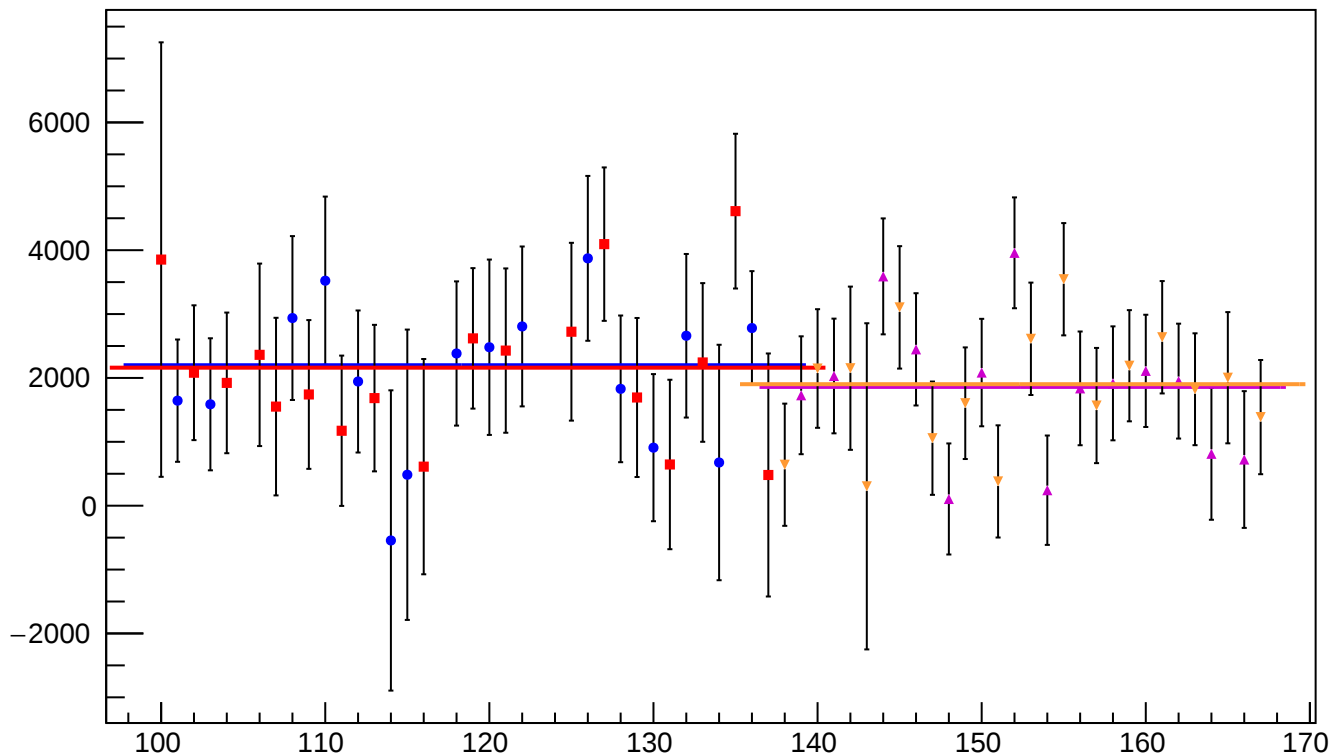


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1902.100+/-236.245

Right Out: 2160.742+/-303.587

Left In: 1859.828+/-241.028

χ^2/NDF : 8.6/15

χ^2/NDF :13.3/15

χ^2/NDF : 11.7/17

χ^2/NDF :20.0/13

Left: 1881.388+/-168.716

Right: 2179.612+/-215.784

In: 1989.243+/-189.525

Out: 1999.651+/-186.444

All: 1994.532+/-132.912

χ^2/NDF : 33.3/29

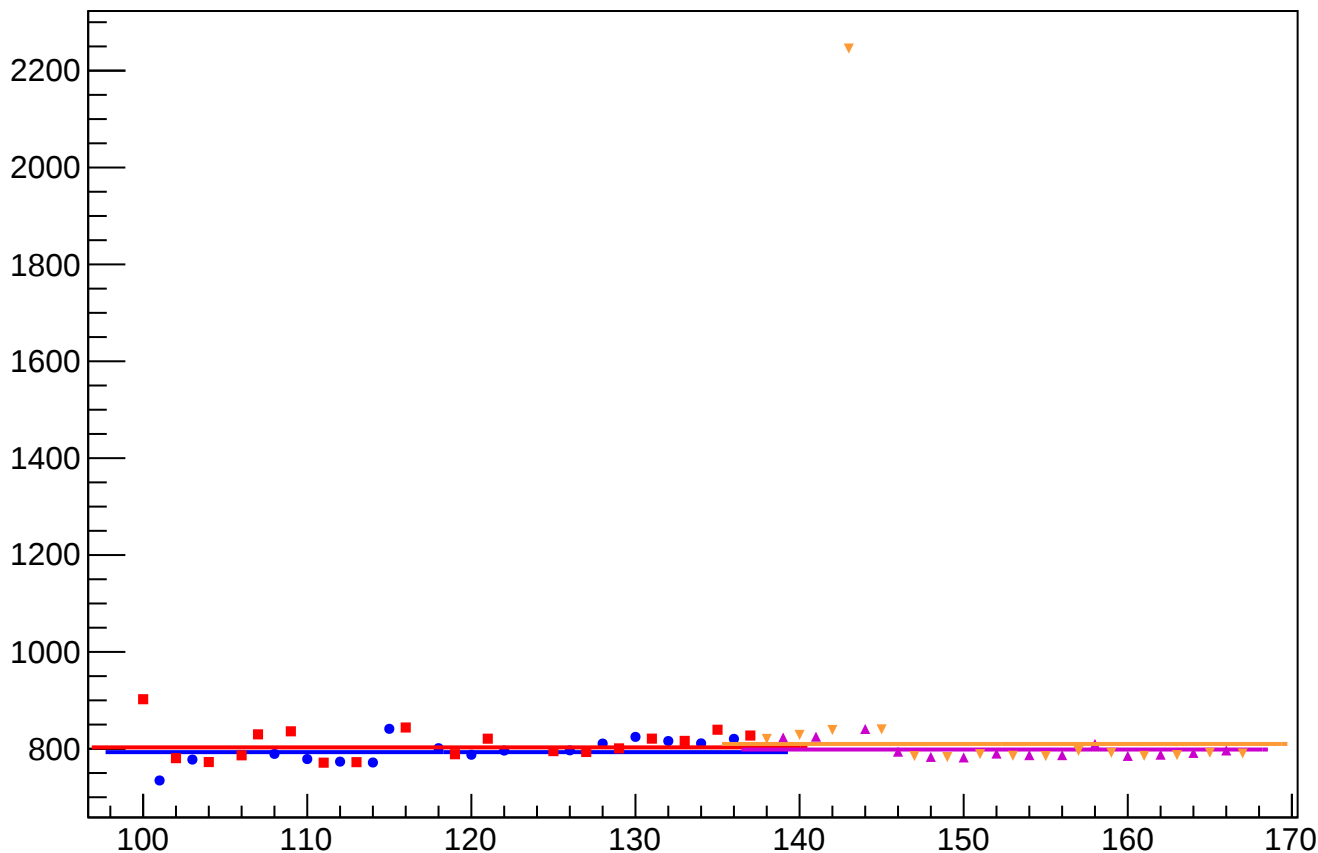
χ^2/NDF : 20.3/33

χ^2/NDF :29.3/29

χ^2/NDF :25.4/33

χ^2/NDF : 54.7/63

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 810.003+/-0.167 χ^2/NDF : 650153.3/15

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

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

Left: 804.363+/-0.119 χ^2/NDF : 663503.2/29

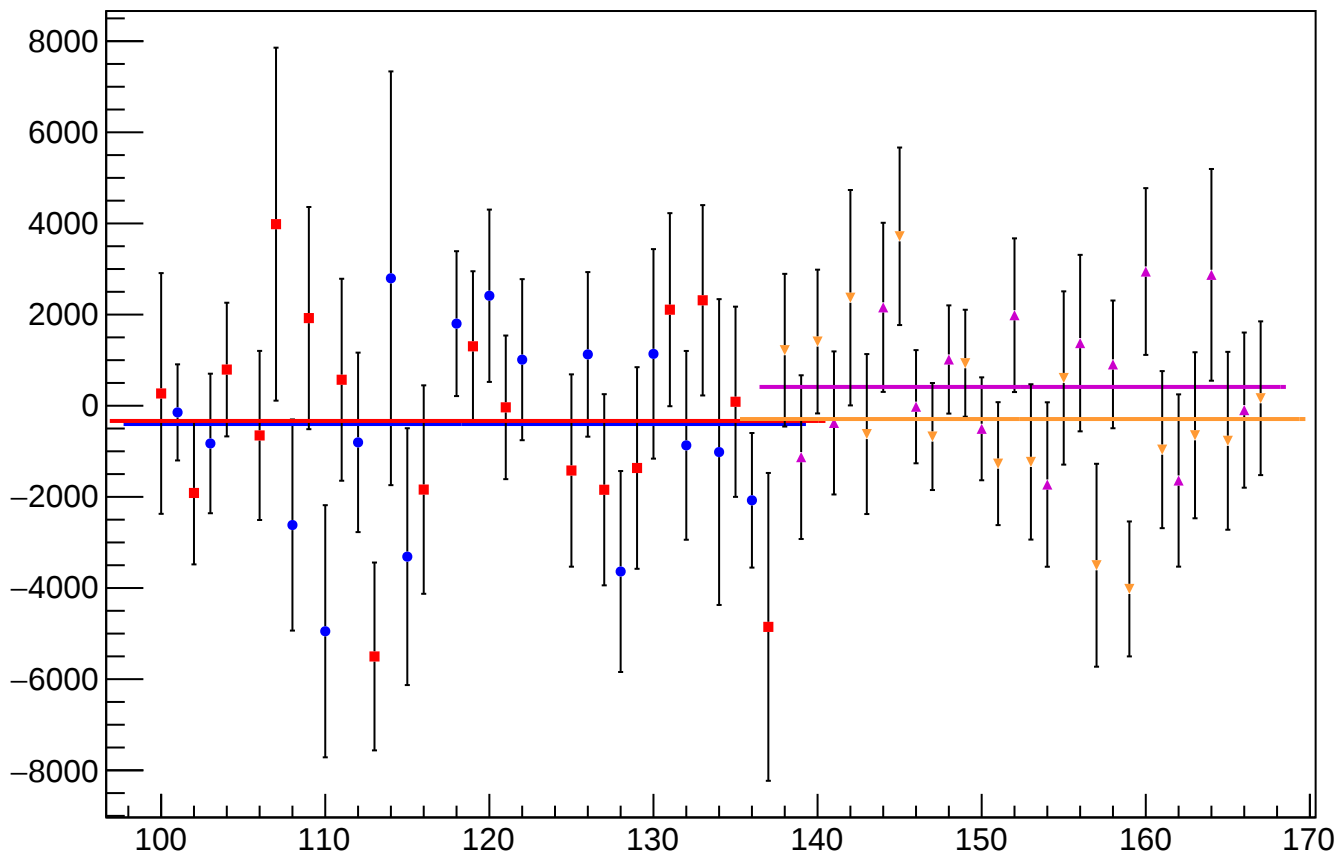
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 796.431+/-0.134 χ^2/NDF : 26110.5/29

Out: 807.341+/-0.132 χ^2/NDF : 665271.8/33

All: 801.975+/-0.094 χ^2/NDF : 694750.4/63

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -291.794 $\pm$ 406.304 χ^2 /NDF:18.5/15

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

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

Left: 49.487 $\pm$ 291.742 χ^2 /NDF: 29.8/29

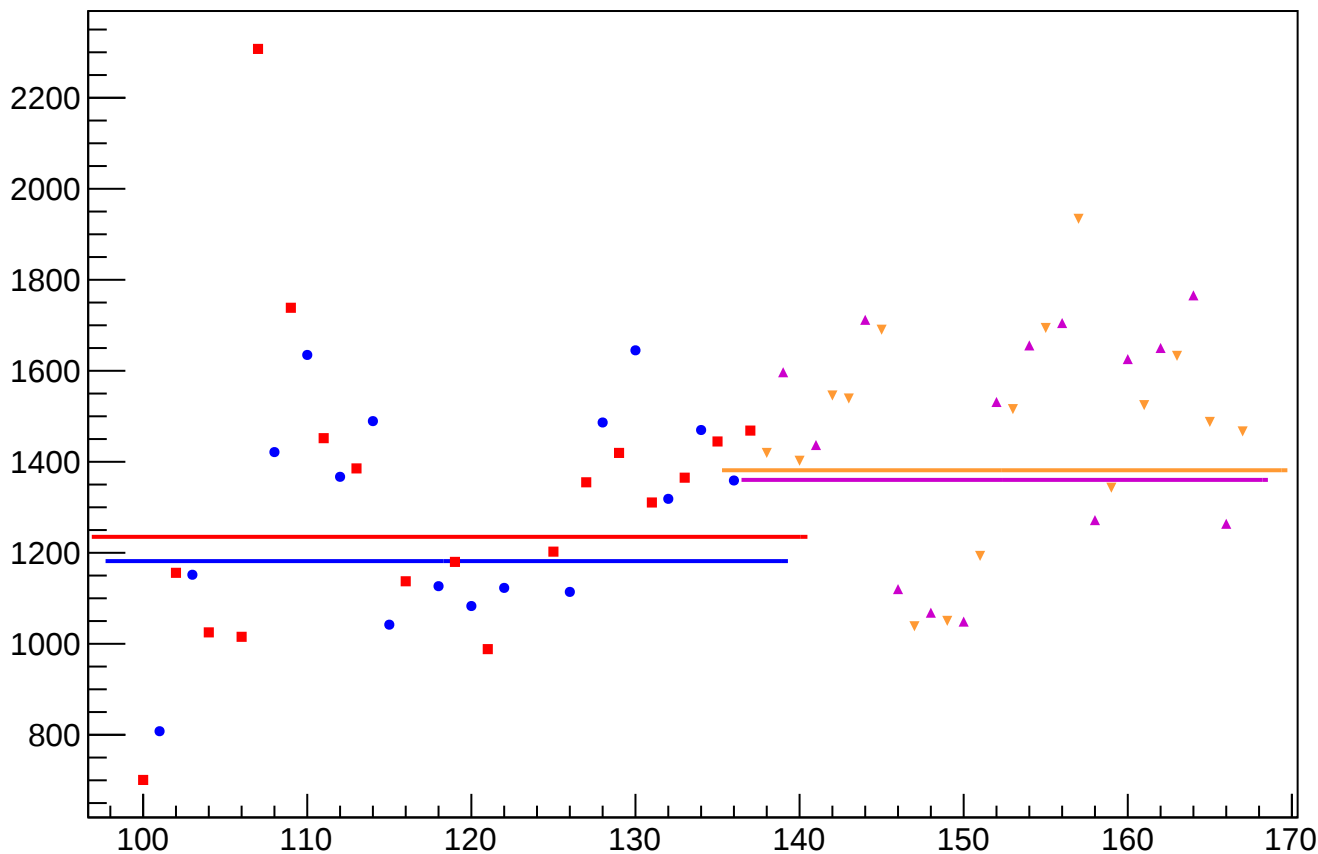
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

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

Out: -309.477 $\pm$ 309.707 χ^2 /NDF:36.0/33

All: -130.878 $\pm$ 219.955 χ^2 /NDF: 63.0/63

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1381.409 $\pm$ 0.287 χ^2 /NDF: 700192.1/15

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

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

Left: 1371.158 $\pm$ 0.206 χ^2 /NDF: 1463962.4/29

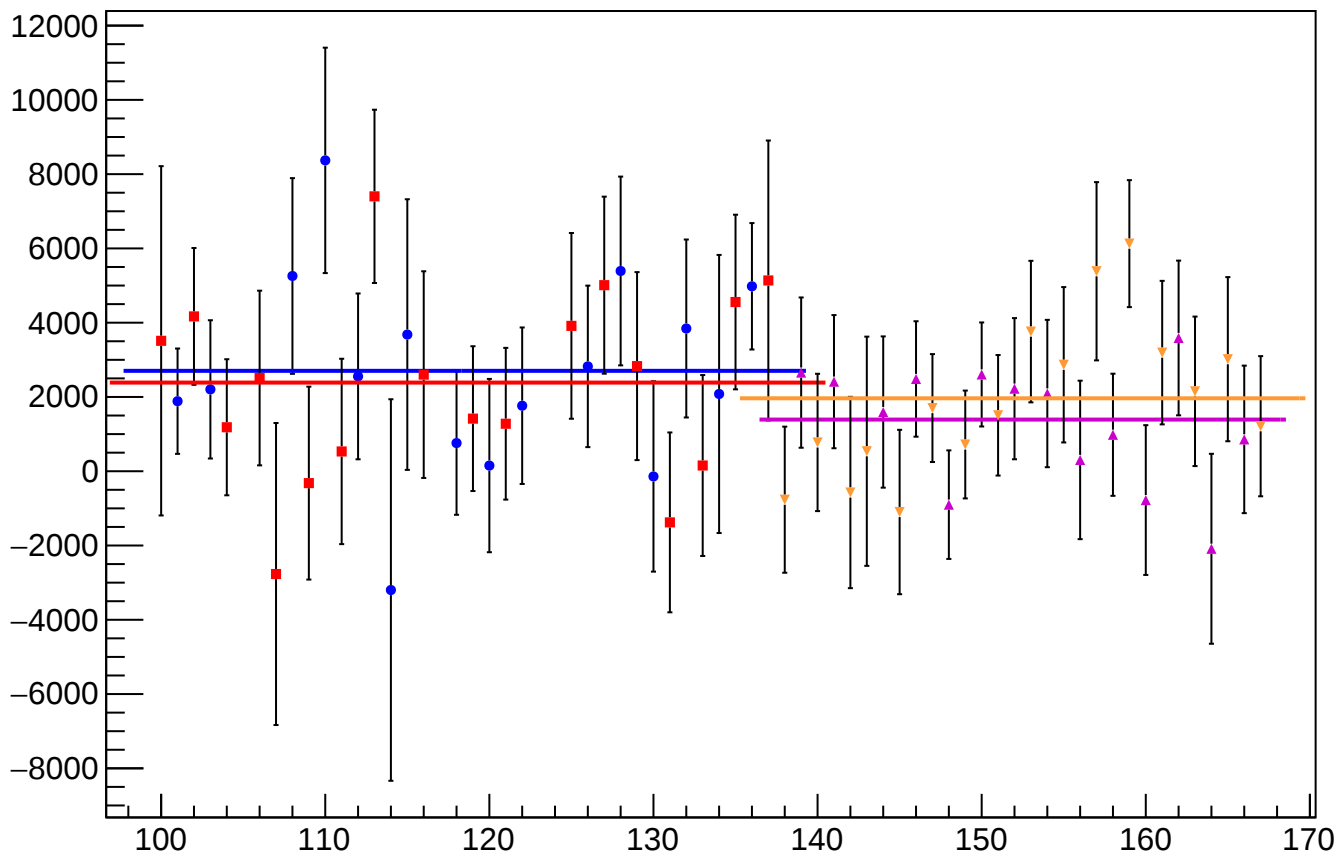
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

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

Out: 1320.107 $\pm$ 0.219 χ^2 /NDF: 1349109.4/33

All: 1300.689 $\pm$ 0.156 χ^2 /NDF: 2830756.3/63

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 1964.286+/-479.001 χ^2/NDF : 16.1/15

Right Out: 2387.341+/-569.264 χ^2/NDF : 16.1/17

Left In: 1391.117+/-488.444 χ^2/NDF : 9.3/13

Left: 1683.296+/-341.995 χ^2/NDF : 26.1/29

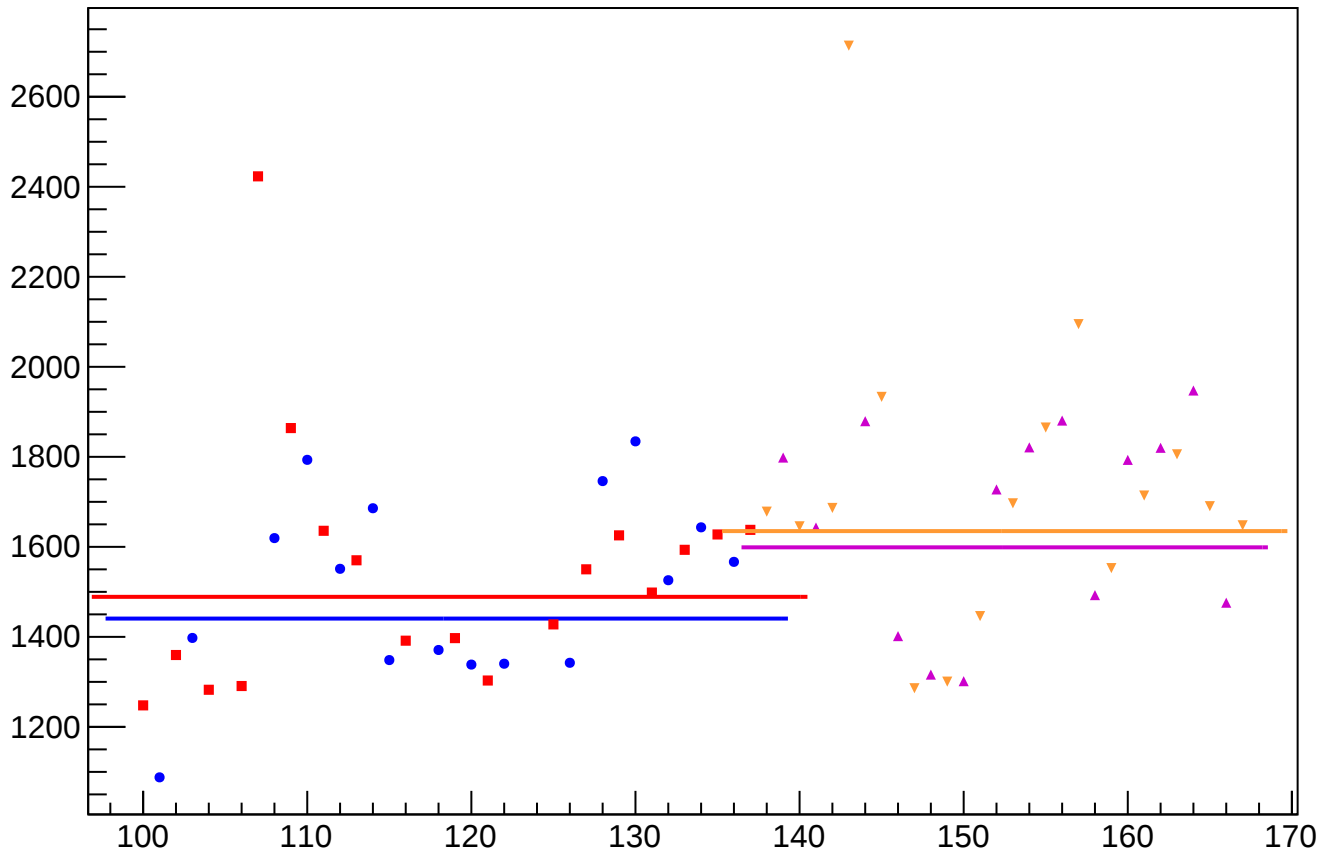
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 1953.080+/-369.369 χ^2/NDF : 25.4/29

Out: 2139.654+/-366.514 χ^2/NDF : 32.5/33

All: 2047.091+/-260.168 χ^2/NDF : 58.1/63

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1635.003 $\pm$ 0.339 χ^2/NDF : 654495.4/15

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

Left In: 1598.917 $\pm$ 0.345 χ^2/NDF : 419093.1/13

Left: 1617.312 $\pm$ 0.242 χ^2/NDF : 1079153.3/29

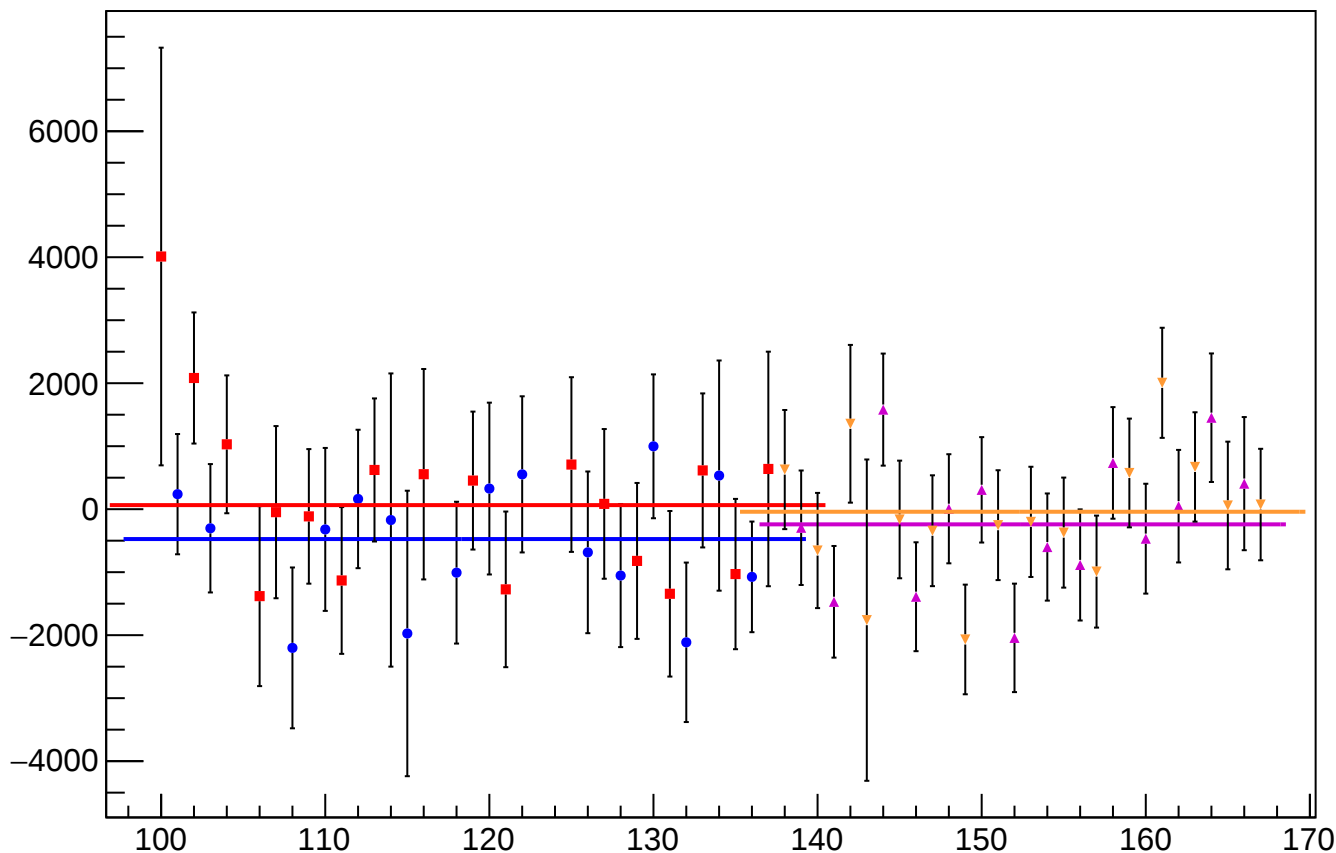
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1531.158 $\pm$ 0.261 χ^2/NDF : 791253.5/29

Out: 1574.457 $\pm$ 0.259 χ^2/NDF : 988422.1/33

All: 1552.976 $\pm$ 0.184 χ^2/NDF : 1793524.2/63

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -40.625 ± 233.811 χ^2/NDF : 16.3/15

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

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

Left: -138.656 ± 167.003 χ^2/NDF : 34.6/29

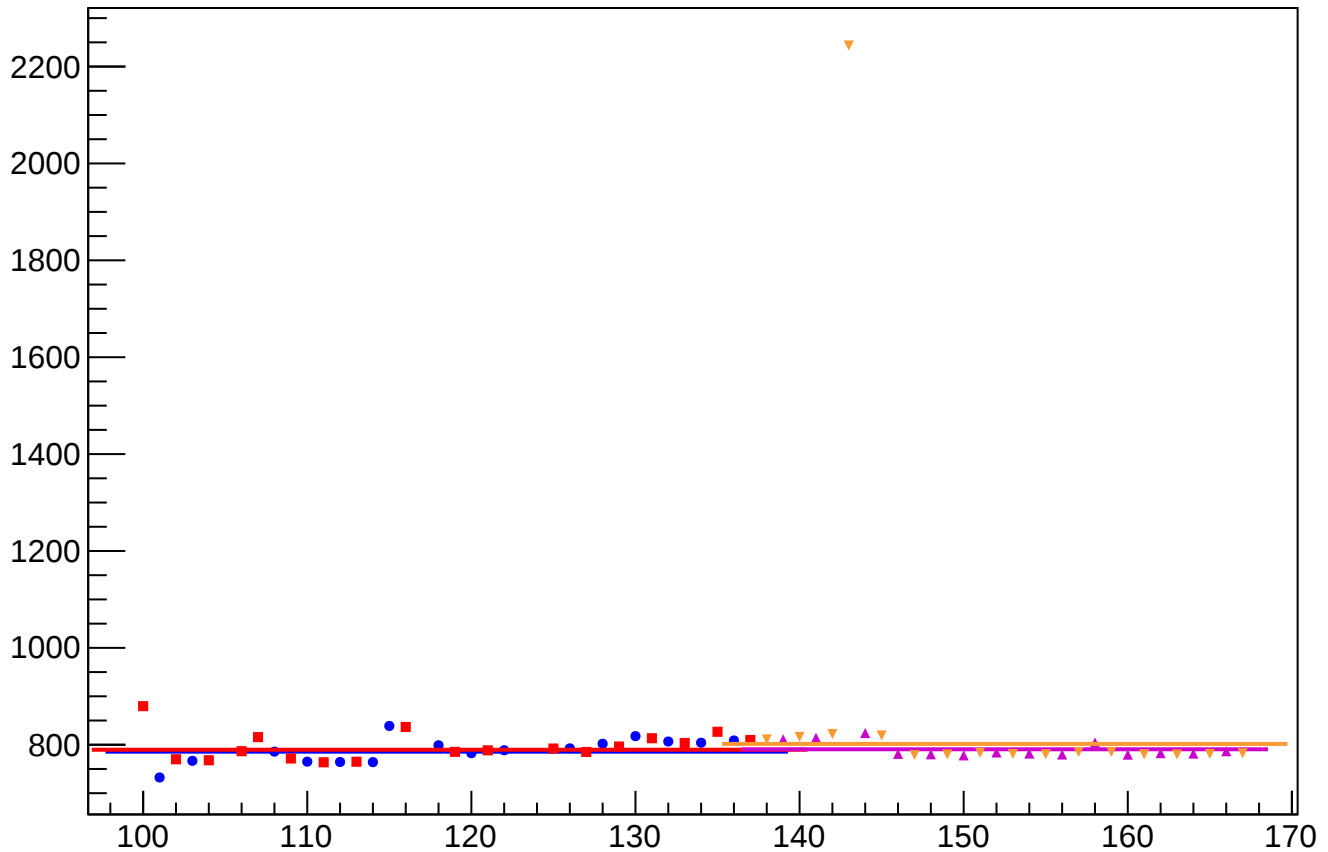
Right: -199.789 ± 212.921 χ^2/NDF : 23.2/33

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

Out: -0.564 ± 184.042 χ^2/NDF : 29.1/33

All: -161.940 ± 131.405 χ^2/NDF : 57.9/63

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 801.724 $\pm$ 0.165 χ^2 /NDF: 652402.0/15

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

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

Left: 796.282 $\pm$ 0.118 χ^2 /NDF: 662678.2/29

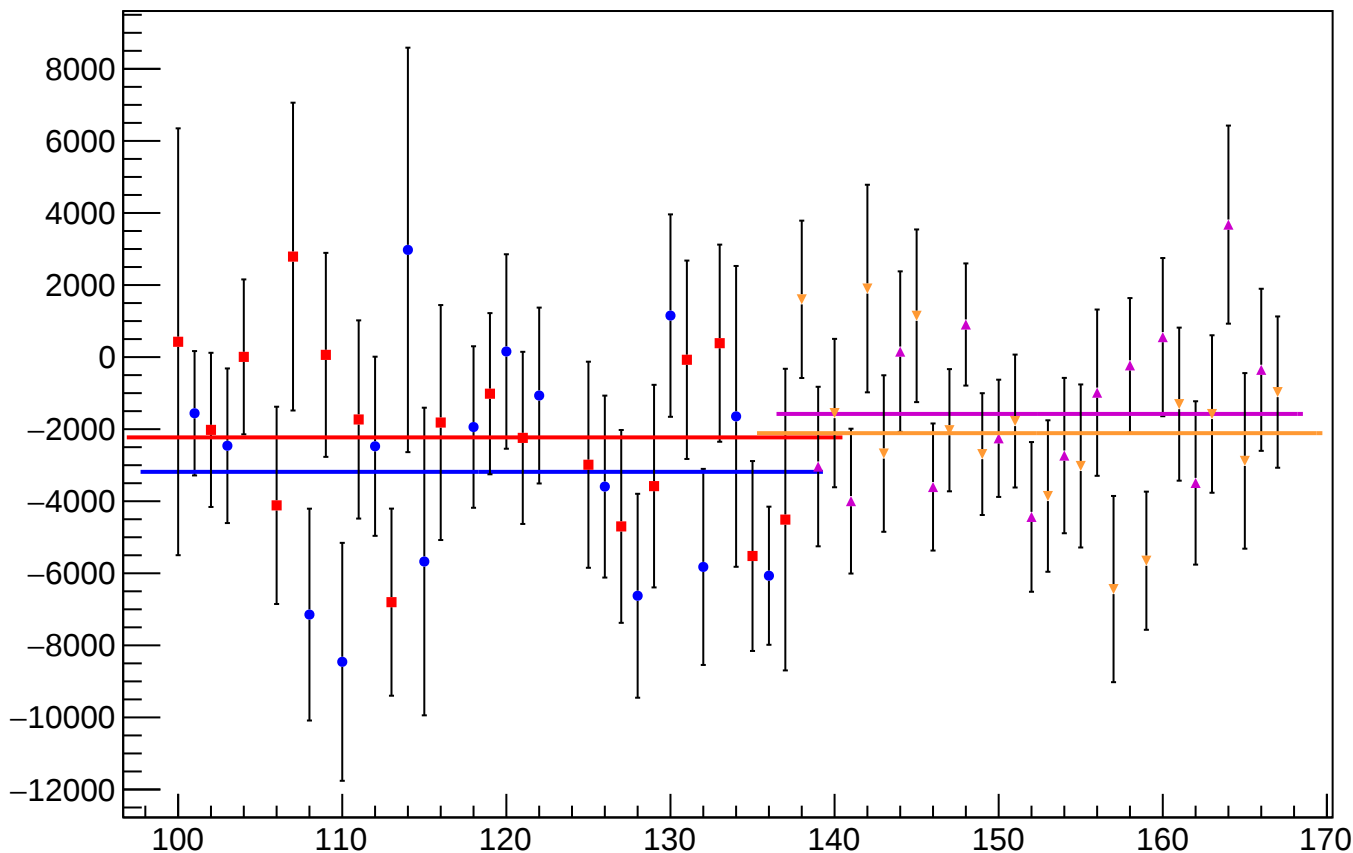
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 797.141 $\pm$ 0.130 χ^2 /NDF: 665432.6/33

All: 793.031 $\pm$ 0.093 χ^2 /NDF: 689769.7/63

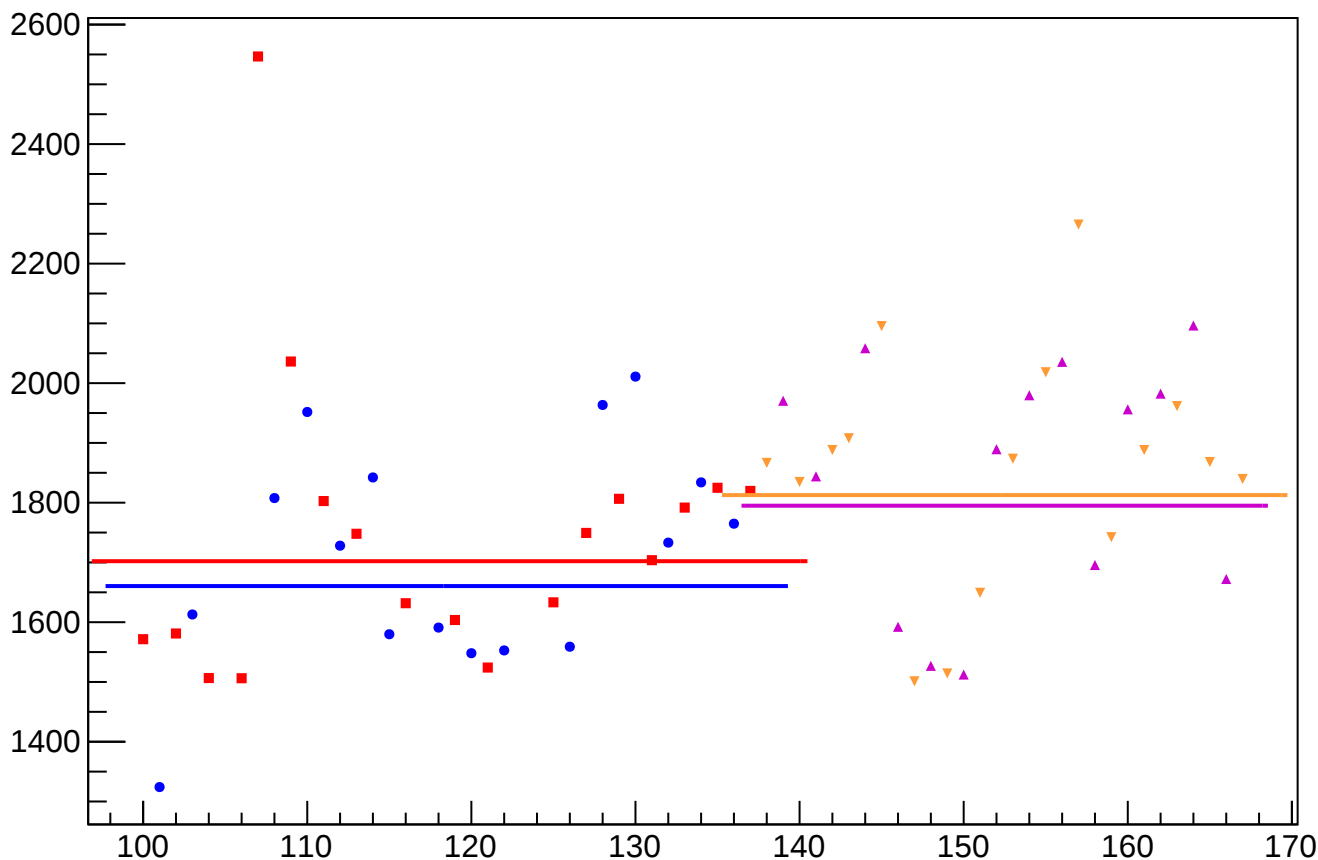
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2110.780 ± 526.056 $\chi^2/\text{NDF}: 14.6/15$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1576.875 ± 546.045 $\chi^2/\text{NDF}: 14.5/13$

Left: -1853.779 ± 378.847 $\chi^2/\text{NDF}: 29.6/29$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2245.191 ± 417.390 $\chi^2/\text{NDF}: 34.9/29$
 Out: -2157.378 ± 408.427 $\chi^2/\text{NDF}: 26.4/33$
 All: -2200.332 ± 291.919 $\chi^2/\text{NDF}: 61.4/63$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1812.689 $\pm$ 0.372 χ^2 /NDF: 275472.7/15

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

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

Left: 1804.144 $\pm$ 0.268 χ^2 /NDF: 555737.2/29

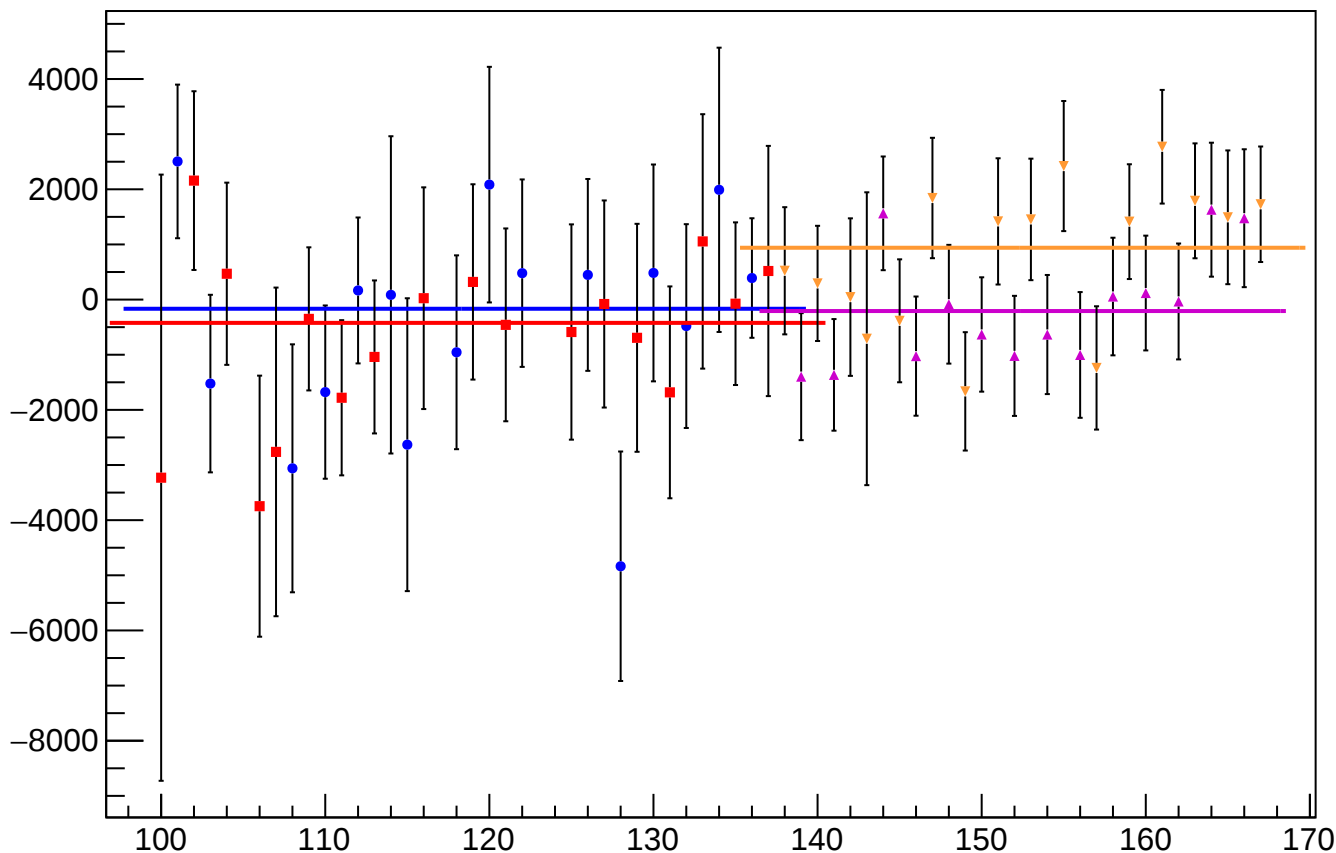
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

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

Out: 1768.761 $\pm$ 0.289 χ^2 /NDF: 482590.7/33

All: 1754.220 $\pm$ 0.206 χ^2 /NDF: 996573.0/63

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 939.971 ± 285.189 $\chi^2/\text{NDF}: 19.9/15$

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

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

Left: 377.541 ± 203.655 $\chi^2/\text{NDF}: 39.4/29$

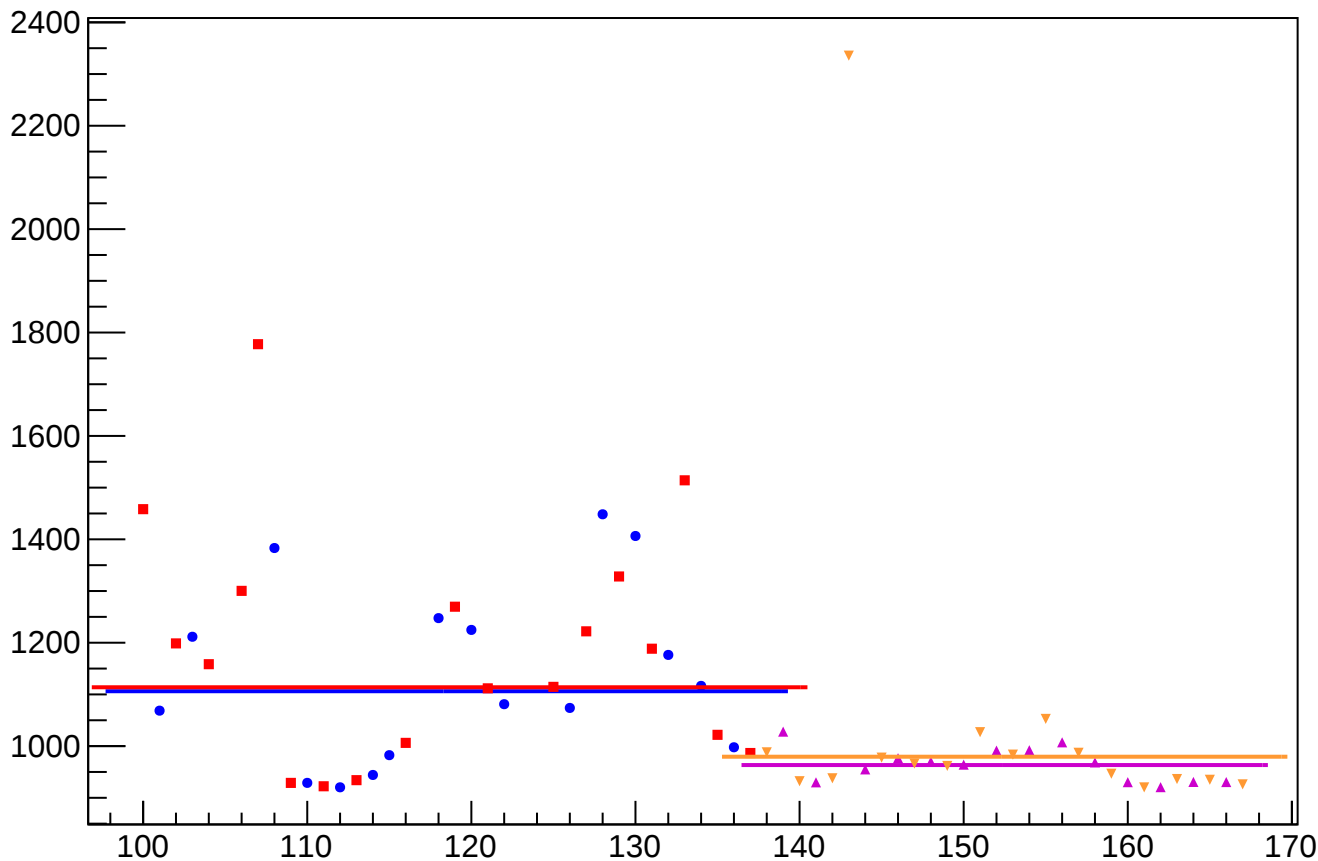
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

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

Out: 520.165 ± 237.212 $\chi^2/\text{NDF}: 35.0/33$

All: 168.950 ± 169.204 $\chi^2/\text{NDF}: 66.7/63$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 979.497+/-0.202 χ^2/NDF : 559634.5/15

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

Left In: 963.369+/-0.206 χ^2/NDF : 22907.0/13

Left: 971.593+/-0.144 χ^2/NDF : 585676.3/29

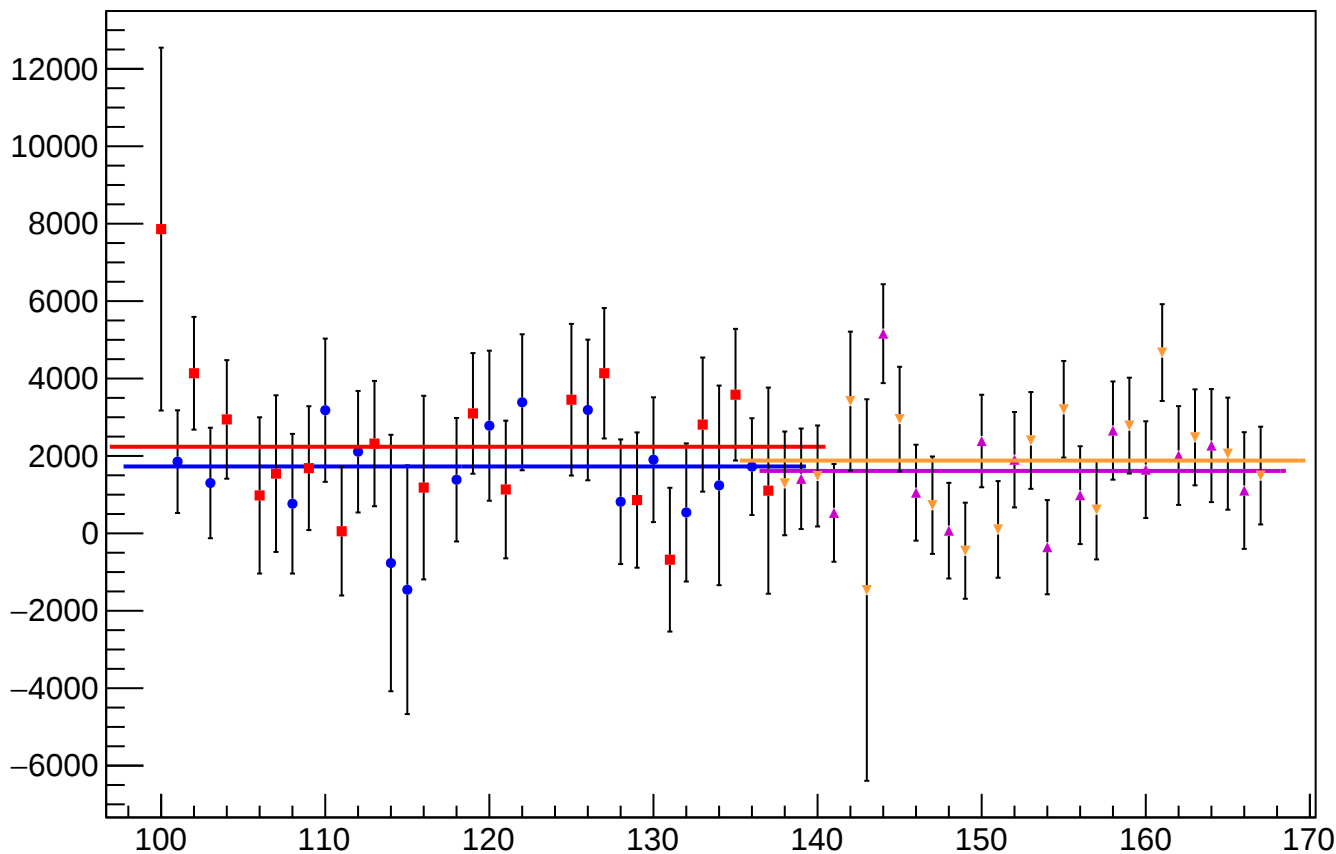
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1007.824+/-0.171 χ^2/NDF : 432829.2/29

Out: 1020.889+/-0.168 χ^2/NDF : 1060649.3/33

All: 1014.472+/-0.120 χ^2/NDF : 1496458.8/63

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1880.919 $\pm$ 335.161 χ^2 /NDF:16.6/15

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

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

Left: 1749.693 $\pm$ 239.143 χ^2 /NDF: 31.6/29

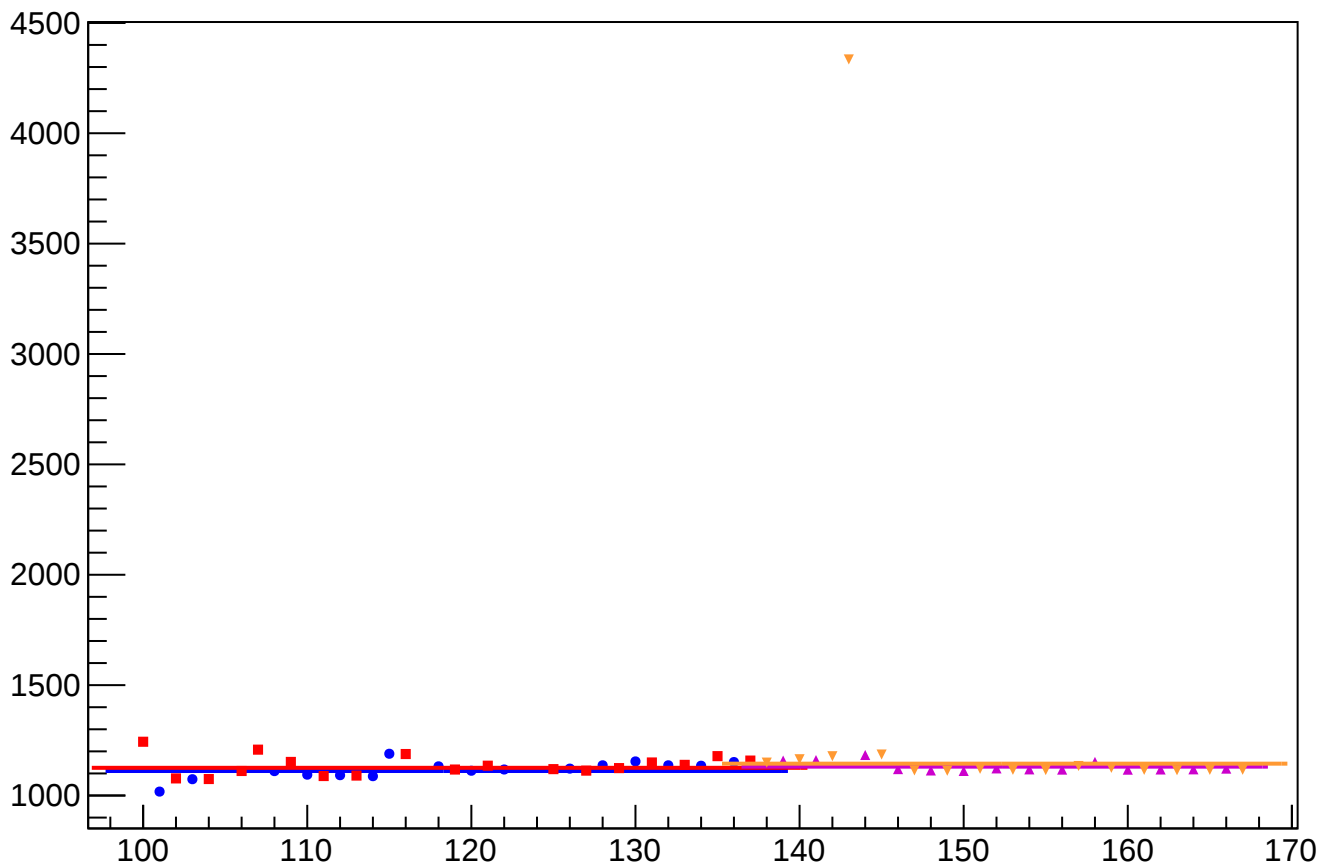
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 2017.536 $\pm$ 263.281 χ^2 /NDF:29.3/33

All: 1840.496 $\pm$ 187.569 χ^2 /NDF: 50.2/63

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1144.311 $\pm$ 0.237 χ^2 /NDF: 851024.5/15

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

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

Left: 1137.698 $\pm$ 0.169 χ^2 /NDF: 860847.9/29

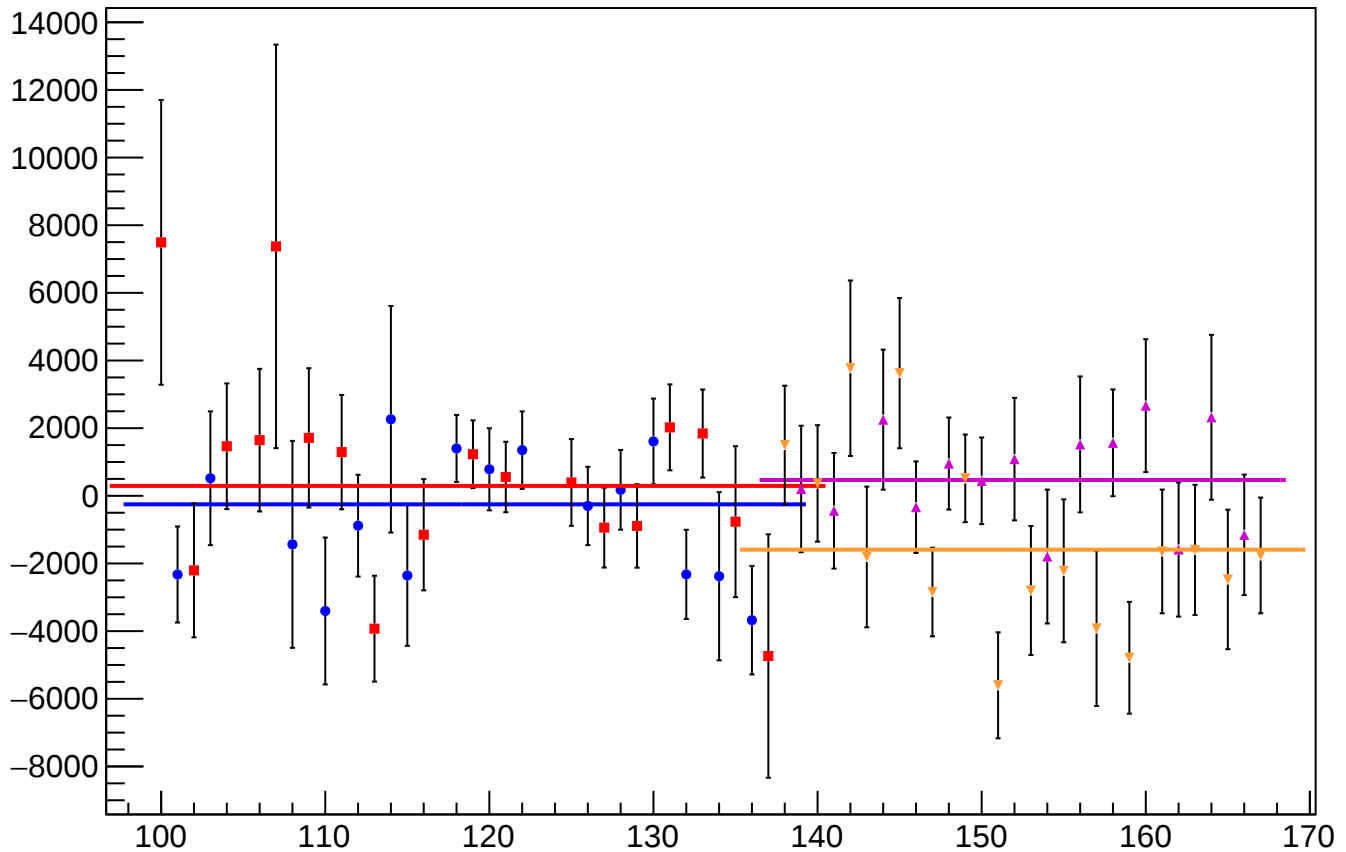
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

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

Out: 1137.106 $\pm$ 0.186 χ^2 /NDF: 869319.2/33

All: 1130.250 $\pm$ 0.133 χ^2 /NDF: 901004.1/63

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1591.495 $\pm$ 445.768 χ^2/NDF :29.8/15

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

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

Left: -589.713 $\pm$ 319.472 χ^2/NDF : 47.6/29

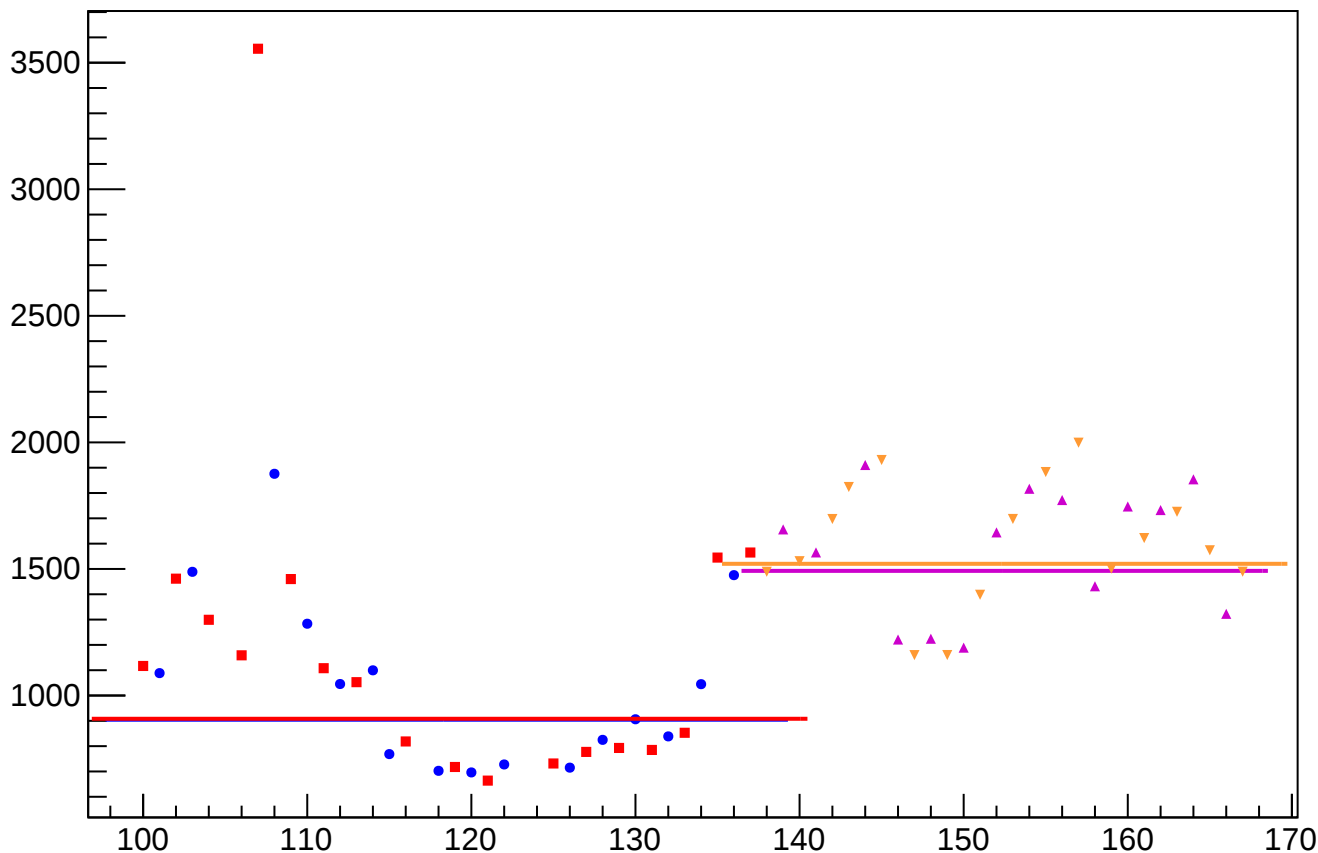
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

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

Out: -456.723 $\pm$ 281.240 χ^2/NDF :64.6/33

All: -217.932 $\pm$ 200.335 χ^2/NDF : 96.8/63

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1520.341+/-0.315 χ^2/NDF : 633807.5/15

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

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

Left: 1506.762+/-0.226 χ^2/NDF : 1243173.4/29

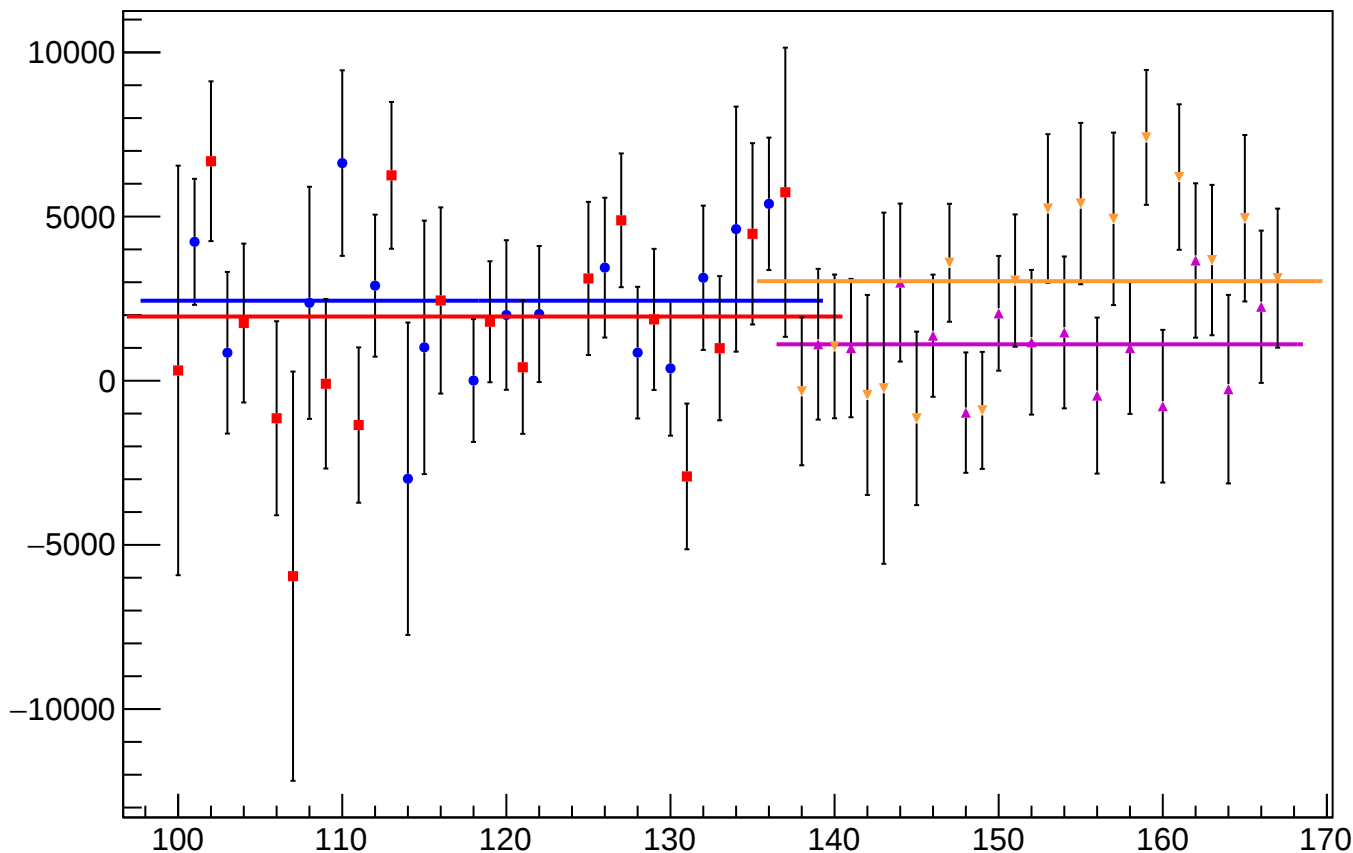
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 1151.833+/-0.199 χ^2/NDF : 4285444.6/33

All: 1142.441+/-0.142 χ^2/NDF : 7931982.2/63

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 3032.889 $\pm$ 569.893 χ^2 /NDF:21.8/15

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

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

Left: 2084.782 $\pm$ 405.810 χ^2 /NDF: 32.4/29

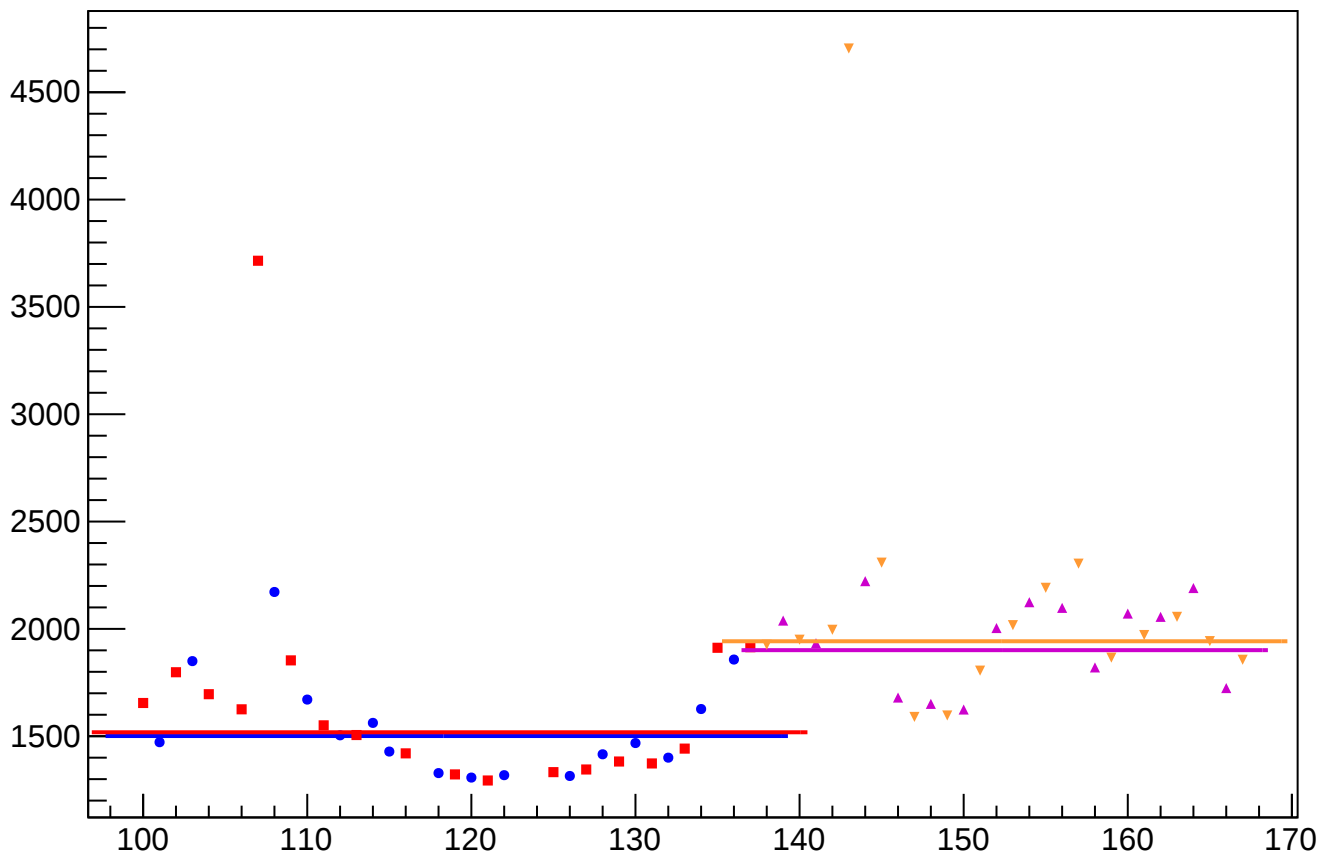
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

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

Out: 2507.643 $\pm$ 407.900 χ^2 /NDF:45.9/33

All: 2139.226 $\pm$ 289.723 χ^2 /NDF: 66.3/63

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1942.344+/-0.403 χ^2/NDF : 805942.1/15

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

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

Left: 1921.902+/-0.287 χ^2/NDF : 1061400.4/29

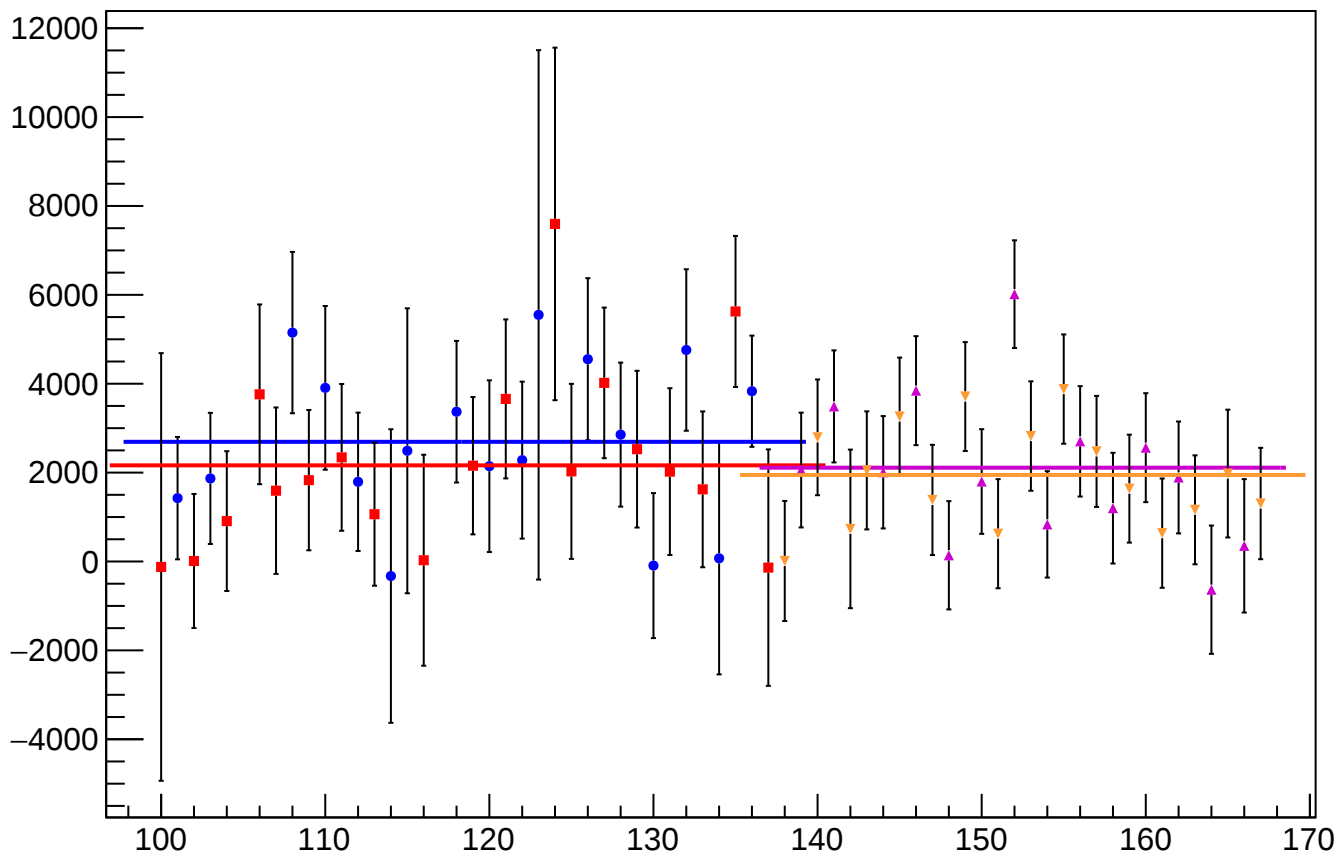
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1735.549+/-0.288 χ^2/NDF : 1821918.9/33

All: 1719.759+/-0.205 χ^2/NDF : 2806691.9/63

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1947.137 $\pm$ 321.820 χ^2 /NDF:12.4/15

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

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

Left: 2025.229 $\pm$ 232.740 χ^2 /NDF: 35.8/29

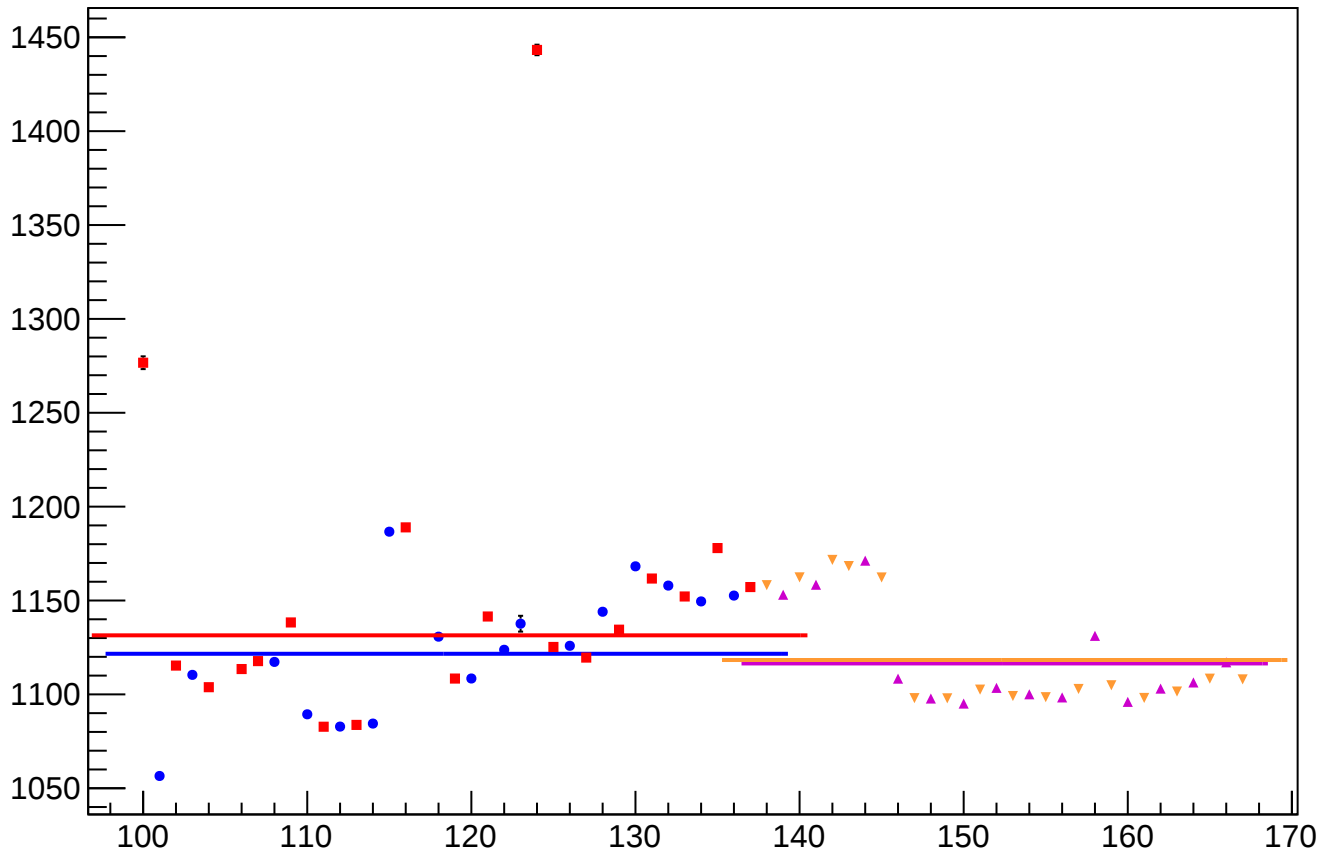
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2026.125 $\pm$ 256.298 χ^2 /NDF:26.3/34

All: 2172.840 $\pm$ 184.516 χ^2 /NDF: 63.7/65

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1118.307 $\pm$ 0.228 χ^2 /NDF:14976.4/15

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

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

Left: 1117.435 $\pm$ 0.165 χ^2 /NDF: 25986.8/29

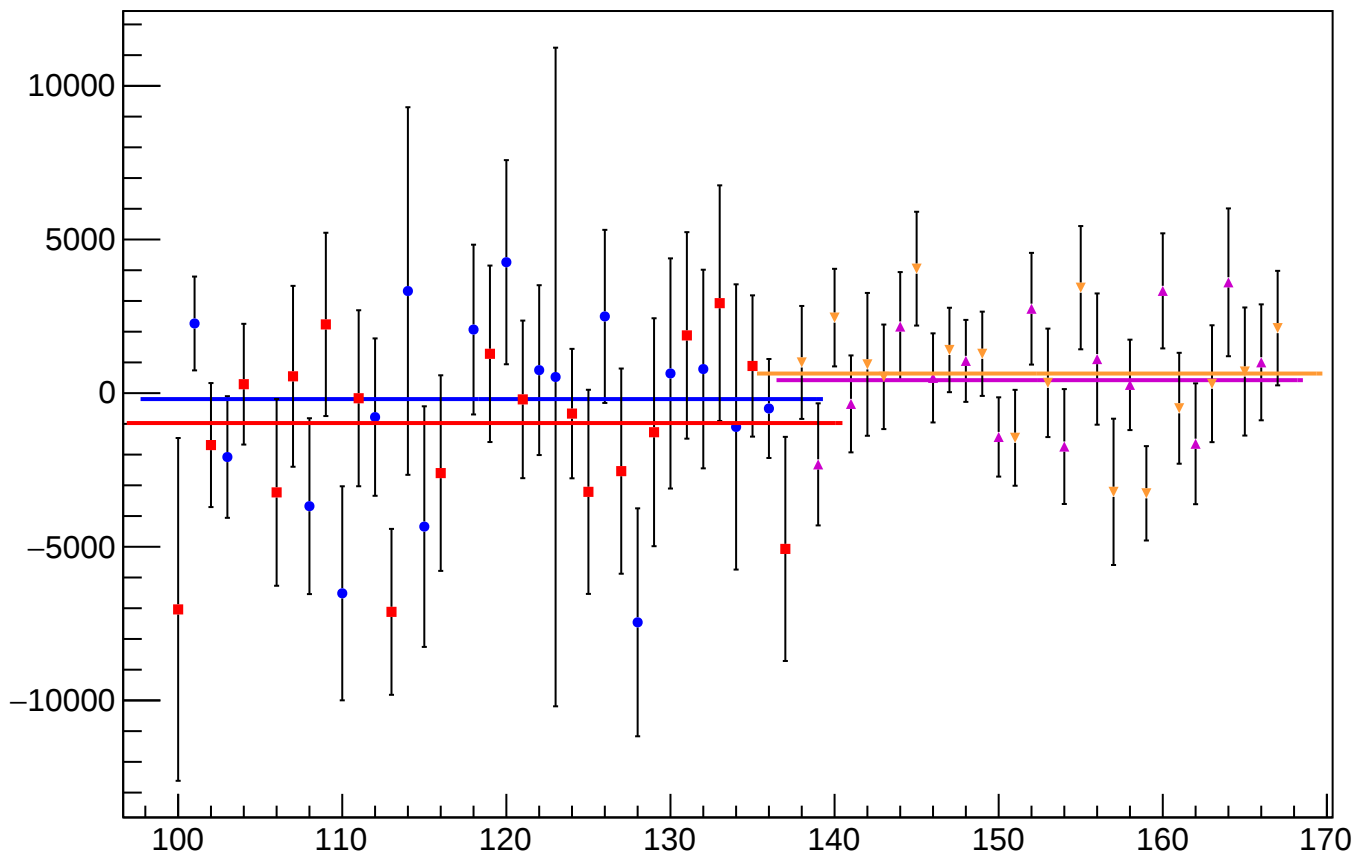
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1123.114 $\pm$ 0.181 χ^2 /NDF:39308.4/34

All: 1120.854 $\pm$ 0.130 χ^2 /NDF: 62767.4/65

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.850+/-436.054 χ^2/NDF : 19.2/15

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

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

Left: 534.151+/-314.056 χ^2/NDF : 33.1/29

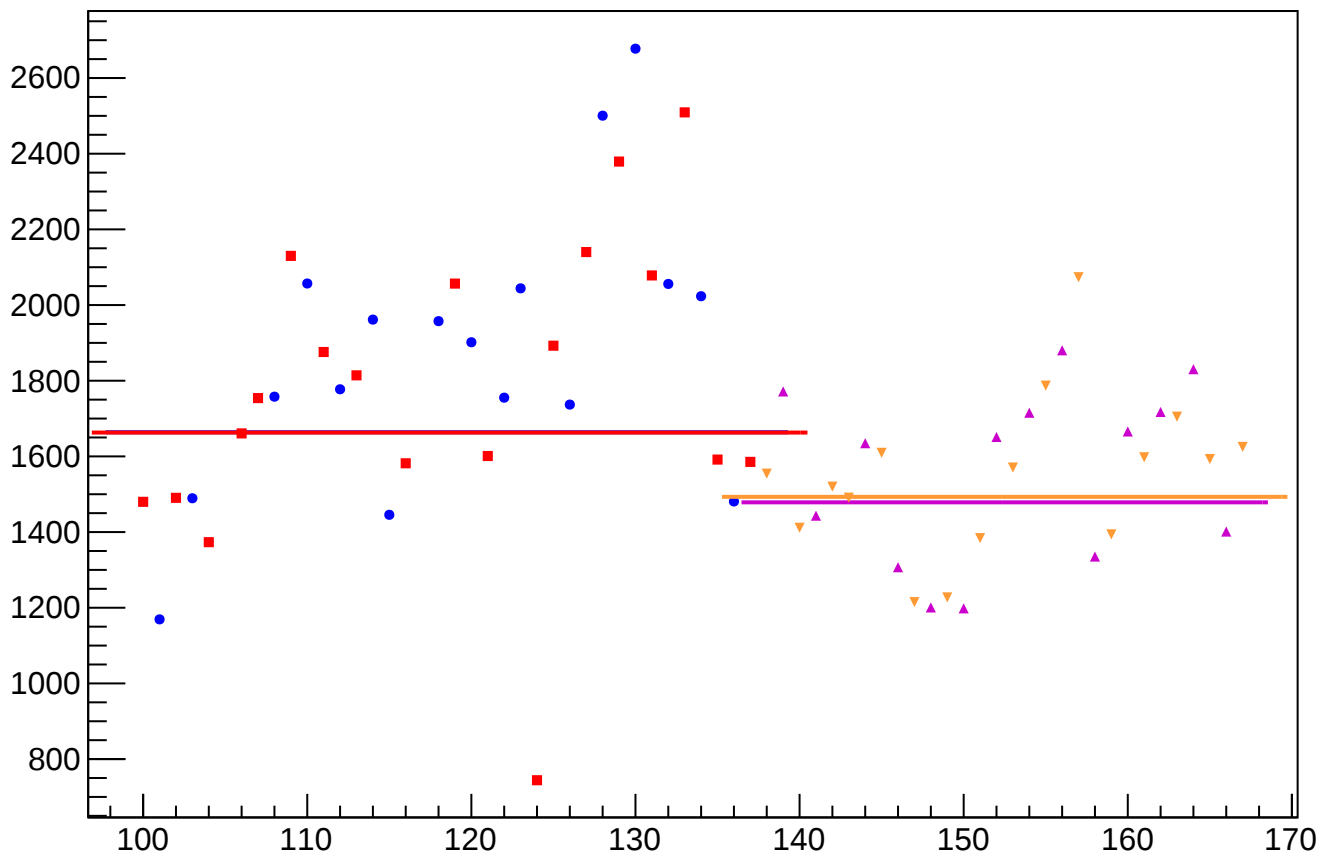
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

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

Out: 132.527+/-361.255 χ^2/NDF : 37.8/34

All: 177.495+/-259.628 χ^2/NDF : 69.6/65

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779+/-0.467 χ^2/NDF : 622477.6/16

Left Out: 1493.144+/-0.308 χ^2/NDF : 402860.5/15

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

Left In: 1478.572+/-0.320 χ^2/NDF : 504725.7/13

Left: 1486.131+/-0.222 χ^2/NDF : 908661.1/29

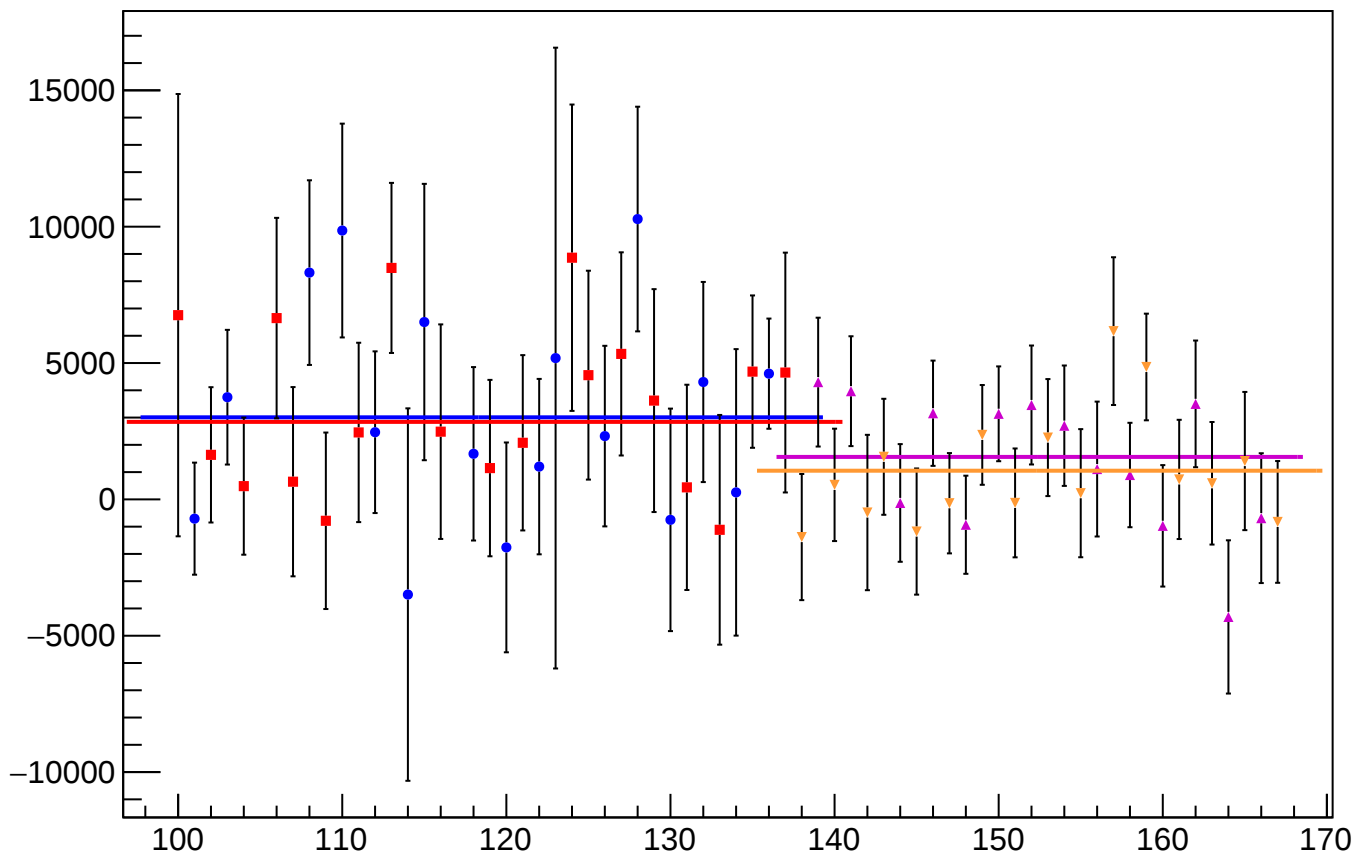
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1537.784+/-0.264 χ^2/NDF : 1234227.2/30

Out: 1546.414+/-0.255 χ^2/NDF : 1303000.6/34

All: 1542.242+/-0.184 χ^2/NDF : 2537779.7/65

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2 /NDF: 17.4/16

Left Out: 1051.552 $\pm$ 545.638 χ^2 /NDF:12.3/15

Right Out: 2842.013 $\pm$ 795.731 χ^2 /NDF: 11.4/18

Left In: 1557.282 $\pm$ 568.822 χ^2 /NDF:15.2/13

Left: 1293.901 $\pm$ 393.765 χ^2 /NDF: 28.0/29

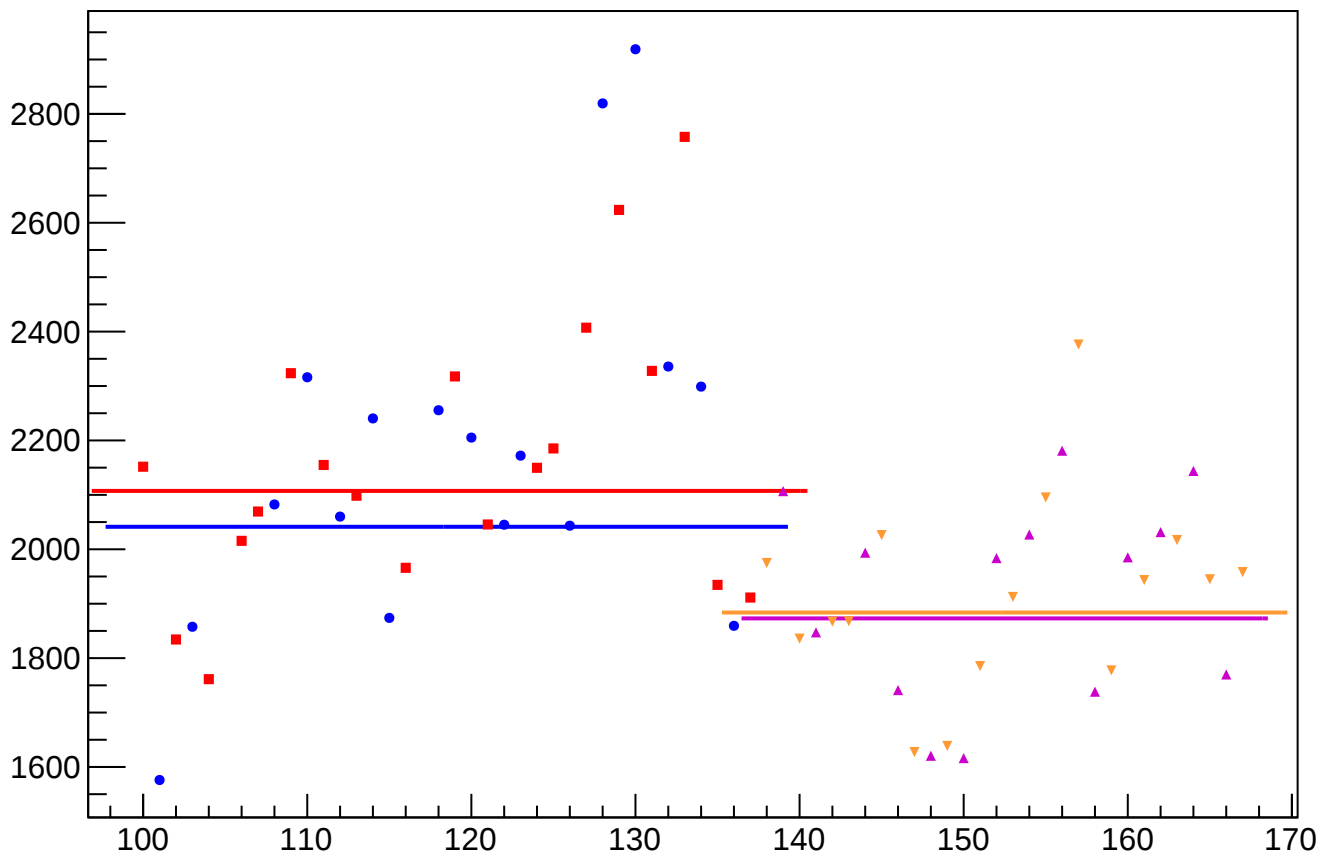
Right: 2925.191 $\pm$ 564.046 χ^2 /NDF: 28.8/35

In: 2045.111 $\pm$ 463.514 χ^2 /NDF:34.8/30

Out: 1624.172 $\pm$ 450.005 χ^2 /NDF:27.2/34

All: 1828.418 $\pm$ 322.872 χ^2 /NDF: 62.4/65

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1883.819 $\pm$ 0.386 χ^2/NDF : 192022.5/15

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

Left In: 1872.986 $\pm$ 0.402 χ^2/NDF : 211085.7/13

Left: 1878.628 $\pm$ 0.278 χ^2/NDF : 403486.0/29

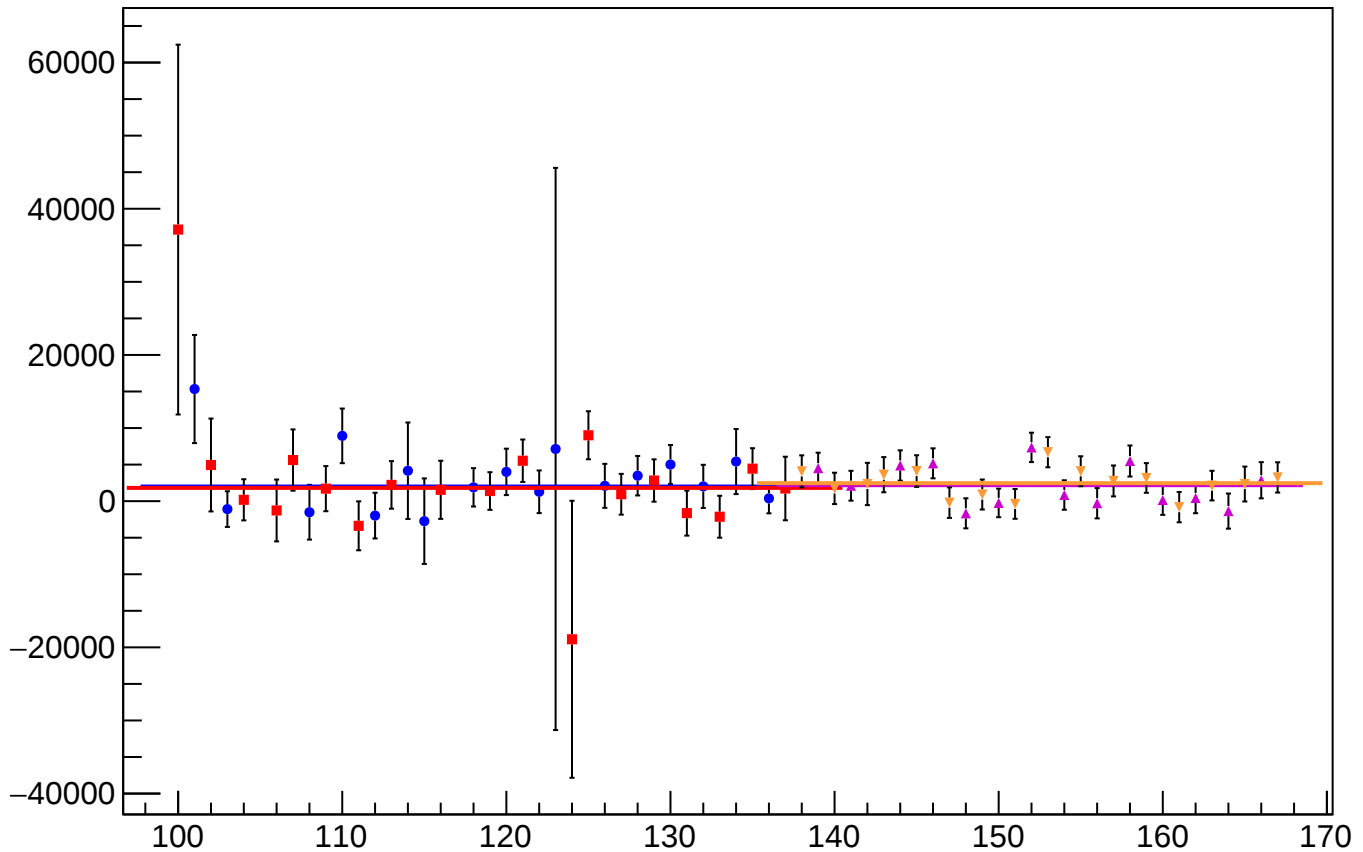
Right: 2074.475 $\pm$ 0.399 χ^2/NDF : 542049.1/35

In: 1929.554 $\pm$ 0.328 χ^2/NDF : 608393.1/30

Out: 1955.285 $\pm$ 0.318 χ^2/NDF : 496083.0/34

All: 1942.800 $\pm$ 0.228 χ^2/NDF : 1107648.8/65

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2461.509+/-537.370 χ^2/NDF :13.3/15

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

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

Left: 2329.567+/-387.792 χ^2/NDF : 38.3/29

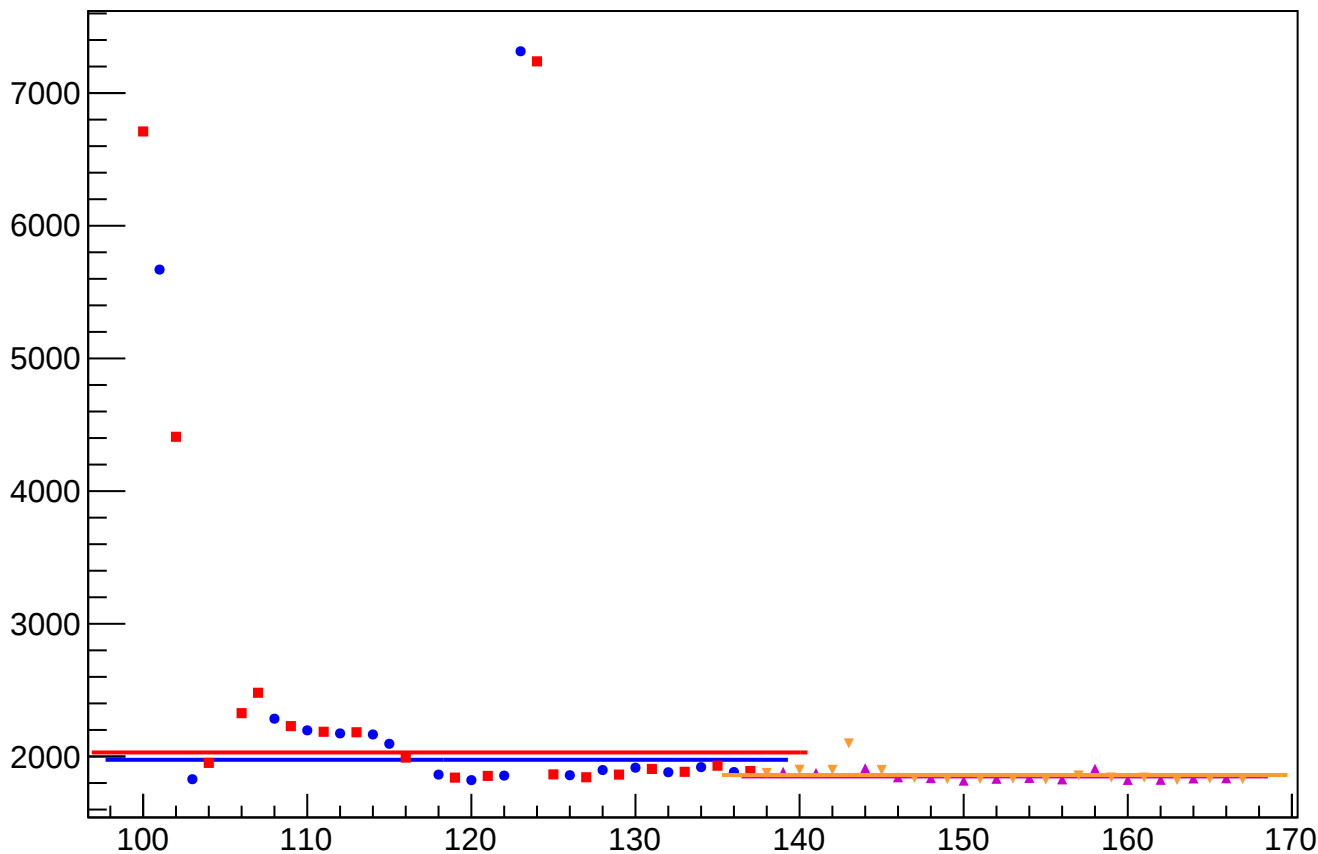
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2254.134+/-442.785 χ^2/NDF :32.0/34

All: 2190.382+/-317.435 χ^2/NDF : 71.8/65

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1860.361+/-0.380 χ^2/NDF : 25214.9/15

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

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

Left: 1855.151+/-0.274 χ^2/NDF : 31542.9/29

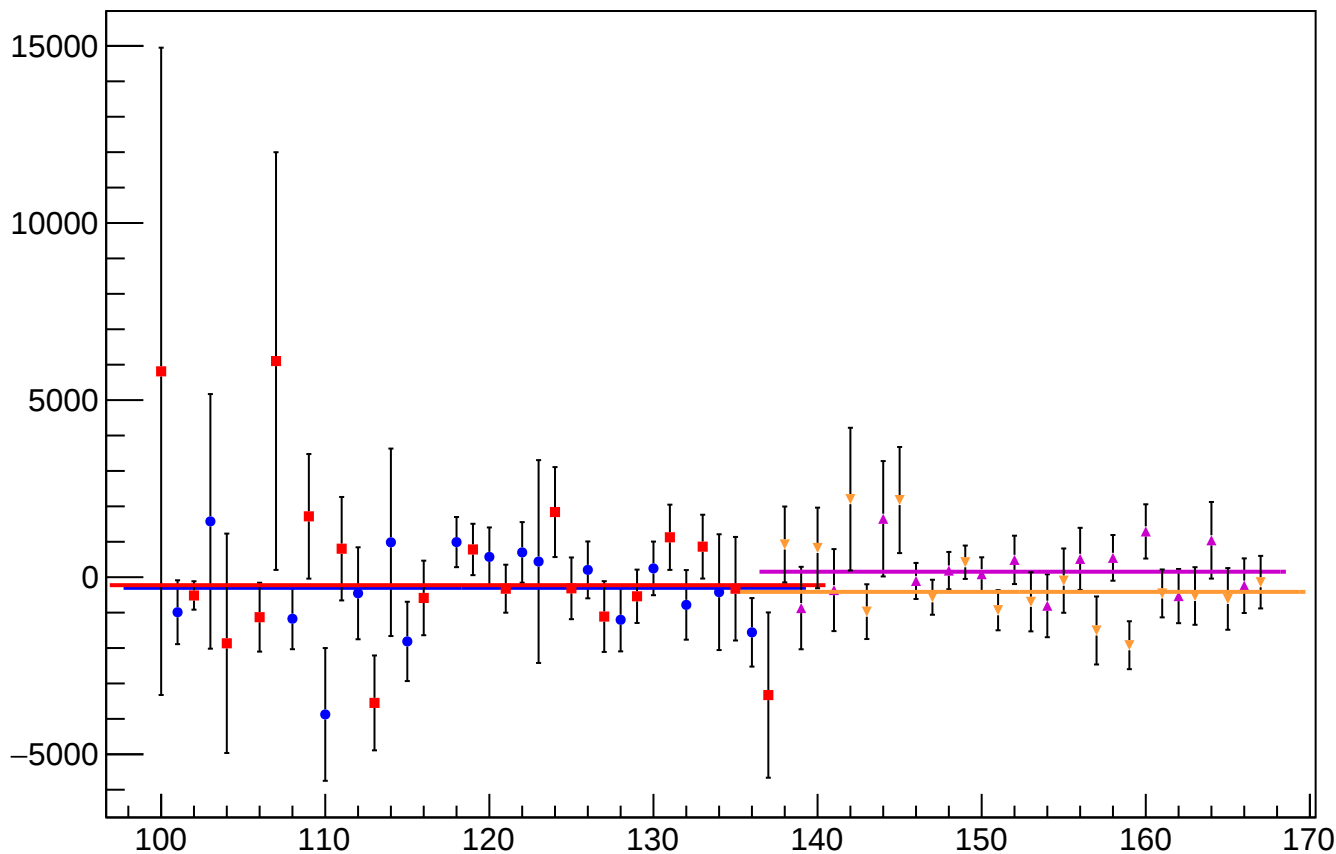
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1914.933+/-0.313 χ^2/NDF : 693386.0/34

All: 1903.844+/-0.224 χ^2/NDF : 1335864.6/65

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -414.039 ± 187.387 $\chi^2/\text{NDF}: 18.7/15$

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

Left In: 154.460 ± 193.150 $\chi^2/\text{NDF}: 8.0/13$

Left: -138.397 ± 134.494 $\chi^2/\text{NDF}: 31.2/29$

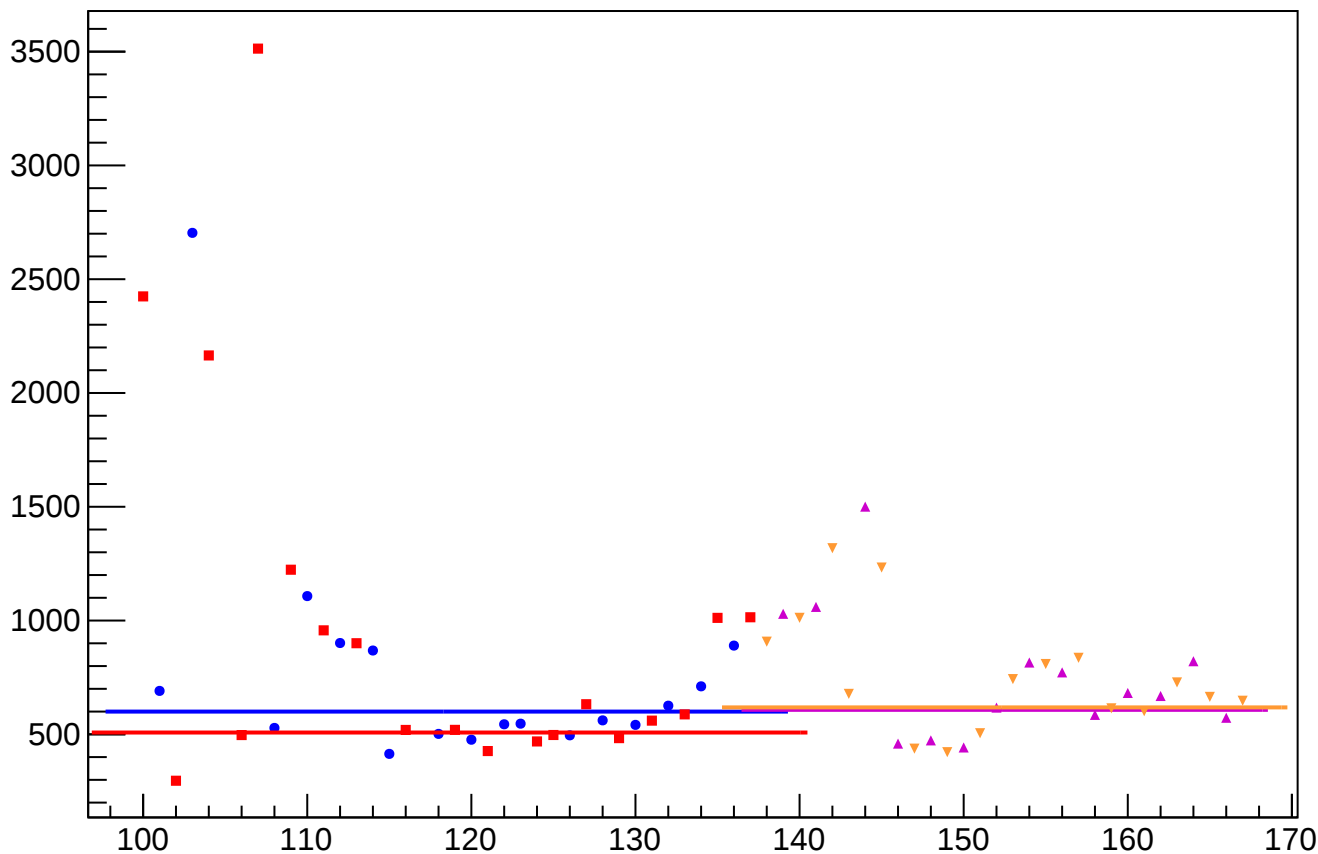
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -18.319 ± 152.062 $\chi^2/\text{NDF}: 27.5/30$

Out: -332.860 ± 141.423 $\chi^2/\text{NDF}: 41.4/34$

All: -186.977 ± 103.558 $\chi^2/\text{NDF}: 71.1/65$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 618.336 $\pm$ 0.133 χ^2/NDF : 1955349.6/15

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

Left In: 607.638 $\pm$ 0.137 χ^2/NDF : 2006710.6/13

Left: 613.149 $\pm$ 0.095 χ^2/NDF : 3965221.0/29

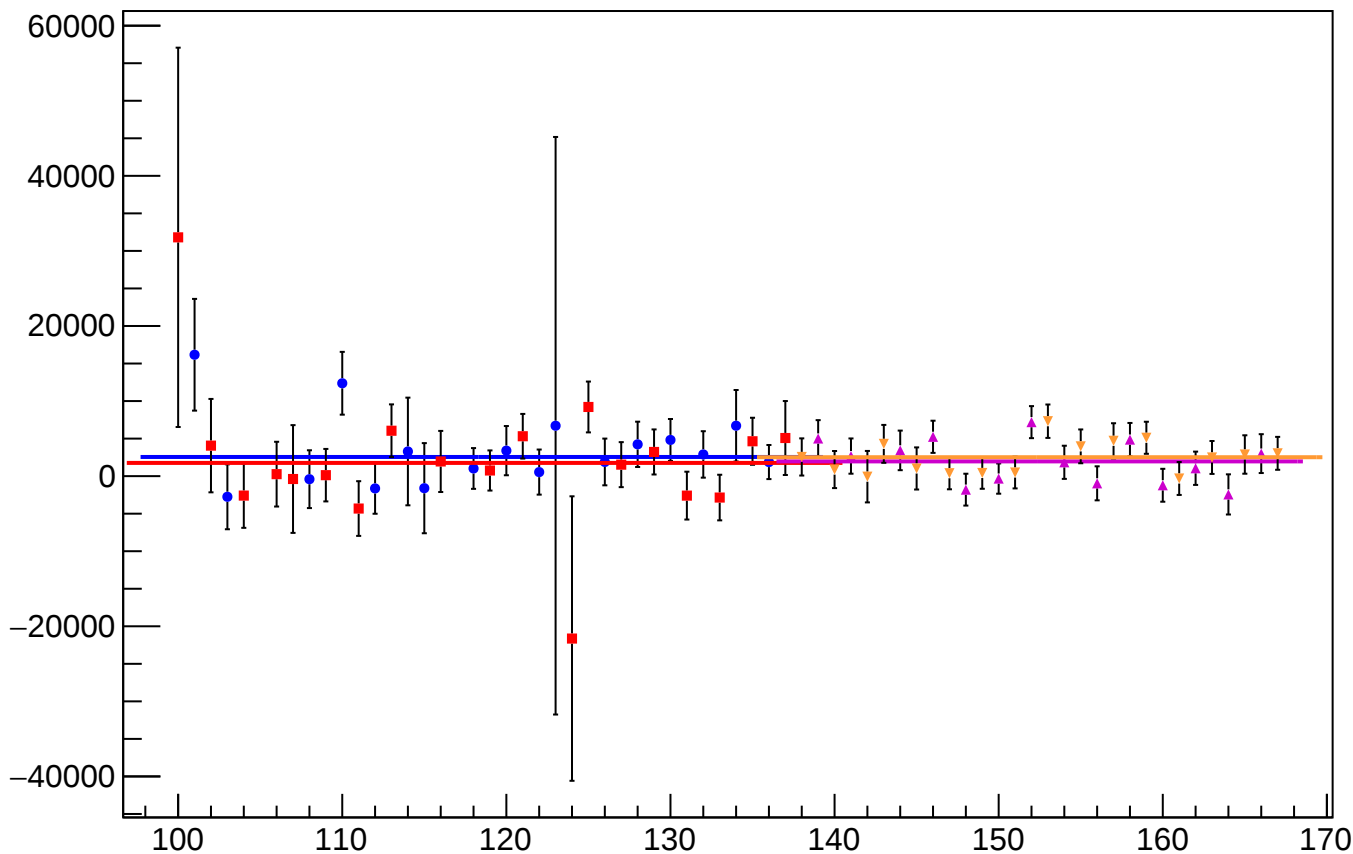
Right: 547.794 $\pm$ 0.115 χ^2/NDF : 4387752.6/35

In: 604.716 $\pm$ 0.108 χ^2/NDF : 3388963.6/30

Out: 570.821 $\pm$ 0.100 χ^2/NDF : 5102996.5/34

All: 586.542 $\pm$ 0.073 χ^2/NDF : 8545242.7/65

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2520.143 $\pm$ 583.030 χ^2 /NDF:13.9/15

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

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

Left: 2253.961 $\pm$ 420.901 χ^2 /NDF: 37.6/29

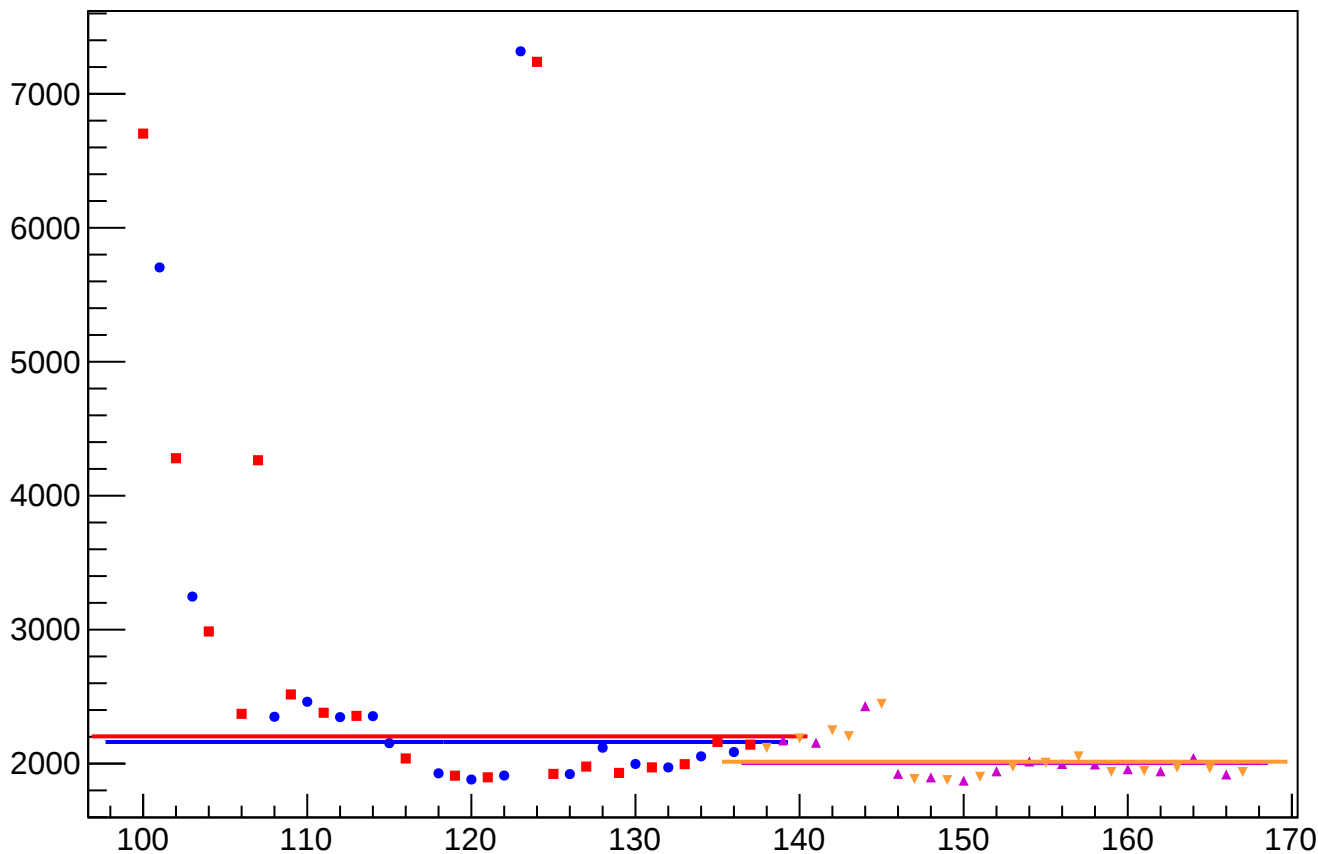
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 2279.220 $\pm$ 481.637 χ^2 /NDF:35.3/34

All: 2221.938 $\pm$ 345.667 χ^2 /NDF: 74.7/65

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2014.058 ± 0.412 χ^2/NDF : 112853.2/15

