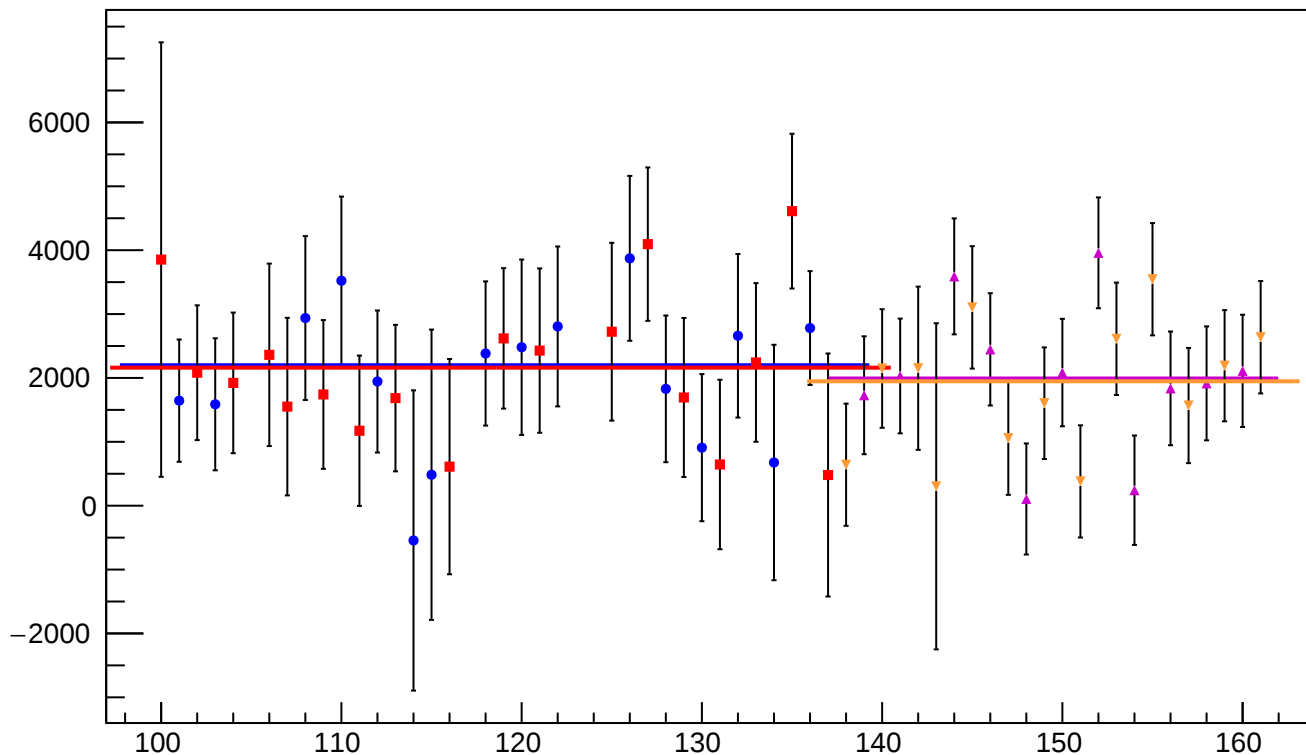


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1947.307+/-263.394

Right Out: 2160.742+/-303.587

Left In: 1991.257+/-265.679

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/12

χ^2/NDF : 11.7/17

χ^2/NDF : 17.5/10

Left: 1969.092+/-187.050

Right: 2179.612+/-215.784

In: 2080.243+/-200.831

Out: 2038.969+/-198.951

All: 2059.412+/-141.340

χ^2/NDF : 30.5/23

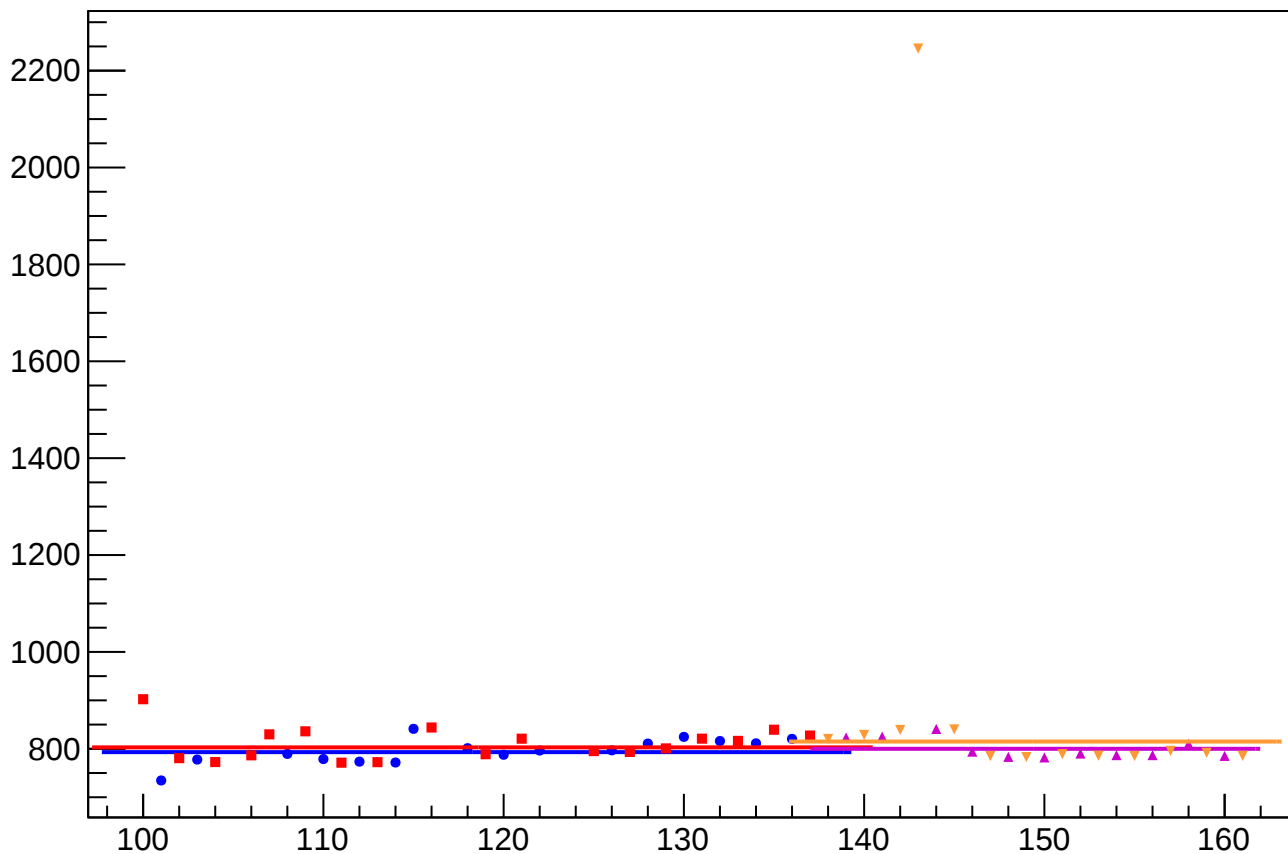
χ^2/NDF : 20.3/33

χ^2/NDF : 26.4/26

χ^2/NDF : 24.8/30

χ^2/NDF : 51.3/57

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 814.986 ± 0.186 χ^2/NDF : 646463.2/12

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

Left In: 799.991 ± 0.188 χ^2/NDF : 10586.8/10

Left: 807.554 ± 0.132 χ^2/NDF : 660262.9/23

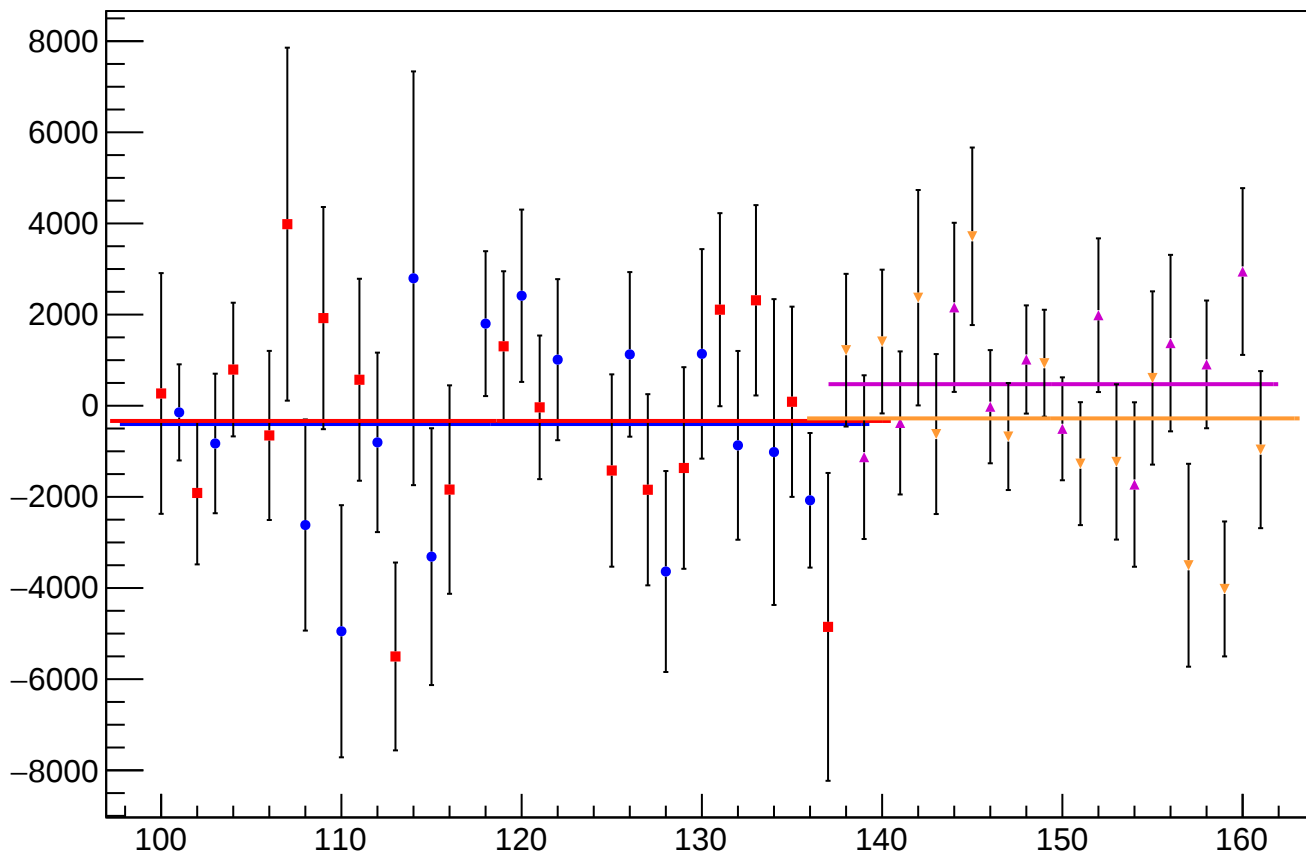
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 797.034 ± 0.142 χ^2/NDF : 25868.1/26

Out: 809.815 ± 0.141 χ^2/NDF : 662703.5/30

All: 803.485 ± 0.100 χ^2/NDF : 692660.1/57

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -277.734 $\pm$ 440.980 χ^2/NDF : 18.3/12

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

Left In: 473.068 $\pm$ 452.622 χ^2/NDF : 7.5/10

Left: 87.887 $\pm$ 315.856 χ^2/NDF : 27.2/23

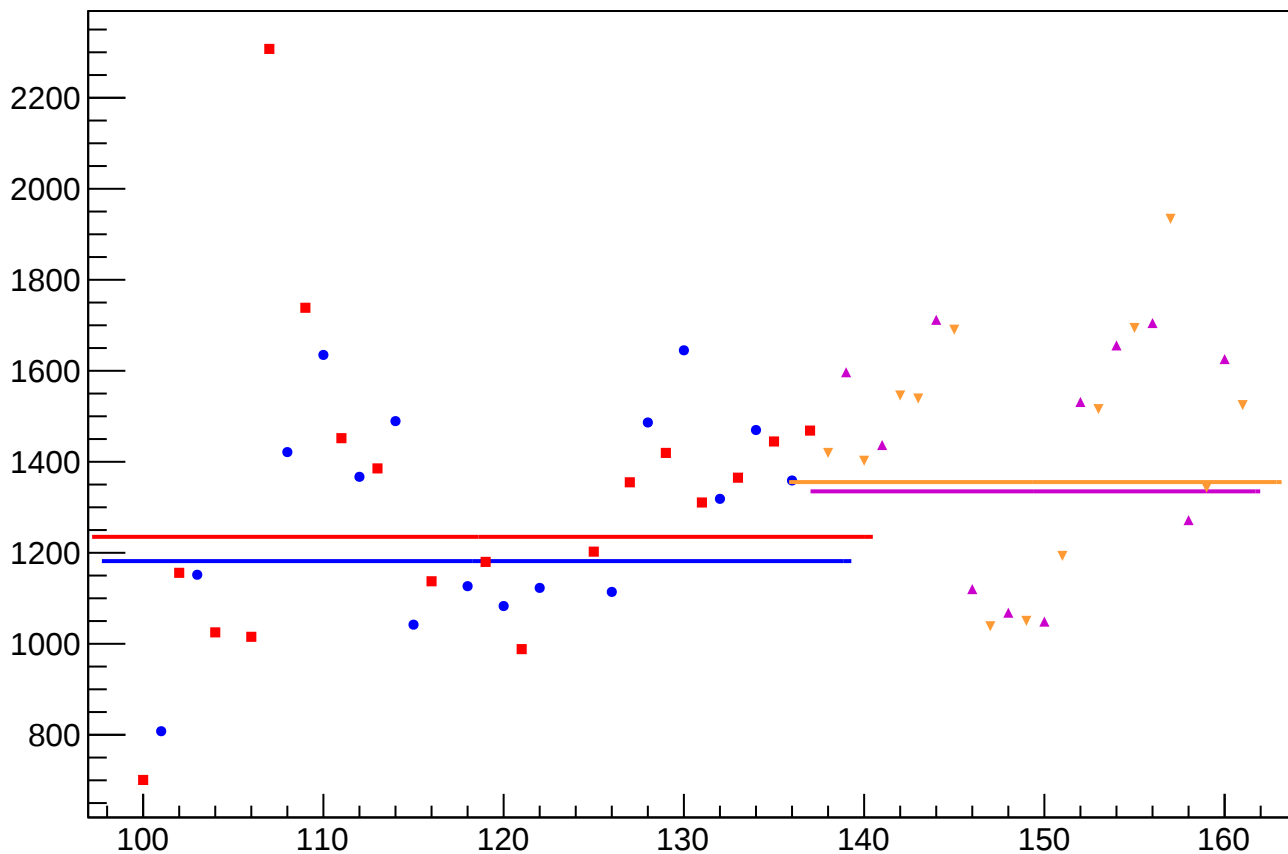
Right: -368.430 $\pm$ 334.812 χ^2/NDF : 32.3/33

In: 51.030 $\pm$ 325.577 χ^2/NDF : 24.1/26

Out: -303.576 $\pm$ 324.267 χ^2/NDF : 35.8/30

All: -126.988 $\pm$ 229.753 χ^2/NDF : 60.5/57

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1355.421 $\pm$ 0.312 χ^2 /NDF: 644107.6/12

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

Left In: 1335.044 $\pm$ 0.320 χ^2 /NDF: 640510.8/10

Left: 1345.498 $\pm$ 0.223 χ^2 /NDF: 1286698.0/23

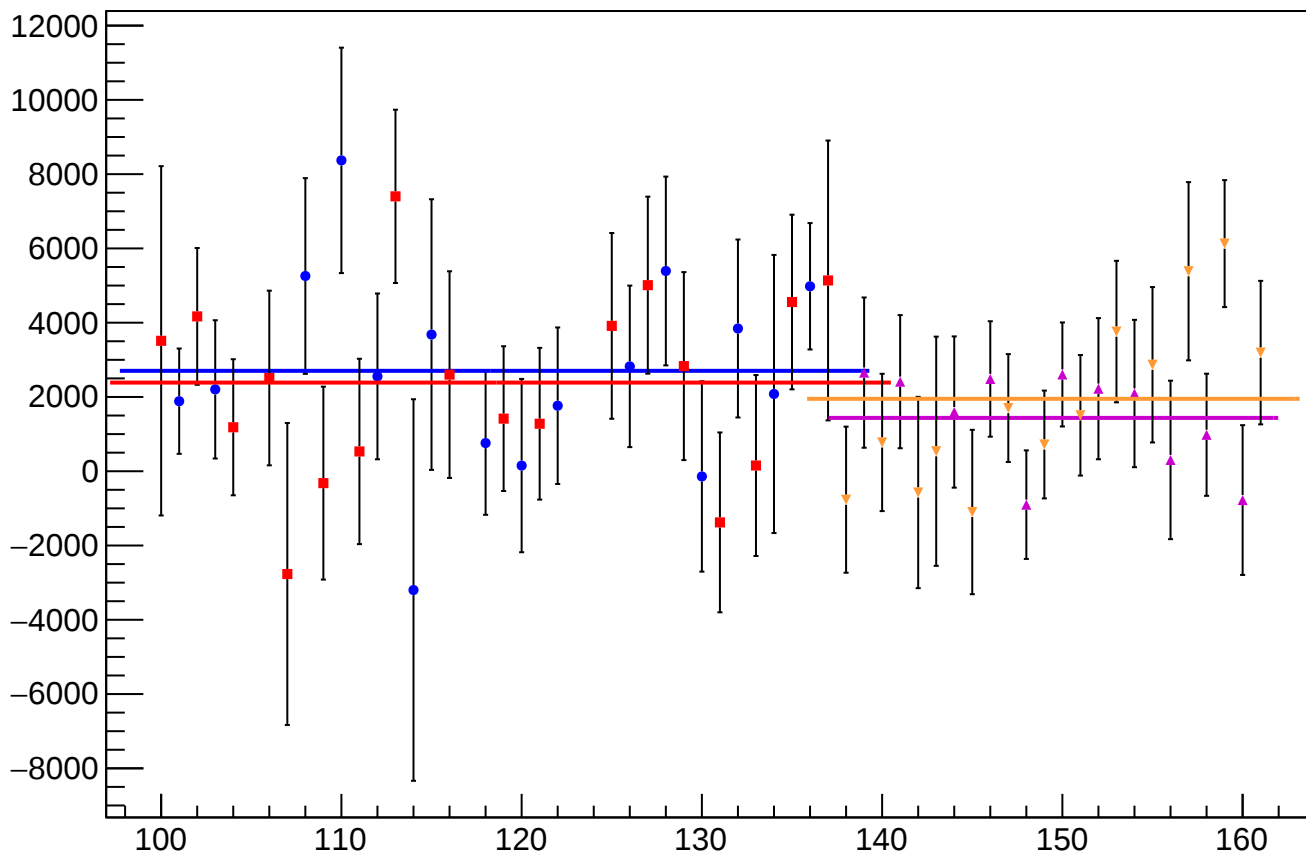
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1261.074 $\pm$ 0.230 χ^2 /NDF: 1294688.7/26

Out: 1300.156 $\pm$ 0.229 χ^2 /NDF: 1252751.8/30

All: 1280.694 $\pm$ 0.162 χ^2 /NDF: 2561908.0/57

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1950.294 $\pm$ 525.154 χ^2 /NDF:15.7/12

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

Left In: 1436.356 $\pm$ 530.396 χ^2 /NDF:6.2/10

Left: 1695.877 $\pm$ 373.179 χ^2 /NDF: 22.4/23

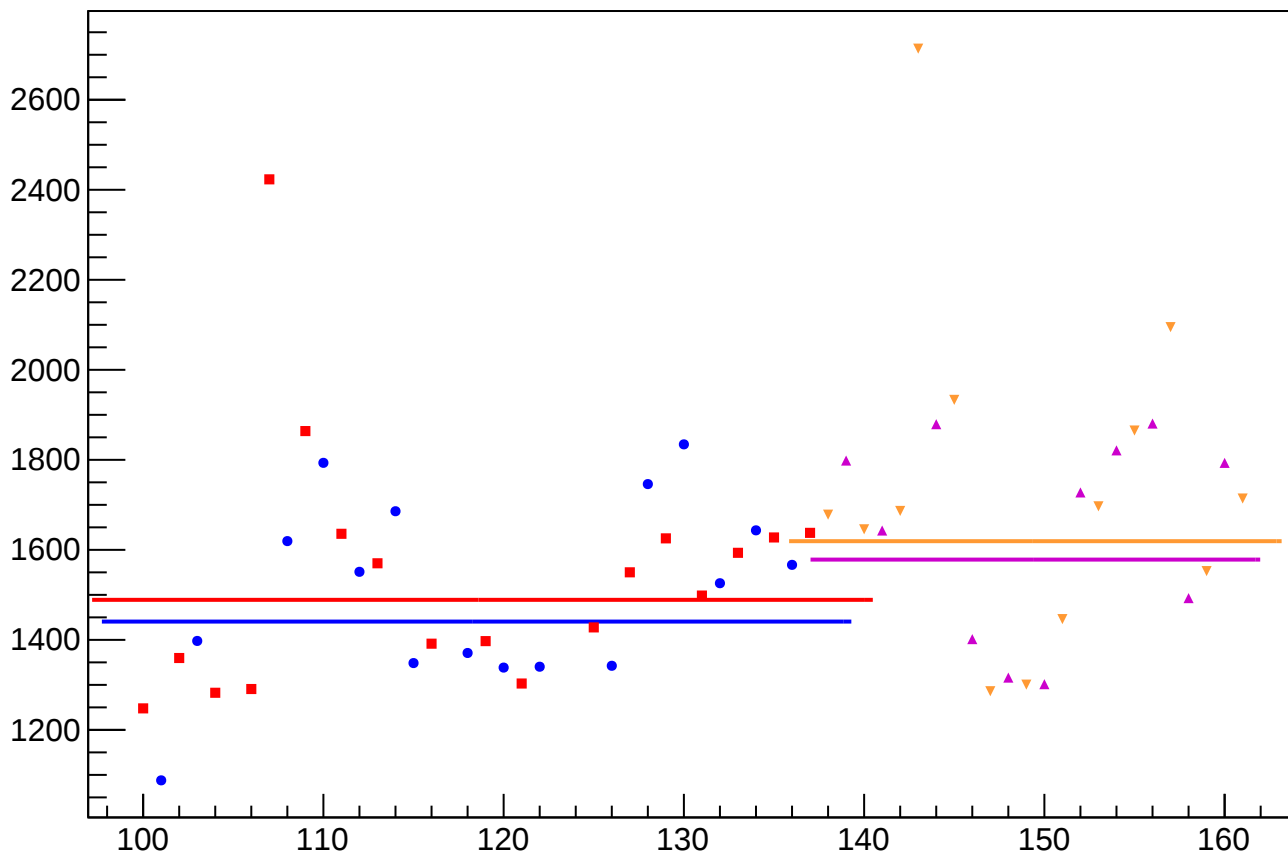
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2030.579 $\pm$ 386.543 χ^2 /NDF:21.9/26

Out: 2151.231 $\pm$ 385.993 χ^2 /NDF:32.1/30

All: 2090.991 $\pm$ 273.133 χ^2 /NDF: 54.1/57

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1619.266 $\pm$ 0.371 χ^2 /NDF: 636982.4/12

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

Left In: 1578.353 $\pm$ 0.375 χ^2 /NDF: 348735.3/10

Left: 1599.013 $\pm$ 0.264 χ^2 /NDF: 991727.0/23

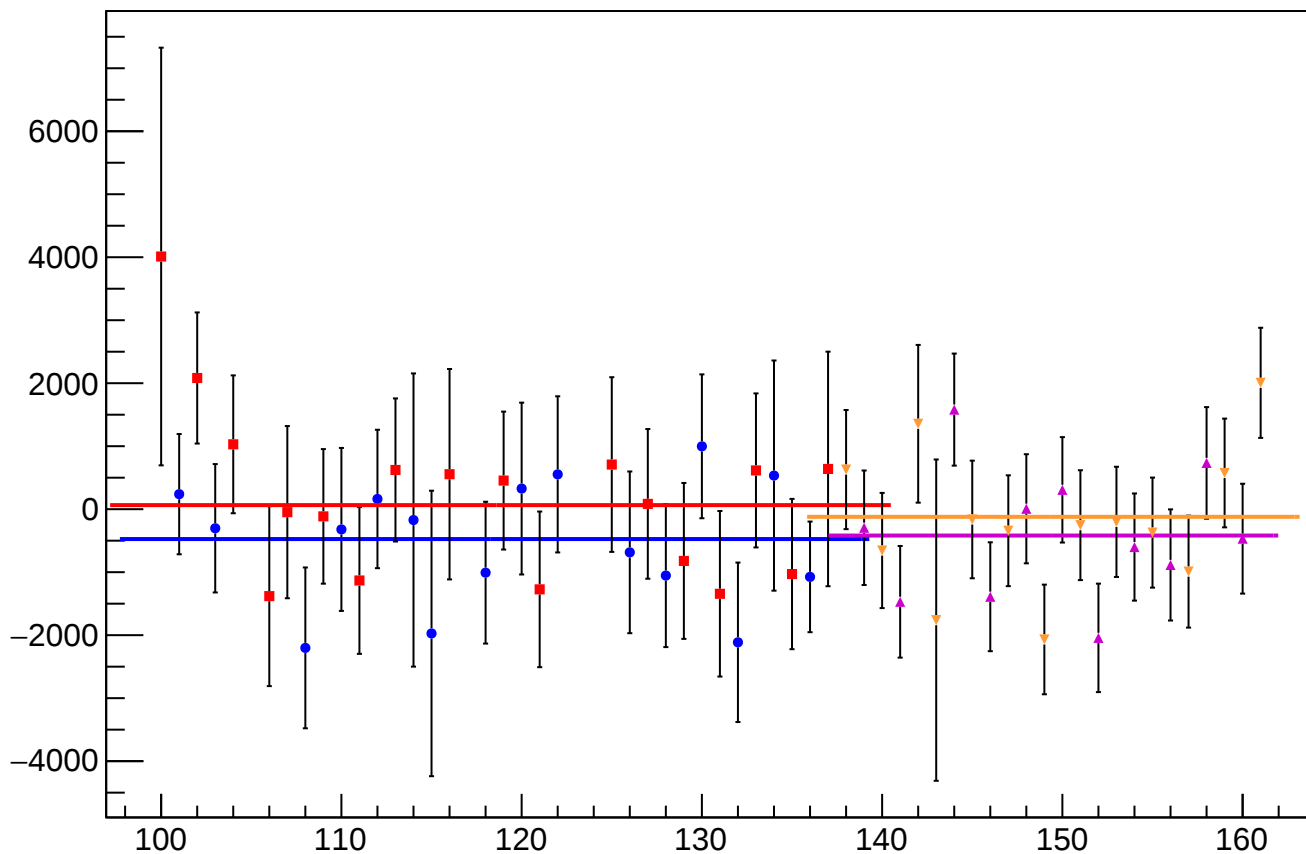
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1513.788 $\pm$ 0.273 χ^2 /NDF: 694203.9/26

Out: 1559.349 $\pm$ 0.273 χ^2 /NDF: 950452.5/30

All: 1536.601 $\pm$ 0.193 χ^2 /NDF: 1658569.0/57

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -121.342 $\pm$ 260.700 χ^2/NDF :15.5/12

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

Left In: -418.313 $\pm$ 263.028 χ^2/NDF :14.3/10

Left: -268.508 $\pm$ 185.160 χ^2/NDF : 30.5/23

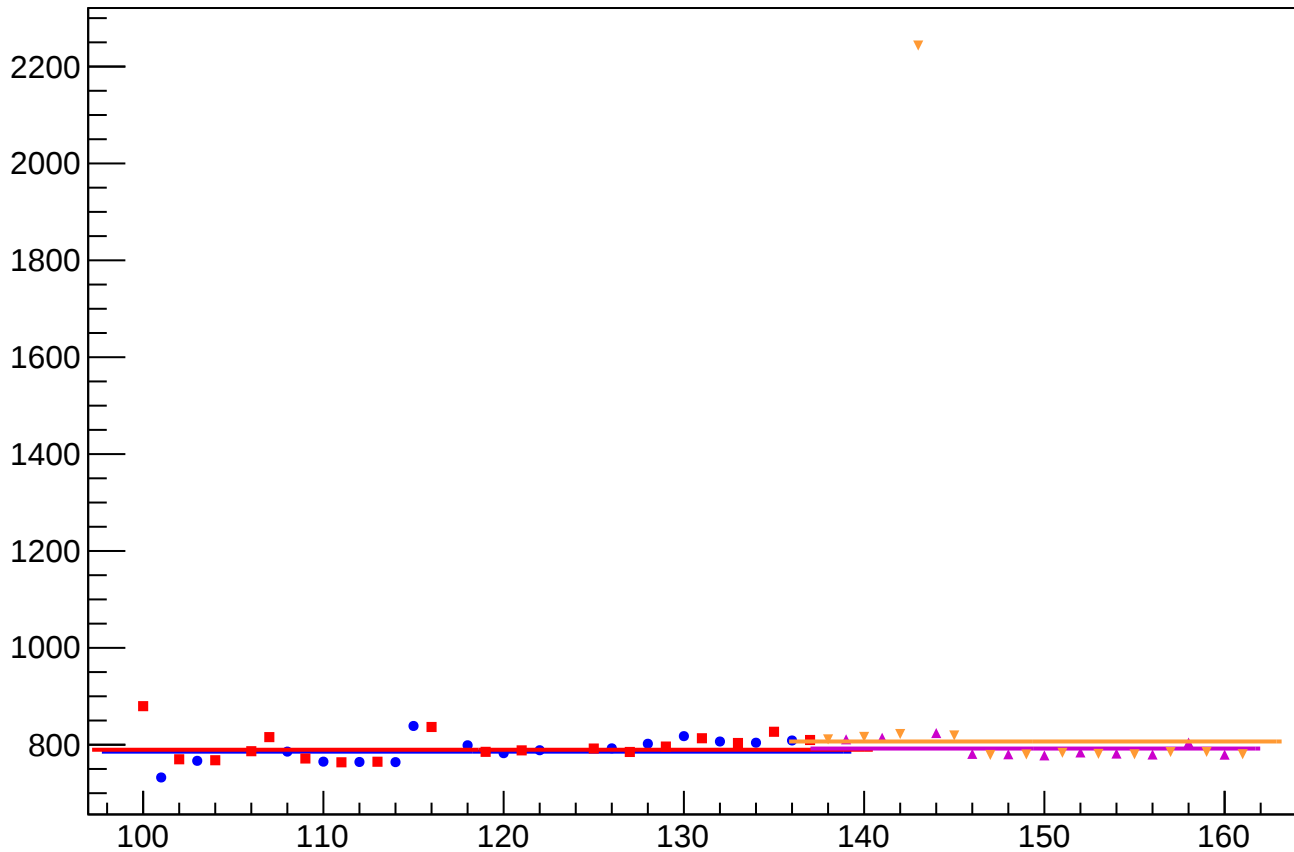
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

In: -442.219 $\pm$ 198.885 χ^2/NDF :23.2/26

Out: -40.814 $\pm$ 196.326 χ^2/NDF :28.4/30

All: -238.917 $\pm$ 139.719 χ^2/NDF : 53.7/57

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 806.727+/-0.184 χ^2/NDF : 648630.4/12

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

Left In: 792.134+/-0.186 χ^2/NDF : 7661.4/10

Left: 799.495+/-0.131 χ^2/NDF : 659397.0/23

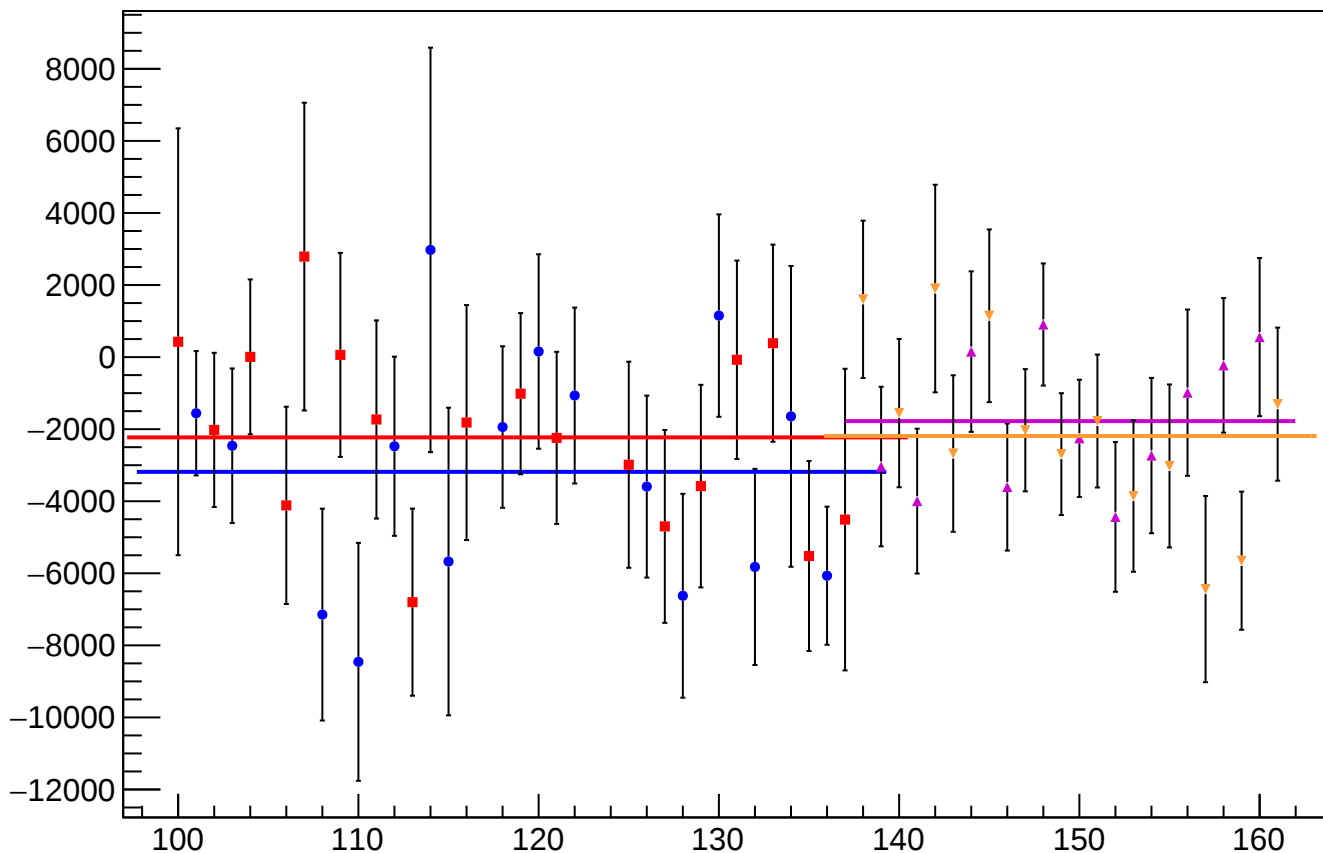
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 789.398+/-0.141 χ^2/NDF : 22088.2/26

Out: 799.345+/-0.139 χ^2/NDF : 663344.1/30

All: 794.436+/-0.099 χ^2/NDF : 687966.1/57

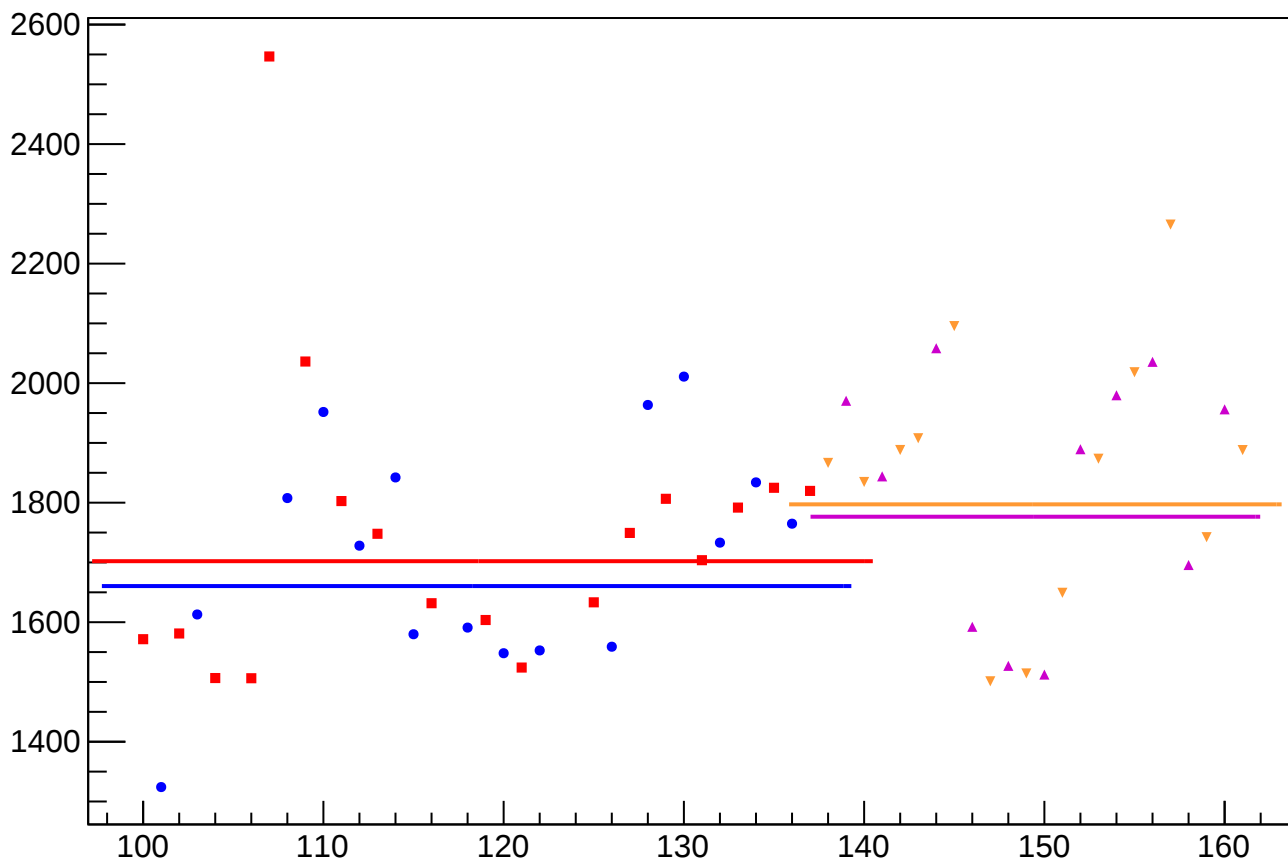
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2190.606 ± 576.494 $\chi^2/\text{NDF}: 14.2/12$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1776.458 ± 594.516 $\chi^2/\text{NDF}: 9.7/10$

Left: -1989.904 ± 413.867 $\chi^2/\text{NDF}: 24.1/23$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2420.681 ± 437.879 $\chi^2/\text{NDF}: 29.1/26$
 Out: -2207.167 ± 430.727 $\chi^2/\text{NDF}: 26.0/30$
 All: -2312.166 ± 307.067 $\chi^2/\text{NDF}: 55.2/57$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1797.198 $\pm$ 0.408 χ^2/NDF : 263381.6/12

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

Left In: 1776.503 $\pm$ 0.420 χ^2/NDF : 233555.1/10

Left: 1787.169 $\pm$ 0.293 χ^2/NDF : 498185.6/23

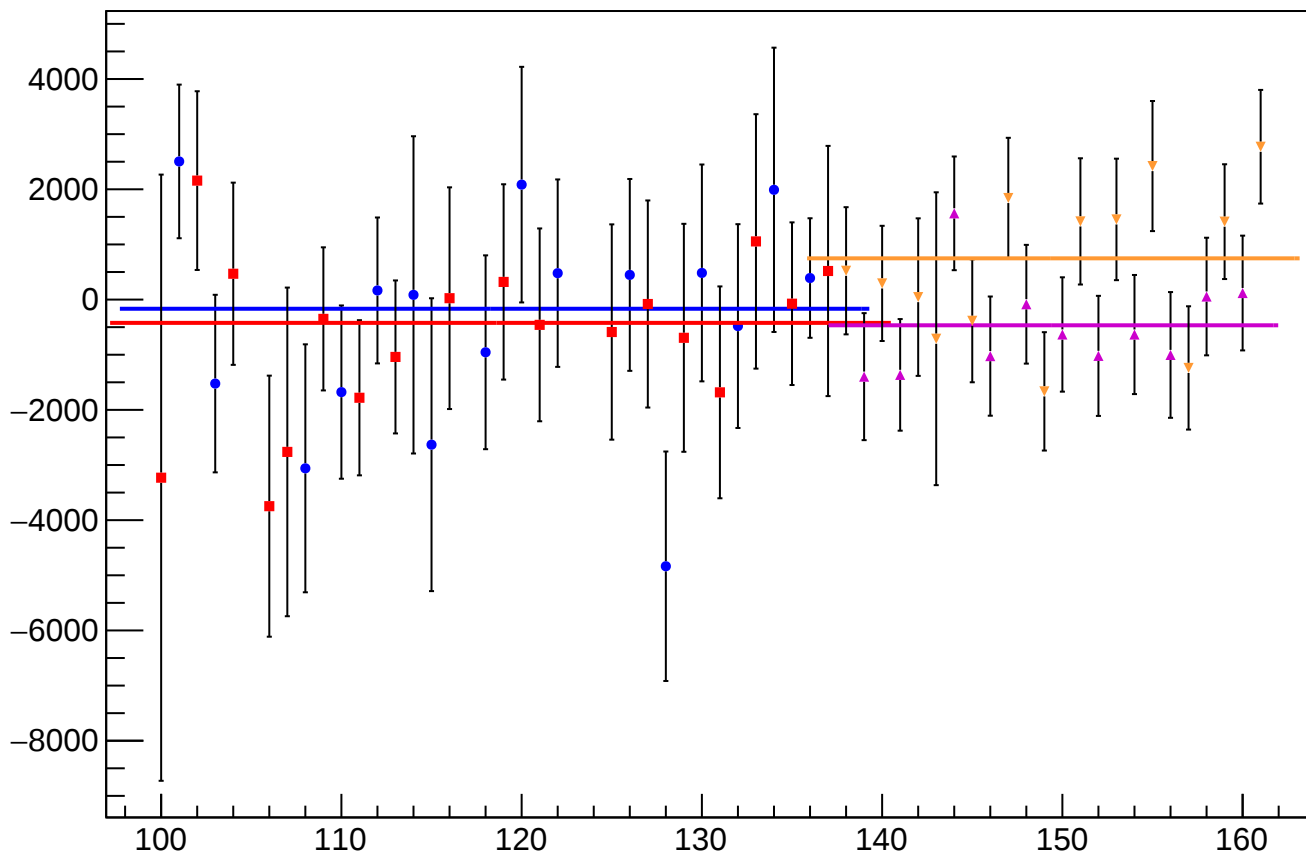
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

In: 1723.412 $\pm$ 0.310 χ^2/NDF : 447622.7/26

Out: 1755.186 $\pm$ 0.305 χ^2/NDF : 459433.2/30

All: 1739.560 $\pm$ 0.217 χ^2/NDF : 912408.2/57

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 747.982 ± 319.721 $\chi^2/\text{NDF}: 18.0/12$

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

Left In: -466.227 ± 322.872 $\chi^2/\text{NDF}: 6.8/10$

Left: 146.832 ± 227.183 $\chi^2/\text{NDF}: 32.0/23$

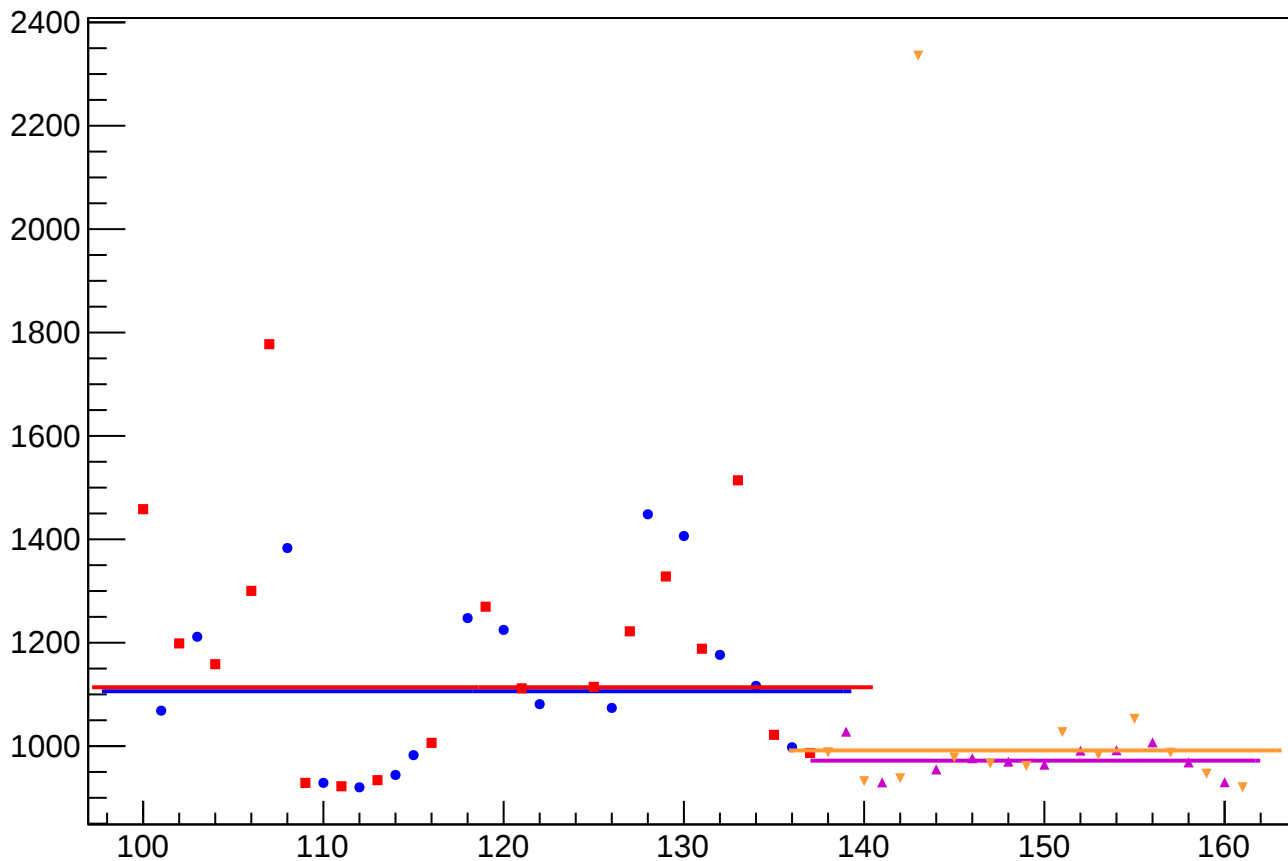
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -358.972 ± 258.767 $\chi^2/\text{NDF}: 22.7/26$

Out: 327.956 ± 255.998 $\chi^2/\text{NDF}: 31.0/30$

All: -11.813 ± 181.989 $\chi^2/\text{NDF}: 57.3/57$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 991.643+/-0.226 χ^2/NDF : 545399.4/12

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

Left In: 971.904+/-0.228 χ^2/NDF : 15370.6/10

Left: 981.870+/-0.161 χ^2/NDF : 564544.3/23

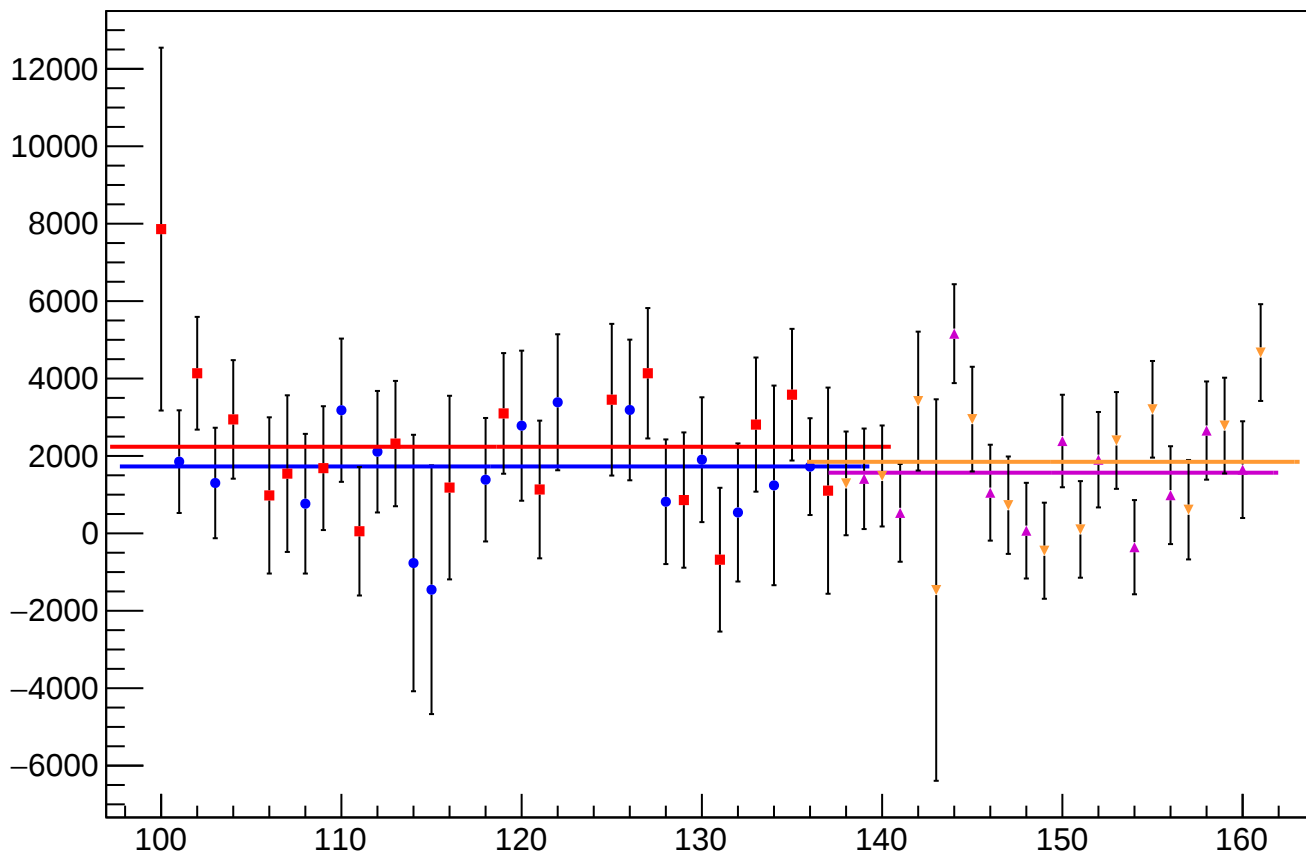
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1019.923+/-0.183 χ^2/NDF : 398972.7/26

Out: 1035.492+/-0.181 χ^2/NDF : 1014511.0/30

All: 1027.791+/-0.129 χ^2/NDF : 1417142.3/57

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1848.447 $\pm$ 374.037 χ^2 /NDF:16.3/12

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

Left In: 1567.133 $\pm$ 376.345 χ^2 /NDF:14.2/10

Left: 1708.655 $\pm$ 265.296 χ^2 /NDF: 30.8/23

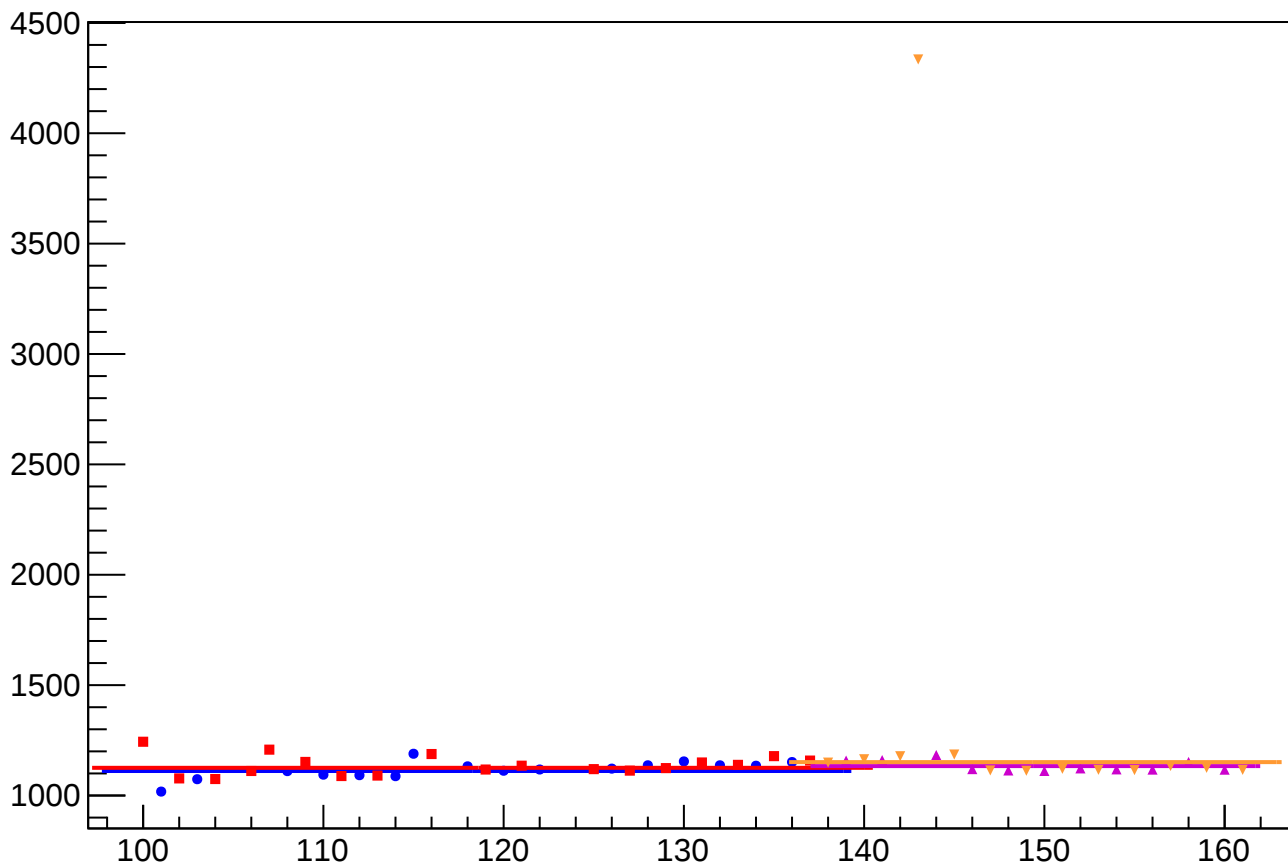
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1637.147 $\pm$ 283.141 χ^2 /NDF:19.6/26

Out: 2018.134 $\pm$ 280.914 χ^2 /NDF:29.0/30

All: 1829.145 $\pm$ 199.419 χ^2 /NDF: 49.5/57

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1151.338+/-0.264 χ^2/NDF : 847439.8/12

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

Left In: 1133.324+/-0.266 χ^2/NDF : 7738.1/10

Left: 1142.386+/-0.188 χ^2/NDF : 857483.1/23

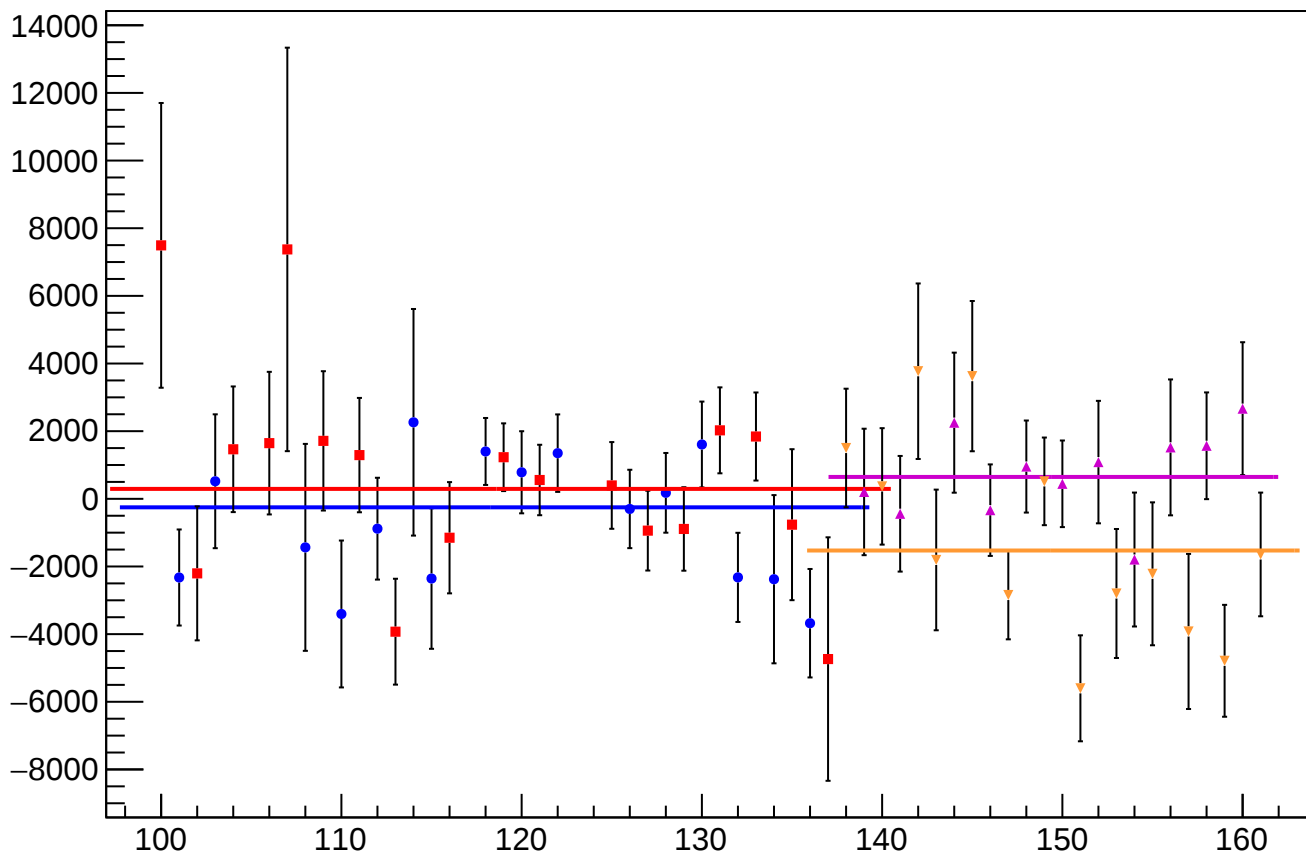
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.654+/-0.200 χ^2/NDF : 28871.5/26

Out: 1140.072+/-0.199 χ^2/NDF : 867482.6/30

All: 1131.928+/-0.141 χ^2/NDF : 899742.8/57

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1527.665 $\pm$ 488.801 χ^2/NDF : 29.6/12

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

Left In: 647.237 $\pm$ 498.274 χ^2/NDF : 4.8/10

Left: -461.087 $\pm$ 348.935 χ^2/NDF : 44.1/23

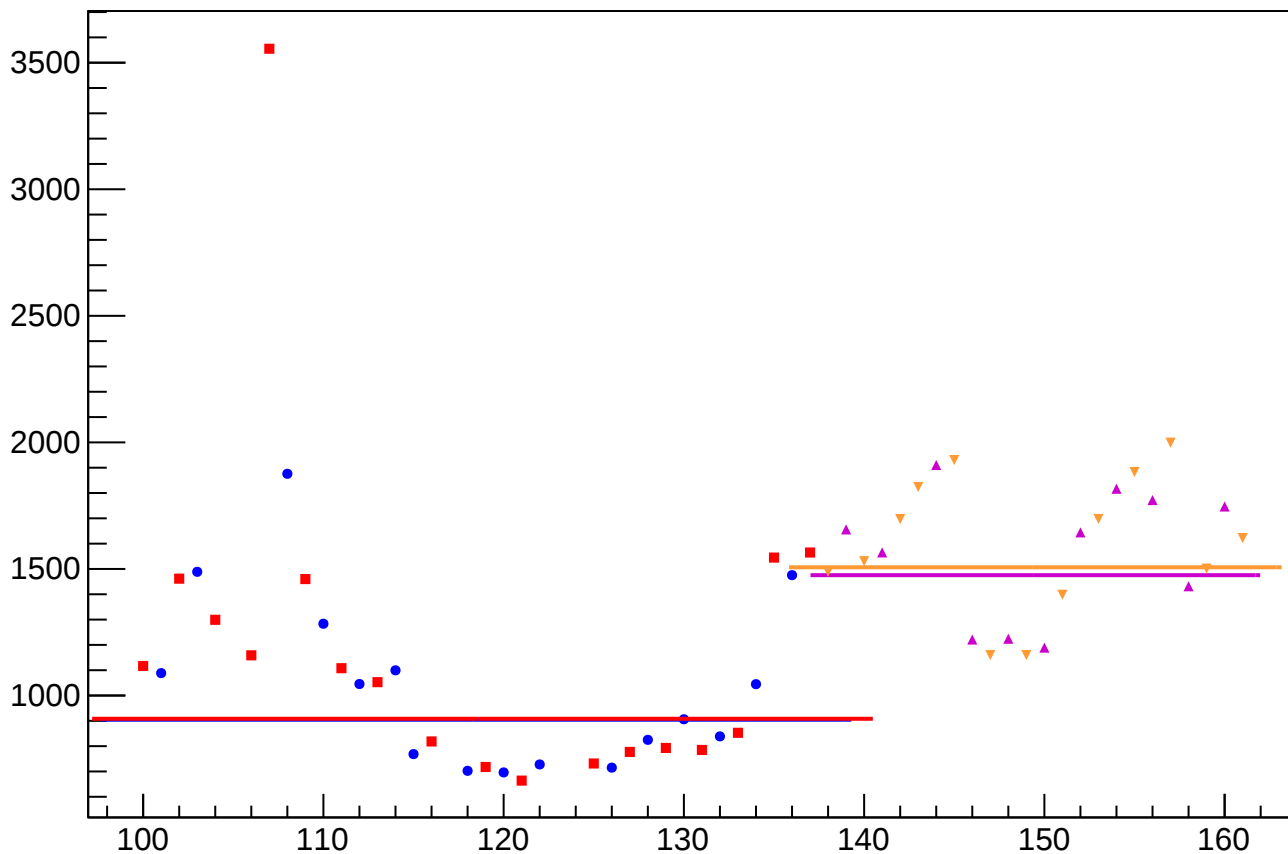
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 62.407 $\pm$ 294.425 χ^2/NDF : 28.8/26

Out: -352.585 $\pm$ 291.163 χ^2/NDF : 62.5/30

All: -147.401 $\pm$ 207.027 χ^2/NDF : 92.3/57

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1506.636+/-0.346 χ^2/NDF : 607446.5/12

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

Left In: 1475.411+/-0.352 χ^2/NDF : 511682.6/10

Left: 1491.323+/-0.247 χ^2/NDF : 1123131.5/23

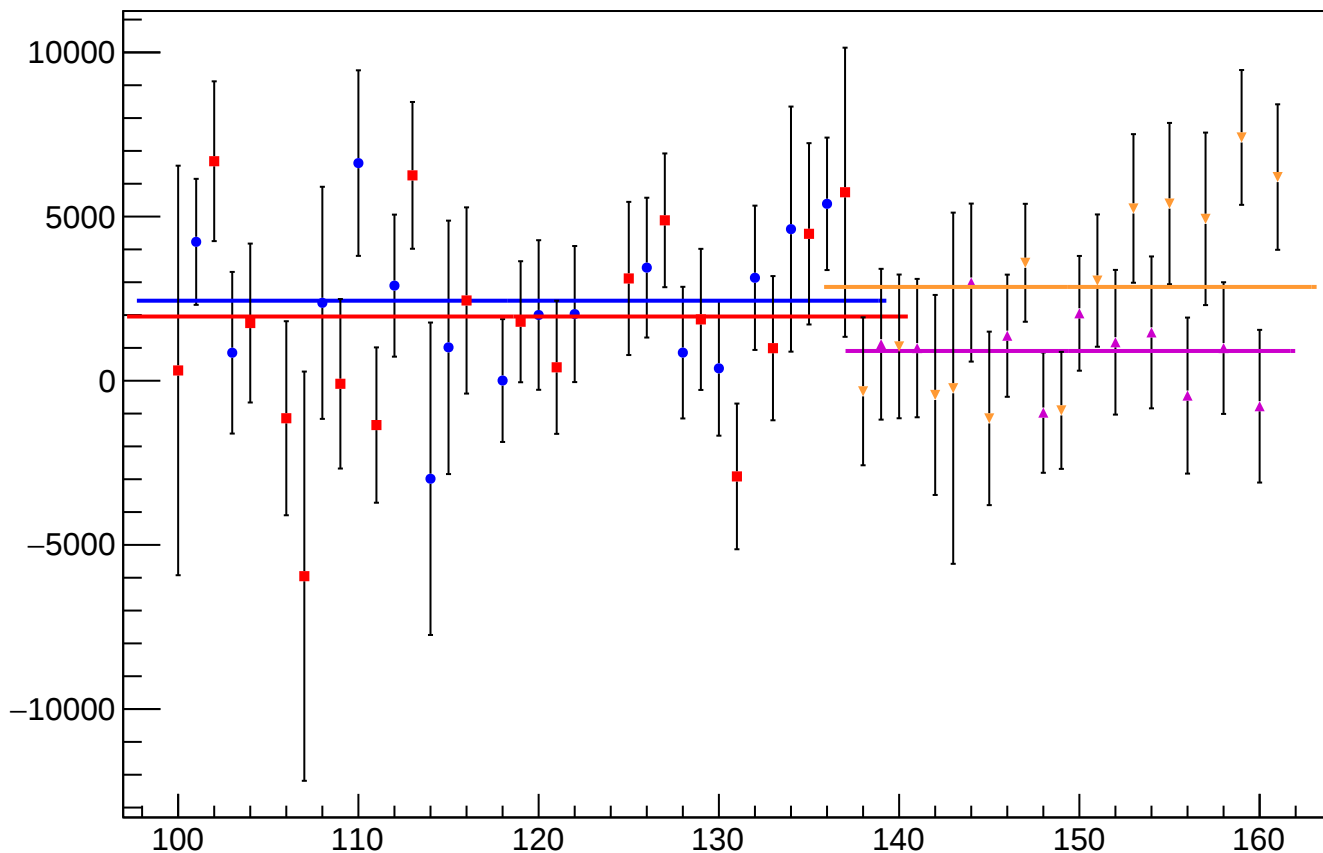
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1103.826+/-0.208 χ^2/NDF : 3241722.3/26

Out: 1120.507+/-0.206 χ^2/NDF : 3922892.0/30

All: 1112.260+/-0.146 χ^2/NDF : 7167860.0/57

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2857.018 $\pm$ 631.243 χ^2 /NDF:21.1/12

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

Left In: 906.388 $\pm$ 631.812 χ^2 /NDF:3.2/10

Left: 1882.582 $\pm$ 446.557 χ^2 /NDF: 29.1/23

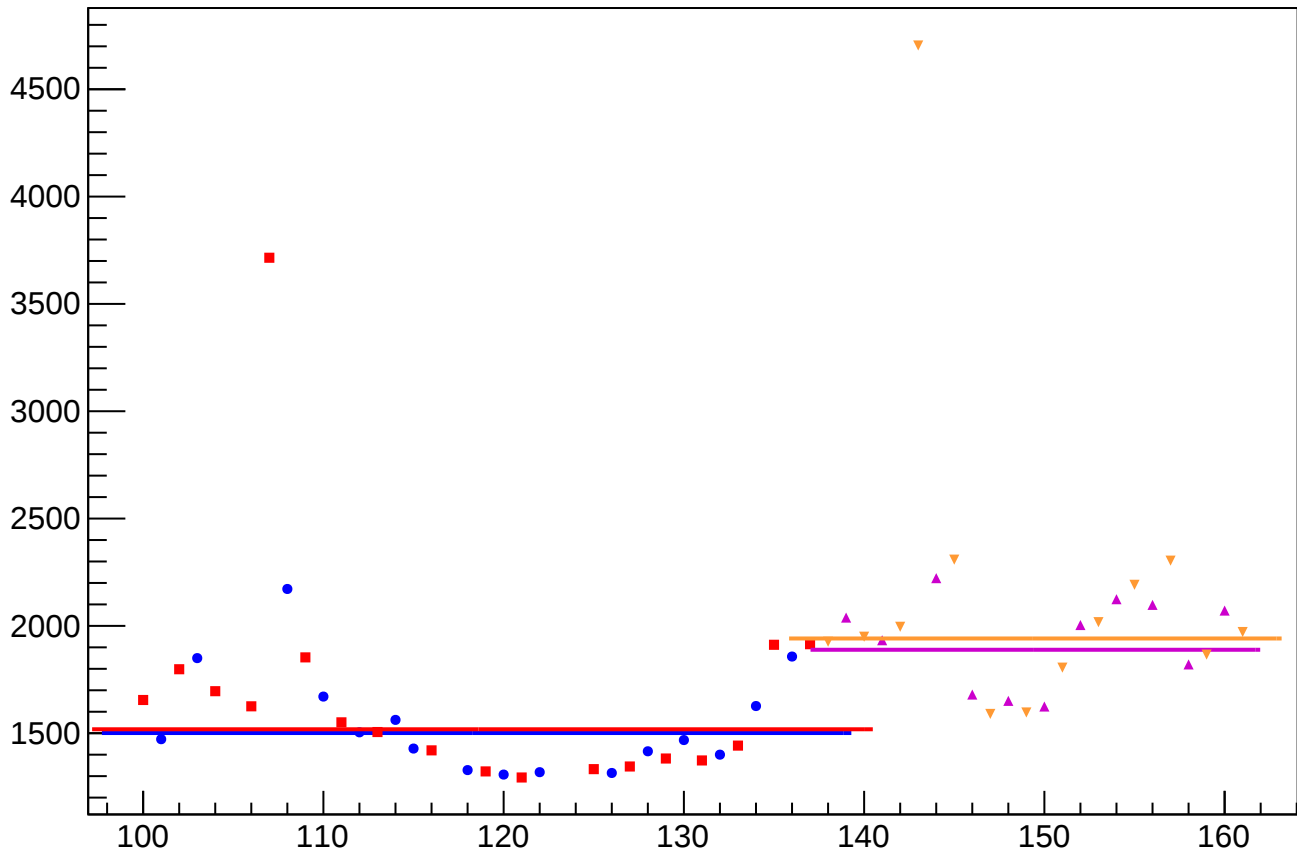
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1729.165 $\pm$ 429.739 χ^2 /NDF:17.6/26

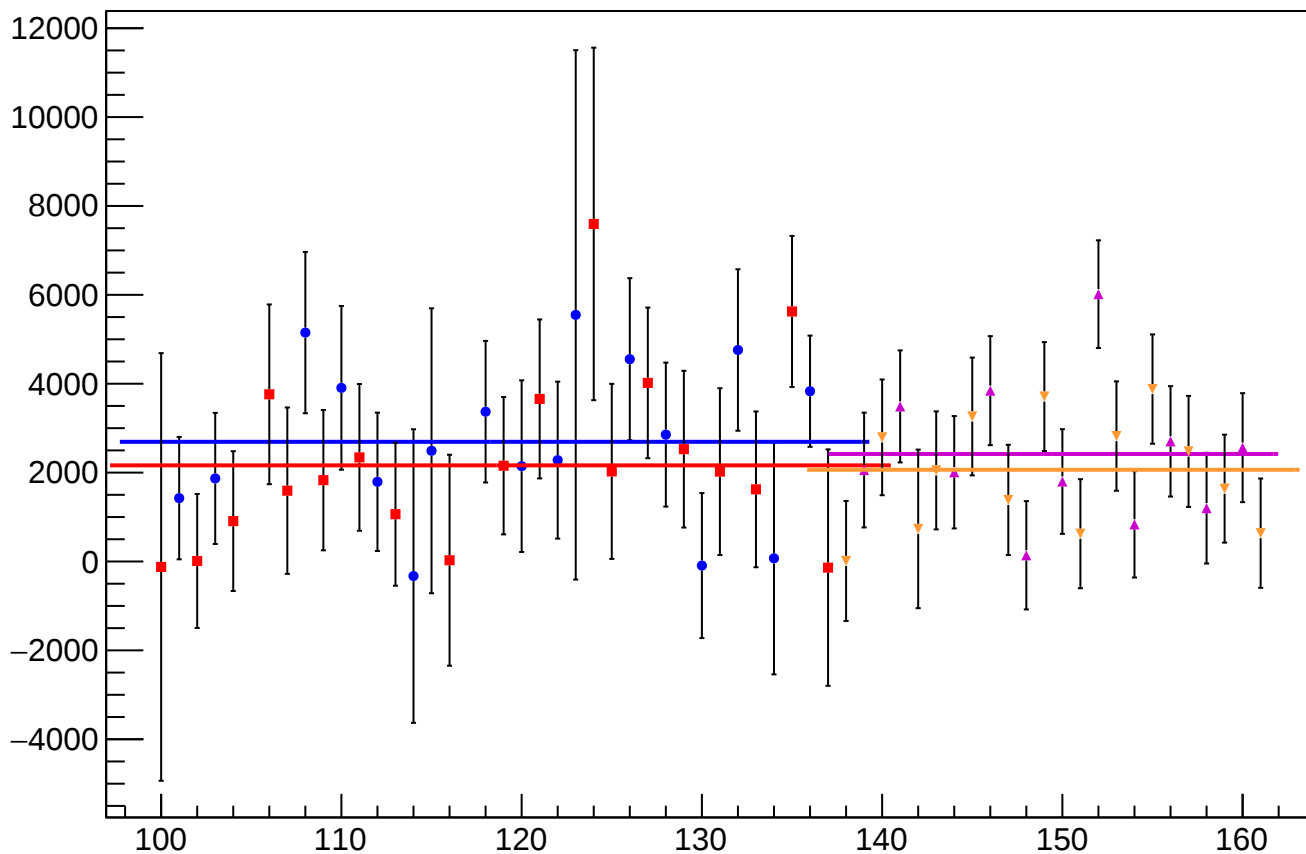
Out: 2371.551 $\pm$ 428.714 χ^2 /NDF:44.6/30

All: 2051.126 $\pm$ 303.508 χ^2 /NDF: 63.2/57

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: 2063.618 $\pm$ 356.479 χ^2/NDF : 11.6/12

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

Left In: 2419.282 $\pm$ 371.356 χ^2/NDF : 17.6/10

Left: 2234.183 $\pm$ 257.167 χ^2/NDF : 29.7/23

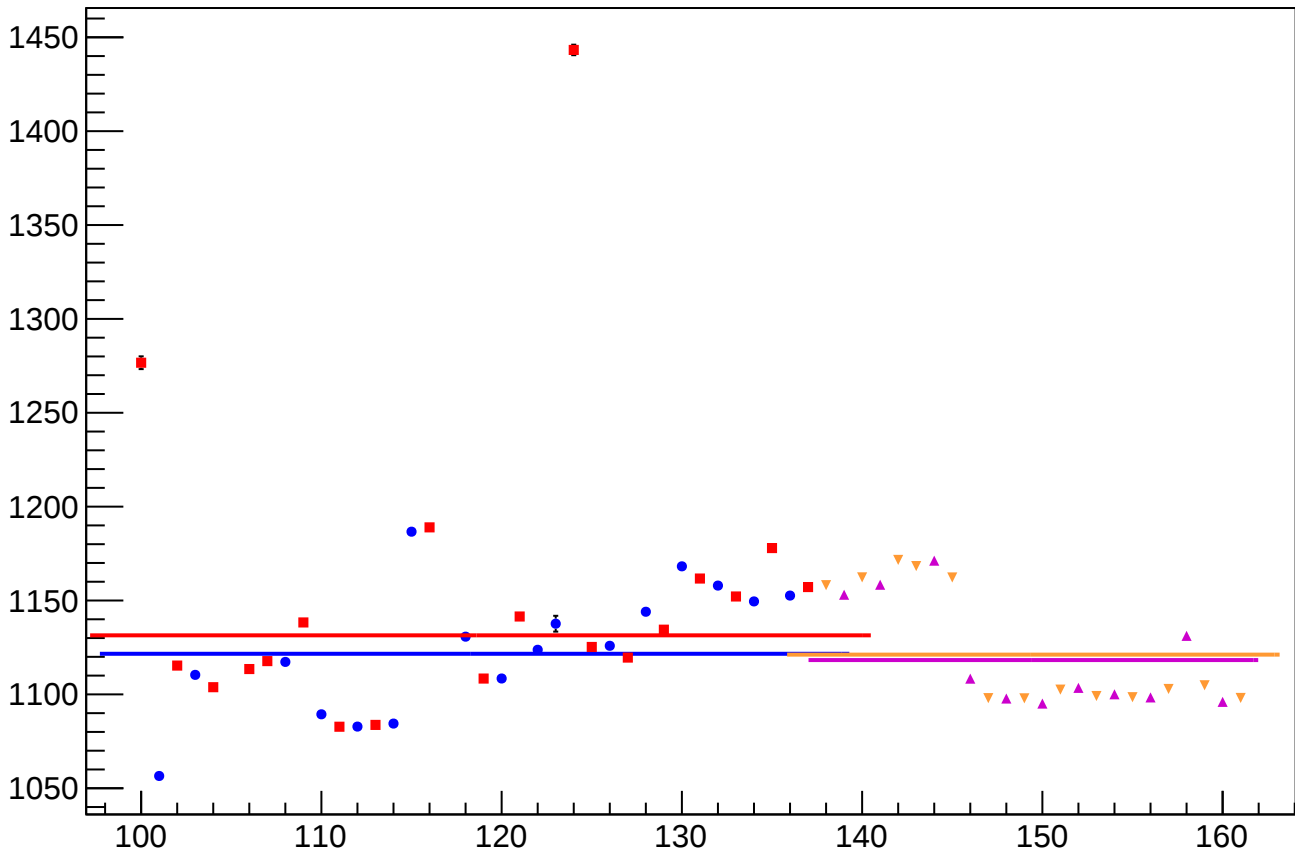
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2535.404 $\pm$ 281.780 χ^2/NDF : 30.1/27

Out: 2104.841 $\pm$ 272.802 χ^2/NDF : 25.4/31

All: 2313.155 $\pm$ 195.997 χ^2/NDF : 56.7/59

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1121.175 $\pm$ 0.252 χ^2/NDF :14239.8/12

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

Left In: 1118.277 $\pm$ 0.263 χ^2/NDF :10607.7/10

Left: 1119.785 $\pm$ 0.182 χ^2/NDF : 24910.9/23

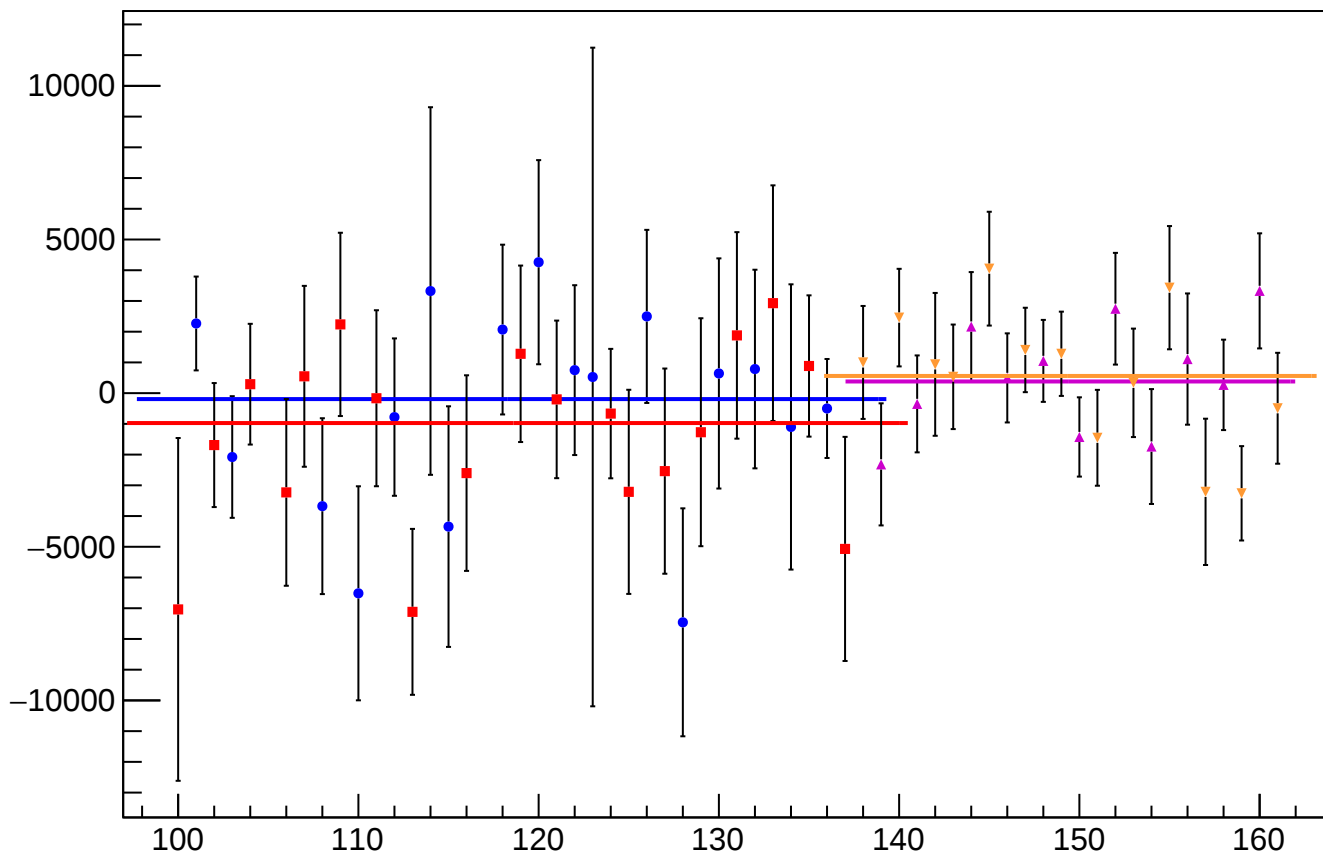
Right: 1126.640 $\pm$ 0.214 χ^2/NDF : 35618.4/35

In: 1119.698 $\pm$ 0.199 χ^2/NDF :22657.0/27

Out: 1125.433 $\pm$ 0.193 χ^2/NDF :38040.2/31

All: 1122.658 $\pm$ 0.139 χ^2/NDF : 61124.9/59

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 ± 660.359 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 559.536 ± 473.271 $\chi^2/\text{NDF}: 18.5/12$

Right Out: -973.263 ± 645.048 $\chi^2/\text{NDF}: 14.3/18$

Left In: 379.574 ± 489.863 $\chi^2/\text{NDF}: 10.9/10$

Left: 472.654 ± 340.368 $\chi^2/\text{NDF}: 29.4/23$

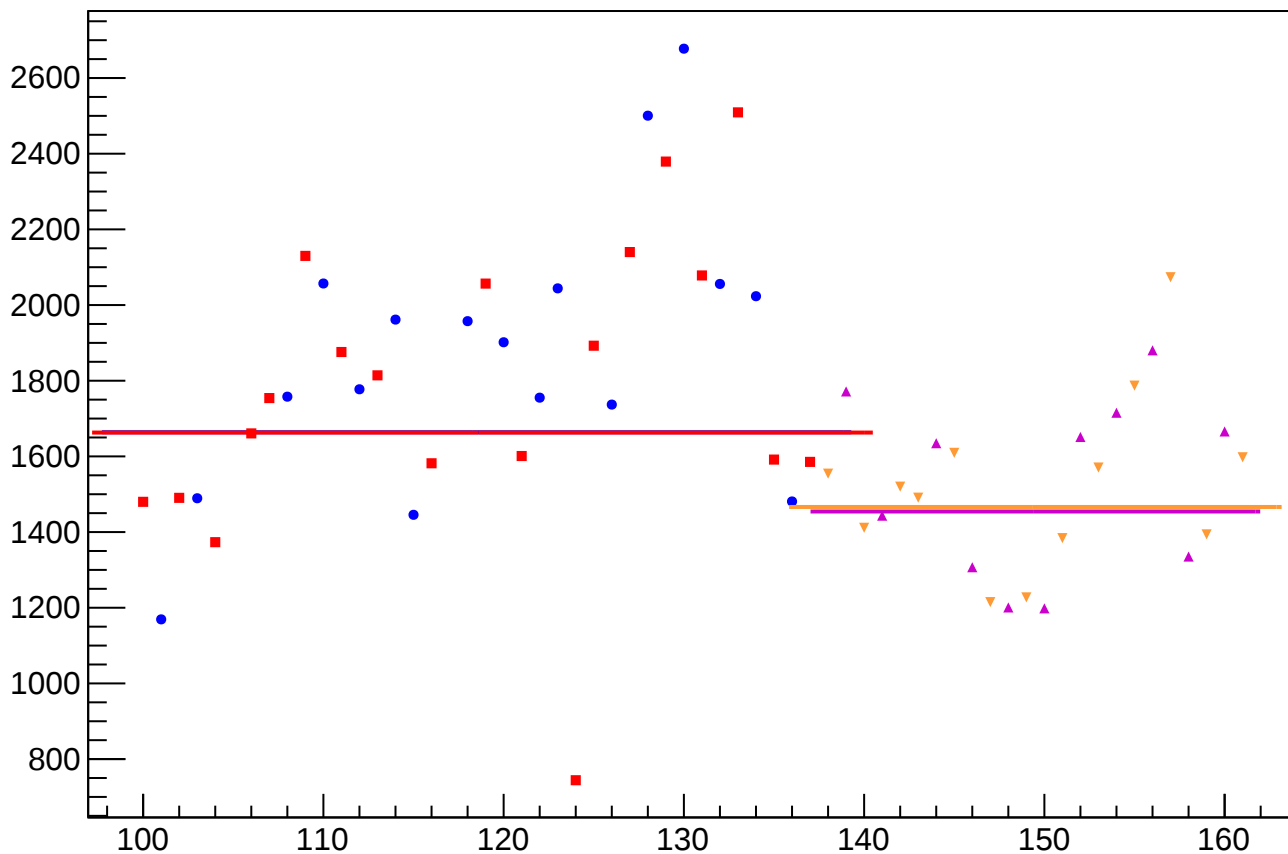
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

In: 176.216 ± 393.431 $\chi^2/\text{NDF}: 28.7/27$

Out: 23.151 ± 381.582 $\chi^2/\text{NDF}: 36.5/31$

All: 97.344 ± 273.912 $\chi^2/\text{NDF}: 65.3/59$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1466.364 $\pm$ 0.335 χ^2 /NDF: 357022.3/12

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

Left In: 1454.367 $\pm$ 0.346 χ^2 /NDF: 424194.7/10

Left: 1460.572 $\pm$ 0.241 χ^2 /NDF: 781837.5/23

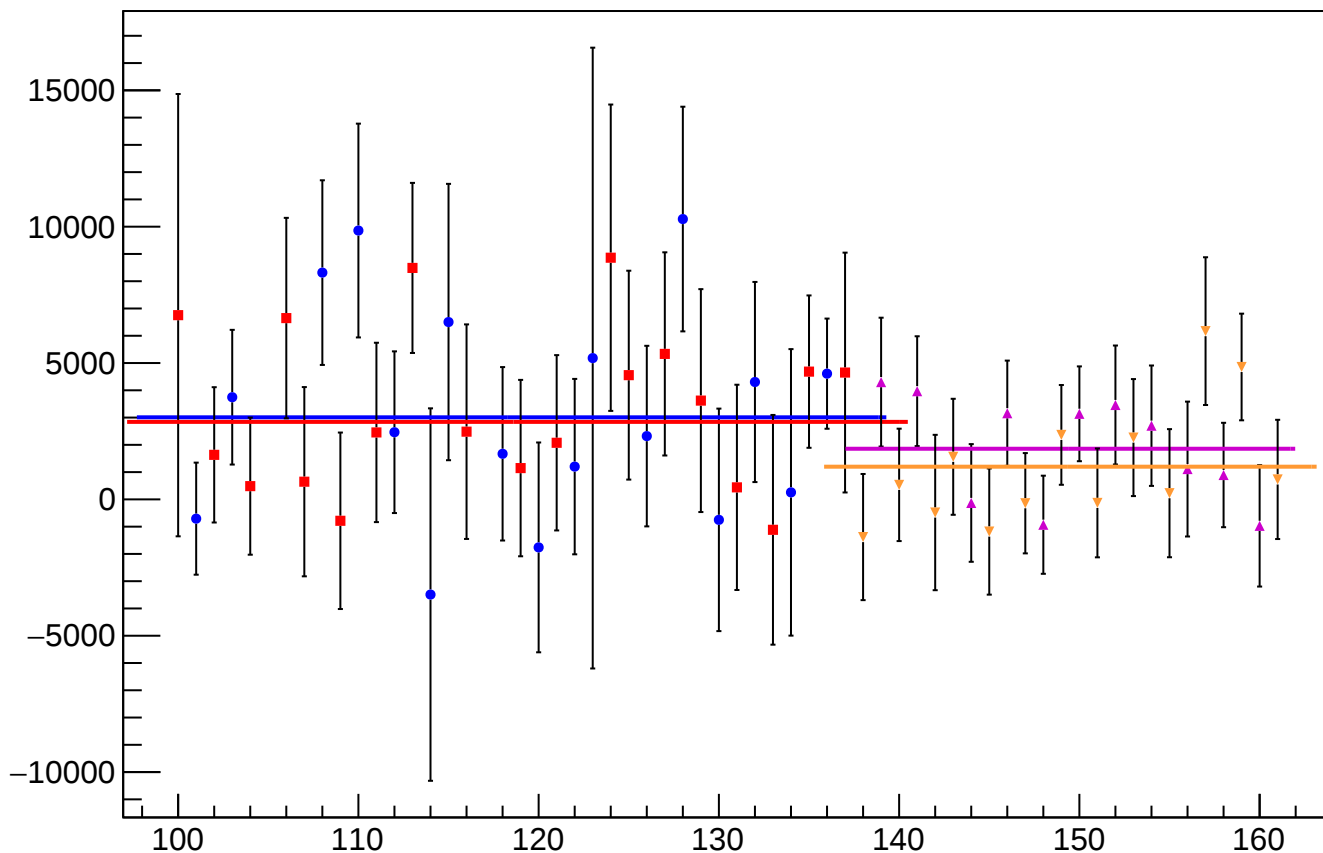
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1528.700 $\pm$ 0.278 χ^2 /NDF: 1176408.6/27

Out: 1535.169 $\pm$ 0.270 χ^2 /NDF: 1282795.9/31

All: 1532.033 $\pm$ 0.194 χ^2 /NDF: 2459483.1/59

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1198.768+/-597.137 χ^2/NDF : 11.5/12

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

Left In: 1856.771+/-619.914 χ^2/NDF : 9.1/10

Left: 1515.459+/-430.066 χ^2/NDF : 21.1/23

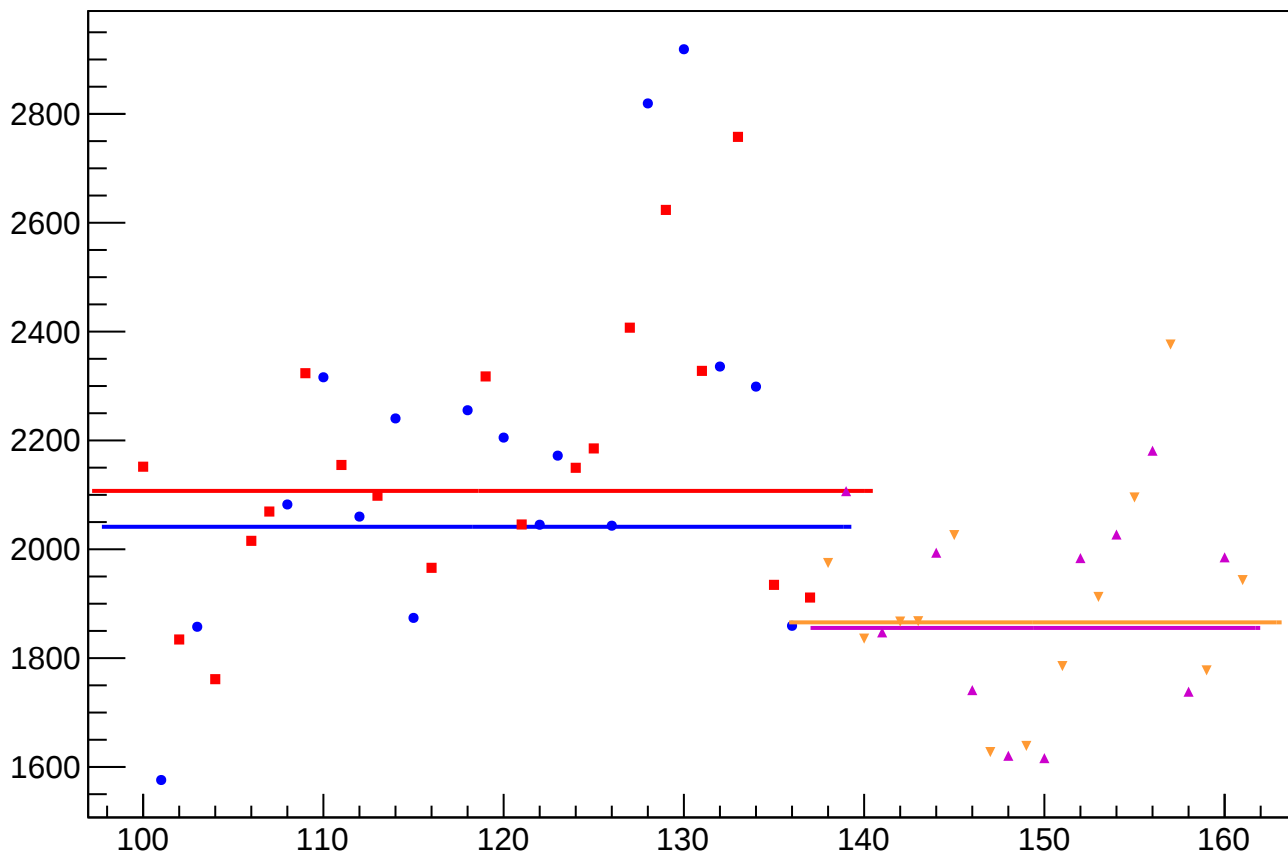
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2289.373+/-489.934 χ^2/NDF : 27.7/27

Out: 1790.765+/-477.612 χ^2/NDF : 25.7/31

All: 2033.720+/-341.996 χ^2/NDF : 53.9/59

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1865.709 $\pm$ 0.422 χ^2 /NDF:179780.7/12

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

Left In: 1855.489 $\pm$ 0.438 χ^2 /NDF:177826.0/10

Left: 1860.790 $\pm$ 0.304 χ^2 /NDF: 357888.7/23

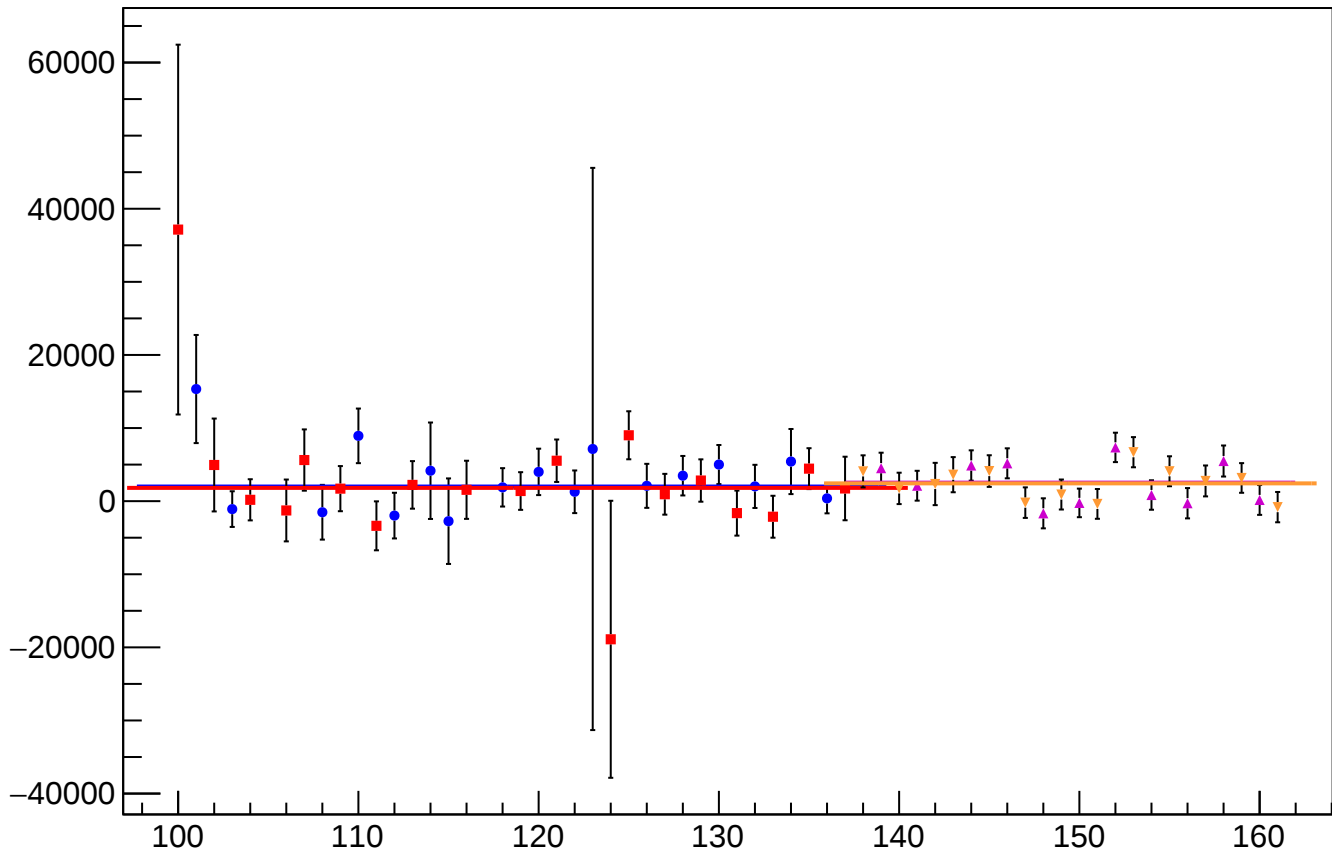
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1925.258 $\pm$ 0.346 χ^2 /NDF:583748.7/27

Out: 1952.737 $\pm$ 0.338 χ^2 /NDF:494480.0/31

All: 1939.347 $\pm$ 0.242 χ^2 /NDF: 1081454.5/59

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2432.632+/-596.466 χ^2/NDF : 13.1/12

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

Left In: 2532.758+/-617.816 χ^2/NDF : 21.6/10

Left: 2480.935+/-429.115 χ^2/NDF : 34.7/23

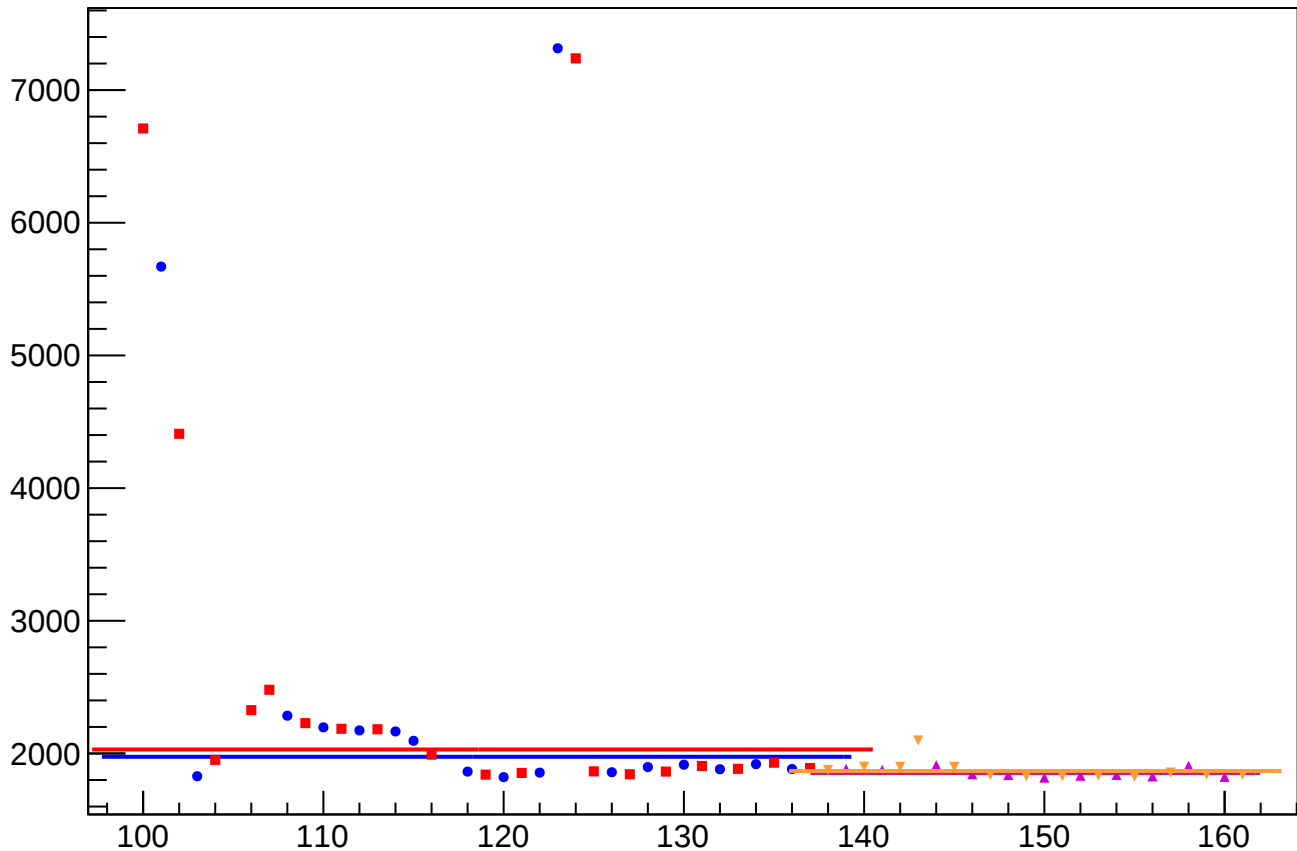
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2327.854+/-484.686 χ^2/NDF : 36.7/27

Out: 2205.482+/-474.136 χ^2/NDF : 31.7/31

All: 2265.322+/-338.933 χ^2/NDF : 68.5/59

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1867.908+/-0.422 χ^2/NDF : 23488.8/12

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

Left In: 1853.529+/-0.437 χ^2/NDF : 5421.1/10

Left: 1860.971+/-0.303 χ^2/NDF : 29470.6/23

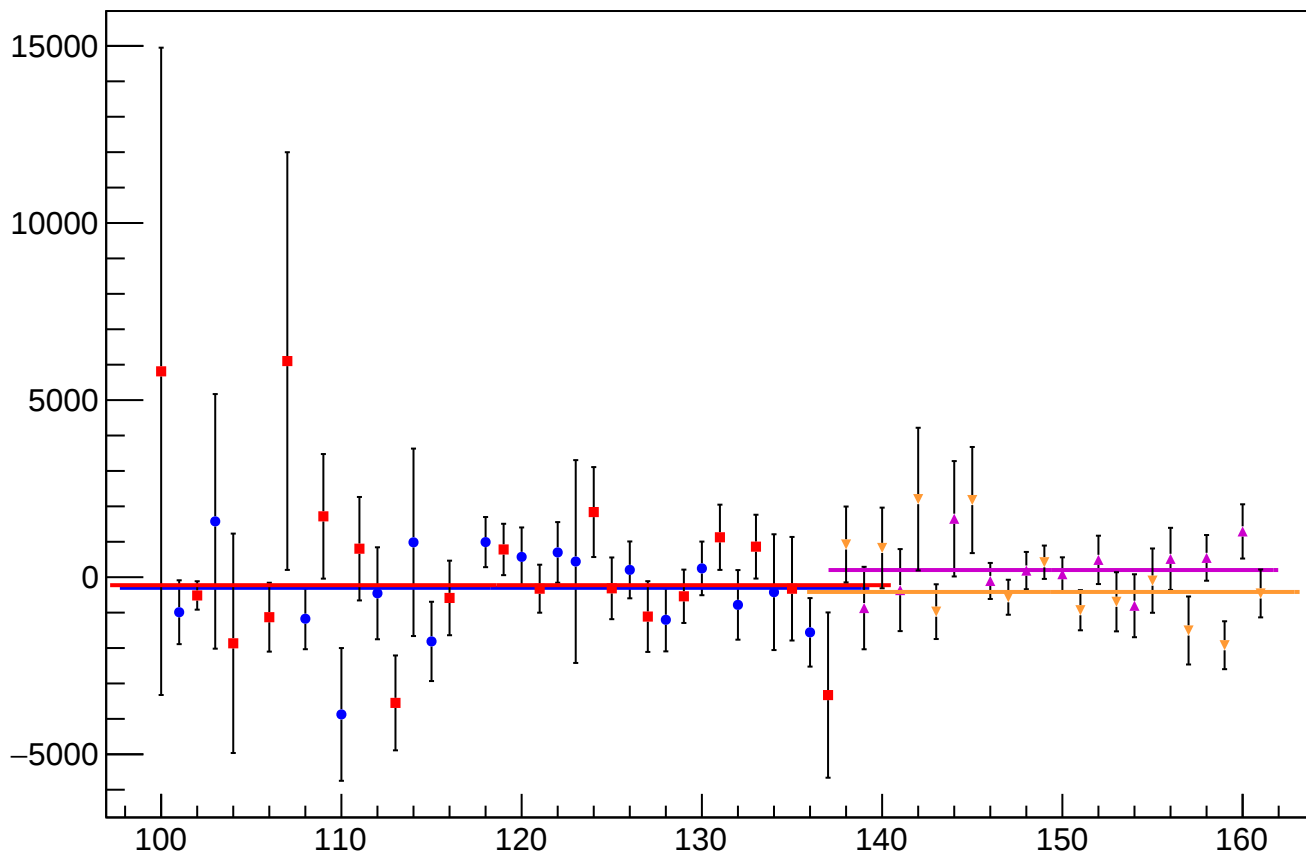
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1900.281+/-0.343 χ^2/NDF : 635036.2/27

Out: 1927.703+/-0.335 χ^2/NDF : 682014.0/31

All: 1914.294+/-0.240 χ^2/NDF : 1320321.6/59

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -416.484 ± 204.846 χ^2/NDF : 18.5/12

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

Left In: 202.303 ± 210.537 χ^2/NDF : 6.2/10

Left: -115.567 ± 146.819 χ^2/NDF : 29.2/23

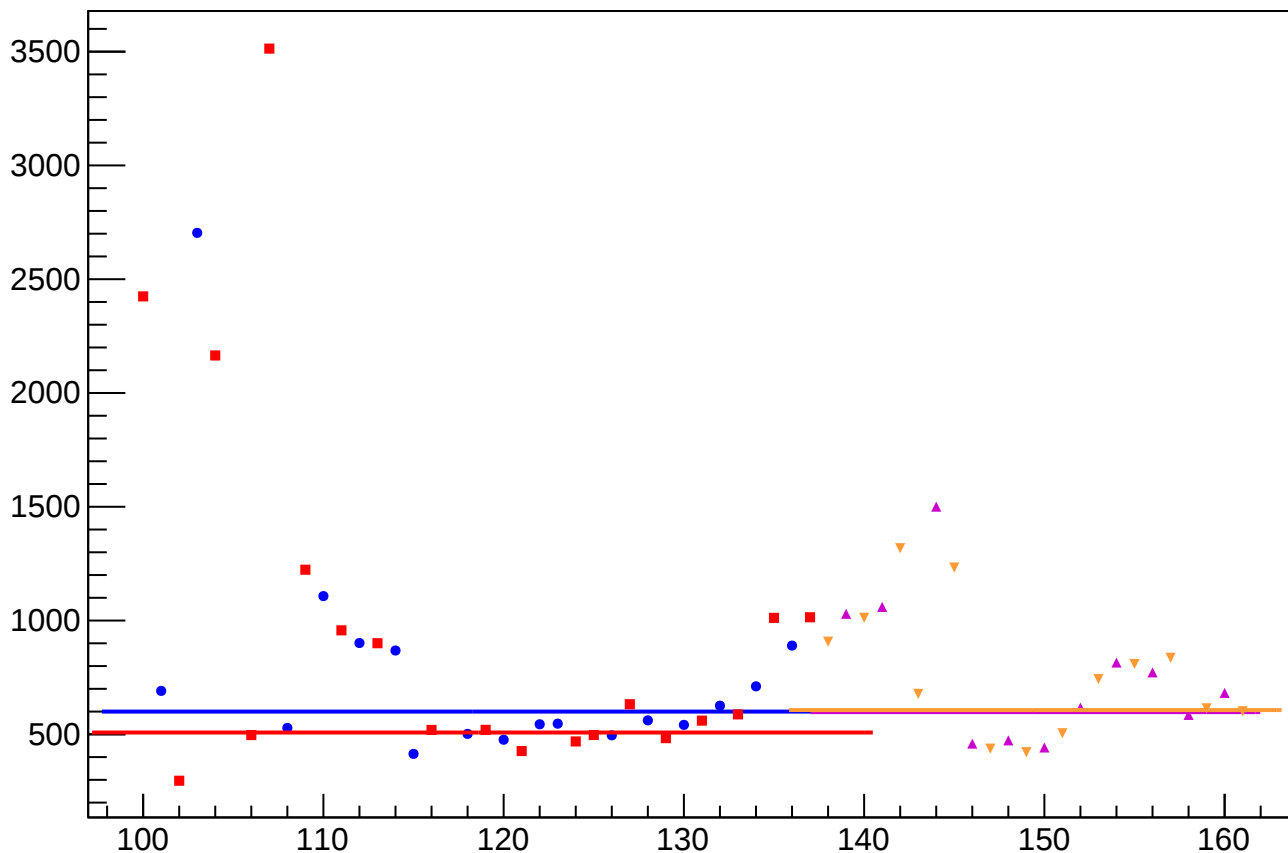
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -9.448 ± 160.123 χ^2/NDF : 26.0/27

Out: -325.826 ± 148.492 χ^2/NDF : 41.1/31

All: -179.543 ± 108.880 χ^2/NDF : 69.2/59

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.574+/-0.145 χ^2/NDF : 1903522.3/12

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

Left In: 597.526+/-0.149 χ^2/NDF : 1907340.2/10

Left: 602.174+/-0.104 χ^2/NDF : 3812760.2/23

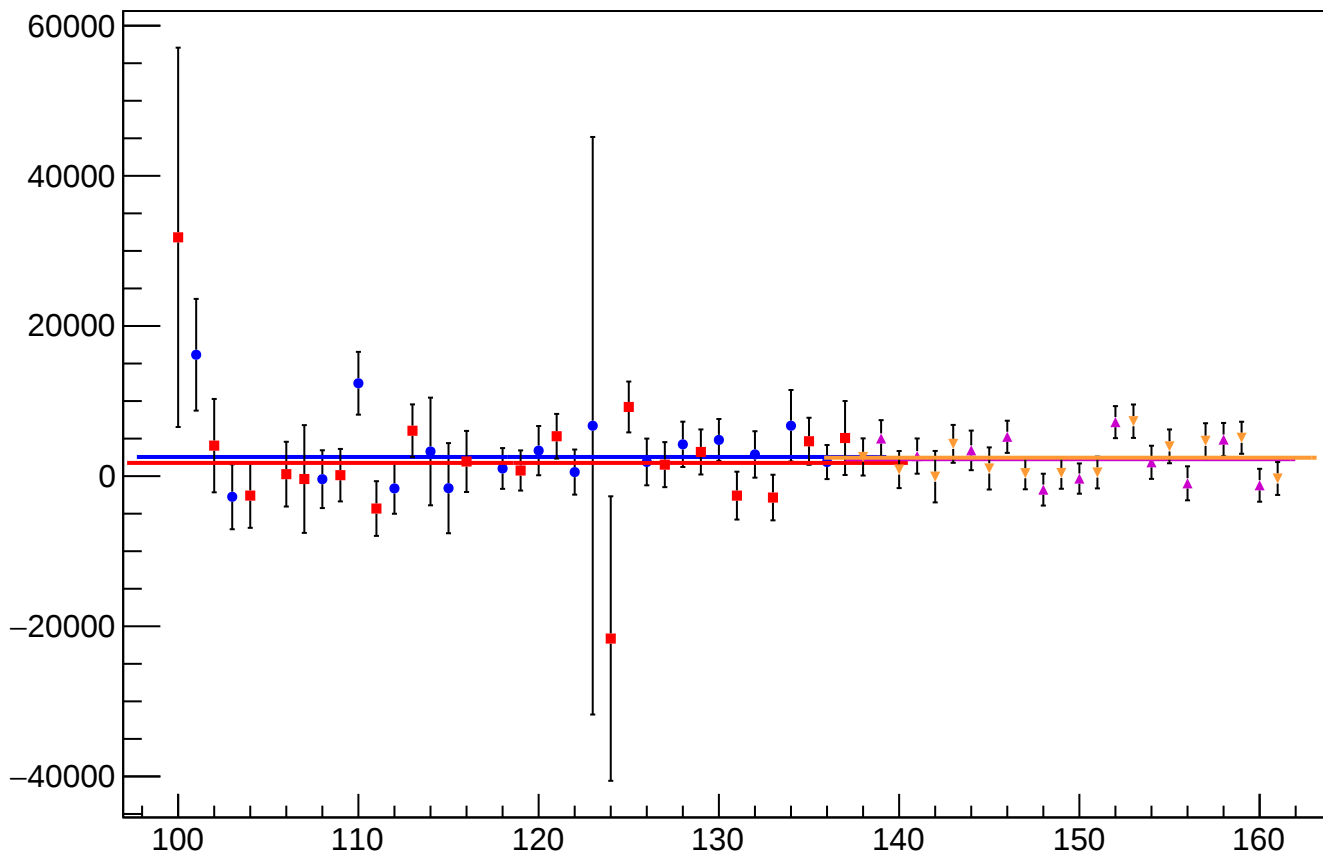
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 598.549+/-0.113 χ^2/NDF : 3288501.7/27

Out: 559.772+/-0.105 χ^2/NDF : 4972428.5/31

All: 577.701+/-0.077 χ^2/NDF : 8323993.6/59

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2454.274 $\pm$ 649.169 χ^2 /NDF:13.8/12

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

Left In: 2256.349 $\pm$ 672.595 χ^2 /NDF:20.0/10

Left: 2358.818 $\pm$ 467.094 χ^2 /NDF: 33.9/23

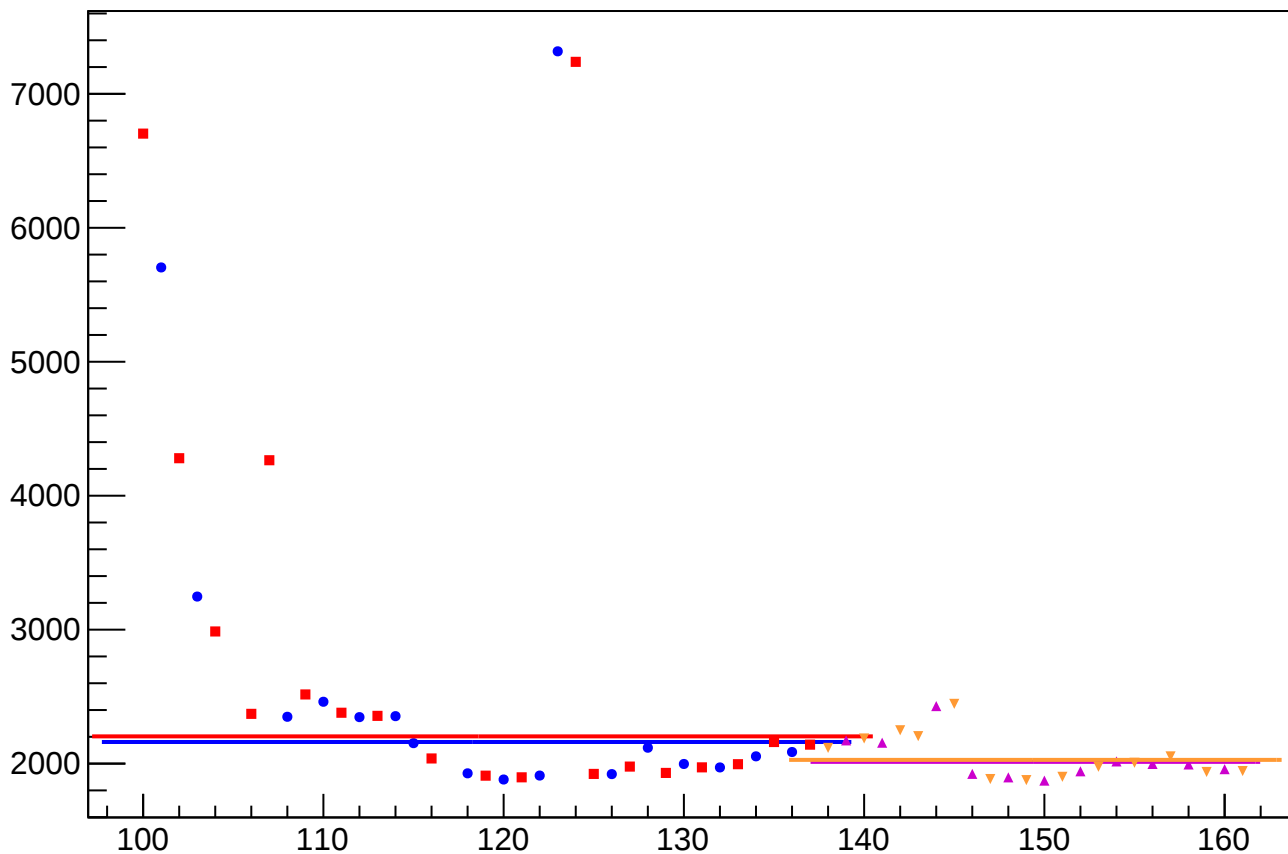
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2369.340 $\pm$ 529.550 χ^2 /NDF:35.8/27

Out: 2200.820 $\pm$ 516.955 χ^2 /NDF:35.1/31

All: 2283.052 $\pm$ 369.915 χ^2 /NDF: 71.0/59

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 ± 0.607 $\chi^2/\text{NDF}: 711253.3/16$

Left Out: 2027.851 ± 0.459 $\chi^2/\text{NDF}: 107928.0/12$

Right Out: 2203.343 ± 0.604 $\chi^2/\text{NDF}: 797393.2/18$

Left In: 2013.017 ± 0.476 $\chi^2/\text{NDF}: 88676.6/10$

Left: 2020.697 ± 0.330 $\chi^2/\text{NDF}: 197108.3/23$

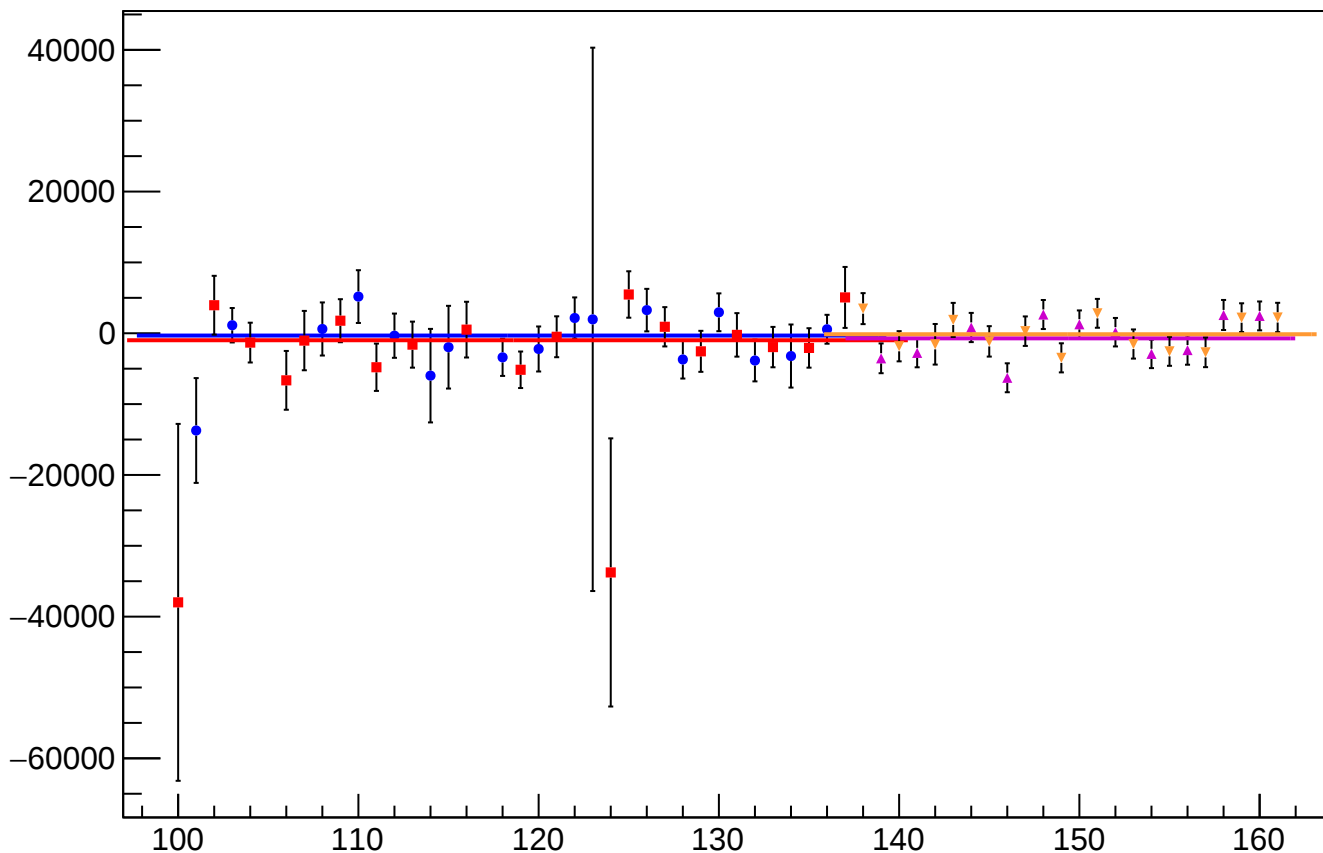
Right: 2182.484 ± 0.428 $\chi^2/\text{NDF}: 1511040.8/35$

In: 2069.428 ± 0.374 $\chi^2/\text{NDF}: 836940.0/27$

Out: 2092.056 ± 0.366 $\chi^2/\text{NDF}: 958794.0/31$

All: 2081.014 ± 0.262 $\chi^2/\text{NDF}: 1797603.8/59$

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -137.817+/-594.403 χ^2/NDF :15.3/12

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

Left In: -718.902+/-616.170 χ^2/NDF :21.4/10

Left: -417.914+/-427.795 χ^2/NDF : 37.1/23

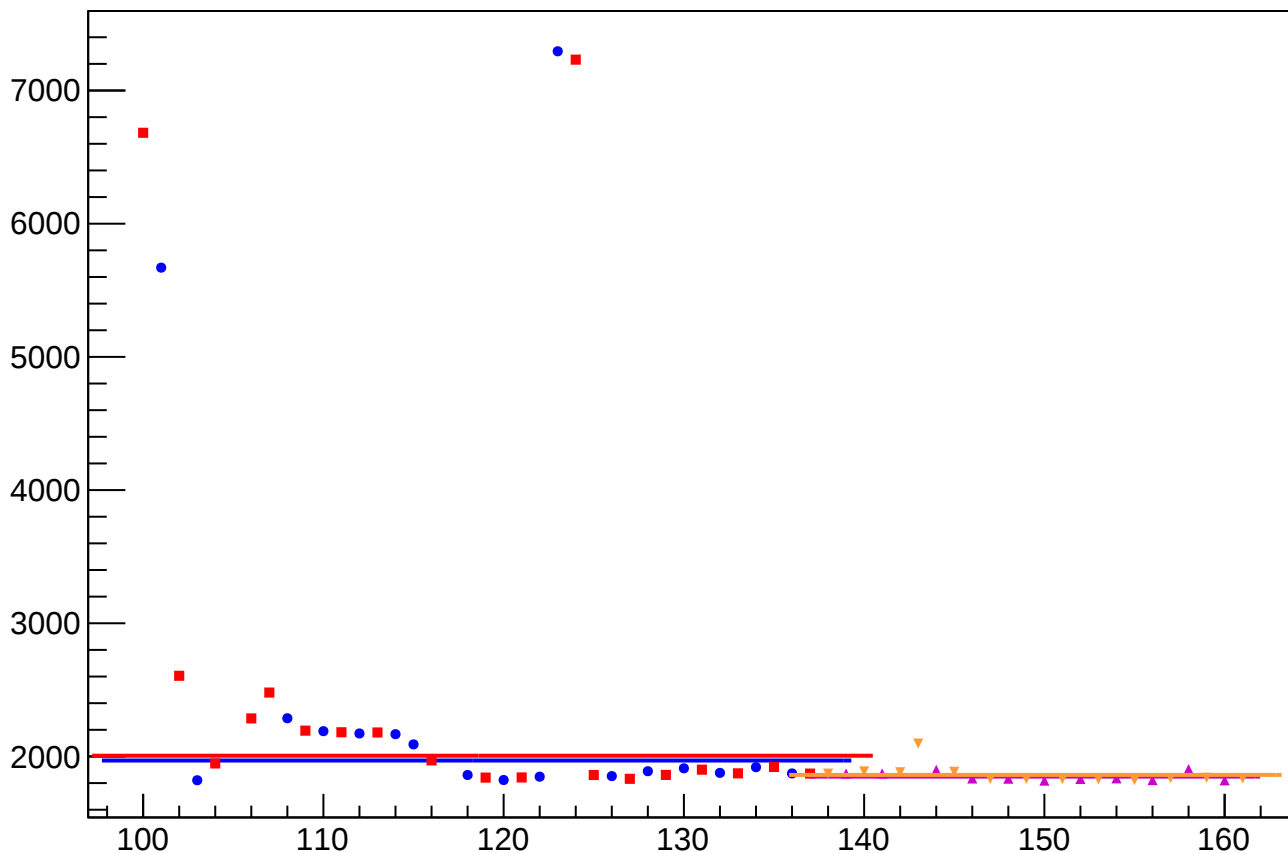
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -566.942+/-483.390 χ^2/NDF :37.3/27

Out: -454.529+/-470.501 χ^2/NDF :36.4/31

All: -509.217+/-337.159 χ^2/NDF : 73.7/59

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1861.521+/-0.420 χ^2/NDF : 23288.9/12

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

Left In: 1848.663+/-0.436 χ^2/NDF : 4740.6/10

Left: 1855.323+/-0.302 χ^2/NDF : 28480.6/23

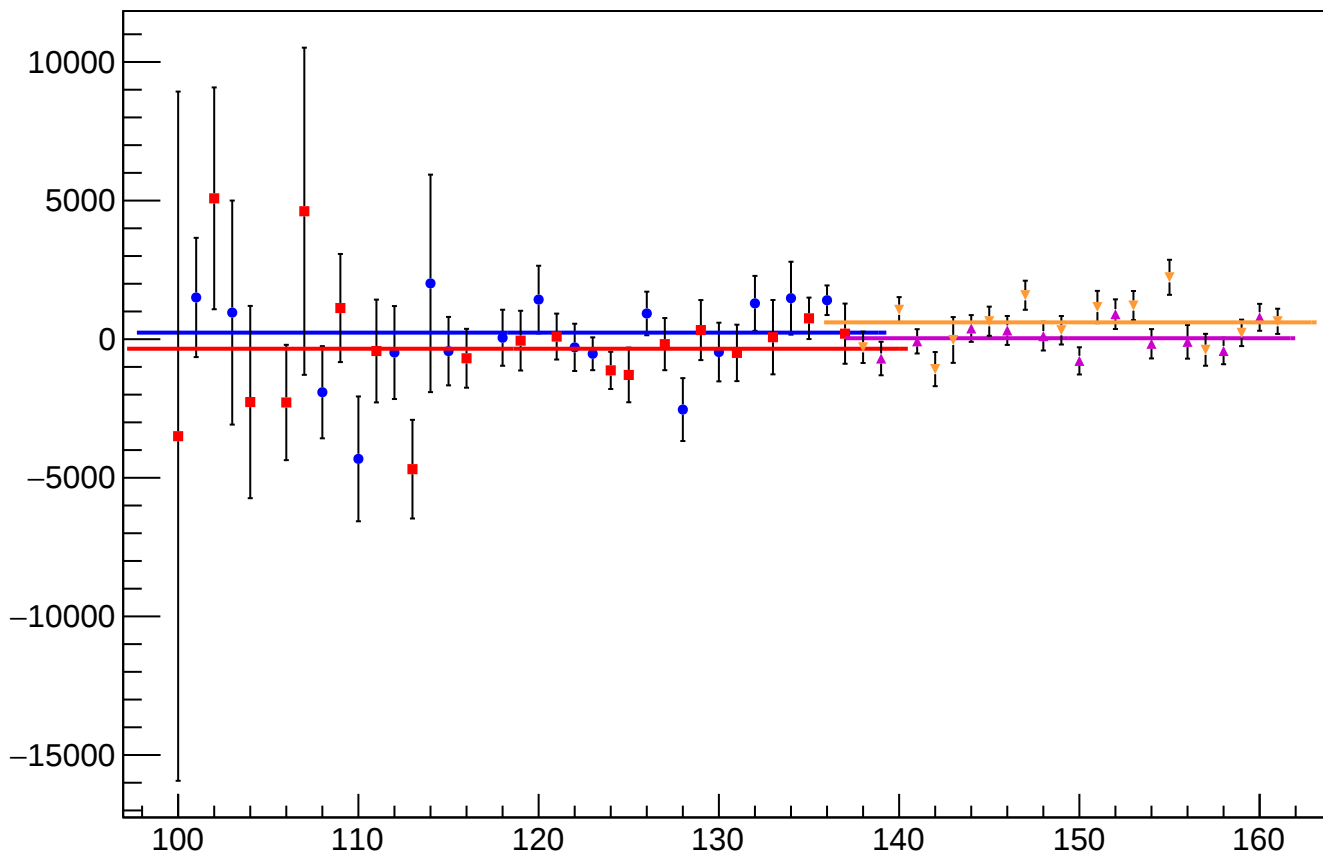
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1895.129+/-0.342 χ^2/NDF : 637127.2/27

Out: 1915.308+/-0.333 χ^2/NDF : 426787.2/31

All: 1905.491+/-0.238 χ^2/NDF : 1065704.3/59

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 607.471 $\pm$ 150.137 χ^2/NDF : 27.8/12

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

Left In: 34.962 $\pm$ 154.016 χ^2/NDF : 11.3/10

Left: 328.517 $\pm$ 107.508 χ^2/NDF : 46.2/23

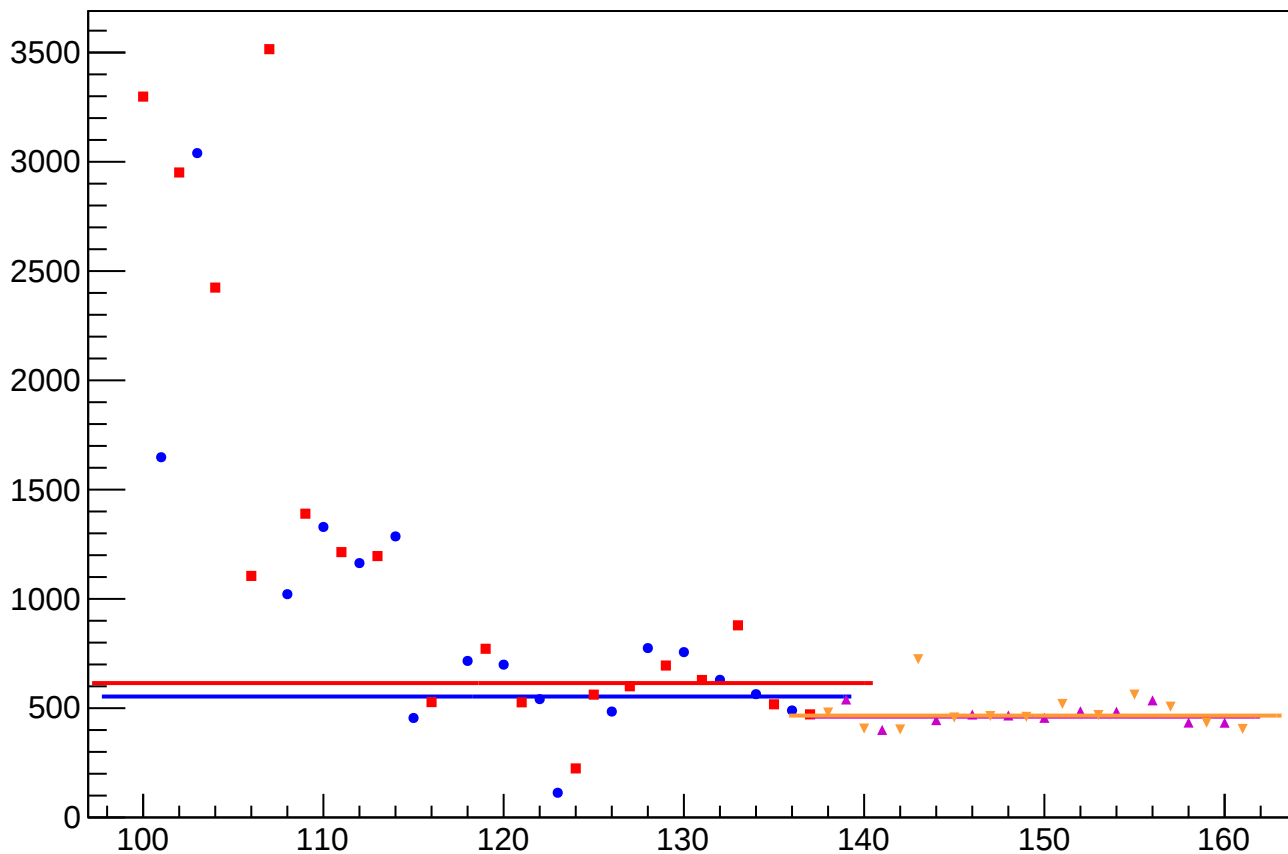
Right: -31.357 $\pm$ 182.424 χ^2/NDF : 42.4/35

In: 90.961 $\pm$ 130.927 χ^2/NDF : 35.6/27

Out: 380.794 $\pm$ 131.044 χ^2/NDF : 53.4/31

All: 235.748 $\pm$ 92.621 χ^2/NDF : 91.5/59

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 466.076 $\pm$ 0.106 χ^2 /NDF: 370613.6/12

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

Left In: 461.267 $\pm$ 0.109 χ^2 /NDF: 126461.9/10

Left: 463.733 $\pm$ 0.076 χ^2 /NDF: 498075.3/23

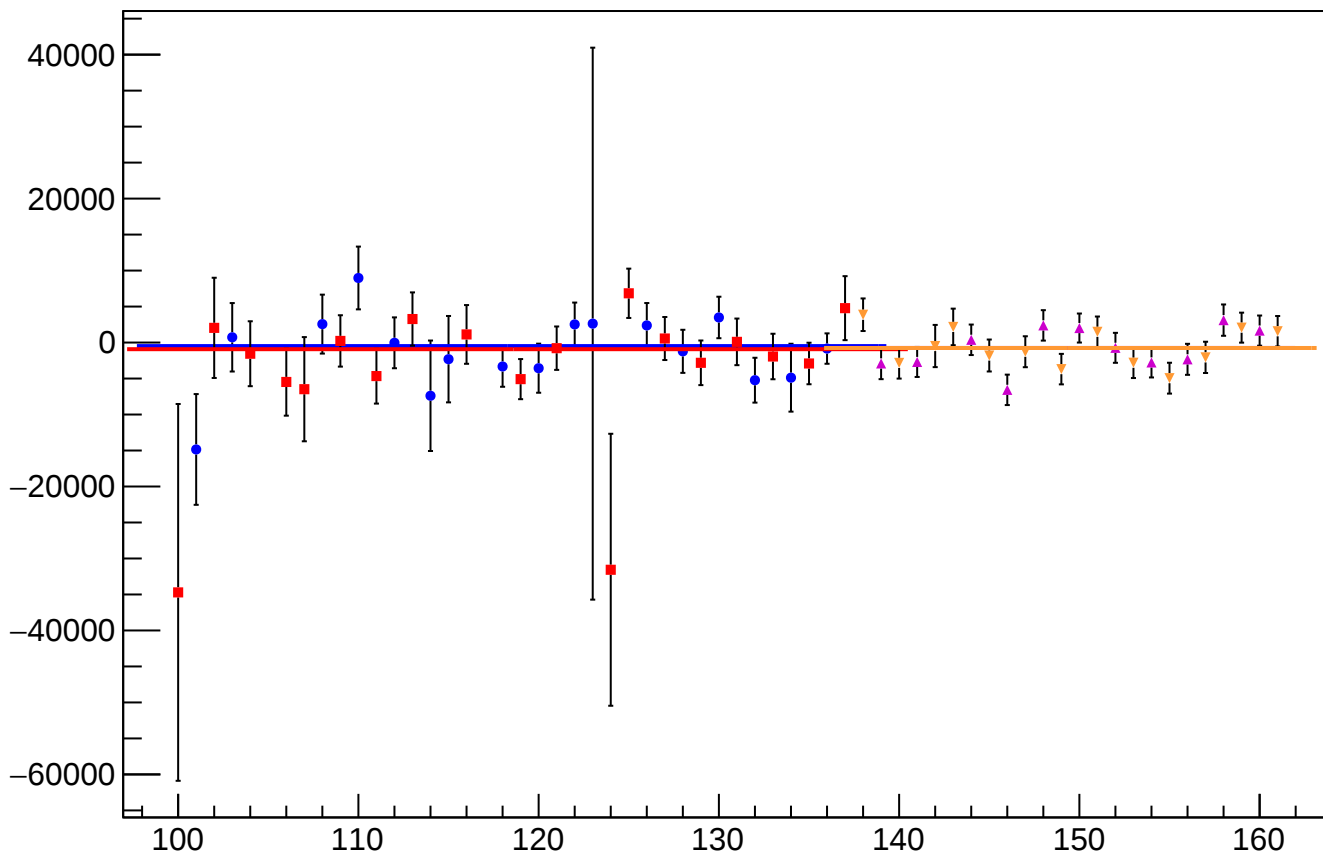
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 486.787 $\pm$ 0.093 χ^2 /NDF: 3737195.8/27

Out: 501.505 $\pm$ 0.093 χ^2 /NDF: 4407825.1/31

All: 494.139 $\pm$ 0.065 χ^2 /NDF: 8157645.2/59

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -755.791+/-614.903 χ^2/NDF : 17.9/12

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

Left In: -750.835+/-636.068 χ^2/NDF : 19.7/10

Left: -753.397+/-442.095 χ^2/NDF : 37.6/23

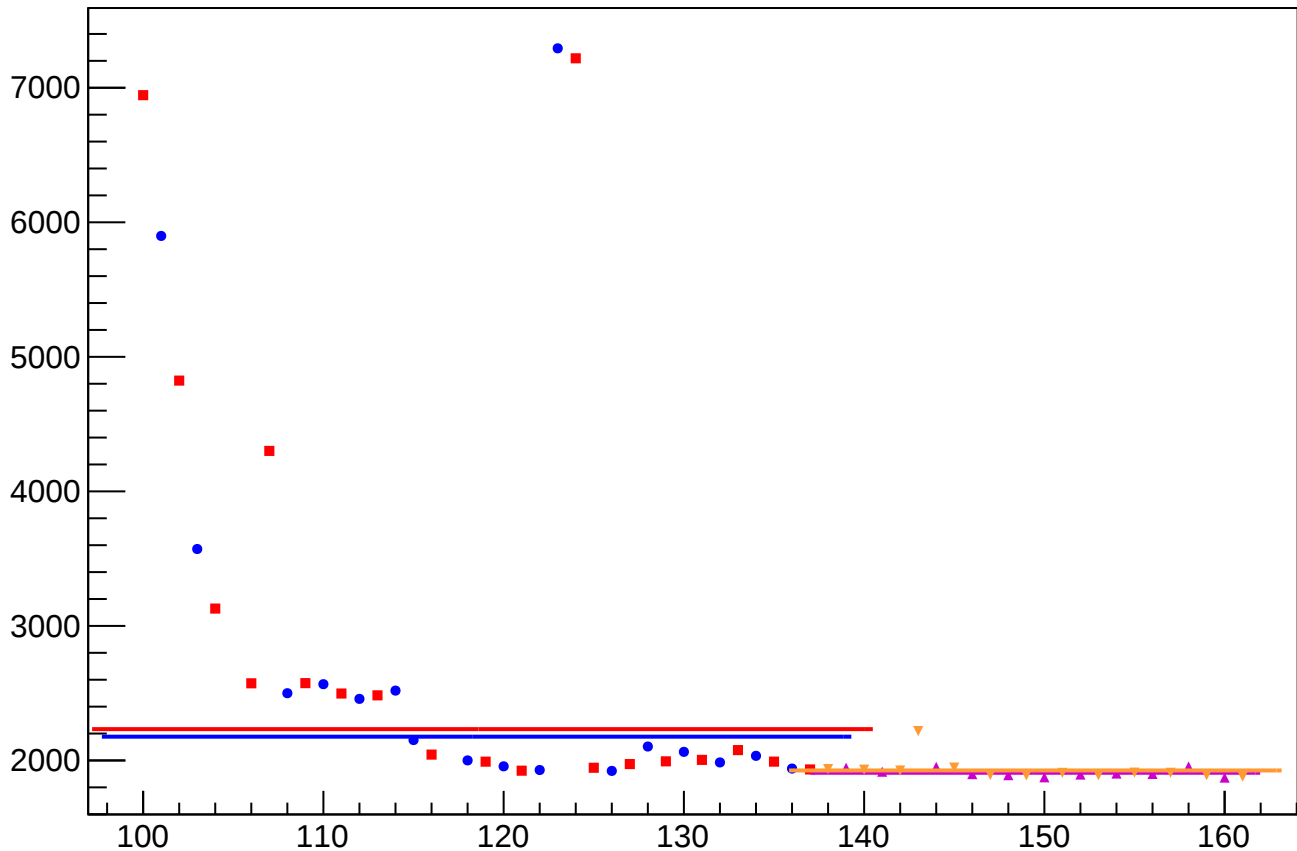
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -660.381+/-513.057 χ^2/NDF : 38.4/27

Out: -811.243+/-501.884 χ^2/NDF : 36.8/31

All: -737.473+/-358.771 χ^2/NDF : 75.3/59

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1925.628 $\pm$ 0.435 χ^2 /NDF: 30414.1/12

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

Left In: 1908.617 $\pm$ 0.450 χ^2 /NDF: 3850.3/10

Left: 1917.410 $\pm$ 0.313 χ^2 /NDF: 35003.8/23

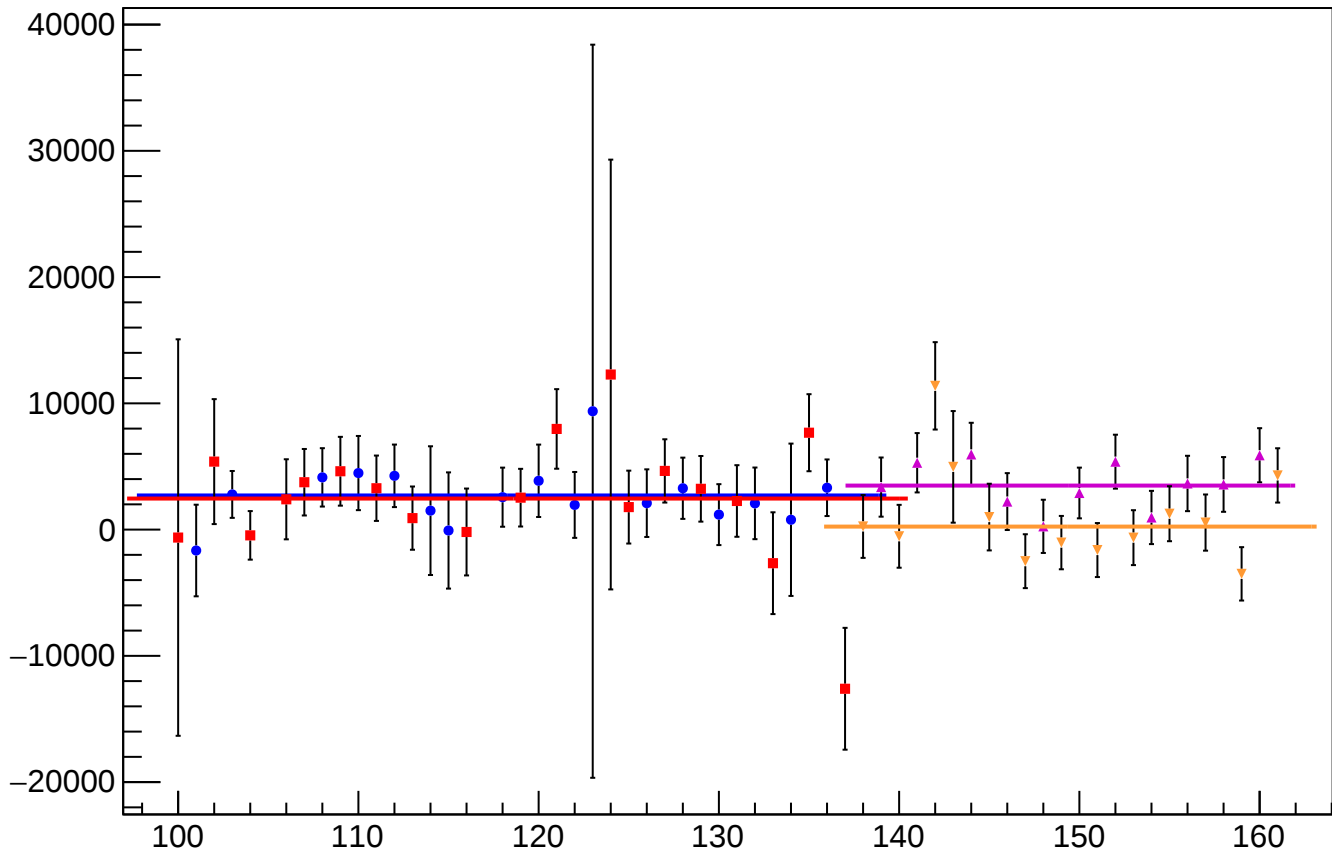
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2002.297 $\pm$ 0.363 χ^2 /NDF: 930697.9/27

Out: 2028.195 $\pm$ 0.355 χ^2 /NDF: 1087662.6/31

All: 2015.531 $\pm$ 0.254 χ^2 /NDF: 2020964.5/59

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 238.162 $\pm$ 655.530 χ^2 /NDF:21.6/12

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

Left In: 3486.308 $\pm$ 663.019 χ^2 /NDF:7.8/10

Left: 1843.785 $\pm$ 466.155 χ^2 /NDF: 41.5/23

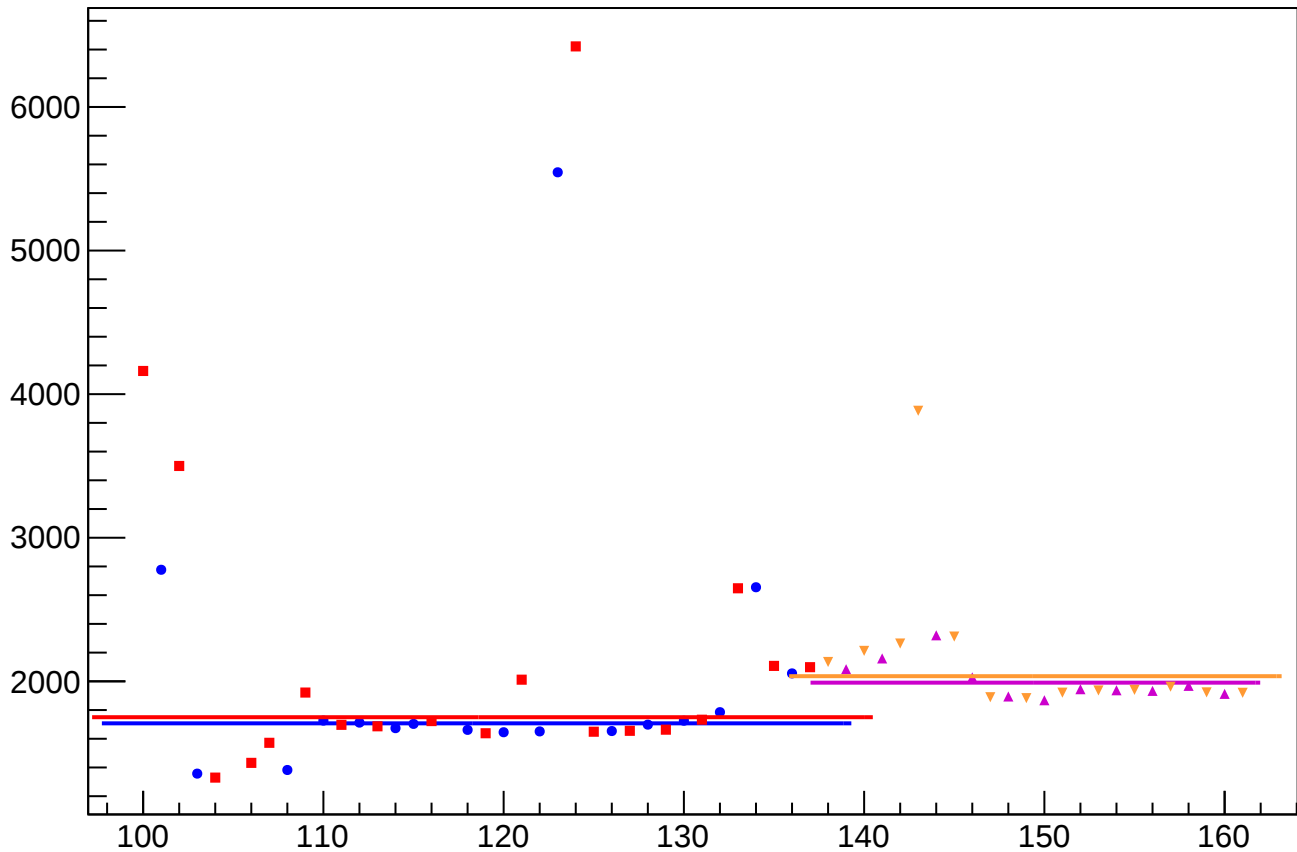
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3101.277 $\pm$ 472.625 χ^2 /NDF:12.5/27

Out: 1303.495 $\pm$ 472.820 χ^2 /NDF:50.3/31

All: 2202.757 $\pm$ 334.265 χ^2 /NDF: 70.0/59

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2035.749 ± 0.464 $\chi^2/\text{NDF}: 440693.5/12$

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

Left In: 1990.713 ± 0.469 $\chi^2/\text{NDF}: 66691.6/10$

Left: 2013.487 ± 0.330 $\chi^2/\text{NDF}: 512051.5/23$

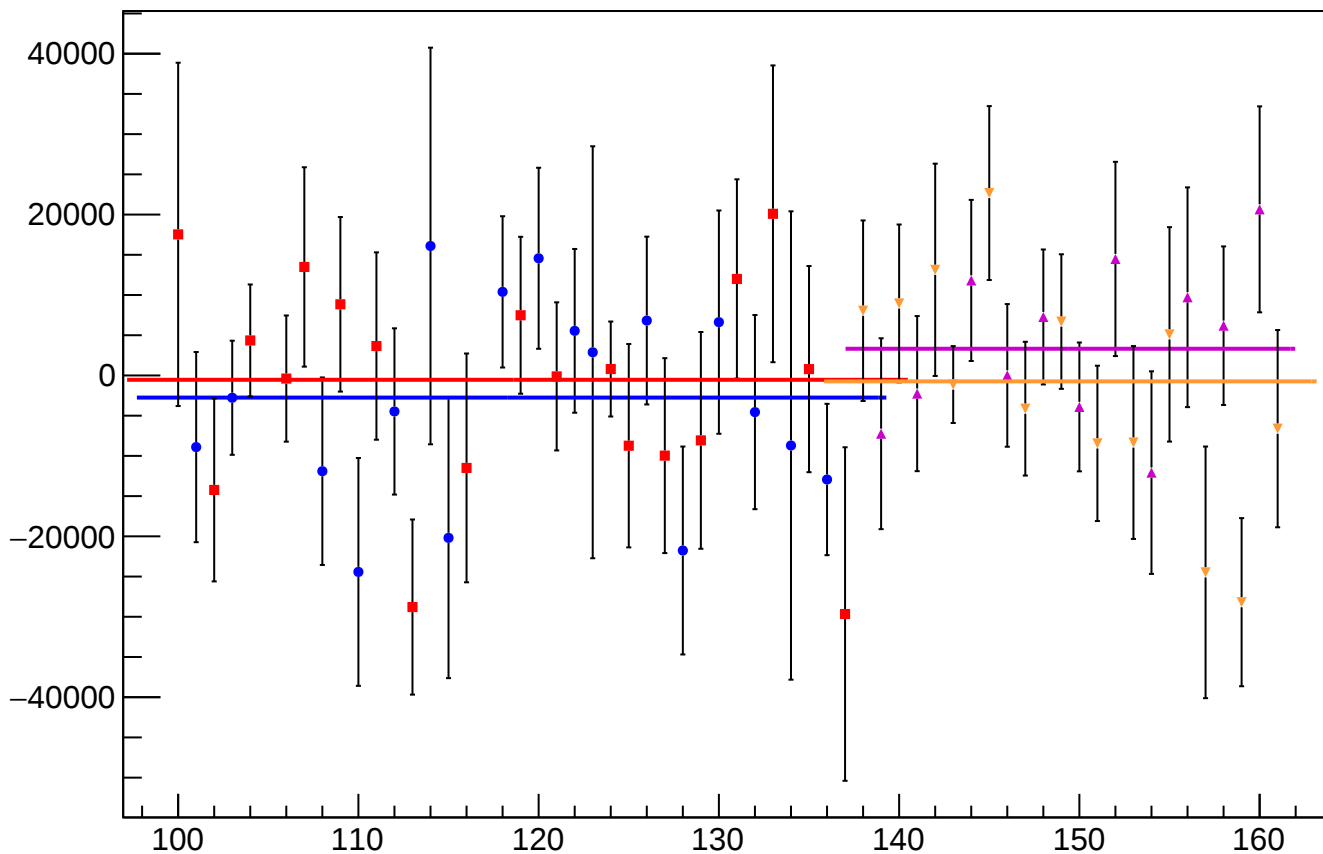
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1851.355 ± 0.334 $\chi^2/\text{NDF}: 668495.8/27$

Out: 1898.675 ± 0.334 $\chi^2/\text{NDF}: 1369418.4/31$

All: 1875.008 ± 0.236 $\chi^2/\text{NDF}: 2047936.0/59$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -736.829+/-2596.251 χ^2/NDF : 19.0/12

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

Left In: 3319.312+/-3082.200 χ^2/NDF : 7.5/10

Left: 946.649+/-1985.675 χ^2/NDF : 27.5/23

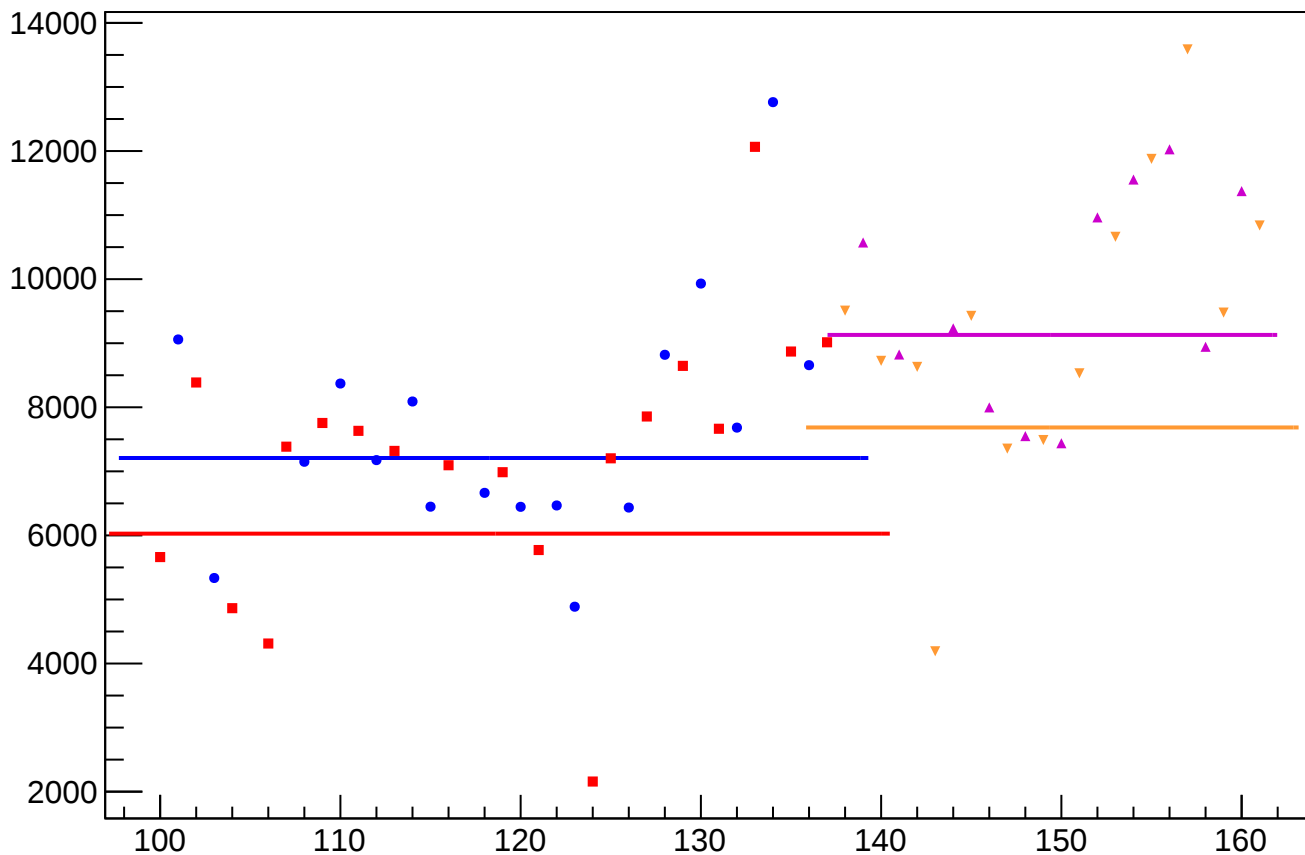
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: 39.008+/-2089.520 χ^2/NDF : 24.2/27

Out: -630.878+/-1772.176 χ^2/NDF : 37.5/31

All: -350.615+/-1351.540 χ^2/NDF : 61.7/59

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7684.972+/-1.836 χ^2/NDF : 2022691.3/12

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

Left In: 9129.544+/-2.179 χ^2/NDF : 496917.7/10

Left: 8284.534+/-1.404 χ^2/NDF : 2776595.1/23

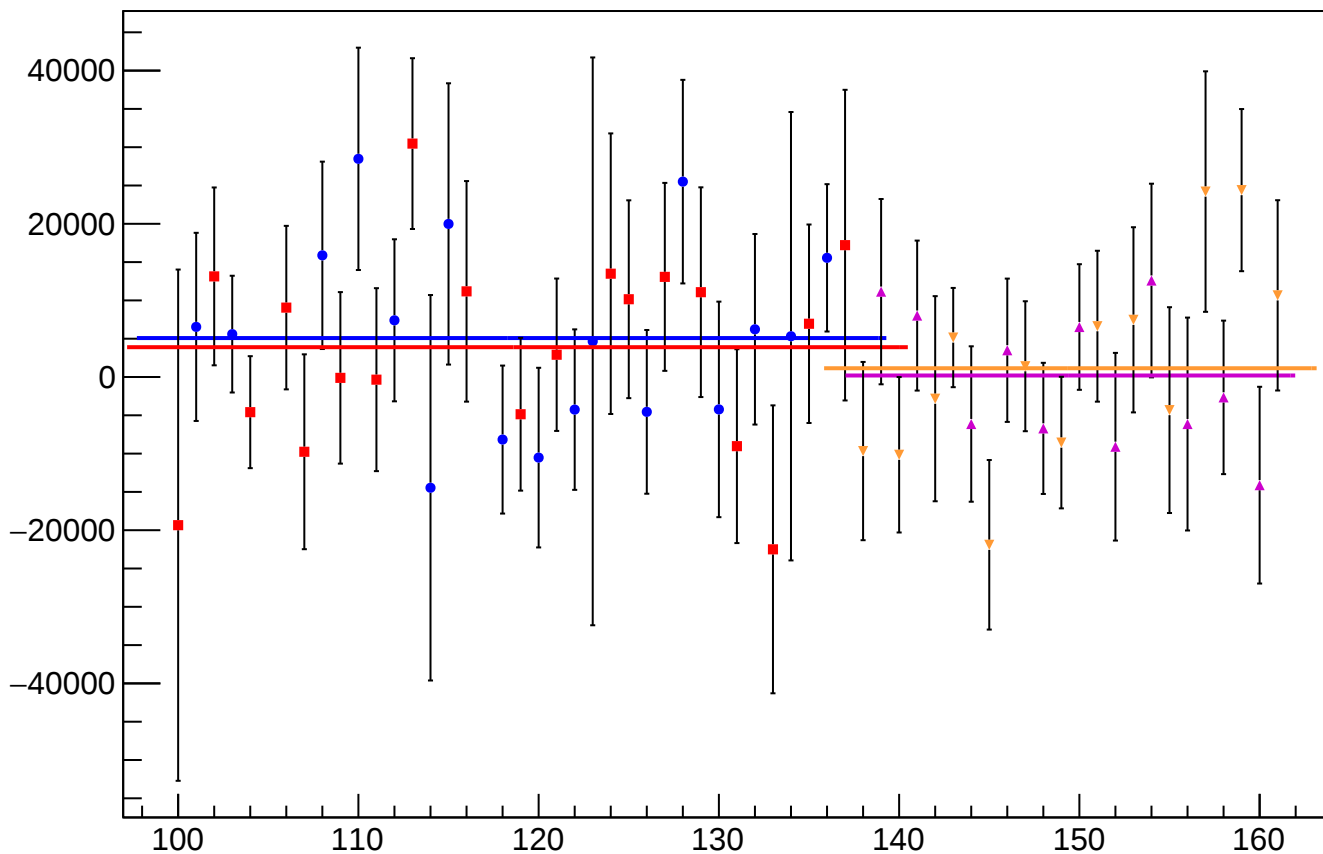
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8091.311+/-1.478 χ^2/NDF : 1410596.3/27

Out: 6799.717+/-1.253 χ^2/NDF : 4256235.6/31

All: 7340.086+/-0.956 χ^2/NDF : 6111291.8/59

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1143.895+/-2836.693 χ^2/NDF : 16.5/12

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

Left In: 197.250+/-3145.732 χ^2/NDF : 6.3/10

Left: 719.344+/-2106.654 χ^2/NDF : 22.8/23

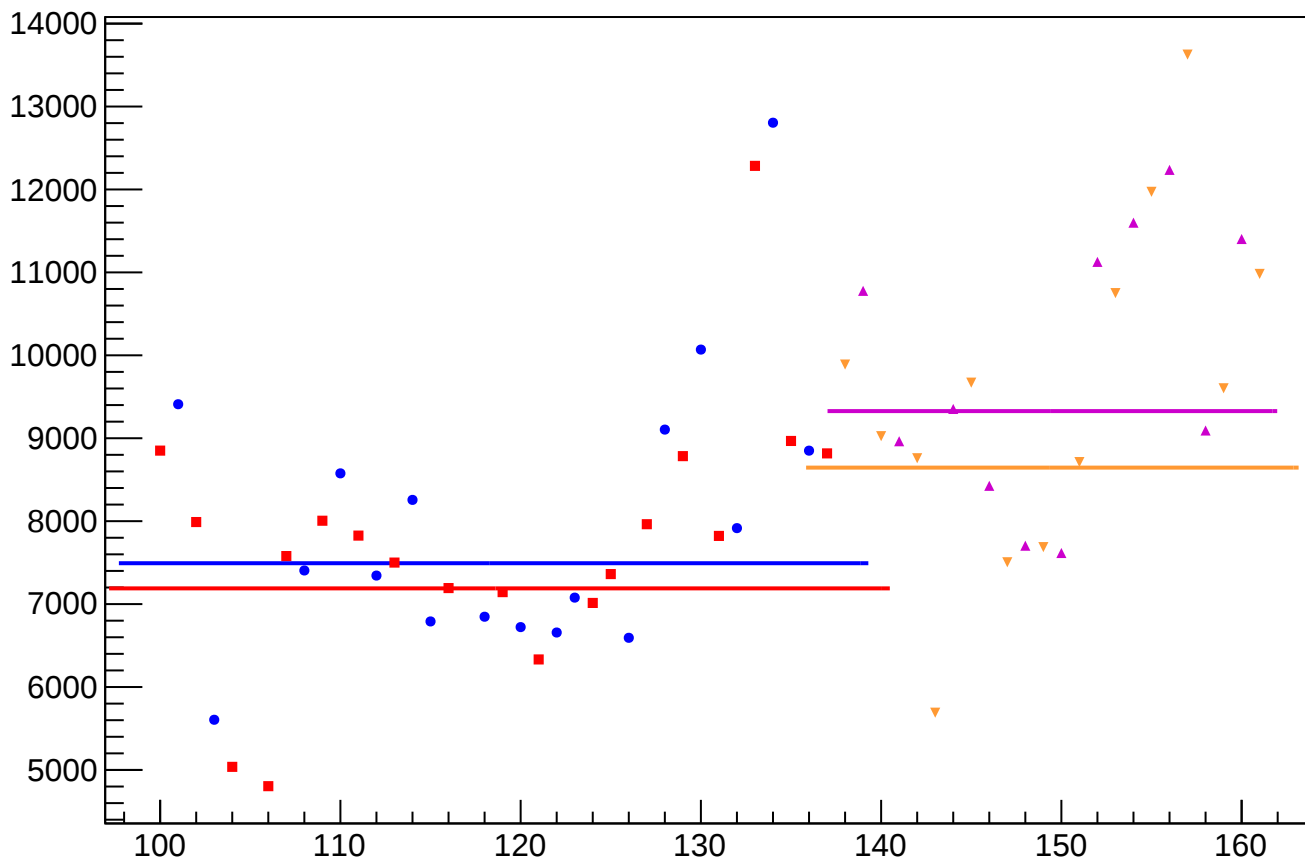
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 2793.386+/-2153.869 χ^2/NDF : 21.5/27

Out: 2540.622+/-1989.229 χ^2/NDF : 32.7/31

All: 2656.975+/-1461.340 χ^2/NDF : 54.2/59

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8645.811+/-2.006 χ^2/NDF : 991798.0/12

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

Left In: 9327.298+/-2.224 χ^2/NDF : 457803.7/10

Left: 8951.444+/-1.490 χ^2/NDF : 1501369.9/23

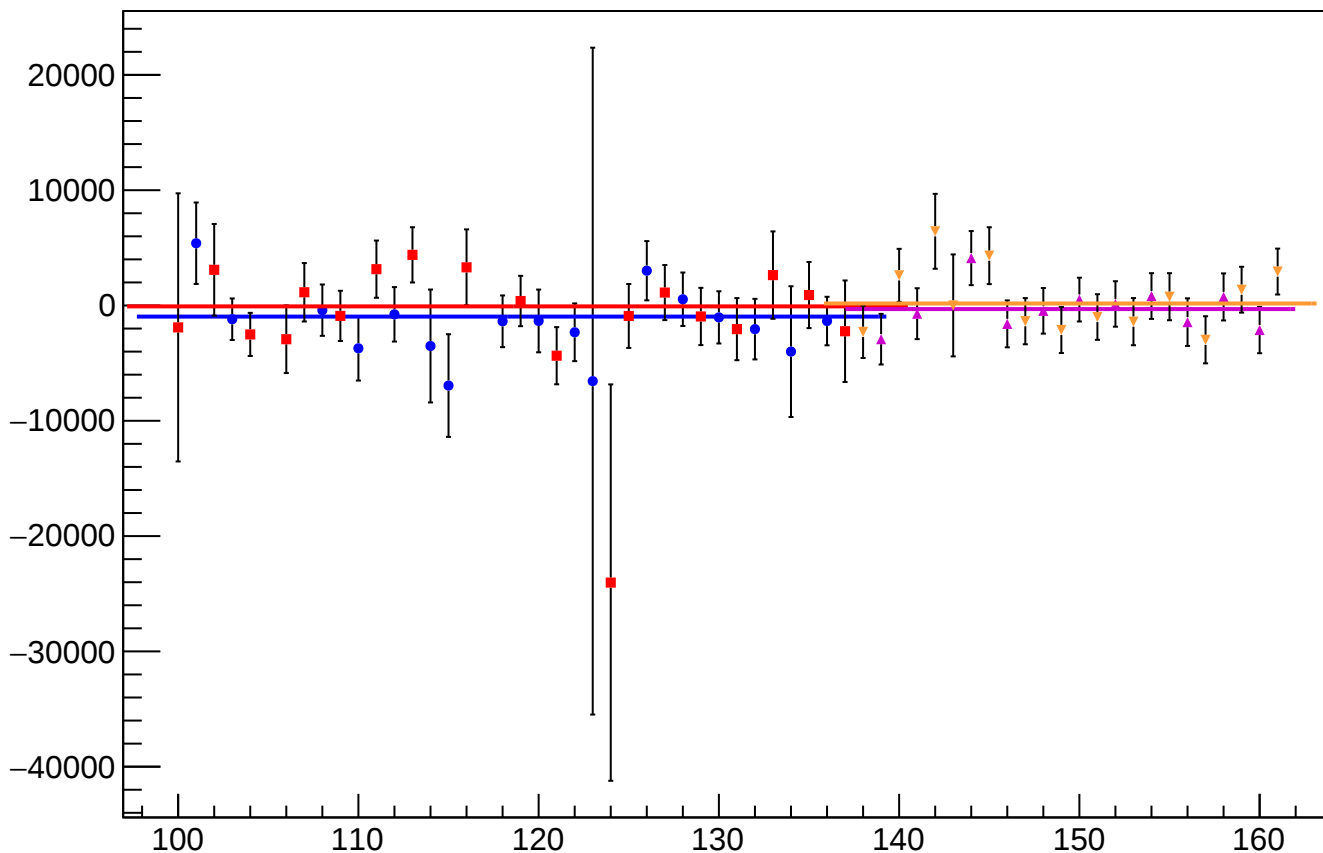
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8352.866+/-1.523 χ^2/NDF : 1256154.0/27

Out: 7905.550+/-1.407 χ^2/NDF : 1820634.9/31

All: 8111.449+/-1.033 χ^2/NDF : 3123346.0/59

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 173.979+/-611.529 χ^2/NDF : 16.5/12

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

Left In: -311.076+/-619.843 χ^2/NDF : 7.4/10

Left: -65.273+/-435.326 χ^2/NDF : 24.1/23

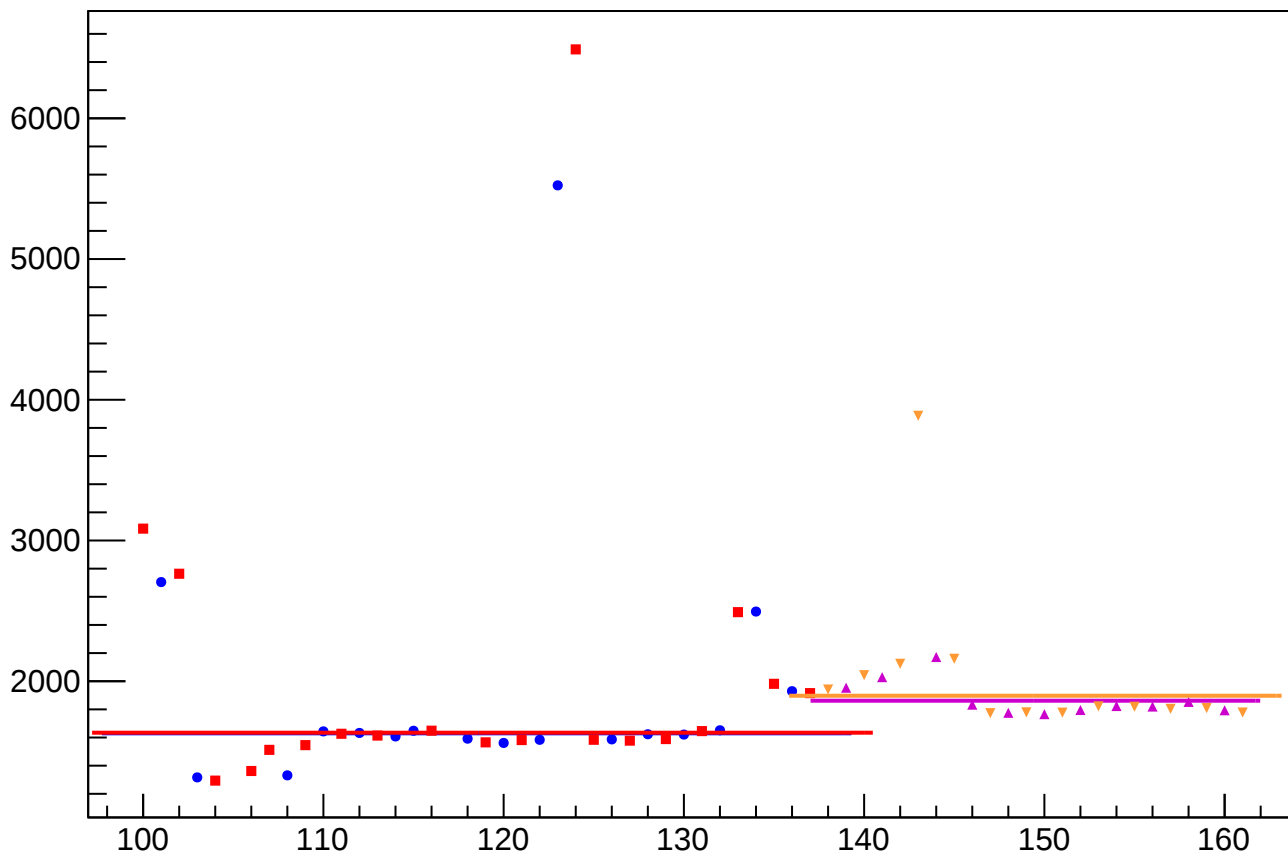
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -624.854+/-446.266 χ^2/NDF : 18.0/27

Out: 53.036+/-439.973 χ^2/NDF : 33.3/31

All: -281.096+/-313.309 χ^2/NDF : 52.4/59

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1896.920+/-0.432 χ^2/NDF : 488881.9/12

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

Left In: 1861.528+/-0.438 χ^2/NDF : 65378.1/10

Left: 1879.463+/-0.308 χ^2/NDF : 557564.3/23

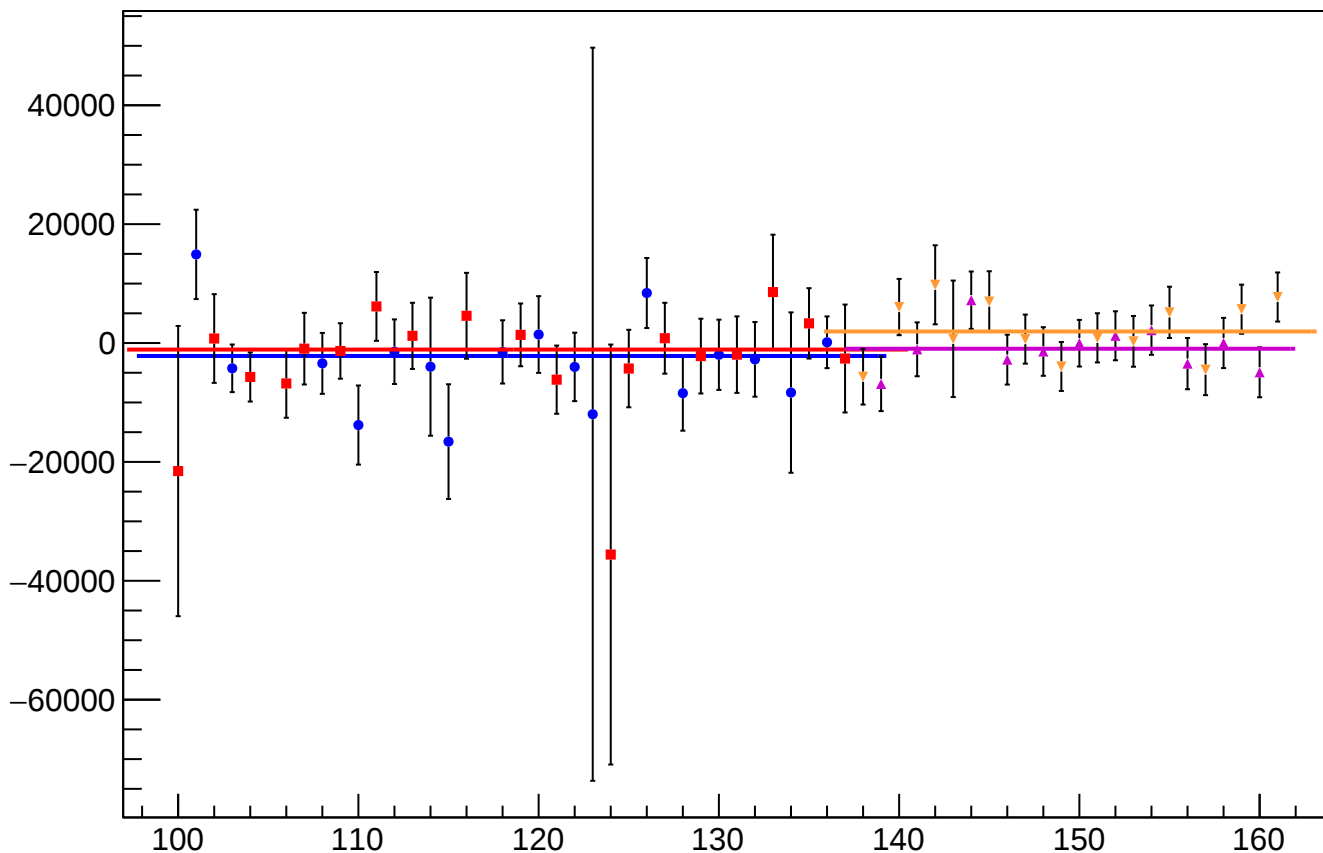
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1749.990+/-0.316 χ^2/NDF : 607984.6/27

Out: 1770.219+/-0.311 χ^2/NDF : 1255513.1/31

All: 1760.248+/-0.222 χ^2/NDF : 1865581.7/59

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1944.257+/-1271.985 χ^2/NDF :13.7/12

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

Left In: -964.037+/-1286.453 χ^2/NDF :6.9/10

Left: 506.557+/-904.501 χ^2/NDF : 23.2/23

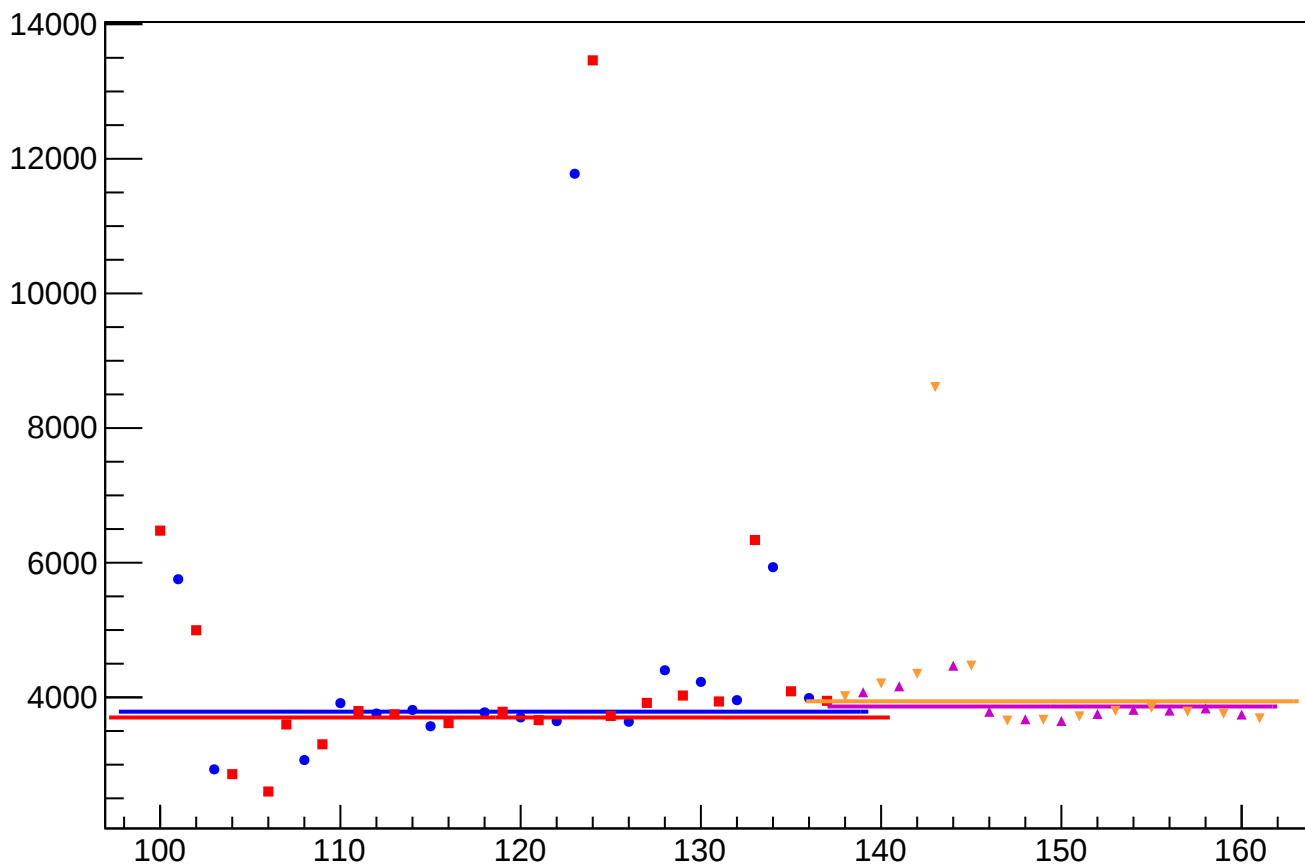
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1481.822+/-974.578 χ^2/NDF :23.3/27

Out: 610.547+/-953.271 χ^2/NDF :25.5/31

All: -412.515+/-681.473 χ^2/NDF : 51.2/59

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3941.427+/-0.899 χ^2/NDF : 531615.2/12

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

Left In: 3864.239+/-0.910 χ^2/NDF : 59358.2/10

Left: 3903.270+/-0.640 χ^2/NDF : 594614.1/23

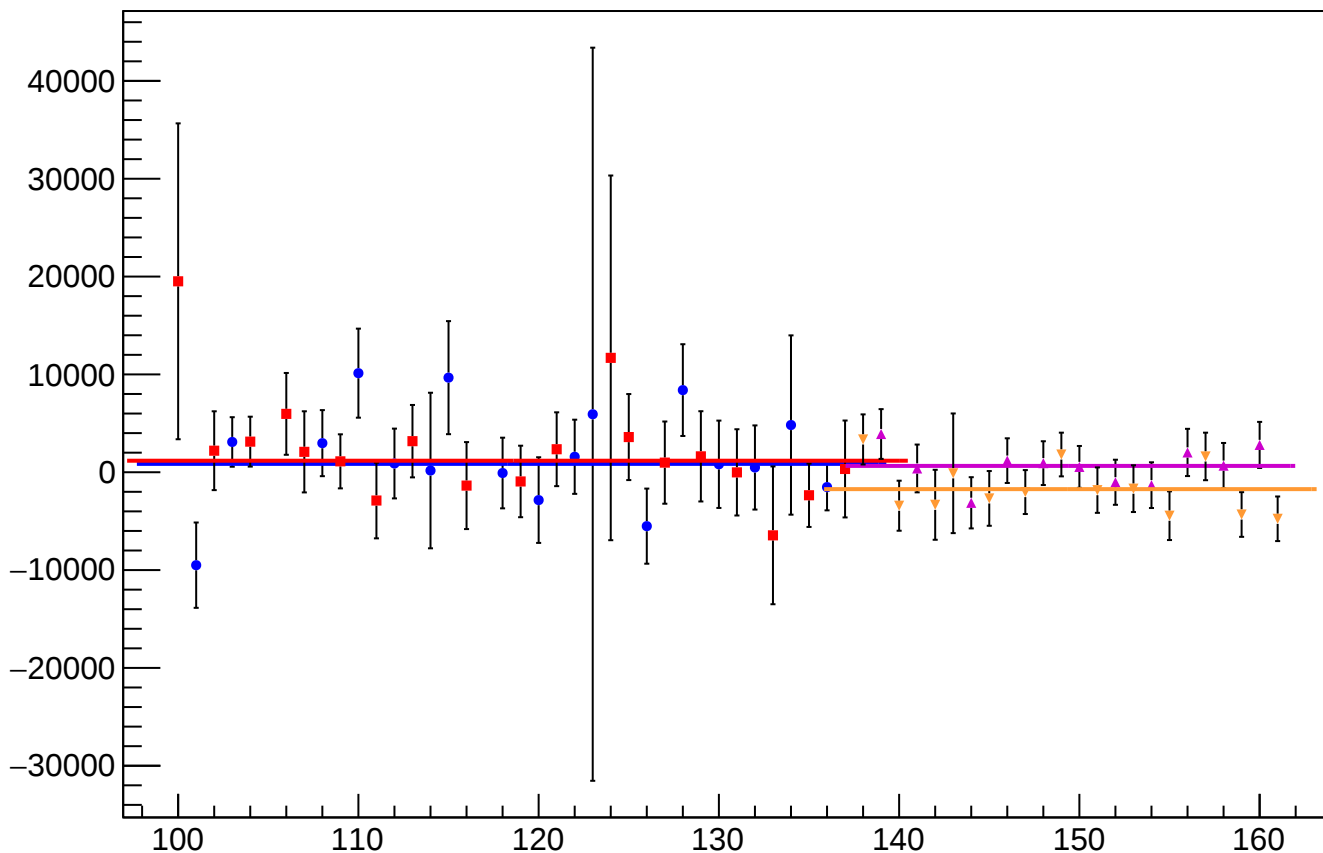
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3831.457+/-0.689 χ^2/NDF : 455057.0/27

Out: 3836.005+/-0.674 χ^2/NDF : 1144050.7/31

All: 3833.781+/-0.482 χ^2/NDF : 1599130.0/59

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1726.384+/-704.788 χ^2/NDF :13.4/12

Right Out: 1178.044+/-925.669 χ^2/NDF : 8.6/18

Left In: 648.116+/-709.245 χ^2/NDF :6.2/10

Left: -546.617+/-499.929 χ^2/NDF : 25.3/23

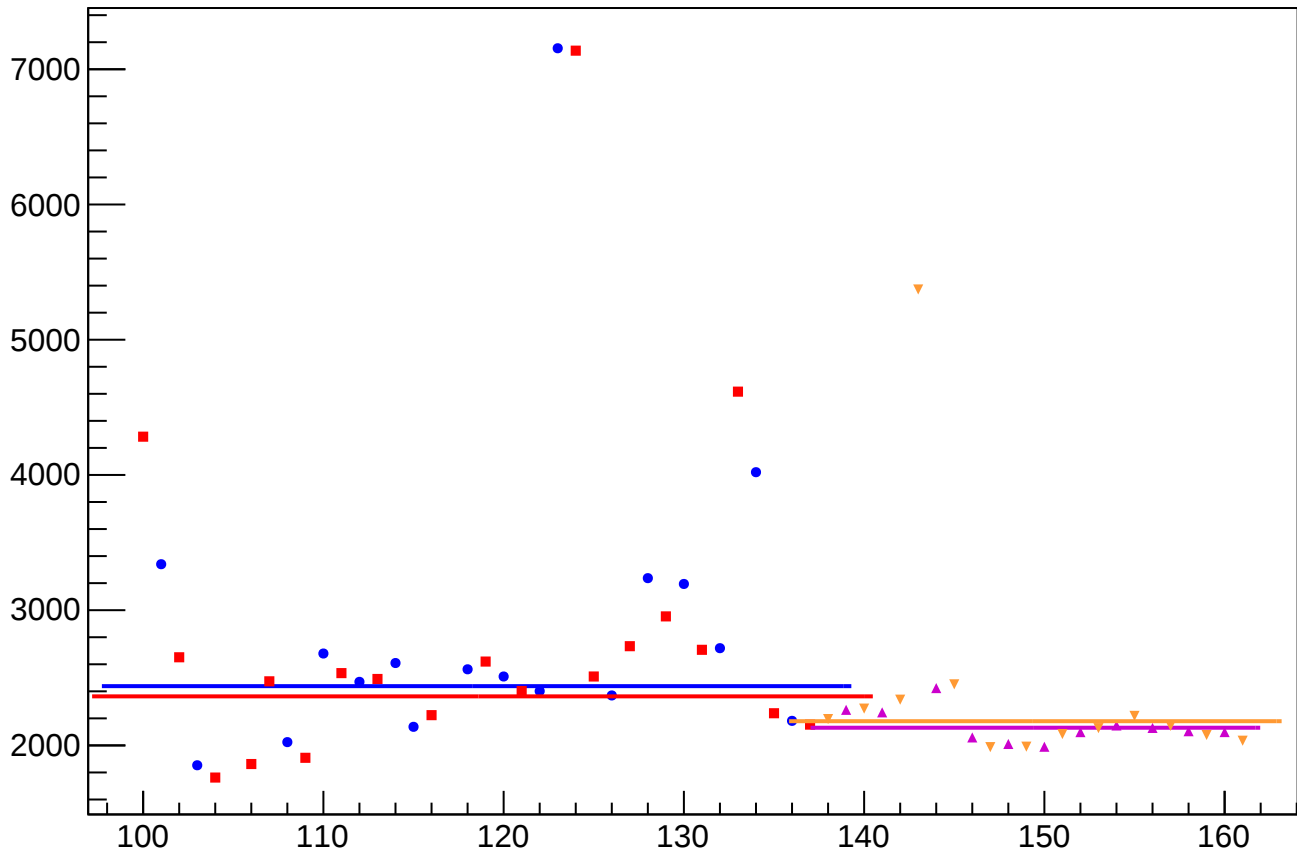
Right: 1023.765+/-667.934 χ^2/NDF : 29.3/35

In: 721.117+/-571.439 χ^2/NDF :26.9/27

Out: -660.547+/-560.752 χ^2/NDF :28.2/31

All: 17.244+/-400.237 χ^2/NDF : 58.1/59

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2179.068 ± 0.498 $\chi^2/NDF: 616718.1/12$

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

Left In: 2130.791 ± 0.502 $\chi^2/NDF: 52332.8/10$

Left: 2155.081 ± 0.354 $\chi^2/NDF: 673713.3/23$

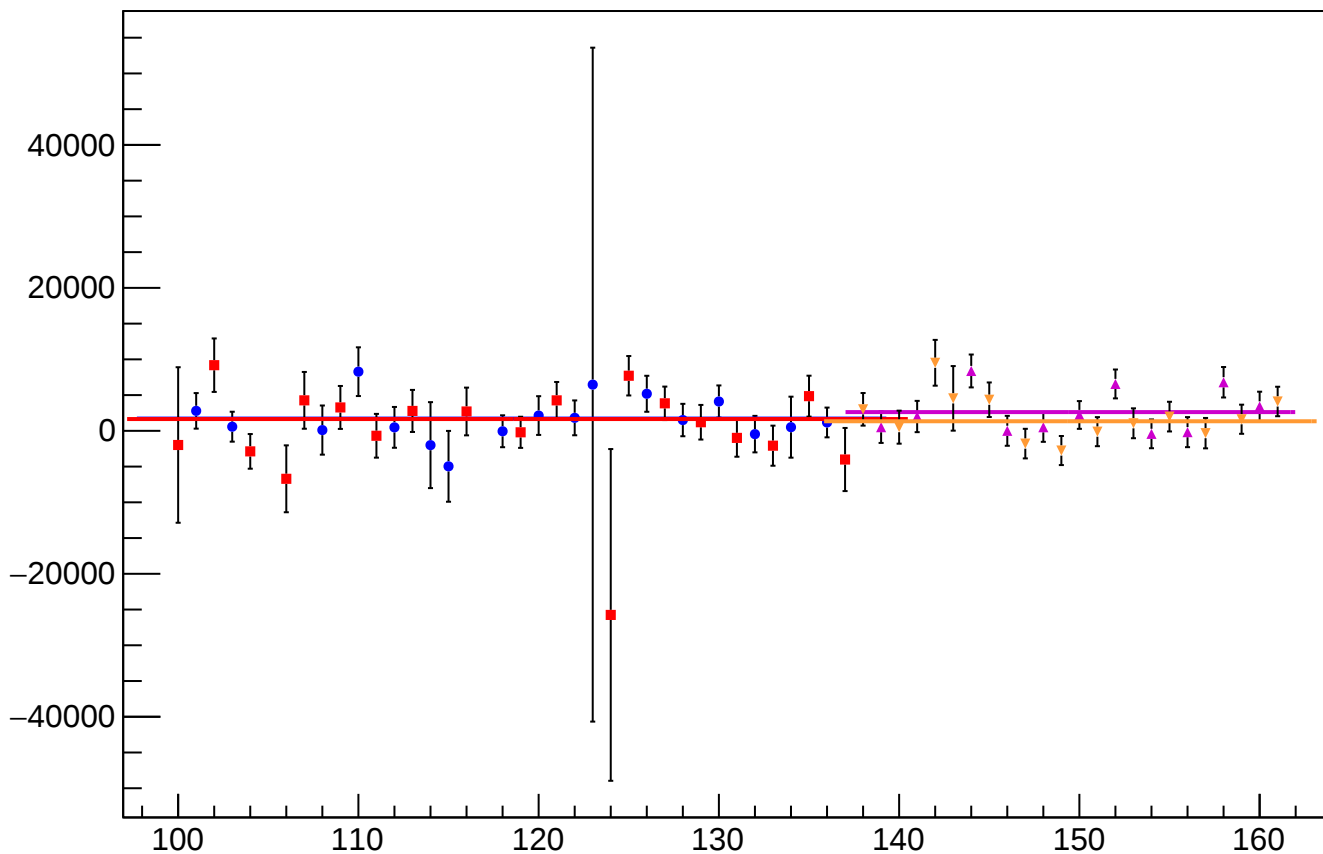
Right: 2398.946 ± 0.472 $\chi^2/NDF: 1140632.3/35$

In: 2238.671 ± 0.404 $\chi^2/NDF: 660943.2/27$

Out: 2246.470 ± 0.397 $\chi^2/NDF: 1324089.2/31$

All: 2242.644 ± 0.283 $\chi^2/NDF: 1985222.2/59$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1340.387 $\pm$ 623.474 χ^2/NDF : 18.6/12

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

Left In: 2621.993 $\pm$ 631.041 χ^2/NDF : 21.8/10

Left: 1973.460 $\pm$ 443.514 χ^2/NDF : 42.5/23

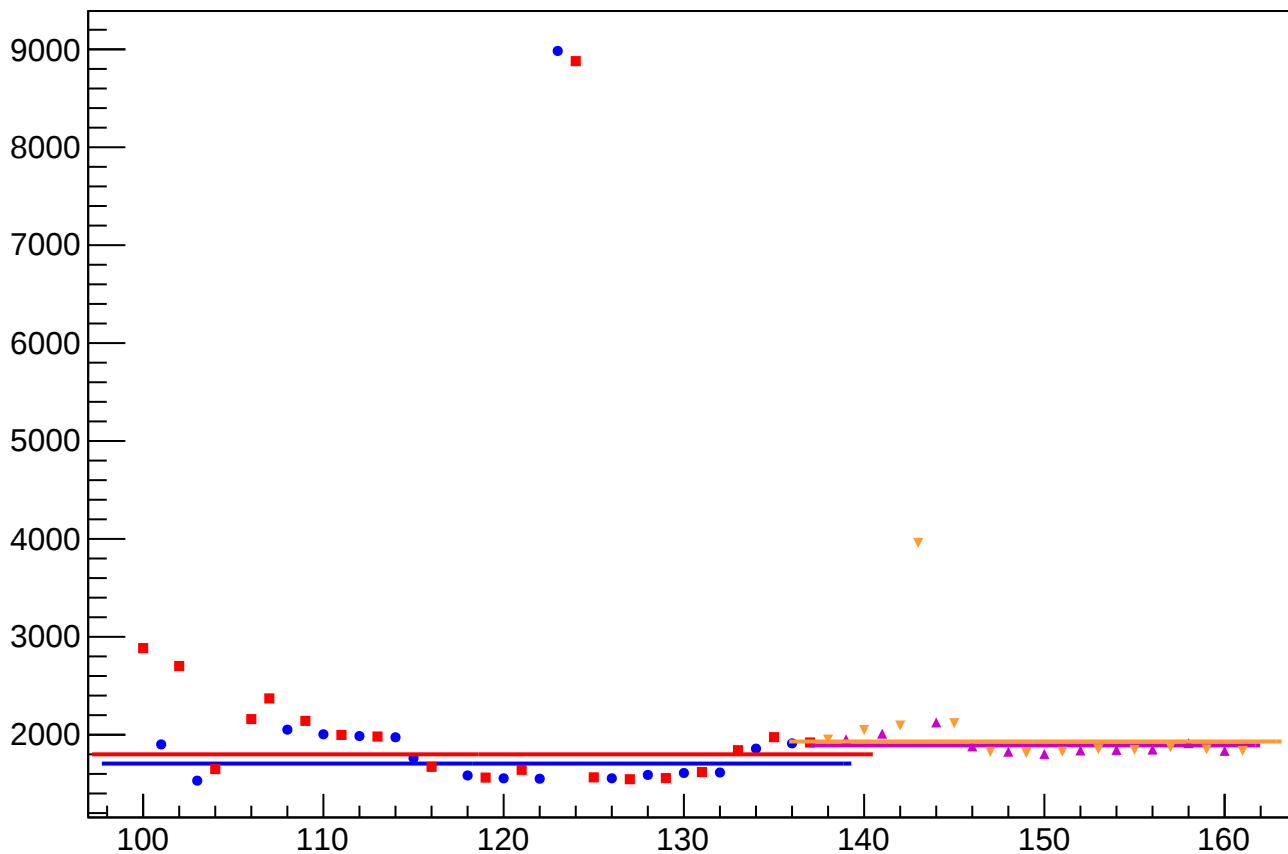
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2192.556 $\pm$ 458.447 χ^2/NDF : 34.1/27

Out: 1478.837 $\pm$ 463.883 χ^2/NDF : 45.7/31

All: 1839.903 $\pm$ 326.076 χ^2/NDF : 81.0/59

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.252 $\pm$ 0.441 χ^2 /NDF: 458131.3/12

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

Left In: 1891.399 $\pm$ 0.446 χ^2 /NDF: 39353.5/10

Left: 1911.566 $\pm$ 0.314 χ^2 /NDF: 501521.5/23

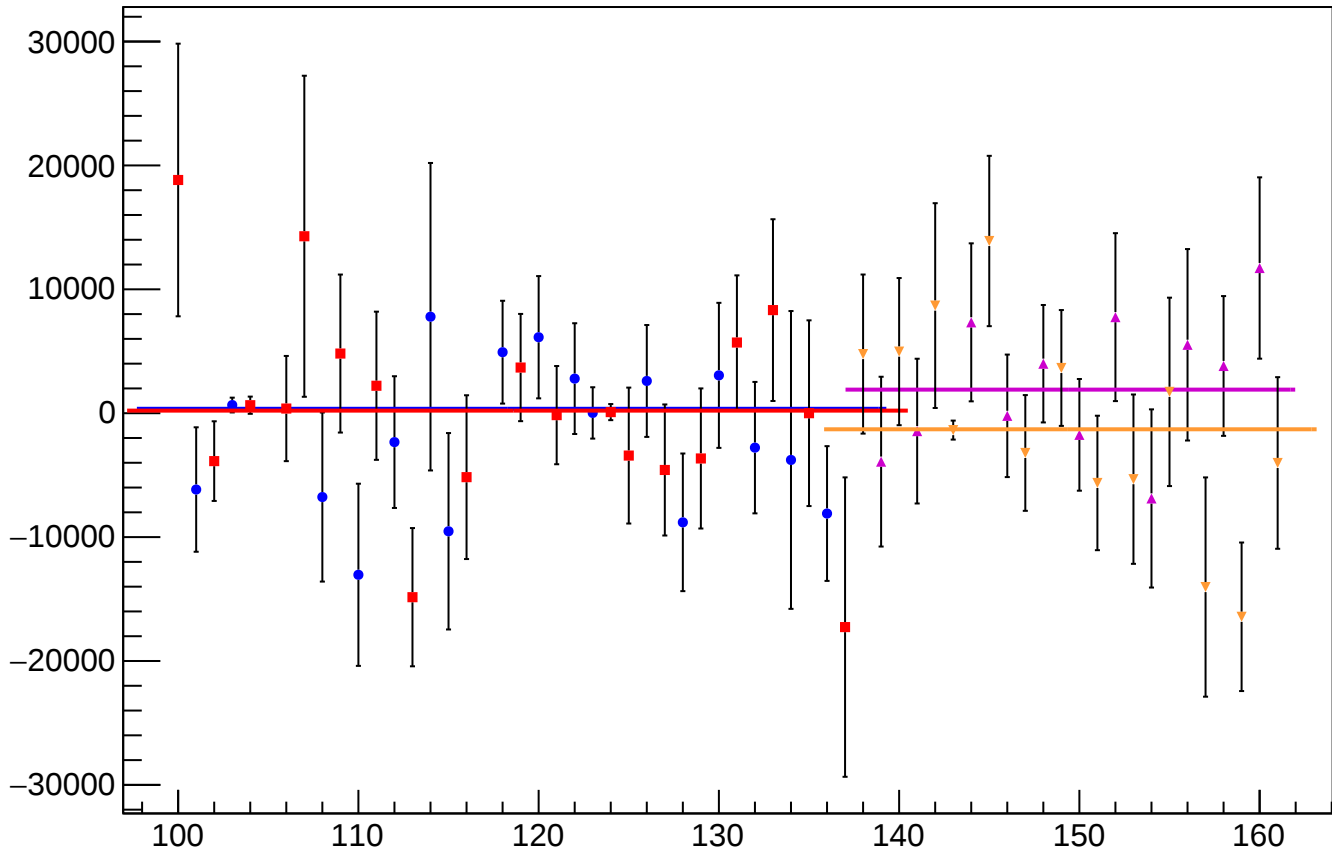
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1803.674 $\pm$ 0.324 χ^2 /NDF: 315378.0/27

Out: 1872.513 $\pm$ 0.328 χ^2 /NDF: 1036580.5/31

All: 1837.722 $\pm$ 0.230 χ^2 /NDF: 1374261.6/59

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1297.791 $\pm$ 703.973 χ^2 /NDF:19.4/12

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

Left In: 1903.983 $\pm$ 1773.956 χ^2 /NDF:7.2/10

Left: -862.176 $\pm$ 654.333 χ^2 /NDF: 29.4/23

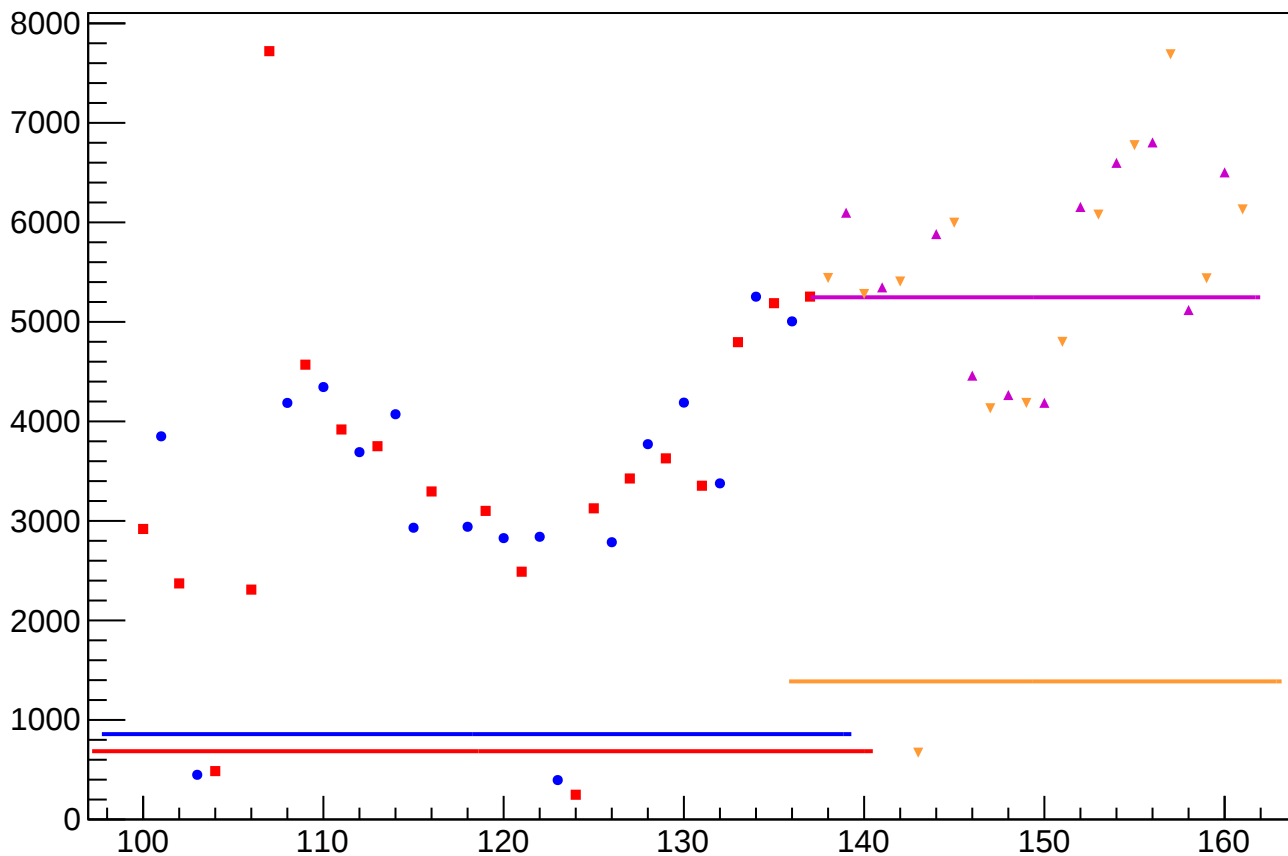
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 485.206 $\pm$ 510.641 χ^2 /NDF:25.4/27

Out: -222.792 $\pm$ 377.130 χ^2 /NDF:44.0/31

All: 27.087 $\pm$ 303.364 χ^2 /NDF: 70.7/59

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1387.397 $\pm$ 0.498 χ^2 /NDF:11785514.7/12

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

Left In: 5247.131 $\pm$ 1.254 χ^2 /NDF:545868.1/10

Left: 1912.530 $\pm$ 0.463 χ^2 /NDF: 20511240.4/23

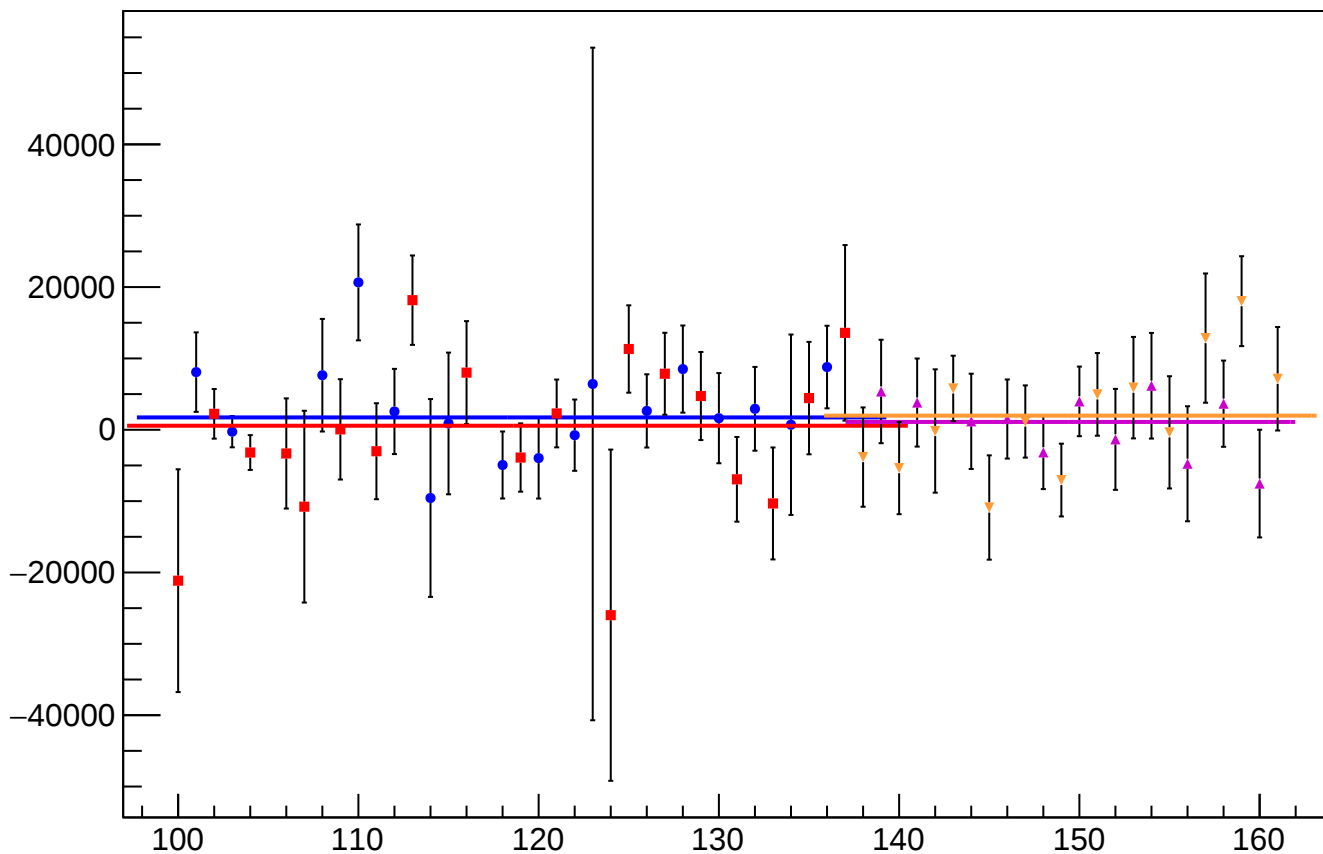
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1221.199 $\pm$ 0.361 χ^2 /NDF:19952731.2/27

Out: 887.154 $\pm$ 0.267 χ^2 /NDF:22663031.0/31

All: 1005.051 $\pm$ 0.215 χ^2 /NDF: 43169566.5/55

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1980.905+/-1757.061 χ^2/NDF : 18.1/12

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

Left In: 1097.093+/-1894.579 χ^2/NDF : 4.2/10

Left: 1572.236+/-1288.306 χ^2/NDF : 22.4/23

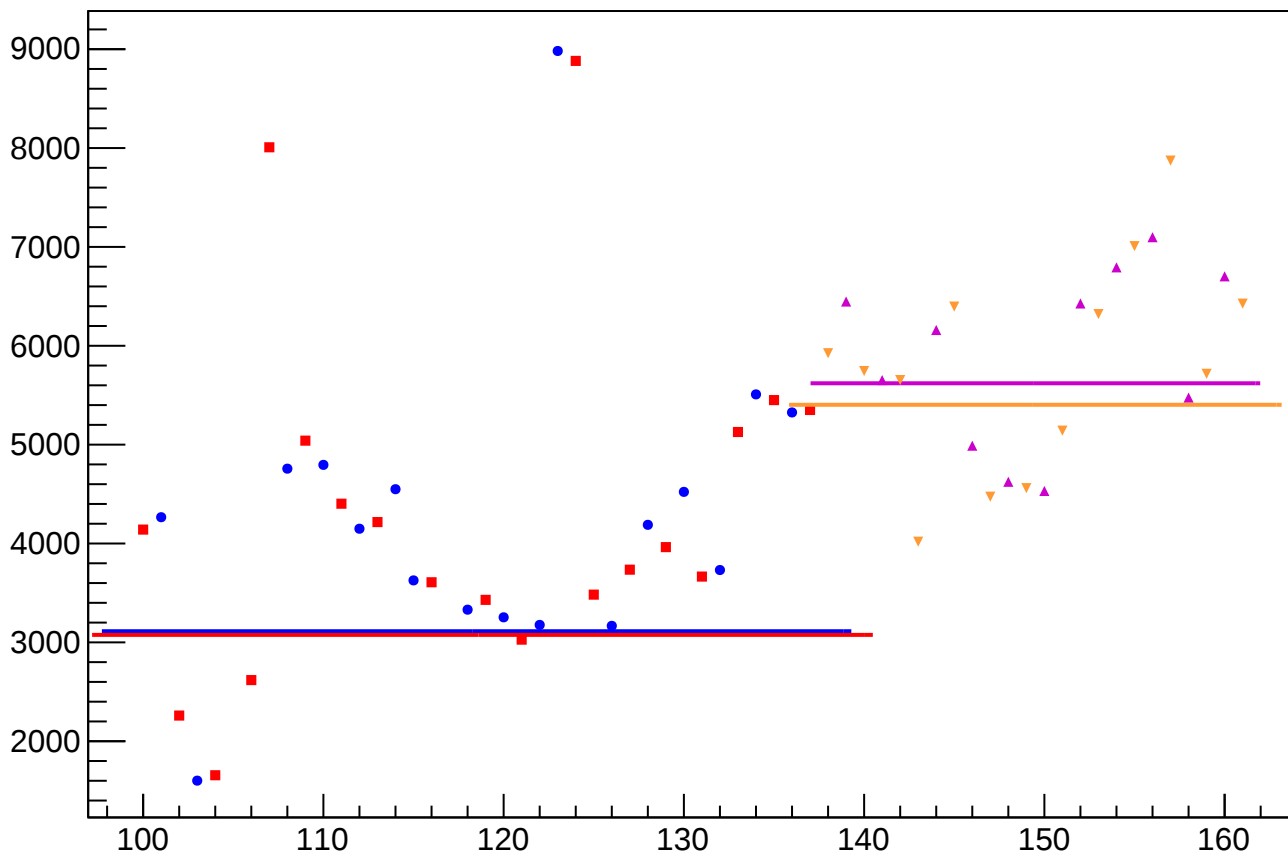
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1528.644+/-1074.498 χ^2/NDF : 19.2/27

Out: 1060.413+/-1037.907 χ^2/NDF : 45.6/31

All: 1286.420+/-746.512 χ^2/NDF : 64.9/59

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5403.155 $\pm$ 1.242 χ^2 /NDF: 674212.4/12

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

Left In: 5620.707 $\pm$ 1.340 χ^2 /NDF: 425325.3/10

Left: 5503.750 $\pm$ 0.911 χ^2 /NDF: 1113715.0/23

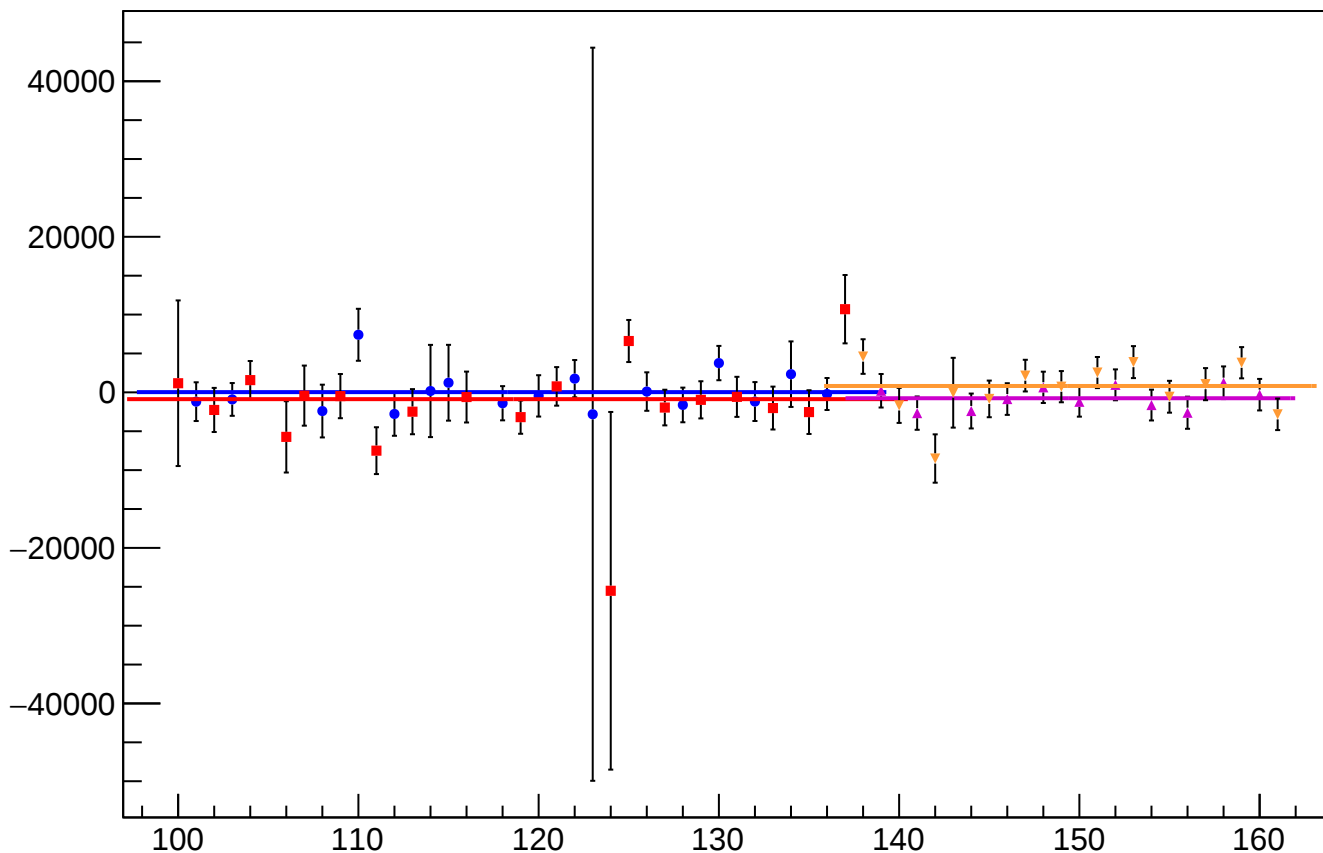
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3919.390 $\pm$ 0.760 χ^2 /NDF: 4687338.7/27

Out: 3872.474 $\pm$ 0.727 χ^2 /NDF: 4993138.9/31

All: 3894.896 $\pm$ 0.525 χ^2 /NDF: 9682468.4/59

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 818.987 $\pm$ 611.558 χ^2 /NDF:23.0/12

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

Left In: -757.768 $\pm$ 619.310 χ^2 /NDF:4.8/10

Left: 40.539 $\pm$ 435.152 χ^2 /NDF: 31.1/23

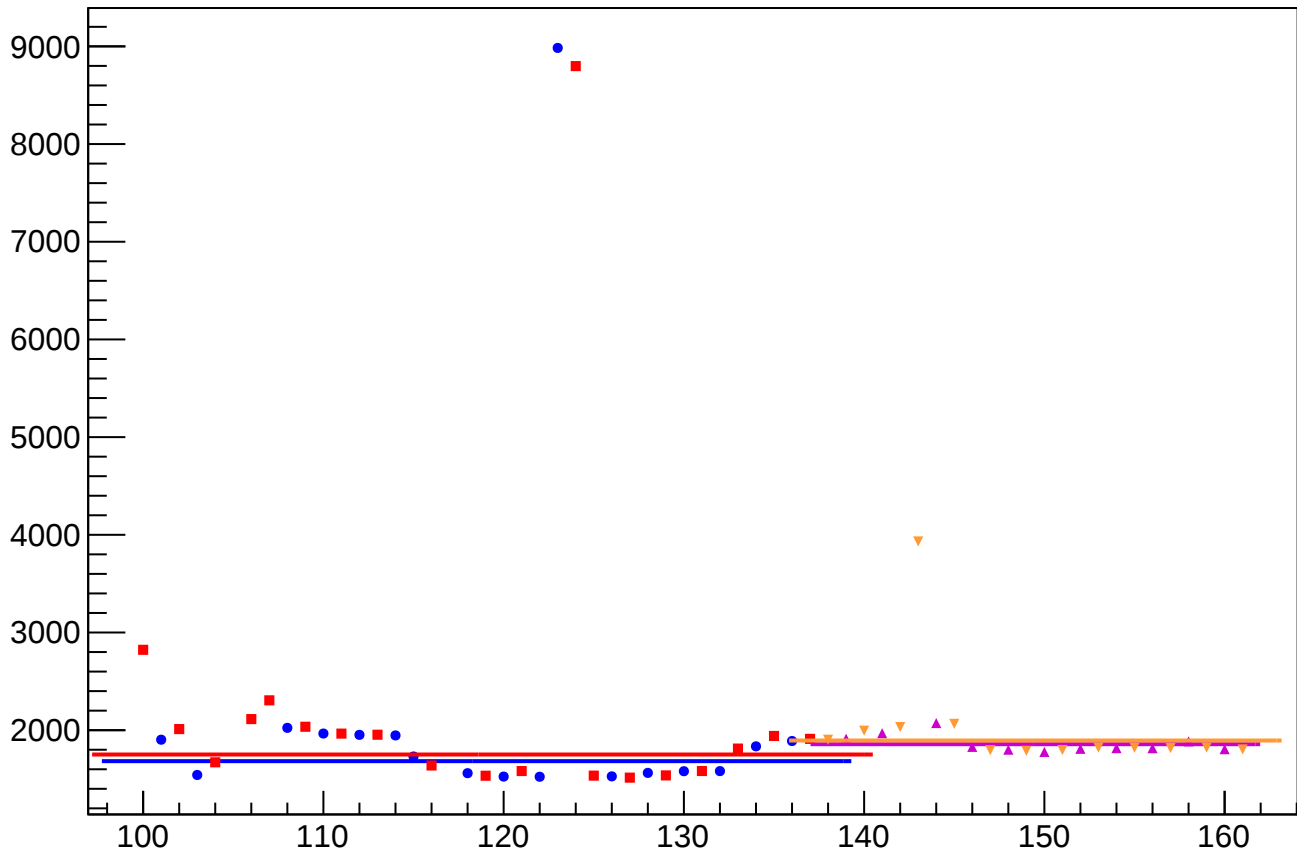
Right: -412.596 $\pm$ 470.731 χ^2 /NDF: 38.4/35

In: -388.386 $\pm$ 451.106 χ^2 /NDF:17.4/27

Out: 53.414 $\pm$ 452.687 χ^2 /NDF:52.1/31

All: -168.259 $\pm$ 319.537 χ^2 /NDF: 70.0/59

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1894.317+/-0.432 χ^2/NDF : 460461.1/12

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

Left In: 1856.612+/-0.438 χ^2/NDF : 35210.6/10

Left: 1875.702+/-0.308 χ^2/NDF : 499425.1/23

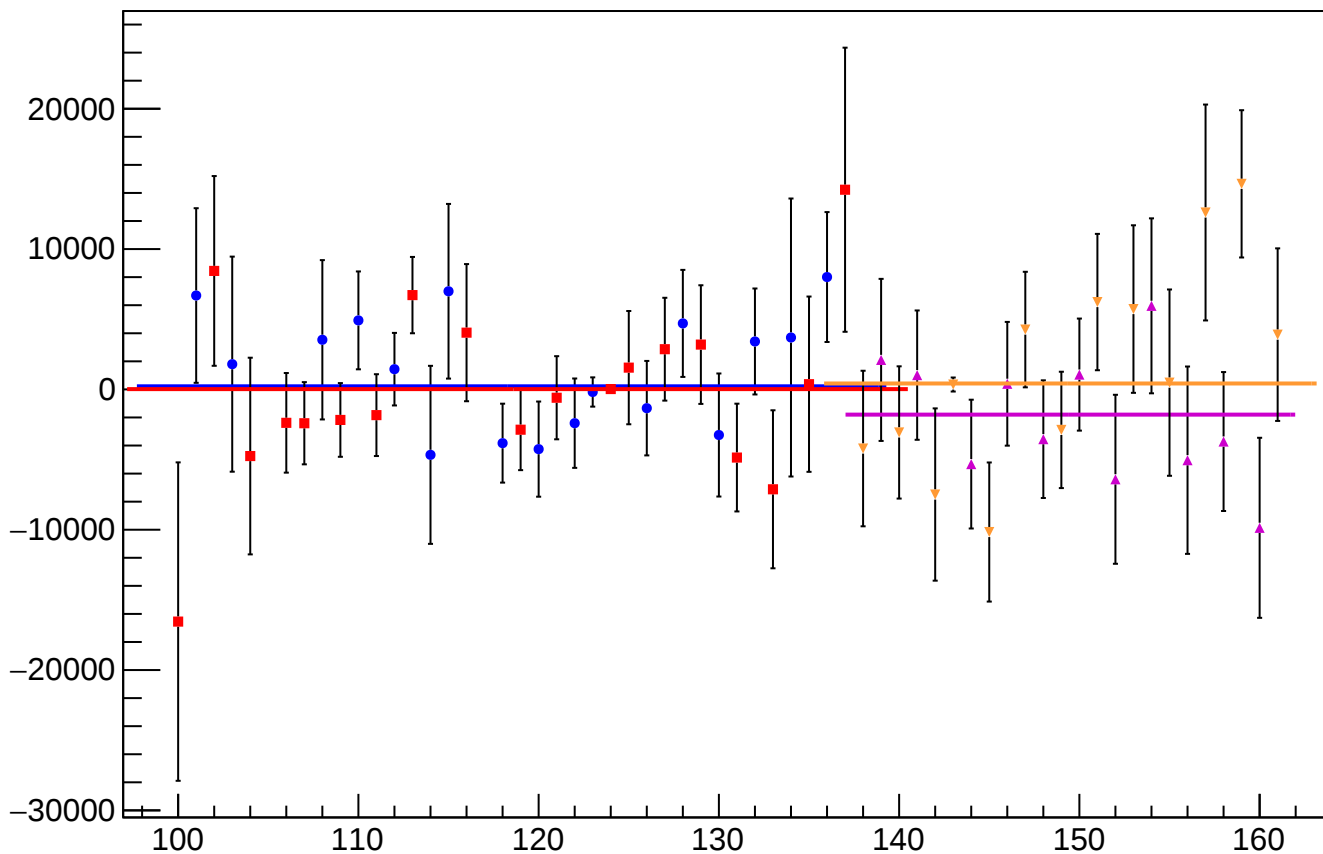
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1775.171+/-0.319 χ^2/NDF : 304743.5/27

Out: 1829.409+/-0.320 χ^2/NDF : 937245.8/31

All: 1802.222+/-0.226 χ^2/NDF : 1256409.1/59

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 421.371 $\pm$ 474.245 χ^2/NDF : 21.4/12

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

Left In: -1797.924 $\pm$ 1513.674 χ^2/NDF : 6.5/10

Left: 222.995 $\pm$ 452.554 χ^2/NDF : 29.8/23

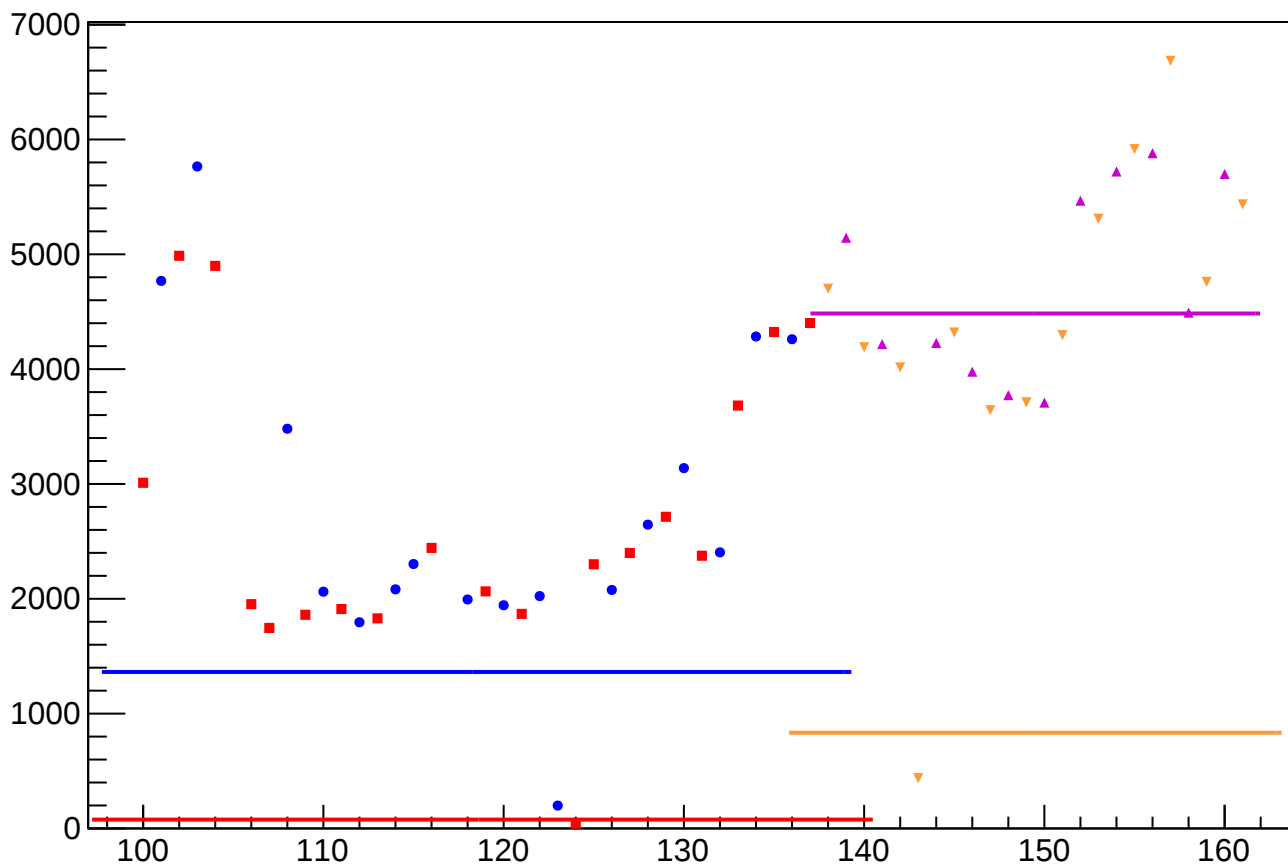
Right: 25.147 $\pm$ 112.726 χ^2/NDF : 36.6/35

In: -153.255 $\pm$ 650.866 χ^2/NDF : 23.7/27

Out: 42.226 $\pm$ 110.962 χ^2/NDF : 42.8/31

All: 36.705 $\pm$ 109.383 χ^2/NDF : 66.6/59

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 833.583 $\pm$ 0.335 χ^2 /NDF:13373889.1/12

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

Left In: 4484.526 $\pm$ 1.070 χ^2 /NDF:489644.3/10

Left: 1159.931 $\pm$ 0.320 χ^2 /NDF: 24458739.5/23

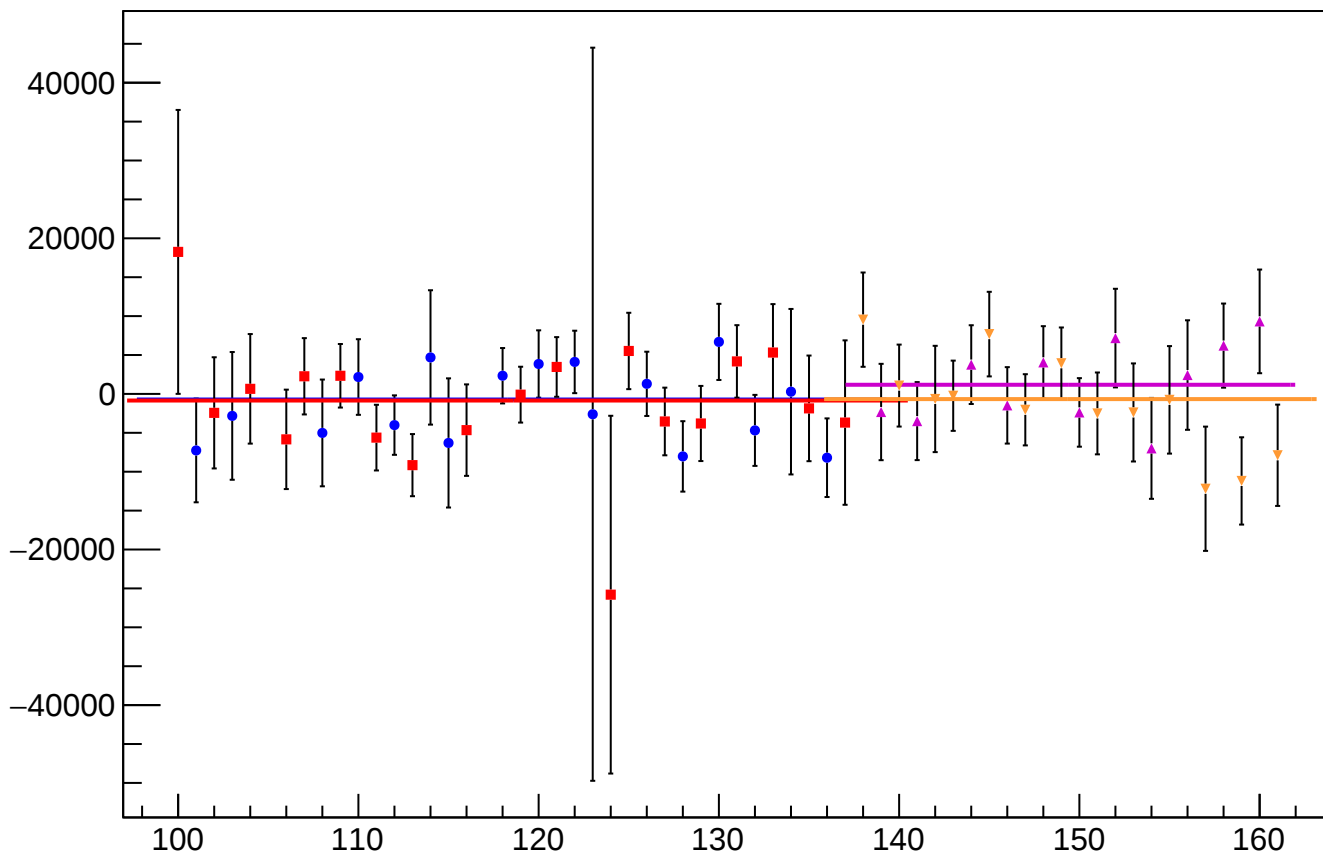
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1940.017 $\pm$ 0.460 χ^2 /NDF:13659086.1/27

Out: 118.540 $\pm$ 0.078 χ^2 /NDF:31431867.1/31

All: 169.985 $\pm$ 0.077 χ^2 /NDF: 60312242.7/59

asym_atl_dd_mean vs Slug, Sign Corrected



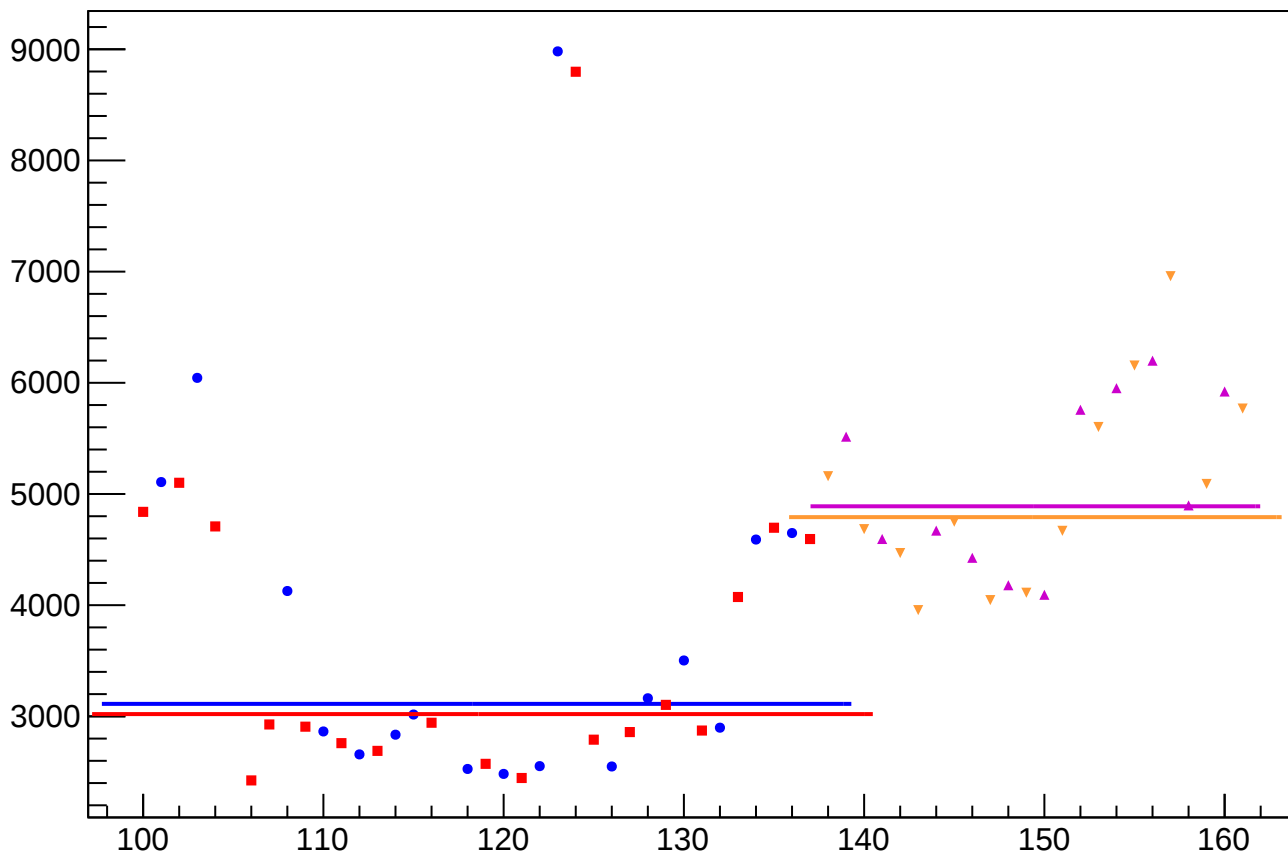
Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16
 Left Out: -666.651+/-1550.515 χ^2/NDF :13.4/12
 Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18
 Left In: 1175.230+/-1644.798 χ^2/NDF :7.7/10

Left: 199.989+/-1128.239 χ^2/NDF : 21.8/23
 Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -25.307+/-996.486 χ^2/NDF :23.2/27
 Out: -781.800+/-944.969 χ^2/NDF :29.4/31

All: -423.613+/-685.683 χ^2/NDF : 53.0/59

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4791.802+/-1.096 χ^2/NDF : 488396.8/12

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

Left In: 4889.322+/-1.163 χ^2/NDF : 369164.9/10

Left: 4837.687+/-0.798 χ^2/NDF : 861284.3/23

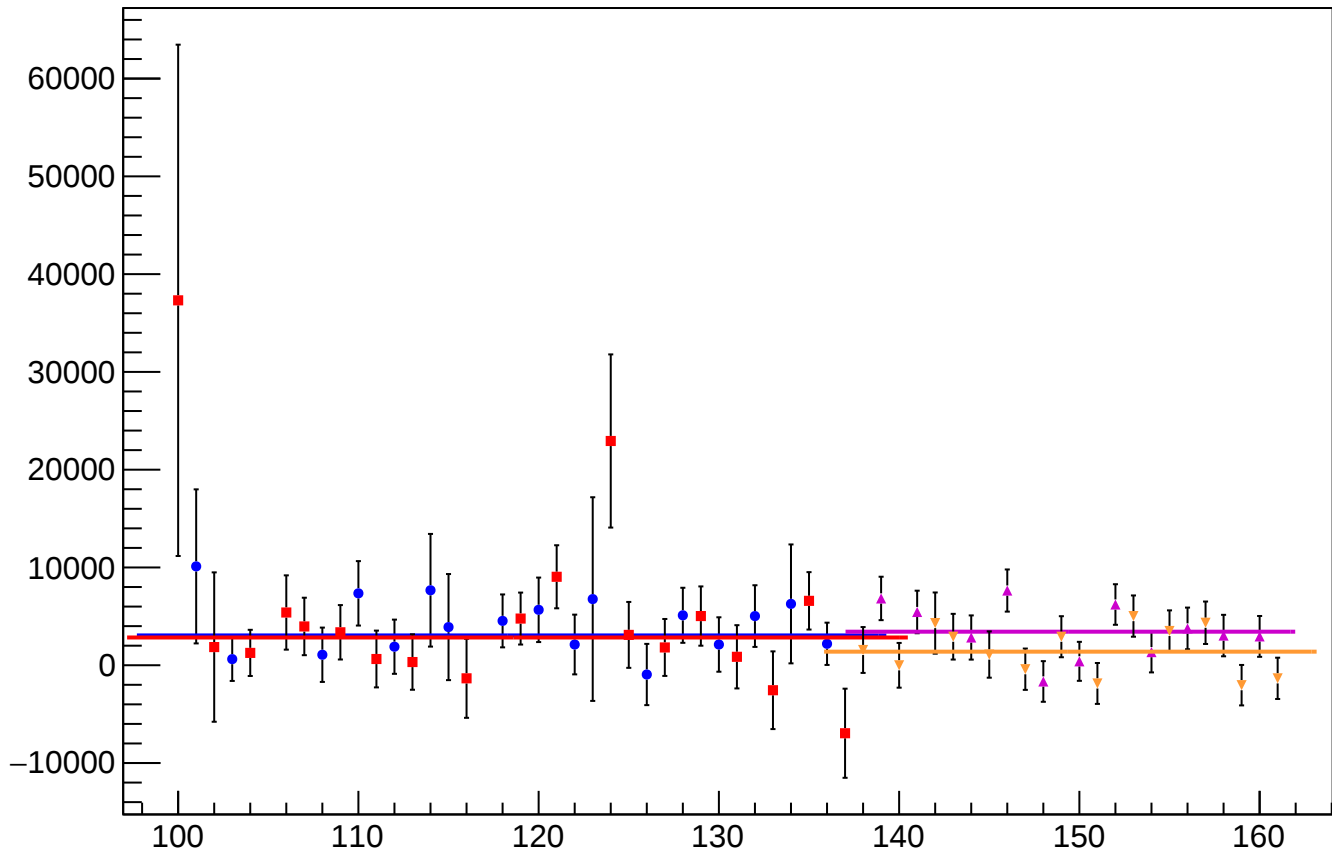
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3764.497+/-0.705 χ^2/NDF : 2805407.2/27

Out: 3667.992+/-0.663 χ^2/NDF : 2938755.2/31

All: 3713.304+/-0.483 χ^2/NDF : 5754113.0/59

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 1389.258+/-615.904 χ^2/NDF :15.6/12

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 3431.212+/-639.624 χ^2/NDF :18.3/10

Left: 2371.671+/-443.659 χ^2/NDF : 39.2/23

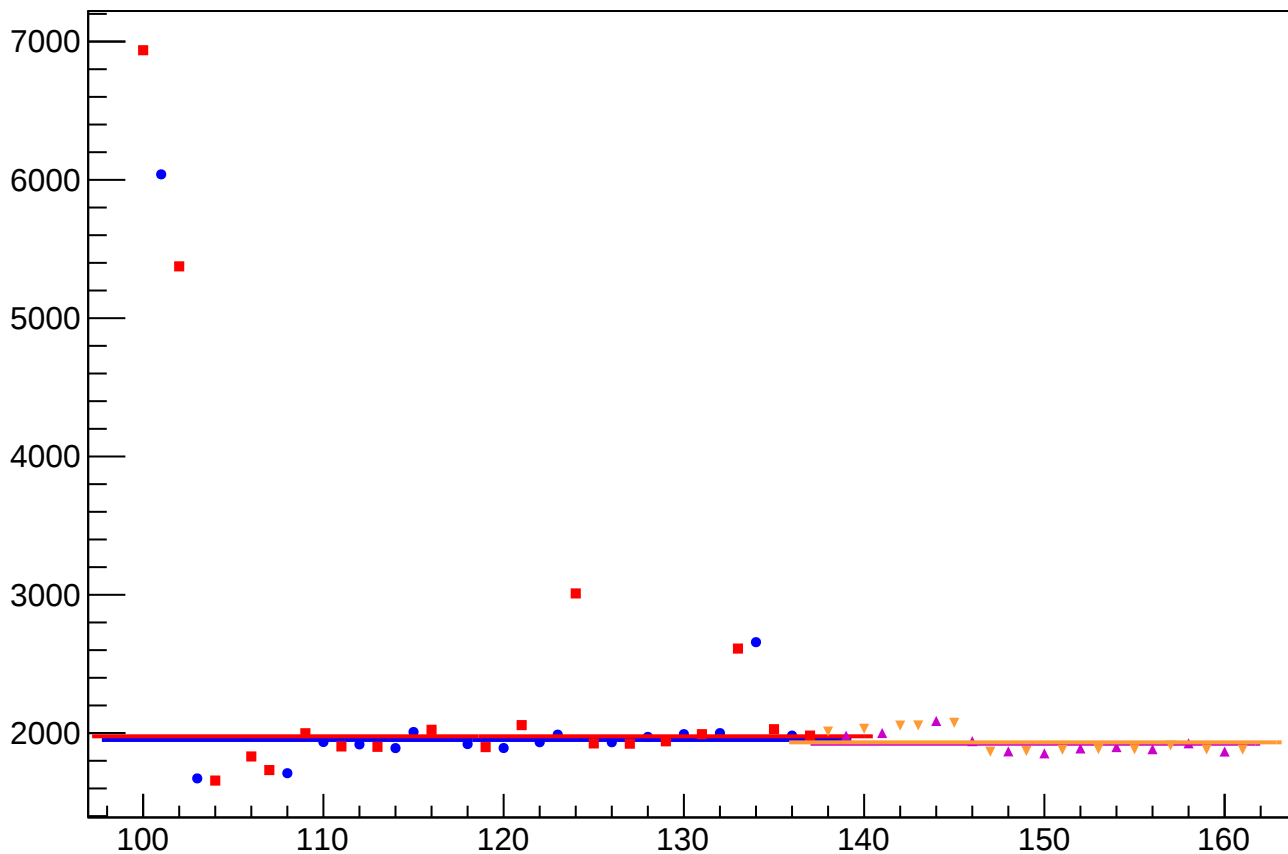
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3275.746+/-492.618 χ^2/NDF :27.8/27

Out: 1958.498+/-479.962 χ^2/NDF :41.6/31

All: 2599.983+/-343.771 χ^2/NDF : 73.0/59

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1933.267+/-0.436 χ^2/NDF : 31607.9/12

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

Left In: 1923.193+/-0.452 χ^2/NDF : 21495.5/10

Left: 1928.420+/-0.314 χ^2/NDF : 53360.8/23

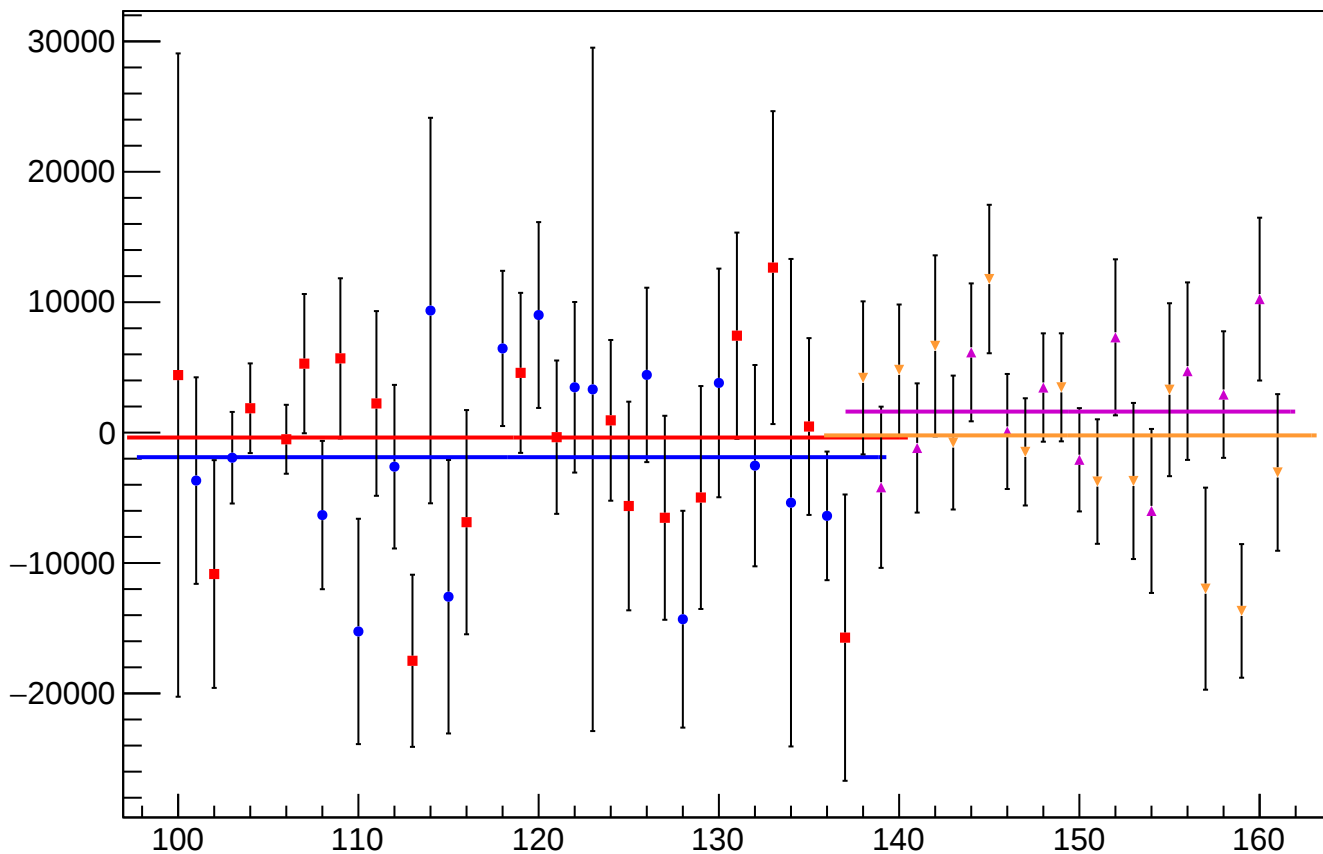
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1934.380+/-0.348 χ^2/NDF : 638164.7/27

Out: 1950.447+/-0.339 χ^2/NDF : 643273.7/31

All: 1942.625+/-0.243 χ^2/NDF : 1282530.1/59

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Left: 662.215 $\pm$ 1071.166 χ^2/NDF : 26.9/23

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

In: -14.602 $\pm$ 1130.522 χ^2/NDF : 24.2/27

Out: -302.991 $\pm$ 1003.083 χ^2/NDF : 36.1/31

All: -175.961 $\pm$ 750.315 χ^2/NDF : 60.3/59

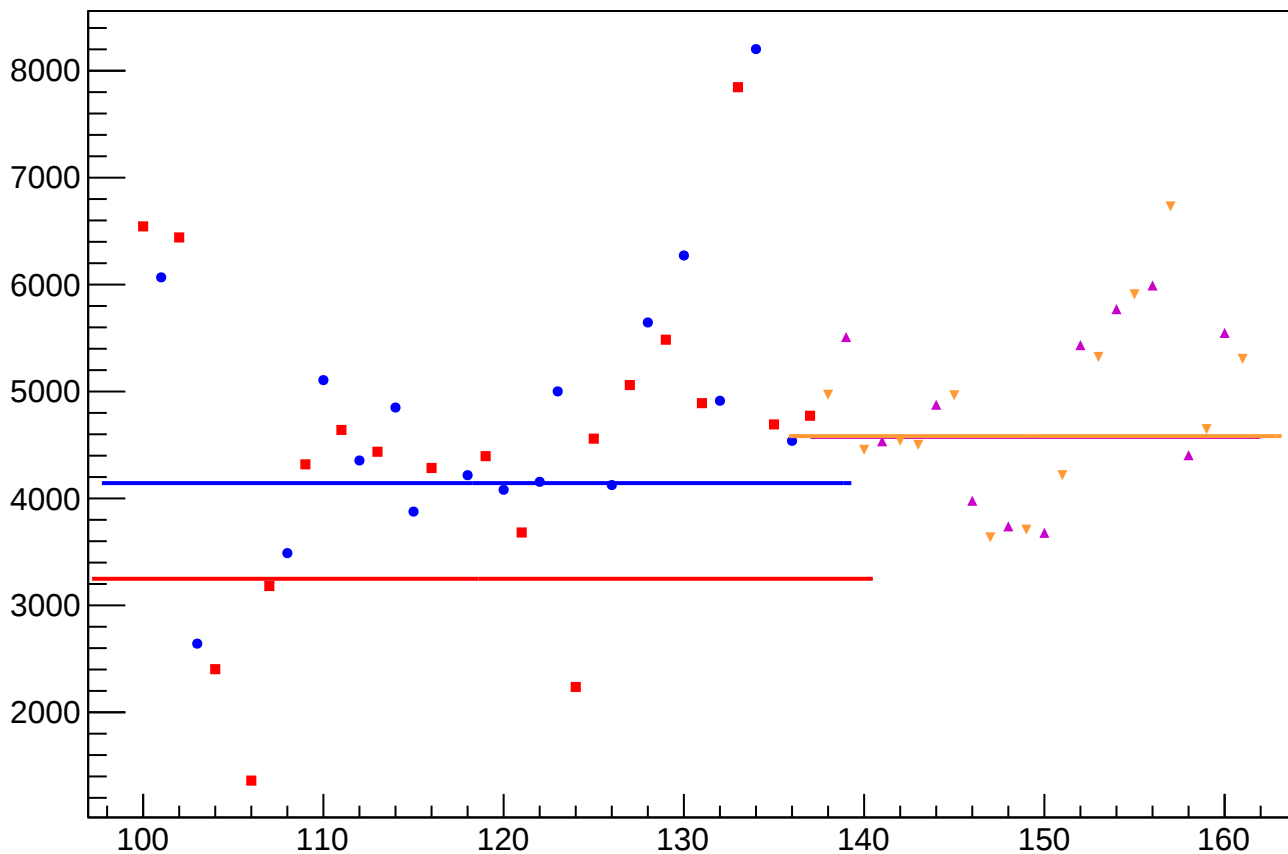
Right In: -1885.285 $\pm$ 1657.979 χ^2/NDF : 14.1/16

Left Out: -214.757 $\pm$ 1485.935 χ^2/NDF : 18.5/12

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

Left In: 1610.950 $\pm$ 1545.537 χ^2/NDF : 7.7/10

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4582.751+/-1.051 χ^2/NDF : 520178.4/12

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

Left In: 4574.853+/-1.093 χ^2/NDF : 523415.1/10

Left: 4578.957+/-0.757 χ^2/NDF : 1043620.6/23

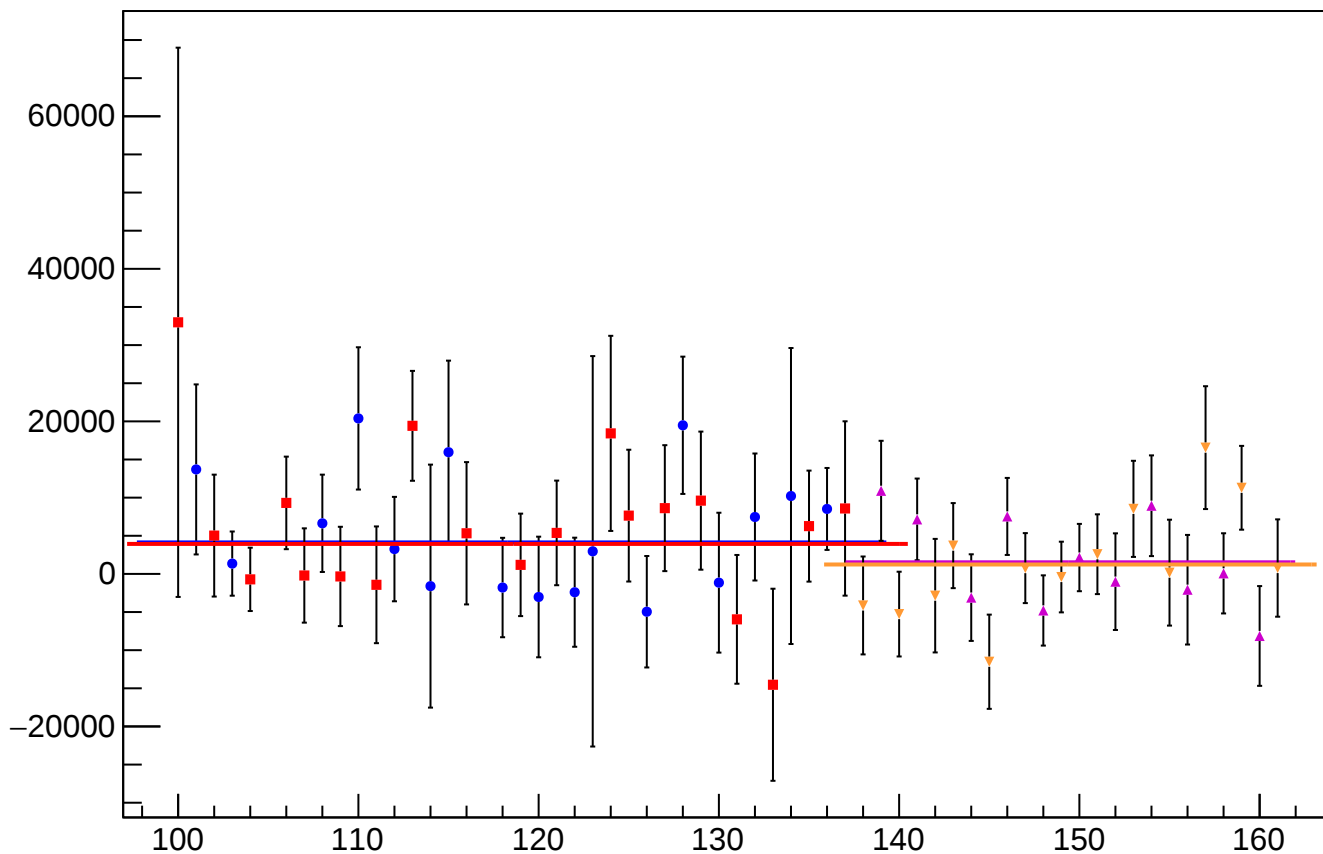
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4374.288+/-0.799 χ^2/NDF : 1451828.0/27

Out: 3856.585+/-0.709 χ^2/NDF : 4015479.8/31

All: 4084.624+/-0.531 χ^2/NDF : 5701971.7/59

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1235.485 $\pm$ 1616.398 χ^2/NDF : 15.4/12

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

Left In: 1521.365 $\pm$ 1681.557 χ^2/NDF : 11.1/10

Left: 1372.779 $\pm$ 1165.321 χ^2/NDF : 26.4/23

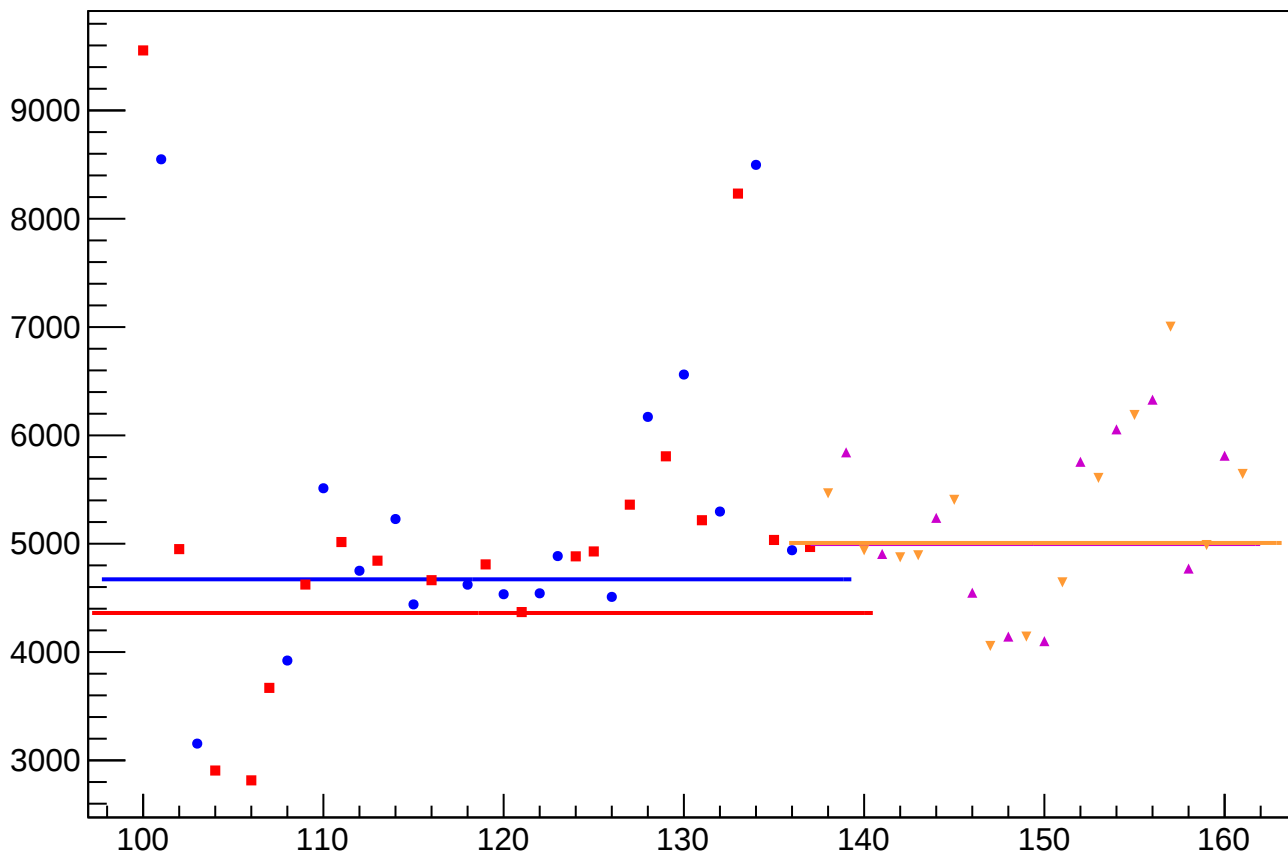
Right: 4022.593 $\pm$ 1265.954 χ^2/NDF : 28.6/35

In: 2690.943 $\pm$ 1248.291 χ^2/NDF : 25.8/27

Out: 2496.436 $\pm$ 1179.652 χ^2/NDF : 31.6/31

All: 2588.195 $\pm$ 857.379 χ^2/NDF : 57.4/59

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5007.057 $\pm$ 1.143 χ^2/NDF : 404396.7/12

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

Left In: 4997.021 $\pm$ 1.189 χ^2/NDF : 388518.1/10

Left: 5002.237 $\pm$ 0.824 χ^2/NDF : 792951.9/23

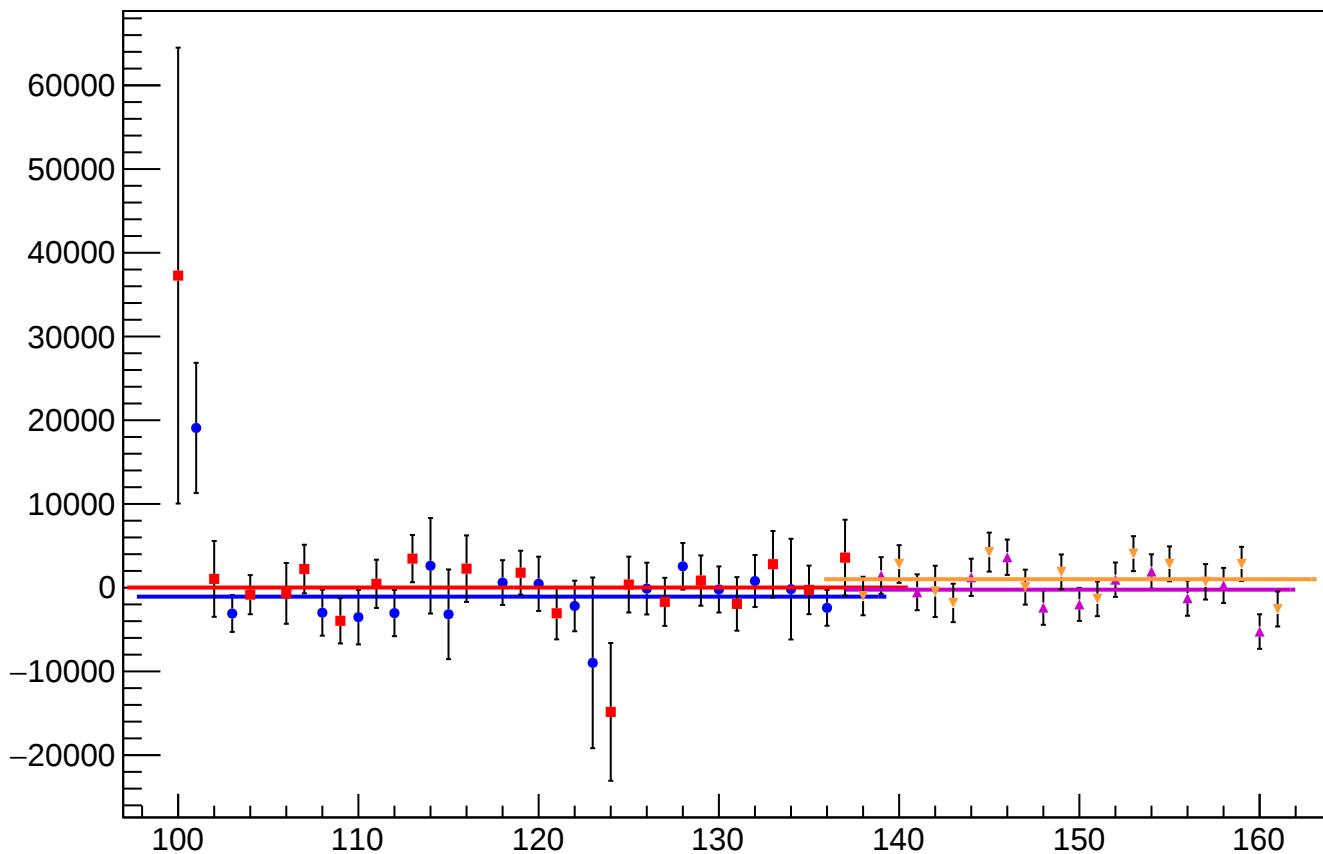
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 4850.804 $\pm$ 0.883 χ^2/NDF : 1208314.1/27

Out: 4703.013 $\pm$ 0.832 χ^2/NDF : 1388991.9/31

All: 4772.534 $\pm$ 0.605 χ^2/NDF : 2612153.3/59

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1010.621 ± 607.058 $\chi^2/\text{NDF}: 13.4/12$

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

Left In: -237.897 ± 631.215 $\chi^2/\text{NDF}: 13.9/10$

Left: 410.709 ± 437.546 $\chi^2/\text{NDF}: 29.4/23$

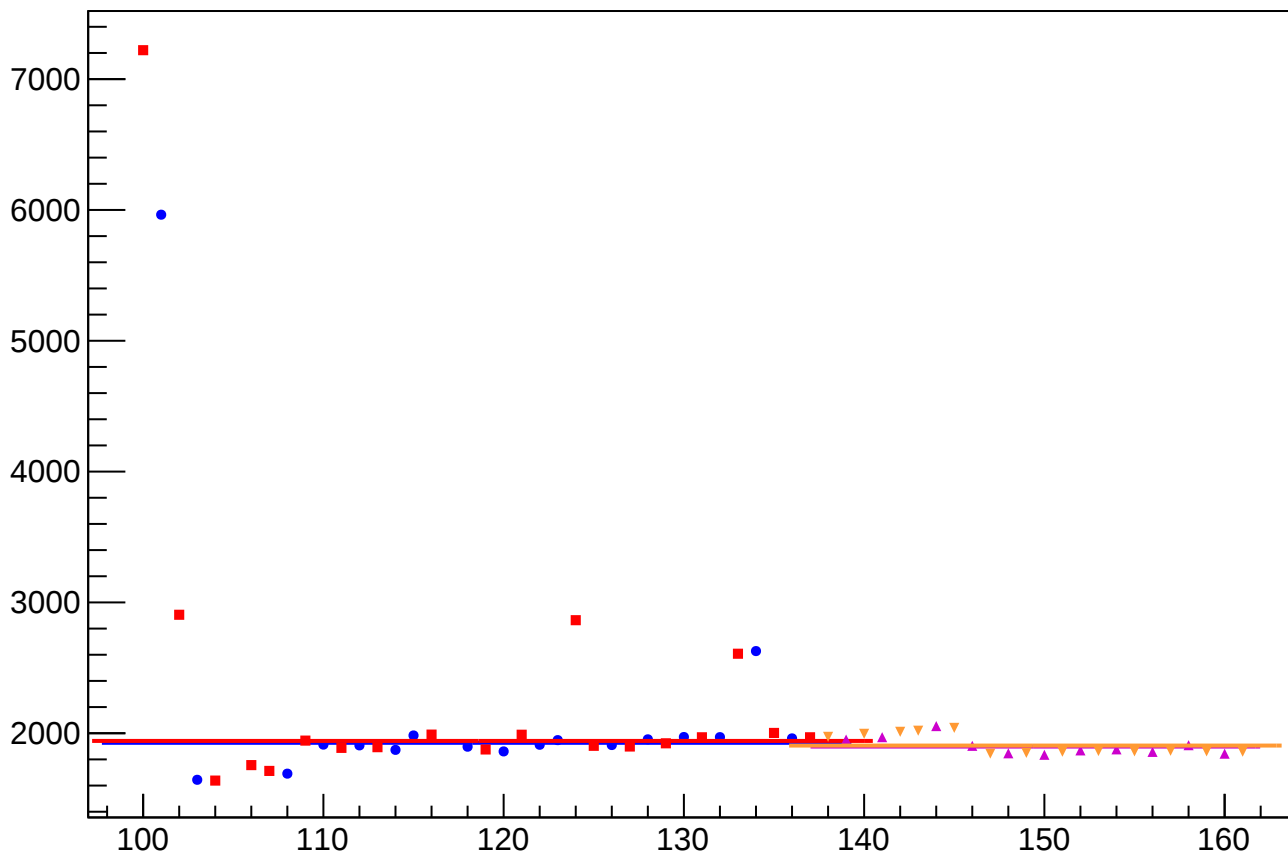
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -576.517 ± 486.350 $\chi^2/\text{NDF}: 28.4/27$

Out: 616.815 ± 471.312 $\chi^2/\text{NDF}: 27.8/31$

All: 38.882 ± 338.459 $\chi^2/\text{NDF}: 59.2/59$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1905.777 $\pm$ 0.429 χ^2 /NDF: 27464.8/12

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

Left In: 1898.107 $\pm$ 0.446 χ^2 /NDF: 19455.7/10

Left: 1902.092 $\pm$ 0.309 χ^2 /NDF: 47073.9/23

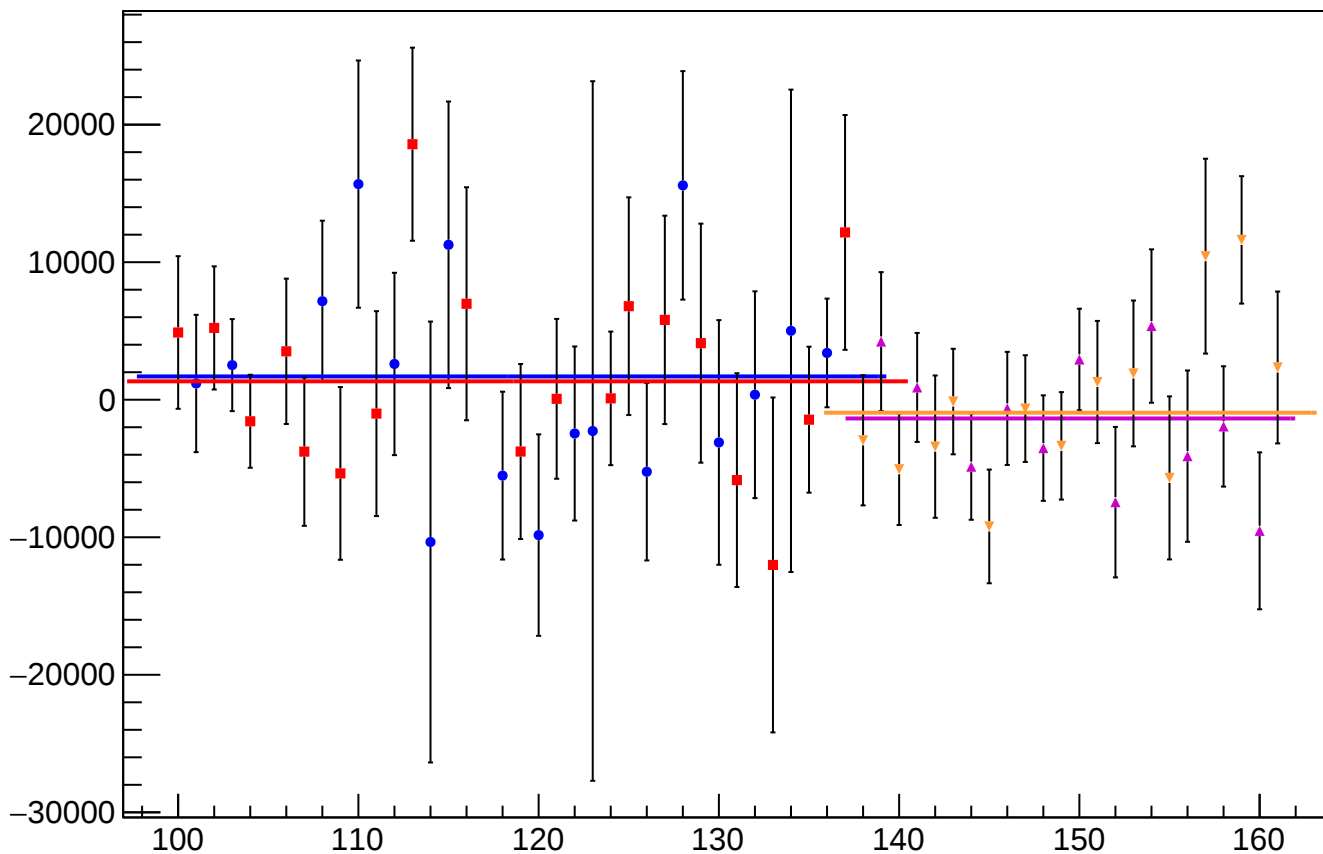
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1909.803 $\pm$ 0.344 χ^2 /NDF: 638261.8/27

Out: 1919.885 $\pm$ 0.333 χ^2 /NDF: 334548.9/31

All: 1915.004 $\pm$ 0.239 χ^2 /NDF: 973254.1/59

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -942.412+/-1274.728 χ^2/NDF : 17.3/12

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

Left In: -1362.143+/-1354.705 χ^2/NDF : 9.0/10

Left: -1139.523+/-928.355 χ^2/NDF : 26.4/23

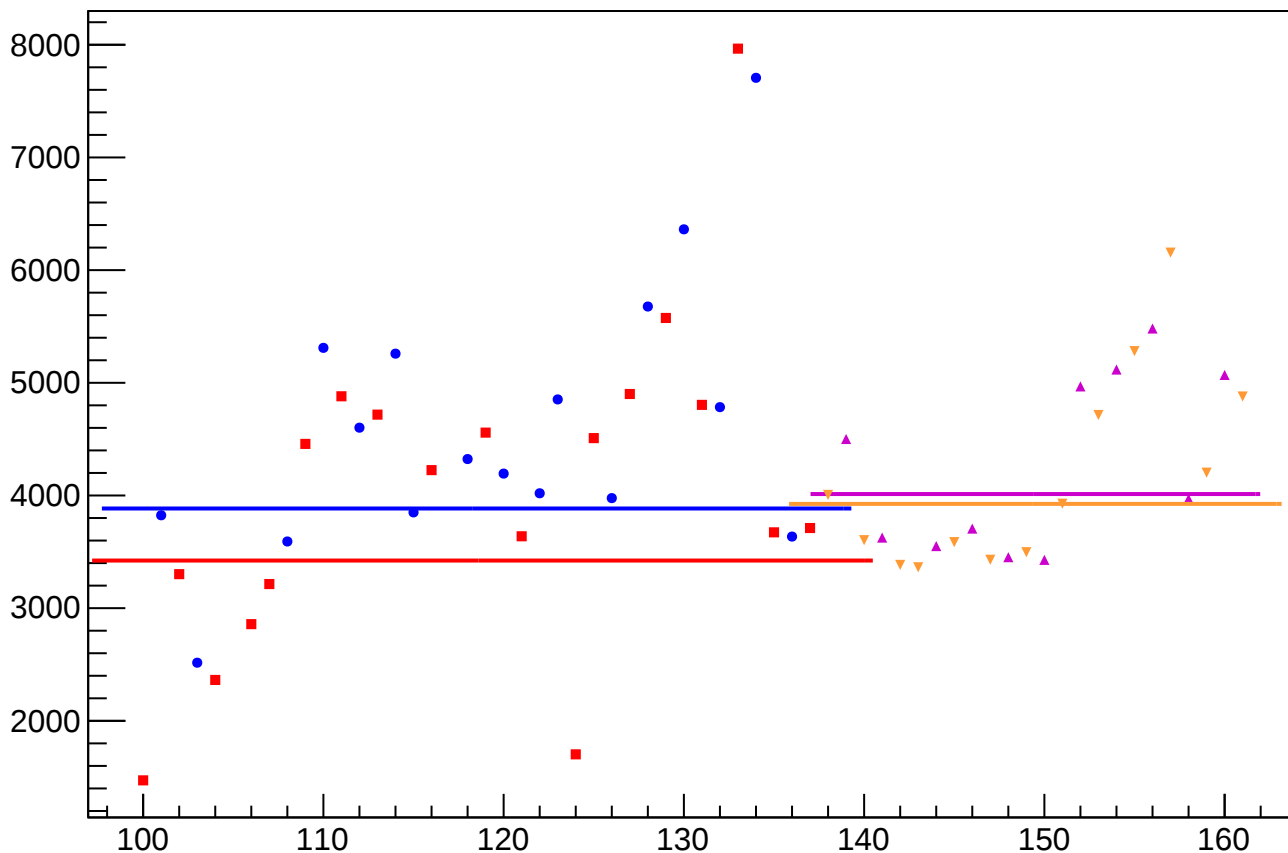
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: -40.517+/-1020.576 χ^2/NDF : 24.8/27

Out: 116.657+/-932.919 χ^2/NDF : 35.1/31

All: 45.108+/-688.581 χ^2/NDF : 60.0/59

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 ± 1.097 $\chi^2/\text{NDF}: 826563.8/16$

Left Out: 3925.359 ± 0.901 $\chi^2/\text{NDF}: 562172.5/12$

Right Out: 3422.628 ± 0.968 $\chi^2/\text{NDF}: 1590296.5/18$

Left In: 4012.828 ± 0.958 $\chi^2/\text{NDF}: 489805.9/10$

Left: 3966.436 ± 0.656 $\chi^2/\text{NDF}: 1056400.6/23$

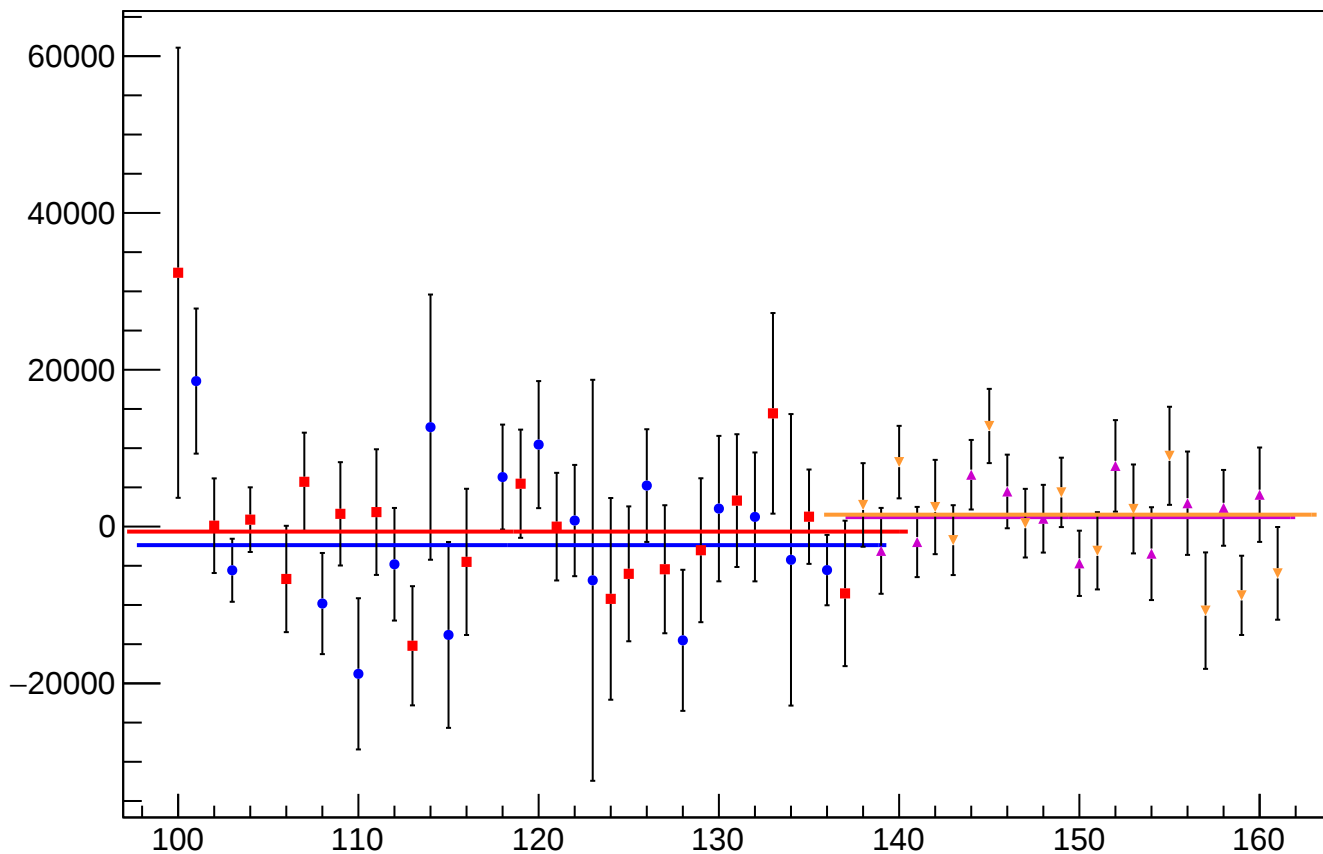
Right: 3624.795 ± 0.726 $\chi^2/\text{NDF}: 2516526.6/35$

In: 3957.377 ± 0.722 $\chi^2/\text{NDF}: 1324118.4/27$

Out: 3691.899 ± 0.660 $\chi^2/\text{NDF}: 2296928.0/31$

All: 3812.749 ± 0.487 $\chi^2/\text{NDF}: 3694772.0/59$

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1517.345 ± 1426.239 χ^2/NDF : 19.7/12

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

Left In: 1205.002 ± 1504.148 χ^2/NDF : 7.3/10

Left: 1369.471 ± 1034.950 χ^2/NDF : 27.0/23

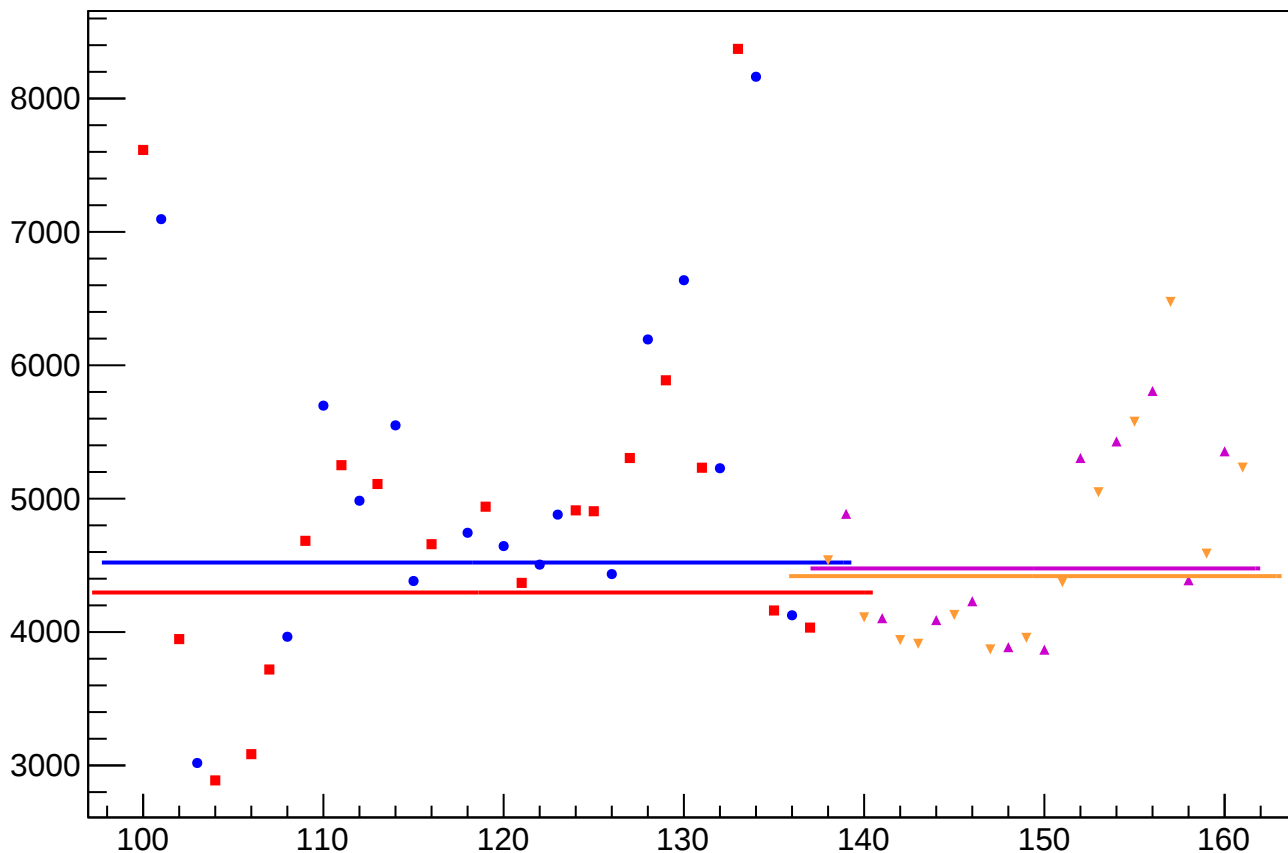
Right: -1449.011 ± 1232.750 χ^2/NDF : 32.4/35

In: -262.059 ± 1154.721 χ^2/NDF : 29.8/27

Out: 619.694 ± 1090.011 χ^2/NDF : 32.5/31

All: 204.216 ± 792.644 χ^2/NDF : 62.6/59

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4419.289+/-1.009 χ^2/NDF : 396076.7/12

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

Left In: 4476.885+/-1.064 χ^2/NDF : 342619.3/10

Left: 4446.557+/-0.732 χ^2/NDF : 740240.2/23

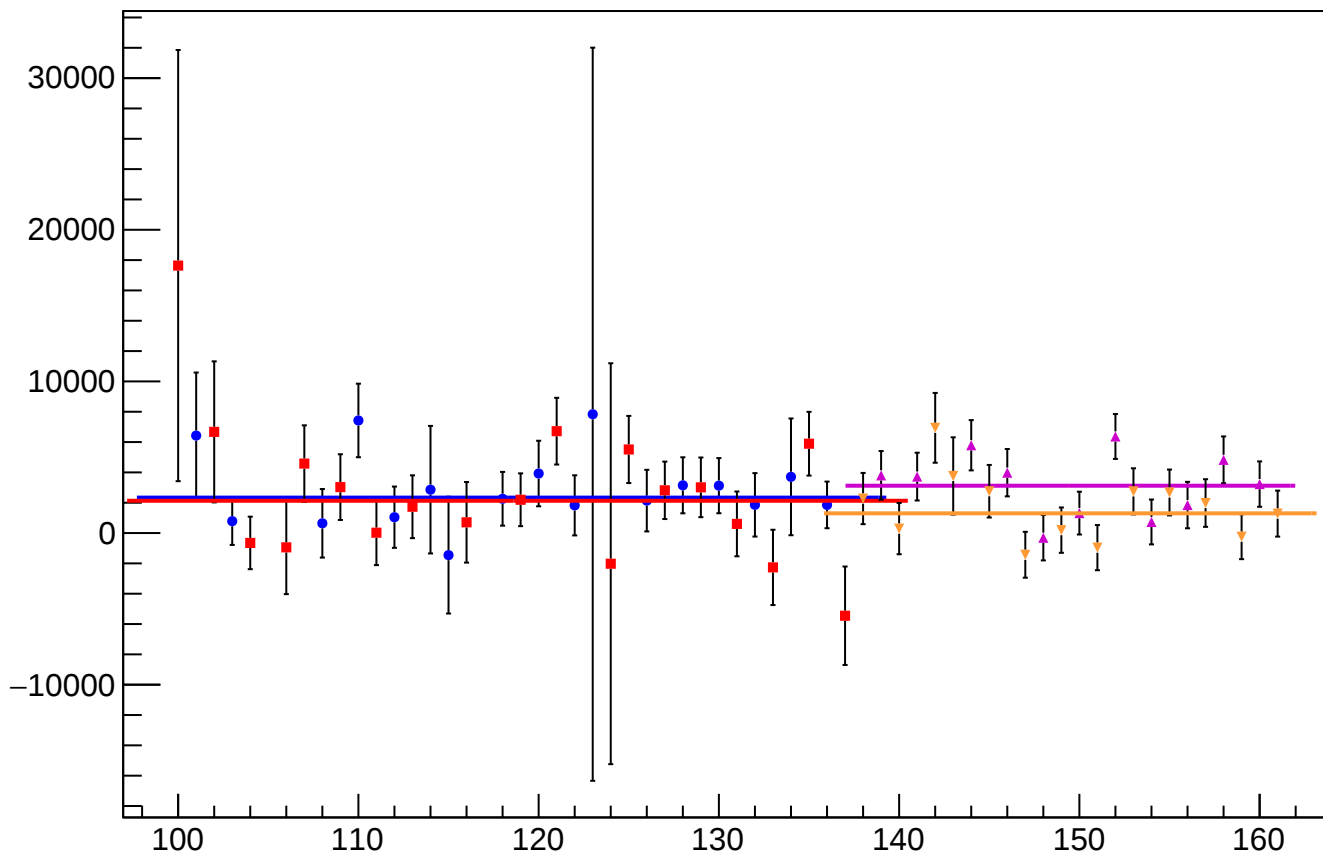
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4495.095+/-0.817 χ^2/NDF : 1122008.1/27

Out: 4367.880+/-0.769 χ^2/NDF : 1175494.5/31

All: 4427.676+/-0.560 χ^2/NDF : 2310367.3/59

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975+/-531.132 χ^2/NDF : 9.6/16

Left Out: 1299.934+/-452.822 χ^2/NDF : 17.5/12

Right Out: 2129.457+/-539.223 χ^2/NDF : 27.5/18

Left In: 3121.543+/-460.219 χ^2/NDF : 19.5/10

Left: 2195.981+/-322.777 χ^2/NDF : 44.9/23

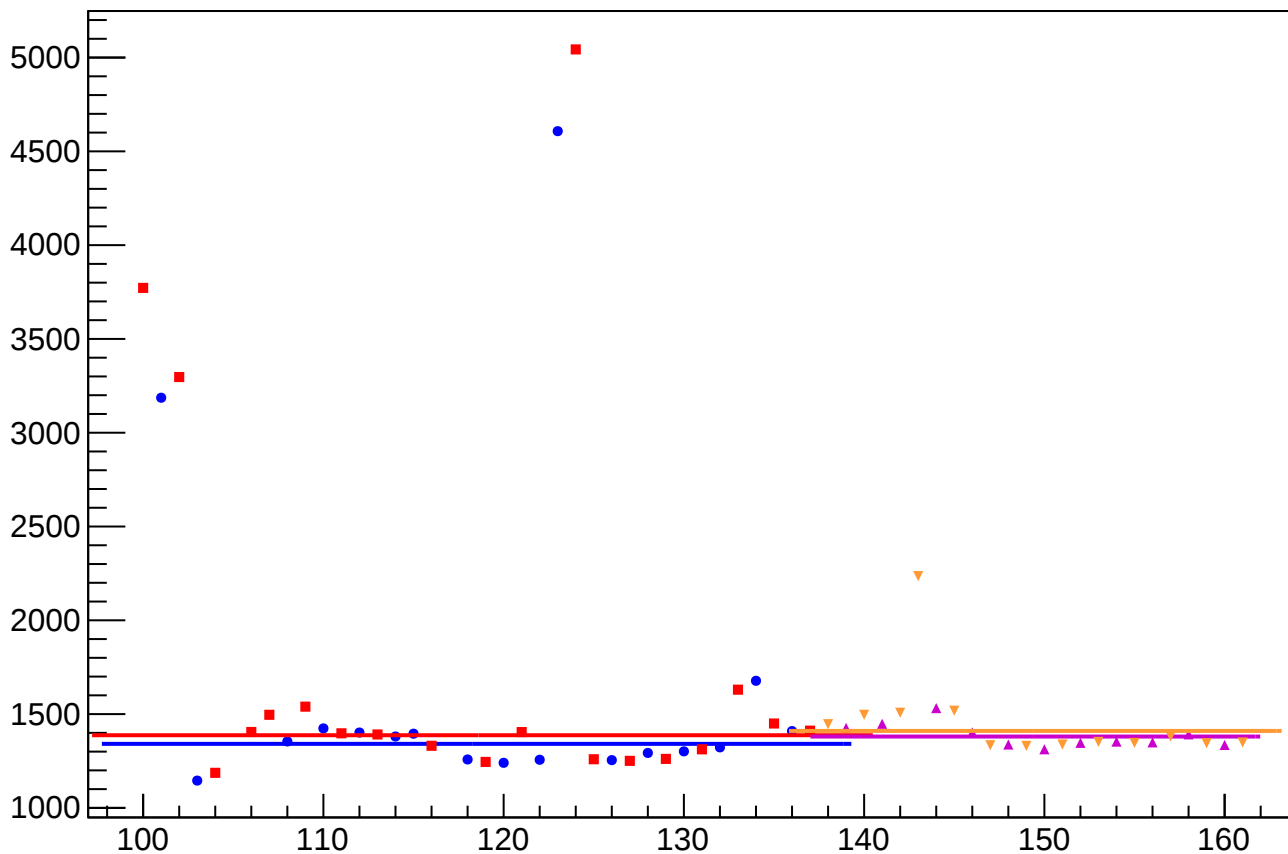
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

In: 2785.095+/-347.813 χ^2/NDF : 30.4/27

Out: 1642.993+/-346.768 χ^2/NDF : 46.4/31

All: 2212.324+/-245.571 χ^2/NDF : 82.1/59

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: 1410.336 $\pm$ 0.320 χ^2 /NDF:257050.7/12

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

Left In: 1380.371 $\pm$ 0.325 χ^2 /NDF:33162.9/10

Left: 1395.597 $\pm$ 0.228 χ^2 /NDF: 294521.7/23

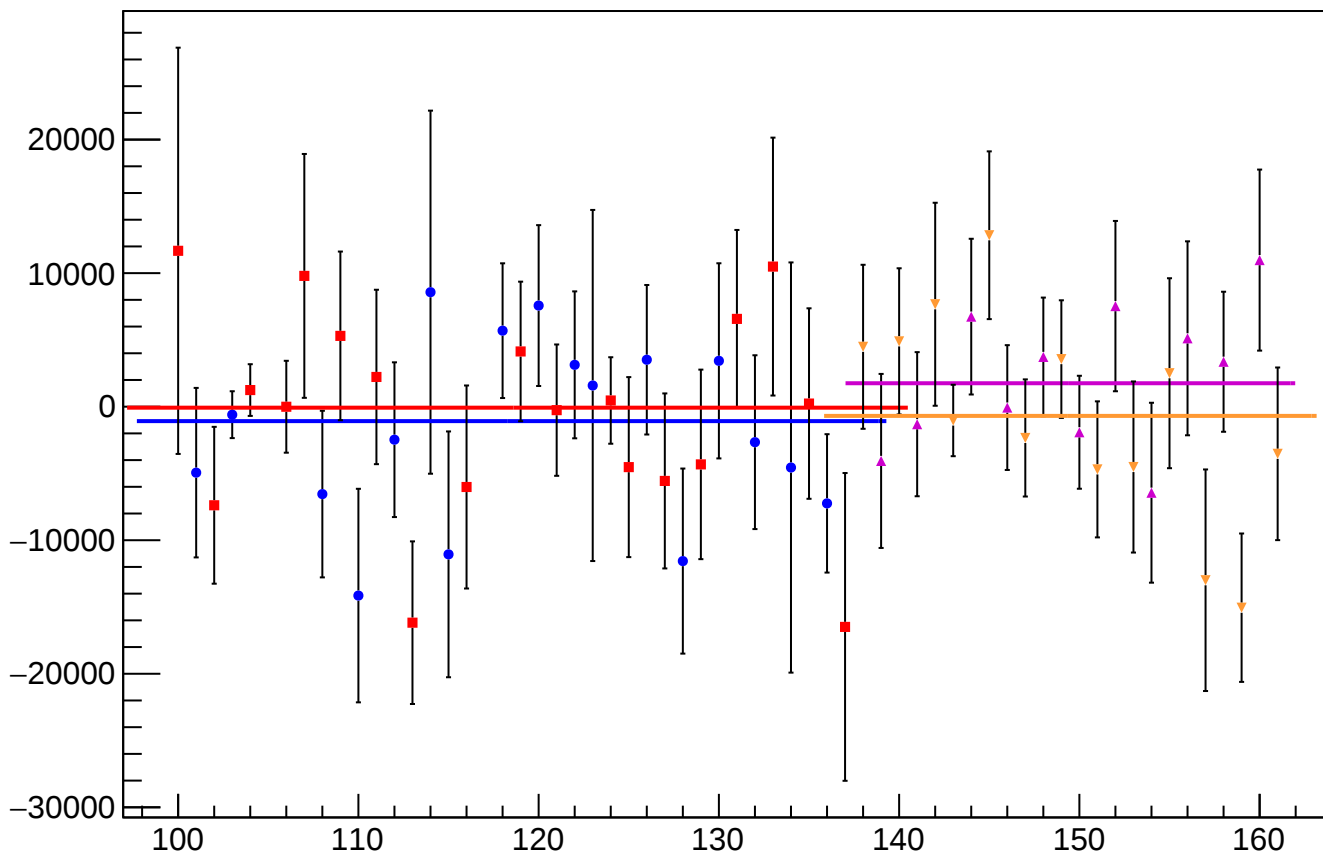
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1363.648 $\pm$ 0.246 χ^2 /NDF:543593.2/27

Out: 1400.824 $\pm$ 0.245 χ^2 /NDF:909376.9/31

All: 1382.296 $\pm$ 0.174 χ^2 /NDF: 1464431.3/59

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -689.651+/-1414.973 χ^2/NDF : 18.9/12

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

Left In: 1755.461+/-1658.877 χ^2/NDF : 7.4/10

Left: 340.104+/-1076.544 χ^2/NDF : 27.6/23

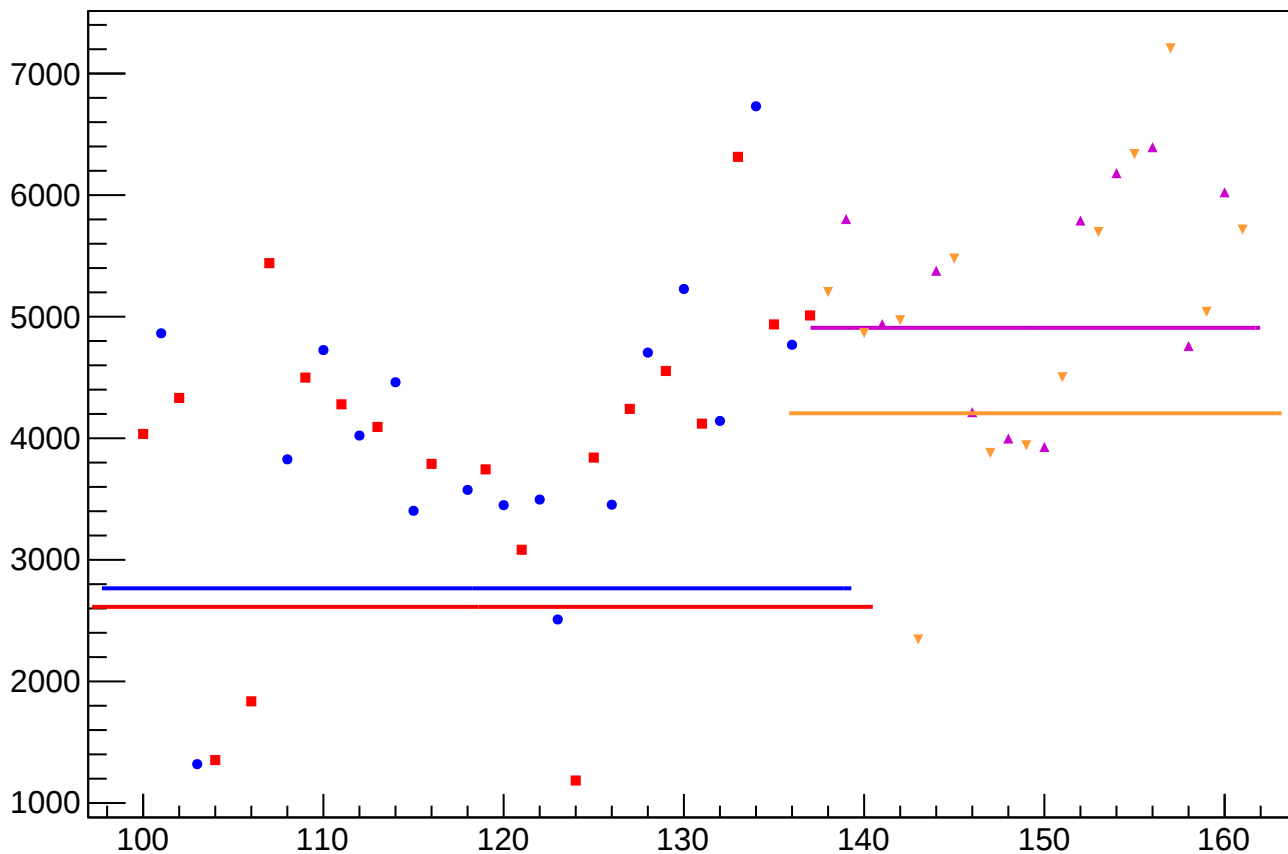
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -93.464+/-978.831 χ^2/NDF : 24.3/27

Out: -312.816+/-881.176 χ^2/NDF : 37.7/31

All: -214.625+/-654.897 χ^2/NDF : 62.0/59

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4205.742 +/- 1.001 χ^2/NDF : 1881194.2/12

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

Left In: 4908.499 +/- 1.173 χ^2/NDF : 535180.9/10

Left: 4501.707 +/- 0.761 χ^2/NDF : 2624143.0/23

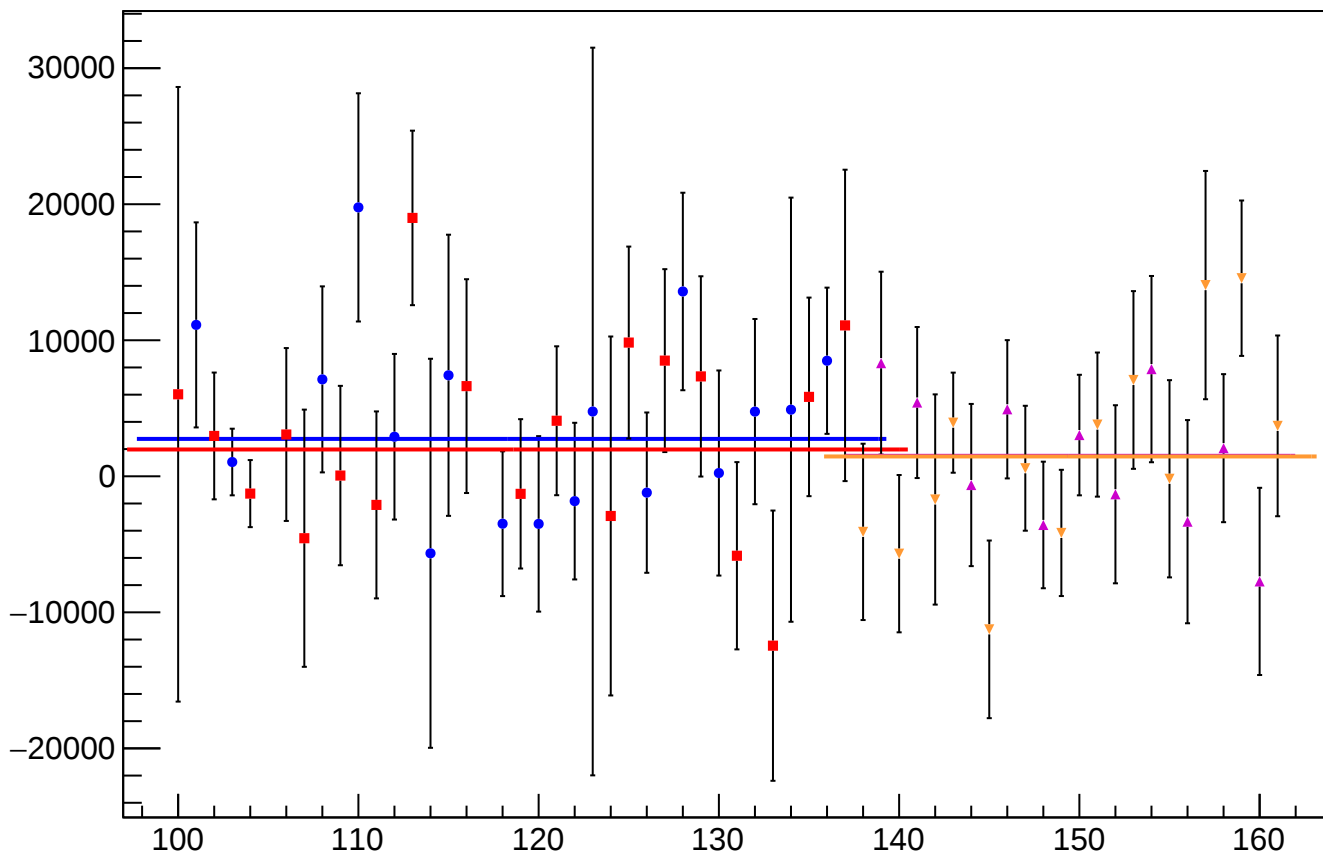
Right: 2683.946 +/- 0.583 χ^2/NDF : 6295959.0/35

In: 3511.775 +/- 0.692 χ^2/NDF : 5649398.8/27

Out: 3230.921 +/- 0.623 χ^2/NDF : 6771727.6/31

All: 3356.643 +/- 0.463 χ^2/NDF : 12512075.1/5

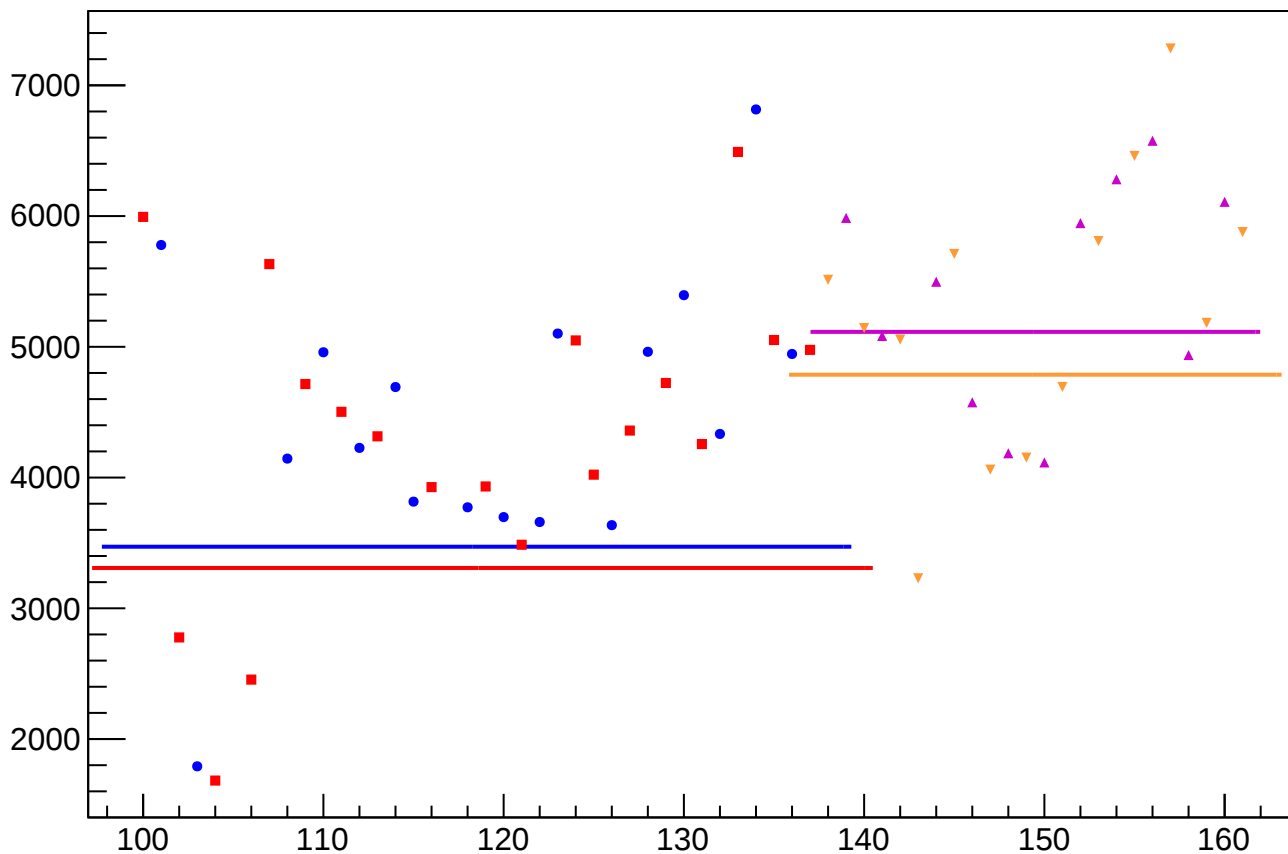
asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280 $\pm$ 1446.638 χ^2 /NDF: 13.8/16
 Left Out: 1457.928 $\pm$ 1566.866 χ^2 /NDF:16.8/12
 Right Out: 1971.156 $\pm$ 1381.709 χ^2 /NDF: 17.8/18
 Left In: 1504.707 $\pm$ 1724.972 χ^2 /NDF:6.7/10

Left: 1479.076 $\pm$ 1159.819 χ^2 /NDF: 23.5/23
 Right: 2341.887 $\pm$ 999.181 χ^2 /NDF: 31.7/35
 In: 2234.793 $\pm$ 1108.438 χ^2 /NDF:20.8/27
 Out: 1746.643 $\pm$ 1036.327 χ^2 /NDF:34.7/31
 All: 1974.324 $\pm$ 757.004 χ^2 /NDF: 55.6/59

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: 4786.659+/-1.108 χ^2/NDF : 917474.8/12

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

Left In: 5114.341+/-1.220 χ^2/NDF : 456694.3/10

Left: 4934.798+/-0.820 χ^2/NDF : 1413713.7/23

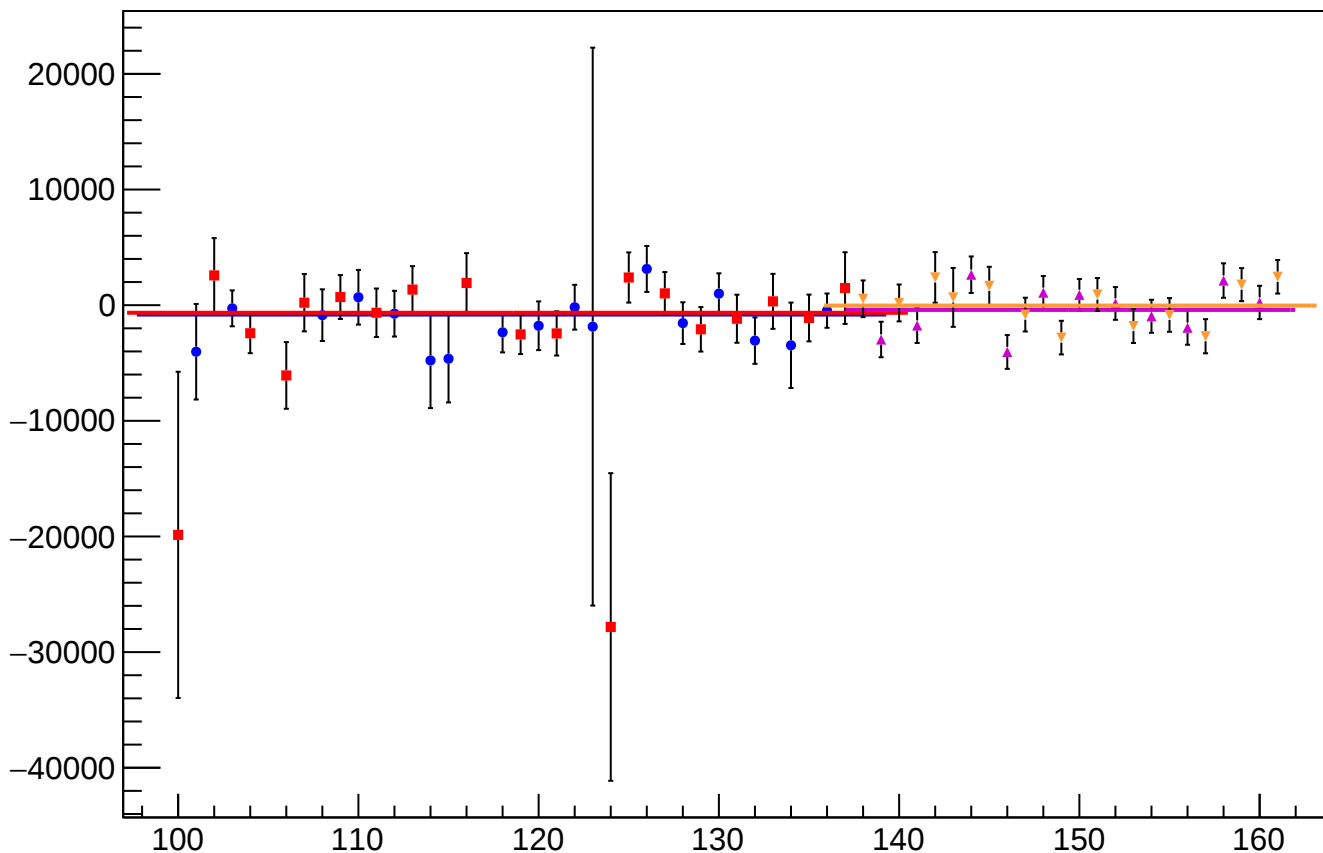
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4149.627+/-0.784 χ^2/NDF : 3290081.8/27

Out: 3948.483+/-0.729 χ^2/NDF : 3841126.1/31

All: 4041.783+/-0.534 χ^2/NDF : 7166520.3/59

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 $\pm$ 518.190 χ^2 /NDF: 11.2/16

Left Out: -31.897 $\pm$ 433.661 χ^2 /NDF:16.5/12

Right Out: -656.248 $\pm$ 514.588 χ^2 /NDF: 20.4/18

Left In: -408.717 $\pm$ 441.639 χ^2 /NDF:20.0/10

Left: -216.873 $\pm$ 309.427 χ^2 /NDF: 36.8/23

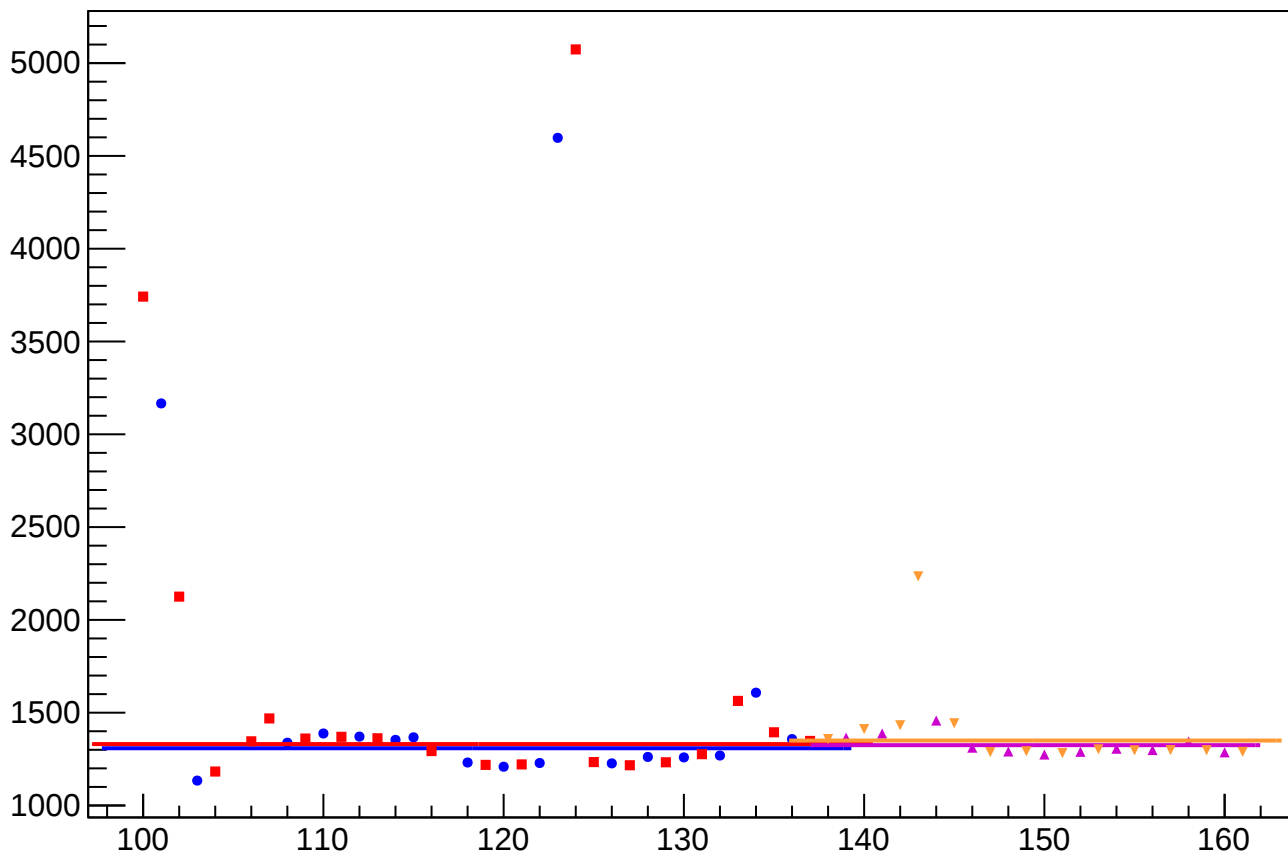
Right: -732.099 $\pm$ 365.136 χ^2 /NDF: 31.6/35

In: -577.142 $\pm$ 336.125 χ^2 /NDF:31.5/27

Out: -291.173 $\pm$ 331.610 χ^2 /NDF:37.7/31

All: -432.224 $\pm$ 236.063 χ^2 /NDF: 69.6/59

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1349.977 $\pm$ 0.307 χ^2 /NDF: 278022.0/12

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

Left In: 1324.958 $\pm$ 0.312 χ^2 /NDF: 27028.0/10

Left: 1337.696 $\pm$ 0.219 χ^2 /NDF: 308317.5/23

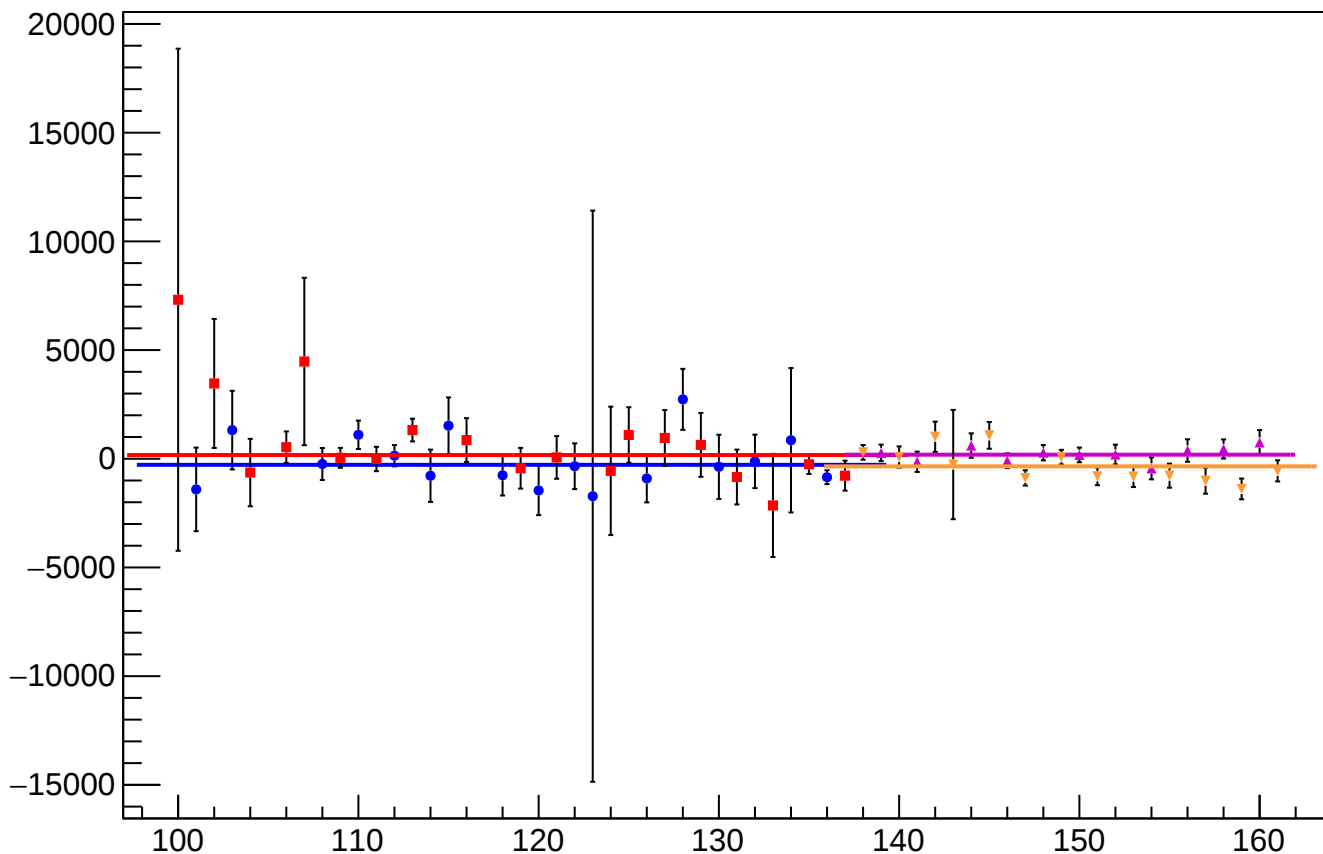
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1317.977 $\pm$ 0.238 χ^2 /NDF: 534760.7/27

Out: 1342.038 $\pm$ 0.234 χ^2 /NDF: 695481.5/31

All: 1330.170 $\pm$ 0.167 χ^2 /NDF: 1235435.5/59

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -348.766 ± 129.512 $\chi^2/\text{NDF}: 26.4/12$

Right Out: 171.593 ± 192.461 $\chi^2/\text{NDF}: 14.7/18$

Left In: 187.698 ± 128.252 $\chi^2/\text{NDF}: 4.9/10$

Left: -77.912 ± 91.130 $\chi^2/\text{NDF}: 40.0/23$

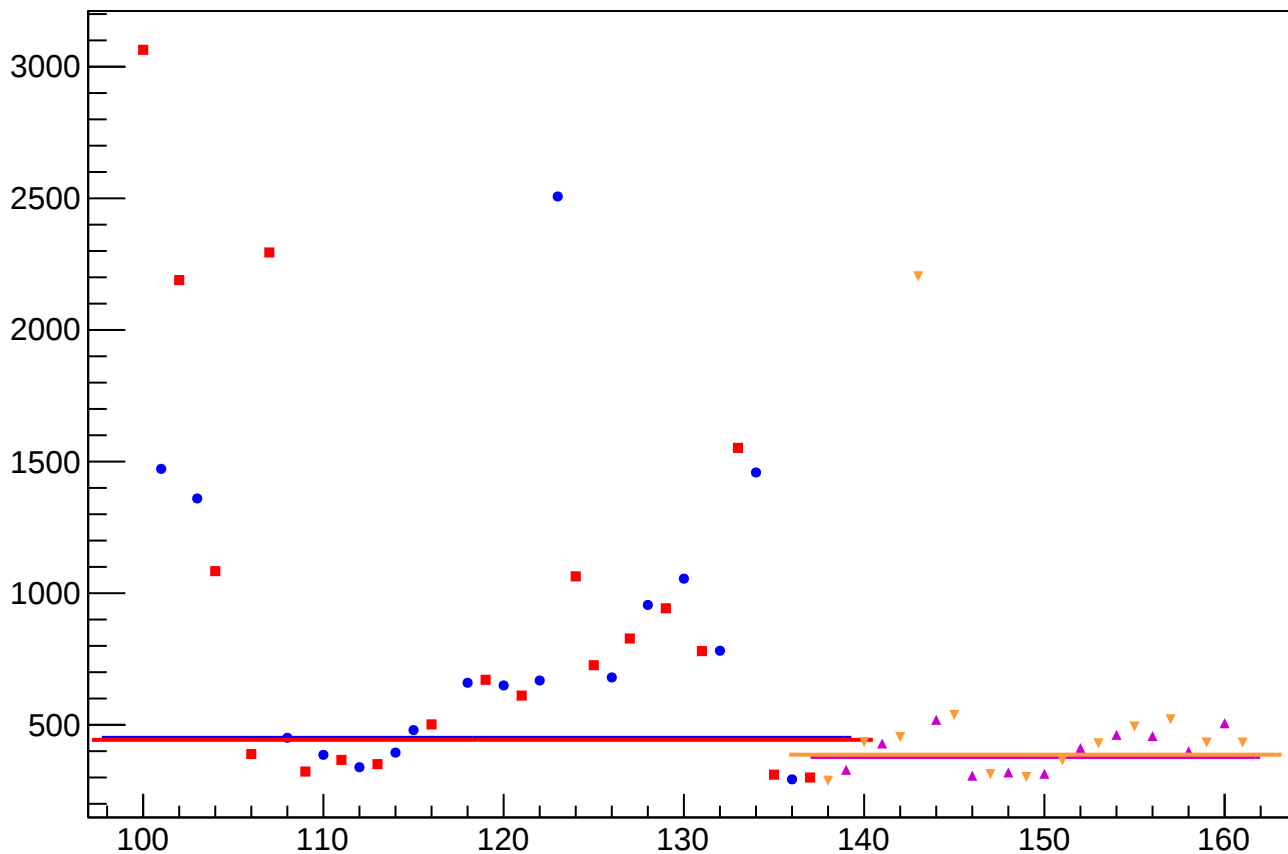
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

In: 49.968 ± 107.663 $\chi^2/\text{NDF}: 26.8/27$

Out: -186.577 ± 107.449 $\chi^2/\text{NDF}: 46.2/31$

All: -68.540 ± 76.053 $\chi^2/\text{NDF}: 75.4/59$

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: 386.723 $\pm$ 0.092 χ^2 /NDF: 1822596.7/12

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

Left In: 378.020 $\pm$ 0.091 χ^2 /NDF: 616326.7/10

Left: 382.329 $\pm$ 0.064 χ^2 /NDF: 2443482.5/23

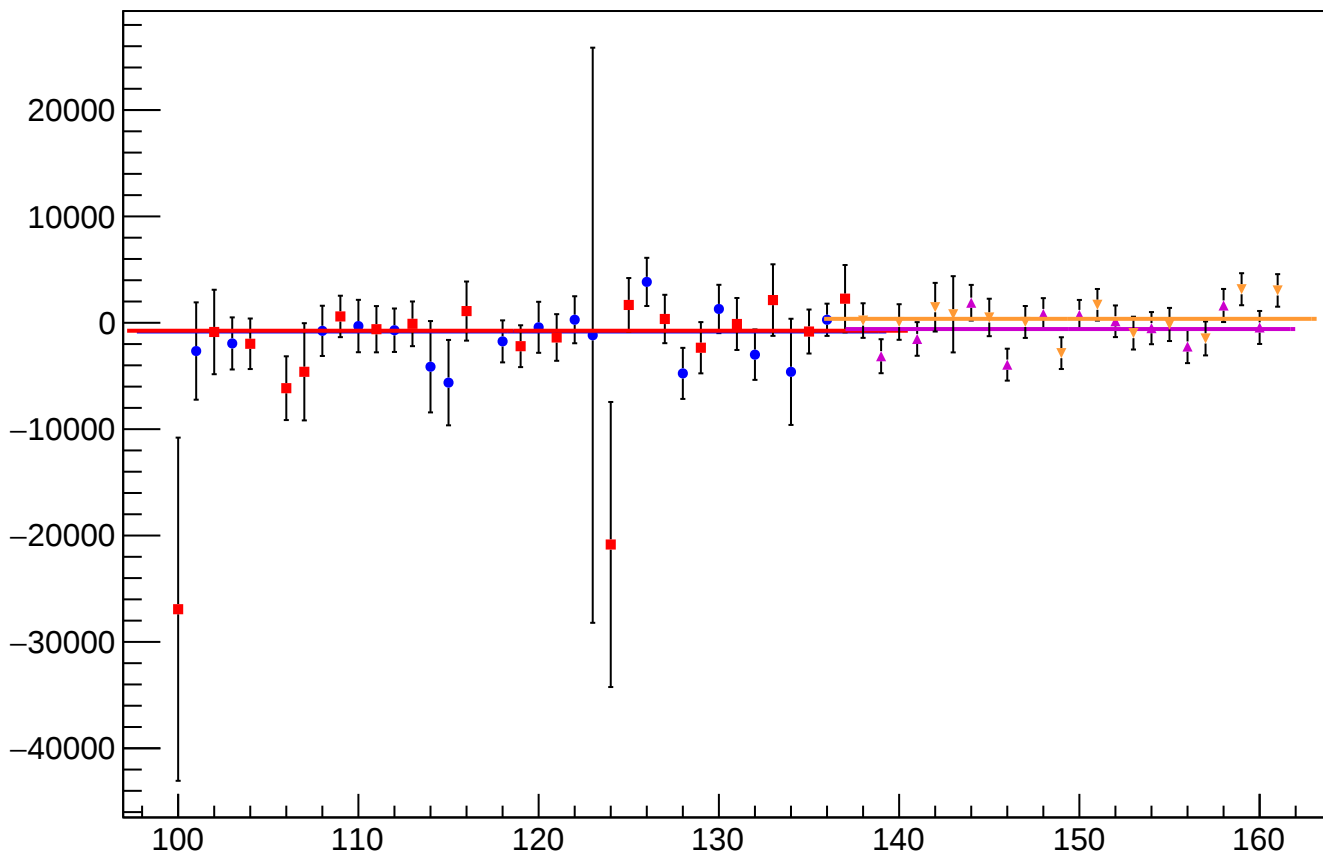
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 399.452 $\pm$ 0.076 χ^2 /NDF: 3803183.9/27

Out: 404.293 $\pm$ 0.076 χ^2 /NDF: 5412076.1/31

All: 401.877 $\pm$ 0.054 χ^2 /NDF: 9217286.4/59

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: 371.680+/-457.993 χ^2/NDF :14.5/12

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

Left In: -587.989+/-462.561 χ^2/NDF :15.2/10

Left: -103.393+/-325.453 χ^2/NDF : 31.9/23

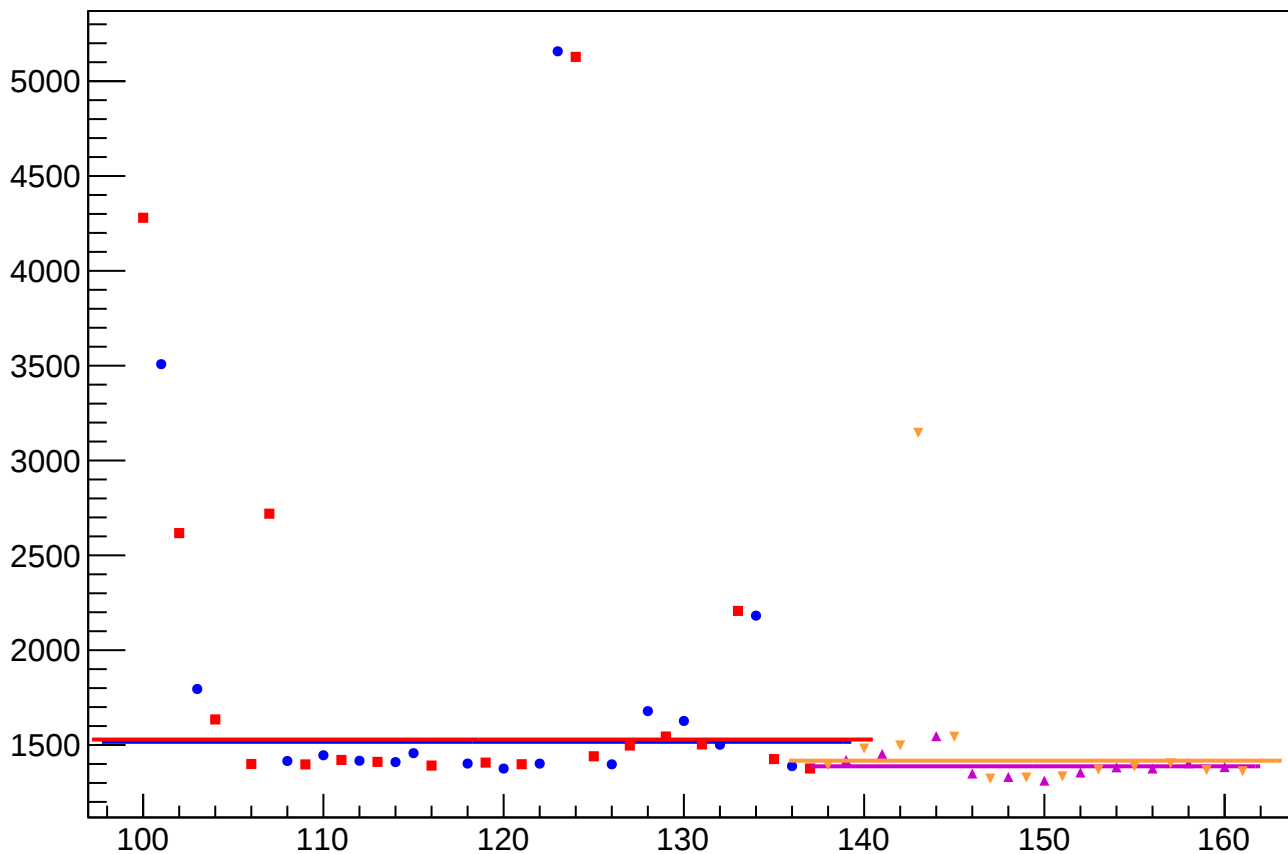
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -673.196+/-366.596 χ^2/NDF :28.0/27

Out: -43.716+/-363.077 χ^2/NDF :30.7/31

All: -355.420+/-257.969 χ^2/NDF : 60.2/59

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: 1417.517 ± 0.324 χ^2/NDF : 510218.7/12

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

Left In: 1387.671 ± 0.327 χ^2/NDF : 33566.2/10

Left: 1402.742 ± 0.230 χ^2/NDF : 547989.5/23

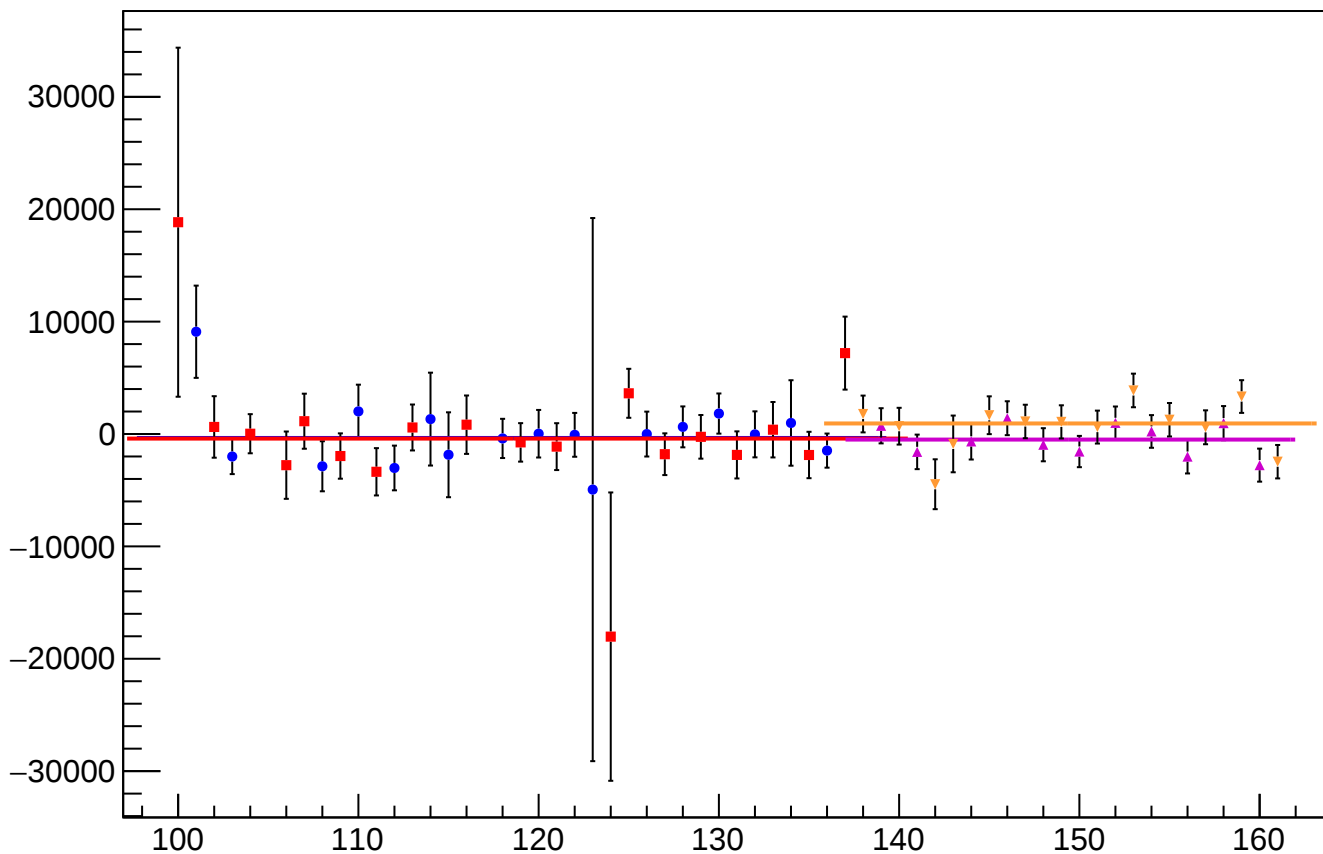
Right: 1522.950 ± 0.299 χ^2/NDF : 1171618.0/35

In: 1435.743 ± 0.259 χ^2/NDF : 632690.0/27

Out: 1458.884 ± 0.257 χ^2/NDF : 1184315.0/31

All: 1447.425 ± 0.182 χ^2/NDF : 1821028.1/59

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: 938.047+/-442.953 χ^2/NDF : 18.9/12

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

Left In: -496.399+/-450.823 χ^2/NDF : 9.0/10

Left: 233.453+/-315.961 χ^2/NDF : 33.1/23

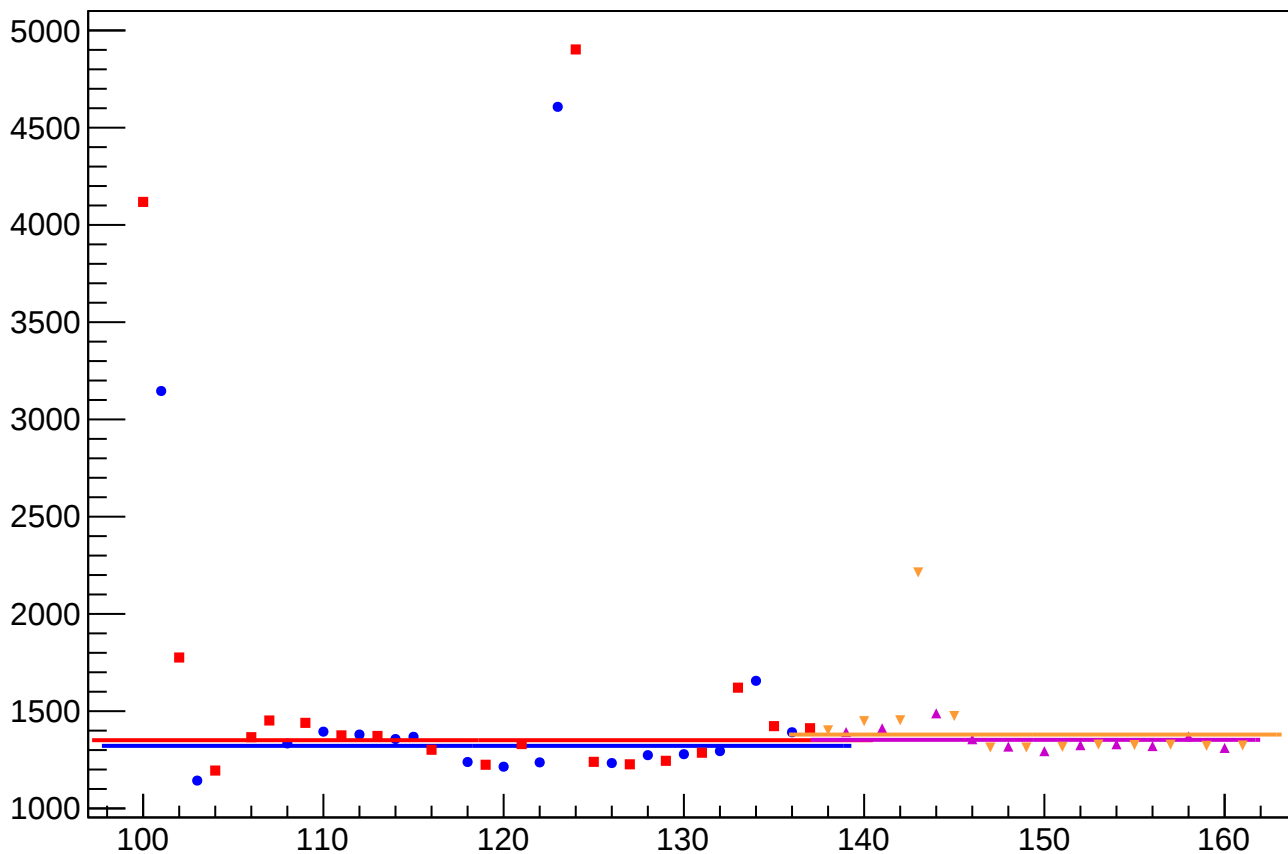
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -435.369+/-341.560 χ^2/NDF : 22.5/27

Out: 374.868+/-337.754 χ^2/NDF : 41.2/31

All: -25.710+/-240.163 χ^2/NDF : 66.5/59

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1379.782 $\pm$ 0.313 χ^2 /NDF: 255962.2/12

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

Left In: 1352.614 $\pm$ 0.319 χ^2 /NDF: 27178.9/10

Left: 1366.438 $\pm$ 0.223 χ^2 /NDF: 286836.7/23

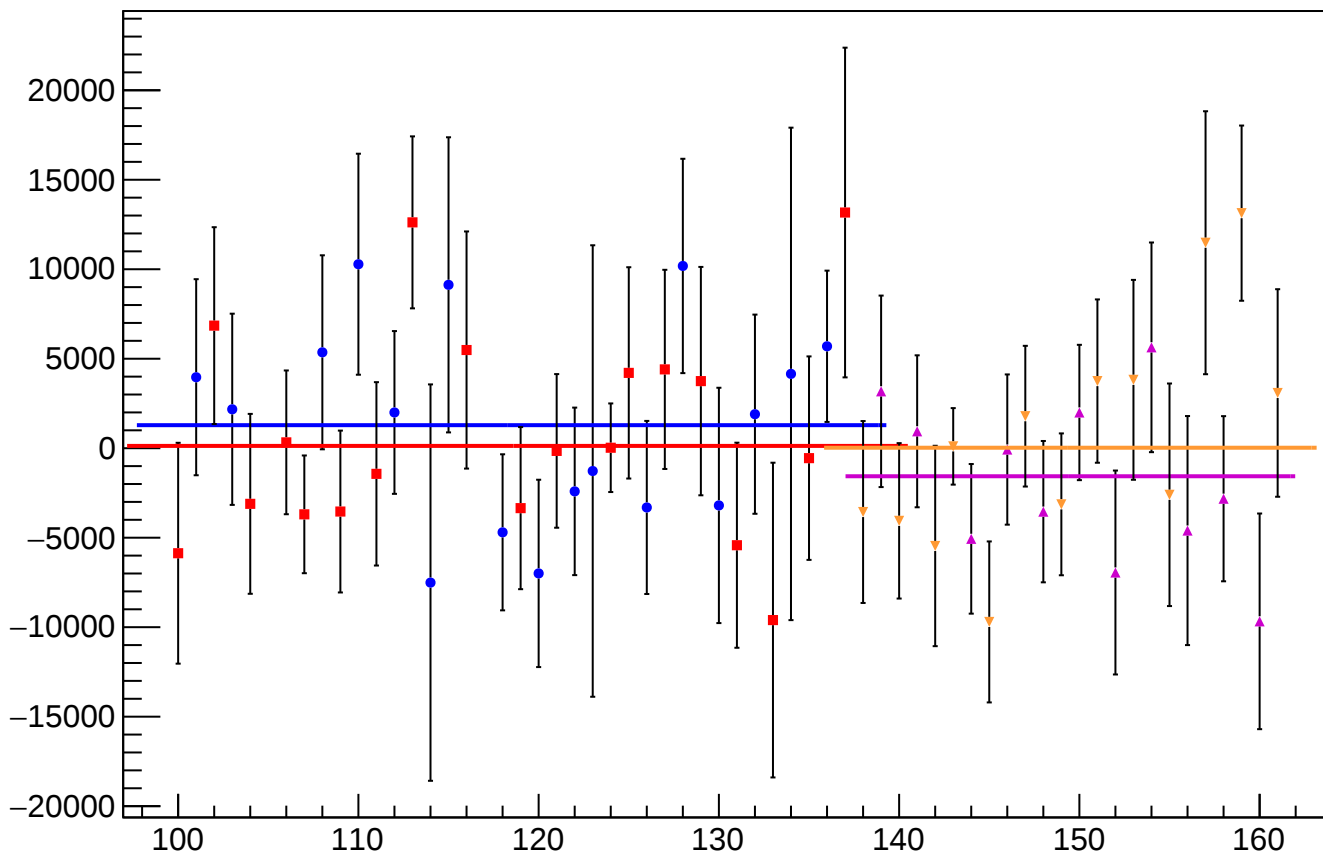
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.446 $\pm$ 0.242 χ^2 /NDF: 533430.2/27

Out: 1367.632 $\pm$ 0.239 χ^2 /NDF: 609439.0/31

All: 1353.700 $\pm$ 0.170 χ^2 /NDF: 1149756.5/59

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: 27.253+/-1181.581 χ^2/NDF : 19.1/12

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

Left In: -1566.792+/-1417.888 χ^2/NDF : 7.6/10

Left: -626.049+/-907.713 χ^2/NDF : 27.4/23

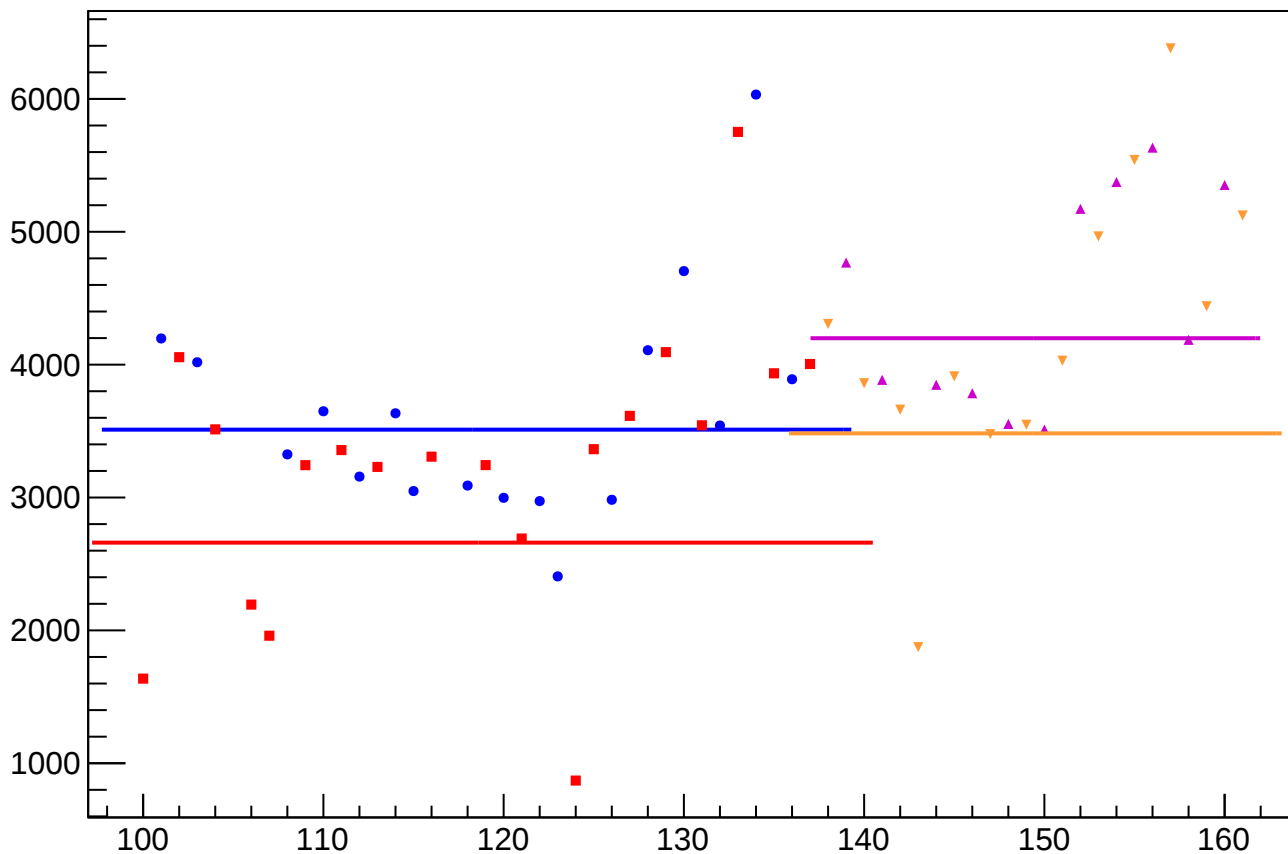
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: -96.712+/-987.401 χ^2/NDF : 24.0/27

Out: 82.289+/-800.472 χ^2/NDF : 37.6/31

All: 11.301+/-621.809 χ^2/NDF : 61.6/59

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: 3482.883 $\pm$ 0.836 χ^2 /NDF: 2157073.5/12

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

Left In: 4199.019 $\pm$ 1.003 χ^2 /NDF: 499422.2/10

Left: 3776.383 $\pm$ 0.642 χ^2 /NDF: 2957593.2/23

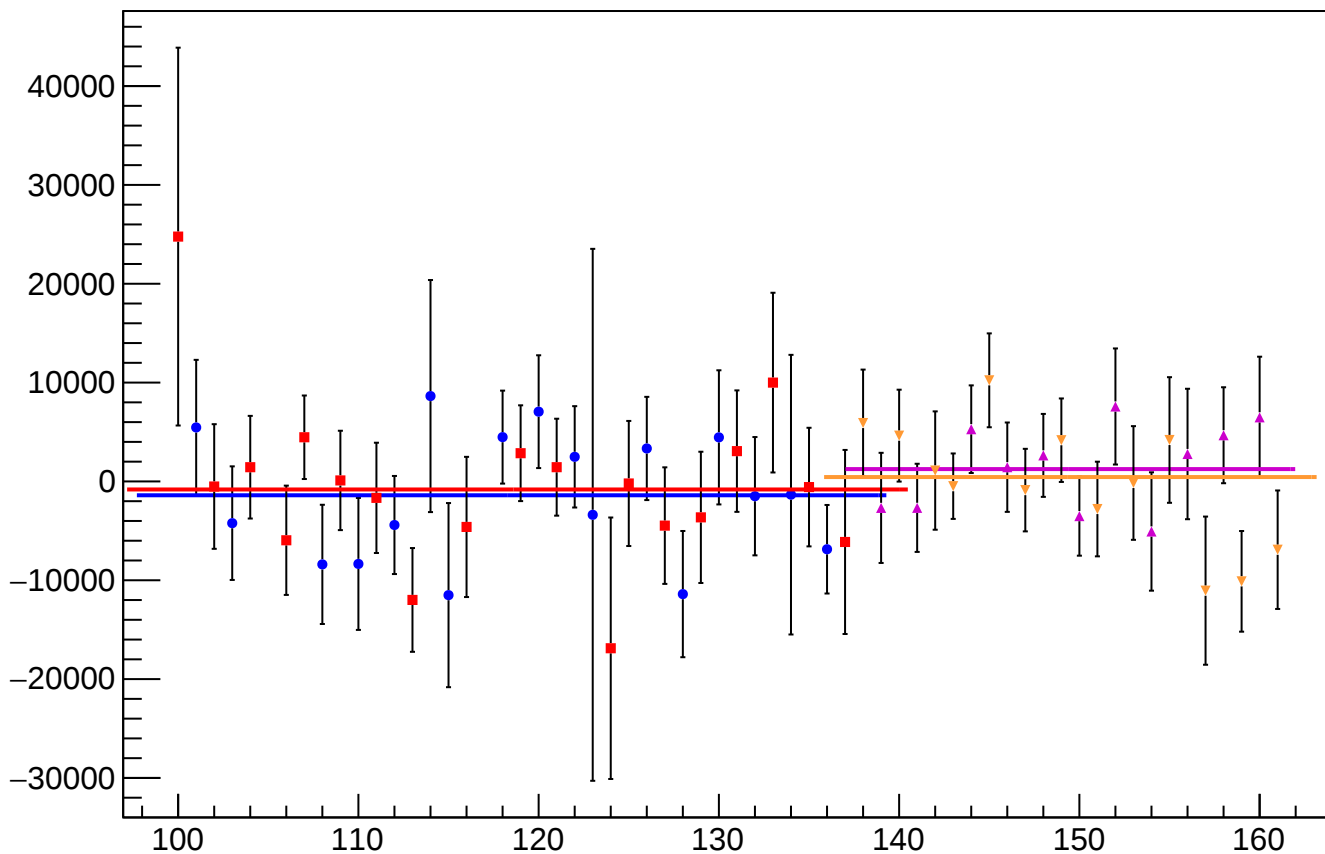
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3844.556 $\pm$ 0.698 χ^2 /NDF: 1086162.2/27

Out: 3038.006 $\pm$ 0.566 χ^2 /NDF: 4863747.1/31

All: 3357.865 $\pm$ 0.440 χ^2 /NDF: 6755152.1/59

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 441.899 ± 1360.578 $\chi^2/\text{NDF}: 16.0/12$

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

Left In: 1248.496 ± 1490.146 $\chi^2/\text{NDF}: 7.2/10$

Left: 808.612 ± 1004.764 $\chi^2/\text{NDF}: 23.4/23$

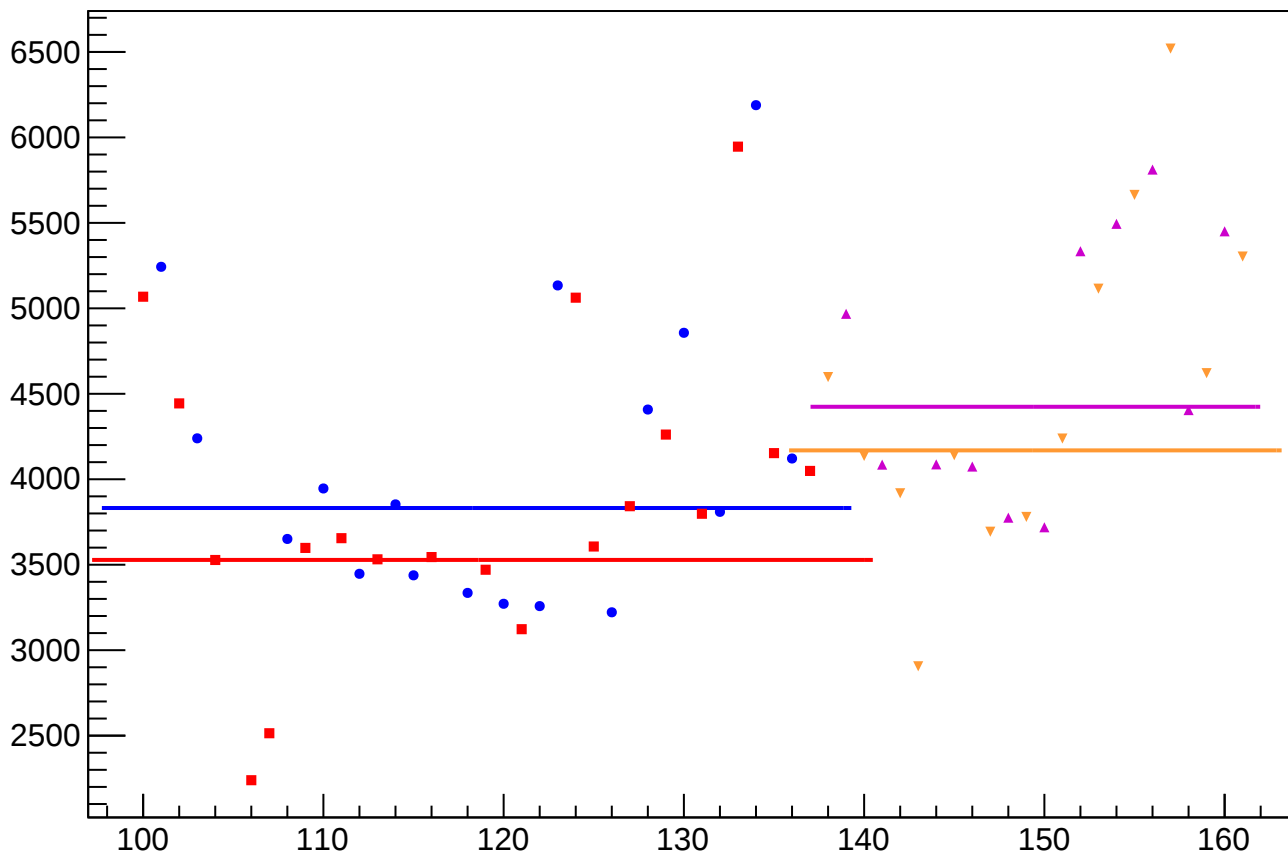
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -64.080 ± 1058.609 $\chi^2/\text{NDF}: 24.5/27$

Out: -177.593 ± 968.558 $\chi^2/\text{NDF}: 30.7/31$

All: -125.869 ± 714.593 $\chi^2/\text{NDF}: 55.2/59$

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: 4168.993+/-0.962 χ^2/NDF : 799684.3/12

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

Left In: 4424.102+/-1.054 χ^2/NDF : 420363.3/10

Left: 4284.977+/-0.710 χ^2/NDF : 1252014.9/23

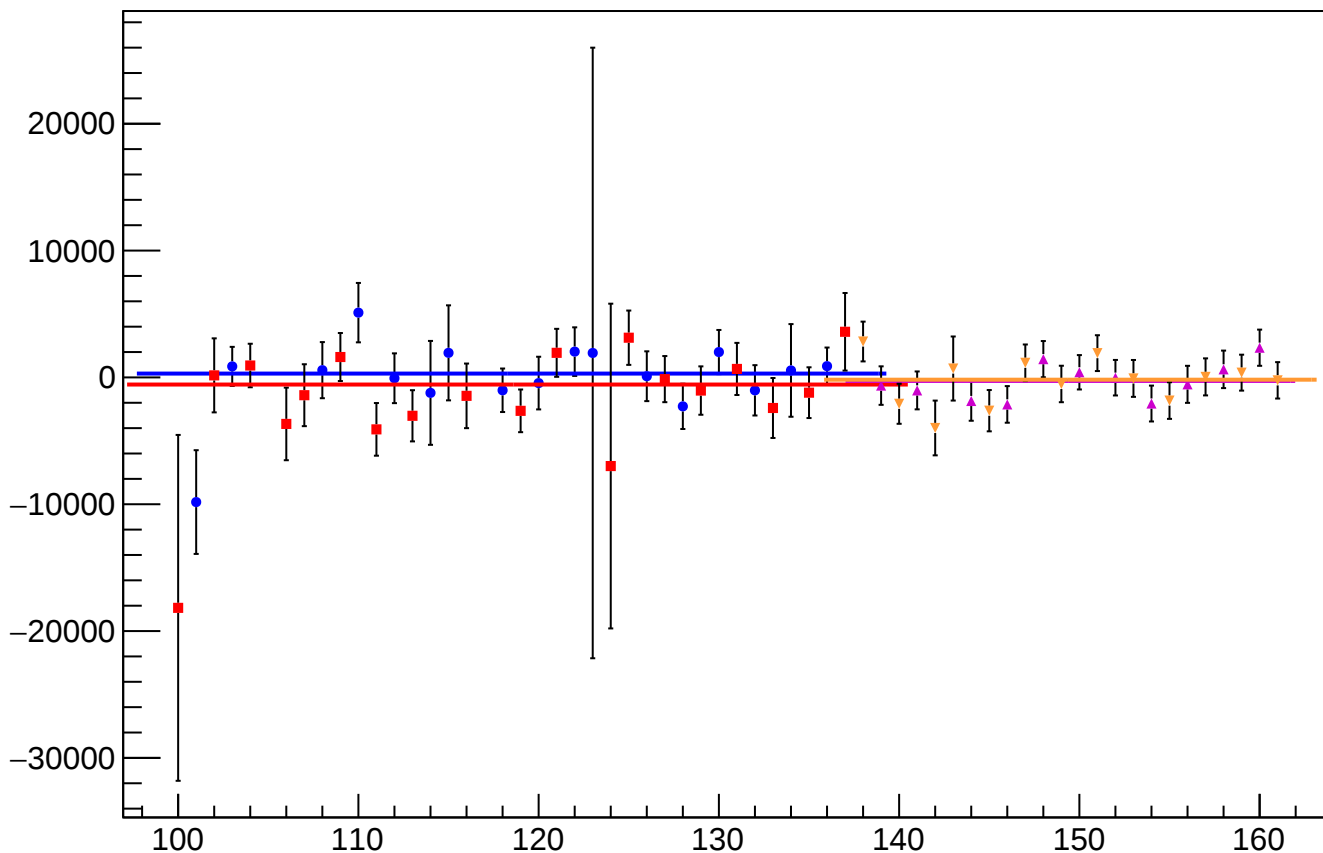
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4130.722+/-0.749 χ^2/NDF : 914576.9/27

Out: 3849.954+/-0.682 χ^2/NDF : 1577785.2/31

All: 3977.262+/-0.504 χ^2/NDF : 2569260.0/59

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: -179.925 $\pm$ 429.233 χ^2 /NDF:15.2/12

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

Left In: -278.077 $\pm$ 437.025 χ^2 /NDF:10.1/10

Left: -228.118 $\pm$ 306.231 χ^2 /NDF: 25.3/23

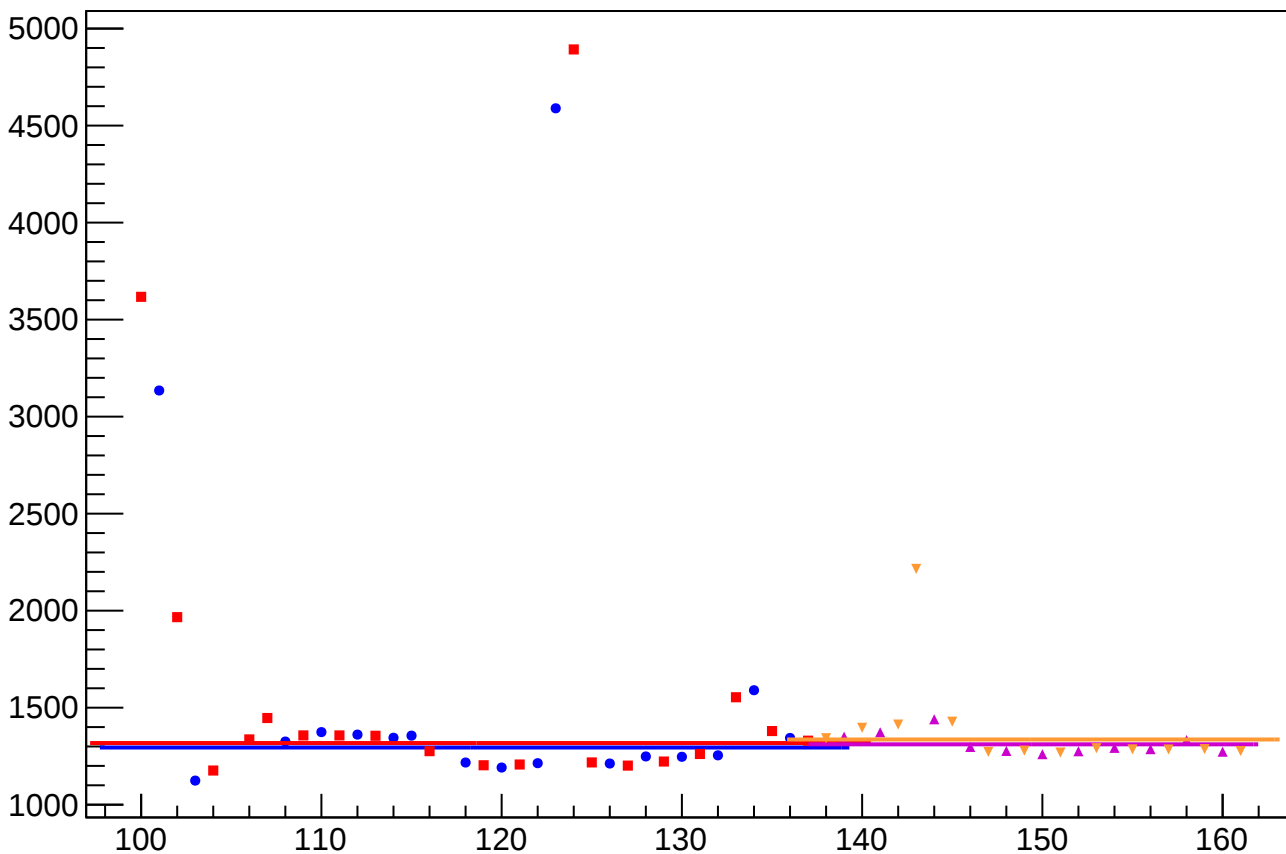
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -34.055 $\pm$ 332.629 χ^2 /NDF:26.9/27

Out: -339.053 $\pm$ 327.955 χ^2 /NDF:34.7/31

All: -188.713 $\pm$ 233.534 χ^2 /NDF: 62.0/59

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1336.085+/-0.304 χ^2/NDF : 278581.8/12