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

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

Left: 2009.266 ± 0.298 χ^2/NDF : 206267.1/29

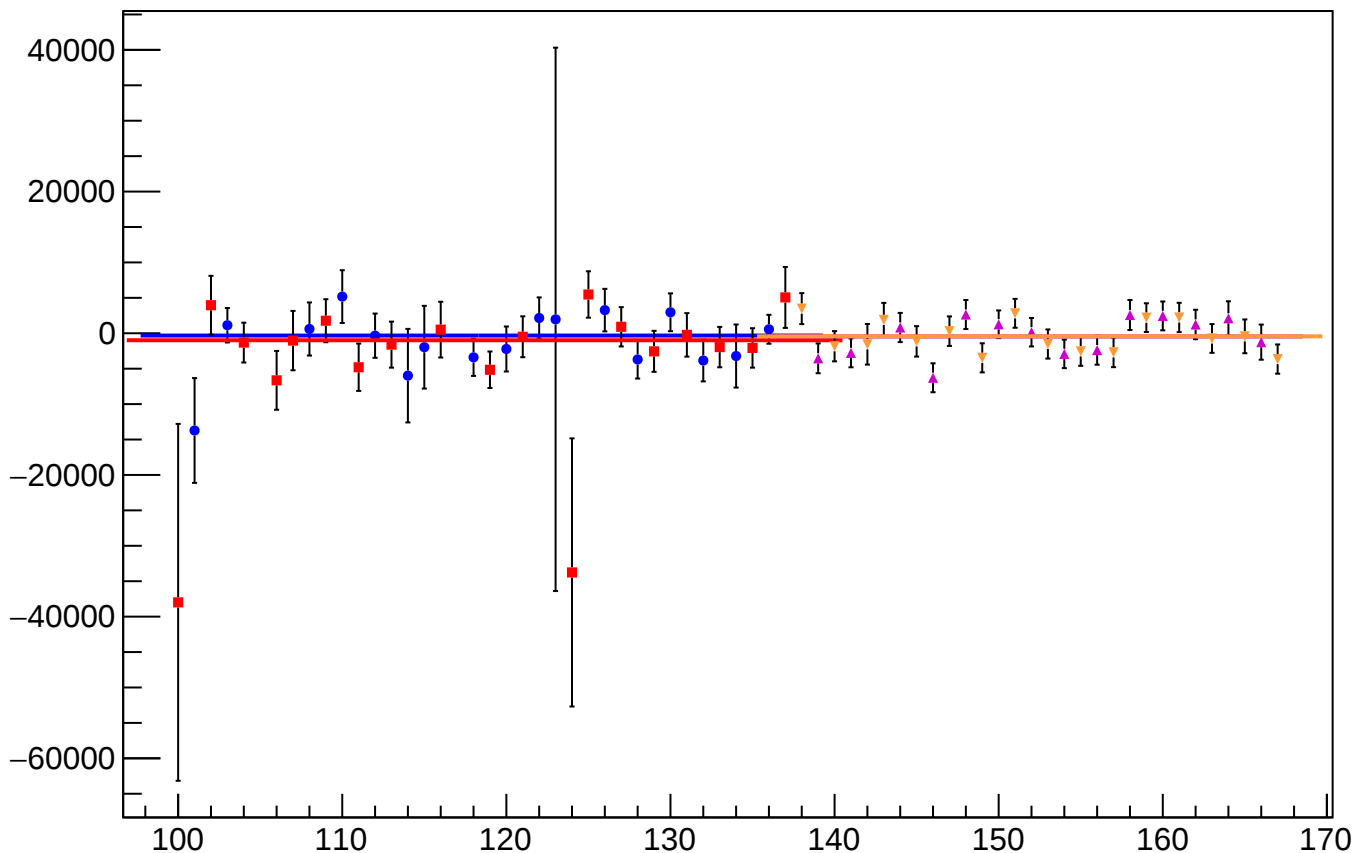
Right: 2182.484 ± 0.428 χ^2/NDF : 1511040.8/35

In: 2056.613 ± 0.351 χ^2/NDF : 849098.7/30

Out: 2074.169 ± 0.341 χ^2/NDF : 977192.2/34

All: 2065.656 ± 0.244 χ^2/NDF : 1827579.6/65

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -430.770 ± 535.723 $\chi^2/\text{NDF}: 18.0/15$

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

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

Left: -440.459 ± 386.737 $\chi^2/\text{NDF}: 41.4/29$

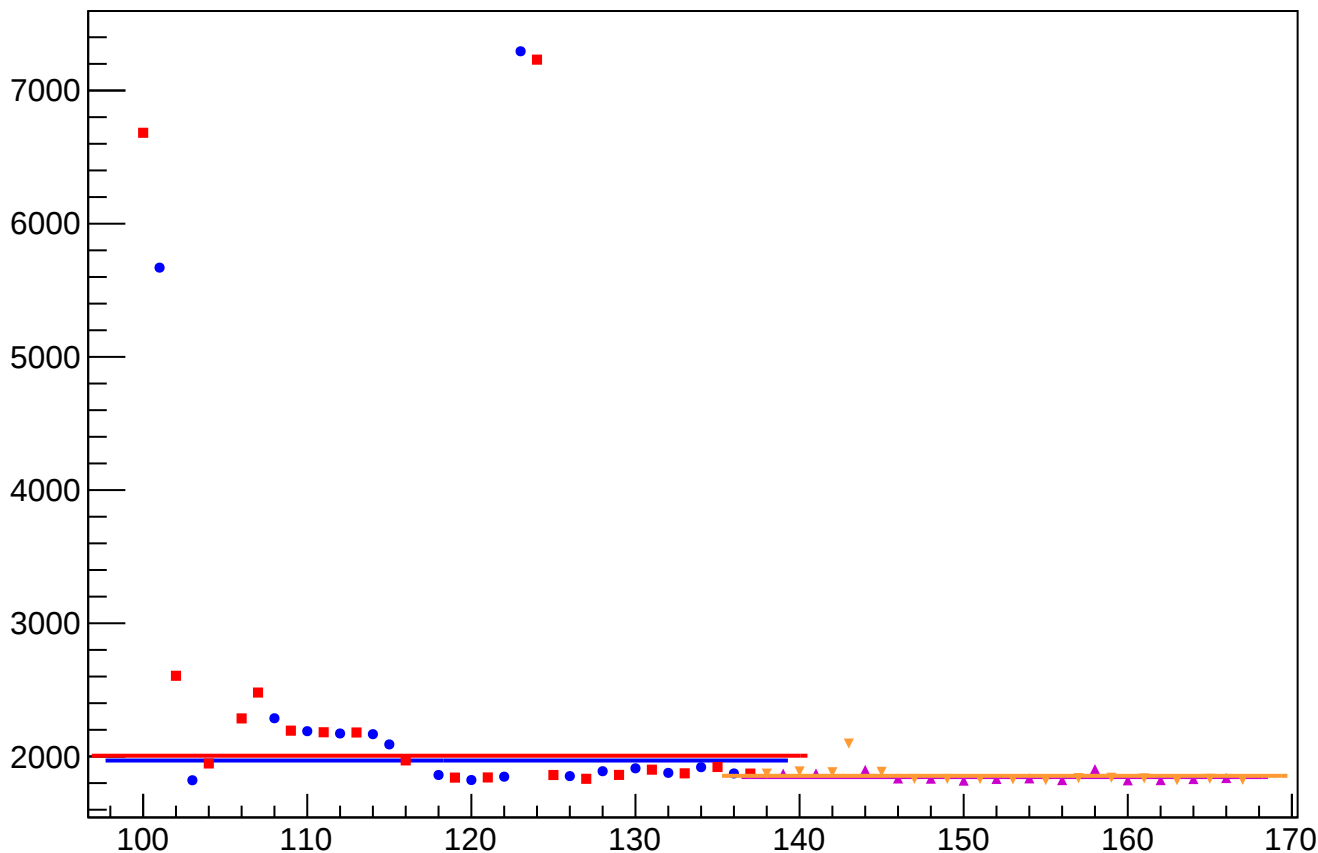
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

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

Out: -611.862 ± 439.745 $\chi^2/\text{NDF}: 38.7/34$

All: -513.128 ± 315.932 $\chi^2/\text{NDF}: 78.0/65$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1854.740+/-0.379 χ^2/NDF : 24698.8/15

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

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

Left: 1850.178+/-0.273 χ^2/NDF : 30143.8/29

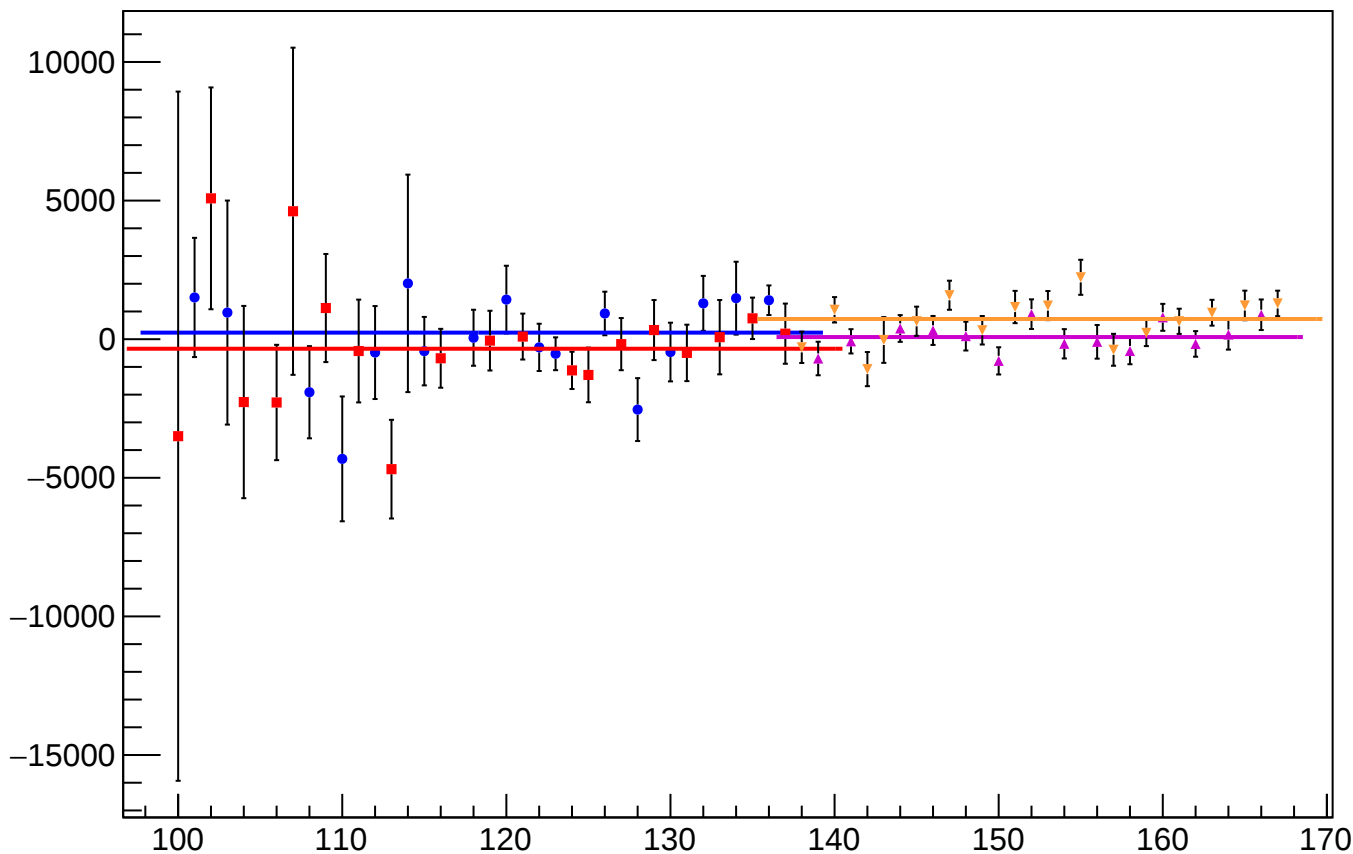
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1903.937+/-0.311 χ^2/NDF : 436047.7/34

All: 1895.940+/-0.223 χ^2/NDF : 1078945.9/65

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 729.297 $\pm$ 132.209 χ^2 /NDF:31.1/15

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

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

Left: 414.223 $\pm$ 95.037 χ^2 /NDF: 56.6/29

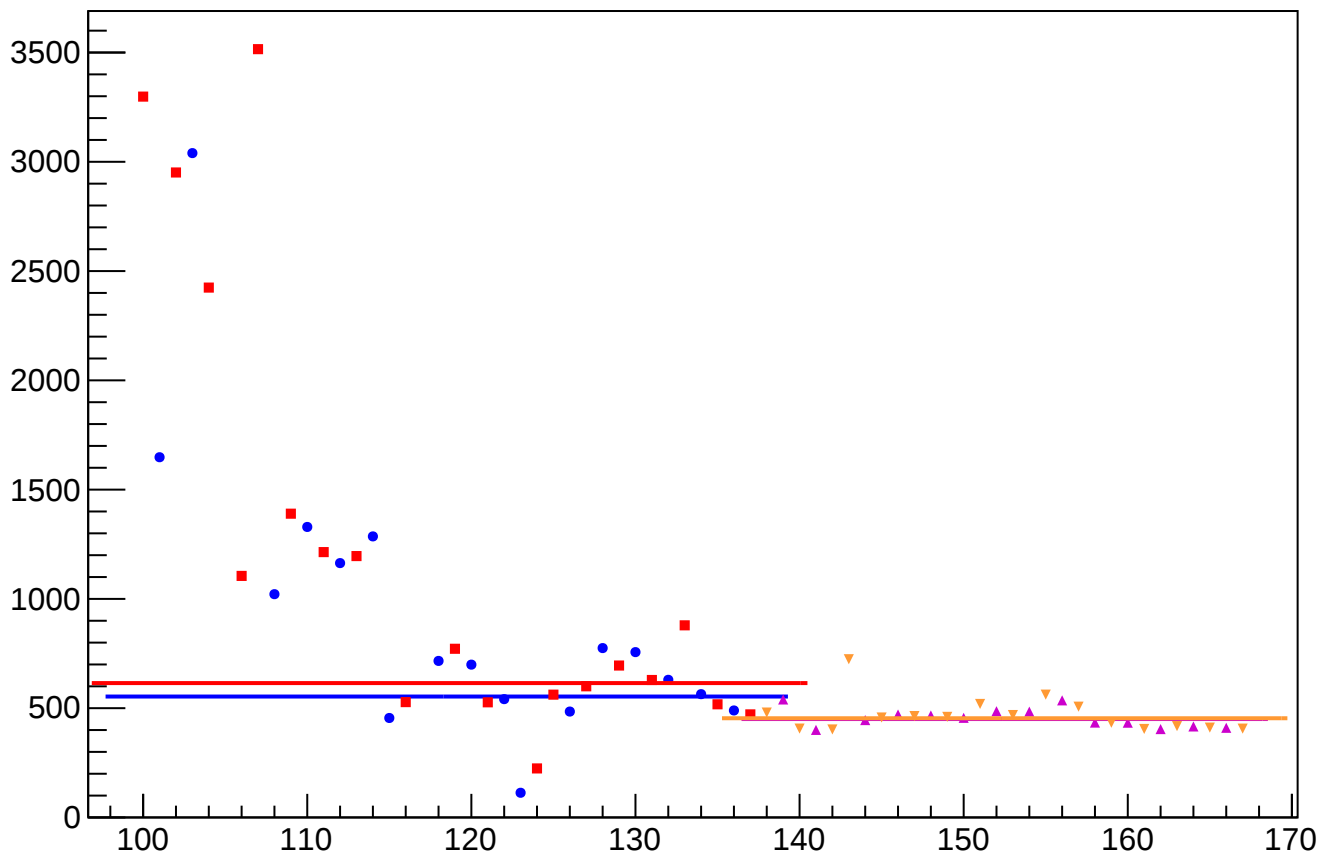
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: 519.819 $\pm$ 118.612 χ^2 /NDF:59.9/34

All: 319.106 $\pm$ 84.285 χ^2 /NDF: 103.7/65

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 453.898+/-0.093 χ^2/NDF : 429820.7/15

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

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

Left: 452.169+/-0.067 χ^2/NDF : 605190.7/29

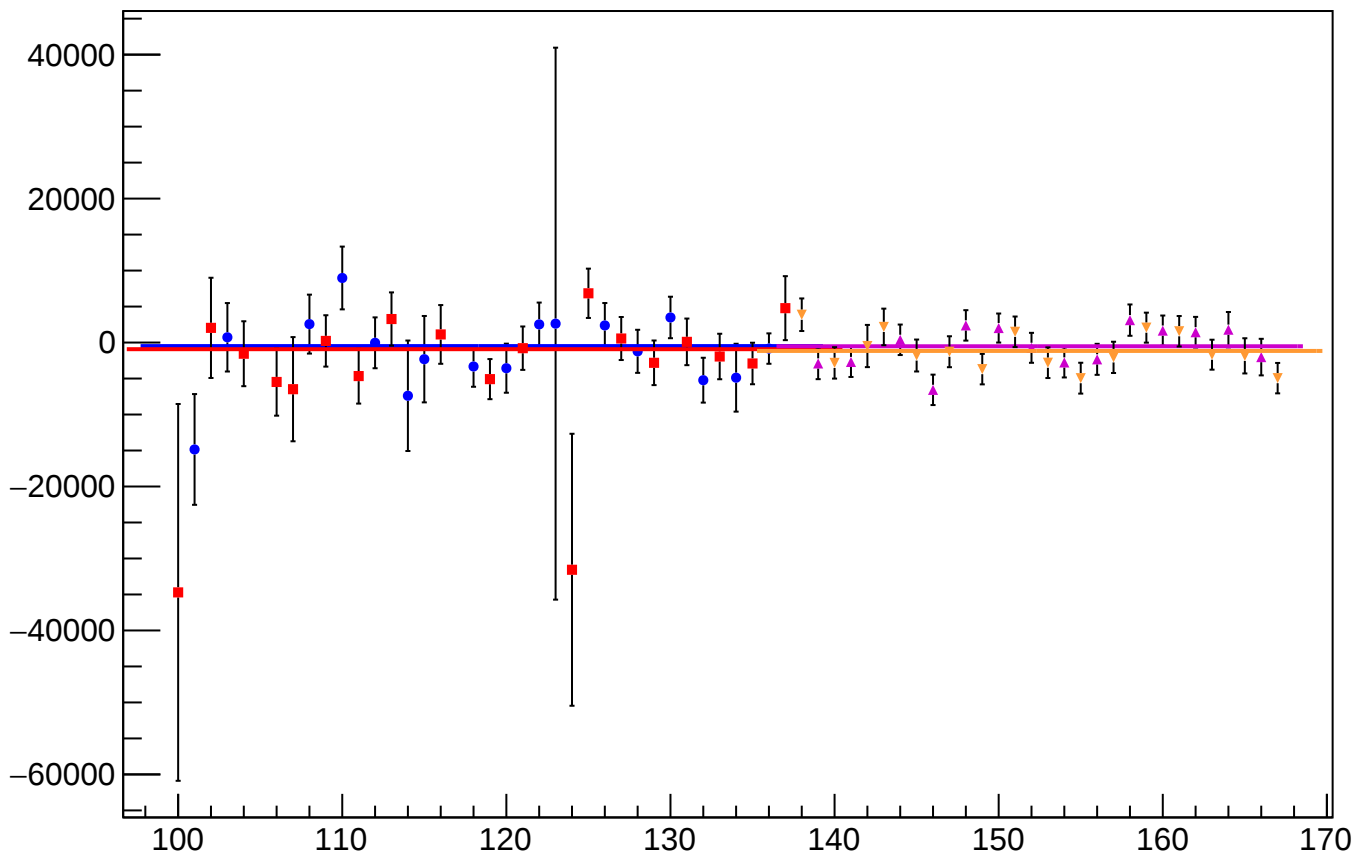
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

Out: 485.300+/-0.084 χ^2/NDF : 4577649.7/34

All: 479.817+/-0.060 χ^2/NDF : 8437087.4/65

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1164.806+/-553.239 χ^2 /NDF:21.7/15

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

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

Left: -853.789+/-399.042 χ^2 /NDF: 44.3/29

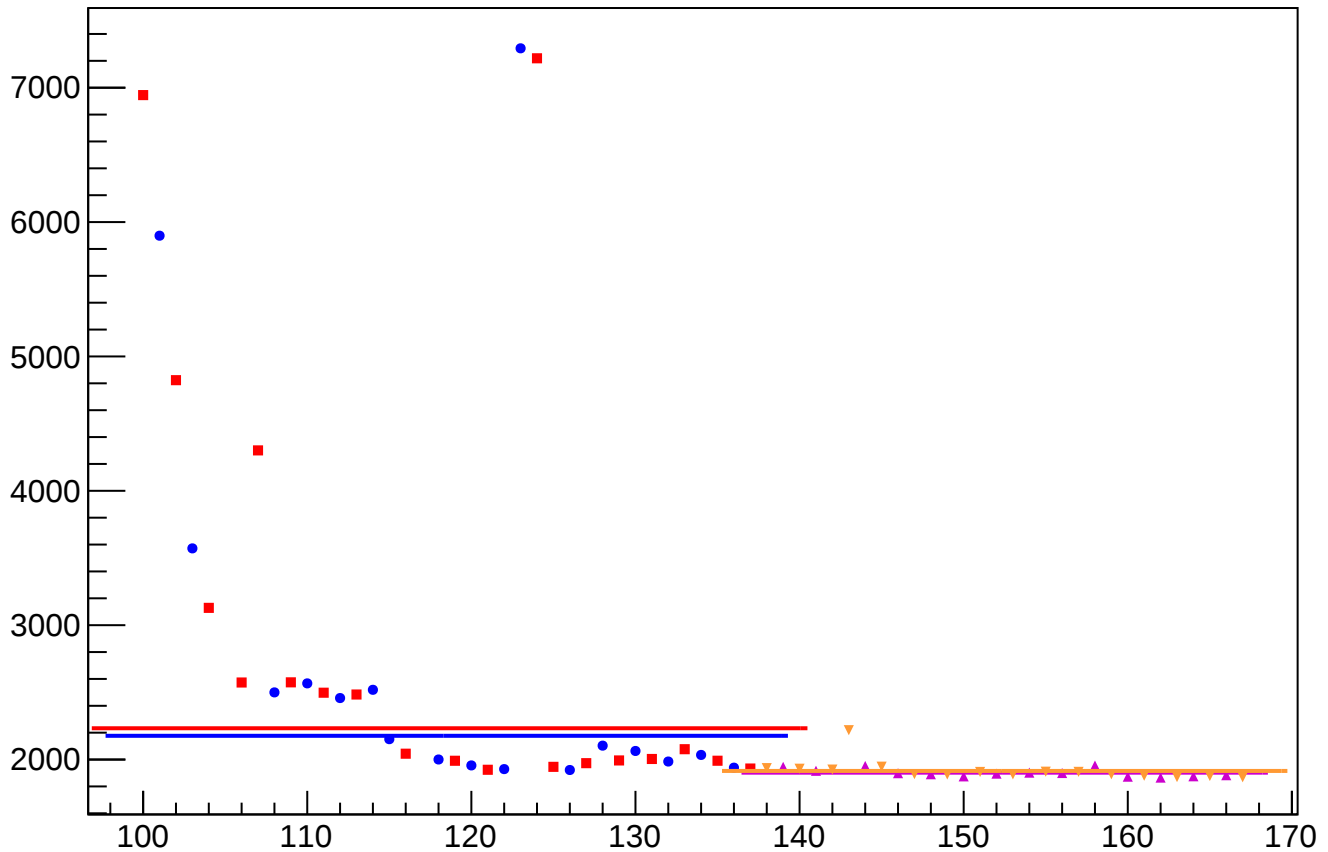
Right: -706.757+/-613.998 χ^2 /NDF: 37.6/35

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

Out: -1094.712+/-466.636 χ^2 /NDF:40.7/34

All: -810.128+/-334.588 χ^2 /NDF: 82.0/65

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1915.251 $\pm$ 0.391 χ^2/NDF : 33423.0/15

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

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

Left: 1909.068 $\pm$ 0.282 χ^2/NDF : 38929.5/29

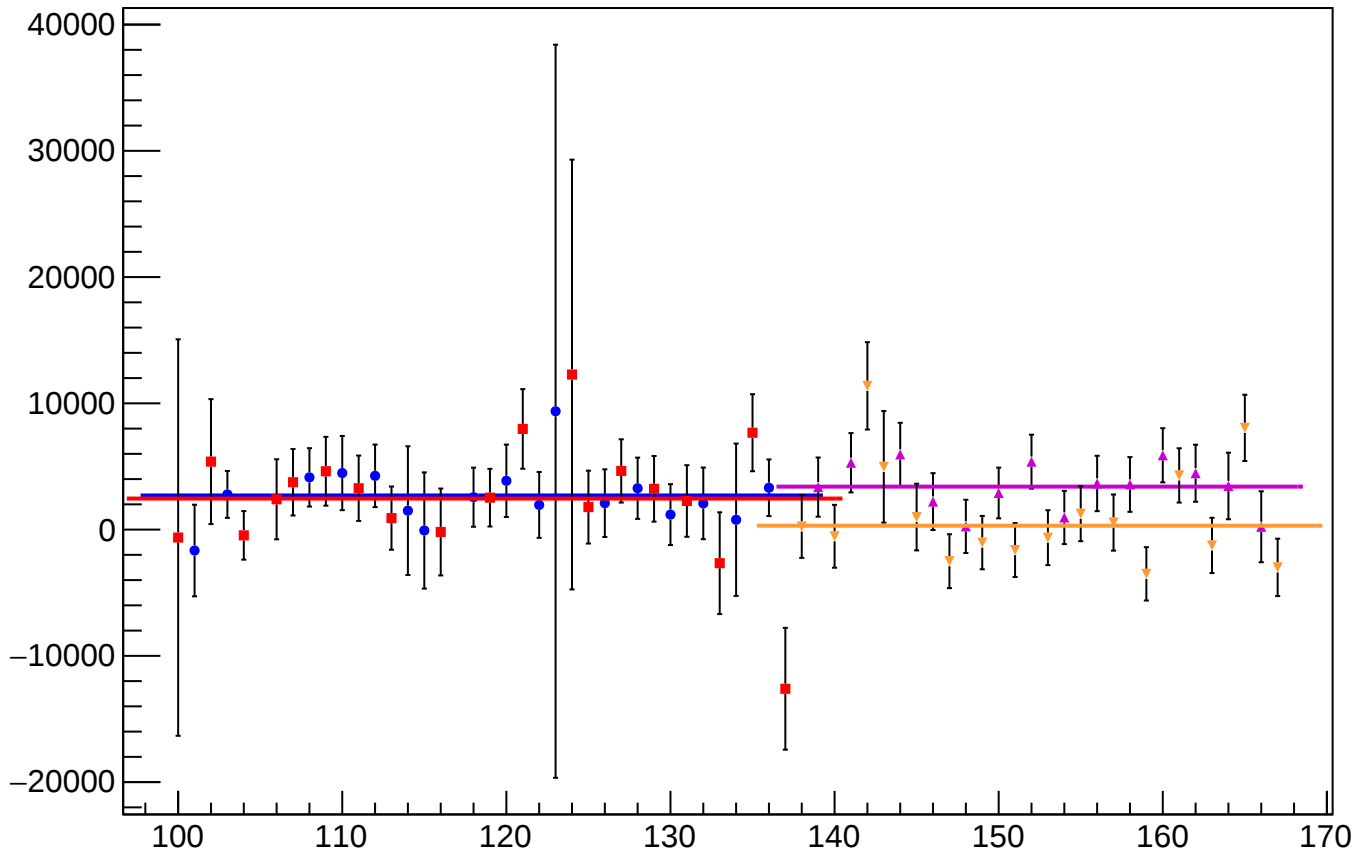
Right: 2204.793 $\pm$ 0.434 χ^2/NDF : 1697410.2/35

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

Out: 2006.911 $\pm$ 0.330 χ^2/NDF : 1114219.7/34

All: 1996.884 $\pm$ 0.237 χ^2/NDF : 2062520.9/65

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 307.979 $\pm$ 589.813 χ^2 /NDF:32.9/15

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

Left In: 3404.077 $\pm$ 603.971 χ^2 /NDF:9.3/13

Left: 1819.312 $\pm$ 421.977 χ^2 /NDF: 55.7/29

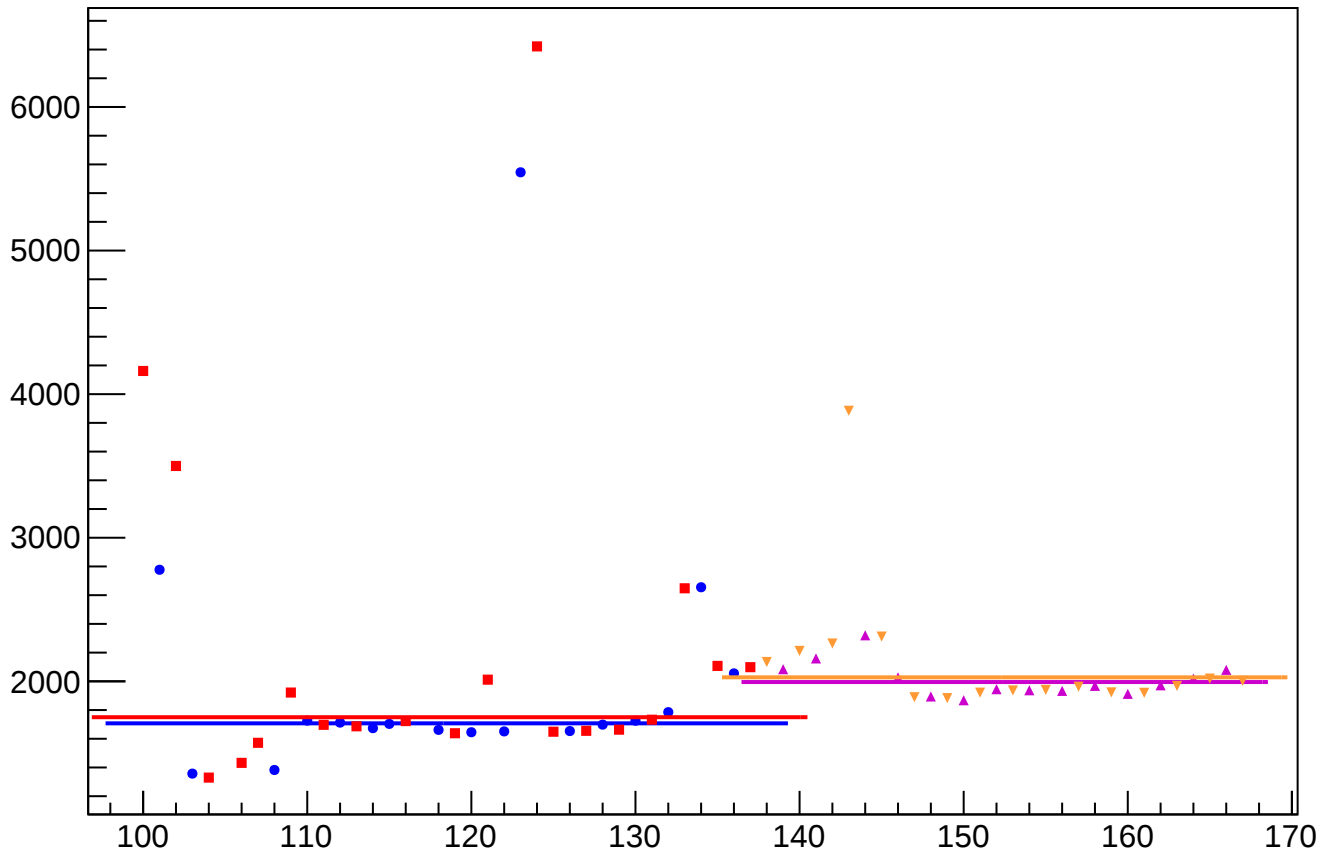
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3092.014 $\pm$ 449.769 χ^2 /NDF:14.0/30

Out: 1227.301 $\pm$ 446.297 χ^2 /NDF:61.8/34

All: 2152.432 $\pm$ 316.800 χ^2 /NDF: 84.4/65

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2027.797 ± 0.417 $\chi^2/\text{NDF}: 442734.7/15$

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

Left In: 1994.997 ± 0.427 $\chi^2/\text{NDF}: 68963.1/13$

Left: 2011.786 ± 0.298 $\chi^2/\text{NDF}: 514717.0/29$

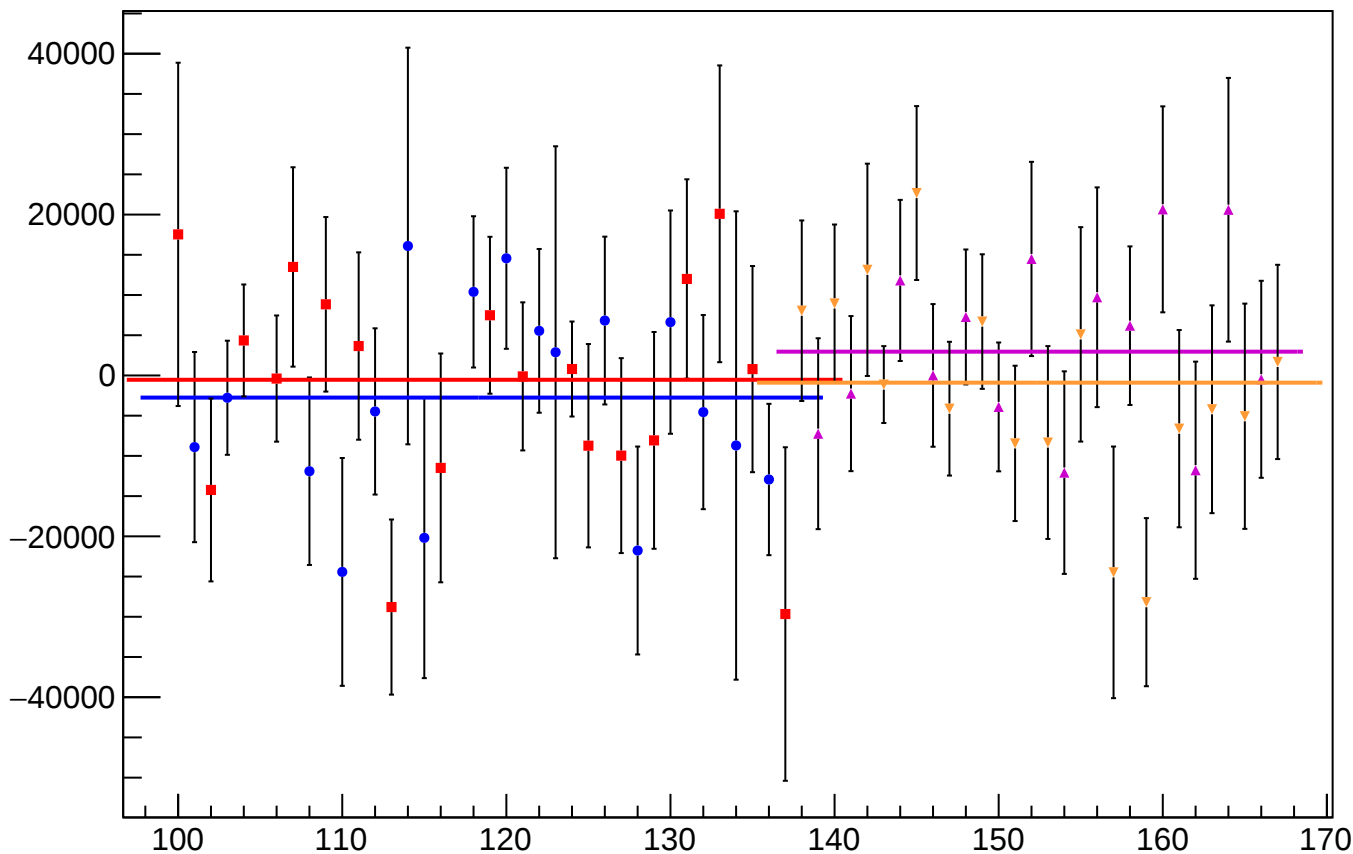
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1866.883 ± 0.318 $\chi^2/\text{NDF}: 693151.5/30$

Out: 1909.066 ± 0.316 $\chi^2/\text{NDF}: 1378777.4/34$

All: 1888.140 ± 0.224 $\chi^2/\text{NDF}: 2080794.6/65$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -894.901+/-2452.126 χ^2/NDF : 19.2/15

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

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

Left: 728.504+/-1865.174 χ^2/NDF : 30.2/29

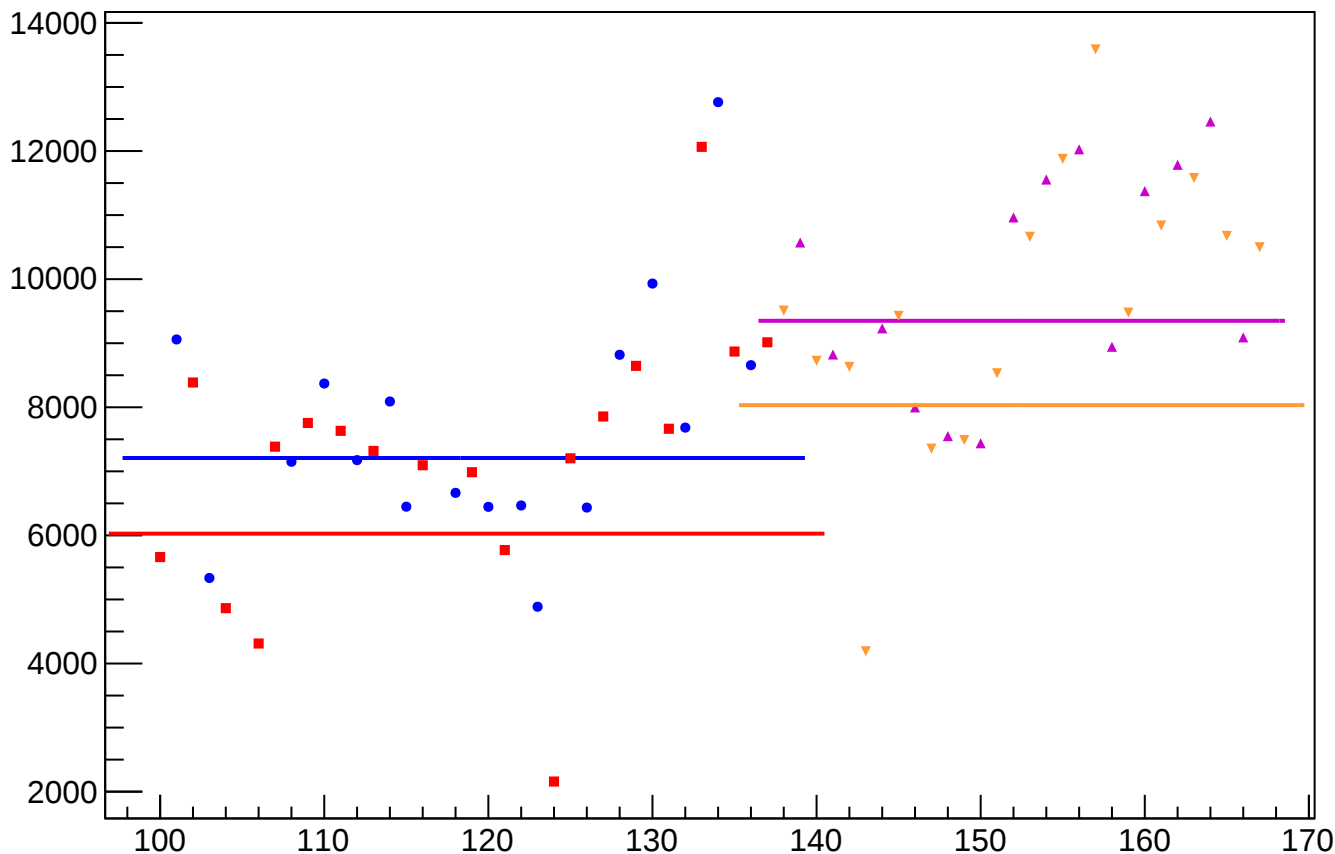
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

Out: -714.689+/-1724.236 χ^2/NDF : 37.7/34

All: -382.993+/-1311.622 χ^2/NDF : 64.3/65

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8033.010+/-1.734 χ^2/NDF : 2363887.7/15

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

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

Left: 8588.065+/-1.319 χ^2/NDF : 3252189.0/29

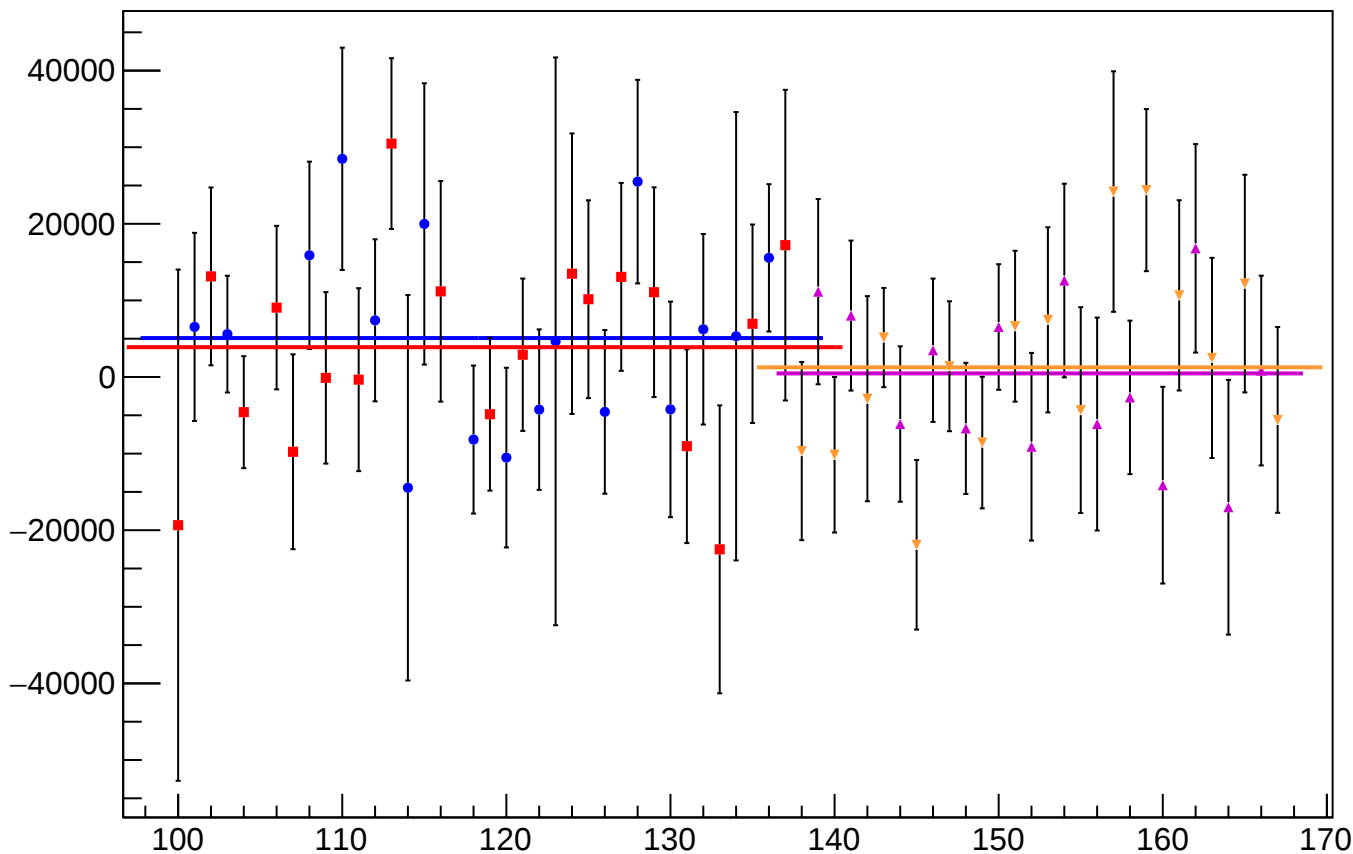
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 7019.046+/-1.219 χ^2/NDF : 4838457.9/34

All: 7545.152+/-0.927 χ^2/NDF : 6980925.2/65

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1262.019+/-2654.817 χ^2/NDF : 17.4/15

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

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

Left: 904.285+/-1966.957 χ^2/NDF : 26.3/29

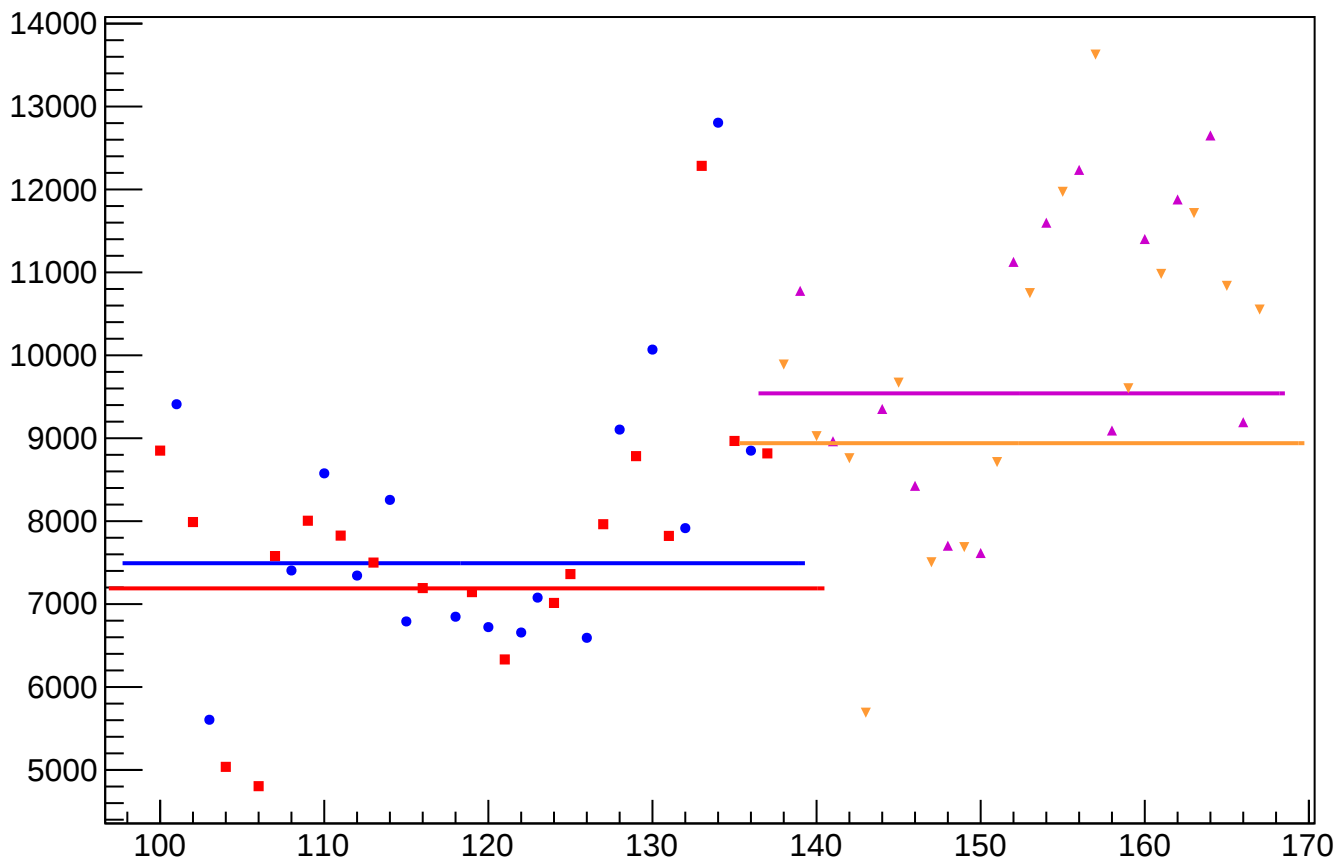
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 2511.629+/-1923.343 χ^2/NDF : 33.6/34

All: 2624.234+/-1412.218 χ^2/NDF : 57.6/65

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8940.364+/-1.877 χ^2/NDF : 1174506.1/15

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

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

Left: 9211.345+/-1.391 χ^2/NDF : 1818332.4/29

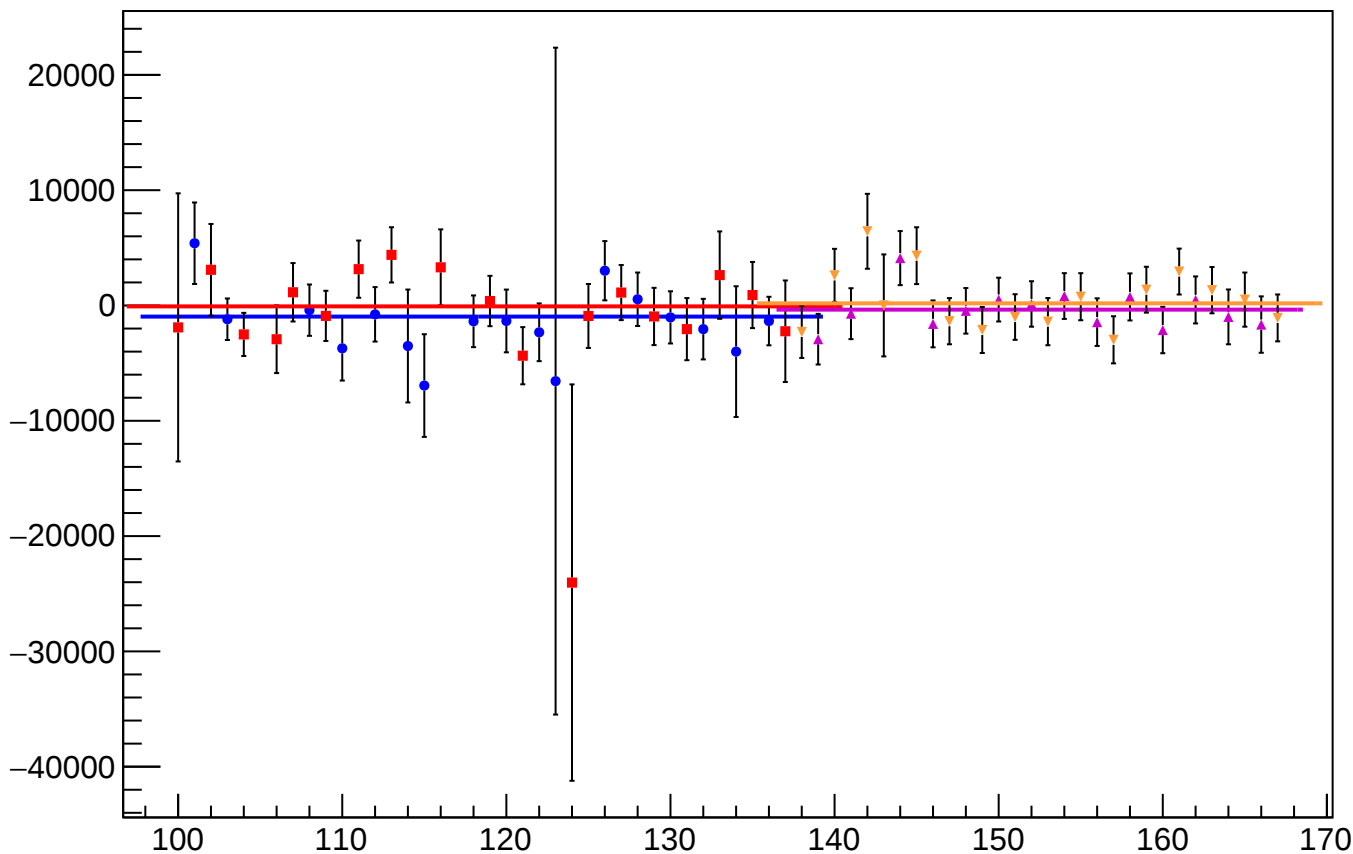
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

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

Out: 8108.350+/-1.360 χ^2/NDF : 2148773.8/34

All: 8300.932+/-0.999 χ^2/NDF : 3711702.0/65

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 187.537 $\pm$ 546.705 χ^2 /NDF:17.2/15

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

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

Left: -79.212 $\pm$ 391.241 χ^2 /NDF: 25.6/29

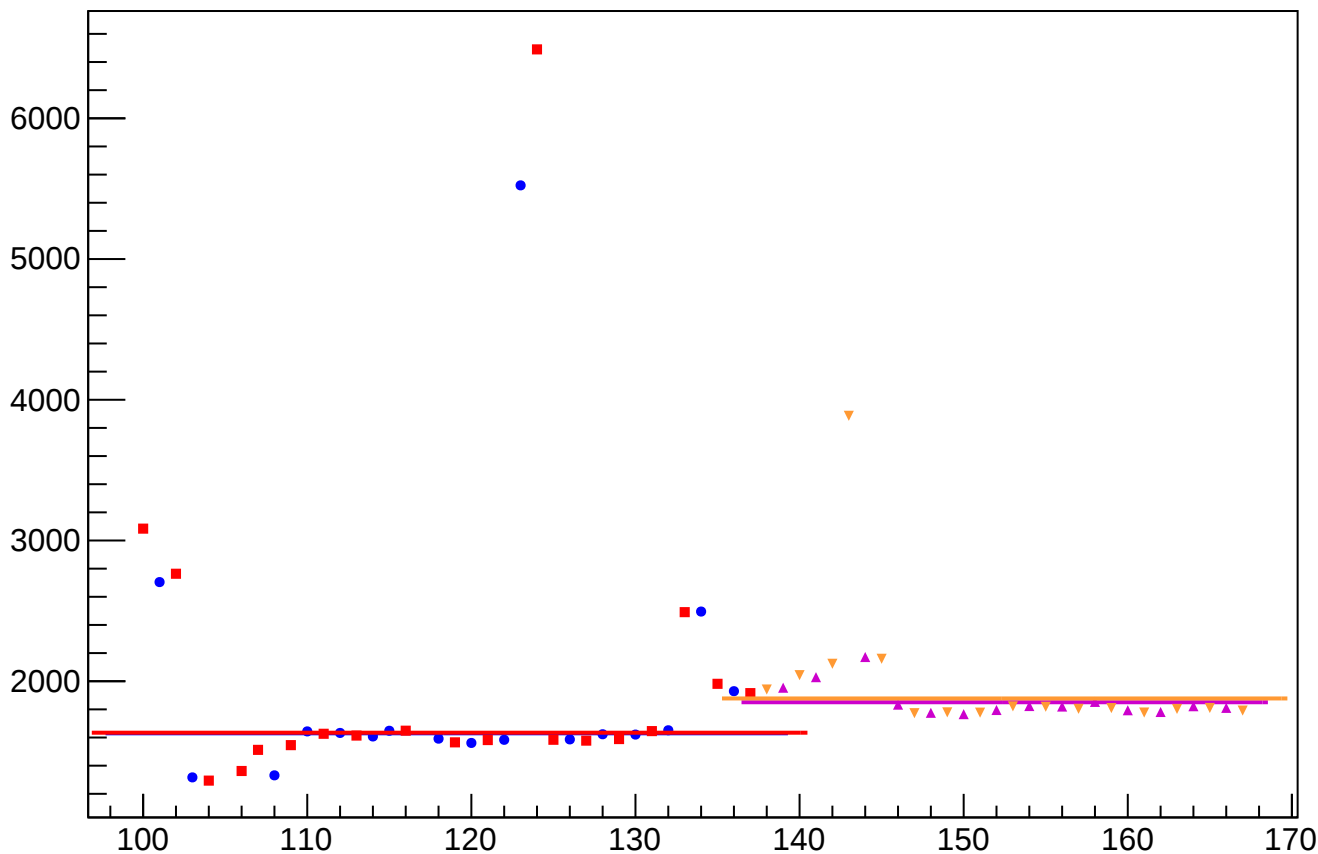
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

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

Out: 74.723 $\pm$ 413.887 χ^2 /NDF:34.0/34

All: -265.362 $\pm$ 295.613 χ^2 /NDF: 53.9/65

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1877.620 ± 0.387 $\chi^2/\text{NDF}: 498879.7/15$

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

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

Left: 1864.470 ± 0.277 $\chi^2/\text{NDF}: 570354.3/29$

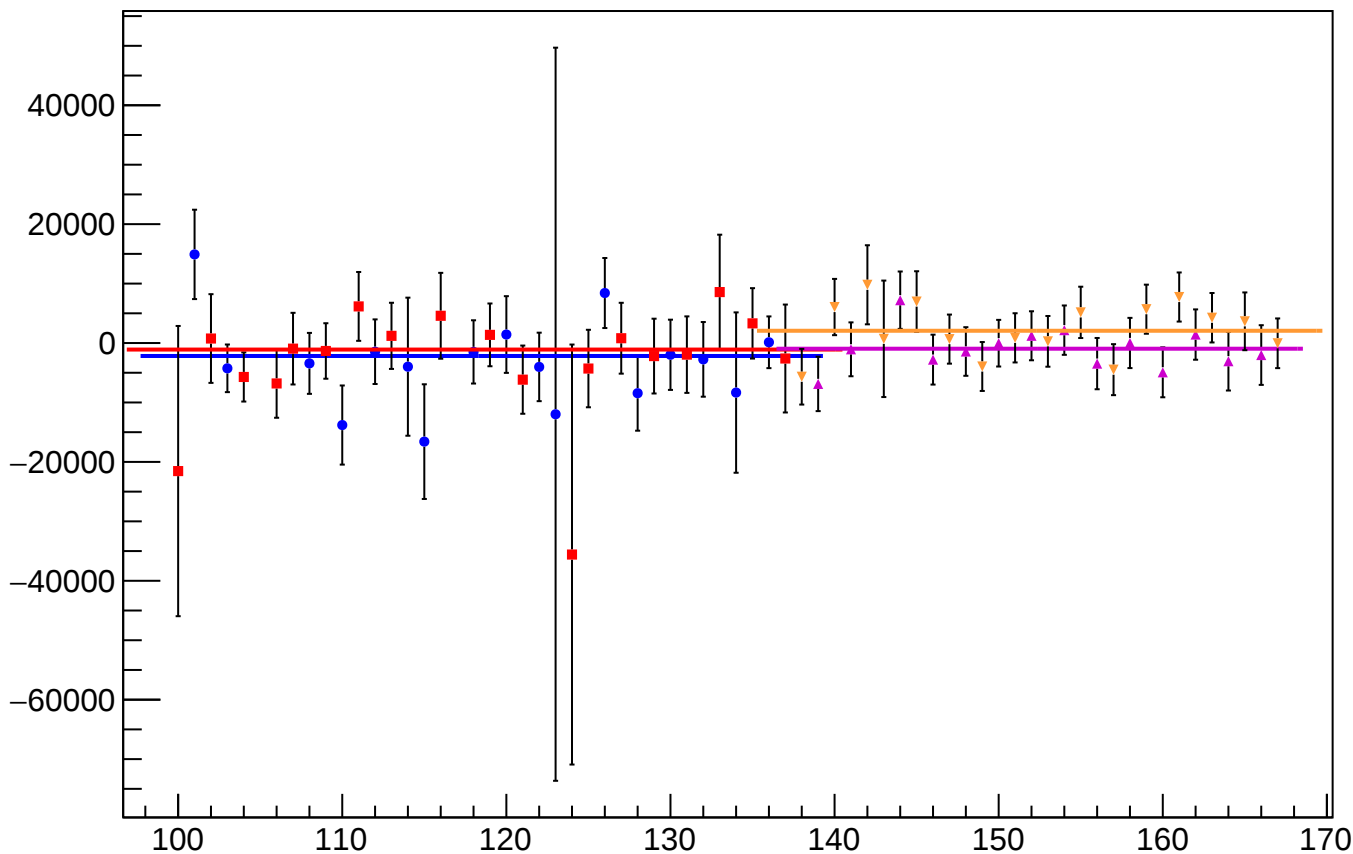
Right: 1632.138 ± 0.319 $\chi^2/\text{NDF}: 996846.6/35$

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

Out: 1773.736 ± 0.293 $\chi^2/\text{NDF}: 1256698.5/34$

All: 1764.775 ± 0.209 $\chi^2/\text{NDF}: 1869836.6/65$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2063.365+/-1135.594 χ^2/NDF :14.4/15

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

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

Left: 587.776+/-812.107 χ^2/NDF : 25.3/29

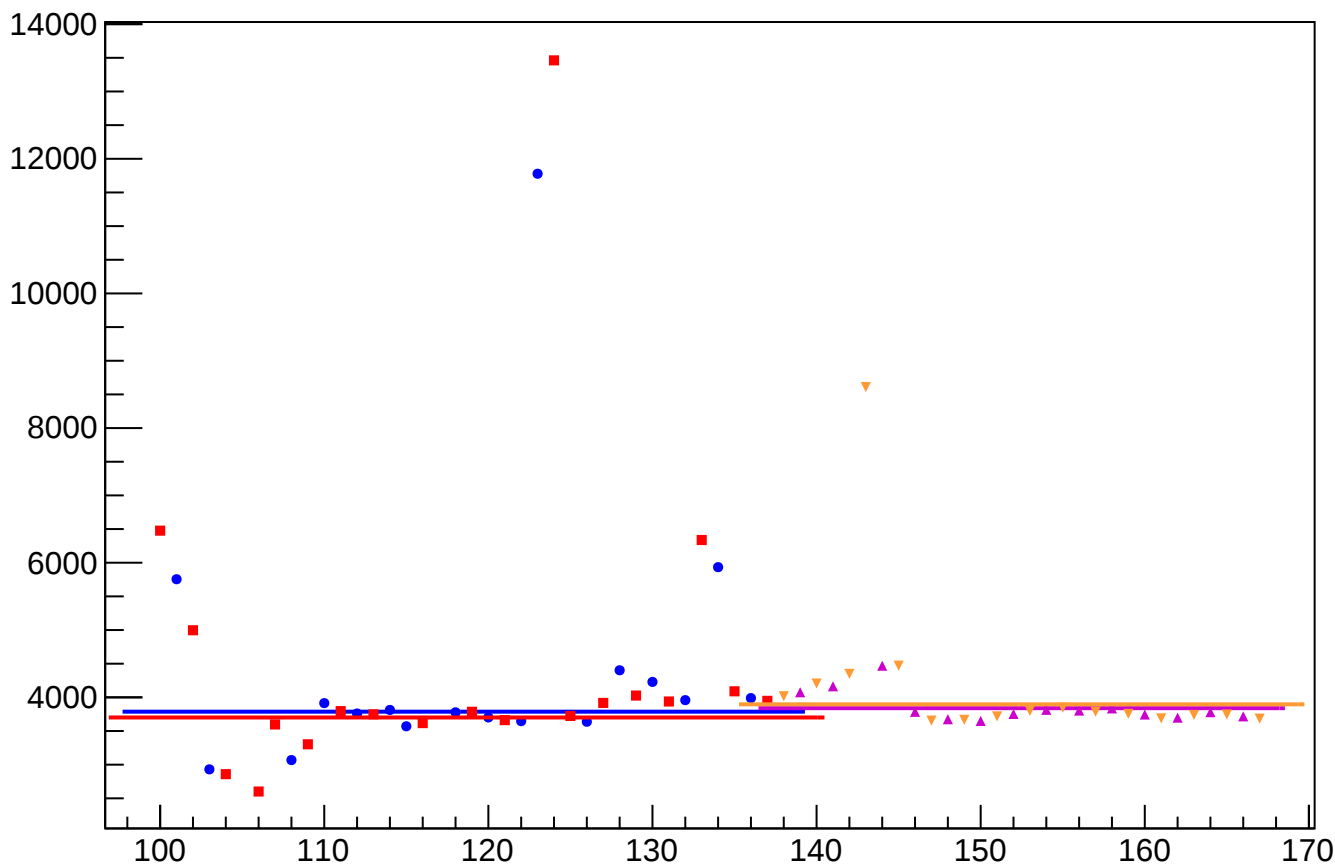
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

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

Out: 850.854+/-891.641 χ^2/NDF :26.6/34

All: -251.800+/-639.237 χ^2/NDF : 53.6/65

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3896.553 $\pm$ 0.803 χ^2/NDF : 544122.6/15

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

Left In: 3839.255 $\pm$ 0.822 χ^2/NDF : 63776.0/13

Left: 3868.558 $\pm$ 0.574 χ^2/NDF : 610386.3/29

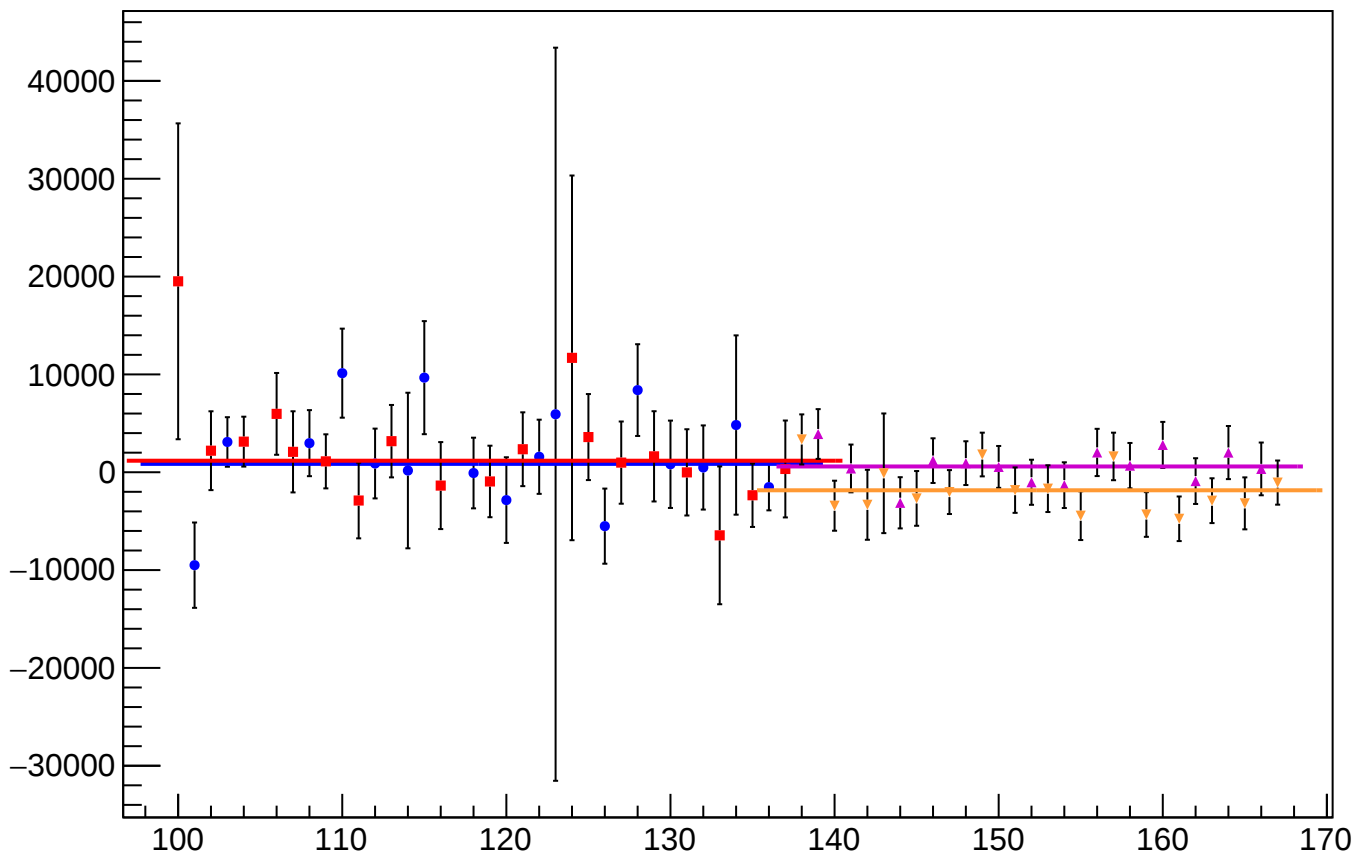
Right: 3742.549 $\pm$ 0.733 χ^2/NDF : 977213.6/35

In: 3819.660 $\pm$ 0.648 χ^2/NDF : 457935.1/30

Out: 3821.531 $\pm$ 0.630 χ^2/NDF : 1147978.5/34

All: 3820.621 $\pm$ 0.452 χ^2/NDF : 1605917.9/65

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 $\chi^2/\text{NDF}: 20.7/16$

Left Out: -1844.377 ± 627.191 $\chi^2/\text{NDF}: 14.0/15$

Right Out: 1178.044 ± 925.669 $\chi^2/\text{NDF}: 8.6/18$

Left In: 590.274 ± 639.619 $\chi^2/\text{NDF}: 6.9/13$

Left: -650.935 ± 447.820 $\chi^2/\text{NDF}: 28.3/29$

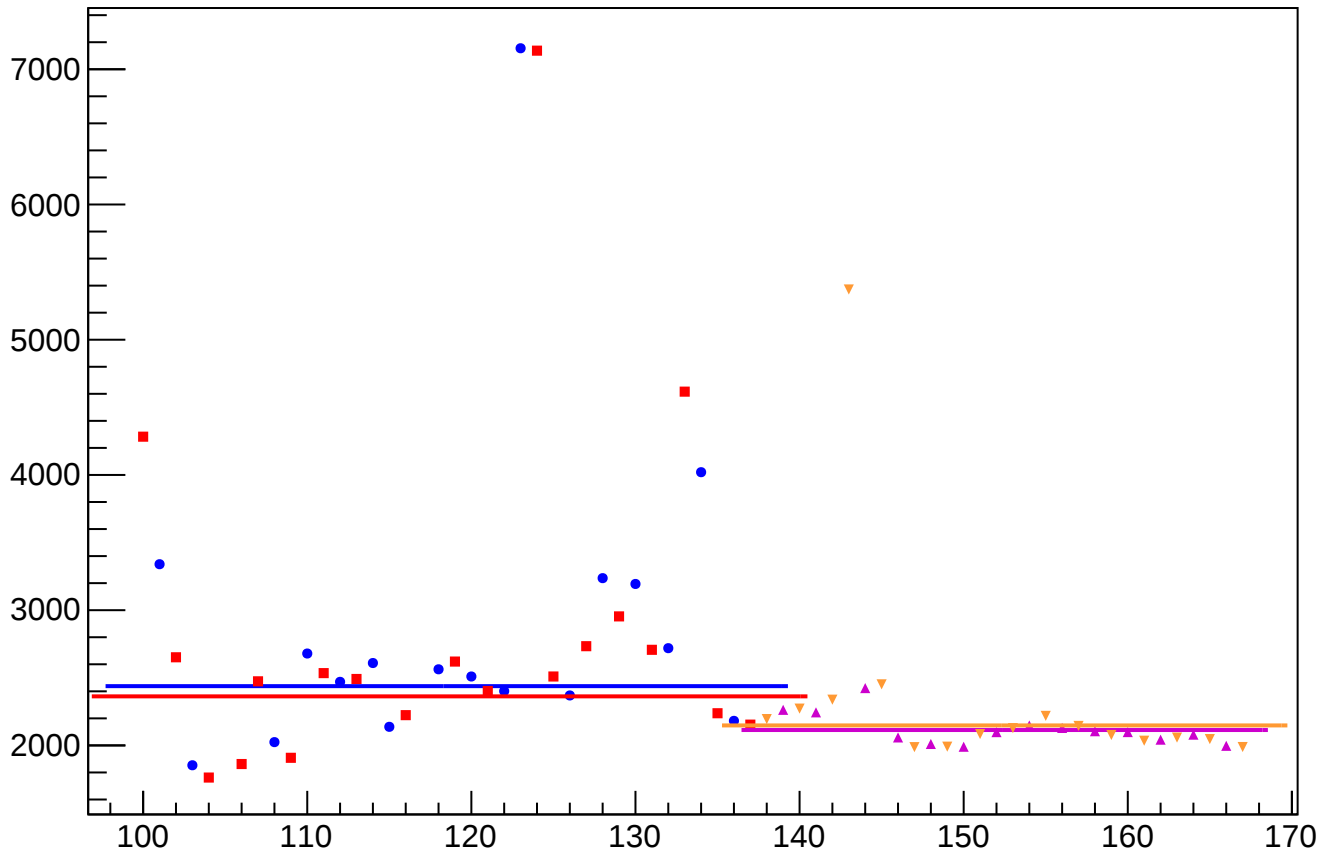
Right: 1023.765 ± 667.934 $\chi^2/\text{NDF}: 29.3/35$

In: 671.469 ± 533.097 $\chi^2/\text{NDF}: 27.6/30$

Out: -893.413 ± 519.231 $\chi^2/\text{NDF}: 29.9/34$

All: -131.589 ± 371.957 $\chi^2/\text{NDF}: 61.9/65$

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2147.859+/-0.443 χ^2/NDF : 636633.4/15

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

Left In: 2113.822+/-0.452 χ^2/NDF : 59398.6/13

Left: 2131.174+/-0.317 χ^2/NDF : 698919.2/29

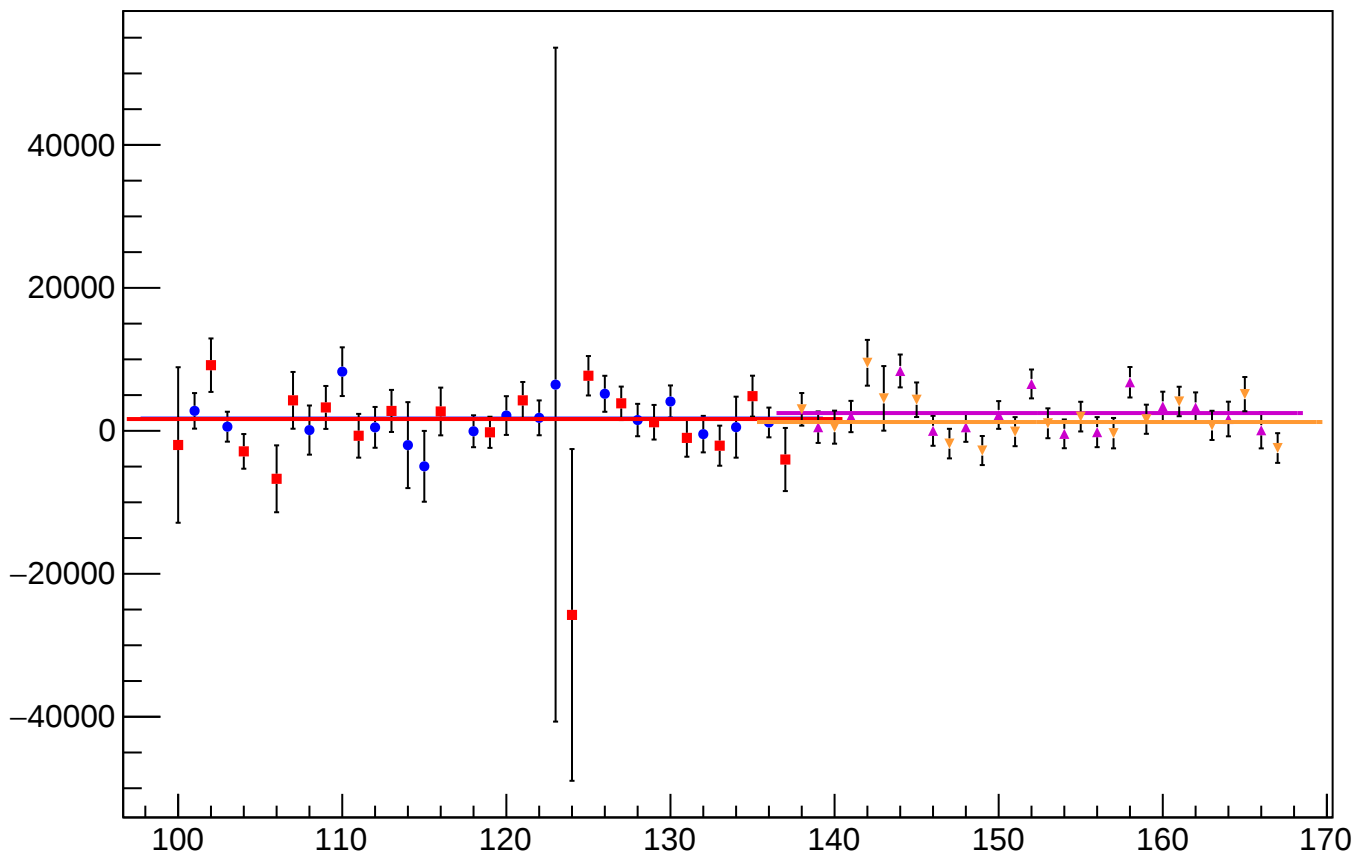
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2212.892+/-0.377 χ^2/NDF : 693259.6/30

Out: 2215.468+/-0.367 χ^2/NDF : 1368023.2/34

All: 2214.214+/-0.263 χ^2/NDF : 2061306.8/65

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1234.029 $\pm$ 557.396 χ^2 /NDF:24.5/15

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

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

Left: 1844.844 $\pm$ 399.049 χ^2 /NDF: 49.9/29

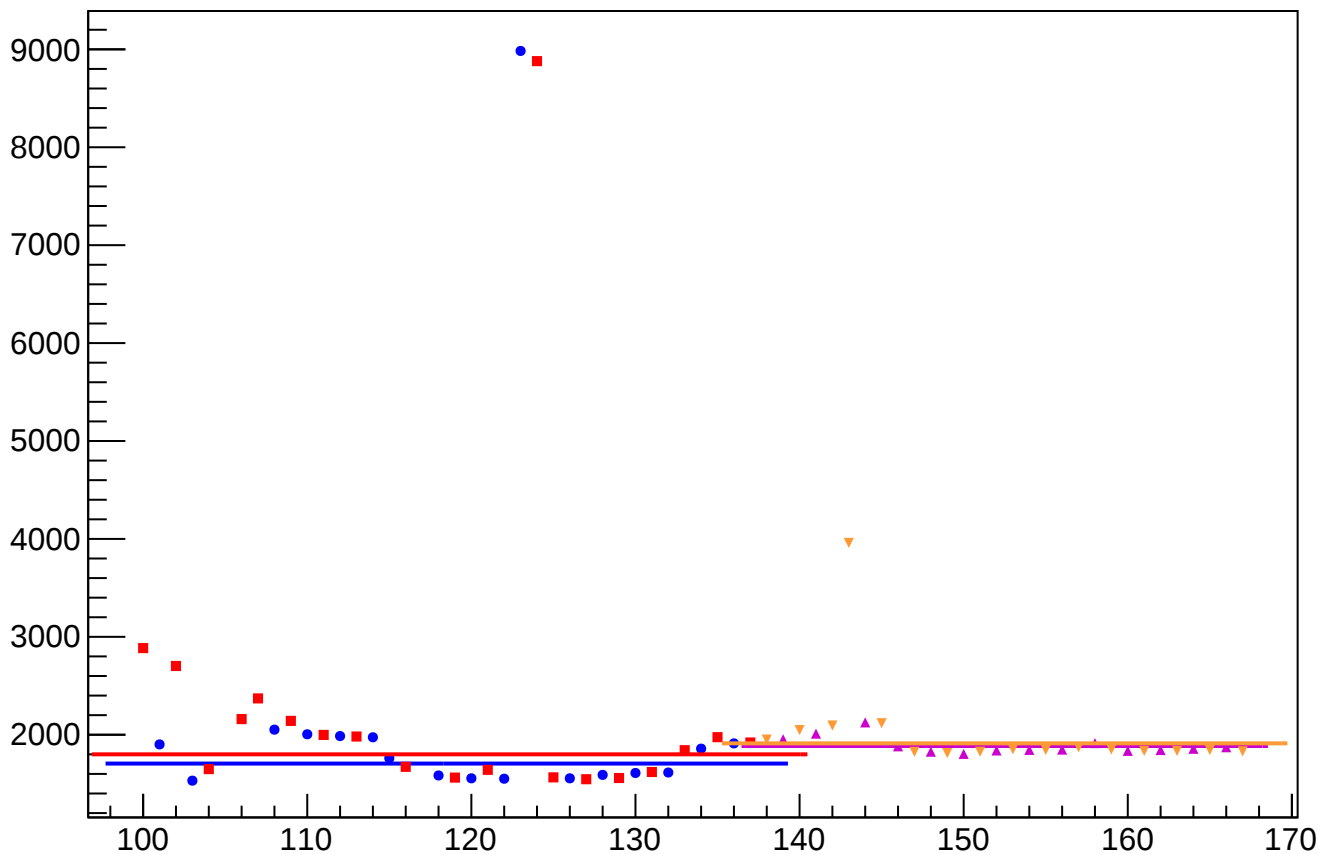
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

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

Out: 1397.265 $\pm$ 434.651 χ^2 /NDF:51.6/34

All: 1778.782 $\pm$ 307.131 χ^2 /NDF: 88.3/65

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1912.139 $\pm$ 0.394 χ^2 /NDF: 467528.6/15

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

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

Left: 1898.928 $\pm$ 0.282 χ^2 /NDF: 510471.8/29

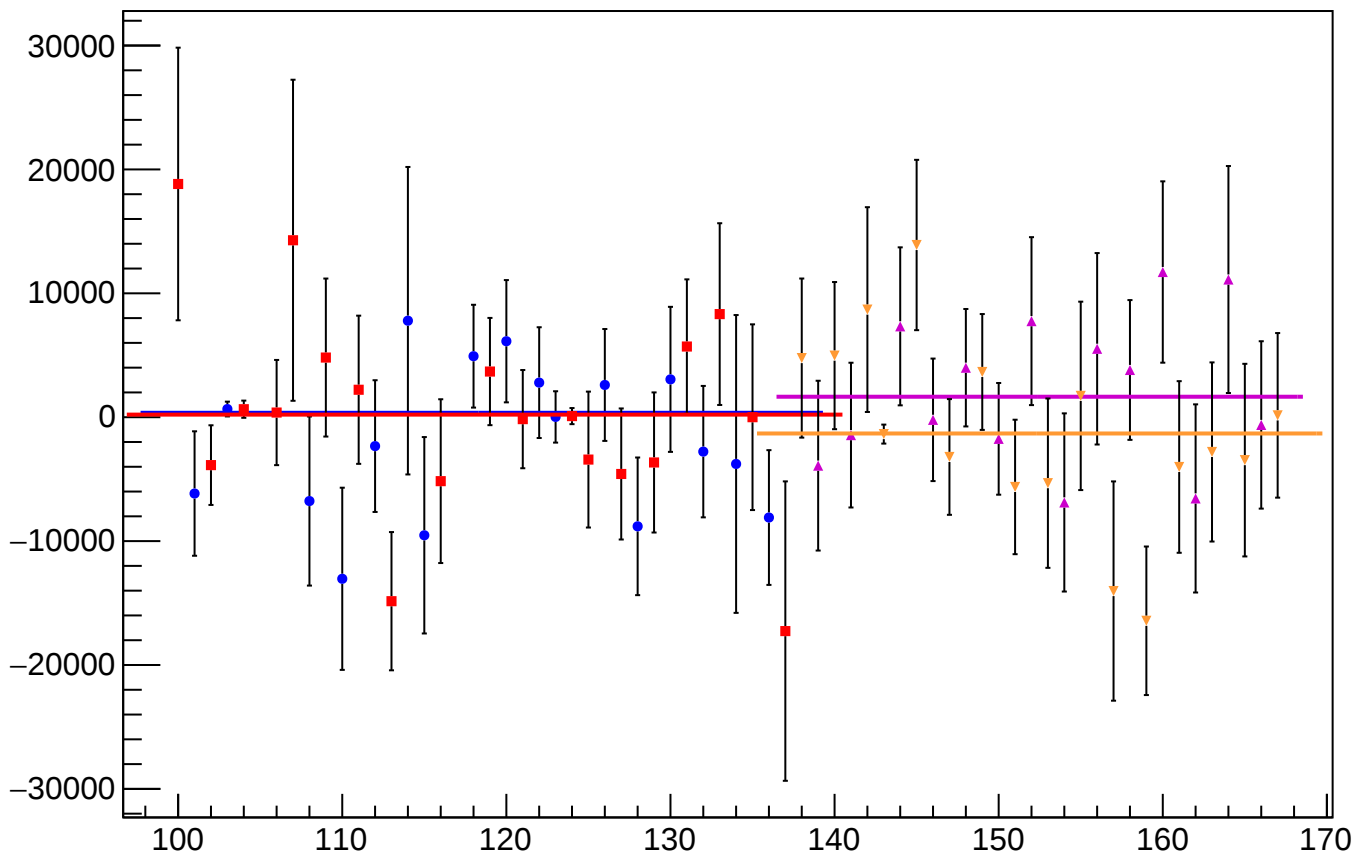
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

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

Out: 1868.068 $\pm$ 0.307 χ^2 /NDF: 1038124.3/34

All: 1838.566 $\pm$ 0.217 χ^2 /NDF: 1374805.0/65

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1313.135 $\pm$ 694.010 χ^2 /NDF:19.6/15

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

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

Left: -865.480 $\pm$ 639.511 χ^2 /NDF: 31.9/29

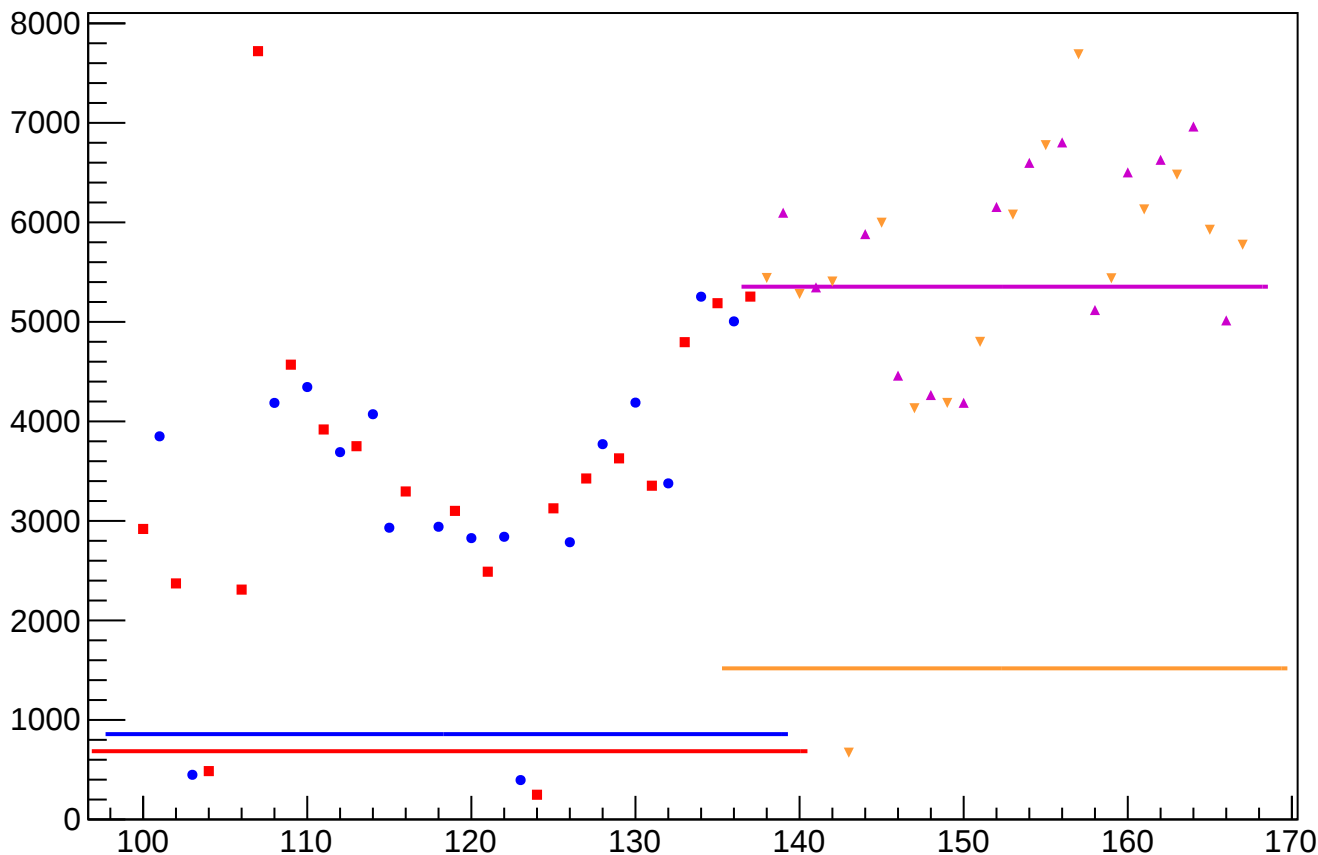
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

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

Out: -236.133 $\pm$ 375.575 χ^2 /NDF:44.3/34

All: 17.478 $\pm$ 301.847 χ^2 /NDF: 73.2/65

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1518.403 $\pm$ 0.491 χ^2 /NDF:14261080.2/15

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

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

Left: 2097.111 $\pm$ 0.452 χ^2 /NDF: 24153763.0/29

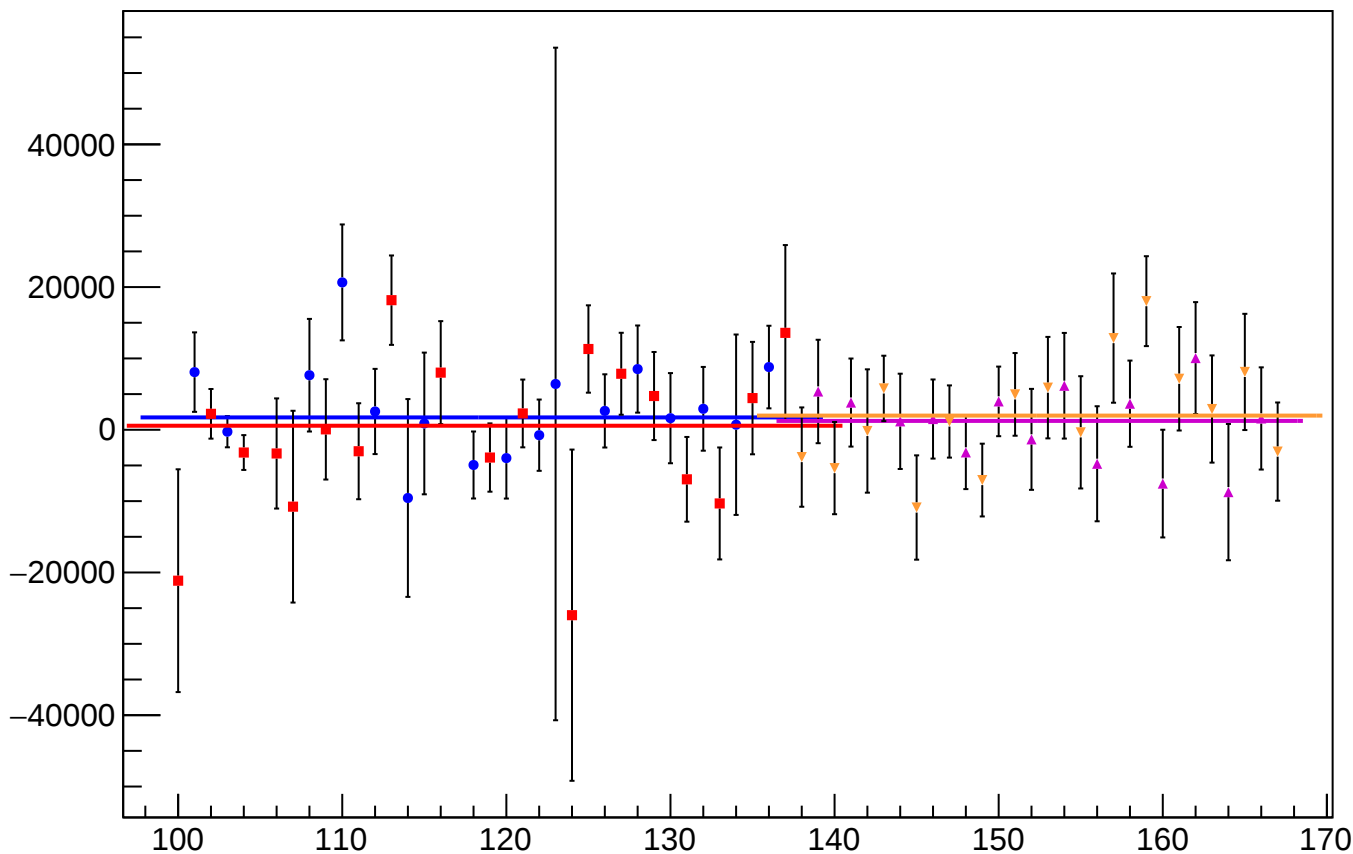
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 929.637 $\pm$ 0.266 χ^2 /NDF:25757726.3/34

All: 1055.227 $\pm$ 0.213 χ^2 /NDF: 48742094.6/66

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1987.424+/-1626.898 χ^2/NDF : 19.2/15

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

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

Left: 1642.826+/-1192.567 χ^2/NDF : 25.9/29

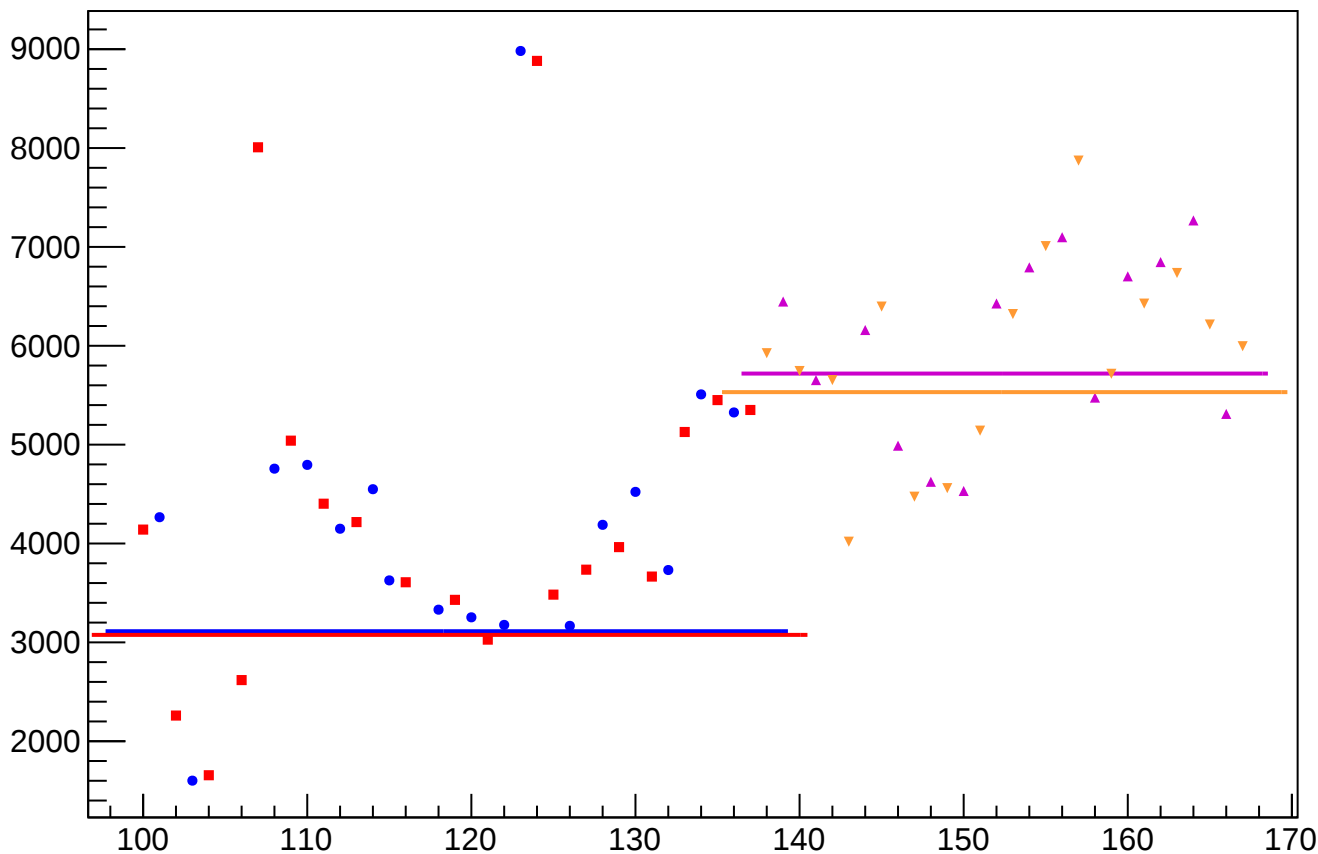
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 1113.438+/-1009.024 χ^2/NDF : 46.8/34

All: 1327.788+/-726.423 χ^2/NDF : 68.4/65

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5531.170 $\pm$ 1.150 χ^2 /NDF: 759504.3/15

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

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

Left: 5618.049 $\pm$ 0.843 χ^2 /NDF: 1302998.3/29

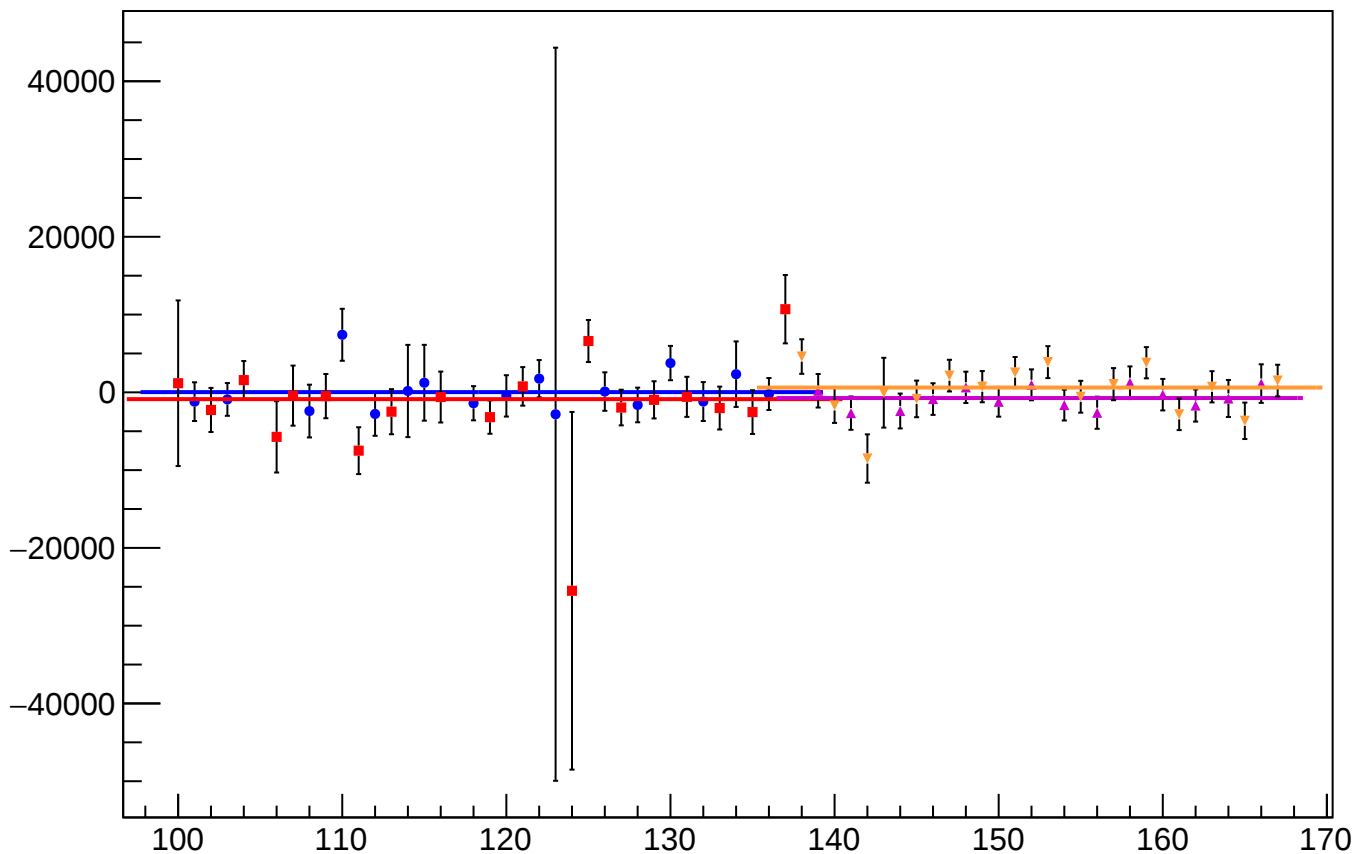
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

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

Out: 4003.338 $\pm$ 0.707 χ^2 /NDF: 5605283.0/34

All: 4021.534 $\pm$ 0.511 χ^2 /NDF: 10866857.3/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 617.756 ± 546.643 $\chi^2/\text{NDF}: 26.6/15$

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

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

Left: -39.944 ± 391.423 $\chi^2/\text{NDF}: 35.2/29$

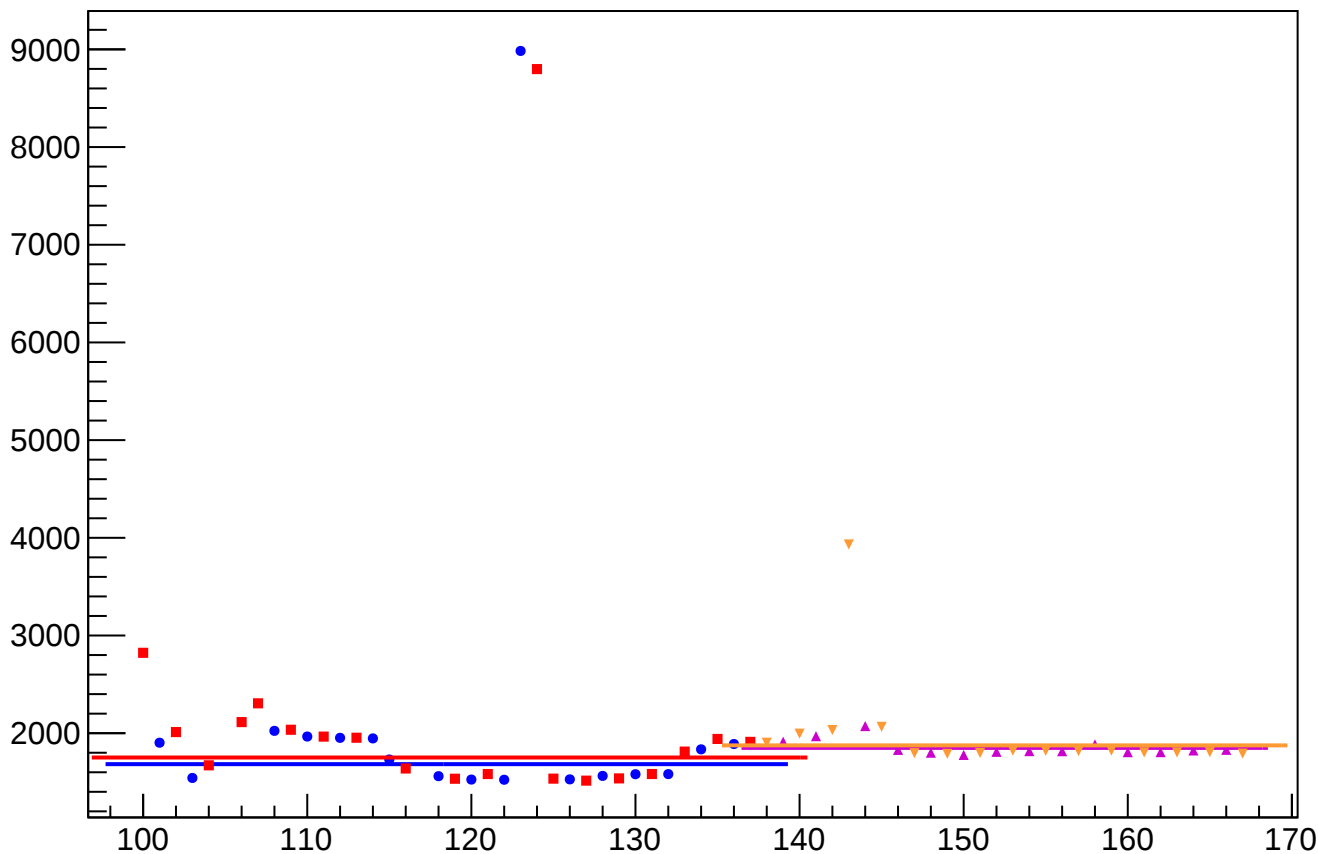
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

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

Out: 24.888 ± 424.378 $\chi^2/\text{NDF}: 55.2/34$

All: -192.278 ± 300.967 $\chi^2/\text{NDF}: 73.9/65$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1875.238+/-0.387 χ^2/NDF : 470193.6/15

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

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

Left: 1862.776+/-0.277 χ^2/NDF : 509058.1/29

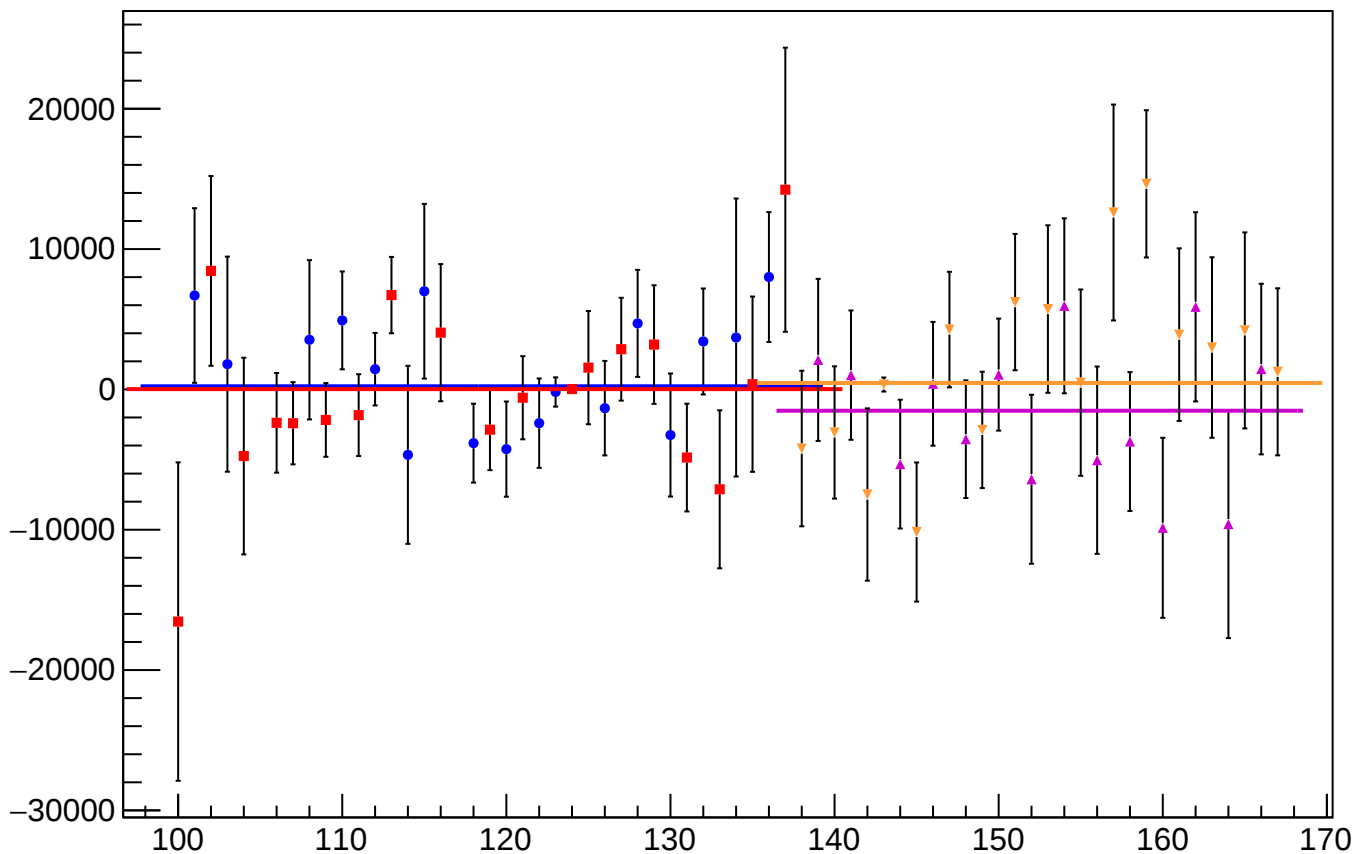
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1825.781+/-0.300 χ^2/NDF : 938359.8/34

All: 1802.872+/-0.213 χ^2/NDF : 1256871.3/65

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 457.423 $\pm$ 470.406 χ^2 /NDF:21.9/15

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

Left In: -1520.610 $\pm$ 1413.261 χ^2 /NDF:8.9/13

Left: 260.134 $\pm$ 446.331 χ^2 /NDF: 32.5/29

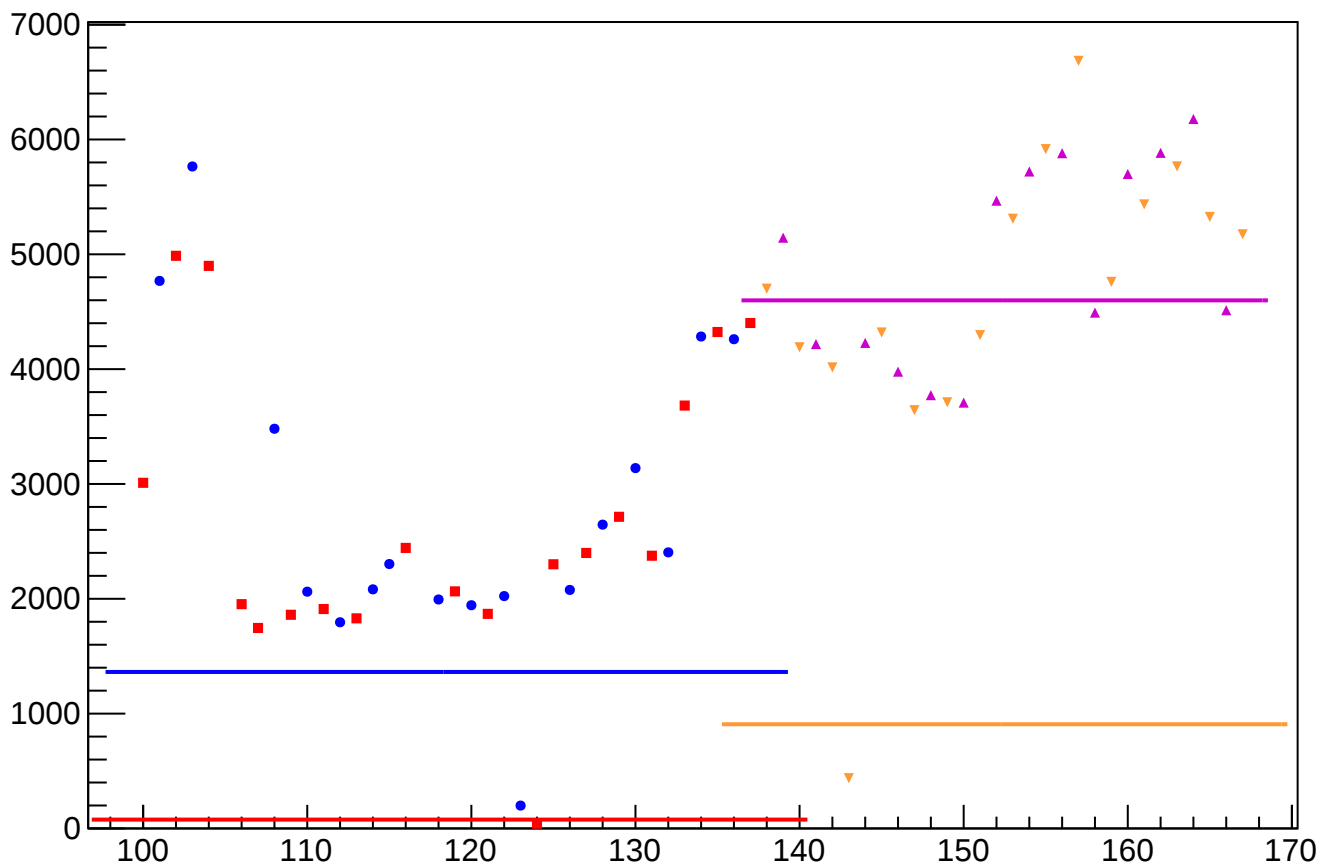
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: -139.556 $\pm$ 642.189 χ^2 /NDF:25.9/30

Out: 44.570 $\pm$ 110.912 χ^2 /NDF:43.4/34

All: 39.237 $\pm$ 109.294 χ^2 /NDF: 69.4/65

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 907.427 $\pm$ 0.333 χ^2 /NDF: 16390477.6/15

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

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

Left: 1275.610 $\pm$ 0.316 χ^2 /NDF: 29324245.0/29

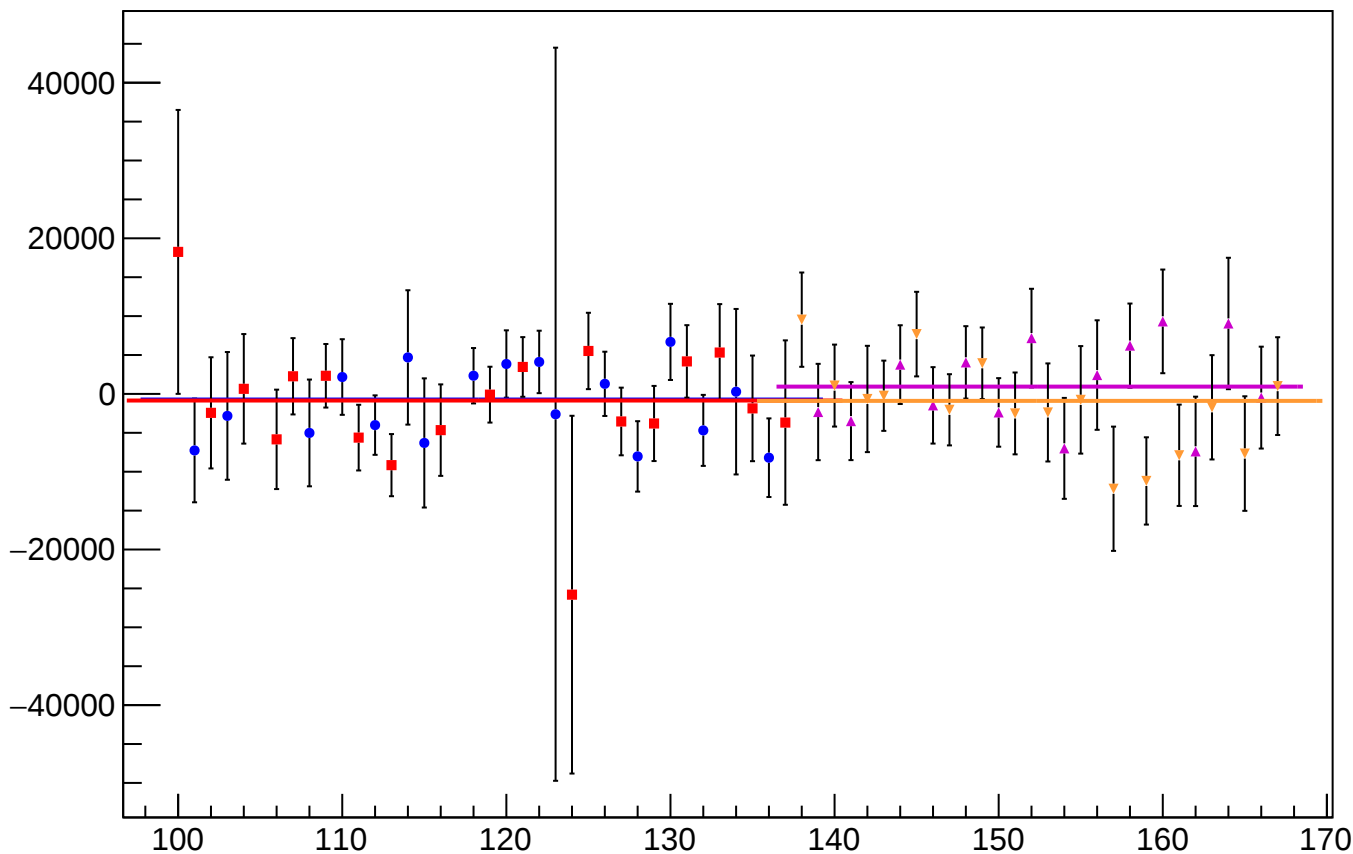
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 123.286 $\pm$ 0.078 χ^2 /NDF: 35523062.7/34

All: 178.543 $\pm$ 0.077 χ^2 /NDF: 67867921.1/65

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -895.691+/-1440.397 χ^2/NDF : 14.4/15

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

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

Left: -33.987+/-1048.748 χ^2/NDF : 25.2/29

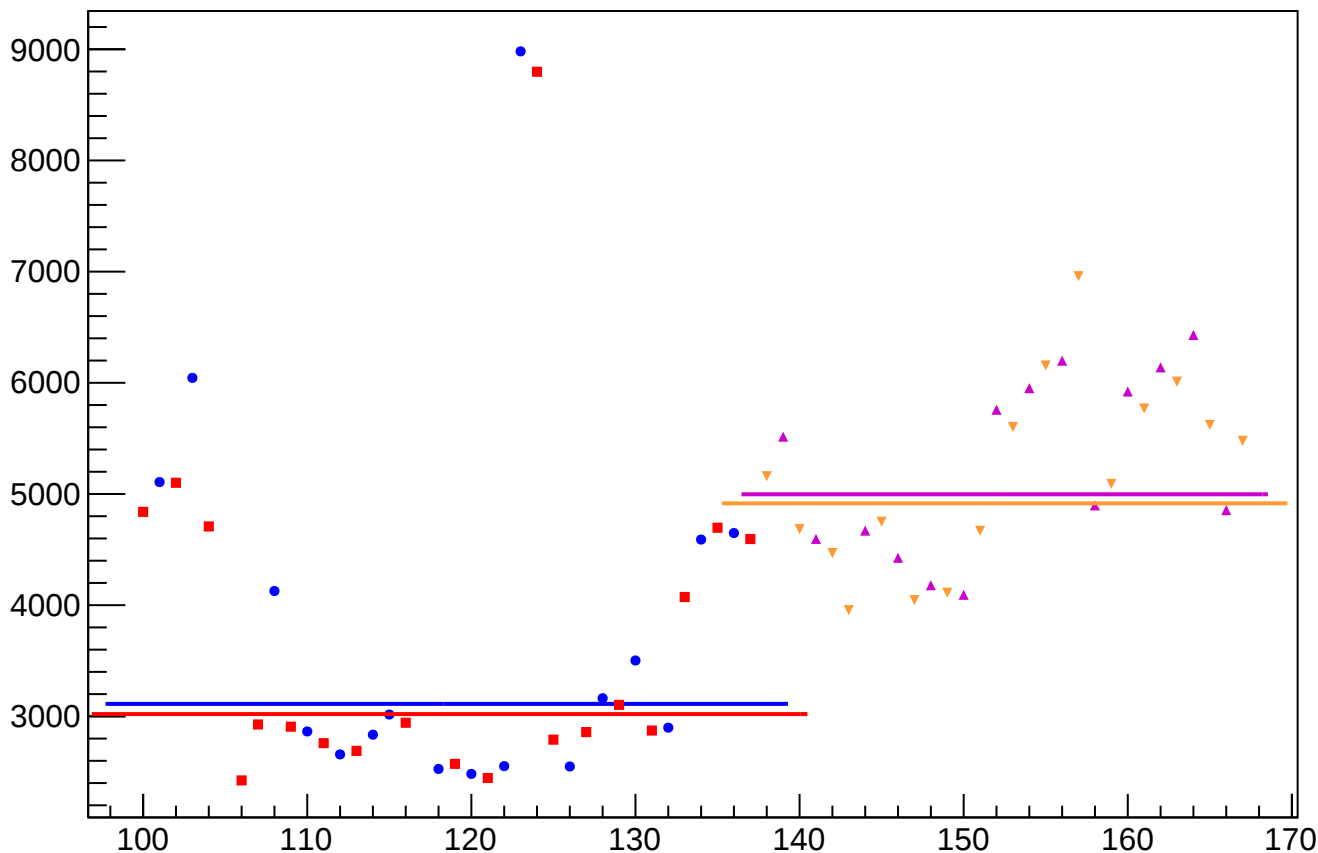
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

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

Out: -868.478+/-918.284 χ^2/NDF : 30.4/34

All: -483.888+/-666.588 χ^2/NDF : 56.3/65

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4915.869+/-1.019 χ^2/NDF : 588885.5/15

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

Left In: 4997.212+/-1.082 χ^2/NDF : 489068.4/13

Left: 4954.090+/-0.742 χ^2/NDF : 1080950.8/29

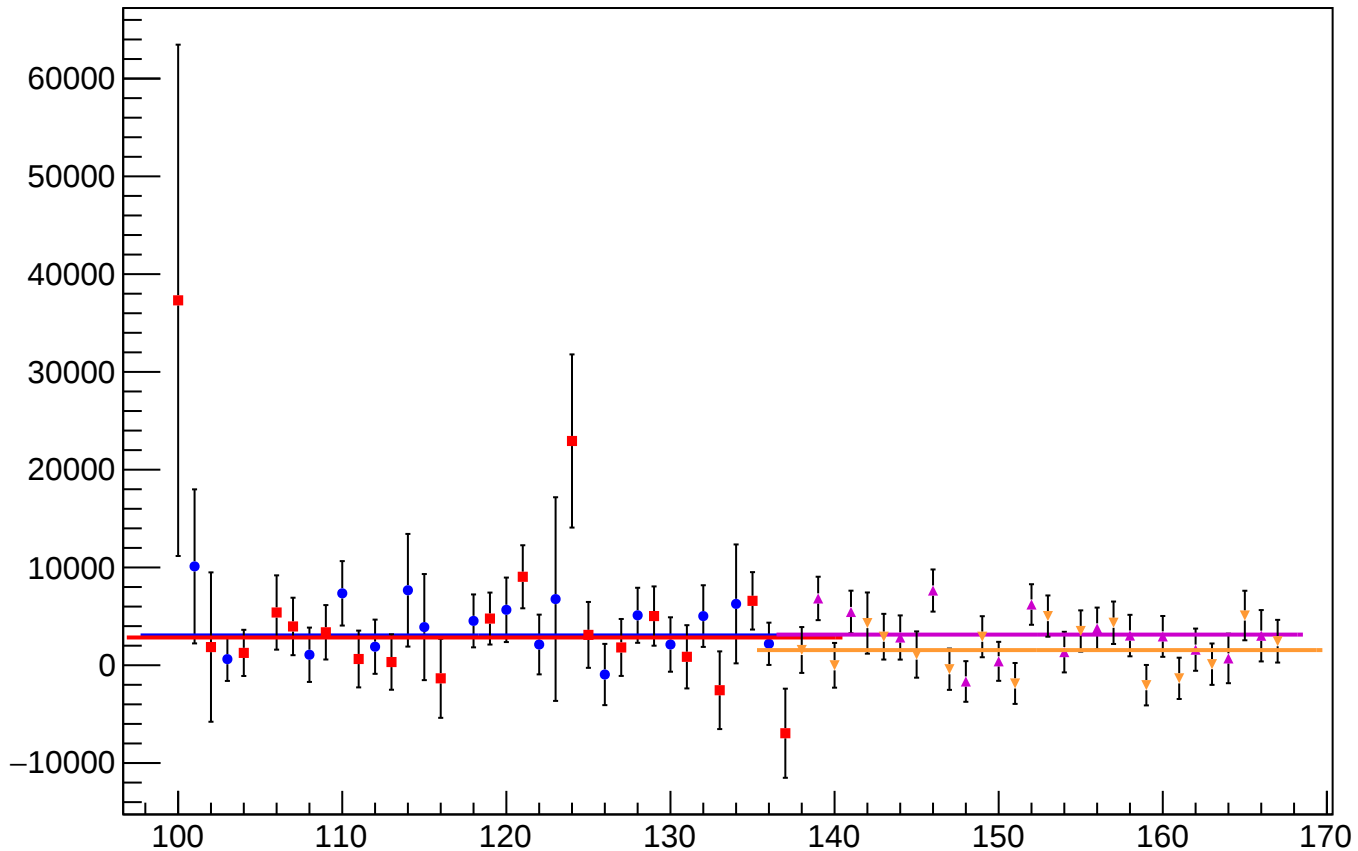
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3868.617+/-0.685 χ^2/NDF : 3265237.5/30

Out: 3779.311+/-0.644 χ^2/NDF : 3459844.1/34

All: 3821.225+/-0.469 χ^2/NDF : 6734093.5/65

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1548.688+/-556.816 χ^2/NDF :18.3/15

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

Left In: 3133.675+/-581.272 χ^2/NDF :20.0/13

Left: 2307.137+/-402.096 χ^2/NDF : 42.1/29

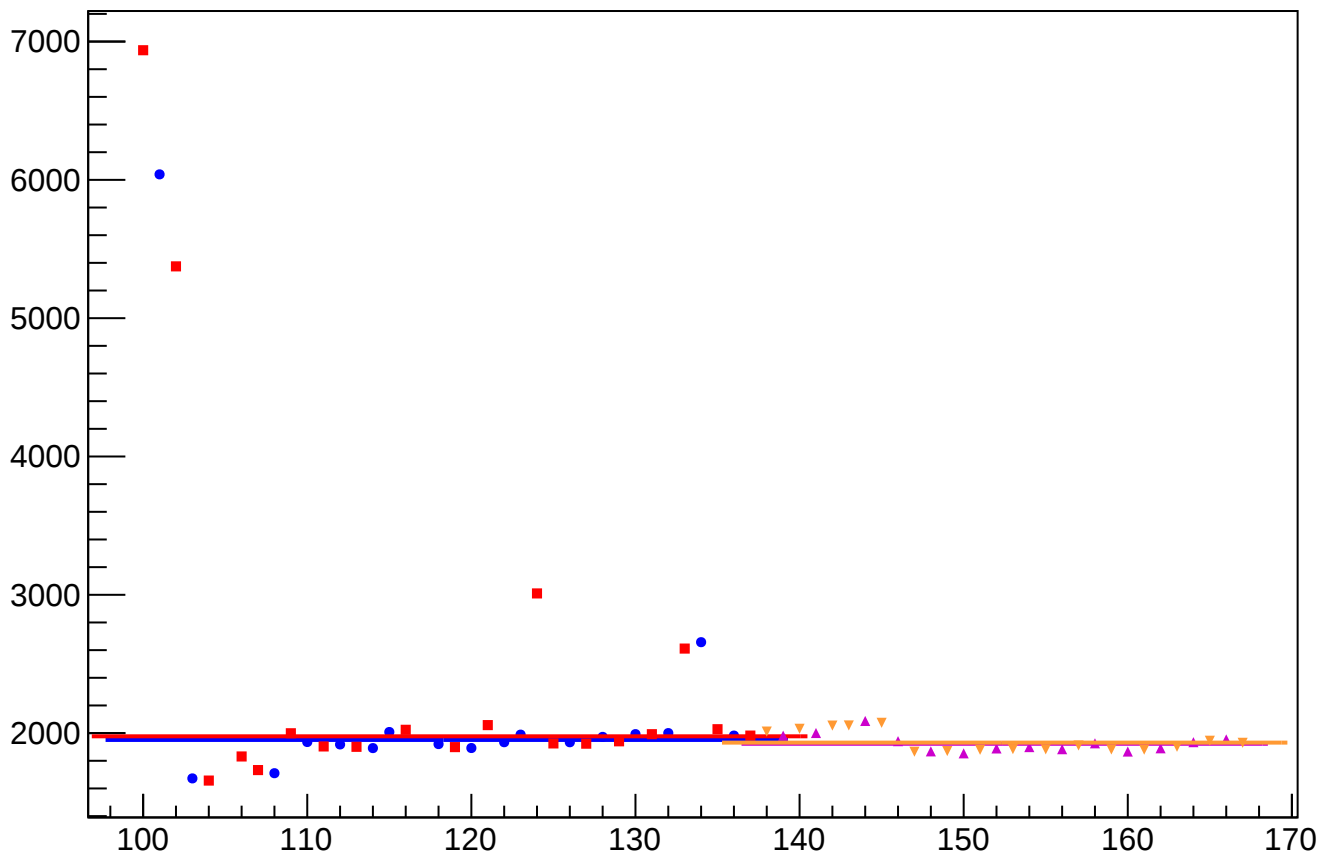
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3103.085+/-464.431 χ^2/NDF :29.3/30

Out: 1994.771+/-450.370 χ^2/NDF :43.9/34

All: 2531.898+/-323.316 χ^2/NDF : 76.1/65

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.395+/-0.394 χ^2/NDF : 32089.7/15

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

Left In: 1922.954+/-0.411 χ^2/NDF : 22284.1/13

Left: 1927.355+/-0.284 χ^2/NDF : 54593.8/29

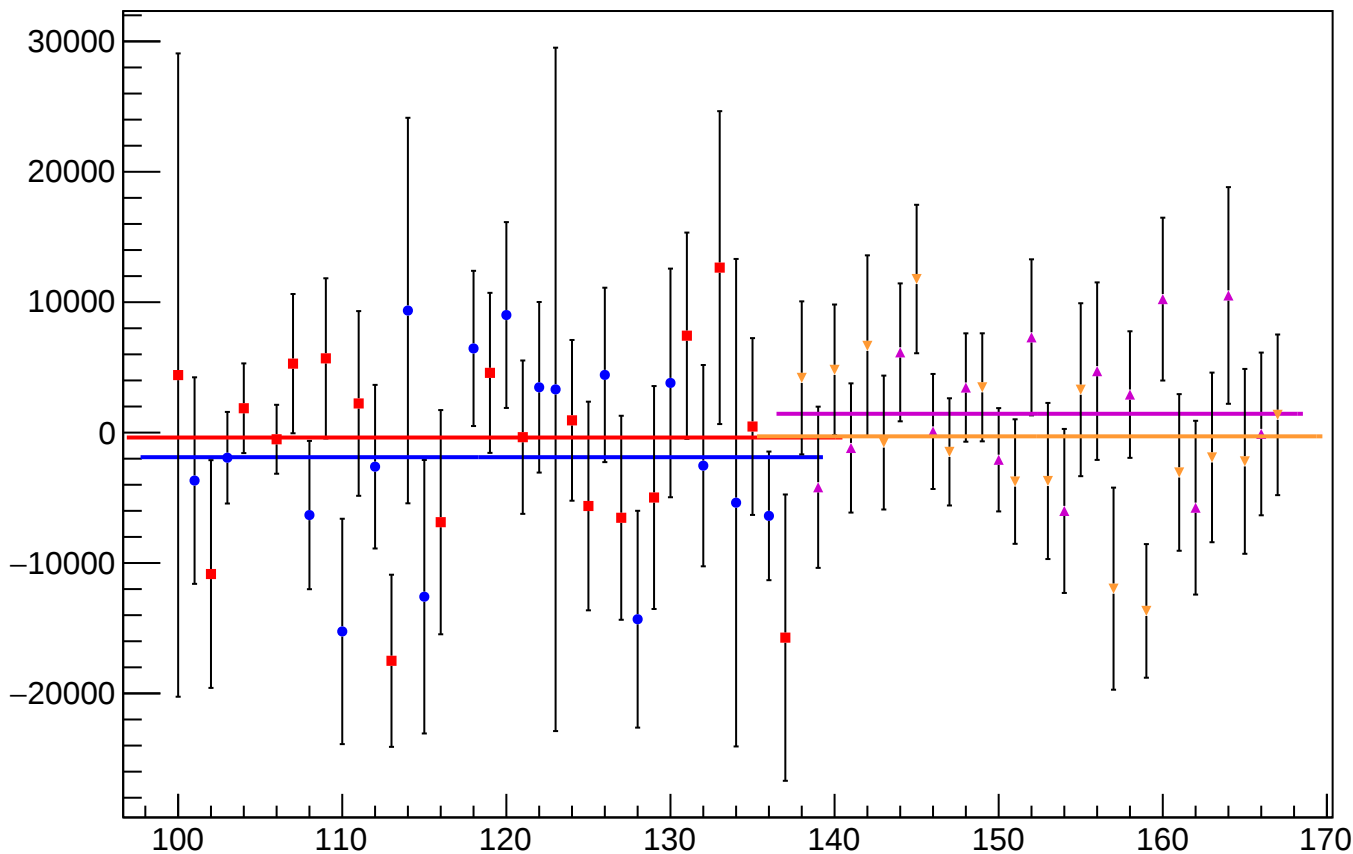
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1932.984+/-0.328 χ^2/NDF : 639096.3/30

Out: 1947.170+/-0.318 χ^2/NDF : 644435.0/34

All: 1940.297+/-0.229 χ^2/NDF : 1284493.2/65

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -287.298+/-1383.028 χ^2/NDF : 18.7/15

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

Left In: 1442.801+/-1441.359 χ^2/NDF : 10.1/13

Left: 542.035+/-997.933 χ^2/NDF : 29.6/29

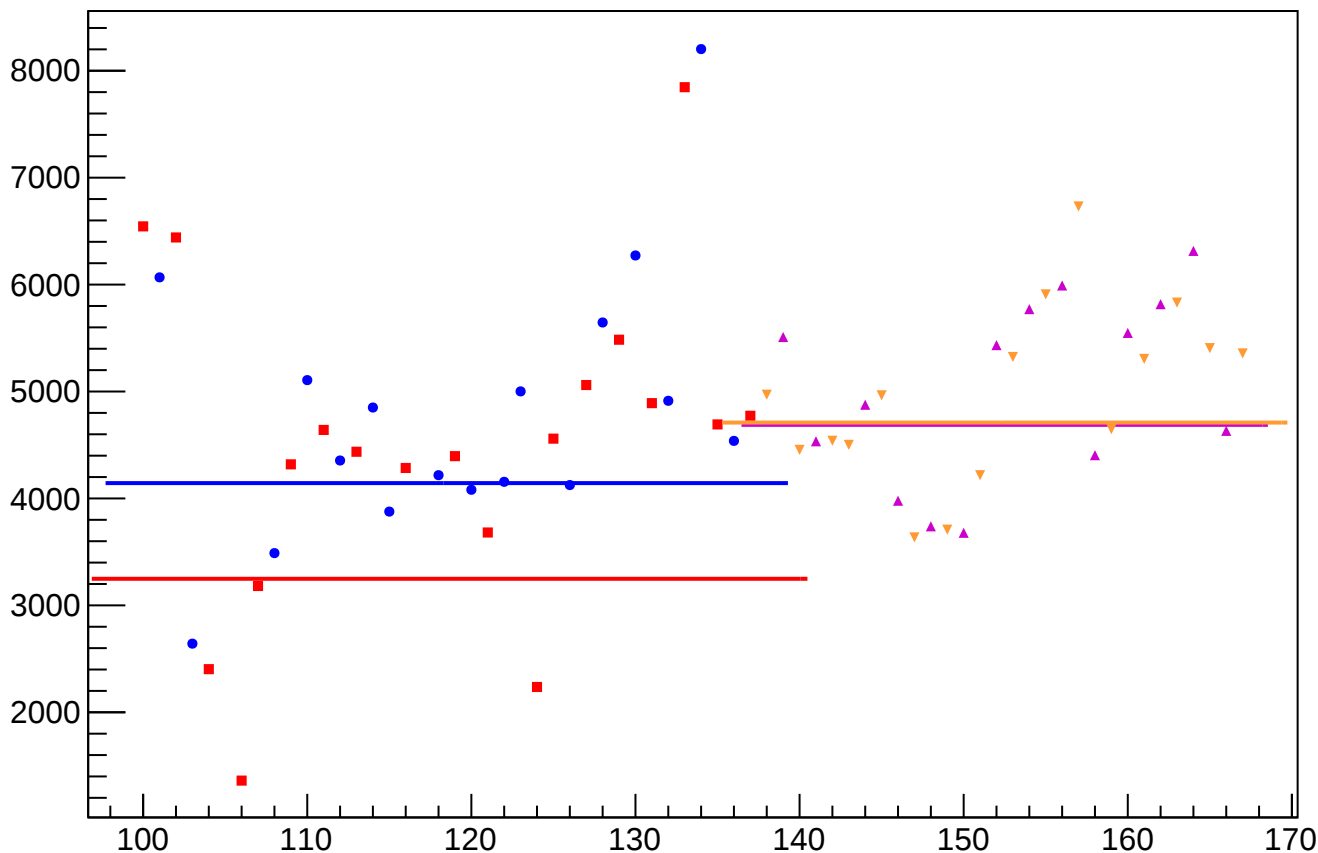
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: 10.235+/-1087.775 χ^2/NDF : 26.5/30

Out: -332.844+/-969.565 χ^2/NDF : 36.3/34

All: -180.952+/-723.784 χ^2/NDF : 62.9/65

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4709.572+/-0.978 χ^2/NDF : 635633.2/15

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

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

Left: 4699.435+/-0.706 χ^2/NDF : 1304301.5/29

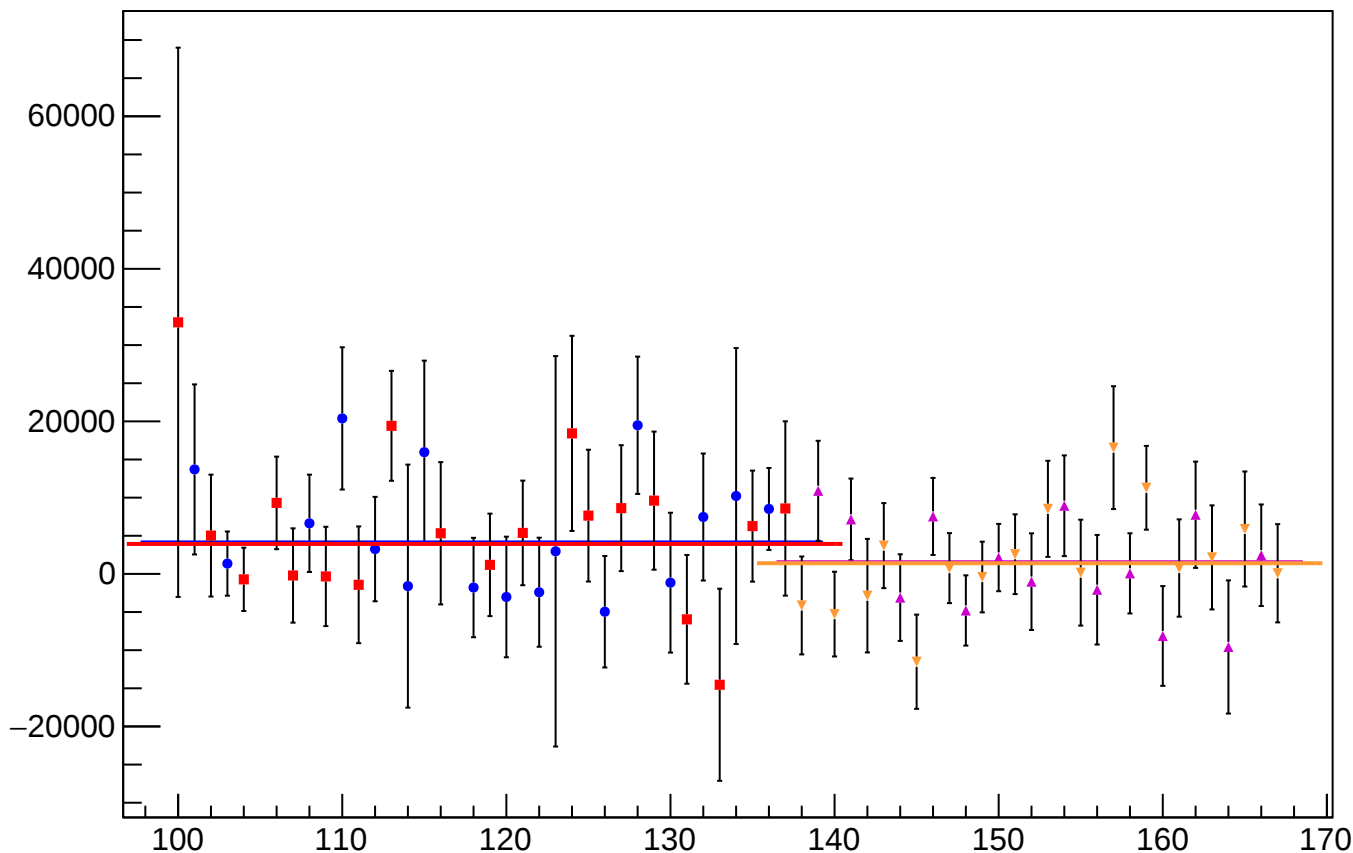
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 3966.632+/-0.686 χ^2/NDF : 4388296.3/34

All: 4182.341+/-0.512 χ^2/NDF : 6259371.5/65

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: 1401.404+/-1497.536 χ^2/NDF : 15.8/15

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

Left In: 1530.341+/-1561.862 χ^2/NDF : 13.5/13

Left: 1463.163+/-1080.943 χ^2/NDF : 29.3/29

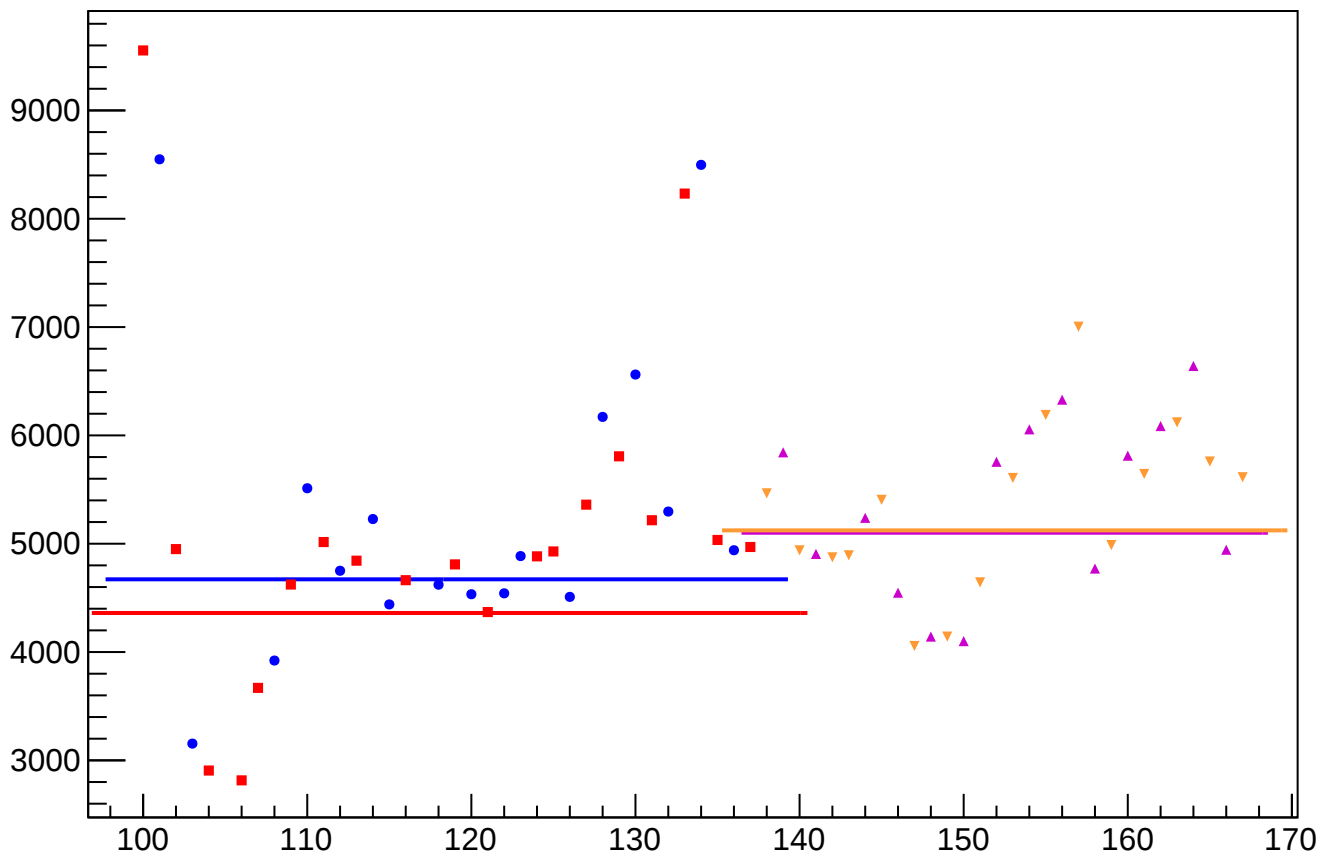
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 2601.912+/-1196.909 χ^2/NDF : 28.3/30

Out: 2489.186+/-1130.989 χ^2/NDF : 31.9/34

All: 2542.359+/-822.047 χ^2/NDF : 60.2/65

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5123.138+/-1.059 χ^2/NDF : 483262.4/15

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

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

Left: 5112.766+/-0.764 χ^2/NDF : 982965.9/29

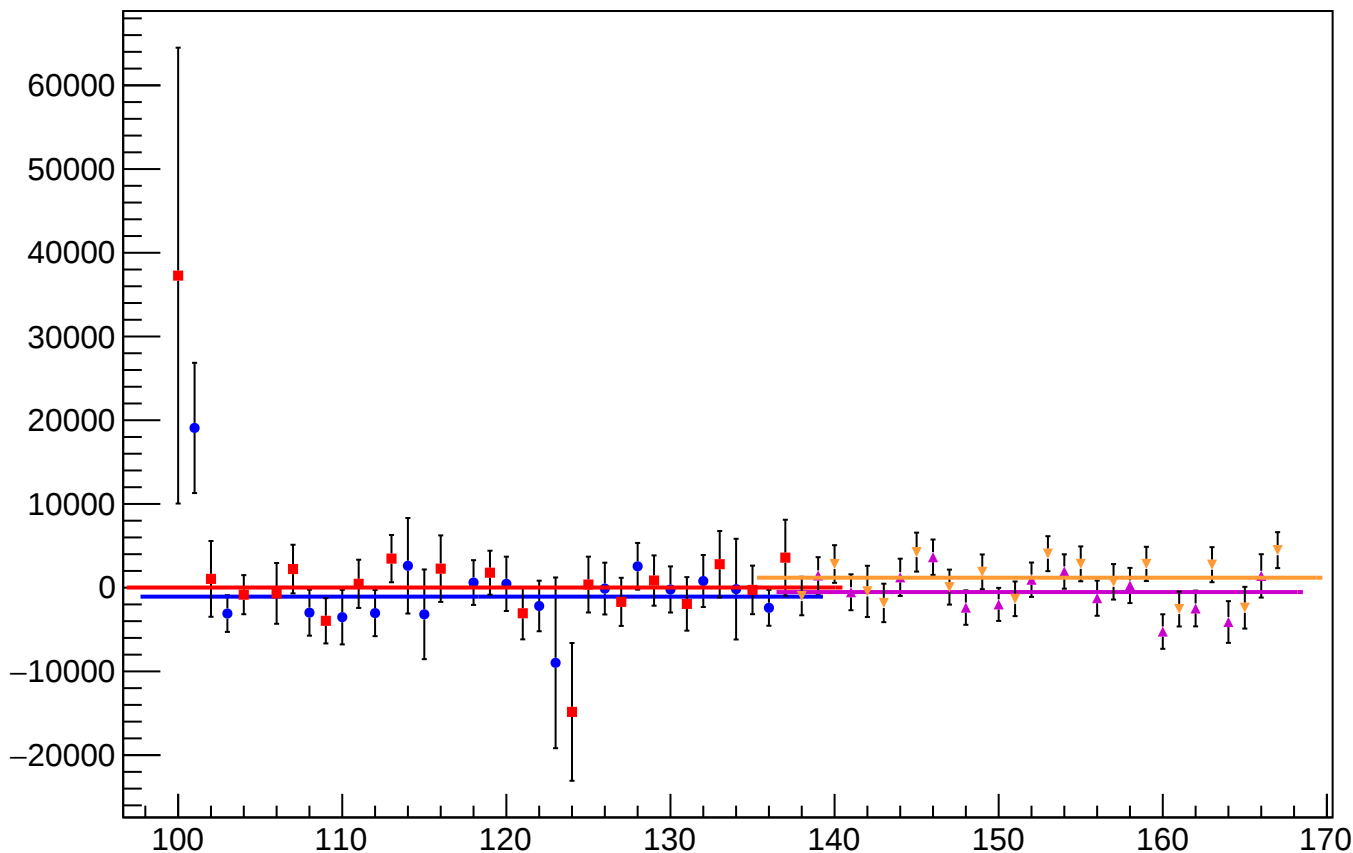
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4793.338+/-0.798 χ^2/NDF : 1541684.2/34

All: 4854.782+/-0.581 χ^2/NDF : 2902525.0/65

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 1191.838 $\pm$ 548.851 χ^2 /NDF:18.5/15

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: -523.994 $\pm$ 573.568 χ^2 /NDF:17.6/13

Left: 371.688 $\pm$ 396.546 χ^2 /NDF: 40.7/29

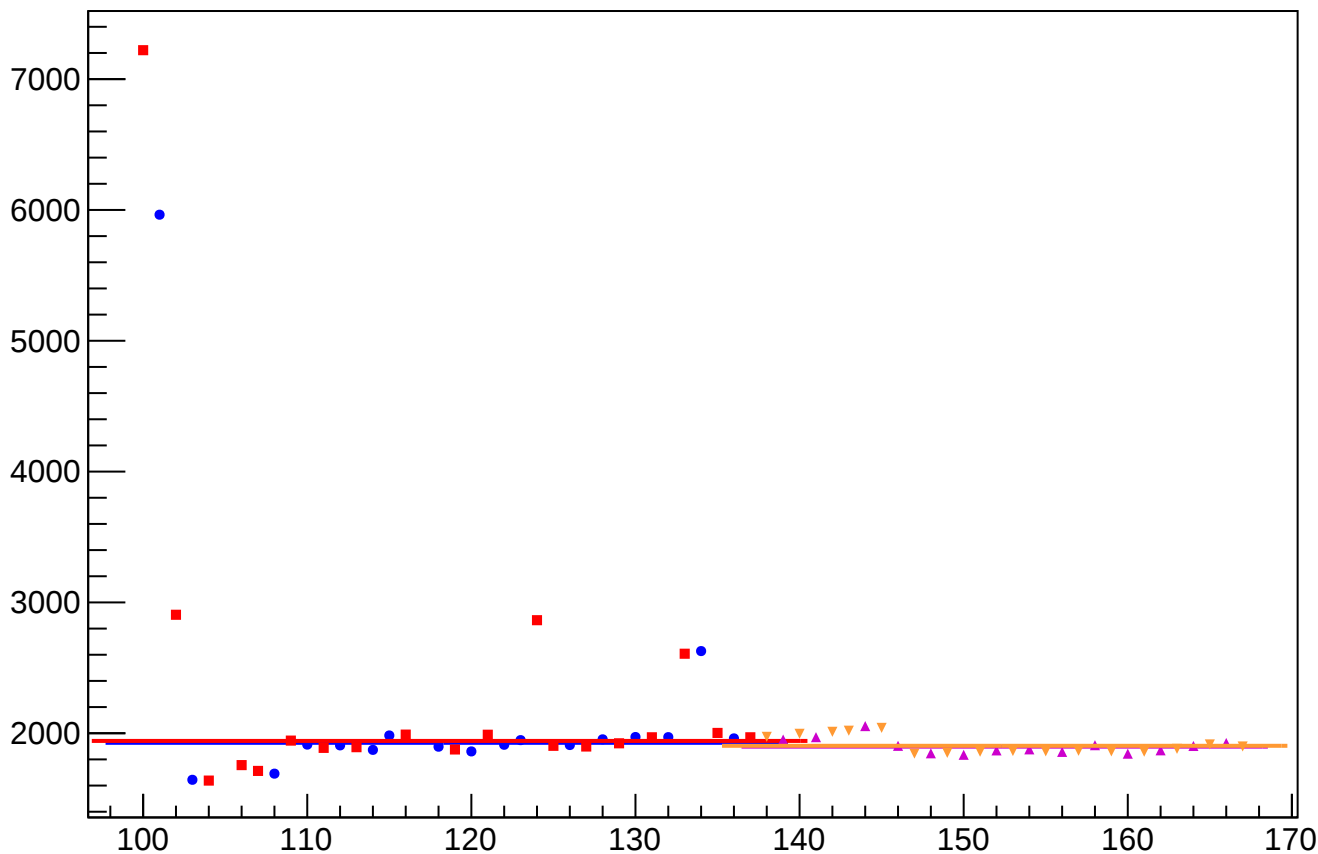
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -721.598 $\pm$ 458.467 χ^2 /NDF:31.6/30

Out: 781.317 $\pm$ 442.467 χ^2 /NDF:33.3/34

All: 56.542 $\pm$ 318.378 χ^2 /NDF: 70.6/65

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1904.013+/-0.388 χ^2/NDF : 27778.5/15

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

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

Left: 1900.966+/-0.280 χ^2/NDF : 47953.0/29

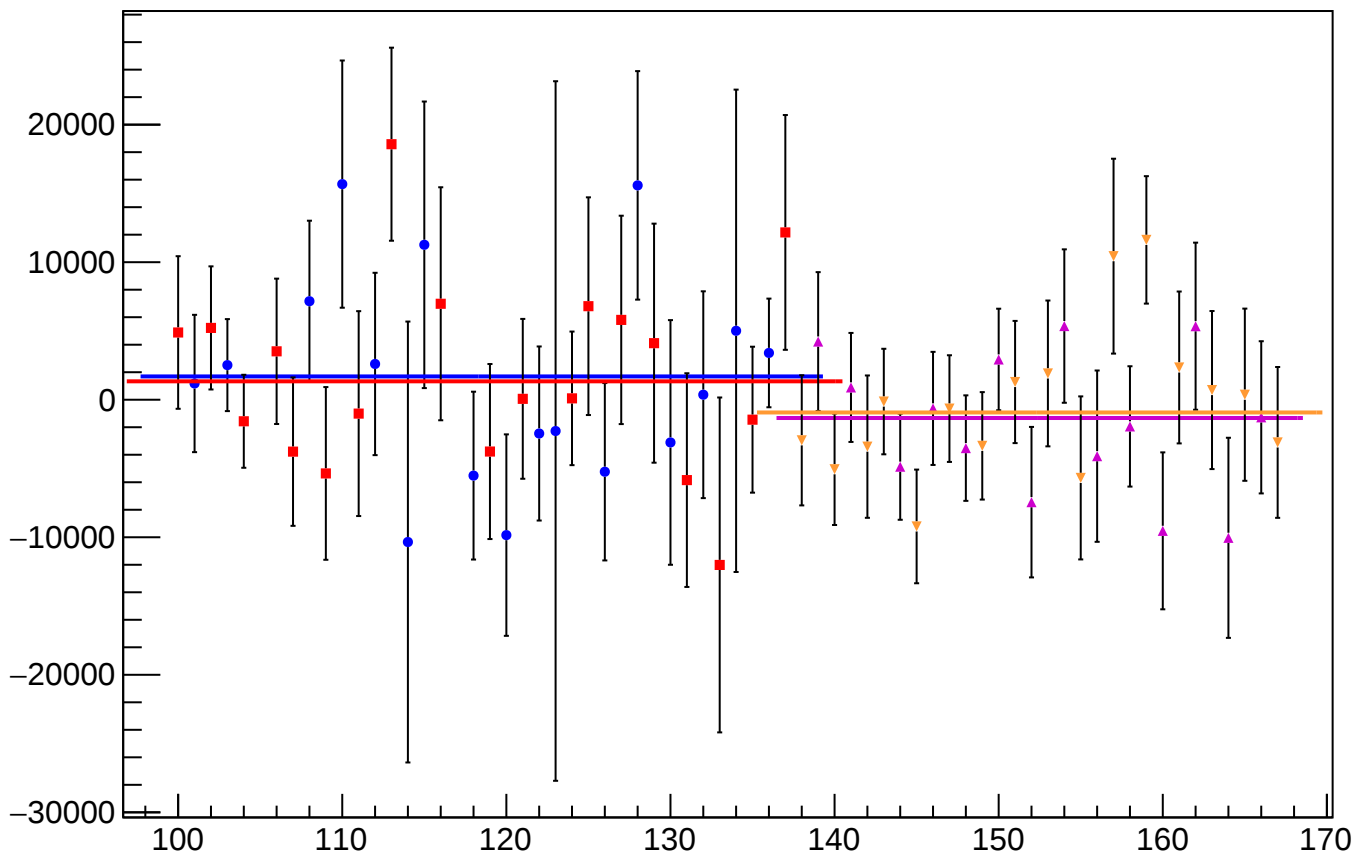
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

Out: 1917.066+/-0.313 χ^2/NDF : 335373.7/34

All: 1912.792+/-0.225 χ^2/NDF : 974801.3/65

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -926.321 $\pm$ 1191.431 χ^2/NDF : 17.6/15

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

Left In: -1329.221 $\pm$ 1266.382 χ^2/NDF : 11.7/13

Left: -1115.496 $\pm$ 867.756 χ^2/NDF : 29.3/29

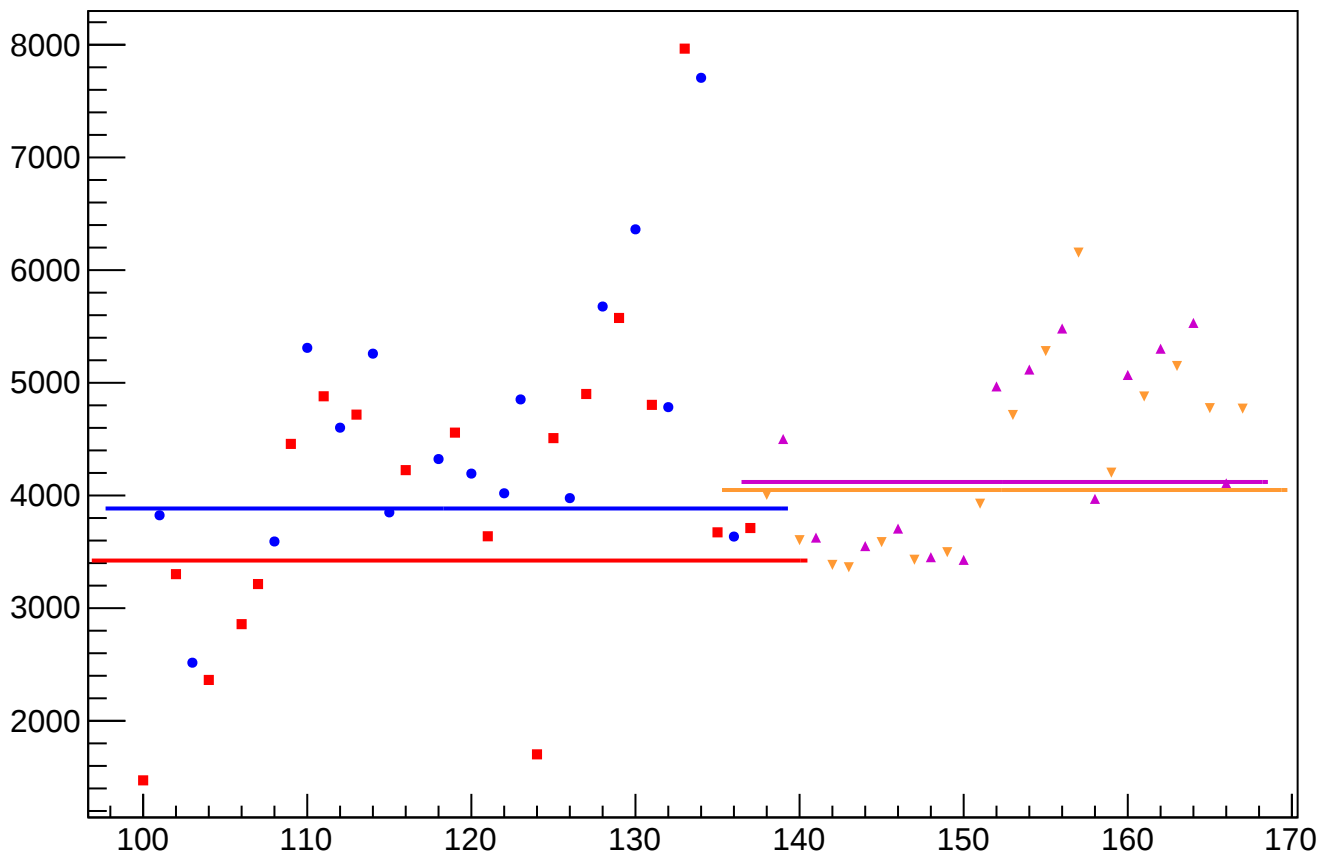
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: -120.832 $\pm$ 981.175 χ^2/NDF : 27.6/30

Out: 49.627 $\pm$ 898.738 χ^2/NDF : 35.5/34

All: -28.142 $\pm$ 662.734 χ^2/NDF : 63.1/65

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4048.662 $\pm$ 0.842 χ^2/NDF : 715861.8/15

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

Left In: 4119.880 $\pm$ 0.895 χ^2/NDF : 653434.4/13

Left: 4082.101 $\pm$ 0.614 χ^2/NDF : 1372651.5/29

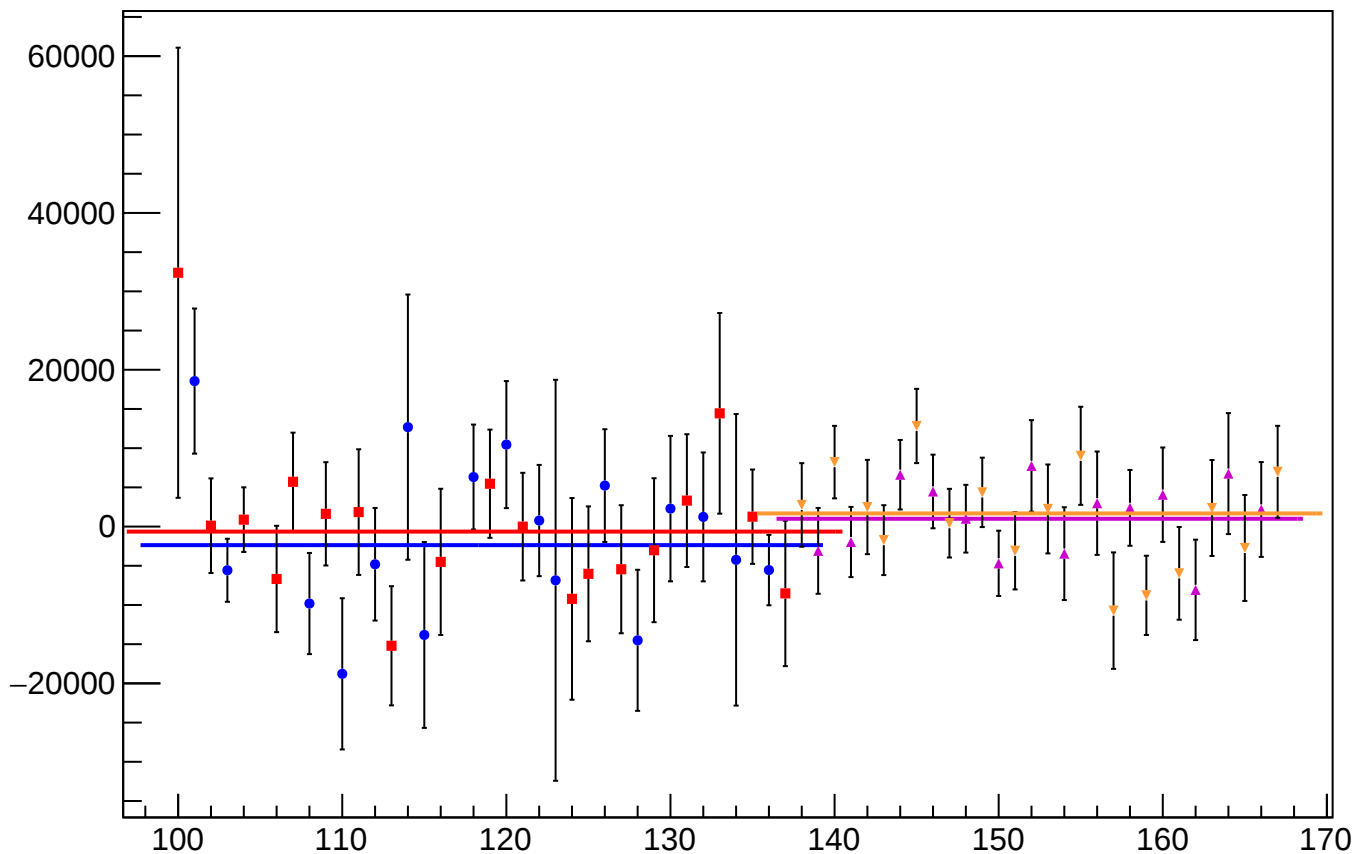
Right: 3624.795 $\pm$ 0.726 χ^2/NDF : 2516526.6/35

In: 4025.838 $\pm$ 0.694 χ^2/NDF : 1507591.4/30

Out: 3778.855 $\pm$ 0.636 χ^2/NDF : 2544140.3/34

All: 3891.537 $\pm$ 0.469 χ^2/NDF : 4120642.3/65

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1673.483 $\pm$ 1325.335 χ^2 /NDF:21.0/15

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

Left In: 996.238 $\pm$ 1399.557 χ^2 /NDF:10.0/13

Left: 1353.294 $\pm$ 962.323 χ^2 /NDF: 31.0/29

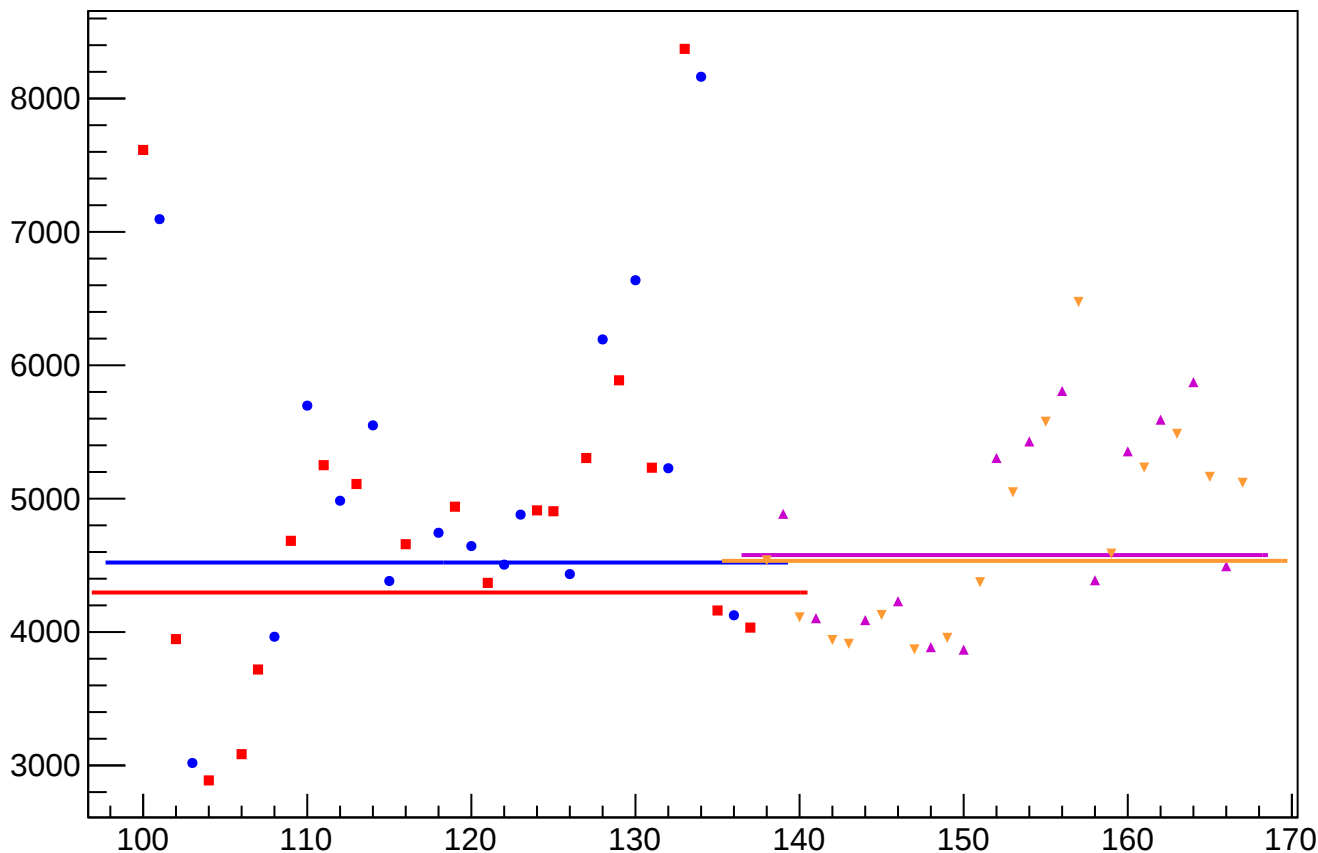
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -269.439 $\pm$ 1105.324 χ^2 /NDF:32.3/30

Out: 792.252 $\pm$ 1042.930 χ^2 /NDF:33.9/34

All: 292.216 $\pm$ 758.562 χ^2 /NDF: 66.7/65

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4533.736+/-0.937 χ^2/NDF : 494721.5/15

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

Left In: 4577.049+/-0.990 χ^2/NDF : 458635.3/13

Left: 4554.214+/-0.680 χ^2/NDF : 954366.8/29

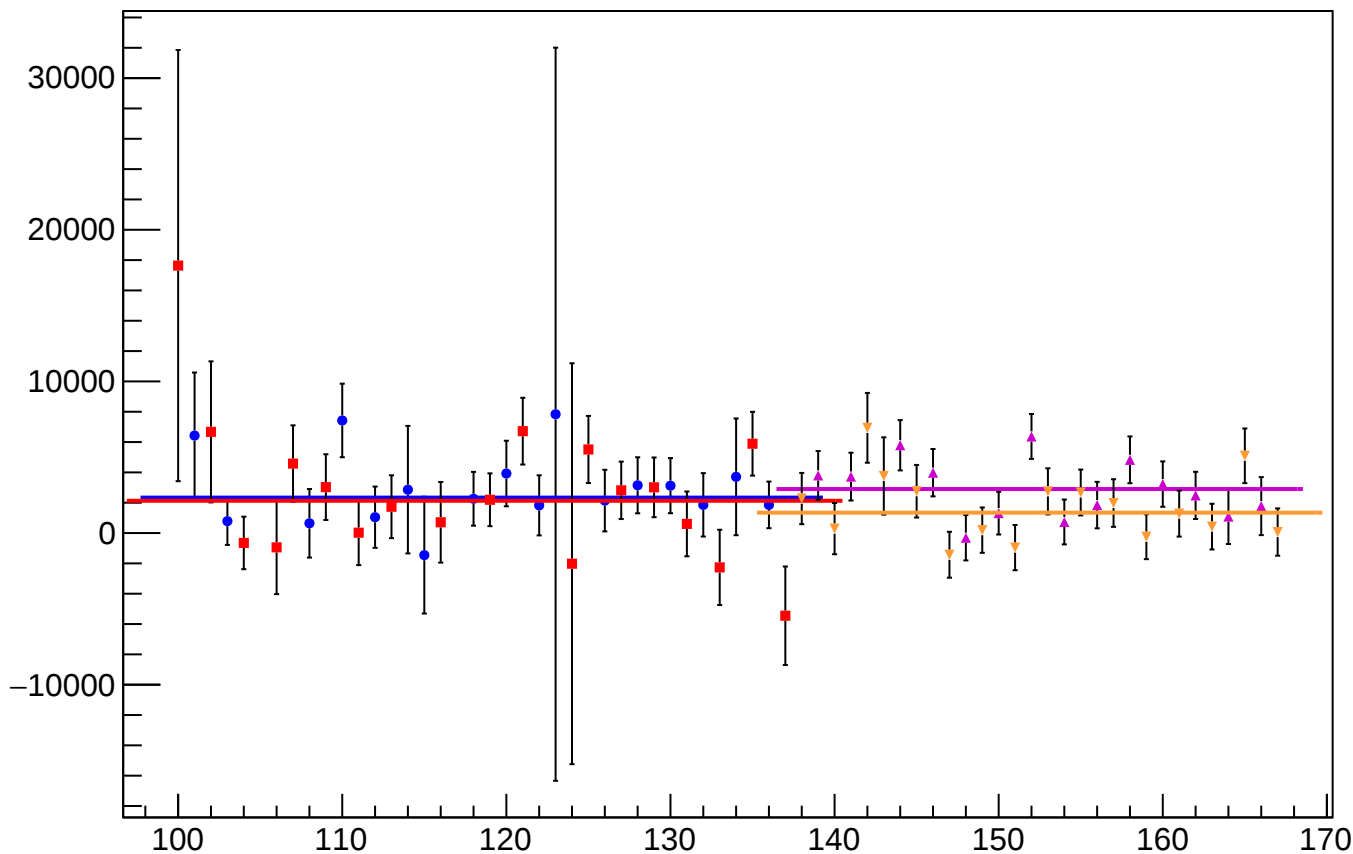
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4556.046+/-0.782 χ^2/NDF : 1238507.4/30

Out: 4442.776+/-0.736 χ^2/NDF : 1292503.9/34

All: 4496.004+/-0.536 χ^2/NDF : 2542144.5/65

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1345.449 $\pm$ 407.005 χ^2 /NDF:22.8/15

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

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

Left: 2102.565 $\pm$ 291.741 χ^2 /NDF: 51.1/29

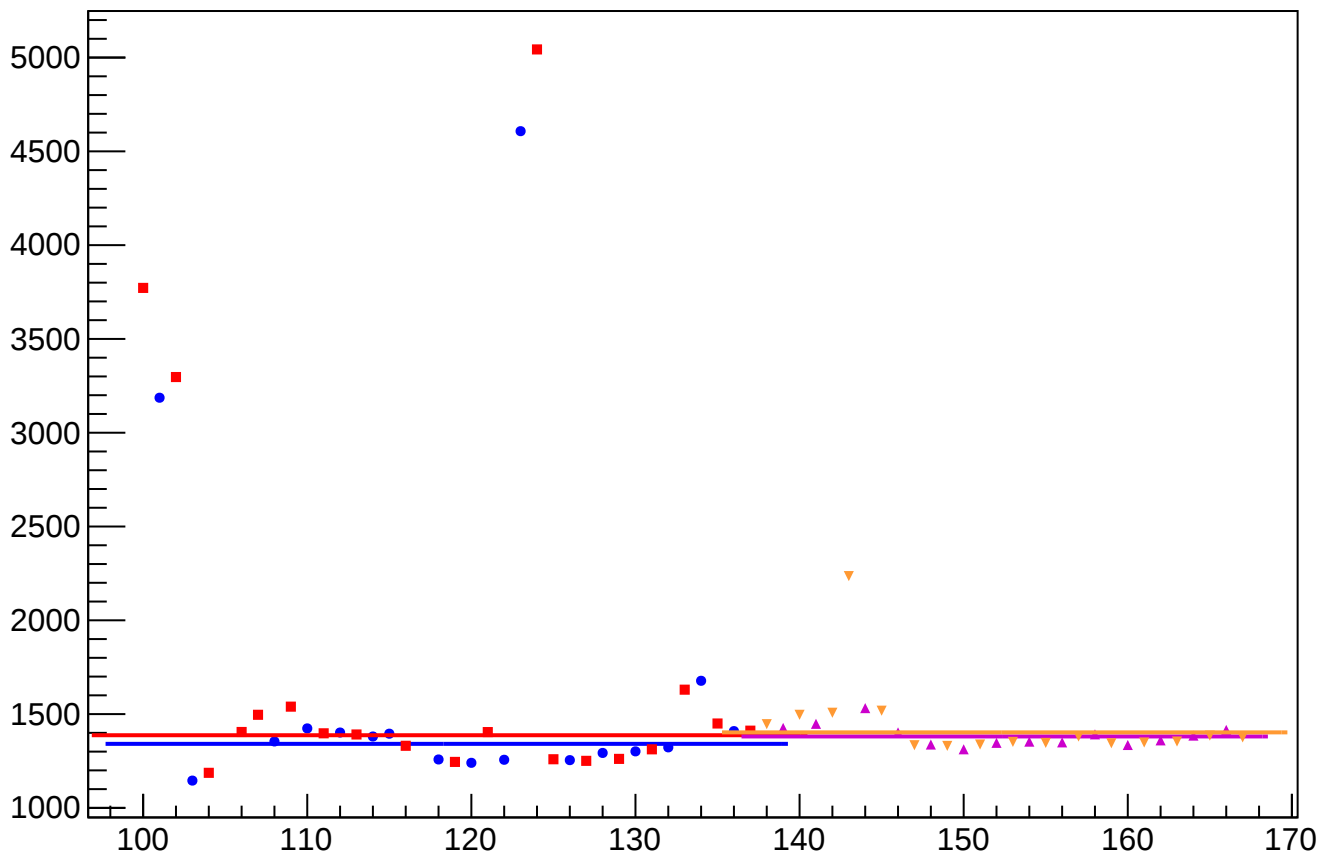
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1630.000 $\pm$ 324.854 χ^2 /NDF:51.7/34

All: 2151.859 $\pm$ 231.044 χ^2 /NDF: 88.4/65

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1402.575+/-0.288 χ^2/NDF : 260511.9/15

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

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

Left: 1392.017+/-0.206 χ^2/NDF : 297484.5/29

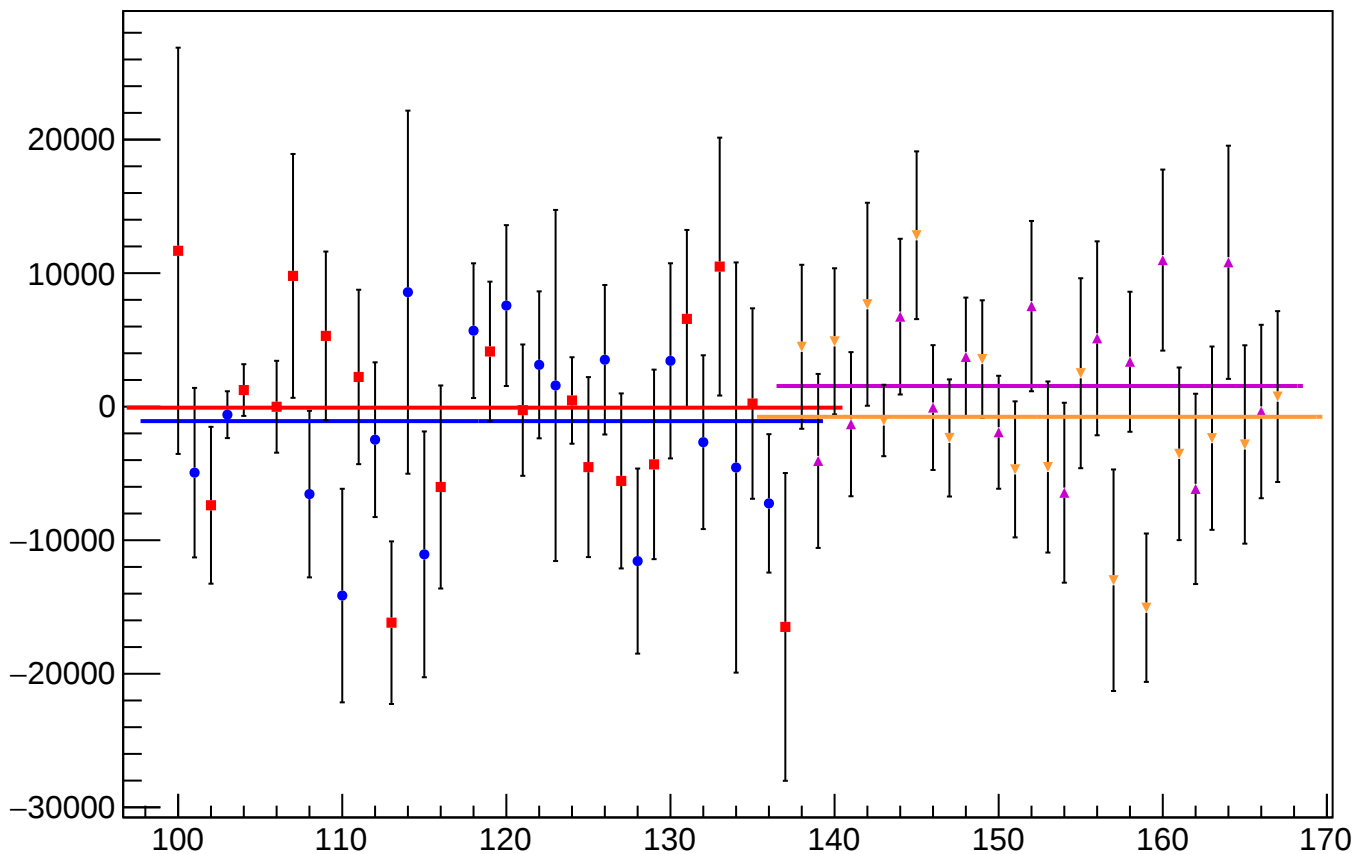
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1397.045+/-0.230 χ^2/NDF : 911721.8/34

All: 1381.578+/-0.163 χ^2/NDF : 1466199.2/65

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: -758.636+/-1332.454 χ^2/NDF : 19.1/15

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

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

Left: 226.427+/-1008.530 χ^2/NDF : 30.2/29

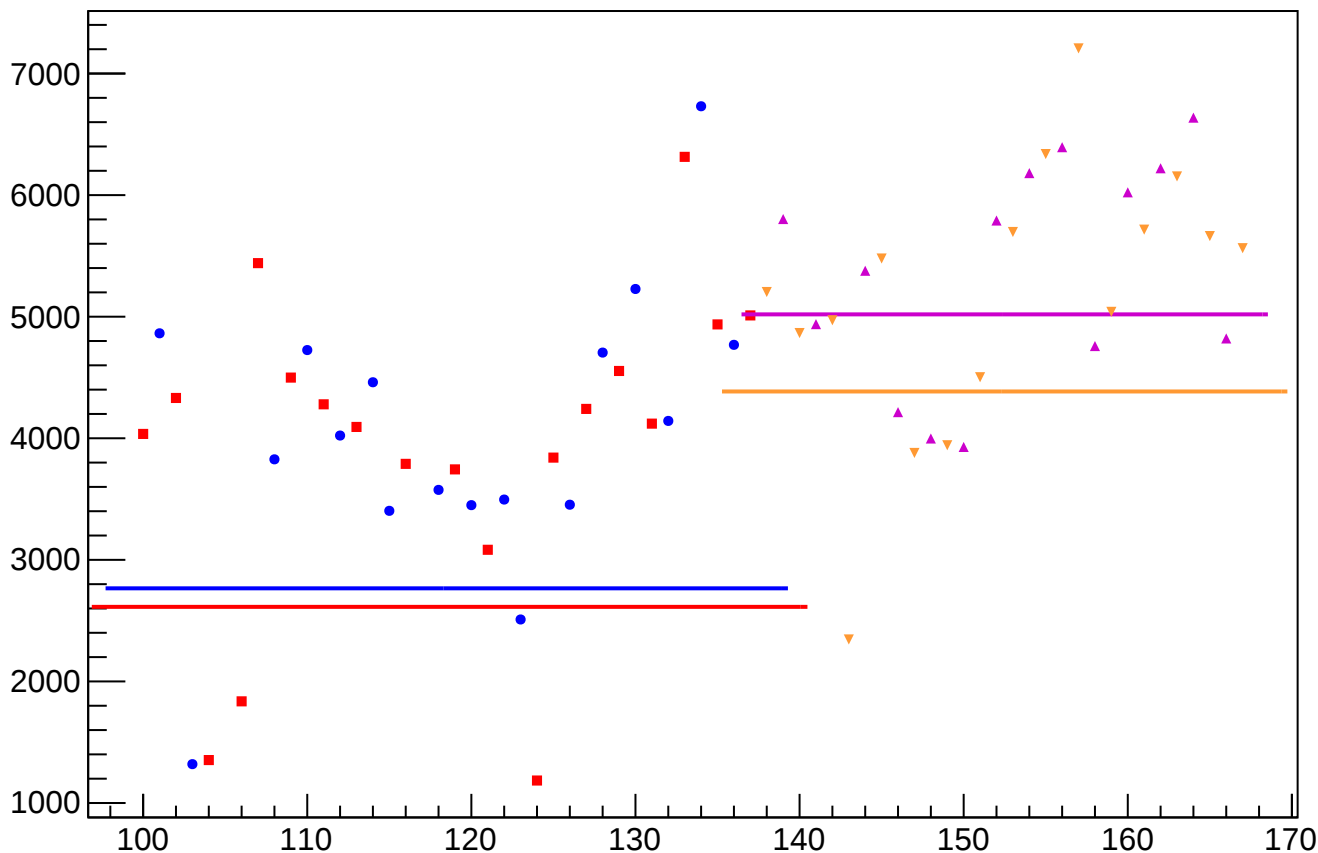
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

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

Out: -359.343+/-860.135 χ^2/NDF : 37.9/34

All: -232.988+/-638.629 χ^2/NDF : 64.5/65

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: 4384.932+/-0.942 χ^2/NDF : 2173154.9/15

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

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

Left: 4655.793+/-0.713 χ^2/NDF : 3038158.7/29

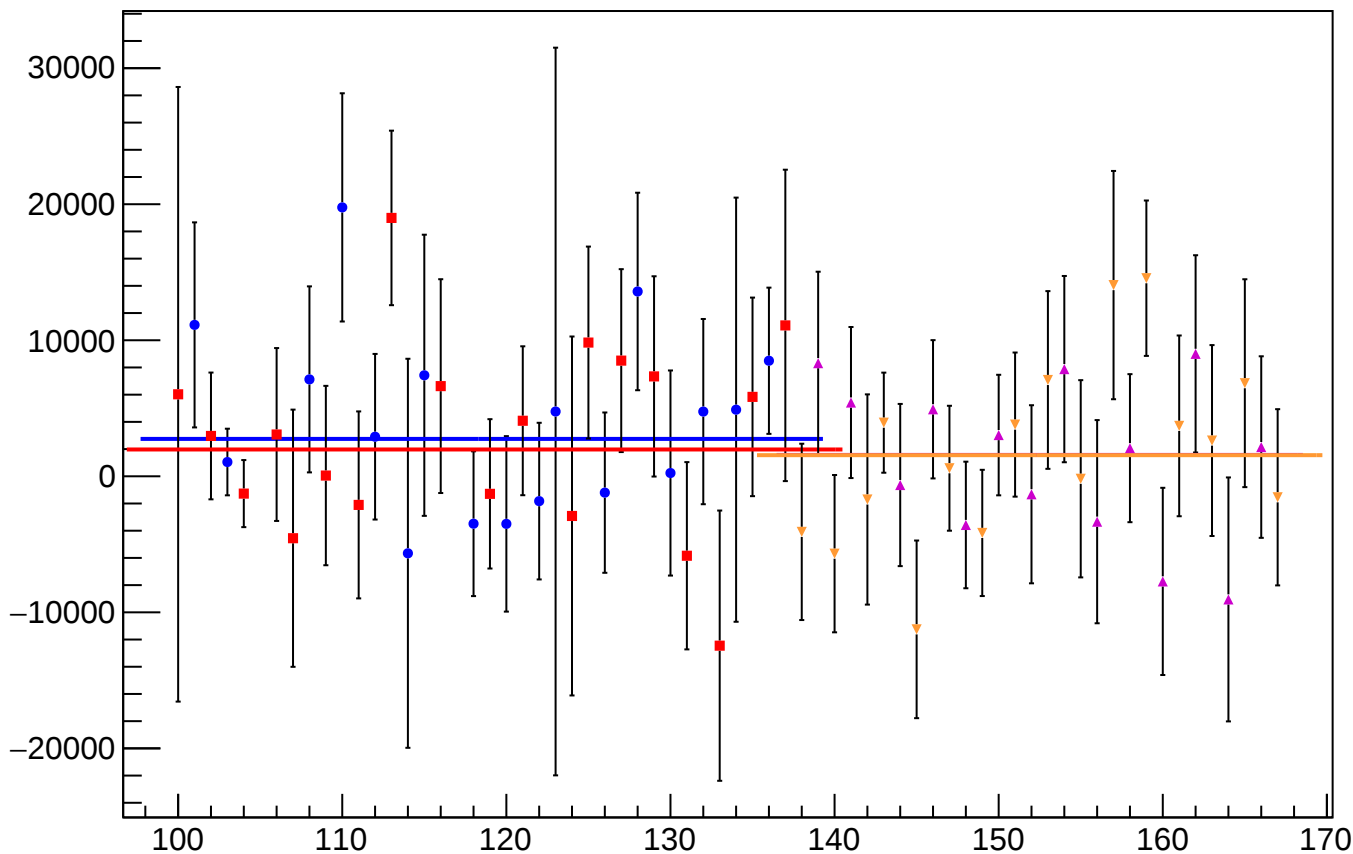
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

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

Out: 3351.588+/-0.608 χ^2/NDF : 7575256.1/34

All: 3474.611+/-0.452 χ^2/NDF : 13913876.5/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1552.827 $\pm$ 1460.829 χ^2 /NDF: 17.5/15

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

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

Left: 1560.988 $\pm$ 1079.210 χ^2 /NDF: 26.7/29

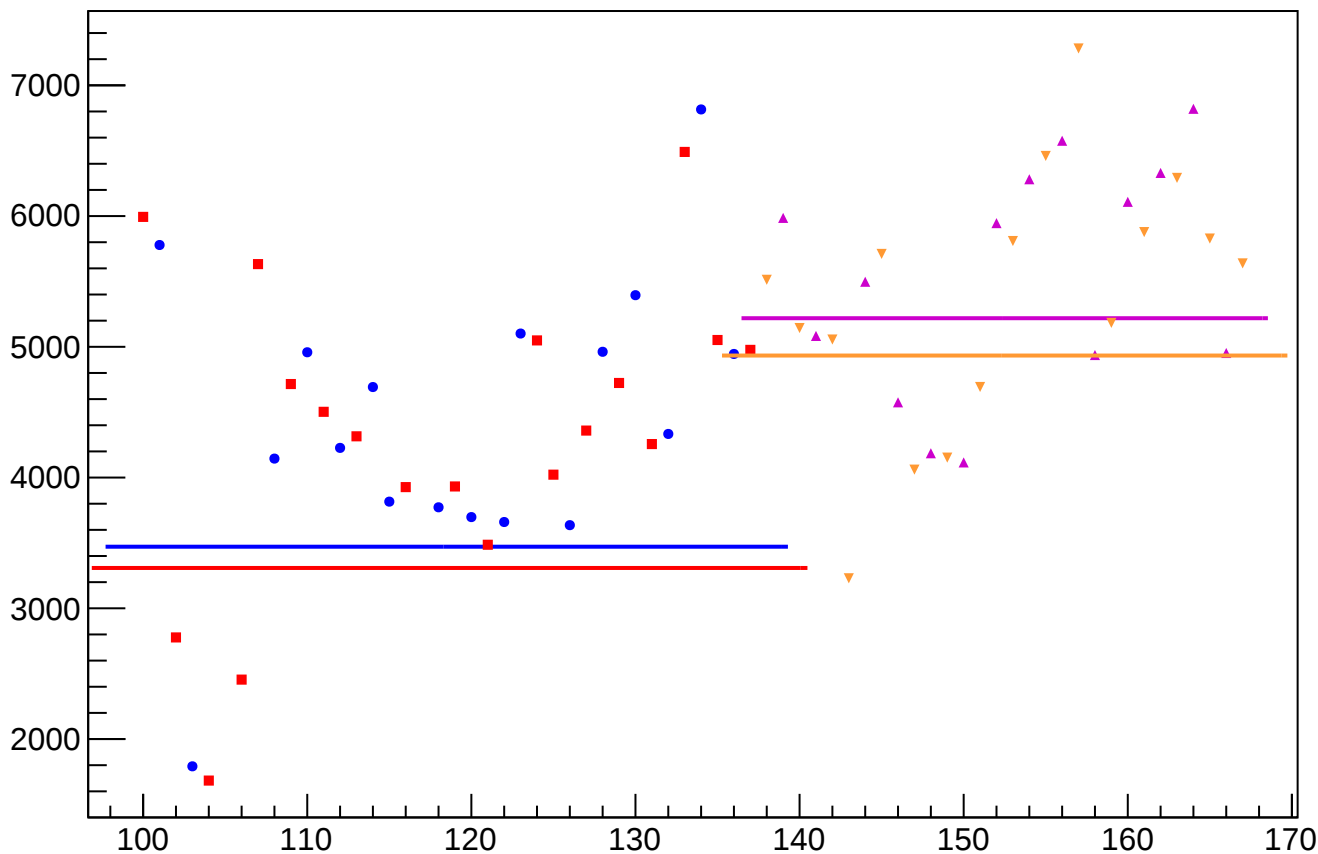
Right: 2341.887 $\pm$ 999.181 χ^2 /NDF: 31.7/35

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

Out: 1773.626 $\pm$ 1003.822 χ^2 /NDF: 35.4/34

All: 1981.461 $\pm$ 733.190 χ^2 /NDF: 58.7/65

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: 4933.295+/-1.033 χ^2/NDF : 1061107.9/15

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

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

Left: 5062.959+/-0.763 χ^2/NDF : 1673813.0/29

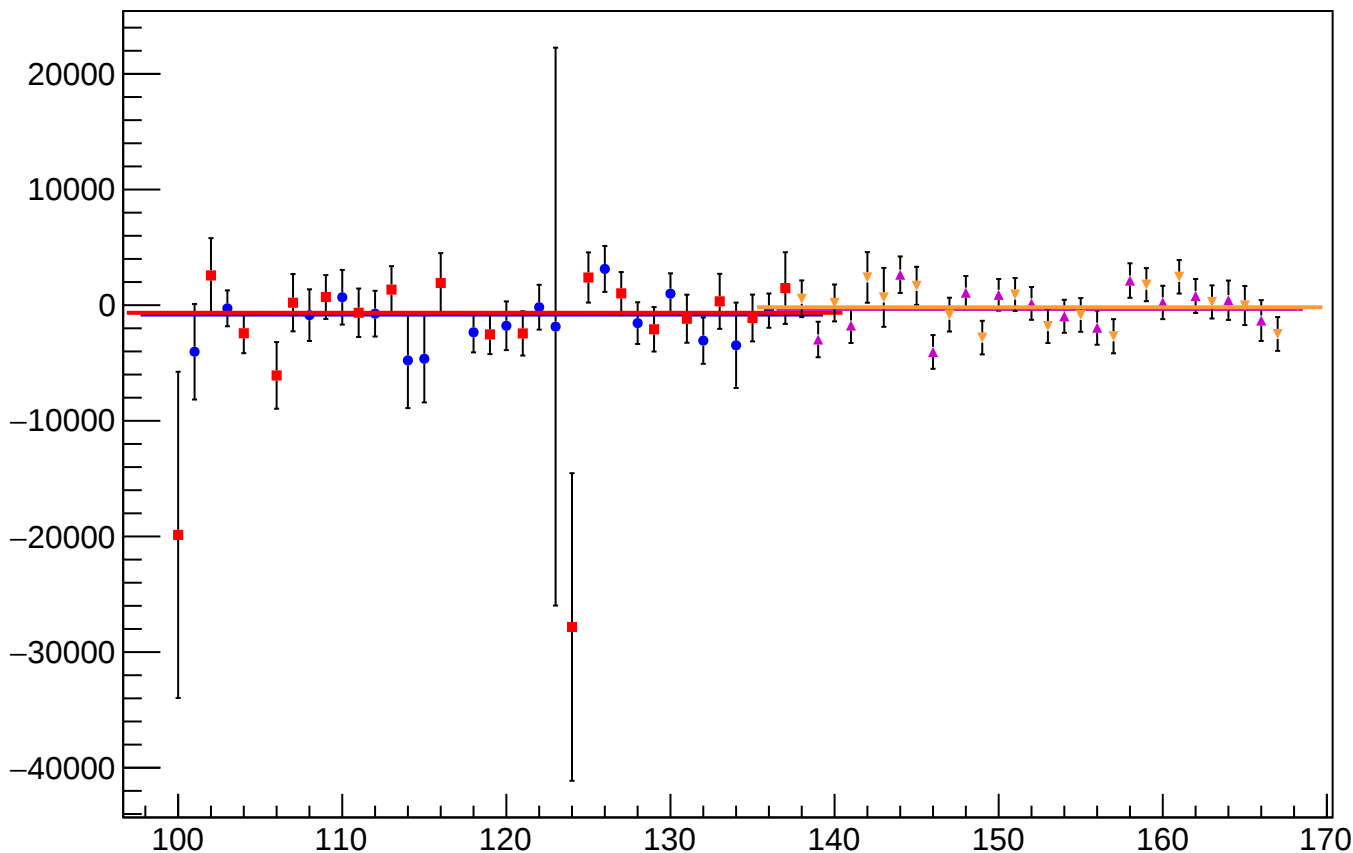
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 4068.306+/-0.706 χ^2/NDF : 4292611.6/34

All: 4155.642+/-0.517 χ^2/NDF : 7983142.8/65

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: -182.532+/-388.555 χ^2/NDF :19.2/15

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

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

Left: -249.432+/-278.615 χ^2/NDF : 40.4/29

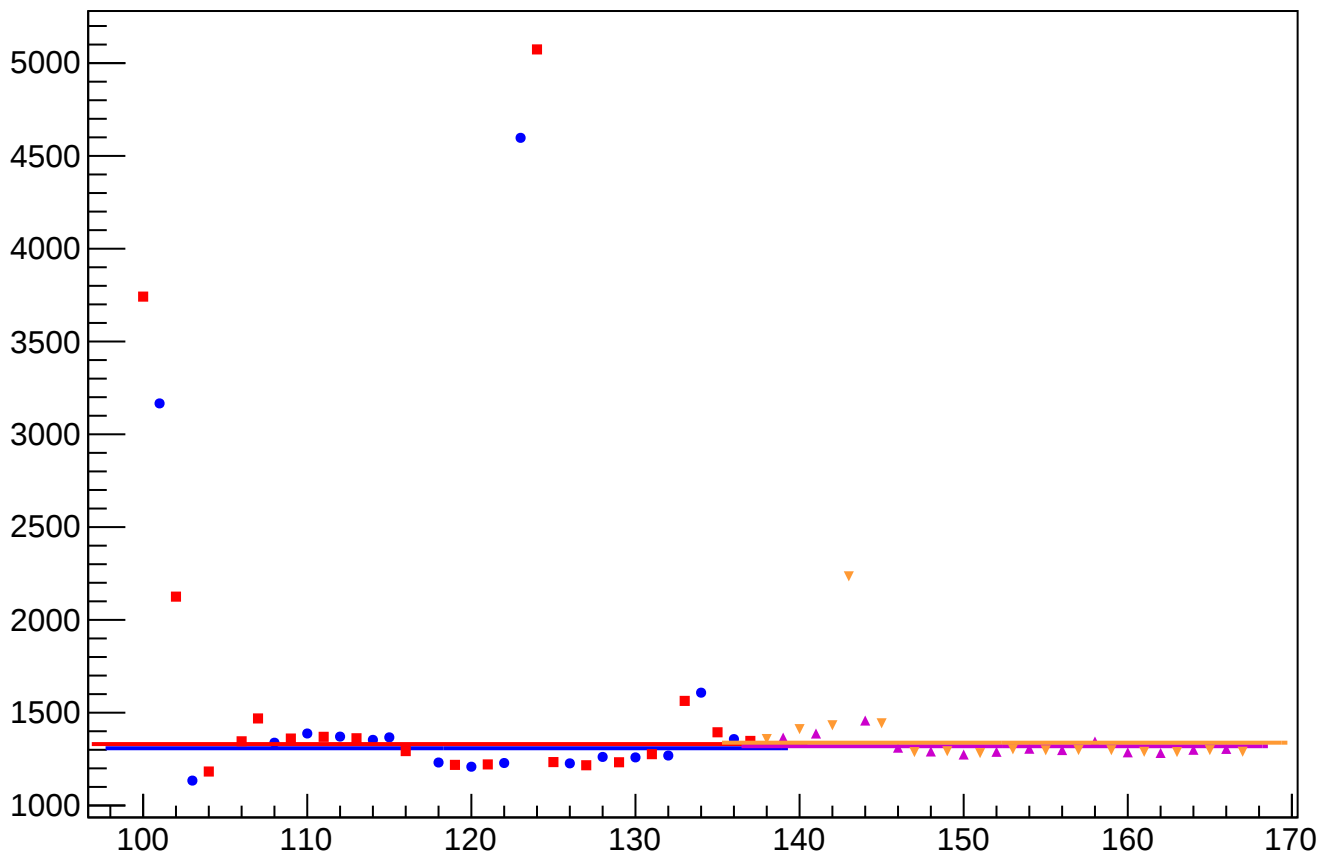
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -354.546+/-310.087 χ^2/NDF :40.2/34

All: -427.046+/-221.497 χ^2/NDF : 73.1/65

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1338.369+/-0.275 χ^2/NDF : 285335.6/15

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

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

Left: 1329.184+/-0.197 χ^2/NDF : 316591.0/29

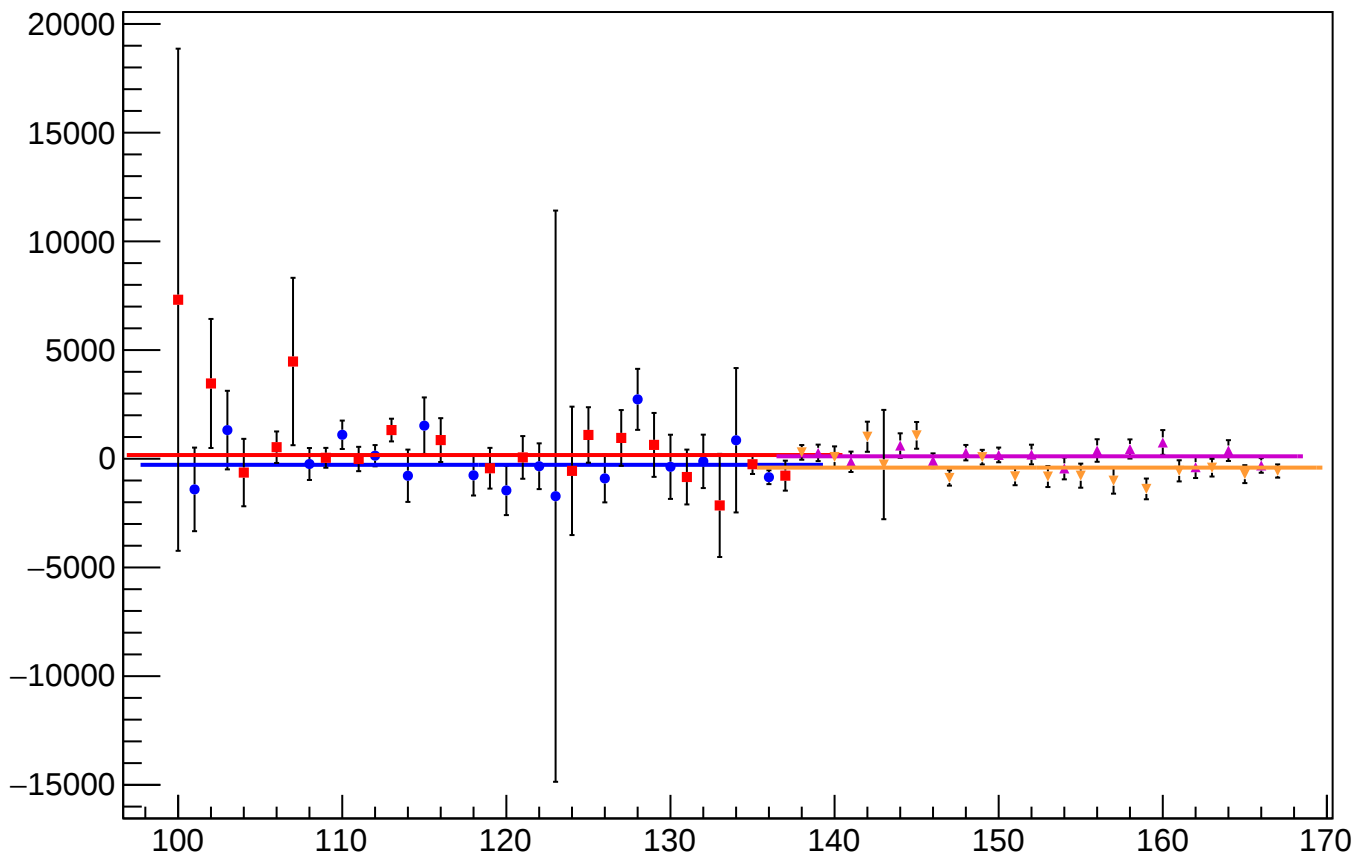
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1335.643+/-0.219 χ^2/NDF : 701452.5/34

All: 1325.691+/-0.157 χ^2/NDF : 1241733.2/65

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -407.066 $\pm$ 110.193 χ^2 /NDF:27.4/15

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

Left In: 113.105 $\pm$ 113.266 χ^2 /NDF:8.1/13

Left: -154.133 $\pm$ 78.982 χ^2 /NDF: 46.3/29

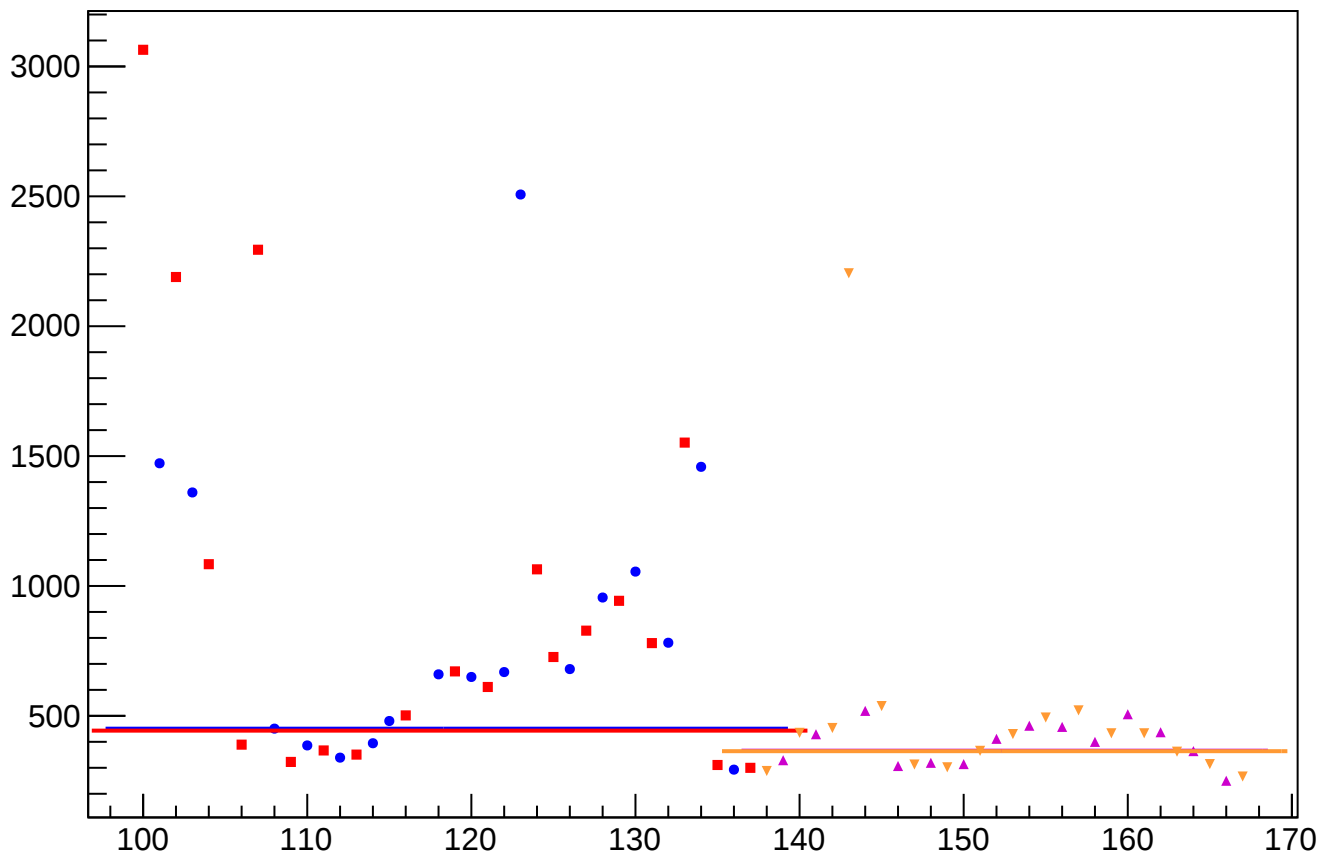
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 16.590 $\pm$ 98.331 χ^2 /NDF:29.1/30

Out: -264.207 $\pm$ 95.628 χ^2 /NDF:49.0/34

All: -127.721 $\pm$ 68.555 χ^2 /NDF: 82.2/65

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: 363.981 $\pm$ 0.078 χ^2 /NDF: 2118566.1/15

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

Left In: 365.869 $\pm$ 0.080 χ^2 /NDF: 909775.5/13

Left: 364.899 $\pm$ 0.056 χ^2 /NDF: 3028627.2/29

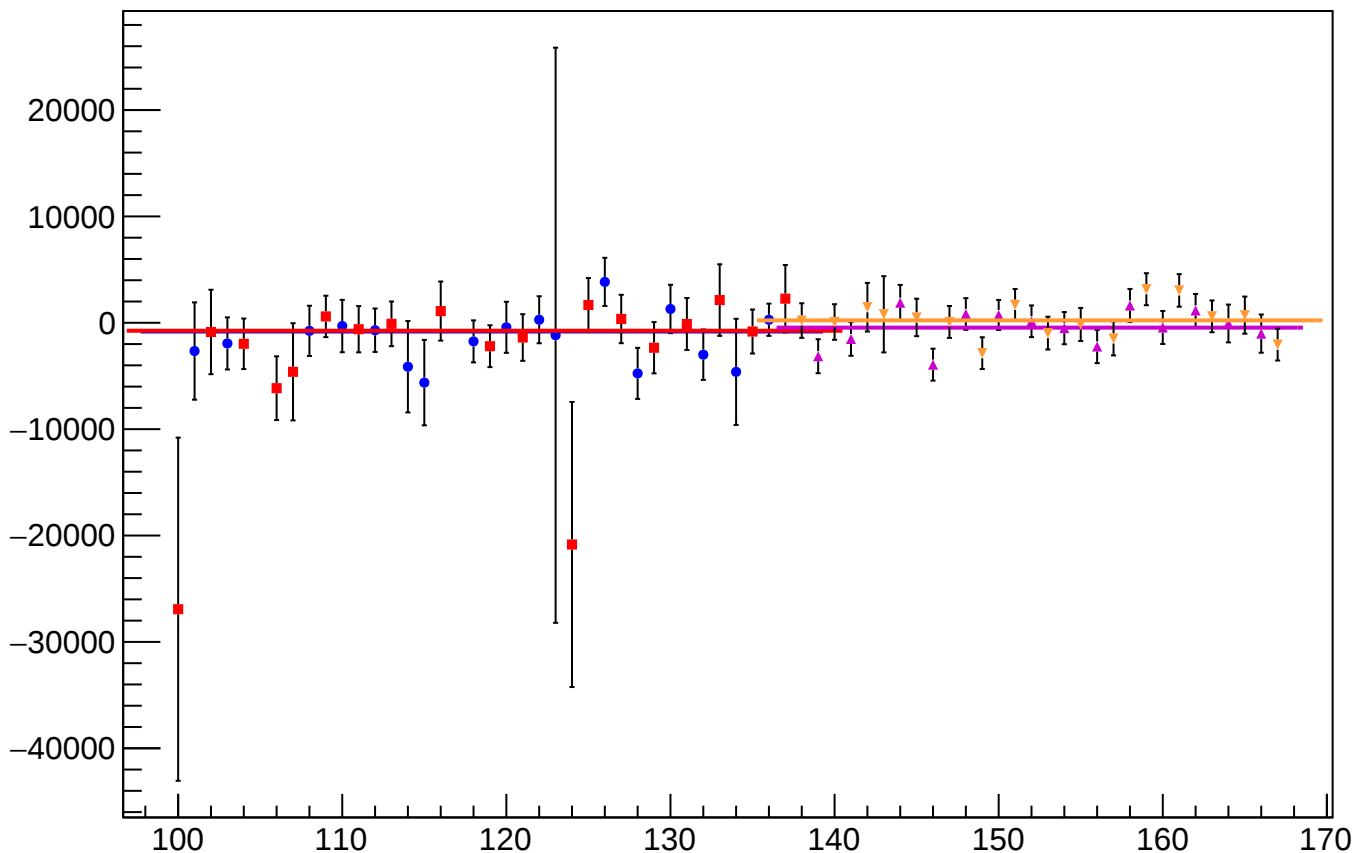
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 386.739 $\pm$ 0.070 χ^2 /NDF: 4183176.6/30

Out: 383.513 $\pm$ 0.068 χ^2 /NDF: 5844462.0/34

All: 385.081 $\pm$ 0.048 χ^2 /NDF: 10028745.4/65

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110 $\pm$ 601.150 χ^2 /NDF: 12.7/16

Left Out: 227.334 $\pm$ 408.576 χ^2 /NDF:17.0/15

Right Out: -746.365 $\pm$ 595.659 χ^2 /NDF: 14.1/18

Left In: -454.984 $\pm$ 418.226 χ^2 /NDF:16.5/13

Left: -105.862 $\pm$ 292.259 χ^2 /NDF: 34.9/29

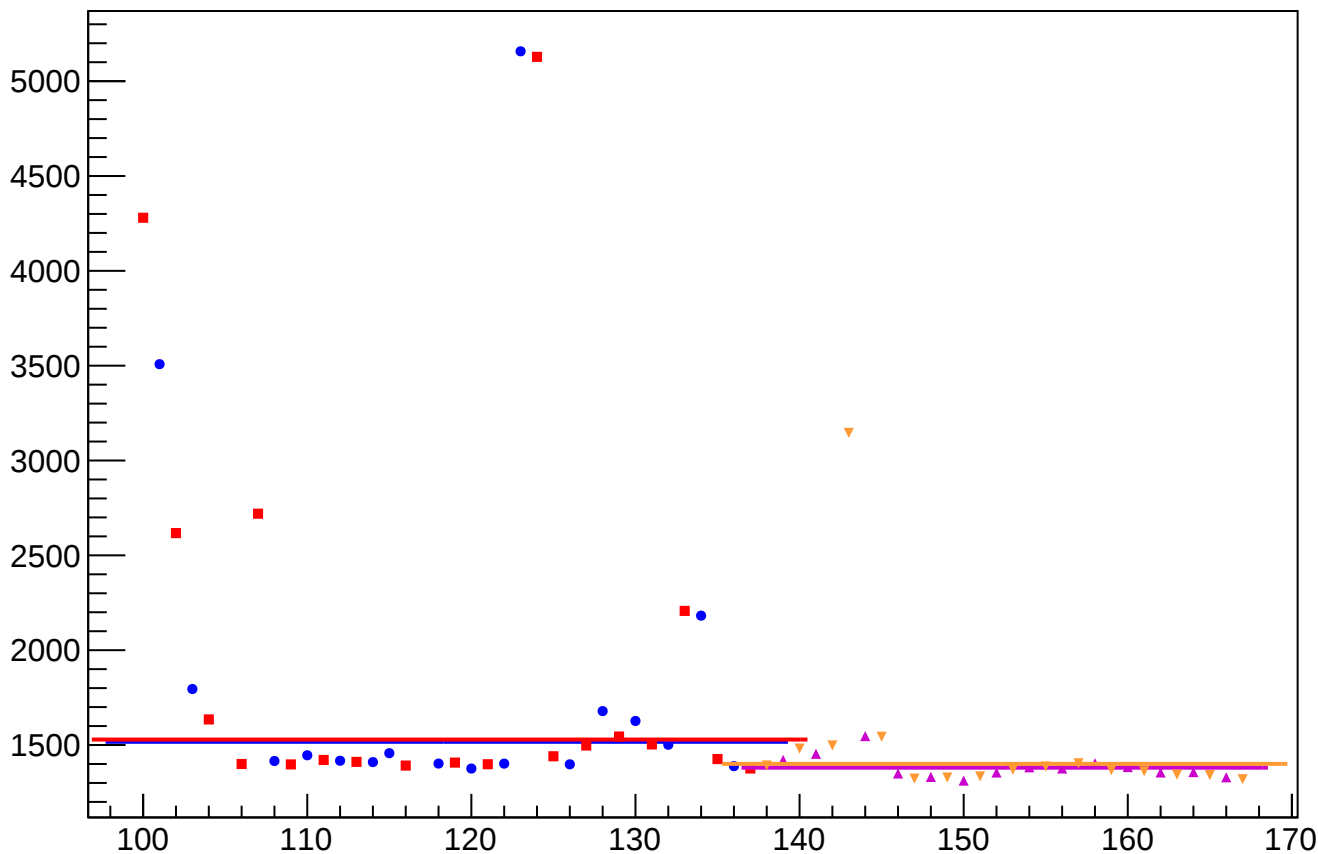
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -573.092 $\pm$ 343.315 χ^2 /NDF:29.5/30

Out: -84.205 $\pm$ 336.932 χ^2 /NDF:32.9/34

All: -324.061 $\pm$ 240.472 χ^2 /NDF: 63.4/65

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: 1400.535+/-0.289 χ^2/NDF : 523990.2/15

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

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

Left: 1390.746+/-0.207 χ^2/NDF : 562851.5/29

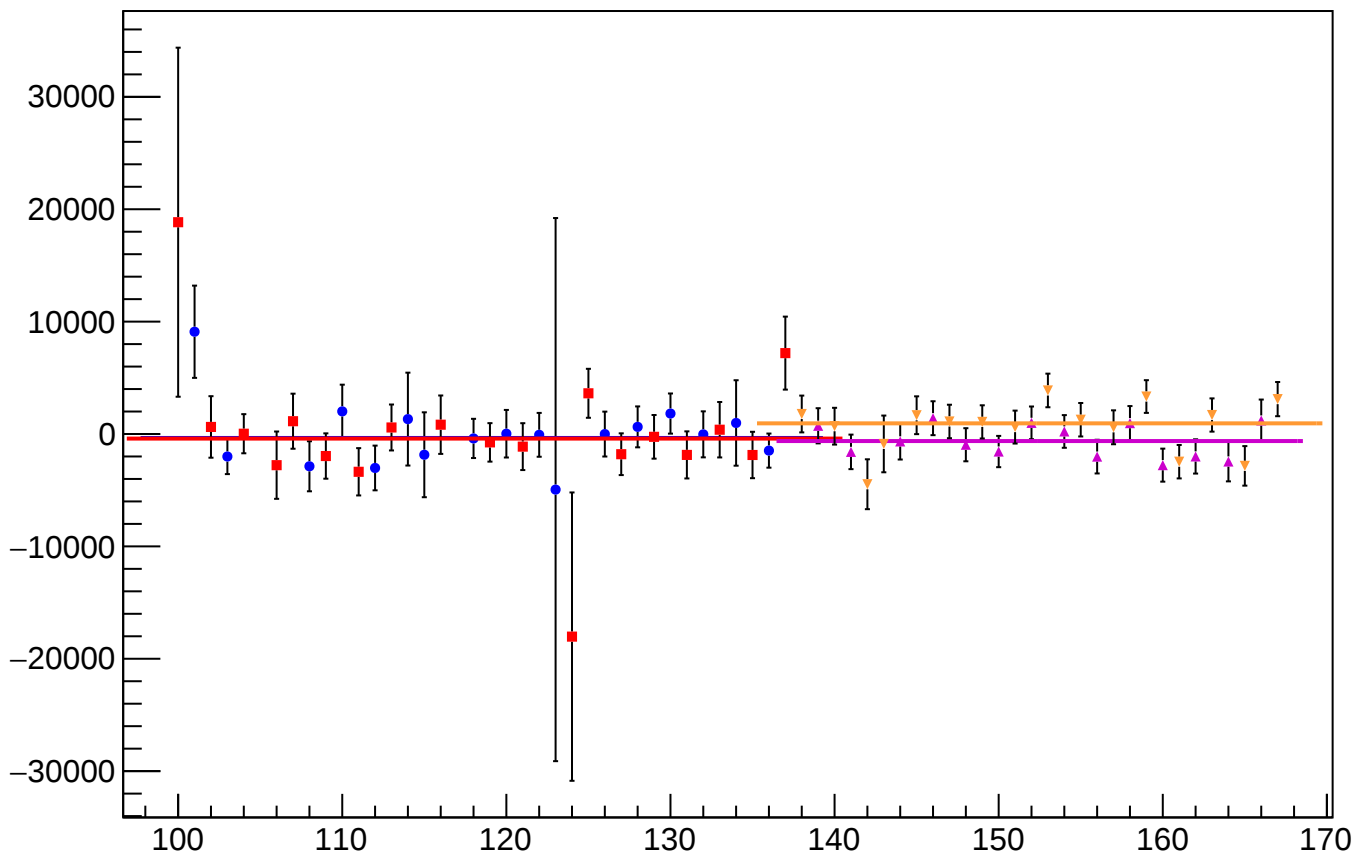
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

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

Out: 1441.592+/-0.238 χ^2/NDF : 1217292.5/34

All: 1433.447+/-0.170 χ^2/NDF : 1866655.3/65

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: 947.625 ± 398.119 χ^2/NDF : 25.8/15

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

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

Left: 182.583 ± 285.510 χ^2/NDF : 45.4/29

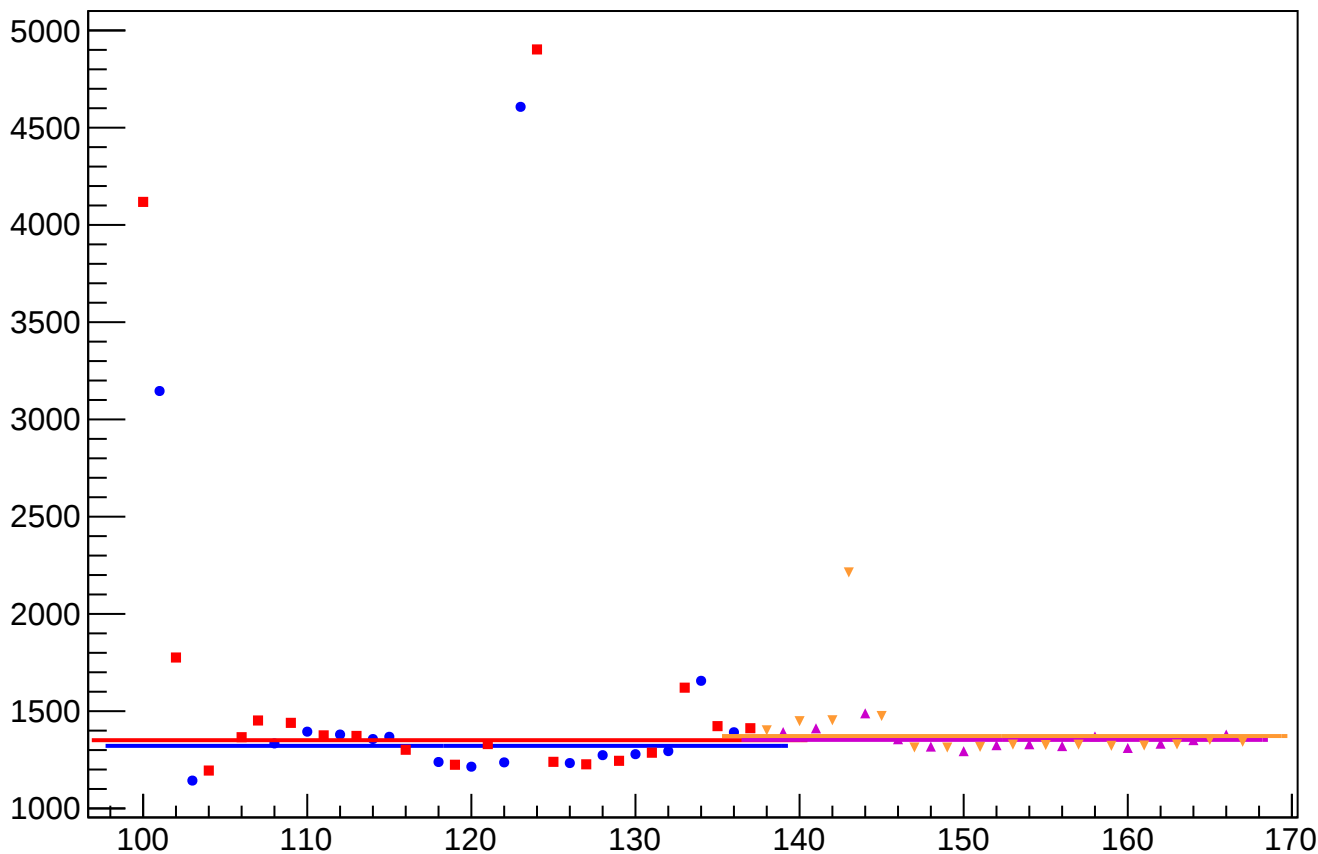
Right: -380.326 ± 369.594 χ^2/NDF : 31.8/35

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

Out: 449.359 ± 316.569 χ^2/NDF : 48.4/34

All: -27.792 ± 225.945 χ^2/NDF : 78.6/65

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: 1372.140 $\pm$ 0.282 χ^2 /NDF: 259276.0/15

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

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

Left: 1362.568 $\pm$ 0.202 χ^2 /NDF: 289595.5/29

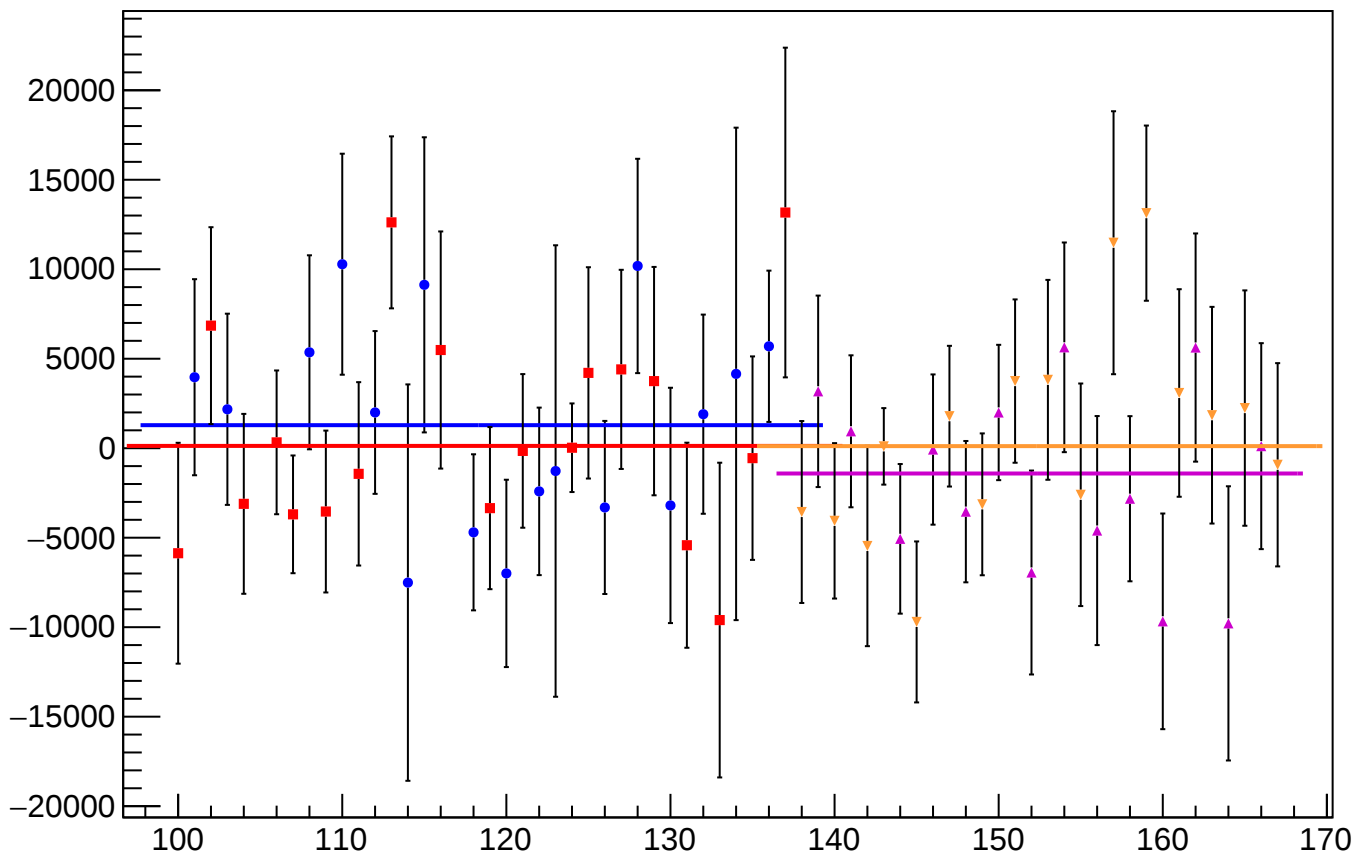
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

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

Out: 1364.278 $\pm$ 0.224 χ^2 /NDF: 611279.8/34

All: 1352.740 $\pm$ 0.160 χ^2 /NDF: 1151158.2/65

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: 116.636+/-1119.649 χ^2/NDF :19.3/15

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

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

Left: -520.269+/-855.310 χ^2/NDF : 30.2/29

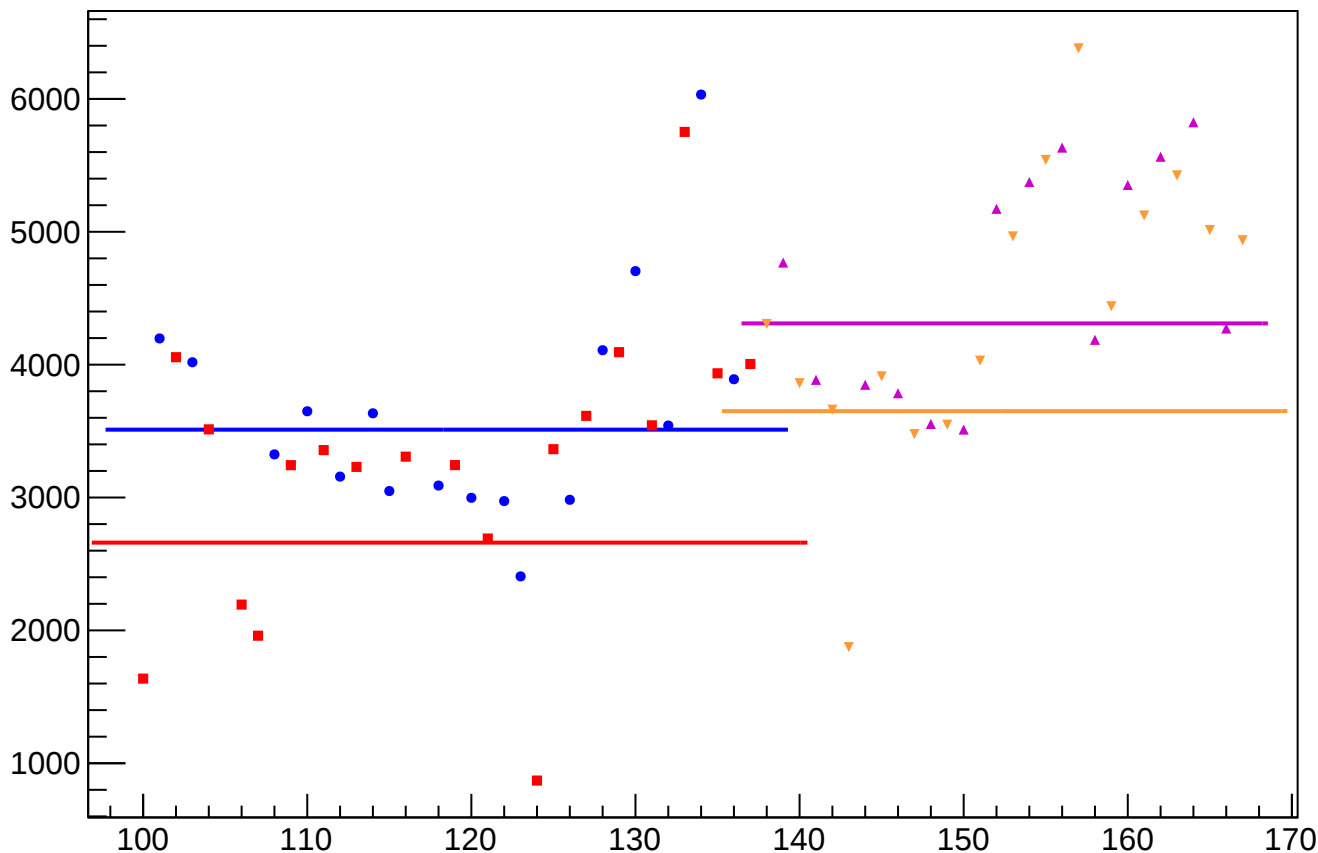
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: 122.980+/-780.372 χ^2/NDF :37.8/34

All: 28.423+/-604.165 χ^2/NDF : 64.2/65

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: 3650.185 $\pm$ 0.792 χ^2 /NDF:2557545.7/15

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

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

Left: 3925.198 $\pm$ 0.605 χ^2 /NDF: 3514679.3/29

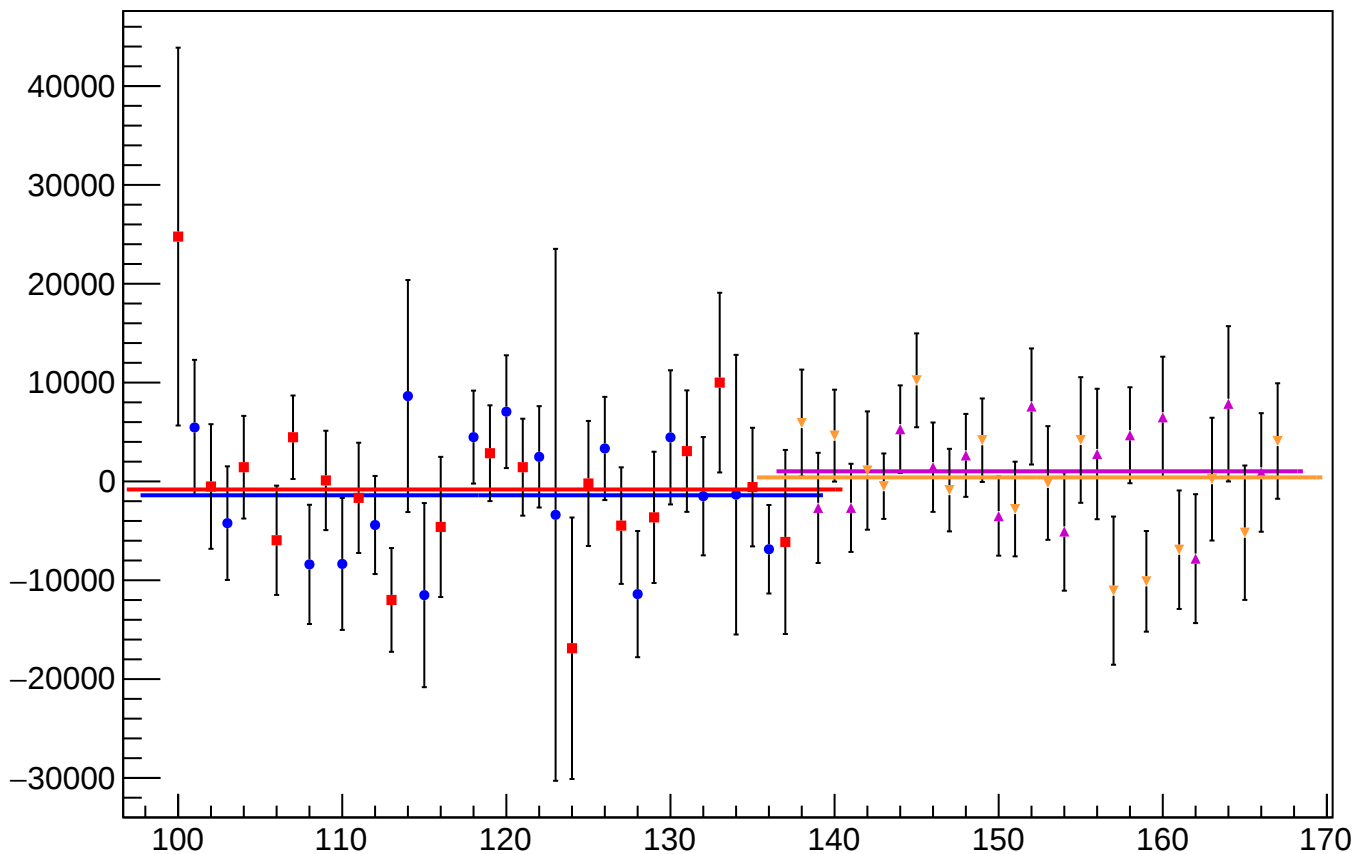
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 3141.340 $\pm$ 0.552 χ^2 /NDF:5543524.3/34

All: 3455.532 $\pm$ 0.427 χ^2 /NDF: 7714754.8/65

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 408.606 $\pm$ 1273.034 χ^2 /NDF: 17.1/15

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

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

Left: 690.110 $\pm$ 938.682 χ^2 /NDF: 27.0/29

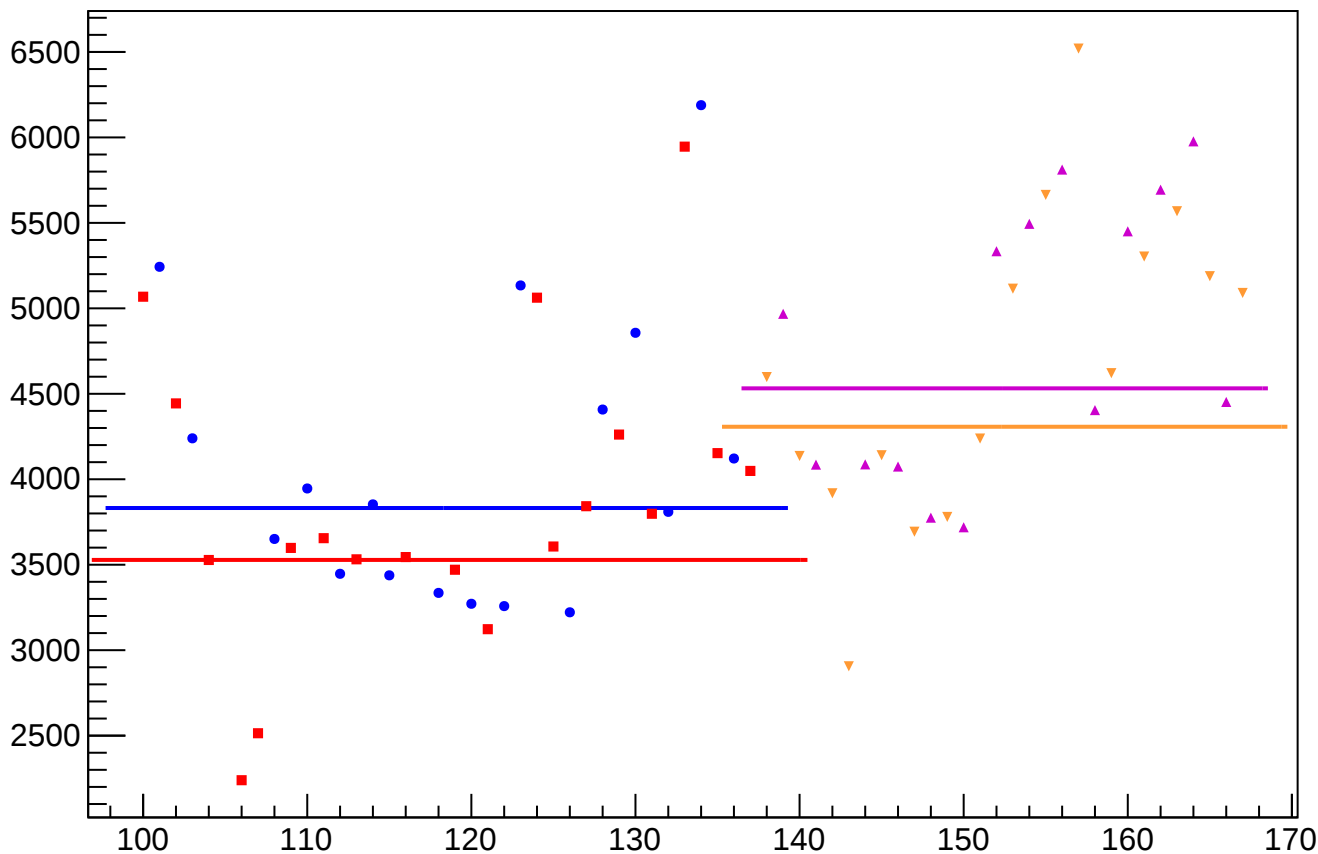
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