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

Left In: 1311.103+/-0.309 χ^2/NDF : 26706.2/10

Left: 1323.819+/-0.217 χ^2/NDF : 308614.5/23

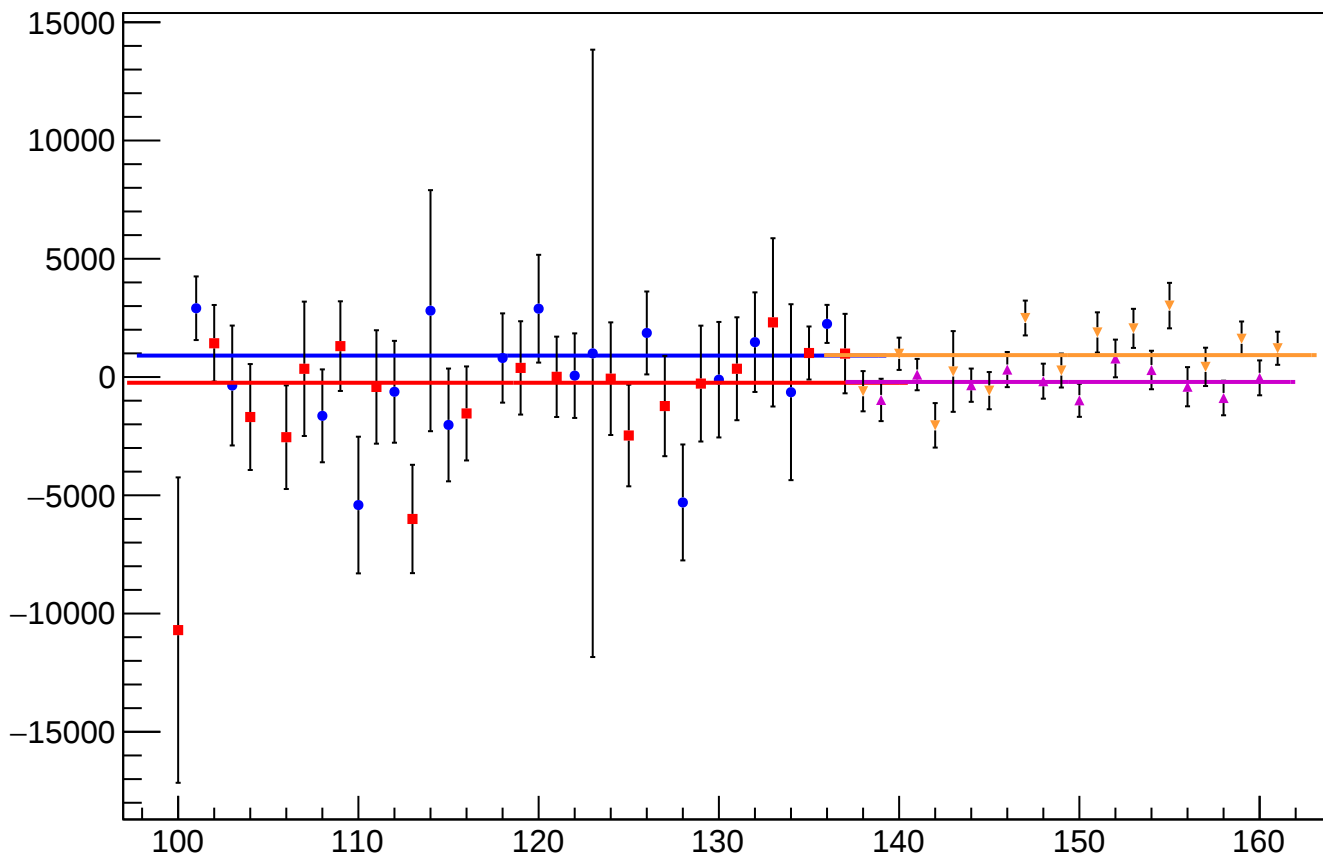
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1304.215+/-0.235 χ^2/NDF : 535691.2/27

Out: 1328.470+/-0.232 χ^2/NDF : 670901.7/31

All: 1316.514+/-0.165 χ^2/NDF : 1211985.4/59

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: 926.630 $\pm$ 224.889 χ^2 /NDF:31.7/12

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

Left In: -208.138 $\pm$ 226.605 χ^2 /NDF:5.6/10

Left: 363.559 $\pm$ 159.624 χ^2 /NDF: 49.9/23

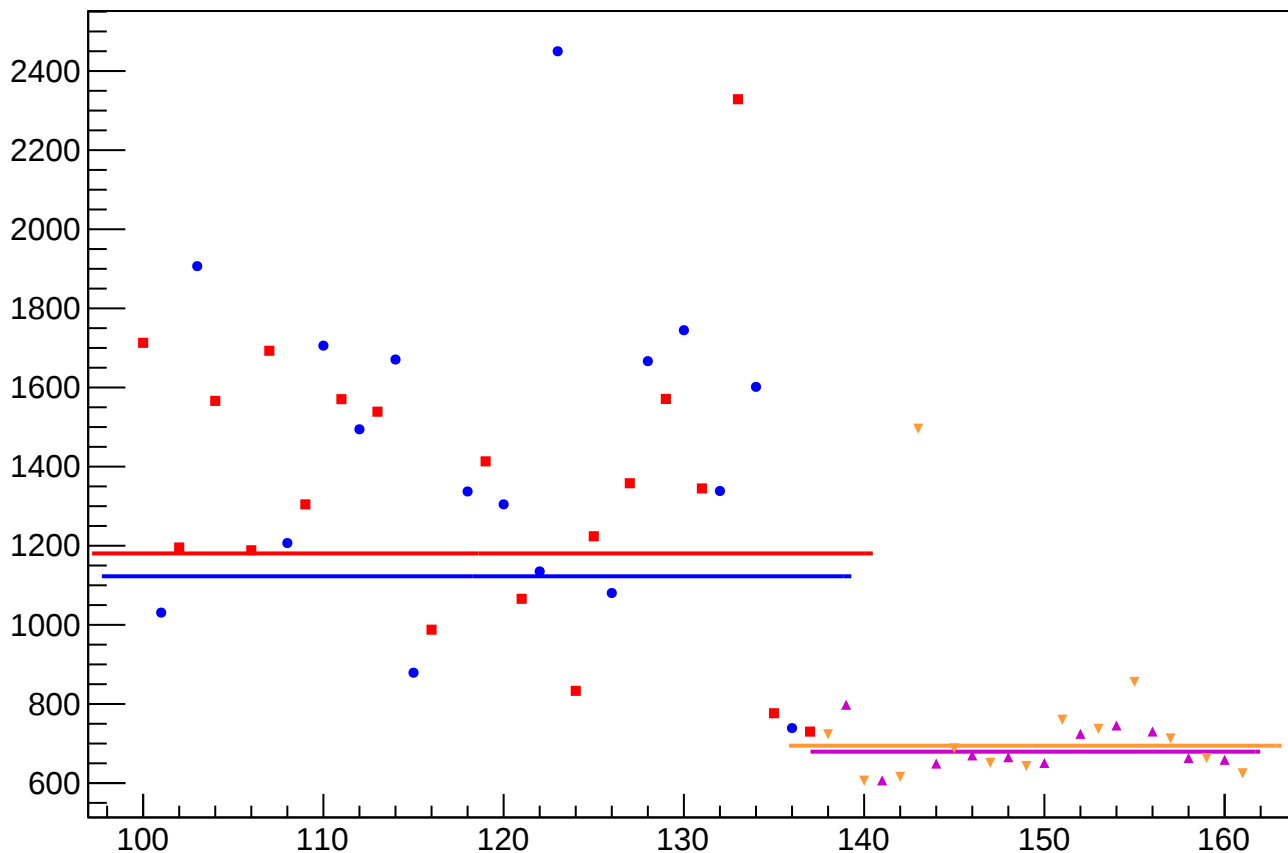
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 12.771 $\pm$ 202.916 χ^2 /NDF:32.4/27

Out: 703.756 $\pm$ 202.317 χ^2 /NDF:53.3/31

All: 359.284 $\pm$ 143.271 χ^2 /NDF: 91.5/59

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: 694.589+/-0.159 χ^2/NDF : 605930.6/12

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

Left In: 679.403+/-0.160 χ^2/NDF : 96765.5/10

Left: 687.053+/-0.113 χ^2/NDF : 707221.4/23

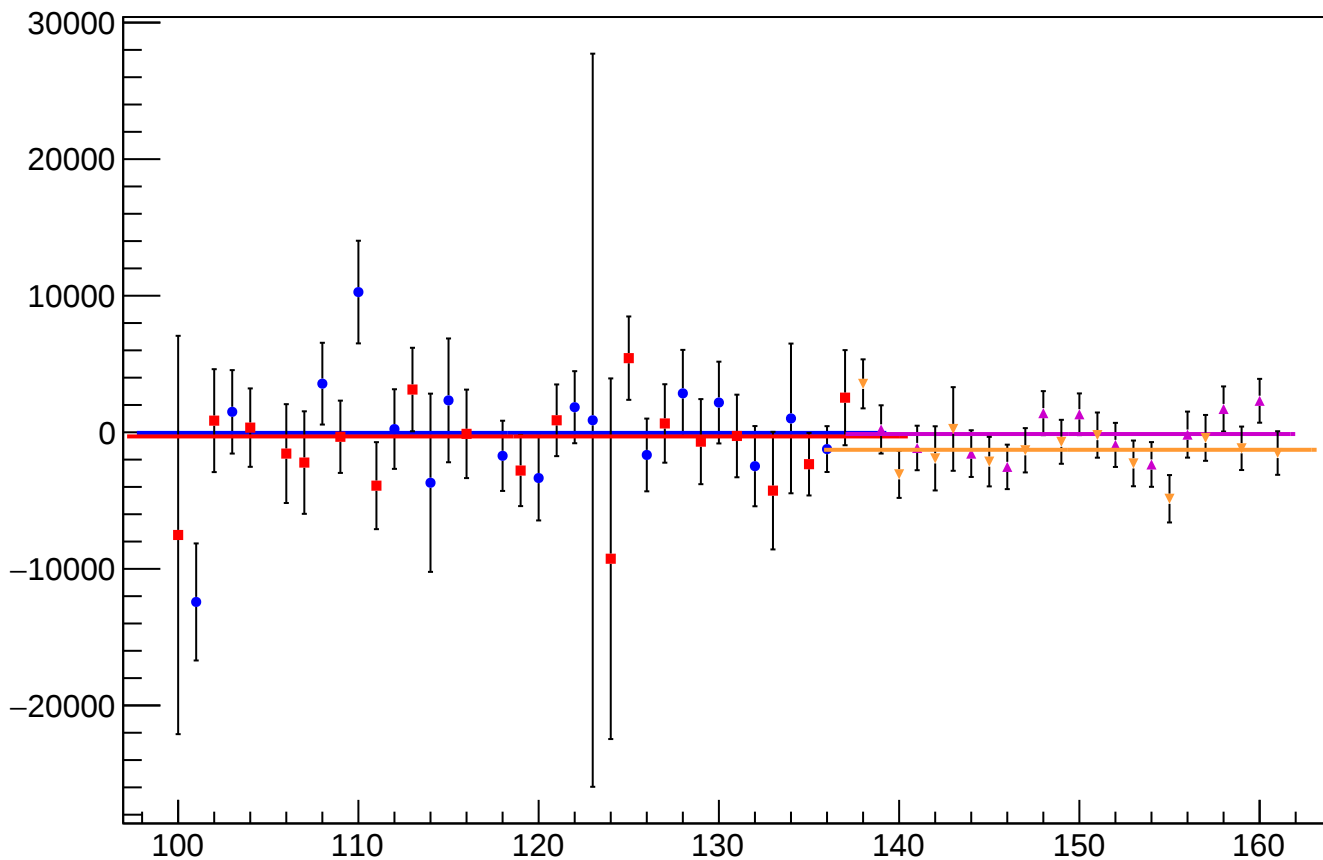
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 767.259+/-0.143 χ^2/NDF : 2801913.6/27

Out: 787.245+/-0.143 χ^2/NDF : 3421931.4/31

All: 777.281+/-0.101 χ^2/NDF : 6233574.7/59

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: -1281.540 ± 487.913 $\chi^2/\text{NDF}: 14.3/12$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -126.960 ± 494.246 $\chi^2/\text{NDF}: 10.7/10$

Left: -711.695 ± 347.224 $\chi^2/\text{NDF}: 27.9/23$

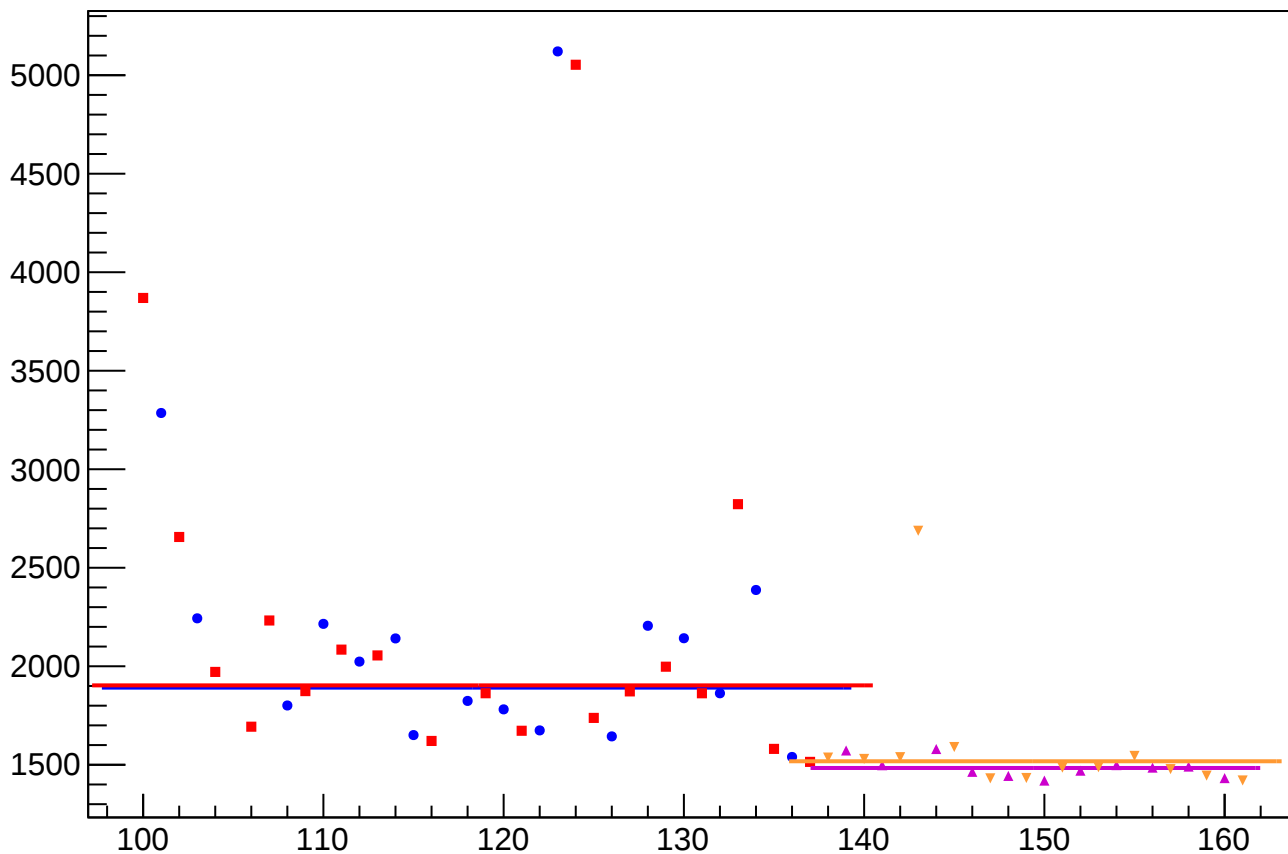
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -101.840 ± 412.290 $\chi^2/\text{NDF}: 34.0/27$

Out: -982.141 ± 406.408 $\chi^2/\text{NDF}: 26.4/31$

All: -548.315 ± 289.431 $\chi^2/\text{NDF}: 62.7/59$

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: 1517.834 $\pm$ 0.345 χ^2 /NDF: 321483.5/12

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1483.753 $\pm$ 0.349 χ^2 /NDF: 18982.1/10

Left: 1501.013 $\pm$ 0.246 χ^2 /NDF: 345281.9/23

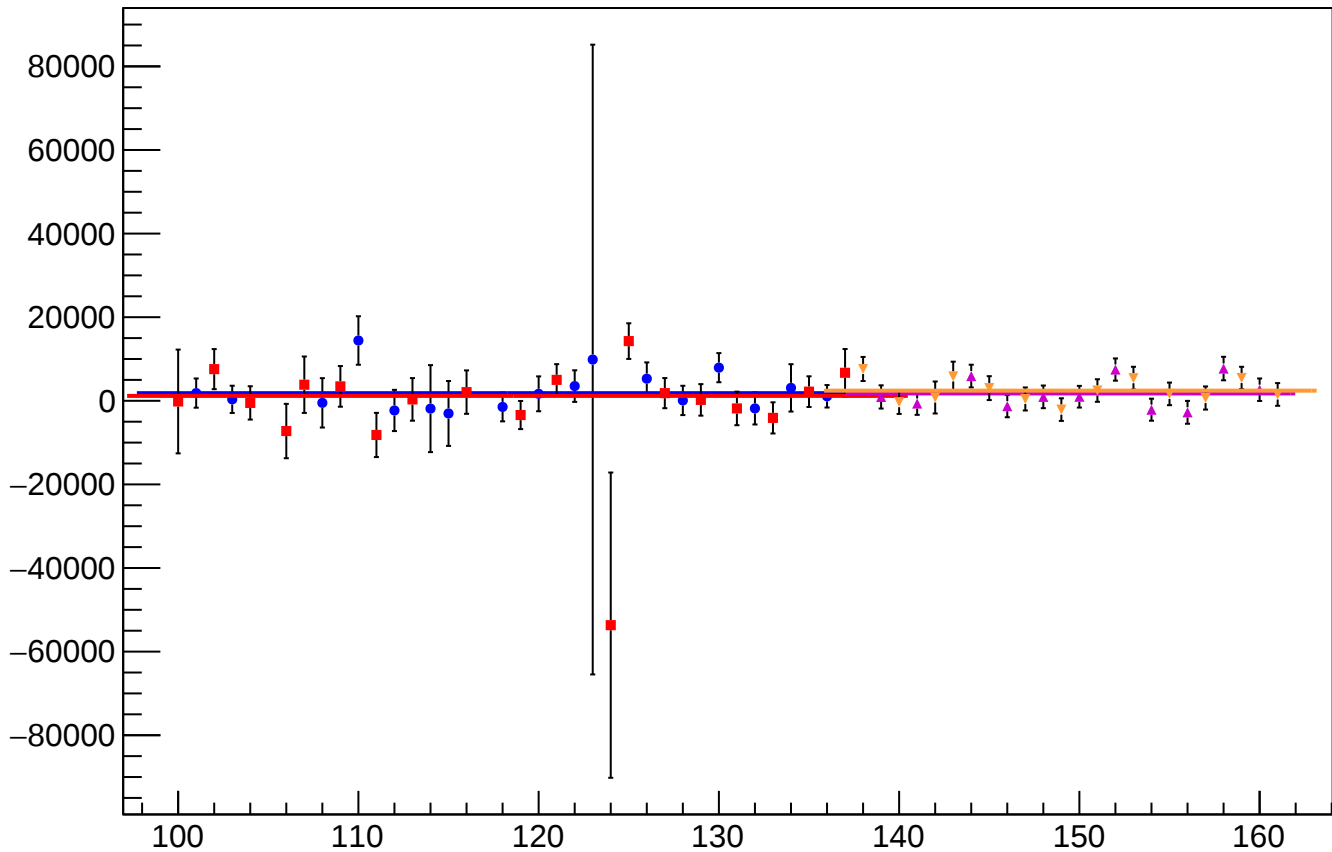
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1607.819 $\pm$ 0.292 χ^2 /NDF: 902419.8/27

Out: 1635.774 $\pm$ 0.287 χ^2 /NDF: 1163278.6/31

All: 1621.997 $\pm$ 0.205 χ^2 /NDF: 2070361.6/59

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2428.369 $\pm$ 790.384 χ^2 /NDF:11.8/12

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1753.172 $\pm$ 813.075 χ^2 /NDF:18.8/10

Left: 2100.323 $\pm$ 566.738 χ^2 /NDF: 31.0/23

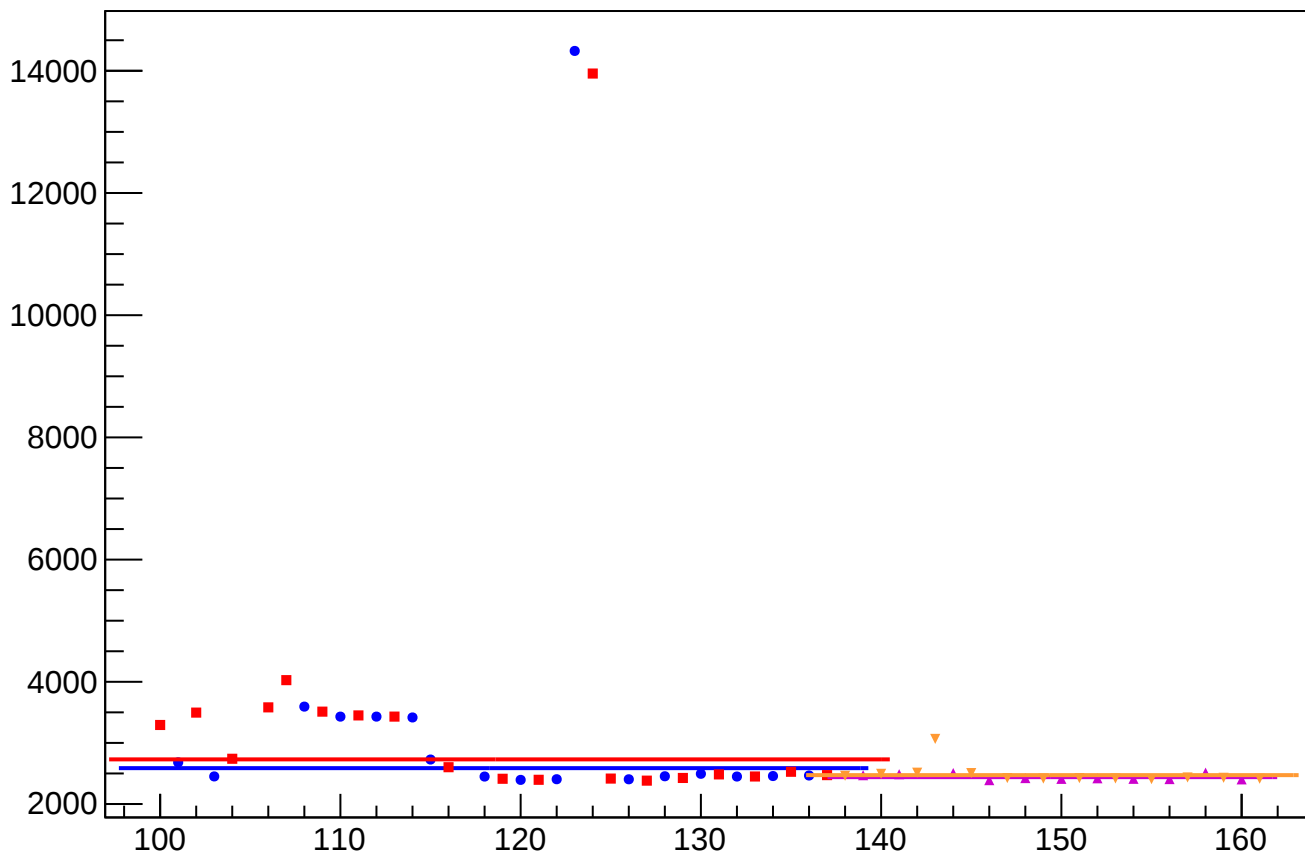
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1781.428 $\pm$ 633.391 χ^2 /NDF:31.4/27

Out: 1972.295 $\pm$ 630.642 χ^2 /NDF:38.1/31

All: 1877.276 $\pm$ 446.900 χ^2 /NDF: 69.6/59

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2472.632+/-0.559 χ^2/NDF : 63303.9/12

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

Left In: 2439.818+/-0.575 χ^2/NDF : 5421.1/10

Left: 2456.689+/-0.401 χ^2/NDF : 70400.0/23

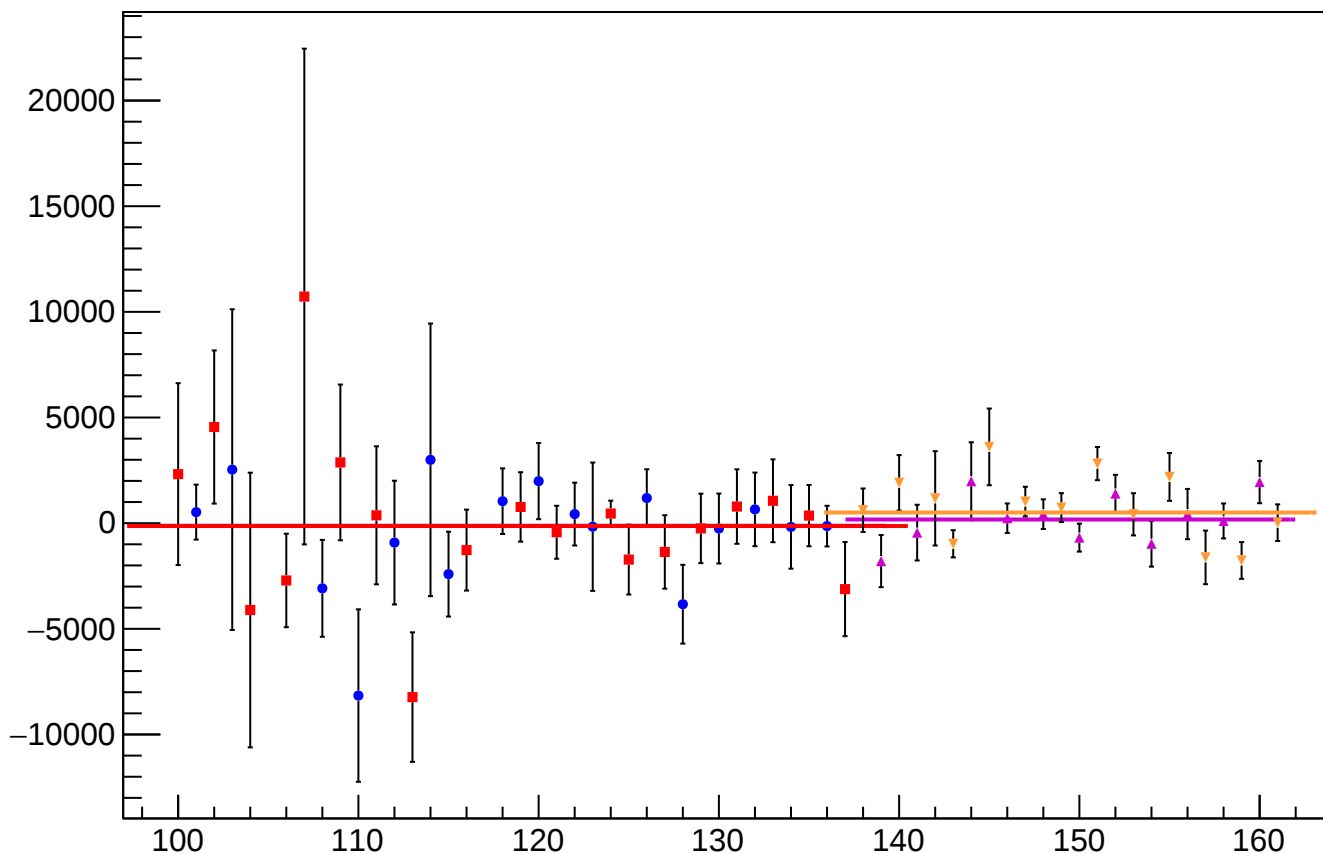
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2497.674+/-0.448 χ^2/NDF : 285291.6/27

Out: 2566.327+/-0.446 χ^2/NDF : 725643.4/31

All: 2532.150+/-0.316 χ^2/NDF : 1022734.6/59

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 504.141+/-255.707 χ^2/NDF : 31.0/12

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

Left In: 173.278+/-275.344 χ^2/NDF : 11.8/10

Left: 350.928+/-187.370 χ^2/NDF : 43.5/23

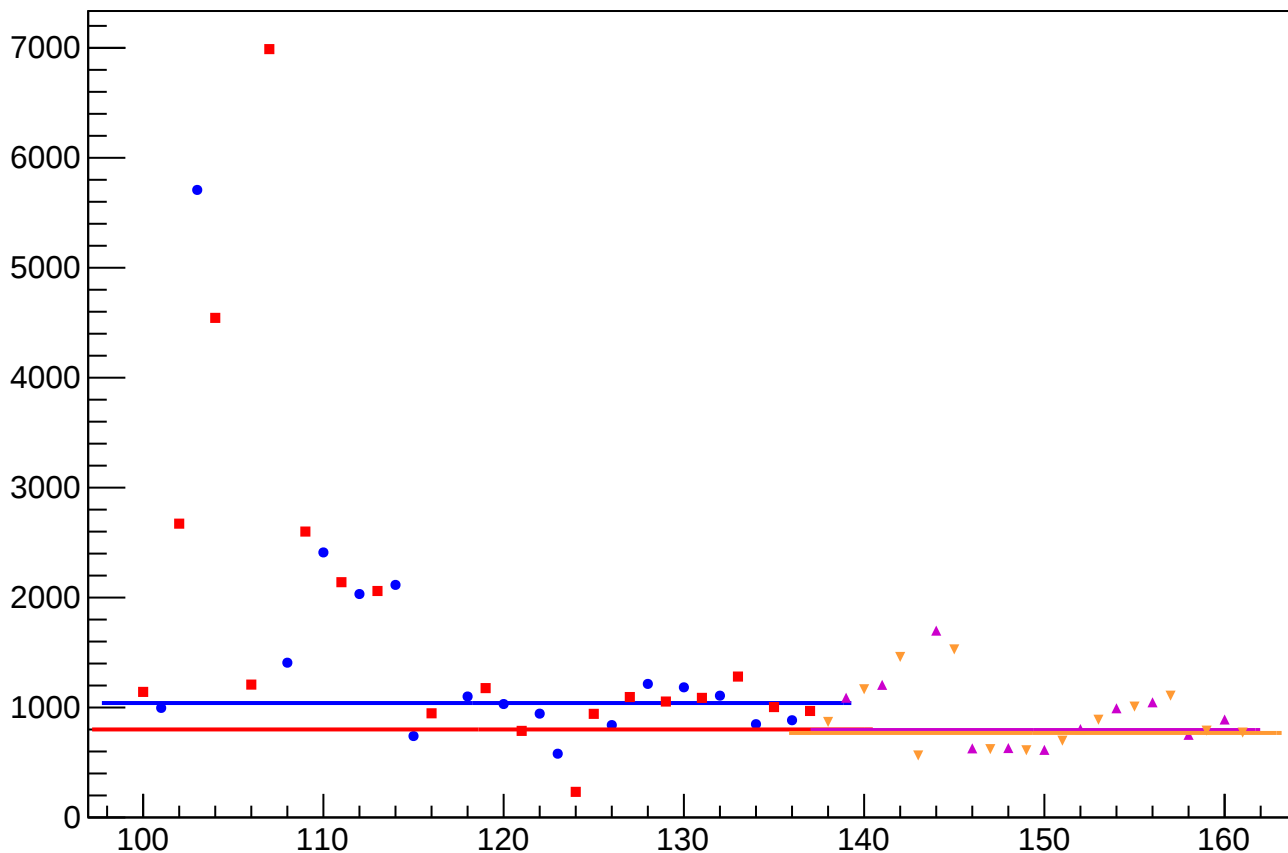
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 86.911+/-231.998 χ^2/NDF : 26.8/27

Out: 304.423+/-212.050 χ^2/NDF : 50.8/31

All: 205.419+/-156.520 χ^2/NDF : 78.1/59

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.712+/-0.181 χ^2/NDF : 1420689.8/12

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

Left In: 795.146+/-0.195 χ^2/NDF : 1341835.2/10

Left: 780.953+/-0.132 χ^2/NDF : 2772422.4/23

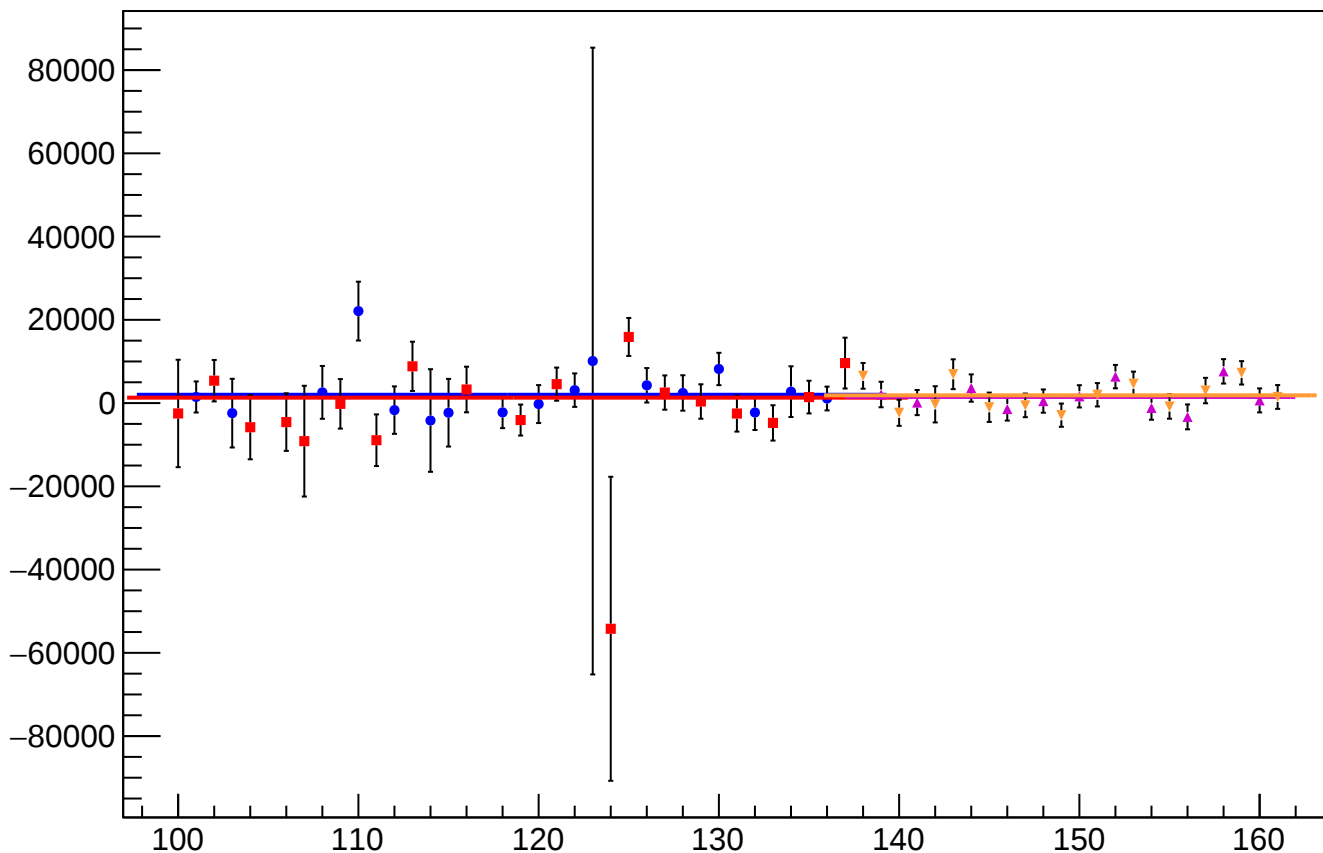
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 866.391+/-0.164 χ^2/NDF : 3376487.0/27

Out: 778.611+/-0.150 χ^2/NDF : 6617313.1/31

All: 818.565+/-0.111 χ^2/NDF : 10149796.1/59

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2/NDF : 14.9/16

Left Out: 1861.142 $\pm$ 849.390 χ^2/NDF :16.2/12

Right Out: 1304.124 $\pm$ 1188.654 χ^2/NDF : 27.6/18

Left In: 1481.629 $\pm$ 875.626 χ^2/NDF :12.8/10

Left: 1677.156 $\pm$ 609.674 χ^2/NDF : 29.1/23

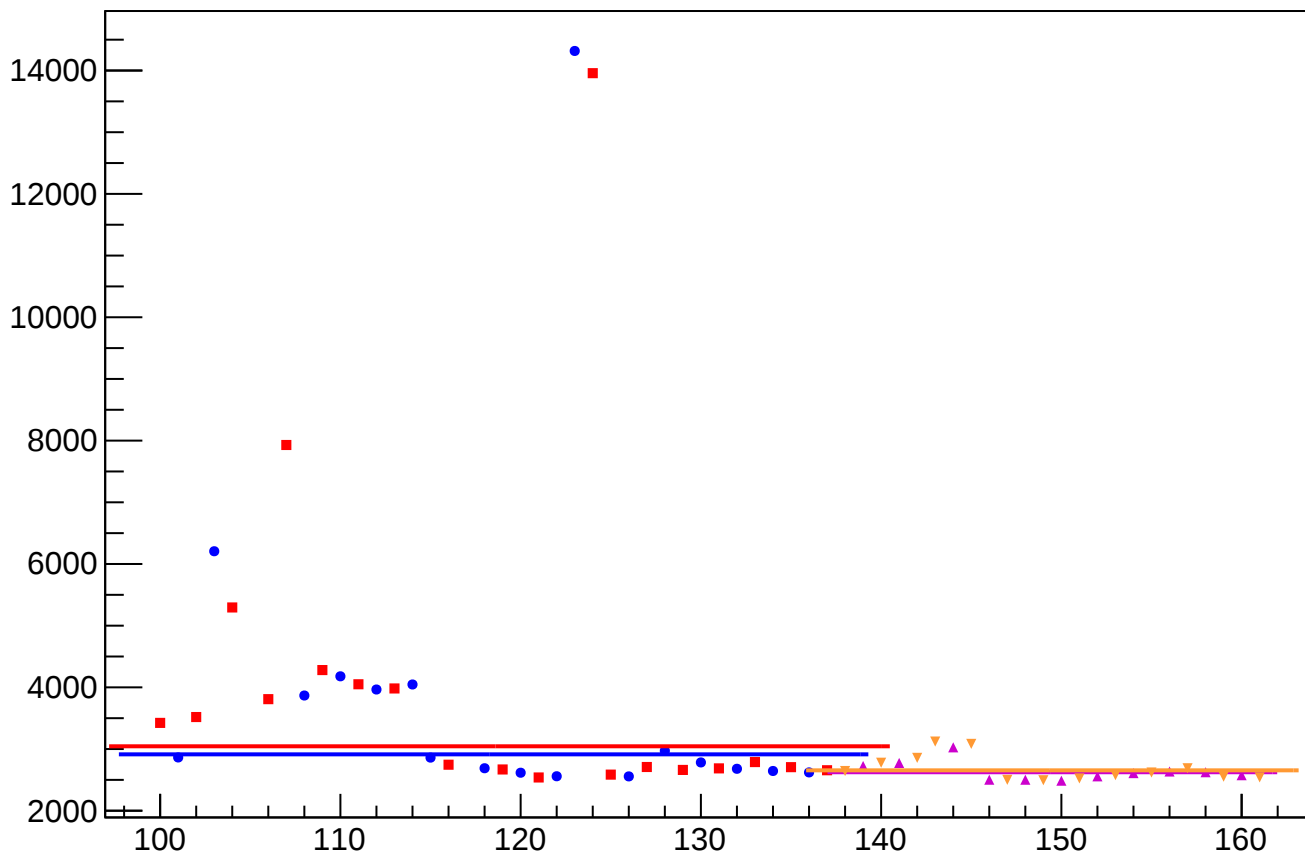
Right: 1660.114 $\pm$ 828.371 χ^2/NDF : 42.7/35

In: 1669.447 $\pm$ 697.785 χ^2/NDF :27.9/27

Out: 1672.857 $\pm$ 691.081 χ^2/NDF :43.9/31

All: 1671.168 $\pm$ 491.021 χ^2/NDF : 71.8/59

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2654.618+/-0.601 χ^2/NDF : 95618.1/12

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

Left In: 2623.786+/-0.619 χ^2/NDF : 51996.1/10

Left: 2639.671+/-0.431 χ^2/NDF : 148891.7/23

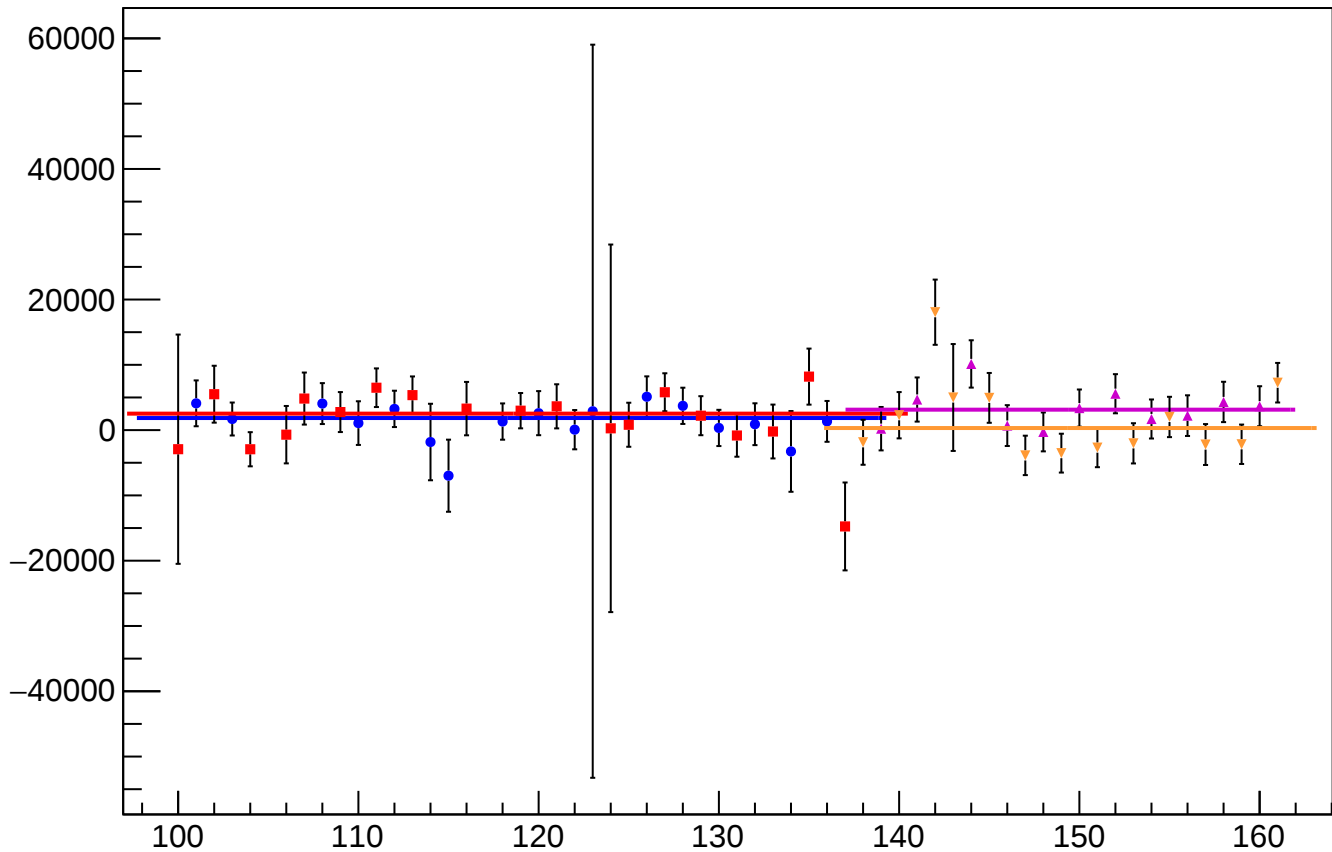
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2729.655+/-0.493 χ^2/NDF : 771092.0/27

Out: 2786.398+/-0.489 χ^2/NDF : 1243364.0/31

All: 2758.301+/-0.347 χ^2/NDF : 2021132.6/59

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 317.629+/-931.611 χ^2/NDF :27.2/12

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

Left In: 3131.312+/-940.899 χ^2/NDF :7.8/10

Left: 1710.515+/-662.008 χ^2/NDF : 39.5/23

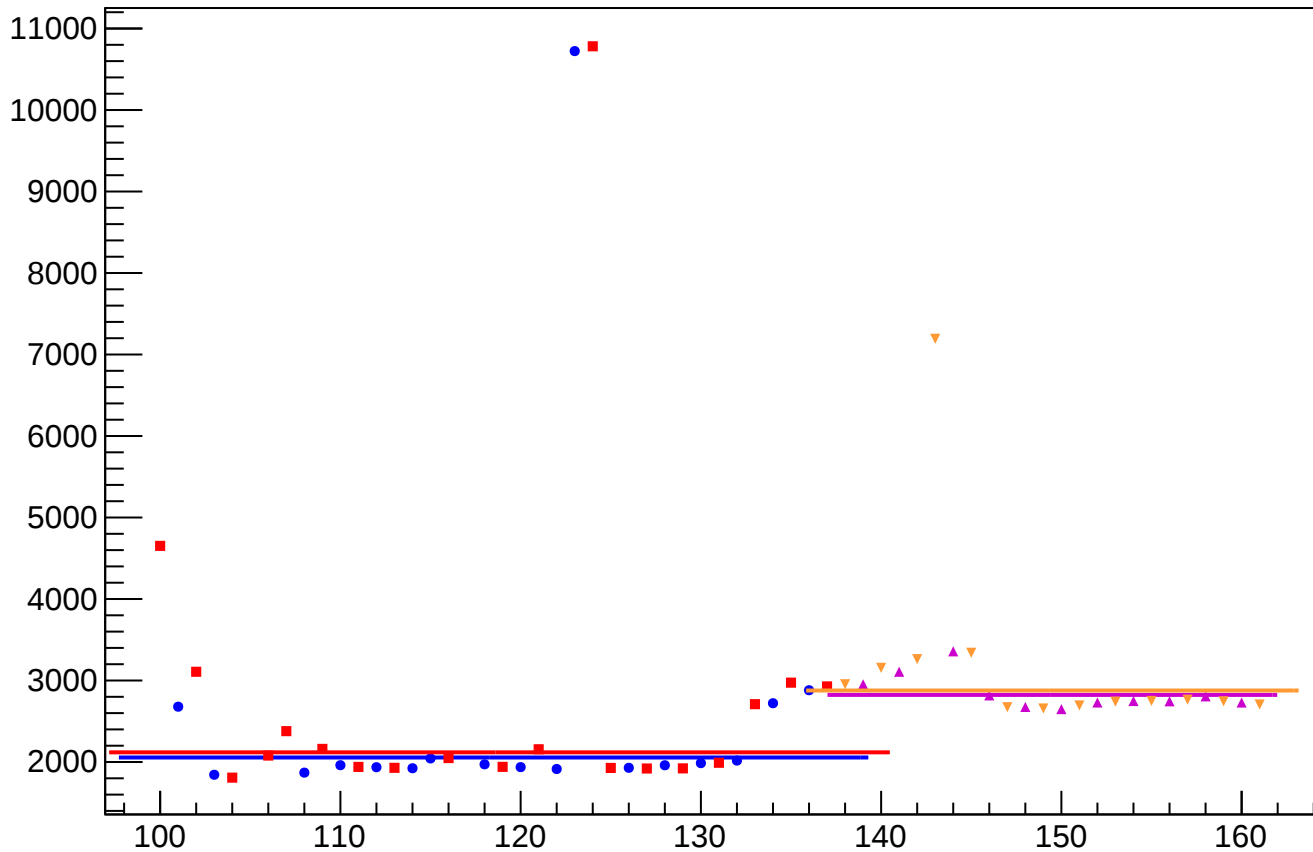
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2392.940+/-612.449 χ^2/NDF :16.1/27

Out: 1562.519+/-614.861 χ^2/NDF :50.5/31

All: 1979.361+/-433.917 χ^2/NDF : 67.5/59

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2877.308 ± 0.659 χ^2/NDF : 658161.2/12

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

Left In: 2823.355 ± 0.665 χ^2/NDF : 79481.5/10

Left: 2850.599 ± 0.468 χ^2/NDF : 740963.4/23

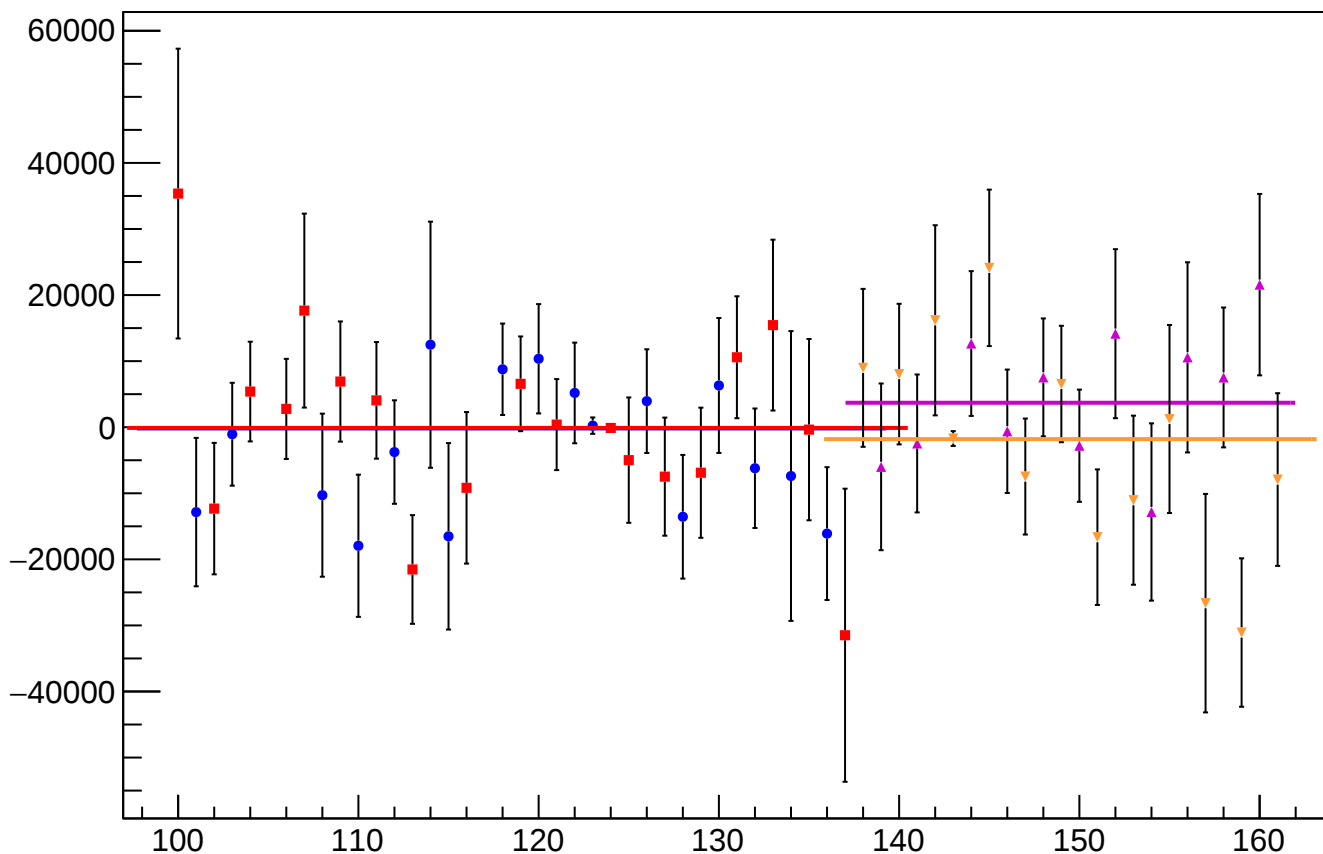
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2380.806 ± 0.433 χ^2/NDF : 1163605.9/27

Out: 2448.646 ± 0.434 χ^2/NDF : 1981147.9/31

All: 2414.622 ± 0.307 χ^2/NDF : 3156985.7/59

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2 /NDF: 16.4/16

Left Out: -1804.766 $\pm$ 1062.624 χ^2 /NDF: 21.3/12

Right Out: -106.733 $\pm$ 690.637 χ^2 /NDF: 21.6/18

Left In: 3701.548 $\pm$ 3289.506 χ^2 /NDF: 6.8/10

Left: -1284.469 $\pm$ 1011.174 χ^2 /NDF: 30.6/23

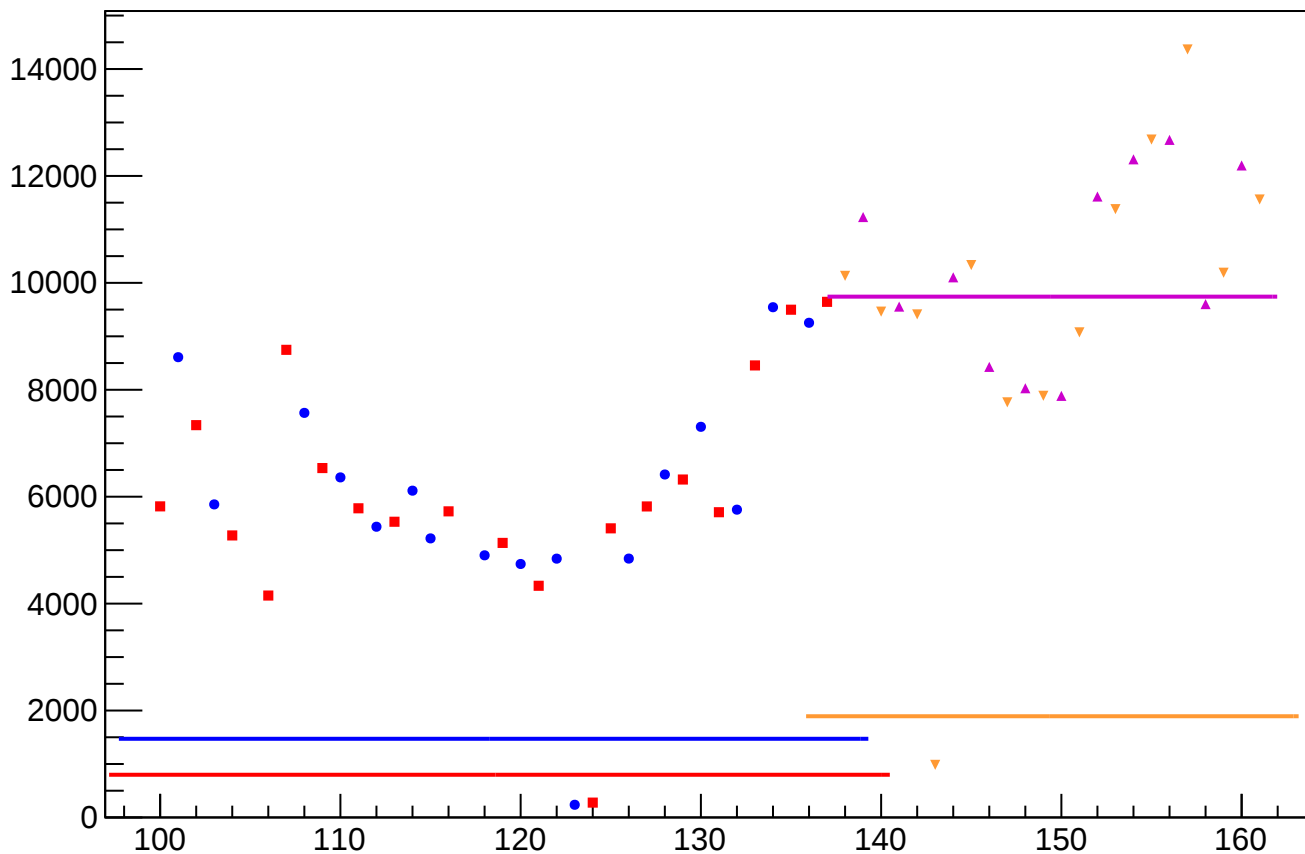
Right: -128.909 $\pm$ 585.025 χ^2 /NDF: 38.0/35

In: 206.166 $\pm$ 1043.883 χ^2 /NDF: 24.5/27

Out: -610.999 $\pm$ 579.077 χ^2 /NDF: 44.6/31

All: -418.707 $\pm$ 506.381 χ^2 /NDF: 69.6/59

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left: 2634.807 $\pm$ 0.715

χ^2 /NDF: 24022599.1/23

Left Out: 1893.151 $\pm$ 0.751

χ^2 /NDF: 13208930.0/12

Right: 988.724 $\pm$ 0.414

χ^2 /NDF: 21852108.4/35

Right Out: 798.642 $\pm$ 0.488

χ^2 /NDF: 11527481.4/18

In: 2304.473 $\pm$ 0.738

χ^2 /NDF: 21660630.2/27

Out: 1123.679 $\pm$ 0.409

χ^2 /NDF: 26228115.2/31

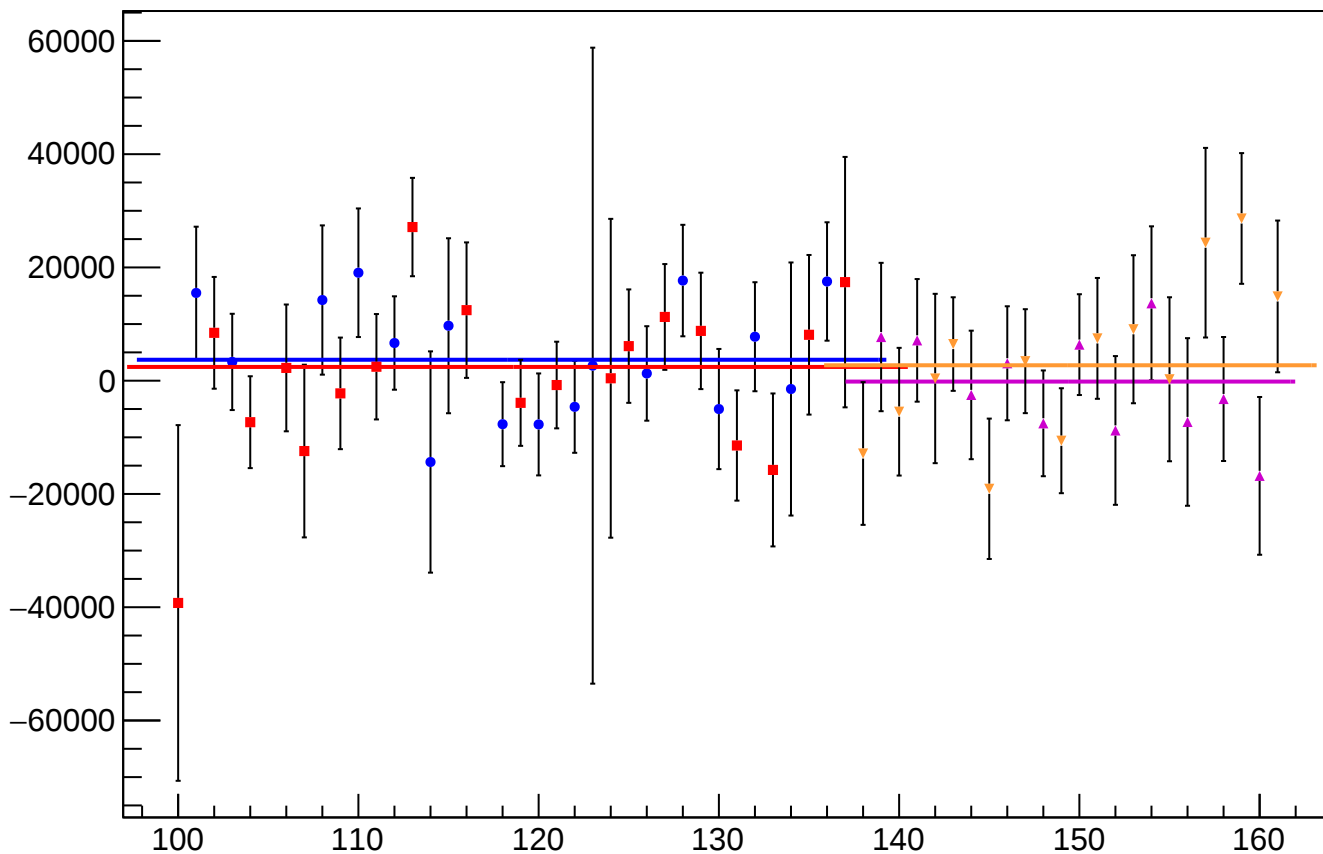
Left In: 9742.111 $\pm$ 2.326

χ^2 /NDF: 503026.8/10

All: 1401.539 $\pm$ 0.358

χ^2 /NDF: 49845591.5/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2723.934+/-3172.354 χ^2/NDF : 15.5/12

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

Left In: -155.830+/-3422.850 χ^2/NDF : 5.3/10

Left: 1393.273+/-2326.715 χ^2/NDF : 21.2/23

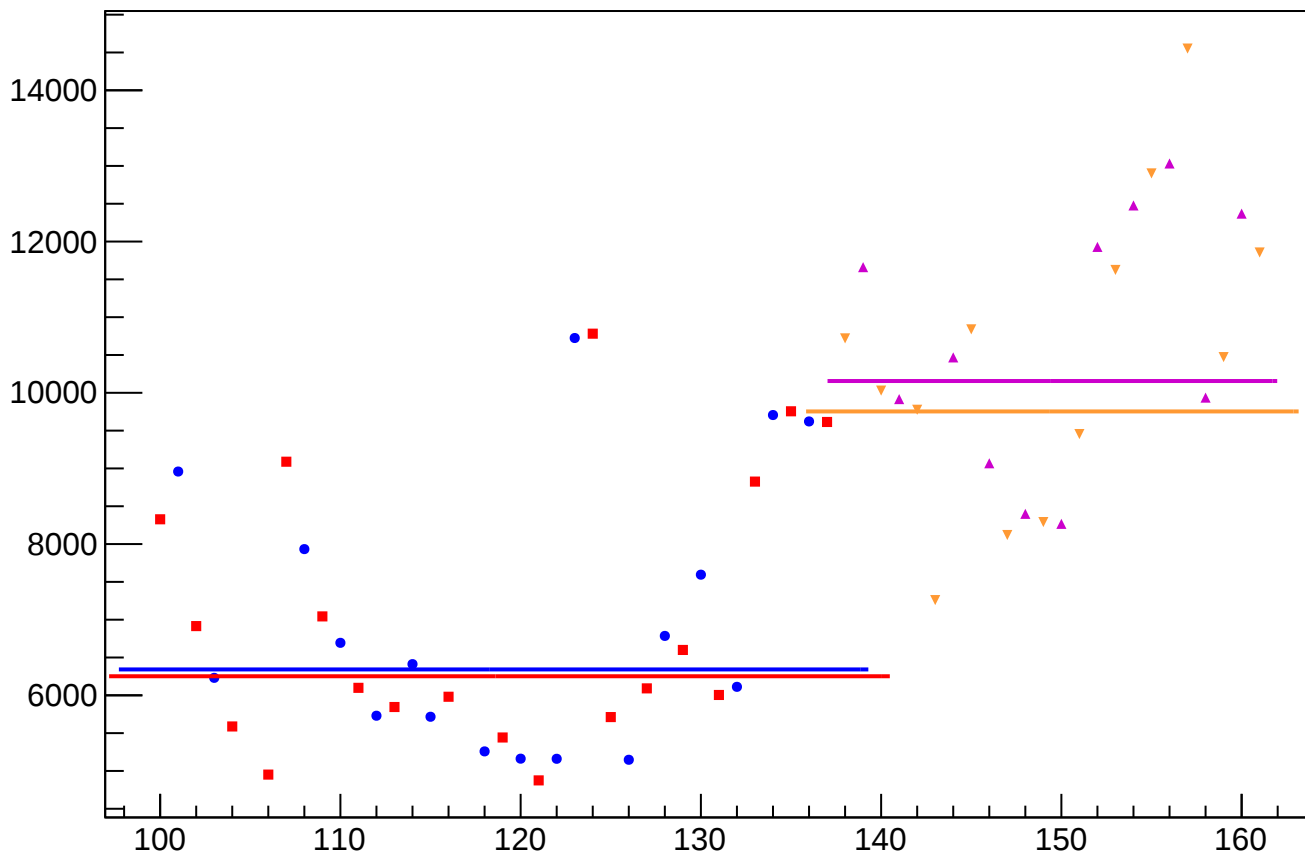
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2345.074+/-2028.264 χ^2/NDF : 20.5/27

Out: 2538.351+/-1924.789 χ^2/NDF : 35.8/31

All: 2446.769+/-1396.179 χ^2/NDF : 56.3/59

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9753.705+/-2.243 χ^2/NDF : 682145.7/12

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

Left In: 10155.900+/-2.420 χ^2/NDF : 434642.3/10

Left: 9939.549+/-1.645 χ^2/NDF : 1131642.3/23

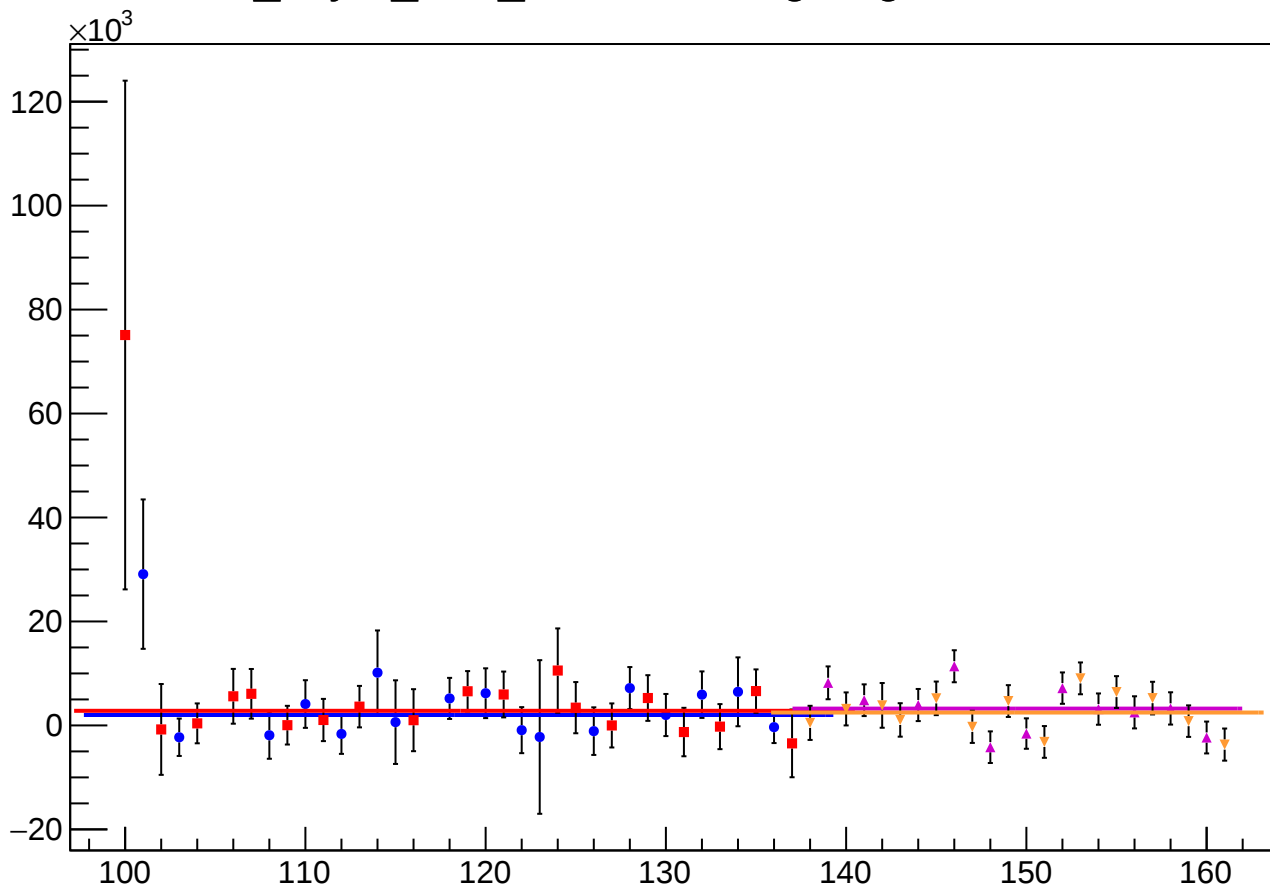
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7681.394+/-1.434 χ^2/NDF : 2639234.5/27

Out: 7541.099+/-1.361 χ^2/NDF : 2759866.8/31

All: 7607.575+/-0.987 χ^2/NDF : 5404136.3/59

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2479.827 $\pm$ 882.042 χ^2 /NDF:17.5/12

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 3233.028 $\pm$ 921.624 χ^2 /NDF:23.5/10

Left: 2839.906 $\pm$ 637.232 χ^2 /NDF: 41.3/23

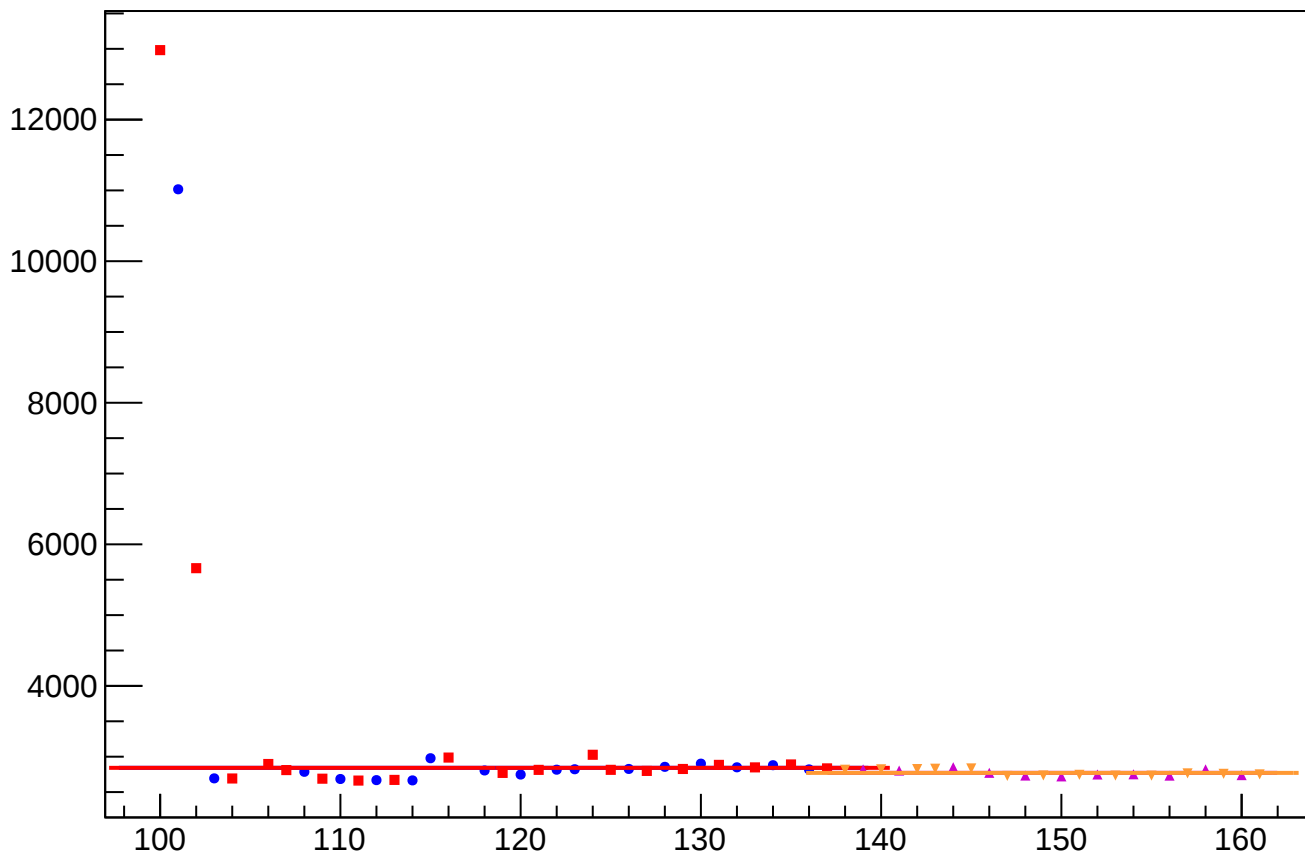
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2739.913 $\pm$ 713.044 χ^2 /NDF:37.9/27

Out: 2611.656 $\pm$ 684.804 χ^2 /NDF:28.1/31

All: 2673.195 $\pm$ 493.911 χ^2 /NDF: 66.0/59

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.116+/-0.624 χ^2/NDF : 4210.5/12

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2771.488+/-0.652 χ^2/NDF : 4166.0/10

Left: 2771.294+/-0.451 χ^2/NDF : 8376.6/23

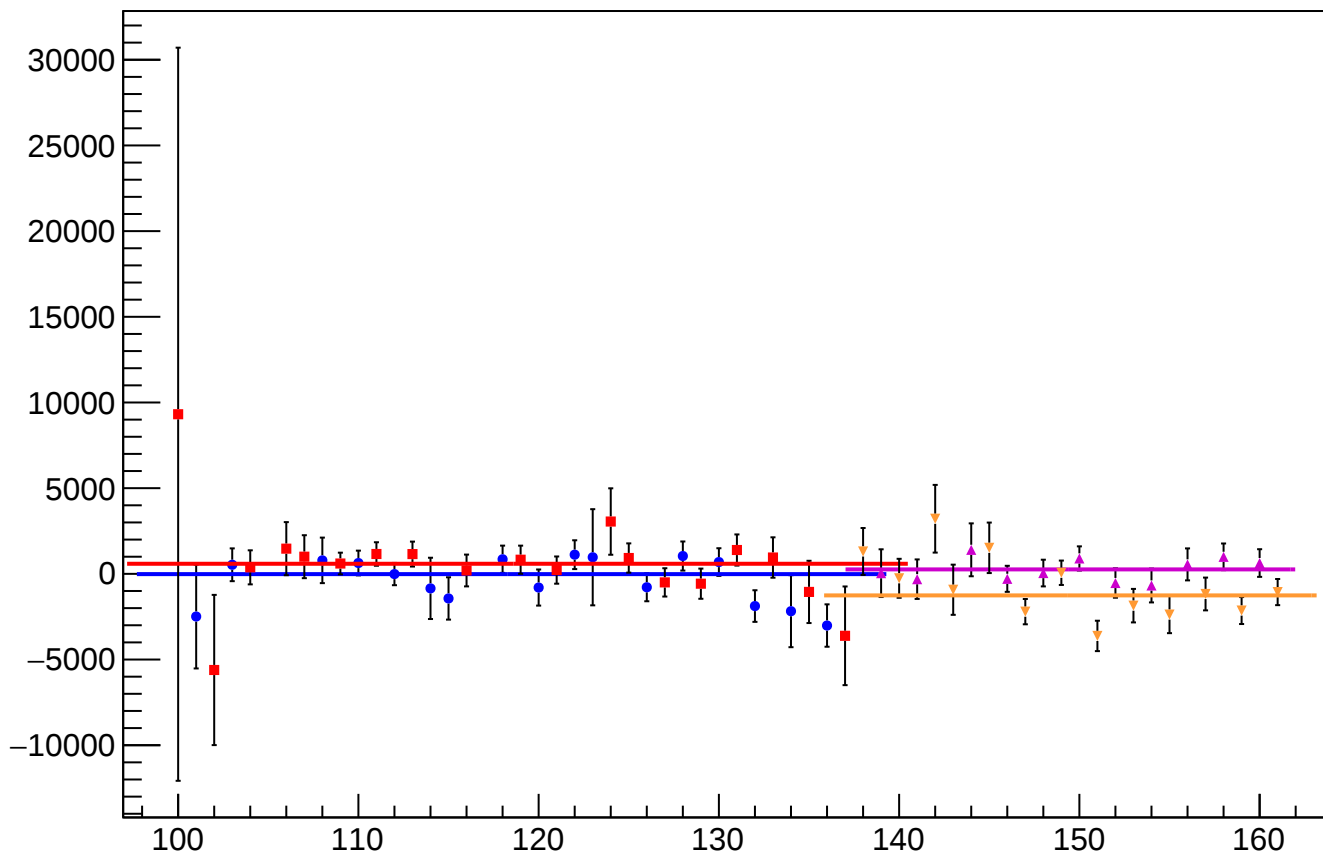
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2800.045+/-0.504 χ^2/NDF : 669254.5/27

Out: 2799.448+/-0.484 χ^2/NDF : 321740.9/31

All: 2799.734+/-0.349 χ^2/NDF : 990996.2/59

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1257.209 ± 268.243 χ^2/NDF : 28.0/12

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 259.735 ± 269.236 χ^2/NDF : 5.2/10

Left: -501.539 ± 190.027 χ^2/NDF : 49.1/23

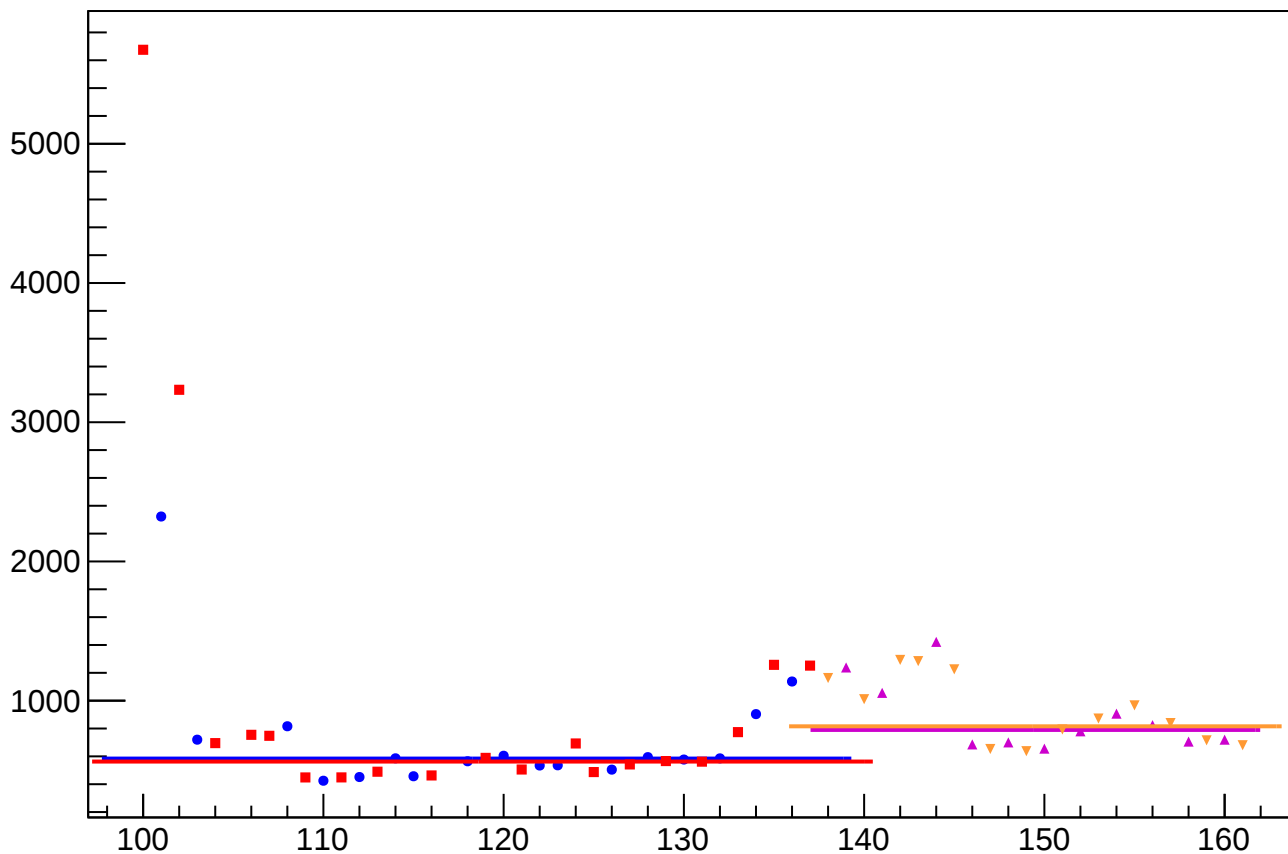
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 105.650 ± 178.679 χ^2/NDF : 27.4/27

Out: -176.898 ± 172.745 χ^2/NDF : 69.2/31

All: -40.394 ± 124.194 χ^2/NDF : 97.9/59

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 815.809+/-0.190 χ^2/NDF : 1030049.4/12

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 789.876+/-0.190 χ^2/NDF : 855894.9/10

Left: 802.890+/-0.134 χ^2/NDF : 1895256.2/23

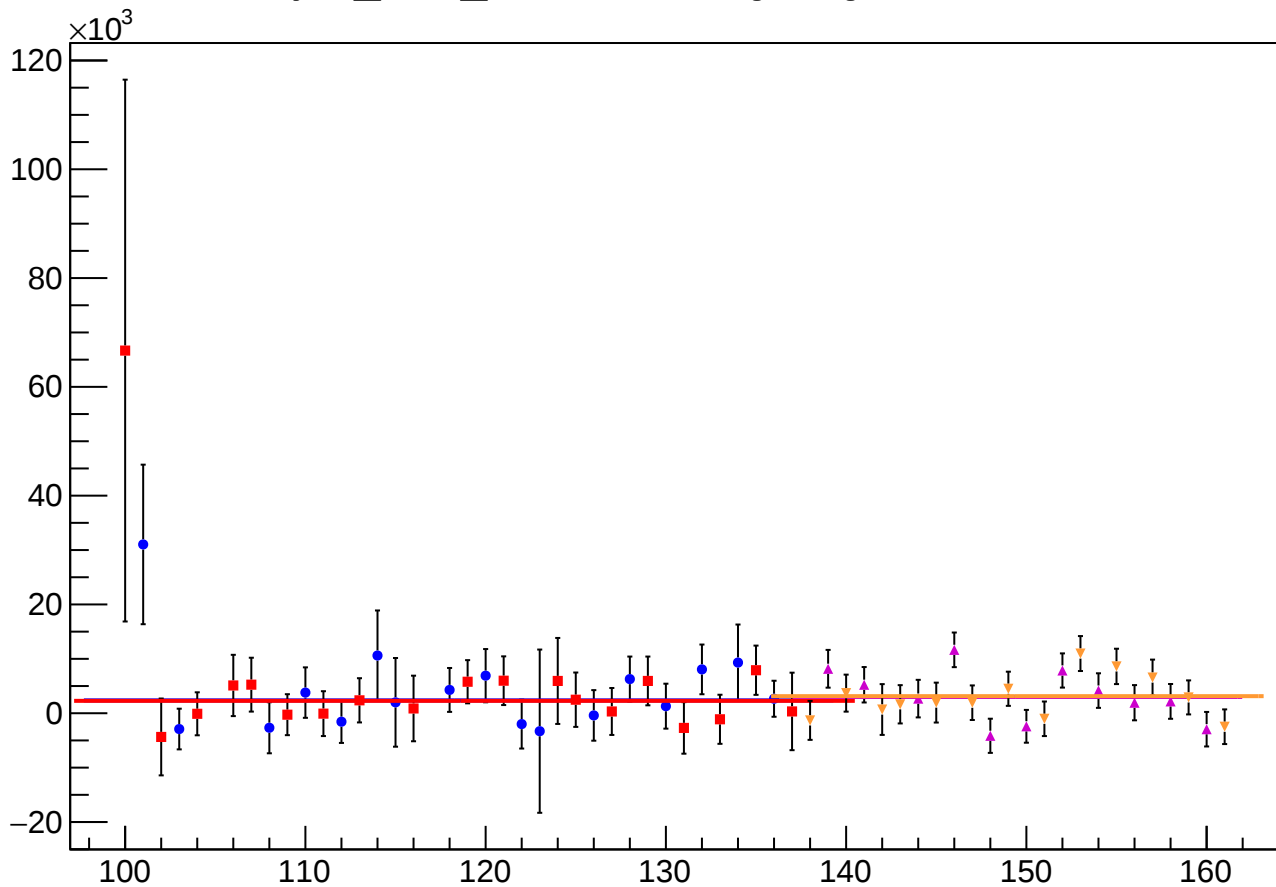
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 674.706+/-0.126 χ^2/NDF : 2946534.8/27

Out: 667.663+/-0.122 χ^2/NDF : 3711888.4/31

All: 671.066+/-0.088 χ^2/NDF : 6660029.0/59

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3138.110+/-932.884 χ^2/NDF : 17.2/12

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 2985.990+/-969.553 χ^2/NDF : 24.7/10

Left: 3064.981+/-672.238 χ^2/NDF : 41.8/23

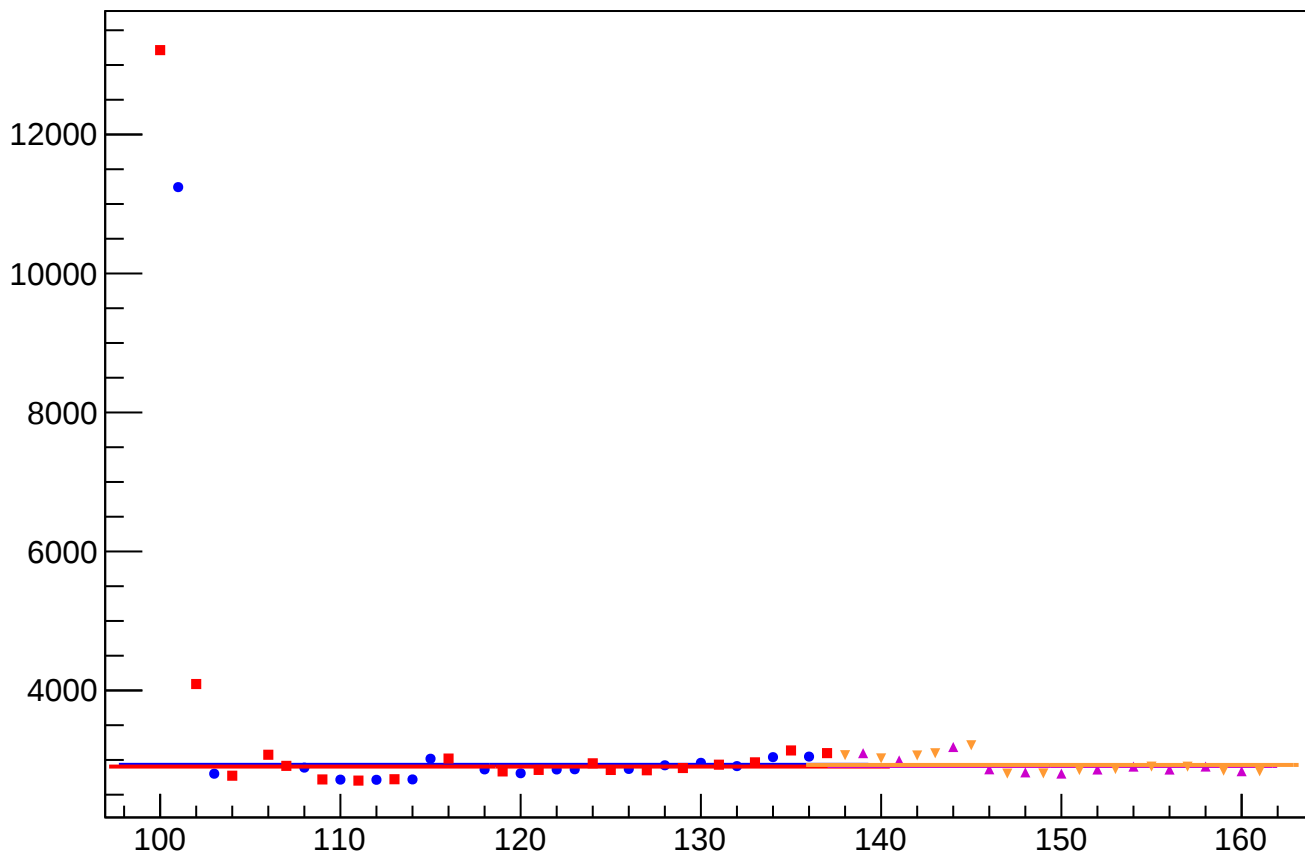
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 2729.669+/-743.905 χ^2/NDF : 39.9/27

Out: 2782.488+/-714.601 χ^2/NDF : 27.7/31

All: 2757.140+/-515.348 χ^2/NDF : 67.6/59

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2928.155+/-0.660 χ^2/NDF : 33917.3/12

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2913.740+/-0.686 χ^2/NDF : 26312.6/10

Left: 2921.226+/-0.475 χ^2/NDF : 60459.4/23

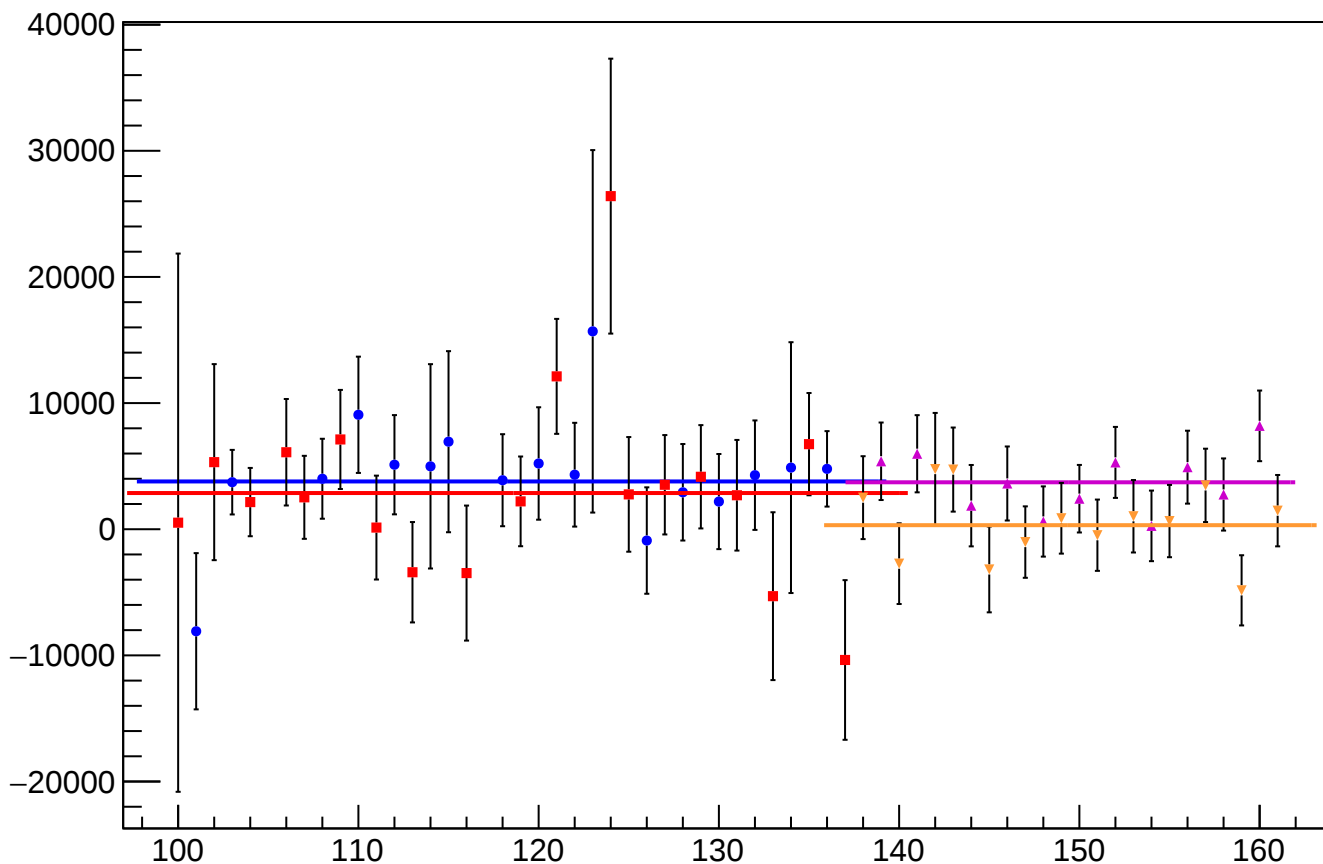
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2920.285+/-0.526 χ^2/NDF : 689163.2/27

Out: 2918.409+/-0.505 χ^2/NDF : 203734.2/31

All: 2919.310+/-0.364 χ^2/NDF : 892904.1/59

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 320.881+/-842.231 χ^2/NDF : 10.4/12

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3720.944+/-871.354 χ^2/NDF : 7.3/10

Left: 1963.143+/-605.581 χ^2/NDF : 25.6/23

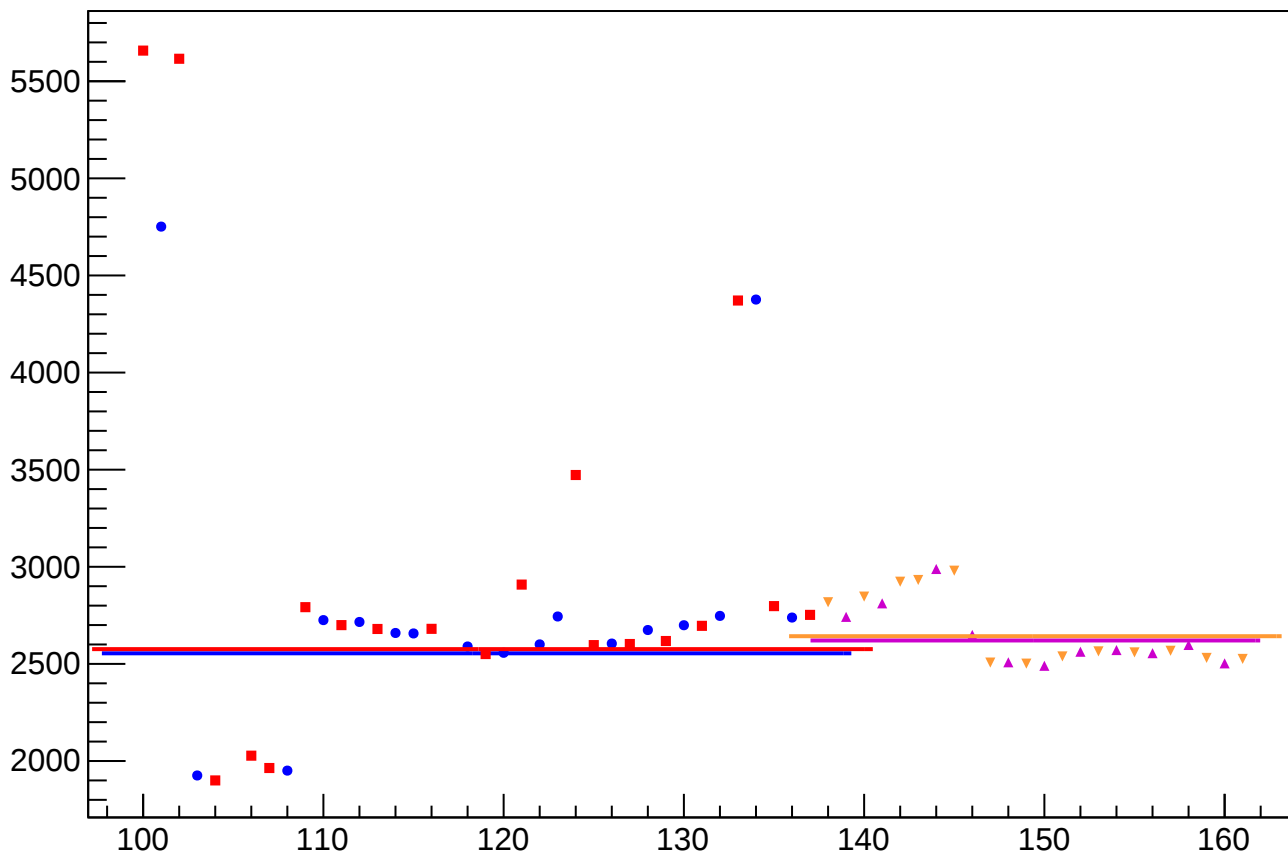
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3749.550+/-659.233 χ^2/NDF : 15.1/27

Out: 1374.844+/-644.983 χ^2/NDF : 36.2/31

All: 2536.255+/-461.027 χ^2/NDF : 57.9/59

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 +/- 0.713 χ^2/NDF : 536626.0/16

Left Out: 2642.591 +/- 0.596 χ^2/NDF : 80009.6/12

Right Out: 2576.077 +/- 0.709 χ^2/NDF : 765156.6/18

Left In: 2620.653 +/- 0.616 χ^2/NDF : 51330.9/10

Left: 2631.995 +/- 0.428 χ^2/NDF : 131995.9/23

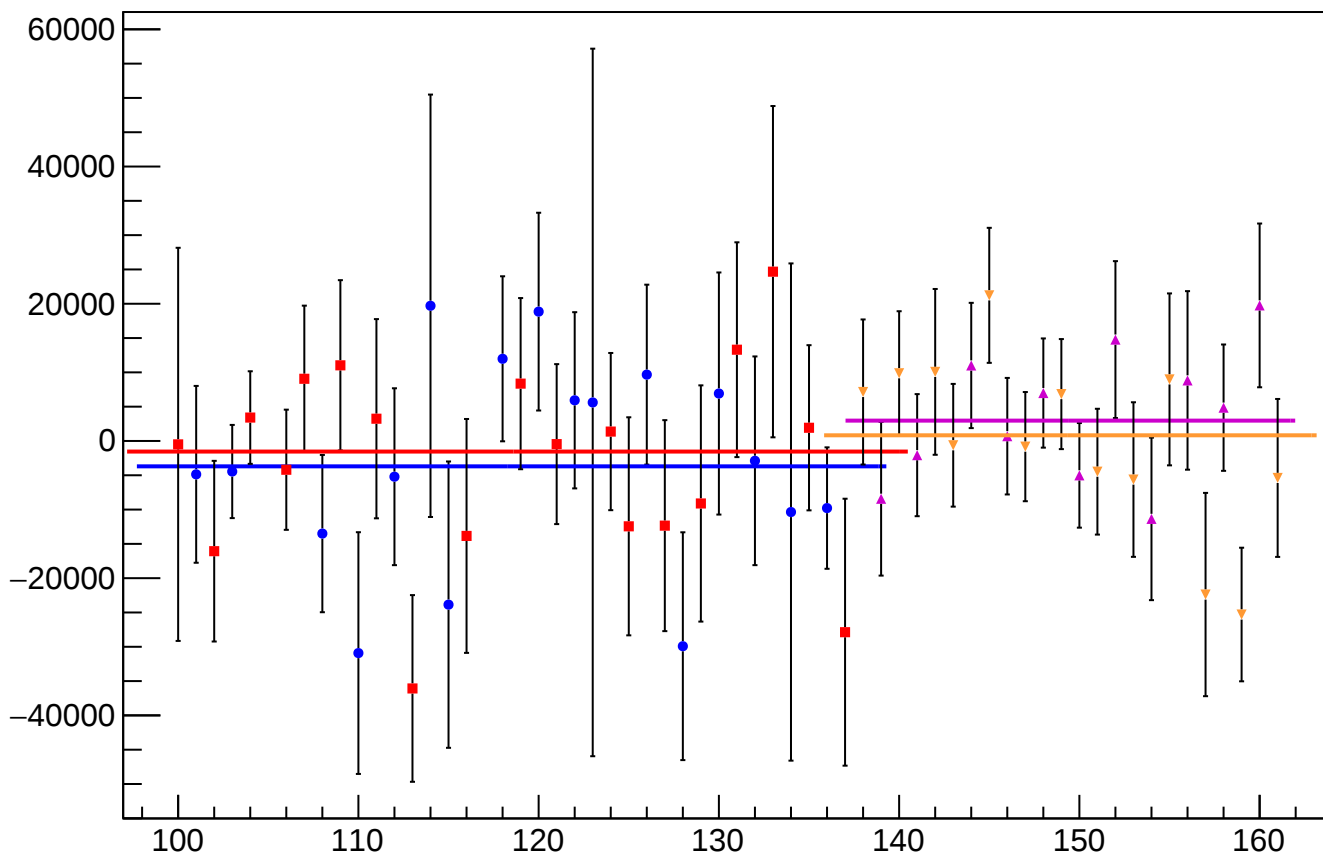
Right: 2565.366 +/- 0.503 χ^2/NDF : 1302241.7/35

In: 2592.381 +/- 0.466 χ^2/NDF : 592880.8/27

Out: 2615.072 +/- 0.456 χ^2/NDF : 850327.2/31

All: 2603.976 +/- 0.326 χ^2/NDF : 1444418.8/59

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 825.792 $\pm$ 2763.103 χ^2/NDF : 17.9/12

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 2964.931 $\pm$ 2899.464 χ^2/NDF : 8.3/10

Left: 1843.879 $\pm$ 2000.279 χ^2/NDF : 26.5/23

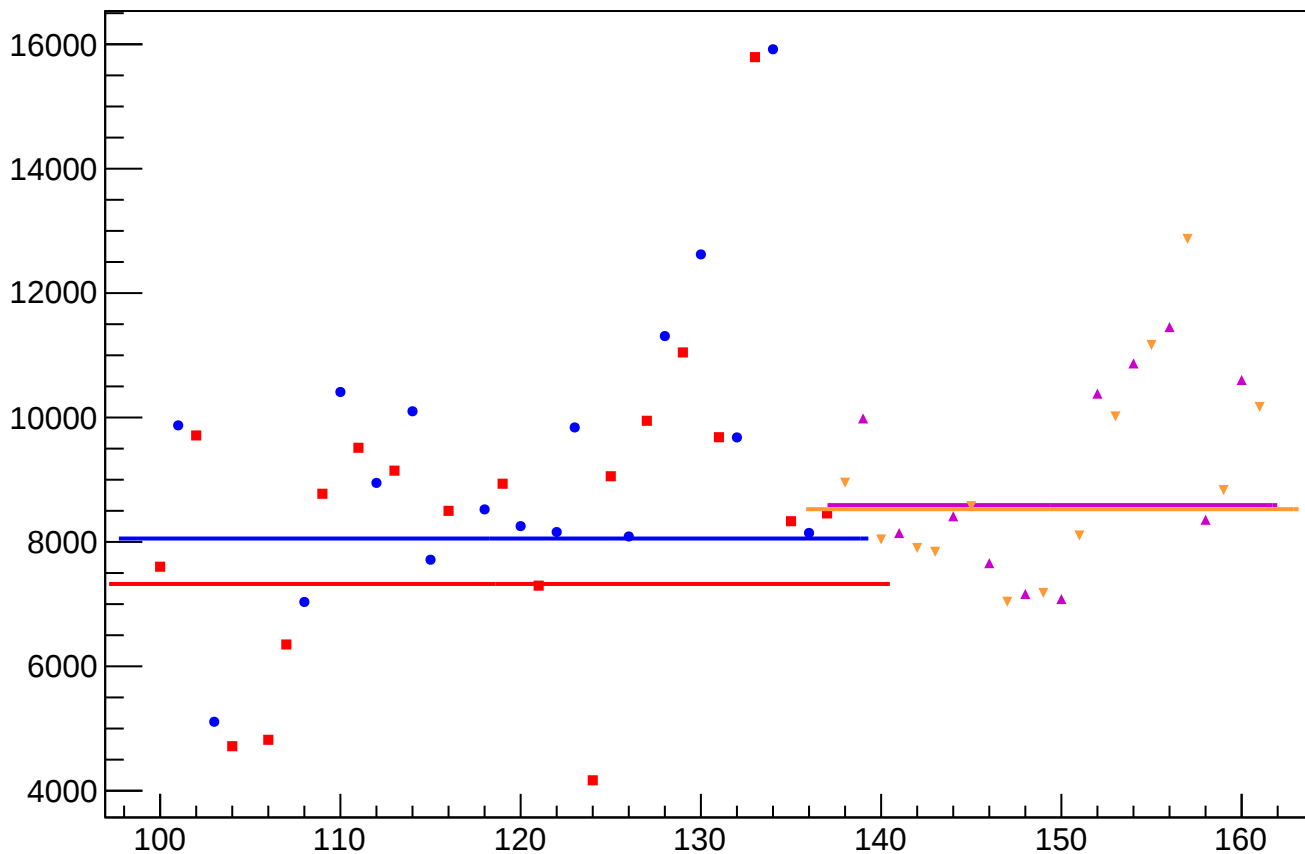
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -21.377 $\pm$ 2154.021 χ^2/NDF : 24.5/27

Out: -303.546 $\pm$ 1999.419 χ^2/NDF : 35.0/31

All: -172.950 $\pm$ 1465.414 χ^2/NDF : 59.5/59

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8526.513 $\pm$ 1.954 χ^2 /NDF: 495127.8/12

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8591.903 $\pm$ 2.050 χ^2 /NDF: 481852.2/10

Left: 8557.634 $\pm$ 1.414 χ^2 /NDF: 977513.1/23

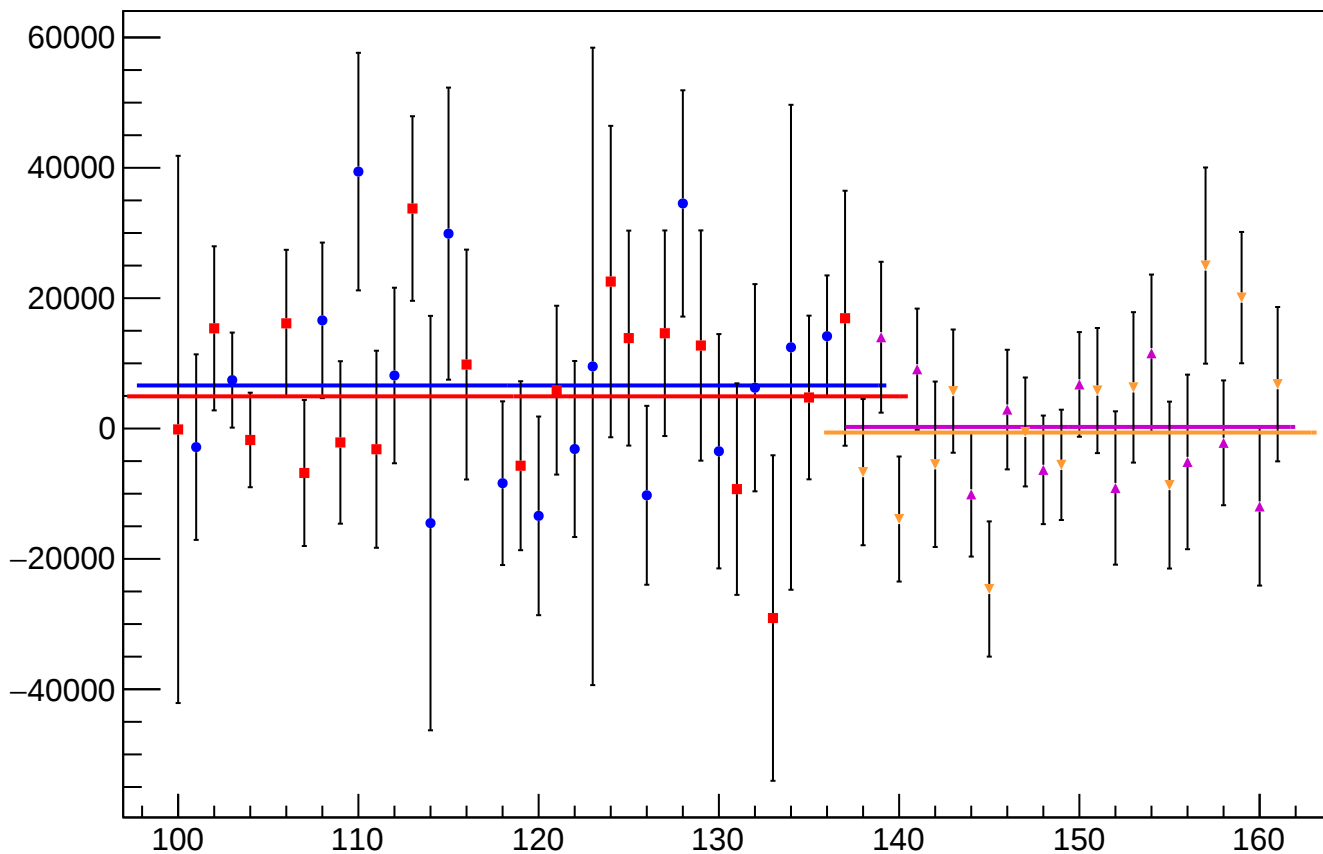
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8351.217 $\pm$ 1.523 χ^2 /NDF: 1333371.1/27

Out: 7953.795 $\pm$ 1.414 χ^2 /NDF: 2011642.2/31

All: 8137.733 $\pm$ 1.036 χ^2 /NDF: 3381585.3/59

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2 /NDF: 14.7/16

Left Out: -615.139 $\pm$ 2890.931 χ^2 /NDF:17.2/12

Right Out: 4938.727 $\pm$ 3167.808 χ^2 /NDF: 13.6/18

Left In: 245.391 $\pm$ 3027.265 χ^2 /NDF:7.6/10

Left: -204.687 $\pm$ 2090.733 χ^2 /NDF: 24.9/23

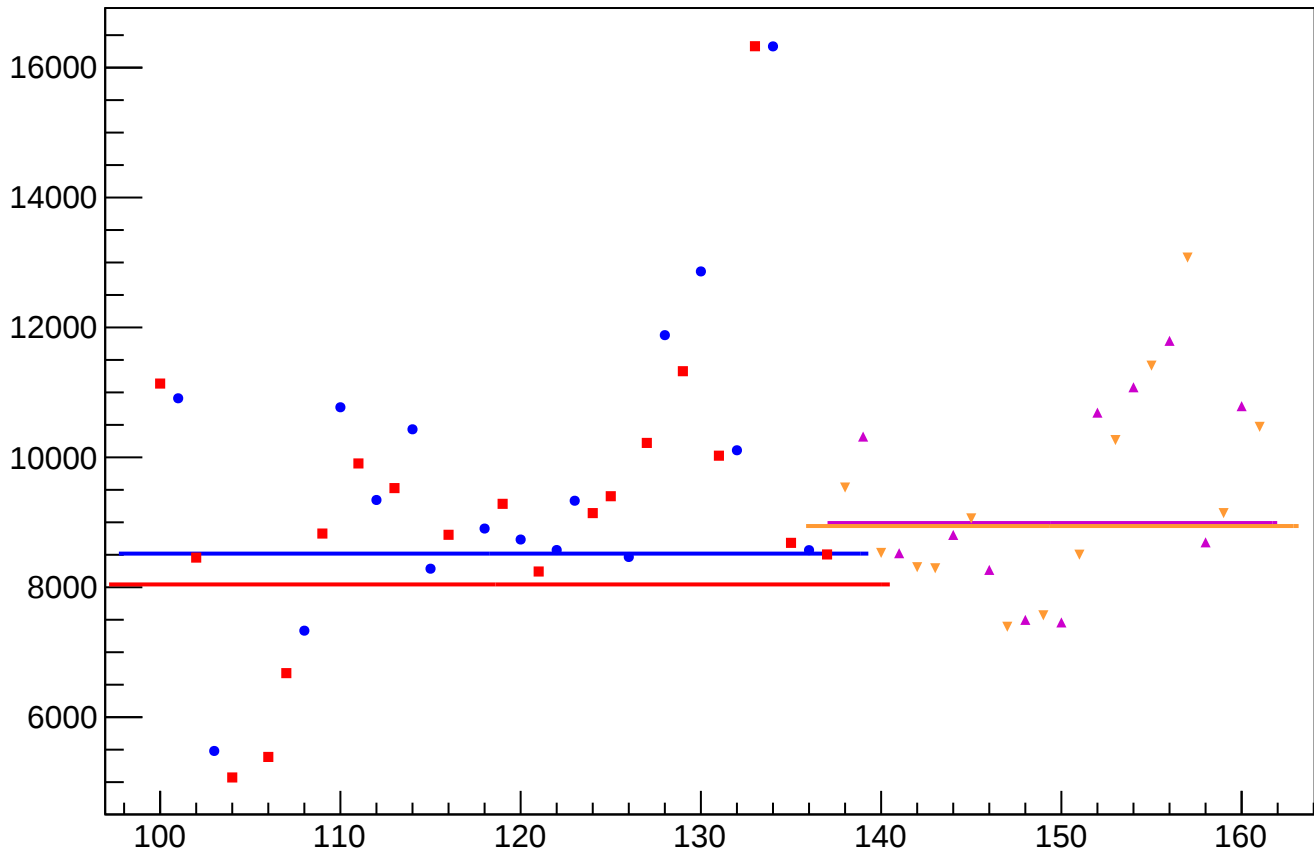
Right: 5715.122 $\pm$ 2316.410 χ^2 /NDF: 28.4/35

In: 3062.469 $\pm$ 2259.724 χ^2 /NDF:24.3/27

Out: 1908.518 $\pm$ 2135.385 χ^2 /NDF:32.5/31

All: 2452.874 $\pm$ 1552.041 χ^2 /NDF: 56.9/59

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8942.852+/-2.044 χ^2/NDF : 435433.6/12

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8988.948+/-2.141 χ^2/NDF : 416453.8/10

Left: 8964.839+/-1.478 χ^2/NDF : 852130.0/23

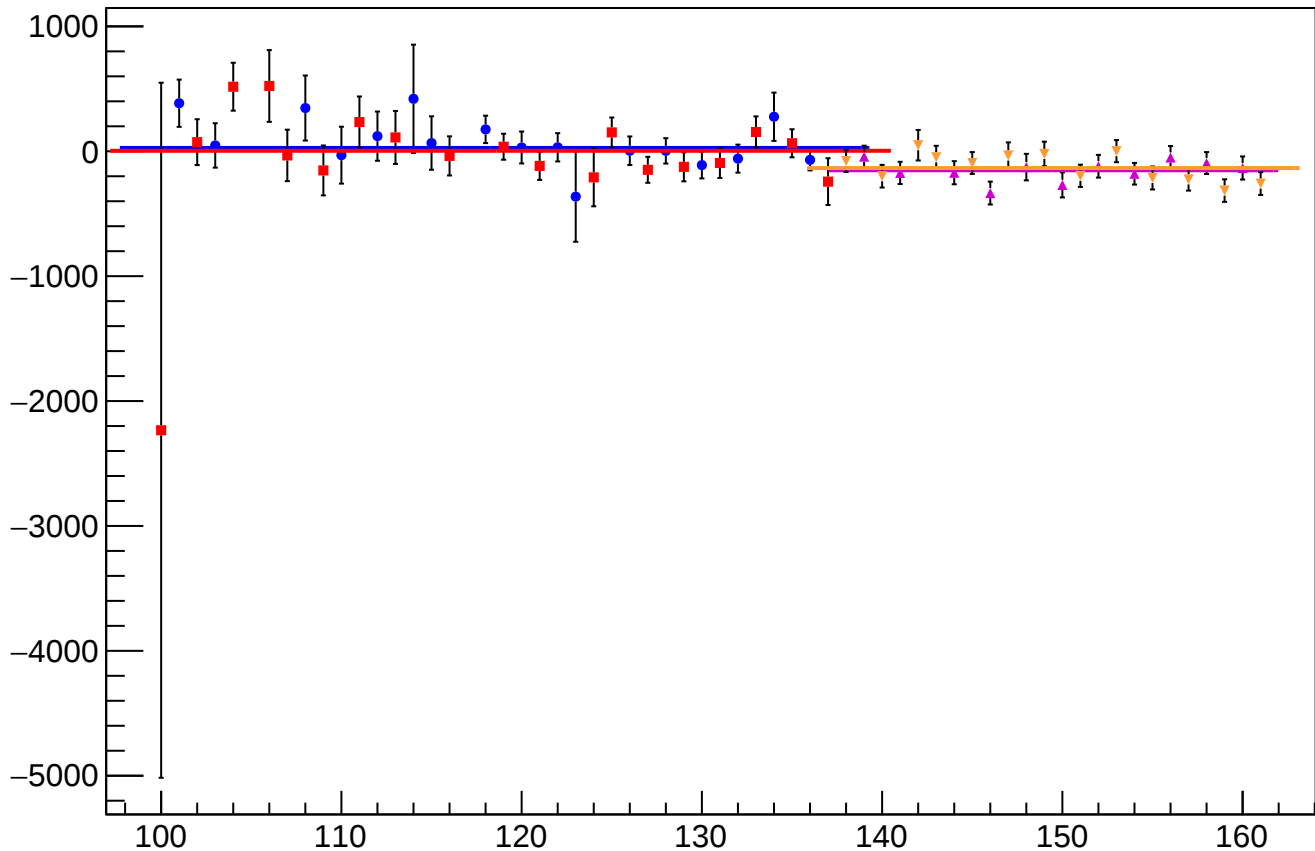
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8780.532+/-1.598 χ^2/NDF : 1209857.1/27

Out: 8534.289+/-1.510 χ^2/NDF : 1476913.0/31

All: 8650.448+/-1.097 χ^2/NDF : 2699316.2/59

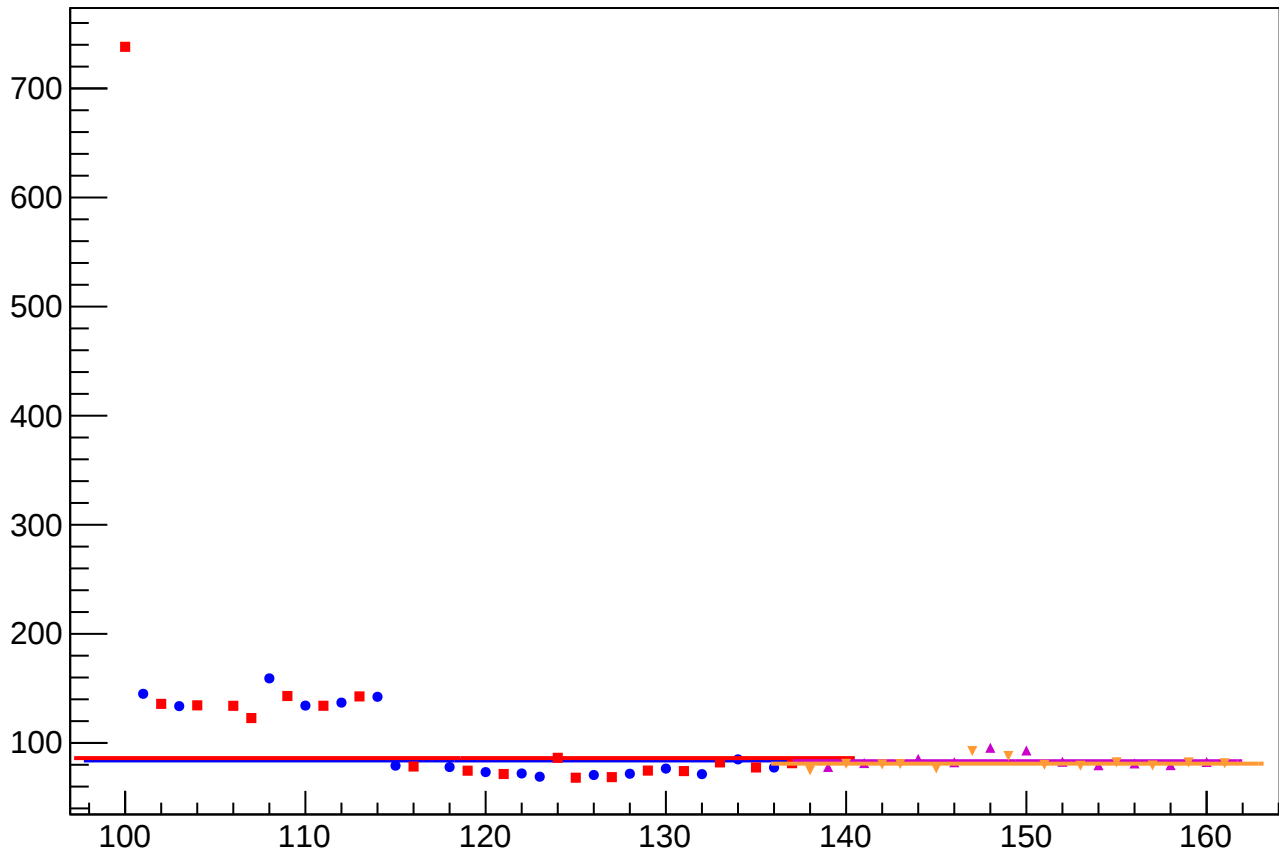
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
Left Out: -134.472 $\pm$ 25.803 χ^2/NDF :16.9/12
Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18
Left In: -151.976 $\pm$ 27.724 χ^2/NDF :9.0/10

Left: -142.596 $\pm$ 18.888 χ^2/NDF : 26.1/23
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35
In: -79.664 $\pm$ 21.391 χ^2/NDF :40.3/27
Out: -83.557 $\pm$ 20.519 χ^2/NDF :52.1/31
All: -81.692 $\pm$ 14.808 χ^2/NDF : 92.4/59

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.022 $\pm$ 0.018 χ^2 /NDF: 52210.5/12

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.254 $\pm$ 0.020 χ^2 /NDF: 63704.1/10

Left: 82.058 $\pm$ 0.013 χ^2 /NDF: 122860.3/23

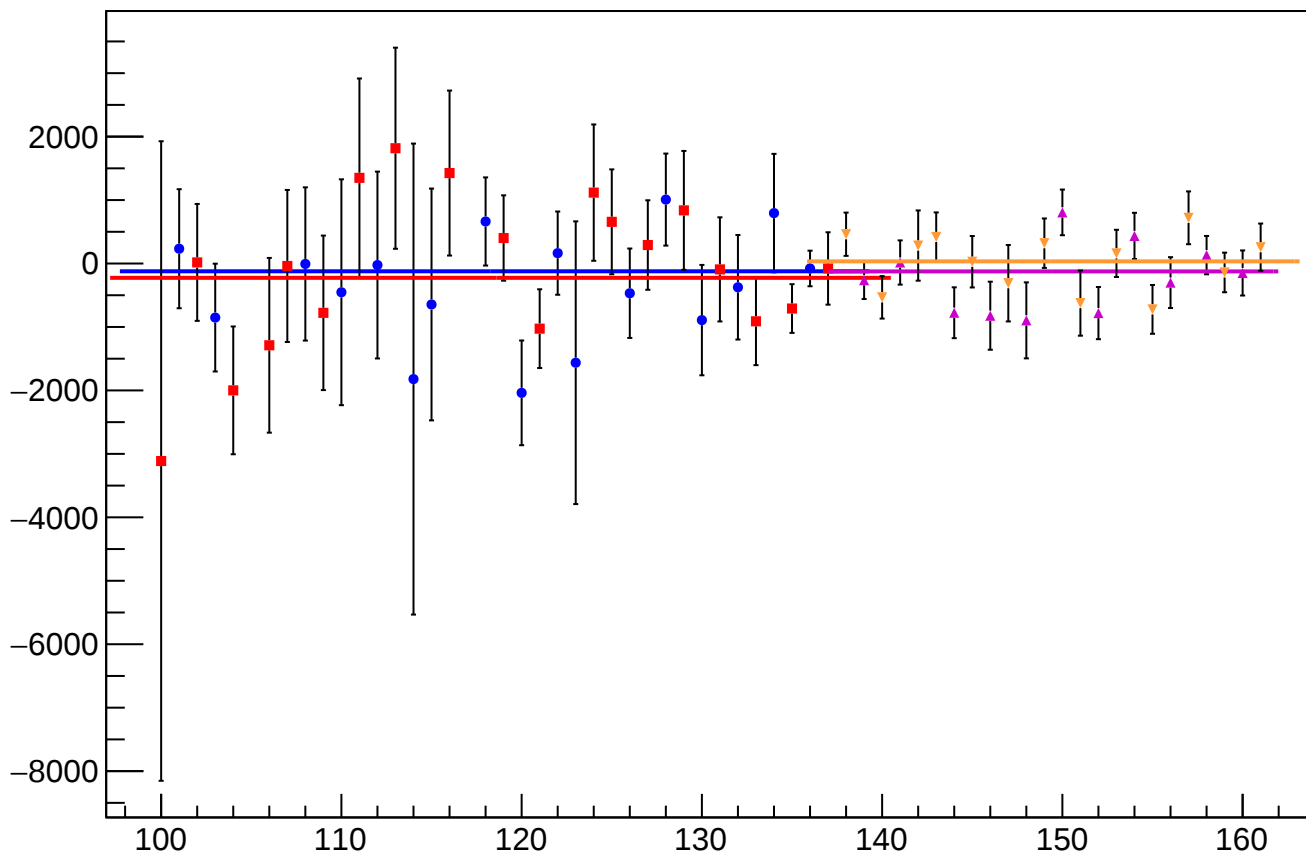
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.540 $\pm$ 0.015 χ^2 /NDF: 1024483.0/27

Out: 82.892 $\pm$ 0.015 χ^2 /NDF: 1217007.9/31

All: 83.203 $\pm$ 0.010 χ^2 /NDF: 2242446.0/59

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 33.842 ± 109.149 $\chi^2/\text{NDF}: 15.5/12$

Right Out: -225.420 ± 184.973 $\chi^2/\text{NDF}: 18.3/18$

Left In: -124.444 ± 113.002 $\chi^2/\text{NDF}: 18.9/10$

Left: -42.556 ± 78.507 $\chi^2/\text{NDF}: 35.4/23$

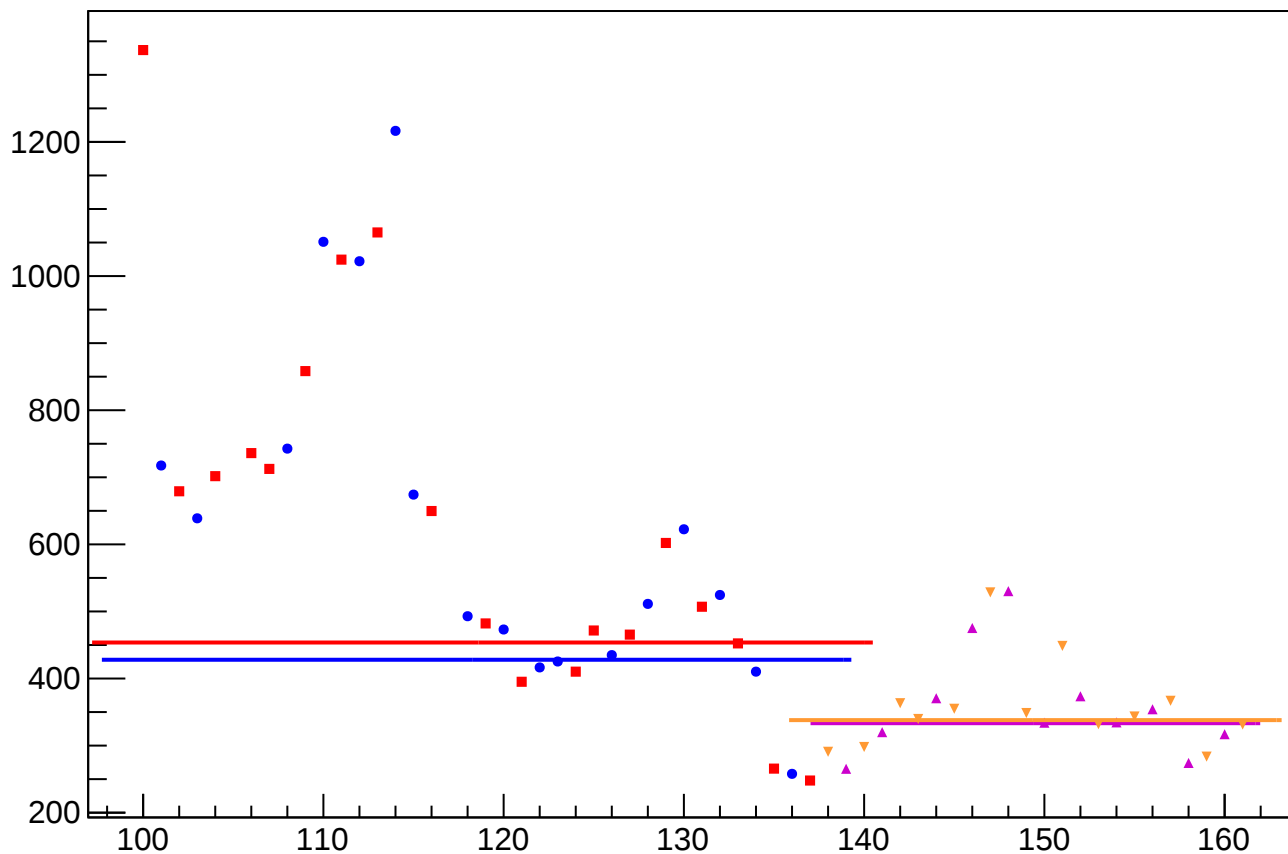
Right: -172.394 ± 128.849 $\chi^2/\text{NDF}: 31.5/35$

In: -123.867 ± 95.643 $\chi^2/\text{NDF}: 31.9/27$

Out: -33.117 ± 94.004 $\chi^2/\text{NDF}: 35.3/31$

All: -77.707 ± 67.043 $\chi^2/\text{NDF}: 67.7/59$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.984+/-0.077 χ^2/NDF : 440591.9/12

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 333.409+/-0.080 χ^2/NDF : 586430.2/10

Left: 335.776+/-0.056 χ^2/NDF : 1028717.7/23

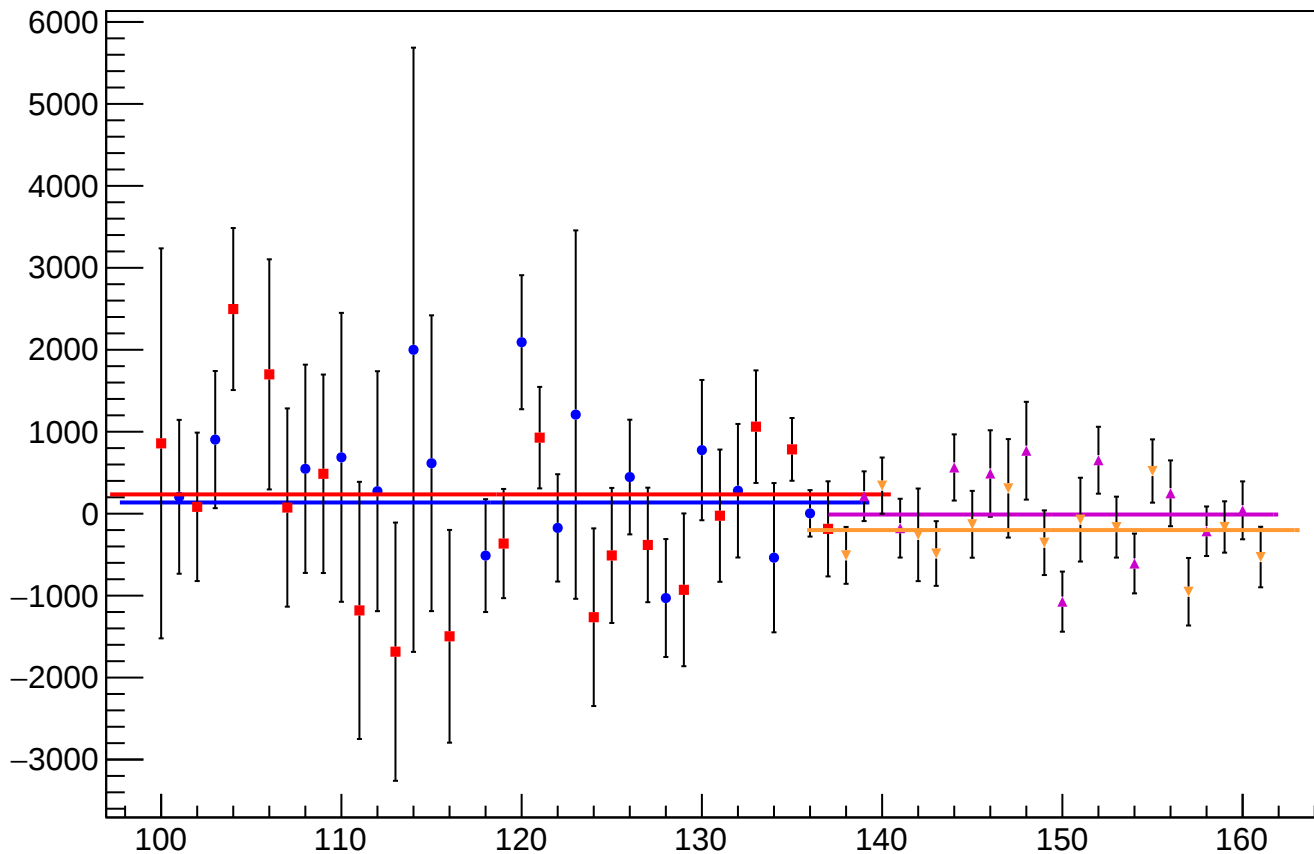
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 360.235+/-0.068 χ^2/NDF : 3046029.1/27

Out: 367.869+/-0.066 χ^2/NDF : 3155687.6/31

All: 364.118+/-0.047 χ^2/NDF : 6208199.0/59

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -200.220 $\pm$ 109.934 χ^2 /NDF:12.4/12

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -10.273 $\pm$ 113.754 χ^2 /NDF:20.0/10

Left: -108.489 $\pm$ 79.051 χ^2 /NDF: 33.9/23

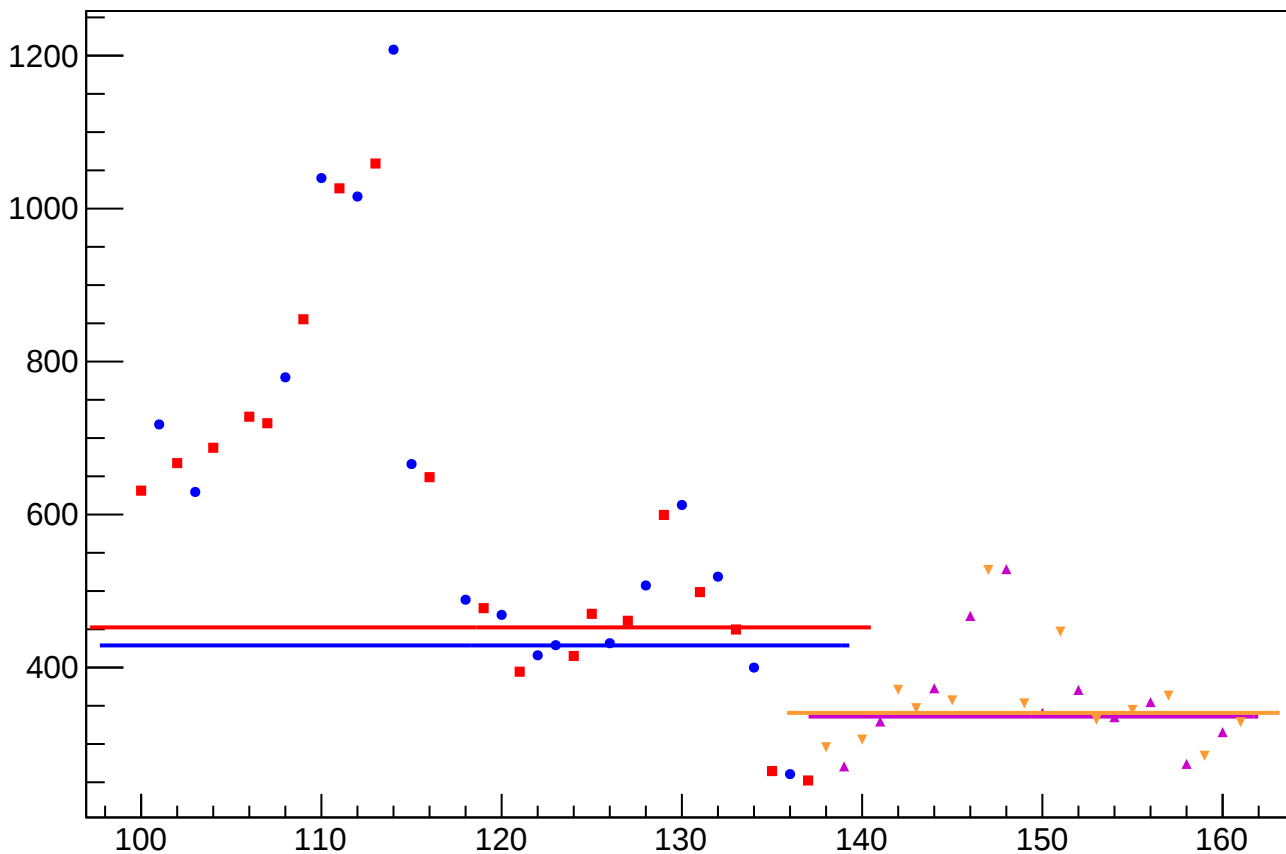
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 31.835 $\pm$ 96.101 χ^2 /NDF:33.1/27

Out: -85.665 $\pm$ 94.376 χ^2 /NDF:38.4/31

All: -27.979 $\pm$ 67.336 χ^2 /NDF: 72.2/59

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 340.696+/-0.078 χ^2/NDF : 419158.0/12

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 335.891+/-0.080 χ^2/NDF : 552420.6/10

Left: 338.376+/-0.056 χ^2/NDF : 973423.5/23

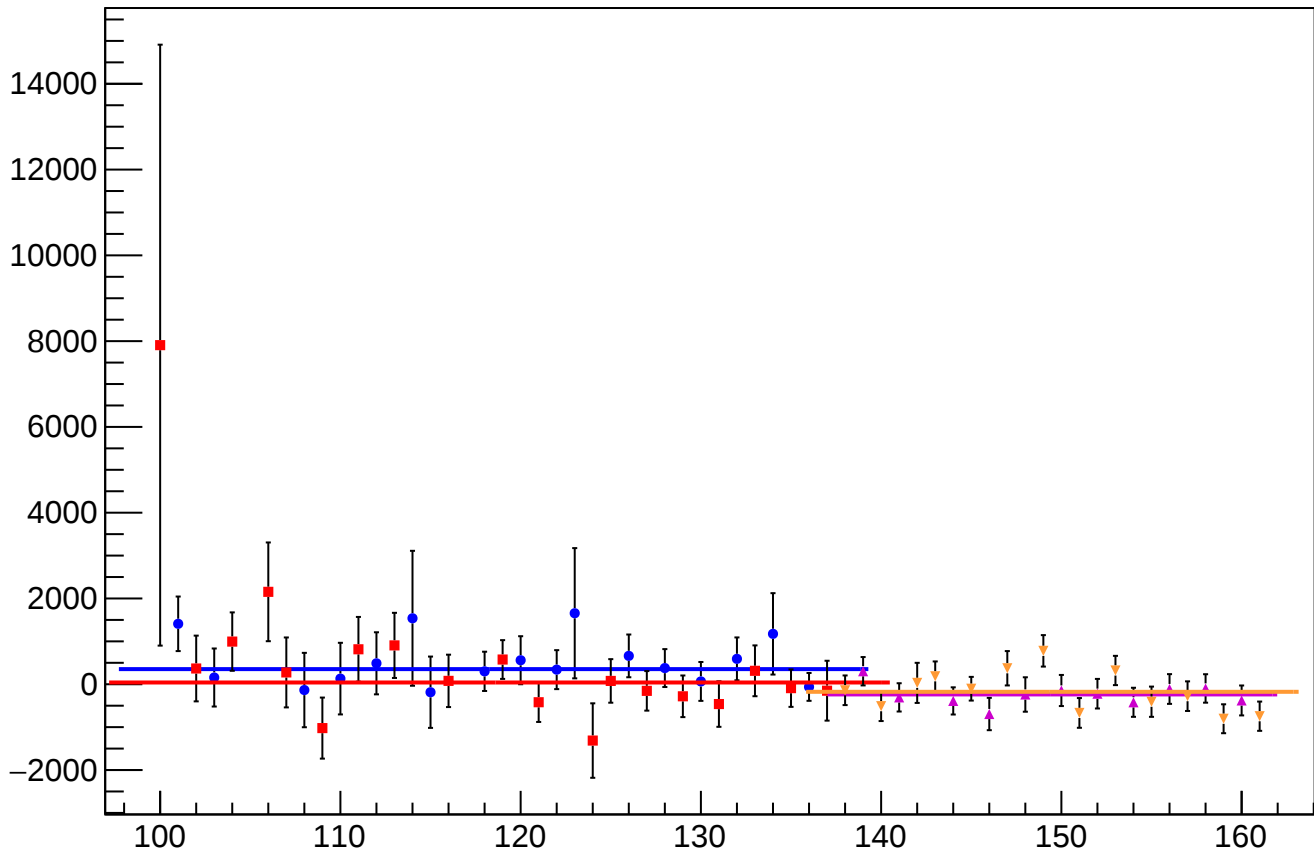
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 362.516+/-0.068 χ^2/NDF : 2945700.6/27

Out: 370.098+/-0.067 χ^2/NDF : 3005191.3/31

All: 366.375+/-0.048 χ^2/NDF : 5957229.8/59

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -176.156 ± 96.636 $\chi^2/\text{NDF}: 21.9/12$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -237.414 ± 104.341 $\chi^2/\text{NDF}: 5.2/10$

Left: -204.440 ± 70.900 $\chi^2/\text{NDF}: 27.3/23$

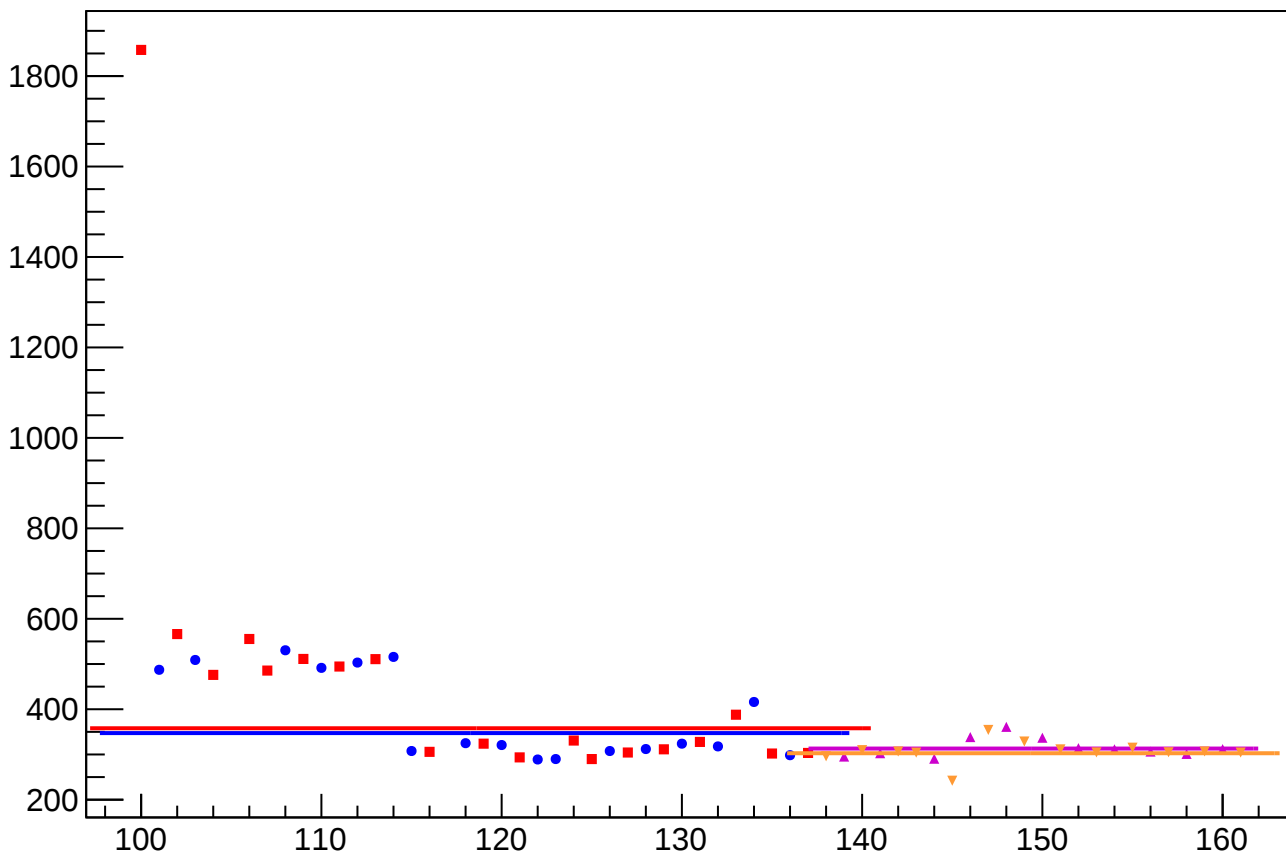
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -21.289 ± 83.074 $\chi^2/\text{NDF}: 25.5/27$

Out: -105.368 ± 79.344 $\chi^2/\text{NDF}: 41.7/31$

All: -65.258 ± 57.378 $\chi^2/\text{NDF}: 67.7/59$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.735+/-0.068 χ^2/NDF : 145551.3/12

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 313.083+/-0.074 χ^2/NDF : 67418.7/10

Left: 307.513+/-0.050 χ^2/NDF : 223557.7/23

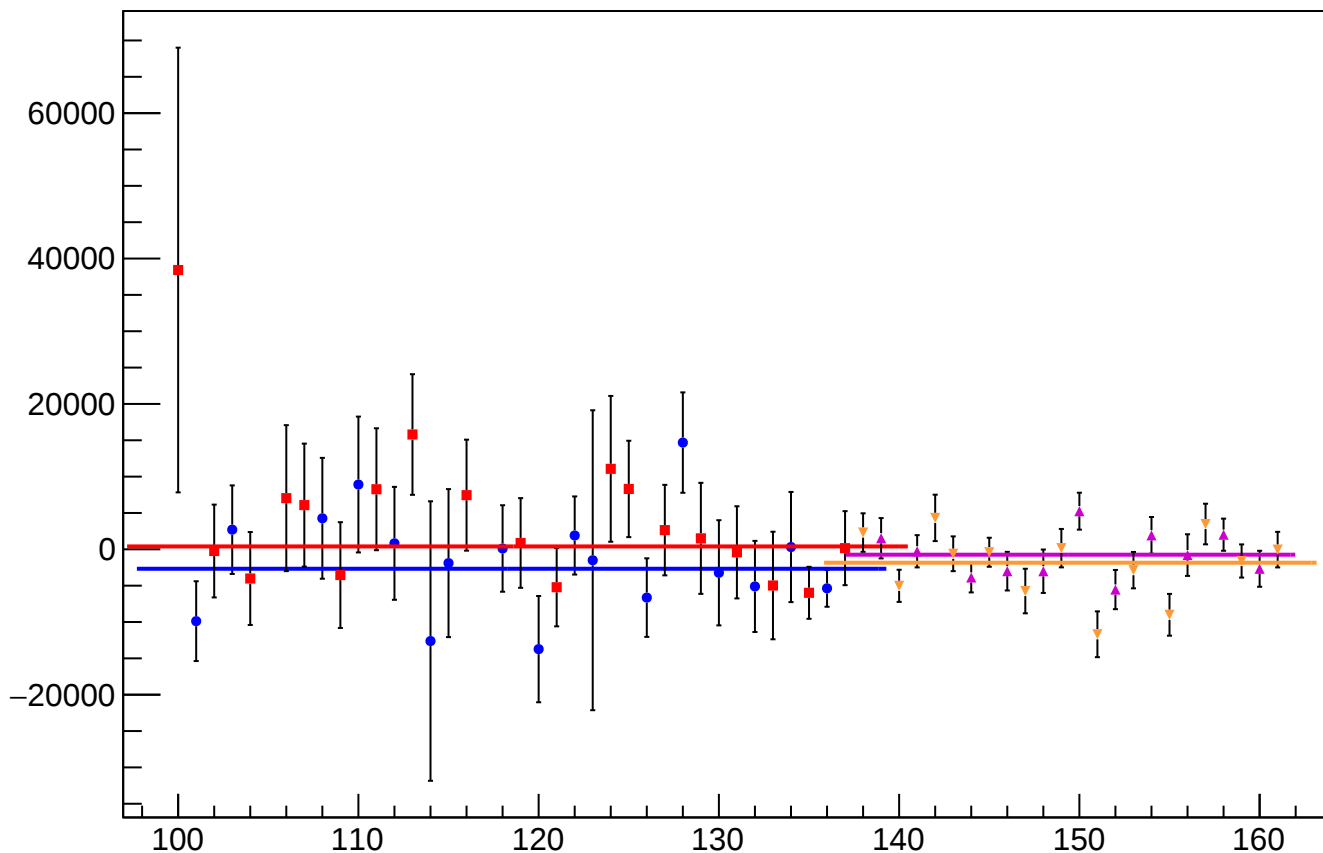
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 325.602+/-0.059 χ^2/NDF : 764975.6/27

Out: 320.729+/-0.056 χ^2/NDF : 1209998.7/31

All: 323.054+/-0.041 χ^2/NDF : 1978573.3/59

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1843.471+/-708.838 χ^2/NDF : 31.6/12

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -740.476+/-753.050 χ^2/NDF : 16.3/10

Left: -1325.301+/-516.147 χ^2/NDF : 49.0/23

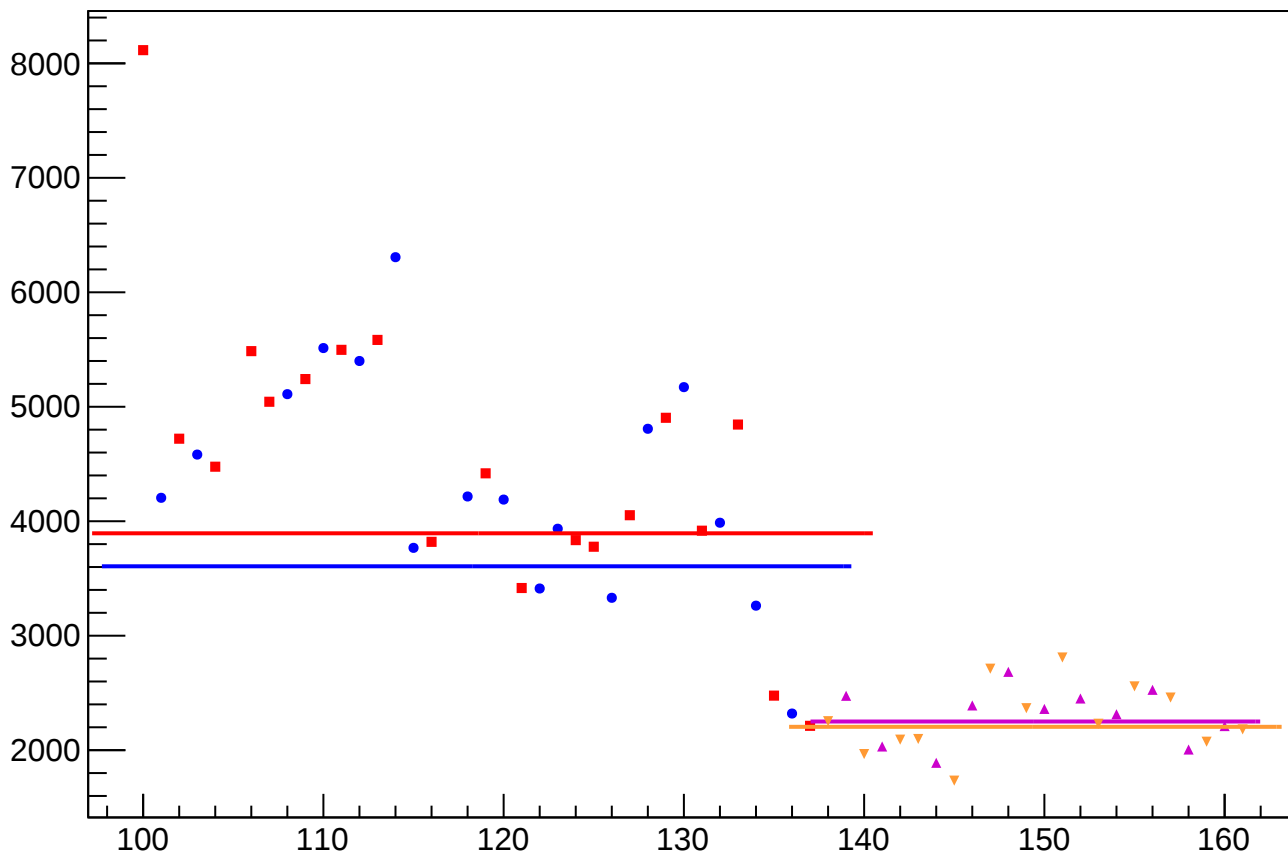
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1148.461+/-668.901 χ^2/NDF : 34.5/27

Out: -1441.254+/-642.112 χ^2/NDF : 49.3/31

All: -1300.838+/-463.223 χ^2/NDF : 83.8/59

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.949+/-0.501 χ^2/NDF :331736.3/12

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2250.347+/-0.532 χ^2/NDF :201845.5/10

Left: 2225.746+/-0.365 χ^2/NDF : 537607.6/23

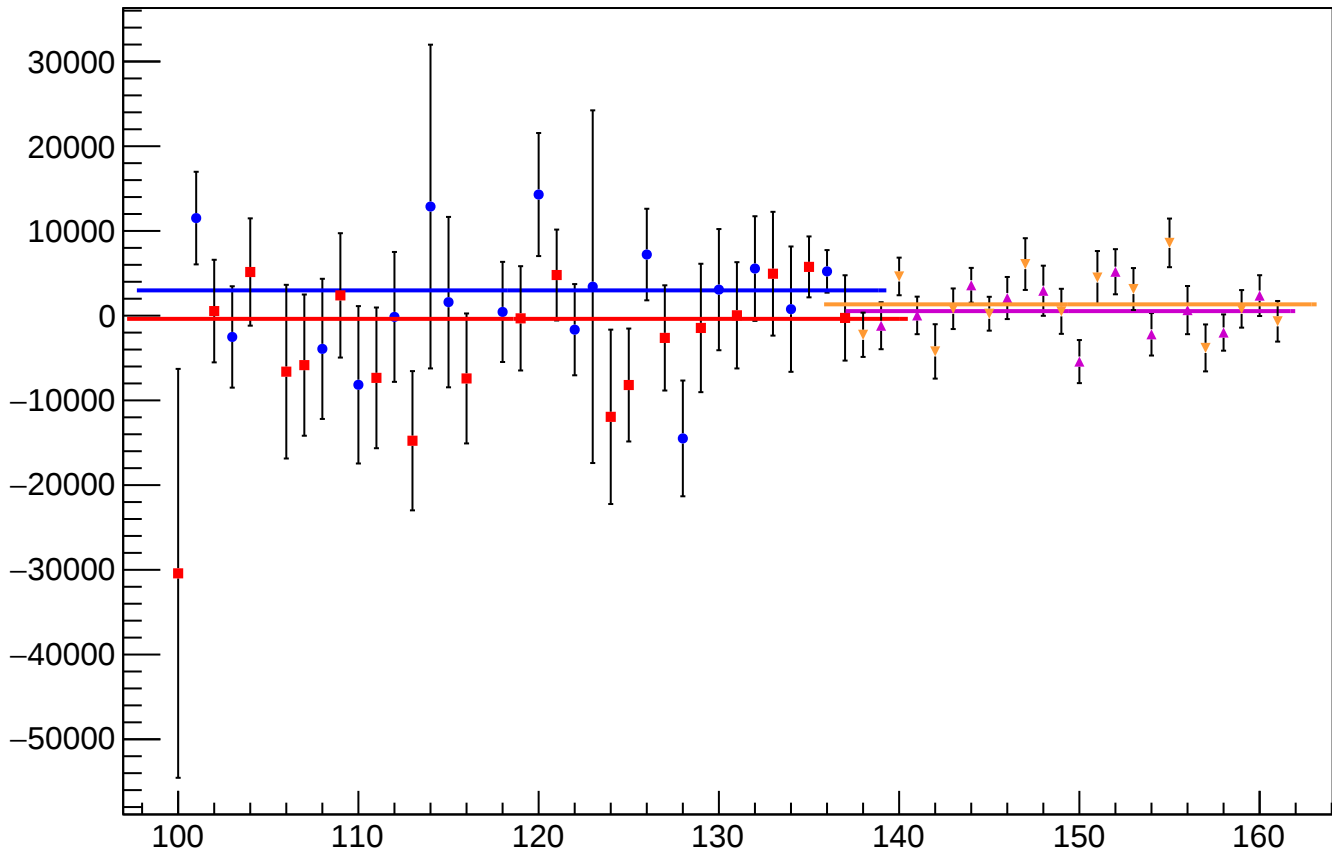
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2536.470+/-0.473 χ^2/NDF :2662713.2/27

Out: 2507.264+/-0.454 χ^2/NDF :3405679.2/31

All: 2521.270+/-0.328 χ^2/NDF : 6070376.8/59

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1336.213+/-704.638 χ^2/NDF :22.1/12

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 537.016+/-741.943 χ^2/NDF :15.4/10

Left: 957.210+/-510.934 χ^2/NDF : 38.1/23

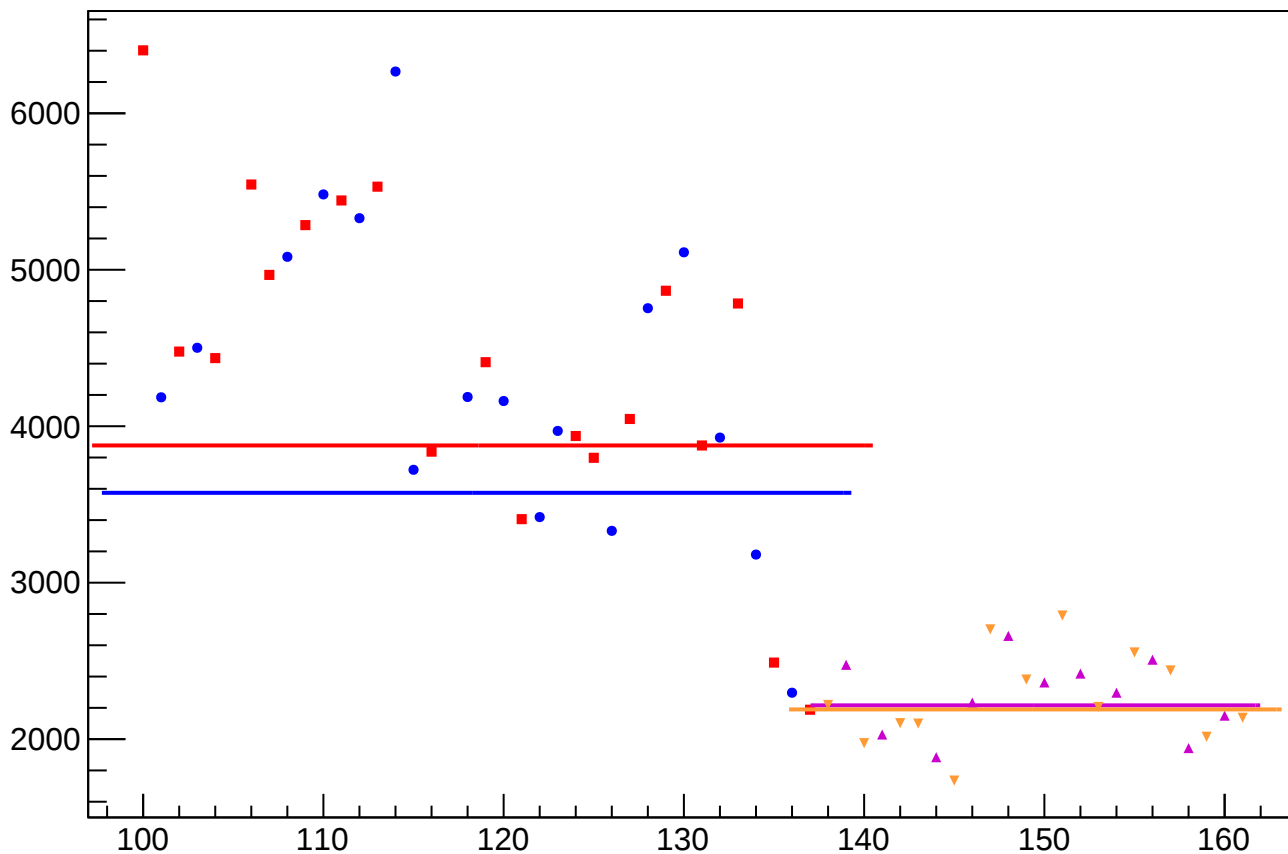
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 1048.222+/-659.893 χ^2/NDF :35.1/27

Out: 1028.918+/-638.338 χ^2/NDF :38.2/31

All: 1038.250+/-458.804 χ^2/NDF : 73.3/59

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2189.925 $\pm$ 0.498 χ^2/NDF : 328851.1/12

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2215.915 $\pm$ 0.525 χ^2/NDF : 204448.2/10

Left: 2202.250 $\pm$ 0.361 χ^2/NDF : 534589.7/23

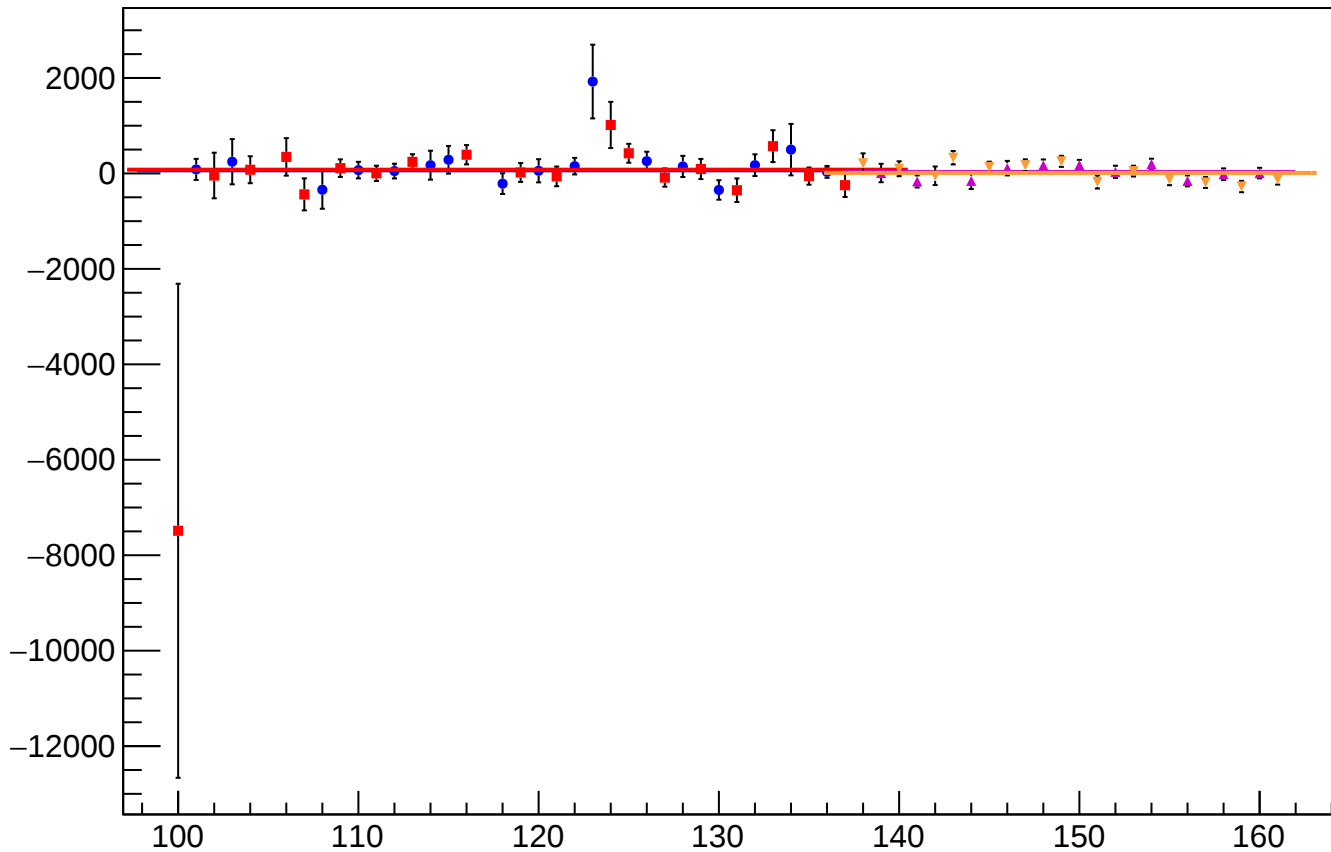
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2499.758 $\pm$ 0.467 χ^2/NDF : 2696707.3/27

Out: 2492.486 $\pm$ 0.451 χ^2/NDF : 3375237.1/31

All: 2496.001 $\pm$ 0.324 χ^2/NDF : 6072069.9/59

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 11.172+/-35.734 χ^2/NDF : 27.2/12

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 30.585+/-38.297 χ^2/NDF : 12.0/10

Left: 20.207+/-26.127 χ^2/NDF : 39.3/23

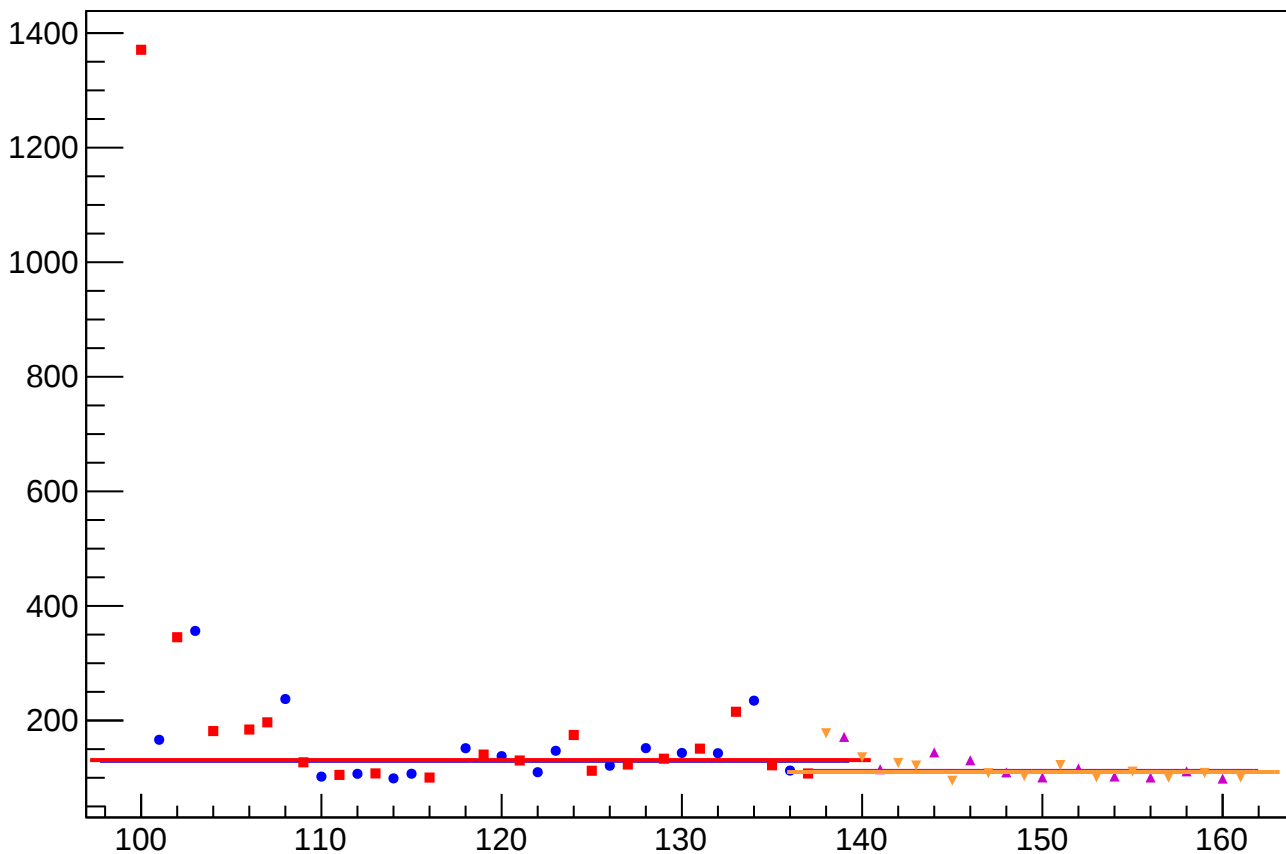
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 42.556+/-30.981 χ^2/NDF : 28.0/27

Out: 32.640+/-29.512 χ^2/NDF : 52.6/31

All: 37.357+/-21.369 χ^2/NDF : 80.6/59

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 110.088 $\pm$ 0.025 χ^2 /NDF: 393517.9/12

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 112.034 $\pm$ 0.027 χ^2 /NDF: 381132.8/10

Left: 110.994 $\pm$ 0.018 χ^2 /NDF: 777411.3/23

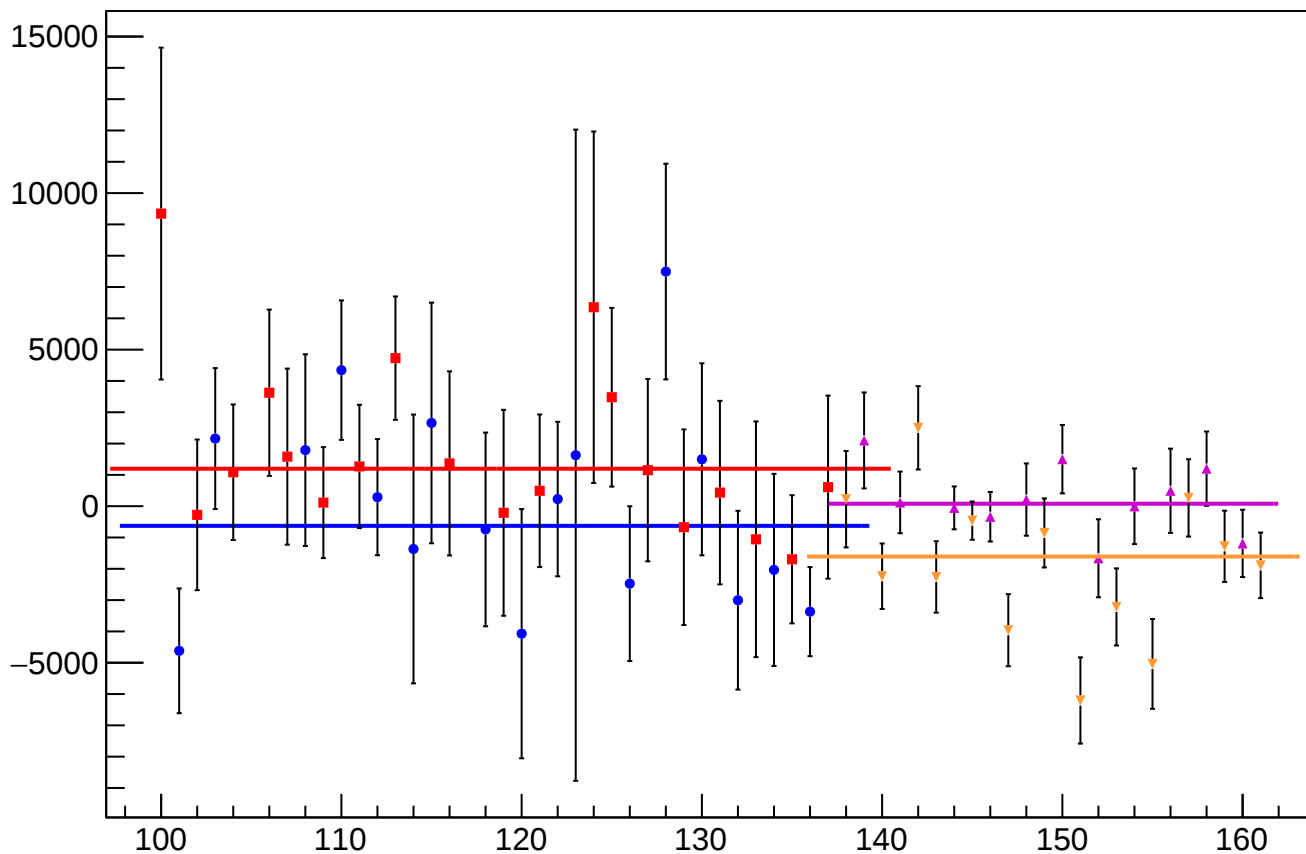
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 118.138 $\pm$ 0.022 χ^2 /NDF: 1517834.8/27

Out: 116.697 $\pm$ 0.021 χ^2 /NDF: 1651074.3/31

All: 117.383 $\pm$ 0.015 χ^2 /NDF: 3171175.7/59

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1608.015+/-302.357 χ^2/NDF : 40.8/12

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 78.083+/-312.669 χ^2/NDF : 8.1/10

Left: -793.227+/-217.353 χ^2/NDF : 63.9/23

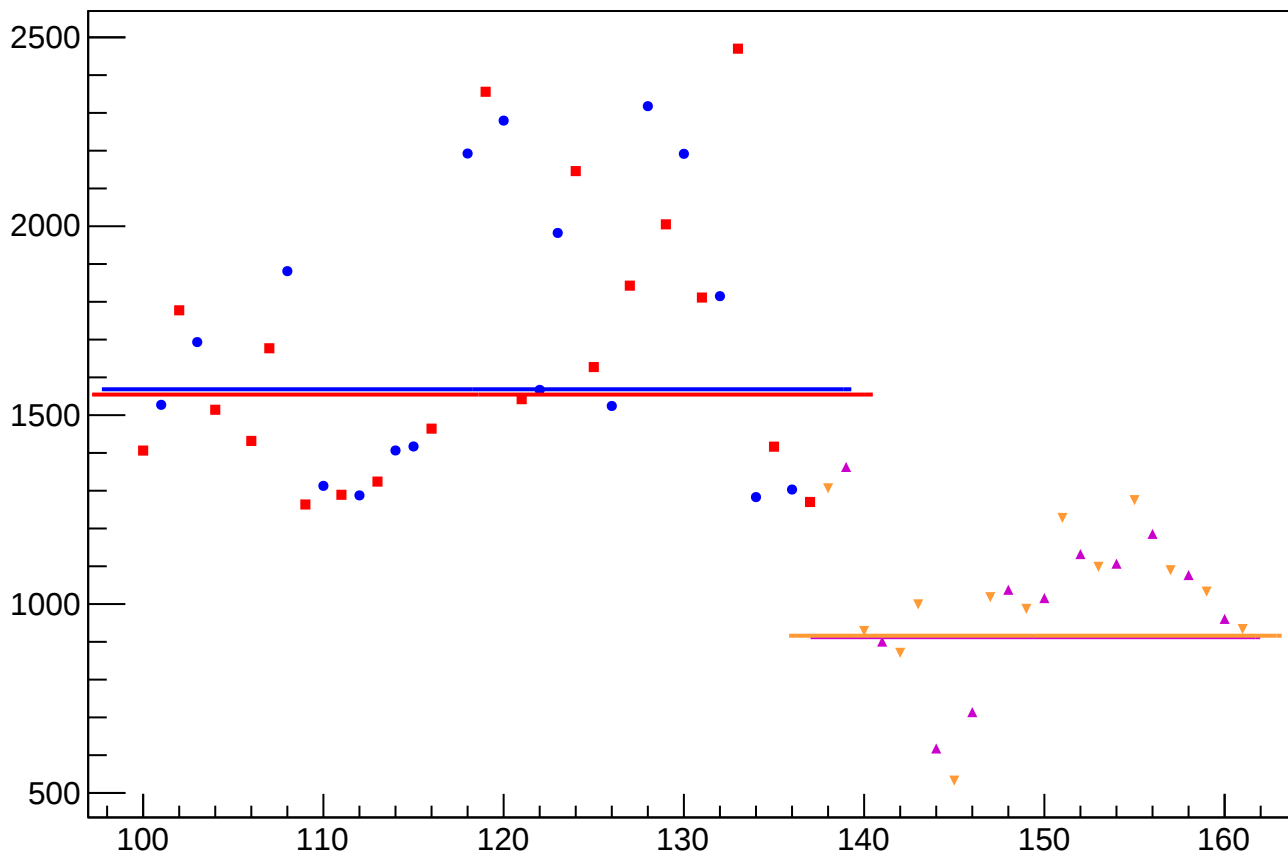
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -64.570+/-279.312 χ^2/NDF : 33.4/27

Out: -1033.553+/-269.614 χ^2/NDF : 70.2/31

All: -566.176+/-193.984 χ^2/NDF : 109.9/59

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 916.226+/-0.214 χ^2/NDF :1286583.2/12

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 912.317+/-0.221 χ^2/NDF :949545.1/10

Left: 914.337+/-0.154 χ^2/NDF : 2236289.8/23

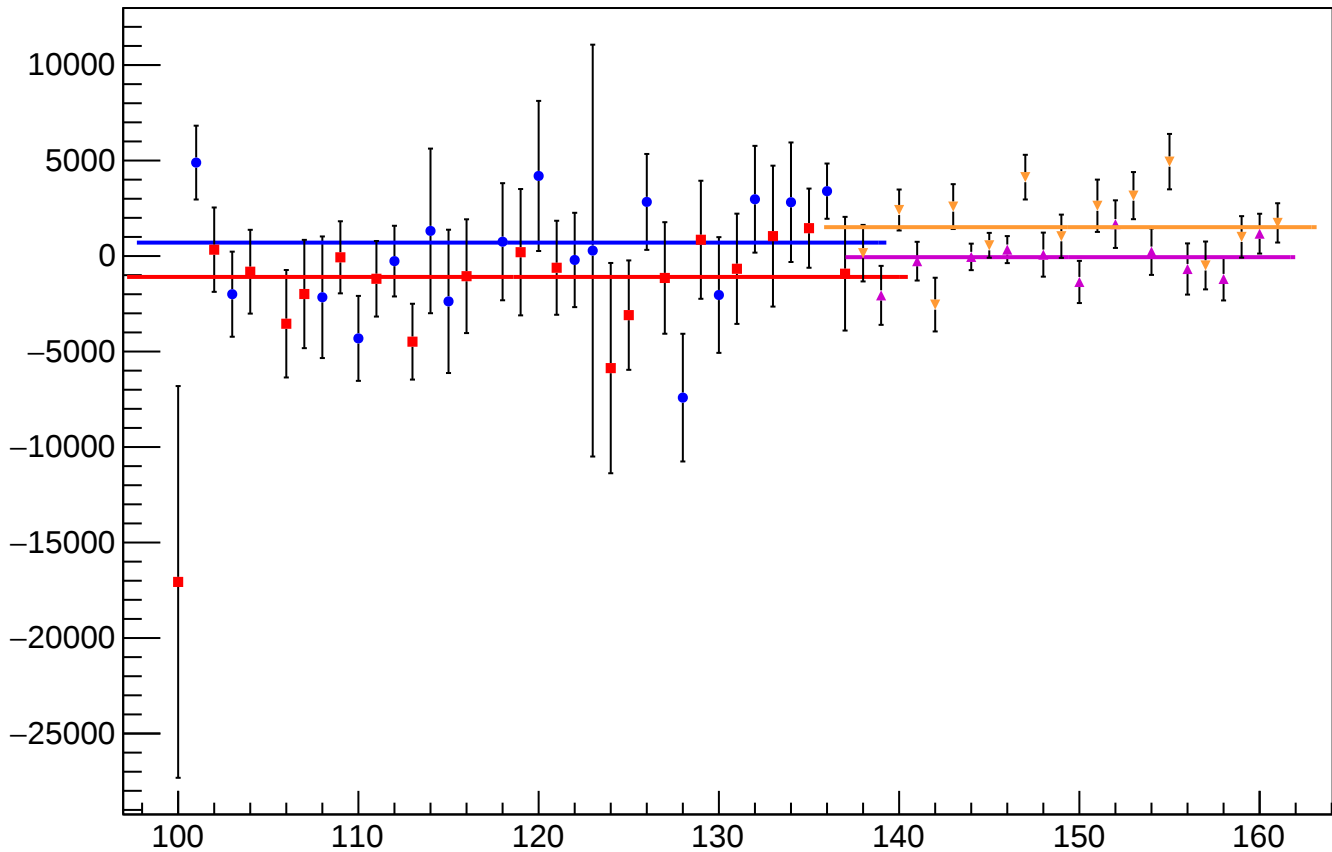
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1044.851+/-0.198 χ^2/NDF :3262851.1/27

Out: 1046.987+/-0.191 χ^2/NDF :3624589.6/31

All: 1045.957+/-0.137 χ^2/NDF : 6887501.3/59

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1512.163 $\pm$ 308.176 χ^2 /NDF: 28.9/12

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -58.395 $\pm$ 306.780 χ^2 /NDF: 8.0/10

Left: 723.316 $\pm$ 217.418 χ^2 /NDF: 50.0/23

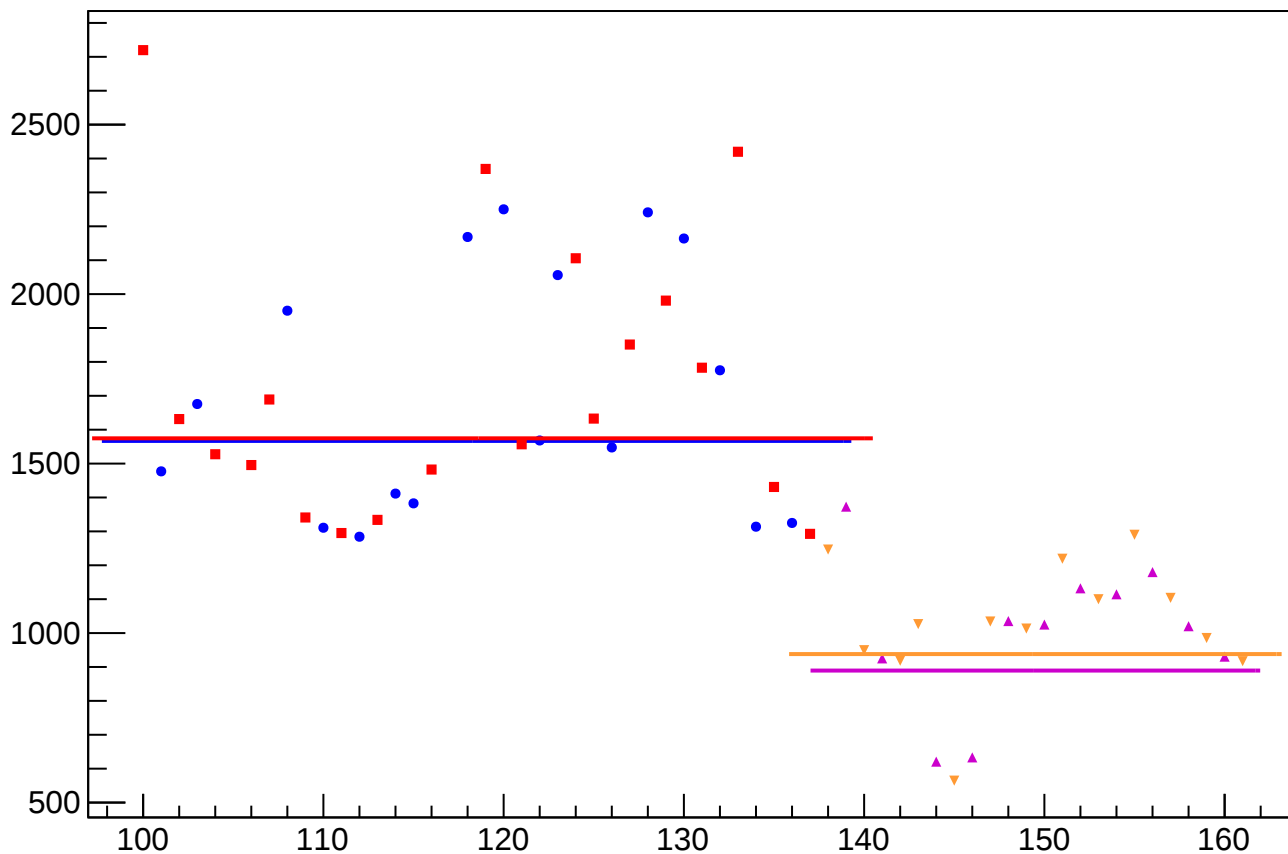
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 91.127 $\pm$ 275.015 χ^2 /NDF: 35.2/27

Out: 972.742 $\pm$ 274.435 χ^2 /NDF: 54.3/31

All: 532.865 $\pm$ 194.259 χ^2 /NDF: 94.7/59

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 938.057 $\pm$ 0.218 χ^2 /NDF: 1056980.5/12

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 889.405 $\pm$ 0.217 χ^2 /NDF: 1091462.5/10

Left: 913.621 $\pm$ 0.154 χ^2 /NDF: 2173479.2/23

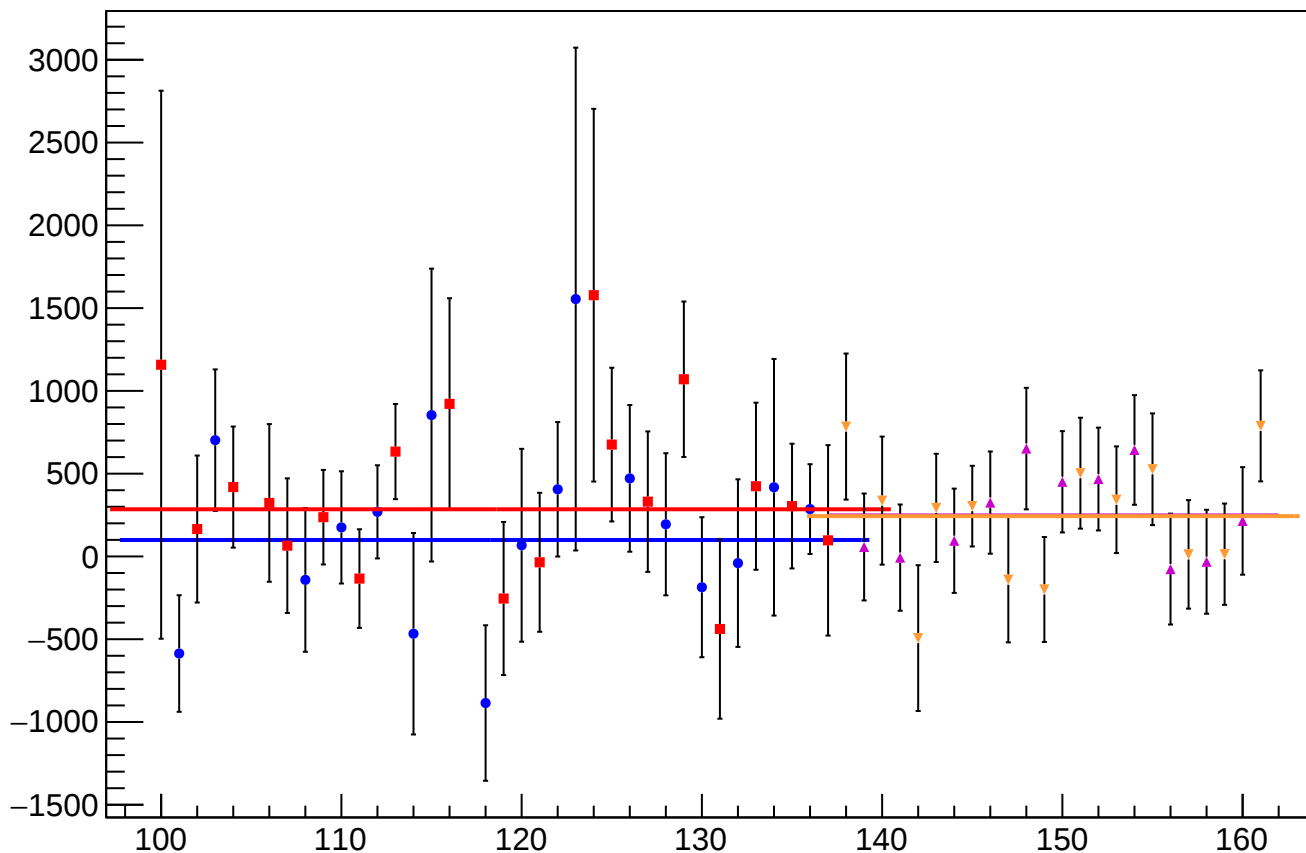
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1022.448 $\pm$ 0.194 χ^2 /NDF: 3506880.2/27

Out: 1069.800 $\pm$ 0.194 χ^2 /NDF: 3287034.3/31

All: 1046.174 $\pm$ 0.137 χ^2 /NDF: 6823622.1/59

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 243.479 $\pm$ 92.714 χ^2 /NDF:12.5/12

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 247.561 $\pm$ 97.128 χ^2 /NDF:6.6/10

Left: 245.426 $\pm$ 67.065 χ^2 /NDF: 19.1/23

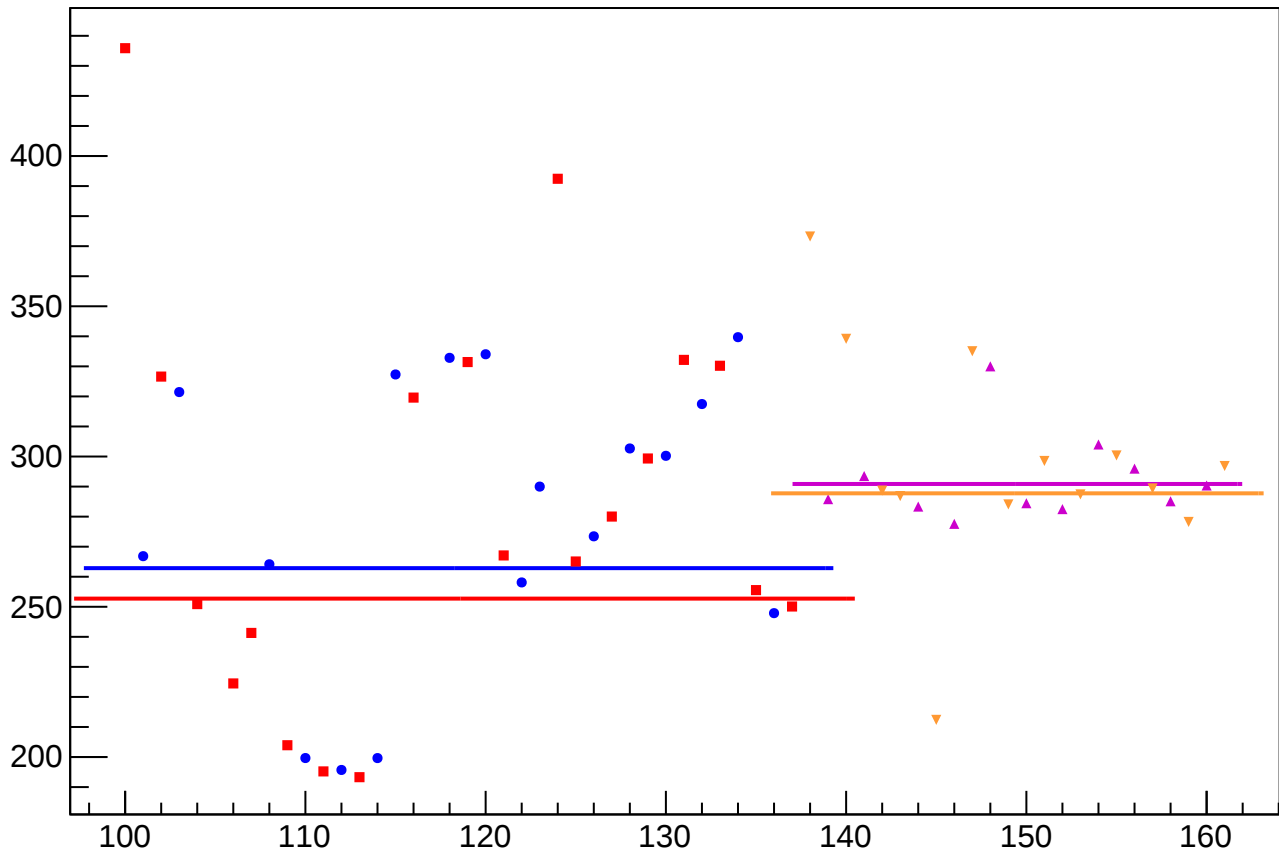
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 178.150 $\pm$ 70.814 χ^2 /NDF:23.6/27

Out: 263.096 $\pm$ 67.255 χ^2 /NDF:26.6/31

All: 222.811 $\pm$ 48.766 χ^2 /NDF: 51.0/59

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 287.752+/-0.066 χ^2/NDF : 341781.0/12

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 290.866+/-0.069 χ^2/NDF : 34822.7/10

Left: 289.237+/-0.047 χ^2/NDF : 377679.6/23

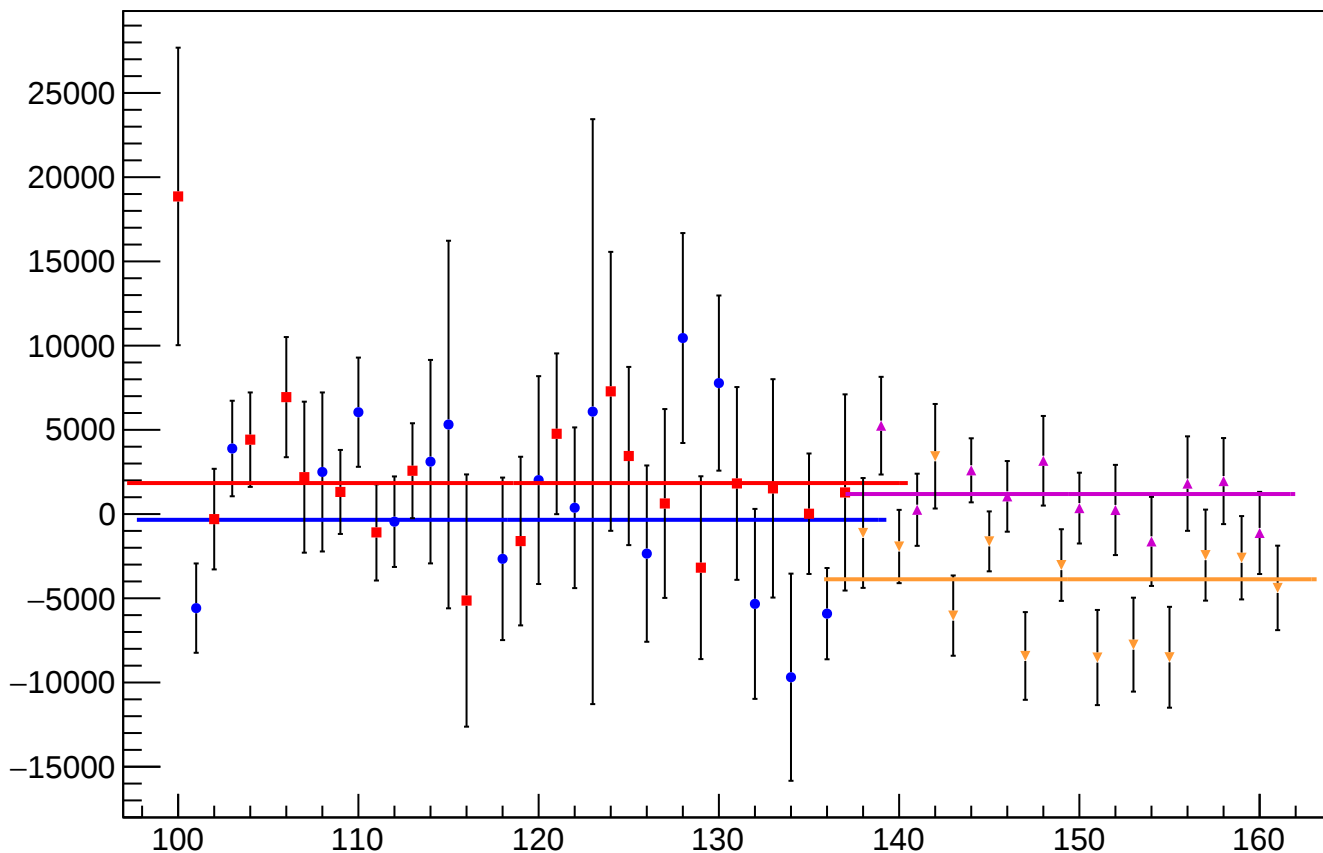
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 277.745+/-0.050 χ^2/NDF : 524437.3/27

Out: 271.154+/-0.048 χ^2/NDF : 1016795.8/31

All: 274.280+/-0.034 χ^2/NDF : 1550341.8/59

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -3871.285 $\pm$ 690.950 χ^2/NDF : 20.3/12

Right Out: 1840.596 $\pm$ 924.746 χ^2/NDF : 11.7/18

Left In: 1189.379 $\pm$ 718.063 χ^2/NDF : 5.7/10

Left: -1438.298 $\pm$ 497.885 χ^2/NDF : 51.8/23

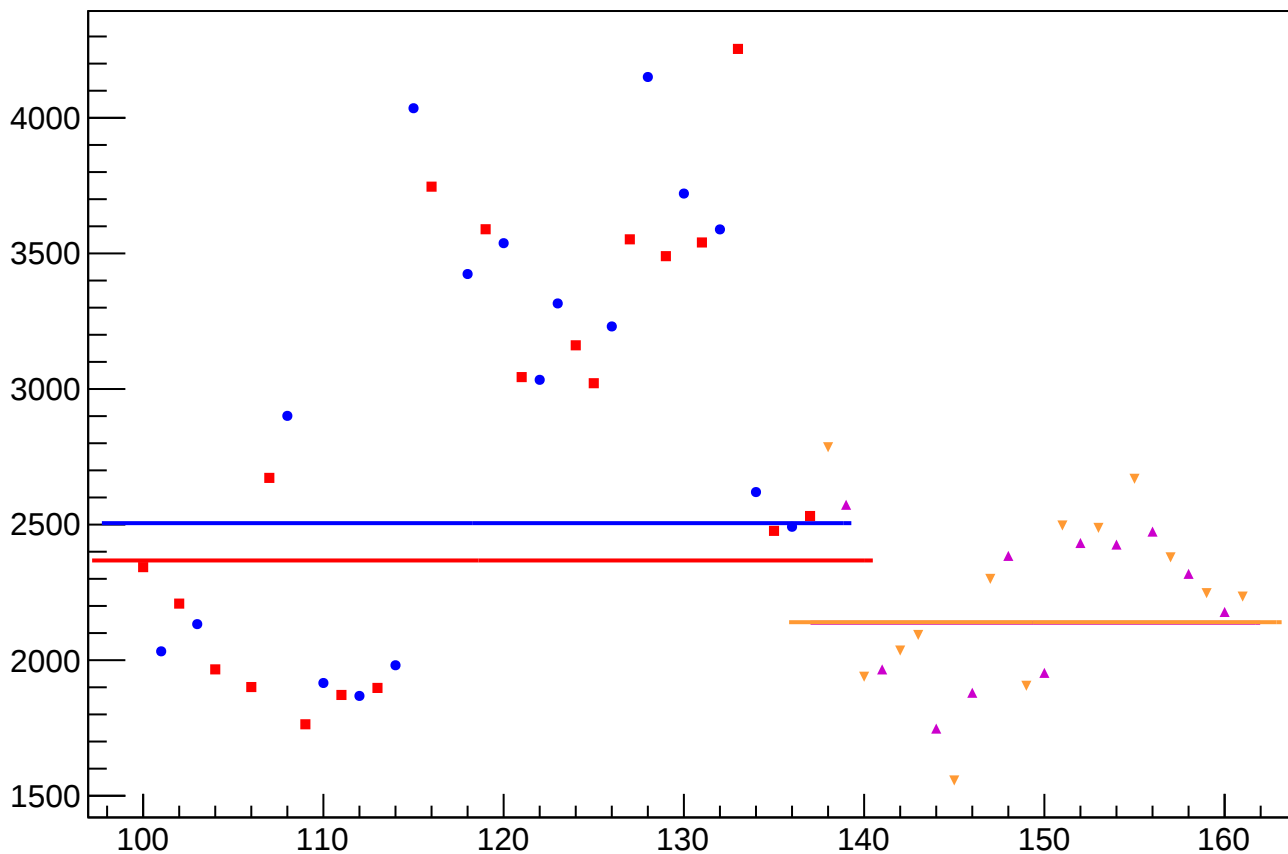
Right: 839.728 $\pm$ 680.387 χ^2/NDF : 38.7/35

In: 671.732 $\pm$ 584.184 χ^2/NDF : 31.7/27

Out: -1824.920 $\pm$ 553.509 χ^2/NDF : 56.5/31

All: -643.860 $\pm$ 401.797 χ^2/NDF : 97.8/59

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2140.079+/-0.489 χ^2/NDF : 493159.4/12

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2138.040+/-0.508 χ^2/NDF : 292226.3/10

Left: 2139.099+/-0.352 χ^2/NDF : 785394.0/23

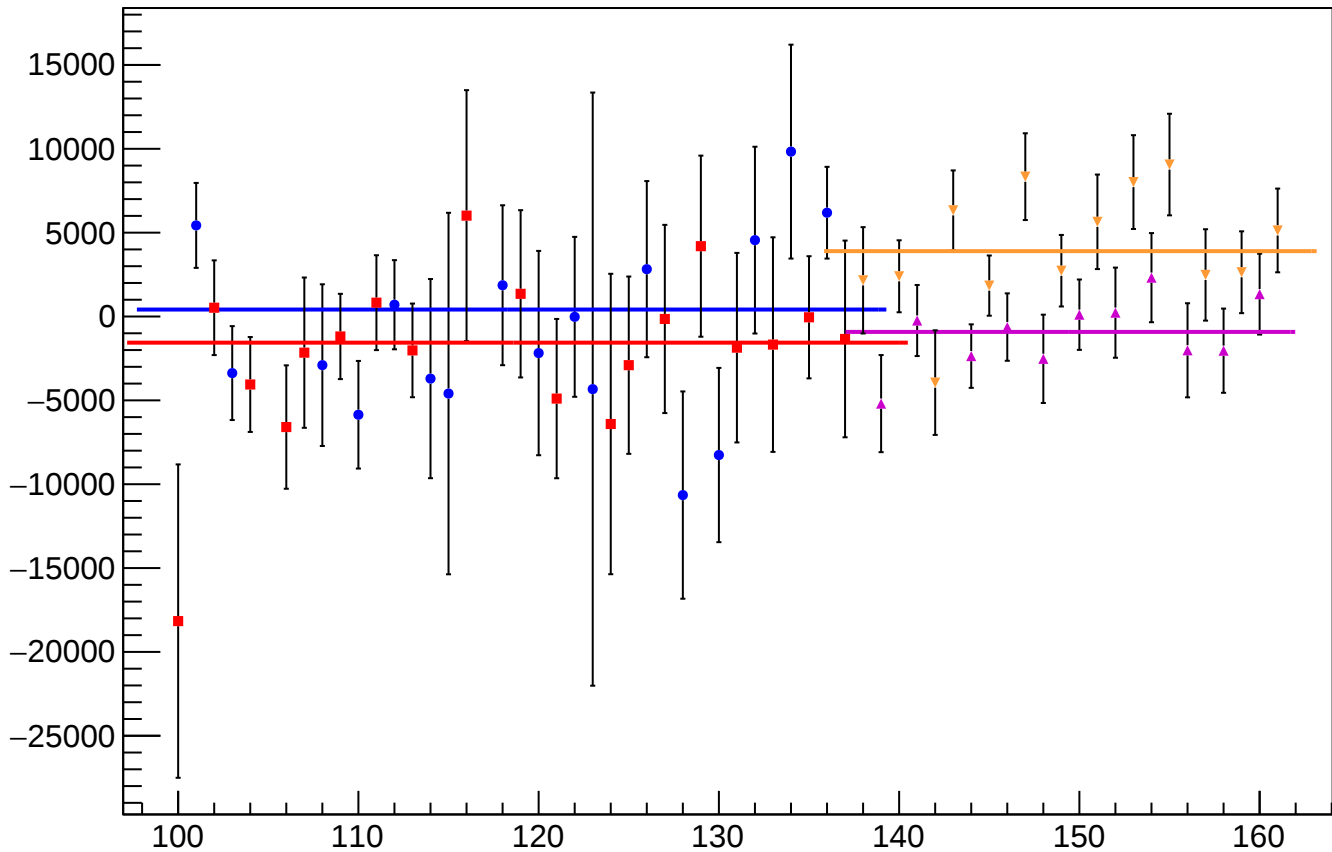
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2262.231+/-0.413 χ^2/NDF : 1333290.9/27

Out: 2221.639+/-0.391 χ^2/NDF : 1601837.0/31

All: 2240.841+/-0.284 χ^2/NDF : 2940216.4/59

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 3897.896 ± 689.784 χ^2/NDF : 19.0/12

Right Out: -1558.787 ± 924.438 χ^2/NDF : 10.7/18

Left In: -918.483 ± 711.139 χ^2/NDF : 6.4/10

Left: 1563.107 ± 495.128 χ^2/NDF : 49.0/23

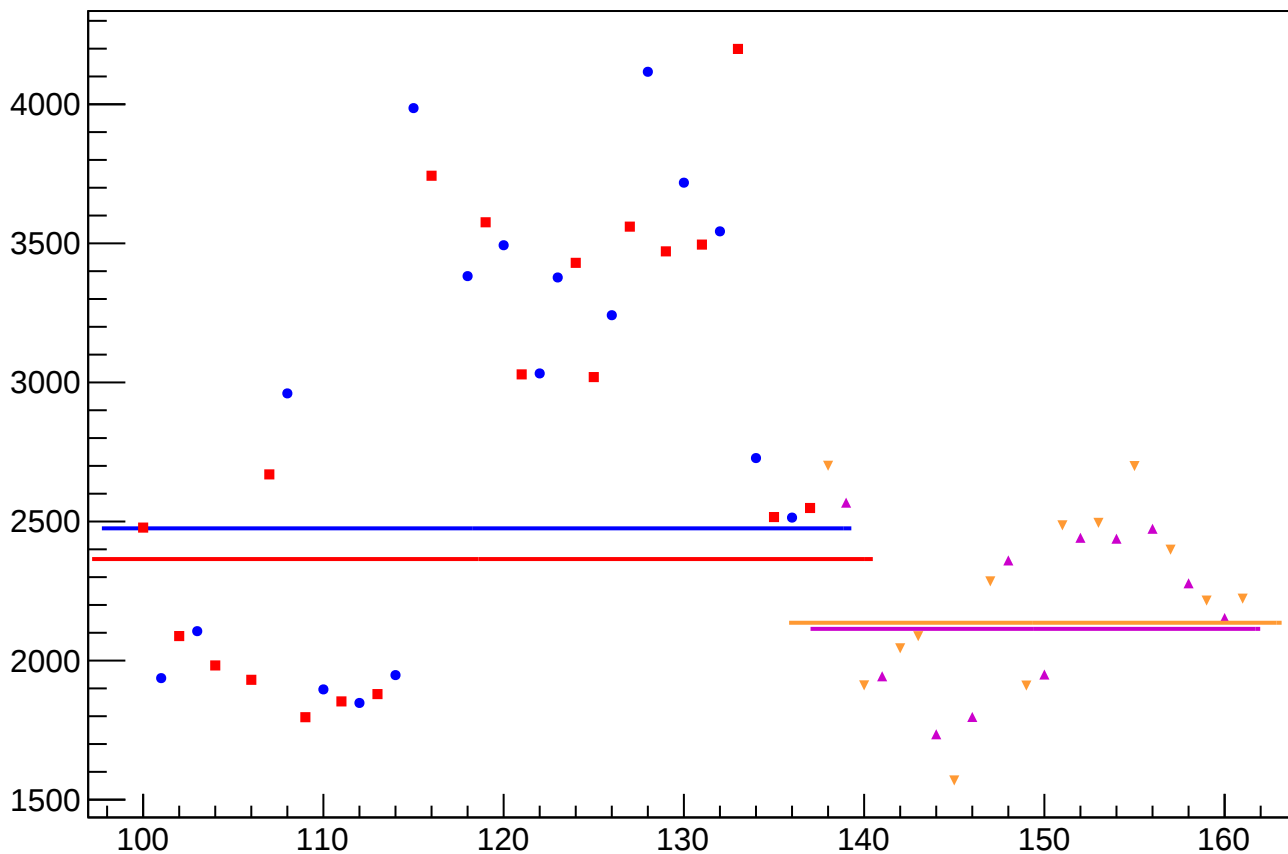
Right: -644.015 ± 677.222 χ^2/NDF : 37.3/35

In: -467.388 ± 578.544 χ^2/NDF : 32.1/27

Out: 1946.360 ± 552.843 χ^2/NDF : 52.1/31

All: 794.288 ± 399.696 χ^2/NDF : 93.2/59

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2136.035+/-0.488 χ^2/NDF : 472607.6/12

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2114.061+/-0.503 χ^2/NDF : 322925.5/10

Left: 2125.383+/-0.350 χ^2/NDF : 796517.0/23

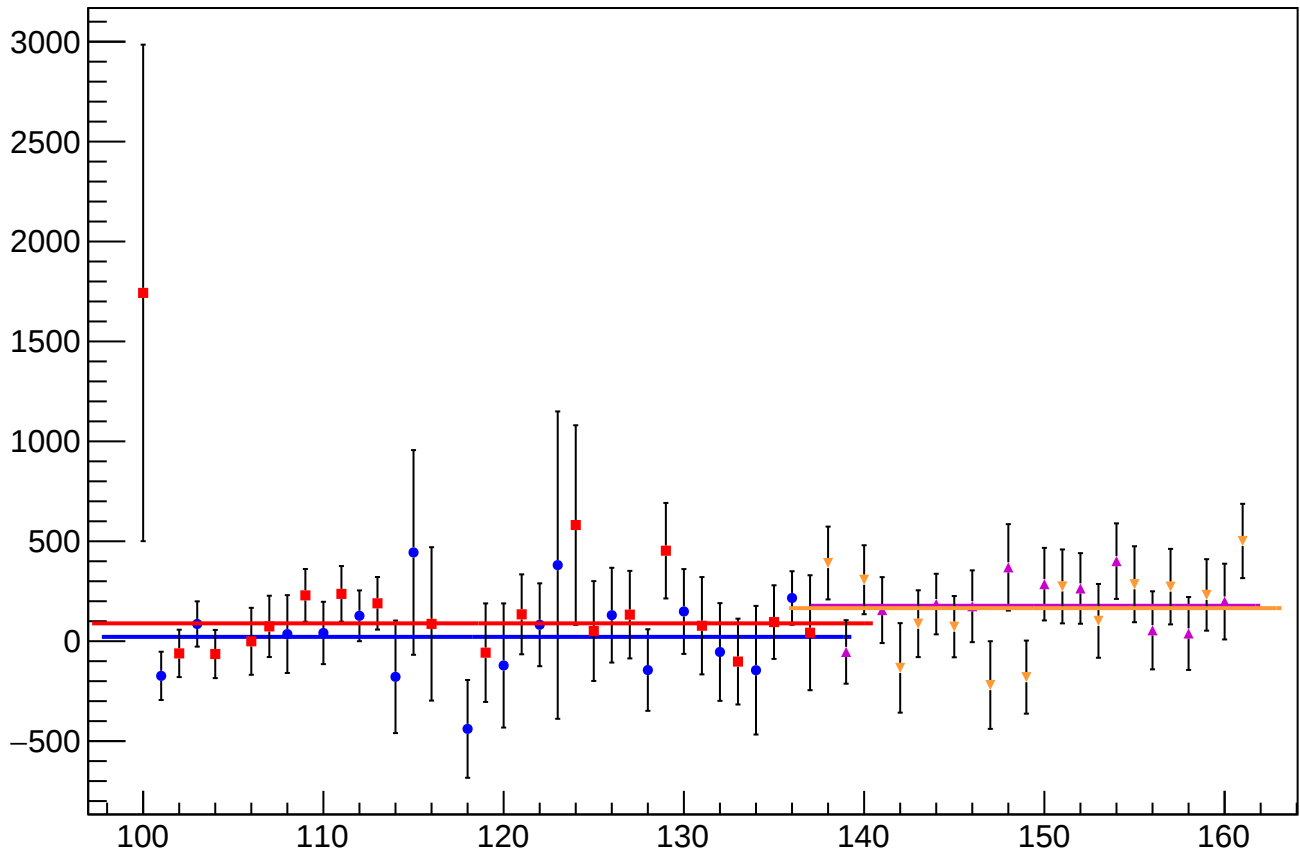
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2236.257+/-0.409 χ^2/NDF : 1410636.2/27

Out: 2217.931+/-0.391 χ^2/NDF : 1578607.9/31

All: 2226.678+/-0.283 χ^2/NDF : 2990293.0/59

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 165.375 $\pm$ 50.826 χ^2/NDF :15.8/12

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 177.211 $\pm$ 53.706 χ^2/NDF :5.9/10

Left: 170.967 $\pm$ 36.915 χ^2/NDF : 21.7/23

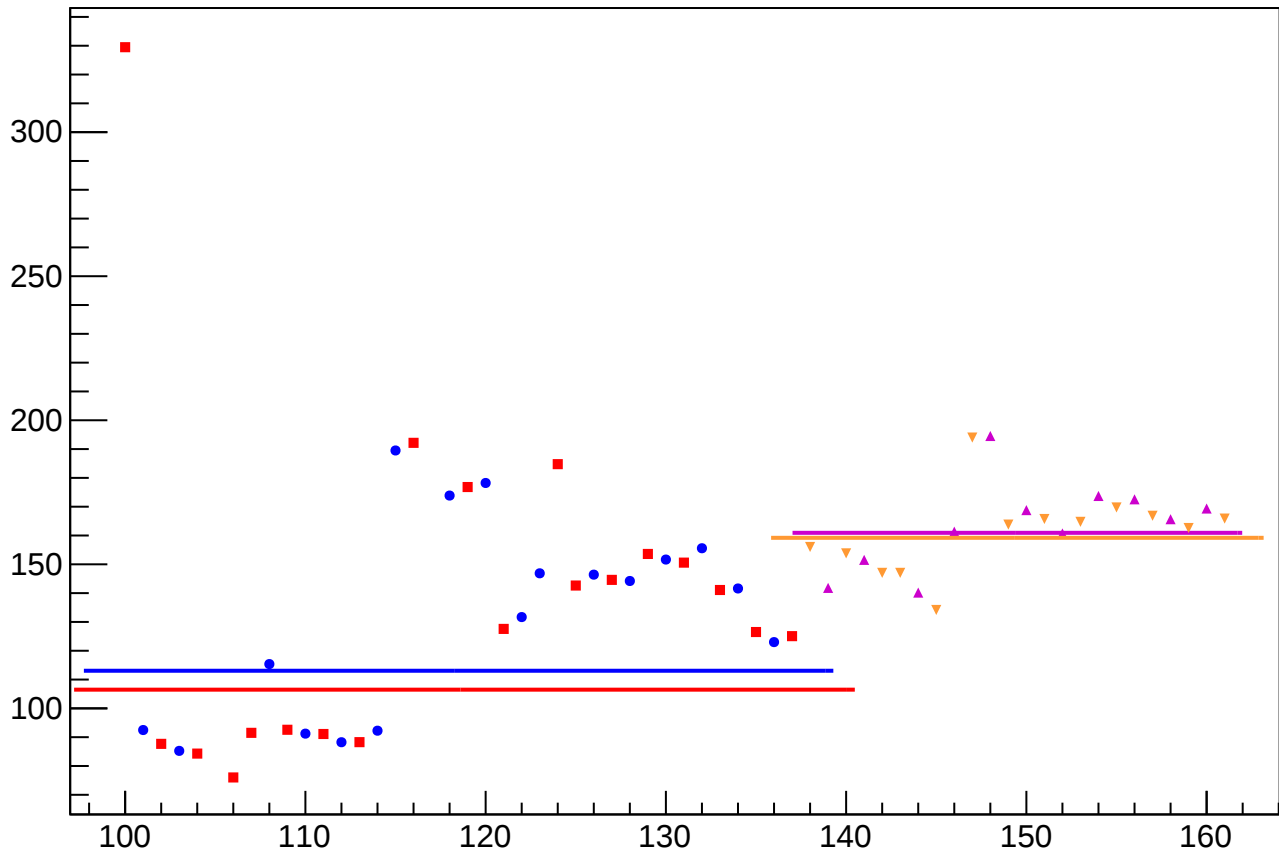
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 86.077 $\pm$ 34.563 χ^2/NDF :23.4/27

Out: 120.005 $\pm$ 32.285 χ^2/NDF :29.9/31

All: 104.195 $\pm$ 23.593 χ^2/NDF : 53.8/59

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 159.199 $\pm$ 0.036 χ^2/NDF :141067.9/12

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 160.932 $\pm$ 0.038 χ^2/NDF :146461.1/10

Left: 160.018 $\pm$ 0.026 χ^2/NDF : 288627.9/23

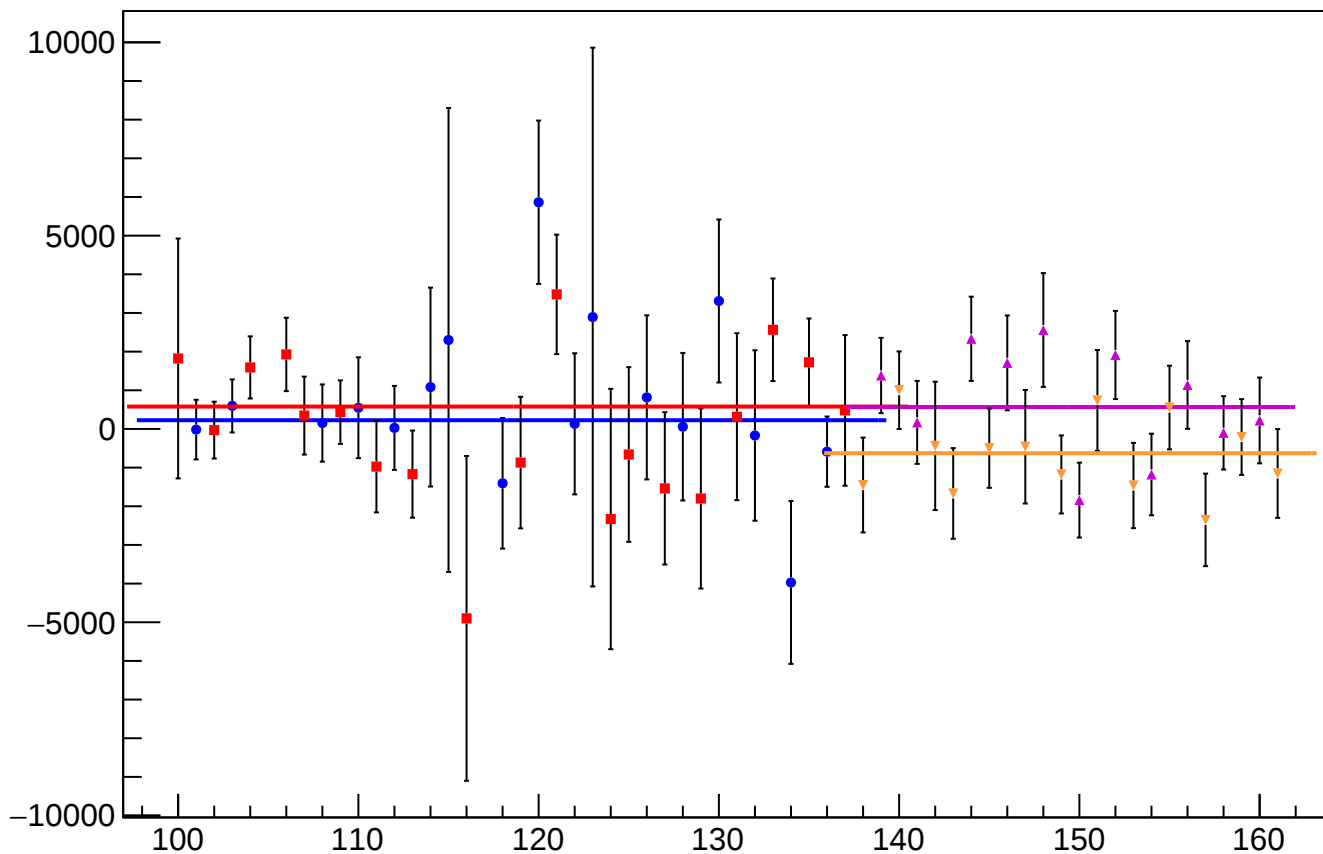
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 132.886 $\pm$ 0.024 χ^2/NDF :1898236.8/27

Out: 127.760 $\pm$ 0.023 χ^2/NDF :2440173.0/31

All: 130.149 $\pm$ 0.017 χ^2/NDF : 4361903.2/59

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -627.090 $\pm$ 317.658 χ^2/NDF : 9.5/12

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 567.386 $\pm$ 327.424 χ^2/NDF : 17.3/10

Left: -47.930 $\pm$ 227.993 χ^2/NDF : 33.7/23

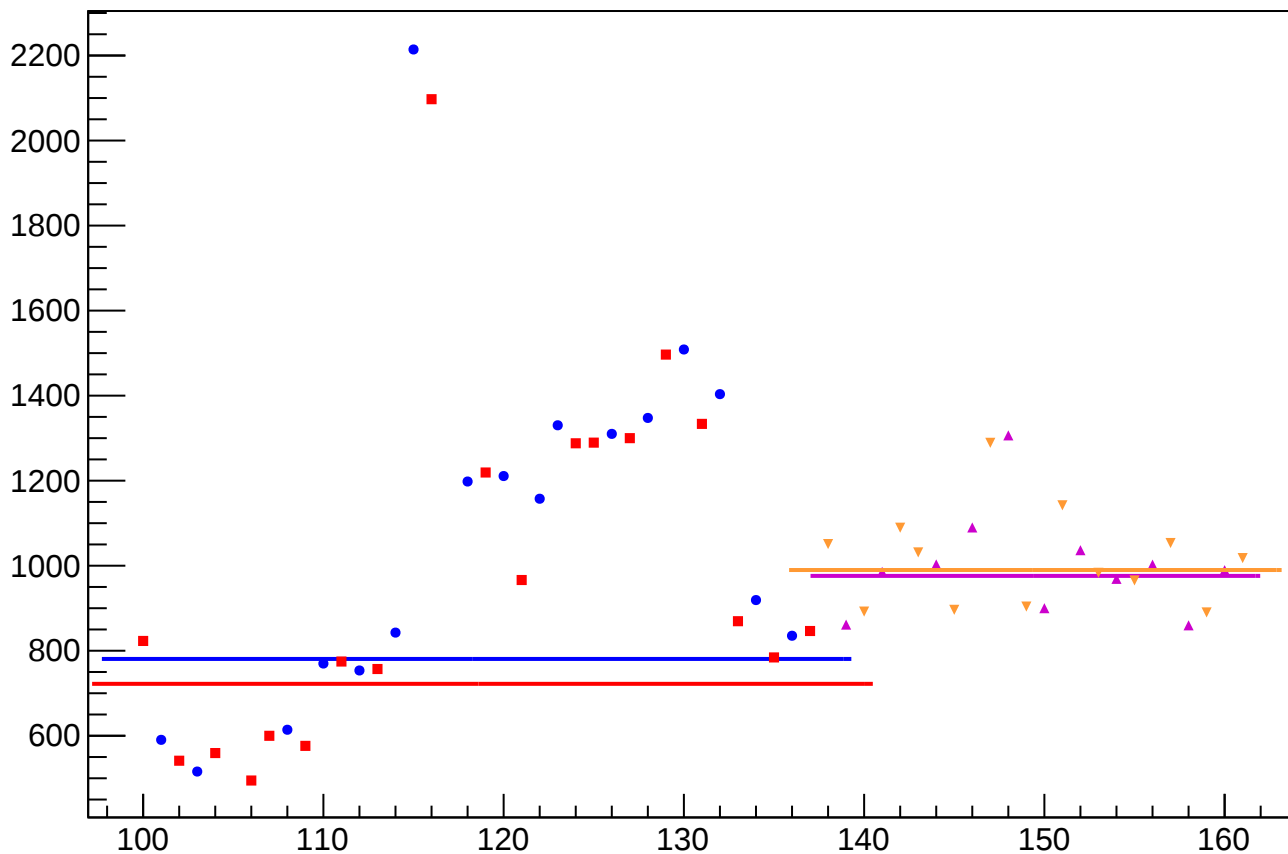
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 393.344 $\pm$ 229.368 χ^2/NDF : 33.8/27

Out: 32.328 $\pm$ 213.864 χ^2/NDF : 38.6/31

All: 200.223 $\pm$ 156.419 χ^2/NDF : 73.7/59

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 989.843 $\pm$ 0.225 χ^2 /NDF:203876.0/12

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 976.038 $\pm$ 0.232 χ^2 /NDF:196697.9/10

Left: 983.150 $\pm$ 0.161 χ^2 /NDF: 402405.4/23

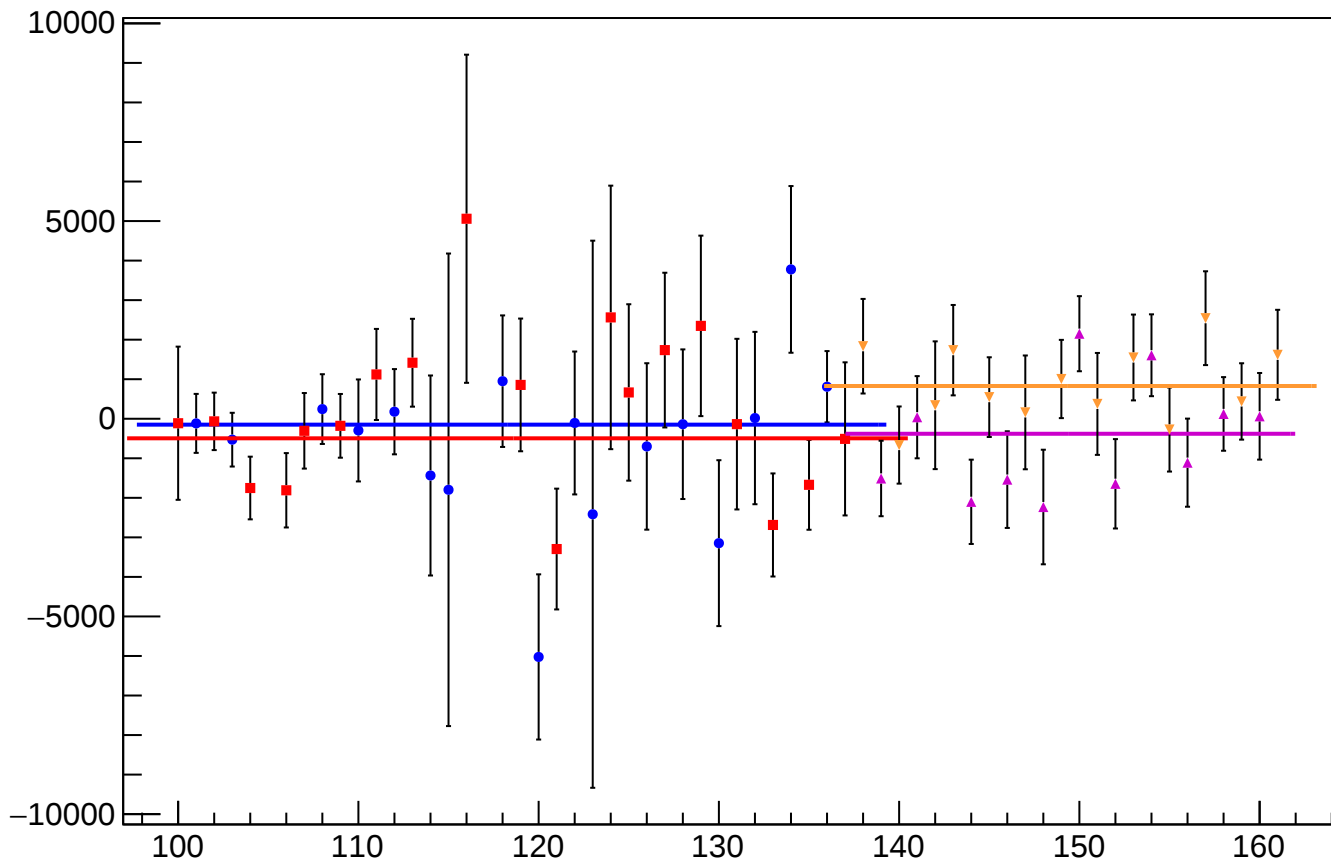
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 876.559 $\pm$ 0.162 χ^2 /NDF:2168724.5/27

Out: 843.486 $\pm$ 0.151 χ^2 /NDF:2609178.5/31

All: 858.867 $\pm$ 0.111 χ^2 /NDF: 4800148.0/59

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 828.290 ± 311.972 $\chi^2/\text{NDF}: 8.5/12$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -379.768 ± 321.653 $\chi^2/\text{NDF}: 19.6/10$

Left: 242.715 ± 223.942 $\chi^2/\text{NDF}: 35.4/23$

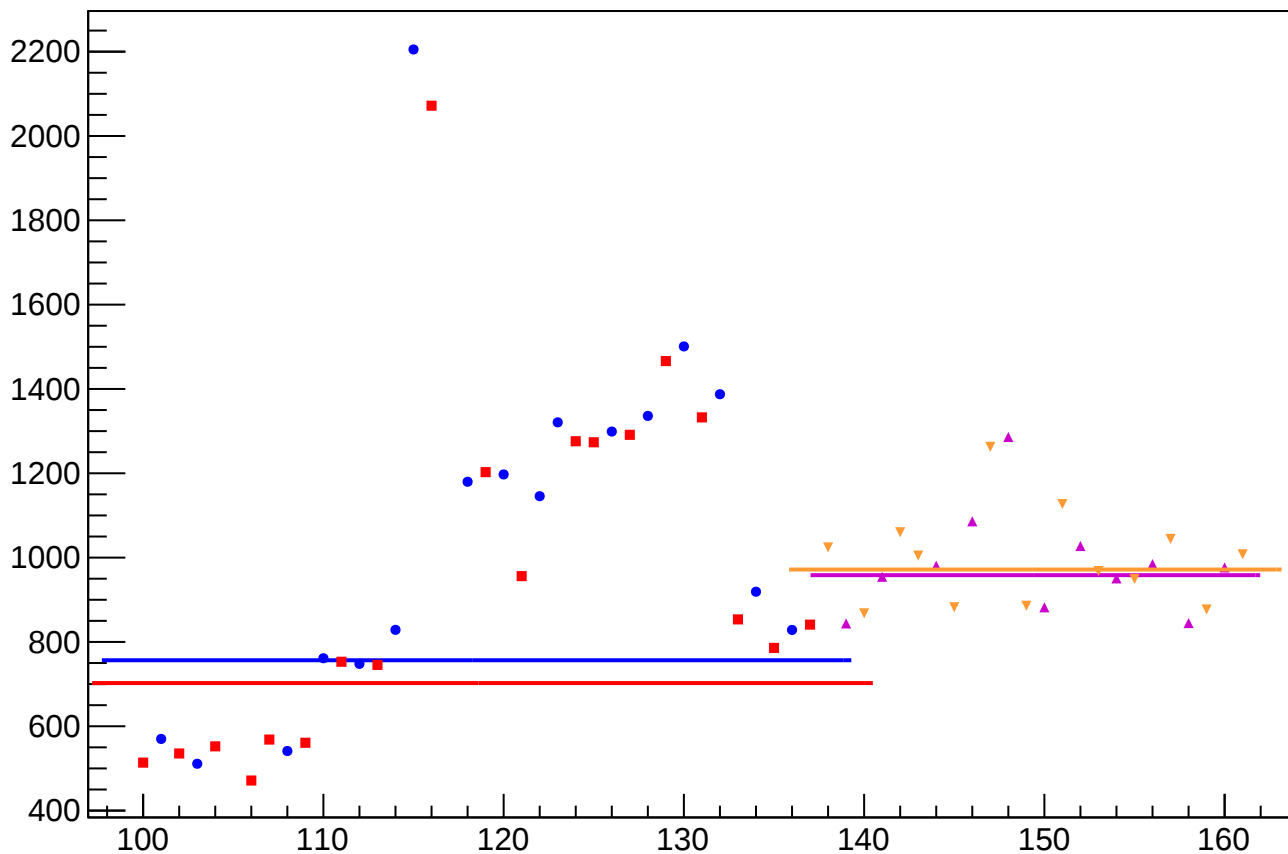
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -261.308 ± 224.308 $\chi^2/\text{NDF}: 36.0/27$

Out: 101.794 ± 209.494 $\chi^2/\text{NDF}: 42.0/31$

All: -67.372 ± 153.104 $\chi^2/\text{NDF}: 79.4/59$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 971.718 $\pm$ 0.221 χ^2 /NDF: 205479.4/12

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 958.383 $\pm$ 0.227 χ^2 /NDF: 205743.5/10

Left: 965.254 $\pm$ 0.158 χ^2 /NDF: 412994.3/23

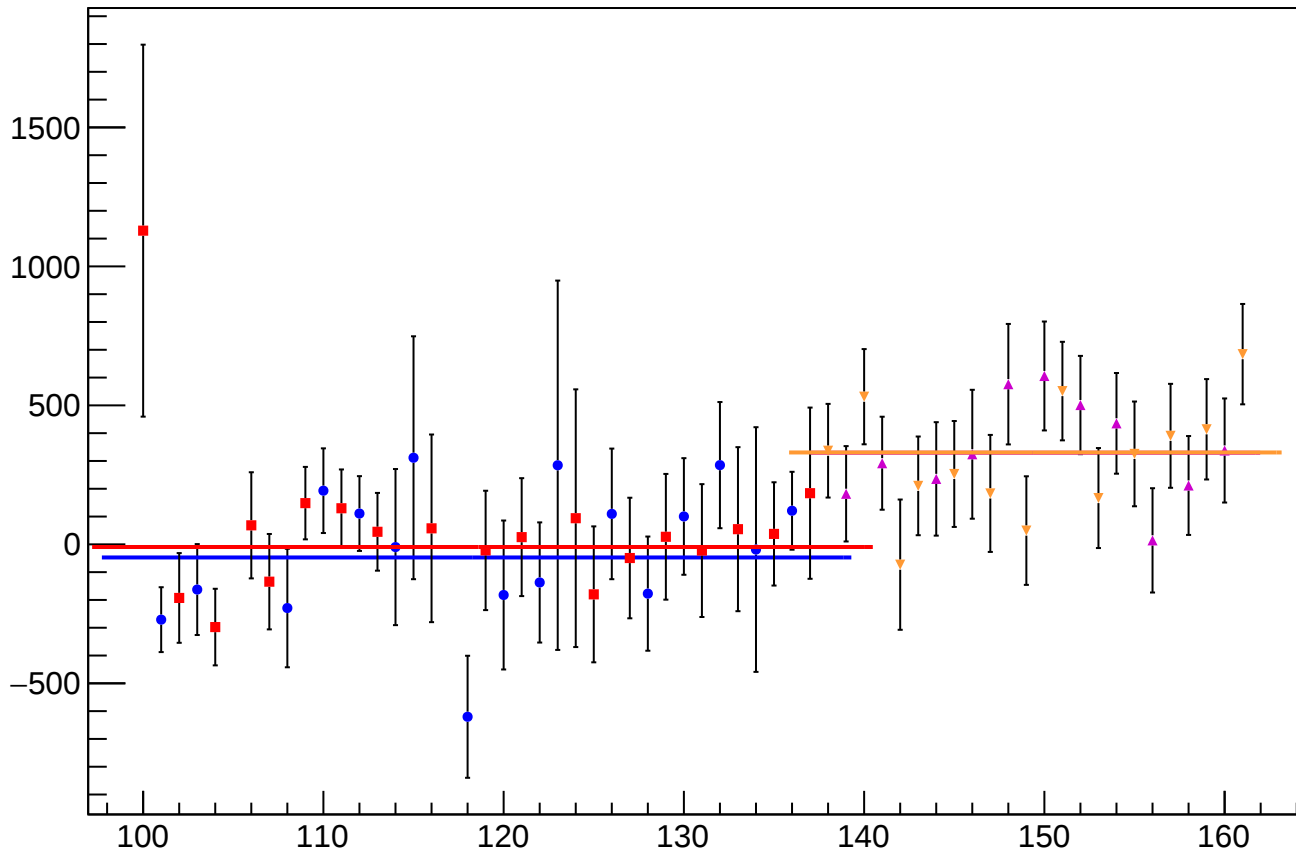
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 854.697 $\pm$ 0.159 χ^2 /NDF: 2323950.7/27

Out: 823.869 $\pm$ 0.148 χ^2 /NDF: 2712990.3/31

All: 838.231 $\pm$ 0.108 χ^2 /NDF: 5057119.6/59

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 330.598 ± 51.543 $\chi^2/\text{NDF}: 14.1/12$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 329.532 ± 56.735 $\chi^2/\text{NDF}: 8.8/10$

Left: 330.116 ± 38.150 $\chi^2/\text{NDF}: 22.9/23$

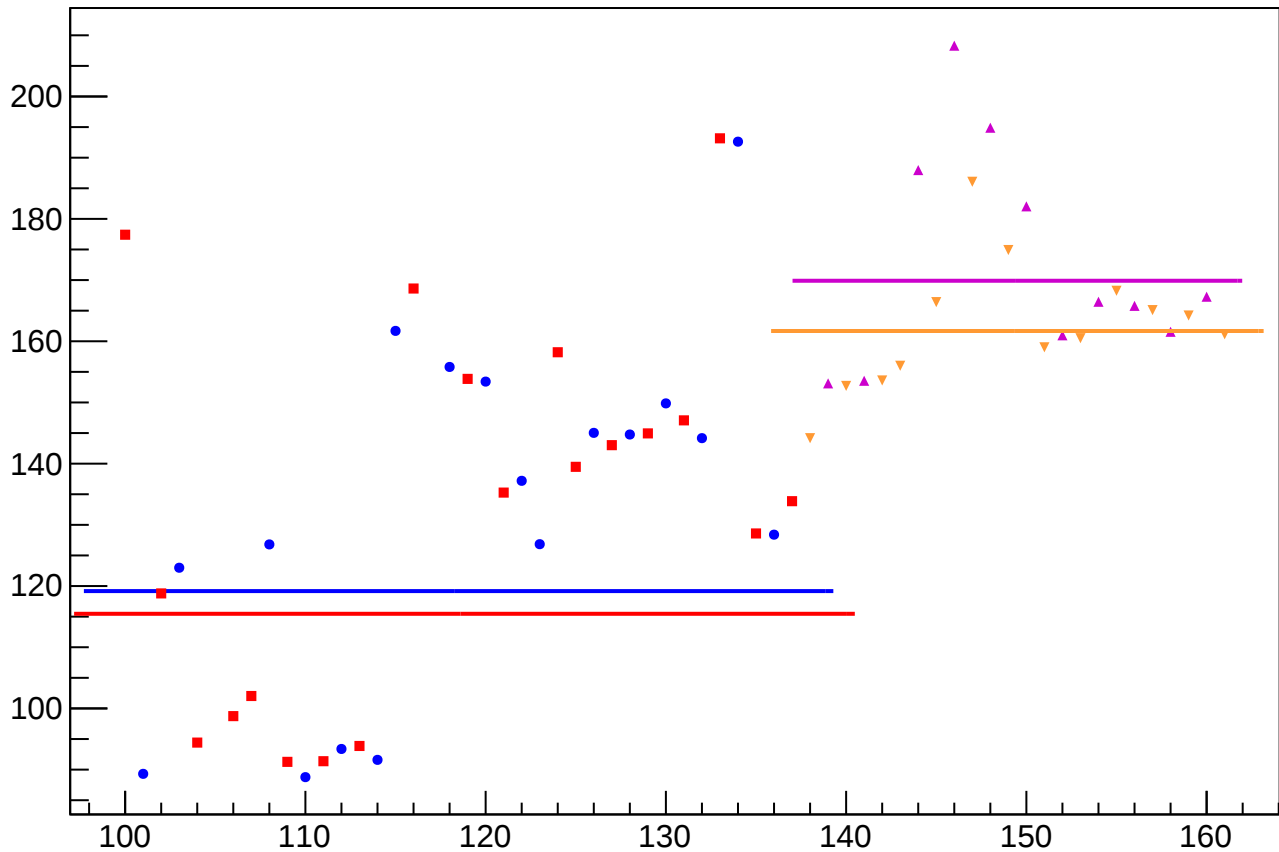
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 107.183 ± 36.316 $\chi^2/\text{NDF}: 56.7/27$

Out: 136.667 ± 33.791 $\chi^2/\text{NDF}: 51.9/31$

All: 122.986 ± 24.738 $\chi^2/\text{NDF}: 109.0/59$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.679+/-0.036 χ^2/NDF : 72835.7/12

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.889+/-0.040 χ^2/NDF : 154666.3/10

Left: 165.391+/-0.027 χ^2/NDF : 250447.4/23

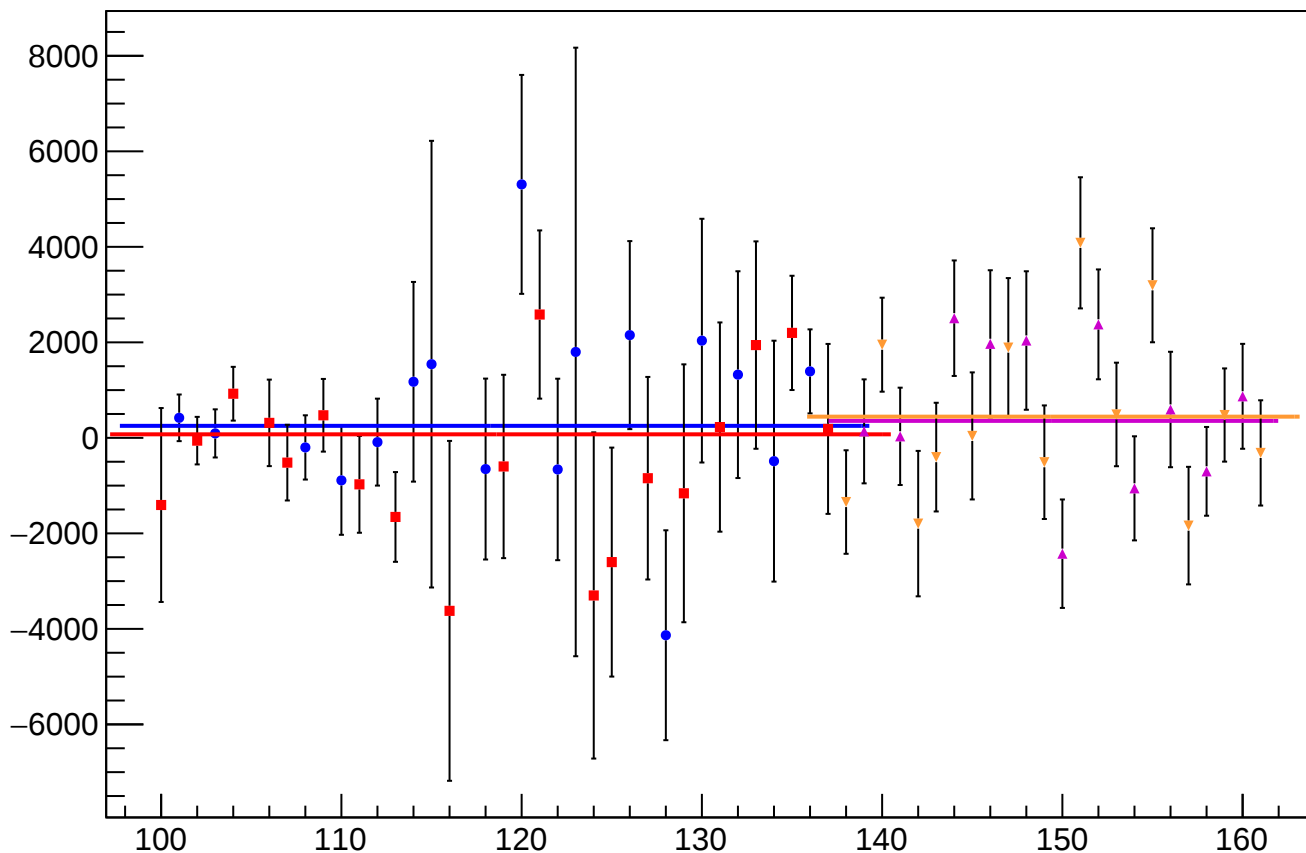
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 139.954+/-0.026 χ^2/NDF : 1713242.2/27

Out: 135.328+/-0.024 χ^2/NDF : 1682379.7/31

All: 137.475+/-0.017 χ^2/NDF : 3413016.8/59

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 444.051+/-325.342 χ^2/NDF : 25.8/12

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 355.606+/-344.412 χ^2/NDF : 18.1/10

Left: 402.345+/-236.506 χ^2/NDF : 43.9/23

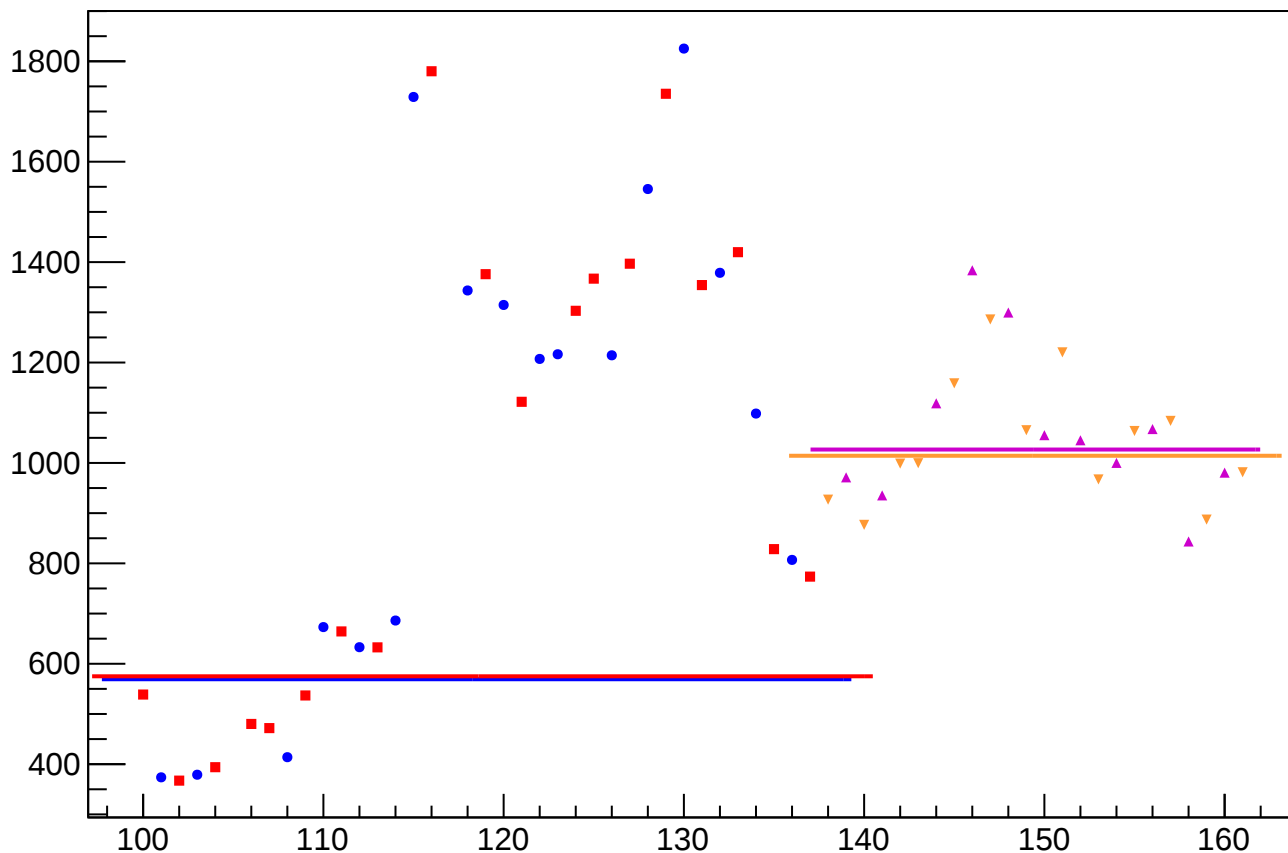
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 288.105+/-203.804 χ^2/NDF : 33.0/27

Out: 207.271+/-195.185 χ^2/NDF : 44.6/31

All: 245.943+/-140.965 χ^2/NDF : 77.7/59

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1014.305 $\pm$ 0.230 χ^2 /NDF: 243712.7/12

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1026.715 $\pm$ 0.244 χ^2 /NDF: 297433.6/10

Left: 1020.157 $\pm$ 0.167 χ^2 /NDF: 542518.5/23

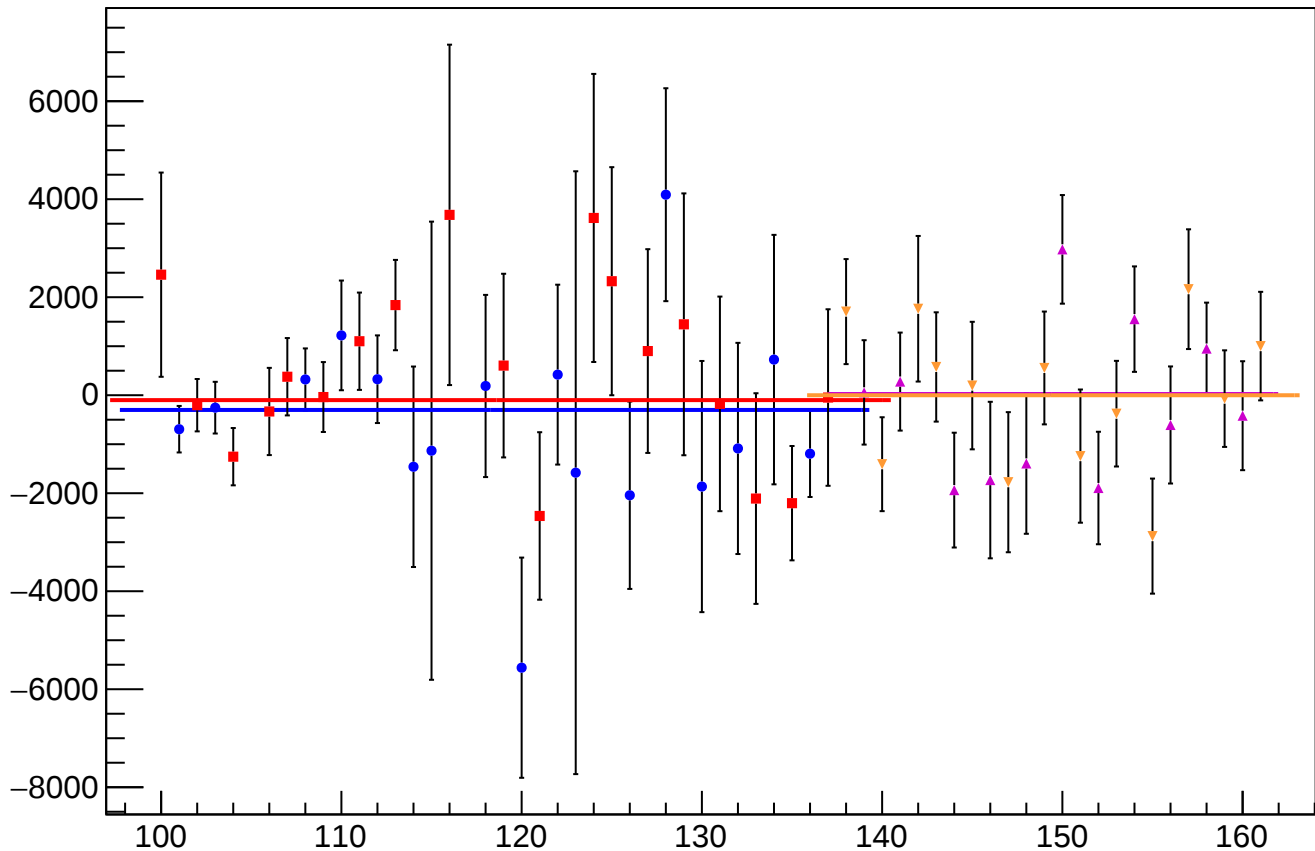
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 729.404 $\pm$ 0.144 χ^2 /NDF: 5857936.1/27

Out: 733.150 $\pm$ 0.138 χ^2 /NDF: 5636148.0/31

All: 731.358 $\pm$ 0.100 χ^2 /NDF: 11494436.4/59

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -0.544 ± 321.199 χ^2/NDF : 19.1/12

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 24.075 ± 341.591 χ^2/NDF : 18.4/10

Left: 11.009 ± 233.999 χ^2/NDF : 37.5/23

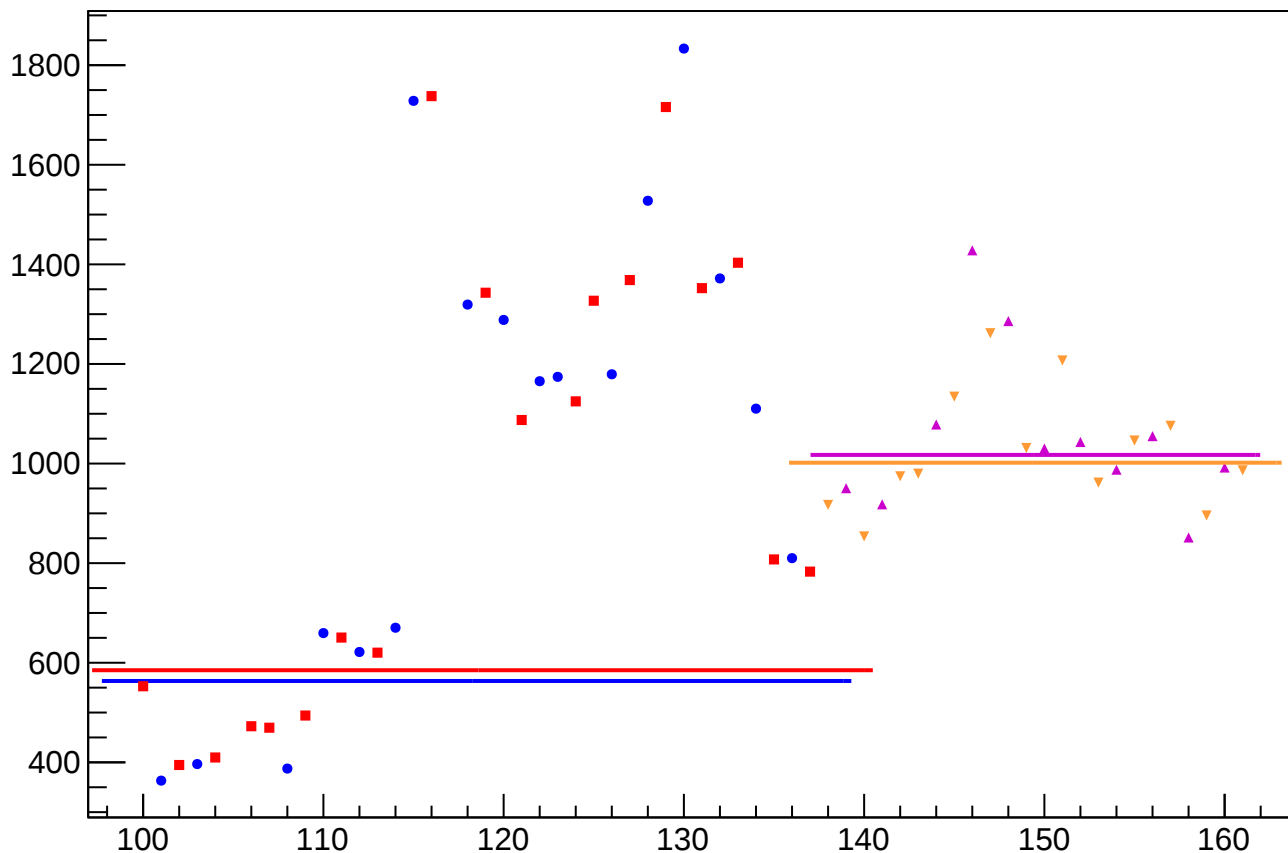
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -187.208 ± 201.901 χ^2/NDF : 35.7/27

Out: -63.204 ± 195.282 χ^2/NDF : 41.5/31

All: -123.140 ± 140.367 χ^2/NDF : 77.4/59

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1001.723 $\pm$ 0.227 χ^2 /NDF: 232049.8/12

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1017.371 $\pm$ 0.242 χ^2 /NDF: 303768.8/10

Left: 1009.066 $\pm$ 0.165 χ^2 /NDF: 538046.2/23

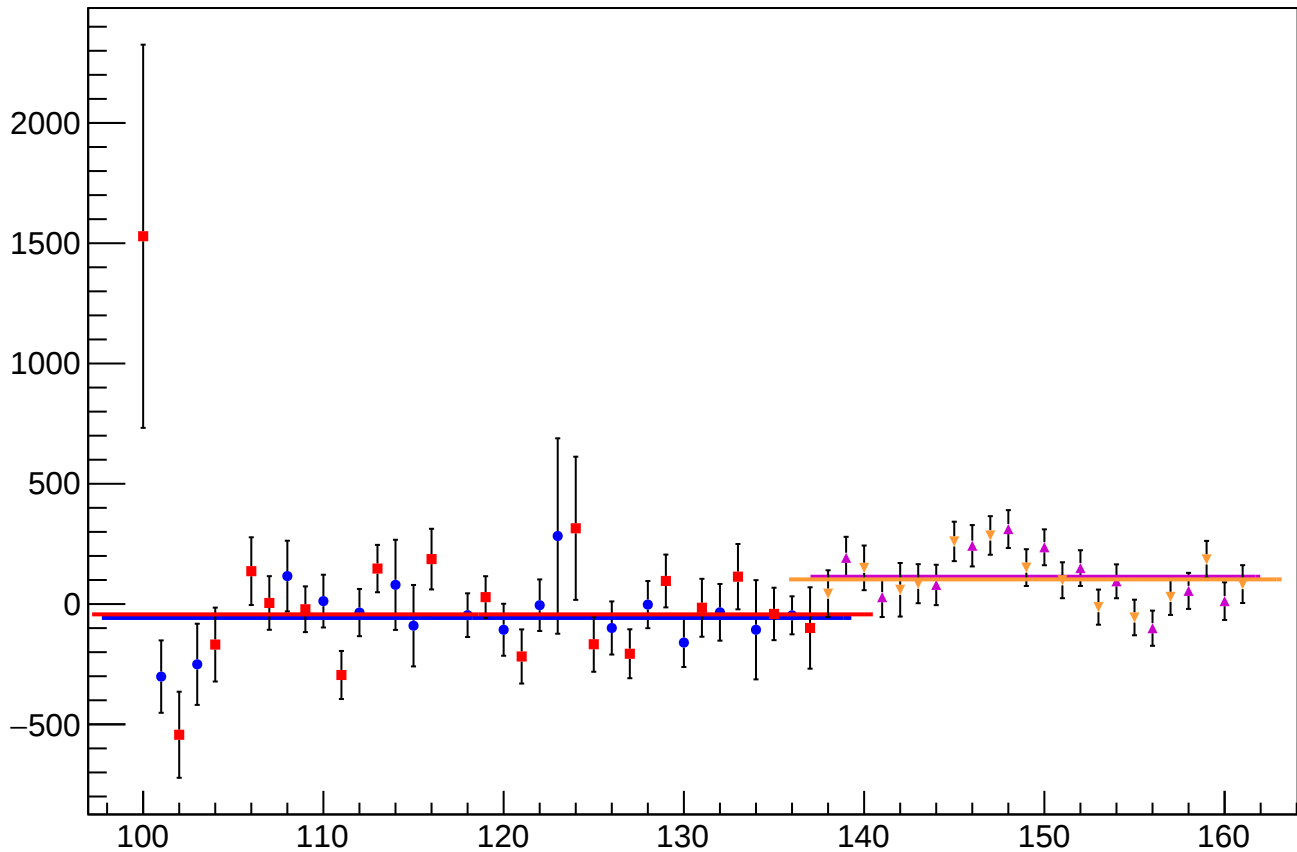
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 721.991 $\pm$ 0.143 χ^2 /NDF: 5861255.3/27

Out: 739.025 $\pm$ 0.138 χ^2 /NDF: 5172948.9/31

All: 730.792 $\pm$ 0.099 χ^2 /NDF: 11041559.2/59

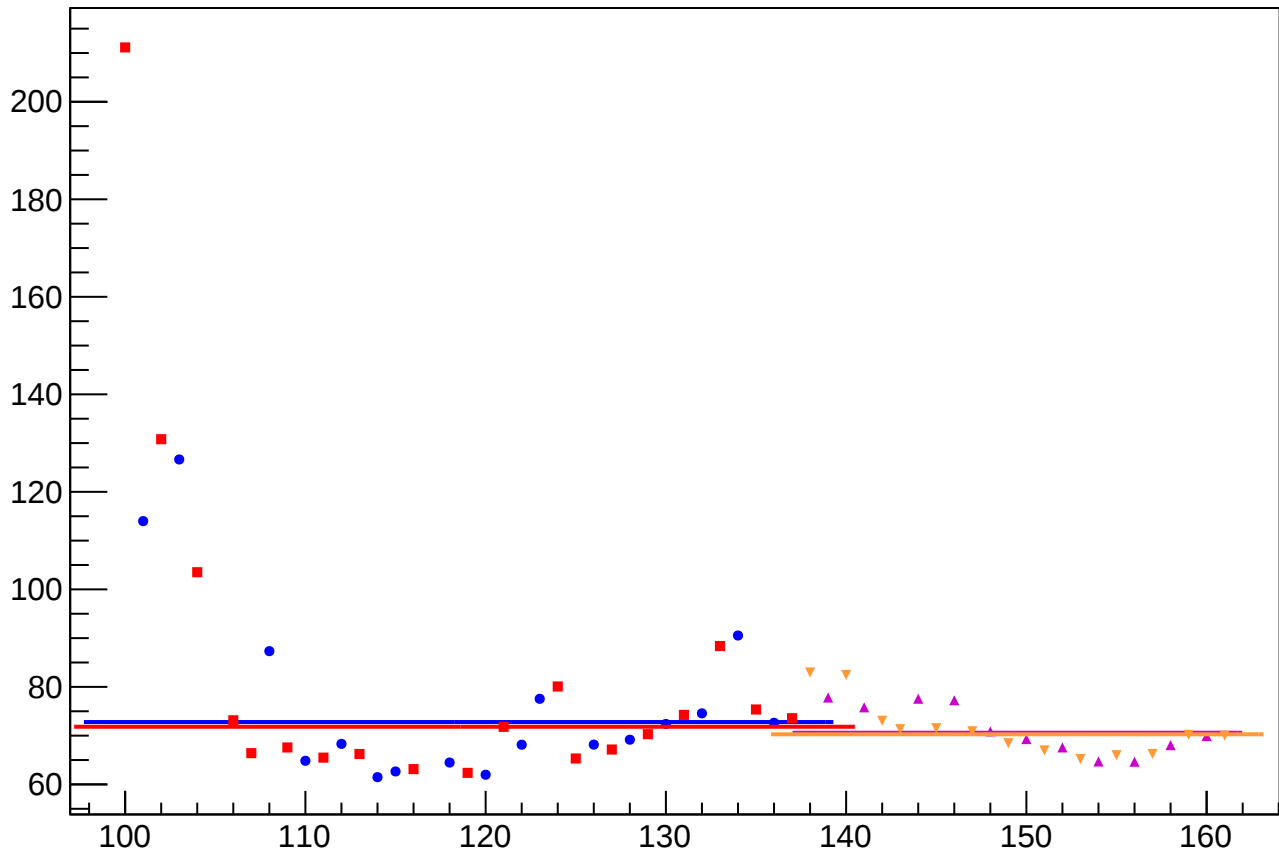
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 102.593 ± 22.433 $\chi^2/\text{NDF}: 19.4/12$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 113.637 ± 23.523 $\chi^2/\text{NDF}: 24.5/10$

Left: 107.853 ± 16.234 $\chi^2/\text{NDF}: 44.0/23$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 44.765 ± 18.191 $\chi^2/\text{NDF}: 54.9/27$
 Out: 44.994 ± 17.432 $\chi^2/\text{NDF}: 75.1/31$
 All: 44.884 ± 12.586 $\chi^2/\text{NDF}: 130.0/59$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.275 $\pm$ 0.016 χ^2 /NDF: 97801.1/12

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 70.600 $\pm$ 0.017 χ^2 /NDF: 81043.1/10

Left: 70.430 $\pm$ 0.011 χ^2 /NDF: 179044.4/23

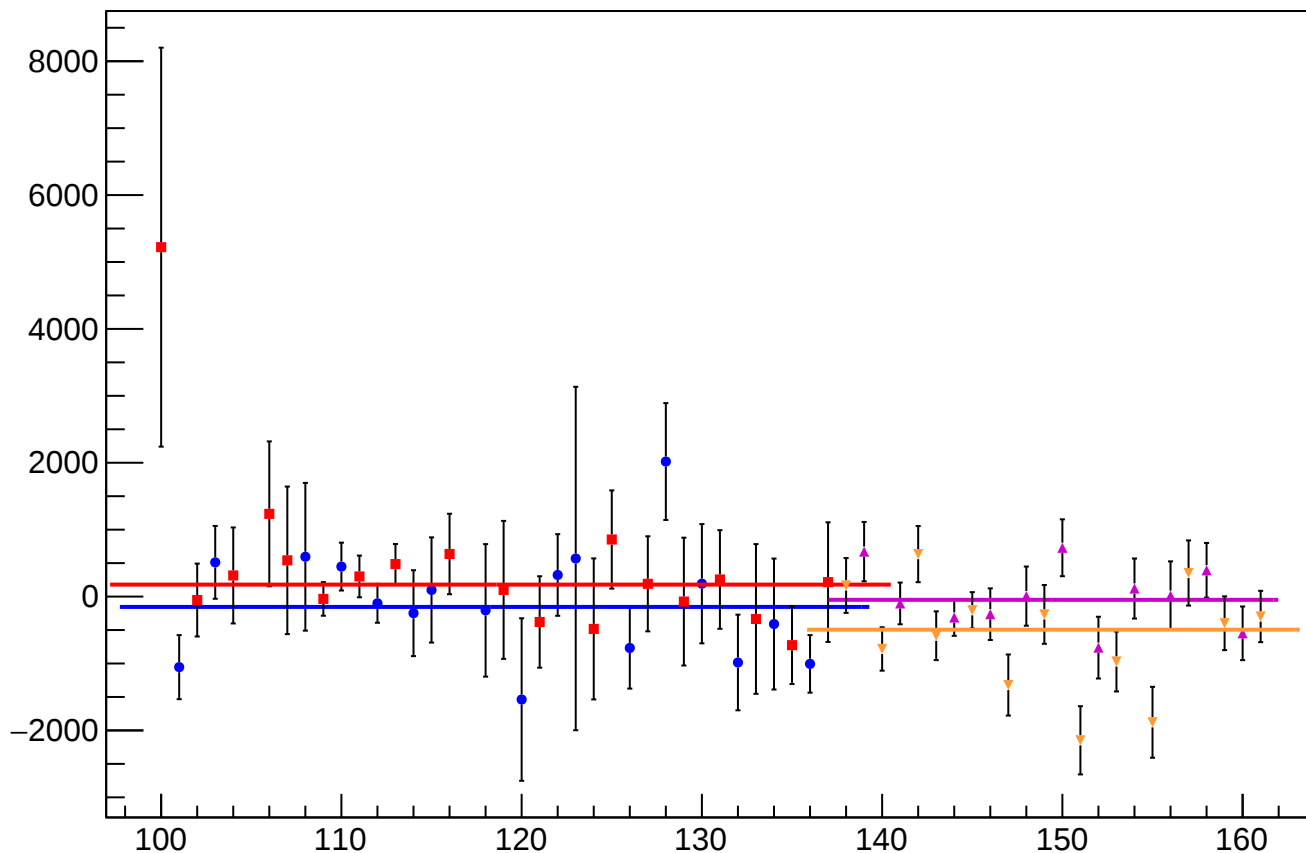
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 71.480 $\pm$ 0.013 χ^2 /NDF: 552782.4/27

Out: 70.889 $\pm$ 0.012 χ^2 /NDF: 567233.3/31

All: 71.172 $\pm$ 0.009 χ^2 /NDF: 1121118.6/59

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -494.943 ± 110.498 $\chi^2/\text{NDF}: 37.2/12$

Right Out: 179.068 ± 126.107 $\chi^2/\text{NDF}: 11.3/18$

Left In: -48.464 ± 118.102 $\chi^2/\text{NDF}: 12.5/10$

Left: -286.539 ± 80.688 $\chi^2/\text{NDF}: 57.4/23$

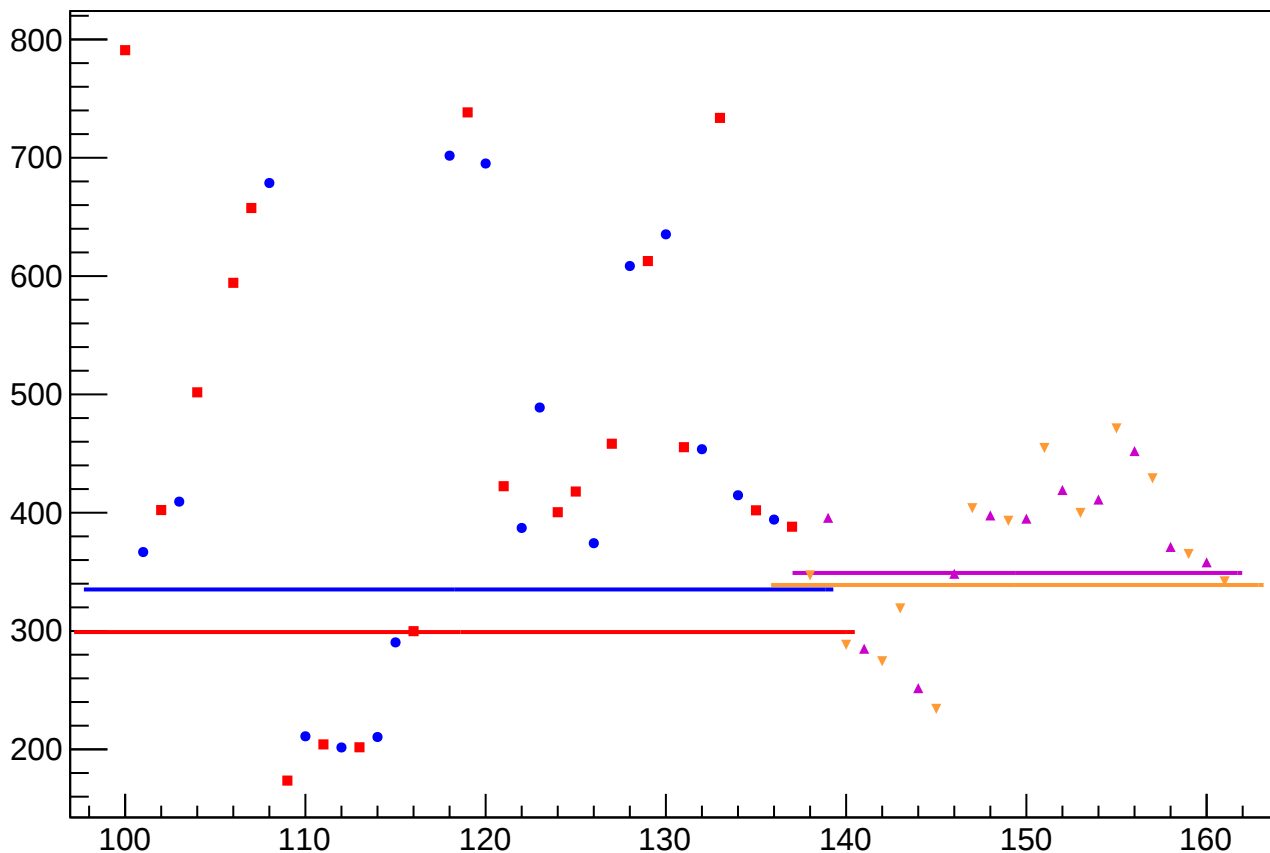
Right: 30.517 ± 93.908 $\chi^2/\text{NDF}: 37.6/35$

In: -92.253 ± 90.458 $\chi^2/\text{NDF}: 36.1/27$

Out: -202.212 ± 83.108 $\chi^2/\text{NDF}: 64.6/31$

All: -151.881 ± 61.200 $\chi^2/\text{NDF}: 101.5/59$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.914+/-0.078 χ^2/NDF : 815024.6/12

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 349.091+/-0.084 χ^2/NDF : 577855.5/10

Left: 343.664+/-0.057 χ^2/NDF : 1400799.8/23

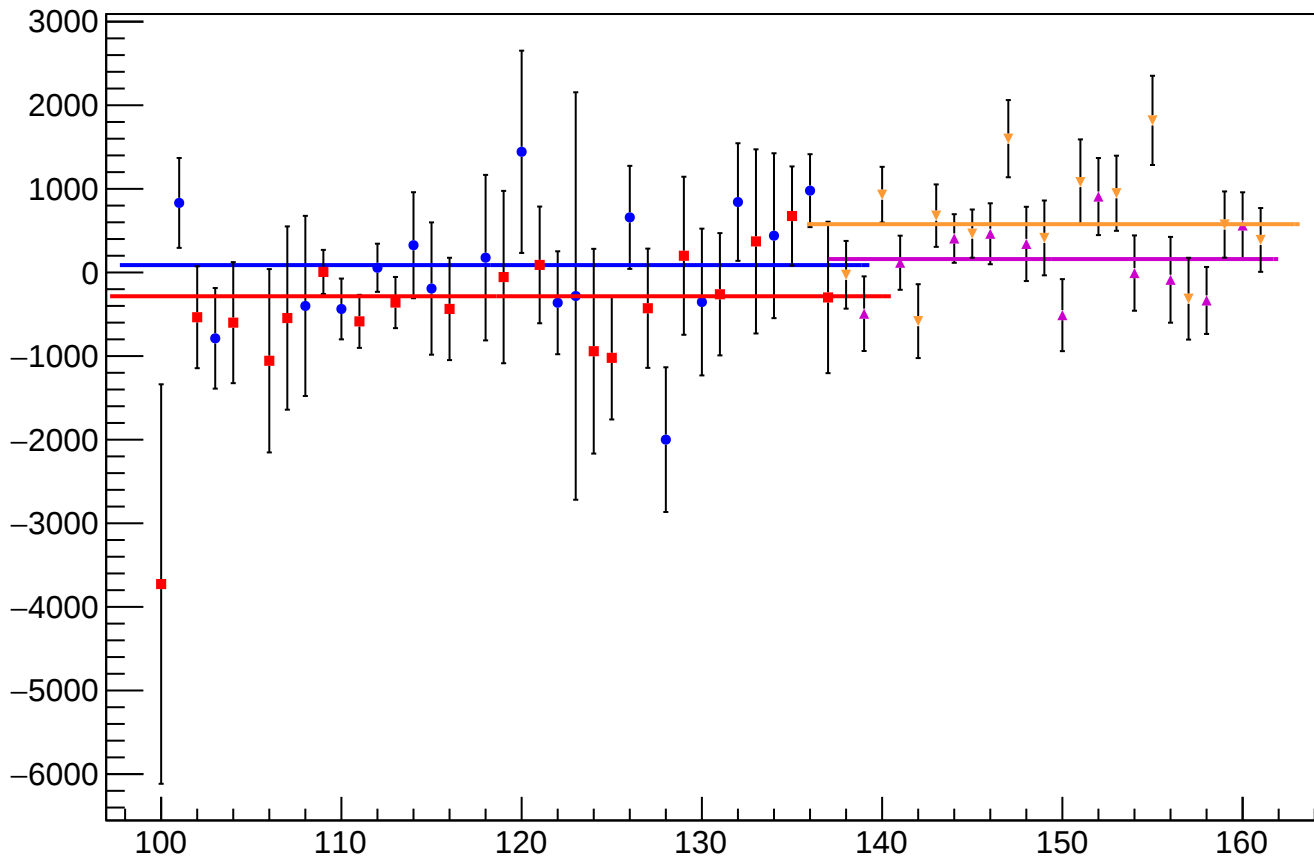
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 343.322+/-0.064 χ^2/NDF : 2583445.6/27

Out: 321.637+/-0.059 χ^2/NDF : 3758684.0/31

All: 331.563+/-0.043 χ^2/NDF : 6404454.7/59

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 577.357 $\pm$ 112.613 χ^2 /NDF:26.1/12

Right Out: -284.510 $\pm$ 129.675 χ^2 /NDF: 10.1/18

Left In: 160.365 $\pm$ 119.192 χ^2 /NDF:11.7/10

Left: 380.686 $\pm$ 81.856 χ^2 /NDF: 44.3/23

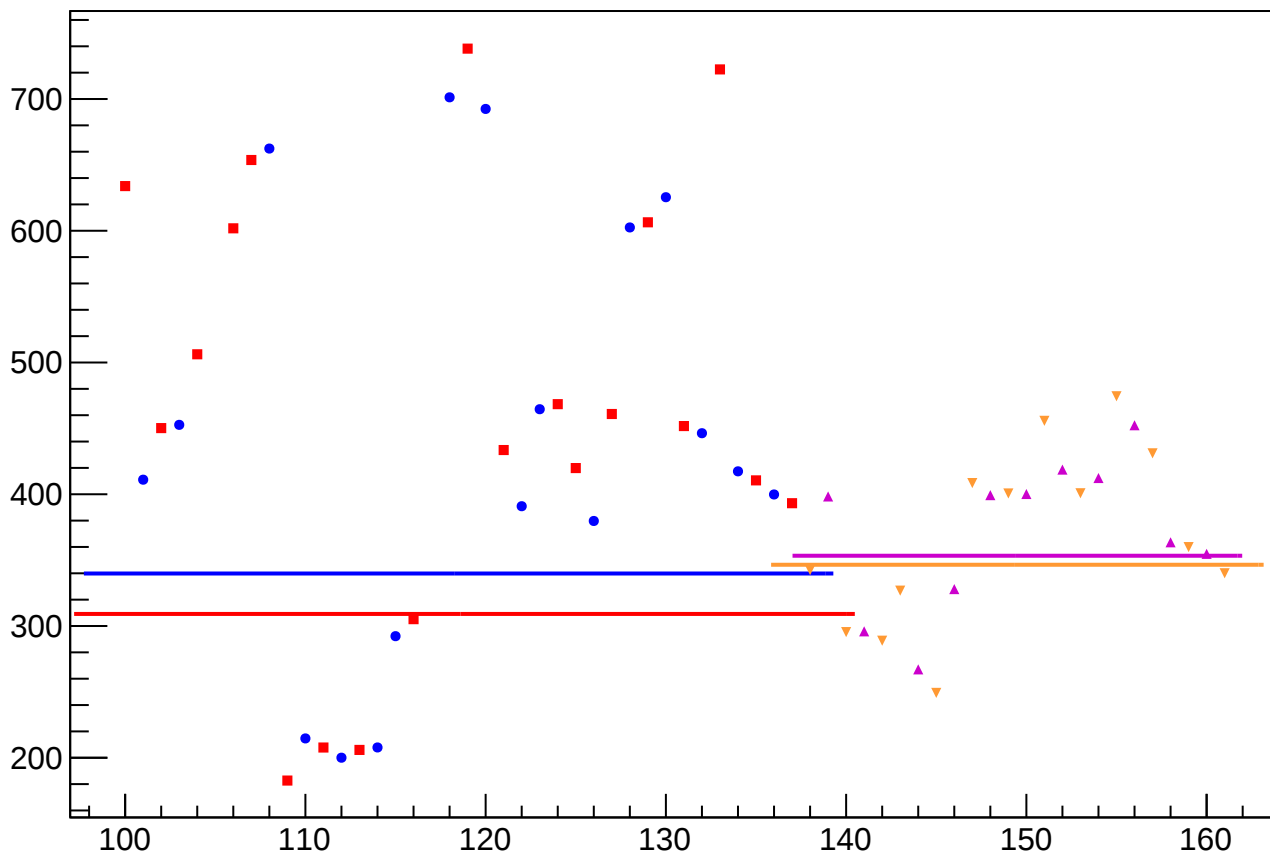
Right: -116.387 $\pm$ 96.066 χ^2 /NDF: 34.7/35

In: 130.751 $\pm$ 91.563 χ^2 /NDF:32.7/27

Out: 206.817 $\pm$ 85.026 χ^2 /NDF:61.5/31

All: 171.596 $\pm$ 62.305 χ^2 /NDF: 94.5/59

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 346.488 ± 0.080 $\chi^2/\text{NDF}: 678093.3/12$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 353.333 ± 0.084 $\chi^2/\text{NDF}: 464468.2/10$

Left: 349.716 ± 0.058 $\chi^2/\text{NDF}: 1146046.8/23$

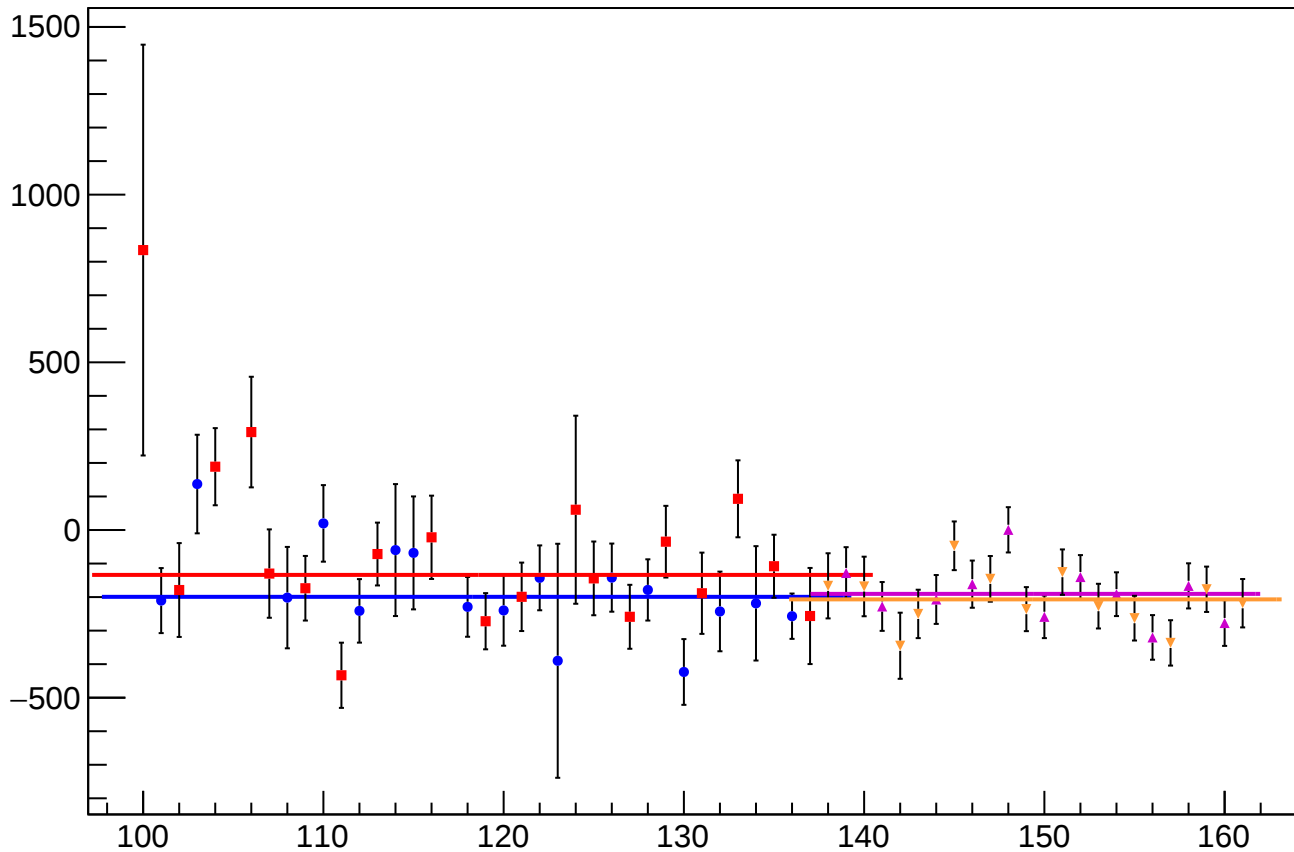
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 347.807 ± 0.065 $\chi^2/\text{NDF}: 2518481.1/27$

Out: 330.439 ± 0.060 $\chi^2/\text{NDF}: 3508464.3/31$

All: 338.481 ± 0.044 $\chi^2/\text{NDF}: 6065583.8/59$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -206.850 ± 20.149 $\chi^2/\text{NDF}: 14.7/12$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -190.413 ± 20.647 $\chi^2/\text{NDF}: 16.4/10$

Left: -198.833 ± 14.420 $\chi^2/\text{NDF}: 31.5/23$

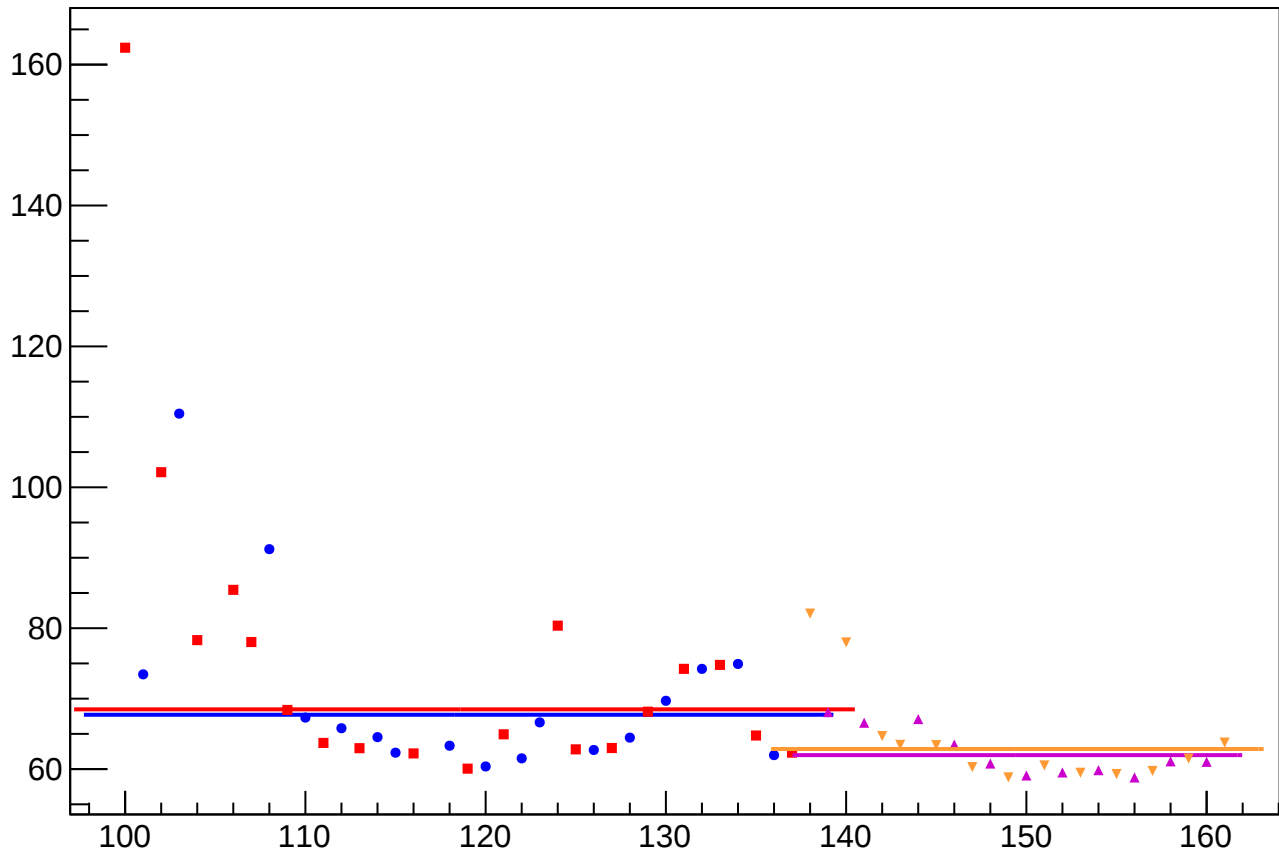
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -193.750 ± 16.291 $\chi^2/\text{NDF}: 34.1/27$

Out: -179.755 ± 15.978 $\chi^2/\text{NDF}: 58.7/31$

All: -186.617 ± 11.407 $\chi^2/\text{NDF}: 93.2/59$

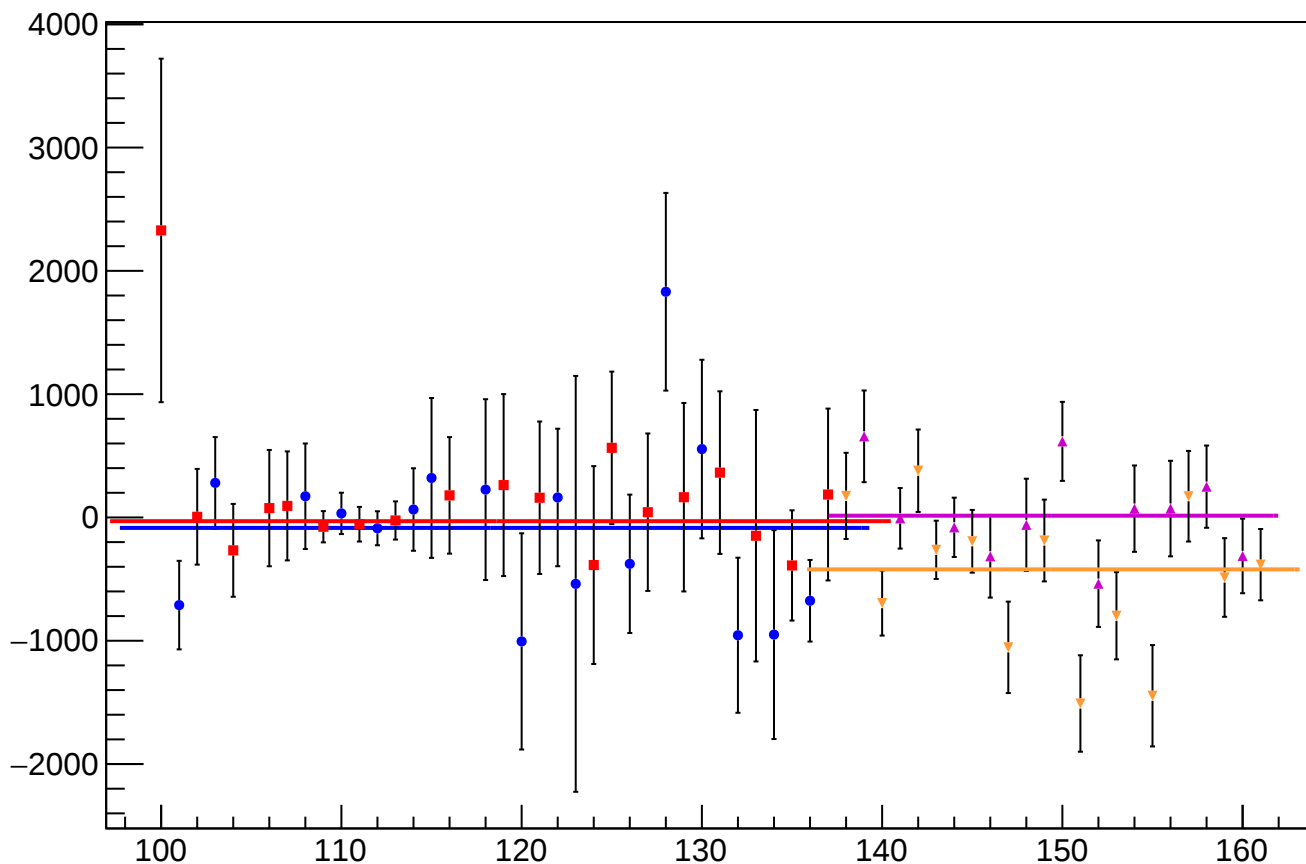
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 +/- 0.019 χ^2/NDF : 282892.5/16
 Left Out: 62.854 +/- 0.014 χ^2/NDF : 166231.6/12
 Right Out: 68.481 +/- 0.019 χ^2/NDF : 281423.4/18
 Left In: 61.983 +/- 0.015 χ^2/NDF : 46382.3/10

Left: 62.429 +/- 0.010 χ^2/NDF : 214436.6/23
 Right: 68.102 +/- 0.013 χ^2/NDF : 565158.7/35
 In: 64.147 +/- 0.012 χ^2/NDF : 387459.5/27
 Out: 64.943 +/- 0.011 χ^2/NDF : 505538.3/31
 All: 64.553 +/- 0.008 χ^2/NDF : 895427.9/59

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -421.088 ± 87.393 χ^2/NDF : 32.1/12

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 14.275 ± 95.452 χ^2/NDF : 11.9/10

Left: -222.560 ± 64.457 χ^2/NDF : 55.3/23

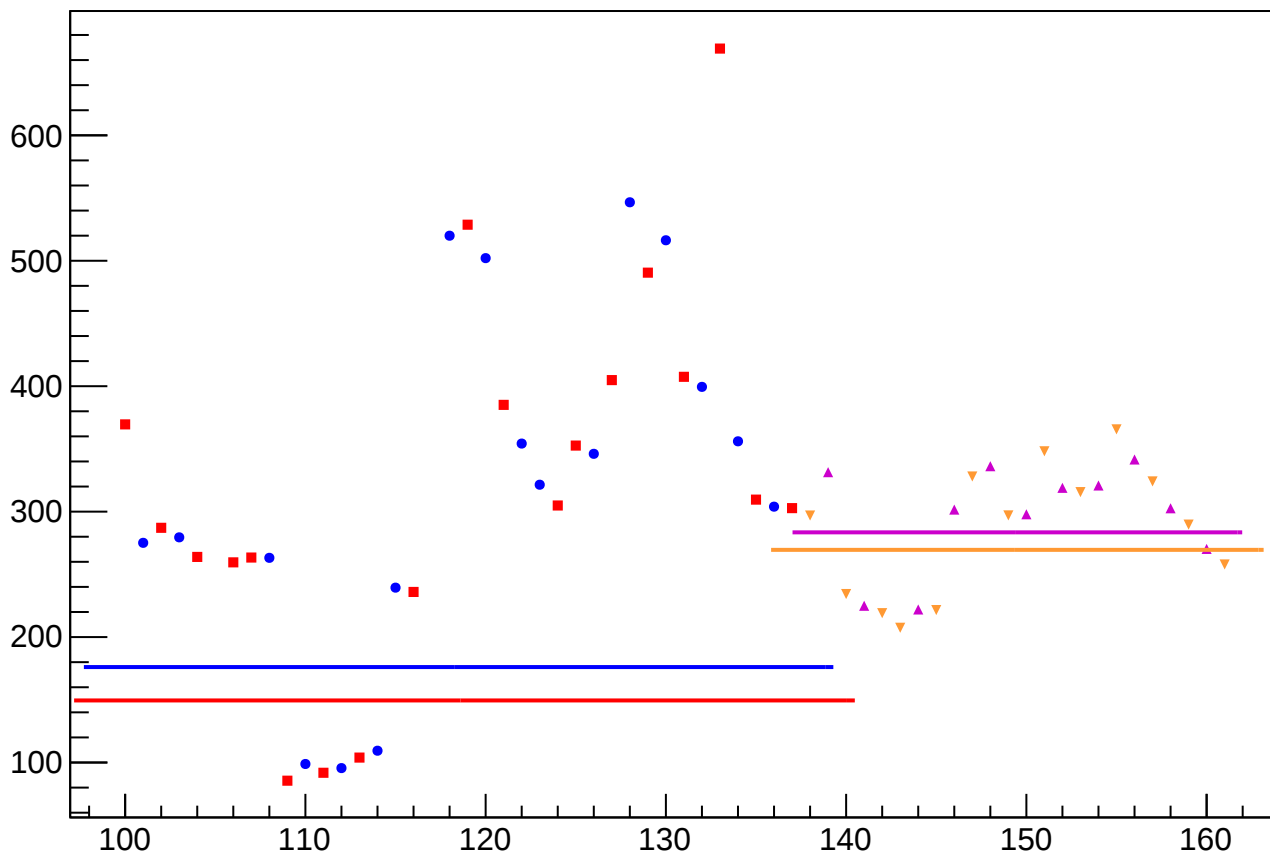
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -42.314 ± 62.490 χ^2/NDF : 32.4/27

Out: -182.084 ± 54.474 χ^2/NDF : 50.7/31

All: -121.733 ± 41.062 χ^2/NDF : 85.9/59

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.532+/-0.062 χ^2/NDF : 645666.9/12

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 283.488+/-0.067 χ^2/NDF : 425922.0/10

Left: 275.896+/-0.046 χ^2/NDF : 1094847.2/23

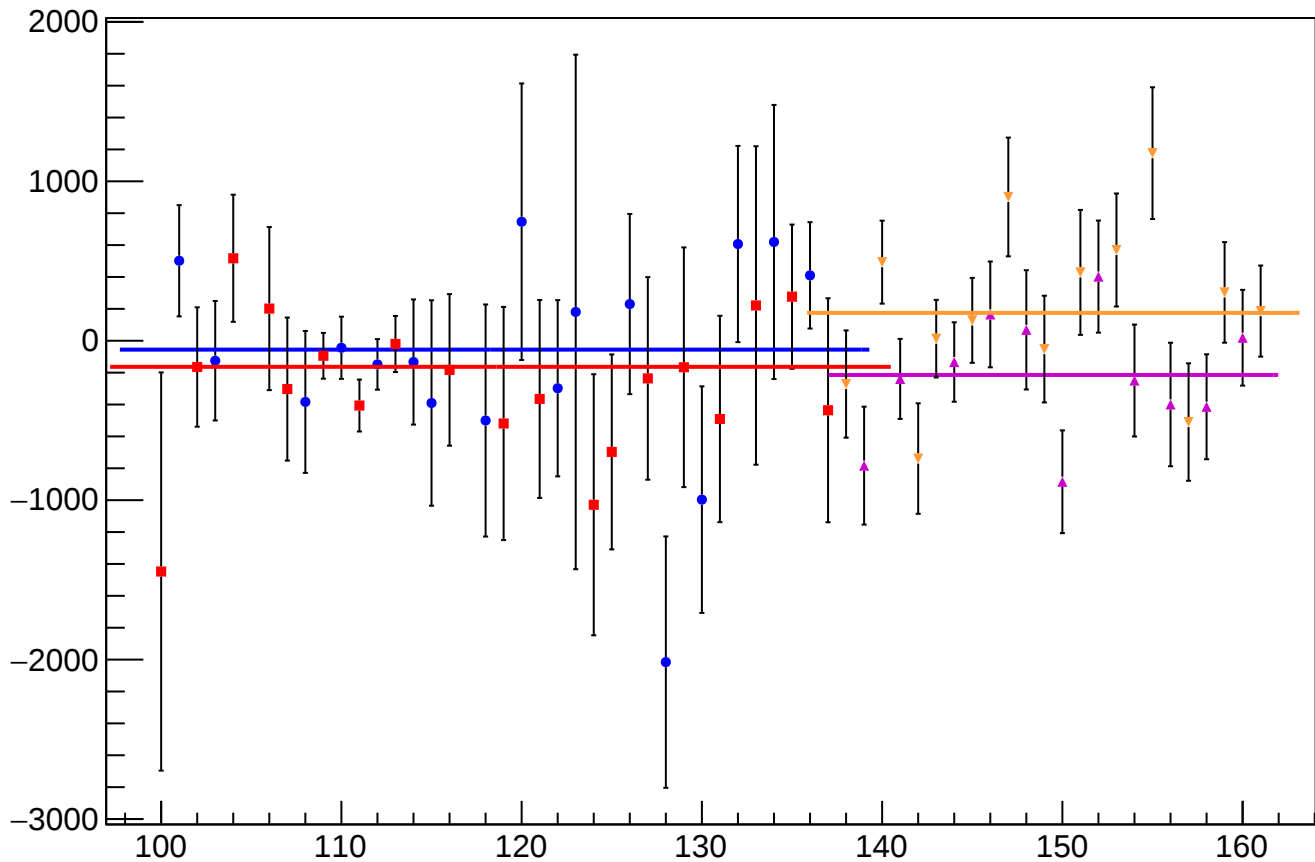
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 222.124+/-0.044 χ^2/NDF : 6096173.7/27

Out: 196.126+/-0.039 χ^2/NDF : 7774291.7/31

All: 207.352+/-0.029 χ^2/NDF : 14067154.5/59

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 174.903 ± 88.011 χ^2/NDF : 26.1/12

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -214.592 ± 96.069 χ^2/NDF : 13.0/10

Left: -2.826 ± 64.895 χ^2/NDF : 48.0/23

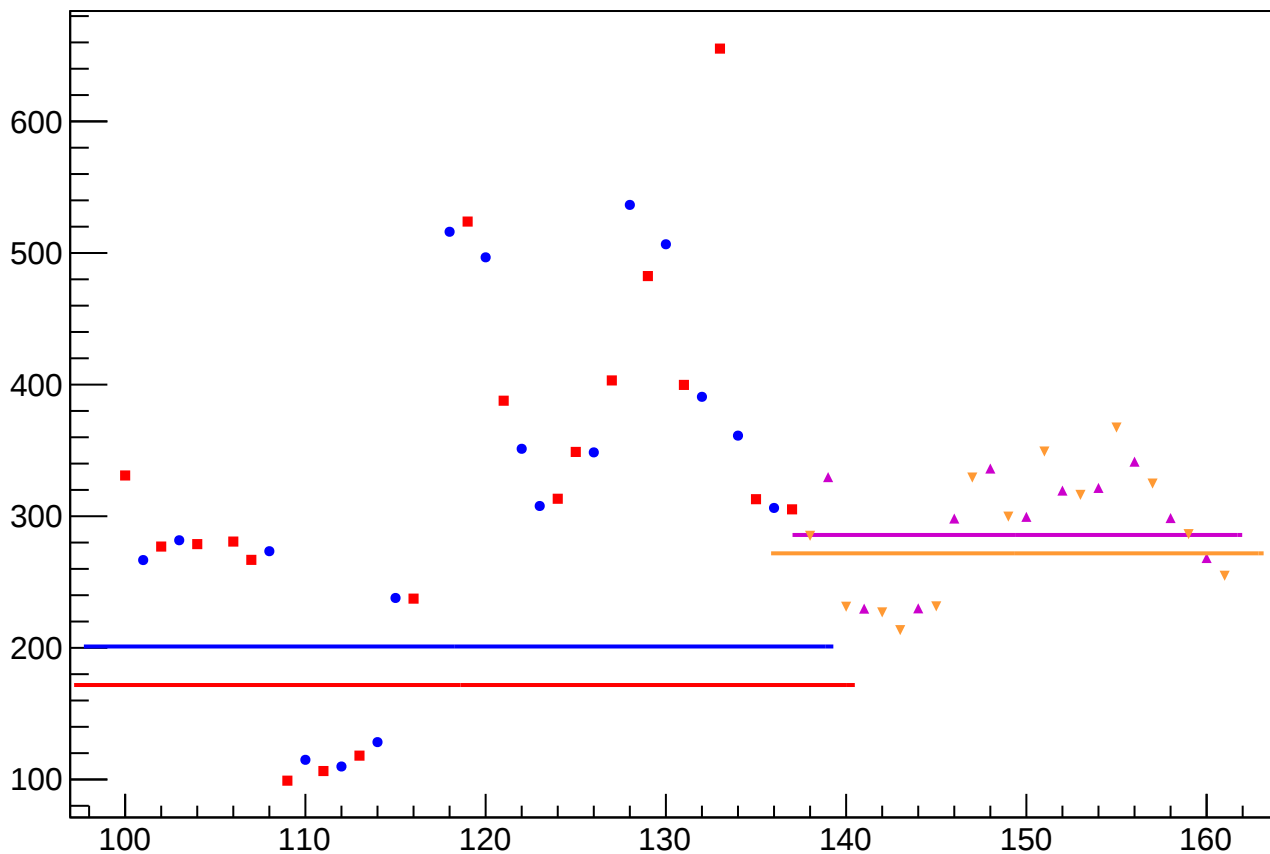
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -130.483 ± 65.902 χ^2/NDF : 31.6/27

Out: -16.976 ± 57.920 χ^2/NDF : 45.9/31

All: -66.443 ± 43.505 χ^2/NDF : 79.2/59

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 ± 0.064 $\chi^2/\text{NDF}: 3433026.4/16$

Left Out: 271.813 ± 0.062 $\chi^2/\text{NDF}: 577212.7/12$

Right Out: 171.765 ± 0.054 $\chi^2/\text{NDF}: 4098218.1/18$

Left In: 285.777 ± 0.068 $\chi^2/\text{NDF}: 361104.7/10$

Left: 278.185 ± 0.046 $\chi^2/\text{NDF}: 961289.7/23$

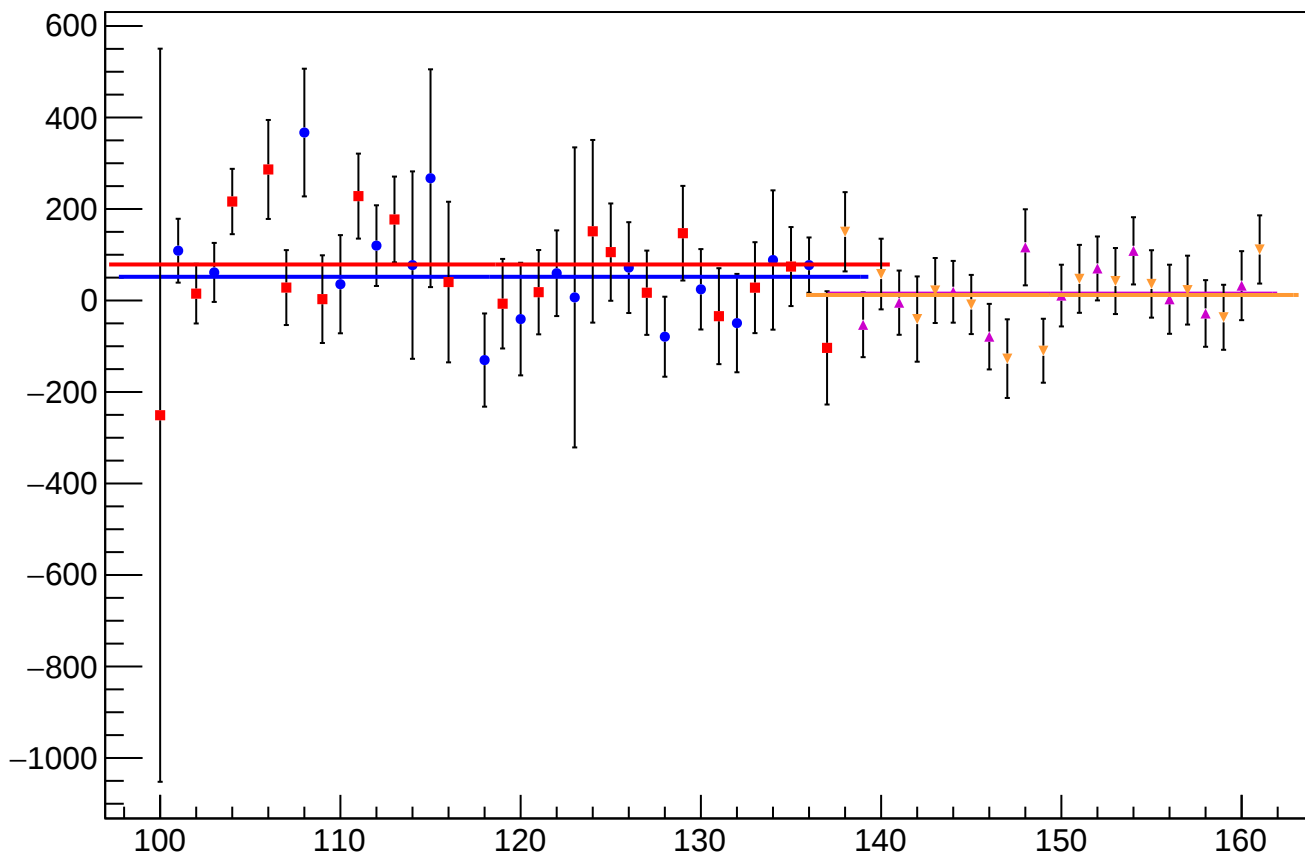
Right: 184.032 ± 0.041 $\chi^2/\text{NDF}: 7652597.2/35$

In: 240.913 ± 0.047 $\chi^2/\text{NDF}: 4617983.0/27$

Out: 215.096 ± 0.041 $\chi^2/\text{NDF}: 6140593.7/31$

All: 226.347 ± 0.031 $\chi^2/\text{NDF}: 10931753.6/59$

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: 12.071 $\pm$ 20.829 χ^2 /NDF:11.8/12

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 15.007 $\pm$ 21.764 χ^2 /NDF:6.9/10

Left: 13.475 $\pm$ 15.048 χ^2 /NDF: 18.7/23

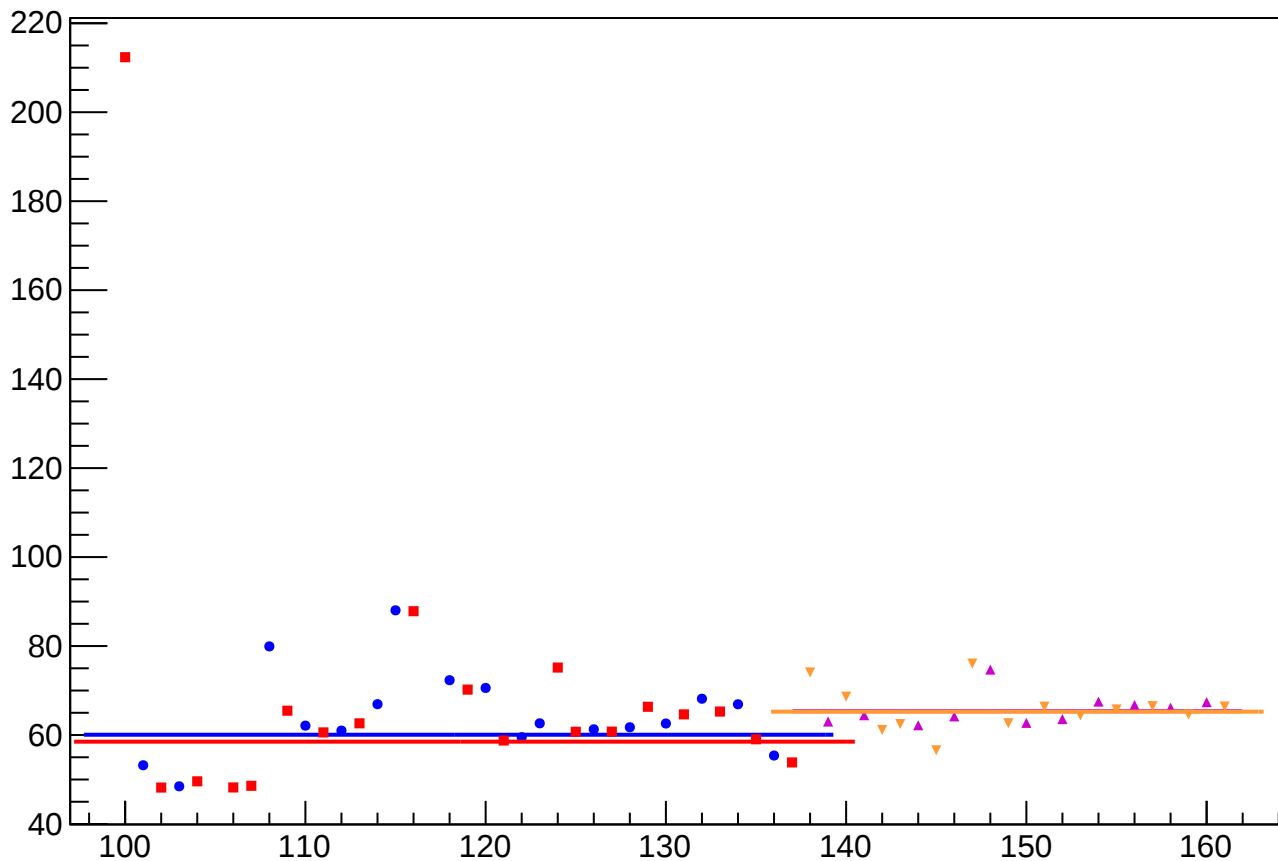
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 31.965 $\pm$ 15.980 χ^2 /NDF:22.7/27

Out: 42.857 $\pm$ 15.282 χ^2 /NDF:35.7/31

All: 37.654 $\pm$ 11.045 χ^2 /NDF: 58.6/59

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 65.251 ± 0.015 $\chi^2/\text{NDF}: 104003.6/12$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 65.359 ± 0.015 $\chi^2/\text{NDF}: 41149.1/10$

Left: 65.302 ± 0.011 $\chi^2/\text{NDF}: 145178.2/23$

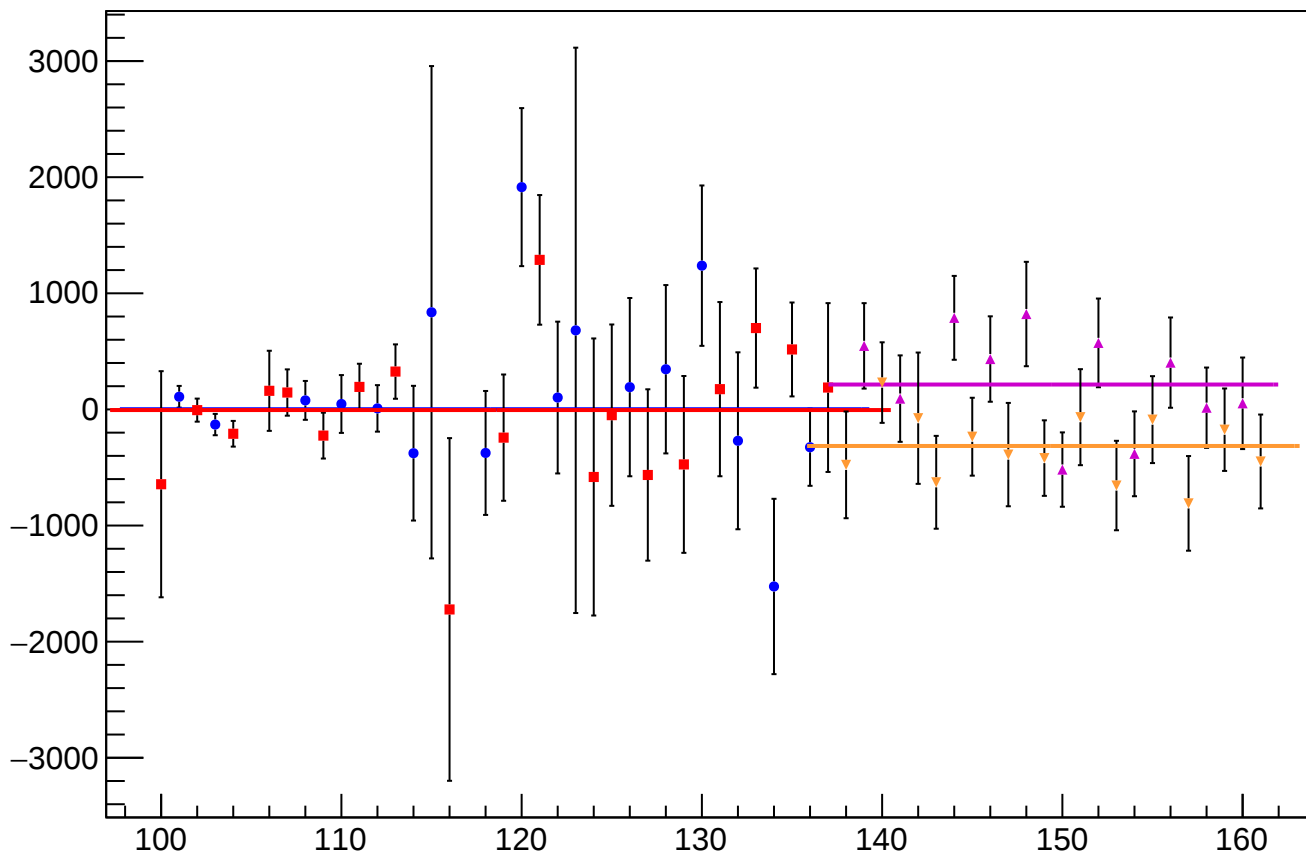
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 62.919 ± 0.011 $\chi^2/\text{NDF}: 324773.3/27$

Out: 62.138 ± 0.011 $\chi^2/\text{NDF}: 549594.6/31$

All: 62.511 ± 0.008 $\chi^2/\text{NDF}: 876863.8/59$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -314.758 ± 108.066 χ^2/NDF : 6.8/12

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 214.396 ± 111.723 χ^2/NDF : 15.1/10

Left: -58.982 ± 77.675 χ^2/NDF : 33.6/23

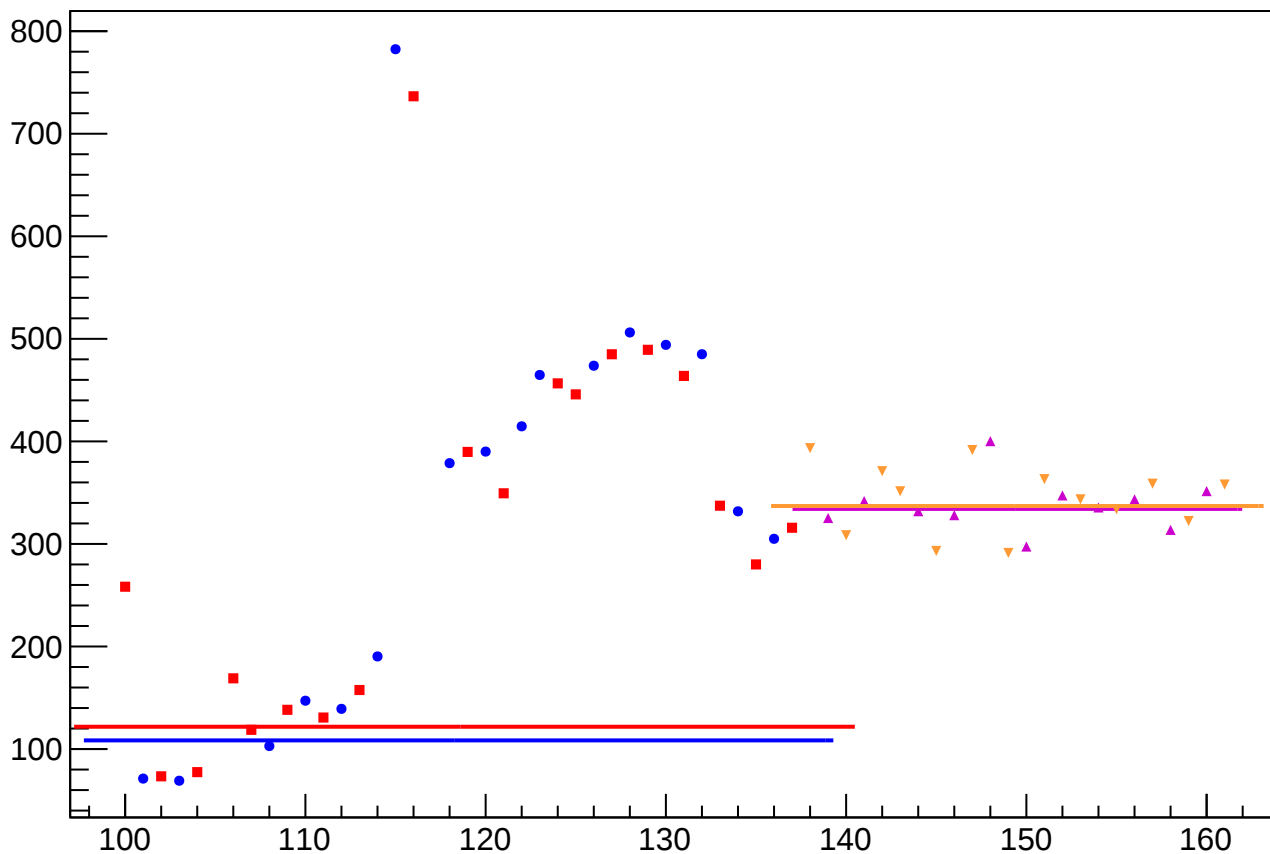
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 42.226 ± 48.826 χ^2/NDF : 39.5/27

Out: -71.840 ± 50.081 χ^2/NDF : 33.9/31

All: -13.360 ± 34.960 χ^2/NDF : 76.1/59

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 ± 0.038 $\chi^2/\text{NDF}: 5404107.9/16$

Left Out: 336.978 ± 0.076 $\chi^2/\text{NDF}: 180434.4/12$

Right Out: 121.765 ± 0.040 $\chi^2/\text{NDF}: 4771024.2/18$

Left In: 334.165 ± 0.079 $\chi^2/\text{NDF}: 86527.5/10$

Left: 335.618 ± 0.055 $\chi^2/\text{NDF}: 267616.8/23$

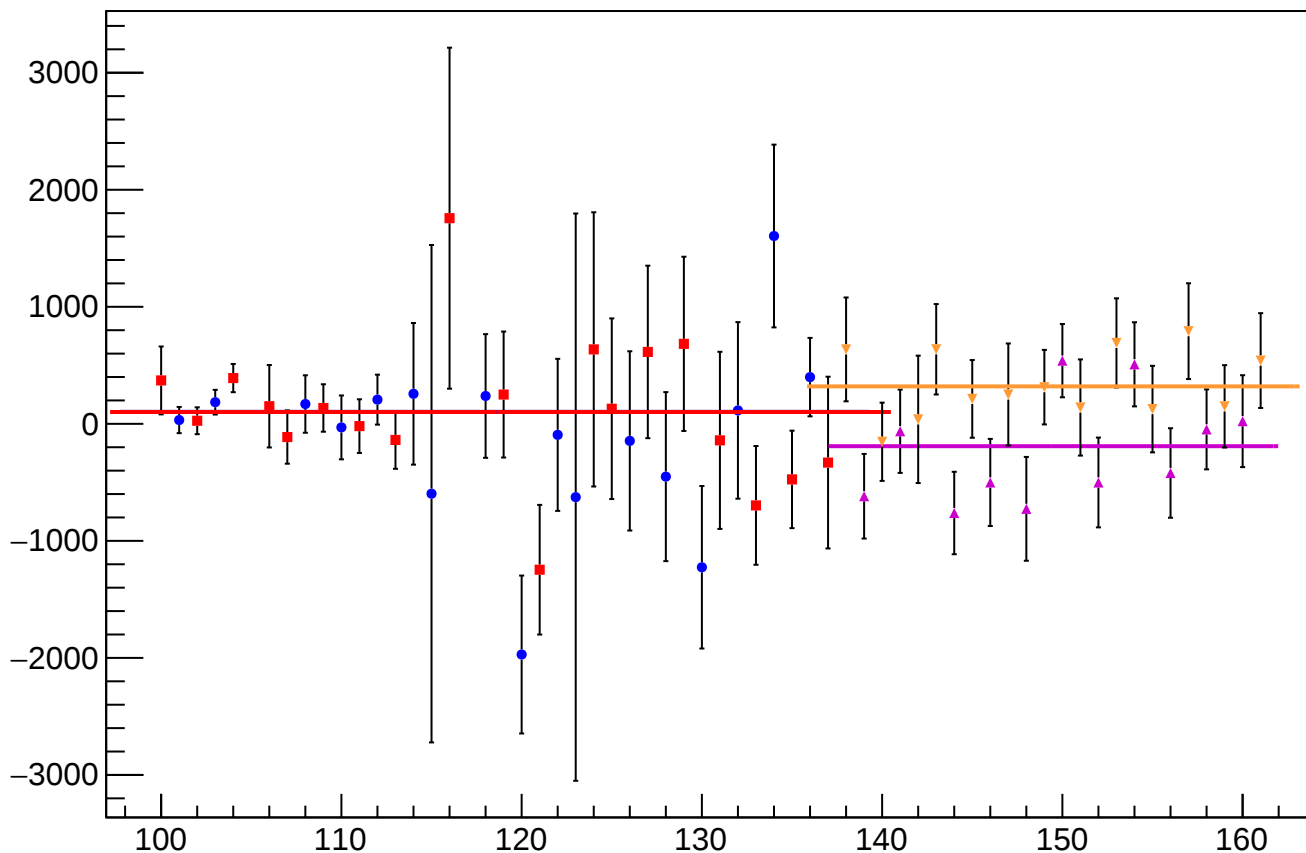
Right: 114.837 ± 0.028 $\chi^2/\text{NDF}: 10232914.9/35$

In: 151.556 ± 0.035 $\chi^2/\text{NDF}: 12095126.3/27$

Out: 167.985 ± 0.035 $\chi^2/\text{NDF}: 11180005.6/31$

All: 159.562 ± 0.025 $\chi^2/\text{NDF}: 23385484.0/59$

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 319.977 $\pm$ 106.247 χ^2 /NDF:6.9/12

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -191.035 $\pm$ 110.066 χ^2 /NDF:17.0/10

Left: 73.490 $\pm$ 76.443 χ^2 /NDF: 35.1/23

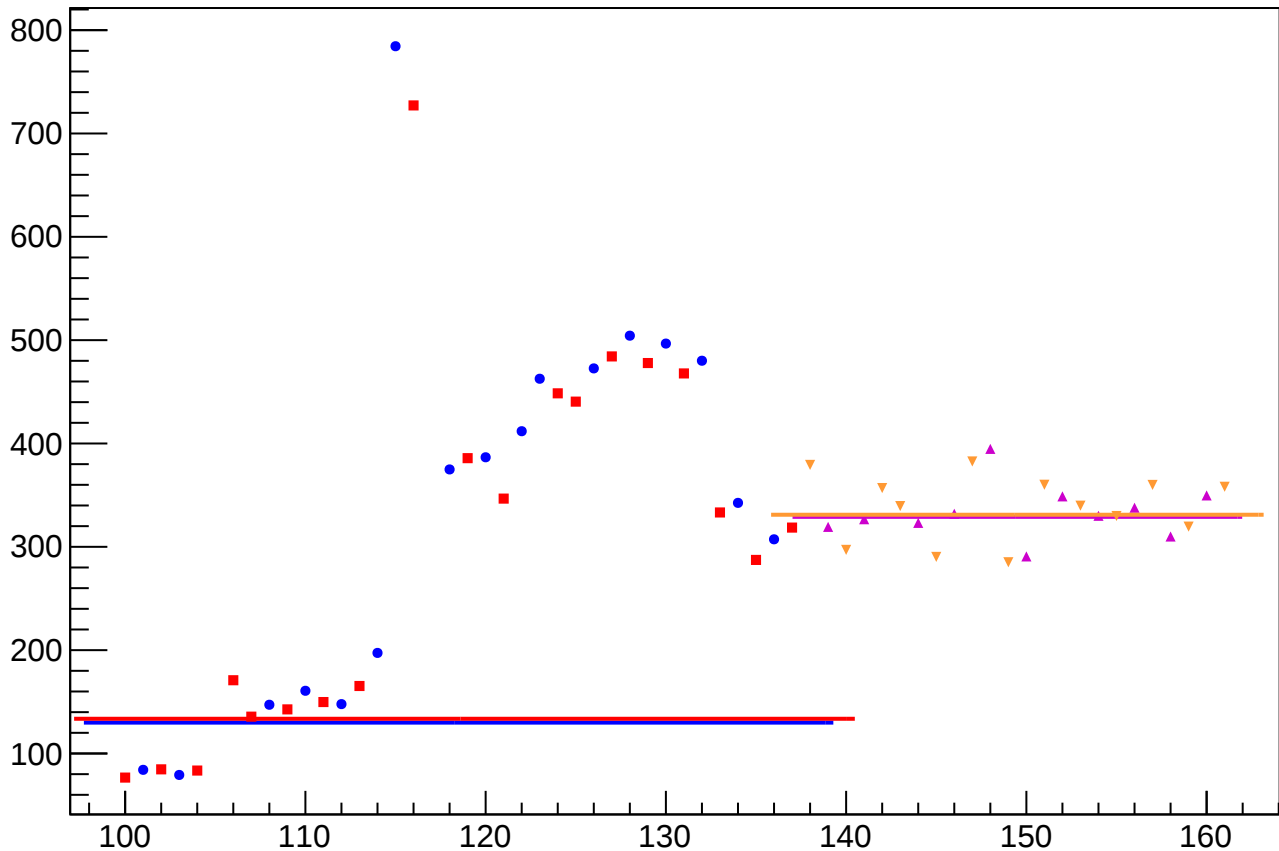
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 29.632 $\pm$ 54.760 χ^2 /NDF:42.6/27

Out: 155.267 $\pm$ 52.800 χ^2 /NDF:32.7/31

All: 94.738 $\pm$ 38.009 χ^2 /NDF: 78.1/59

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 331.046+/-0.075 χ^2/NDF : 181796.6/12

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 329.011+/-0.078 χ^2/NDF : 94343.0/10

Left: 330.064+/-0.054 χ^2/NDF : 276493.6/23

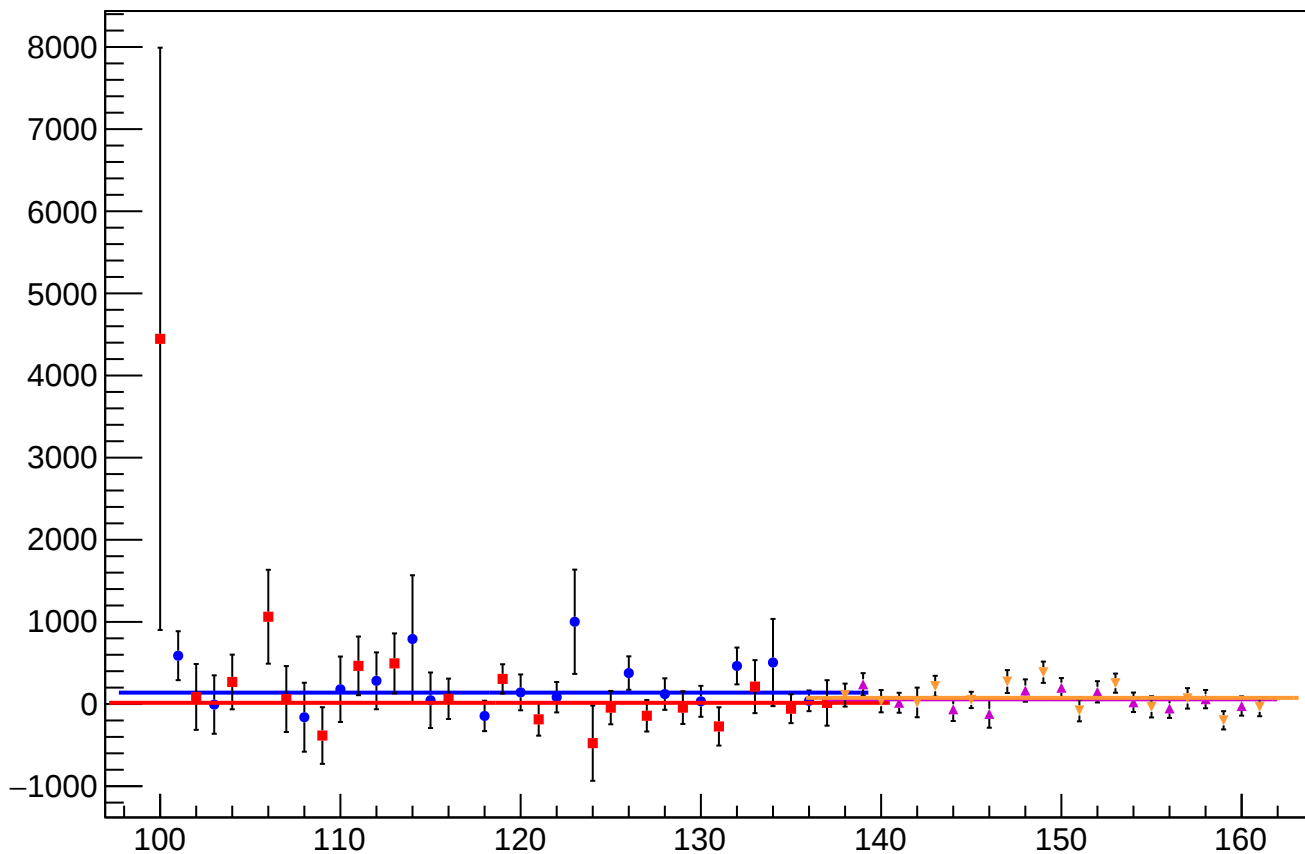
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 179.173+/-0.039 χ^2/NDF : 9849649.5/27

Out: 182.366+/-0.037 χ^2/NDF : 9746170.7/31

All: 180.828+/-0.027 χ^2/NDF : 19599343.8/59

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: 75.237 $\pm$ 34.850 χ^2 /NDF:20.8/12

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 57.379 $\pm$ 38.041 χ^2 /NDF:7.8/10

Left: 67.089 $\pm$ 25.697 χ^2 /NDF: 28.7/23

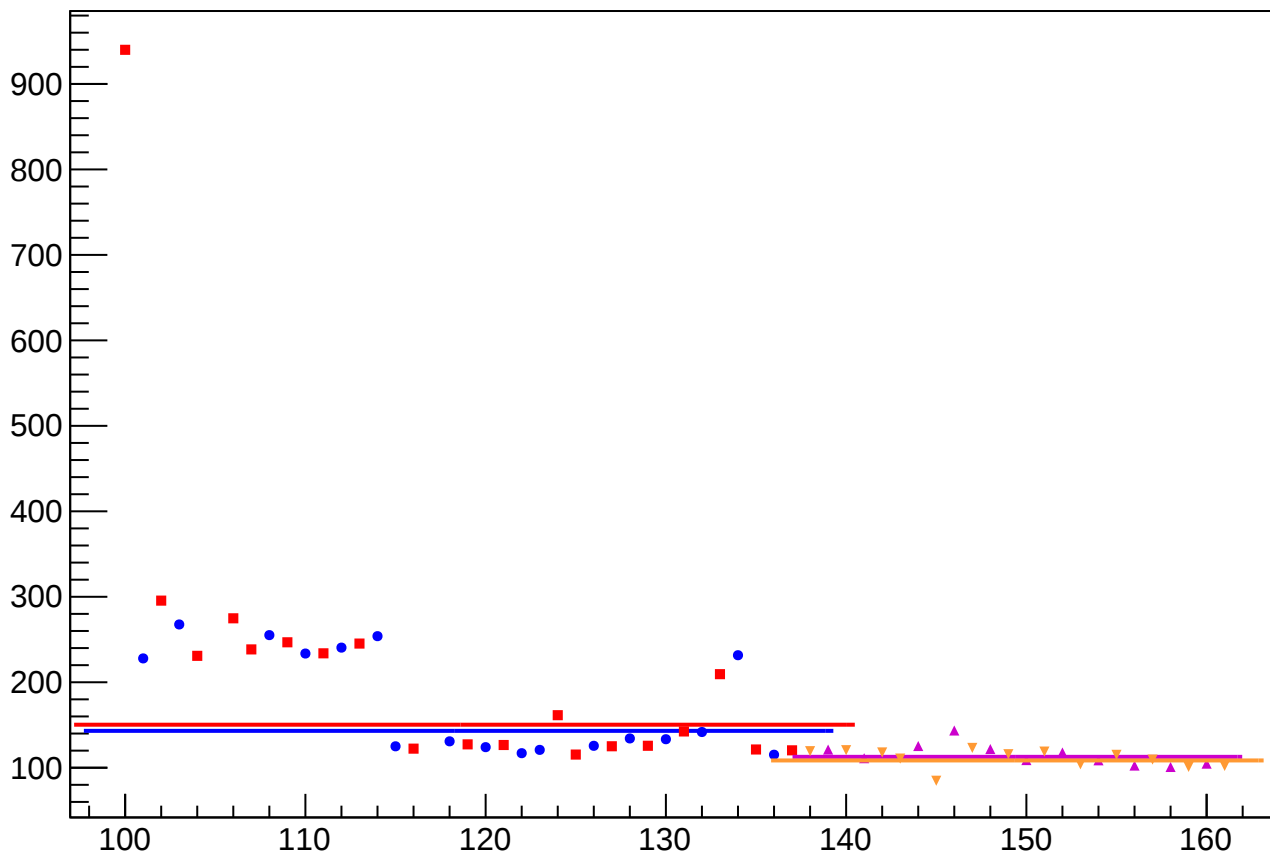
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 81.969 $\pm$ 31.807 χ^2 /NDF:22.3/27

Out: 60.065 $\pm$ 30.150 χ^2 /NDF:39.5/31

All: 70.431 $\pm$ 21.882 χ^2 /NDF: 62.0/59

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: 108.521 $\pm$ 0.025 χ^2 /NDF:213353.7/12

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 112.740 $\pm$ 0.027 χ^2 /NDF:154472.3/10

Left: 110.446 $\pm$ 0.018 χ^2 /NDF: 381198.8/23

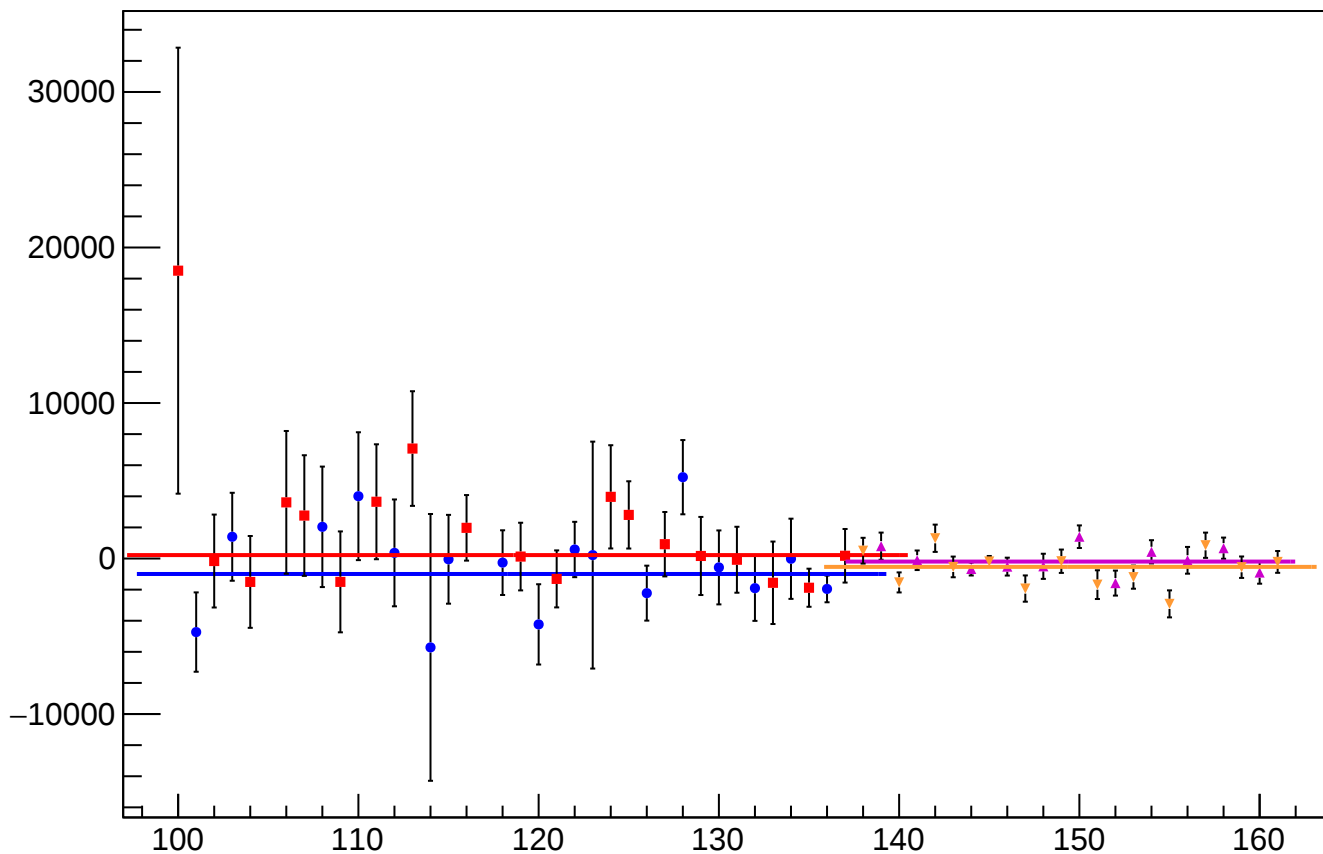
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 121.888 $\pm$ 0.022 χ^2 /NDF:1640083.7/27

Out: 119.038 $\pm$ 0.021 χ^2 /NDF:2369601.9/31

All: 120.387 $\pm$ 0.015 χ^2 /NDF: 4018140.7/59

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -537.360+/-187.121 χ^2/NDF : 25.3/12

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -195.883+/-201.105 χ^2/NDF : 14.1/10

Left: -378.906+/-136.992 χ^2/NDF : 40.9/23

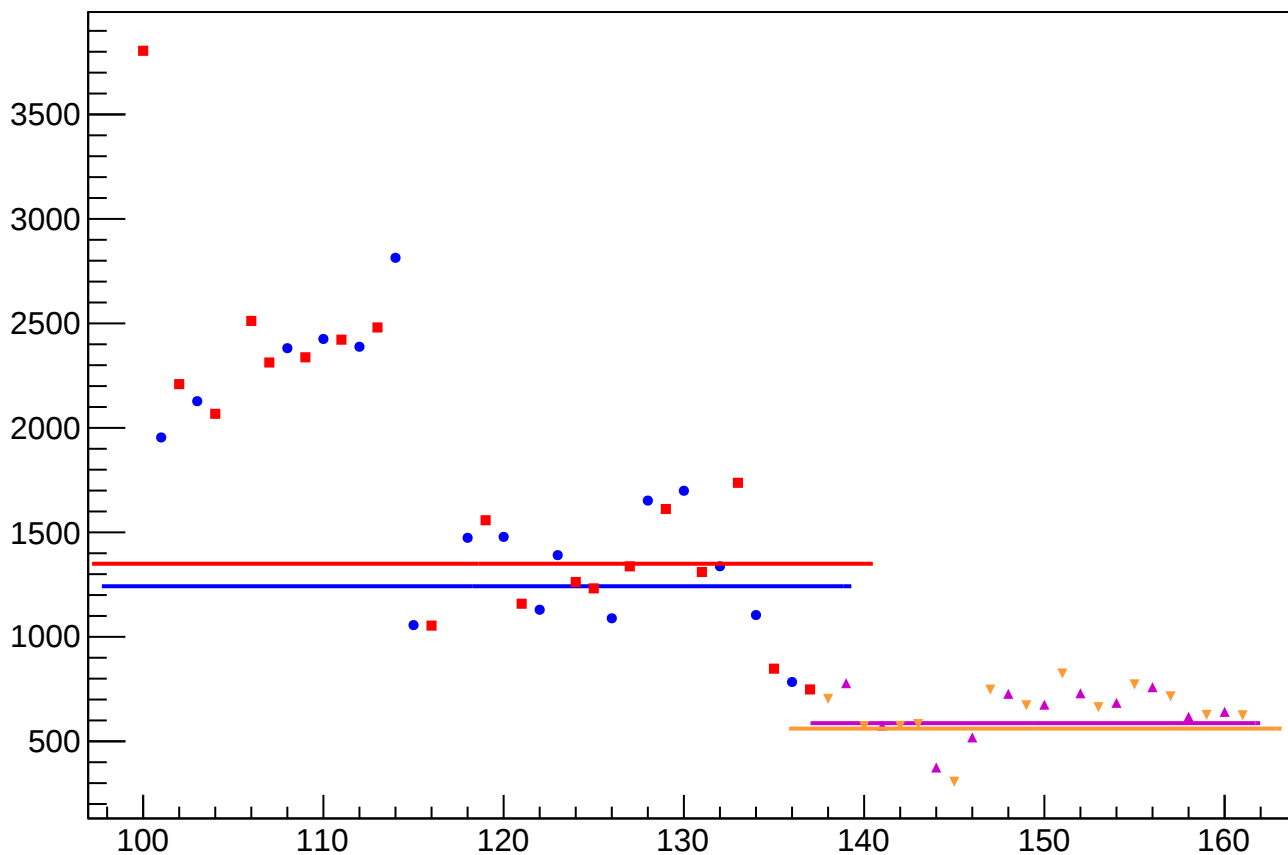
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -300.935+/-187.399 χ^2/NDF : 33.1/27

Out: -456.938+/-176.926 χ^2/NDF : 42.2/31

All: -383.418+/-128.649 χ^2/NDF : 75.7/59

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 560.975+/-0.132 χ^2/NDF : 1664991.8/12

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 586.989+/-0.142 χ^2/NDF : 916467.7/10

Left: 573.046+/-0.097 χ^2/NDF : 2599395.6/23

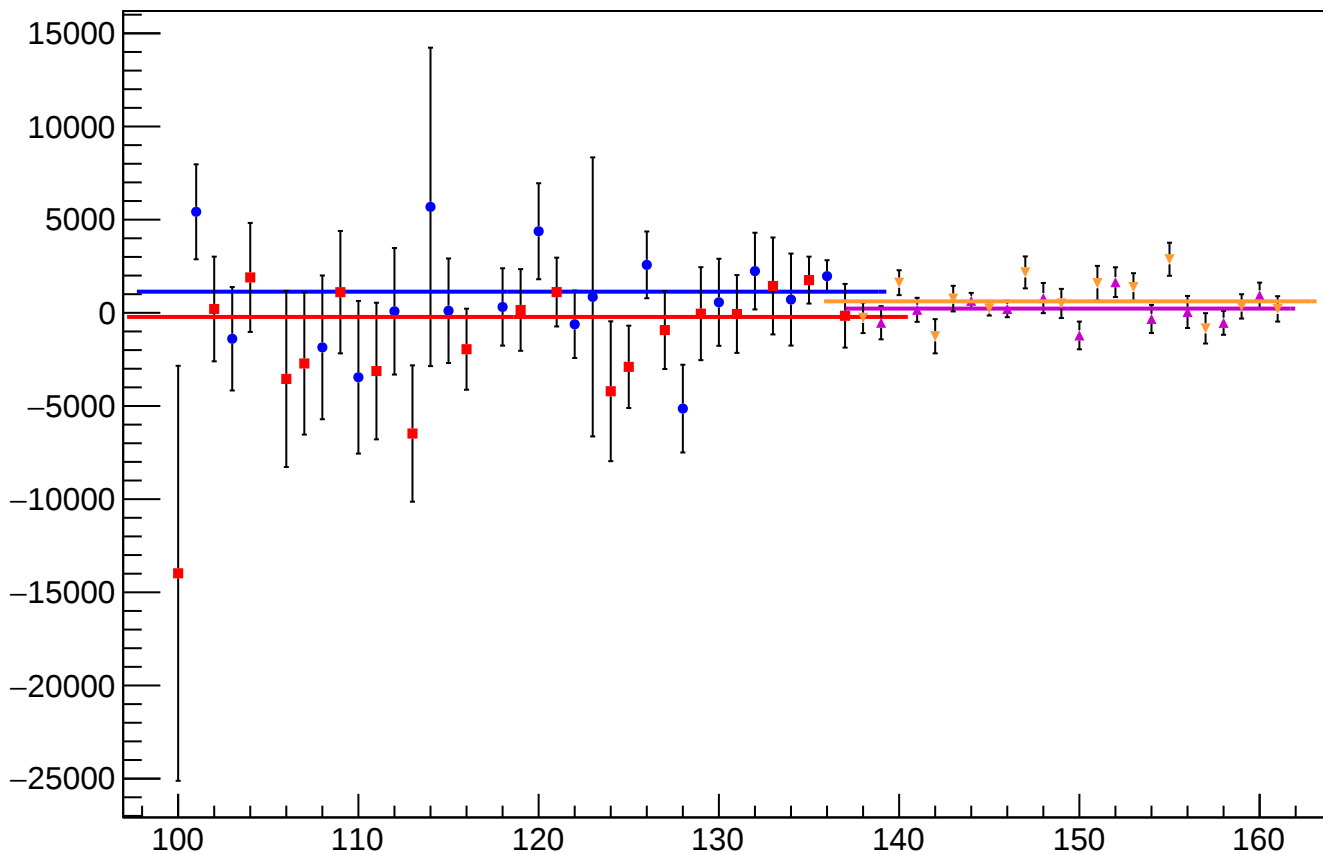
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 673.251+/-0.133 χ^2/NDF : 5478793.1/27

Out: 644.596+/-0.125 χ^2/NDF : 7300917.1/31

All: 658.100+/-0.091 χ^2/NDF : 12804434.4/59

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 616.686 $\pm$ 191.870 χ^2 /NDF: 24.3/12

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 227.332 $\pm$ 192.812 χ^2 /NDF: 12.2/10

Left: 422.962 $\pm$ 136.004 χ^2 /NDF: 38.5/23

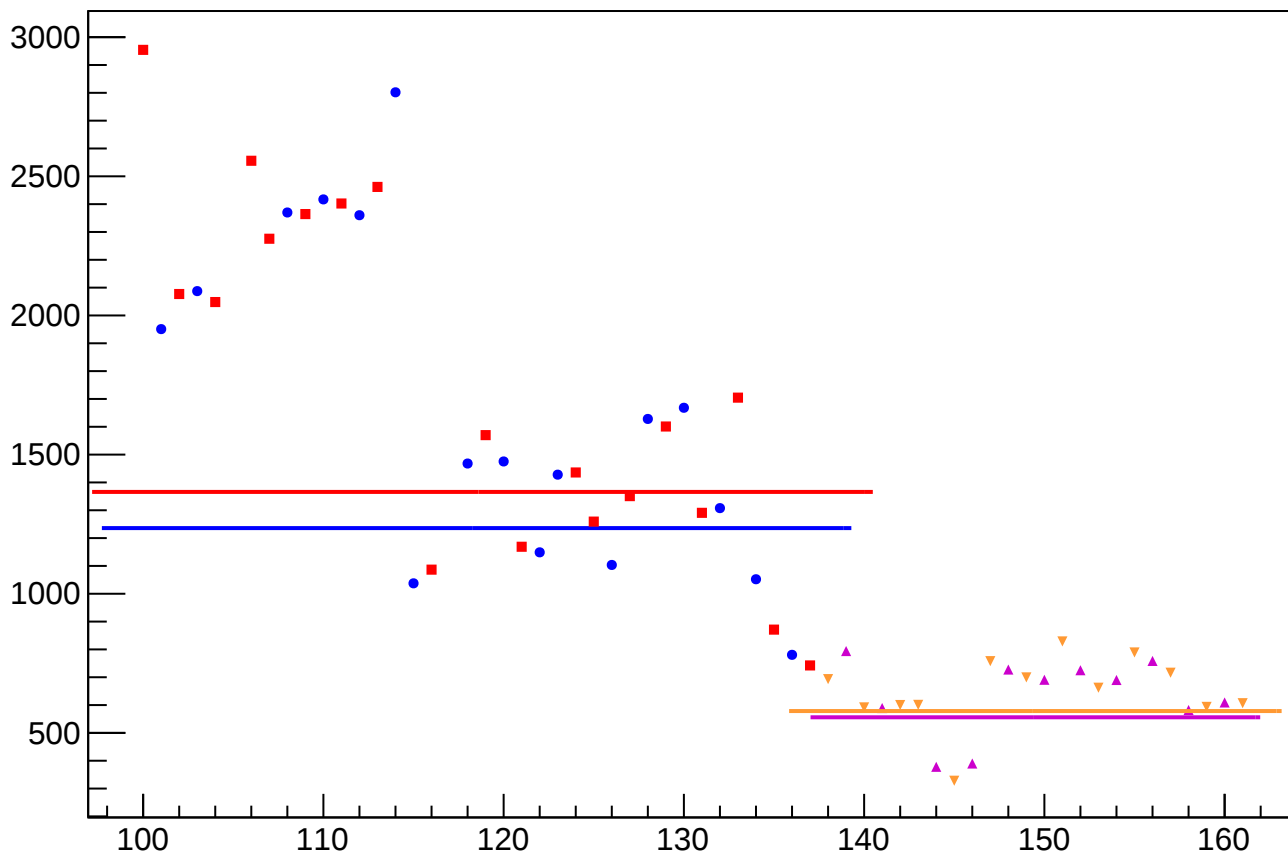
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 339.415 $\pm$ 180.518 χ^2 /NDF: 32.7/27

Out: 525.084 $\pm$ 181.074 χ^2 /NDF: 39.8/31

All: 431.964 $\pm$ 127.842 χ^2 /NDF: 73.1/59

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 578.509 $\pm$ 0.136 χ^2 /NDF: 1387404.2/12

Right Out: 1365.941 $\pm$ 0.387 χ^2 /NDF: 1750044.7/18

Left In: 556.064 $\pm$ 0.136 χ^2 /NDF: 1215579.0/10

Left: 567.341 $\pm$ 0.096 χ^2 /NDF: 2616600.9/23

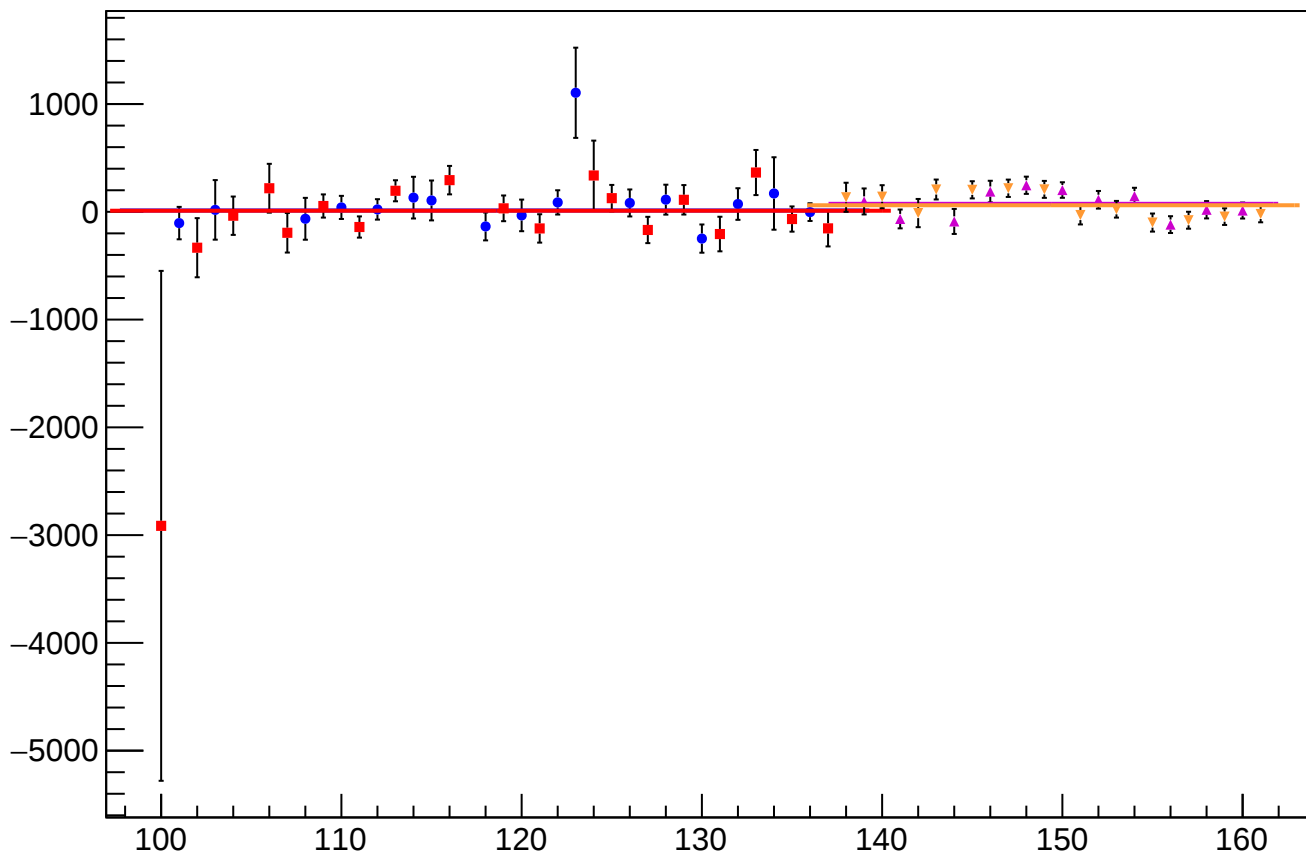
Right: 1296.809 $\pm$ 0.265 χ^2 /NDF: 3555718.8/35

In: 639.997 $\pm$ 0.128 χ^2 /NDF: 6031199.9/27

Out: 664.631 $\pm$ 0.128 χ^2 /NDF: 6821625.8/31

All: 652.276 $\pm$ 0.090 χ^2 /NDF: 12871390.5/59

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 60.914 $\pm$ 24.052 χ^2 /NDF:25.3/12

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 74.182 $\pm$ 25.473 χ^2 /NDF:22.0/10

Left: 67.168 $\pm$ 17.488 χ^2 /NDF: 47.5/23

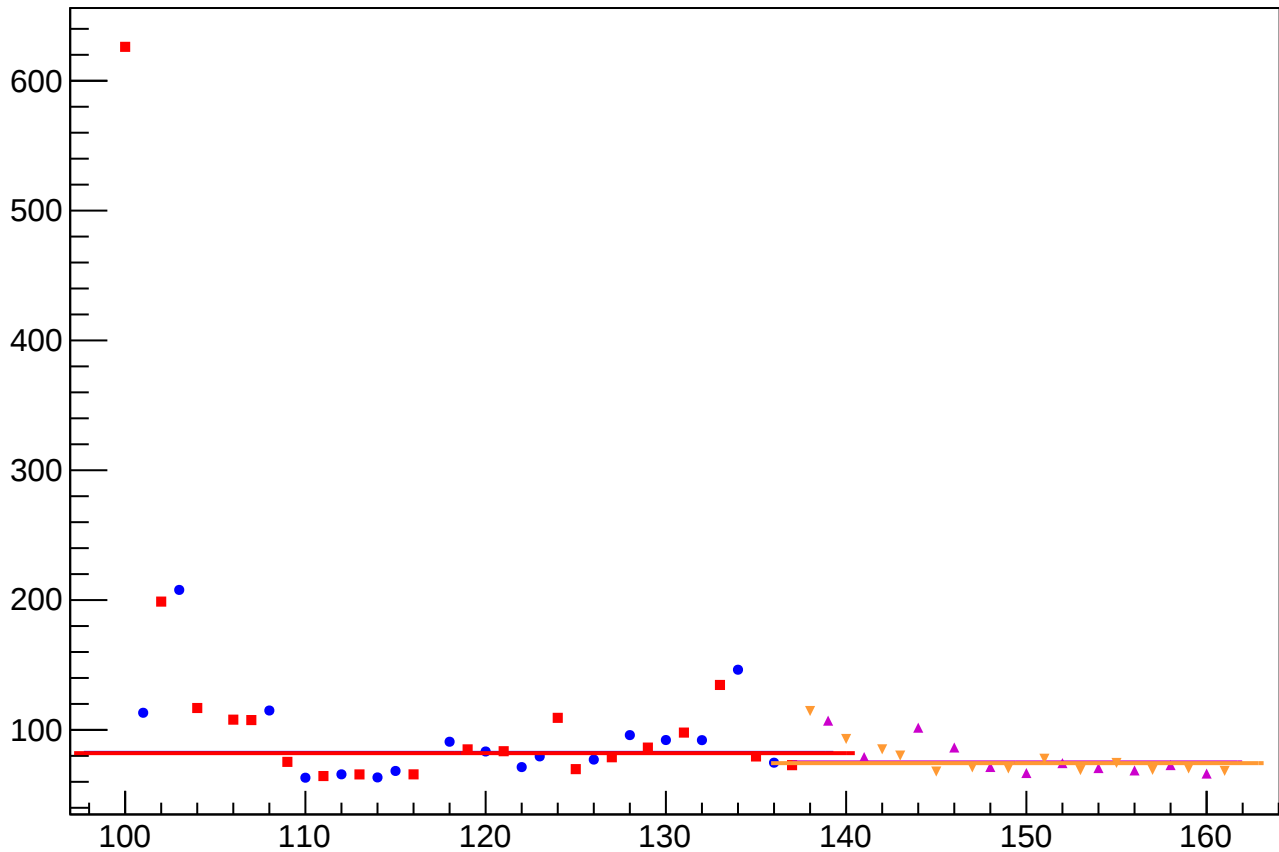
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 51.279 $\pm$ 20.216 χ^2 /NDF:39.6/27

Out: 42.983 $\pm$ 19.355 χ^2 /NDF:55.1/31

All: 46.950 $\pm$ 13.981 χ^2 /NDF: 94.8/59

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 74.388 $\pm$ 0.017 χ^2 /NDF: 320274.7/12

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 74.995 $\pm$ 0.018 χ^2 /NDF: 356086.0/10

Left: 74.674 $\pm$ 0.012 χ^2 /NDF: 676961.5/23

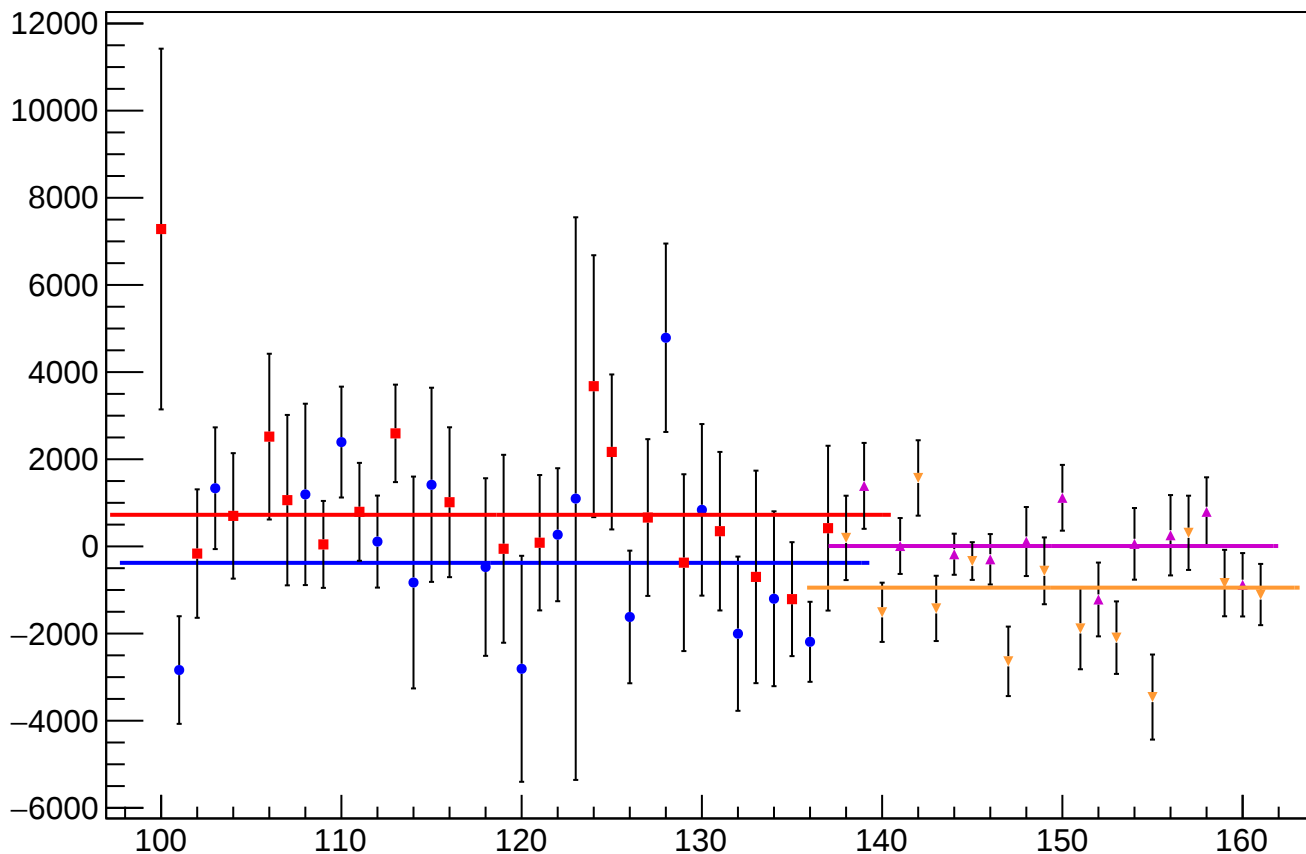
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 77.701 $\pm$ 0.014 χ^2 /NDF: 1285811.6/27

Out: 77.102 $\pm$ 0.014 χ^2 /NDF: 1351582.7/31

All: 77.389 $\pm$ 0.010 χ^2 /NDF: 2638309.4/59

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -946.358+/-205.315 χ^2/NDF : 29.5/12

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 8.882+/-214.045 χ^2/NDF : 9.2/10

Left: -488.615+/-148.170 χ^2/NDF : 49.1/23

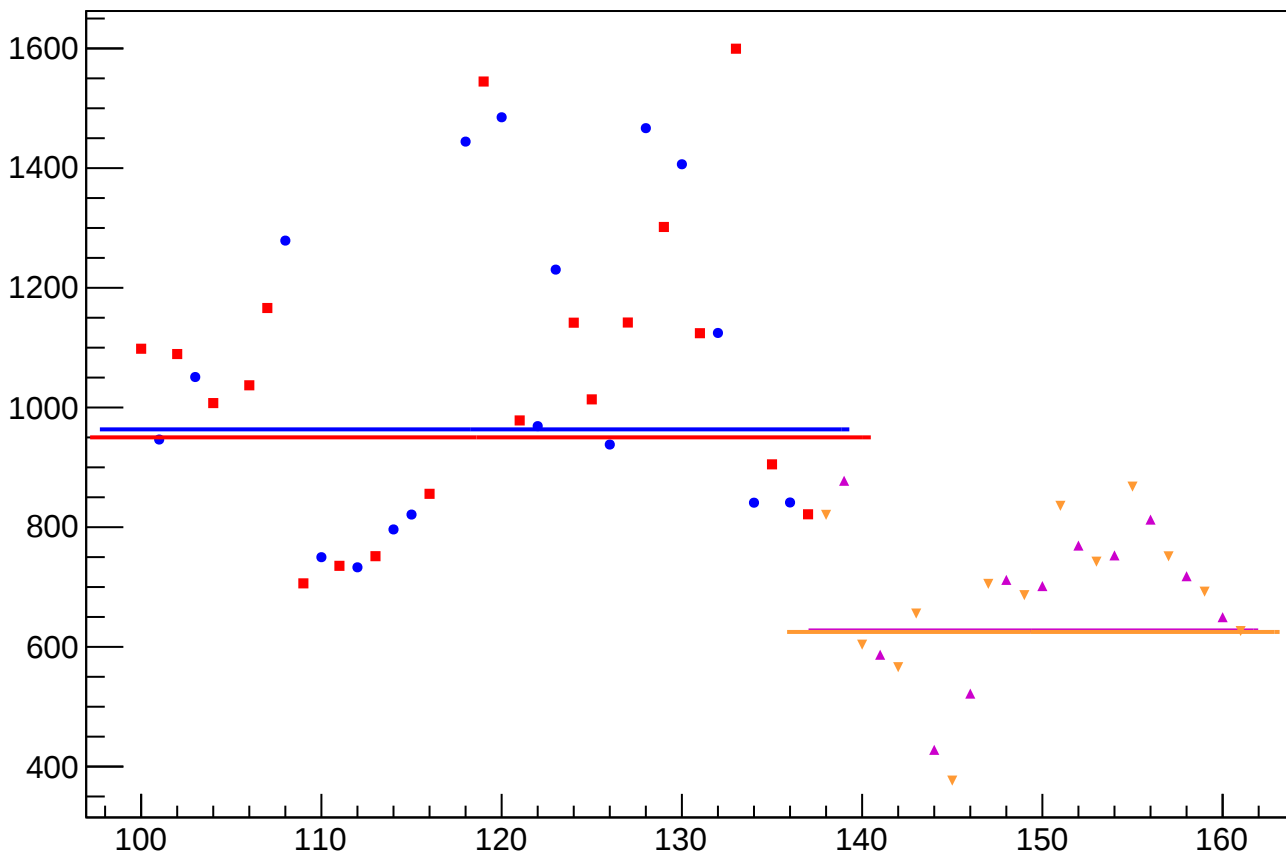
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -82.707+/-186.950 χ^2/NDF : 34.4/27

Out: -548.189+/-179.201 χ^2/NDF : 57.1/31

All: -325.295+/-129.367 χ^2/NDF : 94.8/59

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.962+/-0.145 χ^2/NDF :1113025.2/12

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 627.470+/-0.151 χ^2/NDF :814473.2/10

Left: 626.164+/-0.105 χ^2/NDF : 1927641.3/23

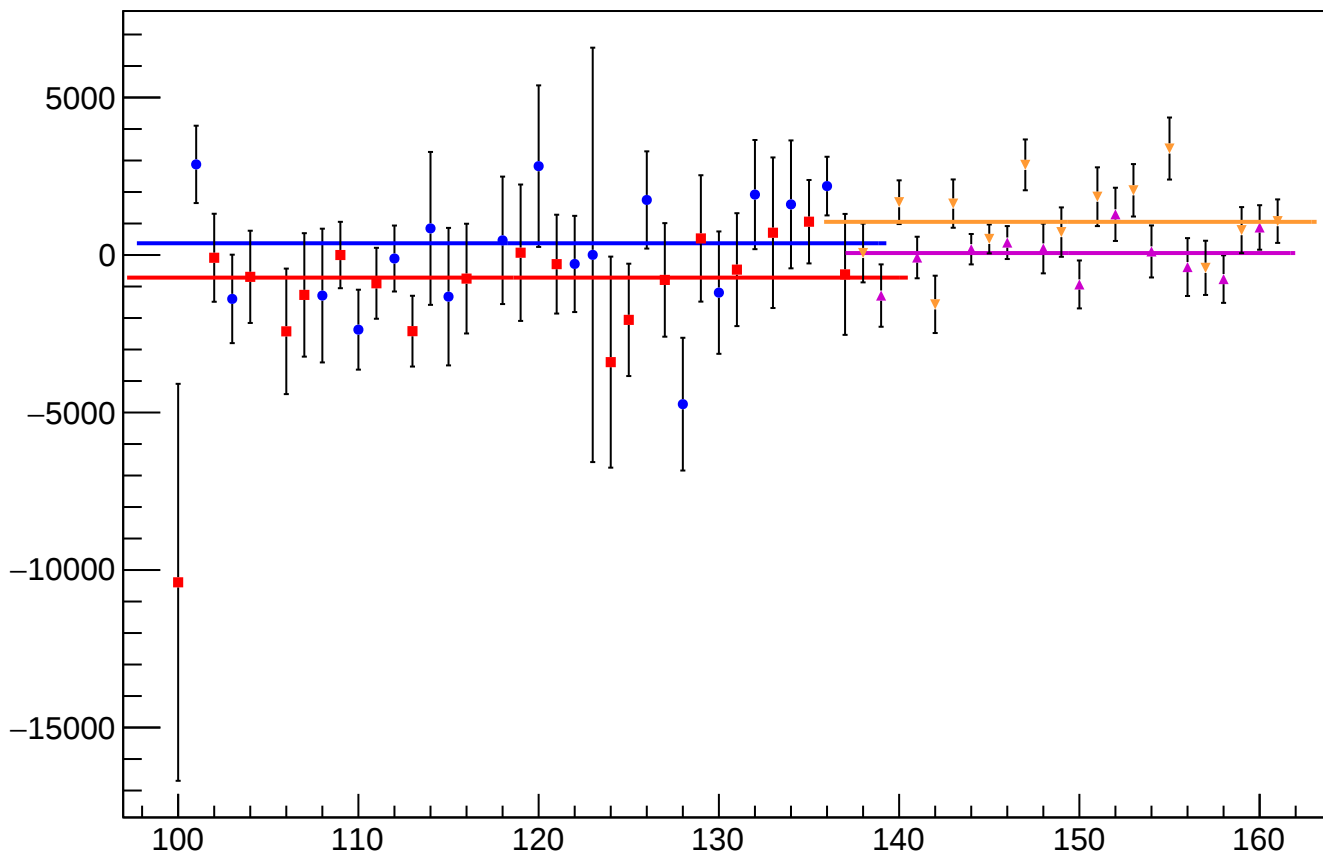
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 707.152+/-0.132 χ^2/NDF :2672081.8/27