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

Out: -153.910 $\pm$ 935.425 χ^2 /NDF: 31.8/34

All: -125.667 $\pm$ 689.624 χ^2 /NDF: 58.8/65

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: 4307.228+/-0.900 χ^2/NDF : 972229.4/15

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

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

Left: 4409.747+/-0.664 χ^2/NDF : 1563073.8/29

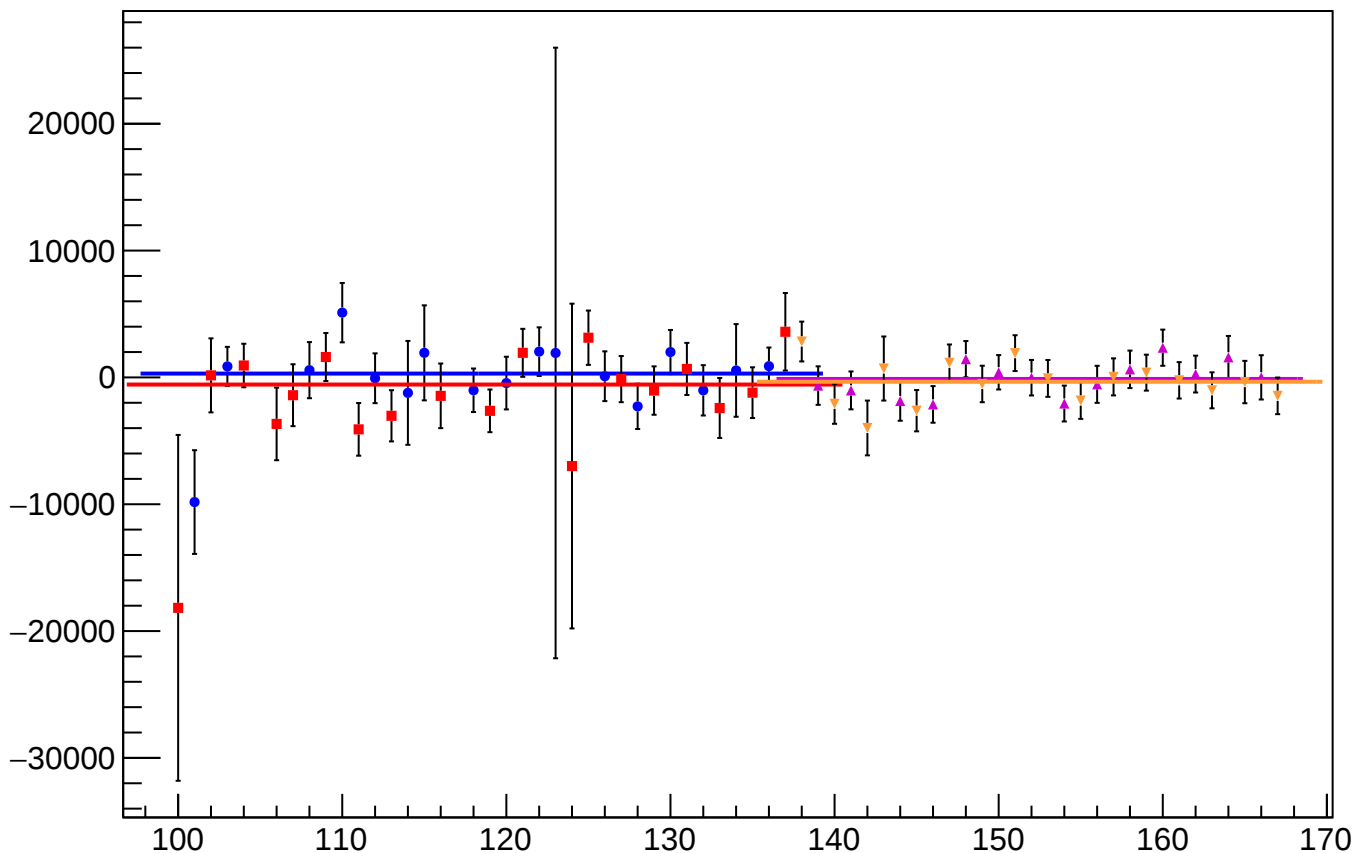
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 3945.238+/-0.659 χ^2/NDF : 1877483.6/34

All: 4065.327+/-0.487 χ^2/NDF : 3084523.4/65

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: -341.667 $\pm$ 384.548 χ^2 /NDF:16.2/15

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

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

Left: -234.493 $\pm$ 275.743 χ^2 /NDF: 27.6/29

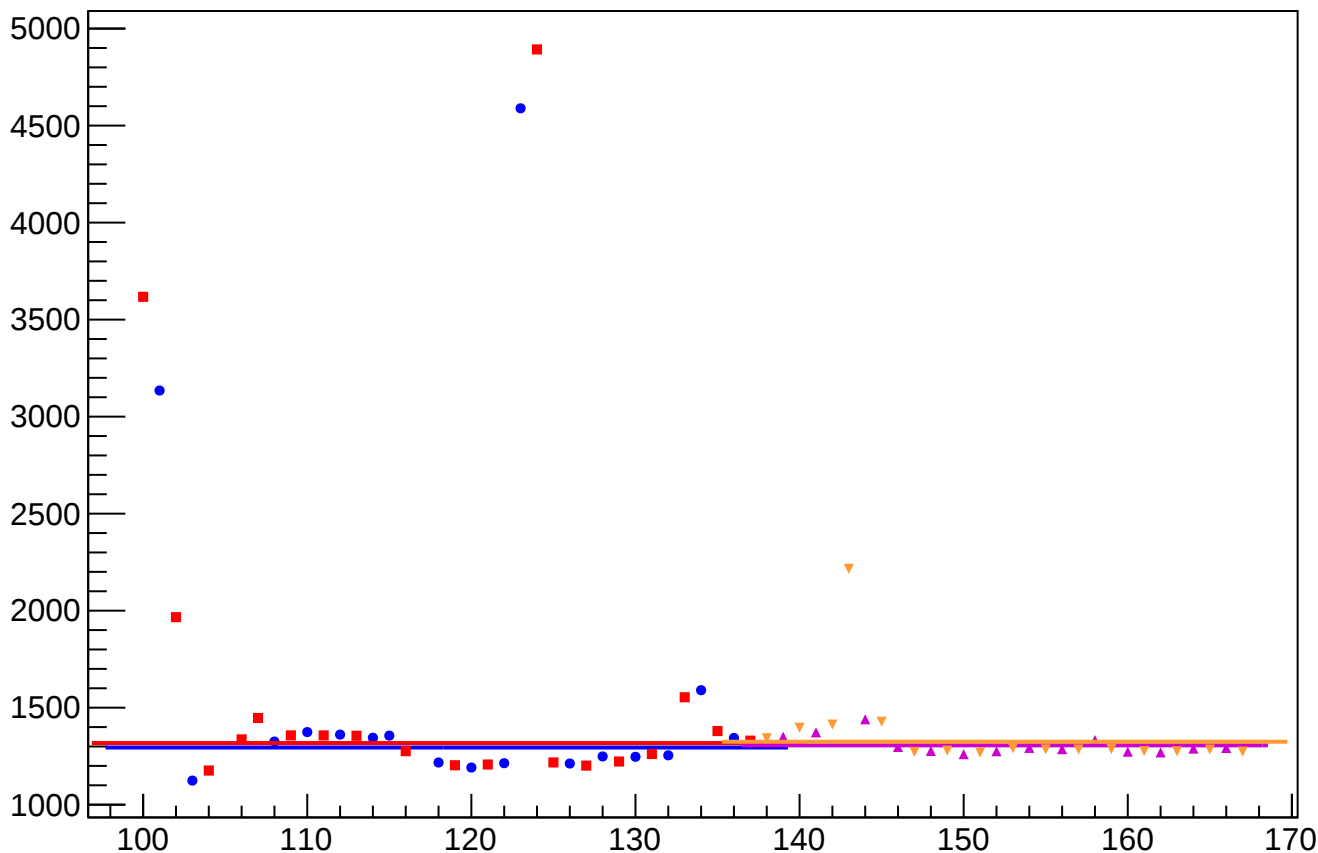
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

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

Out: -421.949 $\pm$ 306.680 χ^2 /NDF:35.4/34

All: -197.448 $\pm$ 219.137 χ^2 /NDF: 64.3/65

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: 1324.470+/-0.272 χ^2/NDF : 286048.5/15

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

Left In: 1305.855+/-0.280 χ^2/NDF : 28558.3/13

Left: 1315.426+/-0.195 χ^2/NDF : 316883.6/29

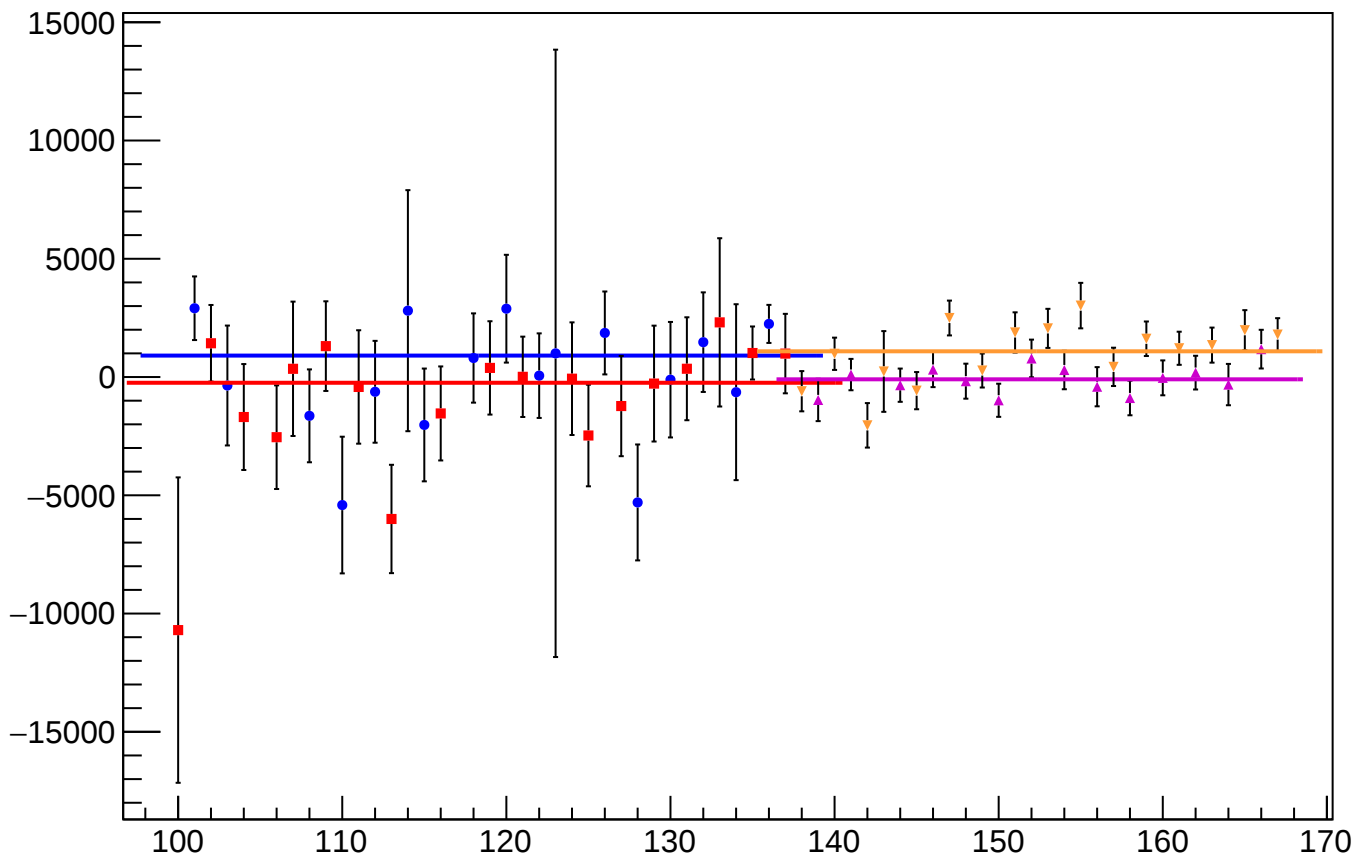
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1301.704+/-0.221 χ^2/NDF : 536952.4/30

Out: 1322.038+/-0.217 χ^2/NDF : 677075.6/34

All: 1312.086+/-0.155 χ^2/NDF : 1218331.1/65

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: 1087.799 $\pm$ 199.746 χ^2 /NDF:34.5/15

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

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

Left: 505.411 $\pm$ 142.407 χ^2 /NDF: 60.3/29

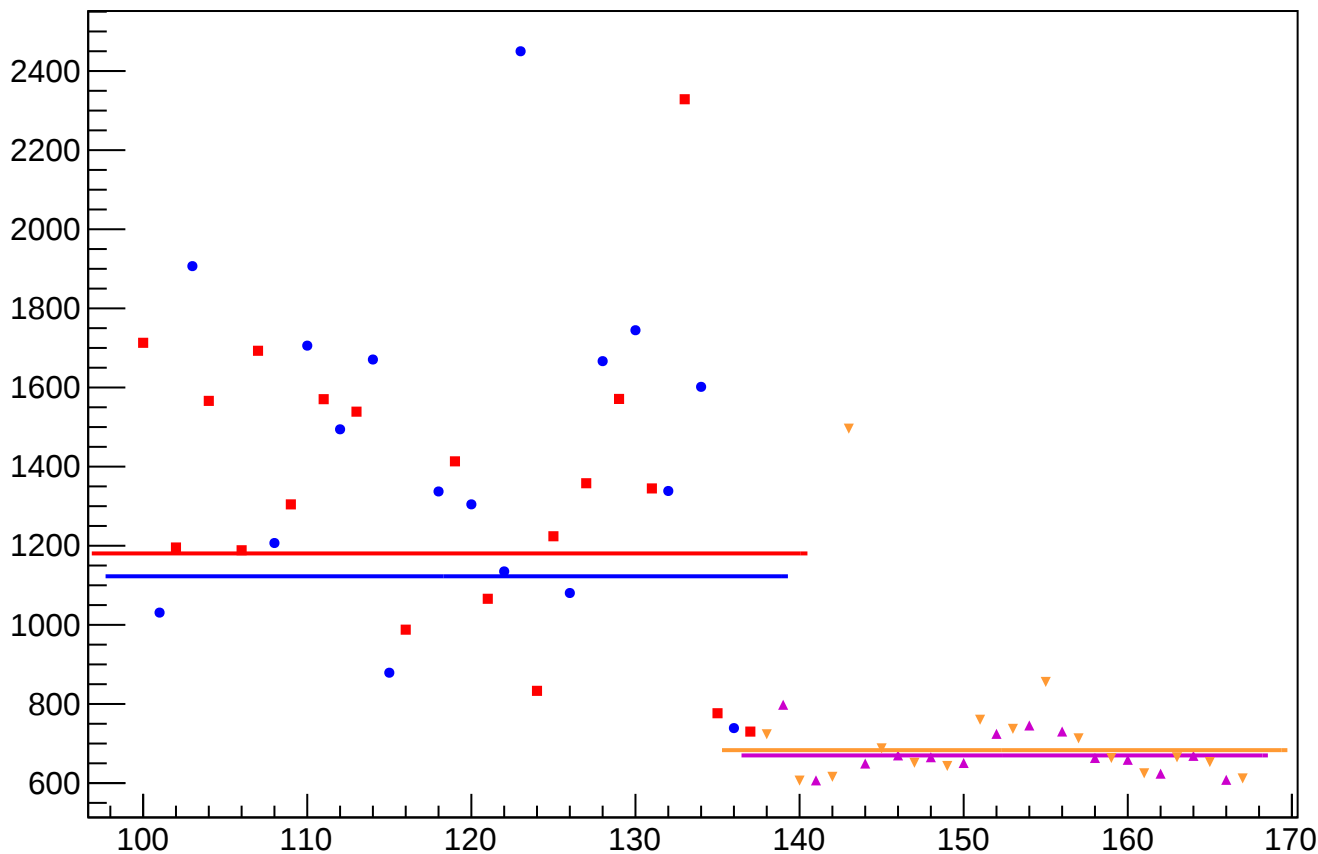
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

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

Out: 879.343 $\pm$ 183.427 χ^2 /NDF:57.9/34

All: 479.012 $\pm$ 130.431 χ^2 /NDF: 102.1/65

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: 683.281+/-0.141 χ^2/NDF : 635969.2/15

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

Left In: 669.945+/-0.144 χ^2/NDF : 119957.6/13

Left: 676.724+/-0.101 χ^2/NDF : 760310.4/29

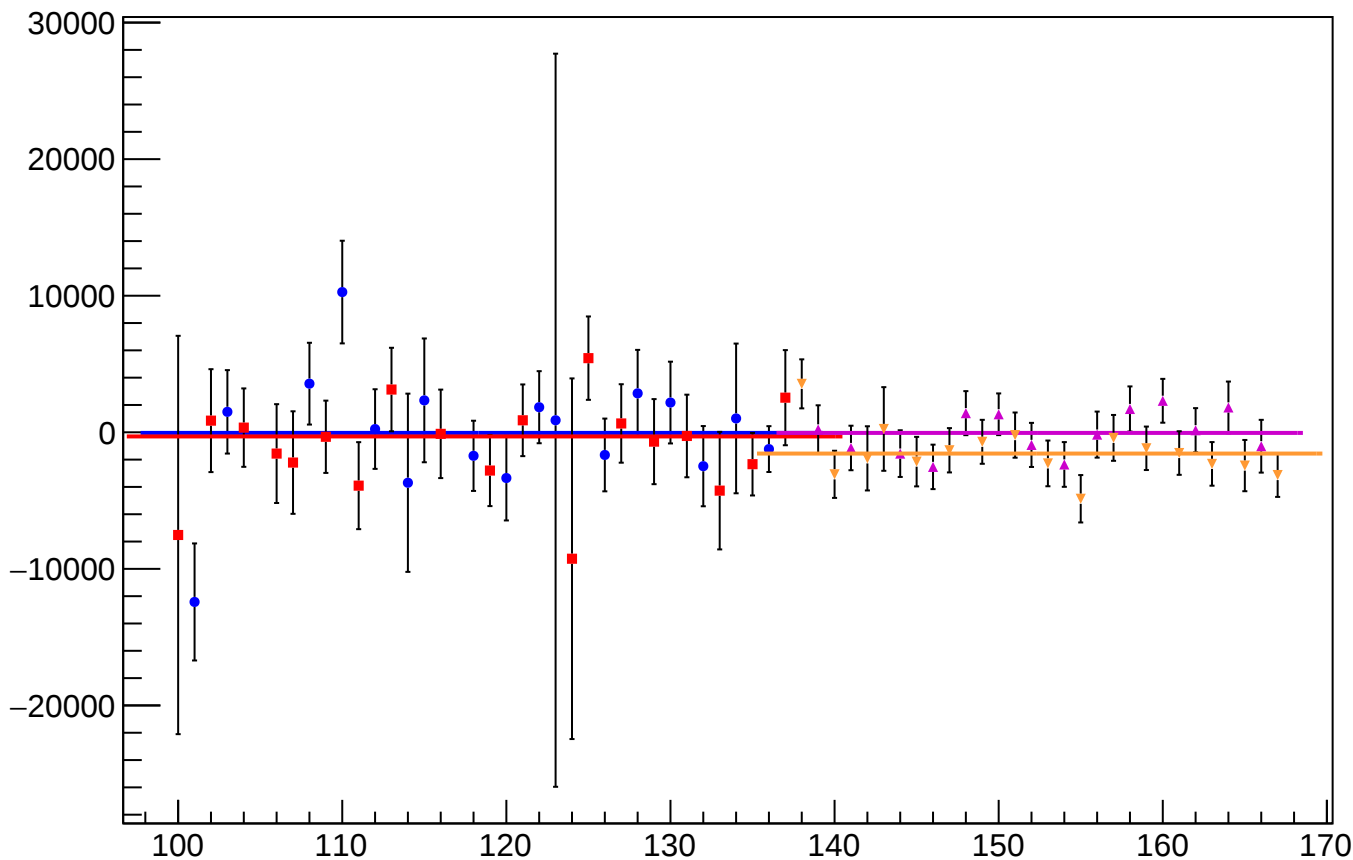
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 744.938+/-0.131 χ^2/NDF : 2954752.5/30

Out: 761.214+/-0.130 χ^2/NDF : 3613992.1/34

All: 753.168+/-0.092 χ^2/NDF : 6576529.4/65

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: -1557.587 ± 435.744 $\chi^2/\text{NDF}: 16.1/15$

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

Left In: -45.545 ± 446.230 $\chi^2/\text{NDF}: 12.0/13$

Left: -819.540 ± 311.759 $\chi^2/\text{NDF}: 34.0/29$

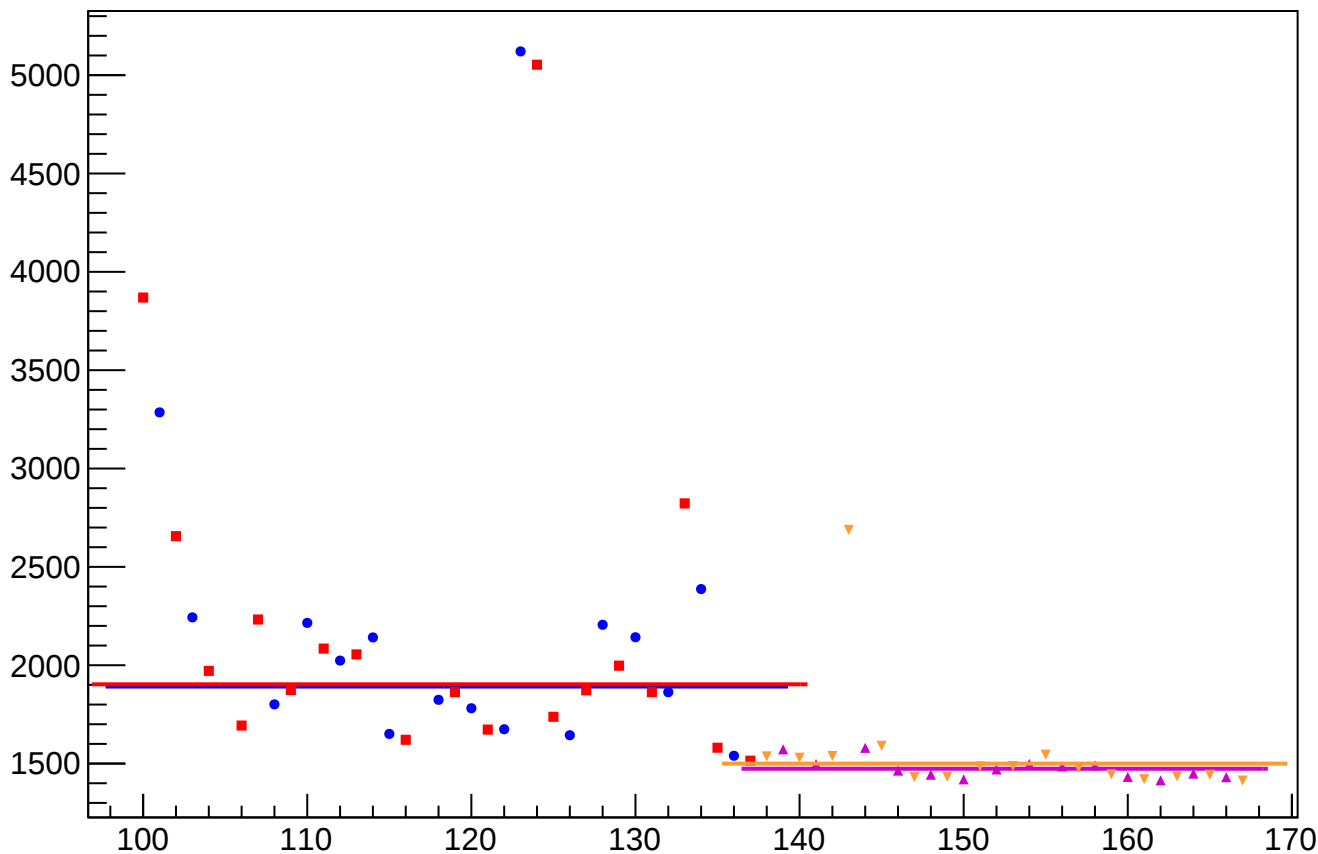
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -45.236 ± 383.163 $\chi^2/\text{NDF}: 35.2/30$

Out: -1231.144 ± 374.753 $\chi^2/\text{NDF}: 29.1/34$

All: -651.348 ± 267.914 $\chi^2/\text{NDF}: 69.2/65$

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: 1499.920 $\pm$ 0.308 χ^2 /NDF: 335131.0/15

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1473.769 $\pm$ 0.316 χ^2 /NDF: 23774.2/13

Left: 1487.155 $\pm$ 0.220 χ^2 /NDF: 362421.3/29

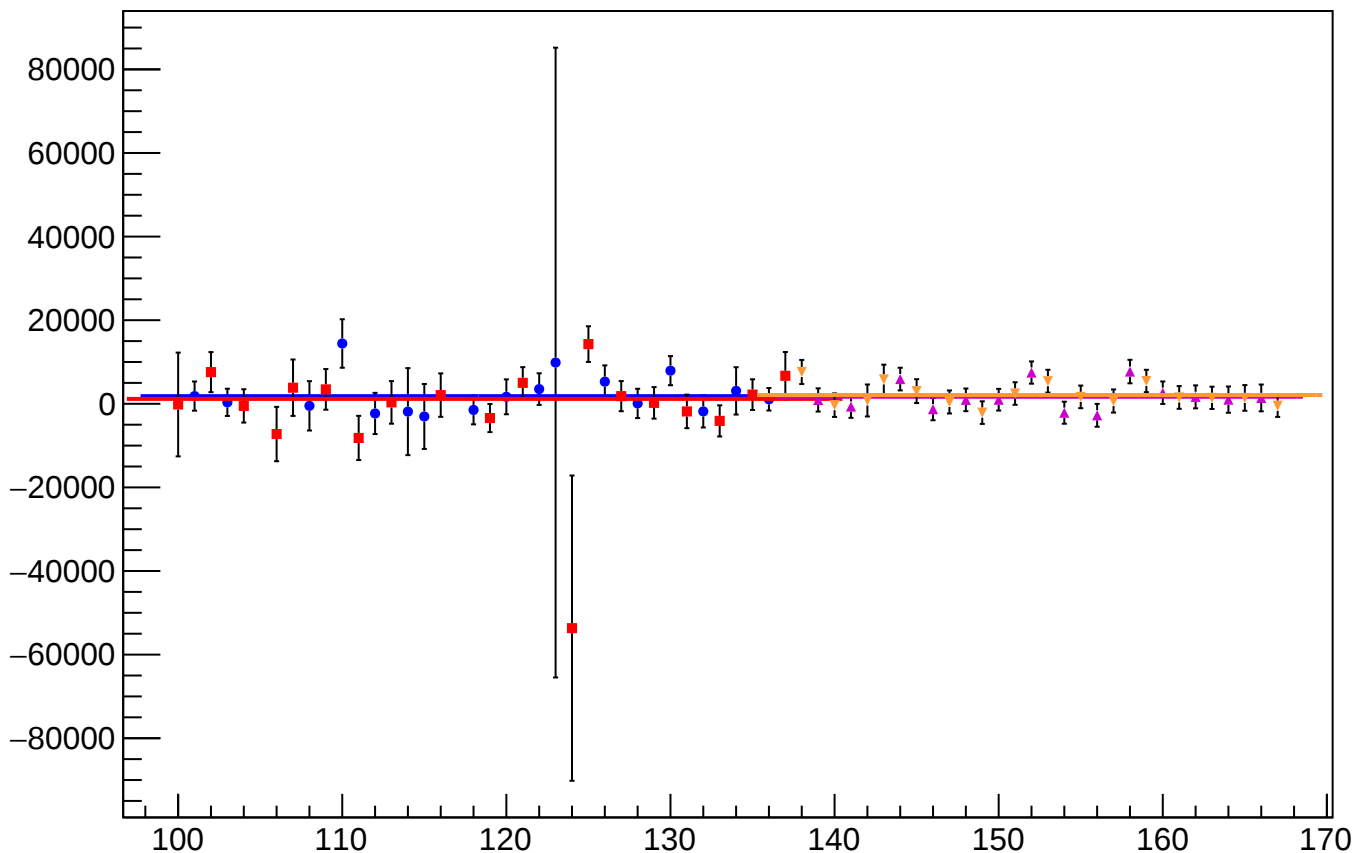
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1583.548 $\pm$ 0.271 χ^2 /NDF: 953650.8/30

Out: 1604.866 $\pm$ 0.265 χ^2 /NDF: 1240868.9/34

All: 1594.444 $\pm$ 0.189 χ^2 /NDF: 2197684.0/65

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2098.815 $\pm$ 709.387 χ^2 /NDF:13.0/15

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1686.257 $\pm$ 736.407 χ^2 /NDF:18.9/13

Left: 1900.244 $\pm$ 510.898 χ^2 /NDF: 32.0/29

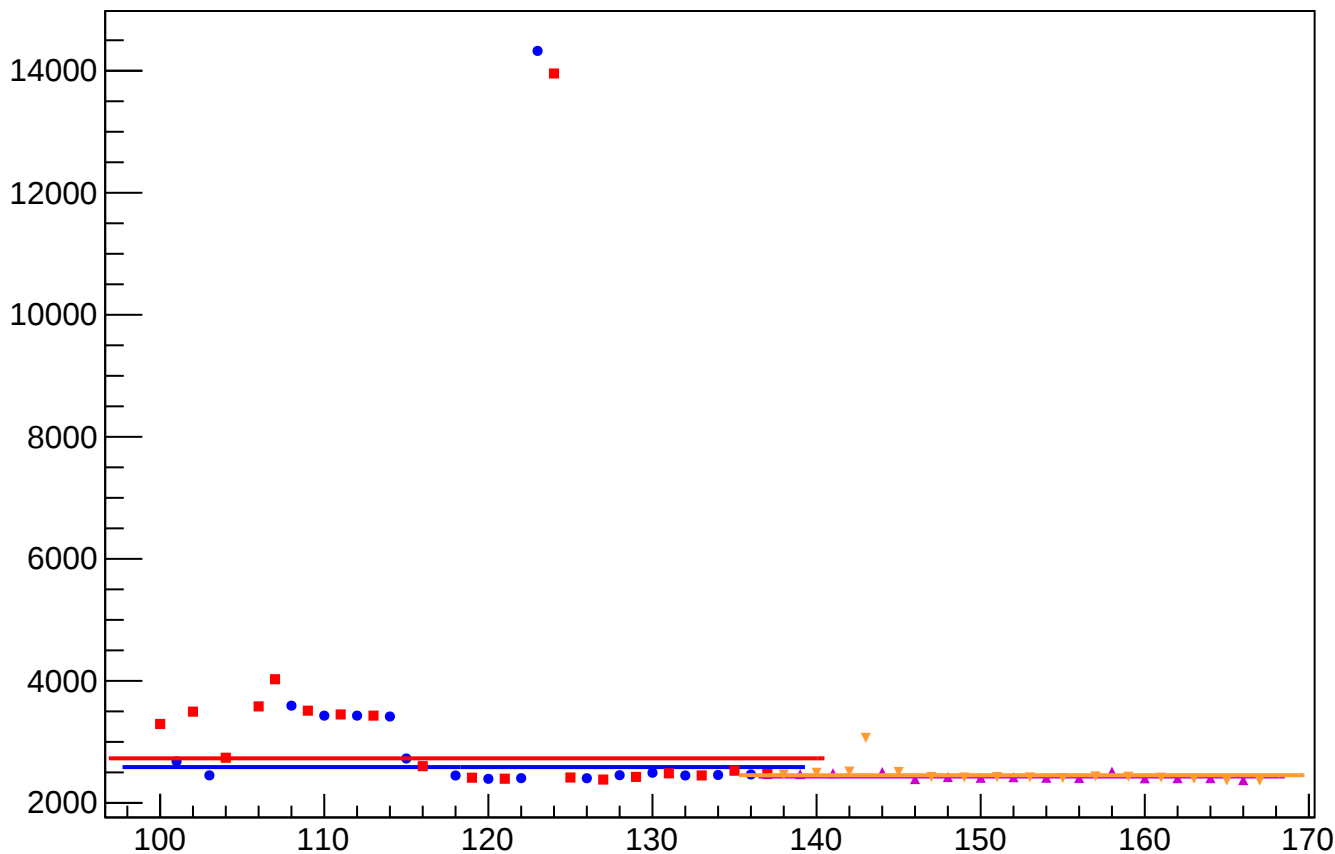
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1734.418 $\pm$ 595.071 χ^2 /NDF:31.5/30

Out: 1807.292 $\pm$ 587.138 χ^2 /NDF:39.0/34

All: 1771.344 $\pm$ 417.946 χ^2 /NDF: 70.5/65

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2454.074 ± 0.502 χ^2/NDF : 69162.3/15

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

Left In: 2432.023 ± 0.521 χ^2/NDF : 6579.9/13

Left: 2443.460 ± 0.361 χ^2/NDF : 76672.3/29

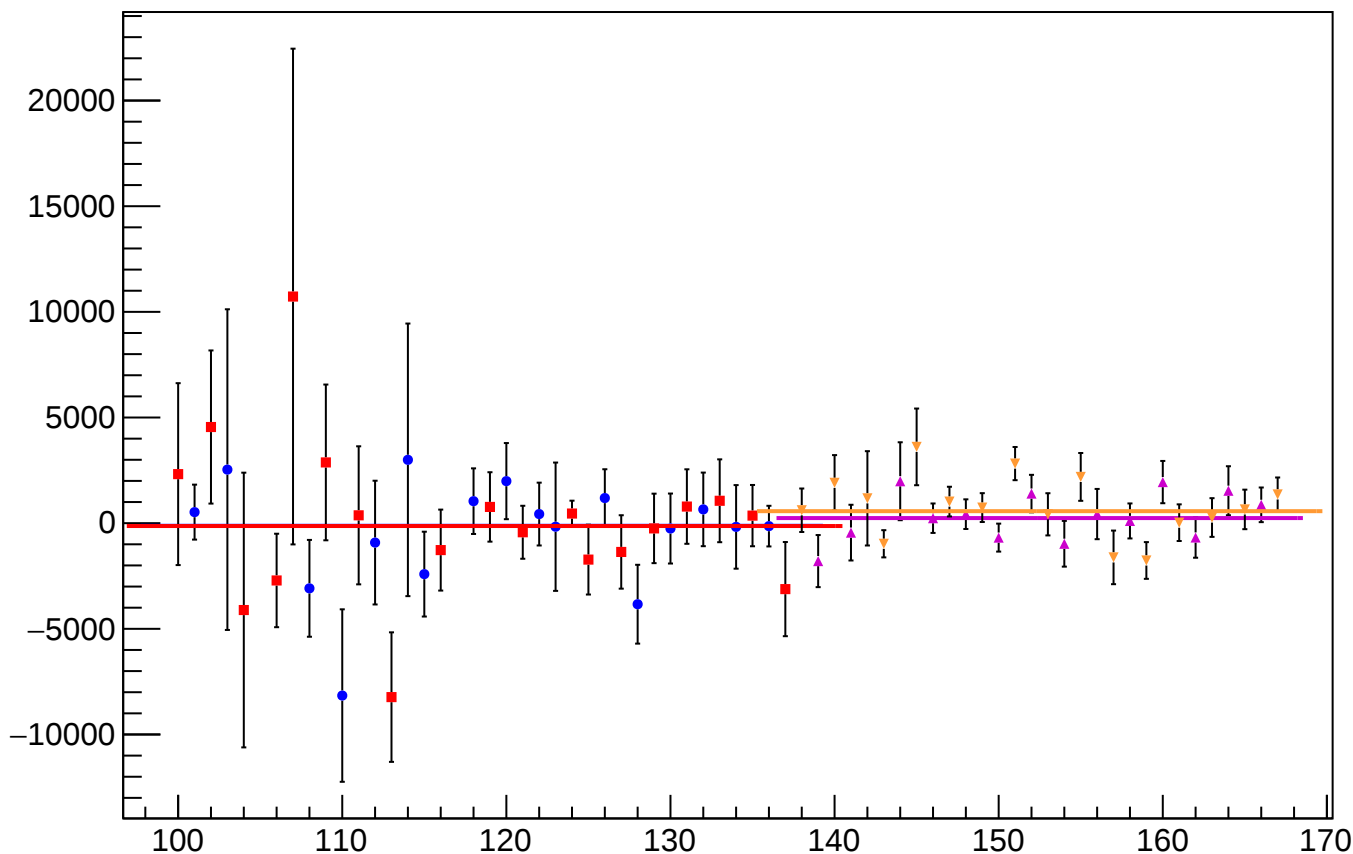
Right: 2656.218 ± 0.514 χ^2/NDF : 858580.5/35

In: 2485.795 ± 0.421 χ^2/NDF : 291422.2/30

Out: 2541.133 ± 0.415 χ^2/NDF : 749794.0/34

All: 2513.835 ± 0.296 χ^2/NDF : 1049980.0/65

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 567.834 ± 228.279 χ^2/NDF : 32.1/15

Right Out: -135.340 ± 379.439 χ^2/NDF : 17.9/18

Left In: 240.928 ± 246.083 χ^2/NDF : 14.6/13

Left: 416.633 ± 167.358 χ^2/NDF : 47.7/29

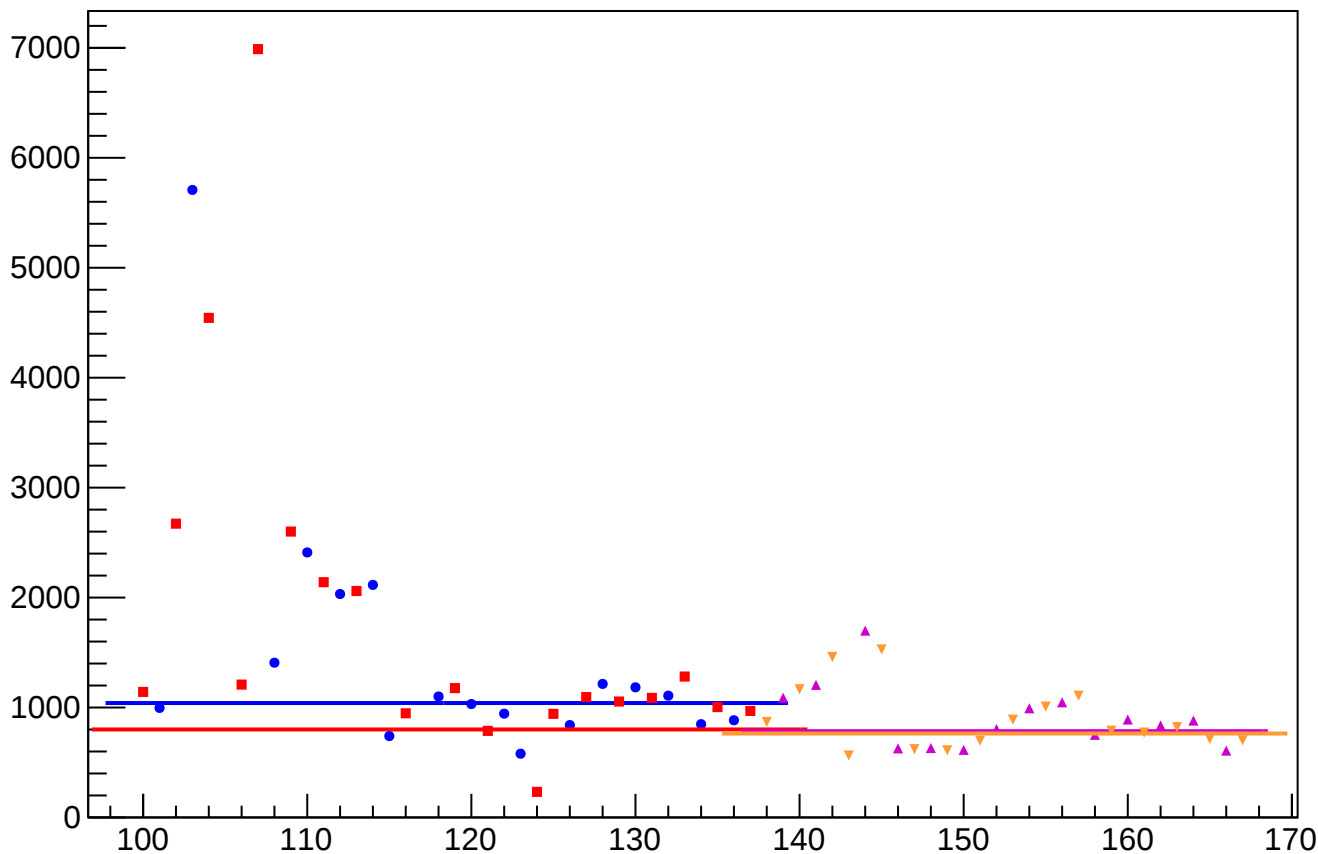
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: 151.020 ± 213.674 χ^2/NDF : 29.8/30

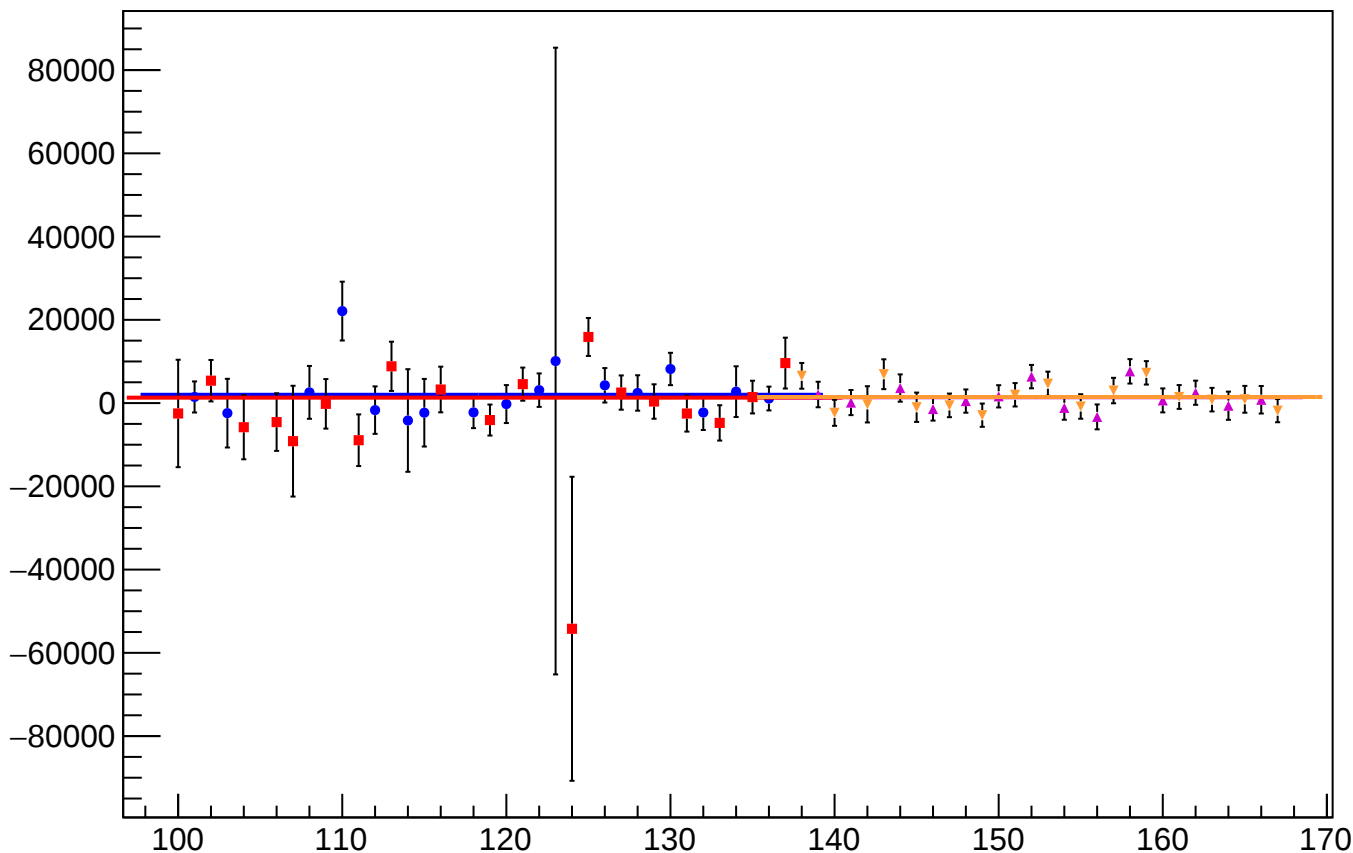
Out: 380.960 ± 195.607 χ^2/NDF : 52.5/34

All: 276.120 ± 144.280 χ^2/NDF : 83.0/65

asym_atl1_correction_rms vs Slug, Sign Corrected



asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2/NDF : 14.9/16

Left Out: 1461.534 $\pm$ 758.985 χ^2/NDF :17.9/15

Right Out: 1304.124 $\pm$ 1188.654 χ^2/NDF : 27.6/18

Left In: 1402.426 $\pm$ 790.199 χ^2/NDF :13.3/13

Left: 1433.171 $\pm$ 547.386 χ^2/NDF : 31.3/29

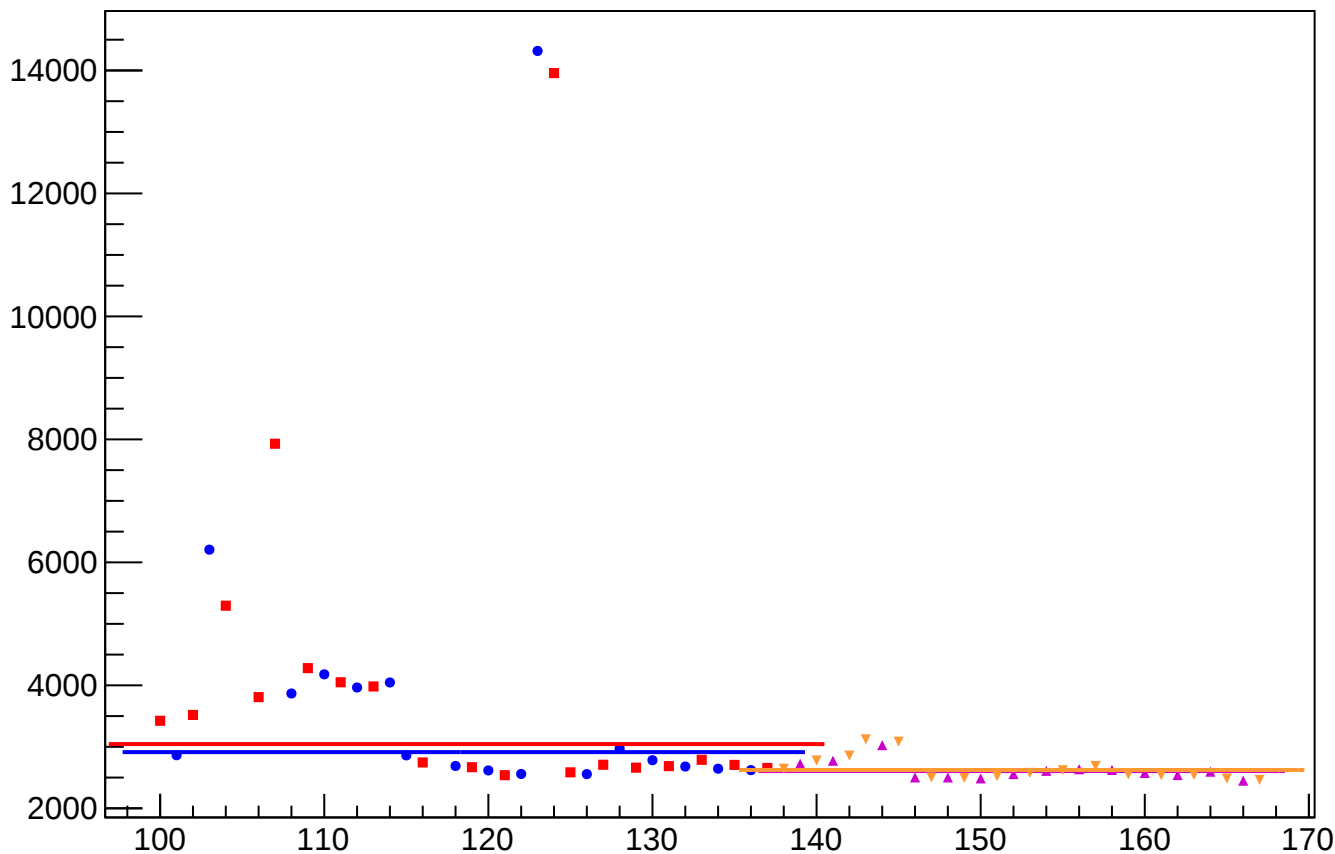
Right: 1660.114 $\pm$ 828.371 χ^2/NDF : 42.7/35

In: 1591.748 $\pm$ 652.183 χ^2/NDF :28.4/30

Out: 1415.944 $\pm$ 639.700 χ^2/NDF :45.5/34

All: 1502.147 $\pm$ 456.686 χ^2/NDF : 74.0/65

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2623.011+/-0.537 χ^2/NDF : 110231.2/15

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

Left In: 2606.274+/-0.559 χ^2/NDF : 58272.4/13

Left: 2614.979+/-0.387 χ^2/NDF : 168970.3/29

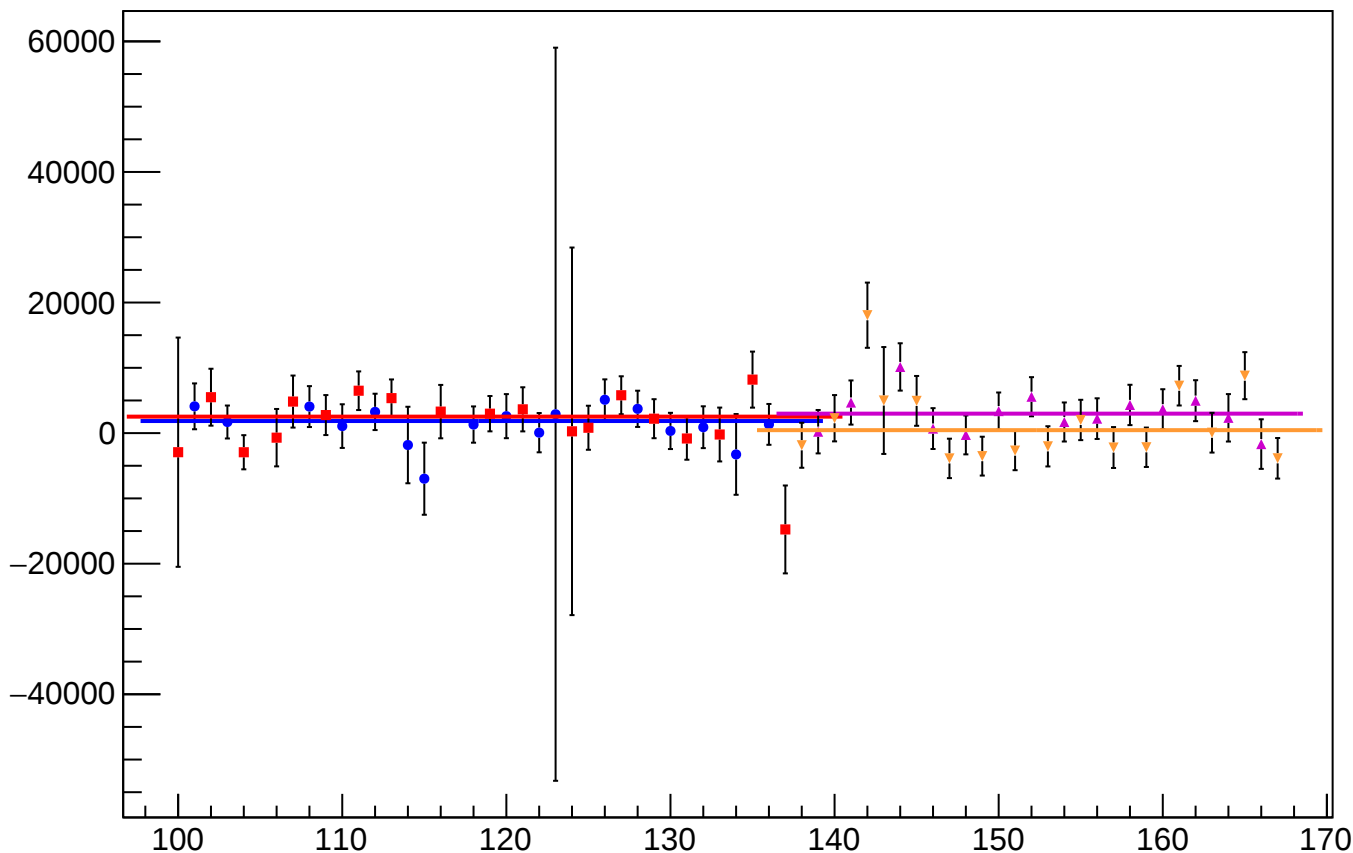
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2704.341+/-0.461 χ^2/NDF : 793877.7/30

Out: 2745.079+/-0.452 χ^2/NDF : 1294174.5/34

All: 2725.103+/-0.323 χ^2/NDF : 2092029.3/65

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 451.868 $\pm$ 833.102 χ^2 /NDF:34.5/15

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2981.376 $\pm$ 852.399 χ^2 /NDF:9.8/13

Left: 1687.666 $\pm$ 595.797 χ^2 /NDF: 48.8/29

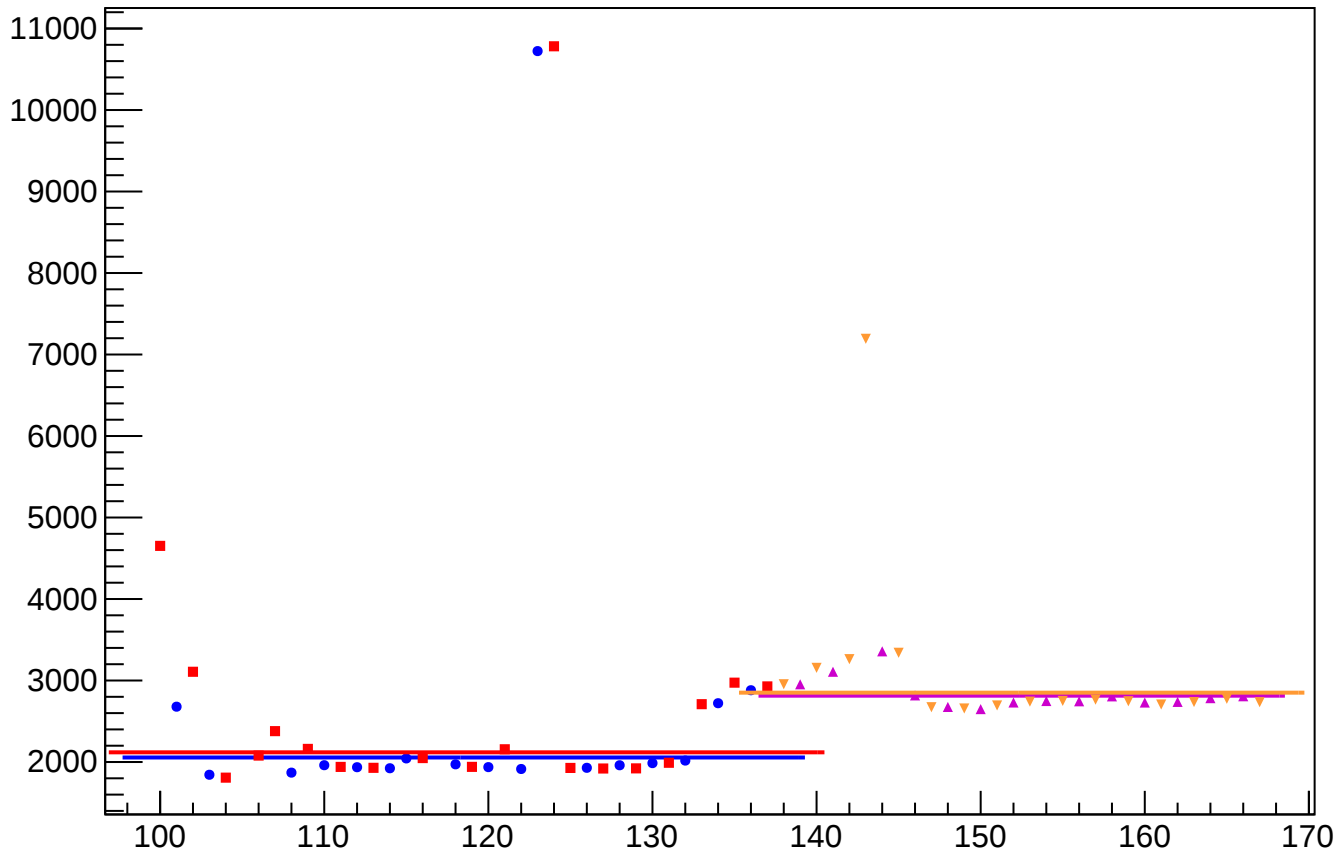
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2384.640 $\pm$ 585.936 χ^2 /NDF:17.9/30

Out: 1505.984 $\pm$ 583.836 χ^2 /NDF:57.8/34

All: 1943.735 $\pm$ 413.575 χ^2 /NDF: 76.8/65

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2850.982+/-0.589 χ^2/NDF : 666321.5/15

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

Left In: 2814.000+/-0.603 χ^2/NDF : 81011.8/13

Left: 2832.915+/-0.421 χ^2/NDF : 749258.7/29

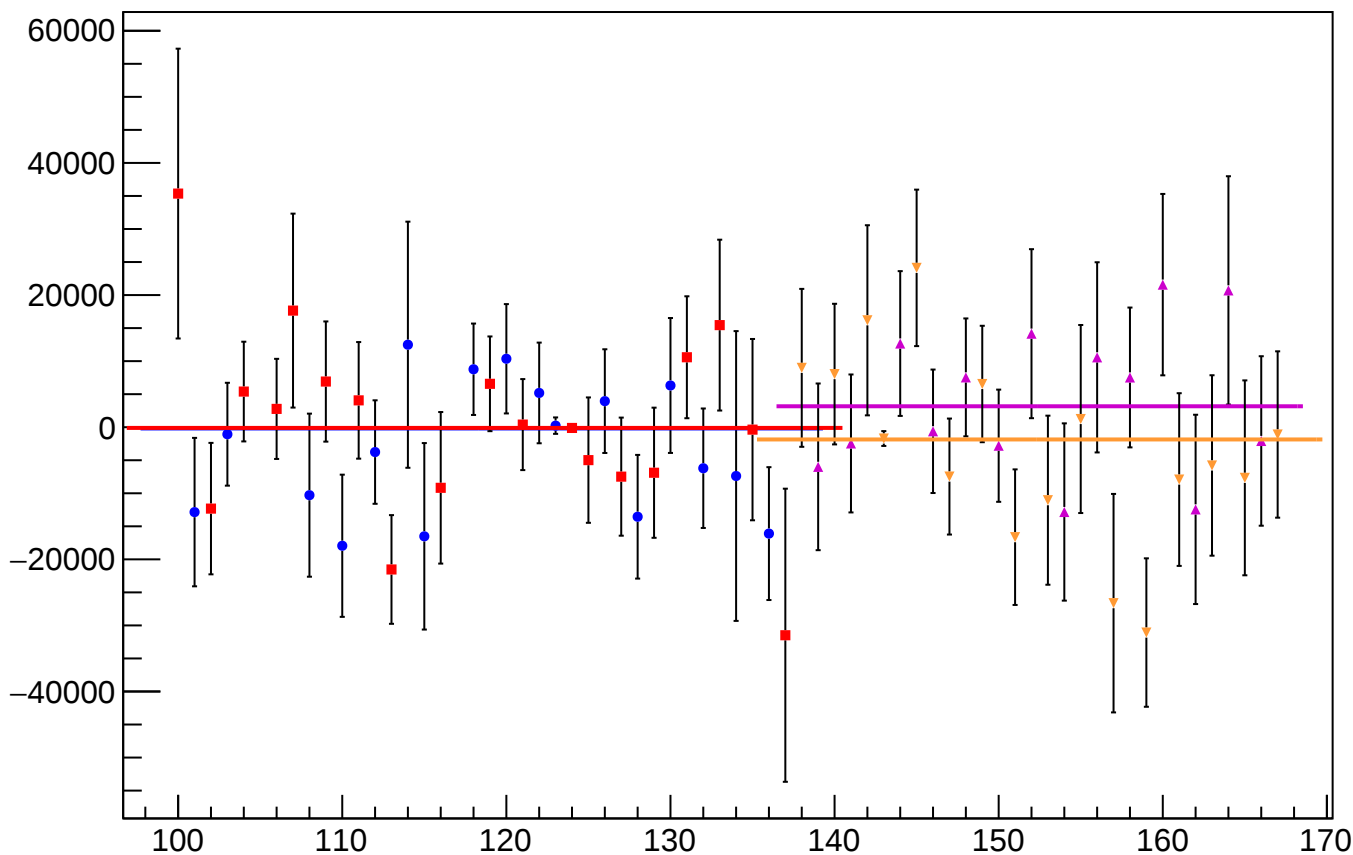
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2413.873+/-0.414 χ^2/NDF : 1232861.1/30

Out: 2477.841+/-0.413 χ^2/NDF : 2027318.2/34

All: 2445.996+/-0.292 χ^2/NDF : 3272149.5/65

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1853.416 $\pm$ 1052.995 χ^2/NDF : 21.5/15

Right Out: -106.733 $\pm$ 690.637 χ^2/NDF : 21.6/18

Left In: 3168.900 $\pm$ 3061.173 χ^2/NDF : 9.2/13

Left: -1322.026 $\pm$ 995.732 χ^2/NDF : 33.2/29

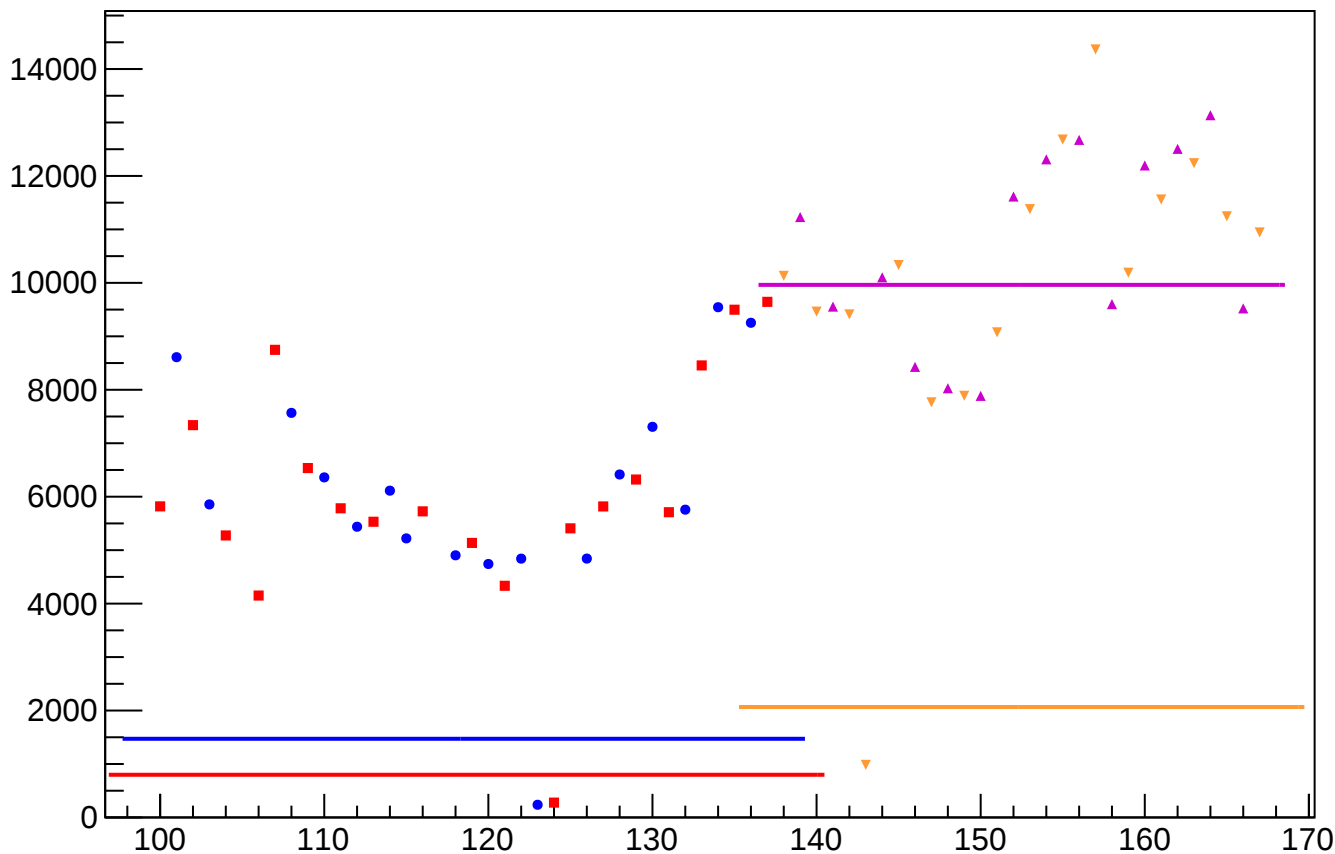
Right: -128.909 $\pm$ 585.025 χ^2/NDF : 38.0/35

In: 198.810 $\pm$ 1035.844 χ^2/NDF : 26.7/30

Out: -632.110 $\pm$ 577.504 χ^2/NDF : 45.0/34

All: -435.079 $\pm$ 504.408 χ^2/NDF : 72.2/65

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left: 2901.166 $\pm$ 0.704

χ^2 /NDF: 28686560.0/29

Left Out: 2065.651 $\pm$ 0.745

χ^2 /NDF: 16140827.3/15

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: 2443.814 $\pm$ 0.732

χ^2 /NDF: 24058048.3/30

Out: 1179.740 $\pm$ 0.408

χ^2 /NDF: 29692943.5/34

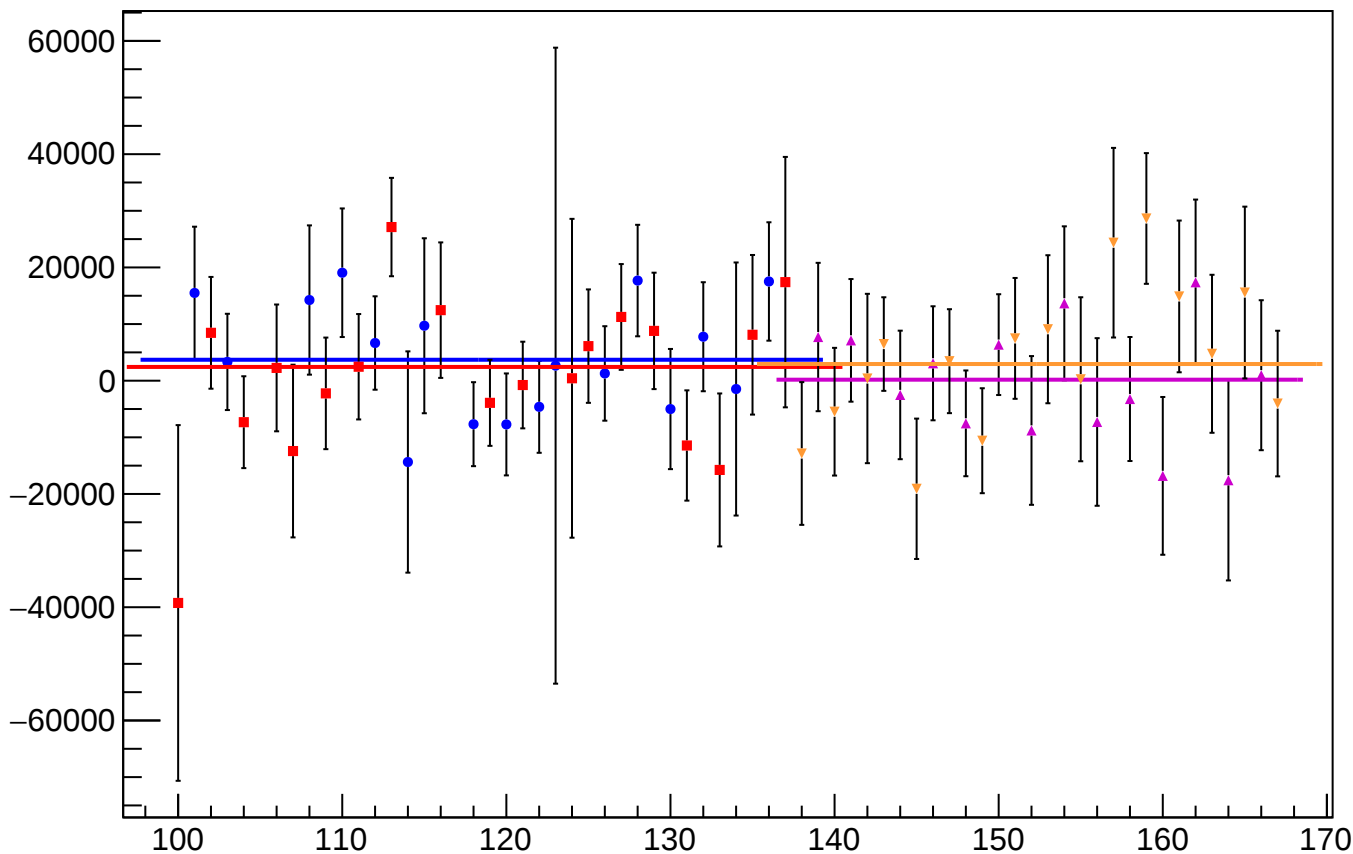
Left In: 9962.348 $\pm$ 2.165

χ^2 /NDF: 644906.0/13

All: 1479.482 $\pm$ 0.357

χ^2 /NDF: 56023162.0/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2944.619+/-2950.111 χ^2/NDF :16.5/15

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

Left In: 177.947+/-3179.179 χ^2/NDF :7.7/13

Left: 1664.537+/-2162.495 χ^2/NDF : 24.6/29

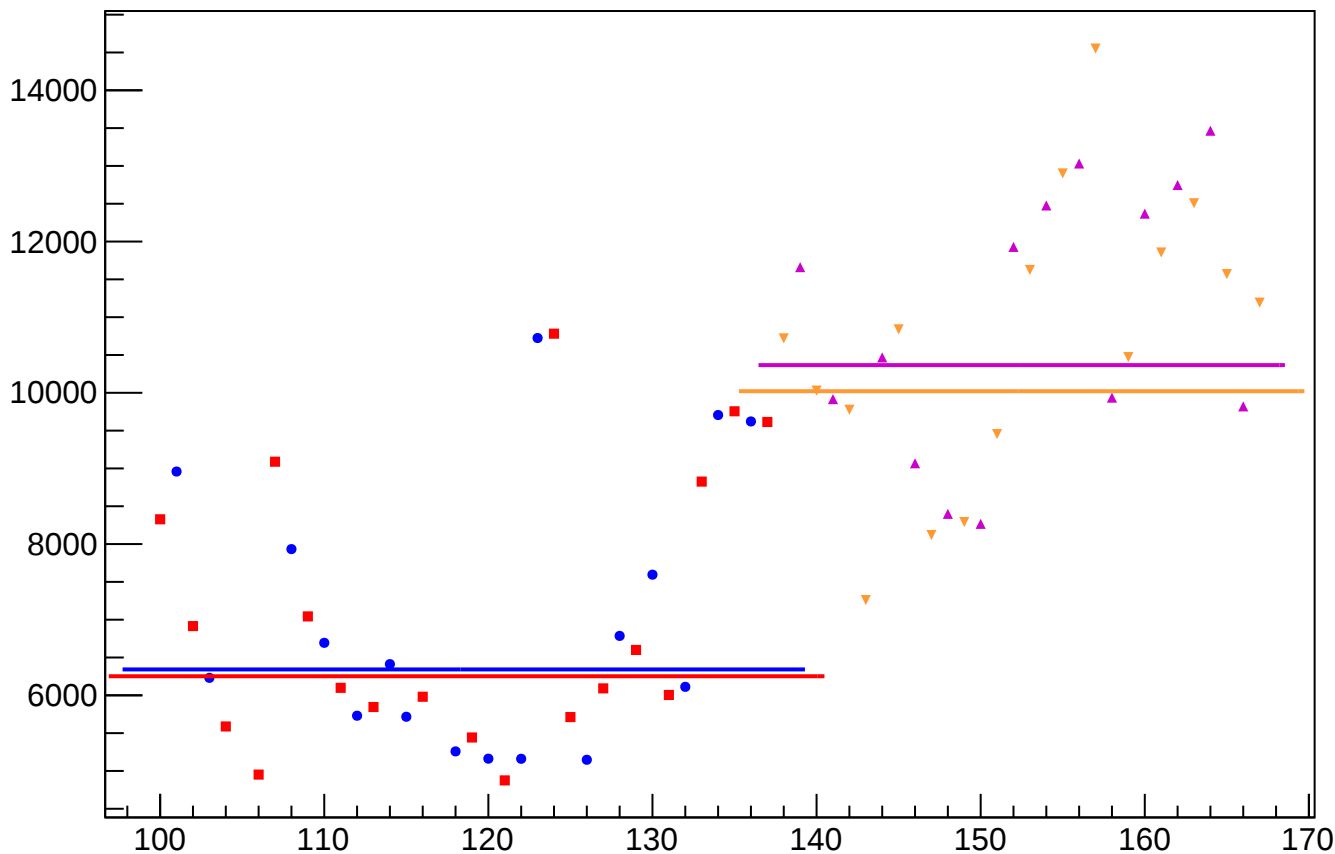
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2341.364+/-1973.855 χ^2/NDF :22.9/30

Out: 2637.281+/-1871.680 χ^2/NDF :36.8/34

All: 2497.179+/-1358.163 χ^2/NDF : 59.7/65

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 10021.243+/-2.086 χ^2/NDF : 797269.1/15

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

Left In: 10366.234+/-2.248 χ^2/NDF : 560129.5/13

Left: 10180.863+/-1.529 χ^2/NDF : 1370053.2/29

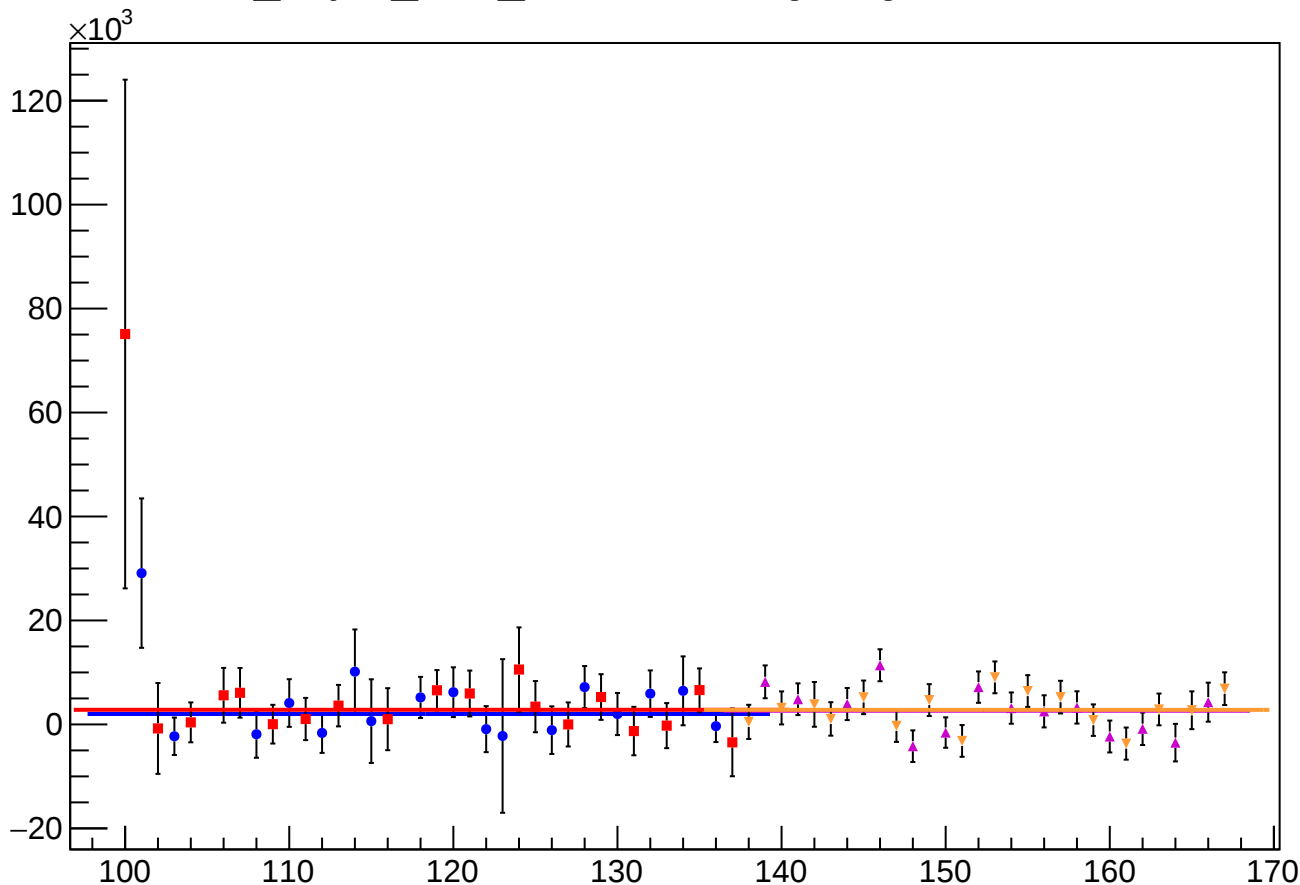
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7893.449+/-1.396 χ^2/NDF : 3122746.4/30

Out: 7769.191+/-1.323 χ^2/NDF : 3285907.7/34

All: 7828.019+/-0.960 χ^2/NDF : 6412827.7/65

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2801.071 $\pm$ 798.331 χ^2 /NDF:19.3/15

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2631.811 $\pm$ 837.068 χ^2 /NDF:28.2/13

Left: 2720.448 $\pm$ 577.714 χ^2 /NDF: 47.5/29

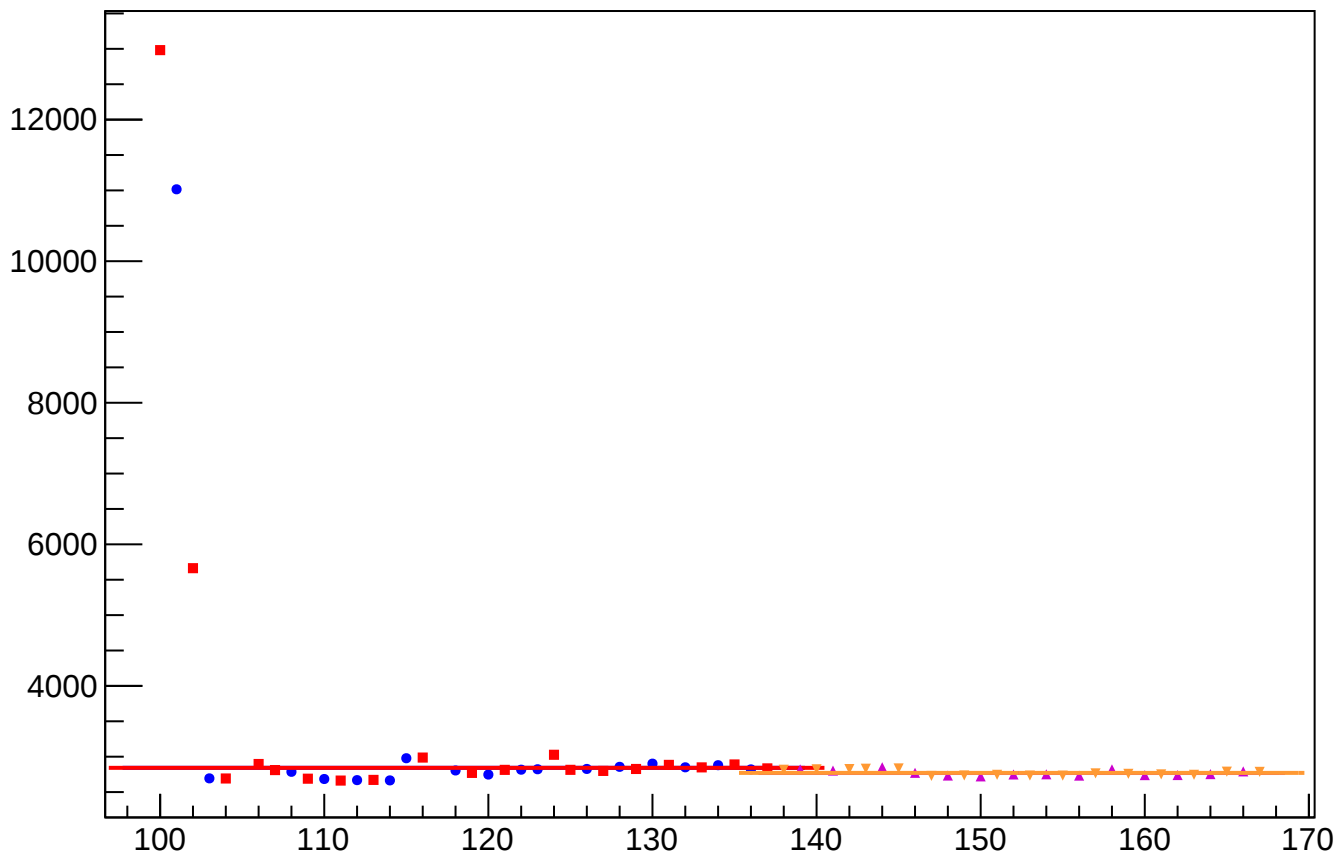
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2408.414 $\pm$ 671.656 χ^2 /NDF:42.1/30

Out: 2804.798 $\pm$ 643.345 χ^2 /NDF:29.8/34

All: 2615.136 $\pm$ 464.600 χ^2 /NDF: 72.1/65

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.031+/-0.565 χ^2/NDF : 4453.3/15

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2769.391+/-0.592 χ^2/NDF : 4456.1/13

Left: 2770.250+/-0.409 χ^2/NDF : 8913.4/29

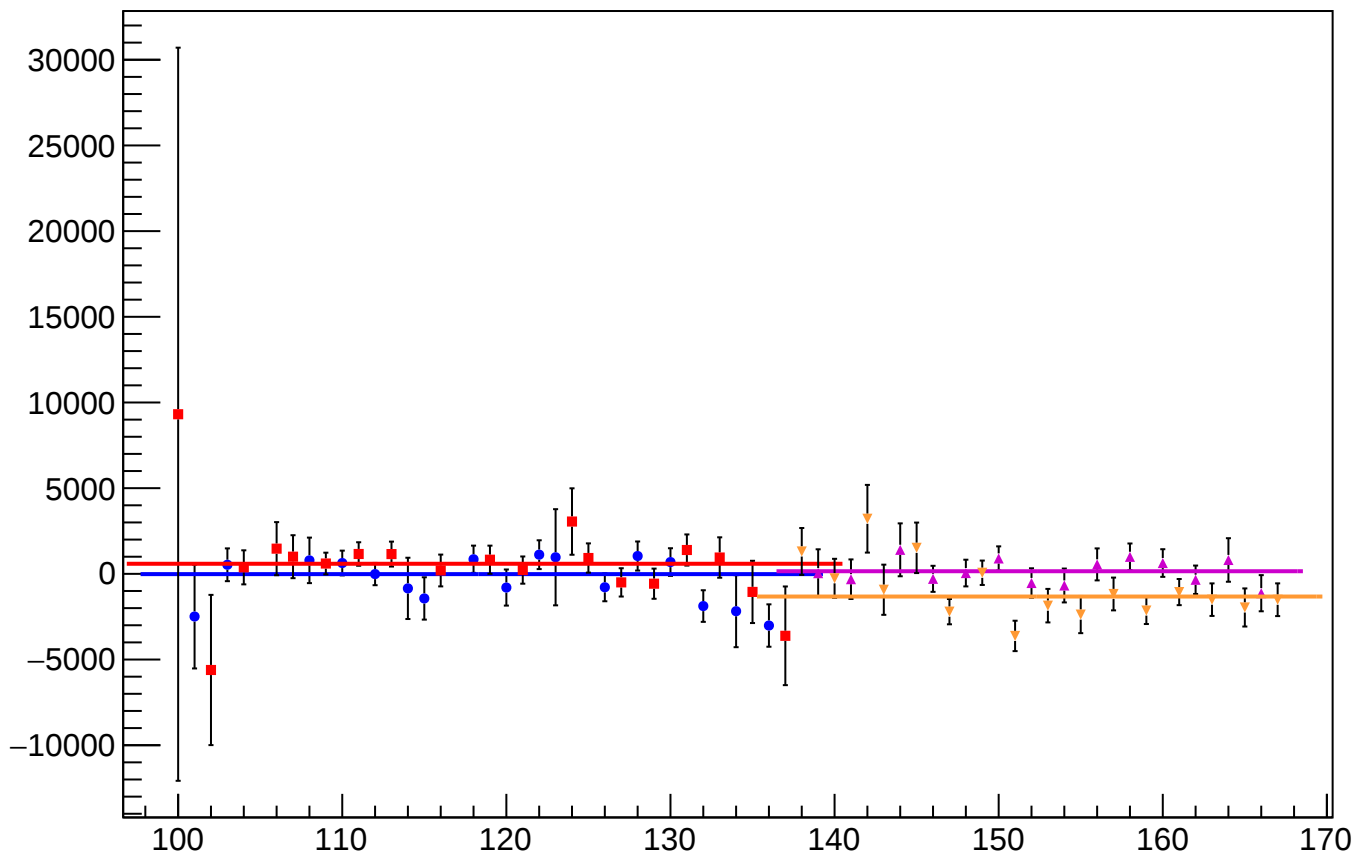
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2795.476+/-0.475 χ^2/NDF : 670214.0/30

Out: 2796.066+/-0.455 χ^2/NDF : 322399.0/34

All: 2795.784+/-0.329 χ^2/NDF : 992613.9/65

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1323.603 ± 243.162 χ^2/NDF : 28.5/15

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 153.143 ± 244.193 χ^2/NDF : 7.5/13

Left: -588.356 ± 172.305 χ^2/NDF : 54.3/29

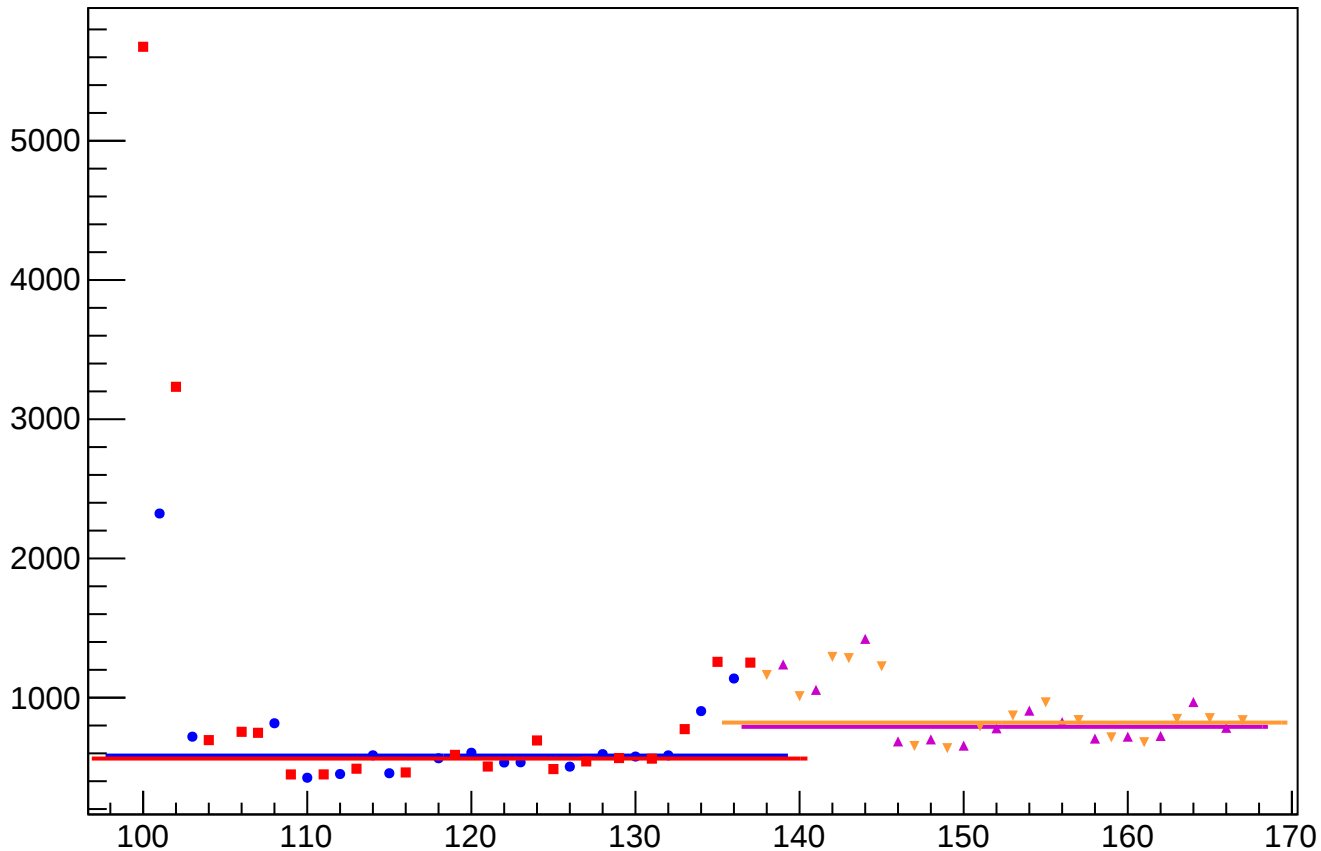
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 66.894 ± 170.755 χ^2/NDF : 29.3/30

Out: -296.809 ± 165.462 χ^2/NDF : 75.2/34

All: -120.682 ± 118.826 χ^2/NDF : 106.8/65

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 821.104+/-0.172 χ^2/NDF : 1034630.7/15

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 790.542+/-0.173 χ^2/NDF : 907794.9/13

Left: 805.888+/-0.122 χ^2/NDF : 1958155.7/29

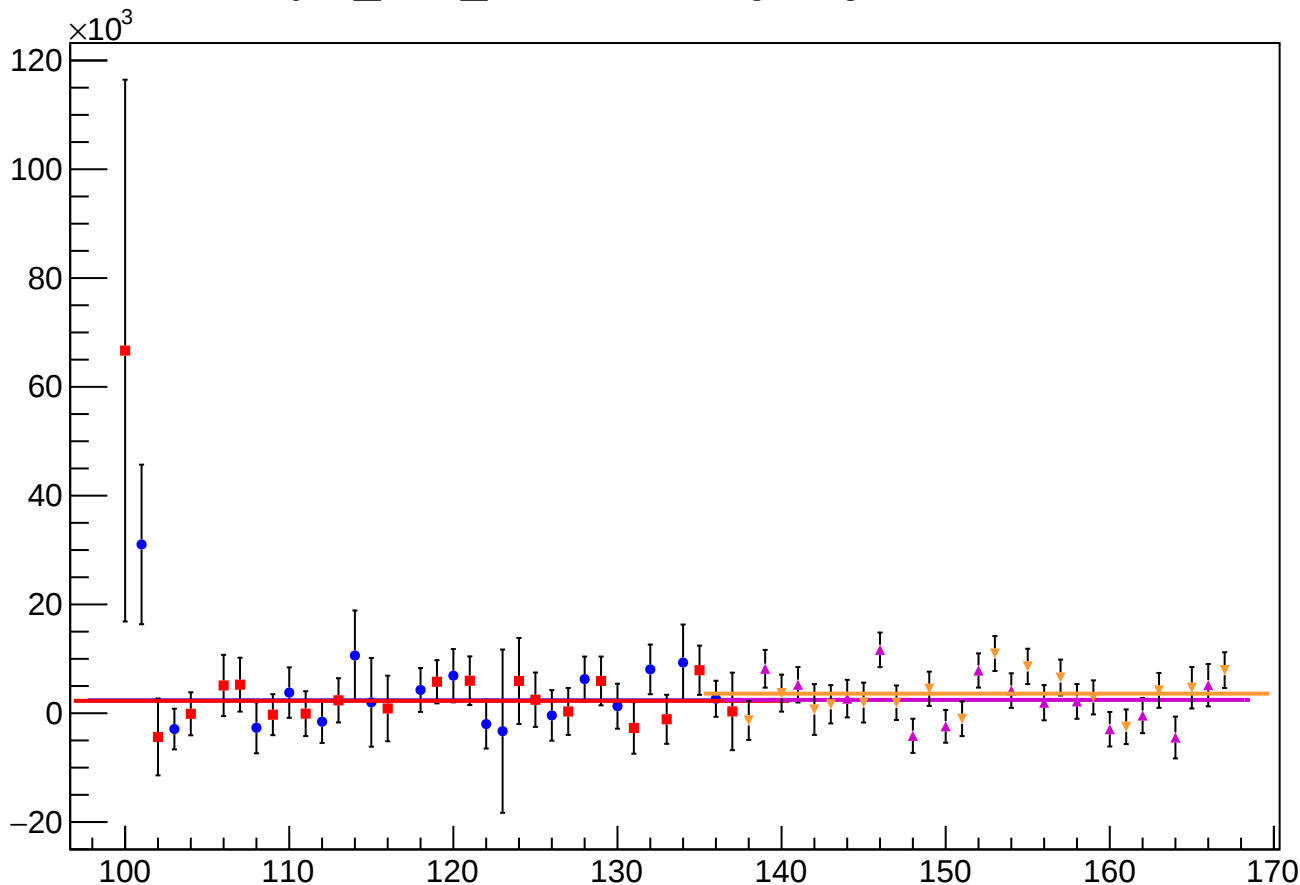
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 685.020+/-0.121 χ^2/NDF : 3075205.7/30

Out: 682.343+/-0.117 χ^2/NDF : 3887077.2/34

All: 683.639+/-0.084 χ^2/NDF : 6962536.4/65

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3602.117+/-842.735 χ^2/NDF : 19.2/15

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 2454.945+/-879.483 χ^2/NDF : 29.5/13

Left: 3052.997+/-608.480 χ^2/NDF : 49.6/29

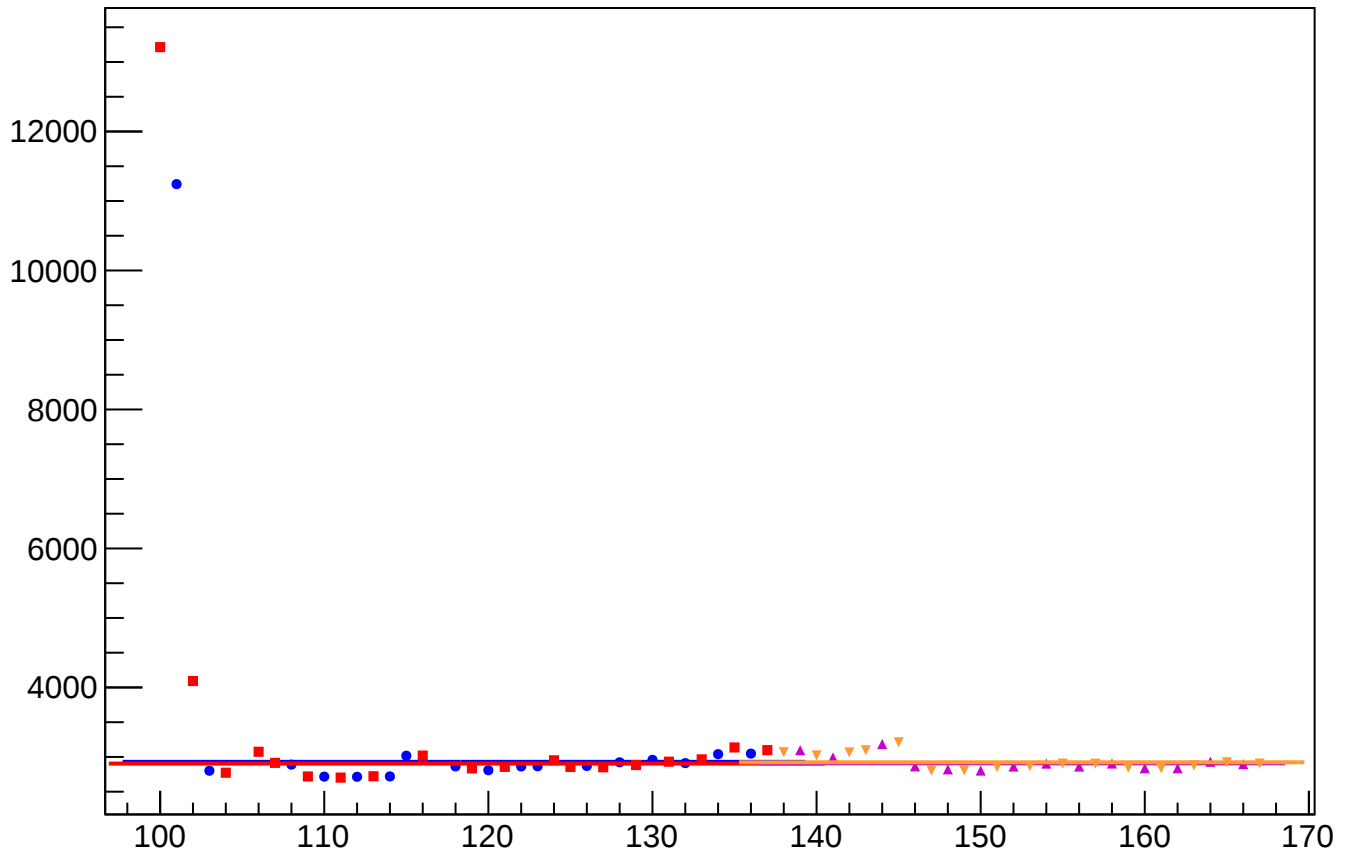
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 2421.308+/-700.814 χ^2/NDF : 44.6/30

Out: 3118.690+/-671.572 χ^2/NDF : 30.4/34

All: 2784.852+/-484.881 χ^2/NDF : 75.5/65

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2922.910+/-0.596 χ^2/NDF : 34432.7/15

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2908.130+/-0.622 χ^2/NDF : 27428.0/13

Left: 2915.835+/-0.430 χ^2/NDF : 62155.2/29

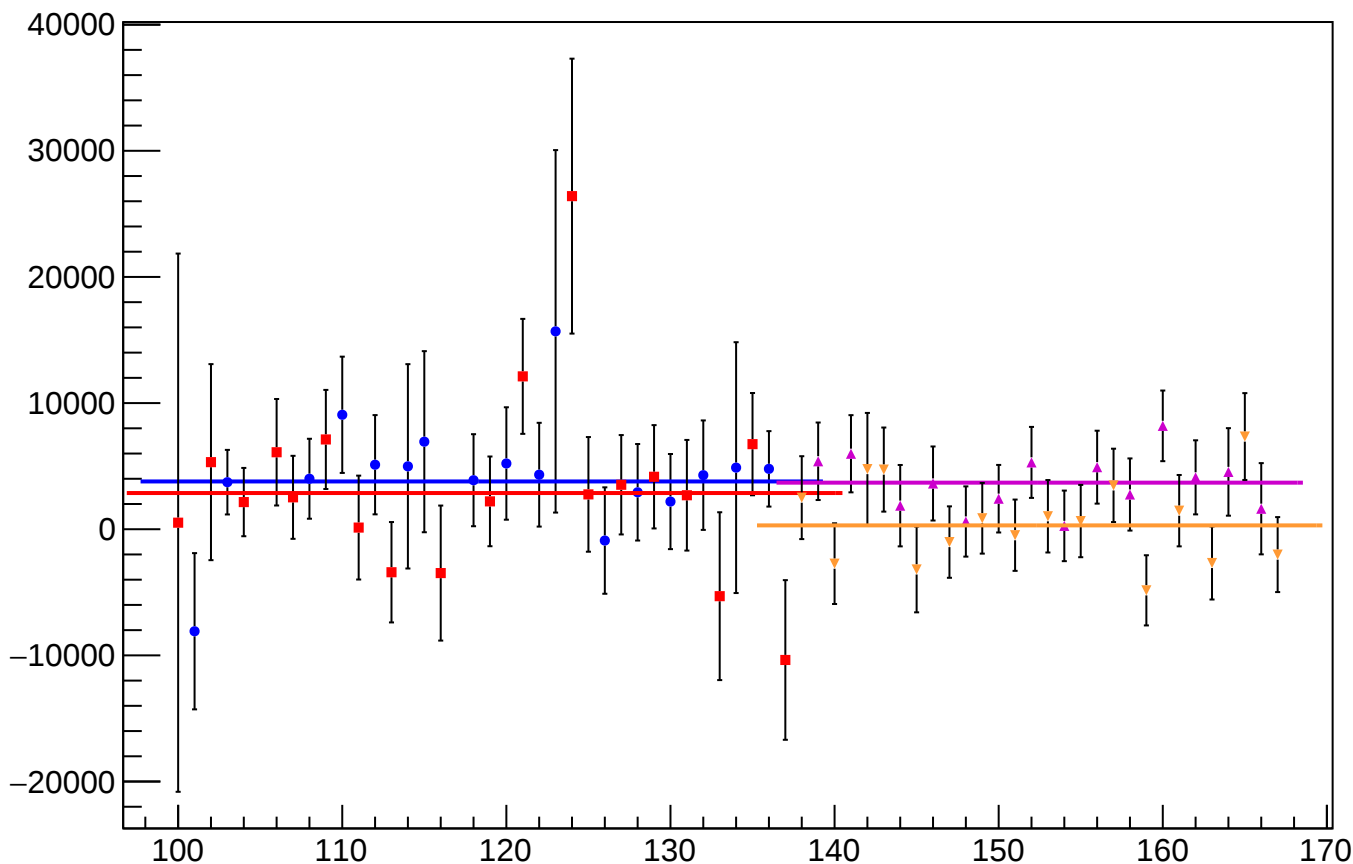
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2915.987+/-0.496 χ^2/NDF : 690494.3/30

Out: 2916.217+/-0.475 χ^2/NDF : 204067.1/34

All: 2916.107+/-0.343 χ^2/NDF : 894561.5/65

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 304.321 $\pm$ 761.013 χ^2/NDF : 16.2/15

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3691.765 $\pm$ 792.411 χ^2/NDF : 7.7/13

Left: 1929.603 $\pm$ 548.882 χ^2/NDF : 33.5/29

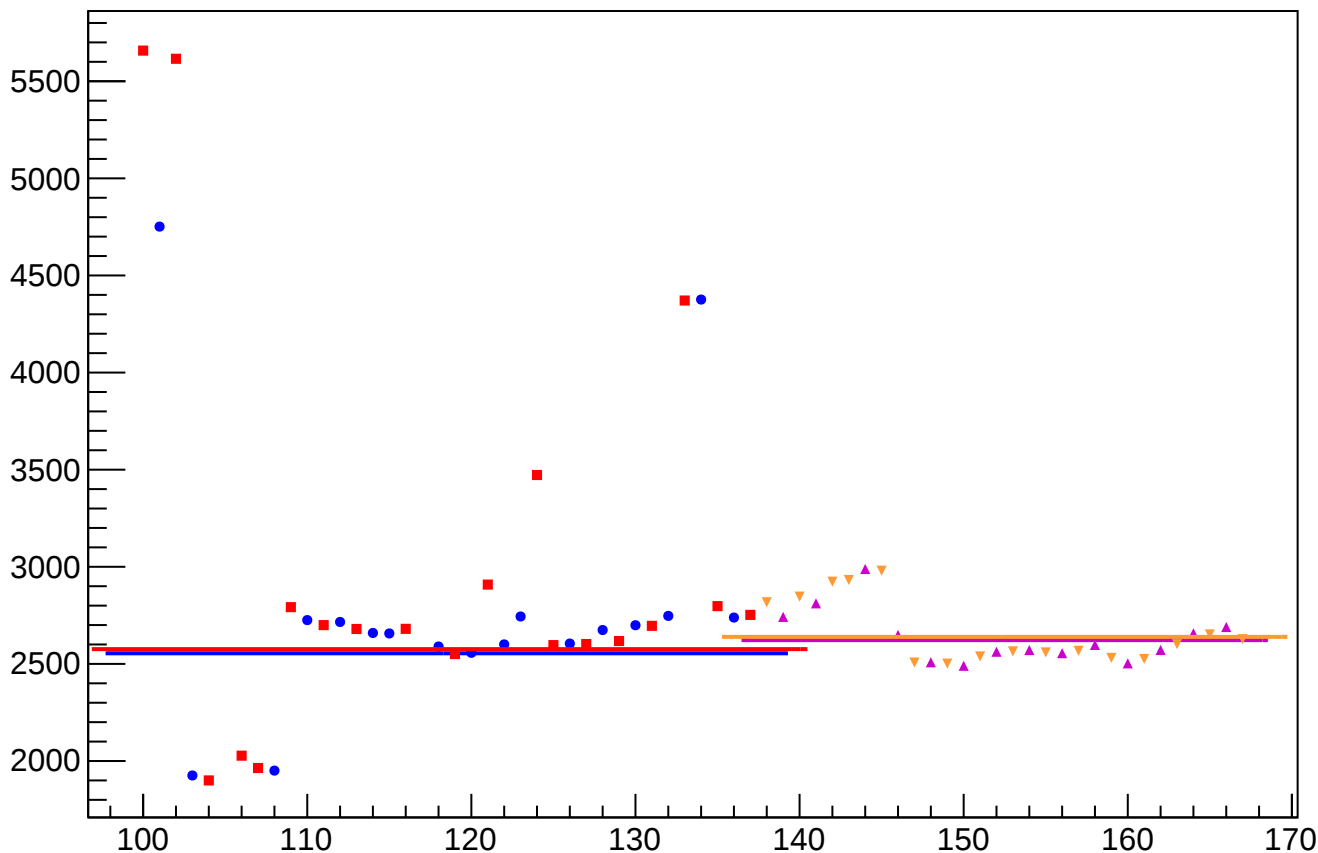
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3728.456 $\pm$ 622.992 χ^2/NDF : 15.5/30

Out: 1241.553 $\pm$ 606.251 χ^2/NDF : 42.4/34

All: 2451.141 $\pm$ 434.482 χ^2/NDF : 66.1/65

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.203 $\pm$ 0.538 χ^2 /NDF: 80439.6/15

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2622.367 $\pm$ 0.560 χ^2 /NDF: 52835.5/13

Left: 2631.125 $\pm$ 0.388 χ^2 /NDF: 133744.8/29

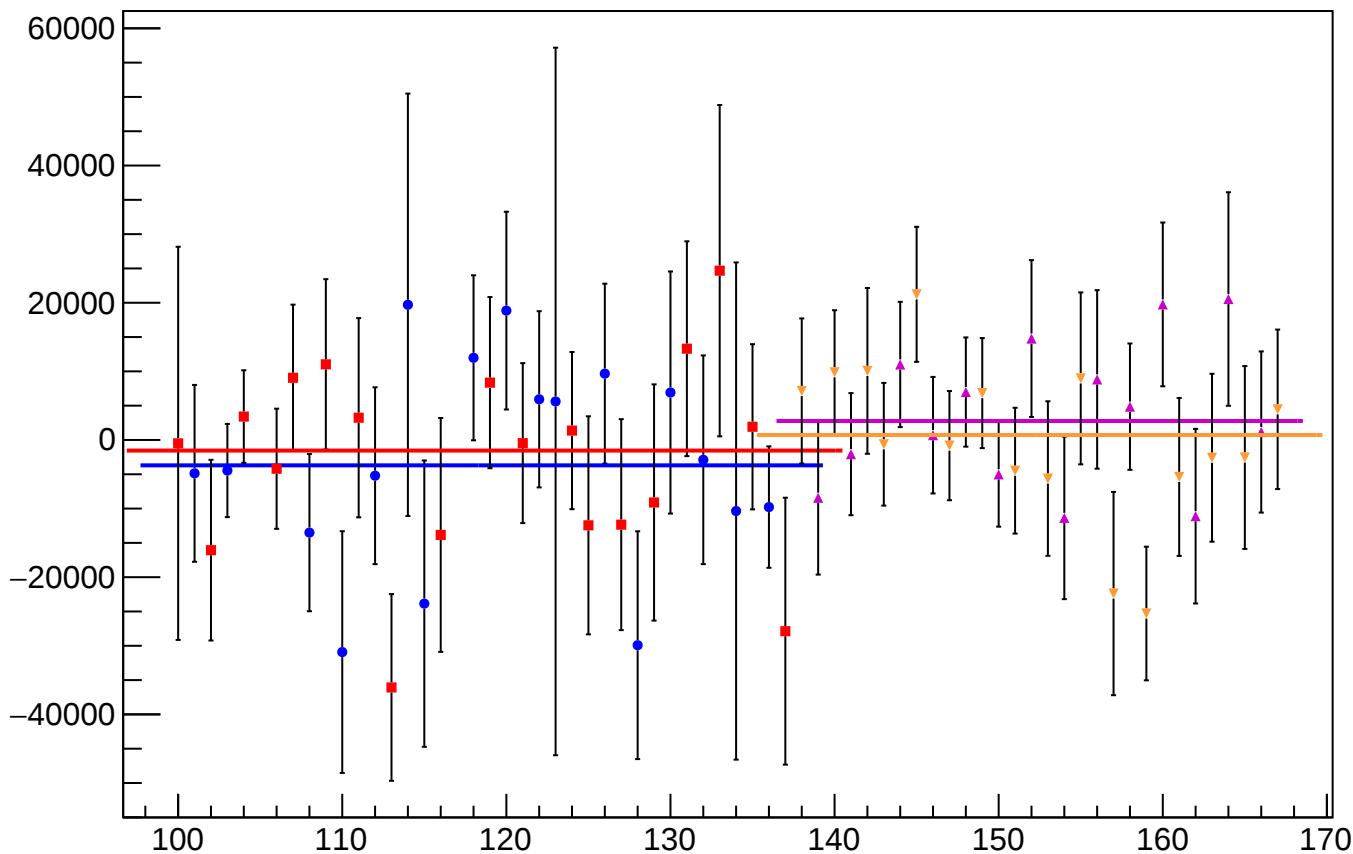
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2596.463 $\pm$ 0.441 χ^2 /NDF: 595057.9/30

Out: 2616.127 $\pm$ 0.429 χ^2 /NDF: 850626.9/34

All: 2606.564 $\pm$ 0.307 χ^2 /NDF: 1446708.4/65

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 726.907 $\pm$ 2576.050 χ^2 /NDF: 18.1/15

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 2763.861 $\pm$ 2706.636 χ^2 /NDF: 10.8/13

Left: 1695.063 $\pm$ 1866.000 χ^2 /NDF: 29.3/29

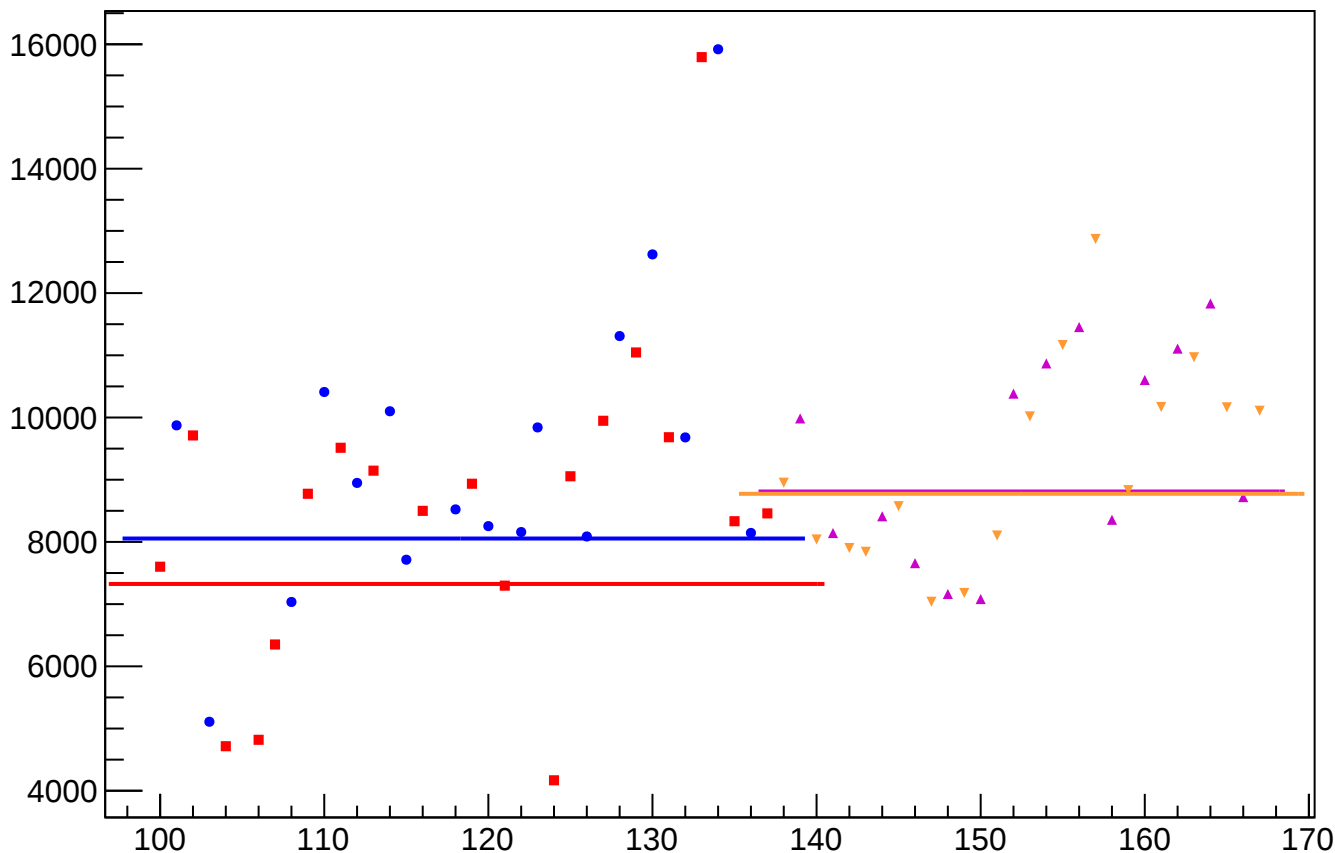
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: 85.756 $\pm$ 2071.327 χ^2 /NDF: 27.0/30

Out: -276.270 $\pm$ 1925.009 χ^2 /NDF: 35.3/34

All: -108.494 $\pm$ 1410.080 χ^2 /NDF: 62.3/65

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8773.675 $\pm$ 1.822 χ^2 /NDF: 623653.6/15

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8810.564 $\pm$ 1.914 χ^2 /NDF: 633935.8/13

Left: 8791.209 $\pm$ 1.319 χ^2 /NDF: 1257784.4/29

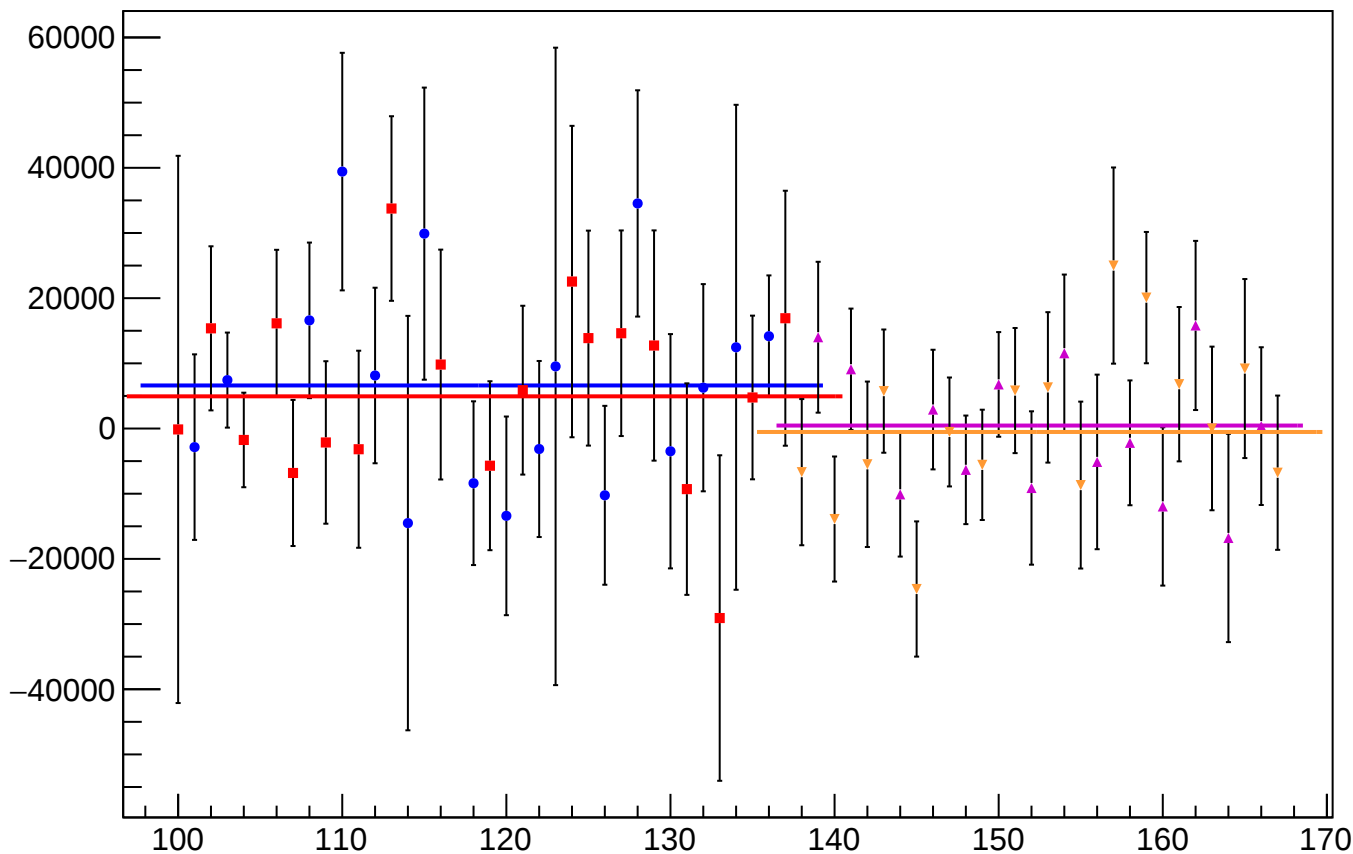
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8497.402 $\pm$ 1.465 χ^2 /NDF: 1519315.6/30

Out: 8133.649 $\pm$ 1.361 χ^2 /NDF: 2239377.1/34

All: 8302.225 $\pm$ 0.997 χ^2 /NDF: 3791788.0/65

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -528.334+/-2687.618 χ^2/NDF : 18.0/15

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 456.857+/-2819.397 χ^2/NDF : 10.2/13