Out: 702.416+/-0.127 χ^2/NDF :3039871.4/31

All: 704.684+/-0.091 χ^2/NDF : 5712622.0/59

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1052.809 $\pm$ 208.593 χ^2/NDF : 28.1/12

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 62.267 $\pm$ 211.264 χ^2/NDF : 9.0/10

Left: 563.840 $\pm$ 148.433 χ^2/NDF : 48.3/23

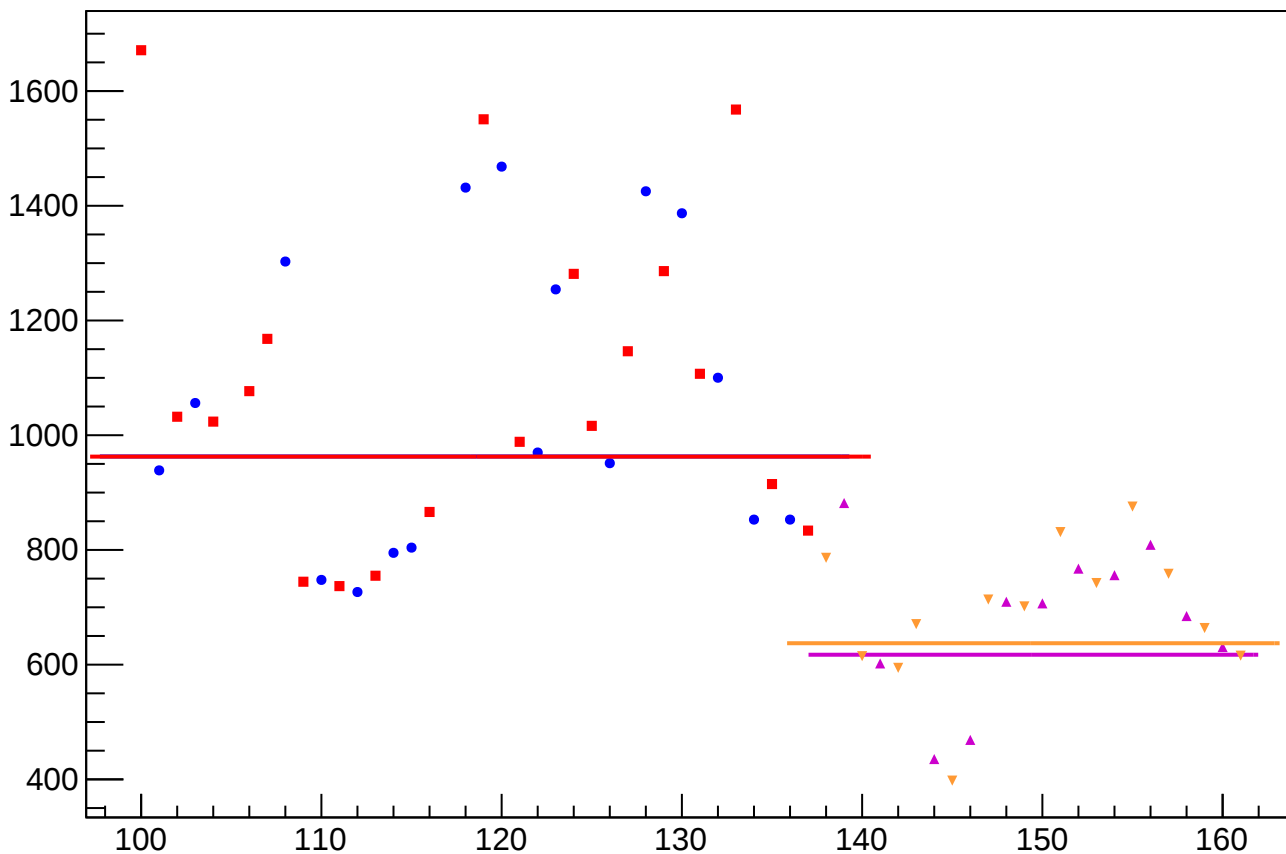
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 134.541 $\pm$ 185.062 χ^2/NDF : 34.8/27

Out: 628.957 $\pm$ 181.915 χ^2/NDF : 55.5/31

All: 385.989 $\pm$ 129.732 χ^2/NDF : 93.9/59

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 637.354 $\pm$ 0.147 χ^2/NDF : 916707.9/12

Right Out: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18

Left In: 617.295 $\pm$ 0.149 χ^2/NDF : 867250.4/10

Left: 627.452 $\pm$ 0.105 χ^2/NDF : 1793087.7/23

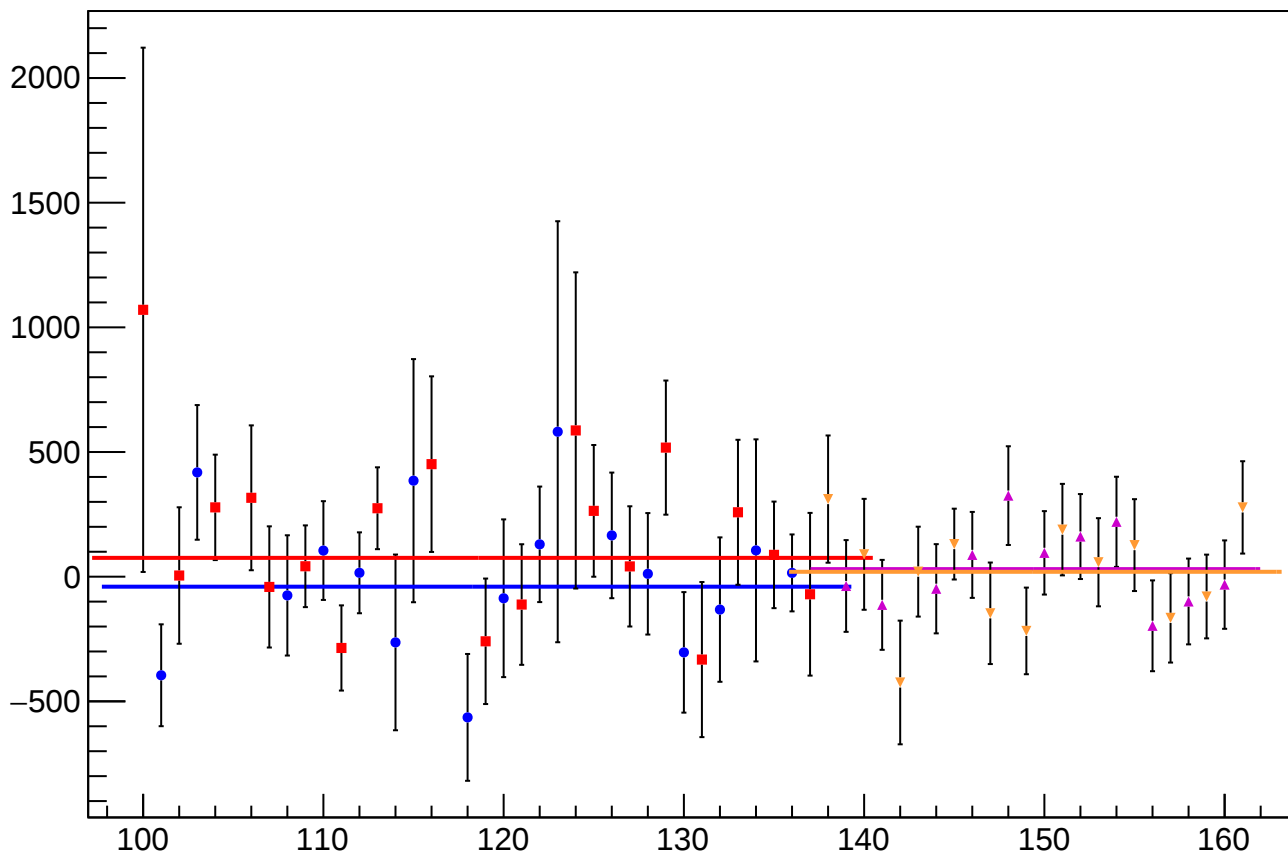
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 697.723 $\pm$ 0.131 χ^2/NDF : 2780586.8/27

Out: 715.252 $\pm$ 0.129 χ^2/NDF : 2778002.5/31

All: 706.638 $\pm$ 0.092 χ^2/NDF : 5567714.4/59

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: 19.600 ± 51.552 $\chi^2/\text{NDF}: 12.3/12$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 30.335 ± 53.671 $\chi^2/\text{NDF}: 7.4/10$

Left: 24.752 ± 37.179 $\chi^2/\text{NDF}: 19.7/23$

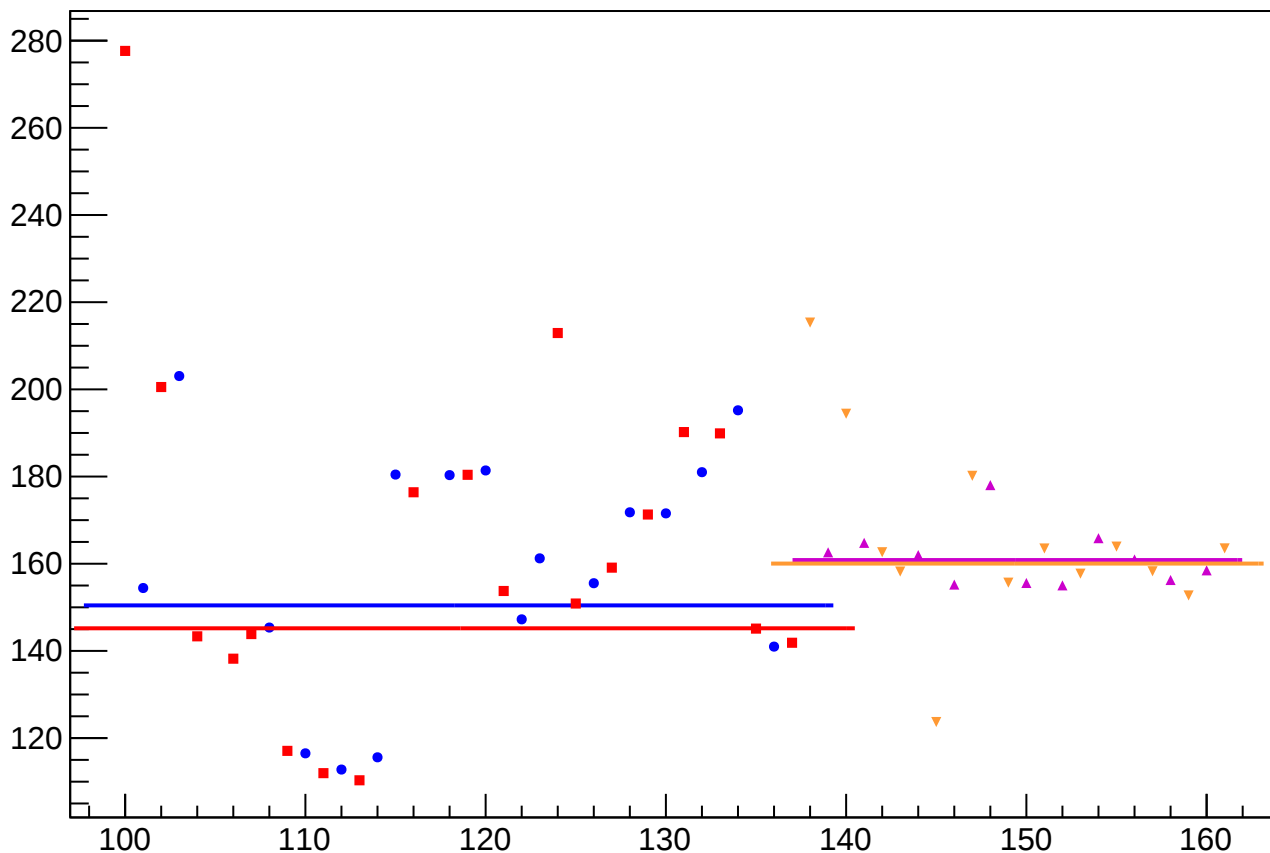
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: -1.417 ± 39.779 $\chi^2/\text{NDF}: 23.5/27$

Out: 45.109 ± 38.000 $\chi^2/\text{NDF}: 31.4/31$

All: 22.910 ± 27.478 $\chi^2/\text{NDF}: 55.6/59$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.035 $\pm$ 0.036 χ^2 /NDF:300574.1/12

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 160.842 $\pm$ 0.038 χ^2 /NDF:26040.8/10

Left: 160.422 $\pm$ 0.026 χ^2 /NDF: 326850.2/23

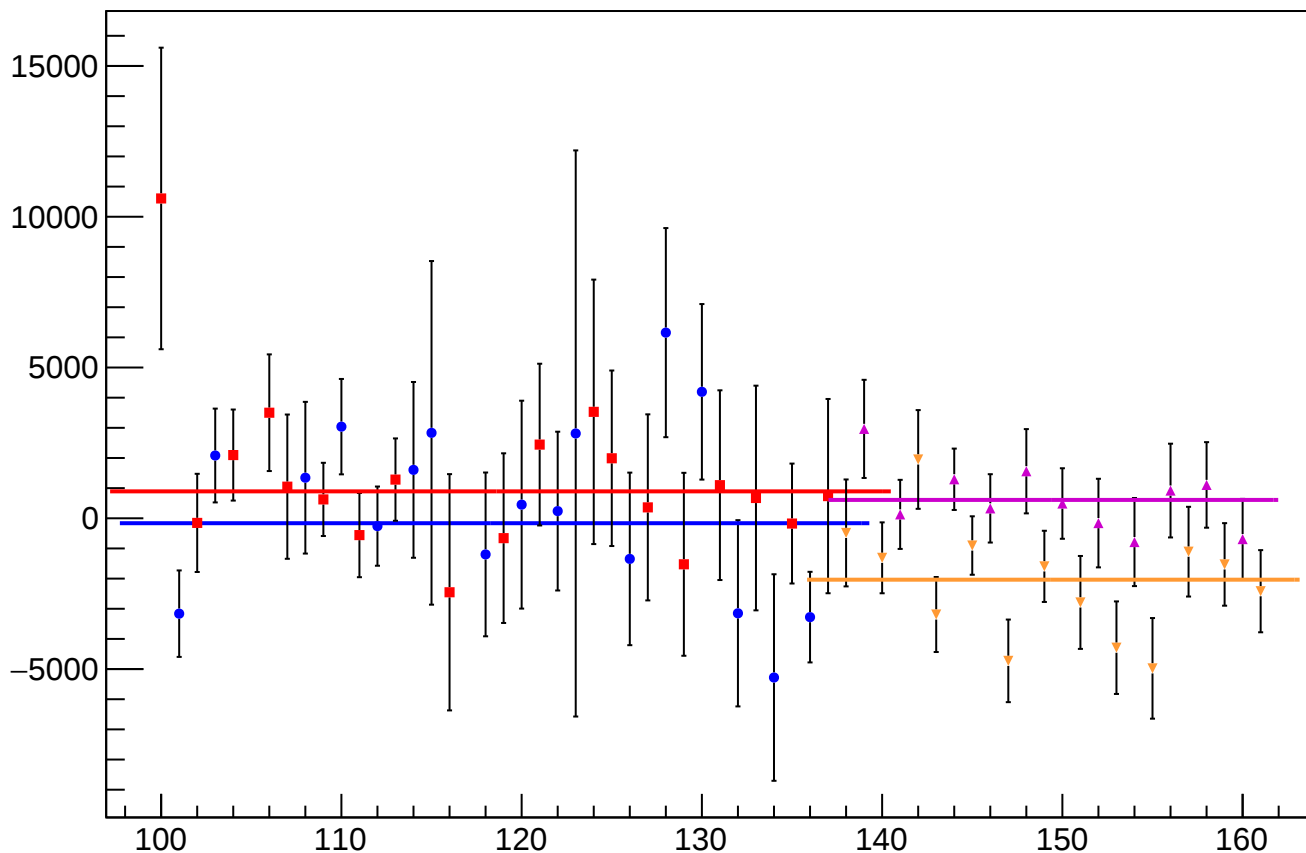
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 156.155 $\pm$ 0.028 χ^2 /NDF:460004.7/27

Out: 153.254 $\pm$ 0.027 χ^2 /NDF:912029.9/31

All: 154.638 $\pm$ 0.019 χ^2 /NDF: 1377593.6/59

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -2035.837+/-375.128 χ^2/NDF :19.4/12

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 609.480+/-391.248 χ^2/NDF :5.6/10

Left: -768.794+/-270.775 χ^2/NDF : 48.8/23

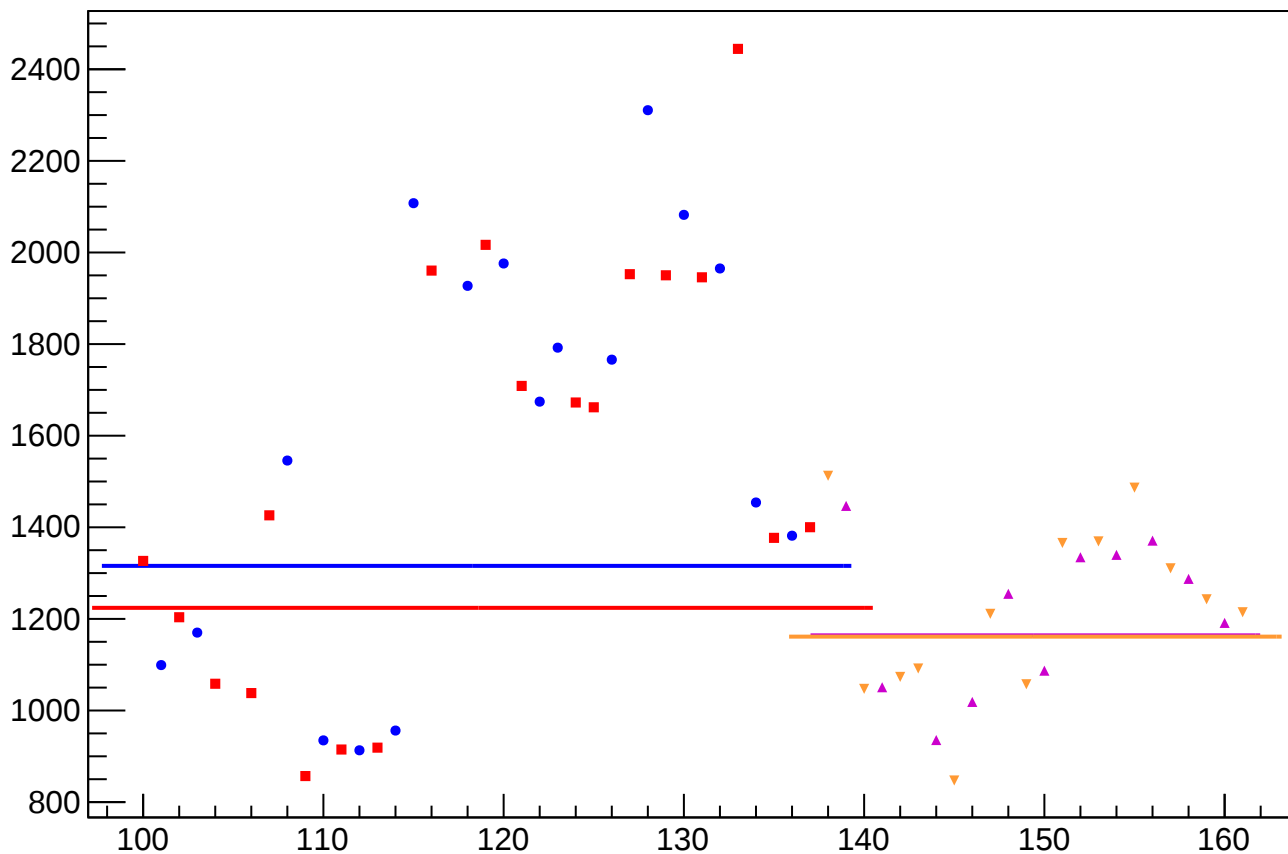
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 339.169+/-315.431 χ^2/NDF :32.0/27

Out: -937.566+/-296.573 χ^2/NDF :53.0/31

All: -338.502+/-216.068 χ^2/NDF : 93.7/59

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1161.291+/-0.265 χ^2/NDF : 515700.6/12

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1164.112+/-0.277 χ^2/NDF : 338068.2/10

Left: 1162.642+/-0.191 χ^2/NDF : 853823.0/23

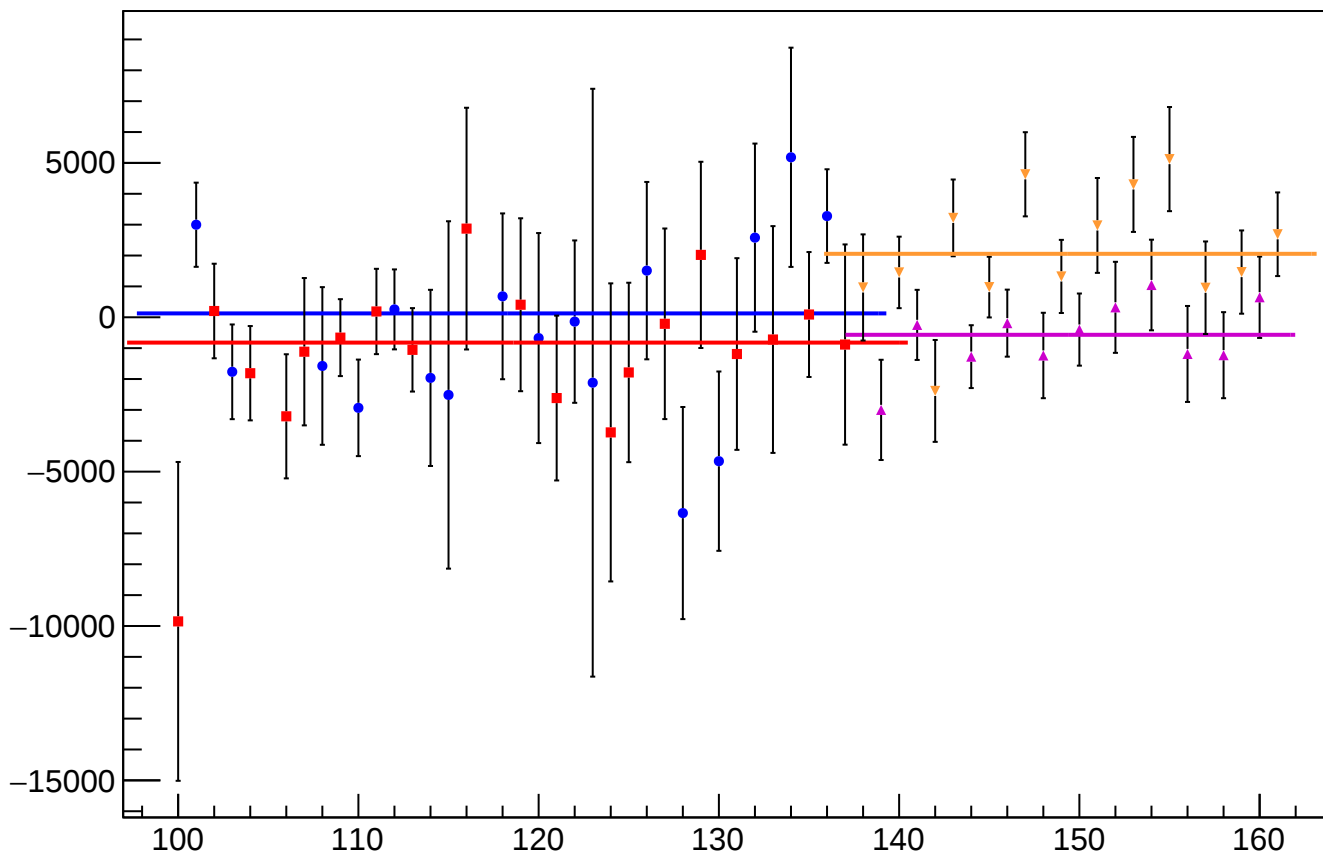
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1217.200+/-0.223 χ^2/NDF : 1561616.3/27

Out: 1184.861+/-0.210 χ^2/NDF : 1900659.8/31

All: 1200.035+/-0.153 χ^2/NDF : 3473434.3/59

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2055.576 $\pm$ 374.719 χ^2 /NDF:20.7/12

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -567.825 $\pm$ 387.729 χ^2 /NDF:6.0/10

Left: 788.625 $\pm$ 269.448 χ^2 /NDF: 50.4/23

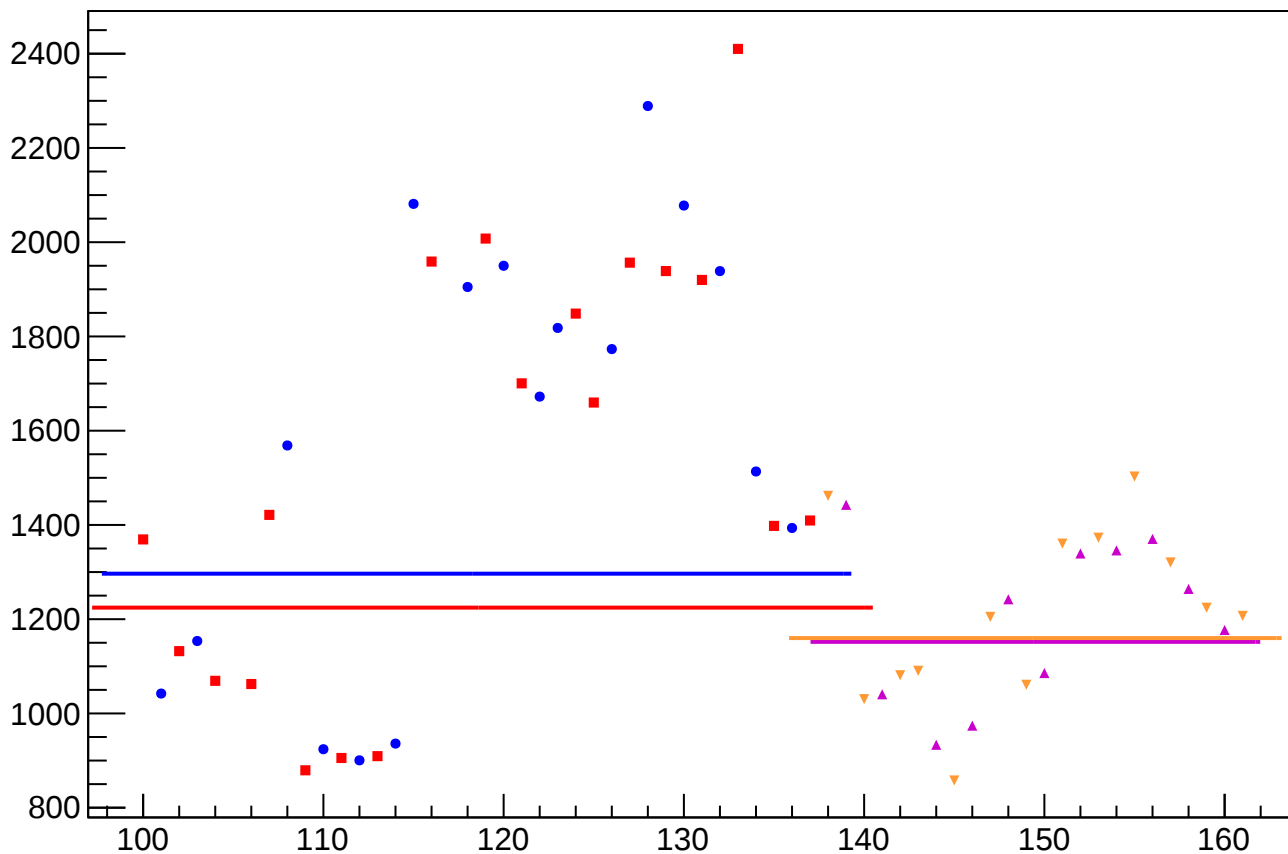
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -324.257 $\pm$ 312.268 χ^2 /NDF:31.8/27

Out: 979.655 $\pm$ 296.448 χ^2 /NDF:51.8/31

All: 361.565 $\pm$ 214.995 χ^2 /NDF: 92.8/59

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1159.950 $\pm$ 0.265 χ^2 /NDF: 487632.8/12

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1151.953 $\pm$ 0.274 χ^2 /NDF: 364567.3/10

Left: 1156.088 $\pm$ 0.191 χ^2 /NDF: 852640.0/23

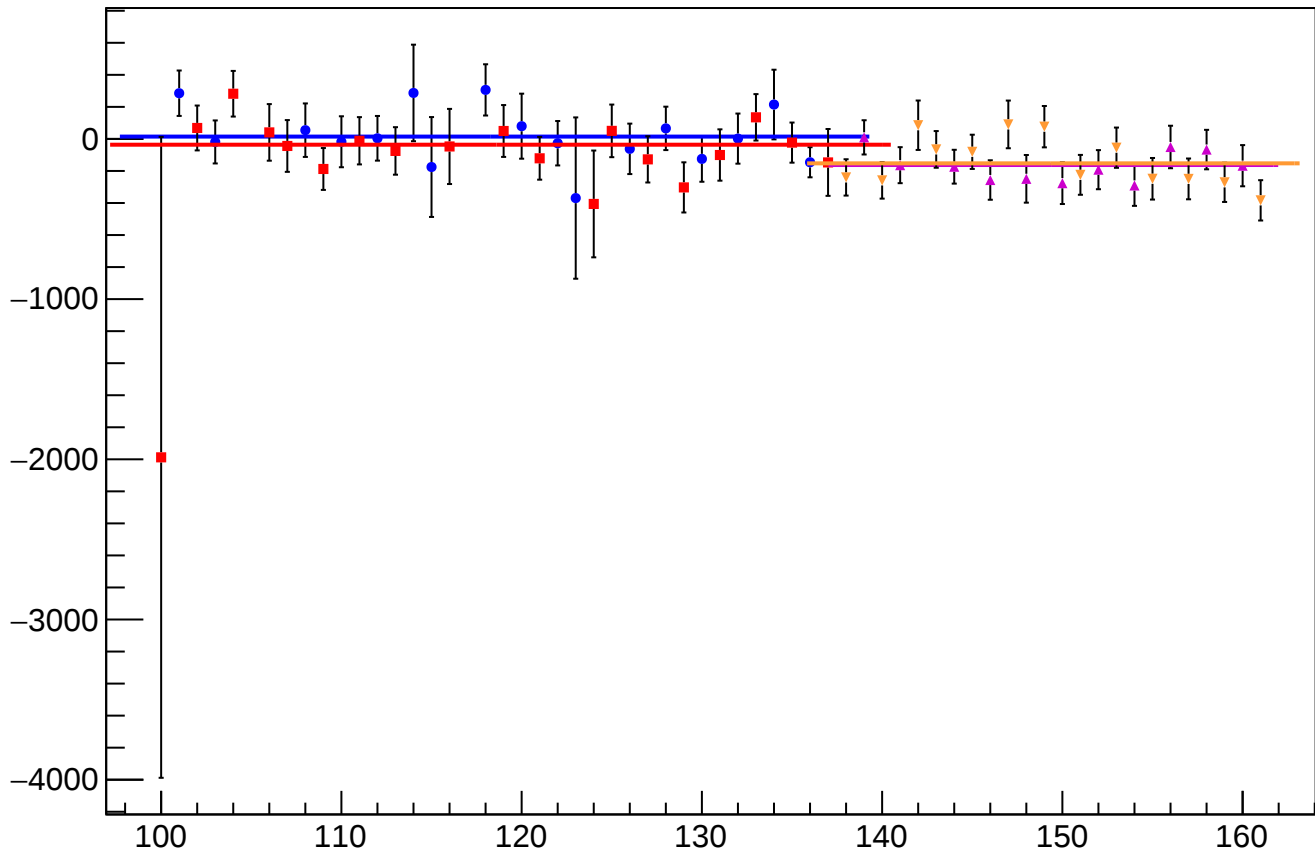
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1202.768 $\pm$ 0.221 χ^2 /NDF: 1637800.3/27

Out: 1184.123 $\pm$ 0.210 χ^2 /NDF: 1858153.4/31

All: 1192.961 $\pm$ 0.152 χ^2 /NDF: 3499704.0/59

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: -152.463 ± 34.411 $\chi^2/\text{NDF}: 17.1/12$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -162.888 ± 36.798 $\chi^2/\text{NDF}: 6.7/10$

Left: -157.326 ± 25.134 $\chi^2/\text{NDF}: 23.8/23$

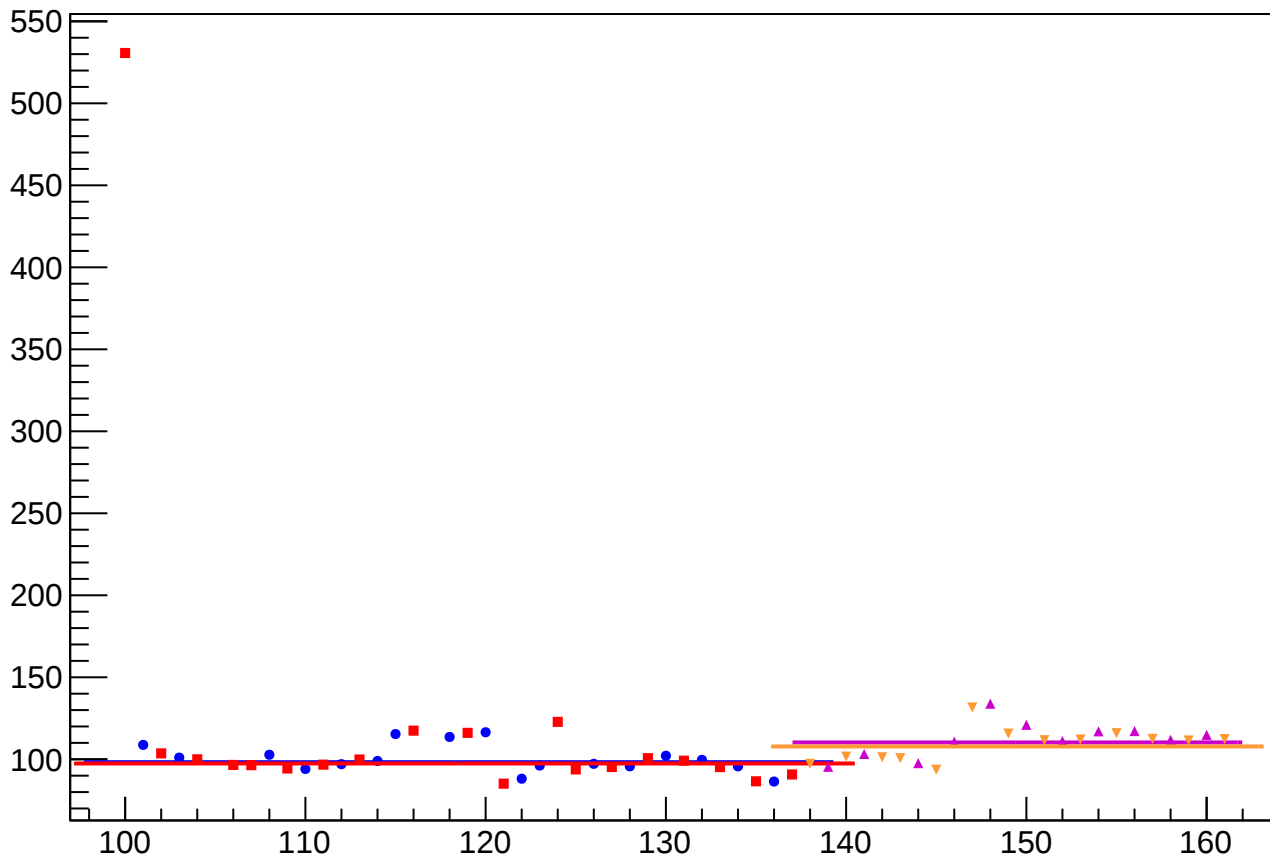
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -77.045 ± 26.441 $\chi^2/\text{NDF}: 32.1/27$

Out: -98.072 ± 25.109 $\chi^2/\text{NDF}: 37.9/31$

All: -88.101 ± 18.207 $\chi^2/\text{NDF}: 70.3/59$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.799+/-0.024 χ^2/NDF : 147527.0/12

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 110.270+/-0.026 χ^2/NDF : 153379.8/10

Left: 108.952+/-0.018 χ^2/NDF : 305717.0/23

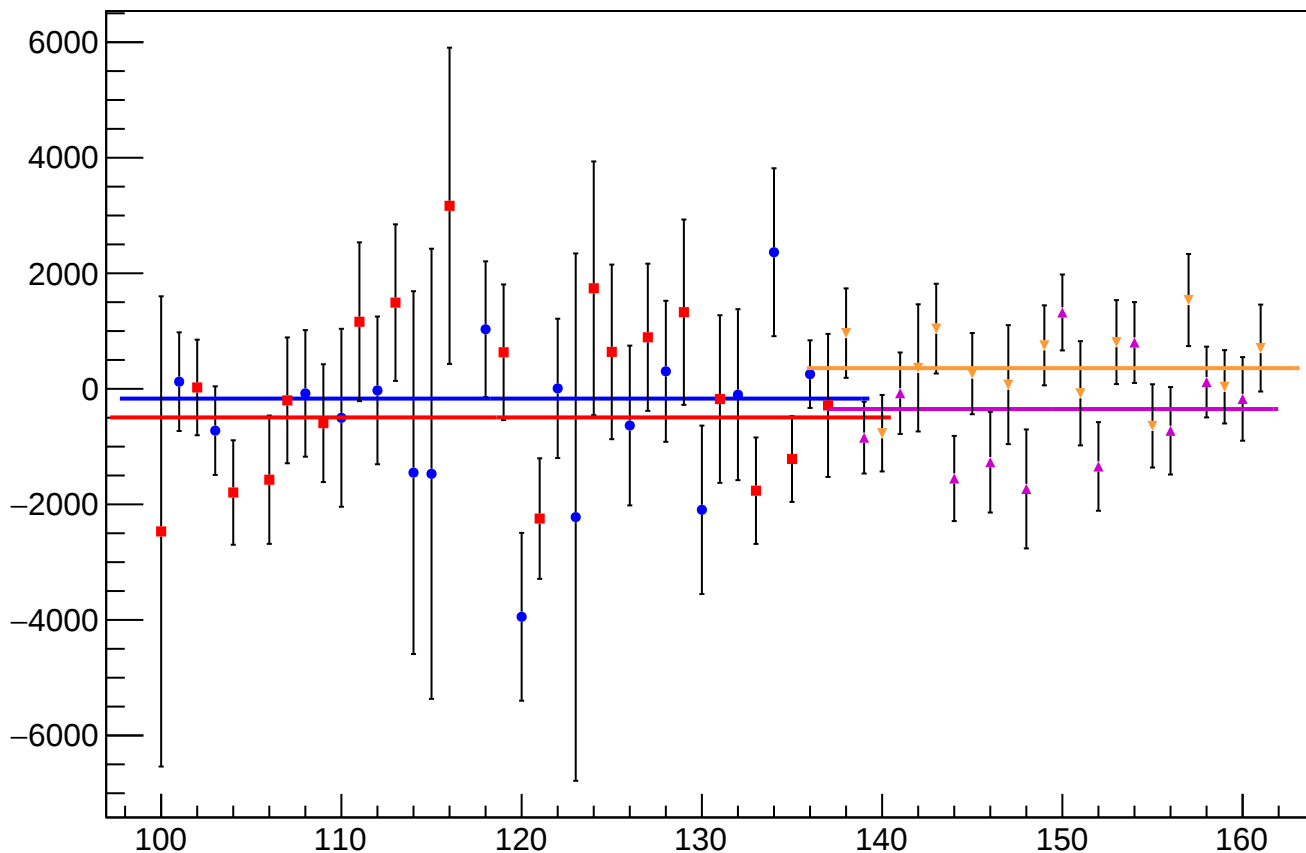
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 104.441+/-0.019 χ^2/NDF : 357645.9/27

Out: 102.954+/-0.018 χ^2/NDF : 422397.6/31

All: 103.659+/-0.013 χ^2/NDF : 783367.9/59

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: 358.303 ± 211.495 $\chi^2/\text{NDF}: 9.9/12$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -349.577 ± 217.798 $\chi^2/\text{NDF}: 18.1/10$

Left: 14.753 ± 151.729 $\chi^2/\text{NDF}: 33.4/23$

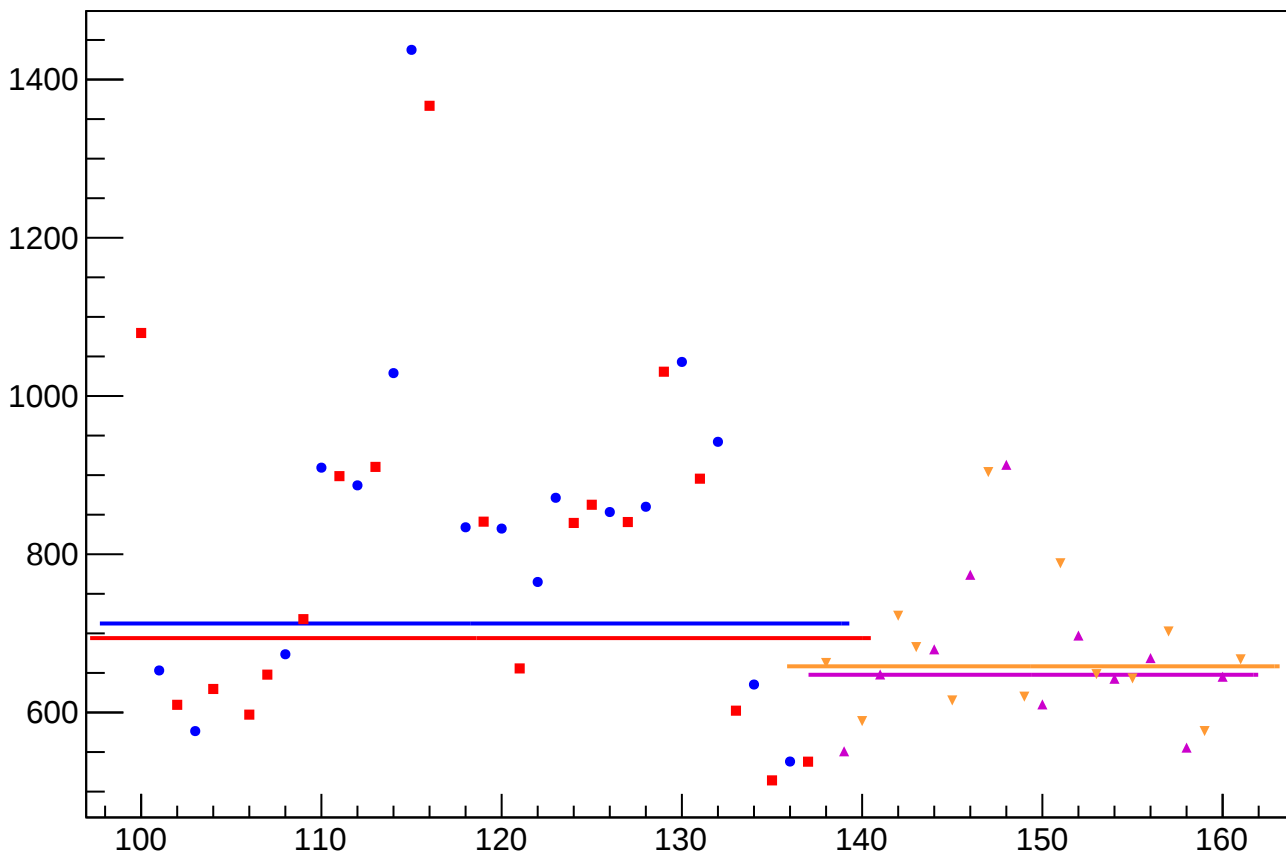
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -282.088 ± 172.414 $\chi^2/\text{NDF}: 33.0/27$

Out: 30.020 ± 165.889 $\chi^2/\text{NDF}: 36.0/31$

All: -120.016 ± 119.541 $\chi^2/\text{NDF}: 70.7/59$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 658.357+/-0.150 χ^2/NDF : 240601.0/12

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 647.666+/-0.154 χ^2/NDF : 288891.9/10

Left: 653.168+/-0.107 χ^2/NDF : 531972.7/23

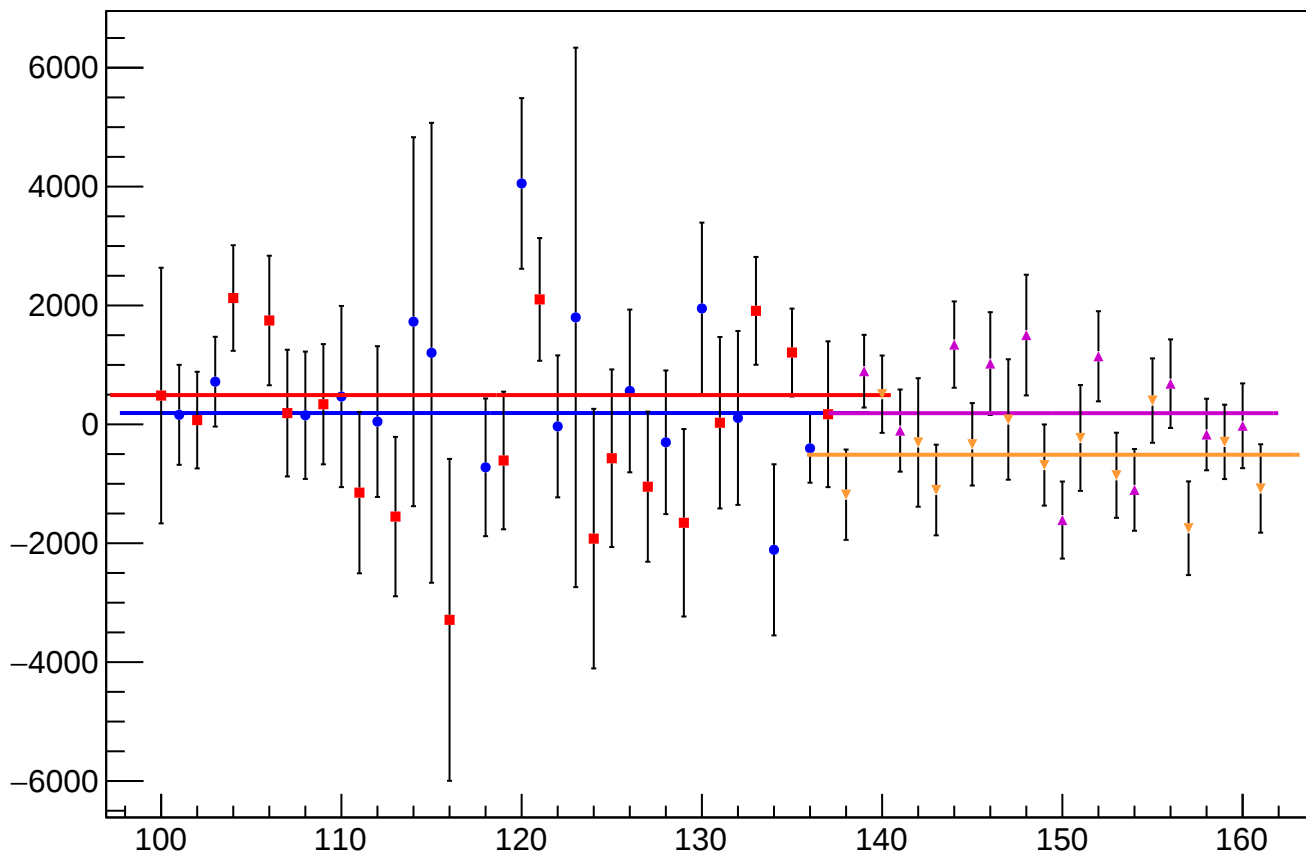
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 671.862+/-0.122 χ^2/NDF : 1015527.0/27

Out: 672.077+/-0.117 χ^2/NDF : 937465.3/31

All: 671.974+/-0.085 χ^2/NDF : 1952994.0/59

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -511.086 ± 208.335 $\chi^2/\text{NDF}: 9.5/12$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: 188.109 ± 214.527 $\chi^2/\text{NDF}: 20.3/10$

Left: -171.725 ± 149.456 $\chi^2/\text{NDF}: 35.3/23$

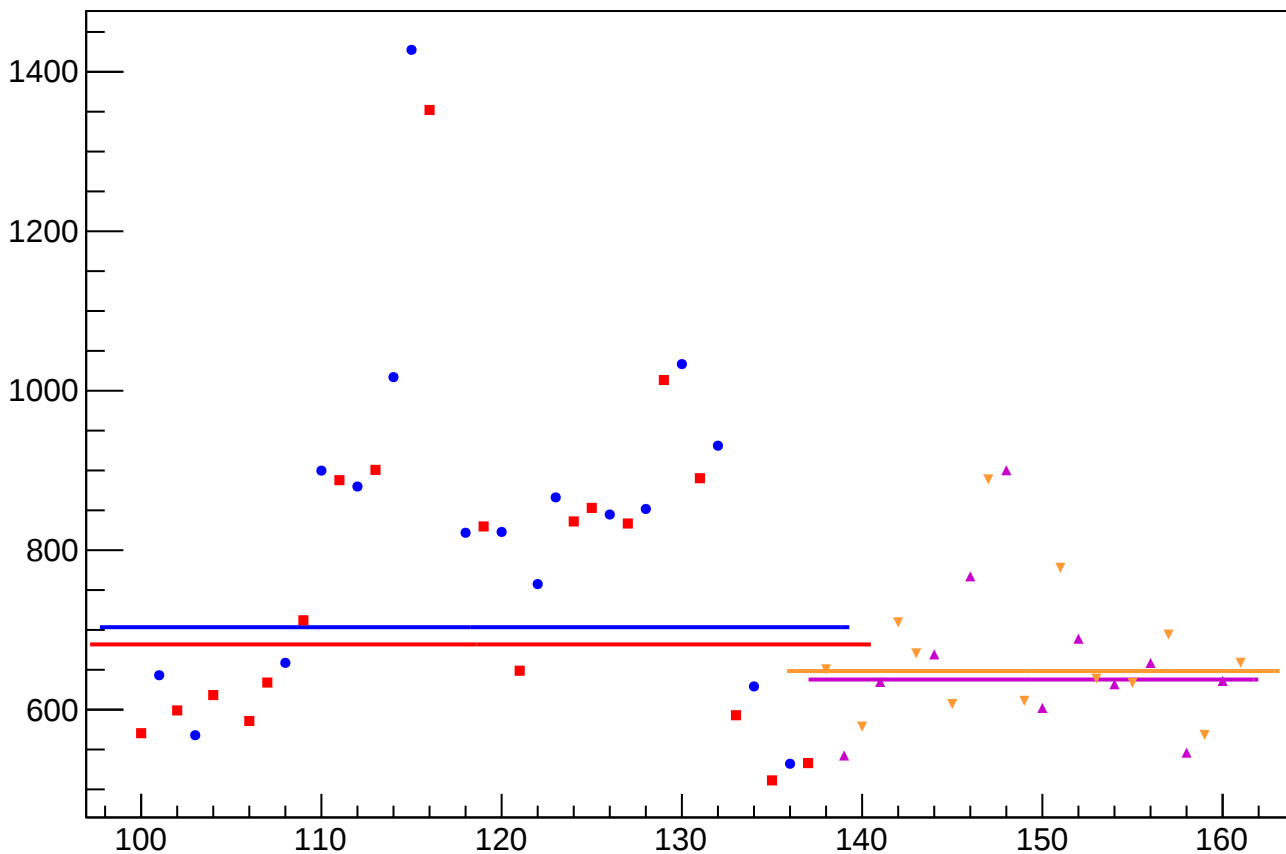
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: 189.140 ± 169.990 $\chi^2/\text{NDF}: 34.5/27$

Out: -123.445 ± 163.222 $\chi^2/\text{NDF}: 41.2/31$

All: 26.500 ± 117.735 $\chi^2/\text{NDF}: 77.5/59$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 648.430 $\pm$ 0.147 χ^2 /NDF: 240265.0/12

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 637.769 $\pm$ 0.152 χ^2 /NDF: 294143.7/10

Left: 643.256 $\pm$ 0.106 χ^2 /NDF: 536950.5/23

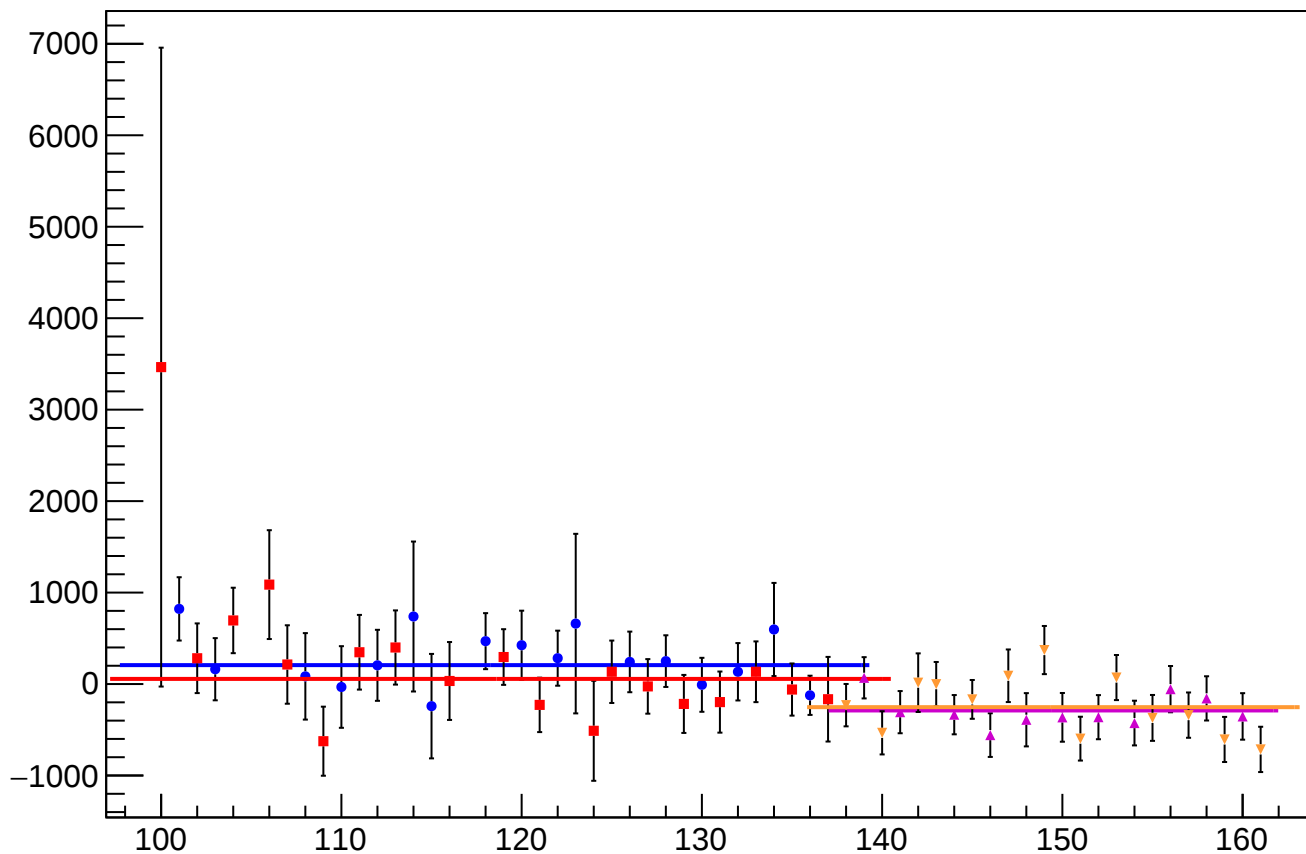
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 662.193 $\pm$ 0.120 χ^2 /NDF: 1030696.5/27

Out: 661.320 $\pm$ 0.115 χ^2 /NDF: 924887.4/31

All: 661.739 $\pm$ 0.083 χ^2 /NDF: 1955611.4/59

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: -252.785 $\pm$ 68.875 χ^2 /NDF:20.1/12

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -288.813 $\pm$ 73.379 χ^2 /NDF:5.7/10

Left: -269.659 $\pm$ 50.219 χ^2 /NDF: 25.8/23

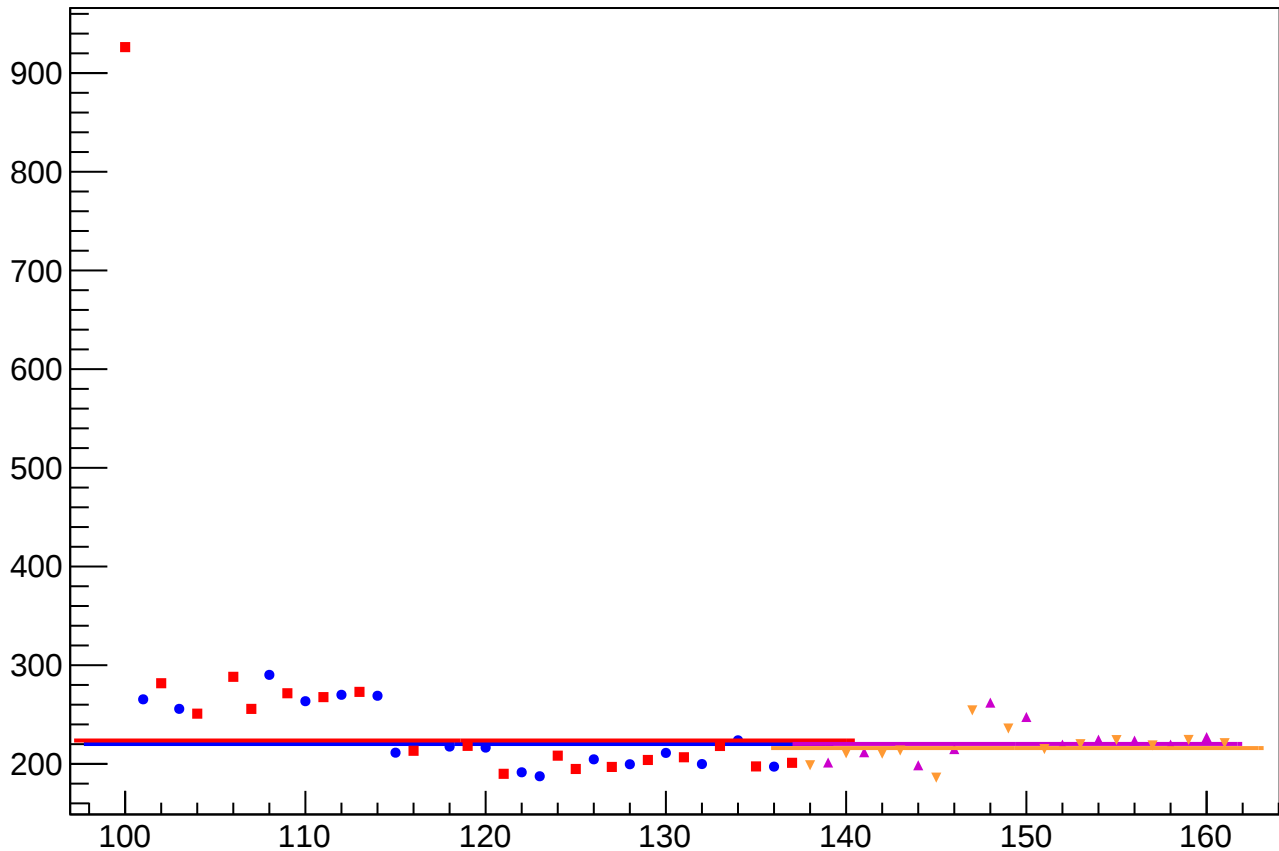
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -78.940 $\pm$ 55.720 χ^2 /NDF:34.5/27

Out: -130.606 $\pm$ 53.554 χ^2 /NDF:44.6/31

All: -105.797 $\pm$ 38.611 χ^2 /NDF: 79.5/59

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 216.022 $\pm$ 0.049 χ^2 /NDF: 105581.4/12

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 220.237 $\pm$ 0.052 χ^2 /NDF: 102712.8/10

Left: 217.996 $\pm$ 0.036 χ^2 /NDF: 211802.8/23

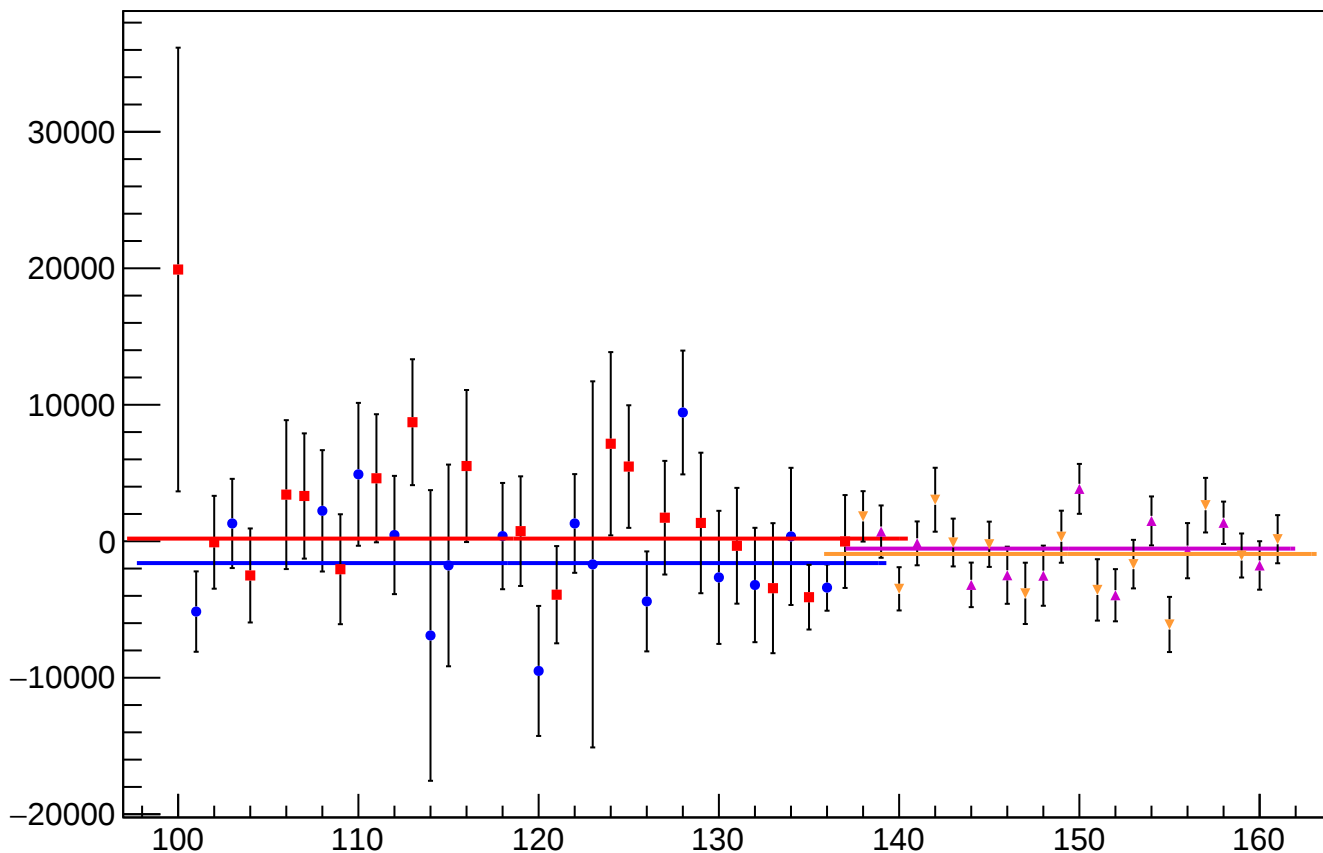
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 220.193 $\pm$ 0.039 χ^2 /NDF: 331158.6/27

Out: 219.060 $\pm$ 0.038 χ^2 /NDF: 468664.8/31

All: 219.604 $\pm$ 0.027 χ^2 /NDF: 800253.1/59

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -930.773 $\pm$ 516.325 χ^2 /NDF:21.9/12

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -539.088 $\pm$ 548.104 χ^2 /NDF:17.0/10

Left: -746.614 $\pm$ 375.830 χ^2 /NDF: 39.1/23

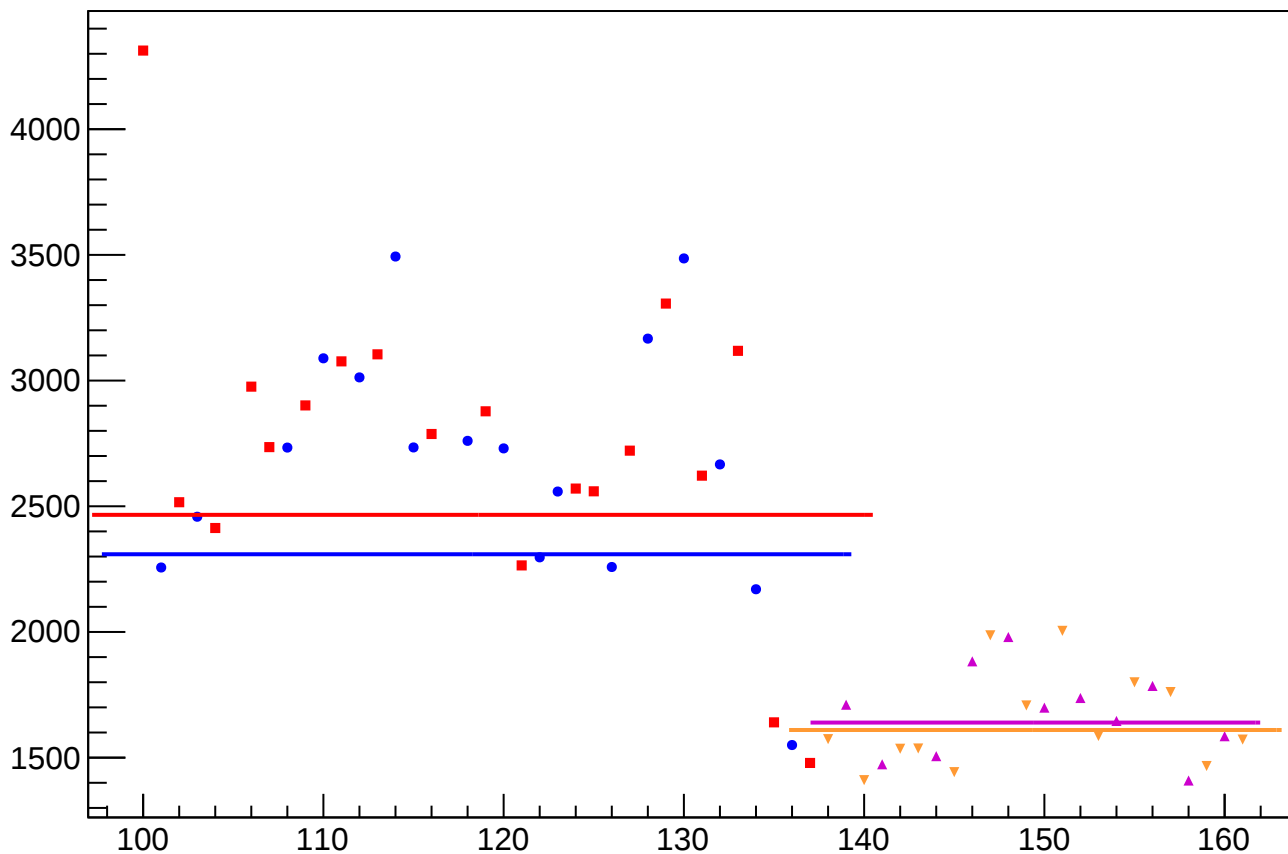
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -816.288 $\pm$ 471.012 χ^2 /NDF:34.6/27

Out: -673.012 $\pm$ 453.377 χ^2 /NDF:39.2/31

All: -741.918 $\pm$ 326.643 χ^2 /NDF: 73.9/59

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1610.037 $\pm$ 0.365 χ^2/NDF :227517.9/12

Right Out: 2465.900 $\pm$ 0.670 χ^2/NDF : 694086.3/18

Left In: 1639.569 $\pm$ 0.388 χ^2/NDF :175990.9/10

Left: 1623.922 $\pm$ 0.266 χ^2/NDF : 406584.8/23

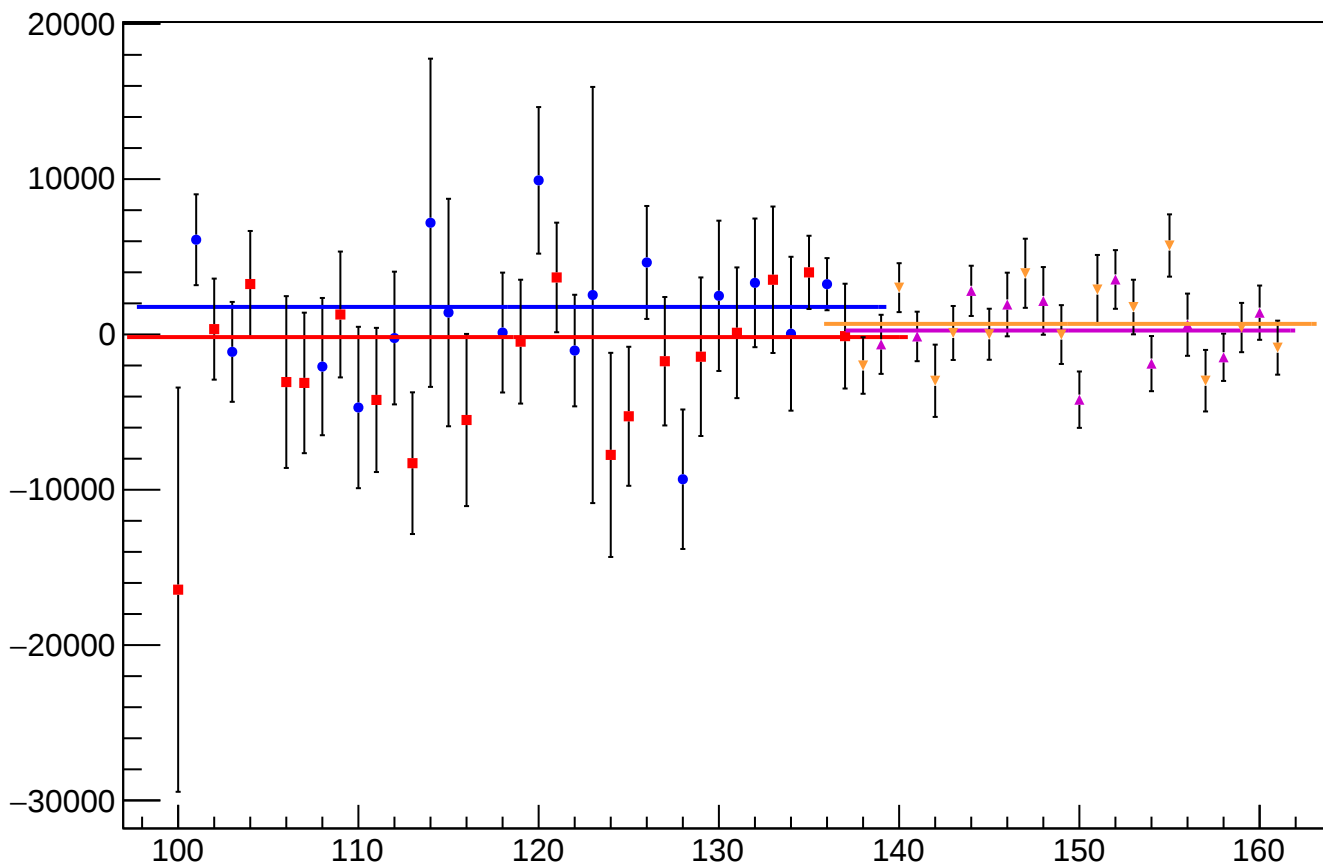
Right: 2385.298 $\pm$ 0.467 χ^2/NDF : 1522965.3/35

In: 1814.673 $\pm$ 0.333 χ^2/NDF :1757254.3/27

Out: 1806.004 $\pm$ 0.321 χ^2/NDF :2179859.2/31

All: 1810.173 $\pm$ 0.231 χ^2/NDF : 3937465.2/59

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 679.740 $\pm$ 511.076 χ^2/NDF : 21.3/12

Right Out: -170.902 $\pm$ 937.411 χ^2/NDF : 16.0/18

Left In: 252.523 $\pm$ 541.530 χ^2/NDF : 16.4/10

Left: 478.482 $\pm$ 371.686 χ^2/NDF : 38.1/23

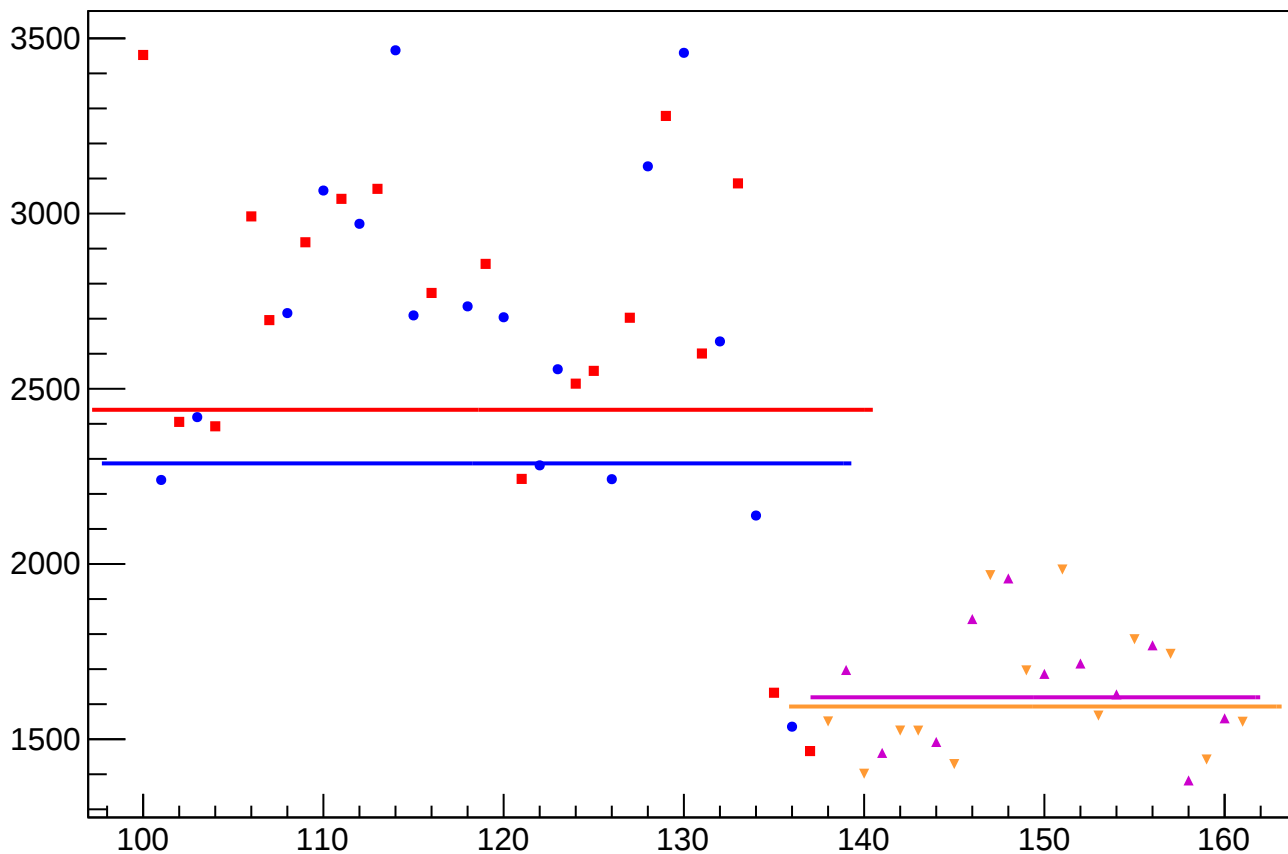
Right: 826.520 $\pm$ 653.801 χ^2/NDF : 35.6/35

In: 648.209 $\pm$ 465.674 χ^2/NDF : 35.8/27

Out: 484.829 $\pm$ 448.720 χ^2/NDF : 38.0/31

All: 563.491 $\pm$ 323.120 χ^2/NDF : 73.8/59

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1593.306+/-0.361 χ^2/NDF : 229601.2/12

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1619.655+/-0.383 χ^2/NDF : 177583.6/10

Left: 1605.719+/-0.263 χ^2/NDF : 409689.3/23

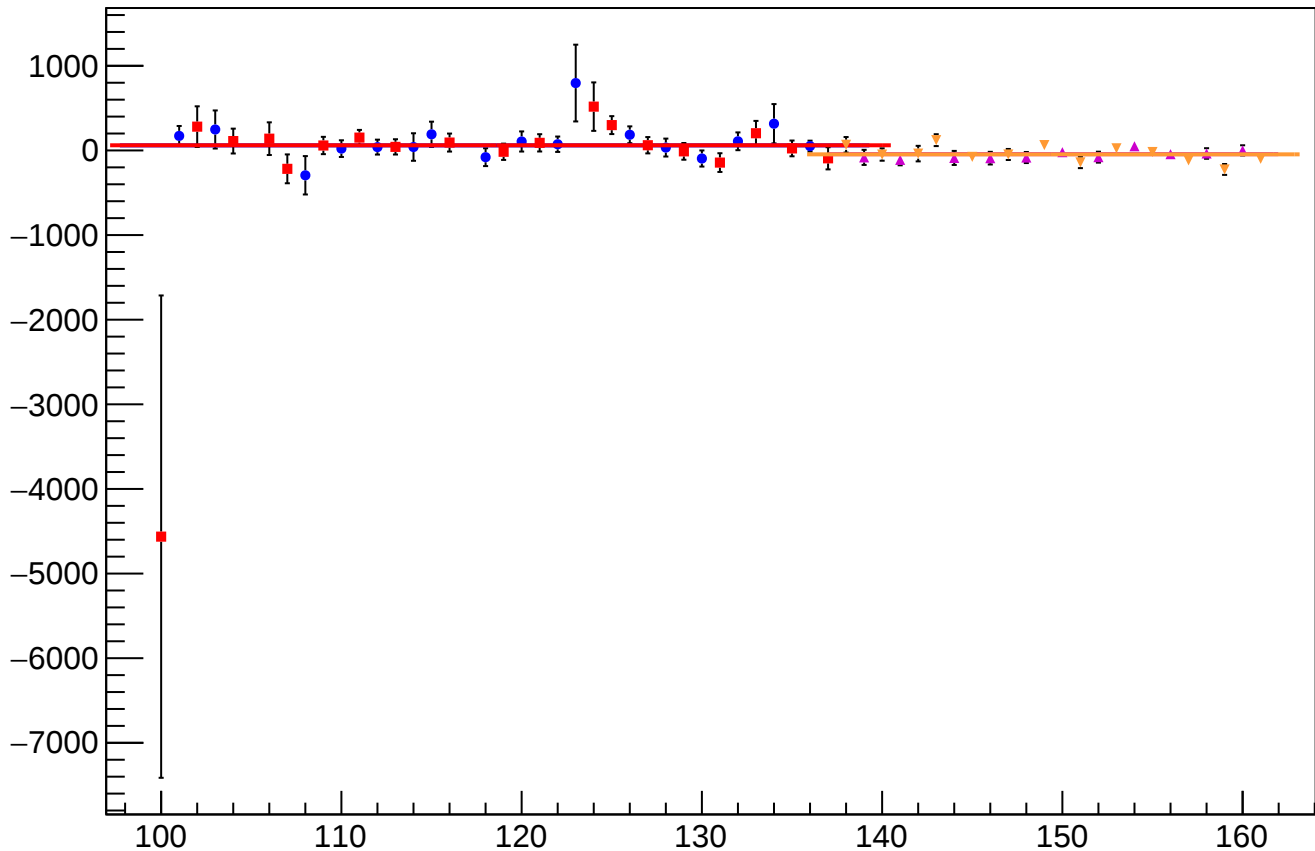
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1793.547+/-0.329 χ^2/NDF : 1768535.6/27

Out: 1787.328+/-0.317 χ^2/NDF : 2166682.0/31

All: 1790.322+/-0.228 χ^2/NDF : 3935402.5/59

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -46.118 ± 17.892 $\chi^2/\text{NDF}: 24.9/12$

Right Out: 60.983 ± 27.009 $\chi^2/\text{NDF}: 22.3/18$

Left In: -43.790 ± 19.452 $\chi^2/\text{NDF}: 6.4/10$

Left: -45.051 ± 13.169 $\chi^2/\text{NDF}: 31.3/23$

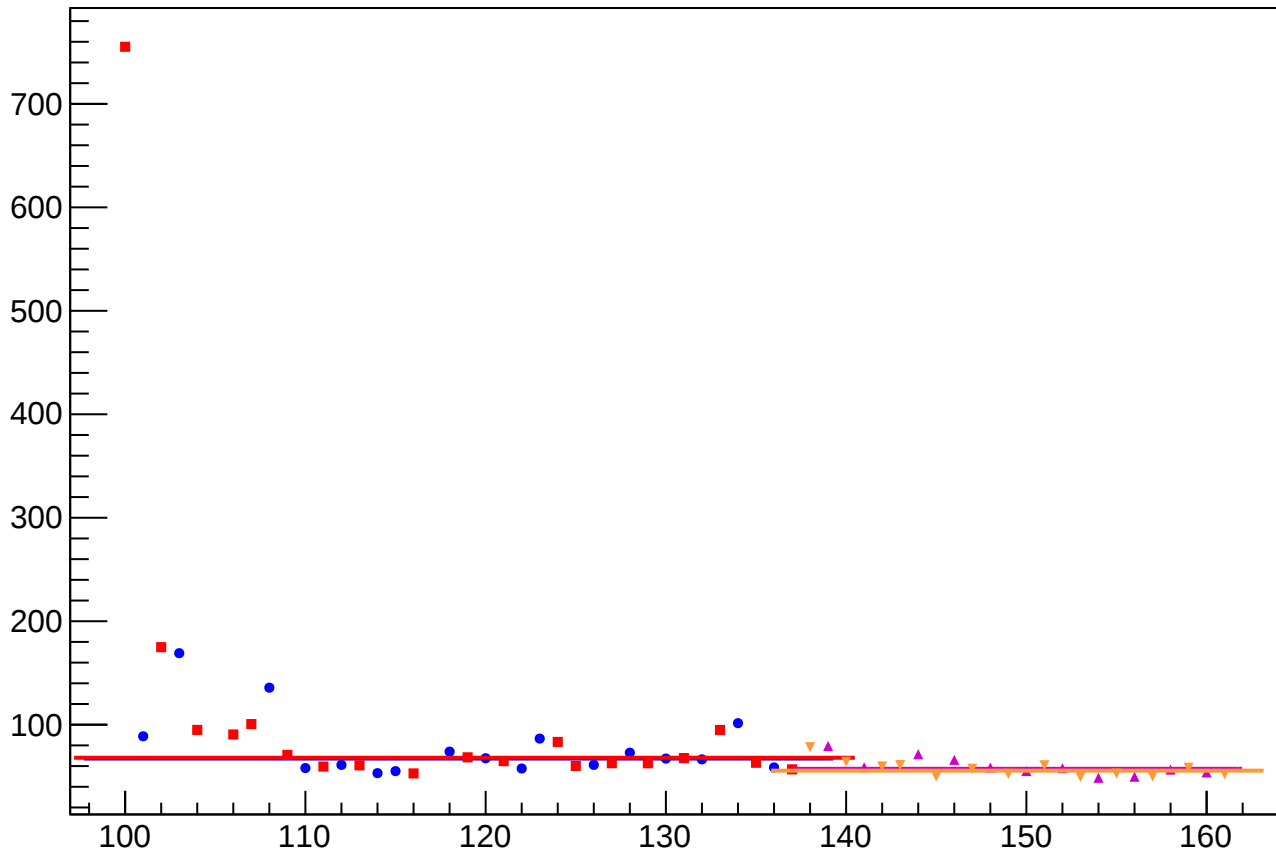
Right: 60.322 ± 19.123 $\chi^2/\text{NDF}: 37.7/35$

In: -8.580 ± 15.799 $\chi^2/\text{NDF}: 31.4/27$

Out: -13.454 ± 14.916 $\chi^2/\text{NDF}: 58.1/31$

All: -11.157 ± 10.846 $\chi^2/\text{NDF}: 89.6/59$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.594 $\pm$ 0.013 χ^2 /NDF: 261638.1/12

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 57.352 $\pm$ 0.014 χ^2 /NDF: 307388.7/10

Left: 56.400 $\pm$ 0.009 χ^2 /NDF: 577874.2/23

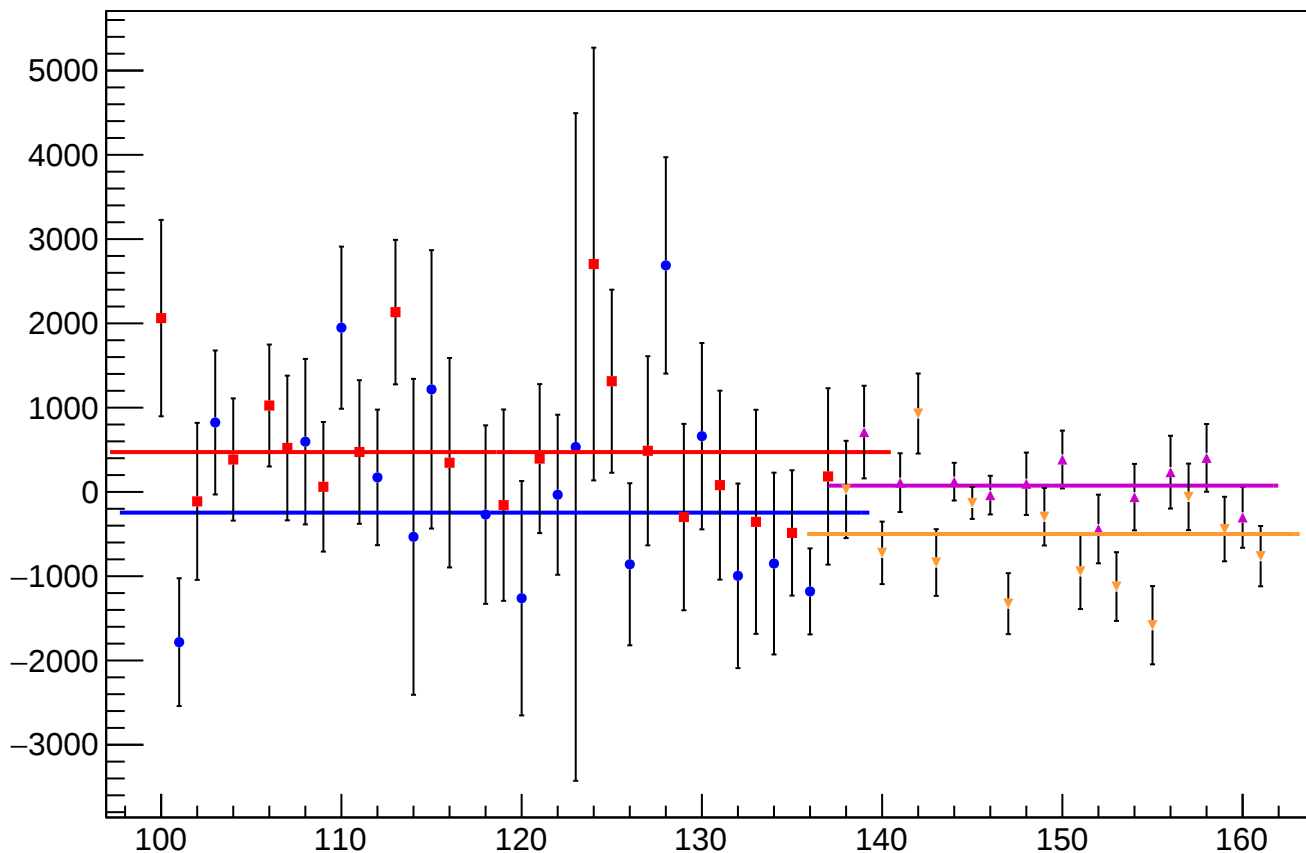
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 60.737 $\pm$ 0.011 χ^2 /NDF: 1326674.2/27

Out: 59.396 $\pm$ 0.011 χ^2 /NDF: 1428353.3/31

All: 60.028 $\pm$ 0.008 χ^2 /NDF: 2762644.7/59

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2/NDF : 23.8/16

Left Out: -499.104 $\pm$ 99.102 χ^2/NDF :30.9/12

Right Out: 472.860 $\pm$ 218.823 χ^2/NDF : 11.3/18

Left In: 74.834 $\pm$ 100.999 χ^2/NDF :6.1/10

Left: -217.575 $\pm$ 70.737 χ^2/NDF : 53.4/23

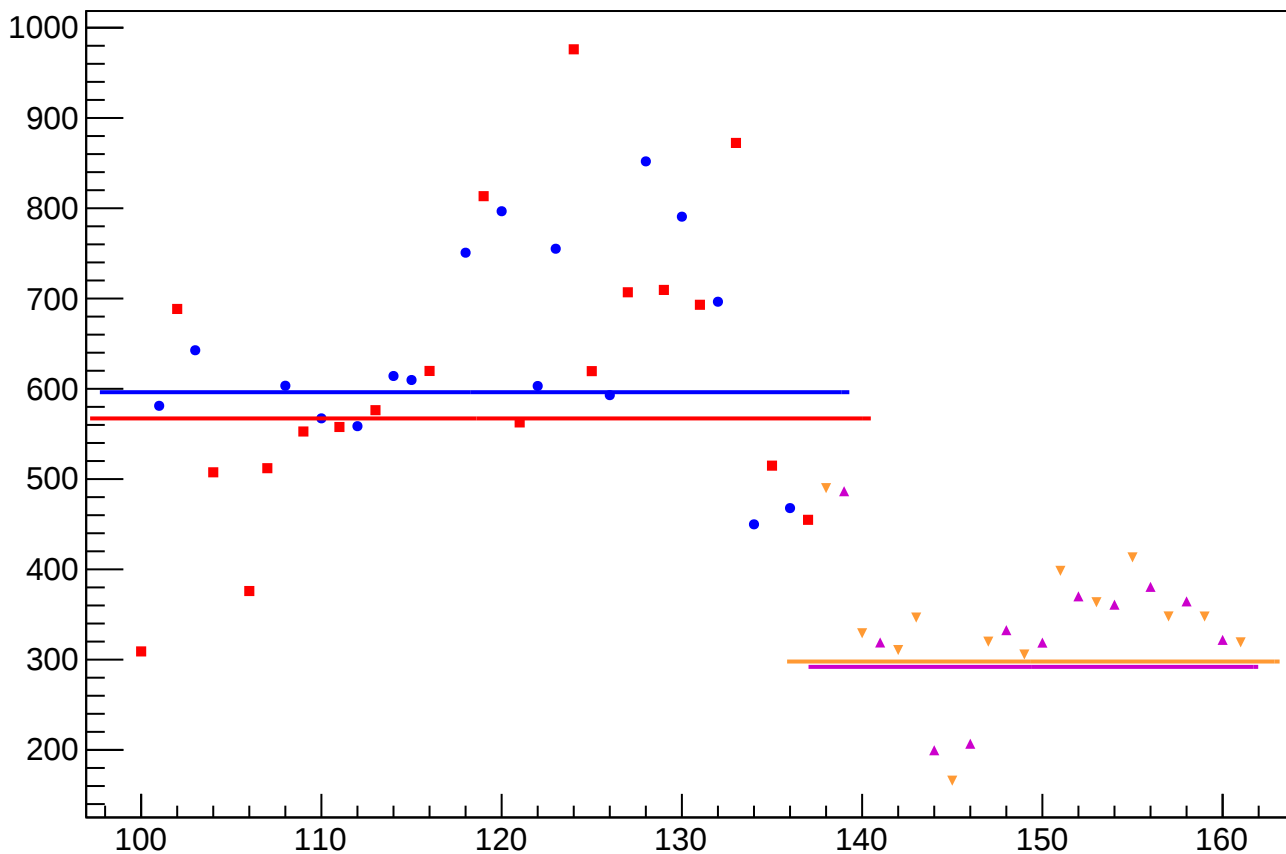
Right: 139.807 $\pm$ 160.273 χ^2/NDF : 40.1/35

In: 25.014 $\pm$ 92.817 χ^2/NDF :31.4/27

Out: -333.679 $\pm$ 90.275 χ^2/NDF :58.6/31

All: -159.310 $\pm$ 64.714 χ^2/NDF : 97.7/59

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 297.904+/-0.070 χ^2/NDF :1592510.7/12

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 291.981+/-0.071 χ^2/NDF :1213265.2/10

Left: 294.999+/-0.050 χ^2/NDF : 2809279.3/23

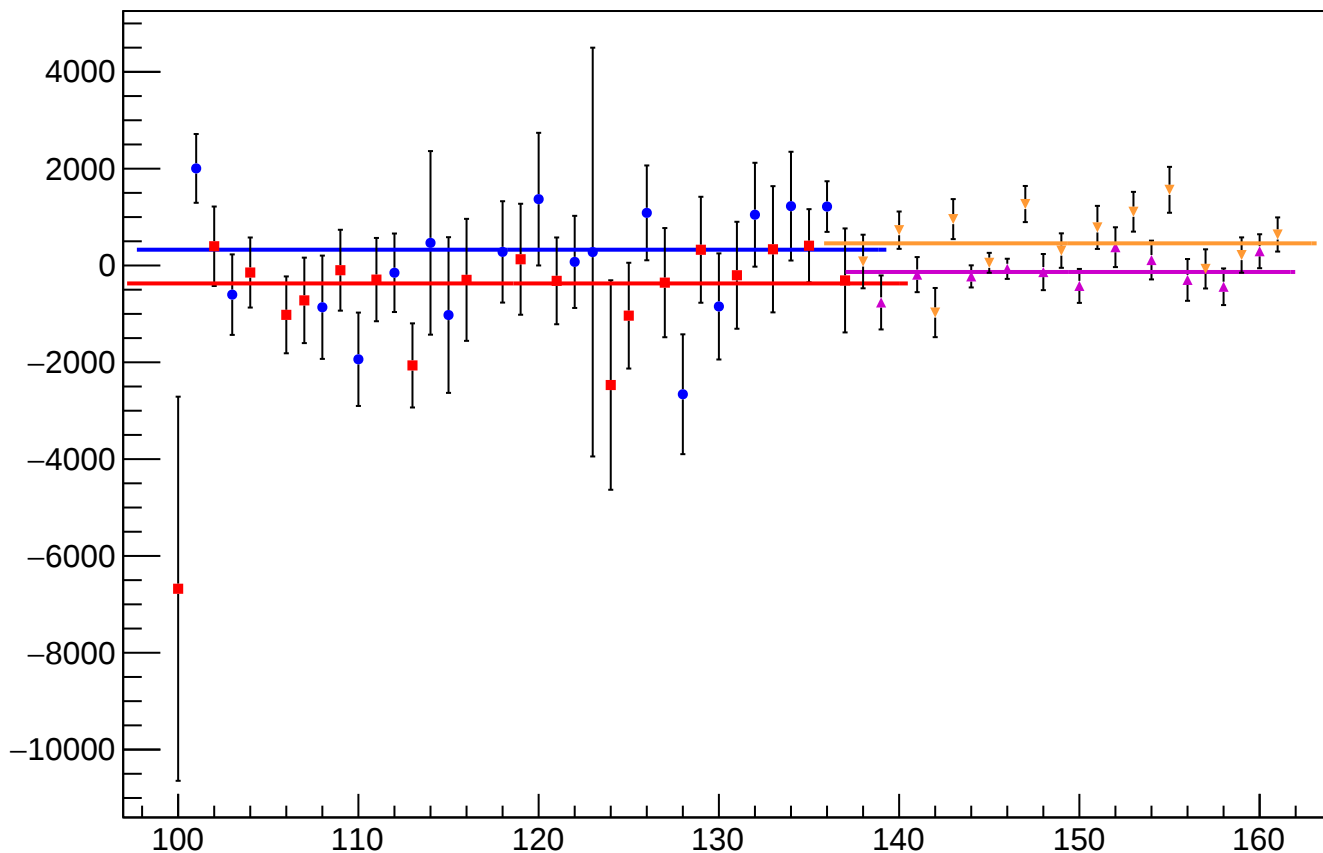
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 339.283+/-0.066 χ^2/NDF :4457201.2/27

Out: 343.733+/-0.064 χ^2/NDF :4780970.7/31

All: 341.570+/-0.046 χ^2/NDF : 9240534.6/59

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 457.586 $\pm$ 102.338 χ^2 /NDF:30.0/12

Right Out: -370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

Left In: -134.079 $\pm$ 99.511 χ^2 /NDF:6.4/10

Left: 153.468 $\pm$ 71.343 χ^2 /NDF: 53.6/23

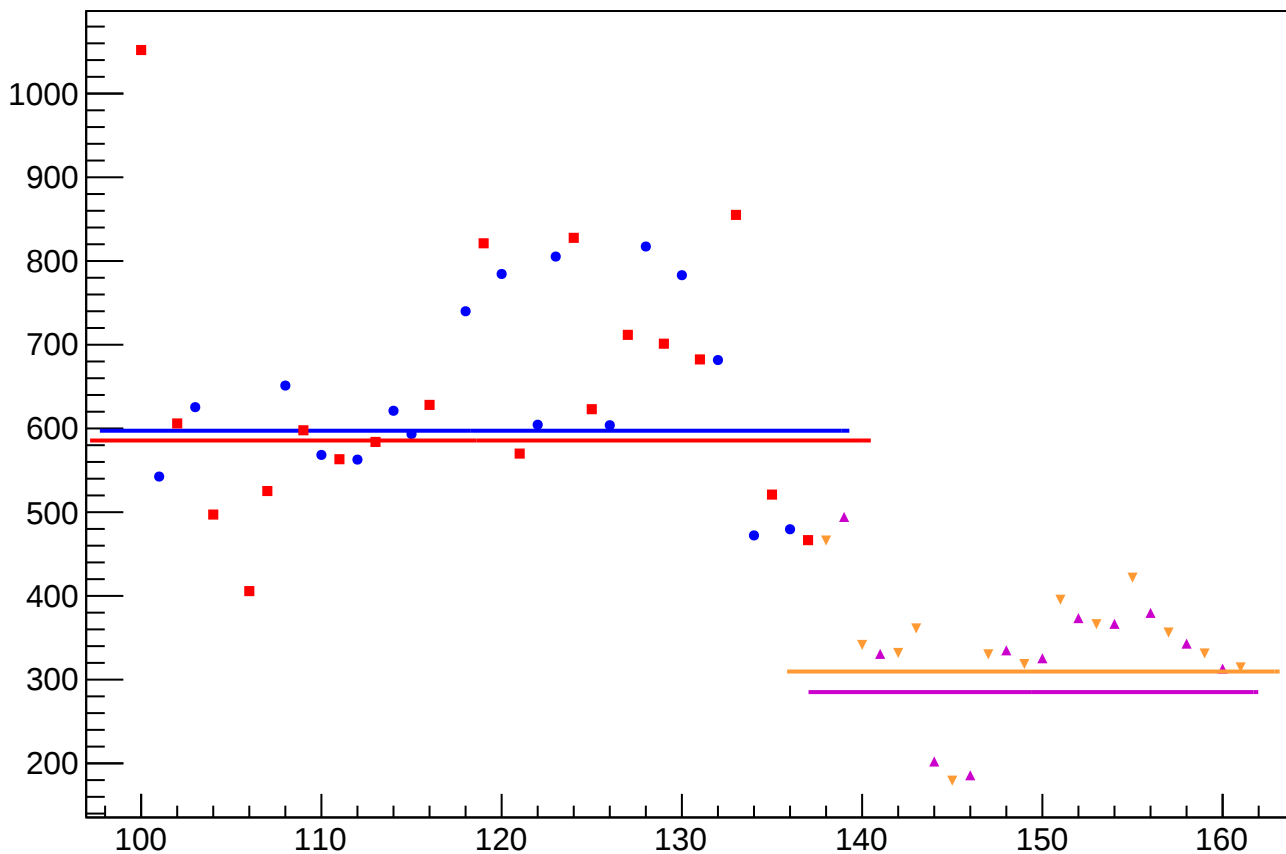
Right: -38.515 $\pm$ 162.676 χ^2 /NDF: 43.0/35

In: -64.415 $\pm$ 91.670 χ^2 /NDF:36.5/27

Out: 315.489 $\pm$ 93.147 χ^2 /NDF:52.8/31

All: 122.499 $\pm$ 65.336 χ^2 /NDF: 97.8/59

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298+/-0.167 χ^2/NDF : 363658.5/16

Left Out: 309.680+/-0.072 χ^2/NDF :1276924.3/12

Right Out: 585.615+/-0.159 χ^2/NDF : 474610.2/18

Left In: 285.110+/-0.070 χ^2/NDF :1424801.4/10

Left: 297.051+/-0.050 χ^2/NDF : 2760982.5/23

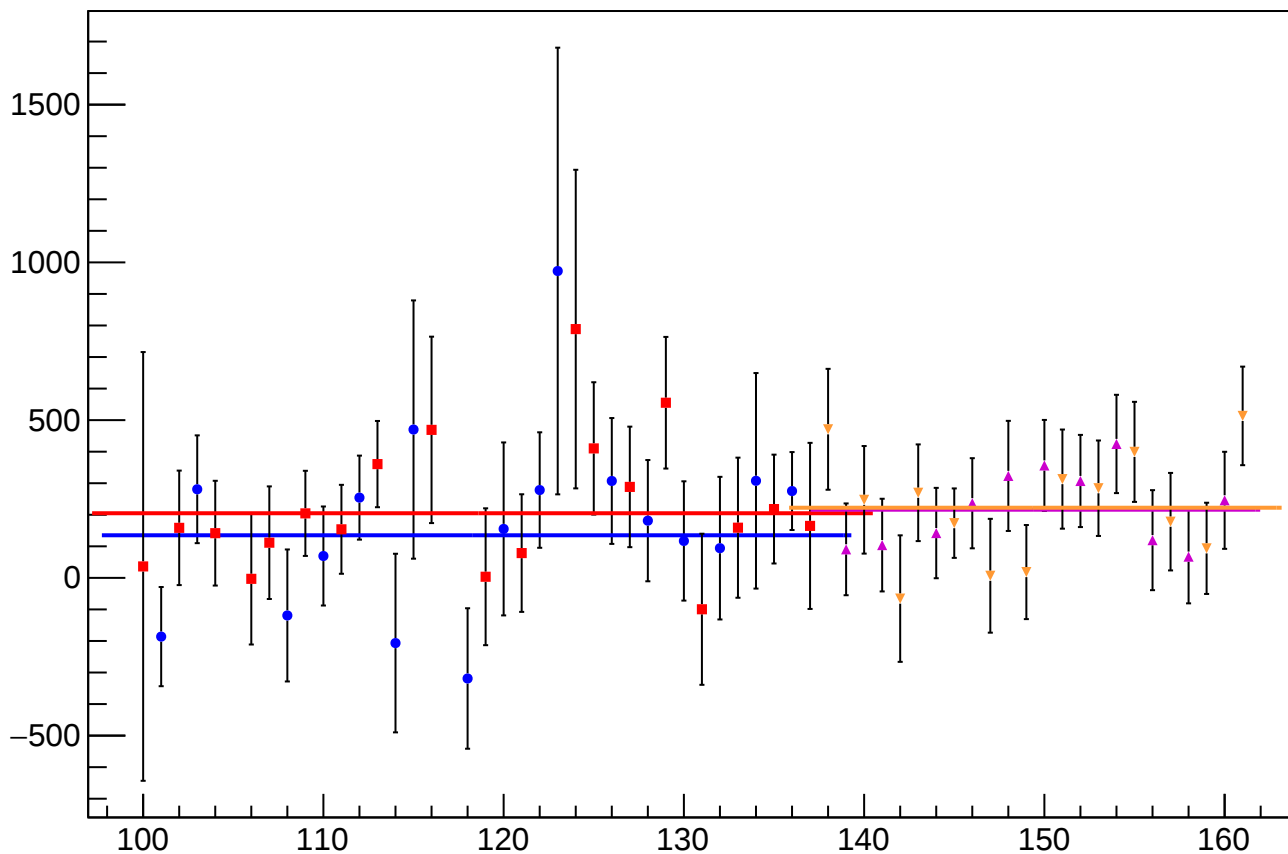
Right: 591.185+/-0.115 χ^2/NDF : 840841.8/35

In: 332.373+/-0.065 χ^2/NDF :4768493.9/27

Out: 357.017+/-0.066 χ^2/NDF :4245906.8/31

All: 344.498+/-0.046 χ^2/NDF : 9085520.2/59

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: 222.344 $\pm$ 42.955 χ^2 /NDF:13.5/12

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 216.070 $\pm$ 45.272 χ^2 /NDF:6.5/10

Left: 219.372 $\pm$ 31.161 χ^2 /NDF: 20.0/23

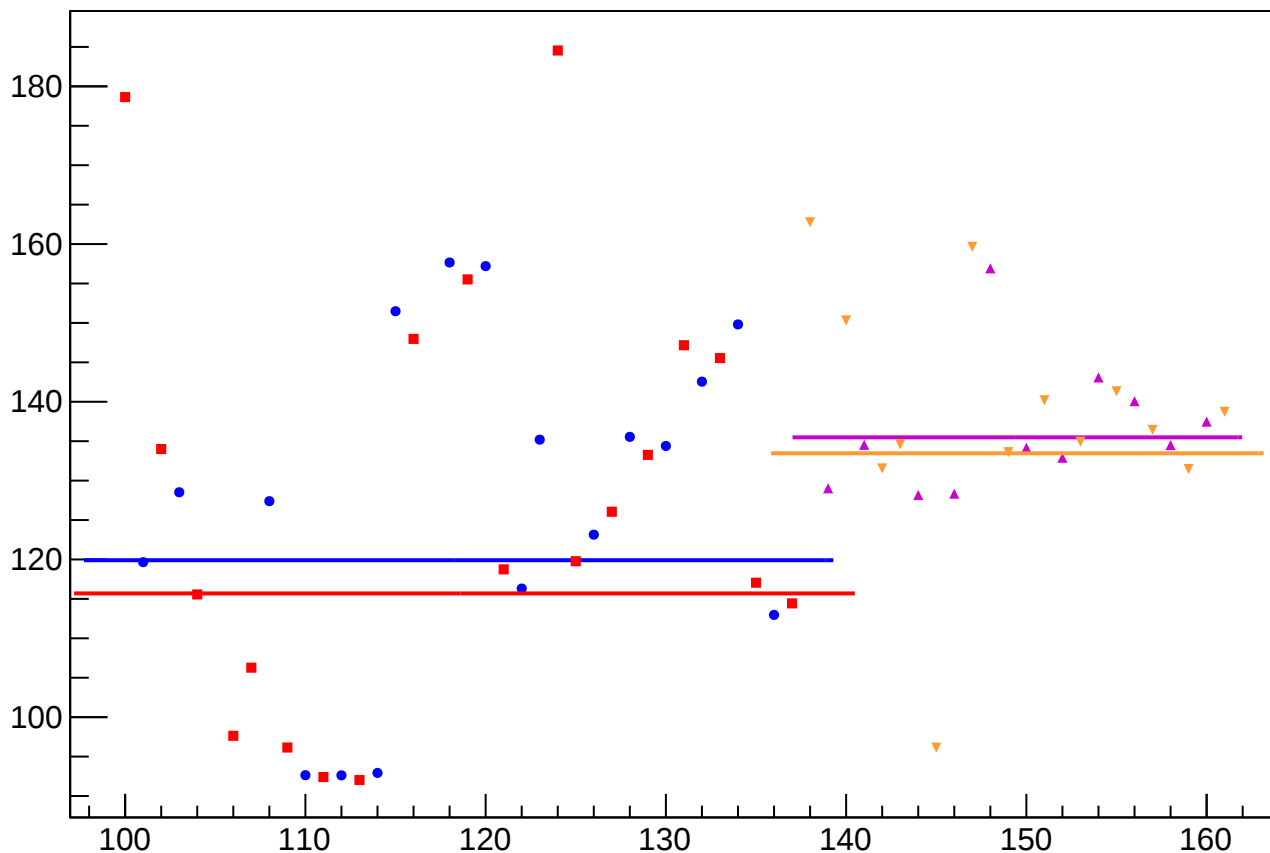
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 177.088 $\pm$ 32.614 χ^2 /NDF:26.1/27

Out: 213.902 $\pm$ 30.886 χ^2 /NDF:25.6/31

All: 196.496 $\pm$ 22.426 χ^2 /NDF: 52.4/59

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 133.466+/-0.030 χ^2/NDF : 351022.3/12

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 135.485+/-0.032 χ^2/NDF : 52057.8/10

Left: 134.423+/-0.022 χ^2/NDF : 405174.7/23

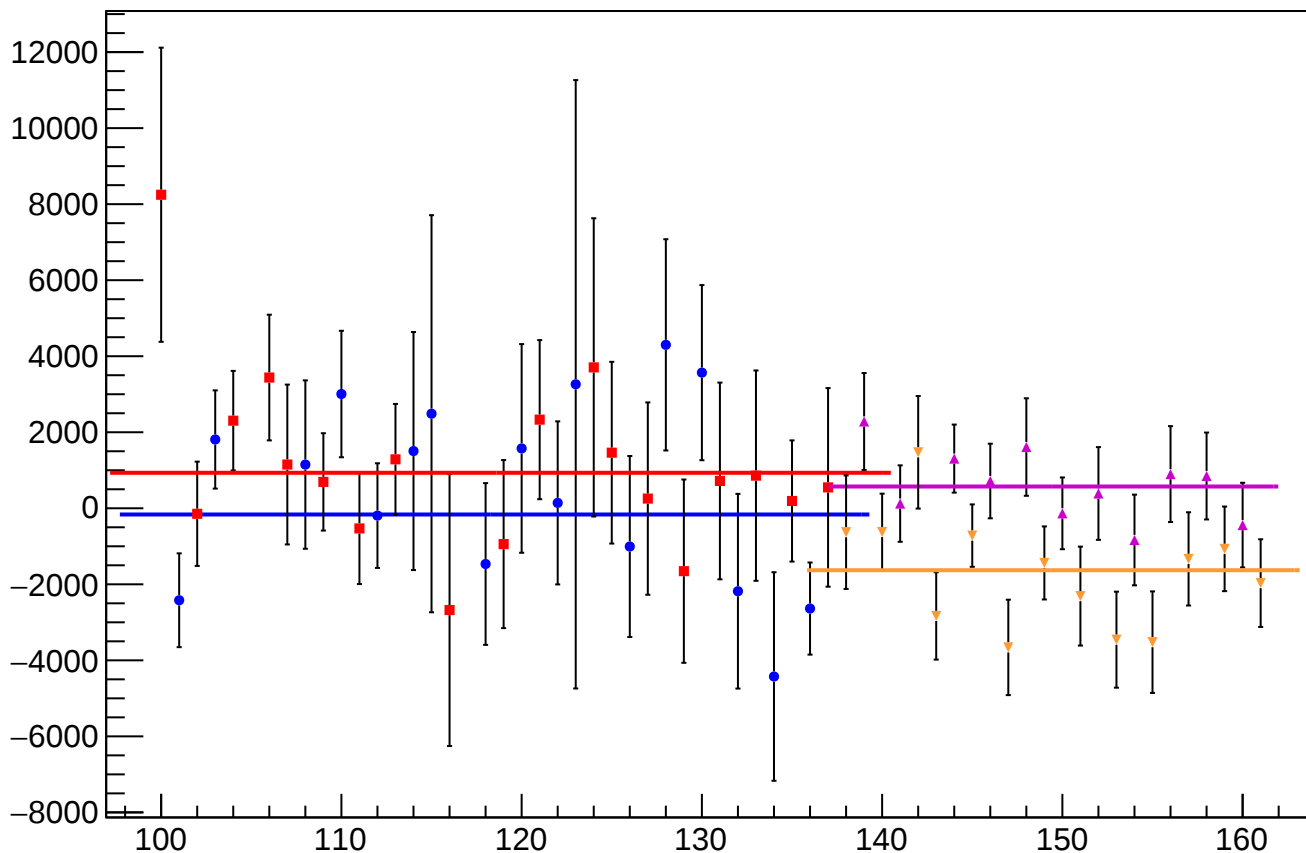
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 127.990+/-0.023 χ^2/NDF : 511536.6/27

Out: 124.881+/-0.022 χ^2/NDF : 951742.2/31

All: 126.351+/-0.016 χ^2/NDF : 1472861.5/59

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1629.540 ± 318.601 $\chi^2/\text{NDF}: 15.6/12$

Right Out: 933.992 ± 437.648 $\chi^2/\text{NDF}: 12.9/18$

Left In: 572.668 ± 329.731 $\chi^2/\text{NDF}: 6.3/10$

Left: -566.229 ± 229.119 $\chi^2/\text{NDF}: 44.9/23$

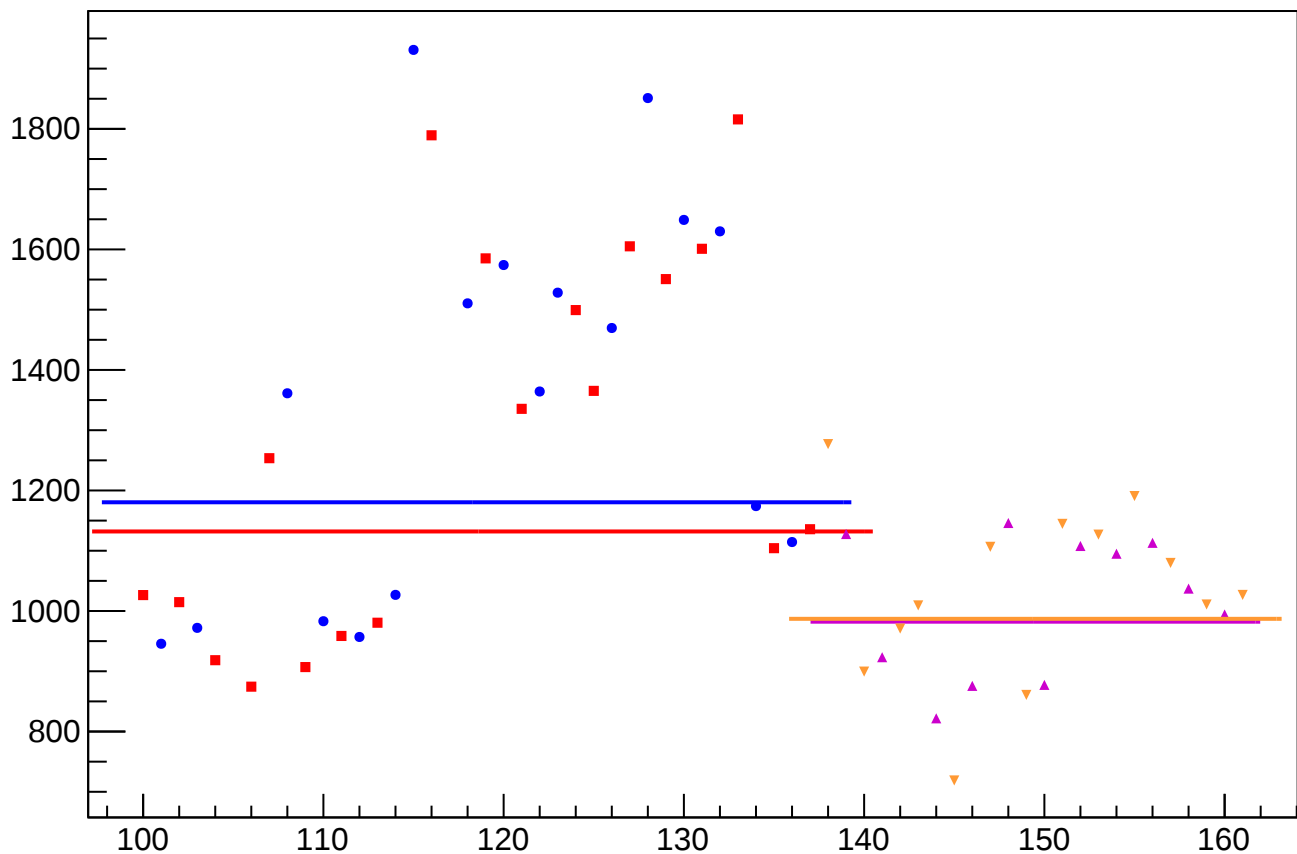
Right: 423.822 ± 320.162 $\chi^2/\text{NDF}: 39.5/35$

In: 329.555 ± 269.851 $\chi^2/\text{NDF}: 31.6/27$

Out: -741.561 ± 257.577 $\chi^2/\text{NDF}: 50.9/31$

All: -230.916 ± 186.323 $\chi^2/\text{NDF}: 90.8/59$

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: 987.018 $\pm$ 0.225 χ^2 /NDF: 472818.8/12

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 982.272 $\pm$ 0.233 χ^2 /NDF: 243431.8/10

Left: 984.726 $\pm$ 0.162 χ^2 /NDF: 716464.9/23

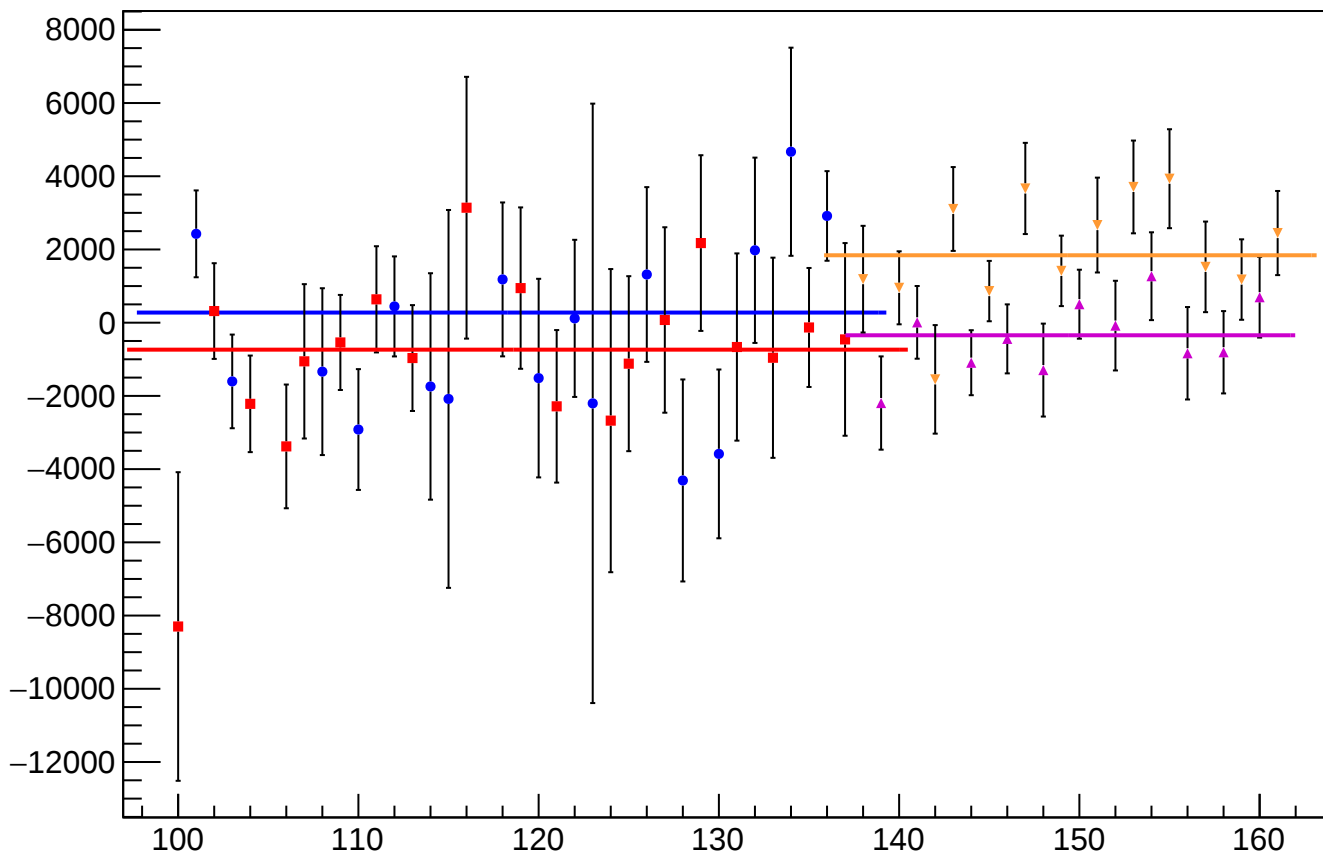
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1047.699 $\pm$ 0.191 χ^2 /NDF: 1150742.4/27

Out: 1037.231 $\pm$ 0.182 χ^2 /NDF: 1378138.8/31

All: 1042.222 $\pm$ 0.132 χ^2 /NDF: 2530456.2/59

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1841.408 $\pm$ 317.883 χ^2 /NDF:16.9/12

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -344.005 $\pm$ 326.575 χ^2 /NDF:7.4/10

Left: 778.169 $\pm$ 227.788 χ^2 /NDF: 47.3/23

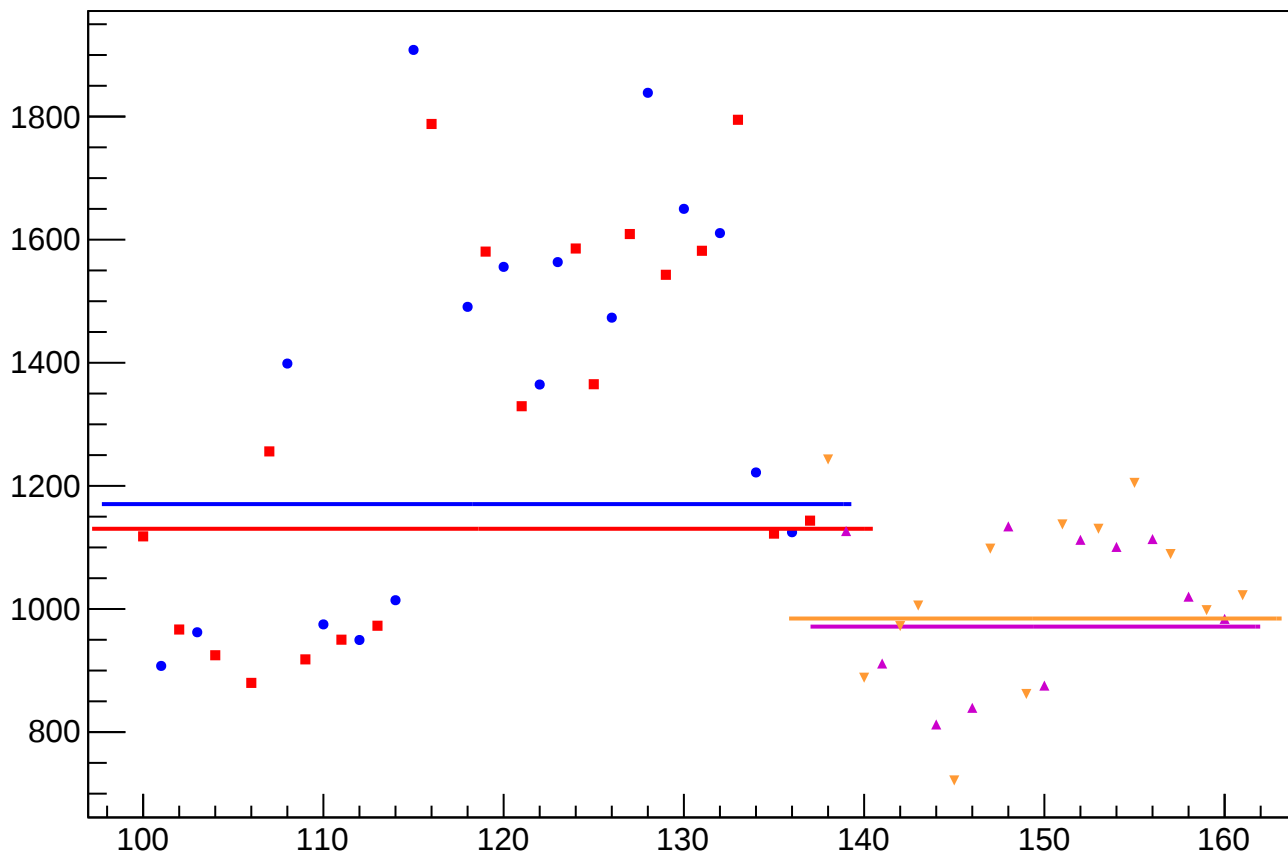
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -139.907 $\pm$ 267.520 χ^2 /NDF:32.9/27

Out: 950.462 $\pm$ 257.157 χ^2 /NDF:52.4/31

All: 426.805 $\pm$ 185.393 χ^2 /NDF: 94.0/59

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 984.526 $\pm$ 0.225 χ^2 /NDF: 459389.1/12

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 971.379 $\pm$ 0.231 χ^2 /NDF: 273153.8/10

Left: 978.130 $\pm$ 0.161 χ^2 /NDF: 734207.2/23

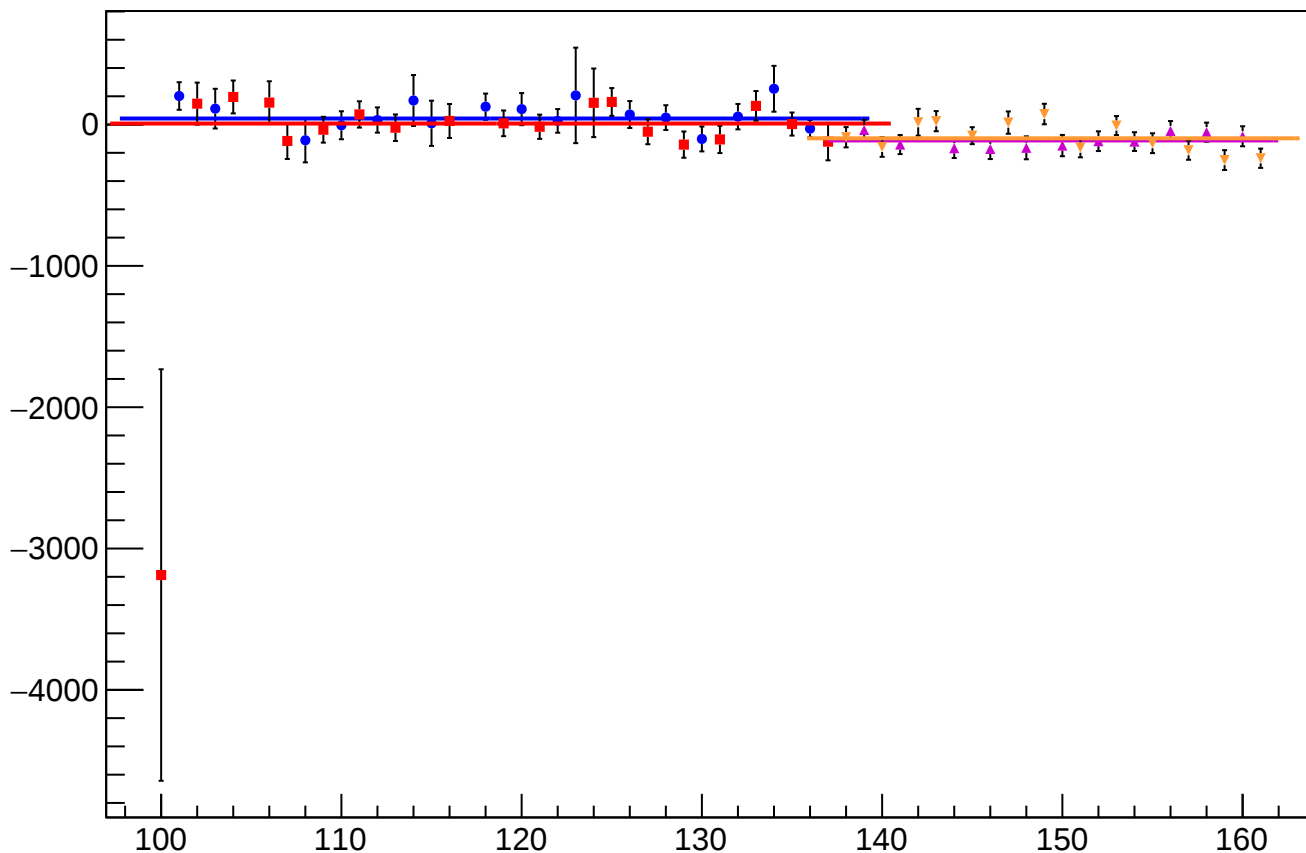
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1036.851 $\pm$ 0.189 χ^2 /NDF: 1222999.4/27

Out: 1034.910 $\pm$ 0.182 χ^2 /NDF: 1367820.7/31

All: 1035.842 $\pm$ 0.131 χ^2 /NDF: 2590874.9/59

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -97.260 ± 19.576 $\chi^2/\text{NDF}: 26.4/12$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -112.274 ± 21.323 $\chi^2/\text{NDF}: 5.1/10$

Left: -104.127 ± 14.420 $\chi^2/\text{NDF}: 31.8/23$

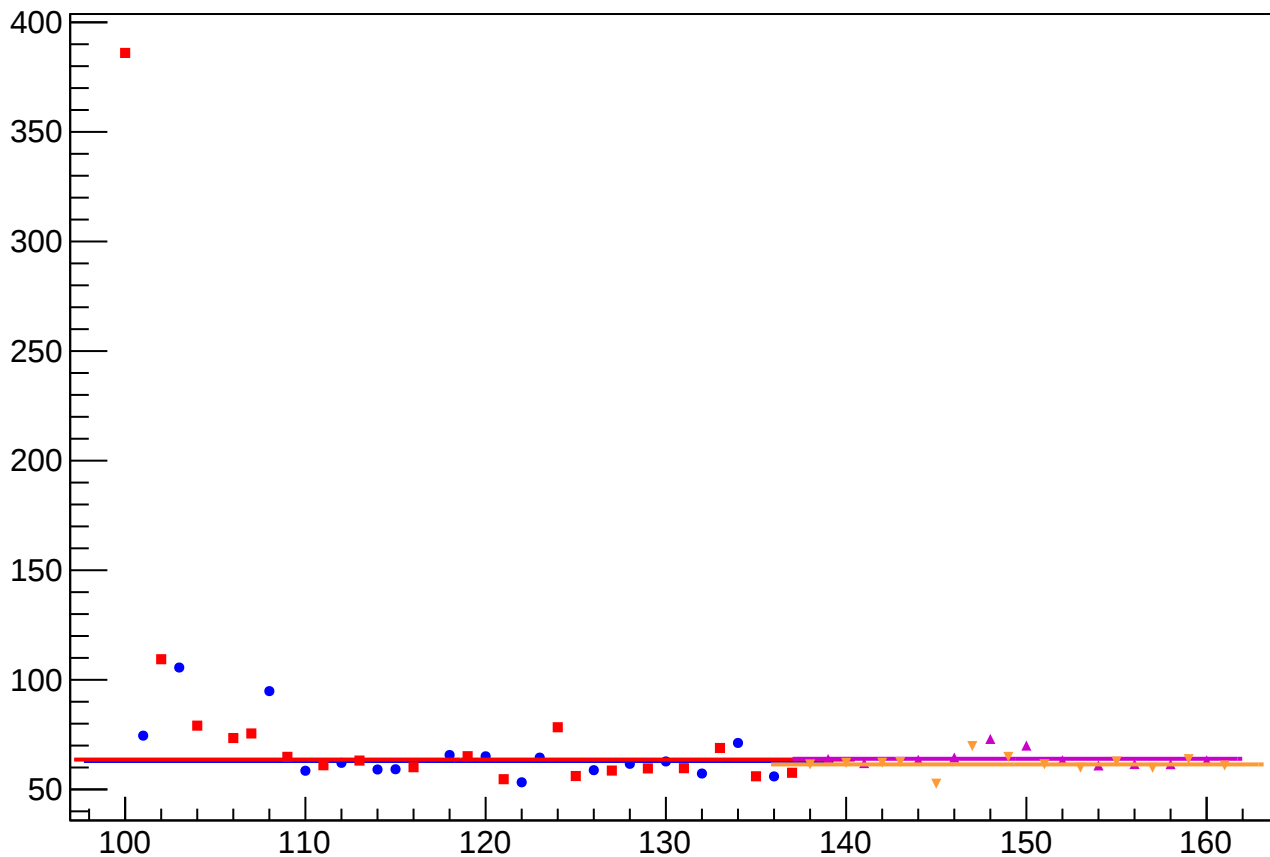
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -46.112 ± 16.141 $\chi^2/\text{NDF}: 39.6/27$

Out: -56.576 ± 15.291 $\chi^2/\text{NDF}: 58.1/31$

All: -51.626 ± 11.101 $\chi^2/\text{NDF}: 98.0/59$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.405 $\pm$ 0.014 χ^2 /NDF: 75971.5/12

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.974 $\pm$ 0.015 χ^2 /NDF: 49143.3/10

Left: 62.580 $\pm$ 0.010 χ^2 /NDF: 140869.8/23

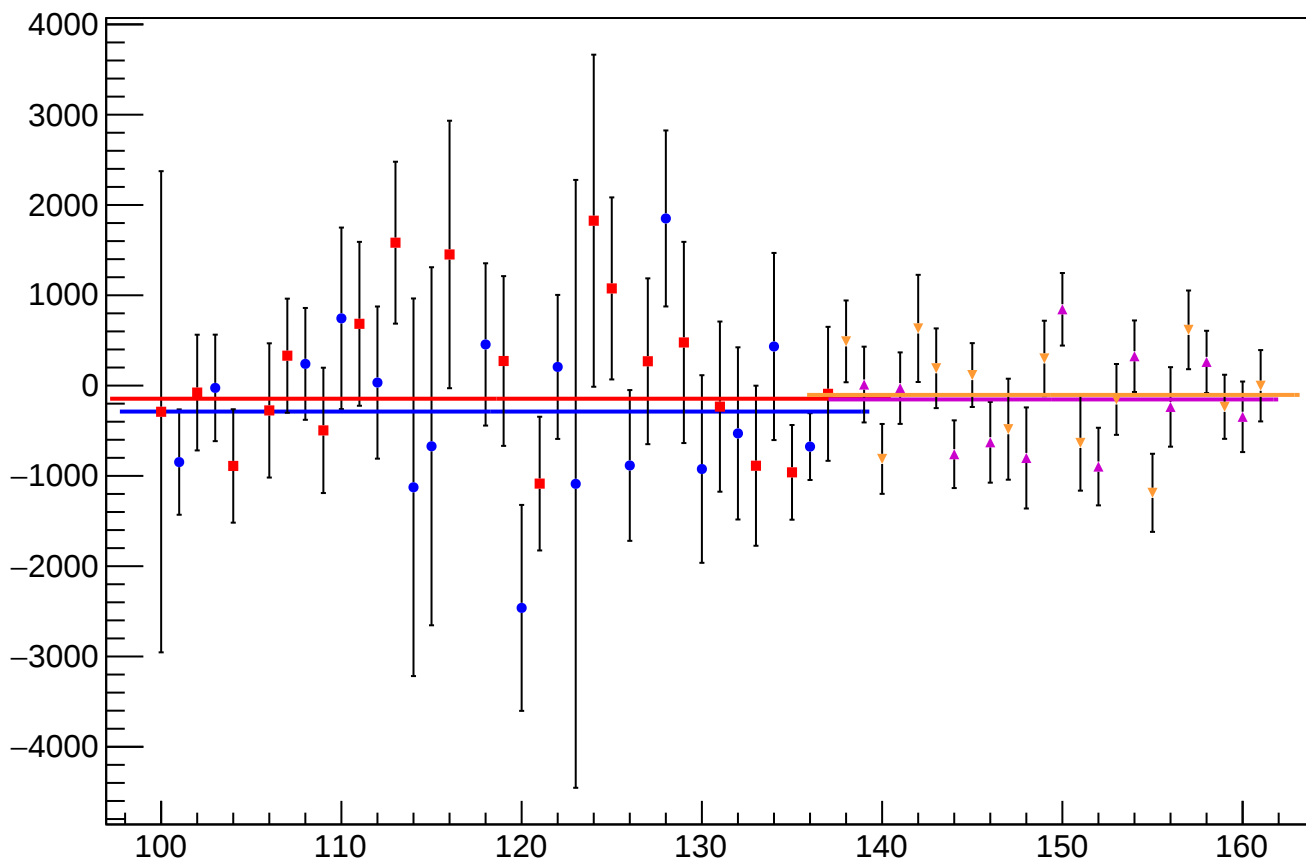
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.550 $\pm$ 0.011 χ^2 /NDF: 426261.3/27

Out: 62.266 $\pm$ 0.011 χ^2 /NDF: 519447.5/31

All: 62.873 $\pm$ 0.008 χ^2 /NDF: 952375.5/59

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: -103.235 $\pm$ 118.261 χ^2 /NDF:19.1/12

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -153.383 $\pm$ 123.580 χ^2 /NDF:17.7/10

Left: -127.207 $\pm$ 85.442 χ^2 /NDF: 36.9/23

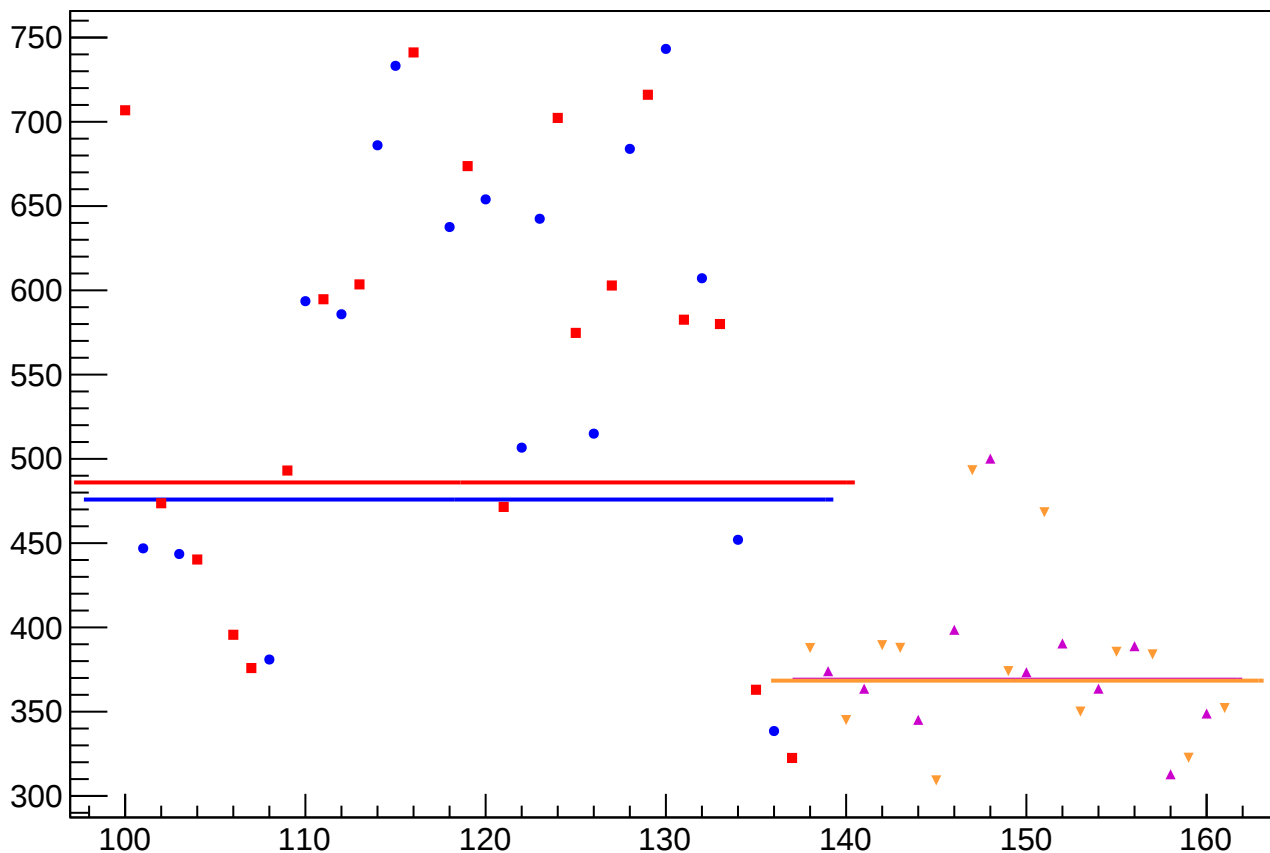
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -193.341 $\pm$ 103.577 χ^2 /NDF:33.4/27

Out: -115.235 $\pm$ 99.998 χ^2 /NDF:35.2/31

All: -152.916 $\pm$ 71.941 χ^2 /NDF: 68.9/59

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 368.416+/-0.084 χ^2/NDF : 291568.6/12

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 368.992+/-0.087 χ^2/NDF : 195304.7/10

Left: 368.691+/-0.060 χ^2/NDF : 486896.0/23

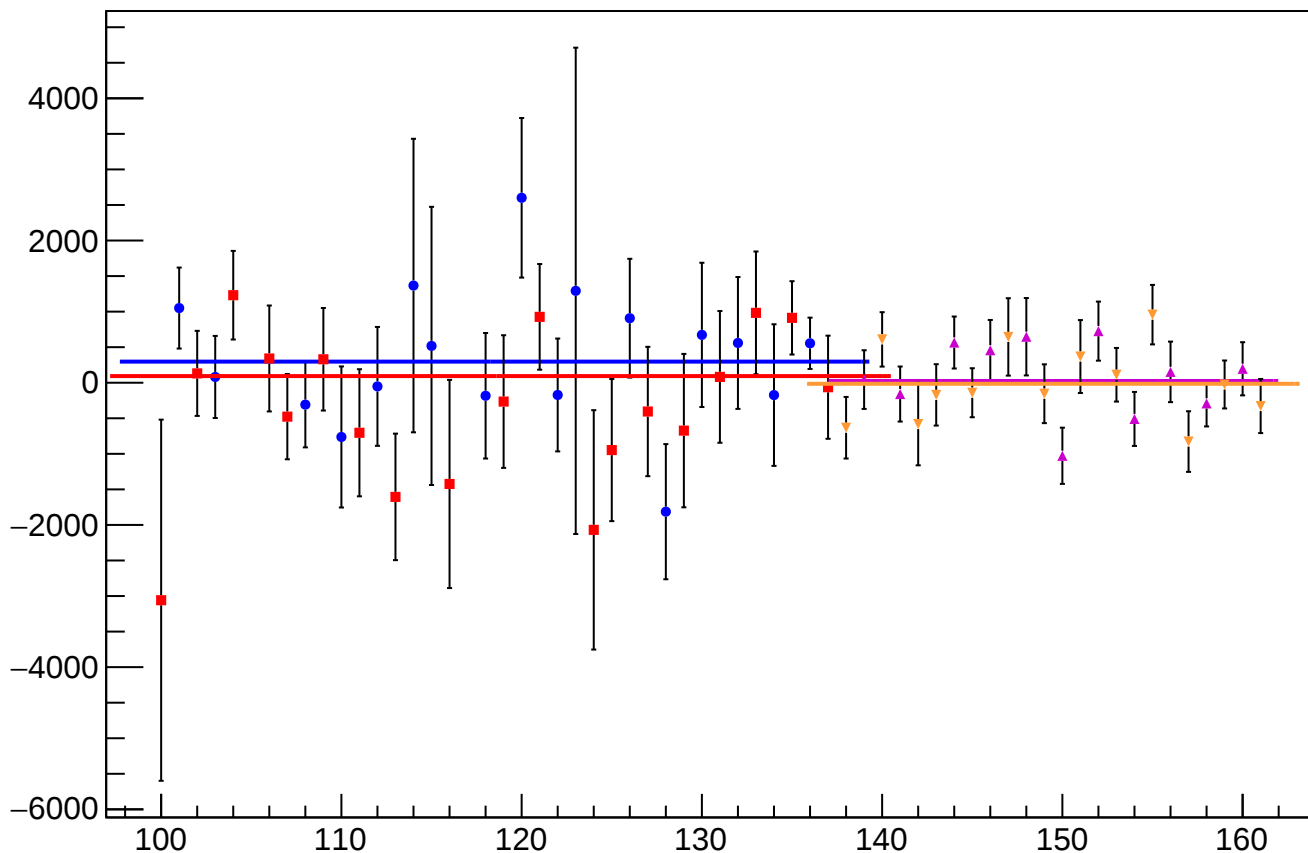
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 400.792+/-0.073 χ^2/NDF : 1478202.1/27

Out: 401.931+/-0.071 χ^2/NDF : 1585300.5/31

All: 401.381+/-0.051 χ^2/NDF : 3063627.9/59

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -14.901 $\pm$ 114.807 χ^2 /NDF:17.9/12

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 24.570 $\pm$ 119.306 χ^2 /NDF:17.9/10

Left: 4.076 $\pm$ 82.726 χ^2 /NDF: 35.8/23

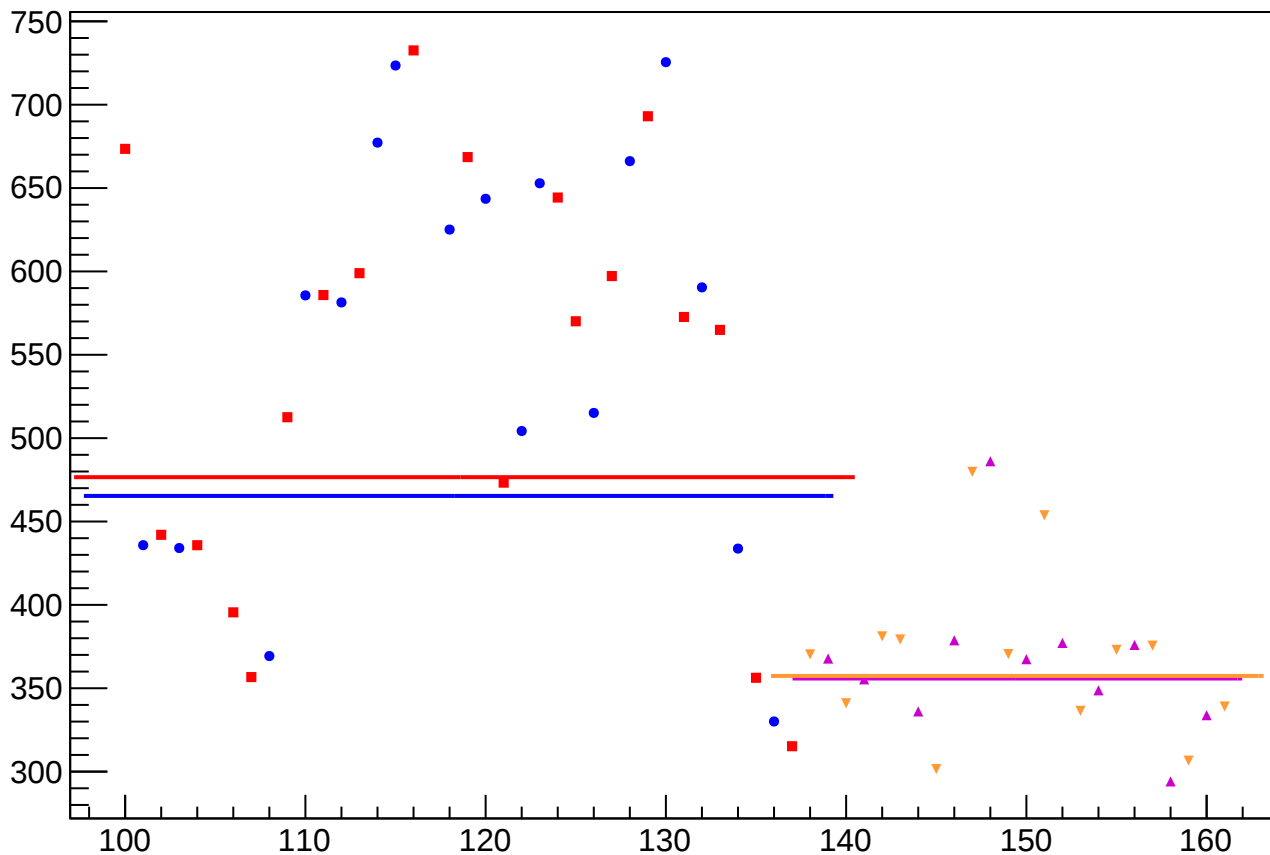
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 103.994 $\pm$ 100.419 χ^2 /NDF:35.3/27

Out: 15.501 $\pm$ 97.390 χ^2 /NDF:38.2/31

All: 58.393 $\pm$ 69.911 χ^2 /NDF: 73.9/59

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 357.390+/-0.081 χ^2/NDF : 302904.8/12

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 355.841+/-0.084 χ^2/NDF : 219651.0/10

Left: 356.645+/-0.058 χ^2/NDF : 522730.8/23

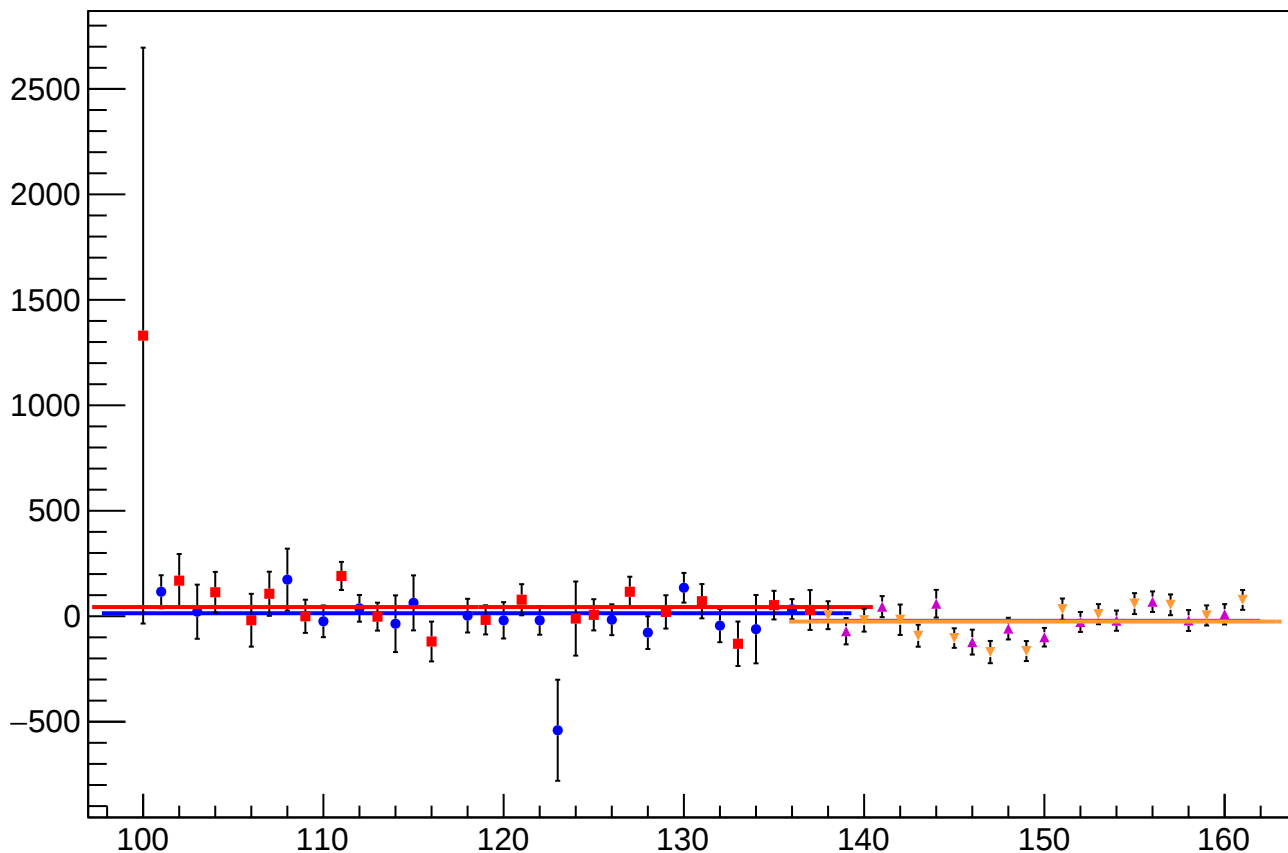
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 387.770+/-0.071 χ^2/NDF : 1571398.5/27

Out: 390.816+/-0.069 χ^2/NDF : 1660466.3/31

All: 389.340+/-0.049 χ^2/NDF : 3232812.7/59

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -25.170 ± 14.223 $\chi^2/\text{NDF}: 33.5/12$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -21.612 ± 15.410 $\chi^2/\text{NDF}: 14.4/10$

Left: -23.534 ± 10.451 $\chi^2/\text{NDF}: 48.0/23$

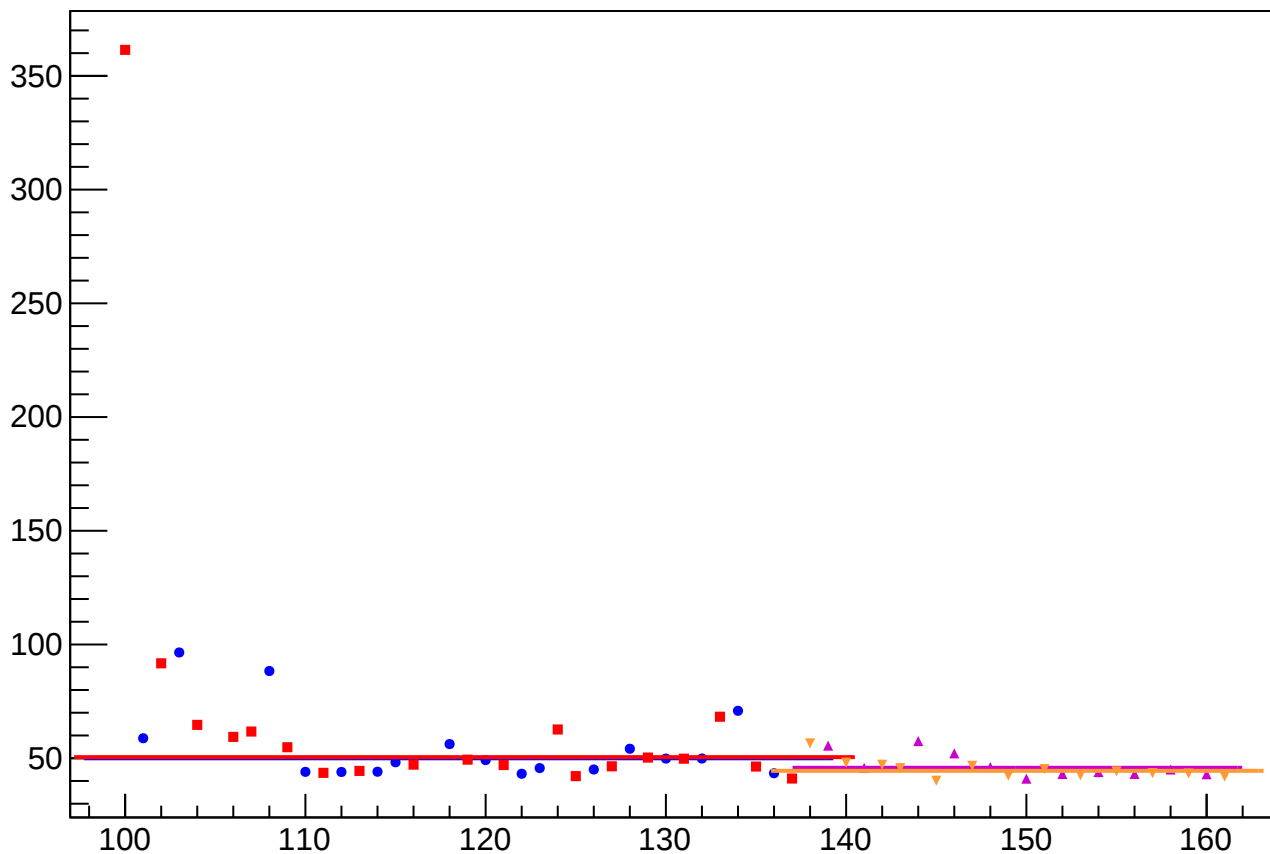
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -8.140 ± 12.176 $\chi^2/\text{NDF}: 31.2/27$

Out: -1.524 ± 11.521 $\chi^2/\text{NDF}: 58.6/31$

All: -4.649 ± 8.369 $\chi^2/\text{NDF}: 90.0/59$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 44.466 $\pm$ 0.010 χ^2 /NDF: 115886.9/12

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 45.794 $\pm$ 0.011 χ^2 /NDF: 182734.6/10

Left: 45.076 $\pm$ 0.007 χ^2 /NDF: 306641.6/23

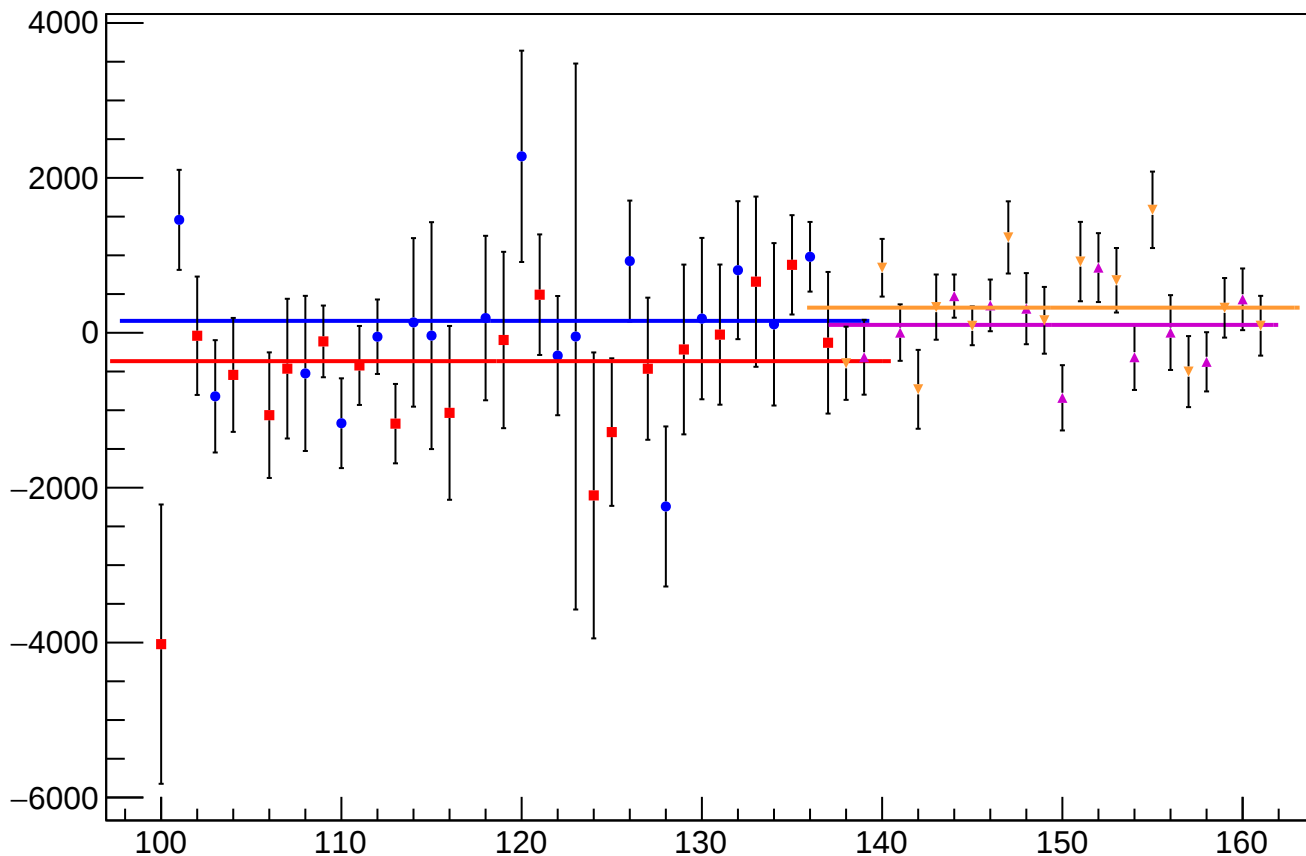
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 47.364 $\pm$ 0.009 χ^2 /NDF: 816752.8/27

Out: 46.531 $\pm$ 0.008 χ^2 /NDF: 809840.7/31

All: 46.924 $\pm$ 0.006 χ^2 /NDF: 1631527.9/59

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: 324.588 $\pm$ 112.504 χ^2 /NDF:25.5/12

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 101.973 $\pm$ 117.784 χ^2 /NDF:14.4/10

Left: 218.382 $\pm$ 81.355 χ^2 /NDF: 41.8/23

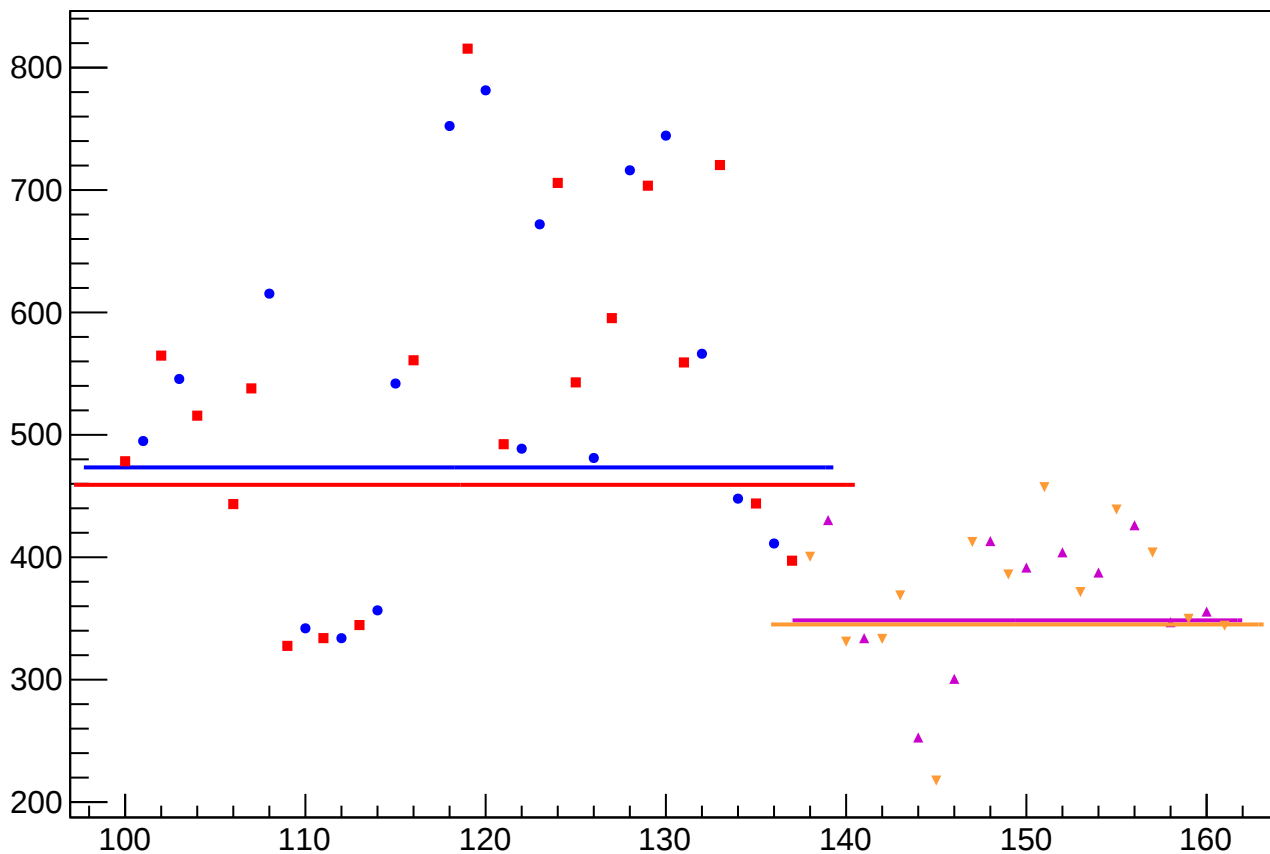
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 116.376 $\pm$ 100.104 χ^2 /NDF:39.2/27

Out: 128.811 $\pm$ 95.239 χ^2 /NDF:52.4/31

All: 122.903 $\pm$ 69.000 χ^2 /NDF: 91.7/59

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 345.110+/-0.080 χ^2/NDF : 825269.3/12

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 348.446+/-0.083 χ^2/NDF : 498551.6/10

Left: 346.702+/-0.058 χ^2/NDF : 1324659.9/23

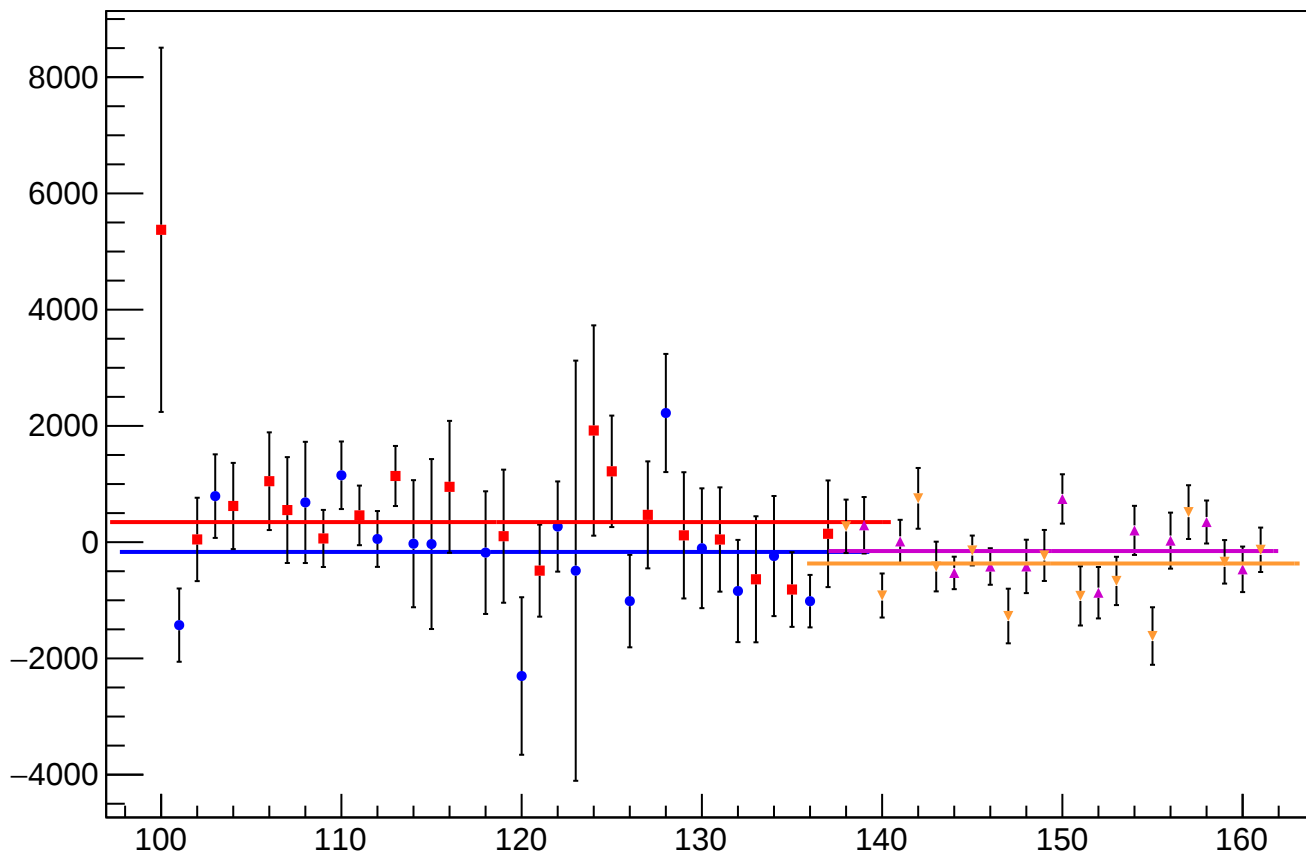
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 383.147+/-0.071 χ^2/NDF : 2038589.9/27

Out: 377.435+/-0.067 χ^2/NDF : 2414396.2/31

All: 380.149+/-0.049 χ^2/NDF : 4456403.4/59

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -366.948 $\pm$ 113.166 χ^2 /NDF:25.3/12

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -152.713 $\pm$ 116.600 χ^2 /NDF:14.3/10

Left: -263.032 $\pm$ 81.207 χ^2 /NDF: 41.4/23

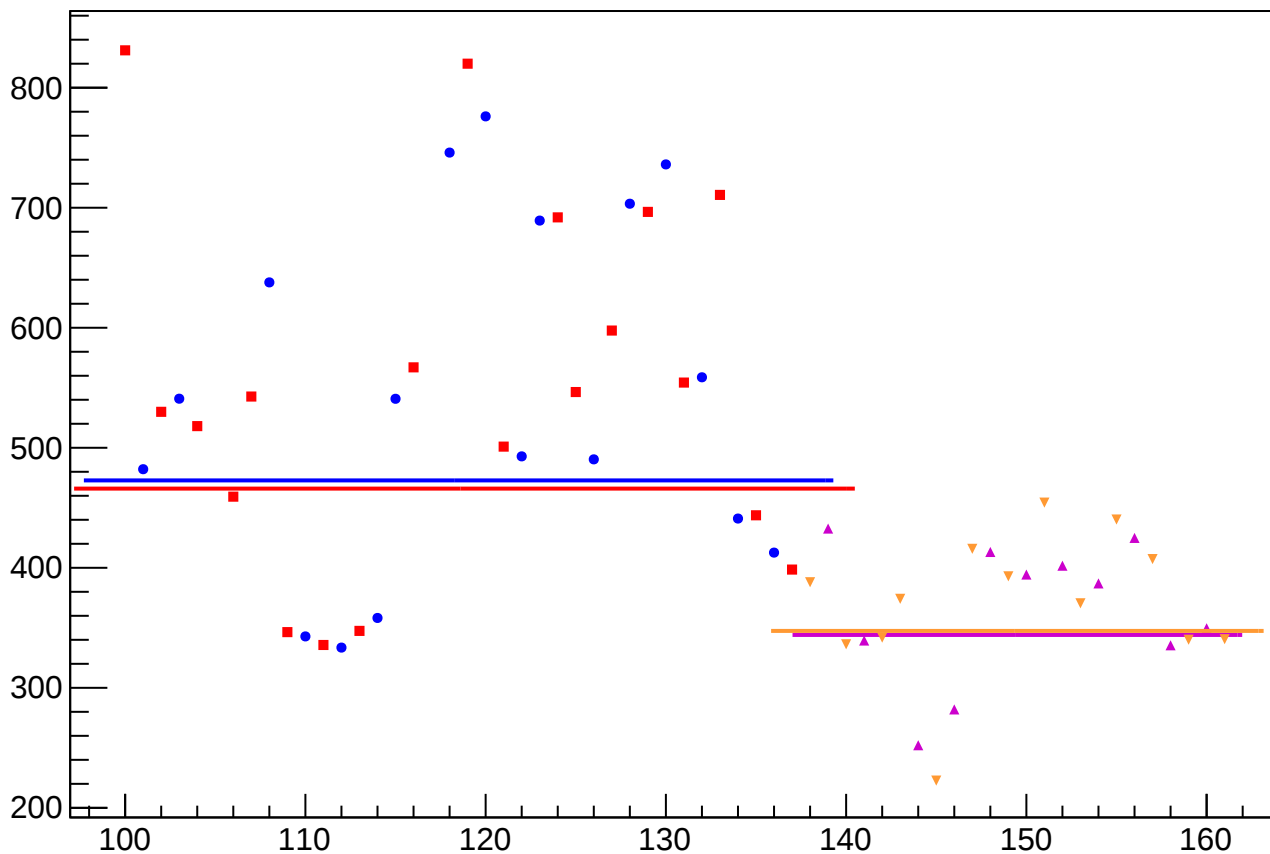
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -156.916 $\pm$ 99.344 χ^2 /NDF:39.7/27

Out: -167.129 $\pm$ 95.993 χ^2 /NDF:50.2/31

All: -162.198 $\pm$ 69.032 χ^2 /NDF: 89.9/59

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: 347.414 $\pm$ 0.080 χ^2 /NDF: 759918.5/12

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 344.059 $\pm$ 0.082 χ^2 /NDF: 546994.0/10

Left: 345.787 $\pm$ 0.057 χ^2 /NDF: 1307764.8/23

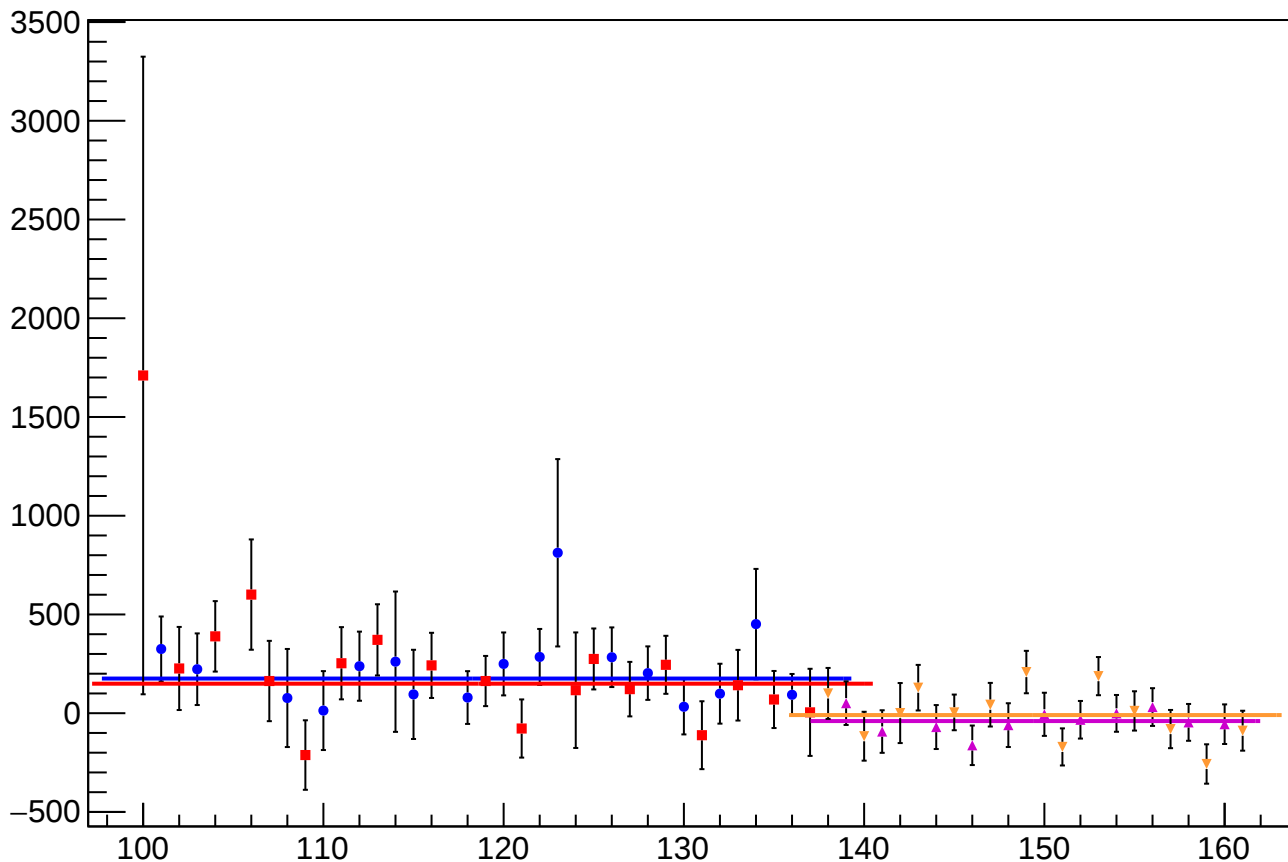
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 379.351 $\pm$ 0.070 χ^2 /NDF: 2111833.3/27

Out: 380.671 $\pm$ 0.068 χ^2 /NDF: 2317787.2/31

All: 380.033 $\pm$ 0.049 χ^2 /NDF: 4429803.1/59

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: -9.442 ± 29.344 χ^2/NDF : 21.8/12

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -39.822 ± 30.668 χ^2/NDF : 3.4/10

Left: -23.962 ± 21.202 χ^2/NDF : 25.7/23

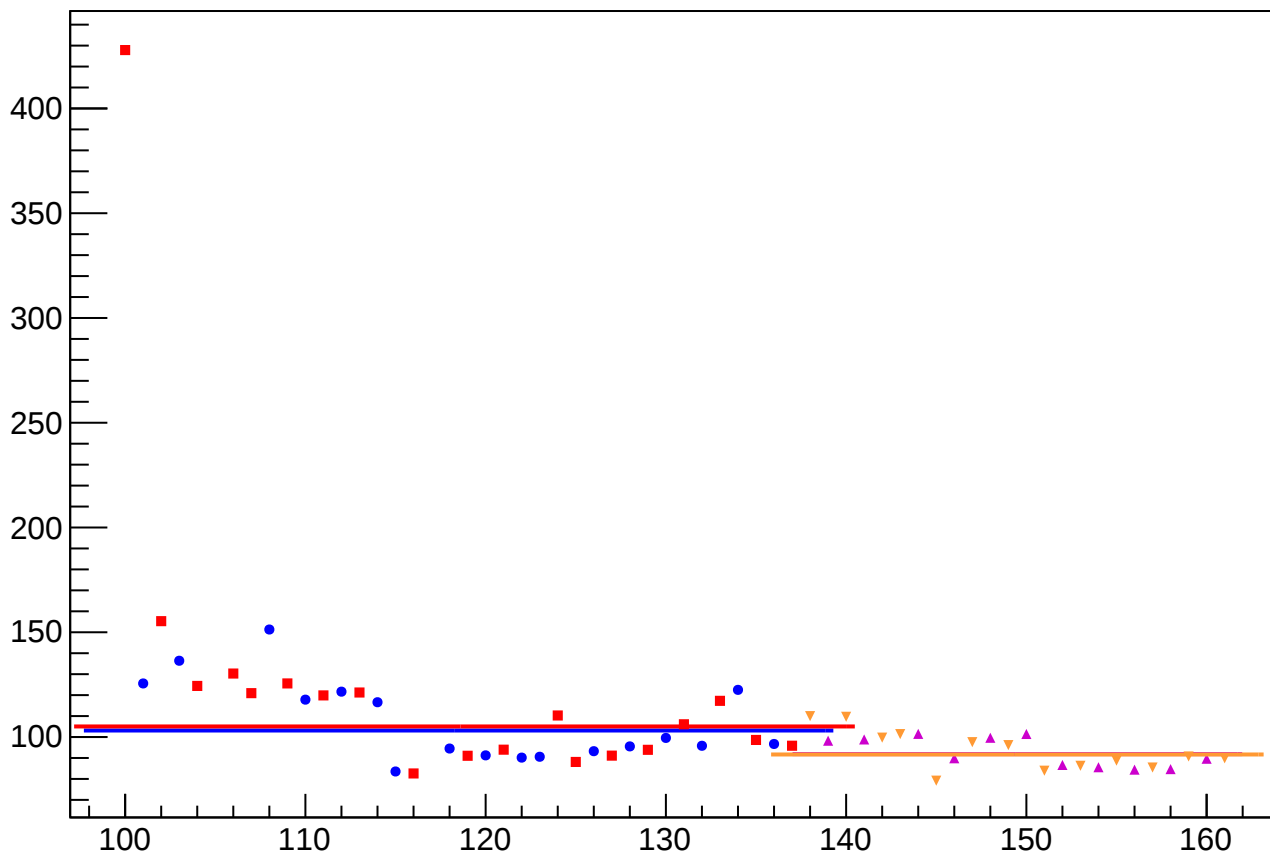
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 38.987 ± 24.418 χ^2/NDF : 30.0/27

Out: 45.567 ± 23.726 χ^2/NDF : 50.3/31

All: 42.371 ± 17.016 χ^2/NDF : 80.4/59

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.669 $\pm$ 0.021 χ^2 /NDF:180368.7/12

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 91.852 $\pm$ 0.022 χ^2 /NDF:96168.4/10

Left: 91.756 $\pm$ 0.015 χ^2 /NDF: 276574.1/23

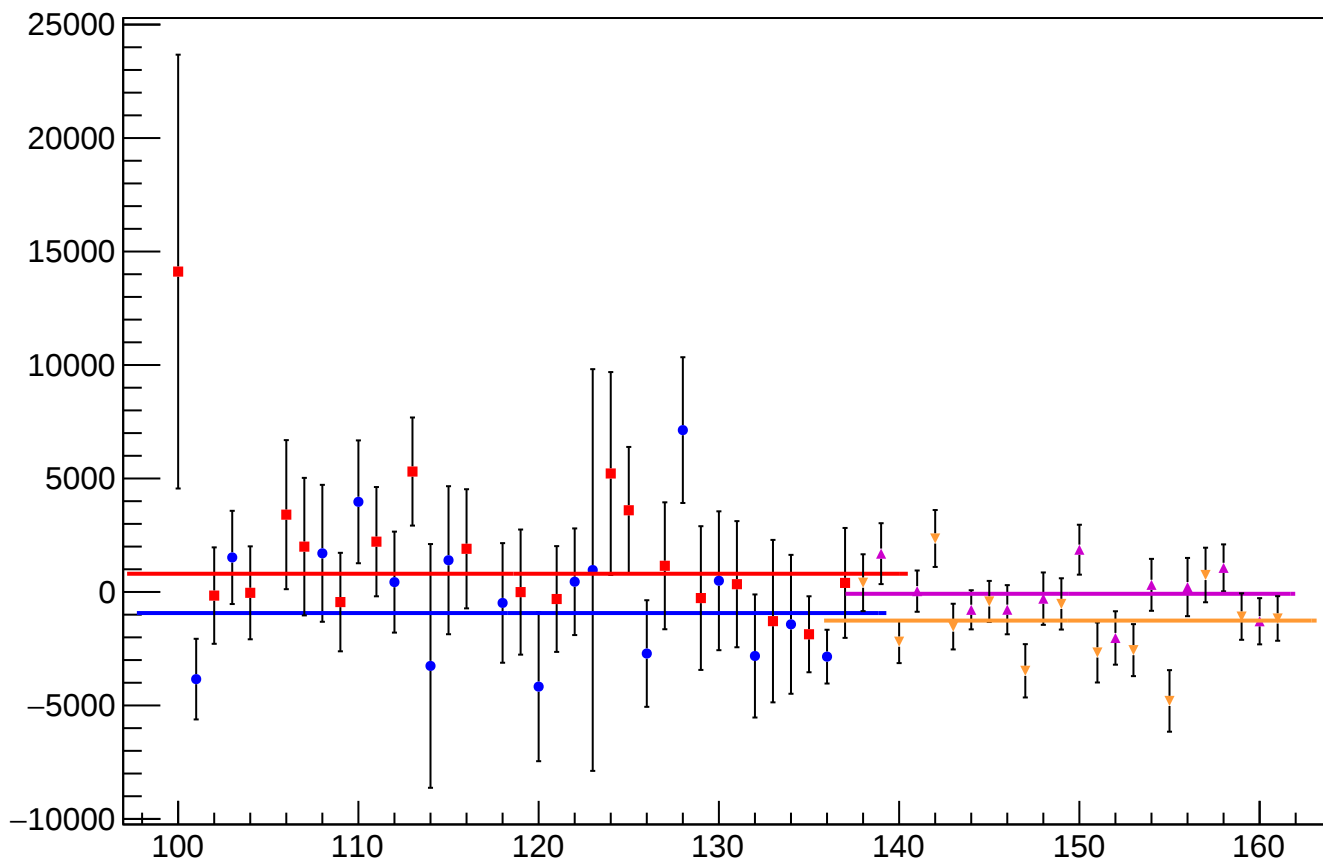
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 95.974 $\pm$ 0.017 χ^2 /NDF:501311.2/27

Out: 96.301 $\pm$ 0.017 χ^2 /NDF:772978.7/31

All: 96.142 $\pm$ 0.012 χ^2 /NDF: 1274474.6/59

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: -1260.757 $\pm$ 306.096 χ^2 /NDF:28.0/12

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -80.612 $\pm$ 323.850 χ^2 /NDF:11.5/10

Left: -703.918 $\pm$ 222.454 χ^2 /NDF: 46.6/23

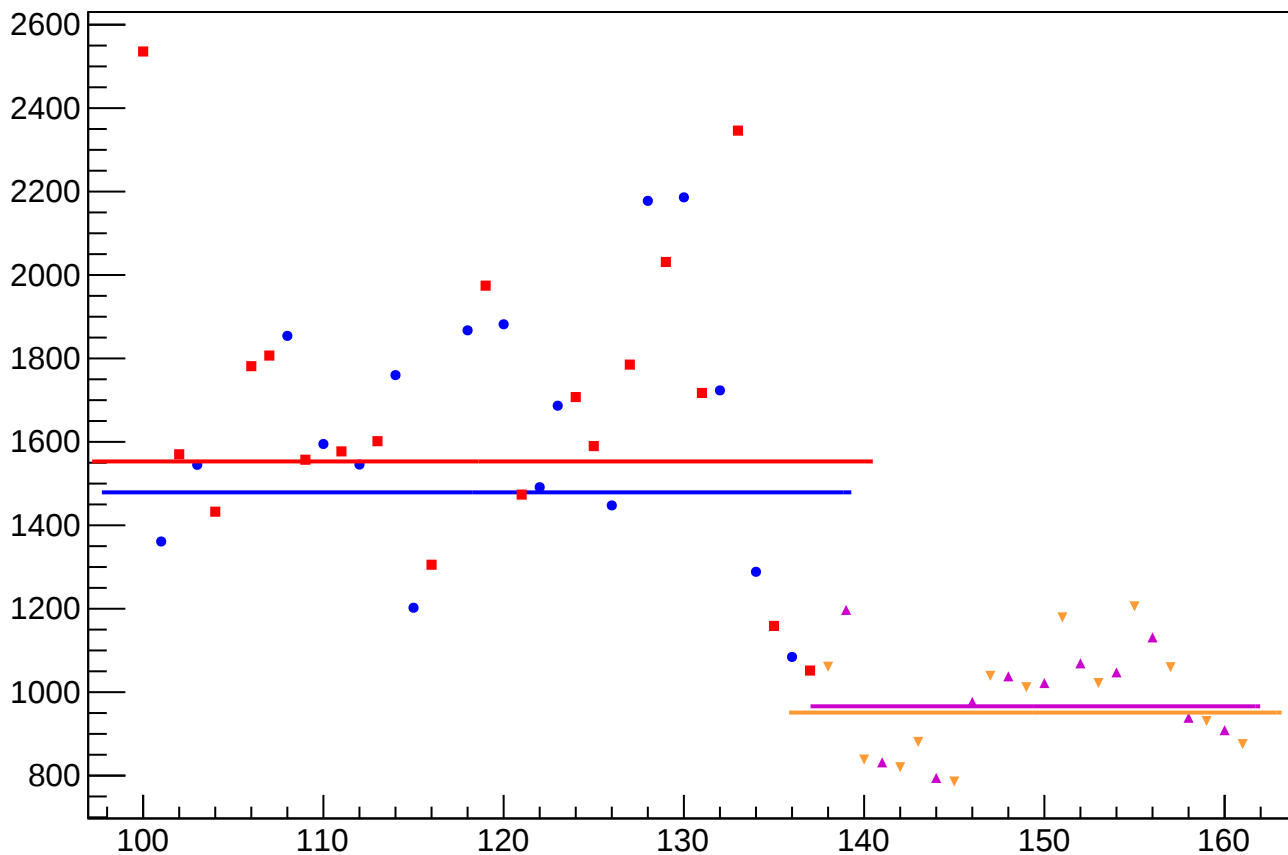
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -278.584 $\pm$ 283.555 χ^2 /NDF:34.0/27

Out: -827.534 $\pm$ 272.075 χ^2 /NDF:50.5/31

All: -564.395 $\pm$ 196.319 χ^2 /NDF: 86.4/59

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 951.150+/-0.216 χ^2/NDF : 325847.0/12

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 966.127+/-0.229 χ^2/NDF : 261763.8/10

Left: 958.216+/-0.157 χ^2/NDF : 589870.0/23

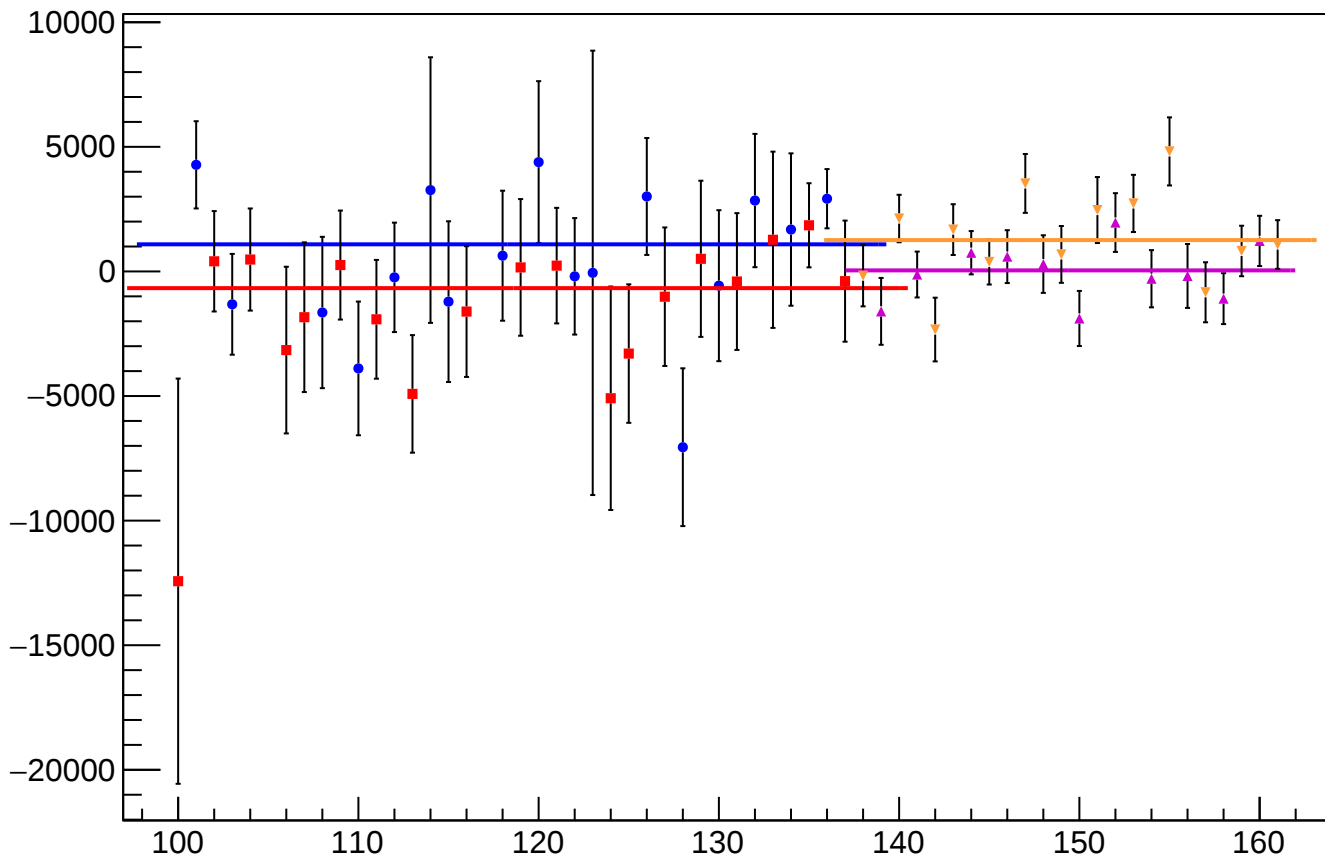
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1085.814+/-0.201 χ^2/NDF : 2021940.6/27

Out: 1077.514+/-0.192 χ^2/NDF : 2433242.5/31

All: 1081.492+/-0.139 χ^2/NDF : 4456075.1/59

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1258.169+/-306.906 χ^2/NDF :27.6/12

Right Out: -670.176+/-589.991 χ^2/NDF : 12.0/18

Left In: 41.848+/-323.685 χ^2/NDF :10.9/10

Left: 682.350+/-222.711 χ^2/NDF : 46.0/23

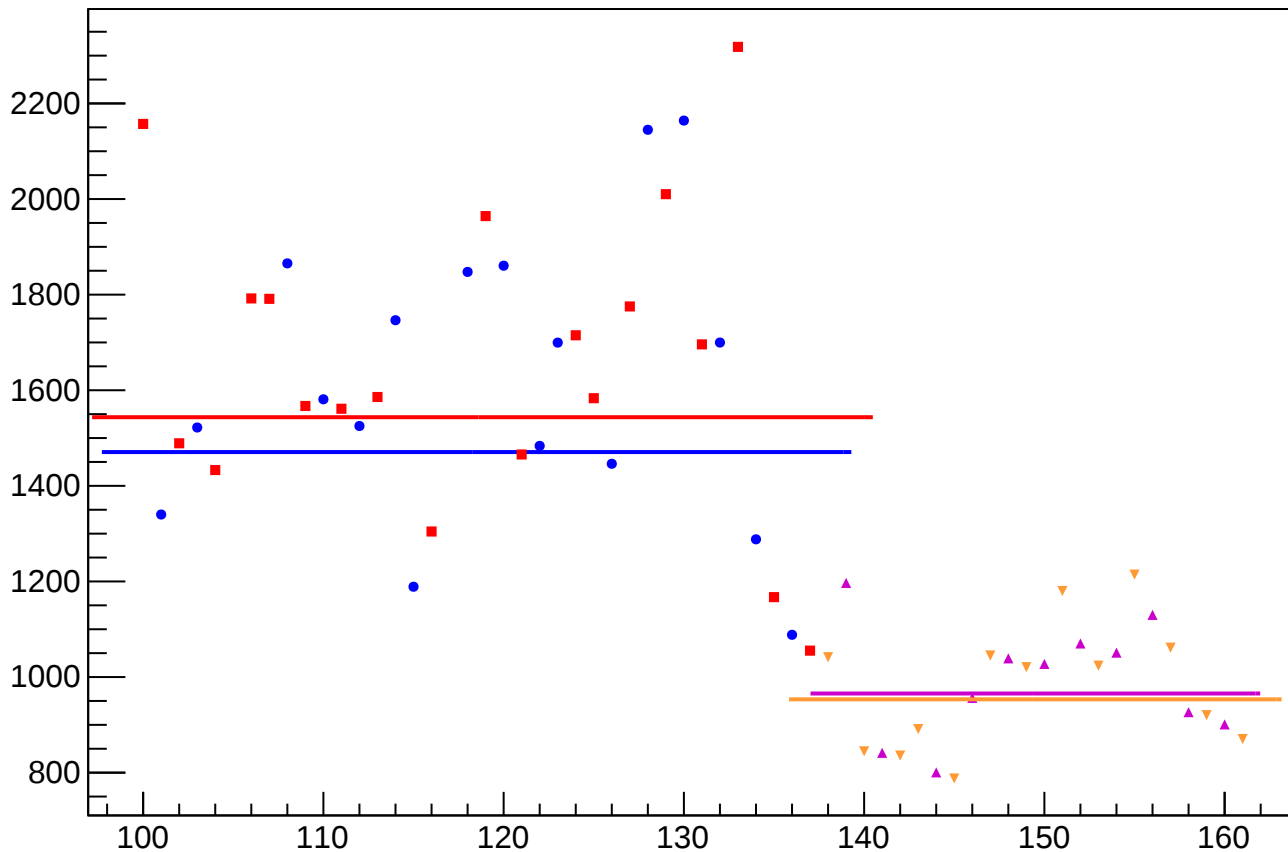
Right: 218.892+/-414.810 χ^2/NDF : 38.4/35

In: 288.130+/-283.031 χ^2/NDF :35.2/27

Out: 847.495+/-272.271 χ^2/NDF :48.1/31

All: 578.647+/-196.218 χ^2/NDF : 85.3/59

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: 953.388 $\pm$ 0.217 χ^2/NDF : 318229.1/12

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 965.607 $\pm$ 0.229 χ^2/NDF : 253476.5/10

Left: 959.173 $\pm$ 0.157 χ^2/NDF : 573206.4/23

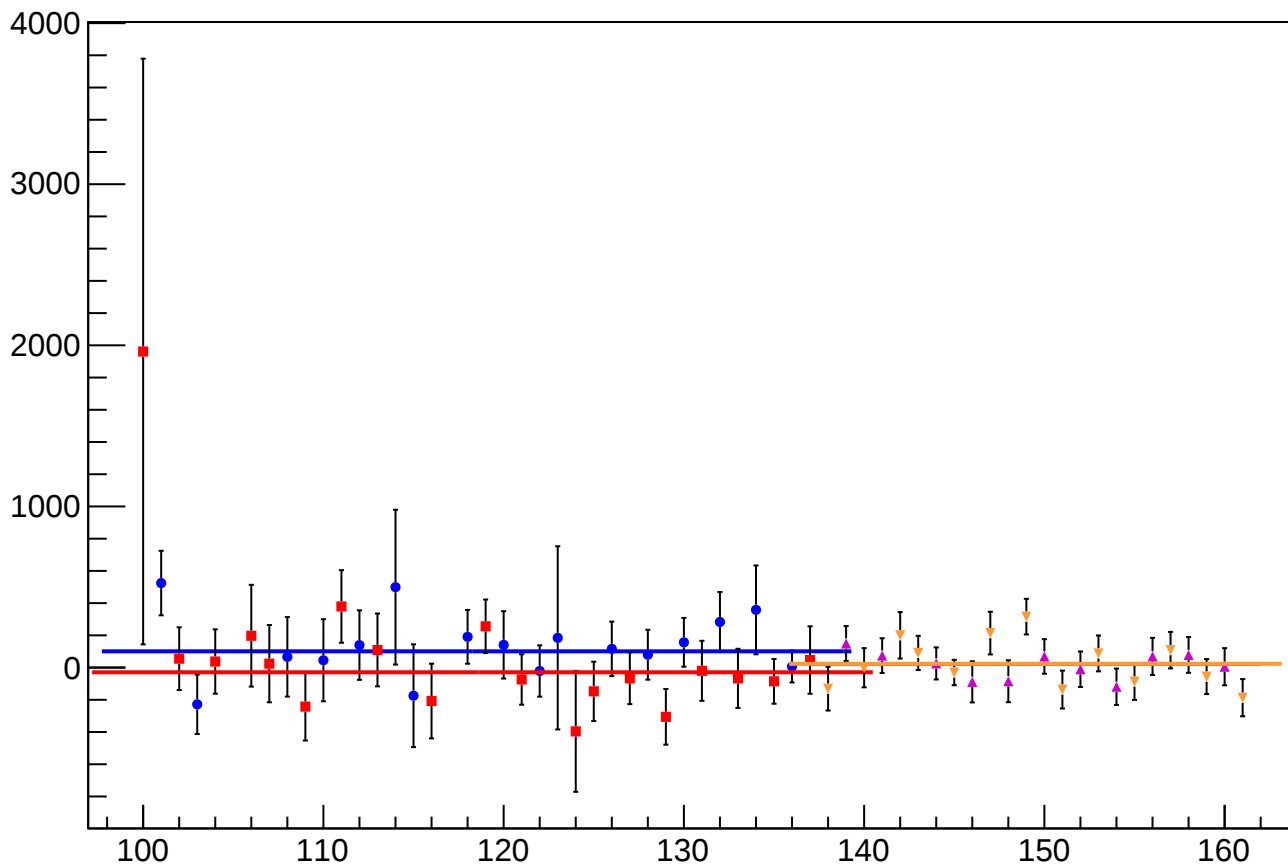
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1084.512 $\pm$ 0.200 χ^2/NDF : 1967618.6/27

Out: 1079.082 $\pm$ 0.193 χ^2/NDF : 2347666.0/31

All: 1081.692 $\pm$ 0.139 χ^2/NDF : 4315667.1/59

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 23.216 $\pm$ 31.220 χ^2 /NDF:20.3/12

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 21.997 $\pm$ 33.847 χ^2 /NDF:5.3/10

Left: 22.656 $\pm$ 22.948 χ^2 /NDF: 25.7/23

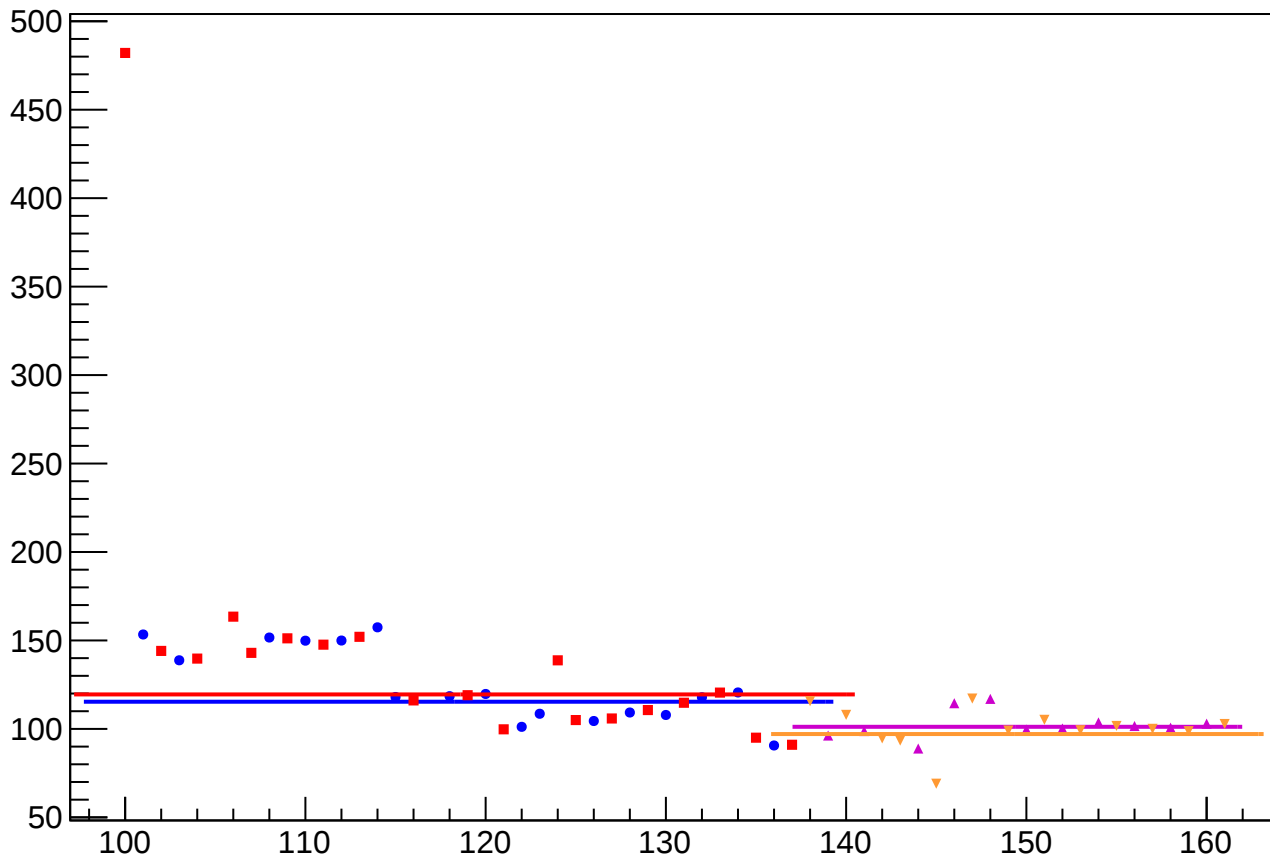
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 50.284 $\pm$ 27.111 χ^2 /NDF:20.3/27

Out: 6.551 $\pm$ 25.778 χ^2 /NDF:35.9/31

All: 27.316 $\pm$ 18.681 χ^2 /NDF: 57.6/59

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2/NDF : 411362.6/16

Left Out: 97.098 $\pm$ 0.022 χ^2/NDF : 375937.0/12

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 101.192 $\pm$ 0.024 χ^2/NDF : 88812.0/10

Left: 98.980 $\pm$ 0.016 χ^2/NDF : 480561.8/23

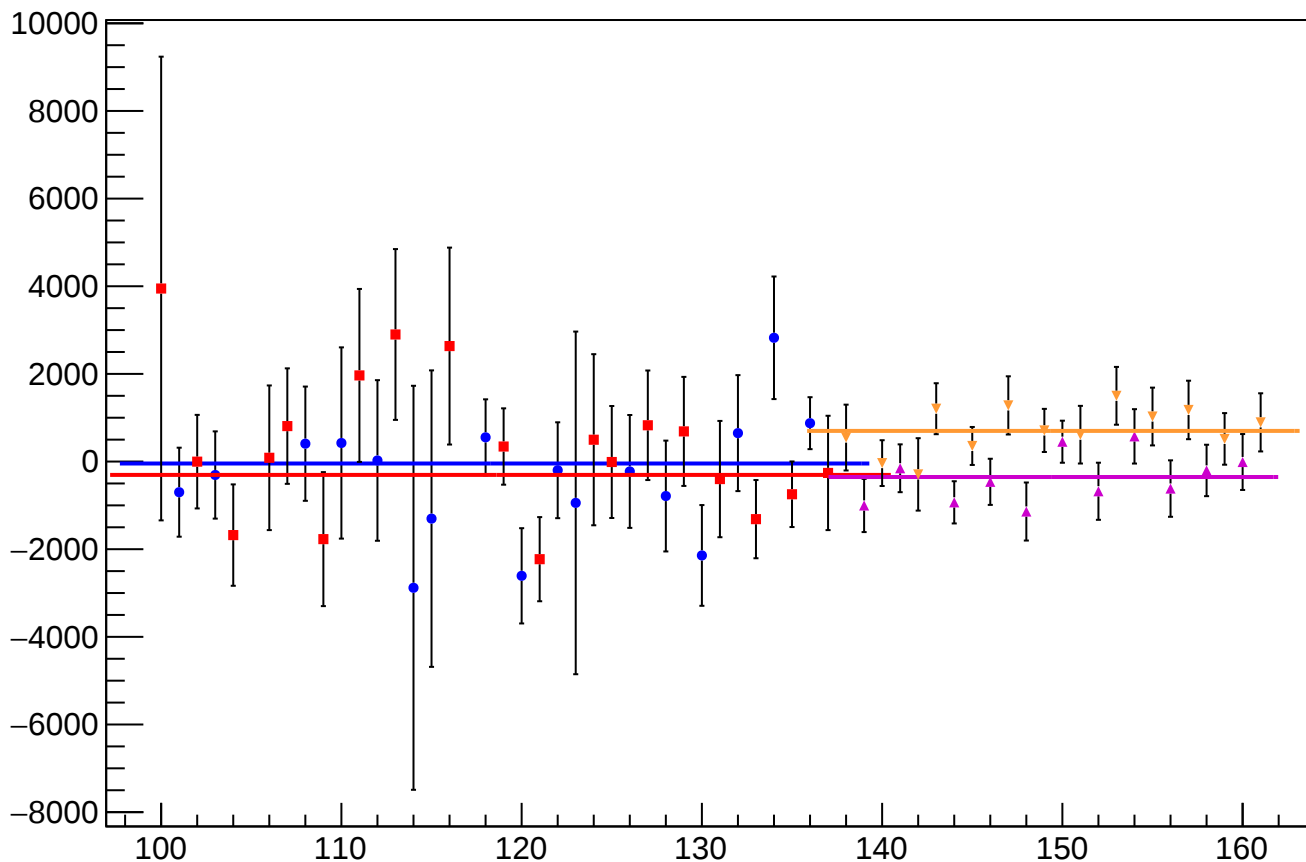
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 106.273 $\pm$ 0.019 χ^2/NDF : 625889.9/27

Out: 104.224 $\pm$ 0.018 χ^2/NDF : 1181384.5/31

All: 105.197 $\pm$ 0.013 χ^2/NDF : 1813269.5/59

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 699.288 ± 166.908 χ^2/NDF : 8.1/12

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -352.706 ± 173.186 χ^2/NDF : 10.0/10

Left: 192.703 ± 120.180 χ^2/NDF : 37.2/23

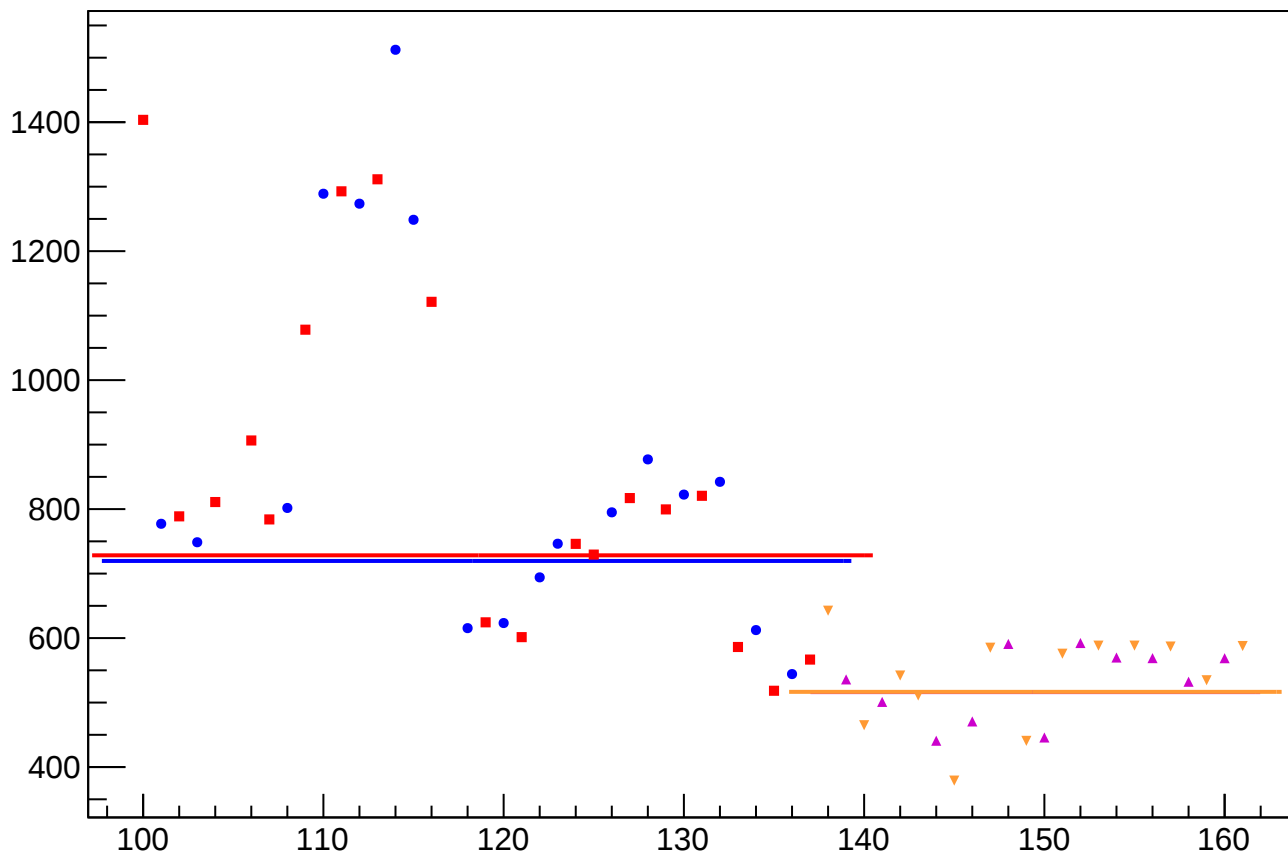
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -270.148 ± 148.181 χ^2/NDF : 28.7/27

Out: 439.765 ± 143.728 χ^2/NDF : 34.8/31

All: 95.636 ± 103.169 χ^2/NDF : 75.4/59

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: 516.608 $\pm$ 0.118 χ^2 /NDF: 459004.0/12

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 516.226 $\pm$ 0.122 χ^2 /NDF: 206755.1/10

Left: 516.424 $\pm$ 0.085 χ^2 /NDF: 665764.1/23

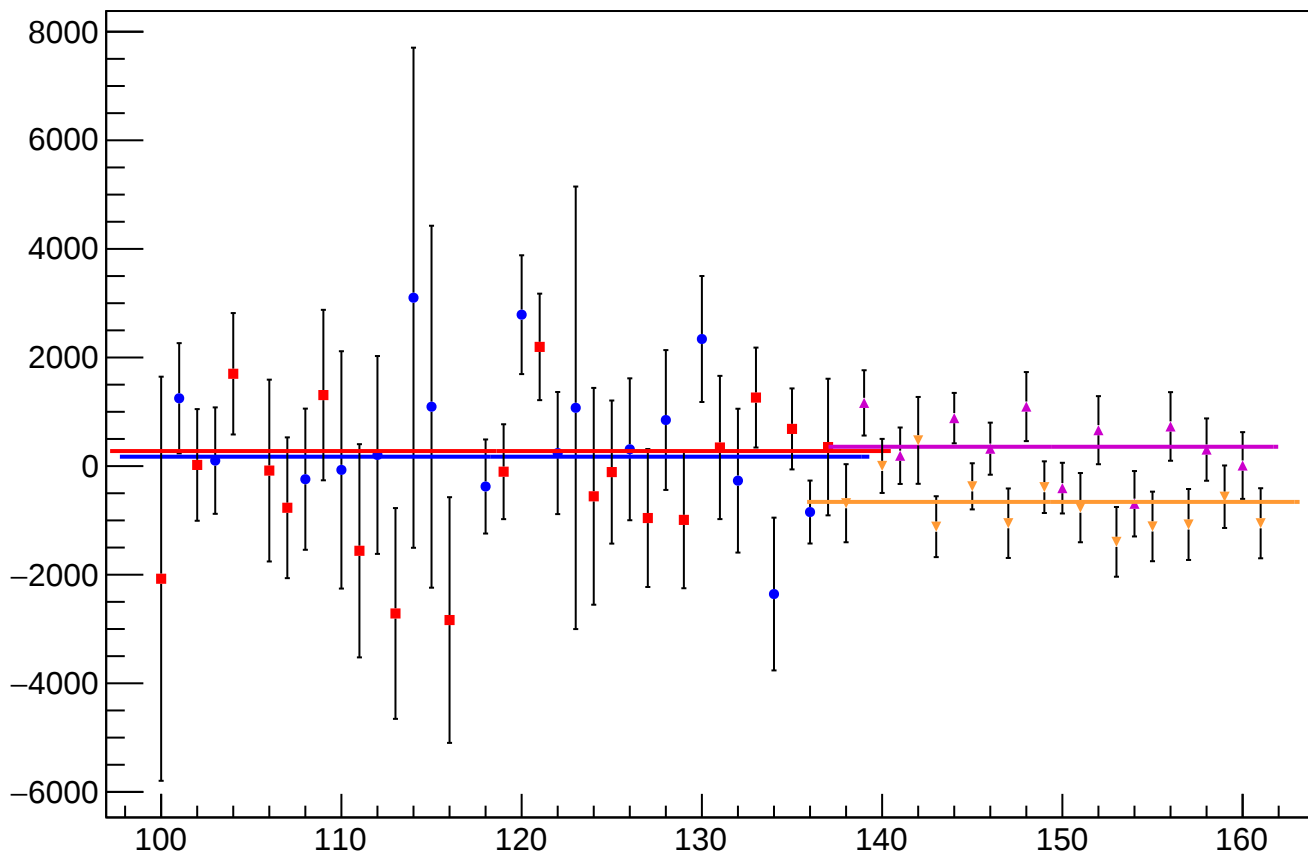
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 570.714 $\pm$ 0.105 χ^2 /NDF: 1692653.6/27

Out: 571.331 $\pm$ 0.102 χ^2 /NDF: 2204472.9/31

All: 571.032 $\pm$ 0.073 χ^2 /NDF: 3897144.4/59

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: -659.241 $\pm$ 161.803 χ^2 /NDF:8.2/12

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 356.220 $\pm$ 166.639 χ^2 /NDF:11.2/10

Left: -166.459 $\pm$ 116.084 χ^2 /NDF: 38.5/23

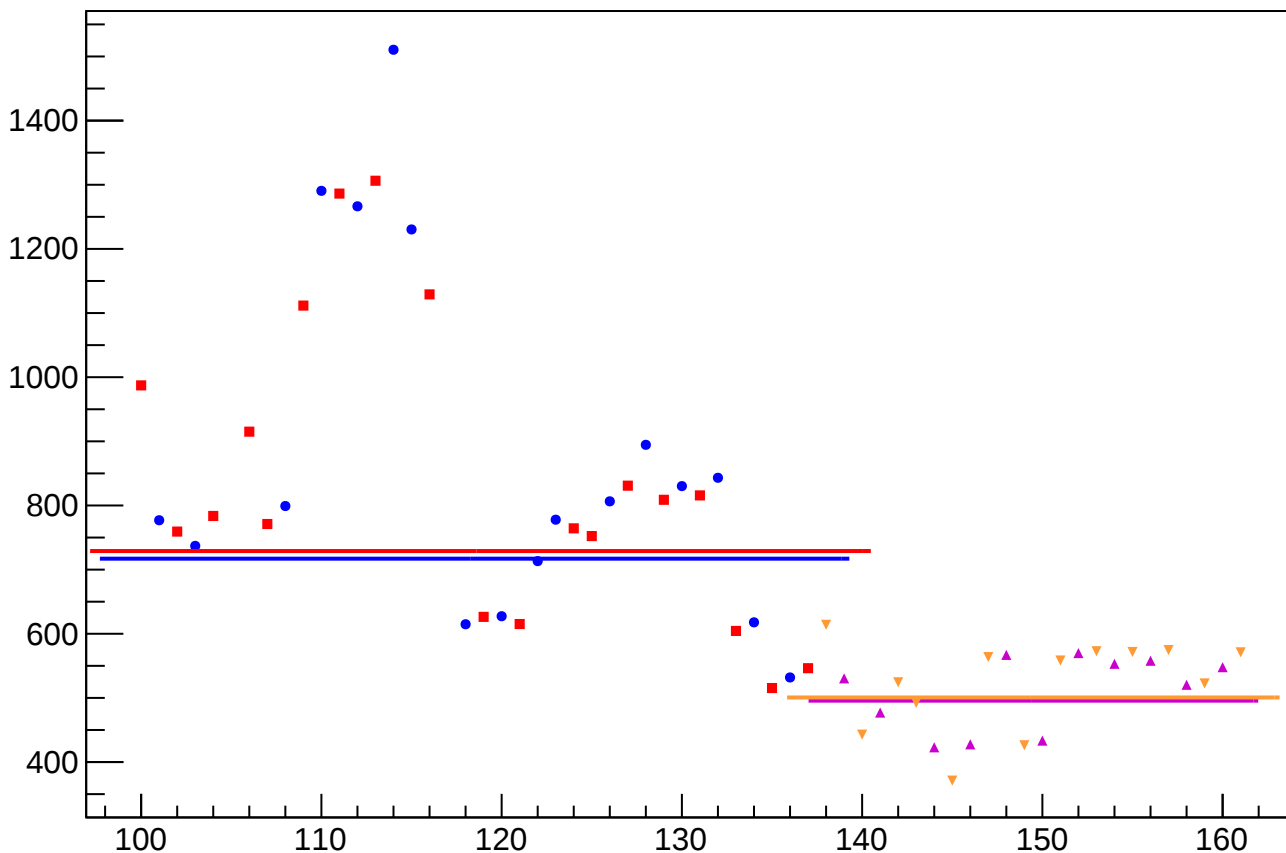
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 309.750 $\pm$ 143.940 χ^2 /NDF:29.6/27

Out: -428.219 $\pm$ 140.432 χ^2 /NDF:32.5/31

All: -68.337 $\pm$ 100.518 χ^2 /NDF: 75.6/59

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 500.678 $\pm$ 0.114 χ^2/NDF : 451765.1/12

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 495.733 $\pm$ 0.118 χ^2/NDF : 243268.7/10

Left: 498.278 $\pm$ 0.082 χ^2/NDF : 695940.3/23

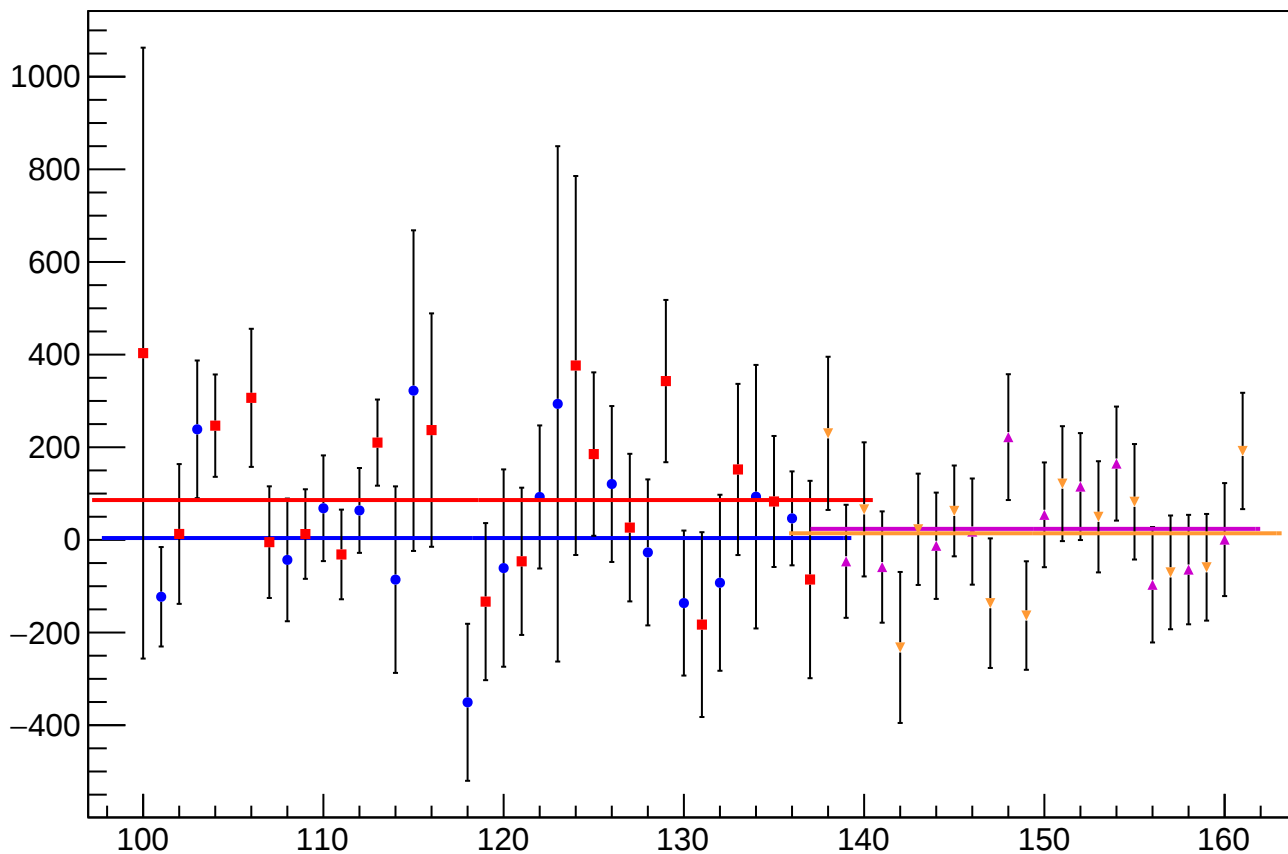
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 551.929 $\pm$ 0.102 χ^2/NDF : 1921624.7/27

Out: 557.006 $\pm$ 0.099 χ^2/NDF : 2324945.9/31

All: 554.530 $\pm$ 0.071 χ^2/NDF : 4247845.5/59

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 14.265 ± 34.856 χ^2/NDF : 11.8/12

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 23.829 ± 36.151 χ^2/NDF : 6.6/10

Left: 18.872 ± 25.092 χ^2/NDF : 18.4/23

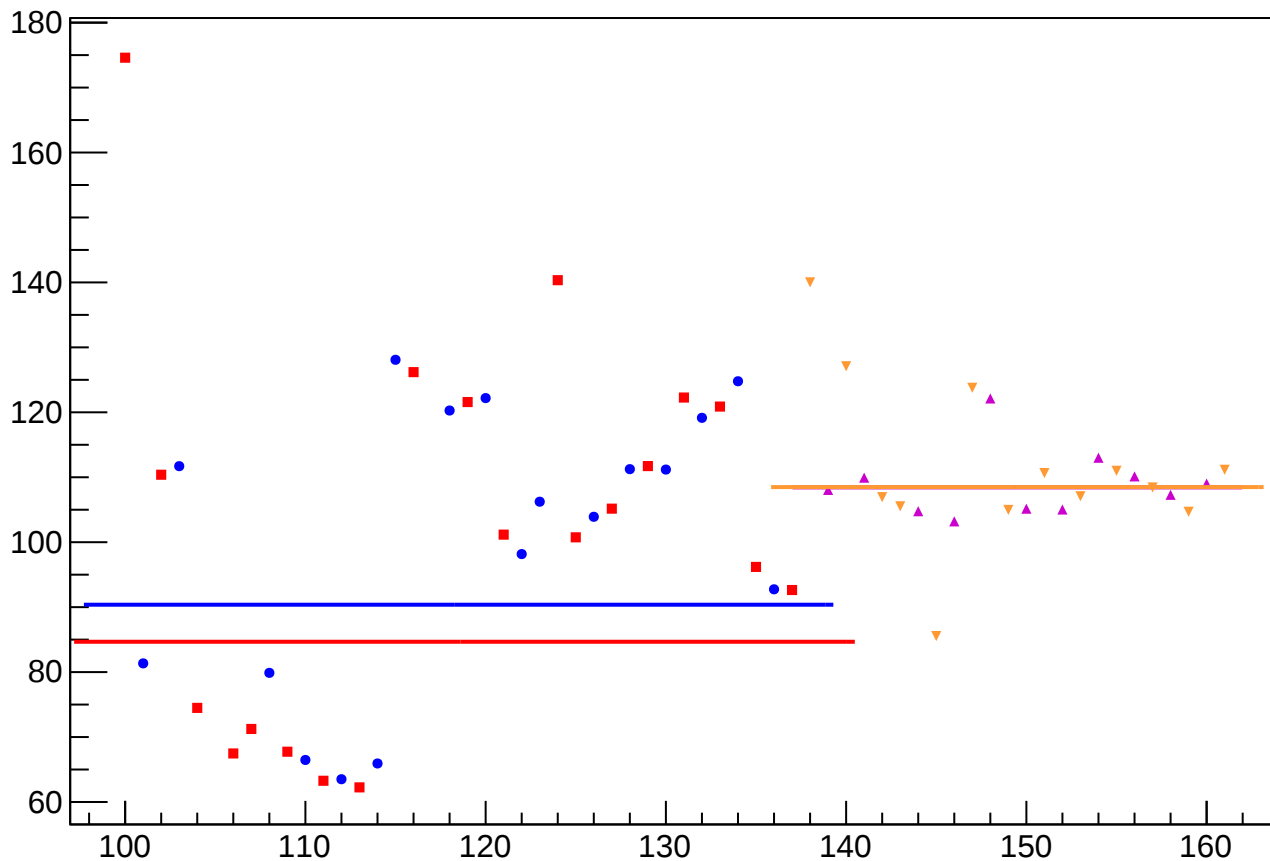
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 13.865 ± 25.491 χ^2/NDF : 19.4/27

Out: 51.704 ± 24.104 χ^2/NDF : 31.6/31

All: 33.842 ± 17.514 χ^2/NDF : 52.3/59

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.486+/-0.025 χ^2/NDF : 247054.1/12

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 108.439+/-0.026 χ^2/NDF : 33649.3/10

Left: 108.463+/-0.018 χ^2/NDF : 280705.1/23

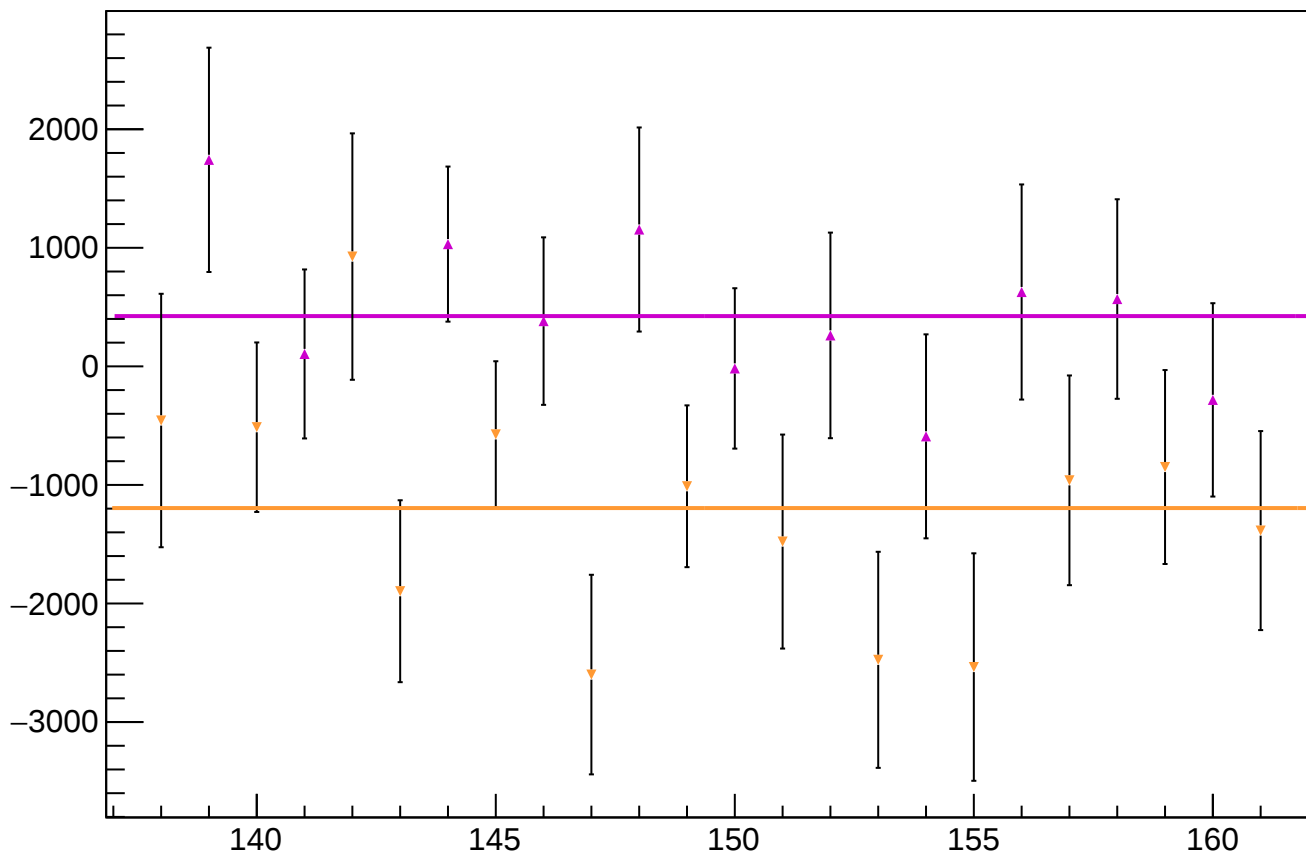
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 99.357+/-0.018 χ^2/NDF : 938861.9/27

Out: 96.061+/-0.017 χ^2/NDF : 1642228.3/31

All: 97.617+/-0.012 χ^2/NDF : 2598742.4/59

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 424.034+/-237.180 χ^2/NDF :6.4/10

Left: -419.980+/-164.108 χ^2/NDF : 45.3/23

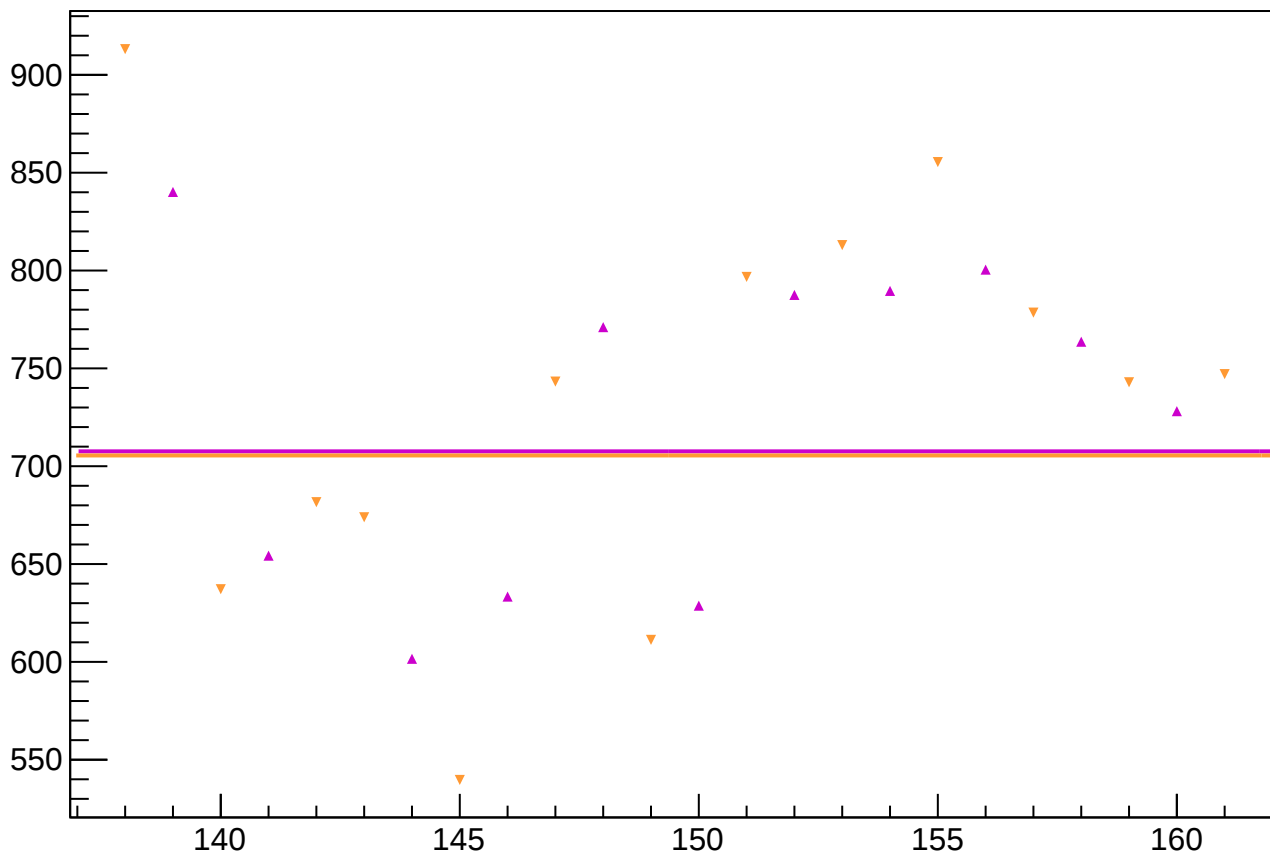
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 424.034+/-237.180 χ^2/NDF :6.4/10

Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

All: -419.980+/-164.108 χ^2/NDF : 45.3/23

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 705.497+/-0.161 χ^2/NDF :404732.0/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 707.592+/-0.168 χ^2/NDF :229437.7/10

Left: 706.500+/-0.116 χ^2/NDF : 634251.1/23

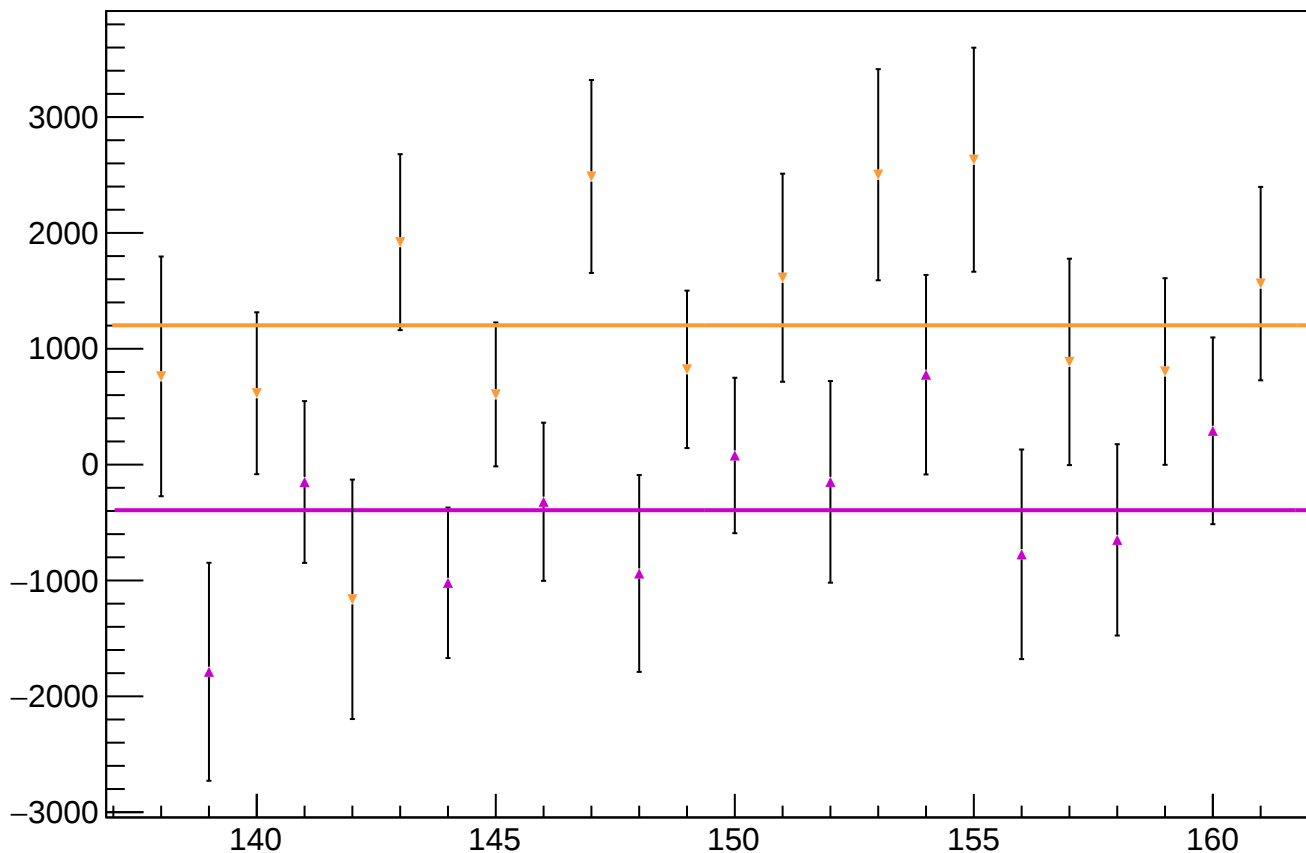
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.592+/-0.168 χ^2/NDF :229437.7/10

Out: 705.497+/-0.161 χ^2/NDF :404732.0/12

All: 706.500+/-0.116 χ^2/NDF : 634251.1/23

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1202.872 $\pm$ 225.855 χ^2 /NDF:15.6/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -393.312 $\pm$ 234.374 χ^2 /NDF:7.1/10

Left: 434.317 $\pm$ 162.632 χ^2 /NDF: 46.8/23

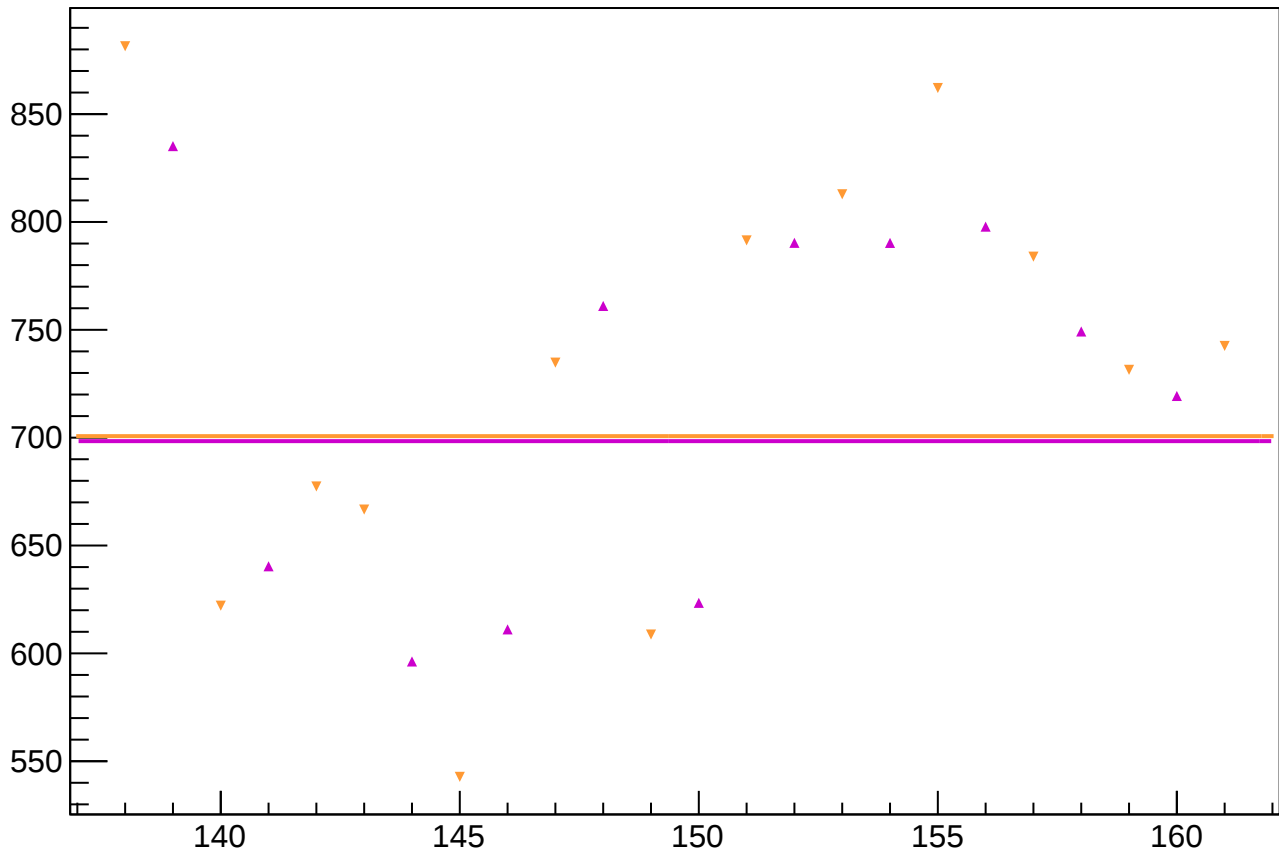
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -393.312 $\pm$ 234.374 χ^2 /NDF:7.1/10

Out: 1202.872 $\pm$ 225.855 χ^2 /NDF:15.6/12

All: 434.317 $\pm$ 162.632 χ^2 /NDF: 46.8/23

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 698.393+/-0.166 χ^2/NDF :252334.2/10

Left: 699.594+/-0.115 χ^2/NDF : 644982.3/23

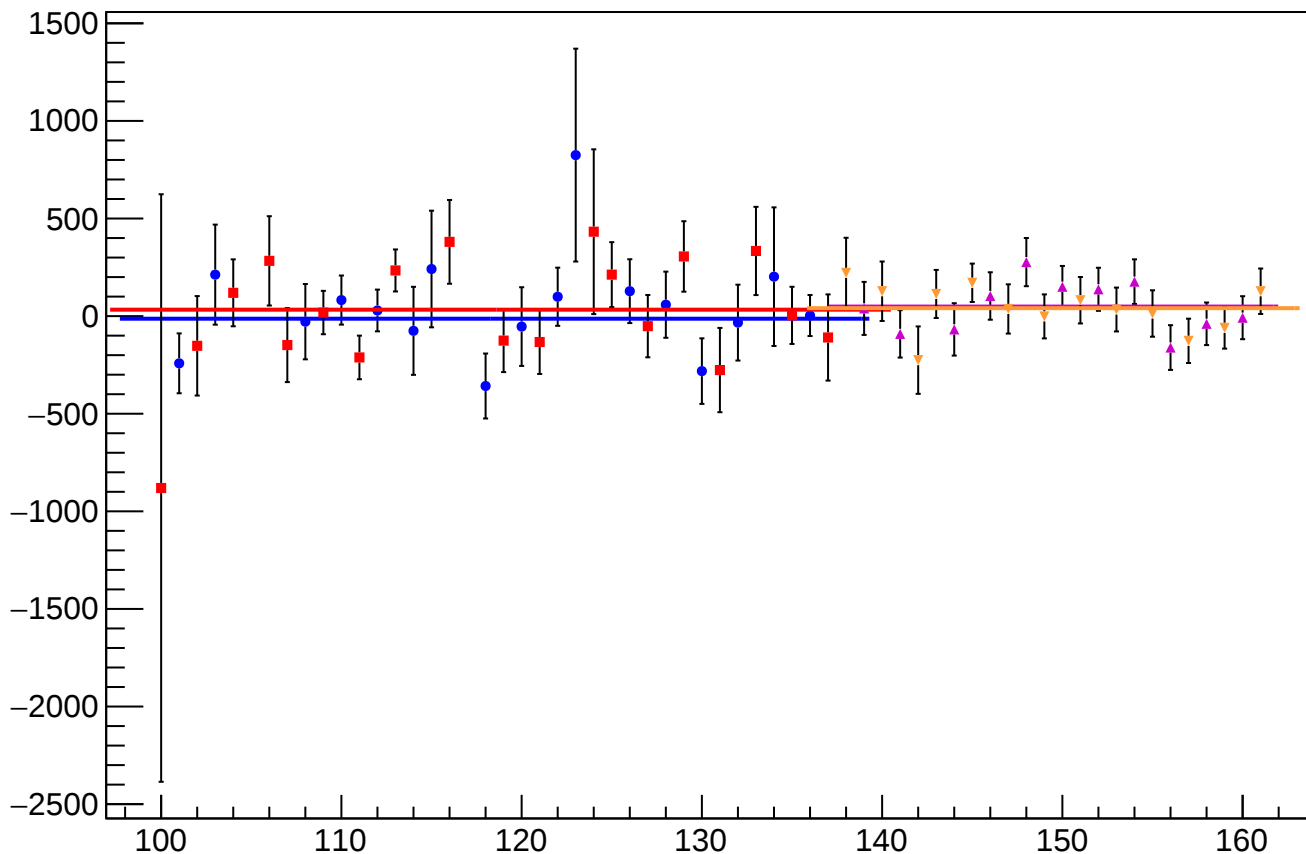
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 698.393+/-0.166 χ^2/NDF :252334.2/10

Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

All: 699.594+/-0.115 χ^2/NDF : 644982.3/23

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 40.745 ± 33.730 χ^2/NDF : 9.7/12

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 48.940 ± 35.342 χ^2/NDF : 12.8/10

Left: 44.651 ± 24.401 χ^2/NDF : 22.6/23

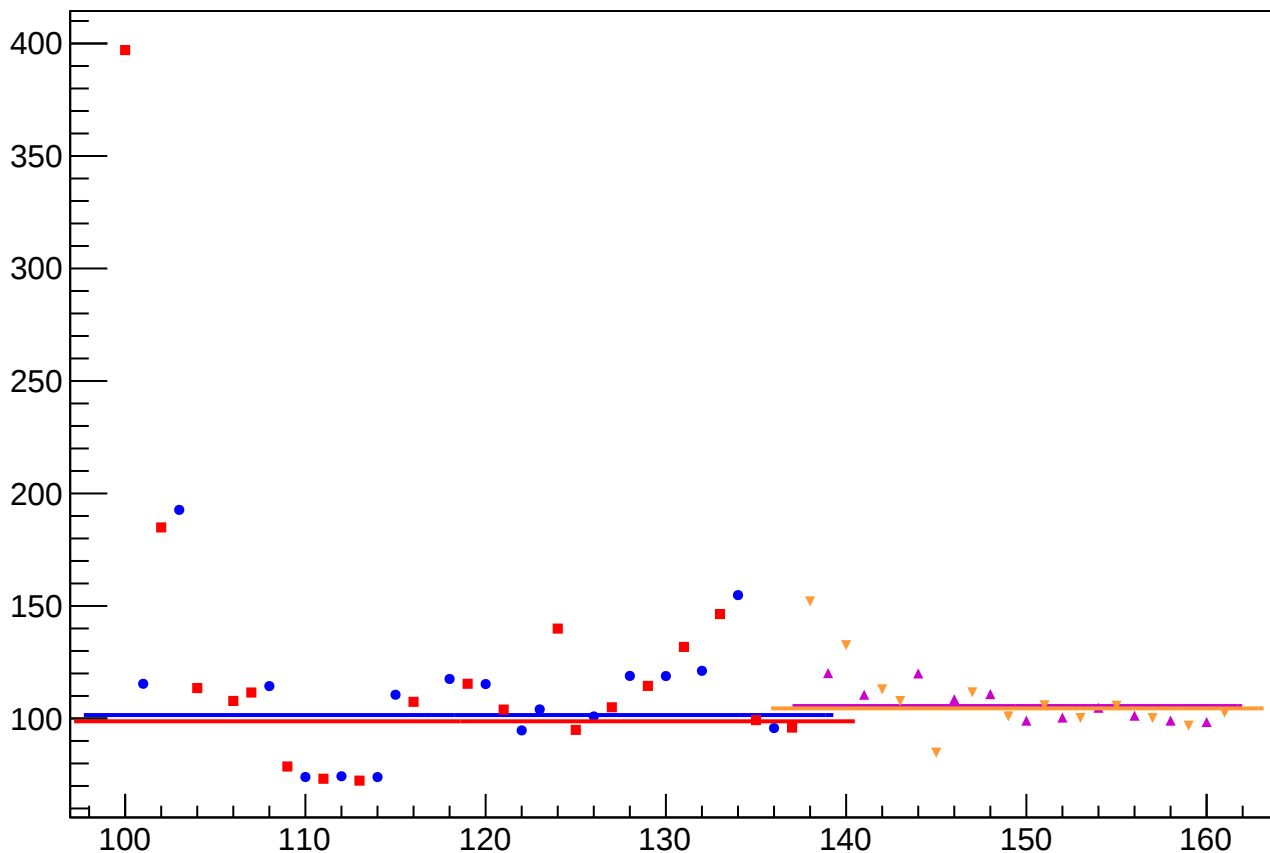
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 22.110 ± 26.644 χ^2/NDF : 29.8/27

Out: 37.430 ± 25.478 χ^2/NDF : 34.8/31

All: 30.113 ± 18.414 χ^2/NDF : 64.8/59

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: 104.473 $\pm$ 0.024 χ^2 /NDF: 319654.6/12

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 105.514 $\pm$ 0.025 χ^2 /NDF: 84996.4/10

Left: 104.969 $\pm$ 0.017 χ^2 /NDF: 405558.2/23

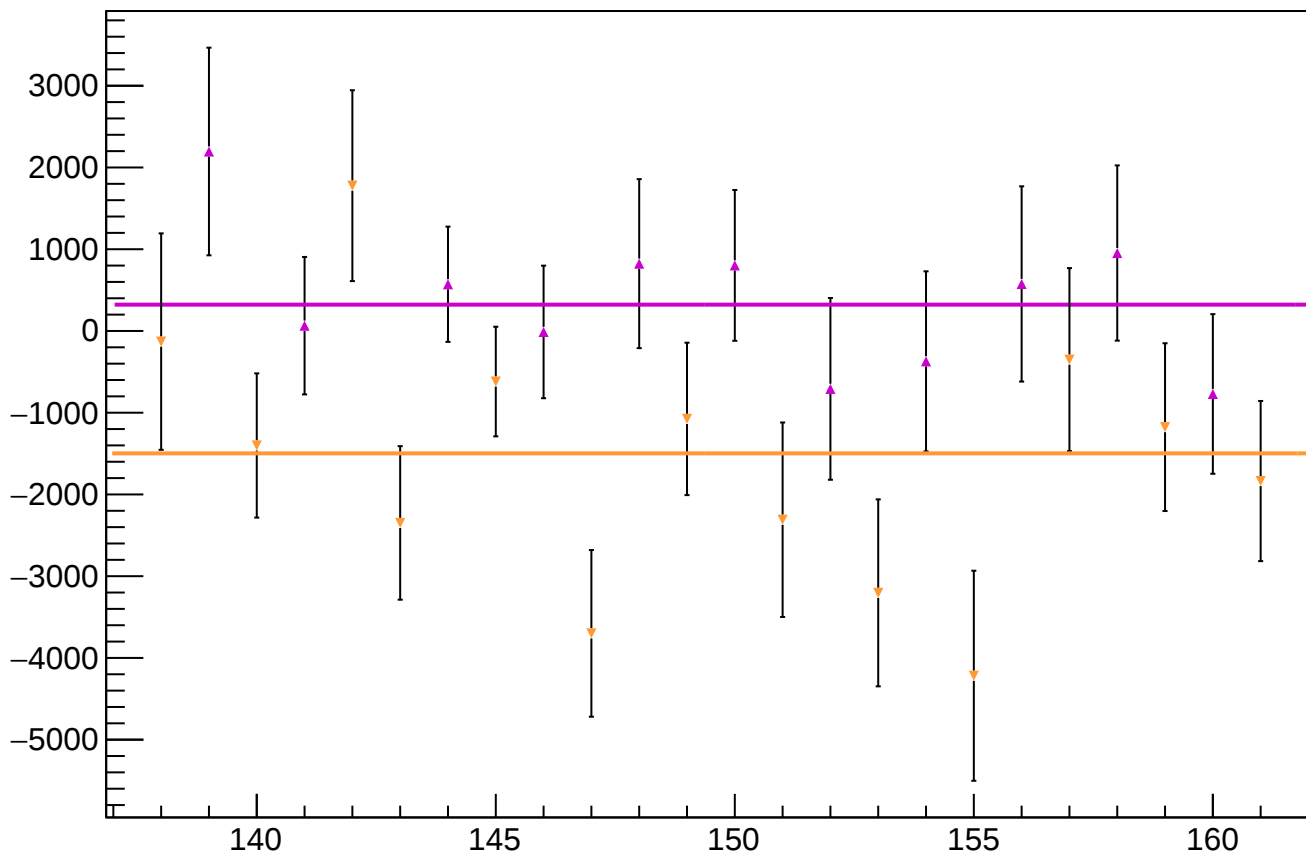
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.789 $\pm$ 0.019 χ^2 /NDF: 777738.2/27

Out: 102.009 $\pm$ 0.018 χ^2 /NDF: 1170135.6/31

All: 102.859 $\pm$ 0.013 χ^2 /NDF: 1952537.4/59

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1497.267+/-278.156 χ^2/NDF :24.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 322.010+/-289.501 χ^2/NDF :6.0/10

Left: -623.972+/-200.577 χ^2/NDF : 51.3/23

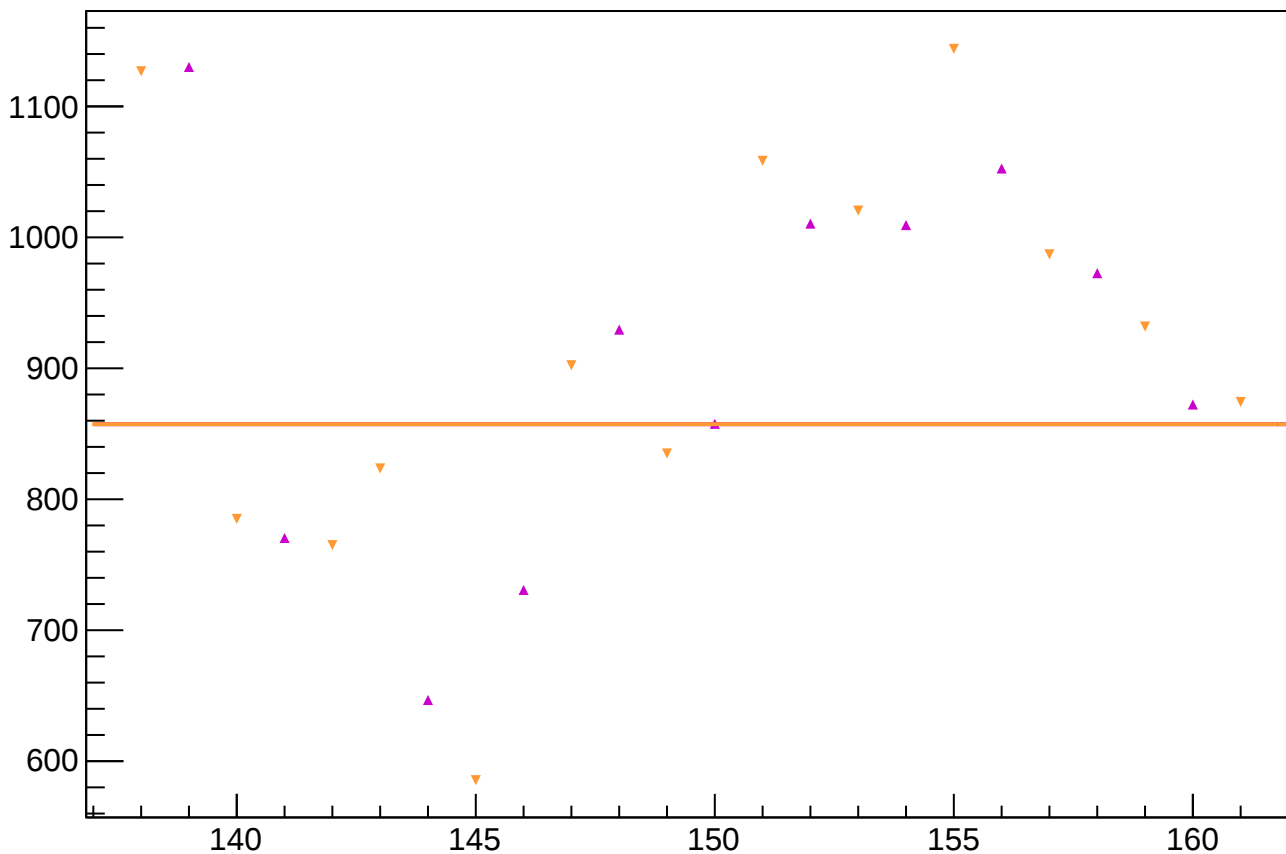
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 322.010+/-289.501 χ^2/NDF :6.0/10

Out: -1497.267+/-278.156 χ^2/NDF :24.8/12

All: -623.972+/-200.577 χ^2/NDF : 51.3/23

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 857.338+/-0.197 χ^2/NDF : 680489.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.344+/-0.205 χ^2/NDF : 503818.4/10

Left: 857.341+/-0.142 χ^2/NDF : 1184307.6/23

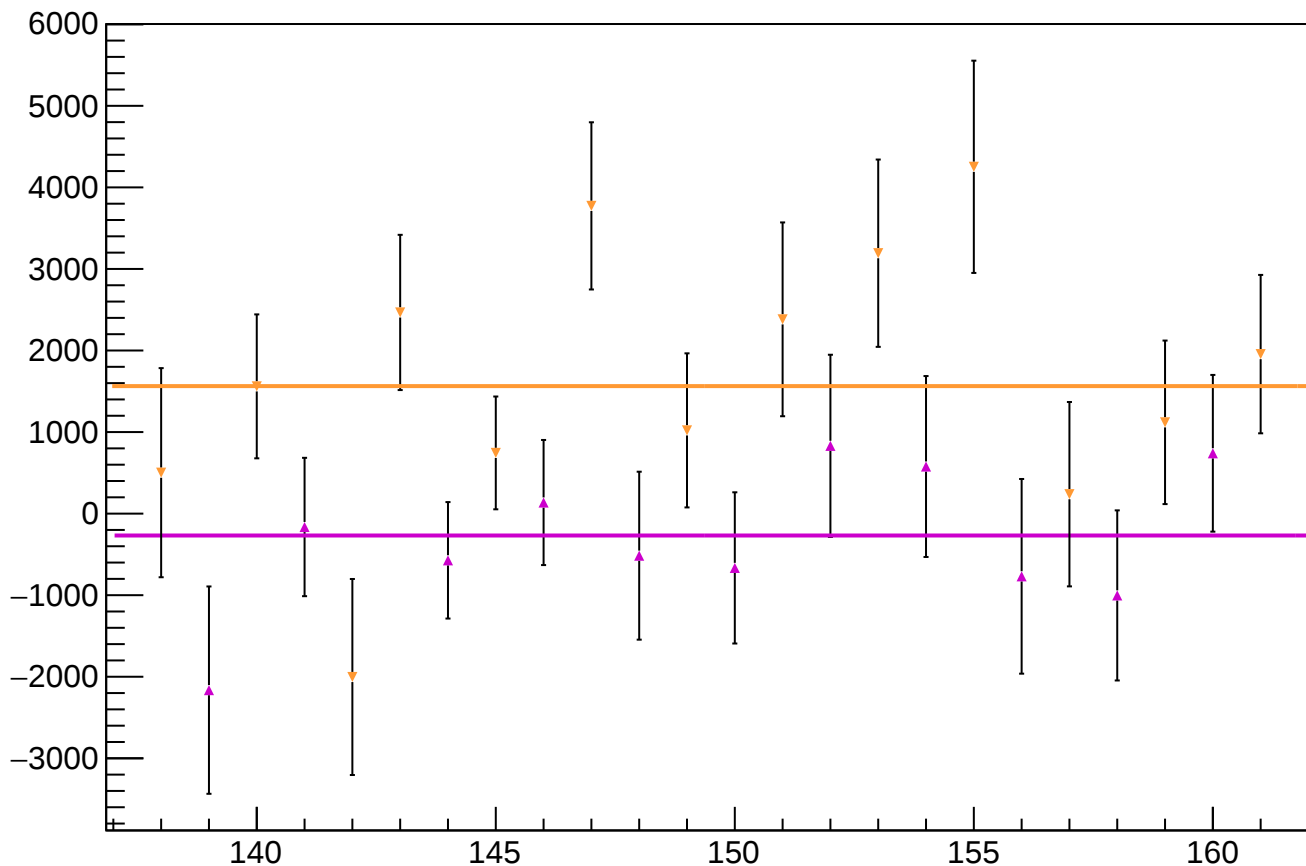
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.344+/-0.205 χ^2/NDF : 503818.4/10

Out: 857.338+/-0.197 χ^2/NDF : 680489.2/12

All: 857.341+/-0.142 χ^2/NDF : 1184307.6/23

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1563.474+/-280.069 χ^2/NDF :25.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.210+/-287.518 χ^2/NDF :6.3/10

Left: 671.669+/-200.620 χ^2/NDF : 52.4/23

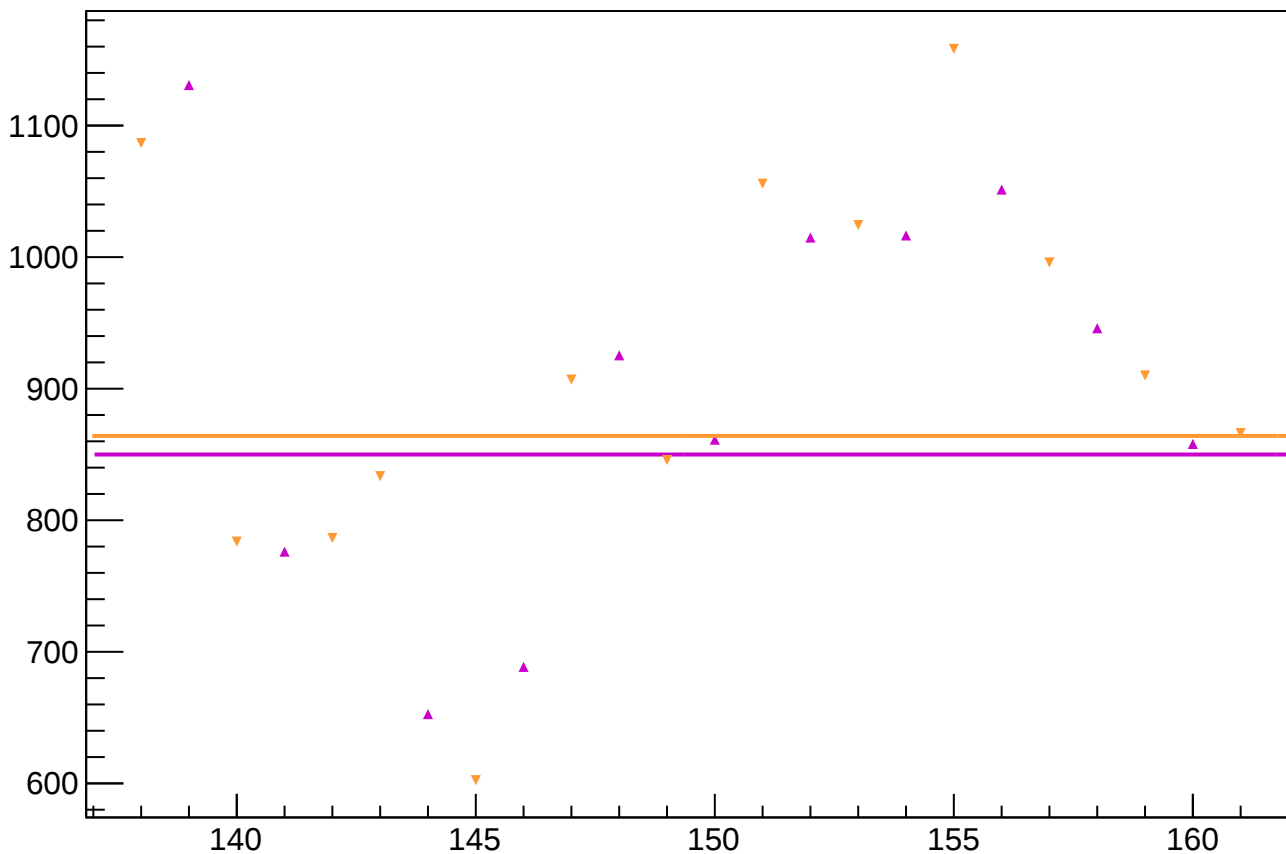
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.210+/-287.518 χ^2/NDF :6.3/10

Out: 1563.474+/-280.069 χ^2/NDF :25.3/12

All: 671.669+/-200.620 χ^2/NDF : 52.4/23

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 864.113 $\pm$ 0.198 χ^2/NDF :602508.9/12

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 849.972 $\pm$ 0.203 χ^2/NDF :527801.0/10

Left: 857.228 $\pm$ 0.142 χ^2/NDF : 1132792.1/23

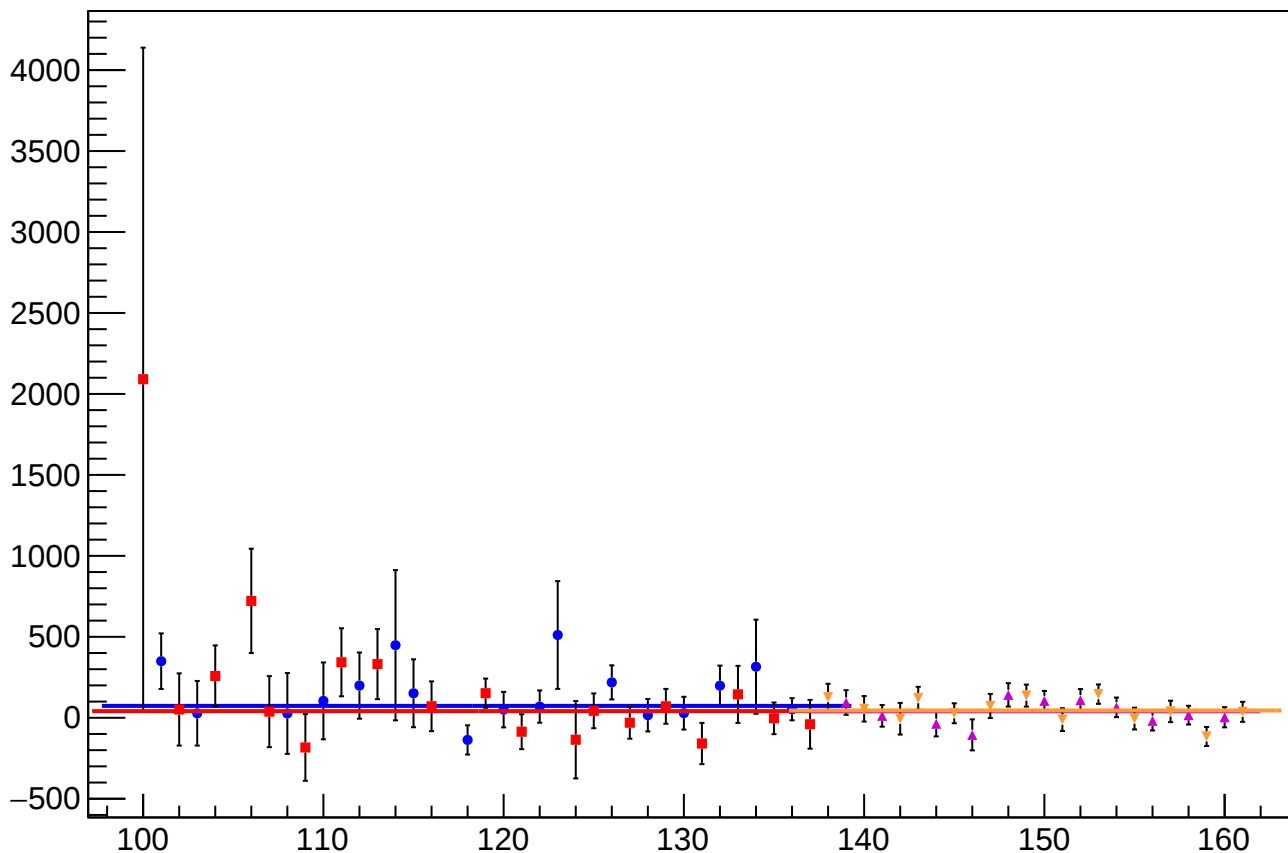
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 849.972 $\pm$ 0.203 χ^2/NDF :527801.0/10

Out: 864.113 $\pm$ 0.198 χ^2/NDF :602508.9/12

All: 857.228 $\pm$ 0.142 χ^2/NDF : 1132792.1/23

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: 45.162 $\pm$ 19.035 χ^2 /NDF:16.0/12

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 40.035 $\pm$ 20.211 χ^2 /NDF:9.7/10

Left: 42.752 $\pm$ 13.857 χ^2 /NDF: 25.8/23

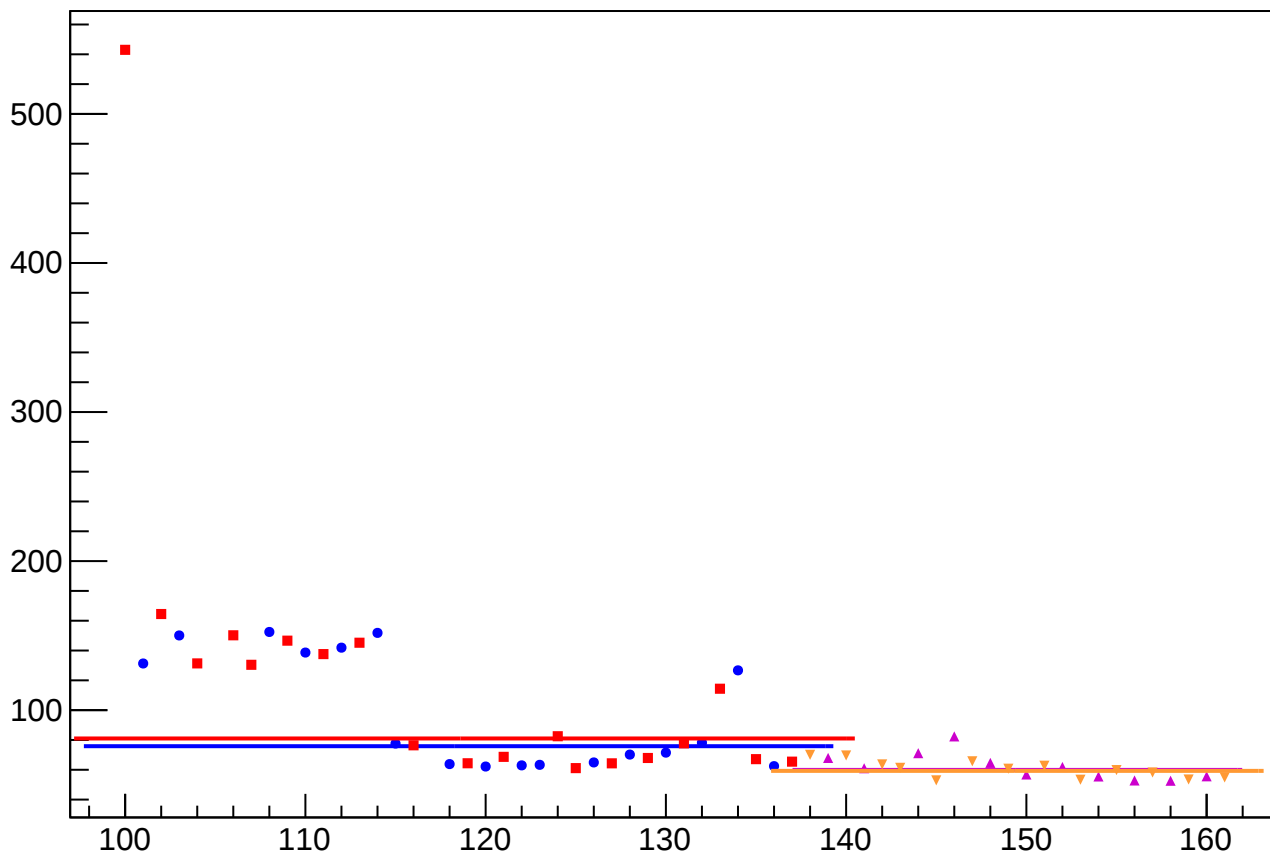
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 49.973 $\pm$ 16.940 χ^2 /NDF:25.8/27

Out: 44.141 $\pm$ 16.456 χ^2 /NDF:35.2/31

All: 46.973 $\pm$ 11.804 χ^2 /NDF: 61.1/59

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 59.262 $\pm$ 0.013 χ^2/NDF :166241.2/12

Right Out: 80.999 $\pm$ 0.023 χ^2/NDF : 1627899.8/18

Left In: 59.909 $\pm$ 0.014 χ^2/NDF :268862.4/10

Left: 59.566 $\pm$ 0.010 χ^2/NDF : 436189.1/23

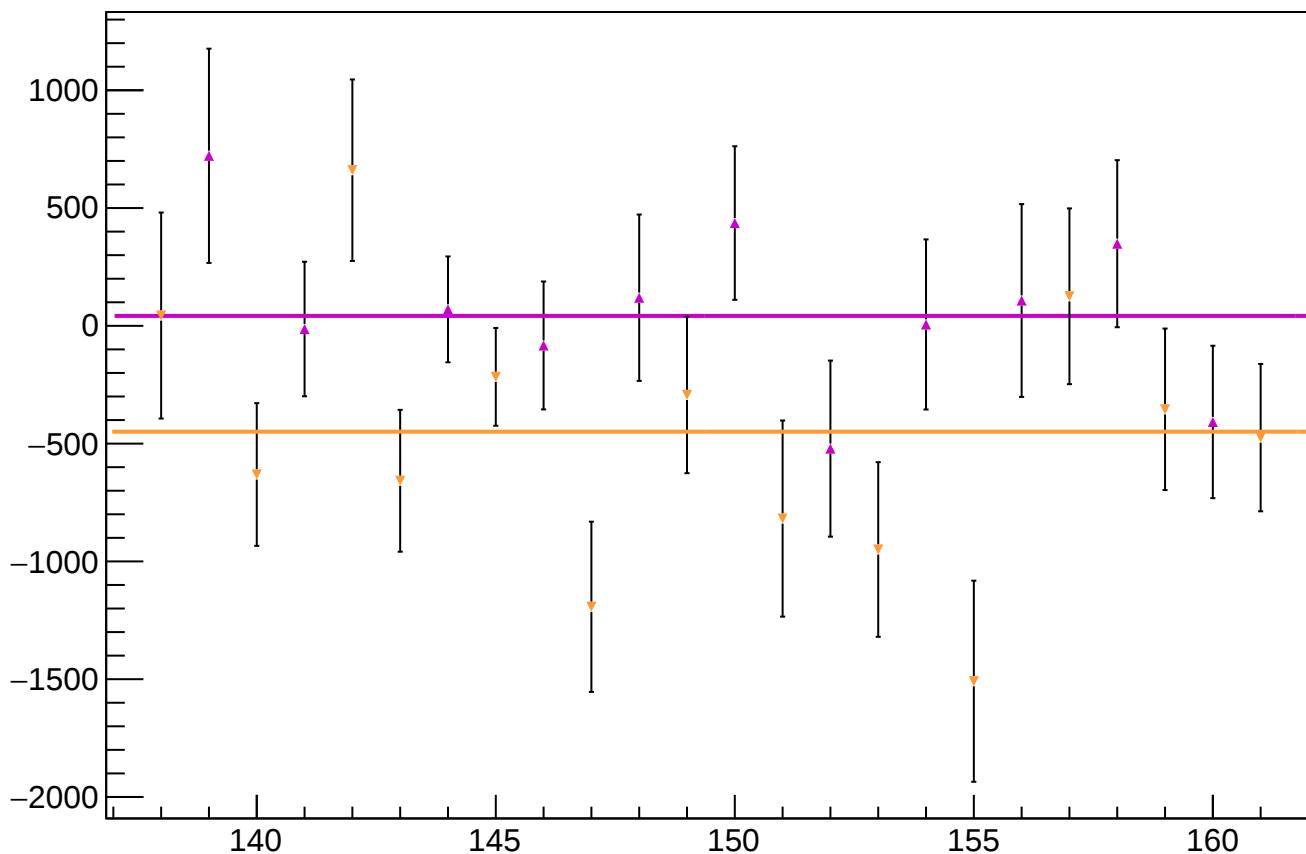
Right: 78.273 $\pm$ 0.016 χ^2/NDF : 3004207.0/35

In: 64.641 $\pm$ 0.012 χ^2/NDF :1987540.6/27

Out: 64.753 $\pm$ 0.012 χ^2/NDF :2453043.4/31

All: 64.699 $\pm$ 0.008 χ^2/NDF : 4440628.9/59

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.327+/-91.947 χ^2/NDF :27.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.109+/-97.021 χ^2/NDF :9.0/10

Left: -216.796+/-66.738 χ^2/NDF : 49.9/23

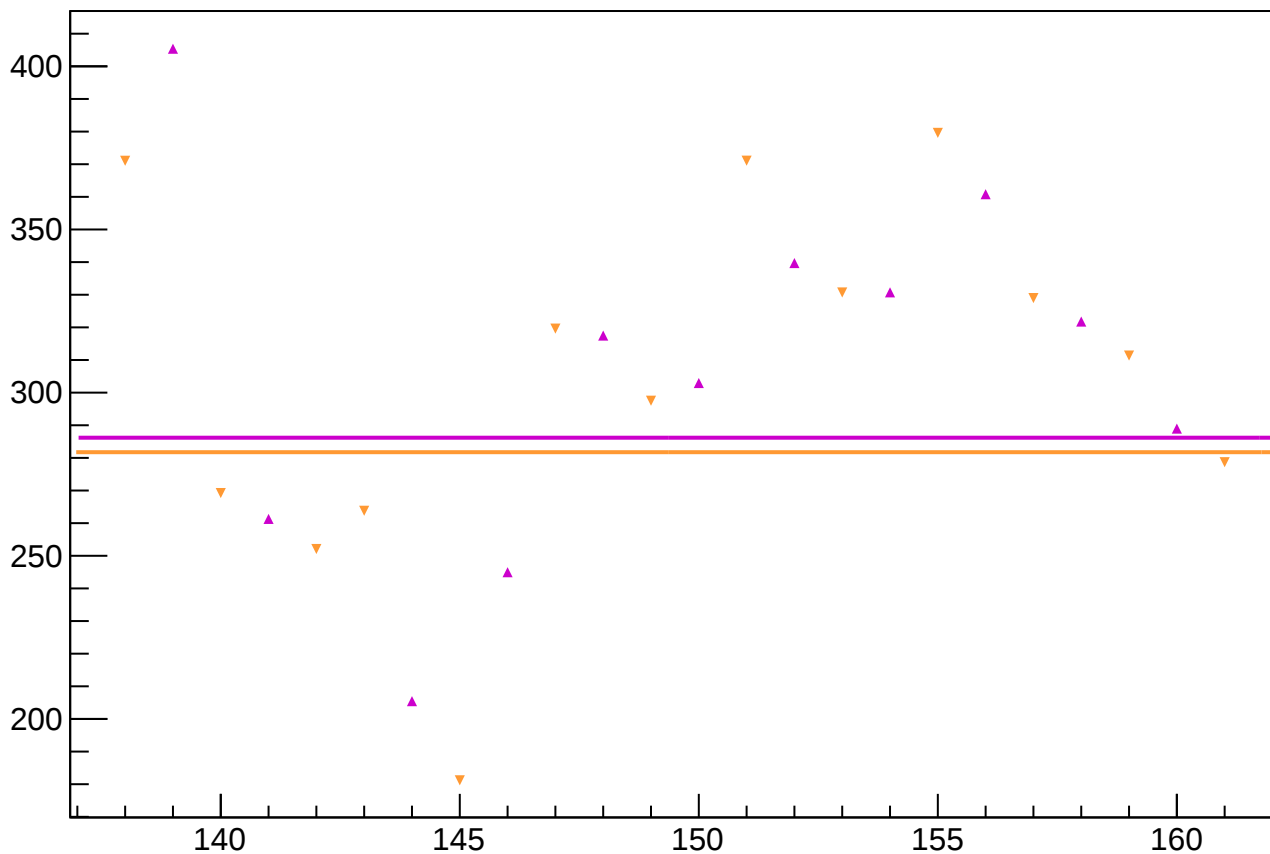
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.109+/-97.021 χ^2/NDF :9.0/10

Out: -449.327+/-91.947 χ^2/NDF :27.3/12

All: -216.796+/-66.738 χ^2/NDF : 49.9/23

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.187+/-0.069 χ^2/NDF :636456.7/10

Left: 283.848+/-0.047 χ^2/NDF : 1519783.5/23

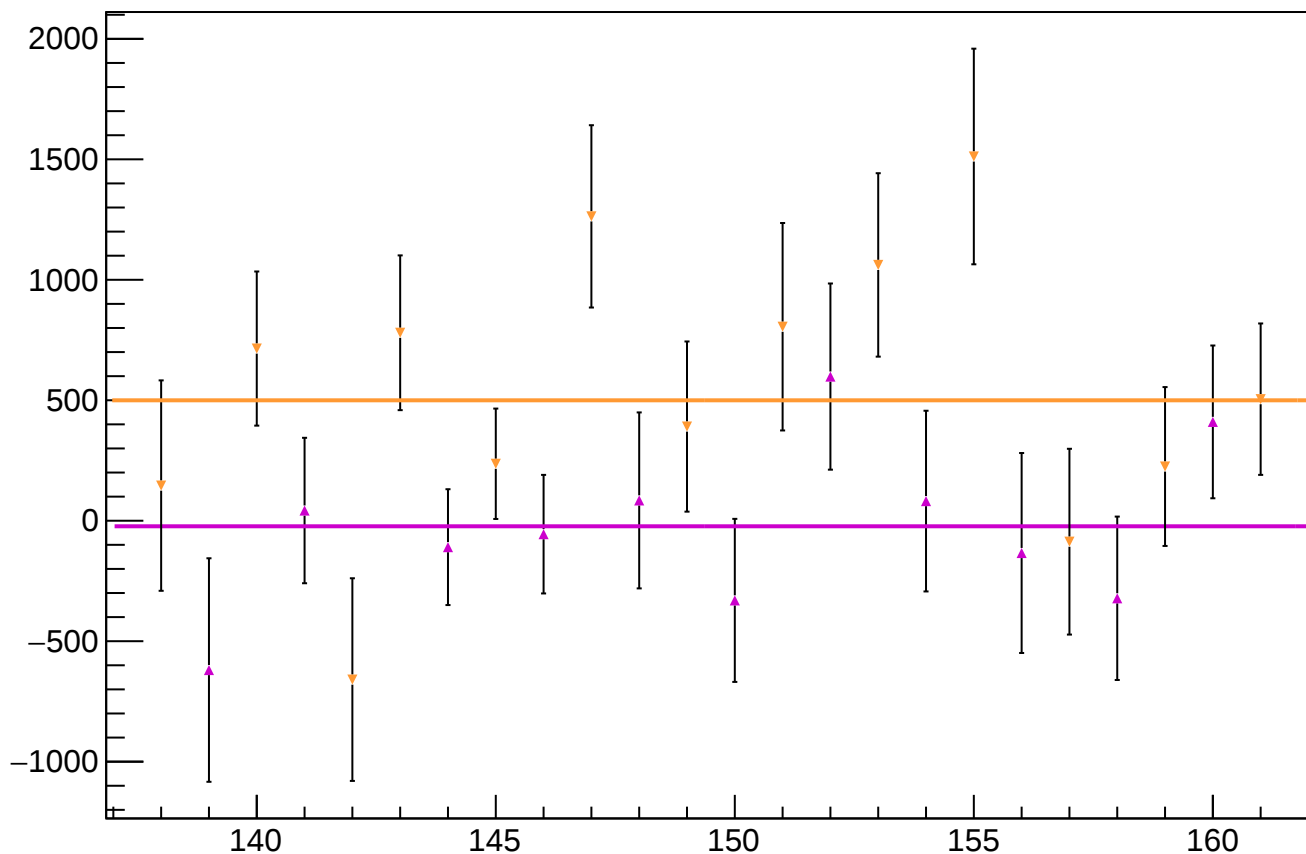
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.187+/-0.069 χ^2/NDF :636456.7/10

Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

All: 283.848+/-0.047 χ^2/NDF : 1519783.5/23

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 499.786+/-96.328 χ^2/NDF :25.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.055+/-98.085 χ^2/NDF :8.1/10

Left: 243.091+/-68.727 χ^2/NDF : 48.4/23

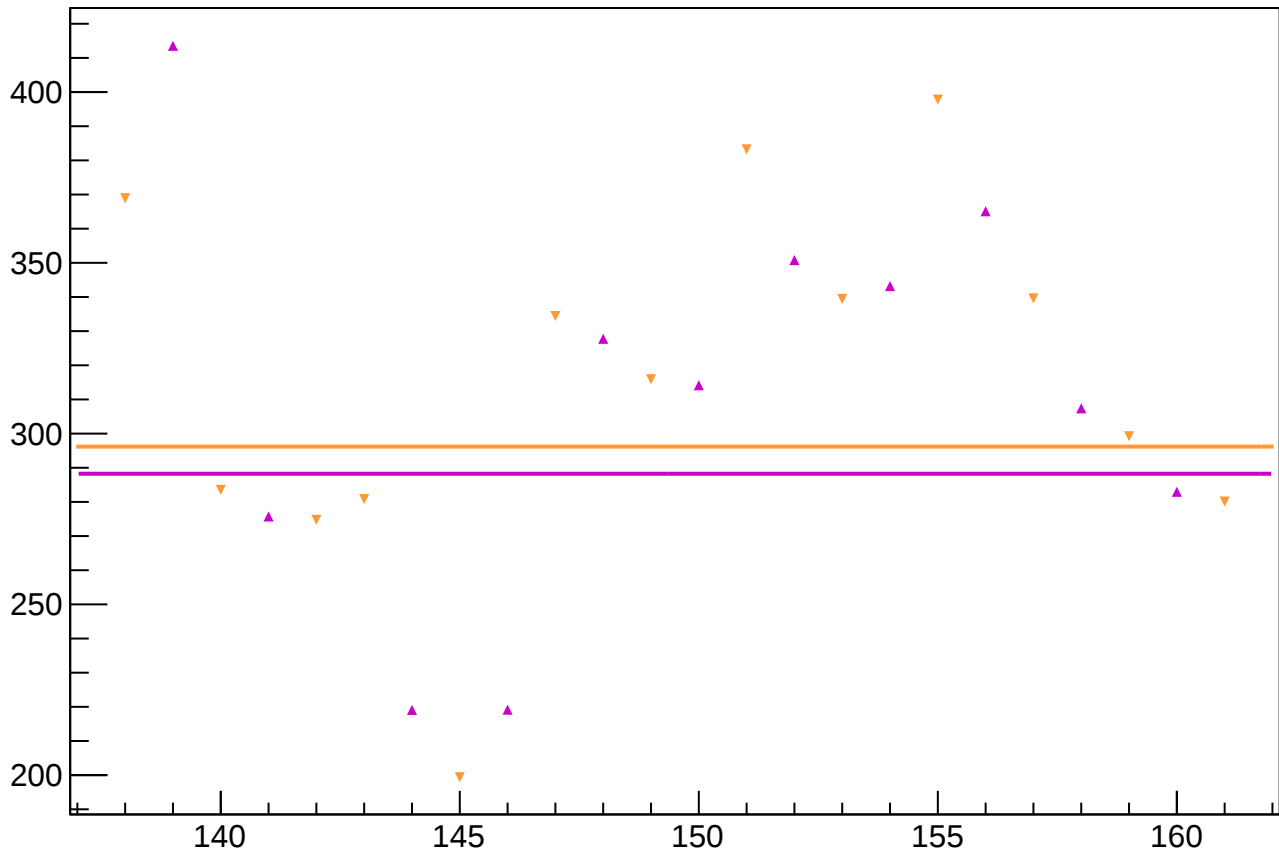
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.055+/-98.085 χ^2/NDF :8.1/10

Out: 499.786+/-96.328 χ^2/NDF :25.8/12

All: 243.091+/-68.727 χ^2/NDF : 48.4/23

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

Left: 292.296+/-0.049 χ^2/NDF : 1378776.1/23

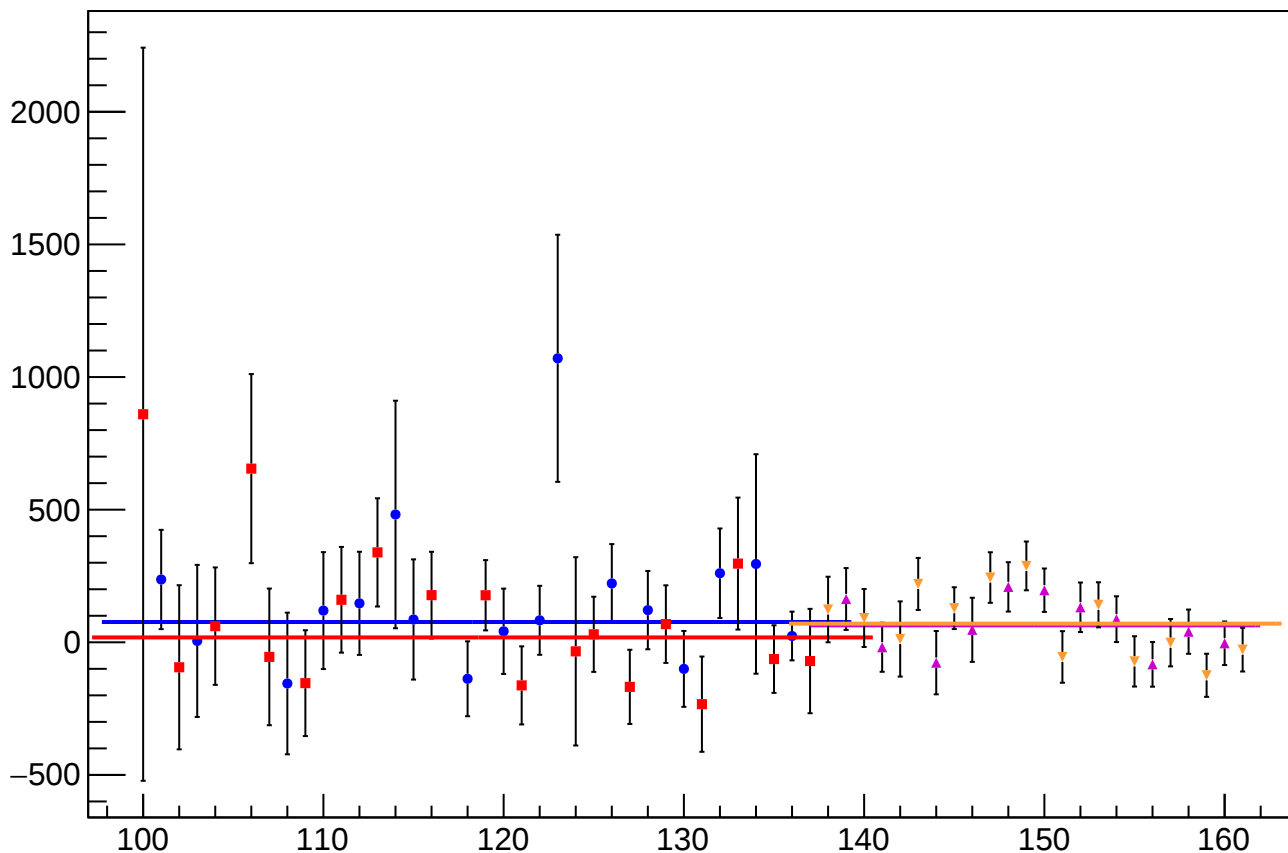
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

All: 292.296+/-0.049 χ^2/NDF : 1378776.1/23

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2/NDF : 13.9/16

Left Out: 70.347 $\pm$ 26.062 χ^2/NDF :24.6/12

Right Out: 18.393 $\pm$ 42.277 χ^2/NDF : 17.2/18

Left In: 63.896 $\pm$ 28.004 χ^2/NDF :12.4/10

Left: 67.353 $\pm$ 19.078 χ^2/NDF : 37.0/23

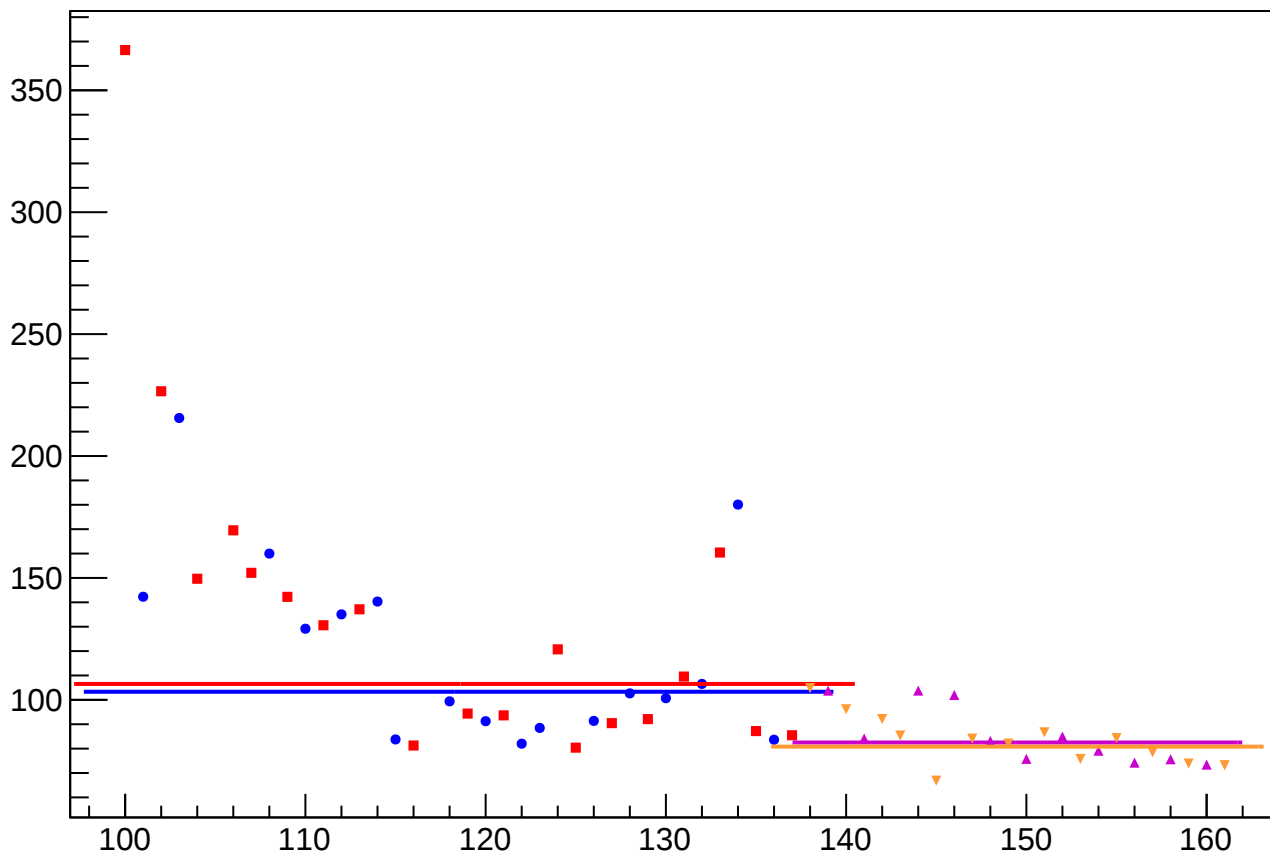
Right: 47.947 $\pm$ 29.637 χ^2/NDF : 32.0/35

In: 67.833 $\pm$ 23.223 χ^2/NDF :26.3/27

Out: 56.041 $\pm$ 22.185 χ^2/NDF :42.9/31

All: 61.667 $\pm$ 16.042 χ^2/NDF : 69.4/59

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2/NDF : 837801.7/16

Left Out: 80.816 $\pm$ 0.018 χ^2/NDF : 247479.4/12

Right Out: 106.532 $\pm$ 0.030 χ^2/NDF : 1071553.9/18

Left In: 82.507 $\pm$ 0.020 χ^2/NDF : 257836.5/10

Left: 81.601 $\pm$ 0.013 χ^2/NDF : 509225.5/23

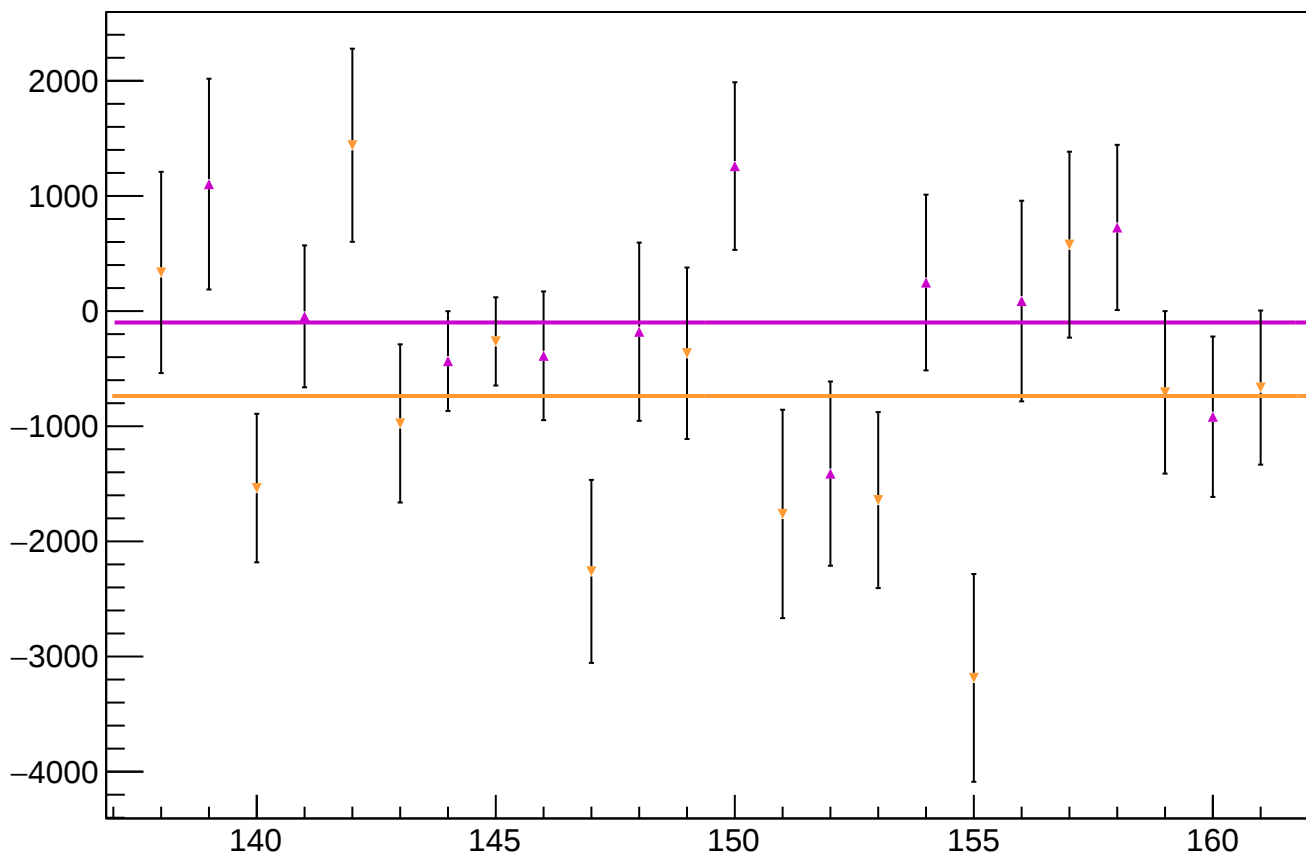
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 89.006 $\pm$ 0.016 χ^2/NDF : 1440554.9/27

Out: 87.897 $\pm$ 0.016 χ^2/NDF : 1855276.0/31

All: 88.426 $\pm$ 0.011 χ^2/NDF : 3298214.1/59

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -737.387 $\pm$ 191.081 χ^2 /NDF:28.1/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -98.876 $\pm$ 201.965 χ^2 /NDF:11.7/10

Left: -435.798 $\pm$ 138.803 χ^2 /NDF: 45.1/23

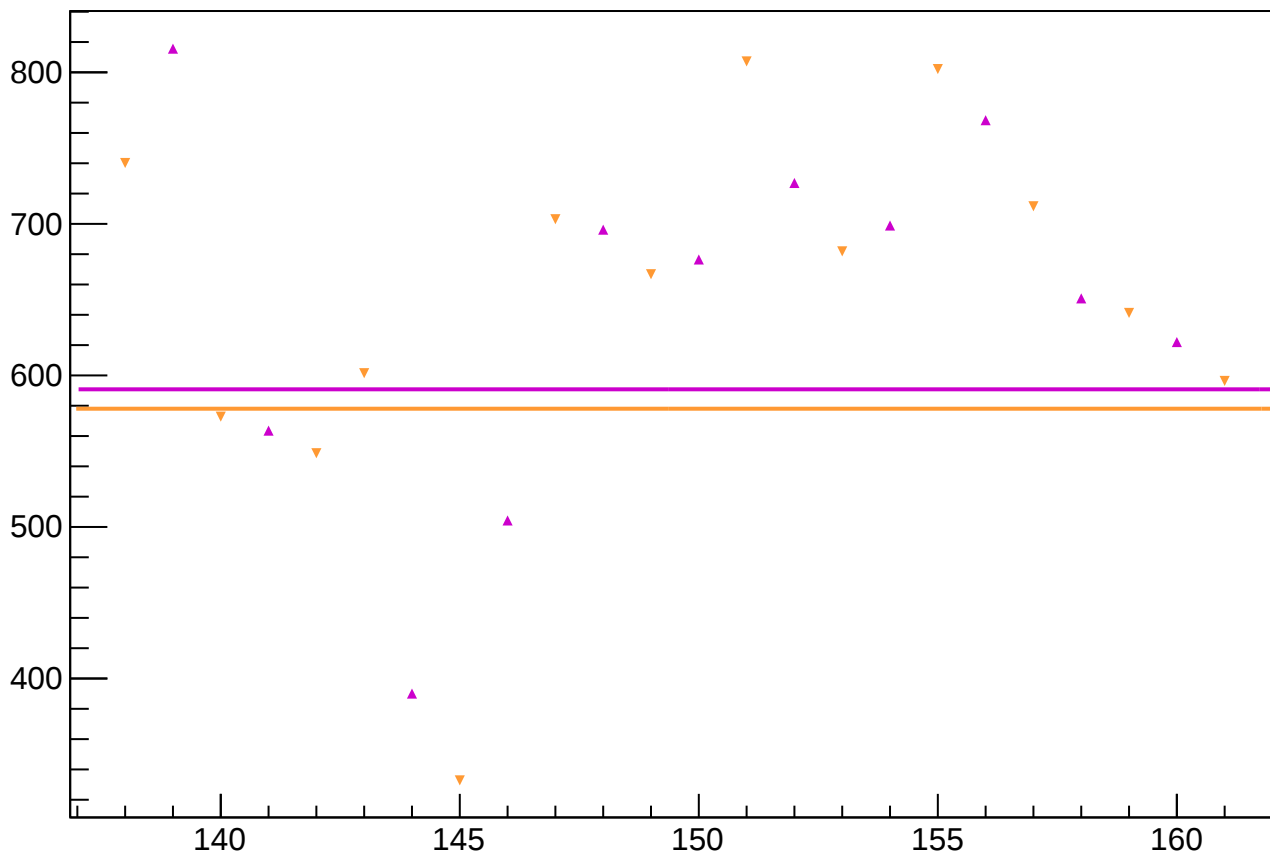
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -98.876 $\pm$ 201.965 χ^2 /NDF:11.7/10

Out: -737.387 $\pm$ 191.081 χ^2 /NDF:28.1/12

All: -435.798 $\pm$ 138.803 χ^2 /NDF: 45.1/23

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 590.832+/-0.143 χ^2/NDF :866037.3/10

Left: 584.078+/-0.098 χ^2/NDF : 2202490.9/23

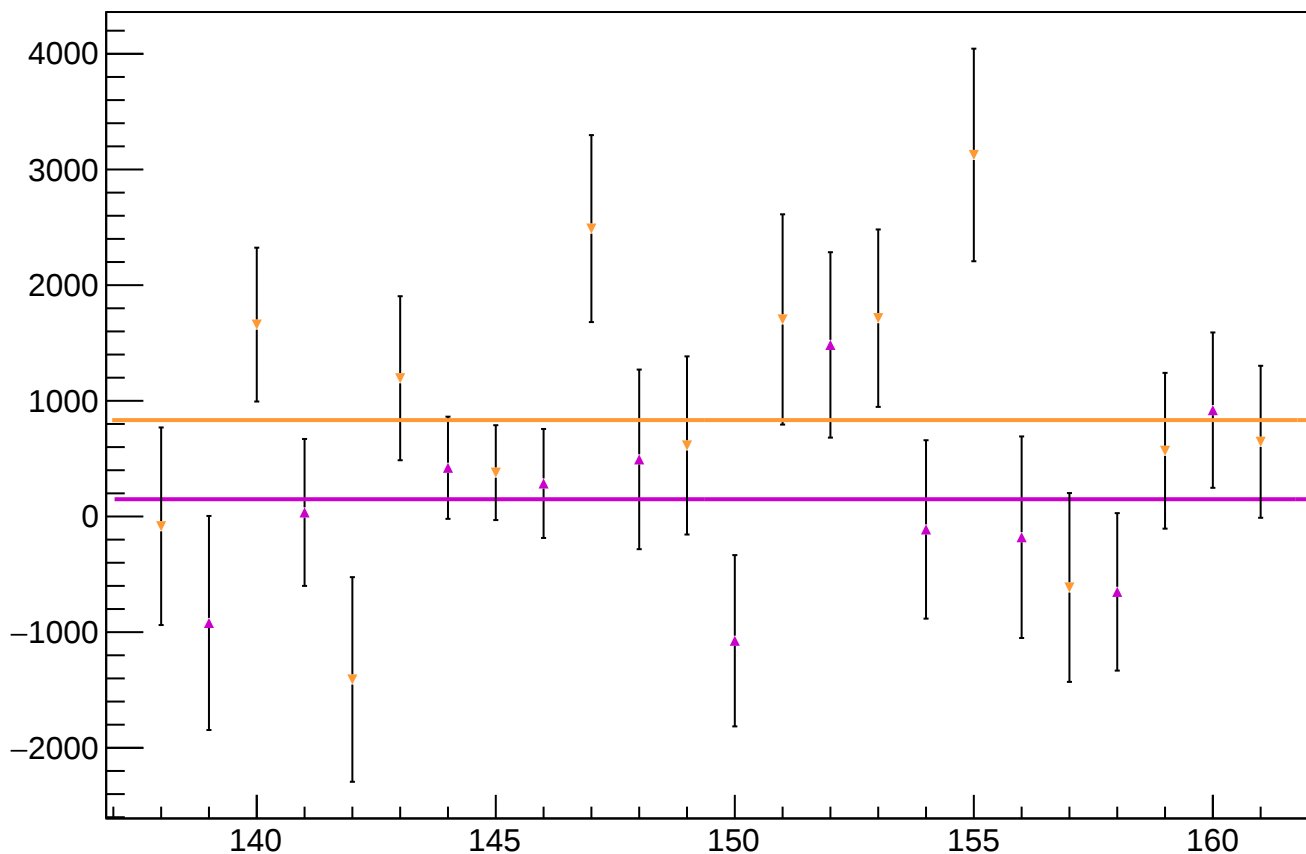
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.832+/-0.143 χ^2/NDF :866037.3/10

Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

All: 584.078+/-0.098 χ^2/NDF : 2202490.9/23

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 833.394 ± 195.438 $\chi^2/\text{NDF}: 26.7/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 149.274 ± 197.287 $\chi^2/\text{NDF}: 10.5/10$

Left: 494.556 ± 138.845 $\chi^2/\text{NDF}: 43.3/23$

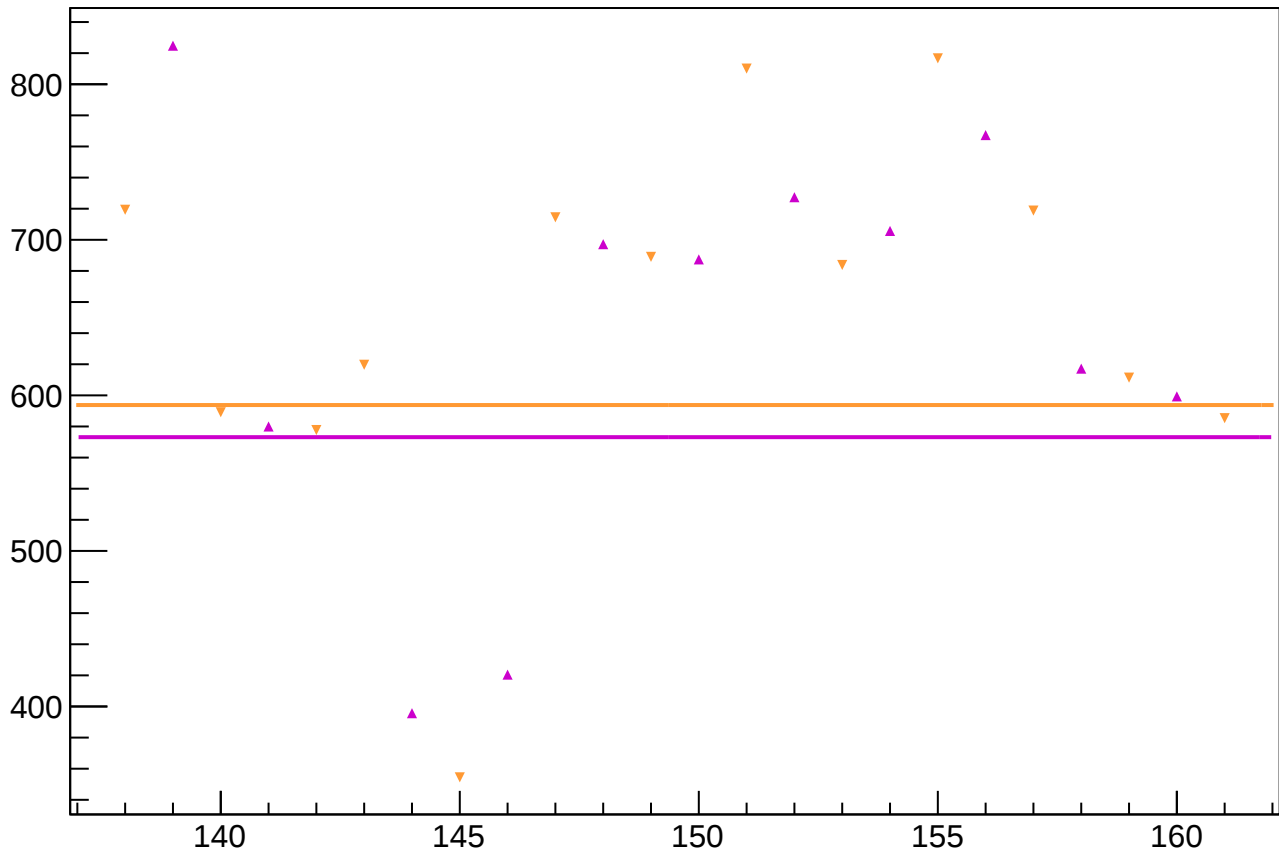
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 149.274 ± 197.287 $\chi^2/\text{NDF}: 10.5/10$

Out: 833.394 ± 195.438 $\chi^2/\text{NDF}: 26.7/12$

All: 494.556 ± 138.845 $\chi^2/\text{NDF}: 43.3/23$

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

Left: 583.554+/-0.098 χ^2/NDF : 2145067.5/23

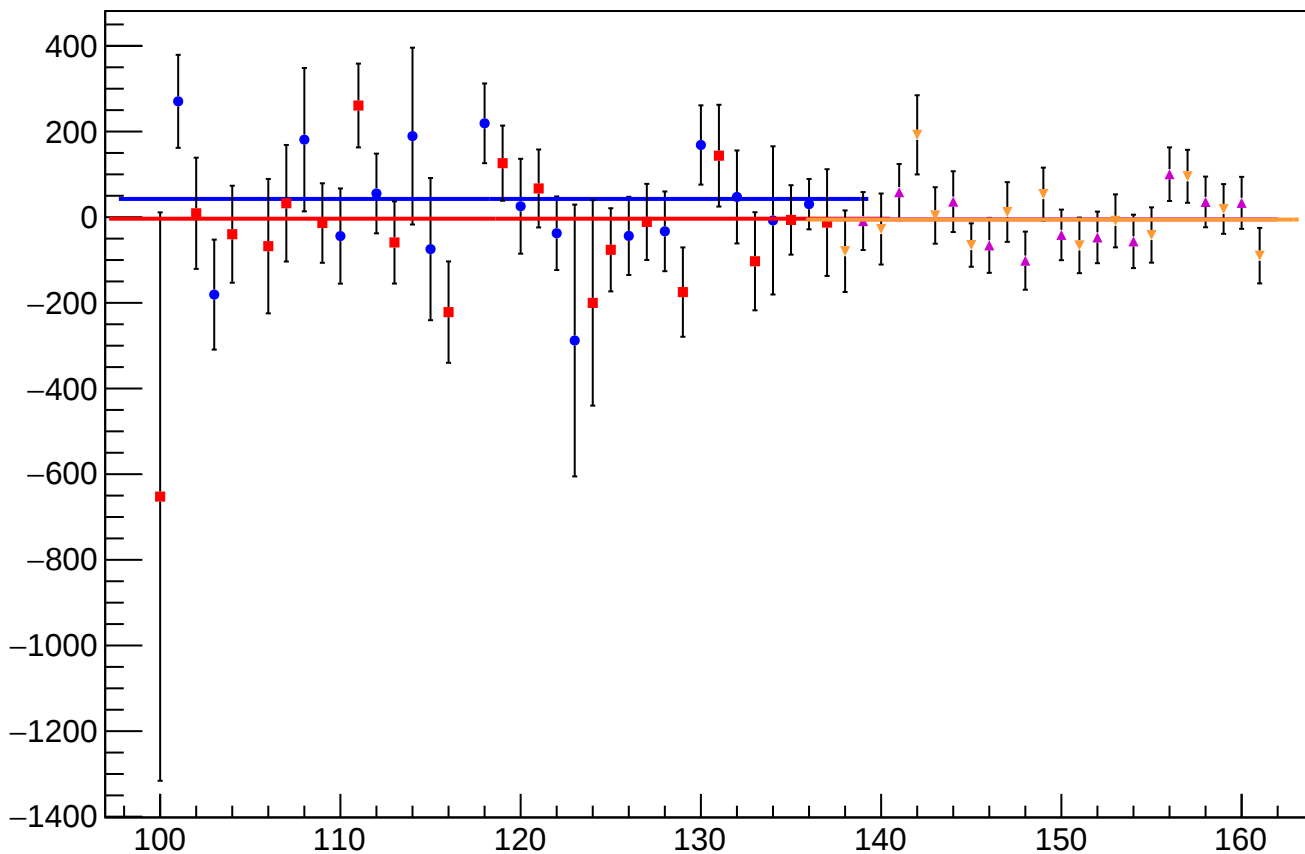
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

All: 583.554+/-0.098 χ^2/NDF : 2145067.5/23

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: -5.531 $\pm$ 18.272 χ^2 /NDF:13.4/12

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -4.972 $\pm$ 19.097 χ^2 /NDF:9.5/10

Left: -5.263 $\pm$ 13.202 χ^2 /NDF: 22.8/23

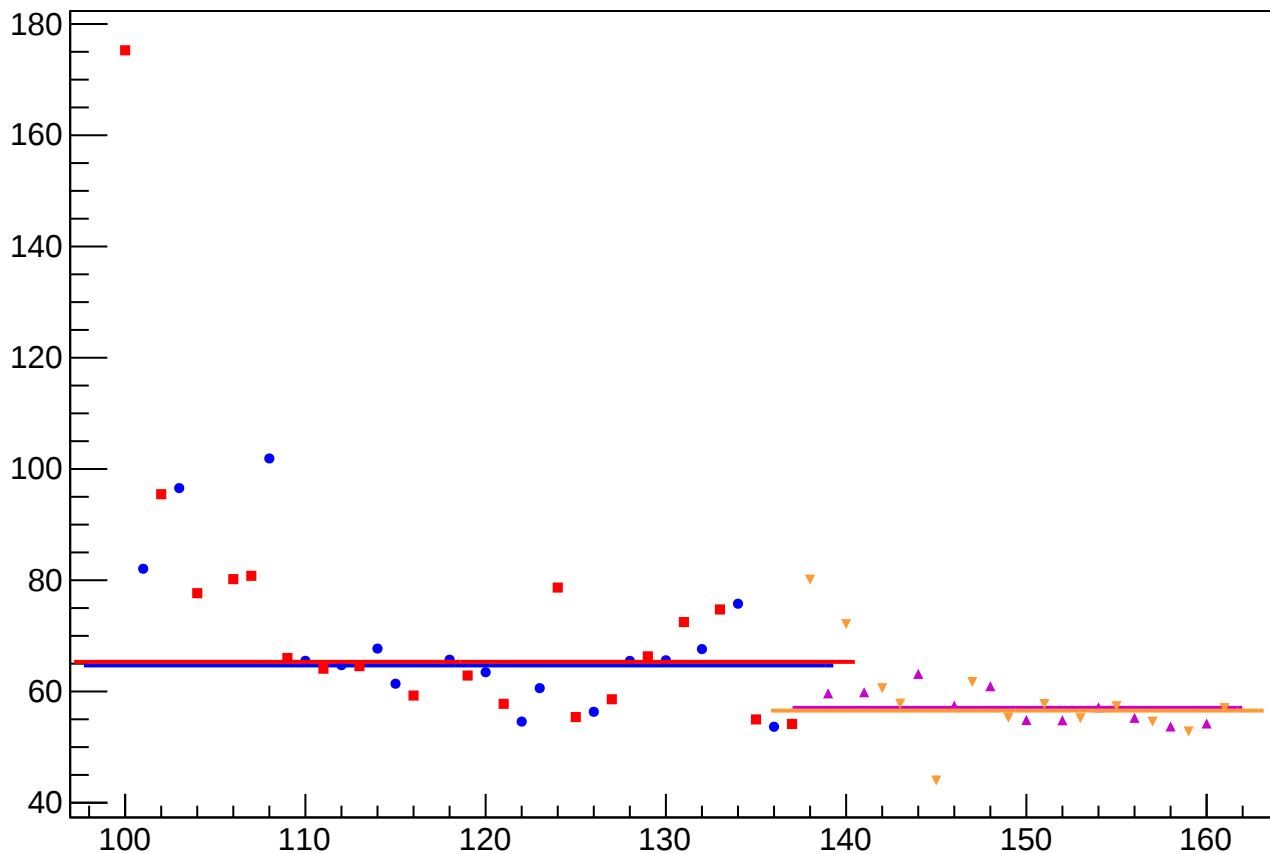
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 12.153 $\pm$ 15.282 χ^2 /NDF:30.6/27

Out: -4.827 $\pm$ 14.766 χ^2 /NDF:34.7/31

All: 3.371 $\pm$ 10.619 χ^2 /NDF: 65.9/59

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.567 $\pm$ 0.013 χ^2 /NDF:344338.4/12

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.054 $\pm$ 0.014 χ^2 /NDF:45931.0/10

Left: 56.800 $\pm$ 0.009 χ^2 /NDF: 390949.1/23

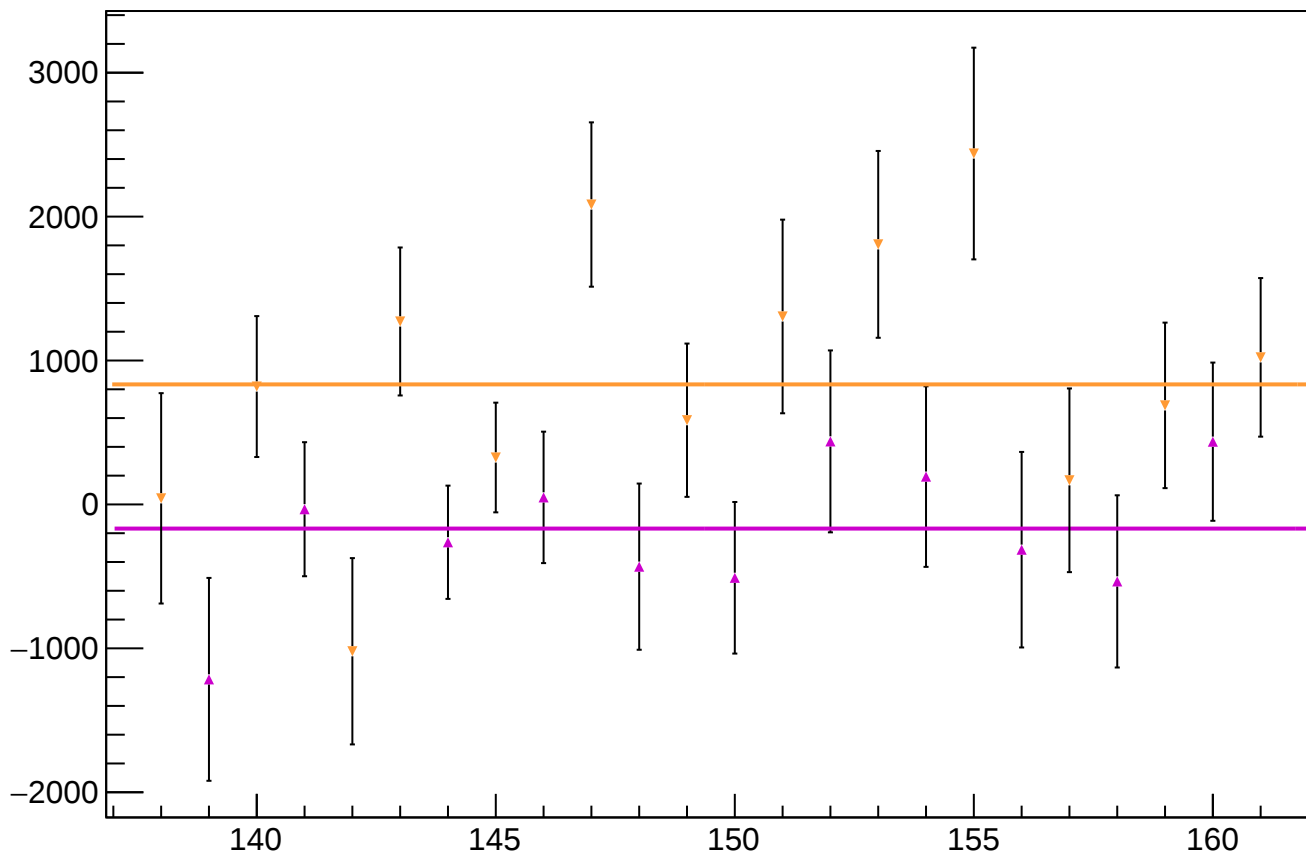
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.798 $\pm$ 0.011 χ^2 /NDF:560961.0/27

Out: 59.605 $\pm$ 0.010 χ^2 /NDF:863298.1/31

All: 59.698 $\pm$ 0.008 χ^2 /NDF: 1424424.4/59

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: 834.086+/-156.375 χ^2/NDF :25.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -167.796+/-162.664 χ^2/NDF :6.1/10

Left: 352.888+/-112.731 χ^2/NDF : 51.5/23

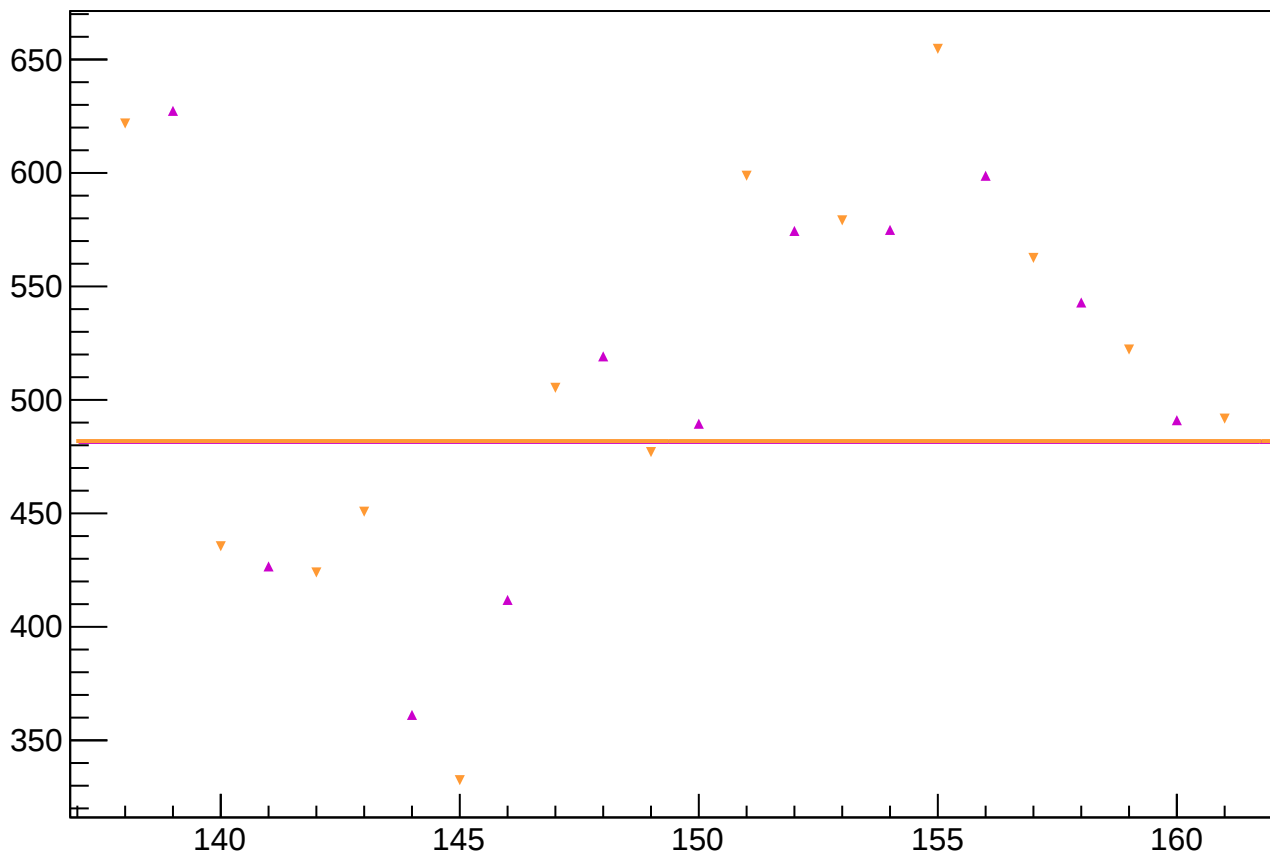
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -167.796+/-162.664 χ^2/NDF :6.1/10

Out: 834.086+/-156.375 χ^2/NDF :25.7/12

All: 352.888+/-112.731 χ^2/NDF : 51.5/23

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: 481.863+/-0.111 χ^2/NDF :683750.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.481+/-0.115 χ^2/NDF :524665.2/10

Left: 481.680+/-0.080 χ^2/NDF : 1208421.0/23

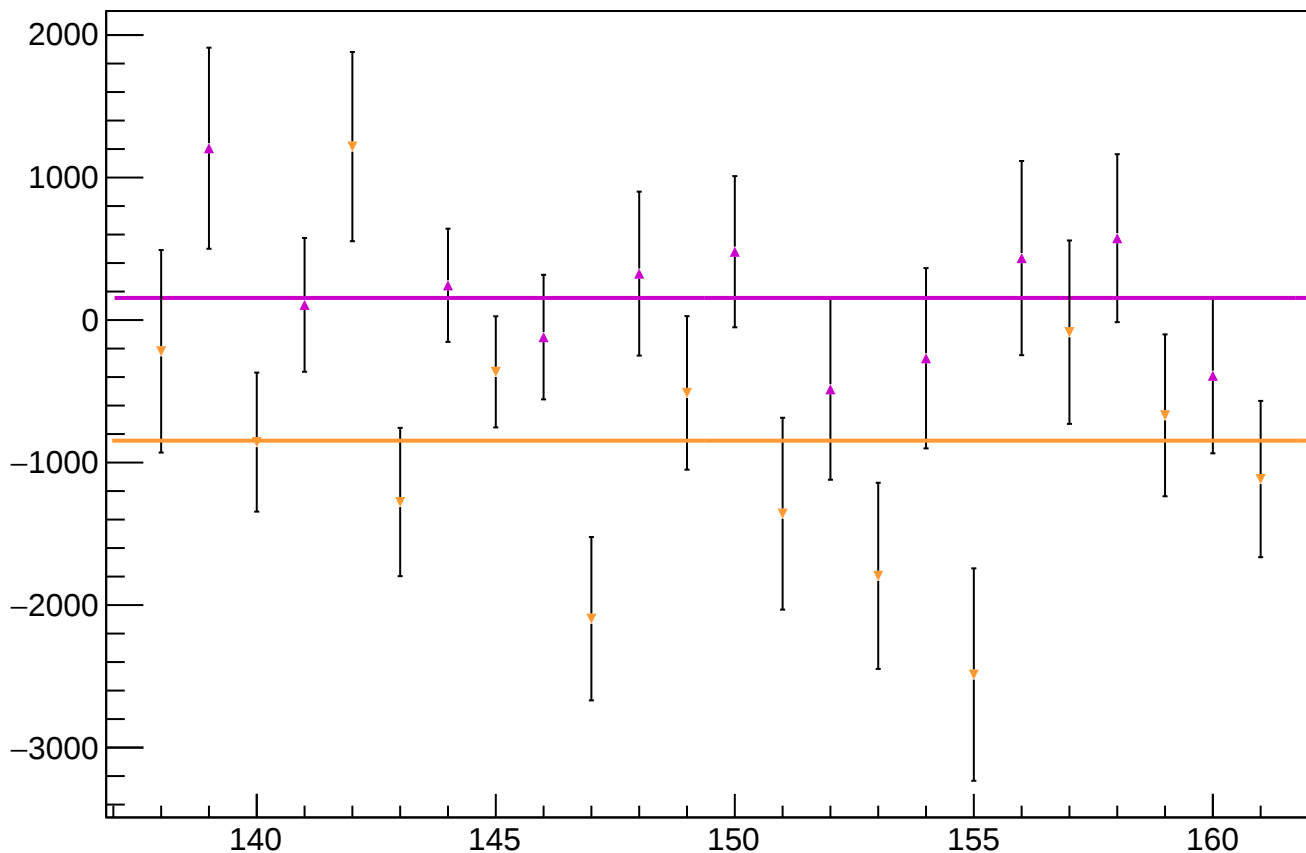
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.481+/-0.115 χ^2/NDF :524665.2/10

Out: 481.863+/-0.111 χ^2/NDF :683750.1/12

All: 481.680+/-0.080 χ^2/NDF : 1208421.0/23

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -846.294 $\pm$ 157.324 χ^2 /NDF:27.1/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 155.212 $\pm$ 162.056 χ^2 /NDF:6.3/10

Left: -360.377 $\pm$ 112.881 χ^2 /NDF: 53.0/23

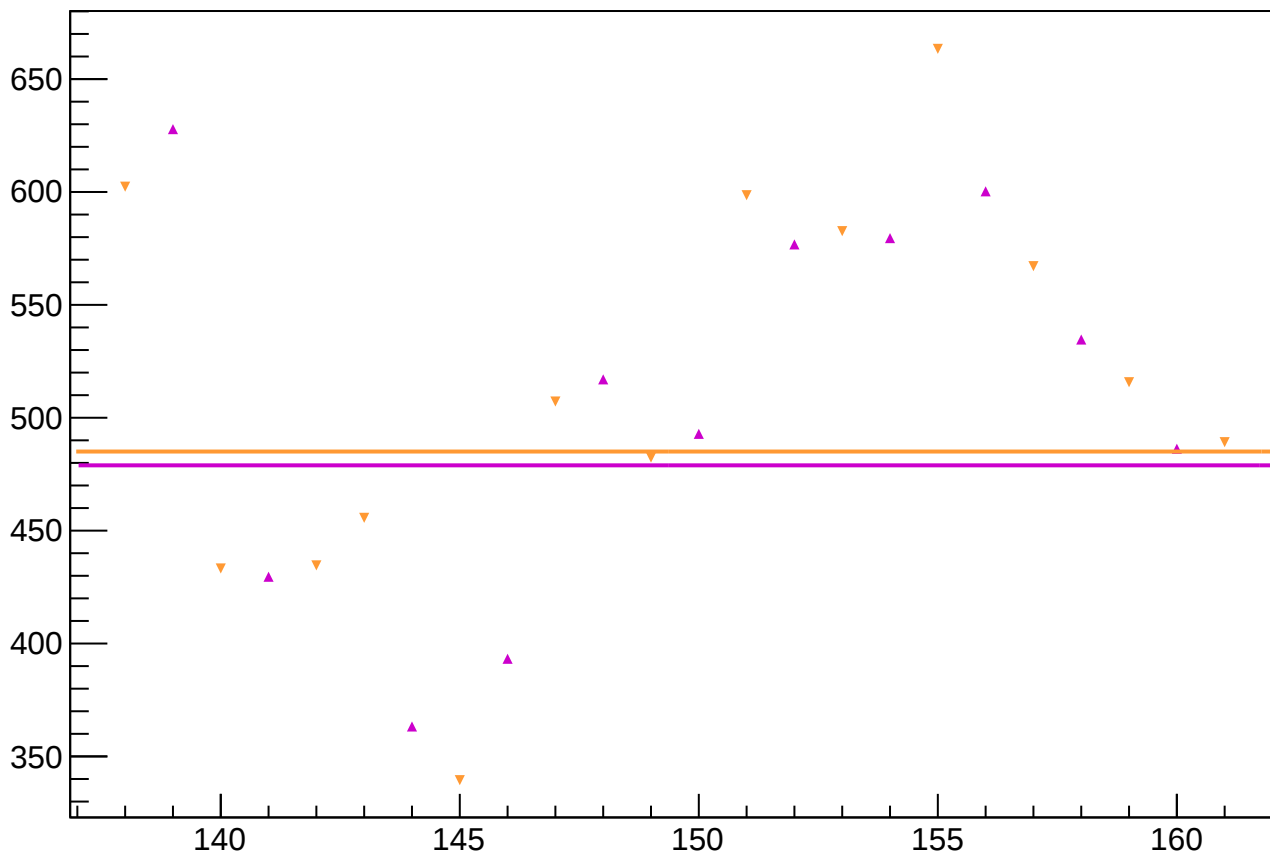
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 155.212 $\pm$ 162.056 χ^2 /NDF:6.3/10

Out: -846.294 $\pm$ 157.324 χ^2 /NDF:27.1/12

All: -360.377 $\pm$ 112.881 χ^2 /NDF: 53.0/23

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.923+/-0.115 χ^2/NDF :547503.1/10

Left: 482.072+/-0.080 χ^2/NDF : 1180276.7/23

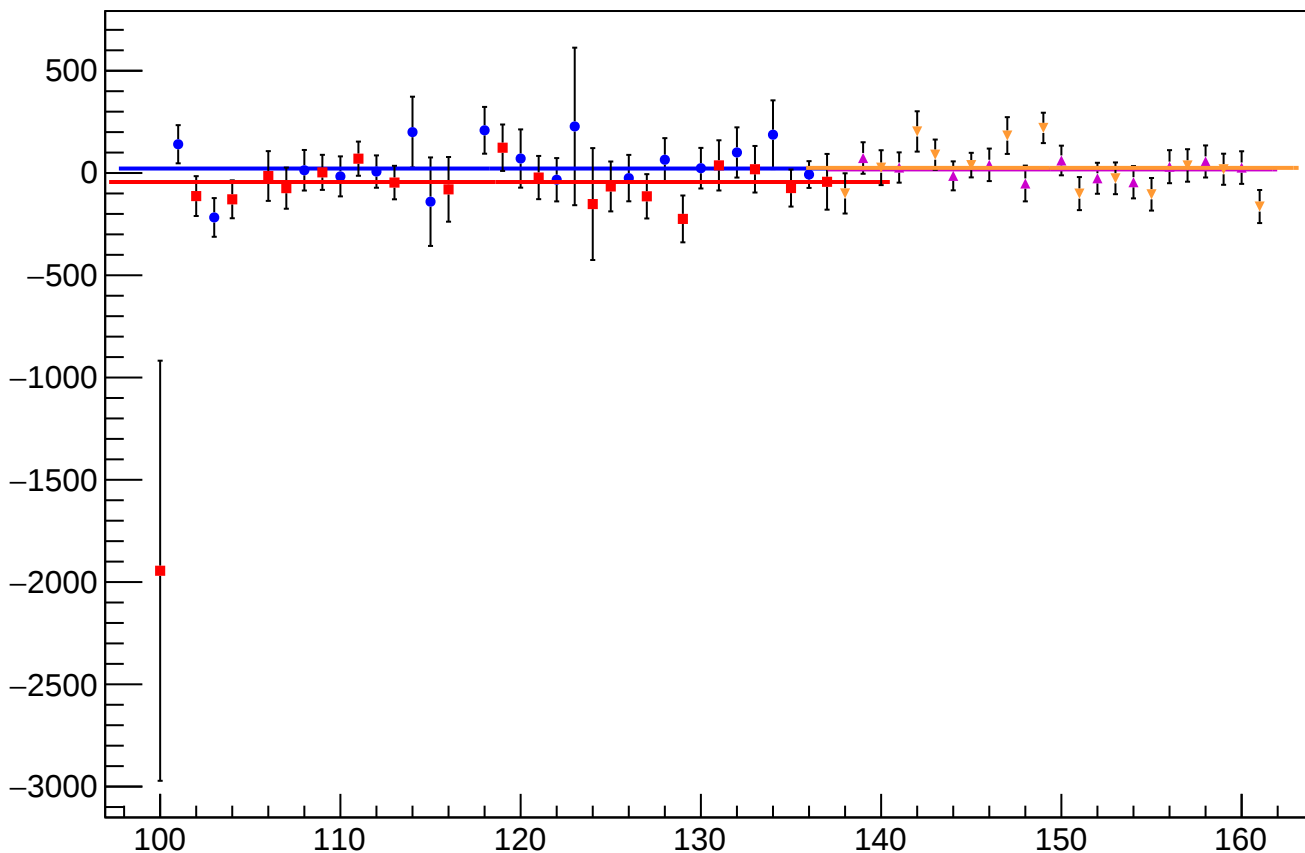
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.923+/-0.115 χ^2/NDF :547503.1/10

Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

All: 482.072+/-0.080 χ^2/NDF : 1180276.7/23

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: 25.108 $\pm$ 21.978 χ^2 /NDF:26.7/12

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 17.535 $\pm$ 23.332 χ^2 /NDF:3.0/10

Left: 21.547 $\pm$ 15.998 χ^2 /NDF: 29.8/23

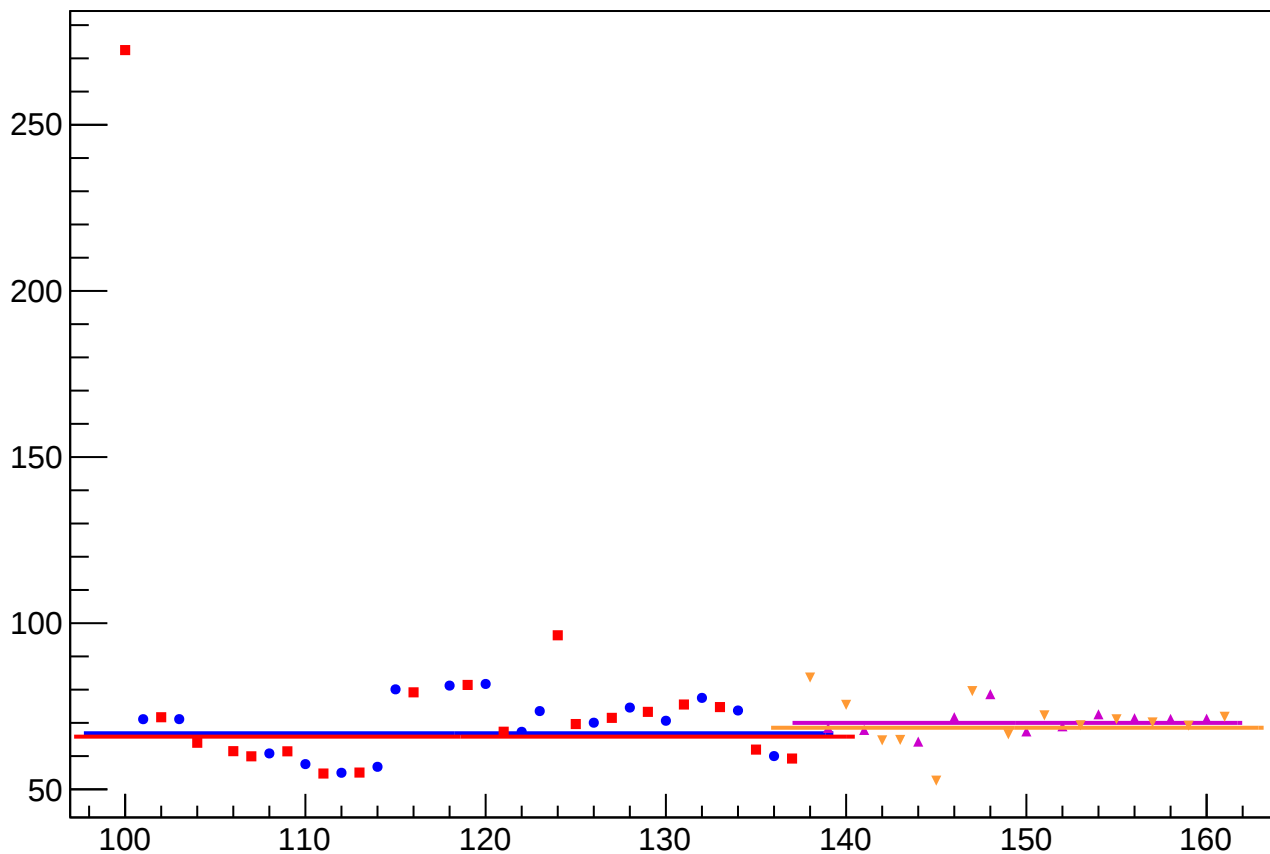
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 19.481 $\pm$ 17.382 χ^2 /NDF:18.1/27

Out: -4.852 $\pm$ 16.537 χ^2 /NDF:44.2/31

All: 6.710 $\pm$ 11.981 χ^2 /NDF: 63.4/59

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.534 $\pm$ 0.016 χ^2 /NDF:250932.1/12

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.996 $\pm$ 0.016 χ^2 /NDF:42137.0/10

Left: 69.221 $\pm$ 0.011 χ^2 /NDF: 297233.9/23

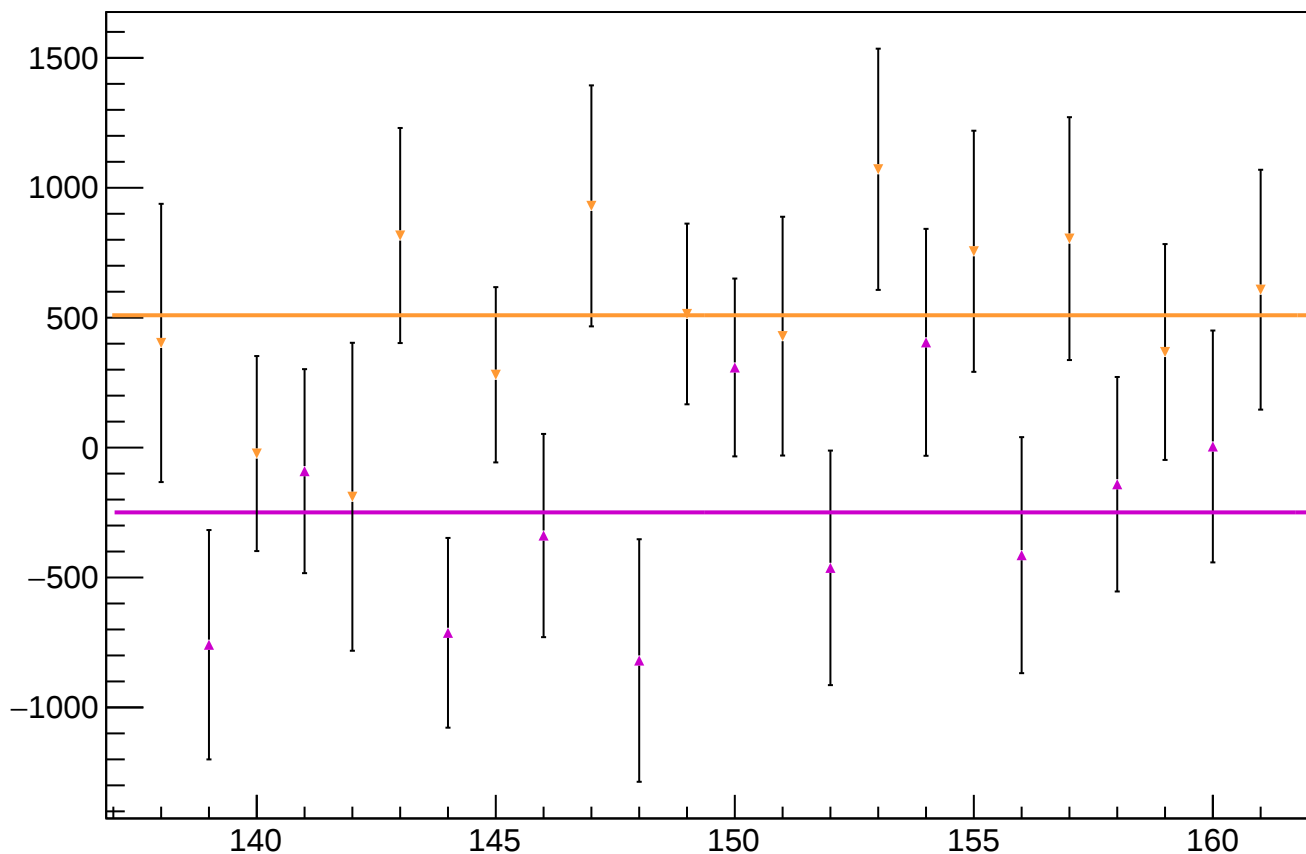
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 68.606 $\pm$ 0.012 χ^2 /NDF:260611.5/27

Out: 67.371 $\pm$ 0.012 χ^2 /NDF:563702.0/31

All: 67.958 $\pm$ 0.008 χ^2 /NDF: 829610.5/59

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: 509.379+/-119.469 χ^2/NDF : 7.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.341+/-124.348 χ^2/NDF : 10.3/10

Left: 145.195+/-86.151 χ^2/NDF : 37.3/23

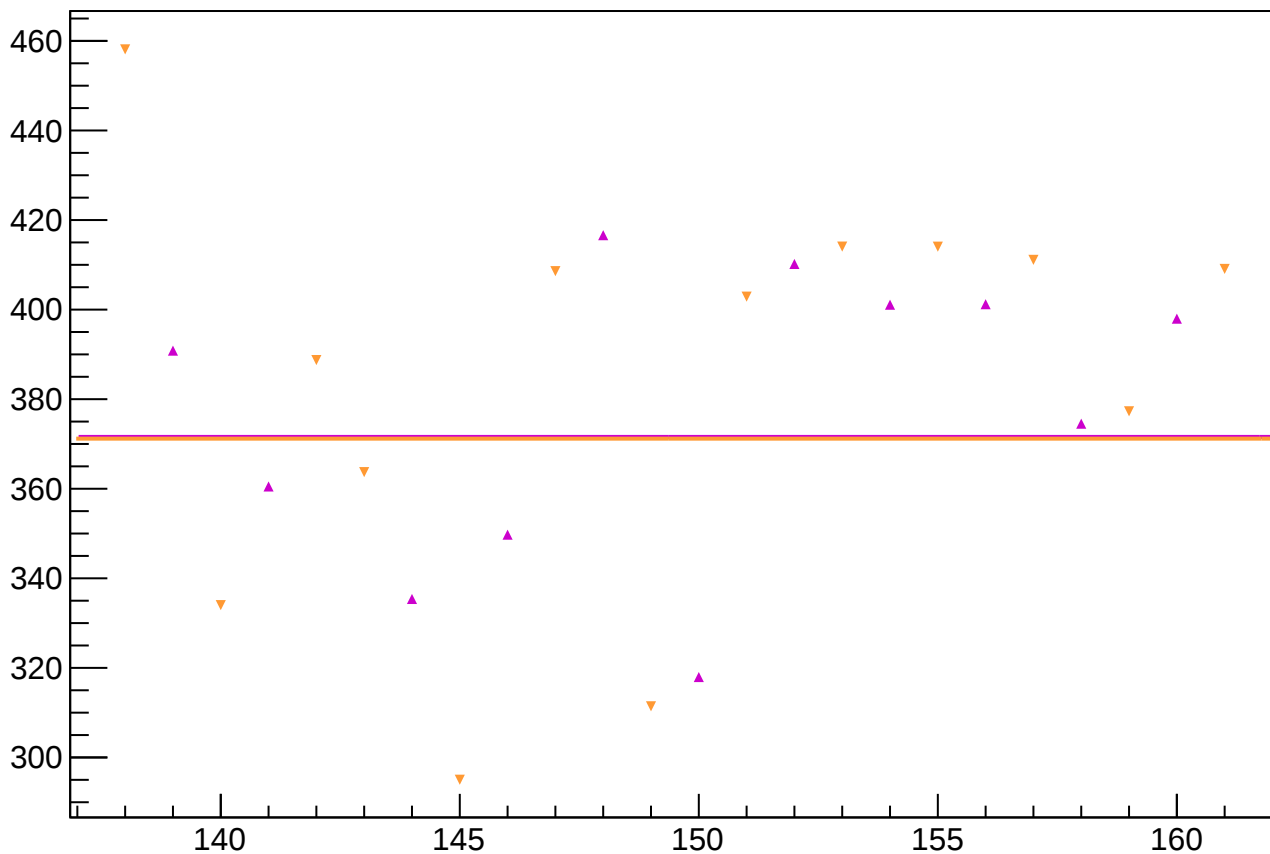
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.341+/-124.348 χ^2/NDF : 10.3/10

Out: 509.379+/-119.469 χ^2/NDF : 7.6/12

All: 145.195+/-86.151 χ^2/NDF : 37.3/23

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: 371.187+/-0.084 χ^2/NDF :320947.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 371.574+/-0.088 χ^2/NDF :138384.4/10

Left: 371.373+/-0.061 χ^2/NDF : 459342.2/23

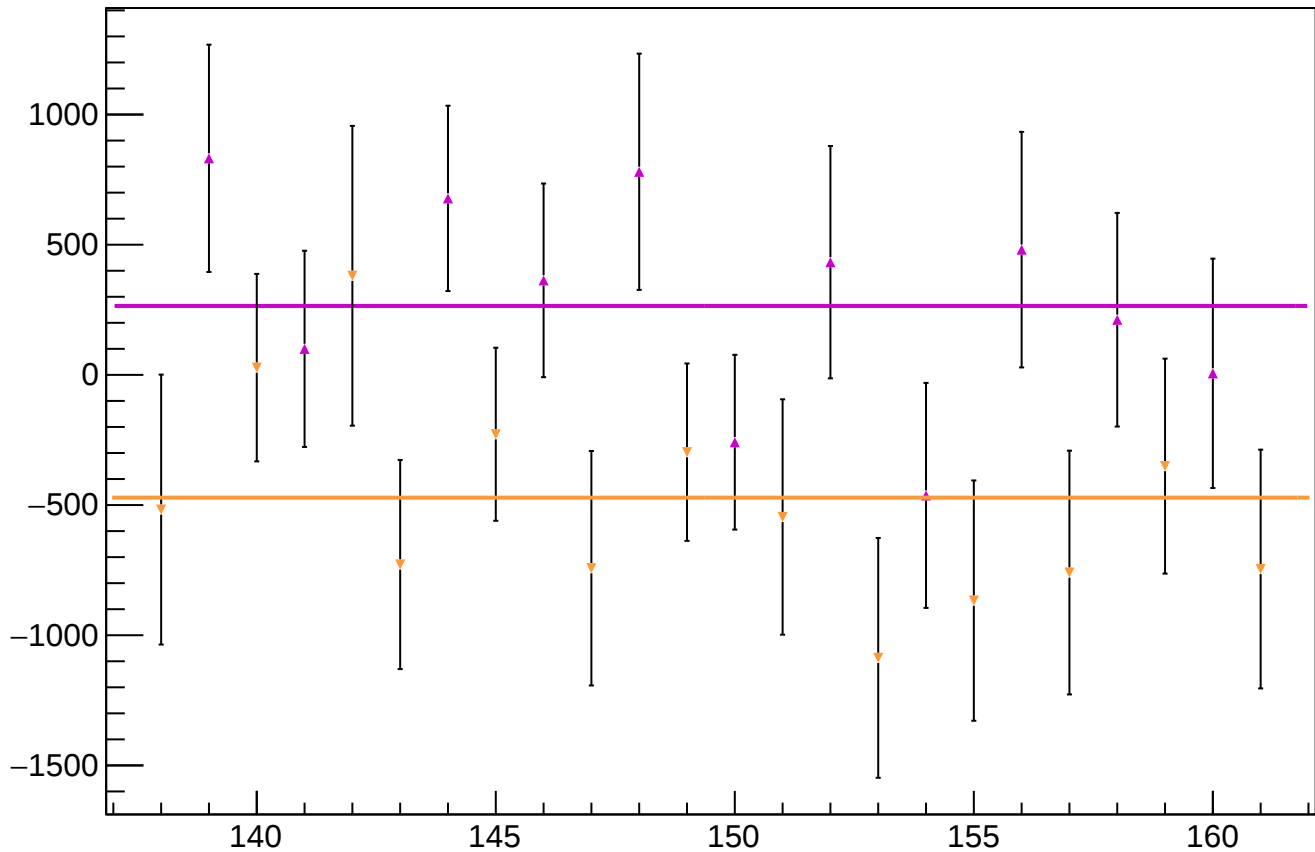
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 371.574+/-0.088 χ^2/NDF :138384.4/10

Out: 371.187+/-0.084 χ^2/NDF :320947.7/12

All: 371.373+/-0.061 χ^2/NDF : 459342.2/23

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 264.786+/-121.712 χ^2/NDF : 10.6/10

Left: -117.090+/-84.441 χ^2/NDF : 38.6/23

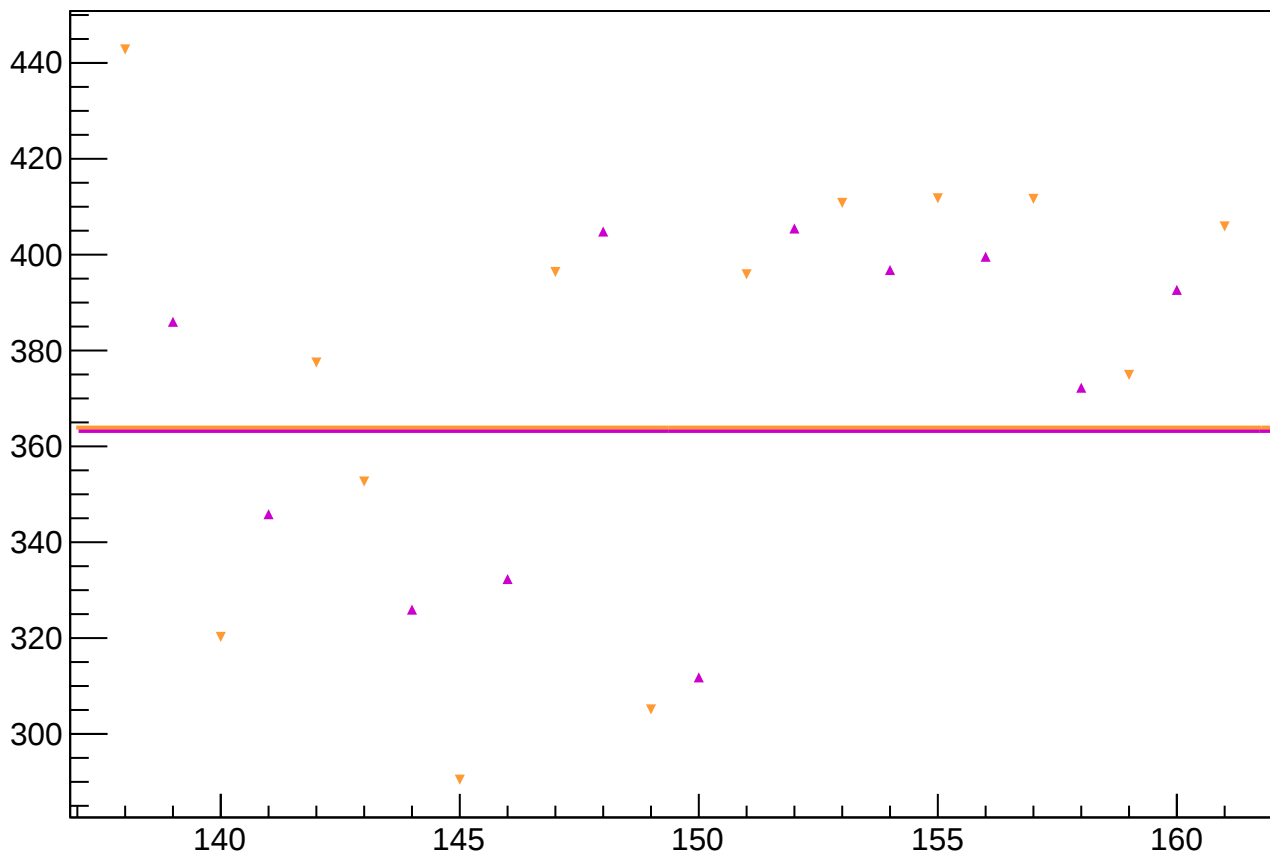
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 264.786+/-121.712 χ^2/NDF : 10.6/10

Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

All: -117.090+/-84.441 χ^2/NDF : 38.6/23

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 363.224+/-0.086 χ^2/NDF :162003.7/10

Left: 363.585+/-0.060 χ^2/NDF : 499351.9/23

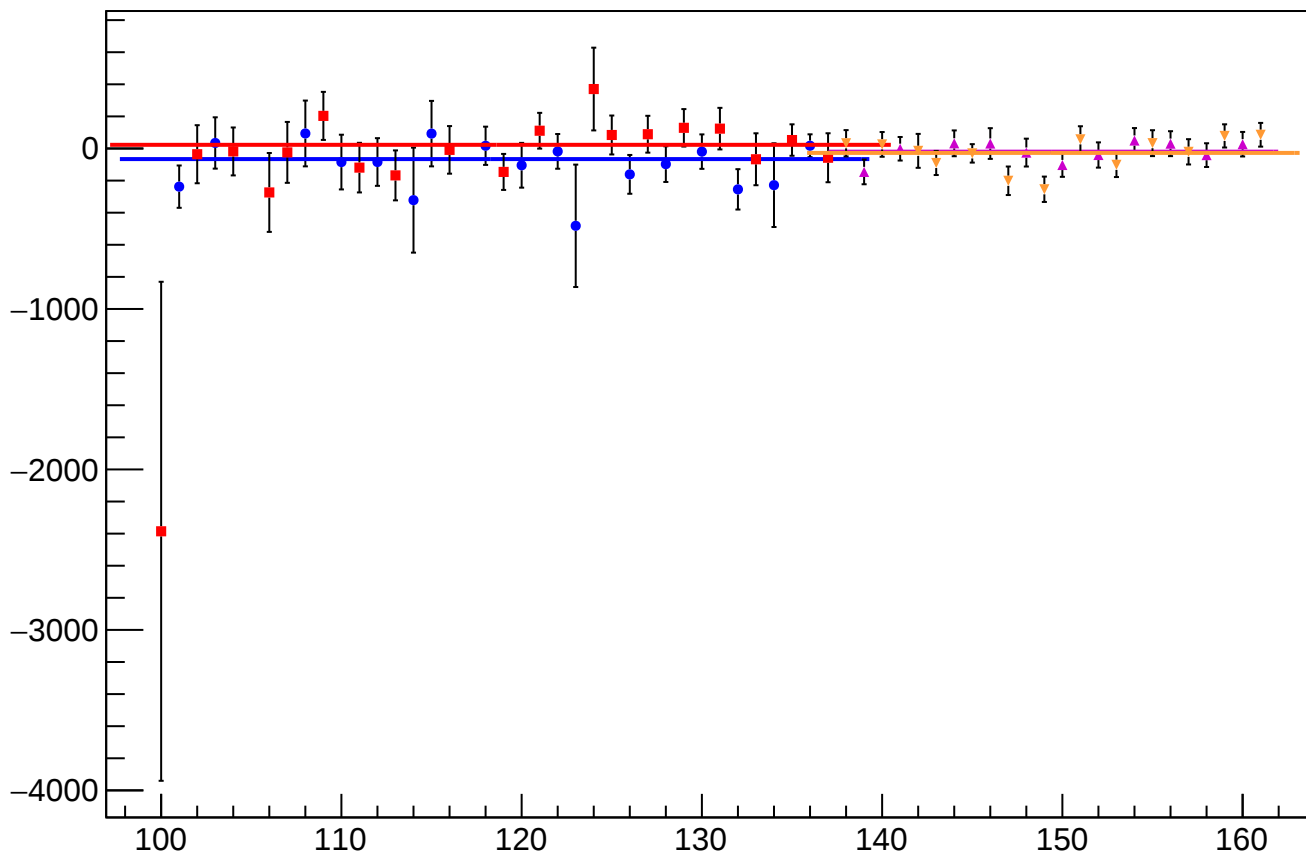
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 363.224+/-0.086 χ^2/NDF :162003.7/10

Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

All: 363.585+/-0.060 χ^2/NDF : 499351.9/23

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: -27.473 ± 21.396 $\chi^2/\text{NDF}: 20.9/12$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -19.707 ± 23.691 $\chi^2/\text{NDF}: 6.5/10$

Left: -23.984 ± 15.879 $\chi^2/\text{NDF}: 27.4/23$

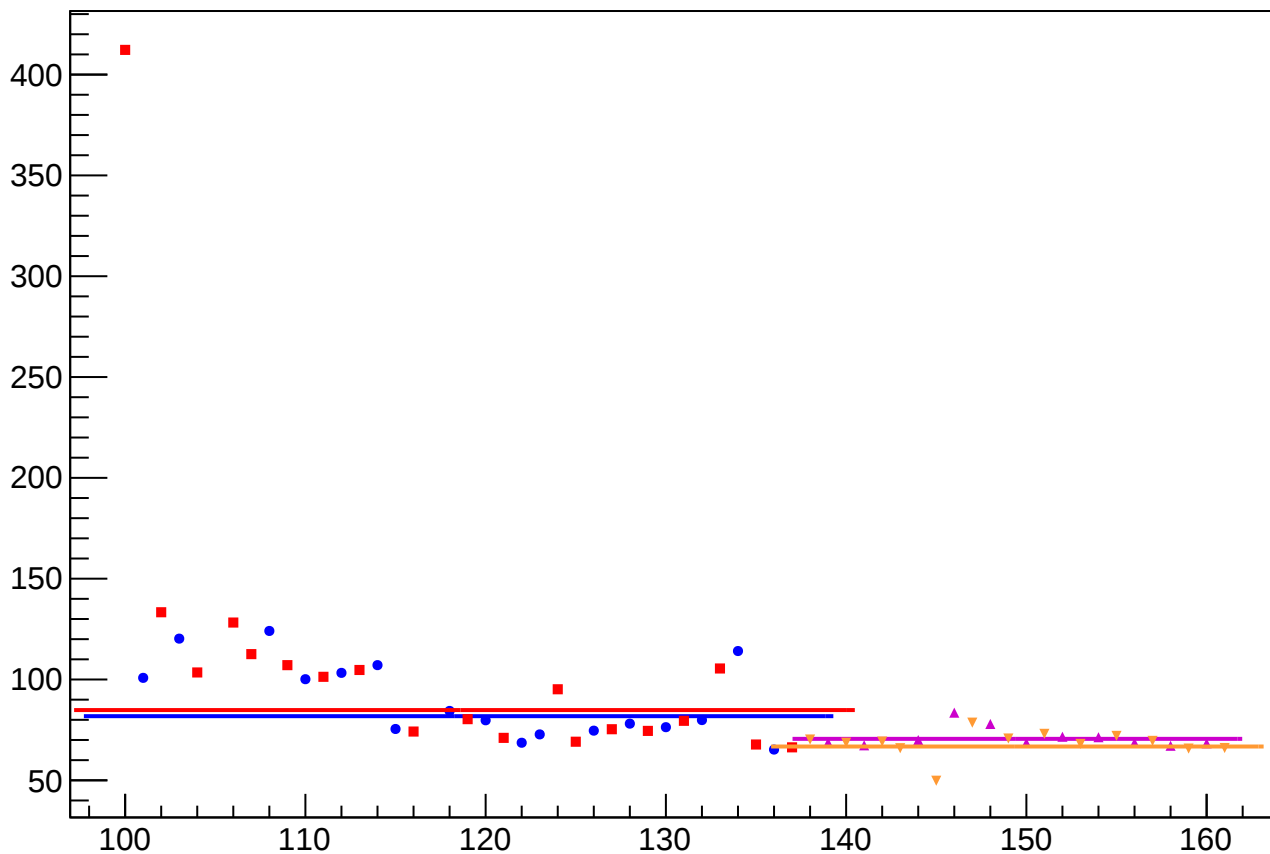
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -35.898 ± 19.101 $\chi^2/\text{NDF}: 18.6/27$

Out: -12.423 ± 17.917 $\chi^2/\text{NDF}: 37.8/31$

All: -23.411 ± 13.068 $\chi^2/\text{NDF}: 57.2/59$

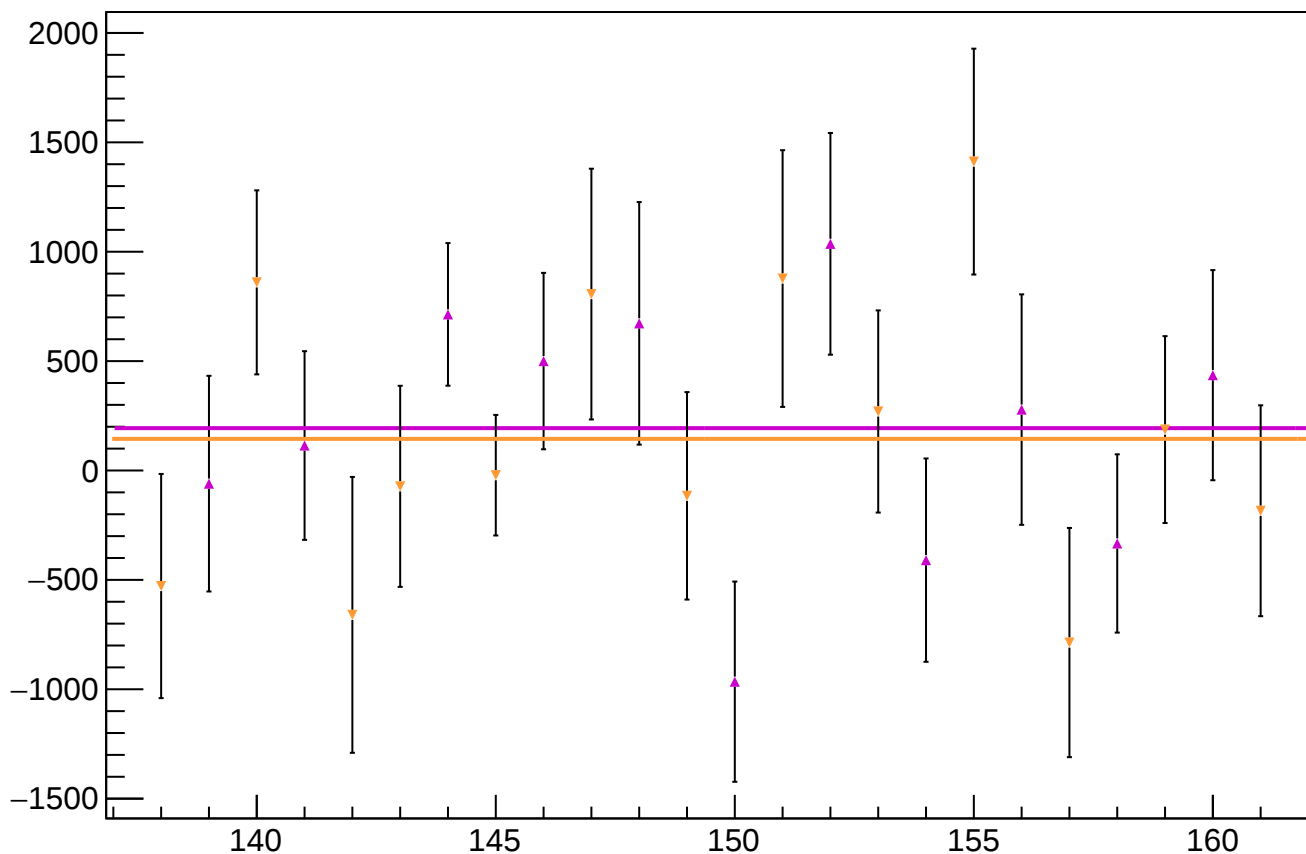
dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16
 Left Out: 66.763+/-0.015 χ^2/NDF : 245088.9/12
 Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18
 Left In: 70.561+/-0.017 χ^2/NDF : 65819.4/10

Left: 68.469+/-0.011 χ^2/NDF : 339217.4/23
 Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35
 In: 74.497+/-0.014 χ^2/NDF : 730763.7/27
 Out: 72.162+/-0.013 χ^2/NDF : 1376022.8/31
 All: 73.255+/-0.009 χ^2/NDF : 2122686.7/59

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.518+/-126.856 χ^2/NDF :19.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.611+/-134.148 χ^2/NDF :17.0/10

Left: 167.694+/-92.171 χ^2/NDF : 36.8/23

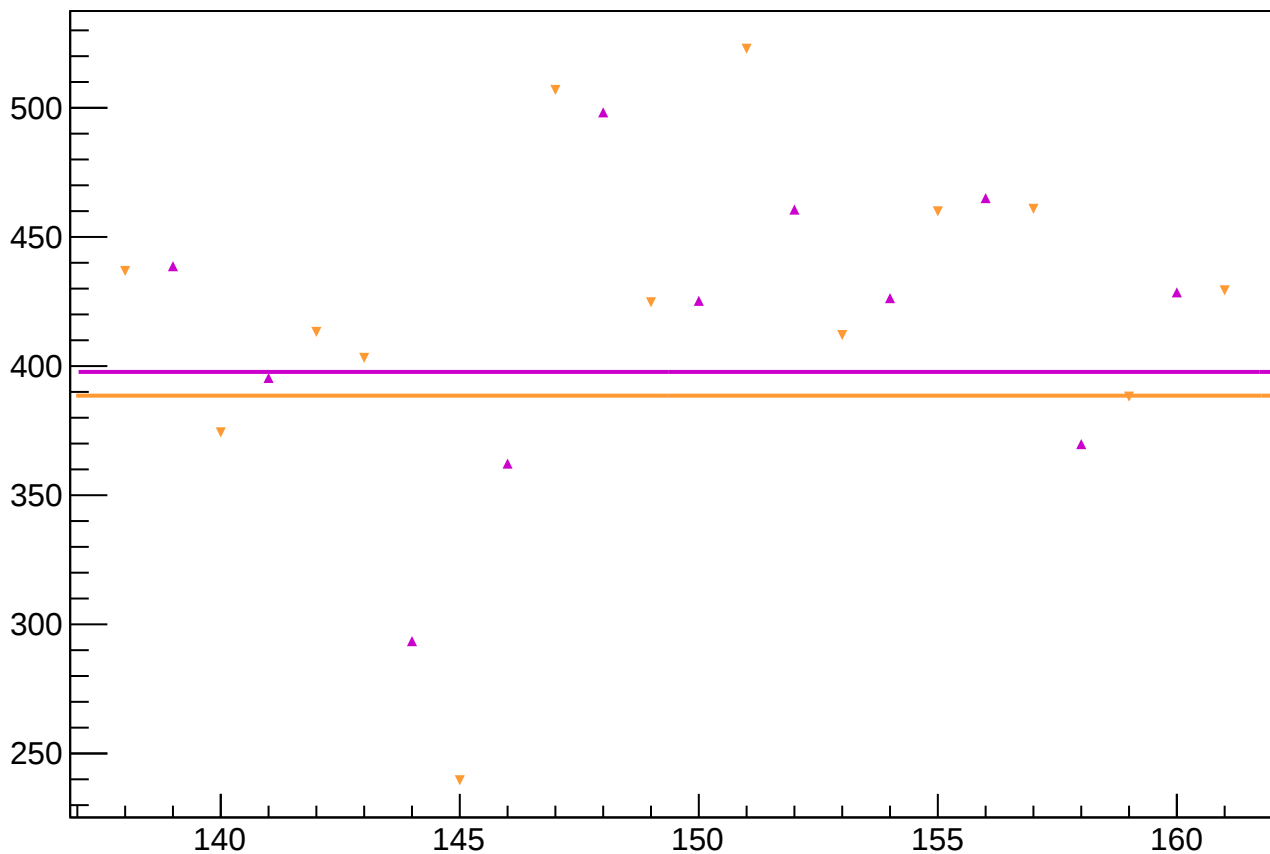
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.611+/-134.148 χ^2/NDF :17.0/10

Out: 144.518+/-126.856 χ^2/NDF :19.8/12

All: 167.694+/-92.171 χ^2/NDF : 36.8/23

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: 388.550+/-0.090 χ^2/NDF : 906815.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 397.740+/-0.095 χ^2/NDF : 395461.3/10

Left: 392.888+/-0.065 χ^2/NDF : 1307232.2/23

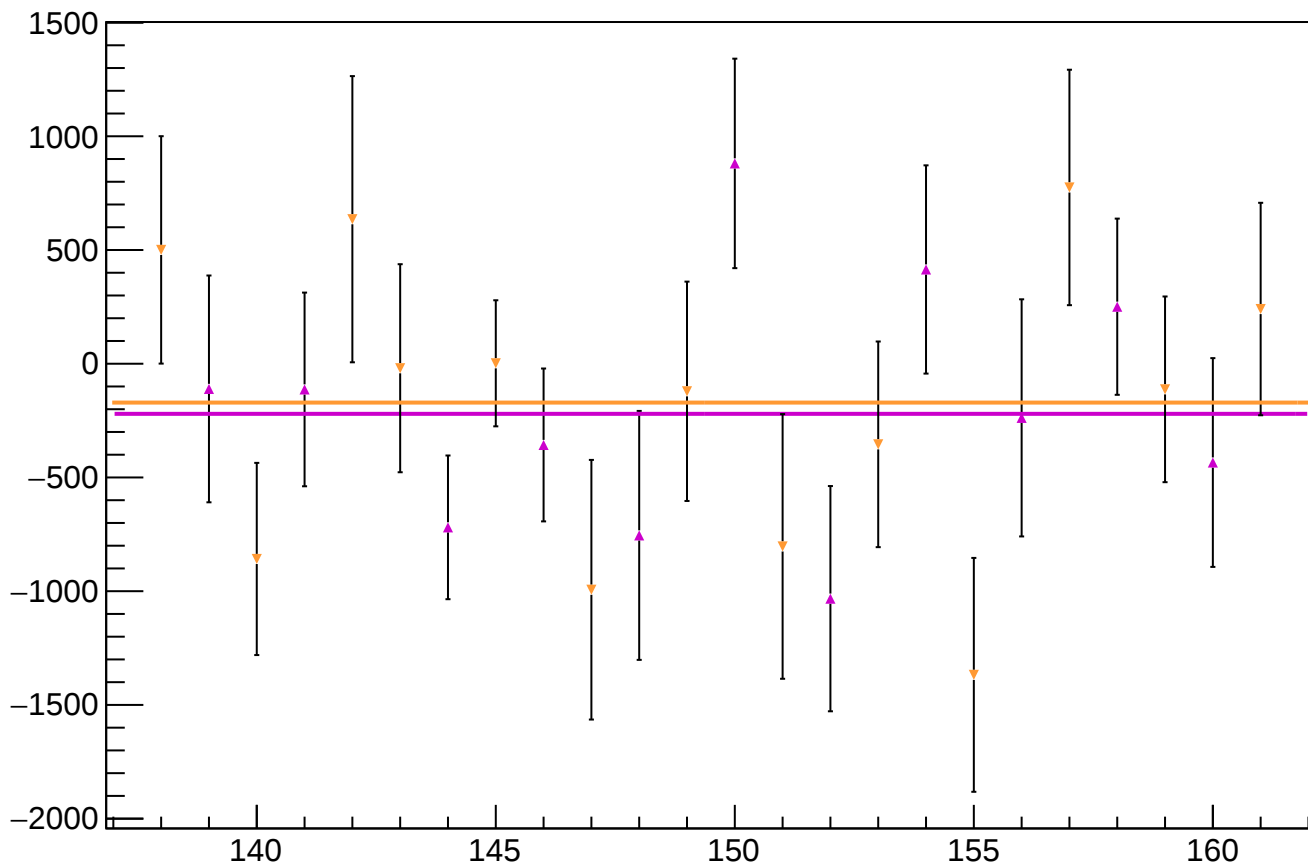
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 397.740+/-0.095 χ^2/NDF : 395461.3/10

Out: 388.550+/-0.090 χ^2/NDF : 906815.8/12

All: 392.888+/-0.065 χ^2/NDF : 1307232.2/23

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -170.804+/-125.732 χ^2/NDF :19.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -220.295+/-128.650 χ^2/NDF :15.8/10

Left: -194.982+/-89.920 χ^2/NDF : 35.4/23

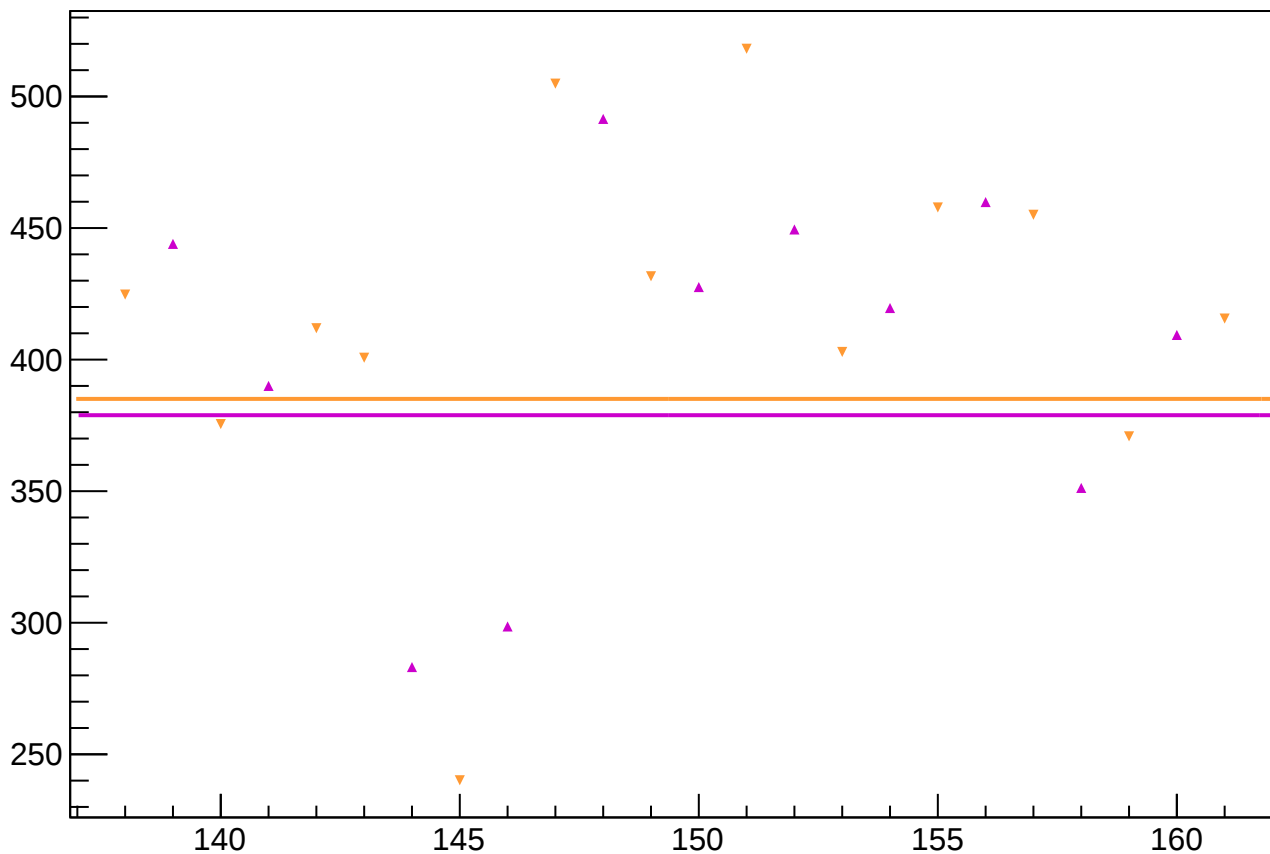
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.295+/-128.650 χ^2/NDF :15.8/10

Out: -170.804+/-125.732 χ^2/NDF :19.6/12

All: -194.982+/-89.920 χ^2/NDF : 35.4/23

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 385.072+/-0.089 χ^2/NDF : 868847.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.874+/-0.091 χ^2/NDF : 564133.2/10

Left: 382.044+/-0.064 χ^2/NDF : 1435354.6/23

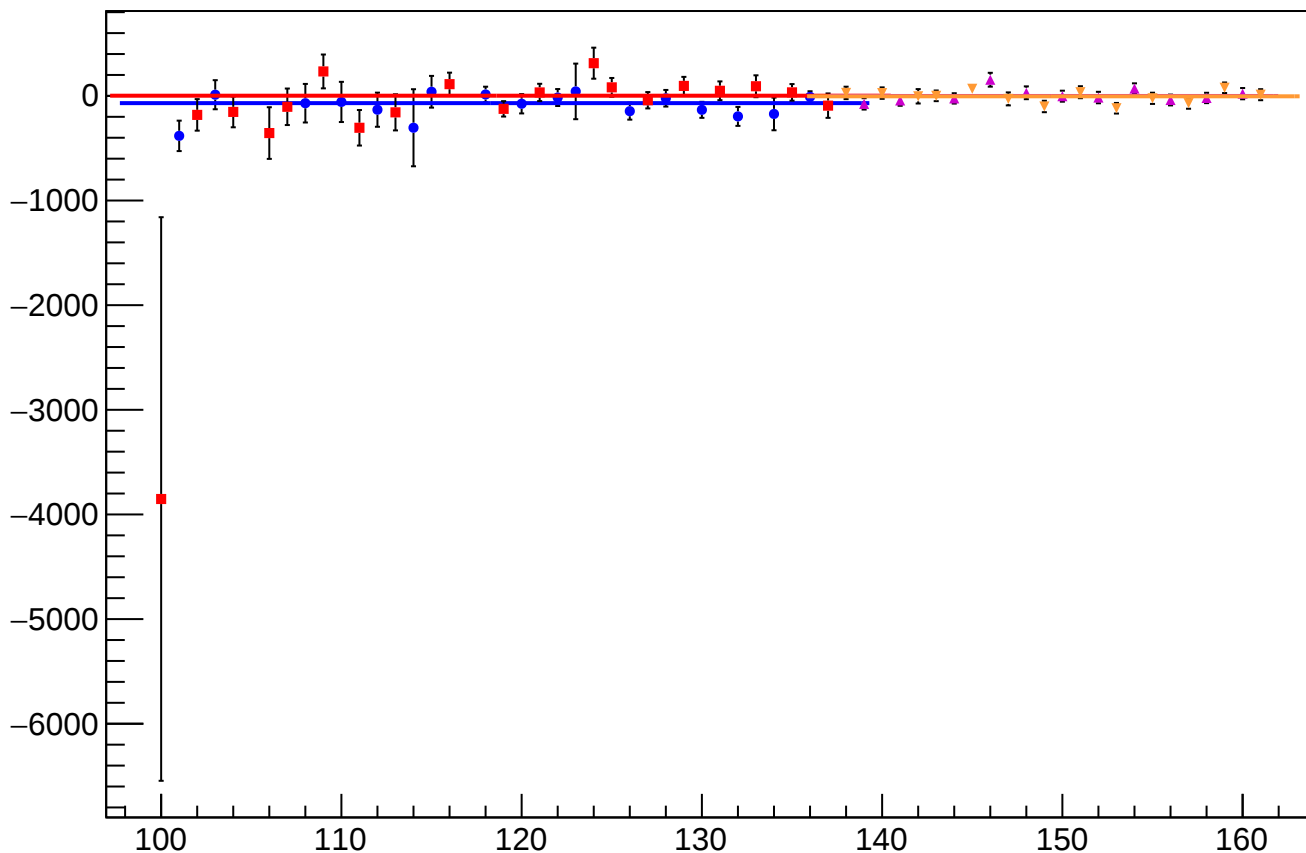
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.874+/-0.091 χ^2/NDF : 564133.2/10

Out: 385.072+/-0.089 χ^2/NDF : 868847.1/12

All: 382.044+/-0.064 χ^2/NDF : 1435354.6/23

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: -3.992 ± 14.832 χ^2/NDF : 16.9/12

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -0.866 ± 16.121 χ^2/NDF : 11.5/10

Left: -2.559 ± 10.915 χ^2/NDF : 28.5/23

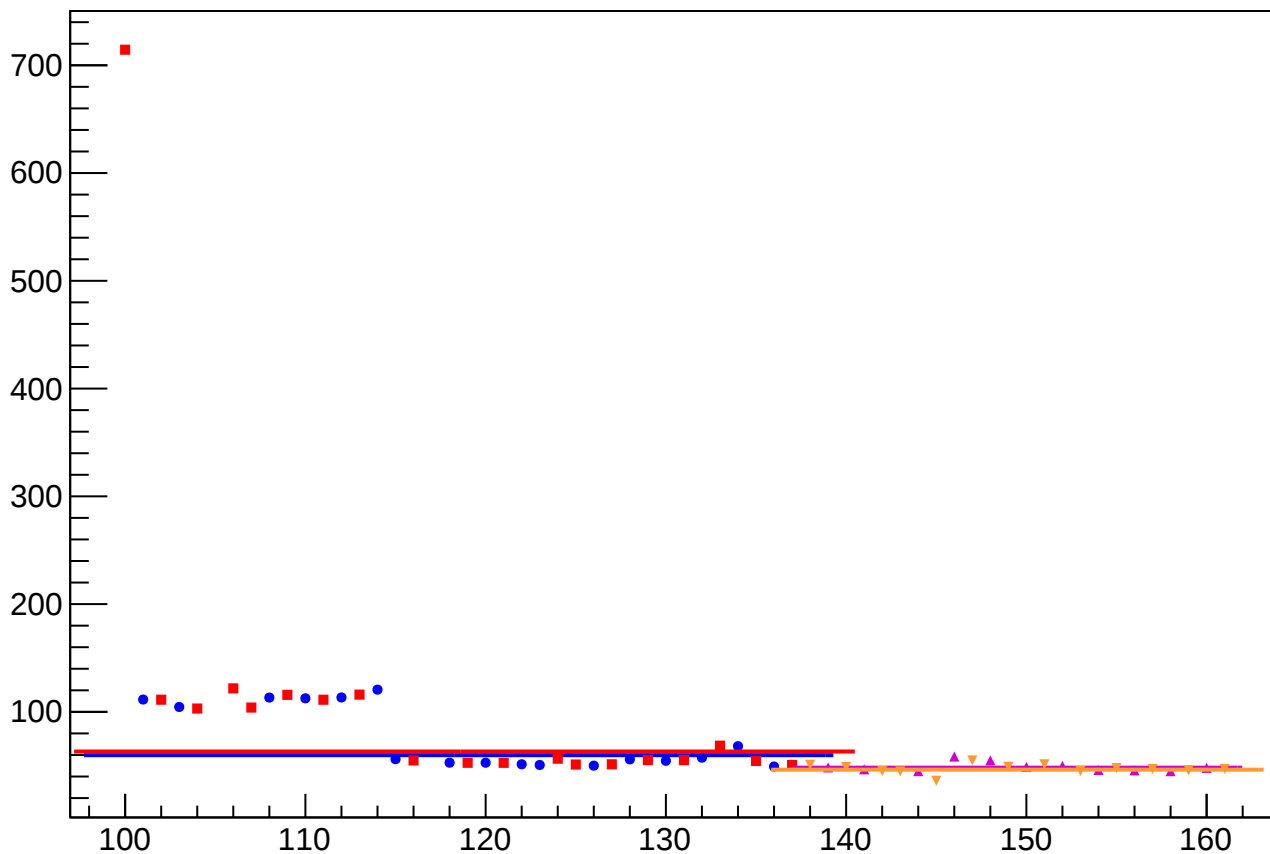
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -21.793 ± 13.427 χ^2/NDF : 30.5/27

Out: -2.515 ± 12.780 χ^2/NDF : 42.8/31

All: -11.679 ± 9.257 χ^2/NDF : 74.4/59

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.380 $\pm$ 0.010 χ^2 /NDF: 203851.4/12

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 48.218 $\pm$ 0.011 χ^2 /NDF: 102928.9/10

Left: 47.223 $\pm$ 0.008 χ^2 /NDF: 320851.8/23

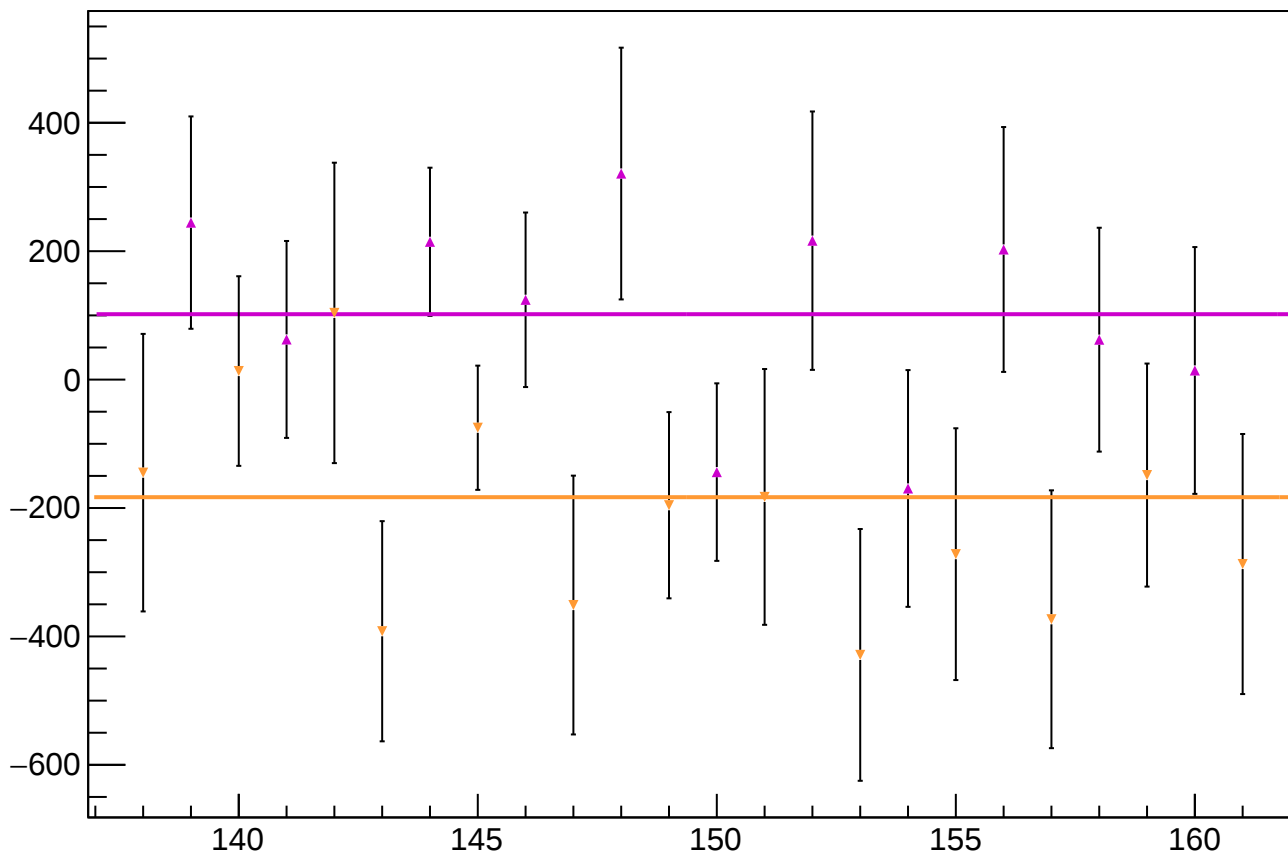
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 51.768 $\pm$ 0.009 χ^2 /NDF: 1649623.5/27

Out: 50.717 $\pm$ 0.009 χ^2 /NDF: 2372208.5/31

All: 51.217 $\pm$ 0.007 χ^2 /NDF: 4028261.2/59

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: -183.135+/-46.719 χ^2/NDF : 9.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 101.861+/-48.323 χ^2/NDF : 9.2/10

Left: -45.446+/-33.588 χ^2/NDF : 36.9/23

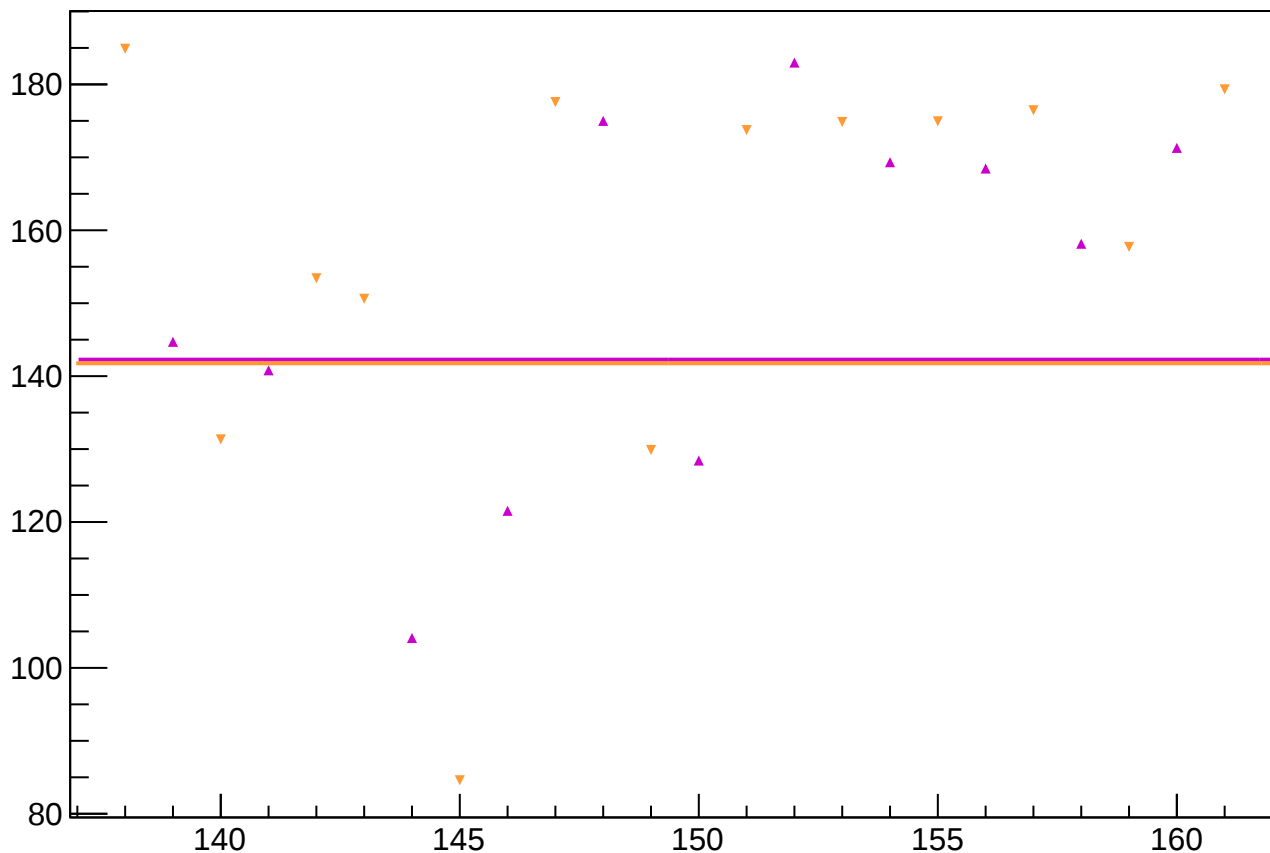
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.861+/-48.323 χ^2/NDF : 9.2/10

Out: -183.135+/-46.719 χ^2/NDF : 9.7/12

All: -45.446+/-33.588 χ^2/NDF : 36.9/23

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: 141.760+/-0.033 χ^2/NDF :1186271.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.261+/-0.034 χ^2/NDF :566757.3/10

Left: 142.002+/-0.024 χ^2/NDF : 1753139.4/23

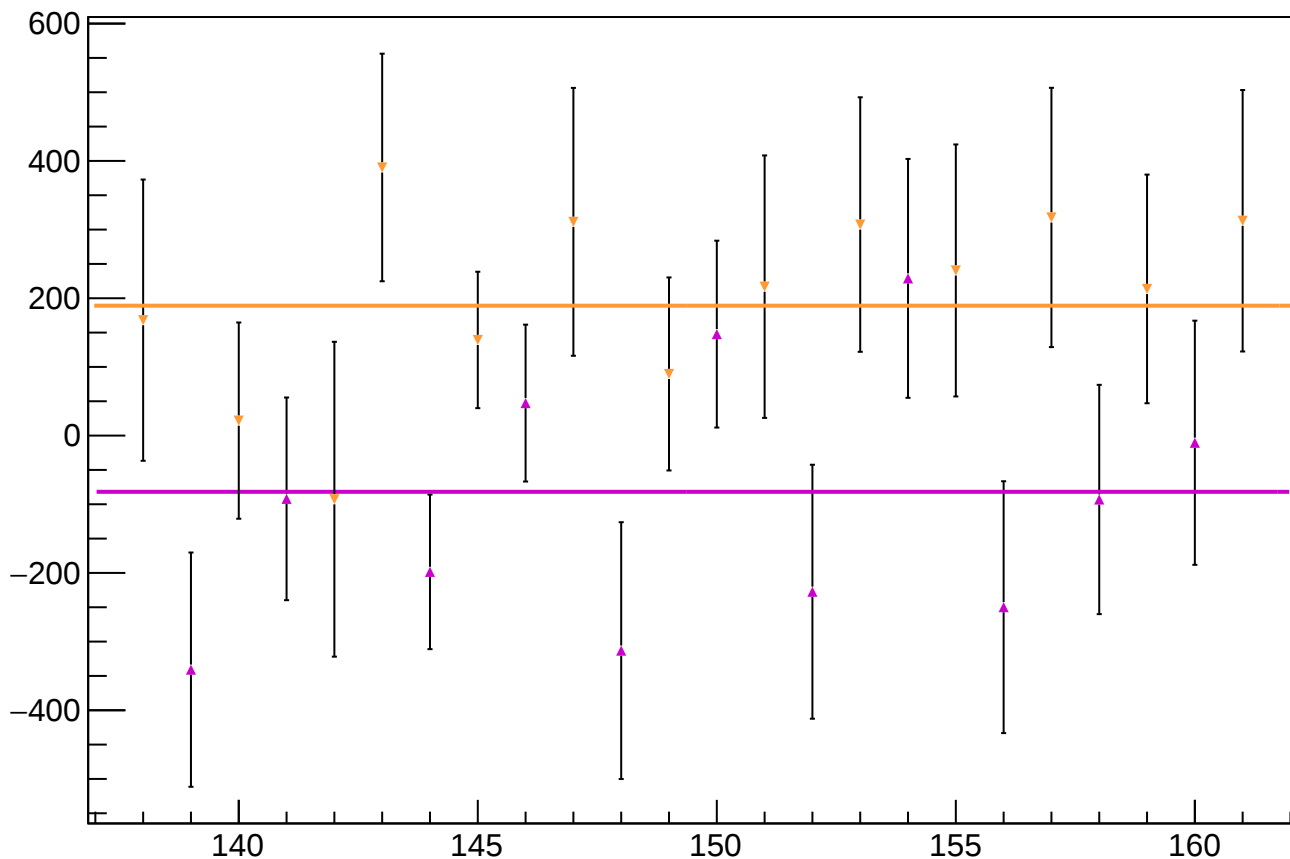
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.261+/-0.034 χ^2/NDF :566757.3/10

Out: 141.760+/-0.033 χ^2/NDF :1186271.2/12

All: 142.002+/-0.024 χ^2/NDF : 1753139.4/23

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 189.194 $\pm$ 45.435 χ^2 /NDF:6.9/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -81.872 $\pm$ 45.740 χ^2 /NDF:13.9/10

Left: 54.570 $\pm$ 32.235 χ^2 /NDF: 38.5/23

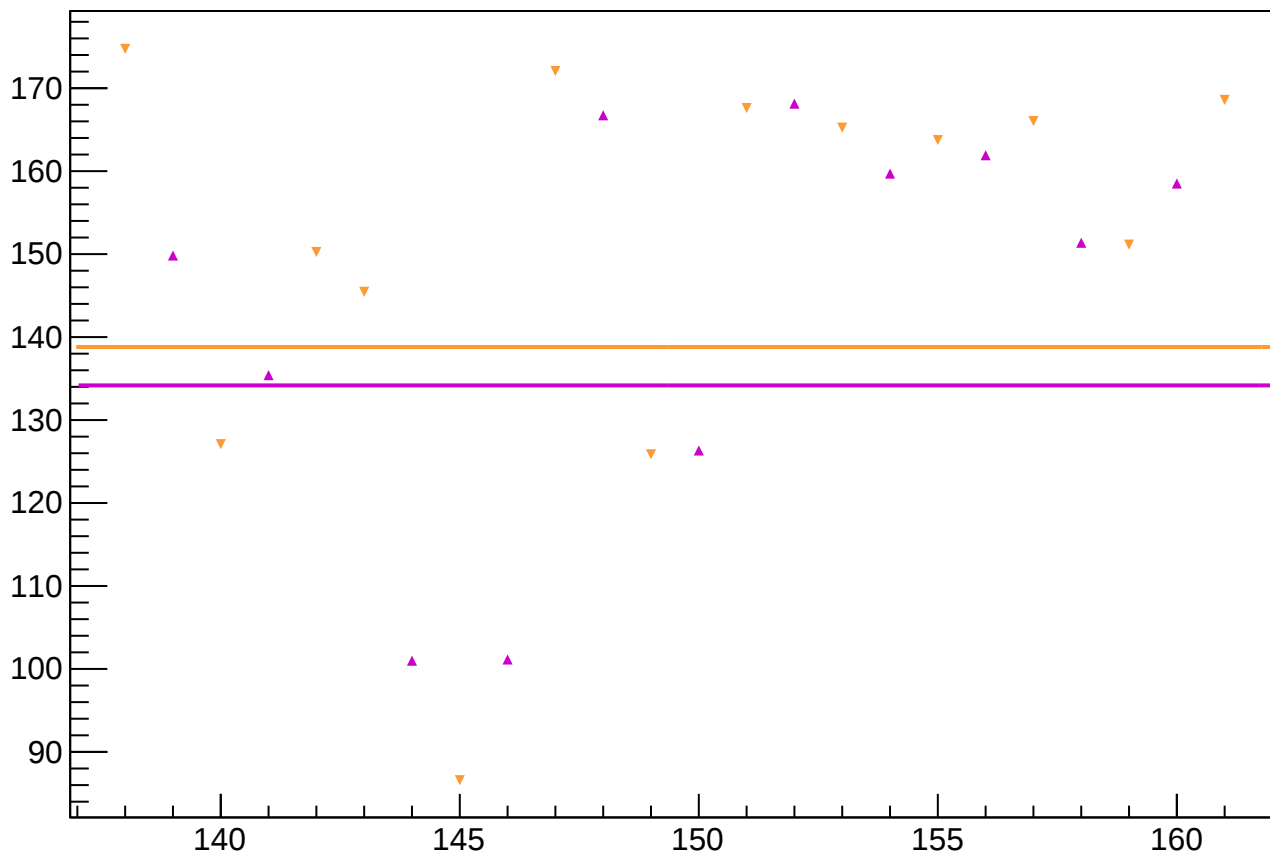
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -81.872 $\pm$ 45.740 χ^2 /NDF:13.9/10

Out: 189.194 $\pm$ 45.435 χ^2 /NDF:6.9/12

All: 54.570 $\pm$ 32.235 χ^2 /NDF: 38.5/23

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

Left: 136.506+/-0.023 χ^2/NDF : 1586285.1/23

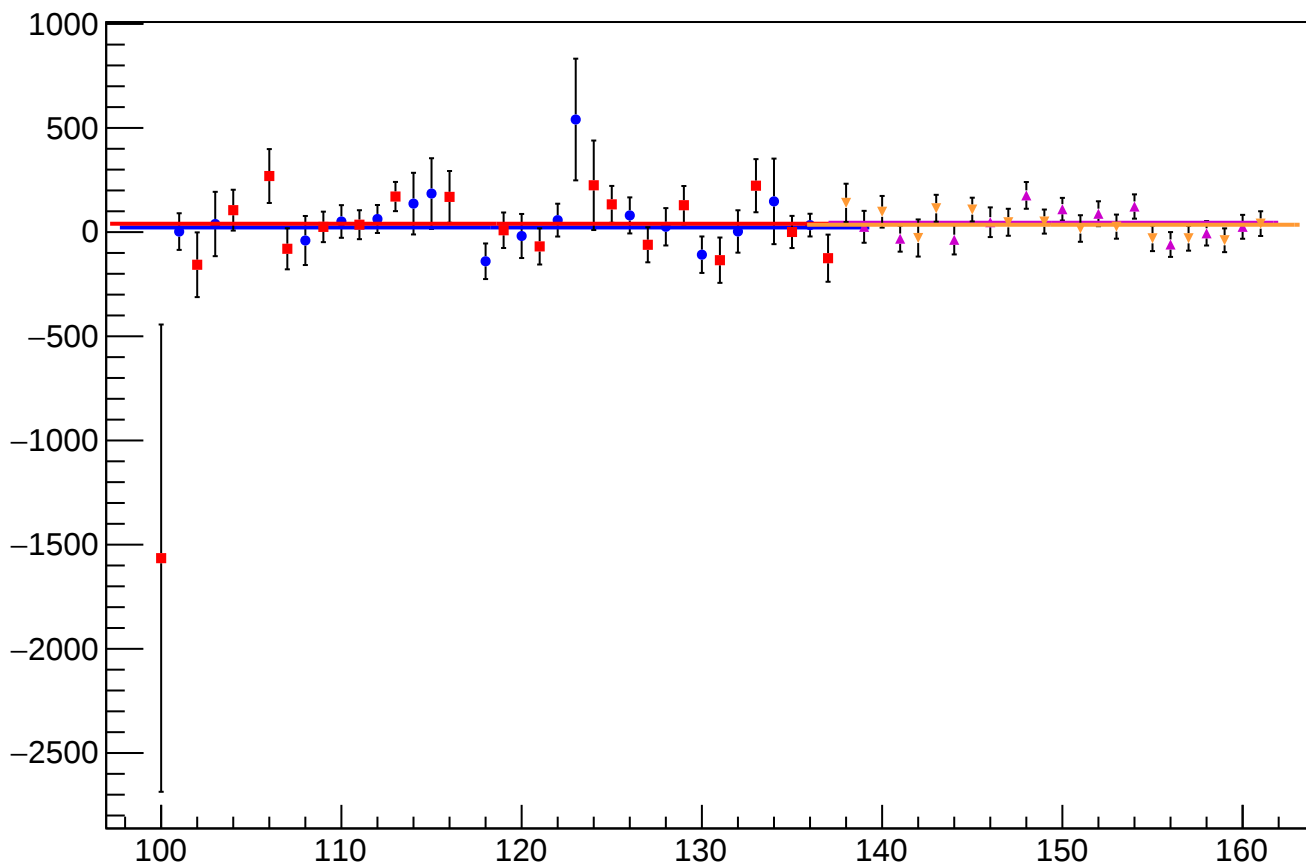
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

All: 136.506+/-0.023 χ^2/NDF : 1586285.1/23

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 35.365 ± 17.721 $\chi^2/\text{NDF}: 9.8/12$

Right Out: 40.242 ± 22.132 $\chi^2/\text{NDF}: 26.3/18$

Left In: 44.938 ± 18.702 $\chi^2/\text{NDF}: 14.8/10$

Left: 39.894 ± 12.863 $\chi^2/\text{NDF}: 24.7/23$

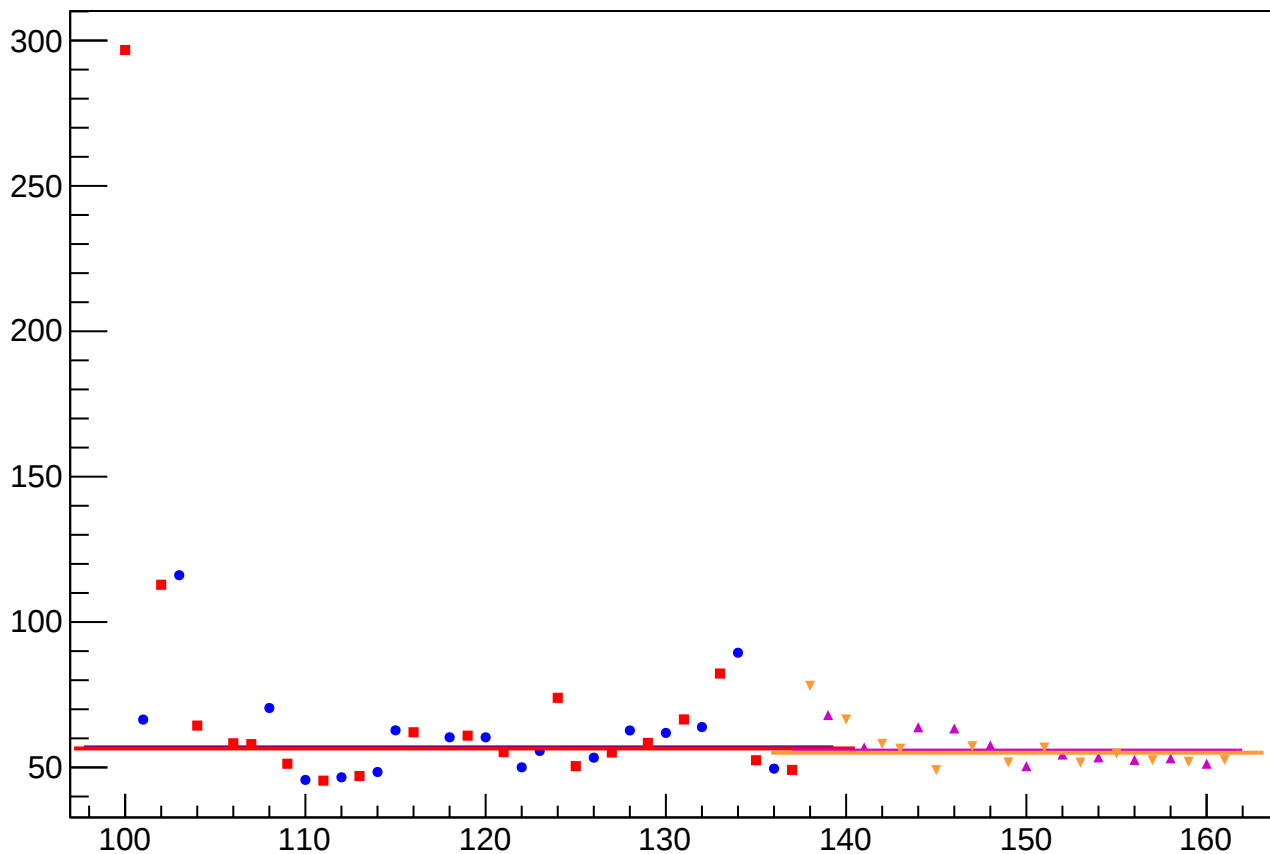
Right: 31.498 ± 15.821 $\chi^2/\text{NDF}: 39.2/35$

In: 35.774 ± 14.415 $\chi^2/\text{NDF}: 28.0/27$

Out: 37.270 ± 13.833 $\chi^2/\text{NDF}: 36.1/31$

All: 36.553 ± 9.981 $\chi^2/\text{NDF}: 64.1/59$

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.063 $\pm$ 0.013 χ^2 /NDF: 226944.2/12

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 55.783 $\pm$ 0.013 χ^2 /NDF: 147674.8/10

Left: 55.404 $\pm$ 0.009 χ^2 /NDF: 376179.9/23

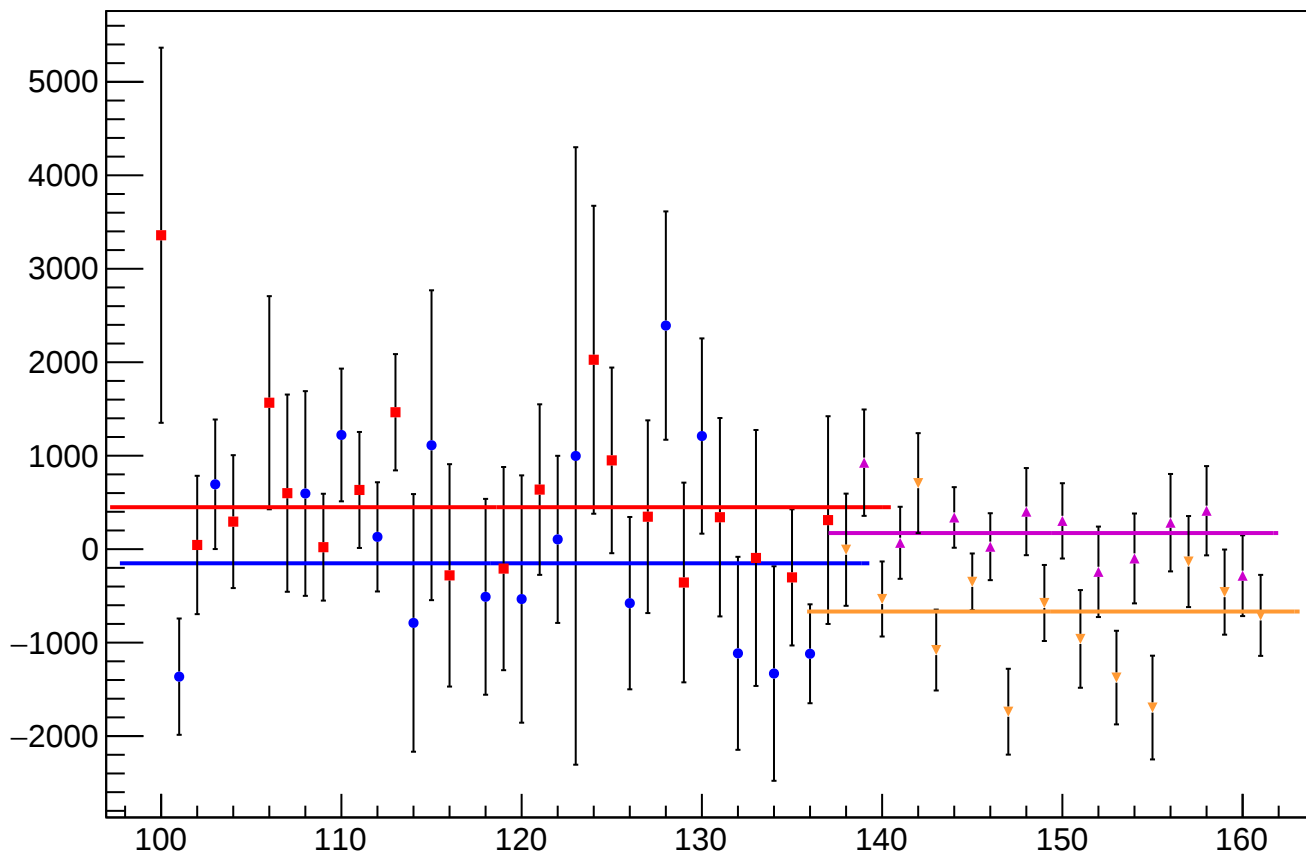
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.228 $\pm$ 0.010 χ^2 /NDF: 725948.1/27

Out: 55.635 $\pm$ 0.010 χ^2 /NDF: 844552.4/31

All: 55.919 $\pm$ 0.007 χ^2 /NDF: 1572259.5/59

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -667.258+/-124.302 χ^2/NDF : 22.6/12

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 172.339+/-129.188 χ^2/NDF : 5.1/10

Left: -263.635+/-89.572 χ^2/NDF : 49.6/23

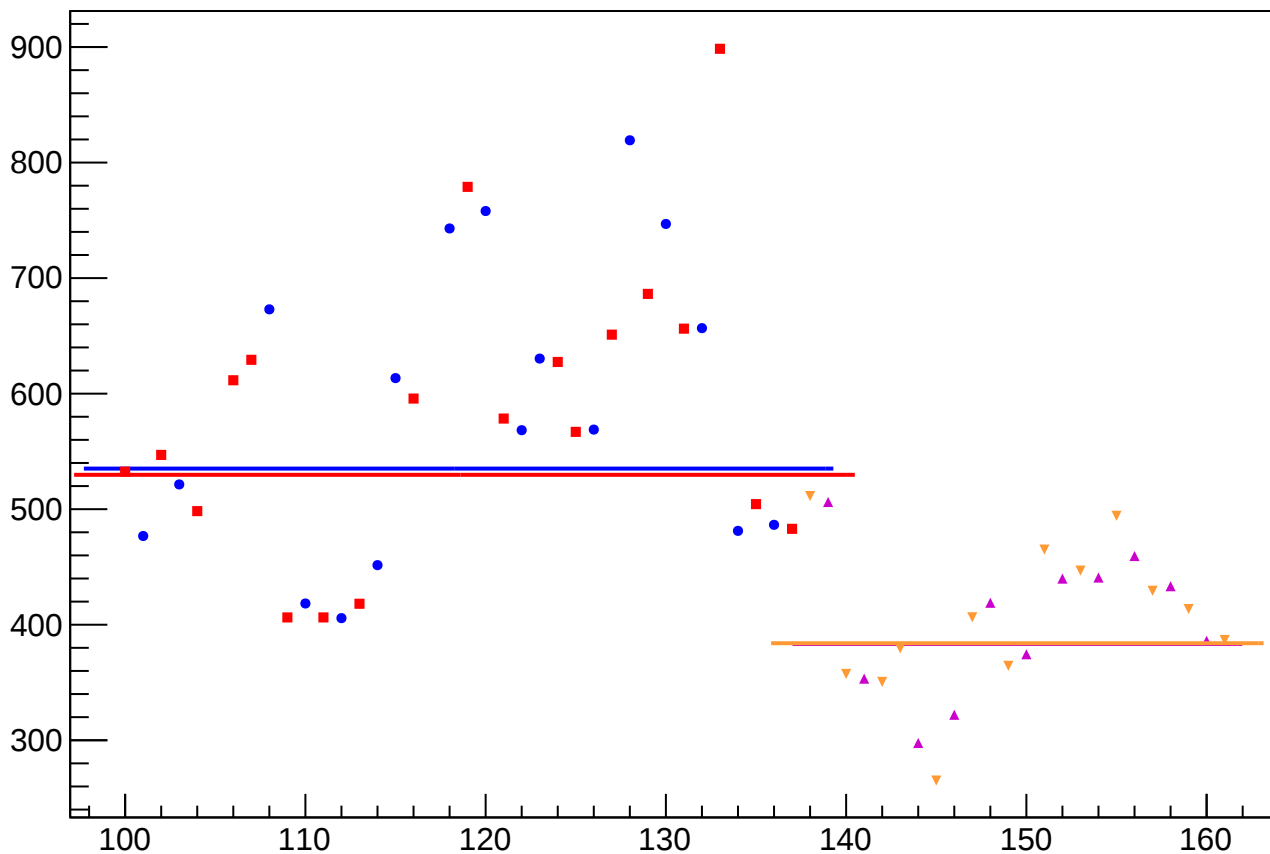
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 85.000+/-110.382 χ^2/NDF : 29.2/27

Out: -365.045+/-106.149 χ^2/NDF : 54.9/31

All: -148.816+/-76.511 χ^2/NDF : 92.8/59

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 383.973+/-0.088 χ^2/NDF : 607744.9/12

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 383.303+/-0.091 χ^2/NDF : 437031.0/10

Left: 383.651+/-0.063 χ^2/NDF : 1044803.8/23

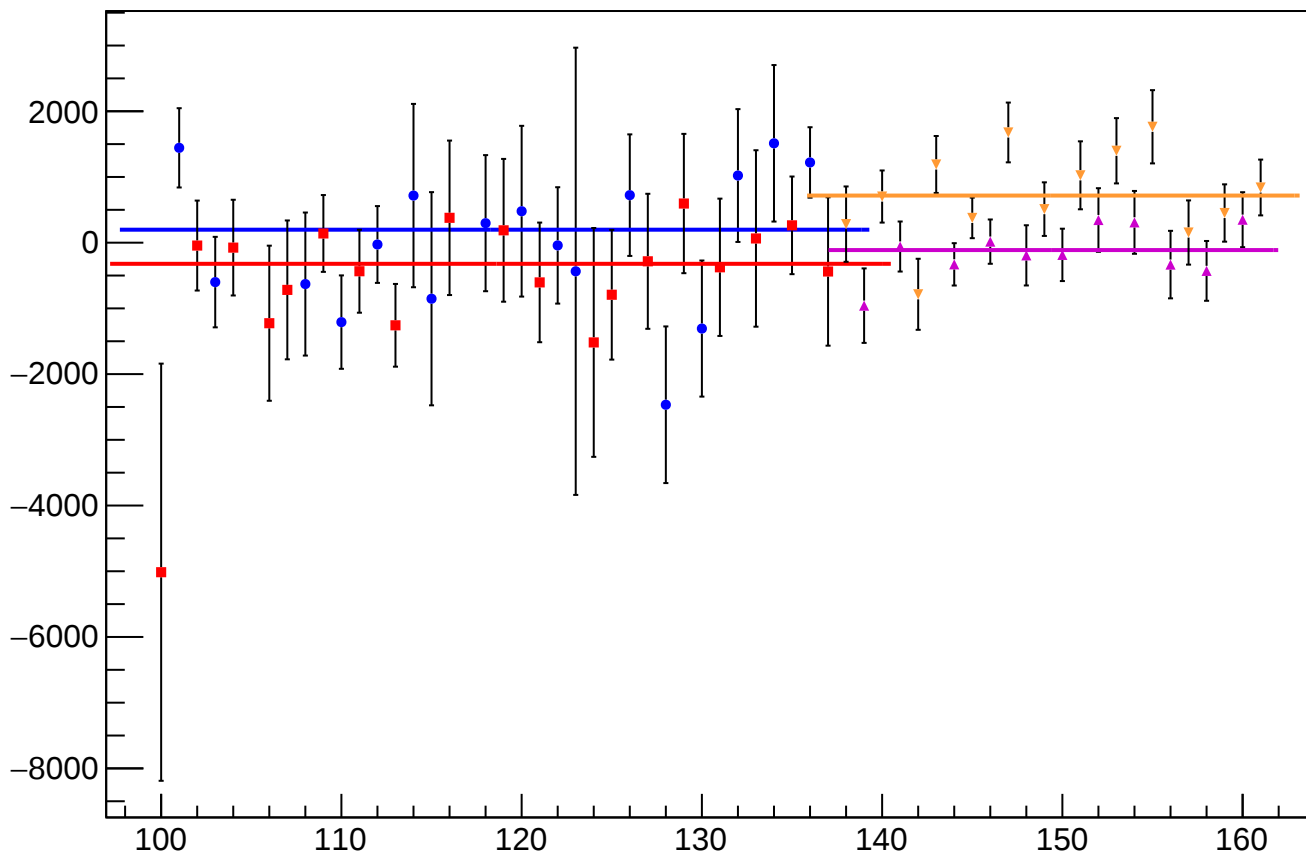
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 424.291+/-0.078 χ^2/NDF : 1778904.2/27

Out: 423.442+/-0.075 χ^2/NDF : 1999229.7/31

All: 423.850+/-0.054 χ^2/NDF : 3778195.4/59

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 ± 211.480 $\chi^2/\text{NDF}: 23.9/16$

Left Out: 717.095 ± 123.555 $\chi^2/\text{NDF}: 23.0/12$

Right Out: -321.565 ± 205.269 $\chi^2/\text{NDF}: 8.9/18$

Left In: -112.391 ± 126.502 $\chi^2/\text{NDF}: 6.5/10$

Left: 312.126 ± 88.390 $\chi^2/\text{NDF}: 51.4/23$

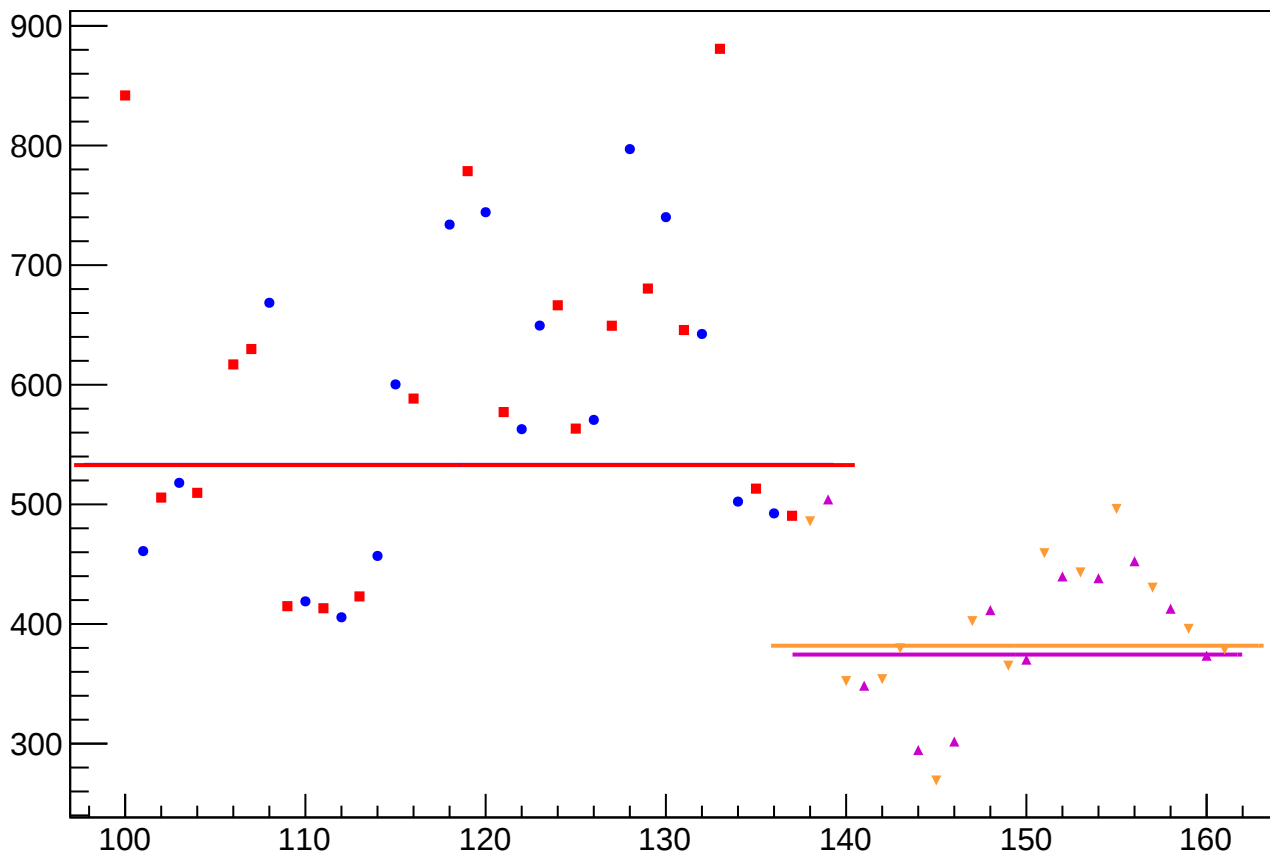
Right: -69.737 ± 147.294 $\chi^2/\text{NDF}: 35.9/35$

In: -30.713 ± 108.562 $\chi^2/\text{NDF}: 32.0/27$

Out: 440.865 ± 105.858 $\chi^2/\text{NDF}: 50.7/31$

All: 211.022 ± 75.791 $\chi^2/\text{NDF}: 92.3/59$

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 381.863 $\pm$ 0.087 χ^2/NDF : 537839.8/12

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 374.446 $\pm$ 0.089 χ^2/NDF : 475593.7/10

Left: 378.242 $\pm$ 0.063 χ^2/NDF : 1016952.8/23

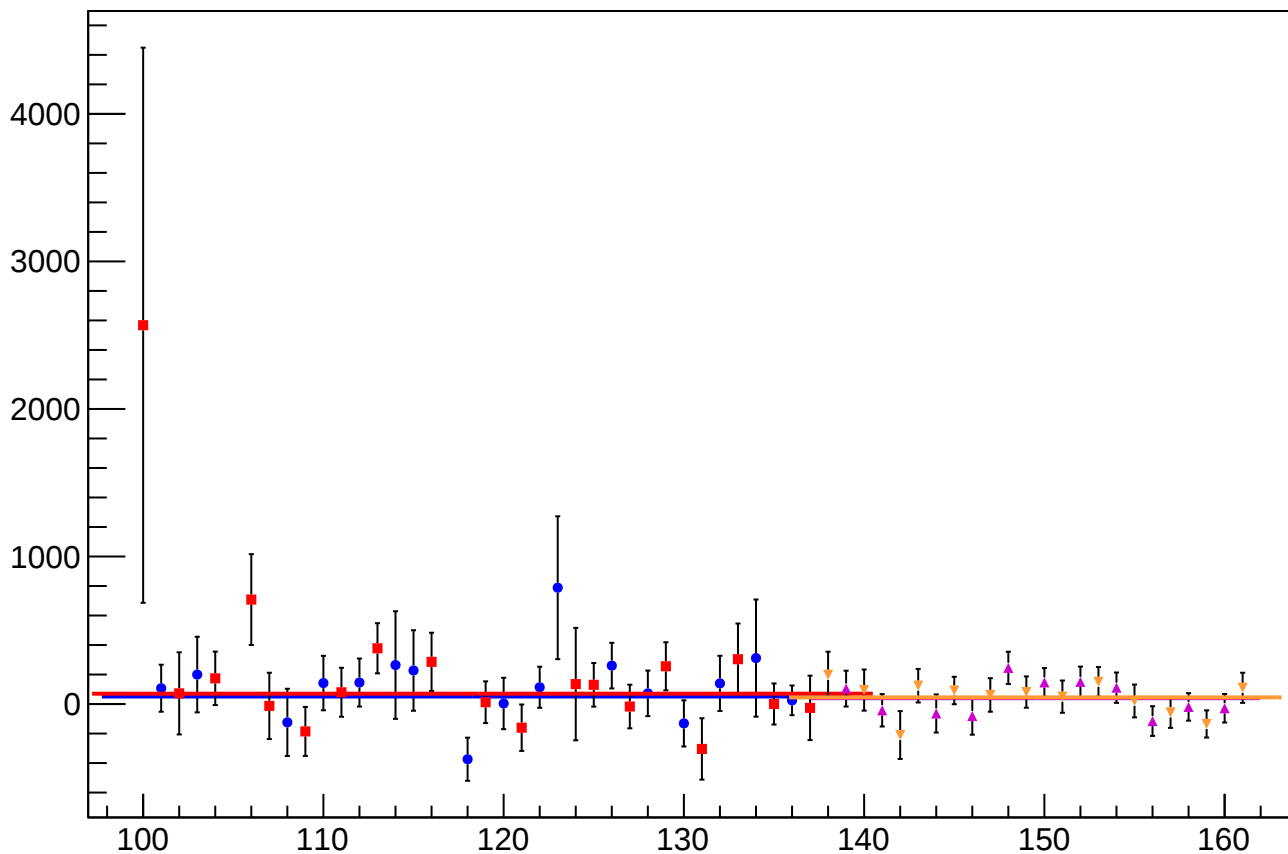
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 416.236 $\pm$ 0.077 χ^2/NDF : 1870732.2/27

Out: 422.020 $\pm$ 0.075 χ^2/NDF : 1949169.0/31

All: 419.201 $\pm$ 0.054 χ^2/NDF : 3822810.9/59

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 44.914+/-30.731 χ^2/NDF :10.8/12

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 39.684+/-32.077 χ^2/NDF :12.0/10

Left: 42.411+/-22.191 χ^2/NDF : 22.8/23

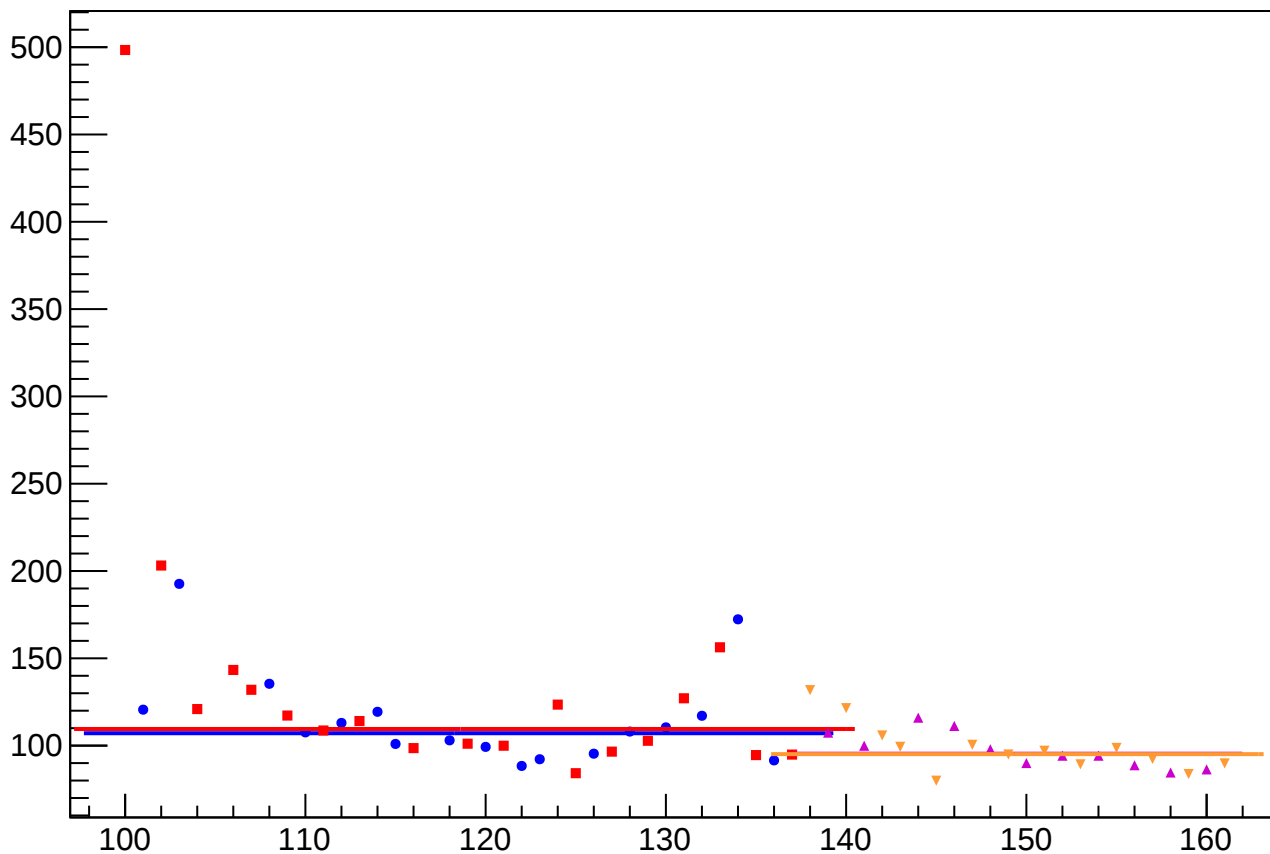
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 43.861+/-25.585 χ^2/NDF :29.5/27

Out: 53.474+/-24.961 χ^2/NDF :33.2/31

All: 48.786+/-17.867 χ^2/NDF : 62.7/59

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.123 $\pm$ 0.022 χ^2 /NDF: 297550.4/12

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 95.377 $\pm$ 0.023 χ^2 /NDF: 166037.9/10

Left: 95.244 $\pm$ 0.016 χ^2 /NDF: 463653.9/23

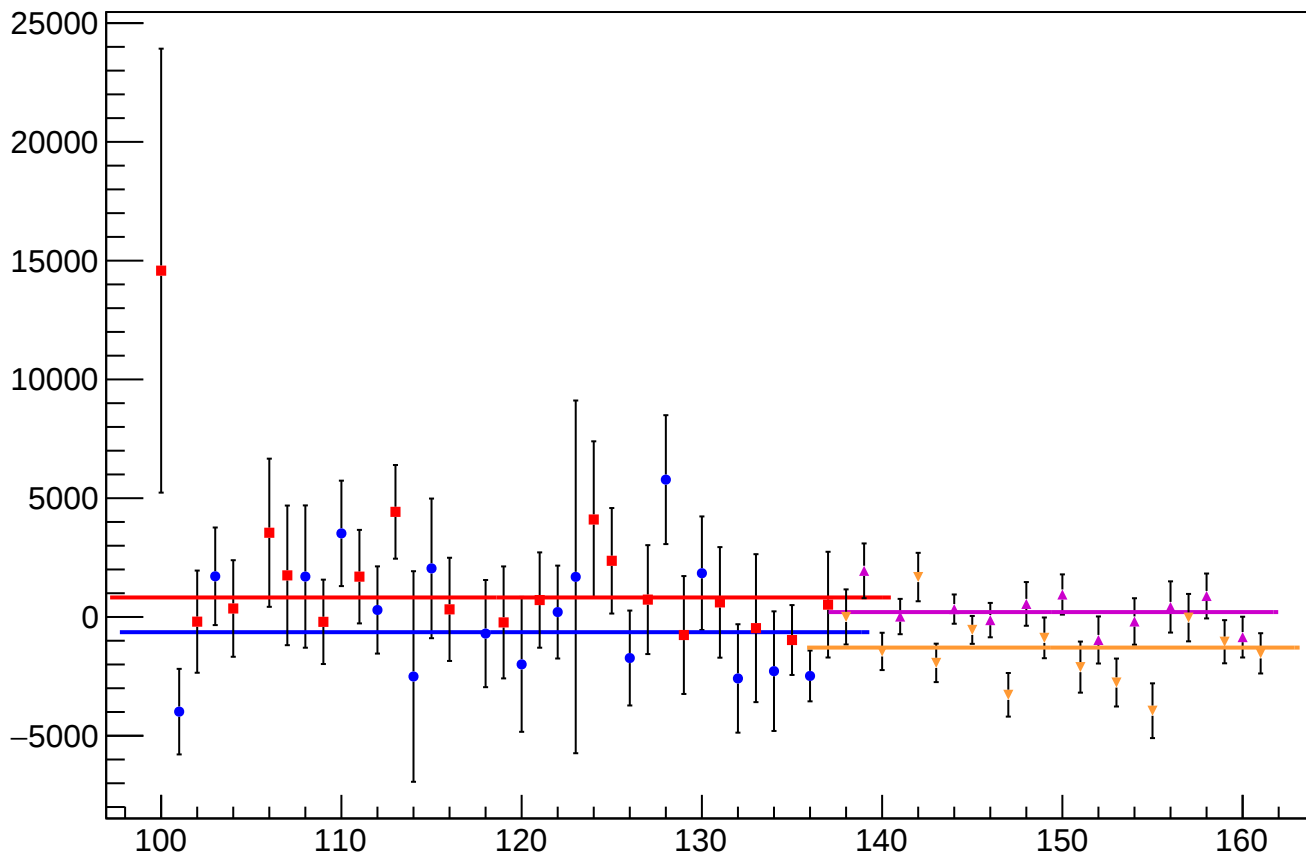
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 99.640 $\pm$ 0.018 χ^2 /NDF: 700879.6/27

Out: 100.025 $\pm$ 0.018 χ^2 /NDF: 1038651.4/31

All: 99.837 $\pm$ 0.013 χ^2 /NDF: 1739763.3/59

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: -1288.287 $\pm$ 246.096 χ^2 /NDF:26.7/12

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 205.943 $\pm$ 257.475 χ^2 /NDF:7.1/10

Left: -574.919 $\pm$ 177.903 χ^2 /NDF: 51.4/23

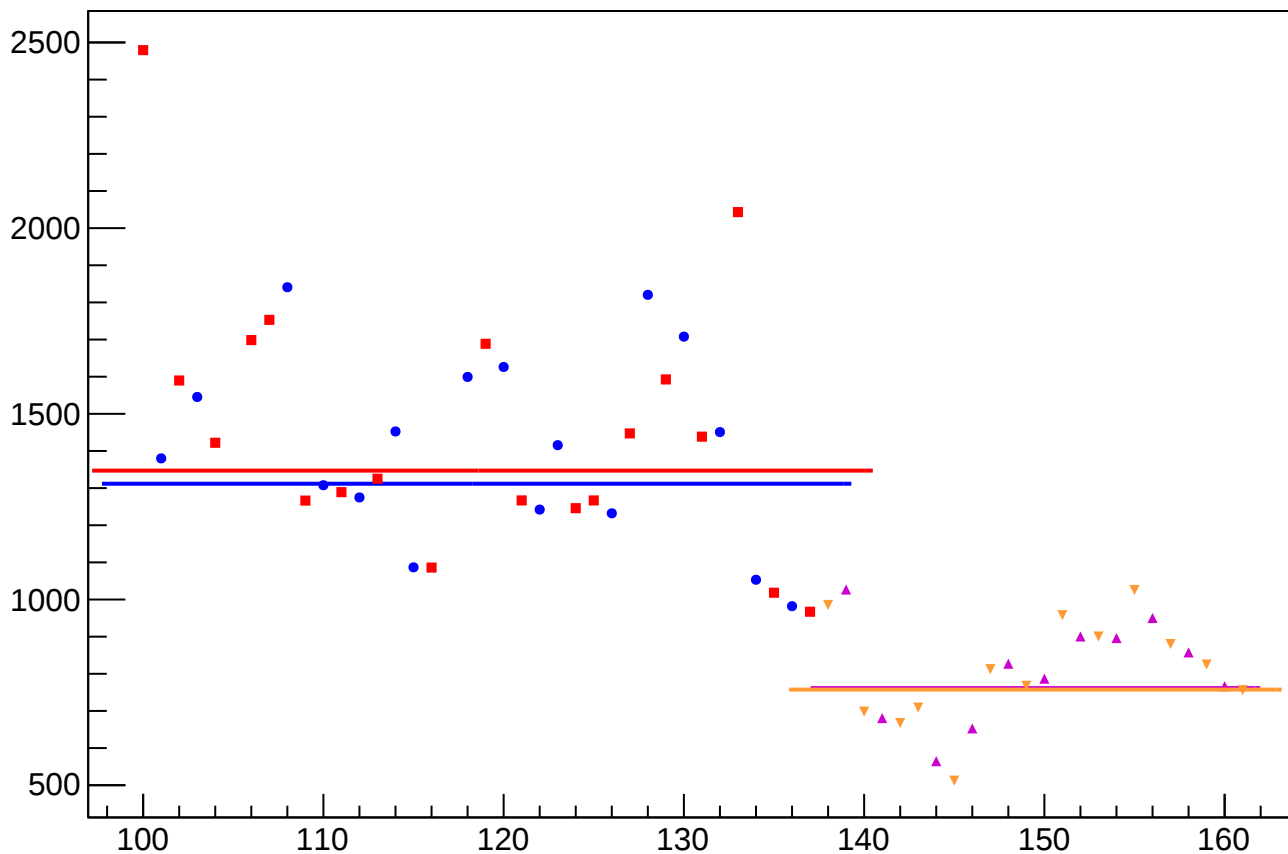
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 39.023 $\pm$ 230.673 χ^2 /NDF:31.0/27

Out: -896.909 $\pm$ 222.100 χ^2 /NDF:51.3/31

All: -446.659 $\pm$ 159.993 χ^2 /NDF: 90.9/59

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 757.431+/-0.174 χ^2/NDF : 726620.7/12

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 761.520+/-0.182 χ^2/NDF : 550131.3/10

Left: 759.383+/-0.126 χ^2/NDF : 1277015.5/23

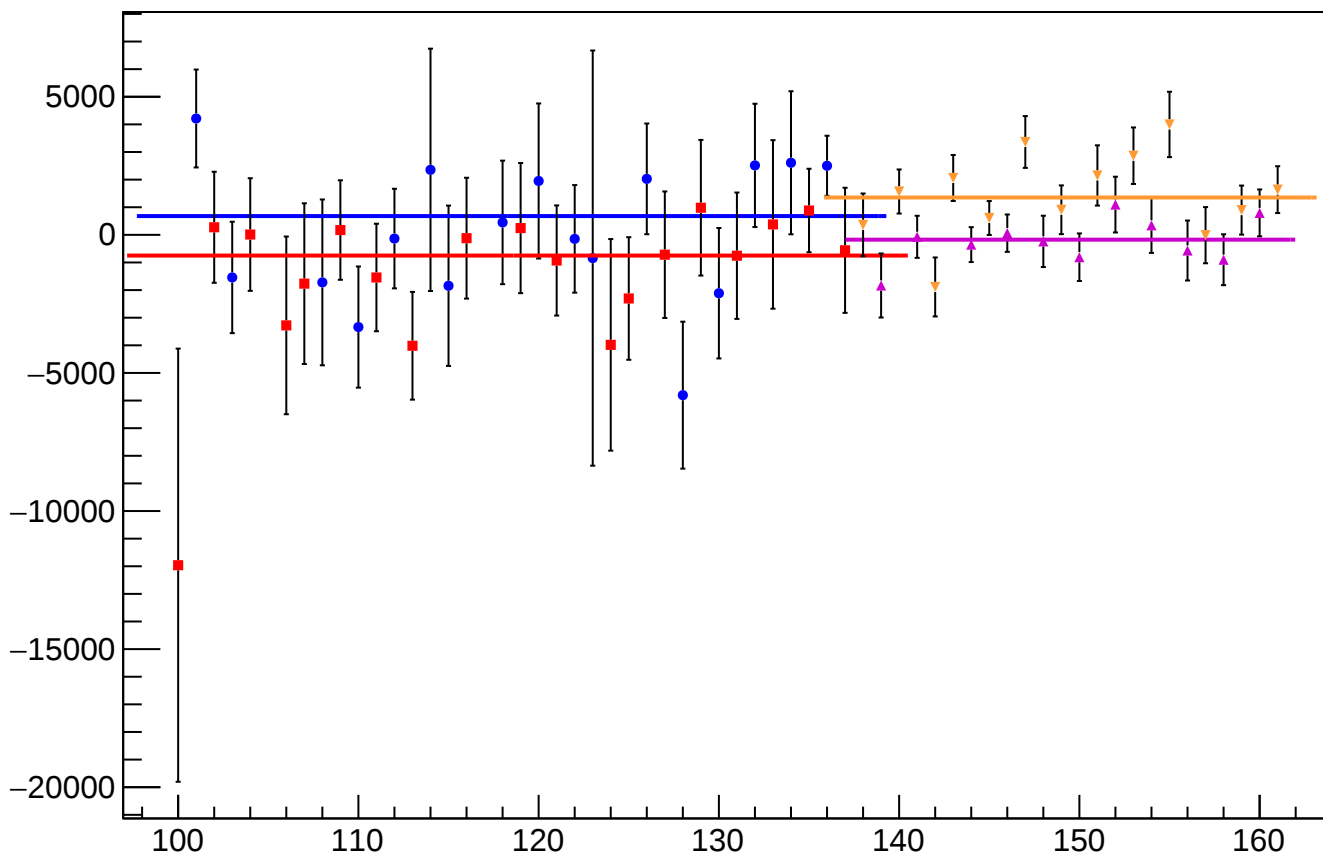
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 870.119+/-0.163 χ^2/NDF : 2865677.0/27

Out: 866.823+/-0.157 χ^2/NDF : 3347305.7/31

All: 868.409+/-0.113 χ^2/NDF : 6213194.5/59

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1352.599 $\pm$ 251.002 χ^2 /NDF:27.0/12

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -174.121 $\pm$ 257.626 χ^2 /NDF:6.7/10

Left: 609.120 $\pm$ 179.781 χ^2 /NDF: 51.7/23

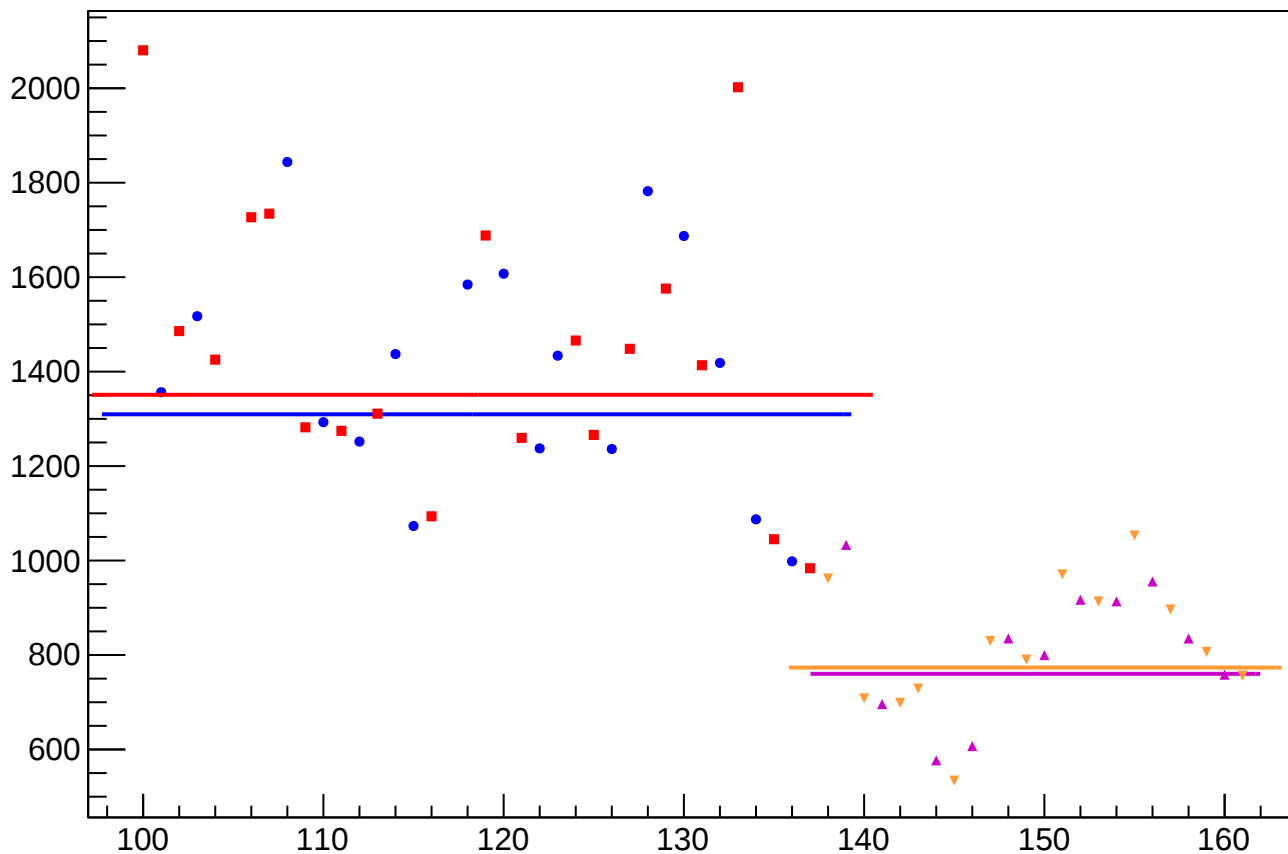
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -4.502 $\pm$ 230.629 χ^2 /NDF:31.5/27

Out: 950.579 $\pm$ 225.731 χ^2 /NDF:50.1/31

All: 483.288 $\pm$ 161.319 χ^2 /NDF: 90.3/59

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 773.385+/-0.177 χ^2/NDF : 643205.1/12

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 760.145+/-0.182 χ^2/NDF : 586426.9/10

Left: 766.937+/-0.127 χ^2/NDF : 1232342.3/23

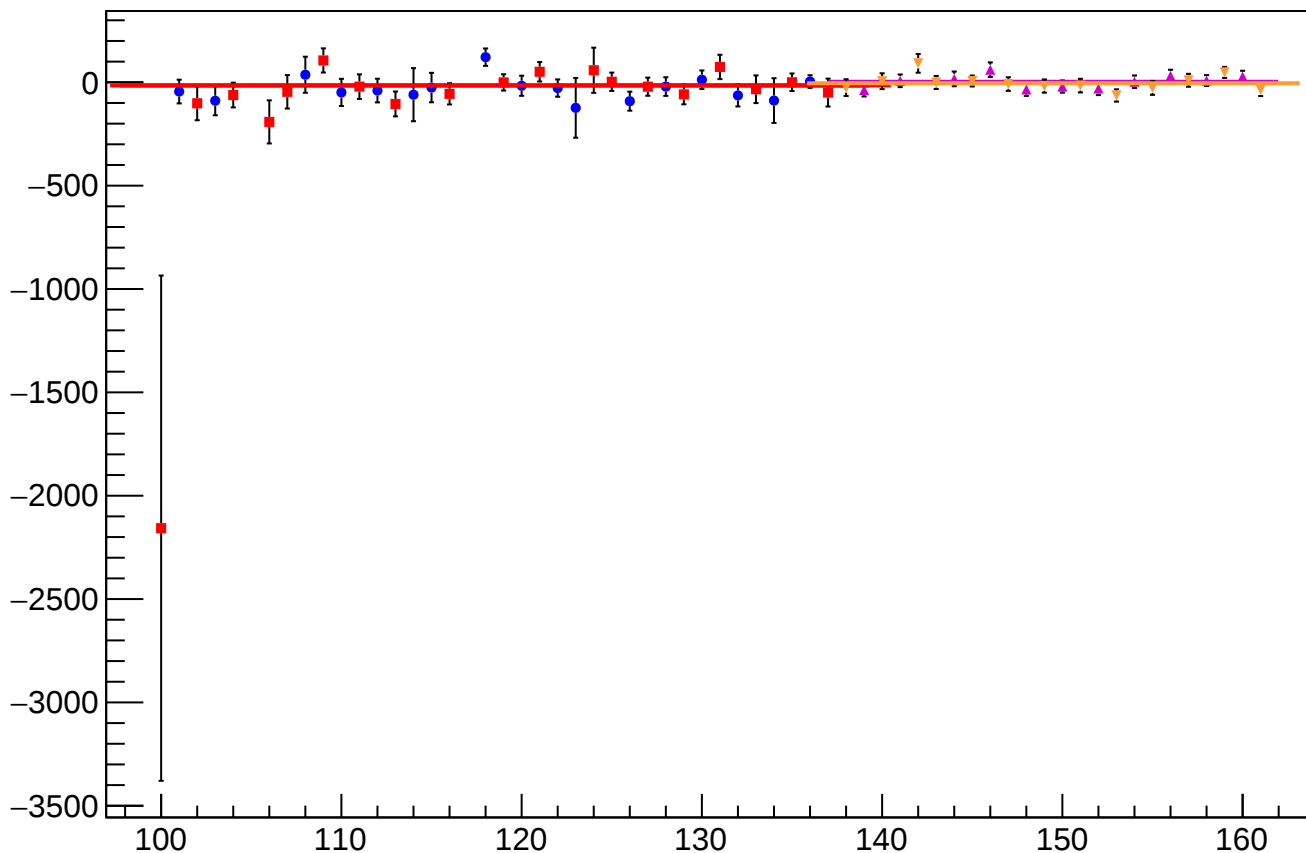
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 869.280+/-0.163 χ^2/NDF : 2852884.7/27

Out: 883.830+/-0.160 χ^2/NDF : 3090874.0/31

All: 876.711+/-0.114 χ^2/NDF : 5947823.9/59

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: -4.552 ± 8.937 χ^2/NDF : 14.9/12

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: 2.553 ± 9.242 χ^2/NDF : 9.3/10

Left: -1.119 ± 6.424 χ^2/NDF : 24.5/23

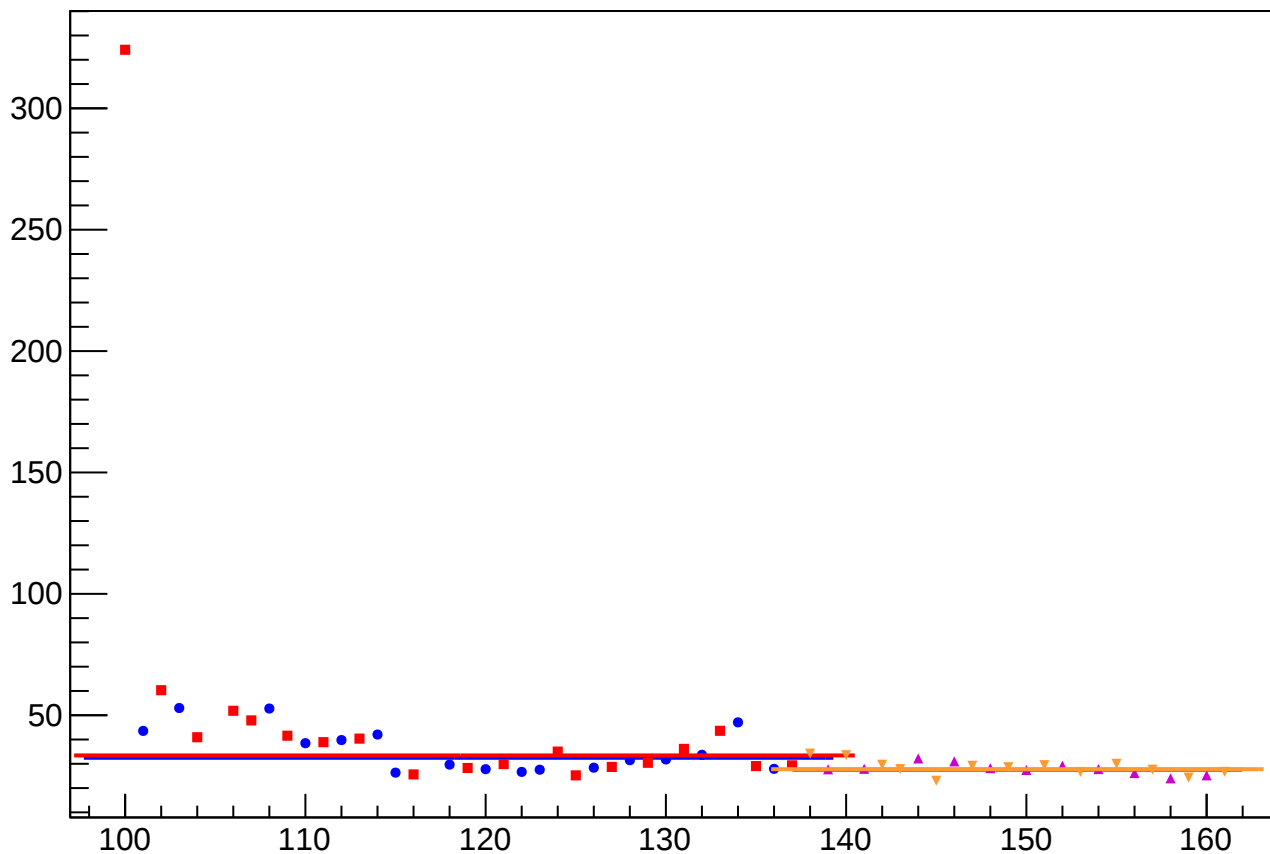
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -3.491 ± 7.514 χ^2/NDF : 28.9/27

Out: -7.898 ± 7.382 χ^2/NDF : 36.6/31

All: -5.734 ± 5.266 χ^2/NDF : 65.7/59

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.775 $\pm$ 0.006 χ^2 /NDF: 220581.5/12

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.554 $\pm$ 0.007 χ^2 /NDF: 113380.0/10

Left: 27.668 $\pm$ 0.005 χ^2 /NDF: 334556.0/23

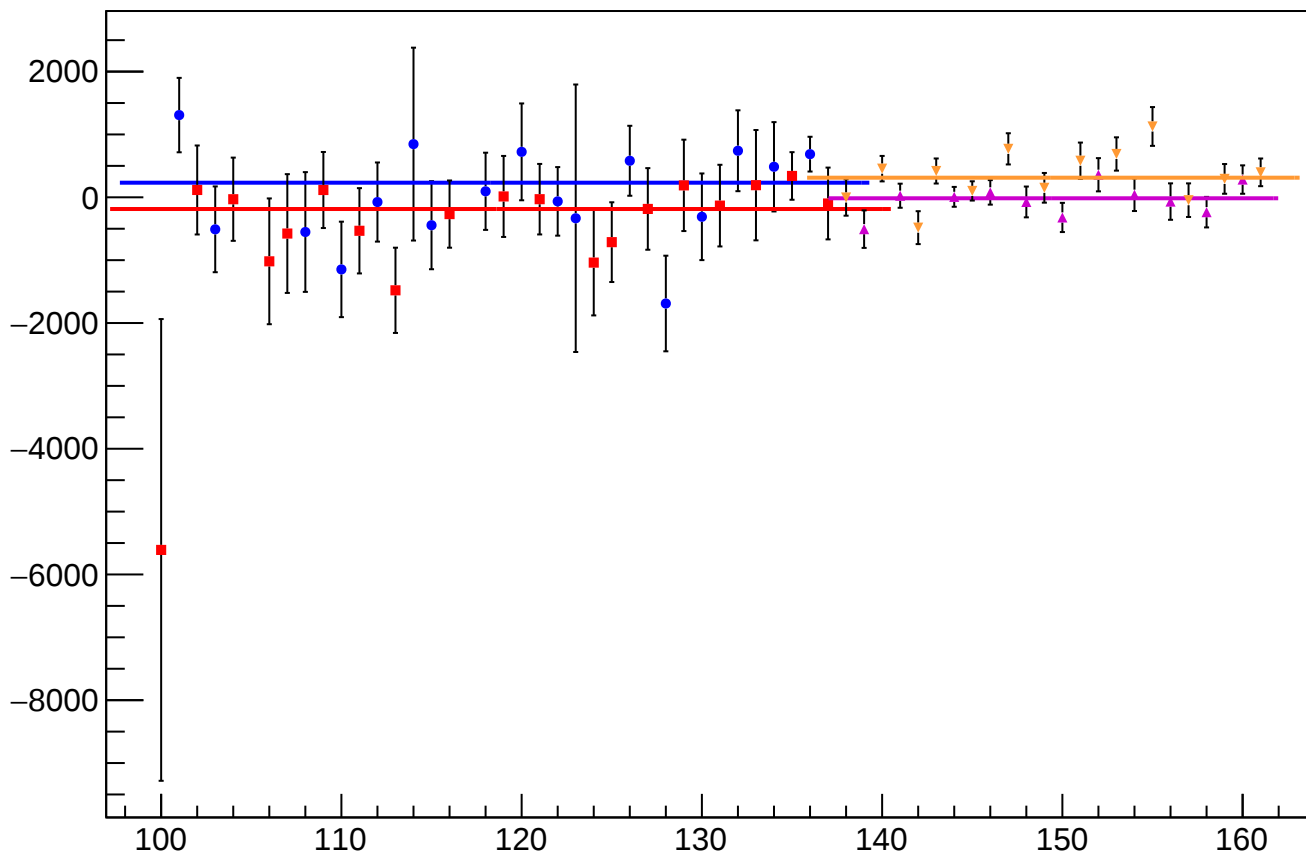
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 29.226 $\pm$ 0.005 χ^2 /NDF: 901169.8/27

Out: 29.576 $\pm$ 0.005 χ^2 /NDF: 1314615.6/31

All: 29.405 $\pm$ 0.004 χ^2 /NDF: 2217992.8/59

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: 312.013 $\pm$ 64.272 χ^2 /NDF:28.8/12

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -15.459 $\pm$ 67.786 χ^2 /NDF:9.4/10

Left: 156.986 $\pm$ 46.640 χ^2 /NDF: 50.5/23

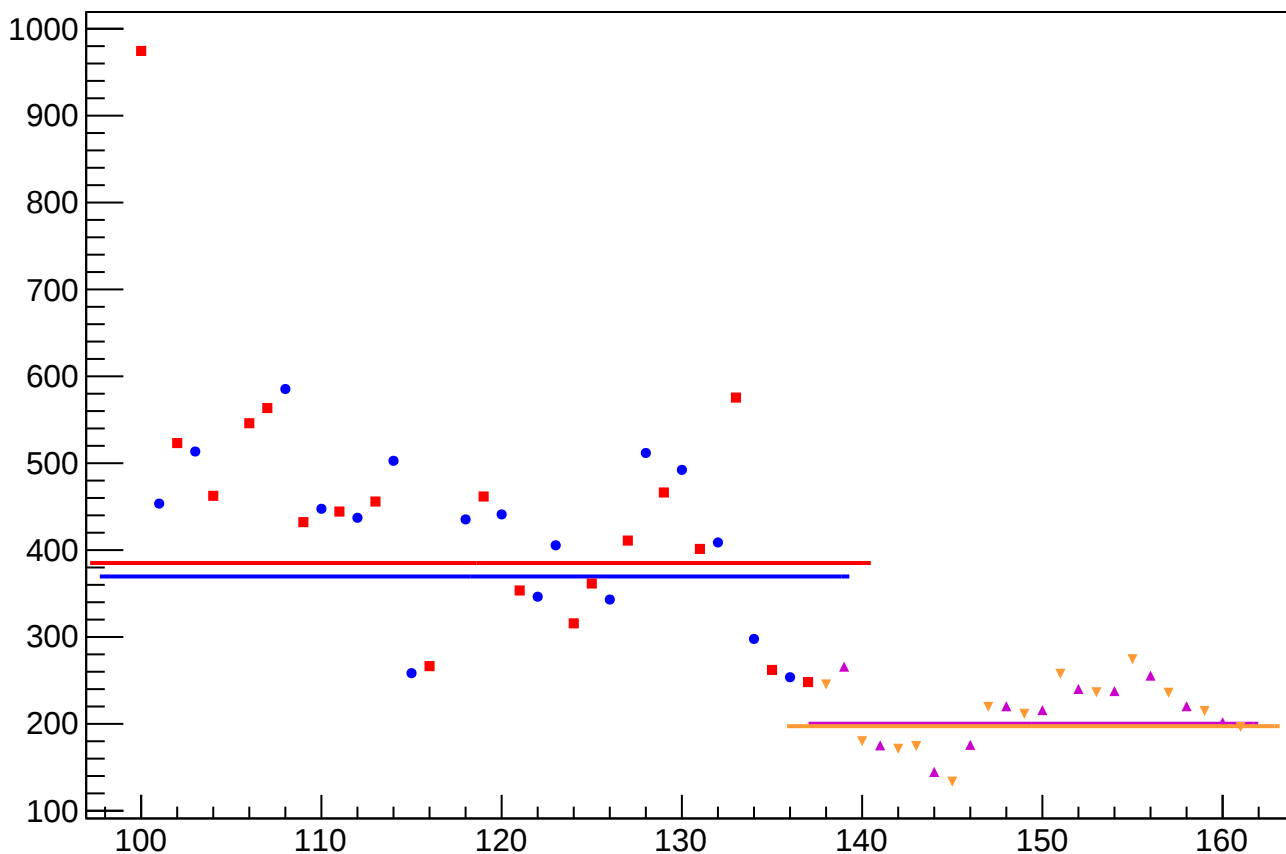
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 27.218 $\pm$ 61.673 χ^2 /NDF:33.2/27

Out: 234.627 $\pm$ 59.069 χ^2 /NDF:49.9/31

All: 135.393 $\pm$ 42.659 χ^2 /NDF: 89.0/59

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 197.372 $\pm$ 0.045 χ^2 /NDF: 794353.2/12

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 200.150 $\pm$ 0.048 χ^2 /NDF: 605507.3/10

Left: 198.687 $\pm$ 0.033 χ^2 /NDF: 1401629.9/23

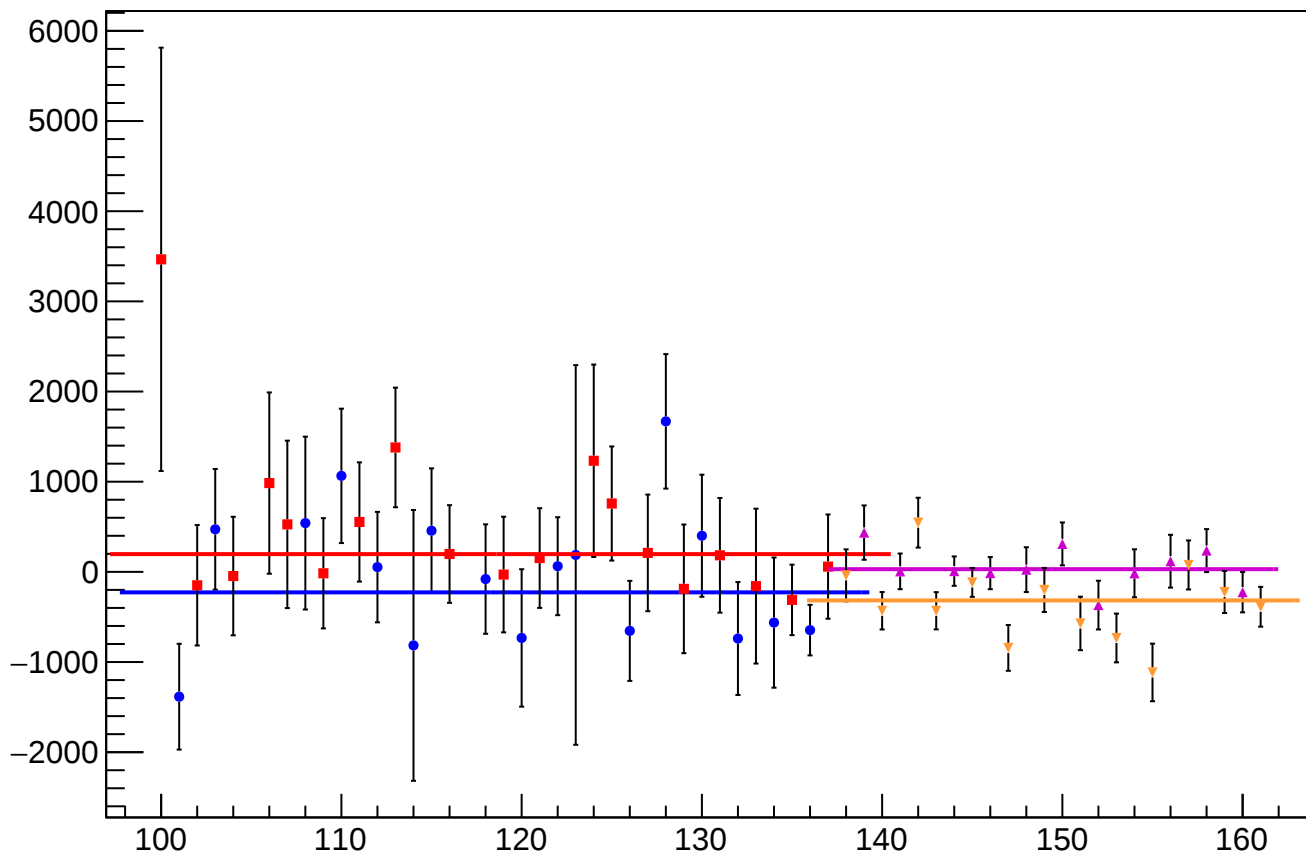
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 229.343 $\pm$ 0.044 χ^2 /NDF: 3662039.3/27

Out: 226.540 $\pm$ 0.042 χ^2 /NDF: 4372792.6/31

All: 227.881 $\pm$ 0.030 χ^2 /NDF: 8036987.4/59

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -316.602+/-65.894 χ^2/NDF : 29.1/12

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 29.827+/-67.945 χ^2/NDF : 7.6/10

Left: -148.696+/-47.303 χ^2/NDF : 50.1/23

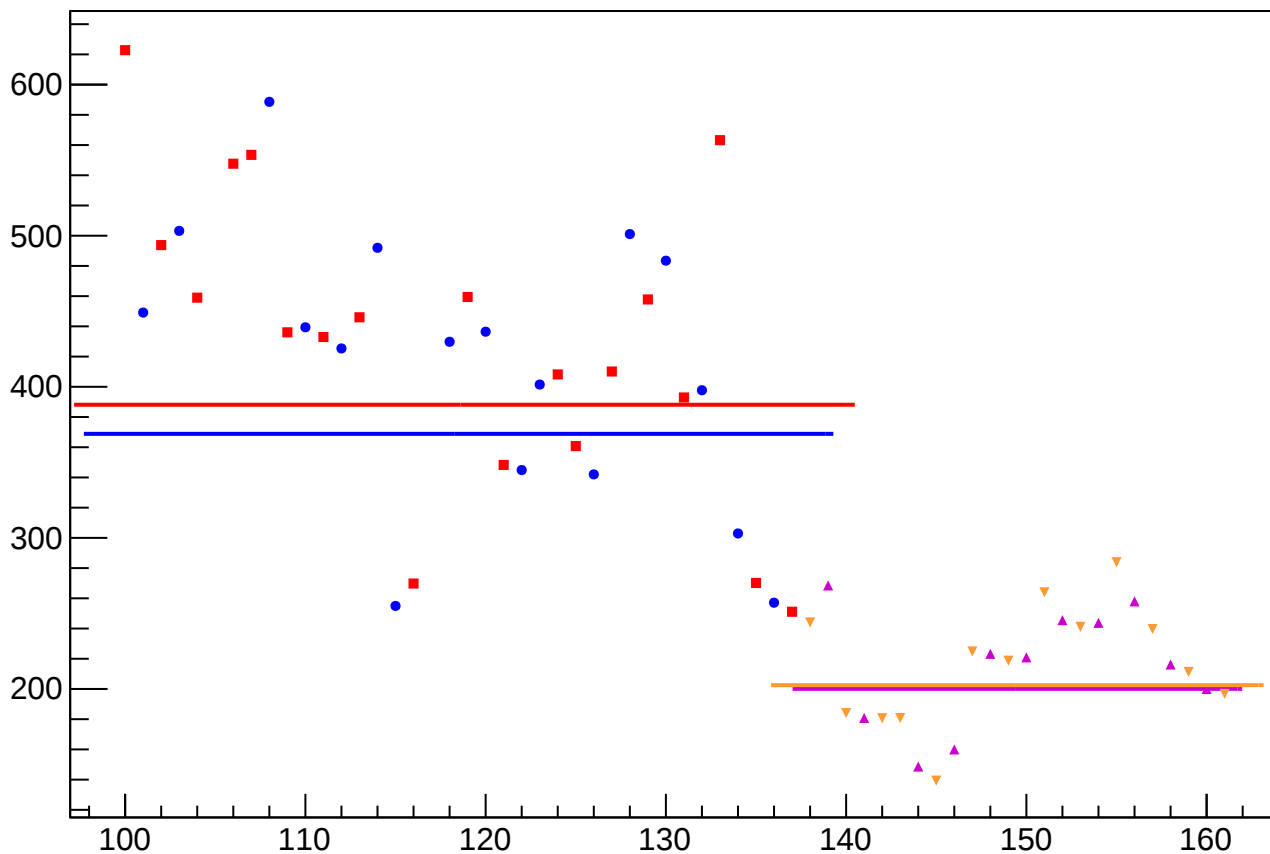
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -14.968+/-61.743 χ^2/NDF : 32.0/27

Out: -233.725+/-60.341 χ^2/NDF : 49.6/31

All: -126.859+/-43.155 χ^2/NDF : 88.0/59

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 202.537 $\pm$ 0.047 χ^2/NDF : 724764.7/12

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 200.082 $\pm$ 0.048 χ^2/NDF : 653395.2/10

Left: 201.347 $\pm$ 0.033 χ^2/NDF : 1379505.5/23

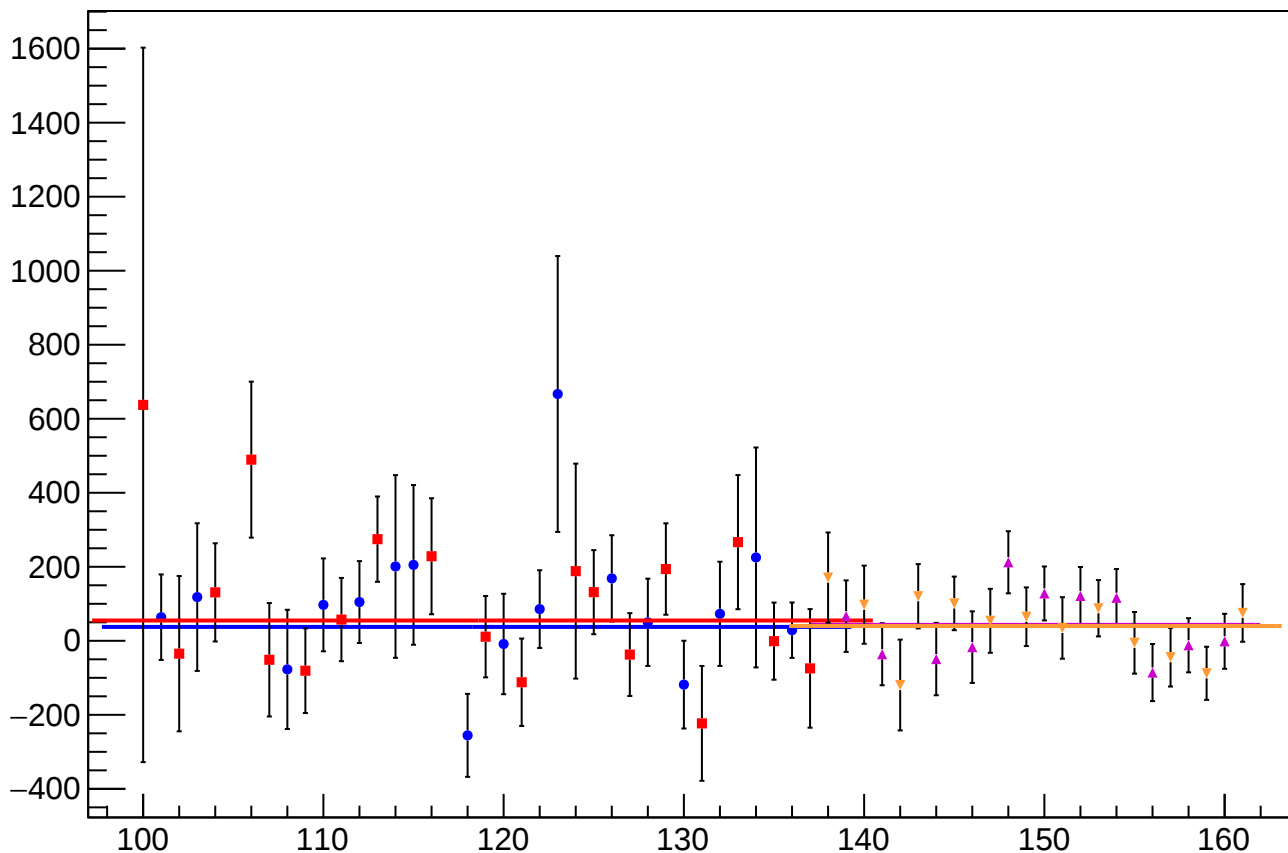
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 229.488 $\pm$ 0.044 χ^2/NDF : 3633298.0/27

Out: 232.499 $\pm$ 0.043 χ^2/NDF : 4064303.4/31

All: 231.028 $\pm$ 0.031 χ^2/NDF : 7700034.6/59

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 ± 31.460 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 40.090 ± 23.447 $\chi^2/\text{NDF}: 10.0/12$

Right Out: 54.894 ± 31.473 $\chi^2/\text{NDF}: 22.2/18$

Left In: 43.075 ± 24.580 $\chi^2/\text{NDF}: 13.2/10$

Left: 41.512 ± 16.966 $\chi^2/\text{NDF}: 23.3/23$

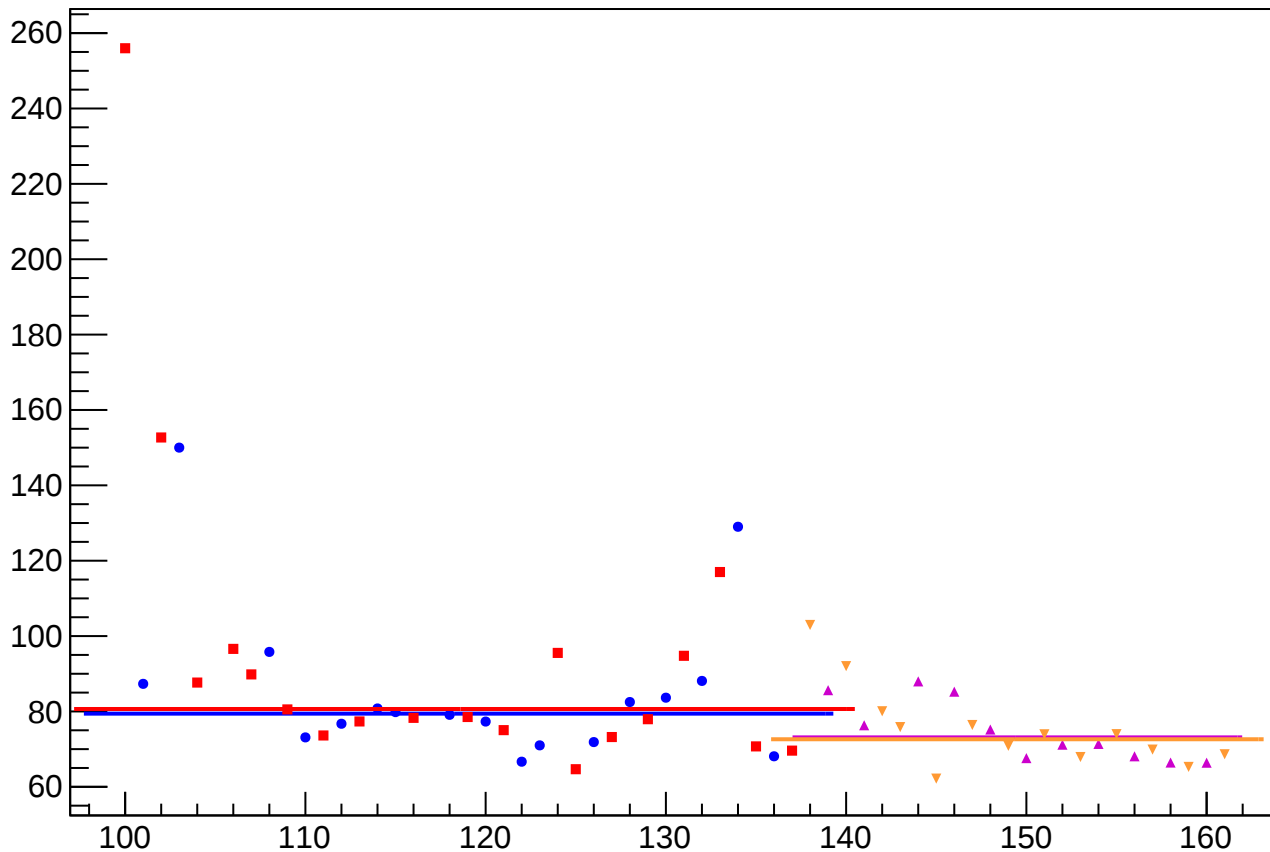
Right: 46.211 ± 22.250 $\chi^2/\text{NDF}: 38.2/35$

In: 40.975 ± 19.369 $\chi^2/\text{NDF}: 29.1/27$

Out: 45.374 ± 18.803 $\chi^2/\text{NDF}: 32.3/31$

All: 43.240 ± 13.491 $\chi^2/\text{NDF}: 61.5/59$

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: 72.621 $\pm$ 0.017 χ^2 /NDF: 285068.5/12

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 73.120 $\pm$ 0.017 χ^2 /NDF: 170497.4/10

Left: 72.858 $\pm$ 0.012 χ^2 /NDF: 455997.0/23

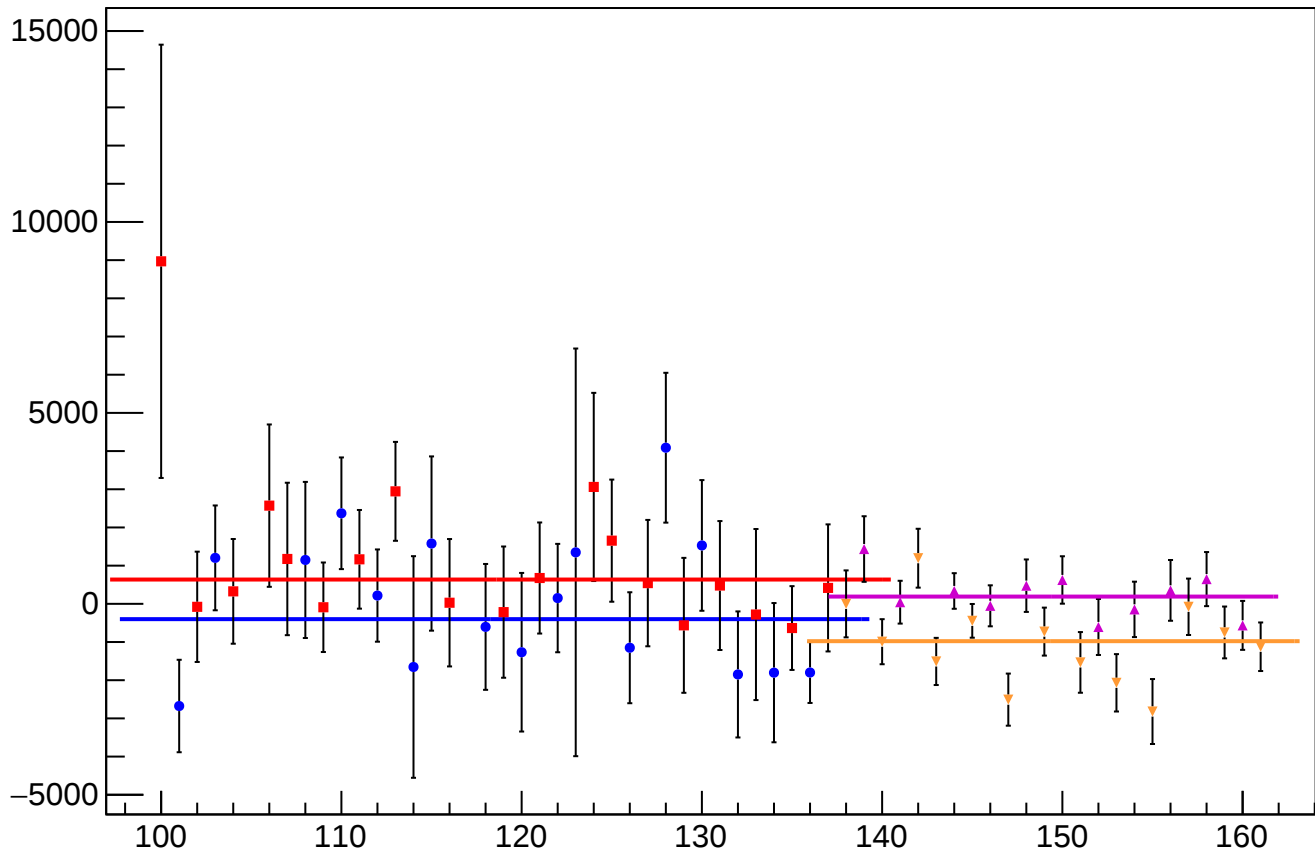
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 75.508 $\pm$ 0.014 χ^2 /NDF: 659374.6/27

Out: 75.487 $\pm$ 0.013 χ^2 /NDF: 889260.6/31

All: 75.497 $\pm$ 0.010 χ^2 /NDF: 1548636.4/59

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -977.860+/-184.077 χ^2/NDF : 25.5/12

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 190.032+/-192.124 χ^2/NDF : 6.4/10

Left: -418.884+/-132.916 χ^2/NDF : 51.2/23

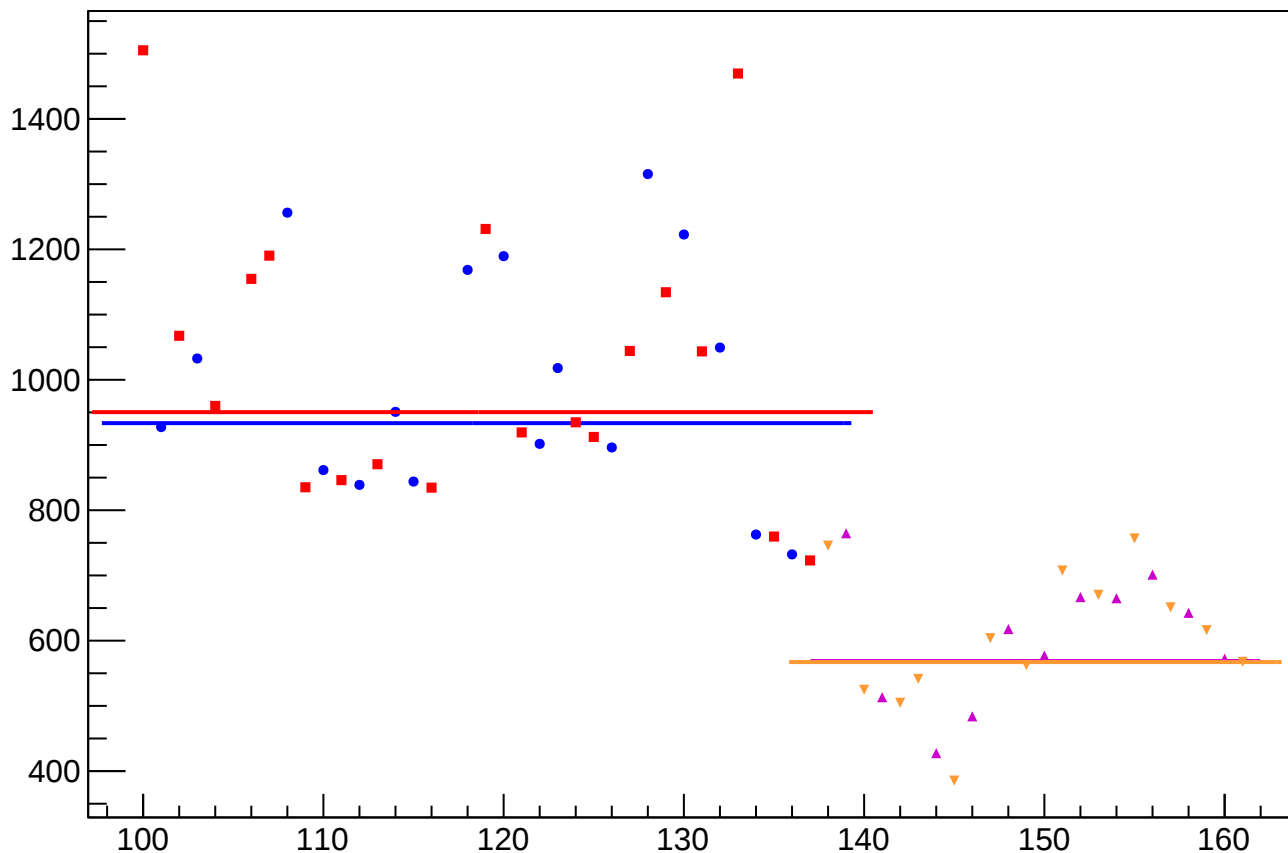
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 63.691+/-170.358 χ^2/NDF : 30.3/27

Out: -647.606+/-164.167 χ^2/NDF : 52.1/31

All: -305.116+/-118.212 χ^2/NDF : 91.4/59

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 567.197+/-0.130 χ^2/NDF : 690570.2/12

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 568.798+/-0.136 χ^2/NDF : 515916.1/10

Left: 567.963+/-0.094 χ^2/NDF : 1206558.7/23

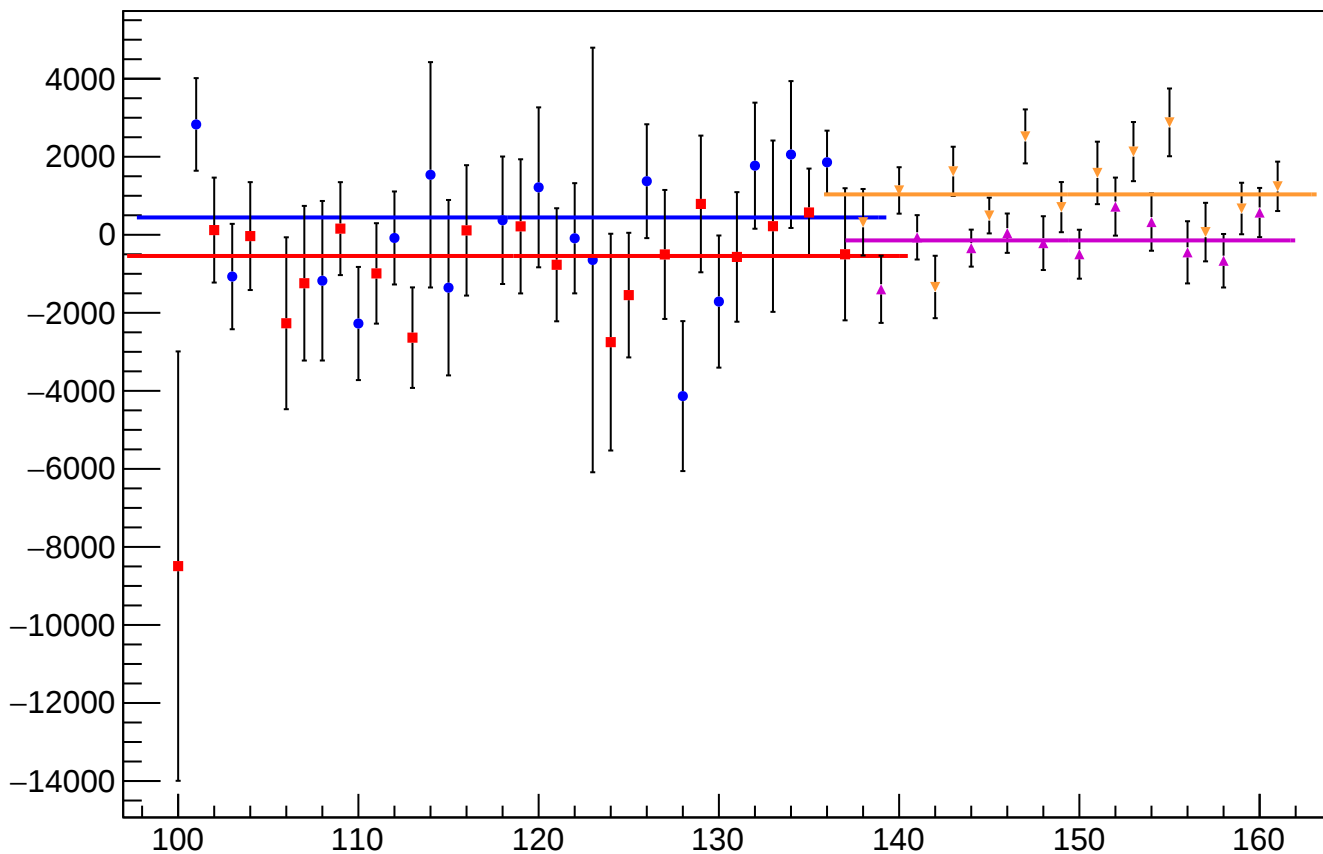
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 646.758+/-0.120 χ^2/NDF : 2498922.7/27

Out: 645.610+/-0.116 χ^2/NDF : 2888548.8/31

All: 646.163+/-0.084 χ^2/NDF : 5387518.7/59

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1035.481+/-186.540 χ^2/NDF : 25.8/12

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -143.896+/-191.262 χ^2/NDF : 6.5/10

Left: 460.531+/-133.542 χ^2/NDF : 51.9/23

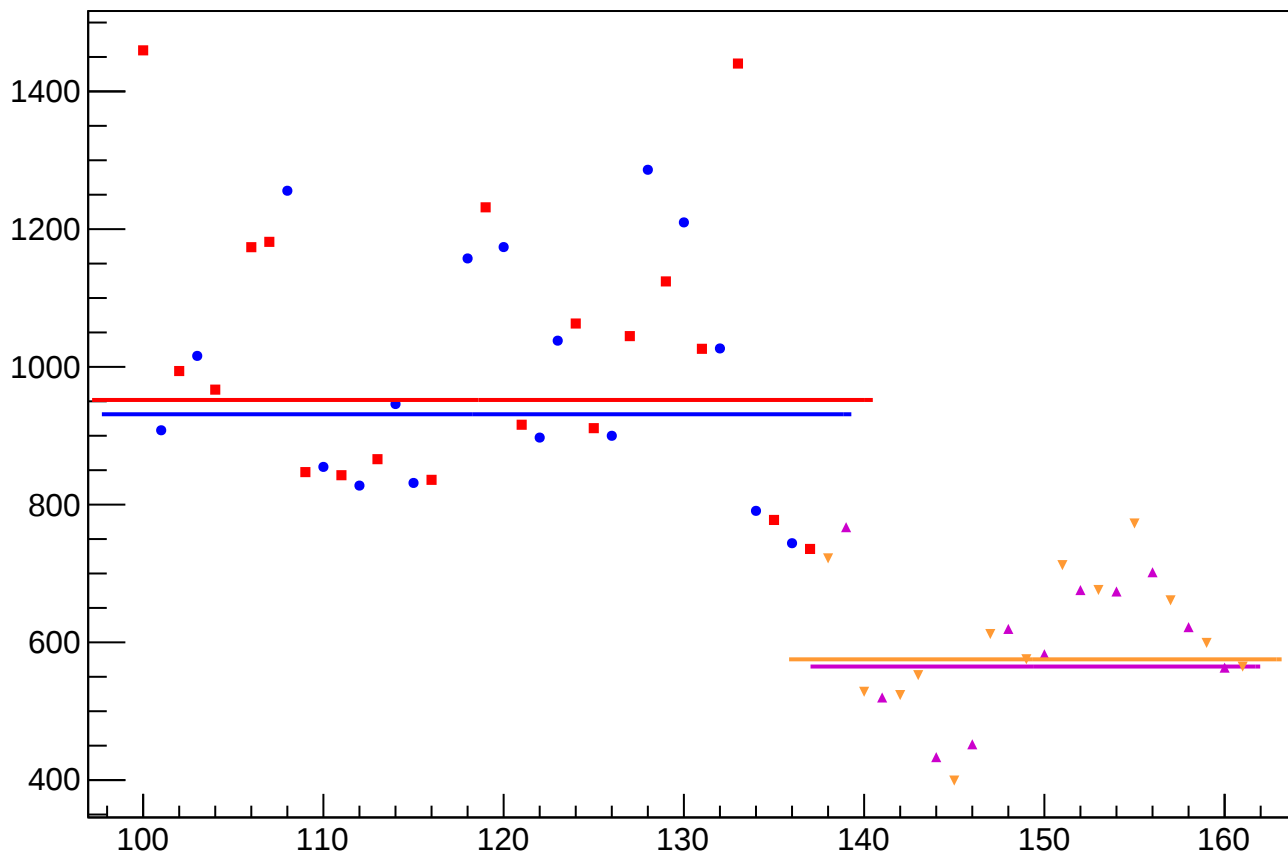
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -18.239+/-169.621 χ^2/NDF : 31.5/27

Out: 706.172+/-165.945 χ^2/NDF : 50.2/31

All: 351.900+/-118.619 χ^2/NDF : 90.9/59

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 575.343 $\pm$ 0.132 χ^2 /NDF: 609455.8/12

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 564.892 $\pm$ 0.135 χ^2 /NDF: 552586.6/10

Left: 570.248 $\pm$ 0.094 χ^2 /NDF: 1165102.8/23

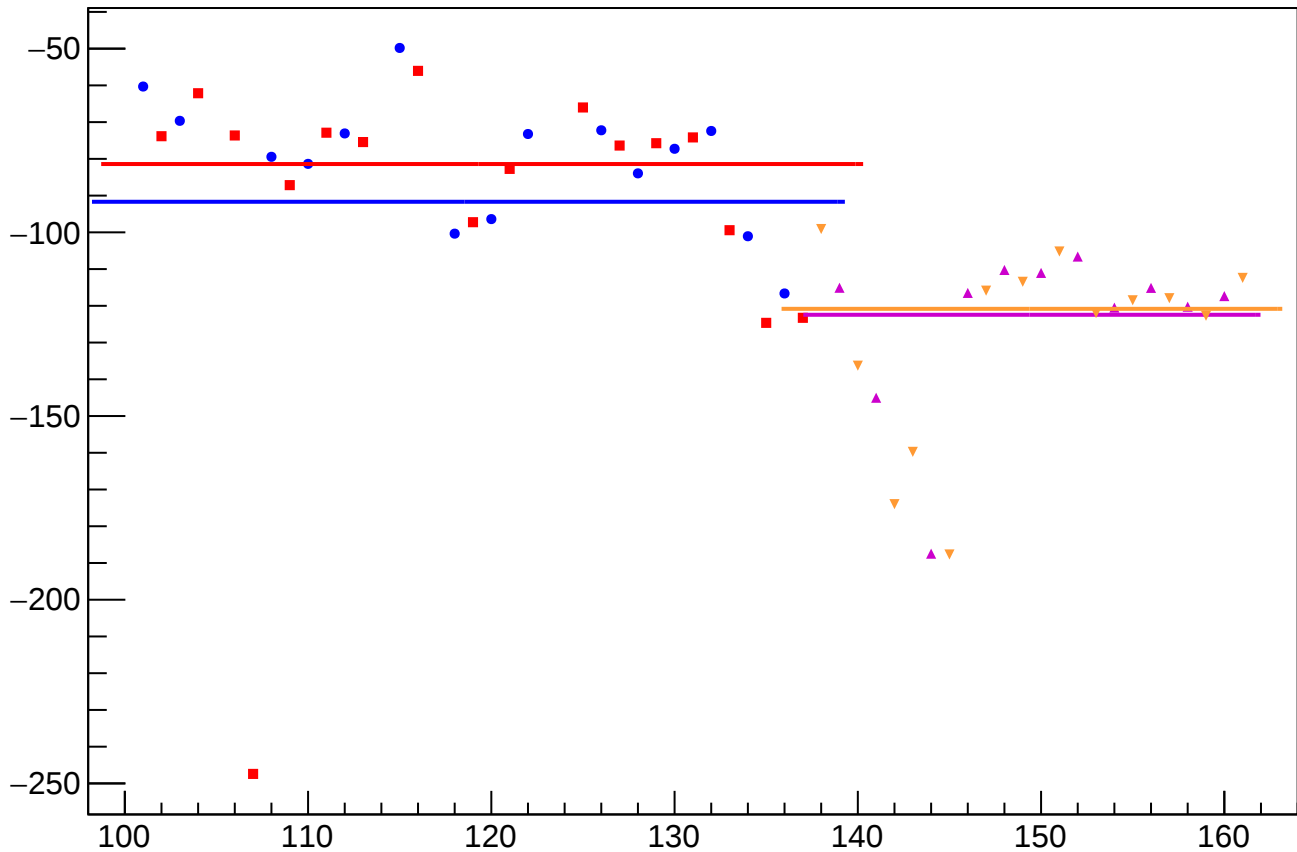
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 643.098 $\pm$ 0.120 χ^2 /NDF: 2519088.1/27

Out: 653.913 $\pm$ 0.117 χ^2 /NDF: 2692892.1/31

All: 648.624 $\pm$ 0.084 χ^2 /NDF: 5216134.8/59

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -120.819 ± 0.081 χ^2/NDF : 22696.1/12

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -122.440 ± 0.079 χ^2/NDF : 42422.9/10

Left: -121.656 ± 0.056 χ^2/NDF : 65324.7/23

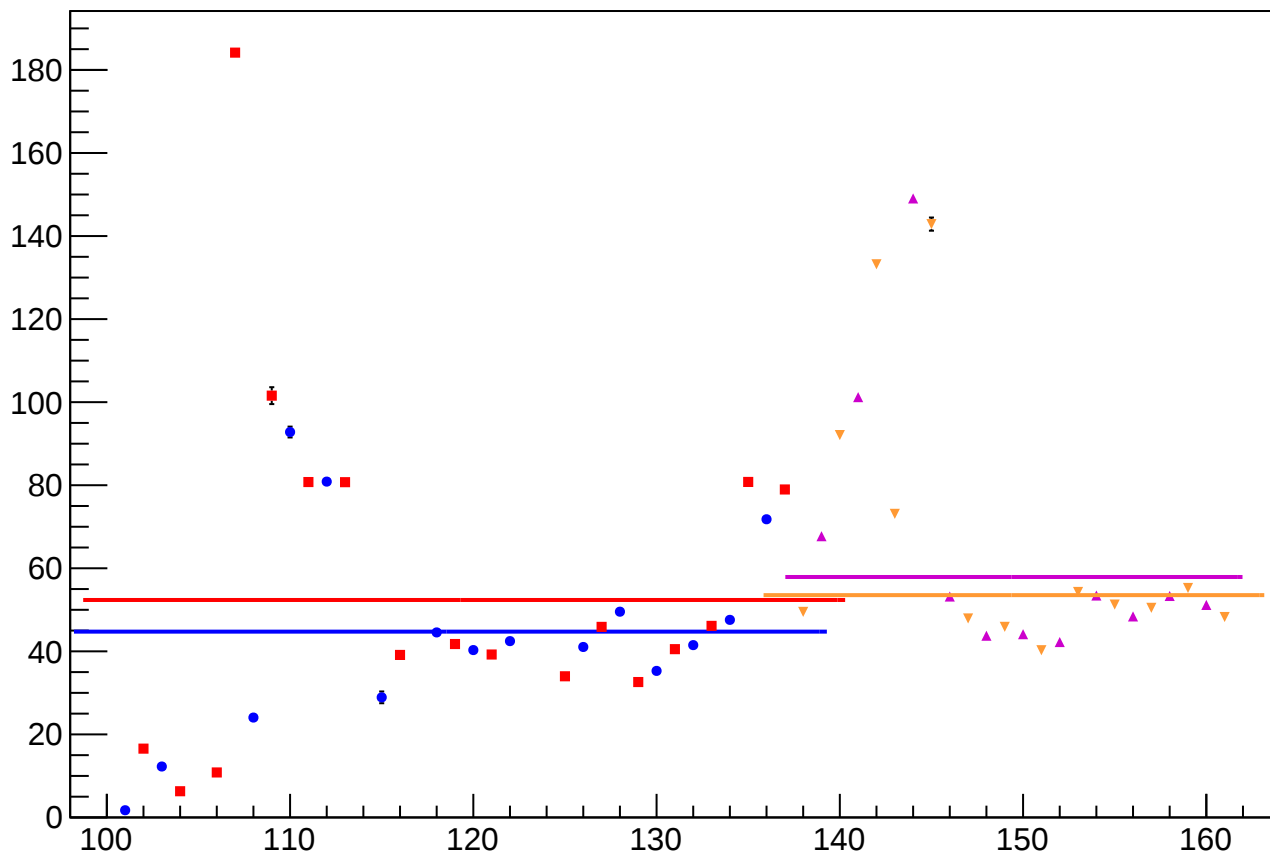
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -105.317 ± 0.052 χ^2/NDF : 192331.4/25

Out: -104.863 ± 0.063 χ^2/NDF : 159757.1/29

All: -105.131 ± 0.040 χ^2/NDF : 352119.4/55

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 53.533 $\pm$ 0.066 χ^2/NDF :42139.0/12

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 57.903 $\pm$ 0.067 χ^2/NDF :106764.9/10

Left: 55.664 $\pm$ 0.047 χ^2/NDF : 151054.8/23

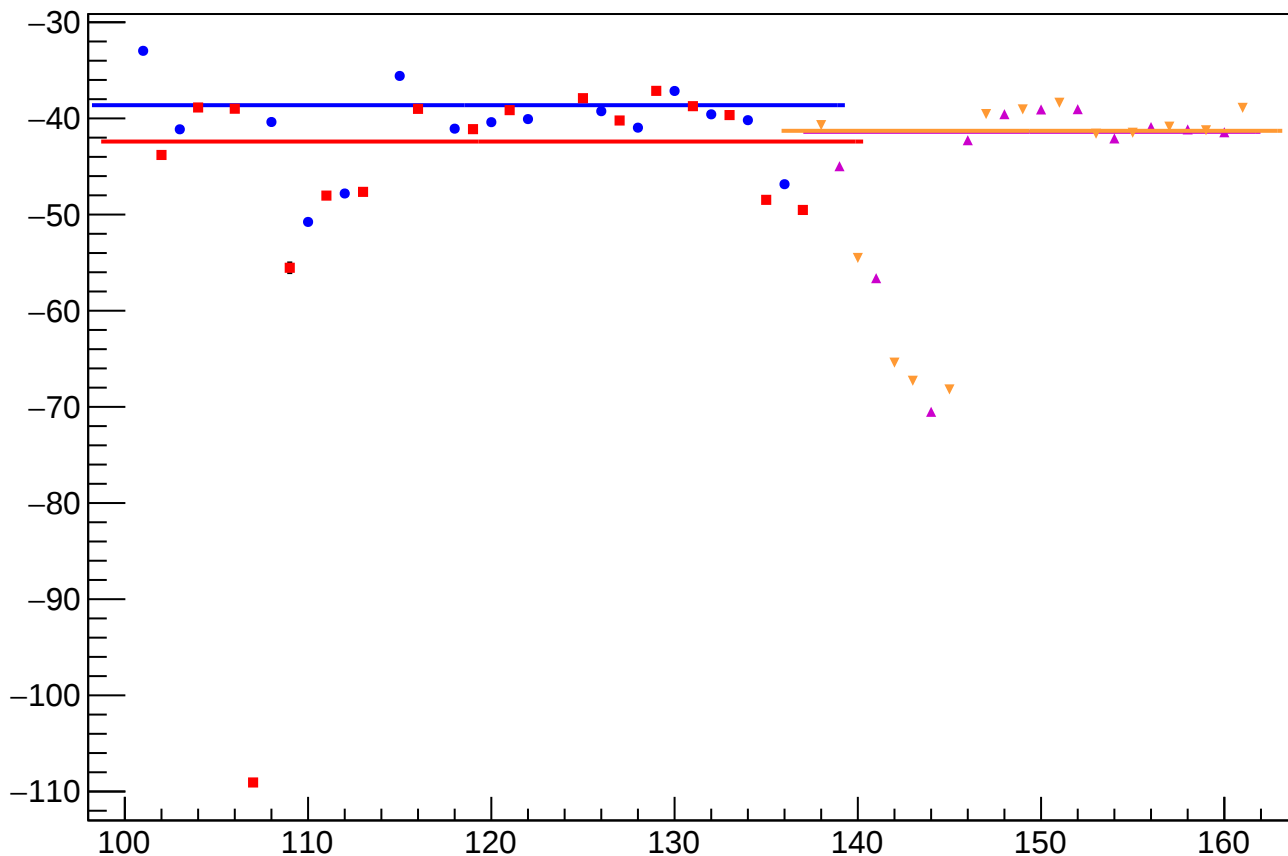
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.619 $\pm$ 0.045 χ^2/NDF :212531.5/25

Out: 53.236 $\pm$ 0.057 χ^2/NDF :111504.2/29

All: 51.630 $\pm$ 0.035 χ^2/NDF : 325338.7/55

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 $\pm$ 0.008 χ^2 /NDF: 240108.7/14

Left Out: -41.290 $\pm$ 0.009 χ^2 /NDF:188252.4/12

Right Out: -42.406 $\pm$ 0.021 χ^2 /NDF: 269138.5/16

Left In: -41.396 $\pm$ 0.010 χ^2 /NDF:142430.8/10

Left: -41.336 $\pm$ 0.007 χ^2 /NDF: 330741.0/23

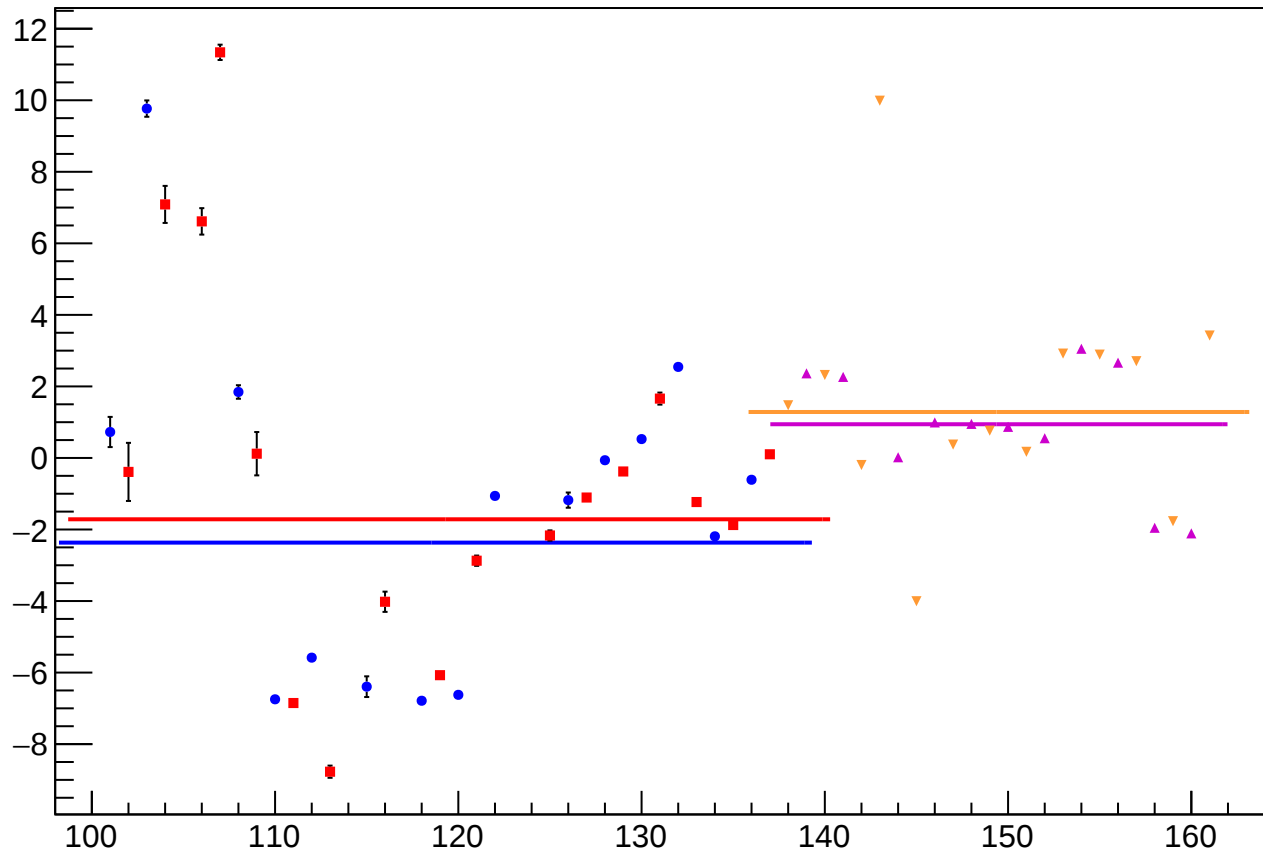
Right: -39.121 $\pm$ 0.008 χ^2 /NDF: 536660.1/31

In: -39.693 $\pm$ 0.006 χ^2 /NDF:425808.1/25

Out: -41.465 $\pm$ 0.008 χ^2 /NDF:459710.0/29

All: -40.352 $\pm$ 0.005 χ^2 /NDF: 913325.7/55

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.285 ± 0.010 χ^2/NDF : 38926.0/12

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 0.943 ± 0.009 χ^2/NDF : 36691.2/10

Left: 1.095 ± 0.007 χ^2/NDF : 76257.4/23

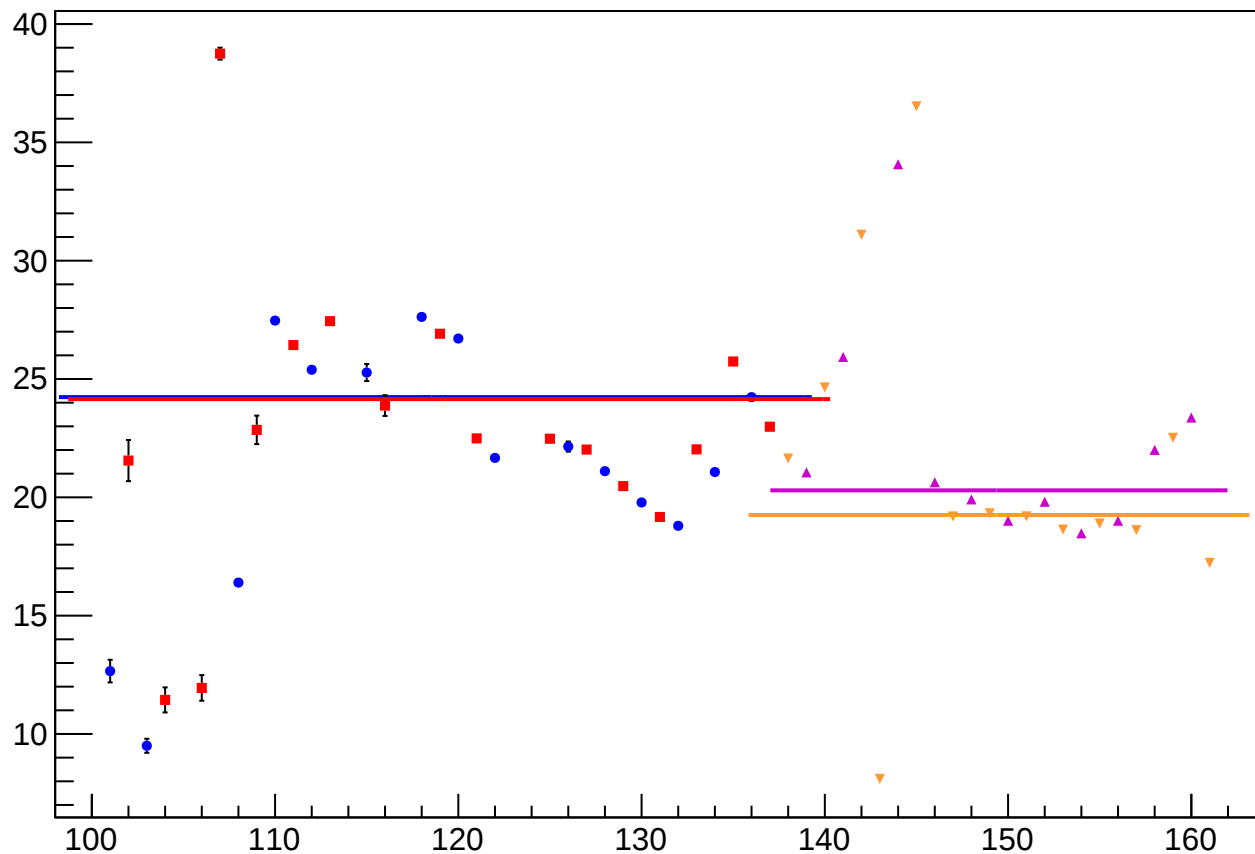
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.024 ± 0.008 χ^2/NDF : 104624.5/25

Out: 0.918 ± 0.009 χ^2/NDF : 62487.5/29

All: 0.347 ± 0.006 χ^2/NDF : 173155.5/55

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 19.254 $\pm$ 0.010 χ^2 /NDF: 48358.7/12

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.295 $\pm$ 0.009 χ^2 /NDF: 66121.3/10

Left: 19.851 $\pm$ 0.007 χ^2 /NDF: 120440.4/23

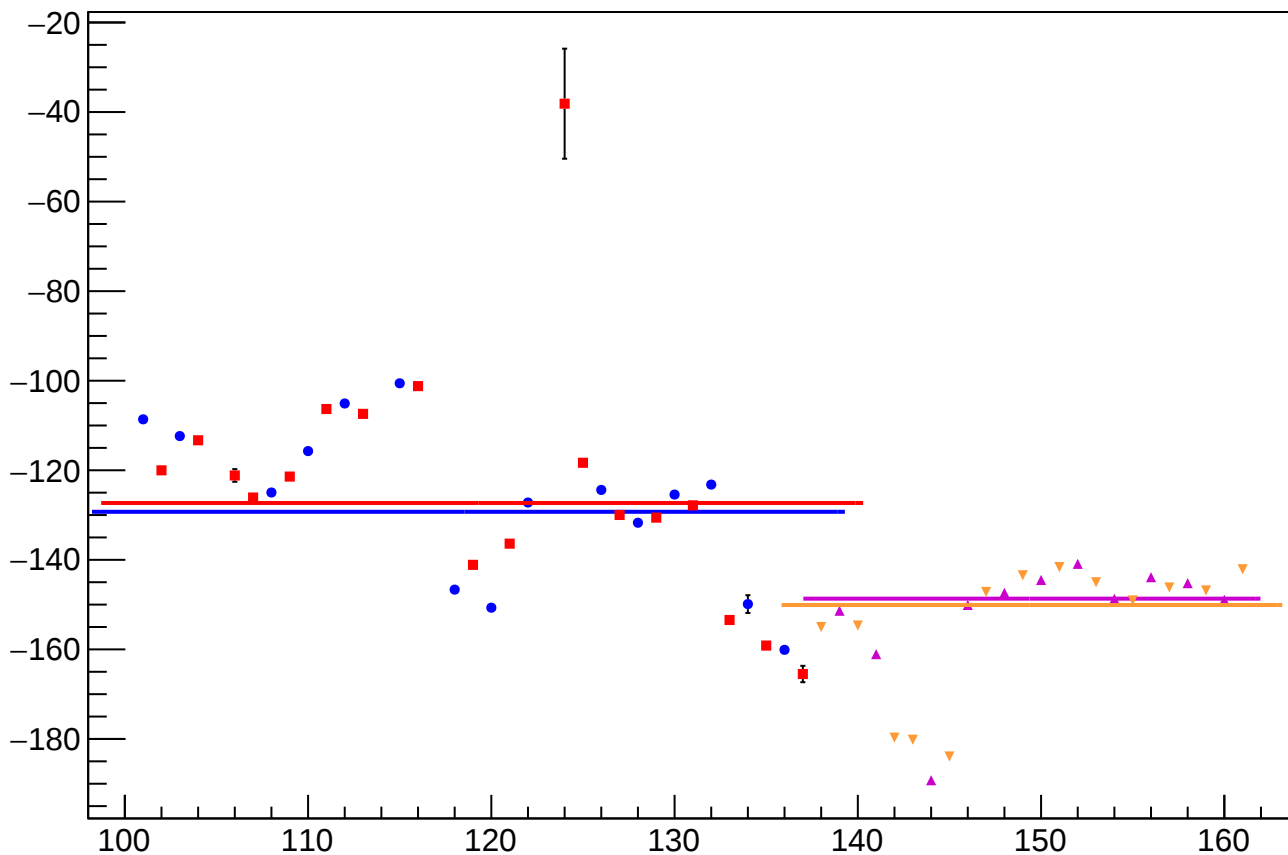
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.838 $\pm$ 0.008 χ^2 /NDF: 115617.1/25

Out: 19.985 $\pm$ 0.009 χ^2 /NDF: 95916.3/29

All: 20.471 $\pm$ 0.006 χ^2 /NDF: 216214.7/55

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -150.092 ± 0.068 χ^2/NDF : 27700.4/12

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.670 ± 0.063 χ^2/NDF : 20820.7/10

Left: -149.328 ± 0.046 χ^2/NDF : 48757.4/23

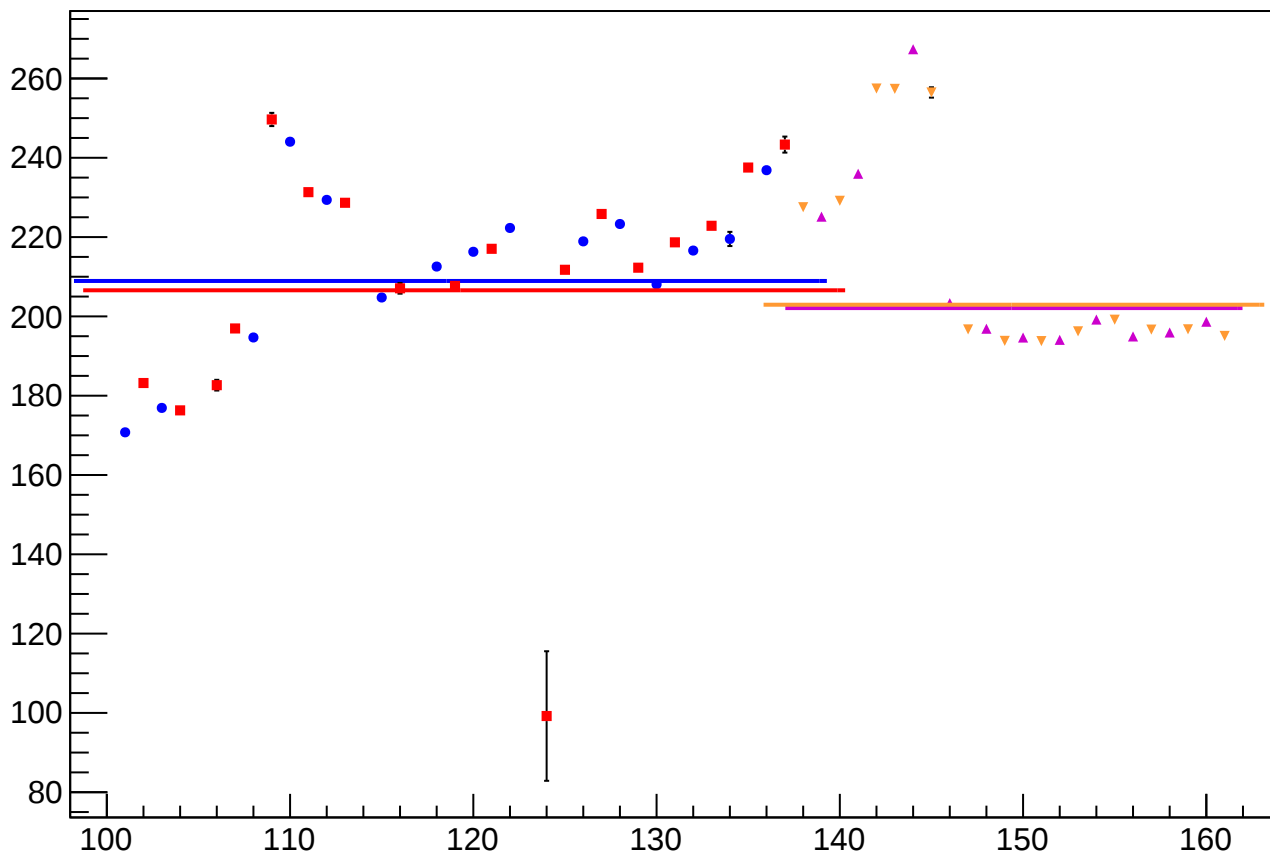
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.083 ± 0.051 χ^2/NDF : 88184.8/25

Out: -141.141 ± 0.053 χ^2/NDF : 101655.5/30

All: -141.627 ± 0.037 χ^2/NDF : 190004.4/56

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.943 $\pm$ 0.055 χ^2/NDF :102931.3/12

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 202.096 $\pm$ 0.054 χ^2/NDF :74642.1/10

Left: 202.515 $\pm$ 0.039 χ^2/NDF : 177692.9/23

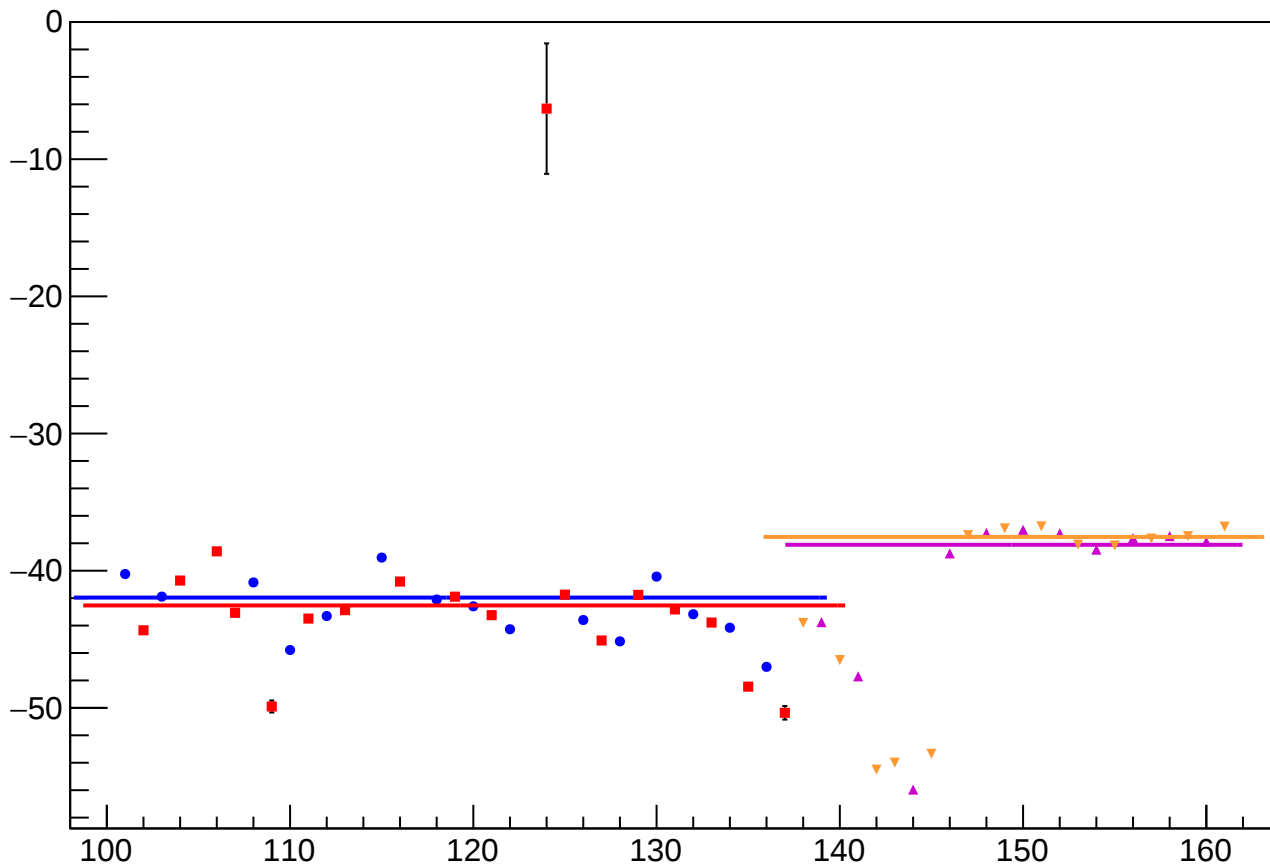
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 203.953 $\pm$ 0.046 χ^2/NDF :123606.9/25

Out: 204.052 $\pm$ 0.046 χ^2/NDF :152471.2/30

All: 204.003 $\pm$ 0.033 χ^2/NDF : 276080.4/56

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF : 24229.7/14

Left Out: -37.537+/-0.005 χ^2/NDF : 220246.9/12

Right Out: -42.532+/-0.021 χ^2/NDF : 6137.0/17

Left In: -38.110+/-0.005 χ^2/NDF : 128954.2/10

Left: -37.779+/-0.004 χ^2/NDF : 355512.4/23

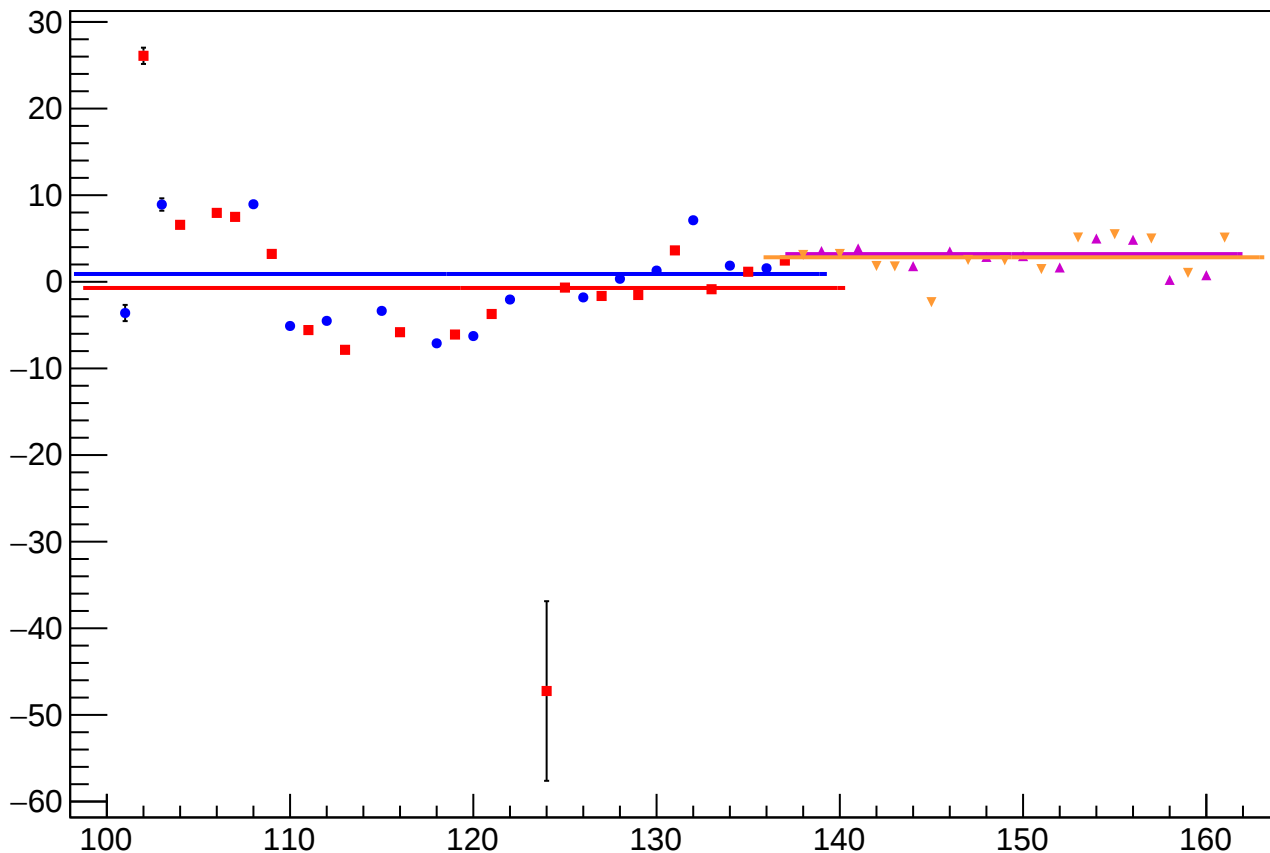
Right: -42.168+/-0.012 χ^2/NDF : 30855.6/32

In: -38.534+/-0.005 χ^2/NDF : 207324.3/25

Out: -37.782+/-0.005 χ^2/NDF : 282006.2/30

All: -38.111+/-0.003 χ^2/NDF : 501196.9/56

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.831 ± 0.009 $\chi^2/\text{NDF}: 35844.9/12$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.200 ± 0.009 $\chi^2/\text{NDF}: 34774.2/10$

Left: 3.023 ± 0.006 $\chi^2/\text{NDF}: 71426.0/23$

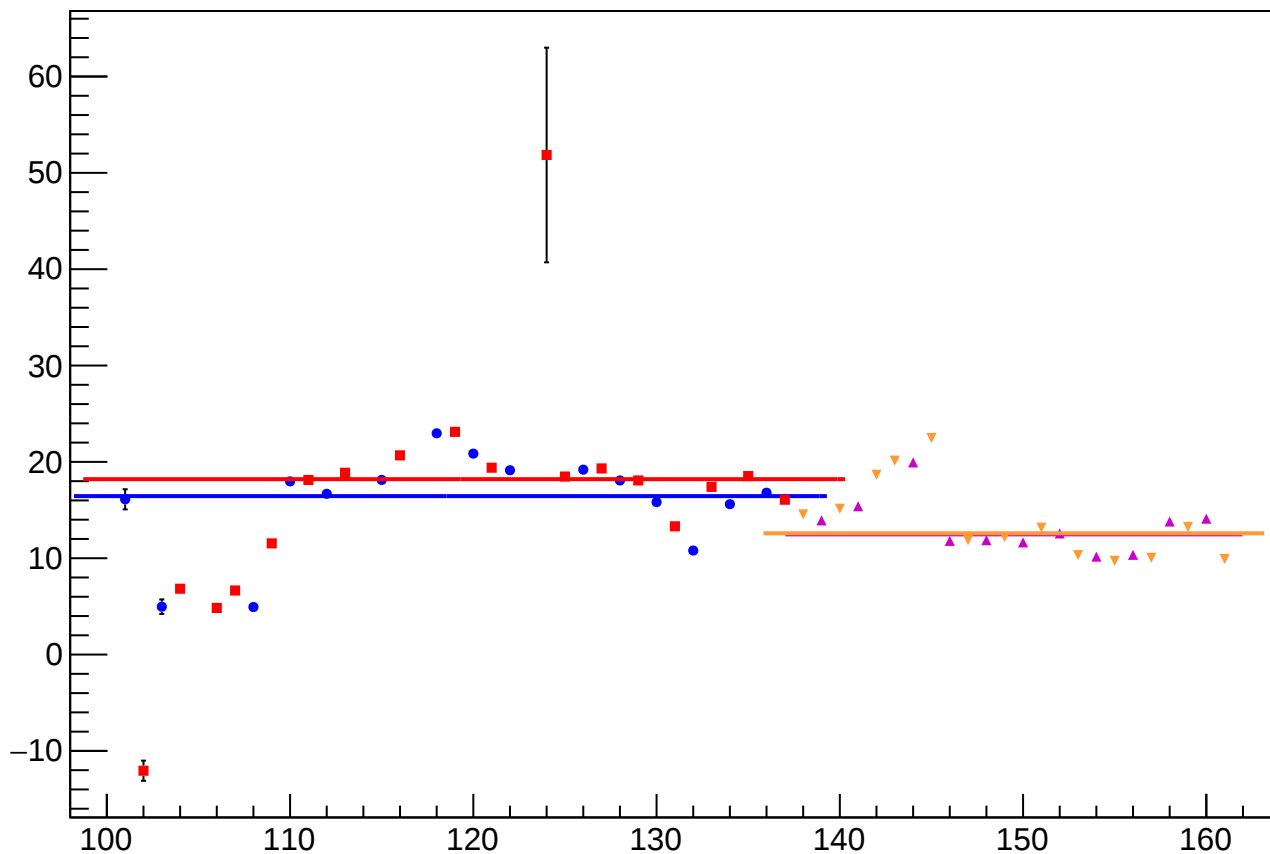
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.815 ± 0.008 $\chi^2/\text{NDF}: 66844.7/25$

Out: 2.375 ± 0.009 $\chi^2/\text{NDF}: 85081.0/30$

All: 2.609 ± 0.006 $\chi^2/\text{NDF}: 153280.2/56$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 12.590 ± 0.011 $\chi^2/\text{NDF}: 58611.0/12$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.476 ± 0.011 $\chi^2/\text{NDF}: 26129.0/10$

Left: 12.534 ± 0.008 $\chi^2/\text{NDF}: 84794.8/23$

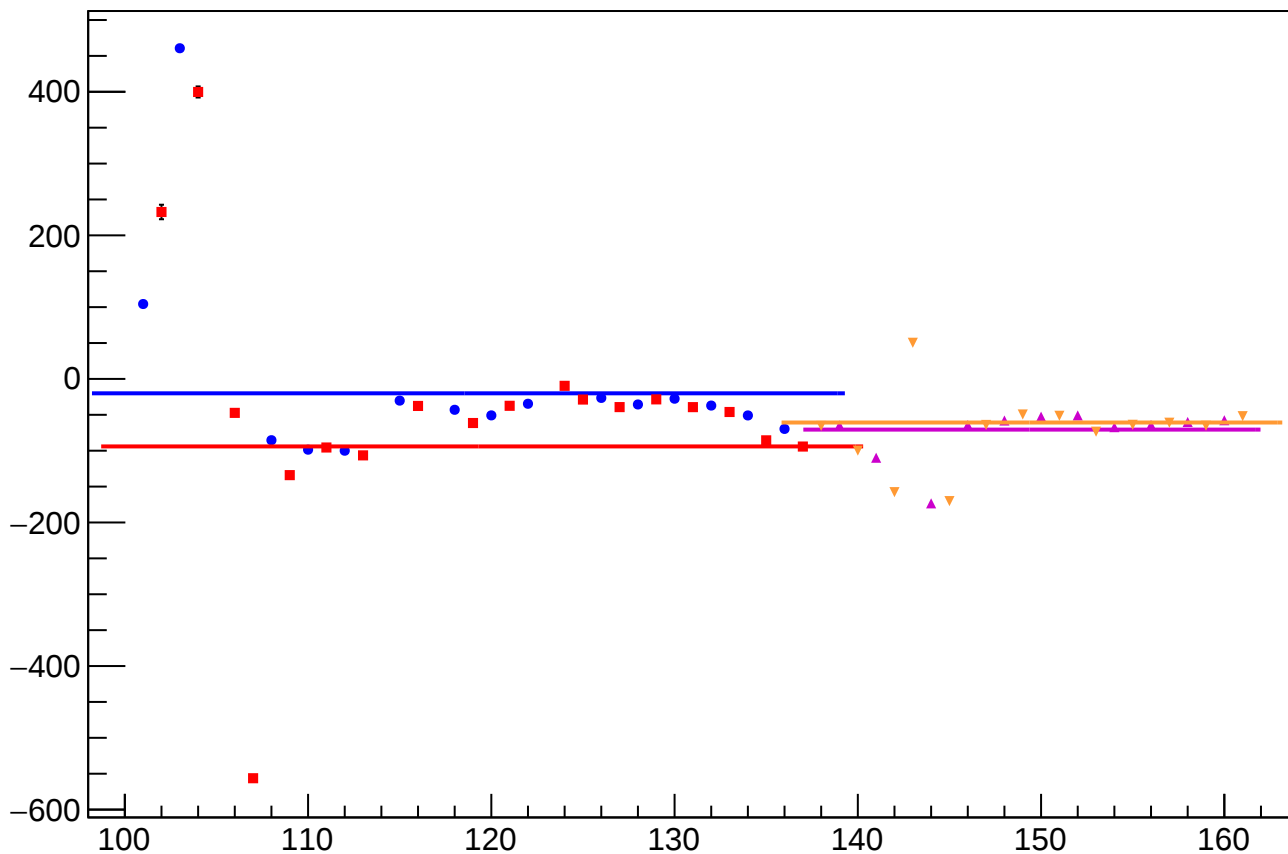
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 13.143 ± 0.010 $\chi^2/\text{NDF}: 62339.5/25$

Out: 13.820 ± 0.010 $\chi^2/\text{NDF}: 145129.1/30$

All: 13.497 ± 0.007 $\chi^2/\text{NDF}: 209862.3/56$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -60.733 ± 0.131 χ^2/NDF : 45252.7/12

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -70.626 ± 0.153 χ^2/NDF : 35983.4/10

Left: -64.915 ± 0.100 χ^2/NDF : 83647.0/23

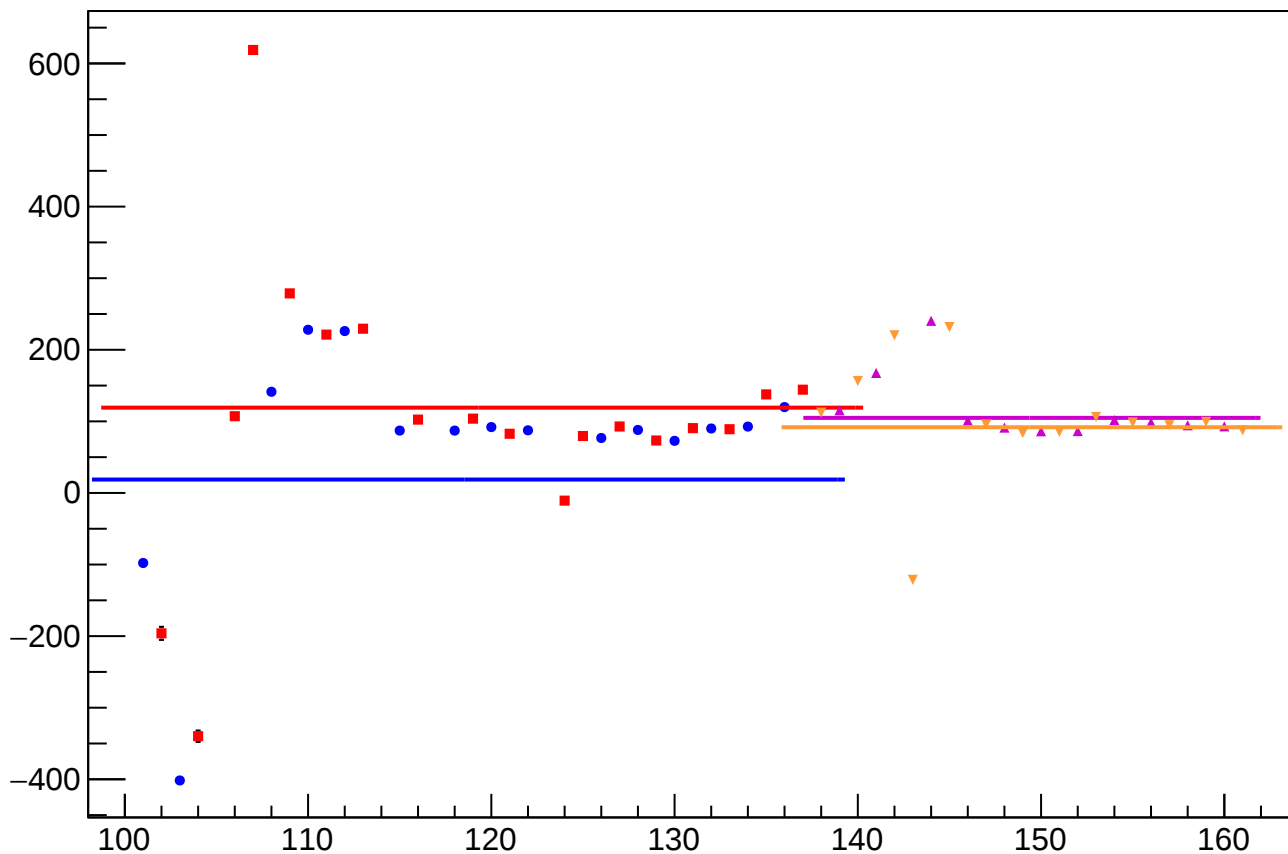
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.353 ± 0.108 χ^2/NDF : 531980.5/25

Out: -93.753 ± 0.012 χ^2/NDF : 196844.4/30

All: -93.128 ± 0.012 χ^2/NDF : 926085.4/56

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.803+/-0.111 χ^2/NDF :167342.8/12

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 104.896+/-0.131 χ^2/NDF :57062.9/10

Left: 97.244+/-0.085 χ^2/NDF : 230210.6/23

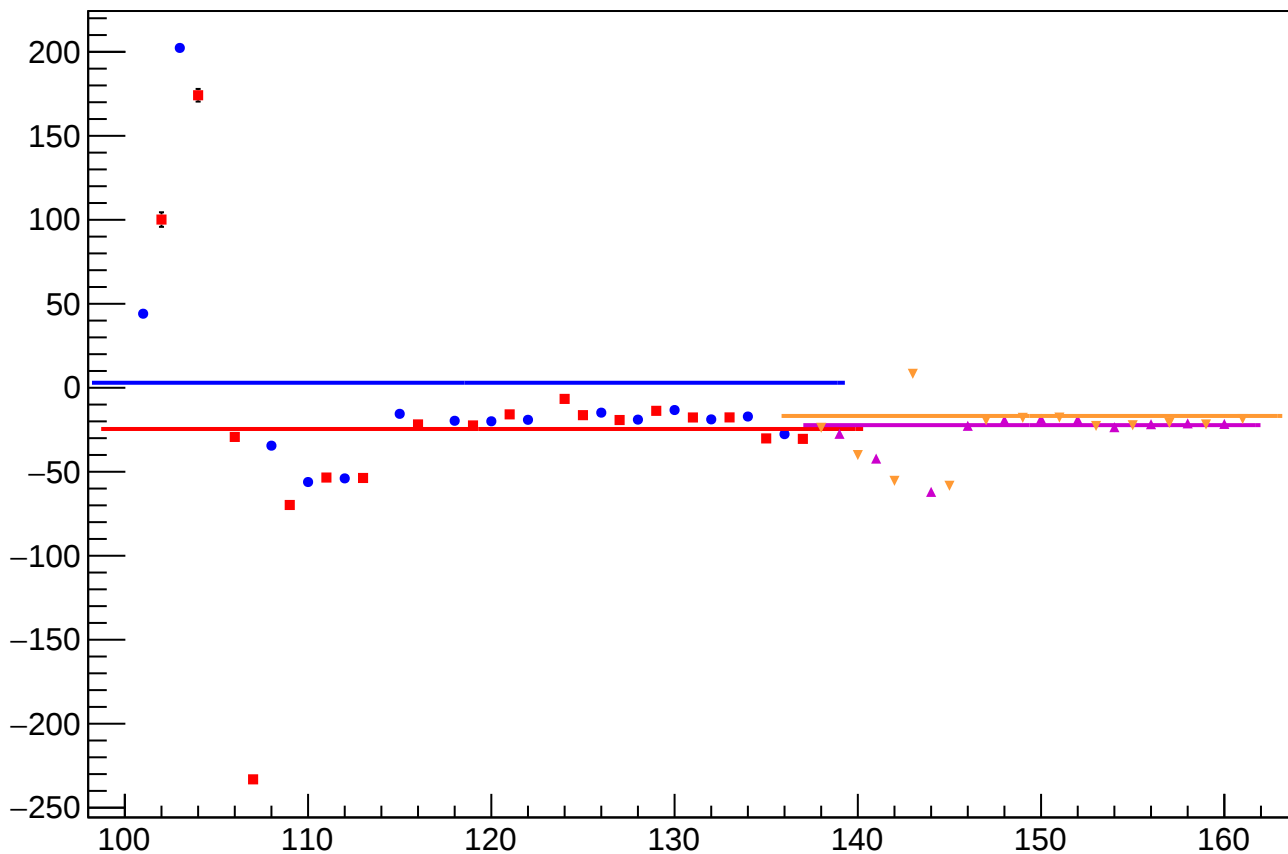
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 68.071+/-0.099 χ^2/NDF :1342694.1/25

Out: 98.265+/-0.097 χ^2/NDF :269200.0/30

All: 83.567+/-0.069 χ^2/NDF : 1659229.5/56

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.771 ± 0.015 $\chi^2/\text{NDF}: 568625.9/12$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.242 ± 0.019 $\chi^2/\text{NDF}: 117478.7/10$

Left: -18.910 ± 0.012 $\chi^2/\text{NDF}: 736371.0/23$

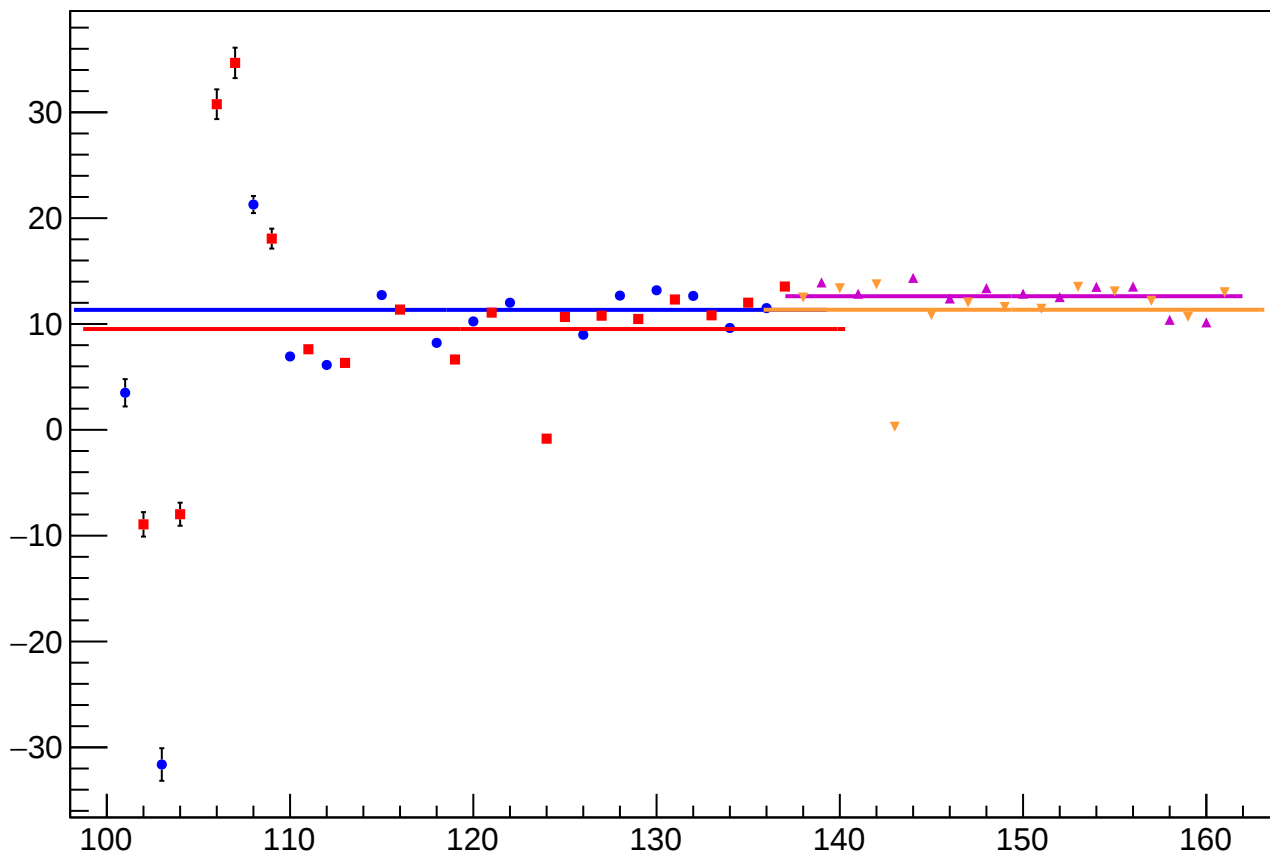
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -13.812 ± 0.016 $\chi^2/\text{NDF}: 4200759.8/25$

Out: -17.617 ± 0.014 $\chi^2/\text{NDF}: 773316.1/30$

All: -15.859 ± 0.011 $\chi^2/\text{NDF}: 5006338.2/56$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.344 $\pm$ 0.020 χ^2 /NDF:28354.2/12

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.625 $\pm$ 0.018 χ^2 /NDF:4529.0/10

Left: 12.064 $\pm$ 0.013 χ^2 /NDF: 35148.7/23

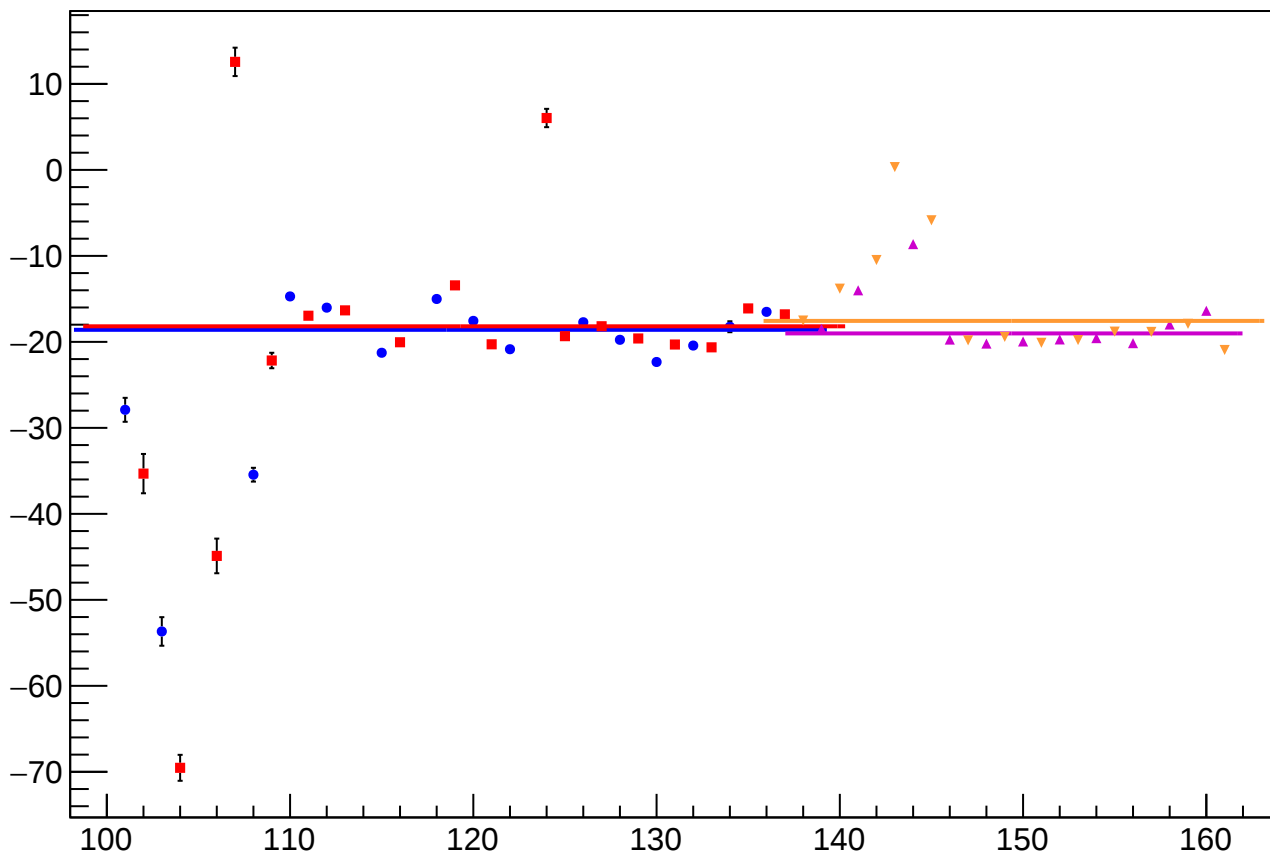
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.386 $\pm$ 0.016 χ^2 /NDF:7907.2/25

Out: 11.071 $\pm$ 0.019 χ^2 /NDF:33642.7/30

All: 11.824 $\pm$ 0.012 χ^2 /NDF: 44411.1/56

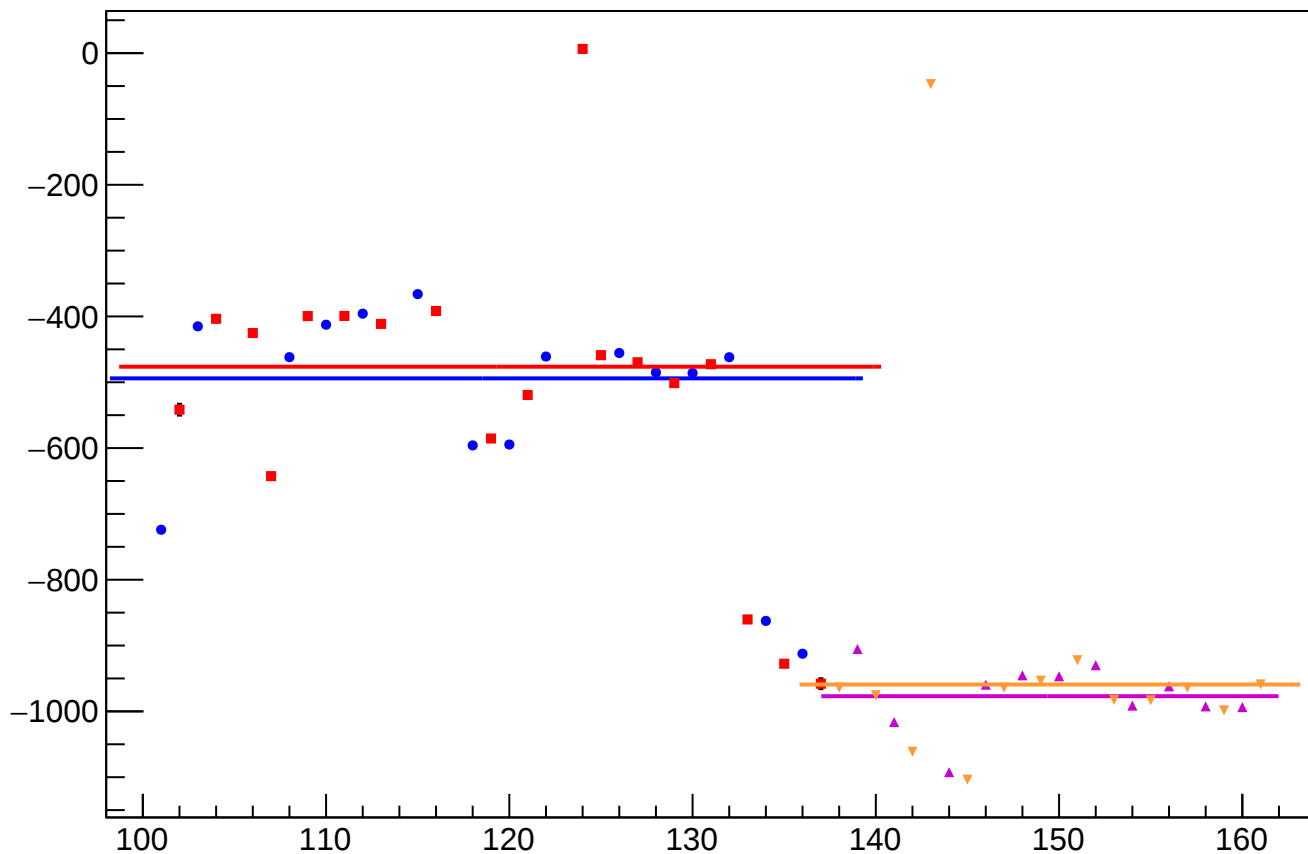
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -17.560 ± 0.022 χ^2/NDF : 45541.3/12
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.016 ± 0.020 χ^2/NDF : 8104.5/10

Left: -18.346 ± 0.015 χ^2/NDF : 56025.5/23
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.920 ± 0.018 χ^2/NDF : 14391.7/25
 Out: -17.664 ± 0.020 χ^2/NDF : 50557.6/30
 All: -18.367 ± 0.013 χ^2/NDF : 67148.8/56

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -959.174 ± 0.223 $\chi^2/\text{NDF}: 312167.8/12$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -976.961 ± 0.210 $\chi^2/\text{NDF}: 22835.8/10$

Left: -968.611 ± 0.153 $\chi^2/\text{NDF}: 338375.7/23$

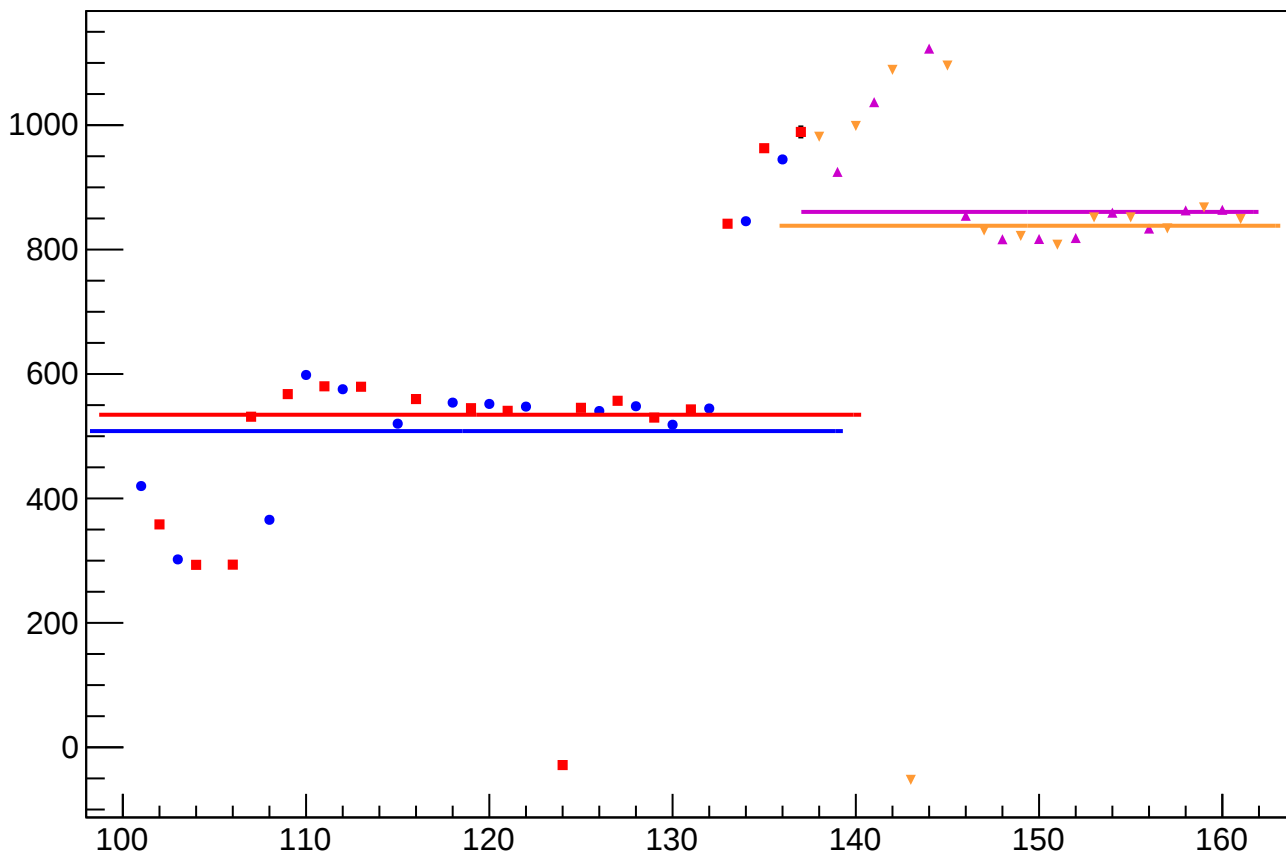
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -759.762 ± 0.156 $\chi^2/\text{NDF}: 2730364.8/25$

Out: -673.229 ± 0.142 $\chi^2/\text{NDF}: 3679919.7/30$

All: -712.674 ± 0.105 $\chi^2/\text{NDF}: 6578451.2/56$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 838.306 $\pm$ 0.174 χ^2 /NDF: 413841.0/12

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 860.546 $\pm$ 0.180 χ^2 /NDF: 86301.7/10

Left: 849.015 $\pm$ 0.125 χ^2 /NDF: 508036.6/23

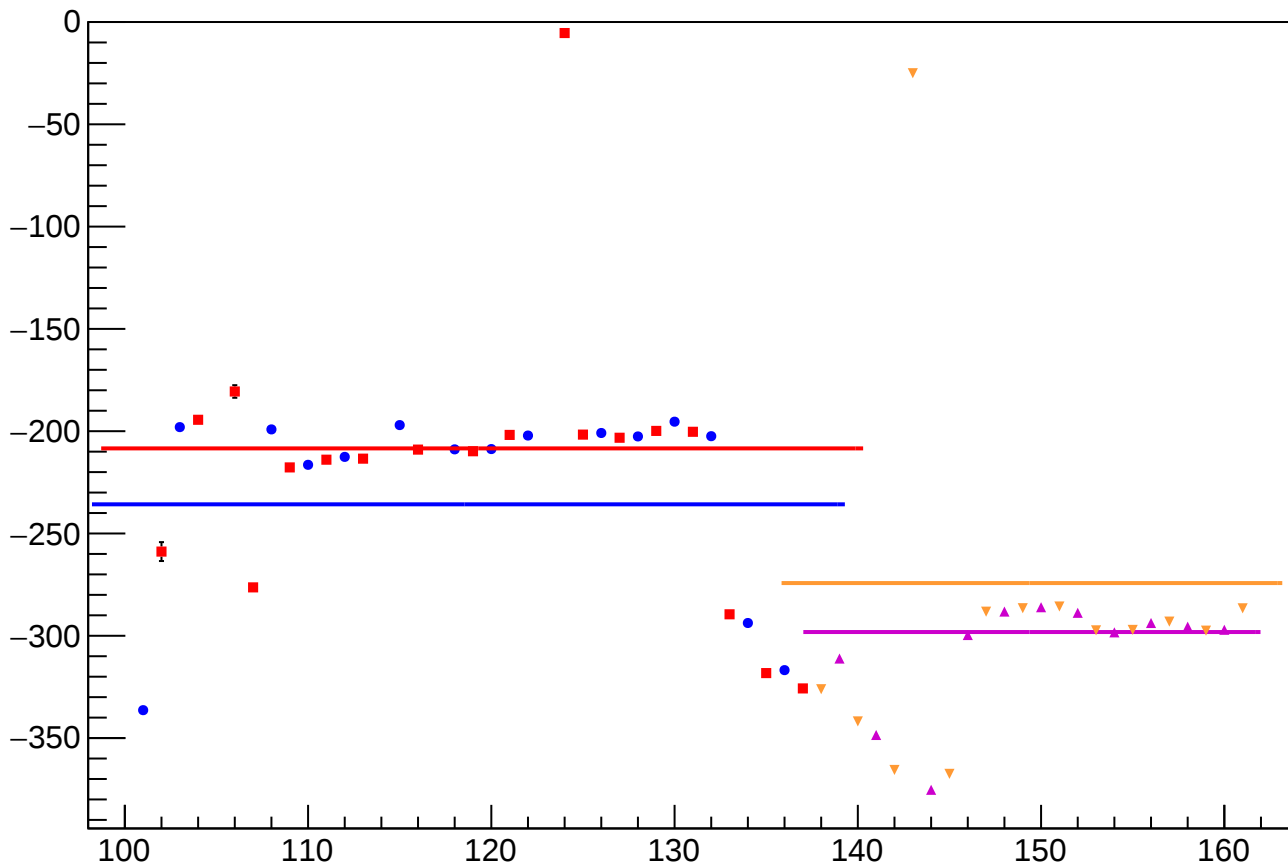
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 720.347 $\pm$ 0.140 χ^2 /NDF: 2046242.8/25

Out: 719.799 $\pm$ 0.136 χ^2 /NDF: 1975319.5/30

All: 720.065 $\pm$ 0.097 χ^2 /NDF: 4021570.2/56

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -274.235 ± 0.028 $\chi^2/\text{NDF}: 6316437.1/12$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -298.170 ± 0.030 $\chi^2/\text{NDF}: 227089.2/10$

Left: -285.419 ± 0.021 $\chi^2/\text{NDF}: 6882523.8/23$

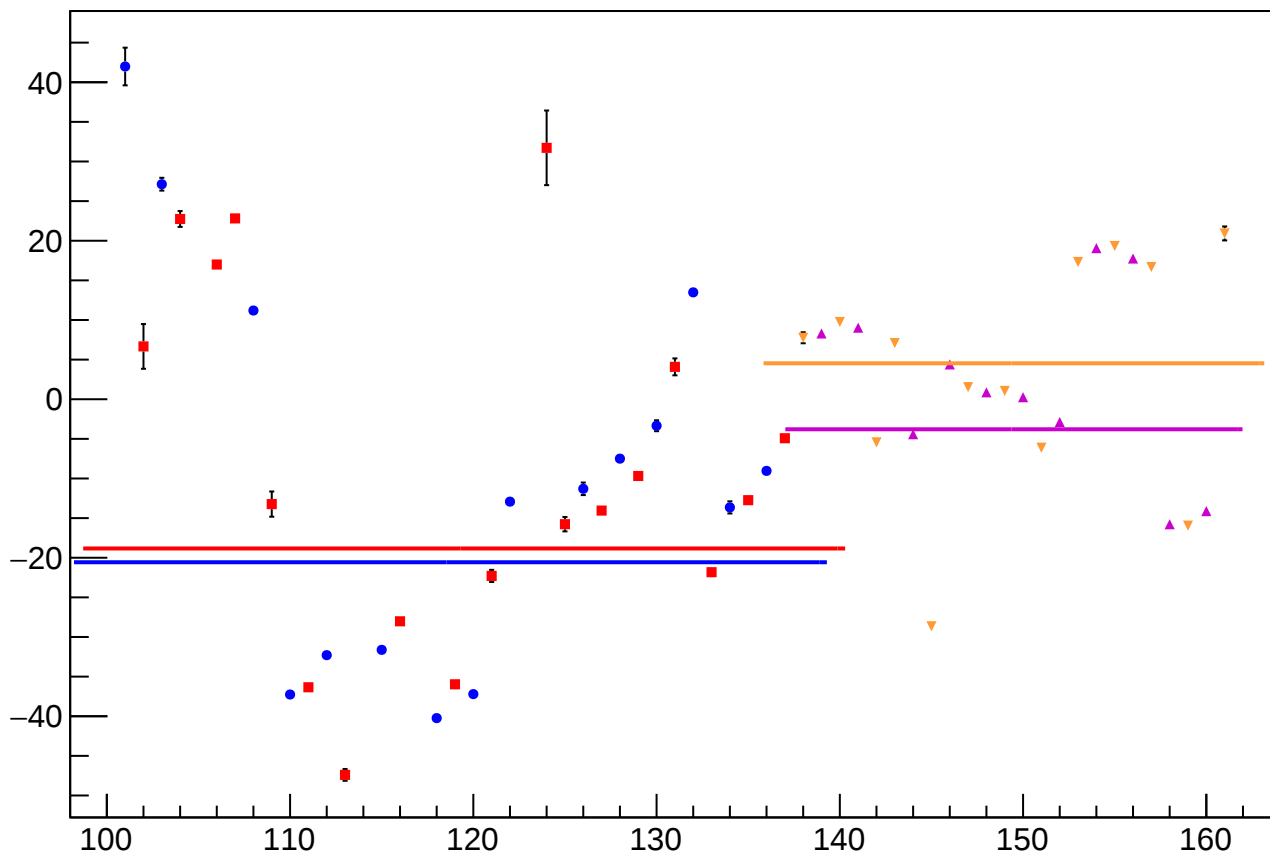
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -283.942 ± 0.026 $\chi^2/\text{NDF}: 2089776.2/25$

Out: -256.761 ± 0.024 $\chi^2/\text{NDF}: 8147867.5/30$

All: -269.126 ± 0.018 $\chi^2/\text{NDF}: 10817027.6/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.537 ± 0.032 χ^2/NDF : 156098.4/12

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: -3.789 ± 0.024 χ^2/NDF : 261291.0/10

Left: -0.760 ± 0.019 χ^2/NDF : 460411.3/23

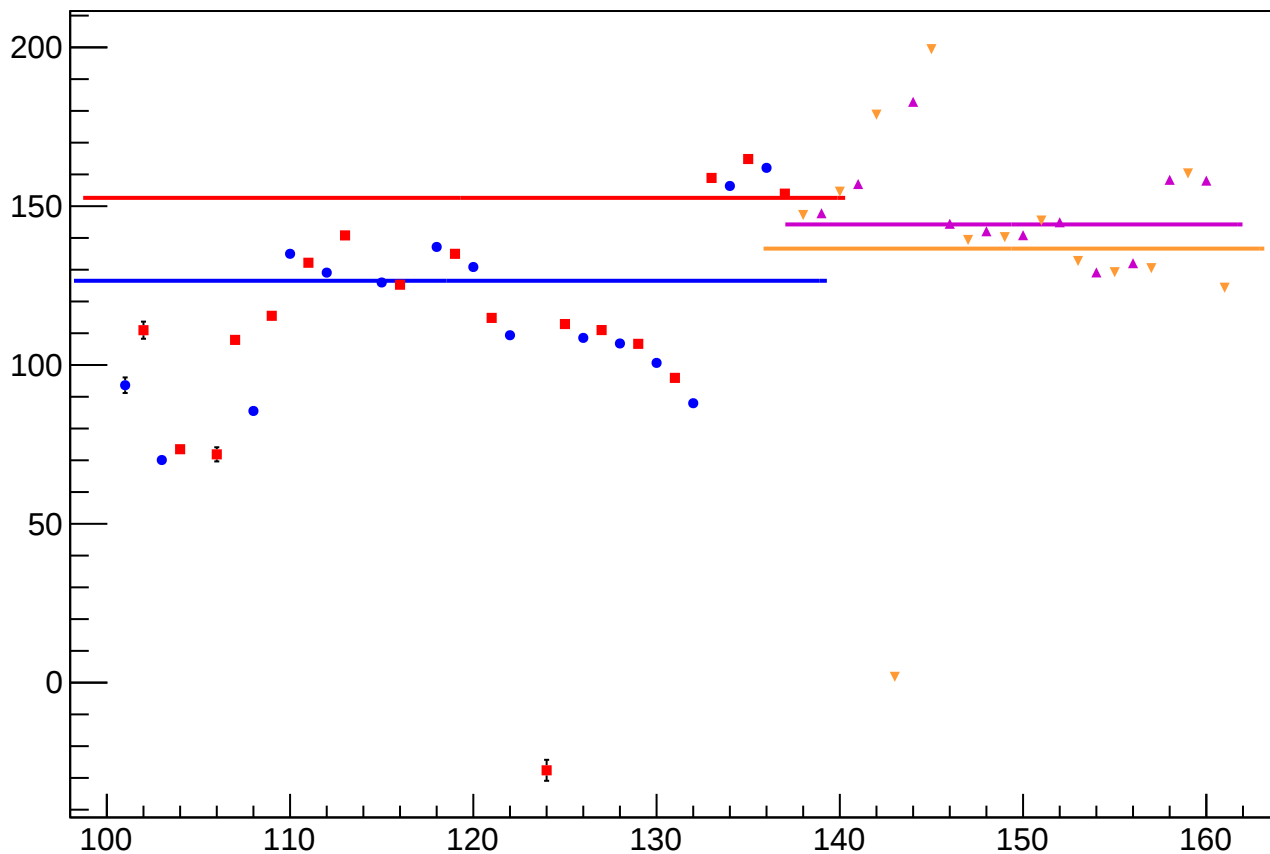
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -5.523 ± 0.023 χ^2/NDF : 374306.6/25

Out: 2.649 ± 0.031 χ^2/NDF : 219981.4/30

All: -2.596 ± 0.018 χ^2/NDF : 639778.3/56

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 ± 0.084 $\chi^2/\text{NDF}: 114967.3/14$

Left Out: 136.646 ± 0.042 $\chi^2/\text{NDF}: 440457.5/12$

Right Out: 152.620 ± 0.030 $\chi^2/\text{NDF}: 74022.9/17$

Left In: 144.256 ± 0.033 $\chi^2/\text{NDF}: 117757.7/10$

Left: 141.303 ± 0.026 $\chi^2/\text{NDF}: 578647.6/23$

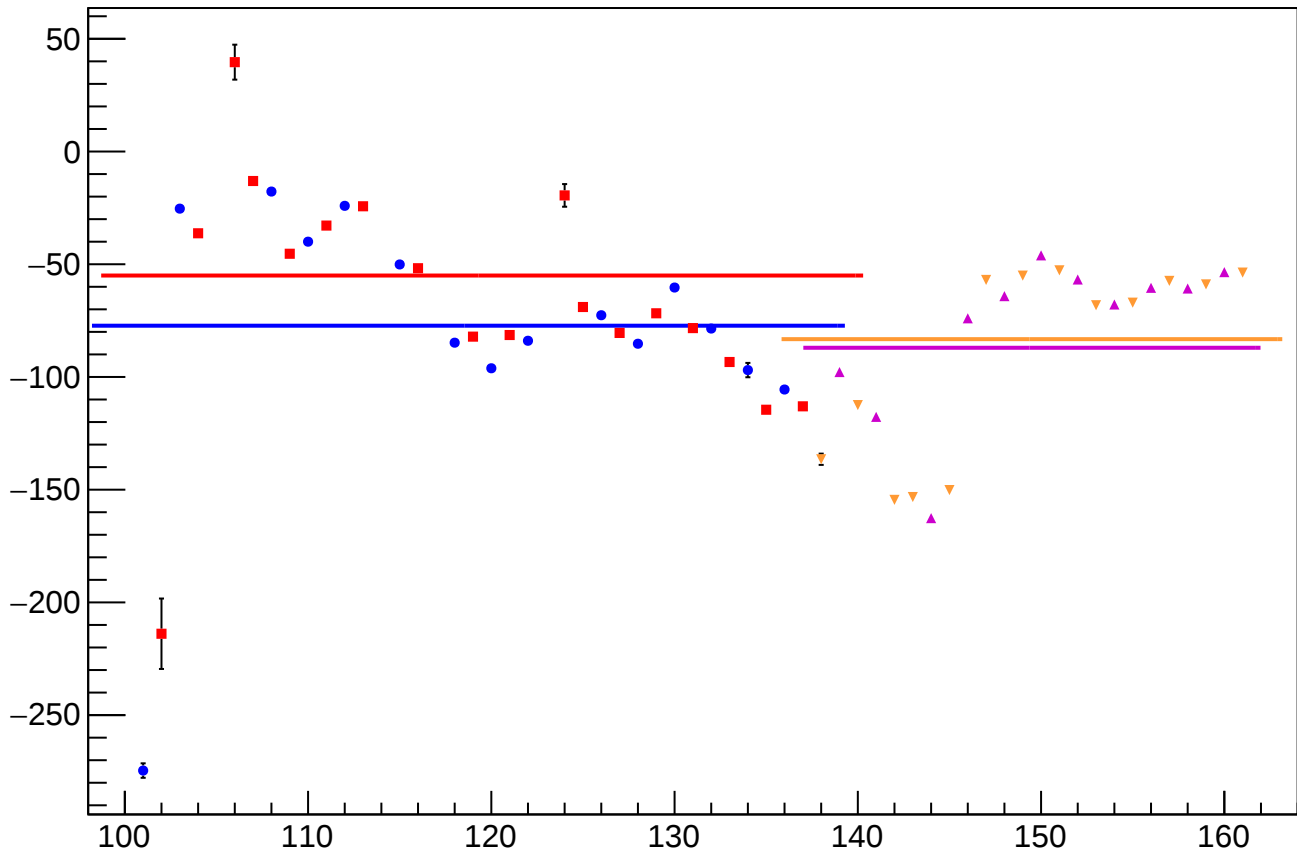
Right: 149.605 ± 0.029 $\chi^2/\text{NDF}: 274404.9/32$

In: 141.863 ± 0.031 $\chi^2/\text{NDF}: 271307.4/25$

Out: 147.079 ± 0.025 $\chi^2/\text{NDF}: 610564.3/30$

All: 145.059 ± 0.019 $\chi^2/\text{NDF}: 899381.4/56$

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -83.228 ± 0.159 $\chi^2/\text{NDF}: 55937.0/12$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -87.048 ± 0.161 $\chi^2/\text{NDF}: 53029.0/10$

Left: -85.109 ± 0.113 $\chi^2/\text{NDF}: 109250.5/23$

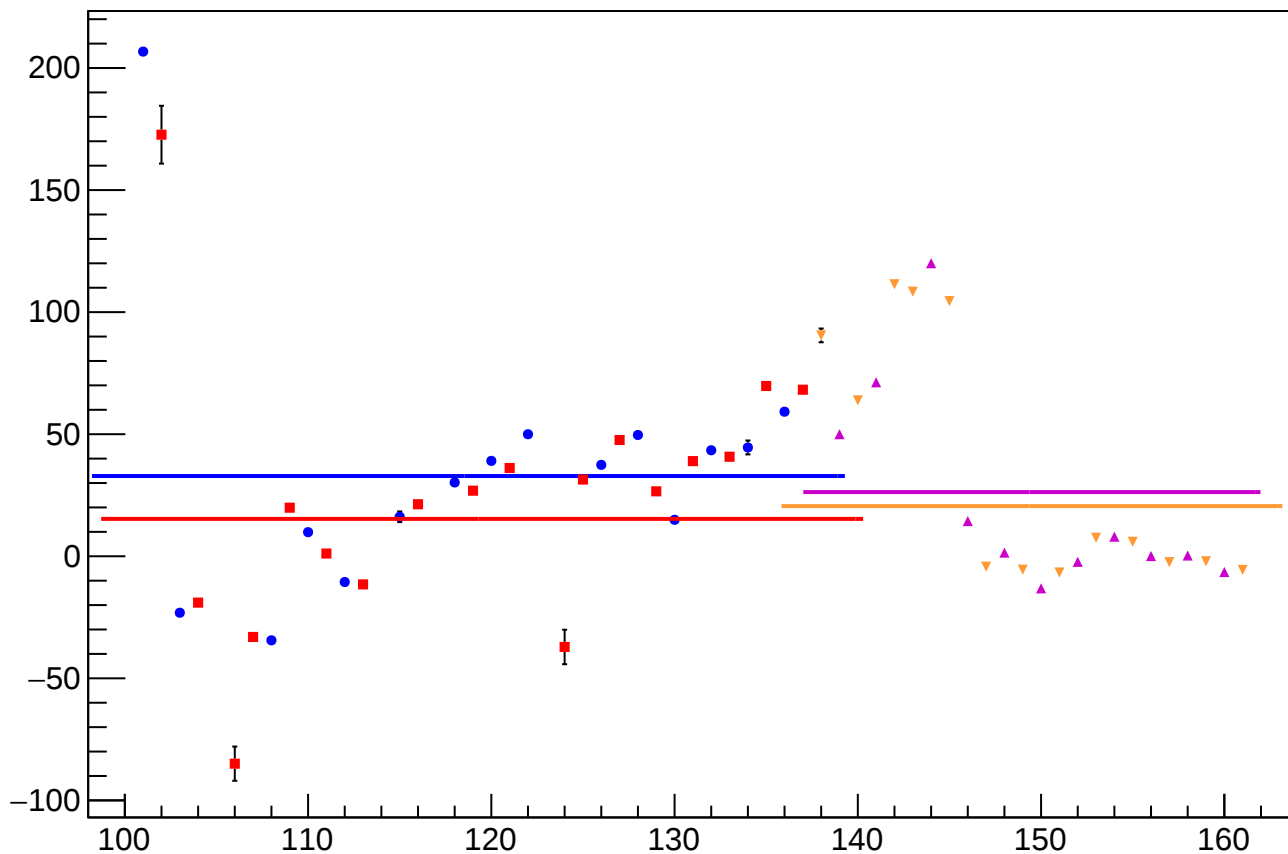
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -81.681 ± 0.108 $\chi^2/\text{NDF}: 85402.5/25$

Out: -71.627 ± 0.122 $\chi^2/\text{NDF}: 92524.7/30$

All: -77.242 ± 0.081 $\chi^2/\text{NDF}: 181721.7/56$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 20.551 ± 0.137 $\chi^2/\text{NDF}: 88393.6/12$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 26.292 ± 0.143 $\chi^2/\text{NDF}: 81416.1/10$

Left: 23.310 ± 0.099 $\chi^2/\text{NDF}: 170651.3/23$

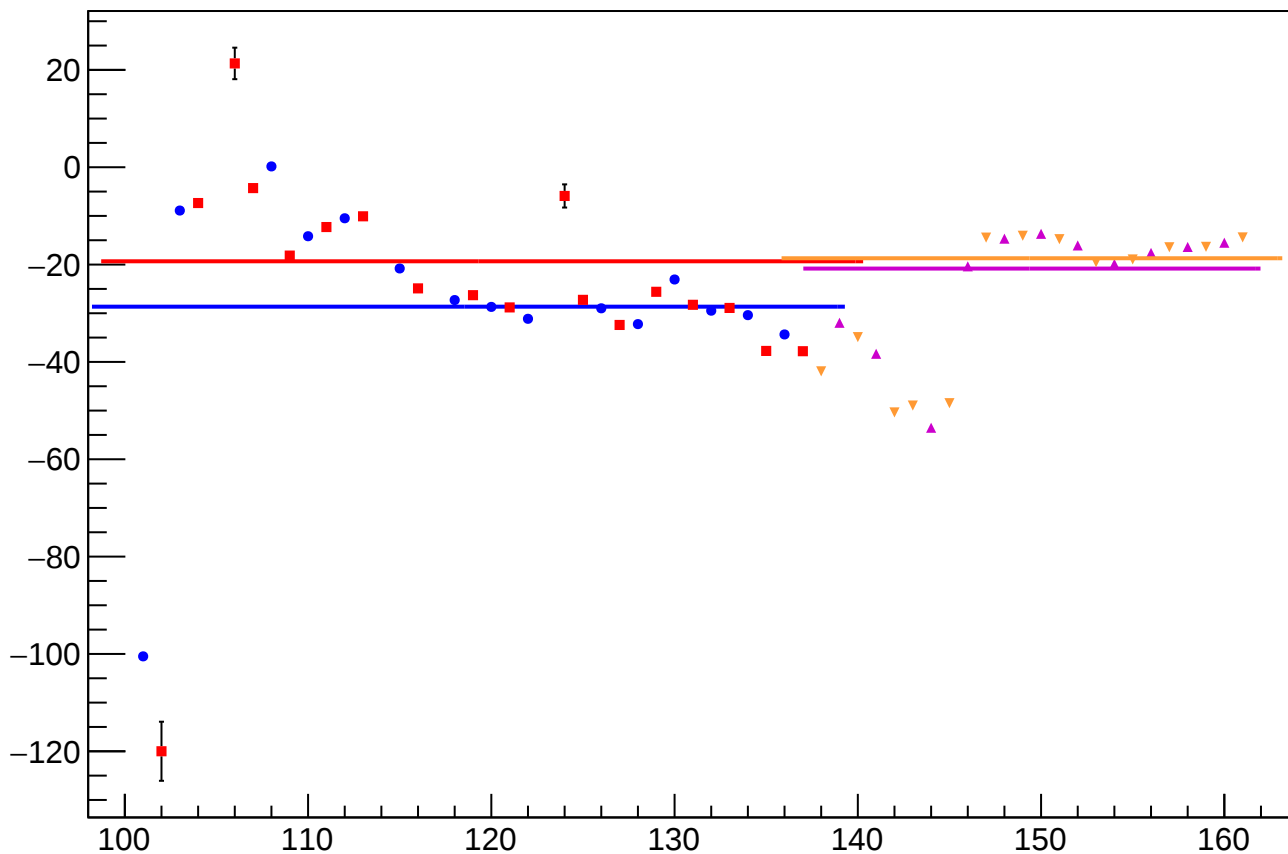
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 29.504 ± 0.102 $\chi^2/\text{NDF}: 113847.7/25$

Out: 18.979 ± 0.115 $\chi^2/\text{NDF}: 105577.2/30$

All: 24.859 ± 0.076 $\chi^2/\text{NDF}: 224120.0/56$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.701 ± 0.017 χ^2/NDF : 222988.8/12

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -20.821 ± 0.020 χ^2/NDF : 179918.7/10

Left: -19.595 ± 0.013 χ^2/NDF : 409108.7/23

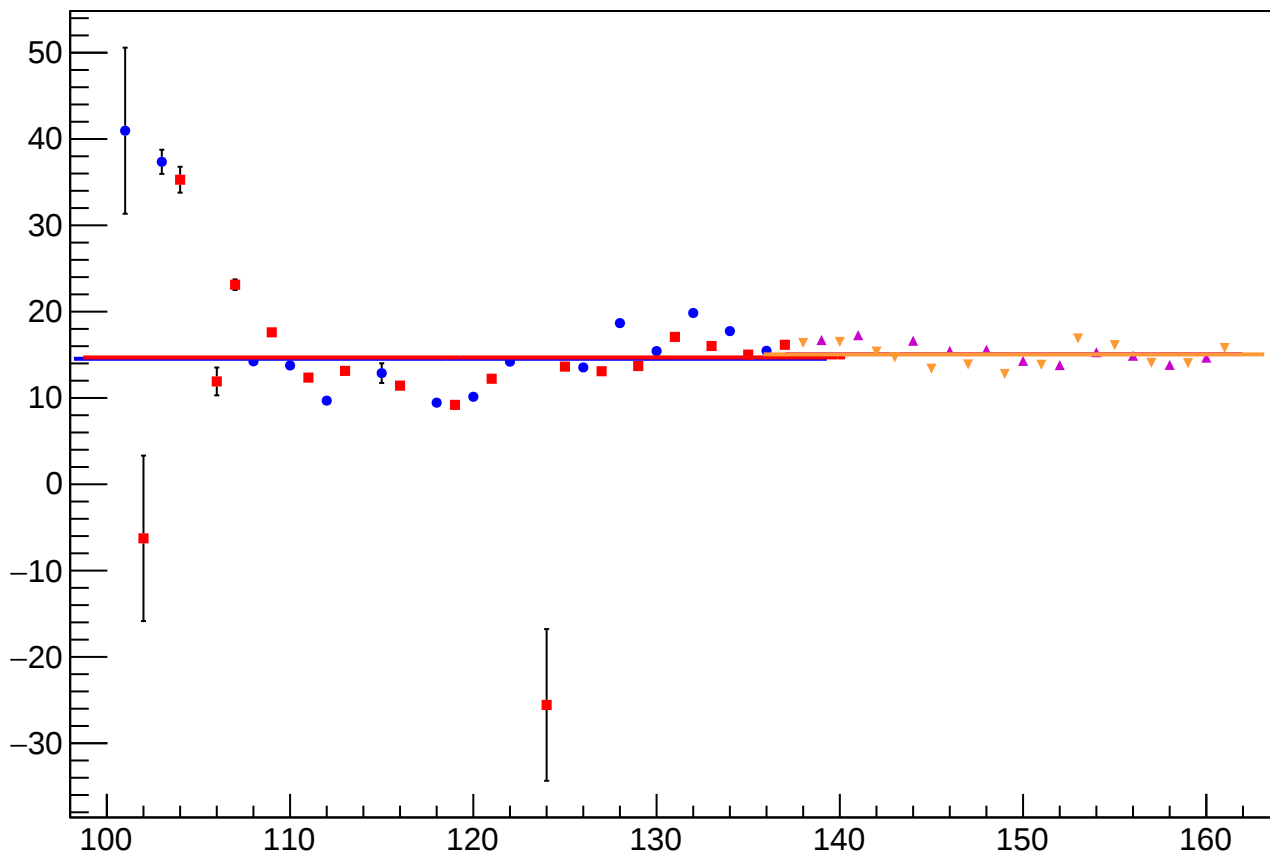
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -22.881 ± 0.018 χ^2/NDF : 331800.6/25

Out: -18.804 ± 0.016 χ^2/NDF : 279777.5/30

All: -20.648 ± 0.012 χ^2/NDF : 641037.0/56

dit_attr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.049+/-0.018 χ^2/NDF : 5017.2/12

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.082+/-0.018 χ^2/NDF : 3476.8/10

Left: 15.066+/-0.013 χ^2/NDF : 8495.7/23

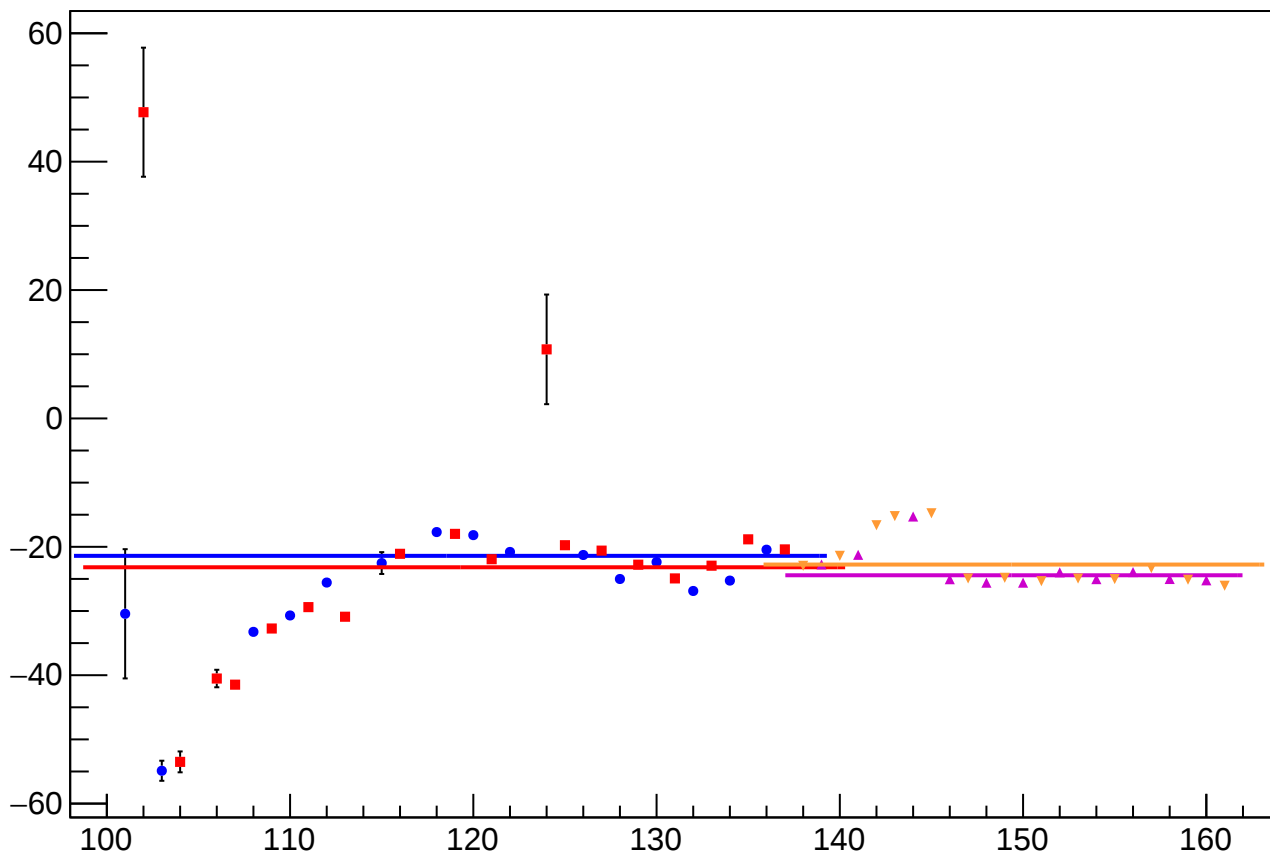
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.937+/-0.015 χ^2/NDF : 15792.0/25

Out: 14.996+/-0.017 χ^2/NDF : 6706.4/30

All: 14.964+/-0.011 χ^2/NDF : 22505.0/56

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.763 ± 0.023 $\chi^2/\text{NDF}: 28300.6/12$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.432 ± 0.020 $\chi^2/\text{NDF}: 7685.3/10$

Left: -23.687 ± 0.015 $\chi^2/\text{NDF}: 38999.4/23$

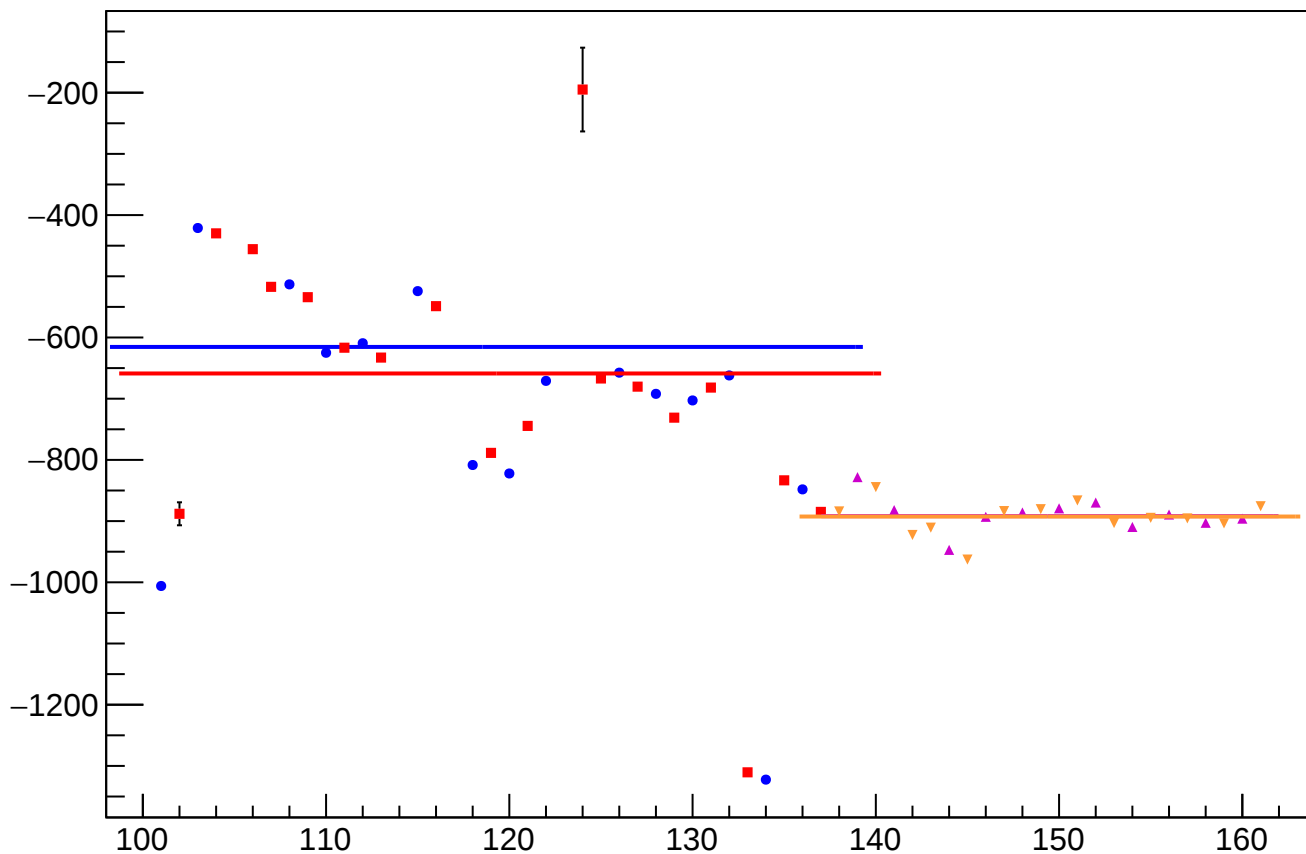
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.688 ± 0.018 $\chi^2/\text{NDF}: 22828.0/25$

Out: -22.833 ± 0.021 $\chi^2/\text{NDF}: 37484.6/30$

All: -23.328 ± 0.013 $\chi^2/\text{NDF}: 61303.4/56$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 $\pm$ 0.238 χ^2/NDF : 382819.1/14

Left Out: -892.525 $\pm$ 0.178 χ^2/NDF : 12215.2/12

Right Out: -658.787 $\pm$ 0.256 χ^2/NDF : 385262.6/17

Left In: -891.877 $\pm$ 0.159 χ^2/NDF : 13057.4/10

Left: -892.164 $\pm$ 0.119 χ^2/NDF : 25280.0/23

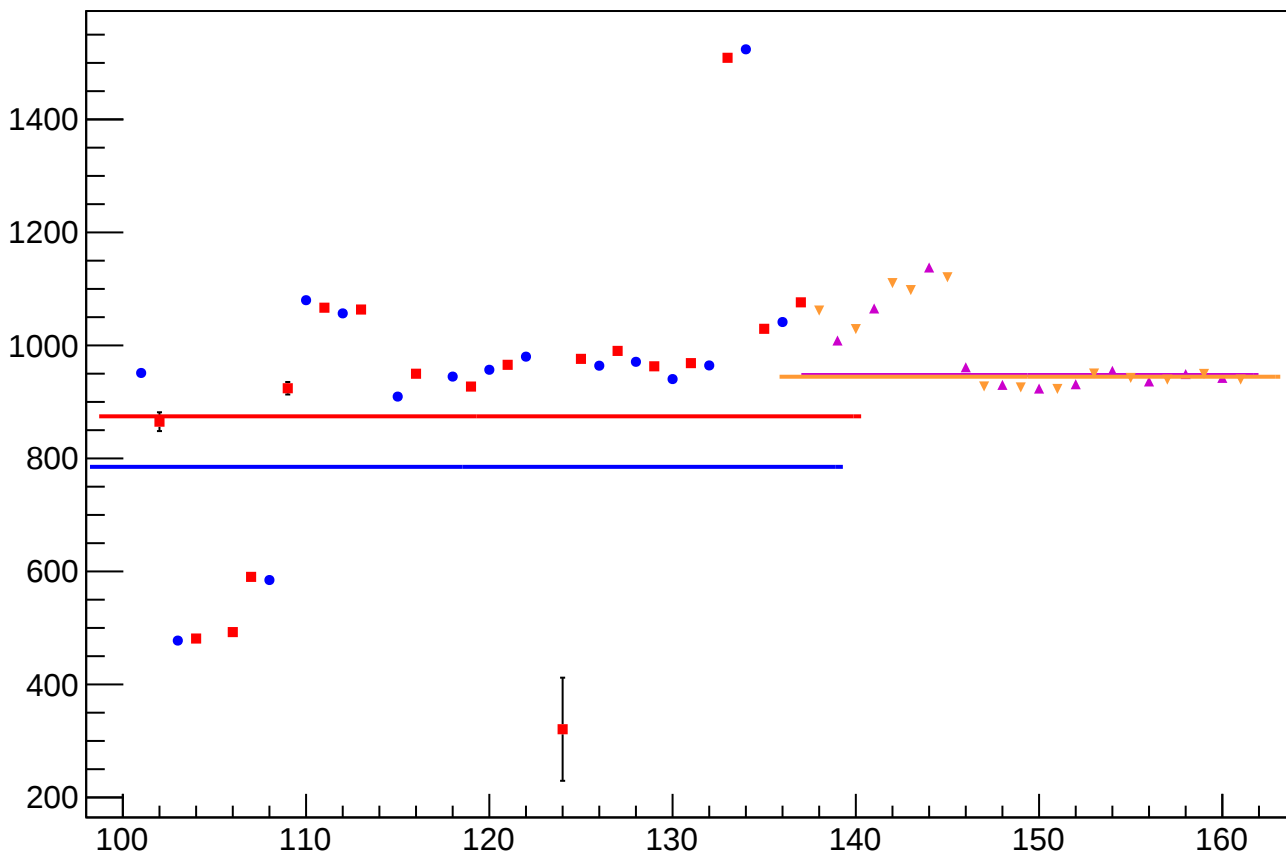
Right: -635.464 $\pm$ 0.174 χ^2/NDF : 783480.4/32

In: -806.611 $\pm$ 0.132 χ^2/NDF : 1332138.3/25

Out: -816.352 $\pm$ 0.146 χ^2/NDF : 958144.3/30

All: -810.980 $\pm$ 0.098 χ^2/NDF : 2292727.0/56

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 944.590 $\pm$ 0.142 χ^2 /NDF: 68258.9/12

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 947.623 $\pm$ 0.131 χ^2 /NDF: 73913.6/10

Left: 946.227 $\pm$ 0.096 χ^2 /NDF: 142418.0/23

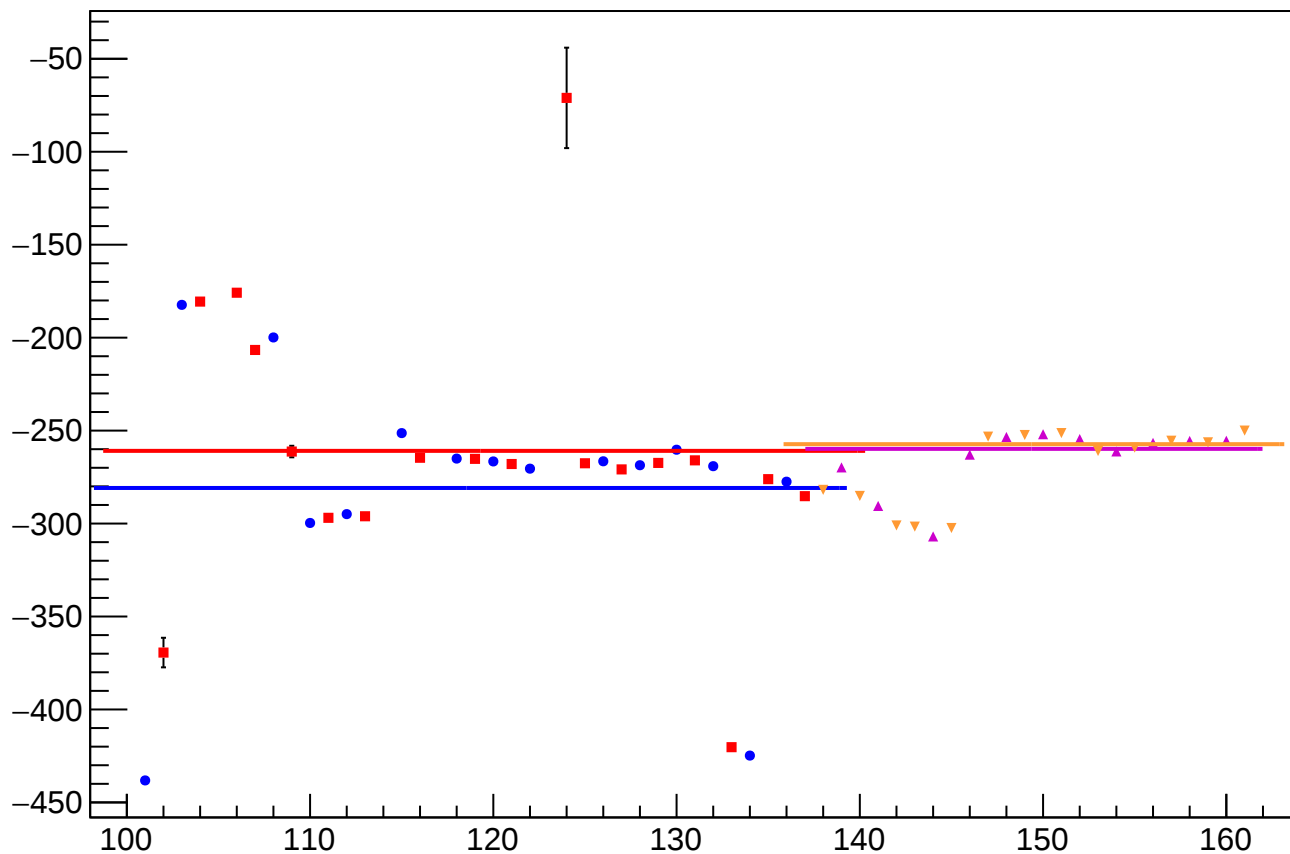
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 907.133 $\pm$ 0.114 χ^2 /NDF: 1341482.6/25

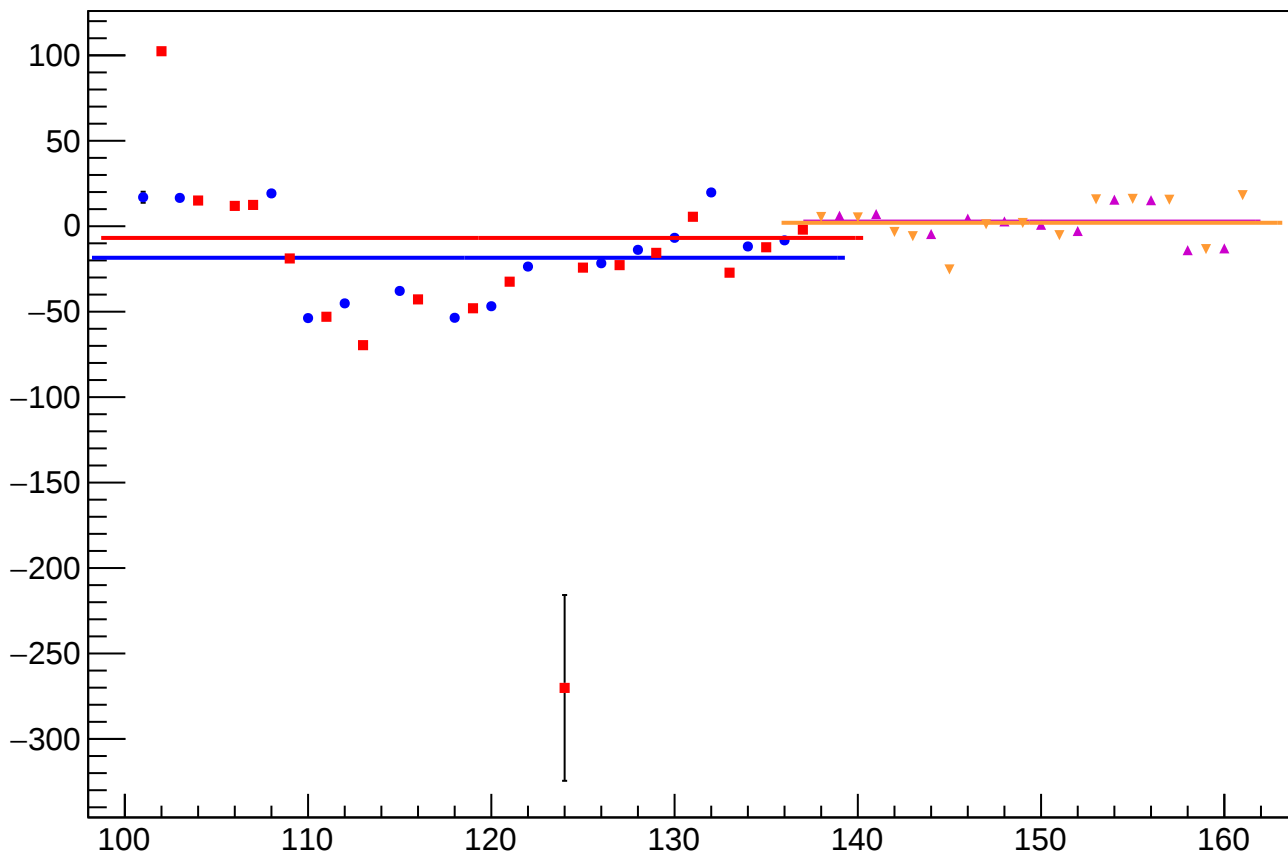
Out: 928.570 $\pm$ 0.125 χ^2 /NDF: 966318.1/30

All: 916.858 $\pm$ 0.084 χ^2 /NDF: 2323892.2/56

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Left: 2.446 ± 0.018 $\chi^2/\text{NDF} = 445364.6/23$

Right: -10.715 ± 0.053 $\chi^2/\text{NDF} = 107378.5/32$

In: 1.409 ± 0.023 $\chi^2/\text{NDF} = 353085.2/25$

Out: 0.545 ± 0.026 $\chi^2/\text{NDF} = 254723.9/30$

All: 1.041 ± 0.017 $\chi^2/\text{NDF} = 608424.0/56$

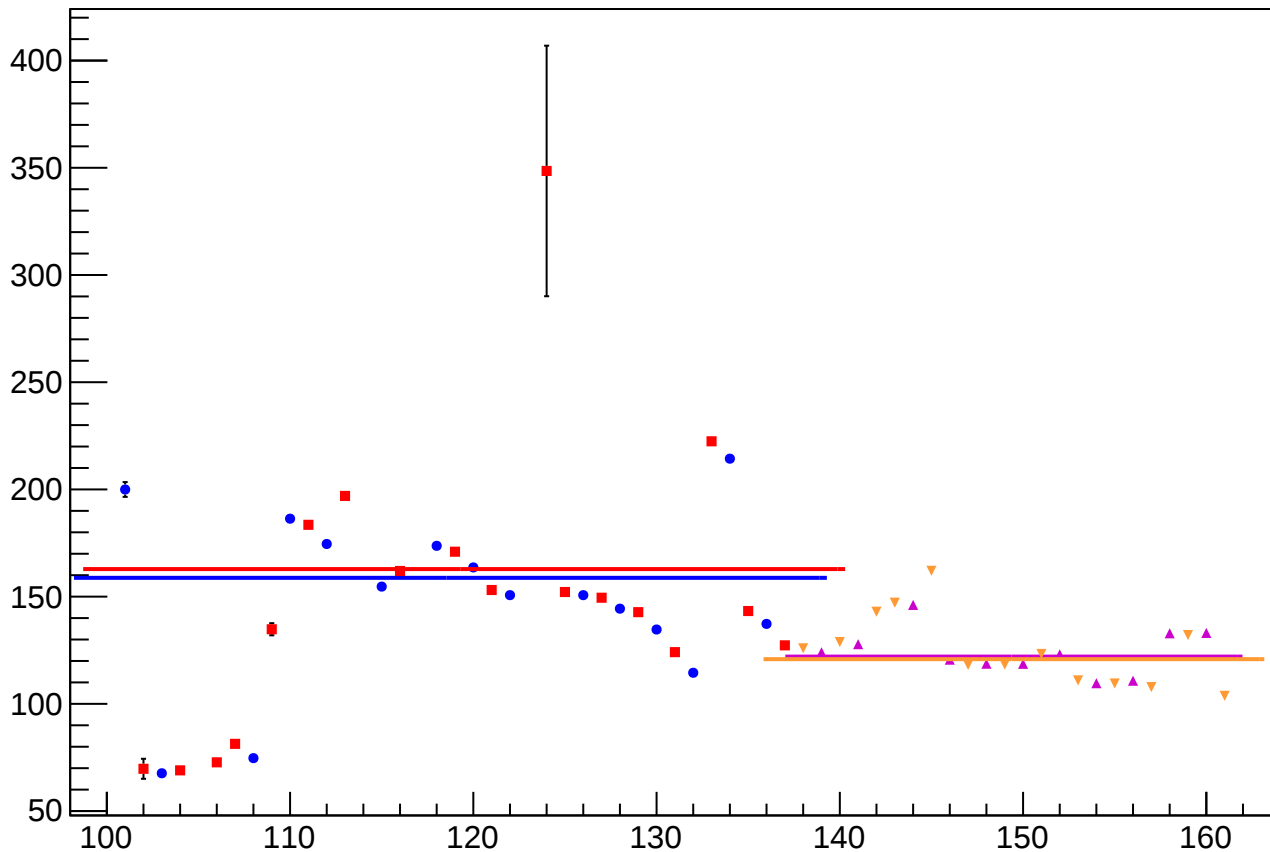
Right In: -18.452 ± 0.091 $\chi^2/\text{NDF} = 46574.6/14$

Left Out: 2.026 ± 0.029 $\chi^2/\text{NDF} = 188987.0/12$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF} = 50023.0/17$

Left In: 2.723 ± 0.023 $\chi^2/\text{NDF} = 256026.4/10$

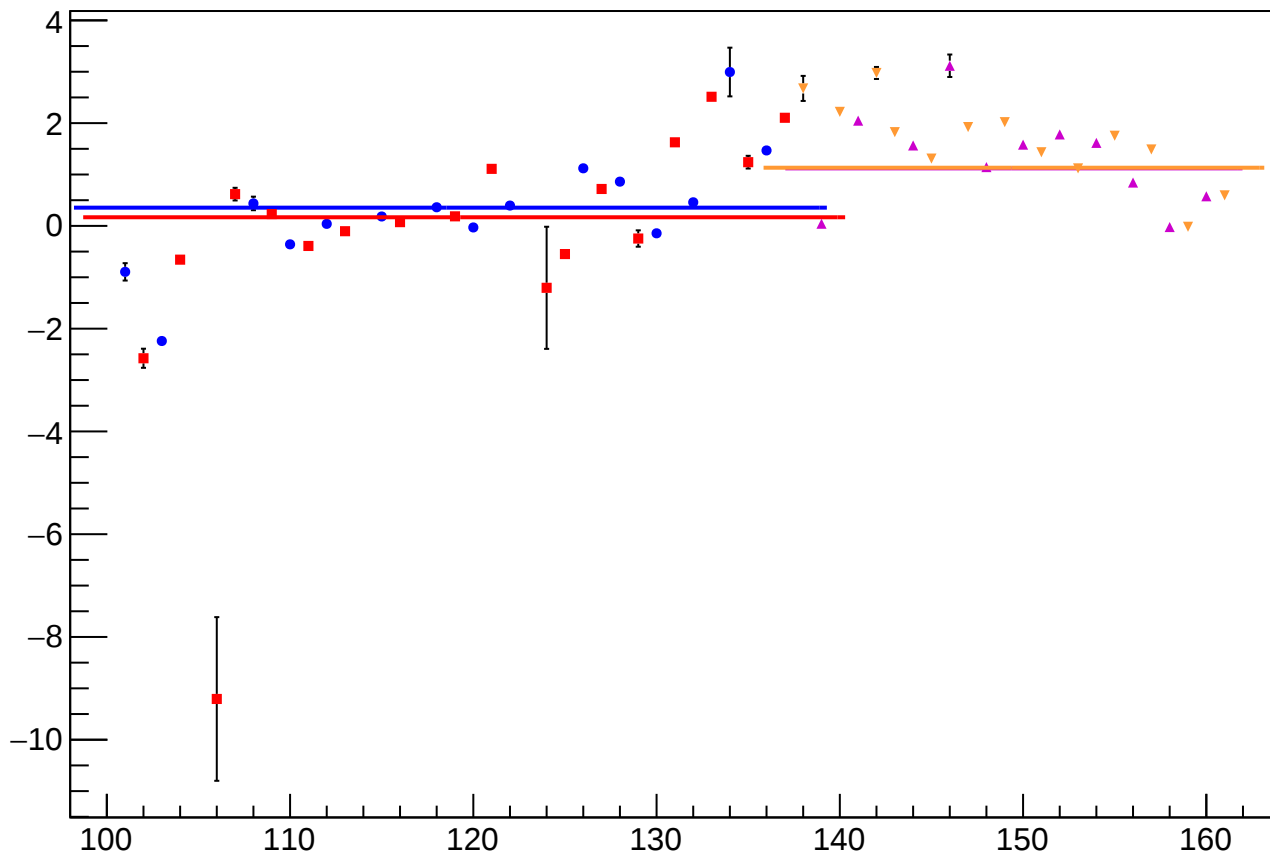
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 120.839 ± 0.034 χ^2/NDF : 103700.9/12
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 122.041 ± 0.030 χ^2/NDF : 96135.3/10

Left: 121.517 ± 0.022 χ^2/NDF : 200553.9/23
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 125.749 ± 0.028 χ^2/NDF : 410694.7/25
 Out: 125.689 ± 0.032 χ^2/NDF : 439402.3/30
 All: 125.722 ± 0.021 χ^2/NDF : 850099.0/56

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.132 ± 0.012 $\chi^2/\text{NDF}: 4754.4/12$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.119 ± 0.009 $\chi^2/\text{NDF}: 6122.7/10$

Left: 1.124 ± 0.007 $\chi^2/\text{NDF}: 10877.9/23$

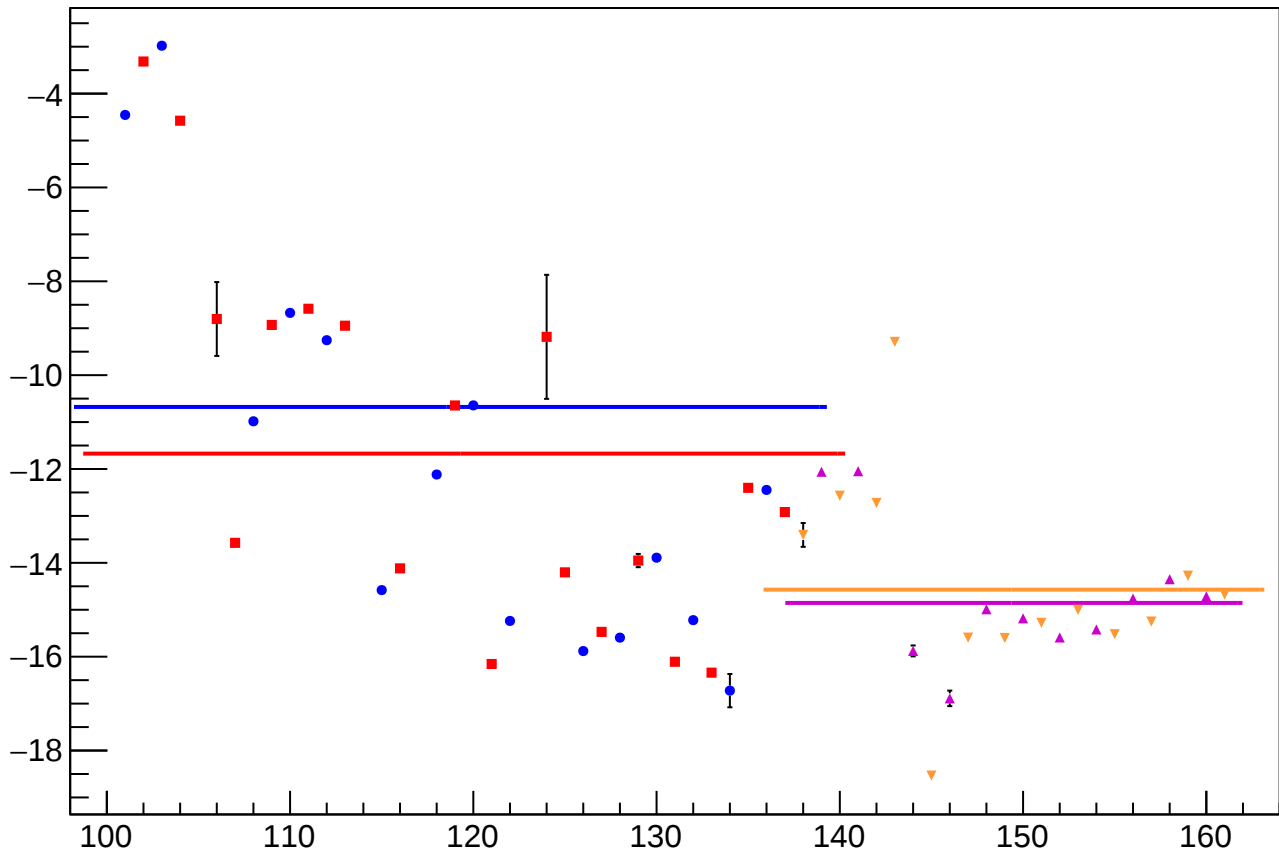
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.837 ± 0.007 $\chi^2/\text{NDF}: 12799.8/25$

Out: 0.437 ± 0.006 $\chi^2/\text{NDF}: 13790.2/30$

All: 0.618 ± 0.005 $\chi^2/\text{NDF}: 28309.5/56$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.571 ± 0.010 $\chi^2/\text{NDF}: 29250.4/12$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.854 ± 0.008 $\chi^2/\text{NDF}: 11372.0/10$

Left: -14.744 ± 0.006 $\chi^2/\text{NDF}: 41104.8/23$

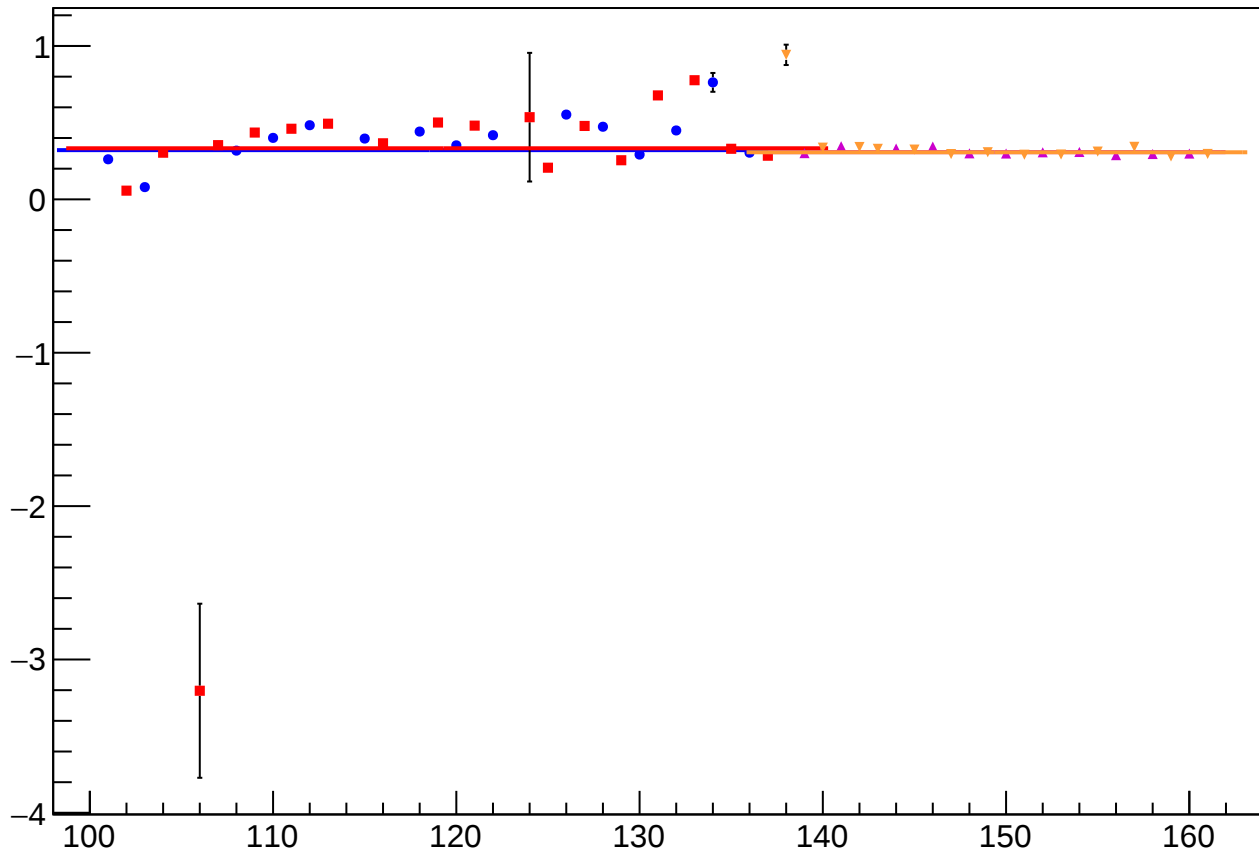
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.272 ± 0.006 $\chi^2/\text{NDF}: 340737.5/25$

Out: -13.329 ± 0.008 $\chi^2/\text{NDF}: 172554.6/30$

All: -13.296 ± 0.005 $\chi^2/\text{NDF}: 513325.2/56$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.307 ± 0.000 $\chi^2/\text{NDF}: 3724.2/12$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.308 ± 0.000 $\chi^2/\text{NDF}: 1972.0/10$

Left: 0.307 ± 0.000 $\chi^2/\text{NDF}: 5700.8/23$

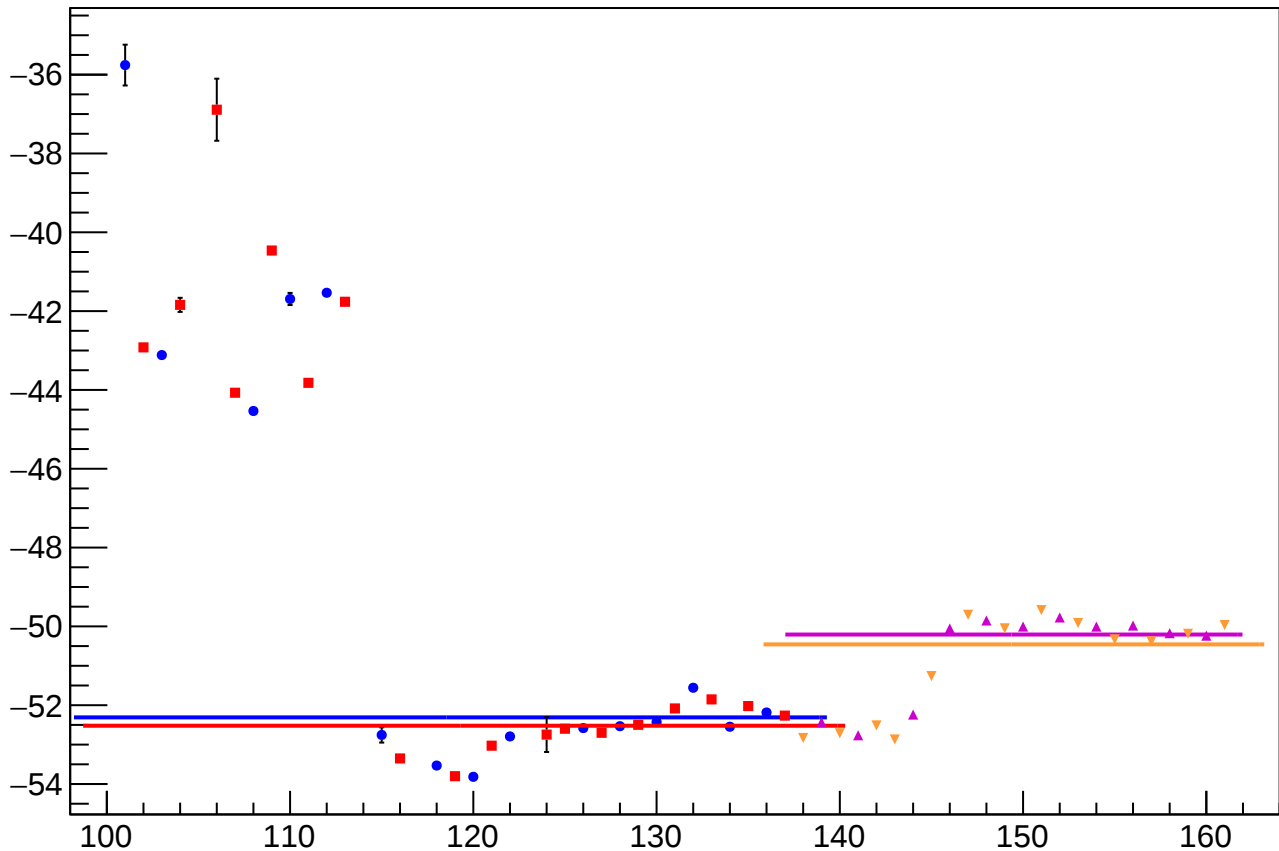
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.309 ± 0.000 $\chi^2/\text{NDF}: 6160.4/25$

Out: 0.309 ± 0.000 $\chi^2/\text{NDF}: 8298.4/30$

All: 0.309 ± 0.000 $\chi^2/\text{NDF}: 14460.4/56$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.457 ± 0.002 $\chi^2/\text{NDF}: 216389.9/12$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.207 ± 0.002 $\chi^2/\text{NDF}: 154991.6/10$

Left: -50.296 ± 0.001 $\chi^2/\text{NDF}: 379370.1/23$

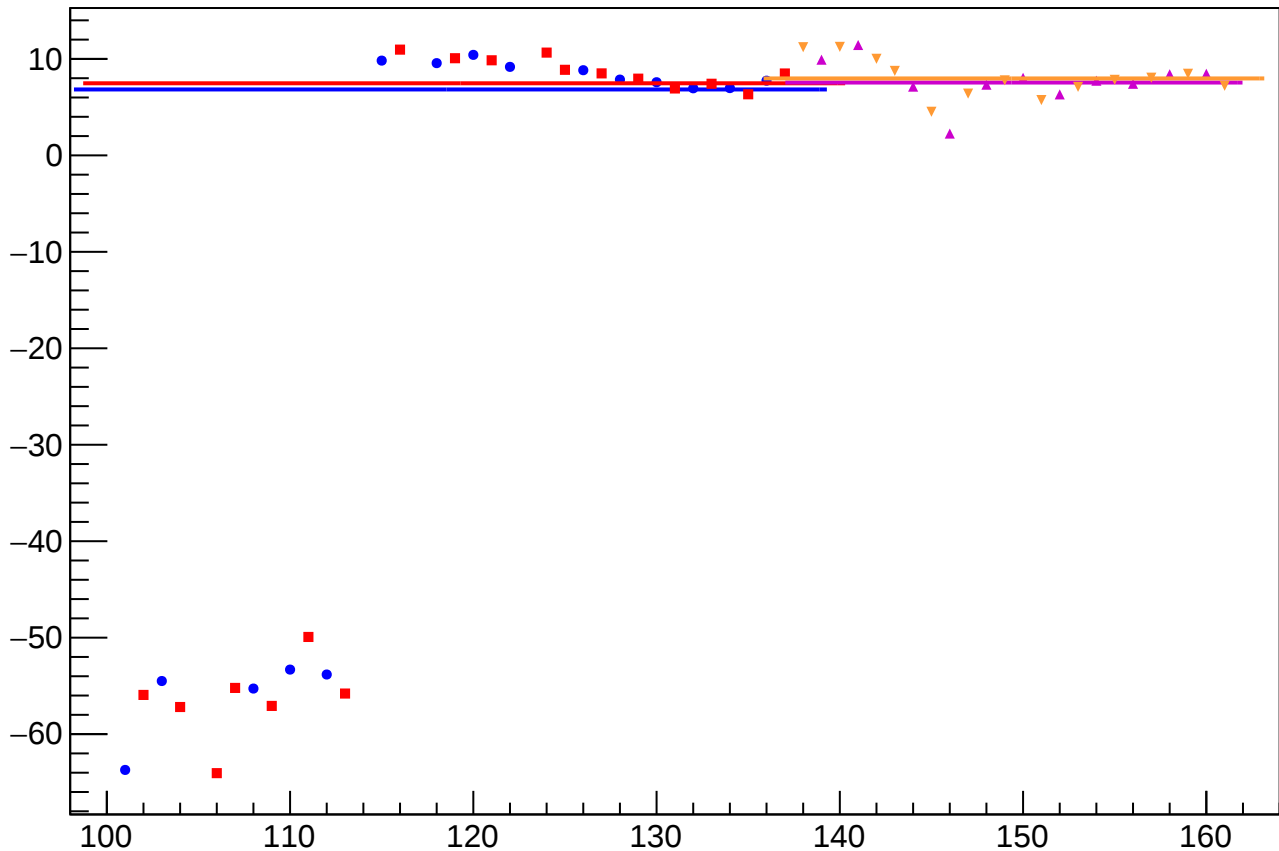
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.471 ± 0.002 $\chi^2/\text{NDF}: 406802.7/25$

Out: -50.850 ± 0.002 $\chi^2/\text{NDF}: 455619.0/30$

All: -50.614 ± 0.001 $\chi^2/\text{NDF}: 884642.4/56$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.977 ± 0.005 $\chi^2/\text{NDF}: 78731.7/12$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.551 ± 0.004 $\chi^2/\text{NDF}: 99330.2/10$

Left: 7.719 ± 0.003 $\chi^2/\text{NDF}: 183128.5/23$

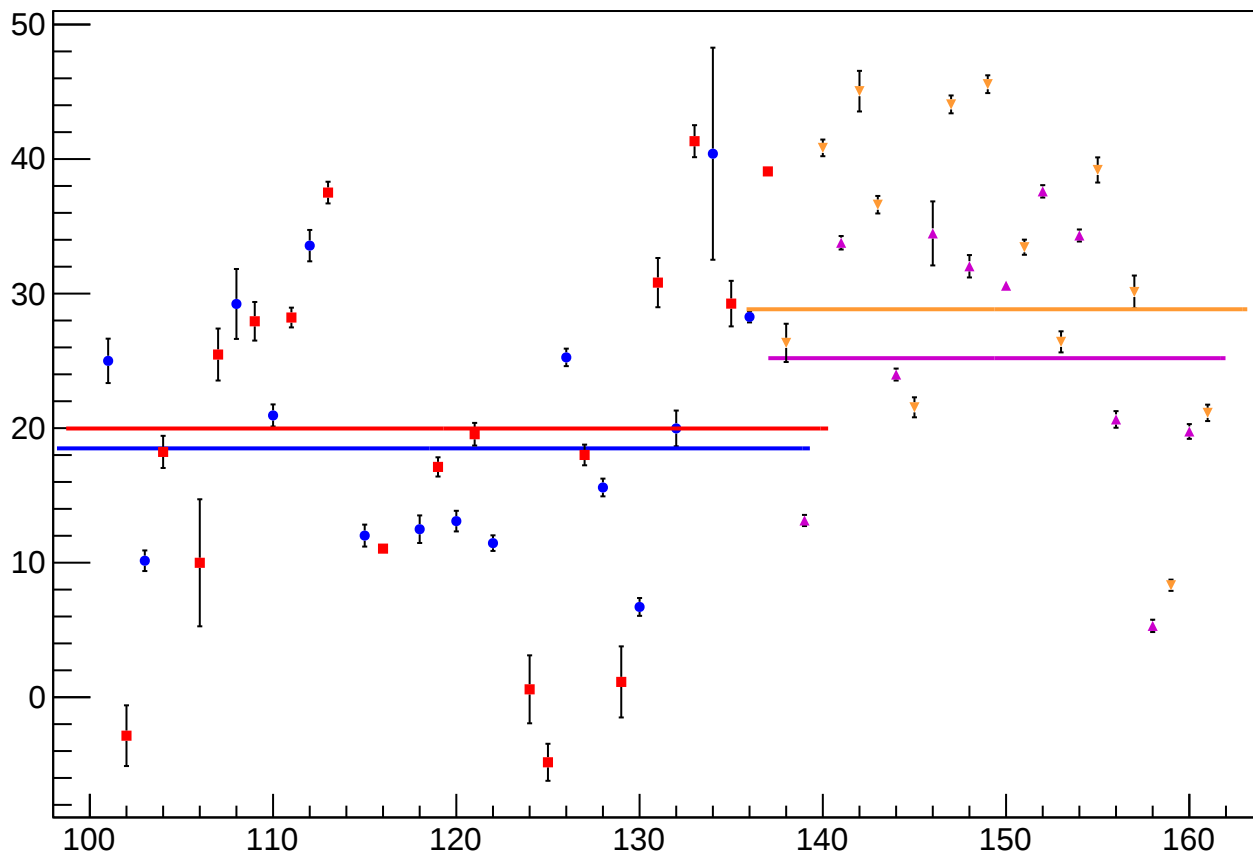
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.295 ± 0.003 $\chi^2/\text{NDF}: 1102822.0/25$

Out: 7.876 ± 0.004 $\chi^2/\text{NDF}: 1276571.5/30$

All: 7.496 ± 0.002 $\chi^2/\text{NDF}: 2392137.4/56$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 28.836 ± 0.191 χ^2/NDF : 4674.9/12

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 25.200 ± 0.147 χ^2/NDF : 4679.5/10

Left: 26.547 ± 0.116 χ^2/NDF : 9581.6/23

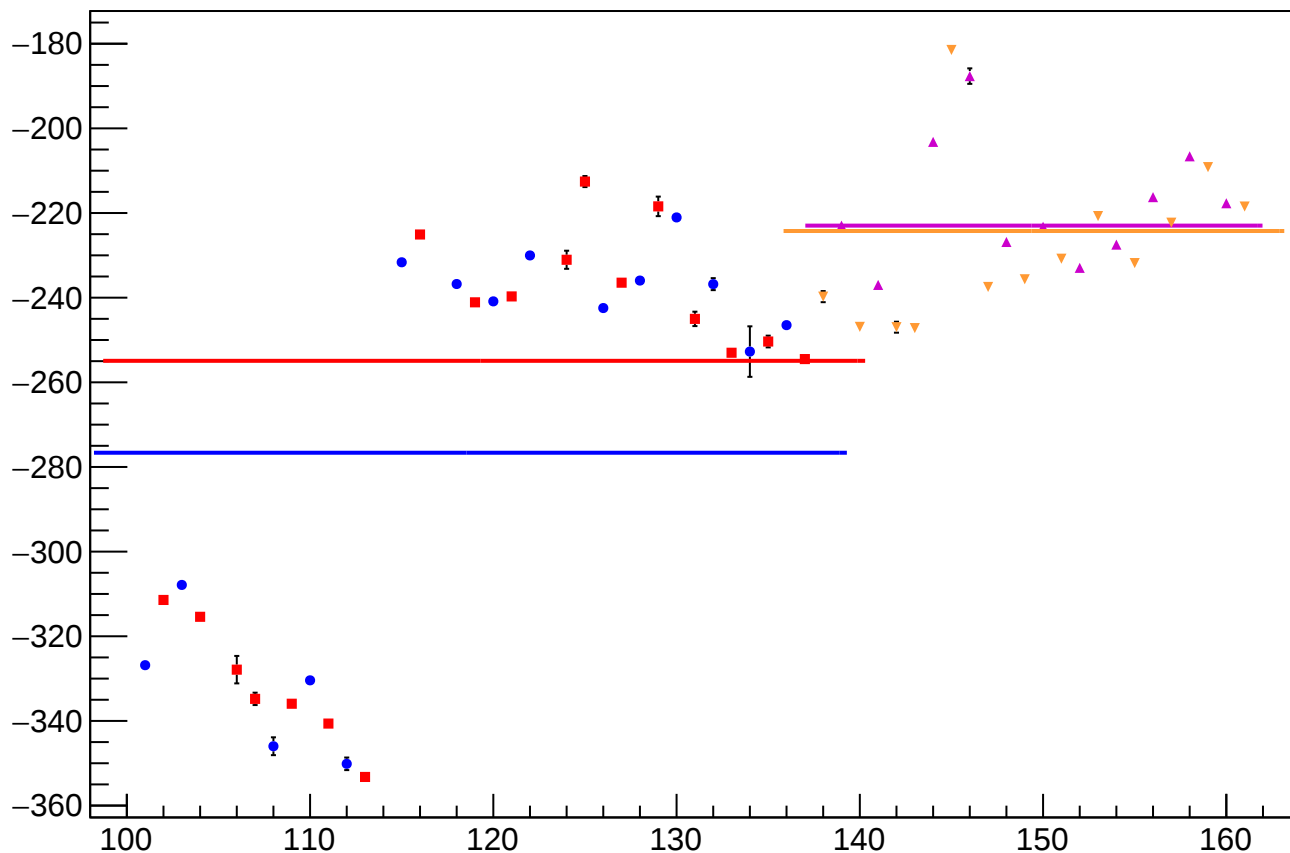
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 22.855 ± 0.118 χ^2/NDF : 7046.3/25

Out: 22.777 ± 0.108 χ^2/NDF : 15342.2/30

All: 22.812 ± 0.080 χ^2/NDF : 22388.7/56

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -224.249 ± 0.155 $\chi^2/\text{NDF}: 13802.5/12$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -222.976 ± 0.126 $\chi^2/\text{NDF}: 4692.7/10$

Left: -223.483 ± 0.098 $\chi^2/\text{NDF}: 18535.9/23$

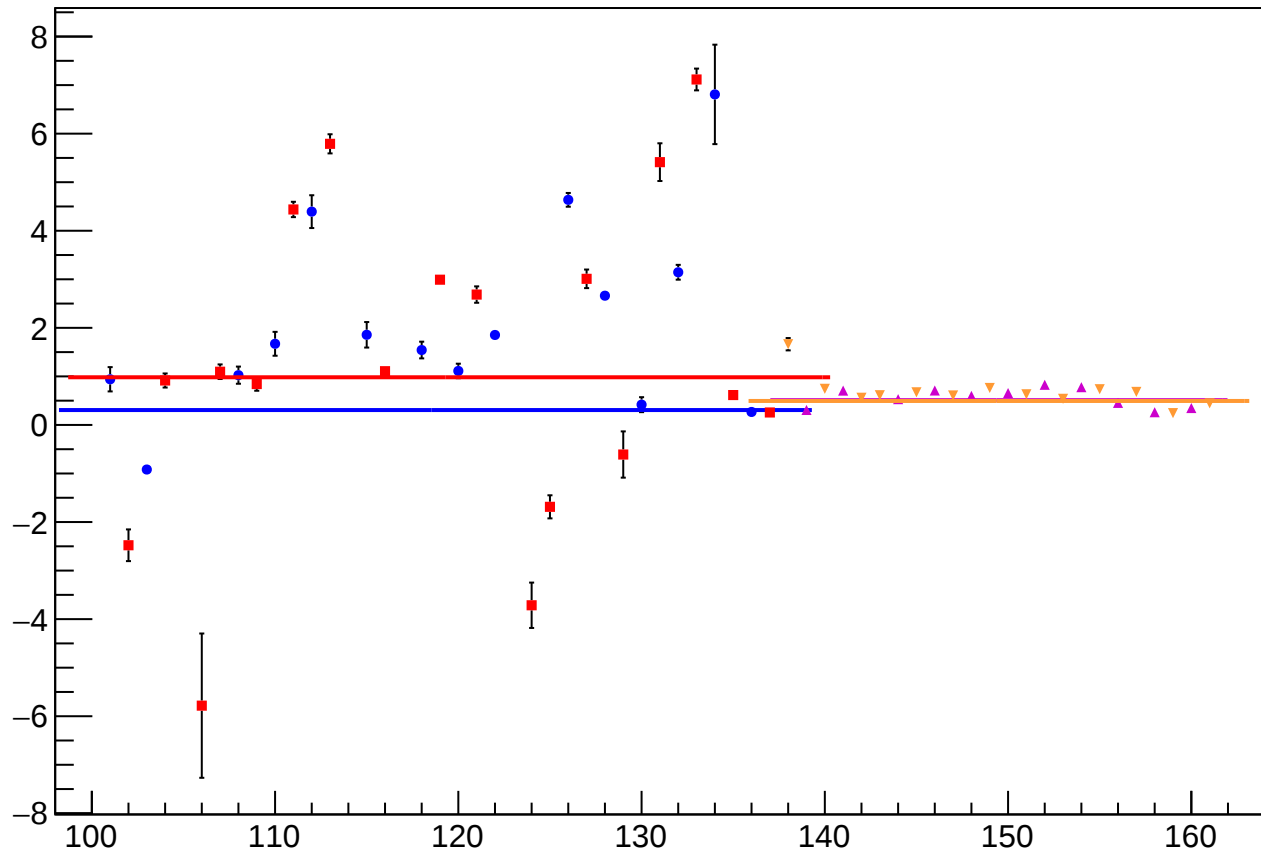
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -245.593 ± 0.096 $\chi^2/\text{NDF}: 158332.2/25$

Out: -249.563 ± 0.065 $\chi^2/\text{NDF}: 118141.5/30$

All: -248.319 ± 0.054 $\chi^2/\text{NDF}: 277653.1/56$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.494 ± 0.002 $\chi^2/\text{NDF}: 7533.5/12$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.511 ± 0.002 $\chi^2/\text{NDF}: 12080.7/10$

Left: 0.504 ± 0.002 $\chi^2/\text{NDF}: 19642.4/23$

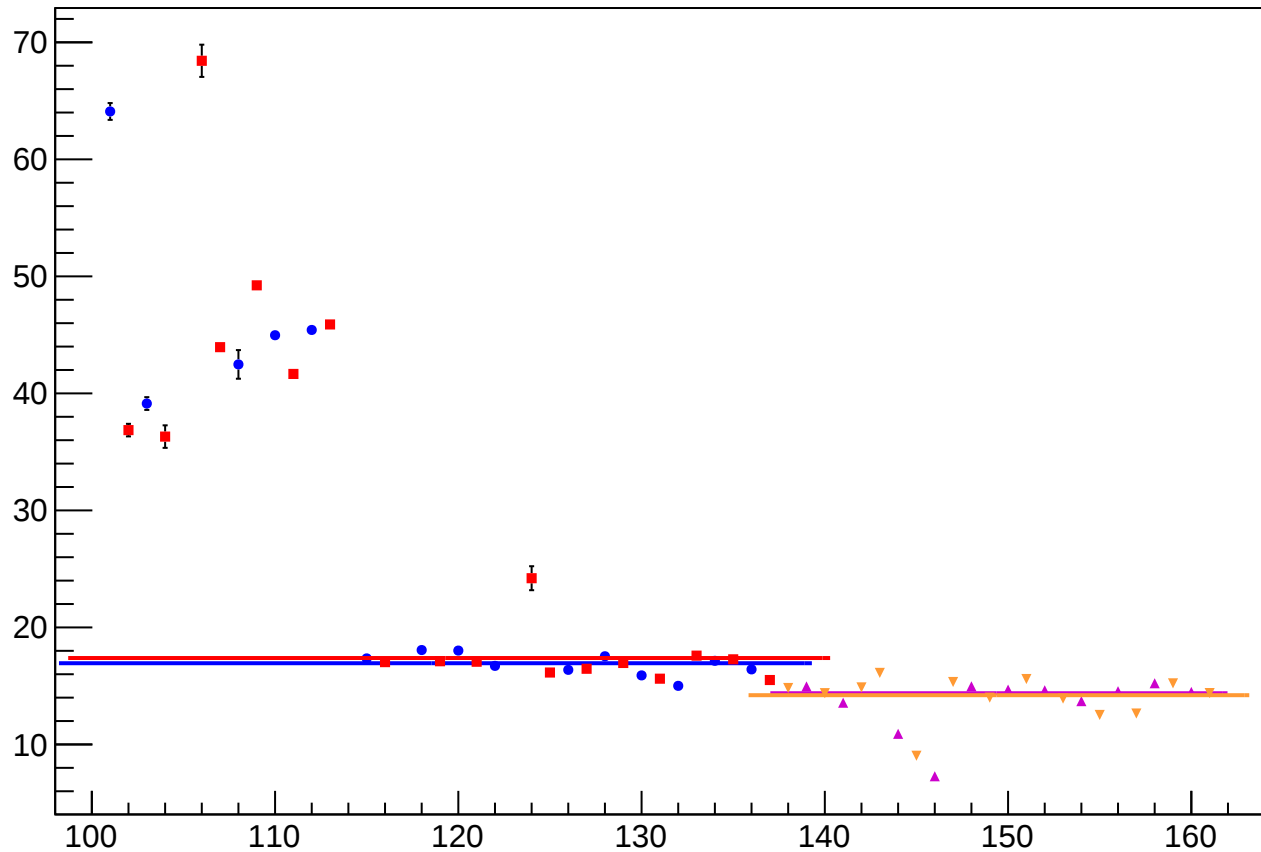
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.493 ± 0.002 $\chi^2/\text{NDF}: 15730.4/25$

Out: 0.507 ± 0.002 $\chi^2/\text{NDF}: 11984.5/30$

All: 0.499 ± 0.002 $\chi^2/\text{NDF}: 27735.3/56$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.209 ± 0.010 $\chi^2/\text{NDF}: 49714.4/12$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.377 ± 0.010 $\chi^2/\text{NDF}: 8107.0/10$

Left: 14.292 ± 0.007 $\chi^2/\text{NDF}: 57968.5/23$

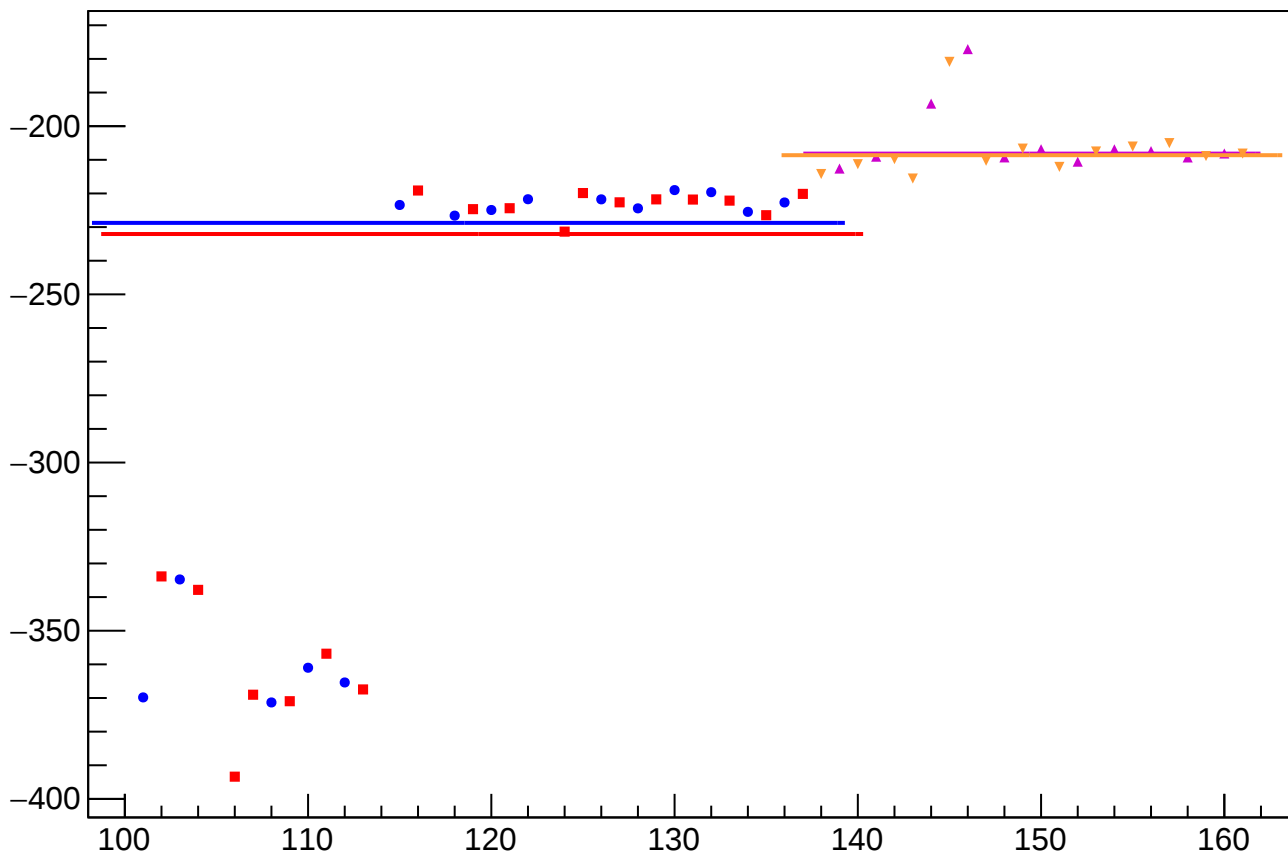
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.321 ± 0.008 $\chi^2/\text{NDF}: 62220.4/25$

Out: 14.951 ± 0.009 $\chi^2/\text{NDF}: 135834.7/30$

All: 15.151 ± 0.006 $\chi^2/\text{NDF}: 199079.8/56$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.627 ± 0.020 $\chi^2/\text{NDF}: 73808.6/12$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.157 ± 0.019 $\chi^2/\text{NDF}: 14329.4/10$

Left: -208.382 ± 0.014 $\chi^2/\text{NDF}: 88432.4/23$

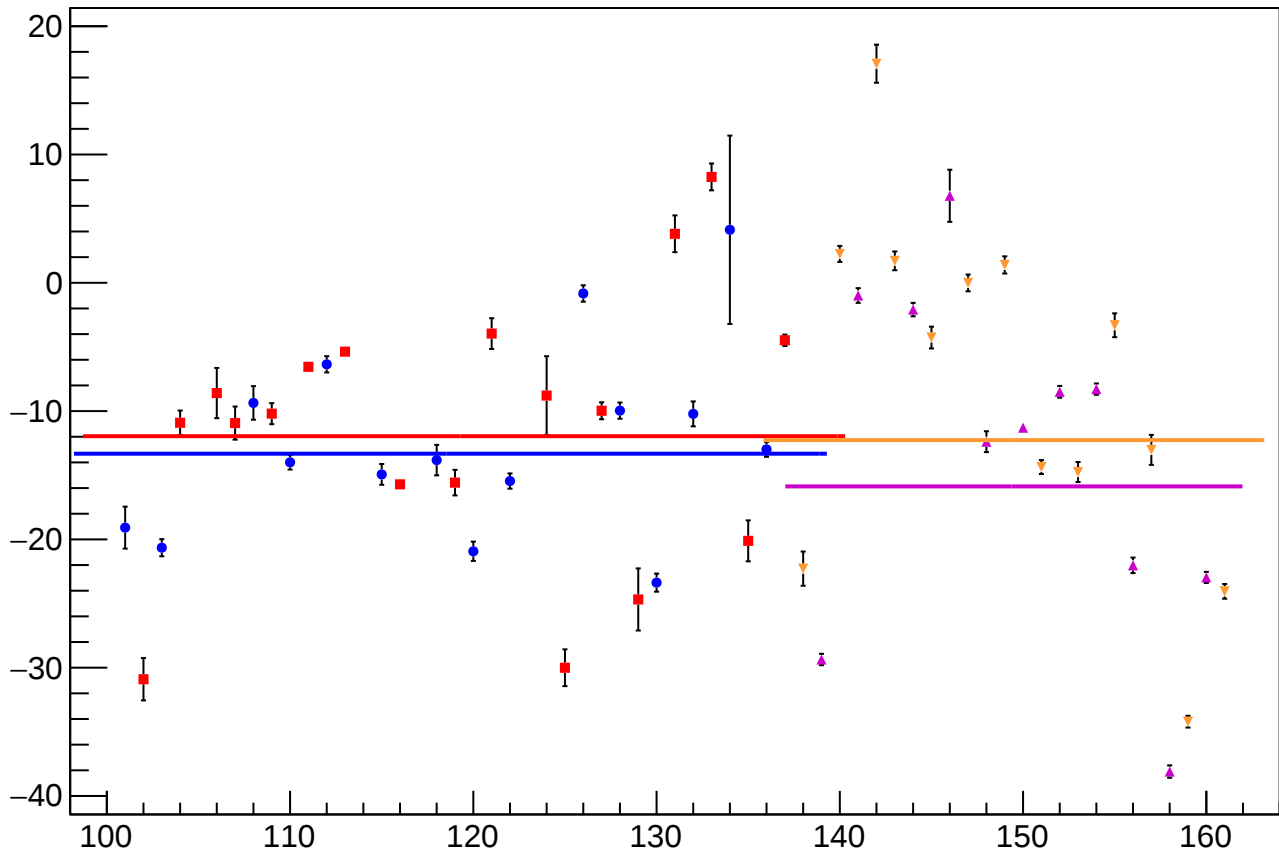
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -212.886 ± 0.017 $\chi^2/\text{NDF}: 943424.9/25$

Out: -212.985 ± 0.018 $\chi^2/\text{NDF}: 1127322.6/30$

All: -212.932 ± 0.012 $\chi^2/\text{NDF}: 2070764.1/56$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -12.261 ± 0.196 χ^2/NDF : 5041.9/12

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -15.870 ± 0.151 χ^2/NDF : 5635.3/10

Left: -14.523 ± 0.119 χ^2/NDF : 10890.6/23

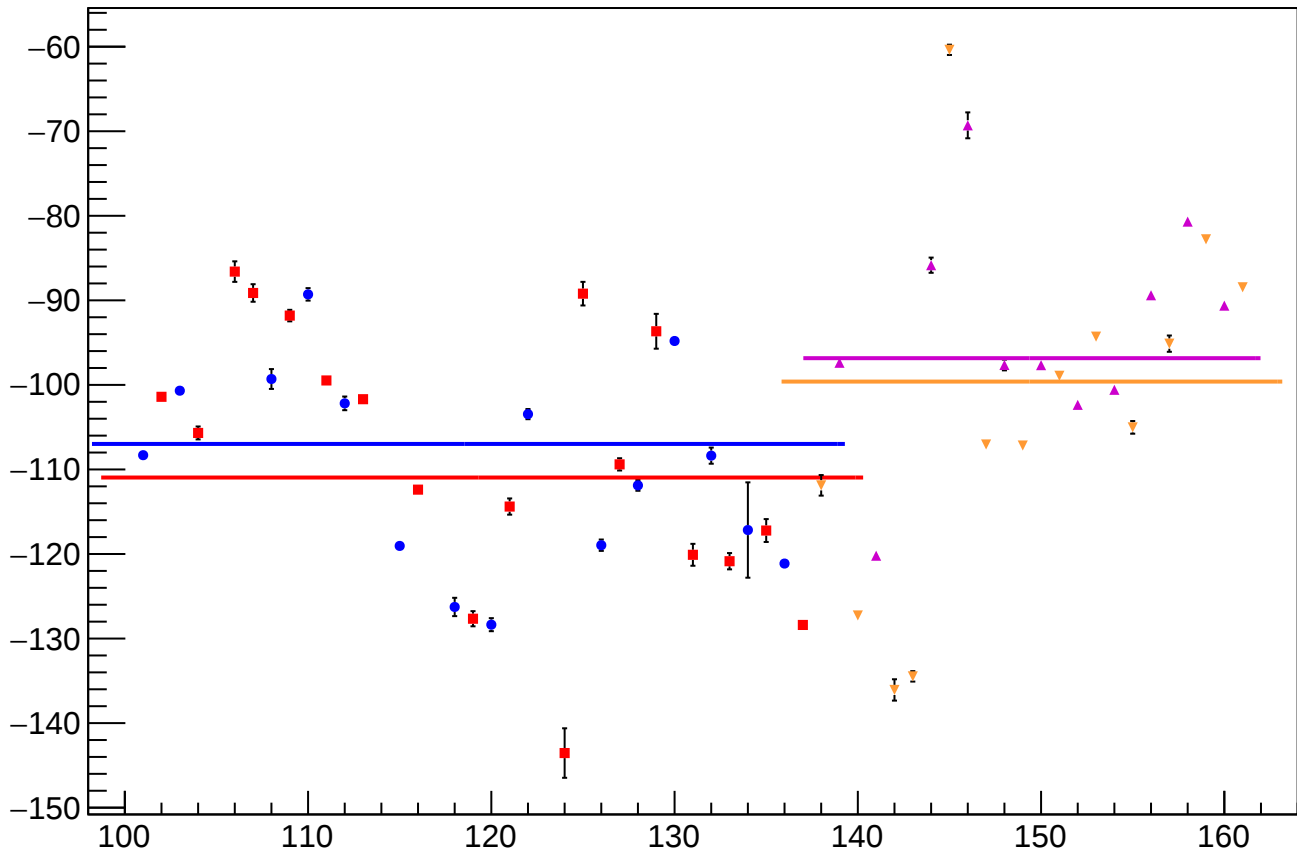
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -14.907 ± 0.119 χ^2/NDF : 6756.0/25

Out: -12.032 ± 0.098 χ^2/NDF : 7530.9/30

All: -13.187 ± 0.075 χ^2/NDF : 14635.7/56

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.607 ± 0.156 χ^2/NDF : 14632.9/12

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.840 ± 0.126 χ^2/NDF : 5247.5/10

Left: -97.931 ± 0.098 χ^2/NDF : 20070.9/23

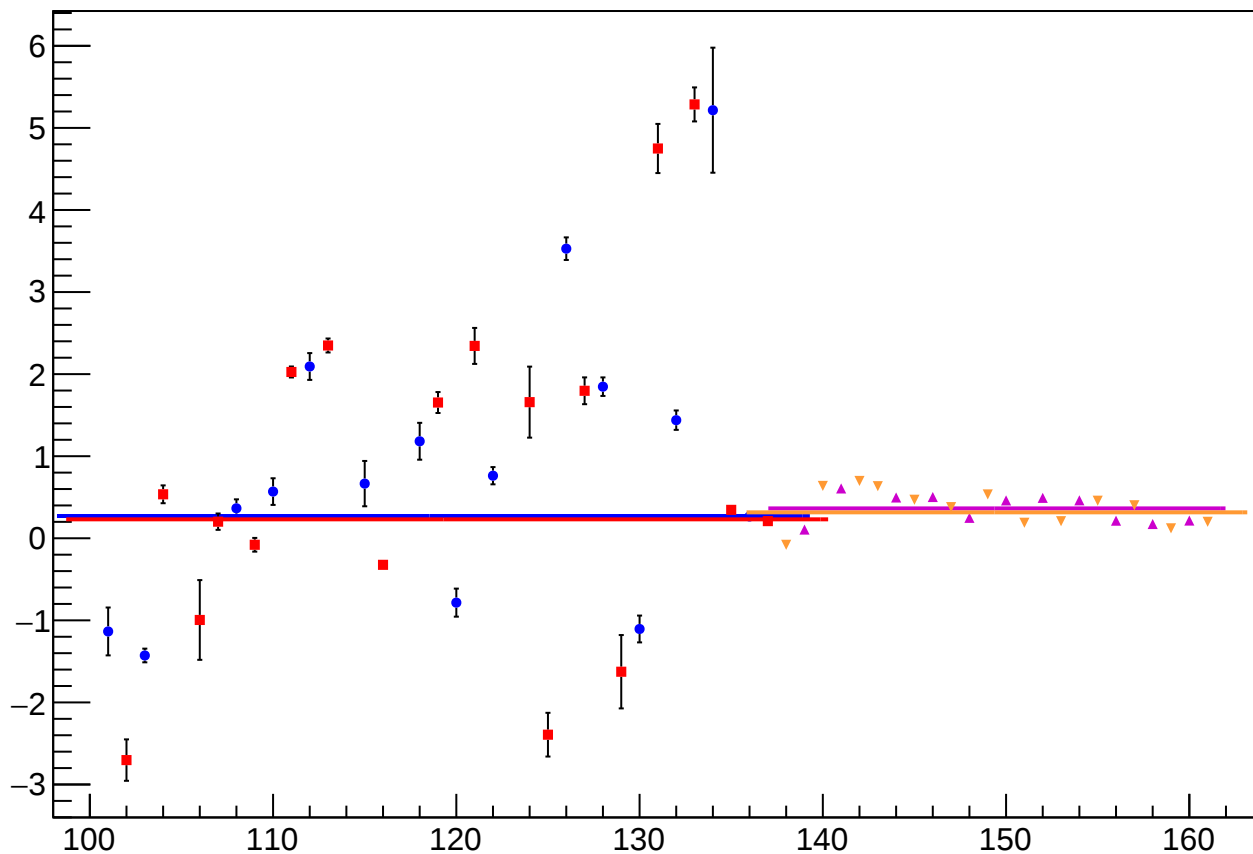
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.593 ± 0.083 χ^2/NDF : 13584.3/25

Out: -109.891 ± 0.048 χ^2/NDF : 30098.5/30

All: -108.070 ± 0.041 χ^2/NDF : 49506.3/56

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.316 ± 0.003 χ^2/NDF : 6406.8/12

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.364 ± 0.002 χ^2/NDF : 7164.5/10

Left: 0.345 ± 0.002 χ^2/NDF : 13775.1/23

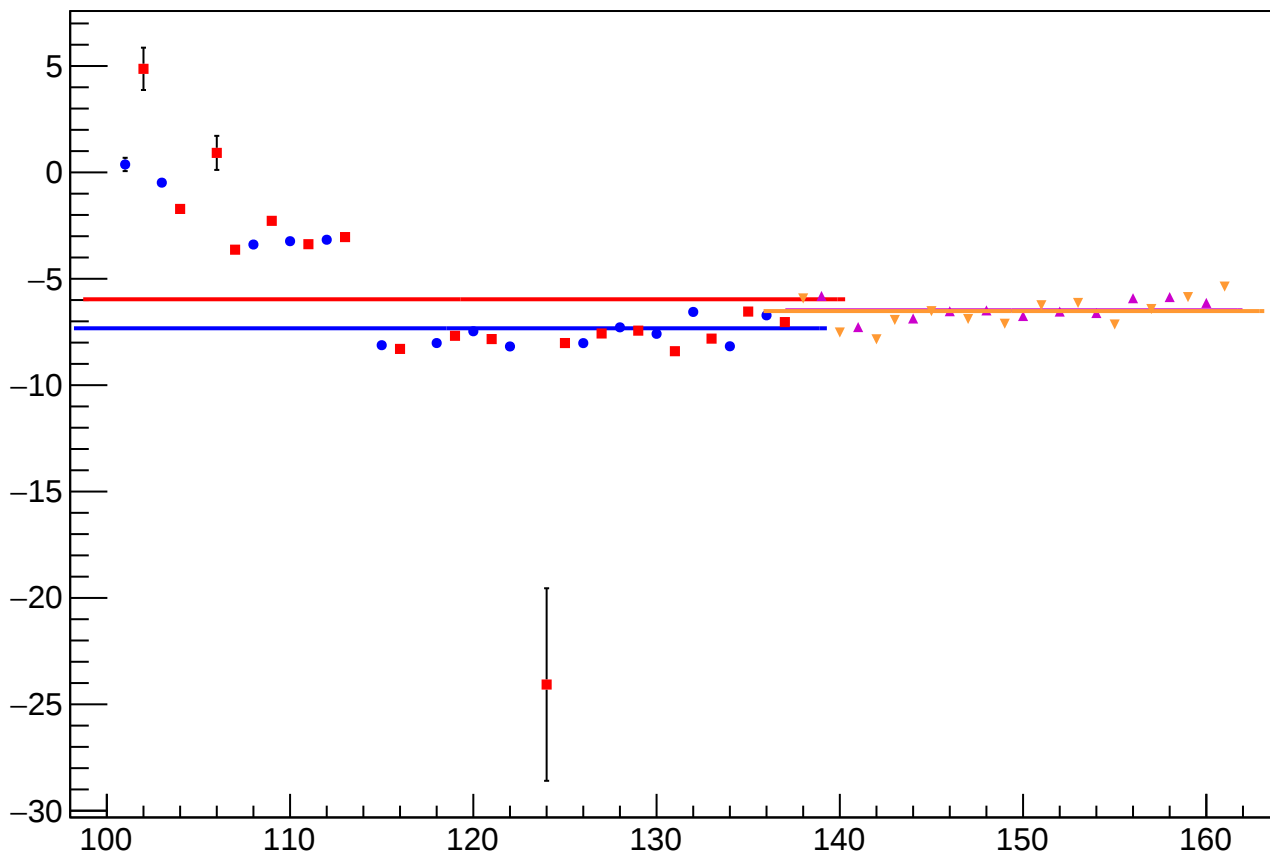
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.351 ± 0.002 χ^2/NDF : 9039.2/25

Out: 0.294 ± 0.002 χ^2/NDF : 9590.3/30

All: 0.327 ± 0.001 χ^2/NDF : 19003.1/56

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.518 ± 0.008 $\chi^2/\text{NDF}: 5344.7/12$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.481 ± 0.006 $\chi^2/\text{NDF}: 5227.2/10$

Left: -6.495 ± 0.005 $\chi^2/\text{NDF}: 10585.7/23$

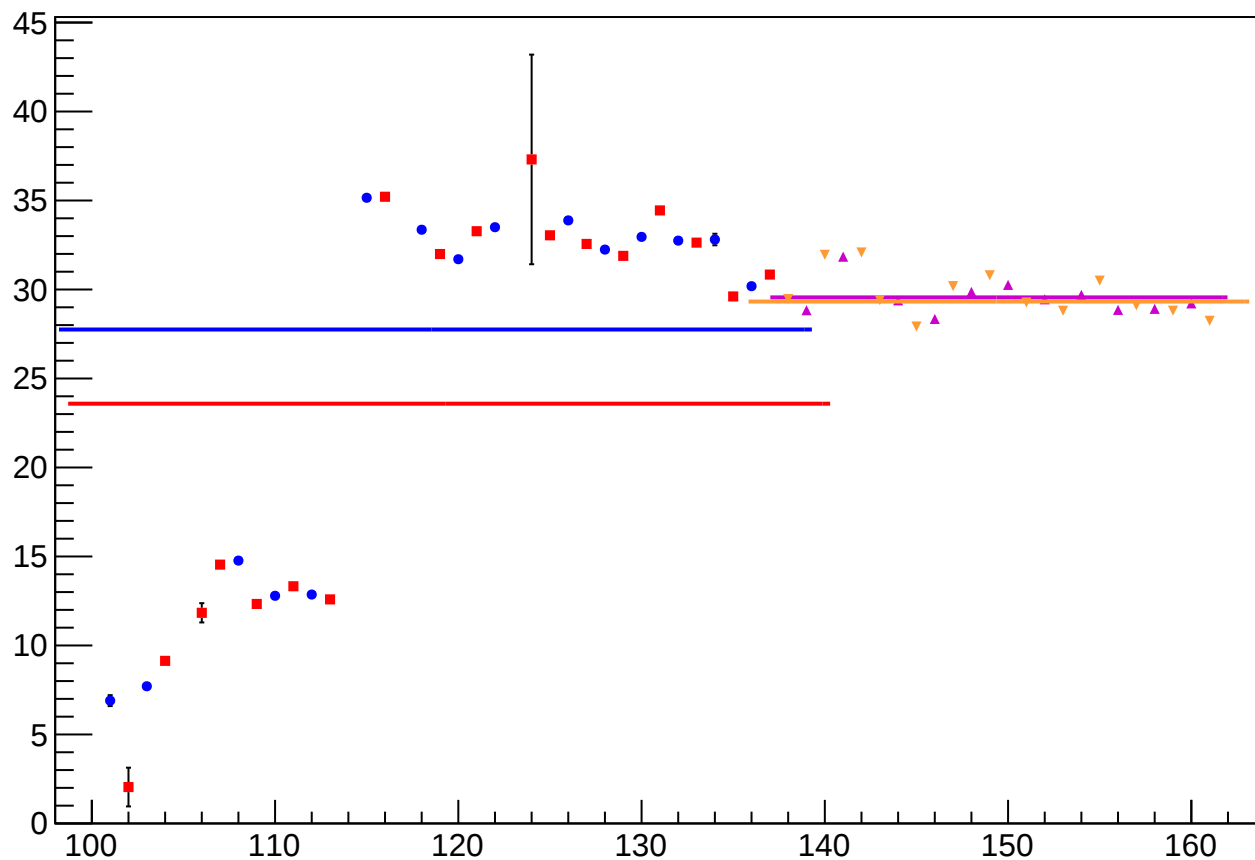
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.774 ± 0.005 $\chi^2/\text{NDF}: 42376.0/25$

Out: -6.276 ± 0.006 $\chi^2/\text{NDF}: 79396.6/30$

All: -6.565 ± 0.004 $\chi^2/\text{NDF}: 126056.3/56$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.324 $\pm$ 0.013 χ^2 /NDF: 8248.8/12

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.557 $\pm$ 0.011 χ^2 /NDF: 2957.5/10

Left: 29.456 $\pm$ 0.008 χ^2 /NDF: 11396.2/23

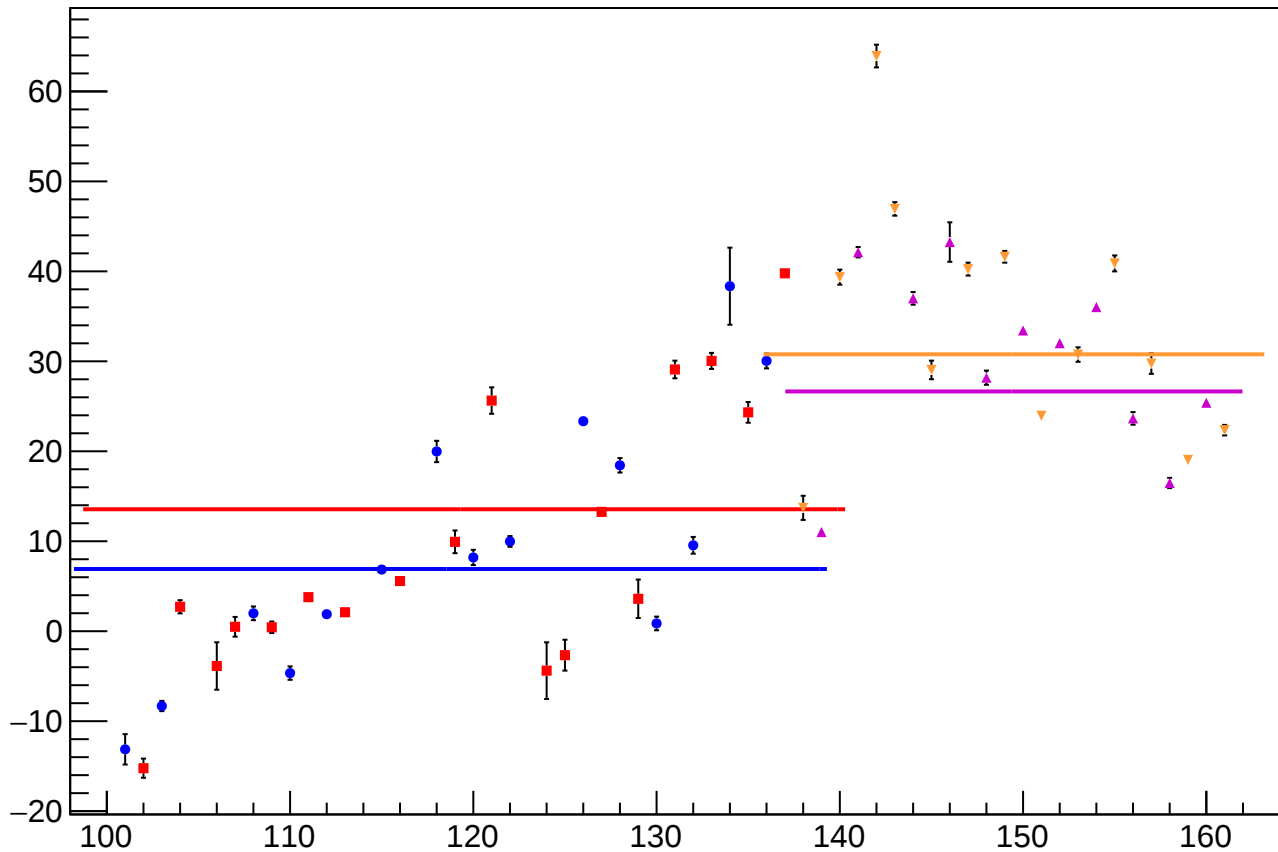
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.917 $\pm$ 0.009 χ^2 /NDF: 345181.3/25

Out: 26.665 $\pm$ 0.009 χ^2 /NDF: 641875.5/30

All: 27.838 $\pm$ 0.006 χ^2 /NDF: 1017351.9/56

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 30.780 ± 0.202 $\chi^2/\text{NDF}: 3037.5/12$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.650 ± 0.149 $\chi^2/\text{NDF}: 4624.0/10$

Left: 28.102 ± 0.120 $\chi^2/\text{NDF}: 7933.5/23$

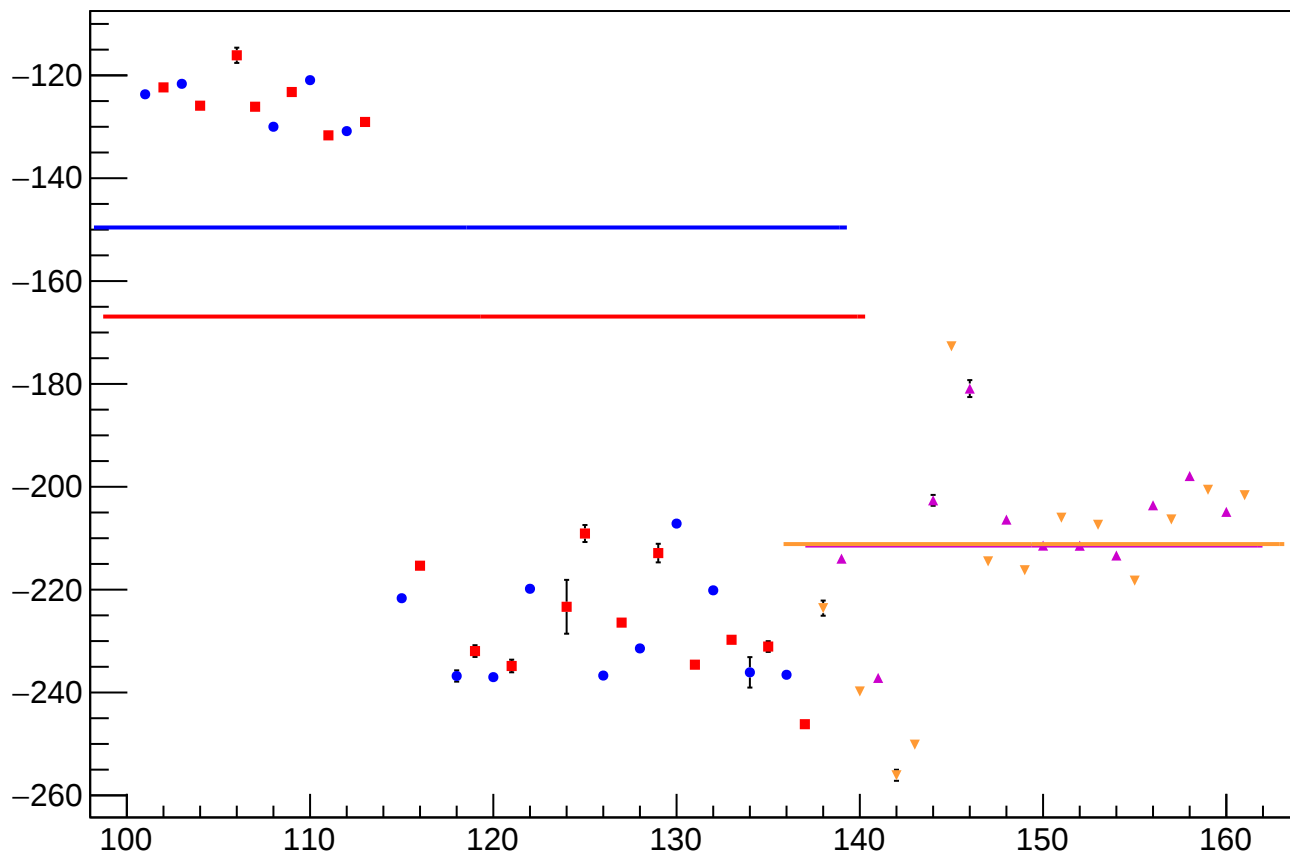
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.472 ± 0.114 $\chi^2/\text{NDF}: 15443.4/25$

Out: 19.430 ± 0.118 $\chi^2/\text{NDF}: 19501.5/30$

All: 18.934 ± 0.082 $\chi^2/\text{NDF}: 34979.1/56$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -211.138 ± 0.163 $\chi^2/\text{NDF}: 11811.9/12$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -211.429 ± 0.124 $\chi^2/\text{NDF}: 5133.9/10$

Left: -211.321 ± 0.099 $\chi^2/\text{NDF}: 16947.7/23$

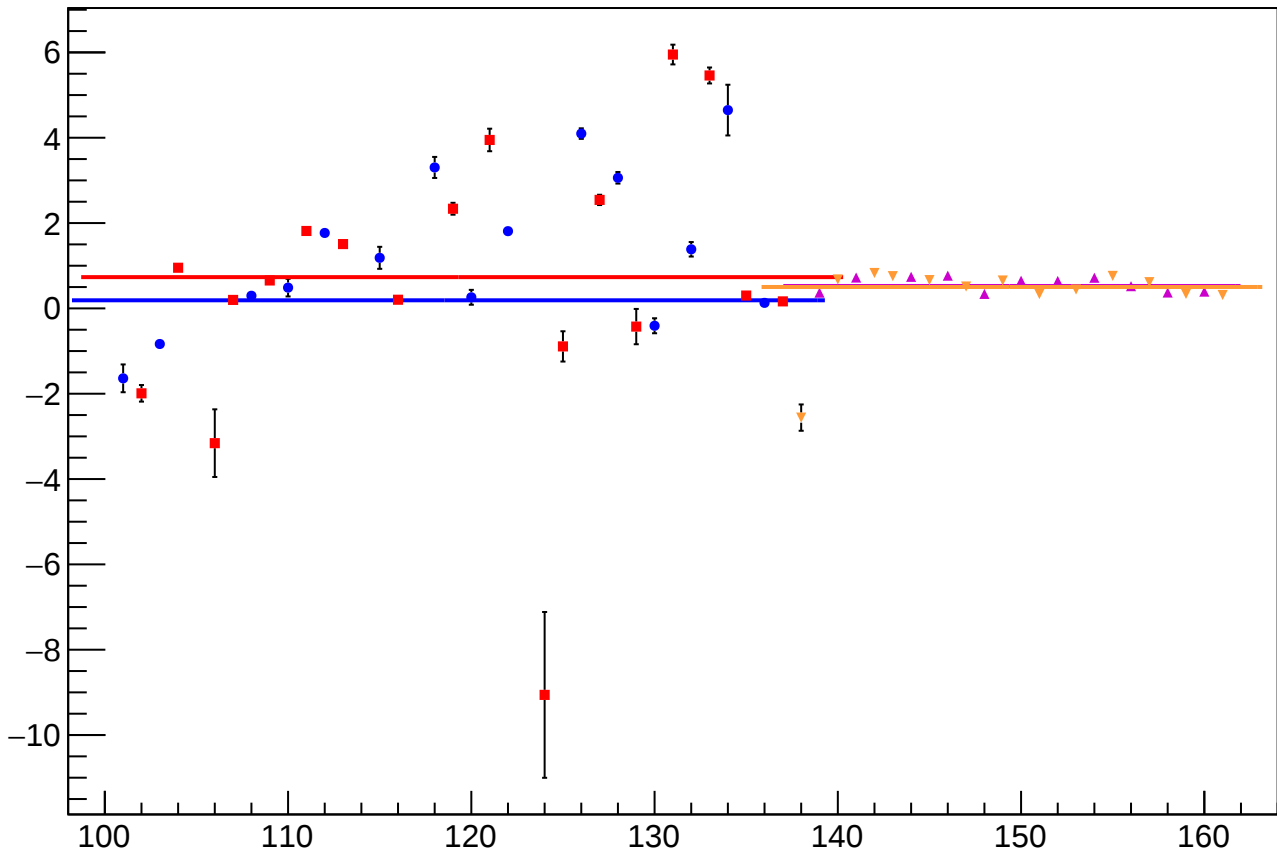
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.169 ± 0.078 $\chi^2/\text{NDF}: 349685.7/25$

Out: -179.149 ± 0.086 $\chi^2/\text{NDF}: 360862.3/30$

All: -176.439 ± 0.058 $\chi^2/\text{NDF}: 712392.6/56$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.502 ± 0.003 χ^2/NDF : 3339.1/12

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.525 ± 0.003 χ^2/NDF : 3702.8/10

Left: 0.516 ± 0.002 χ^2/NDF : 7076.2/23

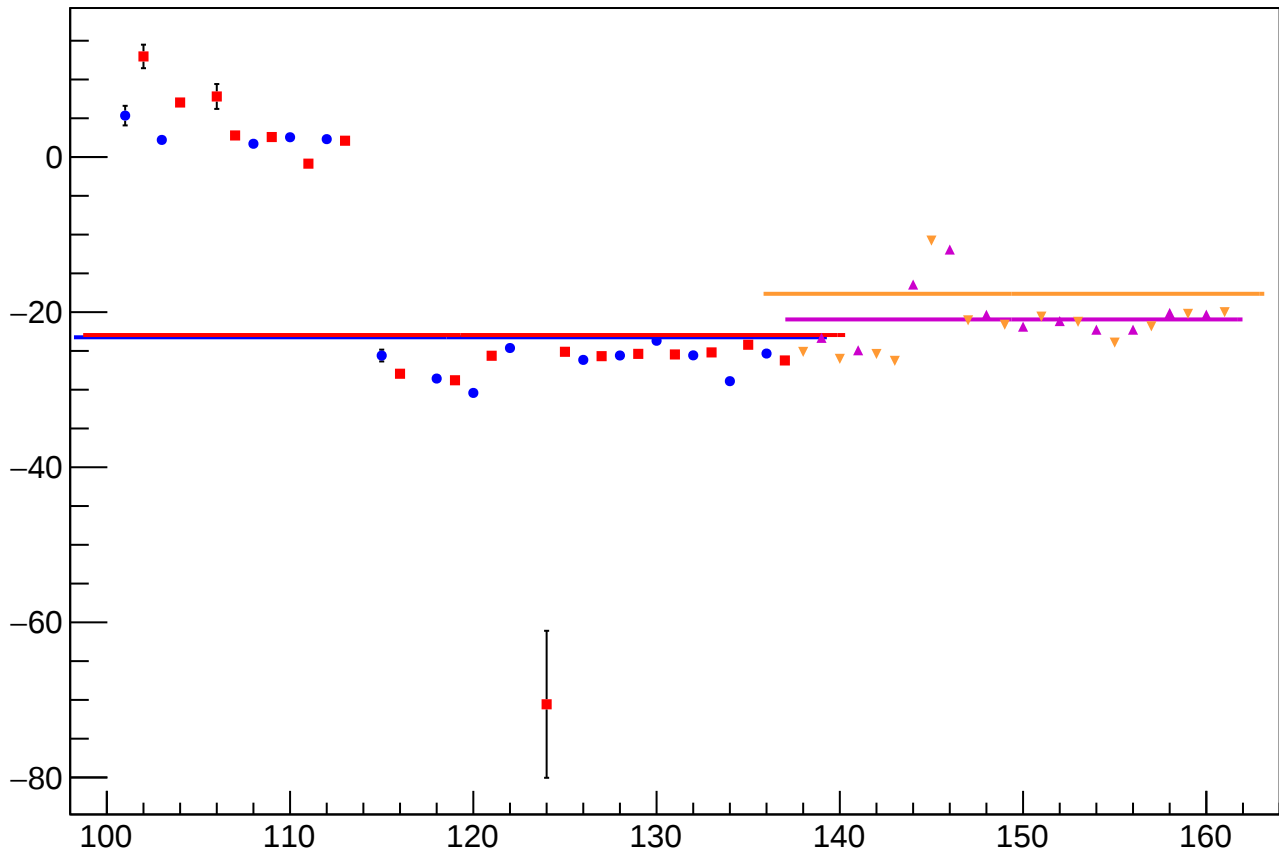
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.499 ± 0.002 χ^2/NDF : 7829.9/25

Out: 0.507 ± 0.003 χ^2/NDF : 6139.4/30

All: 0.502 ± 0.002 χ^2/NDF : 13973.9/56

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -17.633 ± 0.016 χ^2/NDF : 121206.4/12

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -20.939 ± 0.016 χ^2/NDF : 10012.0/10

Left: -19.247 ± 0.011 χ^2/NDF : 153060.6/23

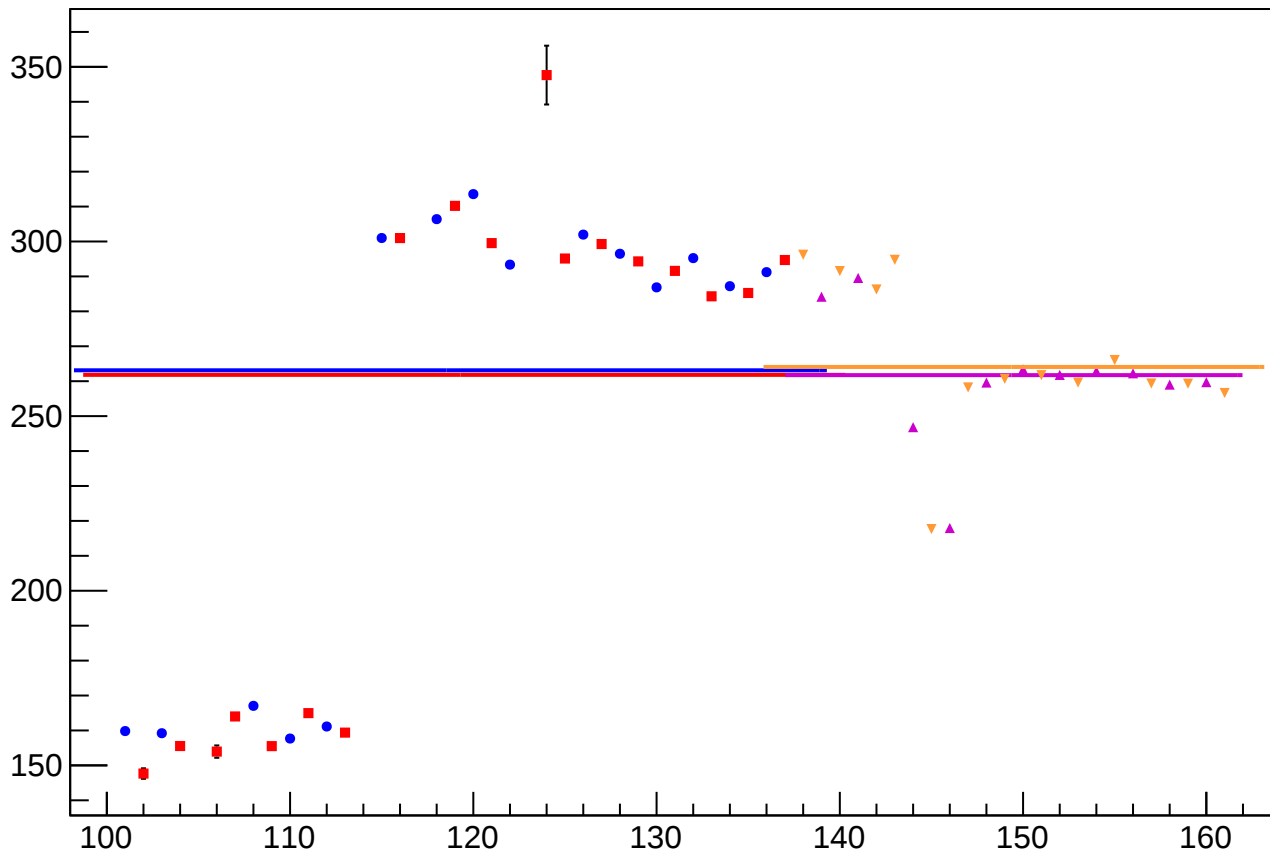
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -21.617 ± 0.013 χ^2/NDF : 119208.0/25

Out: -19.155 ± 0.013 χ^2/NDF : 262359.9/30

All: -20.364 ± 0.009 χ^2/NDF : 398646.8/56

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 264.078+/-0.039 χ^2/NDF :193915.7/12

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 261.736+/-0.034 χ^2/NDF :36450.2/10

Left: 262.729+/-0.026 χ^2/NDF : 232415.4/23

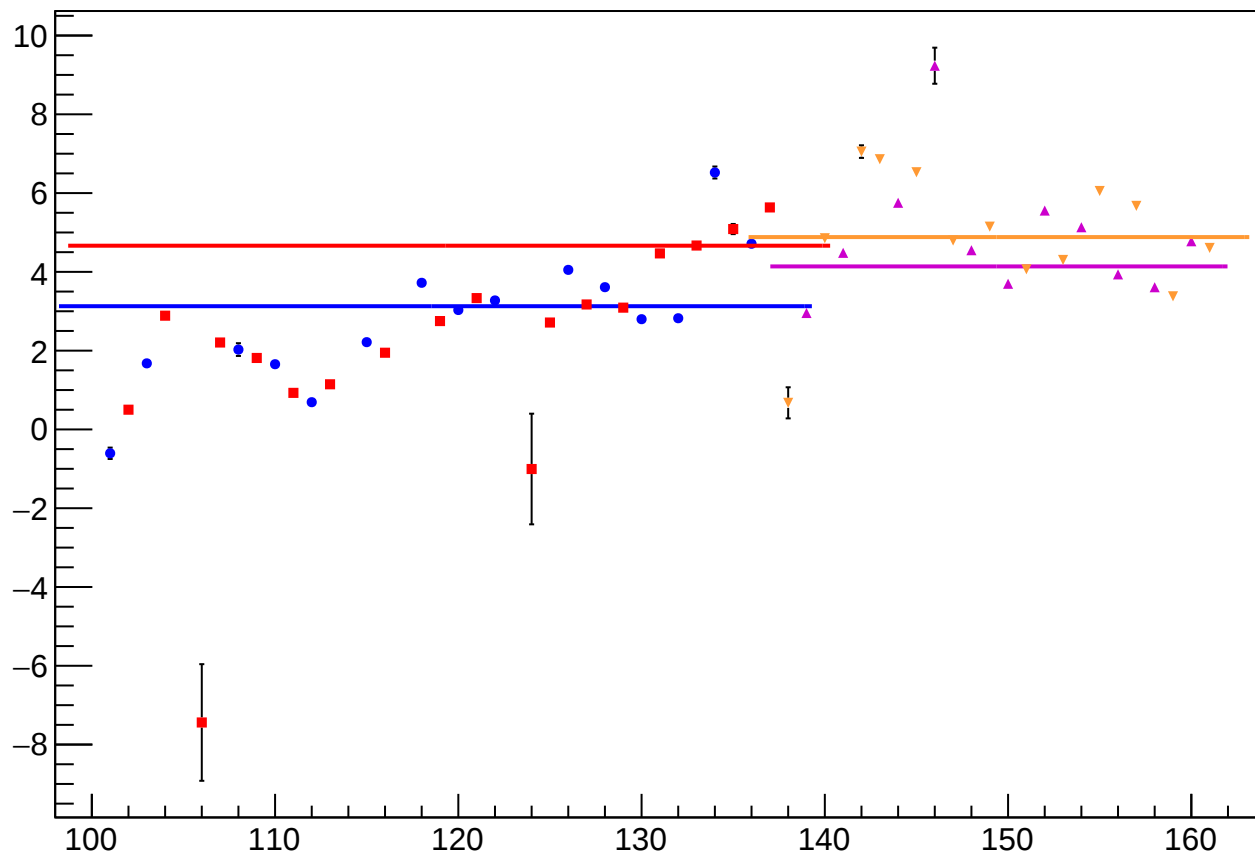
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.002+/-0.030 χ^2/NDF :729659.9/25

Out: 263.406+/-0.033 χ^2/NDF :1201091.9/30

All: 262.645+/-0.022 χ^2/NDF : 1931737.6/56

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.883 ± 0.017 $\chi^2/\text{NDF}: 2143.7/12$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.138 ± 0.016 $\chi^2/\text{NDF}: 2685.7/10$

Left: 4.488 ± 0.012 $\chi^2/\text{NDF}: 5843.4/23$

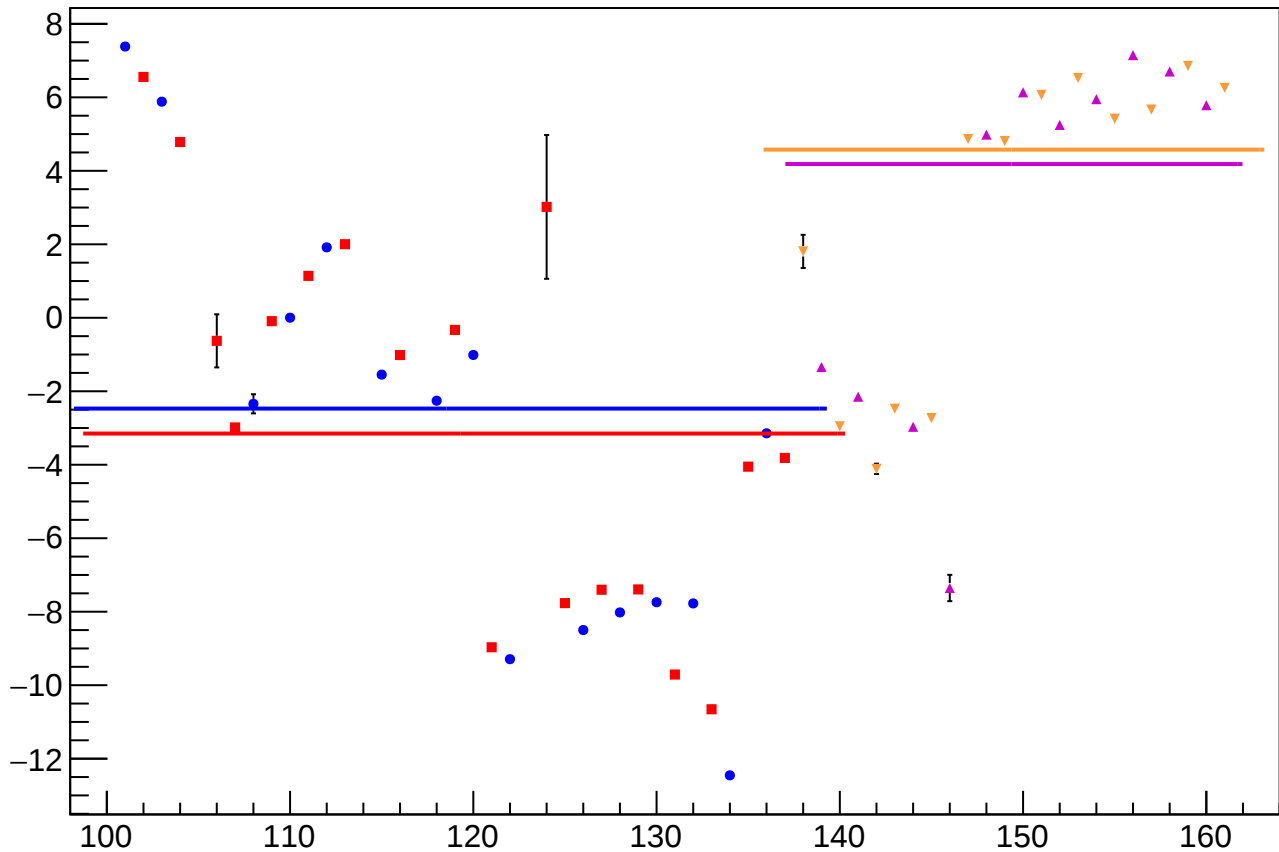
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.625 ± 0.011 $\chi^2/\text{NDF}: 10373.6/25$

Out: 4.691 ± 0.006 $\chi^2/\text{NDF}: 69151.0/30$

All: 4.458 ± 0.005 $\chi^2/\text{NDF}: 86556.8/56$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Left: 4.377 ± 0.010 χ^2/NDF : 100886.5/23

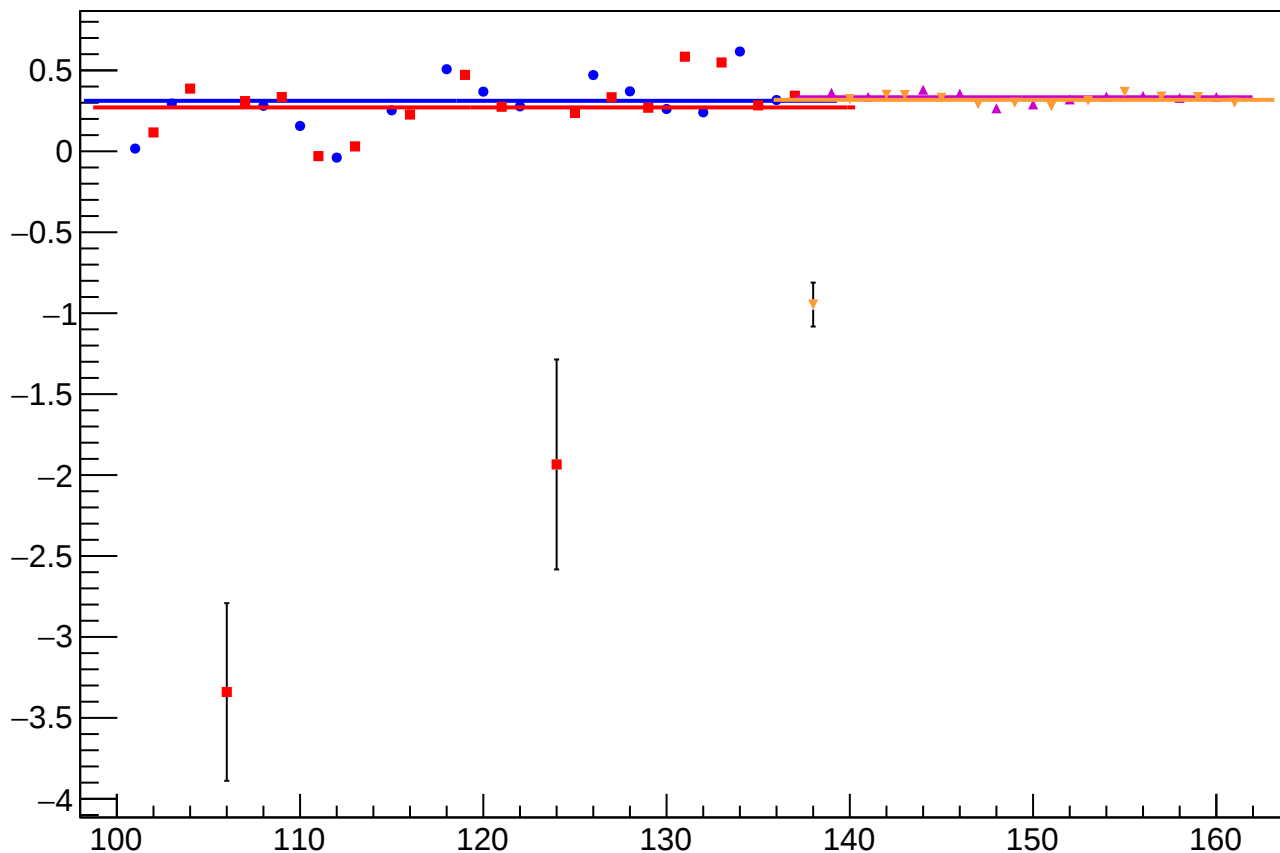
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: 0.965 ± 0.010 χ^2/NDF : 419861.8/25

Out: -1.432 ± 0.007 χ^2/NDF : 525967.2/30

All: -0.692 ± 0.005 χ^2/NDF : 987097.5/56

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 1295.2/12$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 1942.9/10$

Left: 0.326 ± 0.001 $\chi^2/\text{NDF}: 3488.7/23$

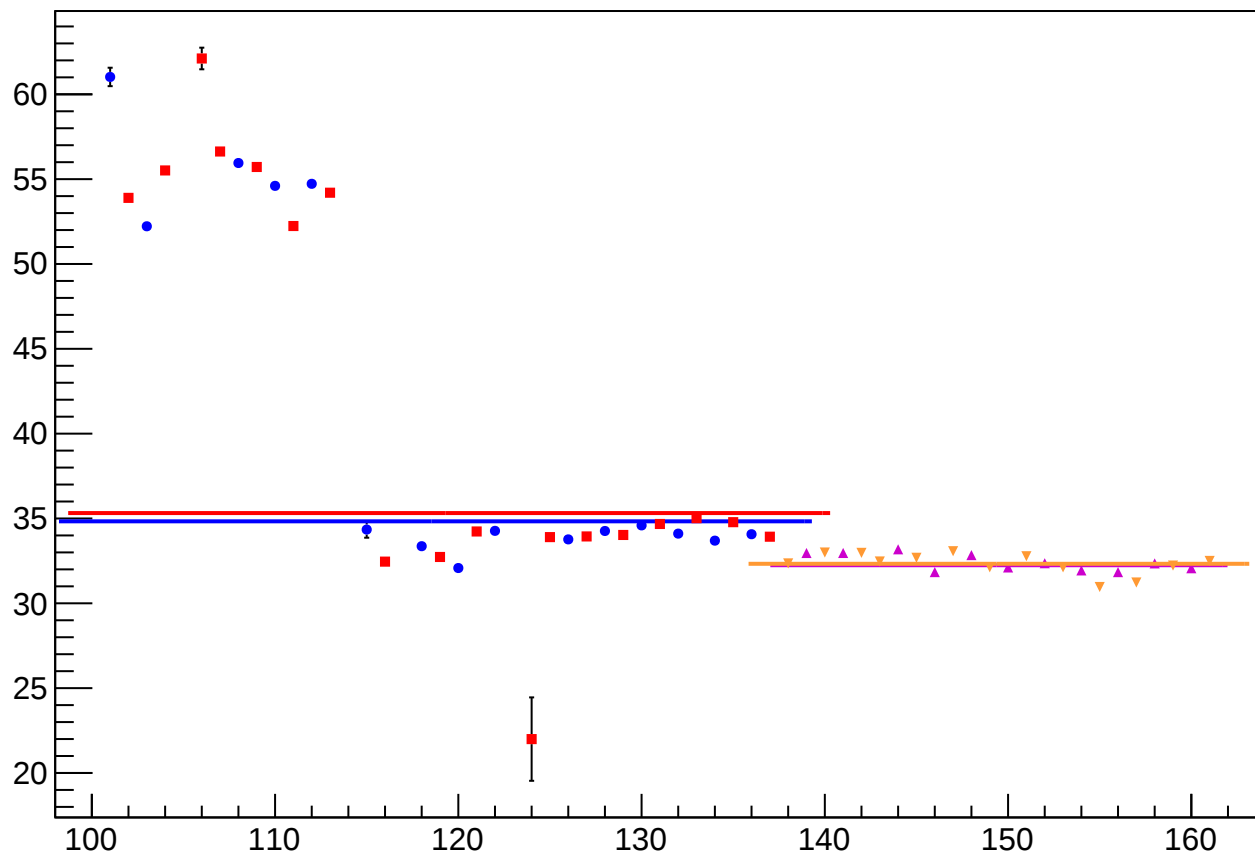
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.329 ± 0.001 $\chi^2/\text{NDF}: 3485.1/25$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 7881.9/30$

All: 0.321 ± 0.000 $\chi^2/\text{NDF}: 11649.5/56$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.329+/-0.005 χ^2/NDF : 3543.5/12

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.244+/-0.005 χ^2/NDF : 4841.6/10

Left: 32.285+/-0.003 χ^2/NDF : 8541.3/23

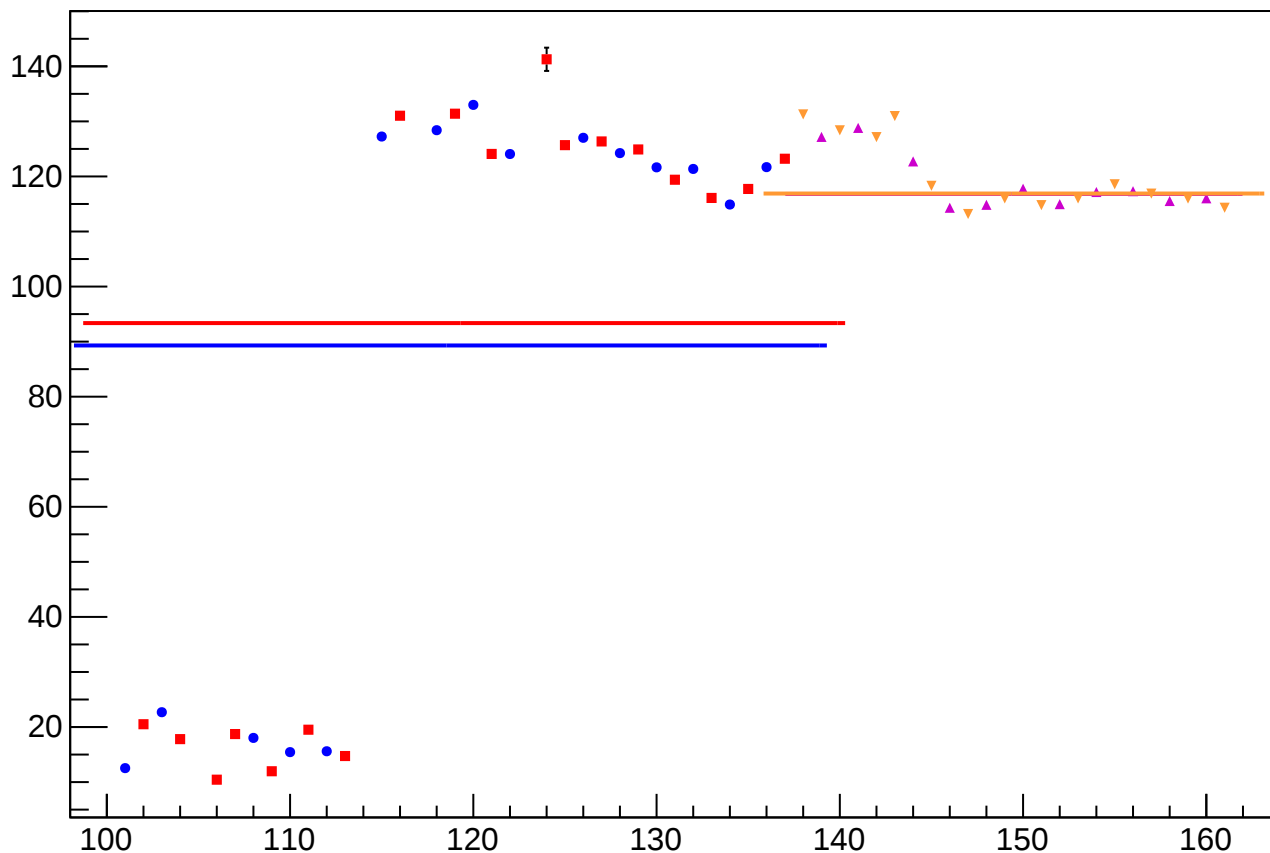
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 32.835+/-0.004 χ^2/NDF : 319940.6/25

Out: 32.903+/-0.004 χ^2/NDF : 337974.5/30

All: 32.867+/-0.003 χ^2/NDF : 658044.5/56

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 116.895 ± 0.010 $\chi^2/\text{NDF}: 119245.2/12$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.817 ± 0.010 $\chi^2/\text{NDF}: 41484.1/10$

Left: 116.854 ± 0.007 $\chi^2/\text{NDF}: 160760.1/23$

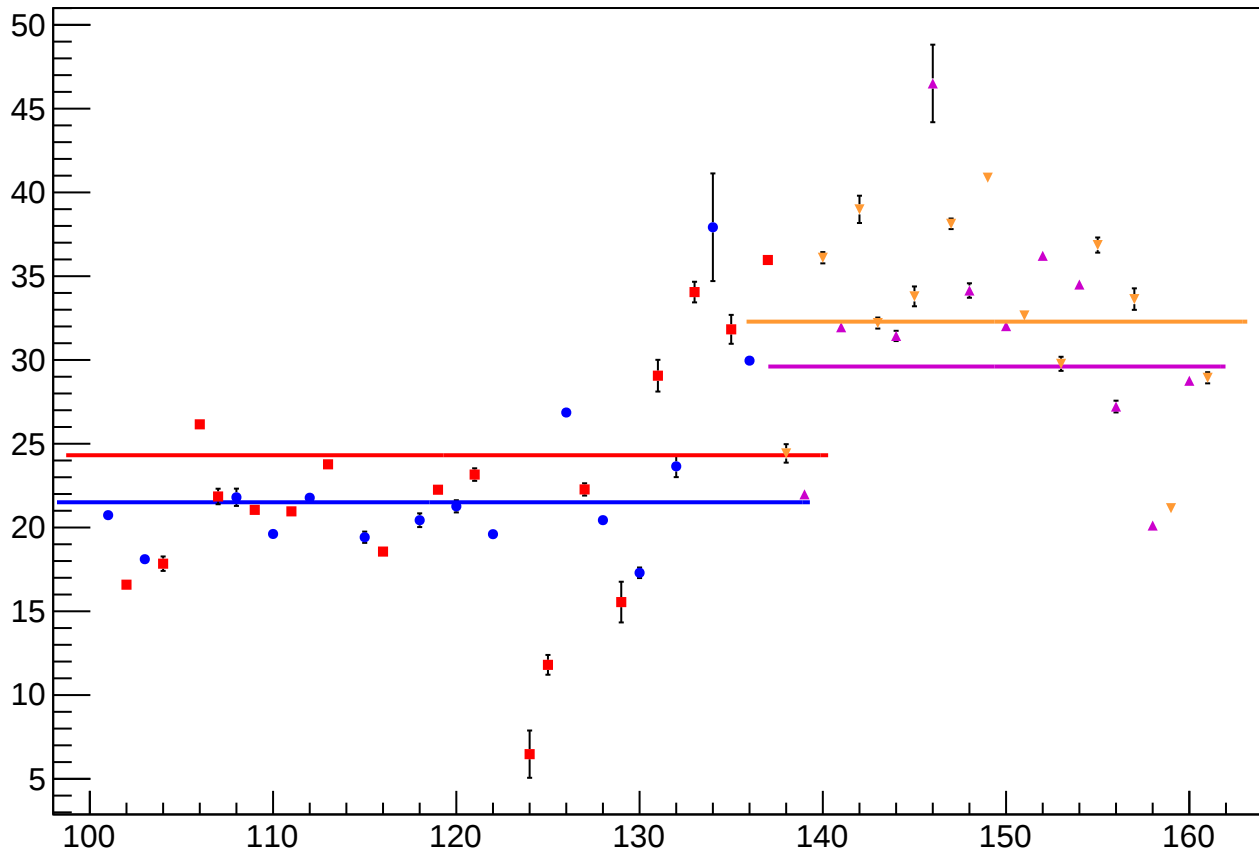
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.749 ± 0.009 $\chi^2/\text{NDF}: 3969465.6/25$

Out: 114.422 ± 0.010 $\chi^2/\text{NDF}: 3524302.2/30$

All: 114.066 ± 0.007 $\chi^2/\text{NDF}: 7496307.4/56$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.288 $\pm$ 0.100 χ^2/NDF : 3658.5/12

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 29.609 $\pm$ 0.081 χ^2/NDF : 4059.1/10

Left: 30.673 $\pm$ 0.063 χ^2/NDF : 8148.9/23

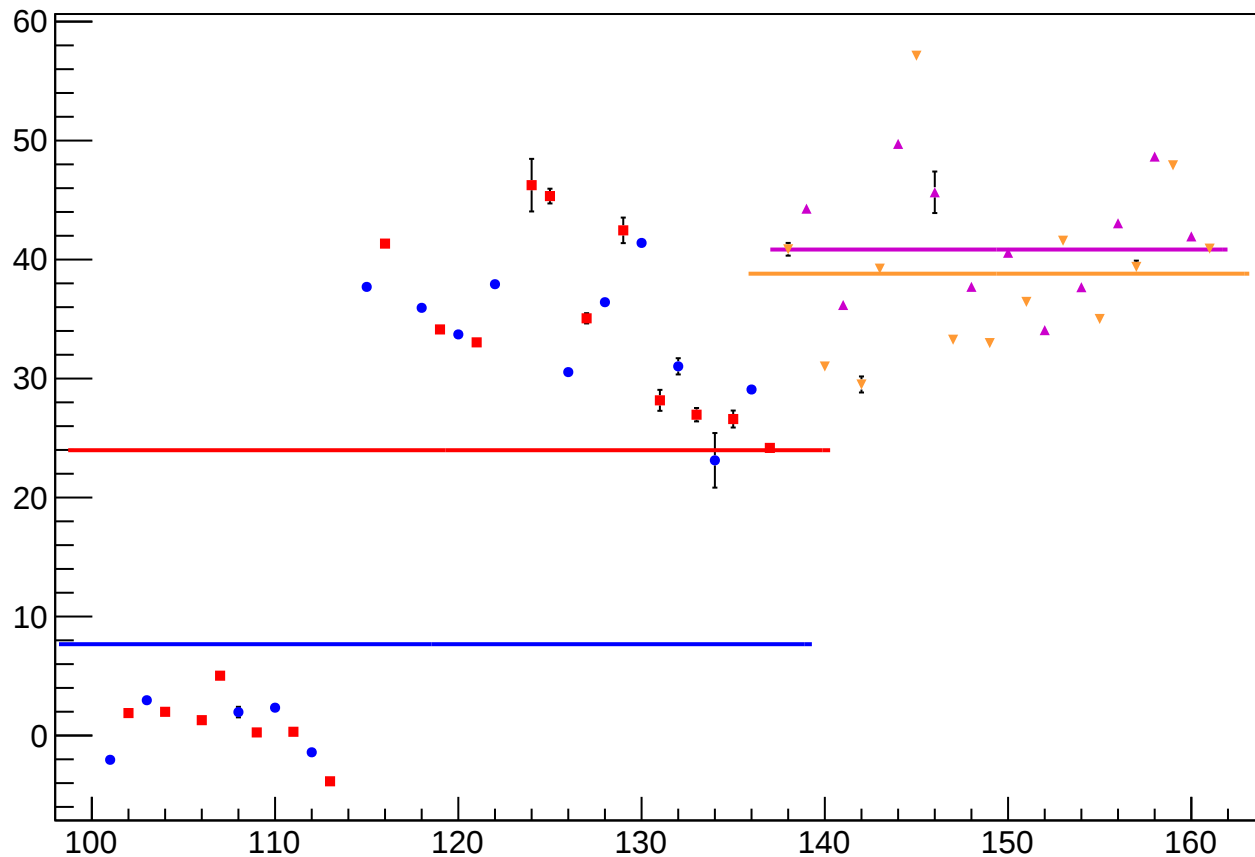
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 25.086 $\pm$ 0.054 χ^2/NDF : 12565.4/25

Out: 26.340 $\pm$ 0.050 χ^2/NDF : 22680.9/30

All: 25.756 $\pm$ 0.037 χ^2/NDF : 35534.2/56

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 38.813+/-0.082 χ^2/NDF : 6203.9/12

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 40.842+/-0.067 χ^2/NDF : 3650.0/10

Left: 40.030+/-0.052 χ^2/NDF : 10223.6/23

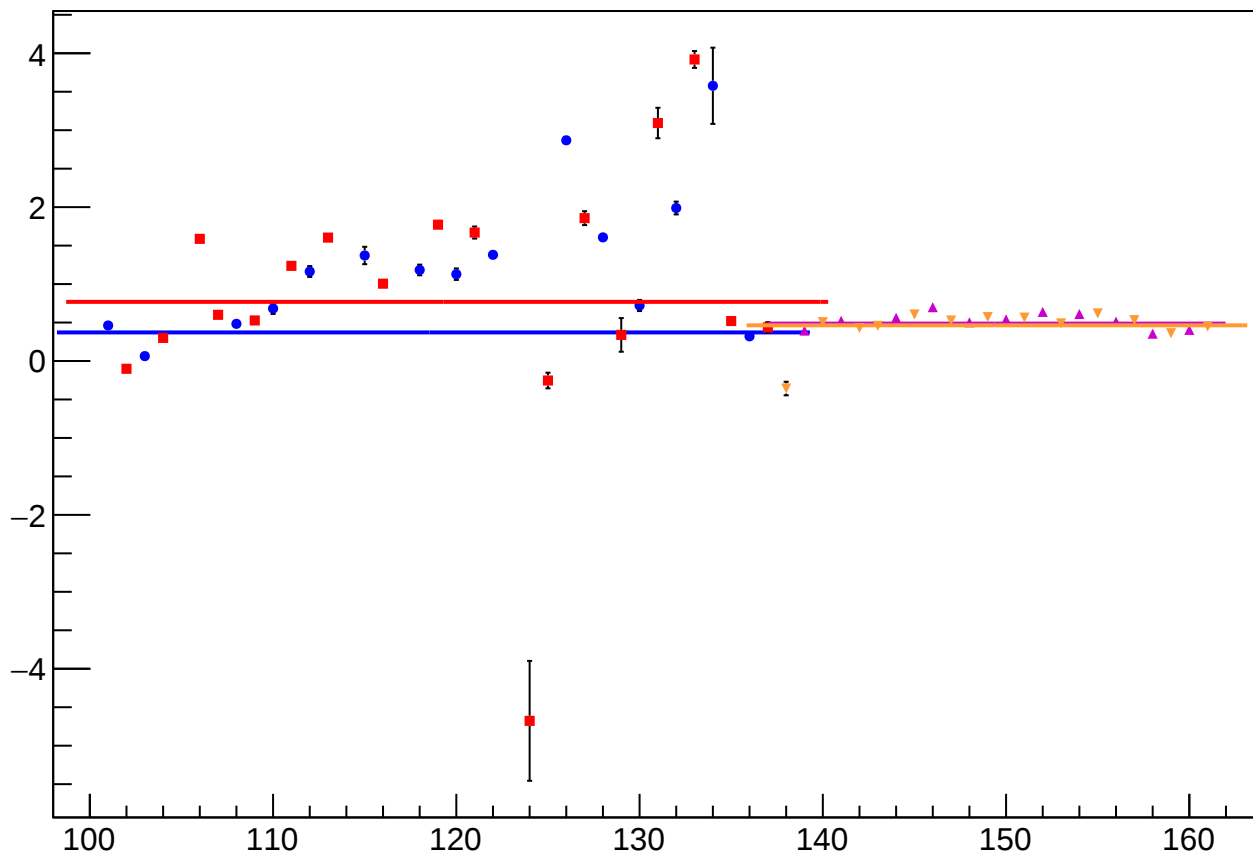
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 18.111+/-0.037 χ^2/NDF : 269254.8/25

Out: 24.124+/-0.008 χ^2/NDF : 149392.0/30

All: 23.853+/-0.008 χ^2/NDF : 443267.4/56

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.464 $\pm$ 0.001 χ^2 /NDF:4643.2/12

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.486 $\pm$ 0.001 χ^2 /NDF:6900.3/10

Left: 0.475 $\pm$ 0.001 χ^2 /NDF: 11695.0/23

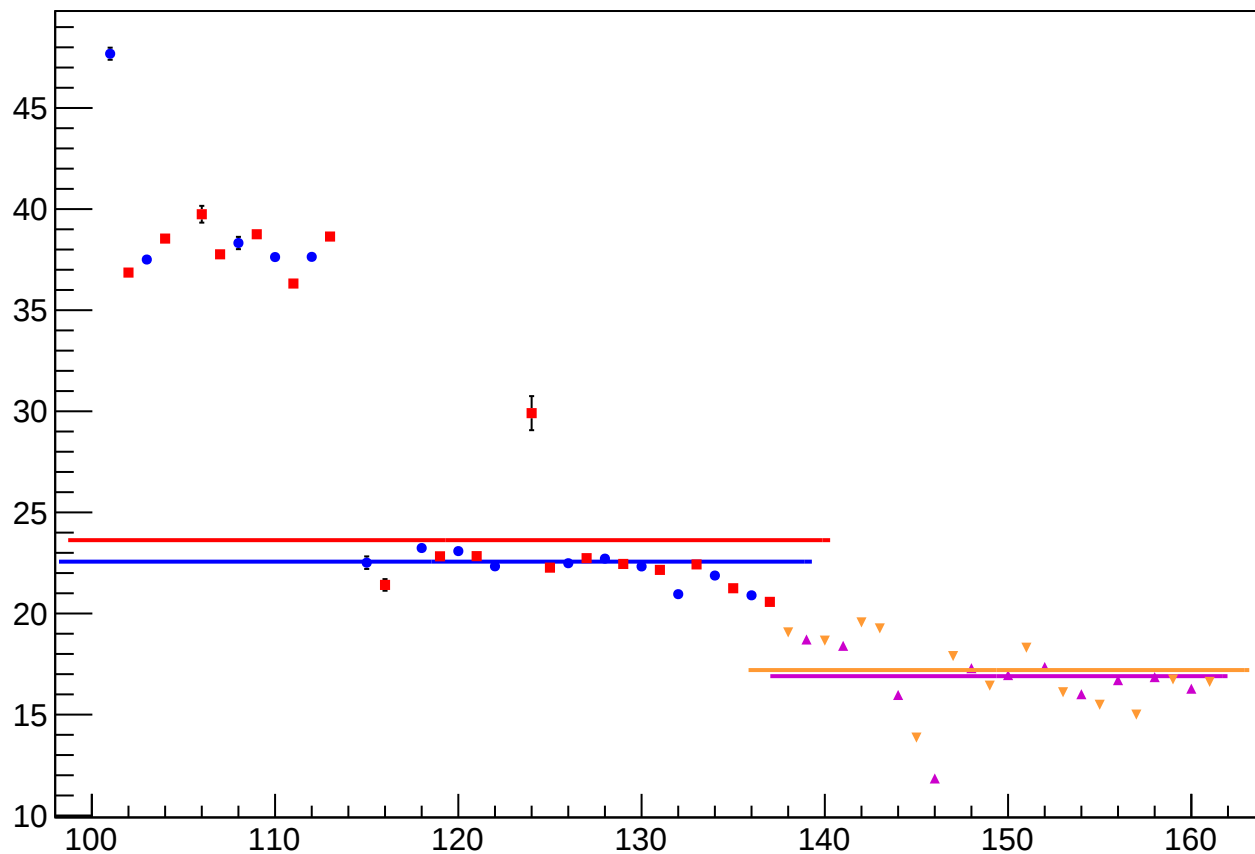
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.477 $\pm$ 0.001 χ^2 /NDF:12284.2/25

Out: 0.474 $\pm$ 0.001 χ^2 /NDF:10651.3/30

All: 0.476 $\pm$ 0.001 χ^2 /NDF: 22938.6/56

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.202 ± 0.007 $\chi^2/\text{NDF}: 44941.5/12$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.901 ± 0.008 $\chi^2/\text{NDF}: 12992.7/10$

Left: 17.068 ± 0.005 $\chi^2/\text{NDF}: 58678.0/23$

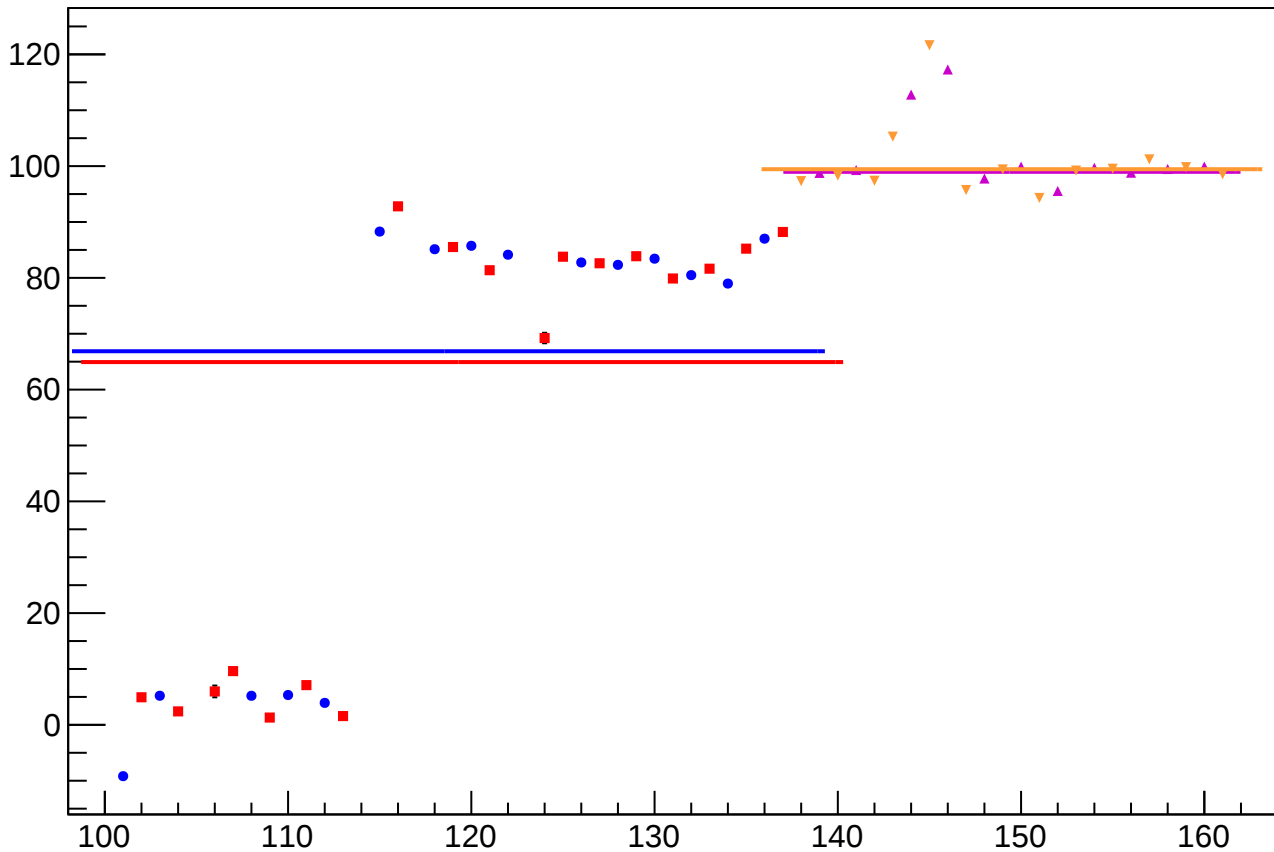
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.136 ± 0.006 $\chi^2/\text{NDF}: 293477.3/25$

Out: 19.140 ± 0.006 $\chi^2/\text{NDF}: 397080.5/30$

All: 19.138 ± 0.004 $\chi^2/\text{NDF}: 690558.0/56$

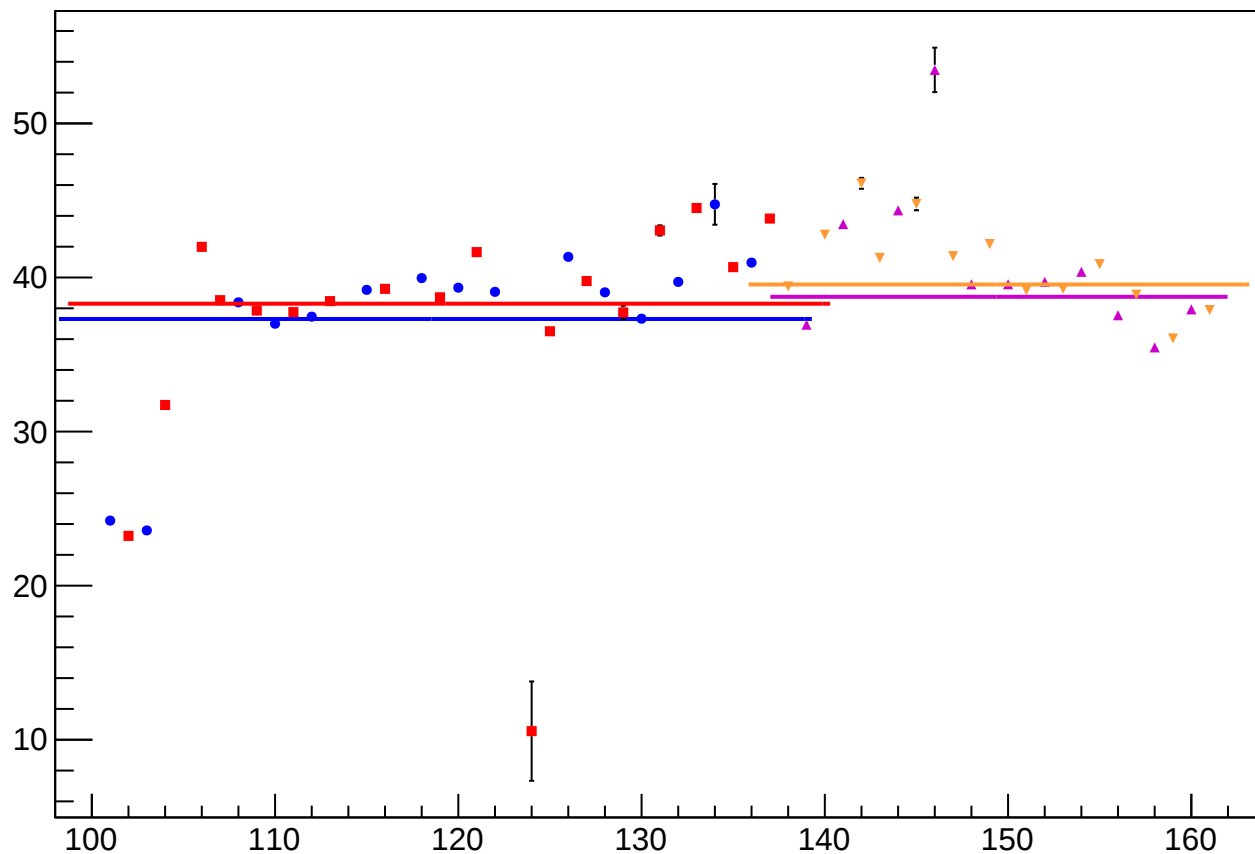
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$
 Left Out: 99.447 ± 0.014 $\chi^2/\text{NDF}: 69198.8/12$
 Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$
 Left In: 98.978 ± 0.014 $\chi^2/\text{NDF}: 15024.4/10$

Left: 99.216 ± 0.010 $\chi^2/\text{NDF}: 84780.2/23$
 Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$
 In: 92.102 ± 0.013 $\chi^2/\text{NDF}: 2615897.8/25$
 Out: 93.222 ± 0.013 $\chi^2/\text{NDF}: 2508880.9/30$
 All: 92.657 ± 0.009 $\chi^2/\text{NDF}: 5128751.5/56$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.546 ± 0.038 $\chi^2/\text{NDF}: 3876.1/12$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.748 ± 0.029 $\chi^2/\text{NDF}: 5265.4/10$