Left: -59.300+/-1945.352 χ^2/NDF : 28.2/29

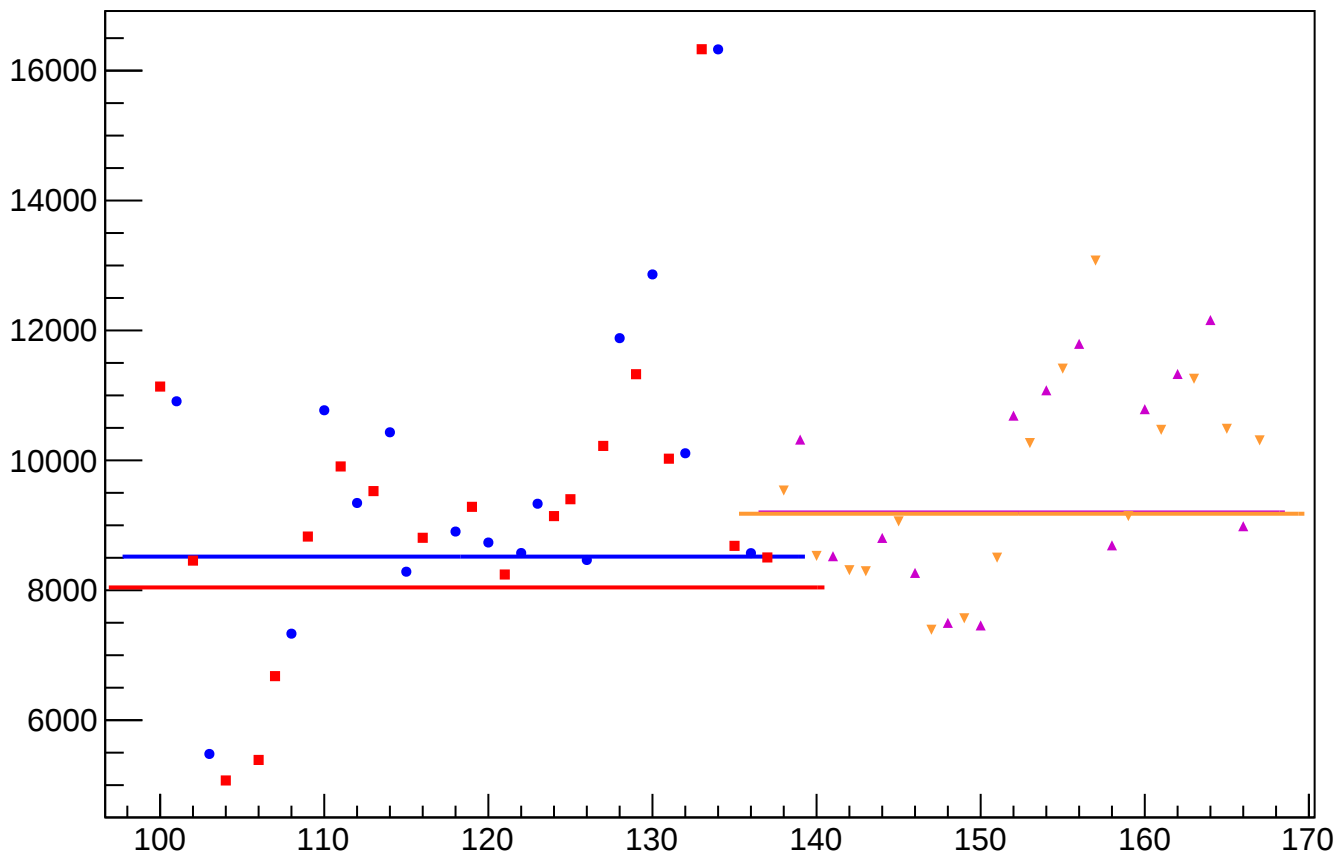
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 2966.500+/-2169.213 χ^2/NDF : 26.8/30

Out: 1759.850+/-2049.403 χ^2/NDF : 33.3/34

All: 2328.933+/-1489.702 χ^2/NDF : 60.3/65

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9178.372+/-1.900 χ^2/NDF : 539839.3/15

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9198.055+/-1.994 χ^2/NDF : 549337.6/13

Left: 9187.743+/-1.376 χ^2/NDF : 1089228.1/29

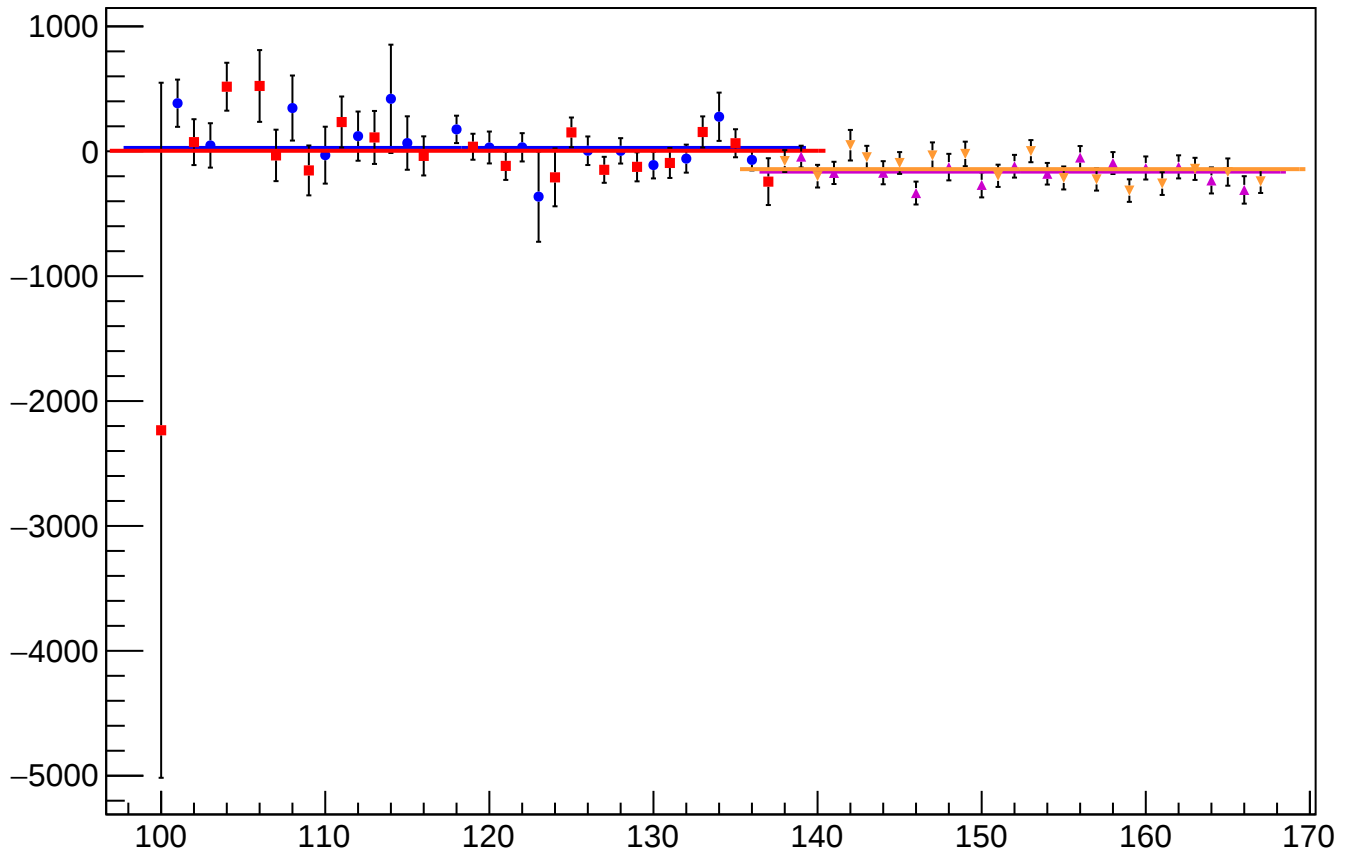
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8920.677+/-1.534 χ^2/NDF : 1368774.4/30

Out: 8703.469+/-1.449 χ^2/NDF : 1642605.6/34

All: 8805.907+/-1.053 χ^2/NDF : 3021975.6/65

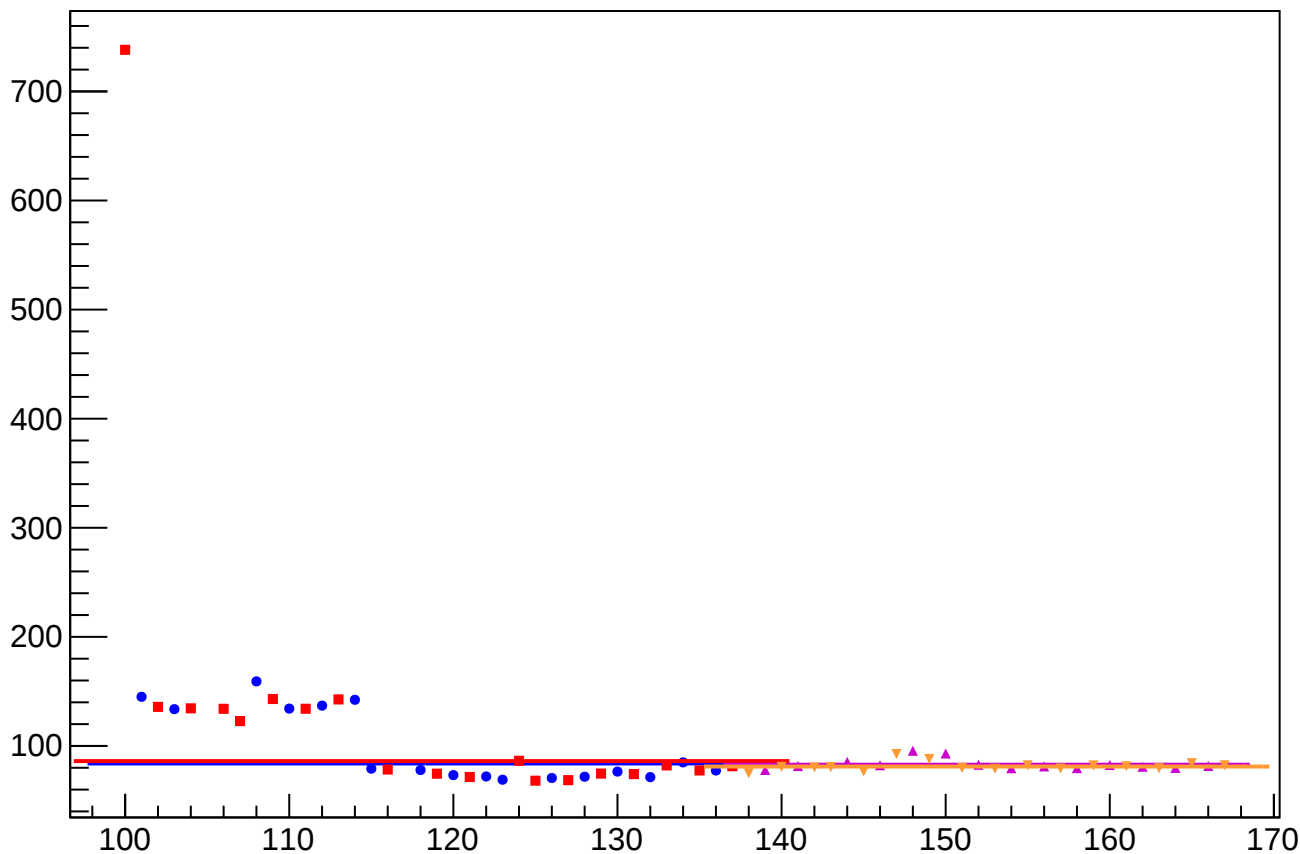
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -143.114 ± 23.382 $\chi^2/\text{NDF}: 18.2/15$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -162.877 ± 25.055 $\chi^2/\text{NDF}: 11.6/13$

Left: -152.314 ± 17.095 $\chi^2/\text{NDF}: 30.1/29$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -95.194 ± 20.091 $\chi^2/\text{NDF}: 46.5/30$
Out: -95.570 ± 19.237 $\chi^2/\text{NDF}: 55.6/34$
All: -95.390 ± 13.895 $\chi^2/\text{NDF}: 102.1/65$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.137+/-0.017 χ^2/NDF : 54648.6/15

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 82.806+/-0.018 χ^2/NDF : 66848.5/13

Left: 81.914+/-0.012 χ^2/NDF : 126237.8/29

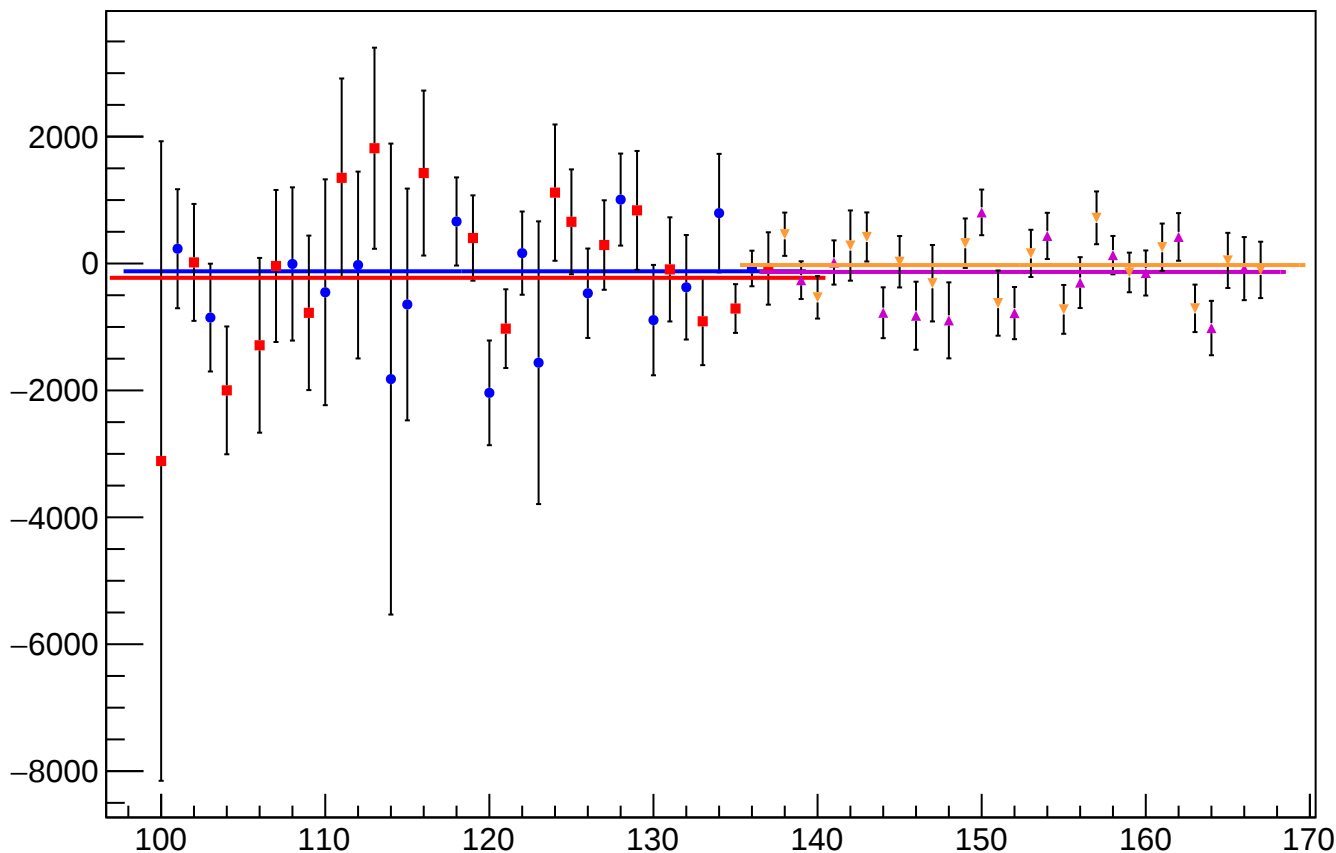
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.218+/-0.014 χ^2/NDF : 1028619.2/30

Out: 82.744+/-0.014 χ^2/NDF : 1220092.2/34

All: 82.971+/-0.010 χ^2/NDF : 2249292.8/65

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -24.250+/-99.290 χ^2/NDF : 19.2/15

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -133.155+/-102.654 χ^2/NDF : 25.3/13

Left: -76.889+/-71.368 χ^2/NDF : 45.1/29

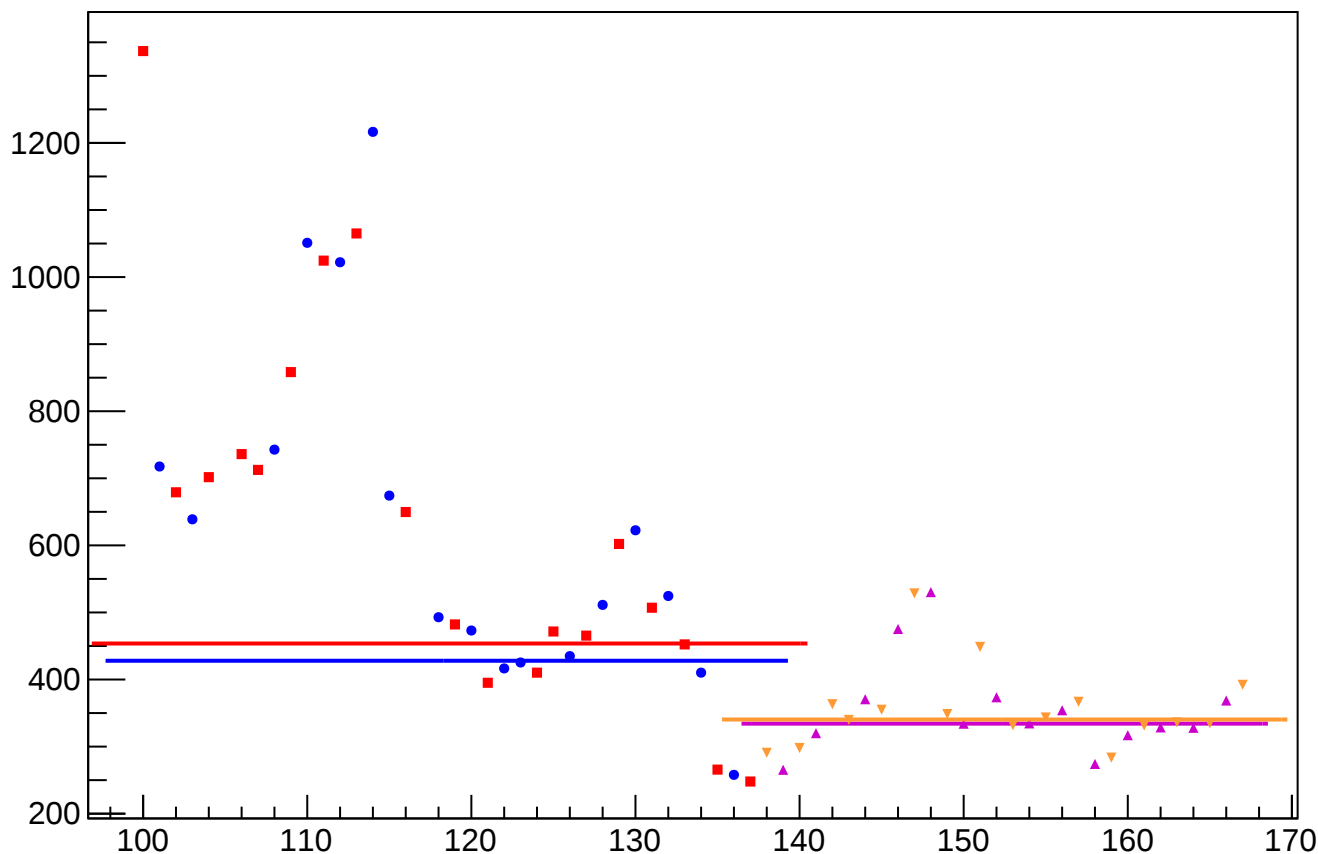
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -130.509+/-89.122 χ^2/NDF : 38.4/30

Out: -69.249+/-87.484 χ^2/NDF : 38.4/34

All: -99.311+/-62.431 χ^2/NDF : 77.0/65

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 340.377 $\pm$ 0.070 χ^2 /NDF: 469289.4/15

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 334.249 $\pm$ 0.073 χ^2 /NDF: 597027.5/13

Left: 337.415 $\pm$ 0.050 χ^2 /NDF: 1069999.3/29

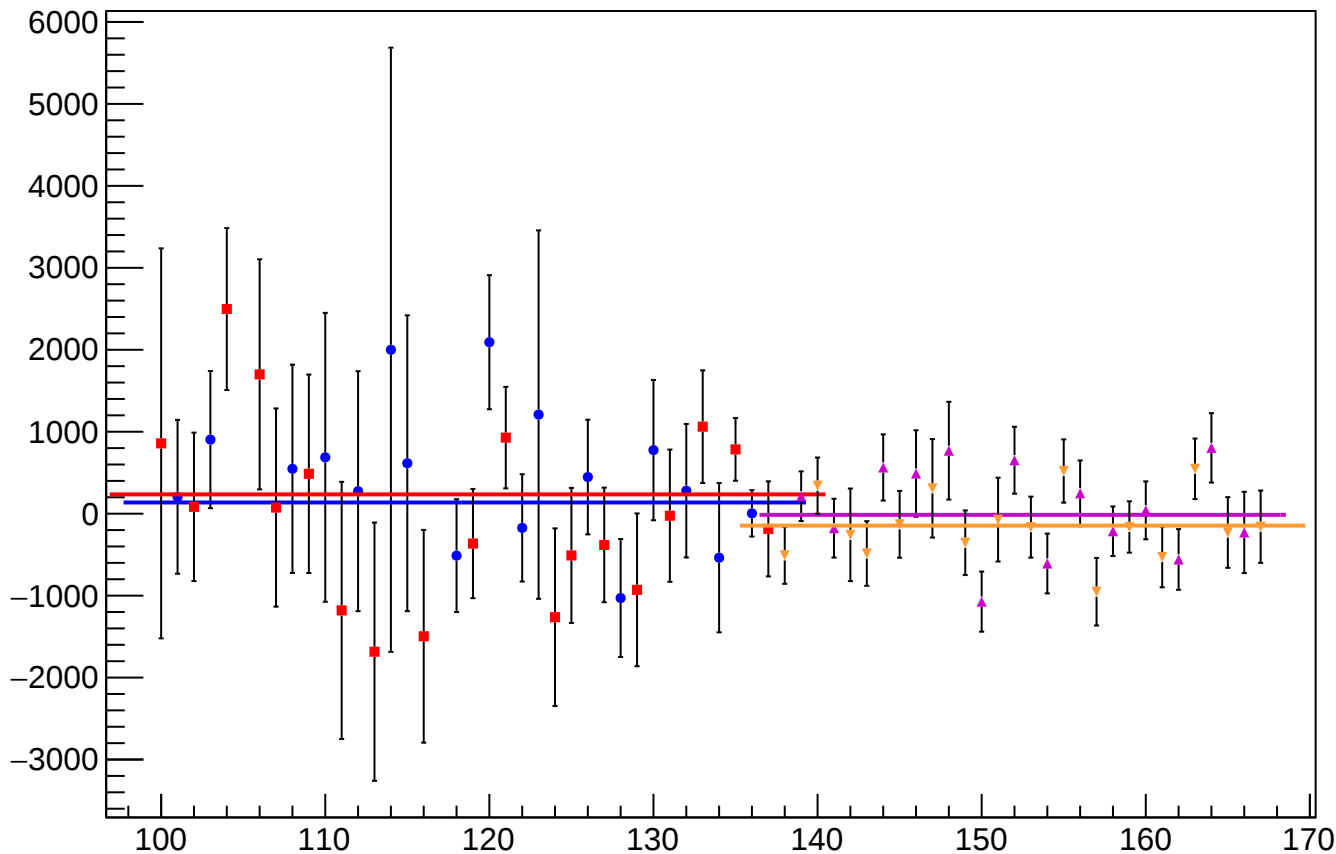
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 357.334 $\pm$ 0.063 χ^2 /NDF: 3069958.0/30

Out: 365.726 $\pm$ 0.062 χ^2 /NDF: 3186576.4/34

All: 361.608 $\pm$ 0.044 χ^2 /NDF: 6265564.9/65

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -145.236 $\pm$ 99.713 χ^2 /NDF:16.2/15

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -14.060 $\pm$ 103.025 χ^2 /NDF:26.1/13

Left: -81.791 $\pm$ 71.650 χ^2 /NDF: 43.1/29

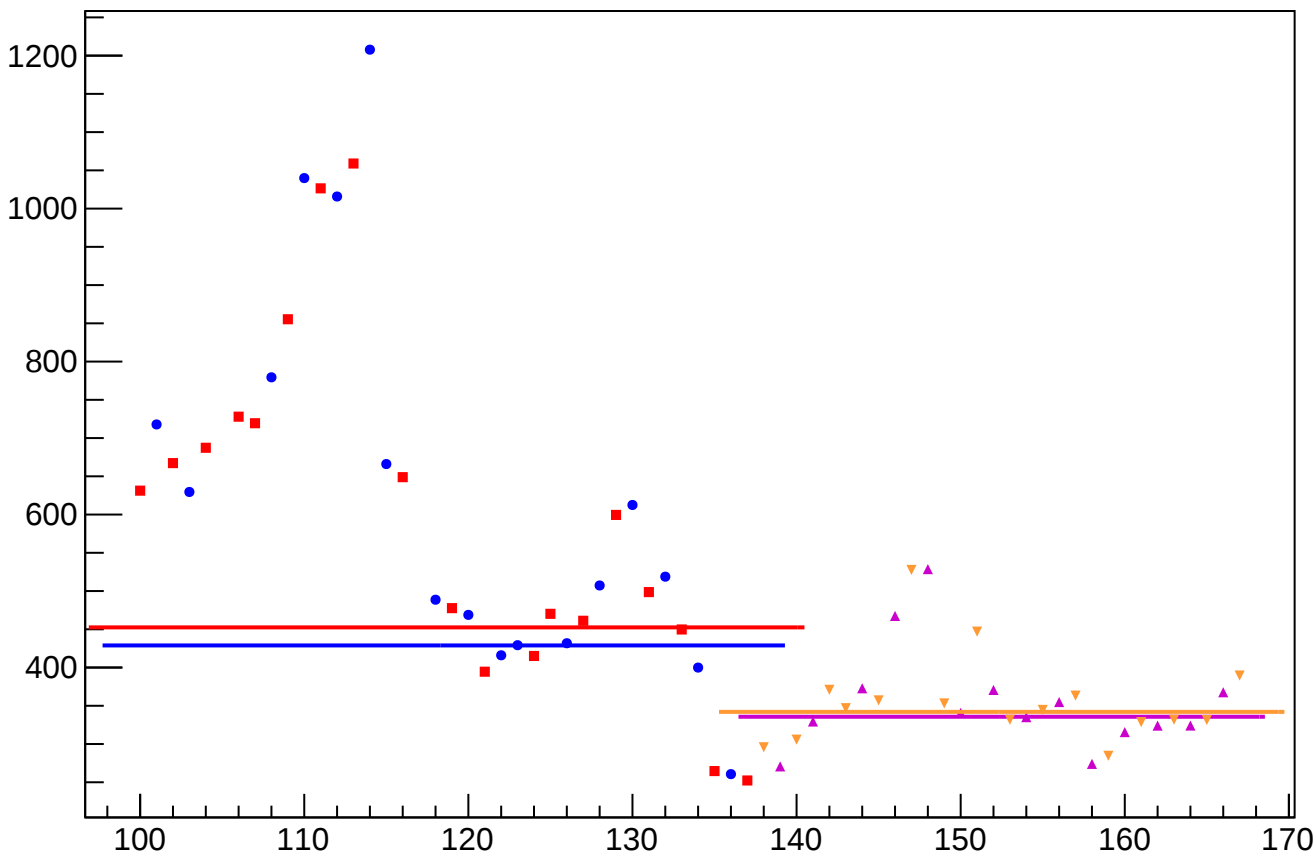
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 23.291 $\pm$ 89.367 χ^2 /NDF:39.2/30

Out: -58.862 $\pm$ 87.670 χ^2 /NDF:41.4/34

All: -18.573 $\pm$ 62.584 χ^2 /NDF: 81.0/65

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 342.045 $\pm$ 0.071 χ^2 /NDF: 445392.8/15

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 335.654 $\pm$ 0.073 χ^2 /NDF: 564201.9/13

Left: 338.954 $\pm$ 0.051 χ^2 /NDF: 1013568.5/29

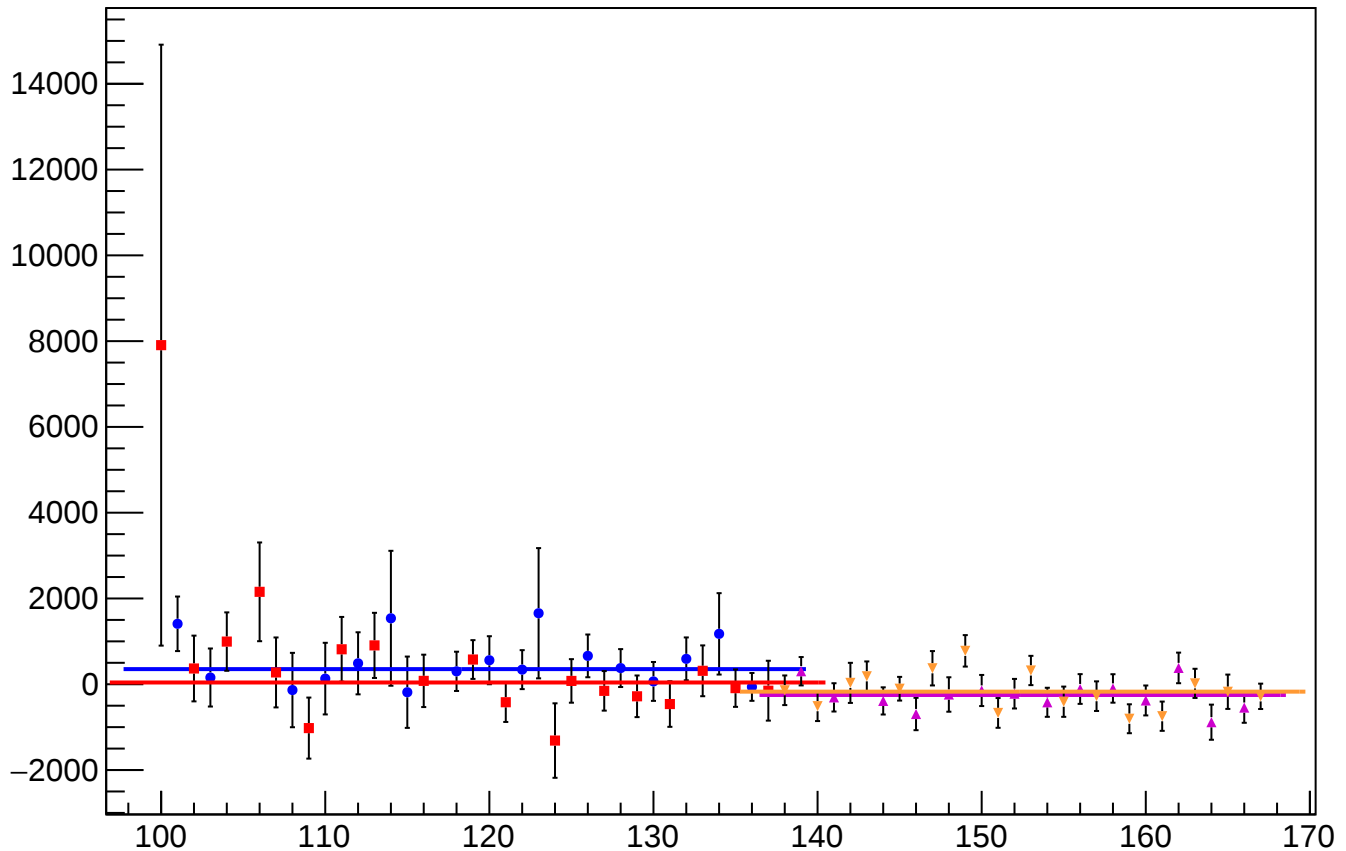
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 358.736 $\pm$ 0.063 χ^2 /NDF: 2980304.3/30

Out: 367.111 $\pm$ 0.062 χ^2 /NDF: 3044345.6/34

All: 363.004 $\pm$ 0.044 χ^2 /NDF: 6033599.8/65

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -172.401 ± 86.581 χ^2/NDF : 22.3/15

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -250.127 ± 93.813 χ^2/NDF : 11.5/13

Left: -208.154 ± 63.625 χ^2/NDF : 34.2/29

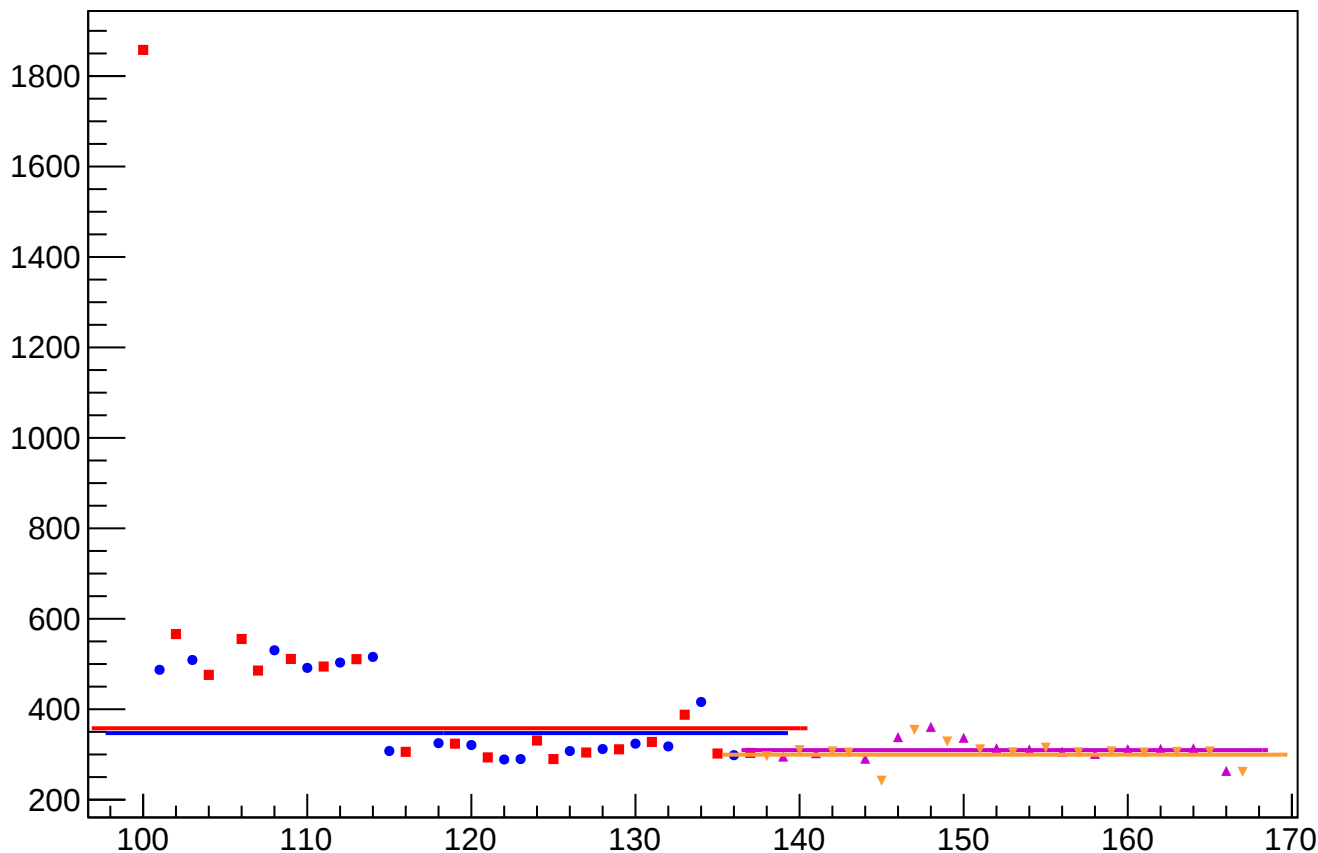
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -58.189 ± 77.458 χ^2/NDF : 33.2/30

Out: -112.724 ± 73.490 χ^2/NDF : 42.2/34

All: -86.889 ± 53.313 χ^2/NDF : 75.6/65

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 299.575+/-0.061 χ^2/NDF :182166.7/15

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 309.624+/-0.066 χ^2/NDF :103448.6/13

Left: 304.197+/-0.045 χ^2/NDF : 298008.1/29

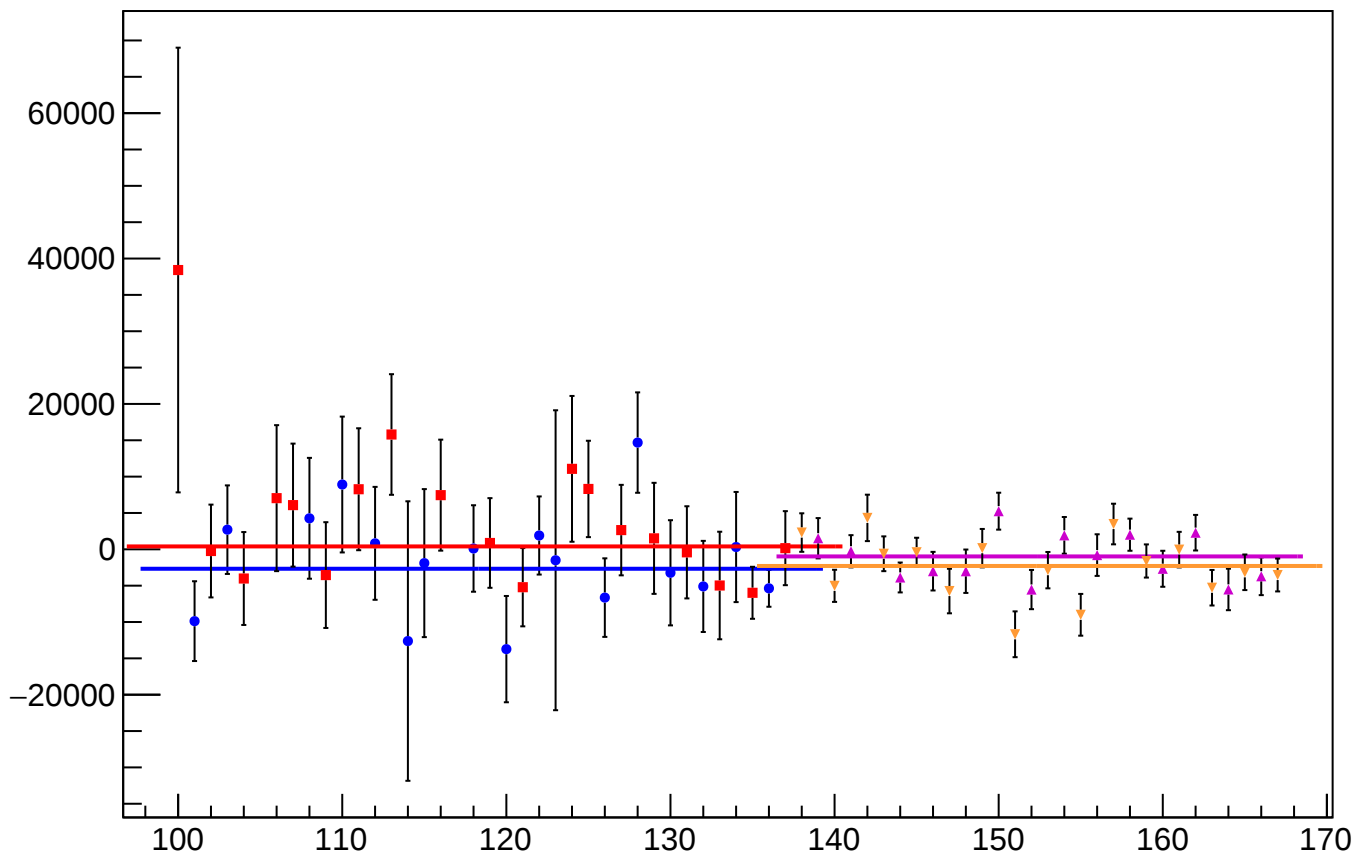
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 321.609+/-0.055 χ^2/NDF :824914.2/30

Out: 315.895+/-0.052 χ^2/NDF :1288009.4/34

All: 318.602+/-0.038 χ^2/NDF : 2118651.6/65

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2290.445+/-629.878 χ^2/NDF : 33.9/15

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -977.326+/-673.950 χ^2/NDF : 21.9/13

Left: -1678.221+/-460.183 χ^2/NDF : 57.8/29

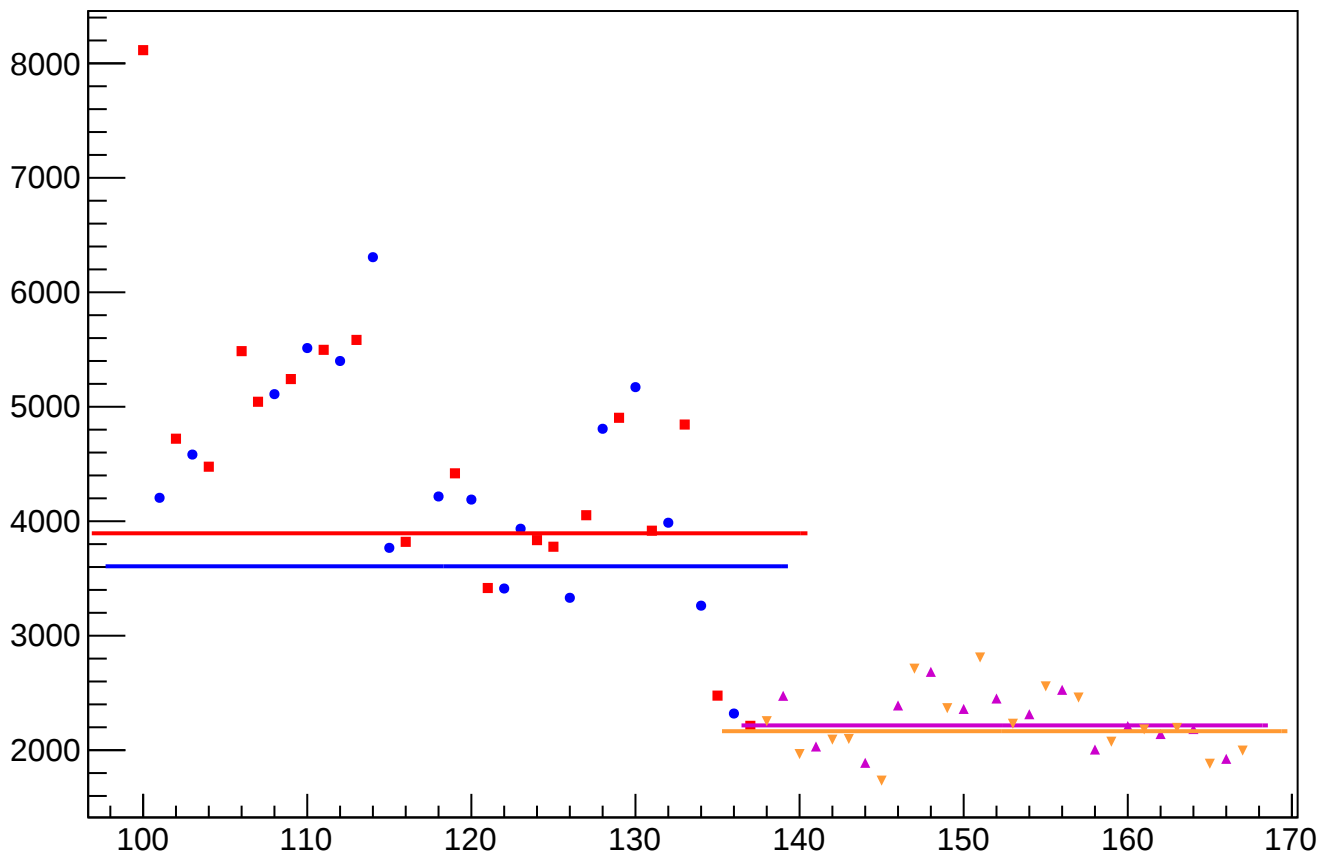
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1276.646+/-611.621 χ^2/NDF : 39.7/30

Out: -1894.585+/-581.667 χ^2/NDF : 52.5/34

All: -1601.117+/-421.493 χ^2/NDF : 92.7/65

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2165.800+/-0.445 χ^2/NDF : 376083.2/15

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2216.437+/-0.477 χ^2/NDF : 233346.3/13

Left: 2189.409+/-0.325 χ^2/NDF : 615456.0/29

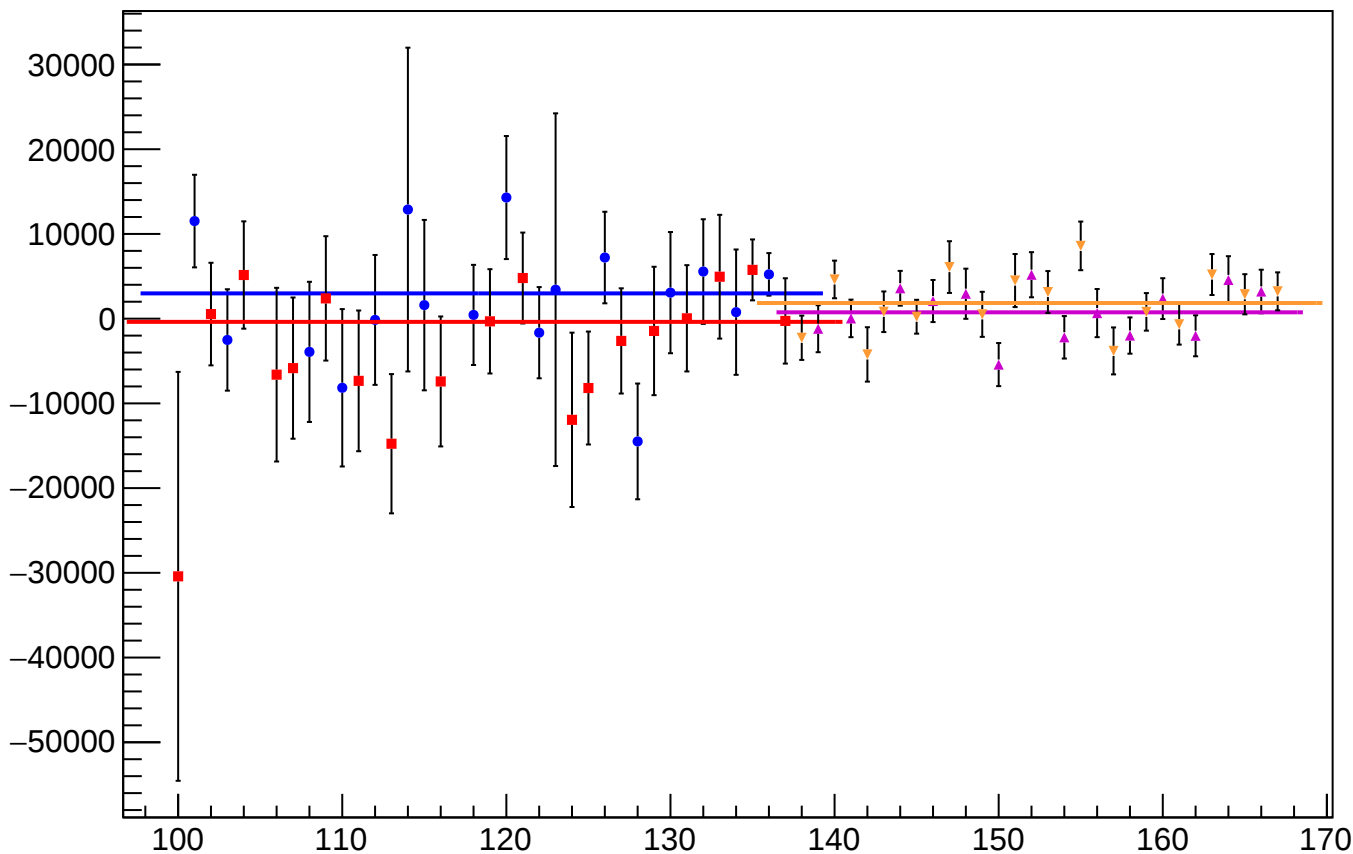
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2461.637+/-0.432 χ^2/NDF : 2826534.6/30

Out: 2420.315+/-0.411 χ^2/NDF : 3626899.9/34

All: 2439.939+/-0.298 χ^2/NDF : 6458228.3/65

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1848.952 $\pm$ 624.734 χ^2 /NDF:25.1/15

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 748.852 $\pm$ 664.413 χ^2 /NDF:19.5/13

Left: 1332.730 $\pm$ 455.135 χ^2 /NDF: 46.1/29

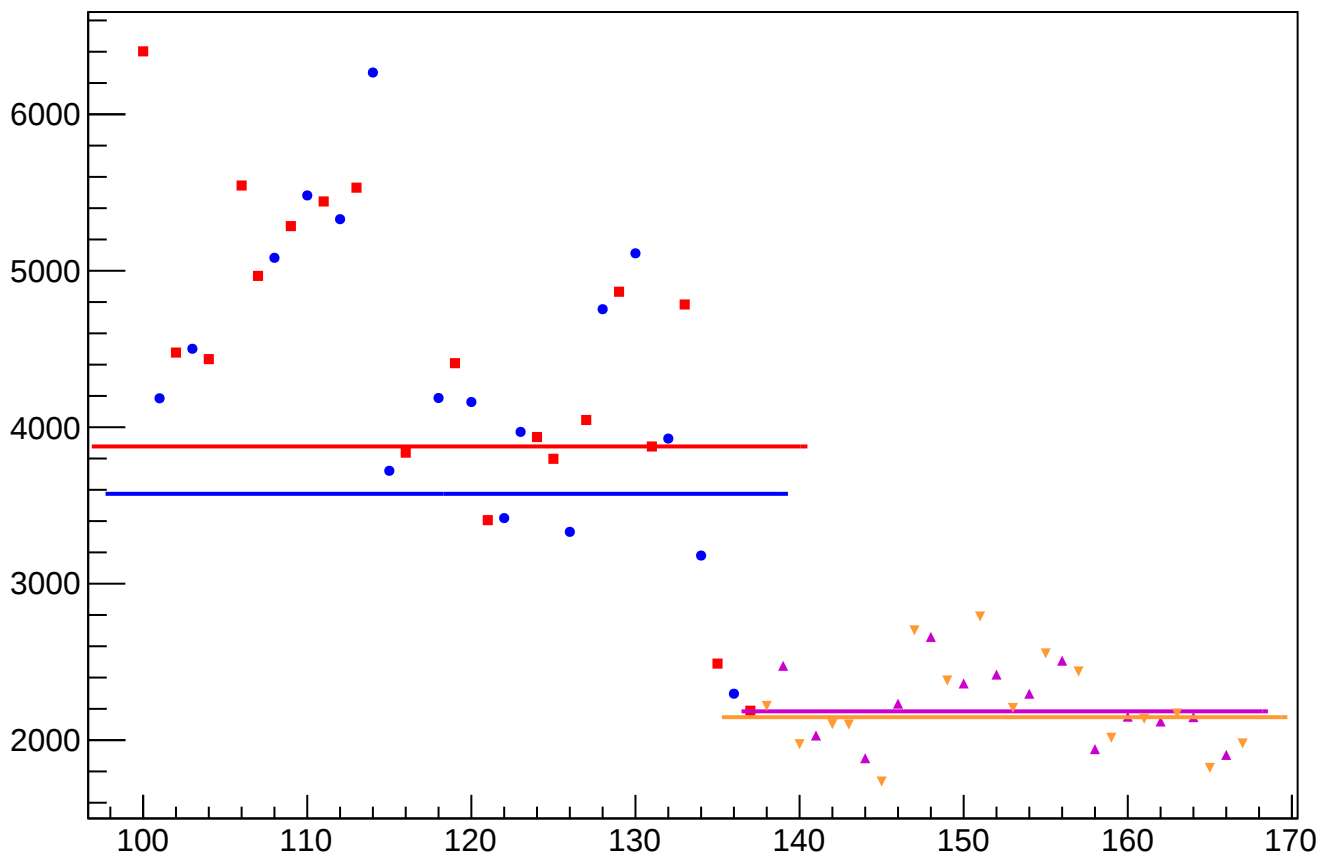
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1139.474 $\pm$ 603.559 χ^2 /NDF:39.0/30

Out: 1522.601 $\pm$ 577.132 χ^2 /NDF:42.0/34

All: 1339.609 $\pm$ 417.123 χ^2 /NDF: 81.2/65

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2146.722 $\pm$ 0.442 χ^2 /NDF: 385159.1/15

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2184.107 $\pm$ 0.470 χ^2 /NDF: 233316.4/13

Left: 2164.265 $\pm$ 0.322 χ^2 /NDF: 621836.2/29

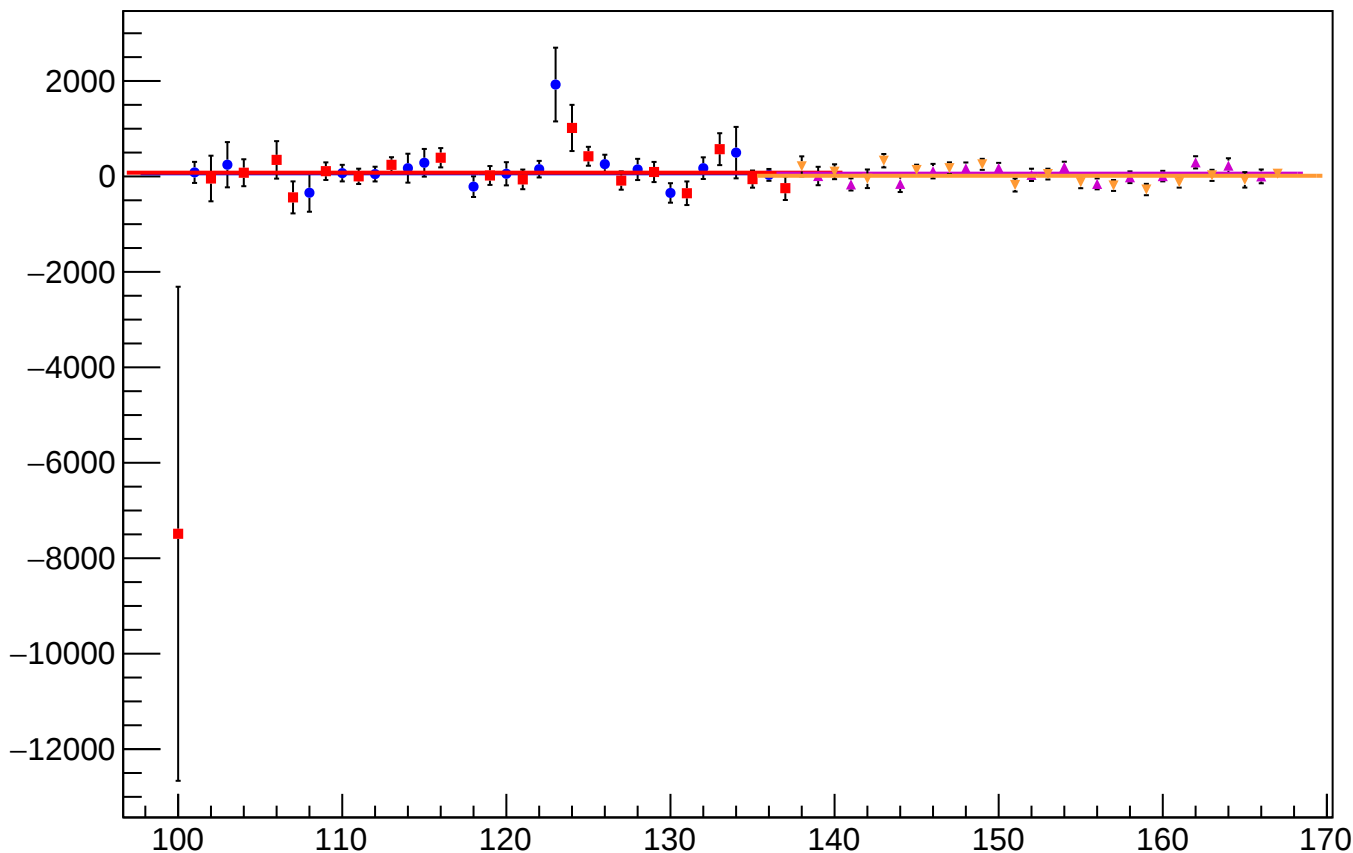
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2427.116 $\pm$ 0.427 χ^2 /NDF: 2855294.7/30

Out: 2400.377 $\pm$ 0.408 χ^2 /NDF: 3624488.2/34

All: 2413.148 $\pm$ 0.295 χ^2 /NDF: 6481833.4/65

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 13.899+/-31.522 χ^2/NDF : 27.7/15

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 58.052+/-34.670 χ^2/NDF : 17.3/13

Left: 33.881+/-23.323 χ^2/NDF : 45.8/29

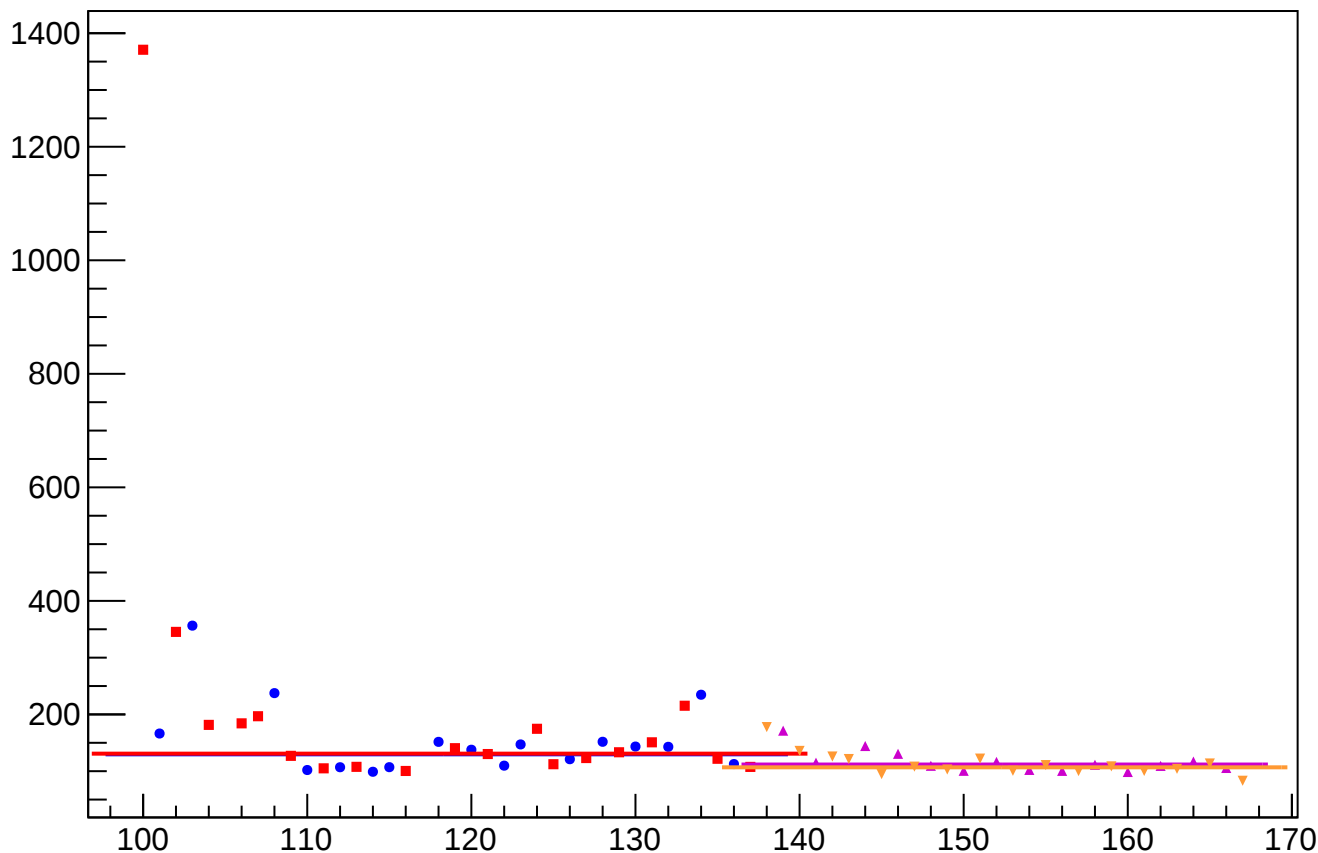
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 60.219+/-28.964 χ^2/NDF : 33.0/30

Out: 31.147+/-27.003 χ^2/NDF : 53.1/34

All: 44.665+/-19.751 χ^2/NDF : 86.6/65

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2/NDF : 989682.4/16

Left Out: 106.798 $\pm$ 0.022 χ^2/NDF : 539975.8/15

Right Out: 130.878 $\pm$ 0.037 χ^2/NDF : 1042325.1/18

Left In: 111.719 $\pm$ 0.025 χ^2/NDF : 387744.9/13

Left: 109.025 $\pm$ 0.016 χ^2/NDF : 949780.4/29

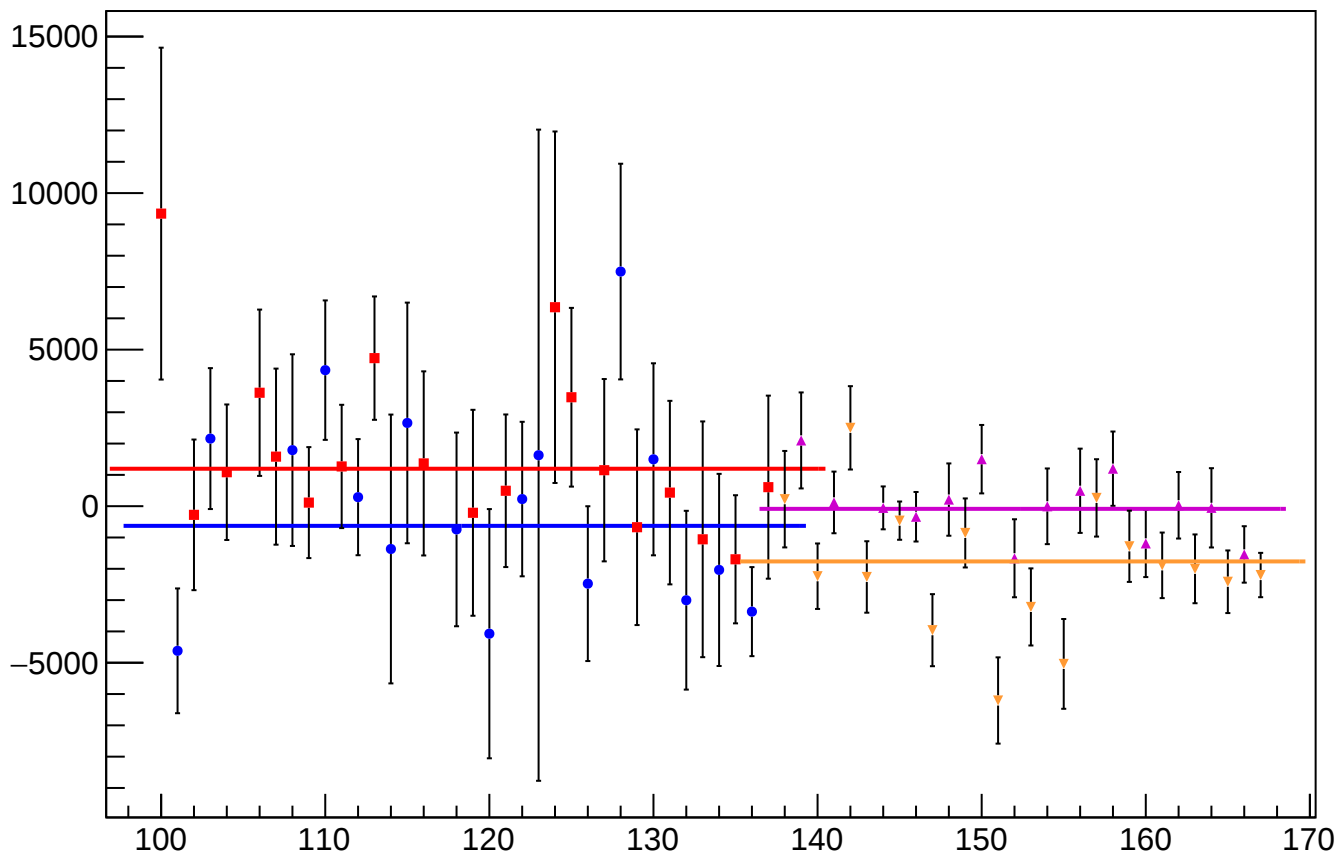
Right: 130.291 $\pm$ 0.026 χ^2/NDF : 2032513.5/35

In: 117.149 $\pm$ 0.020 χ^2/NDF : 1539862.0/30

Out: 113.207 $\pm$ 0.019 χ^2/NDF : 1892943.7/34

All: 115.040 $\pm$ 0.014 χ^2/NDF : 3452626.6/65

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1764.488+/-260.278 χ^2/NDF : 41.9/15

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: -85.187+/-277.678 χ^2/NDF : 11.0/13

Left: -979.098+/-189.898 χ^2/NDF : 72.4/29

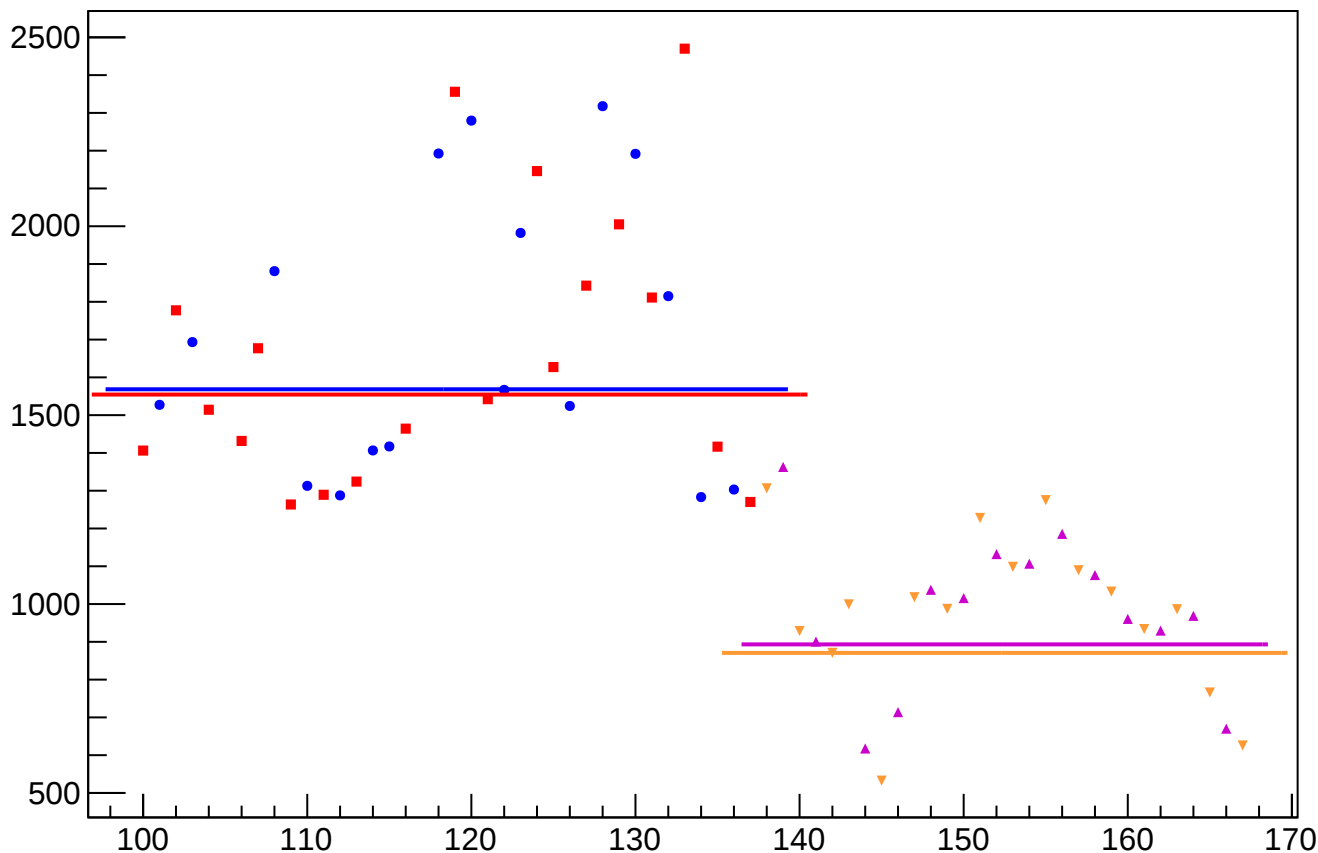
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -175.544+/-253.524 χ^2/NDF : 35.9/30

Out: -1289.863+/-238.504 χ^2/NDF : 74.4/34

All: -766.686+/-173.715 χ^2/NDF : 120.6/65

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 870.721+/-0.184 χ^2/NDF : 1615483.3/15

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 893.247+/-0.196 χ^2/NDF : 1088933.9/13

Left: 881.256+/-0.134 χ^2/NDF : 2711423.2/29

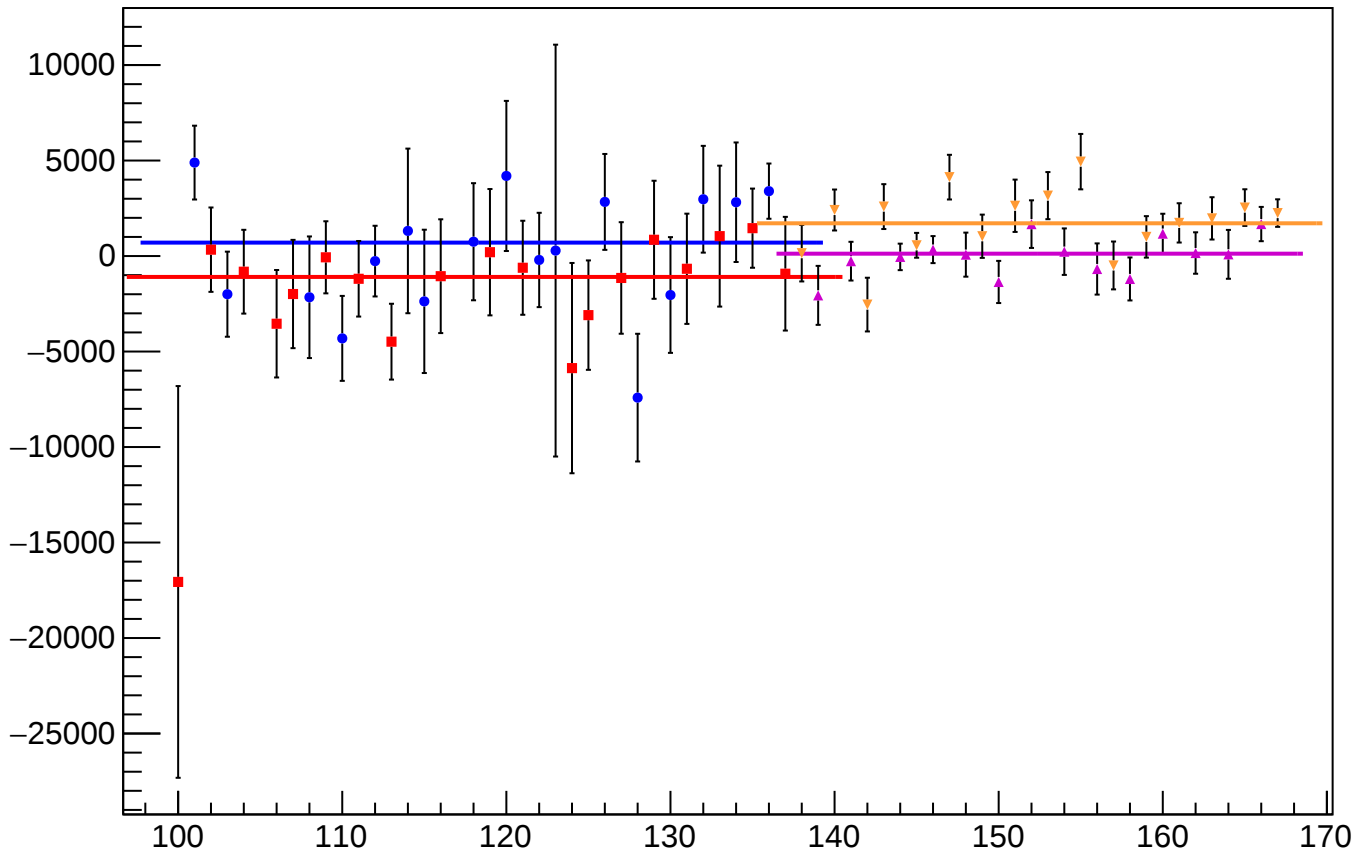
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1005.611+/-0.179 χ^2/NDF : 3591144.6/30

Out: 980.342+/-0.169 χ^2/NDF : 4340522.5/34

All: 992.206+/-0.123 χ^2/NDF : 7942207.5/65

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1714.625 $\pm$ 263.928 χ^2 /NDF:30.7/15

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 123.585 $\pm$ 273.925 χ^2 /NDF:11.4/13

Left: 948.666 $\pm$ 190.061 χ^2 /NDF: 59.6/29

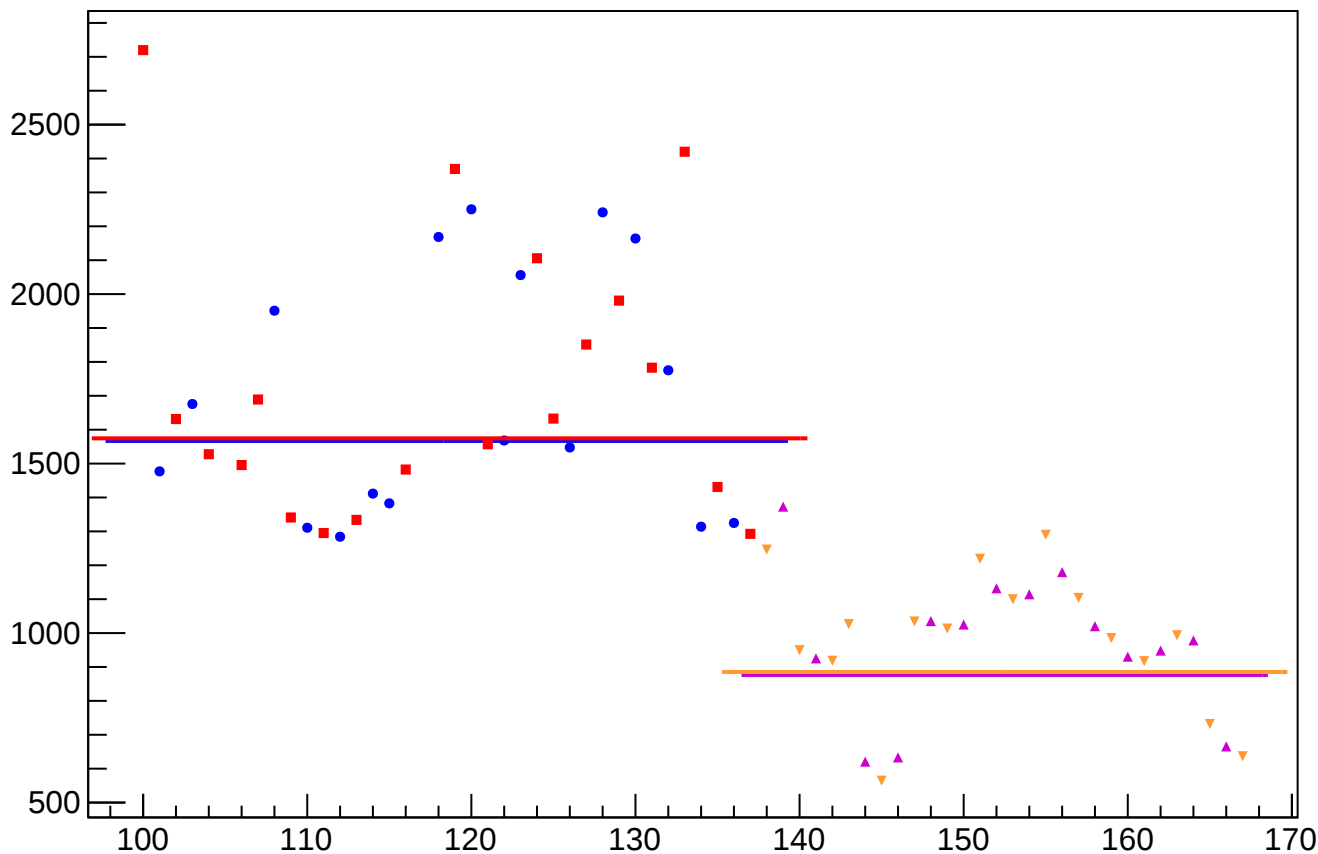
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 218.067 $\pm$ 250.600 χ^2 /NDF:38.1/30

Out: 1263.350 $\pm$ 241.796 χ^2 /NDF:59.5/34

All: 759.393 $\pm$ 174.005 χ^2 /NDF: 106.6/65

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 885.204 $\pm$ 0.187 χ^2 /NDF: 1423798.3/15

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 876.417 $\pm$ 0.194 χ^2 /NDF: 1226731.0/13

Left: 880.974 $\pm$ 0.134 χ^2 /NDF: 2651596.7/29

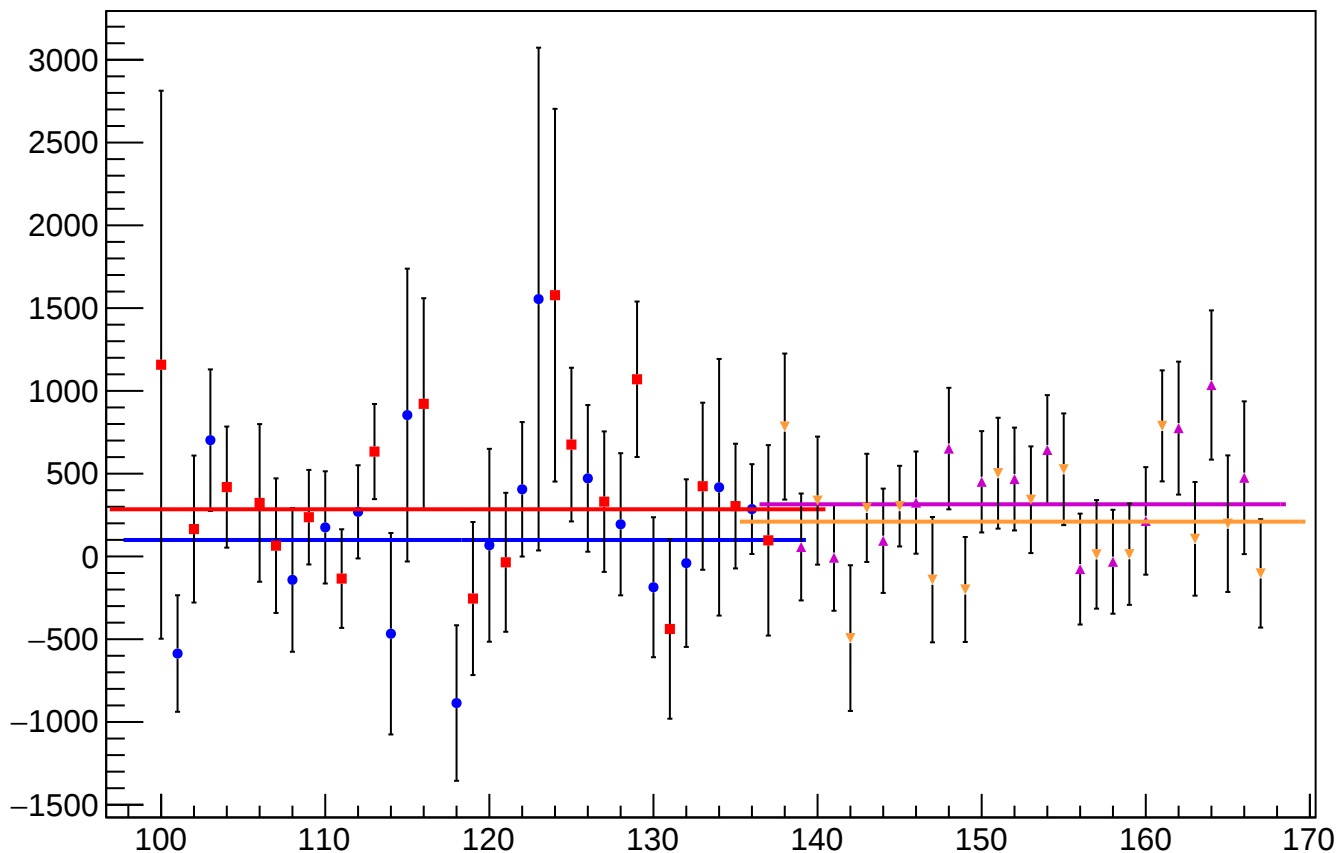
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 989.004 $\pm$ 0.177 χ^2 /NDF: 3798785.8/30

Out: 995.966 $\pm$ 0.171 χ^2 /NDF: 4080236.9/34

All: 992.610 $\pm$ 0.123 χ^2 /NDF: 7879822.0/65

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 210.231 $\pm$ 84.509 χ^2/NDF :13.7/15

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 315.021 $\pm$ 90.603 χ^2/NDF :11.1/13

Left: 258.984 $\pm$ 61.799 χ^2/NDF : 25.4/29

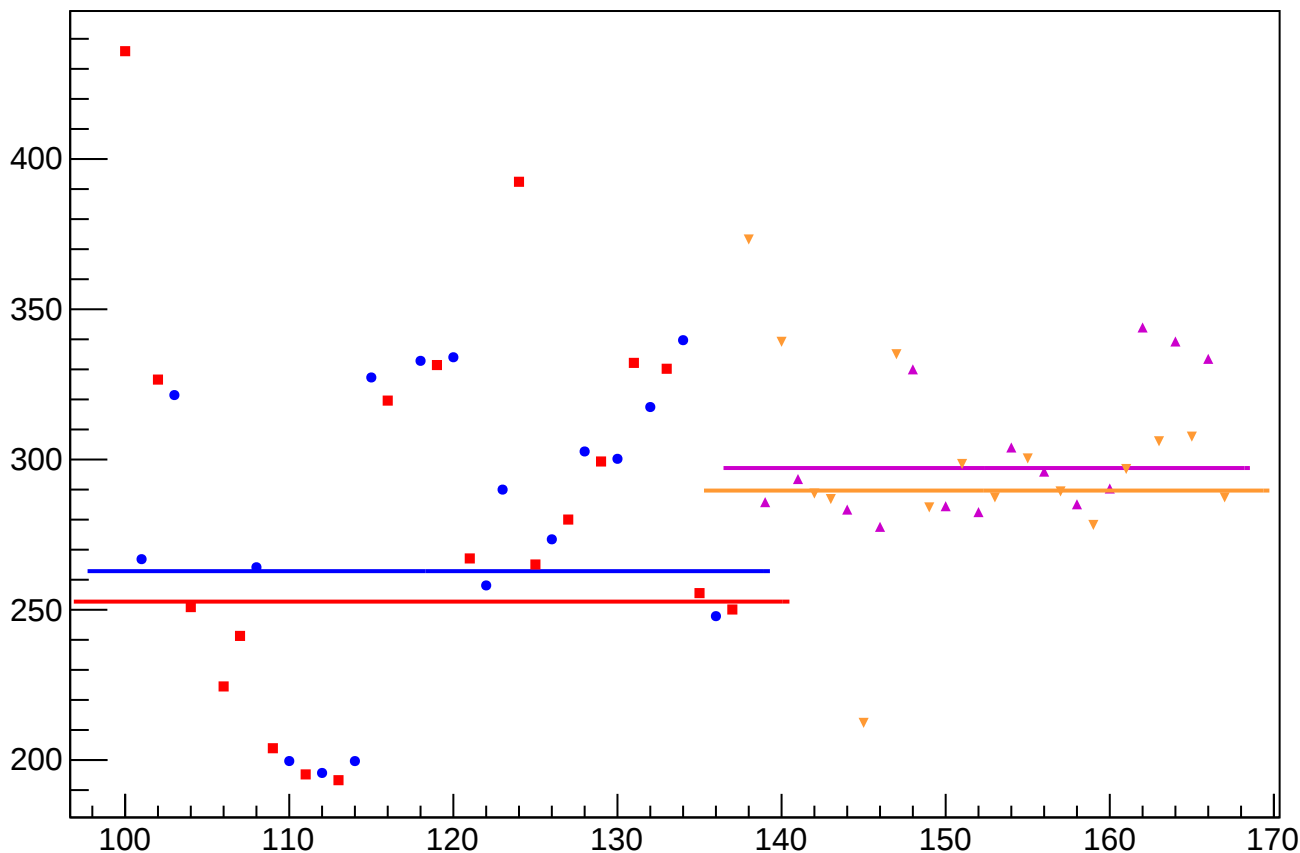
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 221.431 $\pm$ 68.162 χ^2/NDF :29.4/30

Out: 242.177 $\pm$ 63.918 χ^2/NDF :28.0/34

All: 232.470 $\pm$ 46.625 χ^2/NDF : 57.5/65

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 289.672+/-0.060 χ^2/NDF : 351084.3/15

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 297.168+/-0.064 χ^2/NDF : 100239.6/13

Left: 293.160+/-0.044 χ^2/NDF : 458644.0/29

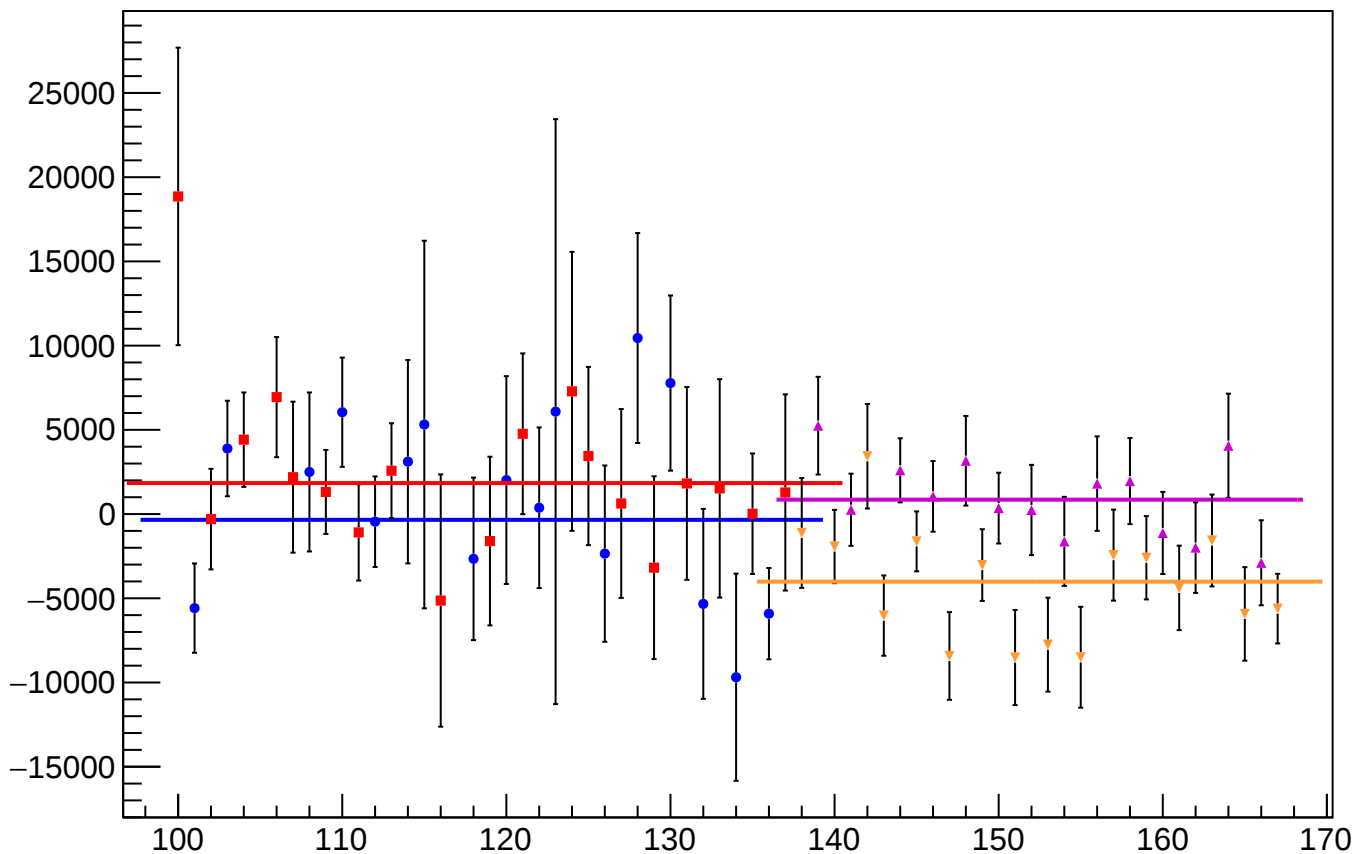
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 282.276+/-0.048 χ^2/NDF : 636429.0/30

Out: 273.859+/-0.045 χ^2/NDF : 1054451.6/34

All: 277.797+/-0.033 χ^2/NDF : 1707108.1/65

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -4012.341 ± 620.956 $\chi^2/\text{NDF}: 22.2/15$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 855.588 ± 653.824 $\chi^2/\text{NDF}: 10.3/13$

Left: -1703.802 ± 450.254 $\chi^2/\text{NDF}: 61.7/29$

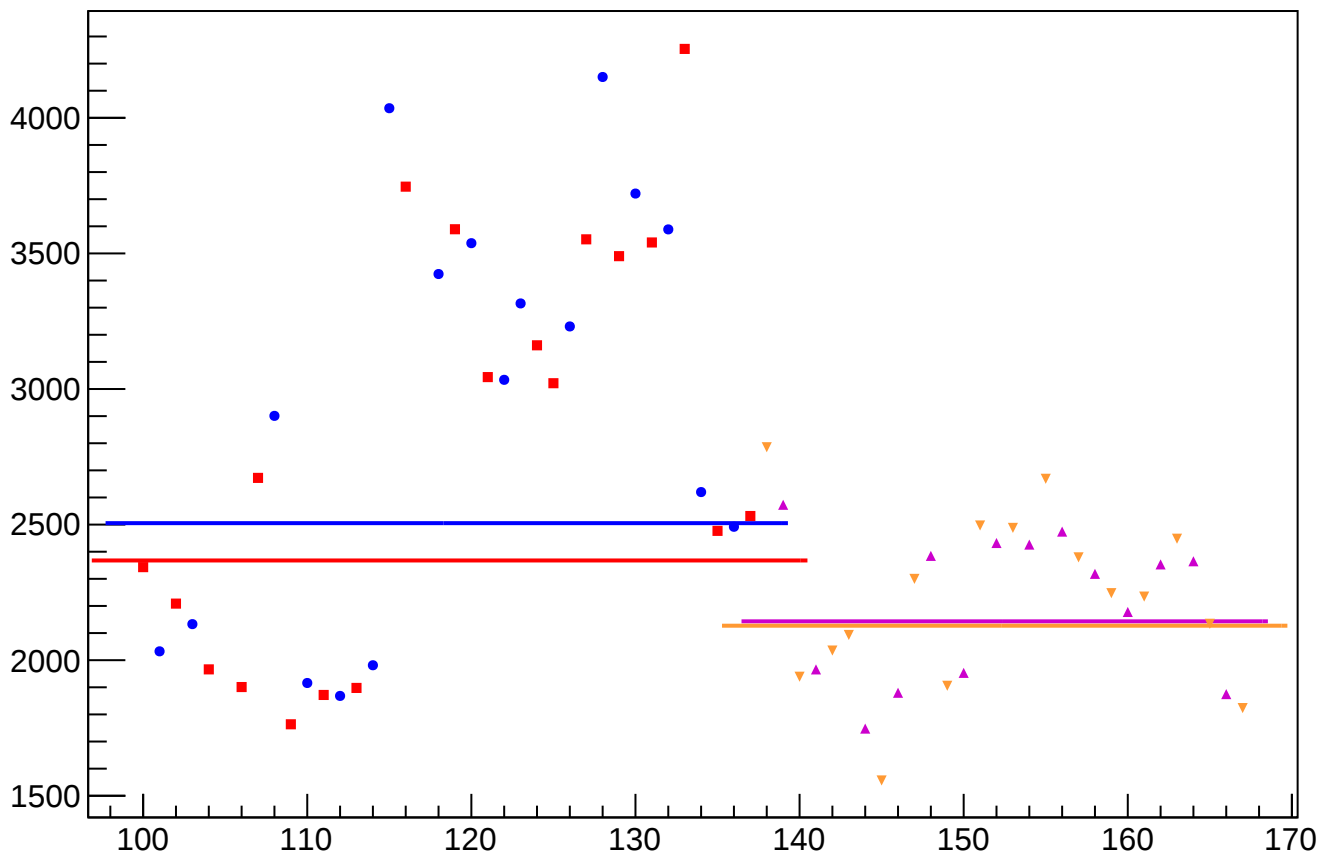
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 499.406 ± 547.992 $\chi^2/\text{NDF}: 35.7/30$

Out: -2193.417 ± 515.517 $\chi^2/\text{NDF}: 61.5/34$

All: -929.157 ± 375.482 $\chi^2/\text{NDF}: 110.1/65$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2127.148+/-0.439 χ^2/NDF : 564825.0/15

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2143.249+/-0.462 χ^2/NDF : 337392.8/13

Left: 2134.784+/-0.318 χ^2/NDF : 902855.4/29

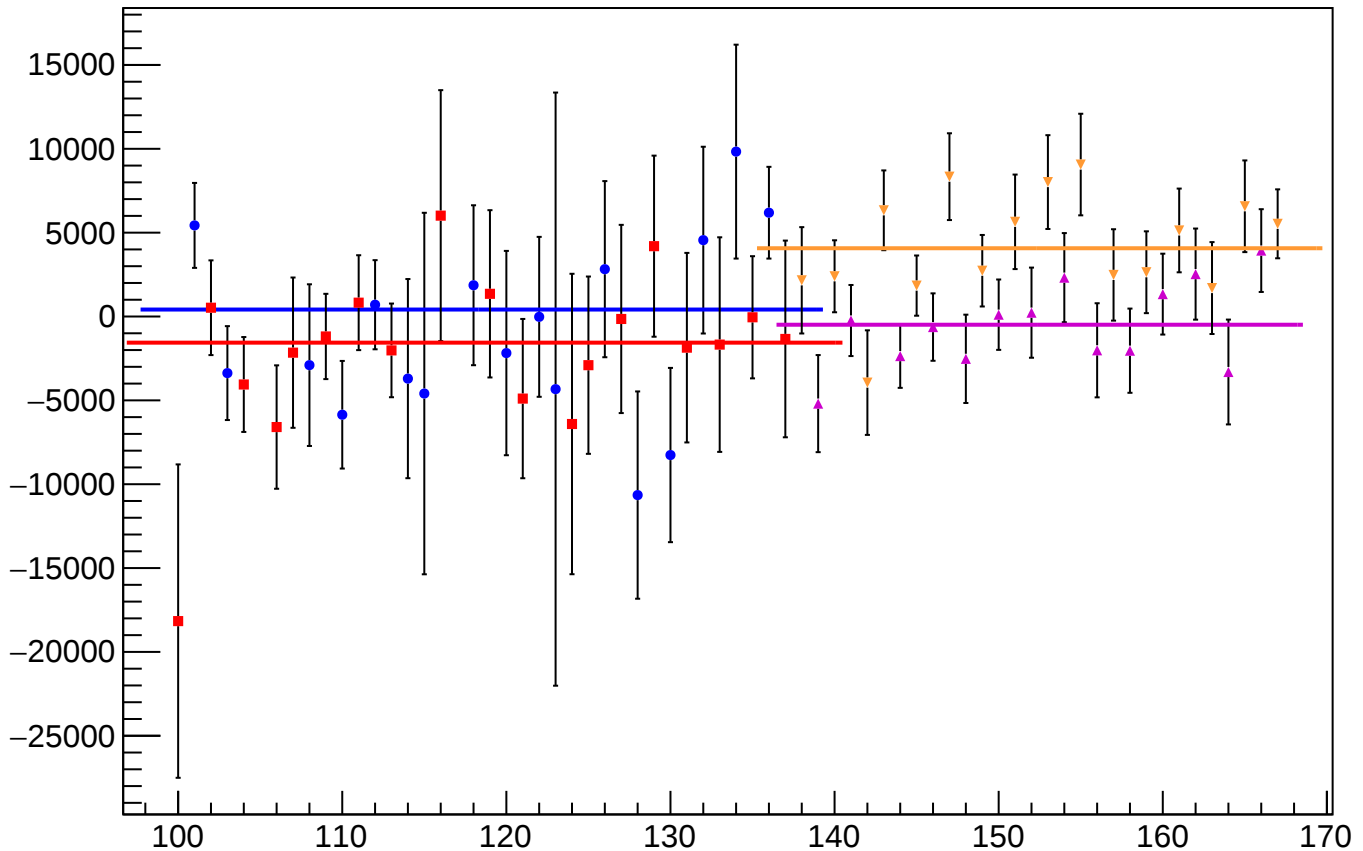
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2250.979+/-0.387 χ^2/NDF : 1384021.4/30

Out: 2201.914+/-0.365 χ^2/NDF : 1689019.3/34

All: 2224.950+/-0.266 χ^2/NDF : 3081546.6/65

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 4070.788 ± 619.528 $\chi^2/\text{NDF}: 21.1/15$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -490.238 ± 648.276 $\chi^2/\text{NDF}: 12.0/13$

Left: 1893.644 ± 447.891 $\chi^2/\text{NDF}: 59.0/29$

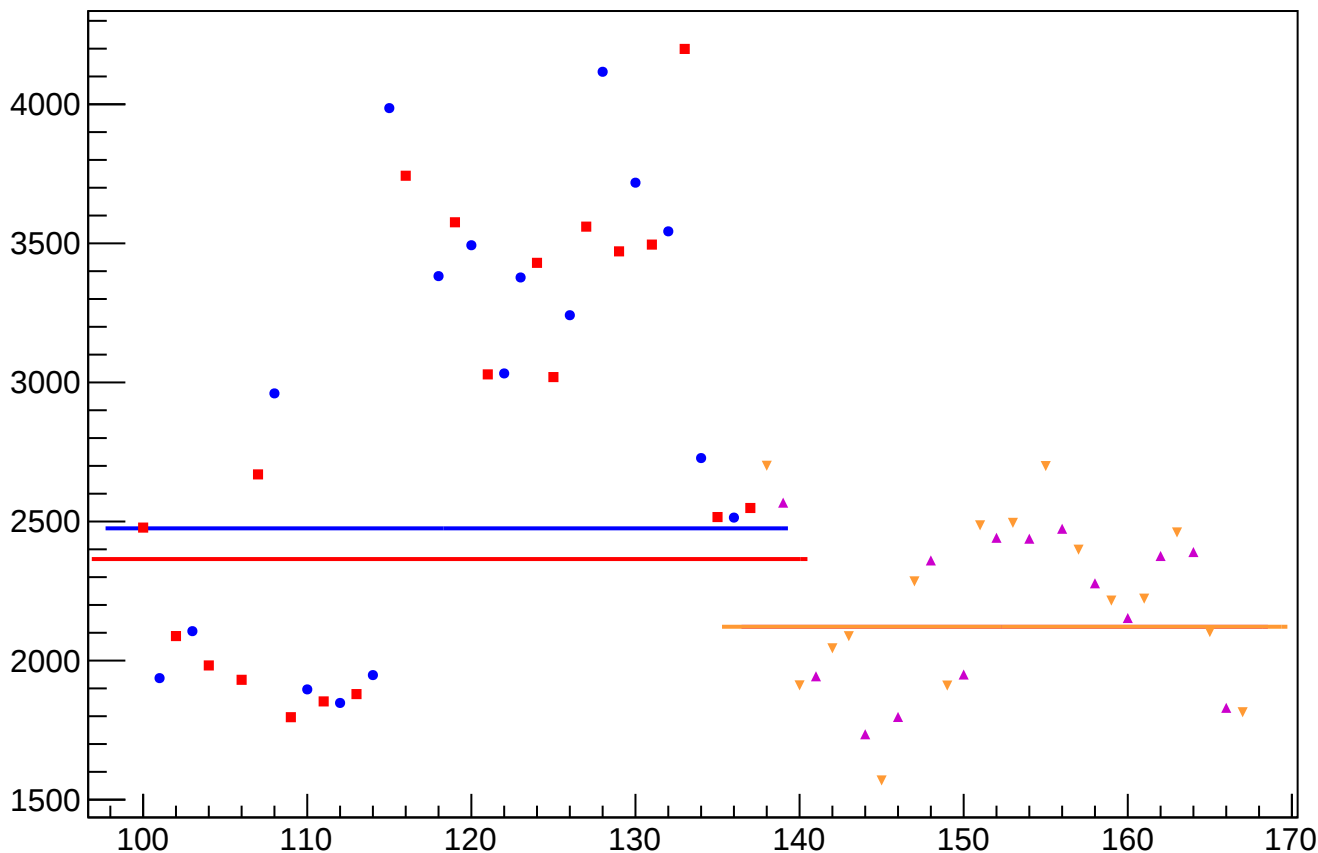
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -220.283 ± 543.148 $\chi^2/\text{NDF}: 37.1/30$

Out: 2326.026 ± 514.646 $\chi^2/\text{NDF}: 57.4/34$

All: 1121.432 ± 373.579 $\chi^2/\text{NDF}: 106.1/65$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2121.675+/-0.438 χ^2/NDF : 548925.6/15

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2121.279+/-0.458 χ^2/NDF : 383356.6/13

Left: 2121.486+/-0.317 χ^2/NDF : 932282.6/29

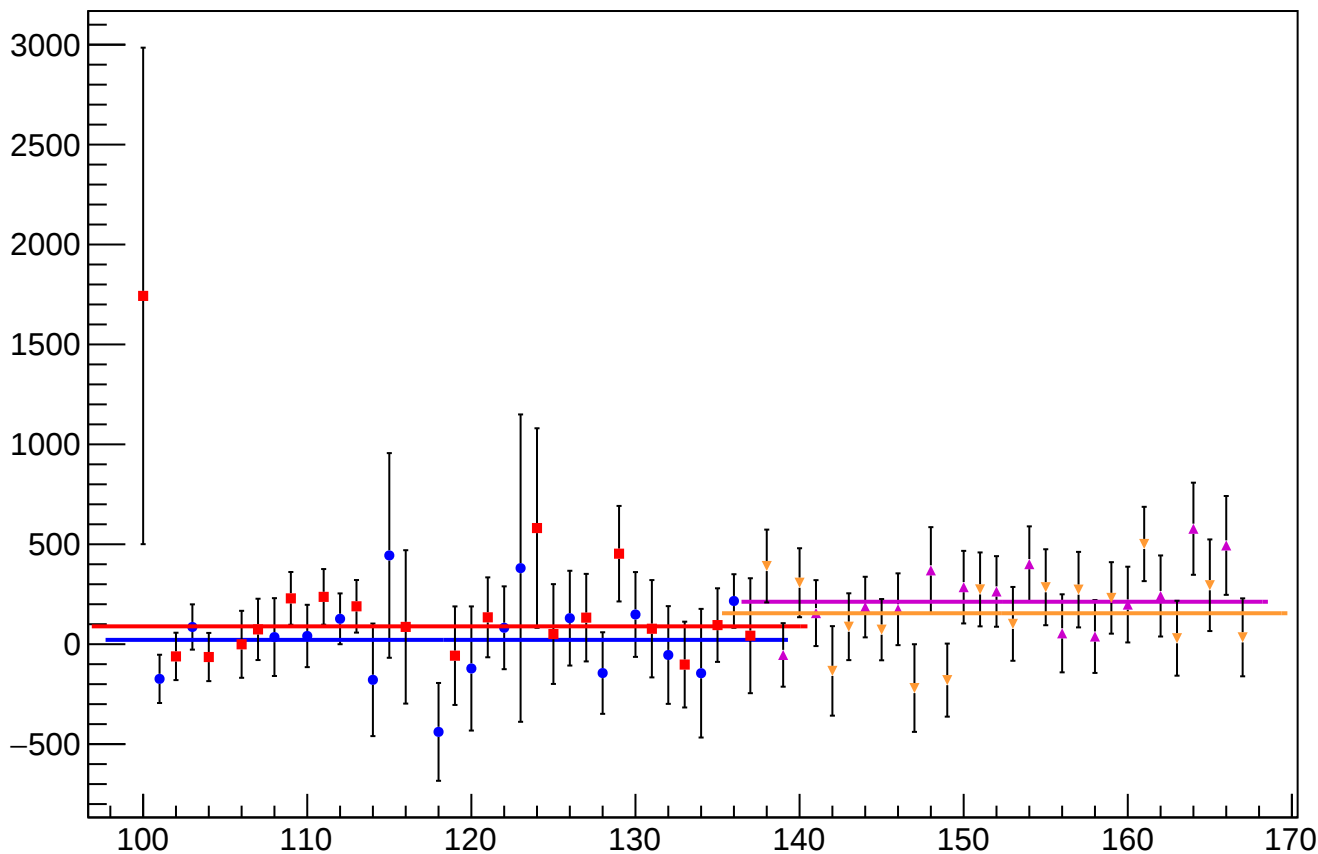
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2226.829+/-0.384 χ^2/NDF : 1474325.5/30

Out: 2197.096+/-0.364 χ^2/NDF : 1671735.5/34

All: 2211.162+/-0.264 χ^2/NDF : 3149219.2/65

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 154.881 $\pm$ 46.580 χ^2 /NDF:17.1/15

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 212.364 $\pm$ 49.619 χ^2 /NDF:10.2/13

Left: 181.808 $\pm$ 33.960 χ^2 /NDF: 27.9/29

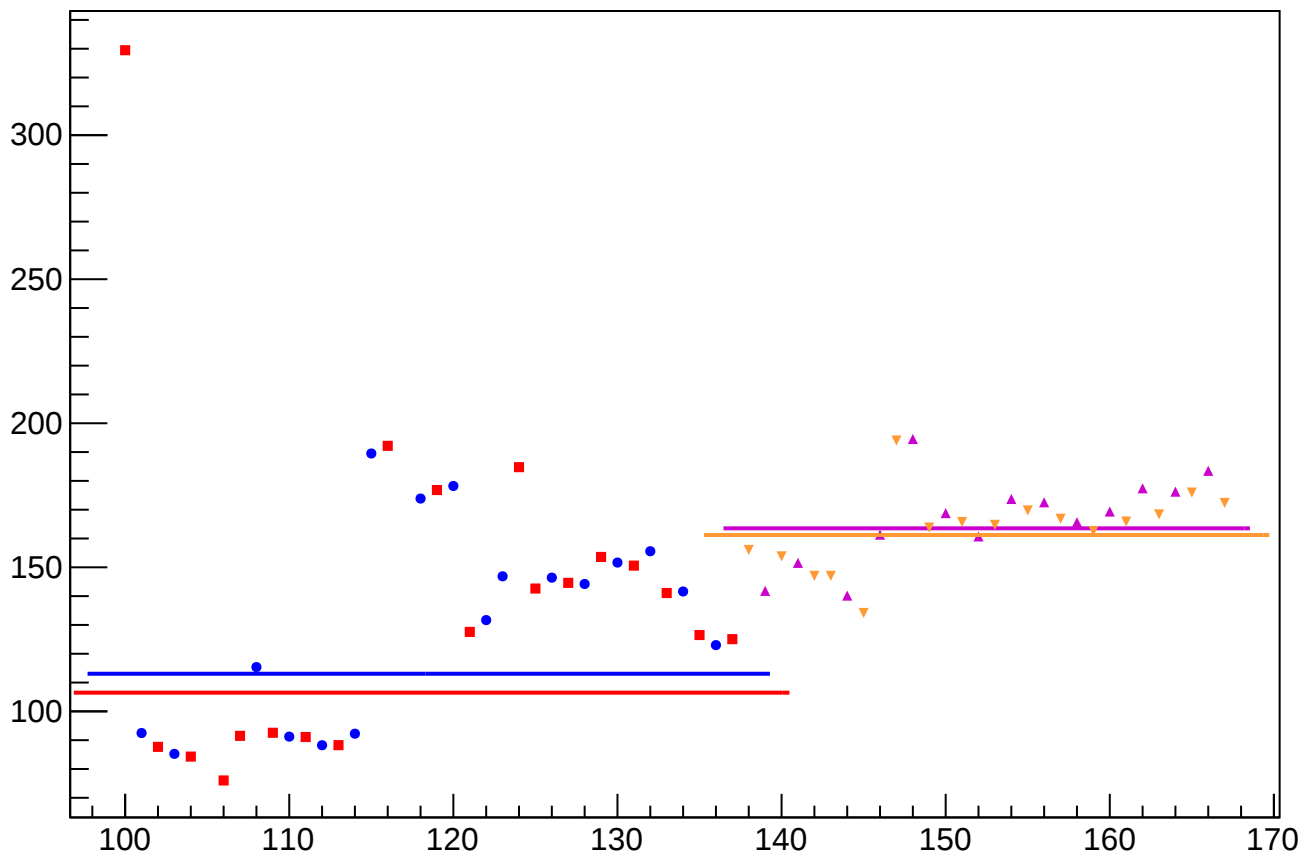
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 108.047 $\pm$ 33.397 χ^2 /NDF:30.8/30

Out: 118.563 $\pm$ 31.111 χ^2 /NDF:30.9/34

All: 113.677 $\pm$ 22.764 χ^2 /NDF: 61.7/65

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 161.207 $\pm$ 0.033 χ^2/NDF :161915.5/15

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 163.537 $\pm$ 0.035 χ^2/NDF :179652.1/13

Left: 162.299 $\pm$ 0.024 χ^2/NDF : 343911.4/29

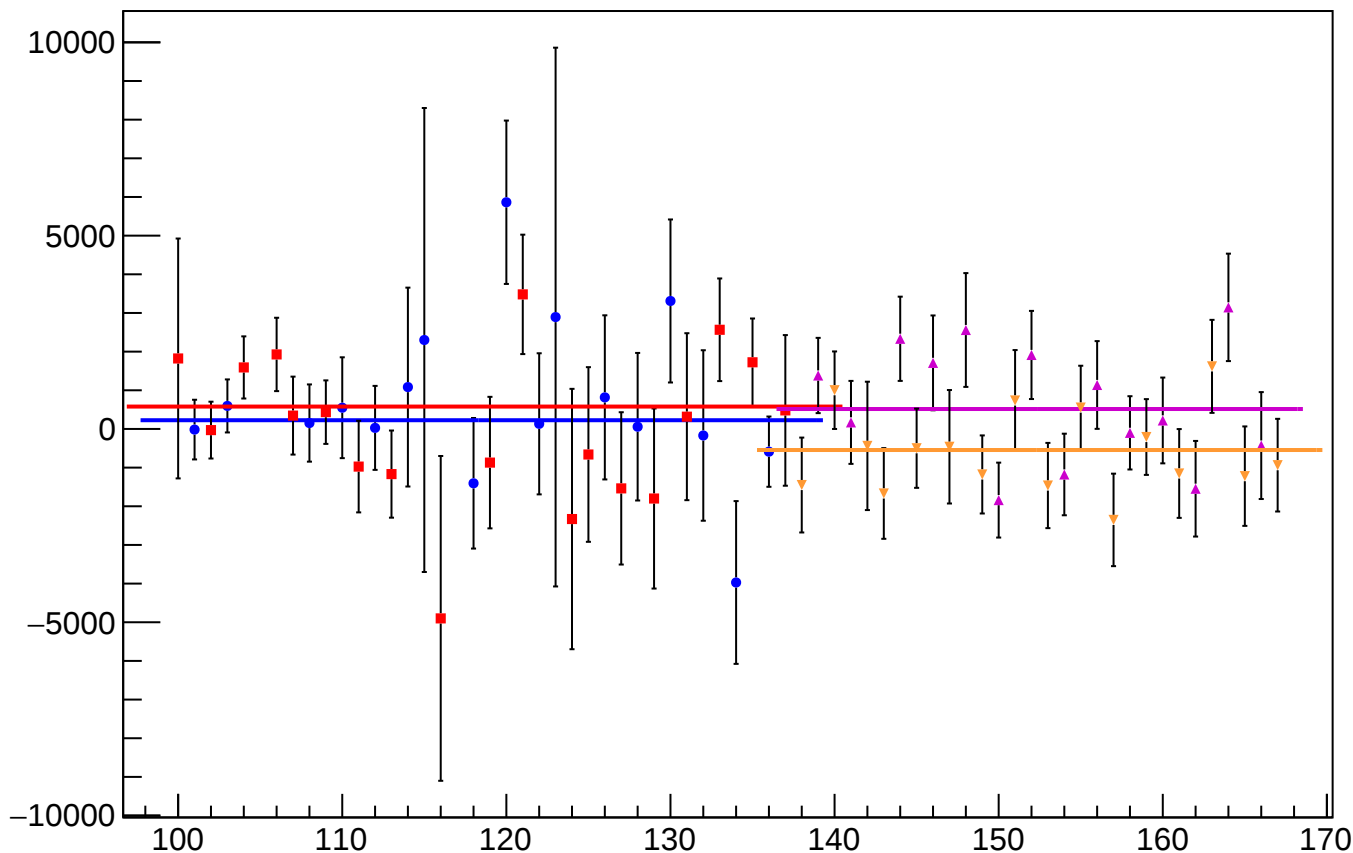
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 135.927 $\pm$ 0.024 χ^2/NDF :2132630.3/30

Out: 130.901 $\pm$ 0.022 χ^2/NDF :2706616.4/34

All: 133.236 $\pm$ 0.016 χ^2/NDF : 4863493.0/65

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -544.939 $\pm$ 289.862 χ^2/NDF :13.2/15

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 515.761 $\pm$ 301.202 χ^2/NDF :24.2/13

Left: -34.932 $\pm$ 208.857 χ^2/NDF : 43.8/29

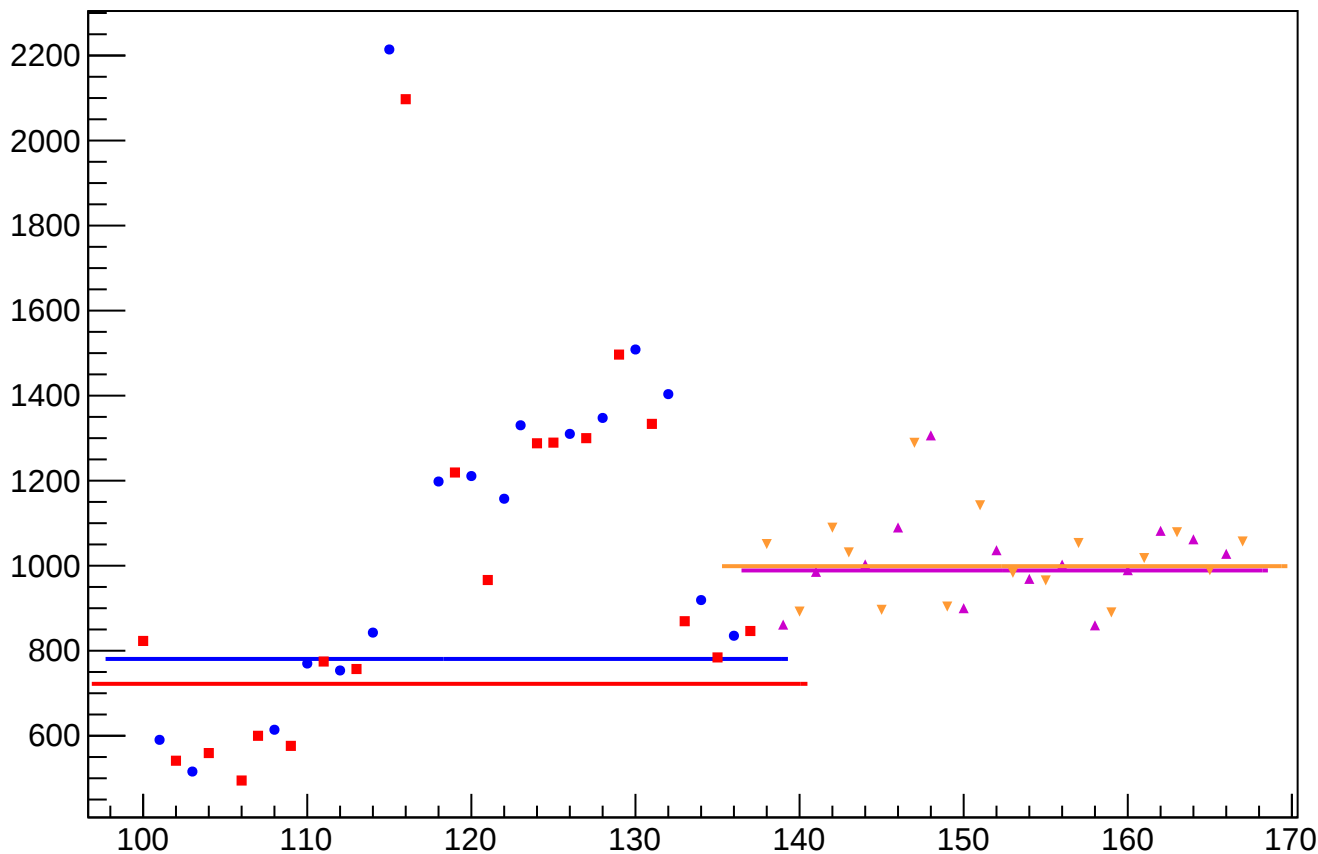
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 380.106 $\pm$ 219.779 χ^2/NDF :40.6/30

Out: 18.256 $\pm$ 204.741 χ^2/NDF :41.9/34

All: 186.379 $\pm$ 149.808 χ^2/NDF : 83.9/65

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 998.896 $\pm$ 0.205 χ^2/NDF :219100.4/15

Right Out: 722.148 $\pm$ 0.205 χ^2/NDF : 1628760.4/18

Left In: 988.839 $\pm$ 0.213 χ^2/NDF :218290.8/13

Left: 994.060 $\pm$ 0.148 χ^2/NDF : 438548.8/29

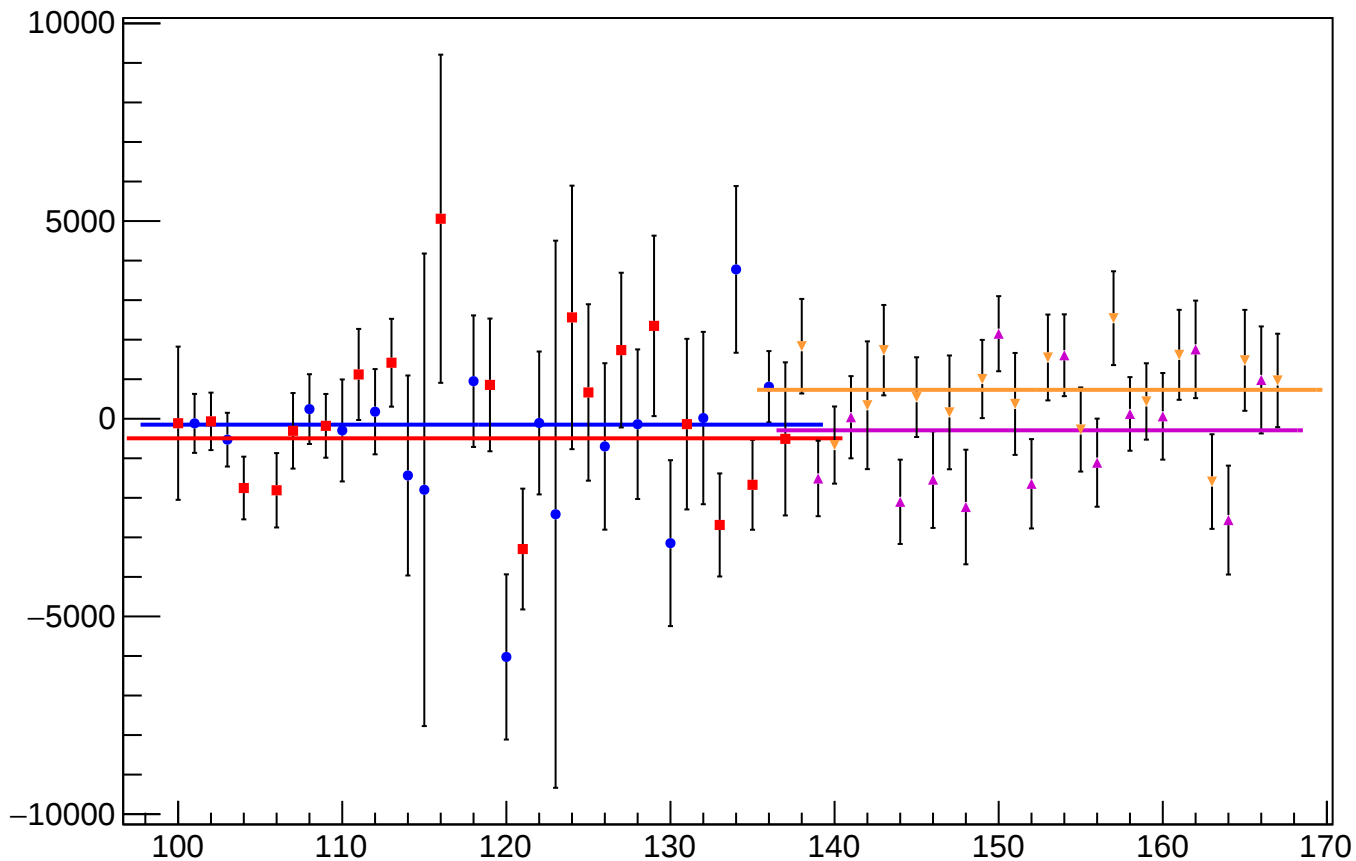
Right: 748.347 $\pm$ 0.152 χ^2/NDF : 3274944.8/35