Left: 39.044 ± 0.023 $\chi^2/\text{NDF}: 9419.6/23$

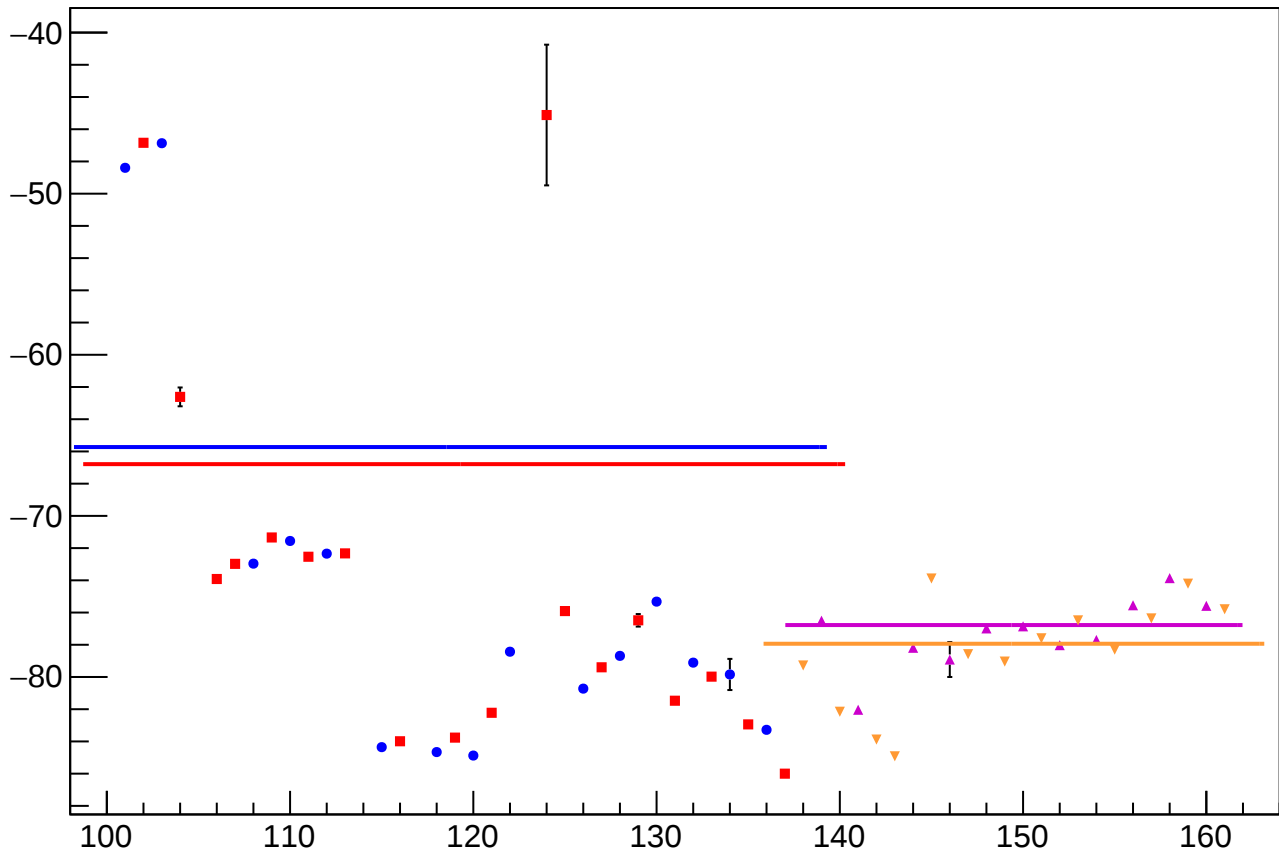
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.862 ± 0.018 $\chi^2/\text{NDF}: 66344.5/25$

Out: 38.581 ± 0.018 $\chi^2/\text{NDF}: 23550.4/30$

All: 38.223 ± 0.013 $\chi^2/\text{NDF}: 90686.3/56$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -77.937 ± 0.032 $\chi^2/\text{NDF}: 11192.1/12$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.776 ± 0.023 $\chi^2/\text{NDF}: 4724.4/10$

Left: -77.185 ± 0.019 $\chi^2/\text{NDF}: 16793.9/23$

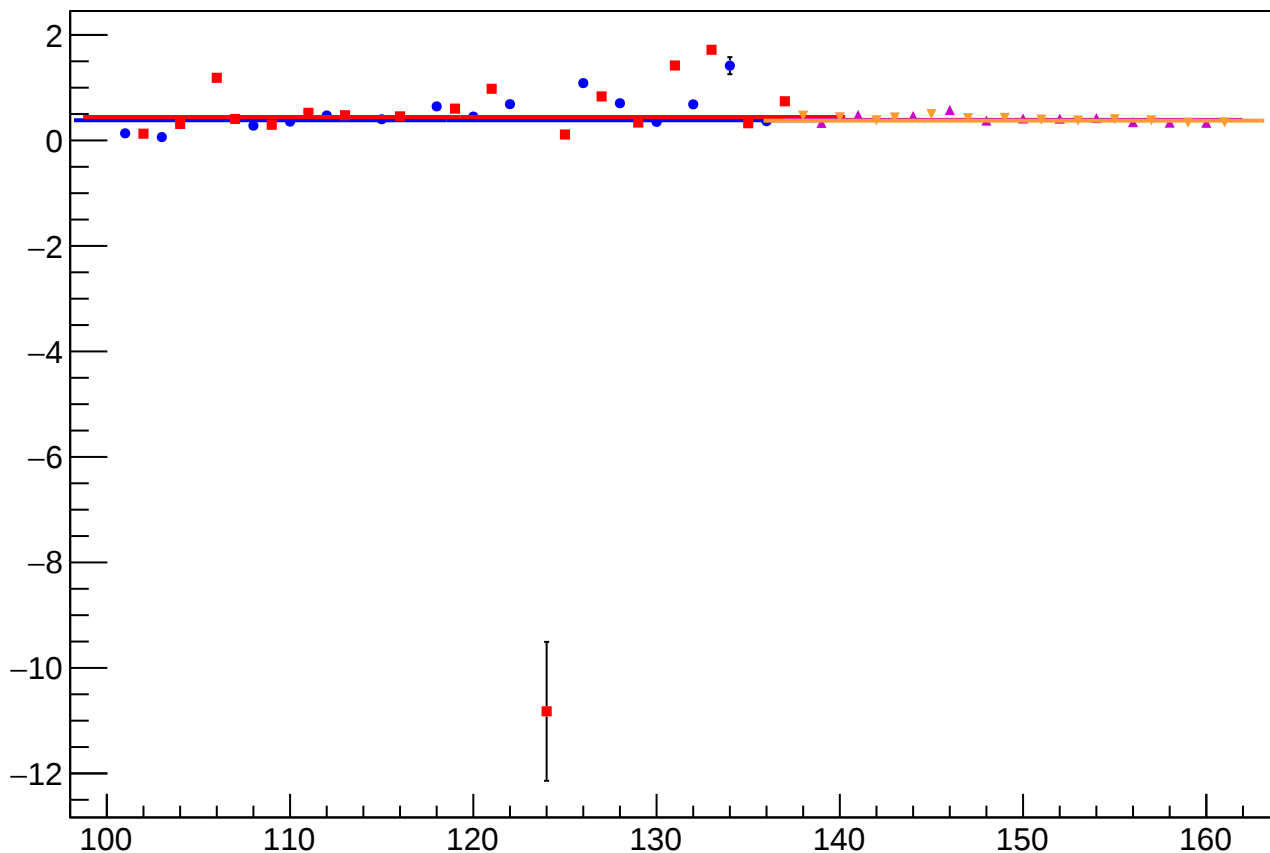
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.529 ± 0.014 $\chi^2/\text{NDF}: 1055691.8/25$

Out: -69.028 ± 0.014 $\chi^2/\text{NDF}: 920488.3/30$

All: -69.287 ± 0.010 $\chi^2/\text{NDF}: 1976829.6/56$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5350.9/12

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.390 $\pm$ 0.001 χ^2 /NDF: 6096.7/10

Left: 0.383 $\pm$ 0.000 χ^2 /NDF: 11771.4/23

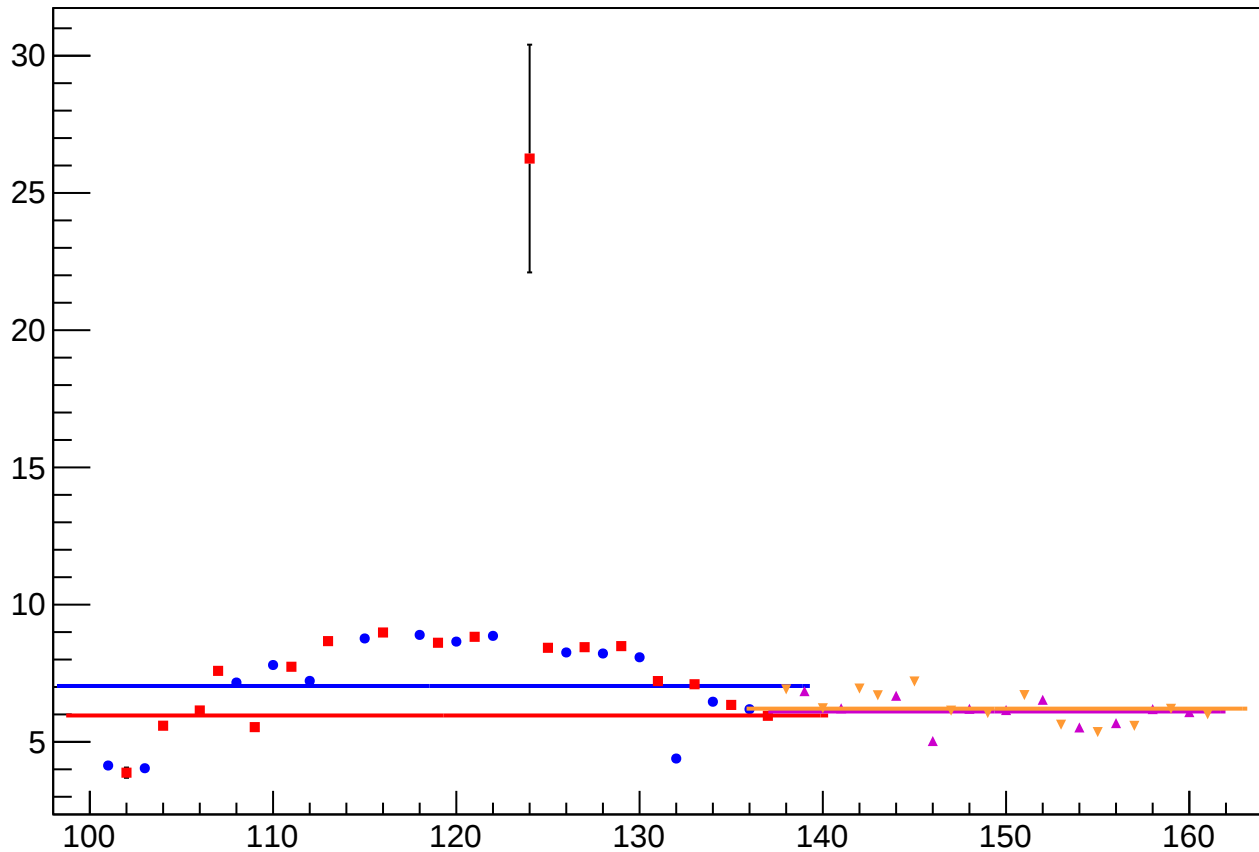
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.389 $\pm$ 0.001 χ^2 /NDF: 14283.7/25

Out: 0.377 $\pm$ 0.001 χ^2 /NDF: 8482.5/30

All: 0.383 $\pm$ 0.000 χ^2 /NDF: 23008.3/56

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.211 ± 0.002 χ^2/NDF : 25470.6/12

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.107 ± 0.002 χ^2/NDF : 27762.2/10

Left: 6.152 ± 0.001 χ^2/NDF : 54801.1/23

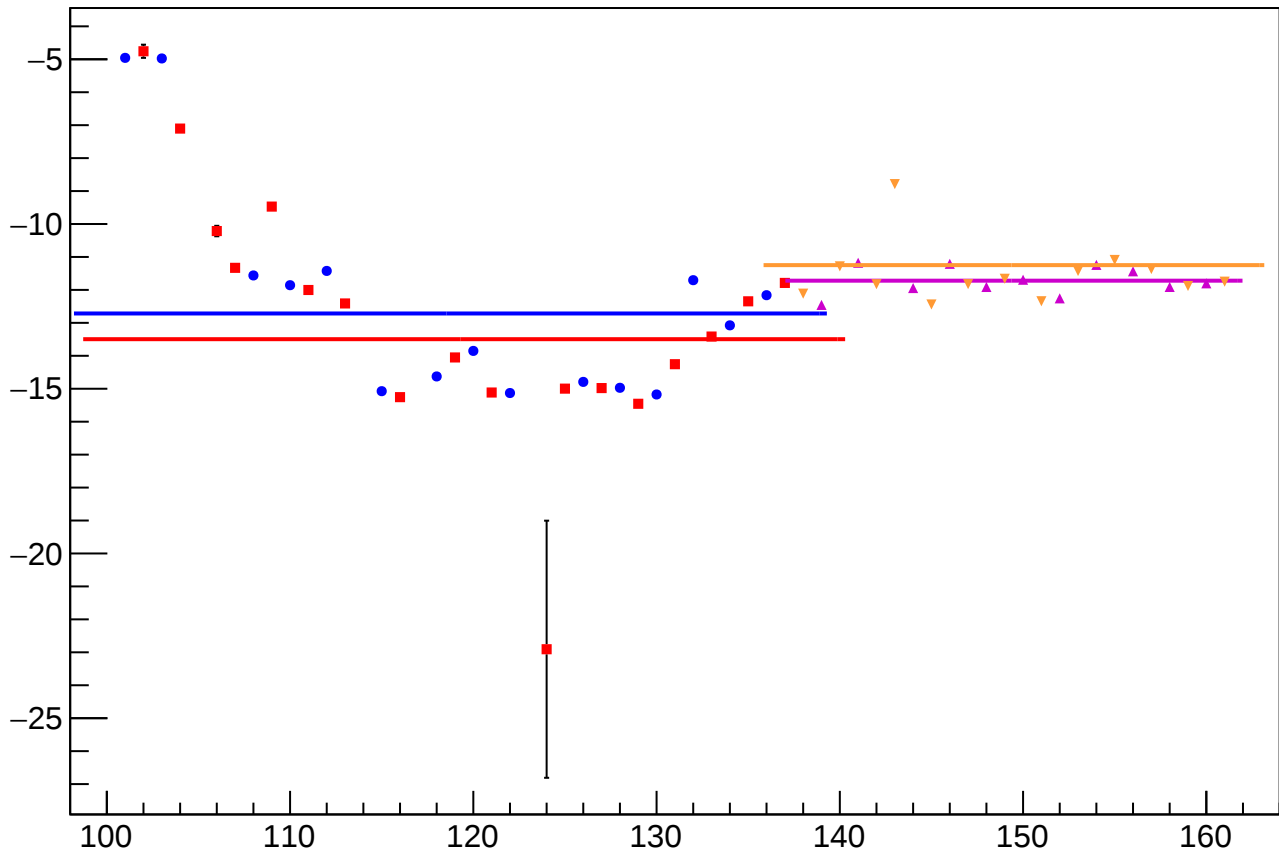
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.224 ± 0.002 χ^2/NDF : 134554.2/25

Out: 5.972 ± 0.000 χ^2/NDF : 209068.0/30

All: 5.987 ± 0.000 χ^2/NDF : 366904.6/56

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.248 $\pm$ 0.003 χ^2 /NDF:196216.2/12

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.720 $\pm$ 0.002 χ^2 /NDF:12301.1/10

Left: -11.501 $\pm$ 0.002 χ^2 /NDF: 226306.9/23

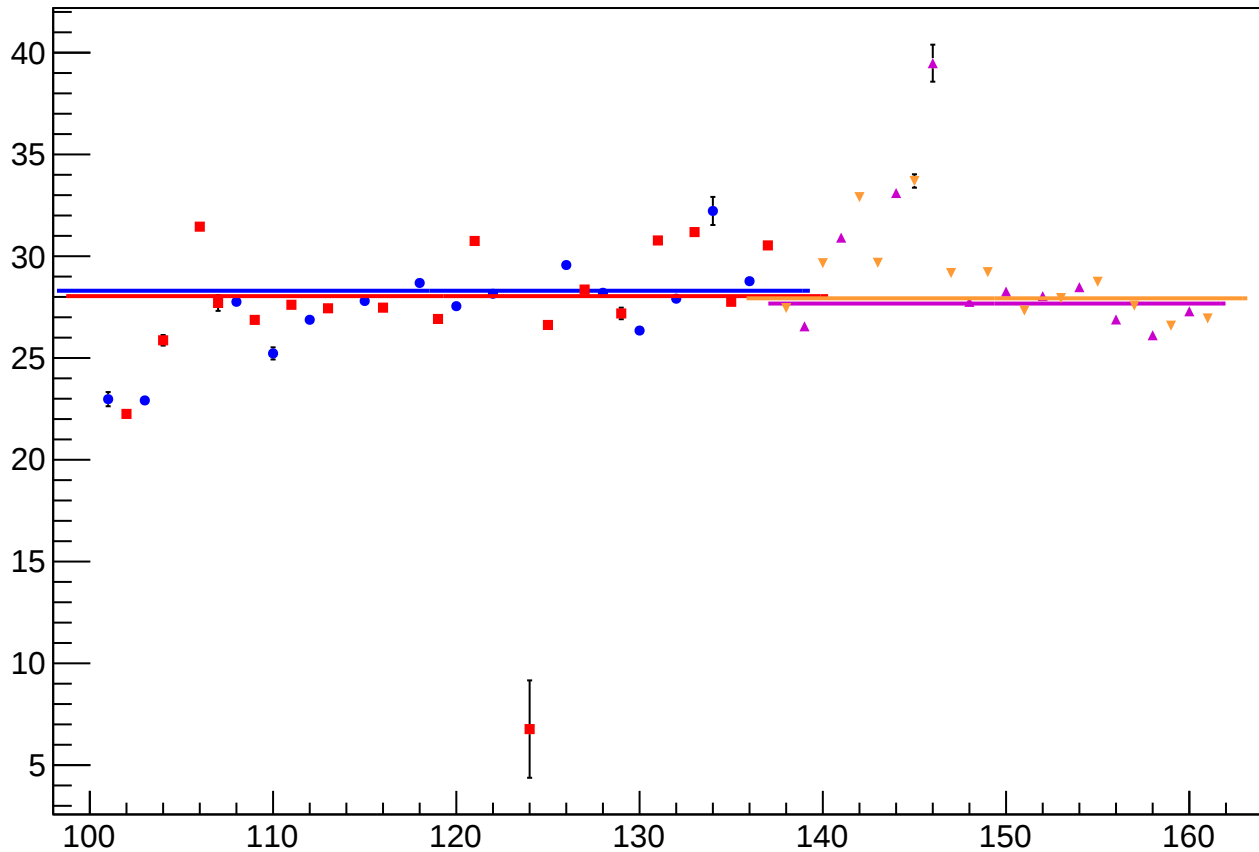
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.845 $\pm$ 0.002 χ^2 /NDF:118823.9/25

Out: -11.620 $\pm$ 0.002 χ^2 /NDF:376824.2/30

All: -11.738 $\pm$ 0.002 χ^2 /NDF: 500363.5/56

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.932 ± 0.022 $\chi^2/\text{NDF}: 3526.4/12$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.675 ± 0.017 $\chi^2/\text{NDF}: 4532.4/10$

Left: 27.774 ± 0.014 $\chi^2/\text{NDF}: 8142.6/23$

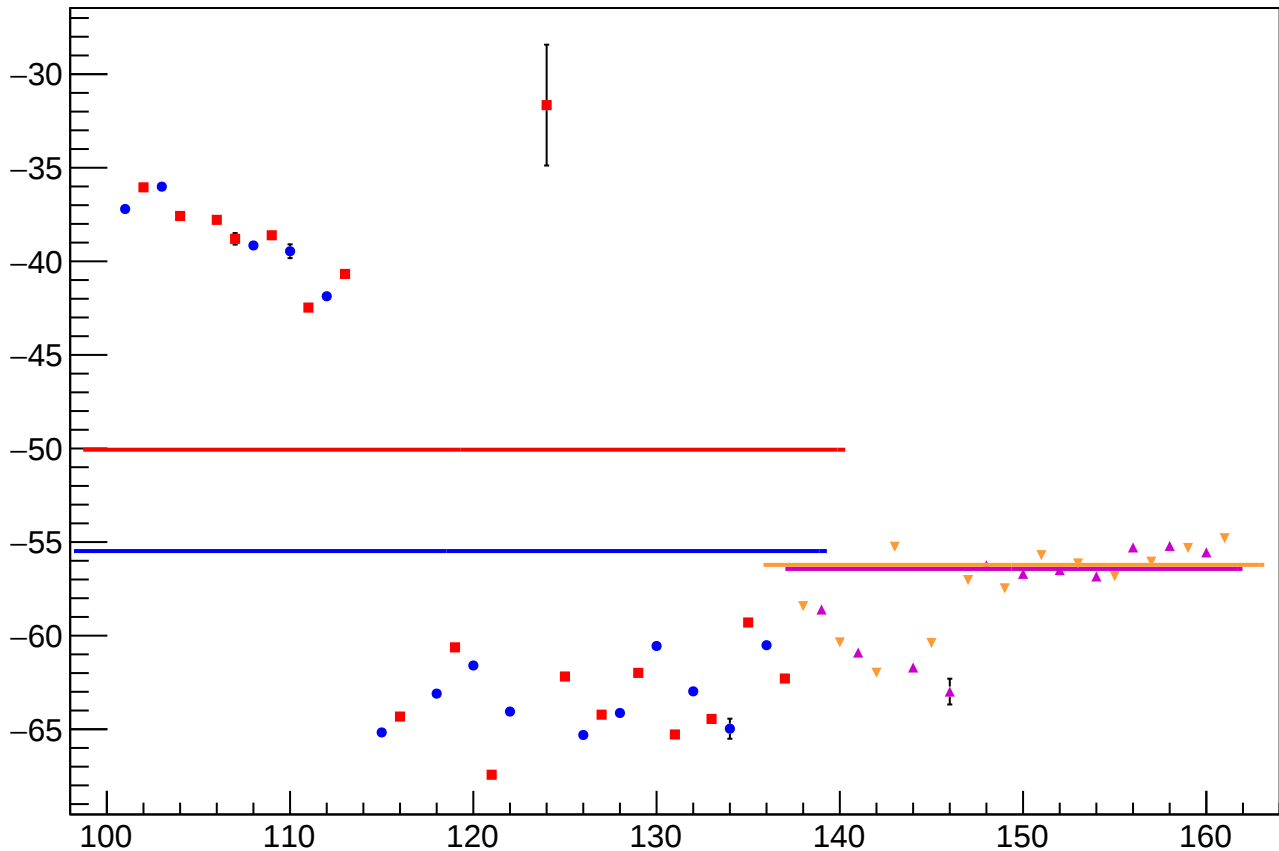
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.903 ± 0.014 $\chi^2/\text{NDF}: 8405.7/25$

Out: 27.969 ± 0.018 $\chi^2/\text{NDF}: 6096.2/30$

All: 27.928 ± 0.011 $\chi^2/\text{NDF}: 14510.4/56$

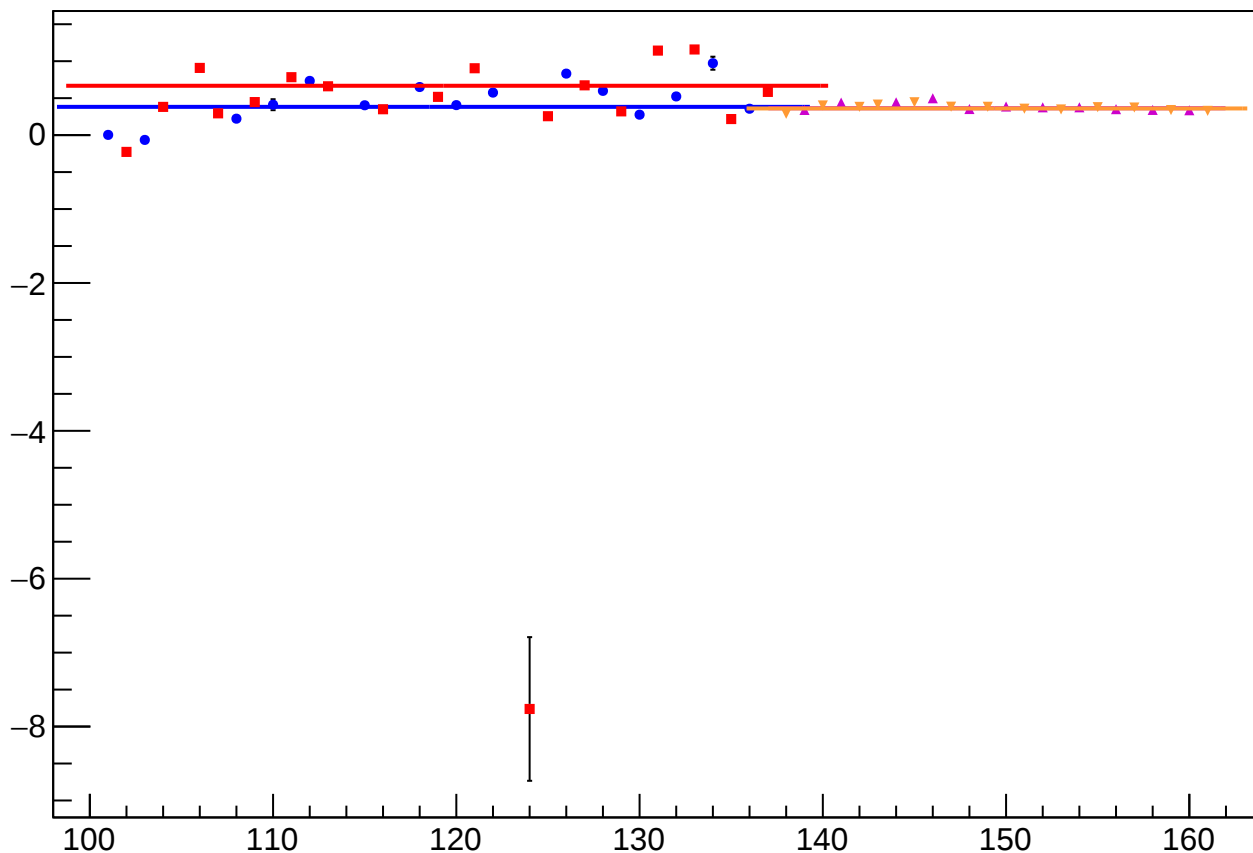
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.217 ± 0.019 $\chi^2/\text{NDF}: 6256.2/12$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.436 ± 0.015 $\chi^2/\text{NDF}: 7911.0/10$

Left: -56.352 ± 0.012 $\chi^2/\text{NDF}: 14252.7/23$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.016 ± 0.011 $\chi^2/\text{NDF}: 604920.3/25$
 Out: -53.792 ± 0.015 $\chi^2/\text{NDF}: 389221.1/30$
 All: -55.207 ± 0.009 $\chi^2/\text{NDF}: 1009073.2/56$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.361 $\pm$ 0.000 χ^2 /NDF:3847.4/12

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.363 $\pm$ 0.000 χ^2 /NDF:4874.8/10

Left: 0.362 $\pm$ 0.000 χ^2 /NDF: 8746.1/23

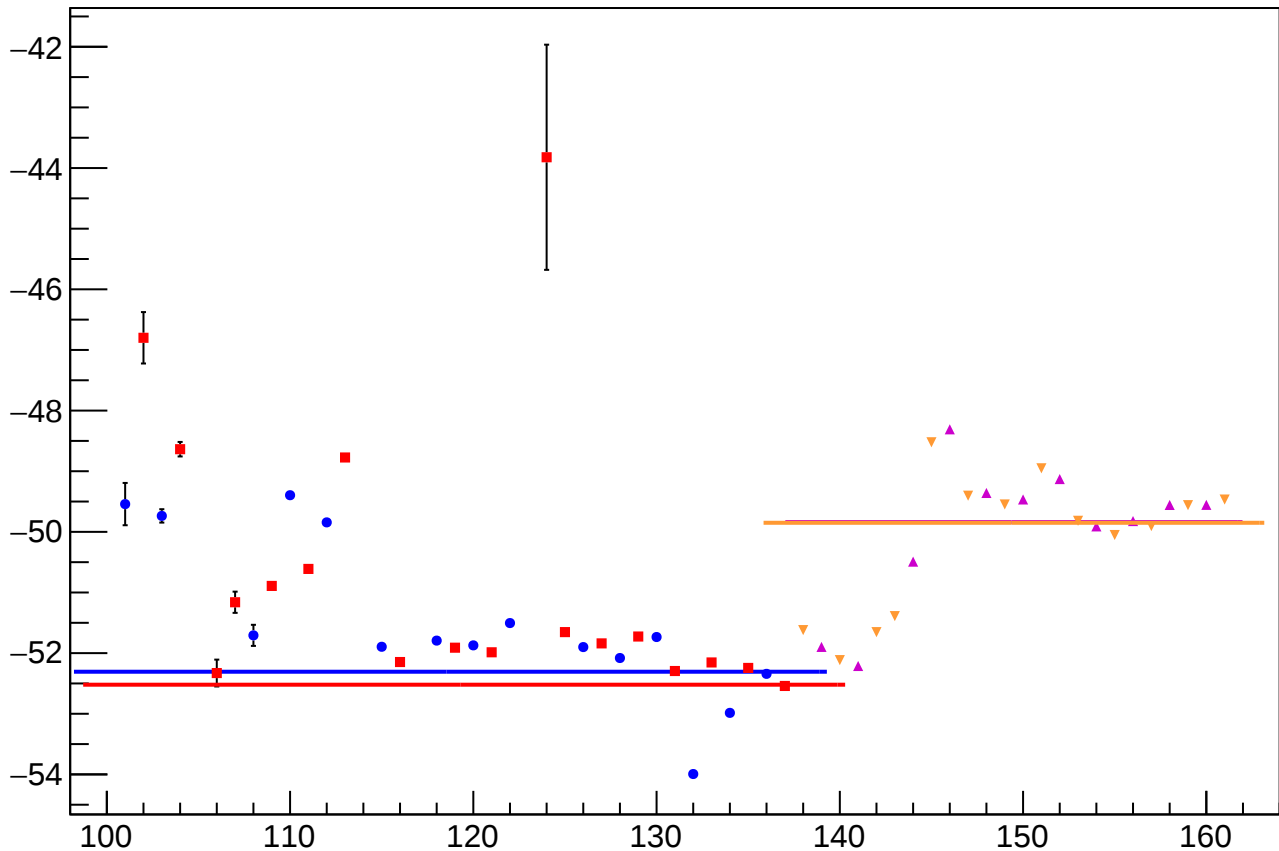
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.364 $\pm$ 0.000 χ^2 /NDF:9601.3/25

Out: 0.363 $\pm$ 0.000 χ^2 /NDF:11954.5/30

All: 0.364 $\pm$ 0.000 χ^2 /NDF: 21559.9/56

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.850 $\pm$ 0.002 χ^2 /NDF: 165611.6/12

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.838 $\pm$ 0.002 χ^2 /NDF: 232394.5/10

Left: -49.844 $\pm$ 0.001 χ^2 /NDF: 398030.1/23

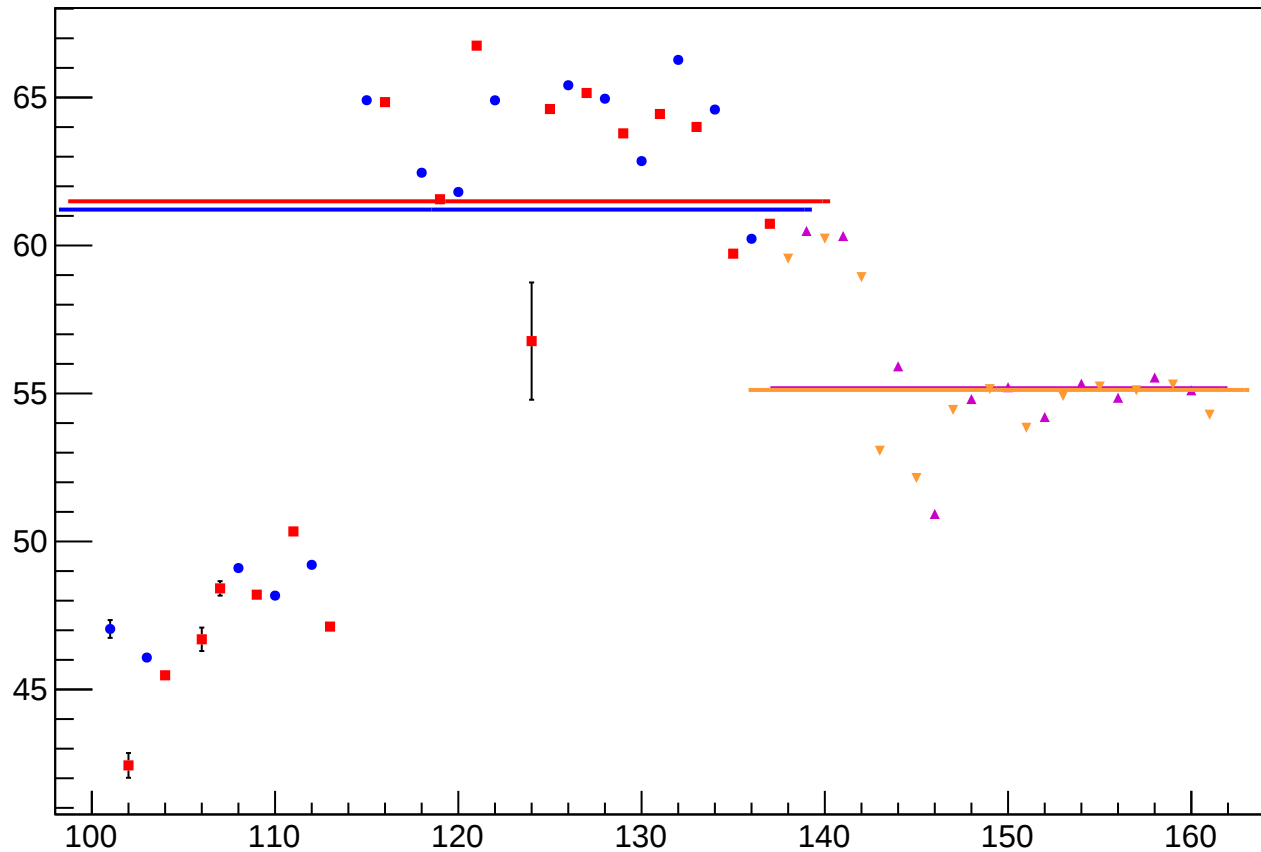
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.217 $\pm$ 0.002 χ^2 /NDF: 600370.4/25

Out: -51.778 $\pm$ 0.001 χ^2 /NDF: 1811110.0/30

All: -51.348 $\pm$ 0.001 χ^2 /NDF: 3175864.2/56

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.120 ± 0.004 χ^2/NDF : 199702.1/12

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.177 ± 0.003 χ^2/NDF : 60987.3/10

Left: 55.153 ± 0.002 χ^2/NDF : 260832.2/23

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.719 ± 0.003 χ^2/NDF : 554035.5/25

Out: 56.583 ± 0.003 χ^2/NDF : 1136769.9/30

All: 56.117 ± 0.002 χ^2/NDF : 1729602.7/56

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

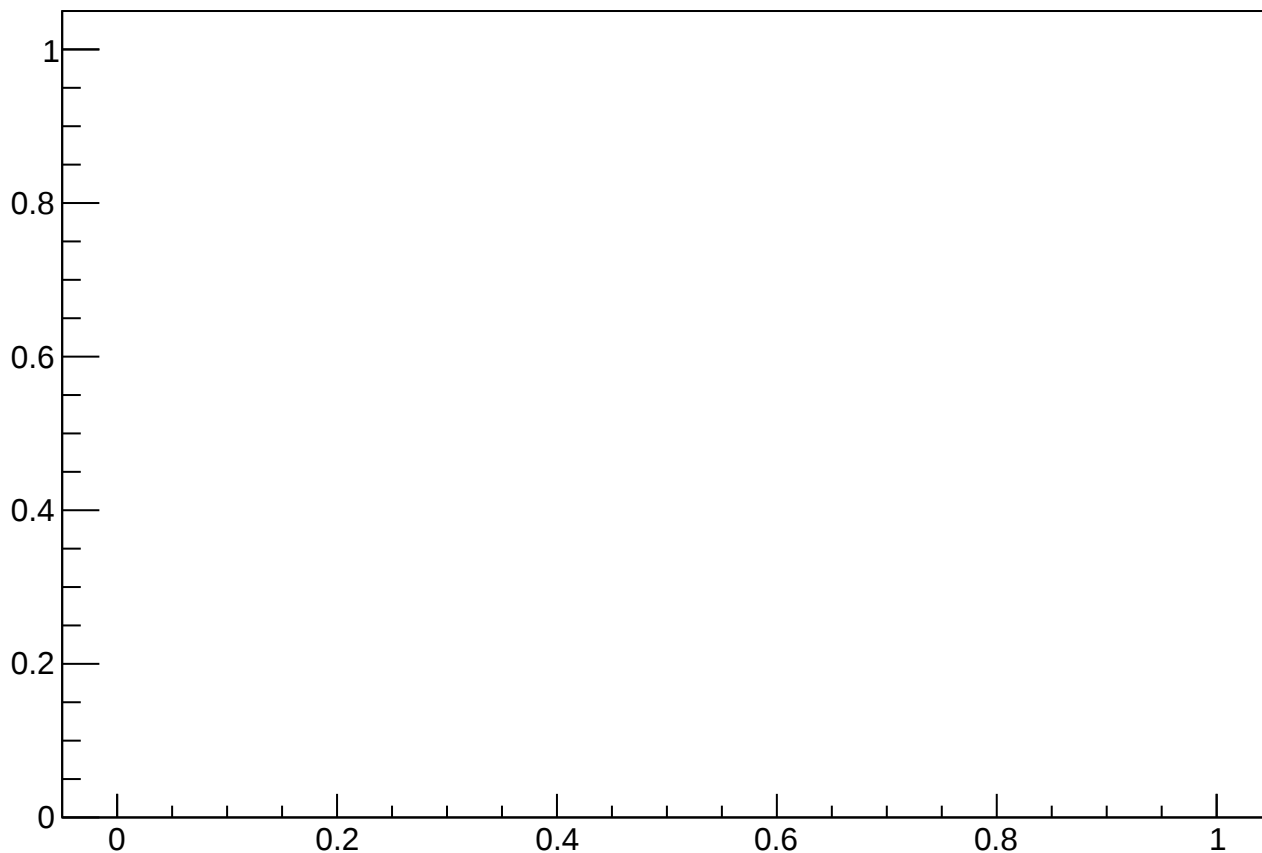
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

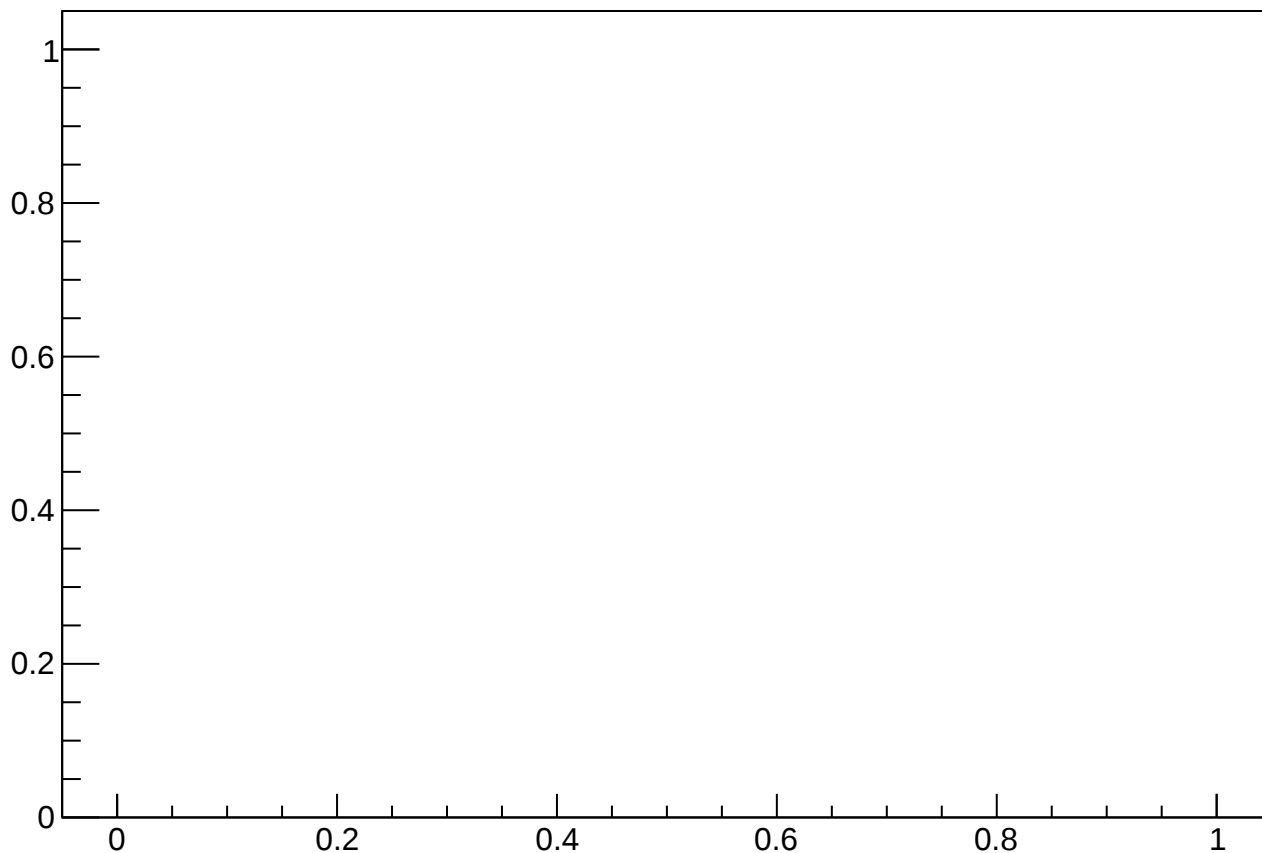
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

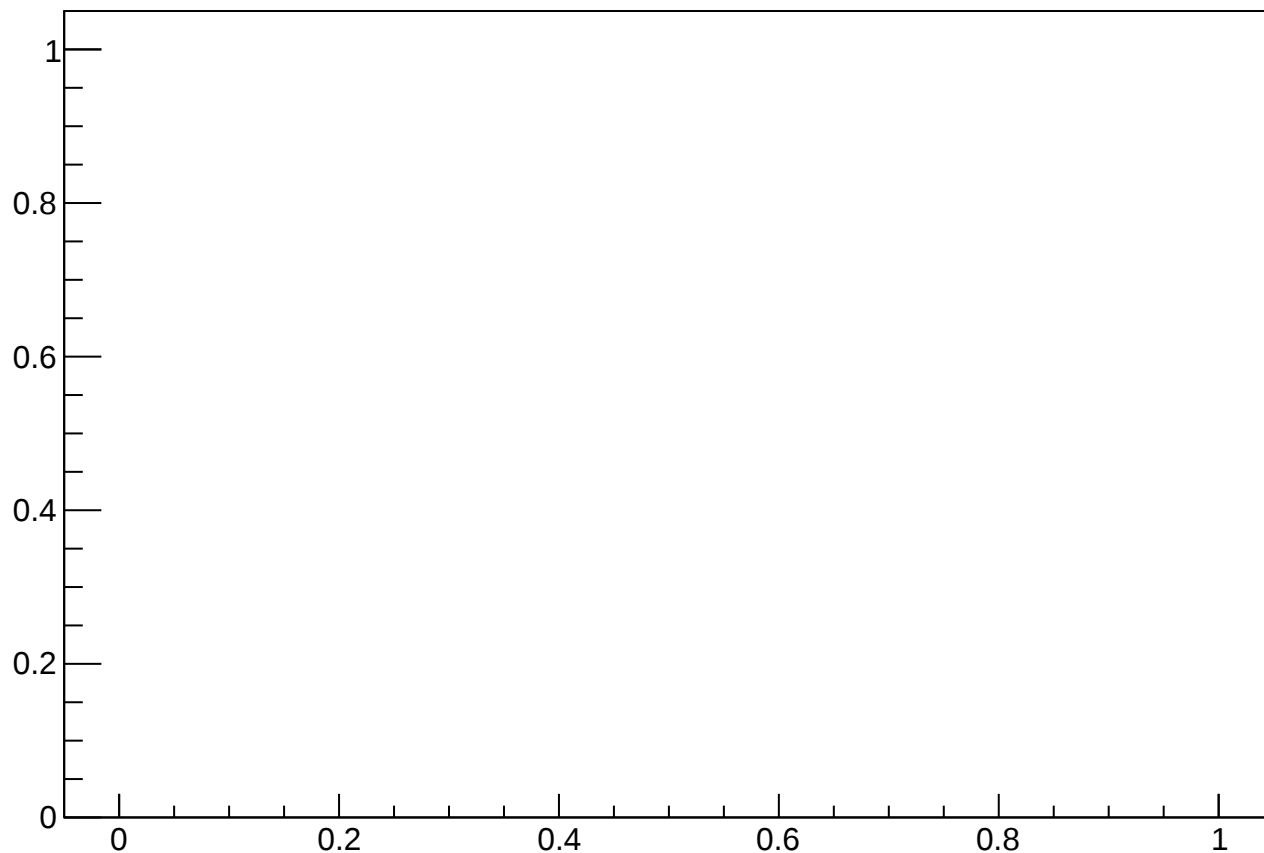
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

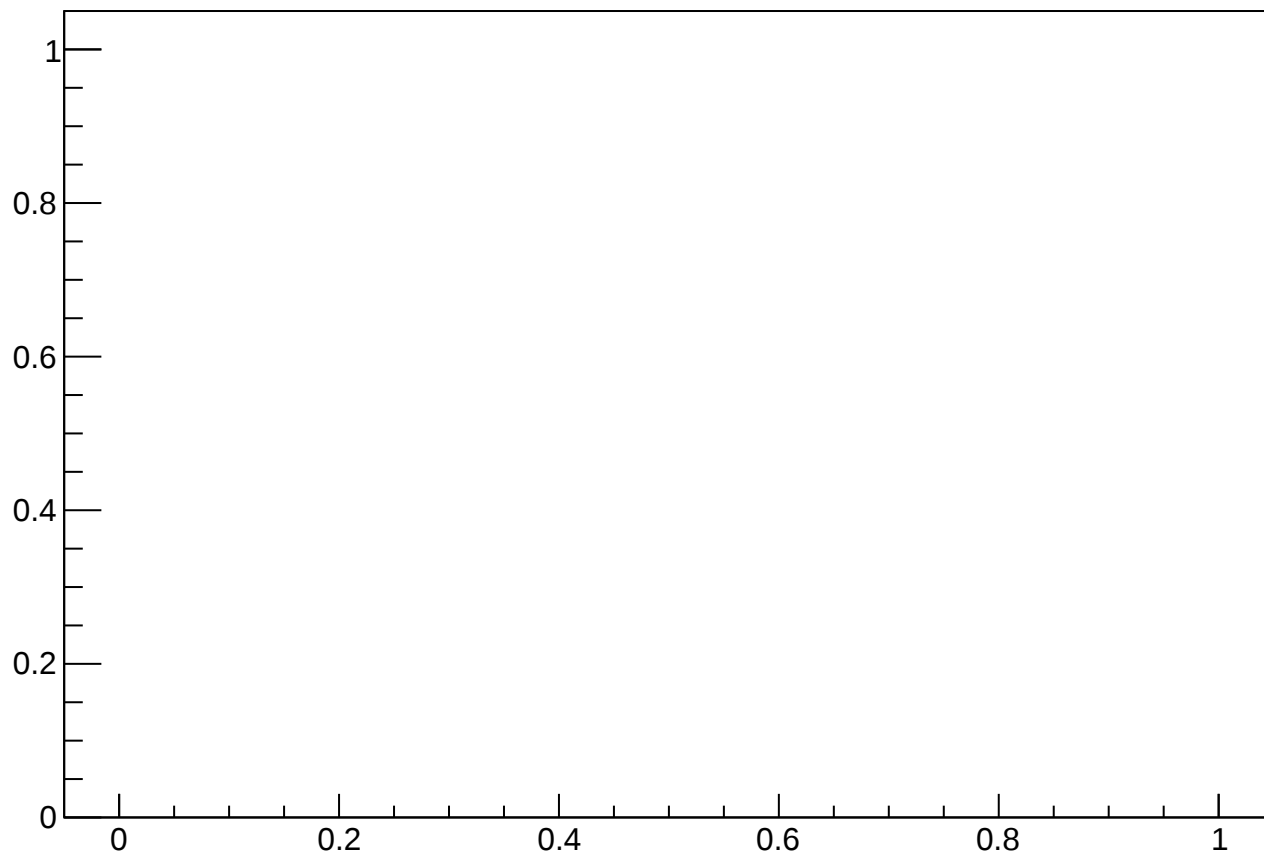
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

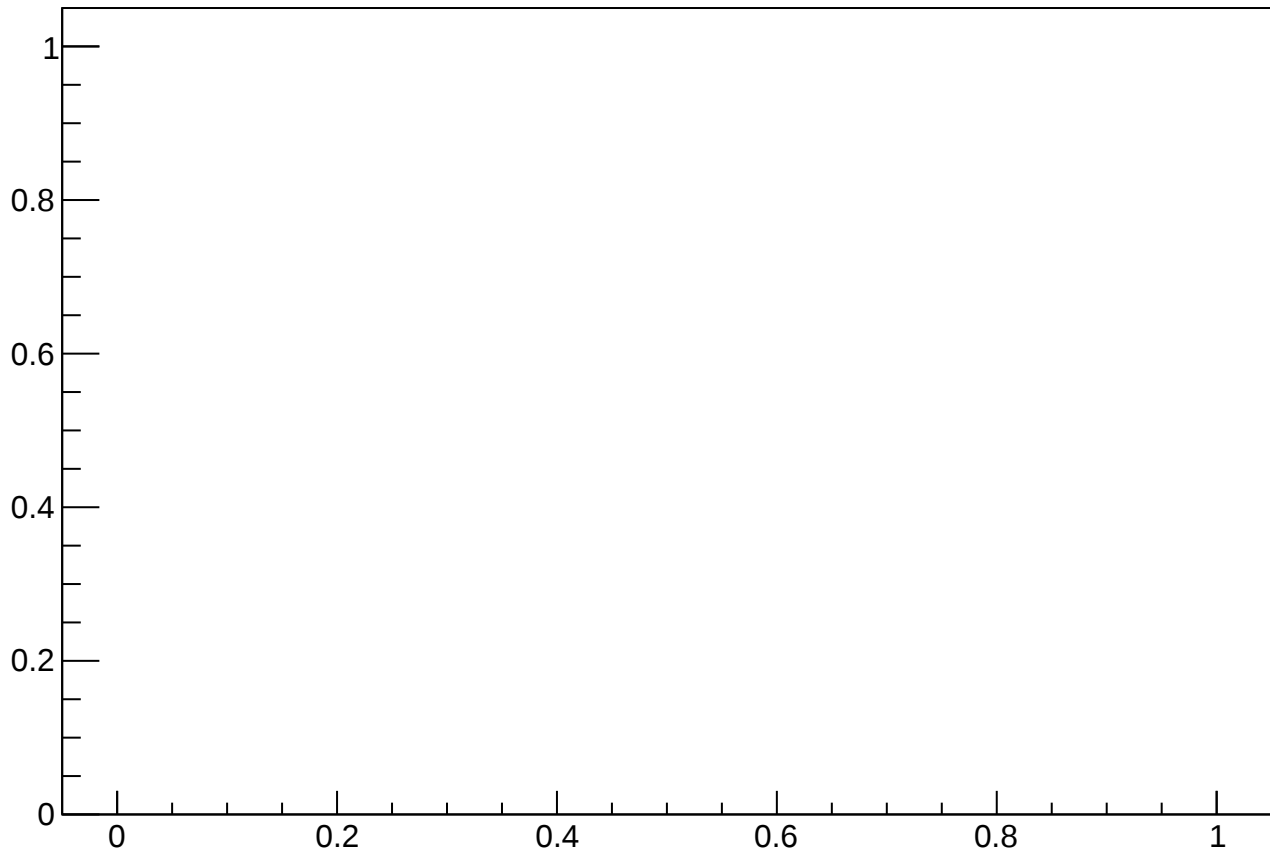
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

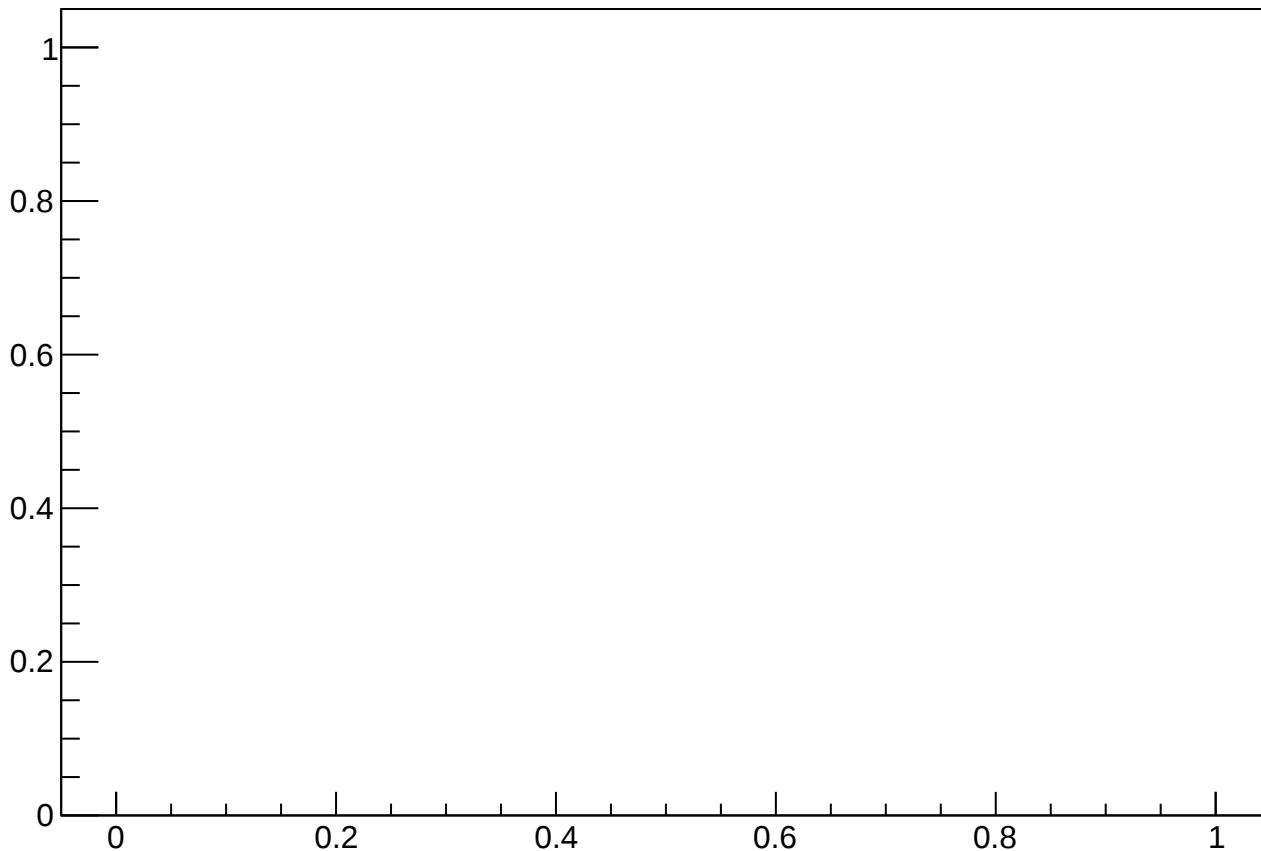
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

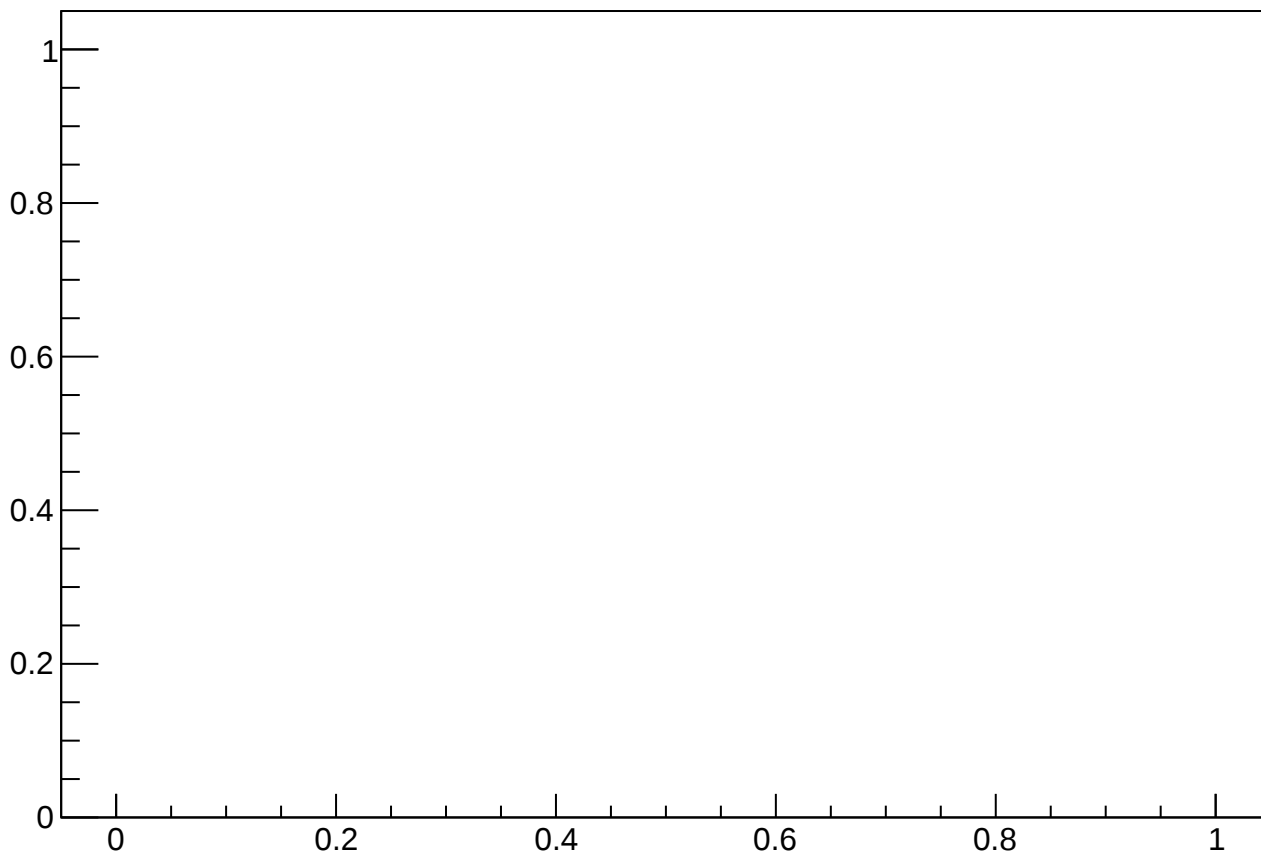
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

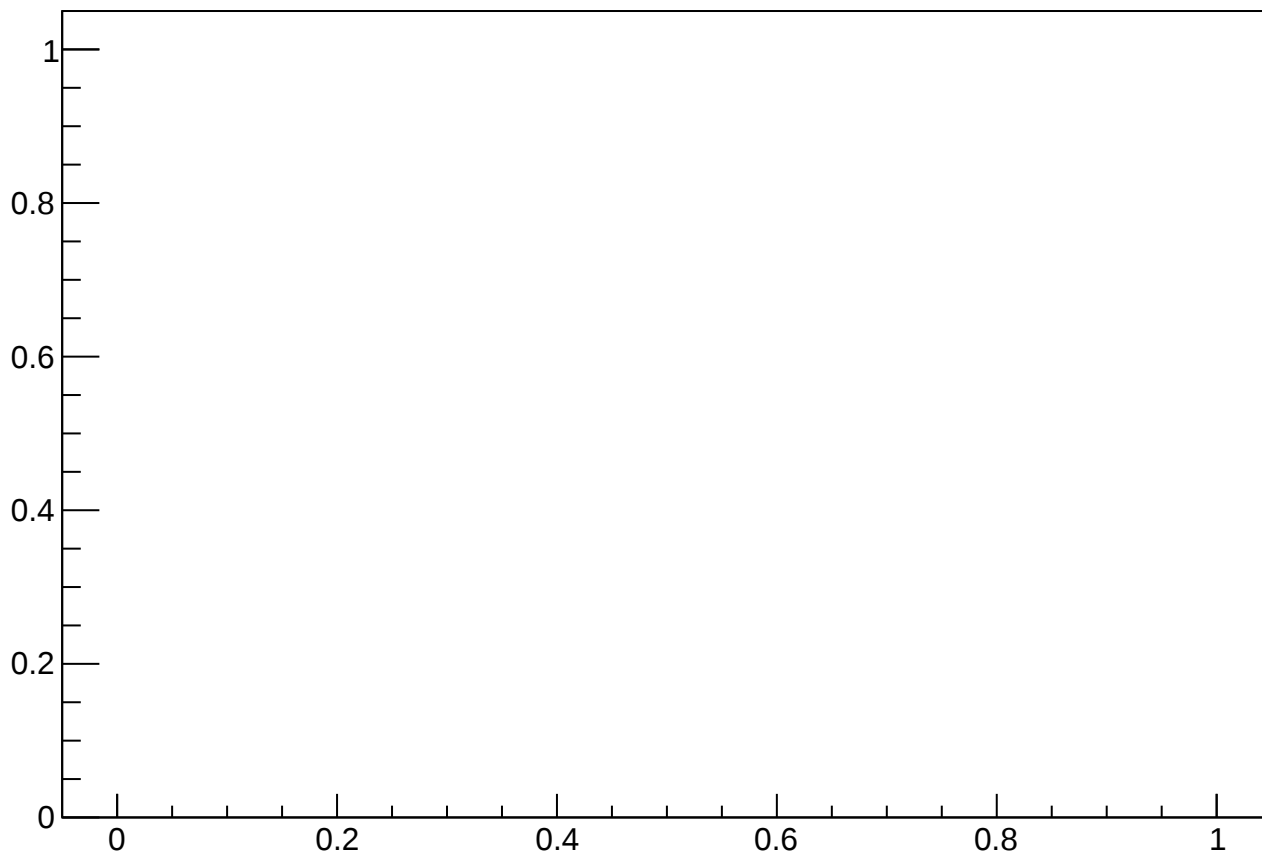
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

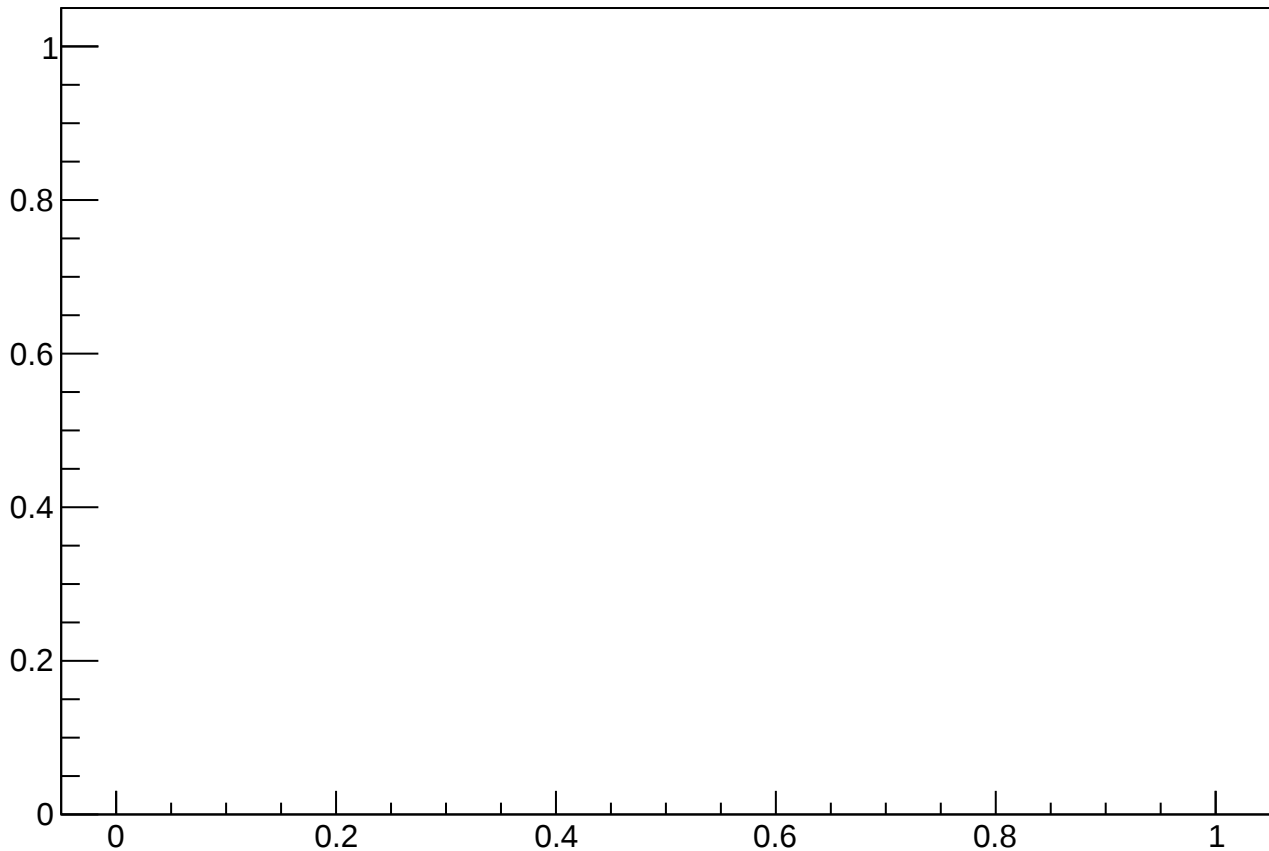
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

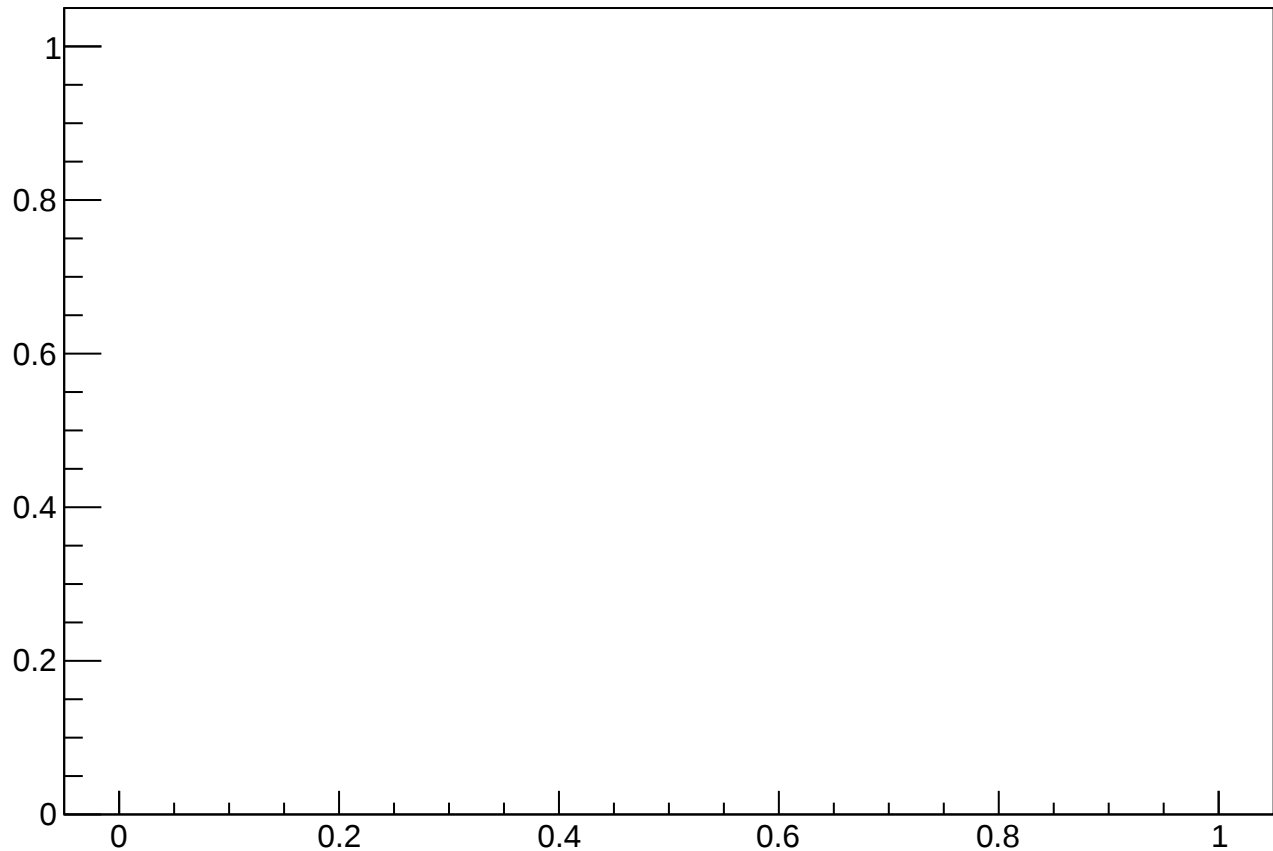
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

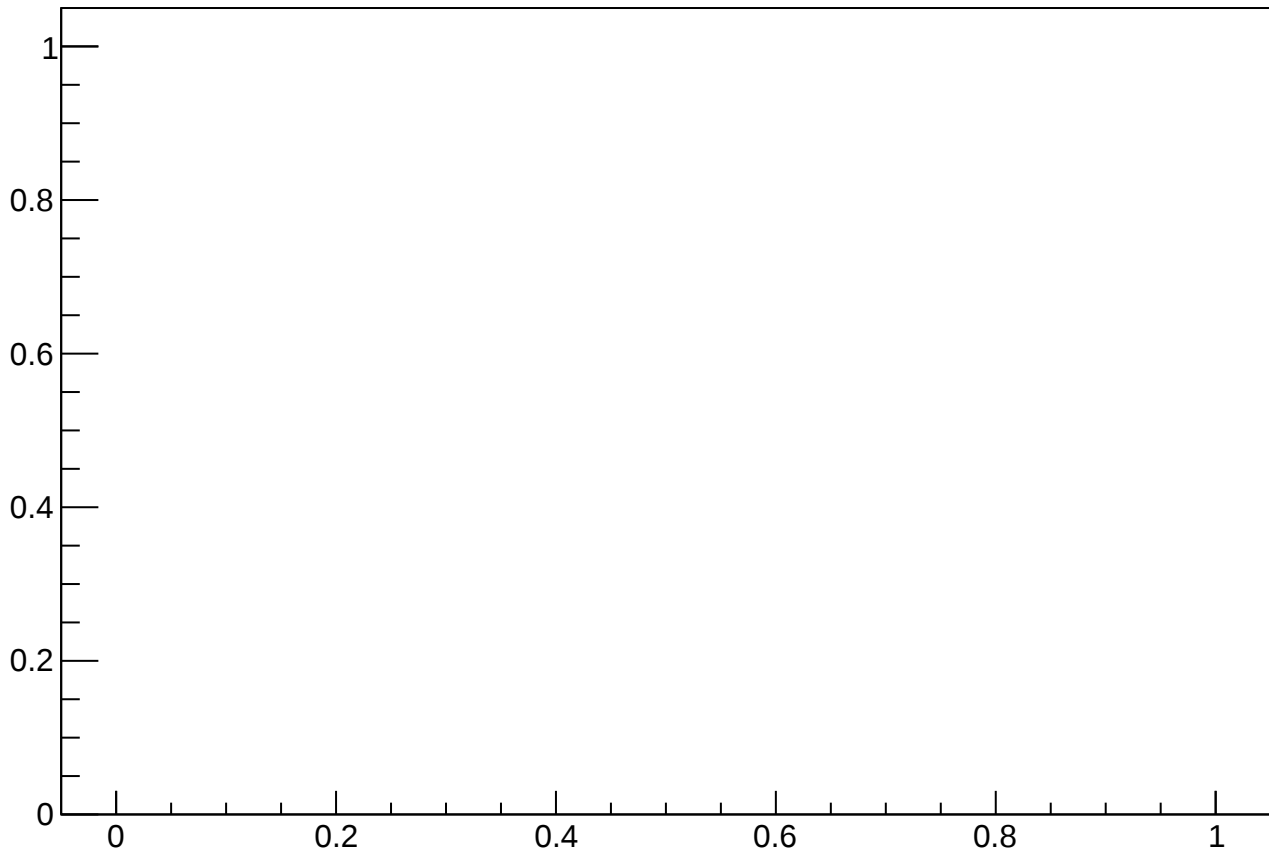
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

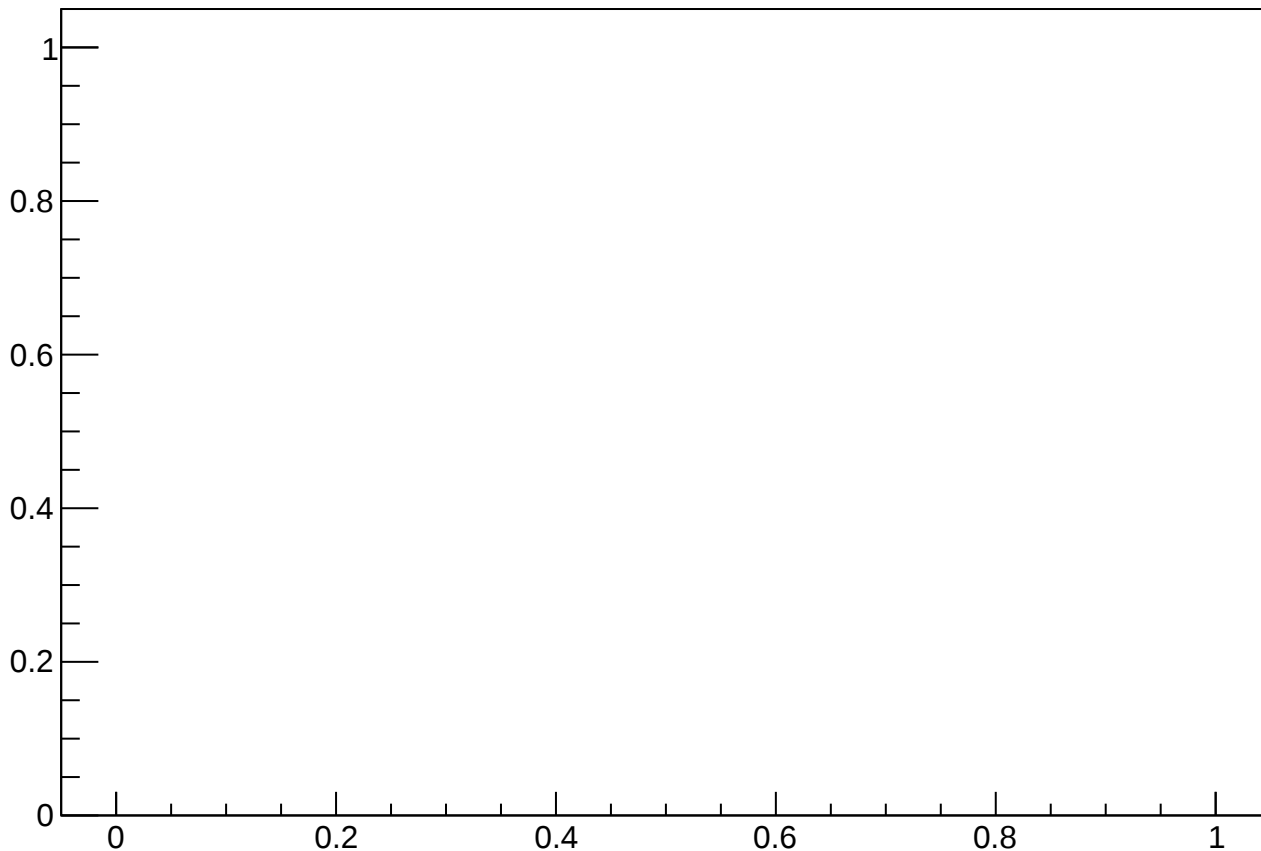
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

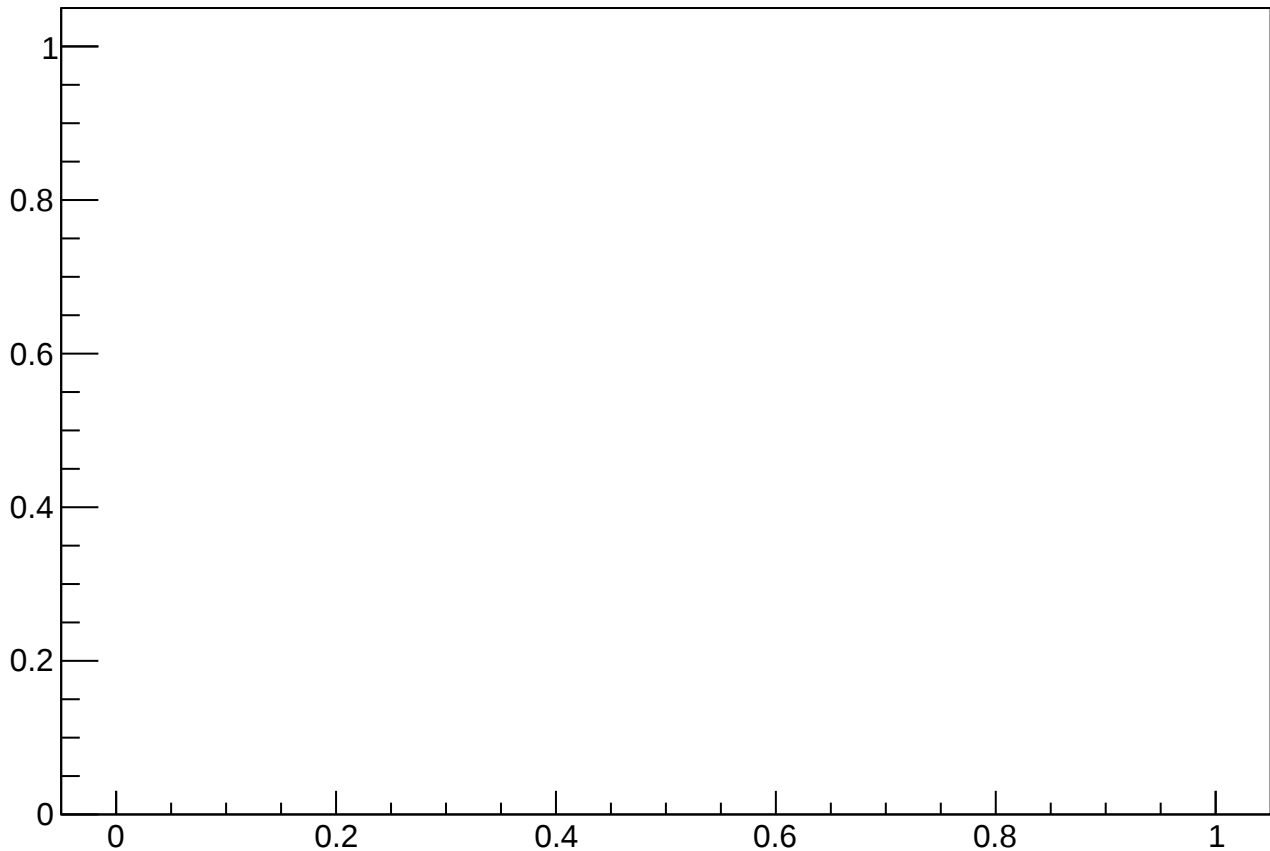
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

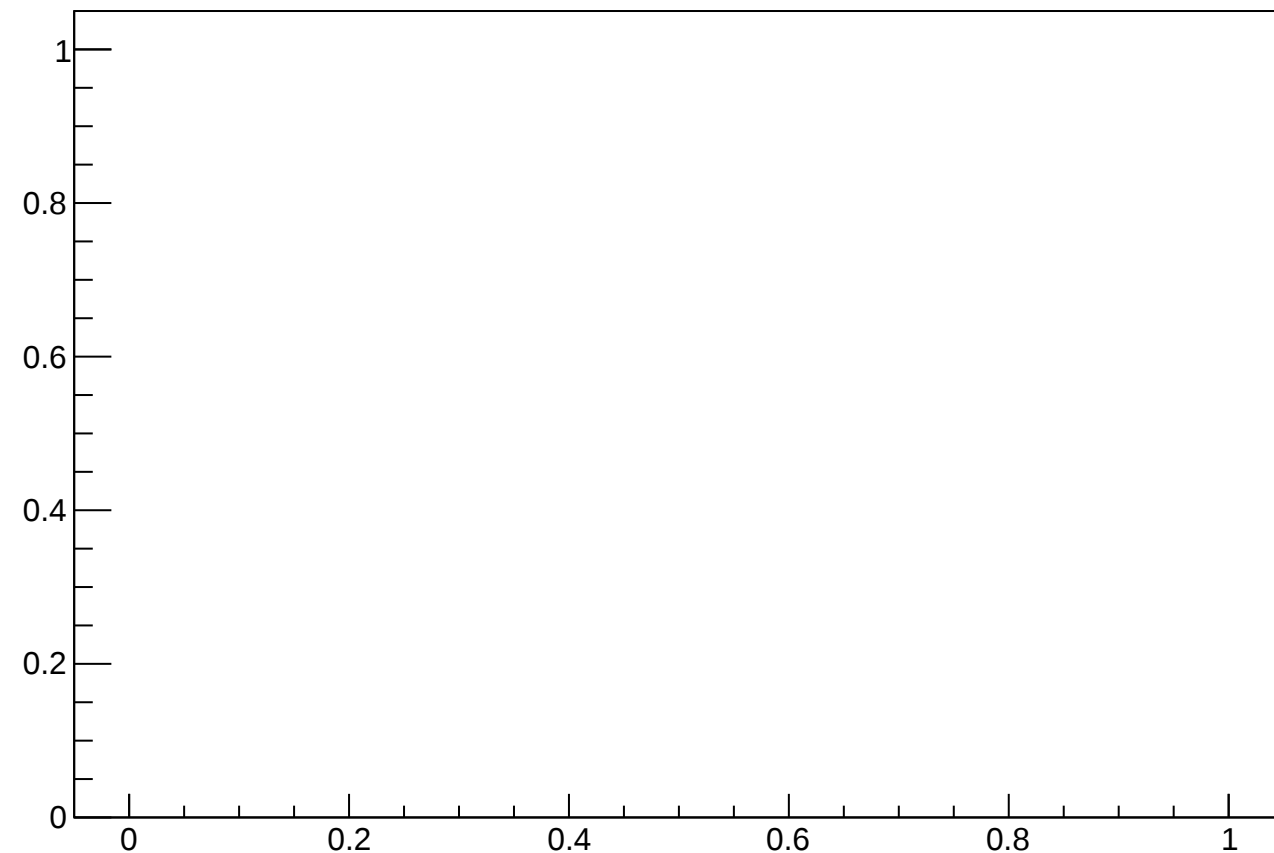
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

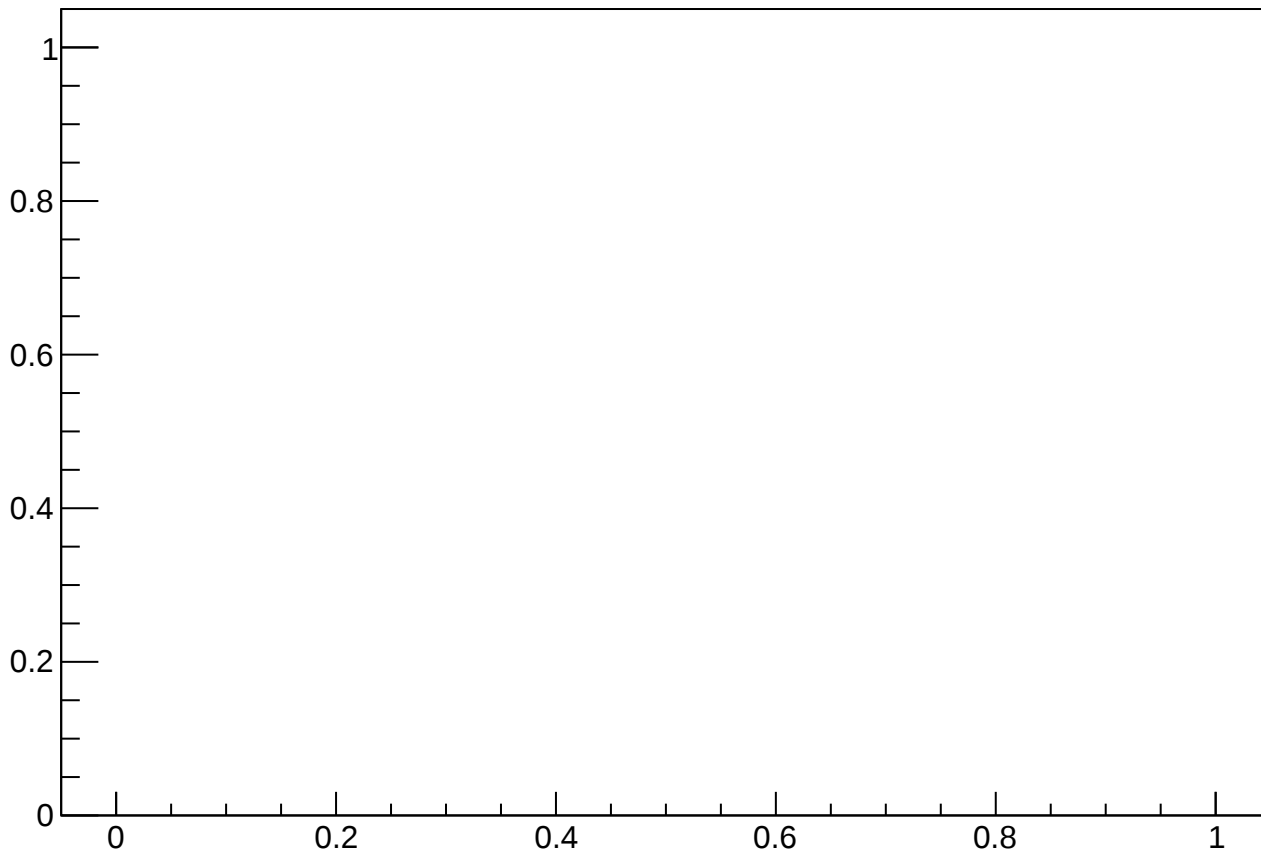
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

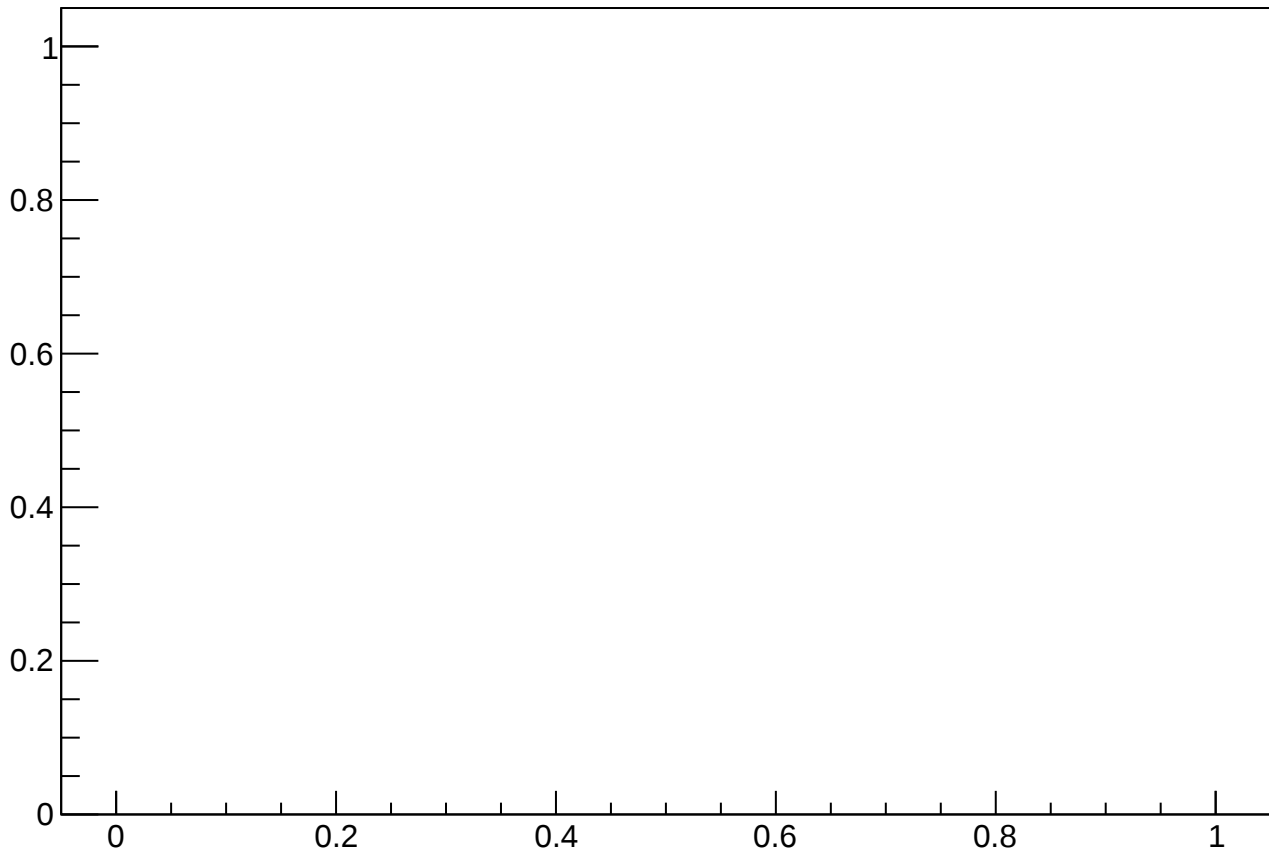
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

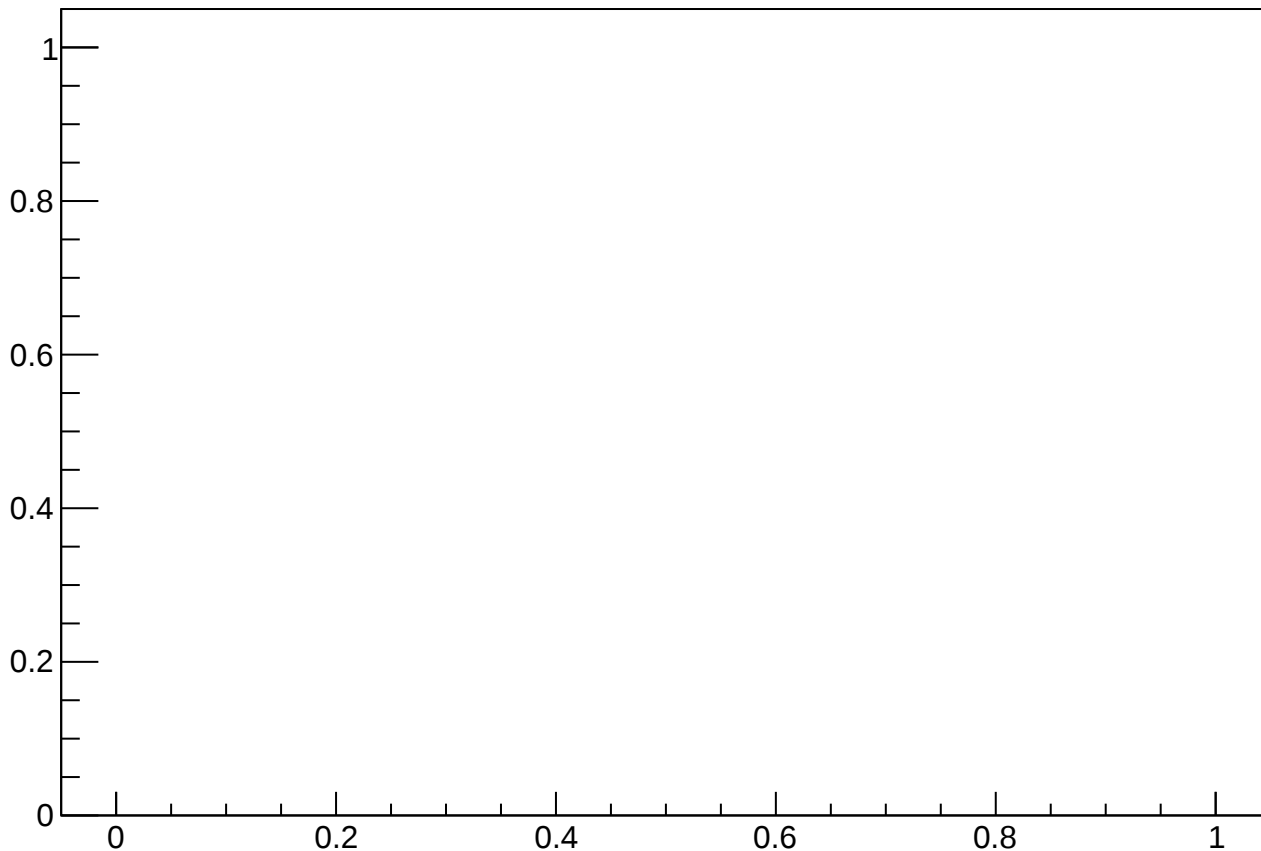
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

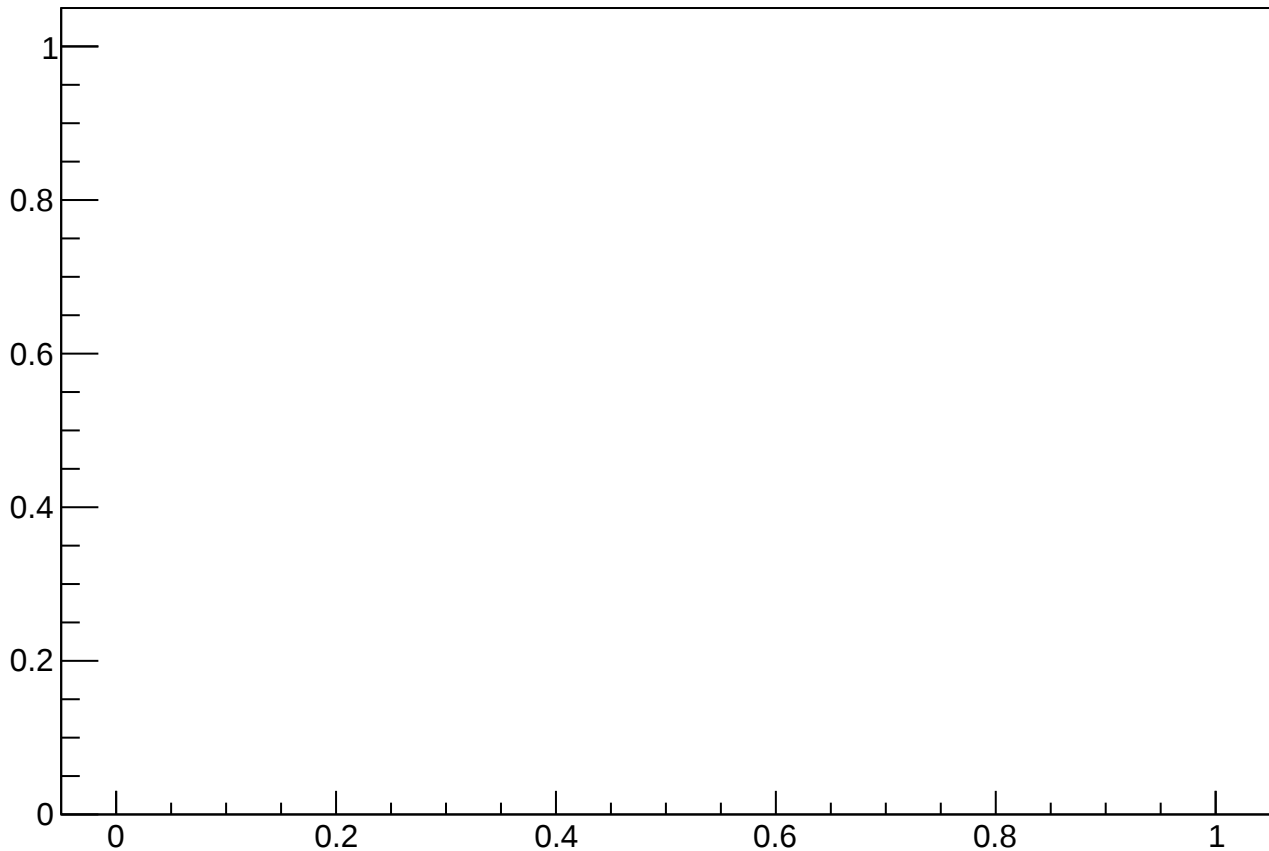
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

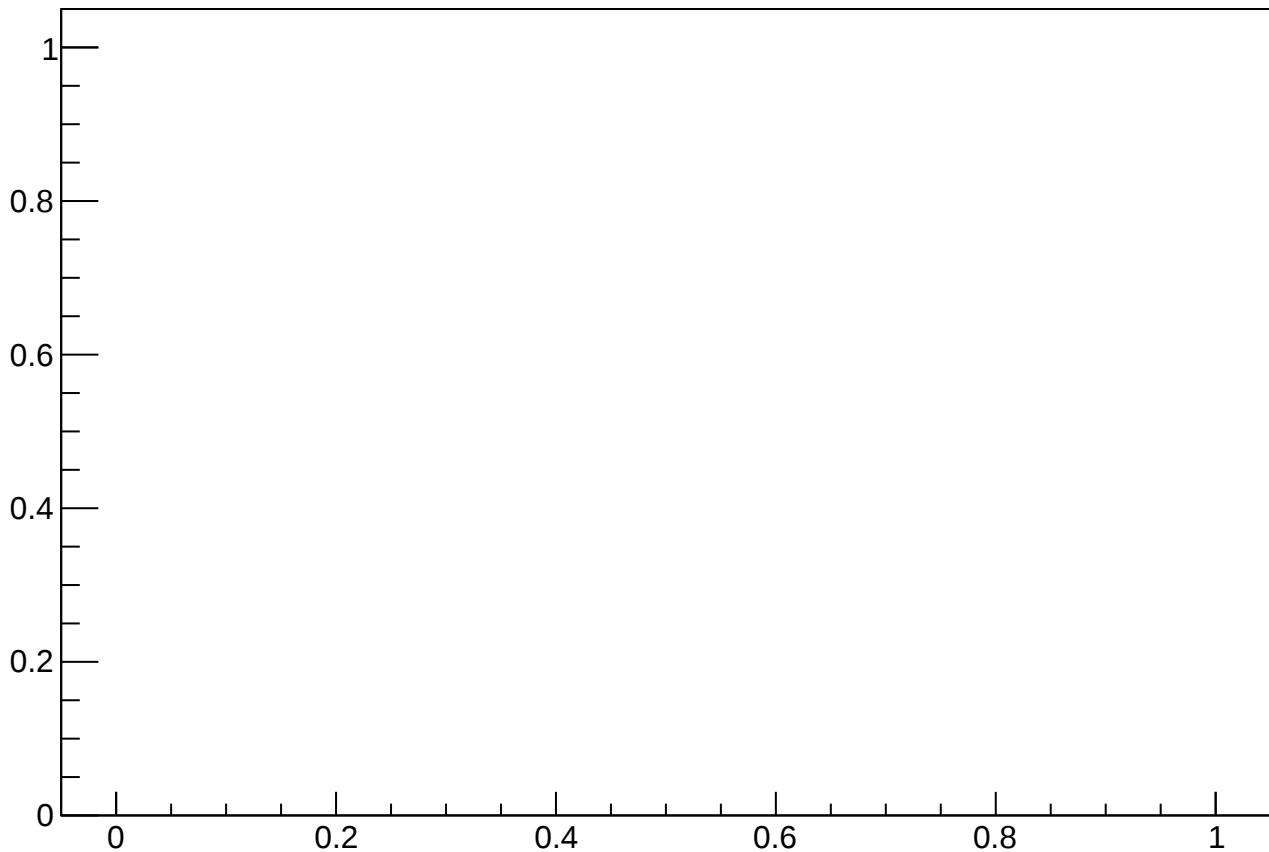
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

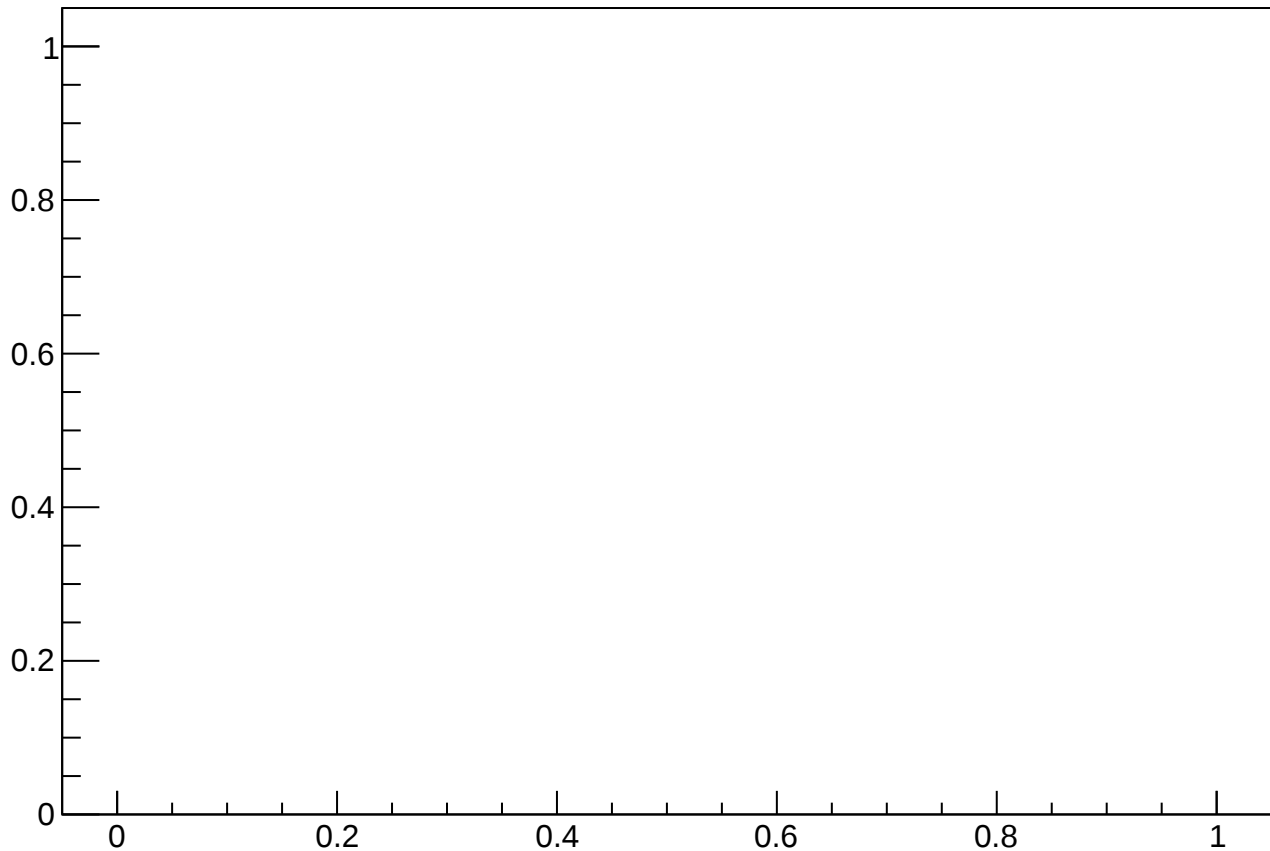
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

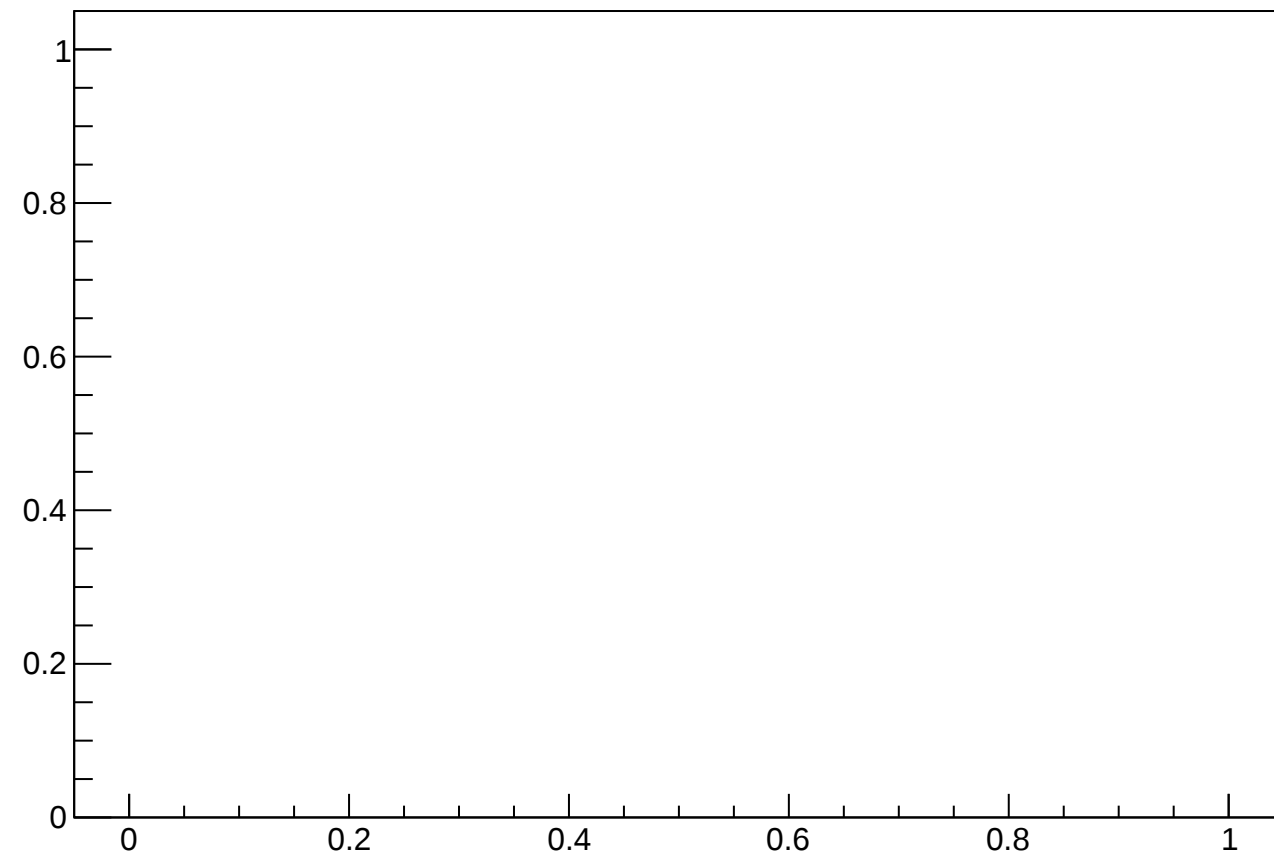
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

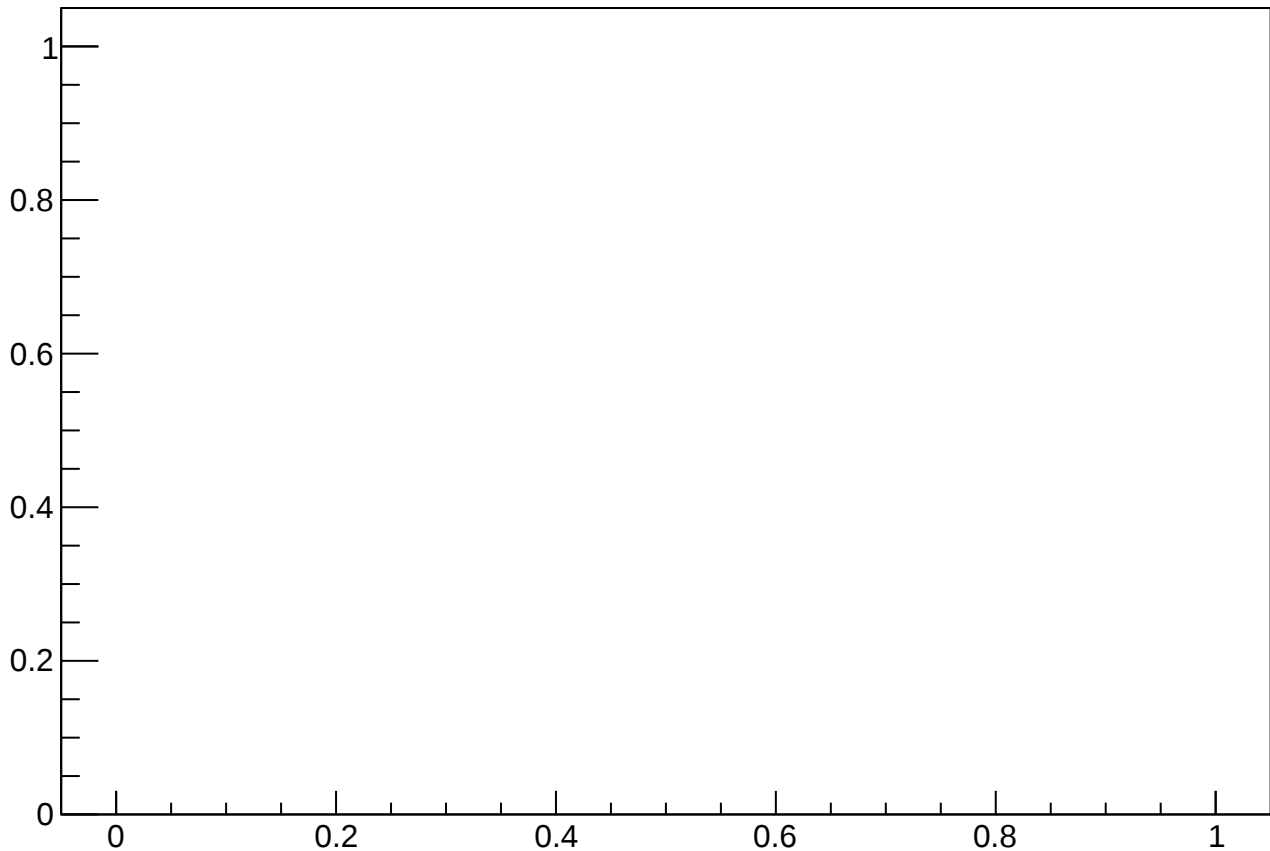
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

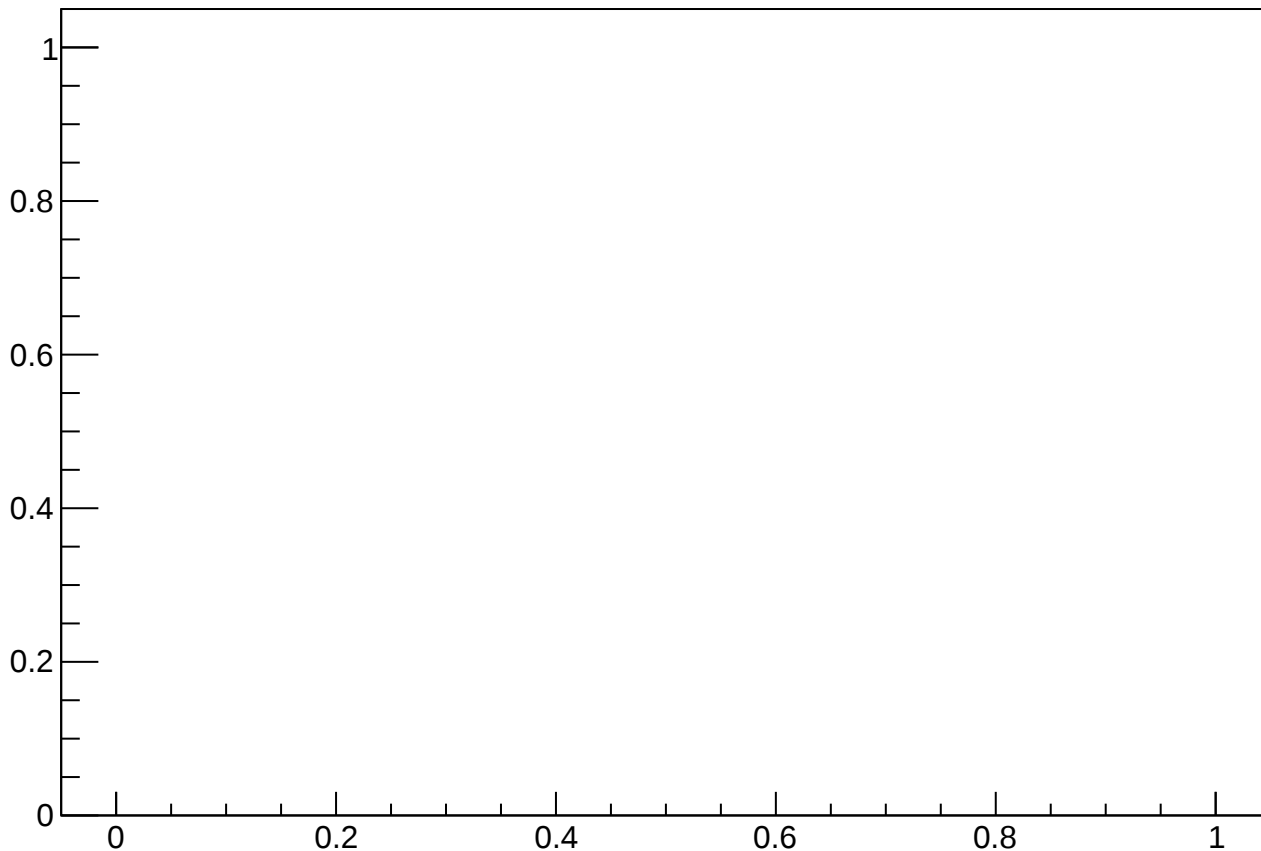
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

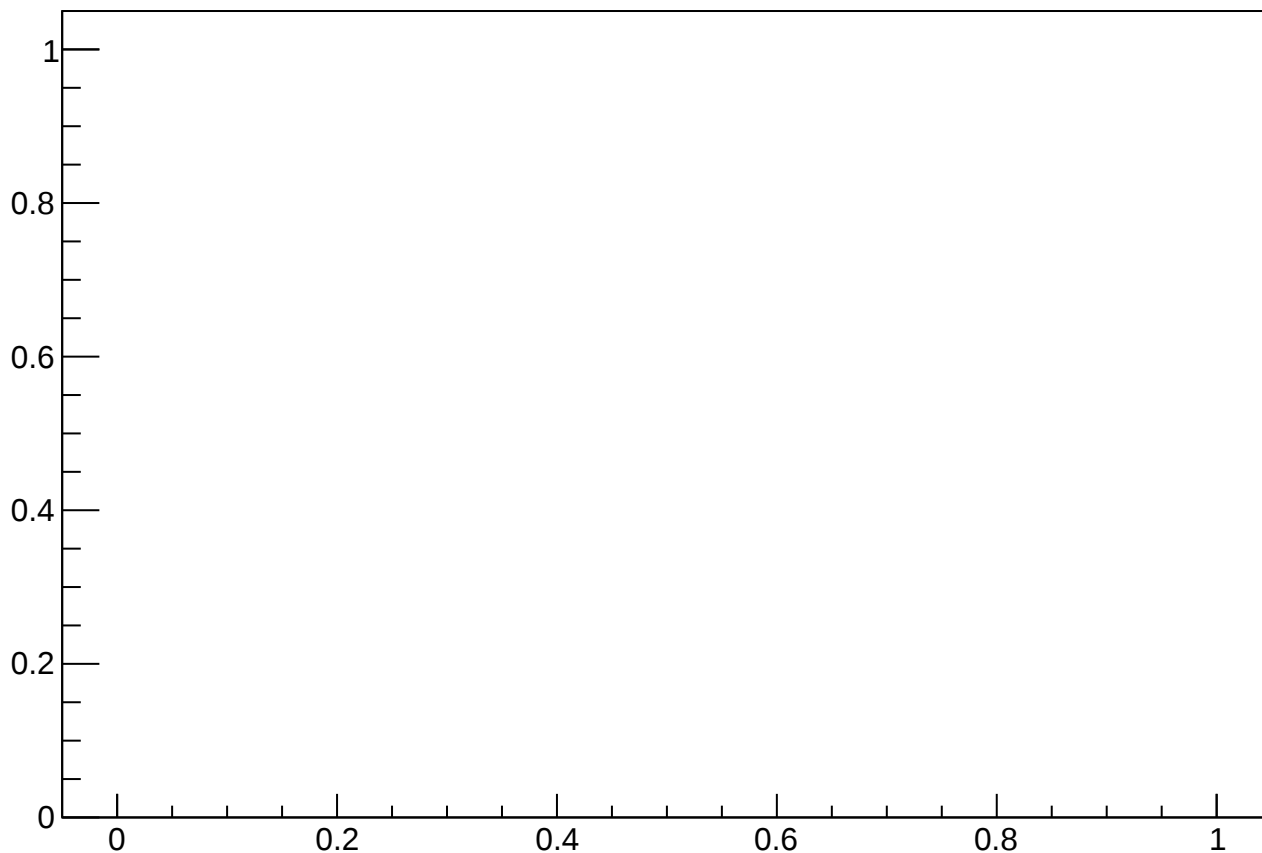
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

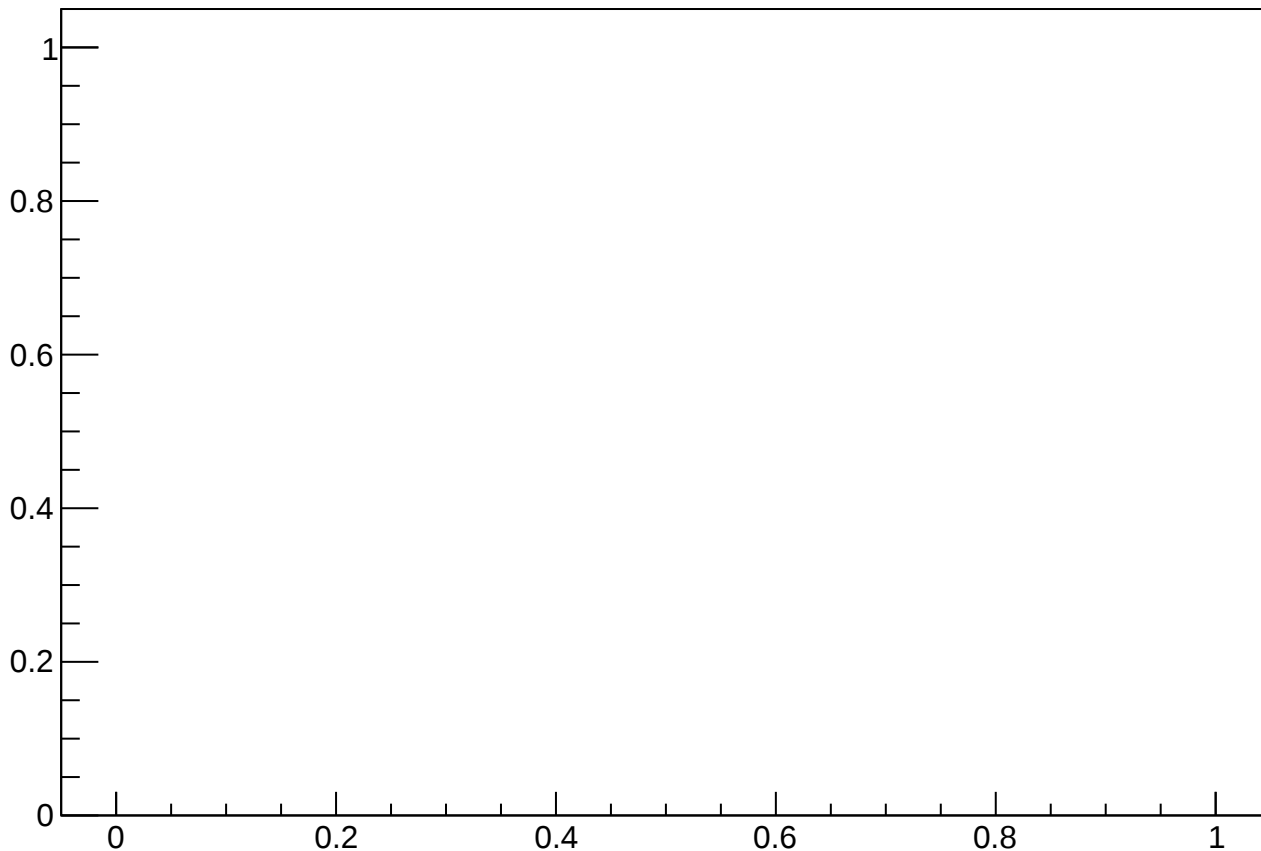
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

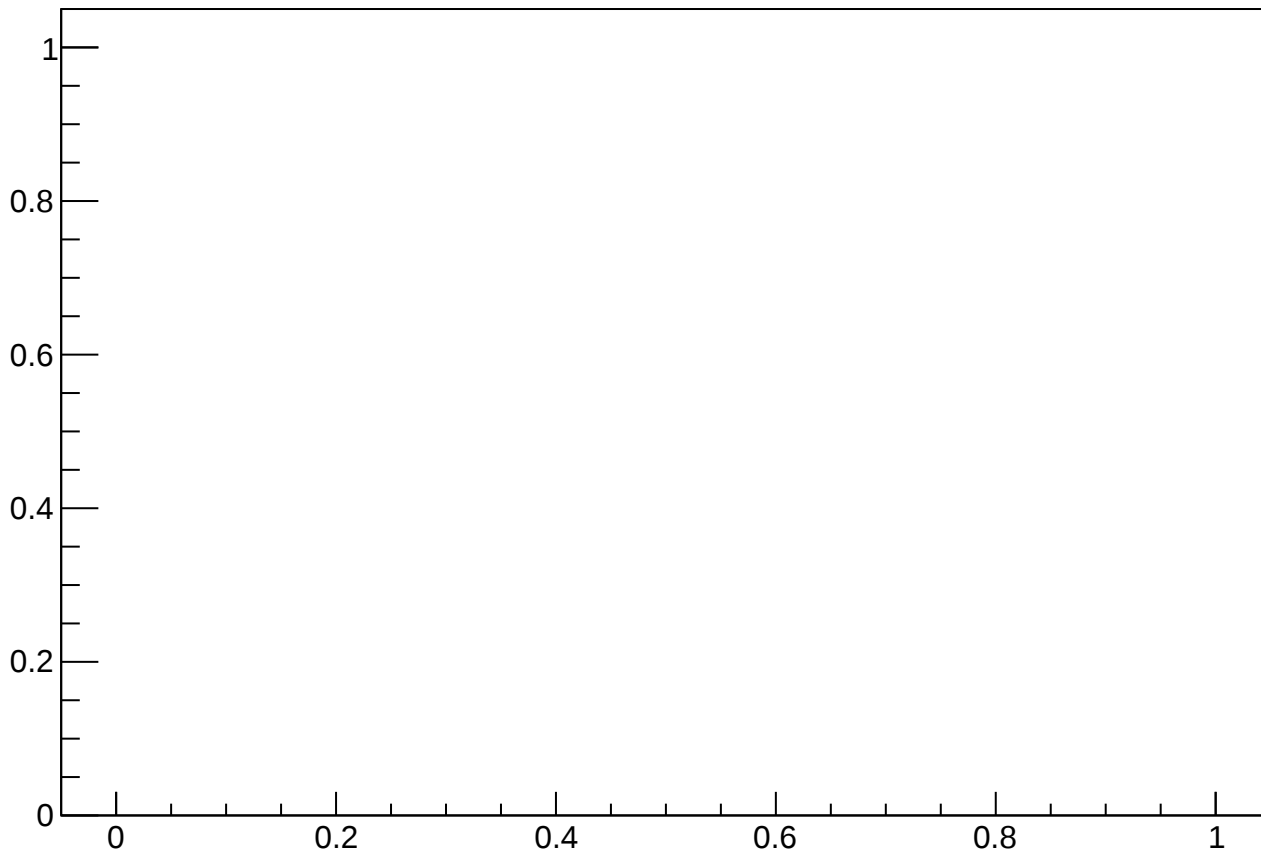
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

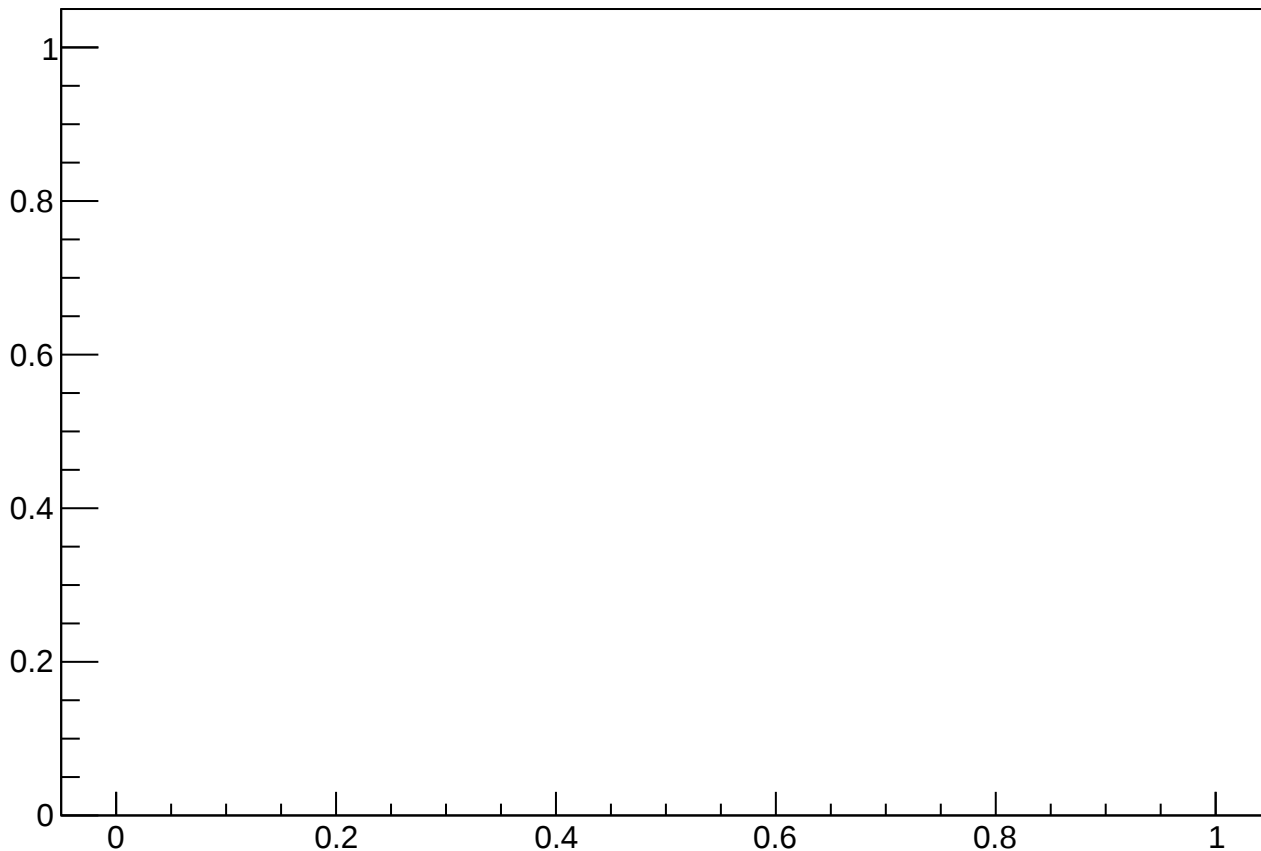
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

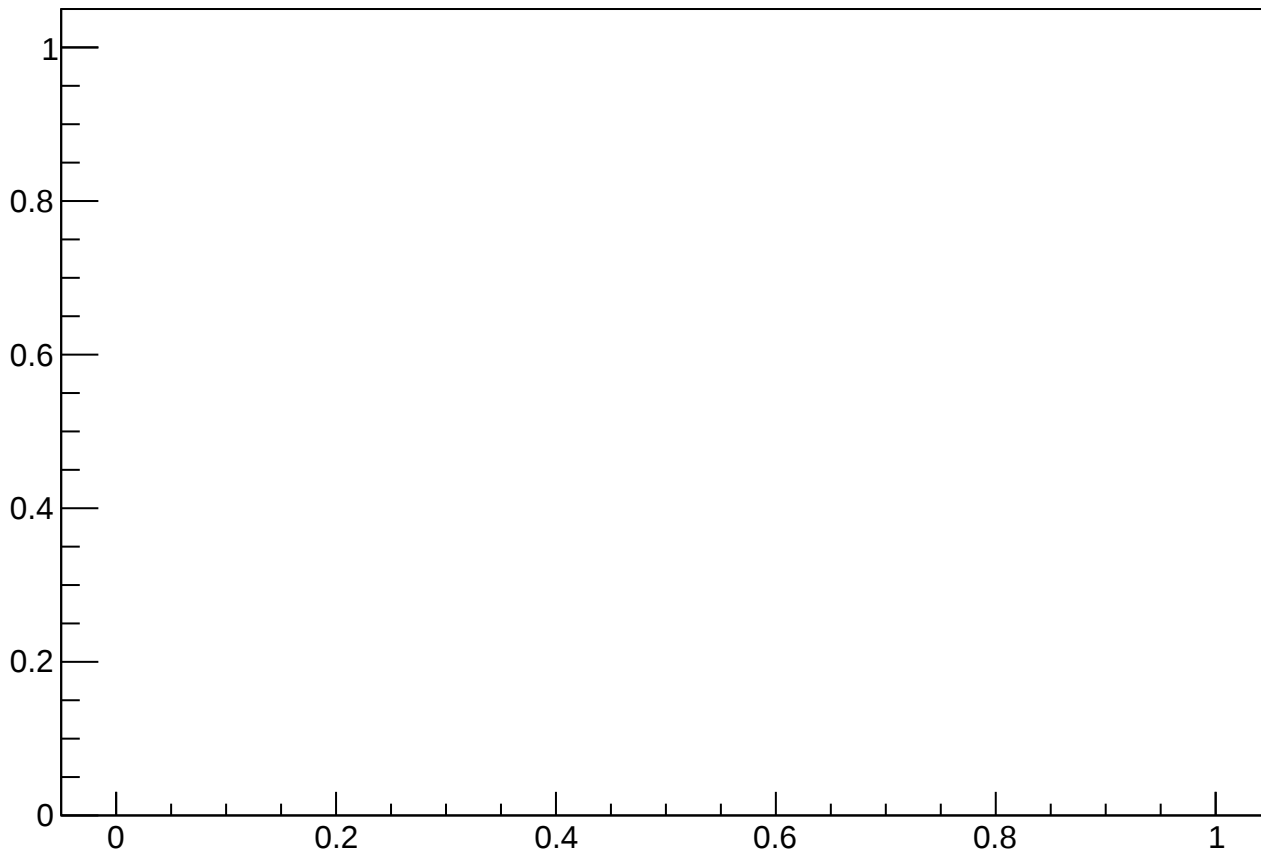
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

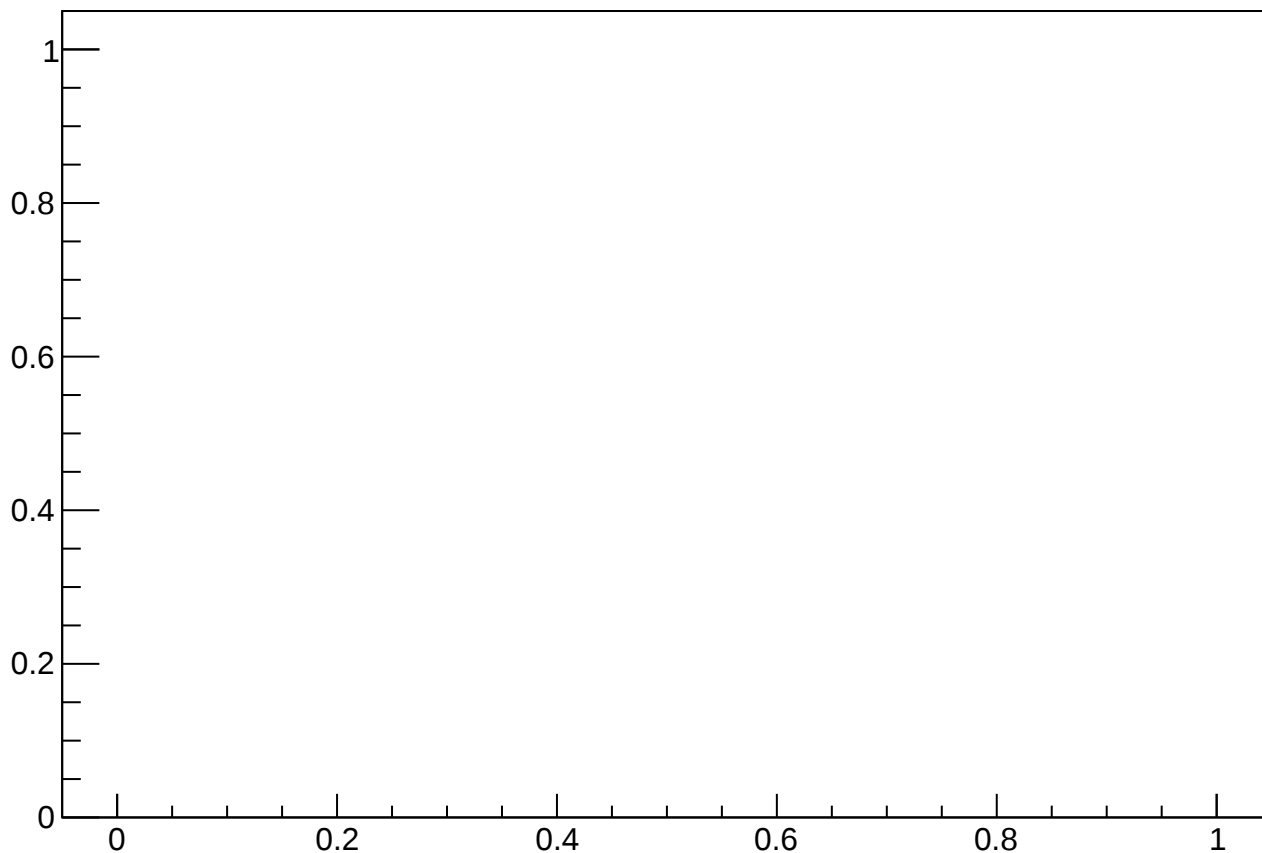
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

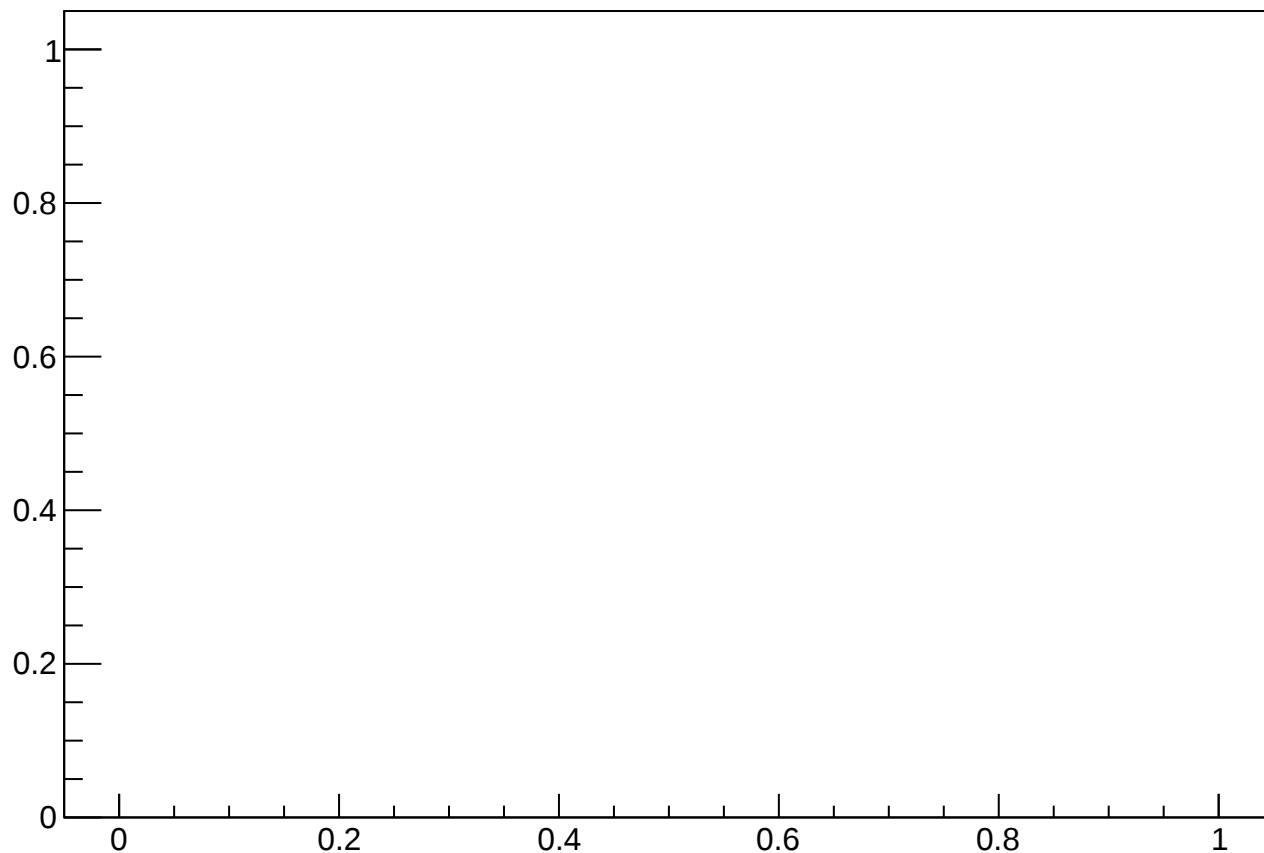
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

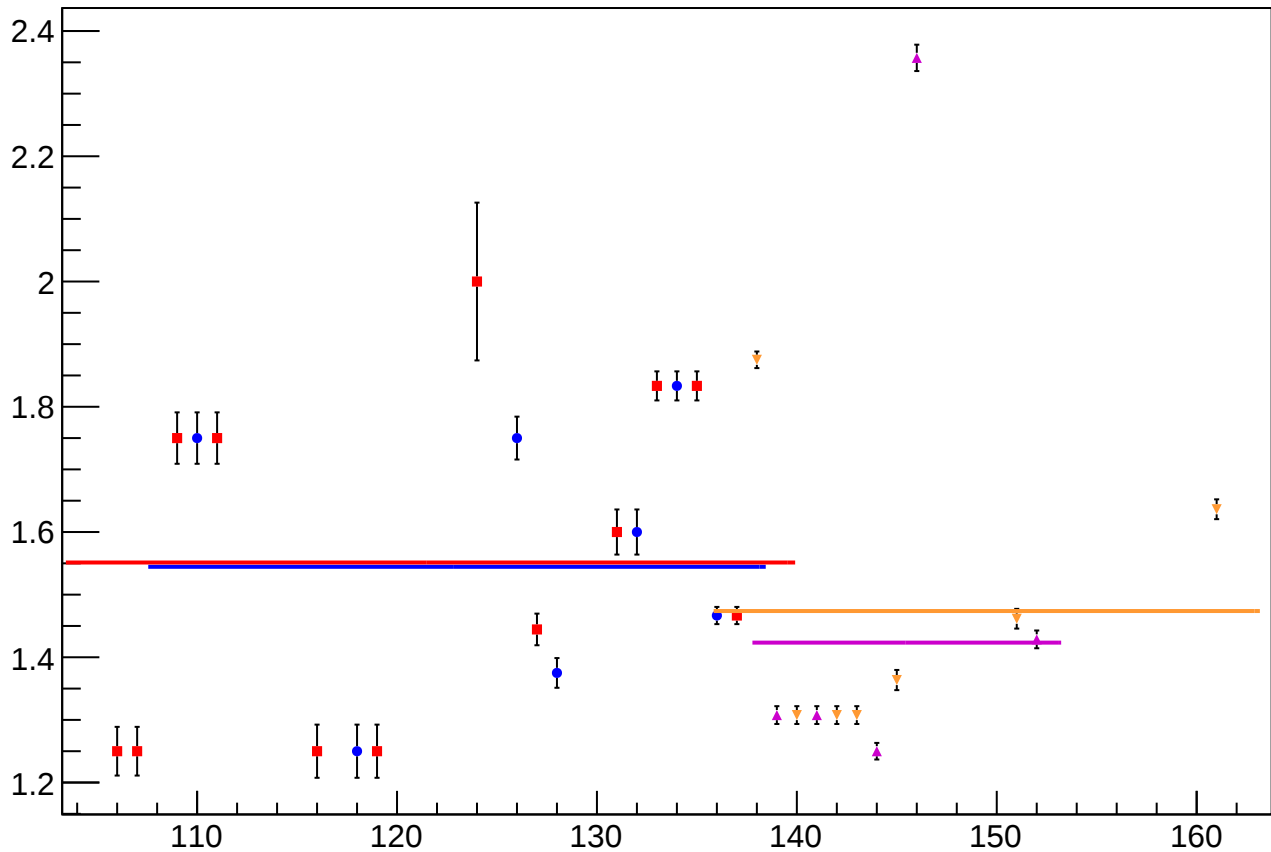
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.474 $\pm$ 0.006 χ^2/NDF :1480.3/6

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2/NDF :2269.8/4

Left: 1.453 $\pm$ 0.004 χ^2/NDF : 3784.2/11

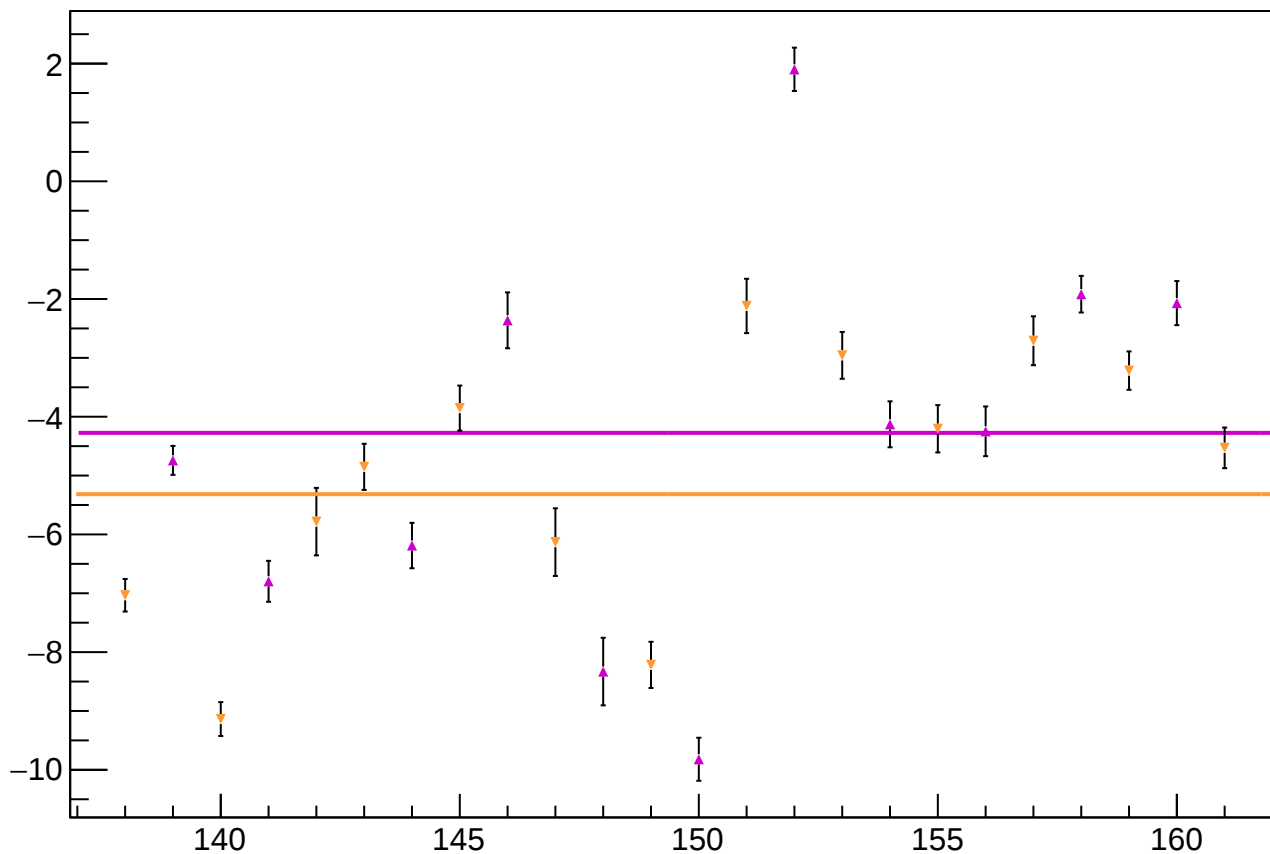
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.464 $\pm$ 0.005 χ^2/NDF :2732.9/11

Out: 1.498 $\pm$ 0.005 χ^2/NDF :2175.6/18

All: 1.484 $\pm$ 0.003 χ^2/NDF : 4931.5/30

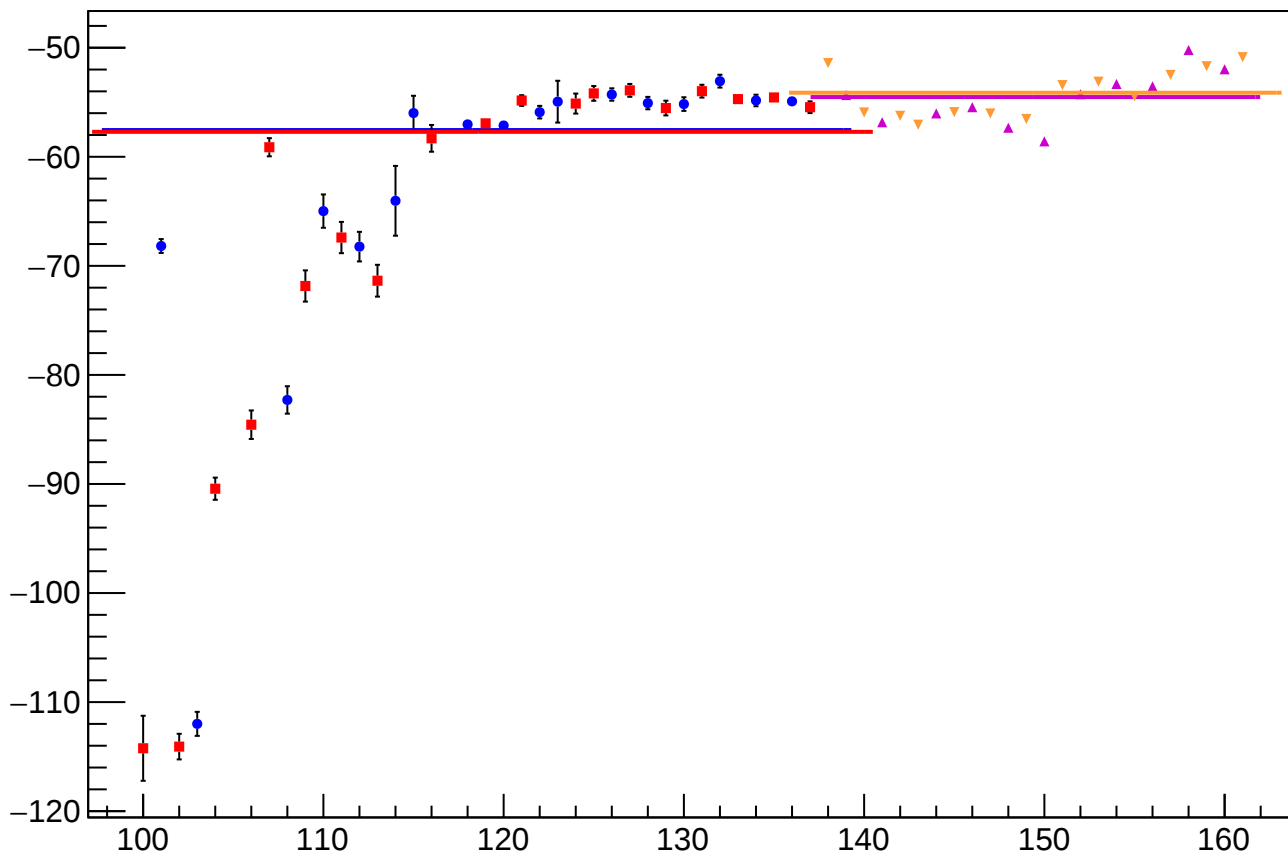
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.316 ± 0.104 $\chi^2/\text{NDF}: 464.7/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.275 ± 0.109 $\chi^2/\text{NDF}: 750.3/10$

Left: -4.820 ± 0.076 $\chi^2/\text{NDF}: 1262.4/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.275 ± 0.109 $\chi^2/\text{NDF}: 750.3/10$
 Out: -5.316 ± 0.104 $\chi^2/\text{NDF}: 464.7/12$
 All: -4.820 ± 0.076 $\chi^2/\text{NDF}: 1262.4/23$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -54.125 $\pm$ 0.076 χ^2 /NDF: 790.7/12

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -54.522 $\pm$ 0.082 χ^2 /NDF: 1021.4/10

Left: -54.309 $\pm$ 0.056 χ^2 /NDF: 1824.7/23

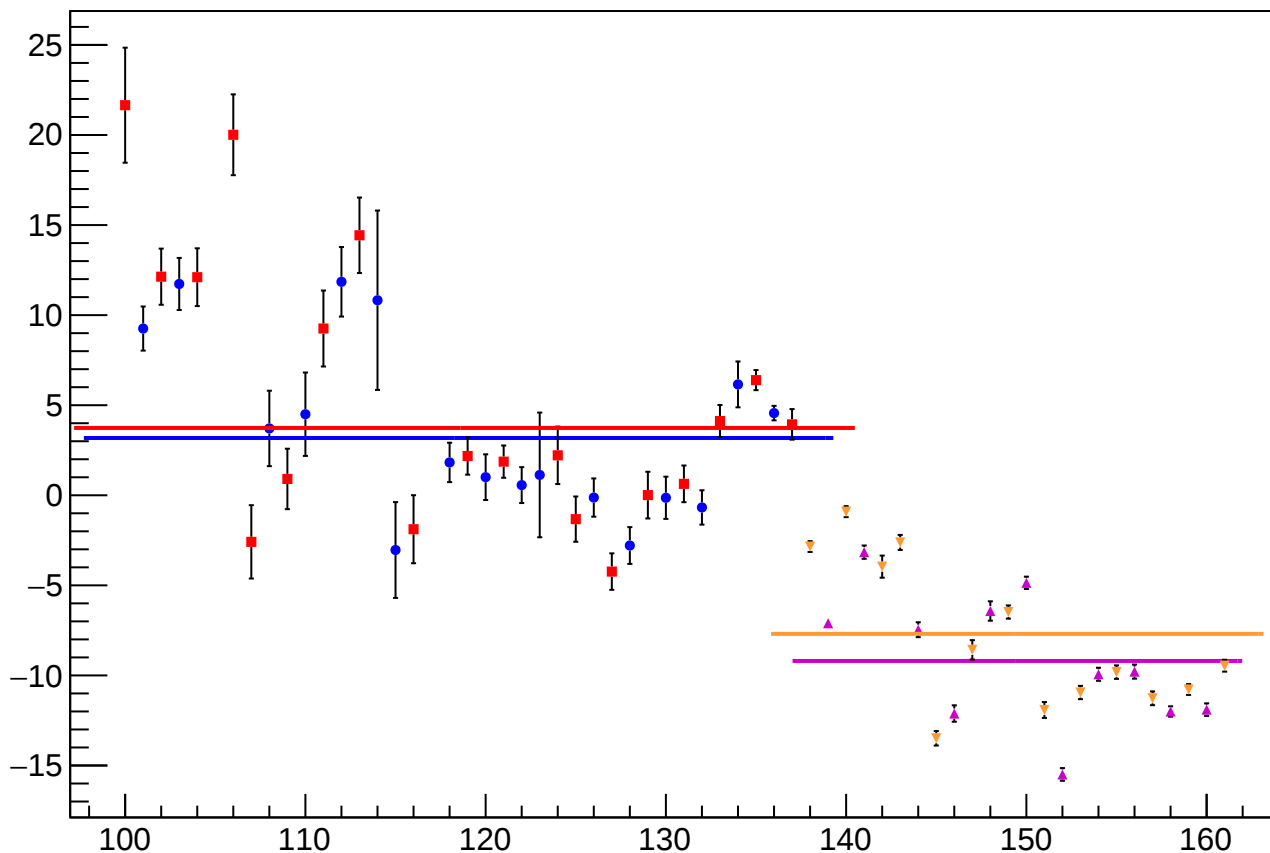
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -55.282 $\pm$ 0.071 χ^2 /NDF: 4824.0/27

Out: -54.920 $\pm$ 0.067 χ^2 /NDF: 5985.5/31

All: -55.091 $\pm$ 0.049 χ^2 /NDF: 10823.3/59

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.693 ± 0.103 χ^2/NDF : 1574.9/12

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -9.196 ± 0.107 χ^2/NDF : 1056.3/10

Left: -8.415 ± 0.074 χ^2/NDF : 2733.0/23

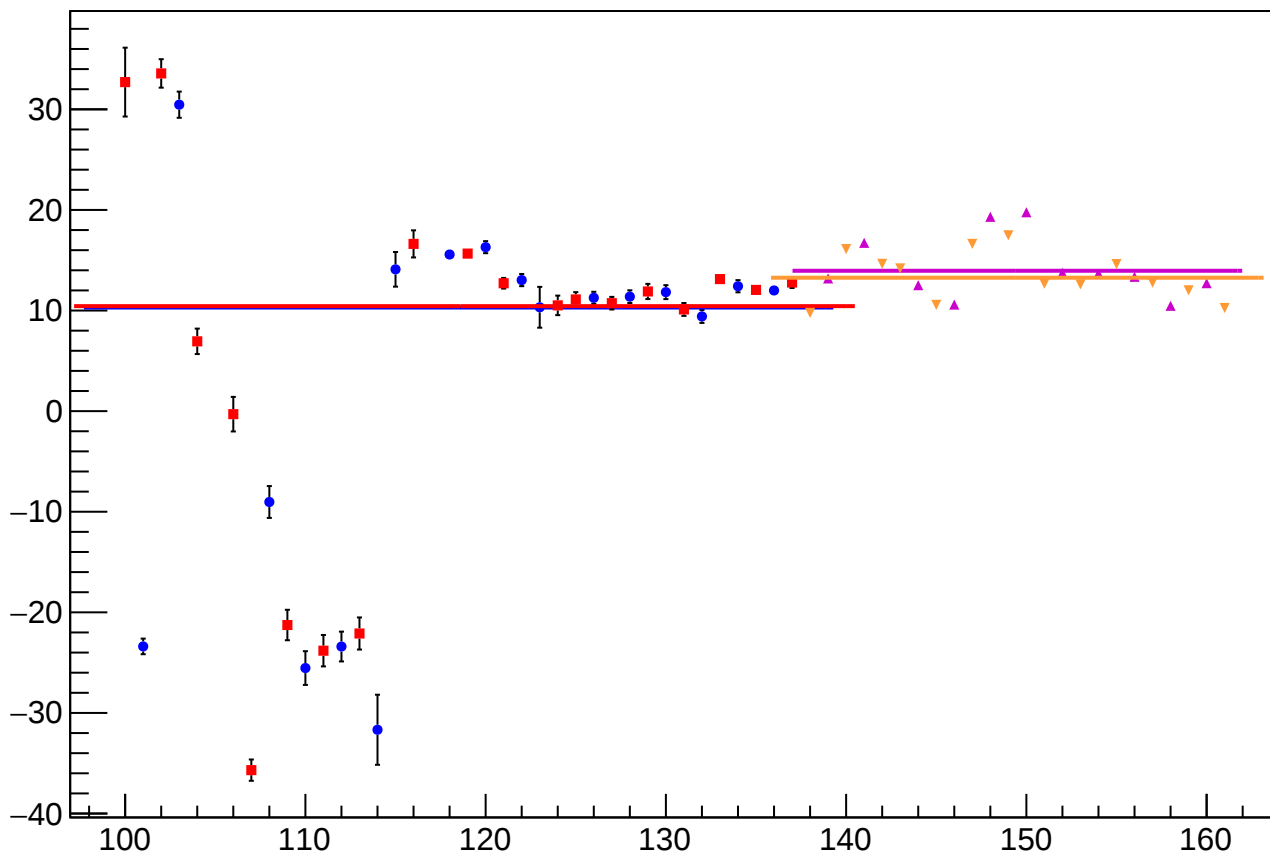
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.367 ± 0.099 χ^2/NDF : 3203.1/27

Out: -6.203 ± 0.096 χ^2/NDF : 3490.7/31

All: -6.768 ± 0.069 χ^2/NDF : 6764.6/59

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.262+/-0.088 χ^2/NDF : 725.0/12

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 13.953+/-0.094 χ^2/NDF : 1040.5/10

Left: 13.586+/-0.064 χ^2/NDF : 1794.2/23

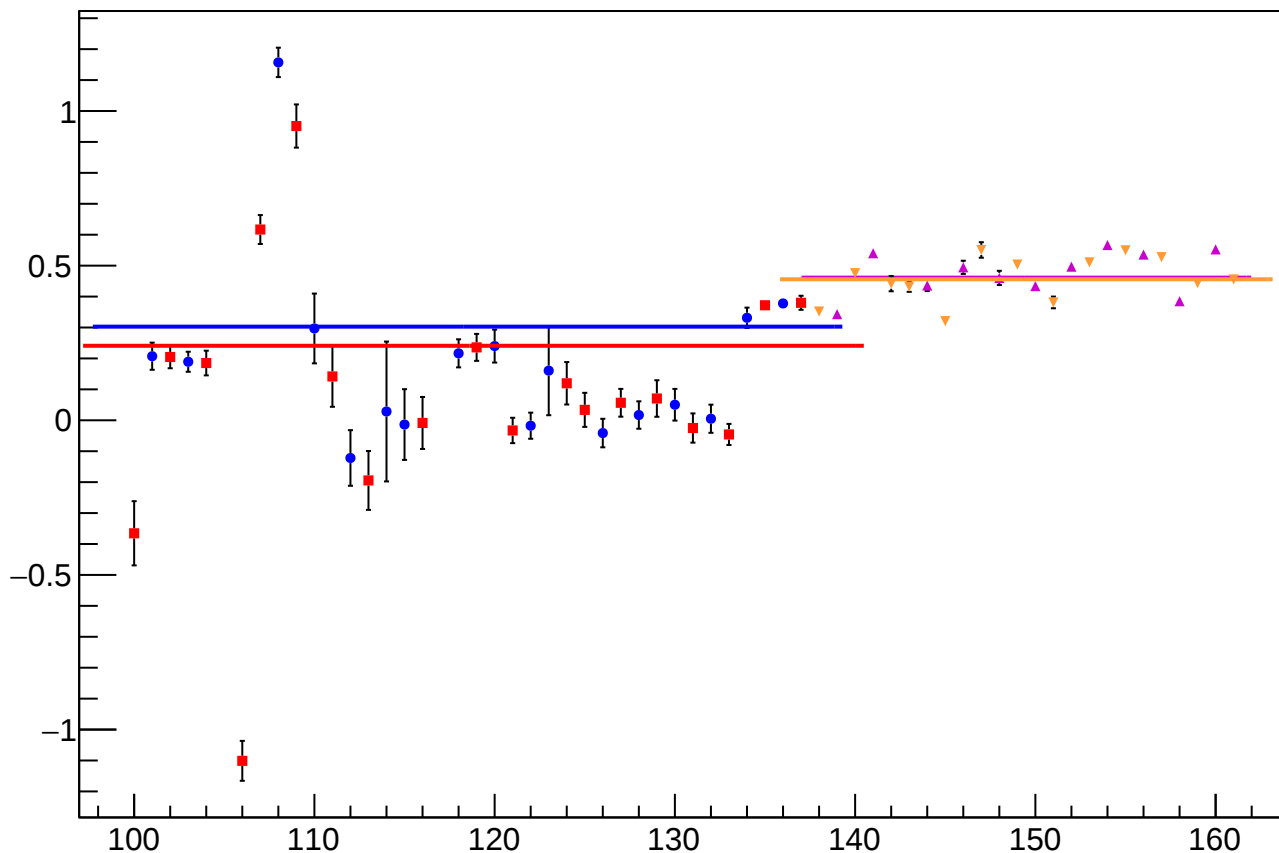
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 12.989+/-0.081 χ^2/NDF : 5138.4/27

Out: 12.603+/-0.077 χ^2/NDF : 4793.7/31

All: 12.787+/-0.056 χ^2/NDF : 9944.1/59

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: 0.456 $\pm$ 0.004 χ^2 /NDF: 299.9/12

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.461 $\pm$ 0.004 χ^2 /NDF: 408.5/10

Left: 0.459 $\pm$ 0.003 χ^2 /NDF: 709.2/23

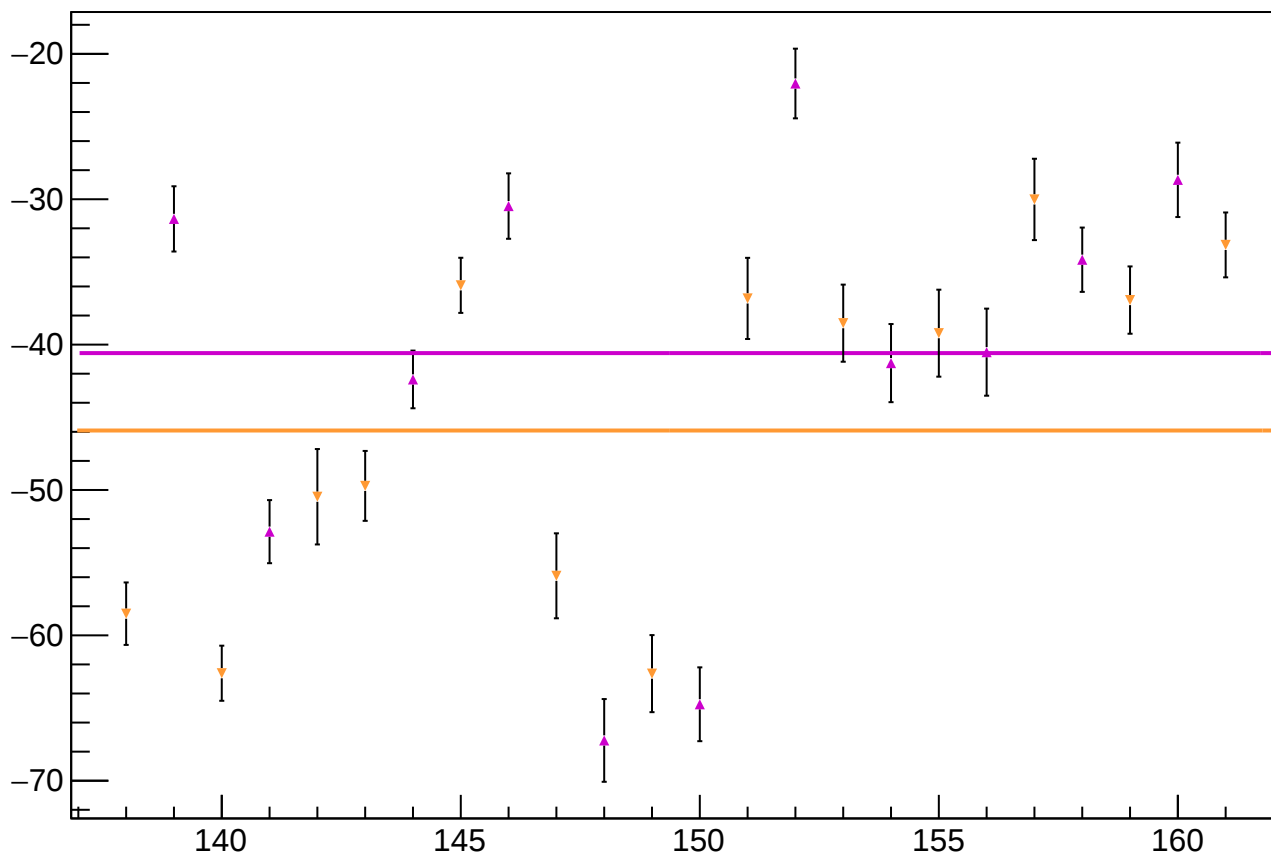
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.430 $\pm$ 0.004 χ^2 /NDF: 1355.8/27

Out: 0.417 $\pm$ 0.004 χ^2 /NDF: 1815.3/31

All: 0.424 $\pm$ 0.003 χ^2 /NDF: 3177.2/59

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.909+/-0.675 χ^2/NDF : 299.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.584+/-0.721 χ^2/NDF : 338.2/10

Left: -43.423+/-0.493 χ^2/NDF : 666.3/23

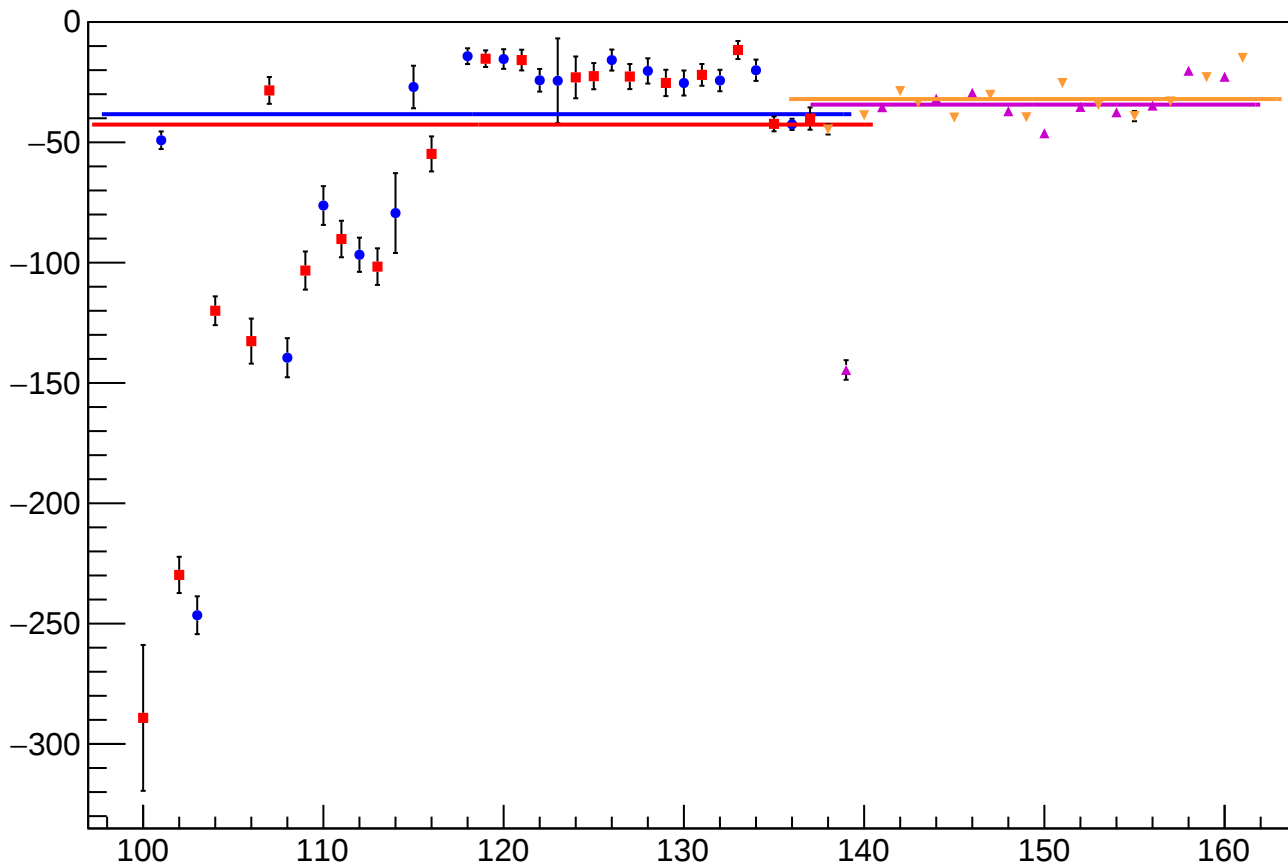
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.584+/-0.721 χ^2/NDF : 338.2/10

Out: -45.909+/-0.675 χ^2/NDF : 299.1/12

All: -43.423+/-0.493 χ^2/NDF : 666.3/23

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: -32.020 ± 0.472 $\chi^2/\text{NDF}: 287.2/12$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -34.331 ± 0.501 $\chi^2/\text{NDF}: 937.6/10$

Left: -33.106 ± 0.343 $\chi^2/\text{NDF}: 1236.2/23$

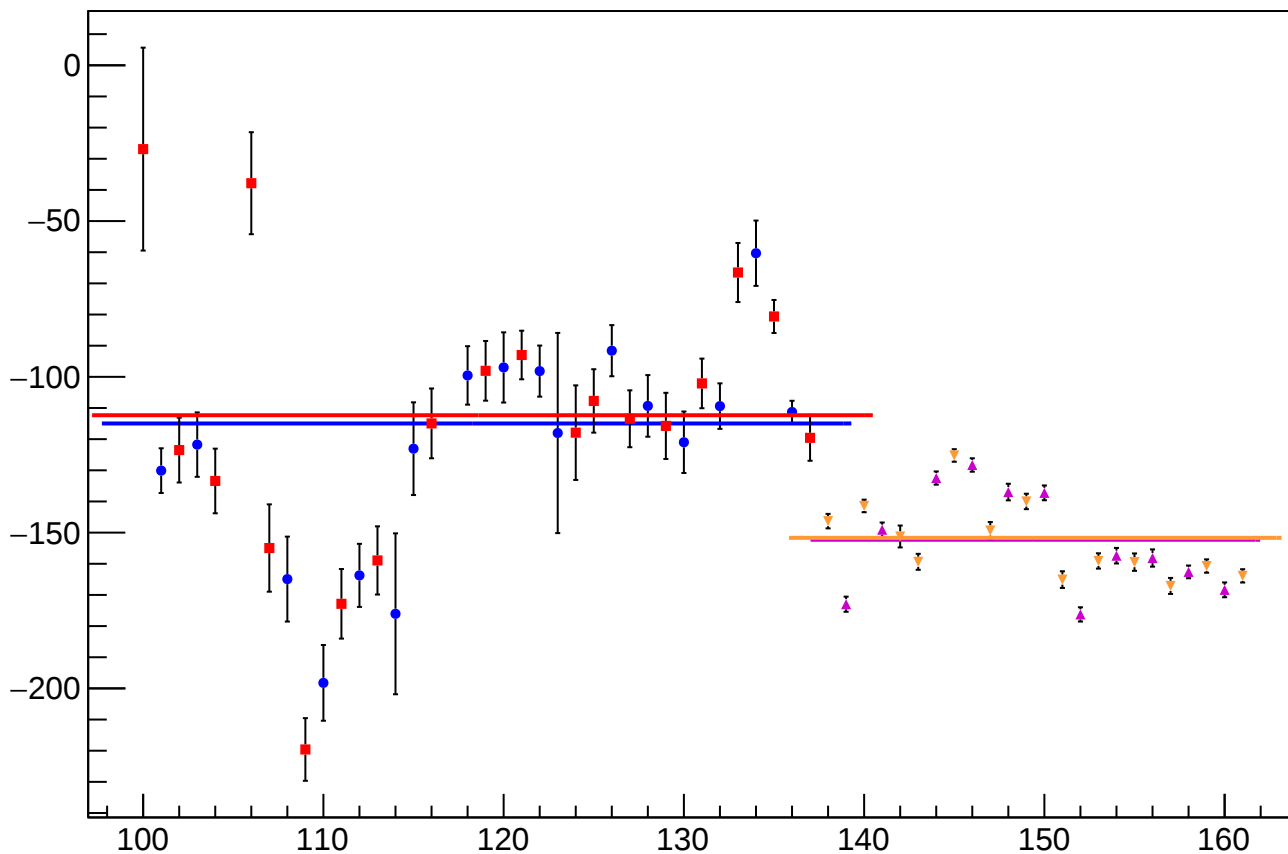
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -34.976 ± 0.459 $\chi^2/\text{NDF}: 2080.6/27$

Out: -33.422 ± 0.439 $\chi^2/\text{NDF}: 1698.4/31$

All: -34.166 ± 0.317 $\chi^2/\text{NDF}: 3785.0/59$

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: -151.675 ± 0.670 $\chi^2/\text{NDF}: 363.3/12$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -152.288 ± 0.706 $\chi^2/\text{NDF}: 547.1/10$

Left: -151.965 ± 0.486 $\chi^2/\text{NDF}: 910.8/23$

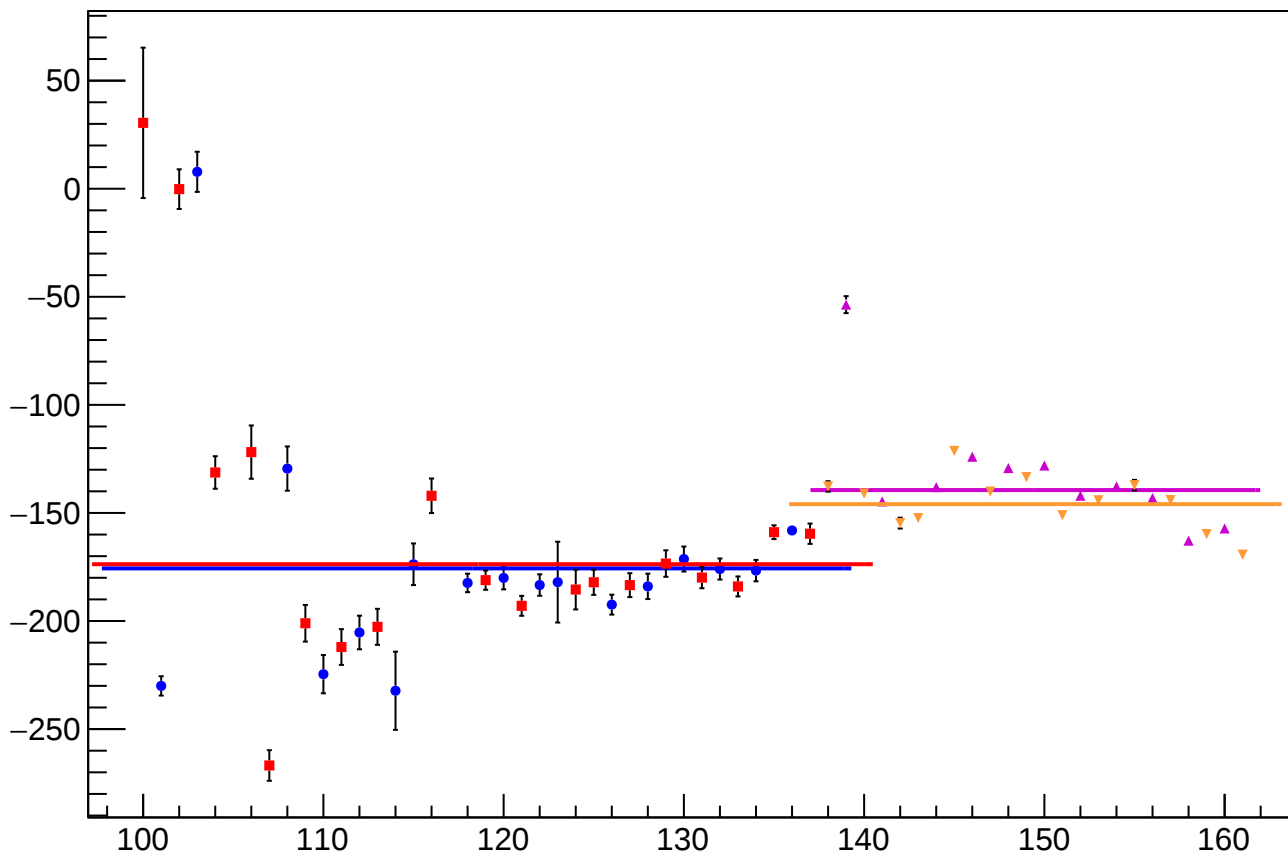
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -148.417 ± 0.668 $\chi^2/\text{NDF}: 978.6/27$

Out: -148.347 ± 0.641 $\chi^2/\text{NDF}: 928.8/31$

All: -148.381 ± 0.463 $\chi^2/\text{NDF}: 1907.4/59$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 $\pm$ 1.269 χ^2 /NDF: 692.1/16

Left Out: -145.919 $\pm$ 0.556 χ^2 /NDF:567.2/12

Right Out: -173.714 $\pm$ 1.354 χ^2 /NDF: 738.0/18

Left In: -139.422 $\pm$ 0.590 χ^2 /NDF:936.9/10

Left: -142.867 $\pm$ 0.405 χ^2 /NDF: 1568.3/23

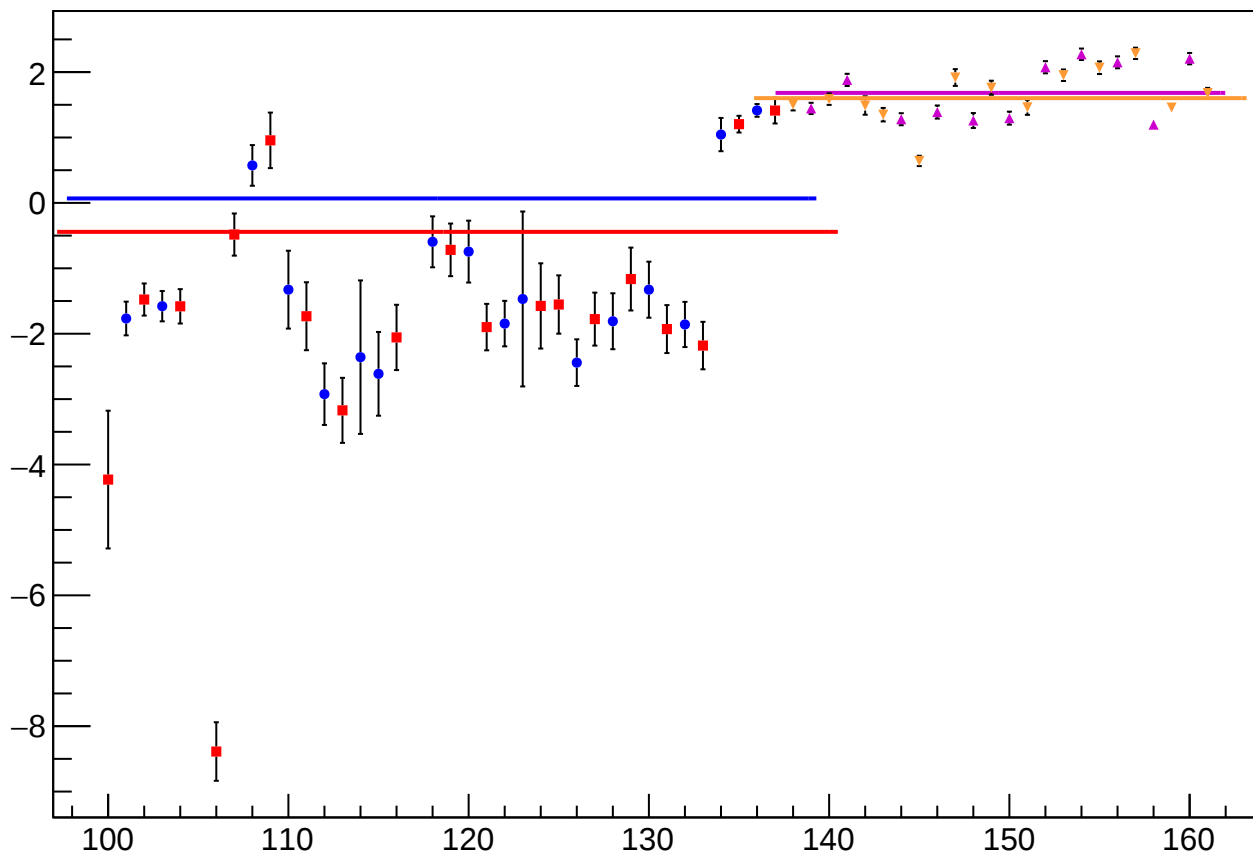
Right: -174.745 $\pm$ 0.926 χ^2 /NDF: 1431.2/35

In: -145.869 $\pm$ 0.535 χ^2 /NDF:2298.9/27

Out: -149.926 $\pm$ 0.514 χ^2 /NDF:1665.7/31

All: -147.979 $\pm$ 0.371 χ^2 /NDF: 3994.5/59

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.602 ± 0.026 χ^2/NDF : 270.4/12

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.682 ± 0.027 χ^2/NDF : 237.8/10

Left: 1.640 ± 0.019 χ^2/NDF : 512.7/23

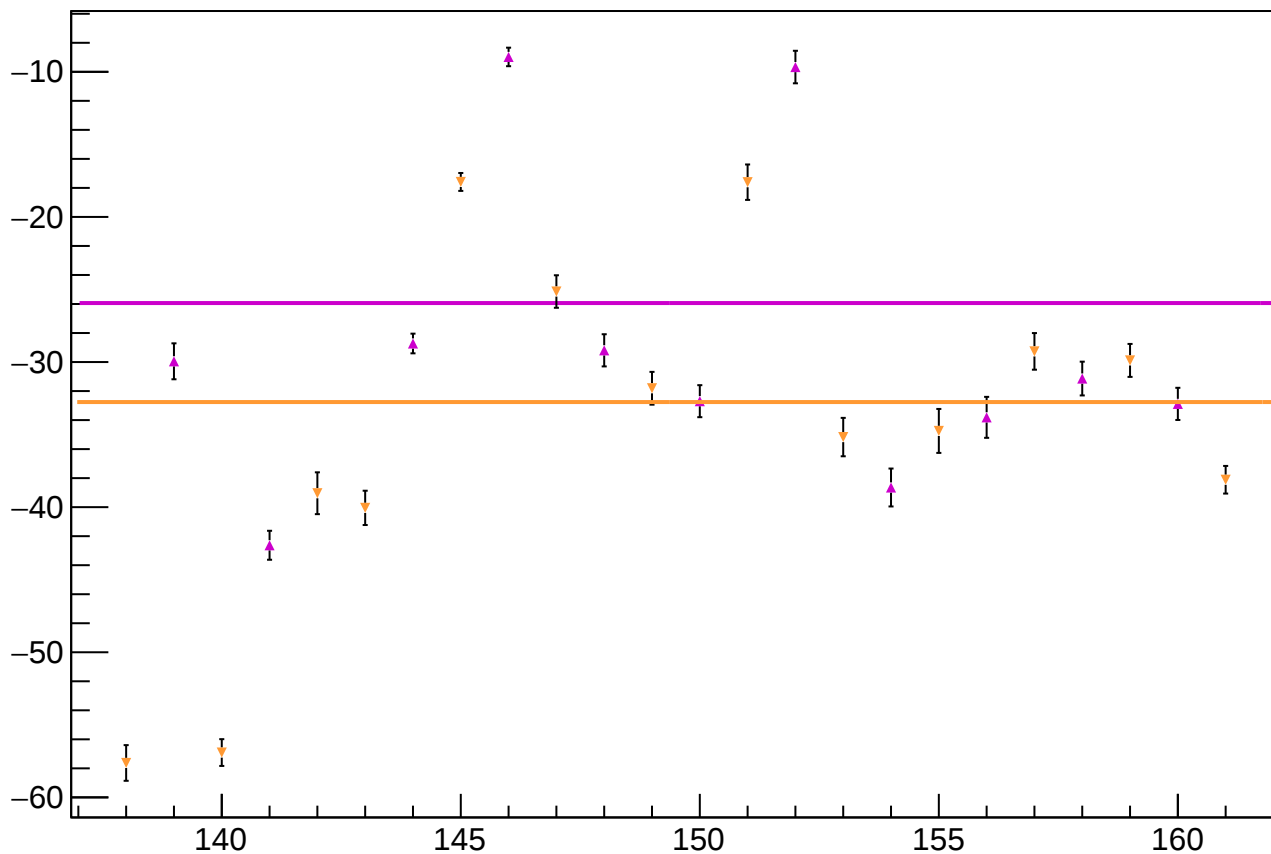
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.450 ± 0.025 χ^2/NDF : 1260.3/27

Out: 1.359 ± 0.024 χ^2/NDF : 1755.1/31

All: 1.403 ± 0.018 χ^2/NDF : 3022.1/59

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.757 $\pm$ 0.296 χ^2/NDF :2007.4/12

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -25.935 $\pm$ 0.297 χ^2/NDF :1454.3/10

Left: -29.356 $\pm$ 0.210 χ^2/NDF : 3726.7/23

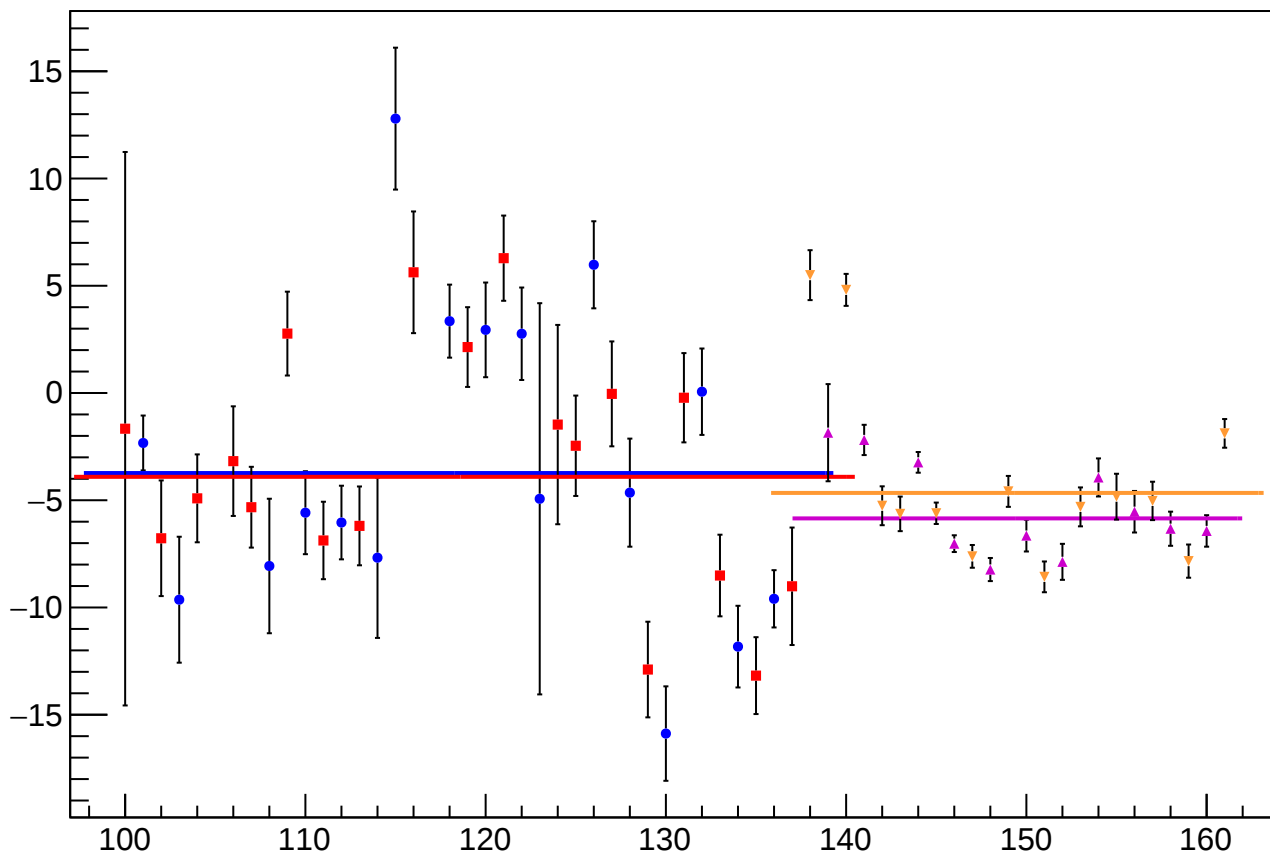
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -25.935 $\pm$ 0.297 χ^2/NDF :1454.3/10

Out: -32.757 $\pm$ 0.296 χ^2/NDF :2007.4/12

All: -29.356 $\pm$ 0.210 χ^2/NDF : 3726.7/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.659 ± 0.204 $\chi^2/\text{NDF}: 338.6/12$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.847 ± 0.198 $\chi^2/\text{NDF}: 100.7/10$

Left: -5.271 ± 0.142 $\chi^2/\text{NDF}: 456.7/23$

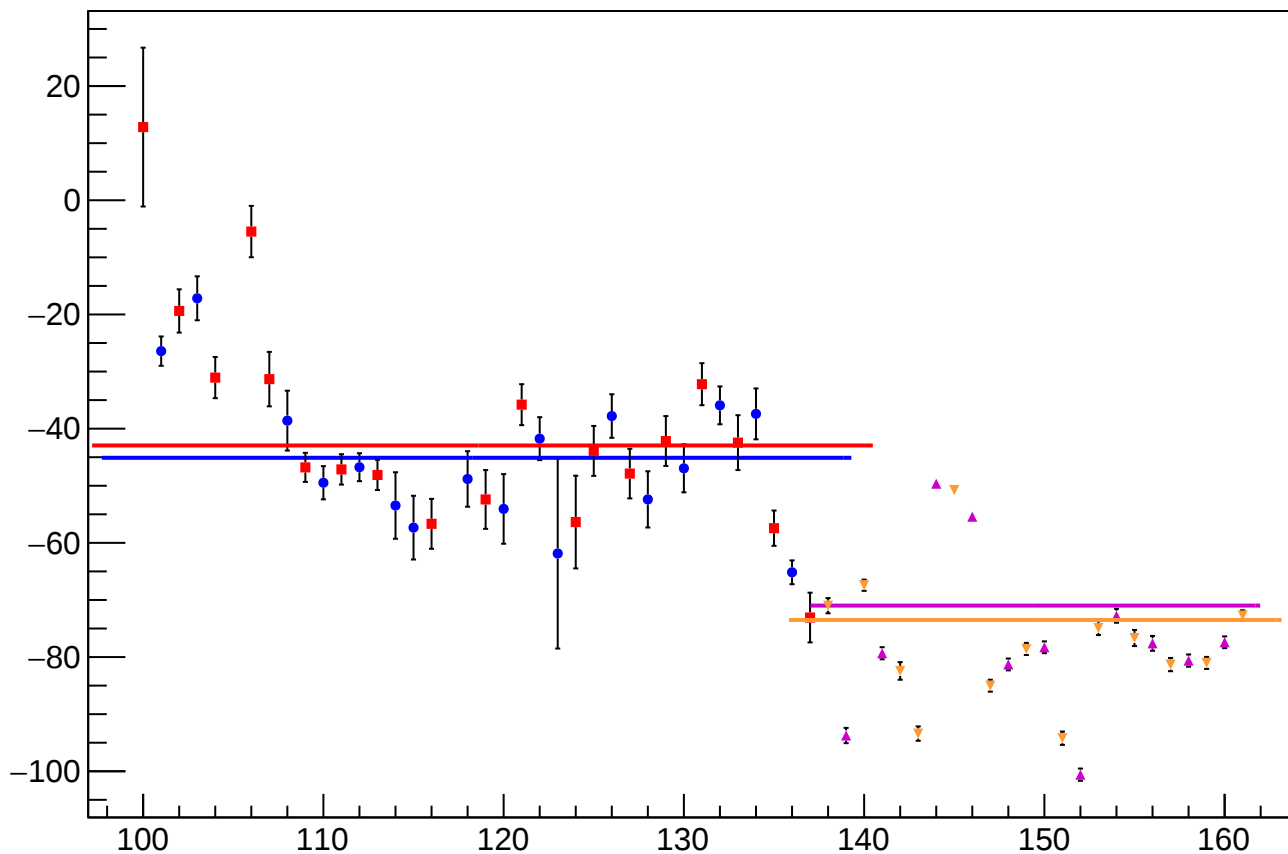
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.556 ± 0.184 $\chi^2/\text{NDF}: 282.2/27$

Out: -4.554 ± 0.189 $\chi^2/\text{NDF}: 465.3/31$

All: -5.070 ± 0.132 $\chi^2/\text{NDF}: 761.9/59$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.501 ± 0.294 χ^2/NDF : 2091.1/12

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -70.985 ± 0.291 χ^2/NDF : 2915.2/10

Left: -72.228 ± 0.207 χ^2/NDF : 5043.3/23

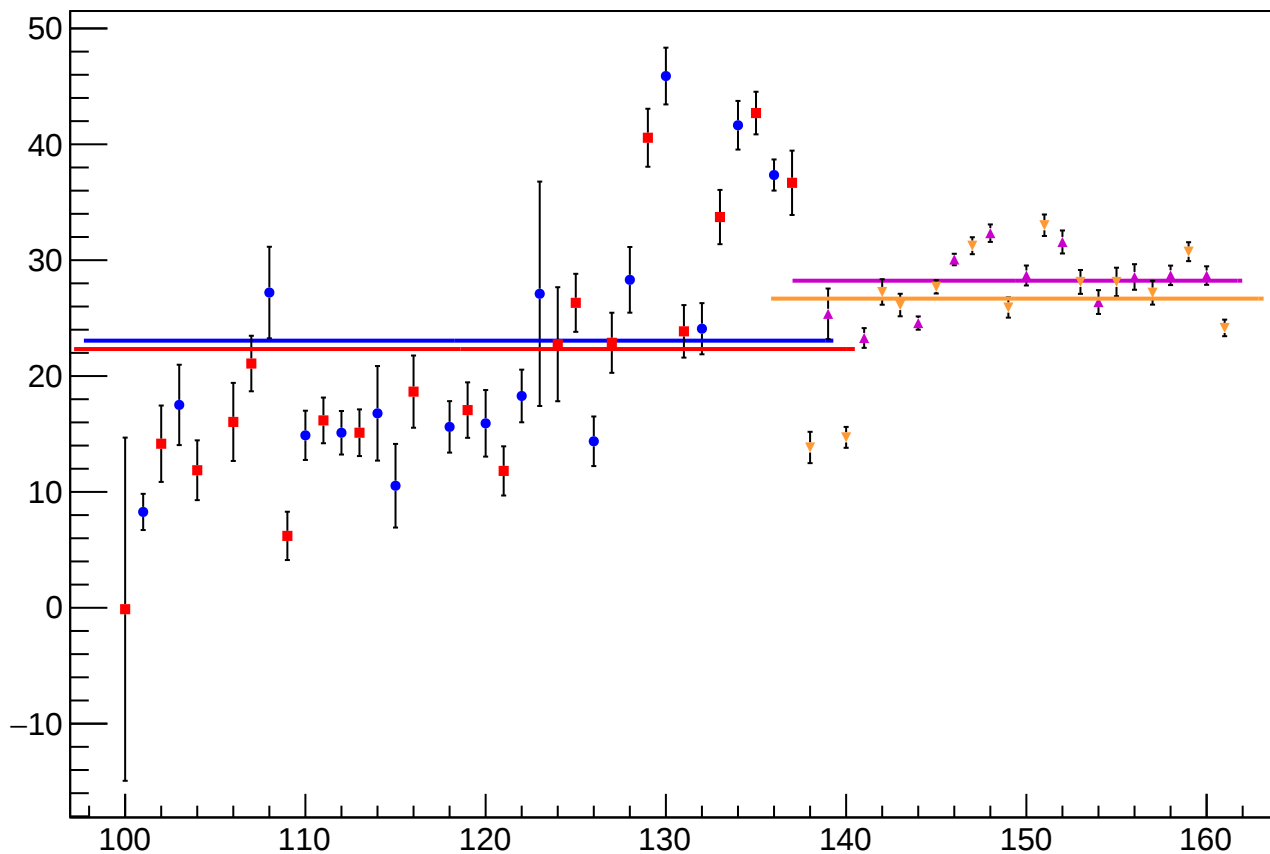
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -68.446 ± 0.276 χ^2/NDF : 3921.5/27

Out: -70.407 ± 0.279 χ^2/NDF : 3430.2/31

All: -69.417 ± 0.196 χ^2/NDF : 7376.6/59

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.683 $\pm$ 0.242 χ^2 /NDF: 396.9/12

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 28.229 $\pm$ 0.238 χ^2 /NDF: 134.9/10

Left: 27.469 $\pm$ 0.170 χ^2 /NDF: 552.5/23

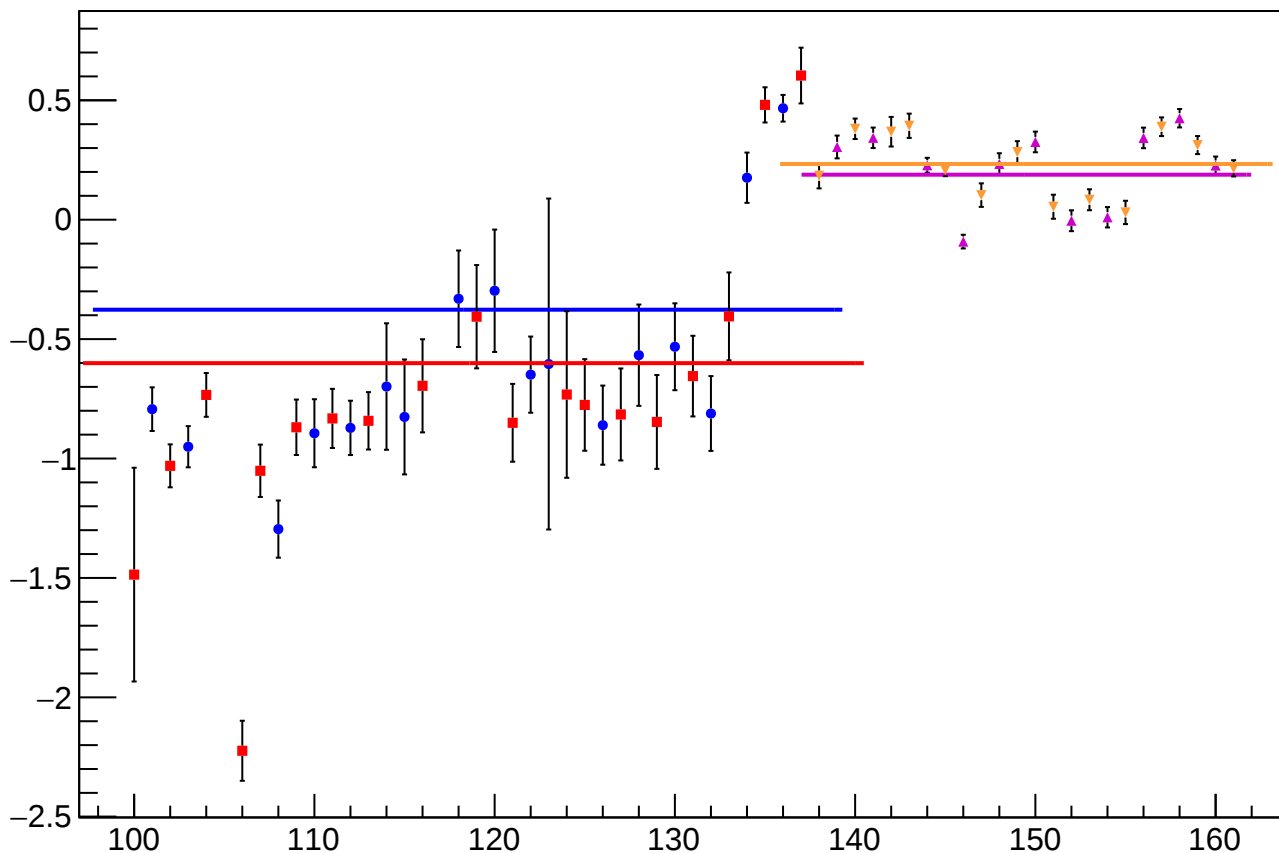
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 27.428 $\pm$ 0.219 χ^2 /NDF: 668.9/27

Out: 26.021 $\pm$ 0.223 χ^2 /NDF: 817.0/31

All: 26.737 $\pm$ 0.156 χ^2 /NDF: 1506.2/59

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.233 ± 0.012 χ^2/NDF : 98.6/12

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.188 ± 0.012 χ^2/NDF : 215.4/10

Left: 0.211 ± 0.008 χ^2/NDF : 321.4/23

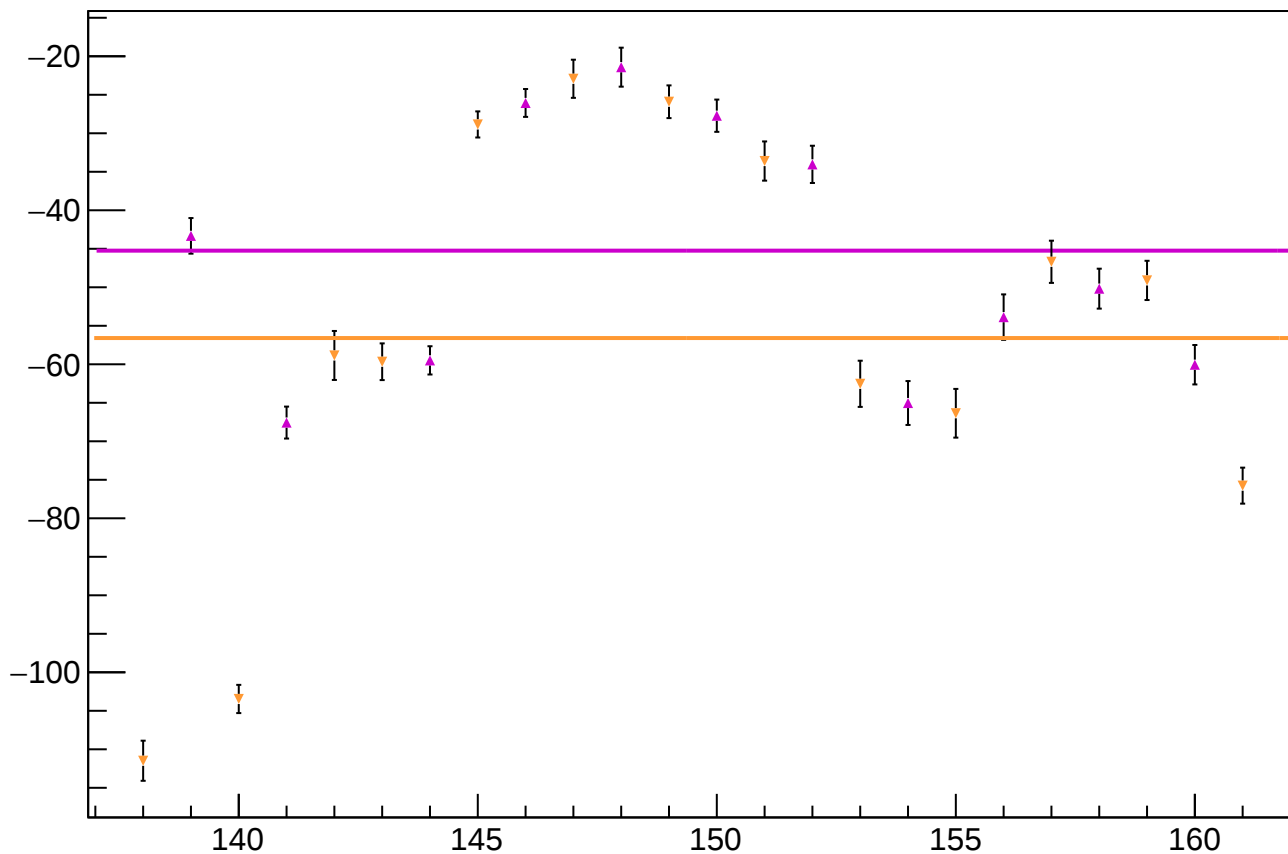
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.114 ± 0.011 χ^2/NDF : 959.0/27

Out: 0.127 ± 0.011 χ^2/NDF : 1319.8/31

All: 0.120 ± 0.008 χ^2/NDF : 2279.5/59

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.593+/-0.661 χ^2/NDF :1945.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.243+/-0.688 χ^2/NDF :562.9/10

Left: -51.141+/-0.477 χ^2/NDF : 2650.2/23

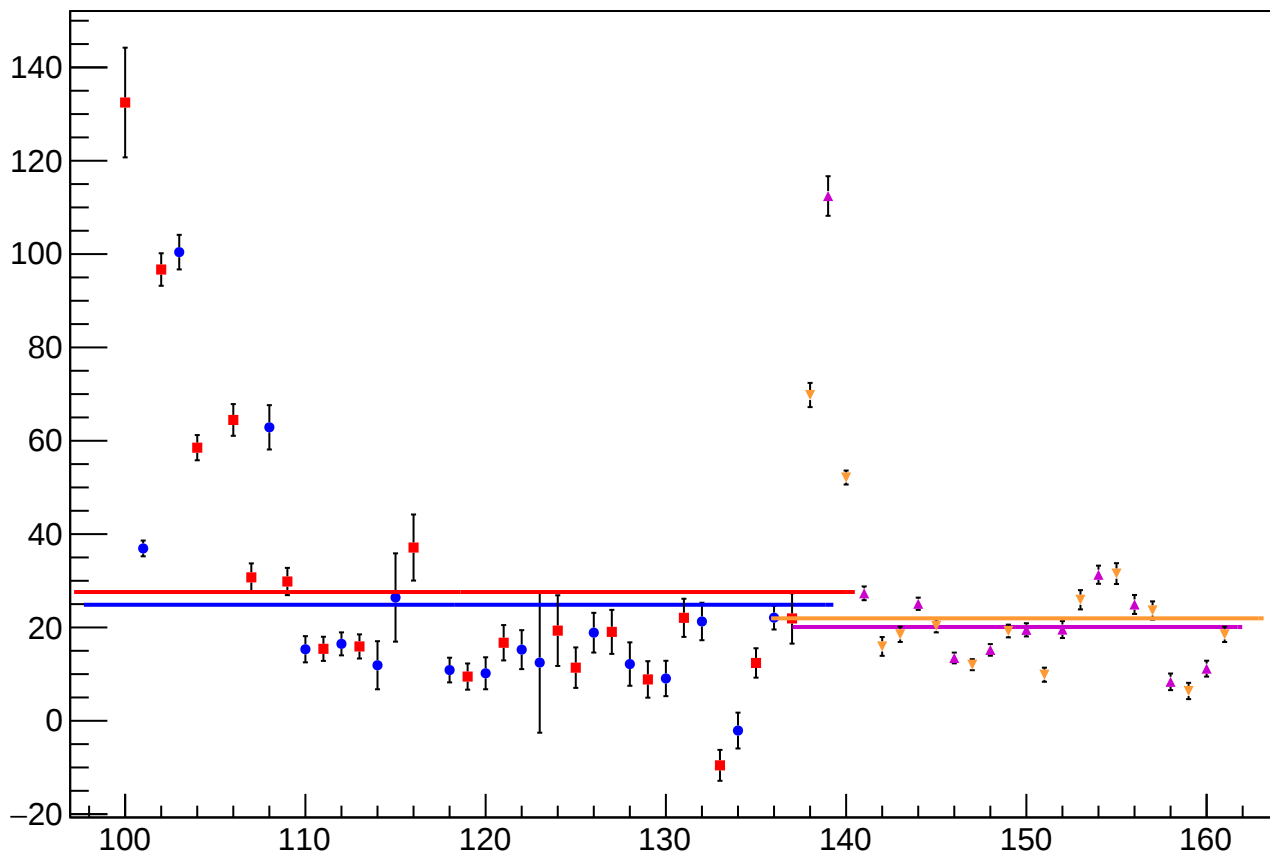
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.243+/-0.688 χ^2/NDF :562.9/10

Out: -56.593+/-0.661 χ^2/NDF :1945.7/12

All: -51.141+/-0.477 χ^2/NDF : 2650.2/23

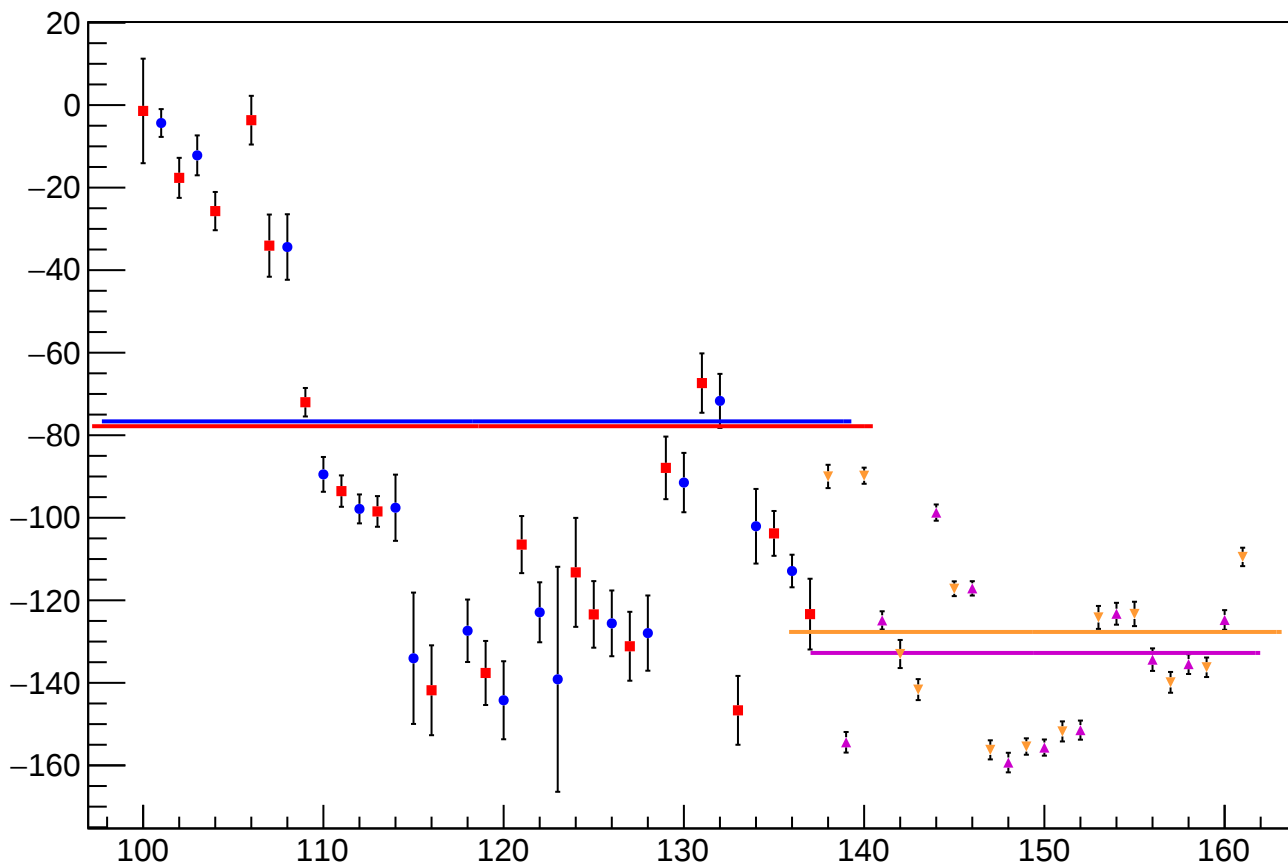
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 21.958 $\pm$ 0.456 χ^2 /NDF:1005.2/12
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 20.100 $\pm$ 0.473 χ^2 /NDF:671.0/10

Left: 21.064 $\pm$ 0.328 χ^2 /NDF: 1684.2/23
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 21.331 $\pm$ 0.408 χ^2 /NDF:1388.2/27
 Out: 23.314 $\pm$ 0.397 χ^2 /NDF:2052.9/31
 All: 22.348 $\pm$ 0.285 χ^2 /NDF: 3453.3/59

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 $\pm$ 1.415 χ^2/NDF : 1040.7/16

Left Out: -127.666 $\pm$ 0.655 χ^2/NDF : 1173.9/12

Right Out: -77.815 $\pm$ 1.352 χ^2/NDF : 873.3/18

Left In: -132.753 $\pm$ 0.673 χ^2/NDF : 821.2/10

Left: -130.140 $\pm$ 0.469 χ^2/NDF : 2024.4/23

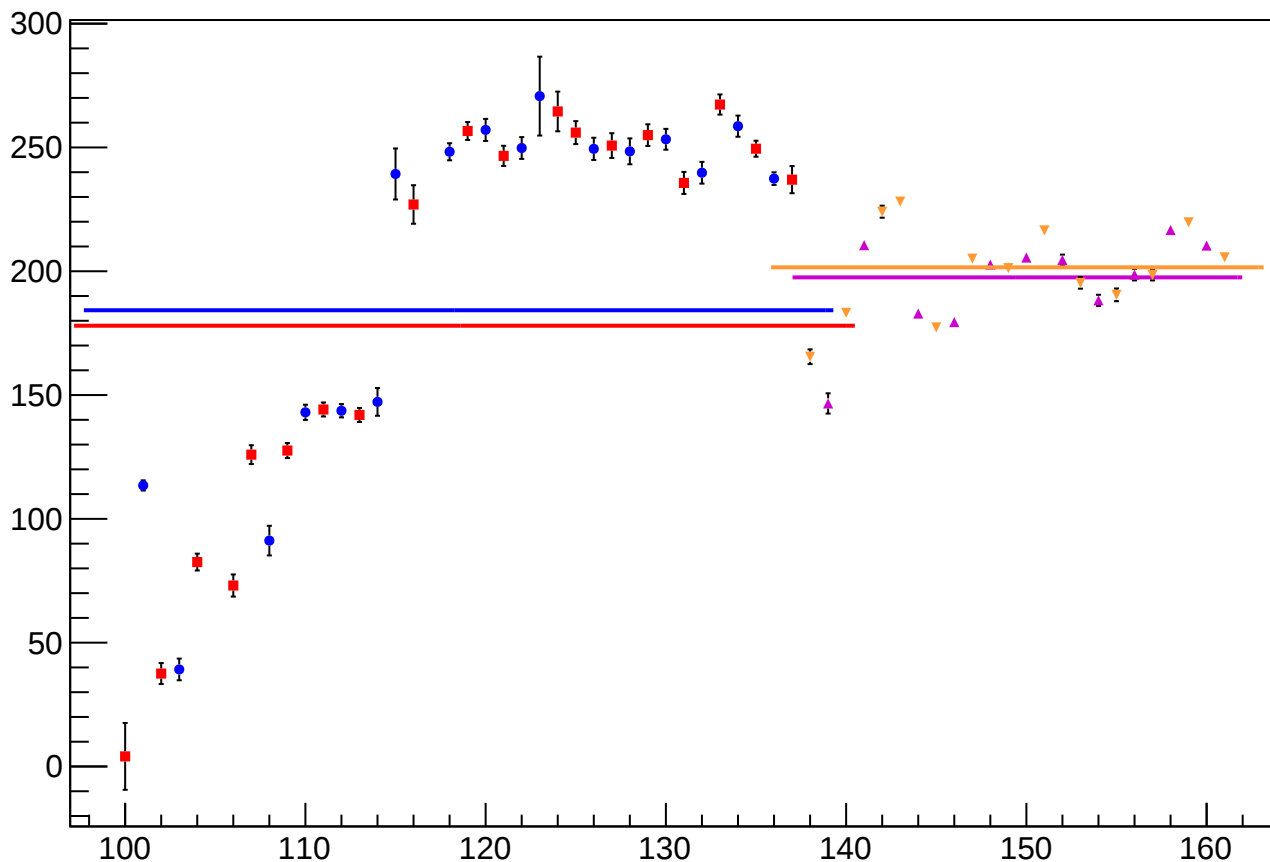
Right: -77.254 $\pm$ 0.978 χ^2/NDF : 1914.4/35

In: -122.395 $\pm$ 0.608 χ^2/NDF : 3144.5/27

Out: -118.191 $\pm$ 0.589 χ^2/NDF : 3148.1/31

All: -120.228 $\pm$ 0.423 χ^2/NDF : 6317.2/59

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: 201.585 $\pm$ 0.542 χ^2 /NDF: 941.6/12

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 197.523 $\pm$ 0.562 χ^2 /NDF: 668.7/10

Left: 199.629 $\pm$ 0.390 χ^2 /NDF: 1637.3/23

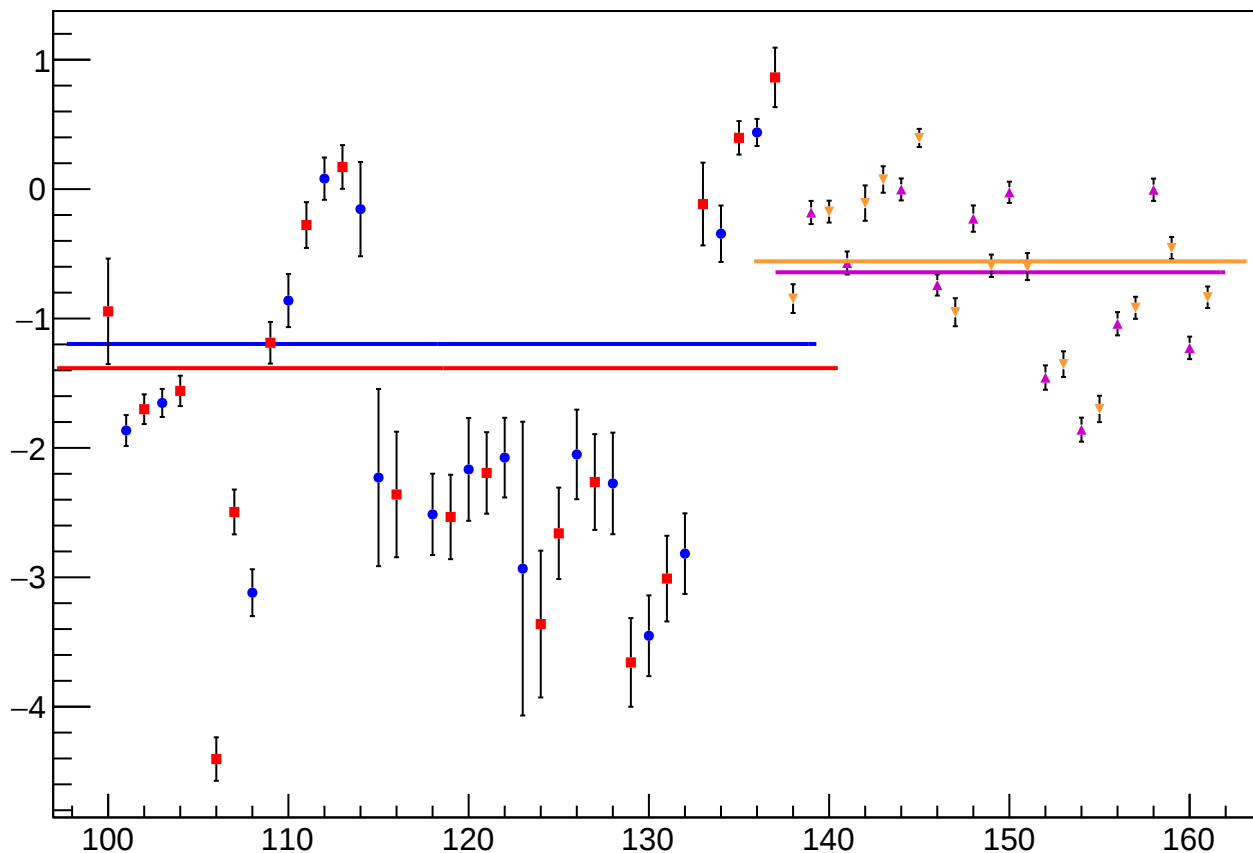
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 193.885 $\pm$ 0.479 χ^2 /NDF: 6210.0/27

Out: 195.545 $\pm$ 0.467 χ^2 /NDF: 7764.6/31

All: 194.736 $\pm$ 0.335 χ^2 /NDF: 13980.8/59

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.558 ± 0.026 χ^2/NDF : 493.1/12

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.643 ± 0.027 χ^2/NDF : 525.2/10

Left: -0.599 ± 0.019 χ^2/NDF : 1023.5/23

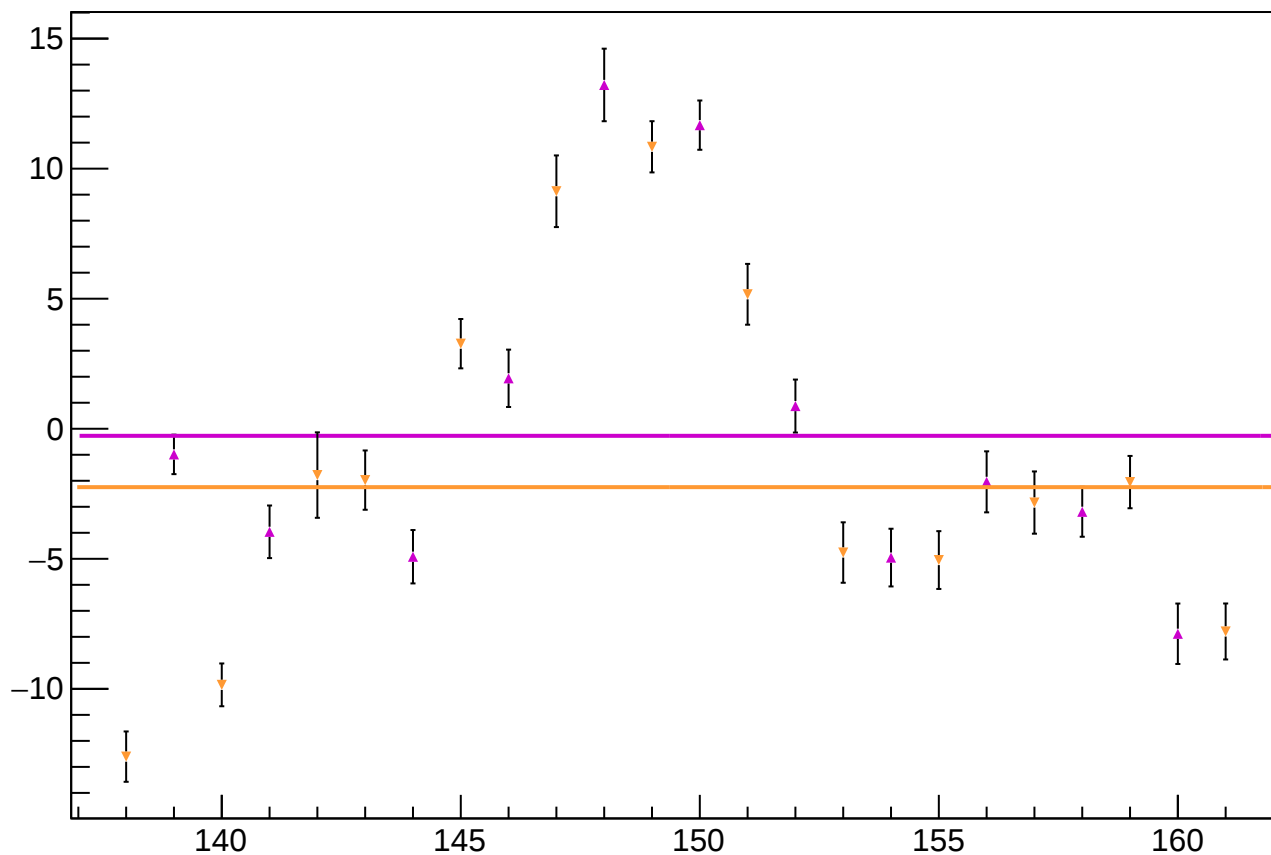
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.773 ± 0.023 χ^2/NDF : 1248.1/27

Out: -0.757 ± 0.022 χ^2/NDF : 1663.4/31

All: -0.765 ± 0.016 χ^2/NDF : 2911.7/59

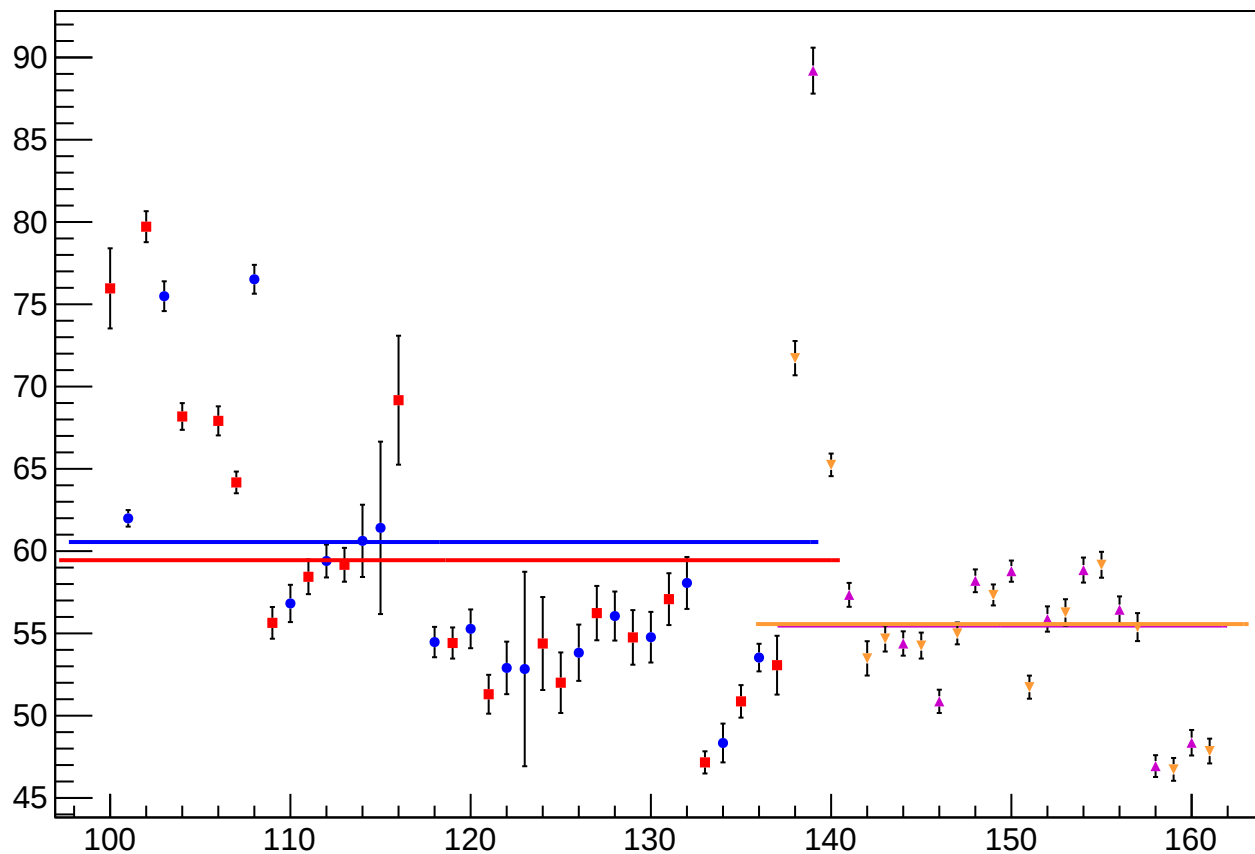
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.272+/-0.309 χ^2/NDF : 364.8/10

Left: -1.292+/-0.215 χ^2/NDF : 942.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.272+/-0.309 χ^2/NDF : 364.8/10
 Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 All: -1.292+/-0.215 χ^2/NDF : 942.9/23

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 55.568 $\pm$ 0.212 χ^2 /NDF: 774.5/12

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 55.476 $\pm$ 0.226 χ^2 /NDF: 948.0/10

Left: 55.525 $\pm$ 0.154 χ^2 /NDF: 1722.6/23

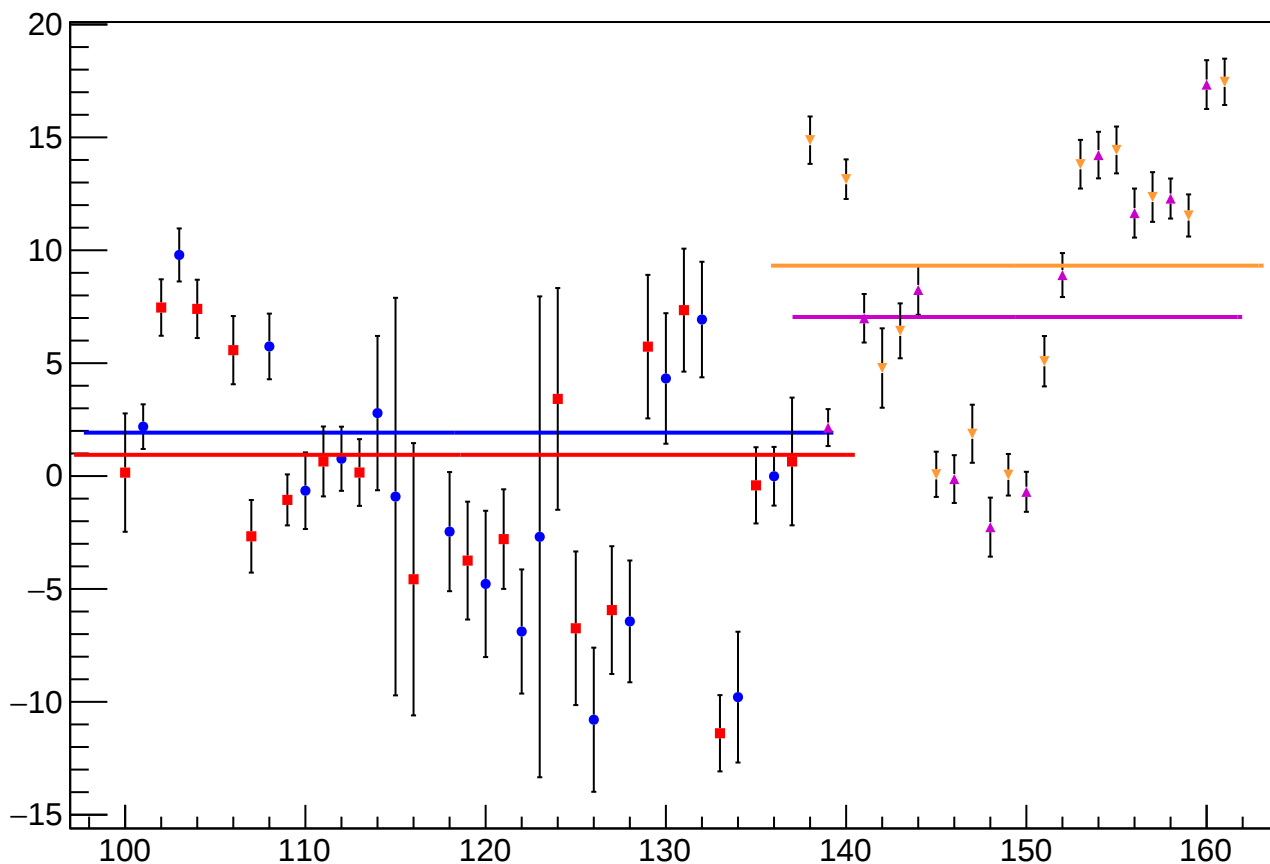
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 57.641 $\pm$ 0.171 χ^2 /NDF: 2094.6/27

Out: 57.206 $\pm$ 0.161 χ^2 /NDF: 2237.7/31

All: 57.410 $\pm$ 0.117 χ^2 /NDF: 4335.8/59

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 9.319 ± 0.295 $\chi^2/\text{NDF}: 411.7/12$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 7.045 ± 0.303 $\chi^2/\text{NDF}: 405.7/10$

Left: 8.212 ± 0.211 $\chi^2/\text{NDF}: 846.3/23$

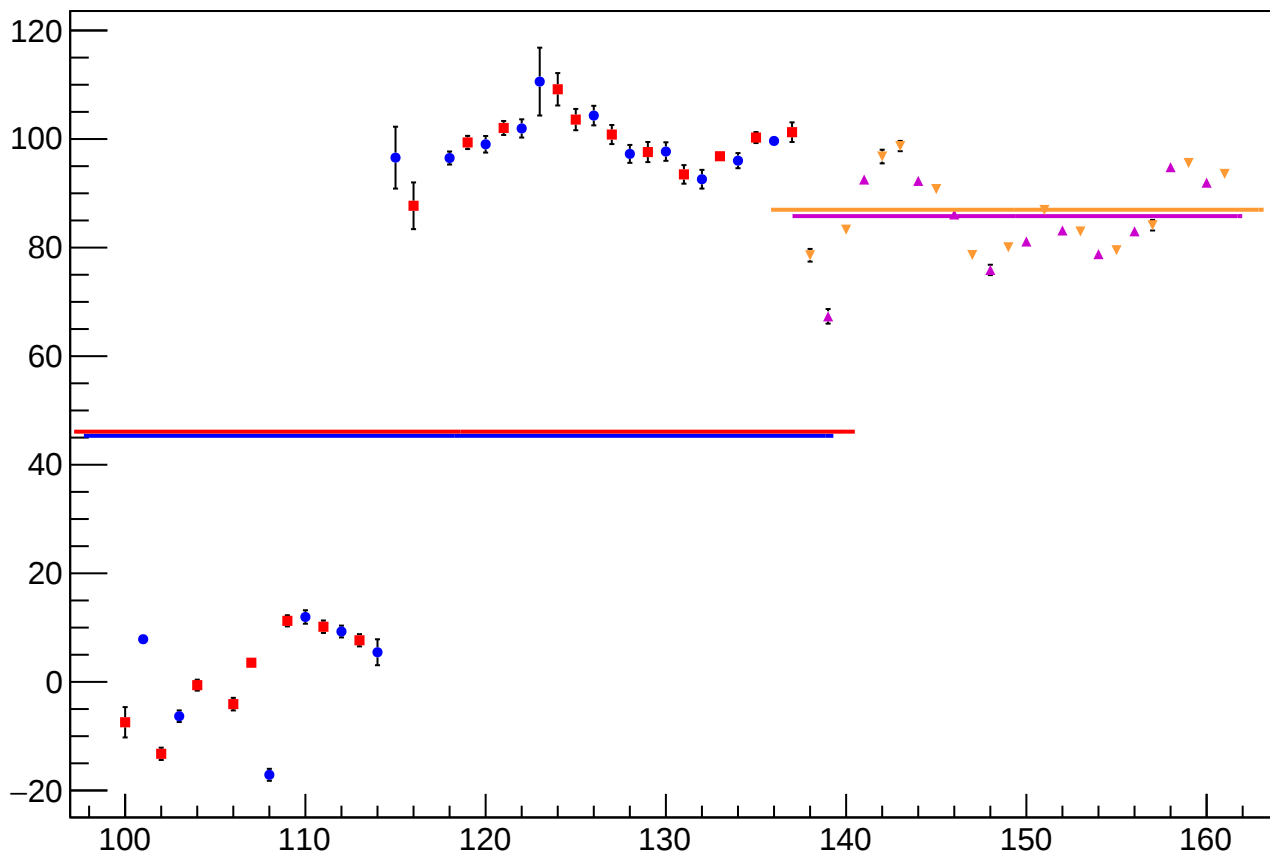
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 5.488 ± 0.253 $\chi^2/\text{NDF}: 613.7/27$

Out: 6.589 ± 0.242 $\chi^2/\text{NDF}: 825.1/31$

All: 6.062 ± 0.175 $\chi^2/\text{NDF}: 1448.7/59$

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: 86.976 $\pm$ 0.248 χ^2 /NDF: 772.6/12

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 85.801 $\pm$ 0.262 χ^2 /NDF: 752.1/10

Left: 86.421 $\pm$ 0.180 χ^2 /NDF: 1535.4/23

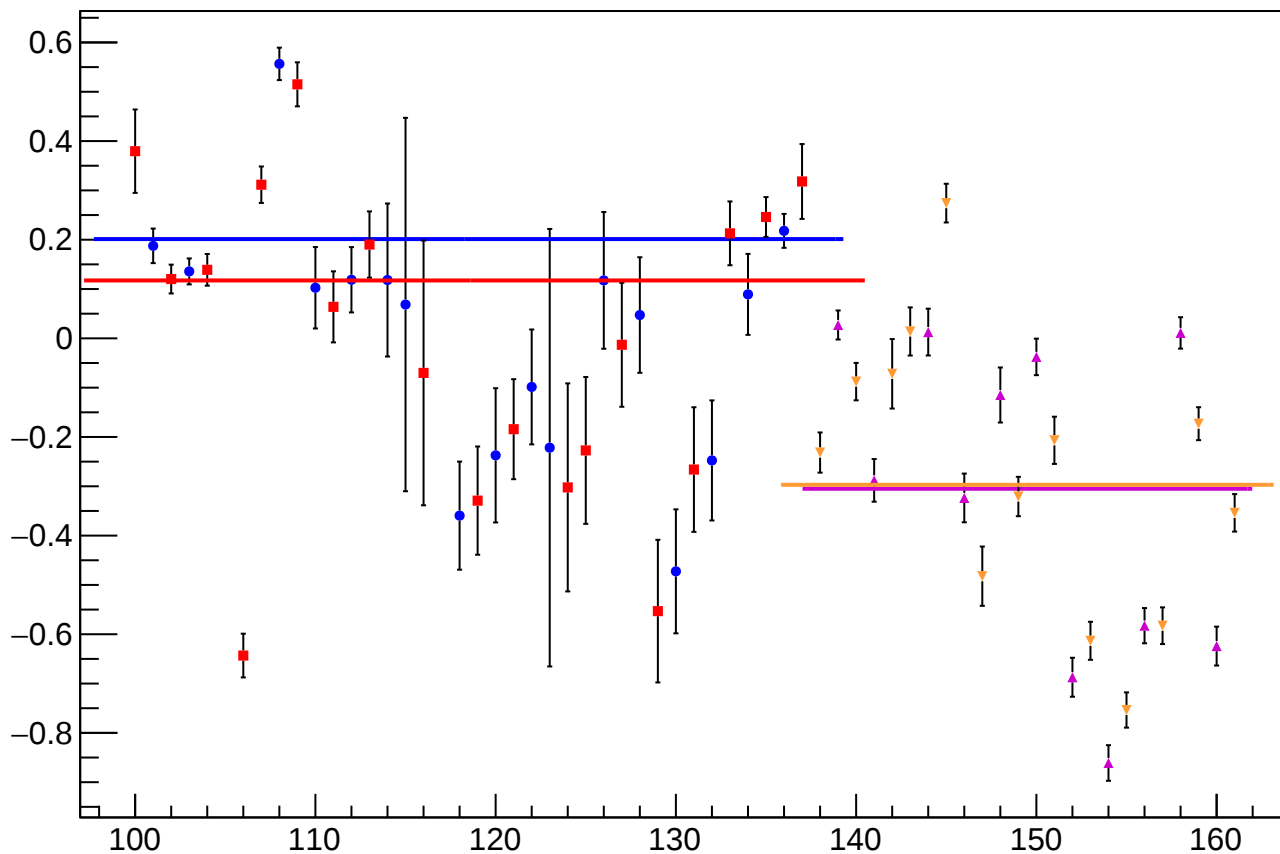
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 68.520 $\pm$ 0.198 χ^2 /NDF: 35940.8/27

Out: 69.656 $\pm$ 0.188 χ^2 /NDF: 40557.3/31

All: 69.118 $\pm$ 0.137 χ^2 /NDF: 76515.4/59

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.297 ± 0.011 χ^2/NDF : 614.7/12

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.305 ± 0.012 χ^2/NDF : 791.3/10

Left: -0.301 ± 0.008 χ^2/NDF : 1406.3/23

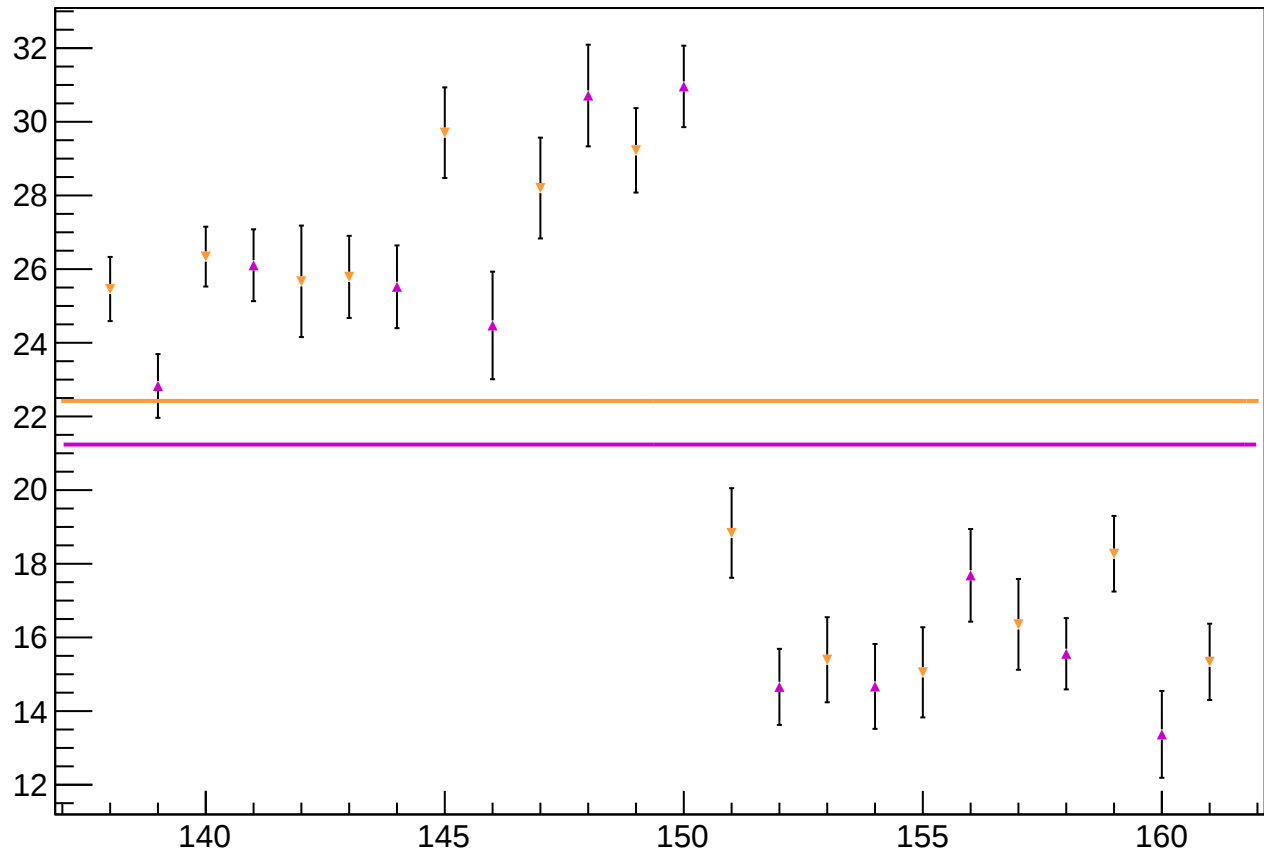
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.099 ± 0.009 χ^2/NDF : 1780.6/27

Out: -0.117 ± 0.009 χ^2/NDF : 1687.1/31

All: -0.108 ± 0.006 χ^2/NDF : 3469.7/59

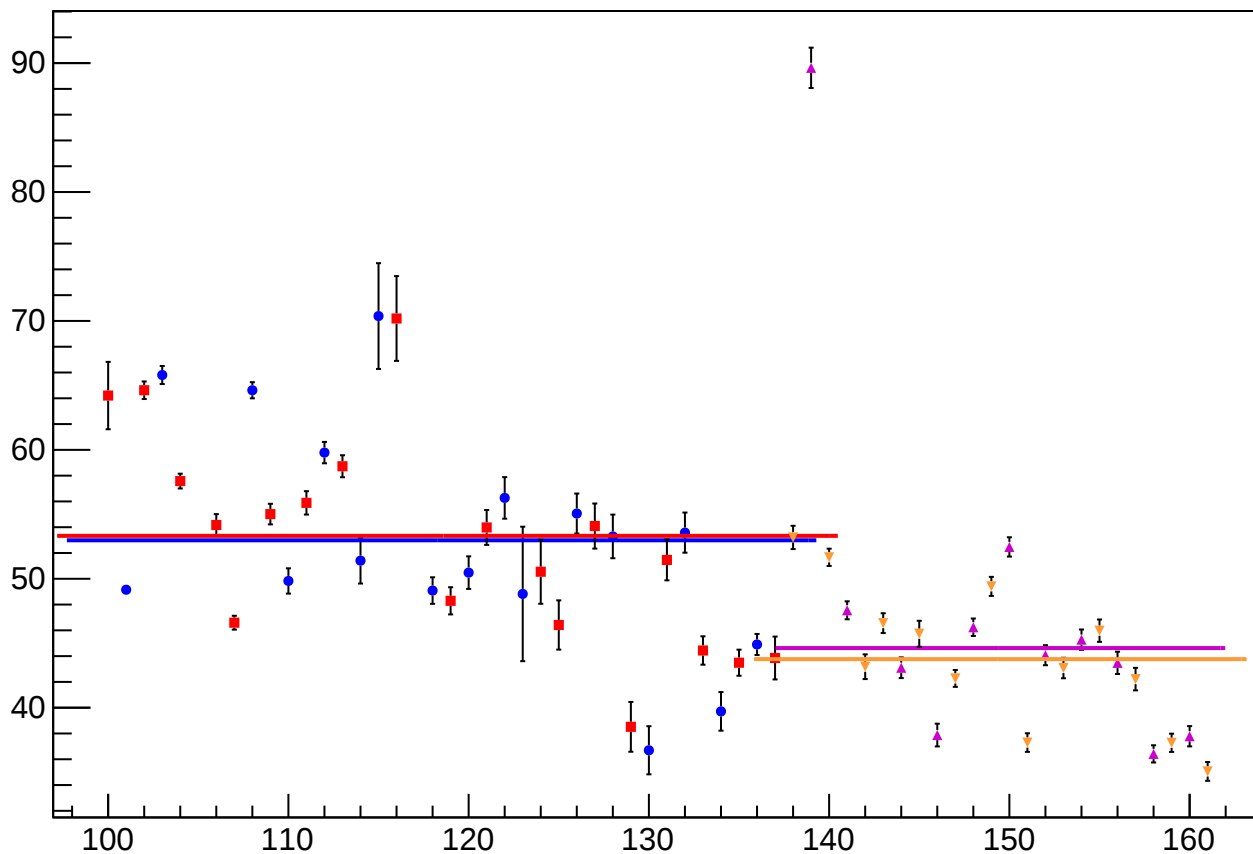
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.237+/-0.331 χ^2/NDF :332.2/10

Left: 21.876+/-0.225 χ^2/NDF : 645.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.237+/-0.331 χ^2/NDF :332.2/10
 Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 All: 21.876+/-0.225 χ^2/NDF : 645.6/23

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: 43.768 $\pm$ 0.216 χ^2 /NDF: 647.5/12

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 44.626 $\pm$ 0.238 χ^2 /NDF: 1254.3/10

Left: 44.157 $\pm$ 0.160 χ^2 /NDF: 1908.9/23

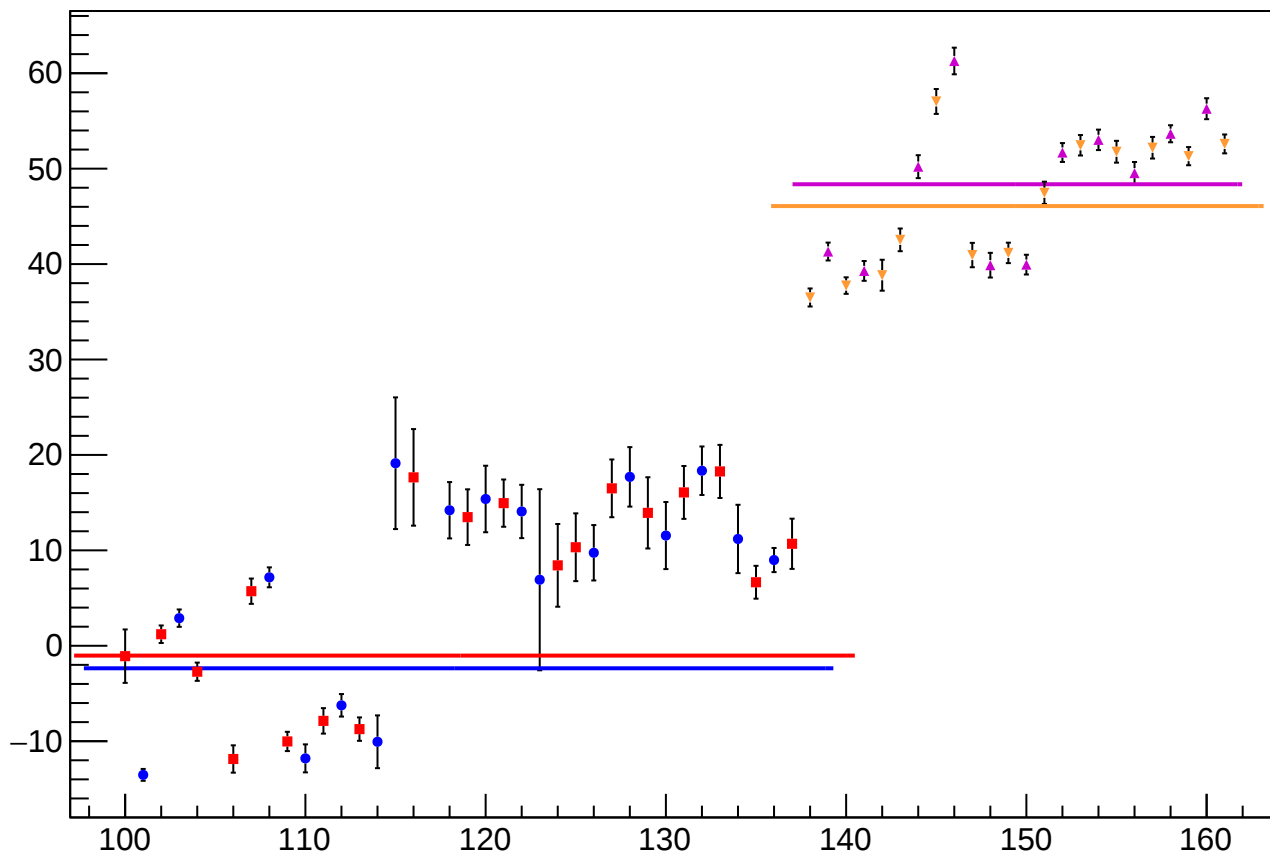
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 49.311 $\pm$ 0.157 χ^2 /NDF: 3146.5/27

Out: 48.324 $\pm$ 0.156 χ^2 /NDF: 2454.2/31

All: 48.814 $\pm$ 0.111 χ^2 /NDF: 5620.5/59

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 46.080 ± 0.303 $\chi^2/\text{NDF}: 496.3/12$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 48.365 ± 0.324 $\chi^2/\text{NDF}: 449.1/10$

Left: 47.146 ± 0.221 $\chi^2/\text{NDF}: 971.9/23$

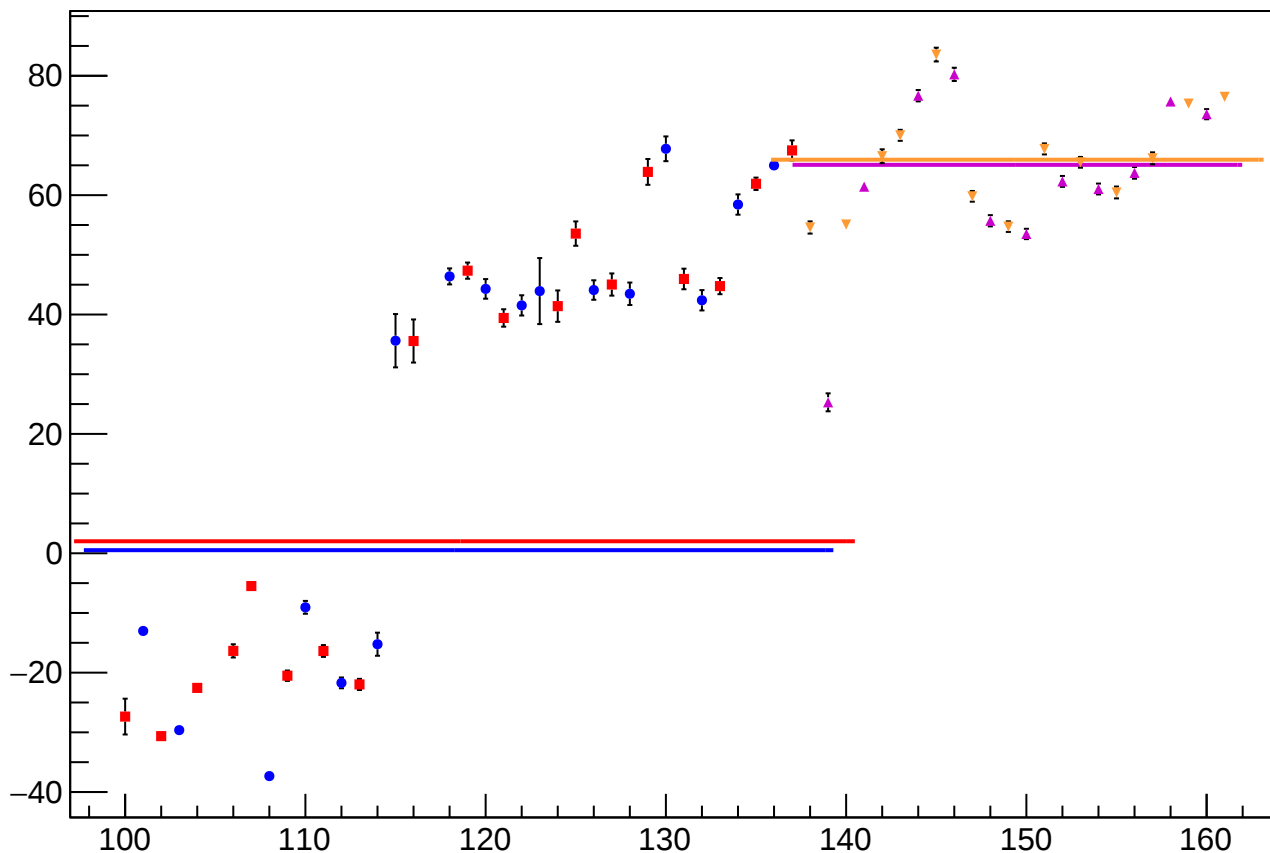
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 25.948 ± 0.242 $\chi^2/\text{NDF}: 12116.3/27$

Out: 27.578 ± 0.236 $\chi^2/\text{NDF}: 10496.4/31$

All: 26.783 ± 0.169 $\chi^2/\text{NDF}: 22635.9/59$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 65.942+/-0.254 χ^2/NDF : 1140.1/12

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 65.081+/-0.277 χ^2/NDF : 1687.8/10

Left: 65.548+/-0.187 χ^2/NDF : 2833.2/23

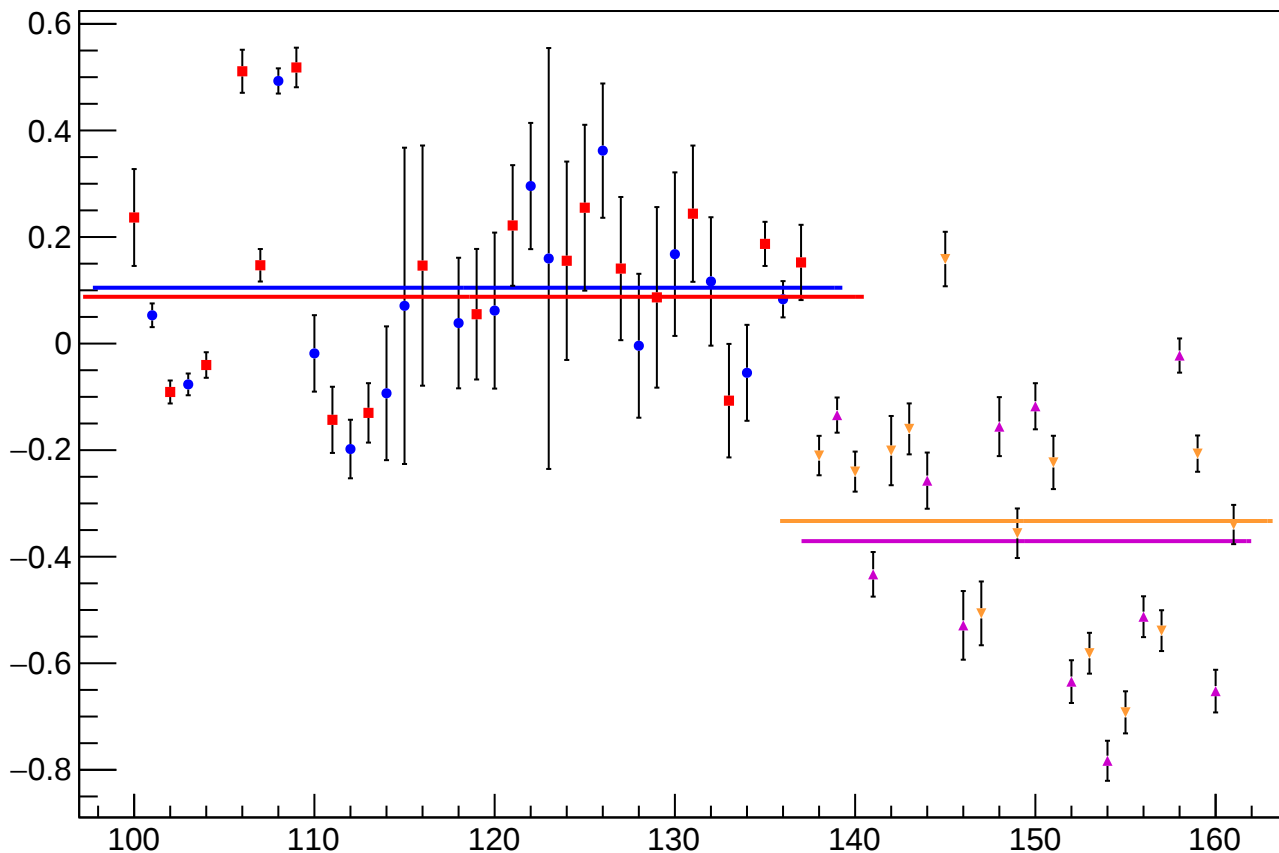
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 29.148+/-0.184 χ^2/NDF : 50389.8/27

Out: 35.518+/-0.184 χ^2/NDF : 46807.2/31

All: 32.341+/-0.130 χ^2/NDF : 97796.3/59

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.333 ± 0.012 $\chi^2/\text{NDF}: 307.4/12$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.371 ± 0.012 $\chi^2/\text{NDF}: 457.9/10$

Left: -0.351 ± 0.009 $\chi^2/\text{NDF}: 770.3/23$

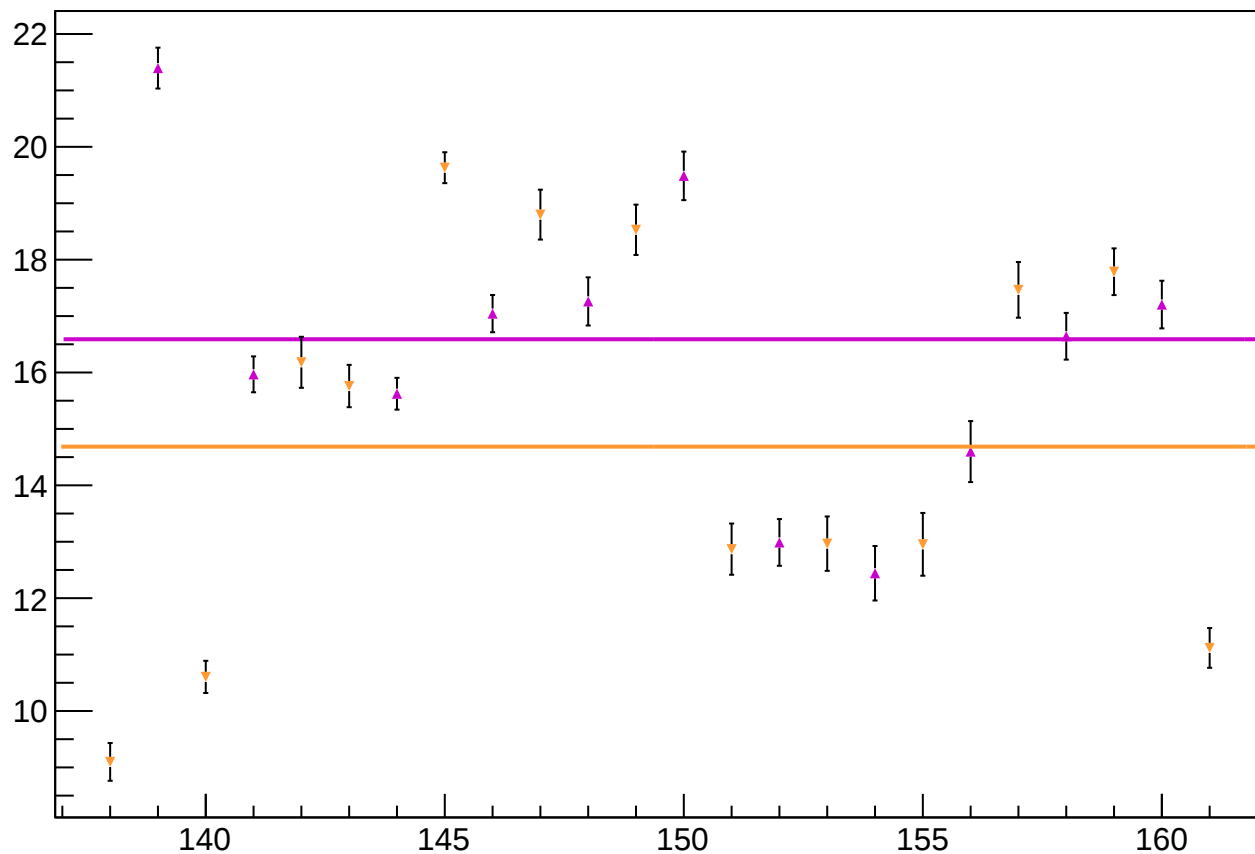
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.106 ± 0.008 $\chi^2/\text{NDF}: 1683.1/27$

Out: -0.109 ± 0.008 $\chi^2/\text{NDF}: 1381.6/31$

All: -0.108 ± 0.006 $\chi^2/\text{NDF}: 3064.8/59$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.686+/-0.107 χ^2/NDF :1217.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.589+/-0.115 χ^2/NDF :406.6/10

Left: 15.568+/-0.079 χ^2/NDF : 1770.4/23

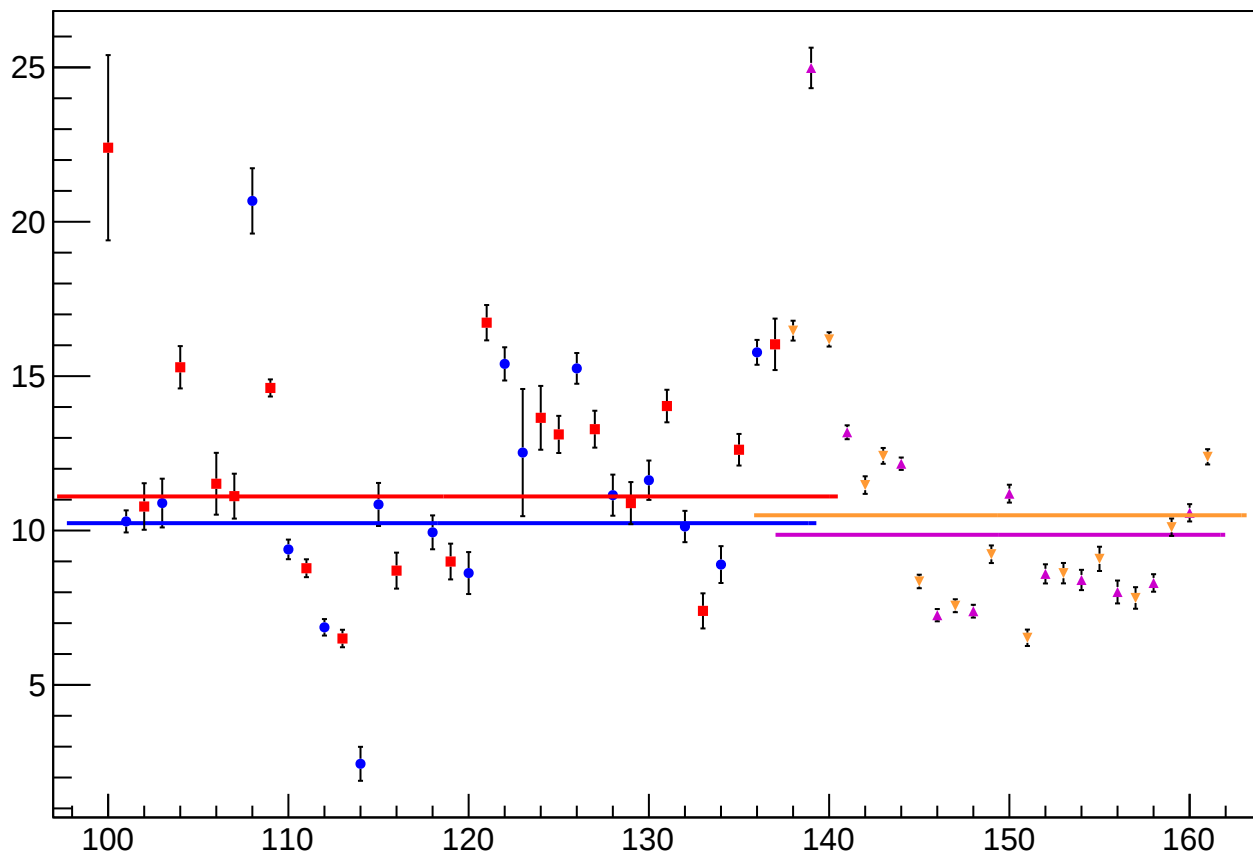
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.589+/-0.115 χ^2/NDF :406.6/10

Out: 14.686+/-0.107 χ^2/NDF :1217.6/12

All: 15.568+/-0.079 χ^2/NDF : 1770.4/23

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 10.494 ± 0.075 $\chi^2/\text{NDF}: 1717.4/12$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 9.862 ± 0.079 $\chi^2/\text{NDF}: 1312.9/10$

Left: 10.196 ± 0.054 $\chi^2/\text{NDF}: 3064.0/23$

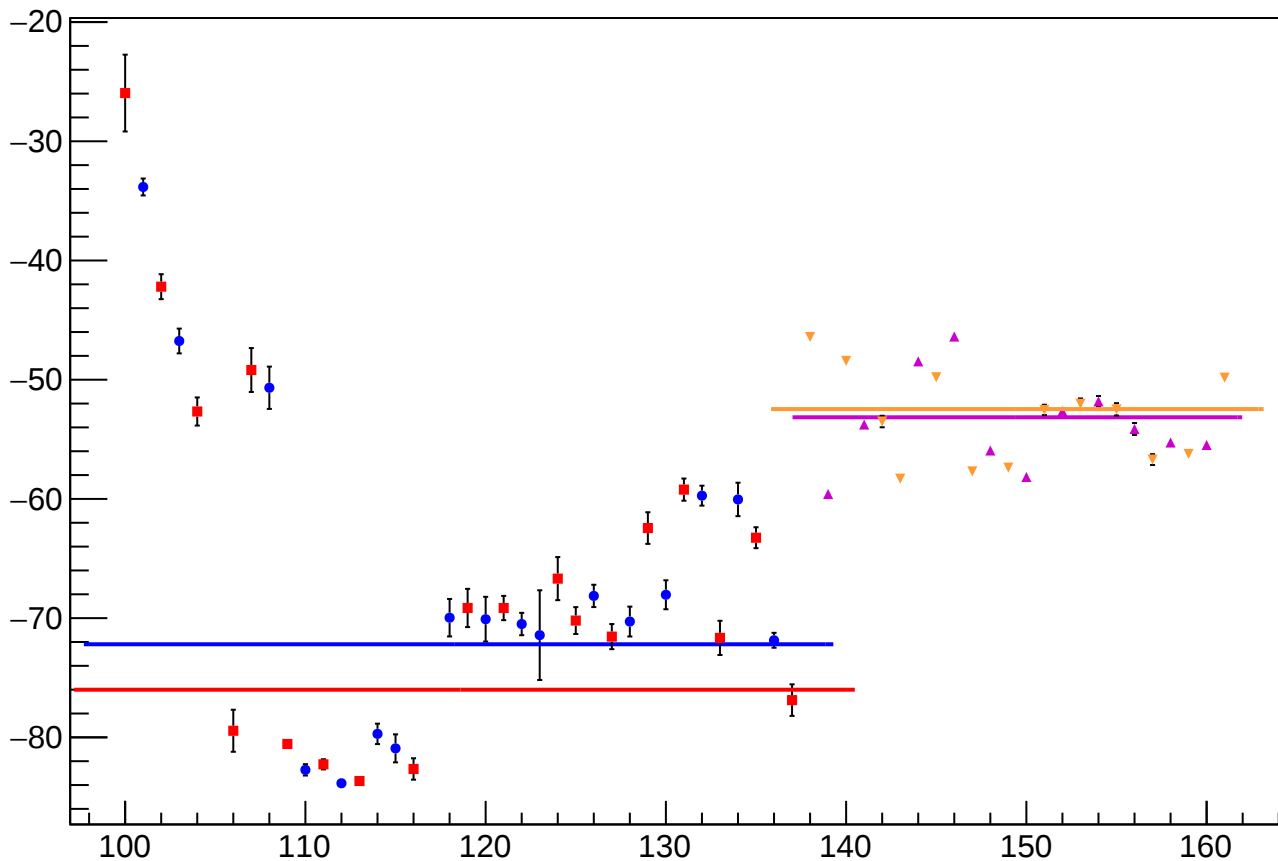
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 9.977 ± 0.066 $\chi^2/\text{NDF}: 2187.3/27$

Out: 10.672 ± 0.063 $\chi^2/\text{NDF}: 2552.0/31$

All: 10.341 ± 0.046 $\chi^2/\text{NDF}: 4797.4/59$

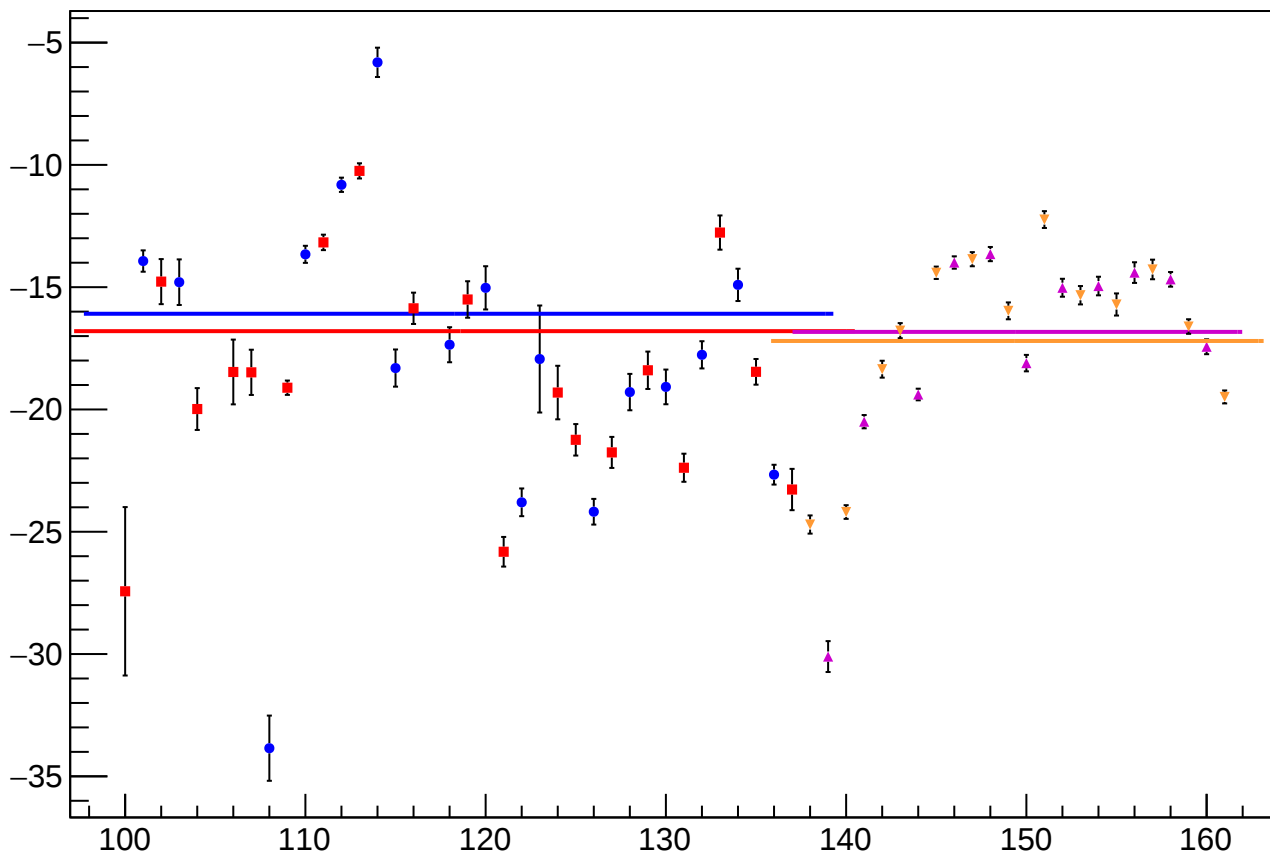
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16
 Left Out: -52.464 ± 0.107 χ^2/NDF : 1299.9/12
 Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18
 Left In: -53.153 ± 0.114 χ^2/NDF : 1255.4/10

Left: -52.789 ± 0.078 χ^2/NDF : 2574.7/23
 Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35
 In: -57.872 ± 0.099 χ^2/NDF : 13763.0/27
 Out: -58.598 ± 0.092 χ^2/NDF : 17278.5/31
 All: -58.259 ± 0.067 χ^2/NDF : 31070.3/59

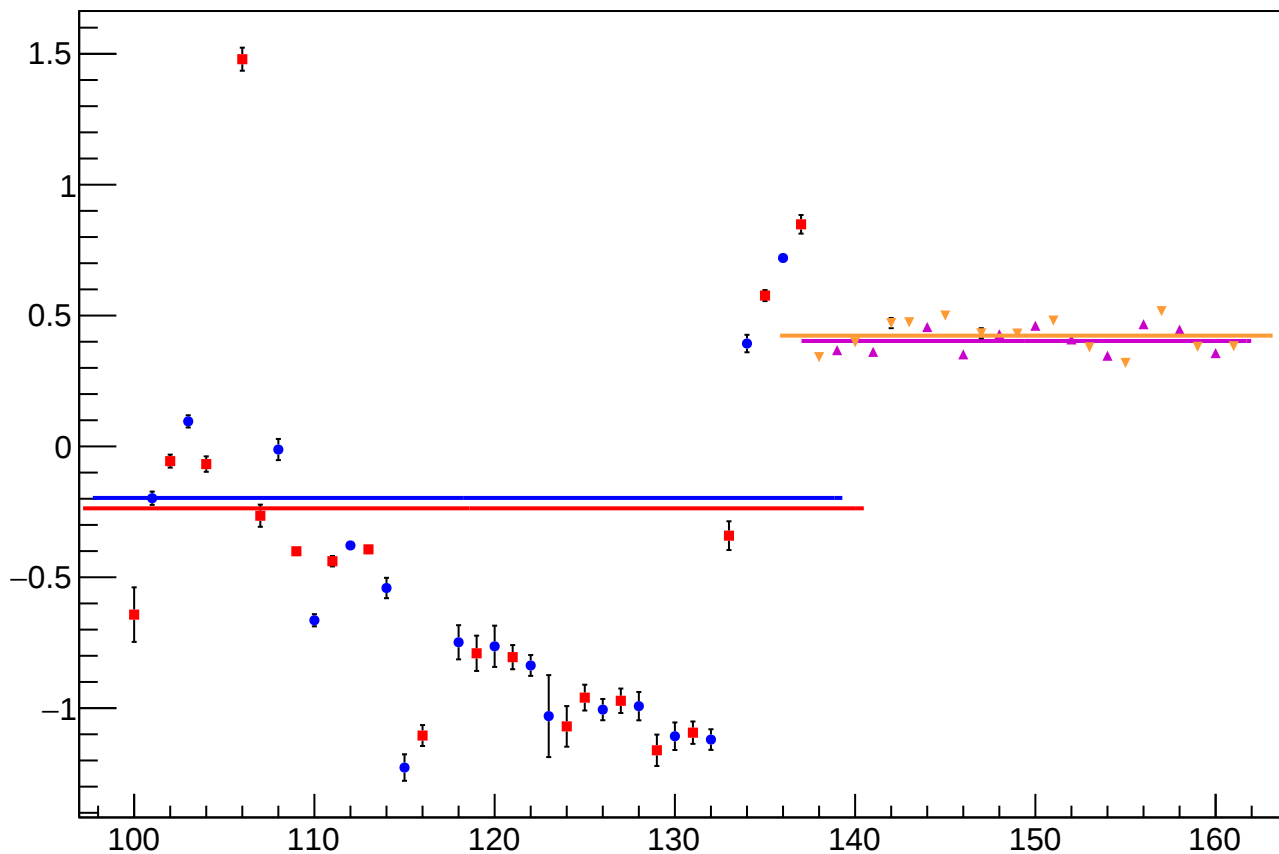
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.200 ± 0.089 $\chi^2/\text{NDF}: 1686.5/12$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -16.828 ± 0.095 $\chi^2/\text{NDF}: 1136.4/10$

Left: -17.026 ± 0.065 $\chi^2/\text{NDF}: 2831.1/23$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -16.578 ± 0.077 $\chi^2/\text{NDF}: 2778.9/27$
 Out: -17.069 ± 0.073 $\chi^2/\text{NDF}: 2907.1/31$
 All: -16.837 ± 0.053 $\chi^2/\text{NDF}: 5707.5/59$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.423 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.403 ± 0.004 χ^2/NDF : 106.9/10

Left: 0.414 ± 0.003 χ^2/NDF : 323.1/23

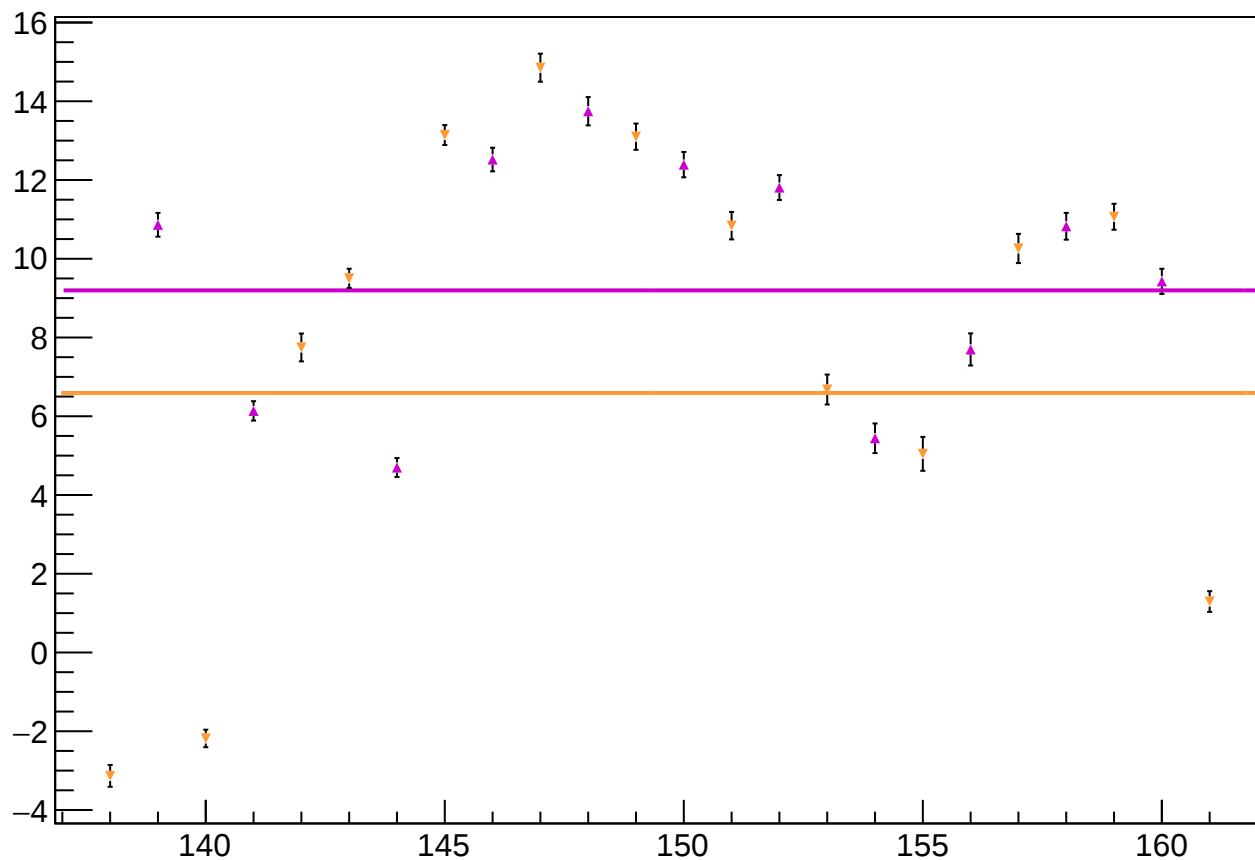
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.246 ± 0.004 χ^2/NDF : 11099.9/27

Out: 0.253 ± 0.004 χ^2/NDF : 12708.9/31

All: 0.250 ± 0.003 χ^2/NDF : 23810.6/59

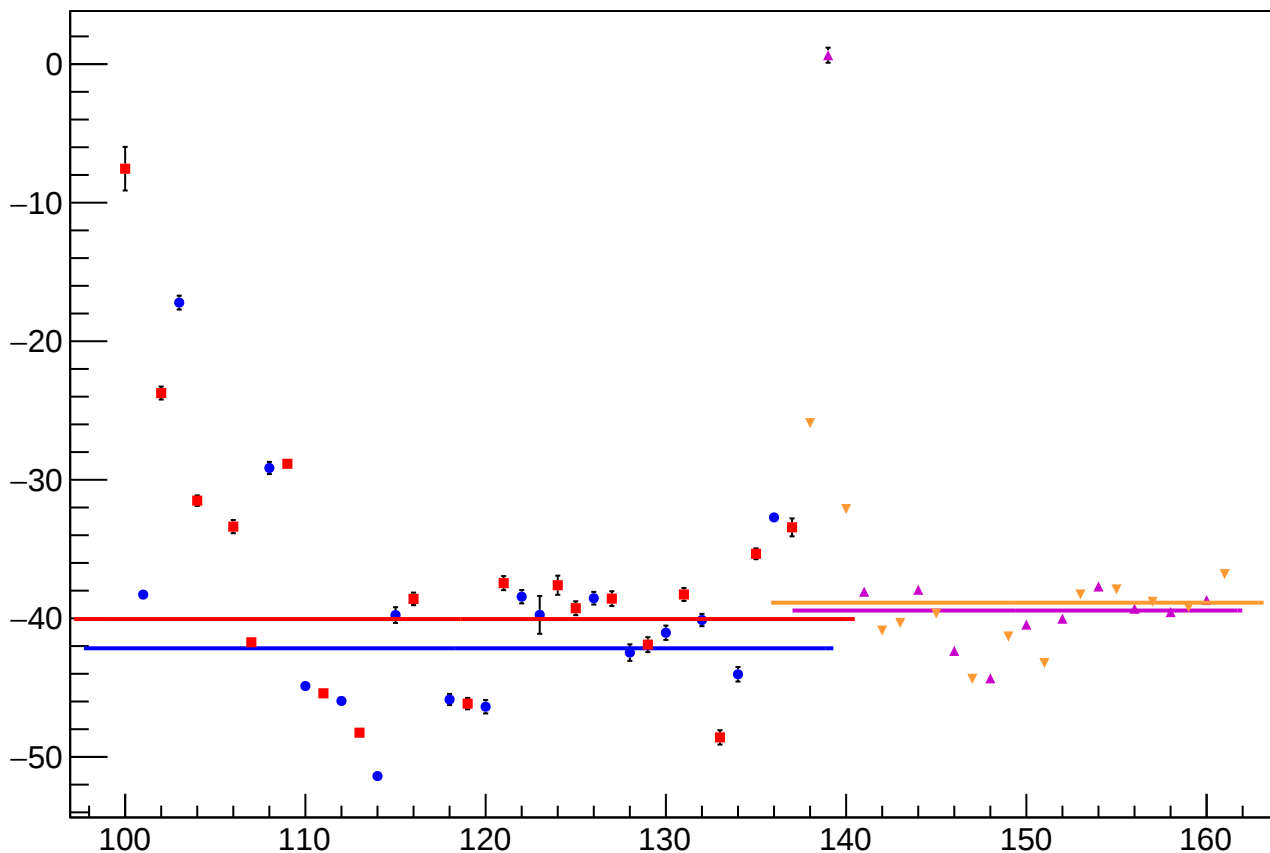
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.592+/-0.084 χ^2/NDF :5373.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.196+/-0.093 χ^2/NDF :1121.9/10

Left: 7.757+/-0.062 χ^2/NDF : 6925.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.196+/-0.093 χ^2/NDF :1121.9/10
 Out: 6.592+/-0.084 χ^2/NDF :5373.3/12
 All: 7.757+/-0.062 χ^2/NDF : 6925.9/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.869 ± 0.058 $\chi^2/\text{NDF}: 5650.9/12$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.435 ± 0.065 $\chi^2/\text{NDF}: 6657.5/10$

Left: -39.124 ± 0.043 $\chi^2/\text{NDF}: 12350.5/23$

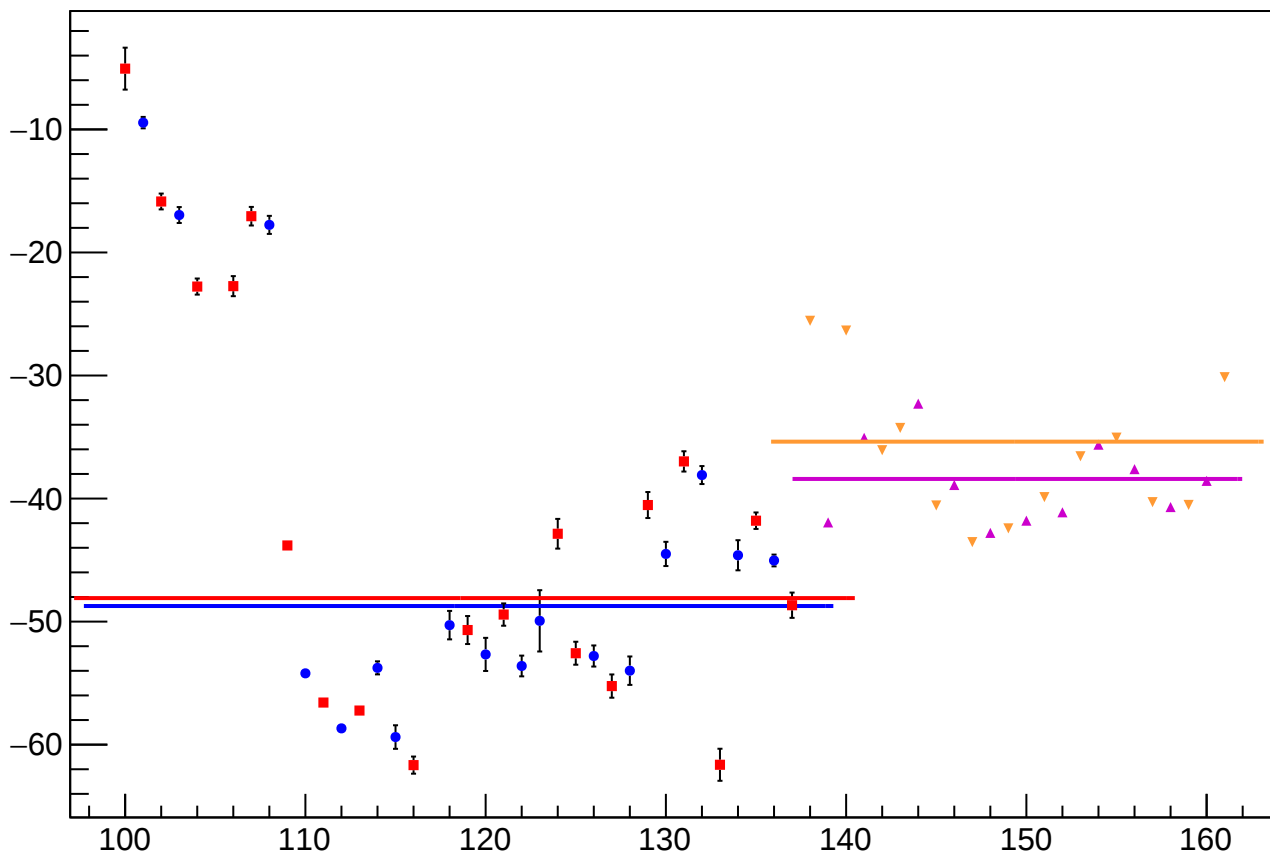
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.547 ± 0.050 $\chi^2/\text{NDF}: 13952.1/27$

Out: -39.332 ± 0.046 $\chi^2/\text{NDF}: 17122.3/31$

All: -39.886 ± 0.034 $\chi^2/\text{NDF}: 31398.5/59$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.375 ± 0.084 $\chi^2/\text{NDF}: 5140.1/12$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.406 ± 0.092 $\chi^2/\text{NDF}: 1346.5/10$

Left: -36.755 ± 0.062 $\chi^2/\text{NDF}: 7080.5/23$

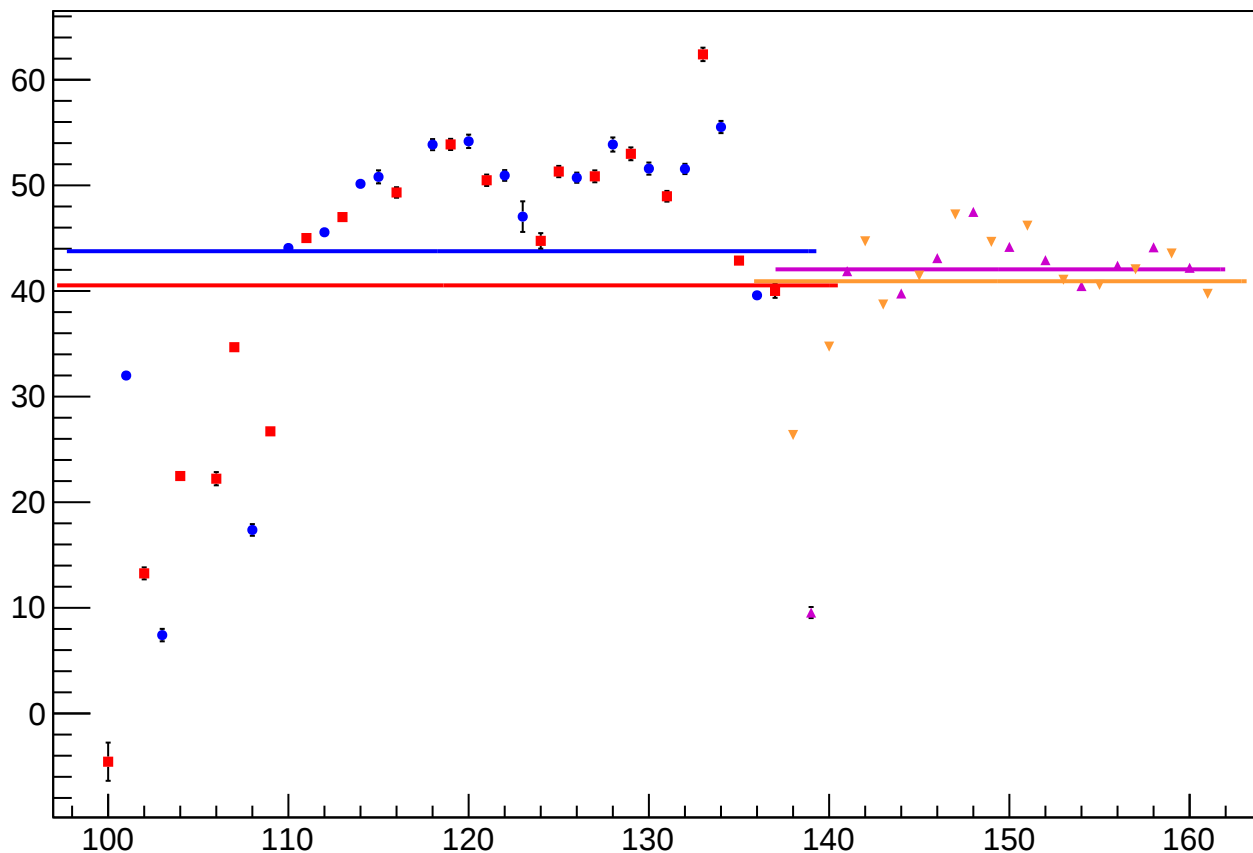
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.037 ± 0.074 $\chi^2/\text{NDF}: 20454.2/27$

Out: -40.204 ± 0.066 $\chi^2/\text{NDF}: 25592.2/31$

All: -41.018 ± 0.049 $\chi^2/\text{NDF}: 46387.8/59$

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: 40.923 $\pm$ 0.069 χ^2 /NDF:4824.0/12

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 42.048 $\pm$ 0.077 χ^2 /NDF:4665.4/10

Left: 41.429 $\pm$ 0.051 χ^2 /NDF: 9608.3/23

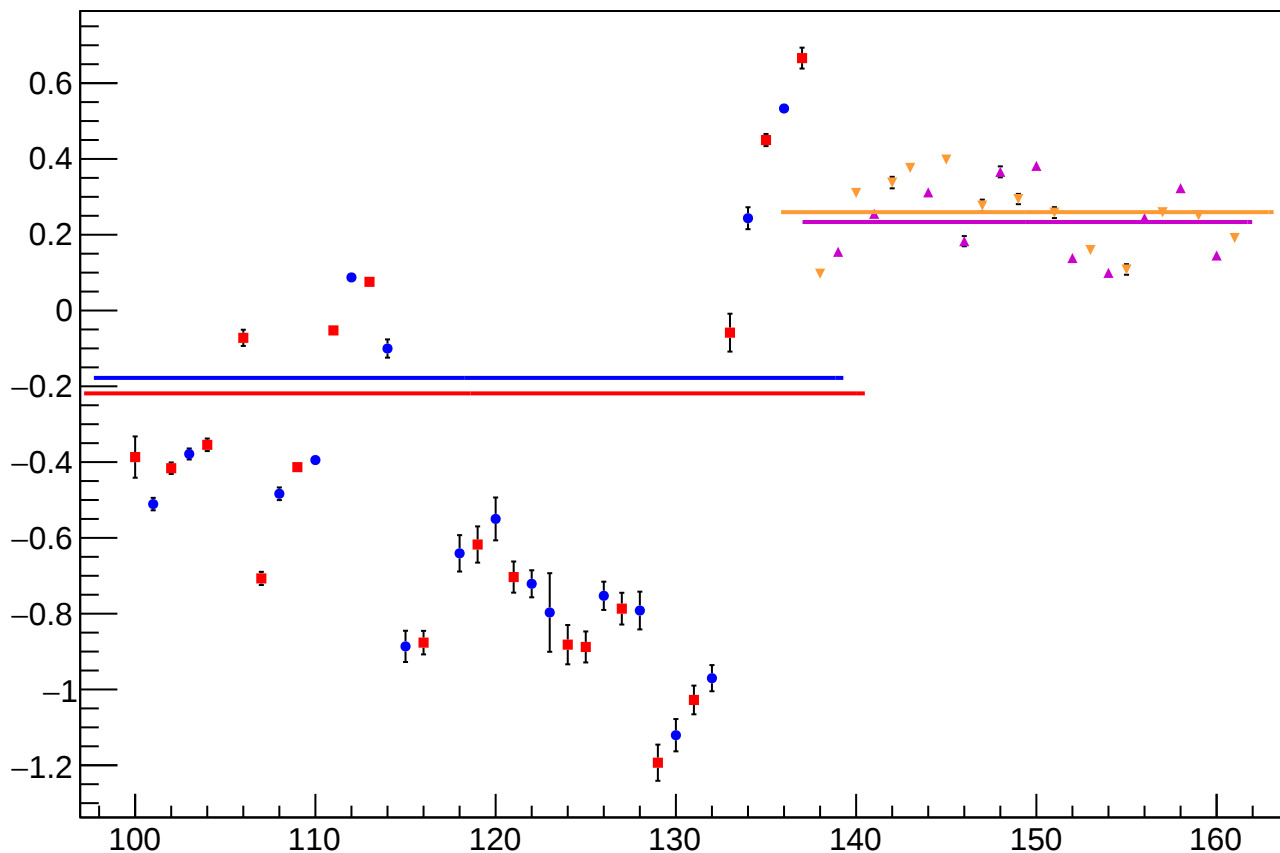
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.801 $\pm$ 0.057 χ^2 /NDF:15519.2/27

Out: 40.756 $\pm$ 0.052 χ^2 /NDF:22418.4/31

All: 41.684 $\pm$ 0.039 χ^2 /NDF: 38629.6/59

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.260 ± 0.003 χ^2/NDF : 775.8/12

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.234 ± 0.004 χ^2/NDF : 644.9/10

Left: 0.248 ± 0.002 χ^2/NDF : 1449.2/23

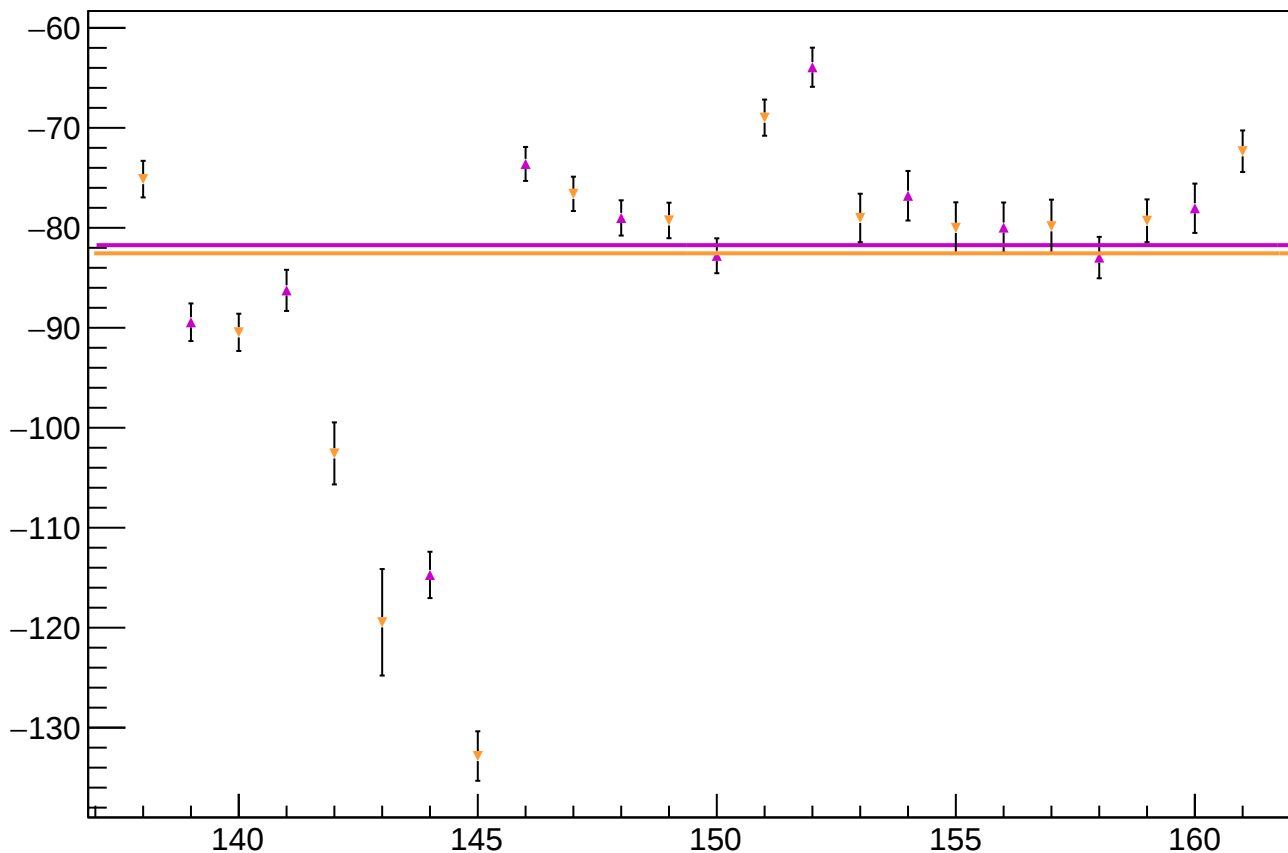
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.087 ± 0.003 χ^2/NDF : 12657.2/27

Out: 0.082 ± 0.003 χ^2/NDF : 16026.9/31

All: 0.085 ± 0.002 χ^2/NDF : 28685.6/59

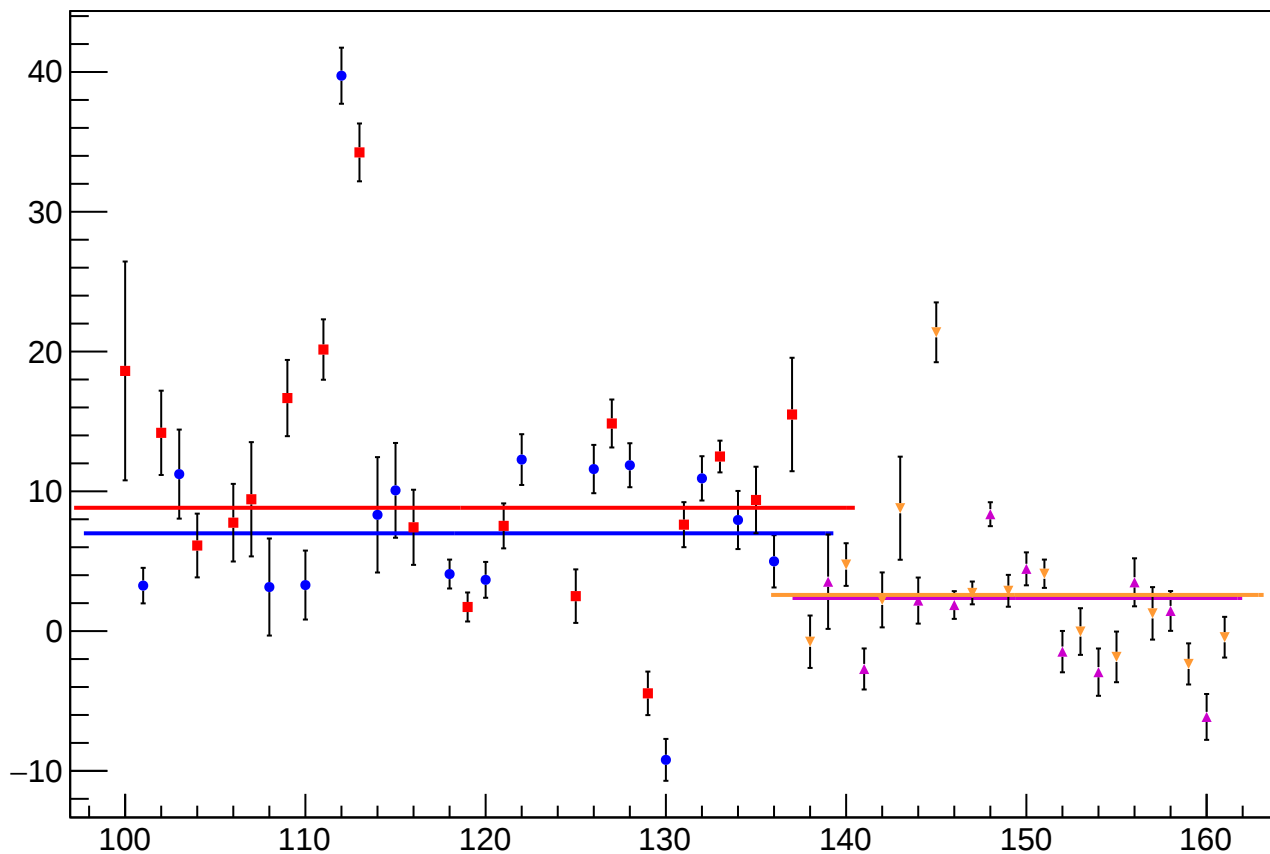
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -82.550+/-0.601 χ^2/NDF : 639.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.734+/-0.611 χ^2/NDF : 339.6/10

Left: -82.148+/-0.429 χ^2/NDF : 979.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.734+/-0.611 χ^2/NDF : 339.6/10
 Out: -82.550+/-0.601 χ^2/NDF : 639.0/12
 All: -82.148+/-0.429 χ^2/NDF : 979.5/23

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: 2.588 ± 0.395 $\chi^2/\text{NDF}: 112.0/12$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.369 ± 0.407 $\chi^2/\text{NDF}: 108.8/10$

Left: 2.482 ± 0.284 $\chi^2/\text{NDF}: 221.0/23$

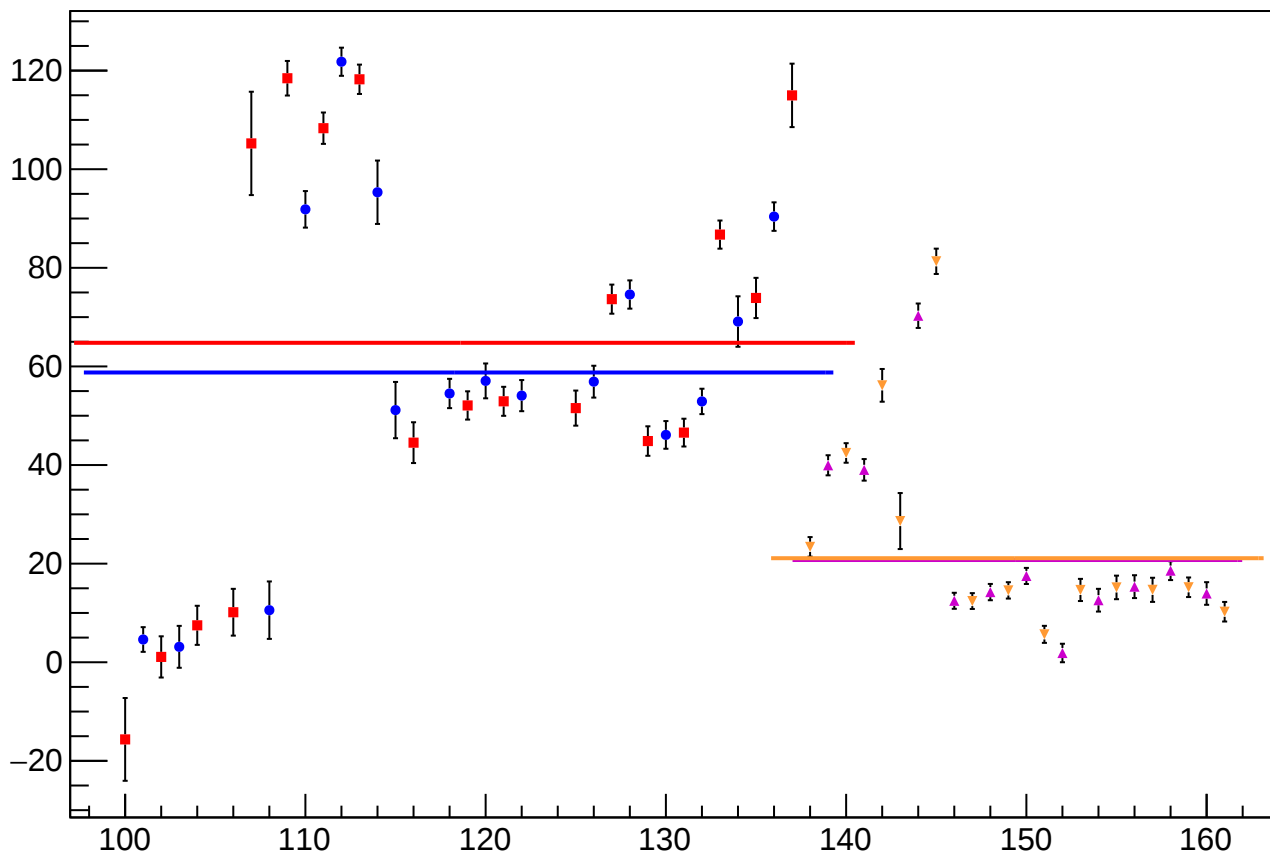
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.535 ± 0.297 $\chi^2/\text{NDF}: 614.6/26$

Out: 5.313 ± 0.297 $\chi^2/\text{NDF}: 571.1/30$

All: 4.924 ± 0.210 $\chi^2/\text{NDF}: 1189.1/57$

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: 21.103 $\pm$ 0.586 χ^2/NDF : 964.4/12

Right Out: 64.792 $\pm$ 0.840 χ^2/NDF : 1718.1/17

Left In: 20.738 $\pm$ 0.592 χ^2/NDF : 732.8/10

Left: 20.923 $\pm$ 0.416 χ^2/NDF : 1697.4/23

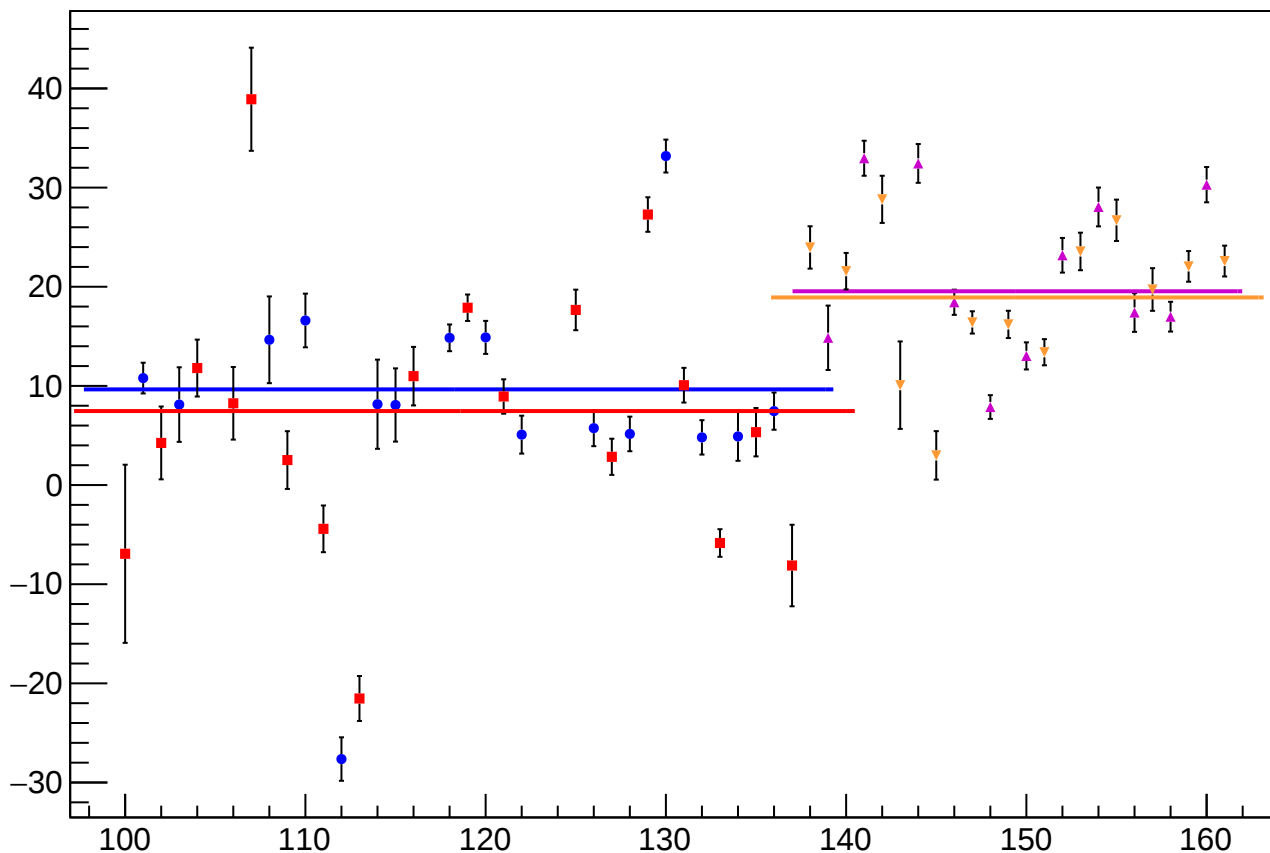
Right: 61.754 $\pm$ 0.592 χ^2/NDF : 3237.3/33

In: 33.499 $\pm$ 0.482 χ^2/NDF : 3611.5/26

Out: 35.386 $\pm$ 0.481 χ^2/NDF : 4501.1/30

All: 34.446 $\pm$ 0.340 χ^2/NDF : 8120.3/57

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.922 ± 0.479 χ^2/NDF : 127.6/12

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 19.544 ± 0.491 χ^2/NDF : 285.8/10

Left: 19.225 ± 0.343 χ^2/NDF : 414.2/23

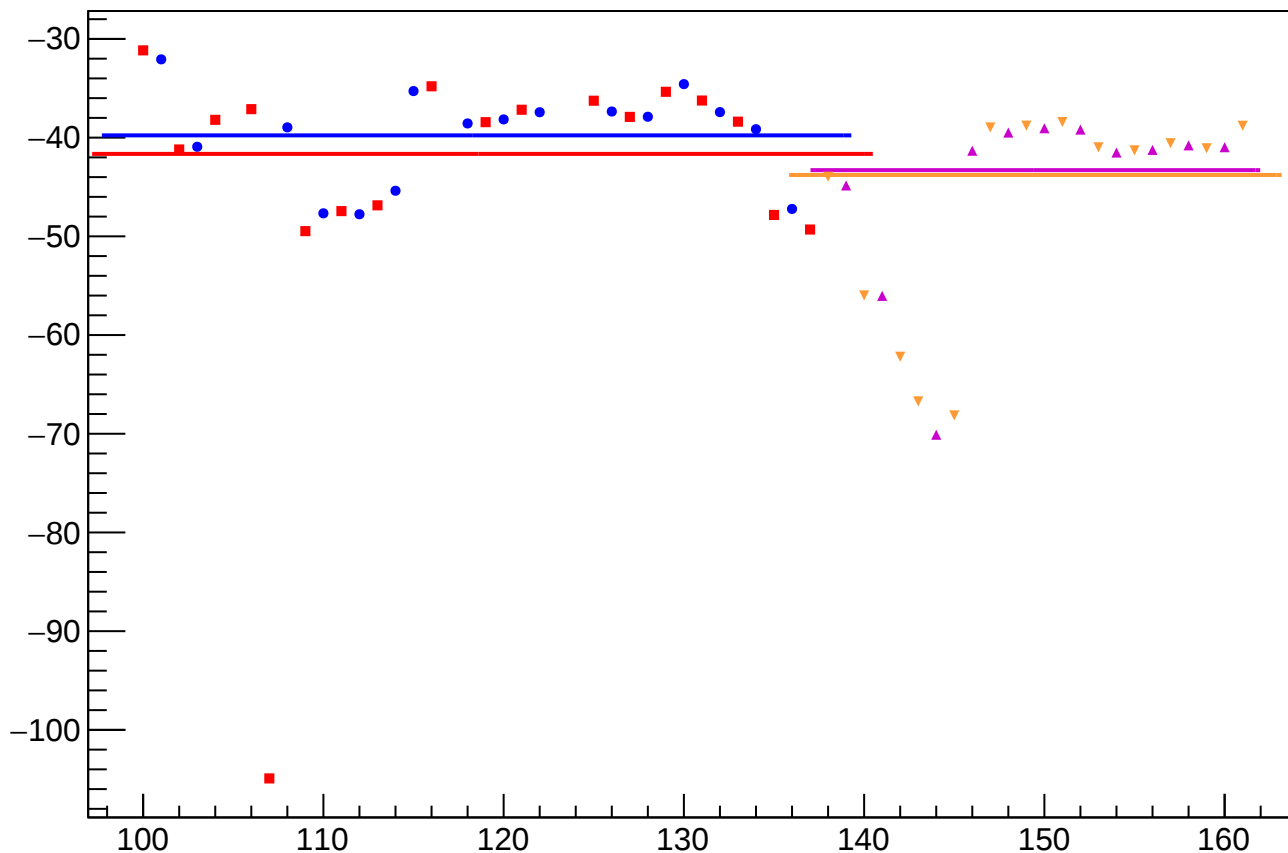
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 14.702 ± 0.351 χ^2/NDF : 1037.8/26

Out: 13.616 ± 0.351 χ^2/NDF : 959.7/30

All: 14.158 ± 0.248 χ^2/NDF : 2002.2/57

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.784 ± 0.023 χ^2/NDF : 129996.0/12

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -43.294 ± 0.023 χ^2/NDF : 95564.9/10

Left: -43.538 ± 0.016 χ^2/NDF : 225782.3/23

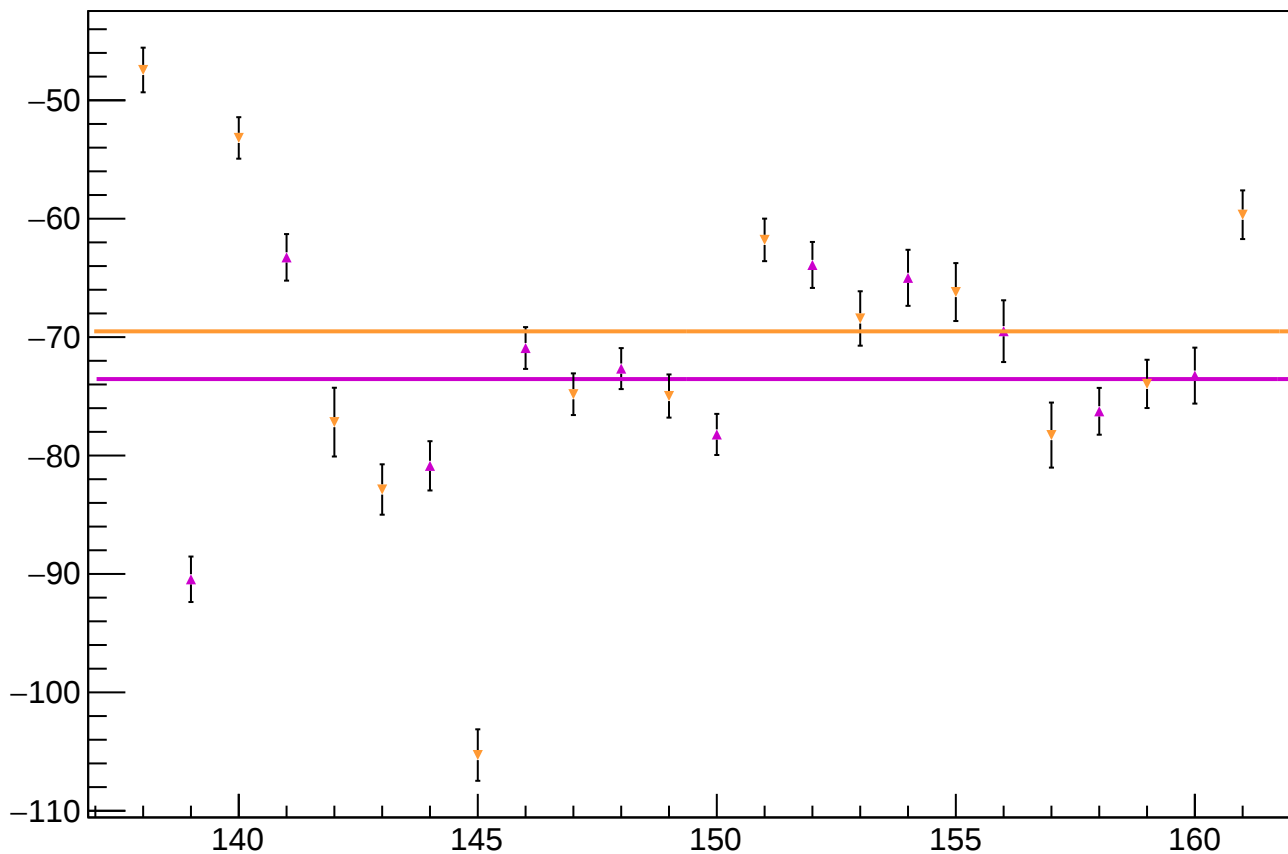
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.030 ± 0.019 χ^2/NDF : 129964.9/26

Out: -43.019 ± 0.019 χ^2/NDF : 227522.3/30

All: -42.524 ± 0.013 χ^2/NDF : 358895.2/57

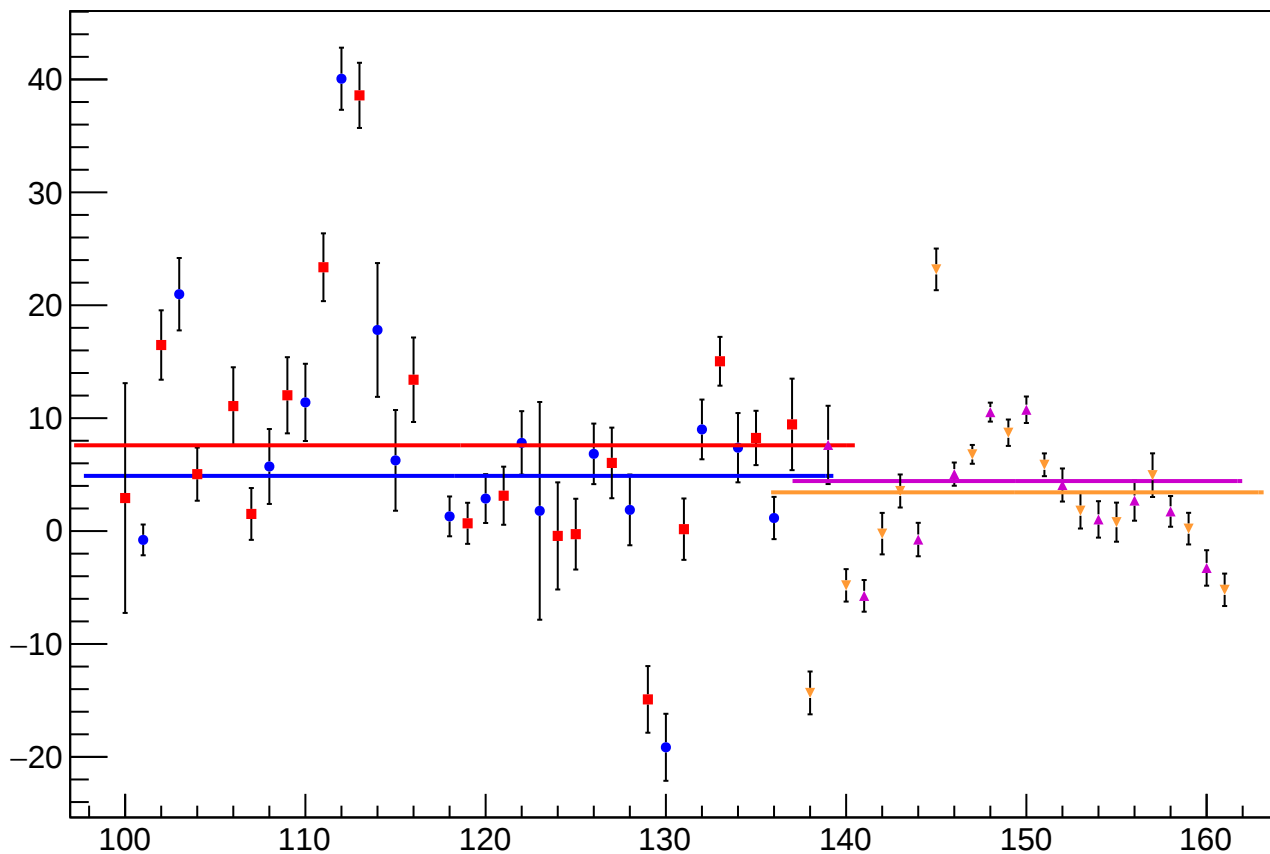
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -69.512+/-0.572 χ^2/NDF :617.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.543+/-0.600 χ^2/NDF :169.0/10

Left: -71.429+/-0.414 χ^2/NDF : 810.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -73.543+/-0.600 χ^2/NDF :169.0/10
 Out: -69.512+/-0.572 χ^2/NDF :617.8/12
 All: -71.429+/-0.414 χ^2/NDF : 810.4/23

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 3.430 ± 0.379 χ^2/NDF : 327.1/12

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 4.430 ± 0.400 χ^2/NDF : 181.2/10

Left: 3.903 ± 0.275 χ^2/NDF : 511.6/23

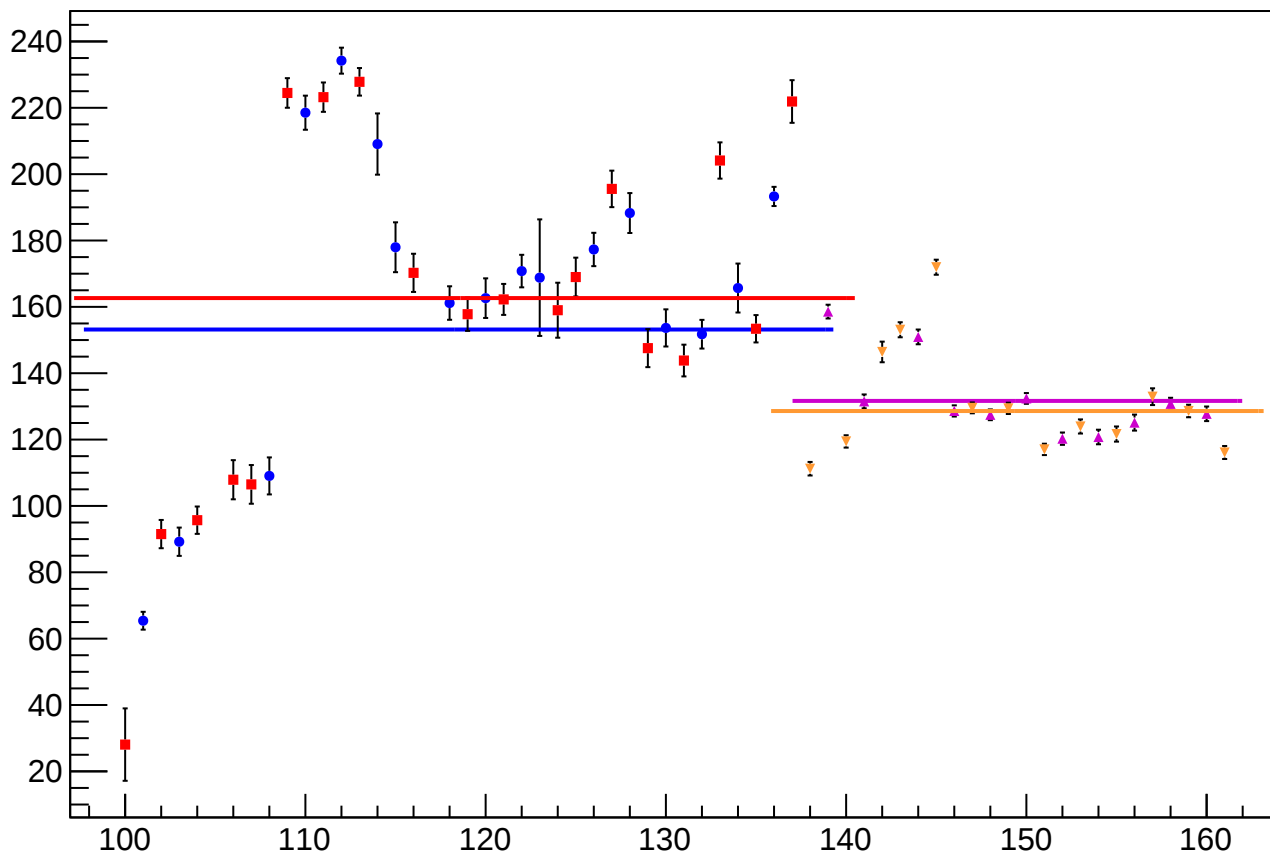
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 4.564 ± 0.336 χ^2/NDF : 476.3/27

Out: 4.484 ± 0.327 χ^2/NDF : 627.1/31

All: 4.523 ± 0.235 χ^2/NDF : 1103.4/59

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 128.602 $\pm$ 0.561 χ^2 /NDF: 714.1/12

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 131.653 $\pm$ 0.583 χ^2 /NDF: 325.5/10

Left: 130.069 $\pm$ 0.404 χ^2 /NDF: 1053.9/23

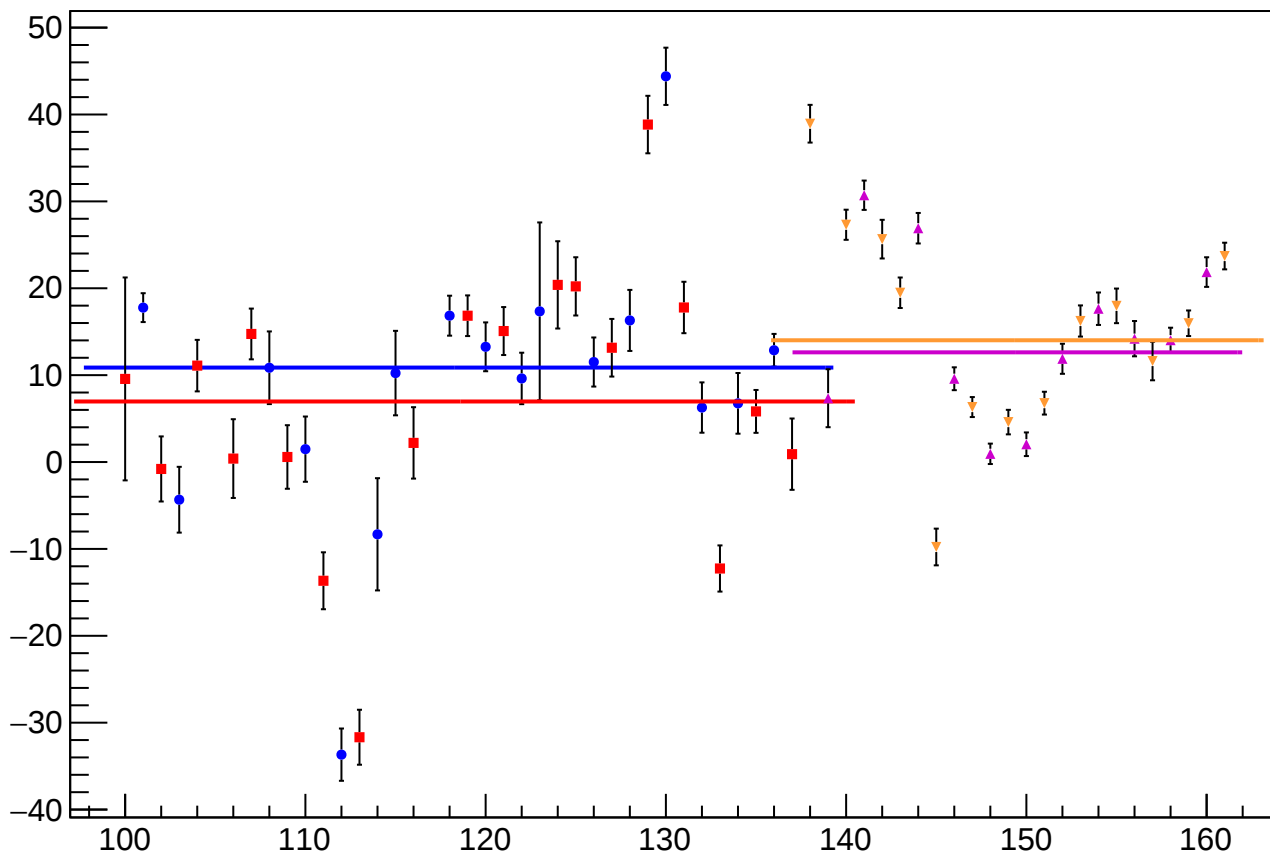
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 136.070 $\pm$ 0.519 χ^2 /NDF: 2869.9/27

Out: 134.905 $\pm$ 0.506 χ^2 /NDF: 3105.5/31

All: 135.472 $\pm$ 0.362 χ^2 /NDF: 5978.0/59

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: 14.014 $\pm$ 0.457 χ^2 /NDF:522.6/12

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 12.625 $\pm$ 0.482 χ^2 /NDF:386.6/10

Left: 13.357 $\pm$ 0.332 χ^2 /NDF: 913.5/23

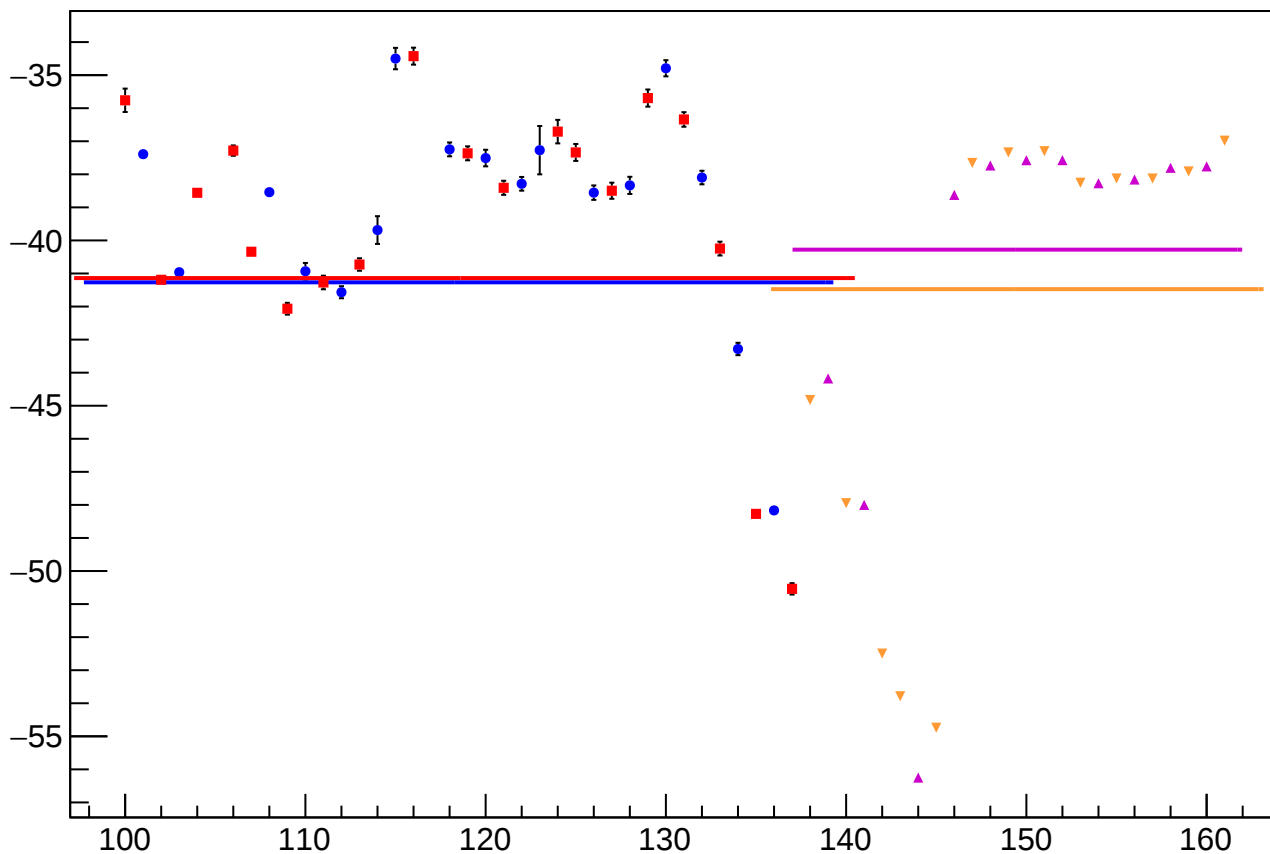
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 12.076 $\pm$ 0.400 χ^2 /NDF:777.4/27

Out: 12.097 $\pm$ 0.390 χ^2 /NDF:1009.5/31

All: 12.087 $\pm$ 0.279 χ^2 /NDF: 1787.0/59

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.474 ± 0.022 $\chi^2/\text{NDF}: 76254.2/12$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -40.279 ± 0.023 $\chi^2/\text{NDF}: 46519.9/10$

Left: -40.893 ± 0.016 $\chi^2/\text{NDF}: 124173.6/23$

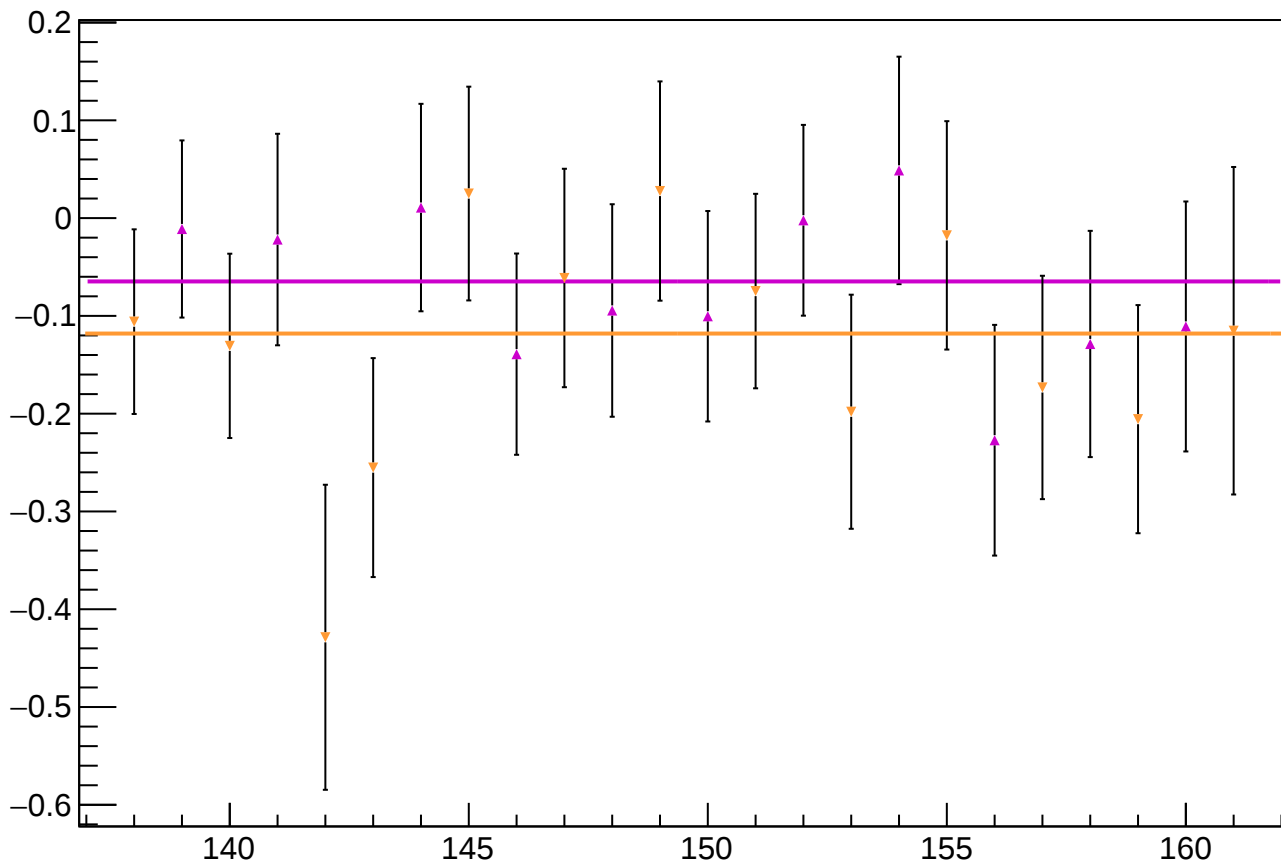
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.537 ± 0.020 $\chi^2/\text{NDF}: 59587.8/27$

Out: -41.390 ± 0.019 $\chi^2/\text{NDF}: 88553.0/31$

All: -40.972 ± 0.014 $\chi^2/\text{NDF}: 149099.3/59$

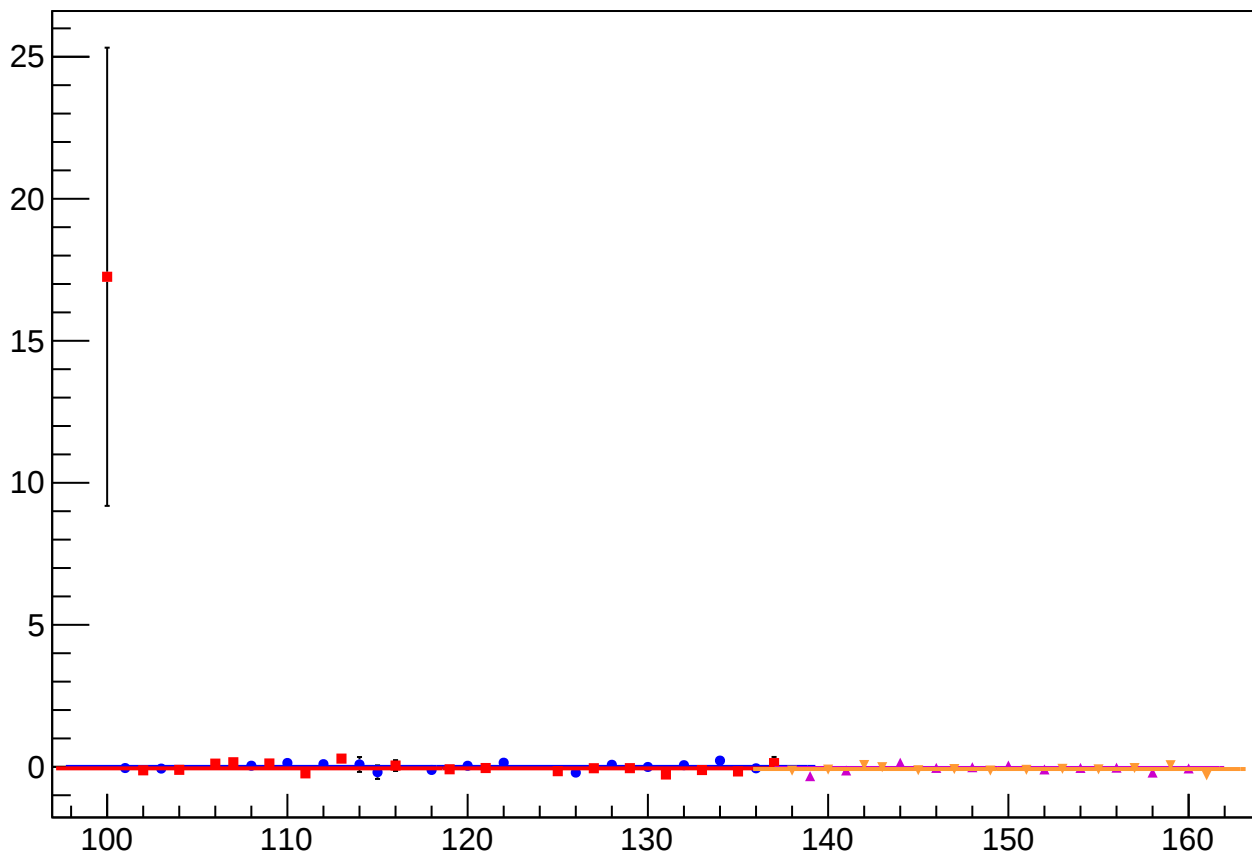
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.118 $\pm$ 0.031 χ^2 /NDF:11.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.065 $\pm$ 0.032 χ^2 /NDF:5.4/10

Left: -0.092 $\pm$ 0.023 χ^2 /NDF: 18.1/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.065 $\pm$ 0.032 χ^2 /NDF:5.4/10
 Out: -0.118 $\pm$ 0.031 χ^2 /NDF:11.3/12
 All: -0.092 $\pm$ 0.023 χ^2 /NDF: 18.1/23

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.077 ± 0.021 χ^2/NDF : 10.6/12

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/10

Left: -0.059 ± 0.016 χ^2/NDF : 28.5/23

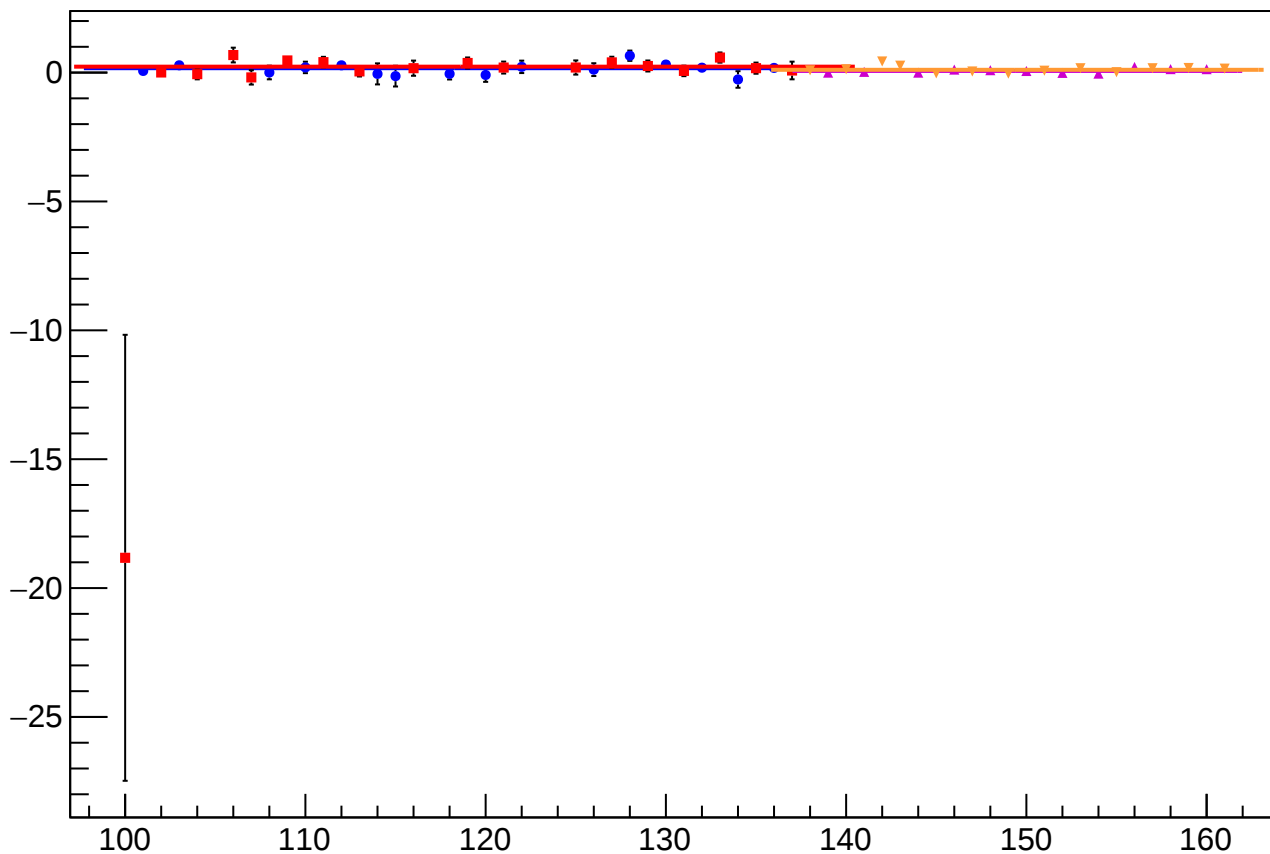
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.025 ± 0.018 χ^2/NDF : 29.7/26

Out: -0.069 ± 0.017 χ^2/NDF : 36.6/30

All: -0.047 ± 0.012 χ^2/NDF : 69.4/57

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.107 $\pm$ 0.031 χ^2 /NDF:11.5/12

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.064 $\pm$ 0.032 χ^2 /NDF:5.6/10

Left: 0.086 $\pm$ 0.022 χ^2 /NDF: 18.1/23

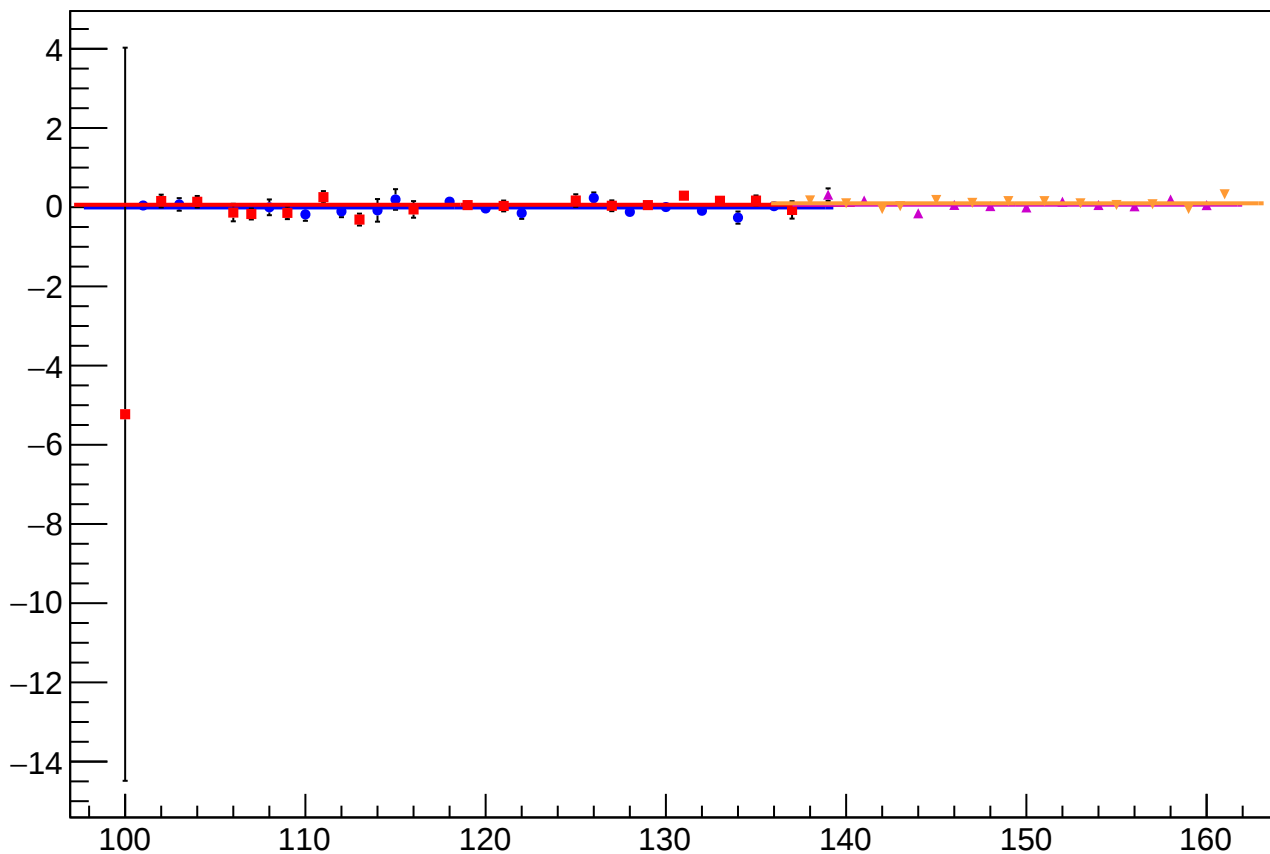
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.092 $\pm$ 0.027 χ^2 /NDF:21.6/26

Out: 0.137 $\pm$ 0.027 χ^2 /NDF:37.0/30

All: 0.115 $\pm$ 0.019 χ^2 /NDF: 60.1/57

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.026 χ^2/NDF : 10.5/12

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.063 ± 0.027 χ^2/NDF : 14.0/10

Left: 0.081 ± 0.019 χ^2/NDF : 25.4/23

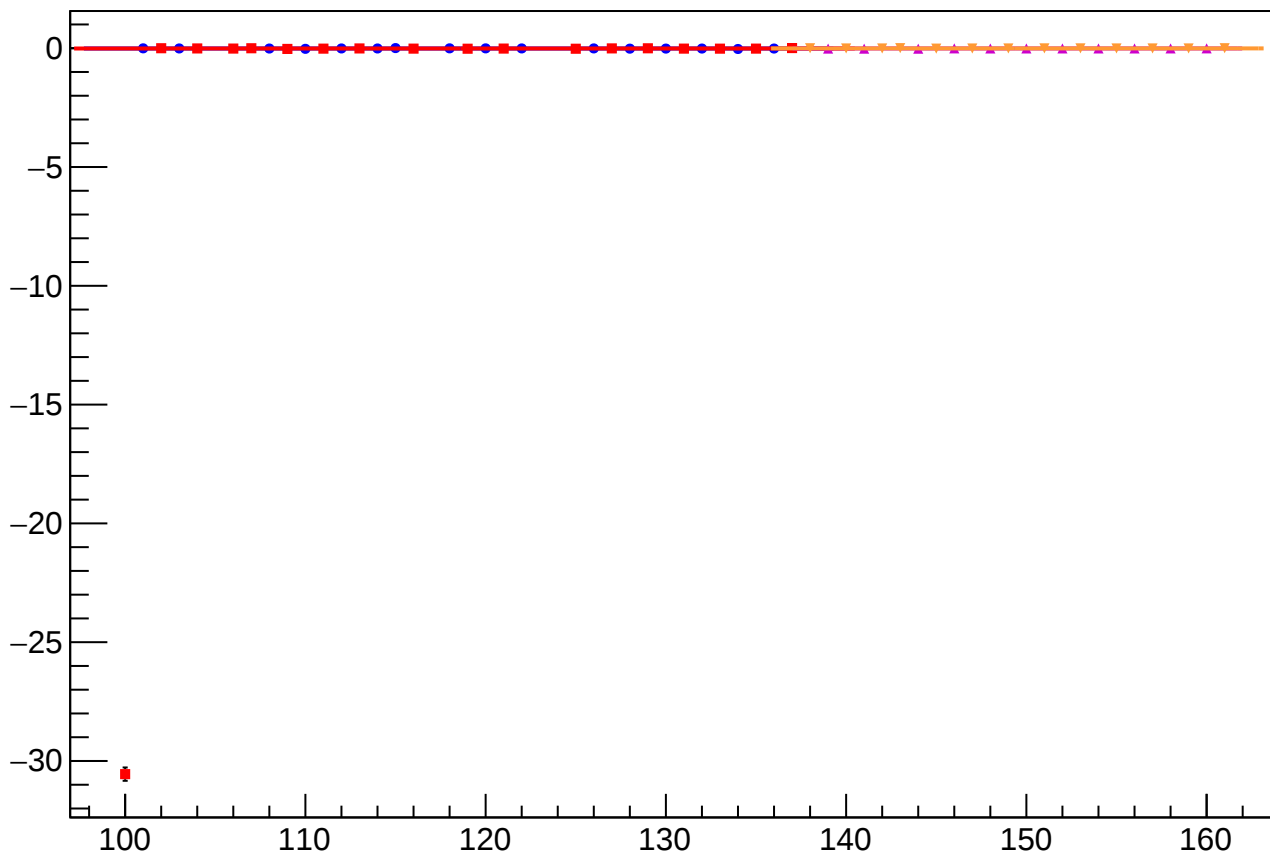
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.035 ± 0.021 χ^2/NDF : 30.0/26

Out: 0.085 ± 0.020 χ^2/NDF : 31.6/30

All: 0.060 ± 0.015 χ^2/NDF : 64.5/57

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:15.2/12

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:11.2/10

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 29.5/23

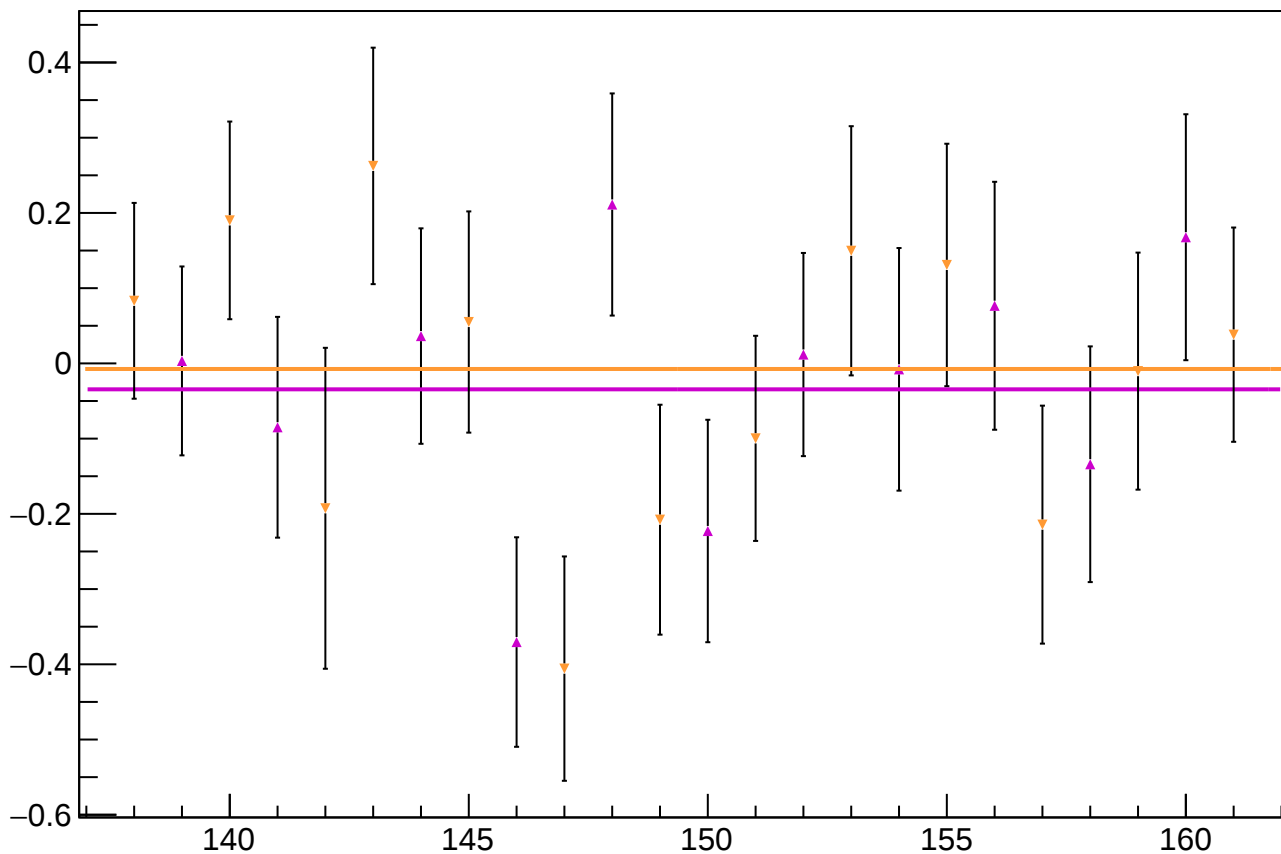
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:24.2/26

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11909.5/30

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11935.9/57

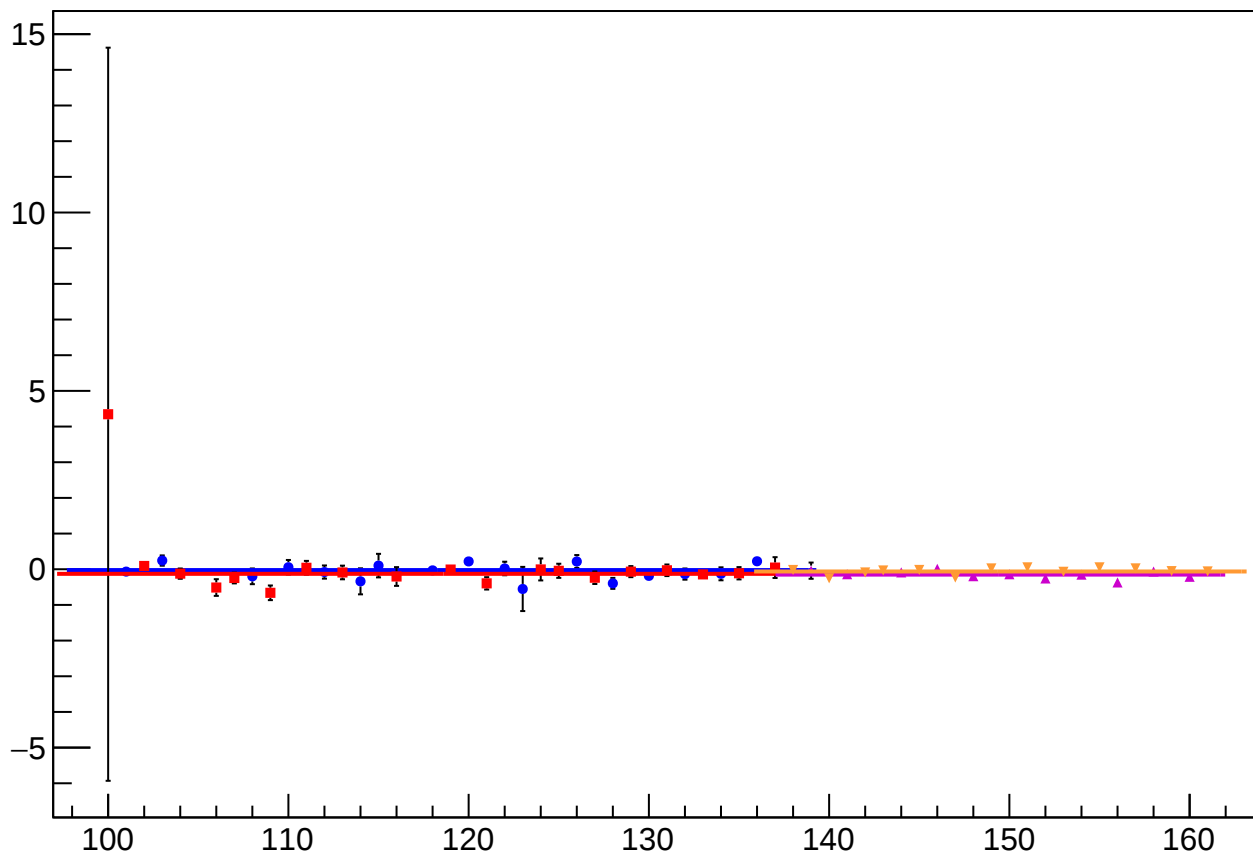
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10

Left: -0.020 $\pm$ 0.030 χ^2 /NDF: 32.8/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10
 Out: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12
 All: -0.020 $\pm$ 0.030 χ^2 /NDF: 32.8/23

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.063 ± 0.029 $\chi^2/\text{NDF}: 13.8/12$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.150 ± 0.031 $\chi^2/\text{NDF}: 10.7/10$

Left: -0.103 ± 0.021 $\chi^2/\text{NDF}: 28.9/23$

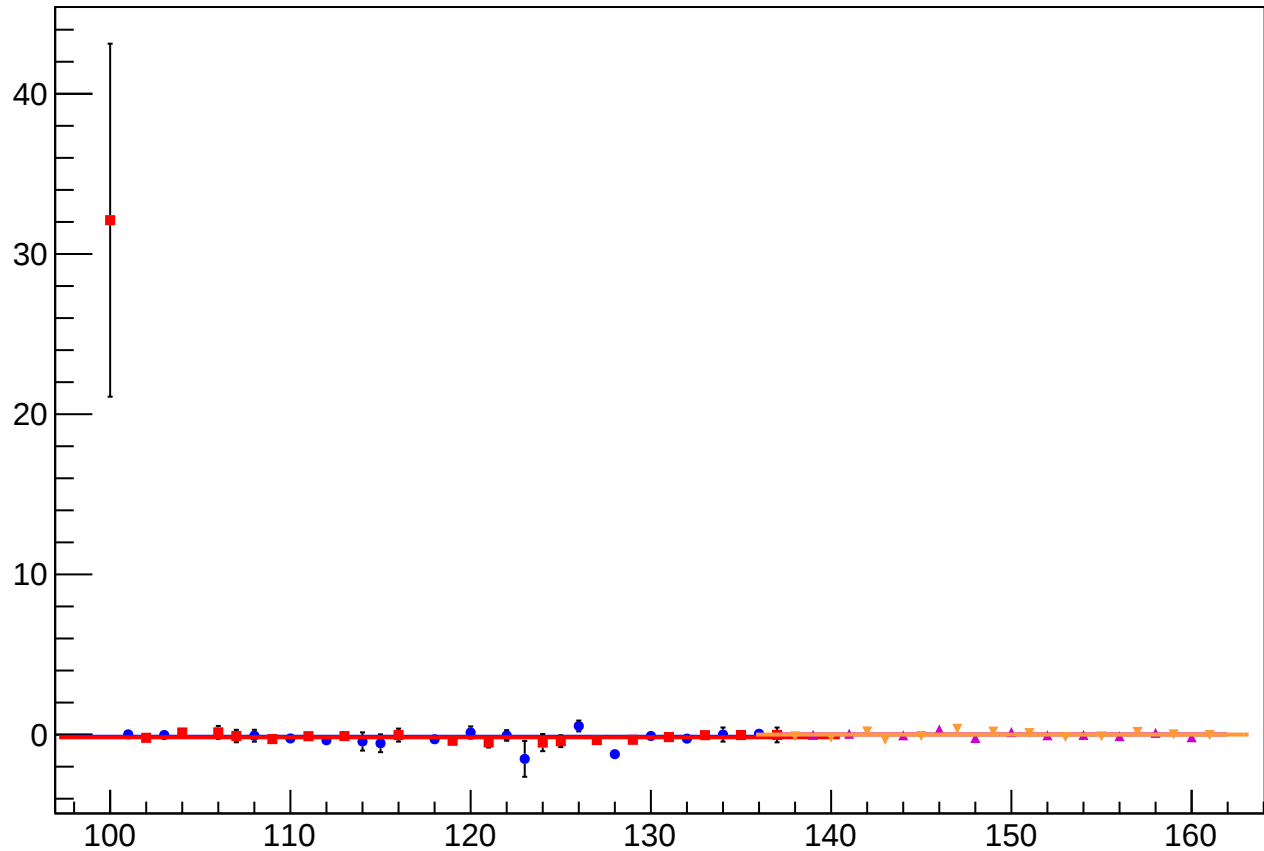
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.098 ± 0.023 $\chi^2/\text{NDF}: 40.2/27$

Out: -0.085 ± 0.023 $\chi^2/\text{NDF}: 34.5/31$

All: -0.092 ± 0.016 $\chi^2/\text{NDF}: 74.8/59$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.003 ± 0.041 χ^2/NDF : 19.2/12

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.012 ± 0.043 χ^2/NDF : 11.8/10

Left: 0.007 ± 0.030 χ^2/NDF : 31.0/23

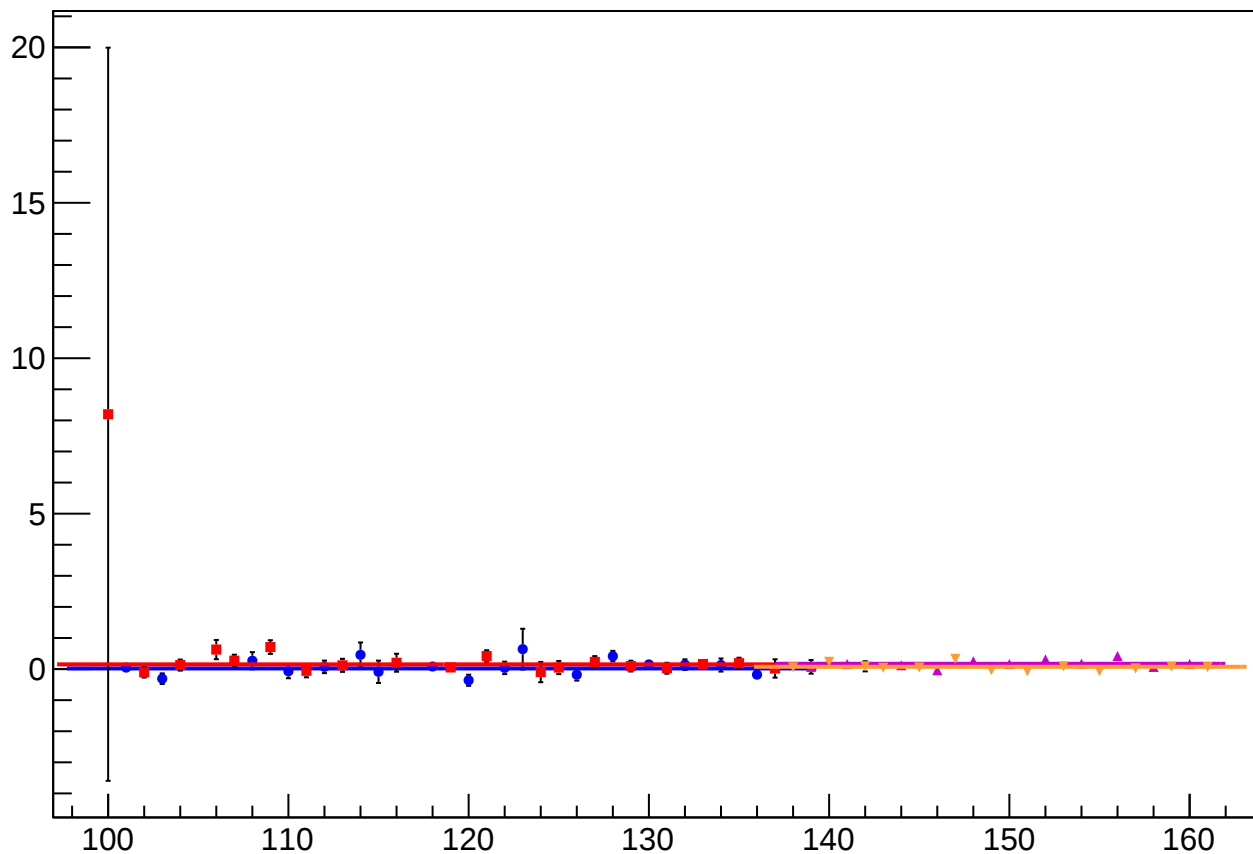
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.031 ± 0.036 χ^2/NDF : 40.9/27

Out: -0.040 ± 0.036 χ^2/NDF : 38.1/31

All: -0.035 ± 0.025 χ^2/NDF : 79.0/59

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.073 $\pm$ 0.034 χ^2 /NDF:12.7/12

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.171 $\pm$ 0.036 χ^2 /NDF:10.9/10

Left: 0.119 $\pm$ 0.025 χ^2 /NDF: 27.4/23

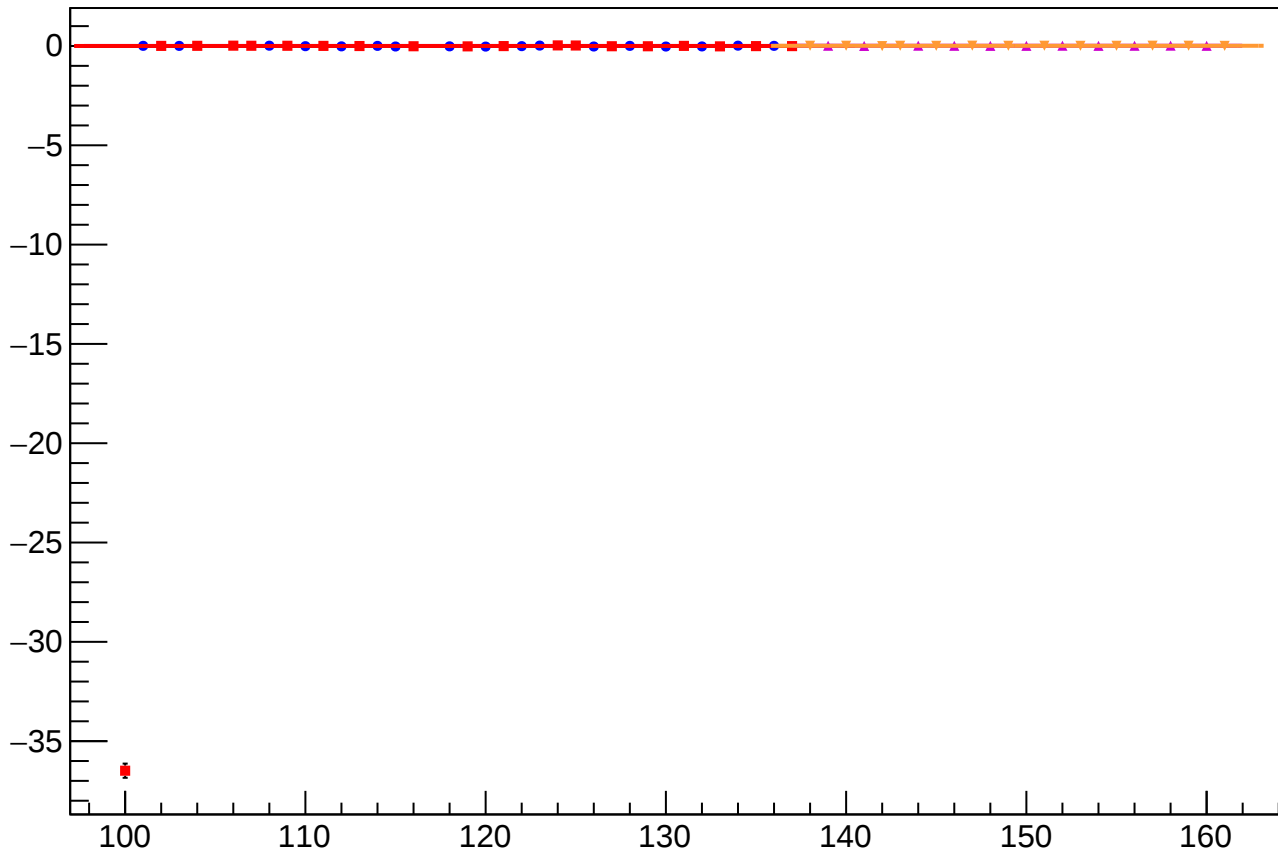
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.107 $\pm$ 0.028 χ^2 /NDF:40.0/27

Out: 0.102 $\pm$ 0.027 χ^2 /NDF:31.9/31

All: 0.104 $\pm$ 0.019 χ^2 /NDF: 71.9/59

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.4/12

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.9/10

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 11.5/23

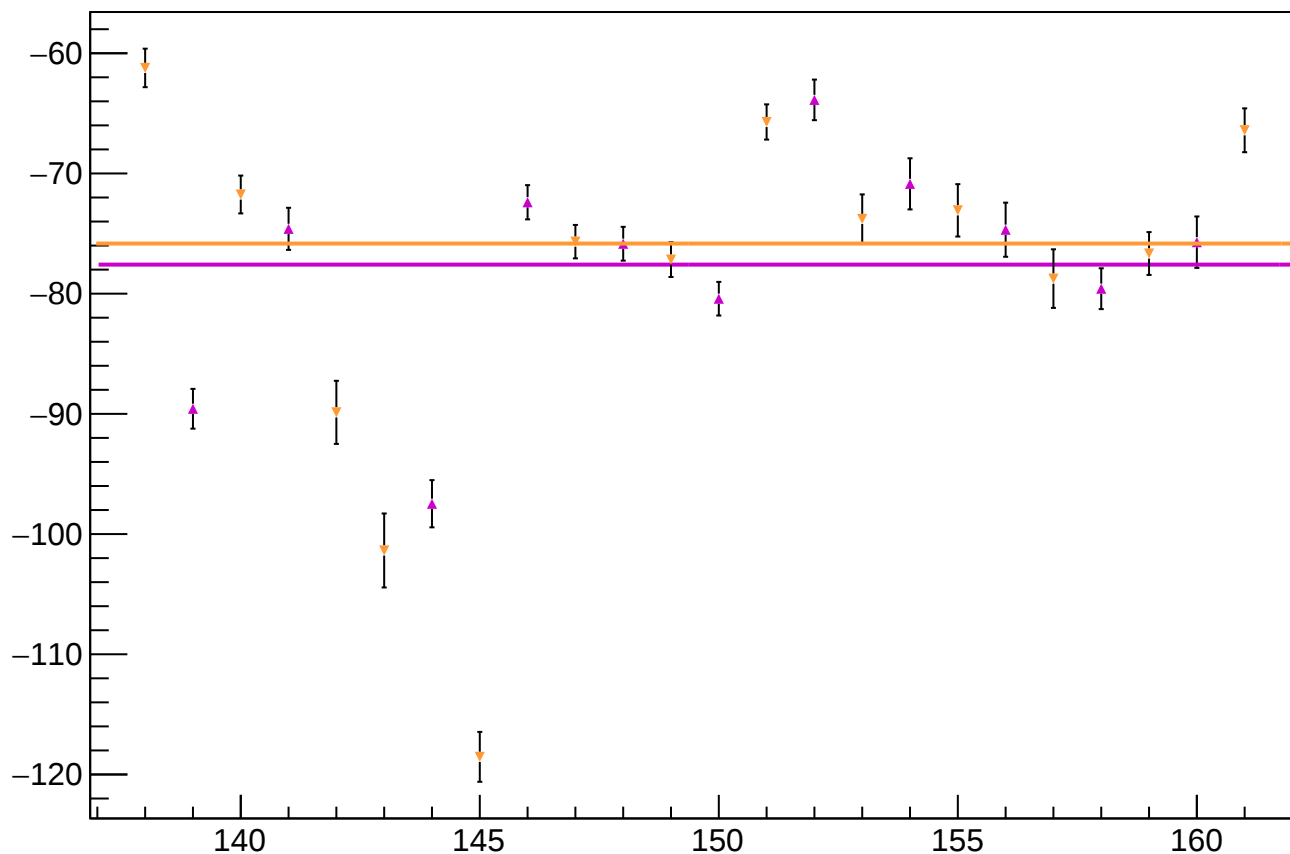
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/27

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.7/31

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10518.0/59

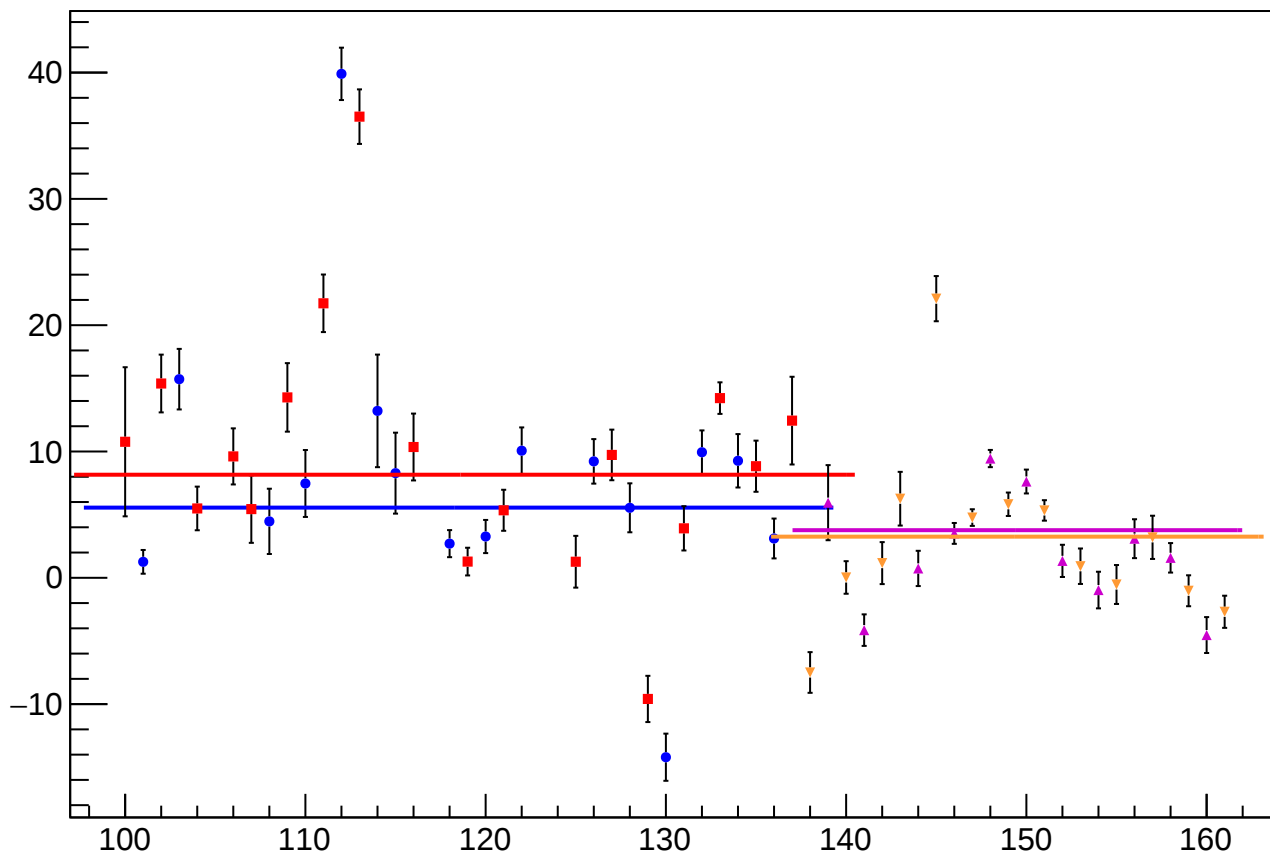
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.831+/-0.502 χ^2/NDF : 690.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.583+/-0.513 χ^2/NDF : 256.6/10

Left: -76.687+/-0.359 χ^2/NDF : 952.7/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.583+/-0.513 χ^2/NDF : 256.6/10
 Out: -75.831+/-0.502 χ^2/NDF : 690.1/12
 All: -76.687+/-0.359 χ^2/NDF : 952.7/23

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 3.259 ± 0.326 $\chi^2/\text{NDF}: 227.8/12$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 3.771 ± 0.338 $\chi^2/\text{NDF}: 183.4/10$

Left: 3.505 ± 0.235 $\chi^2/\text{NDF}: 412.4/23$

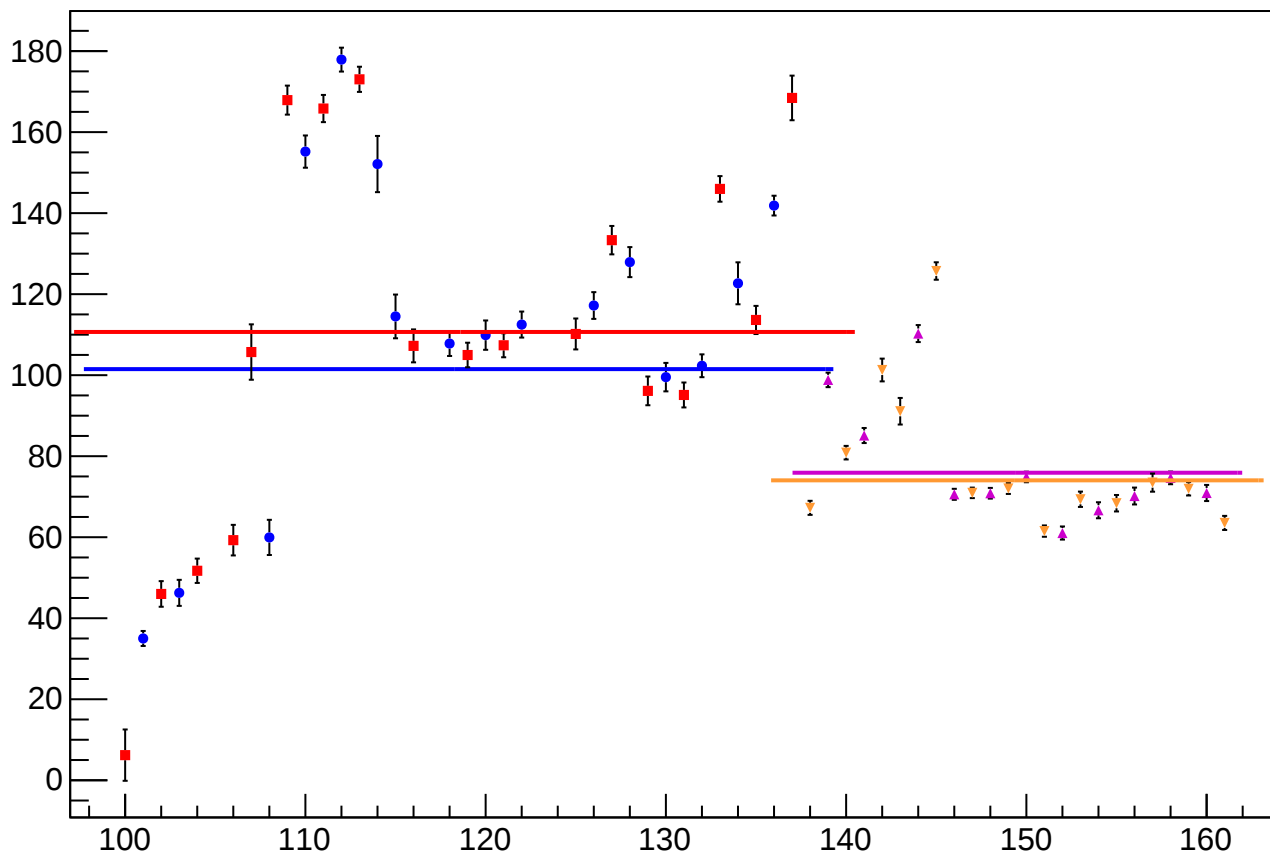
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.465 ± 0.264 $\chi^2/\text{NDF}: 656.3/26$

Out: 4.930 ± 0.264 $\chi^2/\text{NDF}: 712.0/30$

All: 4.697 ± 0.187 $\chi^2/\text{NDF}: 1369.8/57$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 ± 0.808 χ^2/NDF : 2973.0/15

Left Out: 74.038 ± 0.489 χ^2/NDF : 868.3/12

Right Out: 110.670 ± 0.836 χ^2/NDF : 2513.7/17

Left In: 75.920 ± 0.497 χ^2/NDF : 607.3/10

Left: 74.964 ± 0.348 χ^2/NDF : 1483.0/23

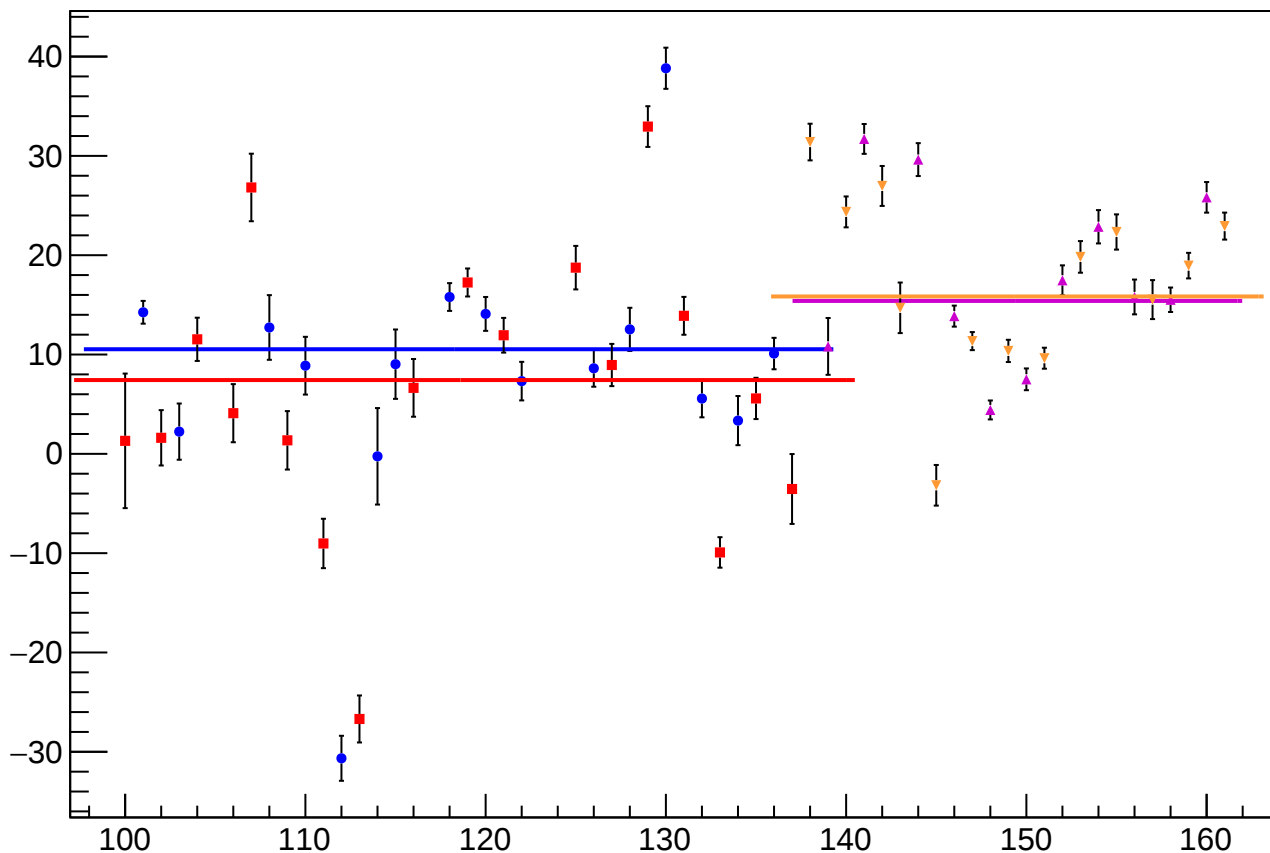
Right: 105.929 ± 0.581 χ^2/NDF : 5549.0/33

In: 82.930 ± 0.423 χ^2/NDF : 4307.2/26

Out: 83.365 ± 0.422 χ^2/NDF : 4813.7/30

All: 83.148 ± 0.299 χ^2/NDF : 9121.5/57

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: 15.846 $\pm$ 0.396 χ^2 /NDF: 353.9/12

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 15.396 $\pm$ 0.410 χ^2 /NDF: 448.2/10

Left: 15.629 $\pm$ 0.285 χ^2 /NDF: 802.7/23

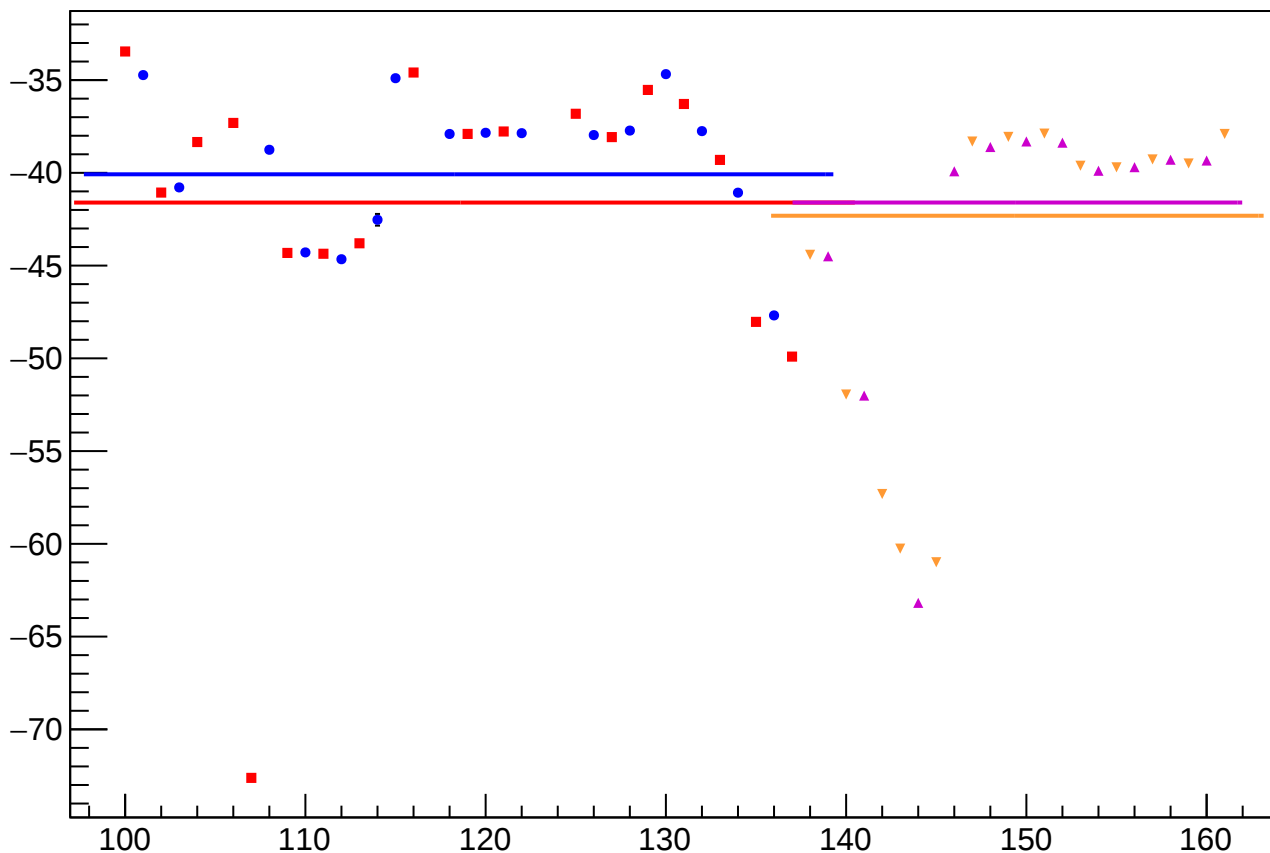
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 13.409 $\pm$ 0.315 χ^2 /NDF: 1086.2/26

Out: 12.780 $\pm$ 0.316 χ^2 /NDF: 1204.0/30

All: 13.095 $\pm$ 0.223 χ^2 /NDF: 2292.2/57

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: -42.313 ± 0.020 χ^2/NDF : 128591.3/12

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -41.601 ± 0.020 χ^2/NDF : 89649.0/10

Left: -41.958 ± 0.014 χ^2/NDF : 218901.4/23

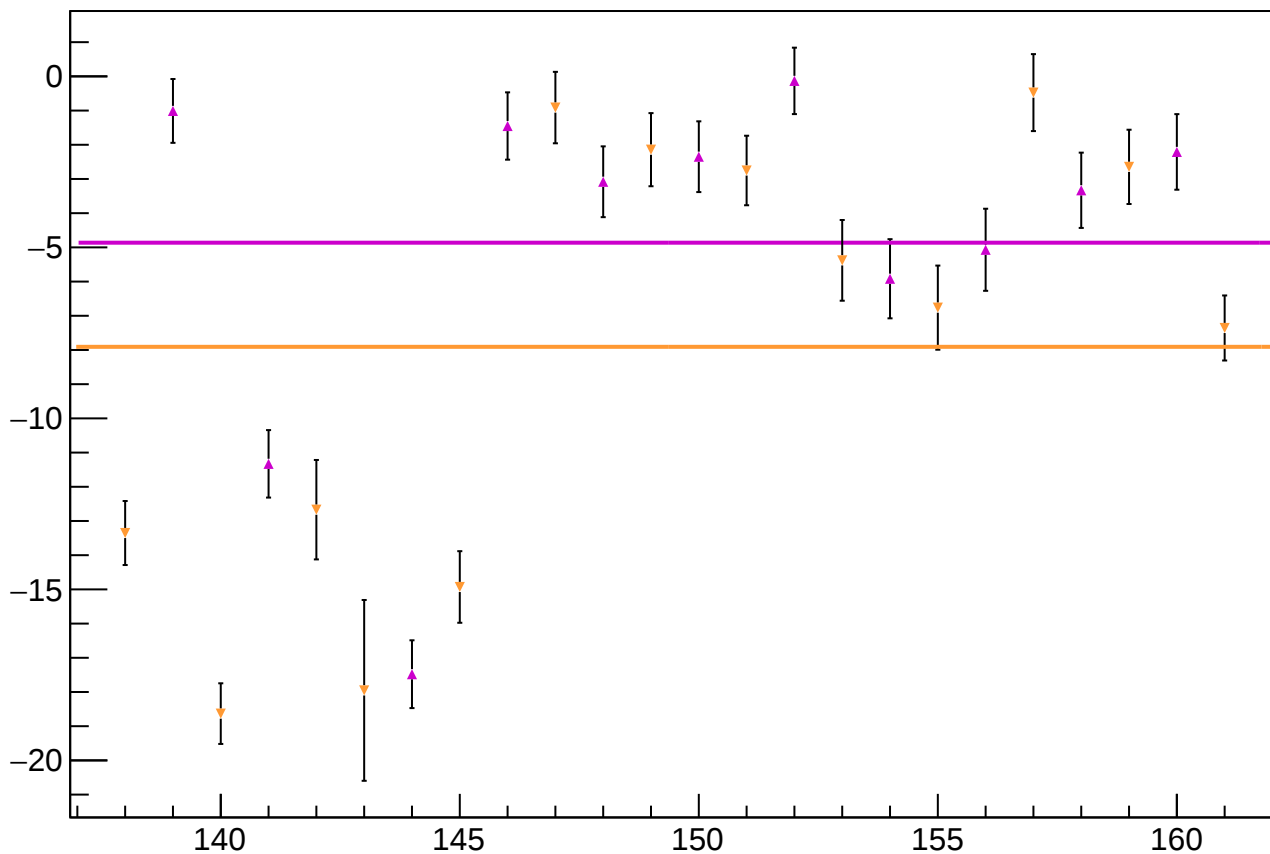
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.105 ± 0.016 χ^2/NDF : 116756.8/26

Out: -42.086 ± 0.016 χ^2/NDF : 190868.7/30

All: -41.595 ± 0.011 χ^2/NDF : 309479.3/57

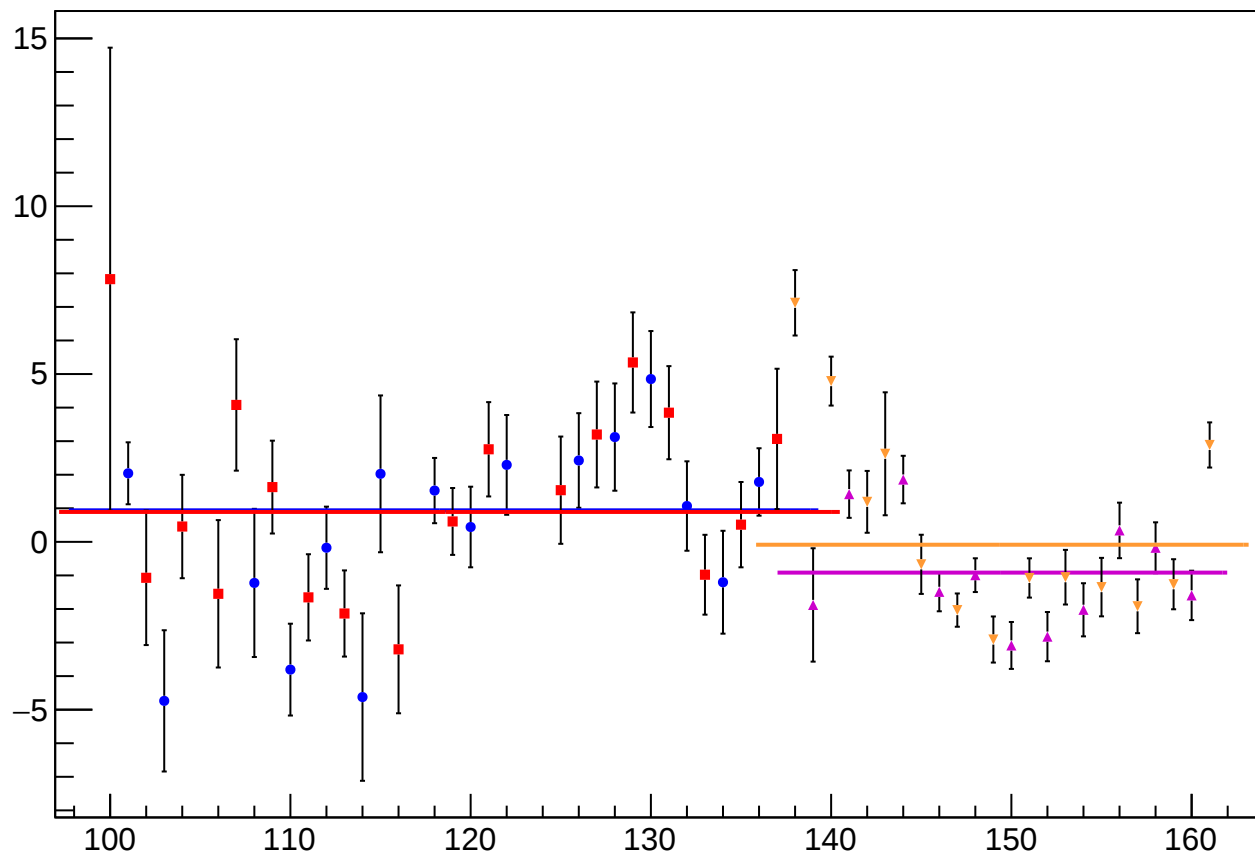
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.908+/-0.304 χ^2/NDF :422.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.863+/-0.312 χ^2/NDF :275.2/10

Left: -6.428+/-0.218 χ^2/NDF : 746.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.863+/-0.312 χ^2/NDF :275.2/10
 Out: -7.908+/-0.304 χ^2/NDF :422.9/12
 All: -6.428+/-0.218 χ^2/NDF : 746.9/23

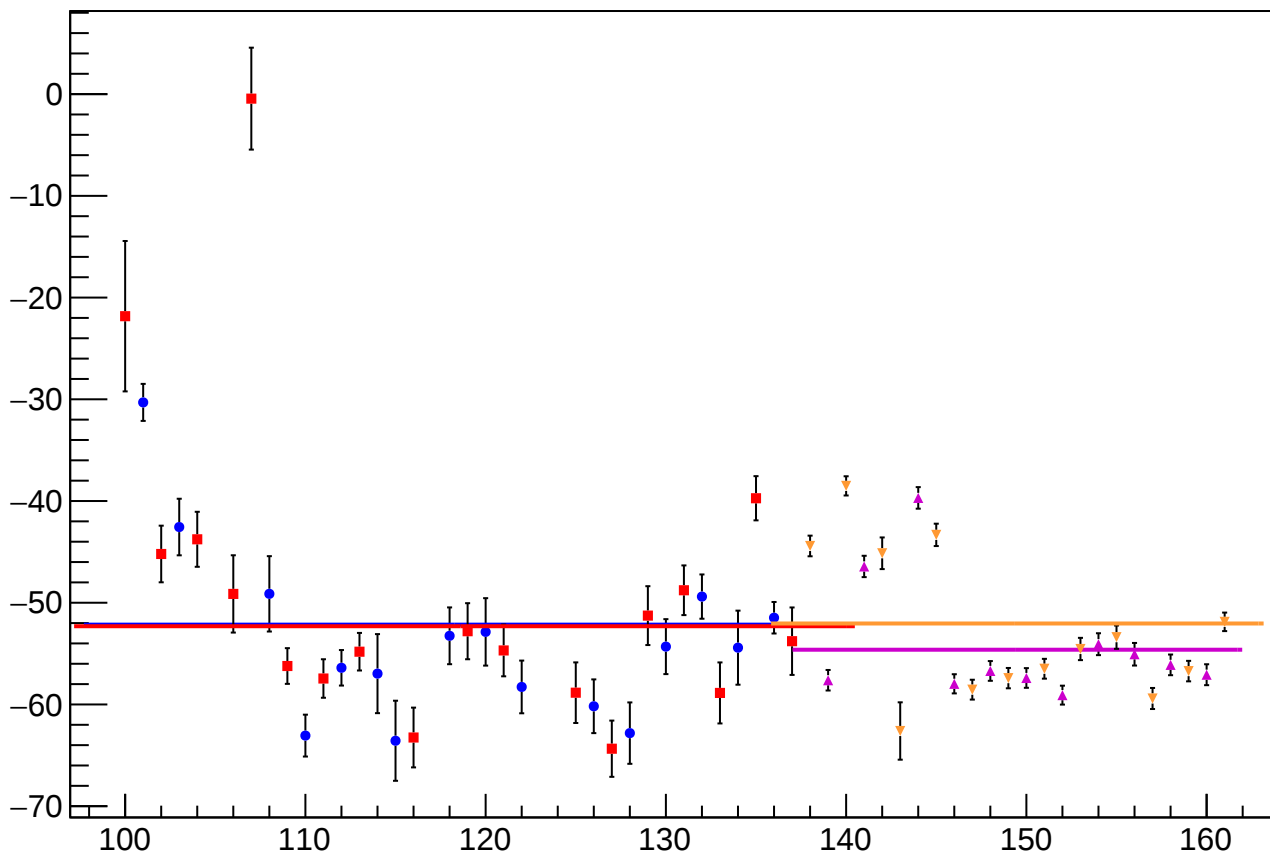
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: -0.086 ± 0.208 $\chi^2/\text{NDF}: 170.0/12$
 Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$
 Left In: -0.917 ± 0.214 $\chi^2/\text{NDF}: 50.1/10$

Left: -0.488 ± 0.149 $\chi^2/\text{NDF}: 227.8/23$
 Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$
 In: -0.387 ± 0.181 $\chi^2/\text{NDF}: 113.8/26$
 Out: 0.165 ± 0.179 $\chi^2/\text{NDF}: 217.2/30$
 All: -0.108 ± 0.127 $\chi^2/\text{NDF}: 335.7/57$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -52.040 ± 0.298 χ^2/NDF : 531.3/12

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.619 ± 0.305 χ^2/NDF : 324.8/10

Left: -53.300 ± 0.213 χ^2/NDF : 892.8/23

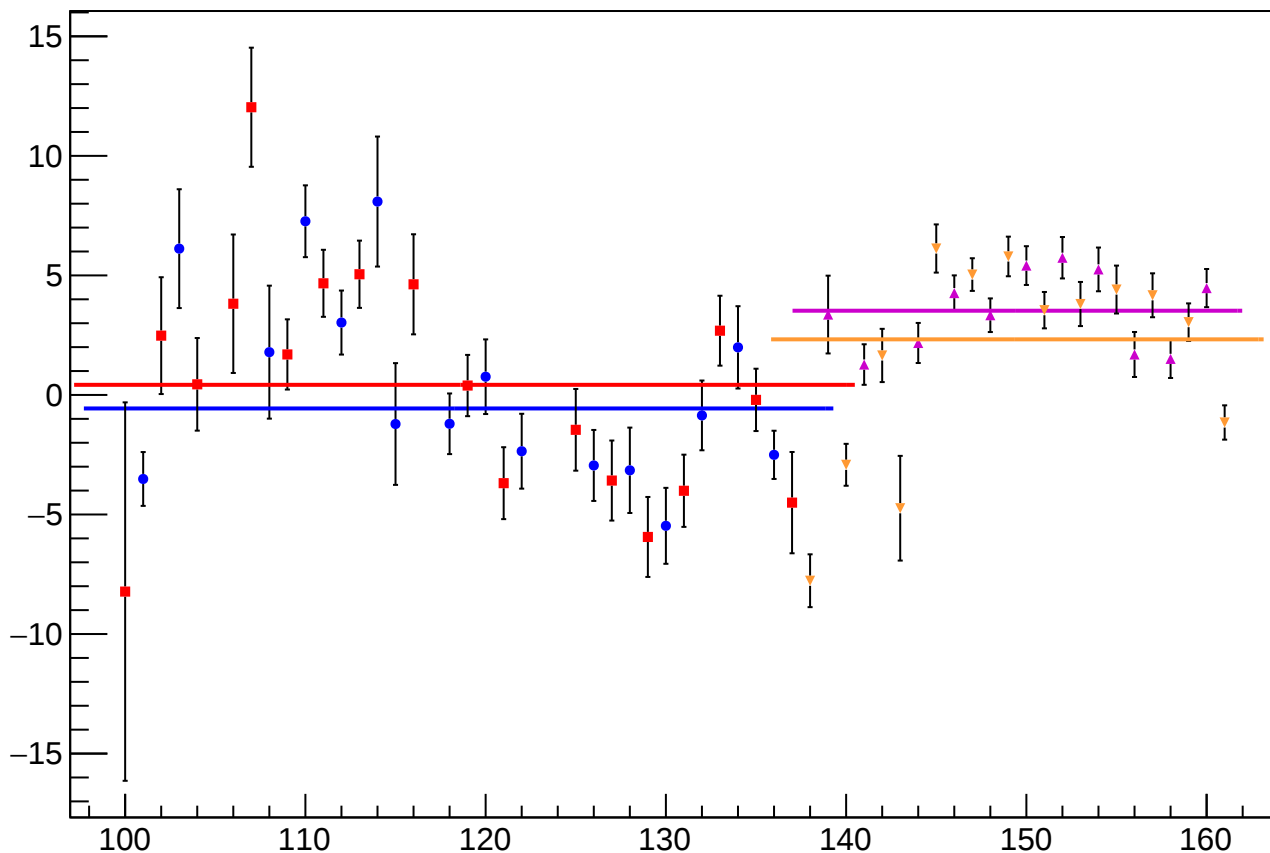
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -54.131 ± 0.273 χ^2/NDF : 568.8/26

Out: -52.091 ± 0.268 χ^2/NDF : 766.3/30

All: -53.093 ± 0.191 χ^2/NDF : 1363.6/57

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.326 ± 0.247 χ^2/NDF : 215.4/12

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.523 ± 0.255 χ^2/NDF : 37.8/10

Left: 2.905 ± 0.178 χ^2/NDF : 264.5/23

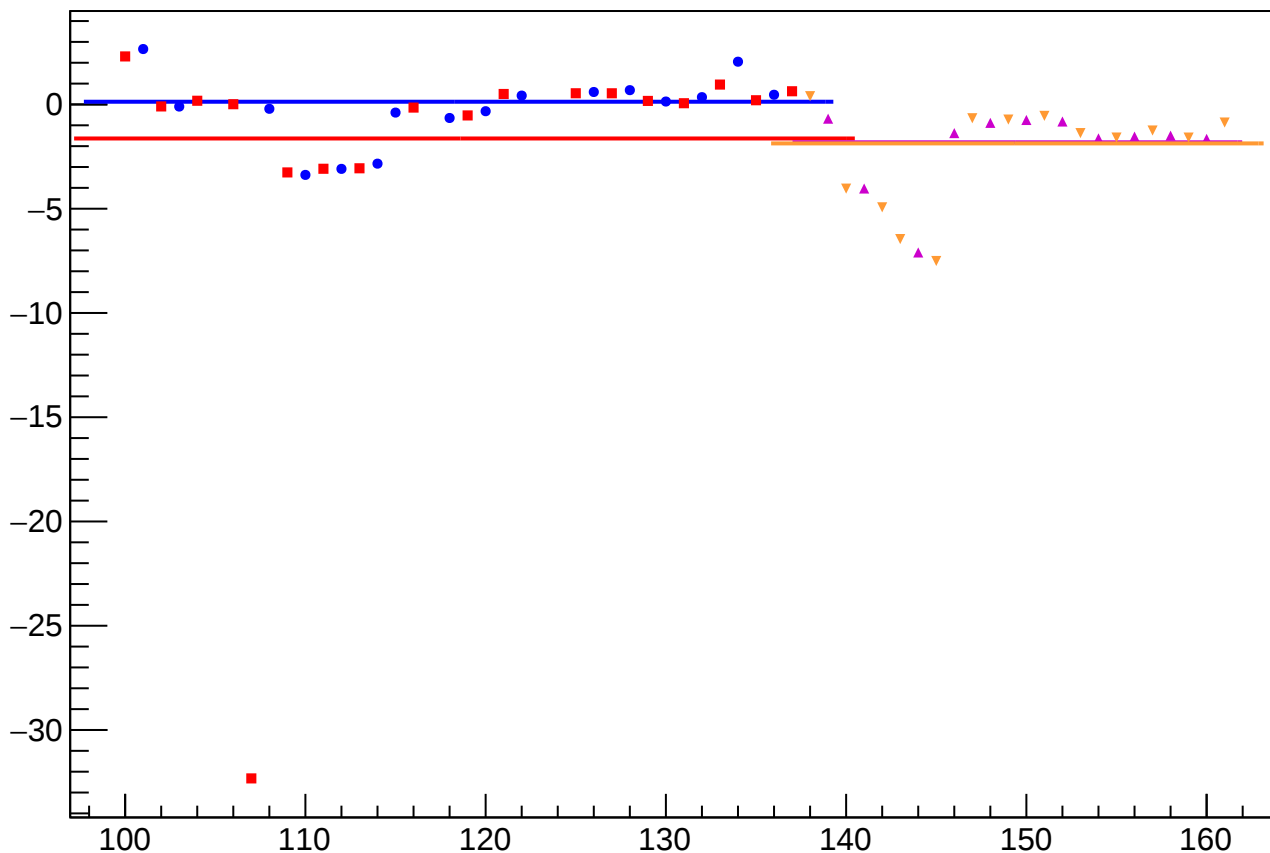
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.272 ± 0.213 χ^2/NDF : 198.1/26

Out: 1.799 ± 0.210 χ^2/NDF : 327.1/30

All: 2.033 ± 0.149 χ^2/NDF : 527.7/57

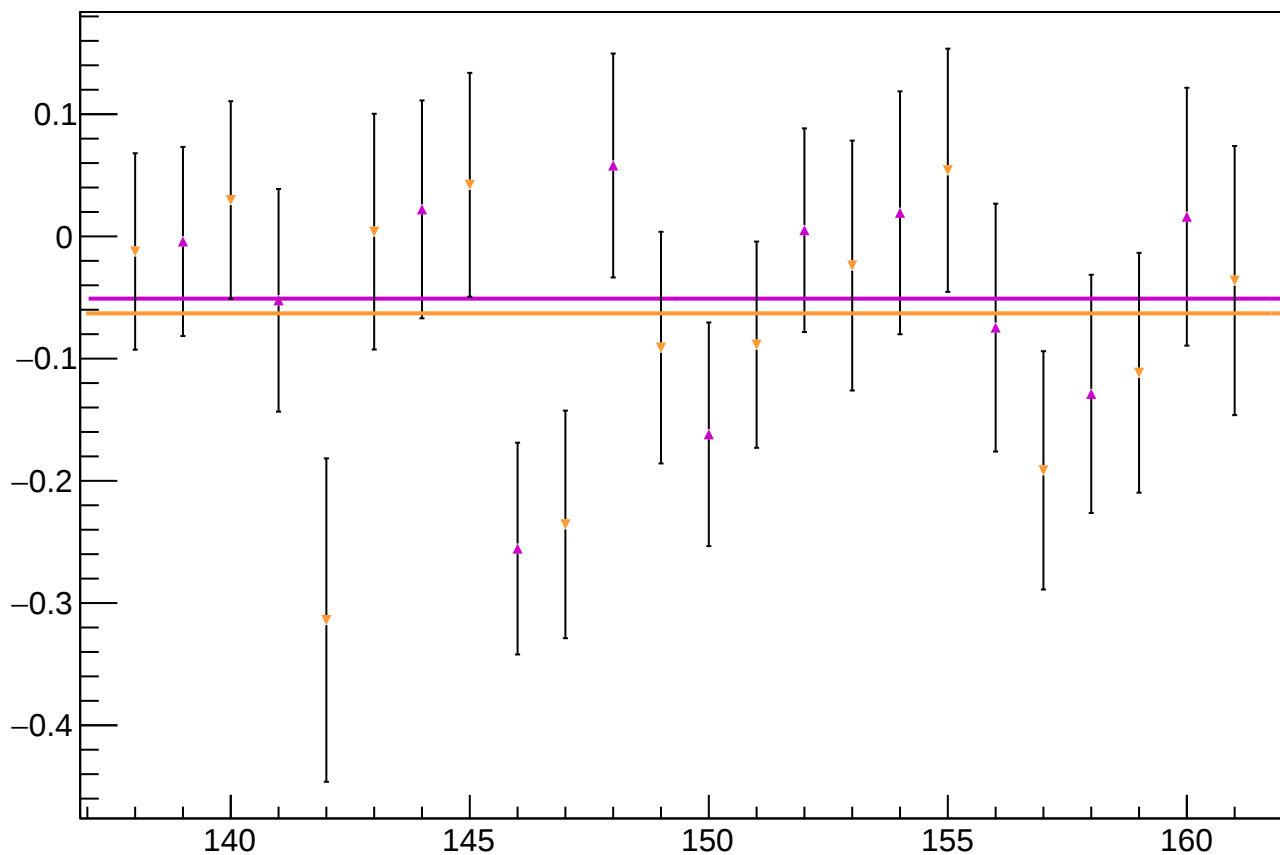
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.868 ± 0.012 $\chi^2/\text{NDF}: 30965.4/12$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.815 ± 0.012 $\chi^2/\text{NDF}: 18937.3/10$

Left: -1.842 ± 0.008 $\chi^2/\text{NDF}: 49913.0/23$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.363 ± 0.010 $\chi^2/\text{NDF}: 30445.7/26$
 Out: -1.816 ± 0.010 $\chi^2/\text{NDF}: 108931.3/30$
 All: -1.592 ± 0.007 $\chi^2/\text{NDF}: 140342.2/57$

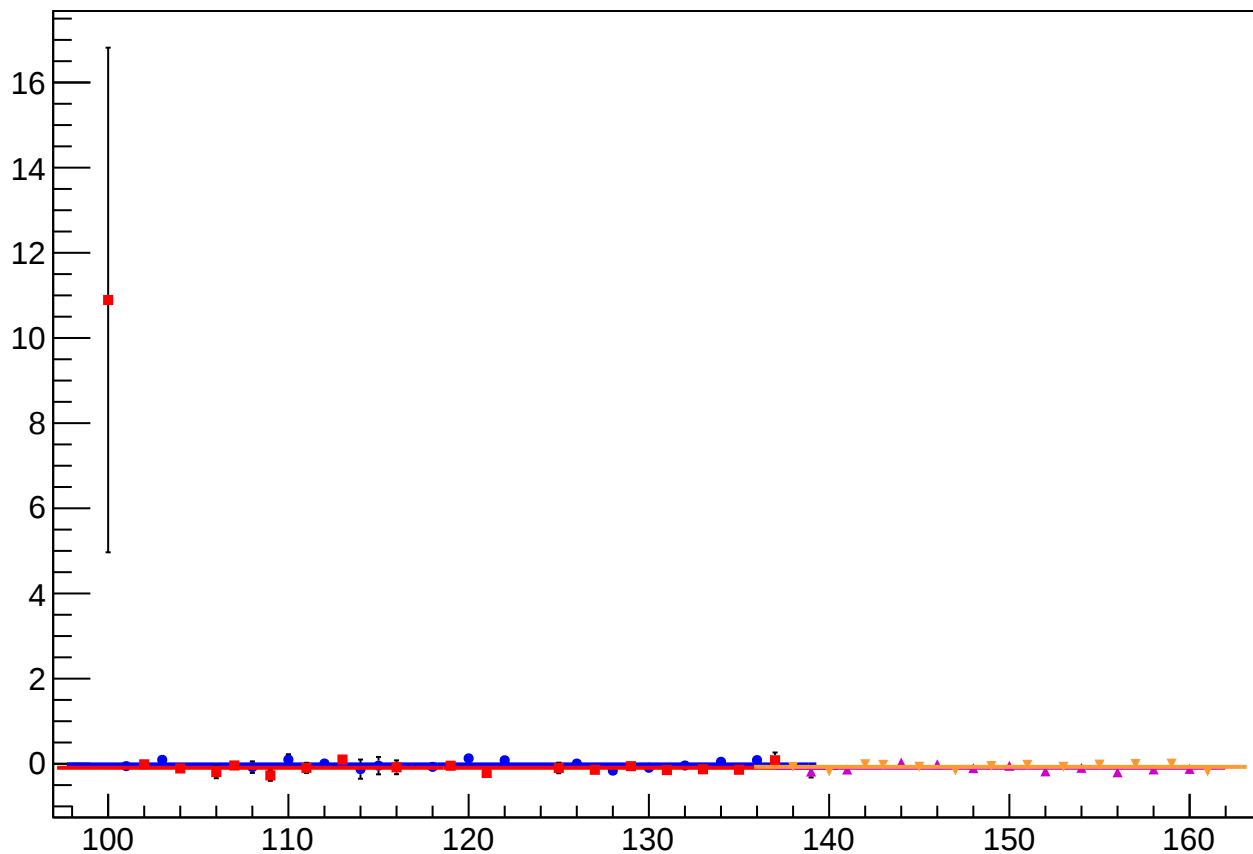
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10

Left: -0.057 $\pm$ 0.019 χ^2 /NDF: 25.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10
 Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 All: -0.057 $\pm$ 0.019 χ^2 /NDF: 25.9/23

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: -0.072 ± 0.018 χ^2/NDF : 12.6/12

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.094 ± 0.019 χ^2/NDF : 12.1/10

Left: -0.082 ± 0.013 χ^2/NDF : 25.4/23

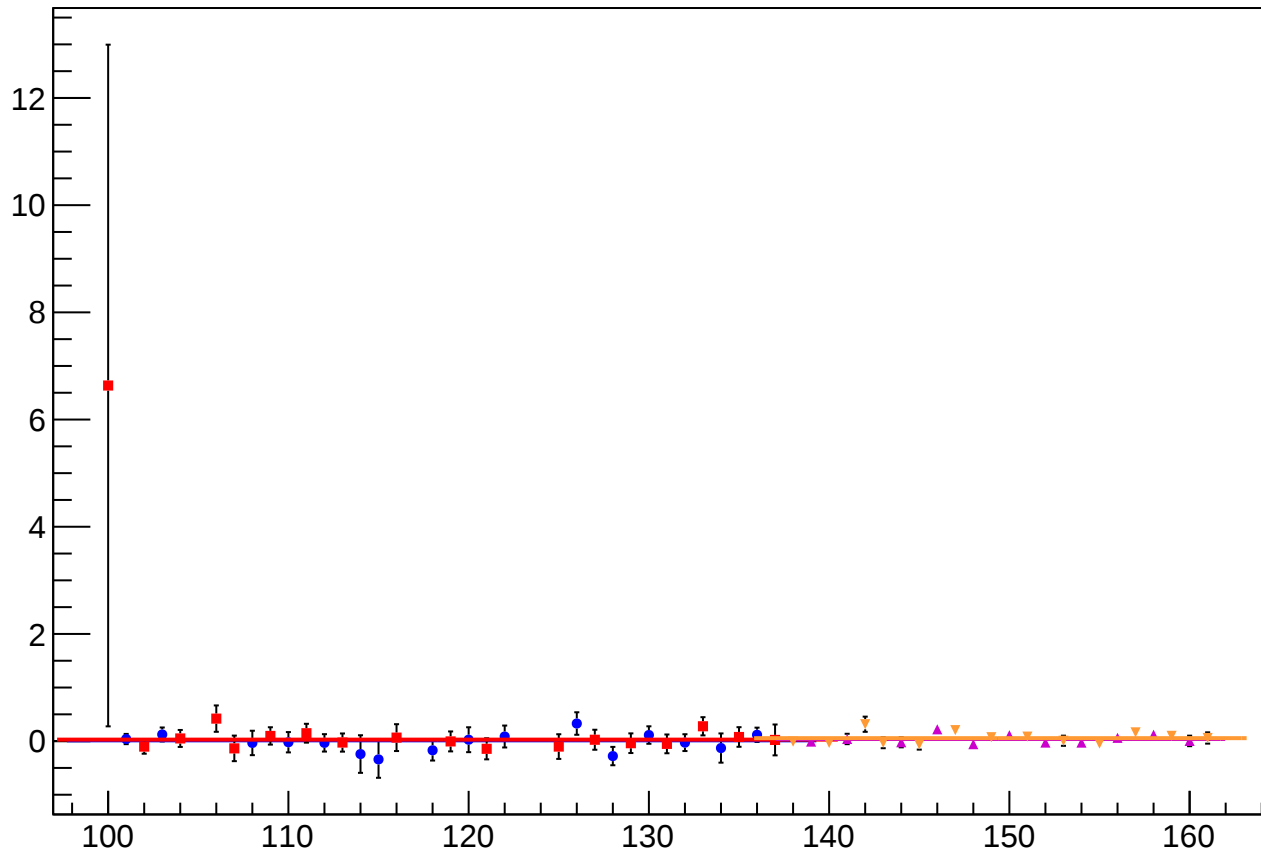
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.062 ± 0.015 χ^2/NDF : 31.6/26

Out: -0.079 ± 0.015 χ^2/NDF : 26.6/30

All: -0.071 ± 0.010 χ^2/NDF : 58.9/57

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.055 $\pm$ 0.026 χ^2 /NDF:13.4/12

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.040 $\pm$ 0.027 χ^2 /NDF:9.6/10

Left: 0.048 $\pm$ 0.019 χ^2 /NDF: 23.2/23

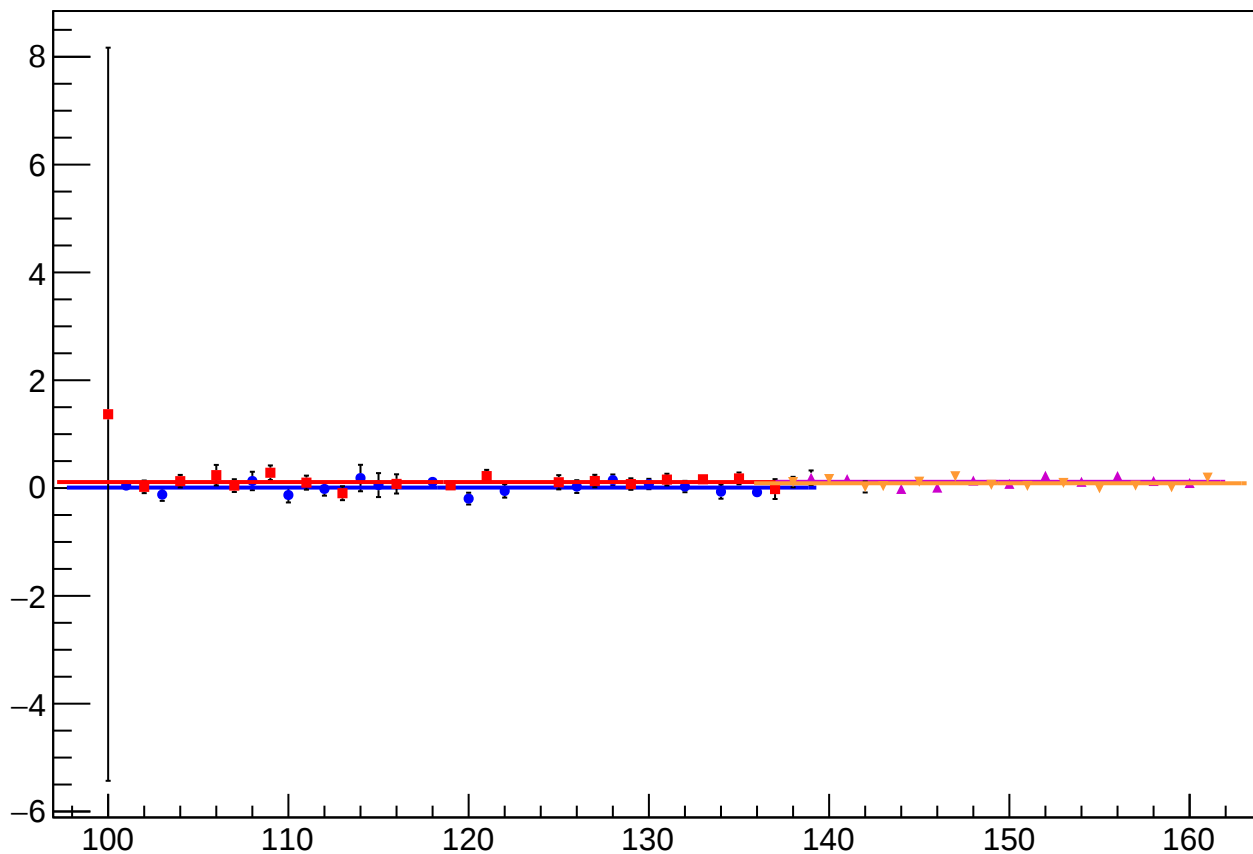
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.033 $\pm$ 0.023 χ^2 /NDF:20.0/26

Out: 0.049 $\pm$ 0.022 χ^2 /NDF:23.2/30

All: 0.041 $\pm$ 0.016 χ^2 /NDF: 43.4/57

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009±/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.089±/-0.022 χ^2/NDF : 11.6/12

Right Out: 0.111±/-0.029 χ^2/NDF : 8.6/17

Left In: 0.116±/-0.023 χ^2/NDF : 11.0/10

Left: 0.101±/-0.016 χ^2/NDF : 23.4/23

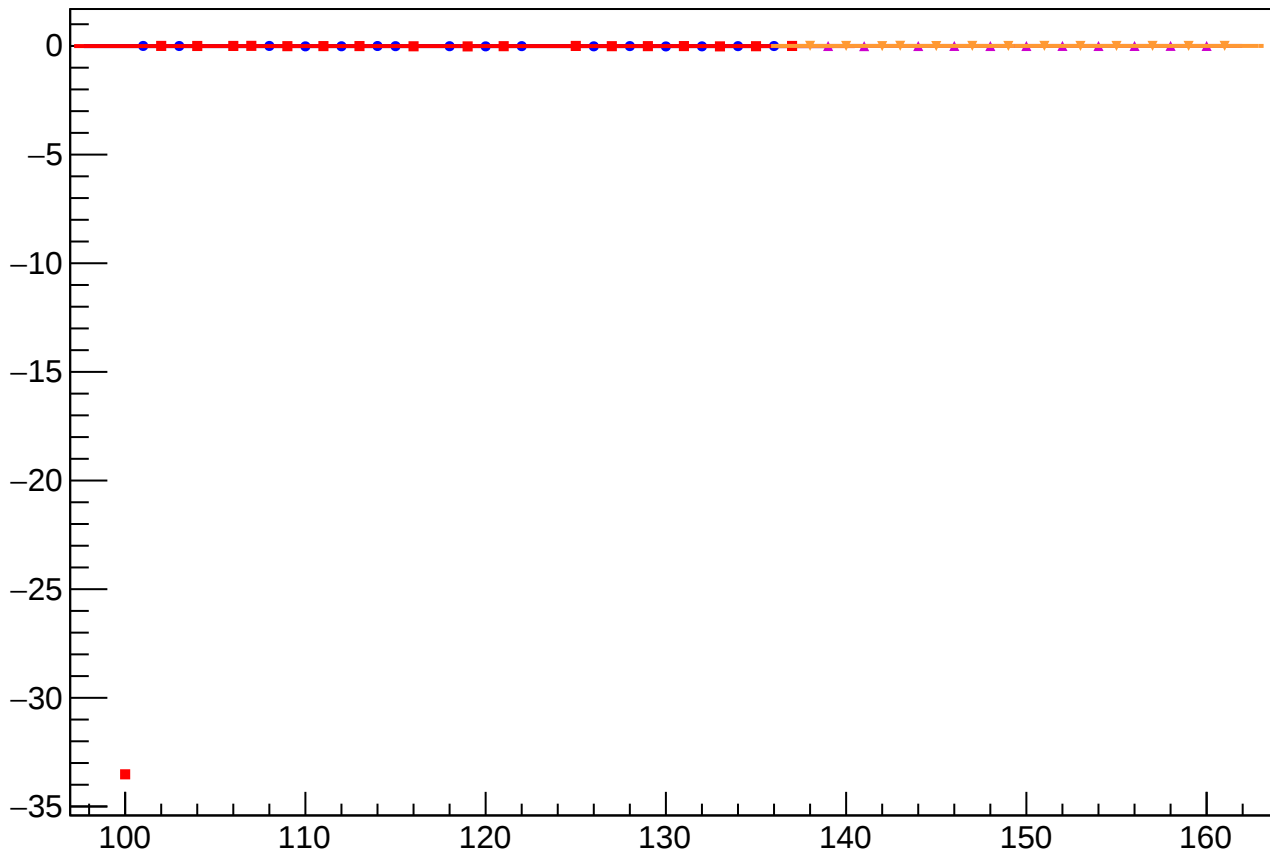
Right: 0.057±/-0.020 χ^2/NDF : 28.0/33

In: 0.071±/-0.017 χ^2/NDF : 32.8/26

Out: 0.097±/-0.017 χ^2/NDF : 20.7/30

All: 0.084±/-0.012 χ^2/NDF : 54.6/57

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: 0.002 ± 0.001 χ^2/NDF : 9.2/12

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/10

Left: 0.001 ± 0.001 χ^2/NDF : 17.5/23

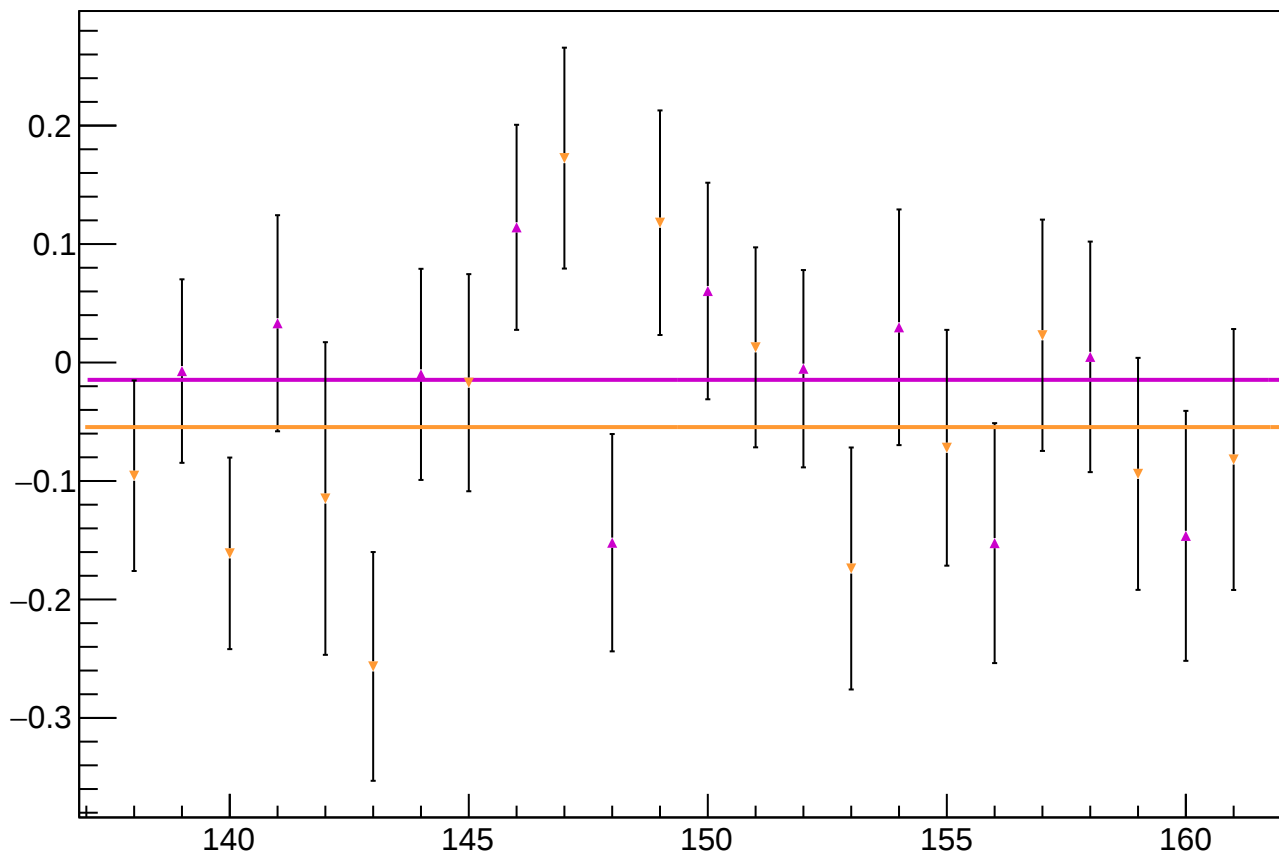
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 39.8/26

Out: -0.001 ± 0.001 χ^2/NDF : 26535.8/30

All: -0.001 ± 0.001 χ^2/NDF : 26576.2/57

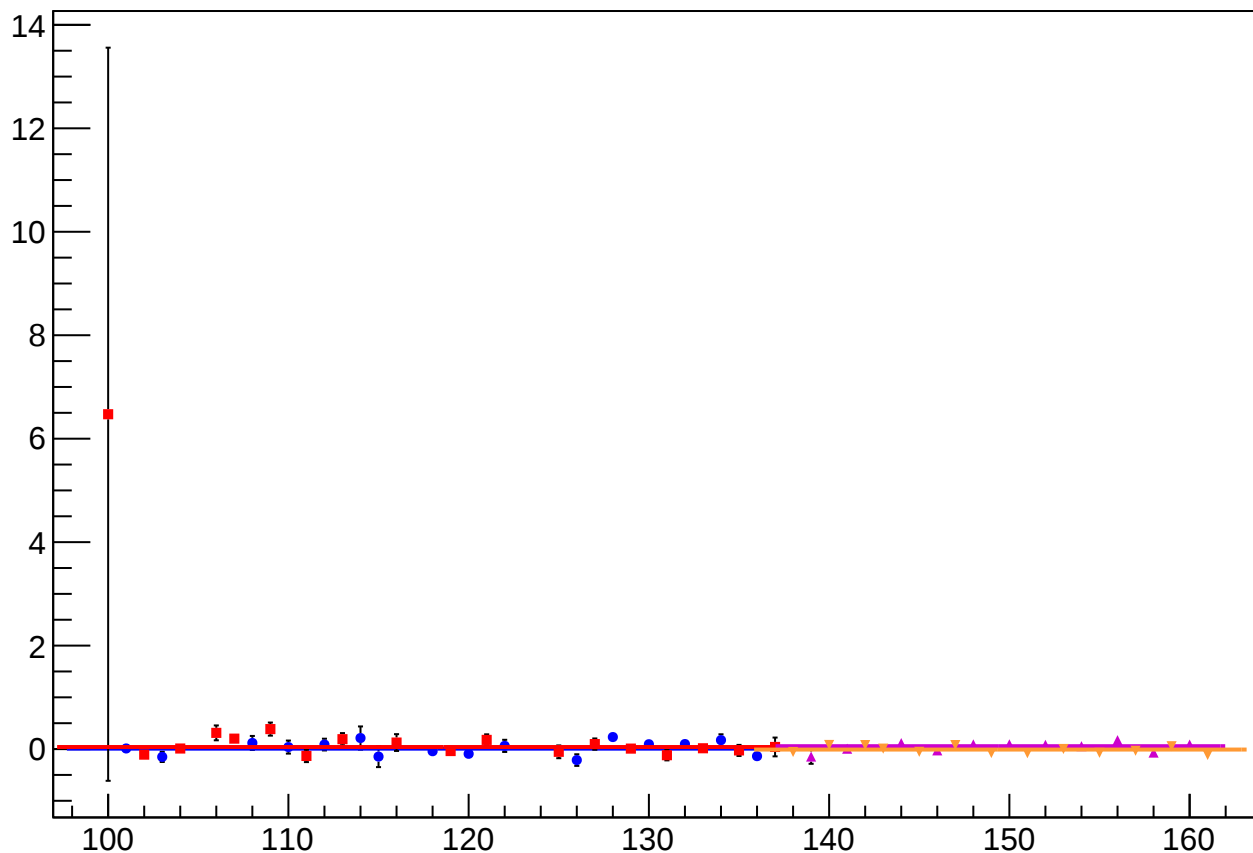
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10

Left: -0.035 $\pm$ 0.019 χ^2 /NDF: 29.1/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10
 Out: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12
 All: -0.035 $\pm$ 0.019 χ^2 /NDF: 29.1/23

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: -0.010 $\pm$ 0.018 χ^2 /NDF:14.4/12

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.055 $\pm$ 0.019 χ^2 /NDF:13.5/10

Left: 0.021 $\pm$ 0.013 χ^2 /NDF: 34.1/23

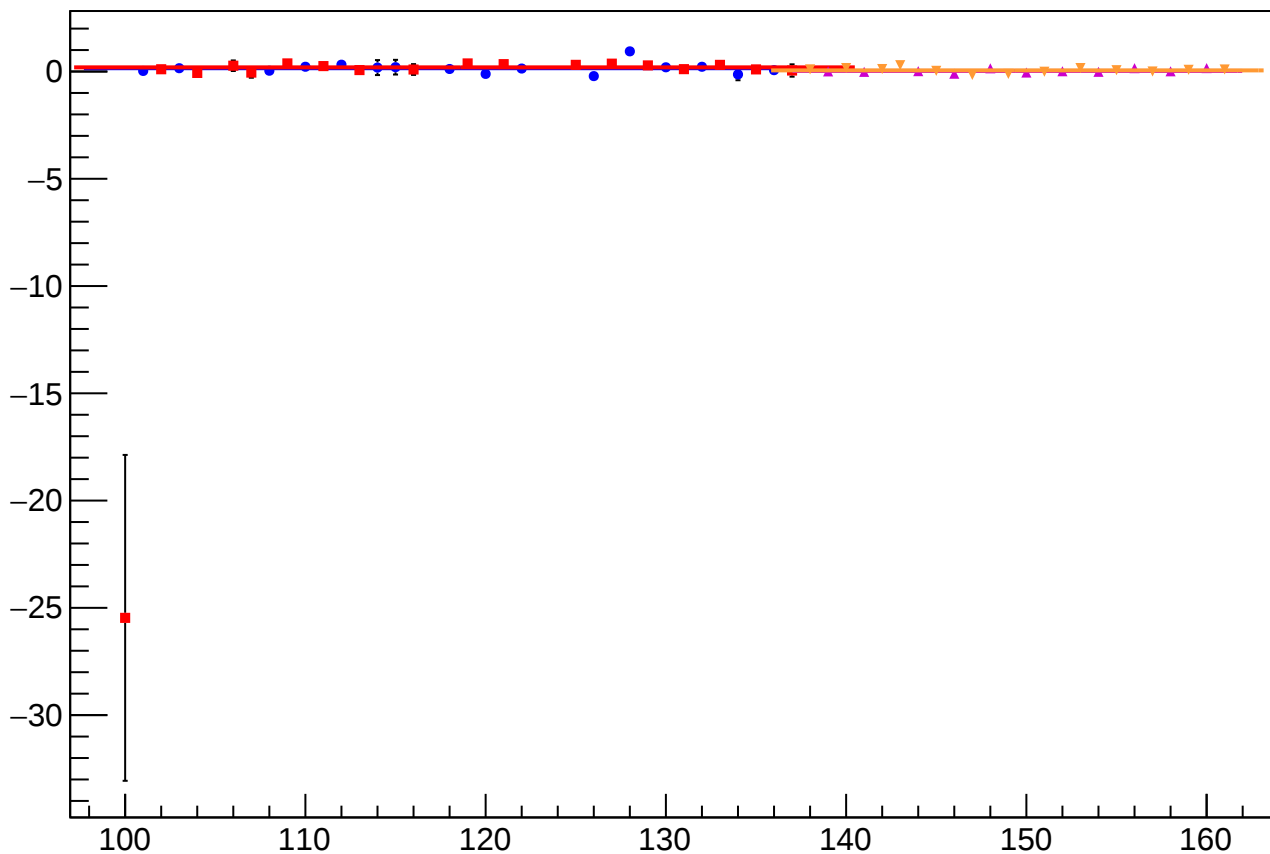
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.036 $\pm$ 0.015 χ^2 /NDF:39.6/26

Out: 0.007 $\pm$ 0.015 χ^2 /NDF:45.4/30

All: 0.022 $\pm$ 0.010 χ^2 /NDF: 87.0/57

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: 0.052+/-0.026 χ^2/NDF : 19.6/12

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.026+/-0.027 χ^2/NDF : 9.4/10

Left: 0.039+/-0.019 χ^2/NDF : 29.6/23

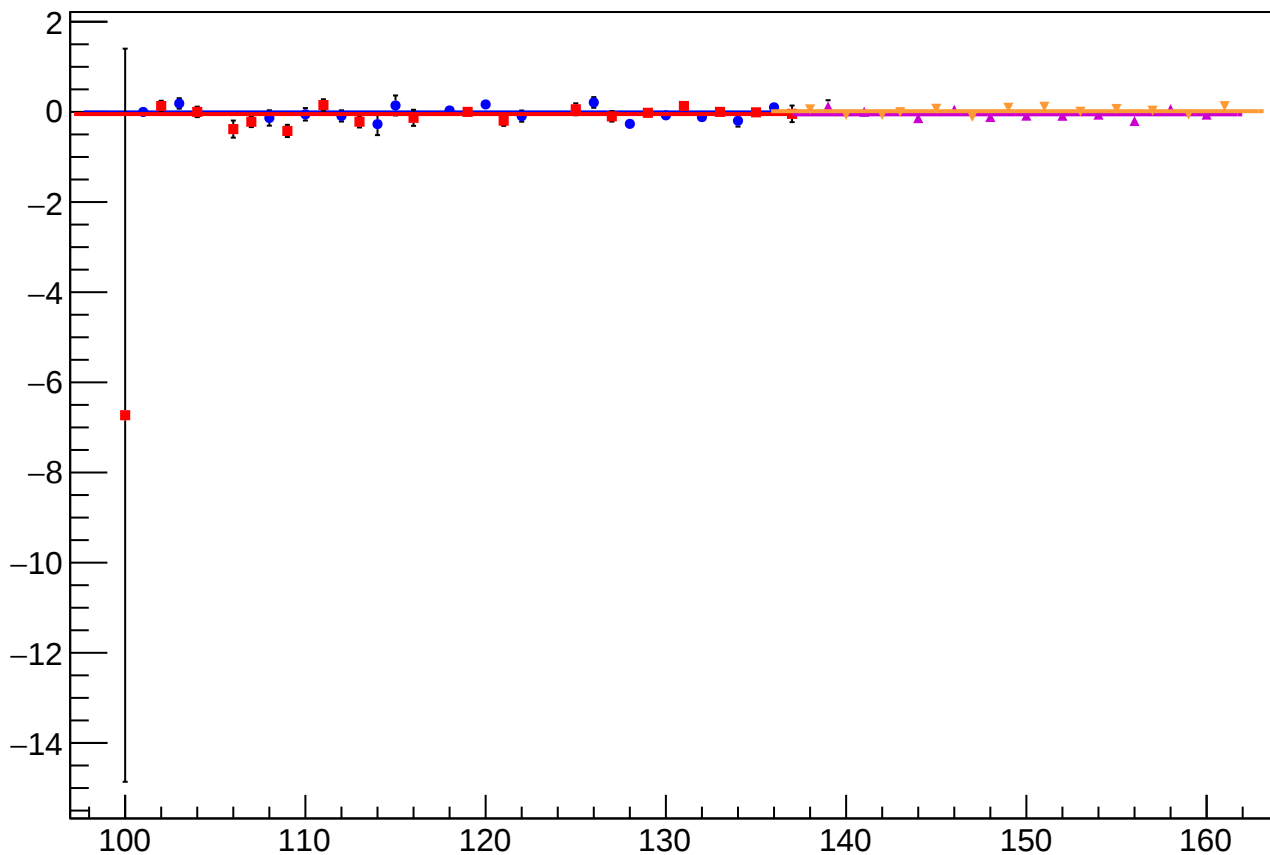
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.062+/-0.023 χ^2/NDF : 46.4/26

Out: 0.087+/-0.022 χ^2/NDF : 49.0/30

All: 0.075+/-0.016 χ^2/NDF : 96.0/57

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.015 ± 0.022 χ^2/NDF : 13.5/12

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.054 ± 0.023 χ^2/NDF : 13.3/10

Left: -0.017 ± 0.016 χ^2/NDF : 31.7/23

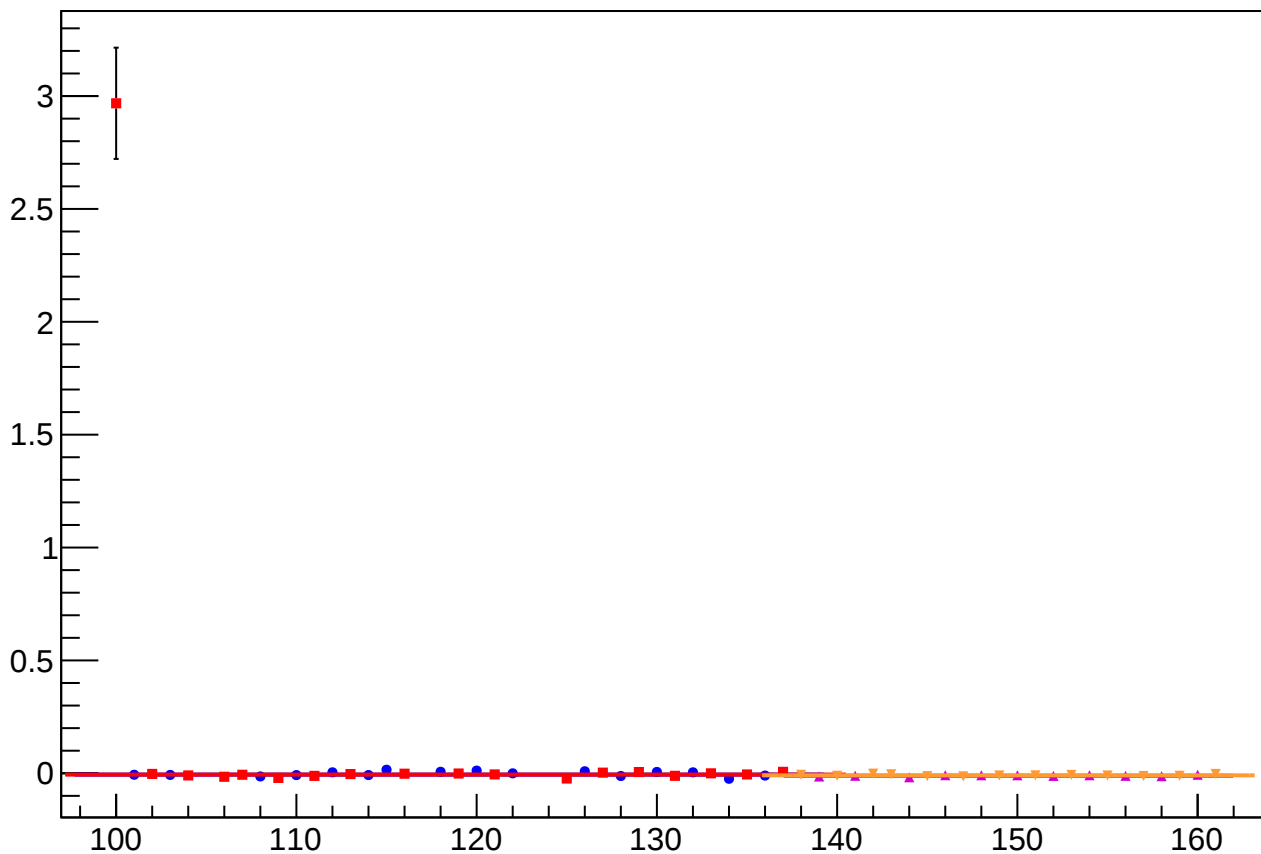
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.036 ± 0.017 χ^2/NDF : 38.2/26

Out: -0.008 ± 0.017 χ^2/NDF : 42.9/30

All: -0.022 ± 0.012 χ^2/NDF : 82.5/57

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009+/-0.001 χ^2 /NDF:9.8/12

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.011+/-0.001 χ^2 /NDF:7.4/10

Left: -0.010+/-0.001 χ^2 /NDF: 18.7/23

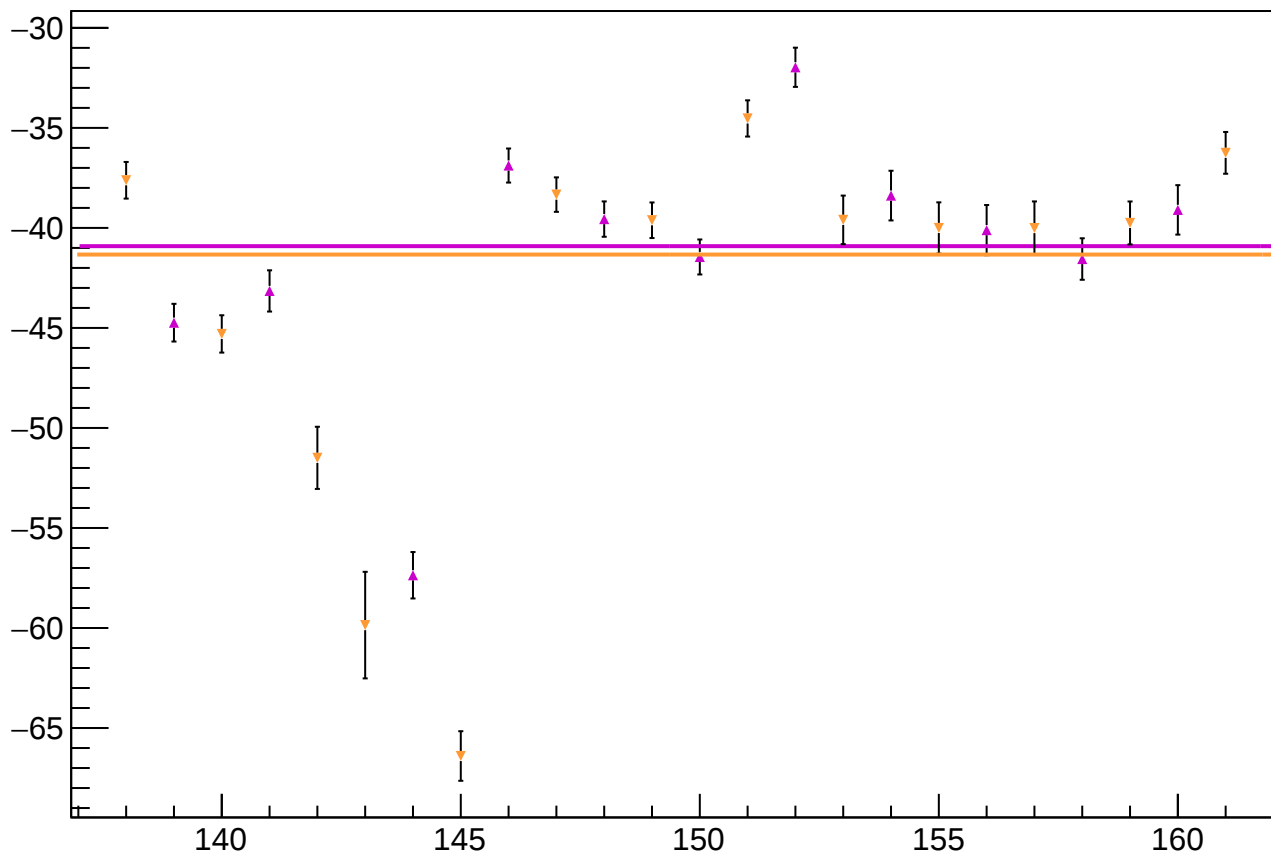
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.009+/-0.001 χ^2 /NDF:43.8/26

Out: -0.008+/-0.001 χ^2 /NDF:178.5/30

All: -0.009+/-0.001 χ^2 /NDF: 223.3/57

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.332+/-0.301 χ^2/NDF : 636.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.912+/-0.306 χ^2/NDF : 337.6/10

Left: -41.125+/-0.215 χ^2/NDF : 975.4/23

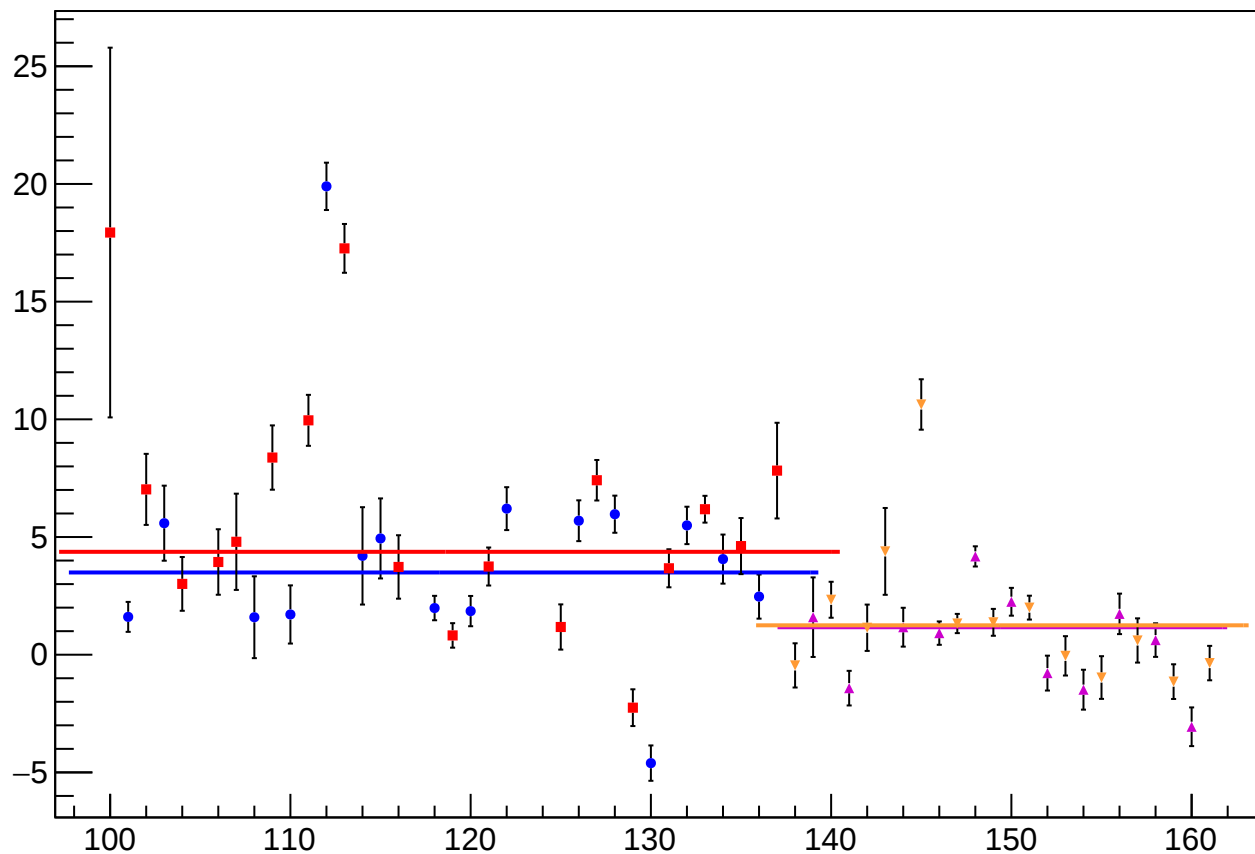
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.912+/-0.306 χ^2/NDF : 337.6/10

Out: -41.332+/-0.301 χ^2/NDF : 636.8/12

All: -41.125+/-0.215 χ^2/NDF : 975.4/23

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.249 ± 0.198 $\chi^2/\text{NDF}: 111.4/12$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.167 ± 0.204 $\chi^2/\text{NDF}: 109.5/10$

Left: 1.209 ± 0.142 $\chi^2/\text{NDF}: 220.9/23$

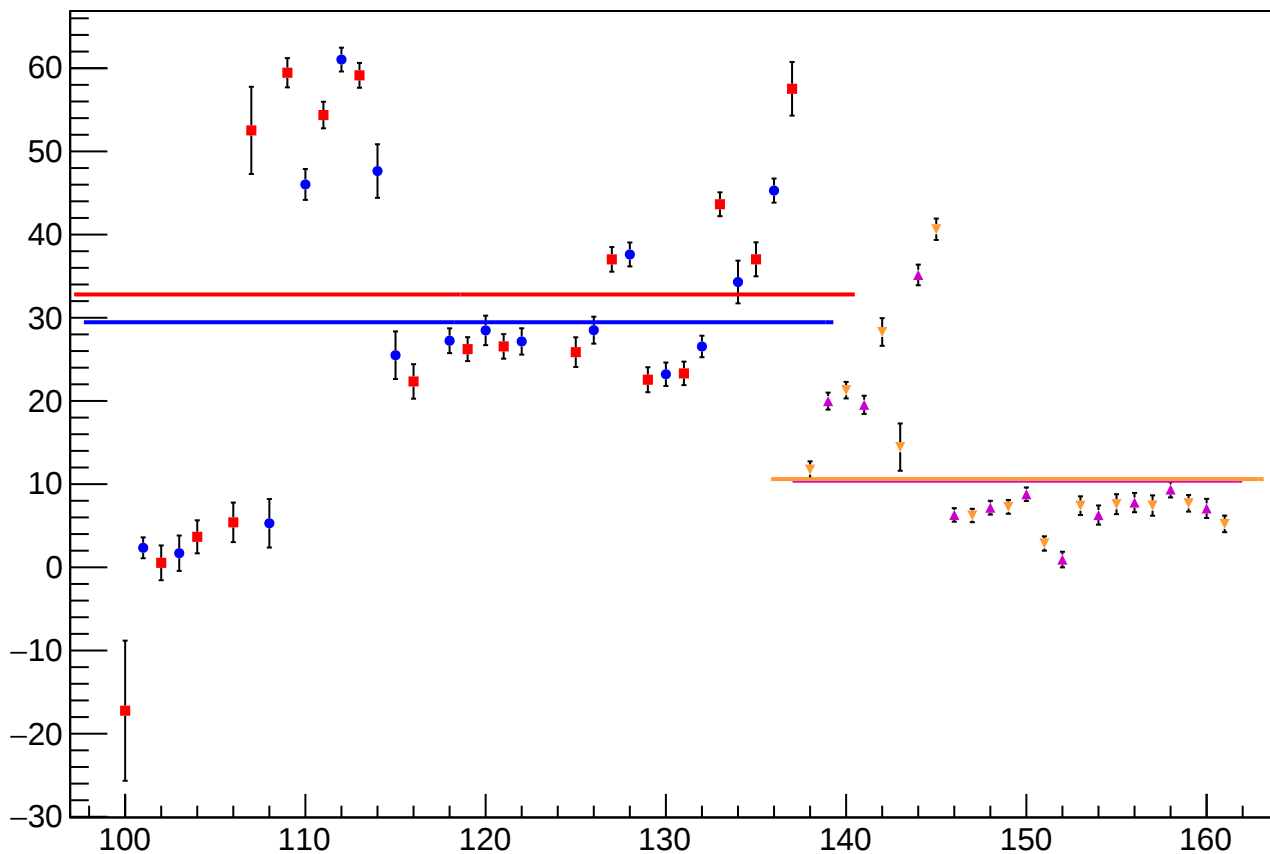
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.255 ± 0.149 $\chi^2/\text{NDF}: 615.2/26$

Out: 2.611 ± 0.149 $\chi^2/\text{NDF}: 573.7/30$

All: 2.433 ± 0.105 $\chi^2/\text{NDF}: 1191.7/57$

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: 10.604 $\pm$ 0.293 χ^2 /NDF:961.9/12

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 10.414 $\pm$ 0.296 χ^2 /NDF:728.8/10

Left: 10.510 $\pm$ 0.209 χ^2 /NDF: 1690.9/23

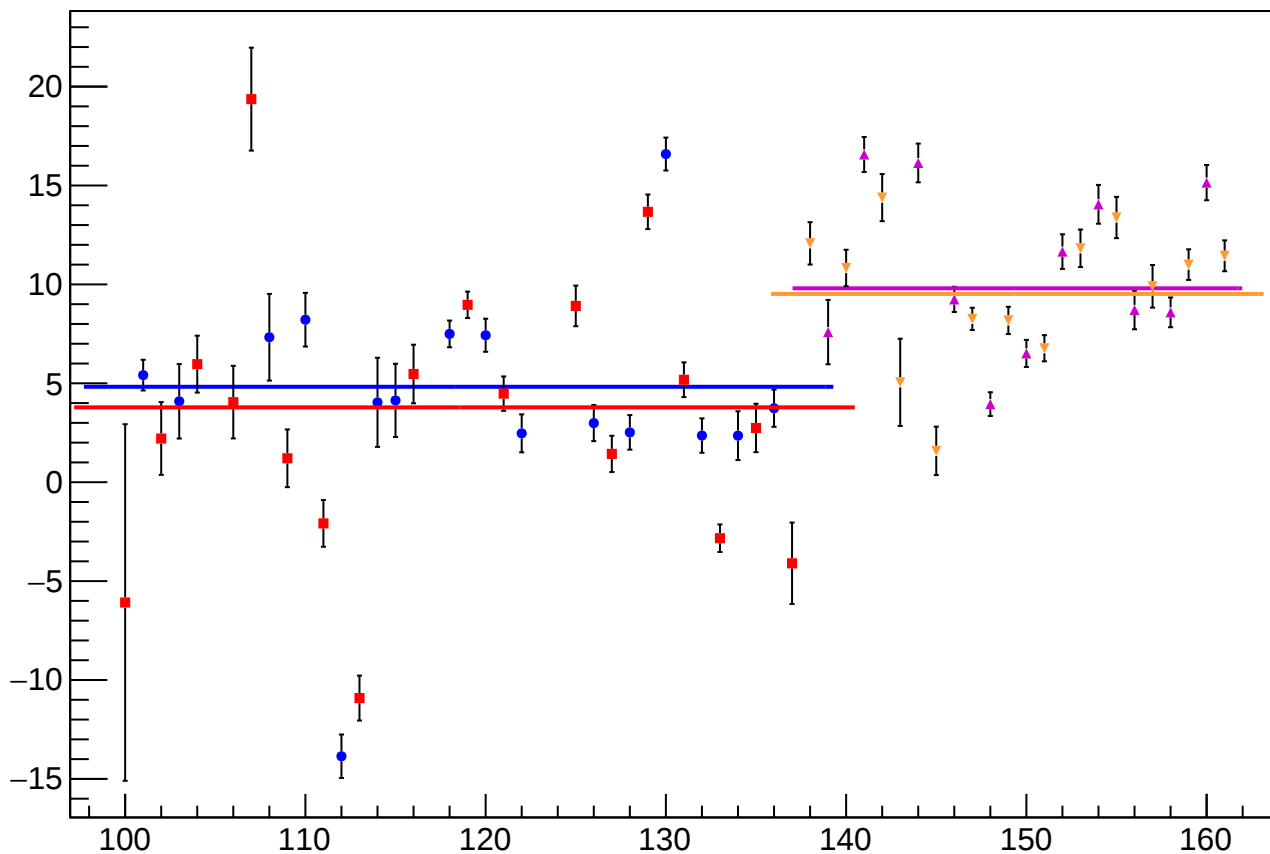
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 16.800 $\pm$ 0.242 χ^2 /NDF:3604.2/26

Out: 17.817 $\pm$ 0.241 χ^2 /NDF:4481.3/30

All: 17.310 $\pm$ 0.171 χ^2 /NDF: 8094.3/57

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.519 ± 0.240 χ^2/NDF : 126.1/12

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.803 ± 0.246 χ^2/NDF : 284.5/10

Left: 9.657 ± 0.172 χ^2/NDF : 411.3/23

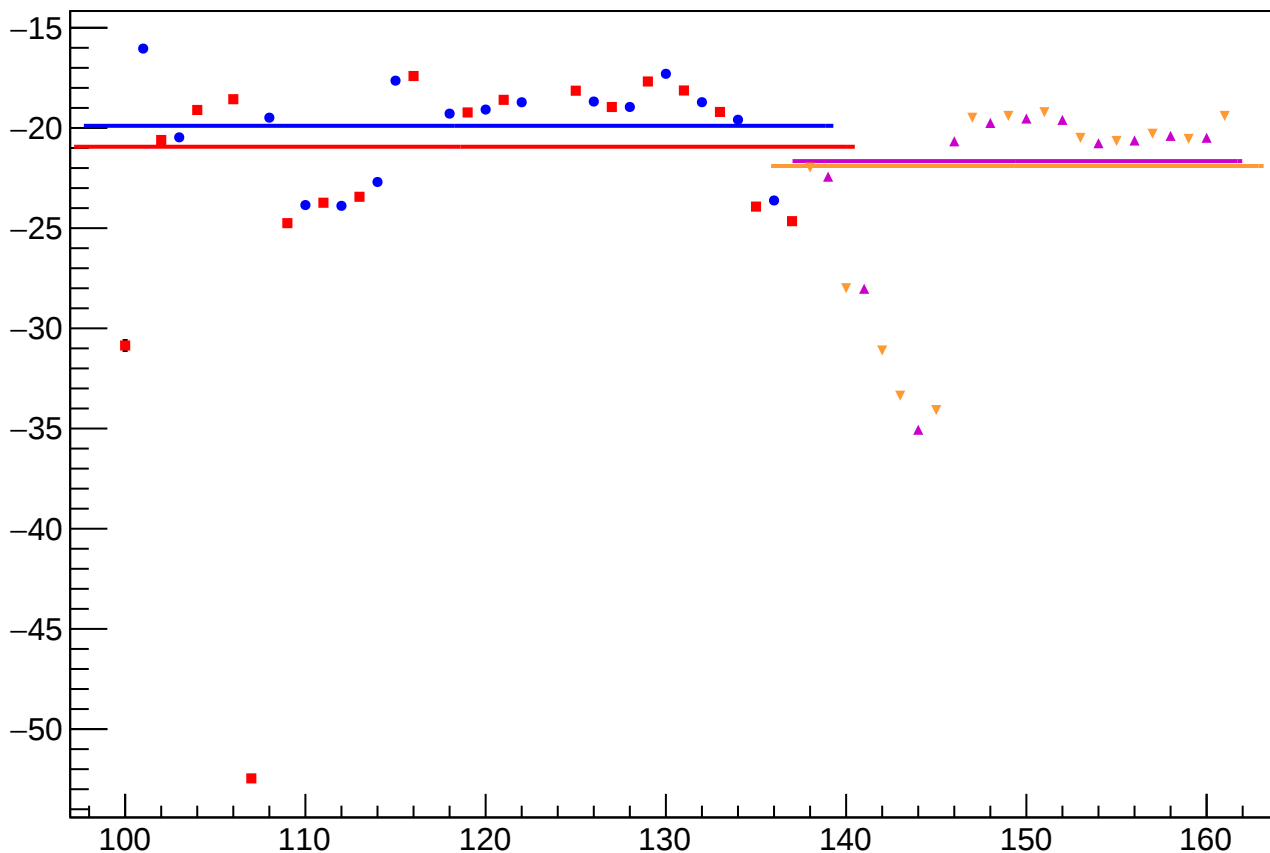
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 7.368 ± 0.176 χ^2/NDF : 1037.4/26

Out: 6.869 ± 0.176 χ^2/NDF : 954.9/30

All: 7.119 ± 0.124 χ^2/NDF : 1996.4/57

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.898 ± 0.012 χ^2/NDF : 129667.8/12

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -21.653 ± 0.012 χ^2/NDF : 95367.7/10

Left: -21.776 ± 0.008 χ^2/NDF : 225256.3/23

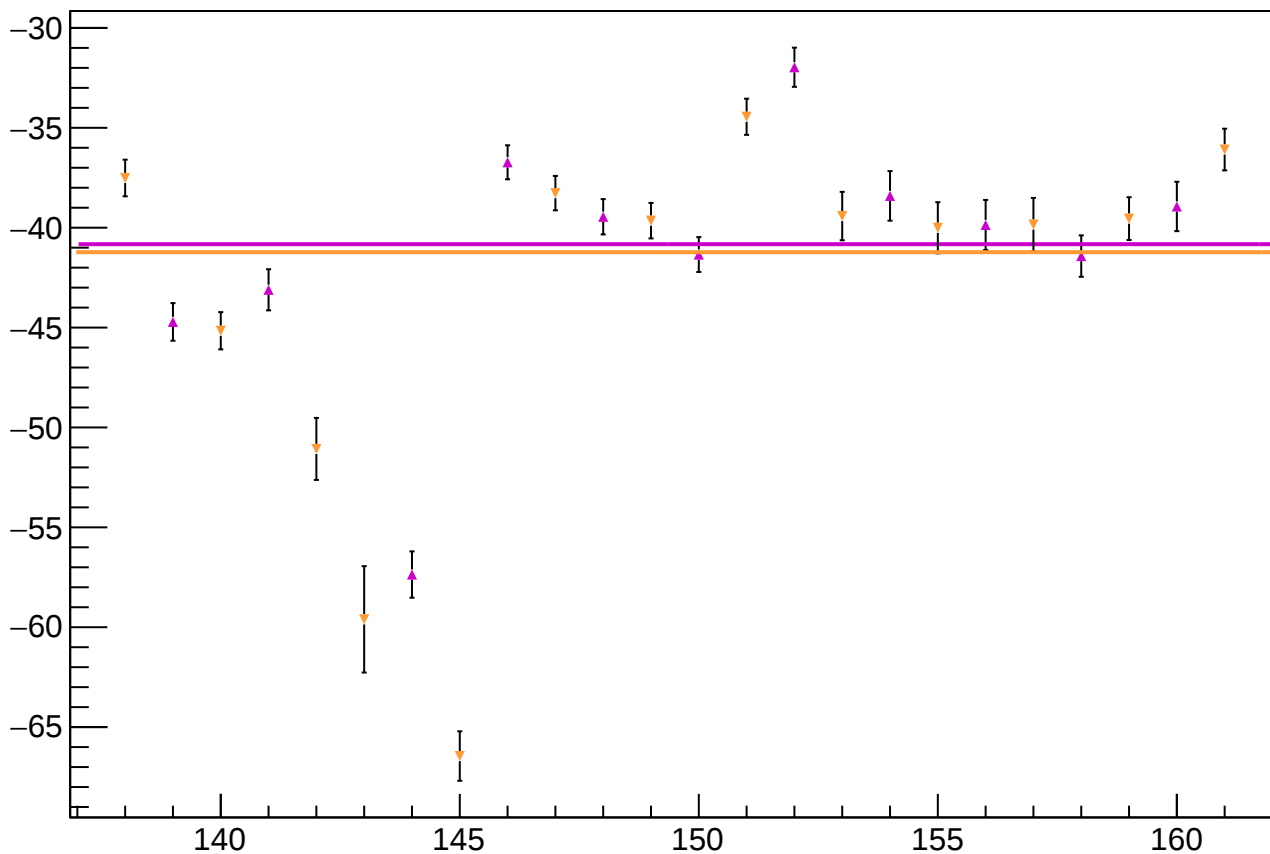
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -21.022 ± 0.009 χ^2/NDF : 129645.6/26

Out: -21.556 ± 0.009 χ^2/NDF : 226210.3/30

All: -21.288 ± 0.007 χ^2/NDF : 357491.7/57

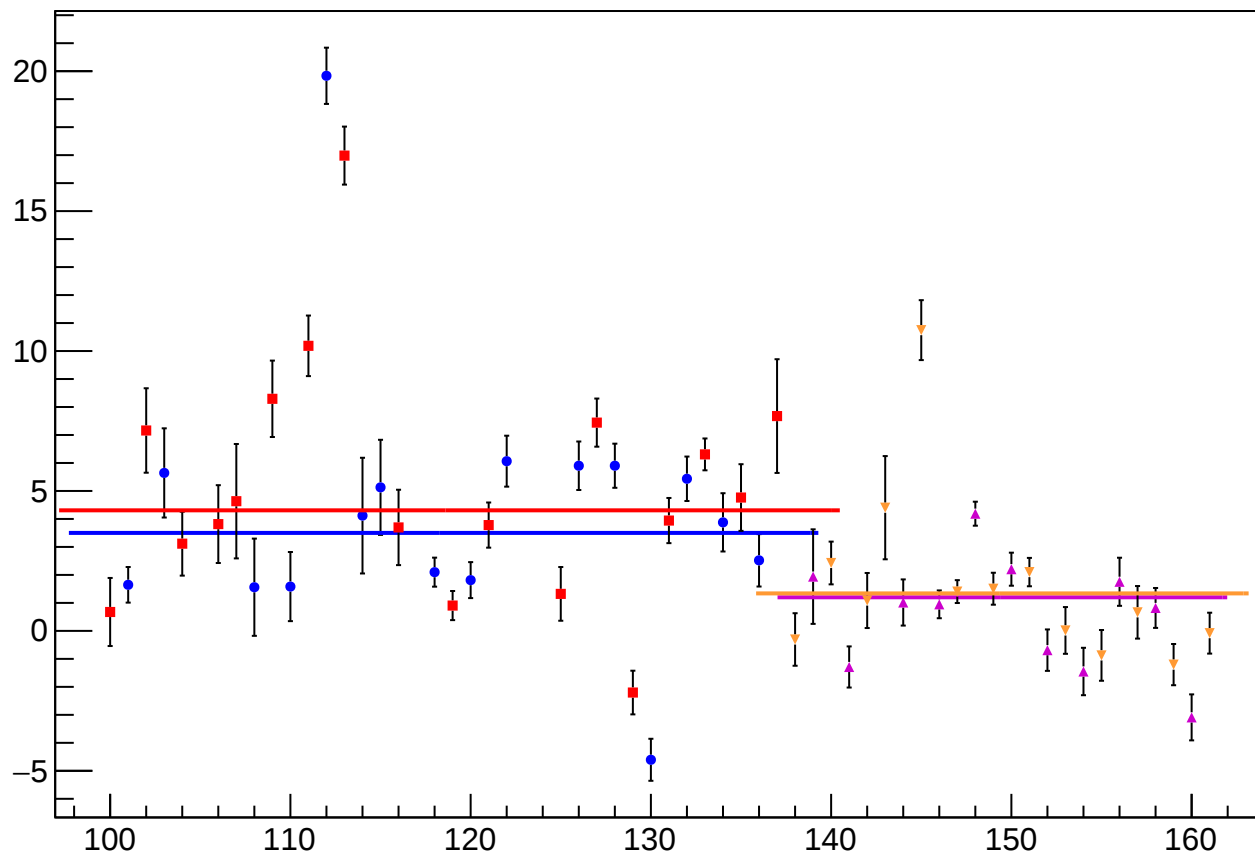
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.227+/-0.301 χ^2/NDF : 638.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.825+/-0.306 χ^2/NDF : 340.1/10

Left: -41.029+/-0.215 χ^2/NDF : 979.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.825+/-0.306 χ^2/NDF : 340.1/10
 Out: -41.227+/-0.301 χ^2/NDF : 638.6/12
 All: -41.029+/-0.215 χ^2/NDF : 979.6/23

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.340 ± 0.198 χ^2/NDF : 112.2/12

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.200 ± 0.204 χ^2/NDF : 107.7/10

Left: 1.272 ± 0.142 χ^2/NDF : 220.1/23

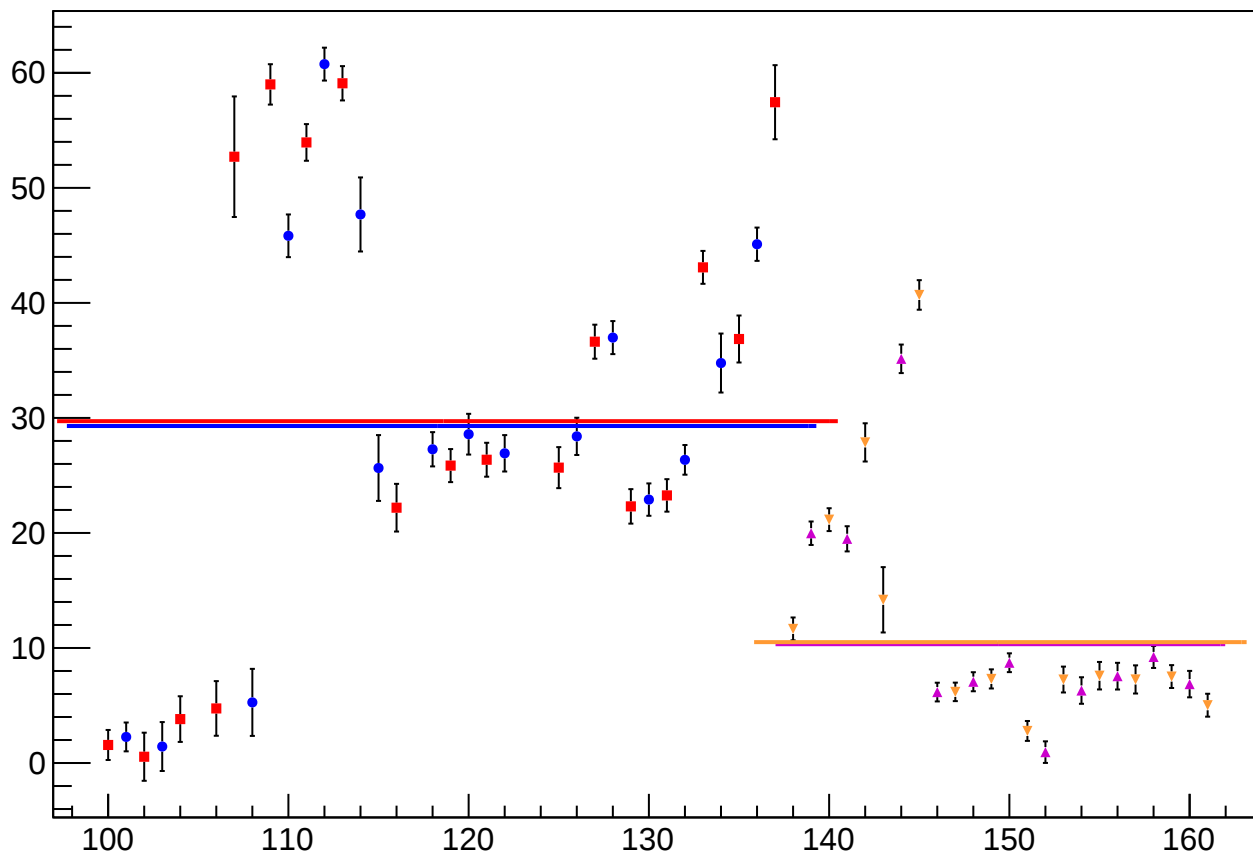
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.276 ± 0.149 χ^2/NDF : 609.2/26

Out: 2.658 ± 0.148 χ^2/NDF : 564.9/30

All: 2.469 ± 0.105 χ^2/NDF : 1177.3/57

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 10.509 $\pm$ 0.293 χ^2 /NDF:962.7/12

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 10.329 $\pm$ 0.296 χ^2 /NDF:733.6/10

Left: 10.420 $\pm$ 0.208 χ^2 /NDF: 1696.5/23

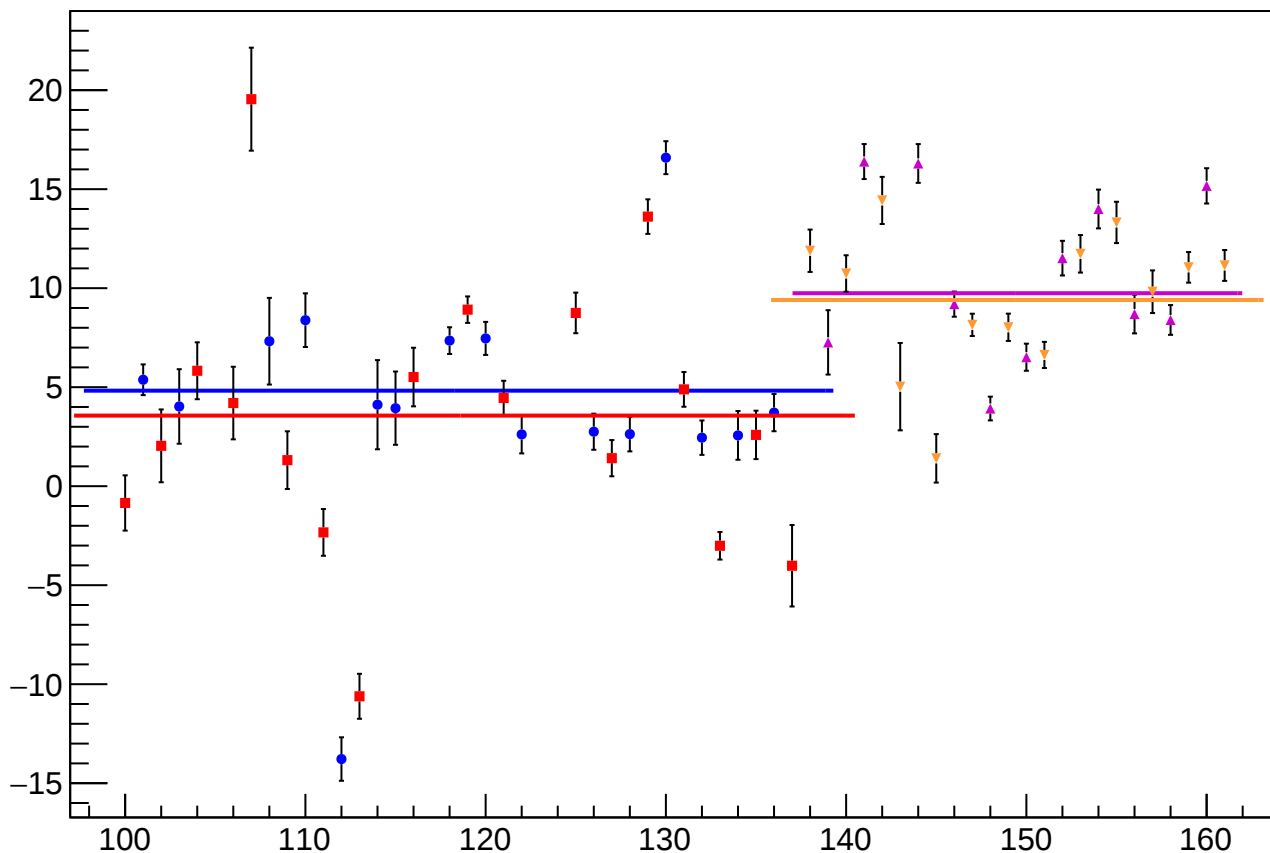
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 16.688 $\pm$ 0.242 χ^2 /NDF:3592.6/26

Out: 17.170 $\pm$ 0.237 χ^2 /NDF:4579.2/30

All: 16.933 $\pm$ 0.169 χ^2 /NDF: 8173.8/57

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: 9.404 ± 0.240 χ^2/NDF : 128.5/12

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.746 ± 0.246 χ^2/NDF : 285.6/10

Left: 9.570 ± 0.172 χ^2/NDF : 415.1/23

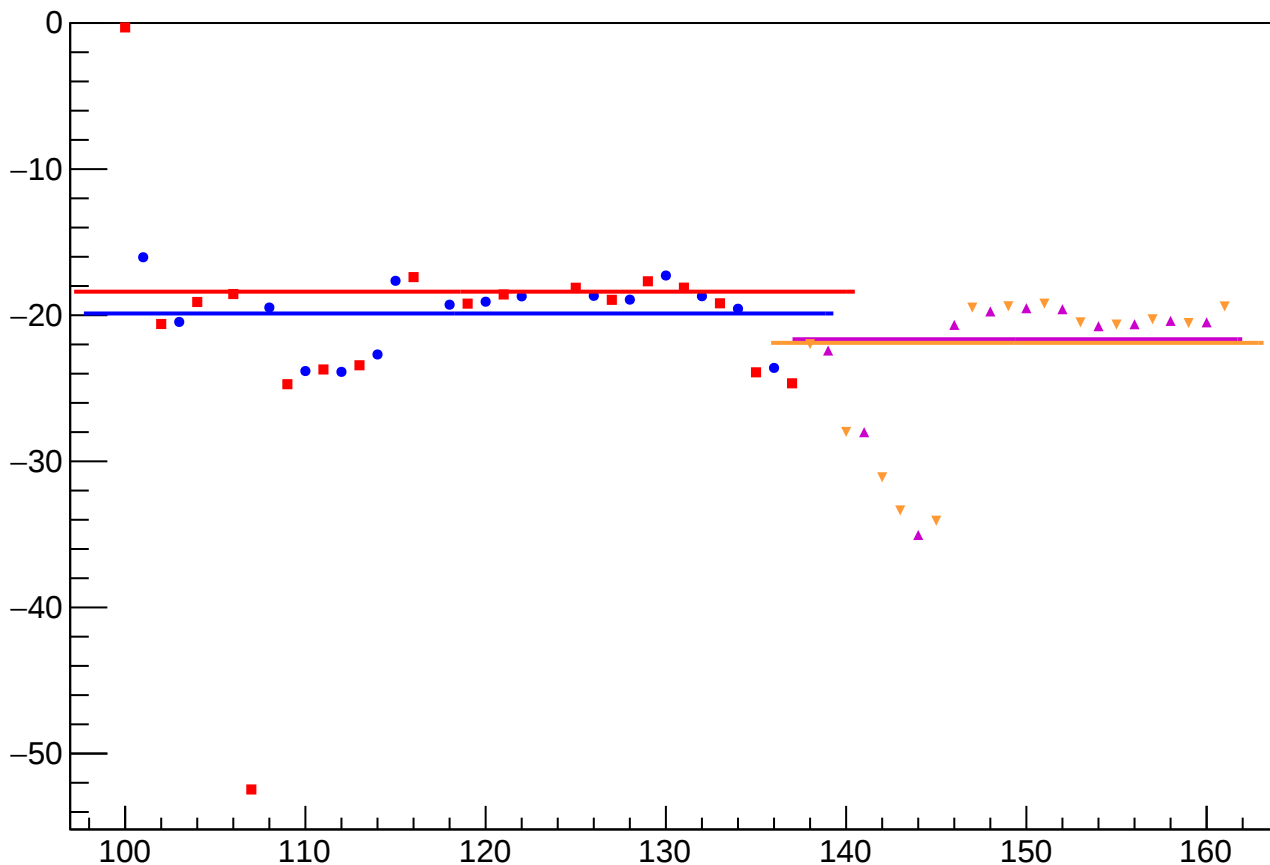
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.339 ± 0.176 χ^2/NDF : 1030.5/26

Out: 6.657 ± 0.174 χ^2/NDF : 977.8/30

All: 6.995 ± 0.124 χ^2/NDF : 2015.8/57

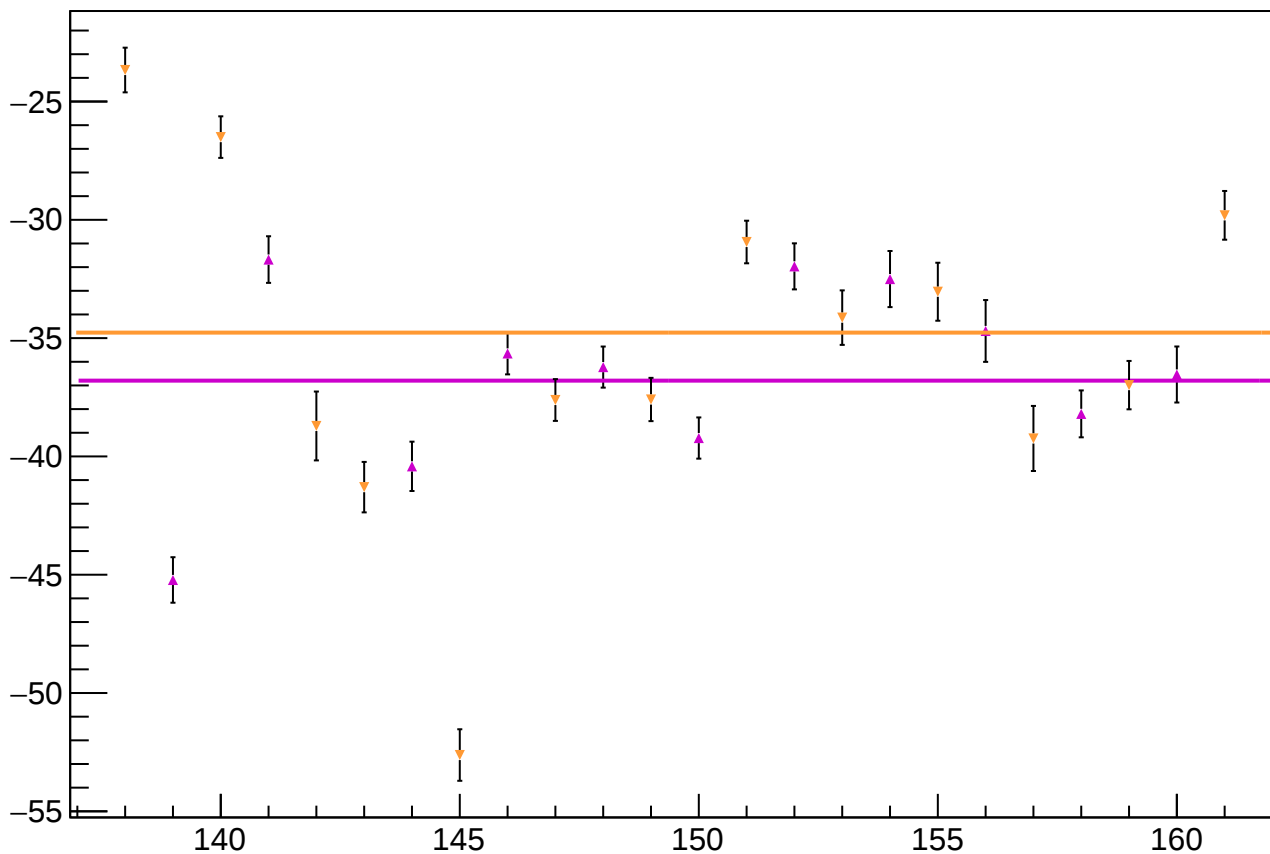
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.891 ± 0.012 $\chi^2/\text{NDF}: 129739.6/12$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.643 ± 0.012 $\chi^2/\text{NDF}: 95303.7/10$

Left: -21.767 ± 0.008 $\chi^2/\text{NDF}: 225268.8/23$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.011 ± 0.009 $\chi^2/\text{NDF}: 129597.9/26$
 Out: -20.543 ± 0.009 $\chi^2/\text{NDF}: 465743.0/30$
 All: -20.772 ± 0.007 $\chi^2/\text{NDF}: 596626.0/57$

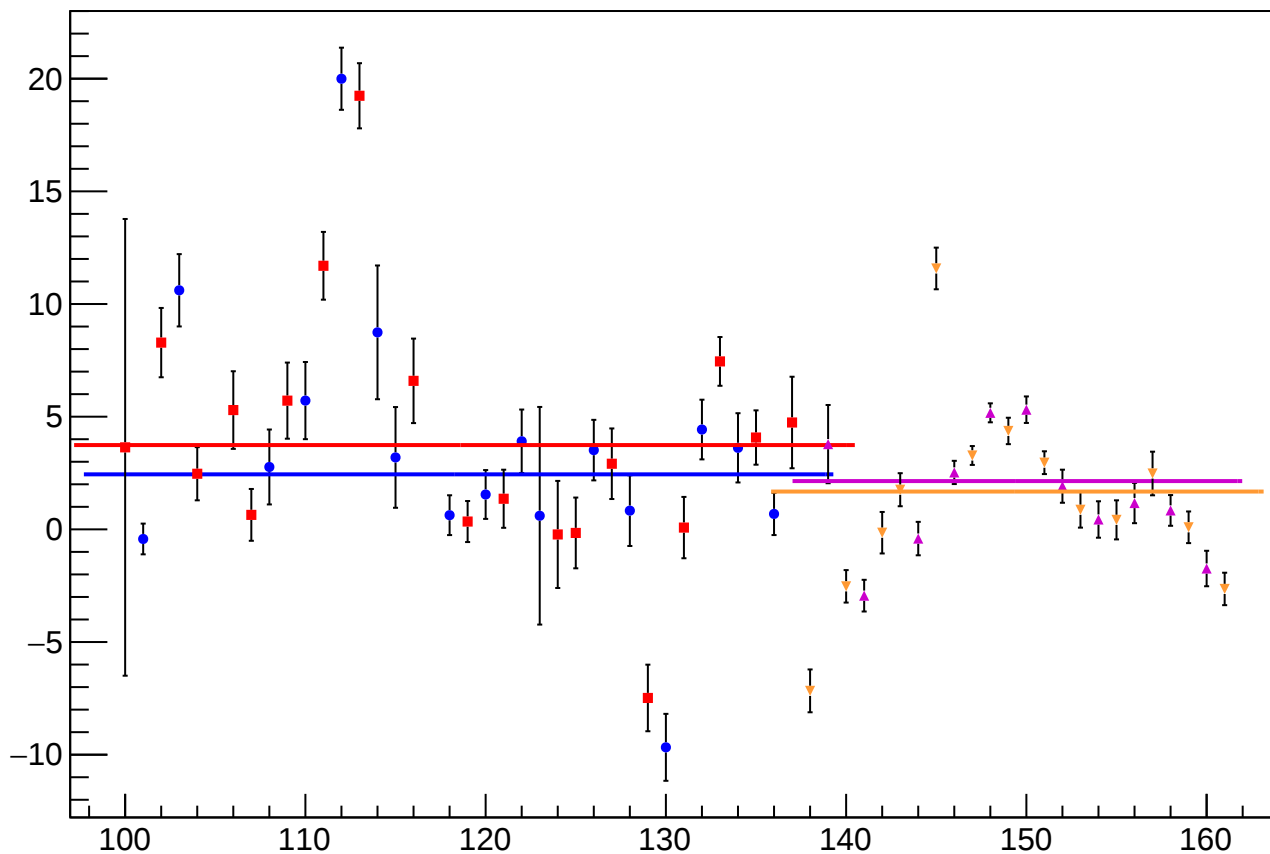
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.767+/-0.287 χ^2/NDF :619.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.797+/-0.301 χ^2/NDF :168.0/10

Left: -35.732+/-0.208 χ^2/NDF : 810.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.797+/-0.301 χ^2/NDF :168.0/10
 Out: -34.767+/-0.287 χ^2/NDF :619.0/12
 All: -35.732+/-0.208 χ^2/NDF : 810.9/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.678 ± 0.190 χ^2/NDF : 326.4/12

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.142 ± 0.201 χ^2/NDF : 179.9/10

Left: 1.898 ± 0.138 χ^2/NDF : 509.2/23

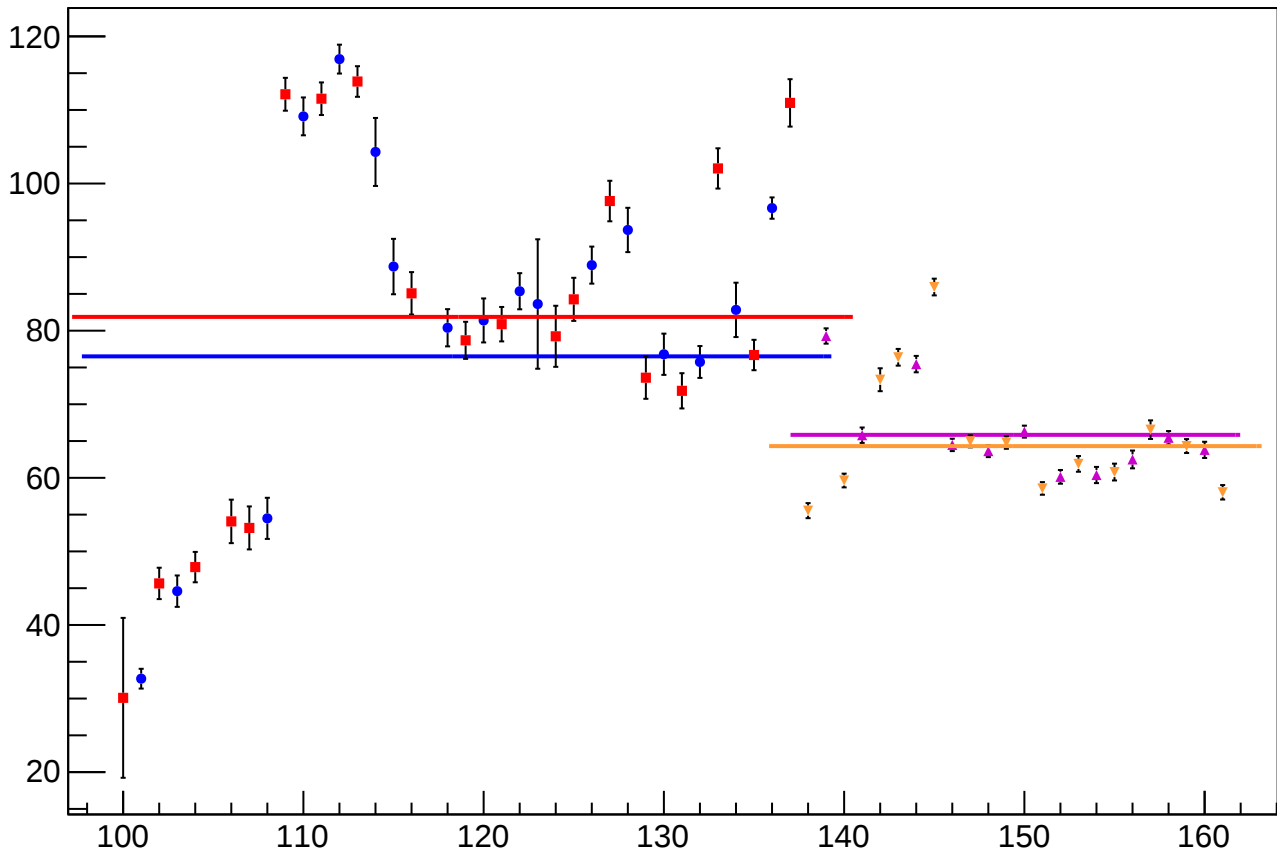
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.230 ± 0.169 χ^2/NDF : 475.3/27

Out: 2.200 ± 0.164 χ^2/NDF : 624.3/31

All: 2.214 ± 0.118 χ^2/NDF : 1099.7/59

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.311 $\pm$ 0.281 χ^2 /NDF: 710.3/12

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 65.842 $\pm$ 0.292 χ^2 /NDF: 324.4/10

Left: 65.047 $\pm$ 0.202 χ^2 /NDF: 1048.9/23

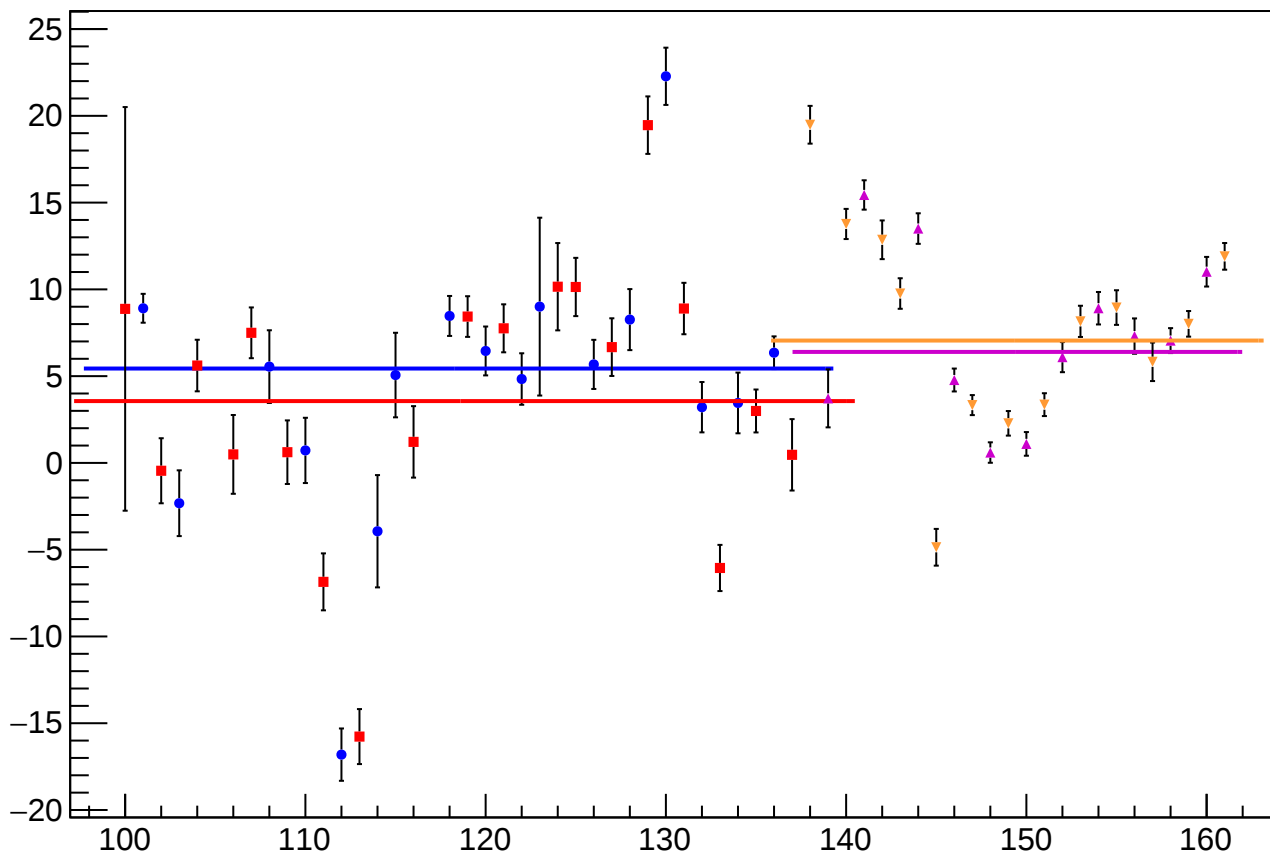
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.034 $\pm$ 0.260 χ^2 /NDF: 2849.6/27

Out: 67.544 $\pm$ 0.254 χ^2 /NDF: 2999.9/31

All: 67.783 $\pm$ 0.182 χ^2 /NDF: 5851.3/59

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 7.051 ± 0.229 $\chi^2/\text{NDF}: 520.0/12$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 6.396 ± 0.242 $\chi^2/\text{NDF}: 383.6/10$

Left: 6.741 ± 0.166 $\chi^2/\text{NDF}: 907.5/23$

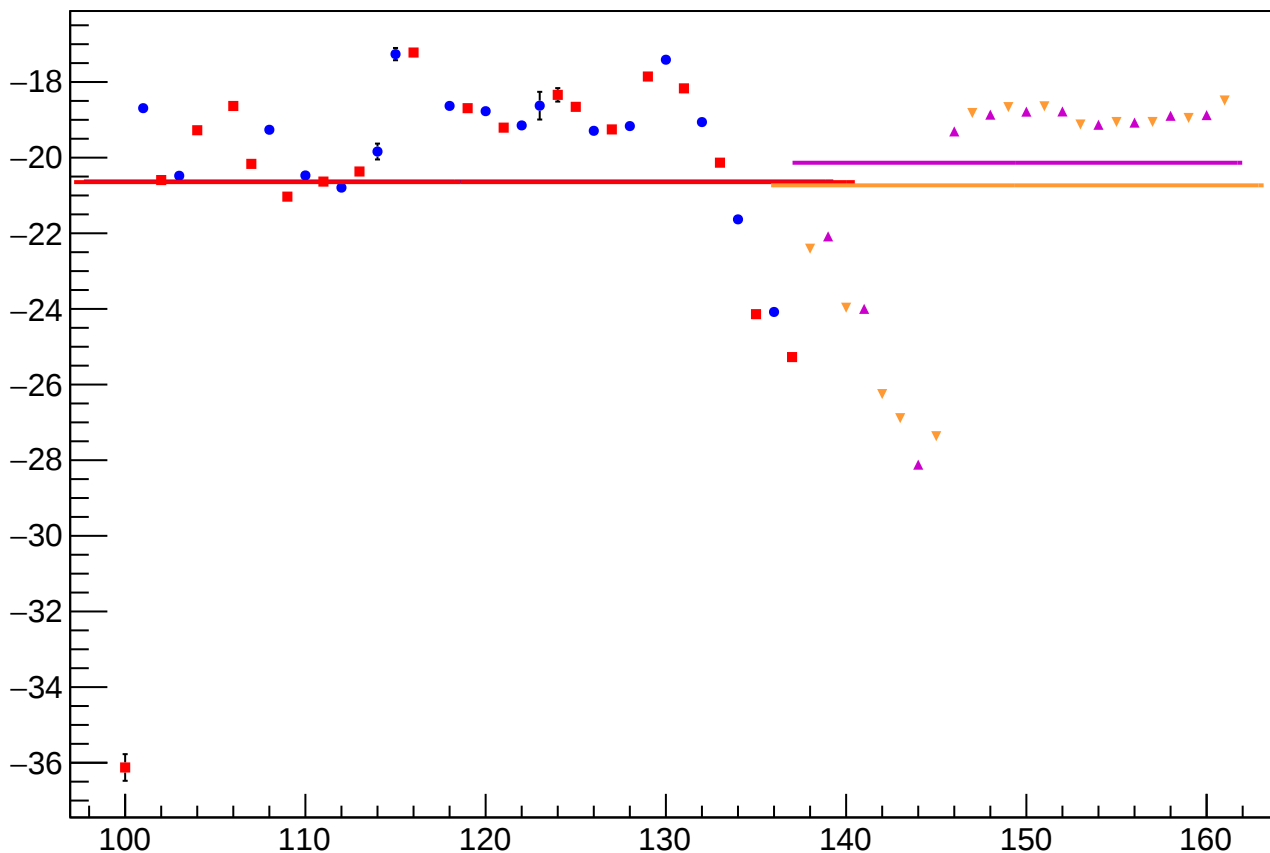
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 6.096 ± 0.200 $\chi^2/\text{NDF}: 774.7/27$

Out: 6.103 ± 0.196 $\chi^2/\text{NDF}: 1003.8/31$

All: 6.100 ± 0.140 $\chi^2/\text{NDF}: 1778.5/59$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.733 $\pm$ 0.011 χ^2 /NDF: 75931.5/12

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -20.135 $\pm$ 0.011 χ^2 /NDF: 46319.3/10

Left: -20.442 $\pm$ 0.008 χ^2 /NDF: 123644.7/23

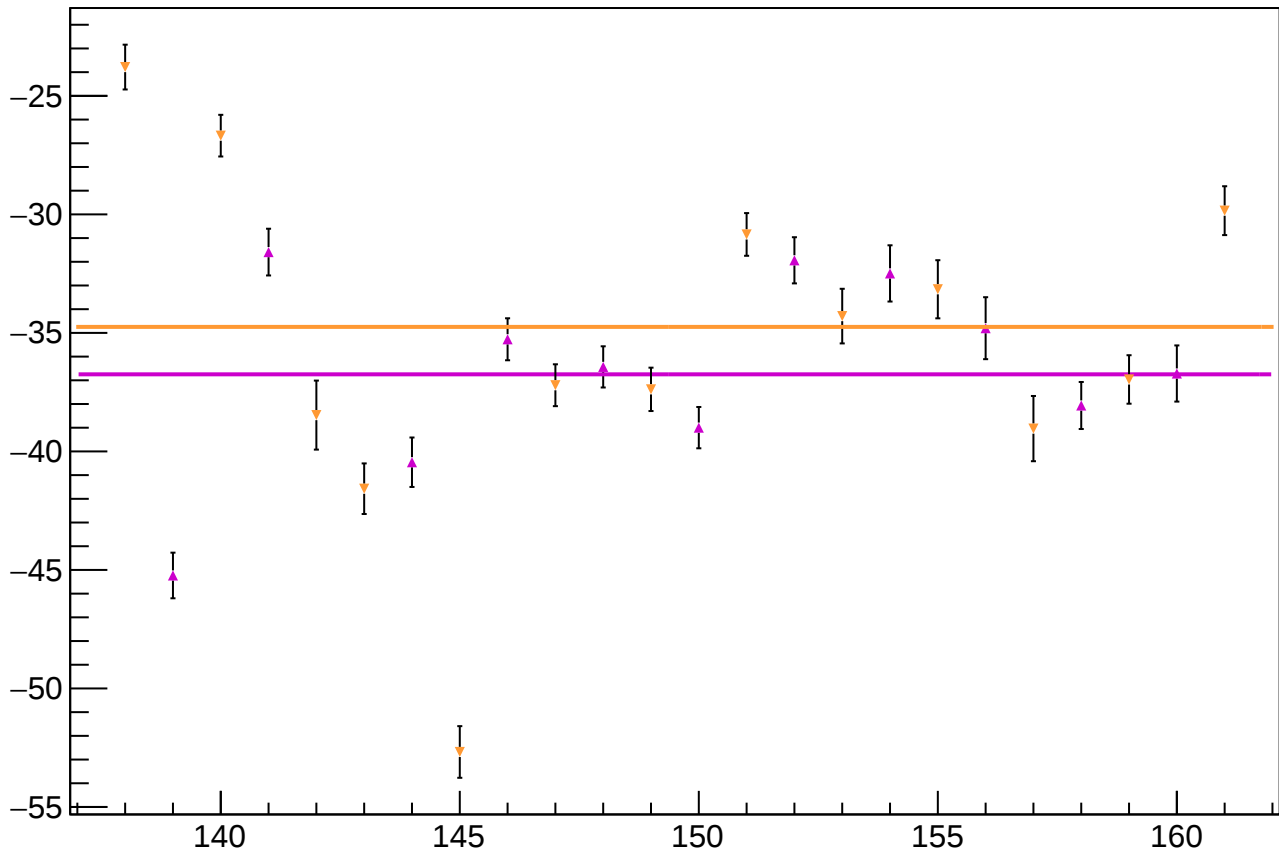
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.265 $\pm$ 0.010 χ^2 /NDF: 59310.1/27

Out: -20.711 $\pm$ 0.010 χ^2 /NDF: 89854.9/31

All: -20.492 $\pm$ 0.007 χ^2 /NDF: 150209.9/59

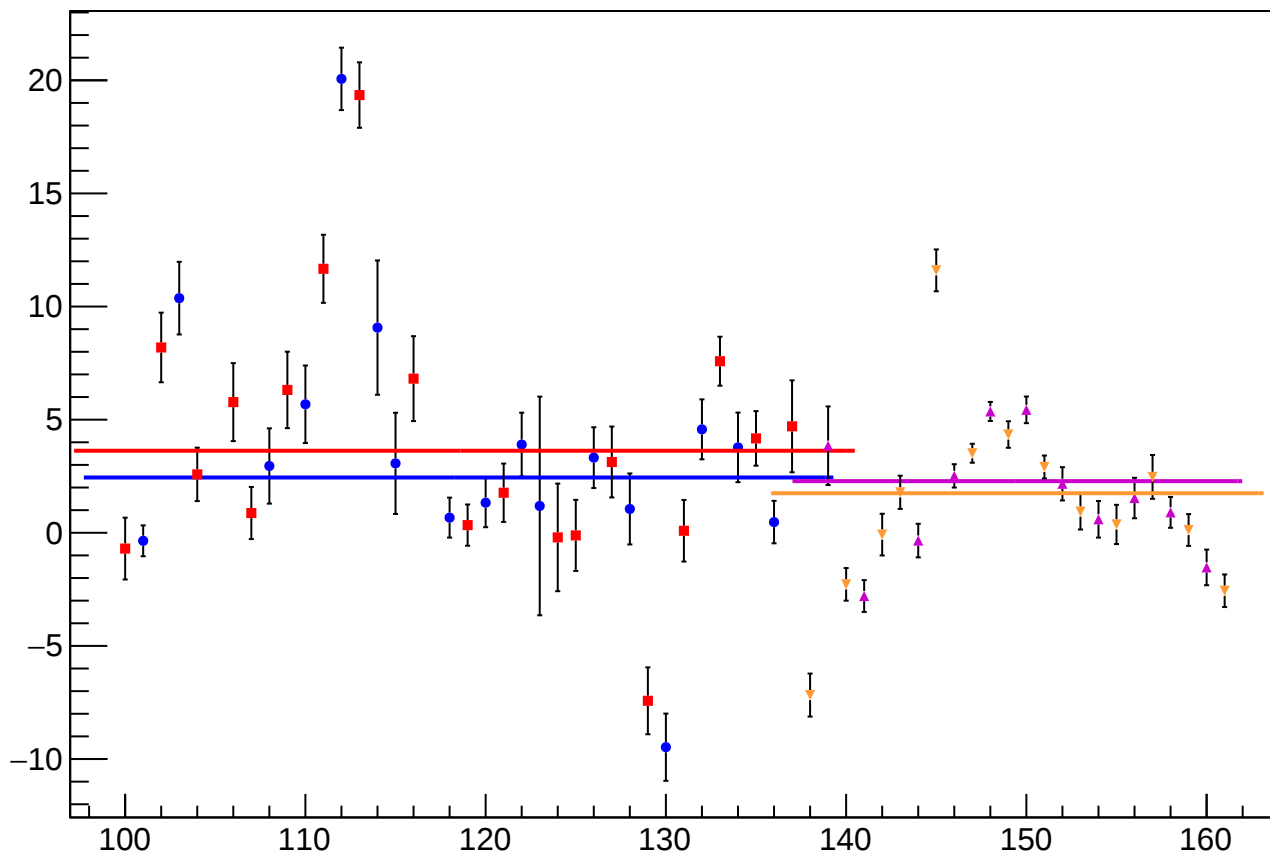
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.748+/-0.301 χ^2/NDF :168.6/10

Left: -35.698+/-0.208 χ^2/NDF : 802.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.748+/-0.301 χ^2/NDF :168.6/10
 Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 All: -35.698+/-0.208 χ^2/NDF : 802.5/23

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: 1.749 ± 0.190 χ^2/NDF : 324.6/12

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 2.282 ± 0.201 χ^2/NDF : 180.3/10

Left: 2.001 ± 0.138 χ^2/NDF : 508.6/23

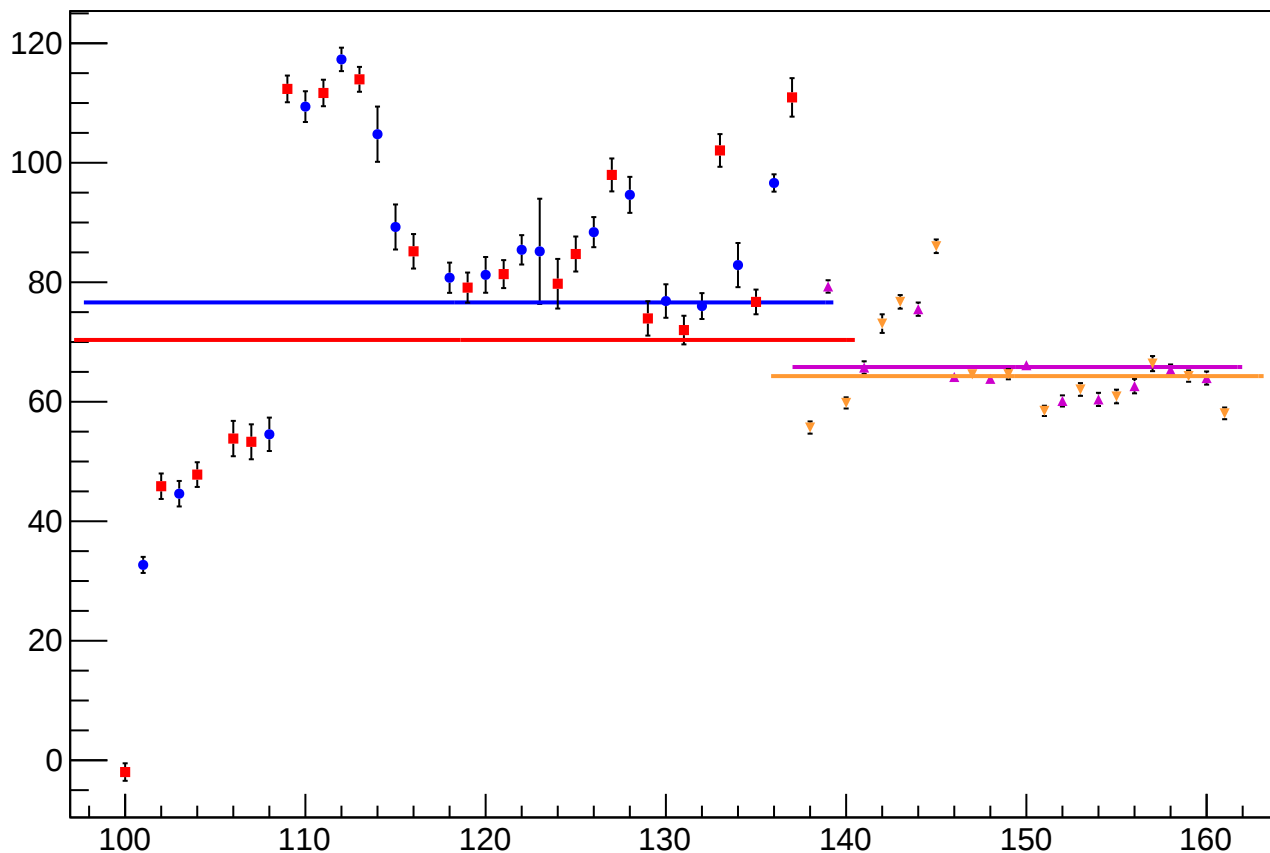
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 2.330 ± 0.169 χ^2/NDF : 473.2/27

Out: 2.244 ± 0.163 χ^2/NDF : 629.2/31

All: 2.285 ± 0.117 χ^2/NDF : 1102.5/59

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.294 $\pm$ 0.281 χ^2 /NDF: 711.5/12

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 65.816 $\pm$ 0.292 χ^2 /NDF: 324.0/10

Left: 65.026 $\pm$ 0.203 χ^2 /NDF: 1049.6/23

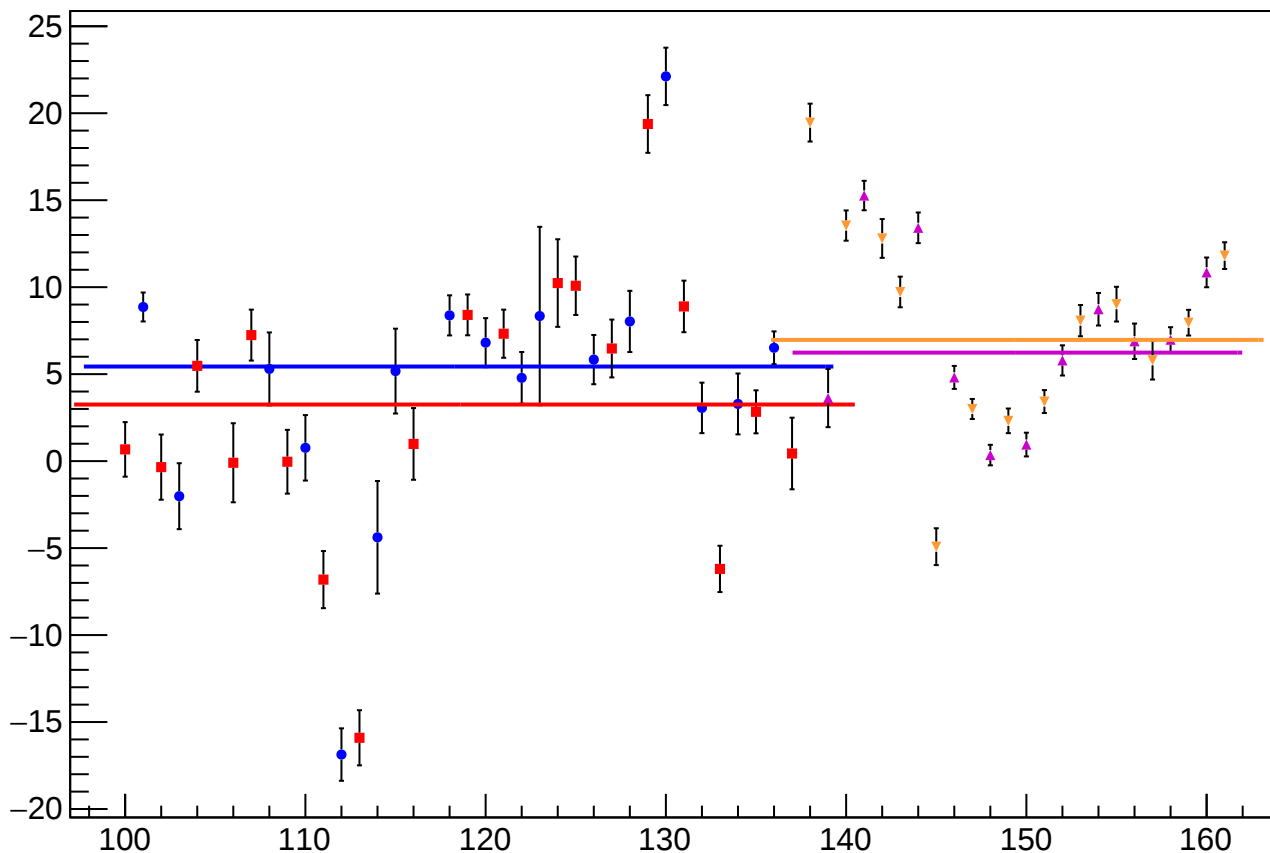
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.038 $\pm$ 0.260 χ^2 /NDF: 2868.1/27

Out: 65.550 $\pm$ 0.250 χ^2 /NDF: 5195.7/31

All: 66.745 $\pm$ 0.180 χ^2 /NDF: 8111.3/59

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.969 ± 0.229 $\chi^2/\text{NDF}: 519.7/12$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 6.237 ± 0.242 $\chi^2/\text{NDF}: 385.0/10$

Left: 6.622 ± 0.166 $\chi^2/\text{NDF}: 909.6/23$

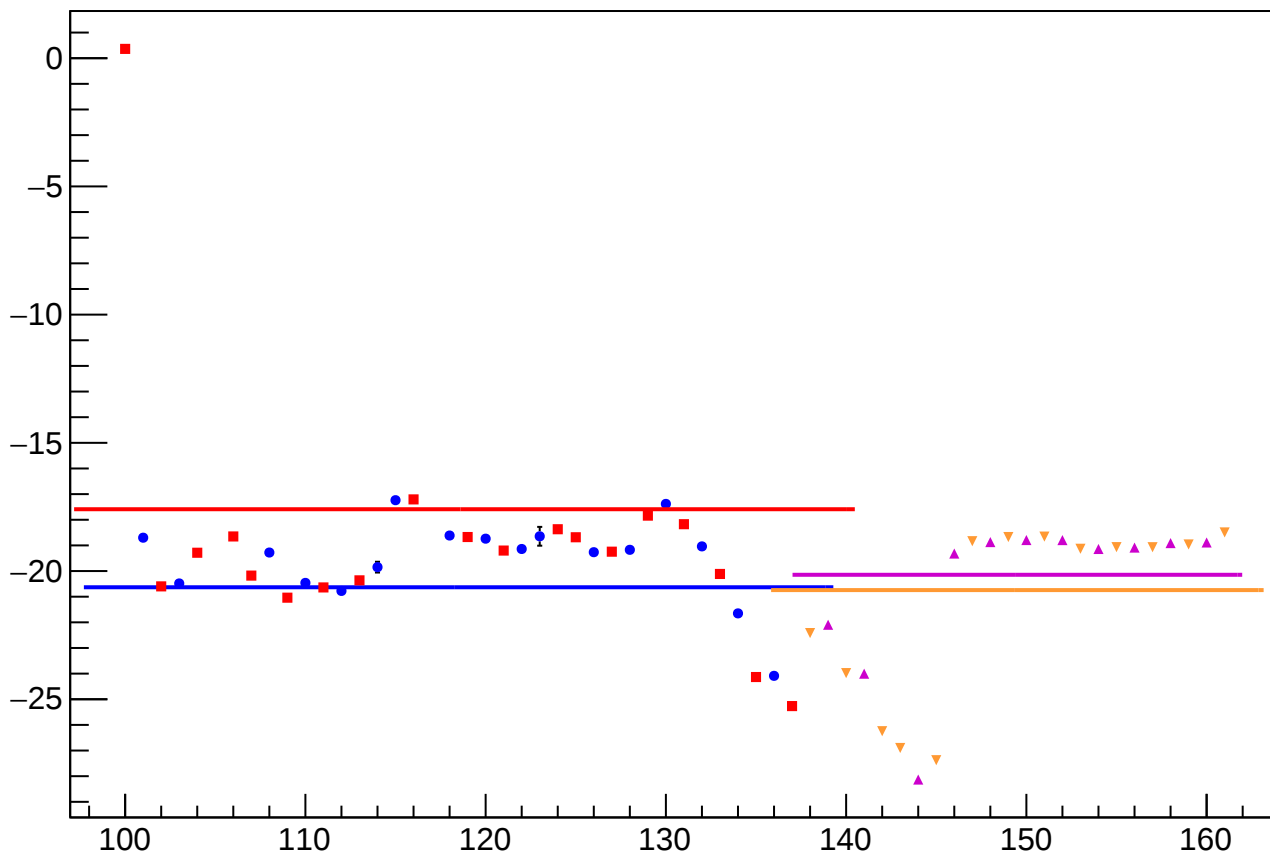
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 5.986 ± 0.200 $\chi^2/\text{NDF}: 773.0/27$

Out: 5.918 ± 0.194 $\chi^2/\text{NDF}: 1017.8/31$

All: 5.951 ± 0.139 $\chi^2/\text{NDF}: 1790.8/59$

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: -20.743 ± 0.011 $\chi^2/\text{NDF}: 75790.2/12$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.146 ± 0.011 $\chi^2/\text{NDF}: 46248.9/10$

Left: -20.453 ± 0.008 $\chi^2/\text{NDF}: 123426.7/23$

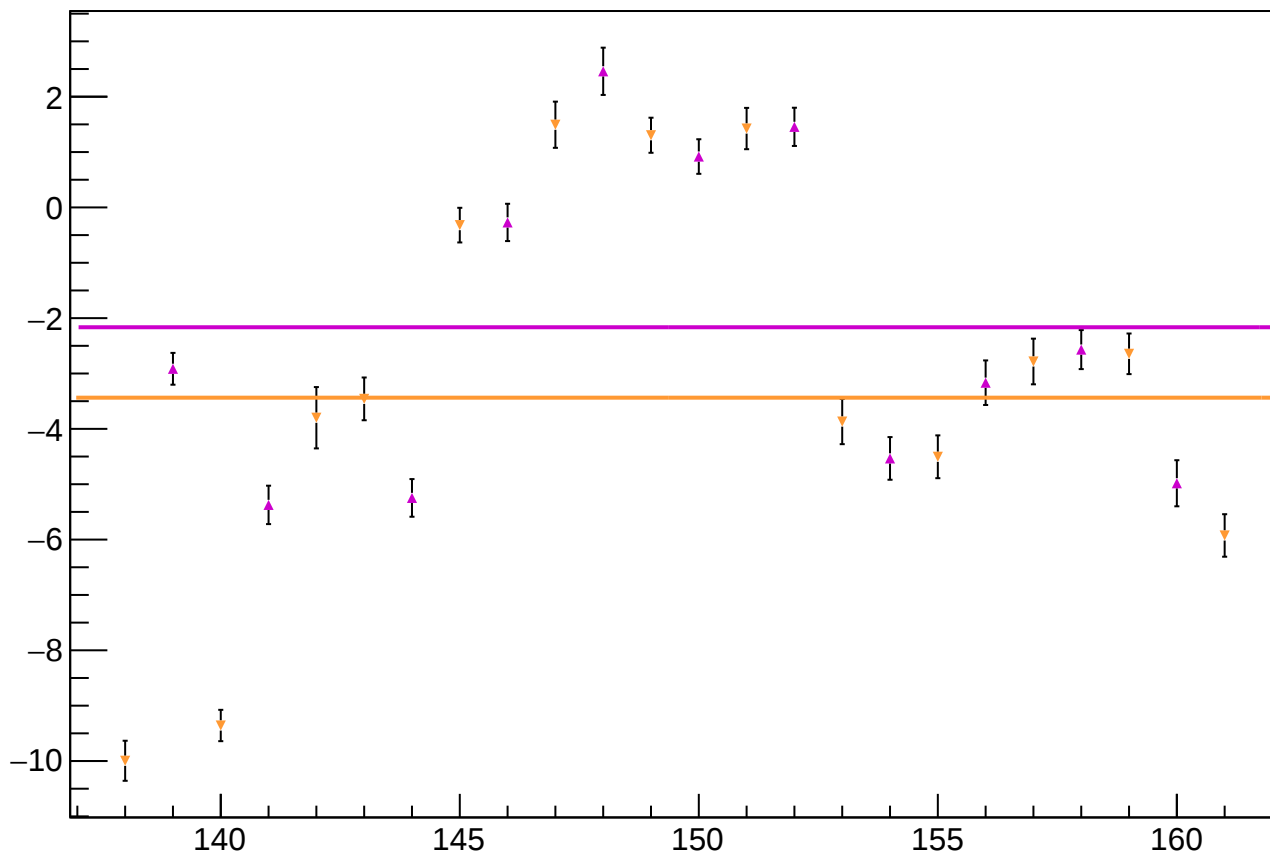
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.273 ± 0.010 $\chi^2/\text{NDF}: 59260.8/27$

Out: -19.868 ± 0.009 $\chi^2/\text{NDF}: 276607.0/31$

All: -20.062 ± 0.007 $\chi^2/\text{NDF}: 336745.1/59$

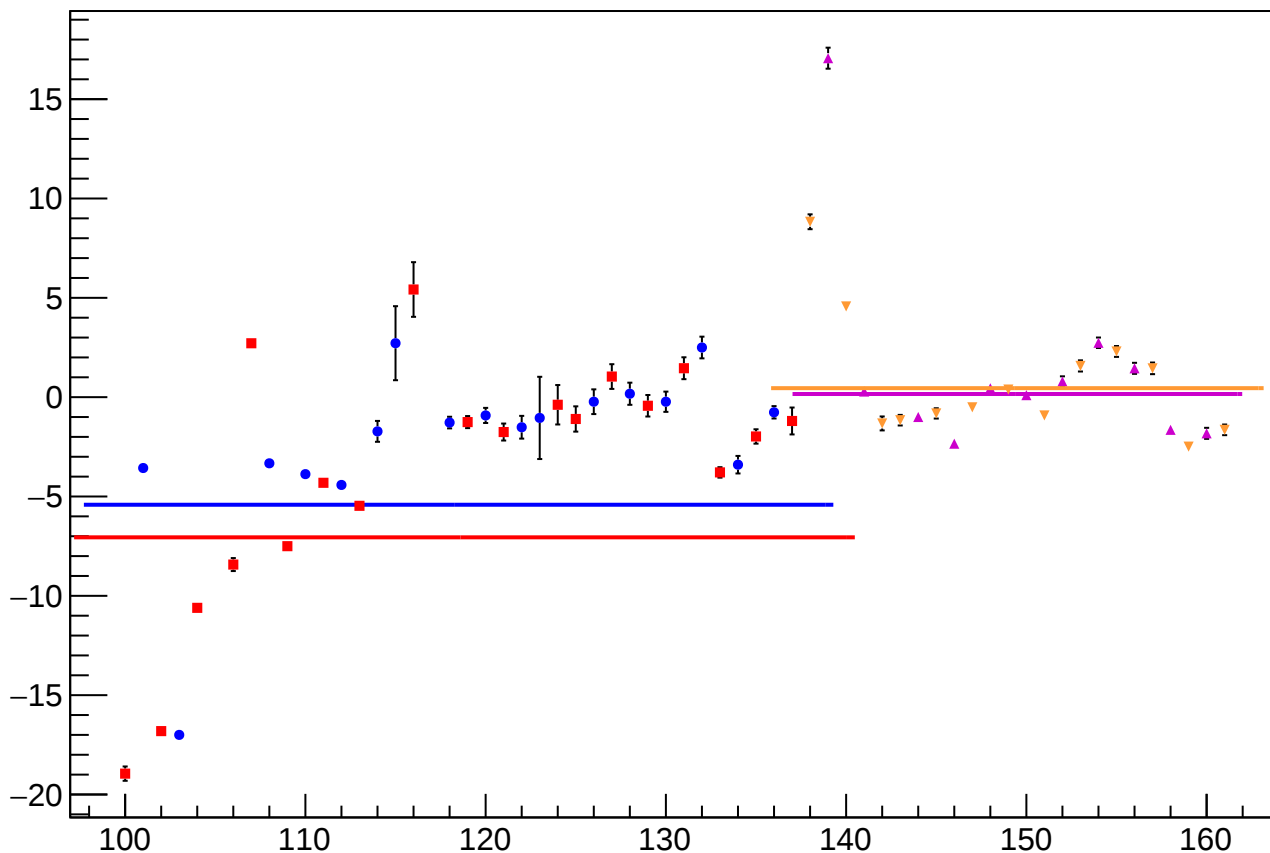
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -3.437 ± 0.102 $\chi^2/\text{NDF}: 1457.6/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.165 ± 0.106 $\chi^2/\text{NDF}: 621.9/10$

Left: -2.826 ± 0.074 $\chi^2/\text{NDF}: 2154.2/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.165 ± 0.106 $\chi^2/\text{NDF}: 621.9/10$
 Out: -3.437 ± 0.102 $\chi^2/\text{NDF}: 1457.6/12$
 All: -2.826 ± 0.074 $\chi^2/\text{NDF}: 2154.2/23$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 0.453 ± 0.071 $\chi^2/\text{NDF}: 1224.4/12$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 0.159 ± 0.076 $\chi^2/\text{NDF}: 1412.0/10$

Left: 0.315 ± 0.052 $\chi^2/\text{NDF}: 2644.4/23$

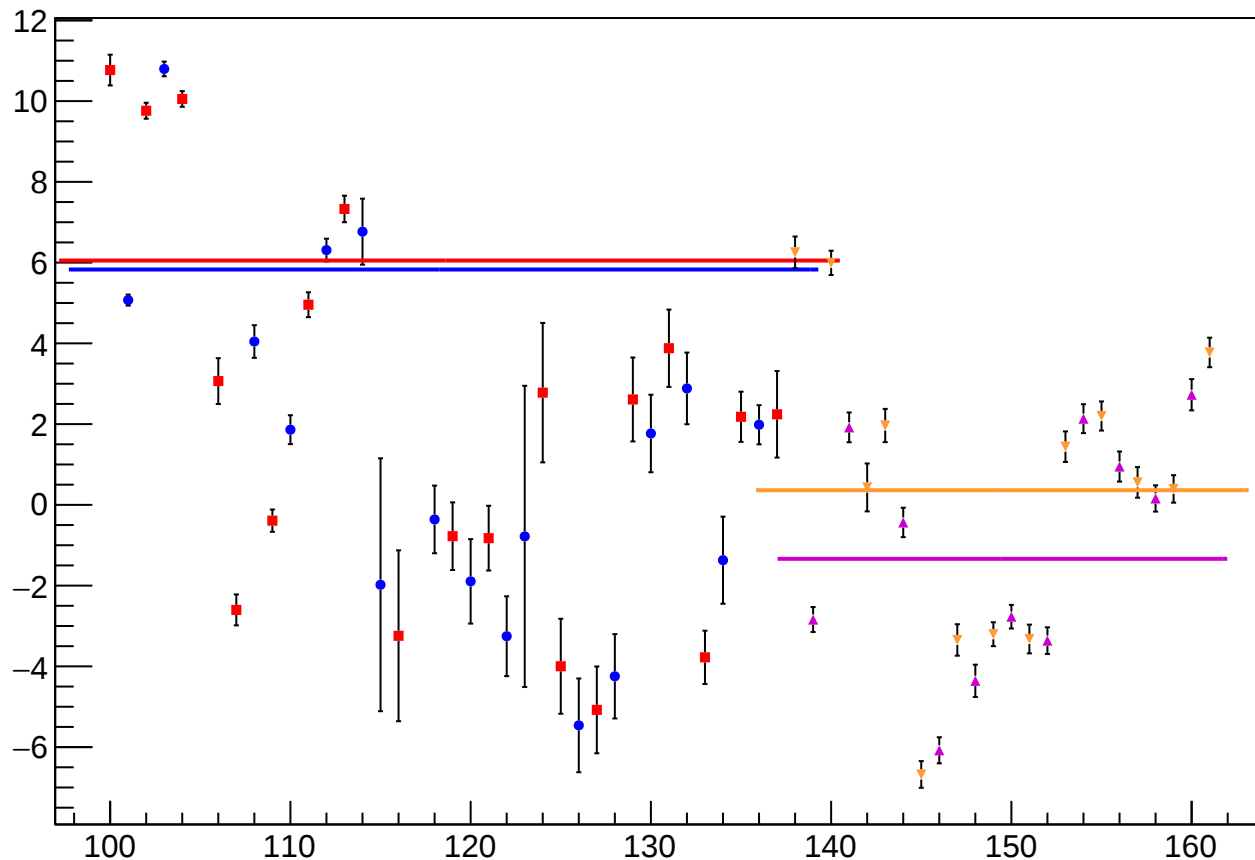
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -3.495 ± 0.044 $\chi^2/\text{NDF}: 14236.3/27$

Out: -3.988 ± 0.045 $\chi^2/\text{NDF}: 20172.5/31$

All: -3.736 ± 0.032 $\chi^2/\text{NDF}: 34469.1/59$

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: 0.363 ± 0.101 $\chi^2/\text{NDF}: 1506.9/12$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -1.336 ± 0.104 $\chi^2/\text{NDF}: 704.5/10$

Left: -0.461 ± 0.072 $\chi^2/\text{NDF}: 2350.0/23$

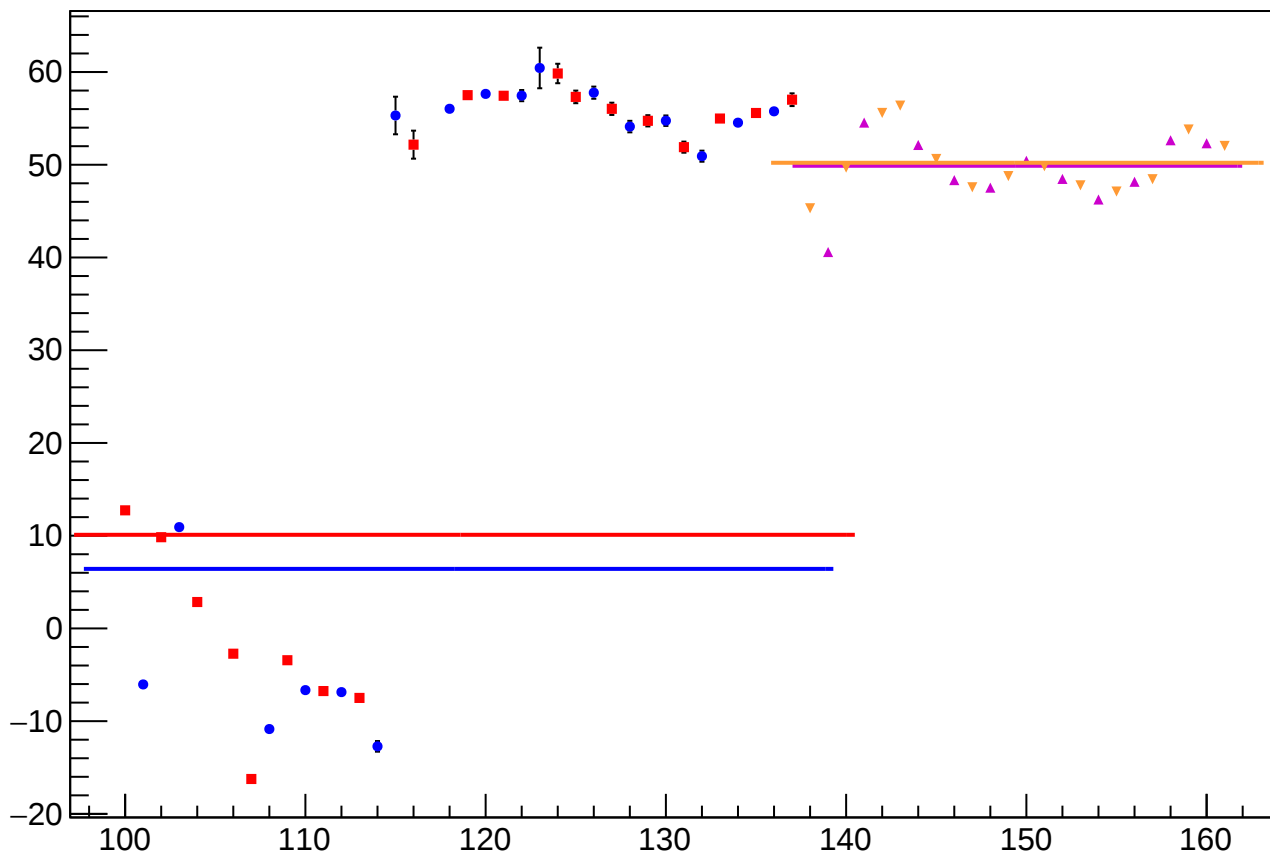
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.764 ± 0.068 $\chi^2/\text{NDF}: 4887.4/27$

Out: 3.419 ± 0.068 $\chi^2/\text{NDF}: 5901.2/31$

All: 3.088 ± 0.048 $\chi^2/\text{NDF}: 10834.9/59$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.214 ± 0.084 χ^2/NDF : 1206.0/12

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.890 ± 0.089 χ^2/NDF : 1114.6/10

Left: 50.061 ± 0.061 χ^2/NDF : 2327.6/23

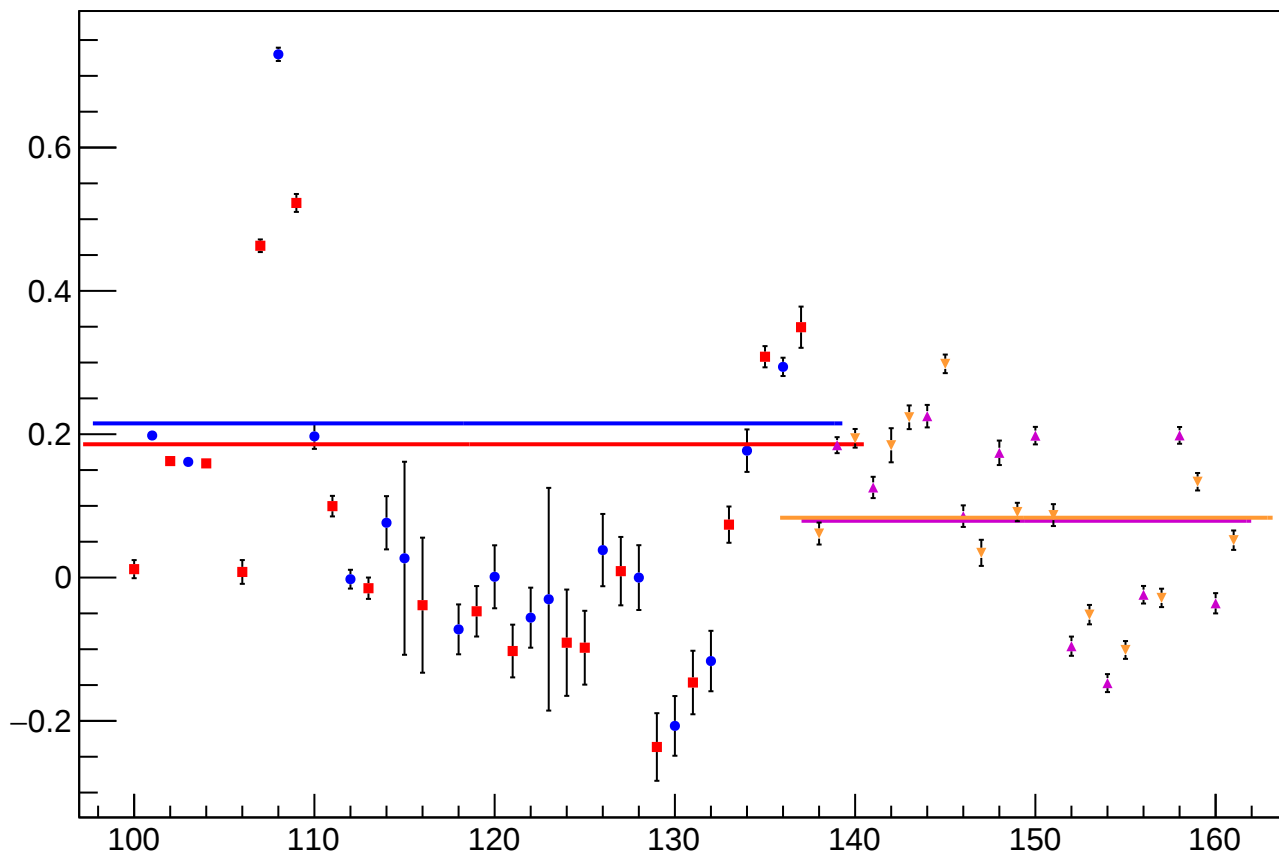
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 21.551 ± 0.052 χ^2/NDF : 281186.9/27

Out: 26.480 ± 0.054 χ^2/NDF : 258586.0/31

All: 23.953 ± 0.037 χ^2/NDF : 544106.3/59

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.083 ± 0.004 $\chi^2/\text{NDF}: 865.1/12$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.079 ± 0.004 $\chi^2/\text{NDF}: 1048.7/10$

Left: 0.081 ± 0.003 $\chi^2/\text{NDF}: 1914.4/23$

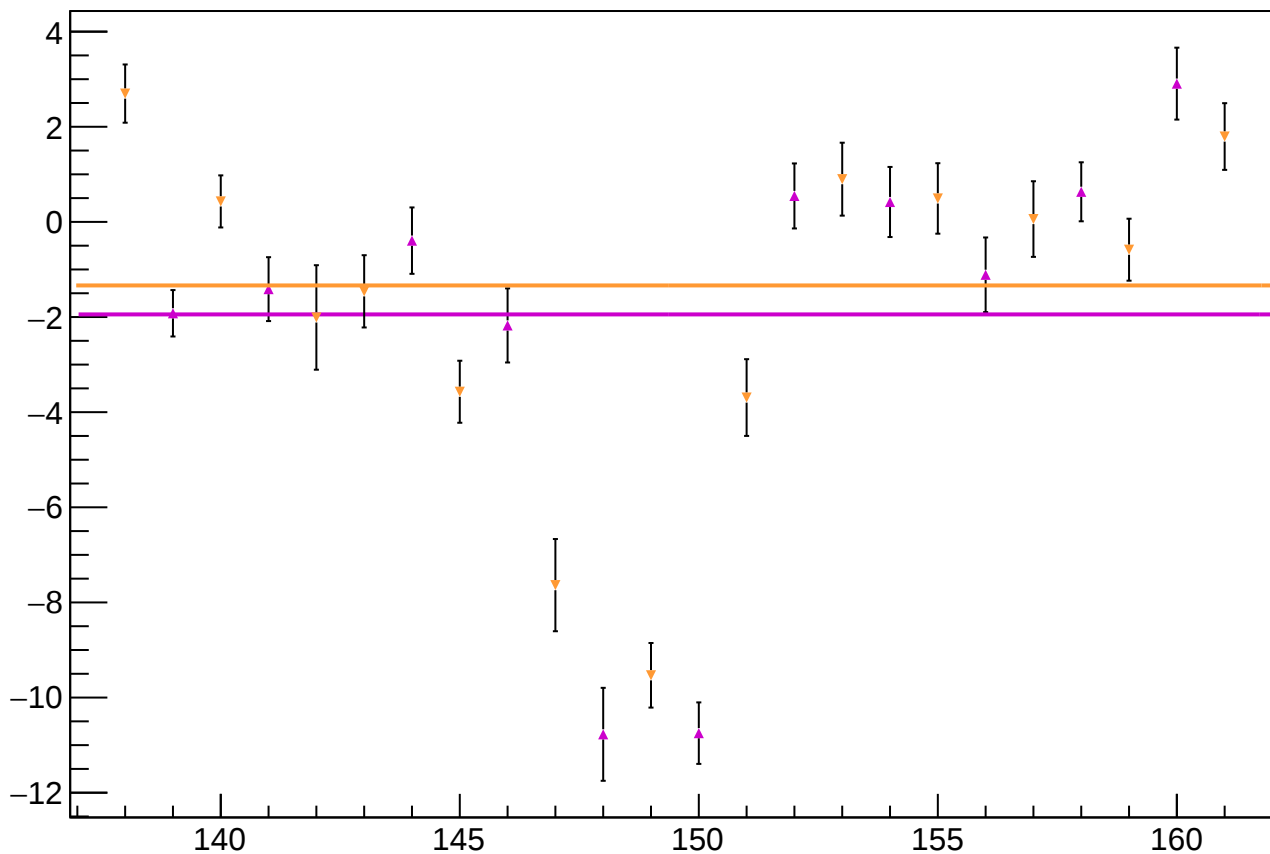
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.171 ± 0.002 $\chi^2/\text{NDF}: 5752.4/27$

Out: 0.153 ± 0.002 $\chi^2/\text{NDF}: 4049.6/31$

All: 0.162 ± 0.002 $\chi^2/\text{NDF}: 9834.3/59$

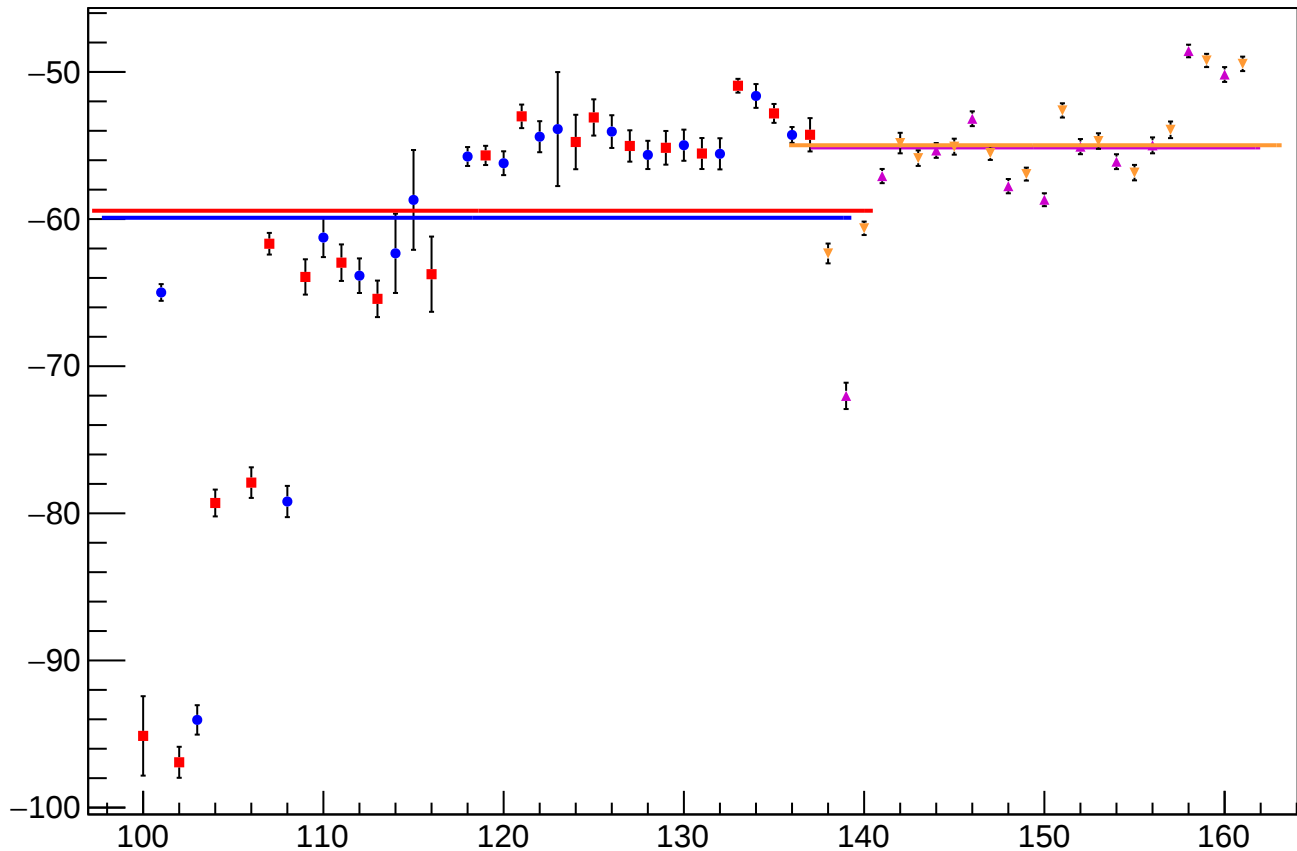
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.945+/-0.206 χ^2/NDF :355.9/10

Left: -1.630+/-0.143 χ^2/NDF : 661.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.945+/-0.206 χ^2/NDF :355.9/10
 Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 All: -1.630+/-0.143 χ^2/NDF : 661.8/23

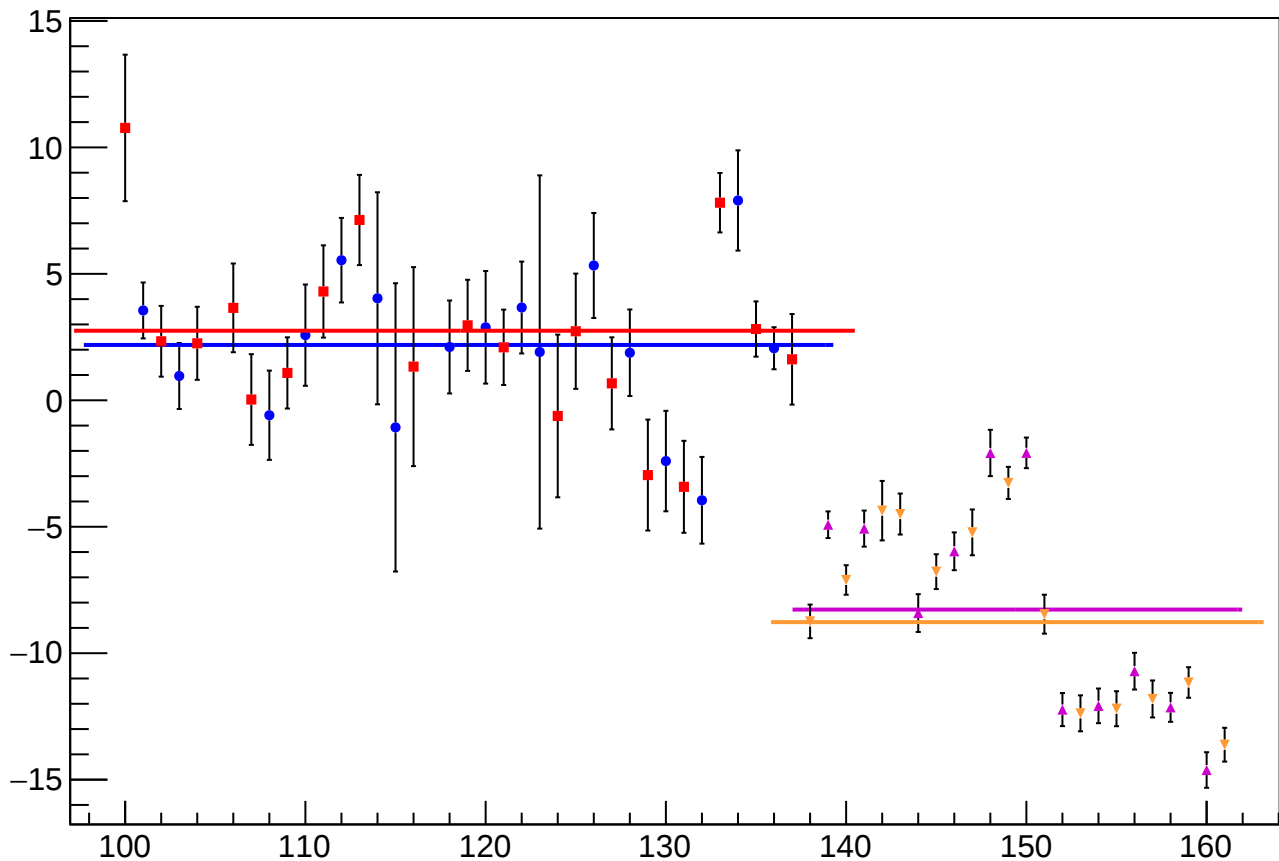
reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16
 Left Out: -54.982 ± 0.142 χ^2/NDF : 626.5/12
 Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18
 Left In: -55.131 ± 0.152 χ^2/NDF : 815.7/10

Left: -55.051 ± 0.104 χ^2/NDF : 1442.7/23
 Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35
 In: -56.645 ± 0.126 χ^2/NDF : 3109.8/27
 Out: -56.367 ± 0.118 χ^2/NDF : 3849.9/31
 All: -56.497 ± 0.086 χ^2/NDF : 6962.3/59

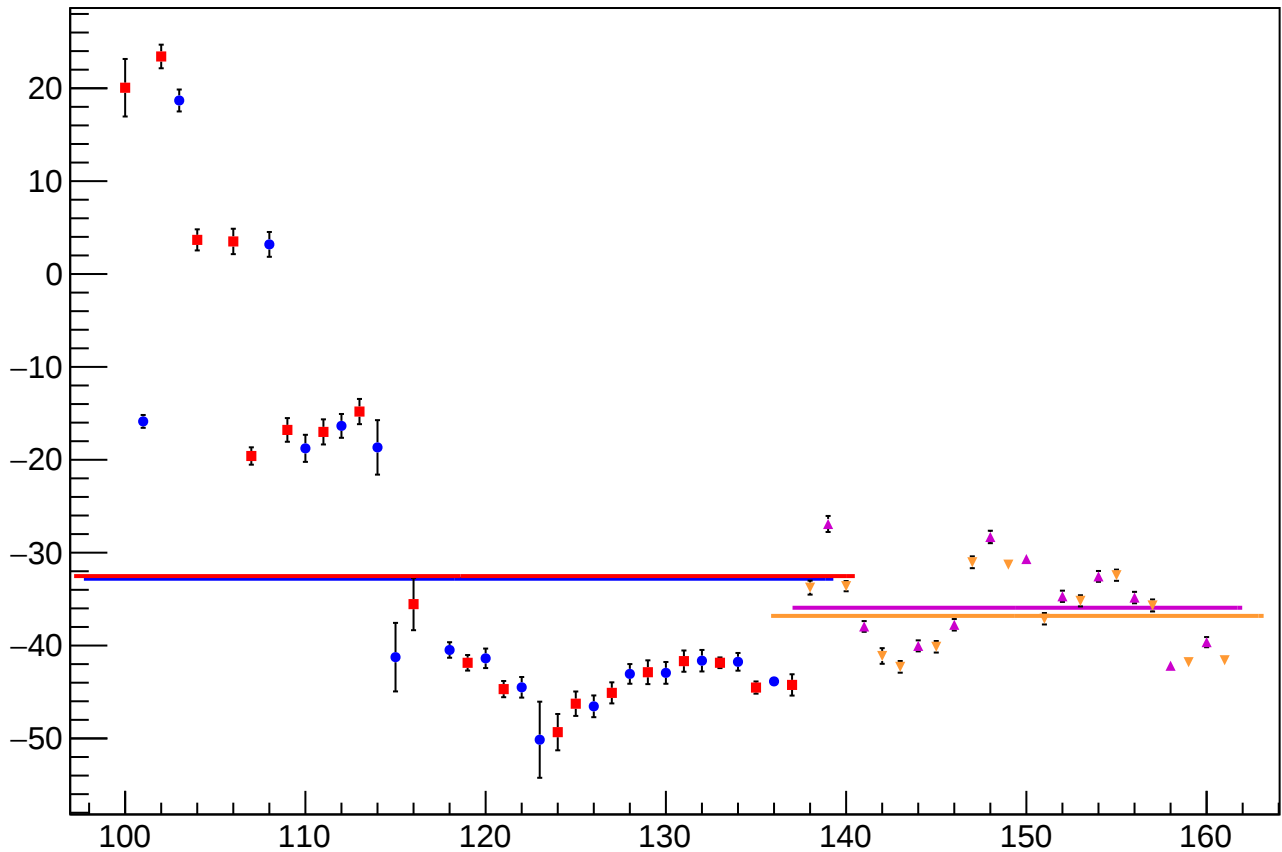
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189+/-0.405 χ^2/NDF : 39.1/16
 Left Out: -8.771+/-0.197 χ^2/NDF : 284.8/12
 Right Out: 2.751+/-0.387 χ^2/NDF : 58.6/18
 Left In: -8.275+/-0.202 χ^2/NDF : 426.5/10

Left: -8.530+/-0.141 χ^2/NDF : 714.3/23
 Right: 2.482+/-0.280 χ^2/NDF : 98.7/35
 In: -6.186+/-0.181 χ^2/NDF : 1001.0/27
 Out: -6.410+/-0.175 χ^2/NDF : 1046.8/31
 All: -6.302+/-0.126 χ^2/NDF : 2048.6/59

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -36.807 ± 0.166 χ^2/NDF : 629.1/12

Right Out: -32.522 ± 0.244 χ^2/NDF : 6040.2/18

Left In: -35.930 ± 0.176 χ^2/NDF : 691.5/10

Left: -36.394 ± 0.121 χ^2/NDF : 1333.8/23

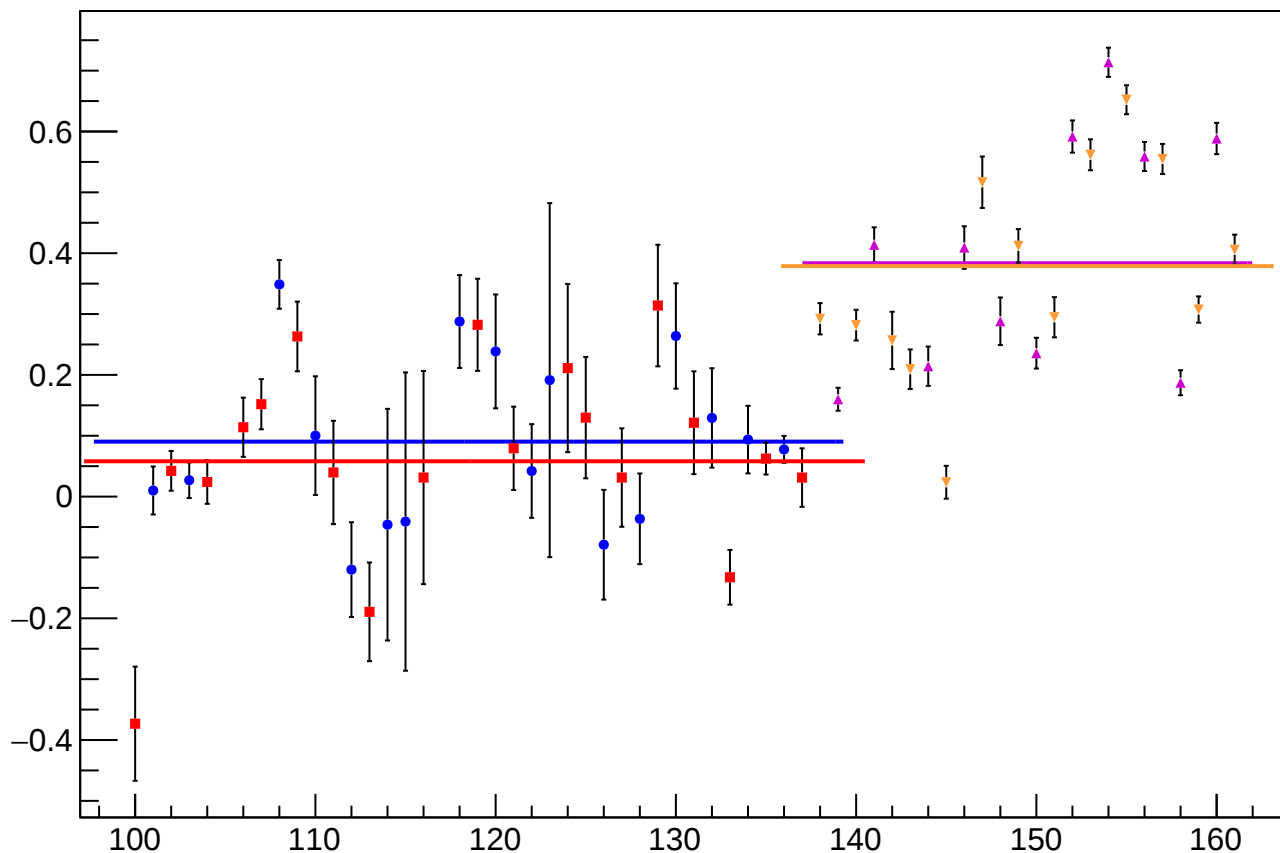
Right: -32.658 ± 0.176 χ^2/NDF : 10703.7/35

In: -34.921 ± 0.145 χ^2/NDF : 5456.5/27

Out: -35.449 ± 0.137 χ^2/NDF : 6880.6/31

All: -35.199 ± 0.100 χ^2/NDF : 12344.1/59

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: 0.379 ± 0.008 $\chi^2/\text{NDF}: 498.1/12$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.383 ± 0.008 $\chi^2/\text{NDF}: 669.6/10$

Left: 0.381 ± 0.005 $\chi^2/\text{NDF}: 1167.8/23$

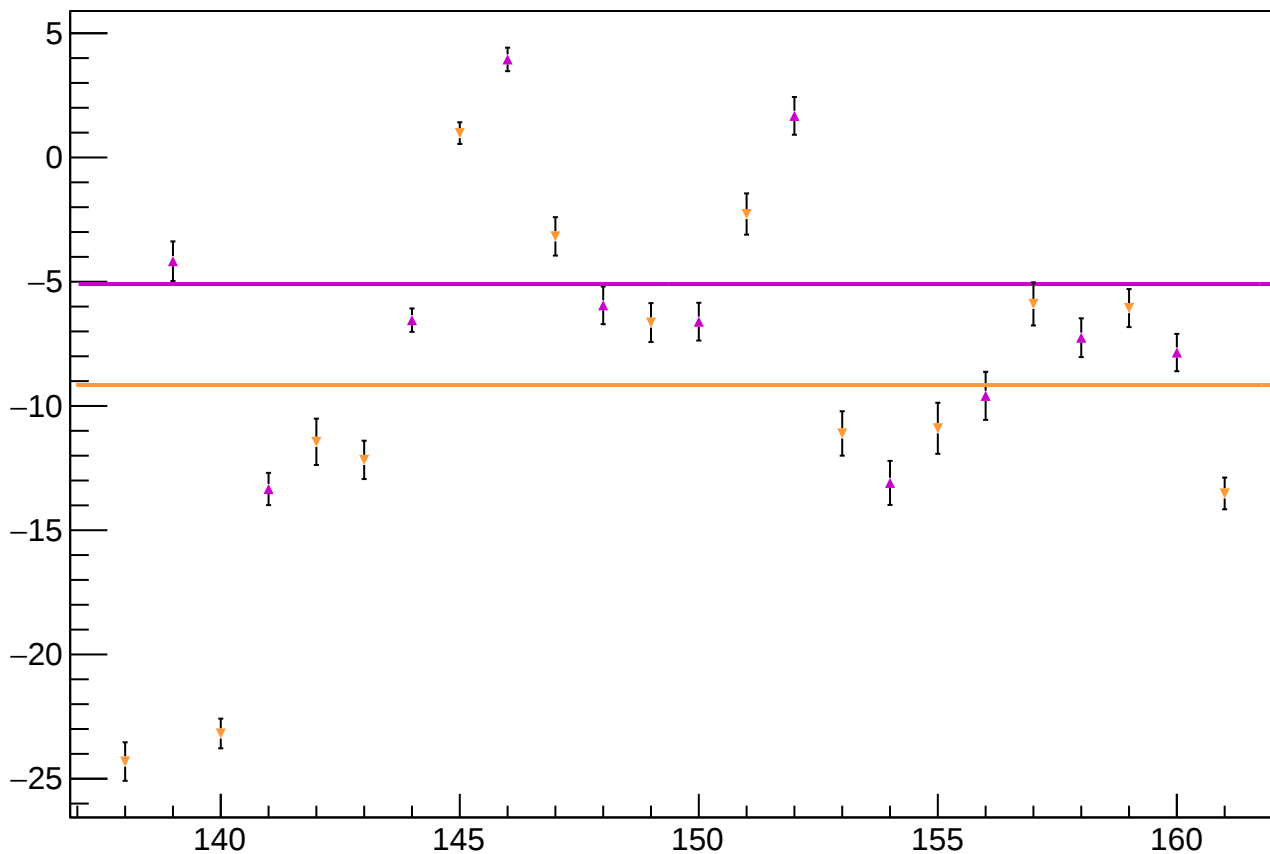
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.305 ± 0.007 $\chi^2/\text{NDF}: 1137.0/27$

Out: 0.289 ± 0.006 $\chi^2/\text{NDF}: 1087.0/31$

All: 0.296 ± 0.005 $\chi^2/\text{NDF}: 2227.1/59$

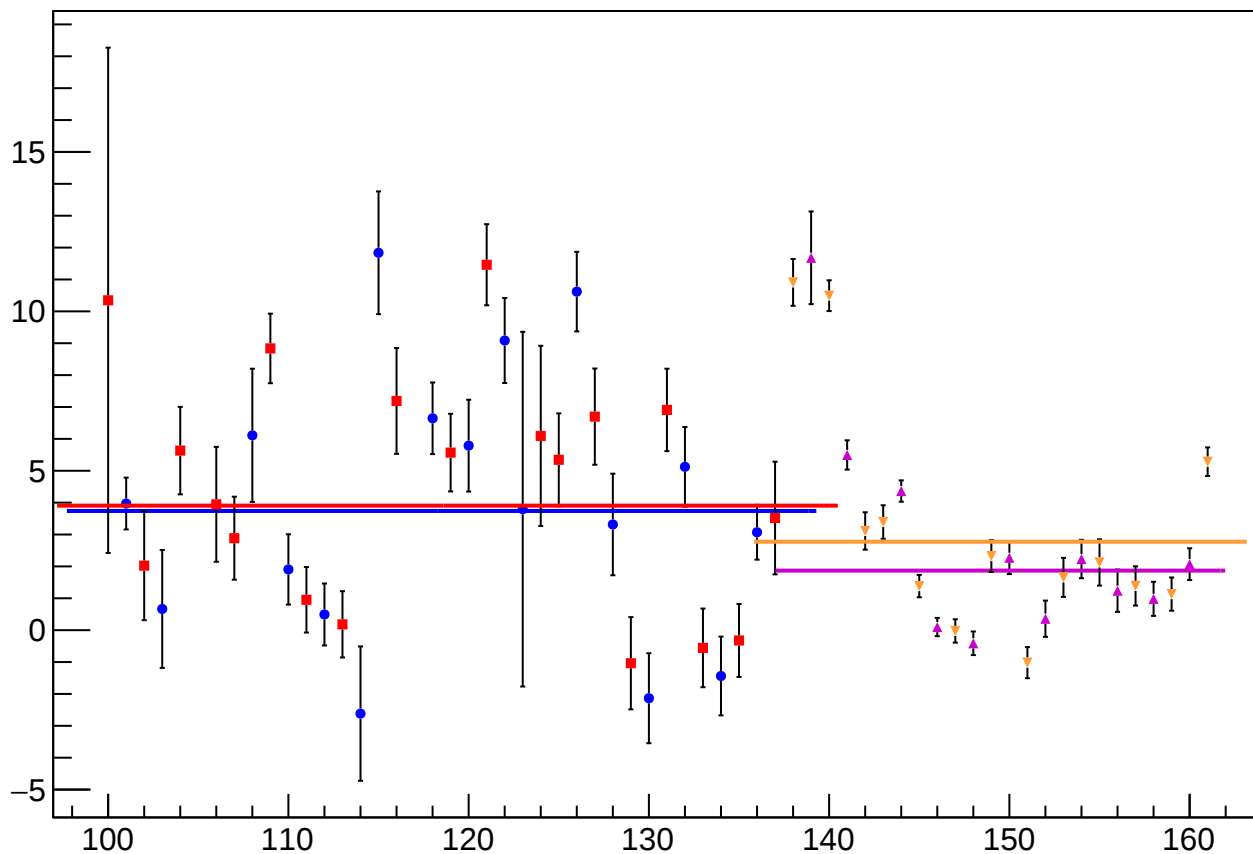
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.157 ± 0.200 $\chi^2/\text{NDF}: 1720.4/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -5.093 ± 0.205 $\chi^2/\text{NDF}: 747.1/10$

Left: -7.172 ± 0.143 $\chi^2/\text{NDF}: 2669.3/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -5.093 ± 0.205 $\chi^2/\text{NDF}: 747.1/10$
 Out: -9.157 ± 0.200 $\chi^2/\text{NDF}: 1720.4/12$
 All: -7.172 ± 0.143 $\chi^2/\text{NDF}: 2669.3/23$

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: 2.775 ± 0.138 χ^2/NDF : 566.2/12

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 1.868 ± 0.137 χ^2/NDF : 251.5/10

Left: 2.318 ± 0.097 χ^2/NDF : 839.3/23

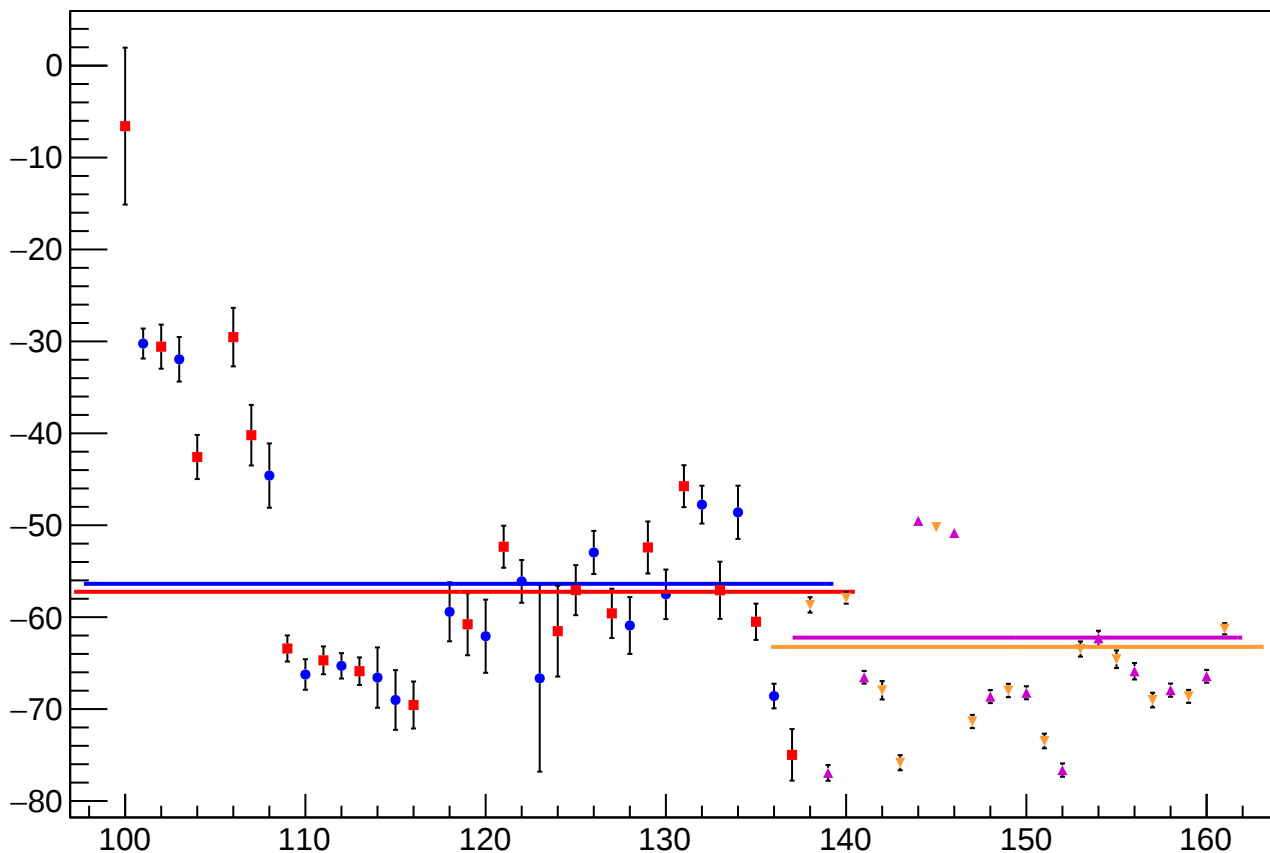
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 2.176 ± 0.125 χ^2/NDF : 418.9/27

Out: 2.956 ± 0.127 χ^2/NDF : 712.4/31

All: 2.563 ± 0.089 χ^2/NDF : 1150.5/59

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: -63.235 ± 0.199 χ^2/NDF : 1602.9/12

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -62.224 ± 0.201 χ^2/NDF : 2254.0/10

Left: -62.734 ± 0.142 χ^2/NDF : 3869.6/23

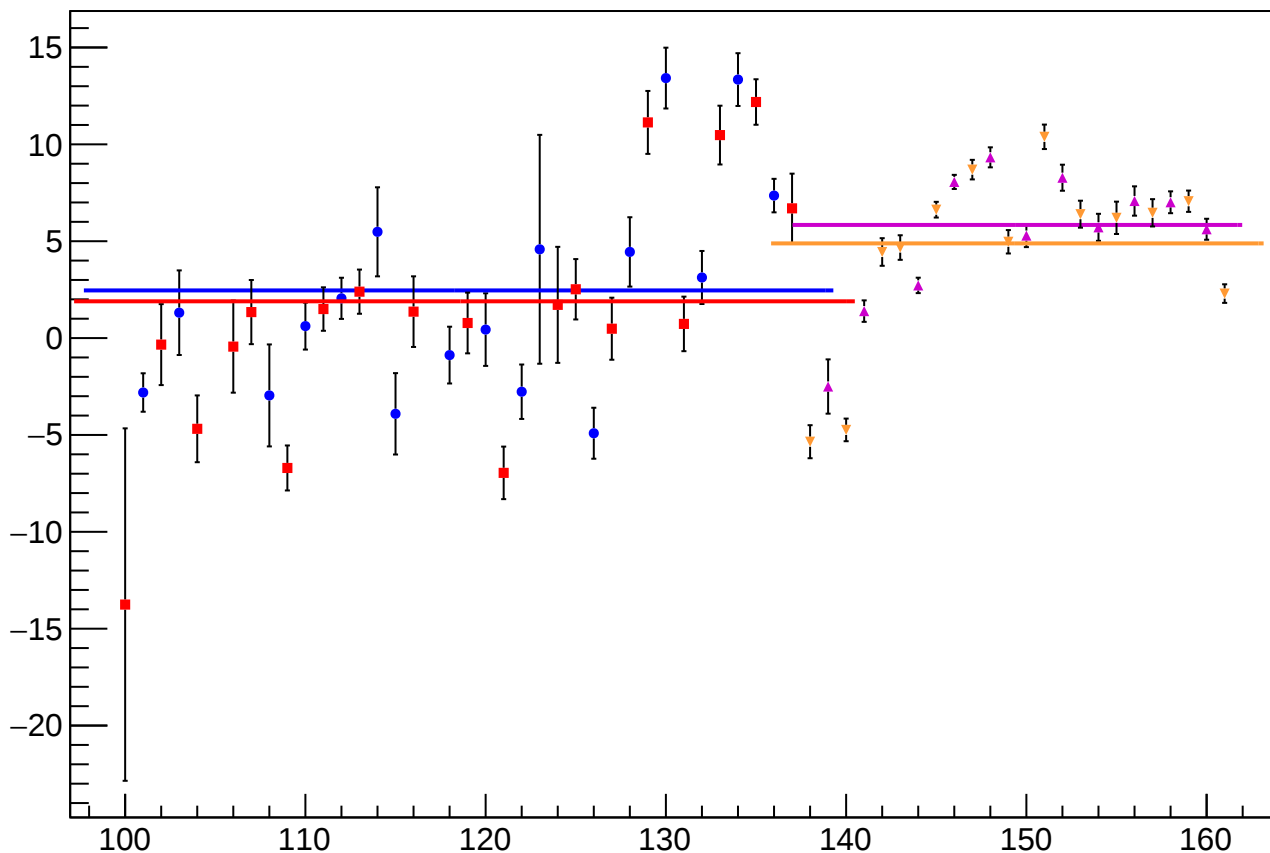
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -61.519 ± 0.188 χ^2/NDF : 2943.7/27

Out: -62.506 ± 0.187 χ^2/NDF : 2189.1/31

All: -62.017 ± 0.133 χ^2/NDF : 5146.7/59

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: 4.887 $\pm$ 0.164 χ^2 /NDF:624.4/12

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 5.840 $\pm$ 0.165 χ^2 /NDF:265.2/10

Left: 5.361 $\pm$ 0.116 χ^2 /NDF: 906.4/23

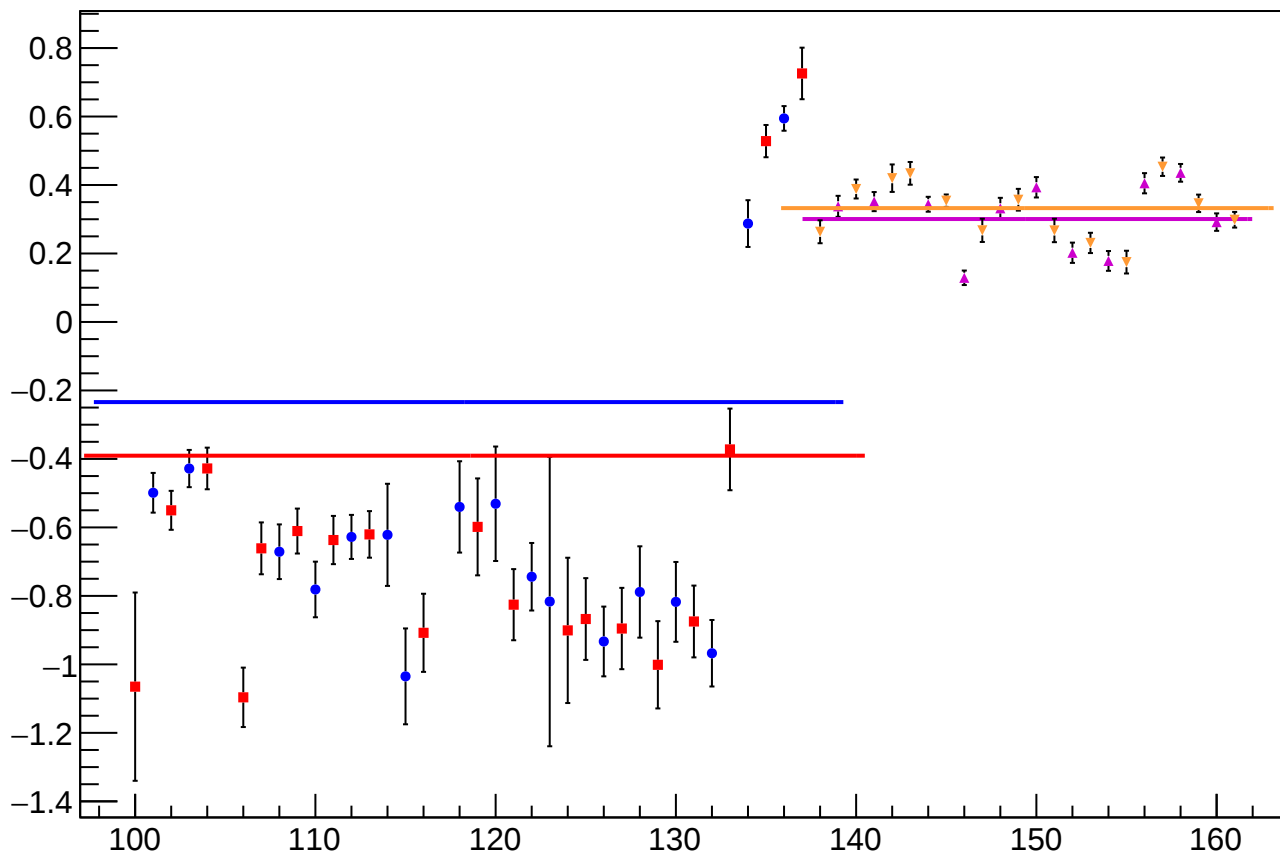
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 5.215 $\pm$ 0.149 χ^2 /NDF:586.9/27

Out: 4.361 $\pm$ 0.149 χ^2 /NDF:950.9/31

All: 4.788 $\pm$ 0.105 χ^2 /NDF: 1554.3/59

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: 0.333 ± 0.008 χ^2/NDF : 88.8/12

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.301 ± 0.008 χ^2/NDF : 154.0/10

Left: 0.317 ± 0.006 χ^2/NDF : 250.8/23

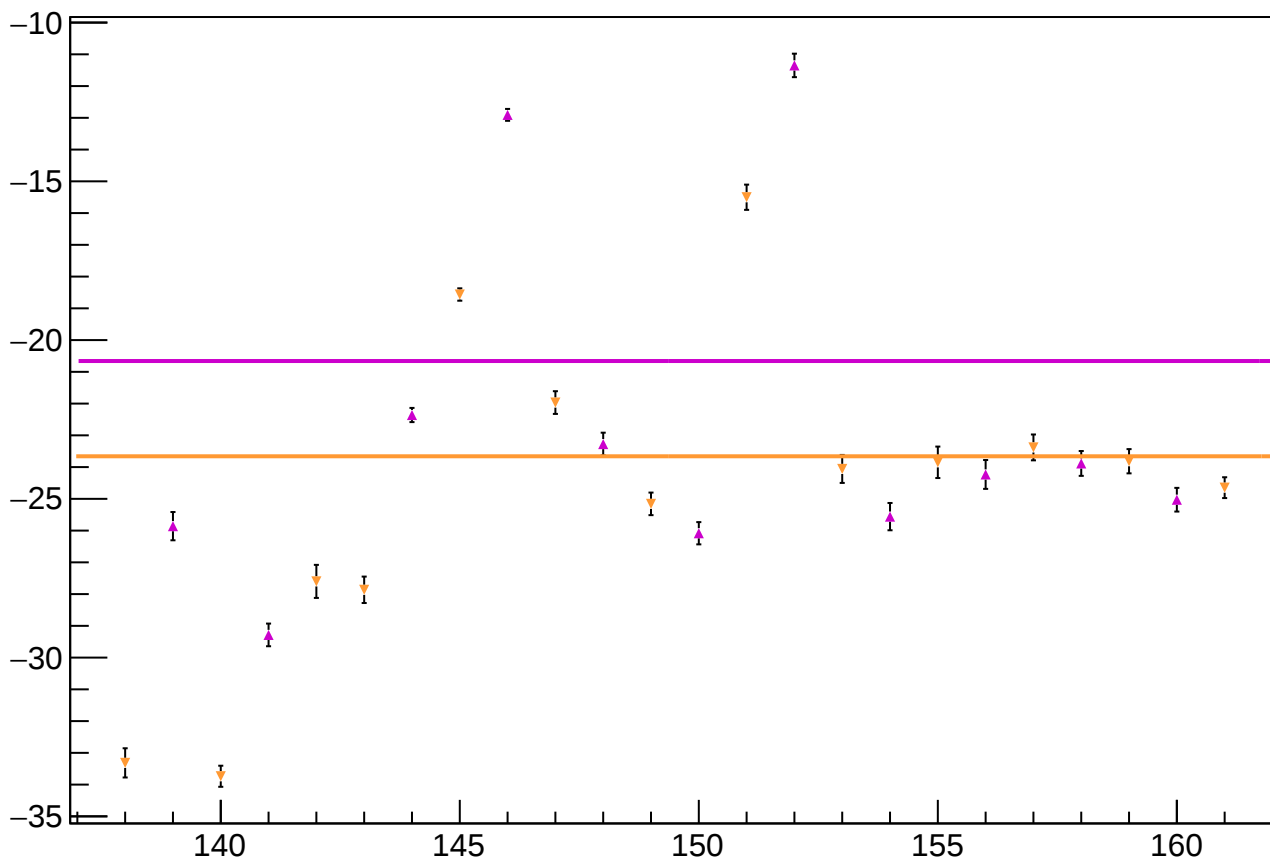
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.218 ± 0.007 χ^2/NDF : 1789.7/27

Out: 0.227 ± 0.007 χ^2/NDF : 2184.3/31

All: 0.223 ± 0.005 χ^2/NDF : 3974.7/59

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.660+/-0.098 χ^2/NDF : 2677.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.659+/-0.096 χ^2/NDF : 3812.8/10

Left: -22.121+/-0.069 χ^2/NDF : 6966.4/23

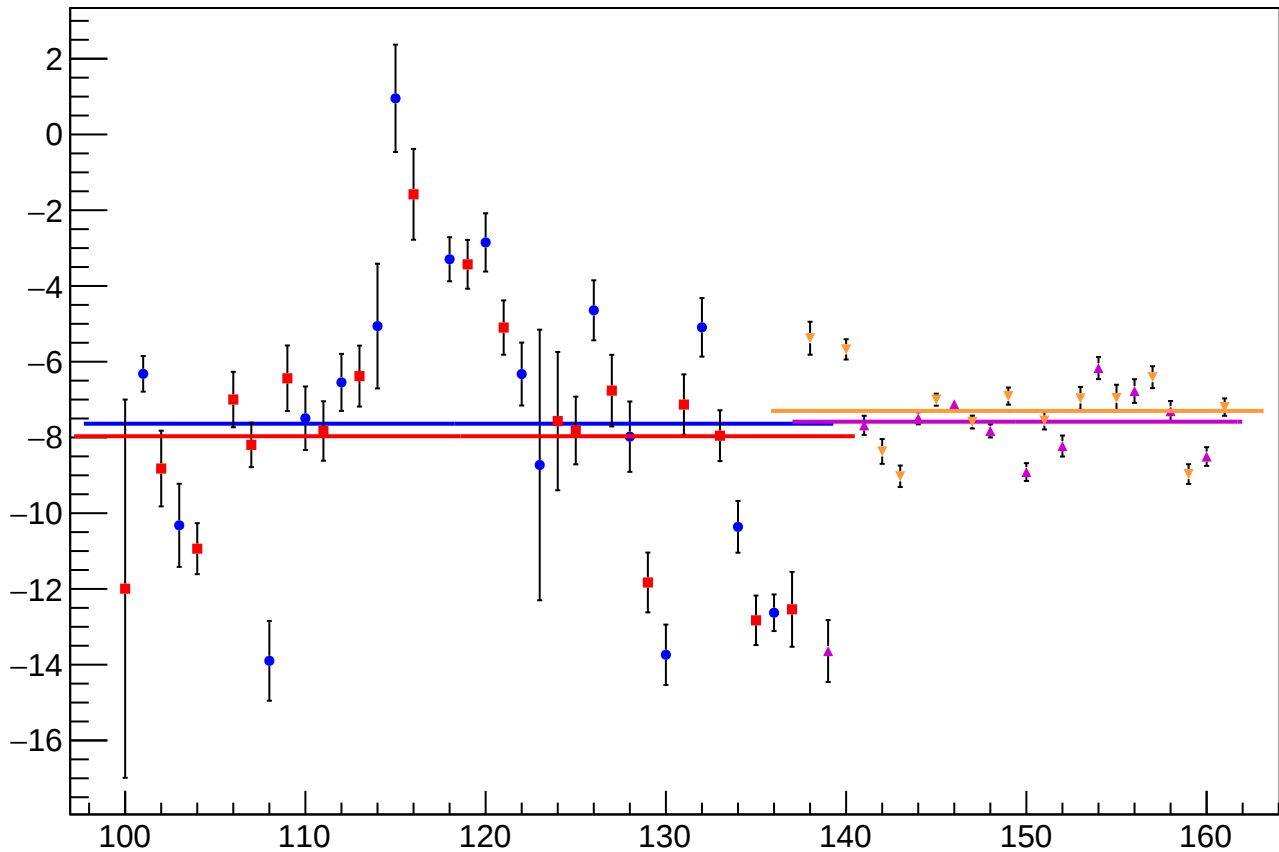
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.659+/-0.096 χ^2/NDF : 3812.8/10

Out: -23.660+/-0.098 χ^2/NDF : 2677.4/12

All: -22.121+/-0.069 χ^2/NDF : 6966.4/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.299 ± 0.068 χ^2/NDF : 167.5/12

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.584 ± 0.064 χ^2/NDF : 155.3/10

Left: -7.450 ± 0.046 χ^2/NDF : 332.2/23

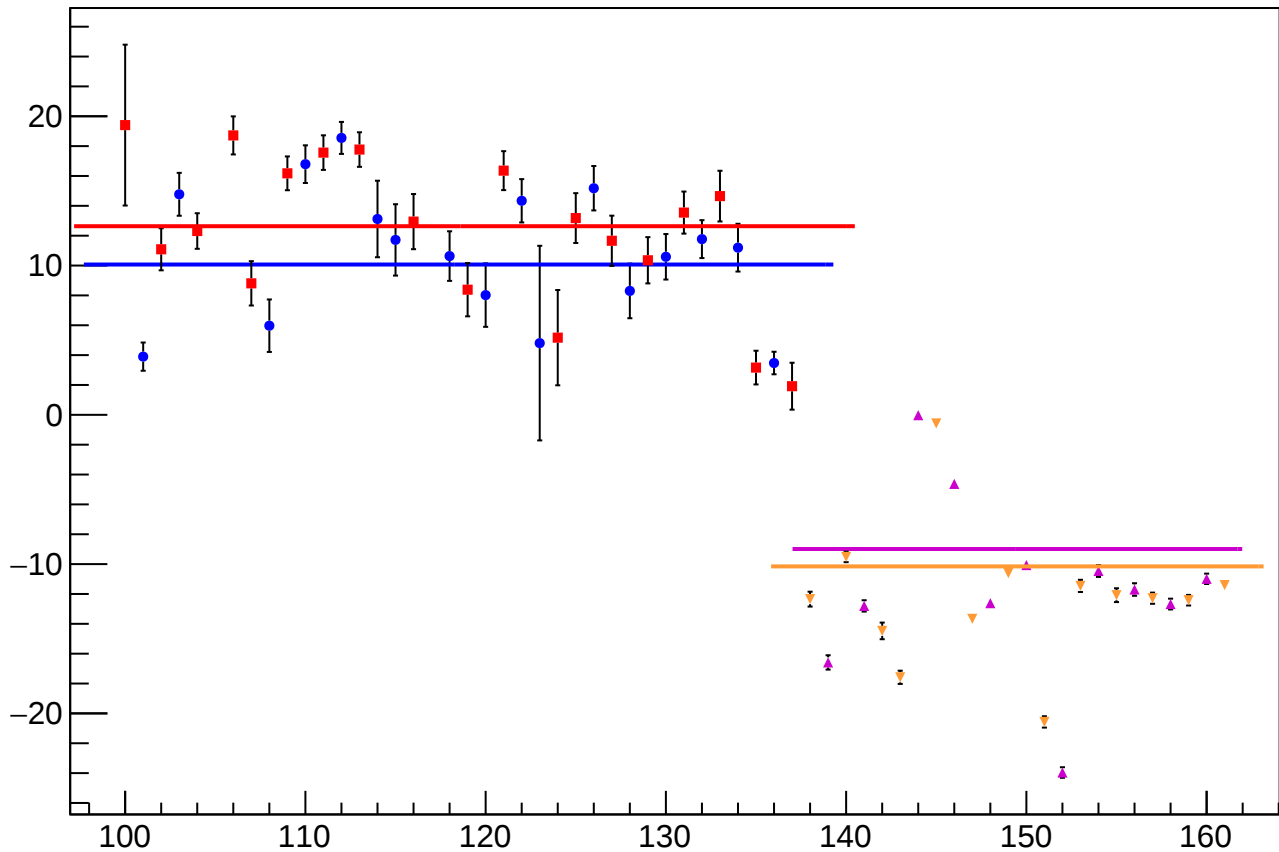
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.589 ± 0.060 χ^2/NDF : 549.4/27

Out: -7.378 ± 0.064 χ^2/NDF : 406.1/31

All: -7.489 ± 0.044 χ^2/NDF : 961.3/59

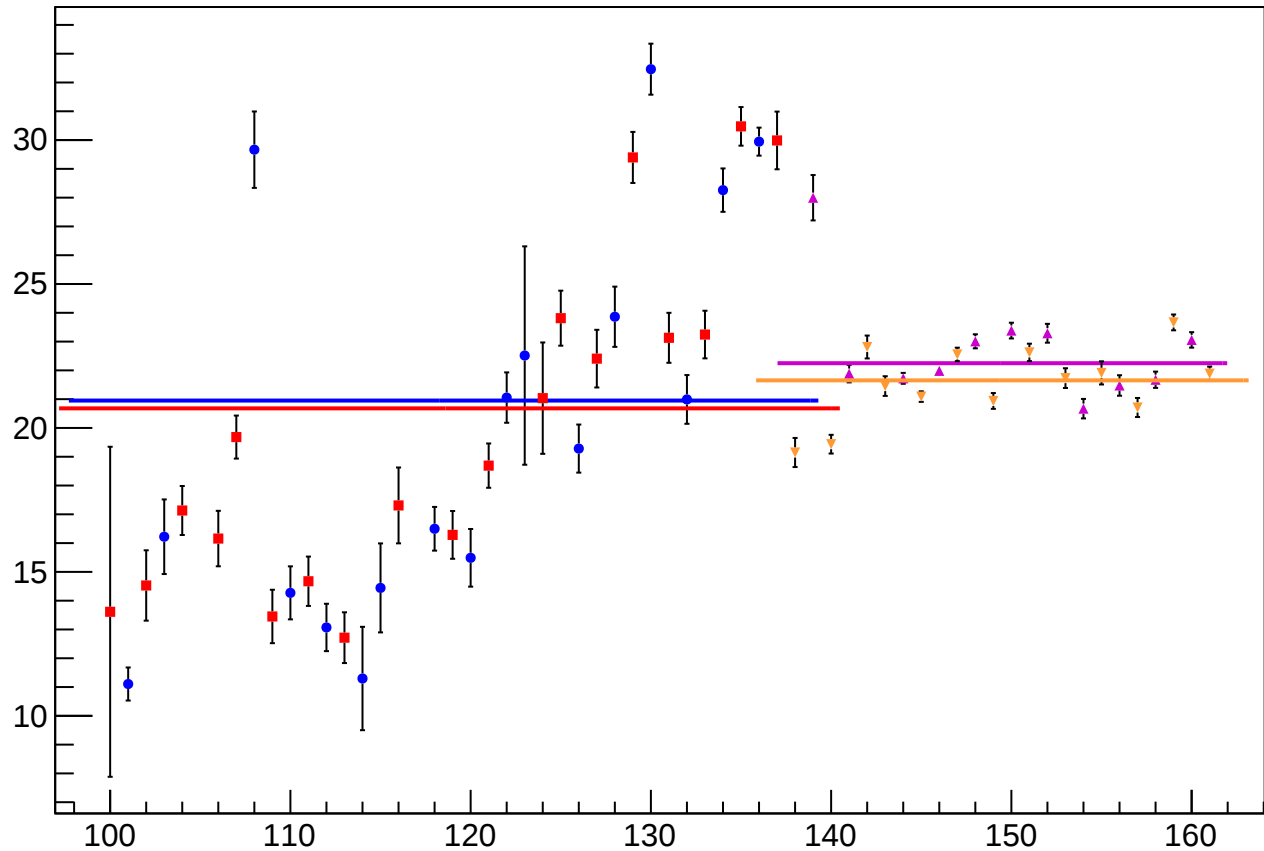
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -10.154 ± 0.098 $\chi^2/\text{NDF}: 3502.1/12$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -8.987 ± 0.094 $\chi^2/\text{NDF}: 4446.1/10$

Left: -9.547 ± 0.068 $\chi^2/\text{NDF}: 8022.3/23$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -7.619 ± 0.090 $\chi^2/\text{NDF}: 7660.0/27$
 Out: -8.342 ± 0.094 $\chi^2/\text{NDF}: 8047.5/31$
 All: -7.967 ± 0.065 $\chi^2/\text{NDF}: 15738.3/59$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.653 $\pm$ 0.081 χ^2 /NDF:184.6/12

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.249 $\pm$ 0.077 χ^2 /NDF:142.2/10

Left: 21.965 $\pm$ 0.056 χ^2 /NDF: 355.6/23

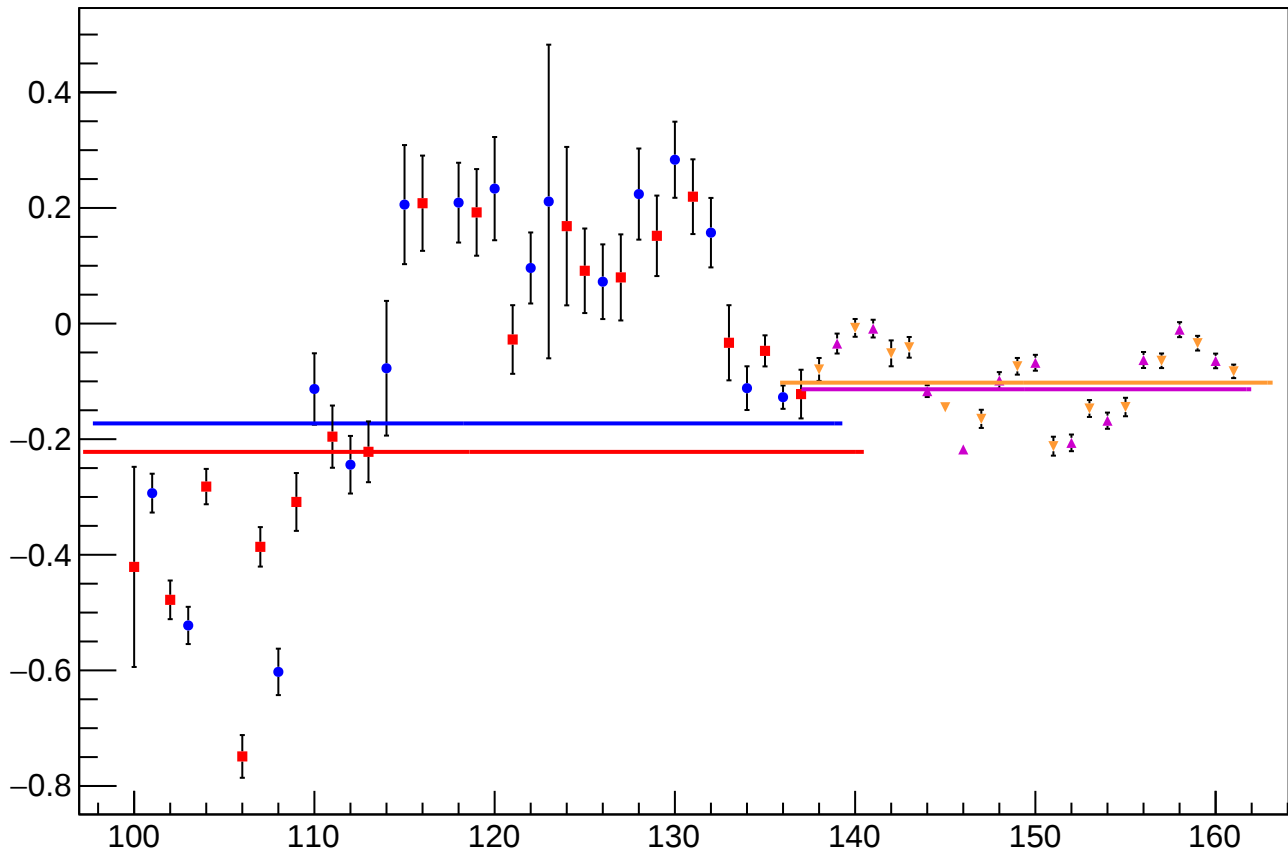
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.096 $\pm$ 0.072 χ^2 /NDF:1398.7/27

Out: 21.531 $\pm$ 0.075 χ^2 /NDF:931.4/31

All: 21.825 $\pm$ 0.052 χ^2 /NDF: 2359.4/59

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: -0.102 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.114 ± 0.004 χ^2/NDF : 380.0/10

Left: -0.108 ± 0.003 χ^2/NDF : 589.7/23

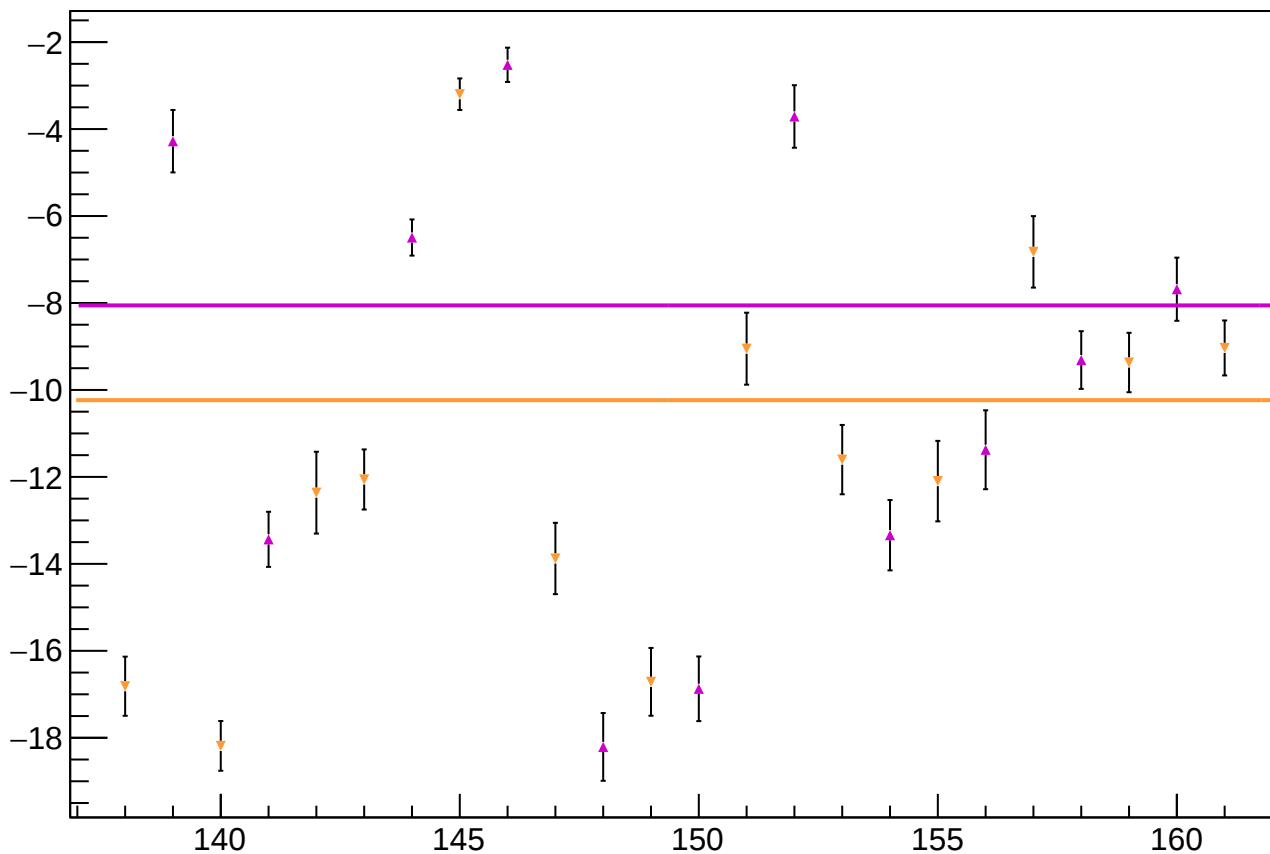
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.120 ± 0.004 χ^2/NDF : 865.2/27

Out: -0.115 ± 0.004 χ^2/NDF : 848.4/31

All: -0.118 ± 0.003 χ^2/NDF : 1714.5/59

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.235+/-0.184 χ^2/NDF : 795.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.056+/-0.186 χ^2/NDF : 717.3/10

Left: -9.156+/-0.131 χ^2/NDF : 1582.1/23

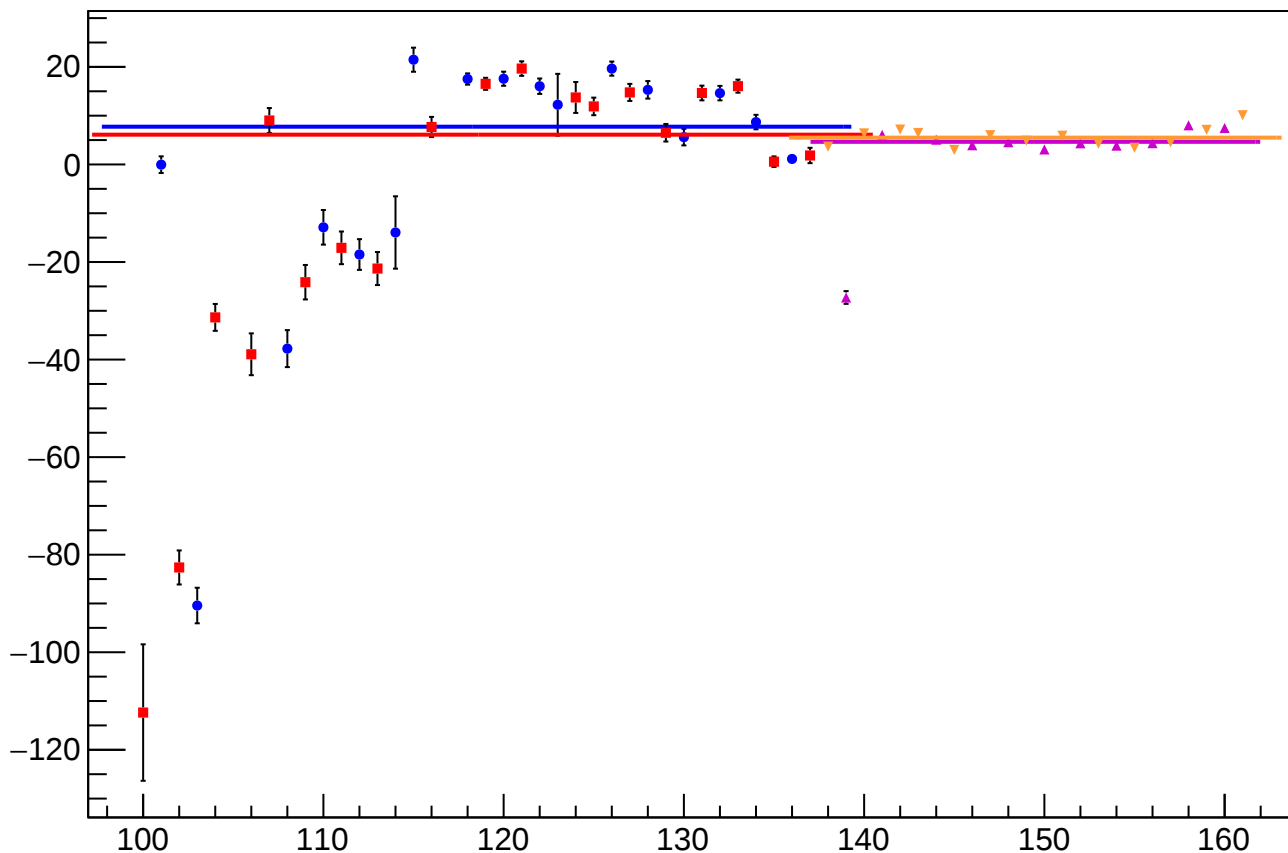
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.056+/-0.186 χ^2/NDF : 717.3/10

Out: -10.235+/-0.184 χ^2/NDF : 795.5/12

All: -9.156+/-0.131 χ^2/NDF : 1582.1/23

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 5.497 ± 0.129 $\chi^2/\text{NDF}: 240.7/12$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 4.639 ± 0.127 $\chi^2/\text{NDF}: 718.9/10$

Left: 5.059 ± 0.091 $\chi^2/\text{NDF}: 981.9/23$

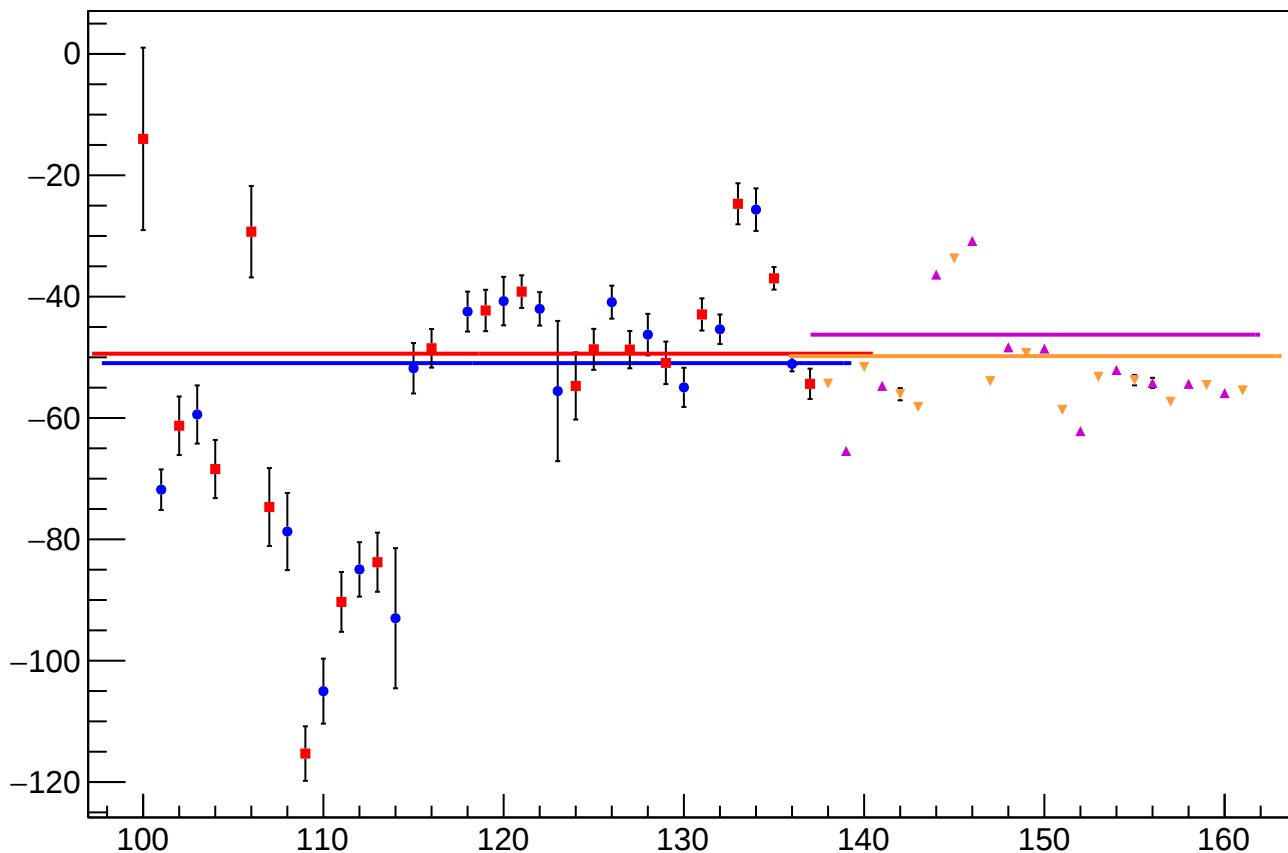
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 4.919 ± 0.121 $\chi^2/\text{NDF}: 2131.7/27$

Out: 5.547 ± 0.124 $\chi^2/\text{NDF}: 1760.2/31$

All: 5.225 ± 0.087 $\chi^2/\text{NDF}: 3905.0/59$

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: -49.802 ± 0.185 χ^2/NDF : 2377.9/12

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -46.264 ± 0.183 χ^2/NDF : 3992.1/10

Left: -48.016 ± 0.130 χ^2/NDF : 6555.4/23

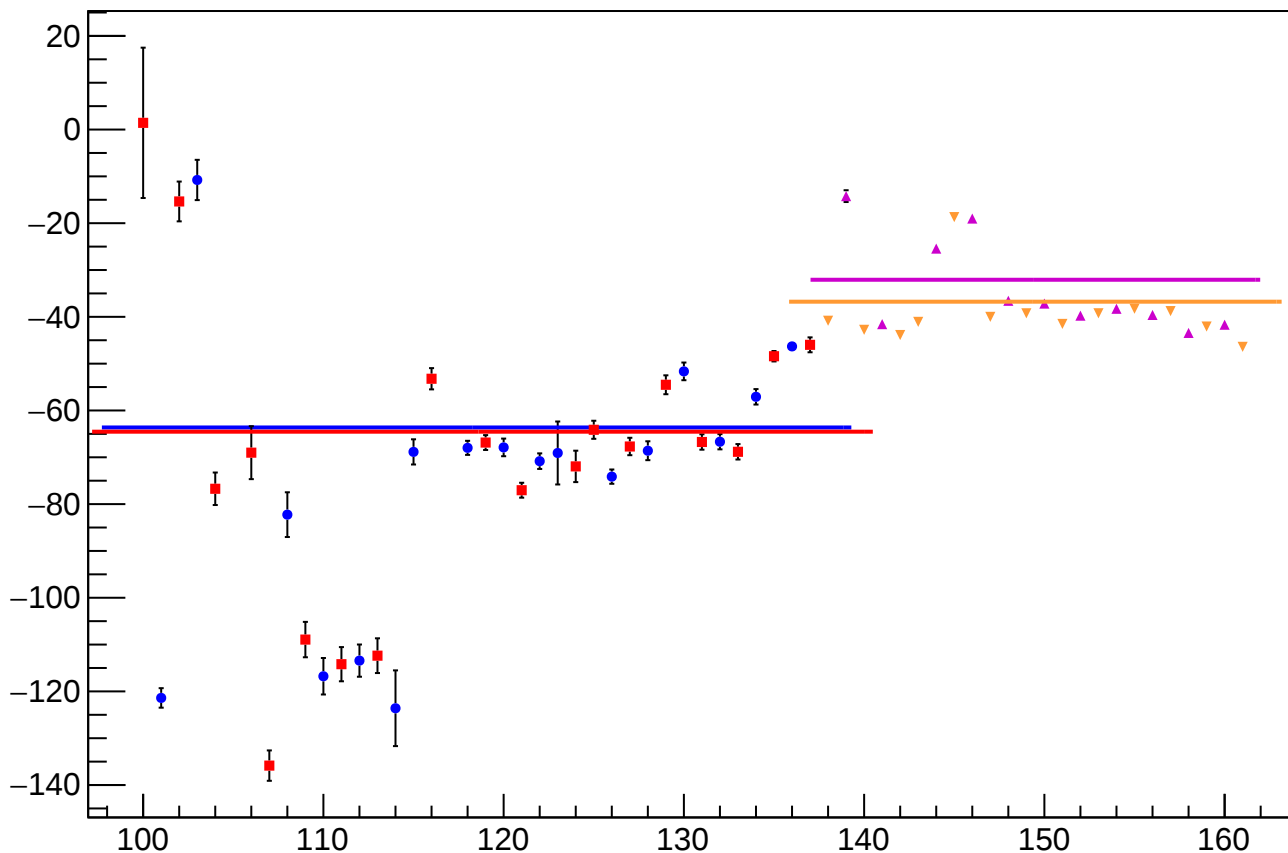
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -46.535 ± 0.177 χ^2/NDF : 4362.1/27

Out: -49.781 ± 0.180 χ^2/NDF : 2890.2/31

All: -48.137 ± 0.126 χ^2/NDF : 7417.3/59

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 +/- 0.446 χ^2/NDF : 2011.2/16

Left Out: -36.766 +/- 0.153 χ^2/NDF : 3896.2/12

Right Out: -64.531 +/- 0.482 χ^2/NDF : 1611.2/18

Left In: -32.081 +/- 0.151 χ^2/NDF : 3988.7/10

Left: -34.404 +/- 0.107 χ^2/NDF : 8359.8/23

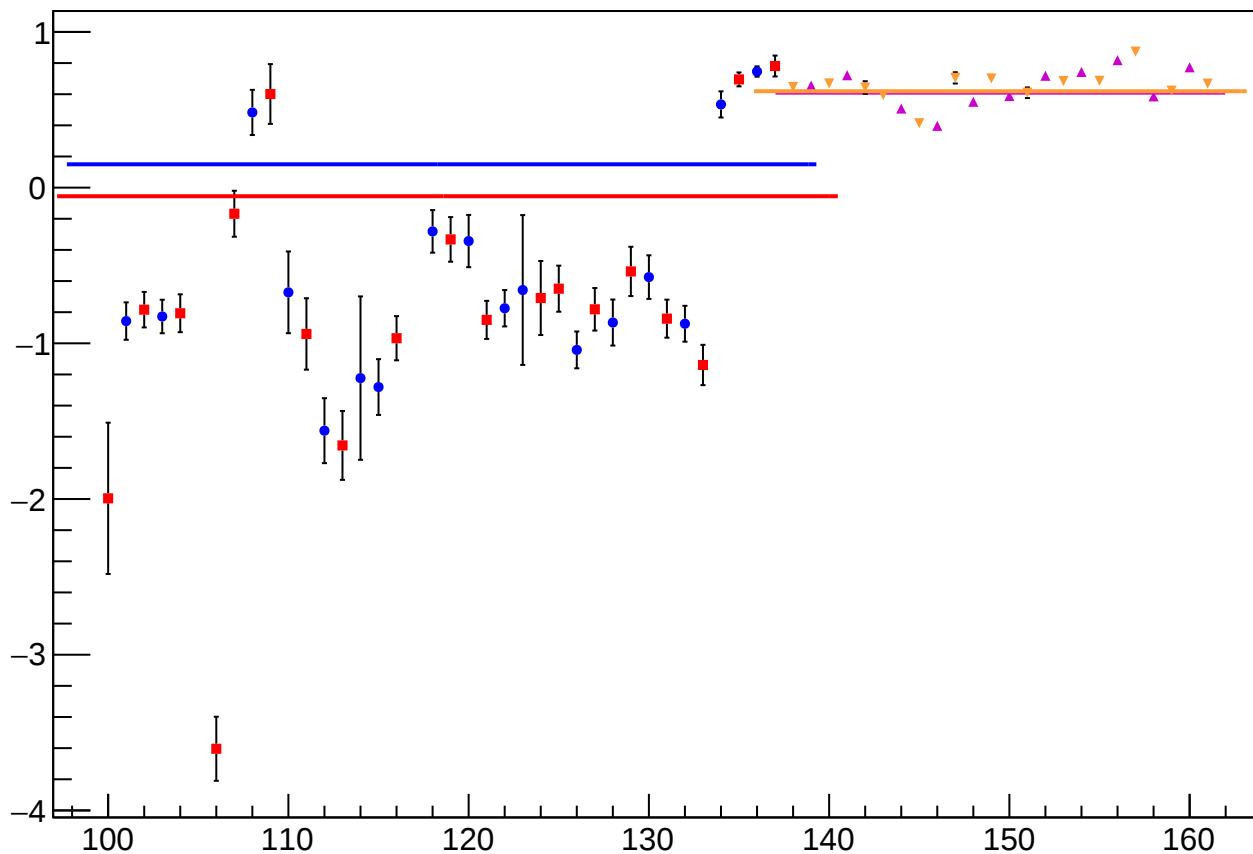
Right: -64.046 +/- 0.327 χ^2/NDF : 3624.3/35

In: -35.341 +/- 0.143 χ^2/NDF : 10490.0/27

Out: -39.298 +/- 0.146 χ^2/NDF : 8523.6/31

All: -37.289 +/- 0.102 χ^2/NDF : 19388.7/59

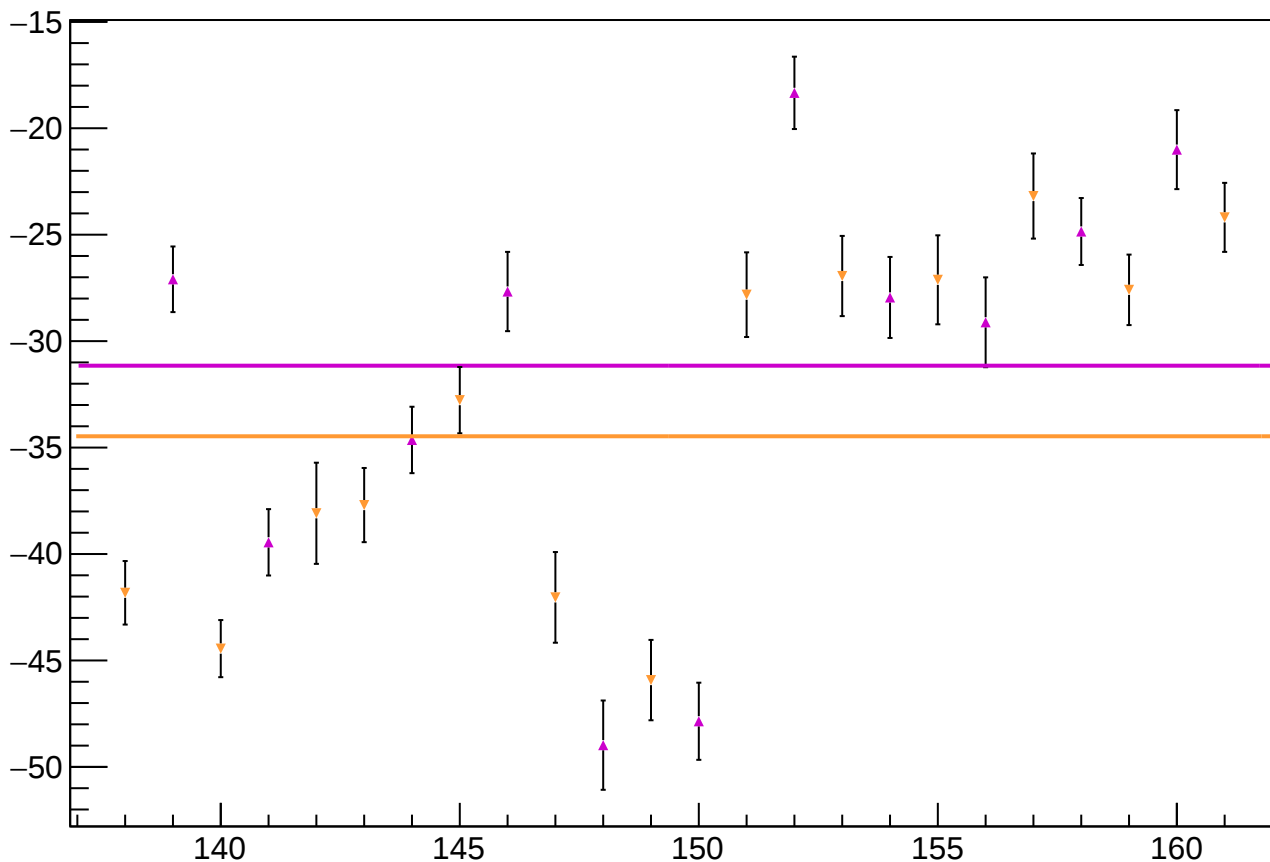
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.619 ± 0.007 χ^2/NDF : 316.1/12
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.610 ± 0.007 χ^2/NDF : 336.3/10

Left: 0.615 ± 0.005 χ^2/NDF : 653.2/23
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.570 ± 0.007 χ^2/NDF : 1662.0/27
 Out: 0.572 ± 0.007 χ^2/NDF : 2102.6/31
 All: 0.571 ± 0.005 χ^2/NDF : 3764.6/59

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.153 $\pm$ 0.527 χ^2 /NDF:307.6/10

Left: -32.934 $\pm$ 0.358 χ^2 /NDF: 593.7/23

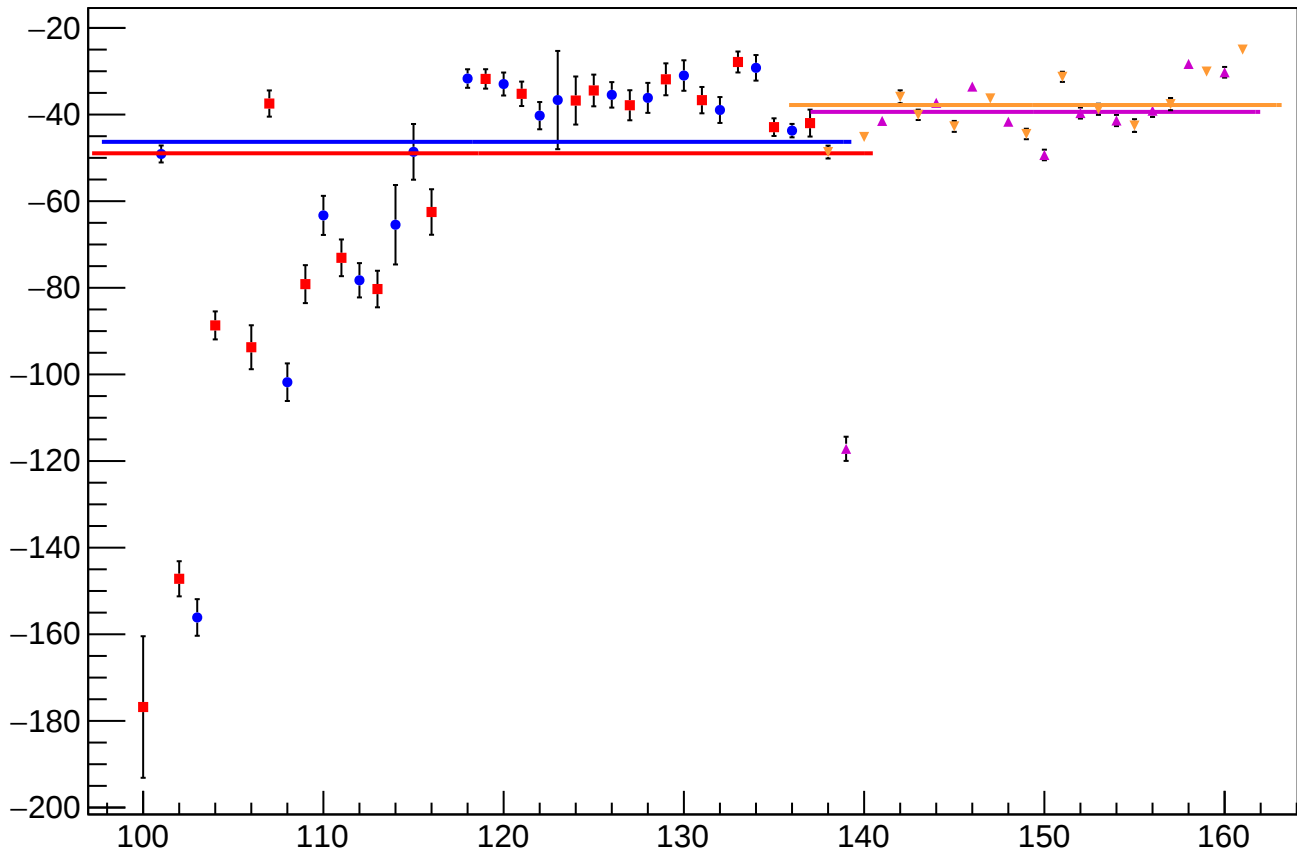
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.153 $\pm$ 0.527 χ^2 /NDF:307.6/10

Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12

All: -32.934 $\pm$ 0.358 χ^2 /NDF: 593.7/23

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: -37.797 ± 0.342 $\chi^2/\text{NDF}: 366.3/12$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -39.383 ± 0.369 $\chi^2/\text{NDF}: 1043.2/10$

Left: -38.530 ± 0.251 $\chi^2/\text{NDF}: 1419.4/23$

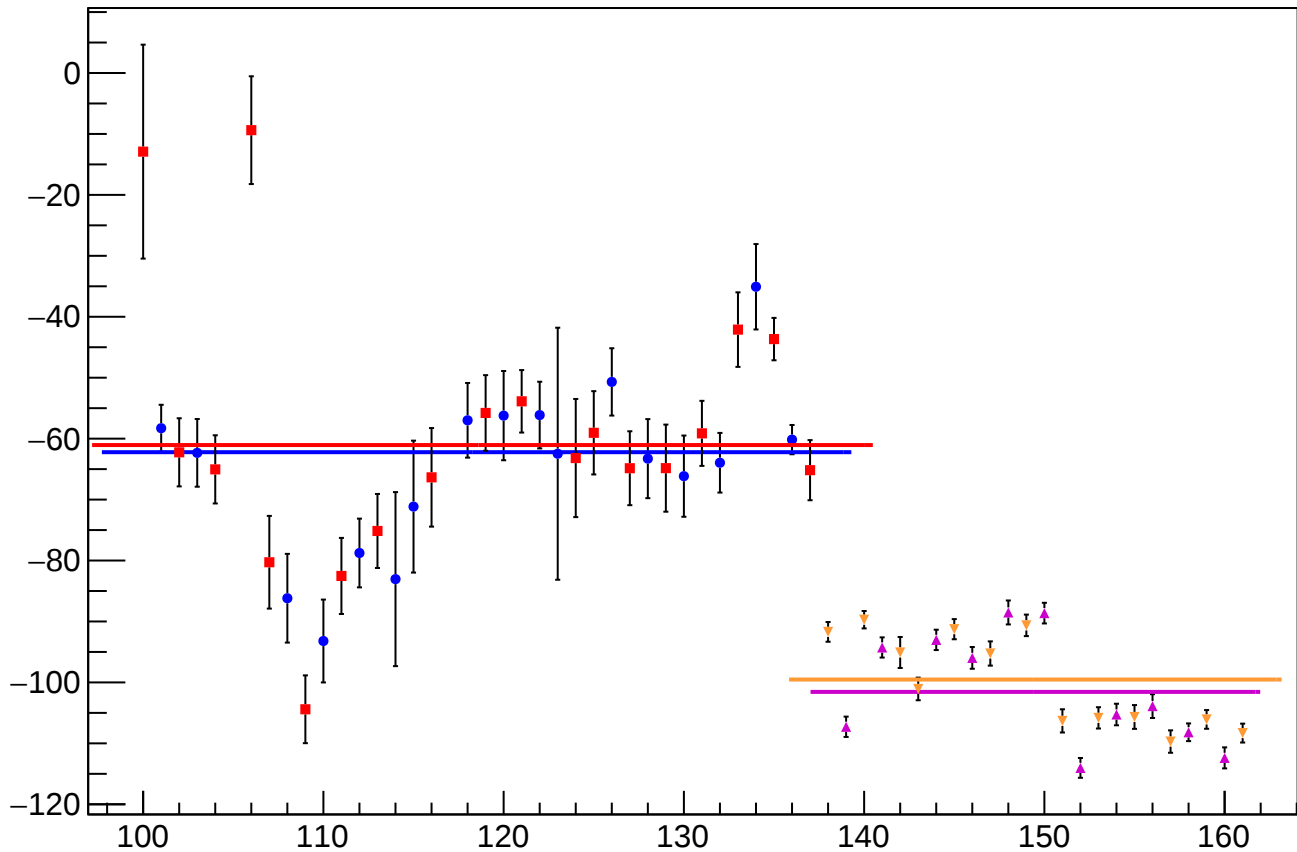
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -40.813 ± 0.329 $\chi^2/\text{NDF}: 2199.7/27$

Out: -39.667 ± 0.312 $\chi^2/\text{NDF}: 1817.8/31$

All: -40.210 ± 0.226 $\chi^2/\text{NDF}: 4023.9/59$

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: -99.528 ± 0.485 $\chi^2/\text{NDF}: 245.8/12$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -101.556 ± 0.515 $\chi^2/\text{NDF}: 294.0/10$

Left: -100.481 ± 0.353 $\chi^2/\text{NDF}: 548.0/23$

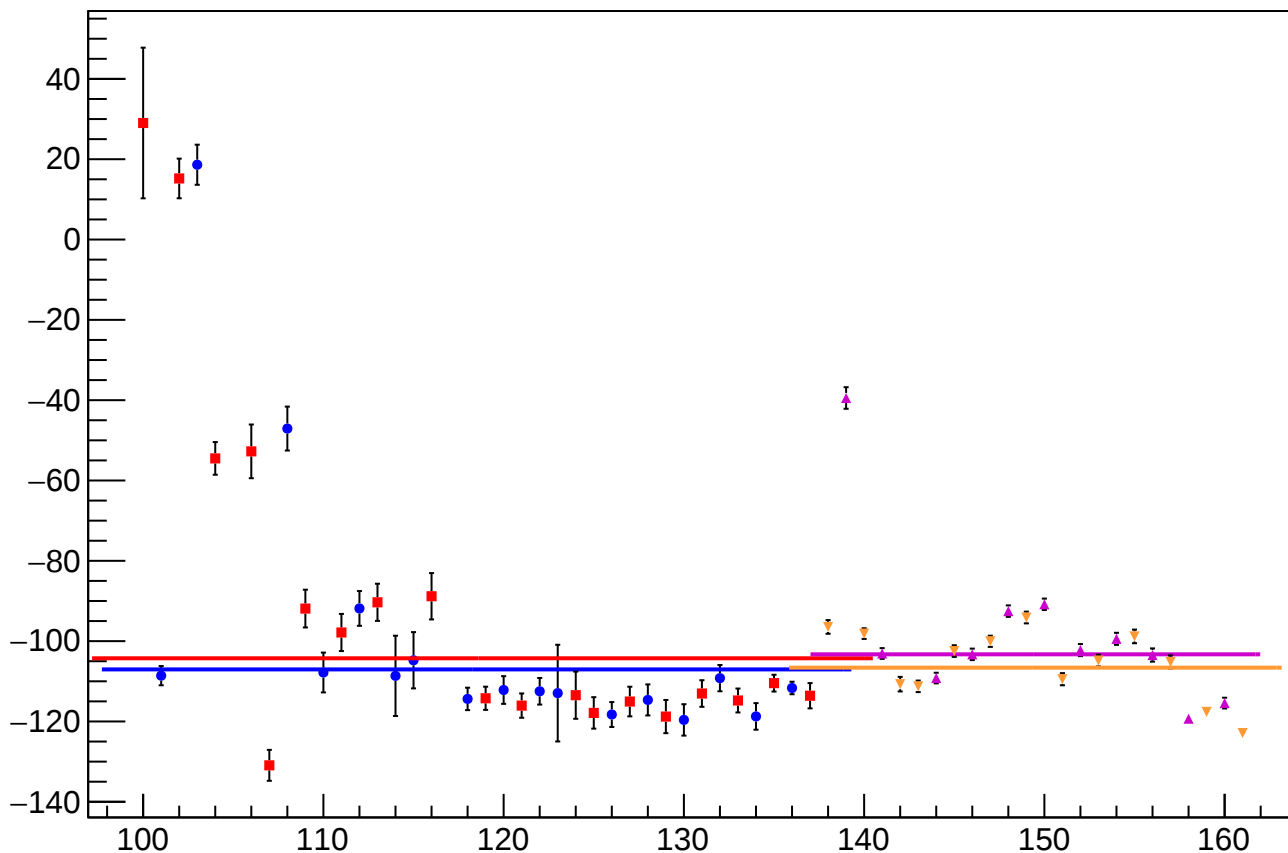
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -96.306 ± 0.479 $\chi^2/\text{NDF}: 1140.6/27$

Out: -95.296 ± 0.457 $\chi^2/\text{NDF}: 1105.1/31$

All: -95.777 ± 0.331 $\chi^2/\text{NDF}: 2248.0/59$

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: -106.602 ± 0.403 χ^2/NDF : 486.7/12

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -103.282 ± 0.433 χ^2/NDF : 1004.2/10

Left: -105.062 ± 0.295 χ^2/NDF : 1522.4/23

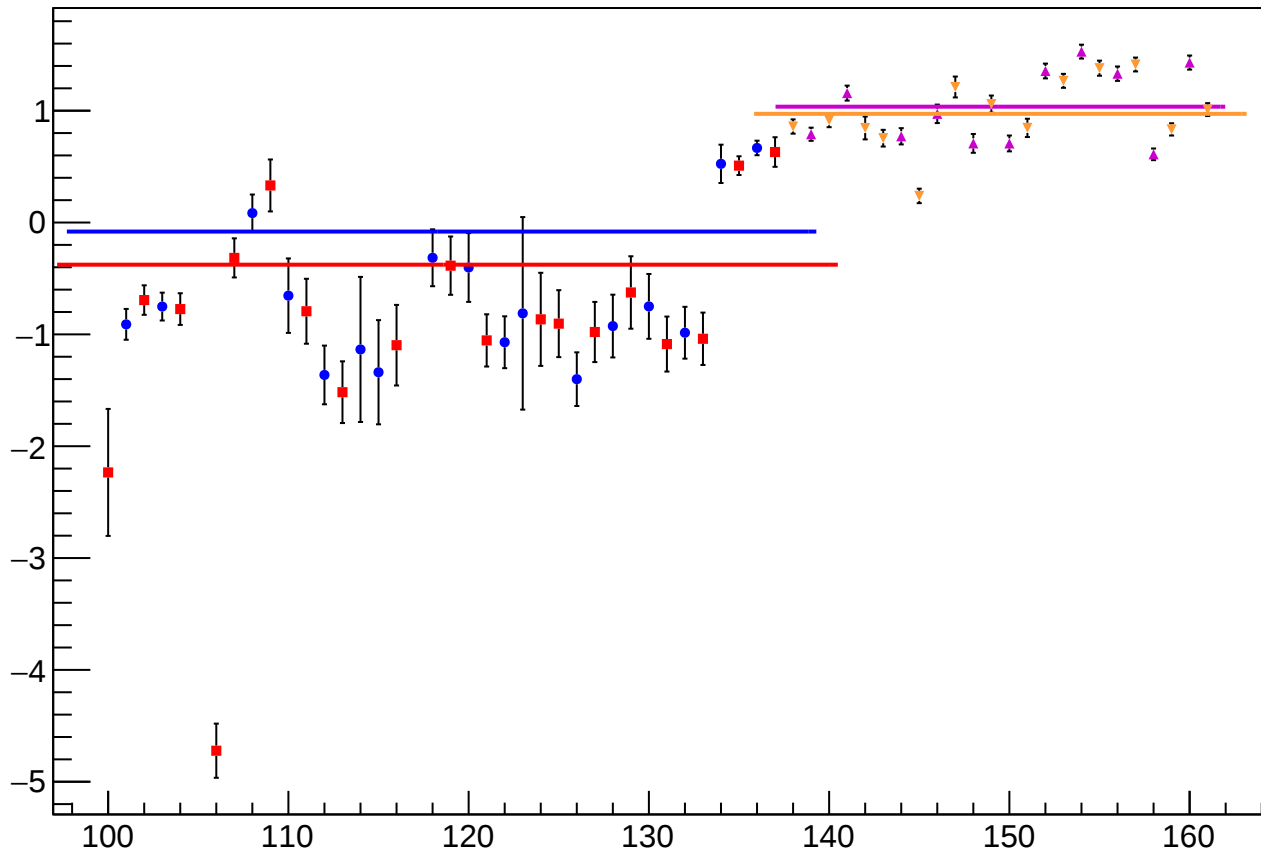
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -104.114 ± 0.382 χ^2/NDF : 1848.8/27

Out: -106.182 ± 0.365 χ^2/NDF : 1510.8/31

All: -105.197 ± 0.264 χ^2/NDF : 3374.9/59

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: 0.972 ± 0.019 χ^2/NDF : 268.4/12

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.036 ± 0.020 χ^2/NDF : 284.4/10

Left: 1.002 ± 0.014 χ^2/NDF : 558.2/23

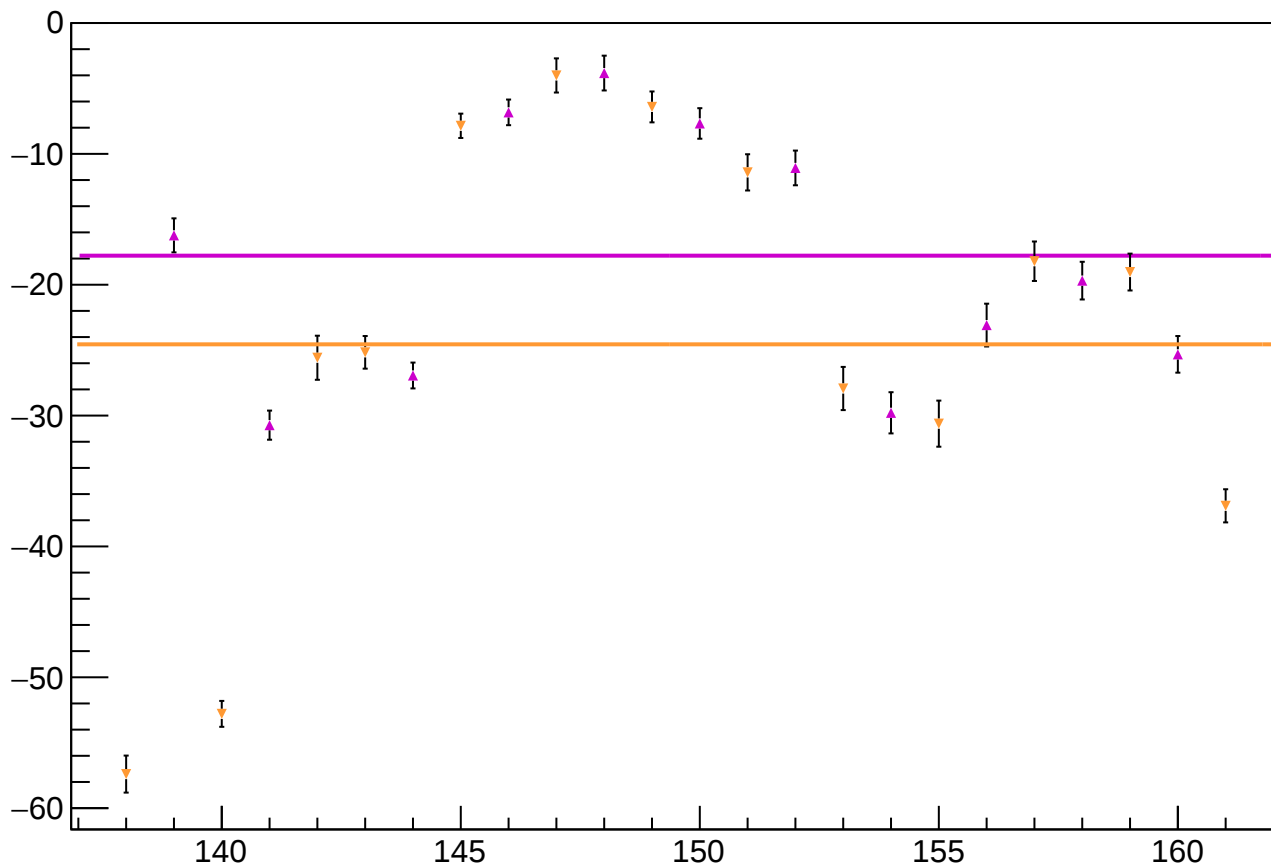
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.833 ± 0.018 χ^2/NDF : 1186.5/27

Out: 0.762 ± 0.017 χ^2/NDF : 1649.8/31

All: 0.796 ± 0.012 χ^2/NDF : 2844.5/59

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



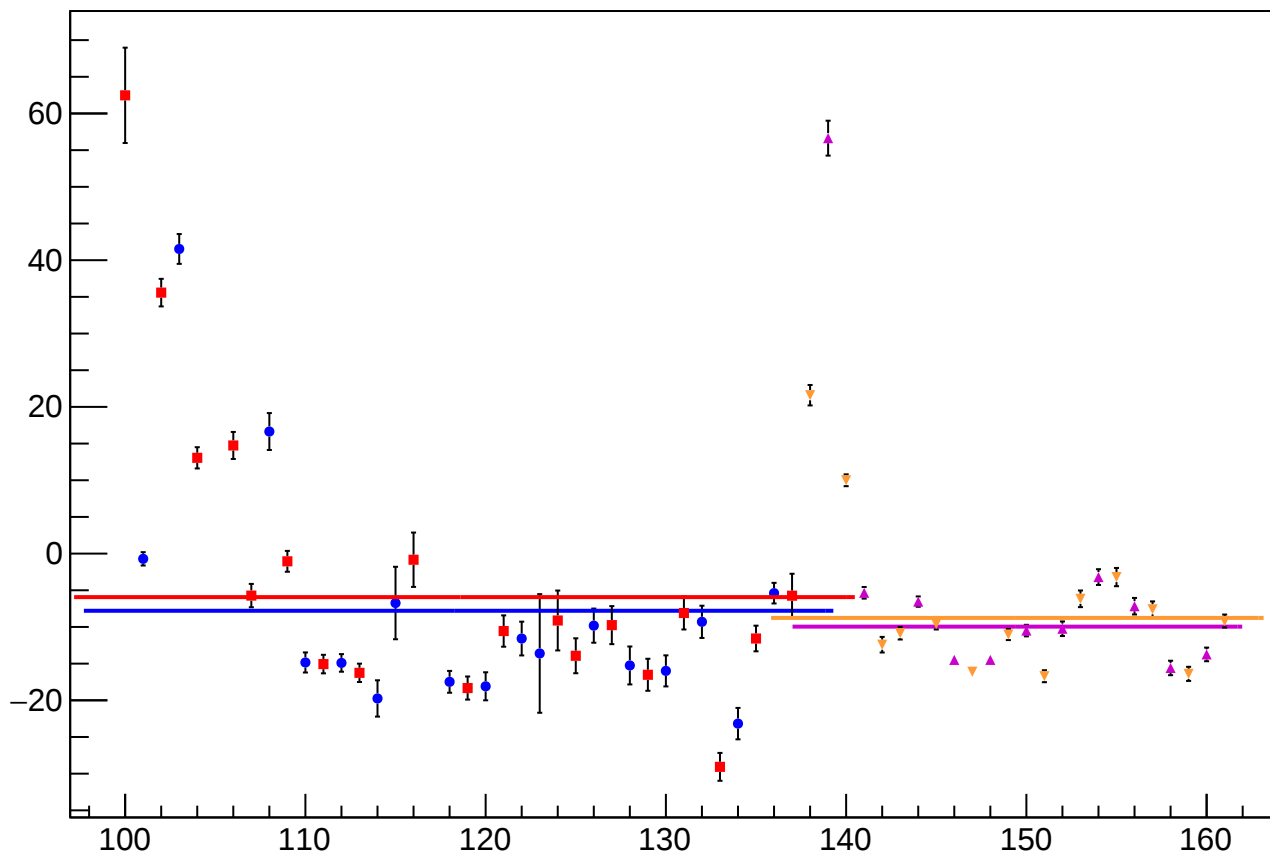
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.555+/-0.359 χ^2/NDF :2394.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.780+/-0.375 χ^2/NDF :658.0/10

Left: -21.316+/-0.259 χ^2/NDF : 3222.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.780+/-0.375 χ^2/NDF :658.0/10
 Out: -24.555+/-0.359 χ^2/NDF :2394.3/12

All: -21.316+/-0.259 χ^2/NDF : 3222.5/23

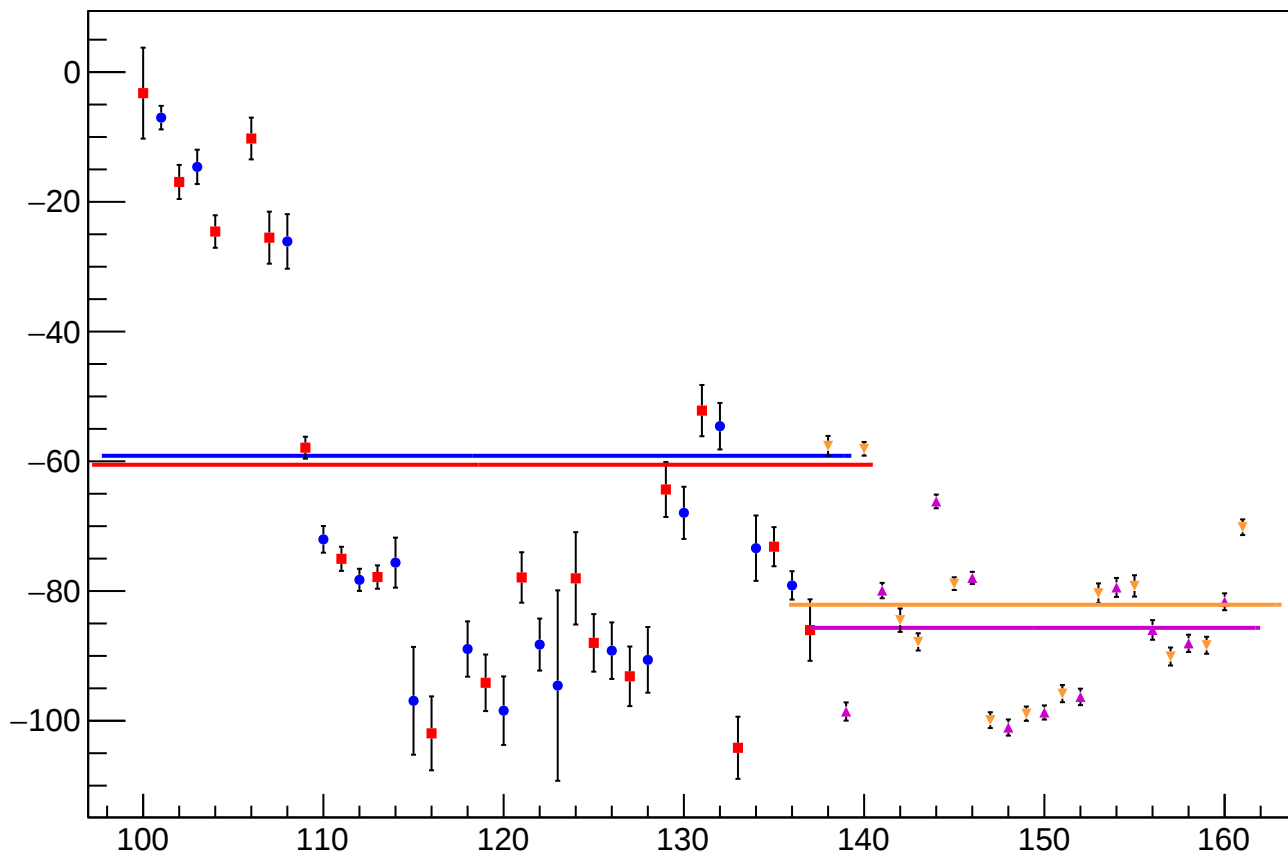
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.768 ± 0.246 χ^2/NDF : 1363.8/12
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -9.956 ± 0.256 χ^2/NDF : 1038.2/10

Left: -9.339 ± 0.178 χ^2/NDF : 2413.2/23
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -9.386 ± 0.220 χ^2/NDF : 2039.7/27
 Out: -8.064 ± 0.214 χ^2/NDF : 2690.9/31
 All: -8.706 ± 0.153 χ^2/NDF : 4749.2/59

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.110 ± 0.356 χ^2/NDF : 1515.7/12

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.673 ± 0.367 χ^2/NDF : 910.7/10

Left: -83.836 ± 0.256 χ^2/NDF : 2474.9/23

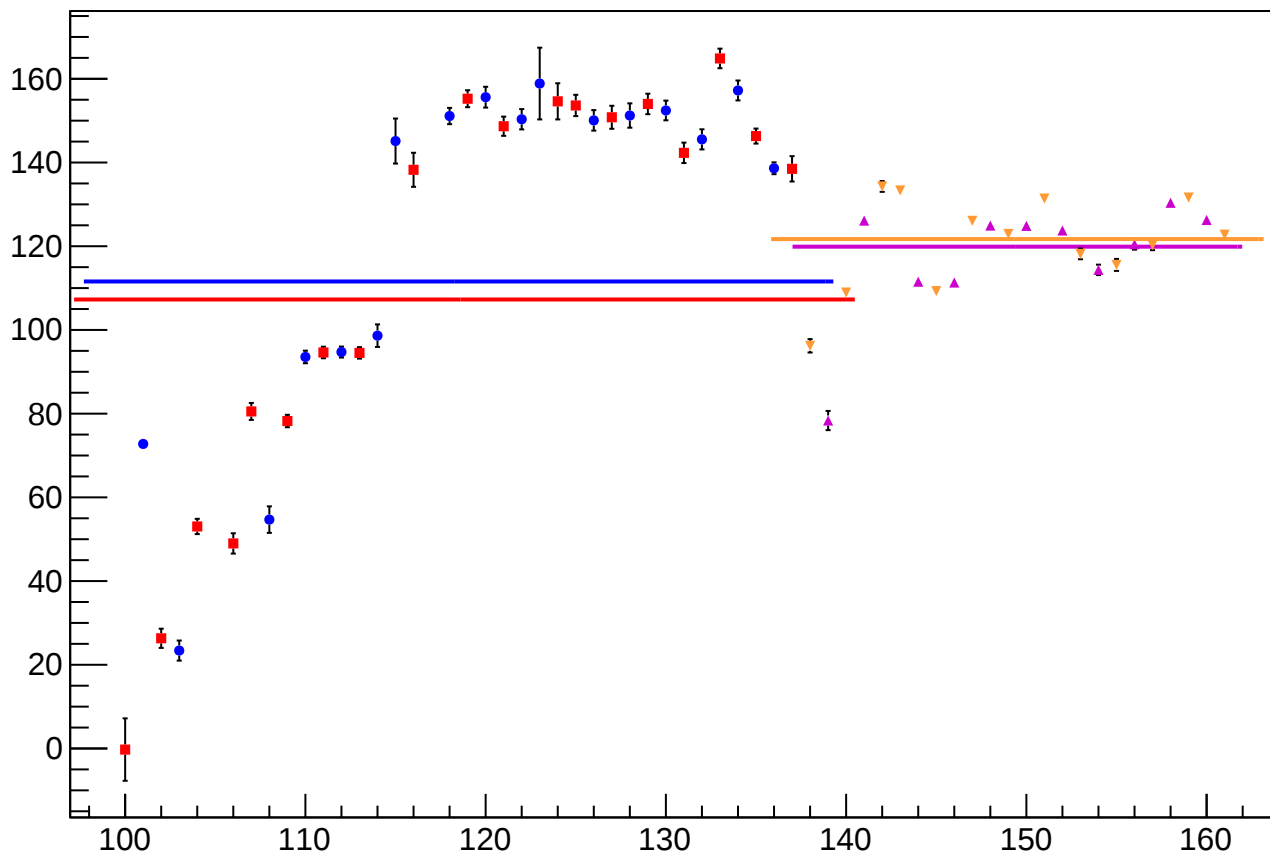
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -80.487 ± 0.330 χ^2/NDF : 3647.9/27

Out: -77.713 ± 0.318 χ^2/NDF : 3648.9/31

All: -79.050 ± 0.229 χ^2/NDF : 7333.5/59

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: 121.707 $\pm$ 0.294 χ^2 /NDF:1085.4/12

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.894 $\pm$ 0.306 χ^2 /NDF:827.6/10

Left: 120.836 $\pm$ 0.212 χ^2 /NDF: 1931.3/23

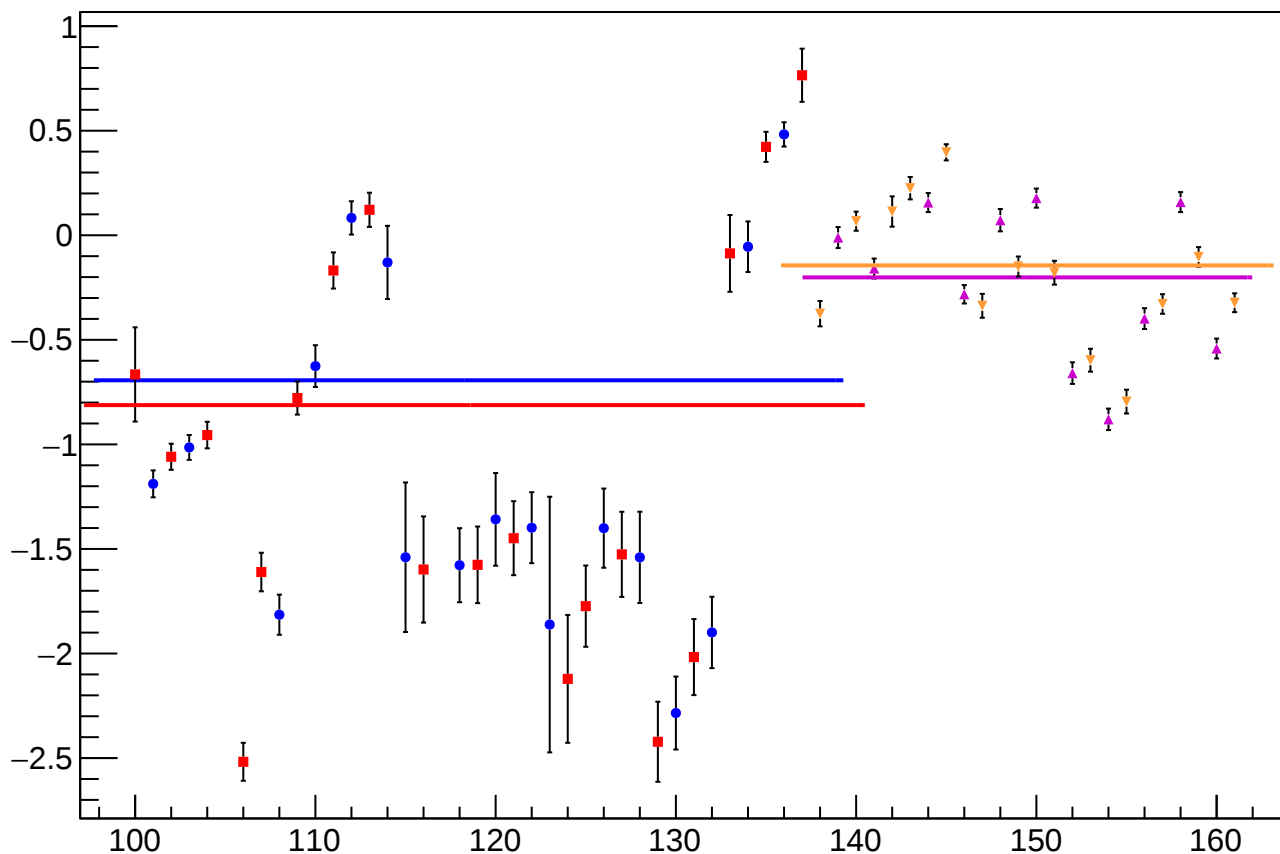
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 117.550 $\pm$ 0.259 χ^2 /NDF:6982.4/27

Out: 117.863 $\pm$ 0.252 χ^2 /NDF:8773.3/31

All: 117.711 $\pm$ 0.180 χ^2 /NDF: 15756.5/59

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: -0.144 ± 0.014 χ^2/NDF : 536.1/12

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.201 ± 0.015 χ^2/NDF : 552.4/10

Left: -0.172 ± 0.010 χ^2/NDF : 1096.5/23

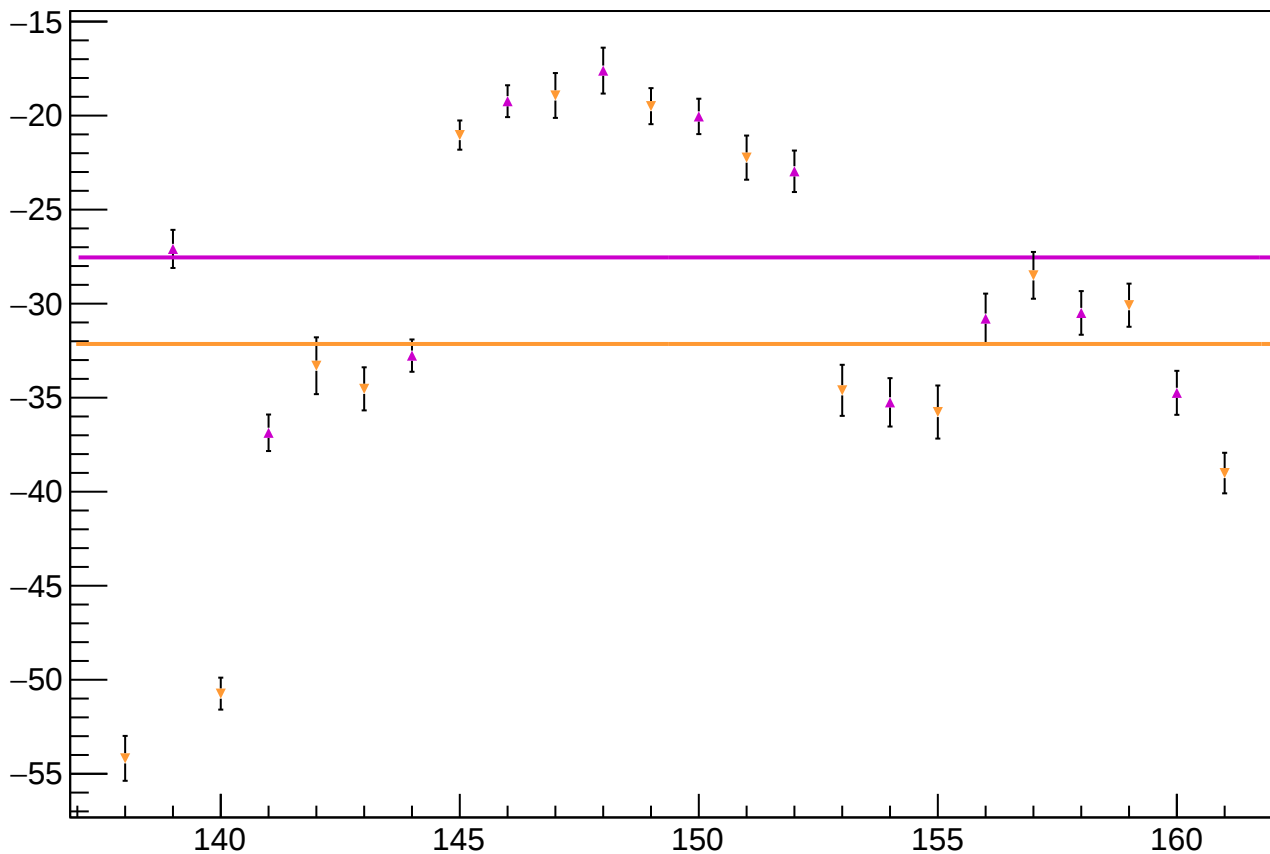
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.321 ± 0.013 χ^2/NDF : 1818.7/27

Out: -0.311 ± 0.012 χ^2/NDF : 2410.2/31

All: -0.316 ± 0.009 χ^2/NDF : 4229.2/59

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.144+/-0.305 χ^2/NDF :1459.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -27.542+/-0.315 χ^2/NDF :458.8/10

Left: -29.923+/-0.219 χ^2/NDF : 2028.3/23

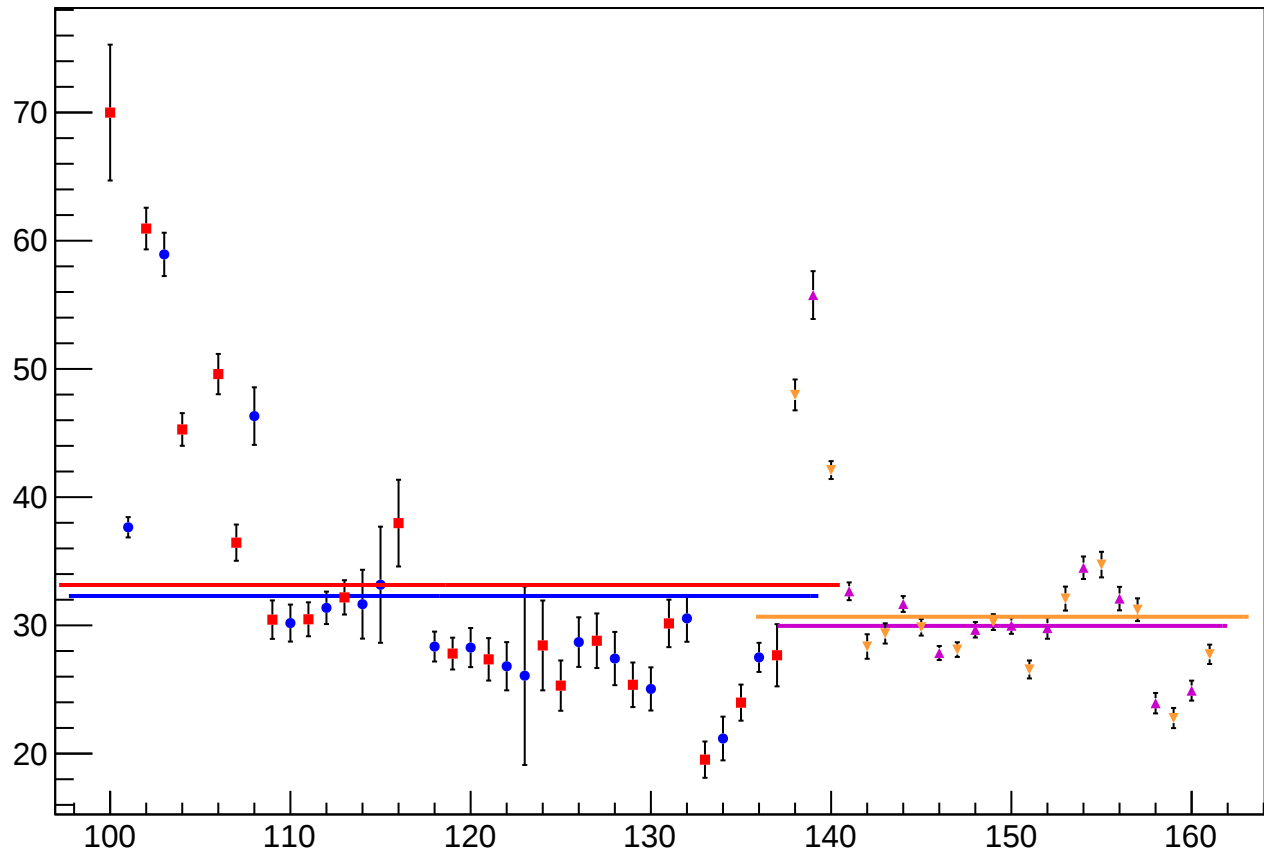
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.542+/-0.315 χ^2/NDF :458.8/10

Out: -32.144+/-0.305 χ^2/NDF :1459.3/12

All: -29.923+/-0.219 χ^2/NDF : 2028.3/23

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: 30.673 ± 0.211 $\chi^2/\text{NDF}: 675.8/12$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 29.959 ± 0.220 $\chi^2/\text{NDF}: 360.7/10$

Left: 30.330 ± 0.152 $\chi^2/\text{NDF}: 1042.1/23$

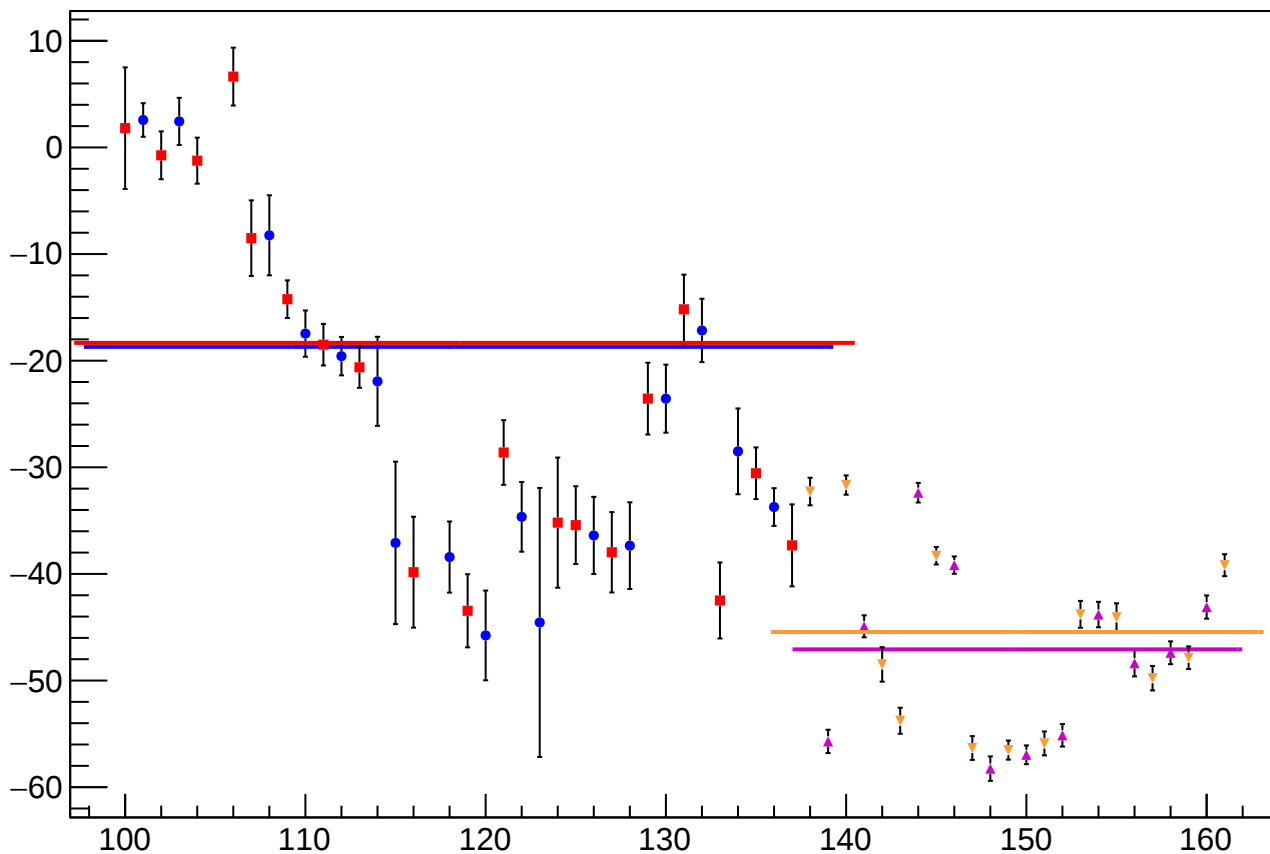
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 30.559 ± 0.189 $\chi^2/\text{NDF}: 842.3/27$

Out: 31.262 ± 0.185 $\chi^2/\text{NDF}: 1481.0/31$

All: 30.919 ± 0.132 $\chi^2/\text{NDF}: 2330.4/59$

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: -45.447 ± 0.301 χ^2/NDF : 855.9/12

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -47.077 ± 0.309 χ^2/NDF : 717.6/10

Left: -46.242 ± 0.216 χ^2/NDF : 1587.8/23

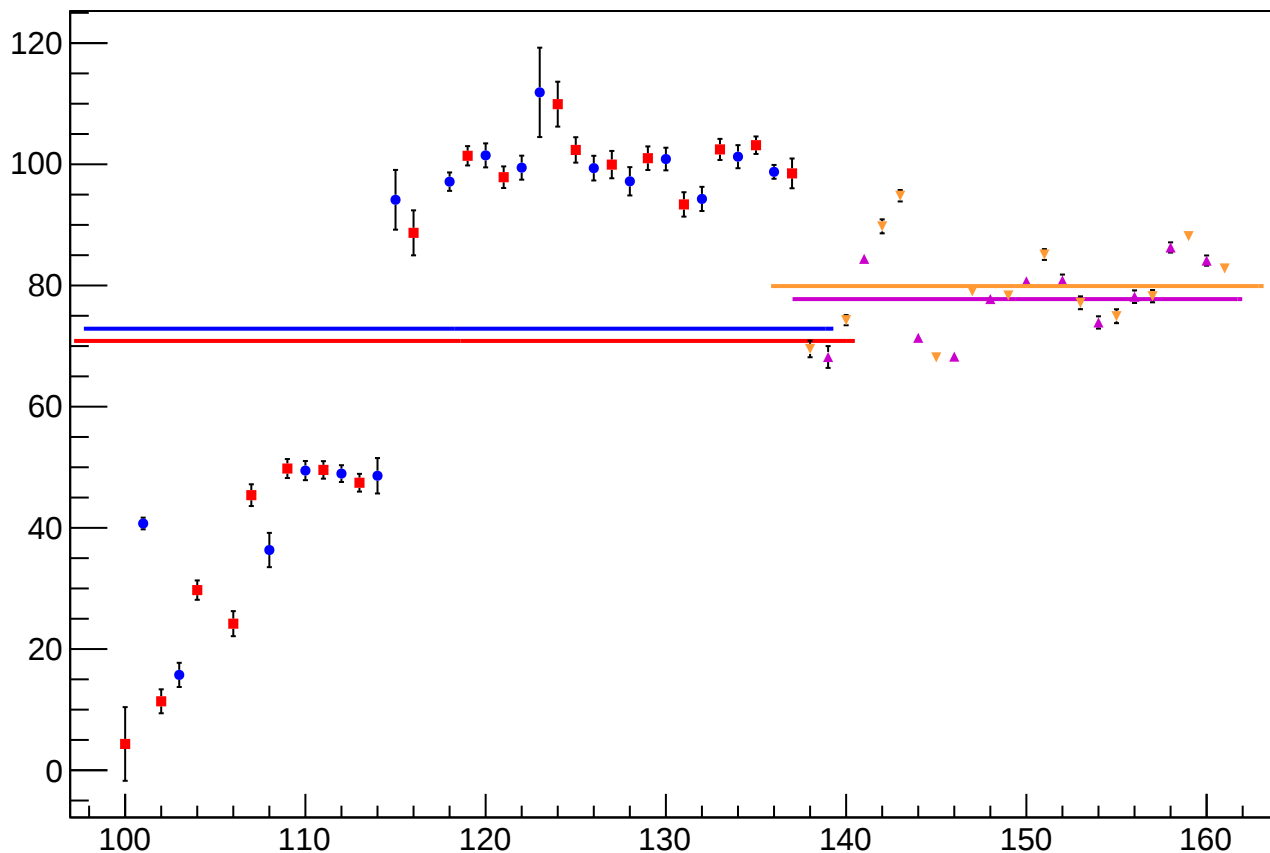
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -42.063 ± 0.280 χ^2/NDF : 2729.1/27

Out: -40.565 ± 0.273 χ^2/NDF : 2786.2/31

All: -41.295 ± 0.196 χ^2/NDF : 5530.0/59

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 79.905+/-0.250 χ^2/NDF : 855.8/12

Right Out: 70.851+/-0.433 χ^2/NDF : 5495.4/18

Left In: 77.754+/-0.260 χ^2/NDF : 565.5/10

Left: 78.867+/-0.180 χ^2/NDF : 1456.8/23

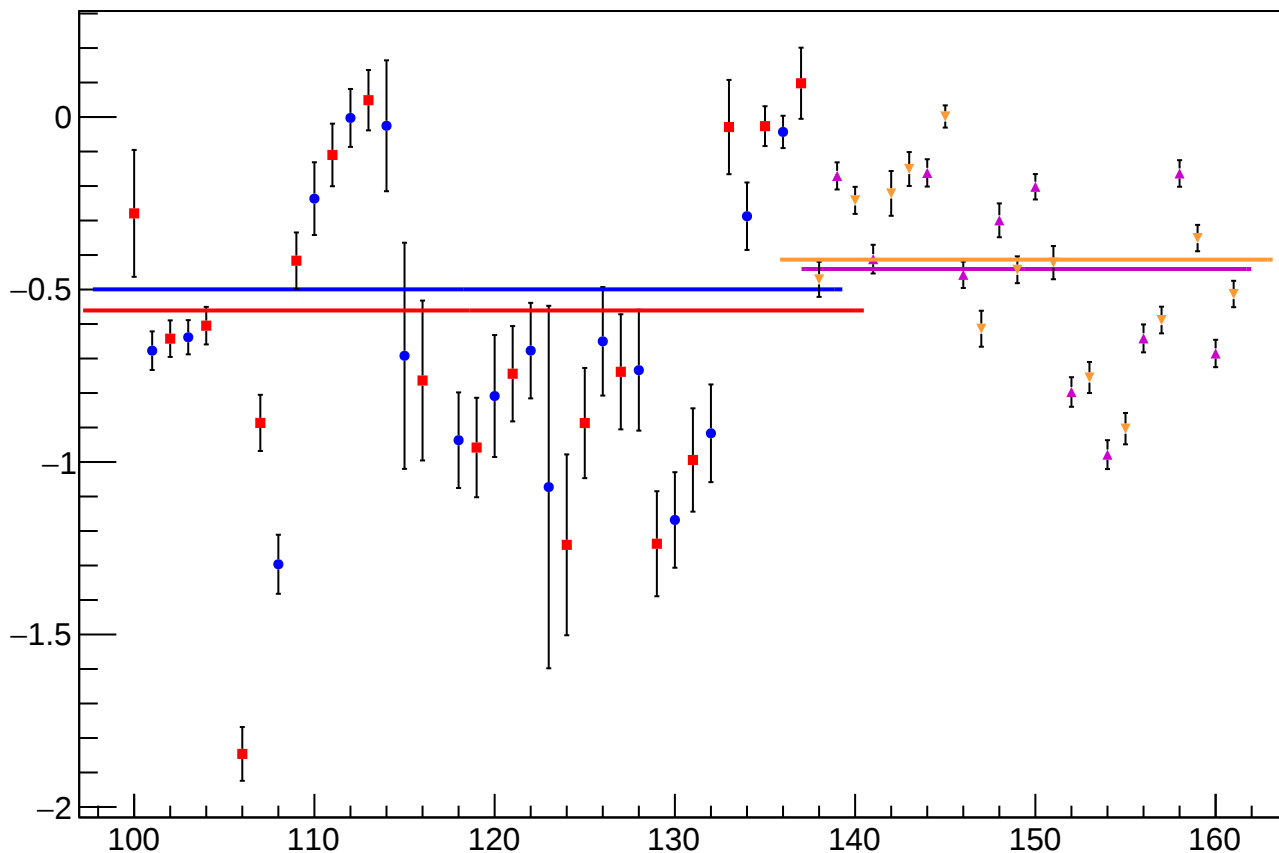
Right: 71.876+/-0.304 χ^2/NDF : 10233.6/35

In: 76.434+/-0.222 χ^2/NDF : 5388.3/27

Out: 77.634+/-0.217 χ^2/NDF : 6678.8/31

All: 77.048+/-0.155 χ^2/NDF : 12082.1/59

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: -0.413 ± 0.012 χ^2/NDF : 443.1/12

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.441 ± 0.012 χ^2/NDF : 495.9/10

Left: -0.427 ± 0.008 χ^2/NDF : 941.6/23

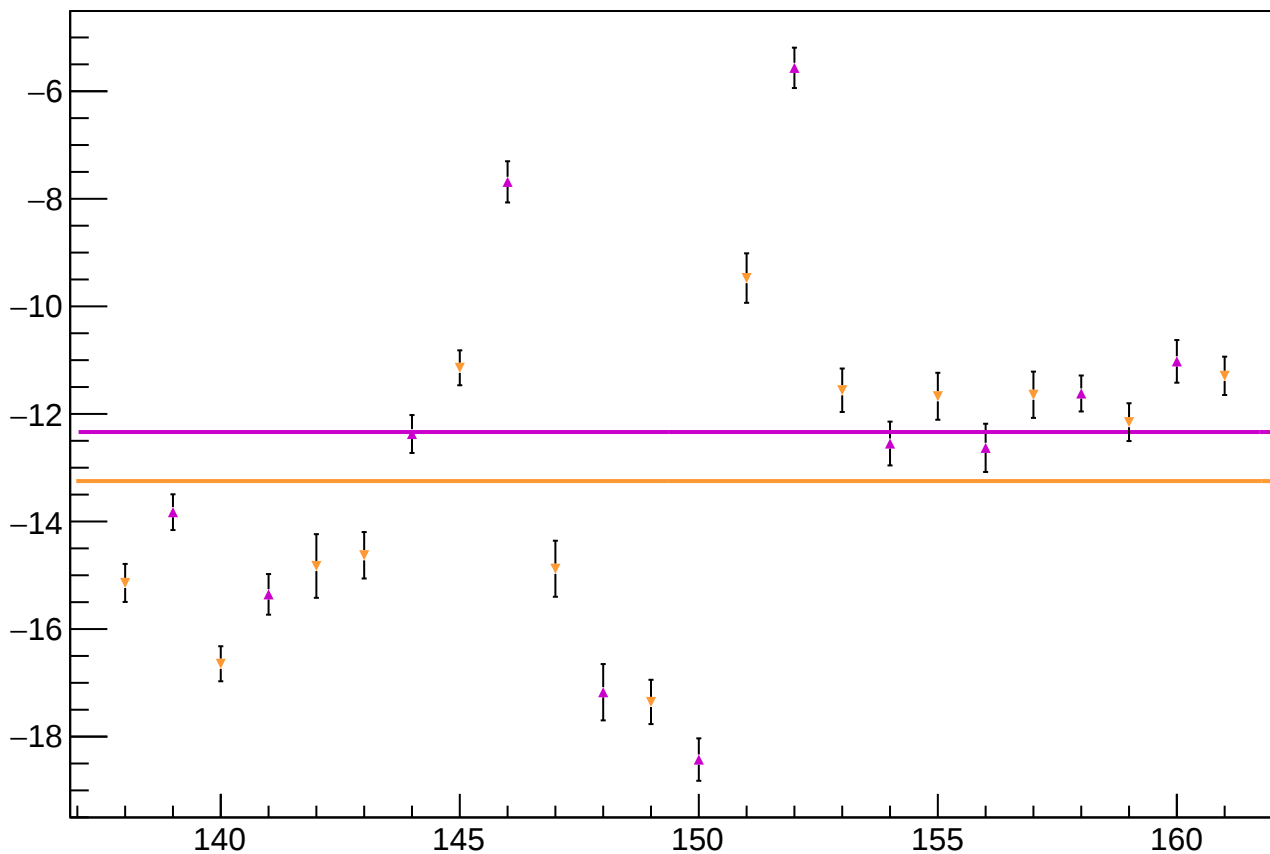
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.454 ± 0.011 χ^2/NDF : 803.9/27

Out: -0.448 ± 0.010 χ^2/NDF : 1041.2/31

All: -0.451 ± 0.007 χ^2/NDF : 1845.3/59

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



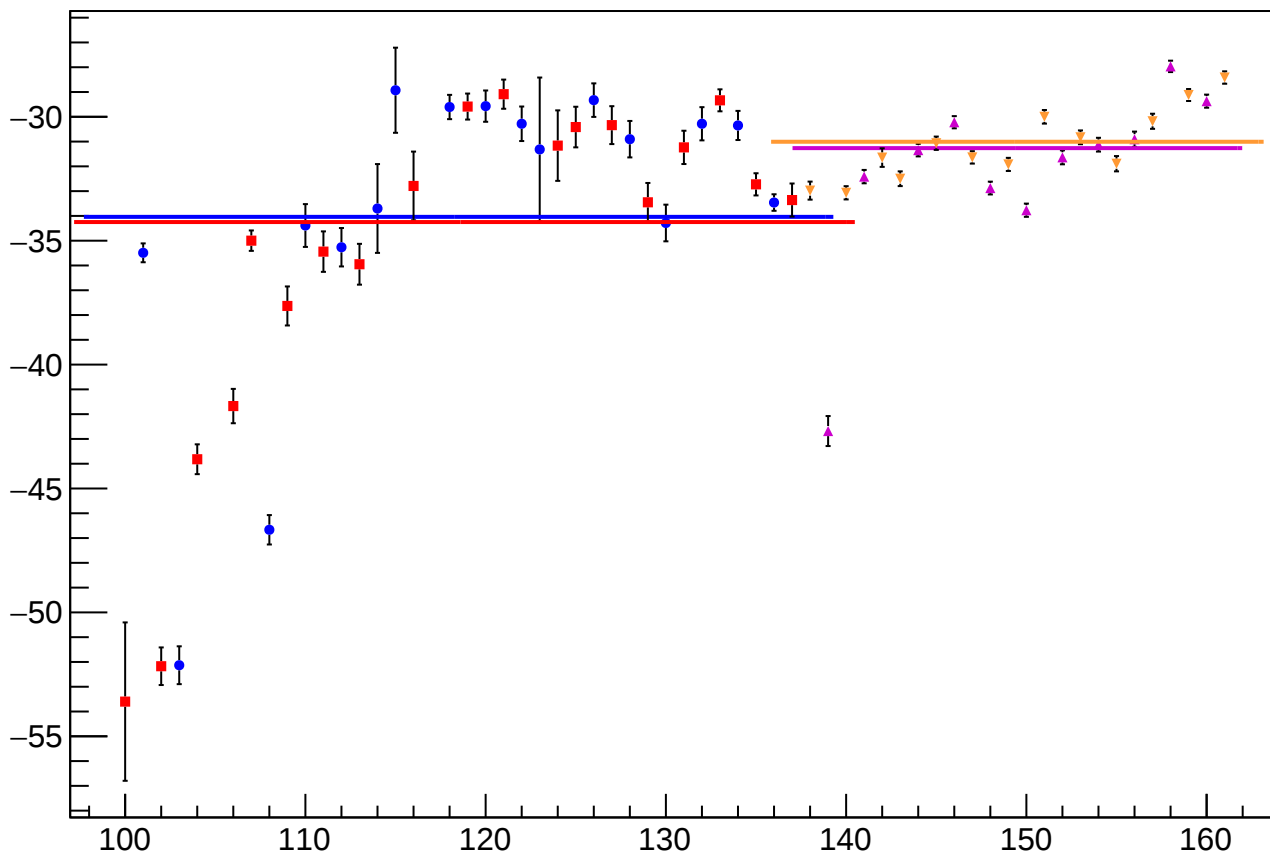
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.248+/-0.110 χ^2/NDF :457.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.336+/-0.116 χ^2/NDF :896.3/10

Left: -12.815+/-0.080 χ^2/NDF : 1386.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.336+/-0.116 χ^2/NDF :896.3/10
 Out: -13.248+/-0.110 χ^2/NDF :457.9/12

All: -12.815+/-0.080 χ^2/NDF : 1386.6/23

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.007 ± 0.078 χ^2/NDF : 332.7/12

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -31.265 ± 0.083 χ^2/NDF : 778.8/10

Left: -31.129 ± 0.057 χ^2/NDF : 1116.6/23

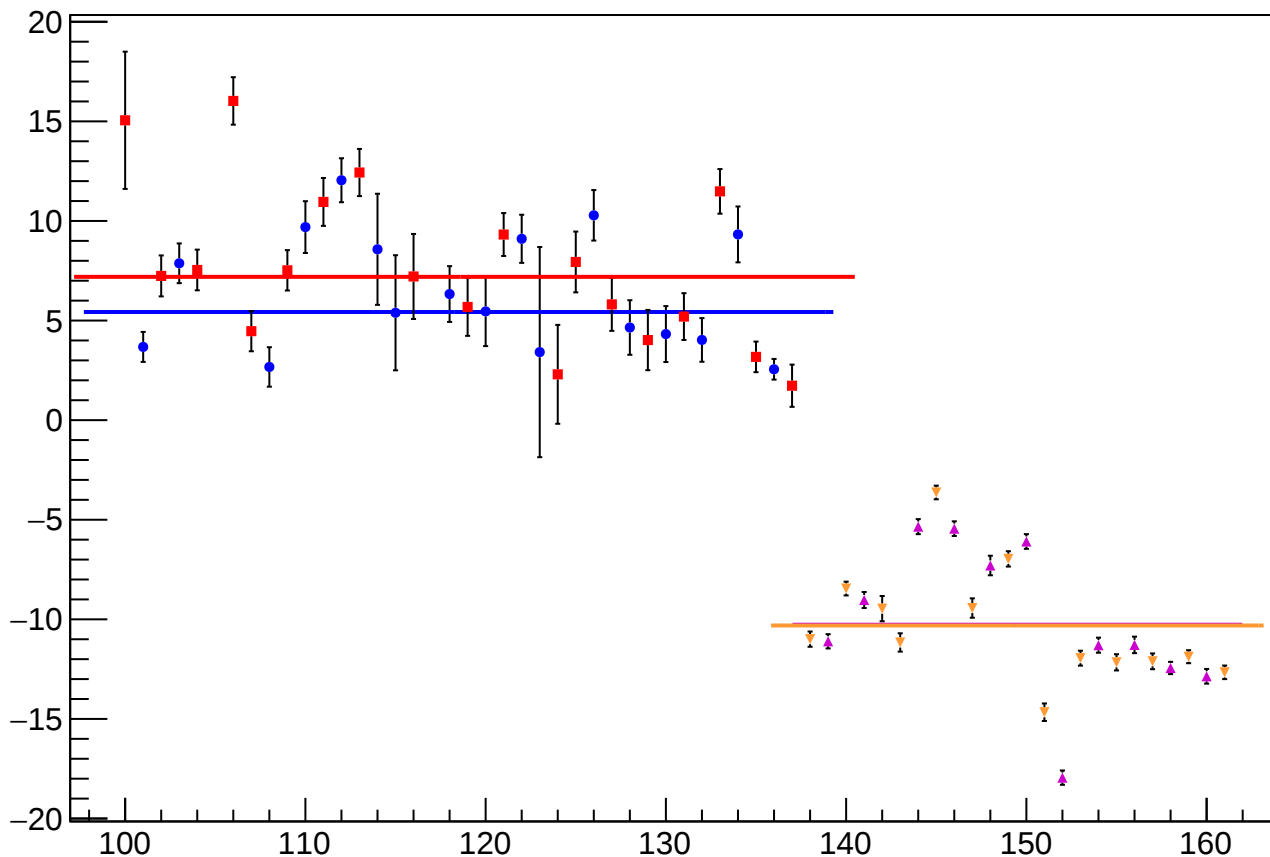
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.904 ± 0.072 χ^2/NDF : 2381.7/27

Out: -31.692 ± 0.069 χ^2/NDF : 2055.2/31

All: -31.793 ± 0.050 χ^2/NDF : 4441.4/59

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -10.309 ± 0.109 χ^2/NDF : 723.7/12

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -10.271 ± 0.113 χ^2/NDF : 1090.8/10

Left: -10.290 ± 0.078 χ^2/NDF : 1814.6/23

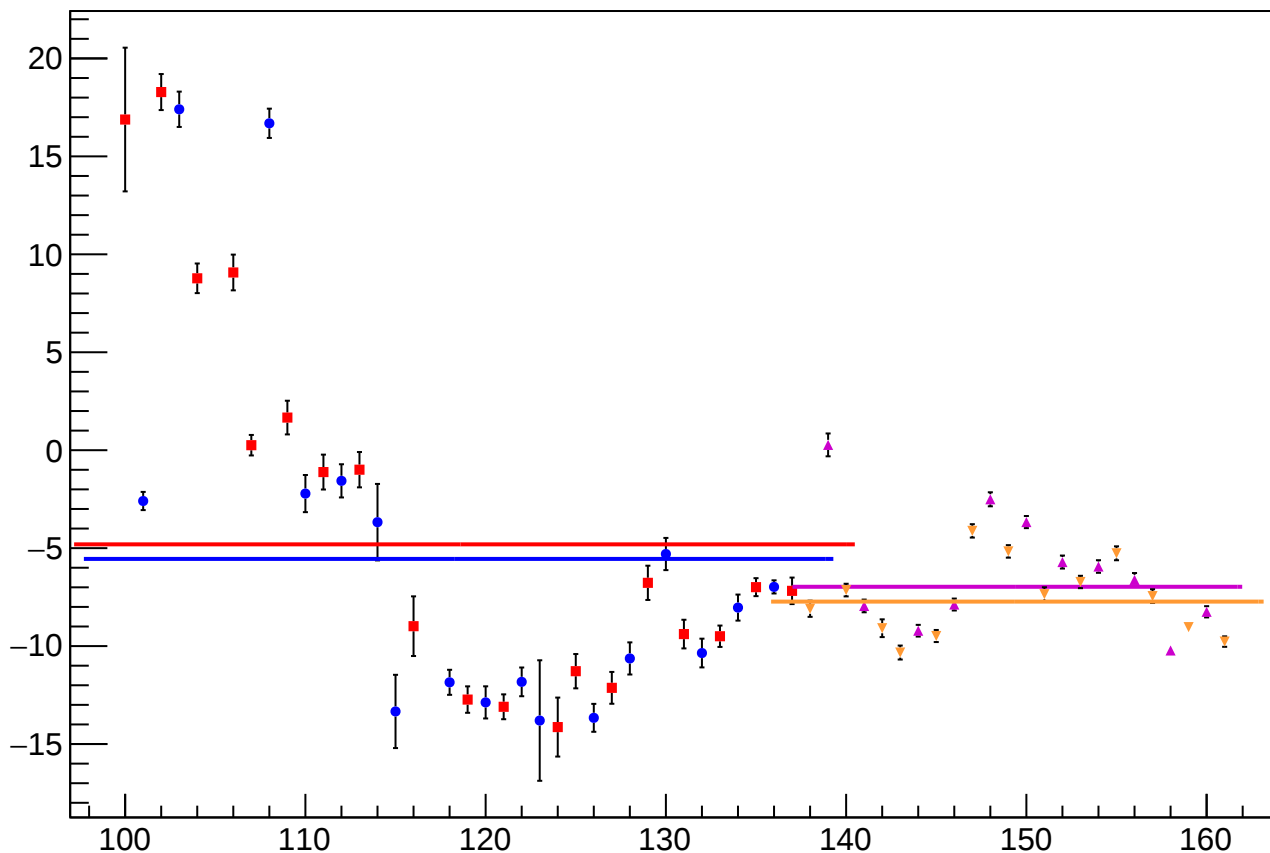
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.926 ± 0.104 χ^2/NDF : 4101.9/27

Out: -7.927 ± 0.101 χ^2/NDF : 4430.5/31

All: -7.926 ± 0.073 χ^2/NDF : 8532.4/59

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -7.729 ± 0.091 $\chi^2/\text{NDF}: 419.1/12$

Right Out: -4.806 ± 0.173 $\chi^2/\text{NDF}: 2048.2/18$

Left In: -6.972 ± 0.096 $\chi^2/\text{NDF}: 723.2/10$

Left: -7.370 ± 0.066 $\chi^2/\text{NDF}: 1175.1/23$

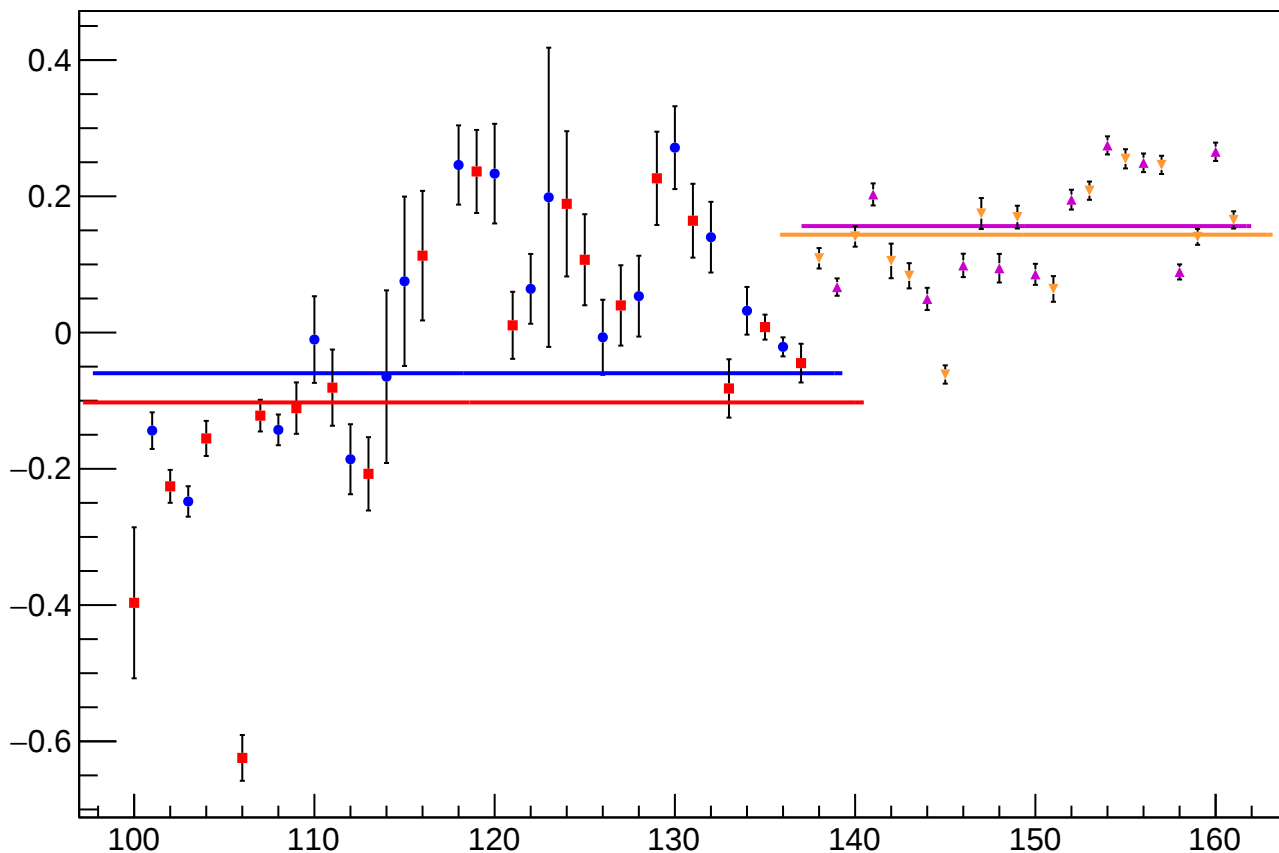
Right: -5.183 ± 0.121 $\chi^2/\text{NDF}: 4184.2/35$

In: -6.629 ± 0.084 $\chi^2/\text{NDF}: 2902.8/27$

Out: -7.093 ± 0.080 $\chi^2/\text{NDF}: 2691.6/31$

All: -6.870 ± 0.058 $\chi^2/\text{NDF}: 5610.4/59$

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: 0.144 ± 0.004 χ^2/NDF : 420.7/12

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/10

Left: 0.150 ± 0.003 χ^2/NDF : 802.0/23

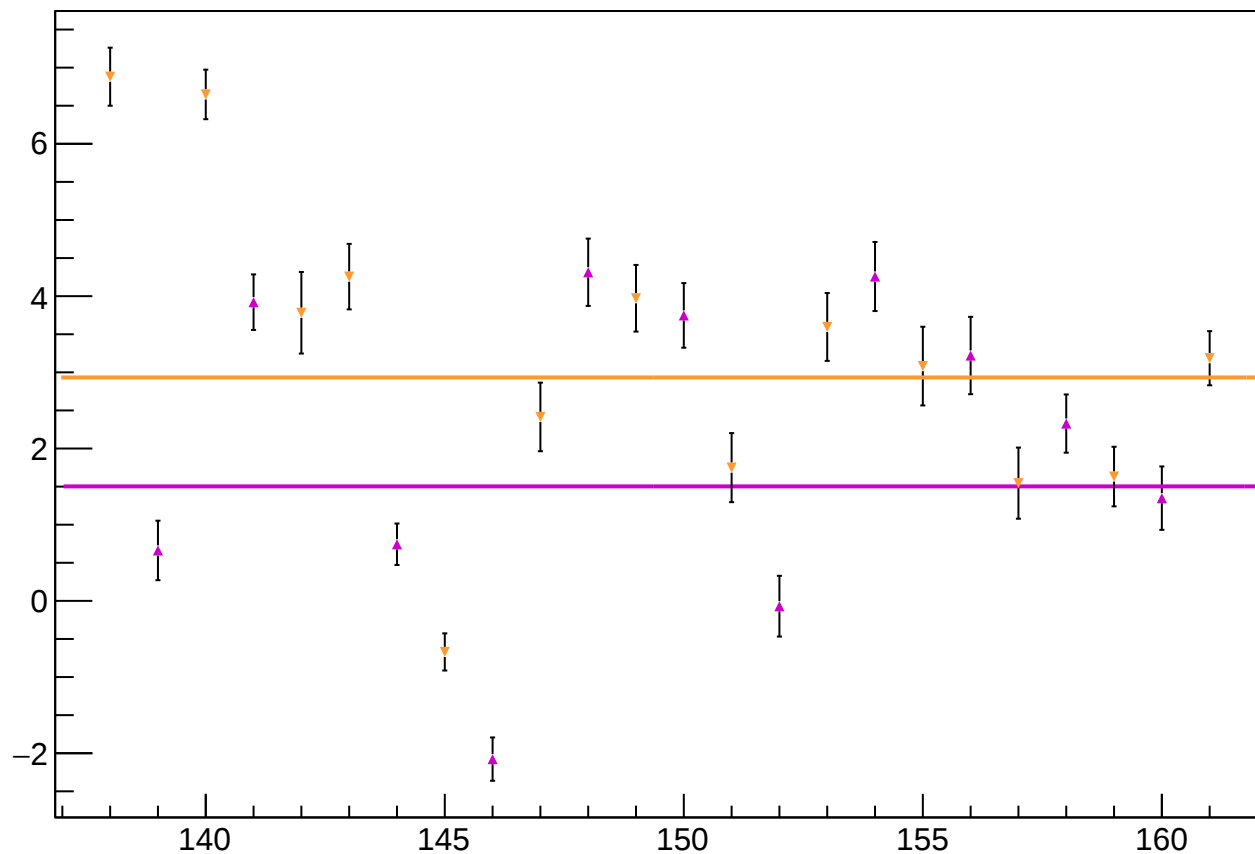
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.111 ± 0.004 χ^2/NDF : 1115.5/27

Out: 0.095 ± 0.004 χ^2/NDF : 1541.8/31

All: 0.102 ± 0.003 χ^2/NDF : 2666.0/59

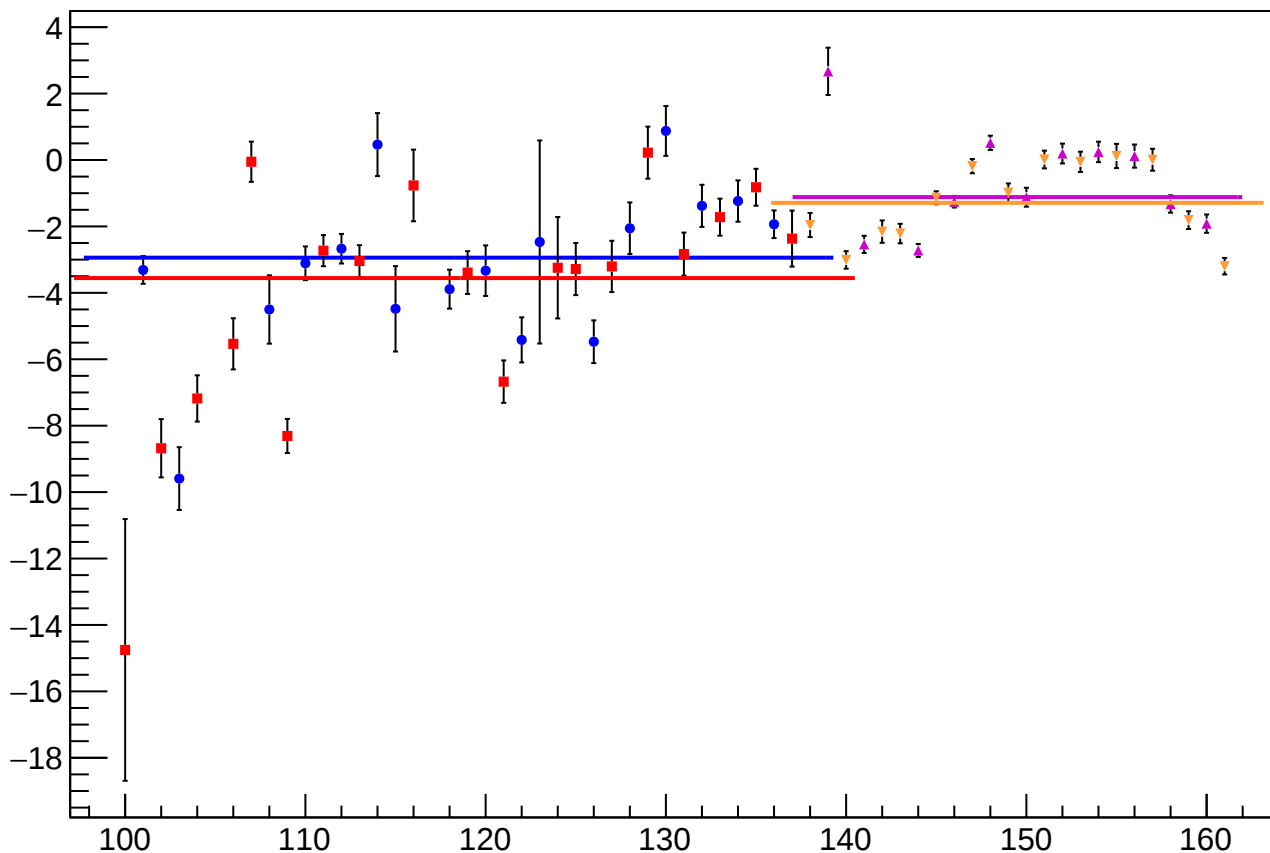
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10

Left: 2.247 $\pm$ 0.078 χ^2 /NDF: 939.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10
 Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 All: 2.247 $\pm$ 0.078 χ^2 /NDF: 939.9/23

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: -1.290 ± 0.076 $\chi^2/\text{NDF}: 224.0/12$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.117 ± 0.077 $\chi^2/\text{NDF}: 245.4/10$

Left: -1.205 ± 0.054 $\chi^2/\text{NDF}: 472.0/23$

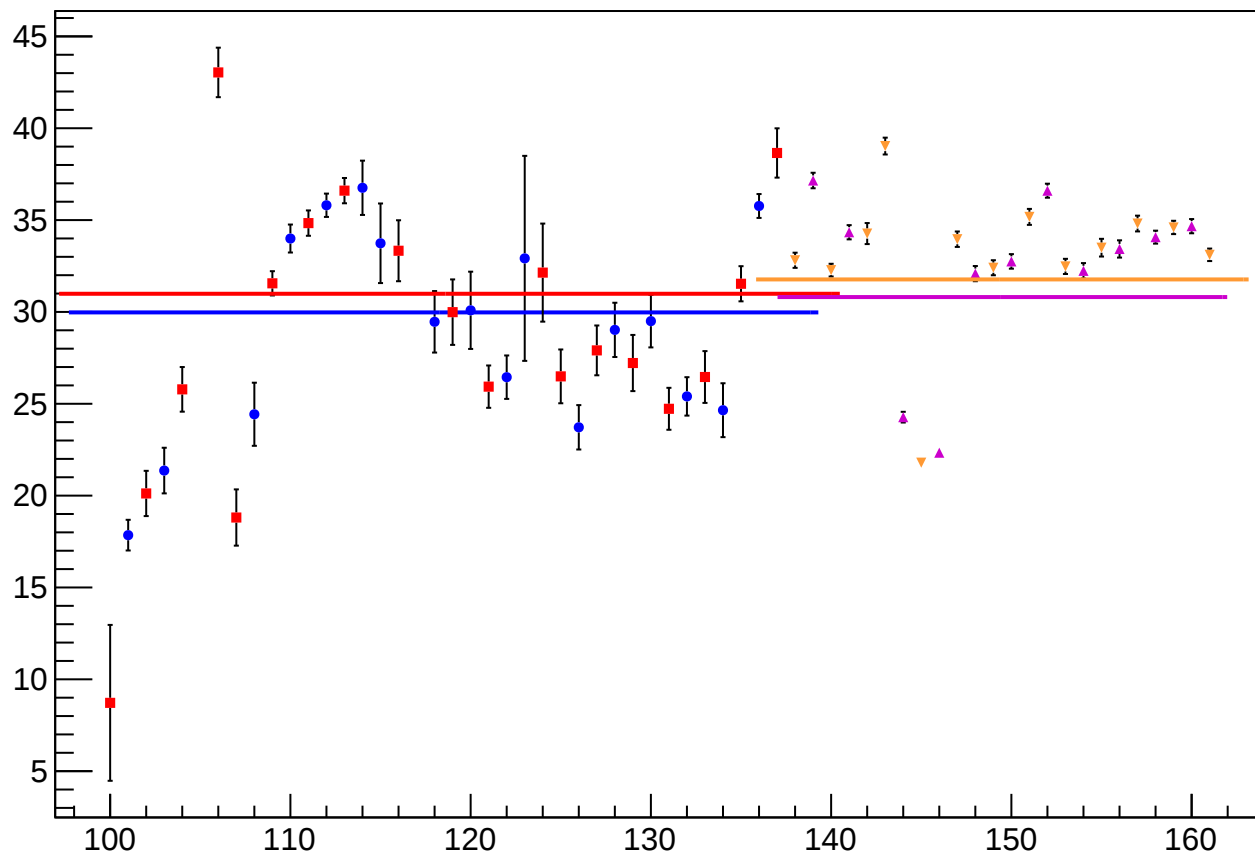
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.482 ± 0.069 $\chi^2/\text{NDF}: 502.9/27$

Out: -1.728 ± 0.068 $\chi^2/\text{NDF}: 689.1/31$

All: -1.607 ± 0.048 $\chi^2/\text{NDF}: 1198.4/59$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 31.769 ± 0.108 $\chi^2/\text{NDF}: 1987.2/12$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

Left In: 30.810 ± 0.111 $\chi^2/\text{NDF}: 2265.3/10$

Left: 31.302 ± 0.077 $\chi^2/\text{NDF}: 4290.9/23$

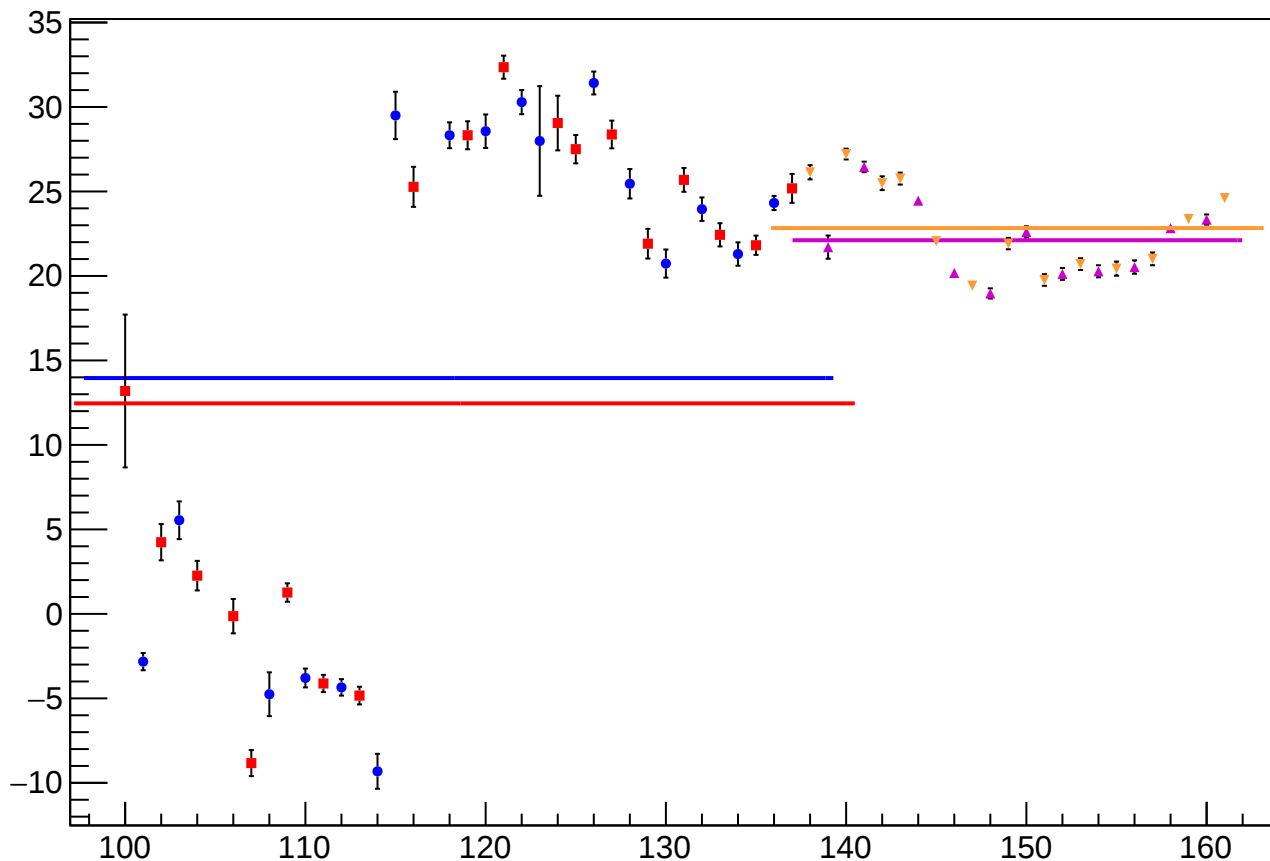
Right: 30.495 ± 0.186 $\chi^2/\text{NDF}: 1042.4/35$

In: 30.687 ± 0.102 $\chi^2/\text{NDF}: 2827.6/27$

Out: 31.654 ± 0.100 $\chi^2/\text{NDF}: 2475.9/31$

All: 31.183 ± 0.071 $\chi^2/\text{NDF}: 5349.3/59$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 ± 0.172 $\chi^2/\text{NDF}: 7348.7/16$

Left Out: 22.836 ± 0.089 $\chi^2/\text{NDF}: 734.0/12$

Right Out: 12.458 ± 0.174 $\chi^2/\text{NDF}: 6979.9/18$

Left In: 22.114 ± 0.092 $\chi^2/\text{NDF}: 584.2/10$

Left: 22.485 ± 0.064 $\chi^2/\text{NDF}: 1349.9/23$

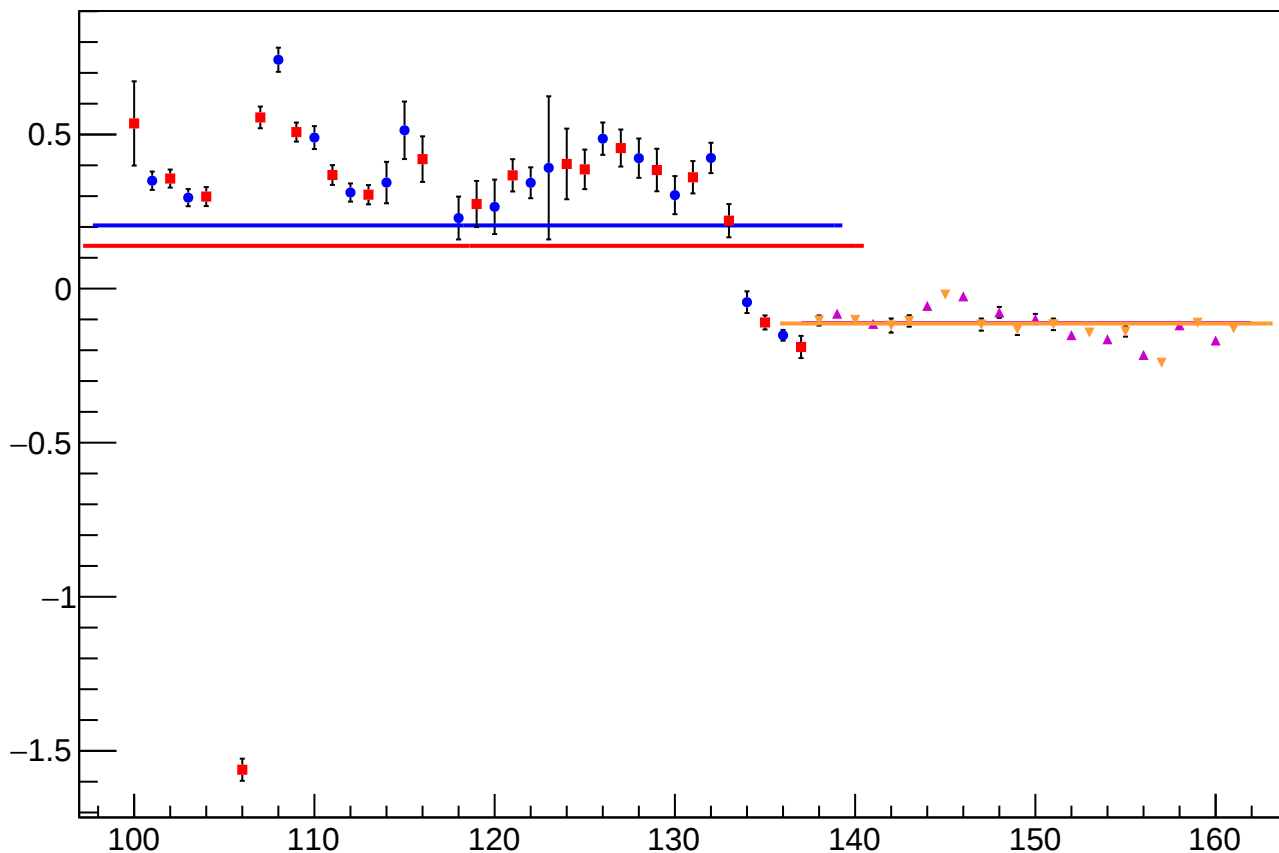
Right: 13.213 ± 0.122 $\chi^2/\text{NDF}: 14366.2/35$

In: 20.309 ± 0.081 $\chi^2/\text{NDF}: 9677.8/27$

Out: 20.662 ± 0.079 $\chi^2/\text{NDF}: 10538.6/31$

All: 20.489 ± 0.057 $\chi^2/\text{NDF}: 20226.2/59$

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.113 ± 0.004 $\chi^2/\text{NDF}: 172.3/12$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.112 ± 0.004 $\chi^2/\text{NDF}: 155.0/10$

Left: -0.112 ± 0.003 $\chi^2/\text{NDF}: 327.3/23$

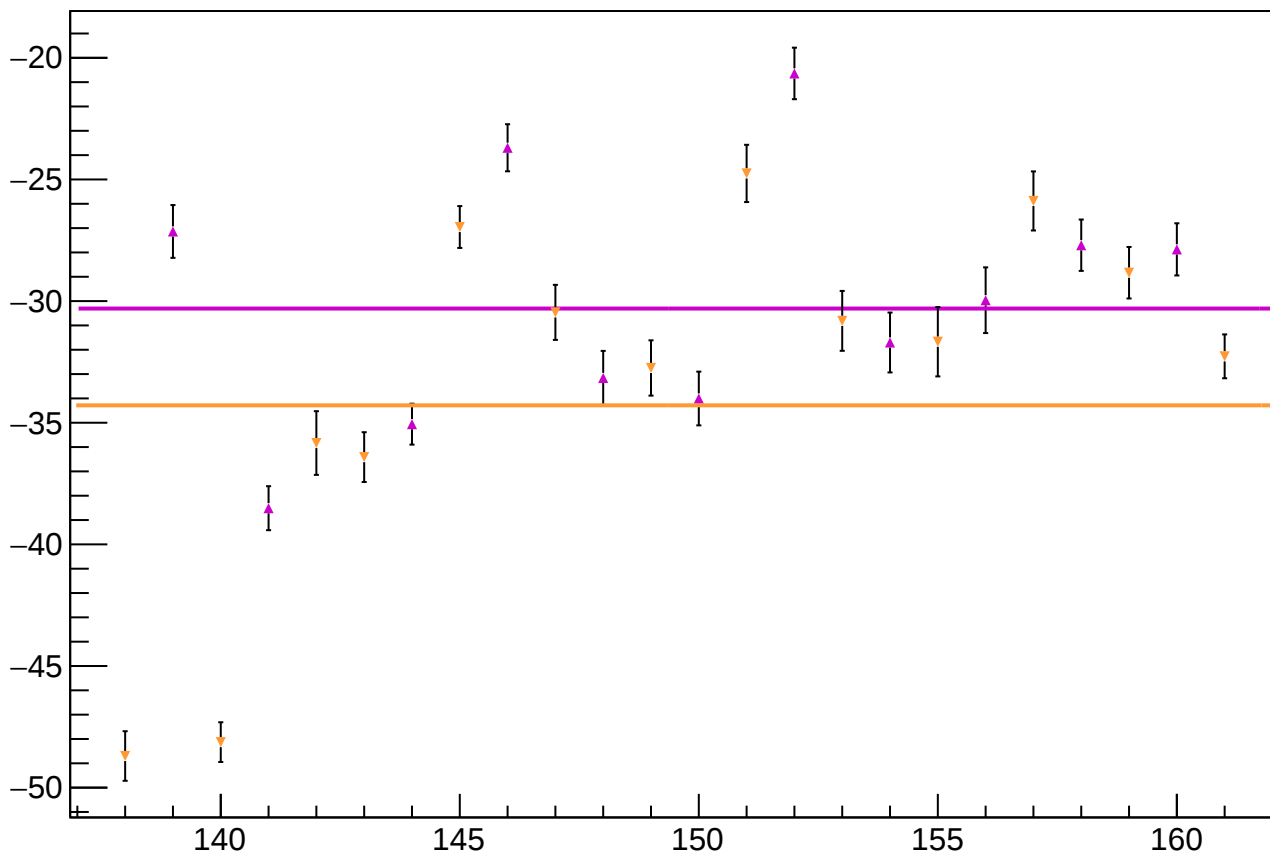
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.055 ± 0.004 $\chi^2/\text{NDF}: 1938.0/27$

Out: -0.069 ± 0.004 $\chi^2/\text{NDF}: 3809.3/31$

All: -0.062 ± 0.003 $\chi^2/\text{NDF}: 5754.4/59$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



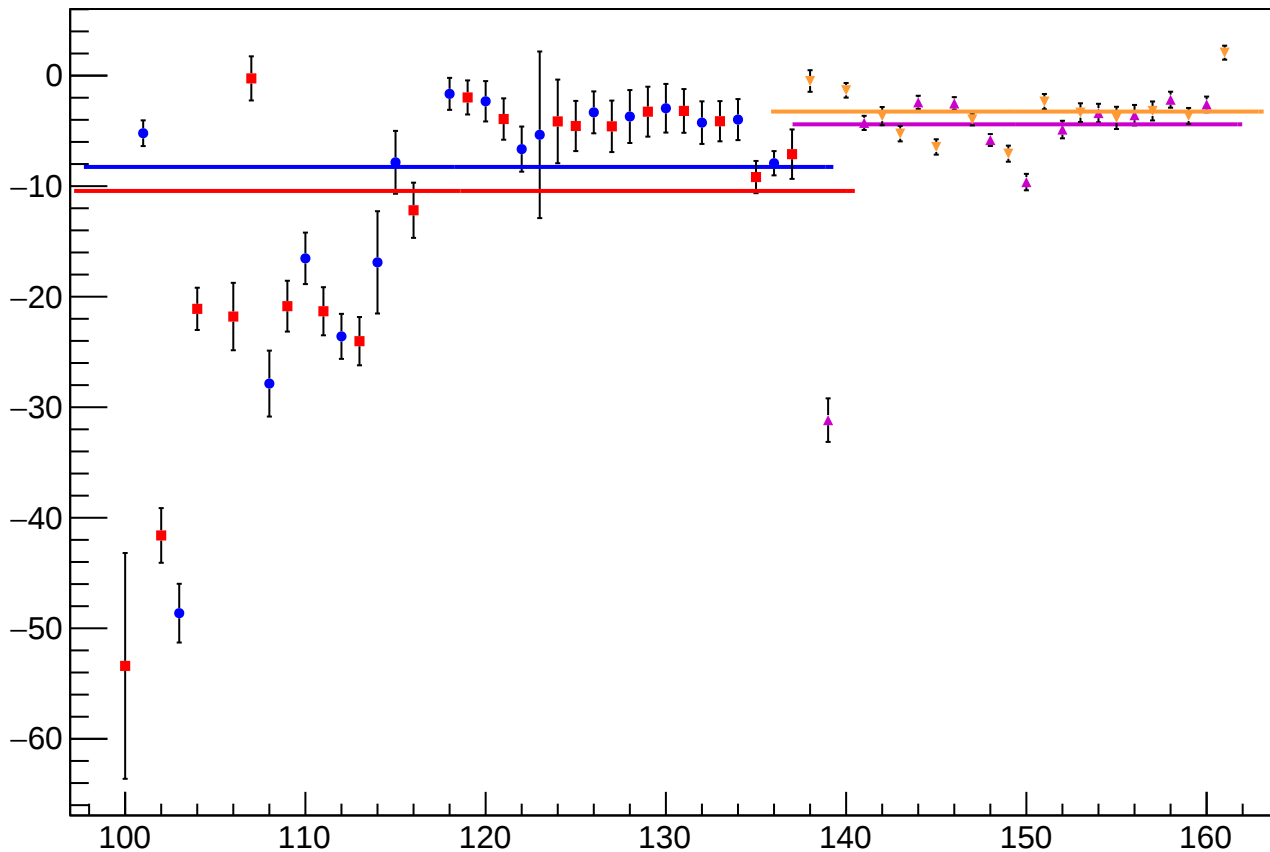
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.284+/-0.294 χ^2/NDF : 735.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.306+/-0.315 χ^2/NDF : 283.2/10

Left: -32.436+/-0.215 χ^2/NDF : 1103.7/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.306+/-0.315 χ^2/NDF : 283.2/10
 Out: -34.284+/-0.294 χ^2/NDF : 735.4/12

All: -32.436+/-0.215 χ^2/NDF : 1103.7/23

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.251 ± 0.202 $\chi^2/\text{NDF}: 148.2/12$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -4.407 ± 0.214 $\chi^2/\text{NDF}: 281.5/10$

Left: -3.797 ± 0.147 $\chi^2/\text{NDF}: 445.1/23$

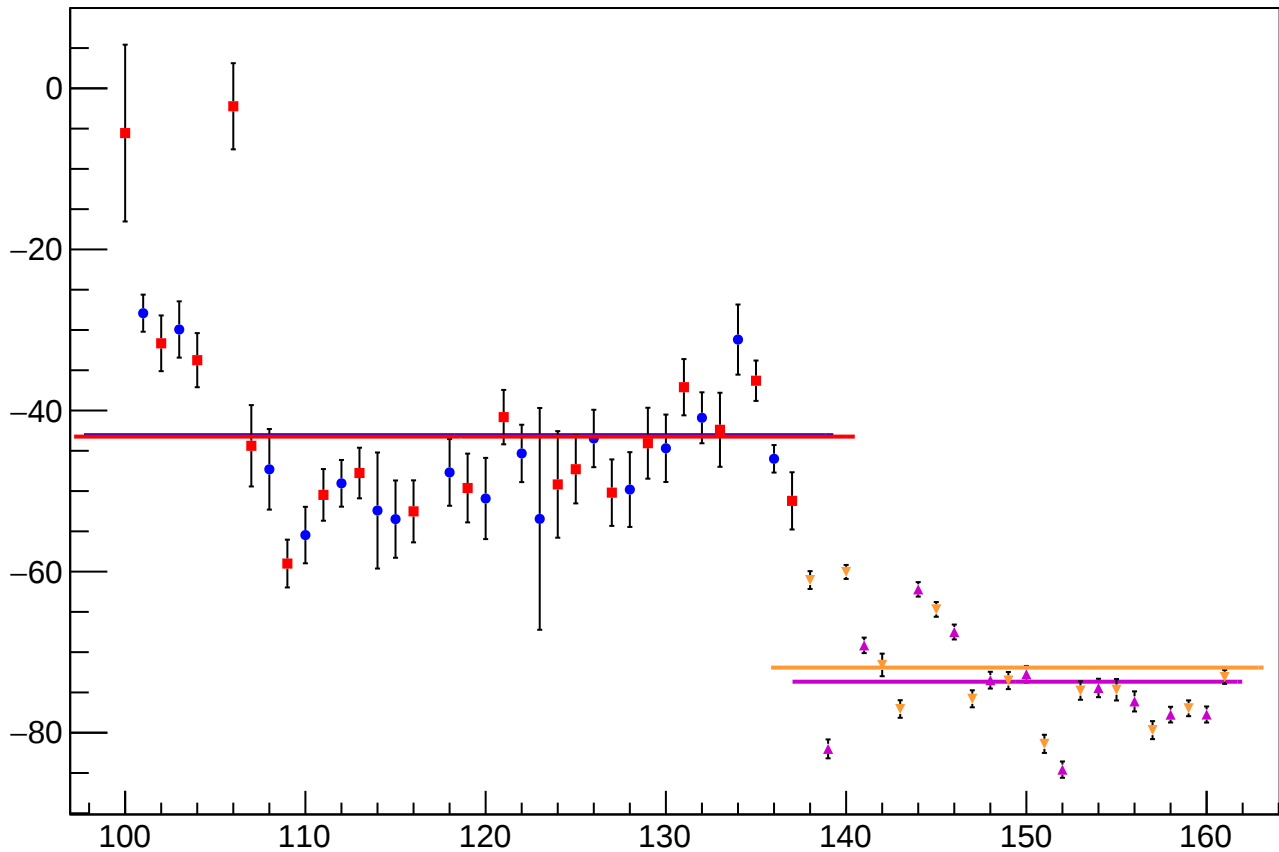
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -5.085 ± 0.194 $\chi^2/\text{NDF}: 750.6/27$

Out: -4.292 ± 0.187 $\chi^2/\text{NDF}: 760.1/31$

All: -4.673 ± 0.135 $\chi^2/\text{NDF}: 1519.3/59$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -71.914 ± 0.292 $\chi^2/\text{NDF}: 541.5/12$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -73.667 ± 0.309 $\chi^2/\text{NDF}: 434.4/10$

Left: -72.741 ± 0.212 $\chi^2/\text{NDF}: 993.0/23$

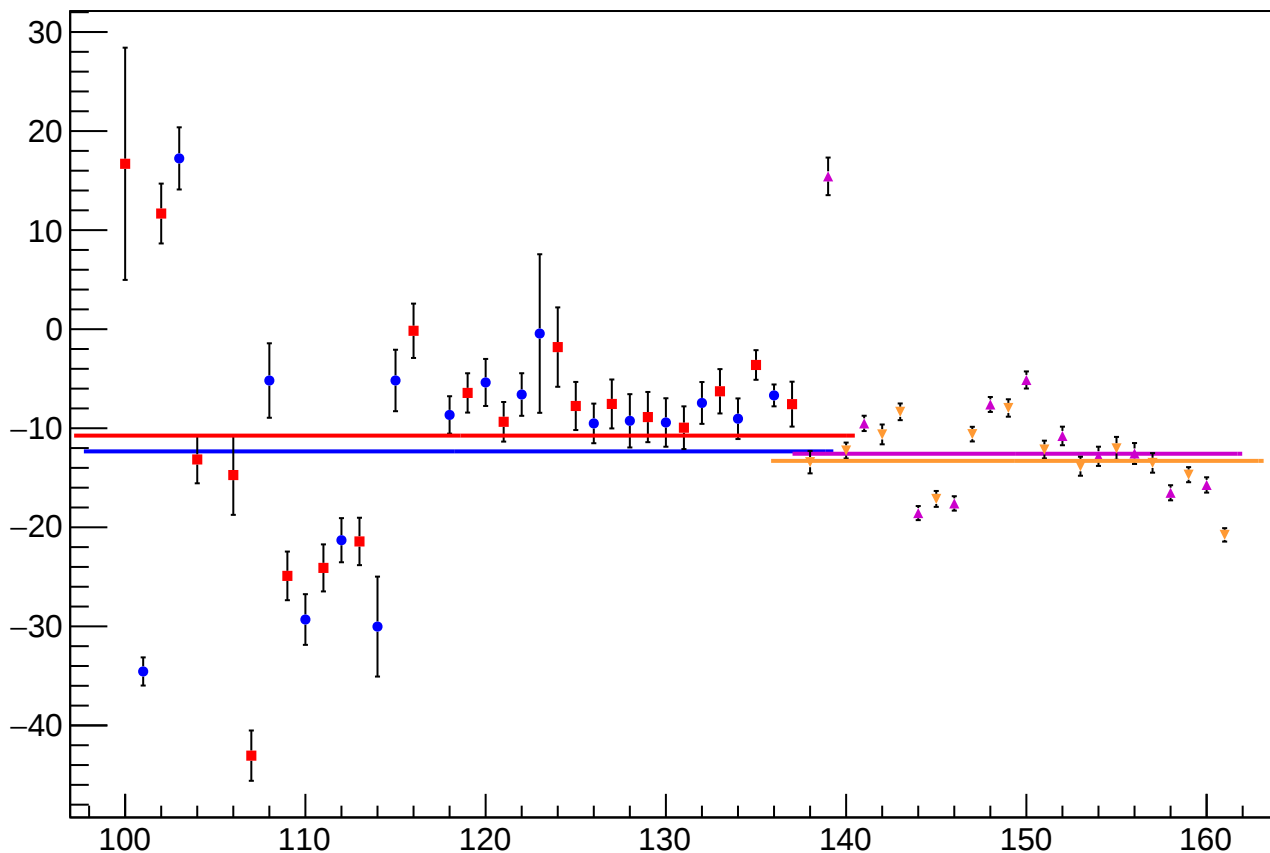
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -69.993 ± 0.289 $\chi^2/\text{NDF}: 1714.5/27$

Out: -68.996 ± 0.276 $\chi^2/\text{NDF}: 1680.6/31$

All: -69.471 ± 0.200 $\chi^2/\text{NDF}: 3401.3/59$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -13.294 ± 0.240 $\chi^2/\text{NDF}: 244.5/12$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -12.574 ± 0.255 $\chi^2/\text{NDF}: 516.8/10$