In: 891.519 $\pm$ 0.155 χ^2/NDF :2274352.9/30

Out: 860.222 $\pm$ 0.145 χ^2/NDF :2761399.3/34

All: 874.763 $\pm$ 0.106 χ^2/NDF : 5057464.2/65

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 731.616 ± 285.095 $\chi^2/\text{NDF}: 12.7/15$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -292.402 ± 296.222 $\chi^2/\text{NDF}: 26.1/13$

Left: 239.200 ± 205.414 $\chi^2/\text{NDF}: 45.0/29$

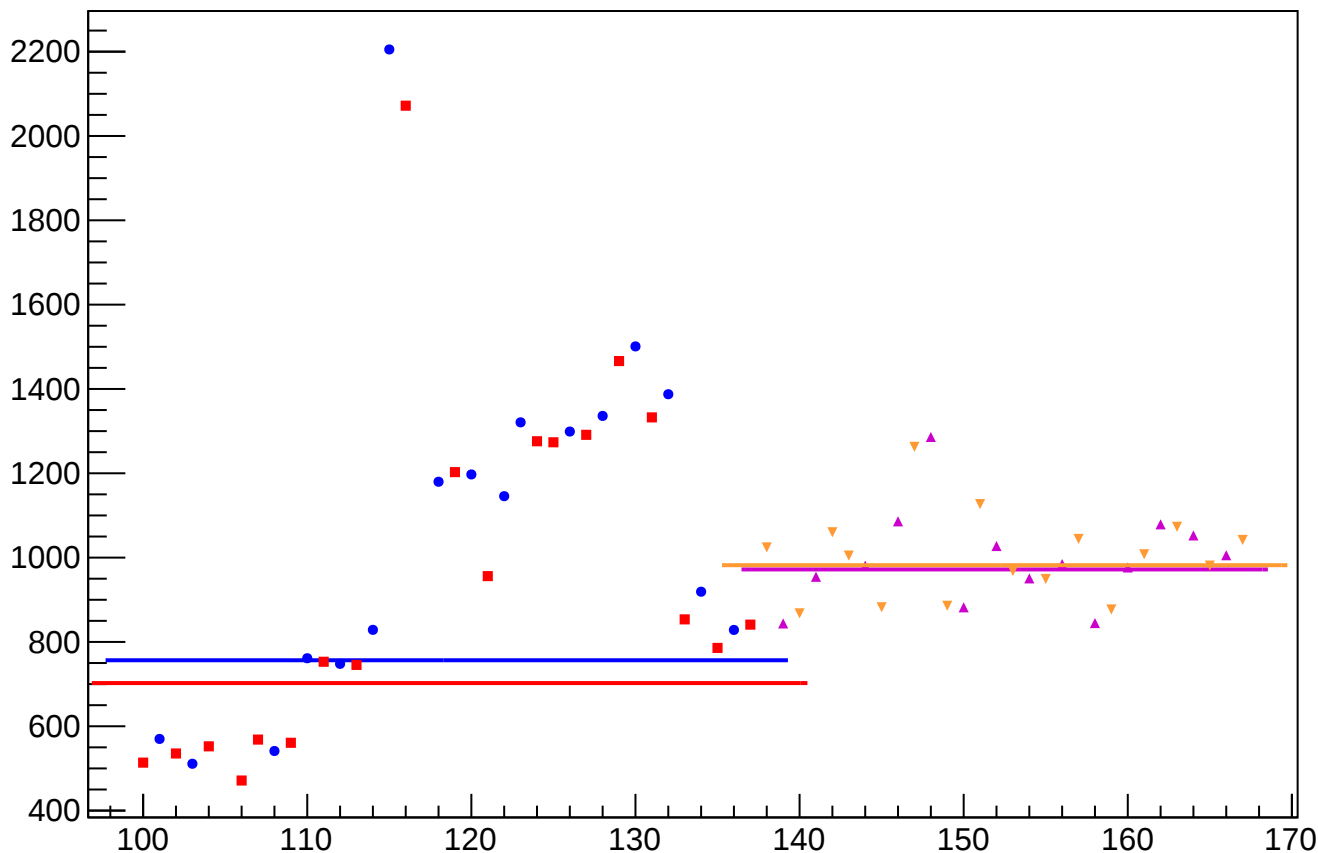
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -224.716 ± 215.136 $\chi^2/\text{NDF}: 42.3/30$

Out: 113.252 ± 200.748 $\chi^2/\text{NDF}: 45.7/34$

All: -44.054 ± 146.773 $\chi^2/\text{NDF}: 89.3/65$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 982.031 $\pm$ 0.202 χ^2 /NDF: 224393.6/15

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 971.964 $\pm$ 0.209 χ^2 /NDF: 232462.9/13

Left: 977.190 $\pm$ 0.145 χ^2 /NDF: 458055.6/29

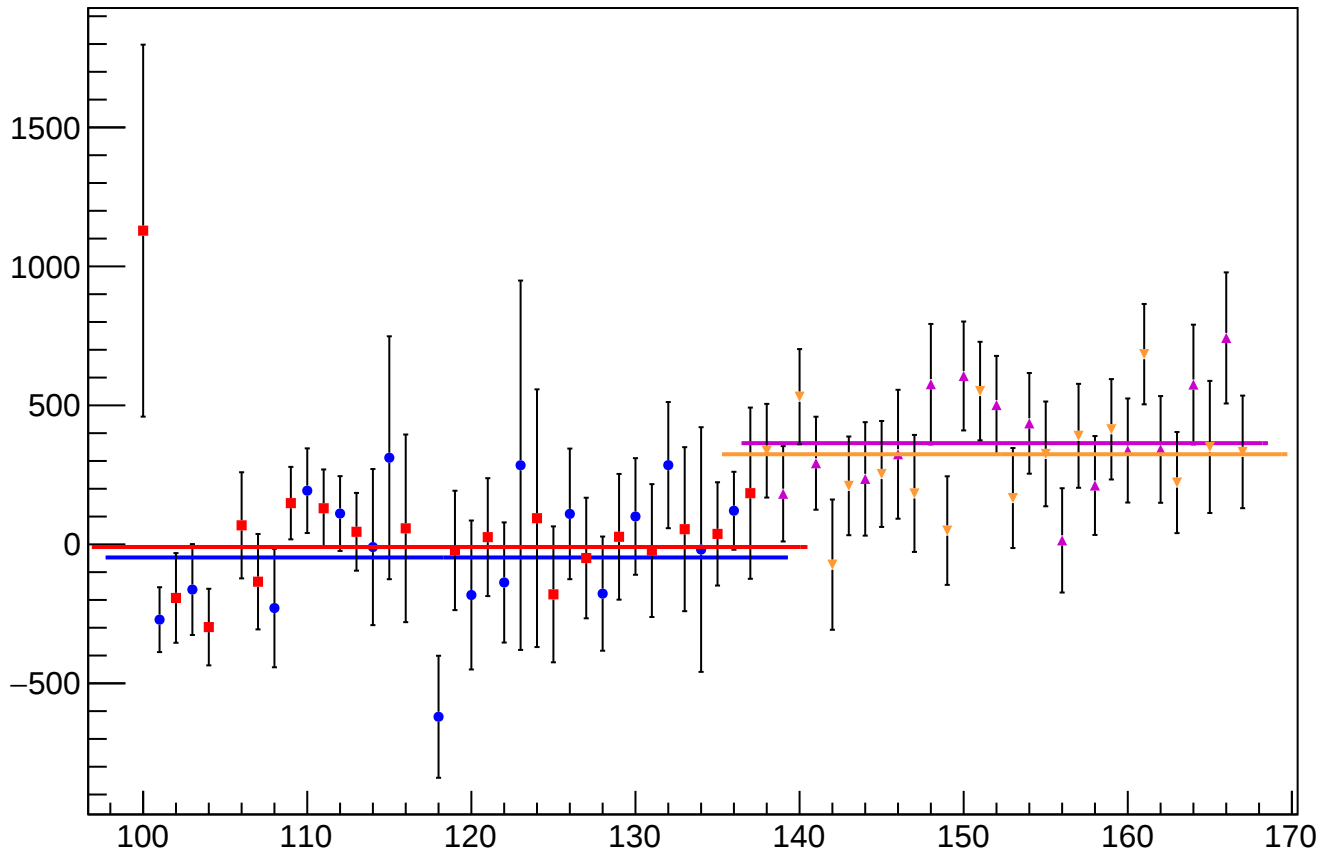
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 870.167 $\pm$ 0.152 χ^2 /NDF: 2445939.0/30

Out: 841.069 $\pm$ 0.142 χ^2 /NDF: 2883562.6/34

All: 854.612 $\pm$ 0.104 χ^2 /NDF: 5349060.2/65

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 324.201 ± 47.207 χ^2/NDF : 14.4/15

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 364.098 ± 51.479 χ^2/NDF : 12.8/13

Left: 342.426 ± 34.793 χ^2/NDF : 27.5/29

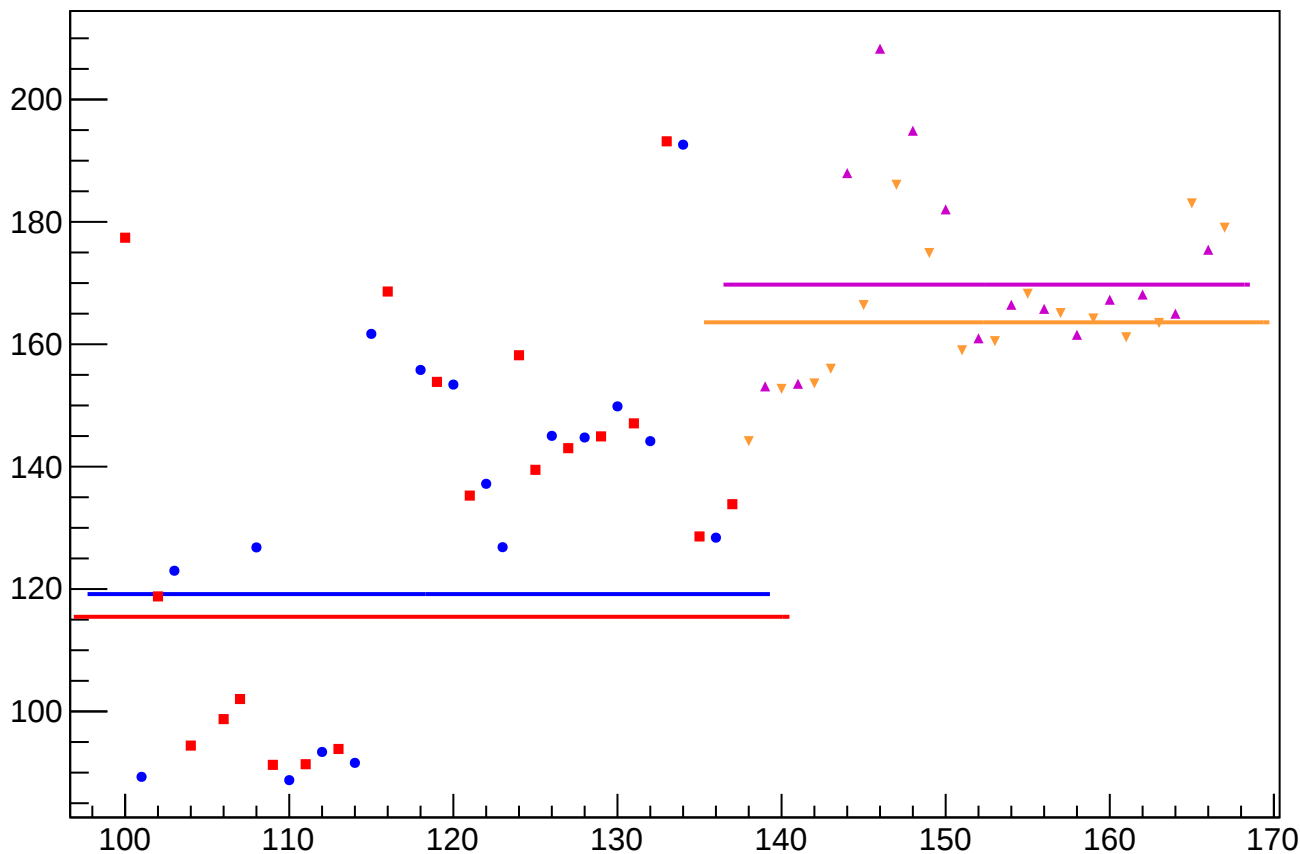
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 140.967 ± 34.817 χ^2/NDF : 69.3/30

Out: 148.431 ± 32.477 χ^2/NDF : 53.8/34

All: 144.959 ± 23.749 χ^2/NDF : 123.1/65

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 163.587+/-0.033 χ^2/NDF :100610.5/15

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.748+/-0.036 χ^2/NDF :156963.5/13

Left: 166.401+/-0.025 χ^2/NDF : 273134.5/29

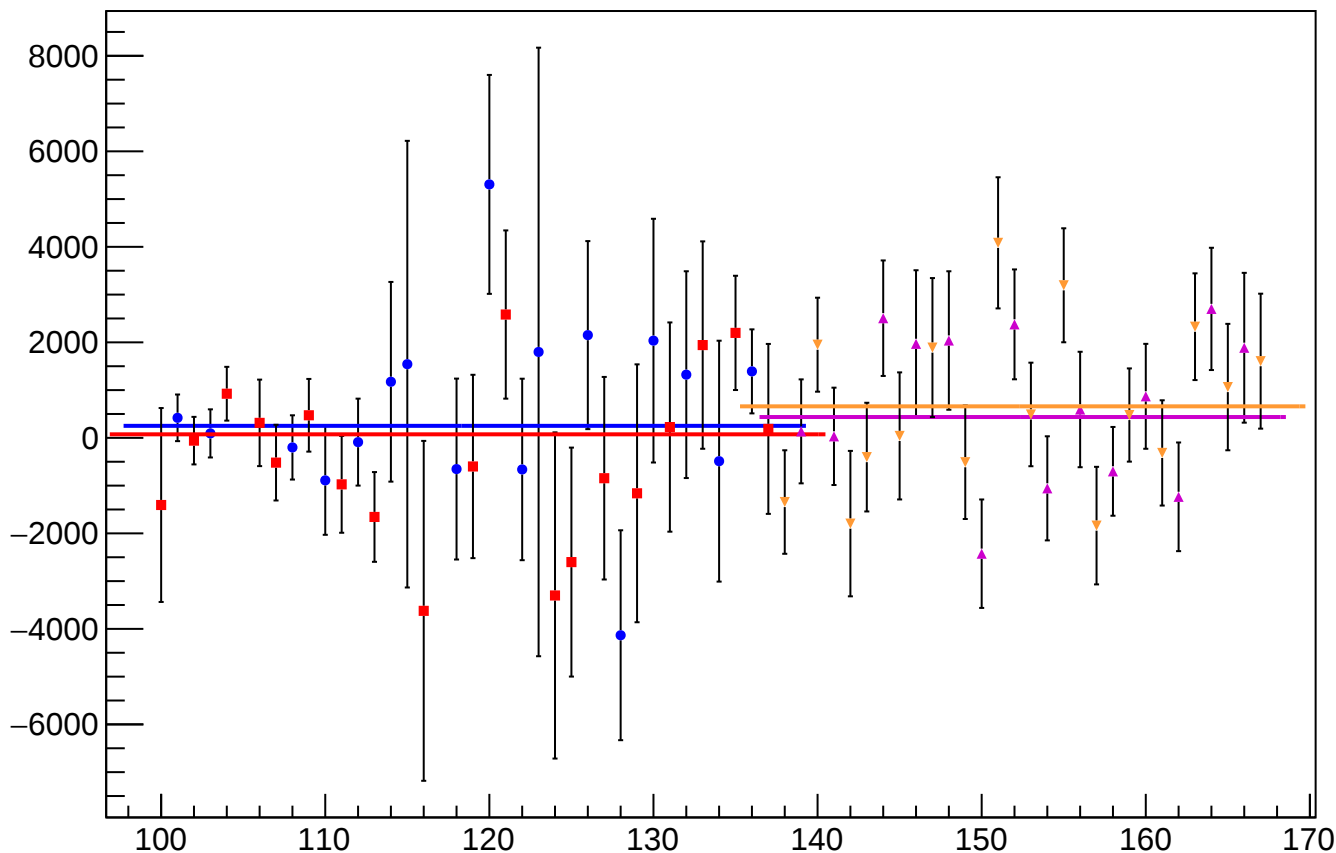
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 142.309+/-0.025 χ^2/NDF :1819514.3/30

Out: 138.241+/-0.023 χ^2/NDF :1887999.5/34

All: 140.134+/-0.017 χ^2/NDF : 3722115.5/65

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 659.960 $\pm$ 297.218 χ^2 /NDF: 29.0/15

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 436.323 $\pm$ 312.814 χ^2 /NDF: 24.3/13

Left: 553.855 $\pm$ 215.467 χ^2 /NDF: 53.5/29

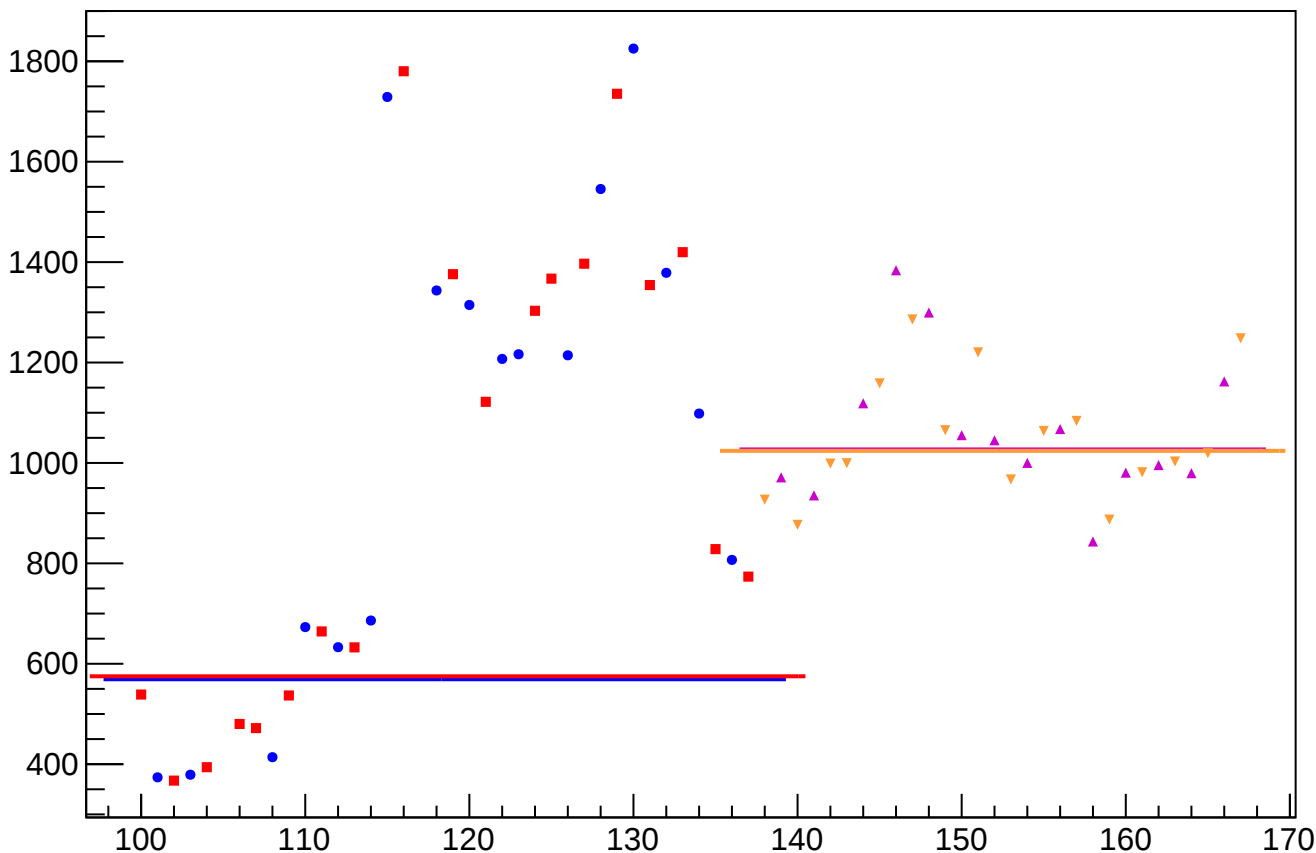
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 324.667 $\pm$ 196.629 χ^2 /NDF: 39.3/30

Out: 309.951 $\pm$ 188.575 χ^2 /NDF: 49.3/34

All: 317.002 $\pm$ 136.101 χ^2 /NDF: 88.6/65

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1024.102 $\pm$ 0.210 χ^2 /NDF: 296600.2/15

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1026.960 $\pm$ 0.221 χ^2 /NDF: 316585.9/13

Left: 1025.458 $\pm$ 0.152 χ^2 /NDF: 613273.8/29

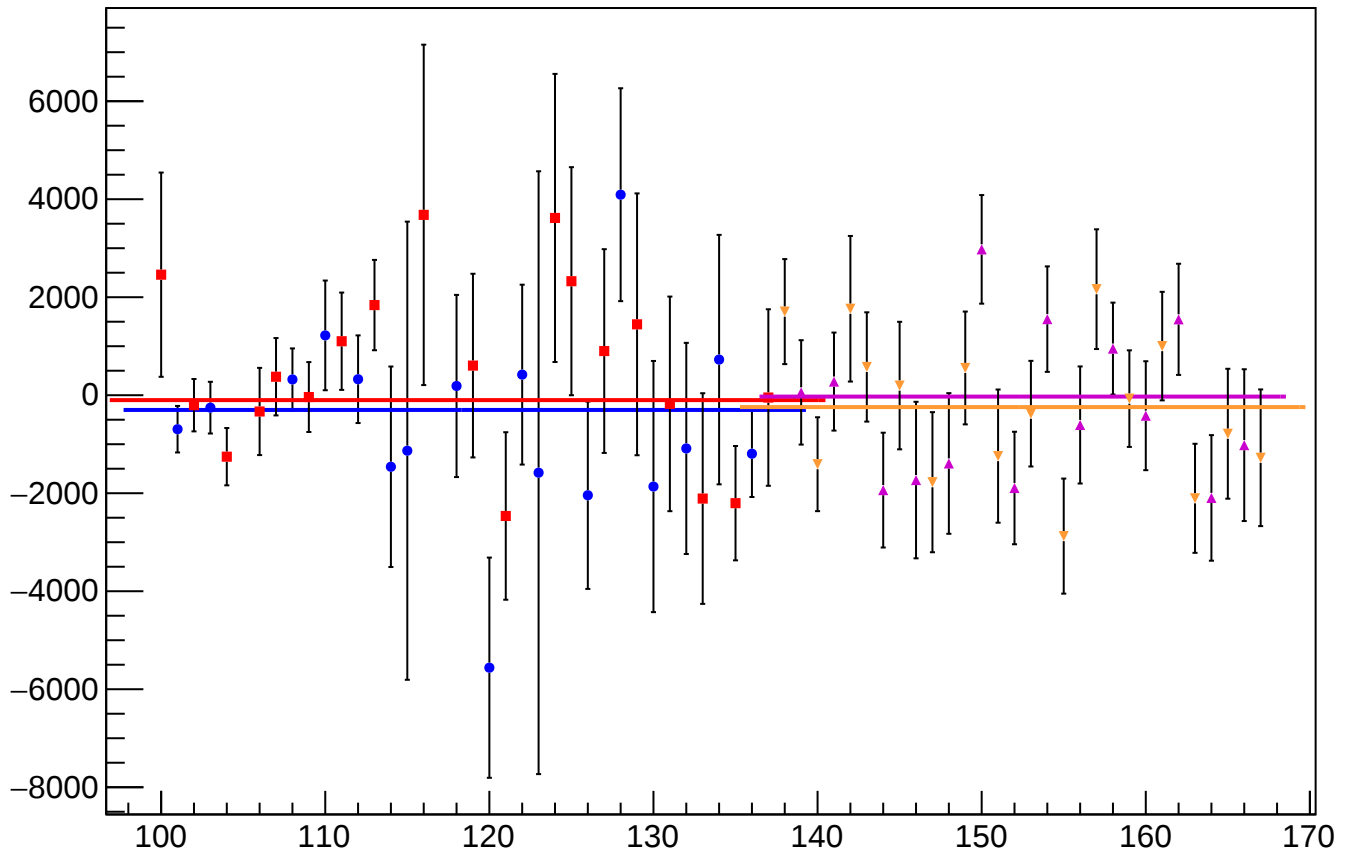
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 750.067 $\pm$ 0.139 χ^2 /NDF: 6174282.0/30

Out: 755.815 $\pm$ 0.133 χ^2 /NDF: 6083074.0/34

All: 753.061 $\pm$ 0.096 χ^2 /NDF: 12258246.2/65

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -242.398 ± 293.818 $\chi^2/\text{NDF}: 23.2/15$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -28.083 ± 310.484 $\chi^2/\text{NDF}: 23.3/13$

Left: -141.147 ± 213.410 $\chi^2/\text{NDF}: 46.8/29$

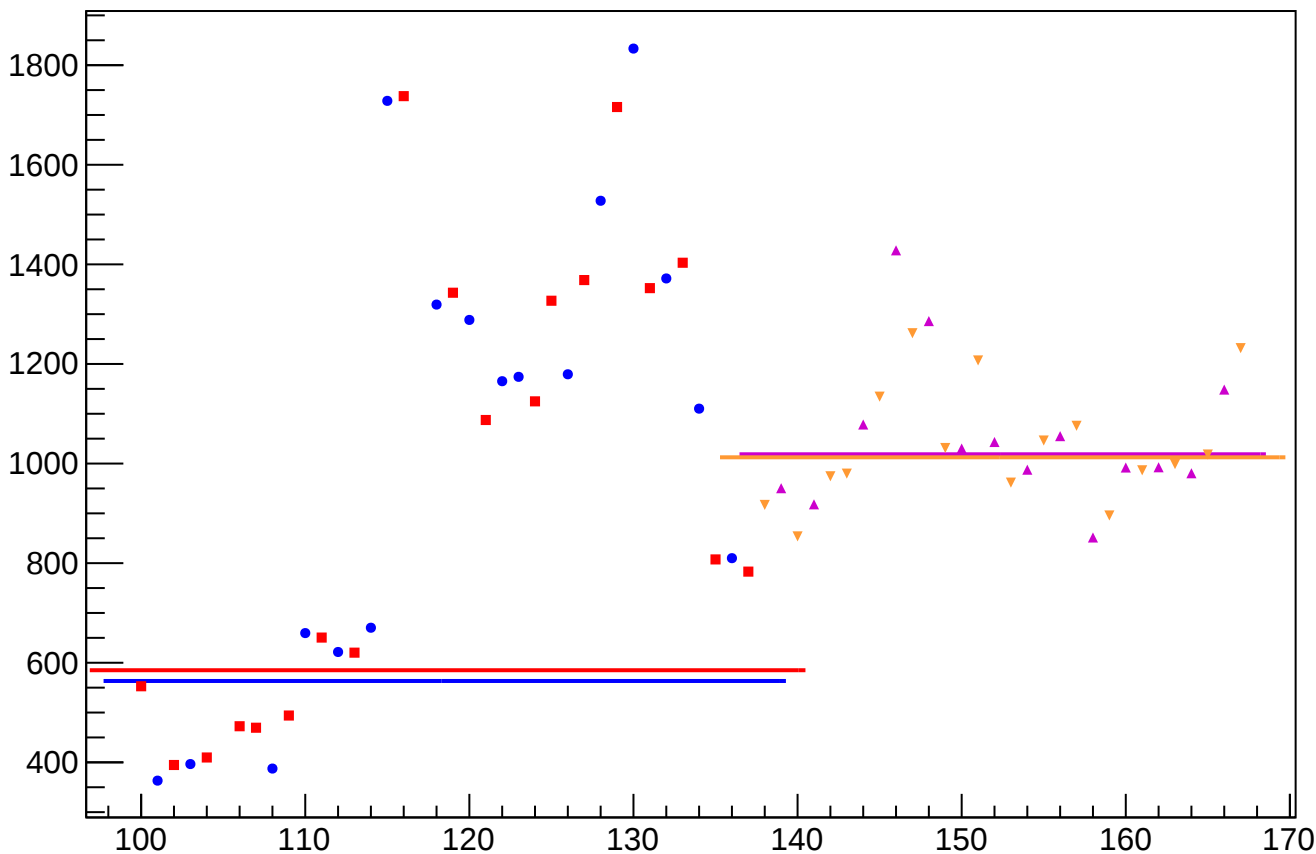
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -193.286 ± 194.866 $\chi^2/\text{NDF}: 40.5/30$

Out: -158.641 ± 188.601 $\chi^2/\text{NDF}: 45.7/34$

All: -175.398 ± 135.522 $\chi^2/\text{NDF}: 86.2/65$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1012.541+/-0.208 χ^2/NDF :284068.1/15

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1018.620+/-0.220 χ^2/NDF :320693.7/13

Left: 1015.413+/-0.151 χ^2/NDF : 605166.3/29

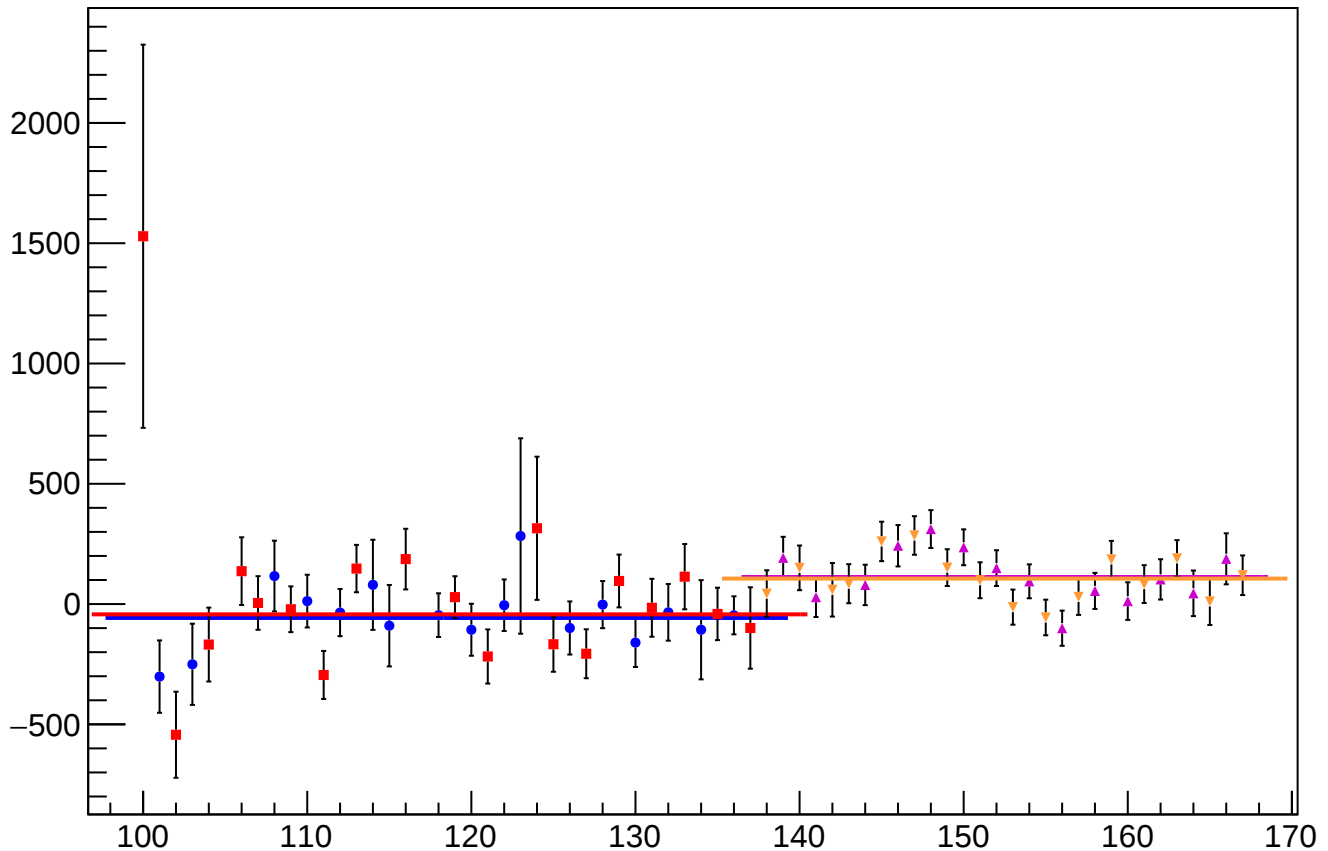
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 742.709+/-0.138 χ^2/NDF :6185578.2/30

Out: 761.150+/-0.133 χ^2/NDF :5592795.0/34

All: 752.231+/-0.096 χ^2/NDF : 11787621.3/65

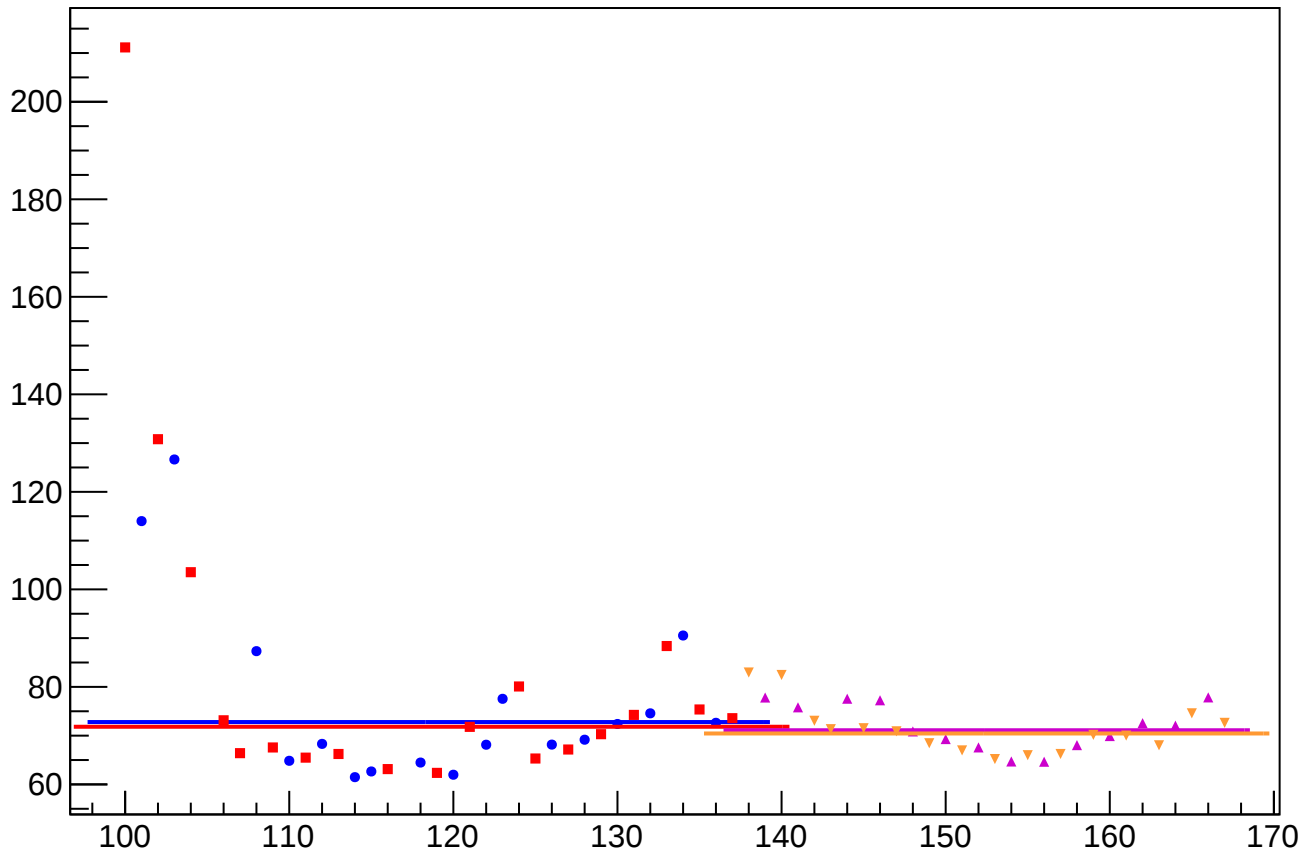
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 105.934 ± 20.360 $\chi^2/\text{NDF}: 21.6/15$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 112.409 ± 21.566 $\chi^2/\text{NDF}: 25.5/13$

Left: 108.985 ± 14.804 $\chi^2/\text{NDF}: 47.2/29$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 51.000 ± 17.239 $\chi^2/\text{NDF}: 57.1/30$
 Out: 53.755 ± 16.404 $\chi^2/\text{NDF}: 79.4/34$
 All: 52.446 ± 11.884 $\chi^2/\text{NDF}: 136.5/65$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.443 ± 0.014 $\chi^2/\text{NDF}: 104925.7/15$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 71.106 ± 0.015 $\chi^2/\text{NDF}: 90862.6/13$

Left: 70.755 ± 0.010 $\chi^2/\text{NDF}: 196785.8/29$

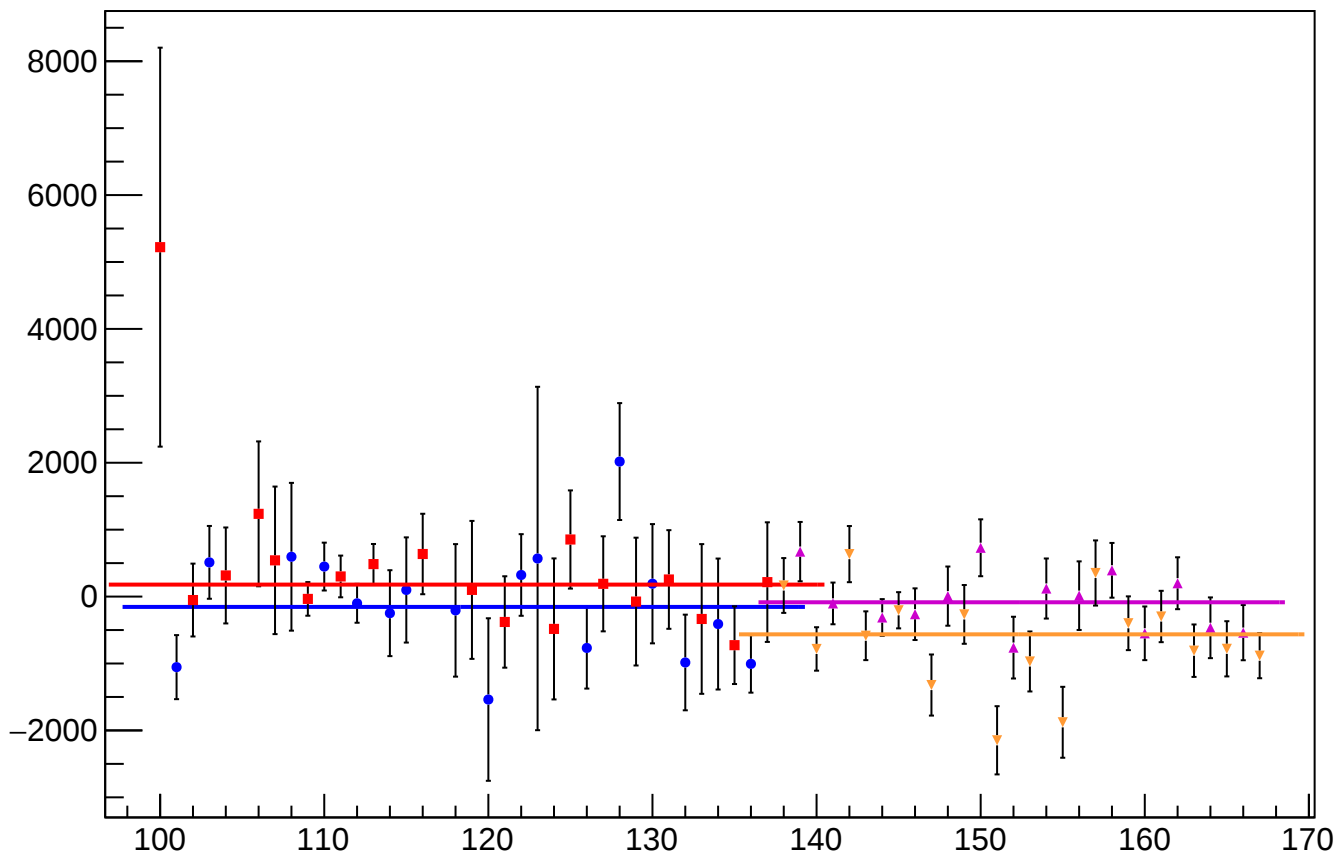
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 71.714 ± 0.012 $\chi^2/\text{NDF}: 560038.8/30$

Out: 70.928 ± 0.012 $\chi^2/\text{NDF}: 573806.4/34$

All: 71.301 ± 0.008 $\chi^2/\text{NDF}: 1136026.7/65$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -564.139+/-98.492 χ^2/NDF :39.2/15

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -85.069+/-105.954 χ^2/NDF :15.1/13

Left: -342.067+/-72.138 χ^2/NDF : 65.2/29

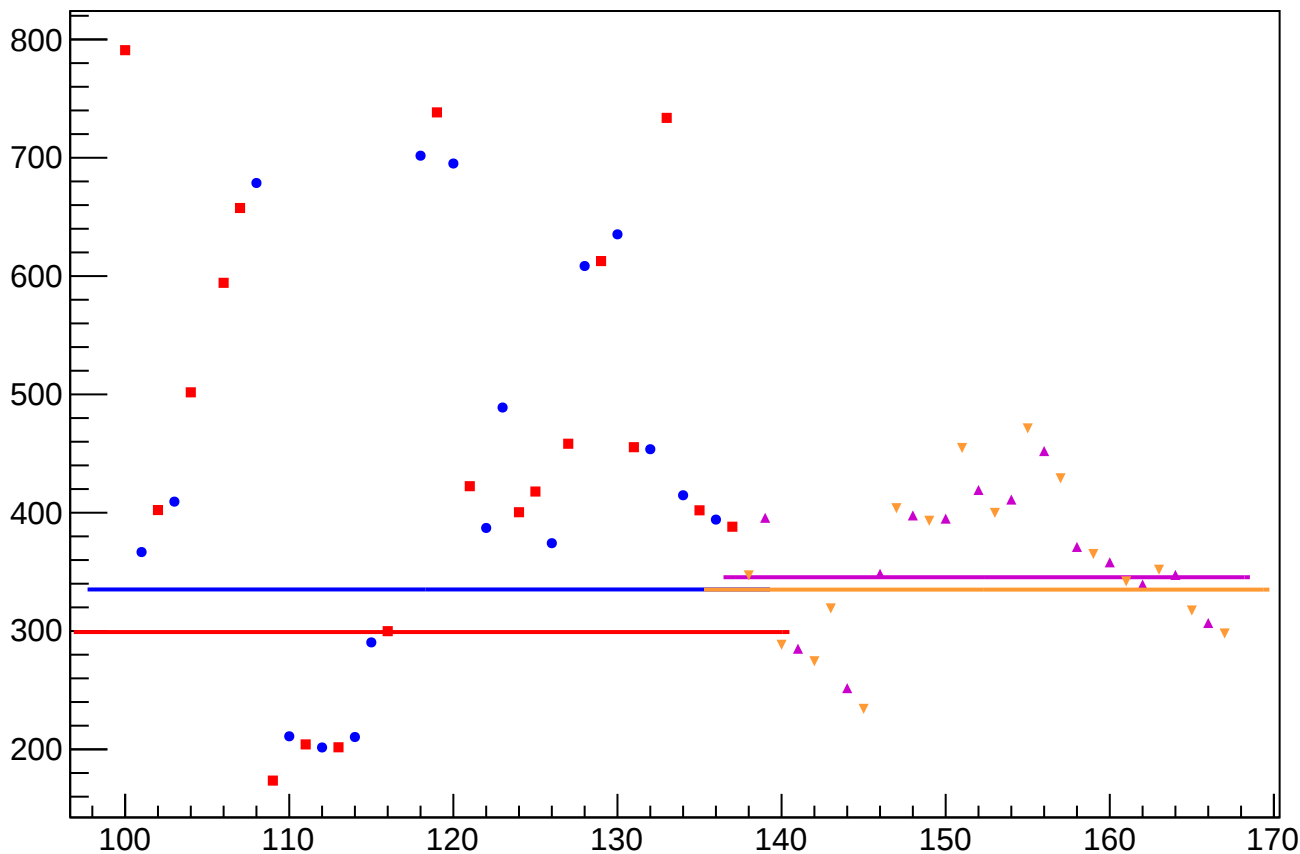
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -110.159+/-84.639 χ^2/NDF :38.4/30

Out: -282.556+/-77.623 χ^2/NDF :72.0/34

All: -203.799+/-57.208 χ^2/NDF : 112.7/65

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 335.003+/-0.070 χ^2/NDF : 849044.1/15

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 345.483+/-0.075 χ^2/NDF : 597849.8/13

Left: 339.861+/-0.051 χ^2/NDF : 1457389.4/29

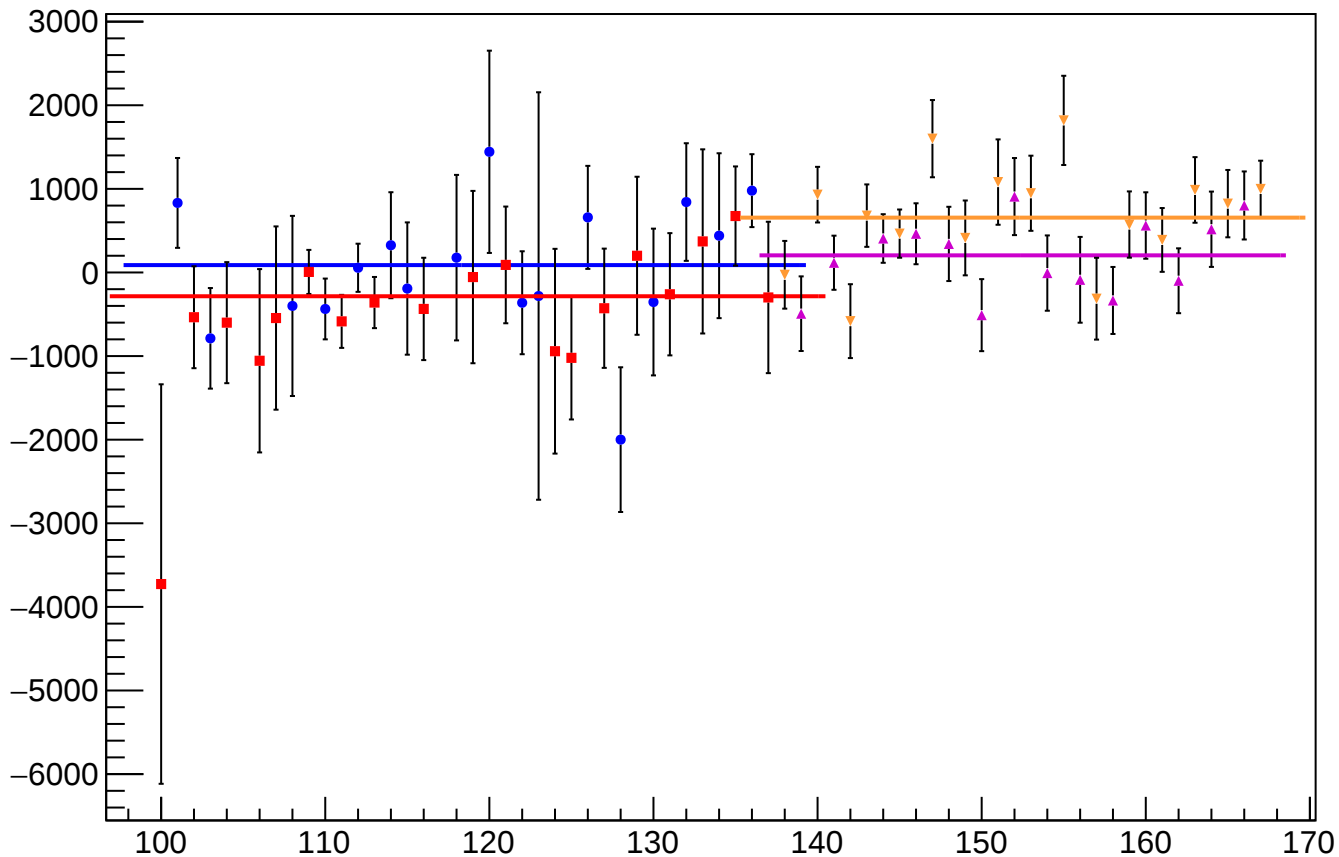
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 341.738+/-0.060 χ^2/NDF : 2598798.6/30

Out: 321.414+/-0.055 χ^2/NDF : 3780627.9/34

All: 330.698+/-0.040 χ^2/NDF : 6442065.4/65

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 655.892 $\pm$ 99.859 χ^2/NDF : 28.5/15

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 204.724 $\pm$ 106.601 χ^2/NDF : 15.1/13

Left: 445.024 $\pm$ 72.878 χ^2/NDF : 53.2/29

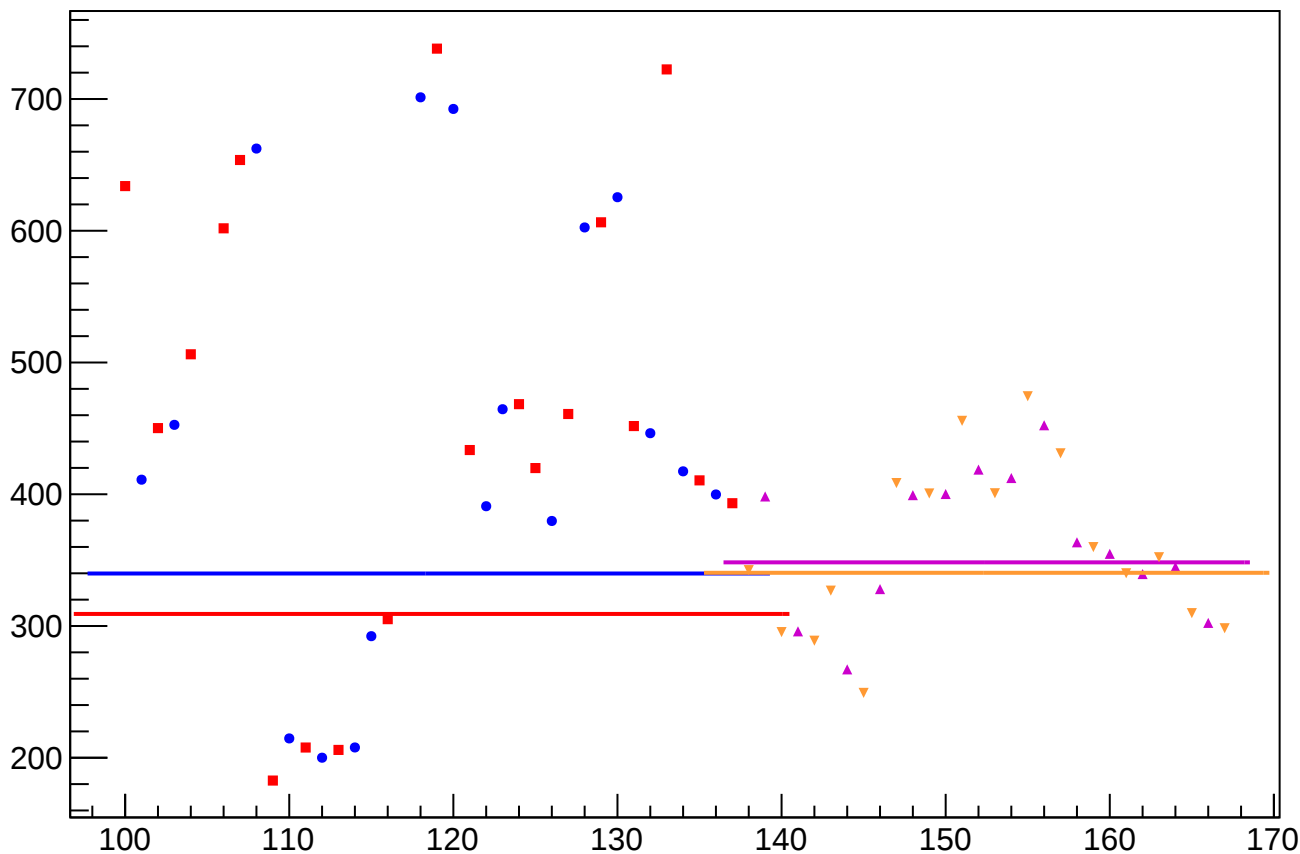
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 163.077 $\pm$ 85.470 χ^2/NDF : 36.3/30

Out: 305.819 $\pm$ 79.118 χ^2/NDF : 71.7/34

All: 239.949 $\pm$ 58.061 χ^2/NDF : 109.5/65

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 340.387 $\pm$ 0.071 χ^2 /NDF: 728395.8/15

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 348.309 $\pm$ 0.075 χ^2 /NDF: 494673.3/13

Left: 344.090 $\pm$ 0.052 χ^2 /NDF: 1228953.0/29

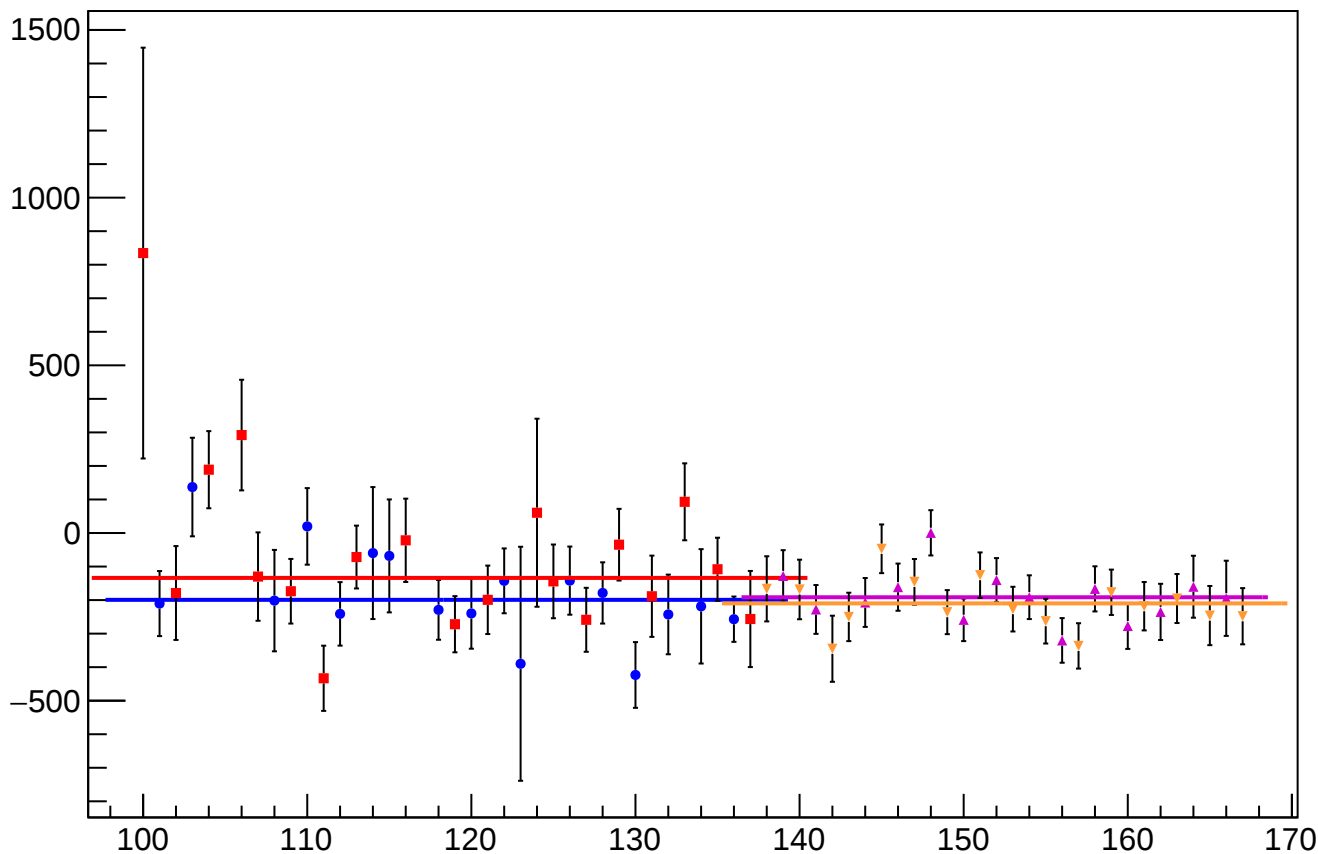
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 345.288 $\pm$ 0.060 χ^2 /NDF: 2542694.3/30

Out: 328.762 $\pm$ 0.056 χ^2 /NDF: 3537094.7/34

All: 336.388 $\pm$ 0.041 χ^2 /NDF: 6120057.4/65

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -209.855 $\pm$ 18.501 χ^2/NDF : 15.1/15

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -191.597 $\pm$ 19.299 χ^2/NDF : 16.8/13

Left: -201.111 $\pm$ 13.355 χ^2/NDF : 32.4/29

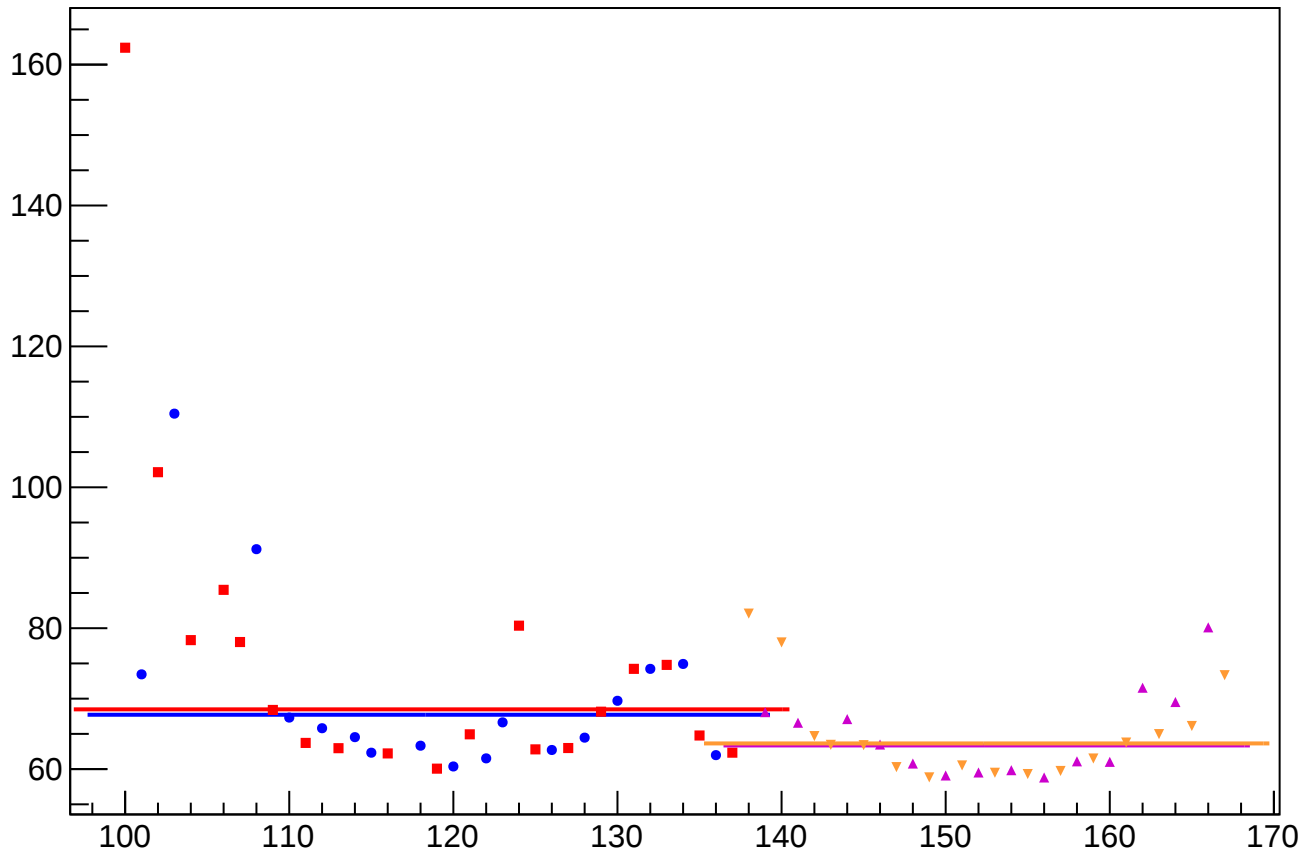
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -194.248 $\pm$ 15.604 χ^2/NDF : 34.5/30

Out: -184.600 $\pm$ 15.118 χ^2/NDF : 59.9/34

All: -189.272 $\pm$ 10.858 χ^2/NDF : 94.6/65

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.644 $\pm$ 0.013 χ^2 /NDF: 198253.1/15

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.358 $\pm$ 0.014 χ^2 /NDF: 128041.1/13

Left: 63.507 $\pm$ 0.009 χ^2 /NDF: 326523.1/29

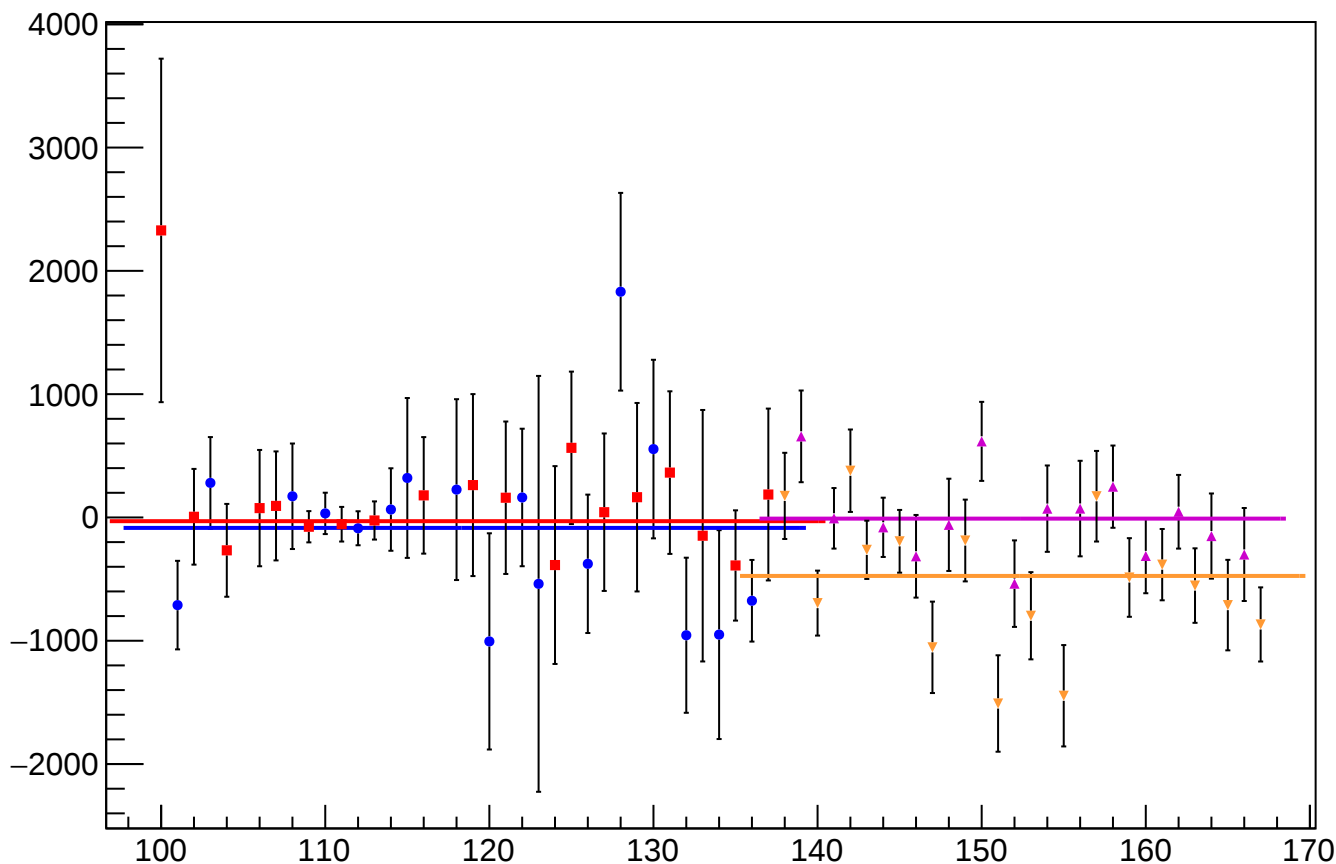
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.867 $\pm$ 0.011 χ^2 /NDF: 446240.8/30

Out: 65.251 $\pm$ 0.011 χ^2 /NDF: 525096.3/34

All: 65.065 $\pm$ 0.008 χ^2 /NDF: 971962.2/65

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759+/-82.667 χ^2/NDF : 19.9/16

Left Out: -474.286+/-78.965 χ^2/NDF : 34.7/15

Right Out: -30.219+/-69.663 χ^2/NDF : 6.3/18

Left In: -9.488+/-85.634 χ^2/NDF : 12.7/13

Left: -260.688+/-58.051 χ^2/NDF : 63.3/29

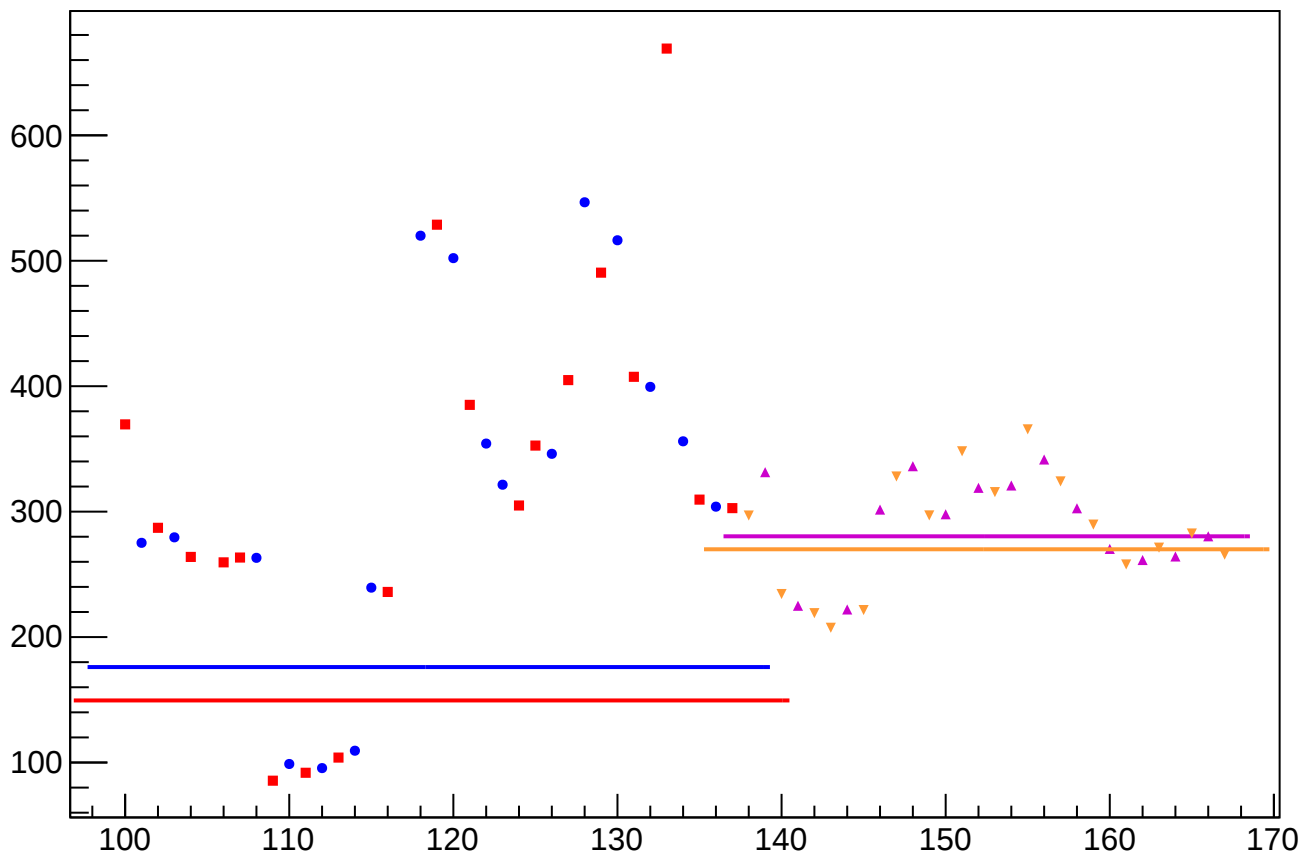
Right: -52.867+/-53.271 χ^2/NDF : 26.5/35

In: -48.450+/-59.476 χ^2/NDF : 33.0/30

Out: -224.569+/-52.240 χ^2/NDF : 58.8/34

All: -147.869+/-39.249 χ^2/NDF : 96.8/65

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.993+/-0.056 χ^2/NDF : 648518.8/15

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 280.333+/-0.061 χ^2/NDF : 440437.5/13

Left: 274.745+/-0.041 χ^2/NDF : 1104714.4/29

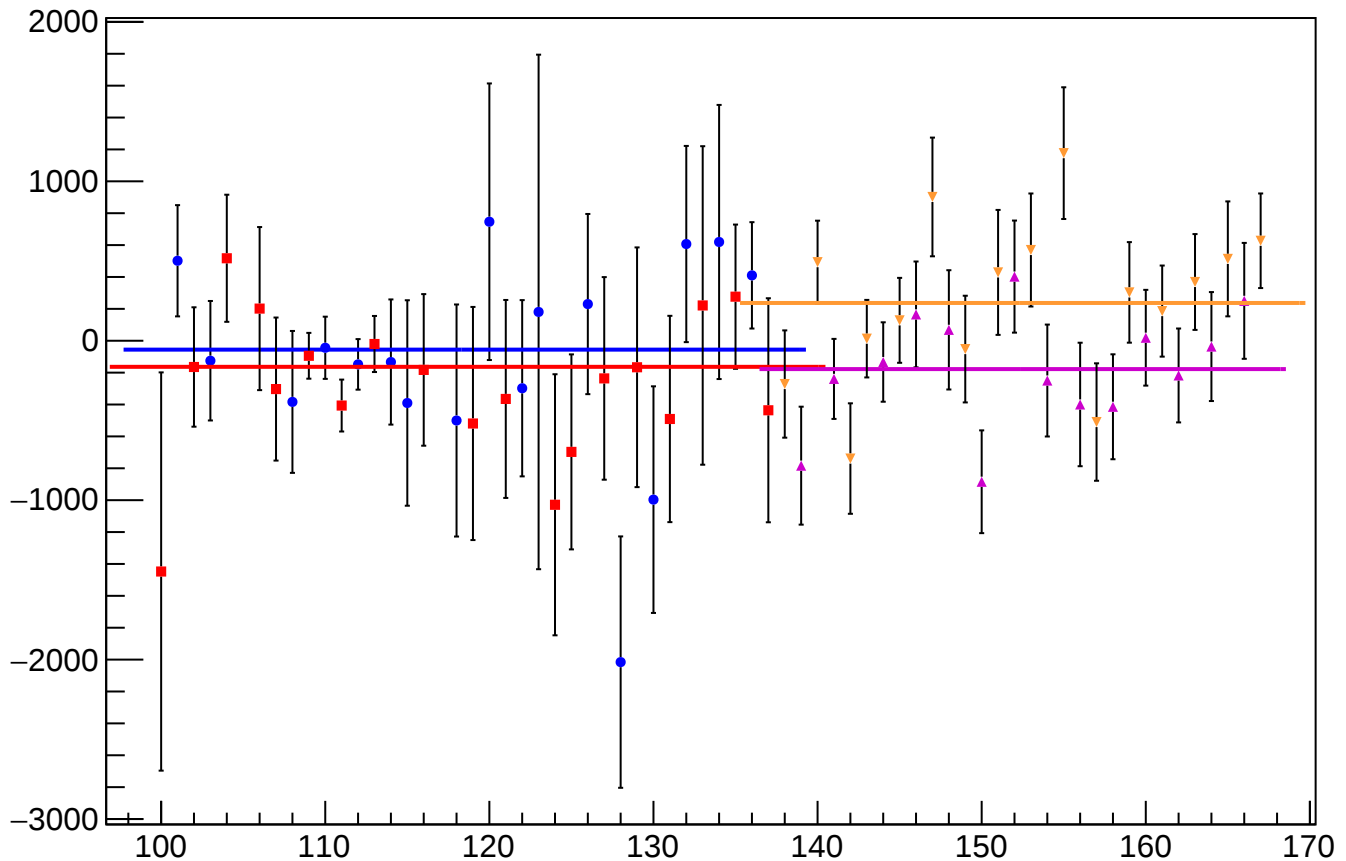
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 226.378+/-0.042 χ^2/NDF : 6197967.7/30

Out: 202.226+/-0.037 χ^2/NDF : 8088925.4/34

All: 212.744+/-0.028 χ^2/NDF : 14473074.9/65

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 237.002 ± 79.247 χ^2/NDF : 29.1/15

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -177.783 ± 85.746 χ^2/NDF : 14.7/13

Left: 45.922 ± 58.198 χ^2/NDF : 56.4/29

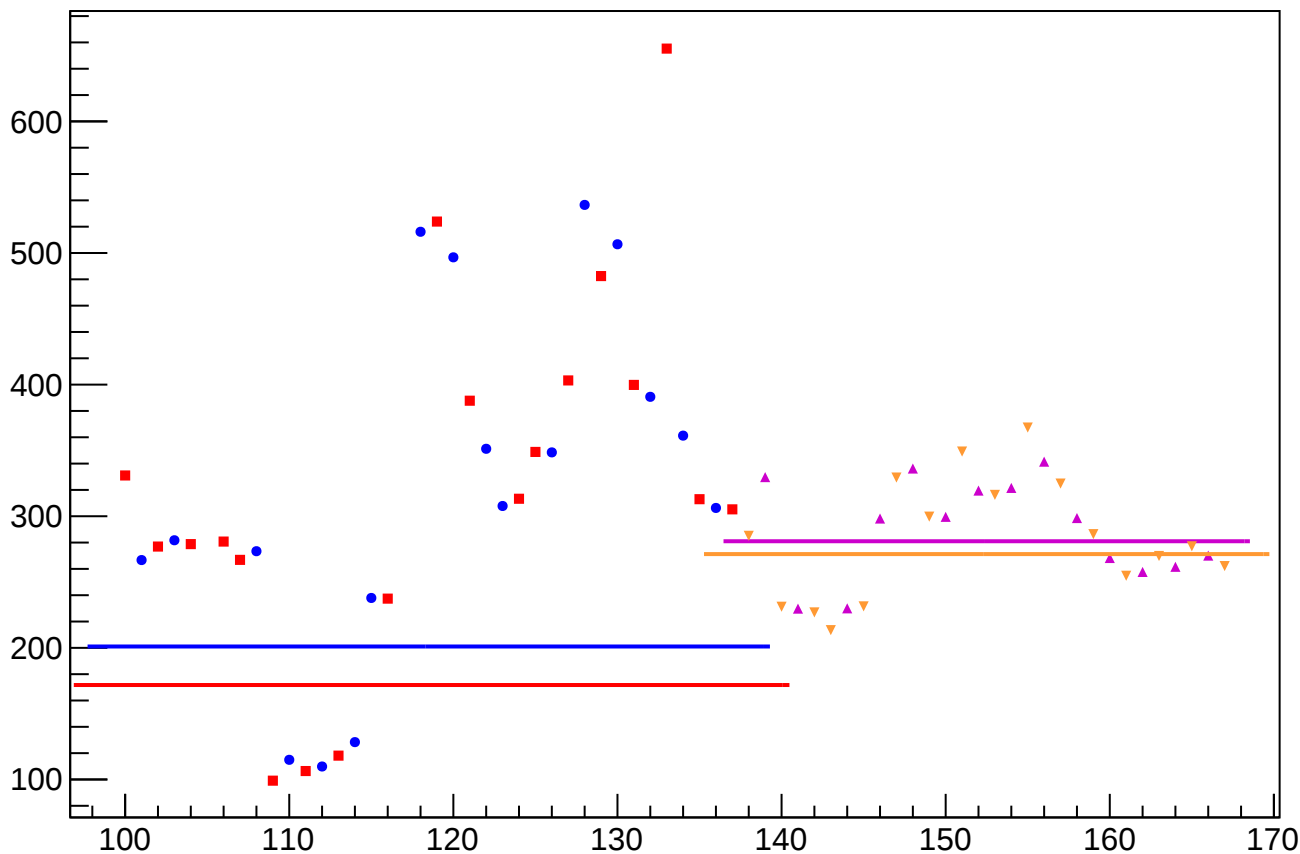
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -120.092 ± 62.268 χ^2/NDF : 32.8/30

Out: 30.766 ± 55.197 χ^2/NDF : 53.7/34

All: -35.615 ± 41.305 χ^2/NDF : 89.8/65

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.240+/-0.056 χ^2/NDF : 579768.3/15

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 281.000+/-0.061 χ^2/NDF : 386836.0/13

Left: 275.736+/-0.041 χ^2/NDF : 980580.6/29

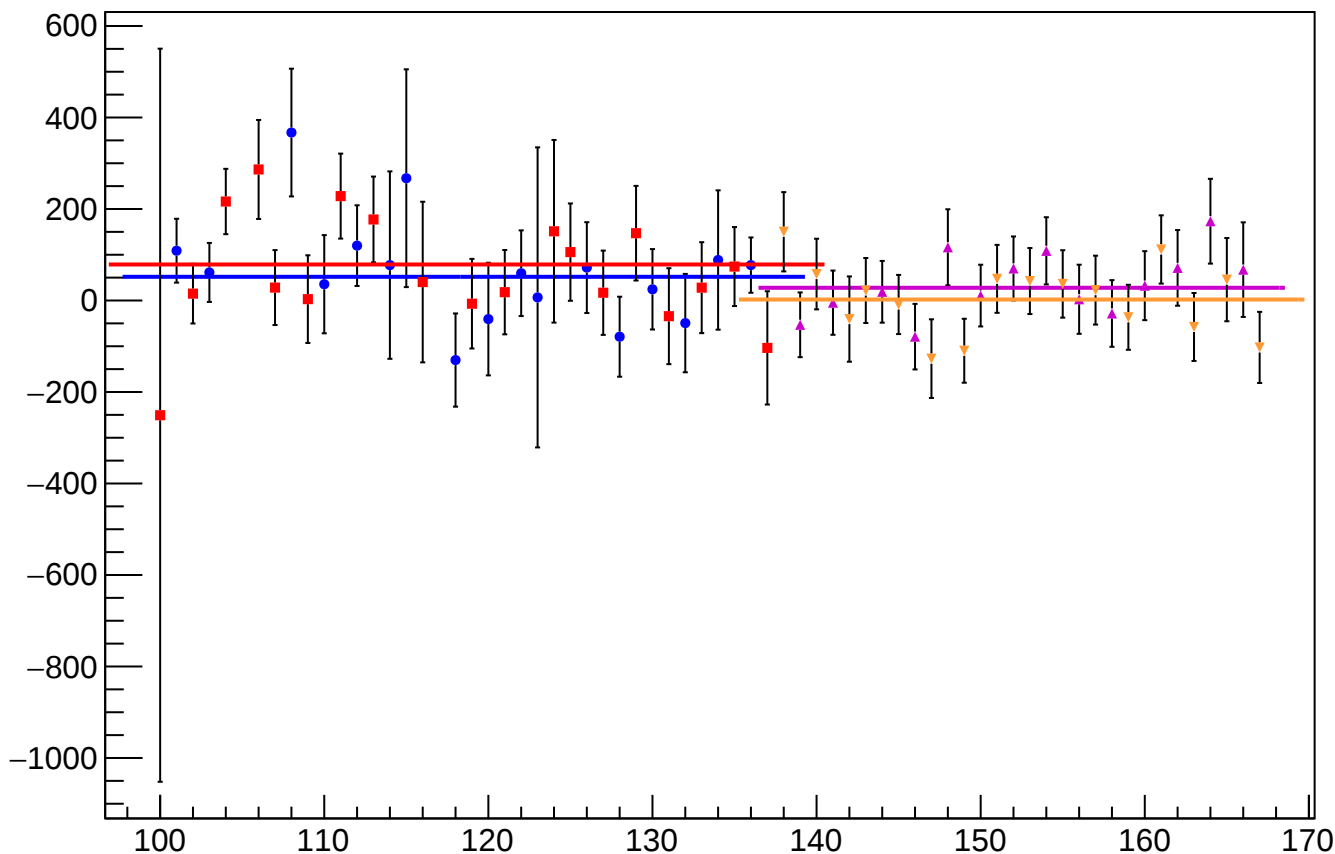
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 243.205+/-0.044 χ^2/NDF : 4641968.8/30

Out: 220.024+/-0.039 χ^2/NDF : 6300452.8/34

All: 230.224+/-0.029 χ^2/NDF : 11097639.8/65

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: 2.113 $\pm$ 18.992 χ^2 /NDF:14.7/15

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 27.802 $\pm$ 20.132 χ^2 /NDF:10.1/13

Left: 14.210 $\pm$ 13.815 χ^2 /NDF: 25.7/29

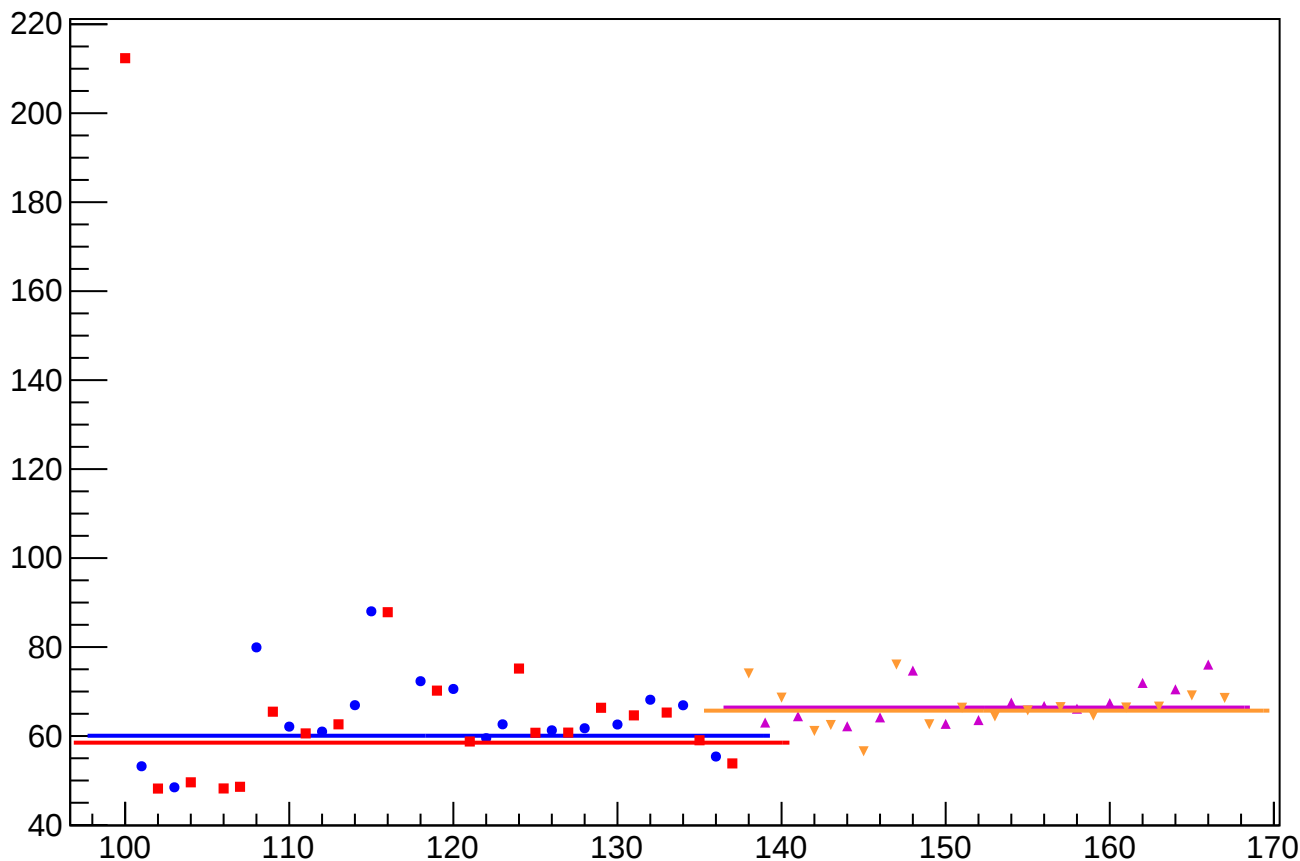
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.940 $\pm$ 15.299 χ^2 /NDF:25.3/30

Out: 34.013 $\pm$ 14.510 χ^2 /NDF:40.6/34

All: 35.873 $\pm$ 10.528 χ^2 /NDF: 65.9/65

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.706 $\pm$ 0.013 χ^2 /NDF:110767.8/15

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.397 $\pm$ 0.014 χ^2 /NDF:76081.3/13

Left: 66.031 $\pm$ 0.010 χ^2 /NDF: 188096.7/29

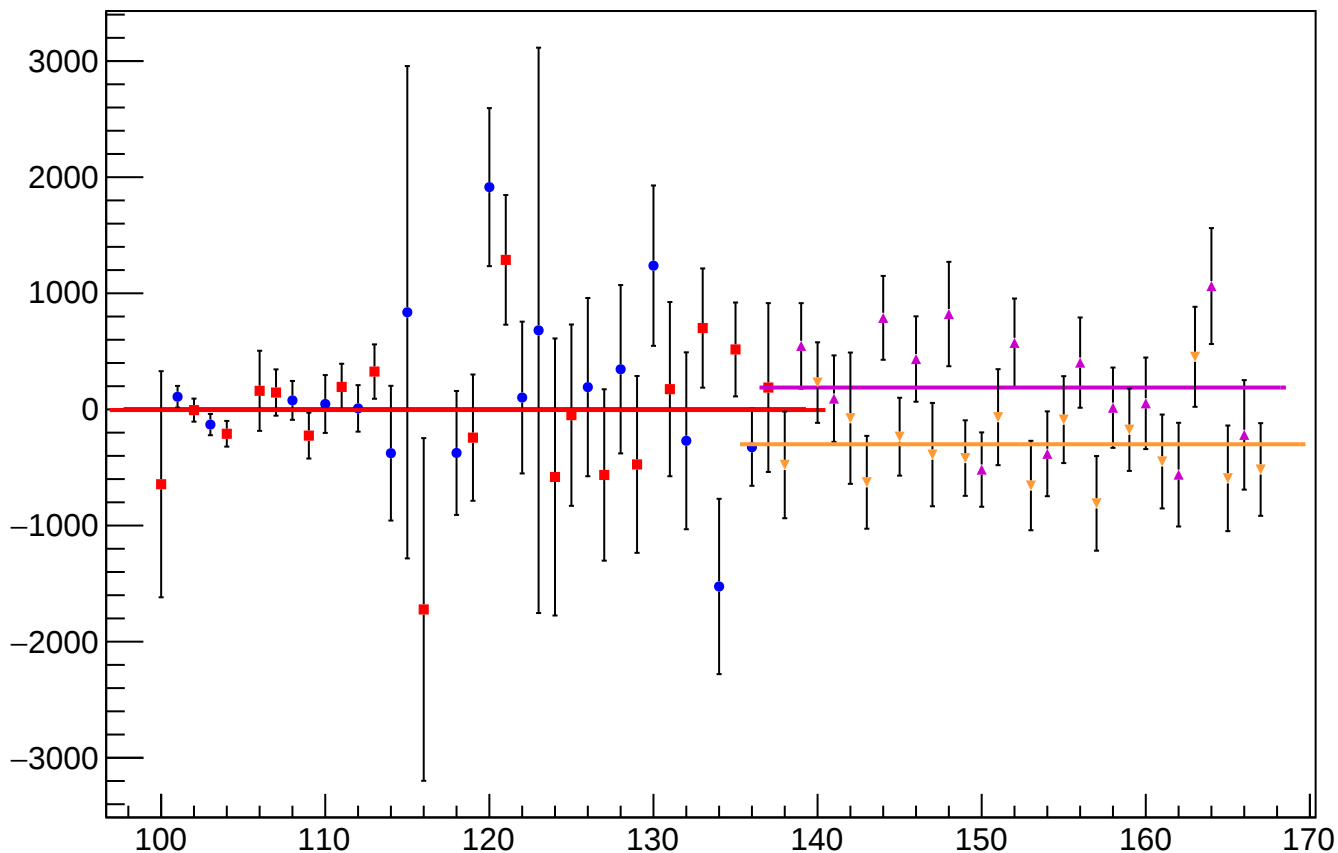
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 63.722 $\pm$ 0.011 χ^2 /NDF:388762.5/30

Out: 62.710 $\pm$ 0.010 χ^2 /NDF:579163.5/34

All: 63.189 $\pm$ 0.007 χ^2 /NDF: 972536.0/65

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -299.876 ± 98.950 χ^2/NDF : 10.6/15

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 188.359 ± 103.341 χ^2/NDF : 21.8/13

Left: -66.351 ± 71.470 χ^2/NDF : 44.1/29

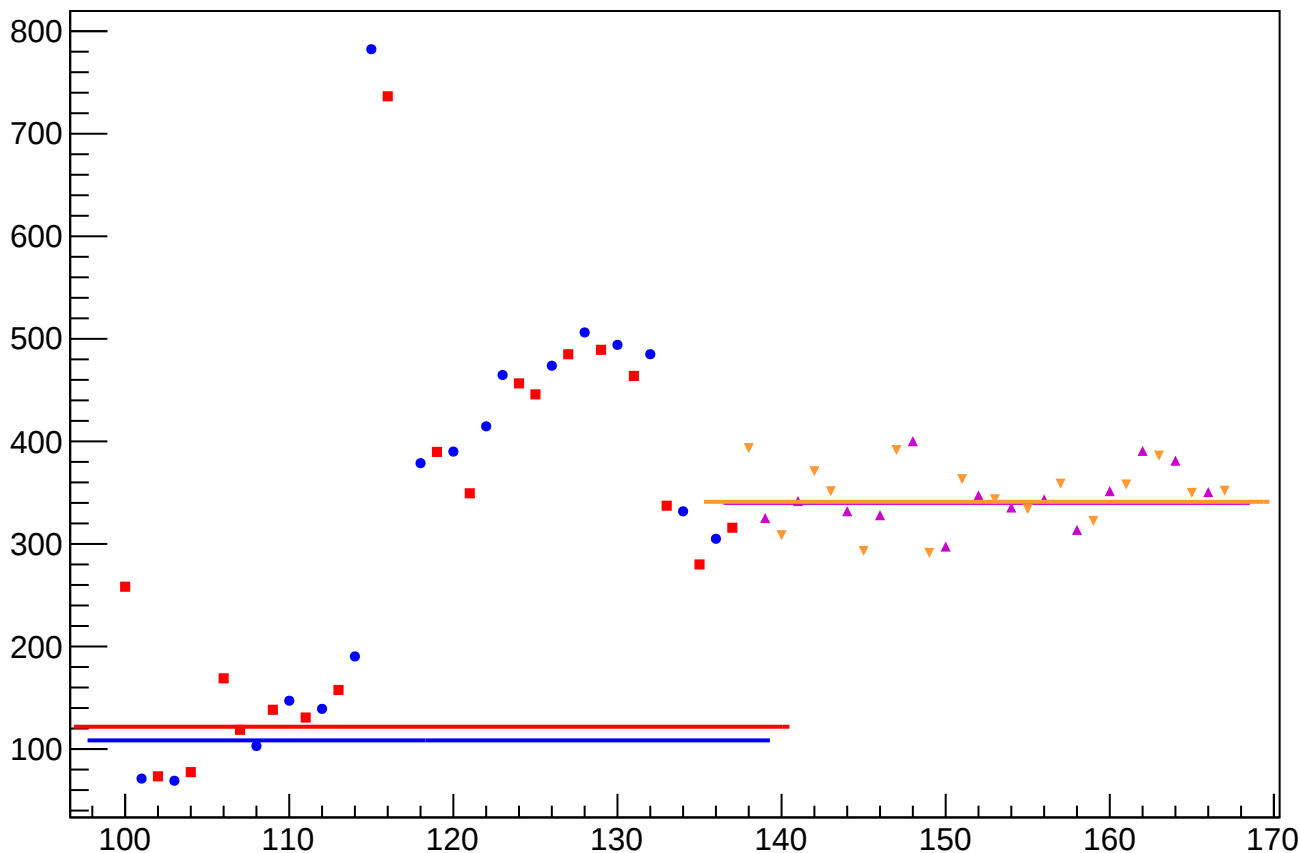
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 41.973 ± 48.057 χ^2/NDF : 45.8/30

Out: -77.836 ± 49.075 χ^2/NDF : 38.0/34

All: -16.676 ± 34.336 χ^2/NDF : 86.8/65

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 341.089+/-0.070 χ^2/NDF : 207344.3/15

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 340.000+/-0.073 χ^2/NDF : 132459.1/13

Left: 340.568+/-0.051 χ^2/NDF : 339919.4/29

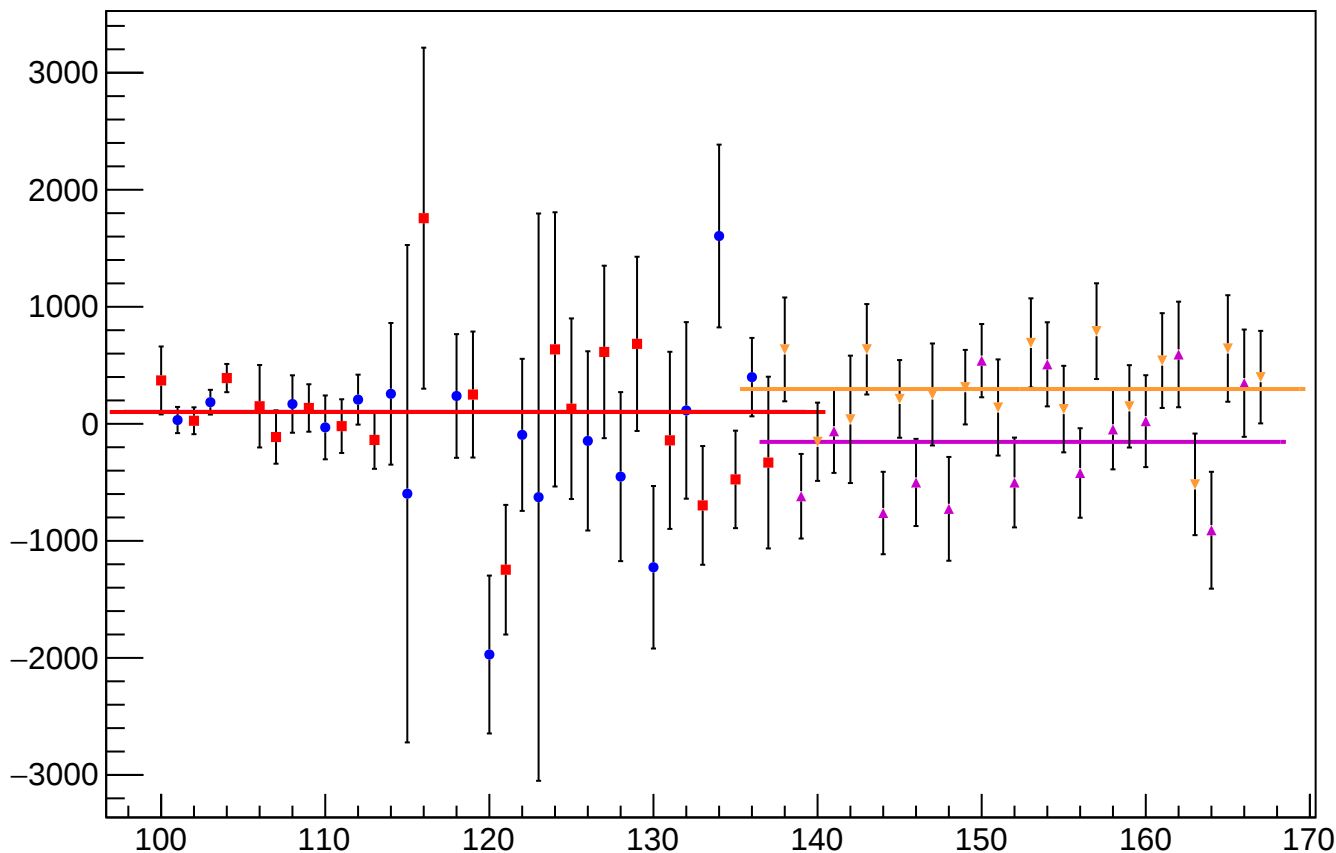
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 158.520+/-0.034 χ^2/NDF : 13406340.2/30

Out: 175.714+/-0.035 χ^2/NDF : 12387311.8/34

All: 166.937+/-0.024 χ^2/NDF : 25918966.2/65

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 297.395 $\pm$ 97.532 χ^2 /NDF:11.1/15

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -154.292 $\pm$ 101.939 χ^2 /NDF:23.4/13

Left: 81.527 $\pm$ 70.472 χ^2 /NDF: 44.7/29

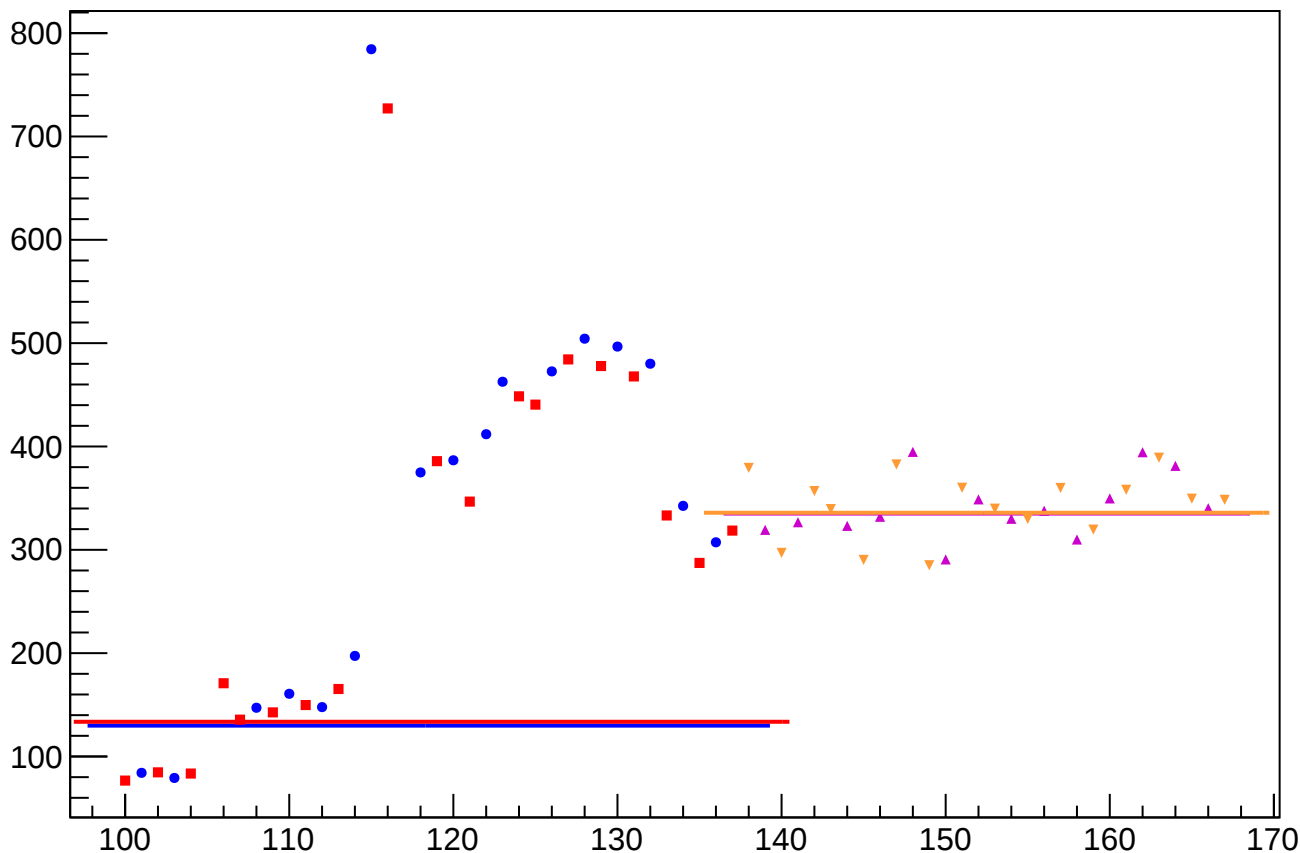
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 31.118 $\pm$ 53.670 χ^2 /NDF:48.2/30

Out: 156.201 $\pm$ 51.624 χ^2 /NDF:36.6/34

All: 96.089 $\pm$ 37.206 χ^2 /NDF: 87.7/65

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 335.886+/-0.069 χ^2/NDF : 219886.7/15

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 335.087+/-0.072 χ^2/NDF : 152413.1/13

Left: 335.504+/-0.050 χ^2/NDF : 372364.0/29

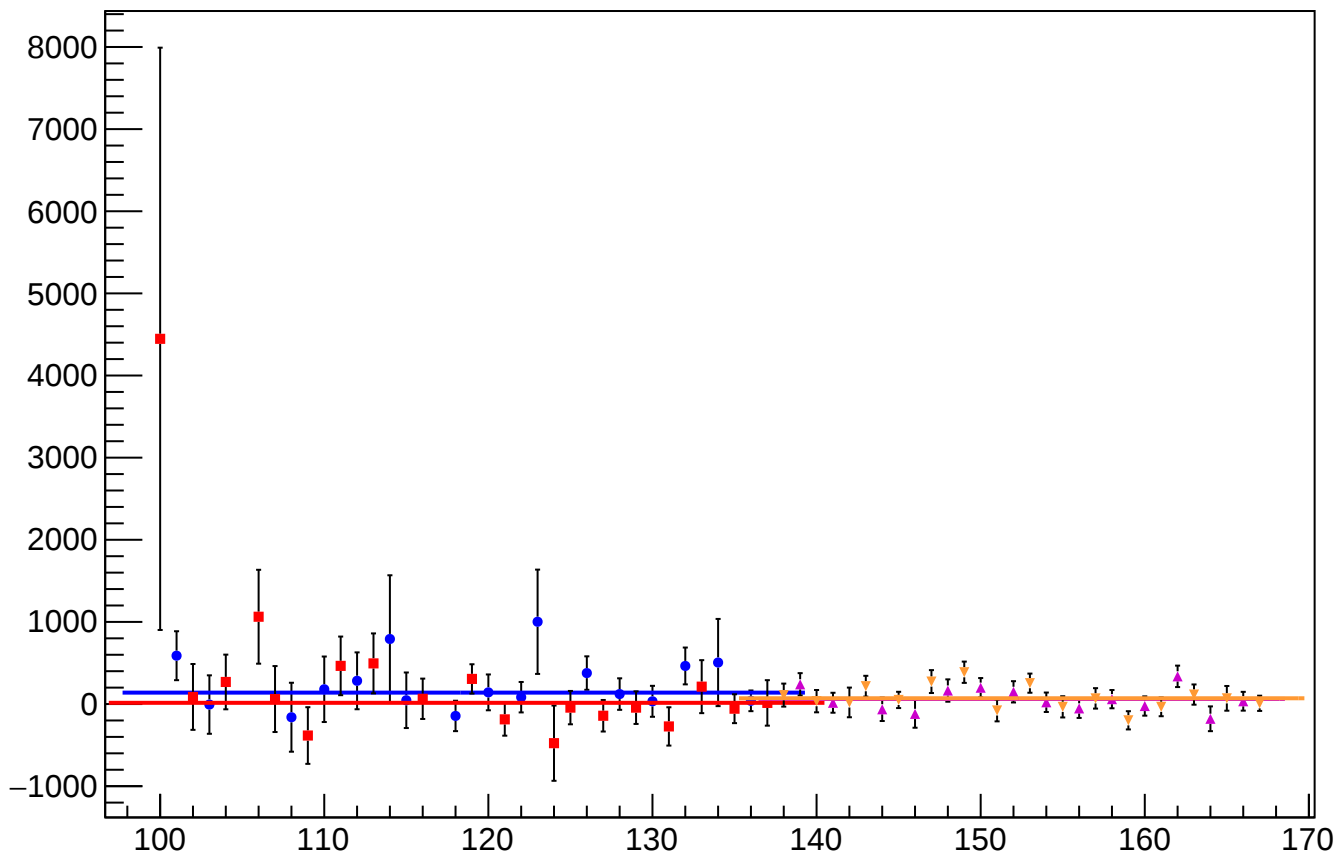
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 186.764+/-0.038 χ^2/NDF : 10839783.8/30

Out: 190.275+/-0.037 χ^2/NDF : 10776035.9/34

All: 188.588+/-0.026 χ^2/NDF : 21620265.9/65

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: 70.194 $\pm$ 30.865 χ^2 /NDF:21.3/15

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 62.238 $\pm$ 33.901 χ^2 /NDF:14.9/13

Left: 66.588 $\pm$ 22.823 χ^2 /NDF: 36.2/29

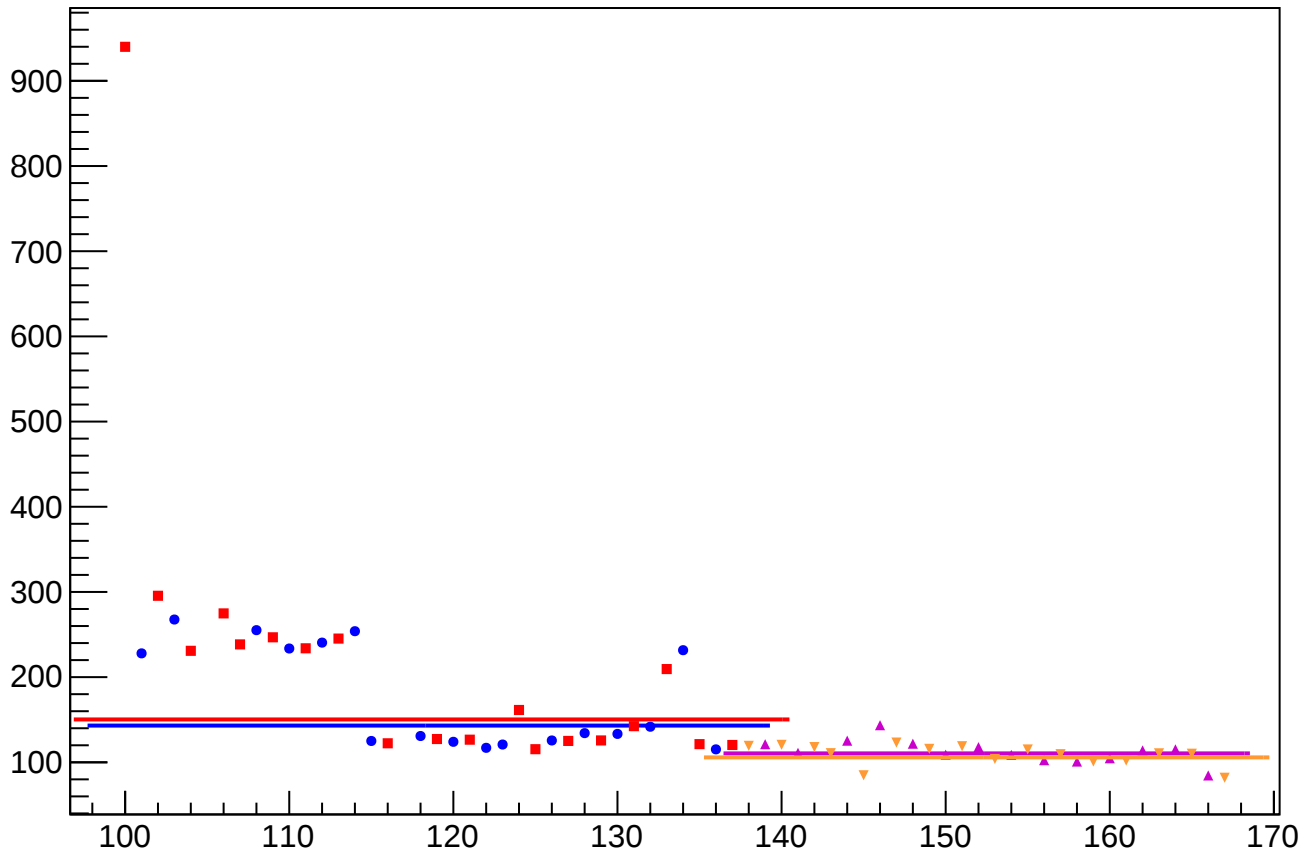
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 81.818 $\pm$ 29.266 χ^2 /NDF:29.3/30

Out: 58.662 $\pm$ 27.458 χ^2 /NDF:40.0/34

All: 69.503 $\pm$ 20.024 χ^2 /NDF: 69.6/65

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 ± 0.041 $\chi^2/\text{NDF}: 1101269.0/16$

Left Out: 105.769 ± 0.022 $\chi^2/\text{NDF}: 362914.8/15$

Right Out: 150.336 ± 0.043 $\chi^2/\text{NDF}: 1432034.4/18$

Left In: 110.479 ± 0.024 $\chi^2/\text{NDF}: 267426.6/13$

Left: 107.904 ± 0.016 $\chi^2/\text{NDF}: 651449.6/29$

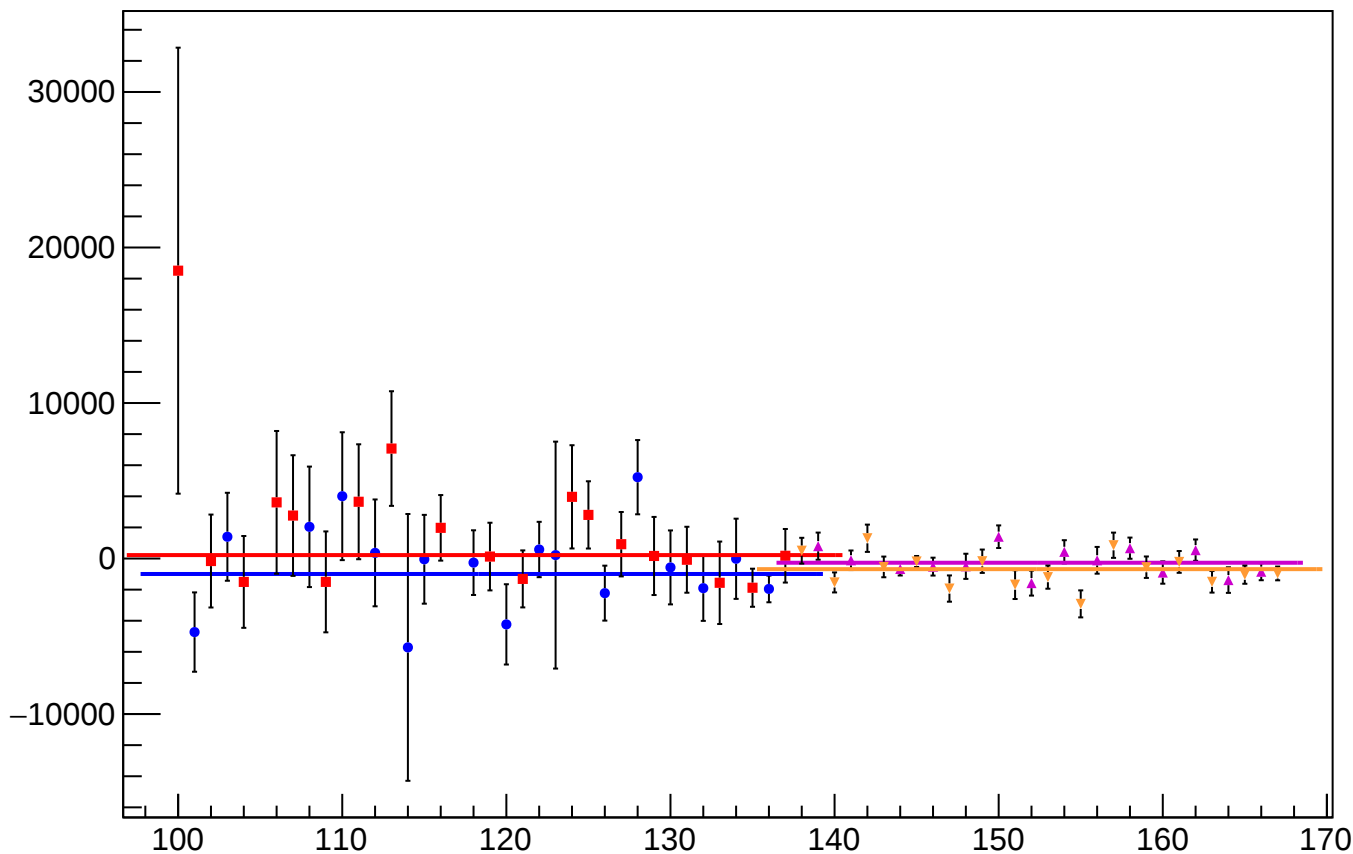
Right: 146.608 ± 0.030 $\chi^2/\text{NDF}: 2548152.2/35$

In: 118.800 ± 0.021 $\chi^2/\text{NDF}: 1841610.5/30$

Out: 115.066 ± 0.019 $\chi^2/\text{NDF}: 2664786.0/34$

All: 116.814 ± 0.014 $\chi^2/\text{NDF}: 4523713.0/65$

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -682.592+/-160.810 χ^2/NDF : 28.0/15

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -270.811+/-177.707 χ^2/NDF : 18.6/13

Left: -497.204+/-119.237 χ^2/NDF : 49.6/29

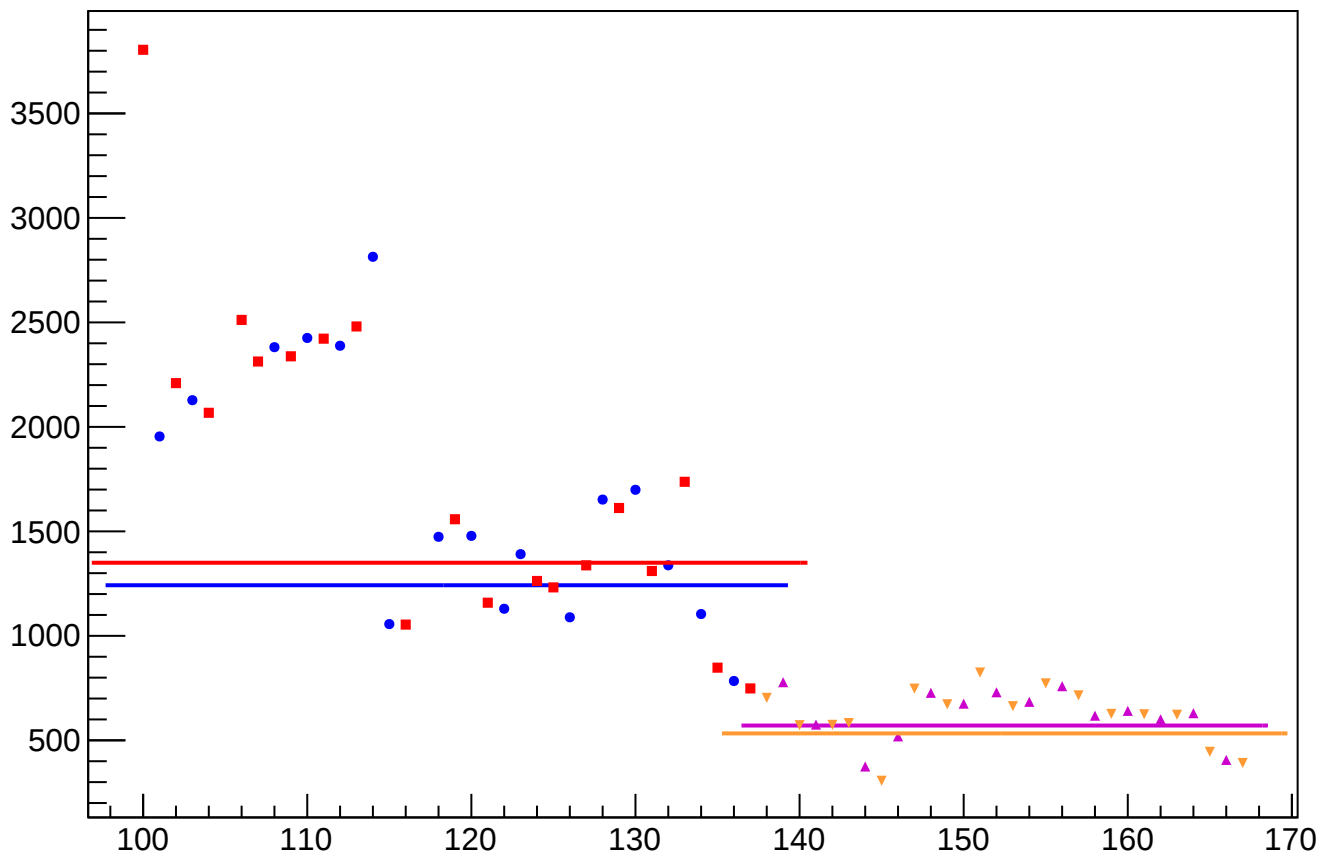
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -347.346+/-168.038 χ^2/NDF : 37.3/30

Out: -609.810+/-154.200 χ^2/NDF : 45.7/34

All: -489.827+/-113.614 χ^2/NDF : 84.3/65

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 ± 0.365 $\chi^2/\text{NDF}: 1767422.8/16$