Left: -12.956 ± 0.175 $\chi^2/\text{NDF}: 765.5/23$

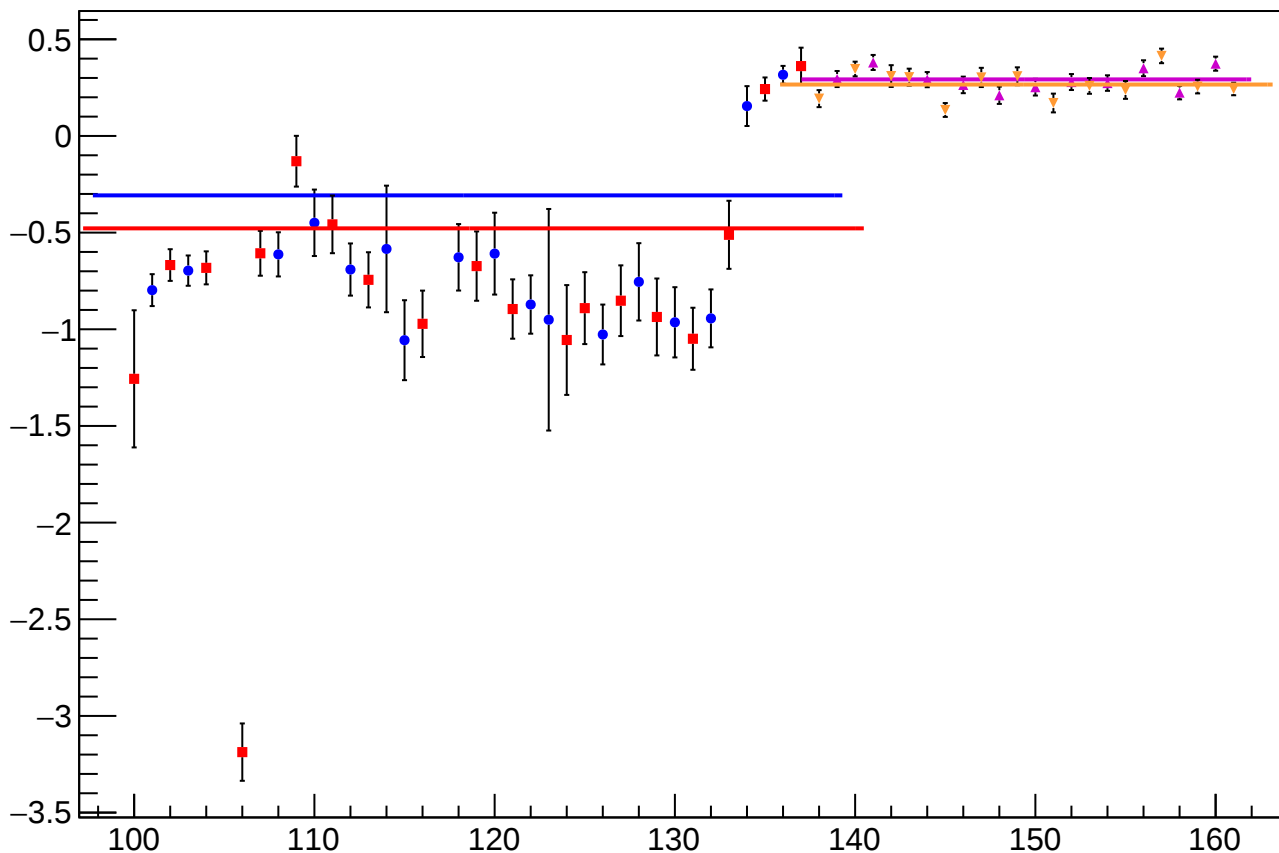
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -12.528 ± 0.229 $\chi^2/\text{NDF}: 992.1/27$

Out: -12.891 ± 0.220 $\chi^2/\text{NDF}: 629.3/31$

All: -12.717 ± 0.159 $\chi^2/\text{NDF}: 1622.7/59$

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: 0.266 ± 0.011 χ^2/NDF : 43.8/12

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.293 ± 0.012 χ^2/NDF : 20.9/10

Left: 0.279 ± 0.008 χ^2/NDF : 67.2/23

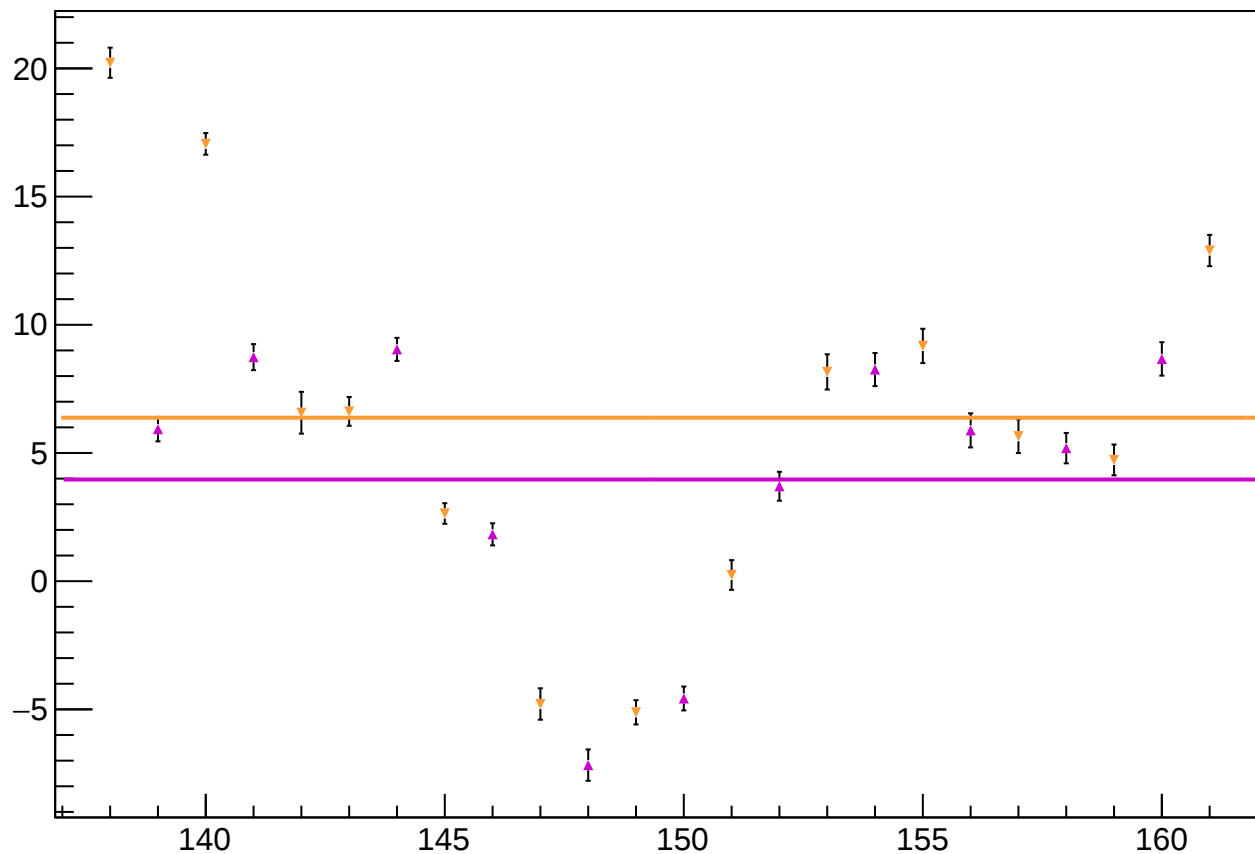
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.196 ± 0.011 χ^2/NDF : 791.2/27

Out: 0.163 ± 0.011 χ^2/NDF : 1261.3/31

All: 0.179 ± 0.008 χ^2/NDF : 2057.0/59

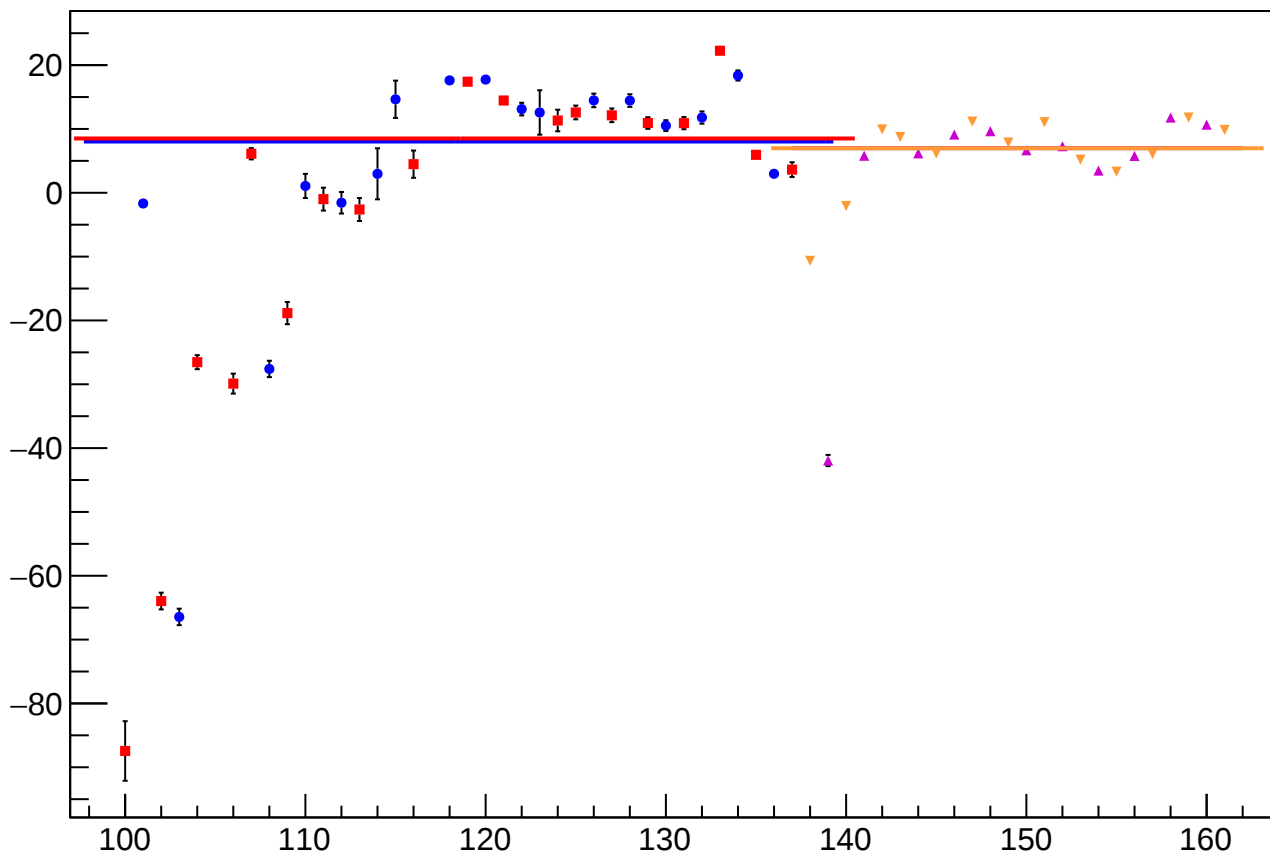
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 6.376 ± 0.155 $\chi^2/\text{NDF}: 2461.8/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 3.966 ± 0.160 $\chi^2/\text{NDF}: 1033.7/10$

Left: 5.212 ± 0.111 $\chi^2/\text{NDF}: 3612.2/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 3.966 ± 0.160 $\chi^2/\text{NDF}: 1033.7/10$
 Out: 6.376 ± 0.155 $\chi^2/\text{NDF}: 2461.8/12$
 All: 5.212 ± 0.111 $\chi^2/\text{NDF}: 3612.2/23$

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: 6.976 ± 0.108 χ^2/NDF : 2212.3/12

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.988 ± 0.112 χ^2/NDF : 3531.2/10

Left: 6.982 ± 0.078 χ^2/NDF : 5743.5/23

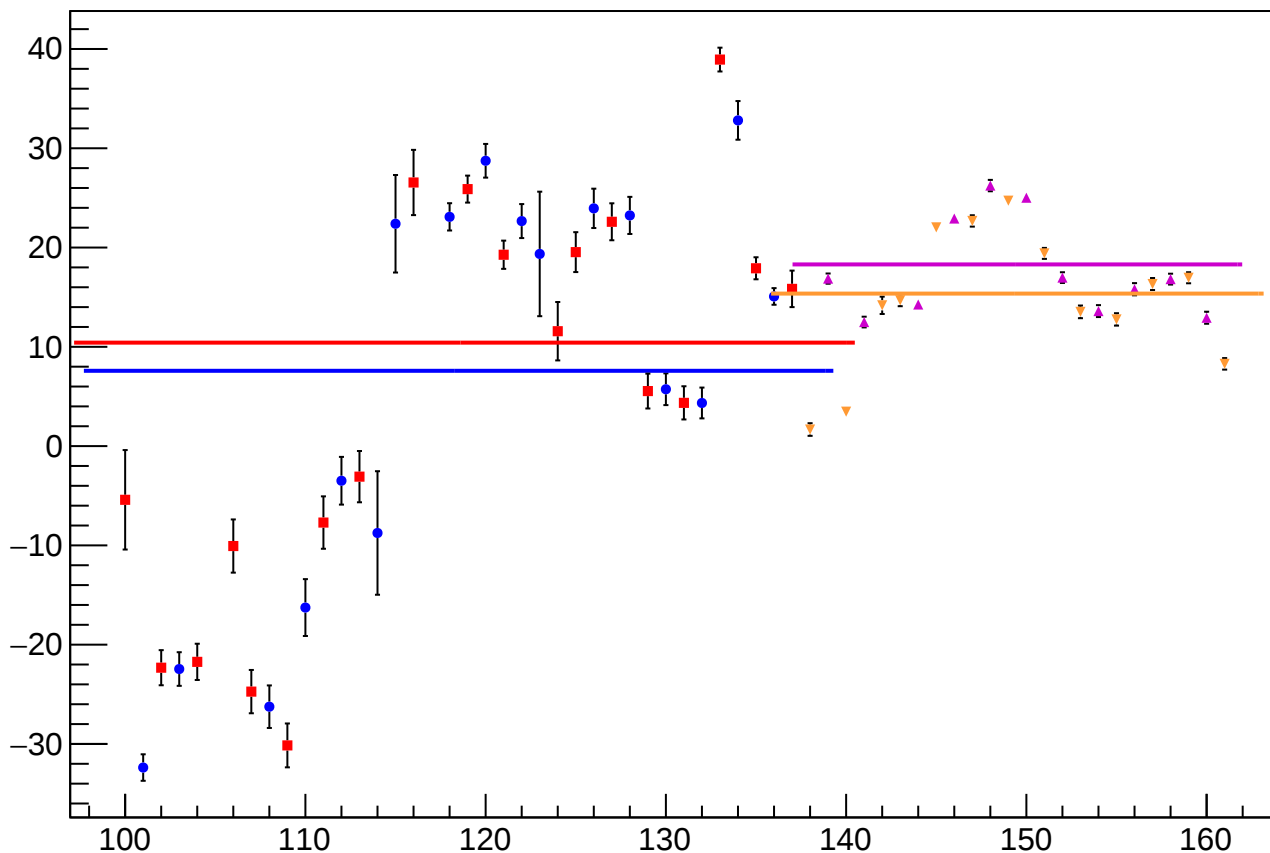
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 7.212 ± 0.100 χ^2/NDF : 8920.0/27

Out: 7.288 ± 0.096 χ^2/NDF : 8966.9/31

All: 7.251 ± 0.069 χ^2/NDF : 17887.2/59

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: 15.362 ± 0.154 χ^2/NDF : 2258.9/12

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 18.300 ± 0.157 χ^2/NDF : 916.7/10

Left: 16.798 ± 0.110 χ^2/NDF : 3354.5/23

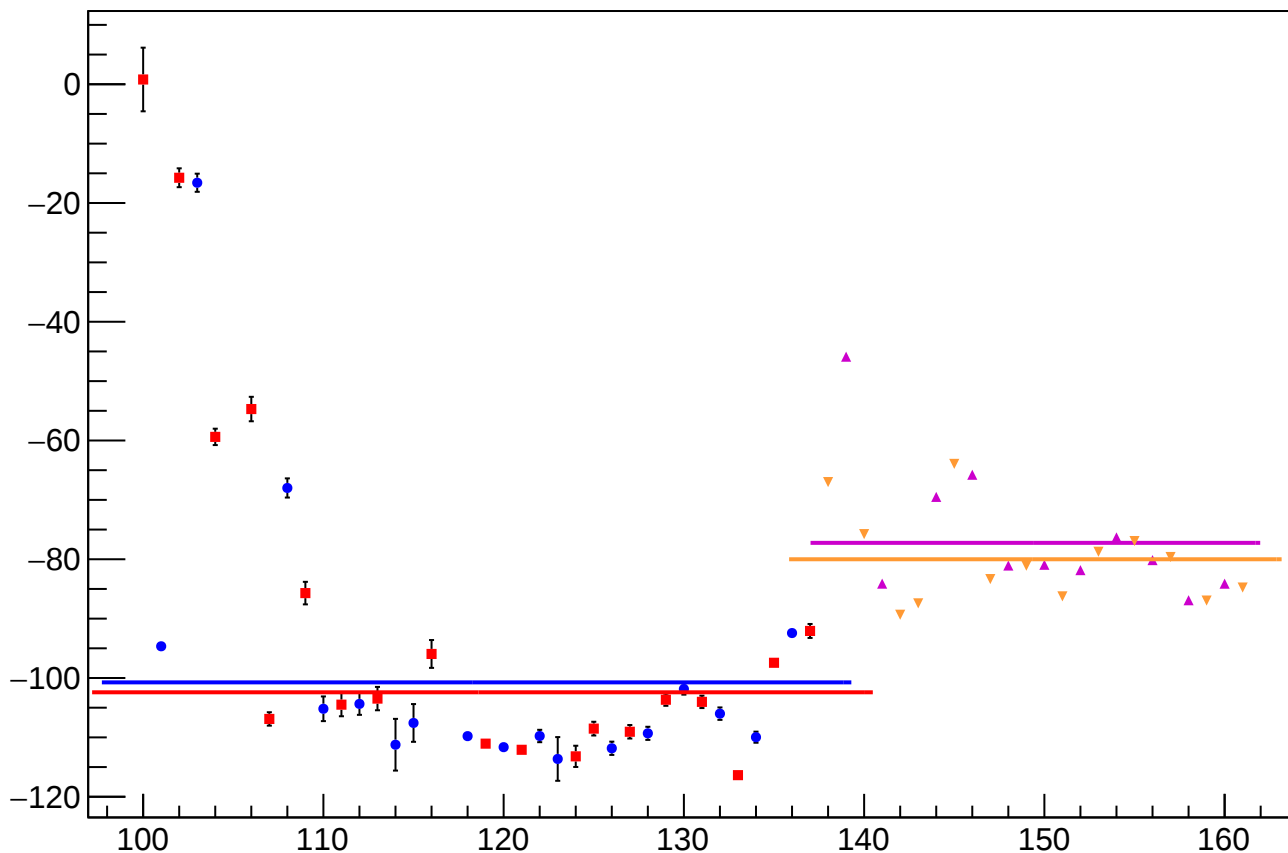
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 16.965 ± 0.147 χ^2/NDF : 3819.5/27

Out: 14.770 ± 0.144 χ^2/NDF : 4672.4/31

All: 15.846 ± 0.103 χ^2/NDF : 8605.7/59

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: -80.002 ± 0.128 $\chi^2/\text{NDF}: 3425.8/12$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -77.238 ± 0.133 $\chi^2/\text{NDF}: 4167.6/10$

Left: -78.673 ± 0.092 $\chi^2/\text{NDF}: 7818.0/23$

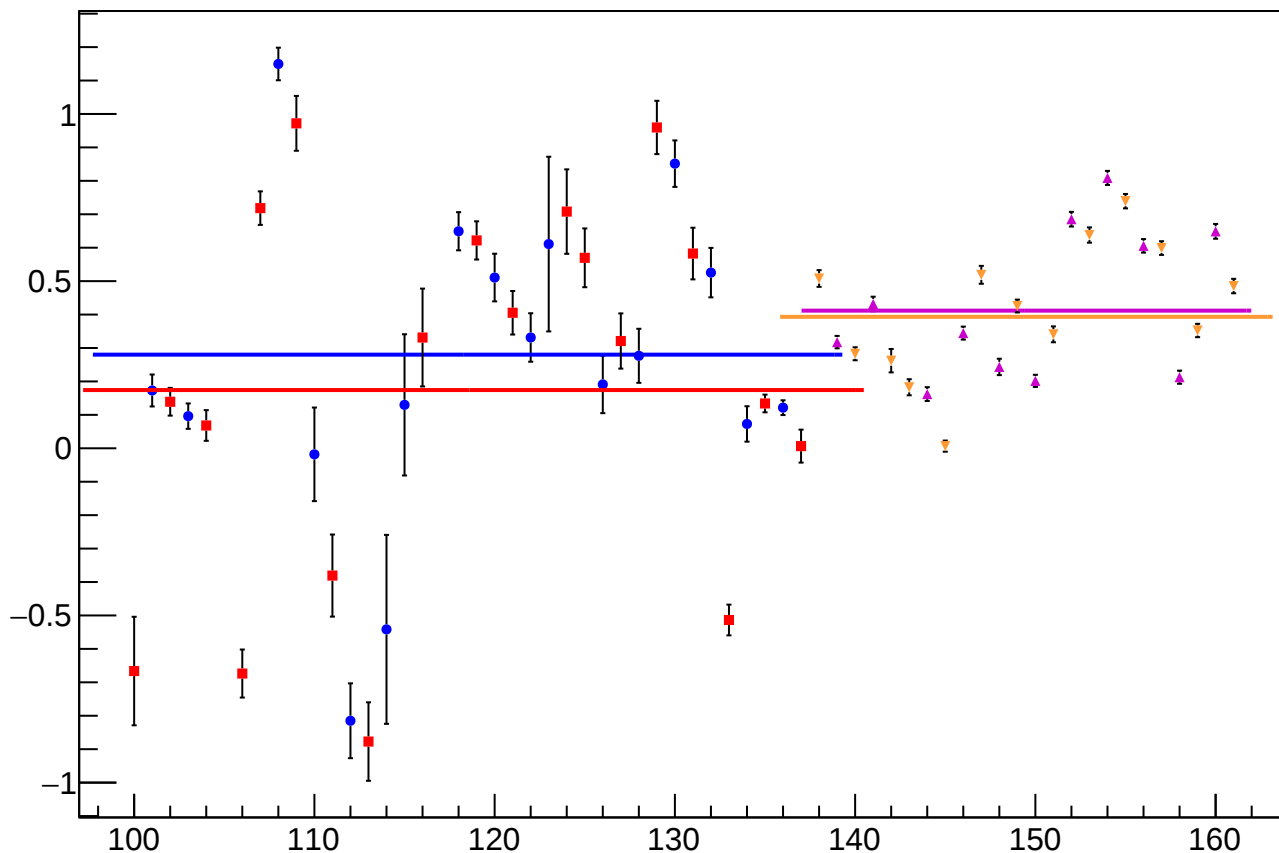
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -82.470 ± 0.117 $\chi^2/\text{NDF}: 15649.6/27$

Out: -84.772 ± 0.113 $\chi^2/\text{NDF}: 16051.2/31$

All: -83.658 ± 0.081 $\chi^2/\text{NDF}: 31900.0/59$

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: 0.393 ± 0.006 χ^2/NDF : 1208.4/12

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.412 ± 0.006 χ^2/NDF : 1184.0/10

Left: 0.402 ± 0.004 χ^2/NDF : 2397.0/23

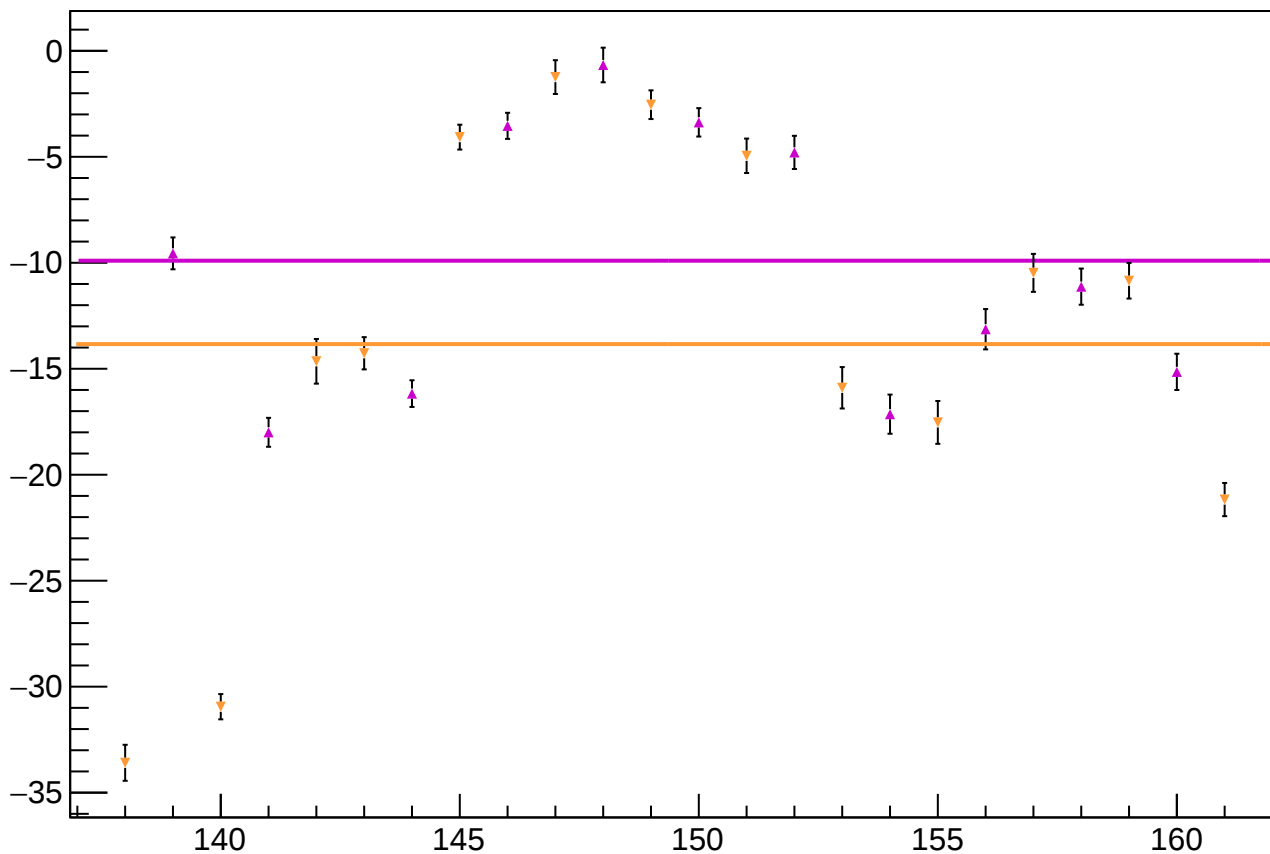
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.389 ± 0.006 χ^2/NDF : 1919.2/27

Out: 0.356 ± 0.006 χ^2/NDF : 2393.4/31

All: 0.372 ± 0.004 χ^2/NDF : 4329.6/59

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.837+/-0.217 χ^2/NDF :2422.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.901+/-0.227 χ^2/NDF :725.1/10

Left: -11.959+/-0.157 χ^2/NDF : 3305.4/23

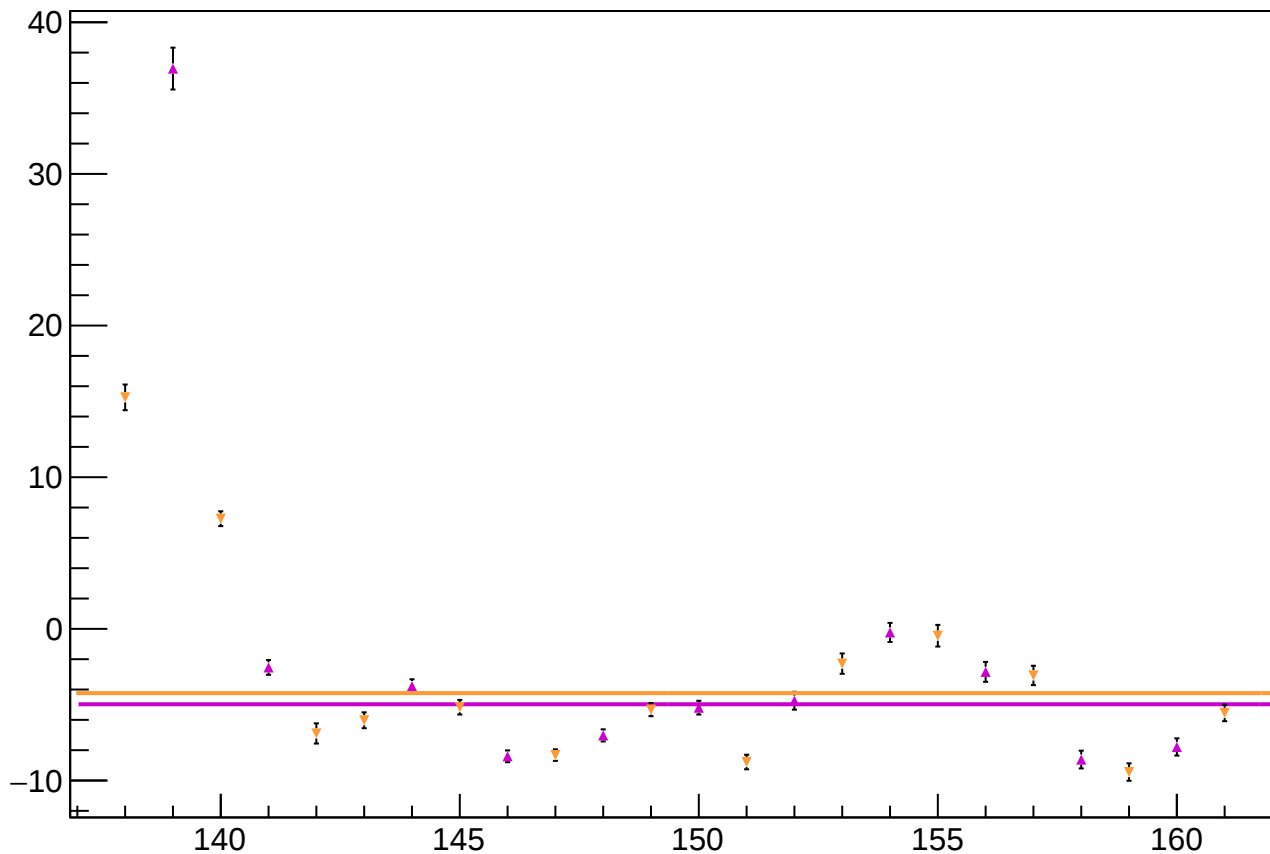
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.901+/-0.227 χ^2/NDF :725.1/10

Out: -13.837+/-0.217 χ^2/NDF :2422.7/12

All: -11.959+/-0.157 χ^2/NDF : 3305.4/23

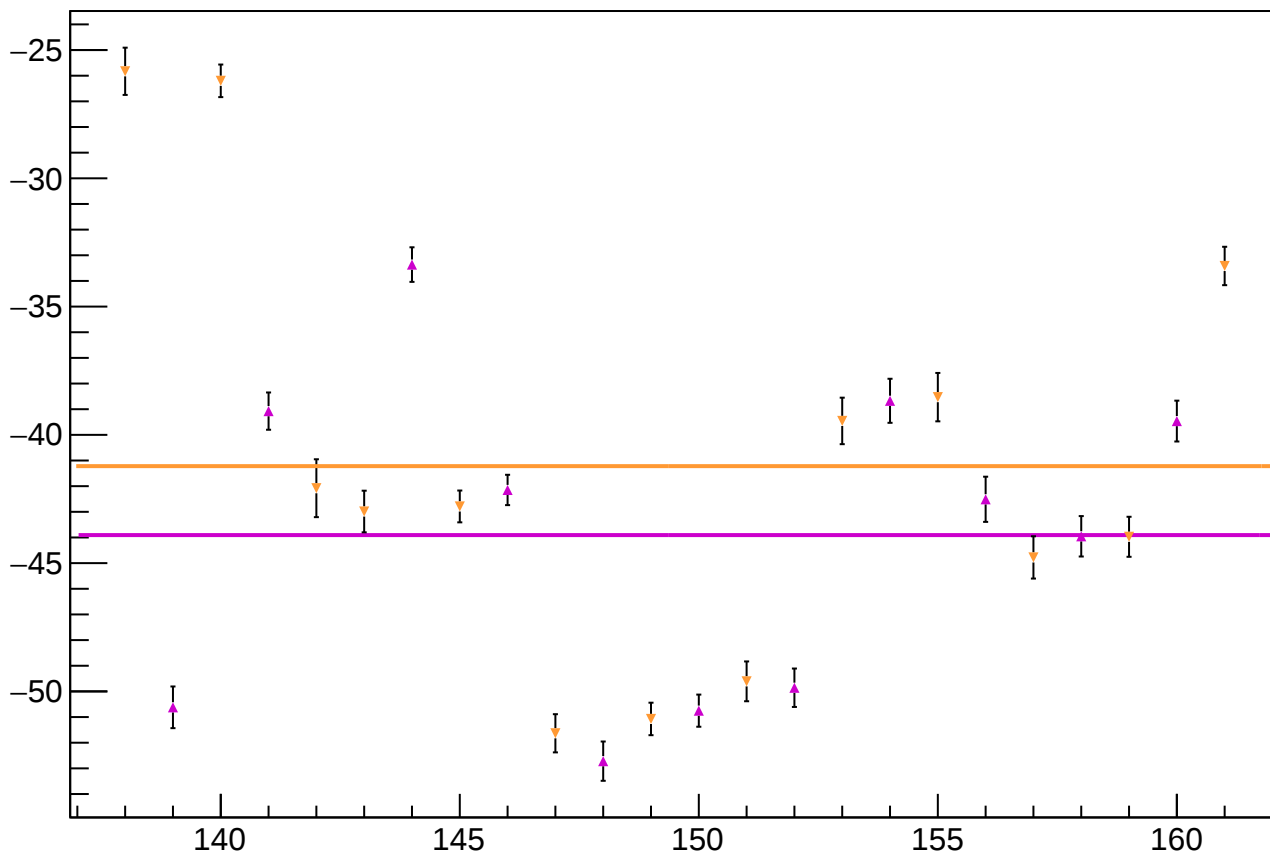
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -4.236 ± 0.149 $\chi^2/\text{NDF}: 1452.2/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.973 ± 0.156 $\chi^2/\text{NDF}: 1190.4/10$

Left: -4.587 ± 0.108 $\chi^2/\text{NDF}: 2654.3/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.973 ± 0.156 $\chi^2/\text{NDF}: 1190.4/10$
 Out: -4.236 ± 0.149 $\chi^2/\text{NDF}: 1452.2/12$
 All: -4.587 ± 0.108 $\chi^2/\text{NDF}: 2654.3/23$

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.907+/-0.222 χ^2/NDF :752.0/10

Left: -42.518+/-0.154 χ^2/NDF : 2385.3/23

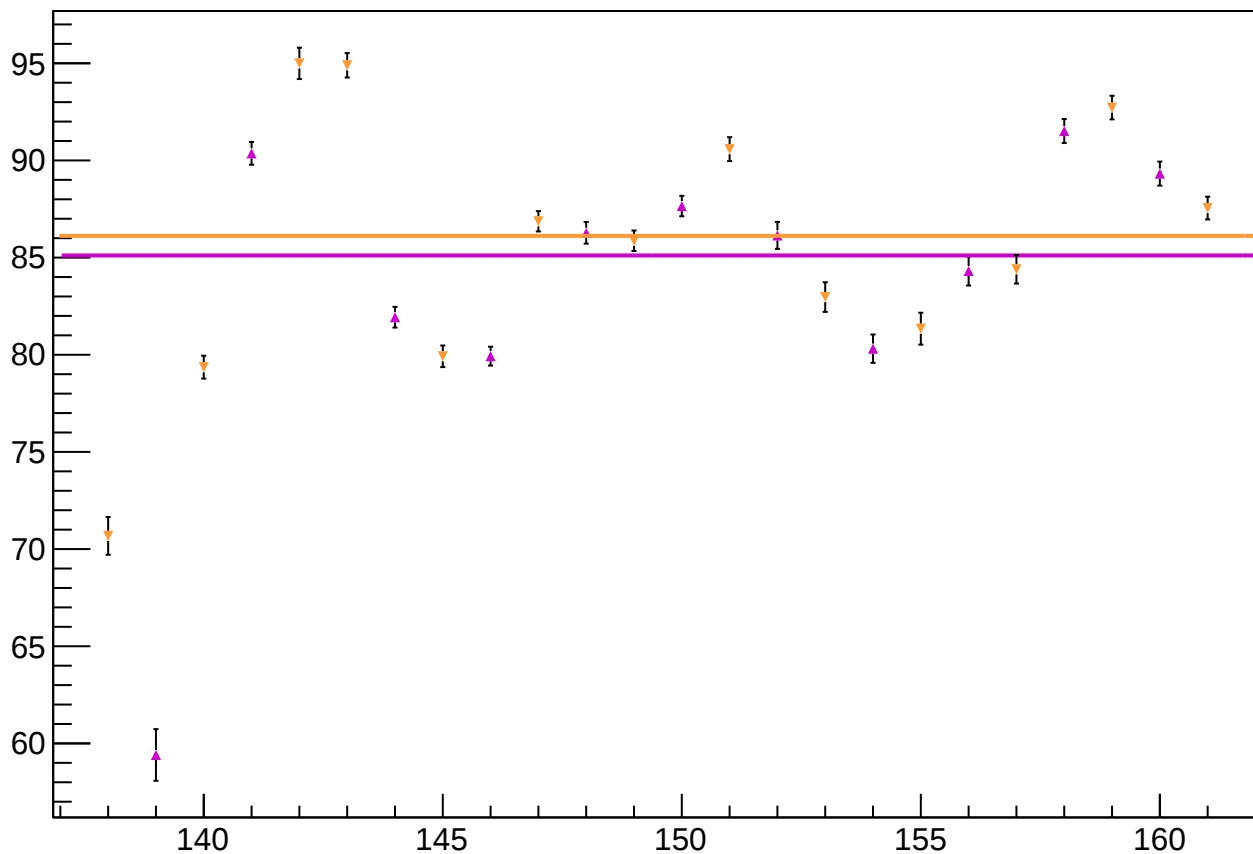
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.907+/-0.222 χ^2/NDF :752.0/10

Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

All: -42.518+/-0.154 χ^2/NDF : 2385.3/23

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 86.118+/-0.177 χ^2/NDF :1060.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 85.112+/-0.185 χ^2/NDF :832.4/10

Left: 85.638+/-0.128 χ^2/NDF : 1908.5/23

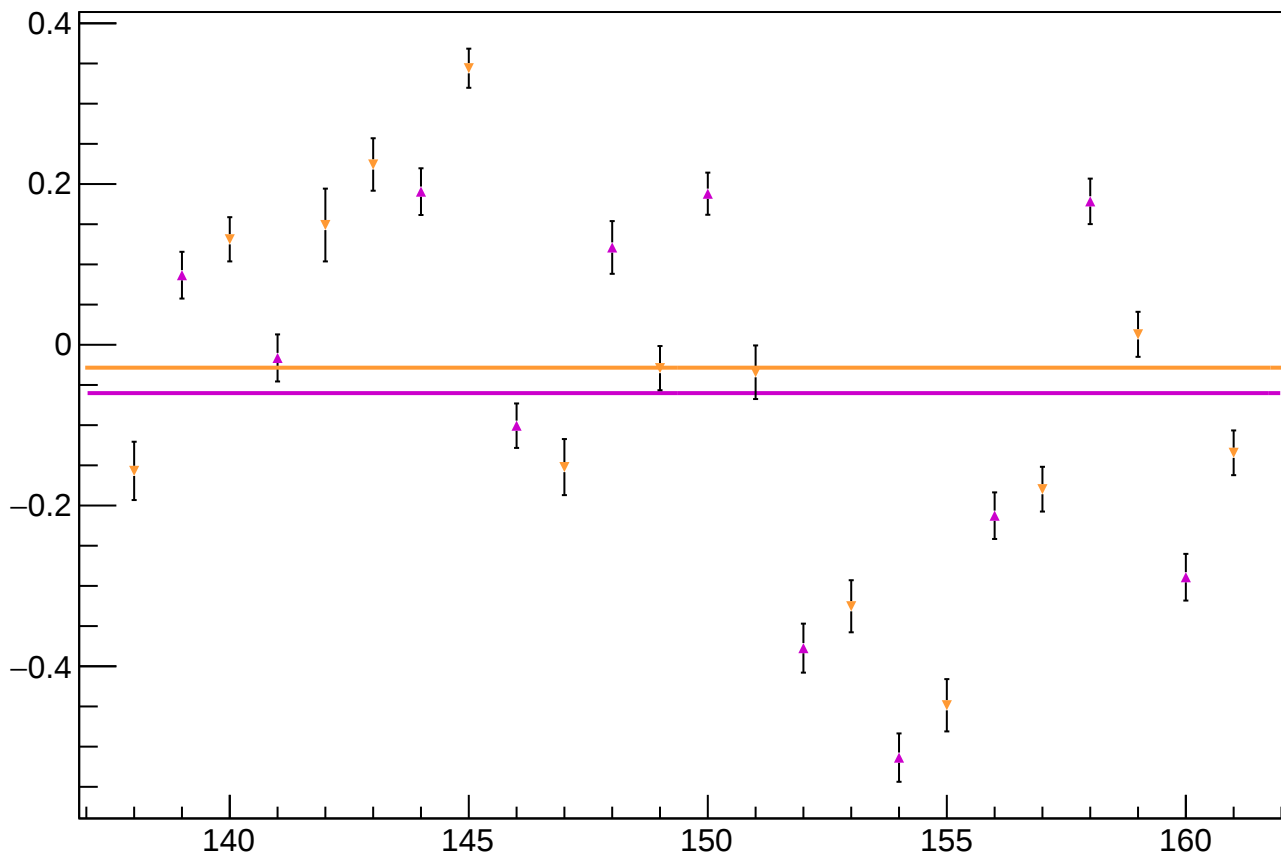
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.112+/-0.185 χ^2/NDF :832.4/10

Out: 86.118+/-0.177 χ^2/NDF :1060.7/12

All: 85.638+/-0.128 χ^2/NDF : 1908.5/23

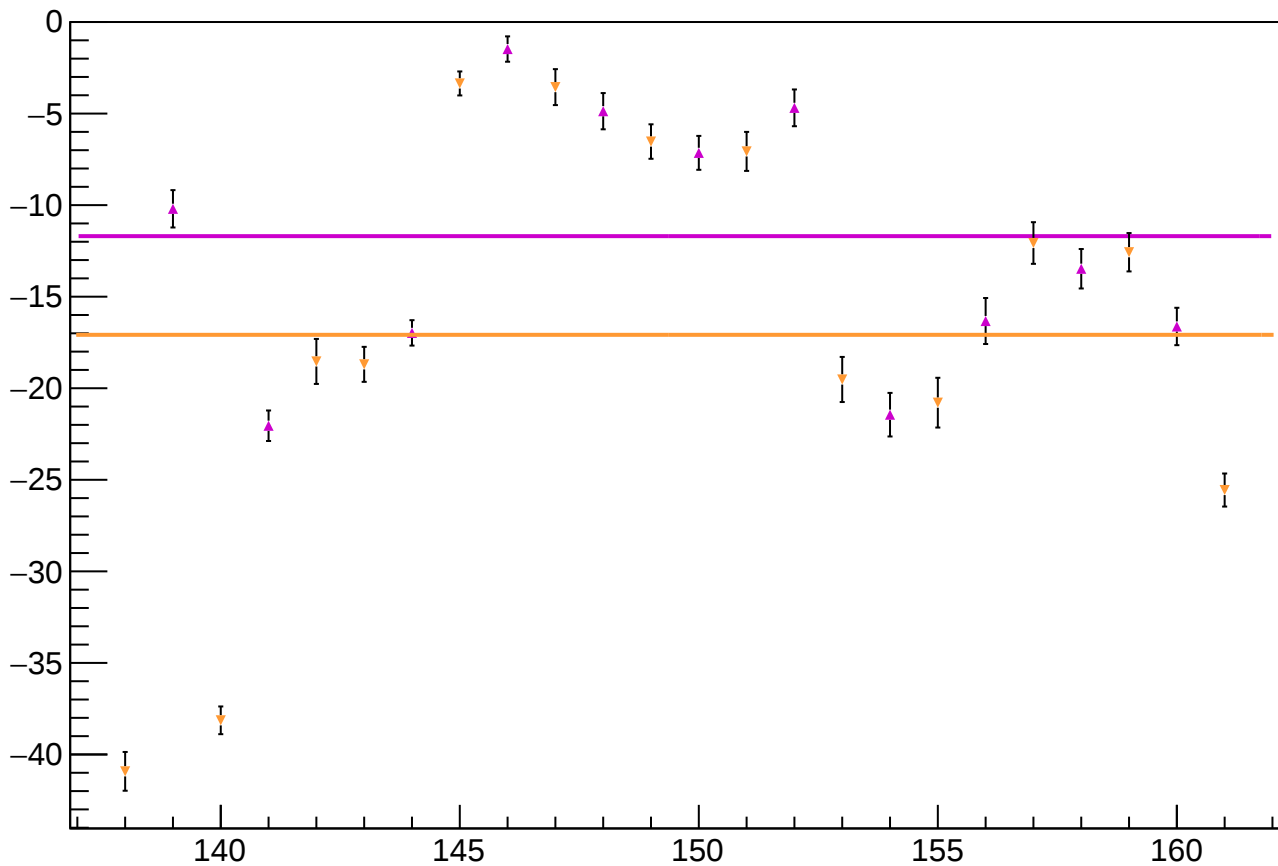
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.028+/-0.008 χ^2/NDF : 665.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.060+/-0.009 χ^2/NDF : 720.8/10

Left: -0.044+/-0.006 χ^2/NDF : 1392.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.060+/-0.009 χ^2/NDF : 720.8/10
 Out: -0.028+/-0.008 χ^2/NDF : 665.2/12
 All: -0.044+/-0.006 χ^2/NDF : 1392.8/23

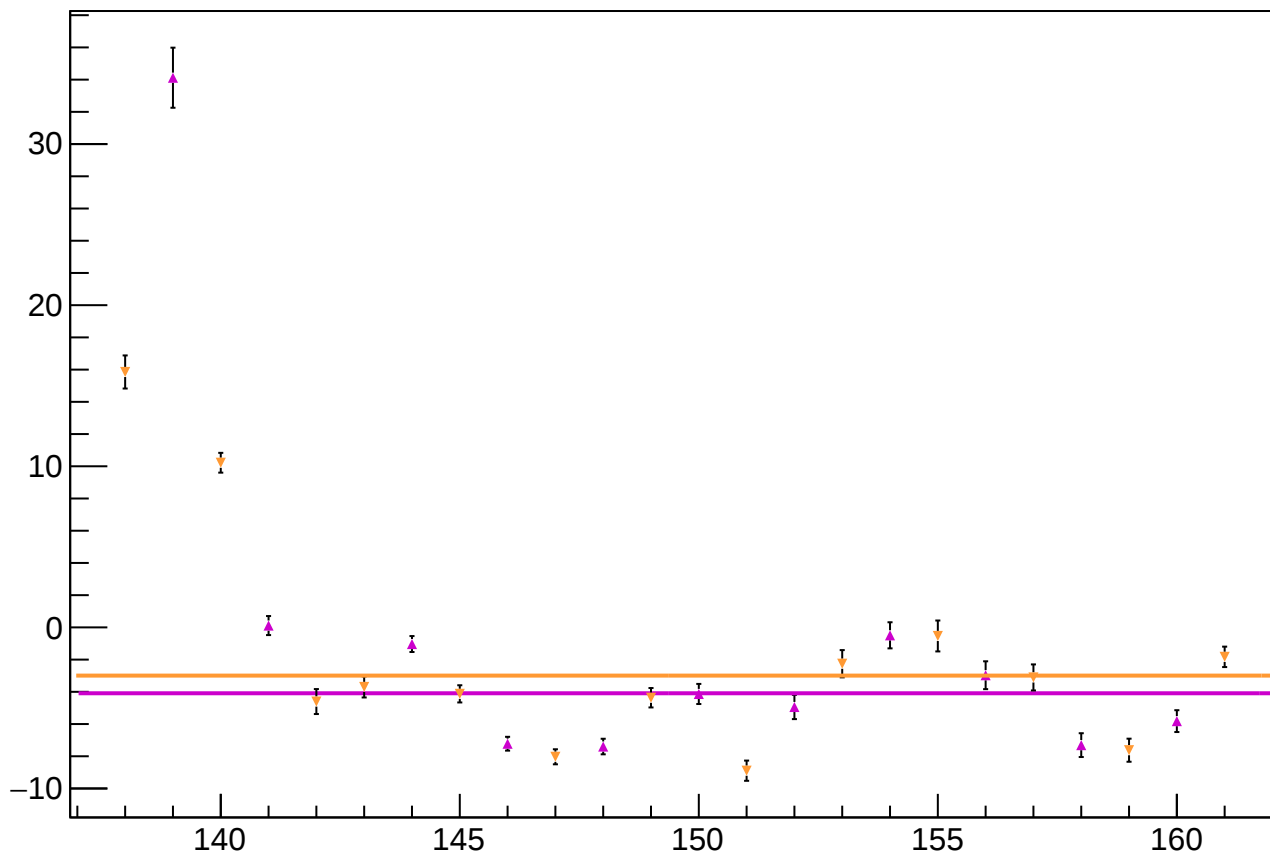
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.083+/-0.268 χ^2/NDF : 2266.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.694+/-0.278 χ^2/NDF : 659.7/10

Left: -14.487+/-0.193 χ^2/NDF : 3120.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.694+/-0.278 χ^2/NDF : 659.7/10
 Out: -17.083+/-0.268 χ^2/NDF : 2266.0/12
 All: -14.487+/-0.193 χ^2/NDF : 3120.0/23

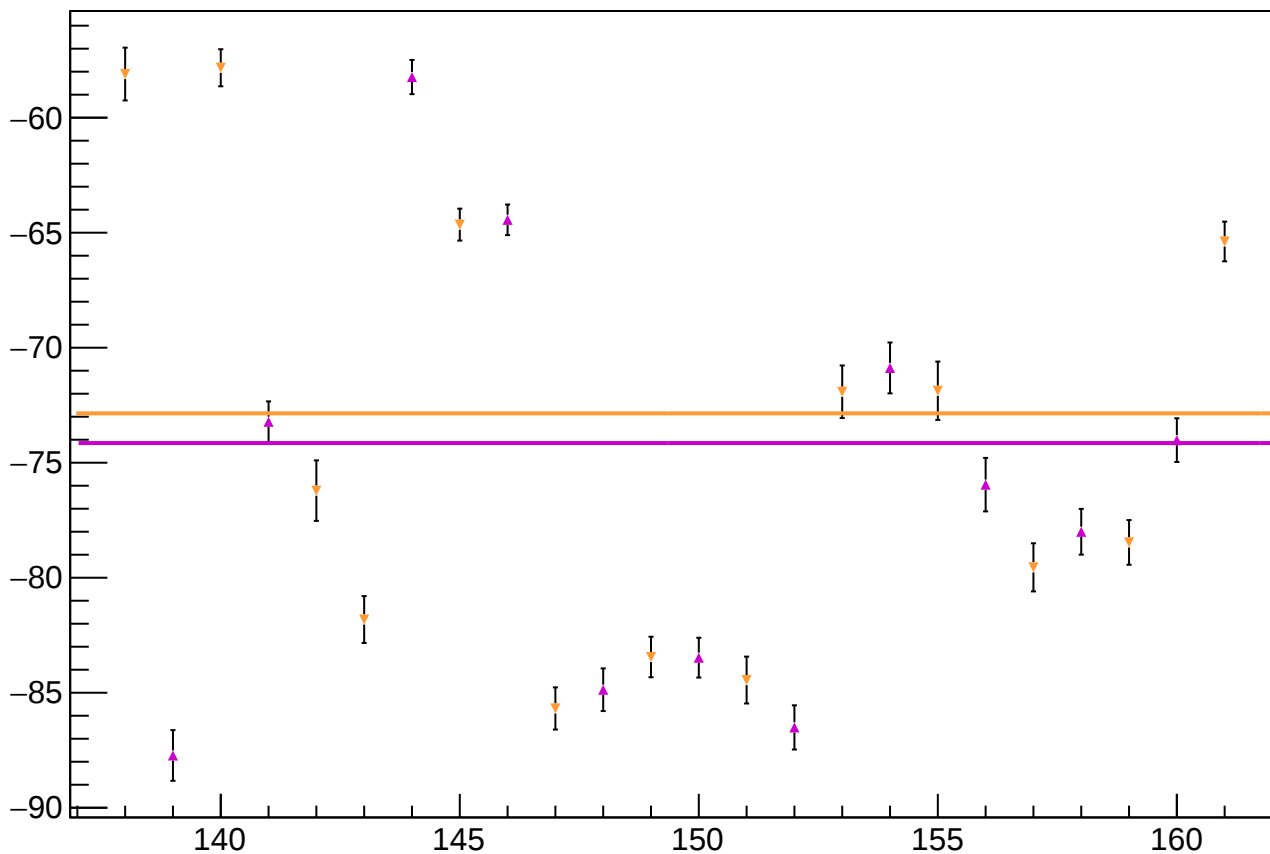
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.089+/-0.188 χ^2/NDF :656.9/10

Left: -3.529+/-0.132 χ^2/NDF : 1746.2/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.089+/-0.188 χ^2/NDF :656.9/10
 Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 All: -3.529+/-0.132 χ^2/NDF : 1746.2/23

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.854+/-0.267 χ^2/NDF :1357.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.145+/-0.273 χ^2/NDF :1265.6/10

Left: -73.484+/-0.191 χ^2/NDF : 2634.1/23

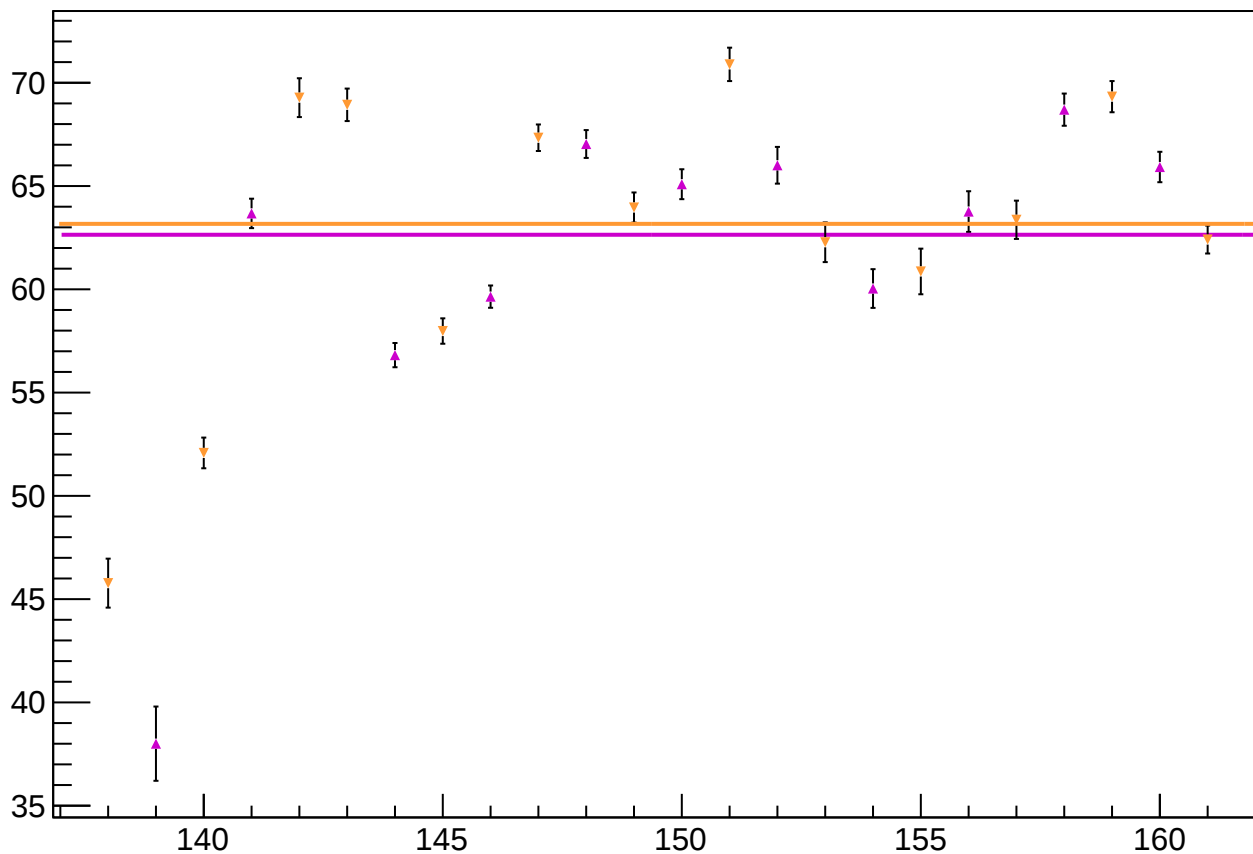
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.145+/-0.273 χ^2/NDF :1265.6/10

Out: -72.854+/-0.267 χ^2/NDF :1357.1/12

All: -73.484+/-0.191 χ^2/NDF : 2634.1/23

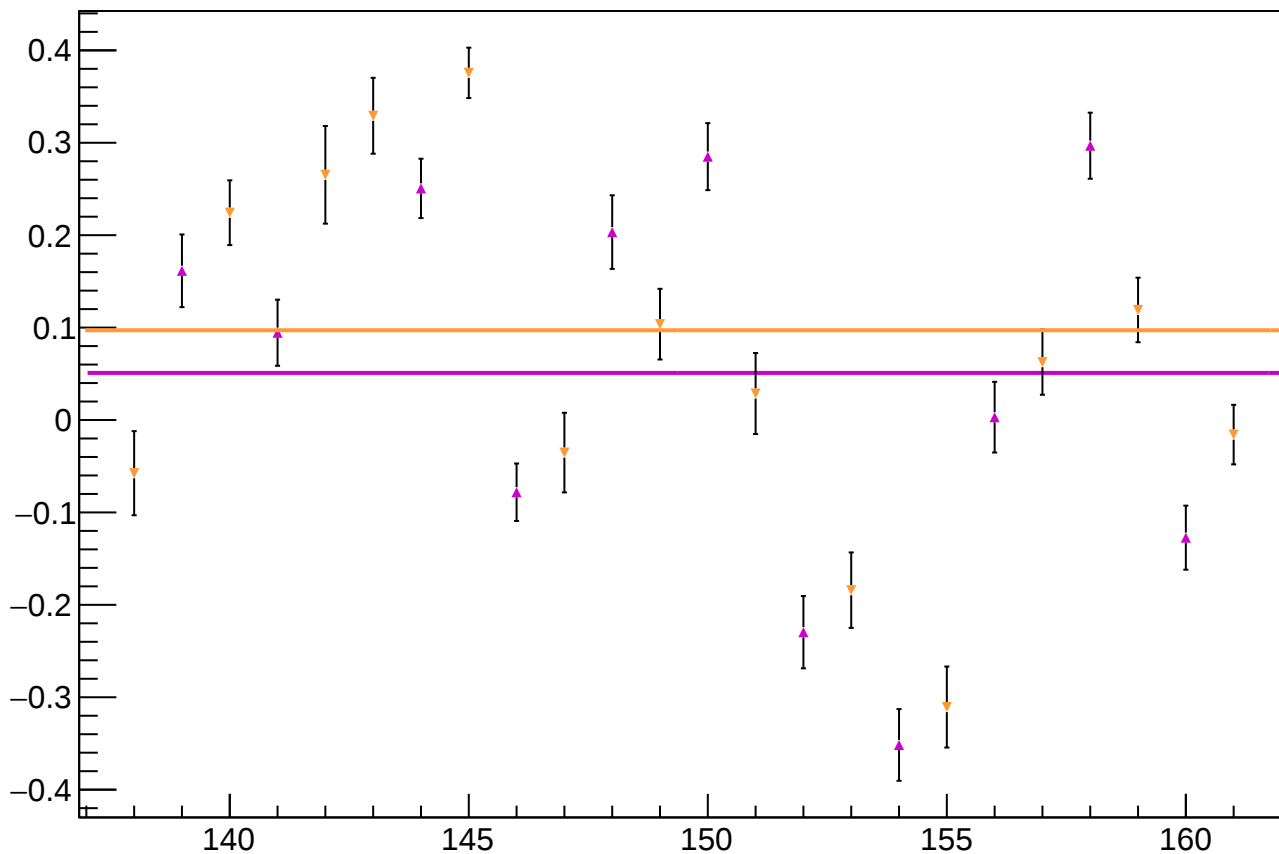
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.169+/-0.219 χ^2/NDF :812.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 62.641+/-0.226 χ^2/NDF :477.0/10

Left: 62.912+/-0.157 χ^2/NDF : 1292.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.641+/-0.226 χ^2/NDF :477.0/10
 Out: 63.169+/-0.219 χ^2/NDF :812.9/12
 All: 62.912+/-0.157 χ^2/NDF : 1292.6/23

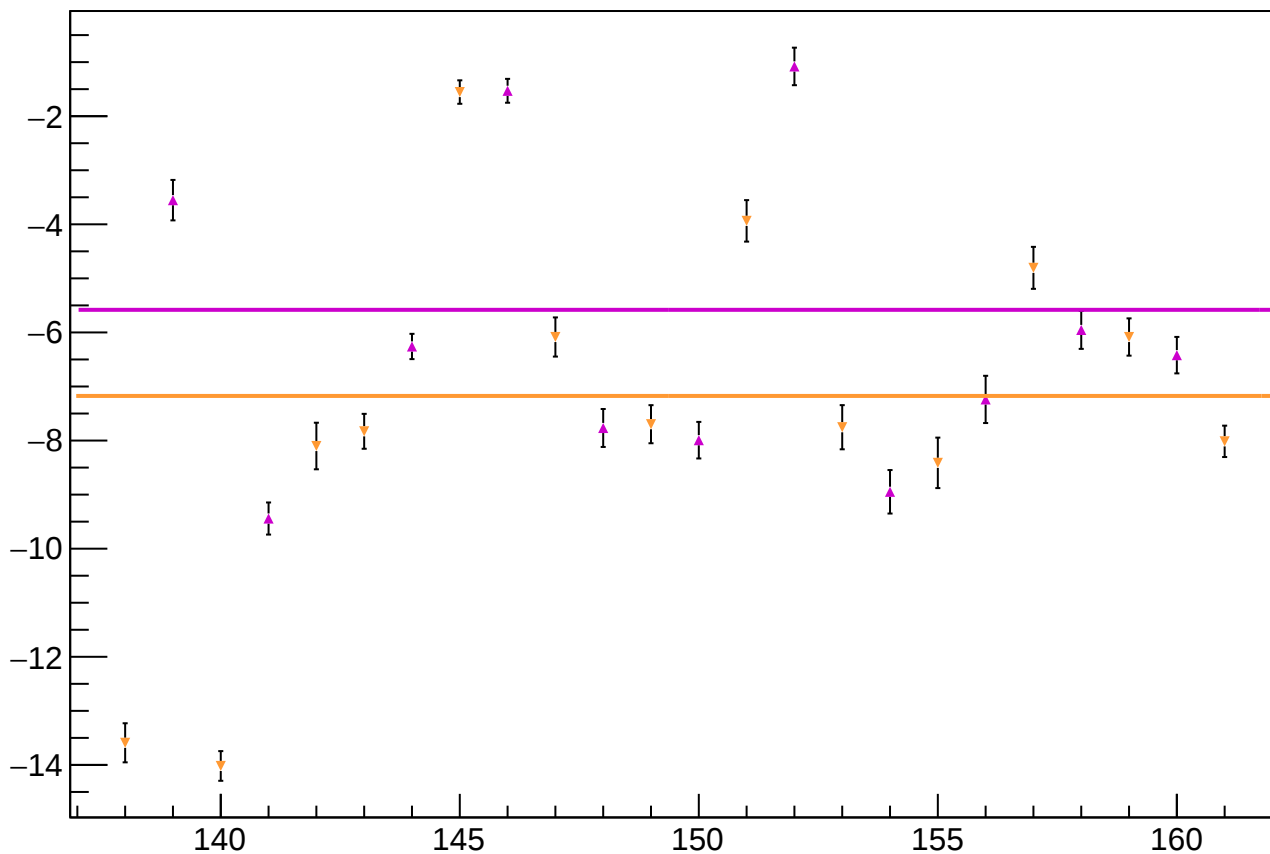
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.097 $\pm$ 0.011 χ^2 /NDF:330.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10

Left: 0.075 $\pm$ 0.008 χ^2 /NDF: 696.1/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10
 Out: 0.097 $\pm$ 0.011 χ^2 /NDF:330.8/12
 All: 0.075 $\pm$ 0.008 χ^2 /NDF: 696.1/23

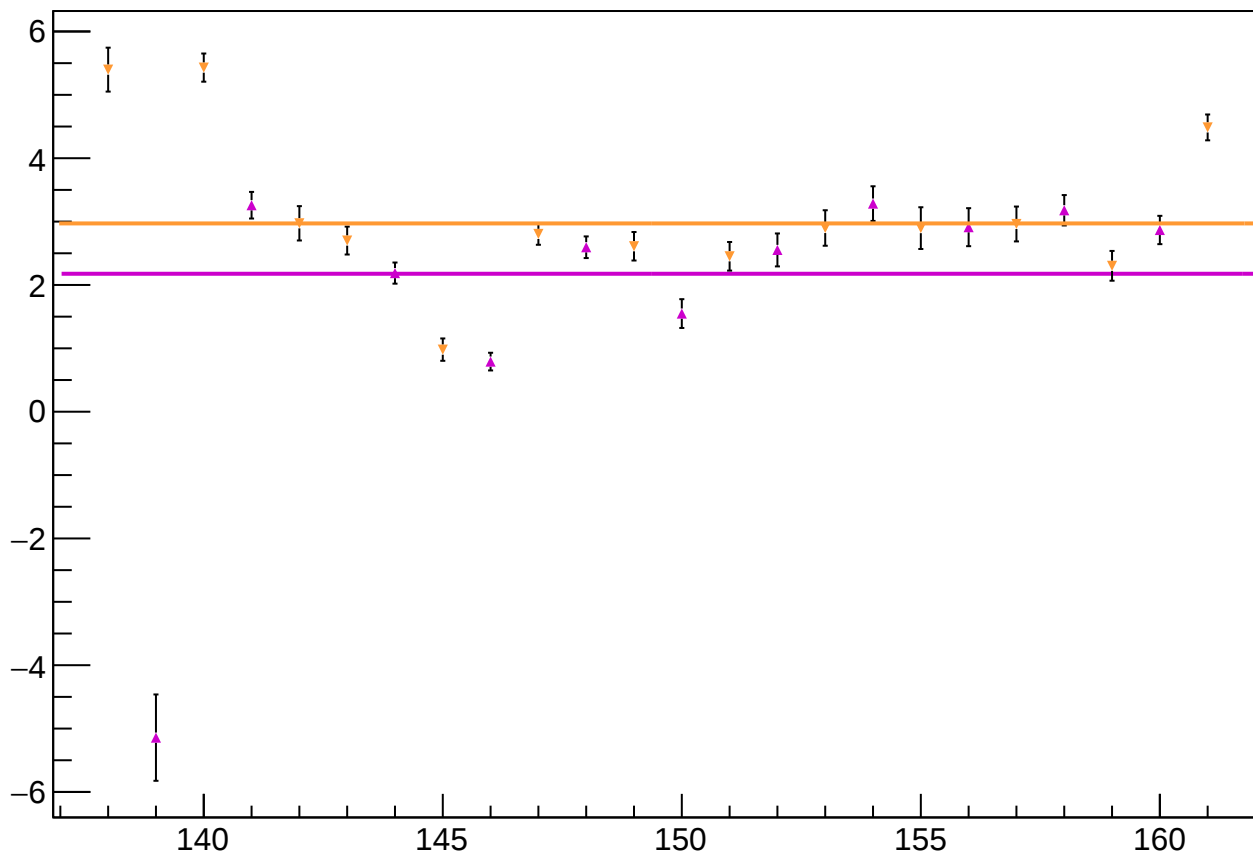
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.175 $\pm$ 0.092 χ^2 /NDF:1762.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.582 $\pm$ 0.095 χ^2 /NDF:892.9/10

Left: -6.400 $\pm$ 0.066 χ^2 /NDF: 2800.2/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.582 $\pm$ 0.095 χ^2 /NDF:892.9/10
 Out: -7.175 $\pm$ 0.092 χ^2 /NDF:1762.9/12
 All: -6.400 $\pm$ 0.066 χ^2 /NDF: 2800.2/23

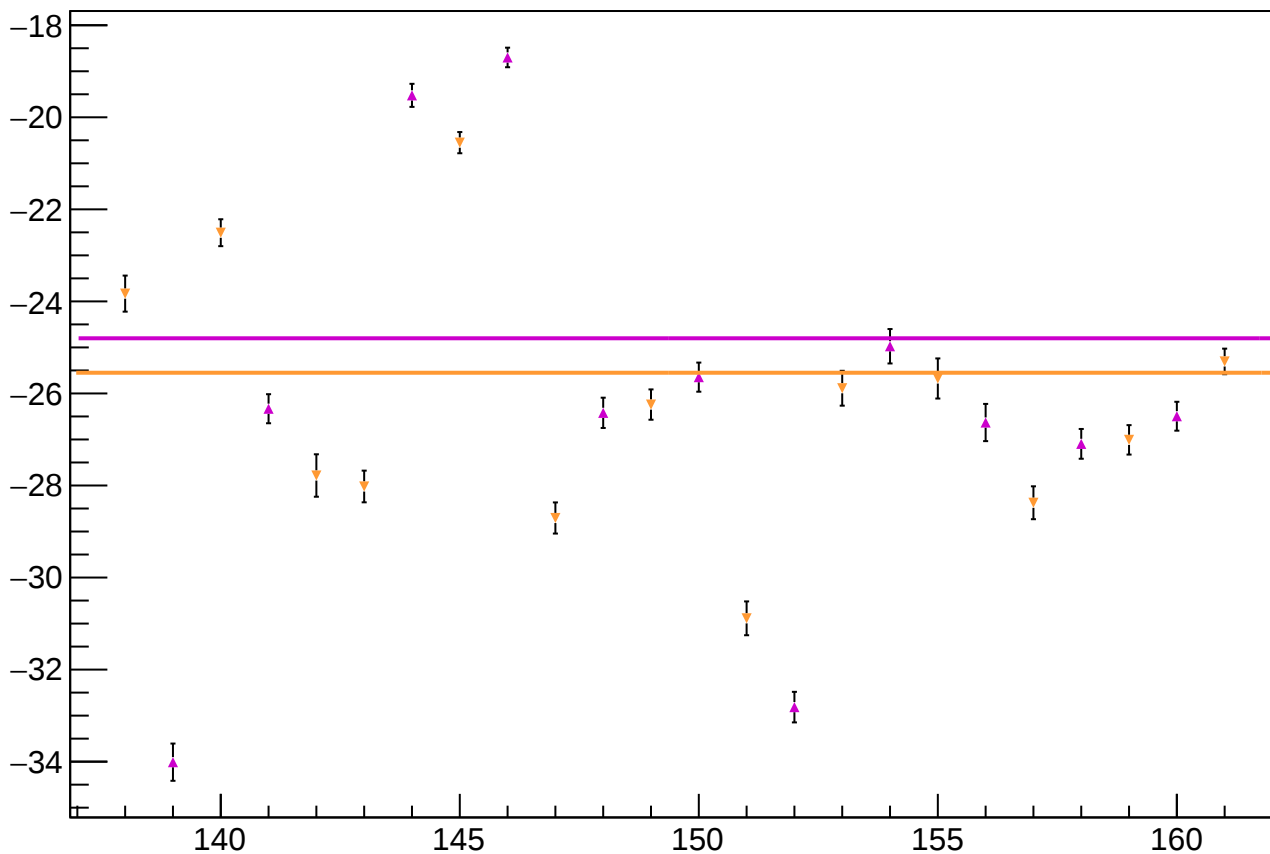
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.971+/-0.064 χ^2/NDF :372.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.177+/-0.064 χ^2/NDF :305.7/10

Left: 2.577+/-0.045 χ^2/NDF : 755.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.177+/-0.064 χ^2/NDF :305.7/10
 Out: 2.971+/-0.064 χ^2/NDF :372.6/12
 All: 2.577+/-0.045 χ^2/NDF : 755.4/23

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.550+/-0.092 χ^2/NDF :1060.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.802+/-0.093 χ^2/NDF :2523.8/10

Left: -25.180+/-0.065 χ^2/NDF : 3617.2/23

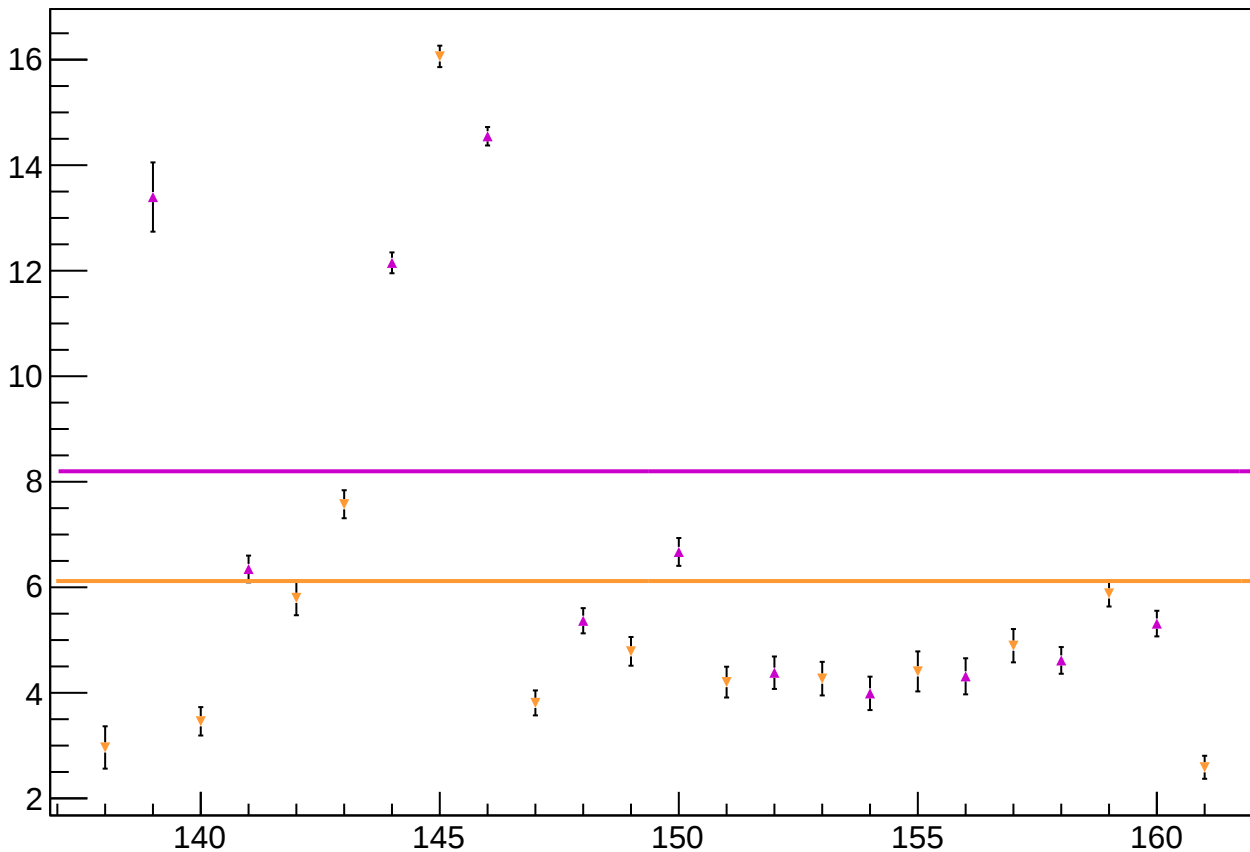
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.802+/-0.093 χ^2/NDF :2523.8/10

Out: -25.550+/-0.092 χ^2/NDF :1060.6/12

All: -25.180+/-0.065 χ^2/NDF : 3617.2/23

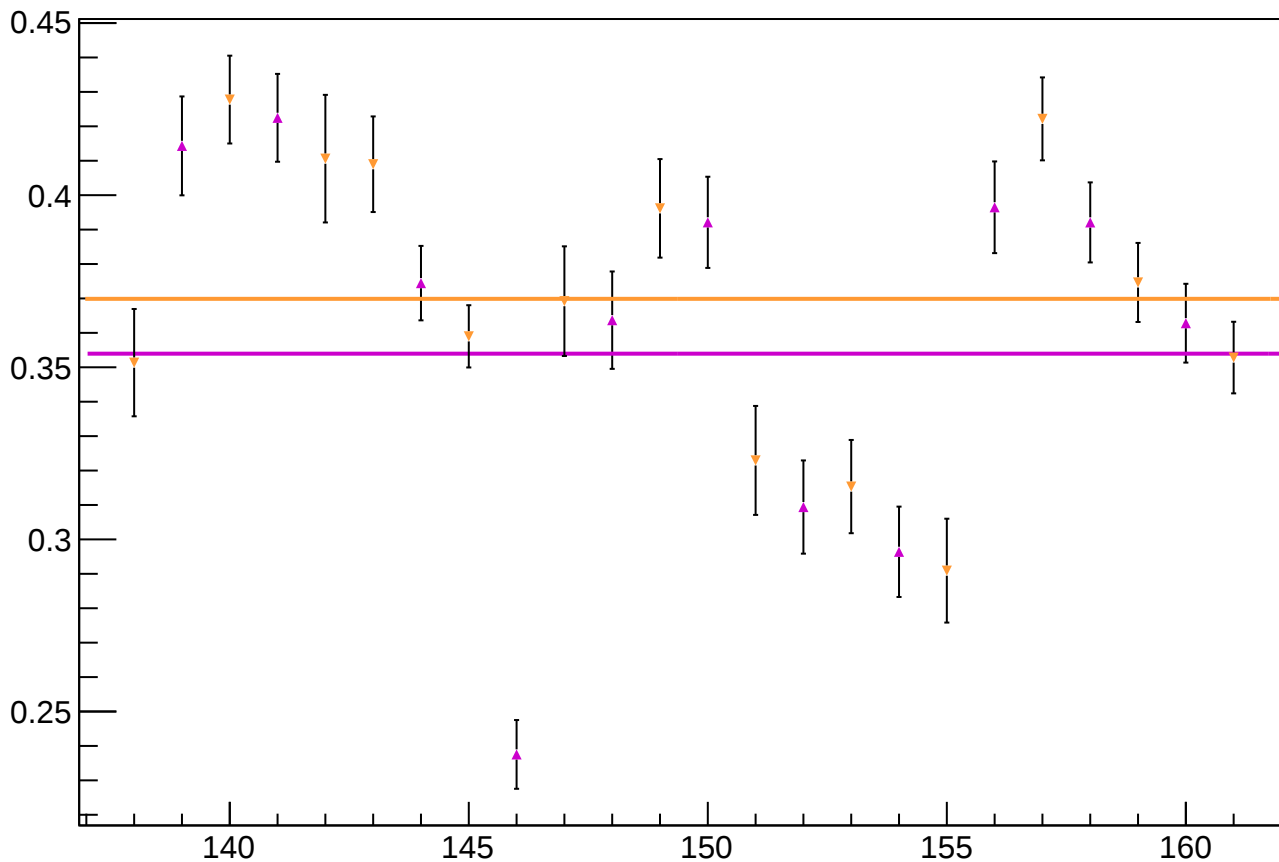
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.118 $\pm$ 0.076 χ^2/NDF :3079.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 8.199 $\pm$ 0.077 χ^2/NDF :2809.4/10

Left: 7.143 $\pm$ 0.054 χ^2/NDF : 6261.1/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 8.199 $\pm$ 0.077 χ^2/NDF :2809.4/10
 Out: 6.118 $\pm$ 0.076 χ^2/NDF :3079.0/12
 All: 7.143 $\pm$ 0.054 χ^2/NDF : 6261.1/23

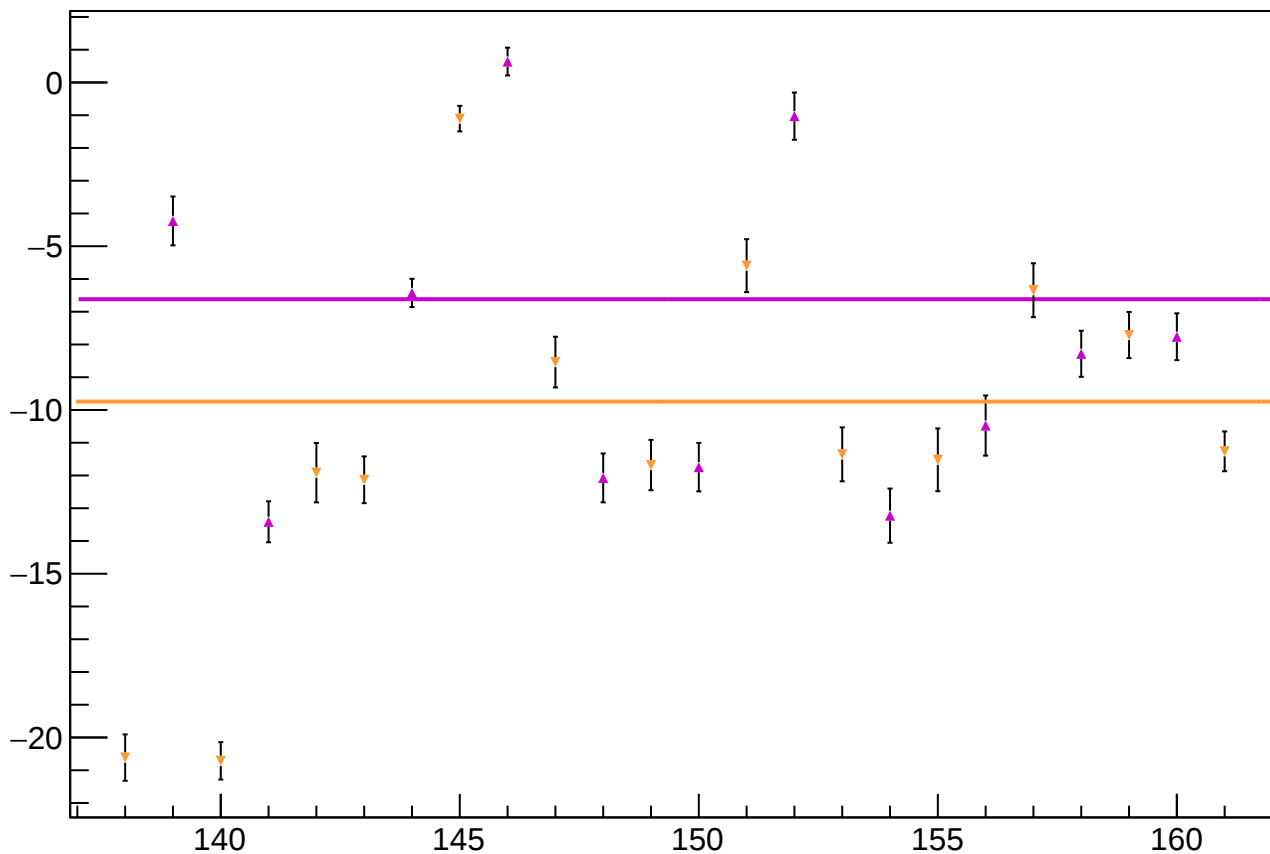
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.370+/-0.004 χ^2/NDF :113.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.354+/-0.004 χ^2/NDF :246.3/10

Left: 0.362+/-0.003 χ^2/NDF : 369.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.354+/-0.004 χ^2/NDF :246.3/10
 Out: 0.370+/-0.004 χ^2/NDF :113.7/12
 All: 0.362+/-0.003 χ^2/NDF : 369.5/23

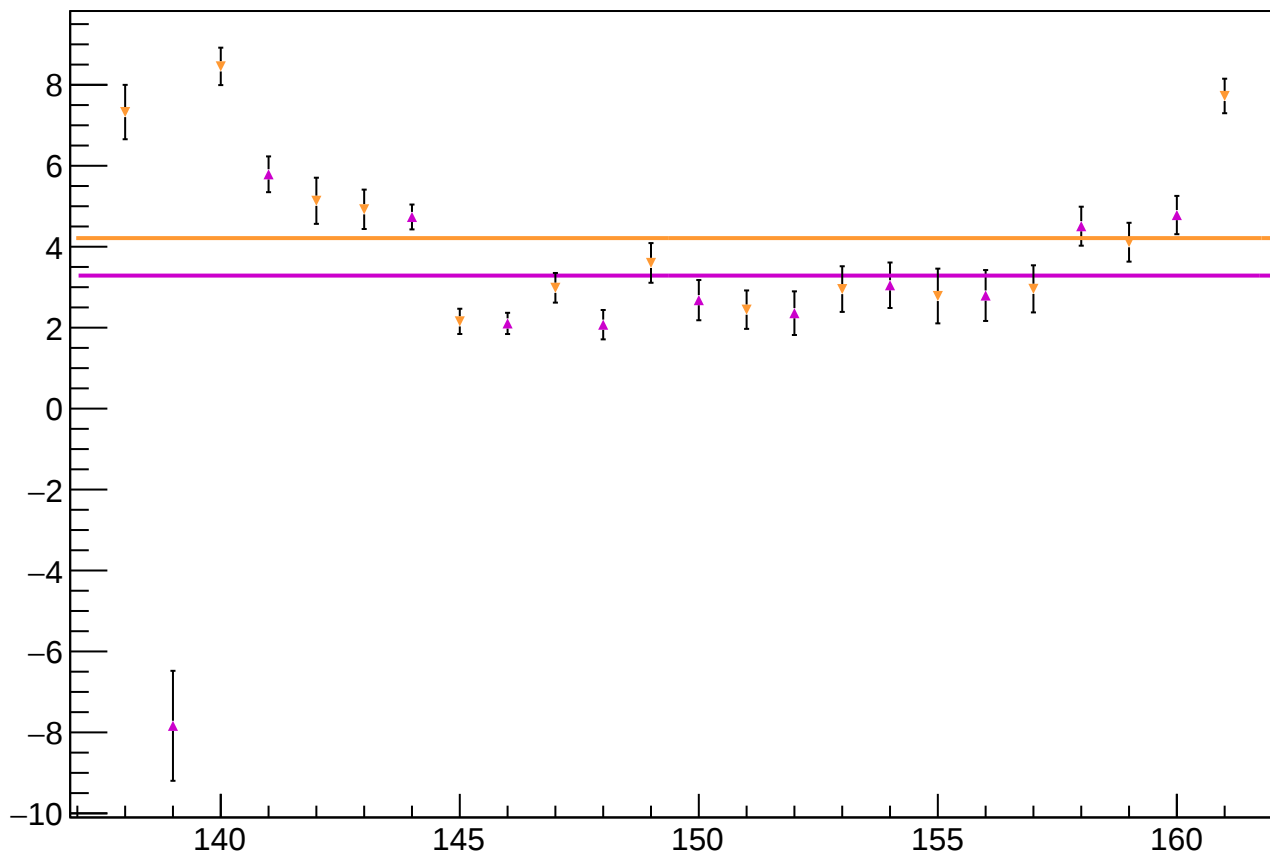
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.618+/-0.191 χ^2/NDF :672.5/10

Left: -8.209+/-0.134 χ^2/NDF : 1994.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.618+/-0.191 χ^2/NDF :672.5/10
 Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 All: -8.209+/-0.134 χ^2/NDF : 1994.5/23

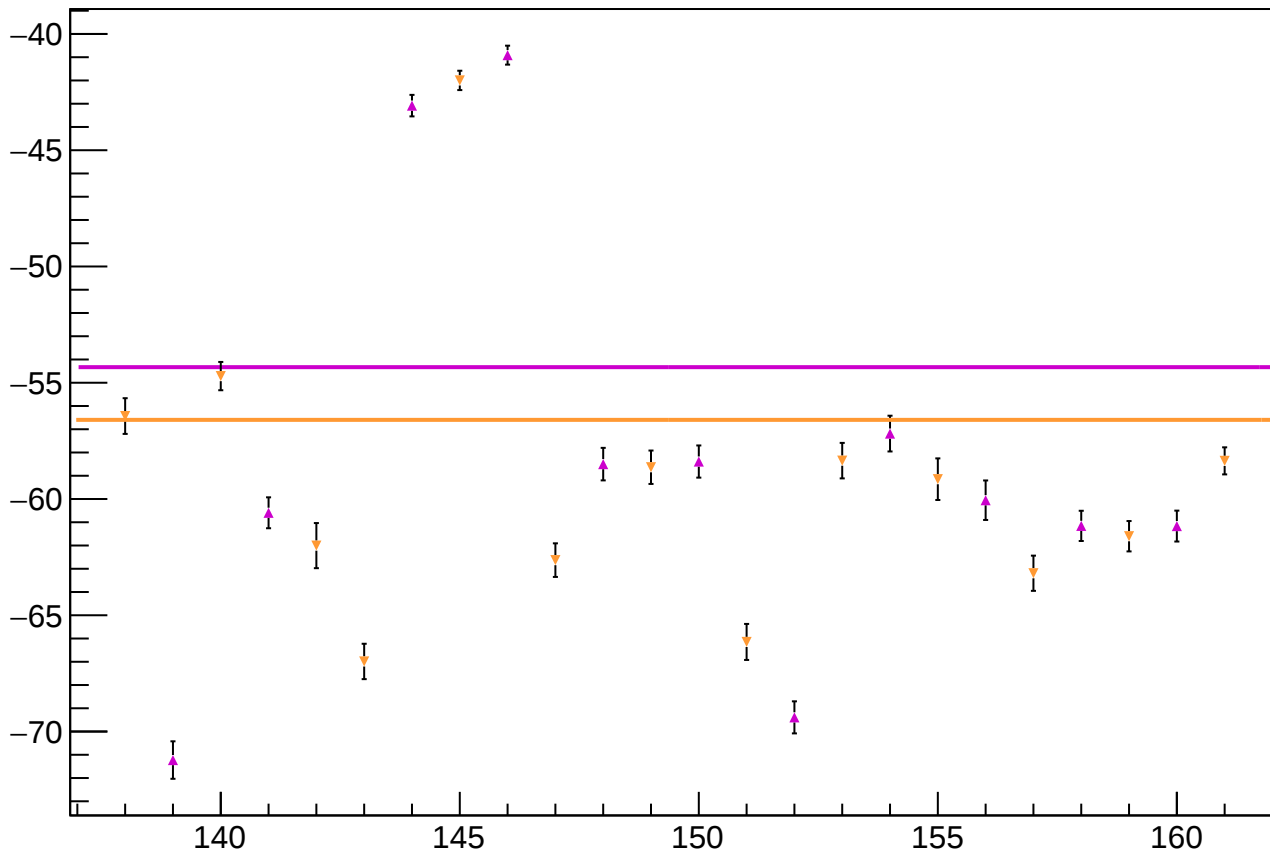
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 4.213 $\pm$ 0.131 χ^2/NDF :262.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 3.287 $\pm$ 0.129 χ^2/NDF :174.5/10

Left: 3.743 $\pm$ 0.092 χ^2/NDF : 462.6/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.287 $\pm$ 0.129 χ^2/NDF :174.5/10
 Out: 4.213 $\pm$ 0.131 χ^2/NDF :262.6/12
 All: 3.743 $\pm$ 0.092 χ^2/NDF : 462.6/23

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: -56.596+/-0.187 χ^2/NDF :1846.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.330+/-0.188 χ^2/NDF :3024.8/10

Left: -55.464+/-0.133 χ^2/NDF : 4944.3/23

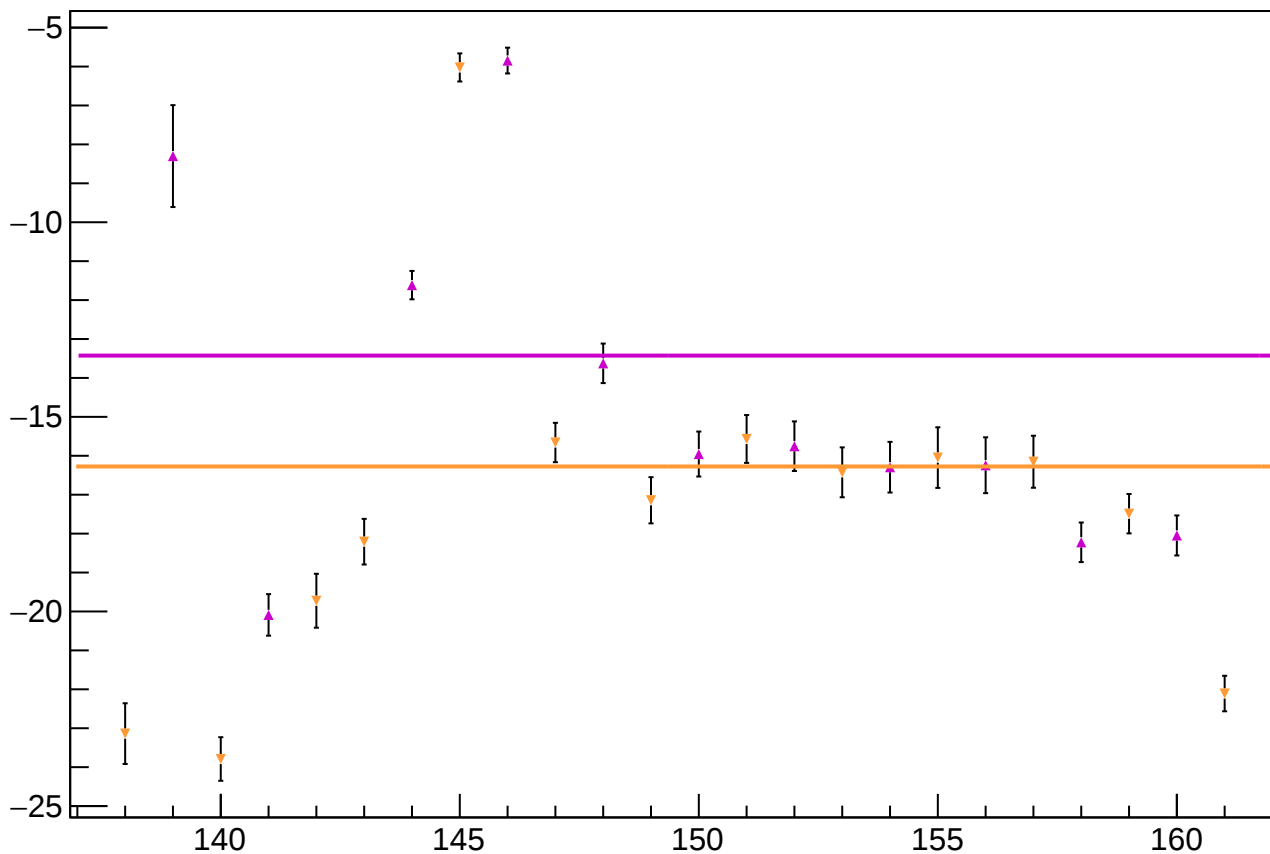
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.330+/-0.188 χ^2/NDF :3024.8/10

Out: -56.596+/-0.187 χ^2/NDF :1846.3/12

All: -55.464+/-0.133 χ^2/NDF : 4944.3/23

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



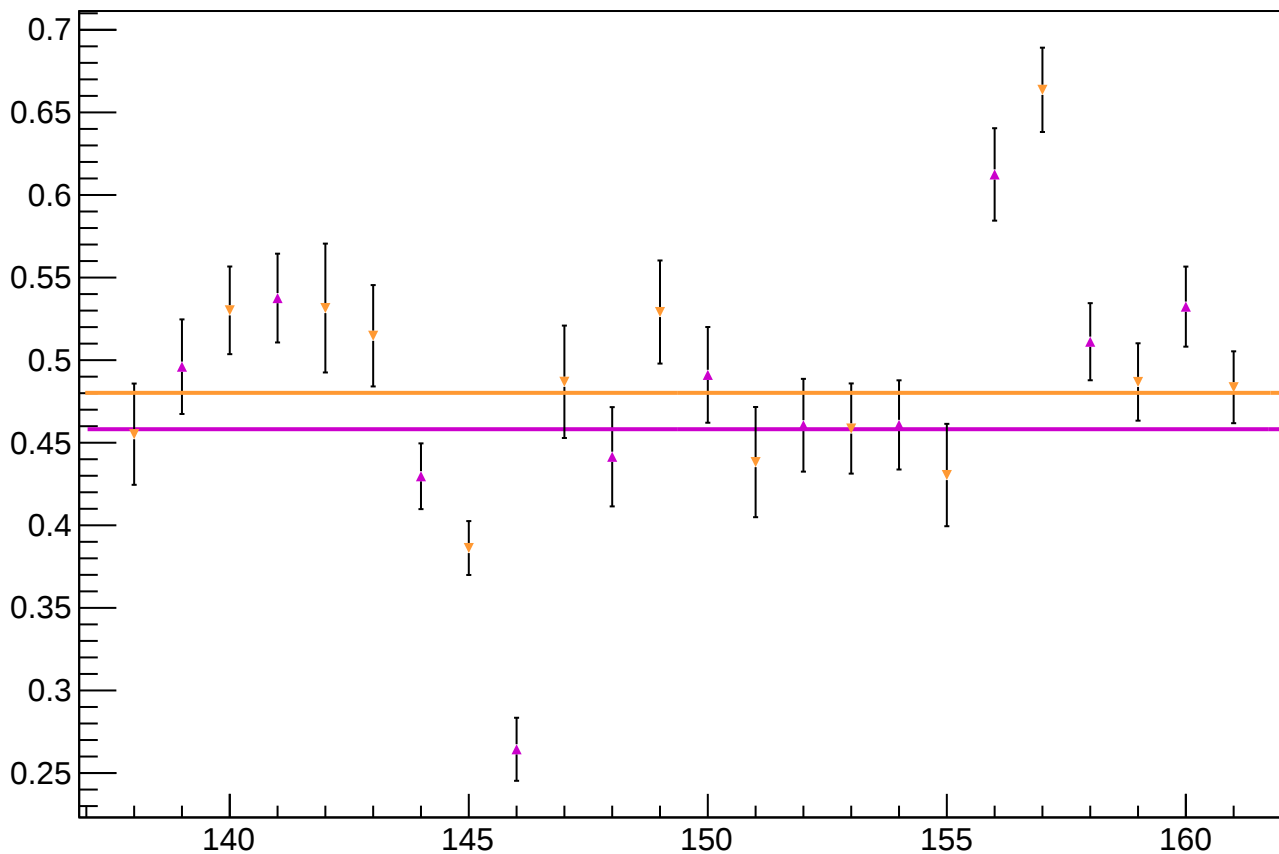
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.275+/-0.154 χ^2/NDF :1274.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.426+/-0.154 χ^2/NDF :956.9/10

Left: -14.849+/-0.109 χ^2/NDF : 2402.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.426+/-0.154 χ^2/NDF :956.9/10
 Out: -16.275+/-0.154 χ^2/NDF :1274.8/12

All: -14.849+/-0.109 χ^2/NDF : 2402.0/23

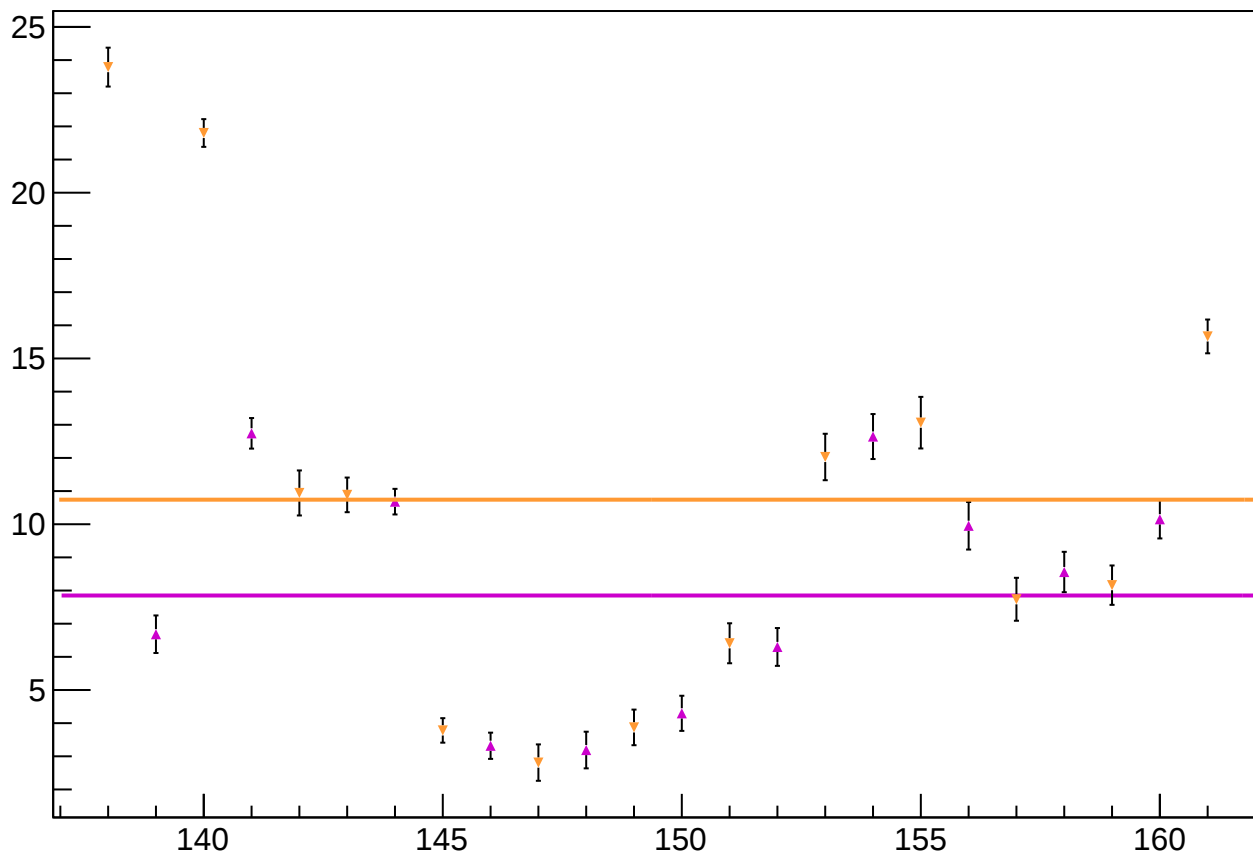
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.480 $\pm$ 0.007 χ^2 /NDF:99.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.458 $\pm$ 0.008 χ^2 /NDF:162.2/10

Left: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.458 $\pm$ 0.008 χ^2 /NDF:162.2/10
 Out: 0.480 $\pm$ 0.007 χ^2 /NDF:99.4/12
 All: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.9/23

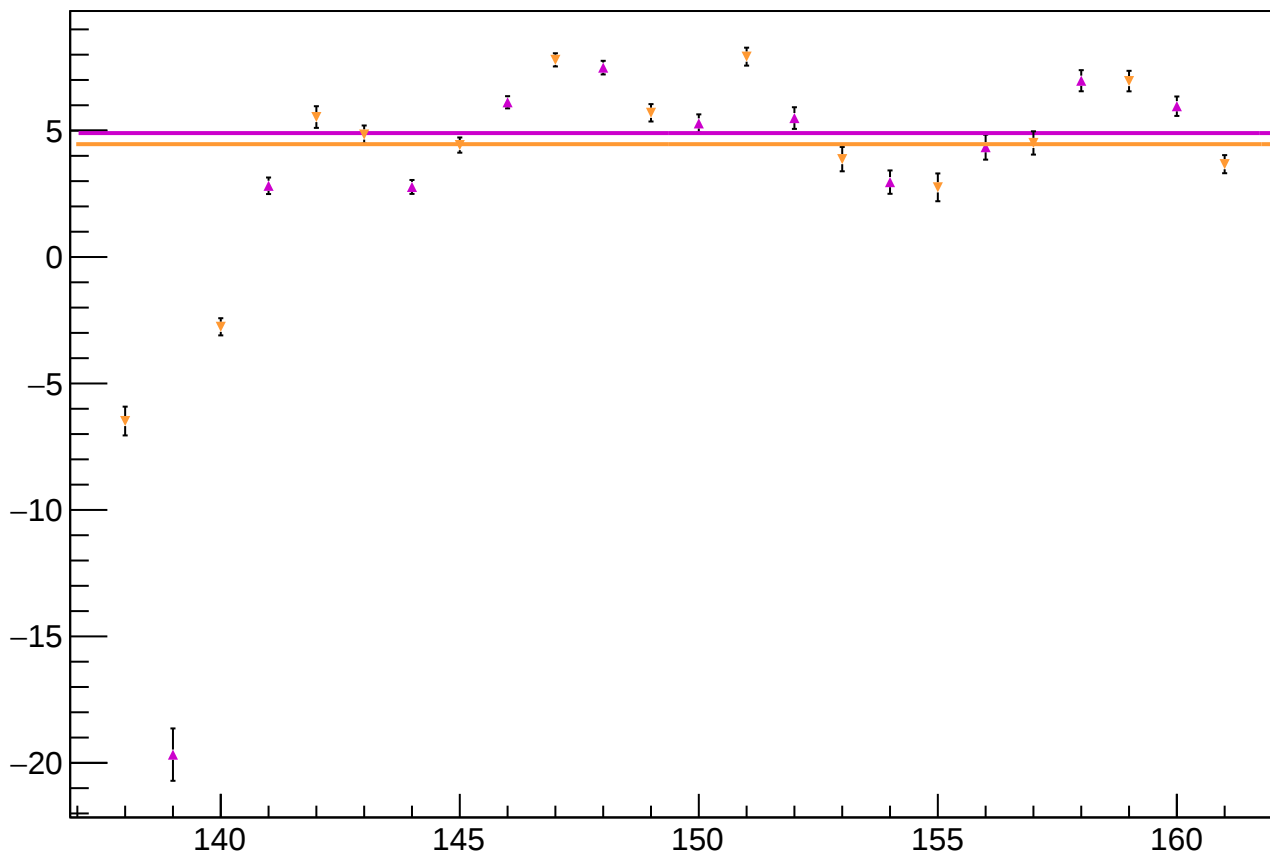
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.741+/-0.151 χ^2/NDF :2118.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.850+/-0.157 χ^2/NDF :500.9/10

Left: 9.355+/-0.109 χ^2/NDF : 2796.3/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.850+/-0.157 χ^2/NDF :500.9/10
 Out: 10.741+/-0.151 χ^2/NDF :2118.8/12
 All: 9.355+/-0.109 χ^2/NDF : 2796.3/23

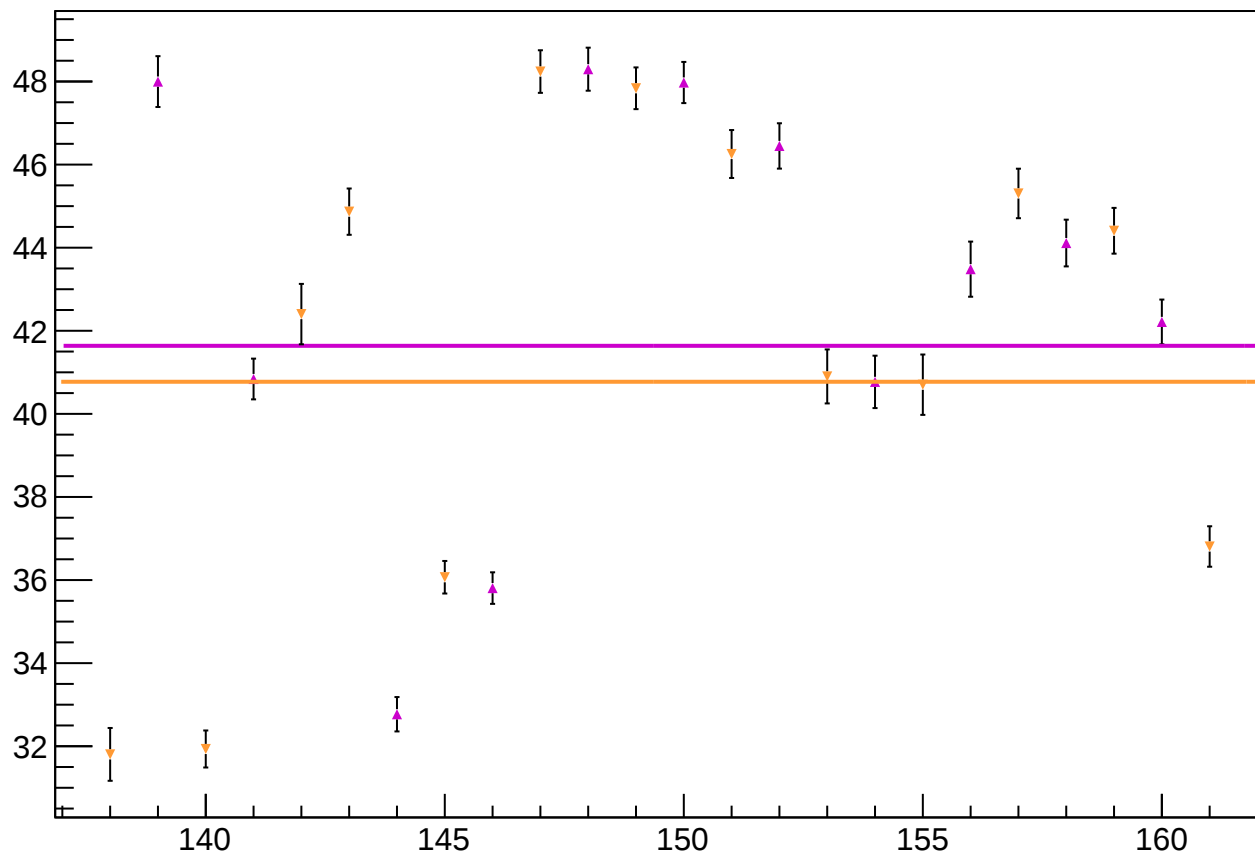
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.462 $\pm$ 0.103 χ^2 /NDF:1154.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10

Left: 4.675 $\pm$ 0.074 χ^2 /NDF: 1999.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10
 Out: 4.462 $\pm$ 0.103 χ^2 /NDF:1154.9/12
 All: 4.675 $\pm$ 0.074 χ^2 /NDF: 1999.4/23

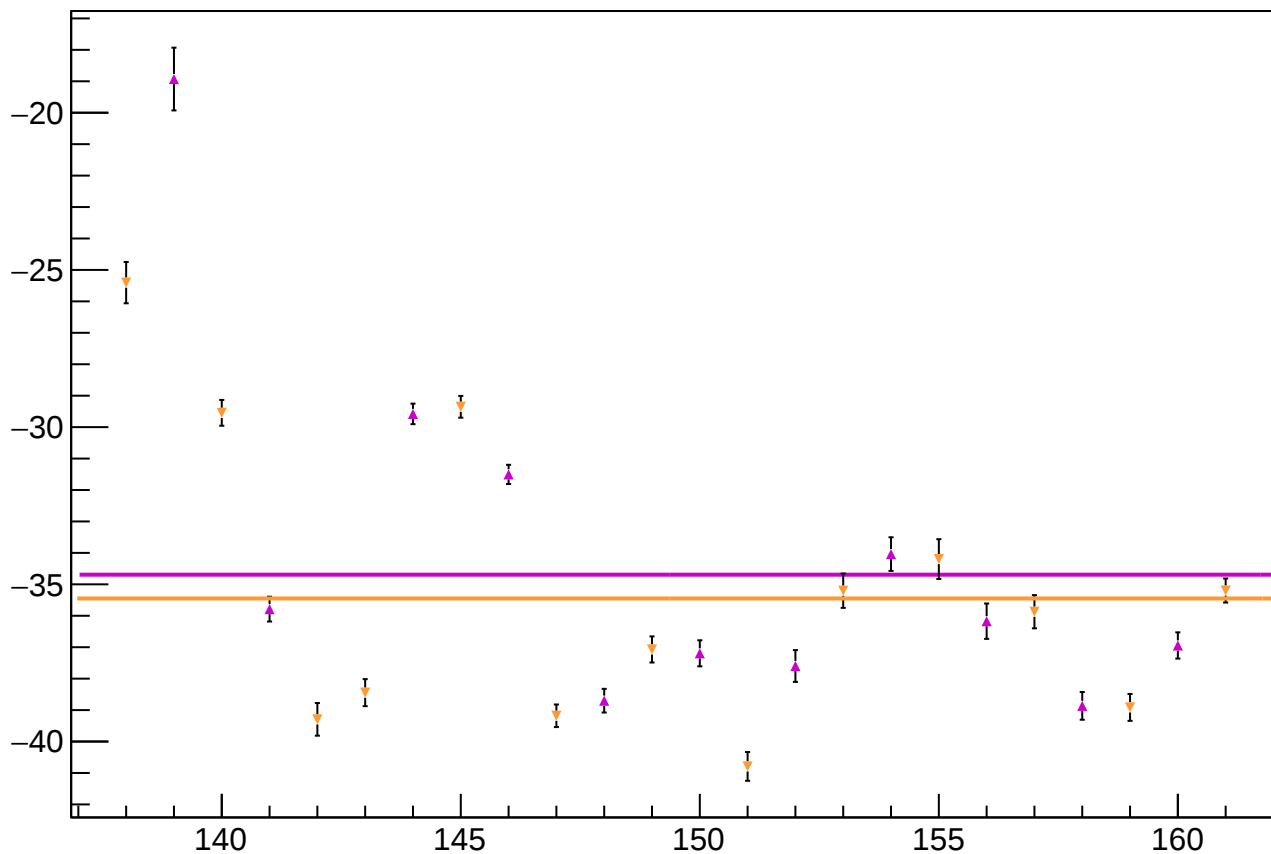
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.773+/-0.150 χ^2/NDF :1464.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.638+/-0.154 χ^2/NDF :1242.4/10

Left: 41.194+/-0.107 χ^2/NDF : 2722.7/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.638+/-0.154 χ^2/NDF :1242.4/10
 Out: 40.773+/-0.150 χ^2/NDF :1464.1/12
 All: 41.194+/-0.107 χ^2/NDF : 2722.7/23

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.450+/-0.123 χ^2/NDF :1183.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.693+/-0.127 χ^2/NDF :922.2/10

Left: -35.083+/-0.088 χ^2/NDF : 2124.3/23

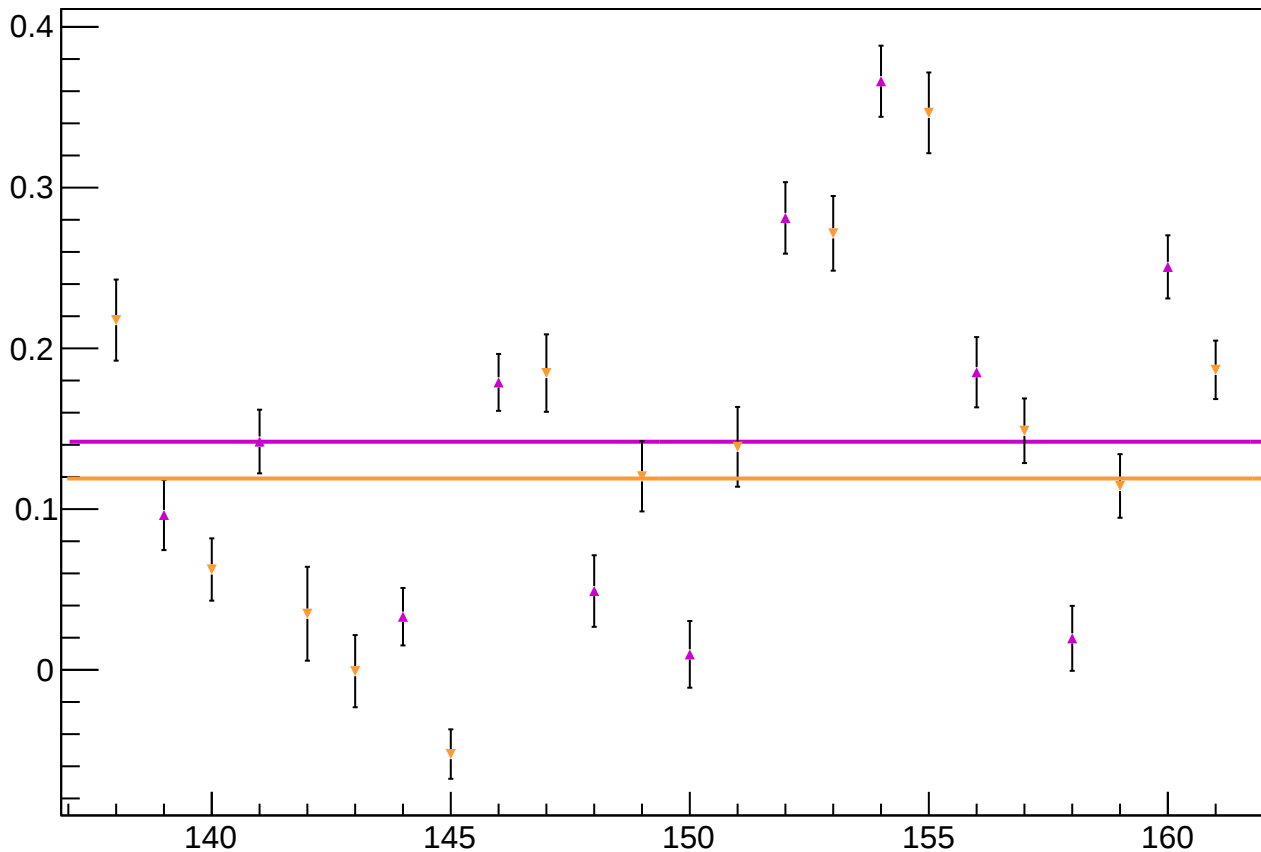
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.693+/-0.127 χ^2/NDF :922.2/10

Out: -35.450+/-0.123 χ^2/NDF :1183.8/12

All: -35.083+/-0.088 χ^2/NDF : 2124.3/23

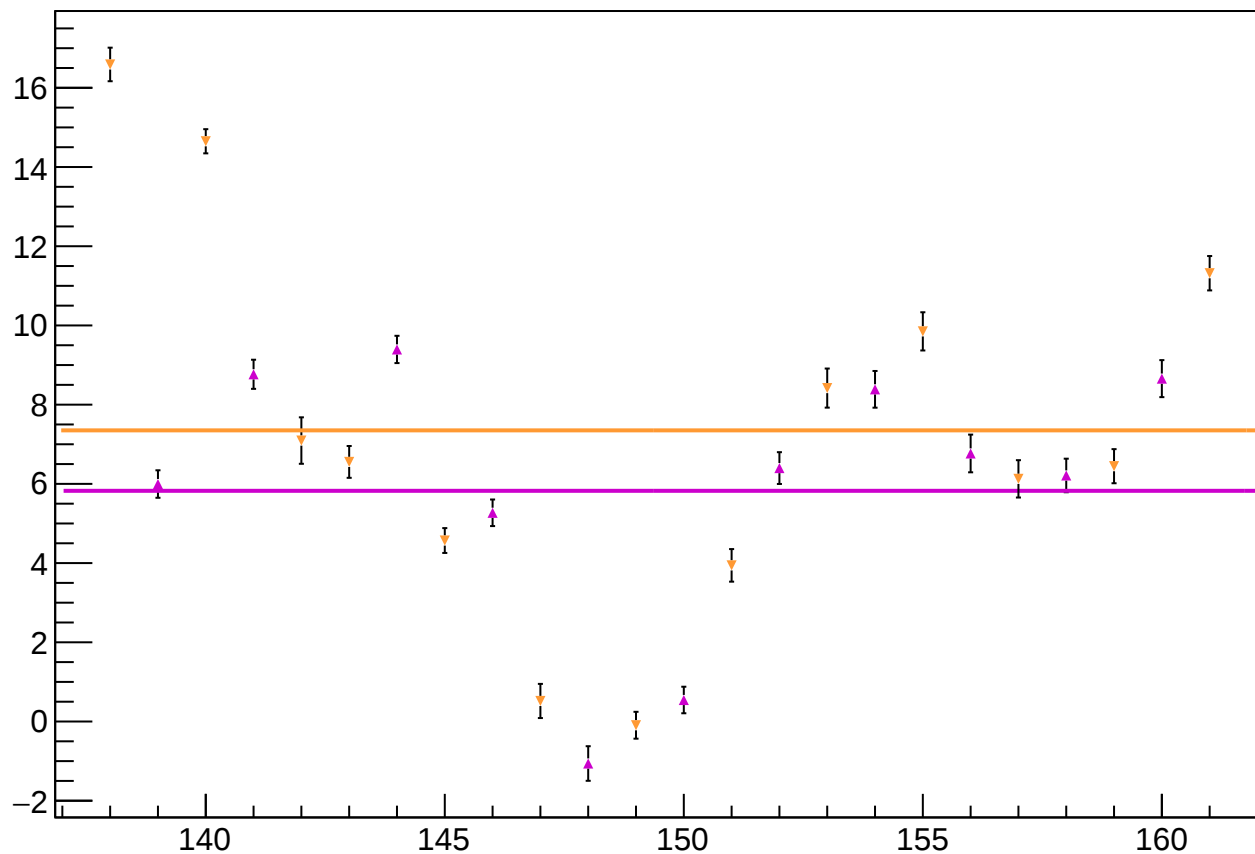
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.119 $\pm$ 0.006 χ^2 /NDF:334.1/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.142 $\pm$ 0.006 χ^2 /NDF:317.1/10

Left: 0.130 $\pm$ 0.004 χ^2 /NDF: 658.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.142 $\pm$ 0.006 χ^2 /NDF:317.1/10
 Out: 0.119 $\pm$ 0.006 χ^2 /NDF:334.1/12
 All: 0.130 $\pm$ 0.004 χ^2 /NDF: 658.4/23

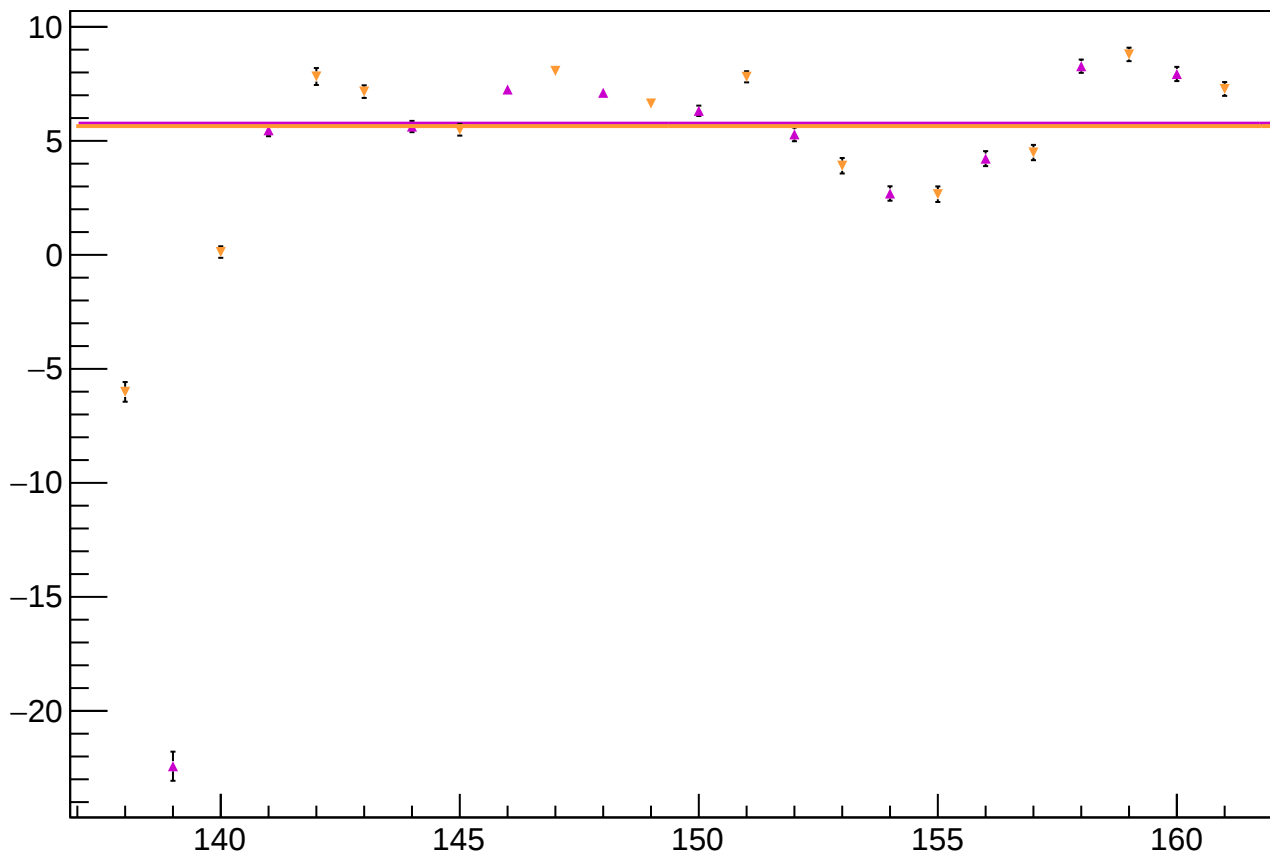
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.351+/-0.112 χ^2/NDF :2058.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.825+/-0.117 χ^2/NDF :745.6/10

Left: 6.621+/-0.081 χ^2/NDF : 2891.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.825+/-0.117 χ^2/NDF :745.6/10
 Out: 7.351+/-0.112 χ^2/NDF :2058.1/12
 All: 6.621+/-0.081 χ^2/NDF : 2891.8/23

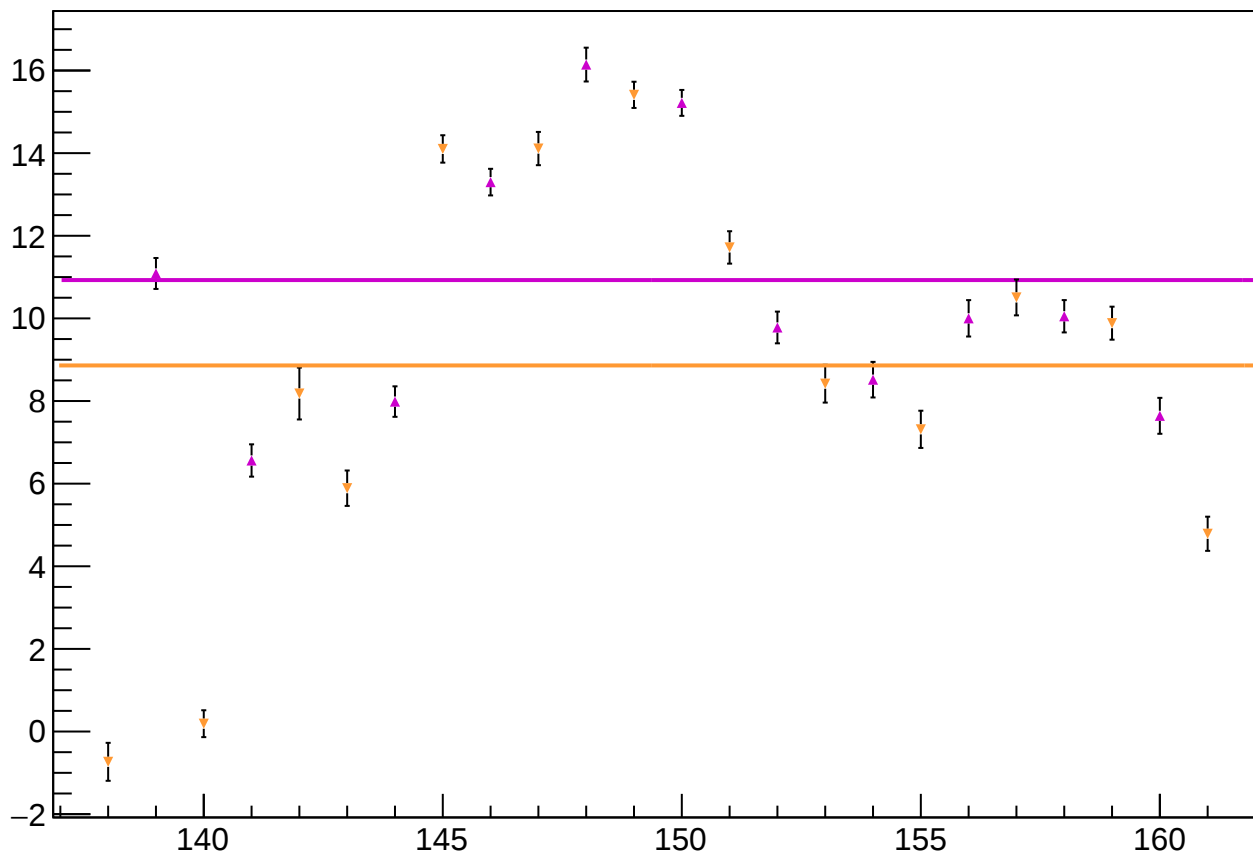
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.649 $\pm$ 0.078 χ^2 /NDF:1764.2/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.755 $\pm$ 0.082 χ^2 /NDF:2283.3/10

Left: 5.699 $\pm$ 0.056 χ^2 /NDF: 4048.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.755 $\pm$ 0.082 χ^2 /NDF:2283.3/10
 Out: 5.649 $\pm$ 0.078 χ^2 /NDF:1764.2/12
 All: 5.699 $\pm$ 0.056 χ^2 /NDF: 4048.4/23

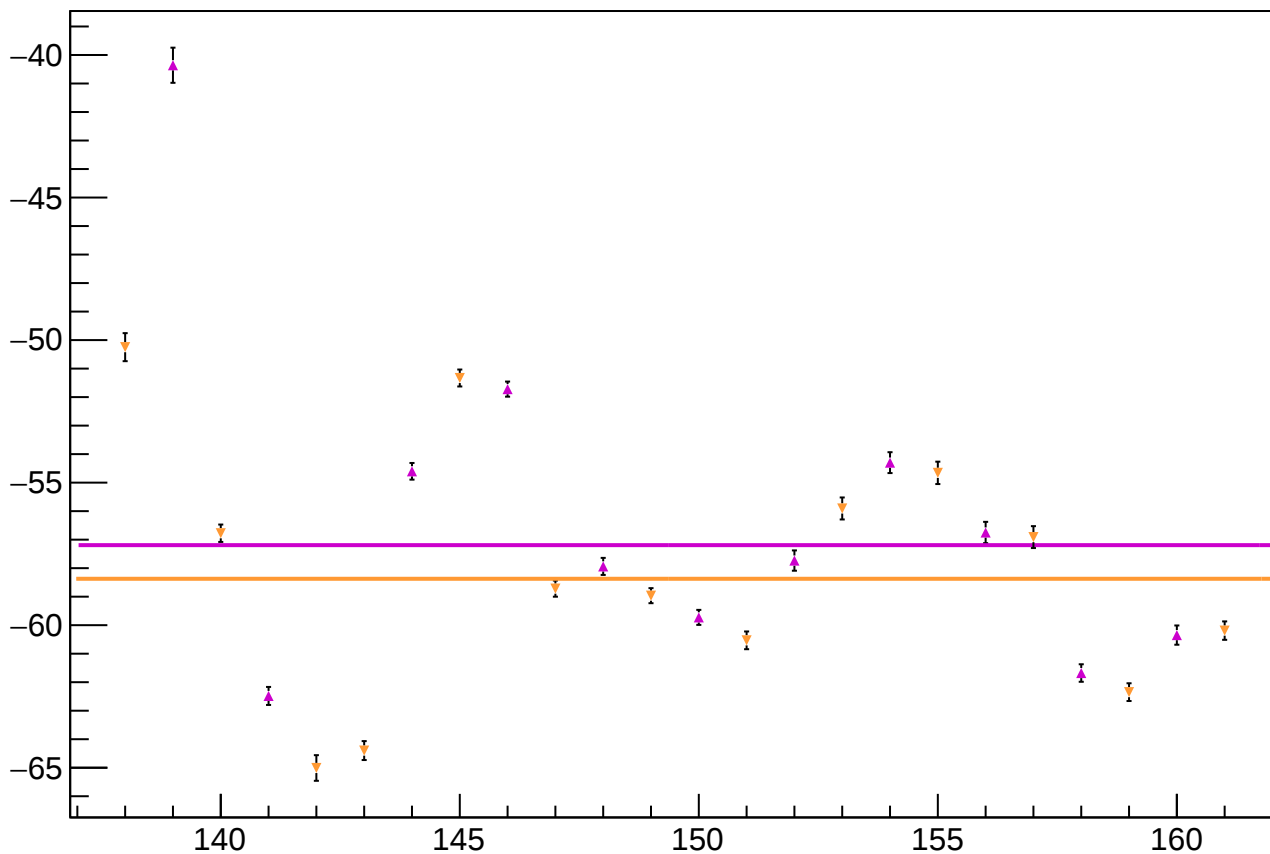
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.928+/-0.115 χ^2/NDF :698.9/10

Left: 9.861+/-0.080 χ^2/NDF : 3092.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.928+/-0.115 χ^2/NDF :698.9/10
 Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 All: 9.861+/-0.080 χ^2/NDF : 3092.4/23

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.372+/-0.092 χ^2/NDF :1804.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.193+/-0.097 χ^2/NDF :1997.3/10

Left: -57.812+/-0.067 χ^2/NDF : 3879.0/23

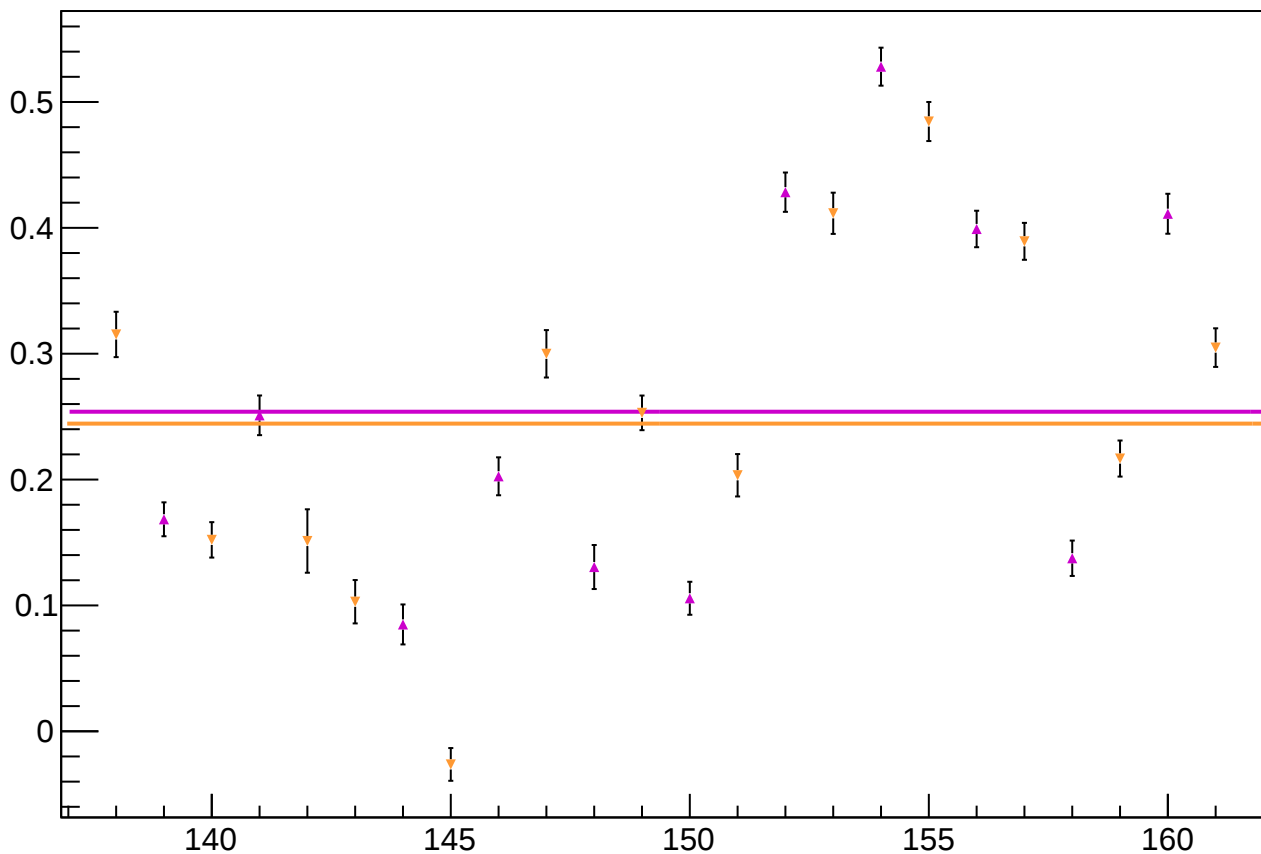
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.193+/-0.097 χ^2/NDF :1997.3/10

Out: -58.372+/-0.092 χ^2/NDF :1804.2/12

All: -57.812+/-0.067 χ^2/NDF : 3879.0/23

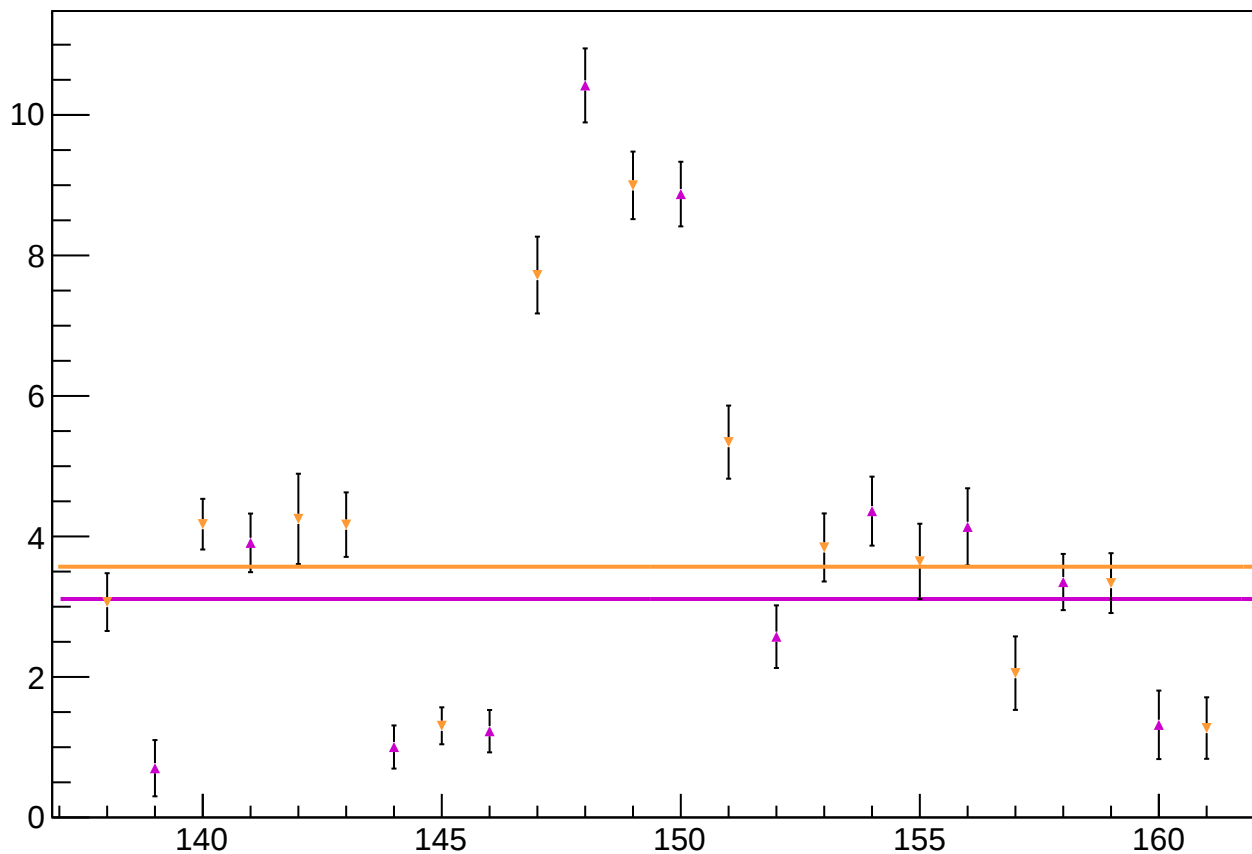
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.244+/-0.004 χ^2/NDF :1048.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.254+/-0.005 χ^2/NDF :1064.7/10

Left: 0.249+/-0.003 χ^2/NDF : 2115.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.254+/-0.005 χ^2/NDF :1064.7/10
 Out: 0.244+/-0.004 χ^2/NDF :1048.0/12
 All: 0.249+/-0.003 χ^2/NDF : 2115.0/23

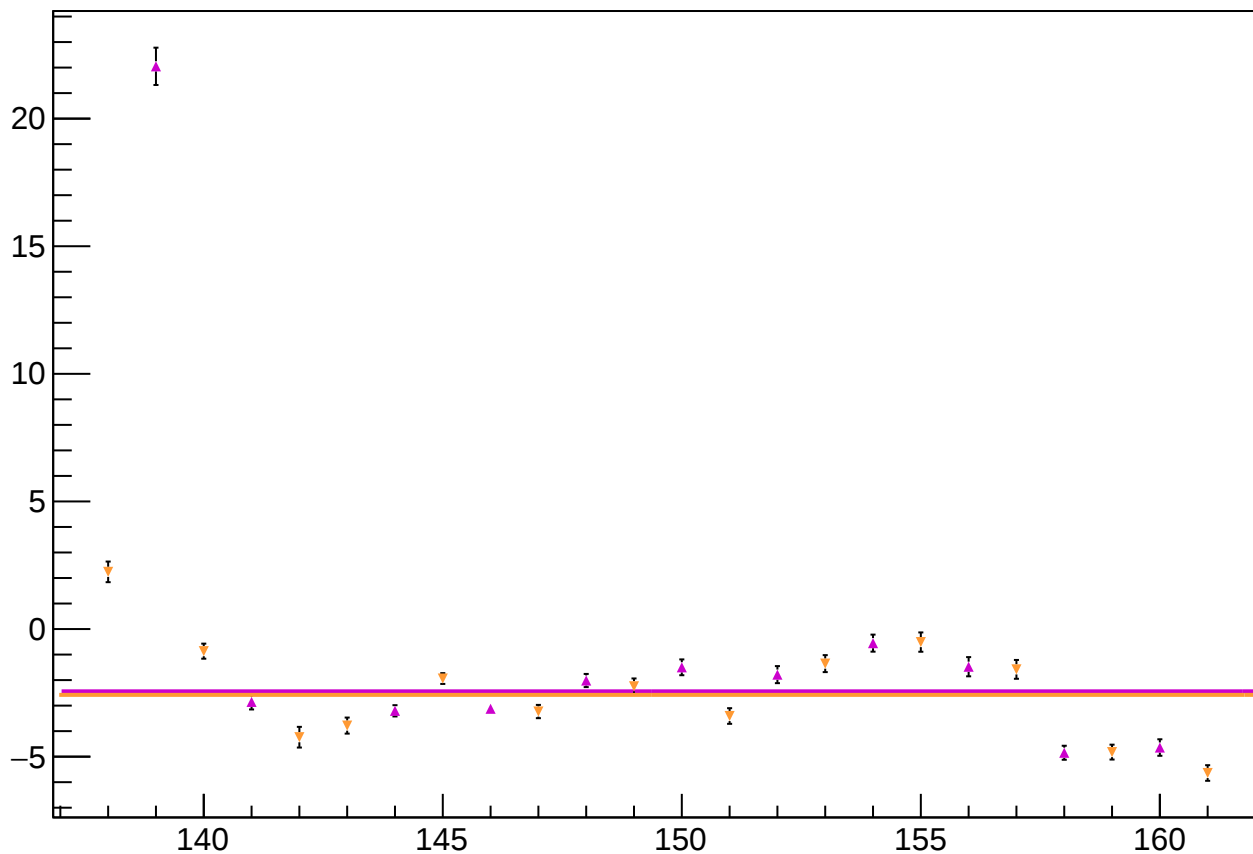
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.569 $\pm$ 0.121 χ^2 /NDF:314.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.110 $\pm$ 0.124 χ^2 /NDF:500.9/10

Left: 3.346 $\pm$ 0.087 χ^2 /NDF: 822.7/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.110 $\pm$ 0.124 χ^2 /NDF:500.9/10
 Out: 3.569 $\pm$ 0.121 χ^2 /NDF:314.8/12
 All: 3.346 $\pm$ 0.087 χ^2 /NDF: 822.7/23

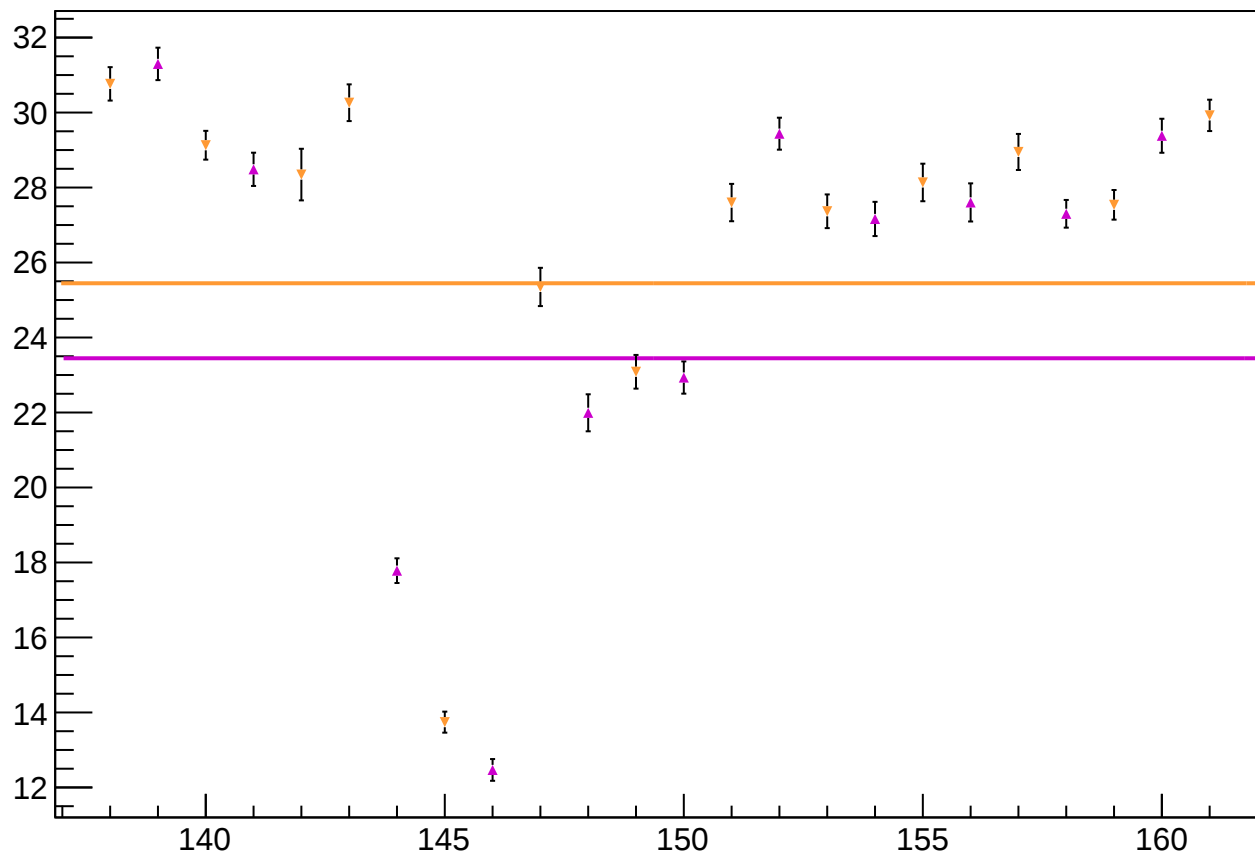
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.579+/-0.085 χ^2/NDF : 441.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.440+/-0.086 χ^2/NDF : 1326.1/10

Left: -2.511+/-0.061 χ^2/NDF : 1768.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.440+/-0.086 χ^2/NDF : 1326.1/10
 Out: -2.579+/-0.085 χ^2/NDF : 441.3/12
 All: -2.511+/-0.061 χ^2/NDF : 1768.8/23

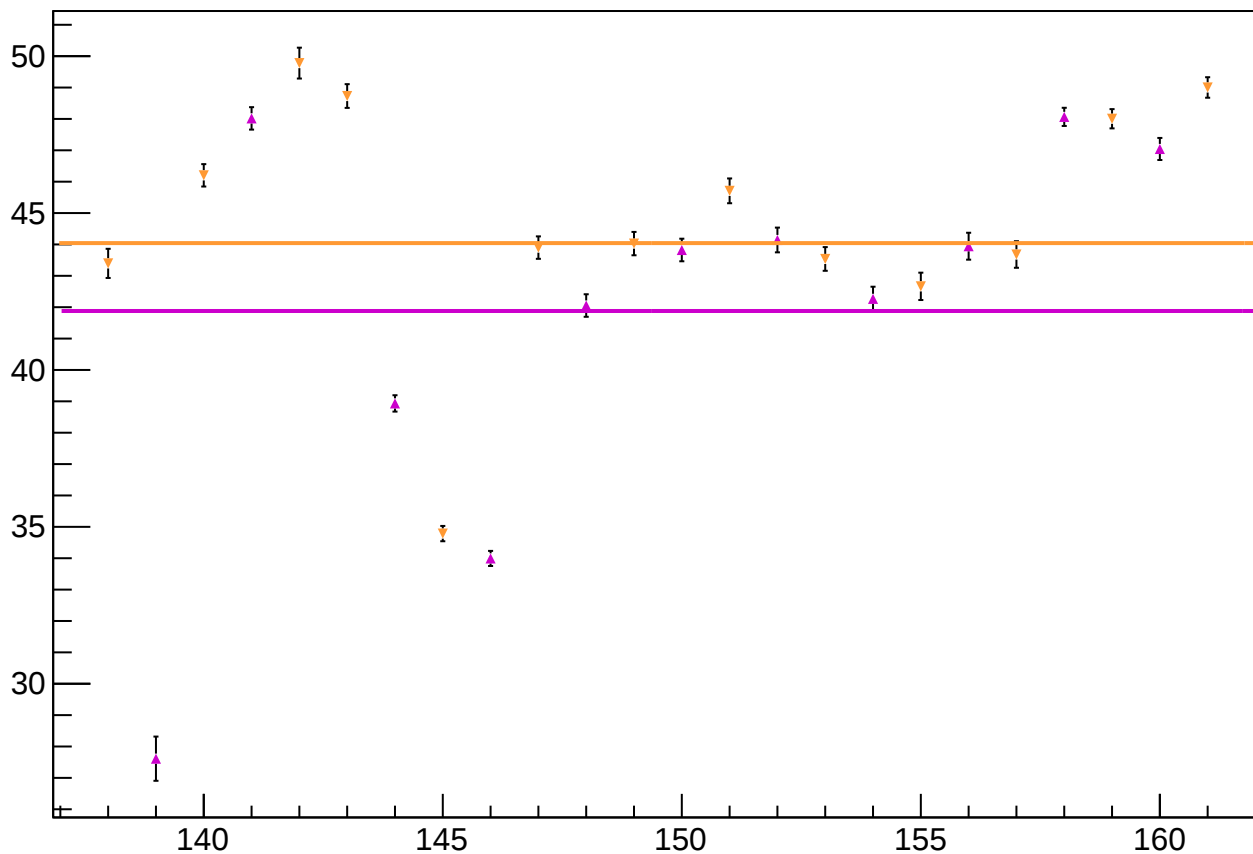
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.446+/-0.122 χ^2/NDF :2807.3/10

Left: 24.459+/-0.086 χ^2/NDF : 5324.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.446+/-0.122 χ^2/NDF :2807.3/10
 Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 All: 24.459+/-0.086 χ^2/NDF : 5324.8/23

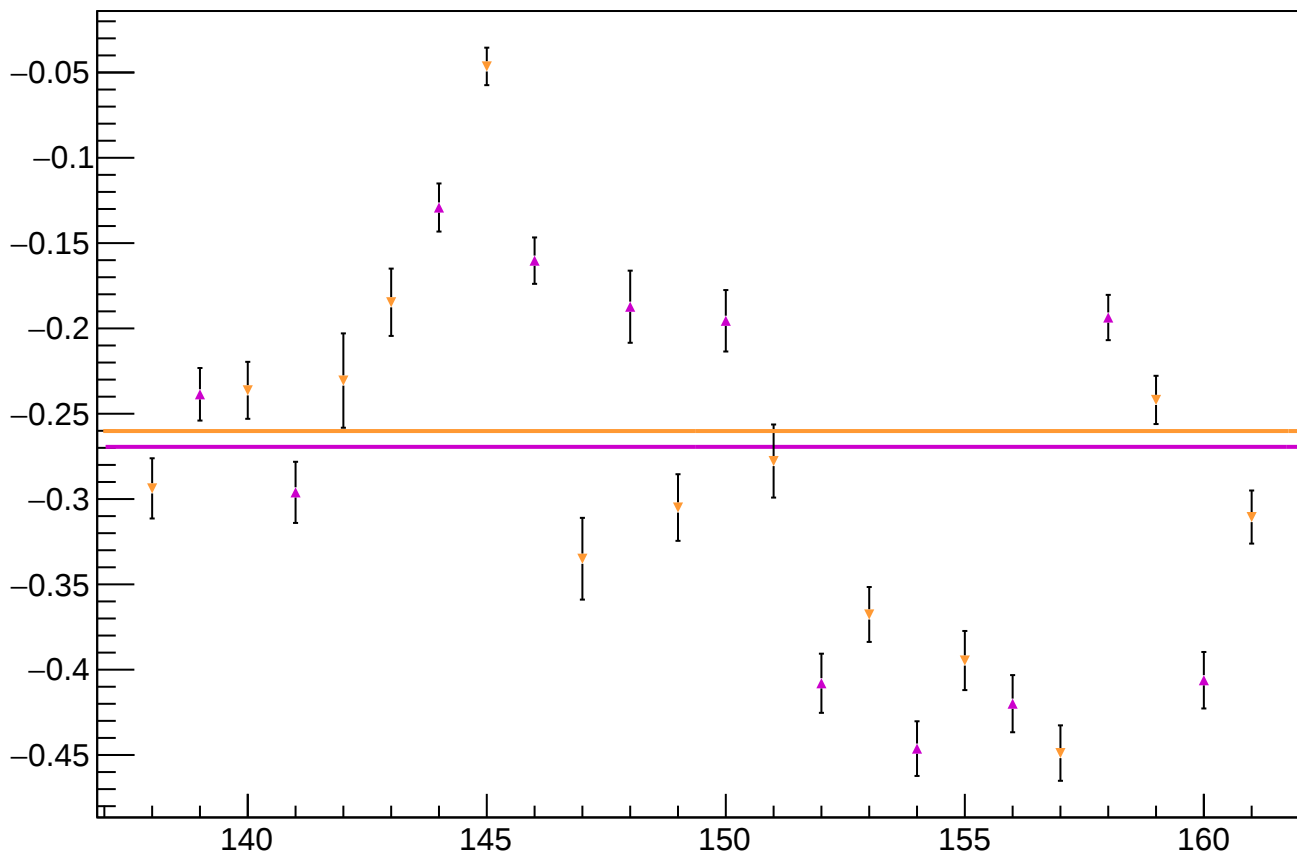
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 44.043+/-0.100 χ^2/NDF :2195.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.879+/-0.102 χ^2/NDF :2666.0/10

Left: 42.982+/-0.072 χ^2/NDF : 5090.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.879+/-0.102 χ^2/NDF :2666.0/10
 Out: 44.043+/-0.100 χ^2/NDF :2195.7/12
 All: 42.982+/-0.072 χ^2/NDF : 5090.5/23

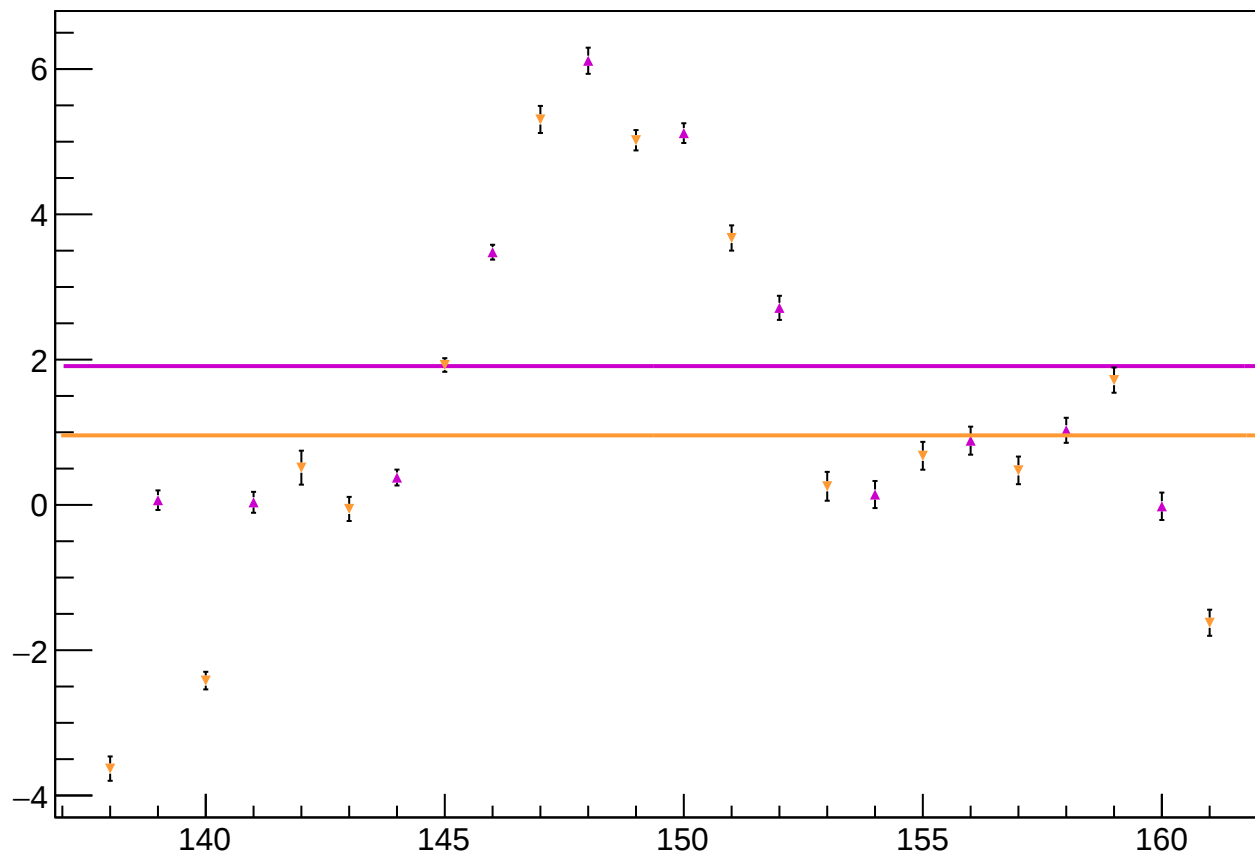
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.269+/-0.005 χ^2/NDF : 569.0/10

Left: -0.265+/-0.003 χ^2/NDF : 1238.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.269+/-0.005 χ^2/NDF : 569.0/10
 Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 All: -0.265+/-0.003 χ^2/NDF : 1238.6/23

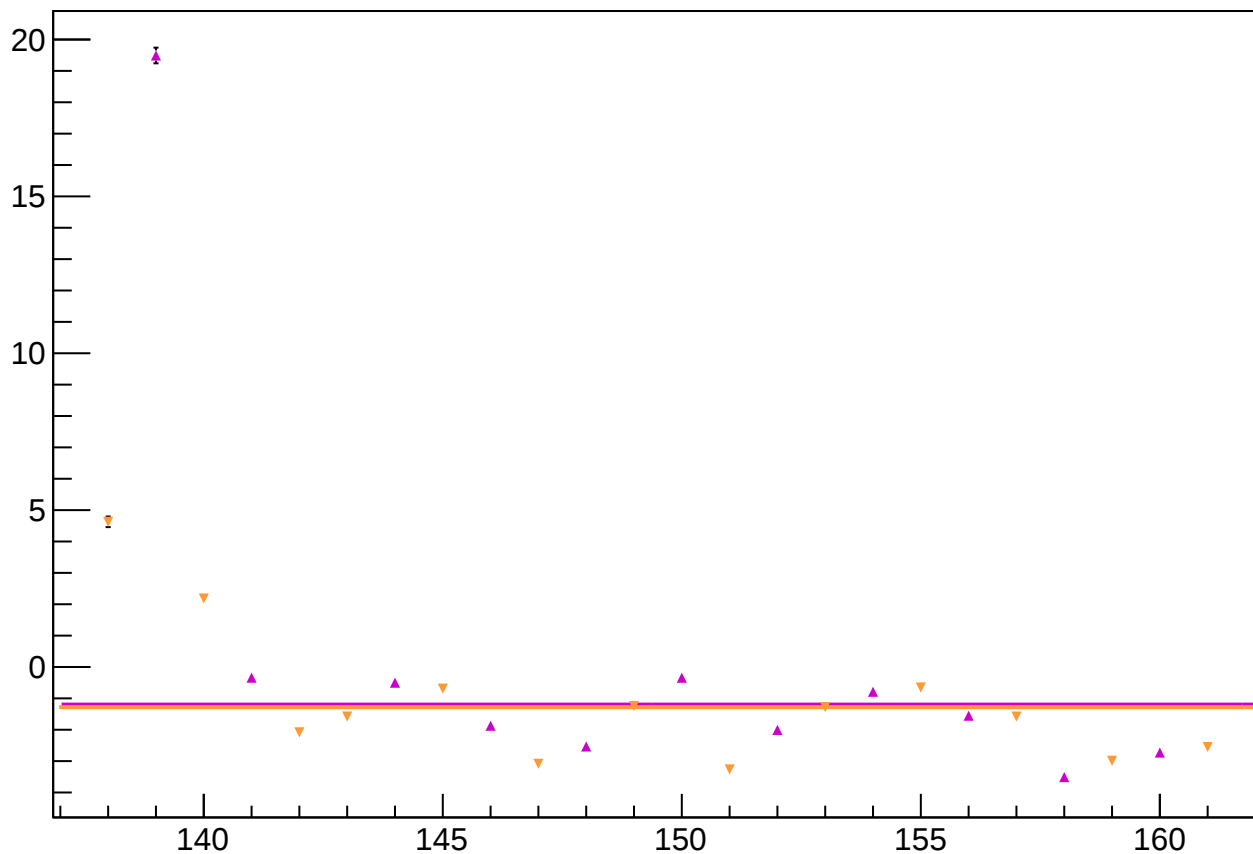
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.957 $\pm$ 0.043 χ^2/NDF :3550.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.911 $\pm$ 0.044 χ^2/NDF :2163.0/10

Left: 1.431 $\pm$ 0.031 χ^2/NDF : 5951.9/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.911 $\pm$ 0.044 χ^2/NDF :2163.0/10
 Out: 0.957 $\pm$ 0.043 χ^2/NDF :3550.3/12
 All: 1.431 $\pm$ 0.031 χ^2/NDF : 5951.9/23

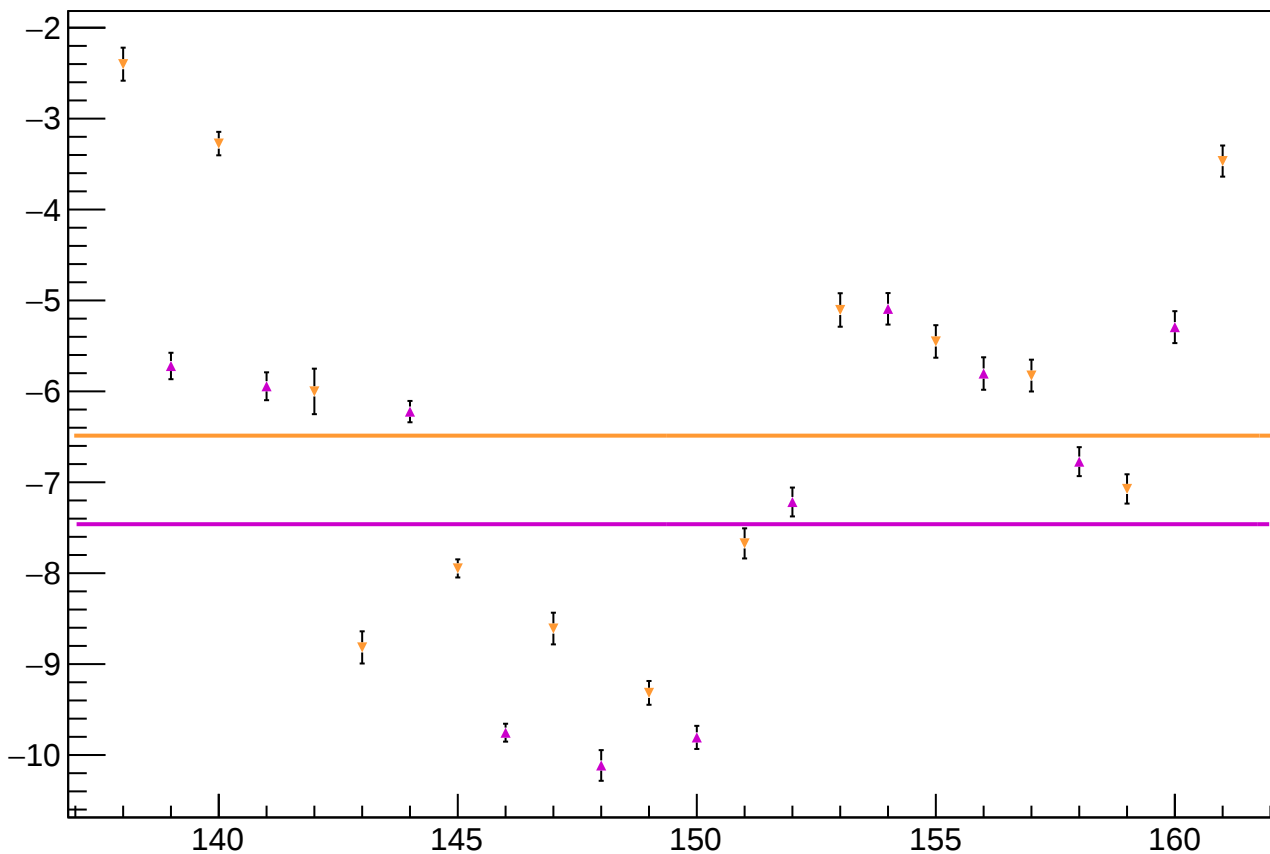
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.199+/-0.031 χ^2/NDF : 8044.2/10

Left: -1.240+/-0.022 χ^2/NDF : 11673.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.199+/-0.031 χ^2/NDF : 8044.2/10
 Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 All: -1.240+/-0.022 χ^2/NDF : 11673.8/23

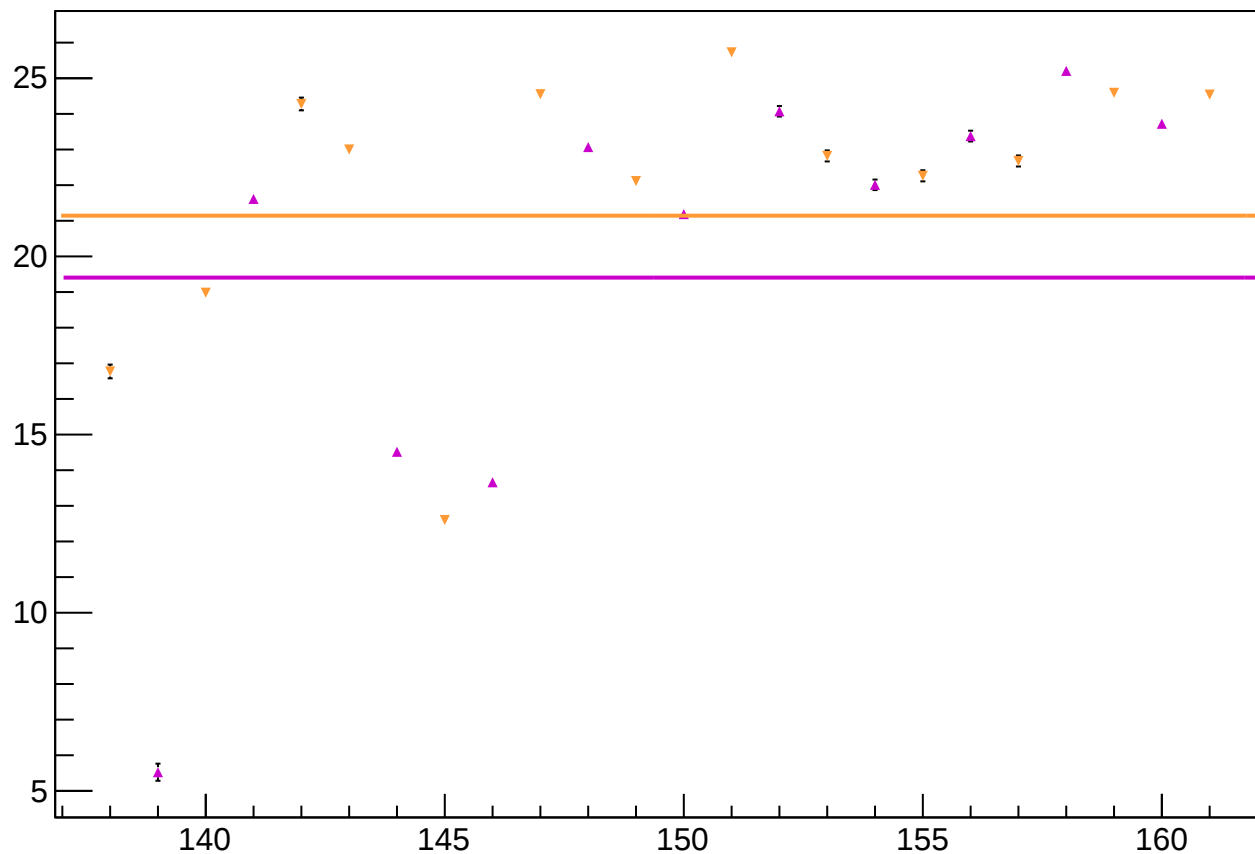
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.461+/-0.043 χ^2/NDF :1928.9/10

Left: -6.977+/-0.031 χ^2/NDF : 4796.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.461+/-0.043 χ^2/NDF :1928.9/10
 Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 All: -6.977+/-0.031 χ^2/NDF : 4796.0/23

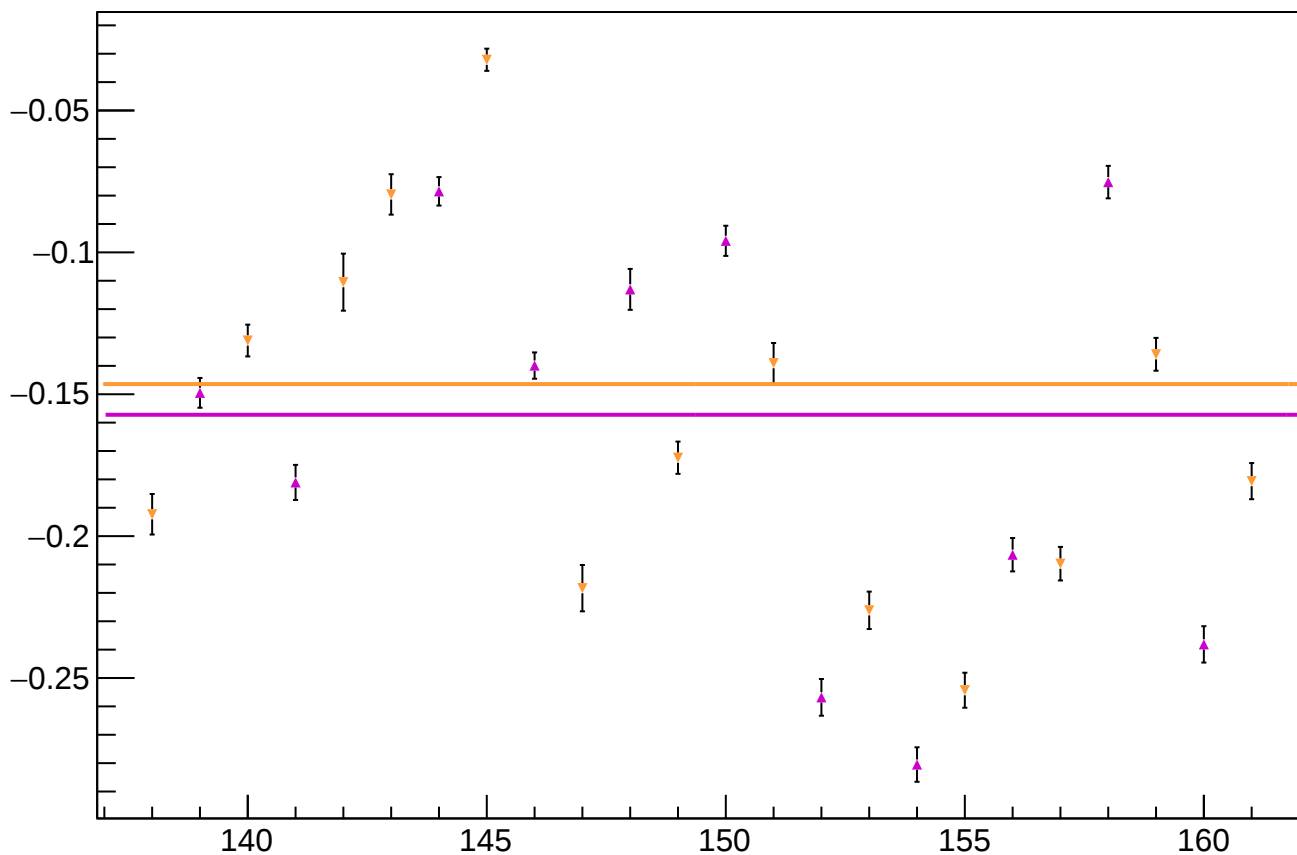
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.144+/-0.036 χ^2/NDF :14424.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.405+/-0.036 χ^2/NDF :17615.2/10

Left: 20.279+/-0.026 χ^2/NDF : 33184.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.405+/-0.036 χ^2/NDF :17615.2/10
 Out: 21.144+/-0.036 χ^2/NDF :14424.9/12
 All: 20.279+/-0.026 χ^2/NDF : 33184.0/23

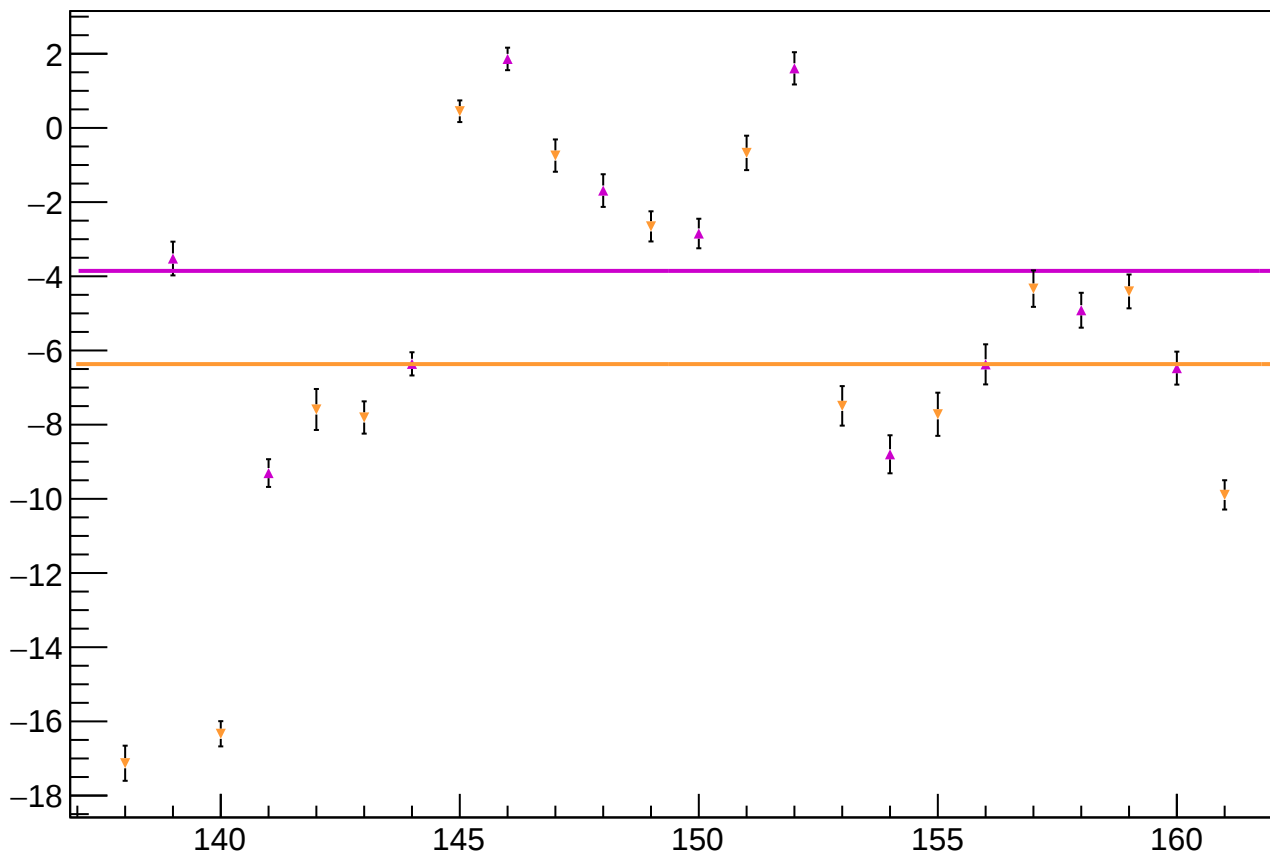
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.146 ± 0.002 χ^2/NDF : 1703.4/12
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.157 ± 0.002 χ^2/NDF : 1530.6/10

Left: -0.152 ± 0.001 χ^2/NDF : 3254.0/23
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -0.157 ± 0.002 χ^2/NDF : 1530.6/10
 Out: -0.146 ± 0.002 χ^2/NDF : 1703.4/12
 All: -0.152 ± 0.001 χ^2/NDF : 3254.0/23

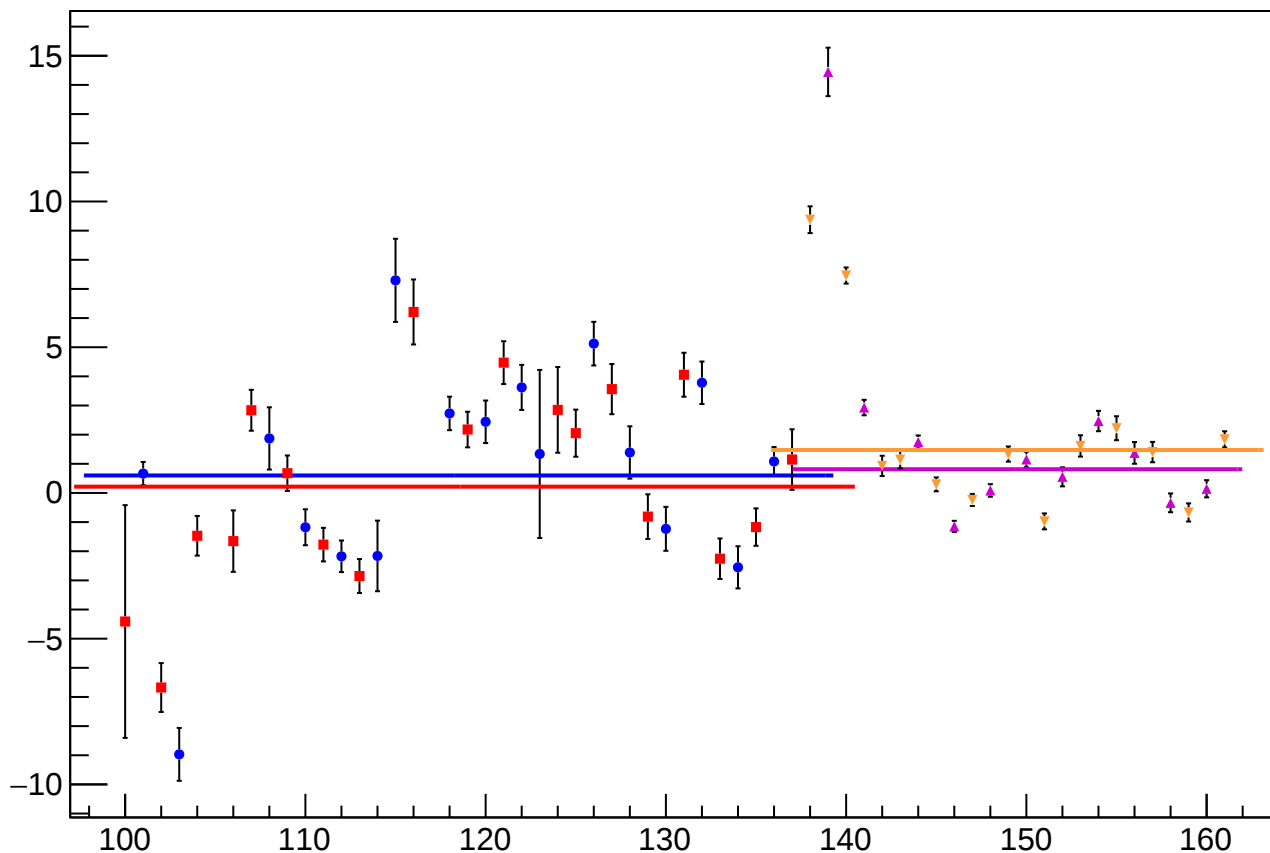
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.367+/-0.119 χ^2/NDF :2462.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.854+/-0.123 χ^2/NDF :974.7/10

Left: -5.153+/-0.085 χ^2/NDF : 3654.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.854+/-0.123 χ^2/NDF :974.7/10
 Out: -6.367+/-0.119 χ^2/NDF :2462.4/12
 All: -5.153+/-0.085 χ^2/NDF : 3654.4/23

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2/NDF : 291.9/16

Left Out: 1.473 $\pm$ 0.081 χ^2/NDF : 994.7/12

Right Out: 0.216 $\pm$ 0.175 χ^2/NDF : 274.5/18

Left In: 0.814 $\pm$ 0.083 χ^2/NDF : 511.8/10

Left: 1.151 $\pm$ 0.058 χ^2/NDF : 1538.5/23

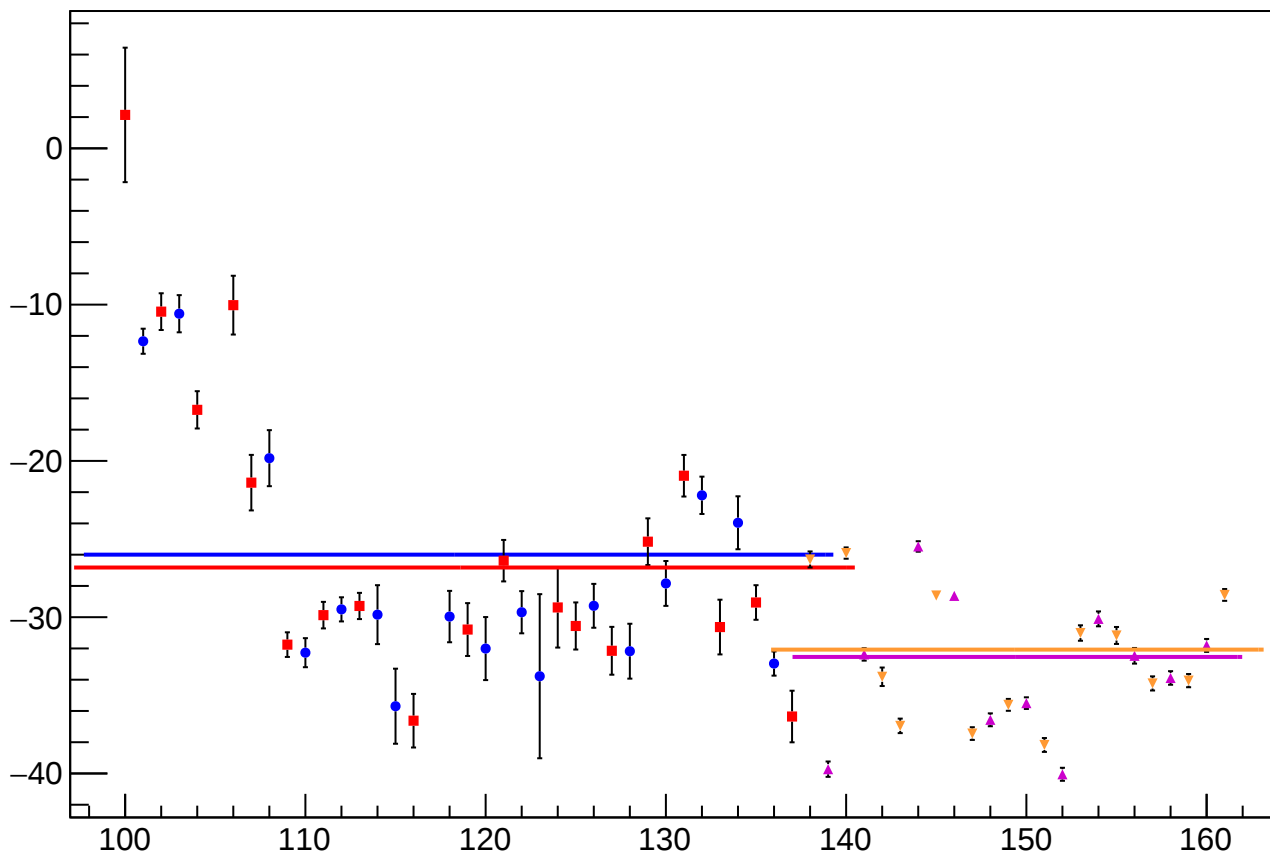
Right: 0.414 $\pm$ 0.122 χ^2/NDF : 568.9/35

In: 0.773 $\pm$ 0.075 χ^2/NDF : 805.0/27

Out: 1.249 $\pm$ 0.074 χ^2/NDF : 1311.8/31

All: 1.014 $\pm$ 0.052 χ^2/NDF : 2137.4/59

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.075 ± 0.118 χ^2/NDF : 1250.1/12

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.543 ± 0.120 χ^2/NDF : 1360.1/10

Left: -32.304 ± 0.084 χ^2/NDF : 2617.9/23

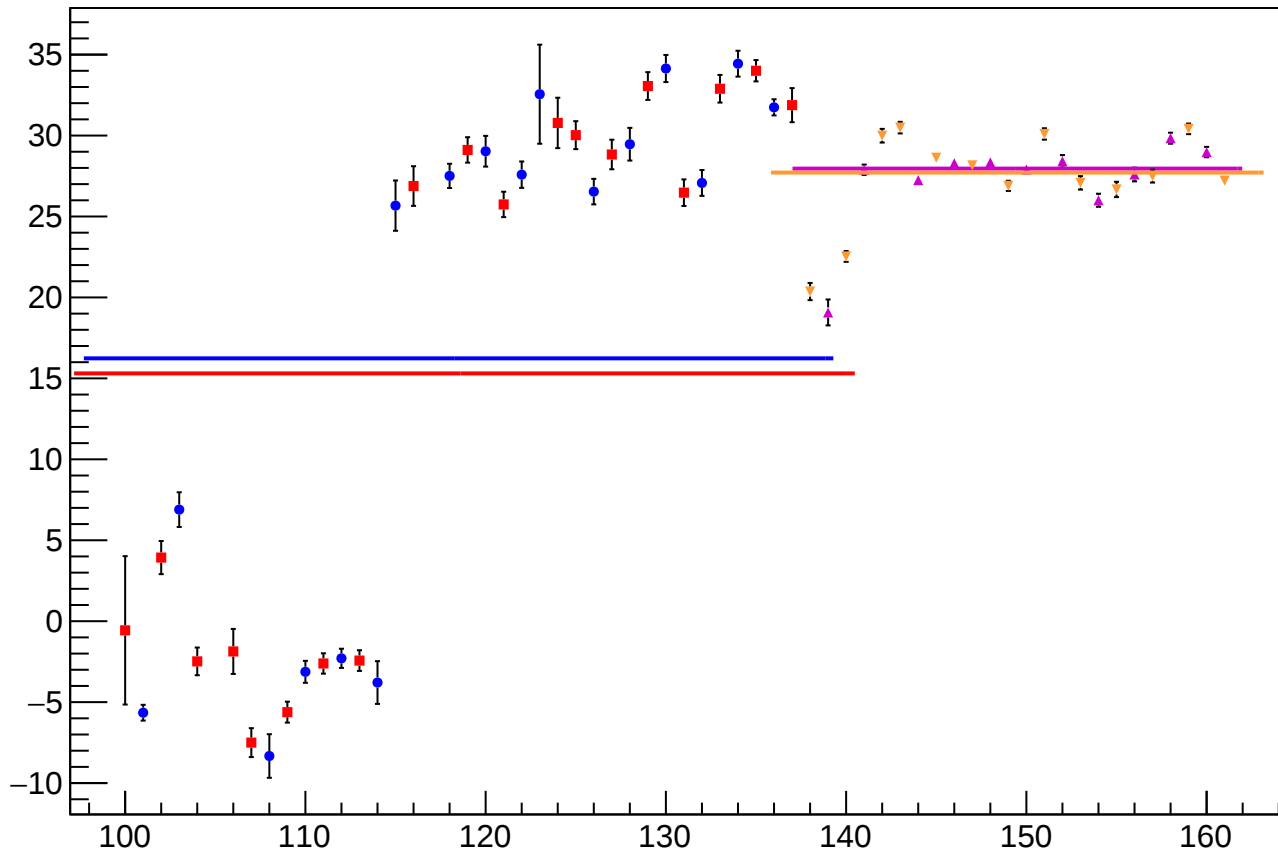
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.642 ± 0.111 χ^2/NDF : 2462.8/27

Out: -31.366 ± 0.109 χ^2/NDF : 2100.7/31

All: -31.501 ± 0.078 χ^2/NDF : 4566.6/59

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.714 $\pm$ 0.097 χ^2 /NDF:666.0/12

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.958 $\pm$ 0.099 χ^2 /NDF:199.9/10

Left: 27.833 $\pm$ 0.069 χ^2 /NDF: 868.9/23

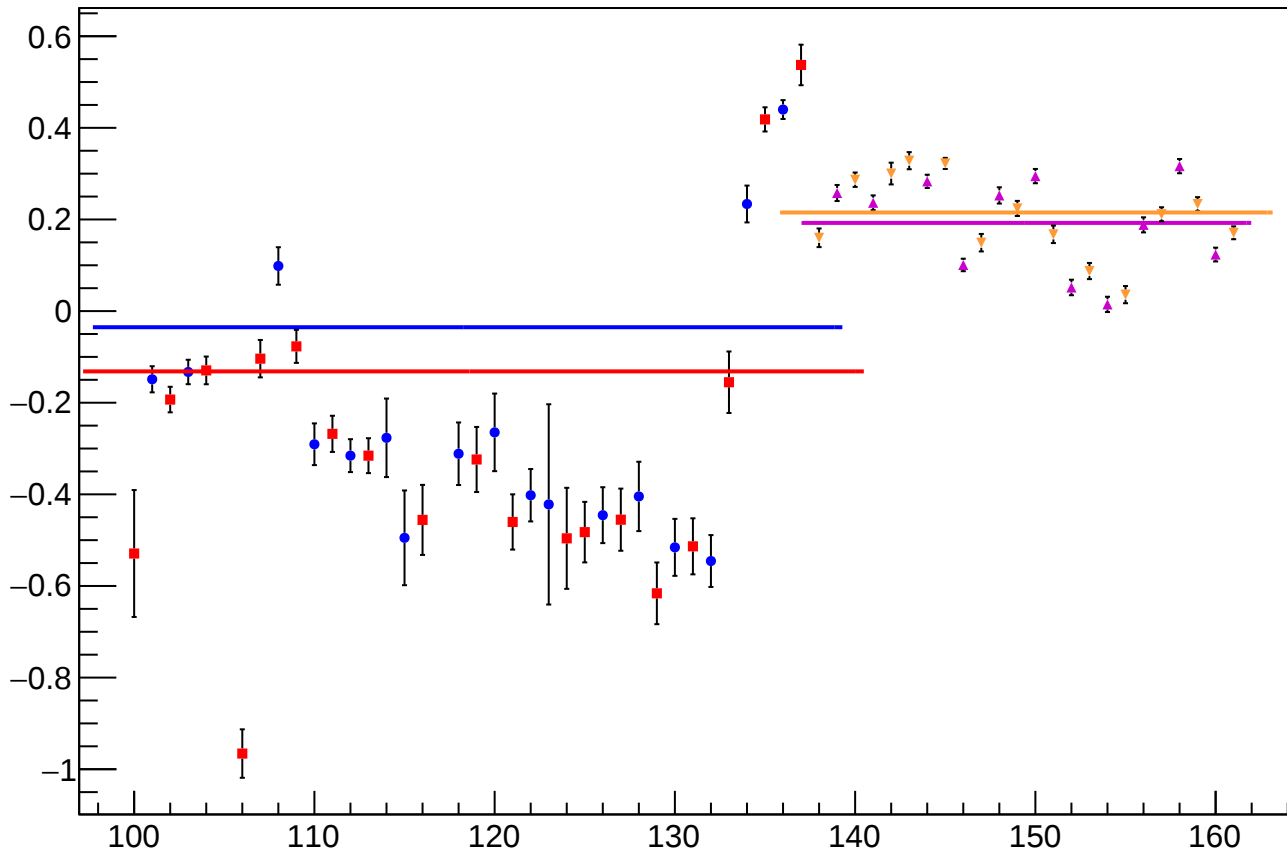
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.471 $\pm$ 0.088 χ^2 /NDF:10734.5/27

Out: 25.301 $\pm$ 0.087 χ^2 /NDF:11134.3/31

All: 25.385 $\pm$ 0.062 χ^2 /NDF: 21870.7/59

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: 0.215 ± 0.005 χ^2/NDF : 328.7/12

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.193 ± 0.005 χ^2/NDF : 426.5/10

Left: 0.204 ± 0.003 χ^2/NDF : 766.9/23

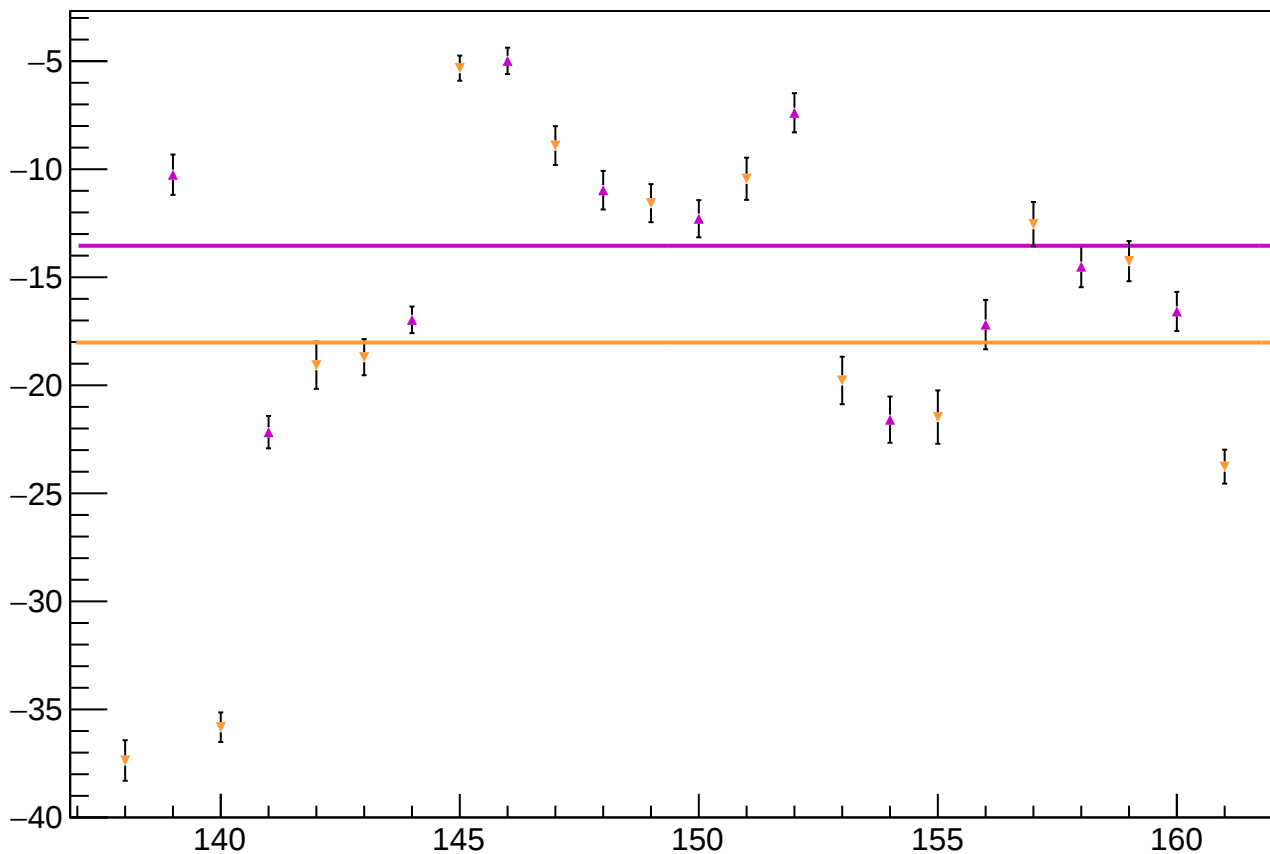
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.152 ± 0.004 χ^2/NDF : 1840.9/27

Out: 0.158 ± 0.004 χ^2/NDF : 2432.9/31

All: 0.155 ± 0.003 χ^2/NDF : 4274.6/59

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



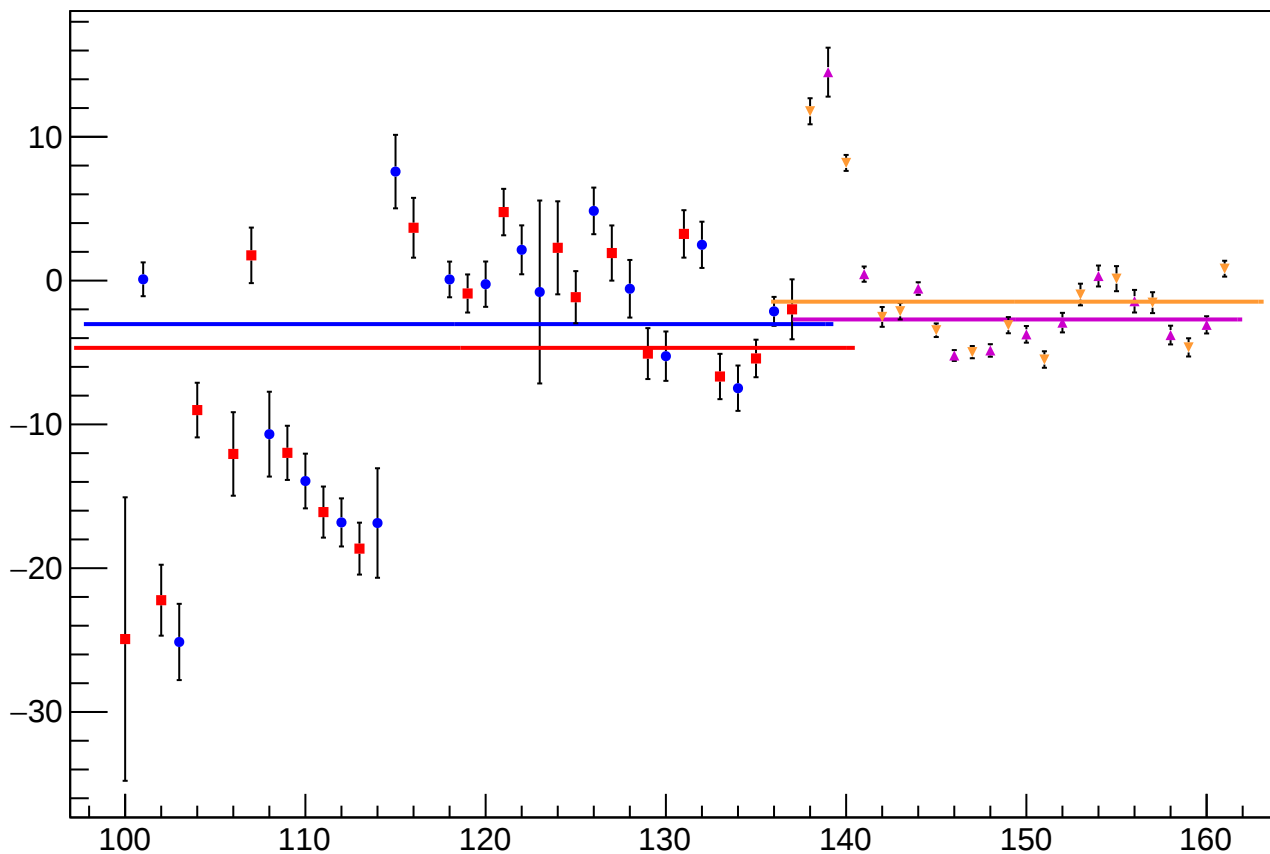
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -18.021 ± 0.240 $\chi^2/\text{NDF}: 1904.4/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -13.542 ± 0.250 $\chi^2/\text{NDF}: 508.5/10$

Left: -15.864 ± 0.173 $\chi^2/\text{NDF}: 2579.9/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -13.542 ± 0.250 $\chi^2/\text{NDF}: 508.5/10$
 Out: -18.021 ± 0.240 $\chi^2/\text{NDF}: 1904.4/12$

All: -15.864 ± 0.173 $\chi^2/\text{NDF}: 2579.9/23$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.466 ± 0.165 χ^2/NDF : 708.5/12

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.702 ± 0.168 χ^2/NDF : 256.5/10

Left: -2.073 ± 0.118 χ^2/NDF : 992.4/23

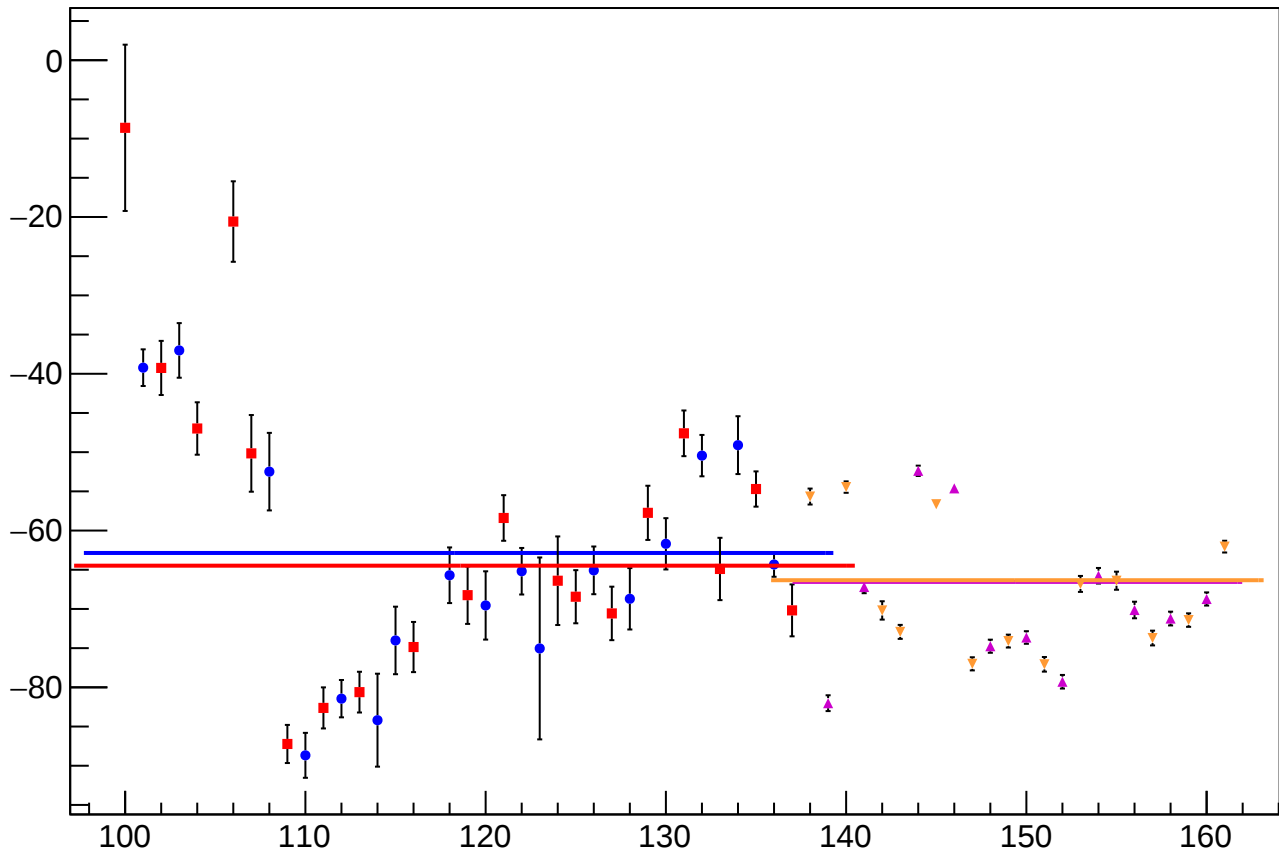
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.749 ± 0.156 χ^2/NDF : 537.6/27

Out: -1.886 ± 0.154 χ^2/NDF : 1057.0/31

All: -2.314 ± 0.110 χ^2/NDF : 1610.1/59

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -66.335 ± 0.239 $\chi^2/\text{NDF}: 1199.5/12$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -66.547 ± 0.245 $\chi^2/\text{NDF}: 1550.2/10$

Left: -66.438 ± 0.171 $\chi^2/\text{NDF}: 2750.0/23$

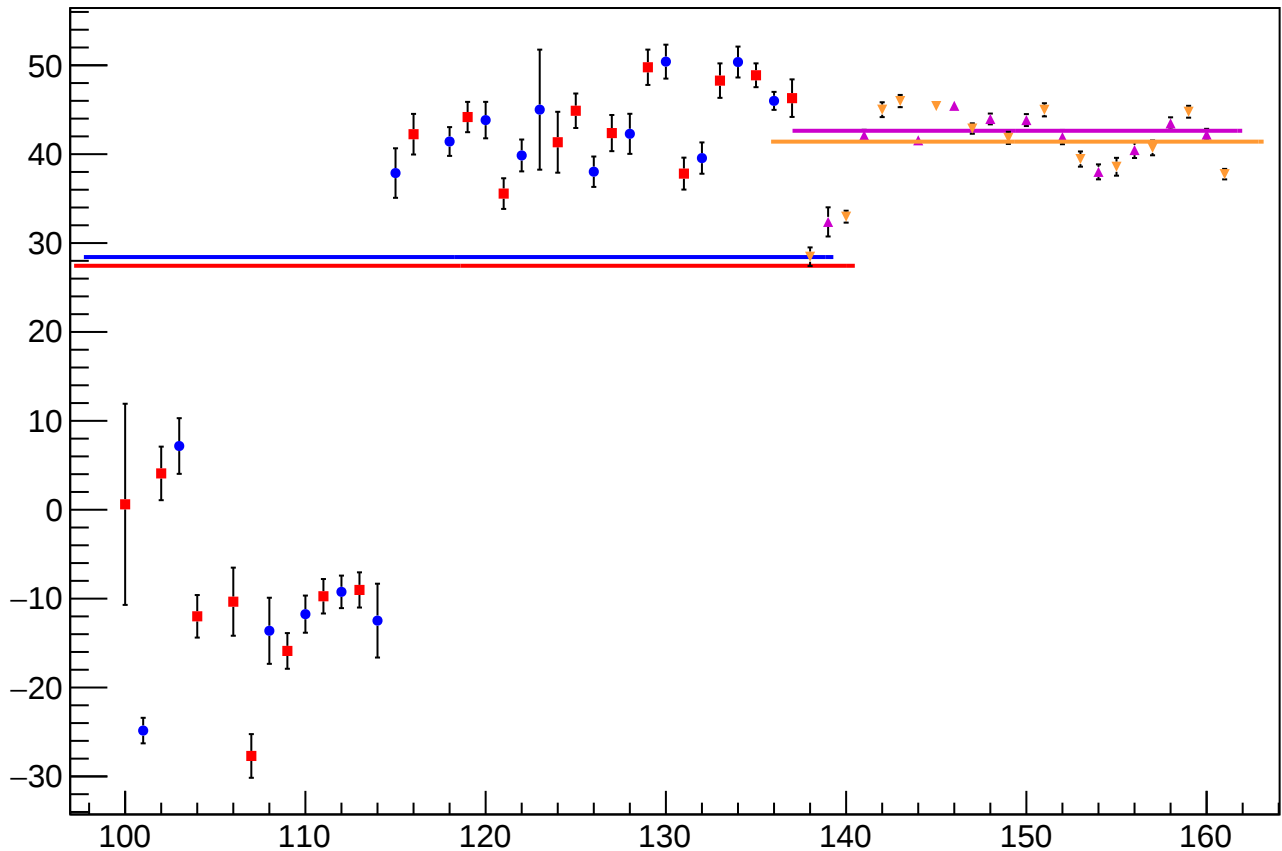
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -66.182 ± 0.232 $\chi^2/\text{NDF}: 1940.3/27$

Out: -66.164 ± 0.228 $\chi^2/\text{NDF}: 1649.0/31$

All: -66.173 ± 0.163 $\chi^2/\text{NDF}: 3589.3/59$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.410 $\pm$ 0.197 χ^2 /NDF: 534.7/12

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.631 $\pm$ 0.202 χ^2 /NDF: 125.4/10

Left: 42.005 $\pm$ 0.141 χ^2 /NDF: 678.9/23

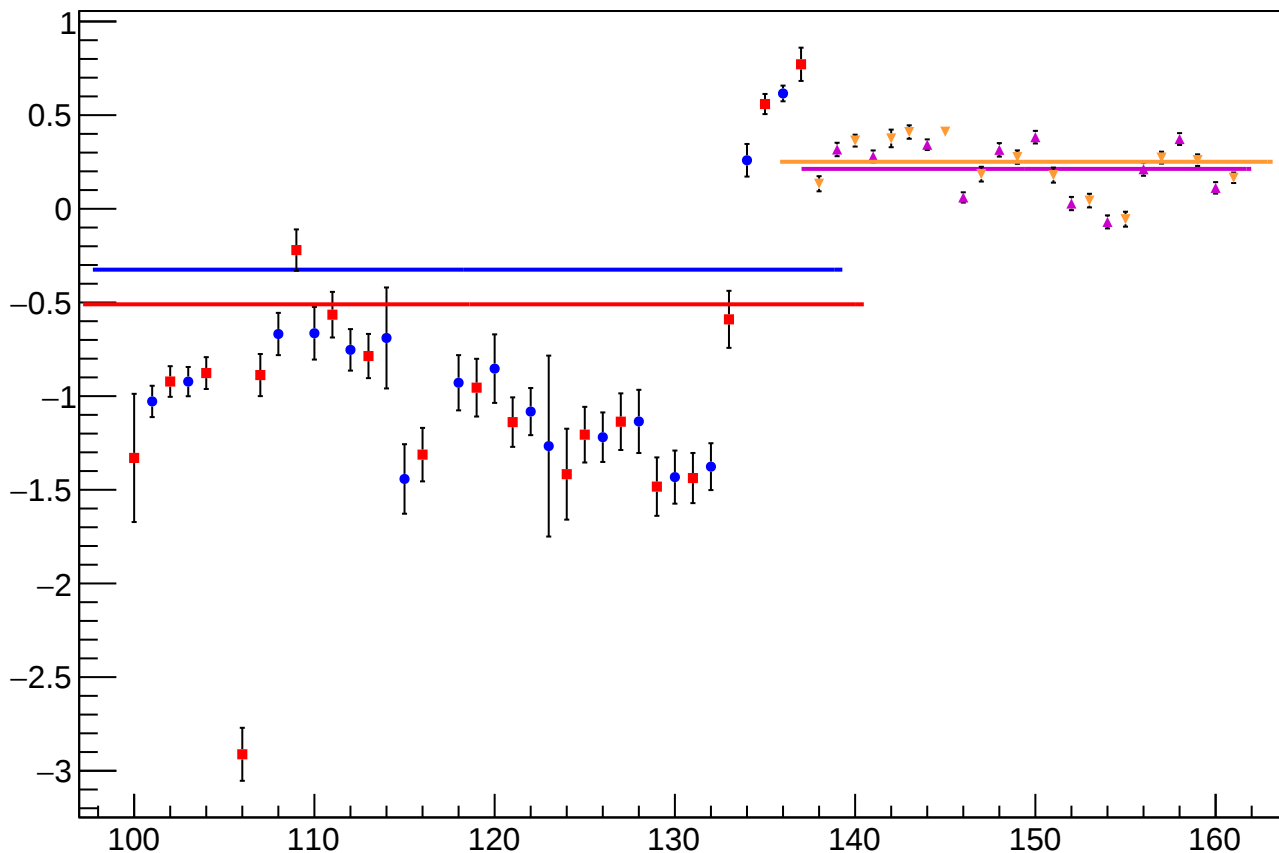
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 40.319 $\pm$ 0.185 χ^2 /NDF: 4254.0/27

Out: 39.389 $\pm$ 0.182 χ^2 /NDF: 4297.2/31

All: 39.847 $\pm$ 0.130 χ^2 /NDF: 8564.1/59

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: 0.251 ± 0.009 χ^2/NDF : 199.3/12

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.213 ± 0.010 χ^2/NDF : 226.9/10

Left: 0.233 ± 0.007 χ^2/NDF : 434.1/23

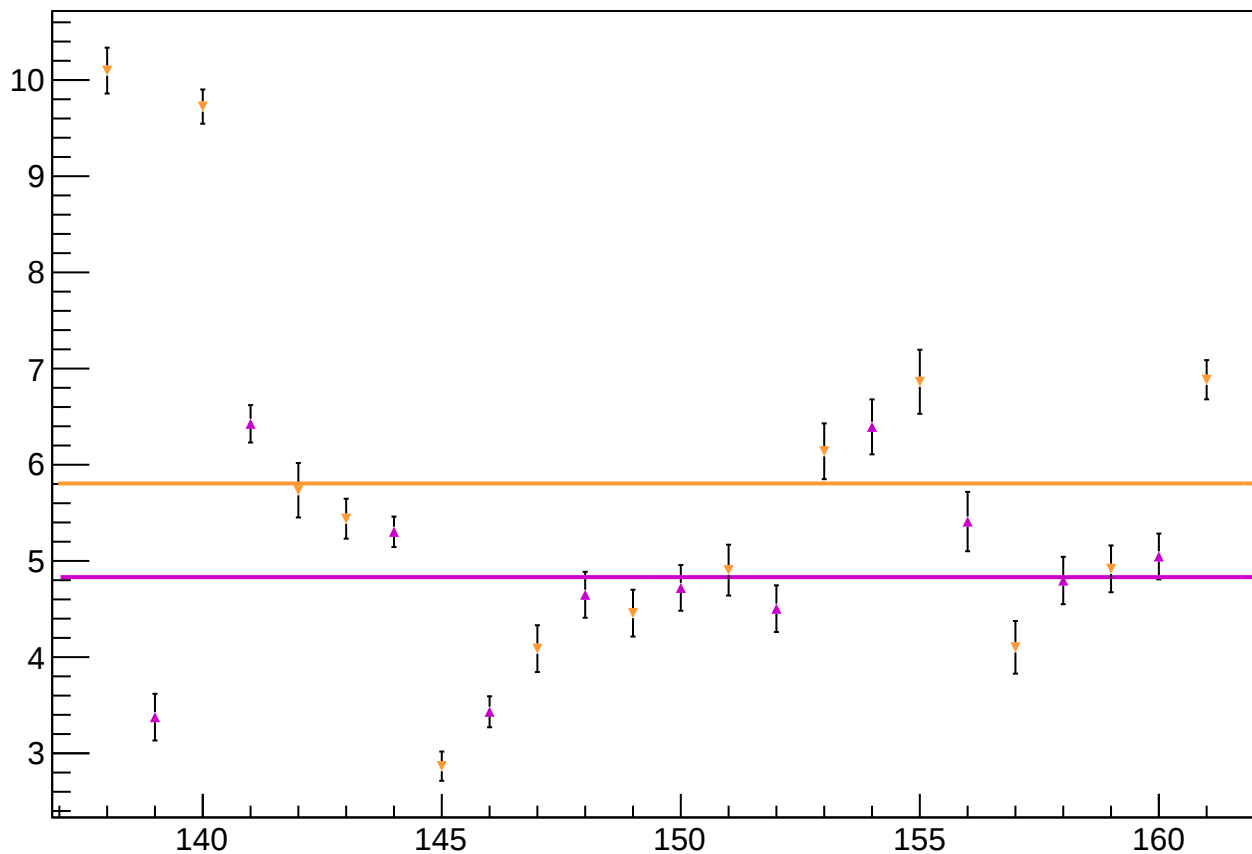
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.141 ± 0.009 χ^2/NDF : 1642.6/27

Out: 0.161 ± 0.009 χ^2/NDF : 2141.4/31

All: 0.151 ± 0.006 χ^2/NDF : 3786.4/59

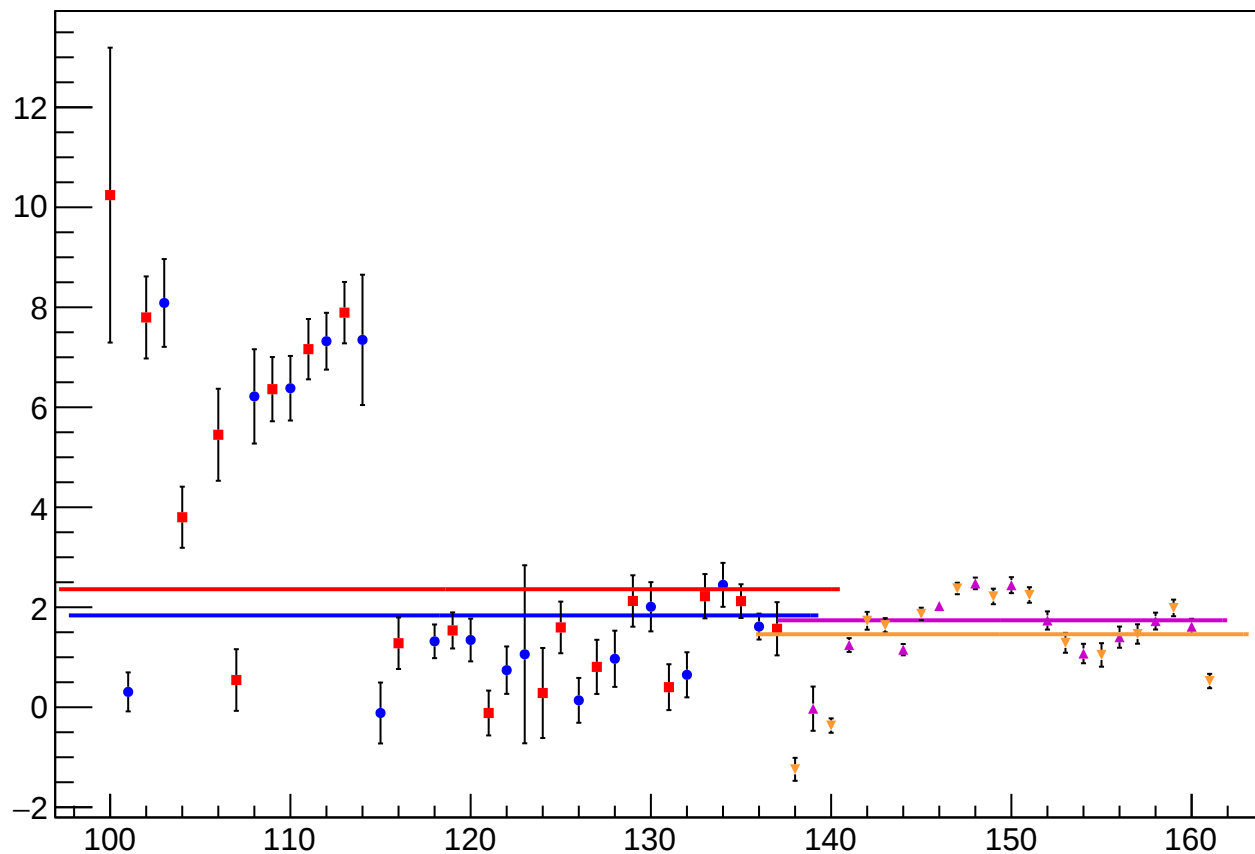
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.832 $\pm$ 0.066 χ^2 /NDF:224.4/10

Left: 5.339 $\pm$ 0.046 χ^2 /NDF: 1707.1/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.832 $\pm$ 0.066 χ^2 /NDF:224.4/10
 Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 All: 5.339 $\pm$ 0.046 χ^2 /NDF: 1707.1/23

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.460 $\pm$ 0.044 χ^2 /NDF:482.4/12

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.739 $\pm$ 0.044 χ^2 /NDF:139.1/10

Left: 1.597 $\pm$ 0.031 χ^2 /NDF: 641.6/23

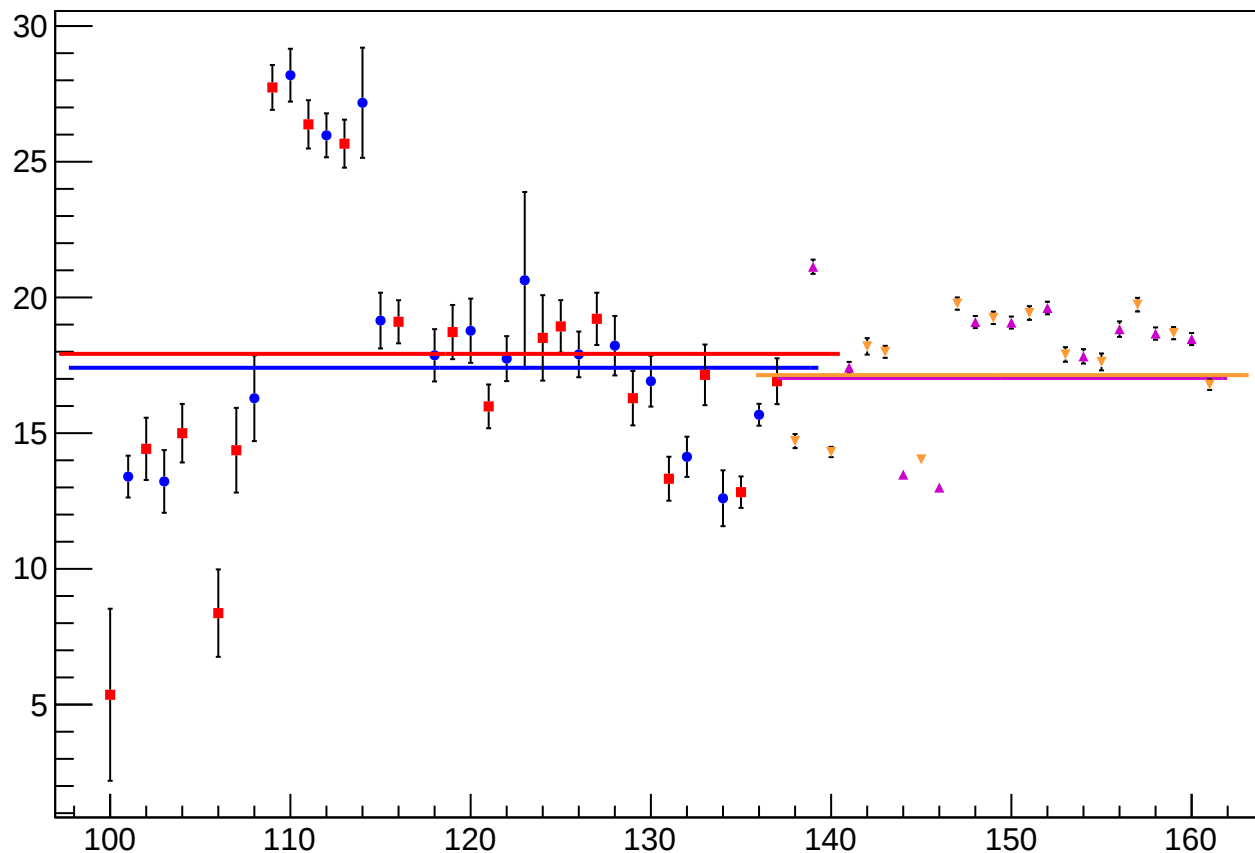
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.751 $\pm$ 0.041 χ^2 /NDF:433.8/27

Out: 1.561 $\pm$ 0.041 χ^2 /NDF:867.3/31

All: 1.655 $\pm$ 0.029 χ^2 /NDF: 1311.8/59

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 17.138 $\pm$ 0.063 χ^2 /NDF:1176.9/12

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 17.035 $\pm$ 0.065 χ^2 /NDF:1803.9/10

Left: 17.088 $\pm$ 0.045 χ^2 /NDF: 2982.0/23

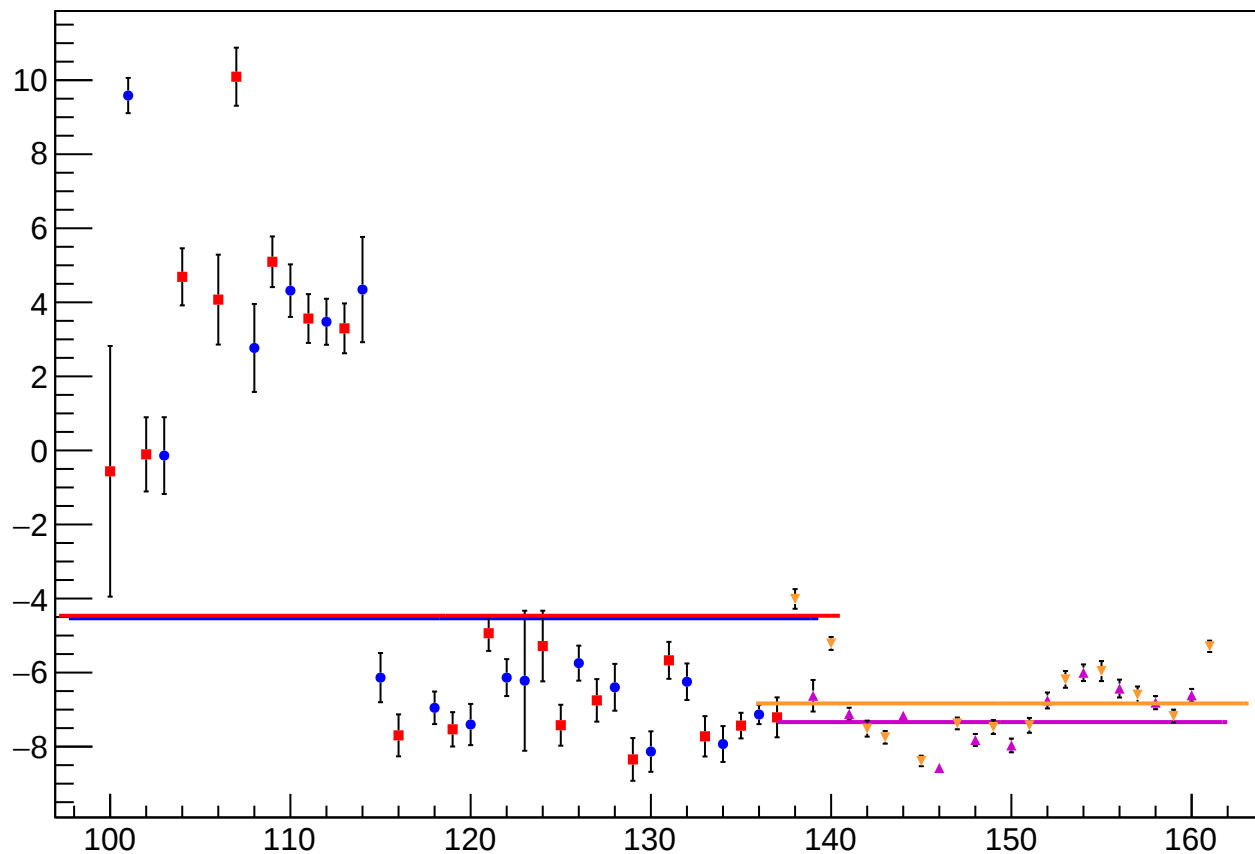
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 17.067 $\pm$ 0.062 χ^2 /NDF:2171.8/27

Out: 17.198 $\pm$ 0.060 χ^2 /NDF:1695.2/31

All: 17.134 $\pm$ 0.043 χ^2 /NDF: 3869.3/59

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.833 ± 0.052 χ^2/NDF : 513.9/12

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.337 ± 0.053 χ^2/NDF : 209.3/10

Left: -7.078 ± 0.037 χ^2/NDF : 769.2/23

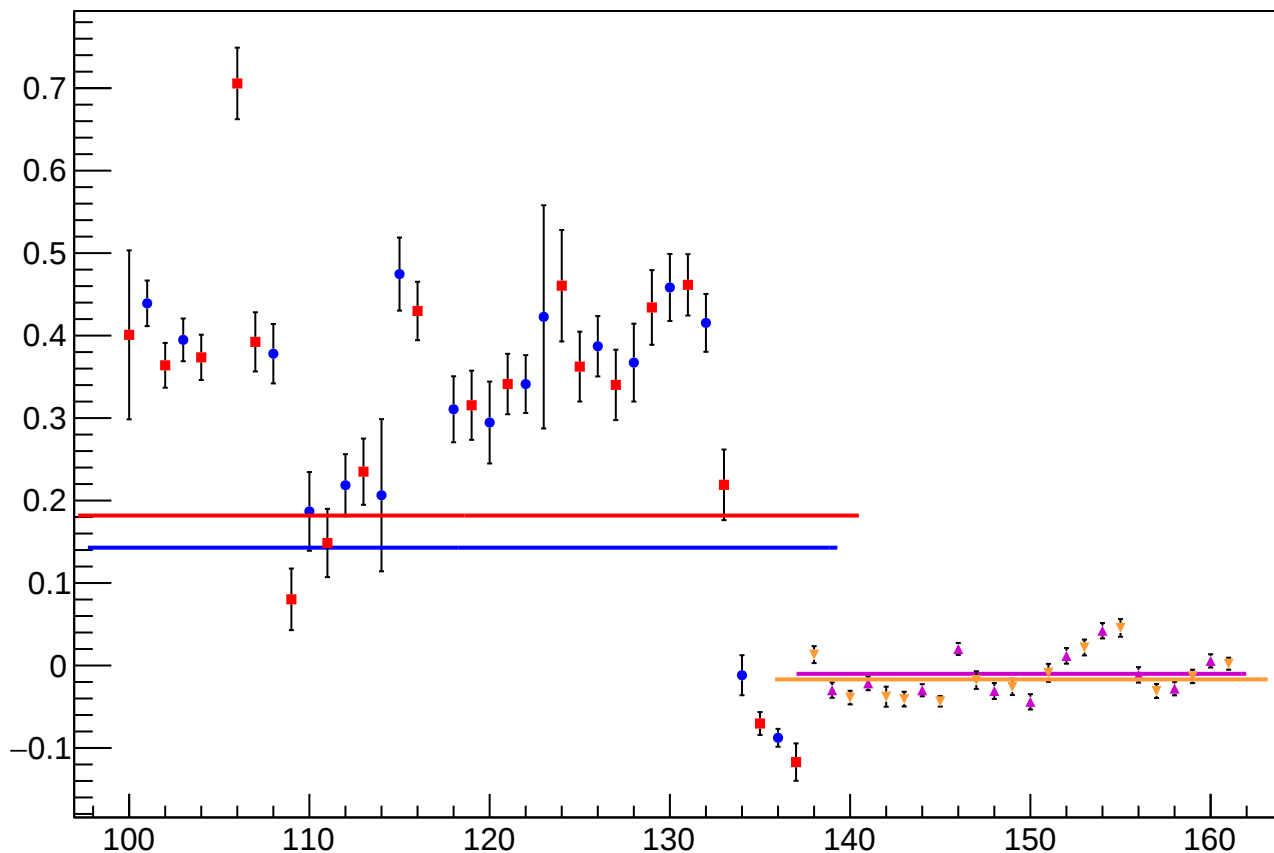
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.933 ± 0.049 χ^2/NDF : 2197.9/27

Out: -6.537 ± 0.048 χ^2/NDF : 2116.7/31

All: -6.731 ± 0.035 χ^2/NDF : 4347.5/59

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.017 ± 0.002 $\chi^2/\text{NDF}: 104.3/12$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 94.5/10$

Left: -0.014 ± 0.002 $\chi^2/\text{NDF}: 202.4/23$

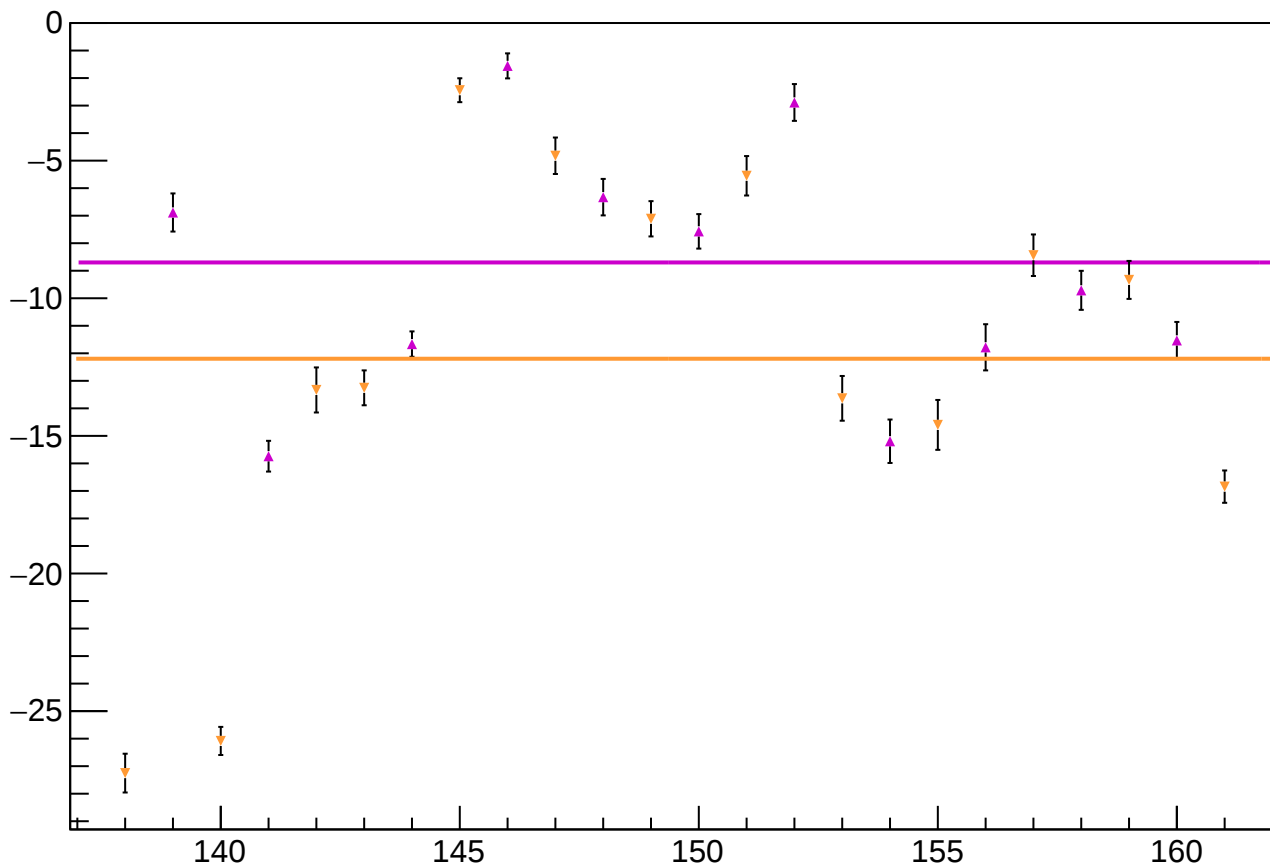
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.008 ± 0.002 $\chi^2/\text{NDF}: 1568.0/27$

Out: 0.003 ± 0.002 $\chi^2/\text{NDF}: 1763.0/31$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3333.0/59$

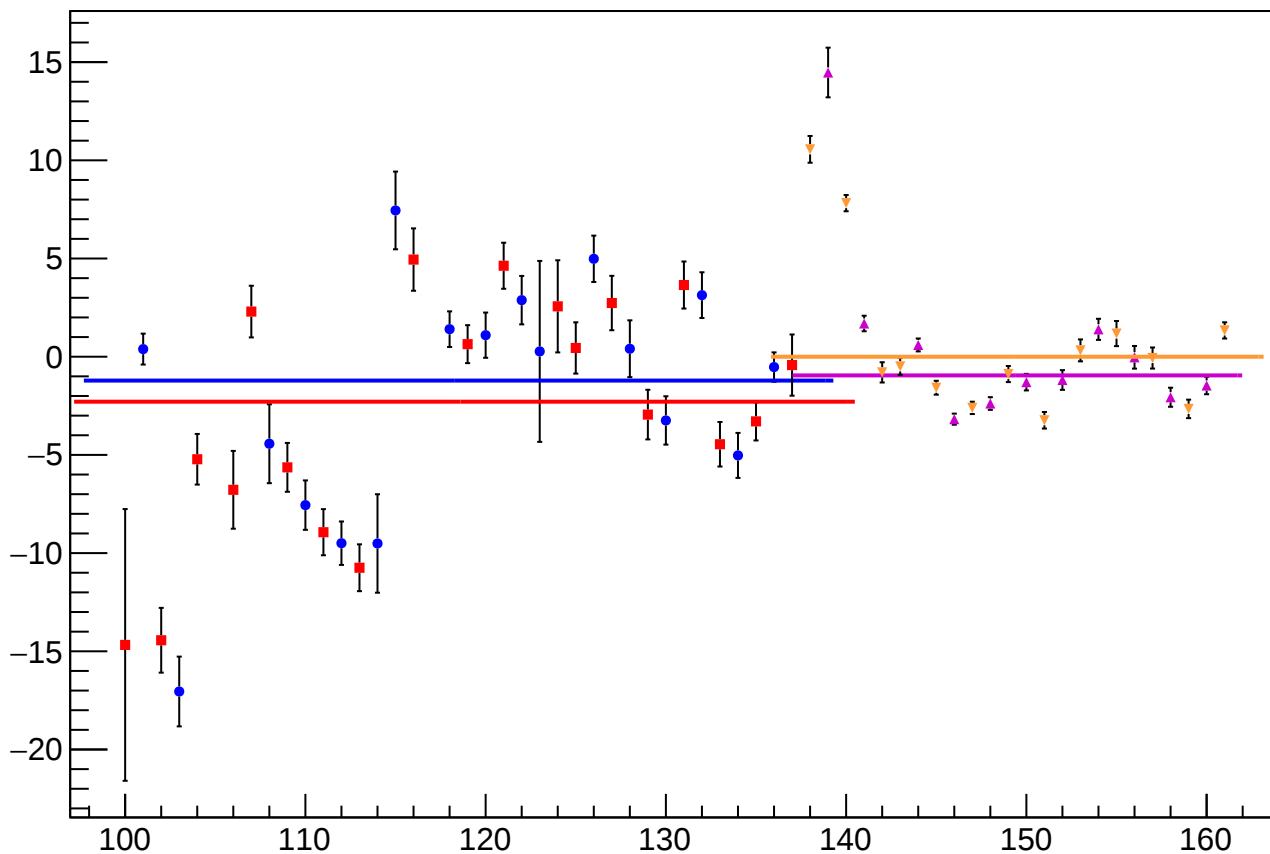
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.197+/-0.179 χ^2/NDF :2093.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.699+/-0.185 χ^2/NDF :646.9/10

Left: -10.510+/-0.129 χ^2/NDF : 2925.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.699+/-0.185 χ^2/NDF :646.9/10
 Out: -12.197+/-0.179 χ^2/NDF :2093.5/12
 All: -10.510+/-0.129 χ^2/NDF : 2925.0/23

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: -0.002 ± 0.123 $\chi^2/\text{NDF}: 798.7/12$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.952 ± 0.125 $\chi^2/\text{NDF}: 326.4/10$

Left: -0.467 ± 0.088 $\chi^2/\text{NDF}: 1154.5/23$

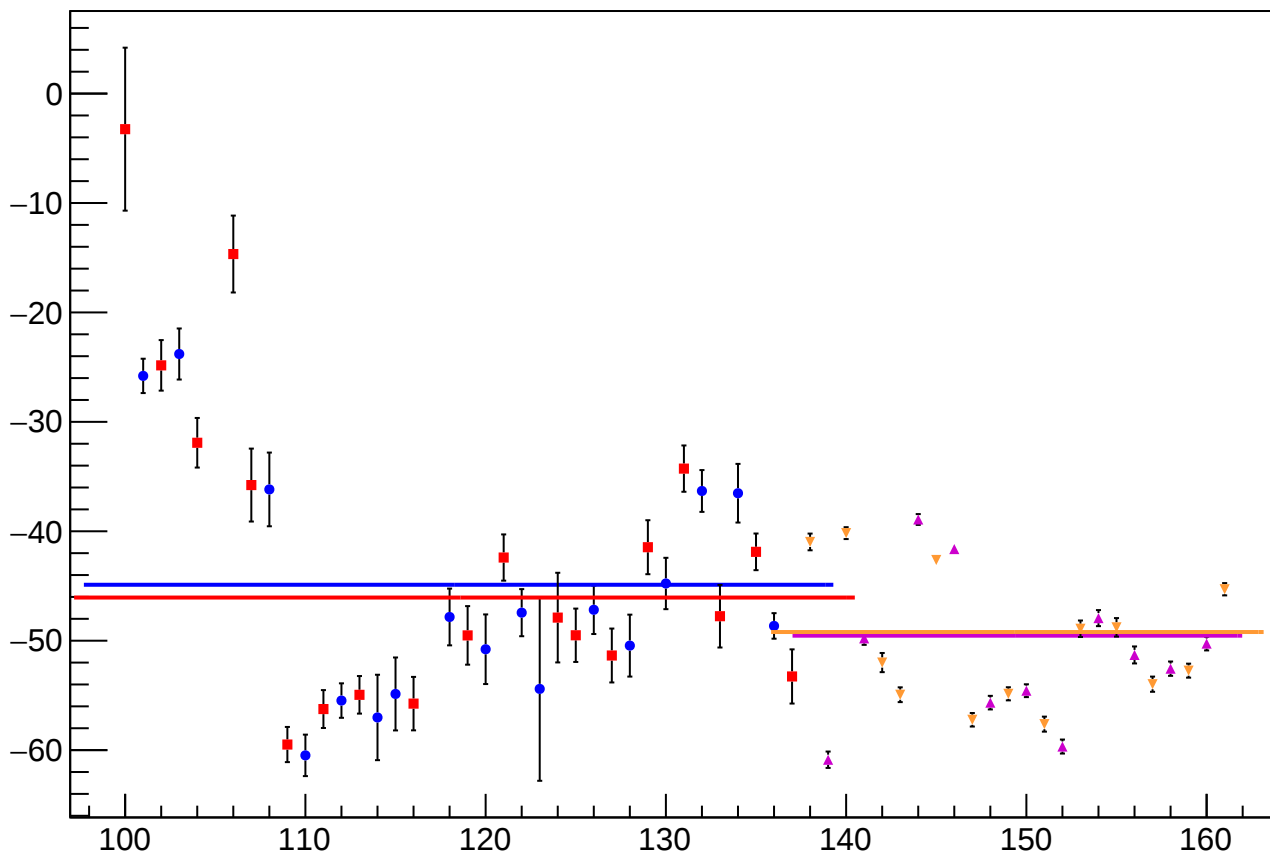
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.993 ± 0.115 $\chi^2/\text{NDF}: 605.8/27$

Out: -0.326 ± 0.114 $\chi^2/\text{NDF}: 1135.1/31$

All: -0.656 ± 0.081 $\chi^2/\text{NDF}: 1757.9/59$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -49.206 ± 0.178 χ^2/NDF : 1213.1/12
 Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18
 Left In: -49.540 ± 0.182 χ^2/NDF : 1474.6/10

Left: -49.370 ± 0.127 χ^2/NDF : 2689.4/23

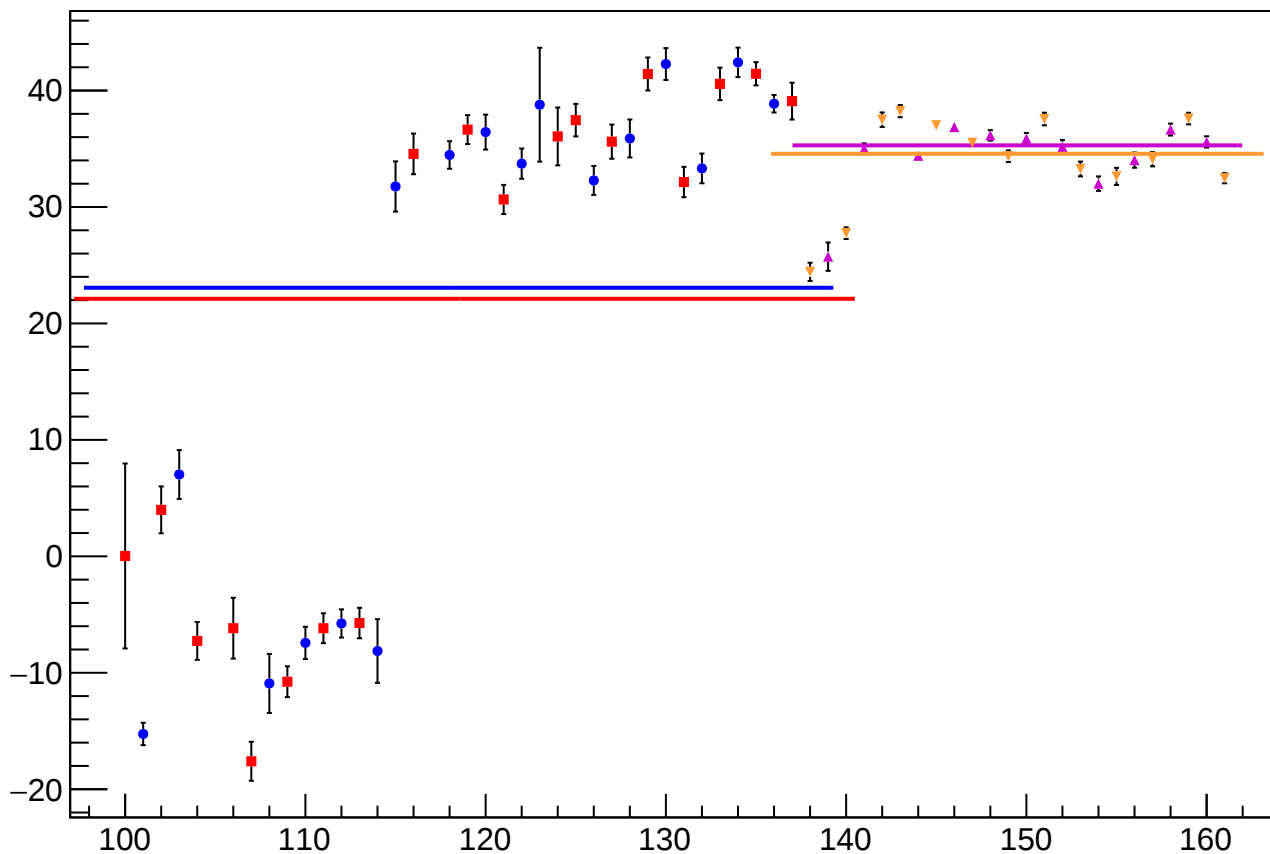
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -49.040 ± 0.172 χ^2/NDF : 1965.5/27

Out: -48.886 ± 0.168 χ^2/NDF : 1698.8/31

All: -48.962 ± 0.120 χ^2/NDF : 3664.8/59

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.567 $\pm$ 0.146 χ^2 /NDF: 565.0/12

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.293 $\pm$ 0.150 χ^2 /NDF: 130.7/10

Left: 34.921 $\pm$ 0.105 χ^2 /NDF: 707.7/23

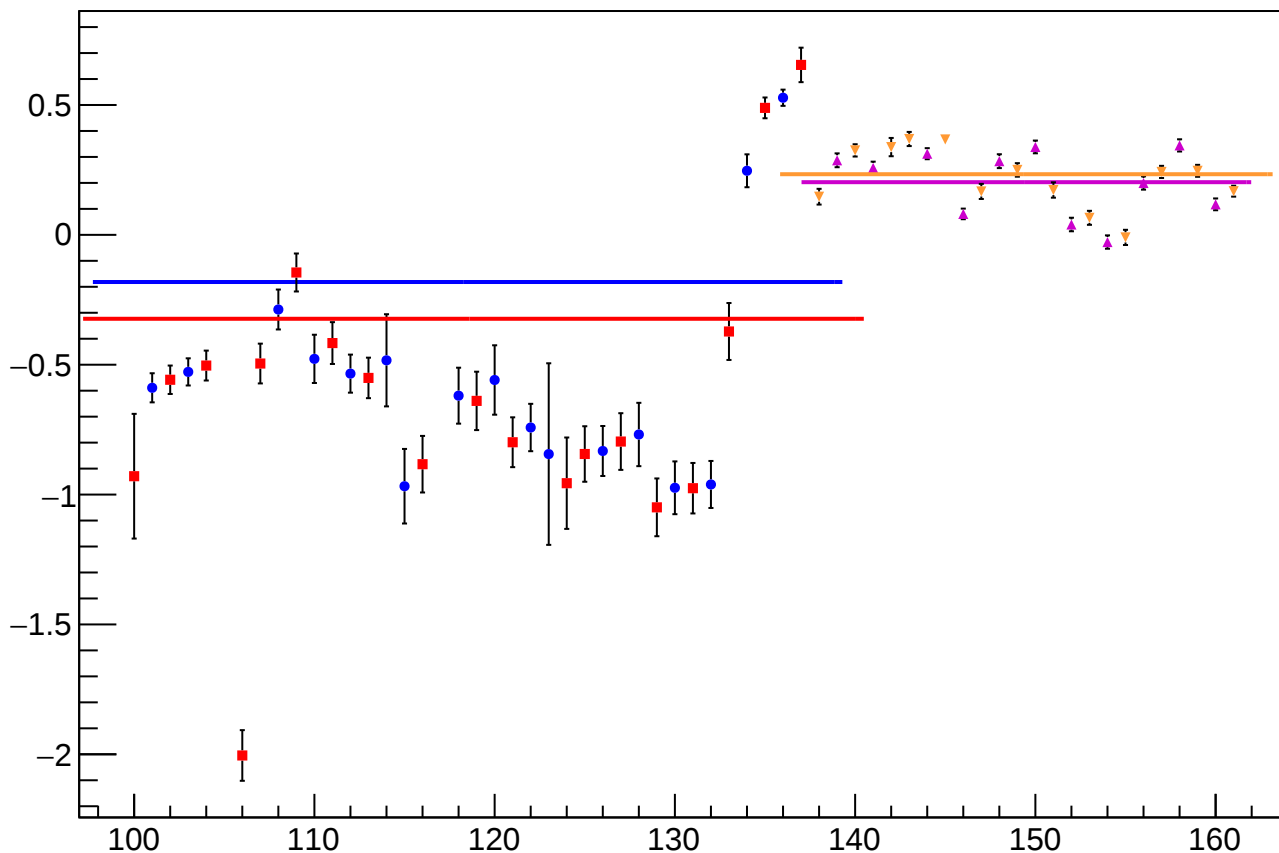
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 33.164 $\pm$ 0.136 χ^2 /NDF: 5622.1/27

Out: 32.622 $\pm$ 0.134 χ^2 /NDF: 5731.3/31

All: 32.889 $\pm$ 0.096 χ^2 /NDF: 11361.5/59

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: 0.233 ± 0.007 χ^2/NDF : 239.6/12

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.203 ± 0.007 χ^2/NDF : 287.0/10

Left: 0.219 ± 0.005 χ^2/NDF : 535.9/23

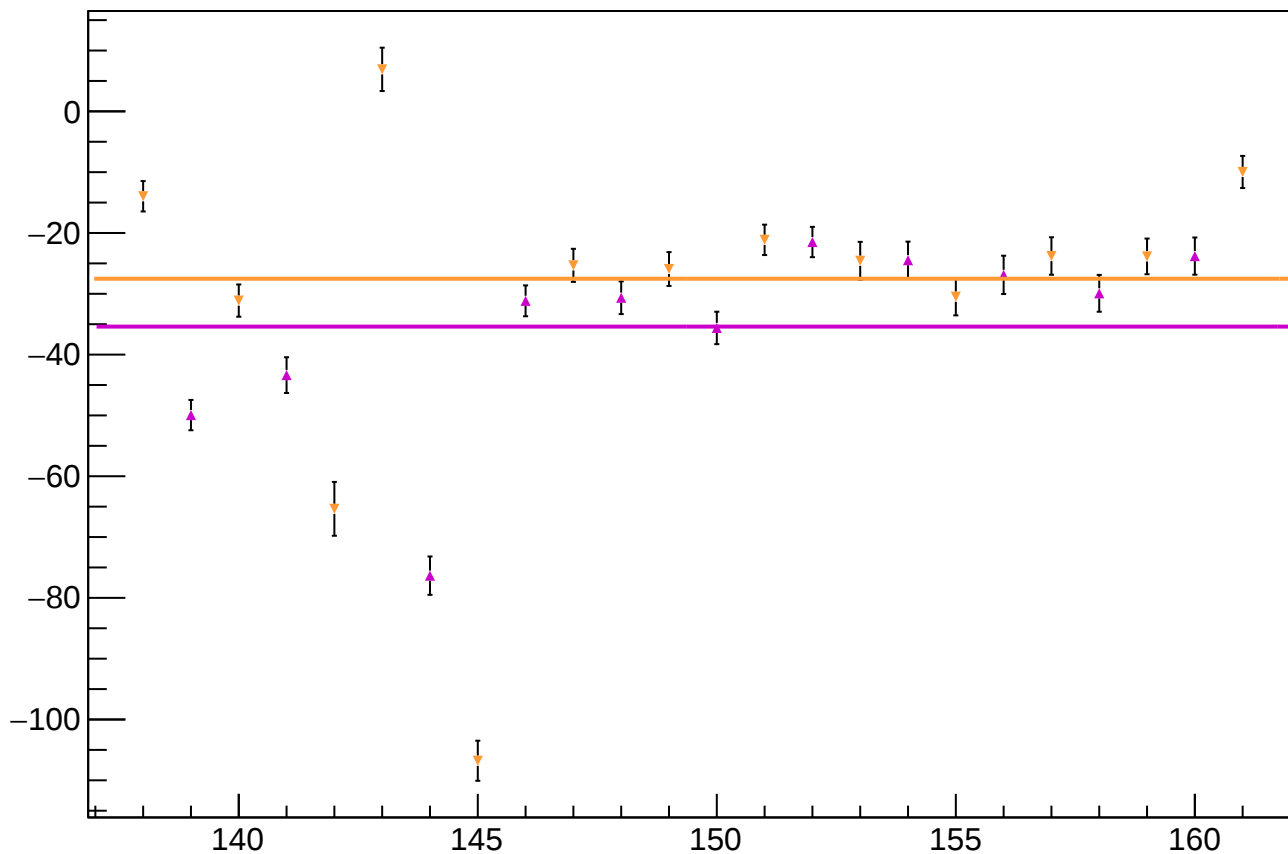
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.148 ± 0.007 χ^2/NDF : 1686.2/27

Out: 0.162 ± 0.007 χ^2/NDF : 2241.4/31

All: 0.155 ± 0.005 χ^2/NDF : 3929.8/59

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -27.521+/-0.810 χ^2/NDF :832.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.391+/-0.846 χ^2/NDF :285.0/10

Left: -31.285+/-0.585 χ^2/NDF : 1162.5/23

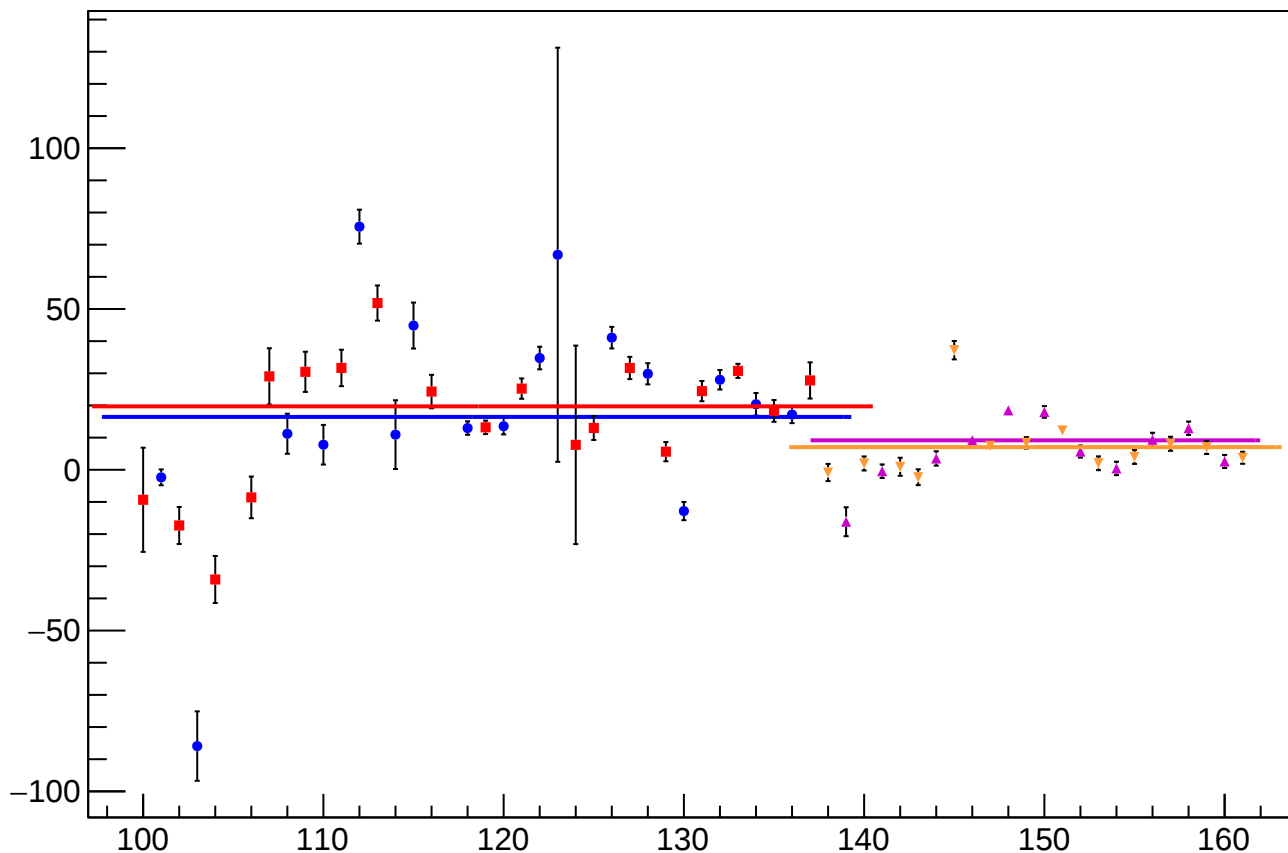
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.391+/-0.846 χ^2/NDF :285.0/10

Out: -27.521+/-0.810 χ^2/NDF :832.4/12

All: -31.285+/-0.585 χ^2/NDF : 1162.5/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.041 ± 0.547 $\chi^2/\text{NDF}: 169.3/12$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 9.156 ± 0.576 $\chi^2/\text{NDF}: 168.0/10$

Left: 8.044 ± 0.397 $\chi^2/\text{NDF}: 344.4/23$

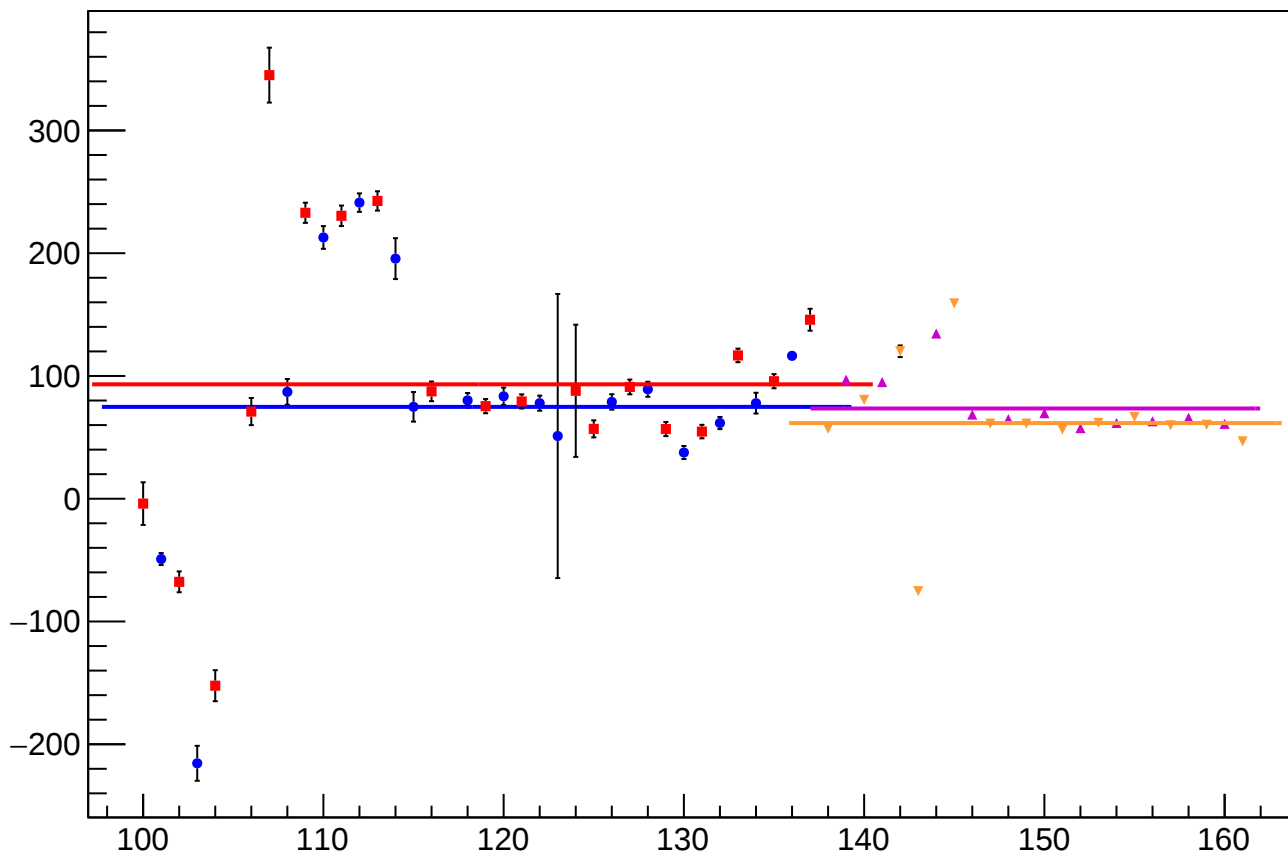
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 11.455 ± 0.477 $\chi^2/\text{NDF}: 735.4/27$

Out: 10.476 ± 0.467 $\chi^2/\text{NDF}: 556.5/31$

All: 10.956 ± 0.334 $\chi^2/\text{NDF}: 1294.1/59$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 61.644+/-0.791 χ^2/NDF : 2349.9/12

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 73.516+/-0.821 χ^2/NDF : 570.7/10

Left: 67.363+/-0.570 χ^2/NDF : 3029.0/23

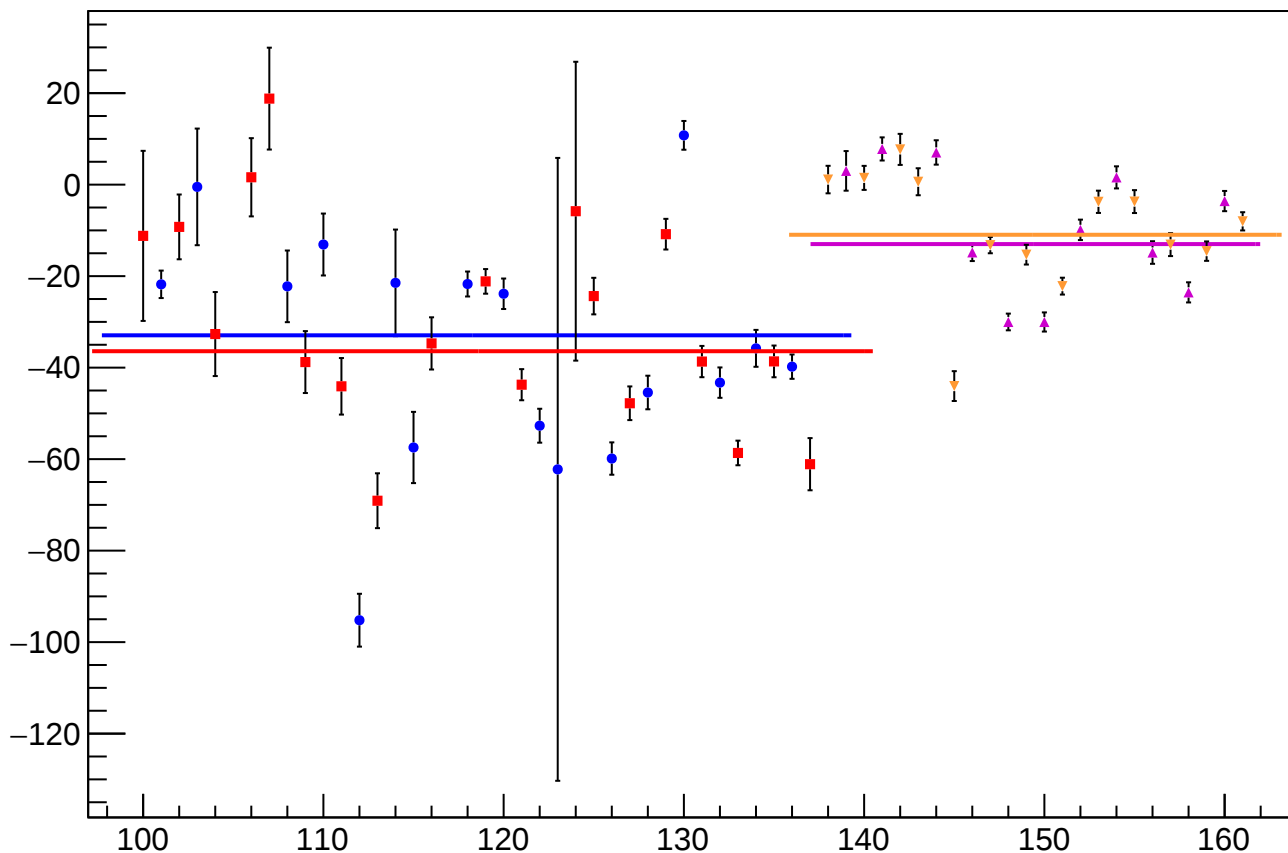
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 73.778+/-0.734 χ^2/NDF : 2568.0/27

Out: 67.203+/-0.718 χ^2/NDF : 4630.7/31

All: 70.420+/-0.513 χ^2/NDF : 7239.7/59

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.956 ± 0.654 $\chi^2/\text{NDF}: 252.8/12$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -12.993 ± 0.690 $\chi^2/\text{NDF}: 371.8/10$

Left: -11.921 ± 0.475 $\chi^2/\text{NDF}: 629.1/23$

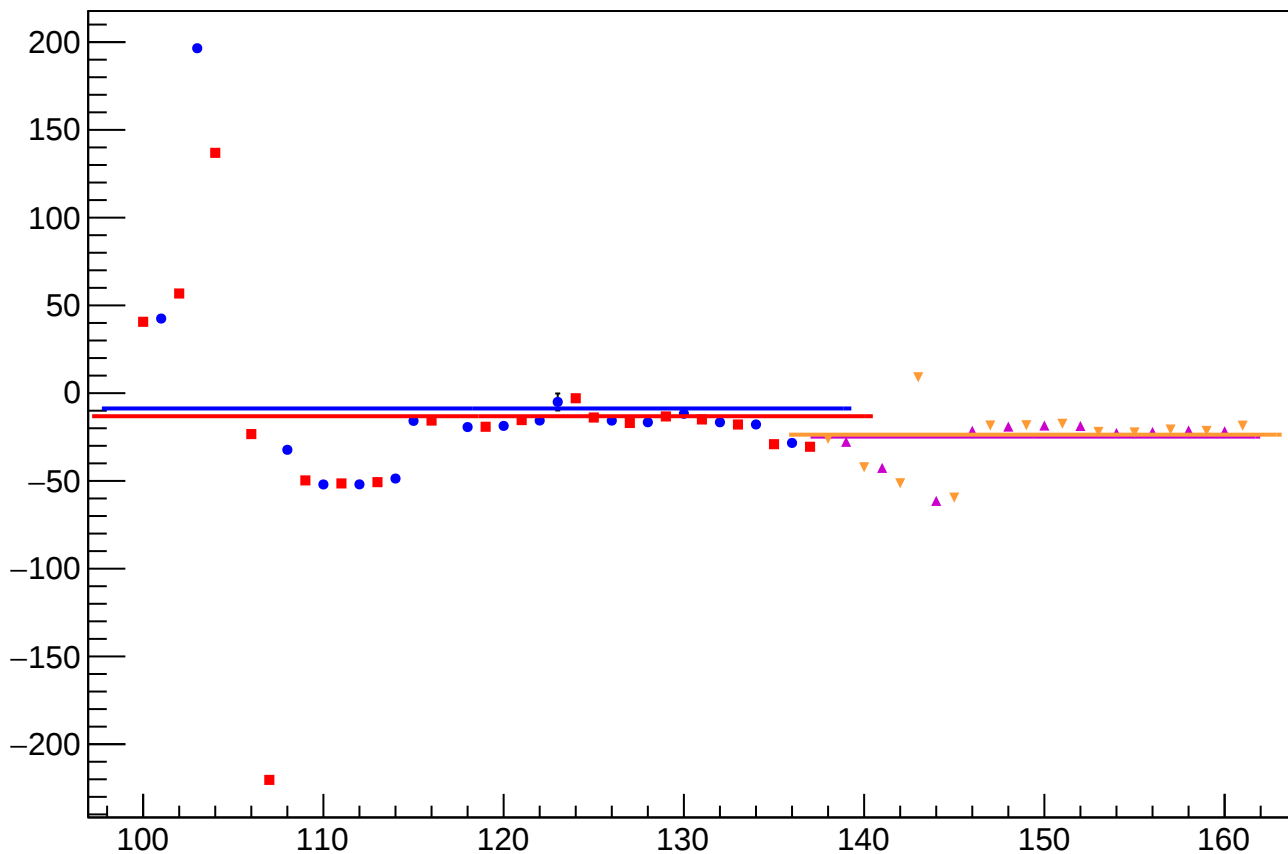
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -19.657 ± 0.563 $\chi^2/\text{NDF}: 1142.0/27$

Out: -18.321 ± 0.551 $\chi^2/\text{NDF}: 986.0/31$

All: -18.975 ± 0.394 $\chi^2/\text{NDF}: 2130.9/59$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -23.649 ± 0.031 χ^2/NDF : 173342.1/12

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -24.771 ± 0.032 χ^2/NDF : 96936.6/10

Left: -24.193 ± 0.022 χ^2/NDF : 270917.0/23

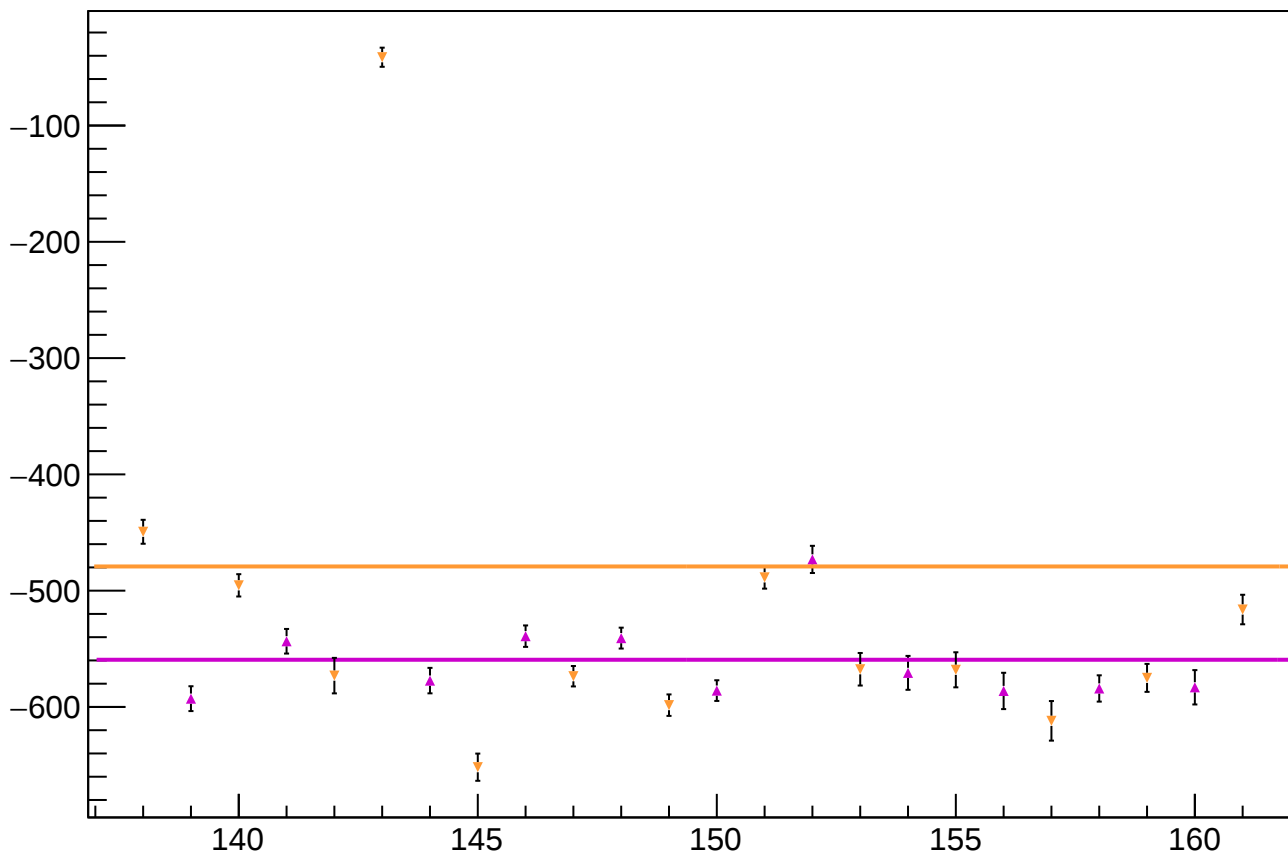
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -21.131 ± 0.028 χ^2/NDF : 730236.1/27

Out: -21.544 ± 0.028 χ^2/NDF : 755154.7/31

All: -21.340 ± 0.020 χ^2/NDF : 1485501.1/59

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -479.187+/-3.042 χ^2/NDF :3592.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -559.418+/-3.309 χ^2/NDF :98.1/10

Left: -515.934+/-2.239 χ^2/NDF : 4009.0/23

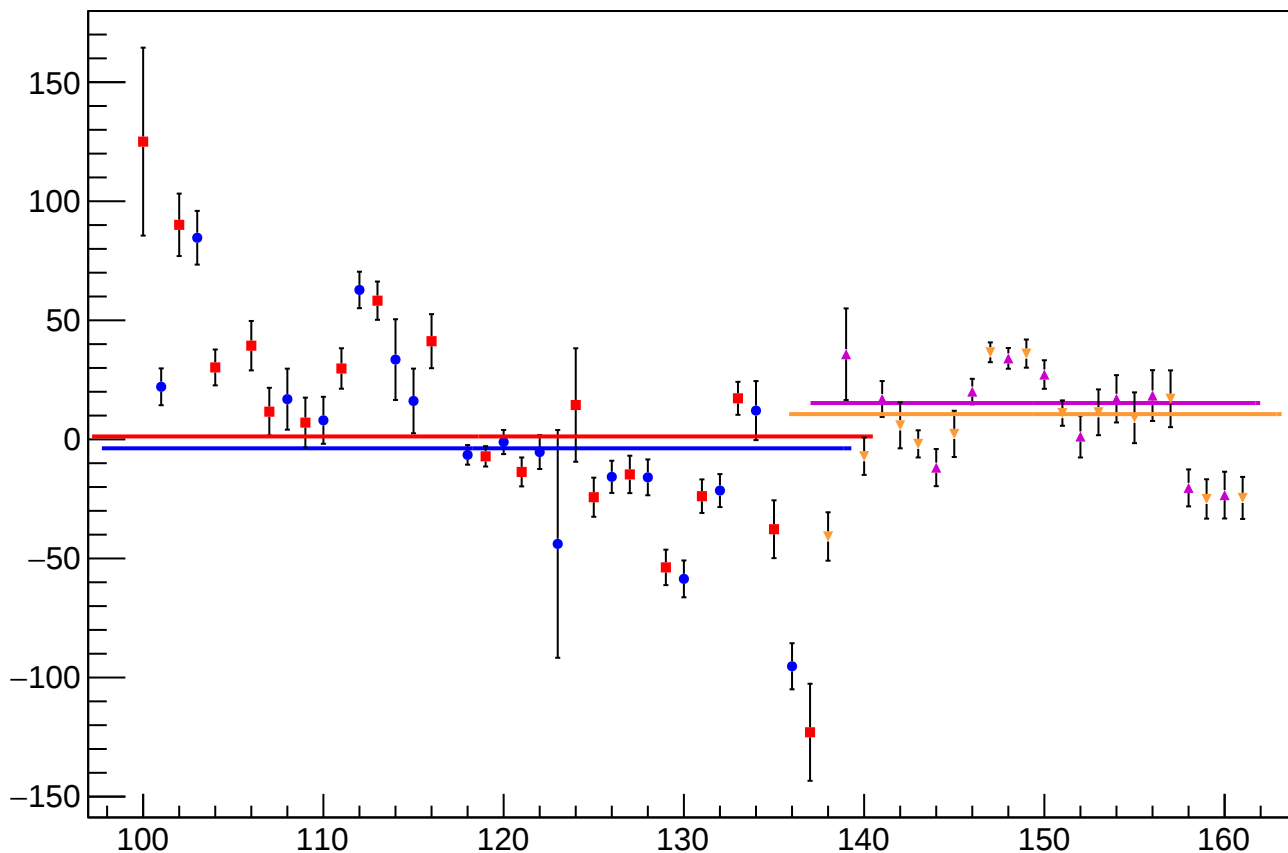
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -559.418+/-3.309 χ^2/NDF :98.1/10

Out: -479.187+/-3.042 χ^2/NDF :3592.2/12

All: -515.934+/-2.239 χ^2/NDF : 4009.0/23

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 10.615 ± 1.986 χ^2/NDF : 128.6/12

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 15.275 ± 2.177 χ^2/NDF : 75.8/10

Left: 12.731 ± 1.467 χ^2/NDF : 206.9/23

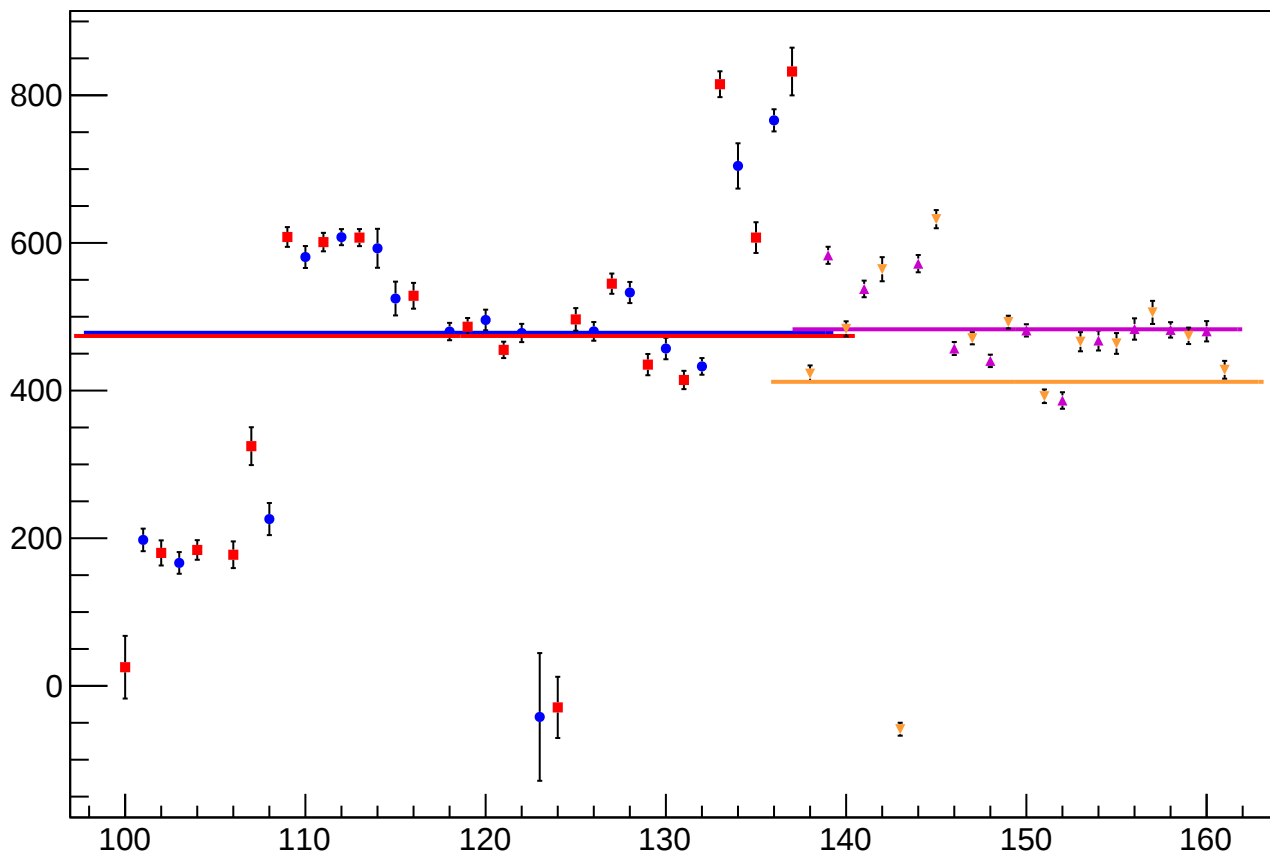
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 4.438 ± 1.428 χ^2/NDF : 433.4/27

Out: 5.760 ± 1.379 χ^2/NDF : 443.7/31

All: 5.122 ± 0.992 χ^2/NDF : 877.5/59

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 ± 3.638 $\chi^2/\text{NDF}: 1627.9/16$

Left Out: 411.884 ± 3.003 $\chi^2/\text{NDF}: 3578.8/12$

Right Out: 473.977 ± 3.529 $\chi^2/\text{NDF}: 2288.3/18$

Left In: 483.005 ± 3.215 $\chi^2/\text{NDF}: 266.3/10$

Left: 445.022 ± 2.194 $\chi^2/\text{NDF}: 4106.5/23$

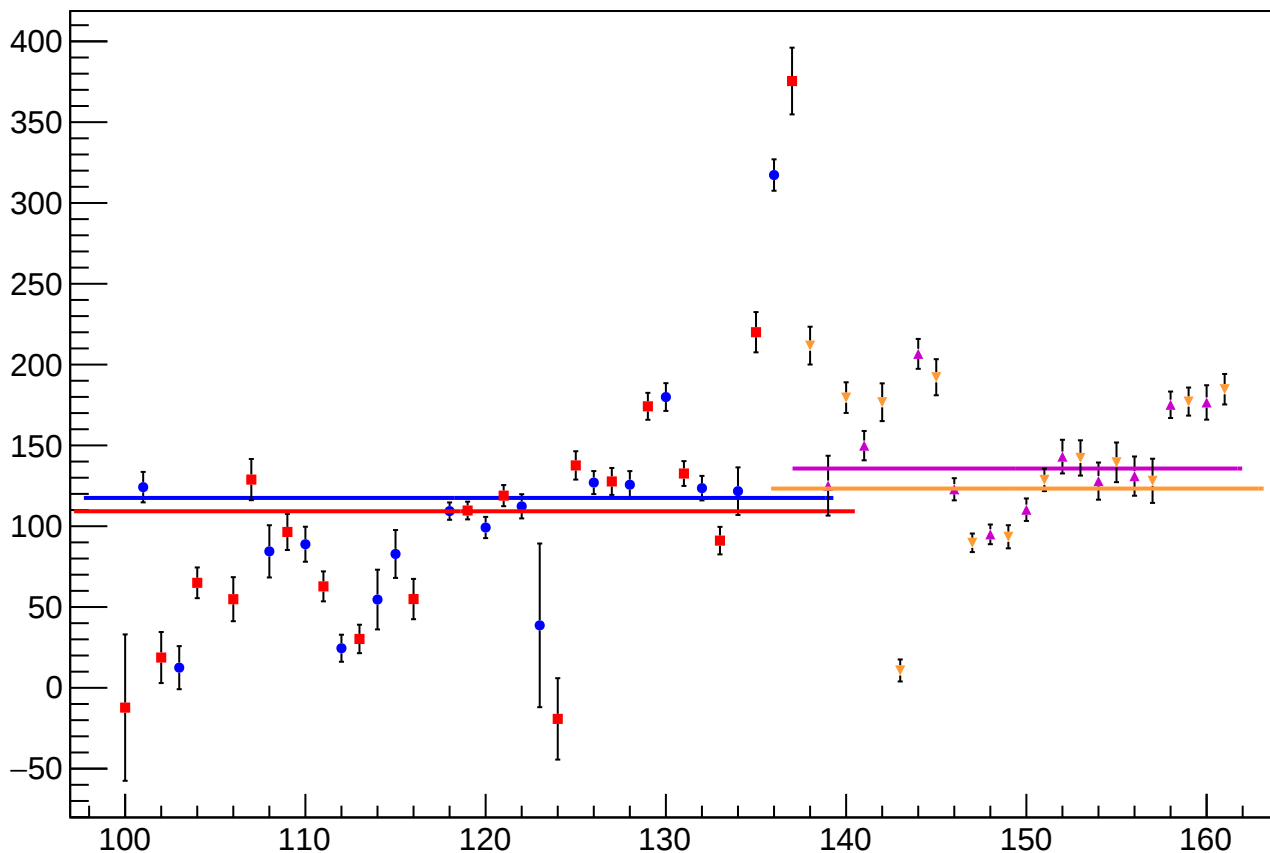
Right: 476.056 ± 2.533 $\chi^2/\text{NDF}: 3917.0/35$

In: 480.926 ± 2.409 $\chi^2/\text{NDF}: 1895.2/27$

Out: 437.960 ± 2.287 $\chi^2/\text{NDF}: 6046.7/31$

All: 458.327 ± 1.659 $\chi^2/\text{NDF}: 8109.3/59$

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: 123.301 $\pm$ 2.419 χ^2 /NDF: 562.1/12

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 135.689 $\pm$ 2.645 χ^2 /NDF: 162.2/10

Left: 128.943 $\pm$ 1.785 χ^2 /NDF: 736.2/23

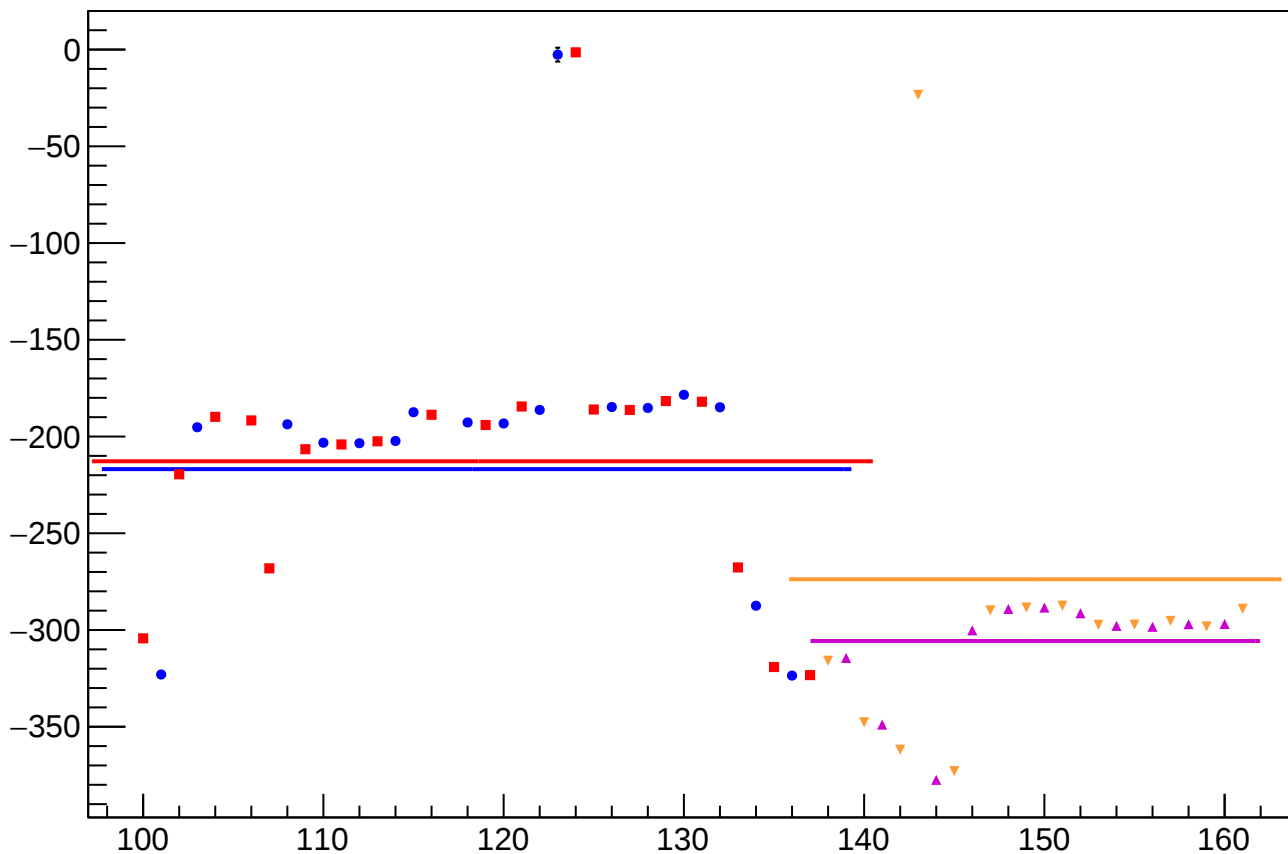
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 124.928 $\pm$ 1.690 χ^2 /NDF: 896.1/27

Out: 115.627 $\pm$ 1.630 χ^2 /NDF: 1149.9/31

All: 120.108 $\pm$ 1.173 χ^2 /NDF: 2061.7/59

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: -273.776 ± 0.121 $\chi^2/\text{NDF}: 617172.0/12$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -305.675 ± 0.128 $\chi^2/\text{NDF}: 36126.8/10$

Left: -288.847 ± 0.088 $\chi^2/\text{NDF}: 686161.8/23$

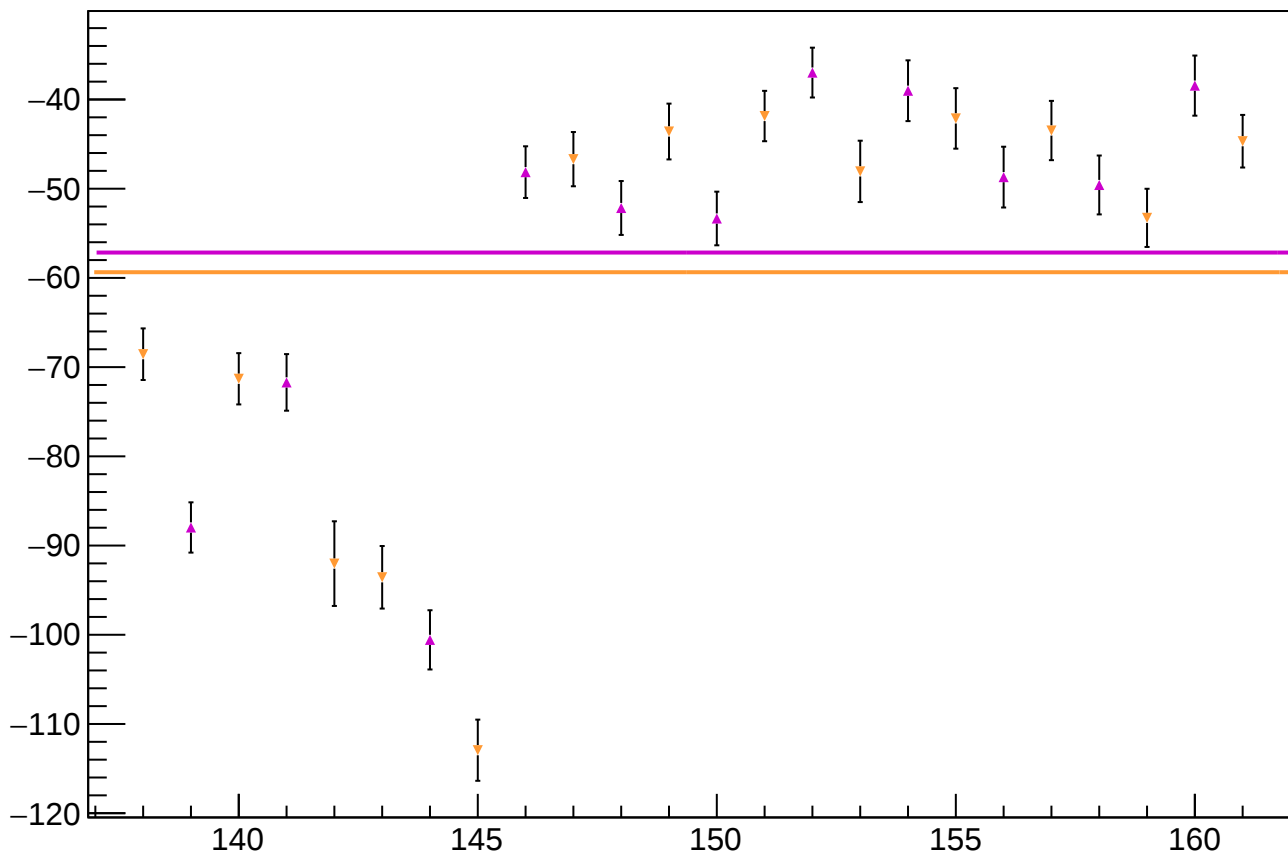
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -263.974 ± 0.093 $\chi^2/\text{NDF}: 409801.3/27$

Out: -245.497 ± 0.089 $\chi^2/\text{NDF}: 851655.0/31$

All: -254.277 ± 0.064 $\chi^2/\text{NDF}: 1282134.8/59$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.361+/-0.891 χ^2/NDF :583.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.157+/-0.938 χ^2/NDF :448.5/10

Left: -58.315+/-0.646 χ^2/NDF : 1034.6/23

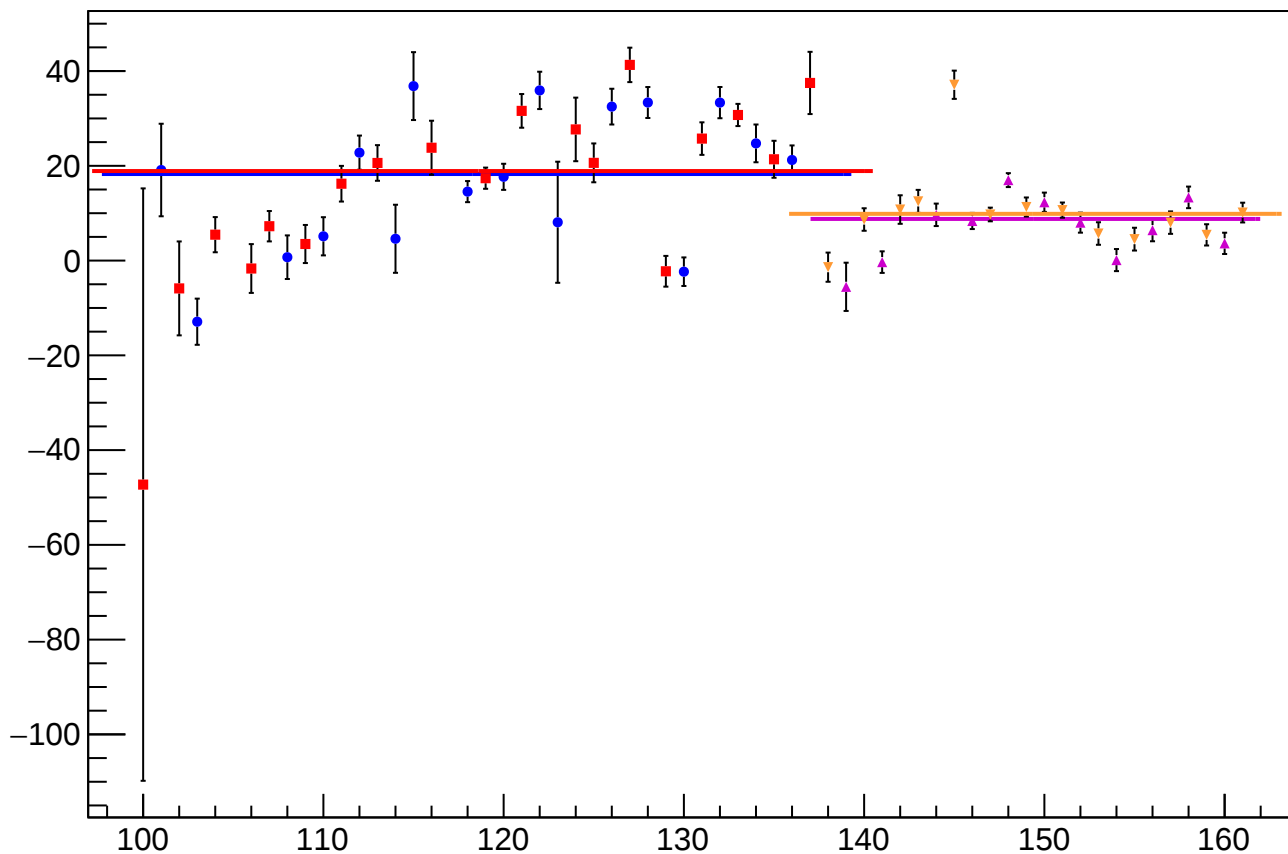
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.157+/-0.938 χ^2/NDF :448.5/10

Out: -59.361+/-0.891 χ^2/NDF :583.2/12

All: -58.315+/-0.646 χ^2/NDF : 1034.6/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.866 ± 0.603 χ^2/NDF : 111.7/12

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.788 ± 0.641 χ^2/NDF : 82.5/10

Left: 9.359 ± 0.439 χ^2/NDF : 195.7/23

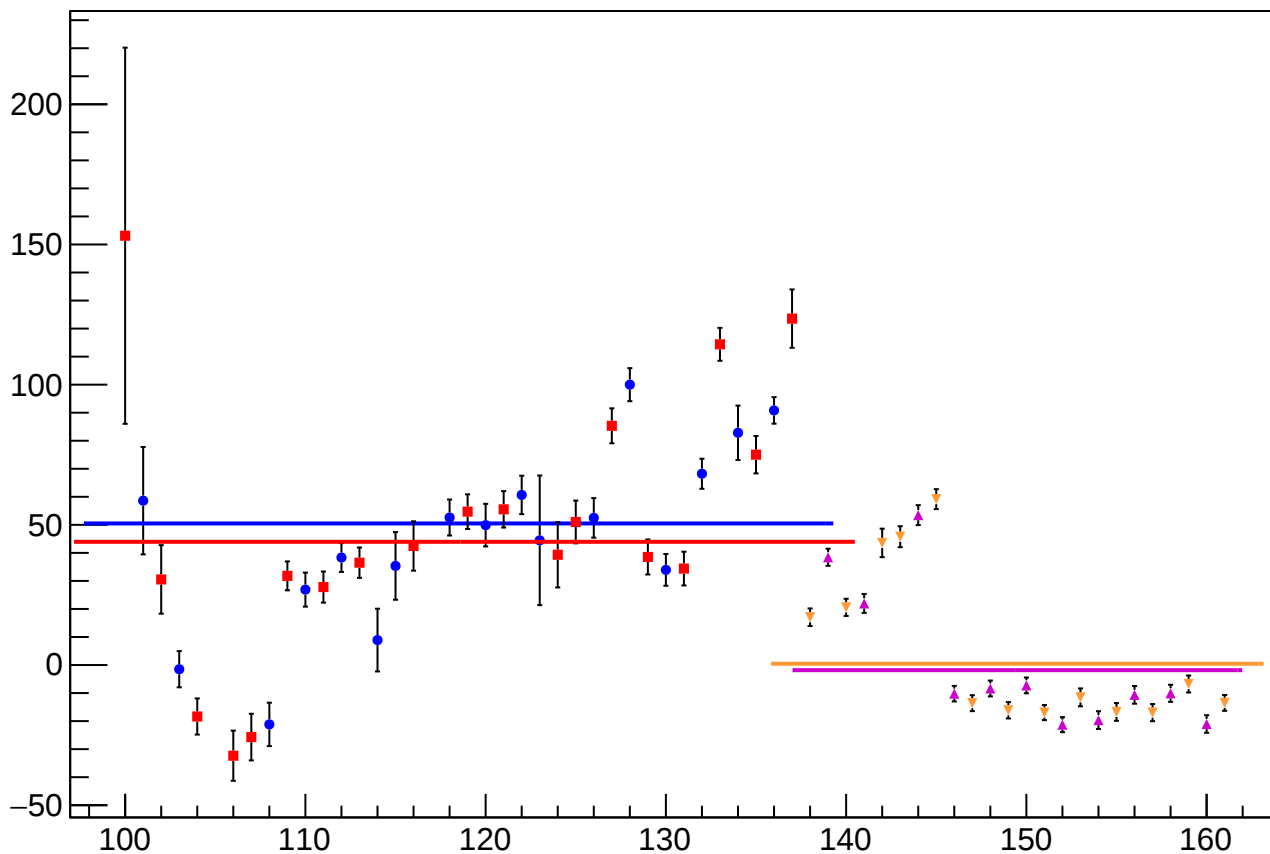
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.945 ± 0.523 χ^2/NDF : 363.8/27

Out: 12.825 ± 0.495 χ^2/NDF : 384.3/31

All: 12.410 ± 0.359 χ^2/NDF : 749.6/59

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: 0.464 ± 0.872 χ^2/NDF : 766.4/12

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

Left In: -1.831 ± 0.911 χ^2/NDF : 621.9/10

Left: -0.633 ± 0.630 χ^2/NDF : 1391.6/23

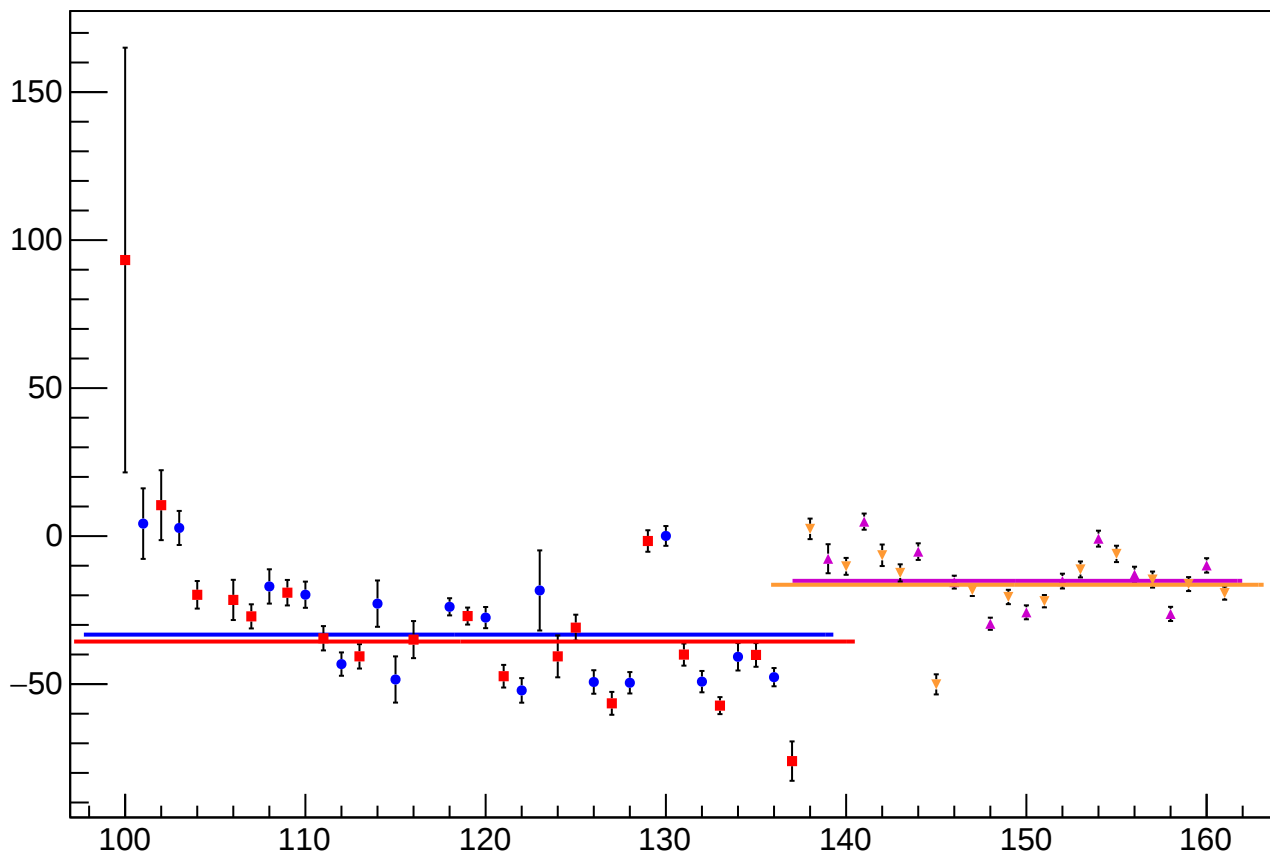
Right: 47.092 ± 1.157 χ^2/NDF : 905.5/35

In: 10.157 ± 0.800 χ^2/NDF : 1741.2/27

Out: 10.394 ± 0.766 χ^2/NDF : 1868.7/31

All: 10.281 ± 0.553 χ^2/NDF : 3610.0/59

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.438 ± 0.721 χ^2/NDF : 172.6/12

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.114 ± 0.765 χ^2/NDF : 193.6/10

Left: -15.815 ± 0.524 χ^2/NDF : 367.8/23

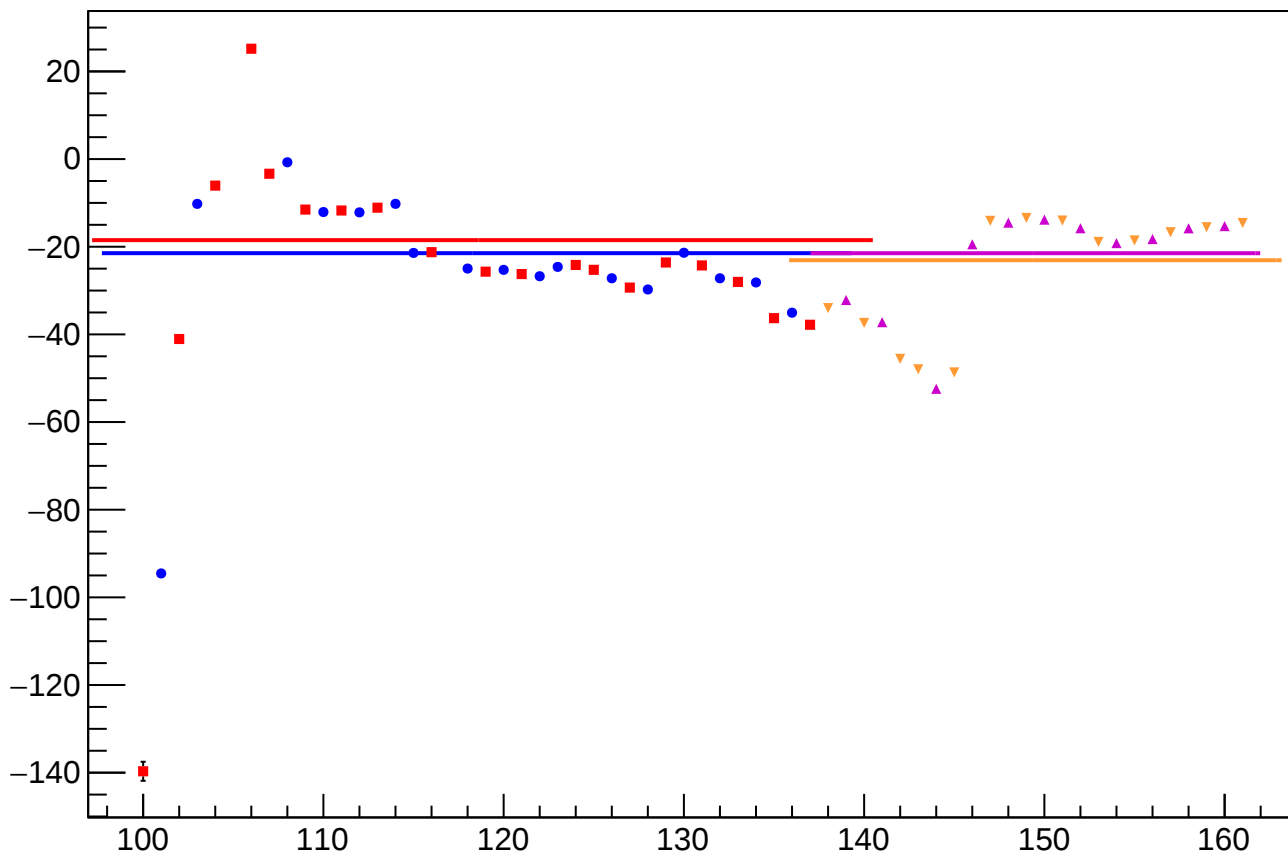
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -21.531 ± 0.615 χ^2/NDF : 685.8/27

Out: -23.059 ± 0.583 χ^2/NDF : 705.0/31

All: -22.335 ± 0.423 χ^2/NDF : 1394.0/59

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -23.076 ± 0.034 χ^2/NDF : 126909.2/12

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -21.474 ± 0.035 χ^2/NDF : 80482.5/10

Left: -22.305 ± 0.025 χ^2/NDF : 208458.8/23

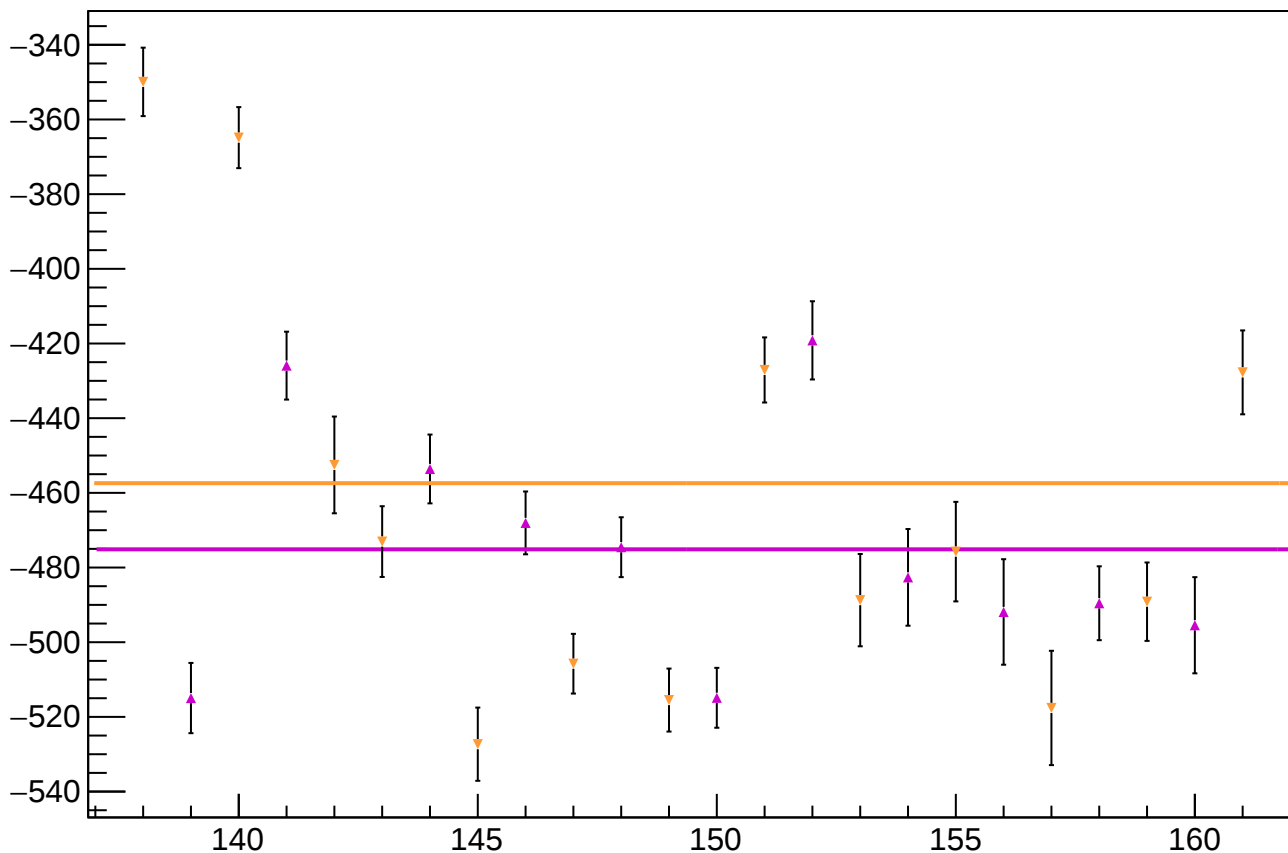
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -21.473 ± 0.030 χ^2/NDF : 129462.0/27

Out: -21.885 ± 0.029 χ^2/NDF : 212327.6/31

All: -21.686 ± 0.021 χ^2/NDF : 341885.4/59

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -457.405+/-2.767 χ^2/NDF :455.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -475.120+/-2.927 χ^2/NDF :112.8/10

Left: -465.764+/-2.011 χ^2/NDF : 587.5/23

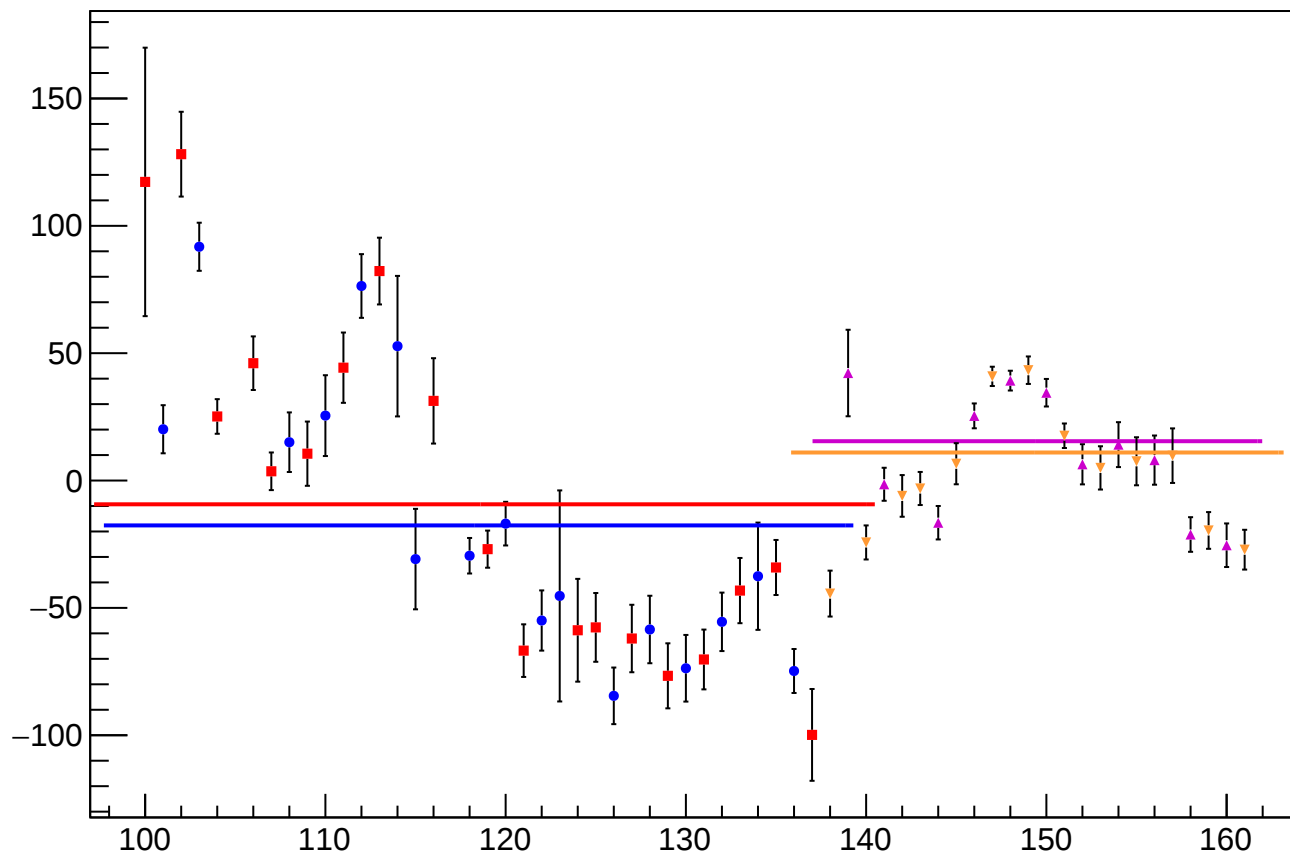
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -475.120+/-2.927 χ^2/NDF :112.8/10

Out: -457.405+/-2.767 χ^2/NDF :455.3/12

All: -465.764+/-2.011 χ^2/NDF : 587.5/23

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: 11.008 ± 1.810 $\chi^2/\text{NDF}: 217.6/12$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 15.444 ± 1.932 $\chi^2/\text{NDF}: 140.9/10$

Left: 13.081 ± 1.321 $\chi^2/\text{NDF}: 361.3/23$

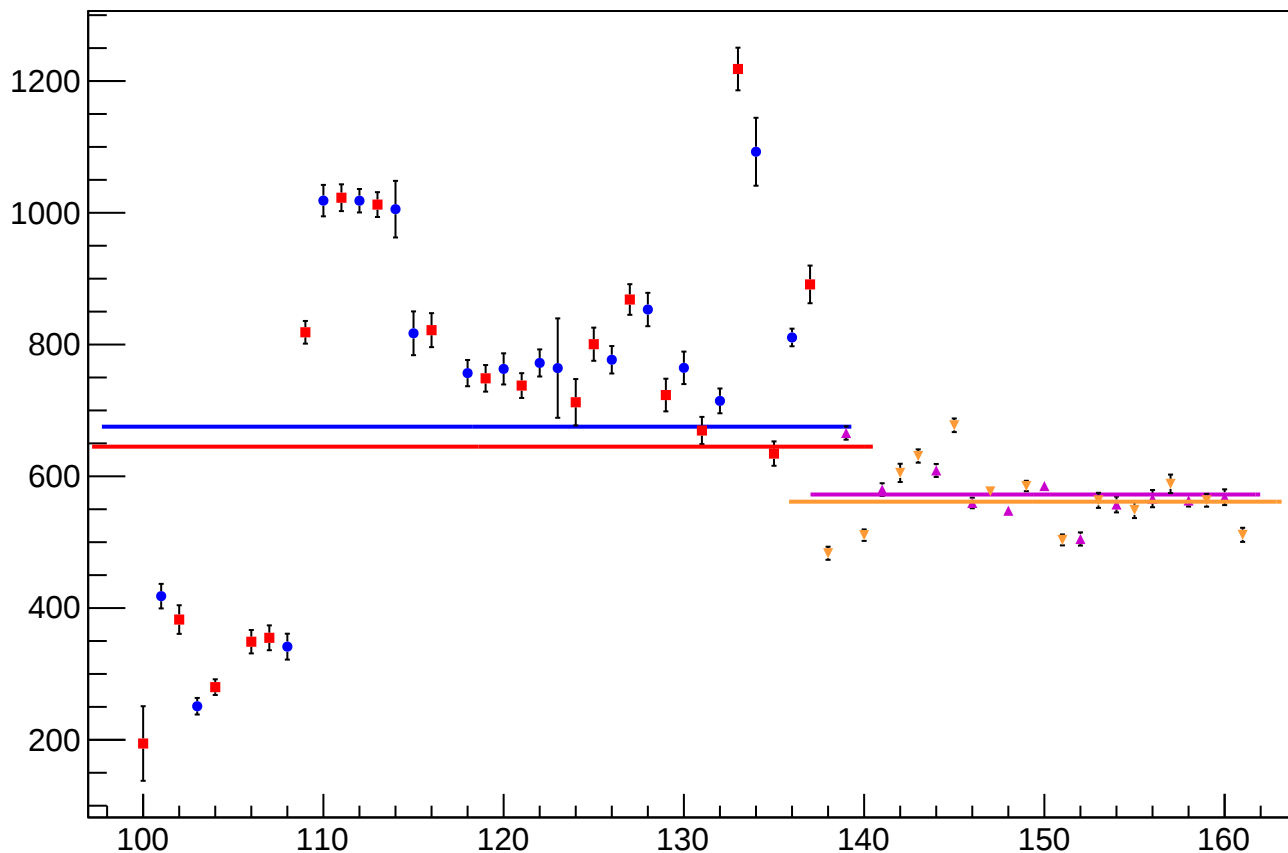
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 4.710 ± 1.588 $\chi^2/\text{NDF}: 598.0/27$

Out: 4.403 ± 1.487 $\chi^2/\text{NDF}: 625.0/31$

All: 4.546 ± 1.085 $\chi^2/\text{NDF}: 1223.1/59$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 561.500 ± 2.726 χ^2/NDF : 368.1/12

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 572.378 ± 2.849 χ^2/NDF : 162.9/10

Left: 566.699 ± 1.970 χ^2/NDF : 538.6/23

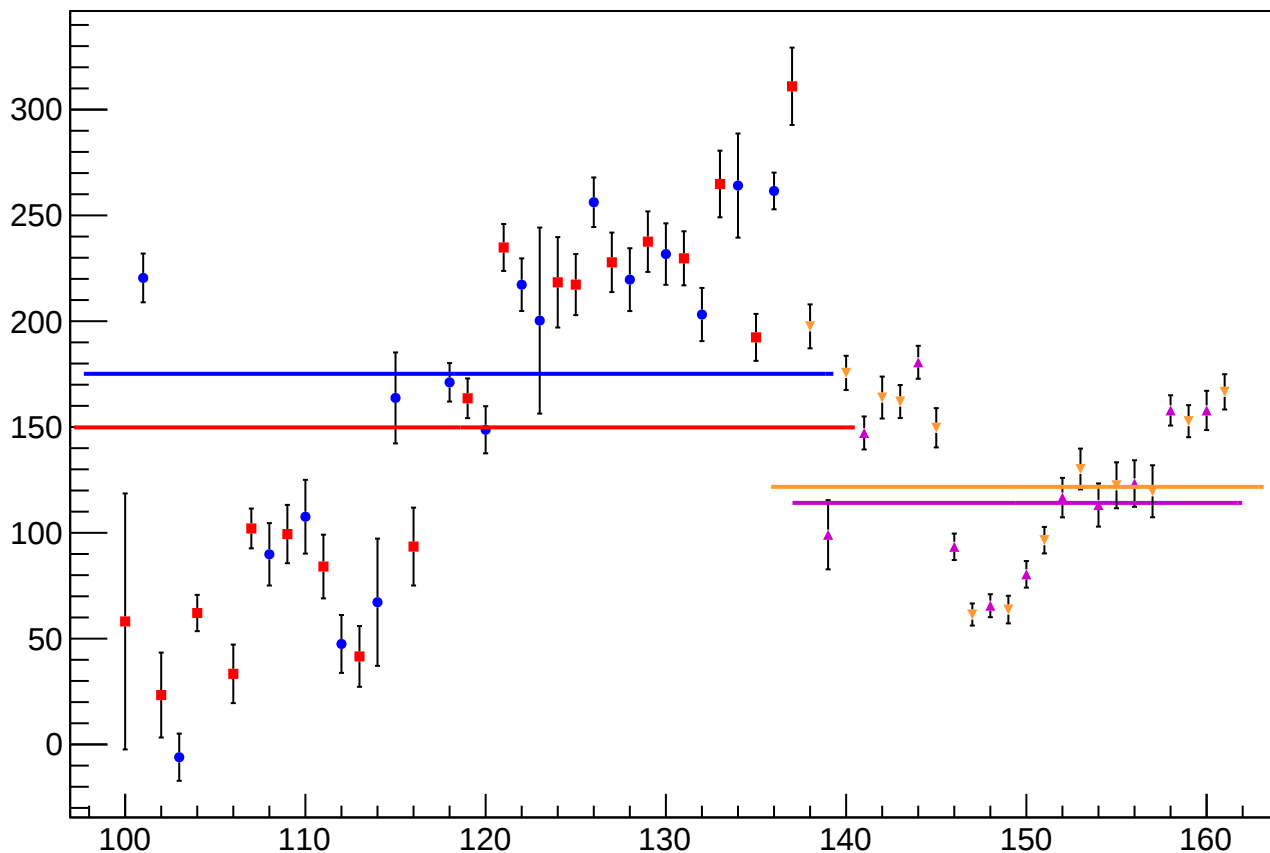
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 597.265 ± 2.481 χ^2/NDF : 3061.4/27

Out: 582.139 ± 2.365 χ^2/NDF : 3722.9/31

All: 589.342 ± 1.712 χ^2/NDF : 6803.7/59

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: 121.721 $\pm$ 2.203 χ^2 /NDF:426.7/12

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 114.144 $\pm$ 2.344 χ^2 /NDF:271.6/10

Left: 118.168 $\pm$ 1.605 χ^2 /NDF: 703.8/23

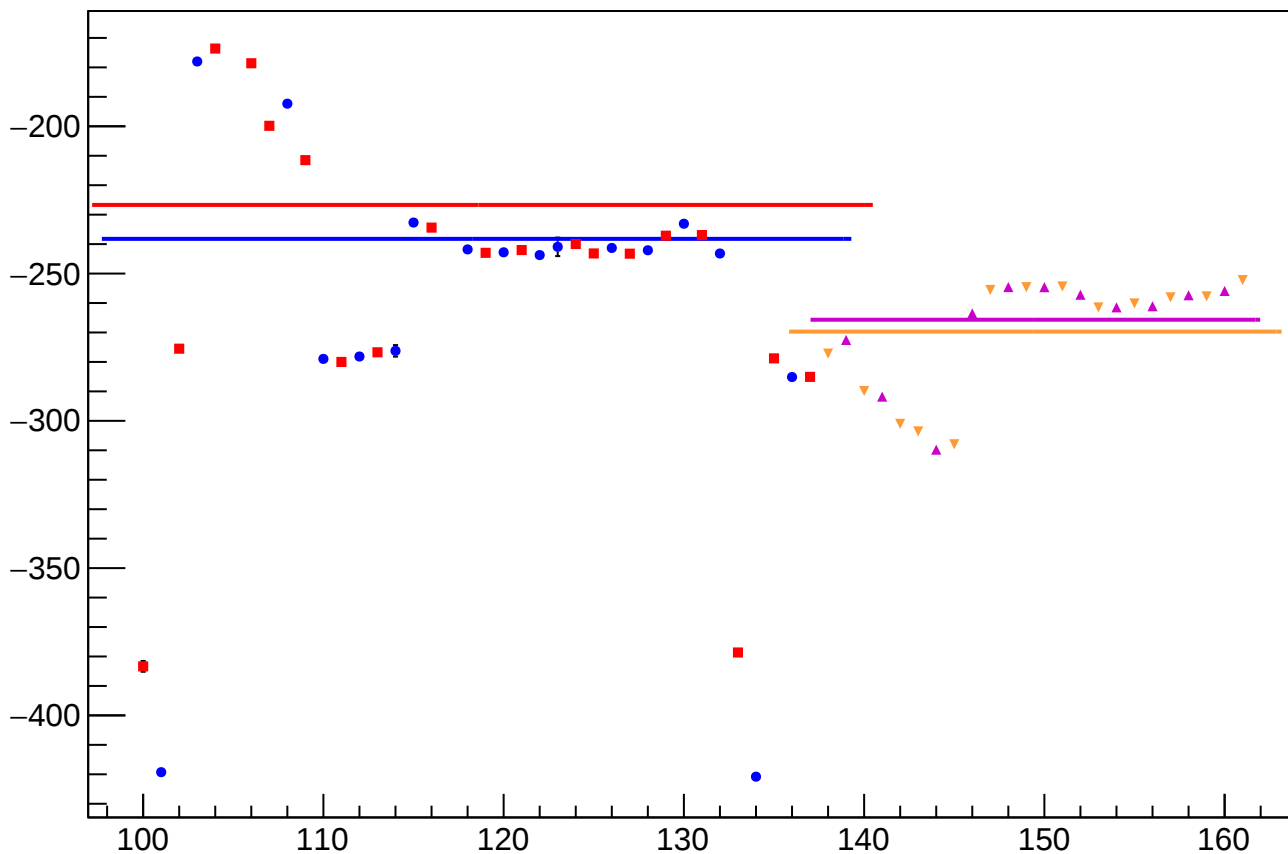
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 135.366 $\pm$ 1.893 χ^2 /NDF:1142.8/27

Out: 131.390 $\pm$ 1.784 χ^2 /NDF:1171.2/31

All: 133.261 $\pm$ 1.298 χ^2 /NDF: 2316.3/59

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -269.706+/-0.110 χ^2 /NDF:31985.9/12

Right Out: -226.696+/-0.151 χ^2 /NDF: 102814.8/18

Left In: -265.672+/-0.113 χ^2 /NDF:19518.3/10

Left: -267.752+/-0.079 χ^2 /NDF: 52158.9/23

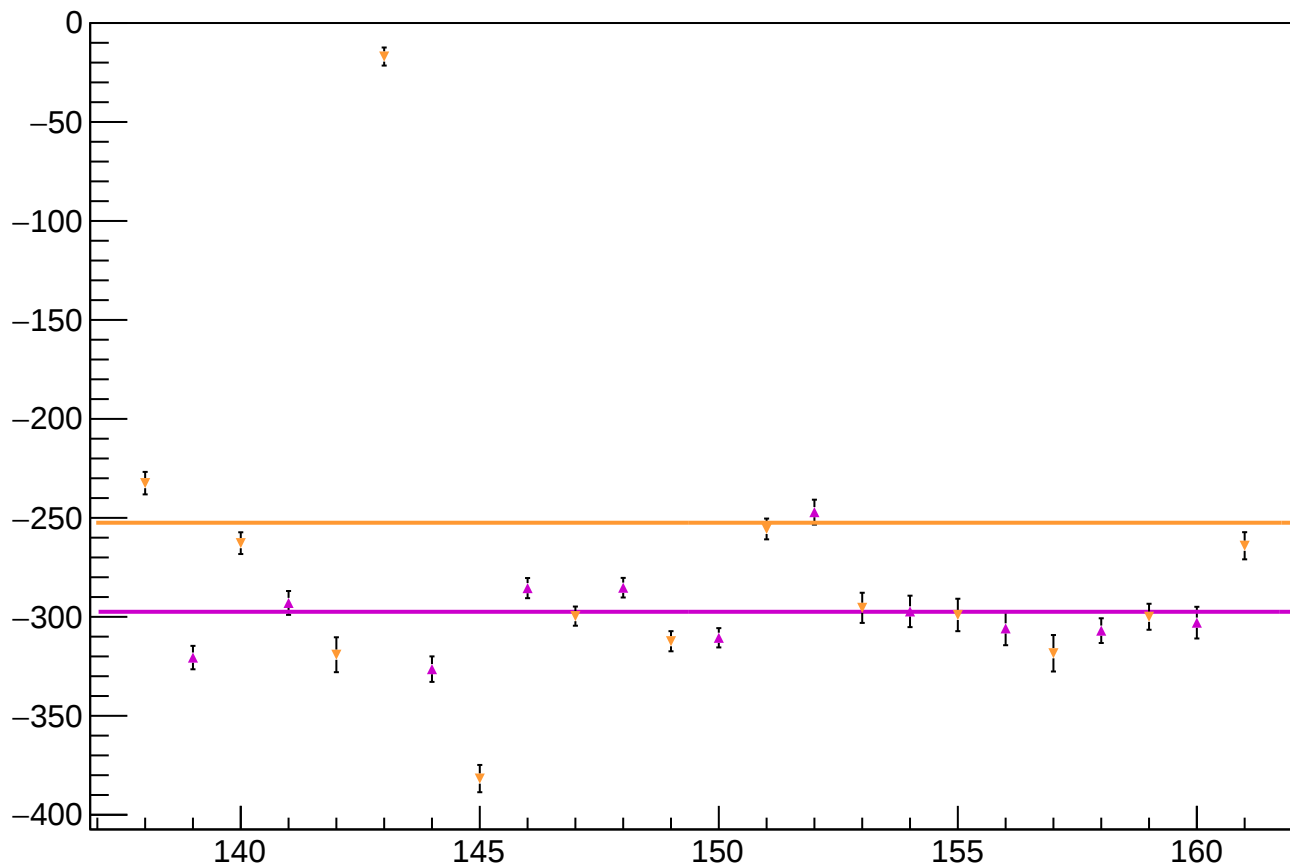
Right: -232.123+/-0.110 χ^2 /NDF: 272653.1/35

In: -256.519+/-0.092 χ^2 /NDF:206229.7/27

Out: -254.854+/-0.089 χ^2 /NDF:187877.3/31

All: -255.653+/-0.064 χ^2 /NDF: 394275.7/59

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: -252.453+/-1.685 χ^2/NDF :3493.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -297.447+/-1.832 χ^2/NDF :122.8/10

Left: -273.077+/-1.240 χ^2/NDF : 3943.3/23

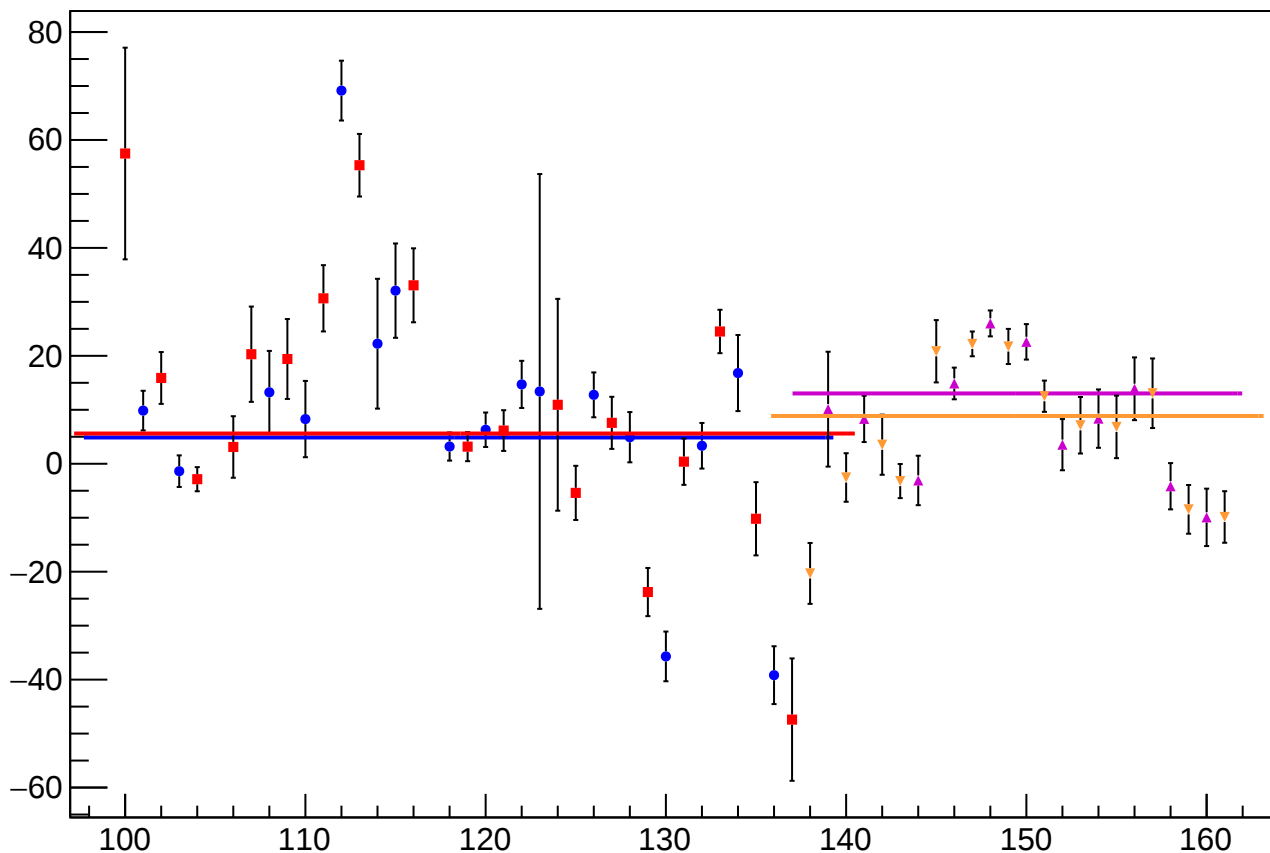
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.447+/-1.832 χ^2/NDF :122.8/10

Out: -252.453+/-1.685 χ^2/NDF :3493.9/12

All: -273.077+/-1.240 χ^2/NDF : 3943.3/23

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 8.855 ± 1.098 $\chi^2/\text{NDF}: 134.8/12$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 13.031 ± 1.203 $\chi^2/\text{NDF}: 91.2/10$

Left: 10.752 ± 0.811 $\chi^2/\text{NDF}: 232.6/23$

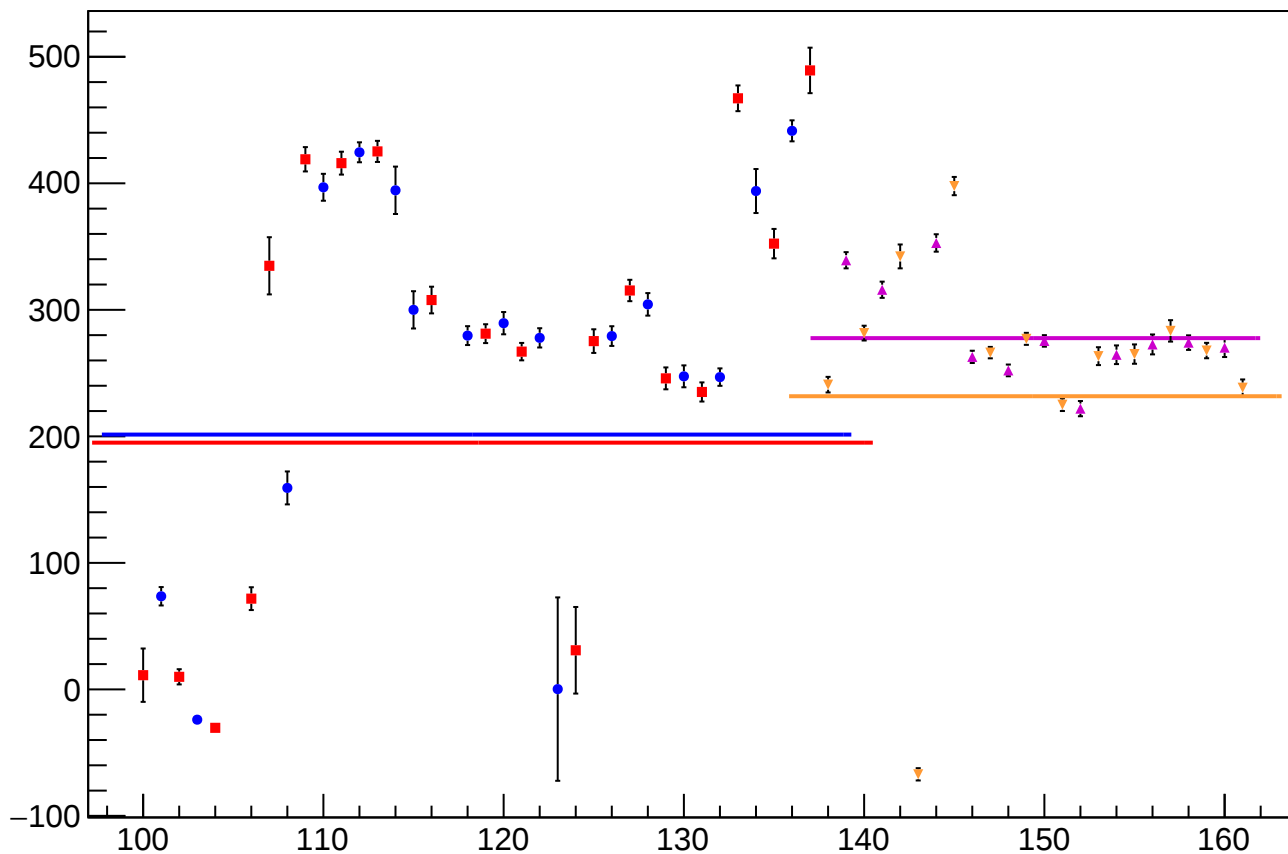
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 8.551 ± 0.808 $\chi^2/\text{NDF}: 428.0/27$

Out: 7.187 ± 0.766 $\chi^2/\text{NDF}: 377.8/31$

All: 7.833 ± 0.556 $\chi^2/\text{NDF}: 807.4/59$

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: 231.715 $\pm$ 1.660 χ^2 /NDF: 4774.1/12

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 277.634 $\pm$ 1.777 χ^2 /NDF: 377.4/10

Left: 253.123 $\pm$ 1.213 χ^2 /NDF: 5508.0/23

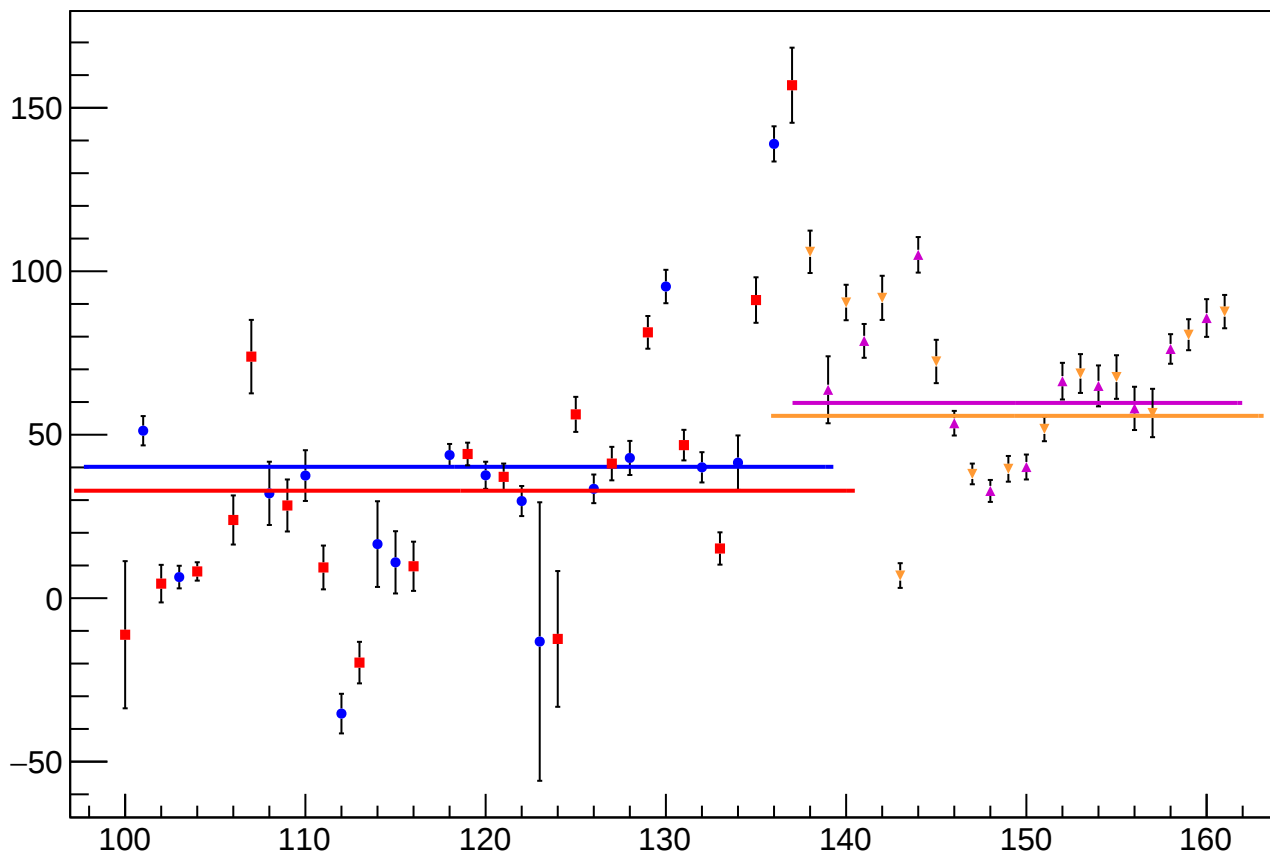
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 243.514 $\pm$ 1.320 χ^2 /NDF: 7941.8/27

Out: 216.046 $\pm$ 1.257 χ^2 /NDF: 13237.3/31

All: 229.102 $\pm$ 0.910 χ^2 /NDF: 21406.2/59

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 55.773 ± 1.337 $\chi^2/\text{NDF}: 426.7/12$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 59.729 ± 1.462 $\chi^2/\text{NDF}: 212.1/10$

Left: 57.574 ± 0.987 $\chi^2/\text{NDF}: 642.8/23$

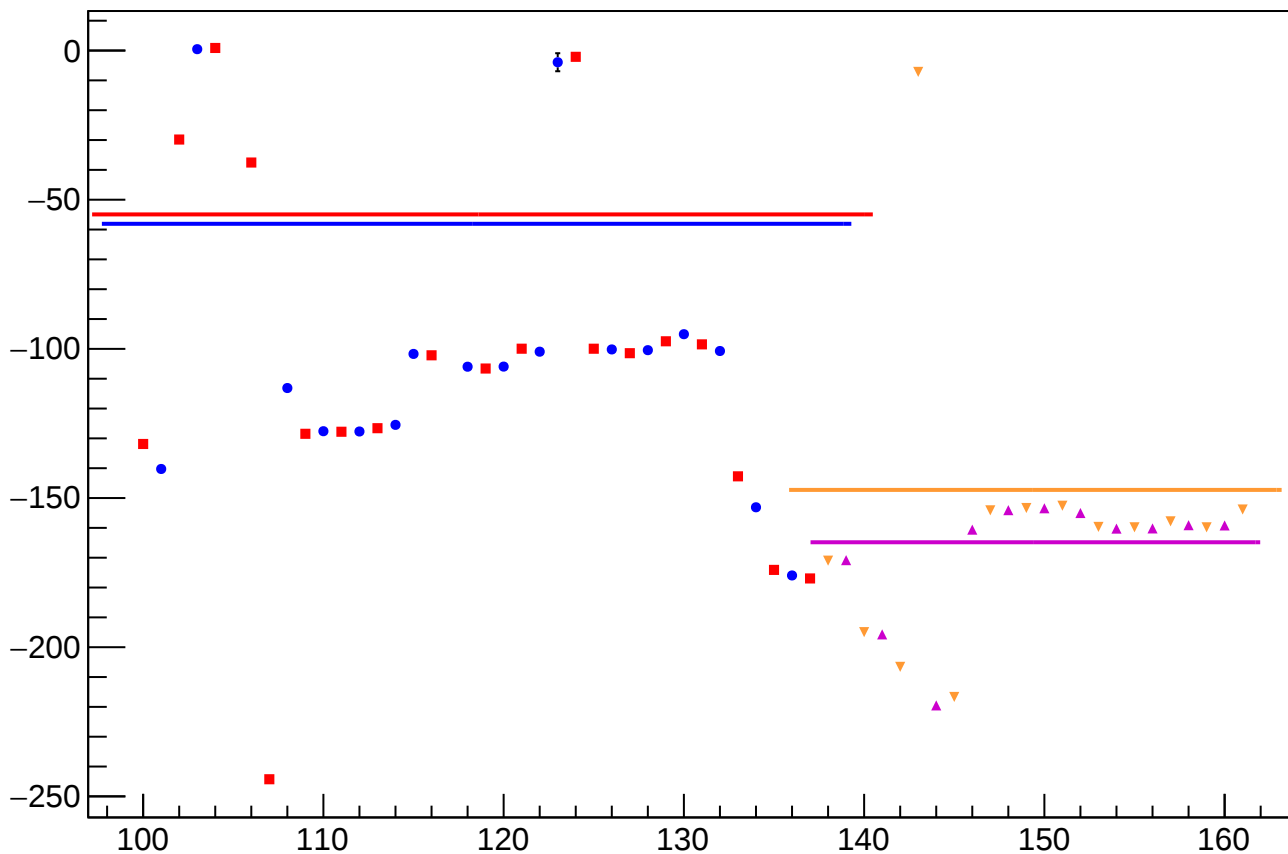
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 48.587 ± 0.959 $\chi^2/\text{NDF}: 1048.0/27$

Out: 43.560 ± 0.913 $\chi^2/\text{NDF}: 1134.1/31$

All: 45.952 ± 0.661 $\chi^2/\text{NDF}: 2196.5/59$

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: -147.273 $\pm$ 0.067 χ^2 /NDF: 654873.3/12

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -164.824 $\pm$ 0.071 χ^2 /NDF: 57908.5/10

Left: -155.569 $\pm$ 0.048 χ^2 /NDF: 745431.9/23

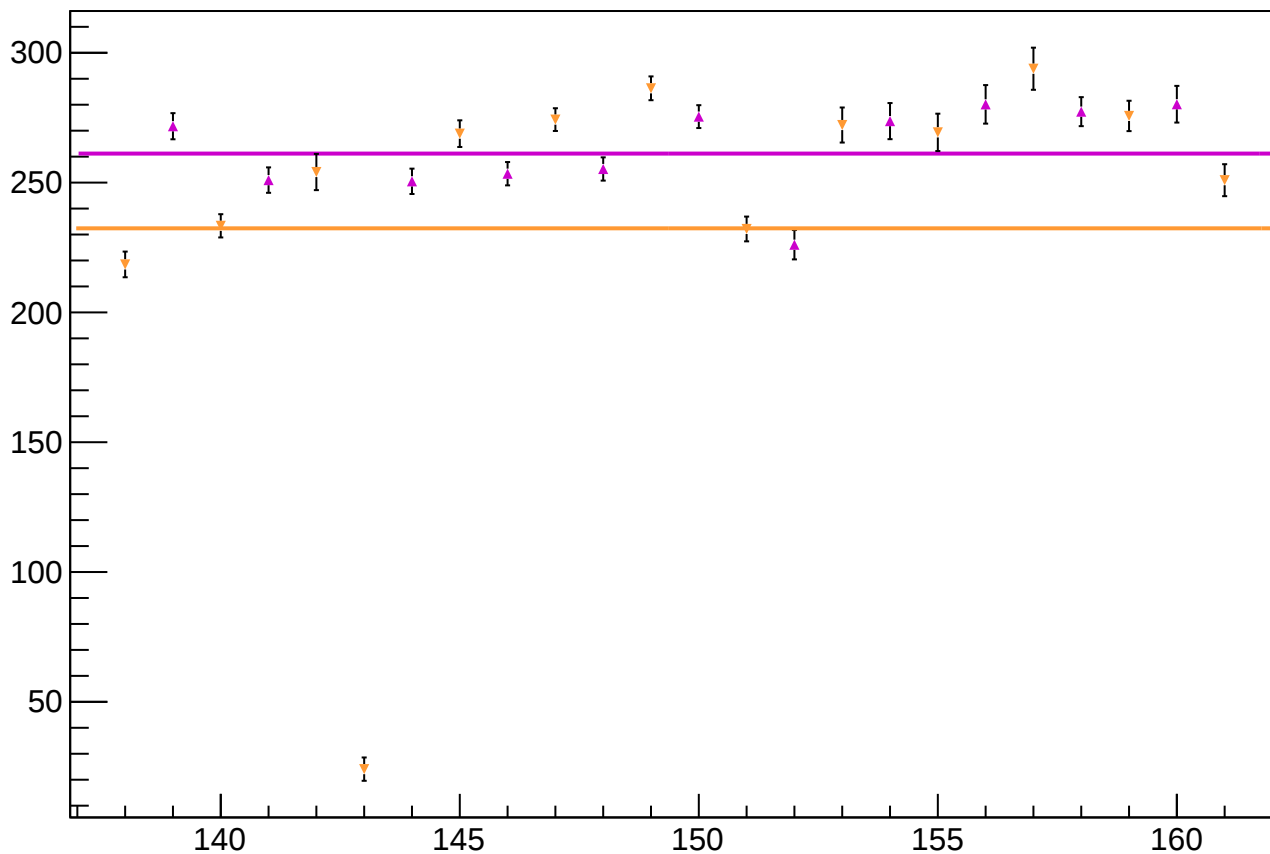
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -104.285 $\pm$ 0.046 χ^2 /NDF: 2461378.3/27

Out: -96.329 $\pm$ 0.045 χ^2 /NDF: 2713629.3/31

All: -100.159 $\pm$ 0.032 χ^2 /NDF: 5190248.0/59

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: 232.387+/-1.483 χ^2/NDF :2631.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.177+/-1.589 χ^2/NDF :92.6/10

Left: 245.795+/-1.084 χ^2/NDF : 2899.6/23

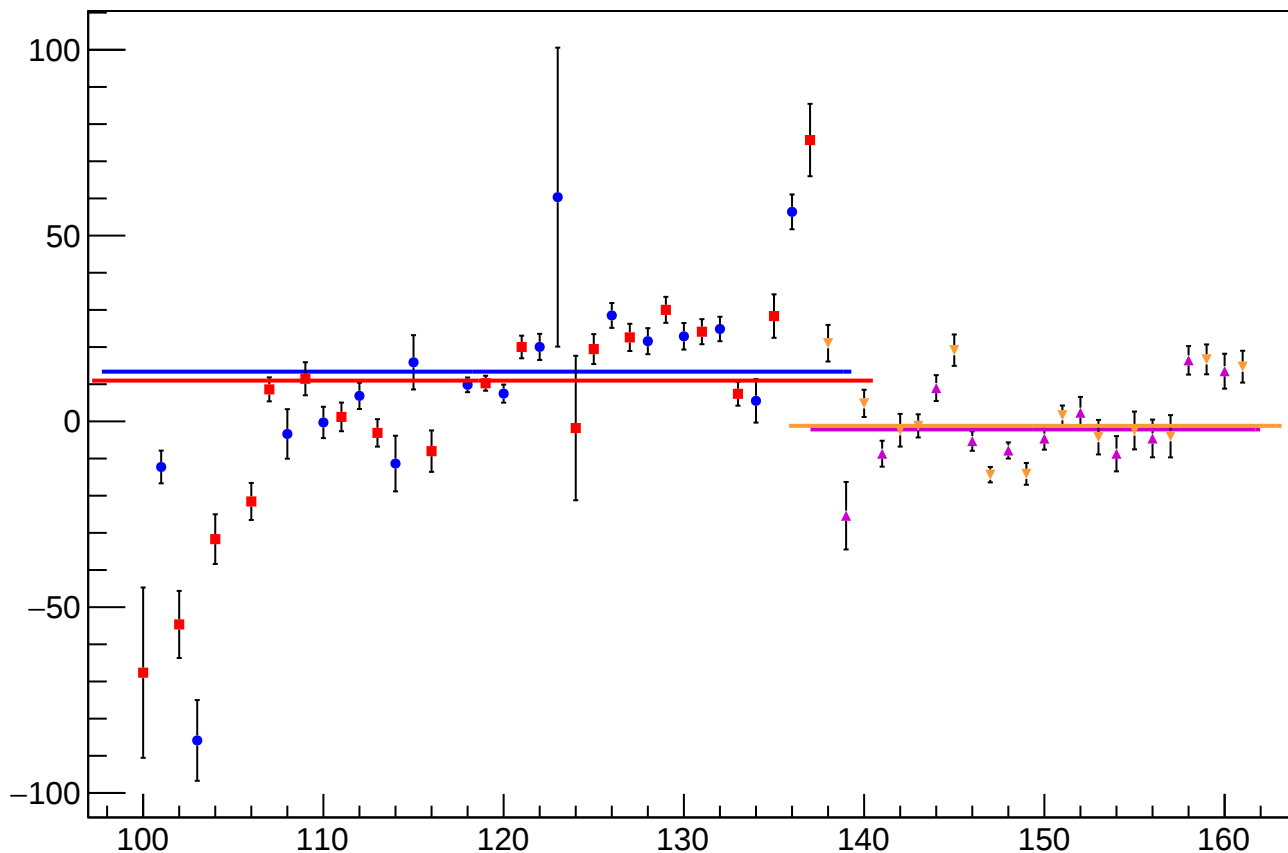
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.177+/-1.589 χ^2/NDF :92.6/10

Out: 232.387+/-1.483 χ^2/NDF :2631.5/12

All: 245.795+/-1.084 χ^2/NDF : 2899.6/23

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: -1.198 ± 0.976 χ^2/NDF : 141.3/12

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: -2.166 ± 1.055 χ^2/NDF : 67.1/10

Left: -1.645 ± 0.716 χ^2/NDF : 208.8/23

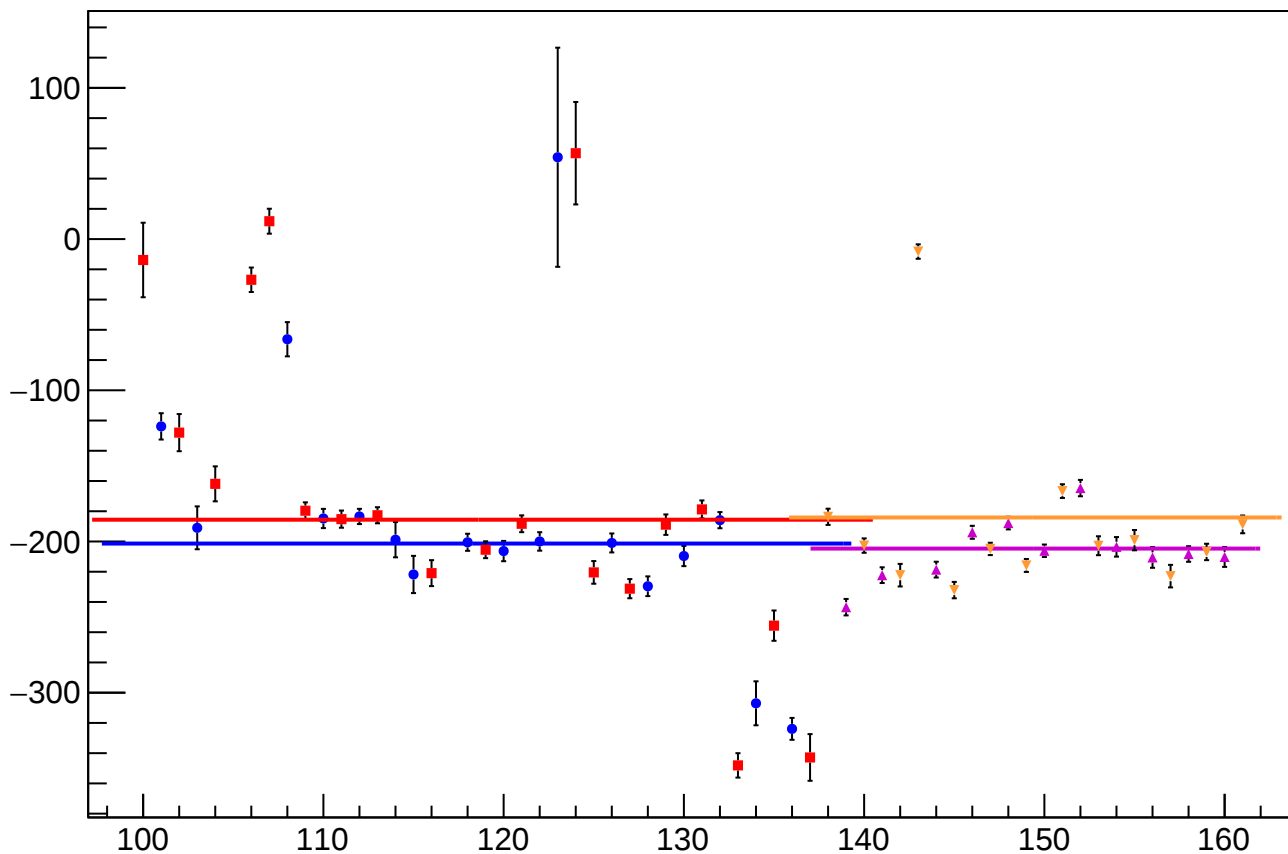
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.655 ± 0.694 χ^2/NDF : 484.5/27

Out: 5.281 ± 0.667 χ^2/NDF : 528.2/31

All: 5.941 ± 0.481 χ^2/NDF : 1014.7/59

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: -184.125 ± 1.465 $\chi^2/\text{NDF}: 1621.9/12$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -204.691 ± 1.548 $\chi^2/\text{NDF}: 148.2/10$

Left: -193.842 ± 1.064 $\chi^2/\text{NDF}: 1863.2/23$

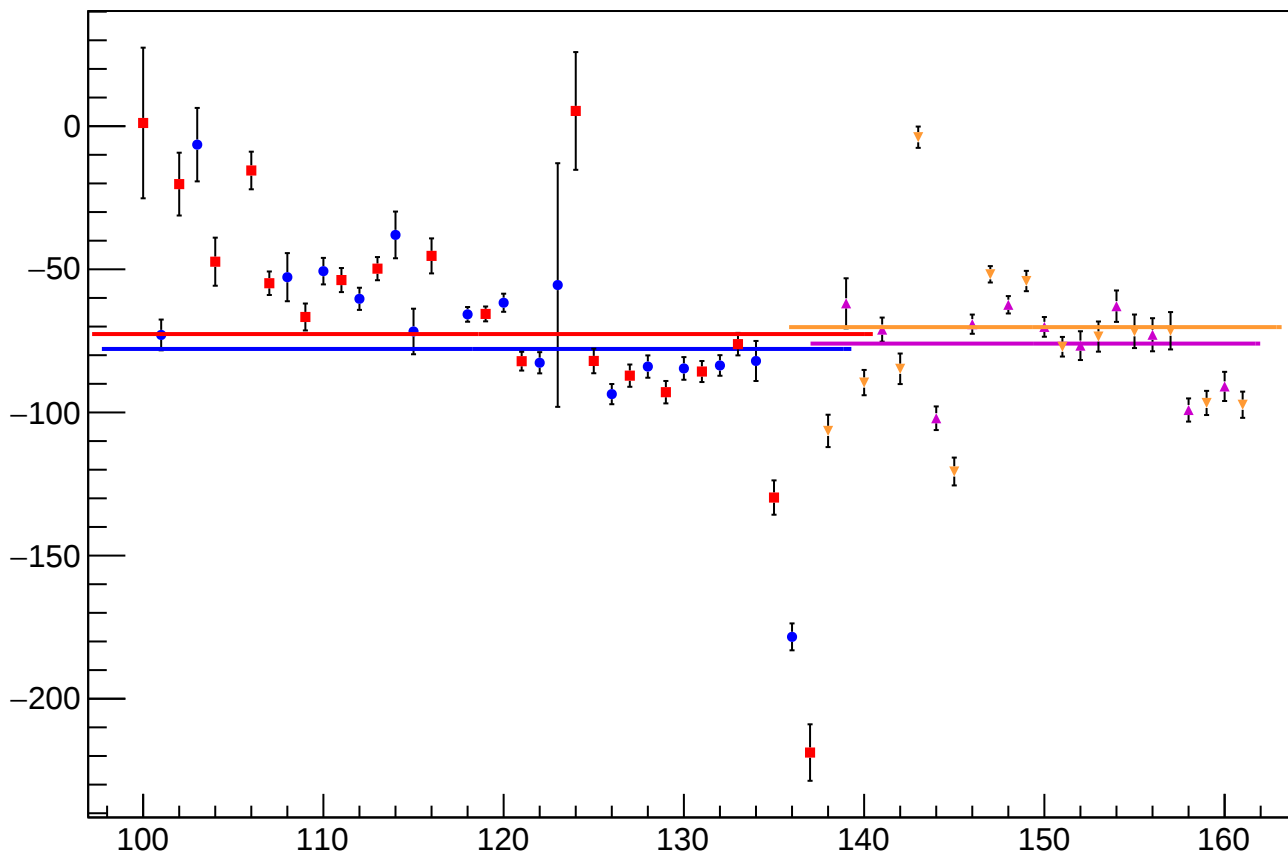
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -203.263 ± 1.169 $\chi^2/\text{NDF}: 775.2/27$

Out: -184.750 ± 1.110 $\chi^2/\text{NDF}: 3370.5/31$

All: -193.523 ± 0.805 $\chi^2/\text{NDF}: 4277.6/59$

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: -70.191 ± 1.186 χ^2/NDF : 634.4/12

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -75.948 ± 1.278 χ^2/NDF : 118.2/10

Left: -72.854 ± 0.869 χ^2/NDF : 763.5/23

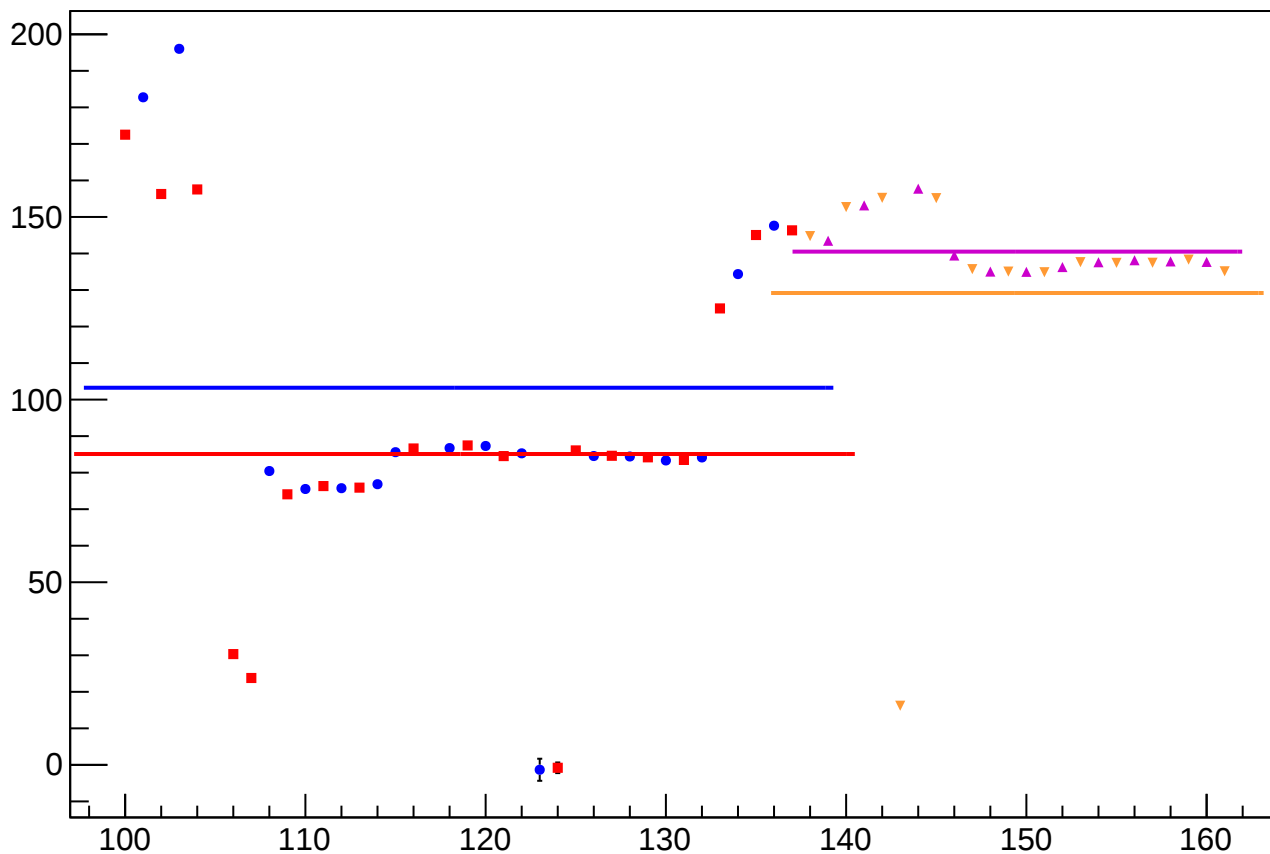
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.049 ± 0.820 χ^2/NDF : 775.8/27

Out: -71.547 ± 0.787 χ^2/NDF : 1243.6/31

All: -74.188 ± 0.568 χ^2/NDF : 2042.8/59

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: 129.184 $\pm$ 0.059 χ^2 /NDF: 395501.9/12

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 140.509 $\pm$ 0.061 χ^2 /NDF: 12511.2/10