Left Out: 533.164 ± 0.114 $\chi^2/\text{NDF}: 1992340.6/15$

Right Out: 1349.870 ± 0.384 $\chi^2/\text{NDF}: 1867853.5/18$

Left In: 570.851 ± 0.126 $\chi^2/\text{NDF}: 1124349.9/13$

Left: 550.131 ± 0.084 $\chi^2/\text{NDF}: 3166143.4/29$

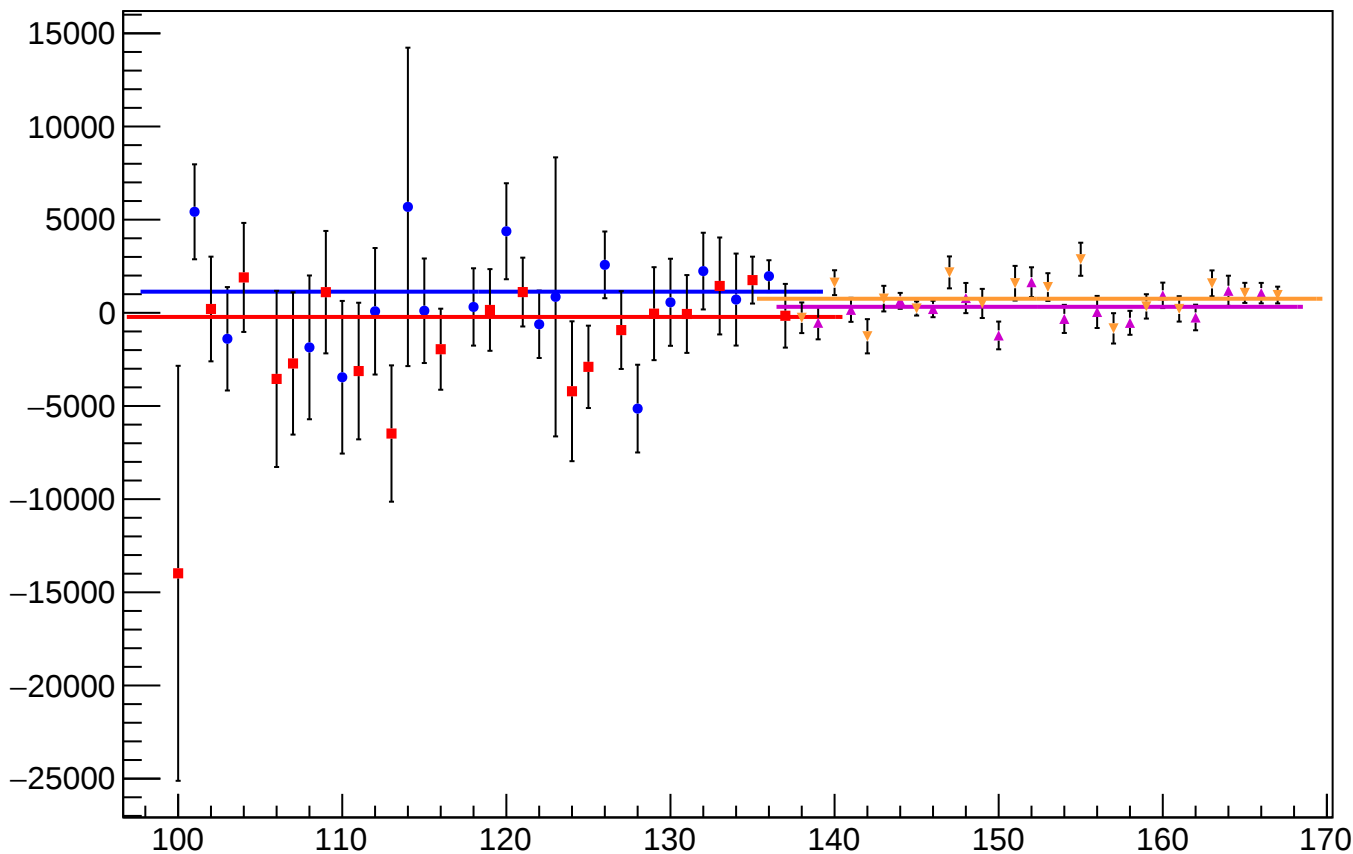
Right: 1293.283 ± 0.265 $\chi^2/\text{NDF}: 3676549.5/35$

In: 641.917 ± 0.119 $\chi^2/\text{NDF}: 5913239.2/30$

Out: 598.922 ± 0.109 $\chi^2/\text{NDF}: 8013724.6/34$

All: 618.577 ± 0.080 $\chi^2/\text{NDF}: 13998042.6/65$

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 756.035 $\pm$ 162.975 χ^2/NDF : 26.7/15

Right Out: -220.849 $\pm$ 547.528 χ^2/NDF : 13.5/18

Left In: 322.118 $\pm$ 171.828 χ^2/NDF : 16.0/13

Left: 550.542 $\pm$ 118.247 χ^2/NDF : 46.1/29

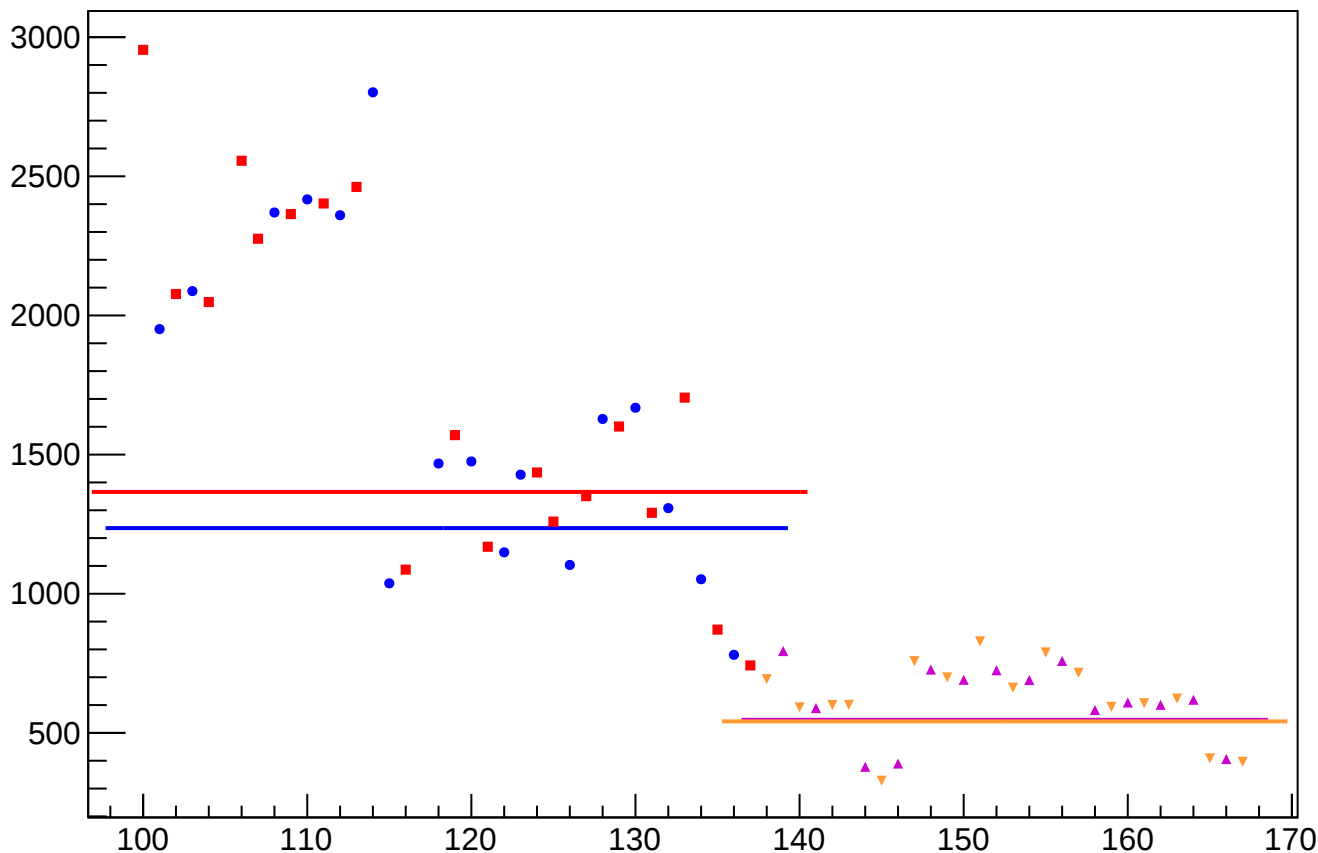
Right: 500.276 $\pm$ 374.656 χ^2/NDF : 34.5/35

In: 403.917 $\pm$ 162.956 χ^2/NDF : 36.1/30

Out: 676.528 $\pm$ 156.202 χ^2/NDF : 43.2/34

All: 545.988 $\pm$ 112.764 χ^2/NDF : 80.7/65

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 541.363+/-0.115 χ^2/NDF : 1821206.4/15

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 546.996+/-0.122 χ^2/NDF : 1380045.7/13

Left: 544.030+/-0.084 χ^2/NDF : 3202383.8/29

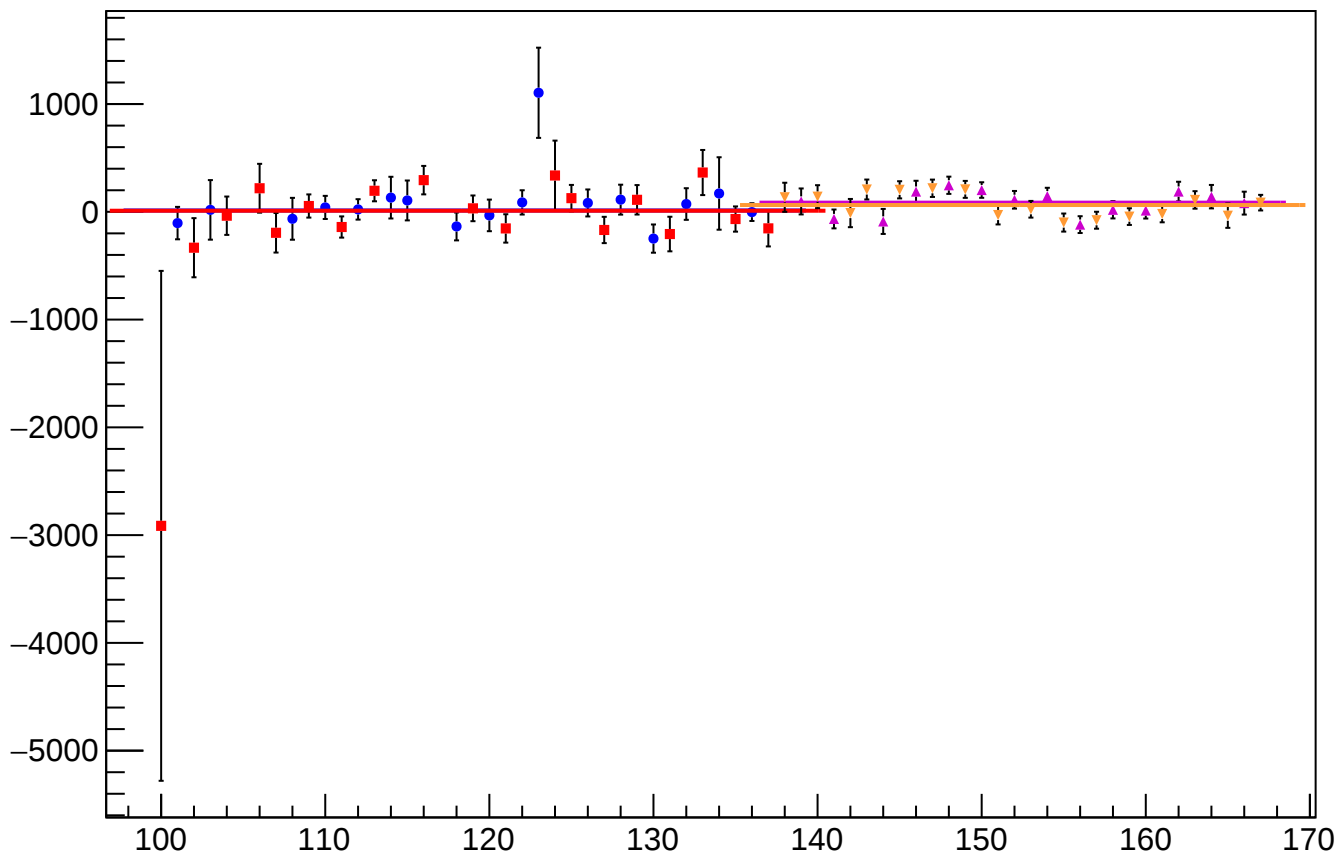
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 616.304+/-0.115 χ^2/NDF : 6360288.5/30

Out: 608.474+/-0.110 χ^2/NDF : 7738152.8/34

All: 612.223+/-0.080 χ^2/NDF : 14100848.0/65

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 62.986 ± 21.566 $\chi^2/\text{NDF}: 26.5/15$

Right Out: 10.036 ± 32.603 $\chi^2/\text{NDF}: 28.3/18$

Left In: 85.044 ± 23.344 $\chi^2/\text{NDF}: 23.8/13$

Left: 73.143 ± 15.841 $\chi^2/\text{NDF}: 50.8/29$

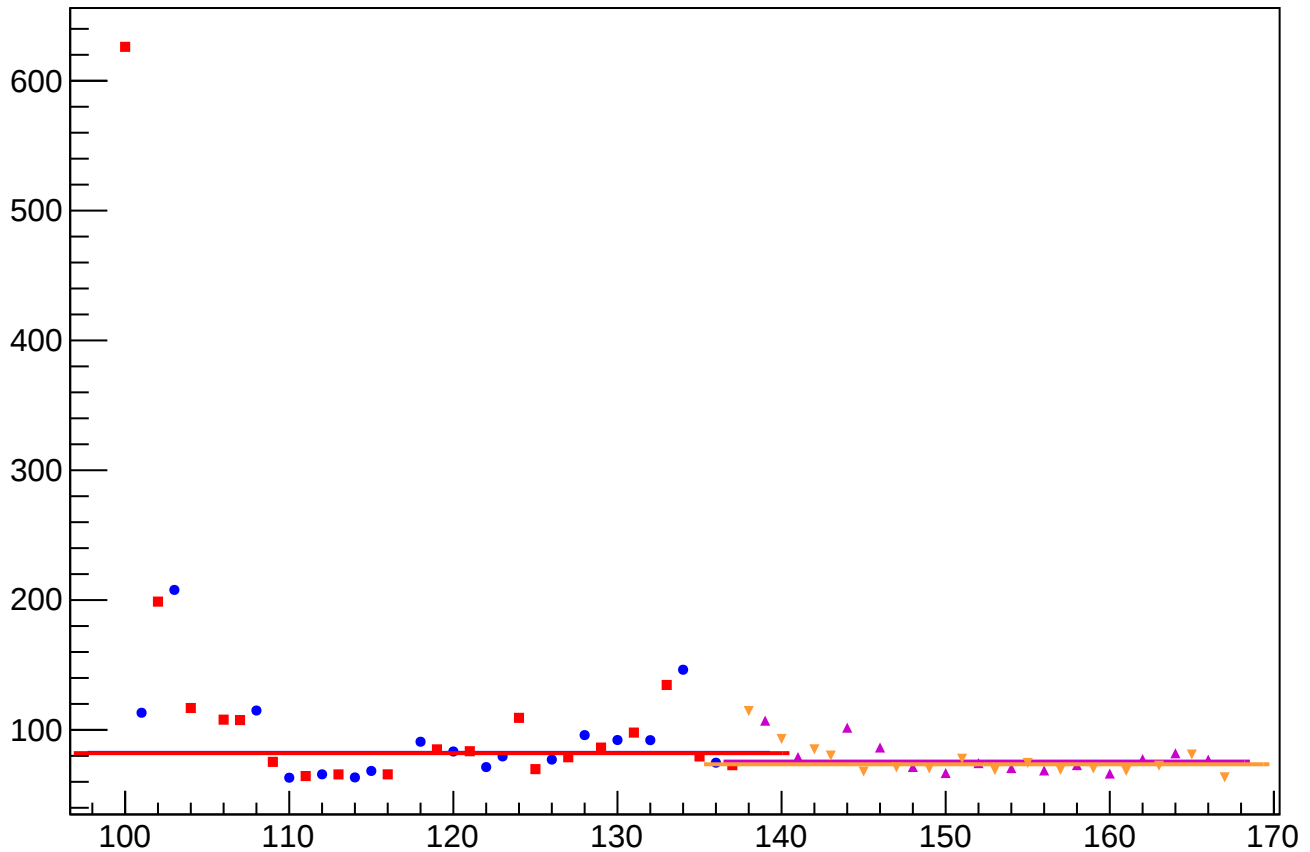
Right: 11.151 ± 23.271 $\chi^2/\text{NDF}: 43.6/35$

In: 61.007 ± 19.101 $\chi^2/\text{NDF}: 42.3/30$

Out: 46.870 ± 17.987 $\chi^2/\text{NDF}: 56.6/34$

All: 53.514 ± 13.095 $\chi^2/\text{NDF}: 99.2/65$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 ± 0.023 $\chi^2/\text{NDF}: 868742.4/16$

Left Out: 73.519 ± 0.015 $\chi^2/\text{NDF}: 370876.7/15$

Right Out: 82.091 ± 0.023 $\chi^2/\text{NDF}: 959008.5/18$

Left In: 75.588 ± 0.017 $\chi^2/\text{NDF}: 365448.4/13$

Left: 74.472 ± 0.011 $\chi^2/\text{NDF}: 744796.5/29$

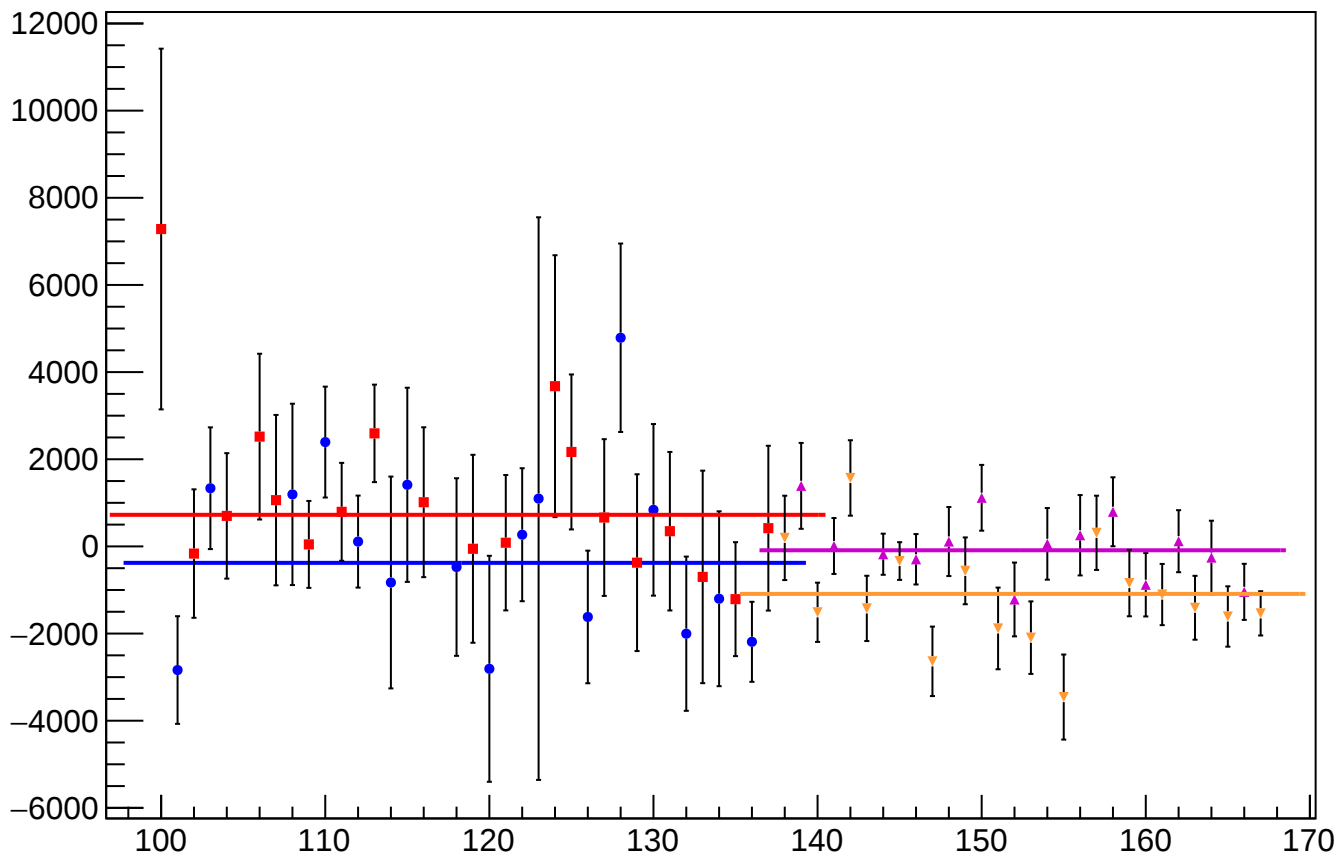
Right: 82.196 ± 0.016 $\chi^2/\text{NDF}: 1827793.7/35$

In: 77.808 ± 0.014 $\chi^2/\text{NDF}: 1288928.7/30$

Out: 76.128 ± 0.013 $\chi^2/\text{NDF}: 1426045.3/34$

All: 76.918 ± 0.009 $\chi^2/\text{NDF}: 2723170.5/65$

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -1089.846+/-178.046 χ^2/NDF :31.5/15

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: -88.624+/-190.304 χ^2/NDF :11.8/13

Left: -622.518+/-130.015 χ^2/NDF : 58.0/29

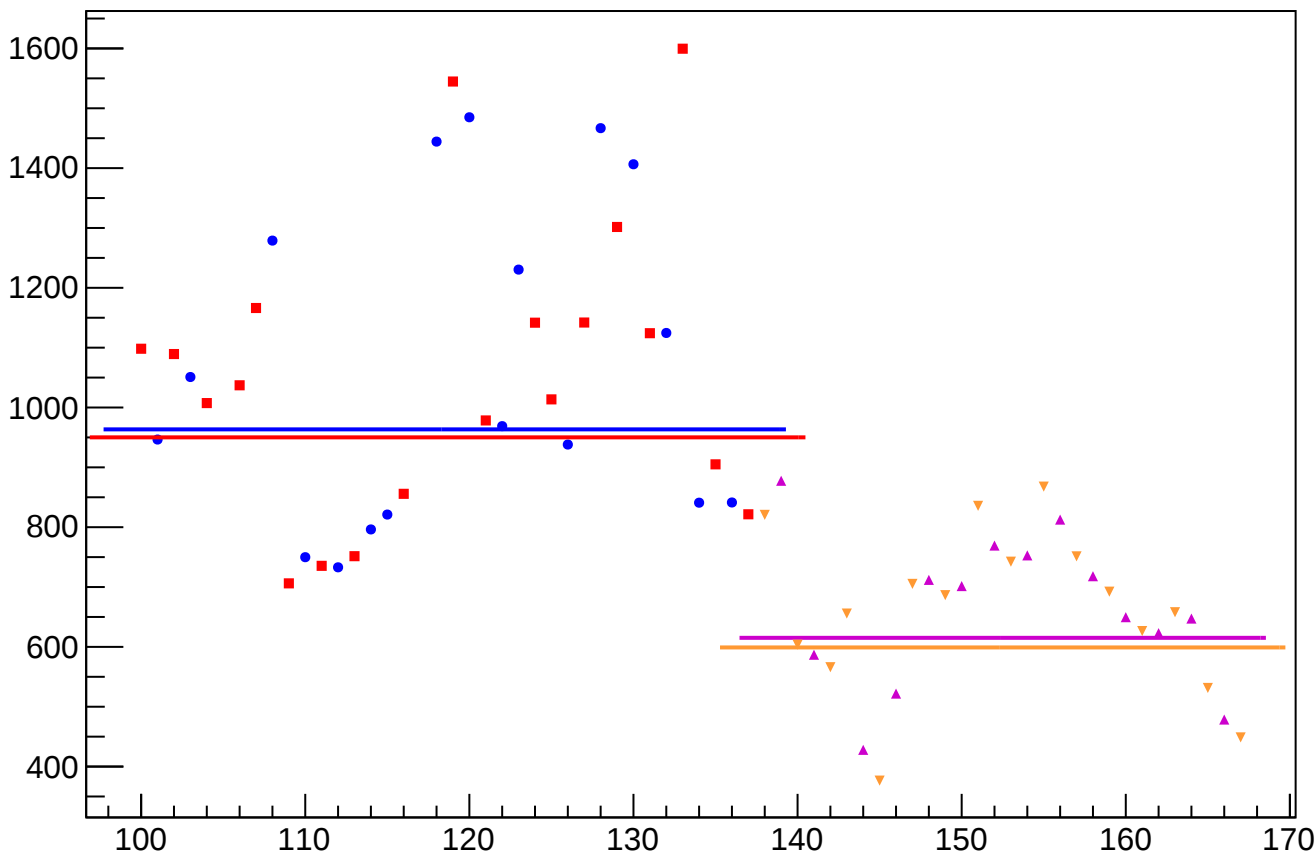
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -145.575+/-170.504 χ^2/NDF :36.7/30

Out: -744.305+/-160.204 χ^2/NDF :63.2/34

All: -463.570+/-116.753 χ^2/NDF : 106.4/65

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 599.066+/-0.126 χ^2/NDF : 1352065.3/15

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 615.132+/-0.135 χ^2/NDF : 914314.0/13

Left: 606.565+/-0.092 χ^2/NDF : 2273980.2/29

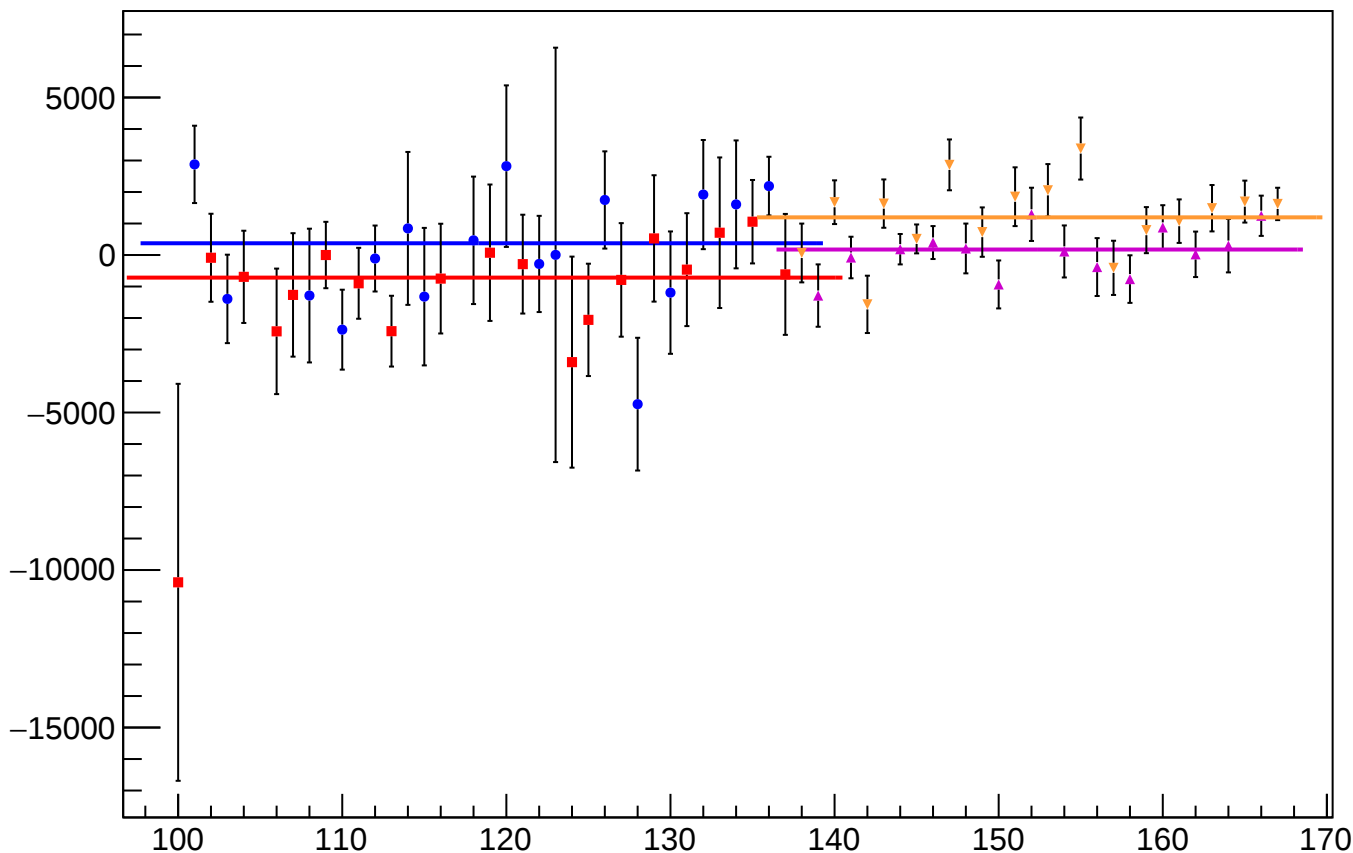
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 683.845+/-0.121 χ^2/NDF : 2925009.9/30

Out: 665.899+/-0.113 χ^2/NDF : 3564255.5/34

All: 674.314+/-0.083 χ^2/NDF : 6501033.9/65

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1195.498 $\pm$ 179.969 χ^2 /NDF:30.0/15

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 174.077 $\pm$ 188.438 χ^2 /NDF:12.2/13

Left: 708.257 $\pm$ 130.148 χ^2 /NDF: 57.5/29

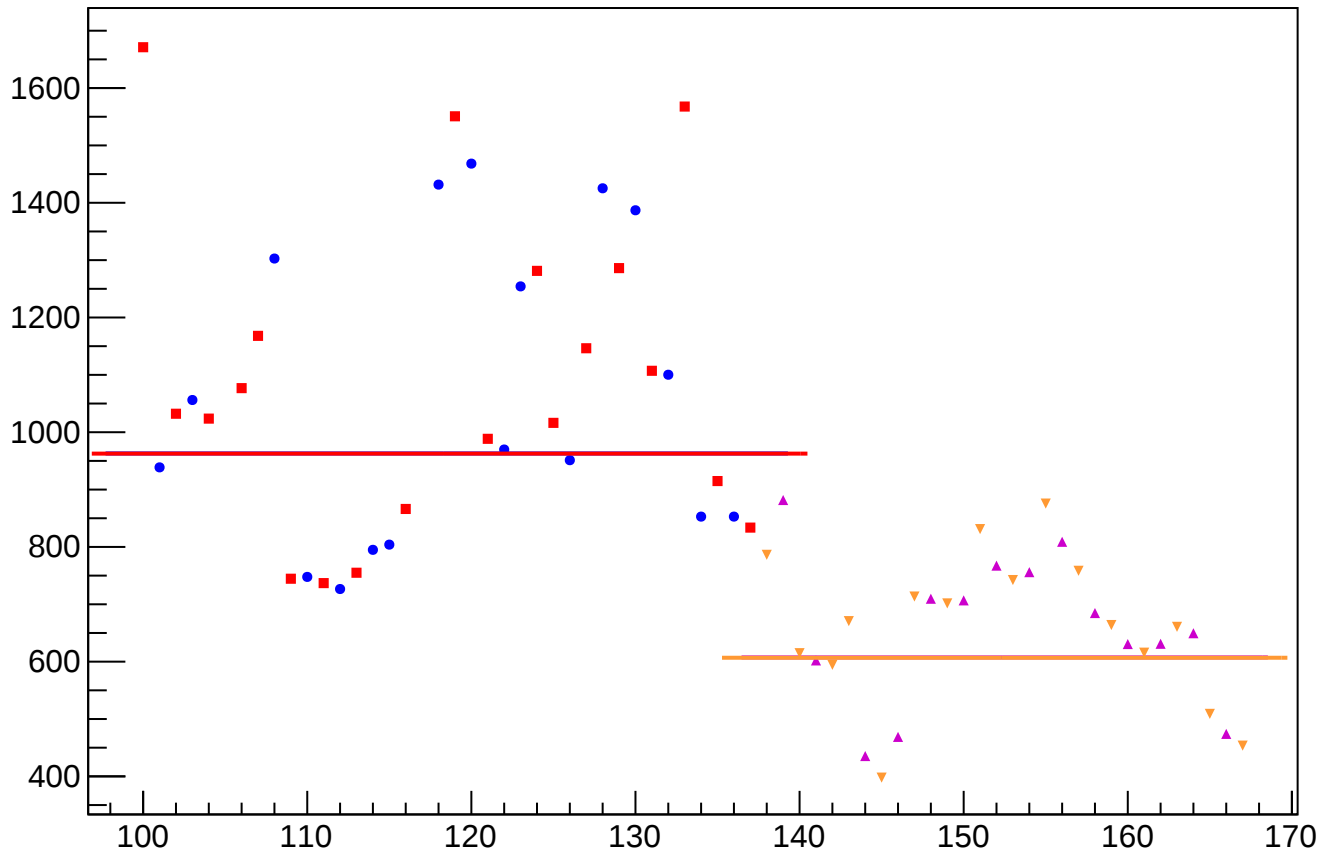
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 212.718 $\pm$ 169.138 χ^2 /NDF:37.6/30

Out: 832.332 $\pm$ 161.987 χ^2 /NDF:61.6/34

All: 535.901 $\pm$ 116.988 χ^2 /NDF: 106.2/65

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 ± 0.271 $\chi^2/\text{NDF}: 667521.9/16$

Left Out: 606.806 ± 0.127 $\chi^2/\text{NDF}: 1191459.9/15$

Right Out: 962.693 ± 0.263 $\chi^2/\text{NDF}: 696385.7/18$

Left In: 607.366 ± 0.133 $\chi^2/\text{NDF}: 965843.6/13$

Left: 607.073 ± 0.092 $\chi^2/\text{NDF}: 2157312.7/29$

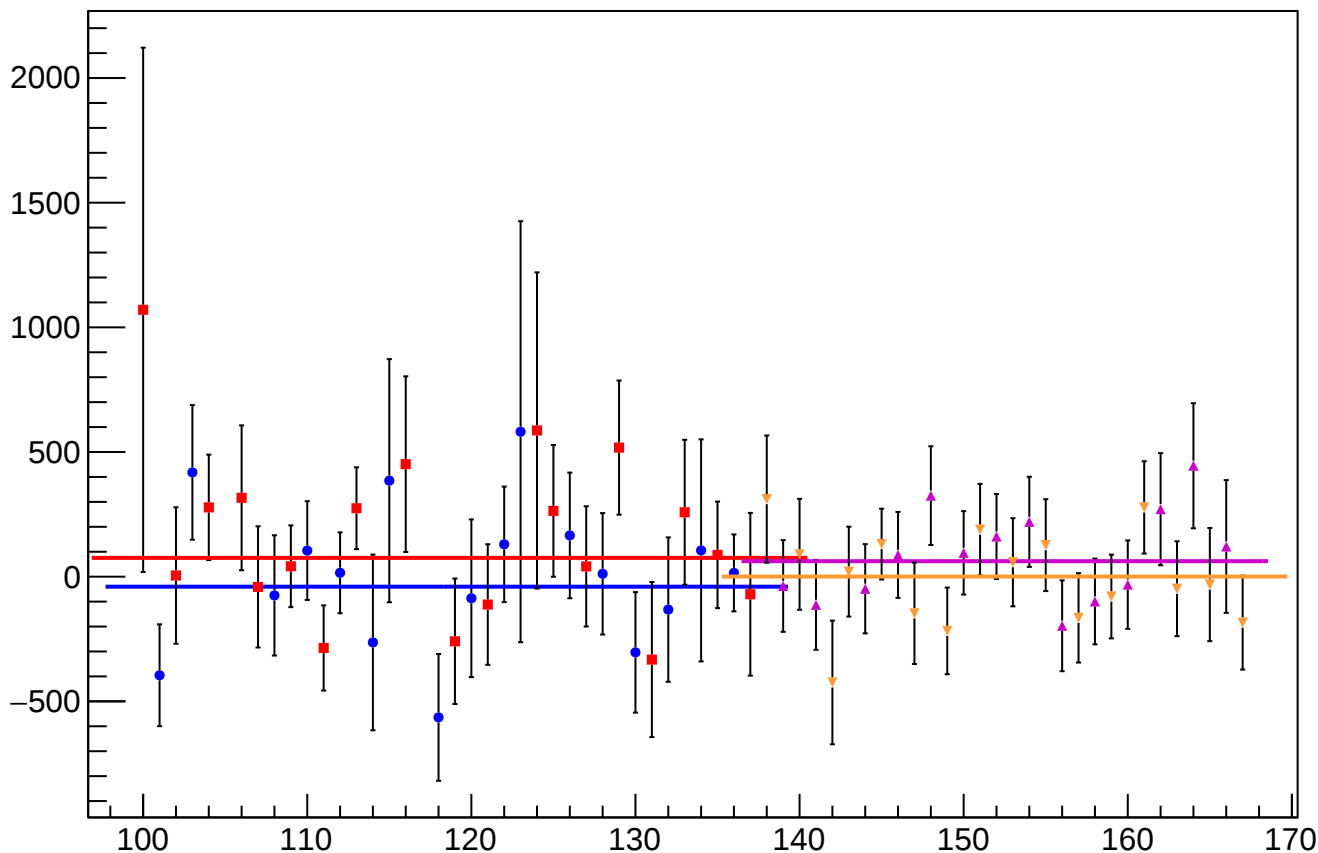
Right: 962.827 ± 0.189 $\chi^2/\text{NDF}: 1363908.2/35$

In: 676.478 ± 0.120 $\chi^2/\text{NDF}: 3017612.0/30$

Out: 674.372 ± 0.115 $\chi^2/\text{NDF}: 3372659.4/34$

All: 675.379 ± 0.083 $\chi^2/\text{NDF}: 6390433.3/65$

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: 0.533 ± 47.064 $\chi^2/\text{NDF}: 13.5/15$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 62.160 ± 50.191 $\chi^2/\text{NDF}: 11.0/13$

Left: 29.367 ± 34.332 $\chi^2/\text{NDF}: 25.3/29$

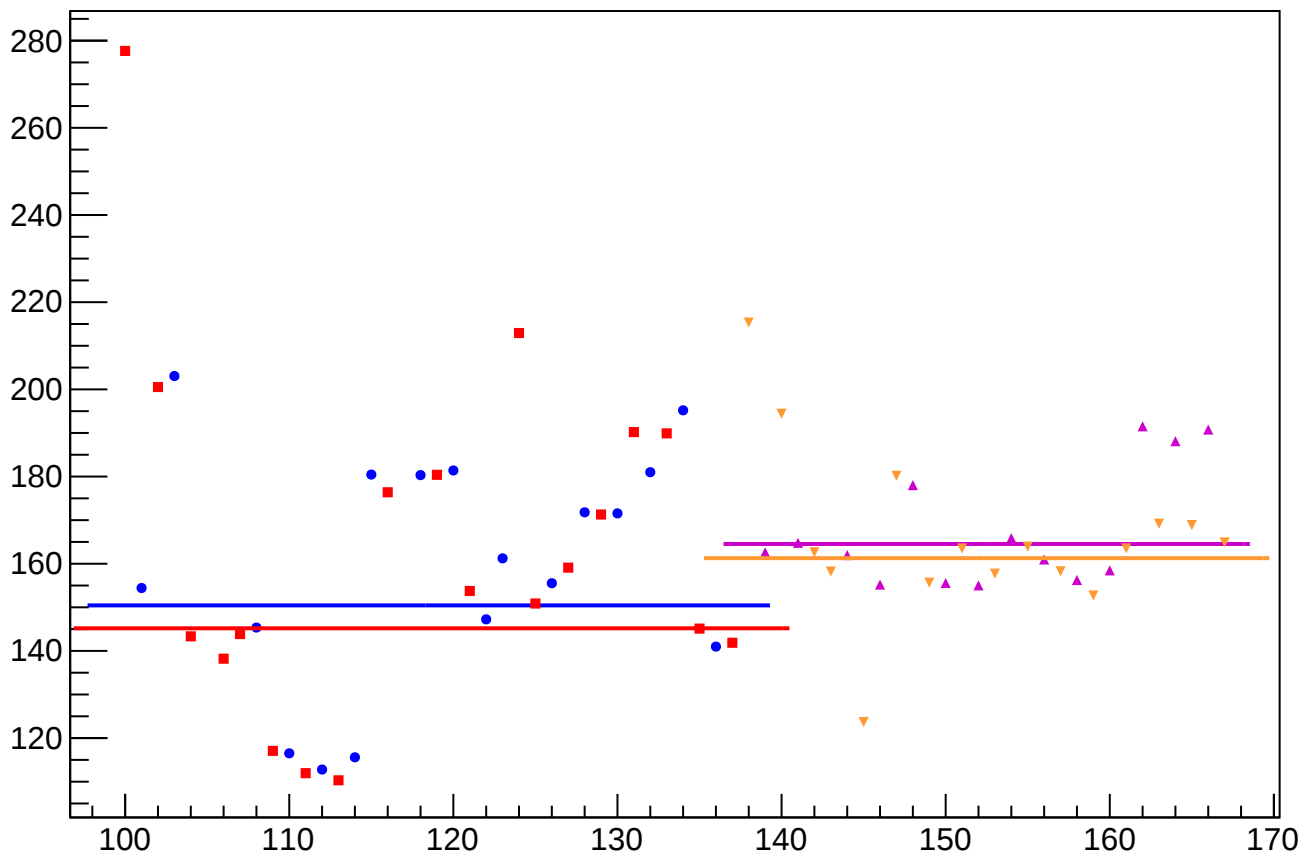
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 19.433 ± 38.299 $\chi^2/\text{NDF}: 28.0/30$

Out: 31.398 ± 36.091 $\chi^2/\text{NDF}: 33.1/34$

All: 25.770 ± 26.266 $\chi^2/\text{NDF}: 61.1/65$

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: 161.277 $\pm$ 0.033 χ^2 /NDF:308166.3/15

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 164.528 $\pm$ 0.035 χ^2 /NDF:101475.1/13

Left: 162.798 $\pm$ 0.024 χ^2 /NDF: 414106.5/29

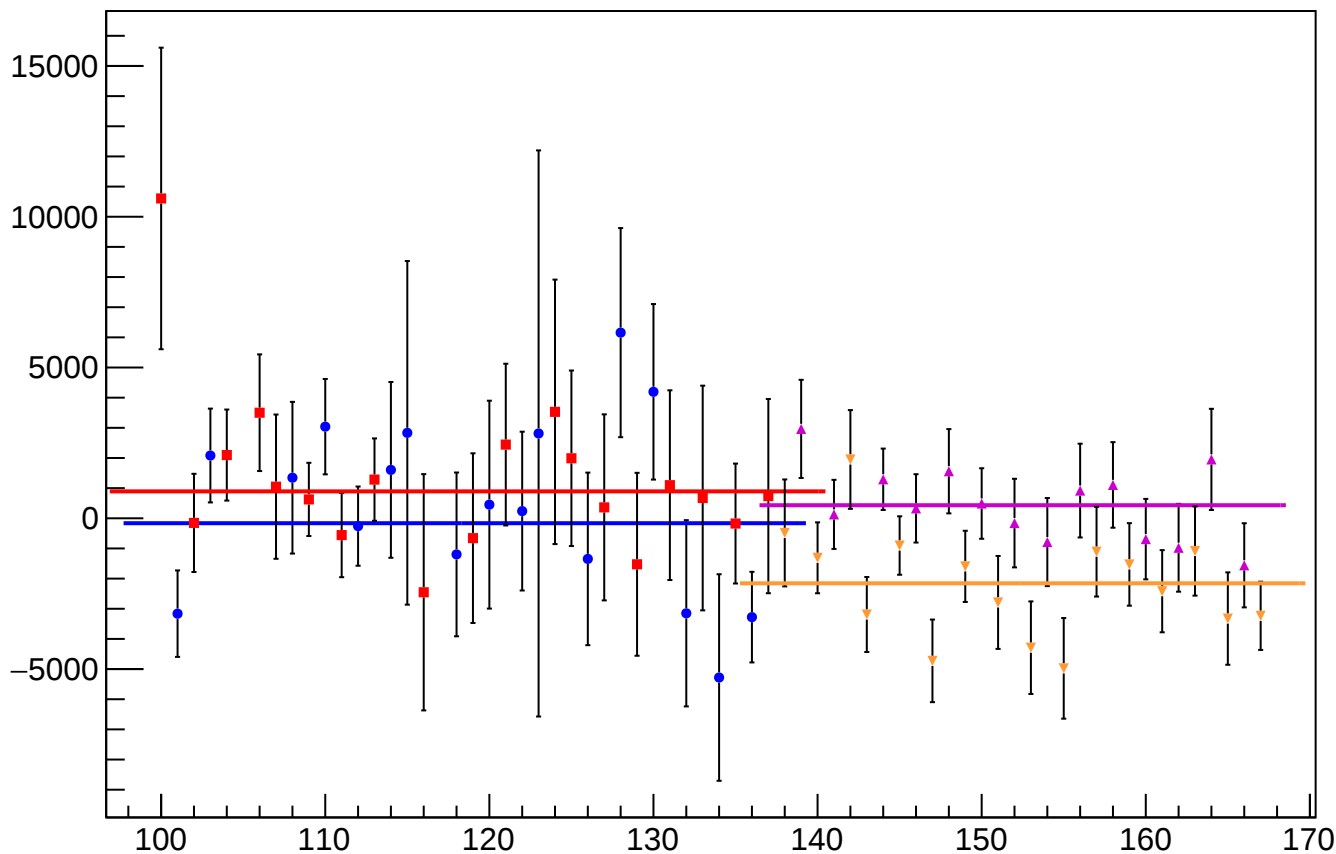
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 158.644 $\pm$ 0.027 χ^2 /NDF:567405.8/30

Out: 154.649 $\pm$ 0.026 χ^2 /NDF:940155.1/34

All: 156.528 $\pm$ 0.019 χ^2 /NDF: 1519084.7/65

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -2155.545 ± 337.671 $\chi^2/\text{NDF}: 21.5/15$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 433.670 ± 356.388 $\chi^2/\text{NDF}: 9.6/13$

Left: -930.712 ± 245.119 $\chi^2/\text{NDF}: 58.9/29$

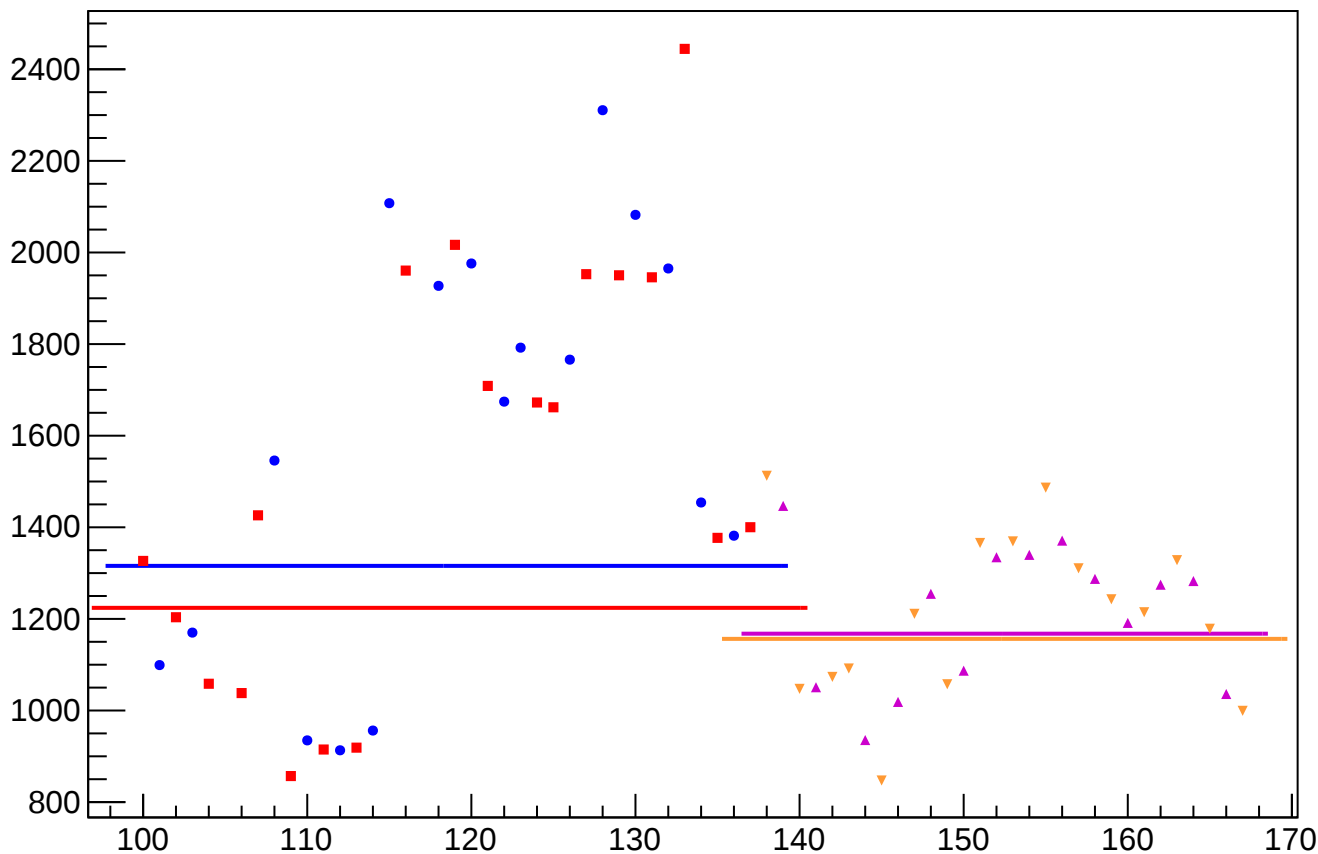
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 249.463 ± 296.290 $\chi^2/\text{NDF}: 35.5/30$

Out: -1158.338 ± 276.994 $\chi^2/\text{NDF}: 58.9/34$

All: -501.769 ± 202.342 $\chi^2/\text{NDF}: 106.4/65$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1156.410 $\pm$ 0.239 χ^2 /NDF: 581992.3/15

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1167.733 $\pm$ 0.252 χ^2 /NDF: 376222.1/13

Left: 1161.766 $\pm$ 0.173 χ^2 /NDF: 959278.2/29

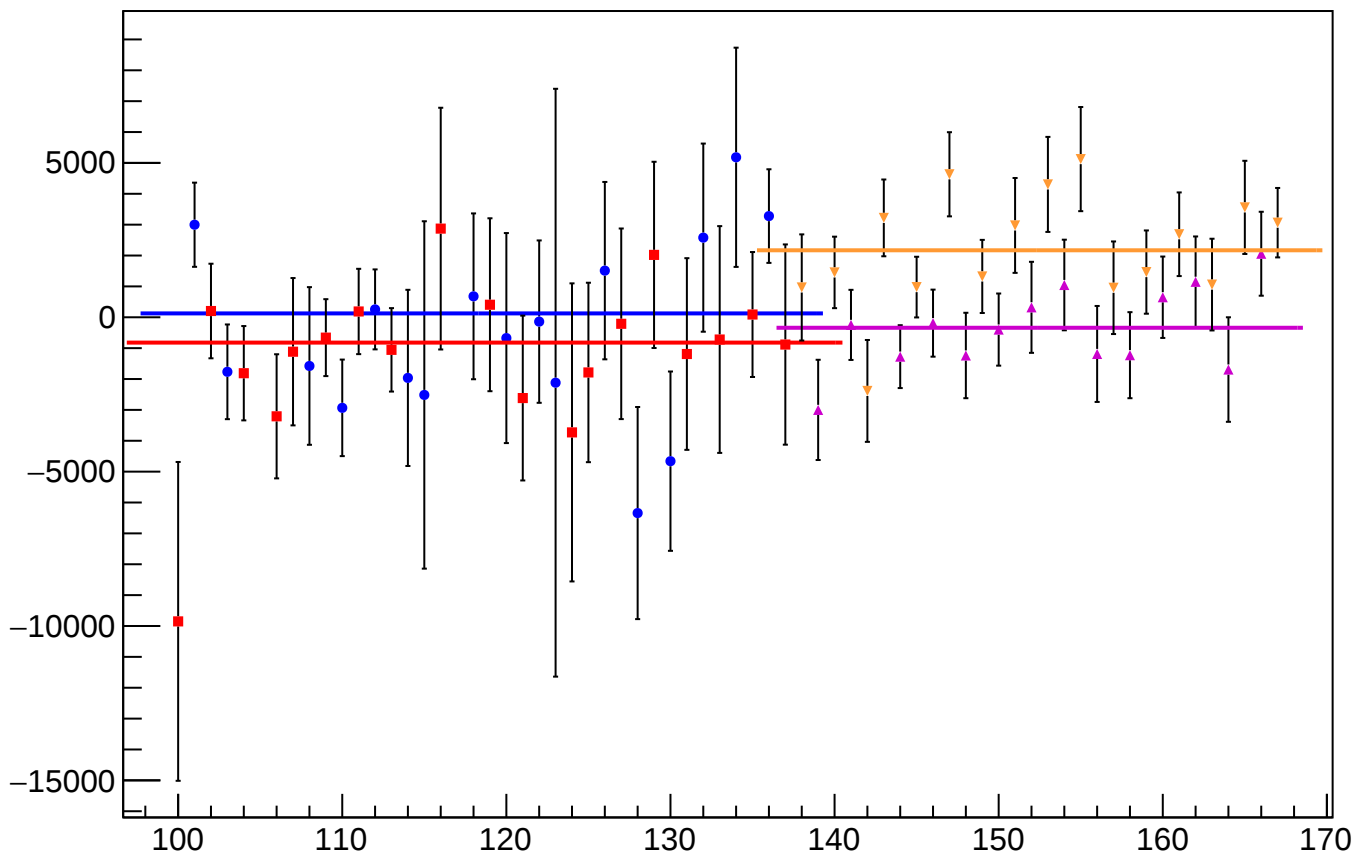
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1213.455 $\pm$ 0.210 χ^2 /NDF: 1601159.5/30

Out: 1178.567 $\pm$ 0.196 χ^2 /NDF: 1972221.4/34

All: 1194.838 $\pm$ 0.143 χ^2 /NDF: 3588178.0/65

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2169.806 $\pm$ 337.010 χ^2 /NDF:22.8/15

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -339.918 $\pm$ 353.429 χ^2 /NDF:11.1/13

Left: 974.593 $\pm$ 243.900 χ^2 /NDF: 60.4/29

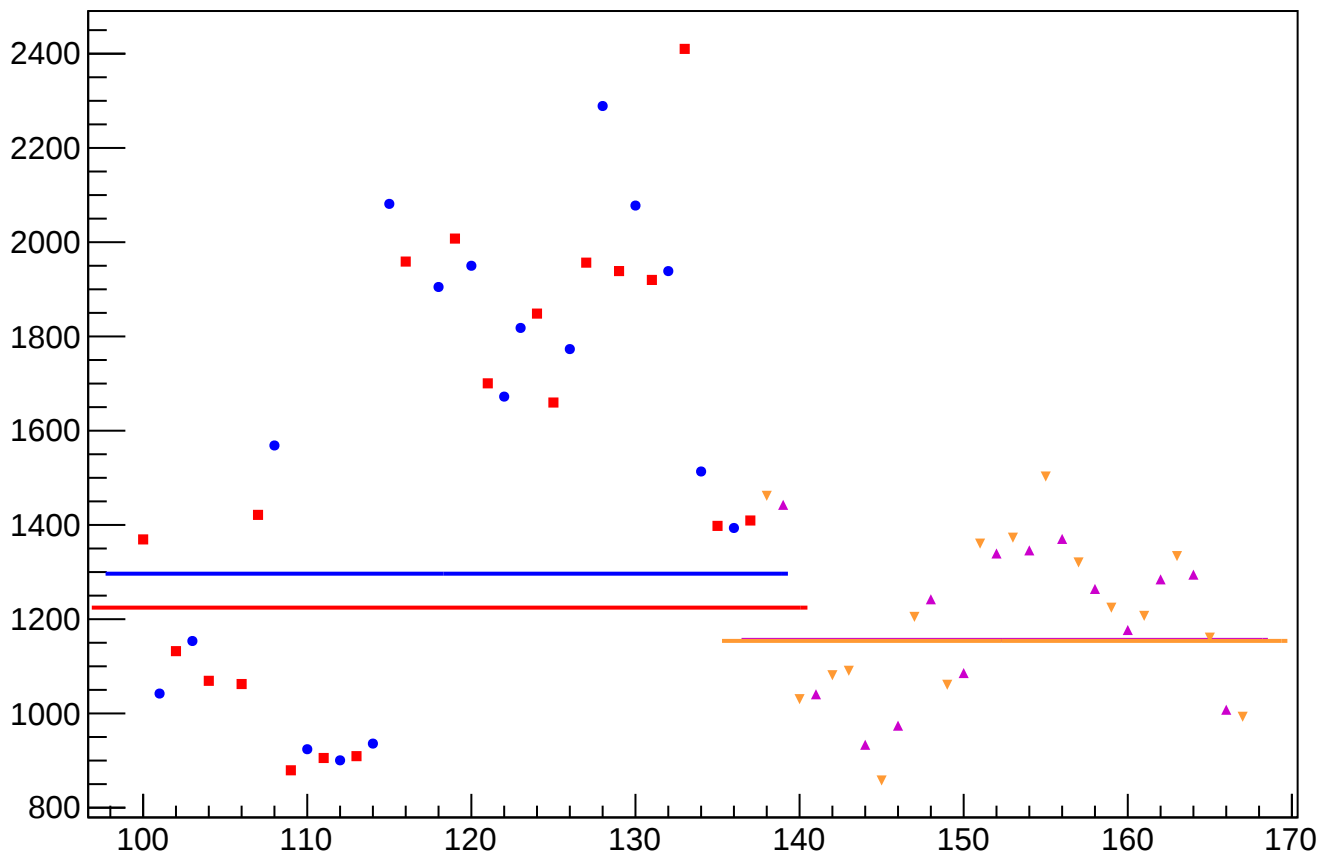
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -195.494 $\pm$ 293.496 χ^2 /NDF:36.3/30

Out: 1195.279 $\pm$ 276.692 χ^2 /NDF:57.6/34

All: 540.846 $\pm$ 201.329 χ^2 /NDF: 105.8/65

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1153.954+/-0.238 χ^2/NDF : 558520.7/15

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1156.110+/-0.250 χ^2/NDF : 417241.8/13

Left: 1154.981+/-0.172 χ^2/NDF : 975801.4/29

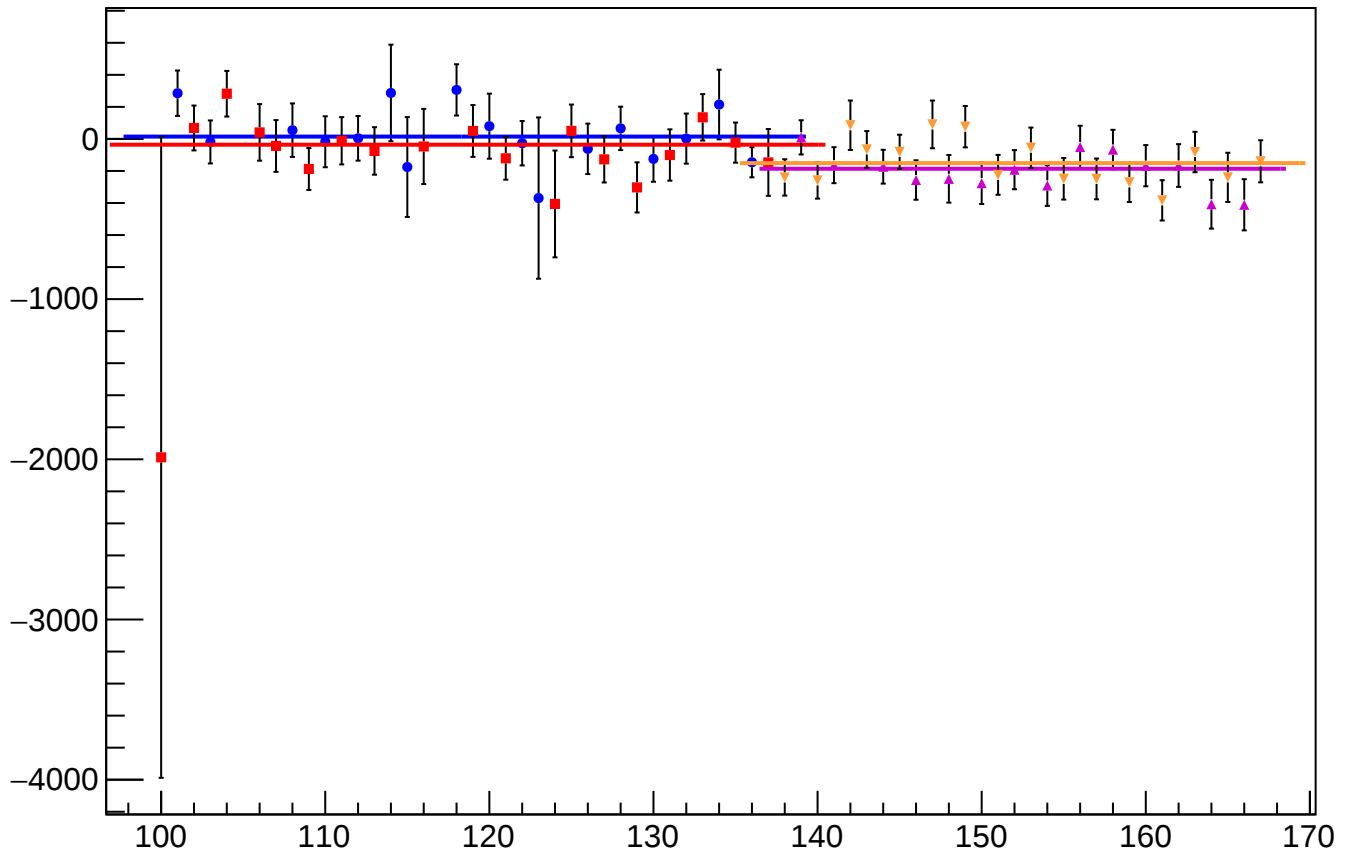
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1199.709+/-0.208 χ^2/NDF : 1690760.9/30

Out: 1176.966+/-0.196 χ^2/NDF : 1935407.8/34

All: 1187.668+/-0.142 χ^2/NDF : 3632526.6/65

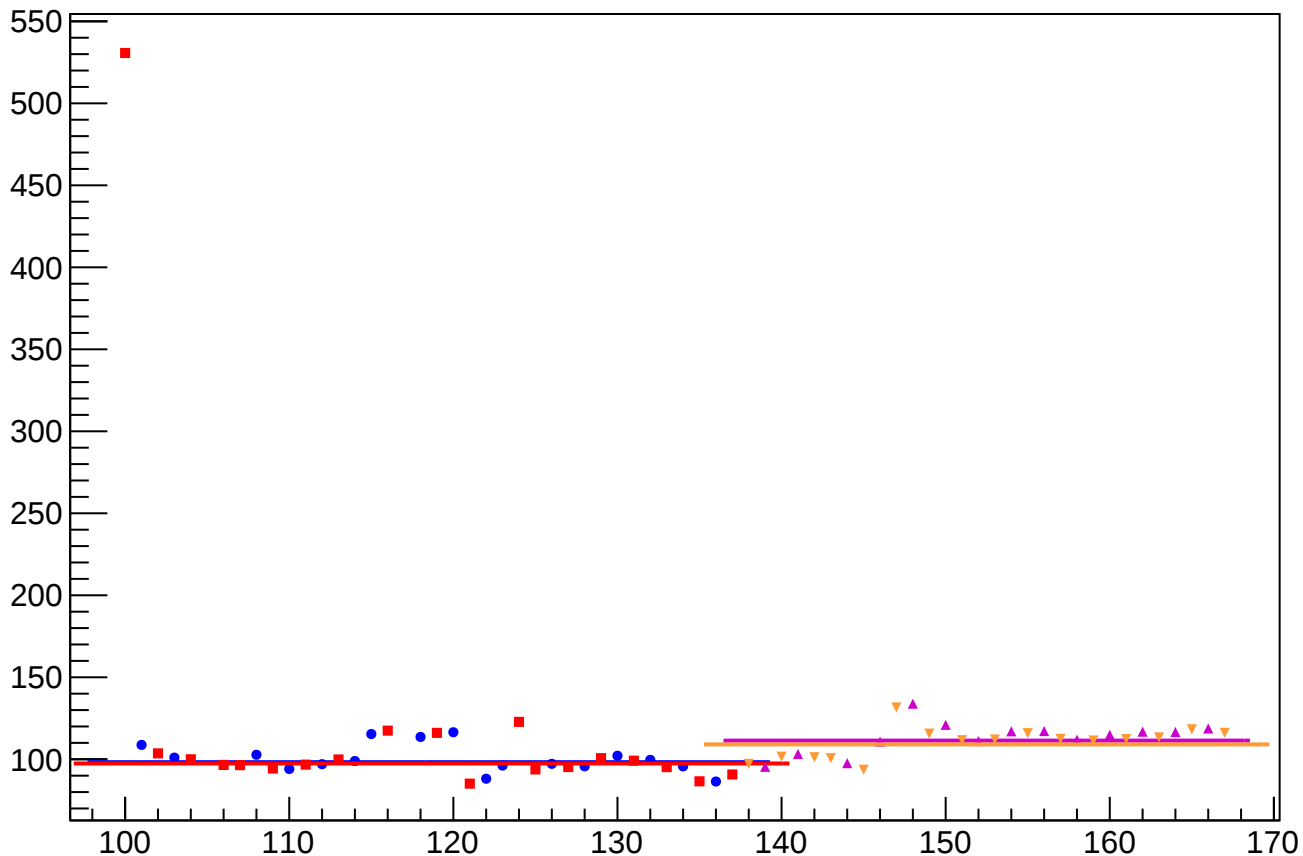
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -150.993 ± 31.501 $\chi^2/\text{NDF}: 17.7/15$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -186.226 ± 33.767 $\chi^2/\text{NDF}: 11.2/13$

Left: -167.388 ± 23.034 $\chi^2/\text{NDF}: 29.5/29$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -97.672 ± 25.246 $\chi^2/\text{NDF}: 41.0/30$
 Out: -102.302 ± 23.909 $\chi^2/\text{NDF}: 38.8/34$
 All: -100.113 ± 17.360 $\chi^2/\text{NDF}: 79.8/65$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2/NDF : 100510.4/16

Left Out: 109.065 $\pm$ 0.022 χ^2/NDF : 165480.2/15

Right Out: 97.436 $\pm$ 0.026 χ^2/NDF : 190066.6/18

Left In: 111.384 $\pm$ 0.024 χ^2/NDF : 165230.4/13

Left: 110.144 $\pm$ 0.016 χ^2/NDF : 335758.0/29

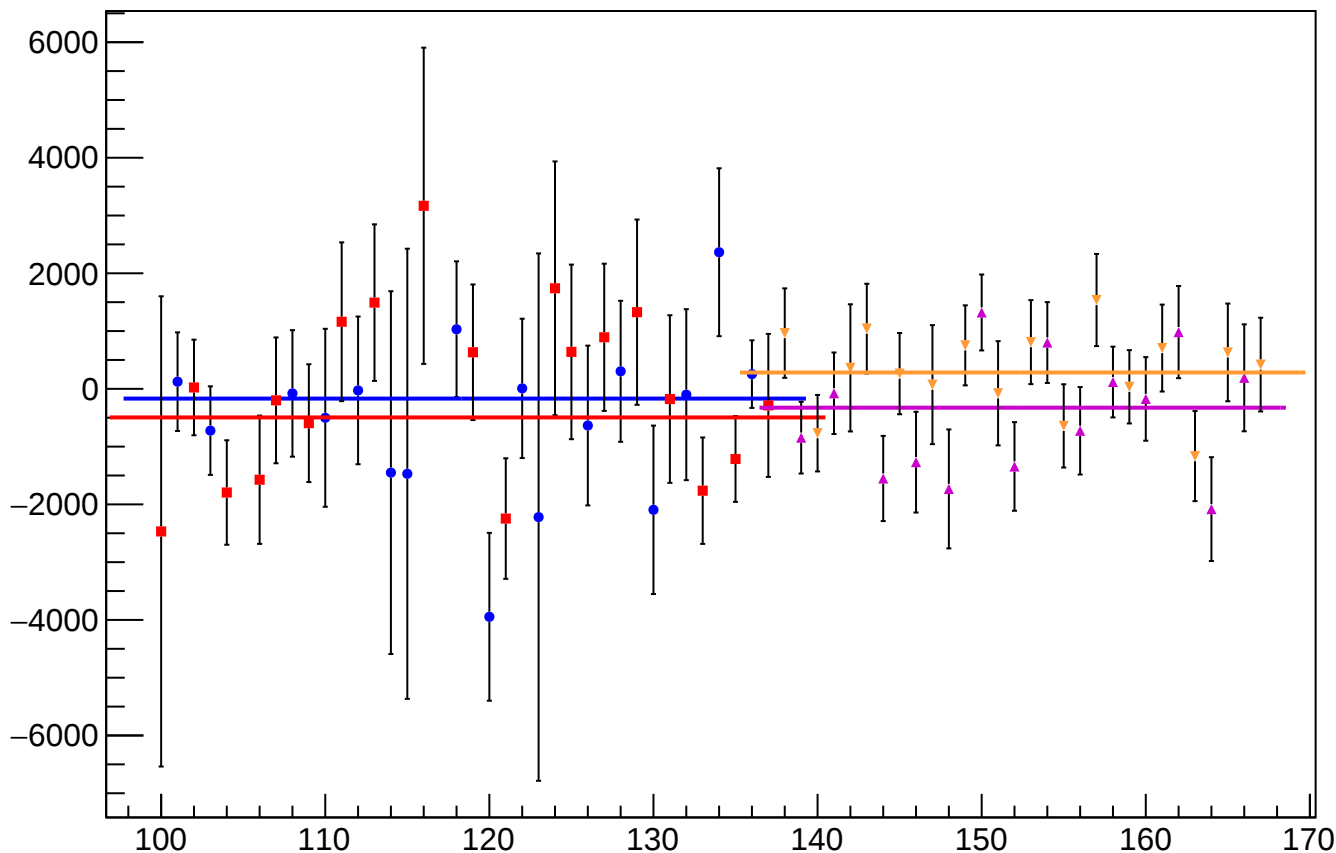
Right: 97.814 $\pm$ 0.019 χ^2/NDF : 291015.4/35

In: 105.578 $\pm$ 0.018 χ^2/NDF : 399820.3/30

Out: 104.135 $\pm$ 0.017 χ^2/NDF : 471076.4/34

All: 104.818 $\pm$ 0.012 χ^2/NDF : 874342.4/65

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: 282.838 ± 192.735 $\chi^2/\text{NDF}: 13.7/15$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -326.348 ± 199.763 $\chi^2/\text{NDF}: 24.9/13$

Left: -10.850 ± 138.703 $\chi^2/\text{NDF}: 43.4/29$

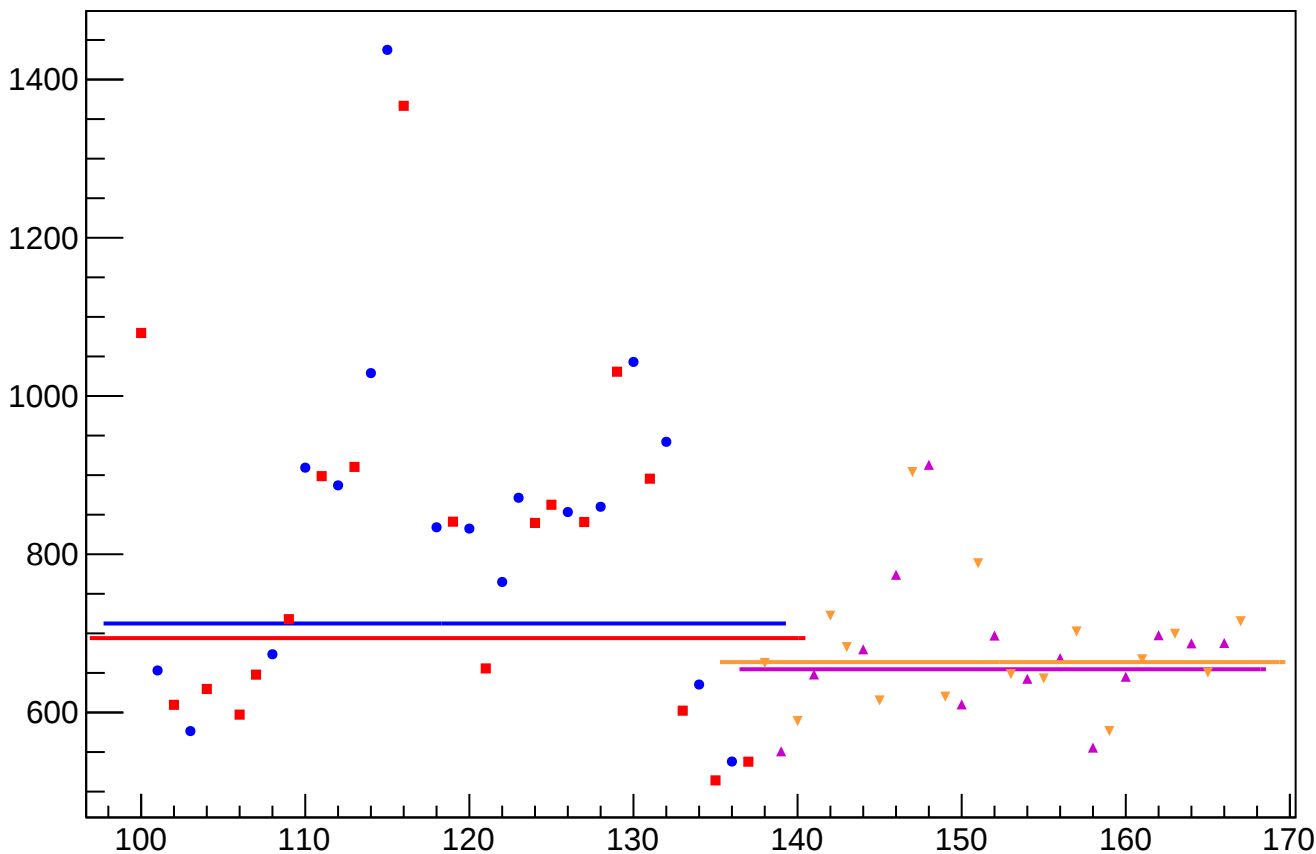
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -273.751 ± 163.043 $\chi^2/\text{NDF}: 39.7/30$

Out: 16.983 ± 156.360 $\chi^2/\text{NDF}: 39.1/34$

All: -122.304 ± 112.852 $\chi^2/\text{NDF}: 80.5/65$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 663.674+/-0.136 χ^2/NDF : 254665.6/15

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 654.639+/-0.141 χ^2/NDF : 301995.4/13

Left: 659.318+/-0.098 χ^2/NDF : 558779.7/29

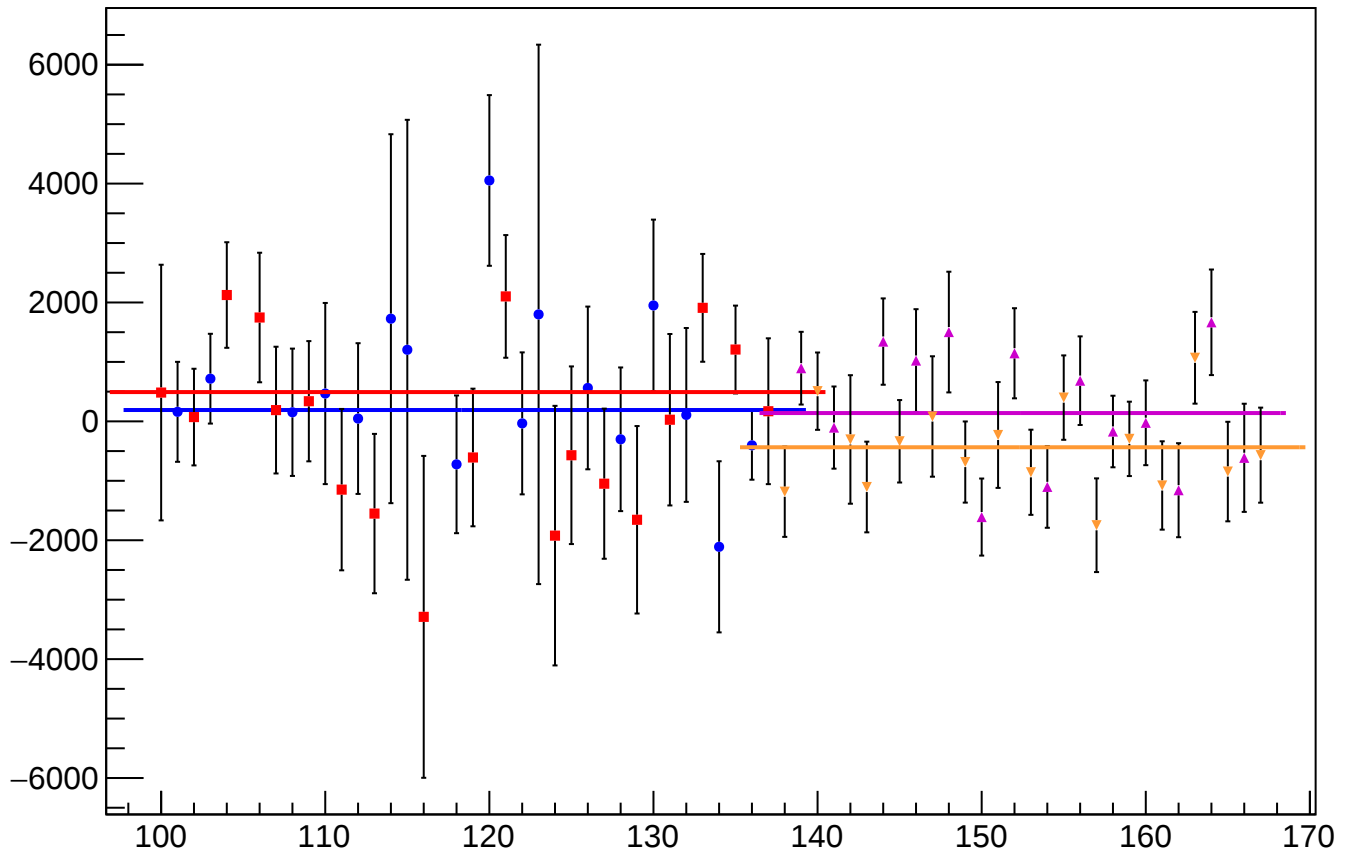
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 673.948+/-0.115 χ^2/NDF : 1018487.6/30

Out: 674.045+/-0.111 χ^2/NDF : 946597.9/34

All: 673.999+/-0.080 χ^2/NDF : 1965085.8/65

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -435.711 $\pm$ 189.972 χ^2 /NDF:13.7/15

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 139.834 $\pm$ 196.862 χ^2 /NDF:26.7/13

Left: -158.185 $\pm$ 136.701 χ^2 /NDF: 44.8/29

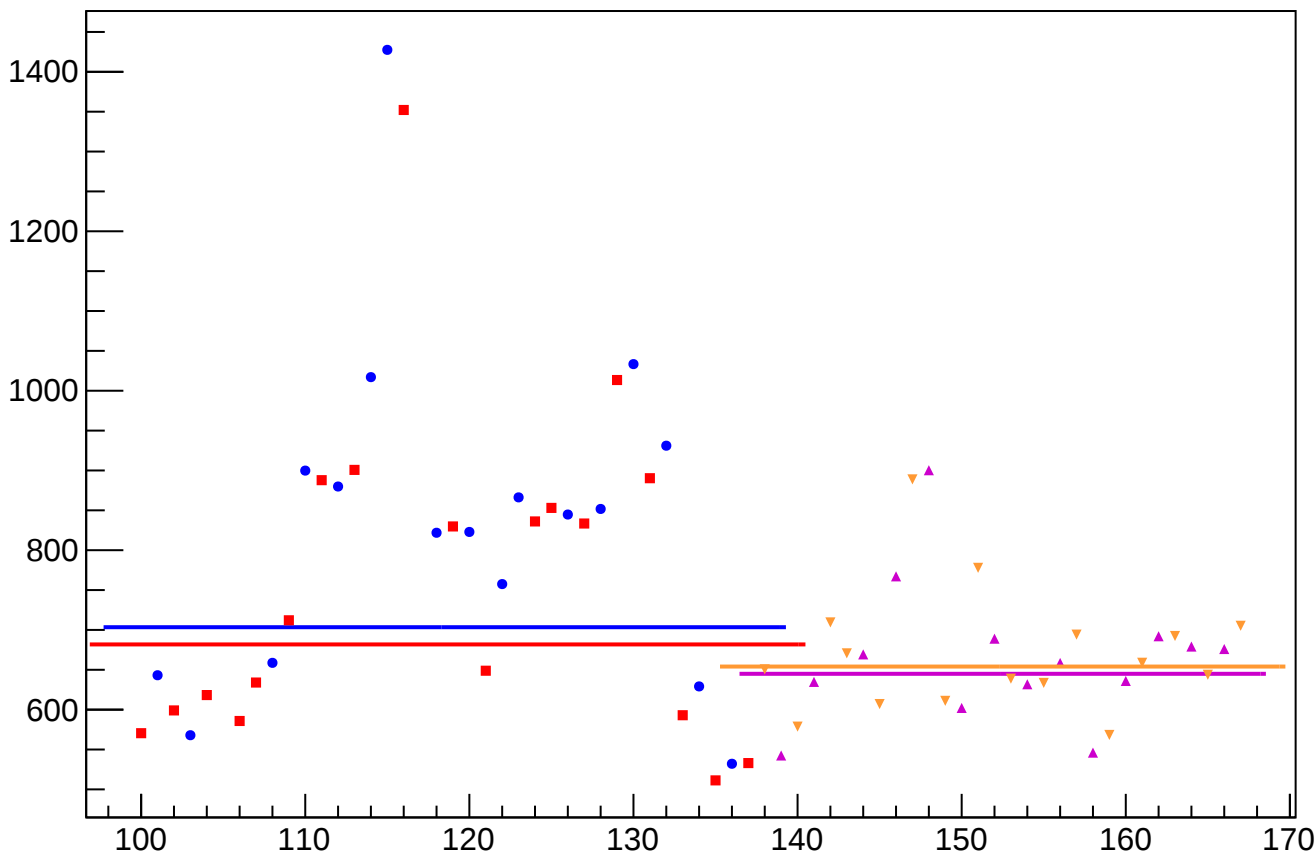
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 156.827 $\pm$ 160.788 χ^2 /NDF:41.0/30

Out: -116.845 $\pm$ 153.928 χ^2 /NDF:44.7/34

All: 14.029 $\pm$ 111.190 χ^2 /NDF: 87.1/65

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 654.060+/-0.134 χ^2/NDF : 255146.8/15

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 644.959+/-0.139 χ^2/NDF : 308783.6/13

Left: 649.671+/-0.097 χ^2/NDF : 566143.9/29

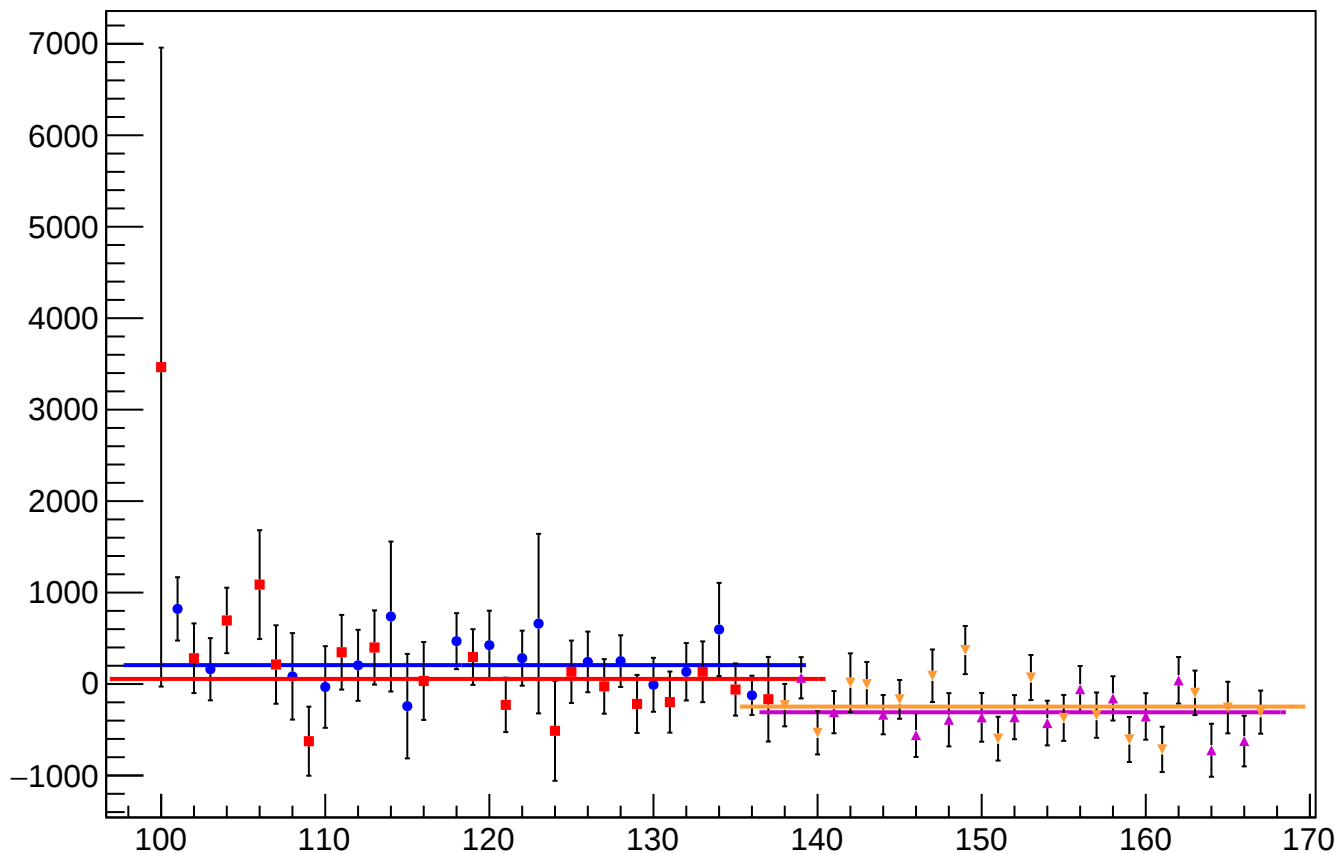
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 664.416+/-0.114 χ^2/NDF : 1034359.5/30

Out: 663.590+/-0.109 χ^2/NDF : 934599.0/34

All: 663.985+/-0.079 χ^2/NDF : 1968986.1/65

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: -246.536 $\pm$ 62.223 χ^2 /NDF:20.5/15

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -308.409 $\pm$ 66.508 χ^2 /NDF:11.0/13

Left: -275.415 $\pm$ 45.438 χ^2 /NDF: 31.9/29

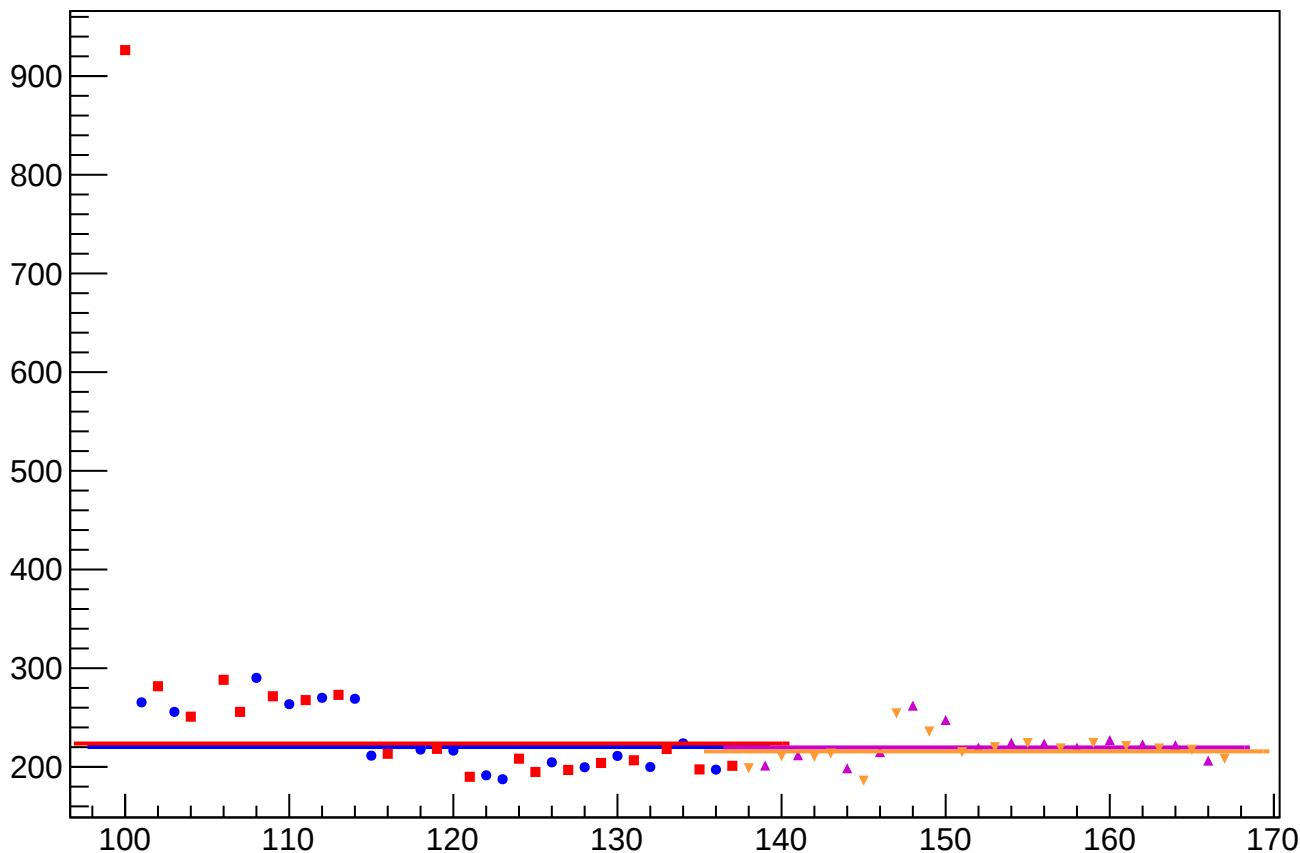
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -114.530 $\pm$ 52.526 χ^2 /NDF:43.0/30

Out: -141.174 $\pm$ 50.242 χ^2 /NDF:45.4/34

All: -128.444 $\pm$ 36.307 χ^2 /NDF: 88.5/65

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 215.723 $\pm$ 0.044 χ^2 /NDF: 107929.4/15

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 219.718 $\pm$ 0.047 χ^2 /NDF: 107874.0/13

Left: 217.588 $\pm$ 0.032 χ^2 /NDF: 219652.3/29

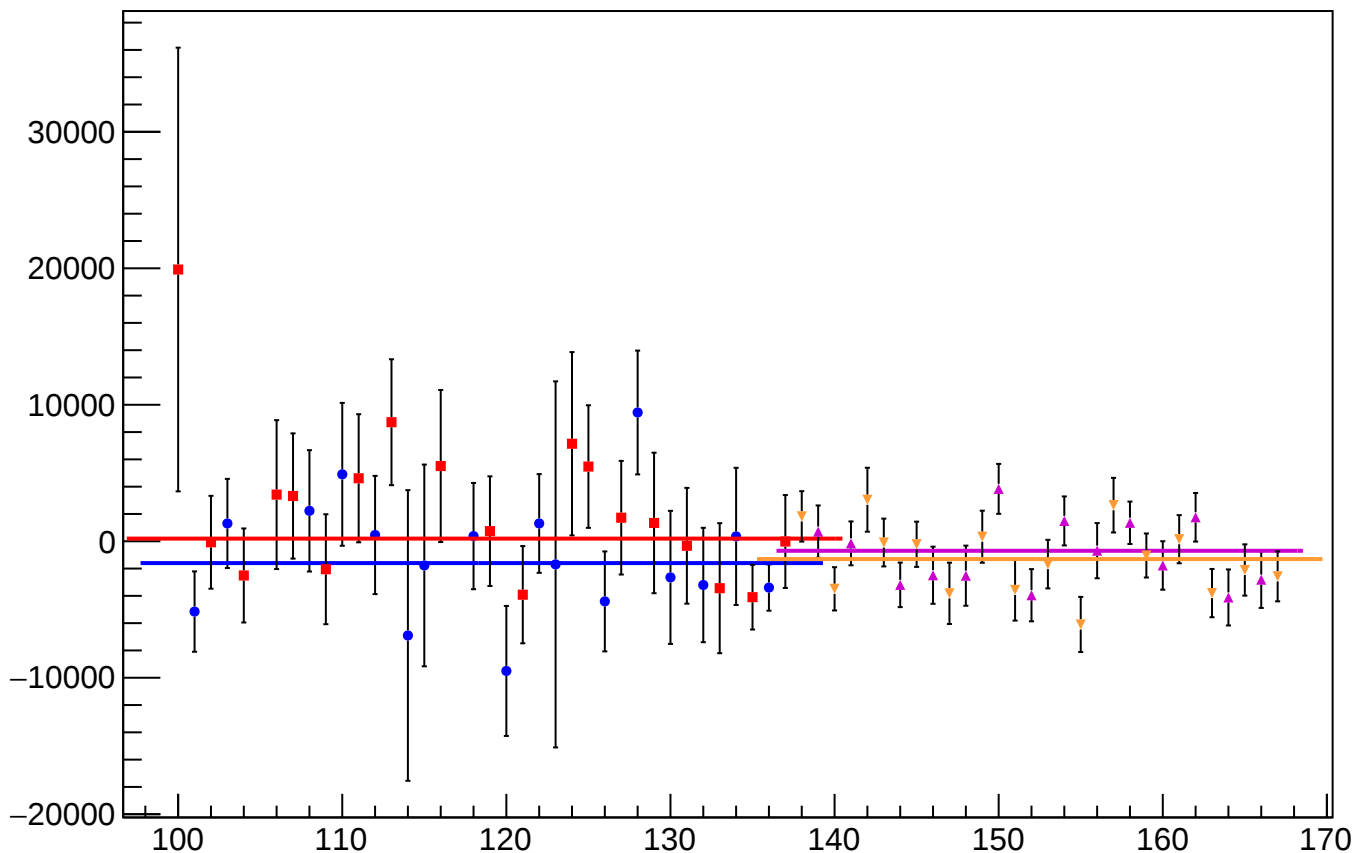
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.874 $\pm$ 0.037 χ^2 /NDF: 336347.2/30

Out: 218.501 $\pm$ 0.036 χ^2 /NDF: 472627.2/34

All: 219.157 $\pm$ 0.026 χ^2 /NDF: 809688.3/65

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -1304.252+/-463.641 χ^2/NDF : 25.0/15

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -697.903+/-493.020 χ^2/NDF : 22.8/13

Left: -1019.681+/-337.753 χ^2/NDF : 48.6/29

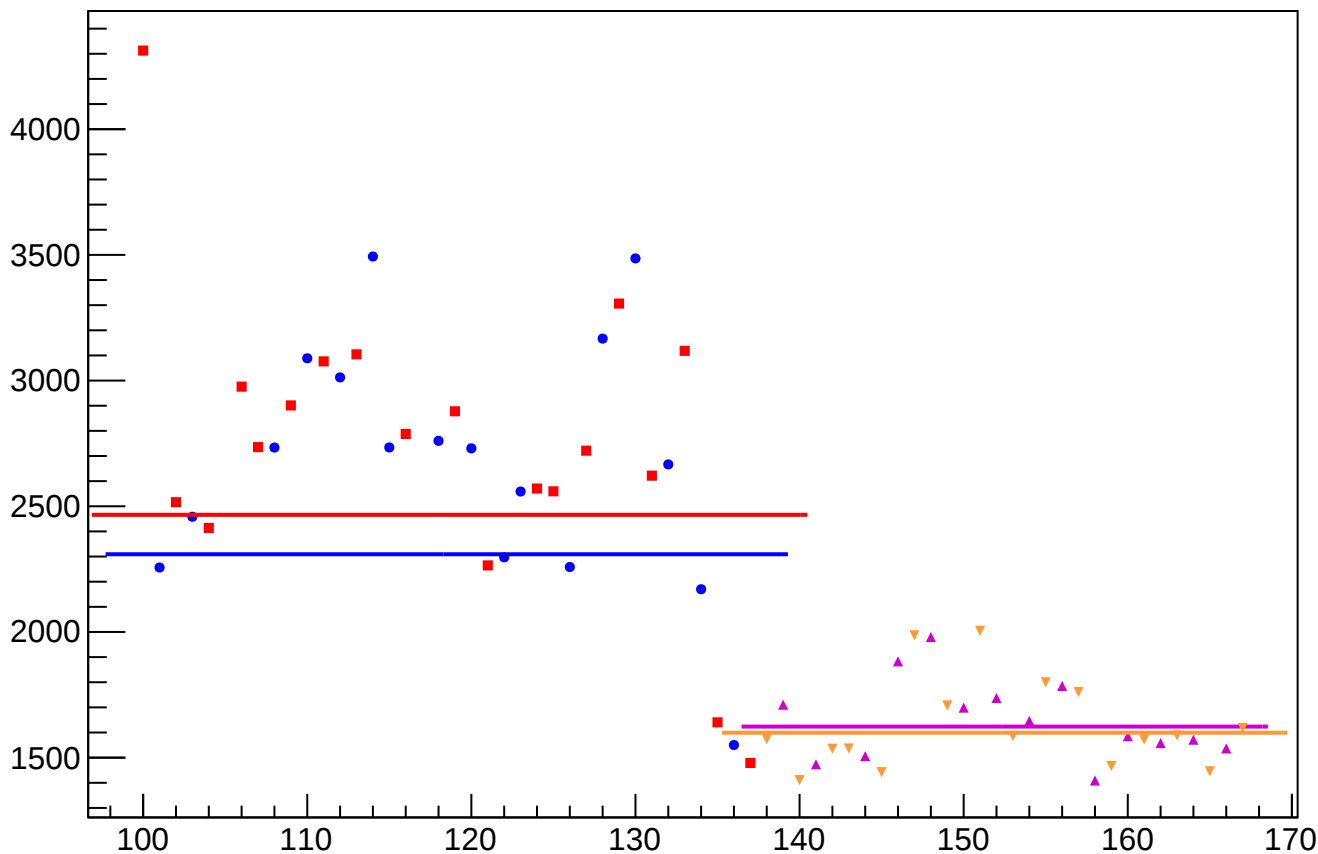
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -898.601+/-434.665 χ^2/NDF : 40.2/30

Out: -1014.611+/-416.454 χ^2/NDF : 43.4/34

All: -959.088+/-300.709 χ^2/NDF : 83.5/65

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: 1599.072 $\pm$ 0.328 χ^2 /NDF: 241998.0/15

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1623.573 $\pm$ 0.349 χ^2 /NDF: 185201.4/13

Left: 1610.571 $\pm$ 0.239 χ^2 /NDF: 429820.7/29

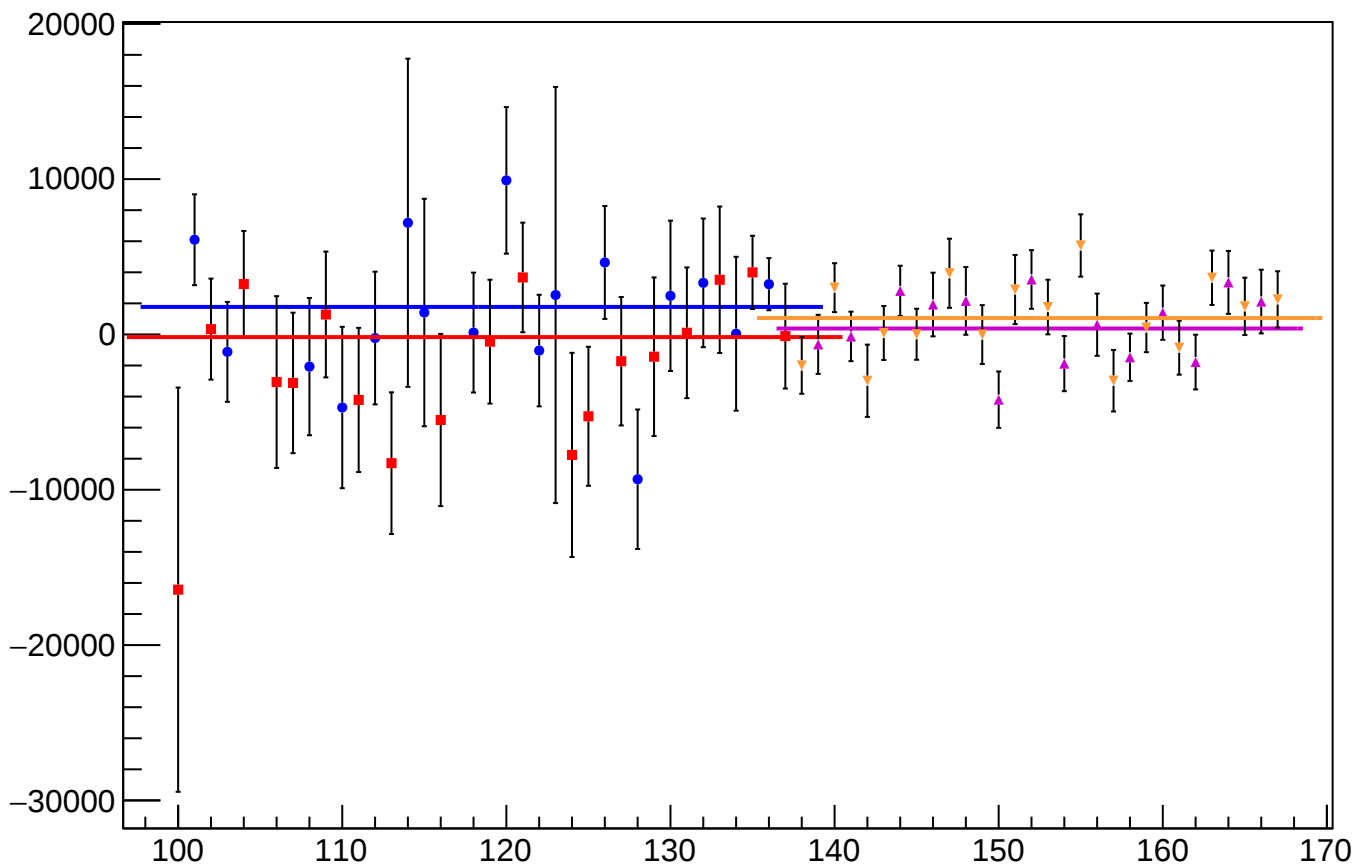
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1776.258 $\pm$ 0.307 χ^2 /NDF: 1847200.7/30

Out: 1766.538 $\pm$ 0.294 χ^2 /NDF: 2286676.3/34

All: 1771.190 $\pm$ 0.213 χ^2 /NDF: 4134398.4/65

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 1054.513+/-458.667 χ^2/NDF : 24.6/15

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 381.733+/-487.155 χ^2/NDF : 20.9/13

Left: 738.368+/-333.944 χ^2/NDF : 46.5/29

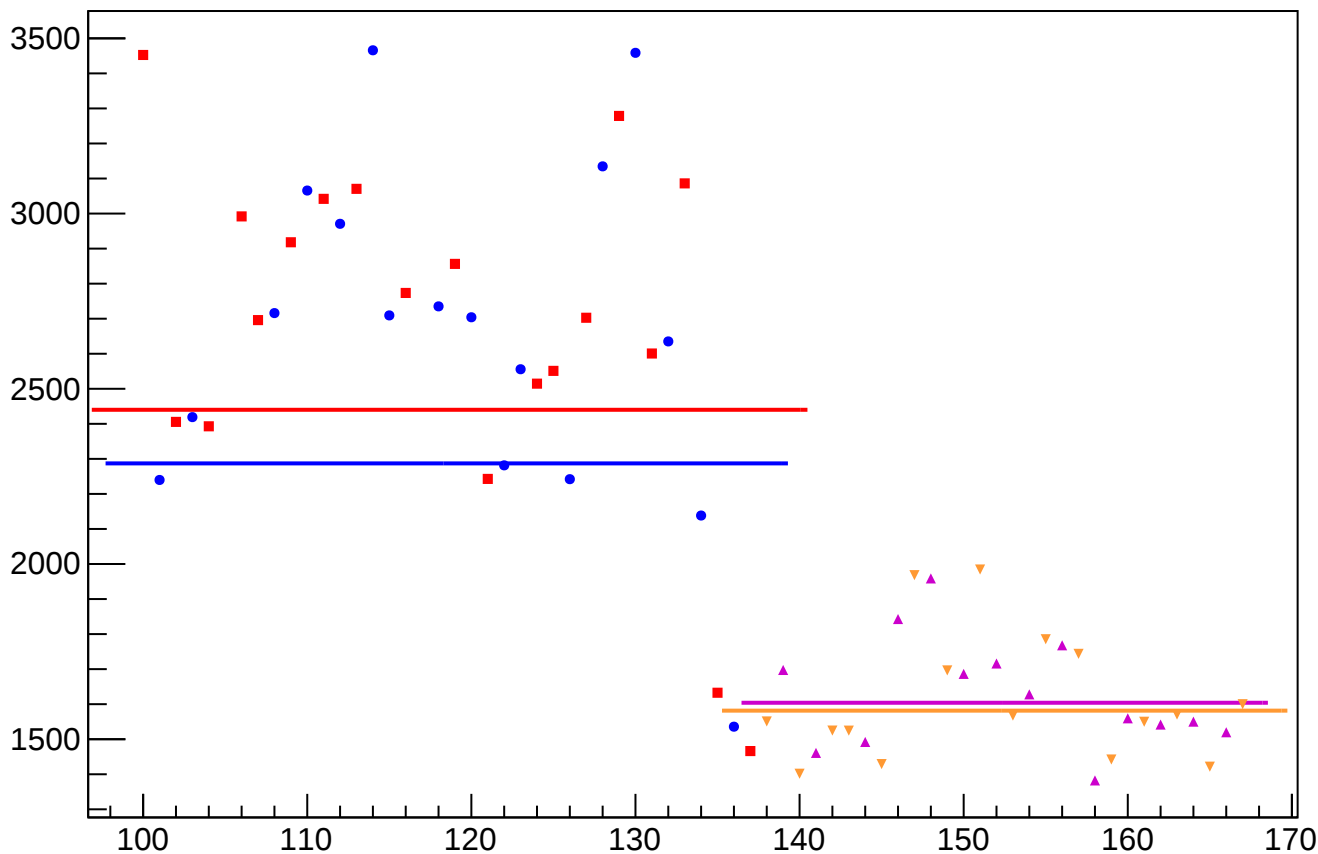
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 690.024+/-429.729 χ^2/NDF : 40.0/30

Out: 817.809+/-411.994 χ^2/NDF : 42.0/34

All: 756.607+/-297.396 χ^2/NDF : 82.1/65

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1581.565+/-0.324 χ^2/NDF : 245939.4/15

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1604.054+/-0.344 χ^2/NDF : 186524.0/13

Left: 1592.133+/-0.236 χ^2/NDF : 434722.8/29

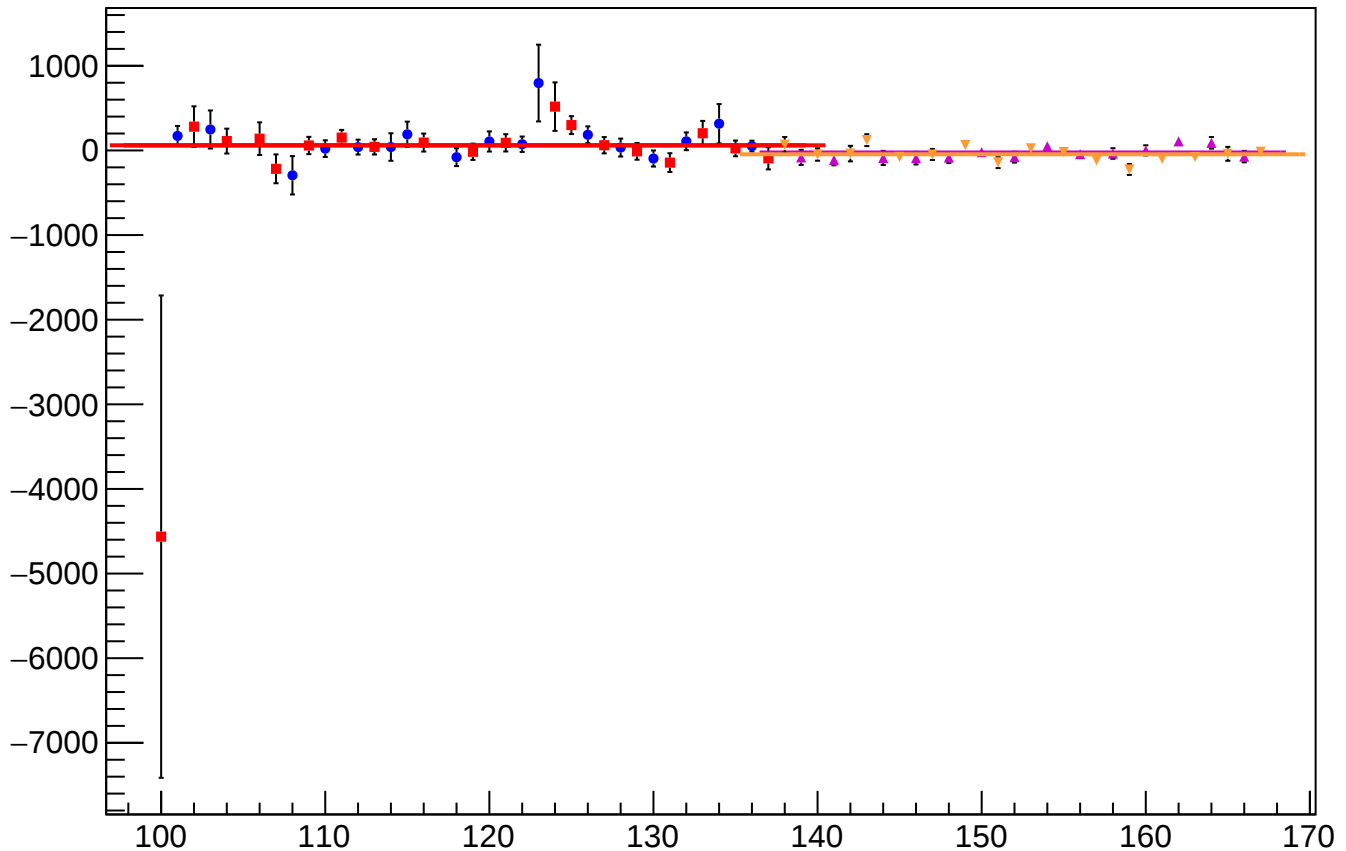
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1755.598+/-0.304 χ^2/NDF : 1858262.1/30

Out: 1747.395+/-0.291 χ^2/NDF : 2278488.0/34

All: 1751.324+/-0.210 χ^2/NDF : 4137129.8/65

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -45.446+/-15.843 χ^2/NDF : 25.6/15

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -23.997+/-17.223 χ^2/NDF : 15.8/13

Left: -35.615+/-11.660 χ^2/NDF : 42.3/29

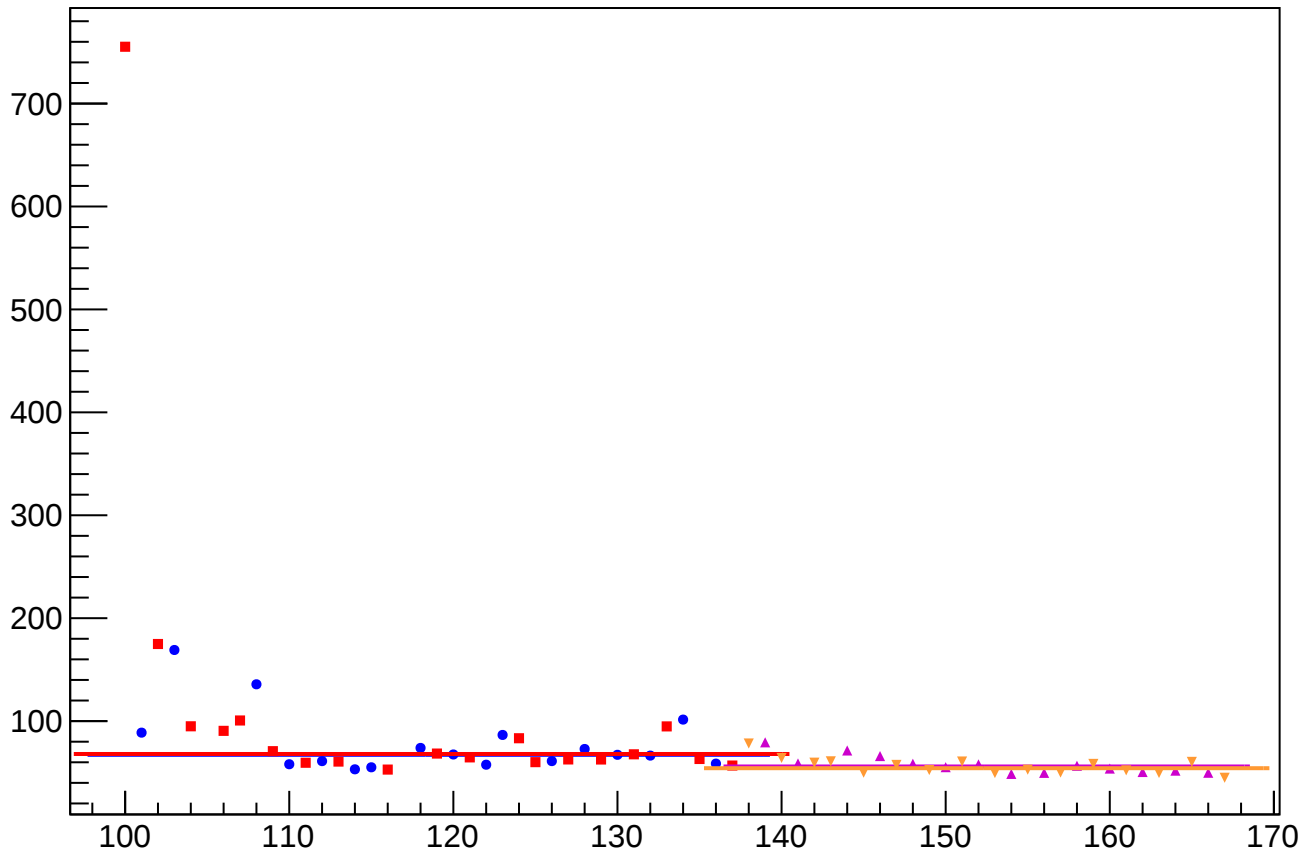
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 0.096+/-14.533 χ^2/NDF : 38.0/30

Out: -18.202+/-13.665 χ^2/NDF : 59.5/34

All: -9.615+/-9.955 χ^2/NDF : 98.3/65

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: 54.252 $\pm$ 0.011 χ^2 /NDF: 364698.0/15

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 55.922 $\pm$ 0.012 χ^2 /NDF: 358366.2/13

Left: 55.017 $\pm$ 0.008 χ^2 /NDF: 733247.8/29

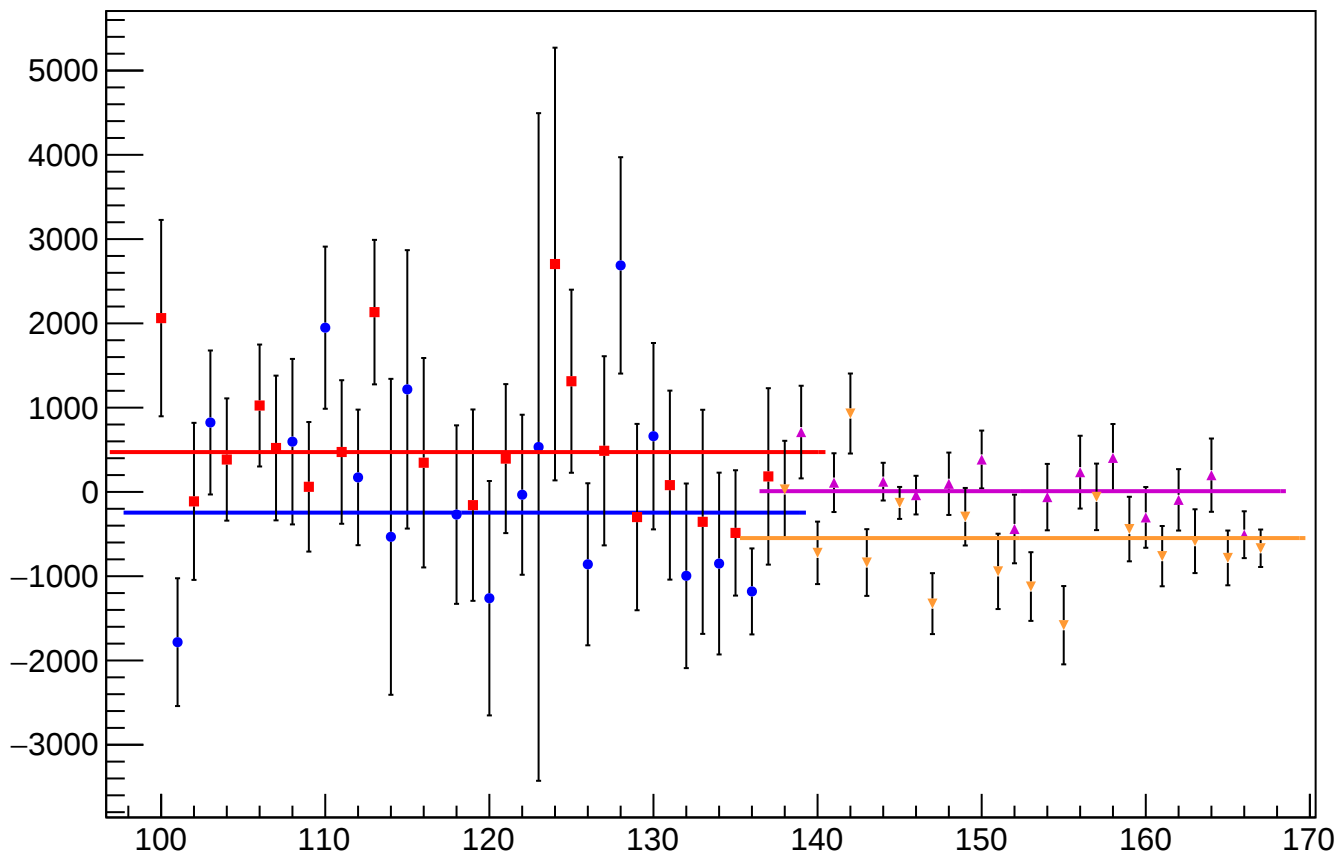
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 59.198 $\pm$ 0.010 χ^2 /NDF: 1450994.1/30

Out: 57.786 $\pm$ 0.010 χ^2 /NDF: 1624232.3/34

All: 58.449 $\pm$ 0.007 χ^2 /NDF: 3085238.2/65

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: -547.574 $\pm$ 84.966 χ^2 /NDF:32.0/15

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: 8.985 $\pm$ 89.878 χ^2 /NDF:10.2/13

Left: -284.918 $\pm$ 61.743 χ^2 /NDF: 62.5/29

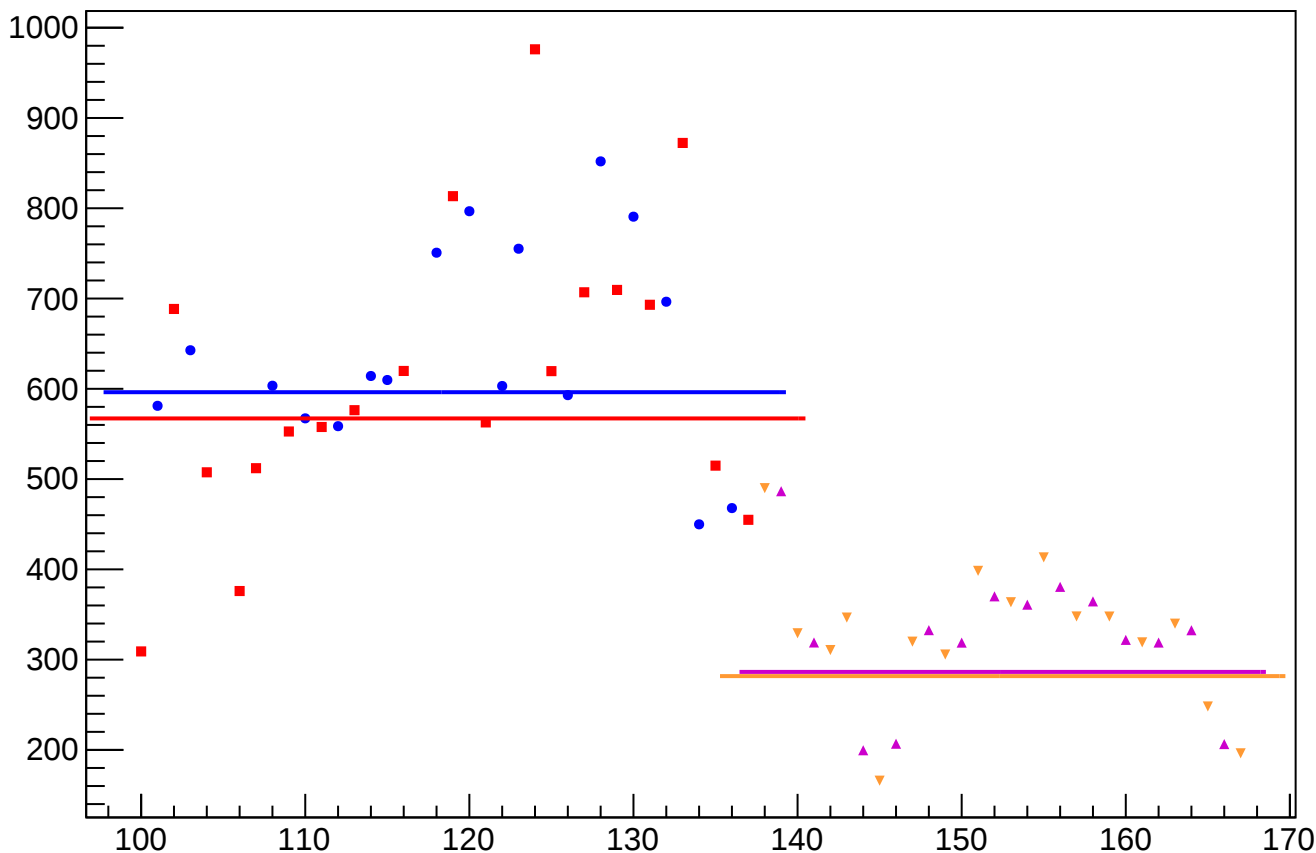
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: -23.409 $\pm$ 83.966 χ^2 /NDF:35.0/30