Left: 134.599 $\pm$ 0.043 χ^2 /NDF: 425709.1/23

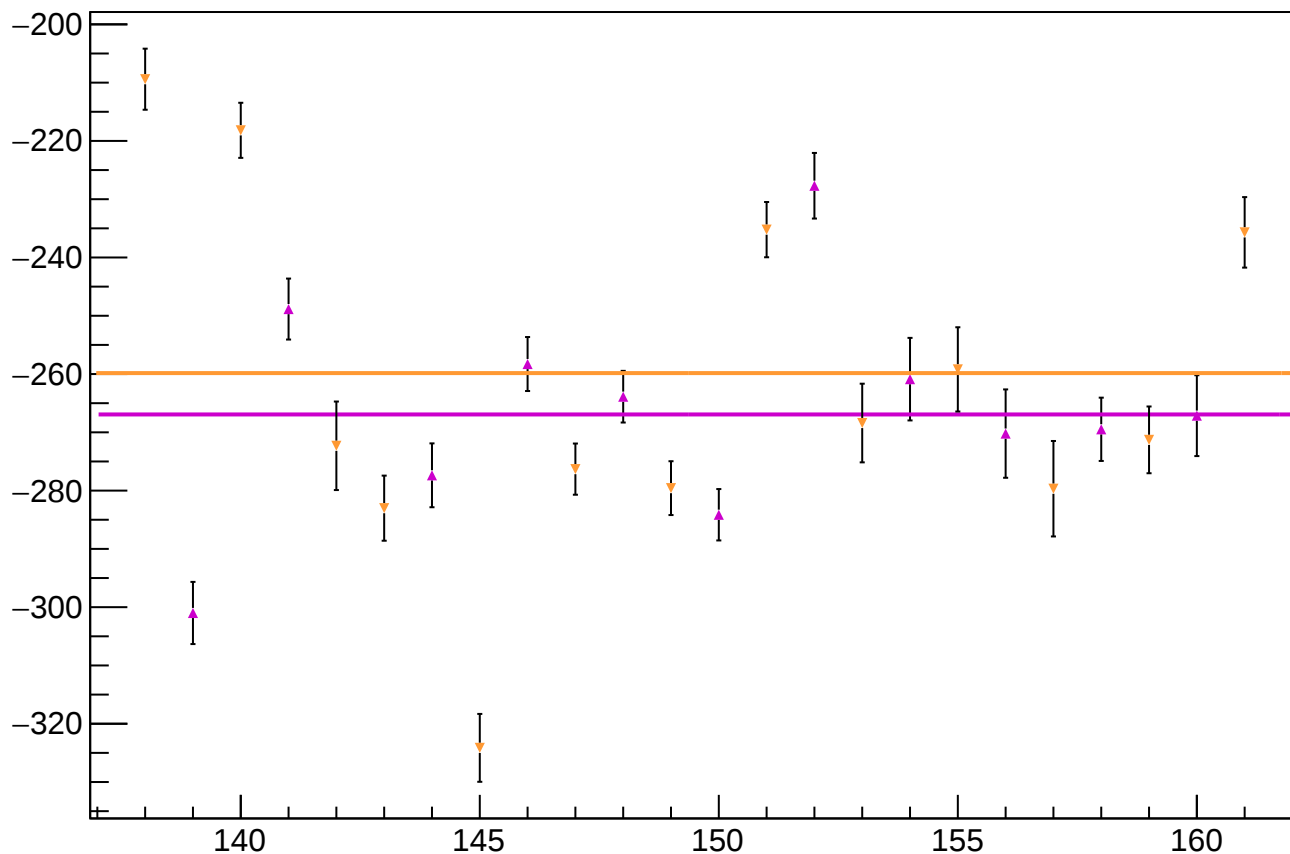
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 124.396 $\pm$ 0.046 χ^2 /NDF: 444638.8/27

Out: 108.881 $\pm$ 0.043 χ^2 /NDF: 1077235.5/31

All: 116.103 $\pm$ 0.032 χ^2 /NDF: 1581809.9/59

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: -259.836 ± 1.548 χ^2/NDF : 398.9/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -266.933 ± 1.627 χ^2/NDF : 125.3/10

Left: -263.208 ± 1.122 χ^2/NDF : 534.2/23

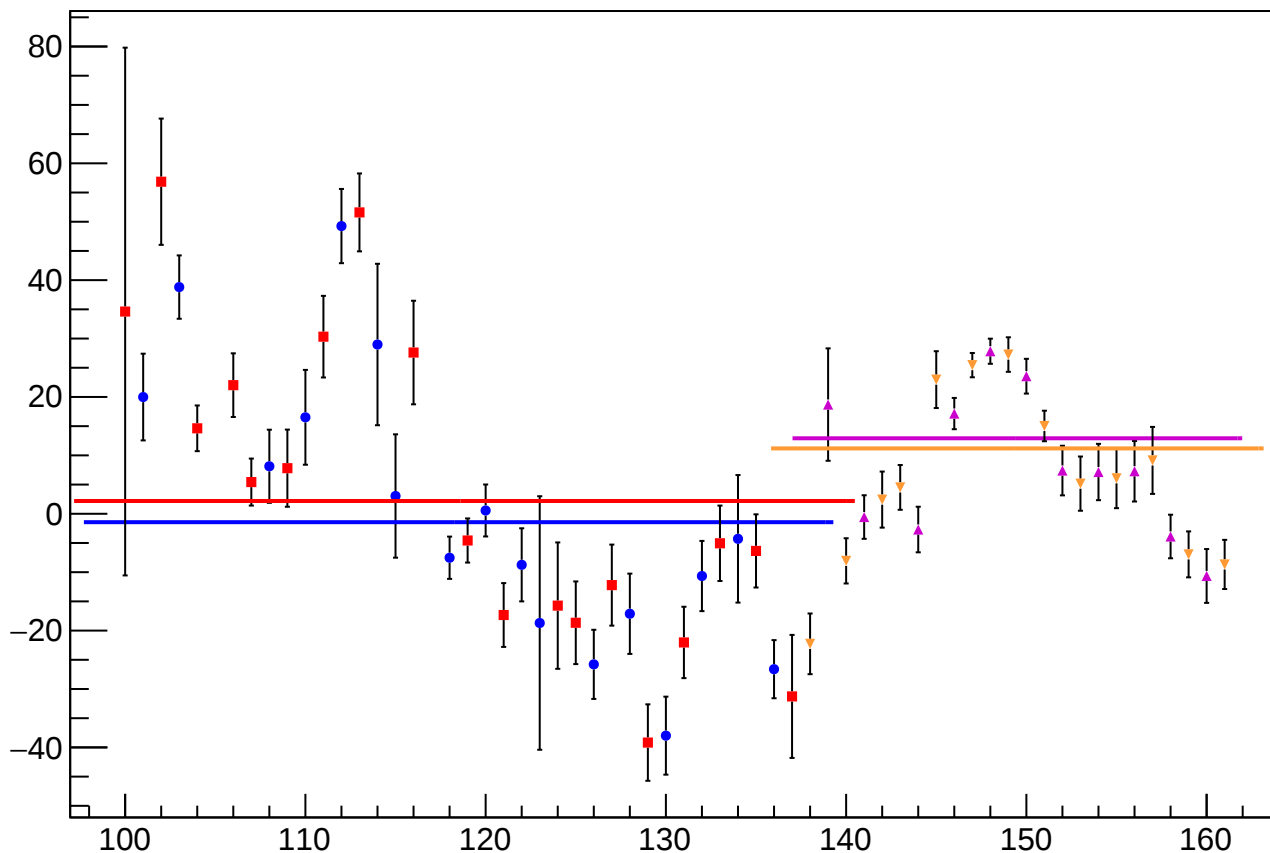
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -266.933 ± 1.627 χ^2/NDF : 125.3/10

Out: -259.836 ± 1.548 χ^2/NDF : 398.9/12

All: -263.208 ± 1.122 χ^2/NDF : 534.2/23

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: 11.191 ± 1.007 $\chi^2/\text{NDF}: 203.4/12$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 12.924 ± 1.071 $\chi^2/\text{NDF}: 143.6/10$

Left: 12.005 ± 0.734 $\chi^2/\text{NDF}: 348.4/23$

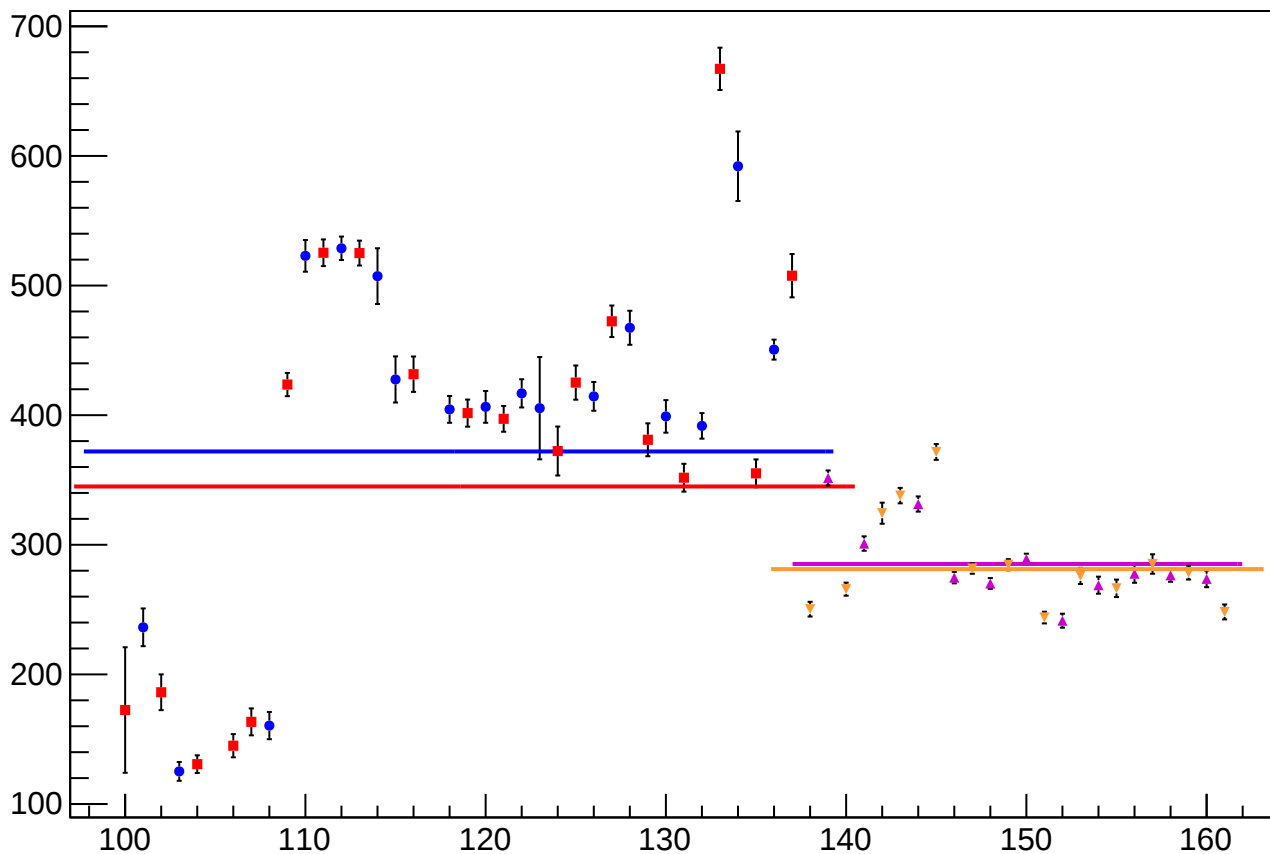
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 8.143 ± 0.875 $\chi^2/\text{NDF}: 427.9/27$

Out: 8.120 ± 0.818 $\chi^2/\text{NDF}: 461.4/31$

All: 8.131 ± 0.597 $\chi^2/\text{NDF}: 889.3/59$

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: 281.241 $\pm$ 1.519 χ^2 /NDF: 484.8/12

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 285.211 $\pm$ 1.579 χ^2 /NDF: 301.4/10

Left: 283.148 $\pm$ 1.095 χ^2 /NDF: 789.5/23

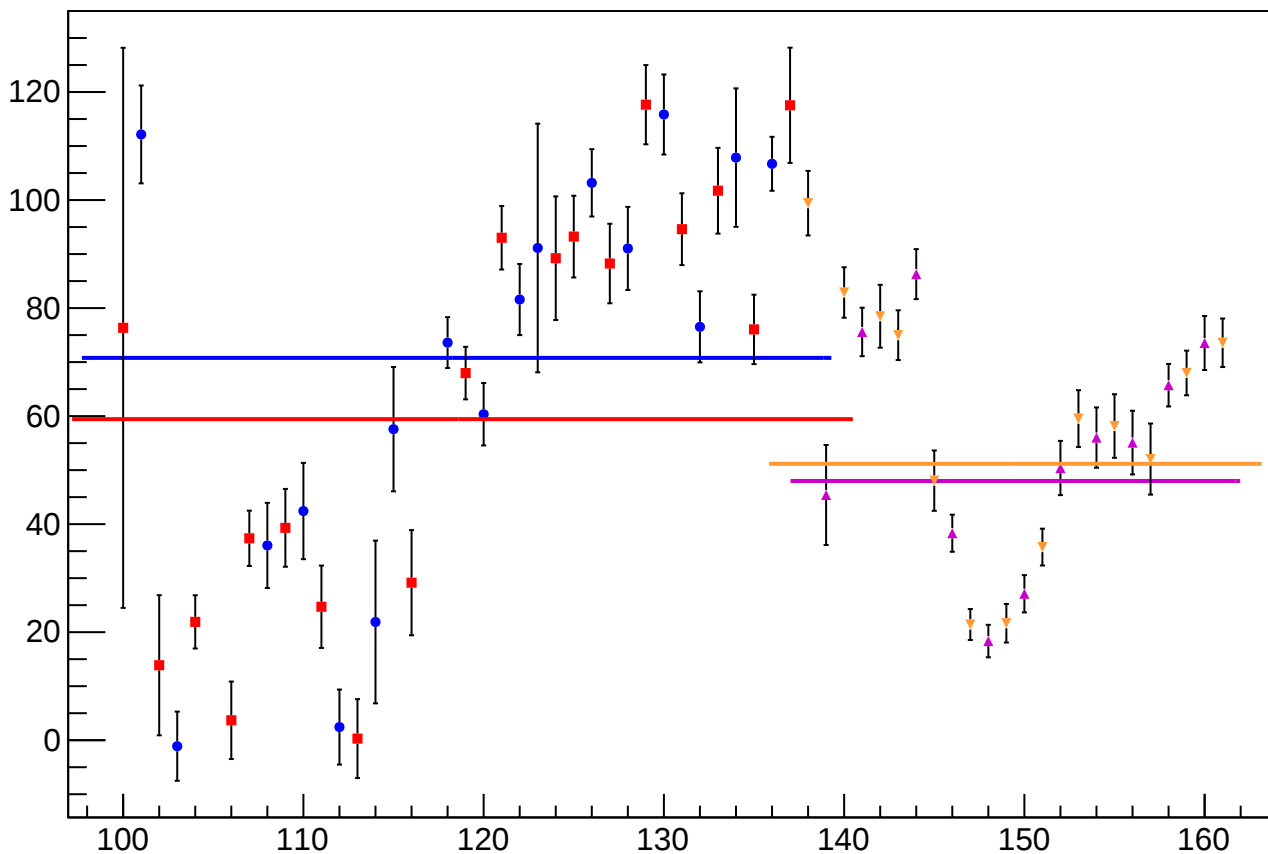
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 306.565 $\pm$ 1.371 χ^2 /NDF: 3475.5/27

Out: 297.834 $\pm$ 1.306 χ^2 /NDF: 4357.6/31

All: 301.988 $\pm$ 0.946 χ^2 /NDF: 7854.4/59

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: 51.173 $\pm$ 1.227 χ^2 /NDF:402.0/12

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 47.989 $\pm$ 1.299 χ^2 /NDF:298.2/10

Left: 49.672 $\pm$ 0.892 χ^2 /NDF: 703.3/23

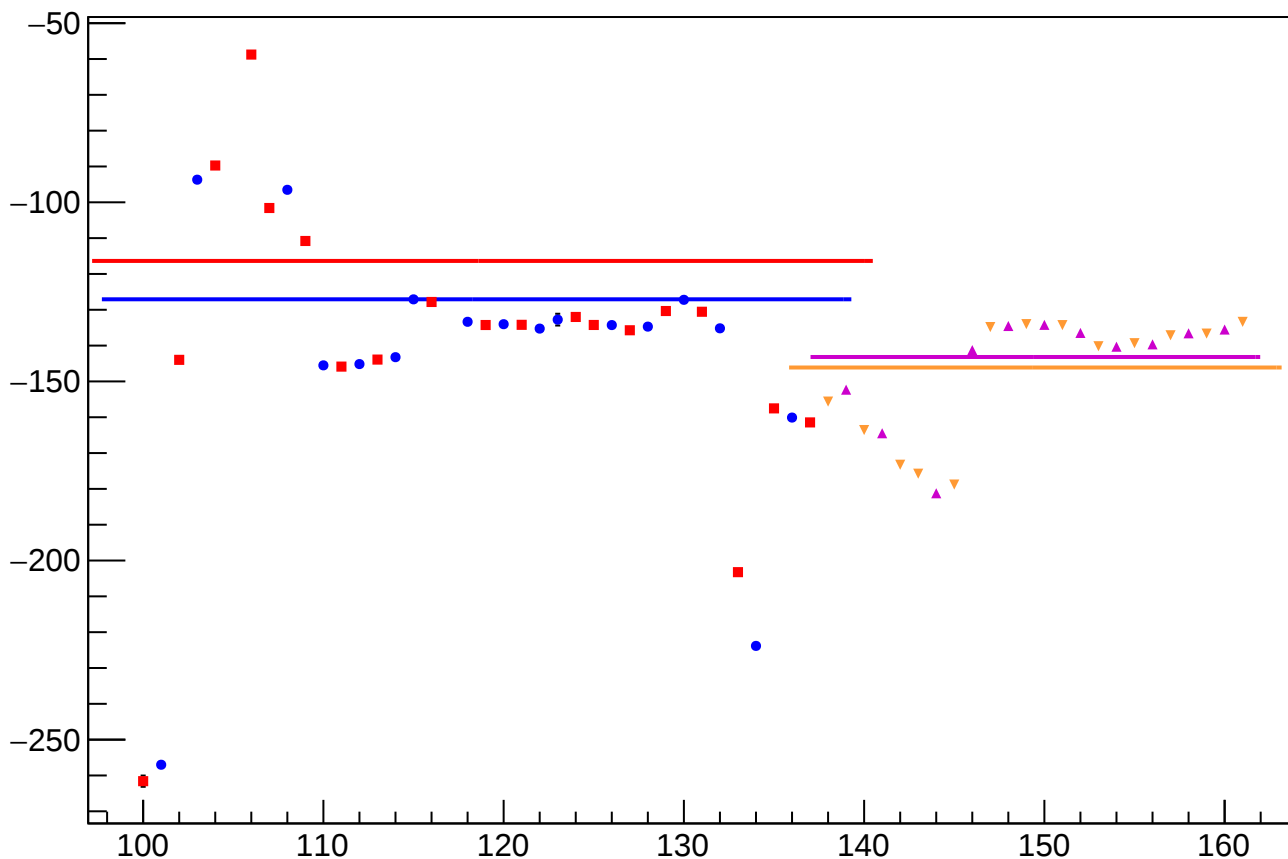
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 56.106 $\pm$ 1.042 χ^2 /NDF:831.7/27

Out: 54.158 $\pm$ 0.980 χ^2 /NDF:905.1/31

All: 55.072 $\pm$ 0.714 χ^2 /NDF: 1738.7/59

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: -146.116+/-0.061 χ^2/NDF : 68576.0/12

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -143.181+/-0.063 χ^2/NDF : 41800.9/10

Left: -144.687+/-0.044 χ^2/NDF : 111502.5/23

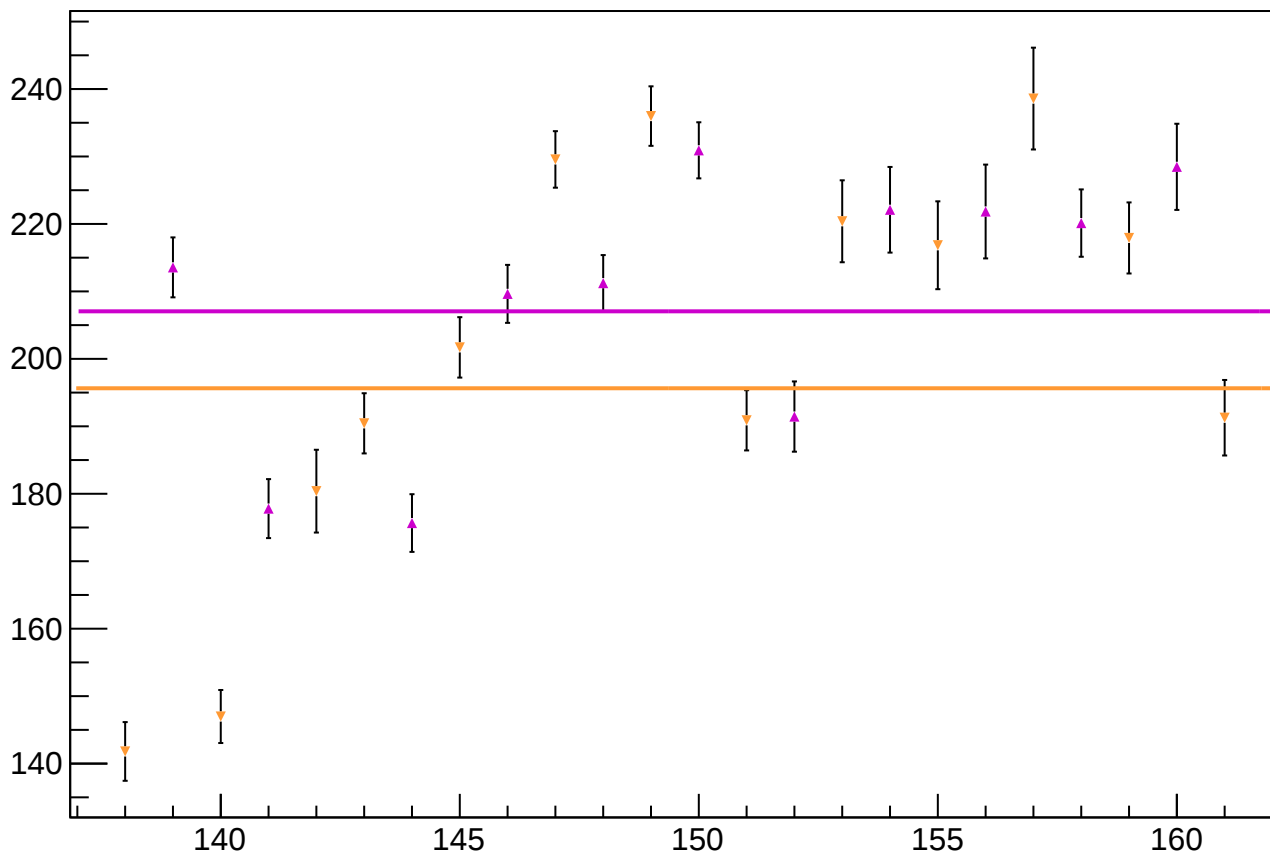
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.886+/-0.051 χ^2/NDF : 230550.1/27

Out: -135.658+/-0.049 χ^2/NDF : 319650.8/31

All: -136.724+/-0.036 χ^2/NDF : 551183.5/59

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: 195.640+/-1.362 χ^2/NDF :544.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.047+/-1.452 χ^2/NDF :172.3/10

Left: 200.981+/-0.993 χ^2/NDF : 749.3/23

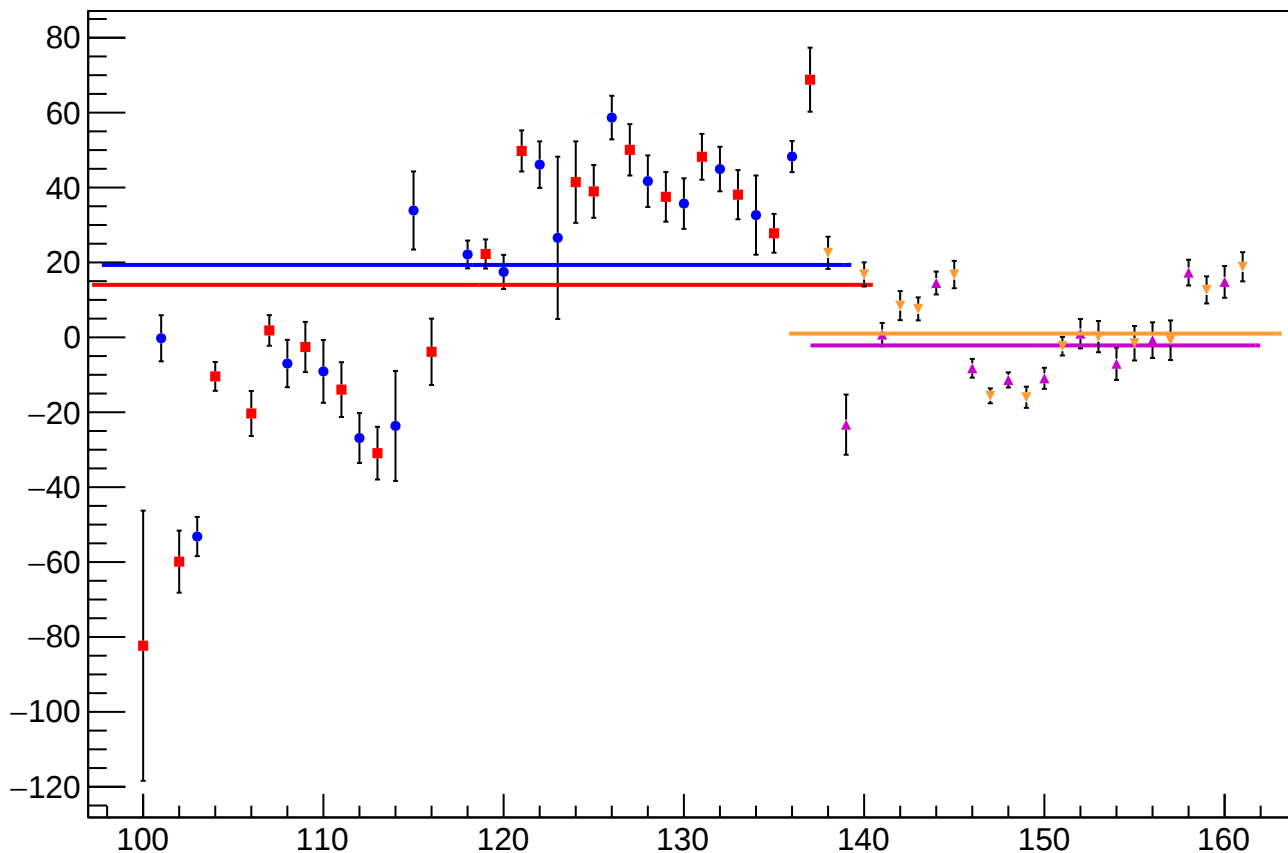
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.047+/-1.452 χ^2/NDF :172.3/10

Out: 195.640+/-1.362 χ^2/NDF :544.1/12

All: 200.981+/-0.993 χ^2/NDF : 749.3/23

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 1.006 ± 0.904 $\chi^2/\text{NDF}: 216.1/12$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -2.156 ± 0.971 $\chi^2/\text{NDF}: 124.2/10$

Left: -0.463 ± 0.662 $\chi^2/\text{NDF}: 346.0/23$

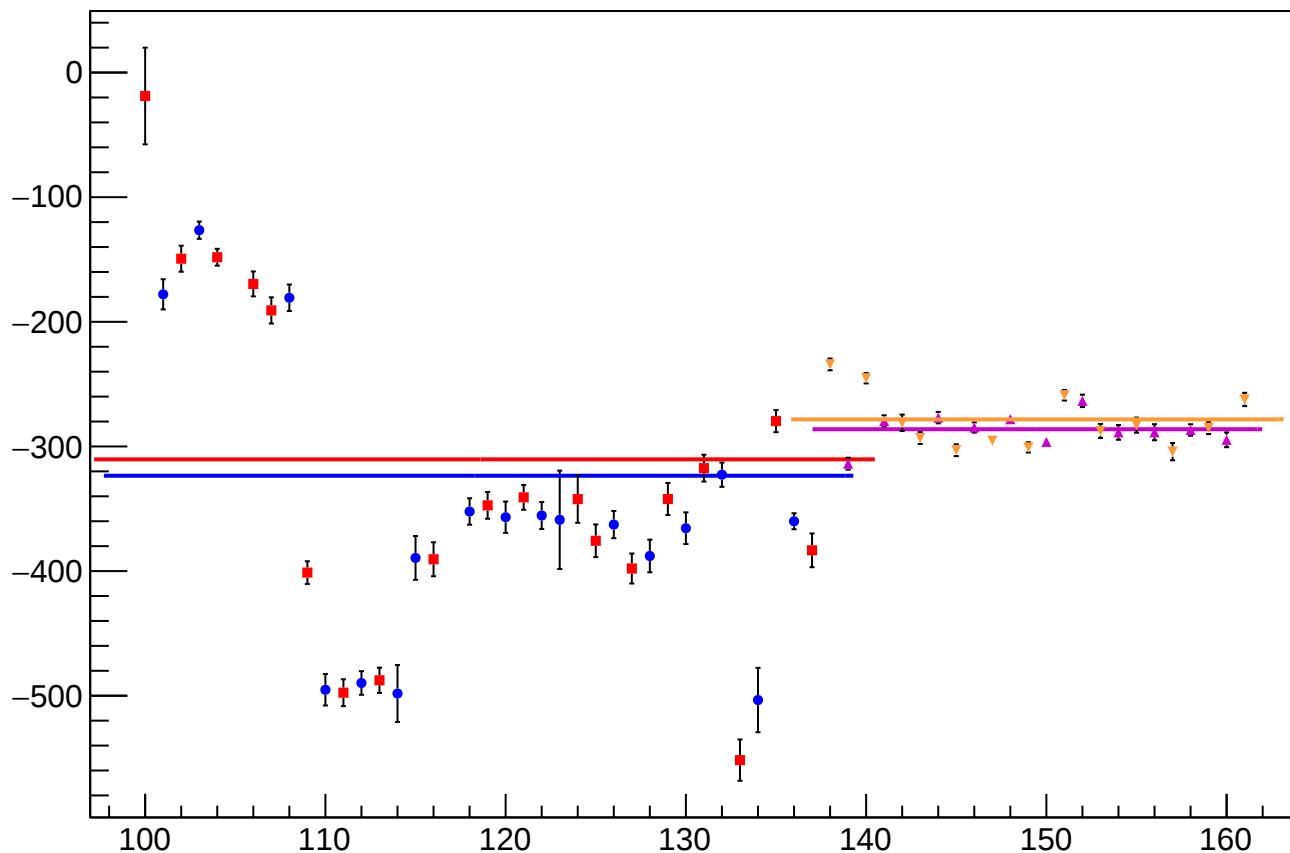
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 4.295 ± 0.812 $\chi^2/\text{NDF}: 711.2/27$

Out: 4.875 ± 0.758 $\chi^2/\text{NDF}: 710.8/31$

All: 4.605 ± 0.554 $\chi^2/\text{NDF}: 1422.3/59$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -278.289 ± 1.349 $\chi^2/\text{NDF}: 284.7/12$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -286.166 ± 1.419 $\chi^2/\text{NDF}: 73.7/10$

Left: -282.030 ± 0.978 $\chi^2/\text{NDF}: 374.5/23$

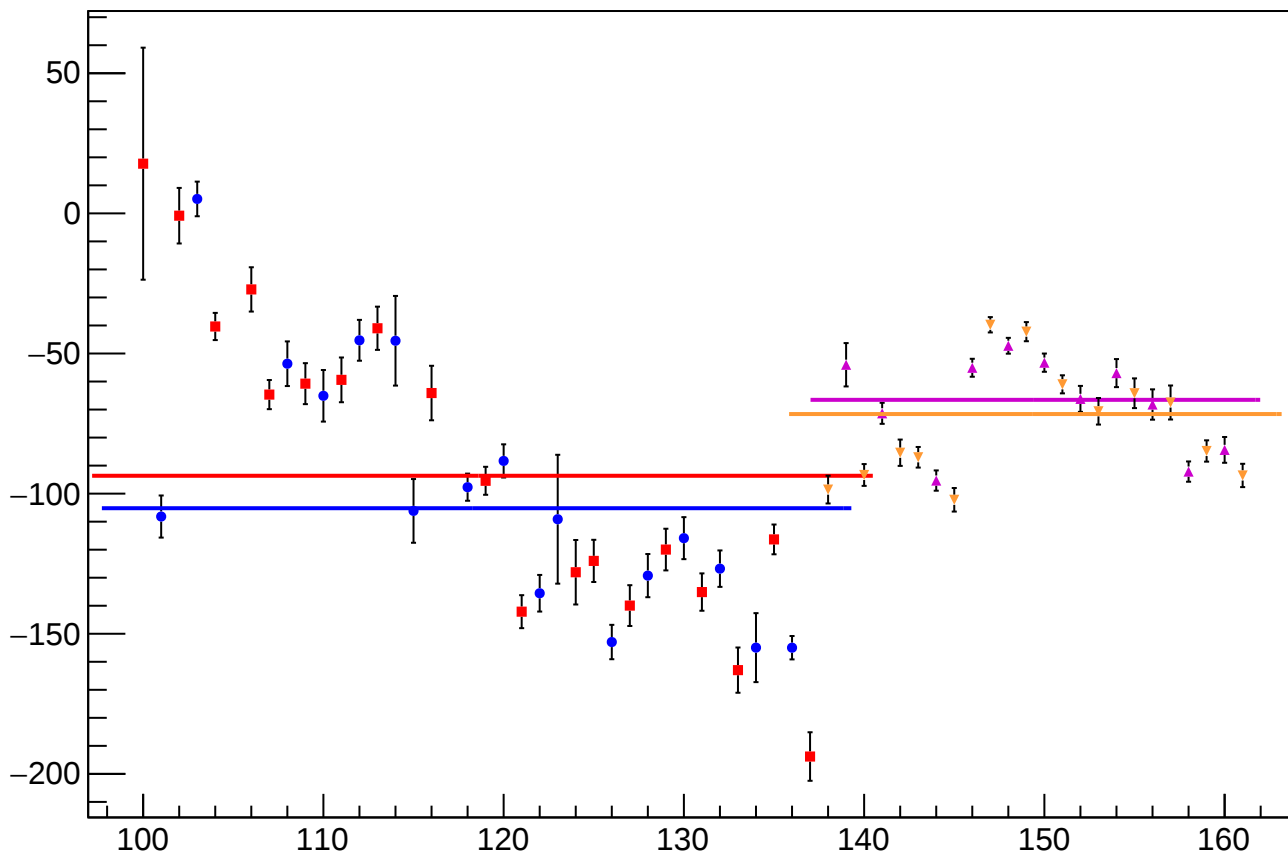
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -294.370 ± 1.253 $\chi^2/\text{NDF}: 2073.4/27$

Out: -285.420 ± 1.189 $\chi^2/\text{NDF}: 2710.8/31$

All: -289.662 ± 0.863 $\chi^2/\text{NDF}: 4811.0/59$

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: -71.601 ± 1.096 χ^2/NDF : 402.7/12

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -66.531 ± 1.174 χ^2/NDF : 212.6/10

Left: -69.240 ± 0.801 χ^2/NDF : 625.2/23

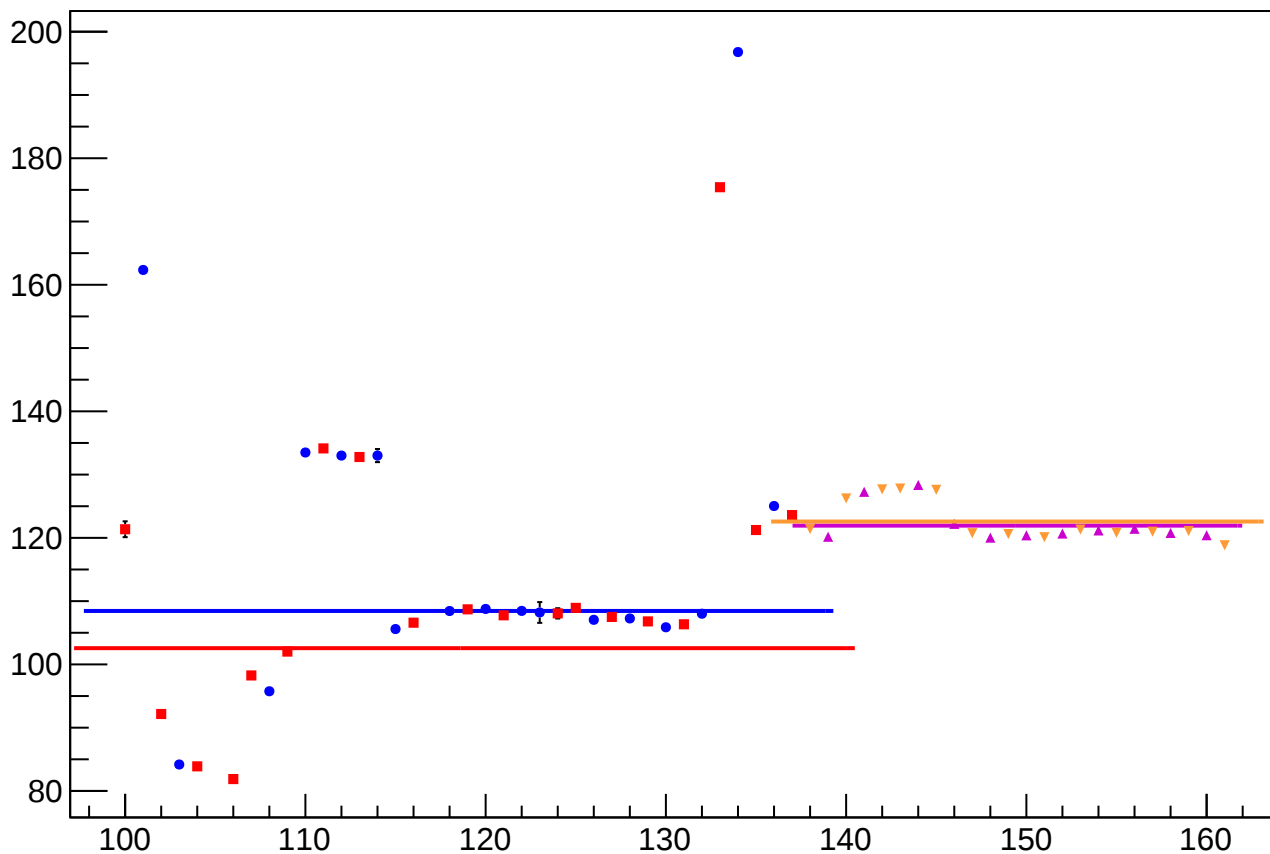
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -79.048 ± 0.965 χ^2/NDF : 1299.6/27

Out: -78.576 ± 0.906 χ^2/NDF : 1353.2/31

All: -78.797 ± 0.661 χ^2/NDF : 2652.9/59

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448+/-0.085 χ^2/NDF : 73265.3/16

Left Out: 122.581+/-0.054 χ^2/NDF : 3262.3/12

Right Out: 102.566+/-0.079 χ^2/NDF : 53135.3/18

Left In: 121.935+/-0.056 χ^2/NDF : 2326.1/10

Left: 122.271+/-0.039 χ^2/NDF : 5656.9/23

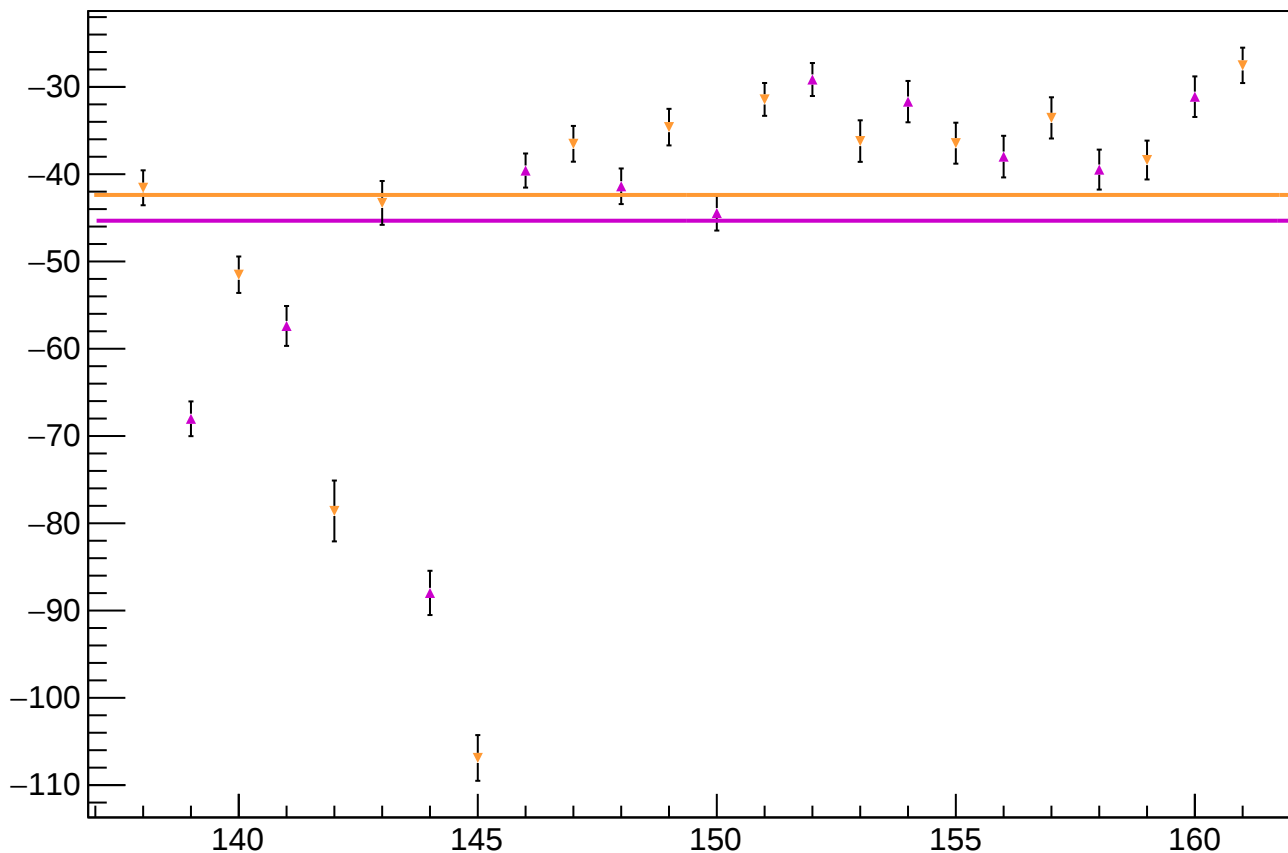
Right: 105.316+/-0.058 χ^2/NDF : 128963.5/35

In: 117.818+/-0.047 χ^2/NDF : 93167.2/27

Out: 116.243+/-0.045 χ^2/NDF : 99775.8/31

All: 116.993+/-0.032 χ^2/NDF : 193534.0/59

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: -42.377+/-0.621 χ^2/NDF : 873.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.331+/-0.651 χ^2/NDF : 613.2/10

Left: -43.783+/-0.449 χ^2/NDF : 1497.7/23

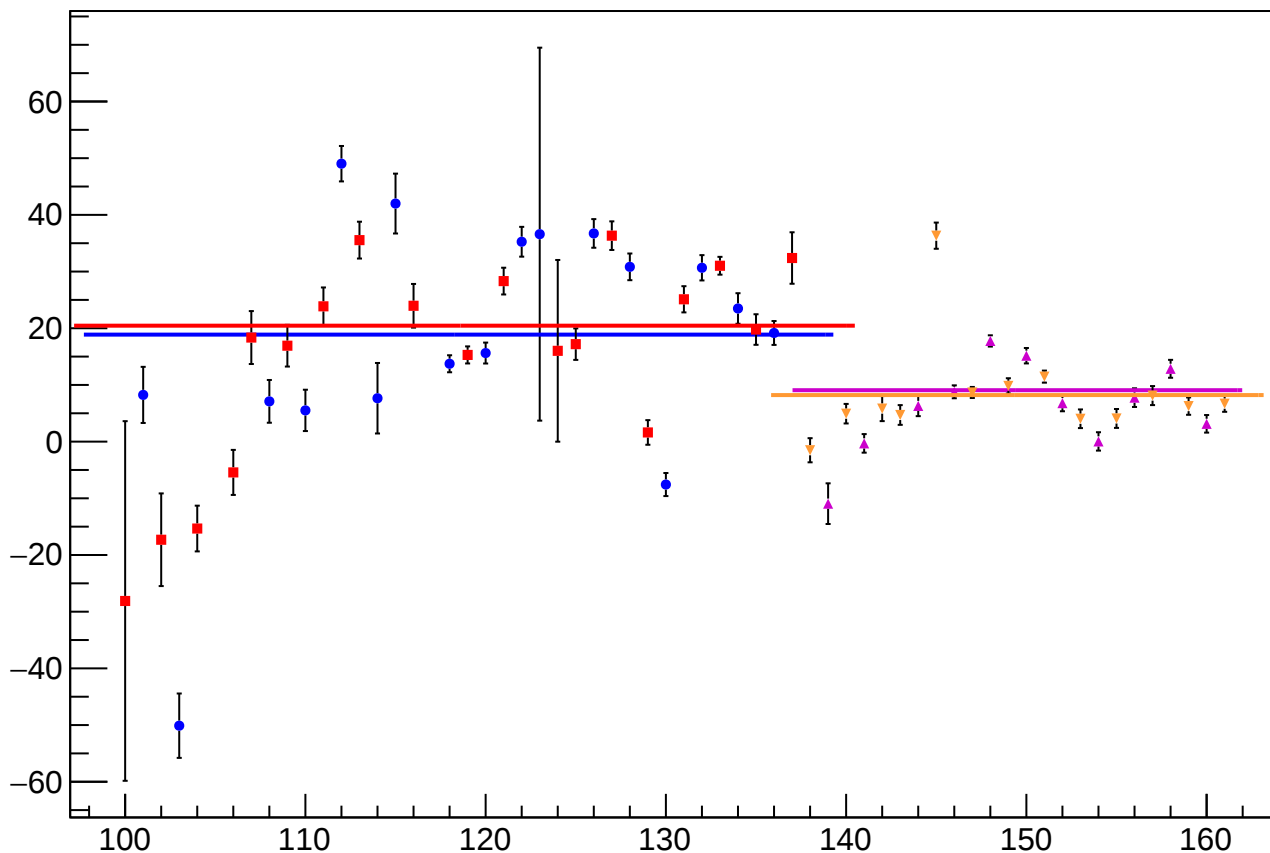
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.331+/-0.651 χ^2/NDF : 613.2/10

Out: -42.377+/-0.621 χ^2/NDF : 873.8/12

All: -43.783+/-0.449 χ^2/NDF : 1497.7/23

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 8.211 ± 0.417 χ^2/NDF : 204.2/12

Right Out: 20.454 ± 0.643 χ^2/NDF : 364.8/18

Left In: 9.072 ± 0.441 χ^2/NDF : 217.6/10

Left: 8.617 ± 0.303 χ^2/NDF : 423.8/23

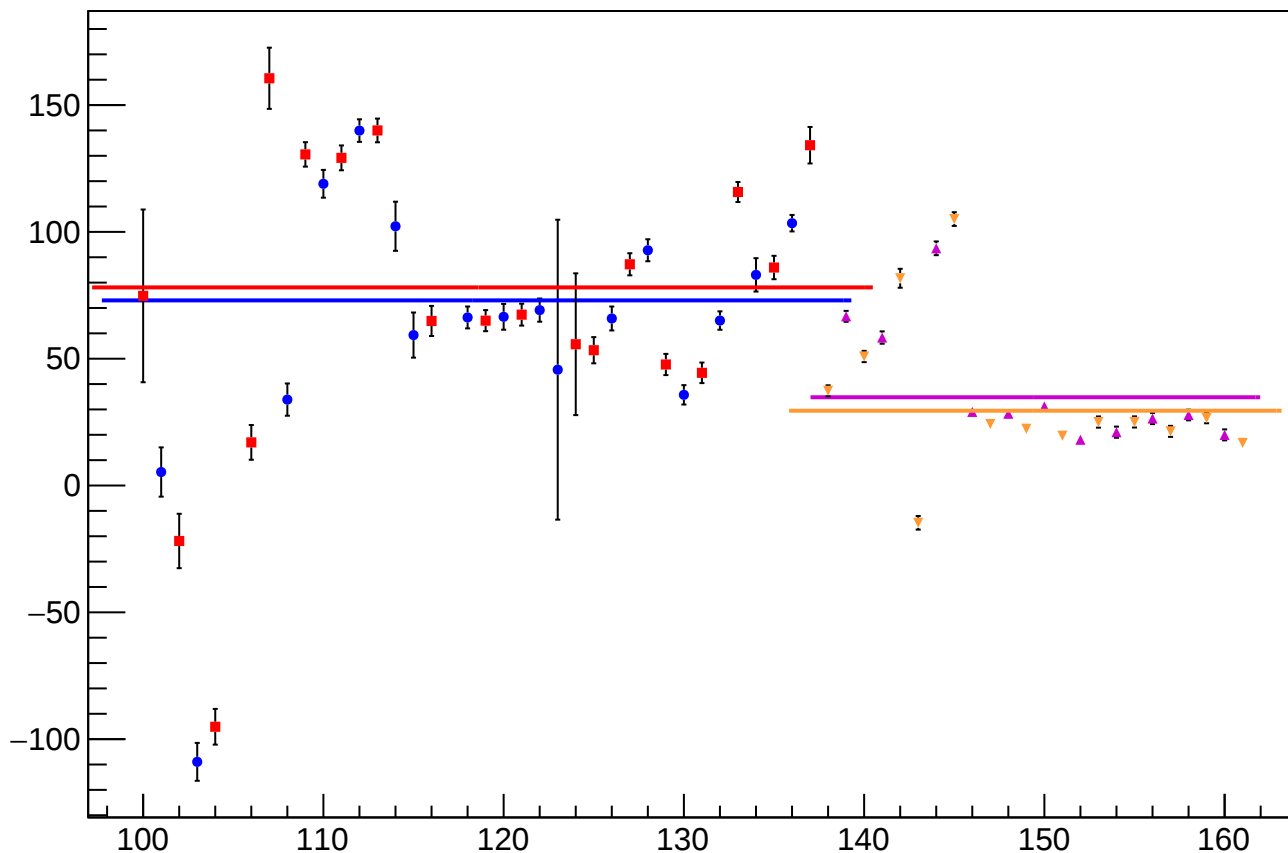
Right: 19.666 ± 0.455 χ^2/NDF : 988.3/35

In: 12.201 ± 0.364 χ^2/NDF : 995.7/27

Out: 11.826 ± 0.350 χ^2/NDF : 824.1/31

All: 12.006 ± 0.252 χ^2/NDF : 1820.3/59

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: 29.493 $\pm$ 0.605 χ^2 /NDF:1472.3/12

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 34.802 $\pm$ 0.630 χ^2 /NDF:1004.0/10

Left: 32.040 $\pm$ 0.437 χ^2 /NDF: 2513.2/23

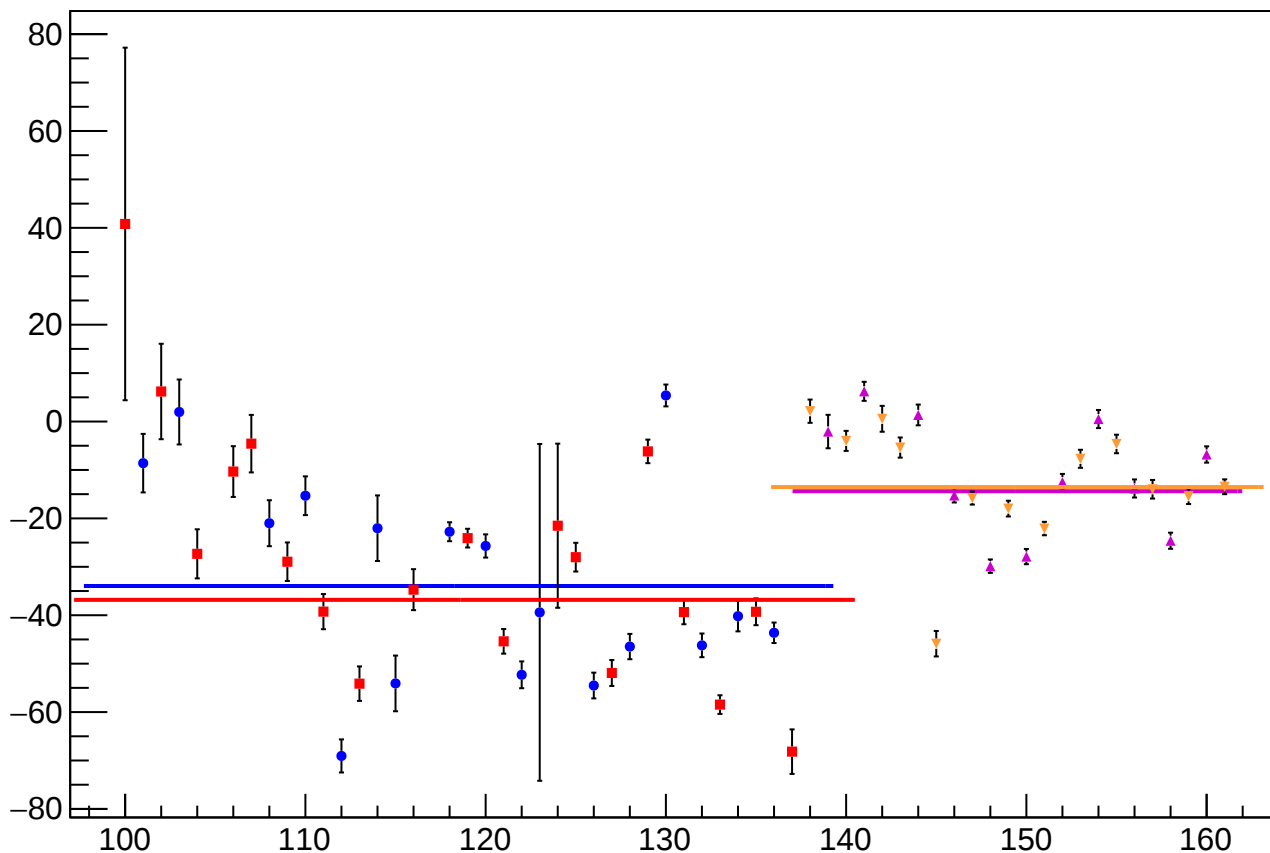
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 42.746 $\pm$ 0.561 χ^2 /NDF:2973.0/27

Out: 39.060 $\pm$ 0.543 χ^2 /NDF:4288.5/31

All: 40.841 $\pm$ 0.390 χ^2 /NDF: 7283.8/59

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: -13.530 ± 0.499 χ^2/NDF : 339.6/12

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.392 ± 0.528 χ^2/NDF : 497.7/10

Left: -13.936 ± 0.363 χ^2/NDF : 838.7/23

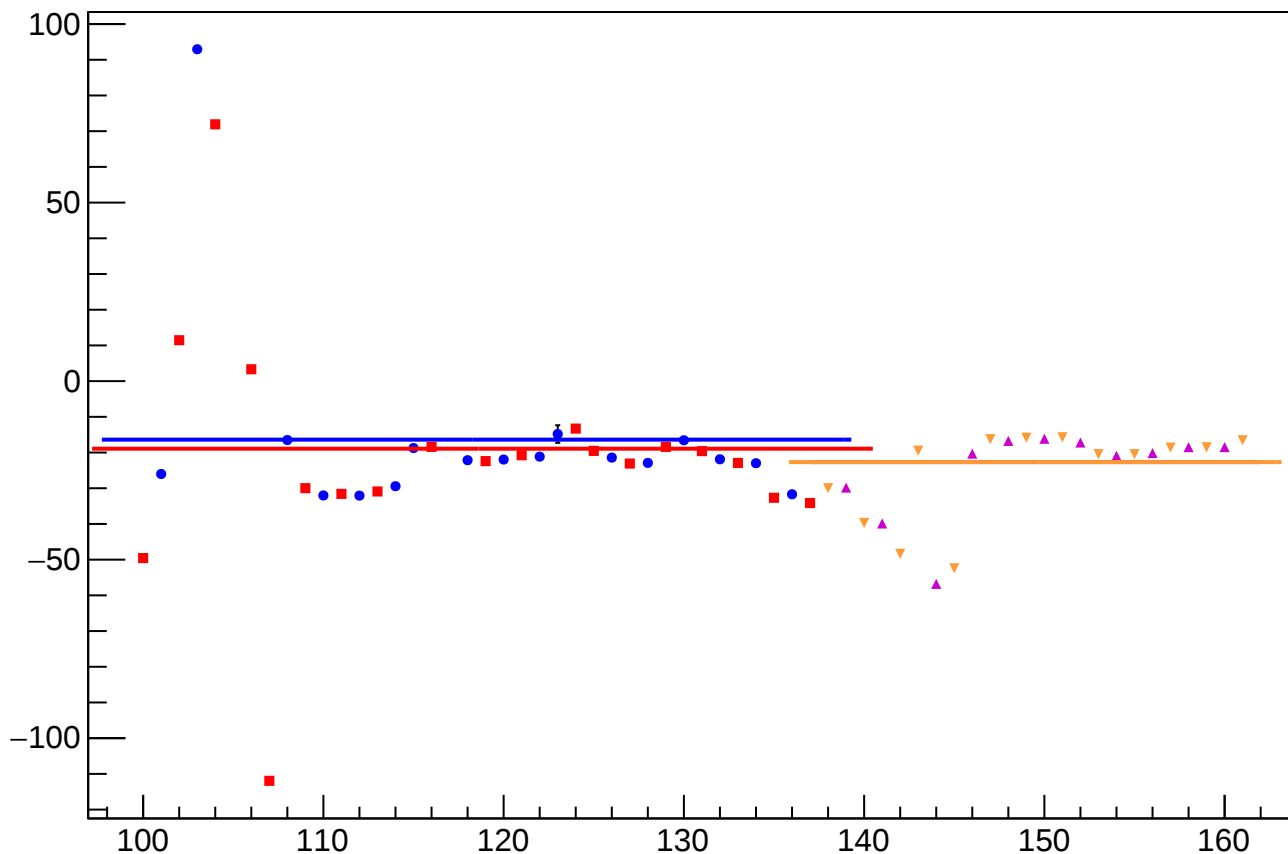
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -21.025 ± 0.429 χ^2/NDF : 1685.2/27

Out: -20.848 ± 0.413 χ^2/NDF : 1565.0/31

All: -20.933 ± 0.298 χ^2/NDF : 3250.3/59

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -22.673 ± 0.024 $\chi^2/\text{NDF}: 180417.6/12$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -22.680 ± 0.024 $\chi^2/\text{NDF}: 147790.0/10$

Left: -22.676 ± 0.017 $\chi^2/\text{NDF}: 328207.6/23$

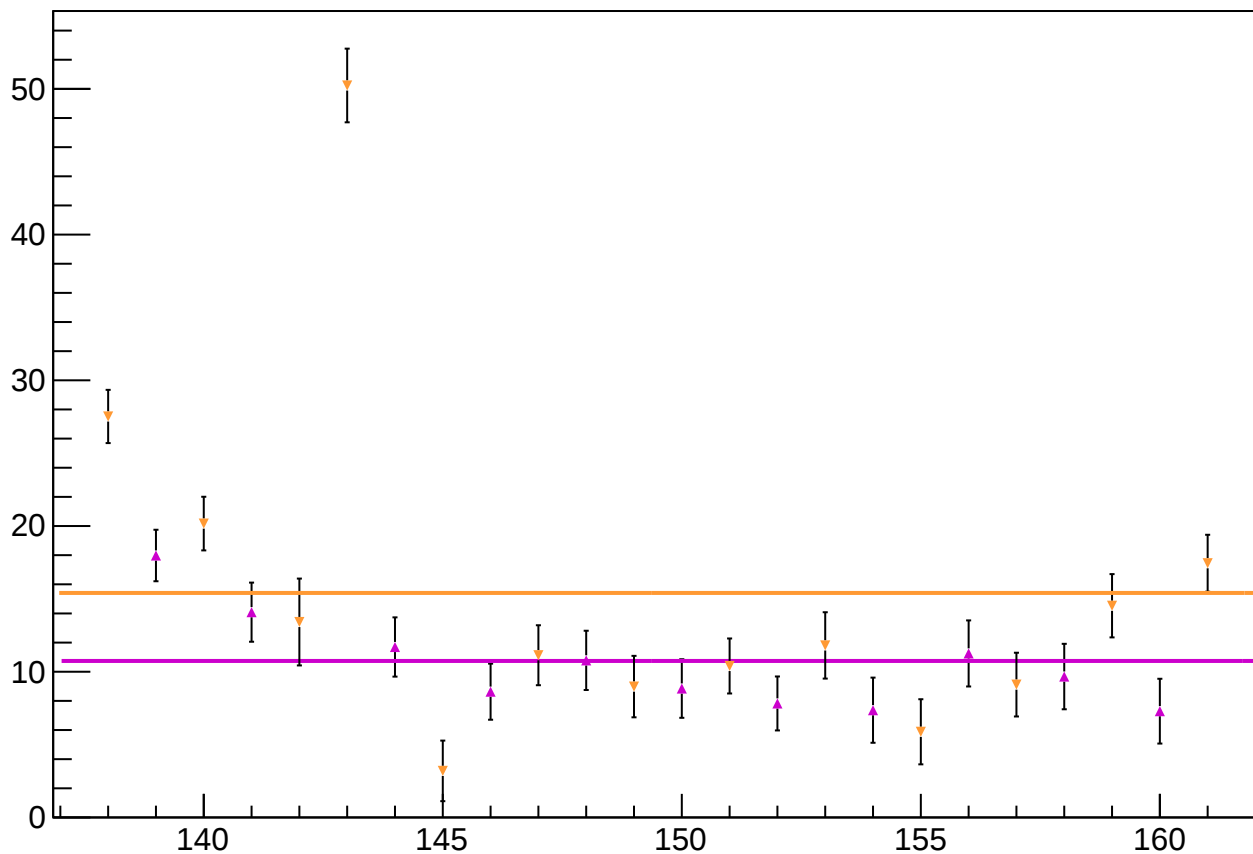
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.215 ± 0.021 $\chi^2/\text{NDF}: 637457.9/27$

Out: -21.869 ± 0.021 $\chi^2/\text{NDF}: 619950.9/31$

All: -21.549 ± 0.015 $\chi^2/\text{NDF}: 1257883.3/59$

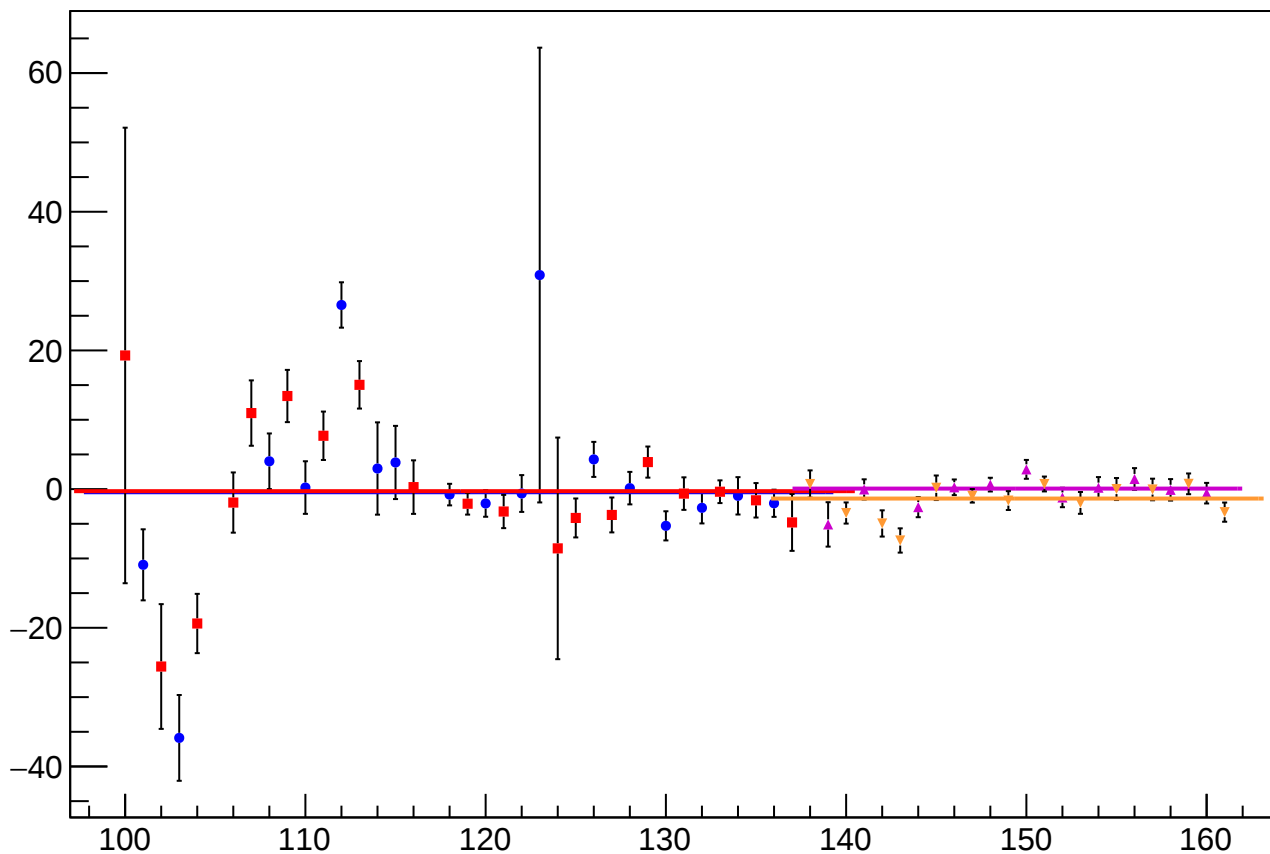
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.408 ± 0.586 $\chi^2/\text{NDF}: 326.3/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 10.740 ± 0.614 $\chi^2/\text{NDF}: 29.3/10$

Left: 13.184 ± 0.424 $\chi^2/\text{NDF}: 385.8/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 10.740 ± 0.614 $\chi^2/\text{NDF}: 29.3/10$
 Out: 15.408 ± 0.586 $\chi^2/\text{NDF}: 326.3/12$
 All: 13.184 ± 0.424 $\chi^2/\text{NDF}: 385.8/23$

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: -1.361 ± 0.400 χ^2/NDF : 29.0/12

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.075 ± 0.423 χ^2/NDF : 12.3/10

Left: -0.683 ± 0.290 χ^2/NDF : 47.4/23

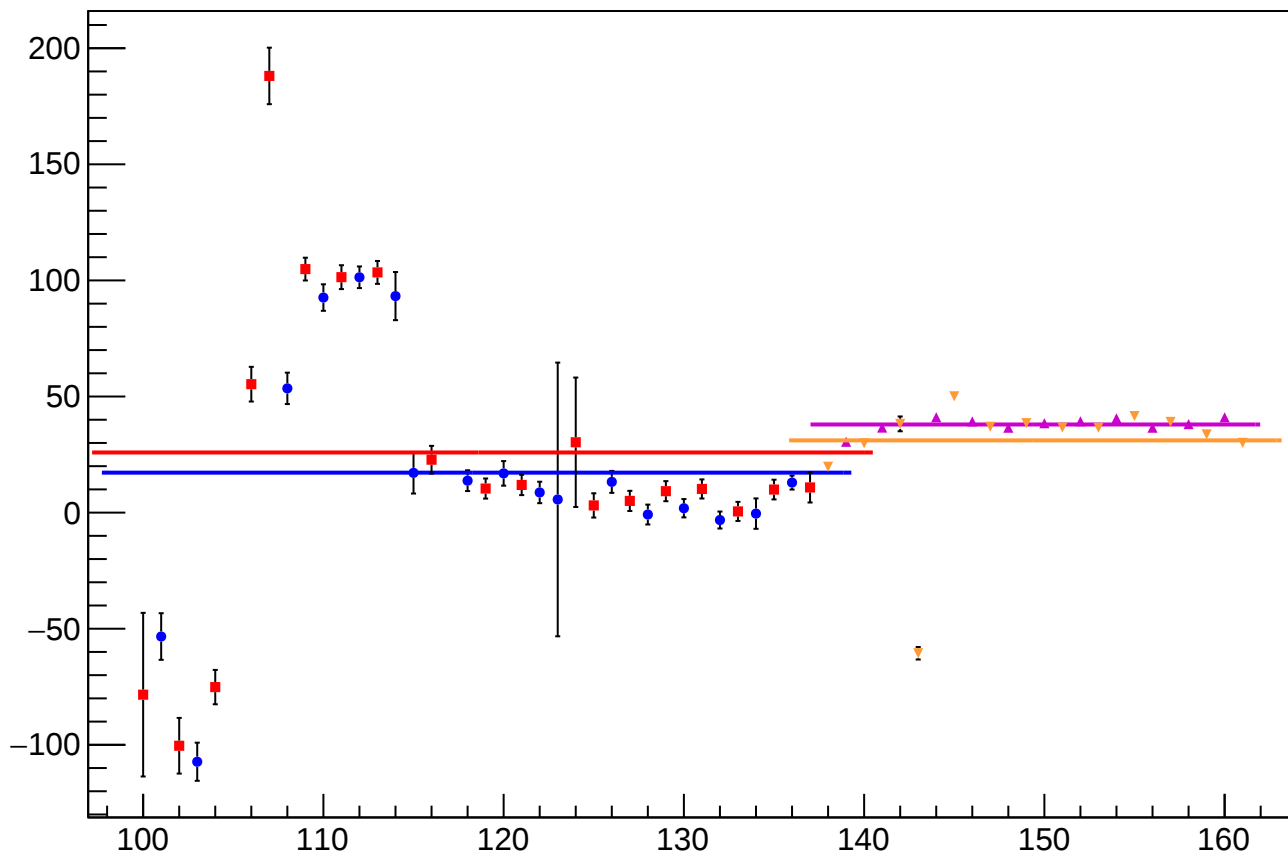
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.080 ± 0.355 χ^2/NDF : 132.3/27

Out: -1.074 ± 0.342 χ^2/NDF : 115.4/31

All: -0.596 ± 0.246 χ^2/NDF : 251.8/59

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 31.109 $\pm$ 0.575 χ^2 /NDF:1352.4/12

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 37.956 $\pm$ 0.598 χ^2 /NDF:23.7/10

Left: 34.395 $\pm$ 0.414 χ^2 /NDF: 1444.2/23

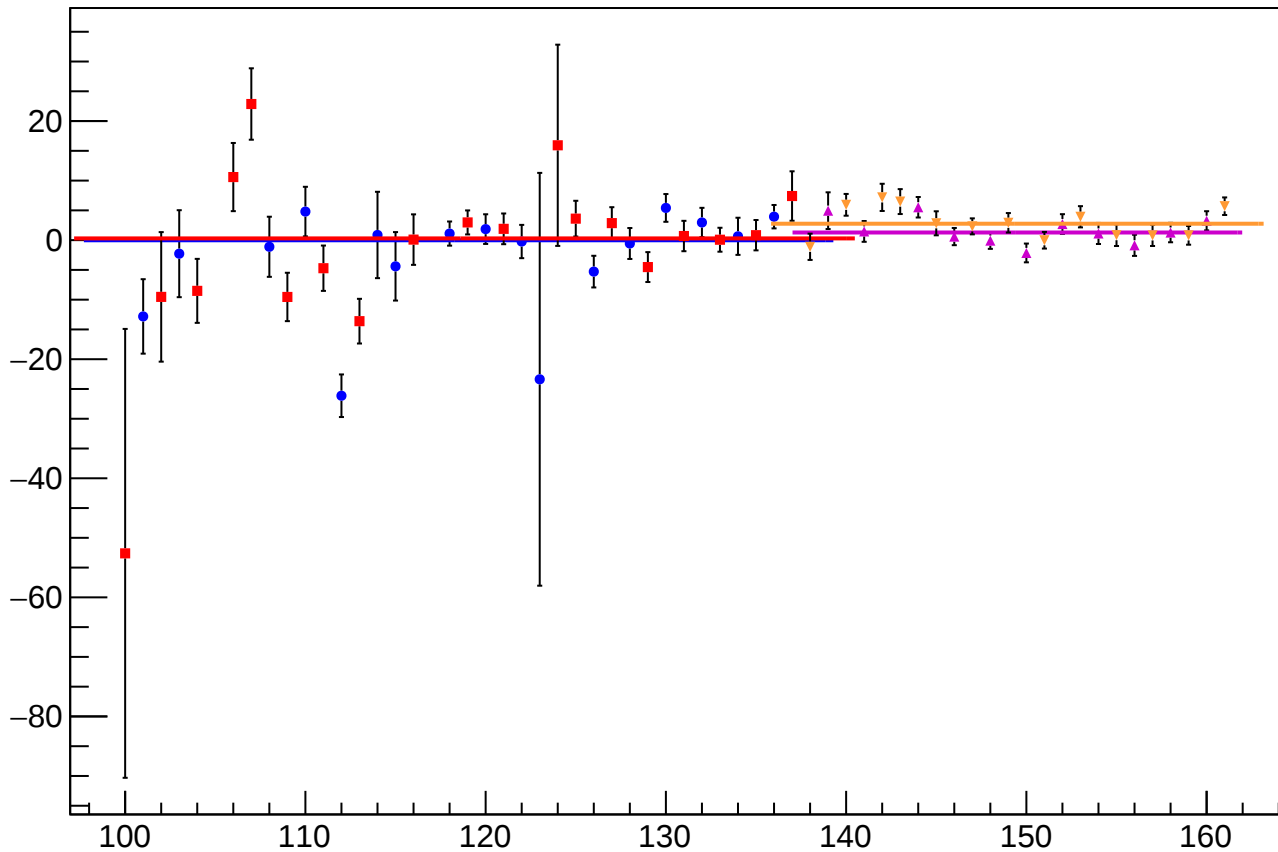
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 34.046 $\pm$ 0.539 χ^2 /NDF:1190.4/27

Out: 30.193 $\pm$ 0.522 χ^2 /NDF:2741.6/31

All: 32.057 $\pm$ 0.375 χ^2 /NDF: 3958.4/59

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: 2.757 ± 0.477 χ^2/NDF : 25.3/12

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.283 ± 0.504 χ^2/NDF : 17.1/10

Left: 2.061 ± 0.346 χ^2/NDF : 47.0/23

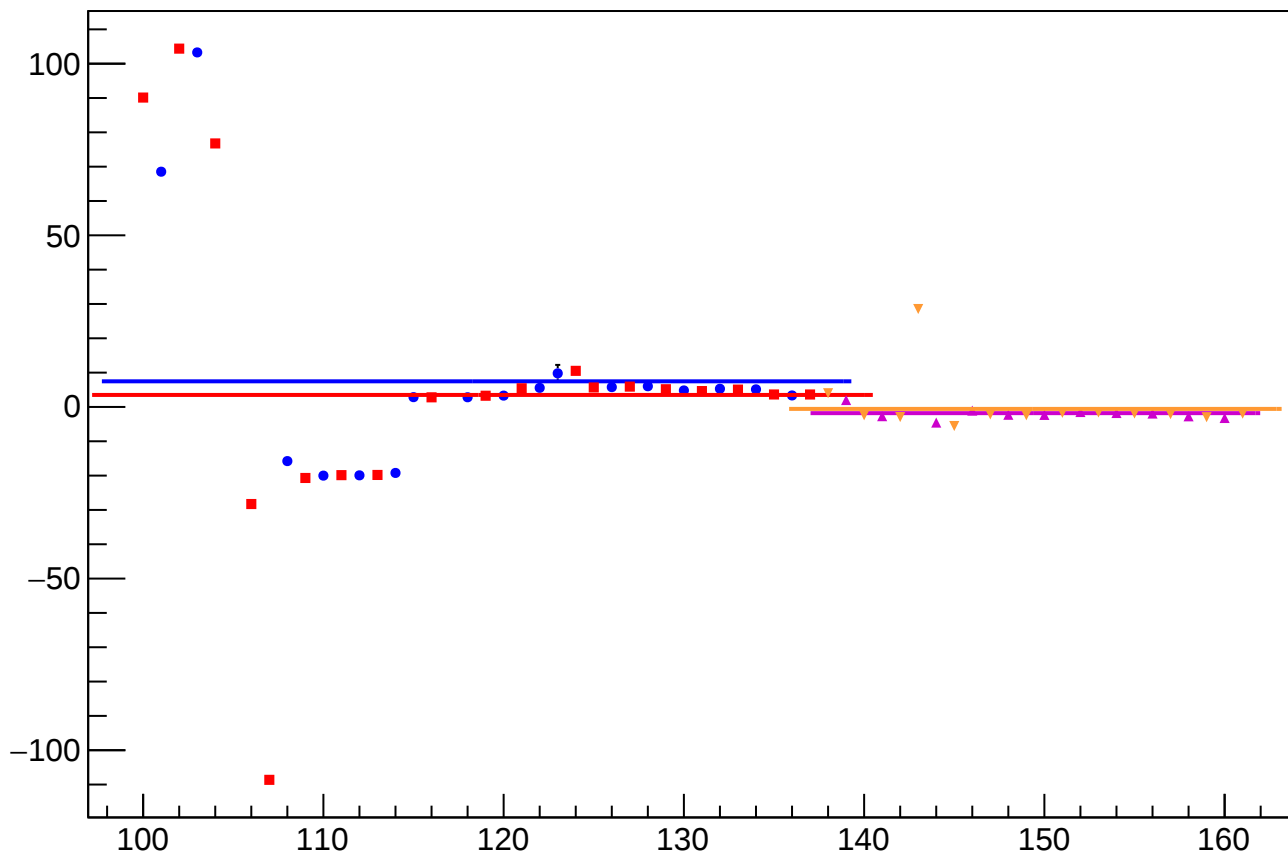
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.873 ± 0.417 χ^2/NDF : 95.1/27

Out: 2.046 ± 0.402 χ^2/NDF : 89.1/31

All: 1.481 ± 0.290 χ^2/NDF : 188.3/59

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.567+/-0.022 χ^2/NDF : 83524.2/12

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.807+/-0.023 χ^2/NDF : 4801.1/10

Left: -1.164+/-0.016 χ^2/NDF : 89805.1/23

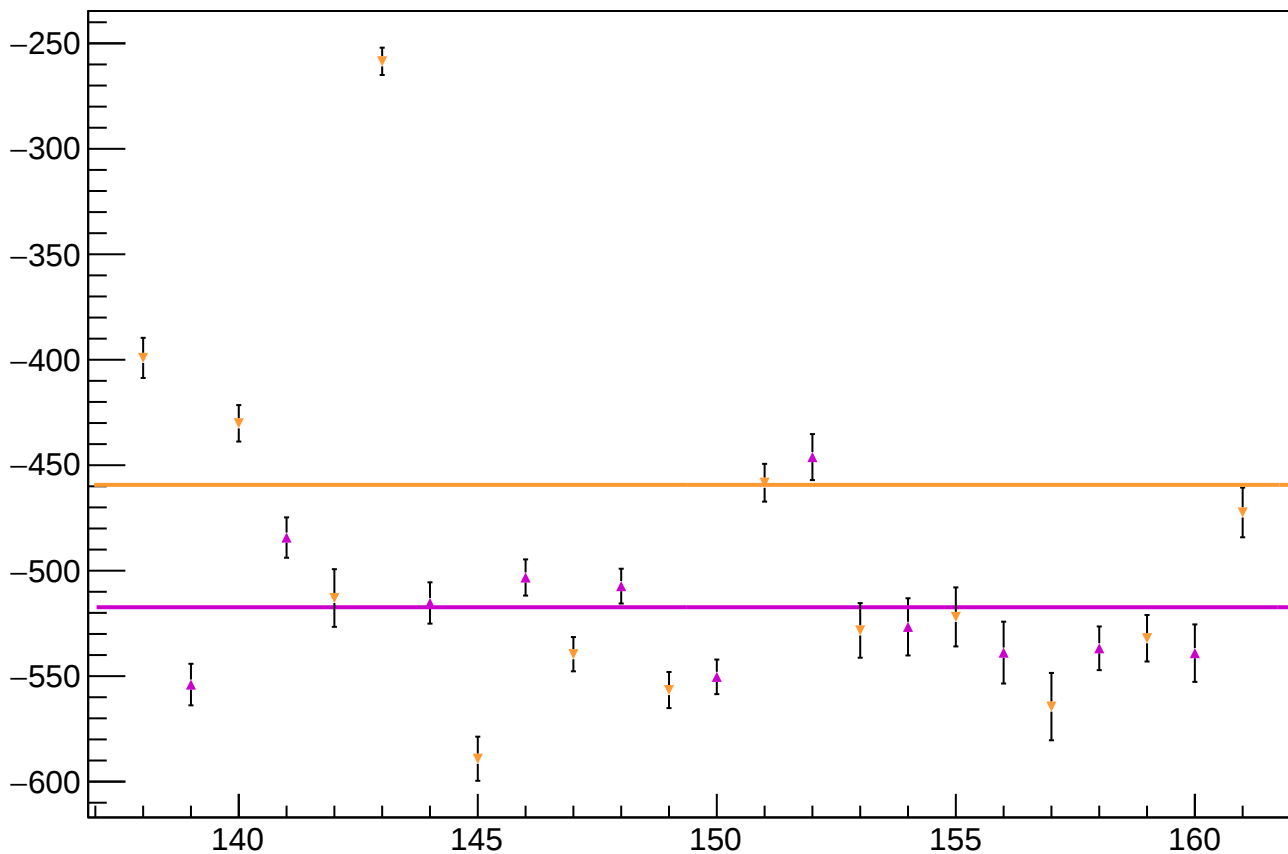
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.177+/-0.021 χ^2/NDF : 394875.5/27

Out: 0.224+/-0.020 χ^2/NDF : 600520.2/31

All: 0.201+/-0.014 χ^2/NDF : 995398.3/59

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: -459.314+/-2.727 χ^2/NDF :1545.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -517.328+/-3.041 χ^2/NDF :97.5/10

Left: -485.167+/-2.030 χ^2/NDF : 1844.6/23

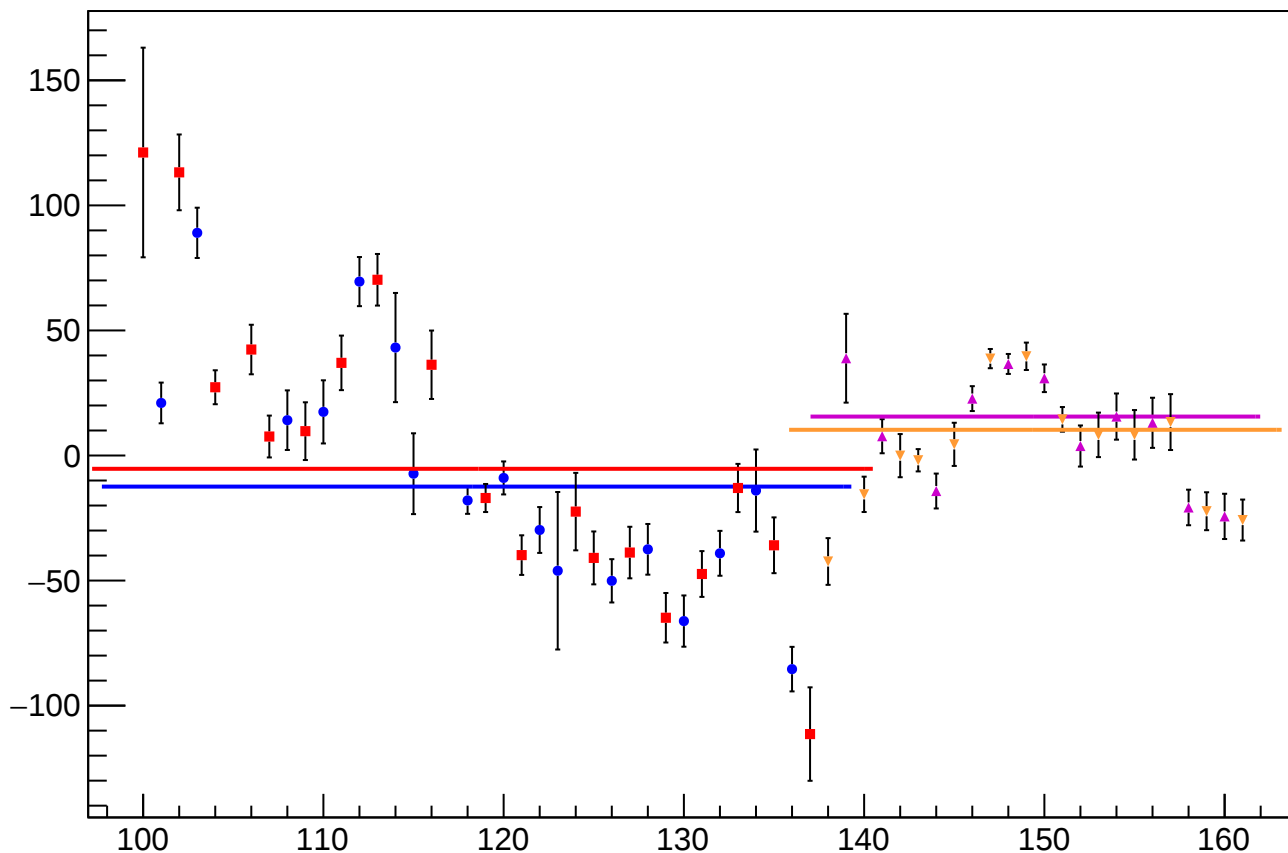
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.328+/-3.041 χ^2/NDF :97.5/10

Out: -459.314+/-2.727 χ^2/NDF :1545.4/12

All: -485.167+/-2.030 χ^2/NDF : 1844.6/23

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 10.280 ± 1.785 $\chi^2/\text{NDF}: 176.8/12$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 15.567 ± 2.001 $\chi^2/\text{NDF}: 106.5/10$

Left: 12.622 ± 1.332 $\chi^2/\text{NDF}: 287.2/23$

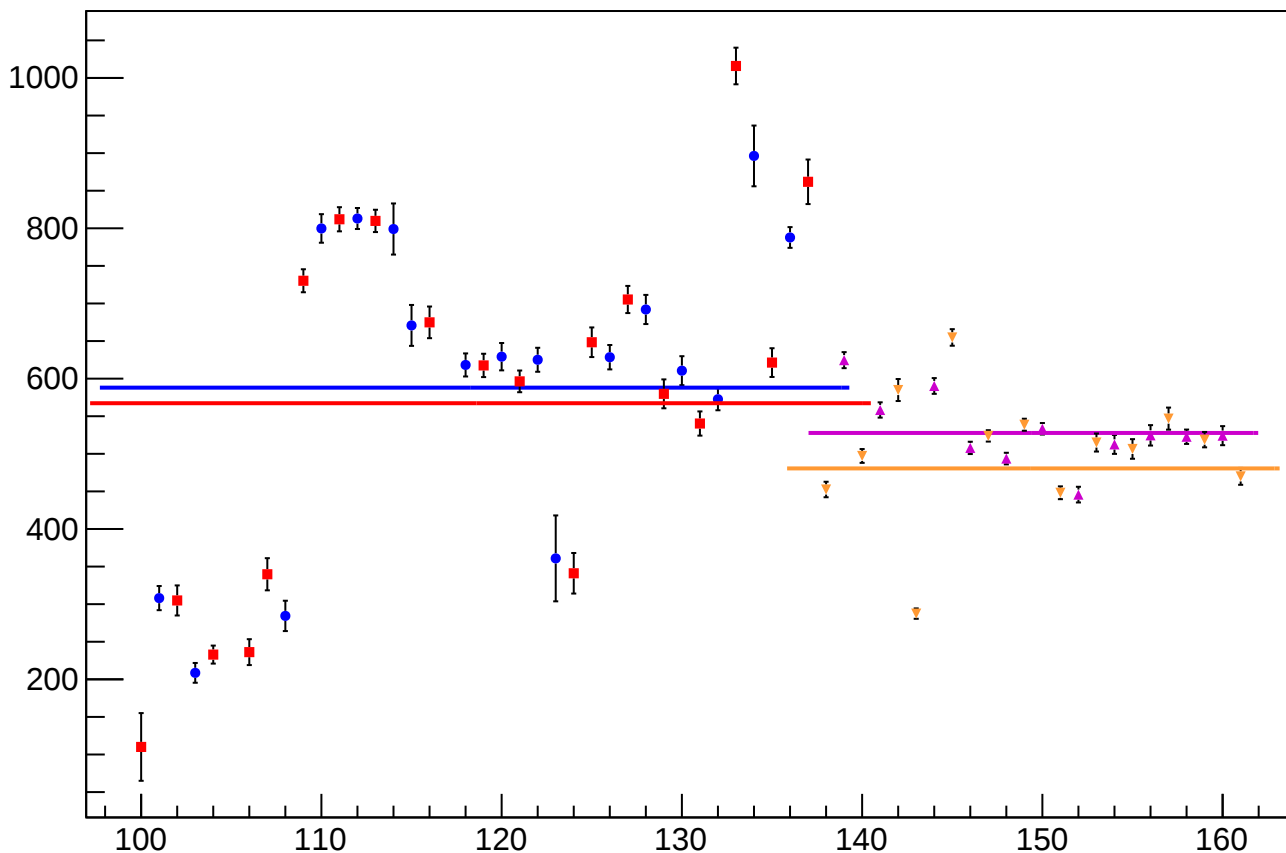
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: 3.594 ± 1.514 $\chi^2/\text{NDF}: 530.5/27$

Out: 4.288 ± 1.400 $\chi^2/\text{NDF}: 548.9/31$

All: 3.968 ± 1.028 $\chi^2/\text{NDF}: 1079.5/59$

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: 480.573 $\pm$ 2.704 χ^2 /NDF:1240.4/12

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 527.761 $\pm$ 2.958 χ^2 /NDF:216.6/10

Left: 502.058 $\pm$ 1.996 χ^2 /NDF: 1595.6/23

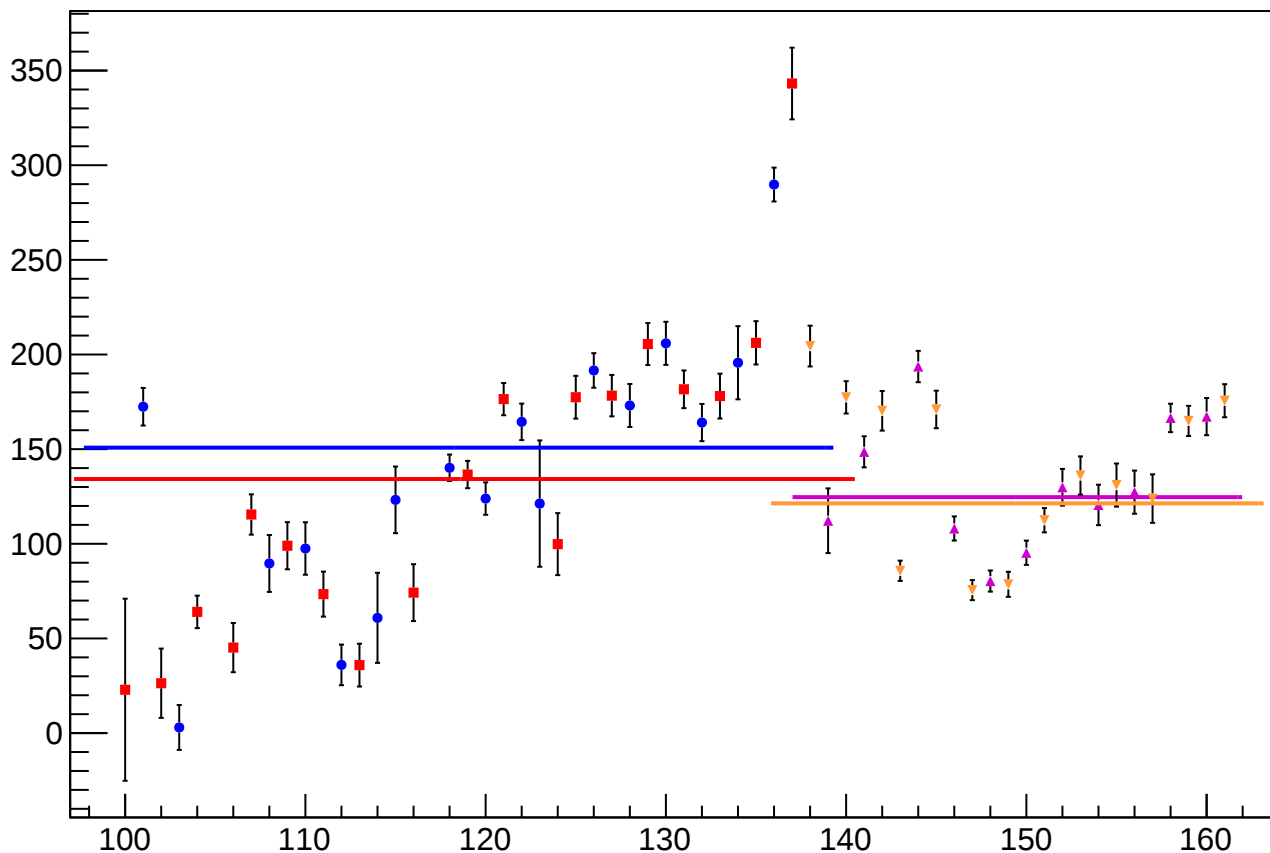
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 546.942 $\pm$ 2.442 χ^2 /NDF:2476.4/27

Out: 506.571 $\pm$ 2.263 χ^2 /NDF:4333.1/31

All: 525.221 $\pm$ 1.660 χ^2 /NDF: 6956.6/59

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 121.365 $\pm$ 2.173 χ^2 /NDF:383.2/12

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 124.658 $\pm$ 2.431 χ^2 /NDF:219.8/10

Left: 122.827 $\pm$ 1.620 χ^2 /NDF: 604.0/23

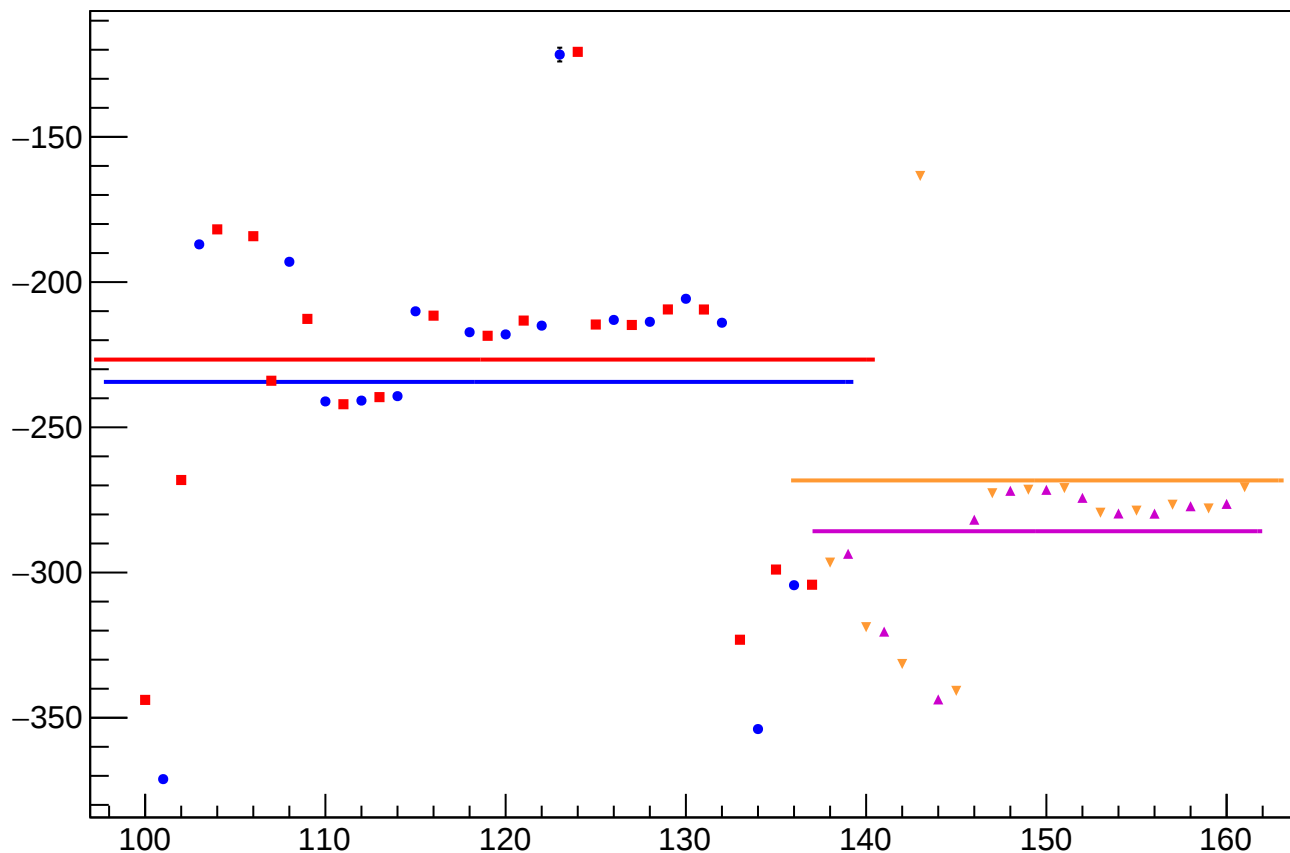
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 136.456 $\pm$ 1.801 χ^2 /NDF:905.0/27

Out: 126.615 $\pm$ 1.672 χ^2 /NDF:979.1/31

All: 131.170 $\pm$ 1.225 χ^2 /NDF: 1900.2/59

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -268.287 ± 0.109 $\chi^2/\text{NDF}: 204350.5/12$

Right Out: -226.674 ± 0.141 $\chi^2/\text{NDF}: 99490.5/18$

Left In: -285.776 ± 0.118 $\chi^2/\text{NDF}: 29416.3/10$

Left: -276.365 ± 0.080 $\chi^2/\text{NDF}: 245654.7/23$

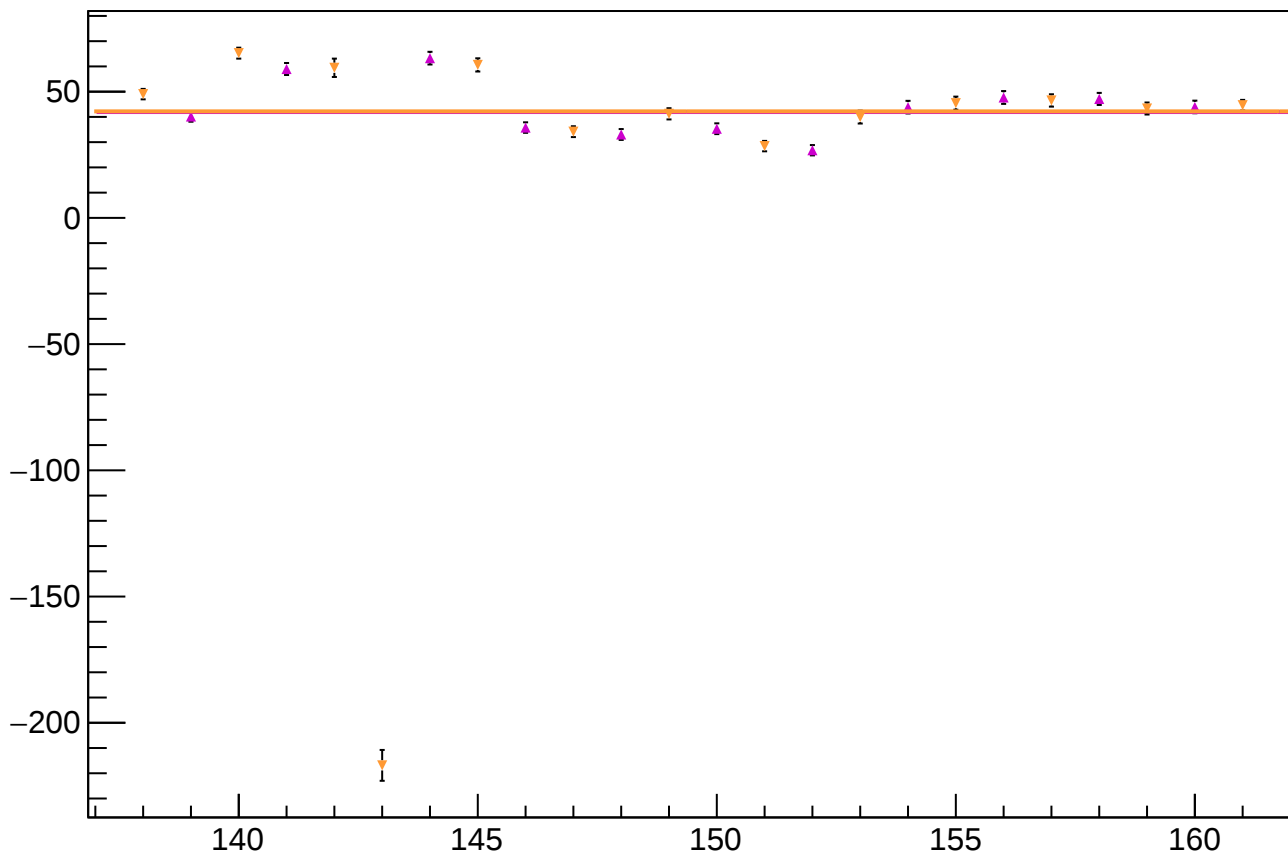
Right: -230.326 ± 0.102 $\chi^2/\text{NDF}: 246056.0/35$

In: -265.941 ± 0.092 $\chi^2/\text{NDF}: 248230.0/27$

Out: -252.754 ± 0.086 $\chi^2/\text{NDF}: 358229.3/31$

All: -258.911 ± 0.063 $\chi^2/\text{NDF}: 617360.4/59$

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: 42.193+/-0.672 χ^2/NDF :2058.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.931+/-0.686 χ^2/NDF :225.3/10

Left: 42.065+/-0.480 χ^2/NDF : 2283.8/23

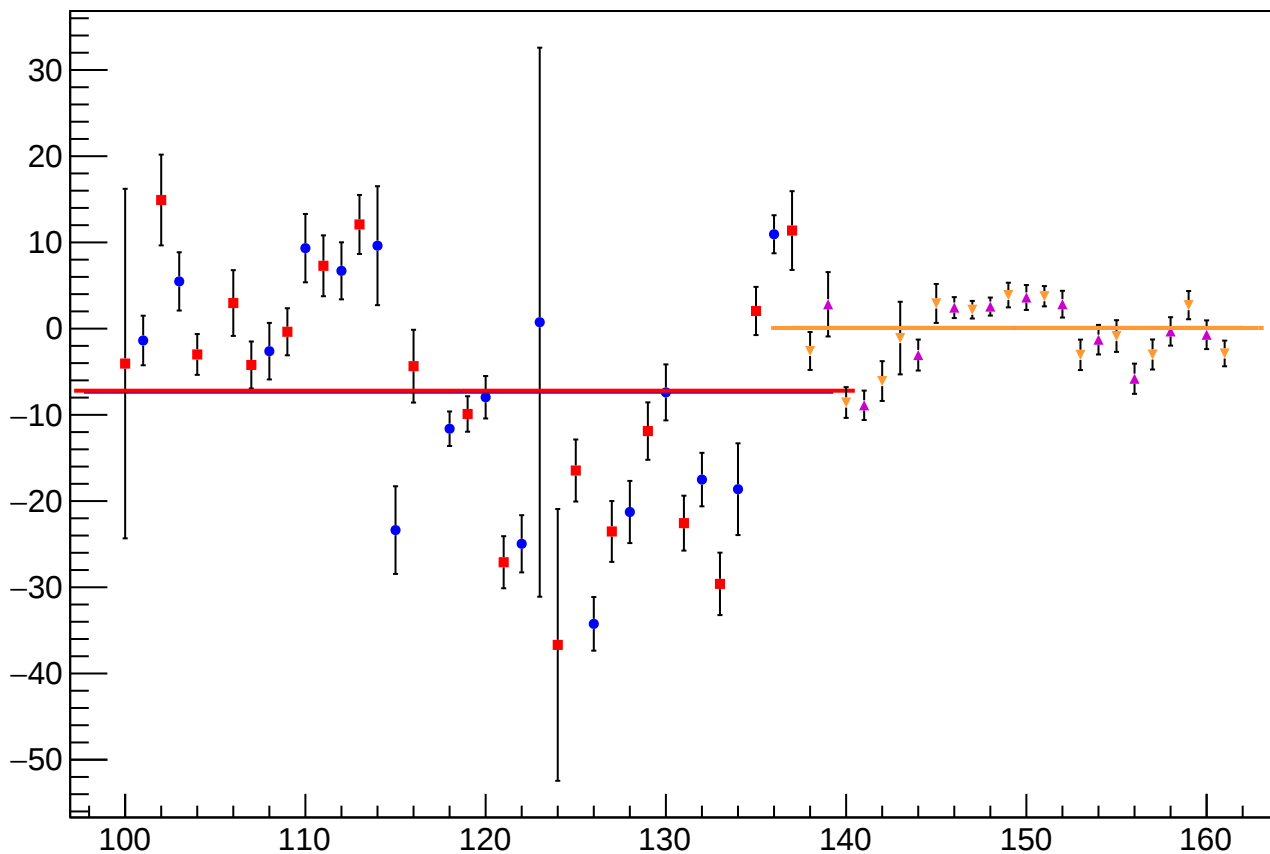
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.931+/-0.686 χ^2/NDF :225.3/10

Out: 42.193+/-0.672 χ^2/NDF :2058.5/12

All: 42.065+/-0.480 χ^2/NDF : 2283.8/23

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.075 ± 0.452 χ^2/NDF : 68.0/12

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.086 ± 0.466 χ^2/NDF : 62.0/10

Left: 0.080 ± 0.324 χ^2/NDF : 130.1/23

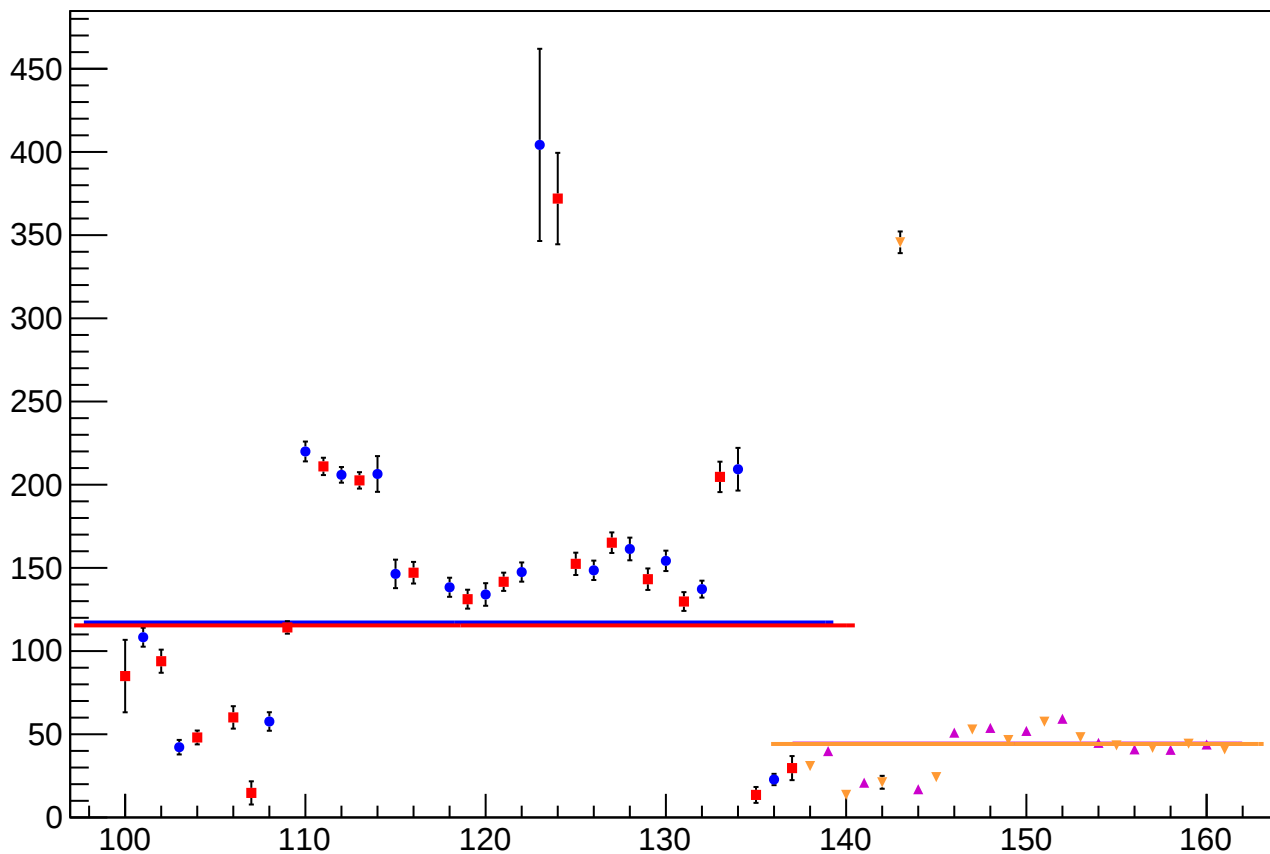
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.859 ± 0.400 χ^2/NDF : 407.4/27

Out: -1.818 ± 0.388 χ^2/NDF : 387.7/31

All: -1.838 ± 0.279 χ^2/NDF : 795.1/59

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 44.169 $\pm$ 0.654 χ^2 /NDF:2511.8/12

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 44.394 $\pm$ 0.665 χ^2 /NDF:304.8/10

Left: 44.279 $\pm$ 0.466 χ^2 /NDF: 2816.6/23

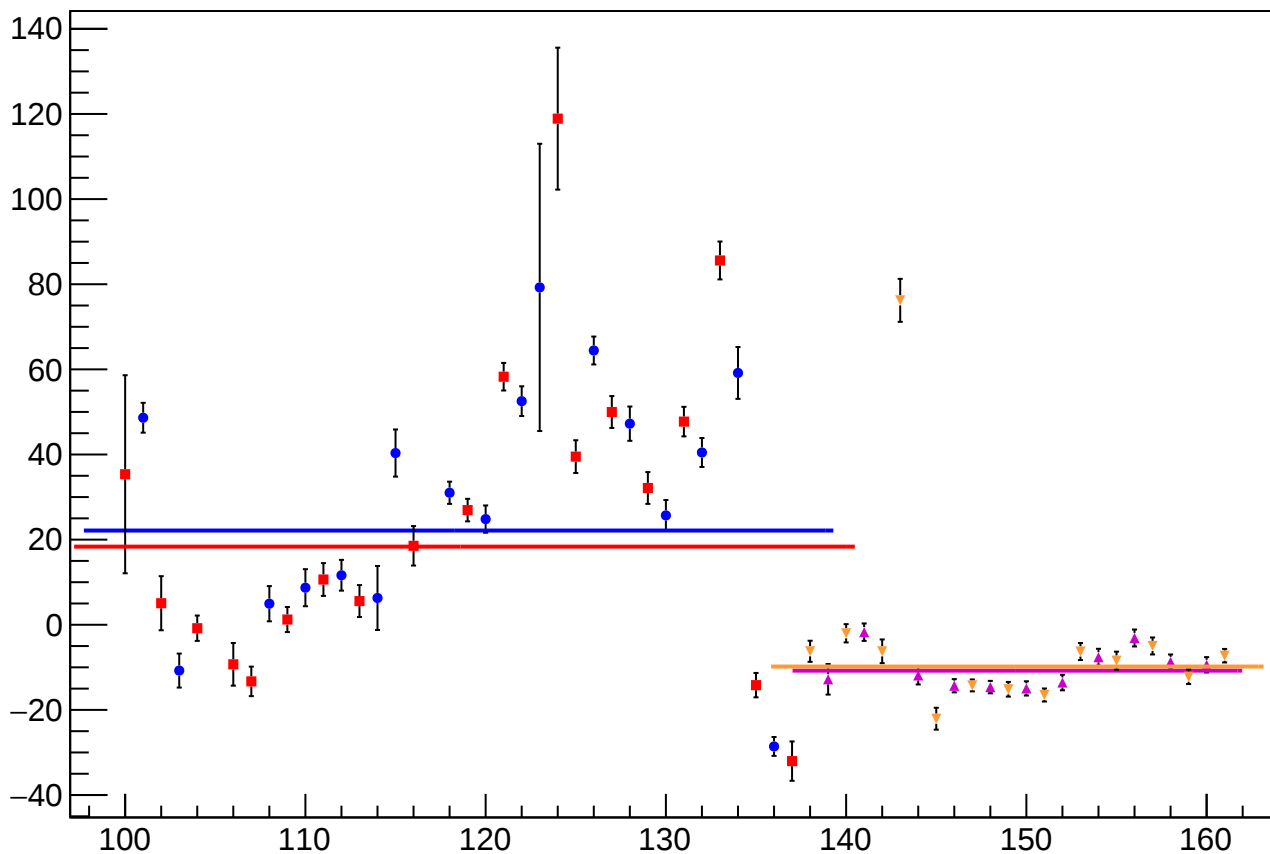
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 57.632 $\pm$ 0.602 χ^2 /NDF:4640.1/27

Out: 57.530 $\pm$ 0.589 χ^2 /NDF:6892.5/31

All: 57.580 $\pm$ 0.421 χ^2 /NDF: 11532.5/59

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -9.816 ± 0.540 $\chi^2/\text{NDF}: 382.6/12$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -10.776 ± 0.558 $\chi^2/\text{NDF}: 60.2/10$

Left: -10.281 ± 0.388 $\chi^2/\text{NDF}: 444.3/23$

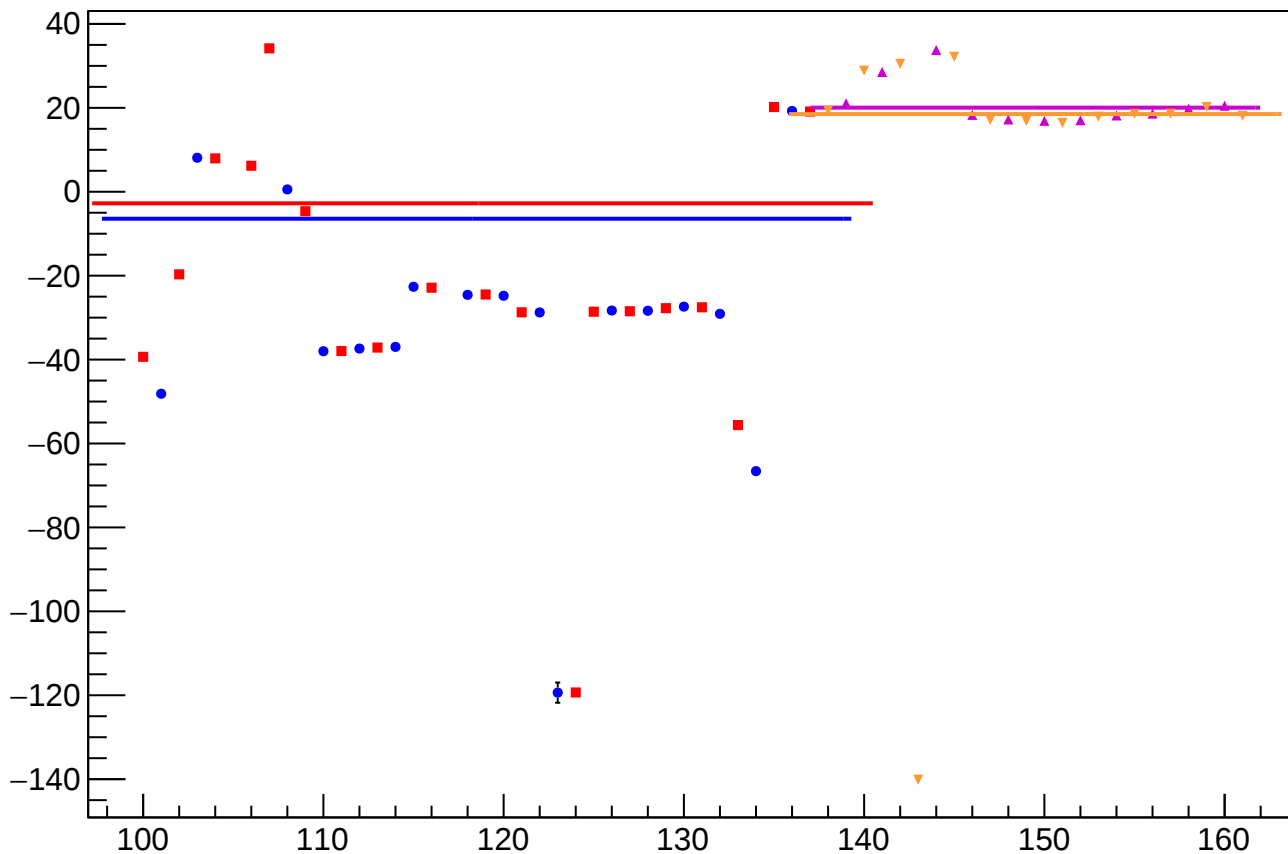
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.518 ± 0.473 $\chi^2/\text{NDF}: 2104.6/27$

Out: -1.994 ± 0.459 $\chi^2/\text{NDF}: 2208.4/31$

All: -1.763 ± 0.329 $\chi^2/\text{NDF}: 4313.6/59$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.515 ± 0.026 χ^2/NDF : 400143.3/12

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 20.046 ± 0.026 χ^2/NDF : 25893.5/10

Left: 19.270 ± 0.018 χ^2/NDF : 427812.7/23

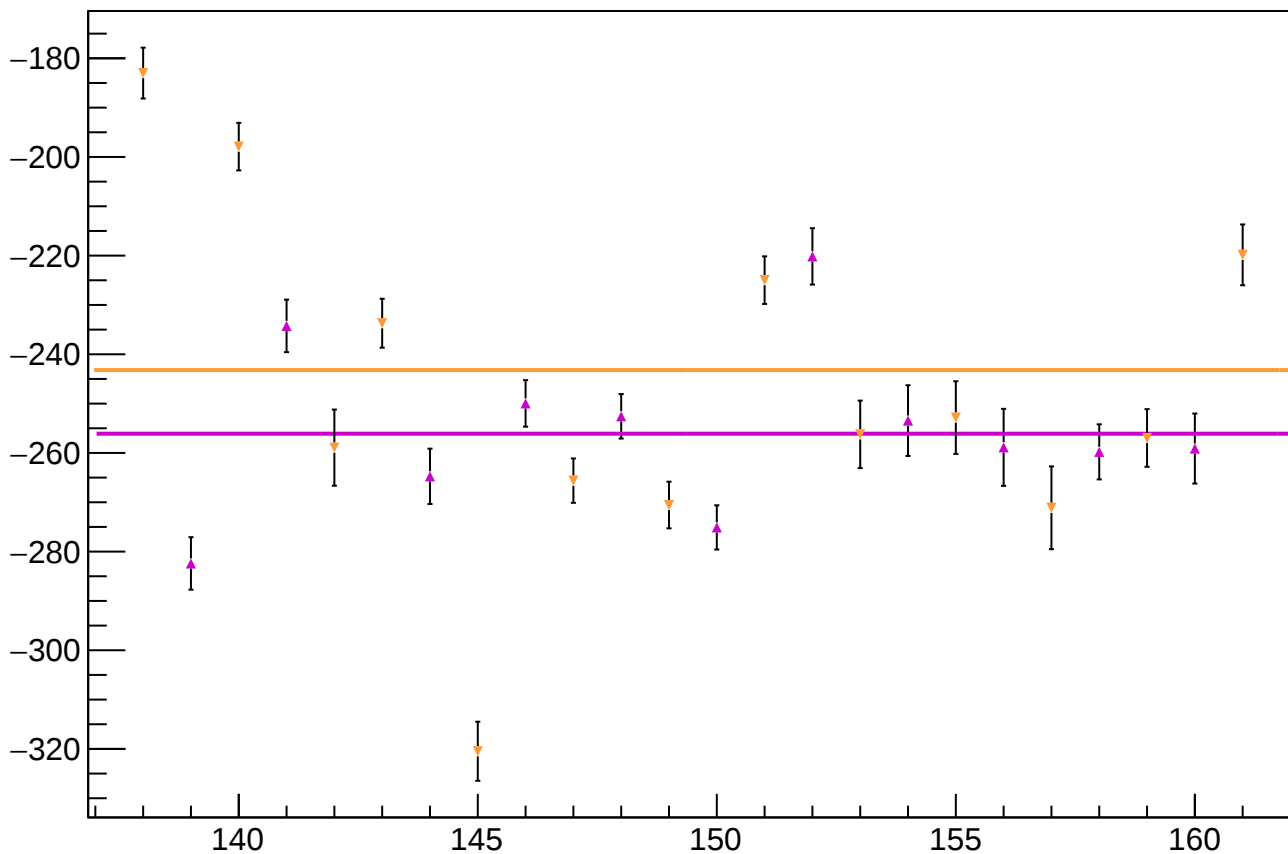
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 13.733 ± 0.023 χ^2/NDF : 540986.9/27

Out: 13.459 ± 0.022 χ^2/NDF : 831663.9/31

All: 13.595 ± 0.016 χ^2/NDF : 1372725.6/59

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -243.202+/-1.556 χ^2/NDF : 508.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.098+/-1.656 χ^2/NDF : 104.4/10

Left: -249.249+/-1.134 χ^2/NDF : 644.8/23

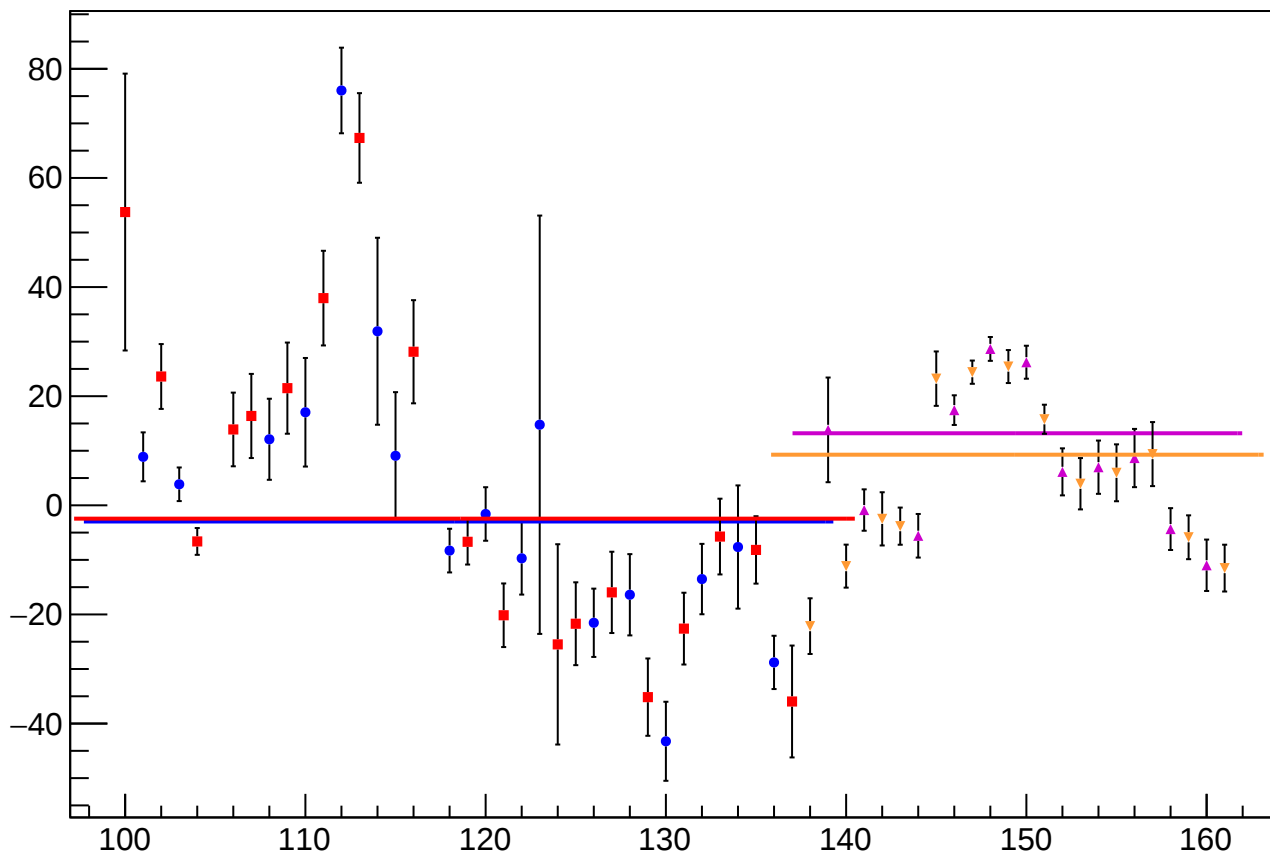
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.098+/-1.656 χ^2/NDF : 104.4/10

Out: -243.202+/-1.556 χ^2/NDF : 508.2/12

All: -249.249+/-1.134 χ^2/NDF : 644.8/23

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: 9.278 ± 1.016 χ^2/NDF : 217.4/12

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 13.205 ± 1.091 χ^2/NDF : 159.2/10

Left: 11.103 ± 0.743 χ^2/NDF : 383.6/23

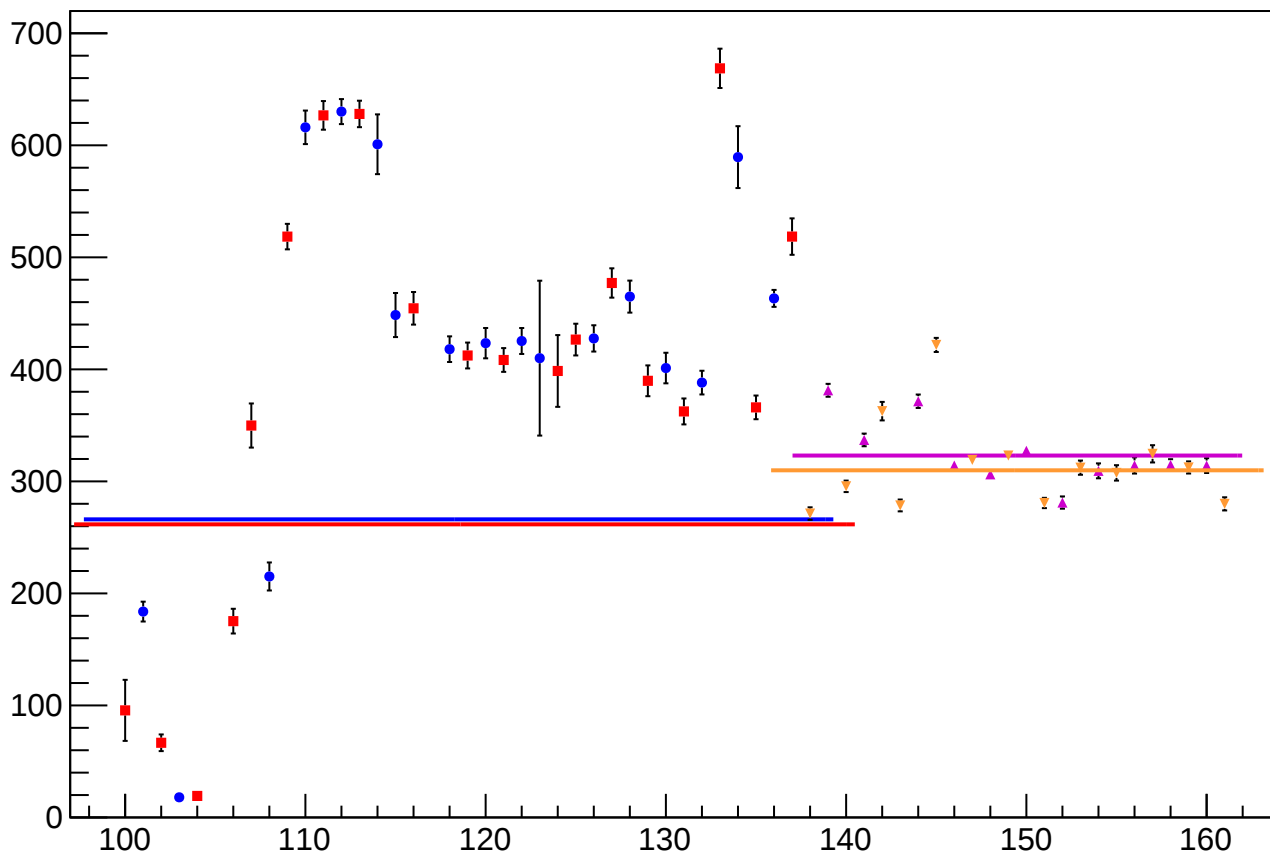
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 7.377 ± 0.872 χ^2/NDF : 442.0/27

Out: 5.222 ± 0.822 χ^2/NDF : 478.9/31

All: 6.235 ± 0.598 χ^2/NDF : 924.1/59

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: 309.881 $\pm$ 1.531 χ^2 /NDF: 532.1/12

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 323.063 $\pm$ 1.608 χ^2 /NDF: 263.2/10

Left: 316.147 $\pm$ 1.109 χ^2 /NDF: 830.6/23

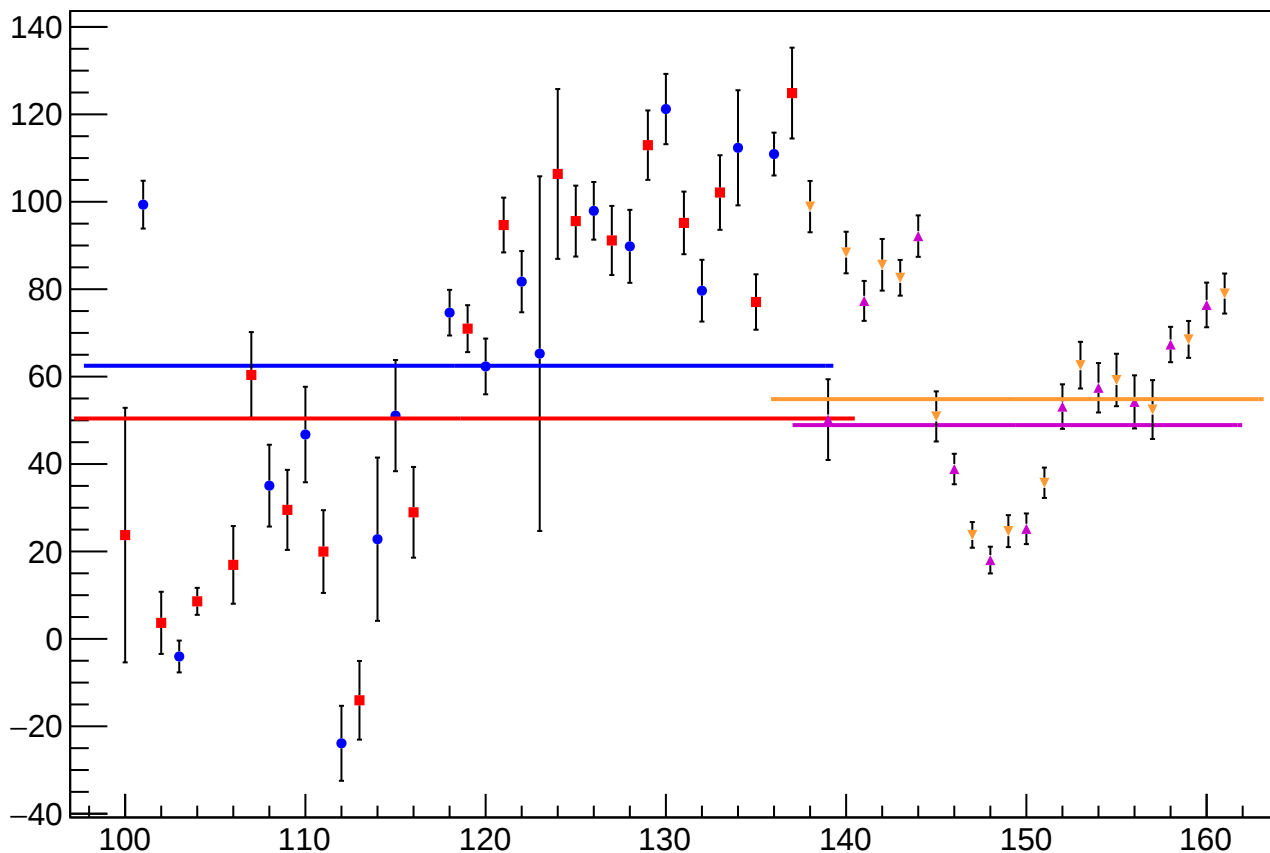
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 306.211 $\pm$ 1.349 χ^2 /NDF: 8278.4/27

Out: 296.392 $\pm$ 1.299 χ^2 /NDF: 9019.4/31

All: 301.115 $\pm$ 0.936 χ^2 /NDF: 17325.3/59

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2 /NDF: 720.8/16

Left Out: 54.850+/-1.236 χ^2 /NDF: 431.2/12

Right Out: 50.421+/-1.642 χ^2 /NDF: 651.4/18

Left In: 48.910+/-1.324 χ^2 /NDF: 331.2/10

Left: 52.083+/-0.903 χ^2 /NDF: 773.2/23

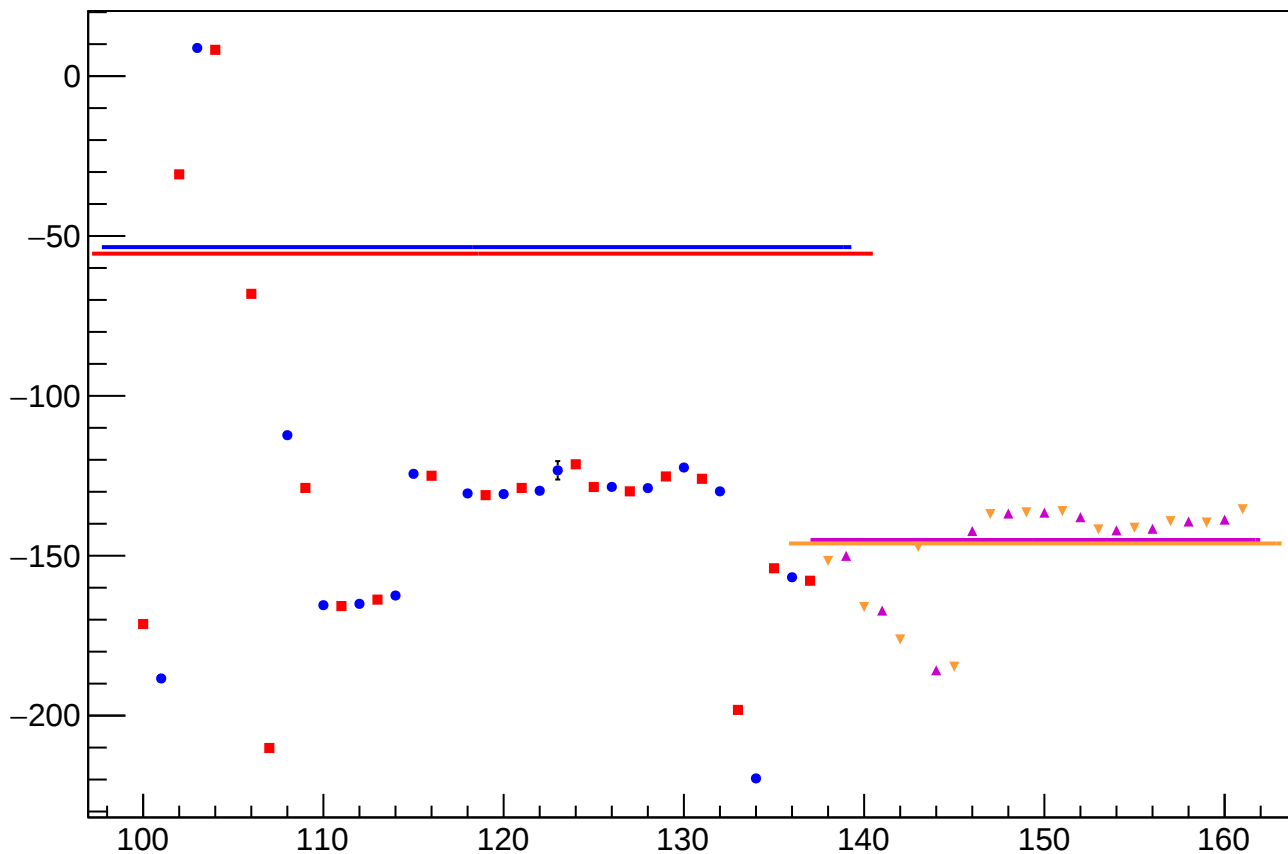
Right: 56.311+/-1.174 χ^2 /NDF: 1398.6/35

In: 54.106+/-1.040 χ^2 /NDF: 1092.3/27

Out: 53.248+/-0.987 χ^2 /NDF: 1087.3/31

All: 53.655+/-0.716 χ^2 /NDF: 2179.9/59

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: -146.166 ± 0.061 $\chi^2/\text{NDF}: 53057.0/12$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -145.073 ± 0.064 $\chi^2/\text{NDF}: 41607.8/10$

Left: -145.640 ± 0.044 $\chi^2/\text{NDF}: 94817.1/23$

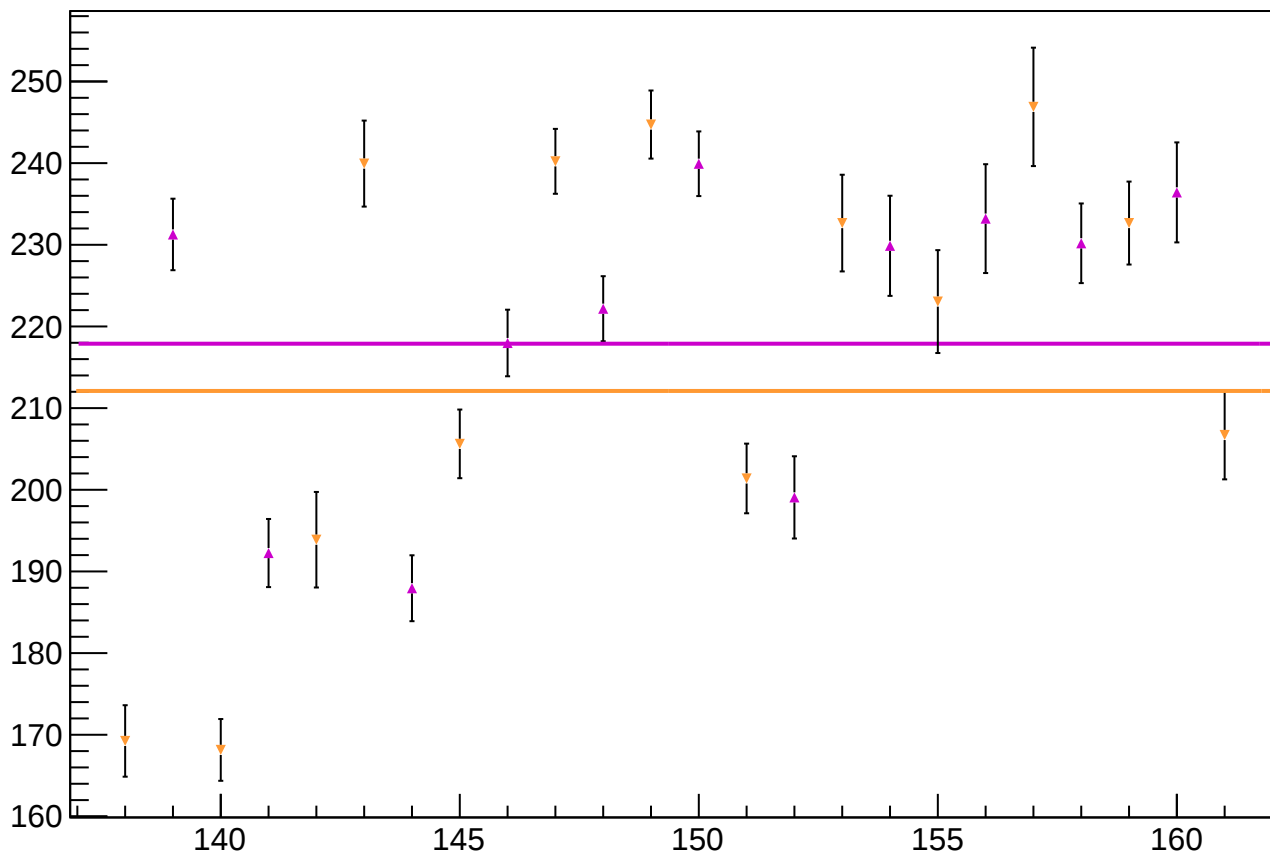
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -103.730 ± 0.047 $\chi^2/\text{NDF}: 2201360.4/27$

Out: -107.877 ± 0.047 $\chi^2/\text{NDF}: 1941047.4/31$

All: -105.826 ± 0.033 $\chi^2/\text{NDF}: 4146304.1/59$

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: 212.102+/-1.330 χ^2/NDF :444.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 217.888+/-1.393 χ^2/NDF :172.9/10

Left: 214.861+/-0.962 χ^2/NDF : 626.0/23

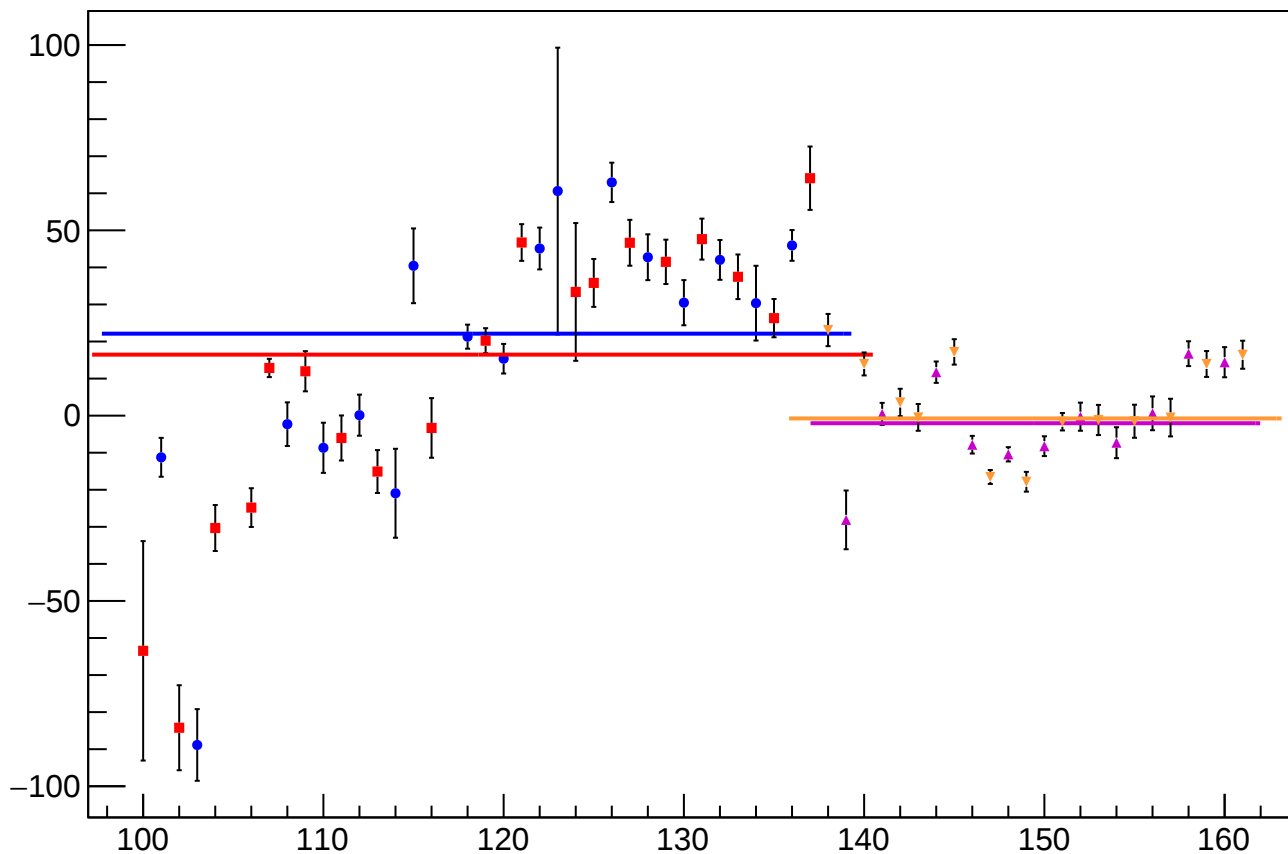
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.888+/-1.393 χ^2/NDF :172.9/10

Out: 212.102+/-1.330 χ^2/NDF :444.1/12

All: 214.861+/-0.962 χ^2/NDF : 626.0/23

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: -0.751+/-0.879 χ^2/NDF : 231.1/12

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: -2.045+/-0.929 χ^2/NDF : 114.4/10

Left: -1.362+/-0.638 χ^2/NDF : 346.5/23

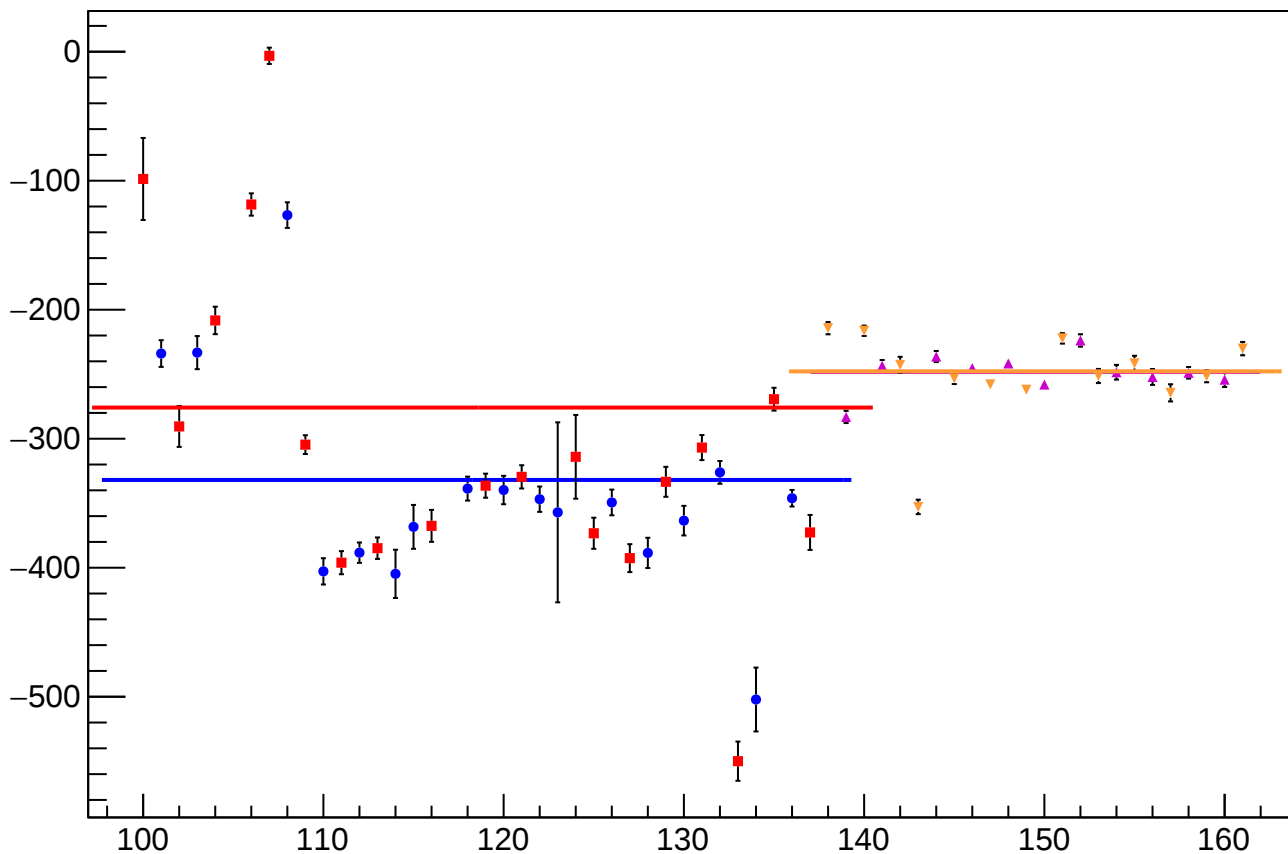
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 5.517+/-0.770 χ^2/NDF : 708.1/27

Out: 5.079+/-0.715 χ^2/NDF : 785.2/31

All: 5.282+/-0.524 χ^2/NDF : 1493.5/59

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -247.785 ± 1.314 χ^2/NDF : 543.5/12

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -248.215 ± 1.361 χ^2/NDF : 100.8/10

Left: -247.993 ± 0.945 χ^2/NDF : 644.3/23

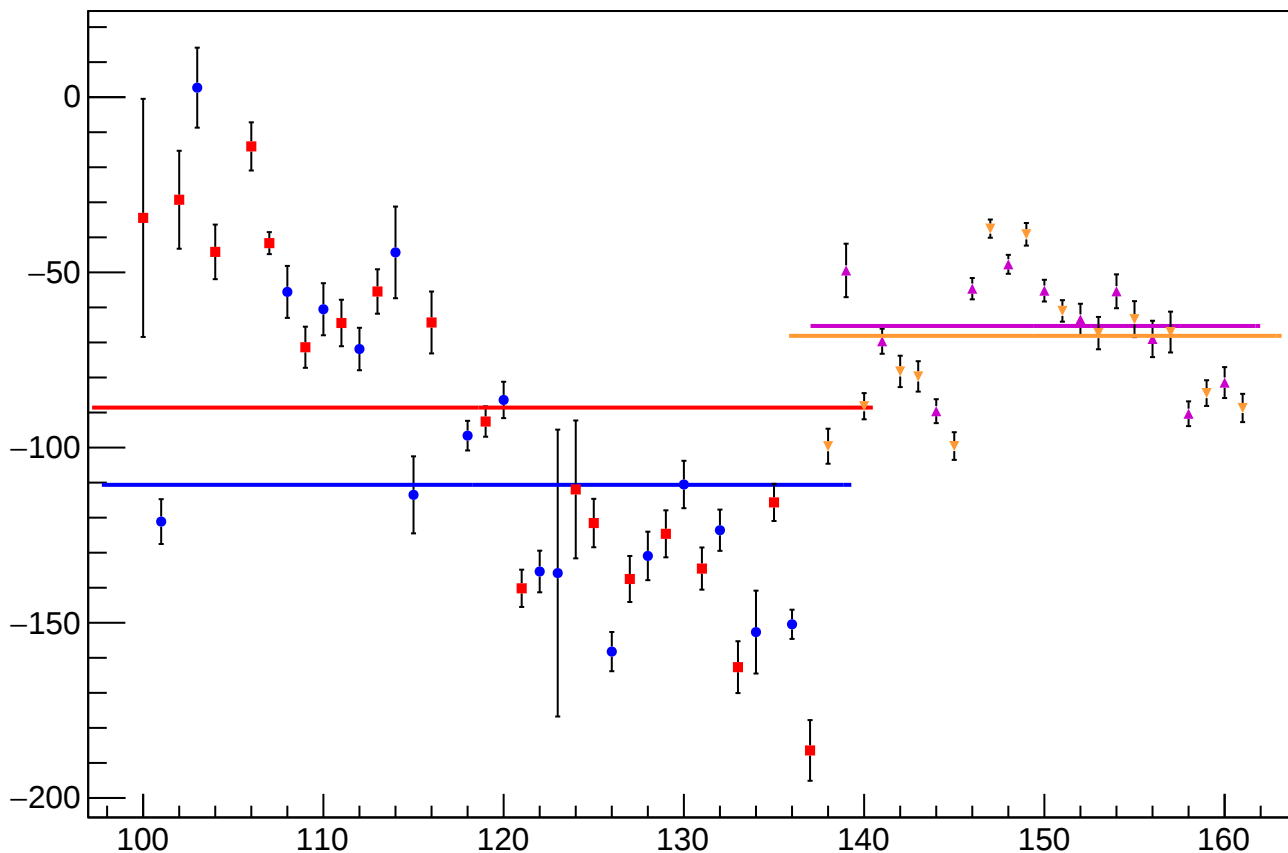
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -266.589 ± 1.203 χ^2/NDF : 1716.8/27

Out: -254.584 ± 1.143 χ^2/NDF : 4015.7/31

All: -260.284 ± 0.829 χ^2/NDF : 5784.9/59

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: -68.108+/-1.066 χ^2/NDF : 415.9/12

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -65.292+/-1.124 χ^2/NDF : 190.3/10

Left: -66.774+/-0.774 χ^2/NDF : 609.4/23

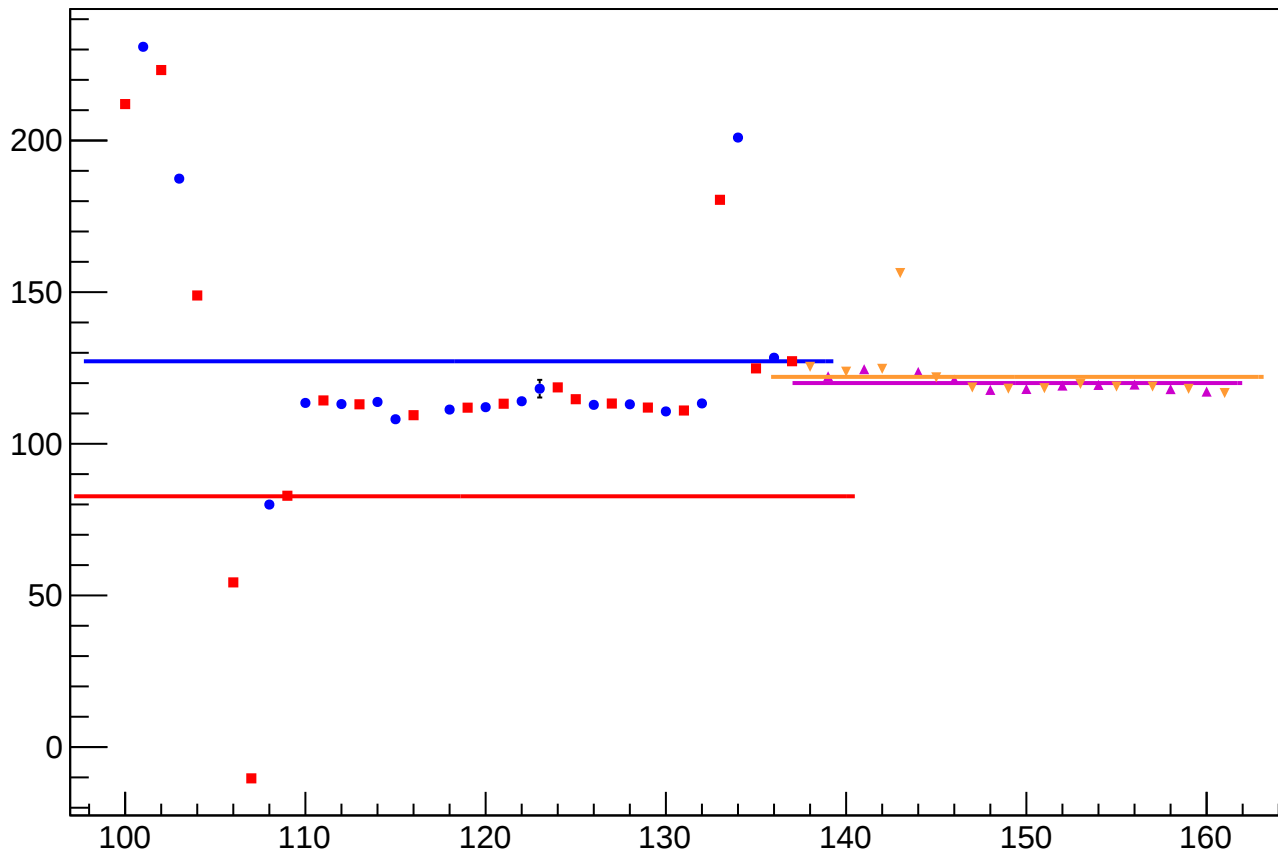
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -80.516+/-0.916 χ^2/NDF : 1245.4/27

Out: -75.406+/-0.856 χ^2/NDF : 1513.8/31

All: -77.787+/-0.625 χ^2/NDF : 2775.8/59

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: 122.064 $\pm$ 0.053 χ^2 /NDF: 26683.3/12

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.027 $\pm$ 0.054 χ^2 /NDF: 1965.1/10

Left: 121.071 $\pm$ 0.038 χ^2 /NDF: 29376.3/23

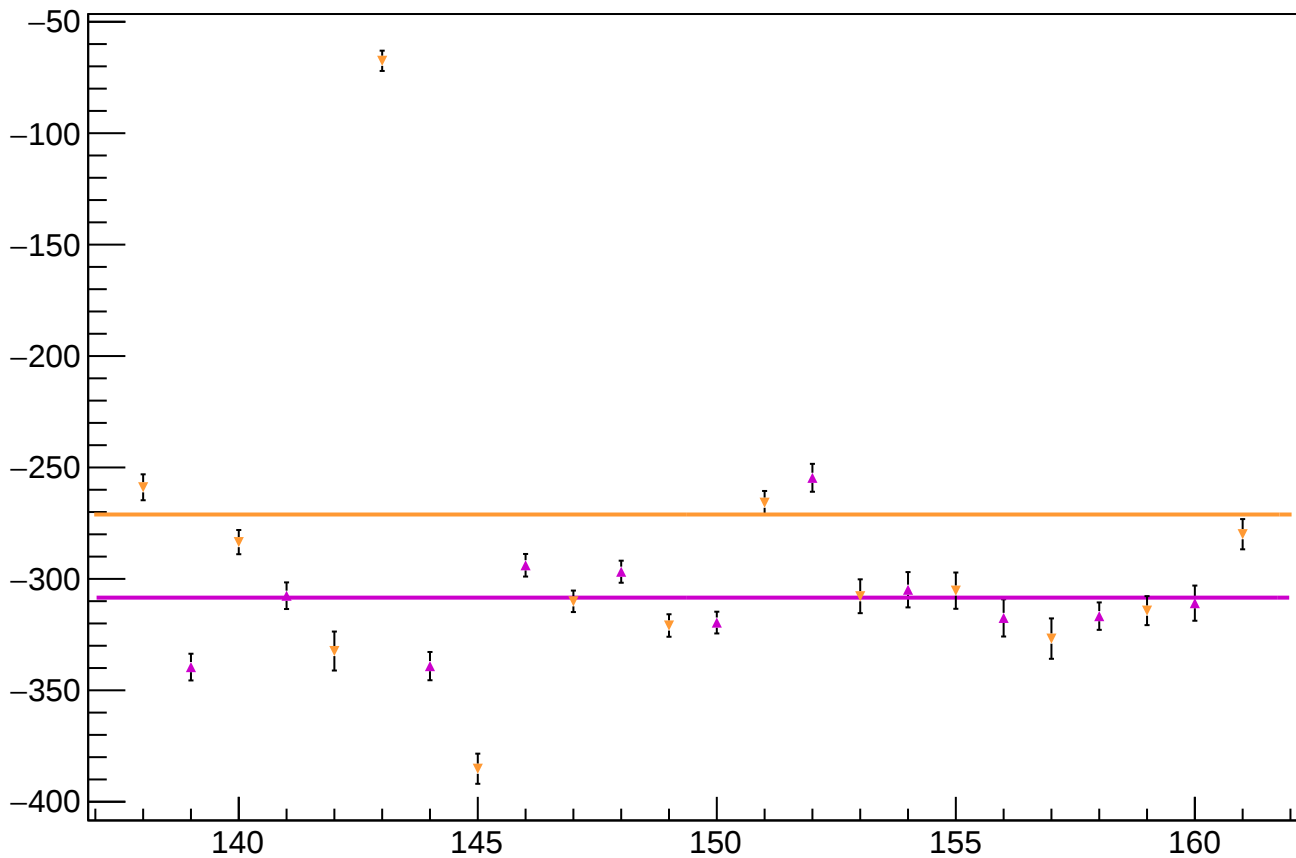
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.956 $\pm$ 0.046 χ^2 /NDF: 194732.8/27

Out: 109.114 $\pm$ 0.043 χ^2 /NDF: 975969.4/31

All: 115.100 $\pm$ 0.032 χ^2 /NDF: 1211939.1/59

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: -271.107+/-1.679 χ^2/NDF :2633.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -308.411+/-1.823 χ^2/NDF :146.6/10

Left: -288.221+/-1.235 χ^2/NDF : 3006.8/23

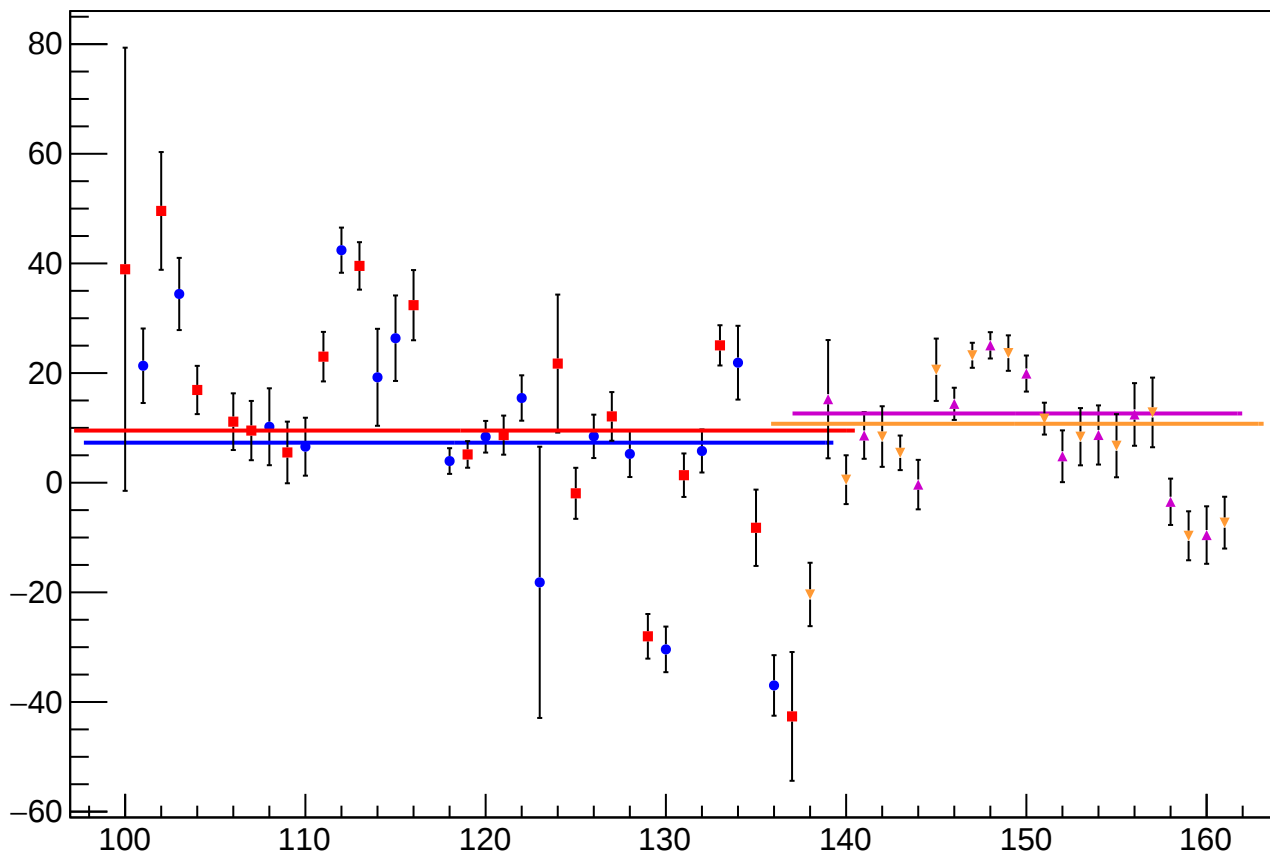
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -308.411+/-1.823 χ^2/NDF :146.6/10

Out: -271.107+/-1.679 χ^2/NDF :2633.7/12

All: -288.221+/-1.235 χ^2/NDF : 3006.8/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 10.751 ± 1.093 $\chi^2/\text{NDF}: 122.4/12$

Right Out: 9.513 ± 1.073 $\chi^2/\text{NDF}: 231.7/18$

Left In: 12.628 ± 1.198 $\chi^2/\text{NDF}: 76.9/10$

Left: 11.604 ± 0.807 $\chi^2/\text{NDF}: 200.7/23$

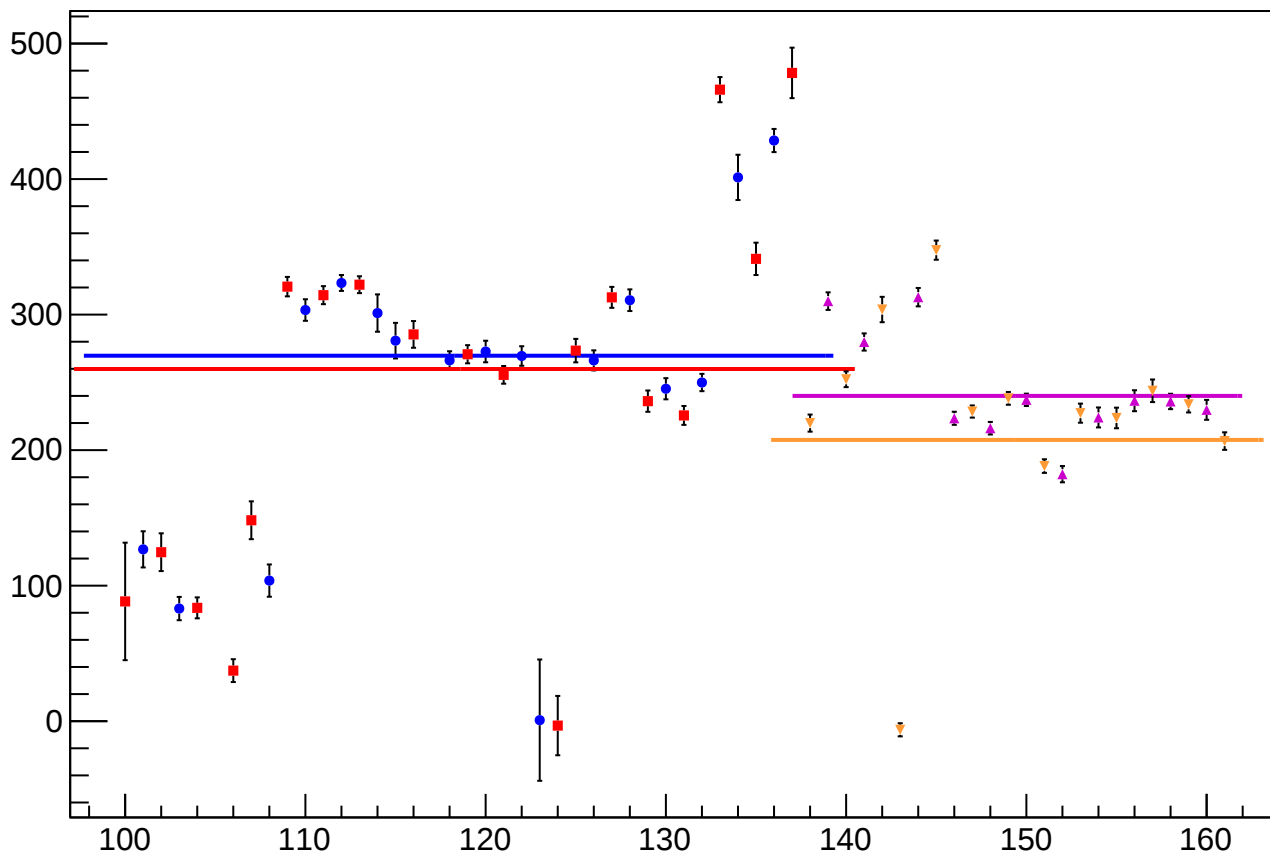
Right: 8.421 ± 0.763 $\chi^2/\text{NDF}: 494.4/35$

In: 9.704 ± 0.804 $\chi^2/\text{NDF}: 348.4/27$

Out: 10.120 ± 0.766 $\chi^2/\text{NDF}: 354.8/31$

All: 9.922 ± 0.555 $\chi^2/\text{NDF}: 703.3/59$

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: 207.547 $\pm$ 1.653 χ^2 /NDF:2631.5/12

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 240.019 $\pm$ 1.768 χ^2 /NDF:409.1/10

Left: 222.696 $\pm$ 1.208 χ^2 /NDF: 3220.6/23

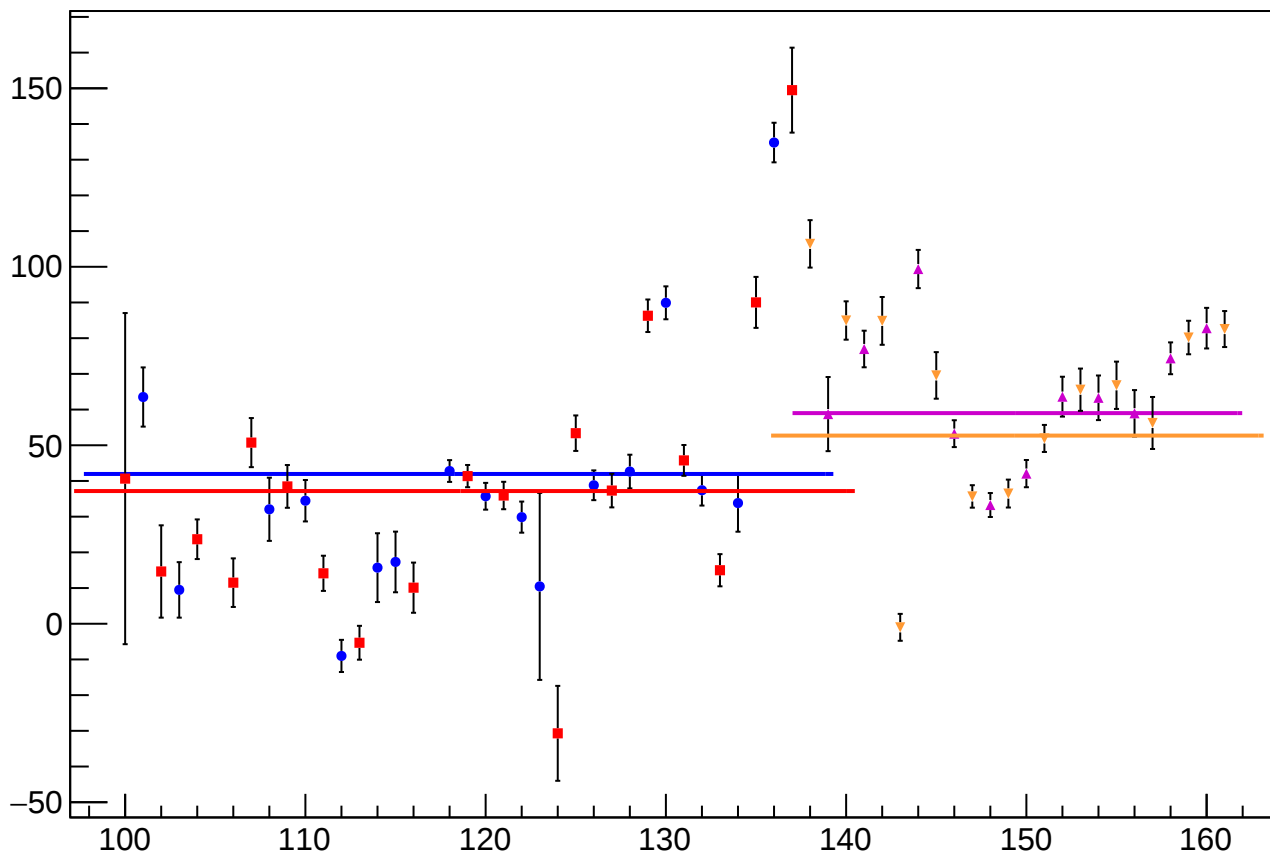
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 252.480 $\pm$ 1.346 χ^2 /NDF:1903.9/27

Out: 229.083 $\pm$ 1.268 χ^2 /NDF:5587.4/31

All: 240.086 $\pm$ 0.923 χ^2 /NDF: 7651.4/59

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: 52.712 $\pm$ 1.331 χ^2 /NDF:459.5/12

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 59.006 $\pm$ 1.454 χ^2 /NDF:180.5/10

Left: 55.582 $\pm$ 0.982 χ^2 /NDF: 650.2/23

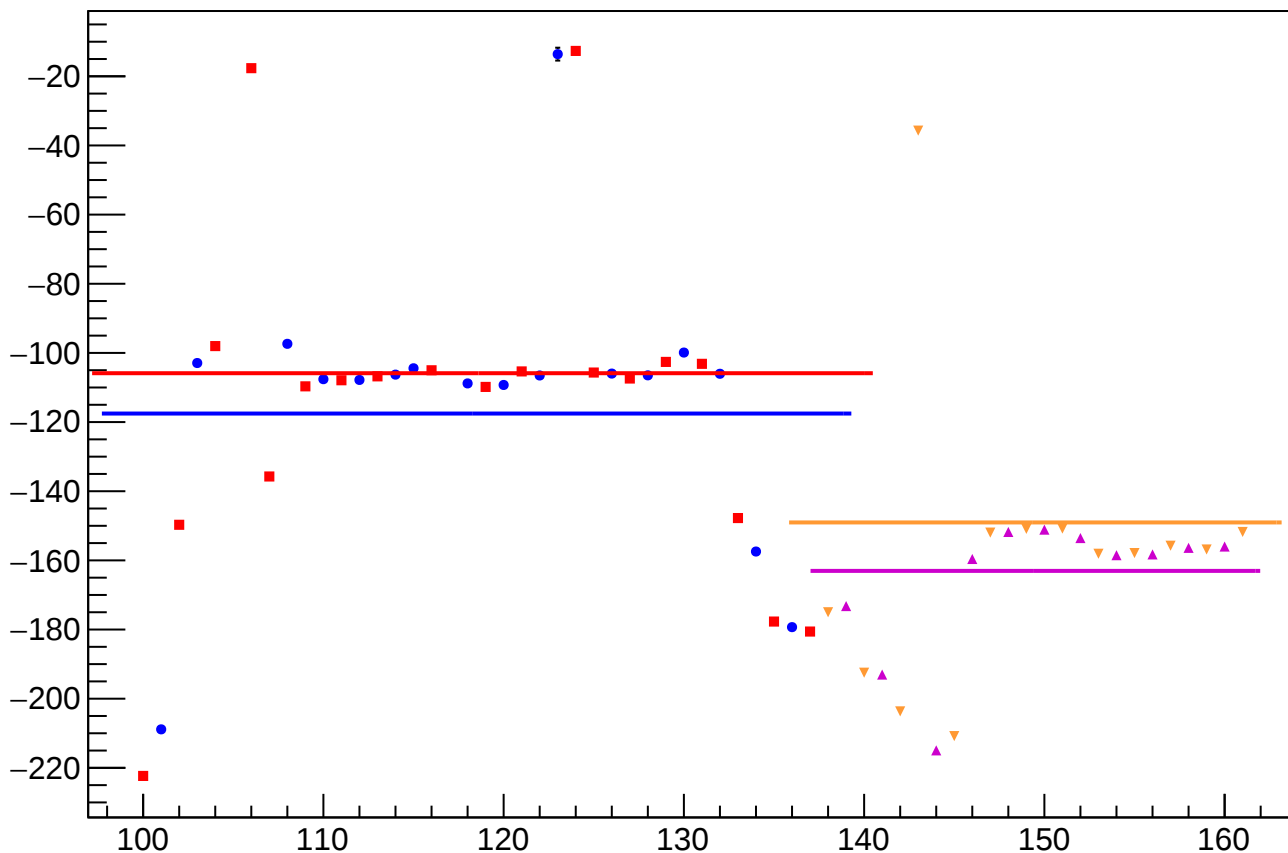
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 49.257 $\pm$ 0.951 χ^2 /NDF:833.3/27

Out: 44.365 $\pm$ 0.906 χ^2 /NDF:1003.6/31

All: 46.690 $\pm$ 0.656 χ^2 /NDF: 1850.8/59

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -149.027+/-0.066 χ^2/NDF : 452852.7/12

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -163.039+/-0.070 χ^2/NDF : 57330.1/10

Left: -155.655+/-0.048 χ^2/NDF : 531194.8/23

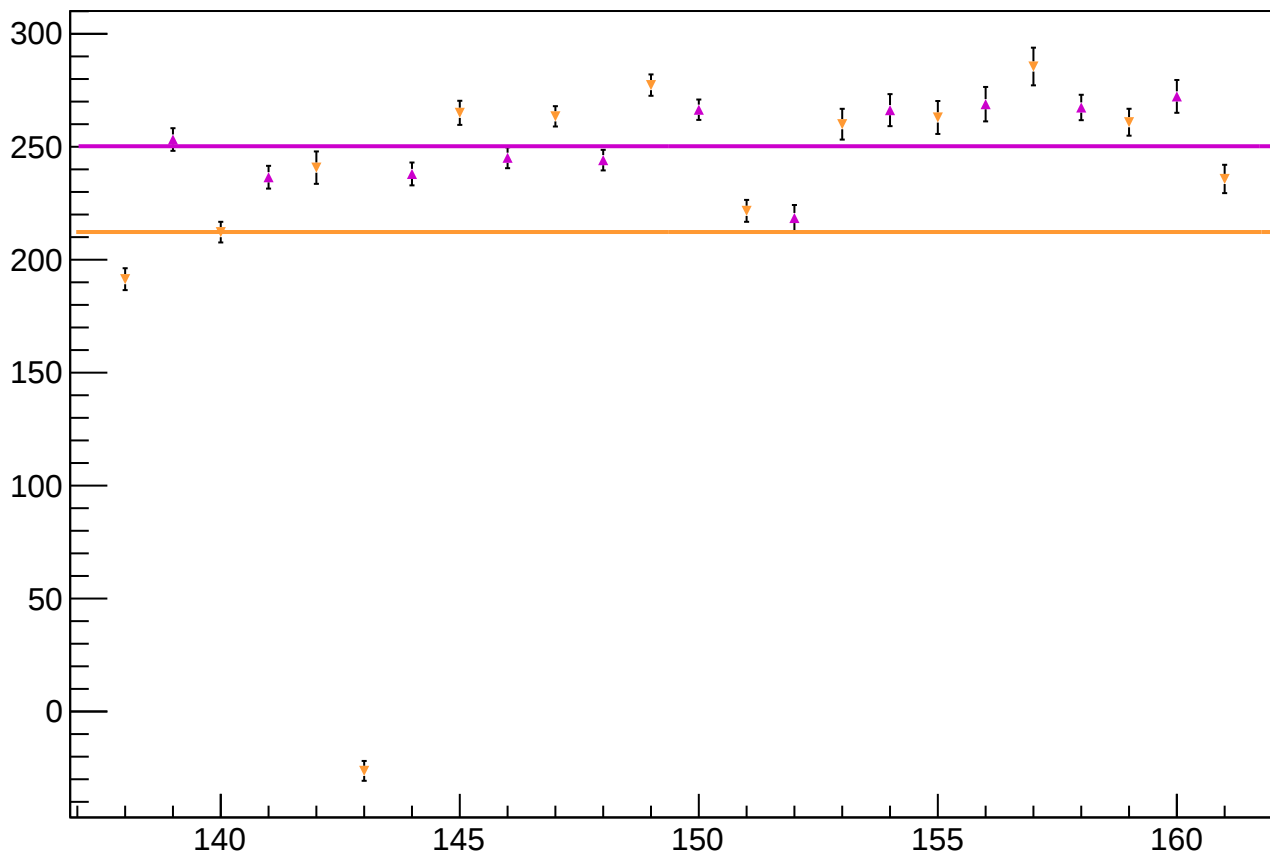
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -142.718+/-0.052 χ^2/NDF : 387146.2/27

Out: -129.394+/-0.049 χ^2/NDF : 968888.6/31

All: -135.646+/-0.036 χ^2/NDF : 1390611.7/59

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: 212.266+/-1.505 χ^2/NDF :3655.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 250.241+/-1.622 χ^2/NDF :89.6/10

Left: 229.836+/-1.103 χ^2/NDF : 4039.8/23

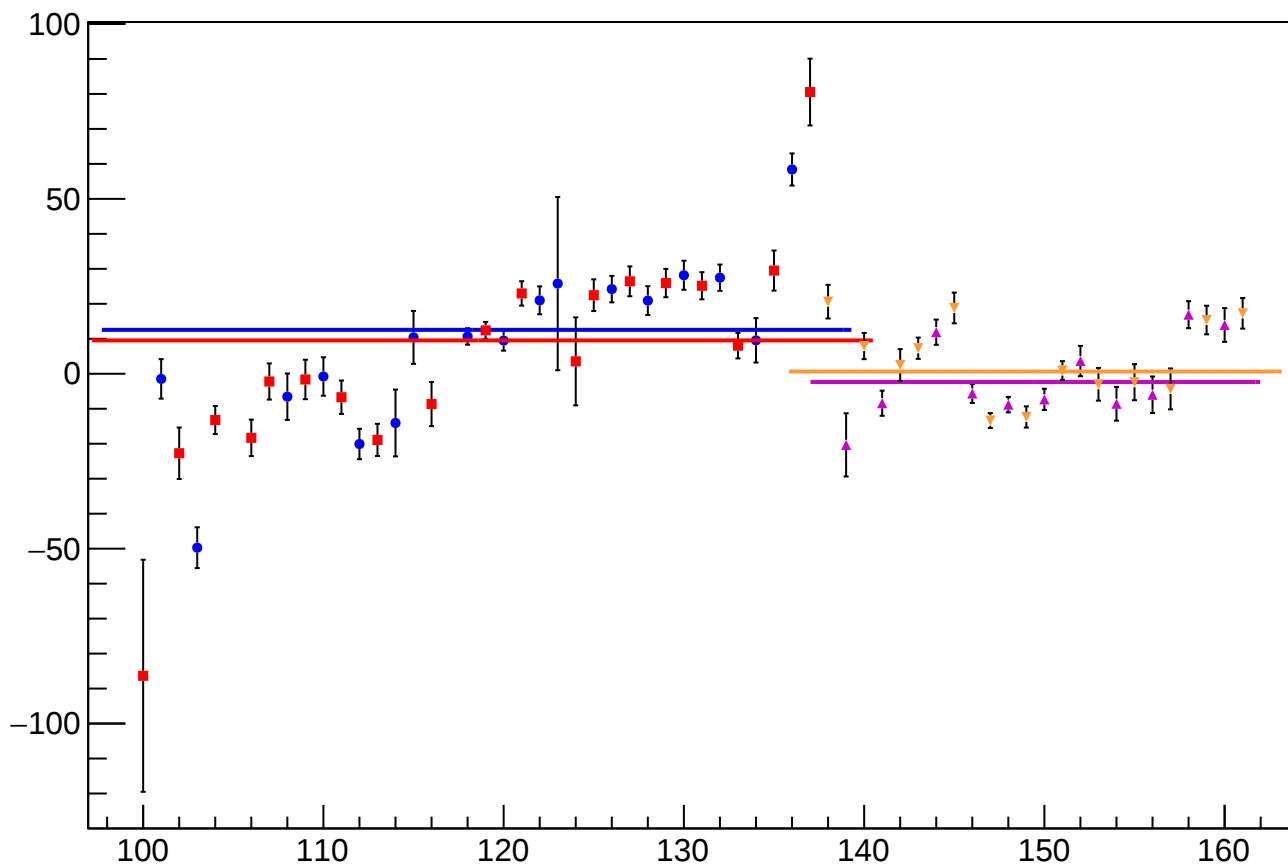
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.241+/-1.622 χ^2/NDF :89.6/10

Out: 212.266+/-1.505 χ^2/NDF :3655.5/12

All: 229.836+/-1.103 χ^2/NDF : 4039.8/23

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: 0.641+/-0.992 χ^2/NDF :133.9/12

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -2.359+/-1.078 χ^2/NDF :75.4/10

Left: -0.734+/-0.730 χ^2/NDF : 213.5/23

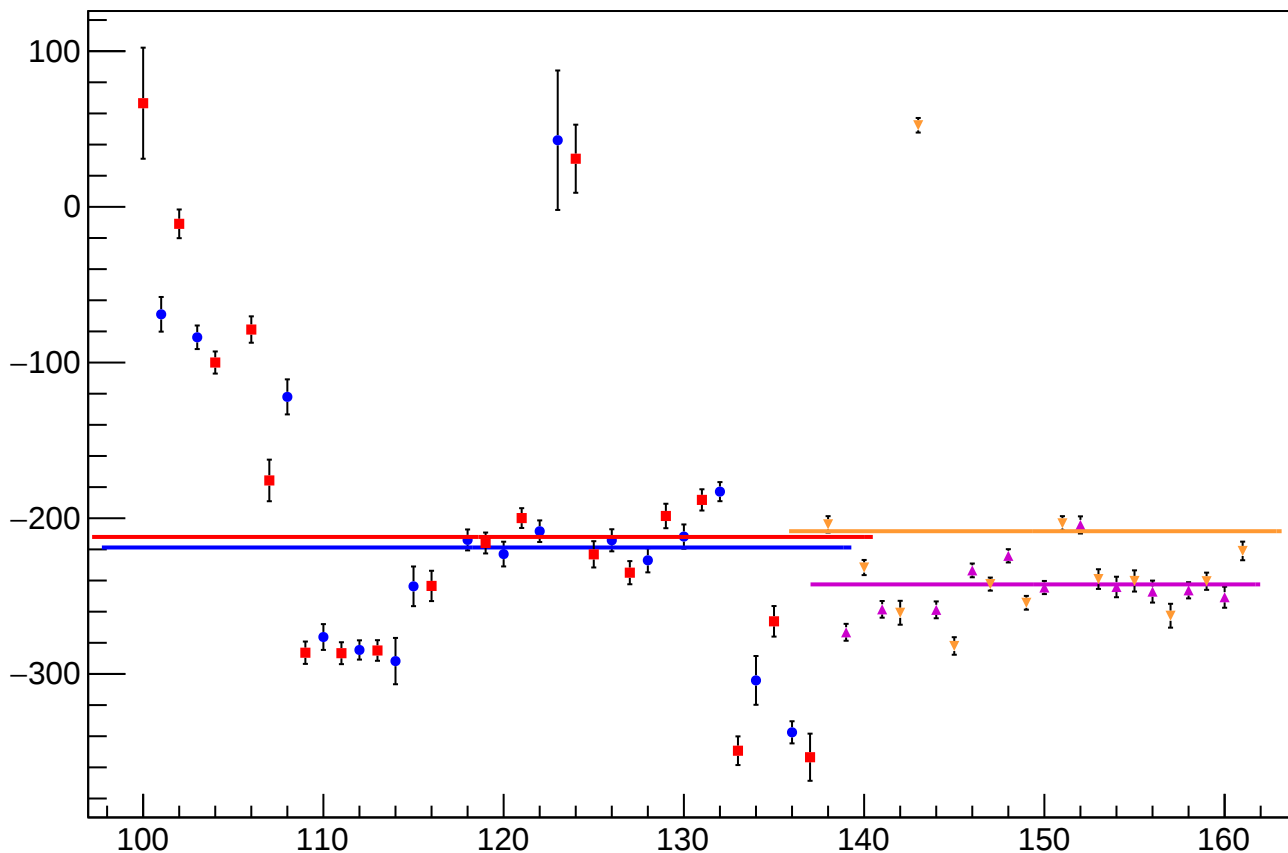
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.247+/-0.755 χ^2/NDF :521.5/27

Out: 4.842+/-0.721 χ^2/NDF :467.6/31

All: 5.035+/-0.521 χ^2/NDF : 989.3/59

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: -208.320 ± 1.488 $\chi^2/\text{NDF}: 3642.9/12$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -242.486 ± 1.581 $\chi^2/\text{NDF}: 123.6/10$

Left: -224.377 ± 1.084 $\chi^2/\text{NDF}: 4014.1/23$

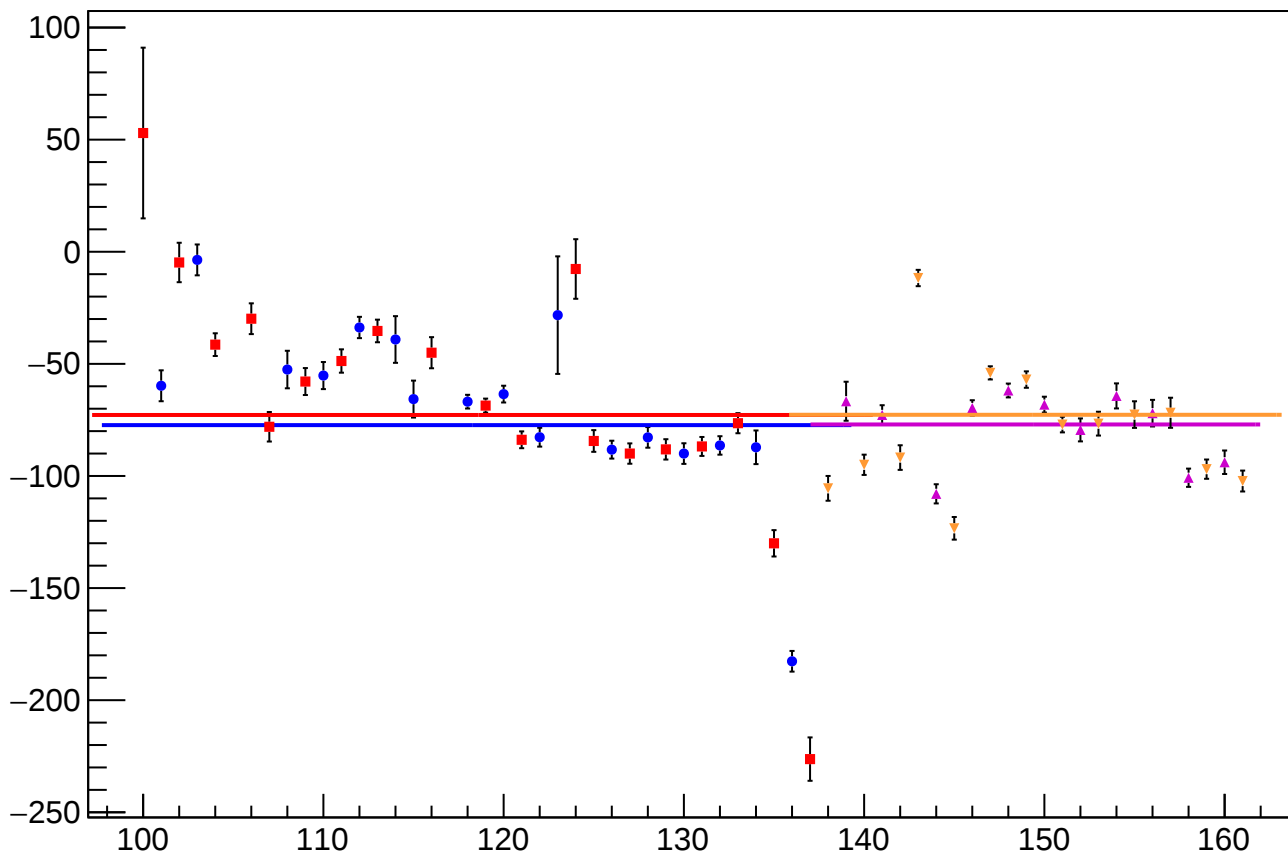
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -233.425 ± 1.243 $\chi^2/\text{NDF}: 1354.0/27$

Out: -209.700 ± 1.177 $\chi^2/\text{NDF}: 5530.8/31$

All: -220.922 ± 0.855 $\chi^2/\text{NDF}: 7077.0/59$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -72.714 ± 1.205 $\chi^2/\text{NDF}: 585.6/12$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -77.028 ± 1.307 $\chi^2/\text{NDF}: 140.1/10$

Left: -74.697 ± 0.886 $\chi^2/\text{NDF}: 731.6/23$

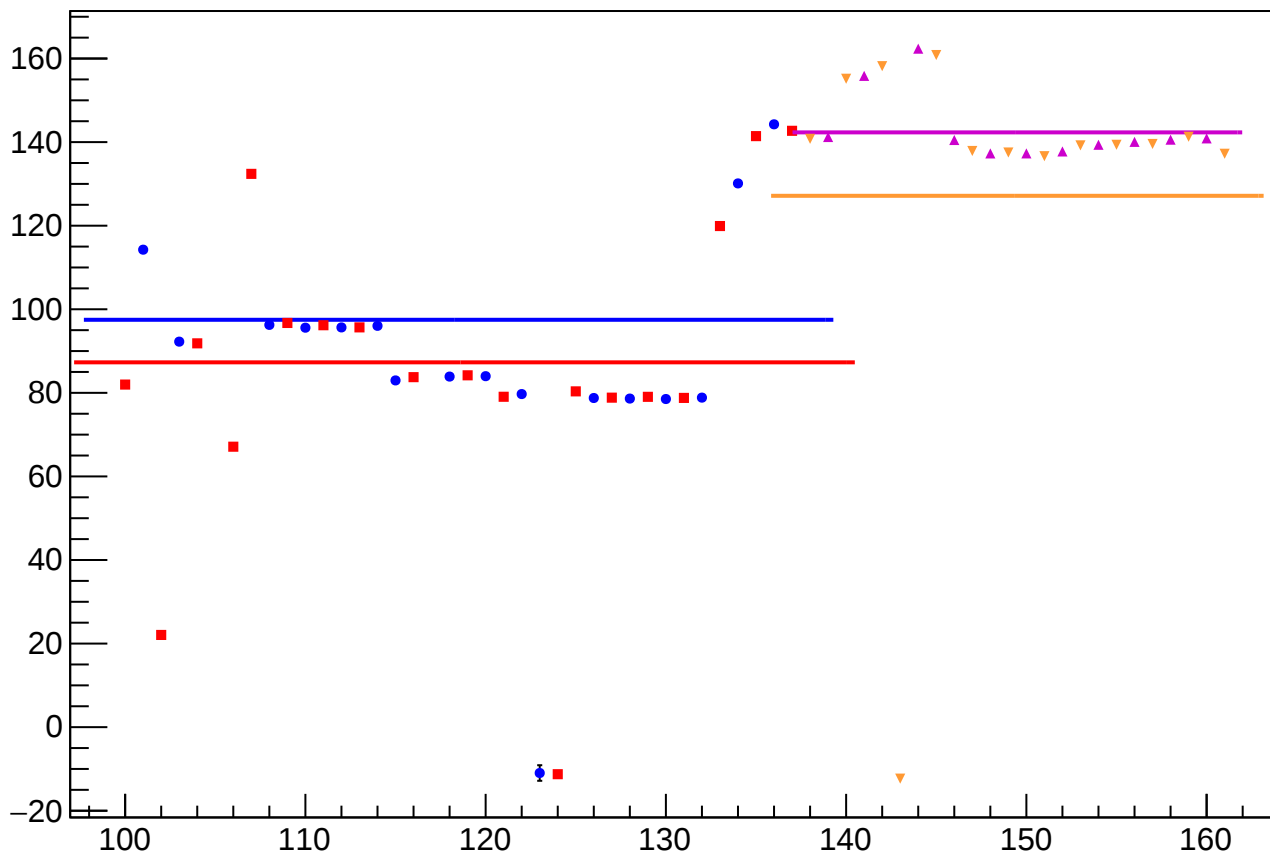
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -77.183 ± 0.893 $\chi^2/\text{NDF}: 957.8/27$

Out: -72.755 ± 0.853 $\chi^2/\text{NDF}: 1257.3/31$

All: -74.869 ± 0.617 $\chi^2/\text{NDF}: 2228.0/59$

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: 127.152+/-0.060 χ^2/NDF : 626903.9/12

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.328+/-0.063 χ^2/NDF : 13537.9/10

Left: 134.378+/-0.043 χ^2/NDF : 671128.8/23

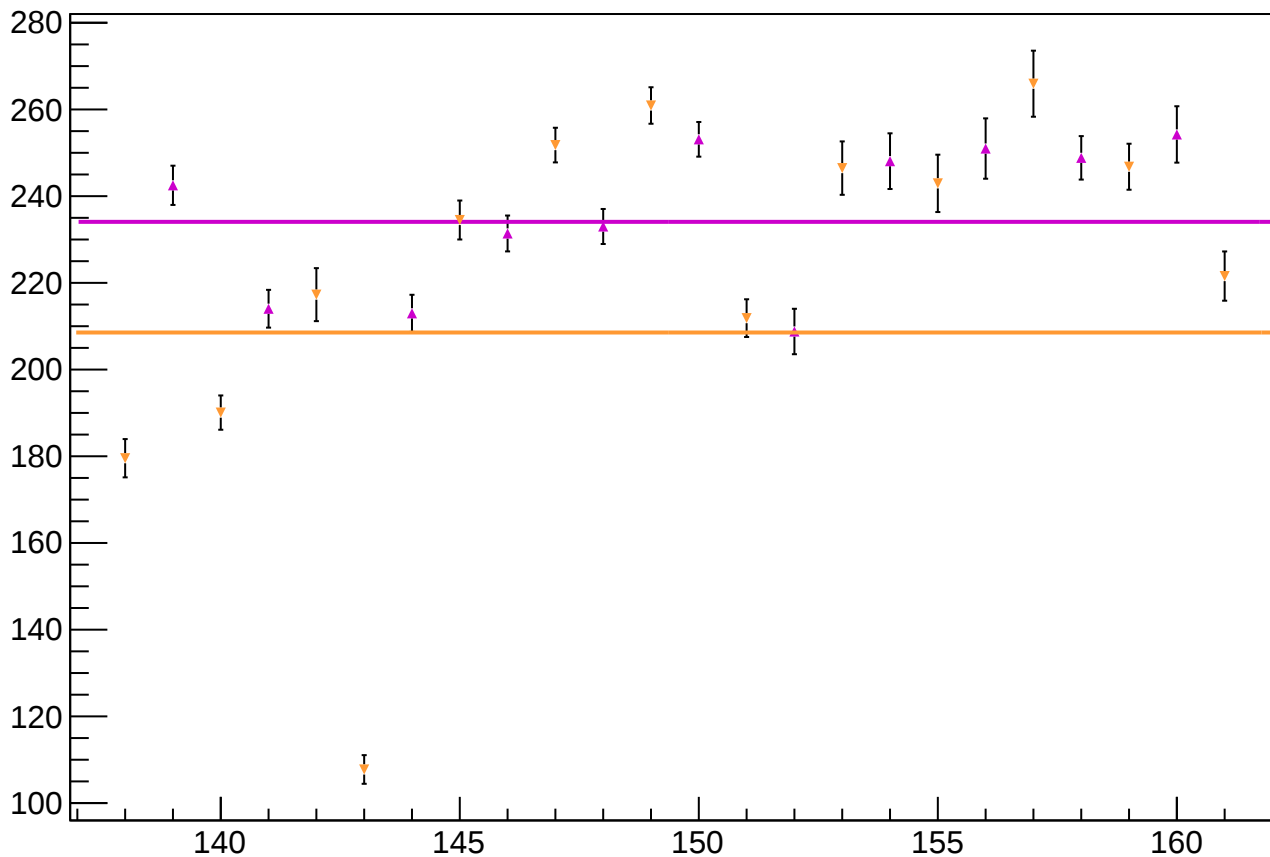
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 123.399+/-0.048 χ^2/NDF : 323849.2/27

Out: 109.843+/-0.045 χ^2/NDF : 1041836.2/31

All: 116.225+/-0.033 χ^2/NDF : 1408483.4/59

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: 208.550+/-1.304 χ^2/NDF :1481.0/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.075+/-1.439 χ^2/NDF :124.3/10

Left: 220.064+/-0.966 χ^2/NDF : 1778.0/23

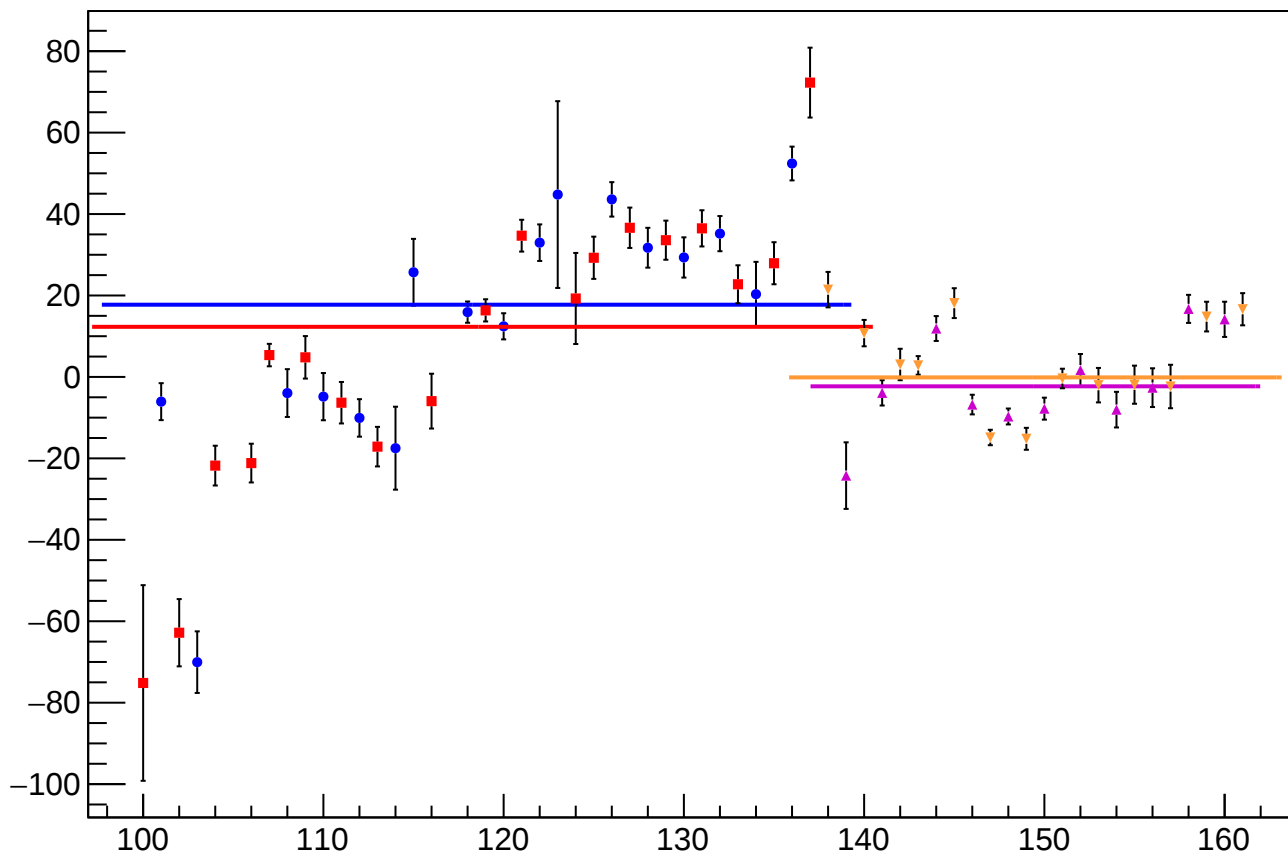
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.075+/-1.439 χ^2/NDF :124.3/10

Out: 208.550+/-1.304 χ^2/NDF :1481.0/12

All: 220.064+/-0.966 χ^2/NDF : 1778.0/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -0.115 ± 0.861 $\chi^2/\text{NDF}: 190.2/12$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -2.308 ± 0.956 $\chi^2/\text{NDF}: 98.7/10$

Left: -1.098 ± 0.640 $\chi^2/\text{NDF}: 291.8/23$

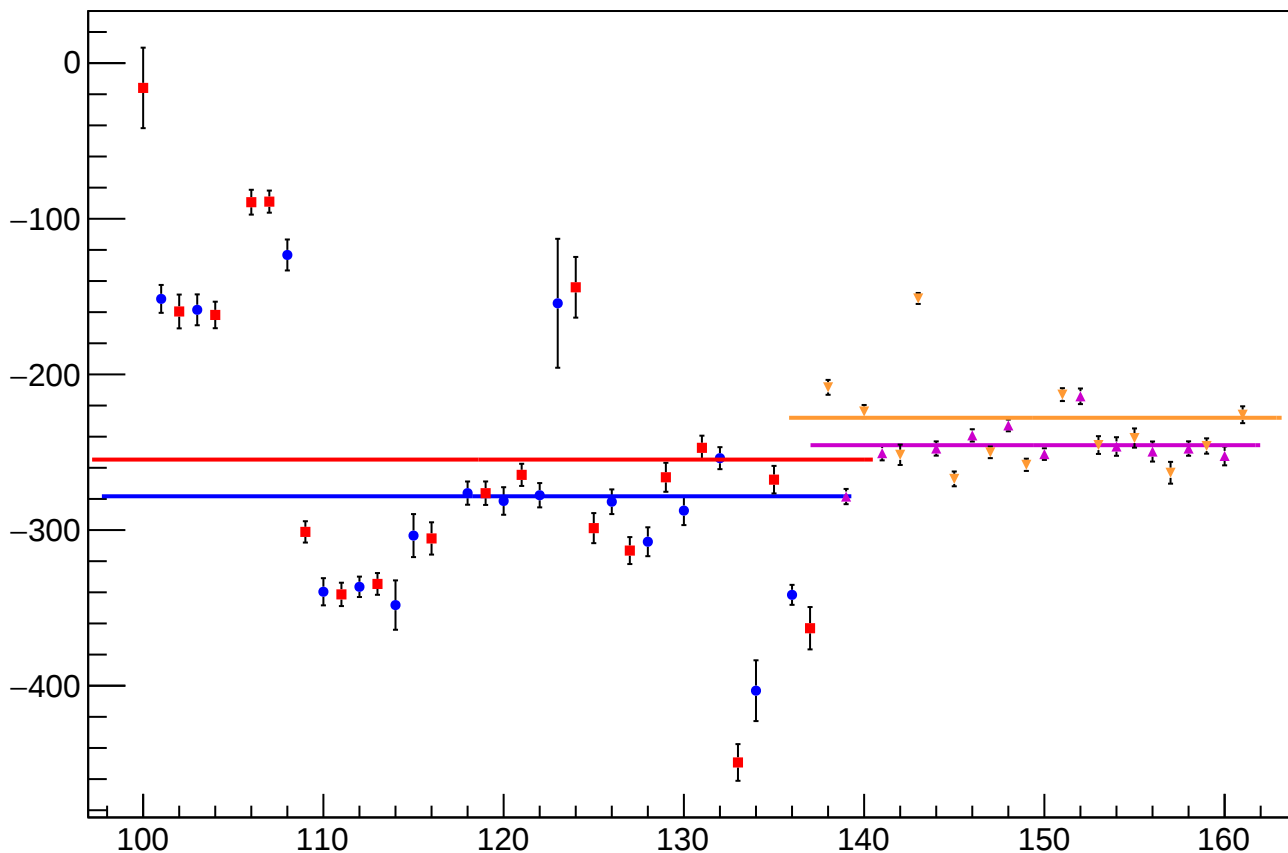
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.894 ± 0.735 $\chi^2/\text{NDF}: 672.6/27$

Out: 4.690 ± 0.674 $\chi^2/\text{NDF}: 713.1/31$

All: 5.240 ± 0.497 $\chi^2/\text{NDF}: 1387.2/59$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 $\pm$ 2.172 χ^2 /NDF: 910.0/16

Left Out: -227.861 $\pm$ 1.296 χ^2 /NDF:731.8/12

Right Out: -254.713 $\pm$ 2.019 χ^2 /NDF: 2038.0/18

Left In: -245.465 $\pm$ 1.405 χ^2 /NDF:104.1/10

Left: -235.957 $\pm$ 0.953 χ^2 /NDF: 920.7/23

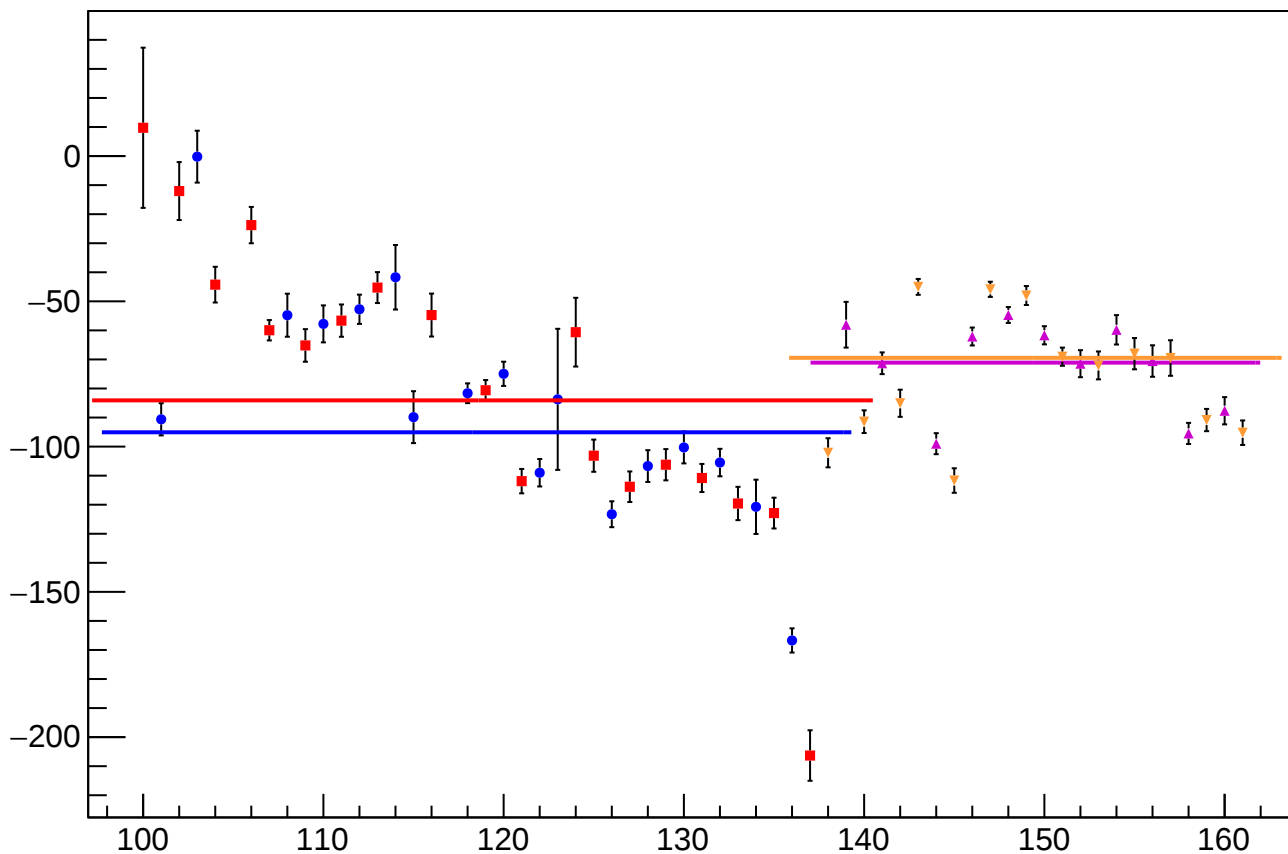
Right: -265.641 $\pm$ 1.479 χ^2 /NDF: 3011.2/35

In: -255.144 $\pm$ 1.179 χ^2 /NDF:1175.1/27

Out: -235.700 $\pm$ 1.091 χ^2 /NDF:2895.1/31

All: -244.663 $\pm$ 0.801 χ^2 /NDF: 4216.7/59

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -69.448 ± 1.046 $\chi^2/\text{NDF}: 459.2/12$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -71.100 ± 1.159 $\chi^2/\text{NDF}: 178.0/10$

Left: -70.190 ± 0.777 $\chi^2/\text{NDF}: 638.3/23$

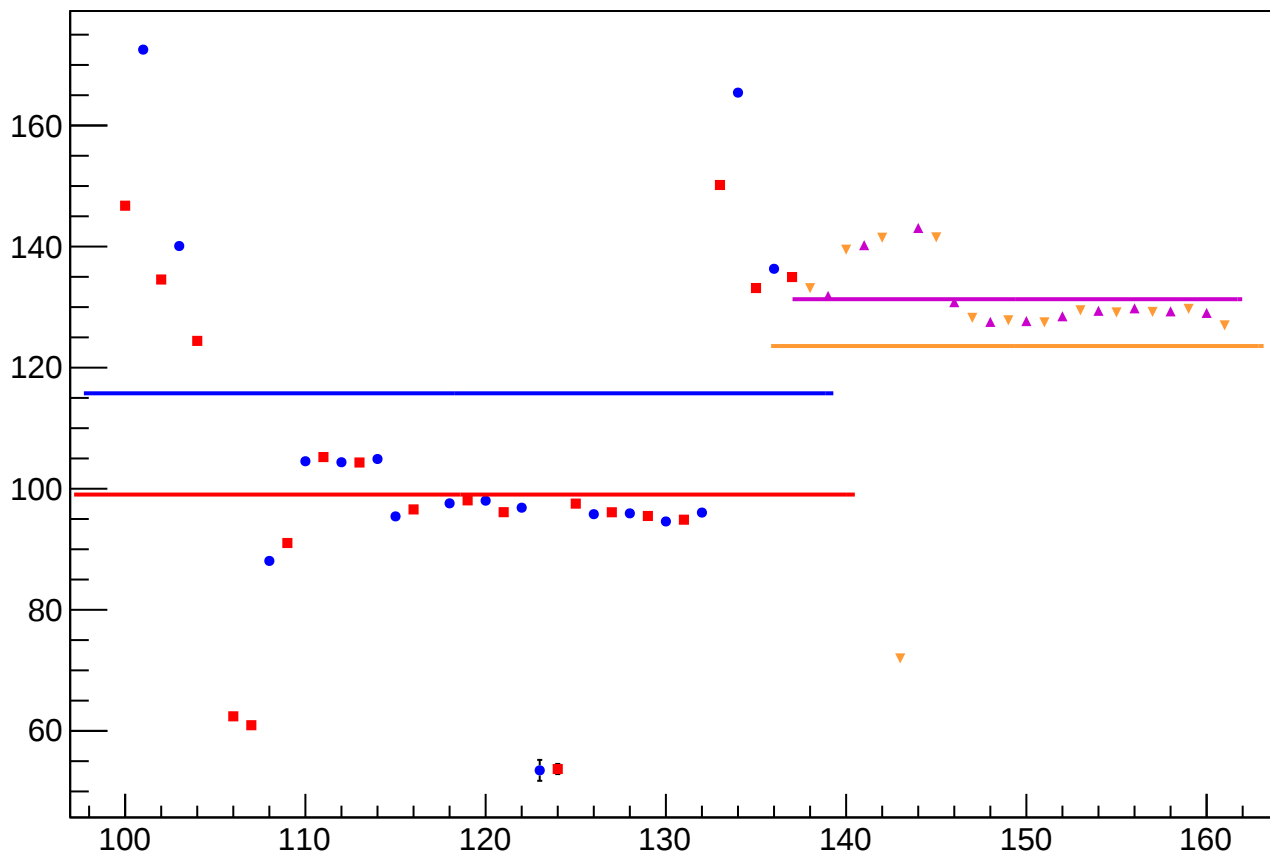
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -81.486 ± 0.872 $\chi^2/\text{NDF}: 1036.7/27$

Out: -75.442 ± 0.804 $\chi^2/\text{NDF}: 1319.8/31$

All: -78.218 ± 0.591 $\chi^2/\text{NDF}: 2382.4/59$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 123.570+/-0.052 χ^2/NDF :161487.1/12

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 131.305+/-0.056 χ^2/NDF :7384.0/10

Left: 127.173+/-0.038 χ^2/NDF : 179119.9/23

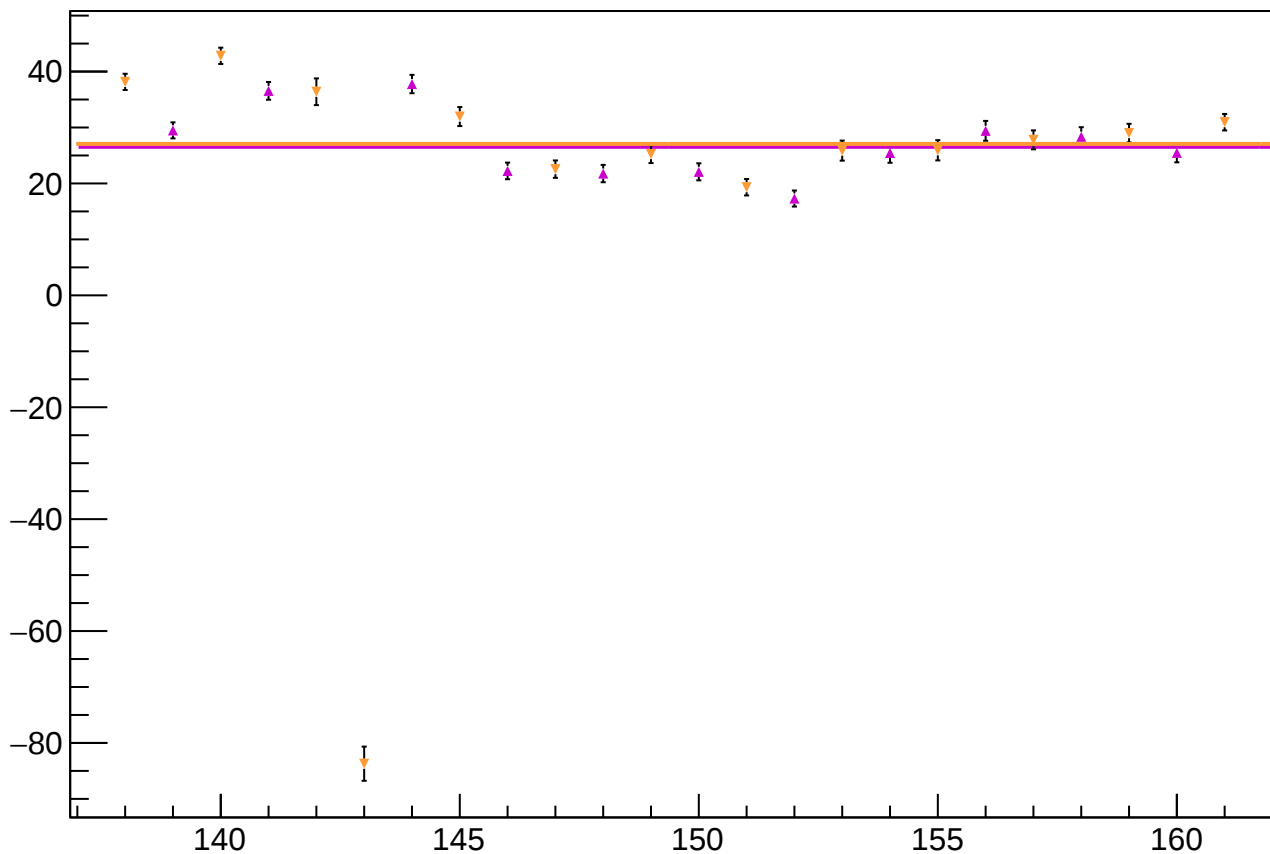
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 126.046+/-0.045 χ^2/NDF :139892.8/27

Out: 114.564+/-0.041 χ^2/NDF :416198.1/31

All: 119.786+/-0.031 χ^2/NDF : 590924.8/59

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 27.062+/-0.465 χ^2/NDF :1559.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.550+/-0.478 χ^2/NDF :163.0/10

Left: 26.814+/-0.333 χ^2/NDF : 1722.9/23

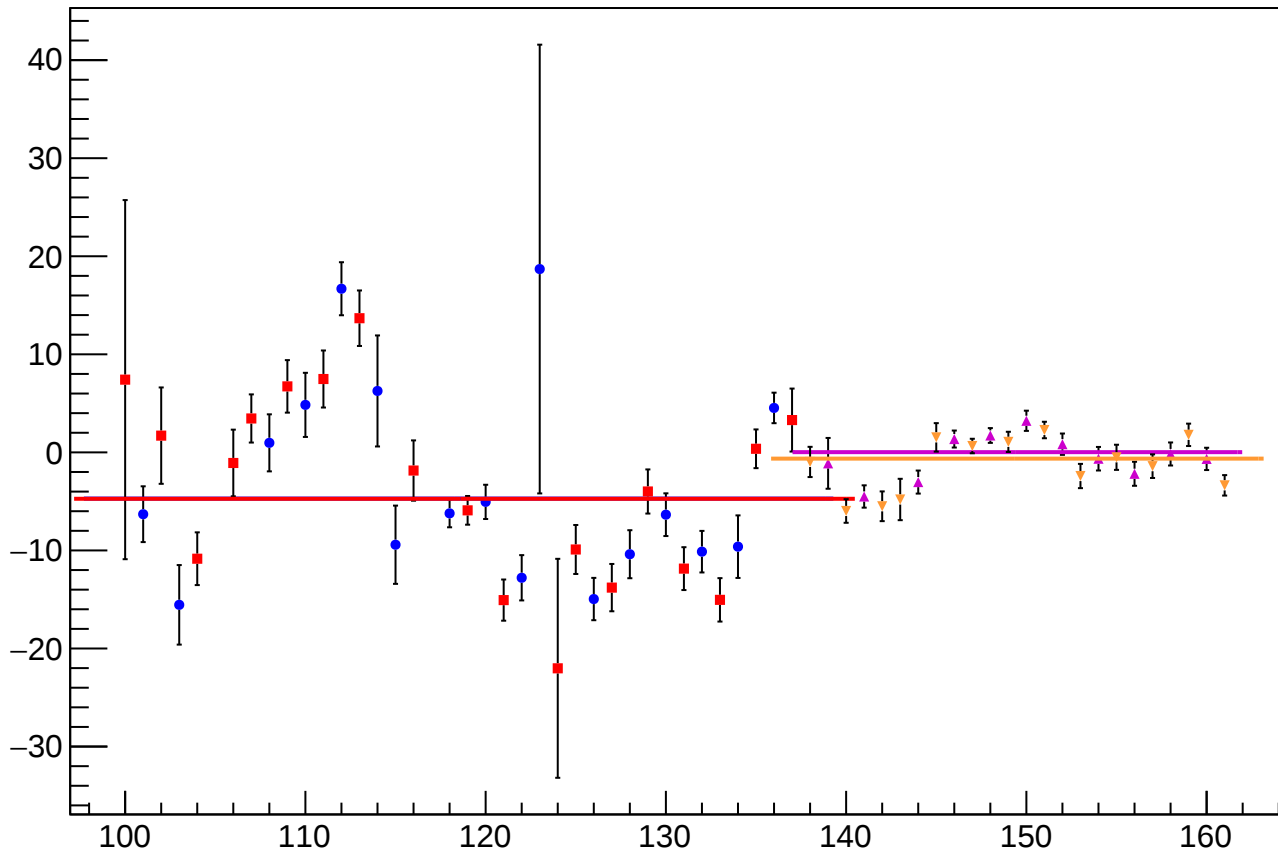
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.550+/-0.478 χ^2/NDF :163.0/10

Out: 27.062+/-0.465 χ^2/NDF :1559.3/12

All: 26.814+/-0.333 χ^2/NDF : 1722.9/23

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: -0.637 ± 0.315 $\chi^2/\text{NDF}: 67.8/12$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: 0.023 ± 0.326 $\chi^2/\text{NDF}: 44.3/10$

Left: -0.319 ± 0.227 $\chi^2/\text{NDF}: 114.2/23$

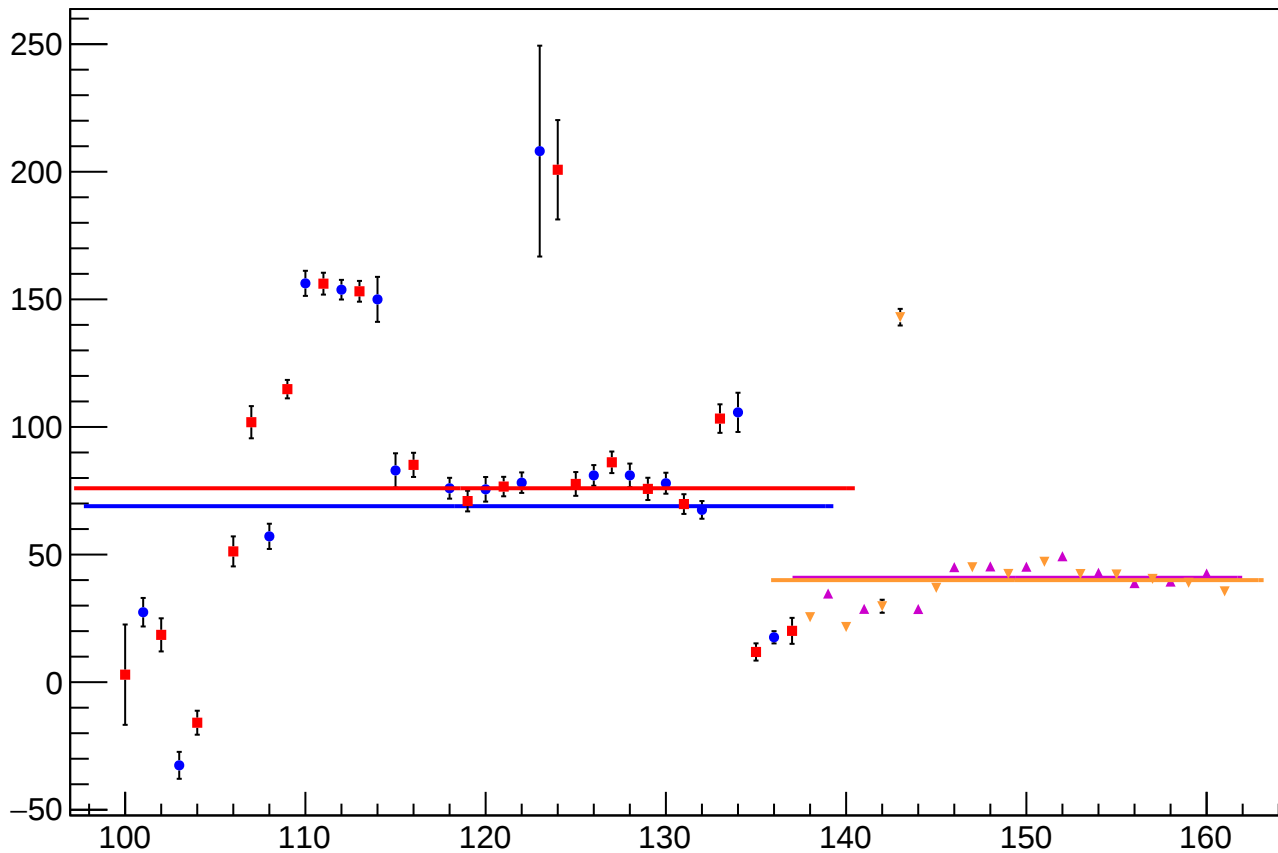
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.114 ± 0.285 $\chi^2/\text{NDF}: 269.5/27$

Out: -1.558 ± 0.277 $\chi^2/\text{NDF}: 295.5/31$

All: -1.342 ± 0.199 $\chi^2/\text{NDF}: 566.3/59$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.984 $\pm$ 0.454 χ^2 /NDF:1297.8/12

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.910 $\pm$ 0.465 χ^2 /NDF:186.4/10

Left: 40.436 $\pm$ 0.325 χ^2 /NDF: 1486.2/23

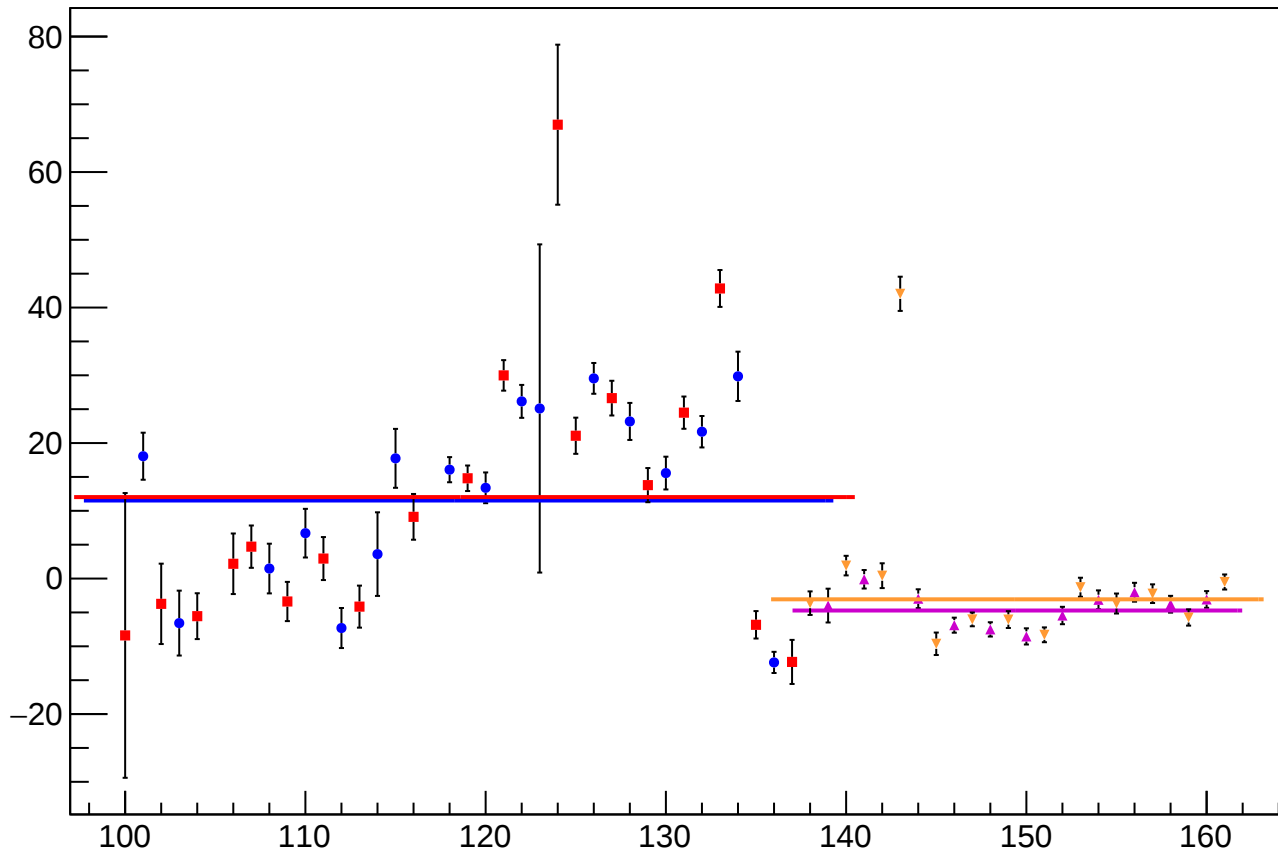
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 45.301 $\pm$ 0.427 χ^2 /NDF:2600.4/27

Out: 45.476 $\pm$ 0.418 χ^2 /NDF:4152.9/31

All: 45.390 $\pm$ 0.299 χ^2 /NDF: 6753.4/59

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.064 ± 0.376 $\chi^2/\text{NDF}: 399.8/12$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -4.716 ± 0.390 $\chi^2/\text{NDF}: 41.8/10$

Left: -3.859 ± 0.271 $\chi^2/\text{NDF}: 450.9/23$

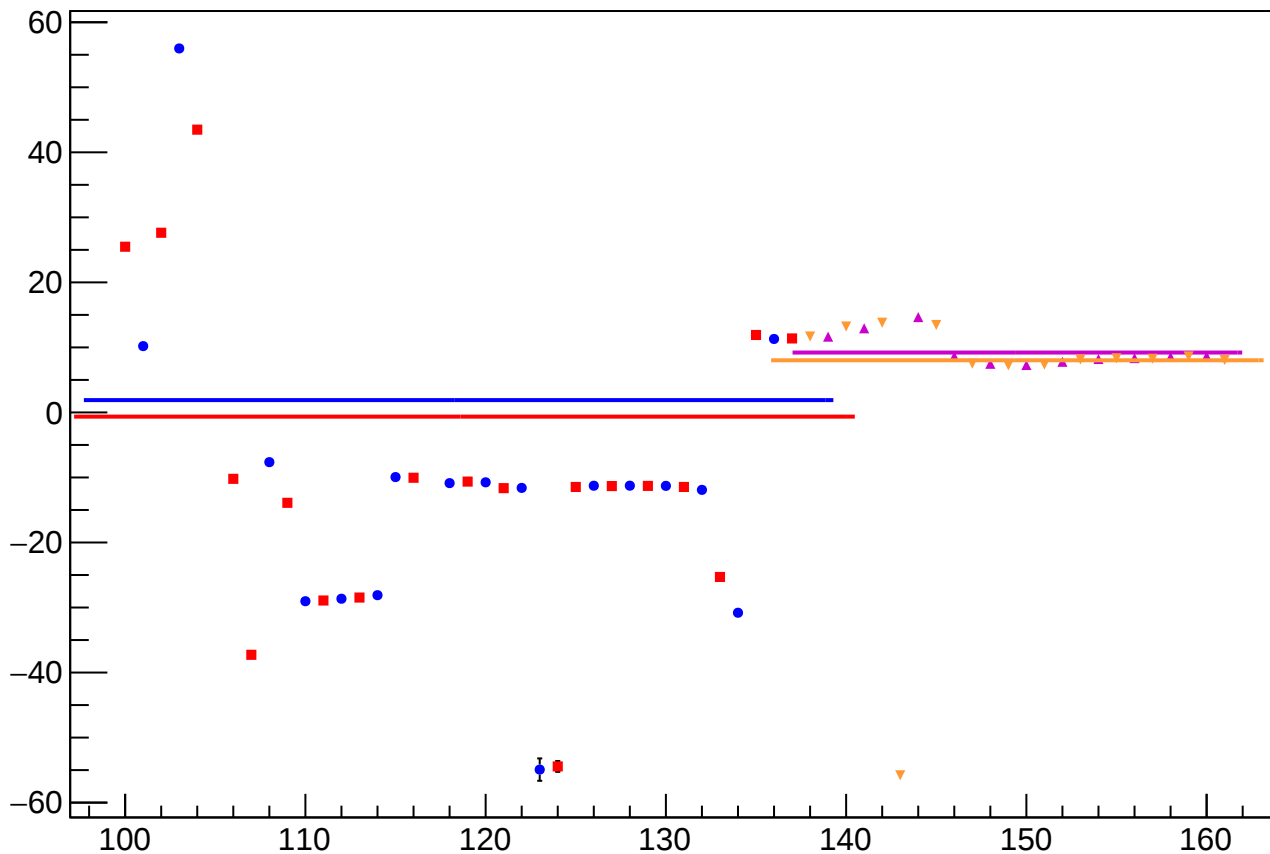
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.513 ± 0.336 $\chi^2/\text{NDF}: 967.8/27$

Out: 0.597 ± 0.327 $\chi^2/\text{NDF}: 1330.4/31$

All: 0.056 ± 0.234 $\chi^2/\text{NDF}: 2303.9/59$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.019 $\pm$ 0.018 χ^2/NDF :256452.7/12

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.211 $\pm$ 0.018 χ^2/NDF :13347.5/10

Left: 8.603 $\pm$ 0.013 χ^2/NDF : 272023.0/23

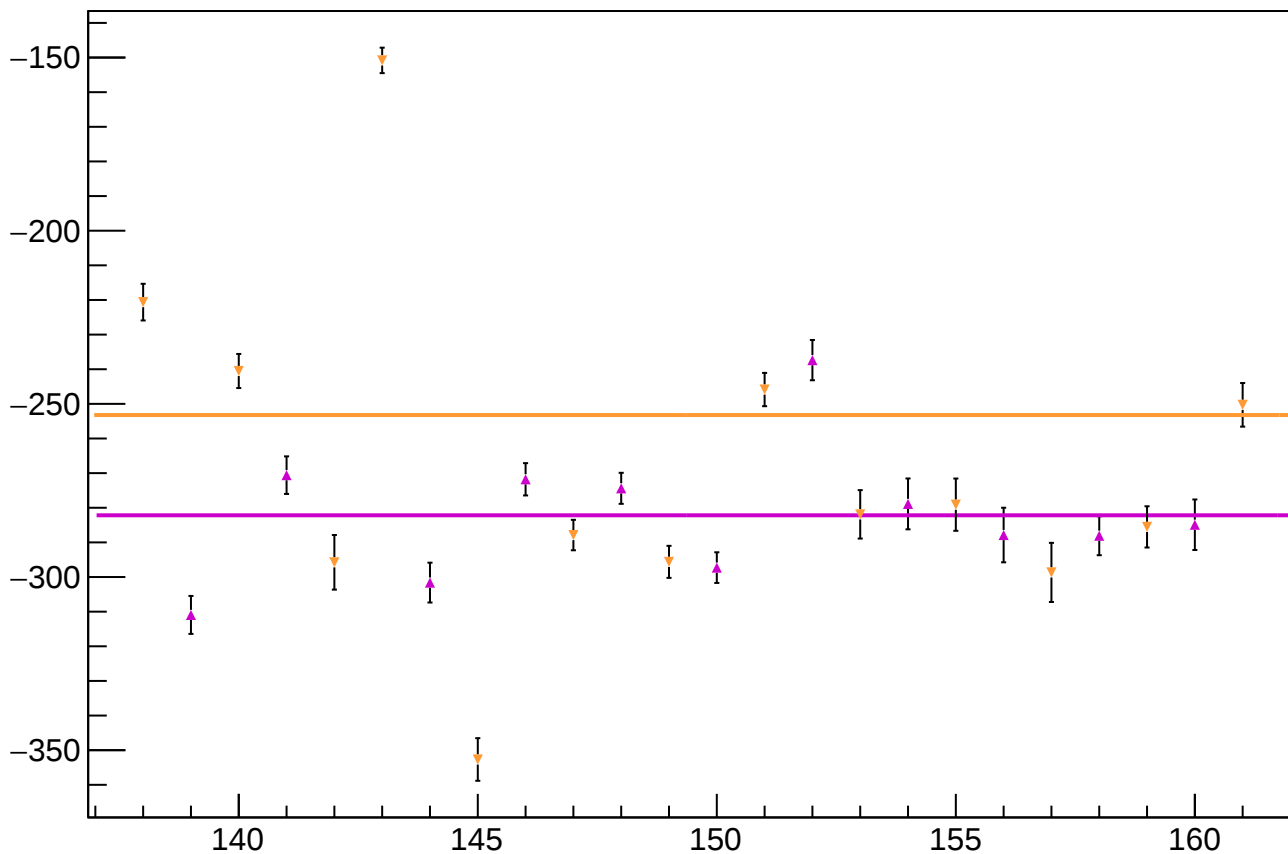
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.808 $\pm$ 0.016 χ^2/NDF :403715.6/27

Out: 6.412 $\pm$ 0.016 χ^2/NDF :662608.3/31

All: 7.098 $\pm$ 0.011 χ^2/NDF : 1070084.2/59

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -253.227 ± 1.507 χ^2/NDF : 1345.8/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -282.177 ± 1.669 χ^2/NDF : 124.5/10

Left: -266.227 ± 1.119 χ^2/NDF : 1636.0/23

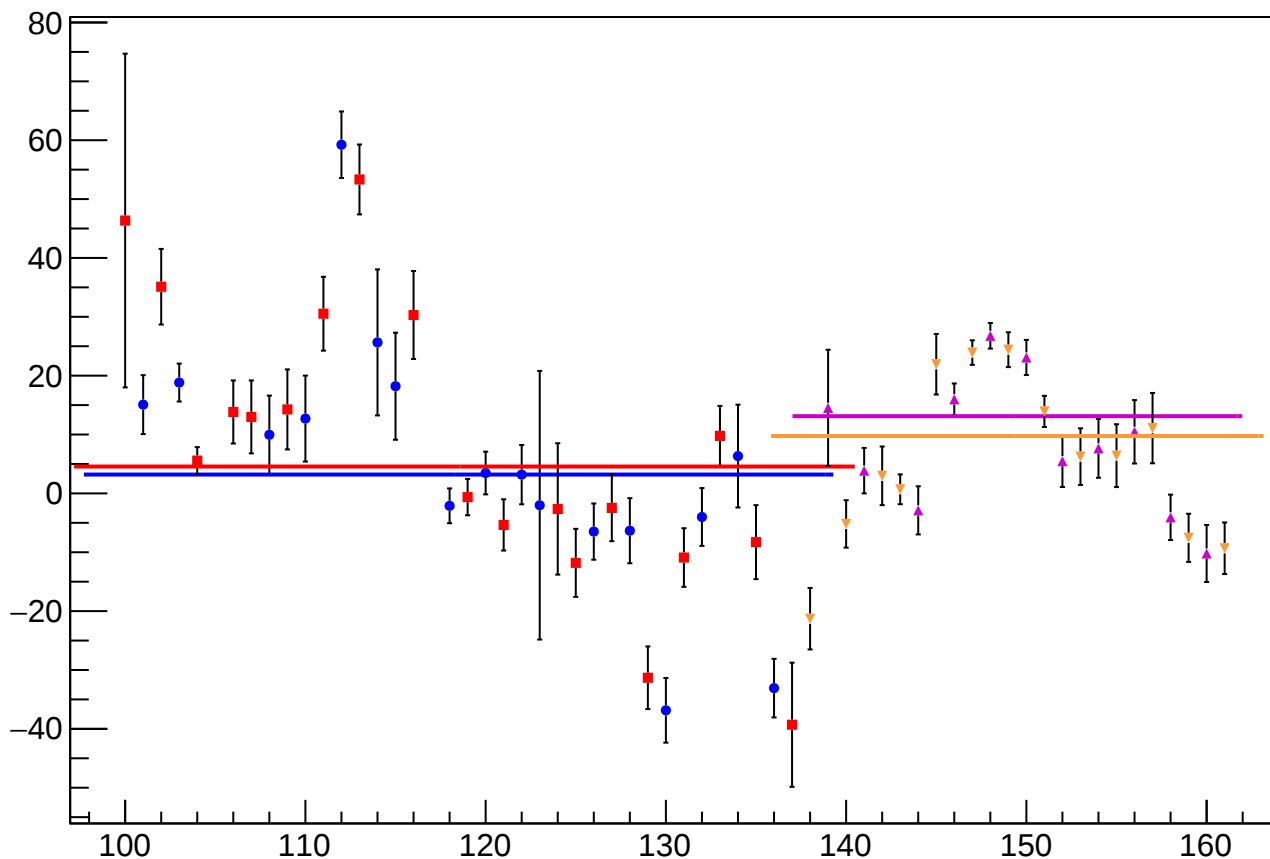
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -282.177 ± 1.669 χ^2/NDF : 124.5/10

Out: -253.227 ± 1.507 χ^2/NDF : 1345.8/12

All: -266.227 ± 1.119 χ^2/NDF : 1636.0/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 11.251 ± 0.730 $\chi^2/\text{NDF} = 306.1/23$

Right: 3.919 ± 0.842 $\chi^2/\text{NDF} = 479.7/35$

In: 8.726 ± 0.817 $\chi^2/\text{NDF} = 411.9/27$

Out: 7.579 ± 0.749 $\chi^2/\text{NDF} = 416.1/31$

All: 8.103 ± 0.552 $\chi^2/\text{NDF} = 829.1/59$

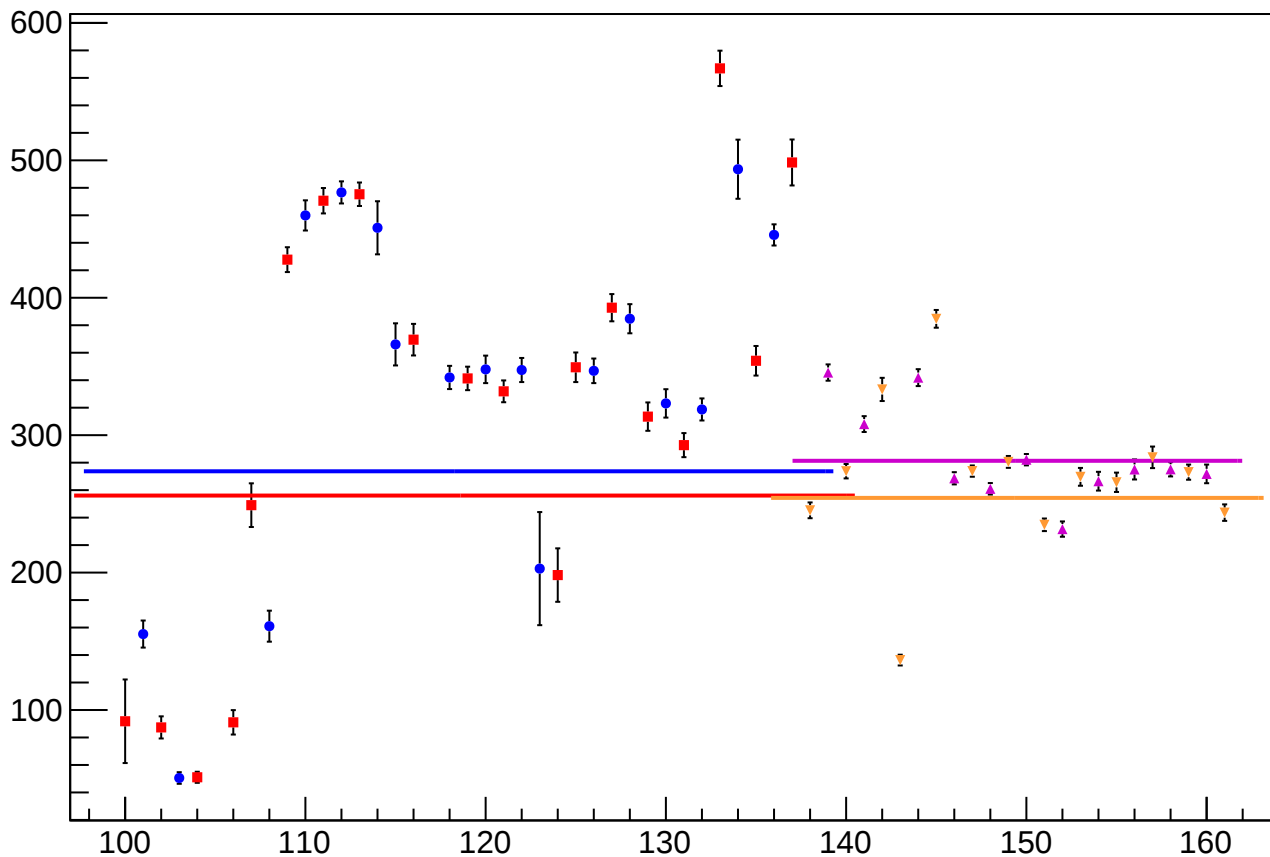
Right In: 3.200 ± 1.227 $\chi^2/\text{NDF} = 255.2/16$

Left Out: 9.749 ± 0.981 $\chi^2/\text{NDF} = 180.5/12$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF} = 223.9/18$

Left In: 13.117 ± 1.094 $\chi^2/\text{NDF} = 120.3/10$

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: 254.354 $\pm$ 1.489 χ^2 /NDF: 1531.9/12

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 281.348 $\pm$ 1.619 χ^2 /NDF: 355.5/10

Left: 266.725 $\pm$ 1.096 χ^2 /NDF: 2038.1/23

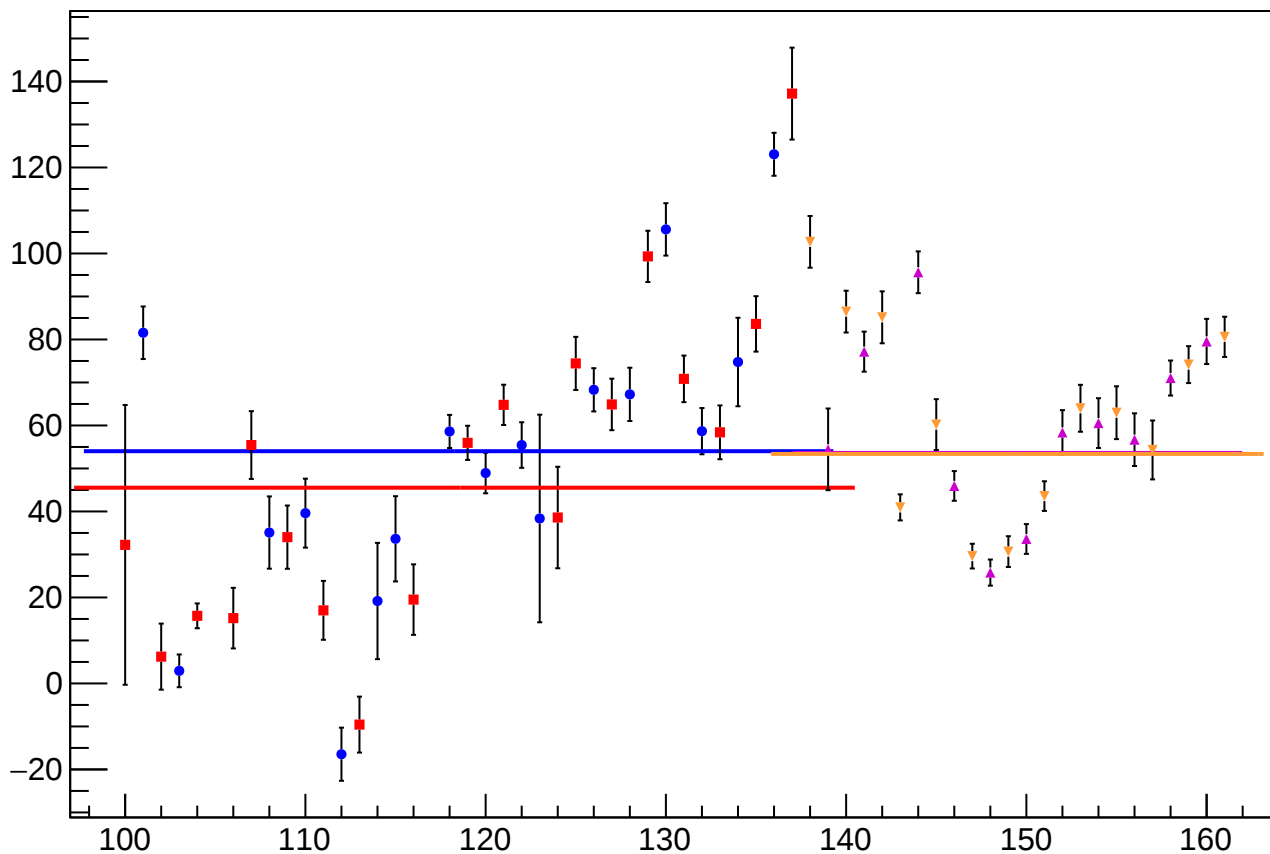
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 278.659 $\pm$ 1.303 χ^2 /NDF: 5466.6/27

Out: 254.931 $\pm$ 1.210 χ^2 /NDF: 7973.4/31

All: 265.925 $\pm$ 0.887 χ^2 /NDF: 13618.1/59

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: 53.380 $\pm$ 1.196 χ^2 /NDF:339.8/12

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 53.612 $\pm$ 1.330 χ^2 /NDF:267.9/10

Left: 53.484 $\pm$ 0.889 χ^2 /NDF: 607.7/23

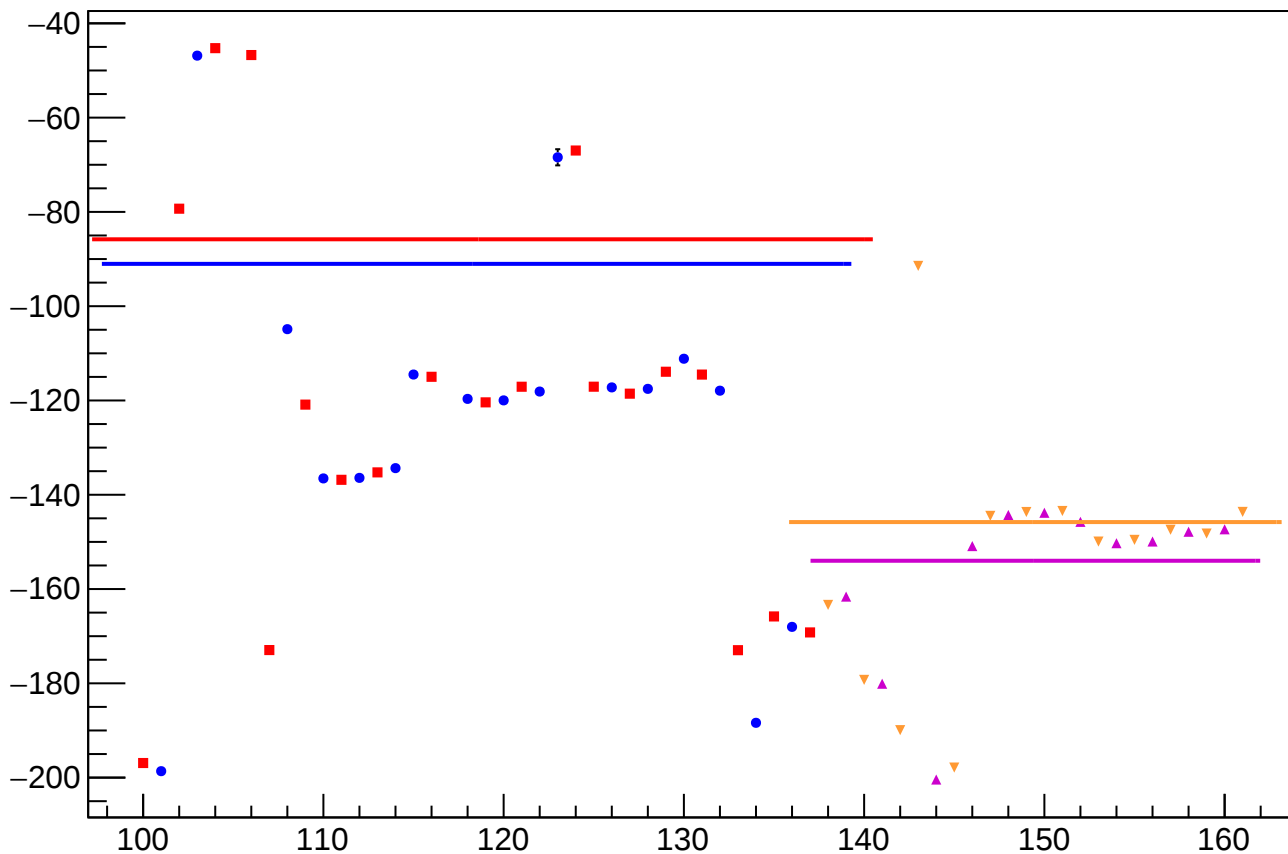
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 53.800 $\pm$ 0.972 χ^2 /NDF:900.8/27

Out: 49.949 $\pm$ 0.897 χ^2 /NDF:885.5/31

All: 51.722 $\pm$ 0.659 χ^2 /NDF: 1794.7/59

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.794 ± 0.060 $\chi^2/\text{NDF}: 205559.4/12$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -154.000 ± 0.064 $\chi^2/\text{NDF}: 53661.8/10$

Left: -149.609 ± 0.044 $\chi^2/\text{NDF}: 267925.2/23$

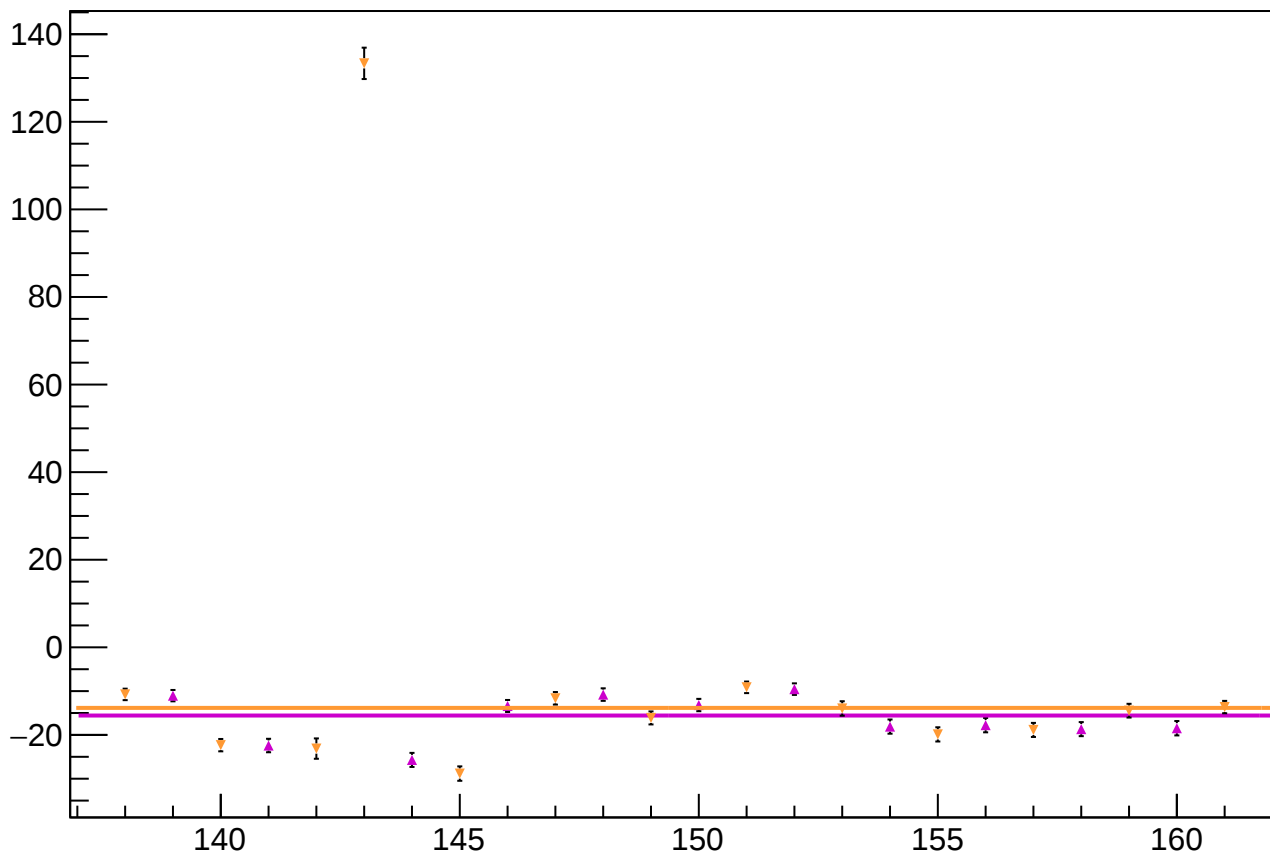
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -124.057 ± 0.047 $\chi^2/\text{NDF}: 1043454.2/27$

Out: -118.219 ± 0.044 $\chi^2/\text{NDF}: 1161245.8/31$

All: -120.976 ± 0.032 $\chi^2/\text{NDF}: 2212983.4/59$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.830+/-0.436 χ^2/NDF :1870.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.574+/-0.447 χ^2/NDF :120.3/10

Left: -14.681+/-0.312 χ^2/NDF : 1998.9/23

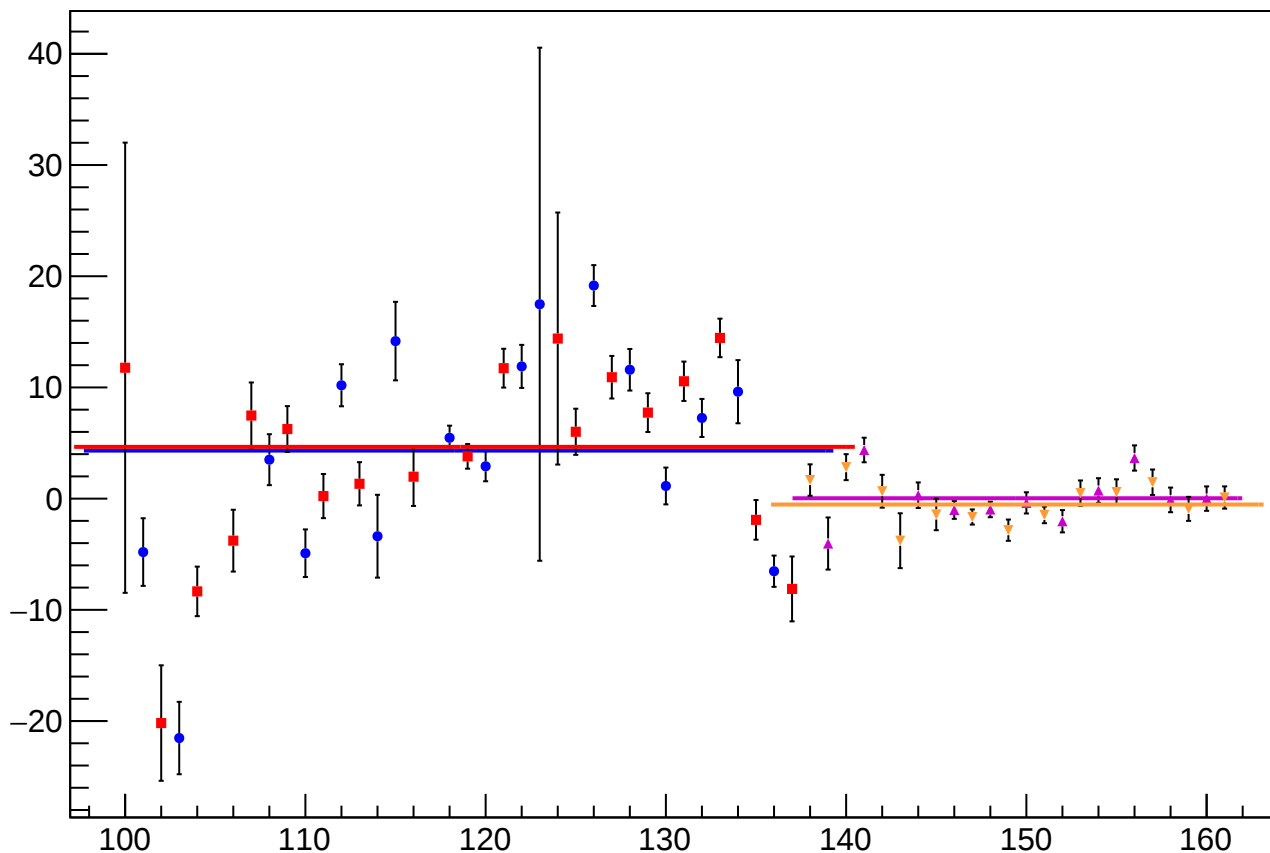
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.574+/-0.447 χ^2/NDF :120.3/10

Out: -13.830+/-0.436 χ^2/NDF :1870.8/12

All: -14.681+/-0.312 χ^2/NDF : 1998.9/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.529 ± 0.295 $\chi^2/\text{NDF}: 28.9/12$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.034 ± 0.305 $\chi^2/\text{NDF}: 37.4/10$

Left: -0.258 ± 0.212 $\chi^2/\text{NDF}: 68.0/23$

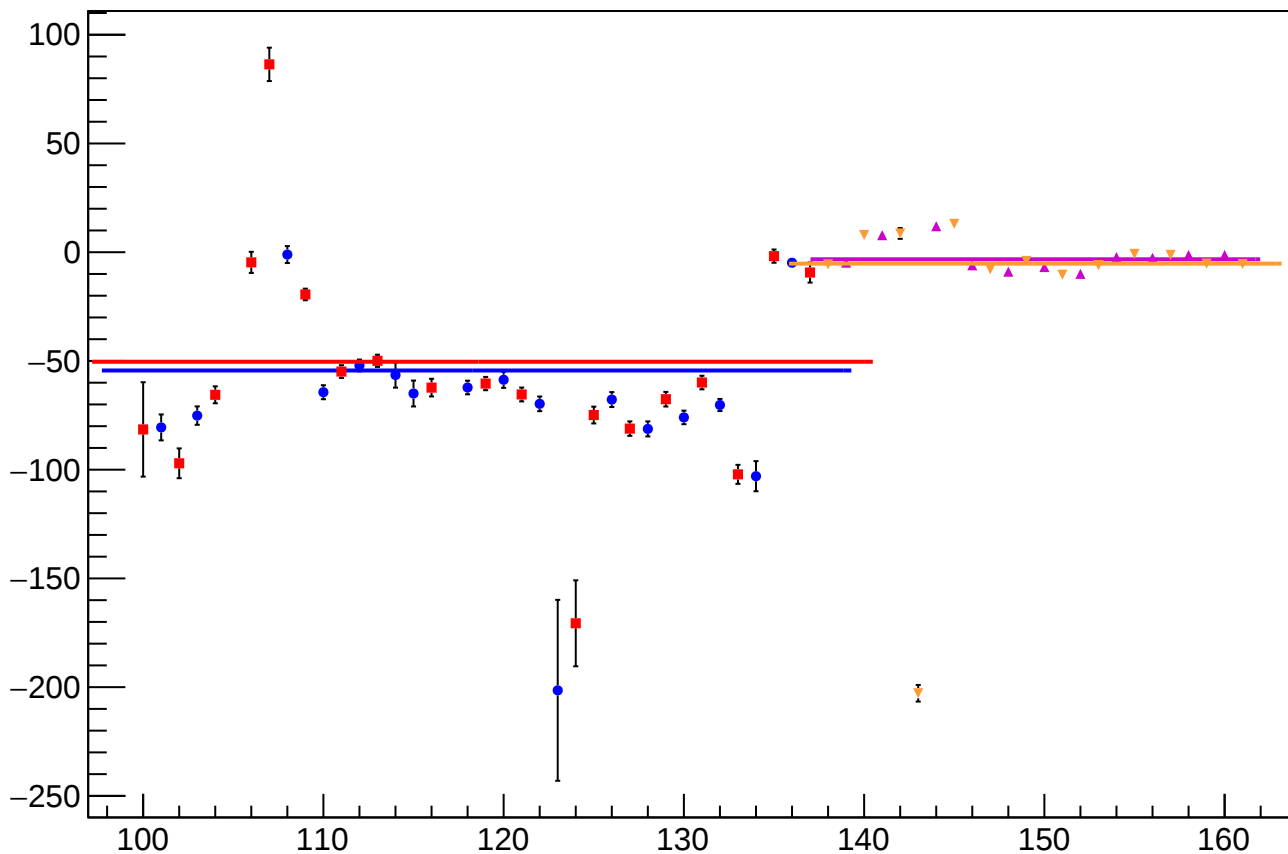
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.325 ± 0.255 $\chi^2/\text{NDF}: 377.0/27$

Out: 0.916 ± 0.250 $\chi^2/\text{NDF}: 299.9/31$

All: 1.117 ± 0.179 $\chi^2/\text{NDF}: 678.2/59$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -5.248 $\pm$ 0.425 χ^2 /NDF:2933.7/12

Right Out: -50.364 $\pm$ 0.858 χ^2 /NDF: 1321.3/18

Left In: -3.252 $\pm$ 0.434 χ^2 /NDF:187.2/10

Left: -4.271 $\pm$ 0.304 χ^2 /NDF: 3131.7/23

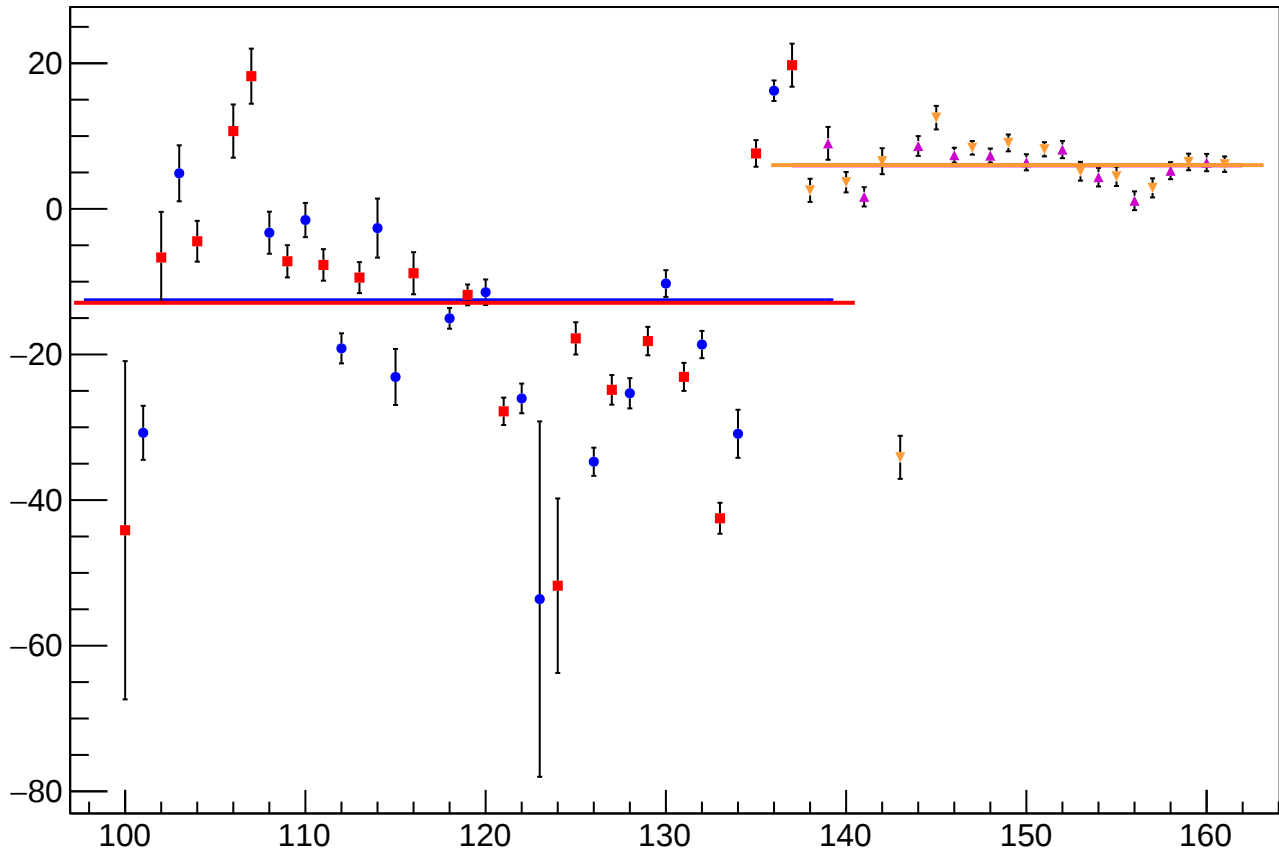
Right: -52.360 $\pm$ 0.609 χ^2 /NDF: 2346.2/35

In: -13.541 $\pm$ 0.388 χ^2 /NDF:3995.9/27

Out: -14.139 $\pm$ 0.381 χ^2 /NDF:6477.1/31

All: -13.846 $\pm$ 0.272 χ^2 /NDF: 10474.2/59

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.013 ± 0.352 χ^2/NDF : 234.3/12

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.981 ± 0.365 χ^2/NDF : 39.8/10

Left: 5.998 ± 0.254 χ^2/NDF : 274.1/23

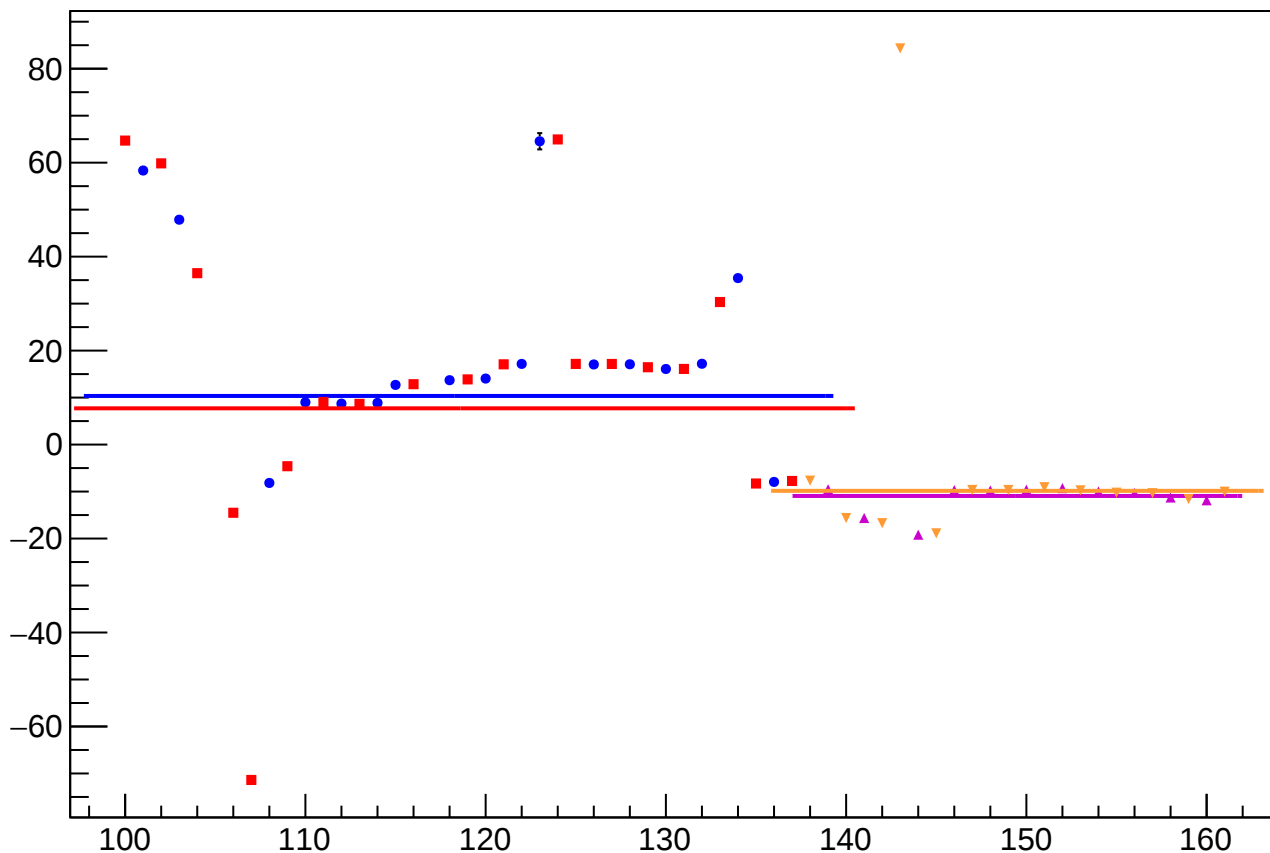
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.035 ± 0.301 χ^2/NDF : 1646.2/27

Out: 0.341 ± 0.295 χ^2/NDF : 1827.2/31

All: 0.191 ± 0.211 χ^2/NDF : 3474.0/59

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 χ^2/NDF : 380878.9/16

Left Out: -9.846 ± 0.017 χ^2/NDF : 408953.3/12

Right Out: 7.715 ± 0.031 χ^2/NDF : 545032.1/18

Left In: -10.937 ± 0.017 χ^2/NDF : 21196.2/10

Left: -10.383 ± 0.012 χ^2/NDF : 432284.4/23

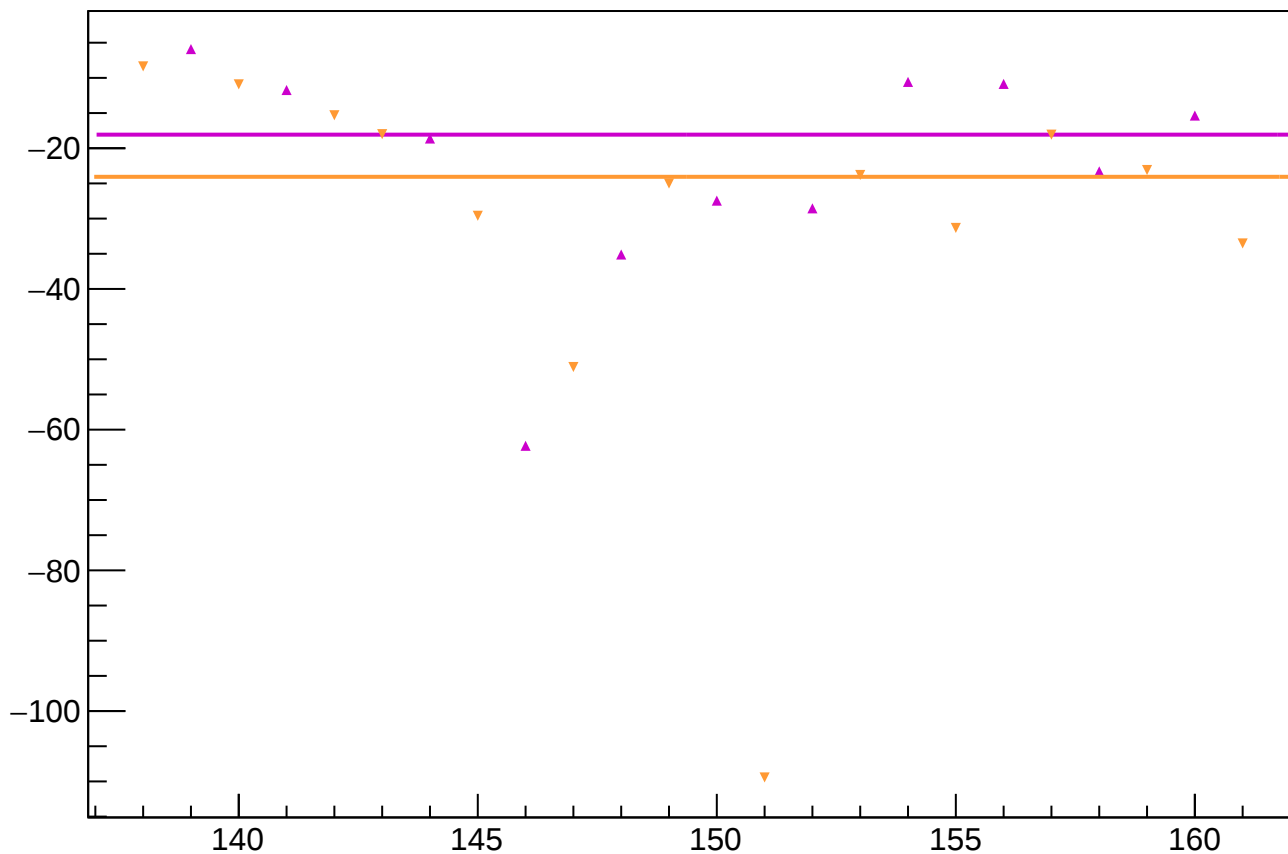
Right: 9.061 ± 0.022 χ^2/NDF : 929542.3/35

In: -5.985 ± 0.015 χ^2/NDF : 773926.3/27

Out: -6.000 ± 0.015 χ^2/NDF : 1200408.1/31

All: -5.993 ± 0.010 χ^2/NDF : 1974334.9/59

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: -24.061+/-0.072 χ^2/NDF :52142.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.069+/-0.063 χ^2/NDF :36787.7/10

Left: -20.693+/-0.048 χ^2/NDF : 92832.2/23

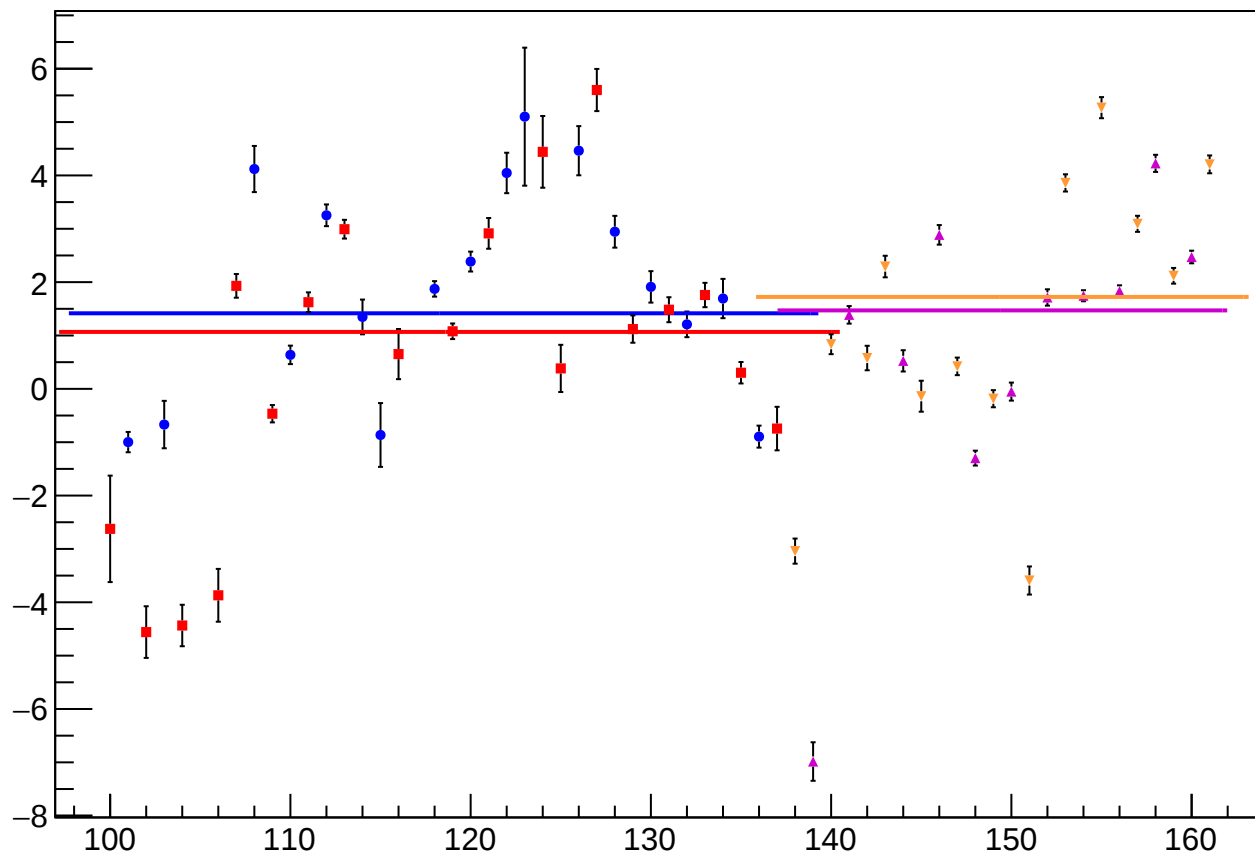
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.069+/-0.063 χ^2/NDF :36787.7/10

Out: -24.061+/-0.072 χ^2/NDF :52142.7/12

All: -20.693+/-0.048 χ^2/NDF : 92832.2/23

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 1.723 $\pm$ 0.051 χ^2/NDF :1924.9/12

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 1.470 $\pm$ 0.044 χ^2/NDF :1491.7/10

Left: 1.578 $\pm$ 0.033 χ^2/NDF : 3430.6/23

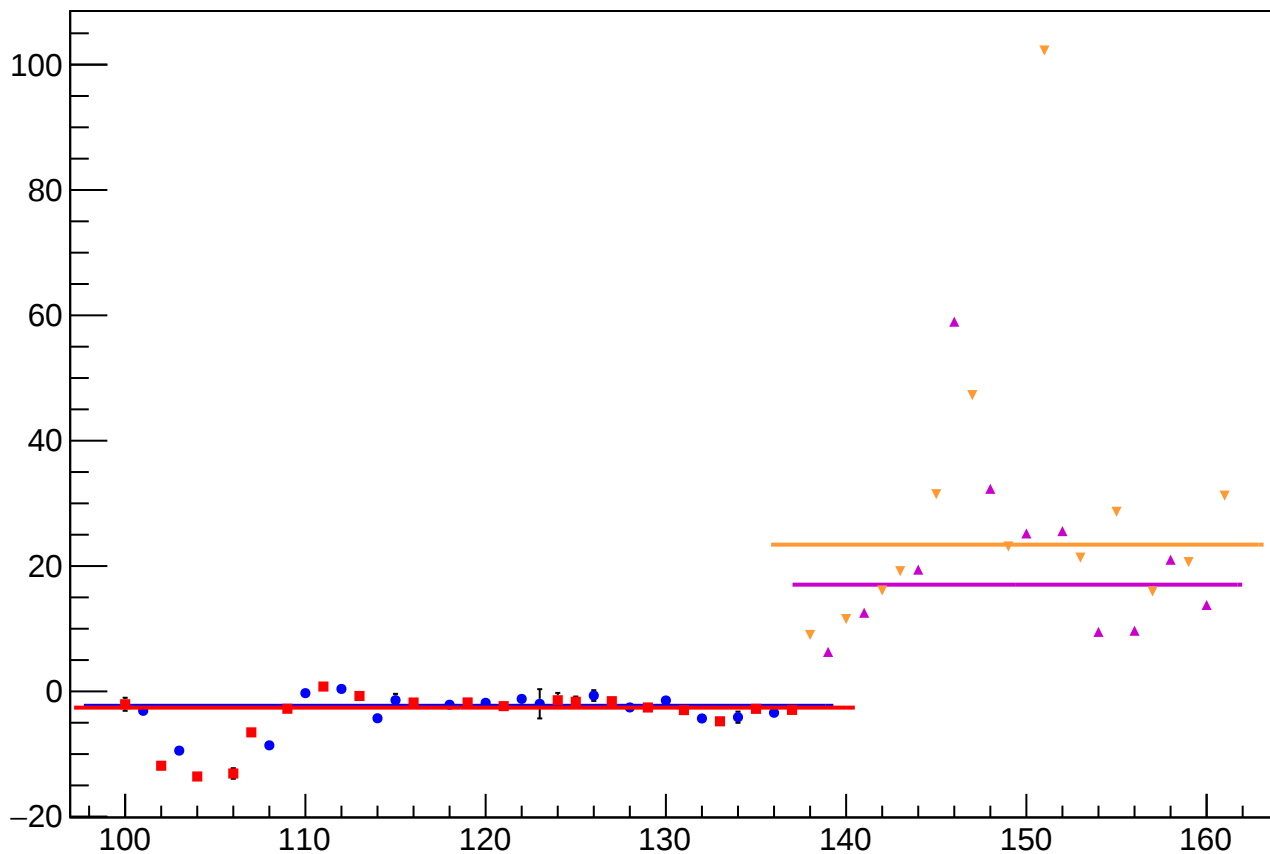
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.452 $\pm$ 0.036 χ^2/NDF :2123.4/27

Out: 1.437 $\pm$ 0.038 χ^2/NDF :2926.7/31

All: 1.445 $\pm$ 0.026 χ^2/NDF : 5050.1/59

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: 23.415 ± 0.070 χ^2/NDF : 46903.8/12

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.029 ± 0.061 χ^2/NDF : 34730.1/10

Left: 19.762 ± 0.046 χ^2/NDF : 86348.0/23

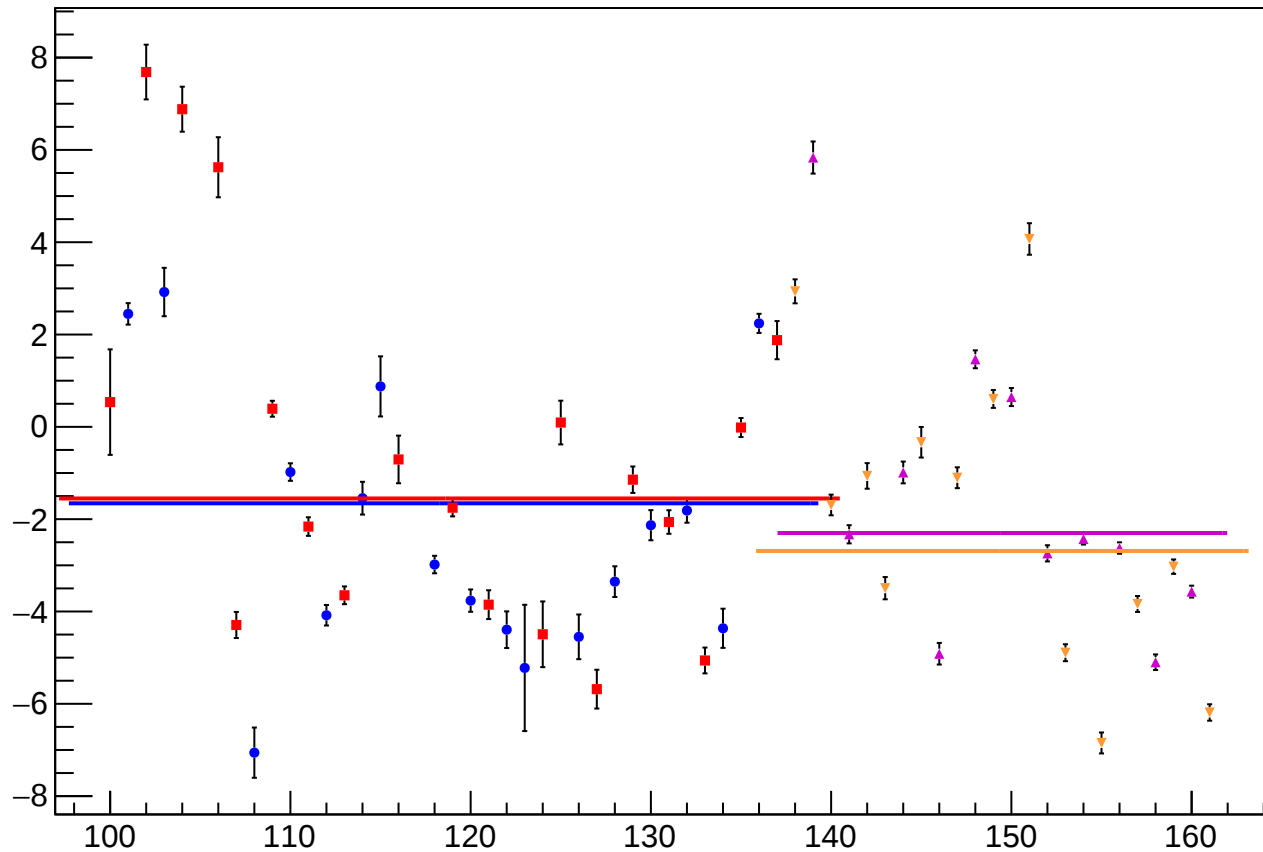
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 12.554 ± 0.053 χ^2/NDF : 58540.0/27

Out: 14.670 ± 0.057 χ^2/NDF : 93750.5/31

All: 13.536 ± 0.039 χ^2/NDF : 153020.7/59

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.689 ± 0.059 χ^2/NDF : 2230.7/12

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.300 ± 0.051 χ^2/NDF : 1691.9/10

Left: -2.465 ± 0.039 χ^2/NDF : 3947.3/23

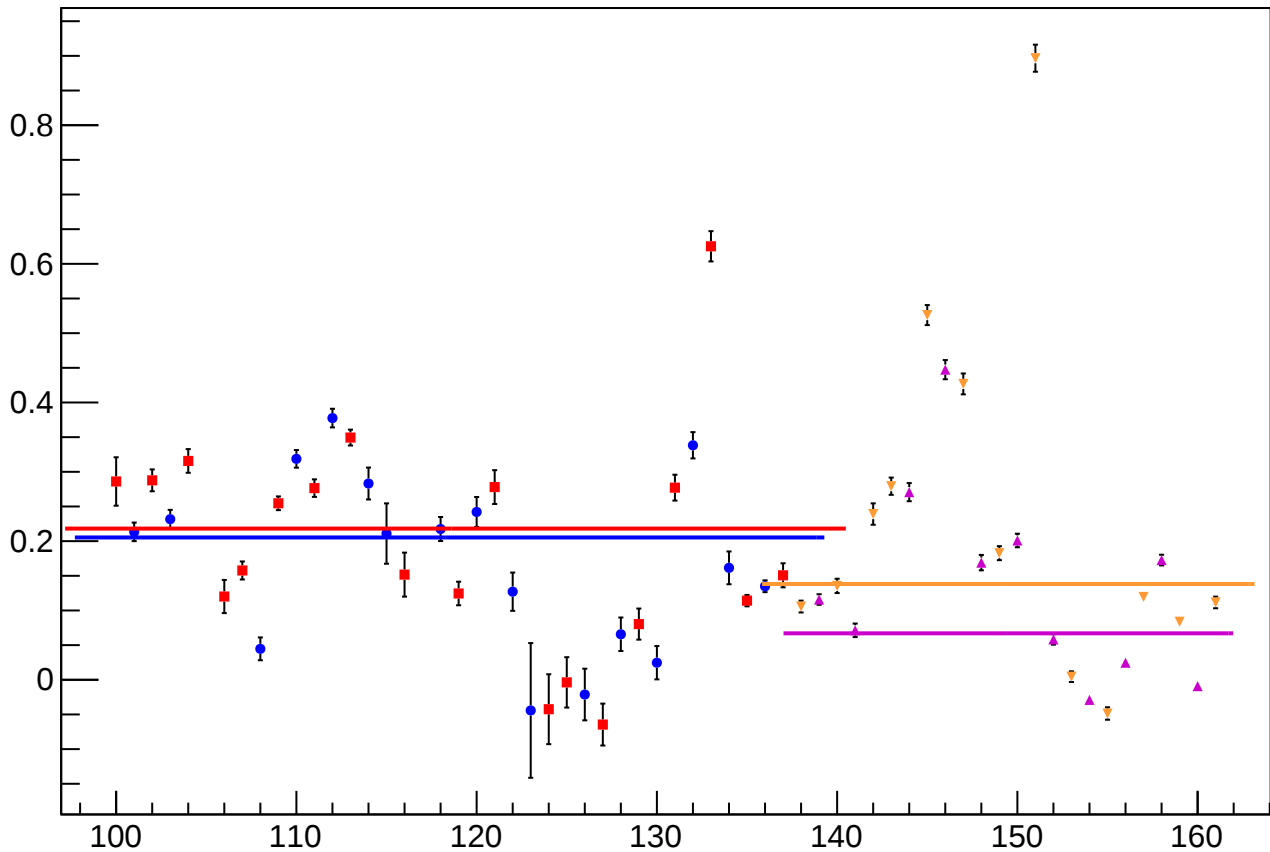
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.079 ± 0.041 χ^2/NDF : 3017.8/27

Out: -2.177 ± 0.044 χ^2/NDF : 3884.1/31

All: -2.125 ± 0.030 χ^2/NDF : 6904.6/59

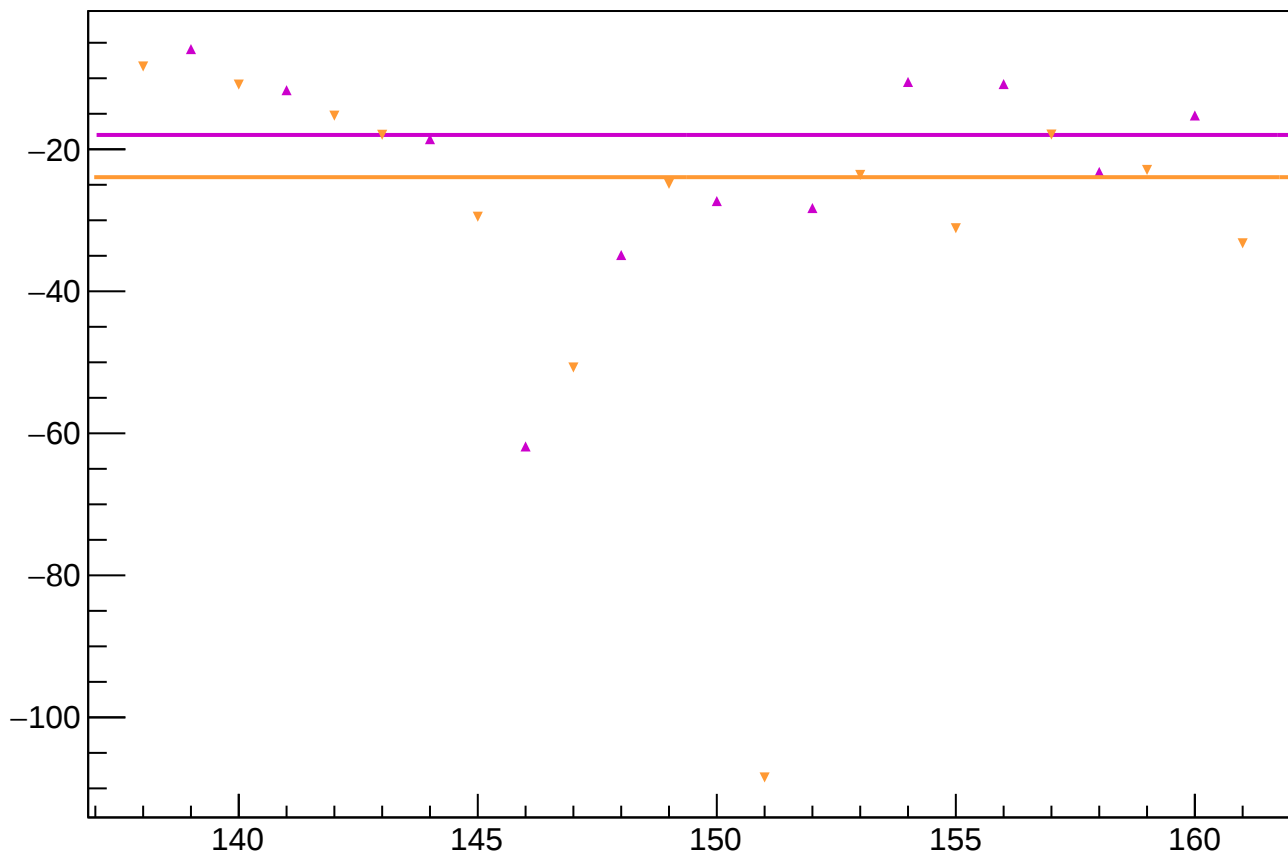
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16
 Left Out: 0.138 ± 0.003 χ^2/NDF : 3611.9/12
 Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18
 Left In: 0.067 ± 0.002 χ^2/NDF : 2119.0/10

Left: 0.096 ± 0.002 χ^2/NDF : 6153.3/23
 Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35
 In: 0.098 ± 0.002 χ^2/NDF : 3607.4/27
 Out: 0.166 ± 0.002 χ^2/NDF : 4944.0/31
 All: 0.128 ± 0.001 χ^2/NDF : 9093.5/59

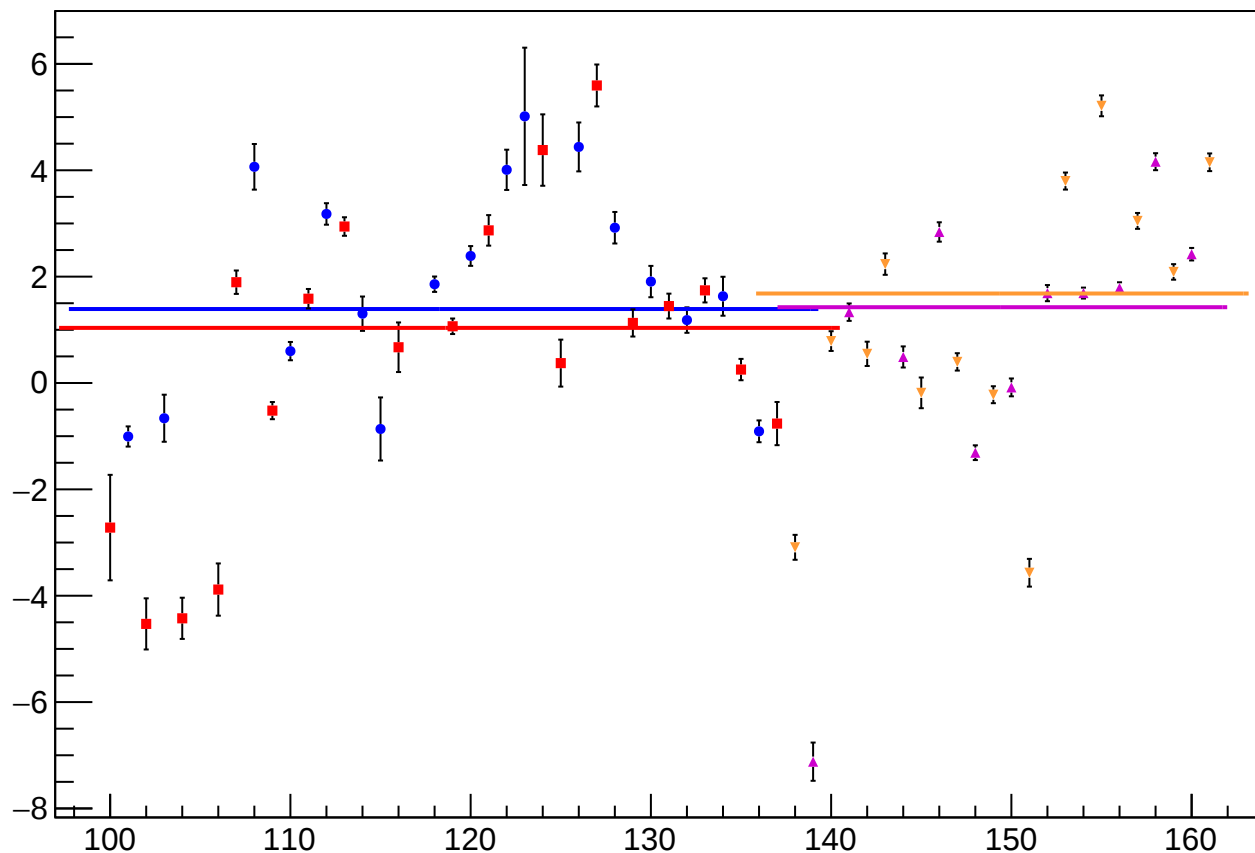
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.929+/-0.071 χ^2/NDF : 51997.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.982+/-0.063 χ^2/NDF : 36723.4/10

Left: -20.586+/-0.047 χ^2/NDF : 92612.3/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.982+/-0.063 χ^2/NDF : 36723.4/10
 Out: -23.929+/-0.071 χ^2/NDF : 51997.8/12
 All: -20.586+/-0.047 χ^2/NDF : 92612.3/23

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.683 ± 0.051 χ^2/NDF : 1930.5/12

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.425 ± 0.044 χ^2/NDF : 1503.9/10

Left: 1.535 ± 0.033 χ^2/NDF : 3449.2/23

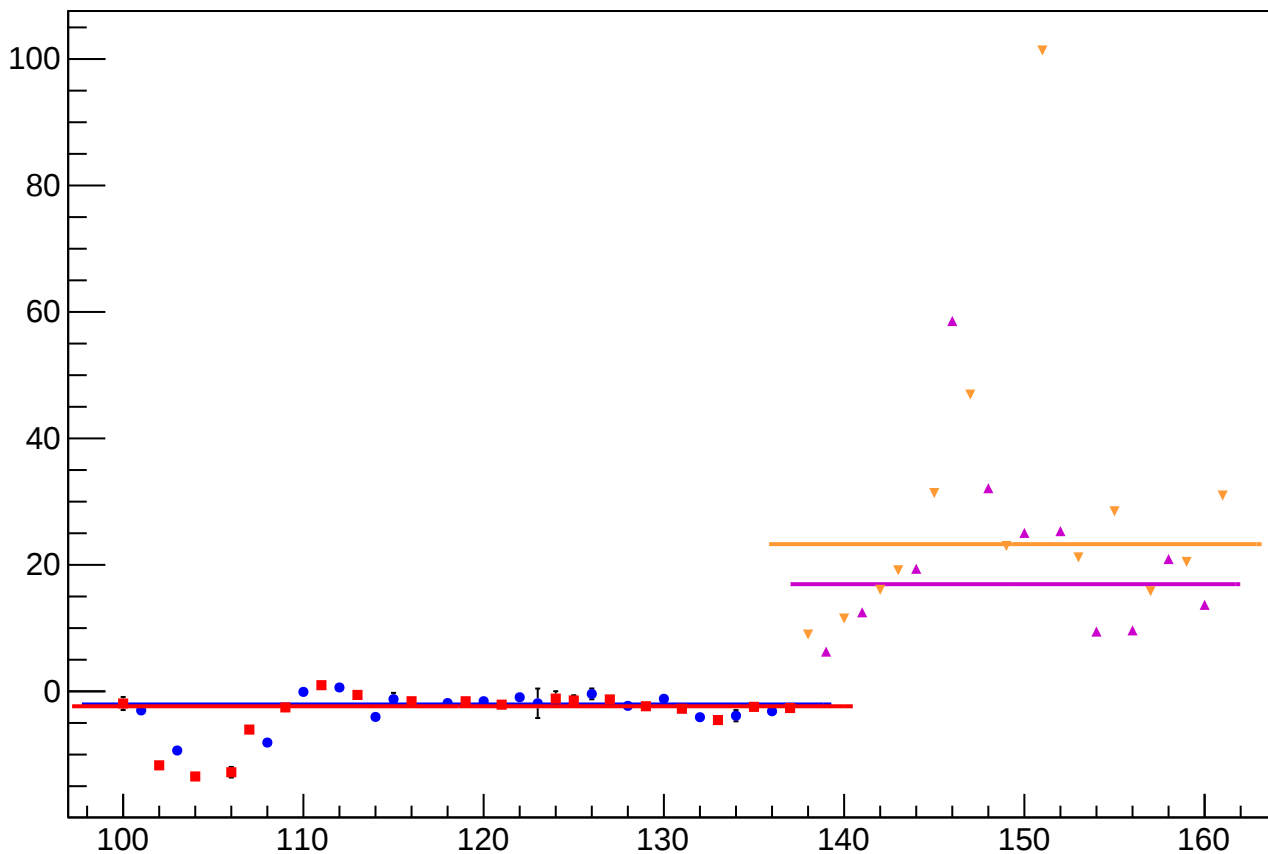
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.413 ± 0.036 χ^2/NDF : 2133.3/27

Out: 1.401 ± 0.038 χ^2/NDF : 2935.2/31

All: 1.408 ± 0.026 χ^2/NDF : 5068.6/59

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: 23.280 ± 0.070 χ^2/NDF : 46798.0/12

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 16.945 ± 0.060 χ^2/NDF : 34679.0/10

Left: 19.657 ± 0.046 χ^2/NDF : 86174.6/23

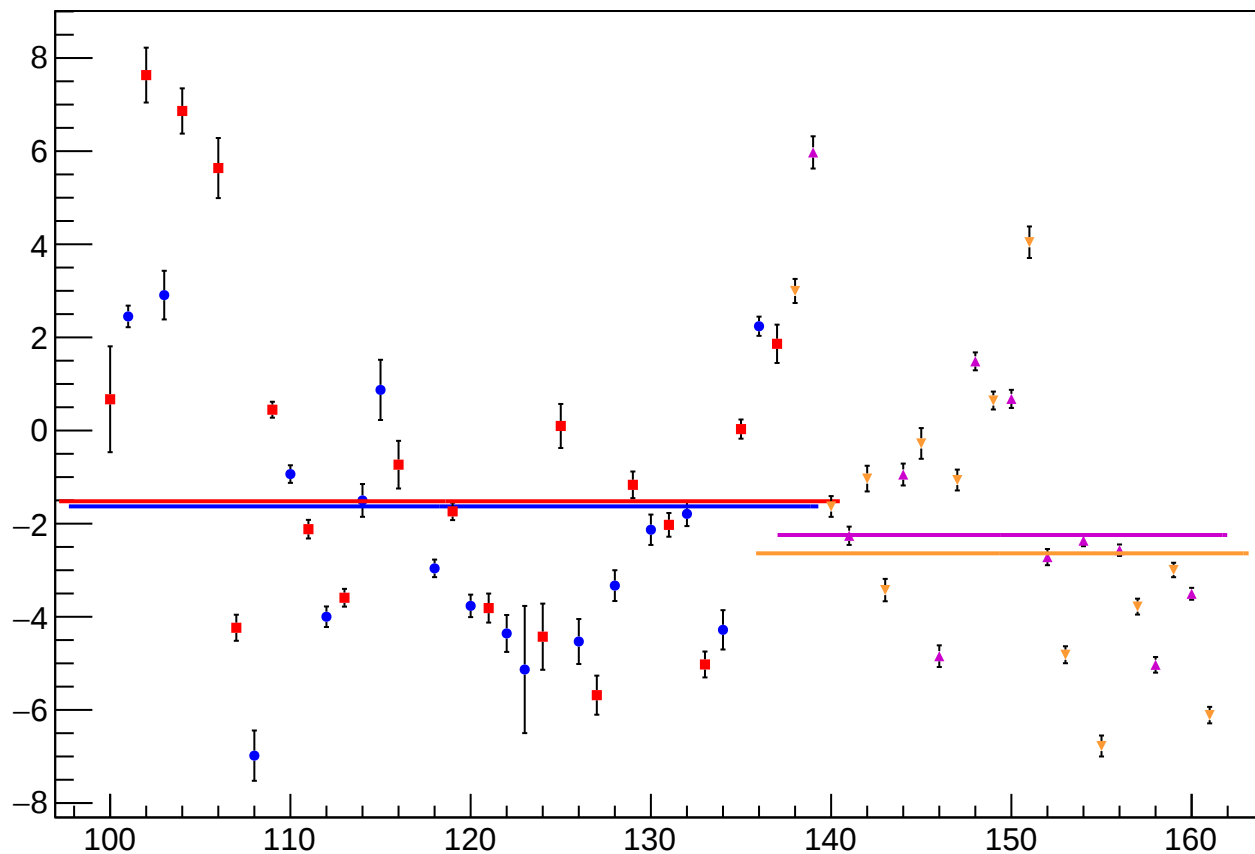
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.549 ± 0.053 χ^2/NDF : 57990.7/27

Out: 14.668 ± 0.057 χ^2/NDF : 92889.1/31

All: 13.533 ± 0.039 χ^2/NDF : 151621.7/59

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: -2.637 ± 0.059 χ^2/NDF : 2237.6/12

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.244 ± 0.051 χ^2/NDF : 1707.7/10

Left: -2.411 ± 0.038 χ^2/NDF : 3971.1/23

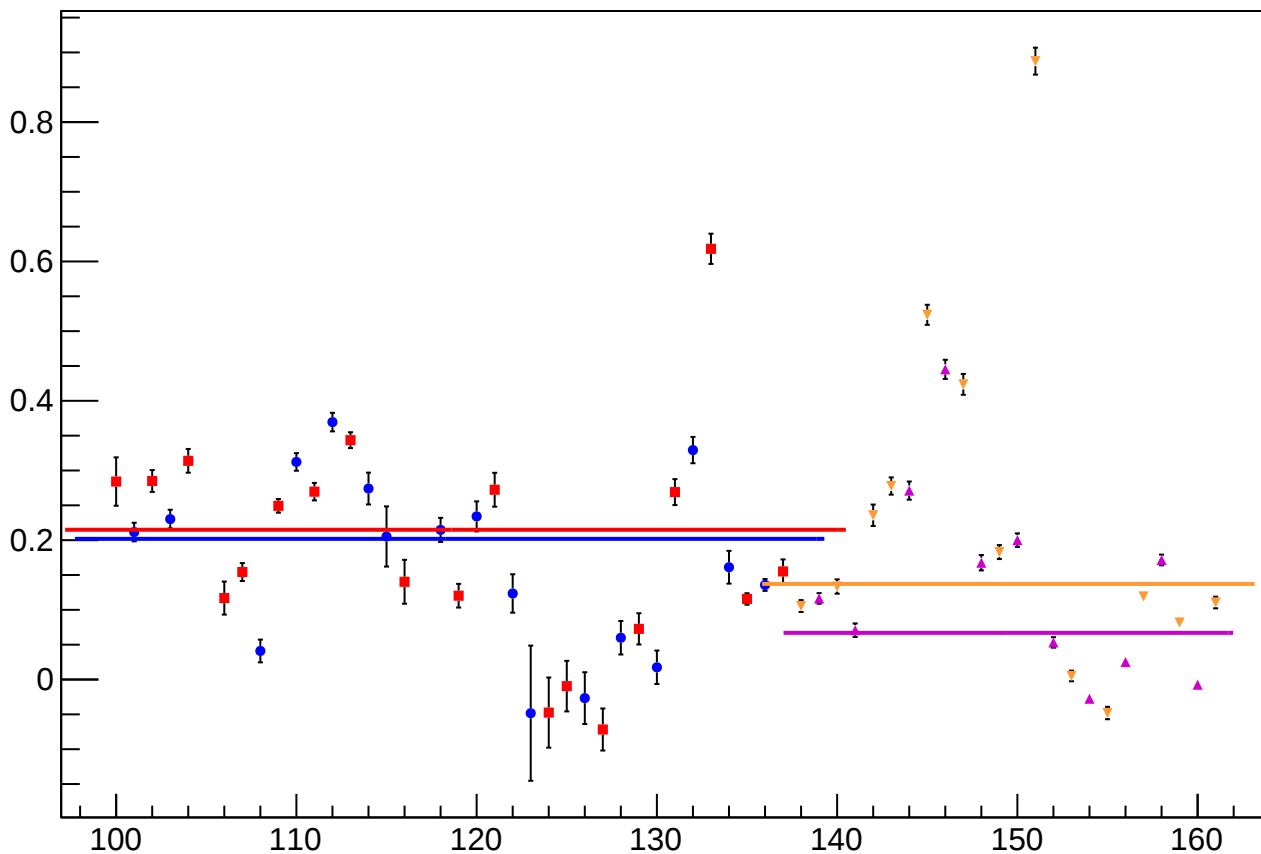
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.033 ± 0.041 χ^2/NDF : 3024.6/27

Out: -2.135 ± 0.044 χ^2/NDF : 3891.2/31

All: -2.081 ± 0.030 χ^2/NDF : 6918.7/59

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3605.7/12

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.067 ± 0.002 χ^2/NDF : 2112.4/10

Left: 0.096 ± 0.002 χ^2/NDF : 6134.7/23

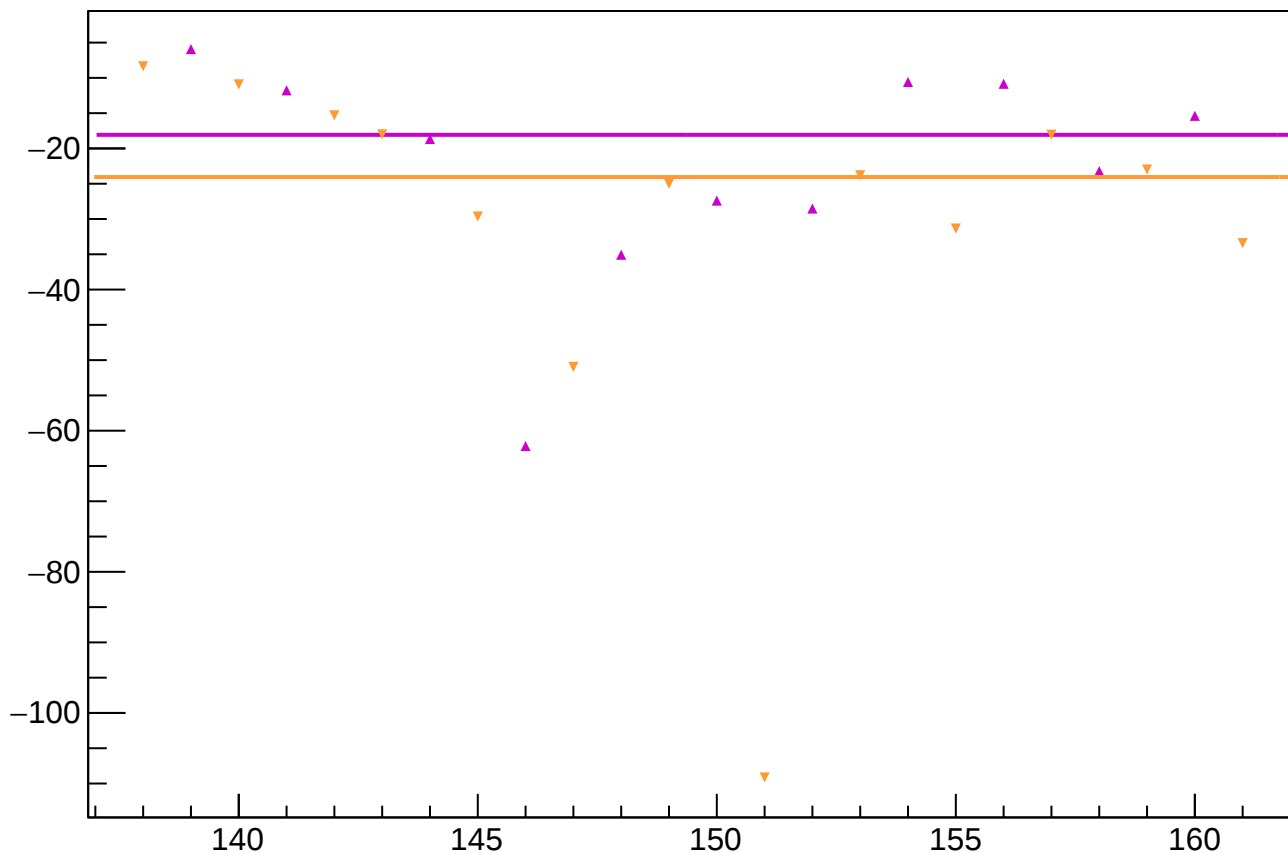
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.097 ± 0.002 χ^2/NDF : 3551.6/27

Out: 0.164 ± 0.002 χ^2/NDF : 4906.7/31

All: 0.127 ± 0.001 χ^2/NDF : 8991.7/59

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: -24.054+/-0.072 χ^2/NDF :52120.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.072+/-0.063 χ^2/NDF :36790.9/10

Left: -20.690+/-0.047 χ^2/NDF : 92816.4/23

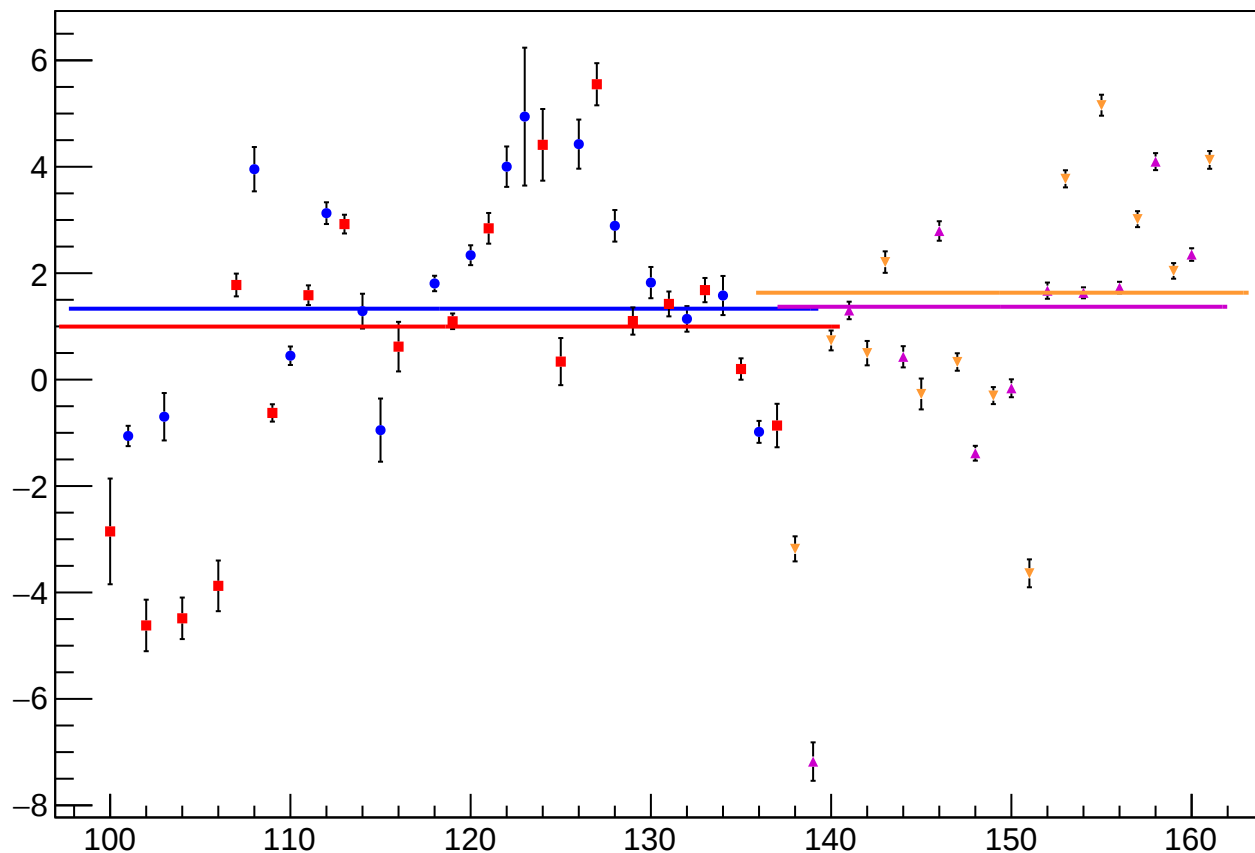
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.072+/-0.063 χ^2/NDF :36790.9/10

Out: -24.054+/-0.072 χ^2/NDF :52120.2/12

All: -20.690+/-0.047 χ^2/NDF : 92816.4/23

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: 1.633 ± 0.051 χ^2/NDF : 1942.2/12

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.369 ± 0.044 χ^2/NDF : 1497.8/10

Left: 1.482 ± 0.033 χ^2/NDF : 3455.4/23

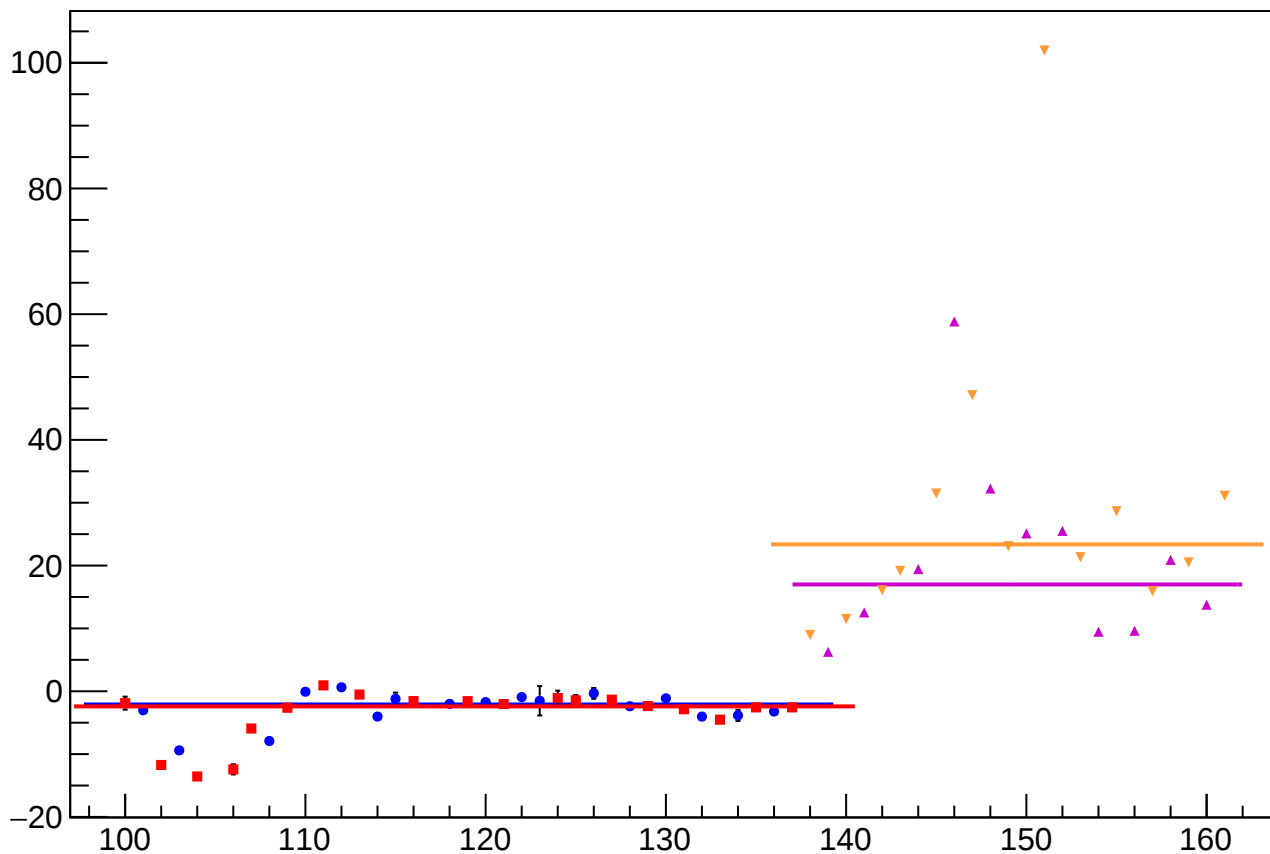
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.357 ± 0.036 χ^2/NDF : 2132.6/27

Out: 1.355 ± 0.038 χ^2/NDF : 2955.5/31

All: 1.356 ± 0.026 χ^2/NDF : 5088.1/59

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: 23.370 ± 0.070 χ^2/NDF : 46903.8/12

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 16.994 ± 0.061 χ^2/NDF : 34753.4/10

Left: 19.722 ± 0.046 χ^2/NDF : 86377.9/23

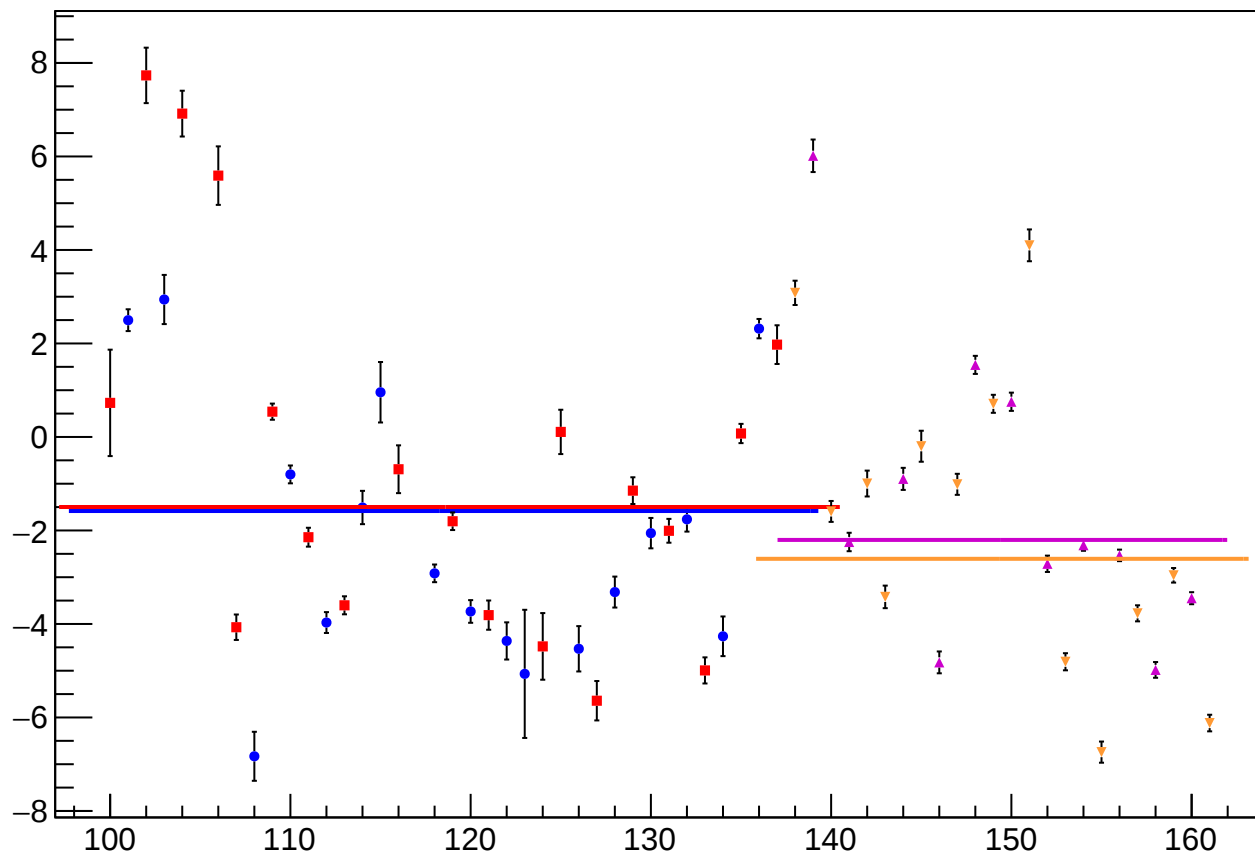
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 12.590 ± 0.053 χ^2/NDF : 58020.6/27

Out: 14.721 ± 0.057 χ^2/NDF : 93031.9/31

All: 13.579 ± 0.039 χ^2/NDF : 151795.5/59

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: -2.606 ± 0.059 χ^2/NDF : 2253.4/12

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.202 ± 0.051 χ^2/NDF : 1702.0/10

Left: -2.374 ± 0.039 χ^2/NDF : 3982.2/23

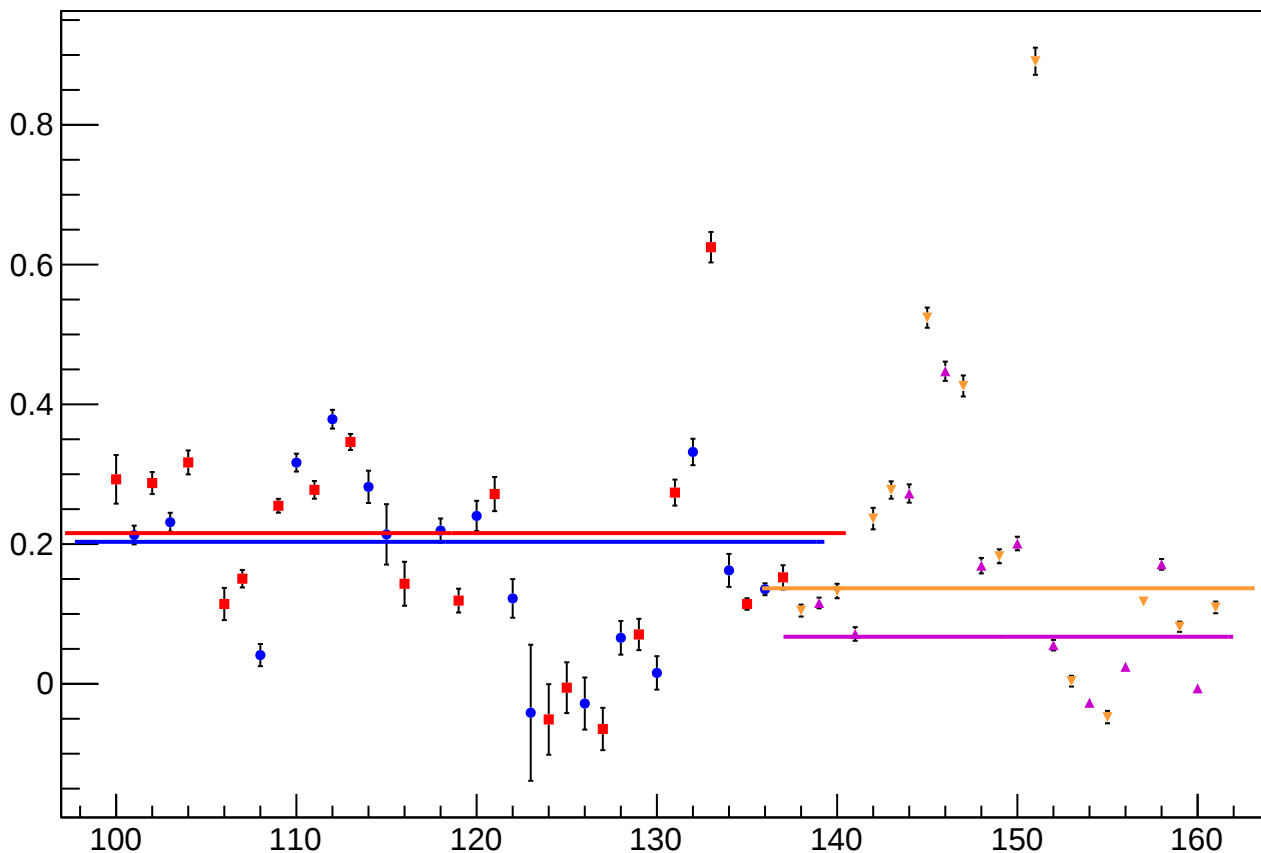
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.991 ± 0.041 χ^2/NDF : 3024.8/27

Out: -2.108 ± 0.044 χ^2/NDF : 3914.6/31

All: -2.046 ± 0.030 χ^2/NDF : 6943.2/59

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected

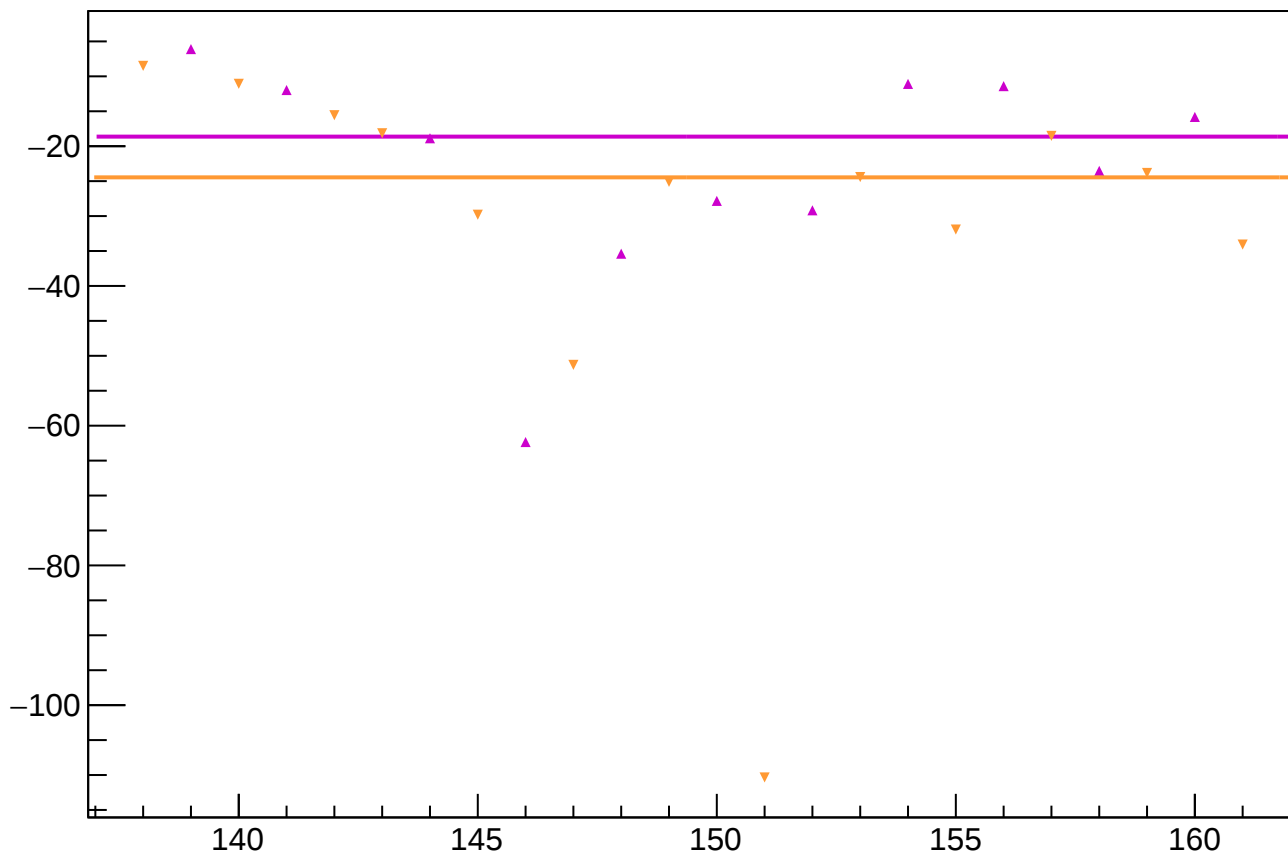


Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16
 Left Out: 0.137 $\pm$ 0.003 χ^2 /NDF:3600.0/12
 Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18
 Left In: 0.067 $\pm$ 0.002 χ^2 /NDF:2103.3/10

Left: 0.096 $\pm$ 0.002 χ^2 /NDF: 6106.8/23
 Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35
 In: 0.098 $\pm$ 0.002 χ^2 /NDF:3576.8/27
 Out: 0.164 $\pm$ 0.002 χ^2 /NDF:4940.7/31

All: 0.127 $\pm$ 0.001 χ^2 /NDF: 9038.5/59

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.458+/-0.073 χ^2/NDF :51997.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.628+/-0.065 χ^2/NDF :35753.4/10

Left: -21.203+/-0.048 χ^2/NDF : 91316.8/23

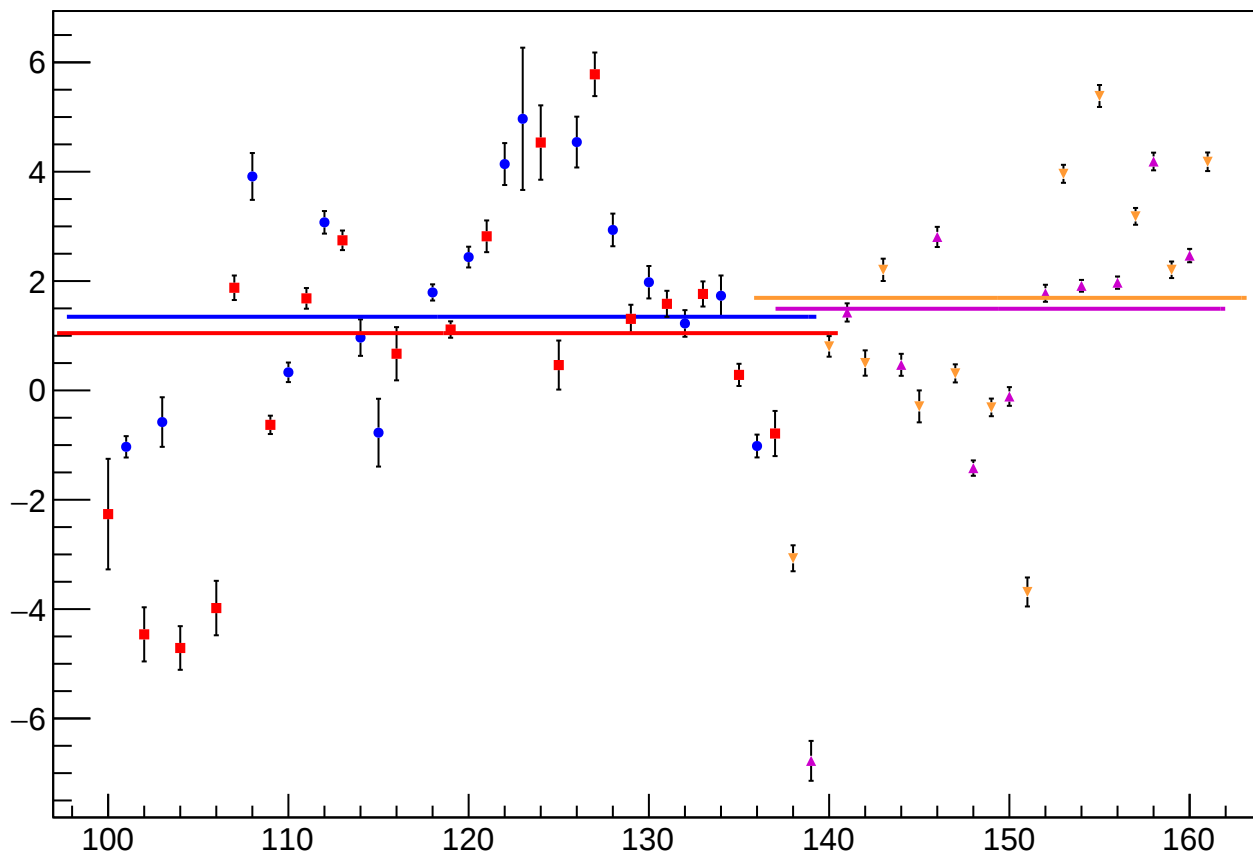
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.628+/-0.065 χ^2/NDF :35753.4/10

Out: -24.458+/-0.073 χ^2/NDF :51997.4/12

All: -21.203+/-0.048 χ^2/NDF : 91316.8/23

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: 1.693 ± 0.052 χ^2/NDF : 1986.0/12

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.493 ± 0.045 χ^2/NDF : 1484.1/10

Left: 1.579 ± 0.034 χ^2/NDF : 3478.5/23

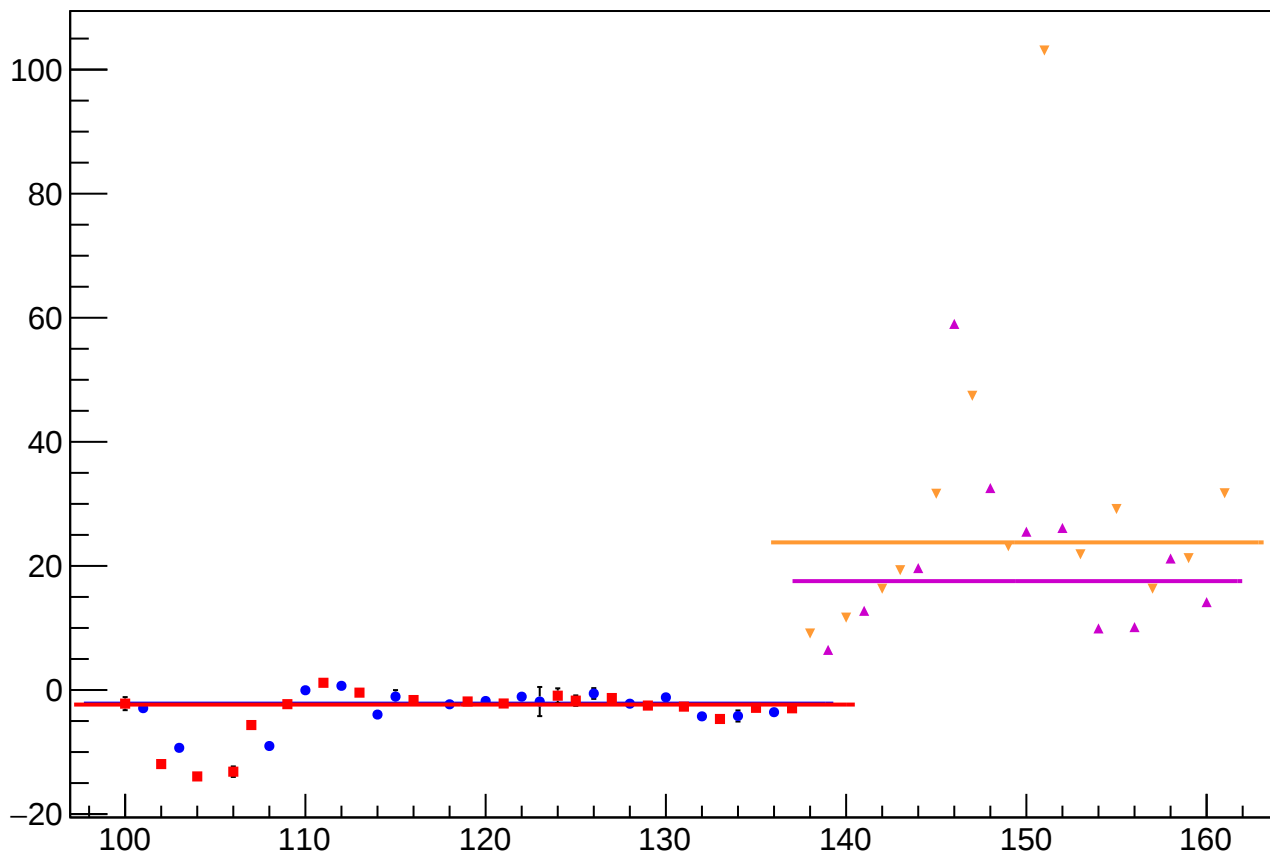
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.443 ± 0.036 χ^2/NDF : 2117.9/27

Out: 1.412 ± 0.039 χ^2/NDF : 2969.2/31

All: 1.429 ± 0.027 χ^2/NDF : 5087.4/59

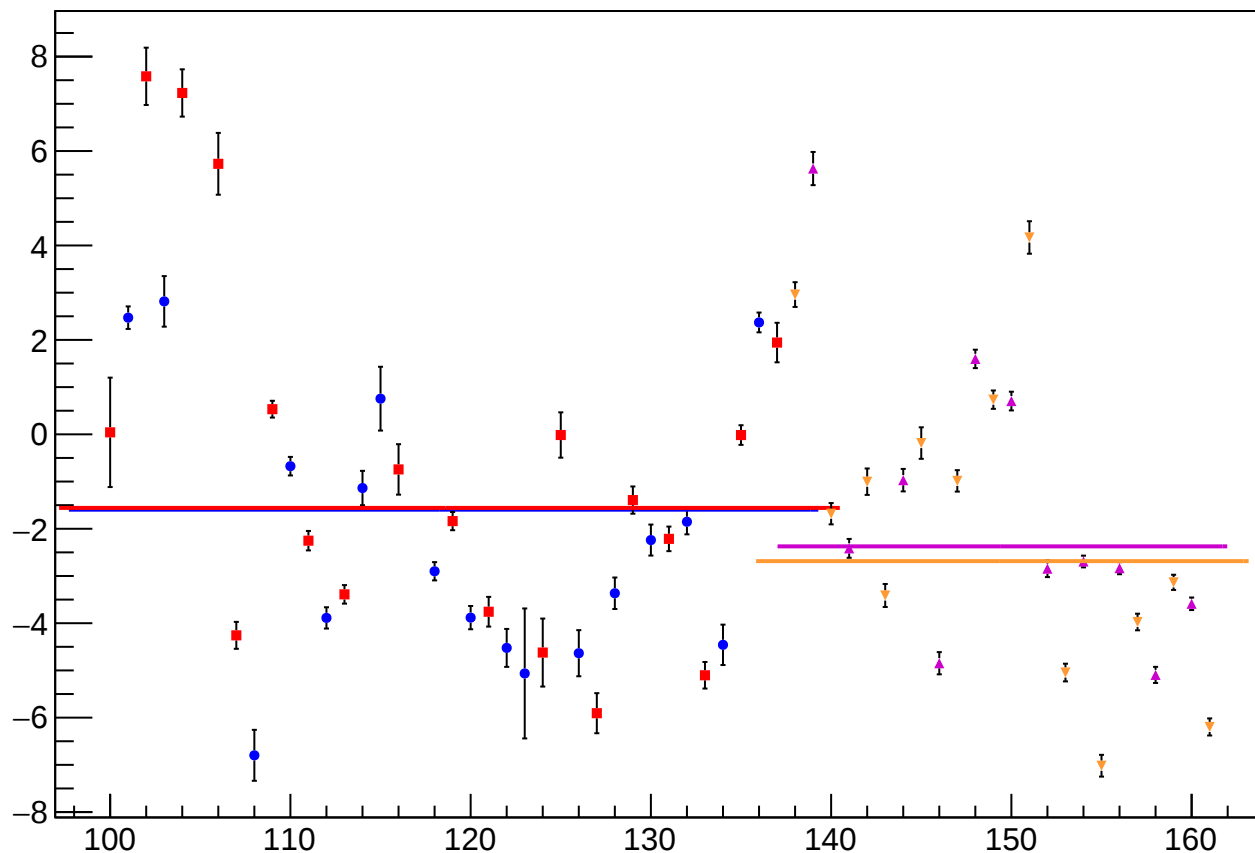
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.793 ± 0.071 $\chi^2/\text{NDF}: 46649.0/12$
 Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 17.550 ± 0.062 $\chi^2/\text{NDF}: 33629.5/10$

Left: 20.246 ± 0.047 $\chi^2/\text{NDF}: 84621.7/23$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 12.945 ± 0.055 $\chi^2/\text{NDF}: 57563.4/27$
 Out: 15.068 ± 0.058 $\chi^2/\text{NDF}: 92302.2/31$
 All: 13.936 ± 0.040 $\chi^2/\text{NDF}: 150574.1/59$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.685 ± 0.060 χ^2/NDF : 2297.0/12

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.373 ± 0.052 χ^2/NDF : 1683.5/10

Left: -2.507 ± 0.039 χ^2/NDF : 3995.9/23

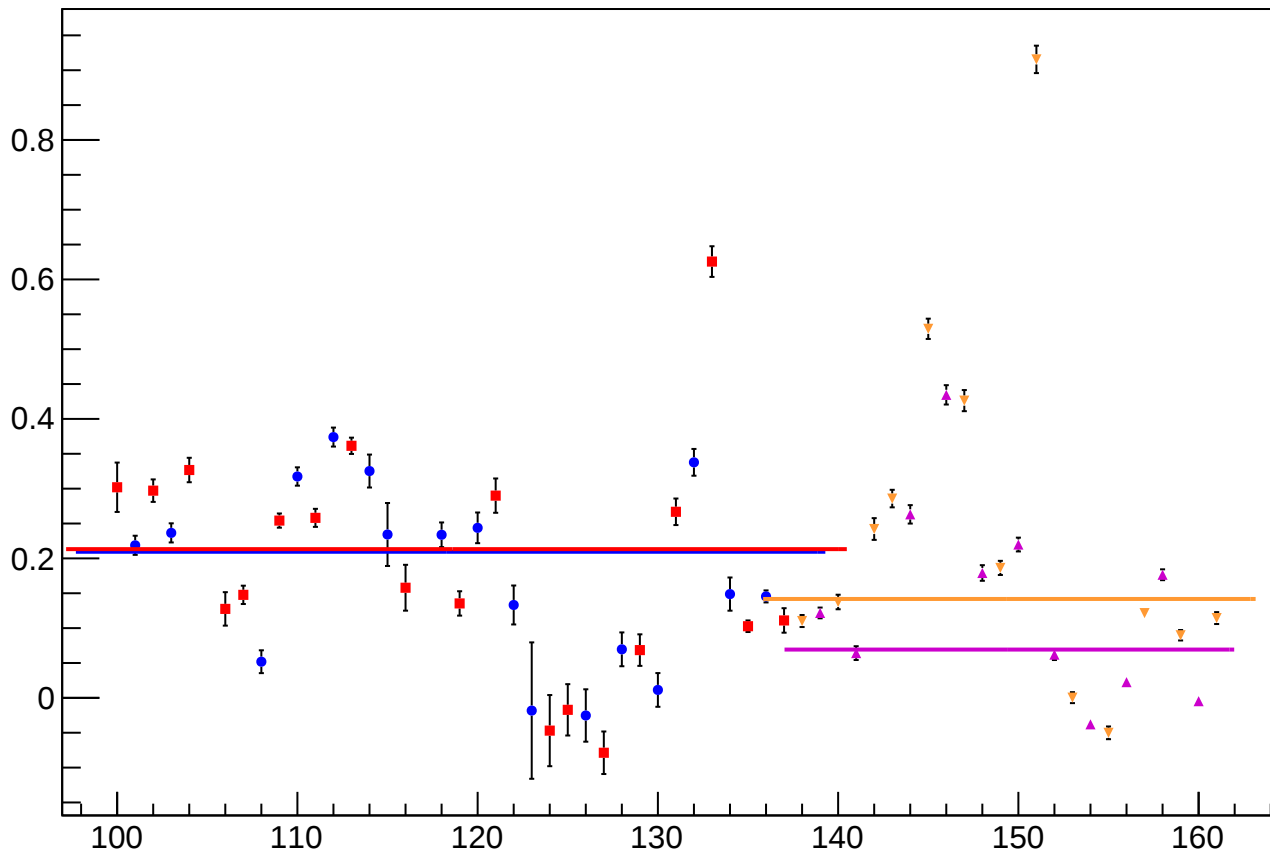
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.104 ± 0.042 χ^2/NDF : 3015.8/27

Out: -2.181 ± 0.045 χ^2/NDF : 3917.8/31

All: -2.140 ± 0.031 χ^2/NDF : 6935.1/59

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.142 $\pm$ 0.003 χ^2 /NDF:3650.1/12

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:2142.8/10

Left: 0.099 $\pm$ 0.002 χ^2 /NDF: 6215.6/23

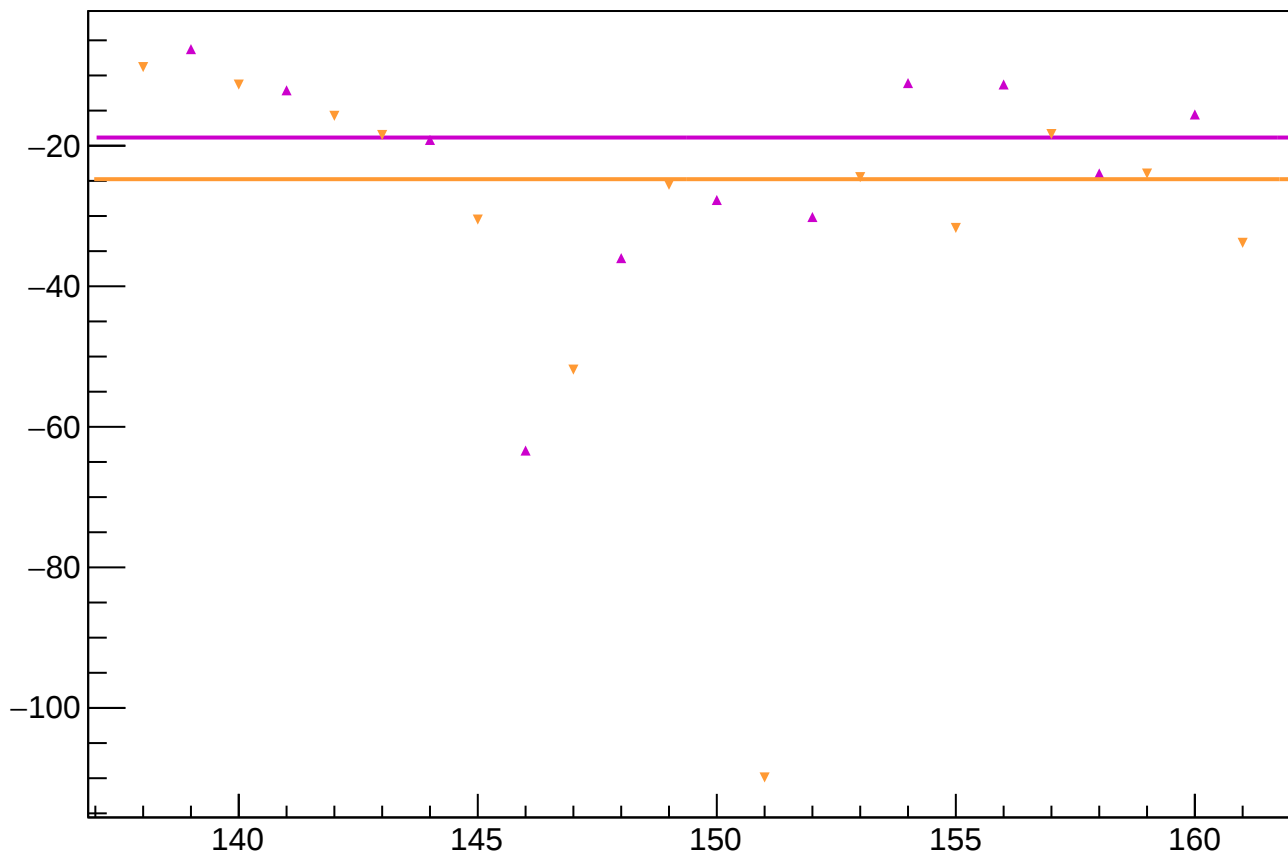
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.101 $\pm$ 0.002 χ^2 /NDF:3602.0/27

Out: 0.166 $\pm$ 0.002 χ^2 /NDF:4991.9/31

All: 0.130 $\pm$ 0.001 χ^2 /NDF: 9079.3/59

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: -24.760 ± 0.074 χ^2/NDF : $51088.7/12$

Right Out: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

Left In: -18.833 ± 0.066 χ^2/NDF : $36127.1/10$

Left: -21.465 ± 0.049 χ^2/NDF : $90796.1/23$

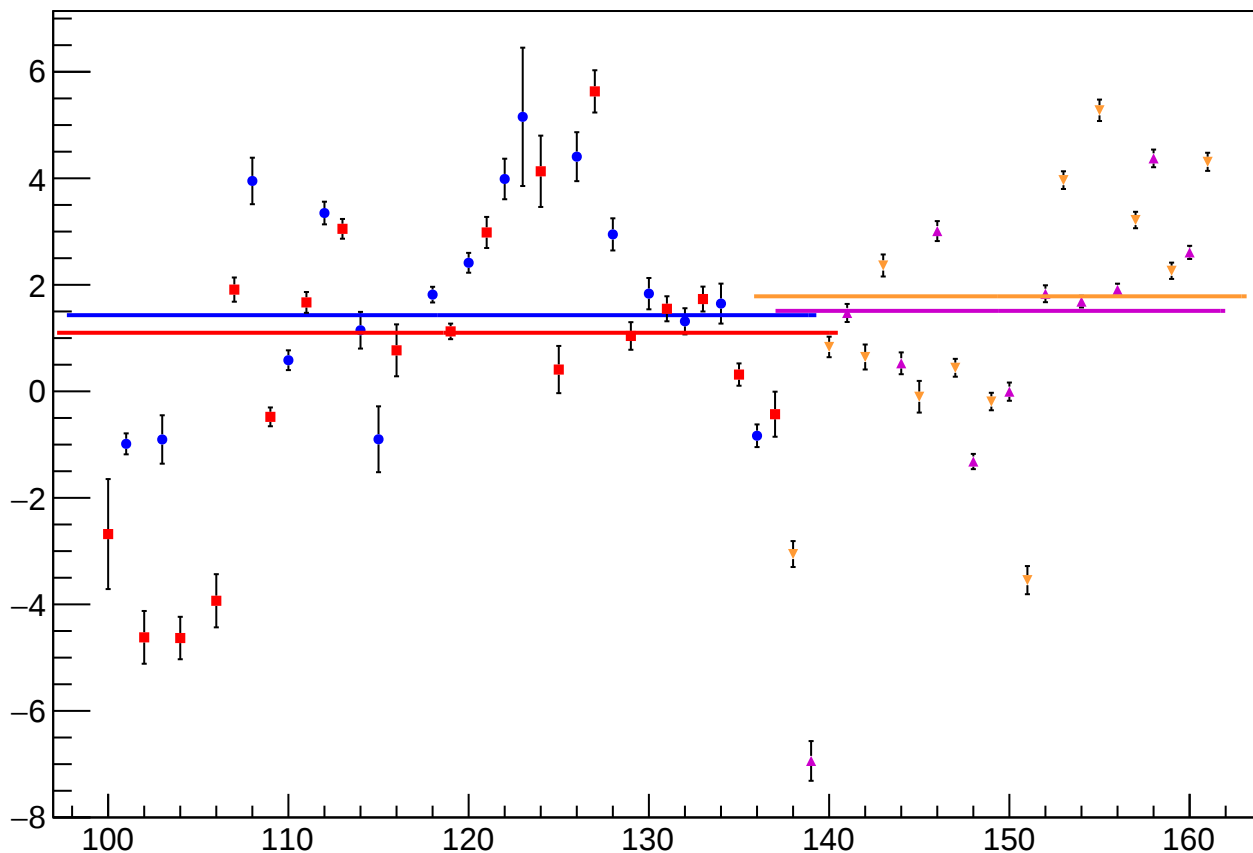
Right: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

In: -18.833 ± 0.066 χ^2/NDF : $36127.1/10$

Out: -24.760 ± 0.074 χ^2/NDF : $51088.7/12$

All: -21.465 ± 0.049 χ^2/NDF : $90796.1/23$

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: 1.784 ± 0.052 χ^2/NDF : 1896.7/12

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.511 ± 0.046 χ^2/NDF : 1465.6/10

Left: 1.629 ± 0.034 χ^2/NDF : 3377.8/23

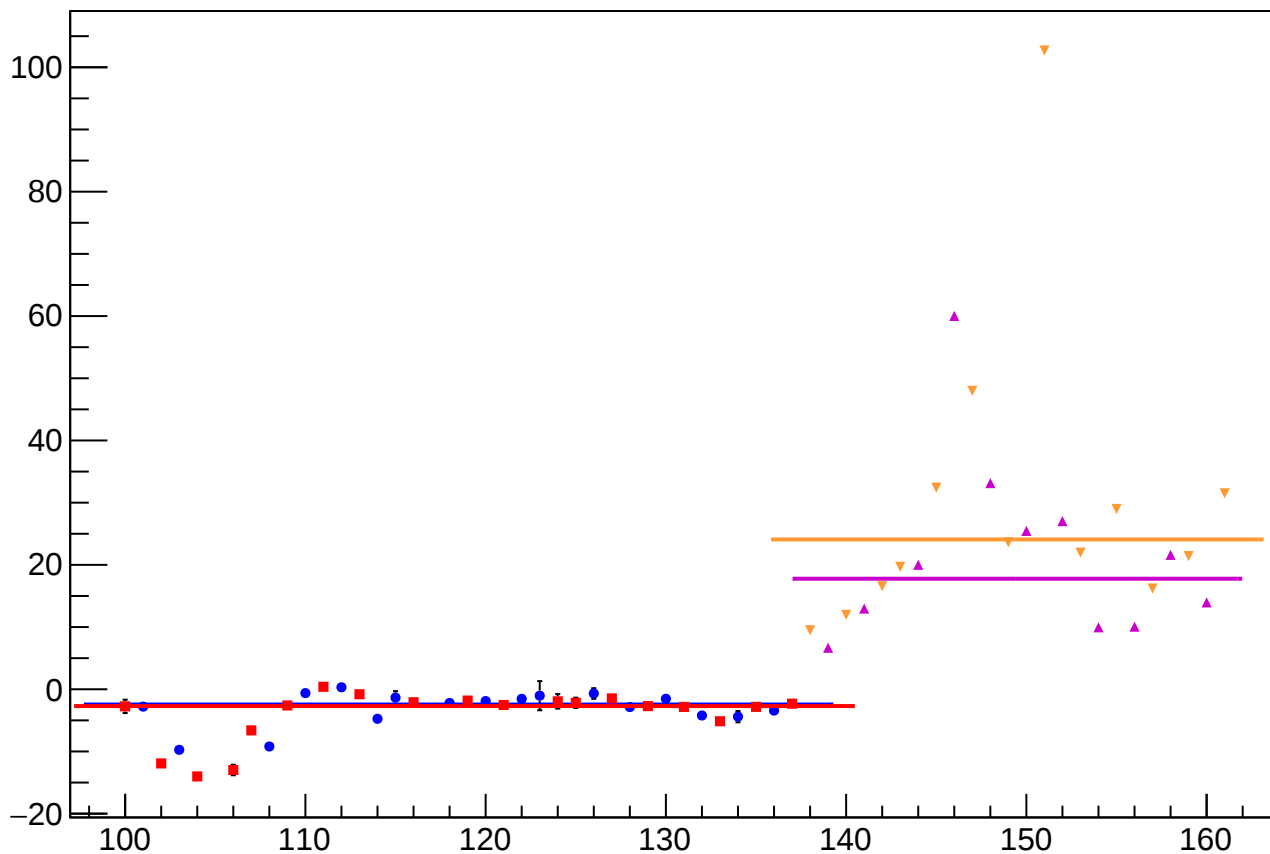
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.483 ± 0.037 χ^2/NDF : 2064.8/27

Out: 1.488 ± 0.039 χ^2/NDF : 2871.6/31

All: 1.485 ± 0.027 χ^2/NDF : 4936.4/59

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 $\pm$ 0.115 χ^2/NDF : 419.1/16

Left Out: 24.085 $\pm$ 0.072 χ^2/NDF :45971.7/12

Right Out: -2.700 $\pm$ 0.103 χ^2/NDF : 829.7/18

Left In: 17.774 $\pm$ 0.063 χ^2/NDF :34034.9/10

Left: 20.516 $\pm$ 0.048 χ^2/NDF : 84324.9/23

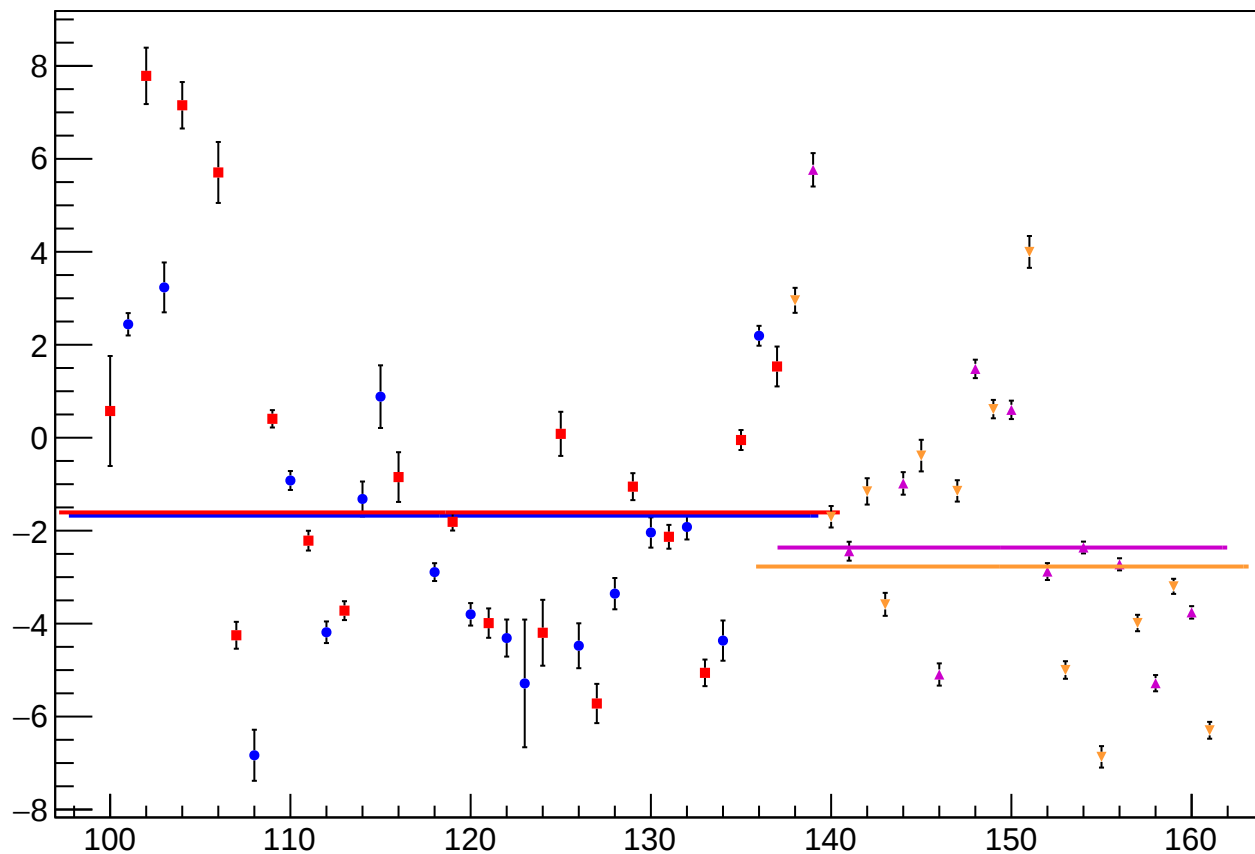
Right: -2.591 $\pm$ 0.077 χ^2/NDF : 1251.4/35

In: 13.042 $\pm$ 0.055 χ^2/NDF :58343.3/27

Out: 15.268 $\pm$ 0.059 χ^2/NDF :92088.2/31

All: 14.082 $\pm$ 0.040 χ^2/NDF : 151185.7/59

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.772 ± 0.061 χ^2/NDF : 2187.1/12

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.363 ± 0.053 χ^2/NDF : 1675.7/10

Left: -2.539 ± 0.040 χ^2/NDF : 3888.5/23

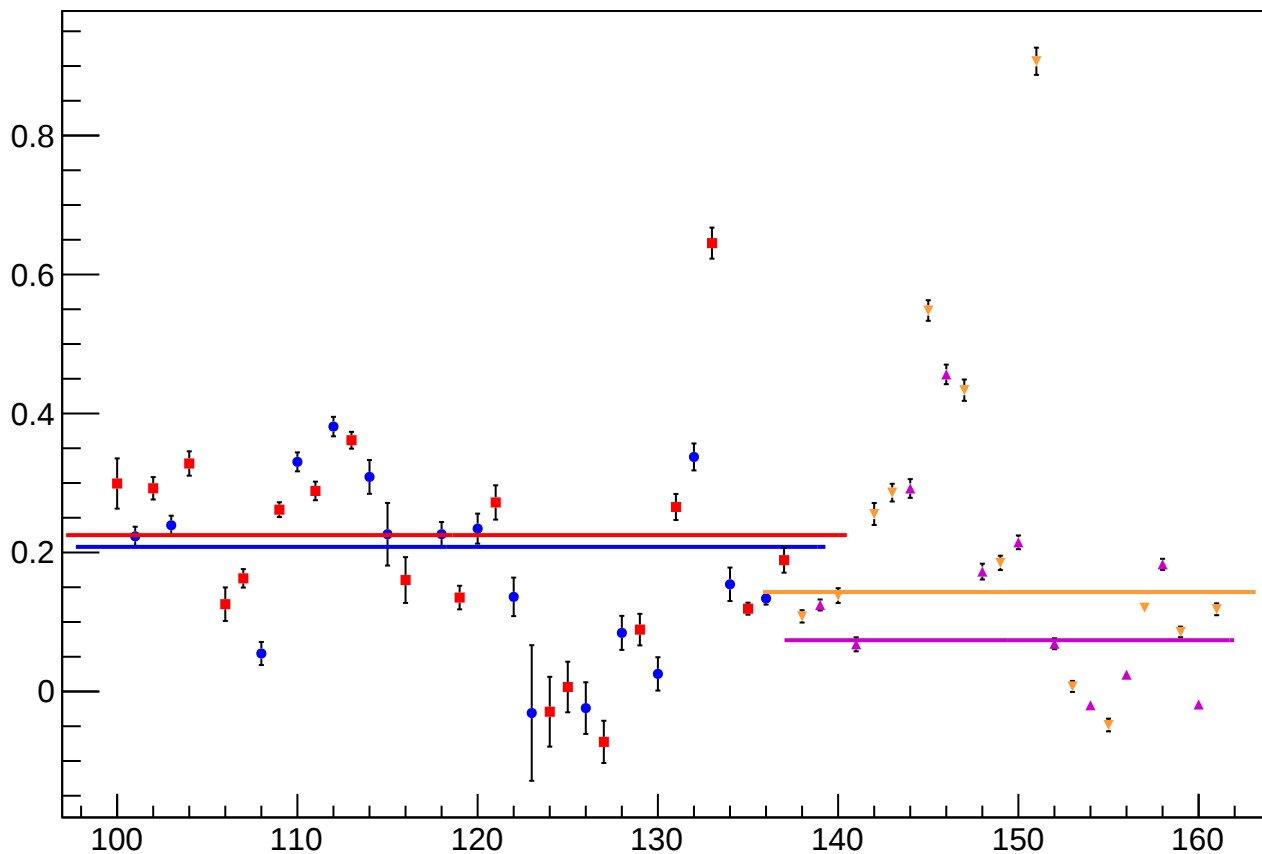
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.124 ± 0.043 χ^2/NDF : 2938.9/27

Out: -2.253 ± 0.045 χ^2/NDF : 3781.0/31

All: -2.185 ± 0.031 χ^2/NDF : 6724.3/59

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16
 Left Out: 0.143 ± 0.003 χ^2/NDF : 3648.4/12
 Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18
 Left In: 0.074 ± 0.002 χ^2/NDF : 2141.1/10

Left: 0.103 ± 0.002 χ^2/NDF : 6165.7/23
 Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35
 In: 0.104 ± 0.002 χ^2/NDF : 3508.9/27
 Out: 0.171 ± 0.002 χ^2/NDF : 4951.0/31
 All: 0.134 ± 0.001 χ^2/NDF : 8947.8/59