Out: -413.884 $\pm$ 79.205 χ^2 /NDF:62.2/34

All: -230.031 $\pm$ 57.616 χ^2 /NDF: 108.6/65

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 281.748+/-0.060 χ^2/NDF : 2010475.8/15

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 286.413+/-0.064 χ^2/NDF : 1423298.0/13

Left: 283.949+/-0.044 χ^2/NDF : 3436619.5/29

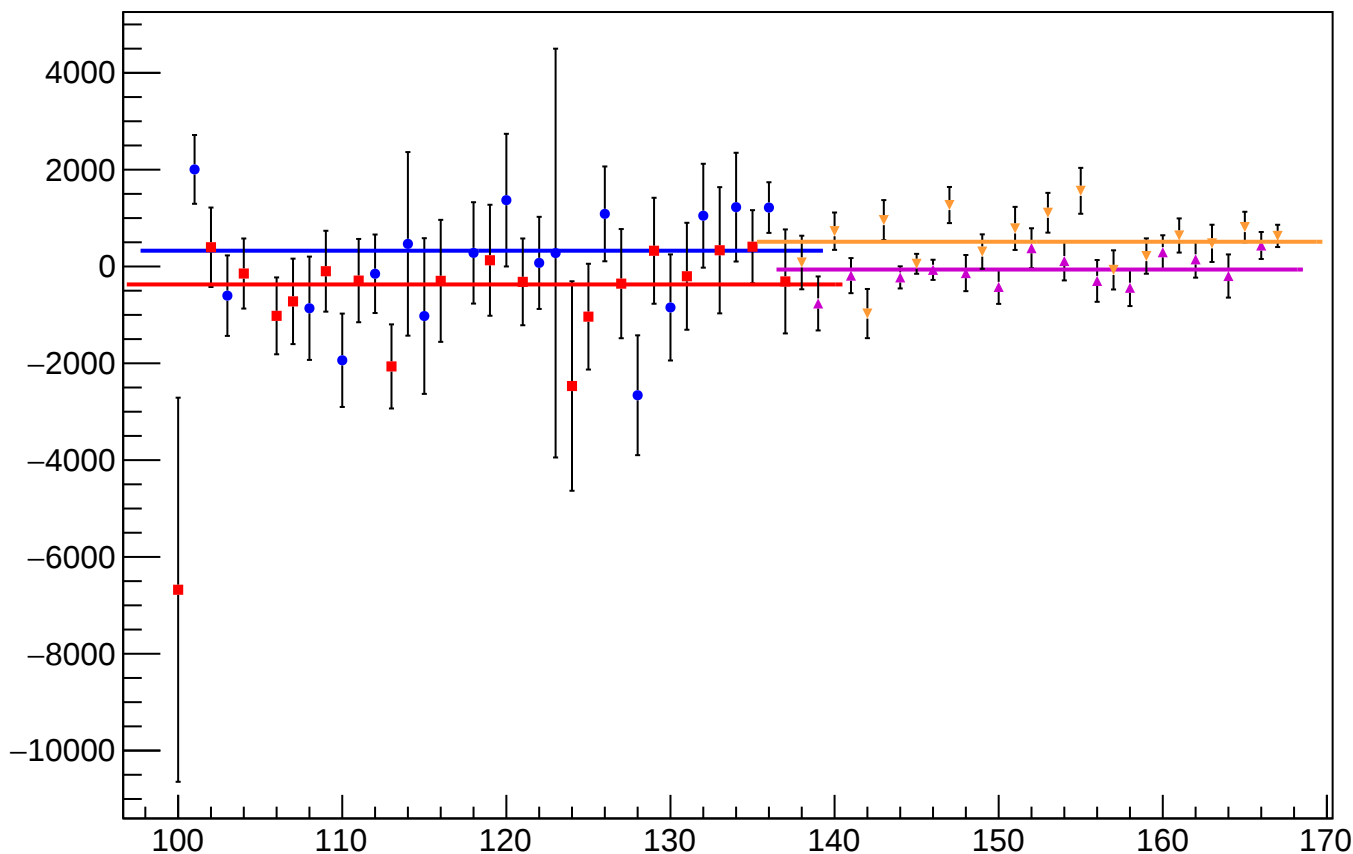
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 325.832+/-0.059 χ^2/NDF : 4869285.2/30

Out: 319.143+/-0.056 χ^2/NDF : 5642878.8/34

All: 322.292+/-0.041 χ^2/NDF : 10518881.0/65

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 511.130 ± 87.297 $\chi^2/\text{NDF}: 31.5/15$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -62.948 ± 89.136 $\chi^2/\text{NDF}: 10.5/13$

Left: 230.074 ± 62.368 $\chi^2/\text{NDF}: 63.2/29$

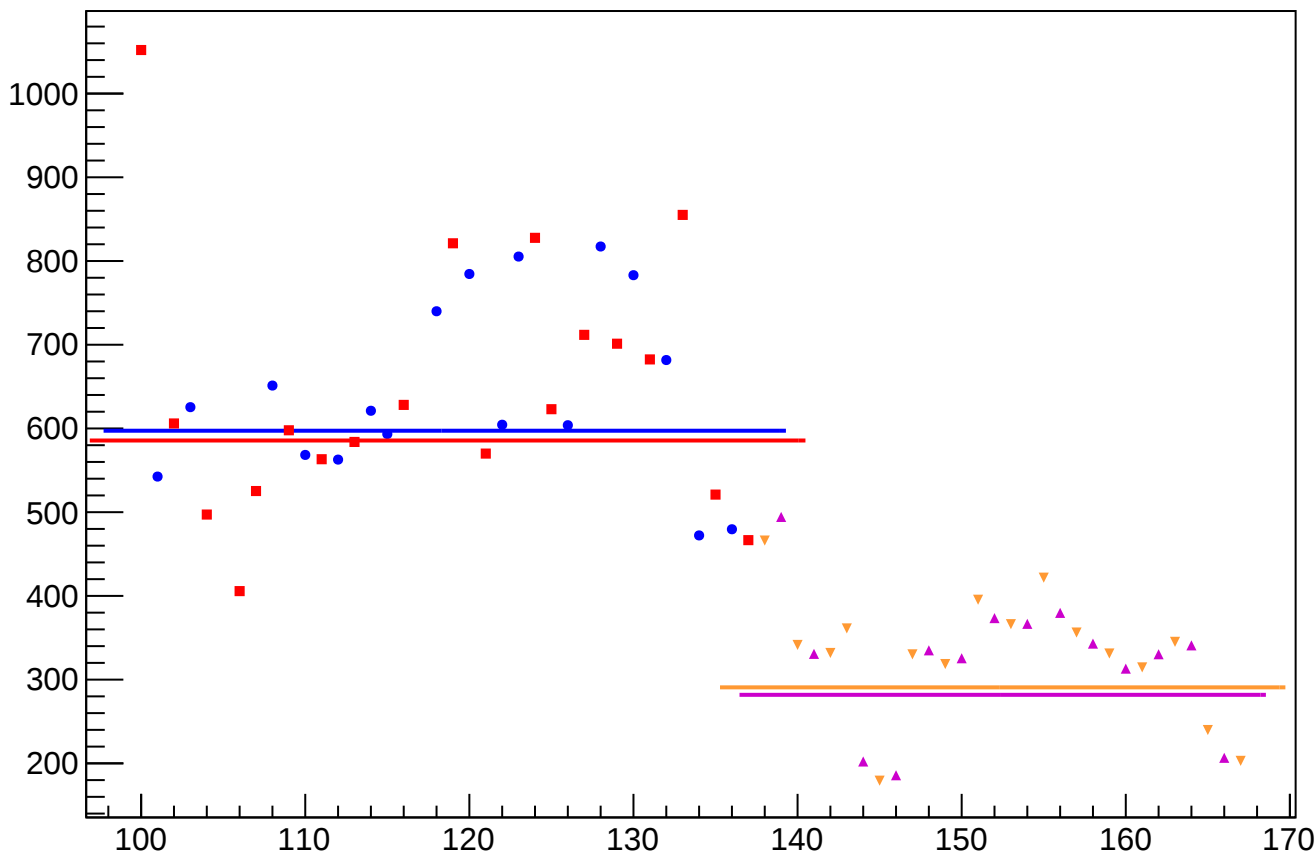
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: -14.236 ± 83.369 $\chi^2/\text{NDF}: 39.8/30$

Out: 395.655 ± 81.381 $\chi^2/\text{NDF}: 56.4/34$

All: 195.654 ± 58.235 $\chi^2/\text{NDF}: 108.5/65$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 290.768 $\pm$ 0.062 χ^2 /NDF:1729083.5/15

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 281.842 $\pm$ 0.063 χ^2 /NDF:1640336.6/13

Left: 286.398 $\pm$ 0.044 χ^2 /NDF: 3379656.2/29

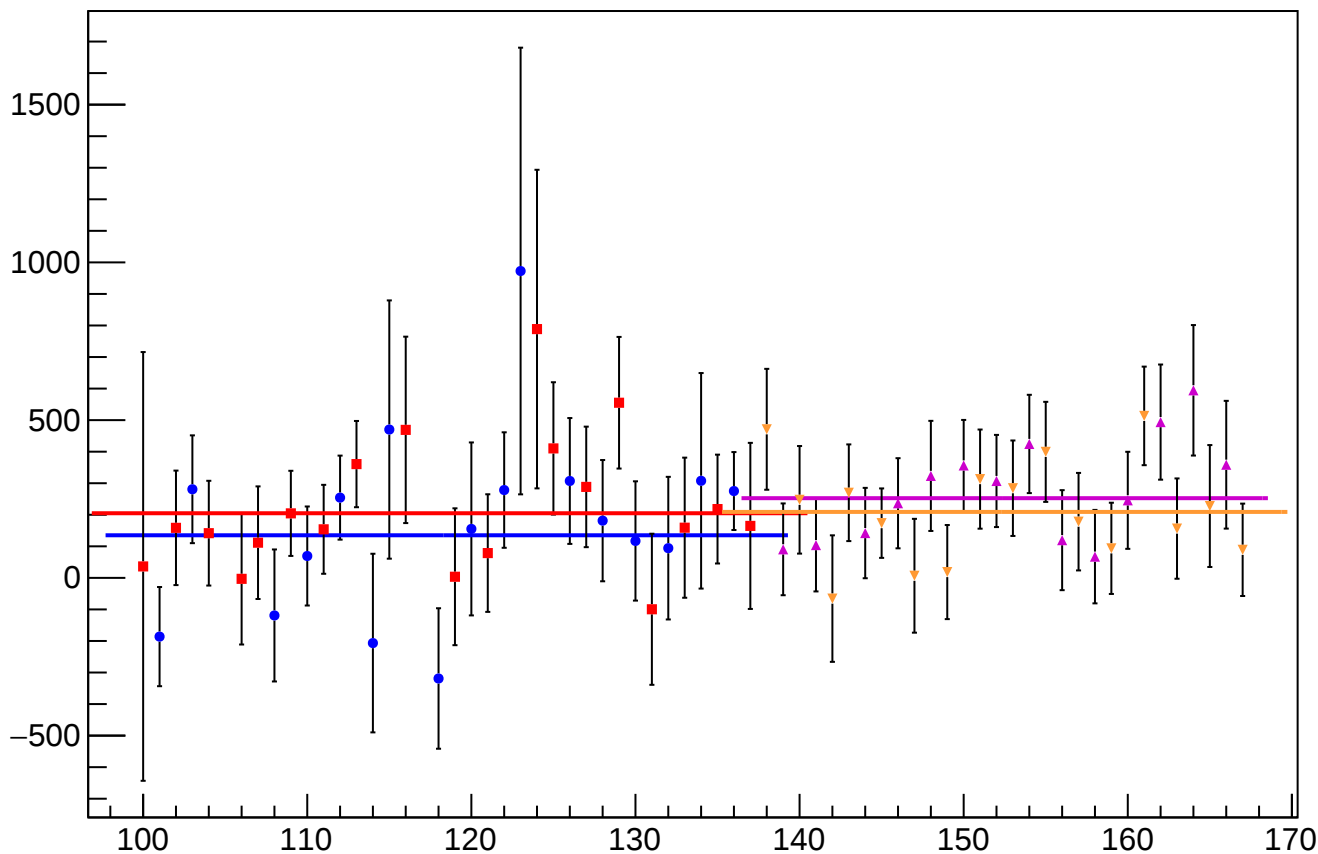
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 321.342 $\pm$ 0.059 χ^2 /NDF:5140604.9/30

Out: 329.377 $\pm$ 0.058 χ^2 /NDF:5191300.4/34

All: 325.456 $\pm$ 0.041 χ^2 /NDF: 10341418.7/65

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2/NDF : 18.1/16

Left Out: 209.069 $\pm$ 39.074 χ^2/NDF : 14.3/15

Right Out: 204.866 $\pm$ 44.440 χ^2/NDF : 12.1/18

Left In: 252.601 $\pm$ 42.043 χ^2/NDF : 11.9/13

Left: 229.244 $\pm$ 28.622 χ^2/NDF : 26.9/29

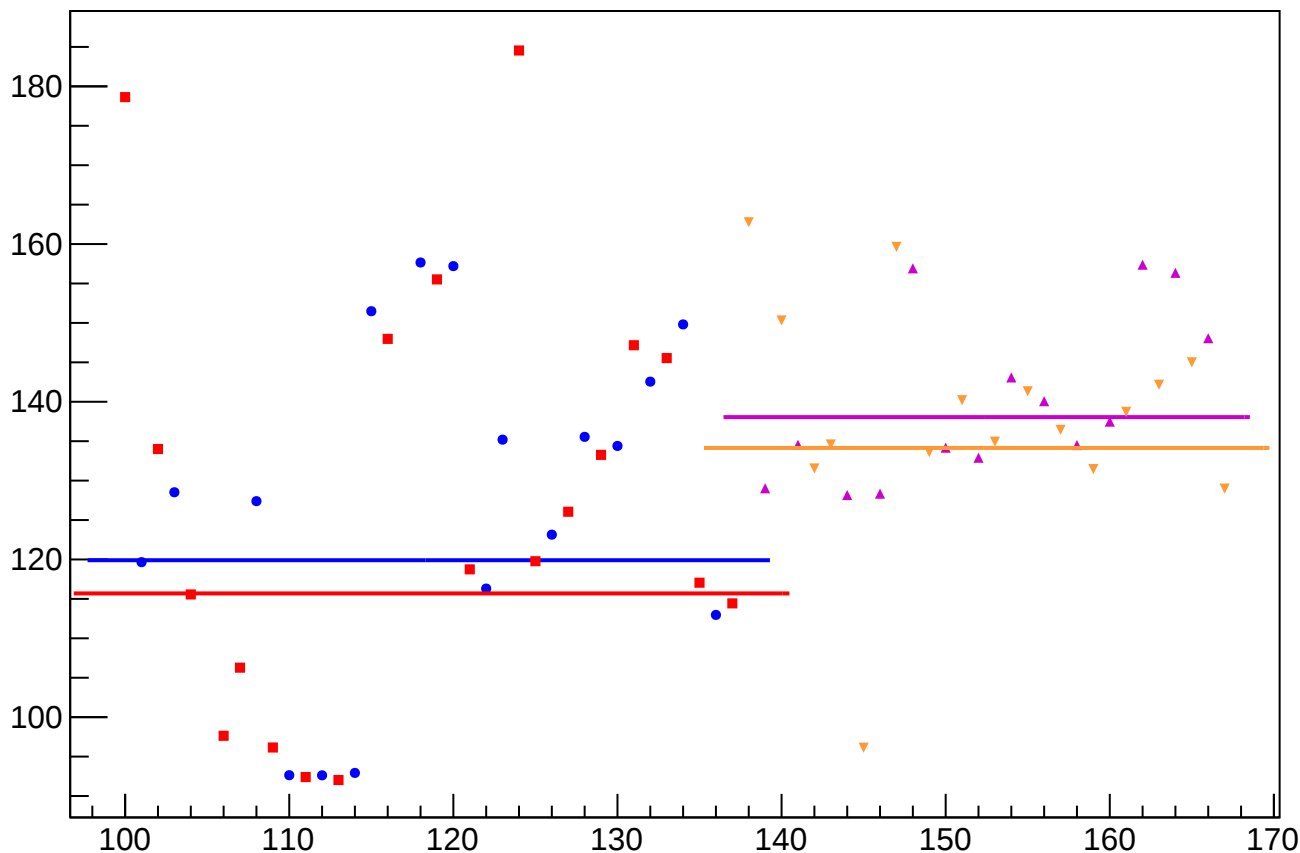
Right: 171.919 $\pm$ 32.299 χ^2/NDF : 31.3/35

In: 200.370 $\pm$ 31.343 χ^2/NDF : 33.5/30

Out: 207.237 $\pm$ 29.344 χ^2/NDF : 26.4/34

All: 204.029 $\pm$ 21.421 χ^2/NDF : 59.9/65

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 ± 0.033 $\chi^2/\text{NDF}: 345510.5/16$

Left Out: 134.144 ± 0.028 $\chi^2/\text{NDF}: 365404.5/15$

Right Out: 115.693 ± 0.031 $\chi^2/\text{NDF}: 435335.9/18$

Left In: 138.052 ± 0.030 $\chi^2/\text{NDF}: 101476.9/13$

Left: 135.955 ± 0.020 $\chi^2/\text{NDF}: 476157.1/29$

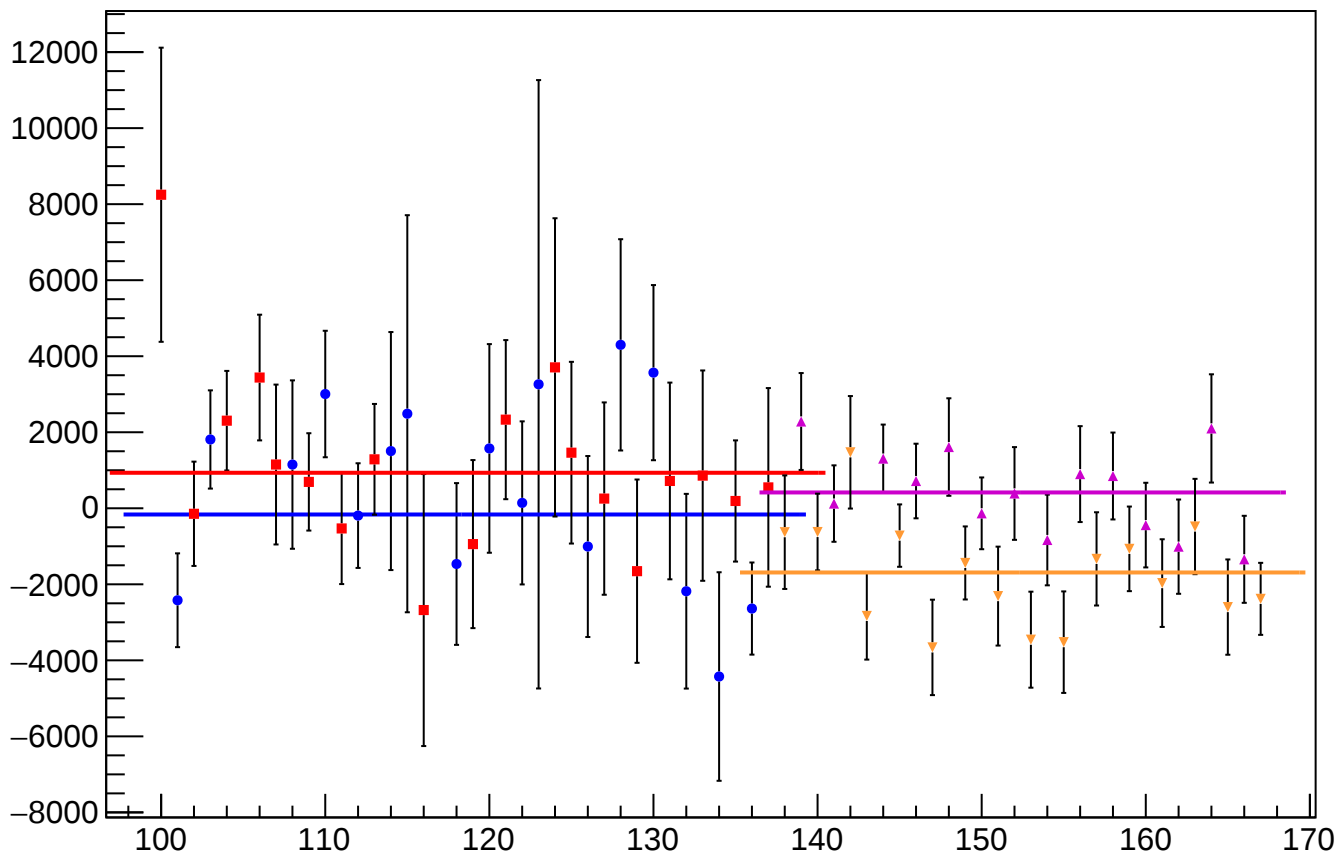
Right: 117.679 ± 0.023 $\chi^2/\text{NDF}: 789317.7/35$

In: 129.990 ± 0.022 $\chi^2/\text{NDF}: 612552.1/30$

Out: 126.099 ± 0.021 $\chi^2/\text{NDF}: 995181.3/34$

All: 127.916 ± 0.015 $\chi^2/\text{NDF}: 1624159.8/65$

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1688.826 $\pm$ 285.850 χ^2 /NDF:17.6/15

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 416.198 $\pm$ 300.088 χ^2 /NDF:11.6/13

Left: -687.435 $\pm$ 206.977 χ^2 /NDF: 55.0/29

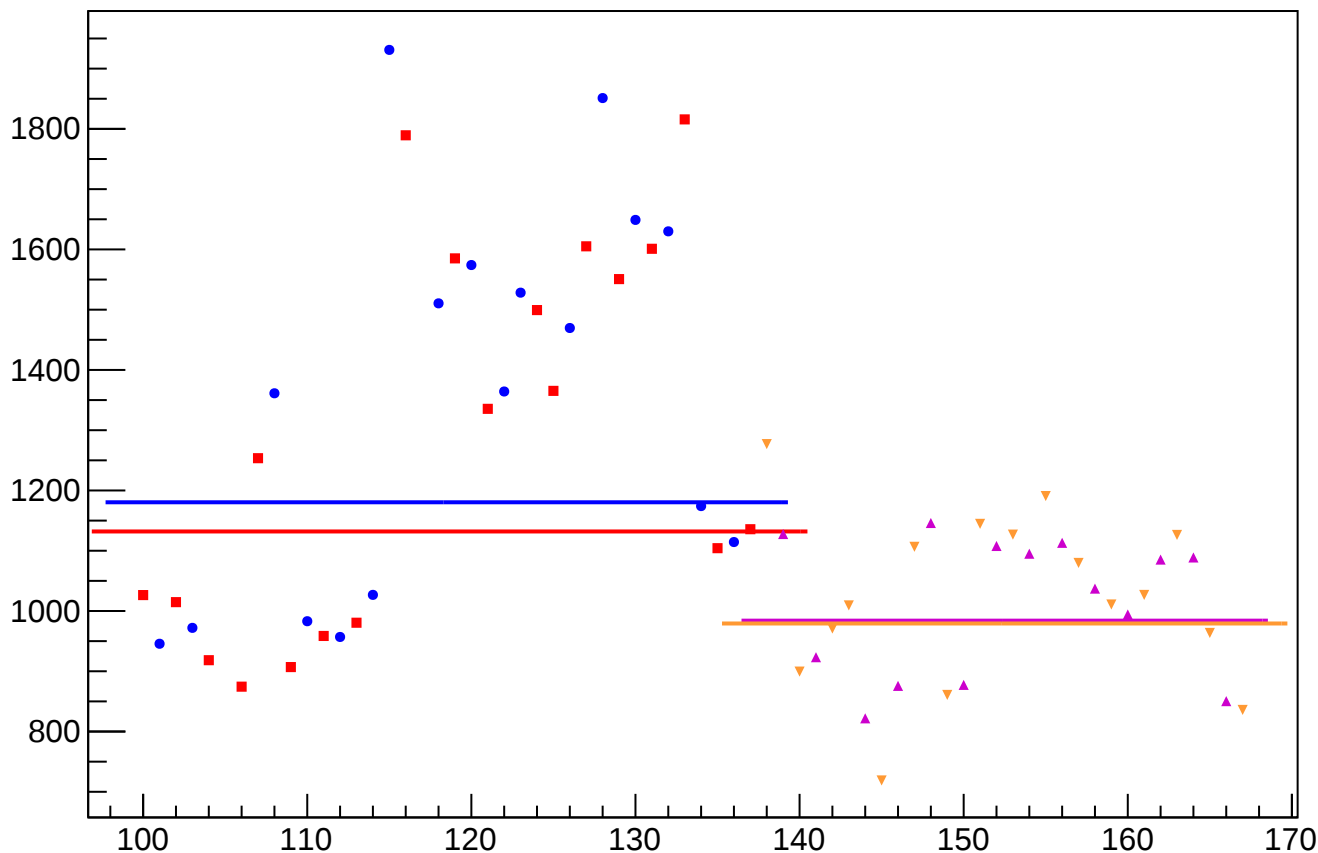
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 248.098 $\pm$ 252.866 χ^2 /NDF:36.4/30

Out: -904.512 $\pm$ 239.324 χ^2 /NDF:55.7/34

All: -359.895 $\pm$ 173.818 χ^2 /NDF: 103.0/65

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: 979.271 $\pm$ 0.202 χ^2/NDF : 547622.8/15

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 983.979 $\pm$ 0.212 χ^2/NDF : 294915.4/13

Left: 981.511 $\pm$ 0.146 χ^2/NDF : 842796.3/29

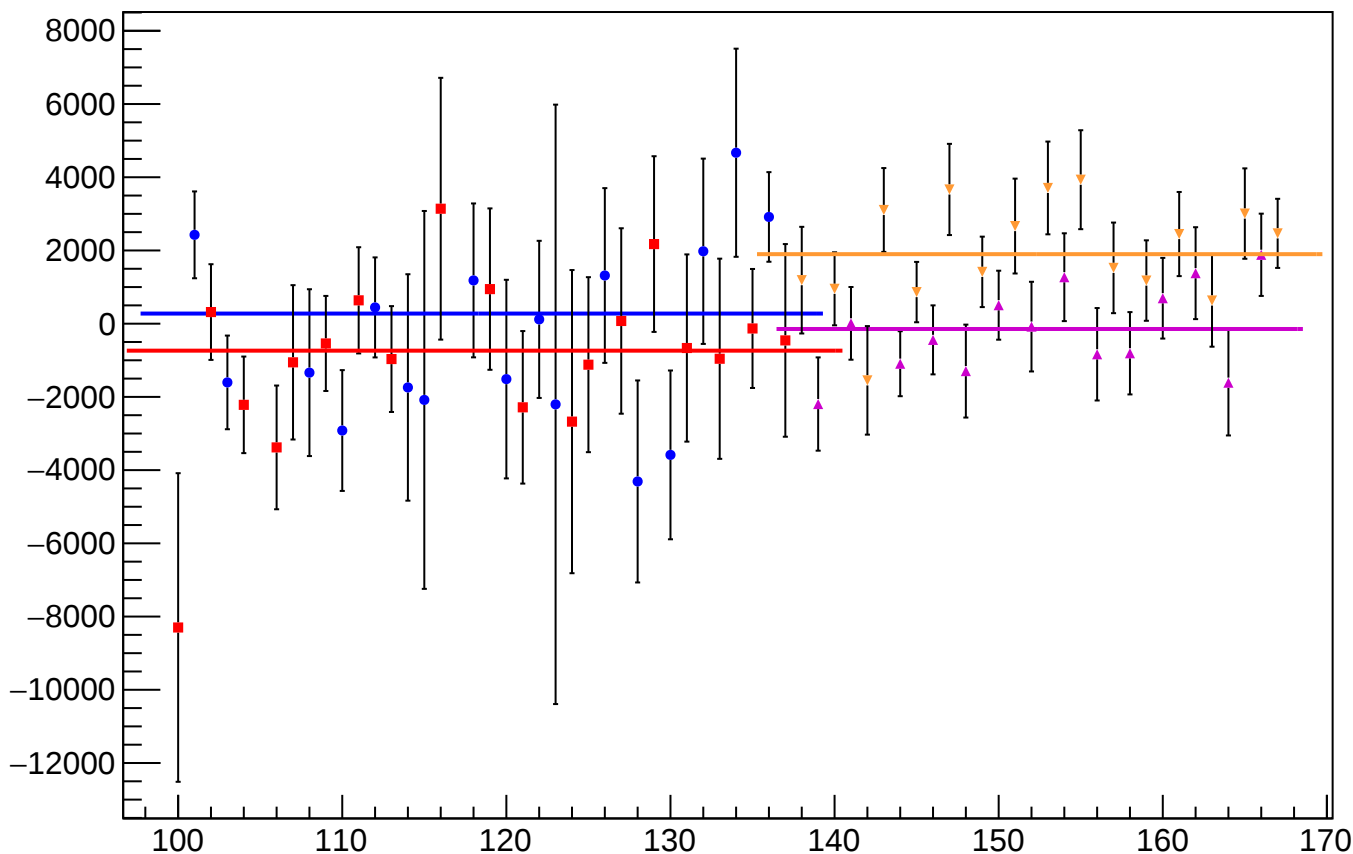
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1040.934 $\pm$ 0.179 χ^2/NDF : 1212223.1/30

Out: 1024.936 $\pm$ 0.169 χ^2/NDF : 1480211.7/34

All: 1032.495 $\pm$ 0.123 χ^2/NDF : 2696657.6/65

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1899.009 $\pm$ 285.106 χ^2 /NDF:19.1/15

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -144.857 $\pm$ 297.688 χ^2 /NDF:13.5/13

Left: 921.179 $\pm$ 205.905 χ^2 /NDF: 57.2/29

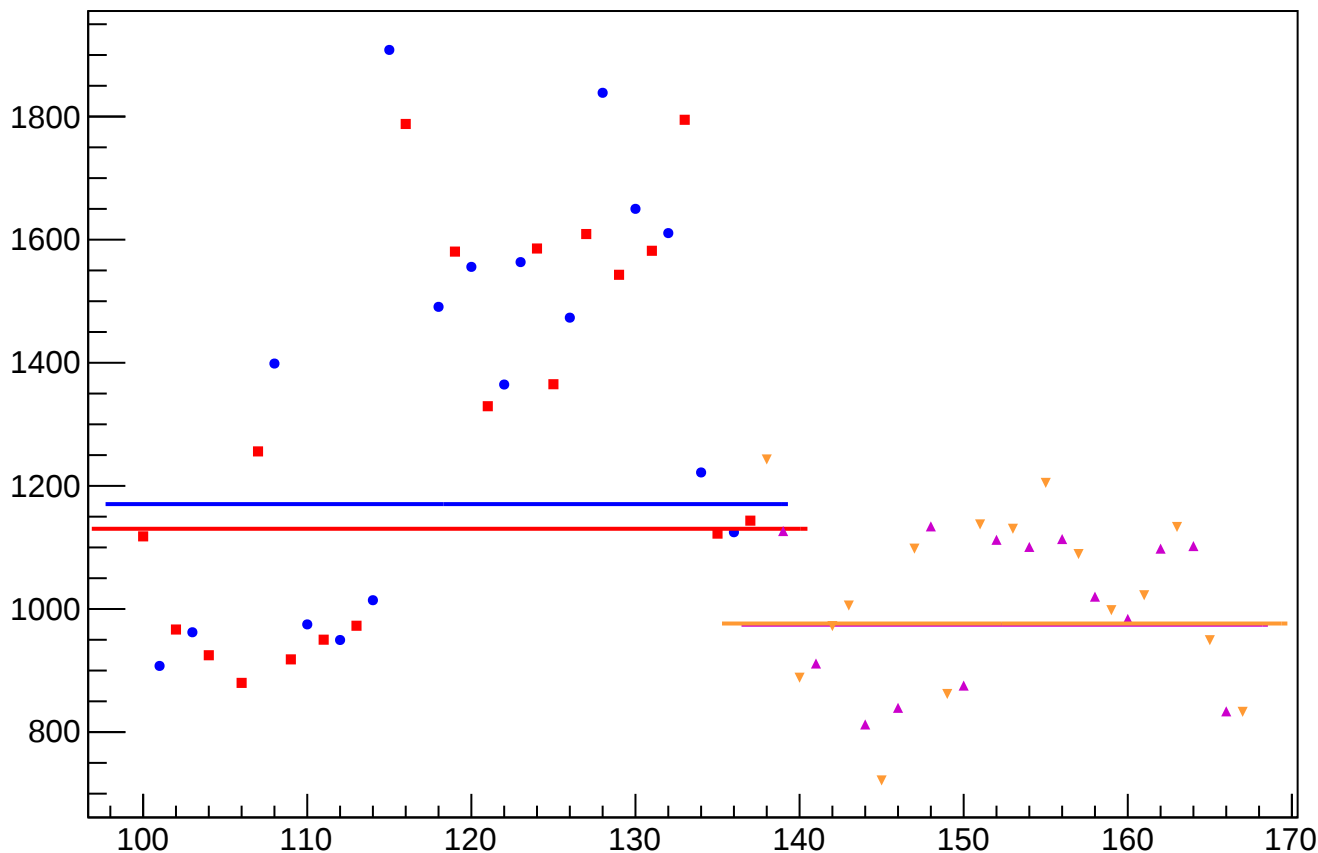
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -22.922 $\pm$ 250.935 χ^2 /NDF:38.4/30

Out: 1113.198 $\pm$ 238.854 χ^2 /NDF:57.4/34

All: 573.143 $\pm$ 173.009 χ^2 /NDF: 106.6/65

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 976.410 $\pm$ 0.202 χ^2 /NDF: 538771.0/15

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 974.425 $\pm$ 0.210 χ^2 /NDF: 339816.3/13

Left: 975.460 $\pm$ 0.146 χ^2 /NDF: 878633.7/29

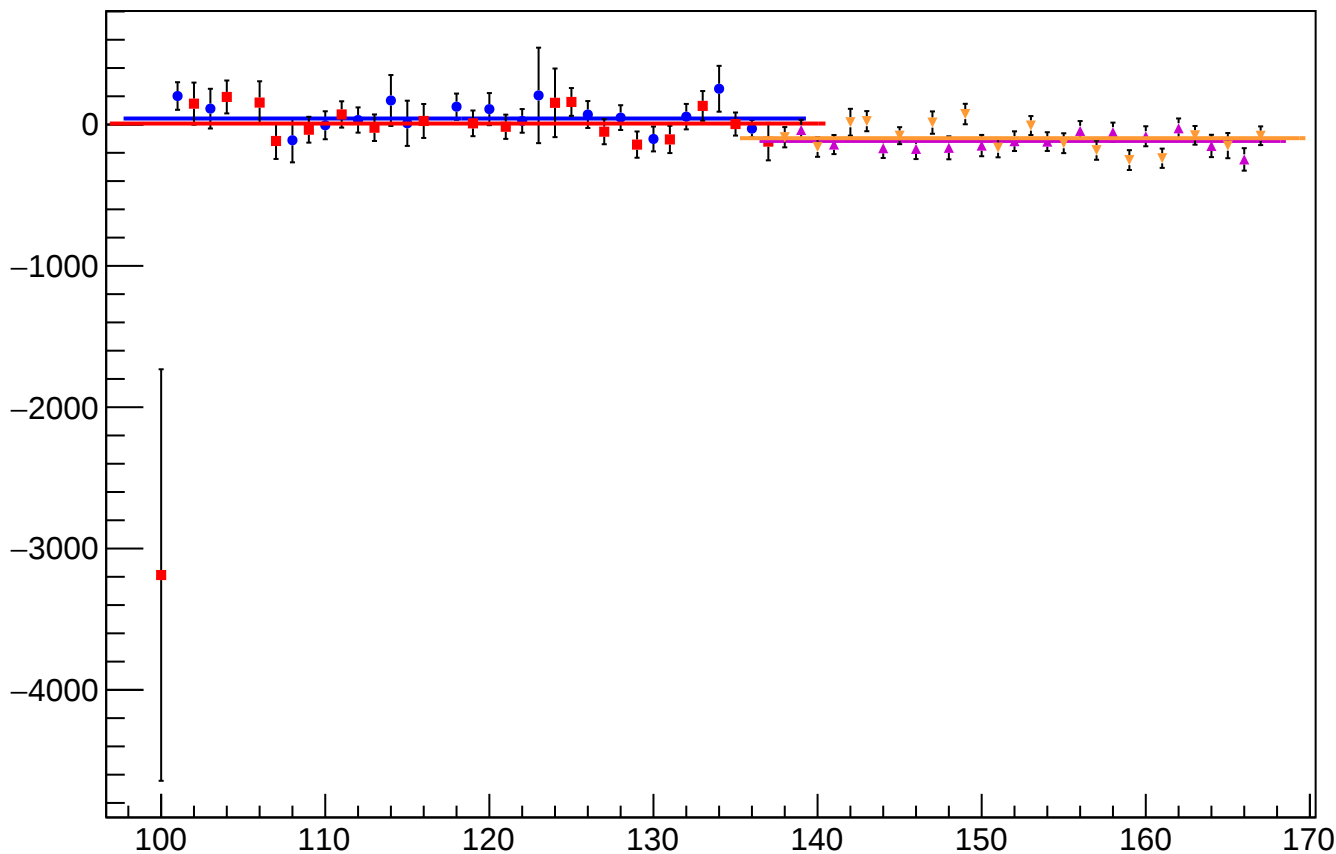
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1031.149 $\pm$ 0.177 χ^2 /NDF: 1296195.9/30

Out: 1022.296 $\pm$ 0.169 χ^2 /NDF: 1475587.1/34

All: 1026.505 $\pm$ 0.122 χ^2 /NDF: 2773089.1/65

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 χ^2/NDF : 12.0/16

Left Out: -96.513 ± 17.700 χ^2/NDF : 26.9/15

Right Out: 7.090 ± 24.489 χ^2/NDF : 20.6/18

Left In: -115.848 ± 19.158 χ^2/NDF : 9.7/13

Left: -105.417 ± 13.001 χ^2/NDF : 37.2/29

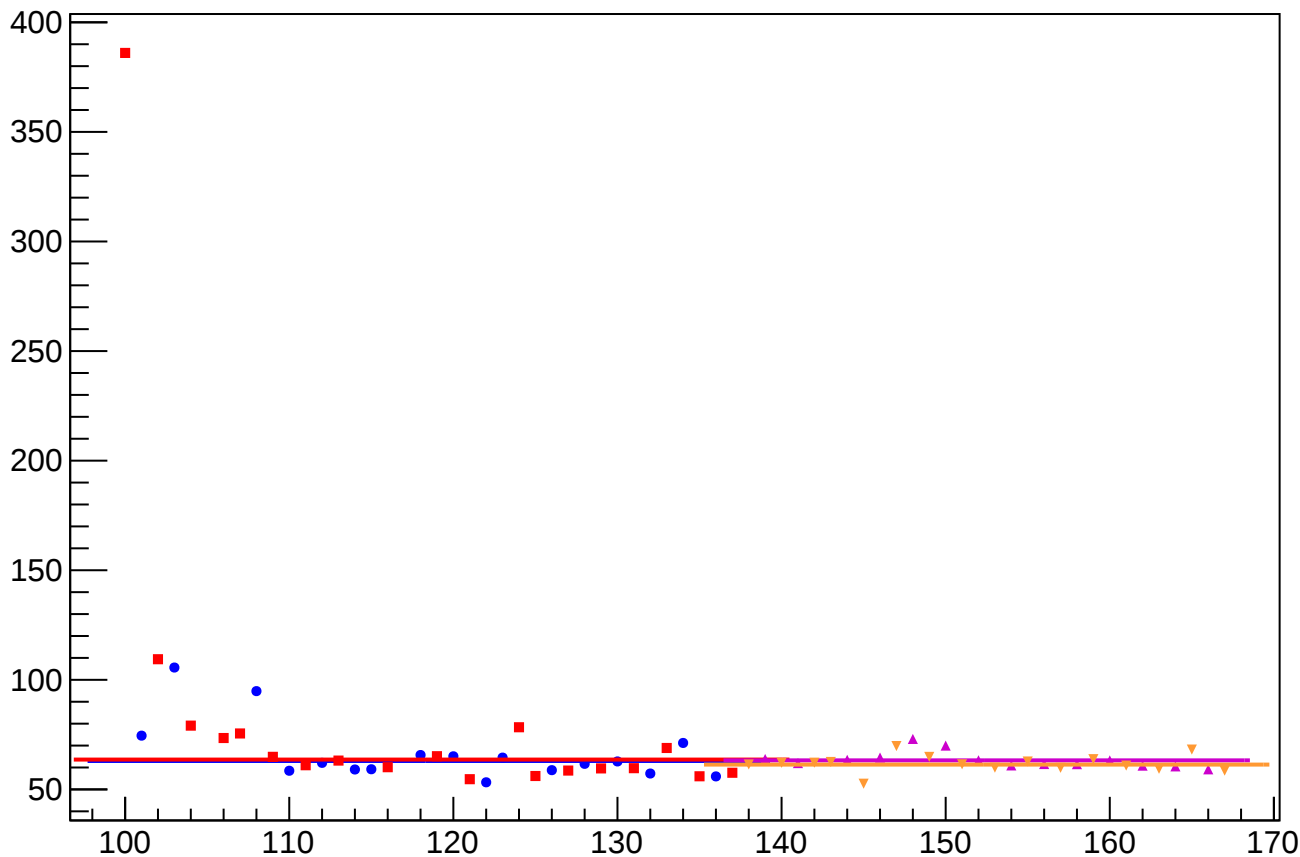
Right: 24.729 ± 17.391 χ^2/NDF : 33.6/35

In: -56.306 ± 15.138 χ^2/NDF : 47.4/30

Out: -60.961 ± 14.345 χ^2/NDF : 59.3/34

All: -58.759 ± 10.413 χ^2/NDF : 106.7/65

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: 61.326 $\pm$ 0.013 χ^2/NDF : 92944.9/15

Right Out: 63.613 $\pm$ 0.017 χ^2/NDF : 433549.0/18

Left In: 63.254 $\pm$ 0.014 χ^2/NDF : 61513.0/13

Left: 62.214 $\pm$ 0.009 χ^2/NDF : 165381.7/29

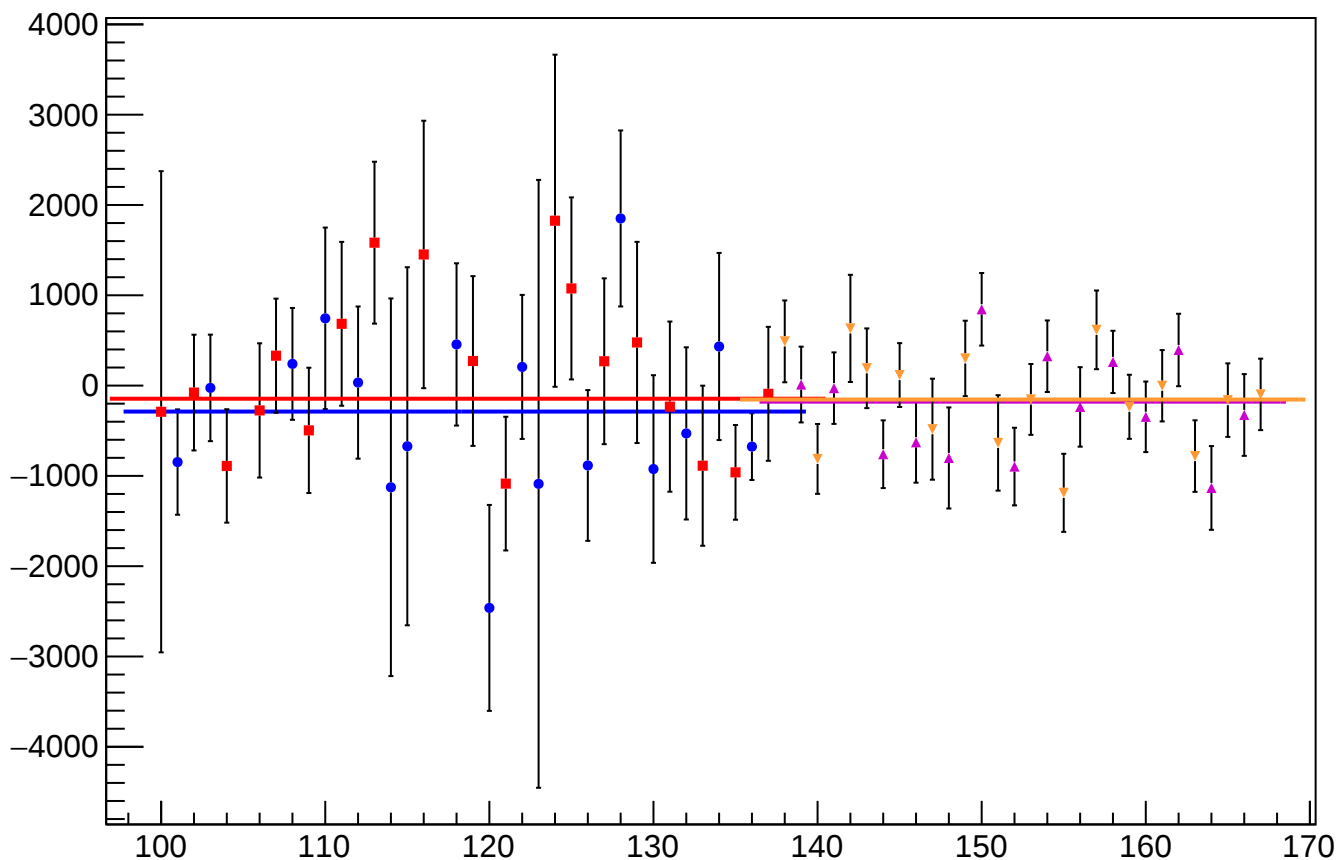
Right: 63.300 $\pm$ 0.012 χ^2/NDF : 809475.4/35

In: 63.151 $\pm$ 0.011 χ^2/NDF : 436929.7/30

Out: 62.111 $\pm$ 0.010 χ^2/NDF : 537954.2/34

All: 62.603 $\pm$ 0.007 χ^2/NDF : 979856.9/65

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -154.498+/-105.237 χ^2/NDF : 21.8/15

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -177.884+/-110.961 χ^2/NDF : 24.1/13

Left: -165.572+/-76.357 χ^2/NDF : 45.9/29

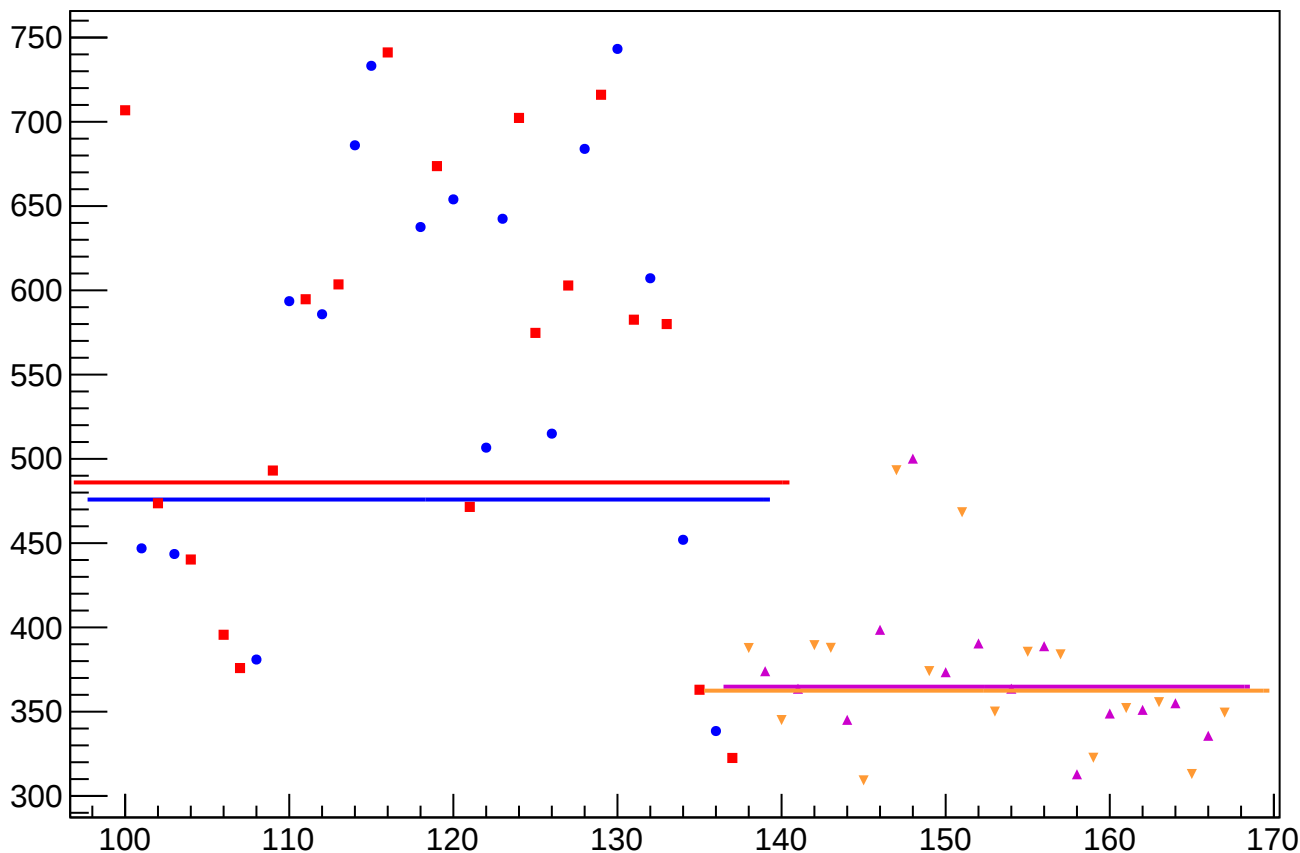
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -205.833+/-95.803 χ^2/NDF : 39.7/30

Out: -152.301+/-91.748 χ^2/NDF : 37.9/34

All: -177.910+/-66.263 χ^2/NDF : 77.7/65

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: 362.468 ± 0.074 χ^2/NDF : 328913.8/15

Right Out: 486.011 ± 0.132 χ^2/NDF : 730123.7/18

Left In: 364.824 ± 0.078 χ^2/NDF : 209086.6/13

Left: 363.584 ± 0.054 χ^2/NDF : 538474.8/29

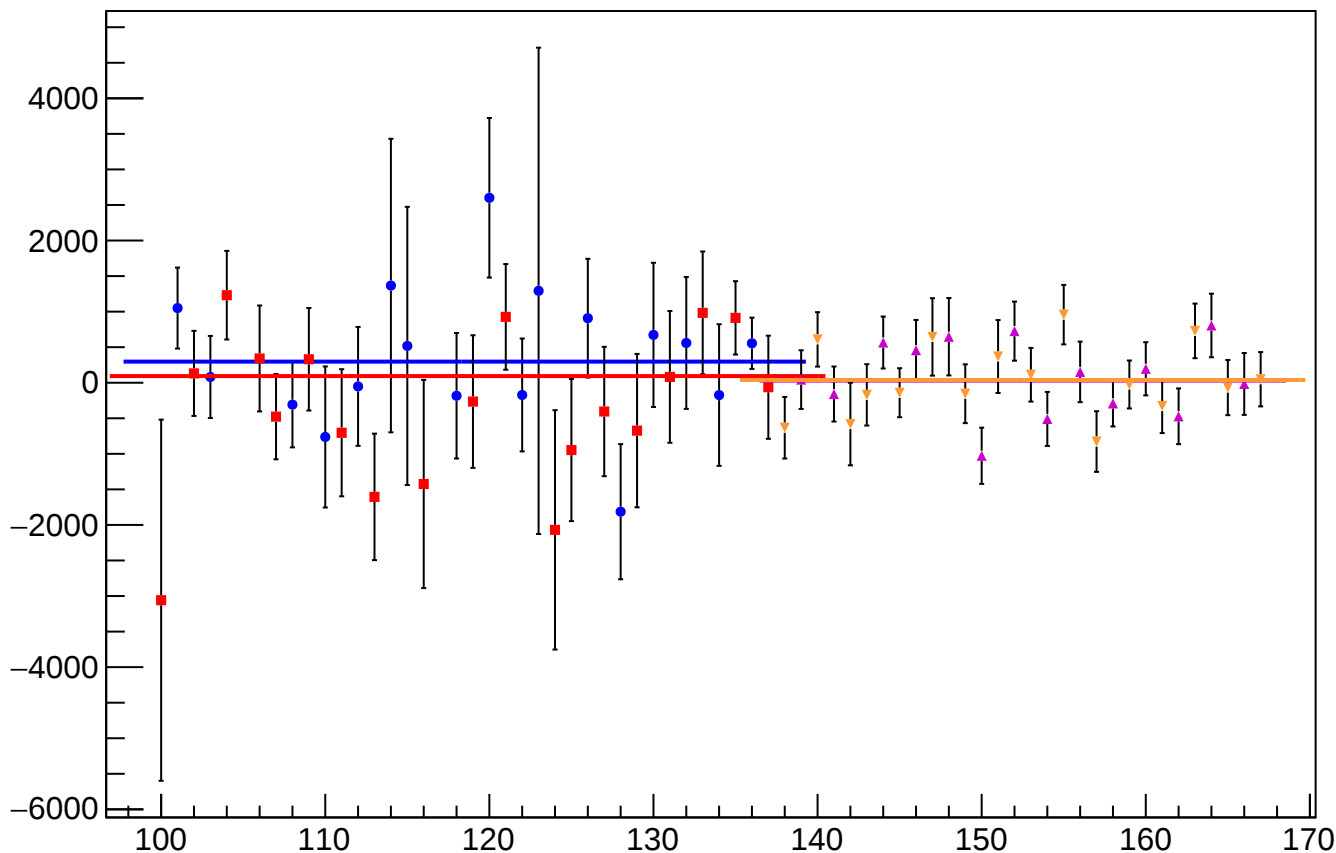
Right: 481.010 ± 0.094 χ^2/NDF : 1570822.6/35

In: 393.090 ± 0.068 χ^2/NDF : 1556779.0/30

Out: 392.108 ± 0.065 χ^2/NDF : 1720324.4/34

All: 392.578 ± 0.047 χ^2/NDF : 3277212.9/65

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: 38.438 $\pm$ 101.977 χ^2 /NDF:21.4/15

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 29.750 $\pm$ 107.174 χ^2 /NDF:22.6/13

Left: 34.310 $\pm$ 73.877 χ^2 /NDF: 44.0/29

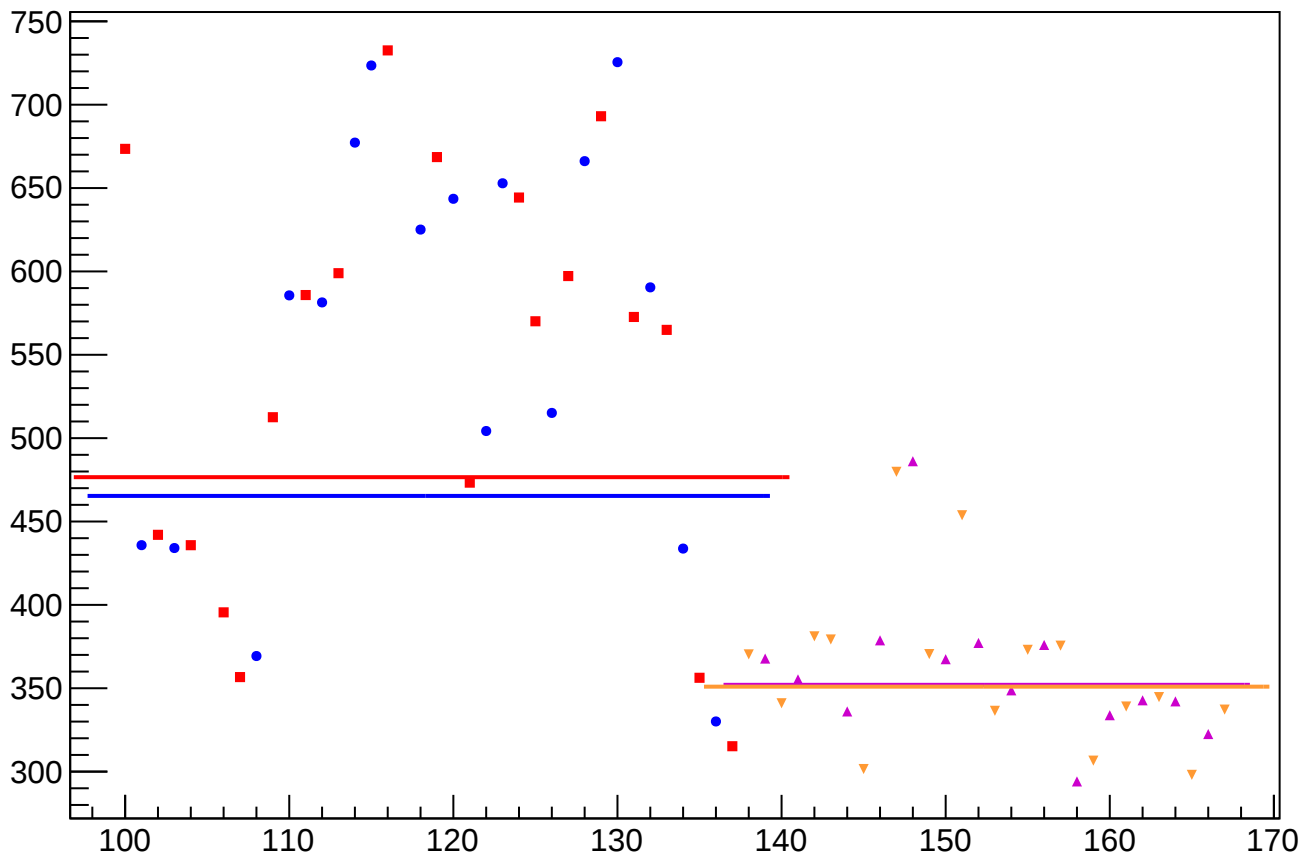
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 96.373 $\pm$ 92.858 χ^2 /NDF:40.0/30

Out: 51.391 $\pm$ 89.185 χ^2 /NDF:41.6/34

All: 72.975 $\pm$ 64.323 χ^2 /NDF: 81.7/65

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 350.950 $\pm$ 0.072 χ^2 /NDF: 349534.1/15

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 352.053 $\pm$ 0.076 χ^2 /NDF: 232981.0/13

Left: 351.474 $\pm$ 0.052 χ^2 /NDF: 582626.3/29

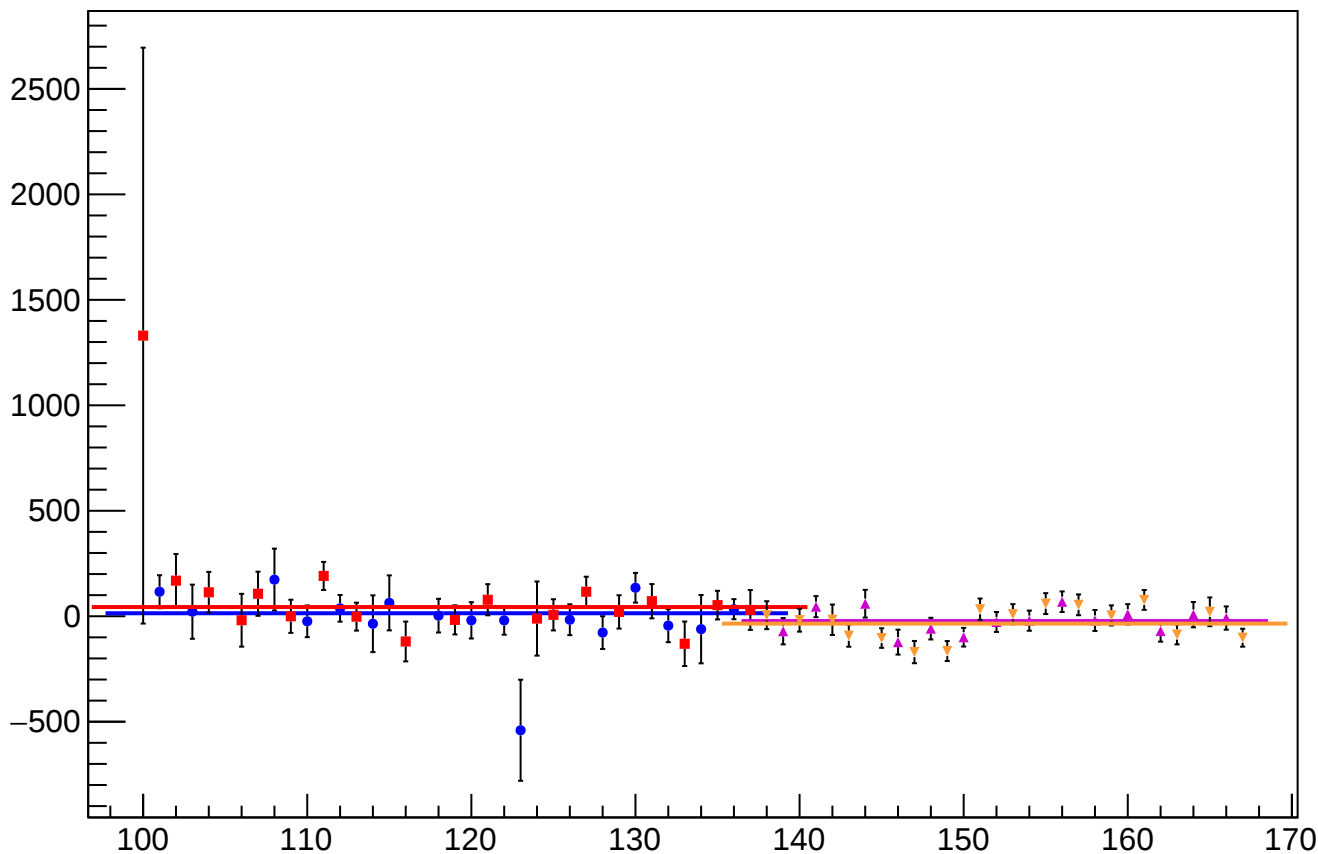
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 380.300 $\pm$ 0.066 χ^2 /NDF: 1650666.3/30

Out: 380.495 $\pm$ 0.063 χ^2 /NDF: 1816431.9/34

All: 380.402 $\pm$ 0.045 χ^2 /NDF: 3467102.8/65

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -34.941+/-12.735 χ^2/NDF :38.4/15

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -22.912+/-13.850 χ^2/NDF :15.6/13

Left: -29.430+/-9.374 χ^2/NDF : 54.4/29

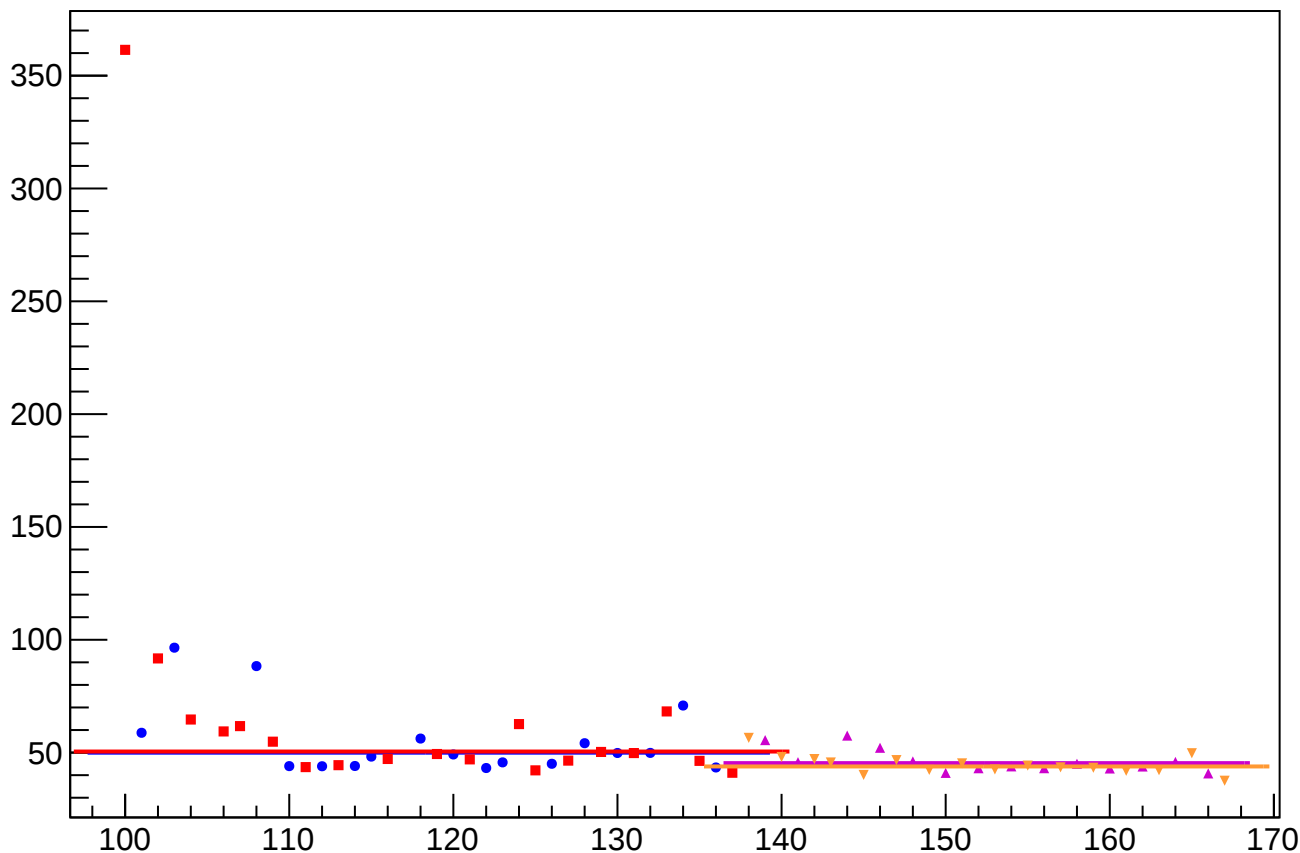
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: -10.756+/-11.362 χ^2/NDF :32.7/30

Out: -11.706+/-10.686 χ^2/NDF :66.7/34

All: -11.260+/-7.784 χ^2/NDF : 99.4/65

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 43.859+/-0.009 χ^2/NDF : 181170.9/15

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 45.333+/-0.010 χ^2/NDF : 200120.4/13

Left: 44.534+/-0.007 χ^2/NDF : 393569.8/29

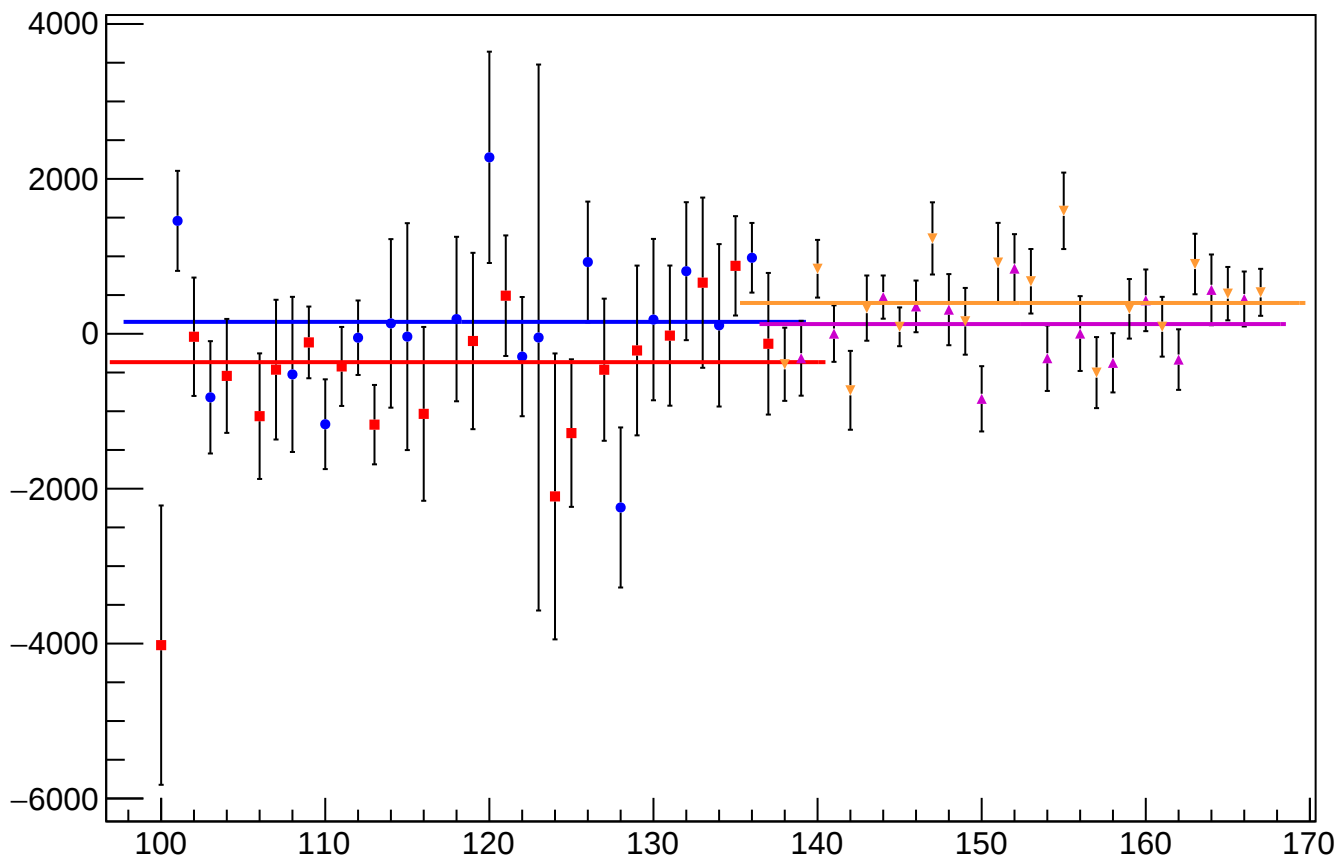
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 46.851+/-0.008 χ^2/NDF : 852280.0/30

Out: 45.815+/-0.008 χ^2/NDF : 912024.9/34

All: 46.301+/-0.006 χ^2/NDF : 1773117.5/65

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: 398.002 $\pm$ 97.663 χ^2 /NDF:28.0/15

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 125.466 $\pm$ 104.621 χ^2 /NDF:17.6/13

Left: 271.097 $\pm$ 71.391 χ^2 /NDF: 49.1/29

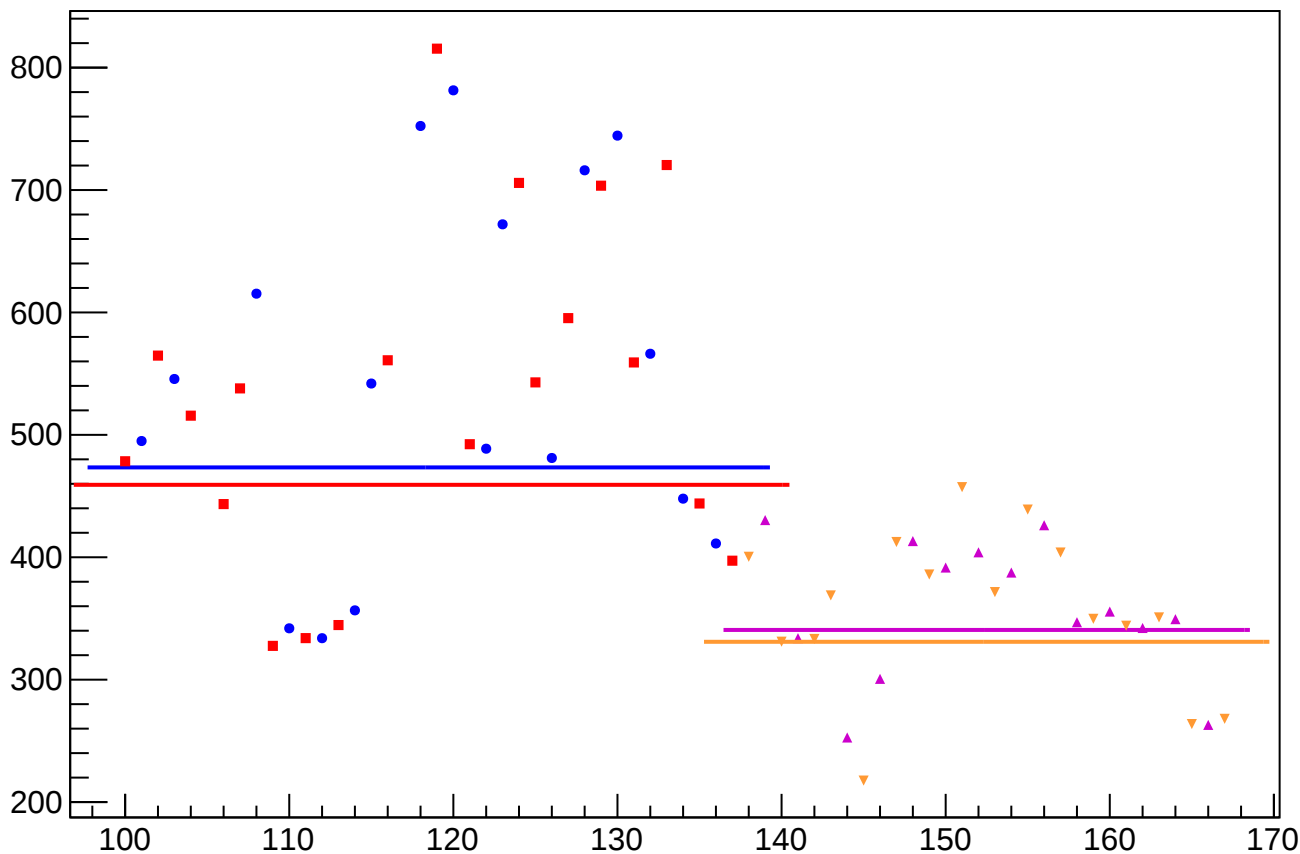
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 132.070 $\pm$ 91.642 χ^2 /NDF:42.4/30

Out: 222.540 $\pm$ 85.722 χ^2 /NDF:58.2/34

All: 180.321 $\pm$ 62.603 χ^2 /NDF: 101.1/65

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 330.943 $\pm$ 0.069 χ^2/NDF :1024309.5/15

Right Out: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

Left In: 340.631 $\pm$ 0.074 χ^2/NDF :603696.3/13

Left: 335.454 $\pm$ 0.050 χ^2/NDF : 1637168.9/29

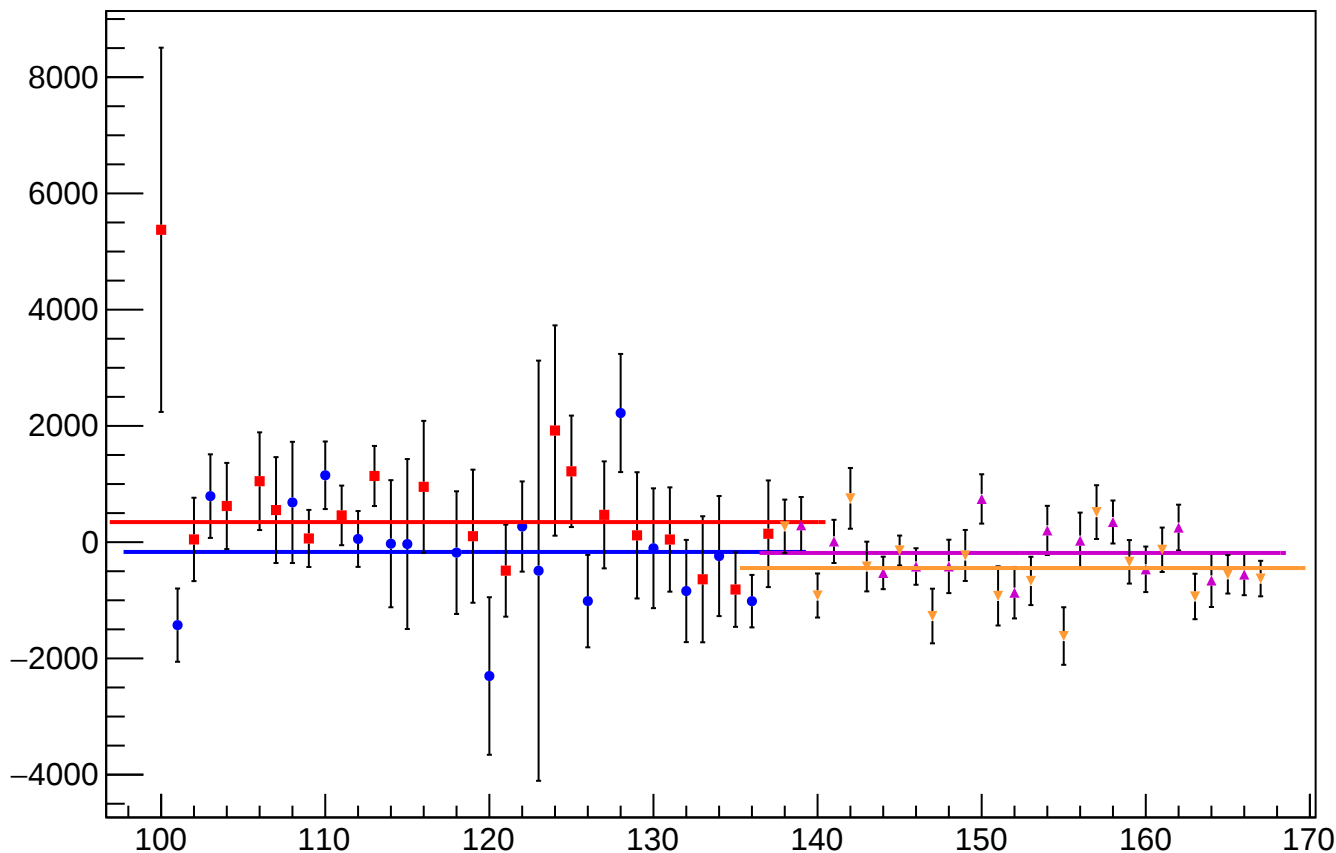
Right: 465.867 $\pm$ 0.092 χ^2/NDF : 1927360.0/35

In: 371.531 $\pm$ 0.065 χ^2/NDF :2268306.3/30

Out: 360.384 $\pm$ 0.061 χ^2/NDF :2822426.9/34

All: 365.586 $\pm$ 0.044 χ^2/NDF : 5106516.9/65

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -445.253+/-97.848 χ^2/NDF :27.8/15

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -185.443+/-103.843 χ^2/NDF :17.8/13

Left: -323.063+/-71.214 χ^2/NDF : 48.9/29

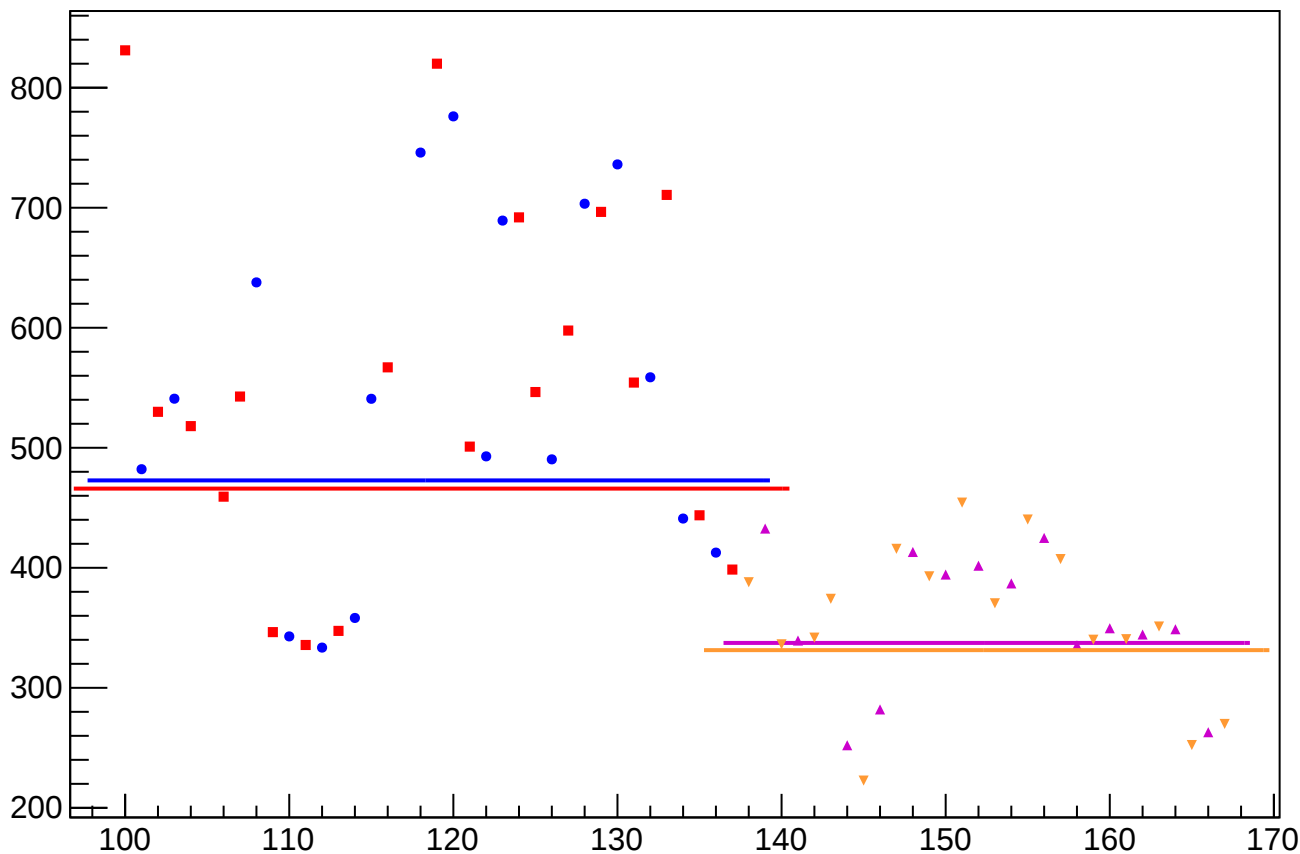
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -181.434+/-91.095 χ^2/NDF :43.2/30

Out: -266.815+/-86.103 χ^2/NDF :56.3/34

All: -226.528+/-62.574 χ^2/NDF : 99.9/65

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: 331.397 $\pm$ 0.069 χ^2 /NDF:1000023.8/15

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 337.407 $\pm$ 0.073 χ^2 /NDF:643097.1/13

Left: 334.224 $\pm$ 0.050 χ^2 /NDF: 1646670.0/29

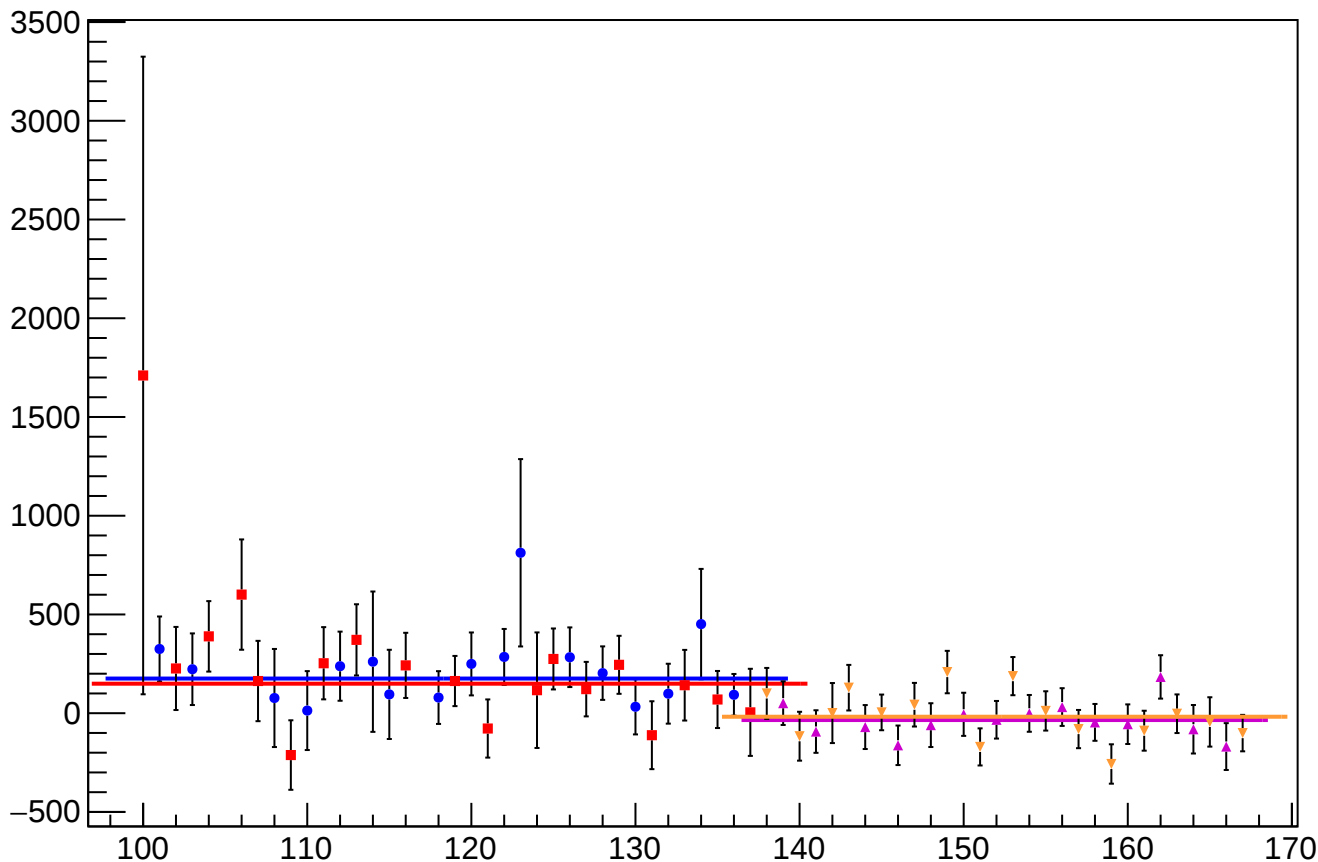
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 368.614 $\pm$ 0.064 χ^2 /NDF:2323225.2/30

Out: 361.768 $\pm$ 0.061 χ^2 /NDF:2795950.7/34

All: 364.998 $\pm$ 0.044 χ^2 /NDF: 5125140.6/65

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -17.900 $\pm$ 26.286 χ^2 /NDF:22.7/15

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -34.691 $\pm$ 27.913 χ^2 /NDF:8.8/13

Left: -25.792 $\pm$ 19.137 χ^2 /NDF: 31.7/29

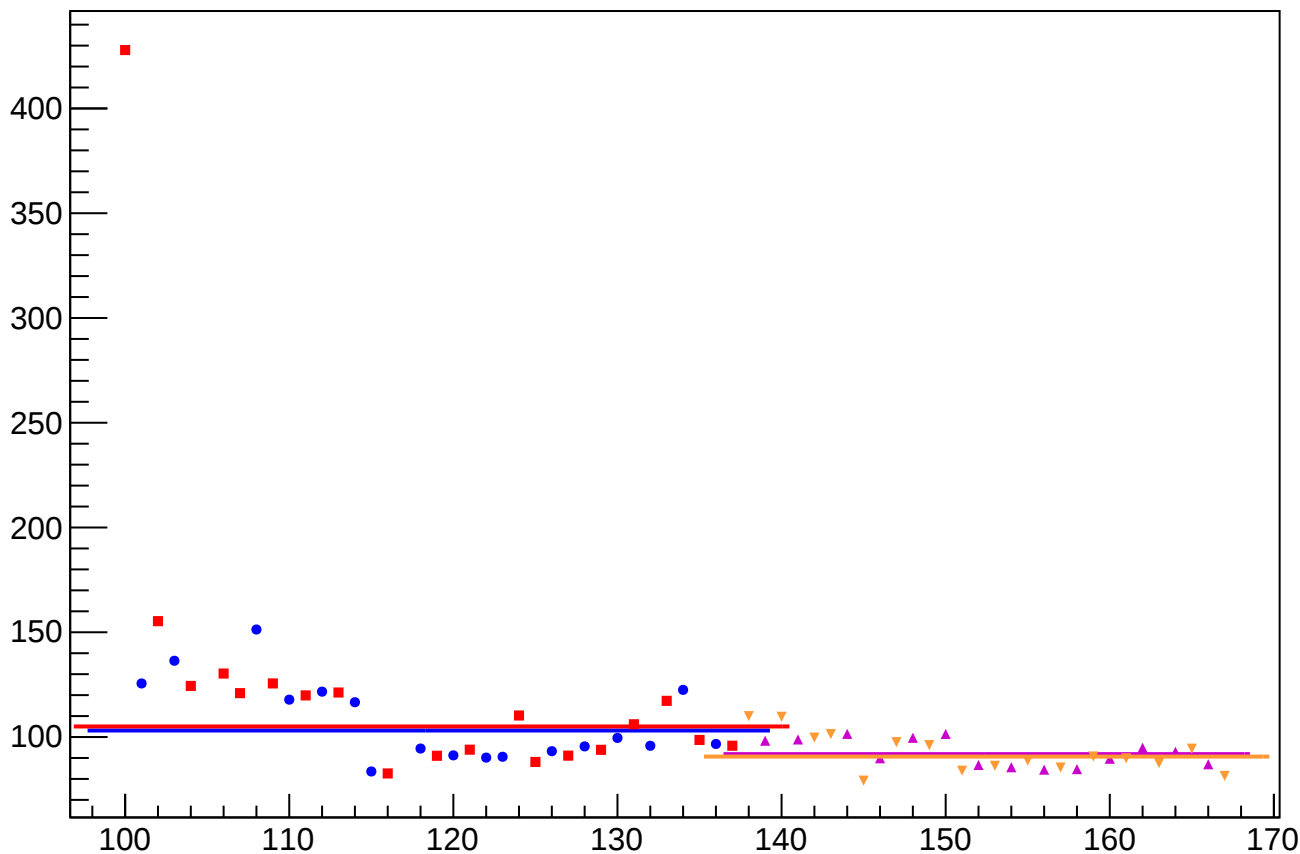
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 33.311 $\pm$ 22.957 χ^2 /NDF:35.7/30

Out: 32.005 $\pm$ 22.020 χ^2 /NDF:53.2/34

All: 32.631 $\pm$ 15.891 χ^2 /NDF: 88.9/65

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: 90.664 $\pm$ 0.019 χ^2 /NDF:206532.4/15

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 91.838 $\pm$ 0.020 χ^2 /NDF:101224.7/13

Left: 91.216 $\pm$ 0.014 χ^2 /NDF: 309632.6/29

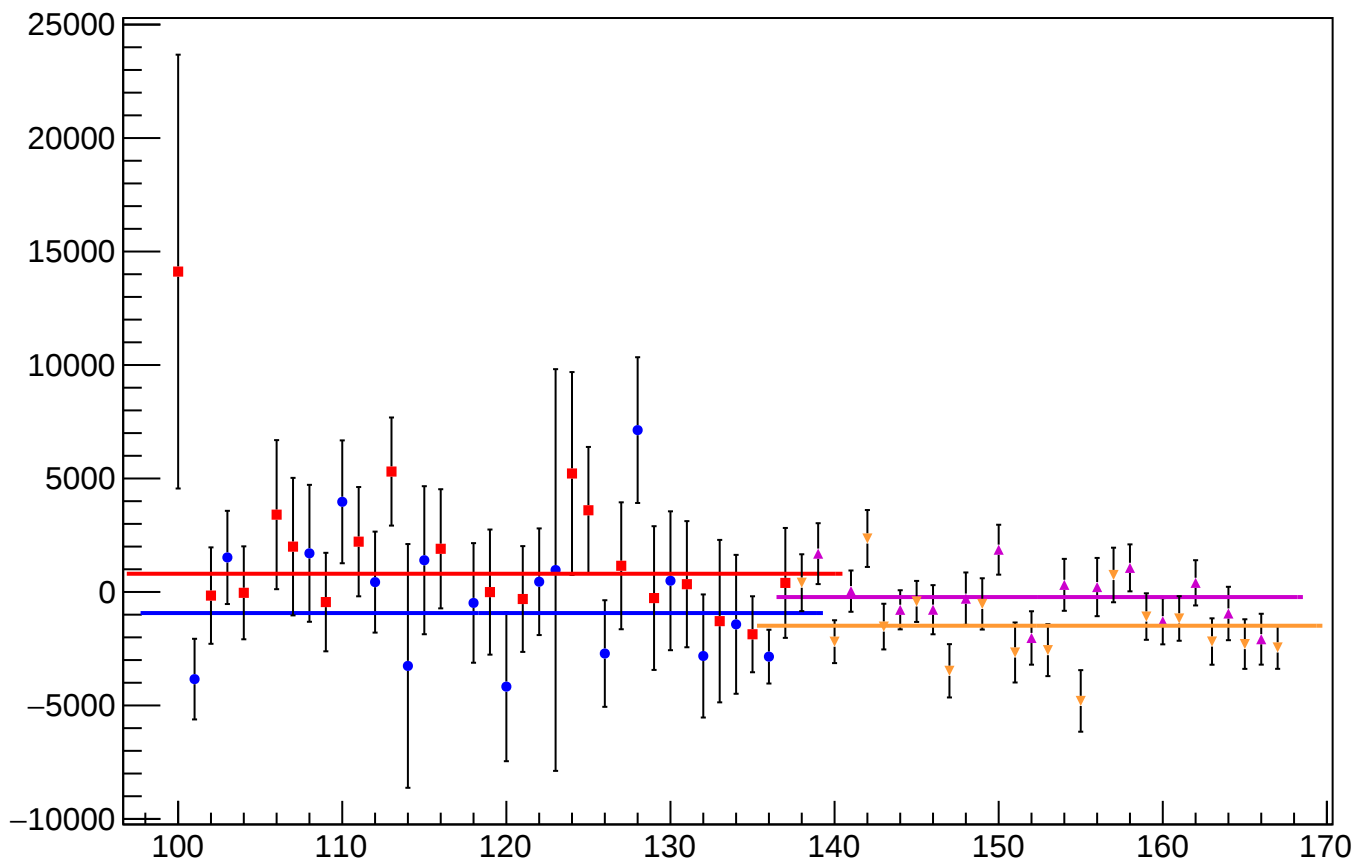
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 95.486 $\pm$ 0.016 χ^2 /NDF:513229.5/30

Out: 94.954 $\pm$ 0.016 χ^2 /NDF:833786.1/34

All: 95.209 $\pm$ 0.011 χ^2 /NDF: 1347576.3/65

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: -1487.379 $\pm$ 271.248 χ^2 /NDF:30.6/15

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -224.354 $\pm$ 287.956 χ^2 /NDF:15.3/13

Left: -893.571 $\pm$ 197.444 χ^2 /NDF: 56.1/29

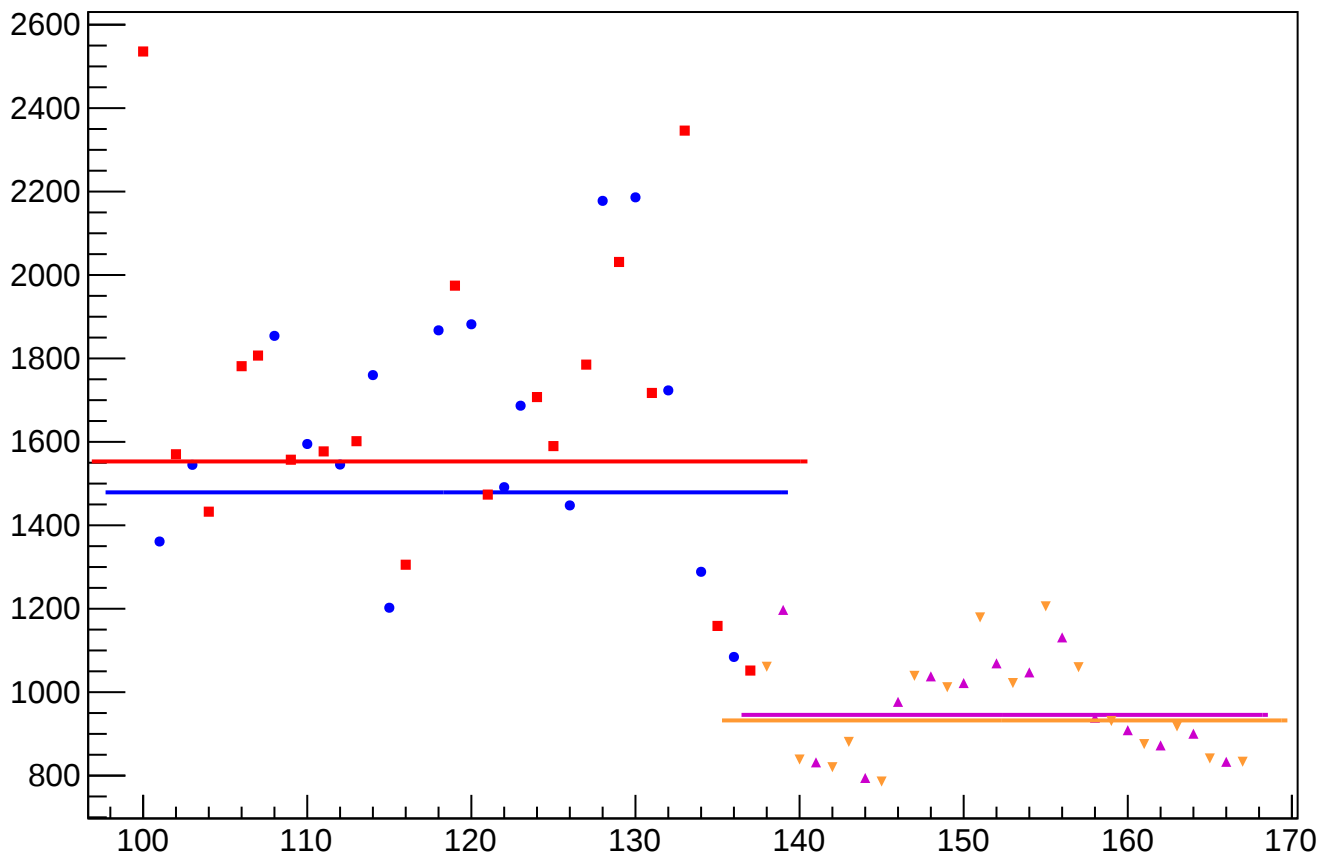
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -361.031 $\pm$ 258.522 χ^2 /NDF:37.3/30

Out: -1092.001 $\pm$ 246.726 χ^2 /NDF:55.8/34

All: -743.574 $\pm$ 178.486 χ^2 /NDF: 97.3/65

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 932.274 $\pm$ 0.192 χ^2 /NDF: 369811.8/15

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 945.595 $\pm$ 0.204 χ^2 /NDF: 303658.7/13

Left: 938.537 $\pm$ 0.140 χ^2 /NDF: 675738.2/29

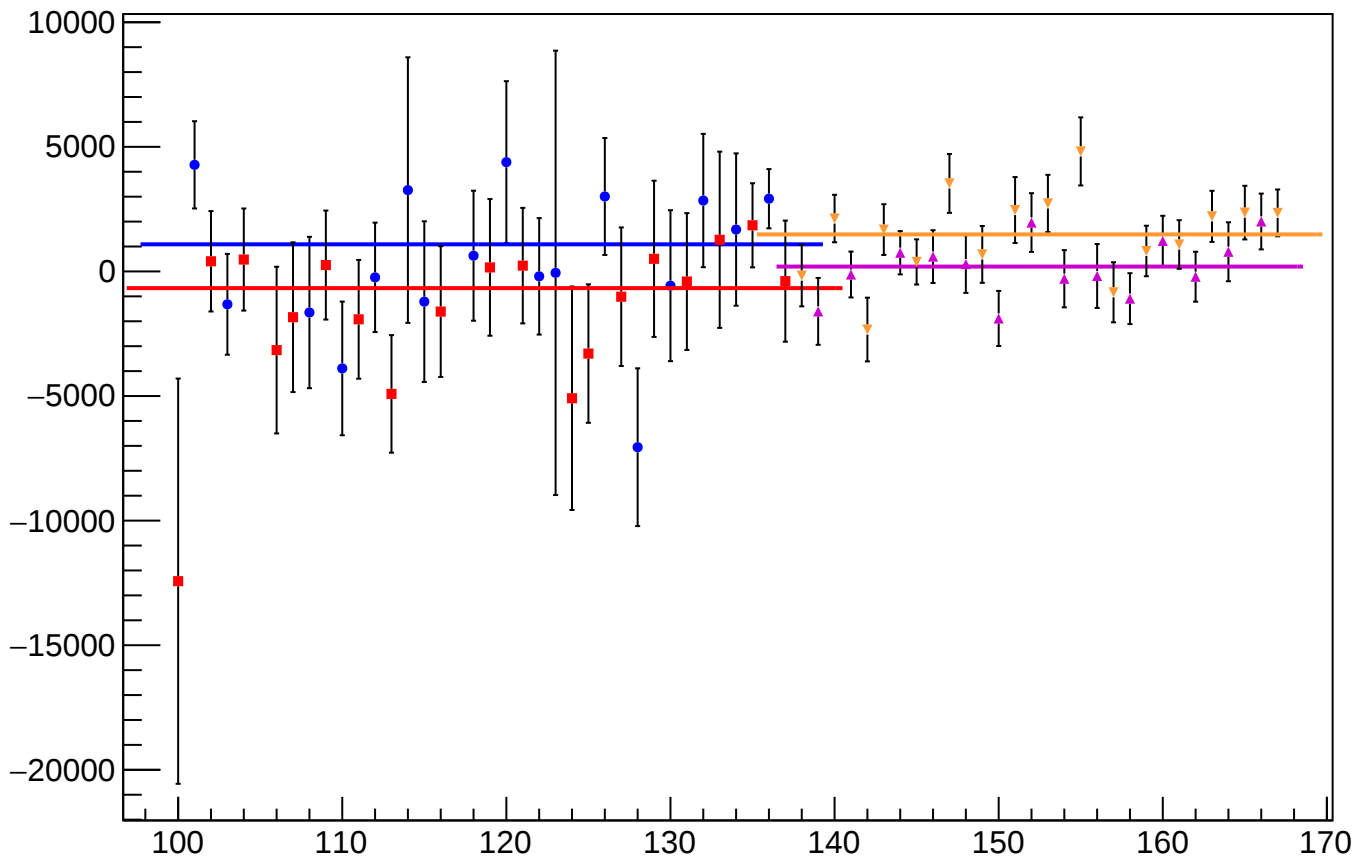
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1049.065 $\pm$ 0.183 χ^2 /NDF: 2224482.6/30

Out: 1039.447 $\pm$ 0.174 χ^2 /NDF: 2662162.2/34

All: 1044.032 $\pm$ 0.126 χ^2 /NDF: 4888093.7/65

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1486.173 $\pm$ 271.517 χ^2 /NDF:30.2/15

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 195.065 $\pm$ 288.059 χ^2 /NDF:14.2/13

Left: 878.753 $\pm$ 197.581 χ^2 /NDF: 55.0/29

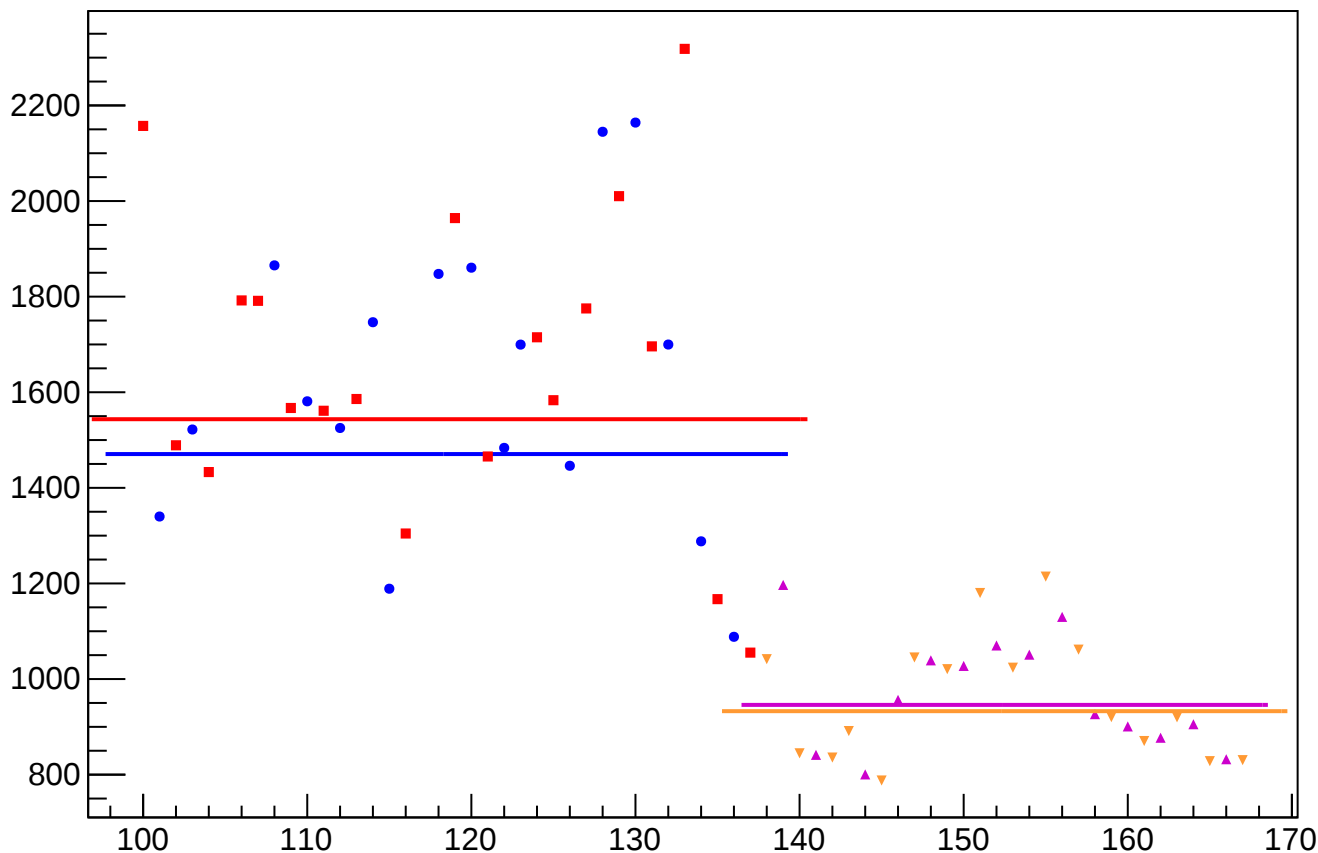
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 370.123 $\pm$ 258.283 χ^2 /NDF:37.9/30

Out: 1109.299 $\pm$ 246.652 χ^2 /NDF:53.2/34

All: 756.730 $\pm$ 178.379 χ^2 /NDF: 95.4/65

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 932.801+/-0.192 χ^2/NDF : 370198.4/15

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 945.927+/-0.204 χ^2/NDF : 293191.6/13

Left: 938.976+/-0.140 χ^2/NDF : 665588.9/29

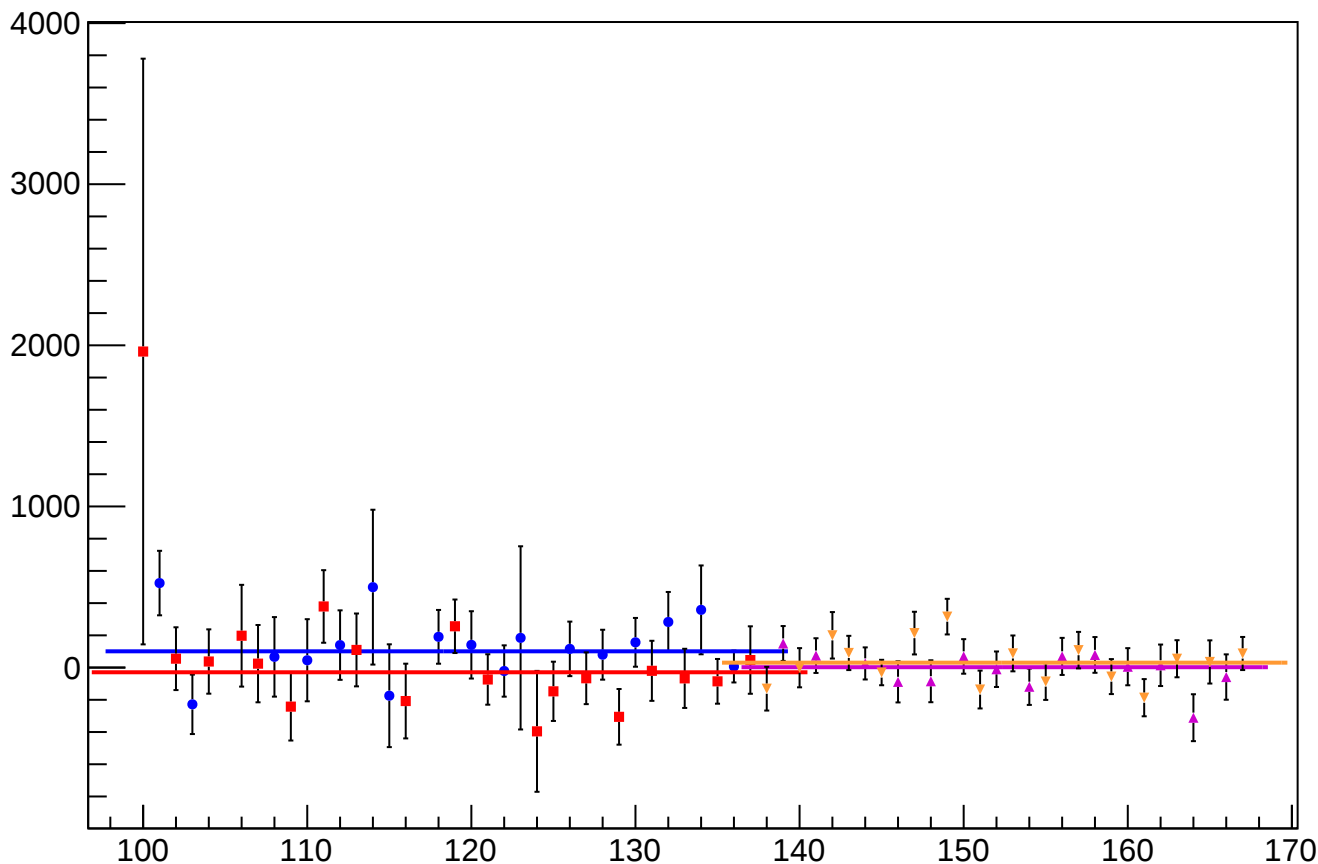
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1048.806+/-0.183 χ^2/NDF : 2162137.2/30

Out: 1039.551+/-0.174 χ^2/NDF : 2593309.4/34

All: 1043.965+/-0.126 χ^2/NDF : 4756789.7/65

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 30.496 ± 28.262 $\chi^2/\text{NDF}: 20.7/15$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 2.334 ± 31.145 $\chi^2/\text{NDF}: 10.5/13$

Left: 17.779 ± 20.929 $\chi^2/\text{NDF}: 31.7/29$

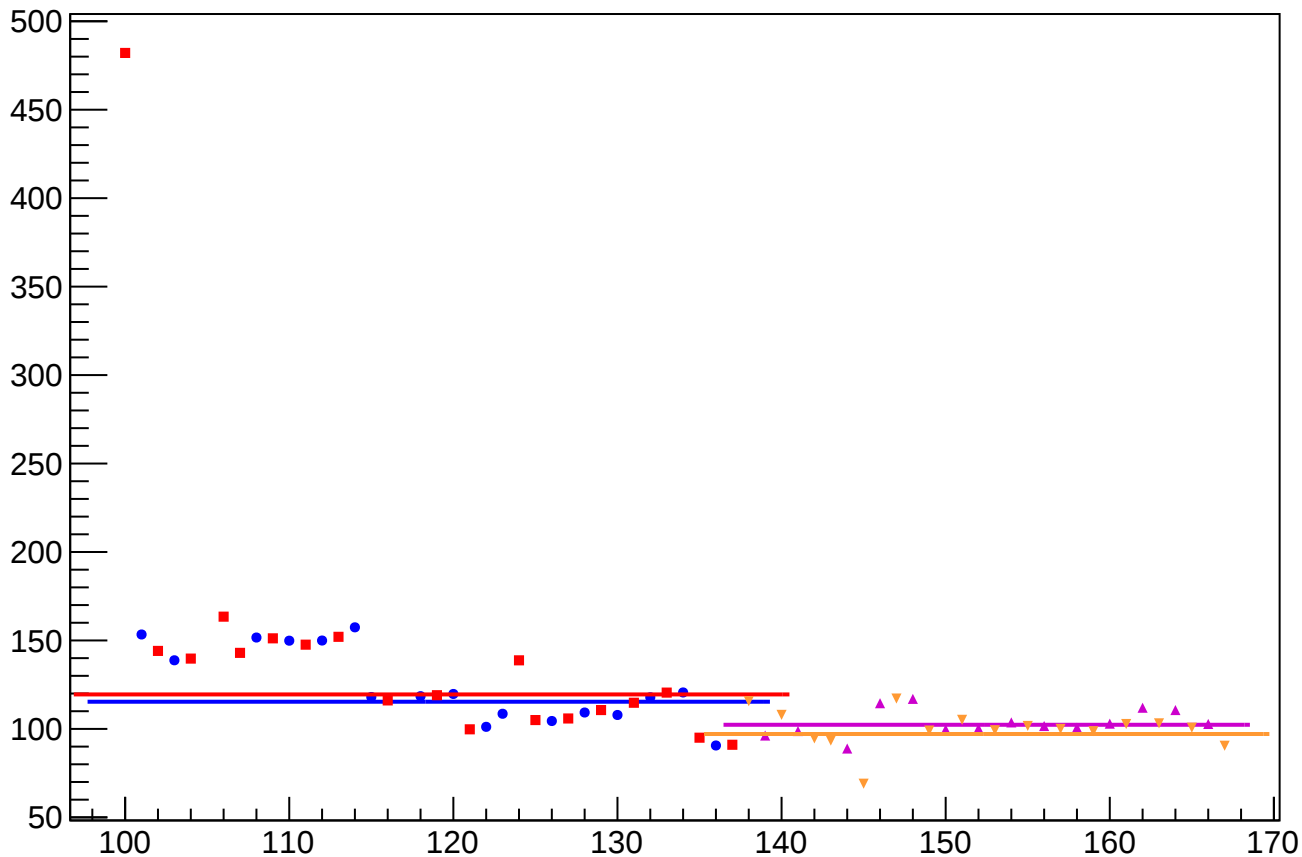
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 33.993 ± 25.662 $\chi^2/\text{NDF}: 26.8/30$

Out: 13.993 ± 24.036 $\chi^2/\text{NDF}: 36.7/34$

All: 23.339 ± 17.543 $\chi^2/\text{NDF}: 63.8/65$

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: 97.123 $\pm$ 0.020 χ^2/NDF : 391193.1/15

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 102.336 $\pm$ 0.022 χ^2/NDF : 108884.0/13

Left: 99.477 $\pm$ 0.015 χ^2/NDF : 530807.0/29

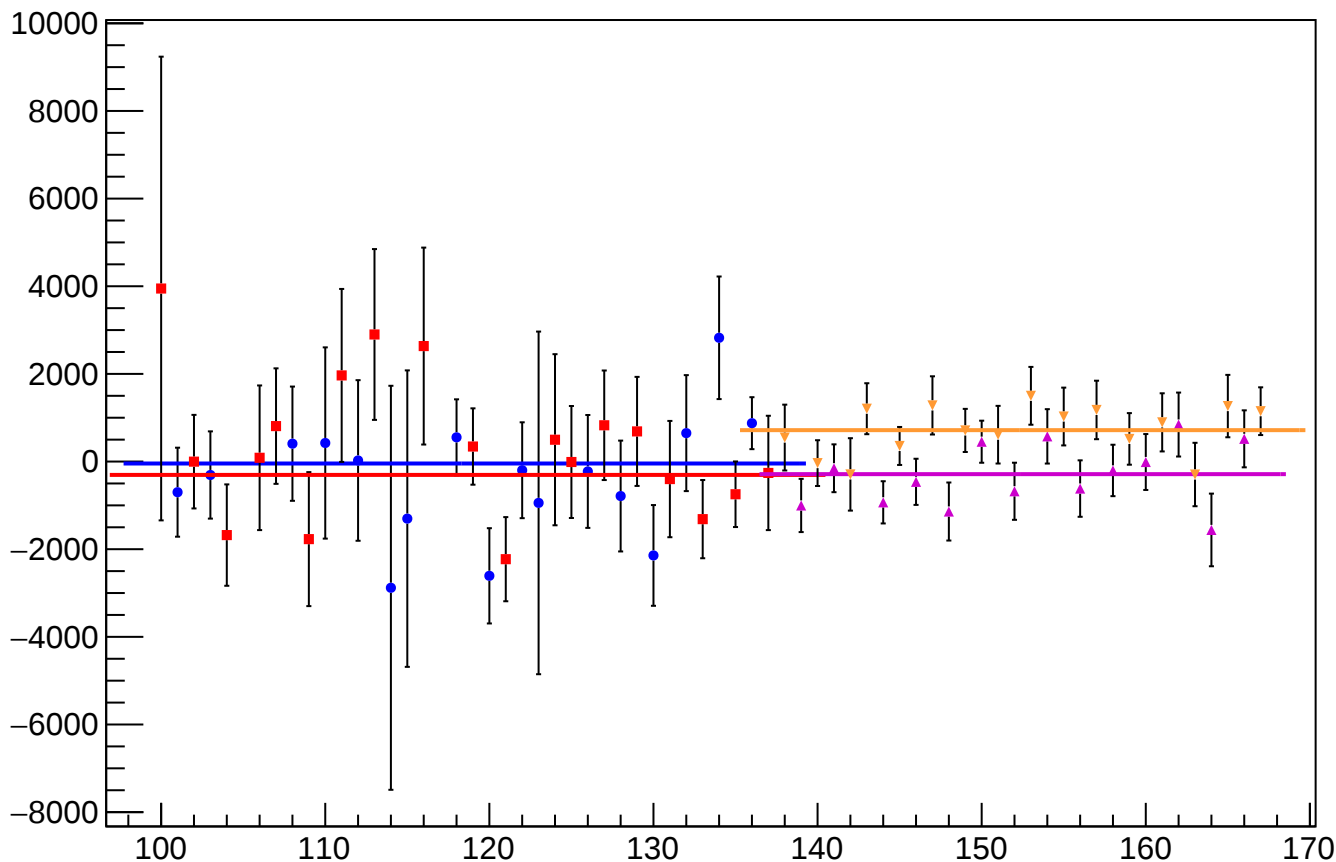
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 106.521 $\pm$ 0.018 χ^2/NDF : 632667.8/30

Out: 103.312 $\pm$ 0.017 χ^2/NDF : 1215824.3/34

All: 104.812 $\pm$ 0.012 χ^2/NDF : 1865145.3/65

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: 716.297 ± 152.230 χ^2/NDF : 11.2/15

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -287.388 ± 160.047 χ^2/NDF : 16.4/13

Left: 239.565 ± 110.303 χ^2/NDF : 48.3/29

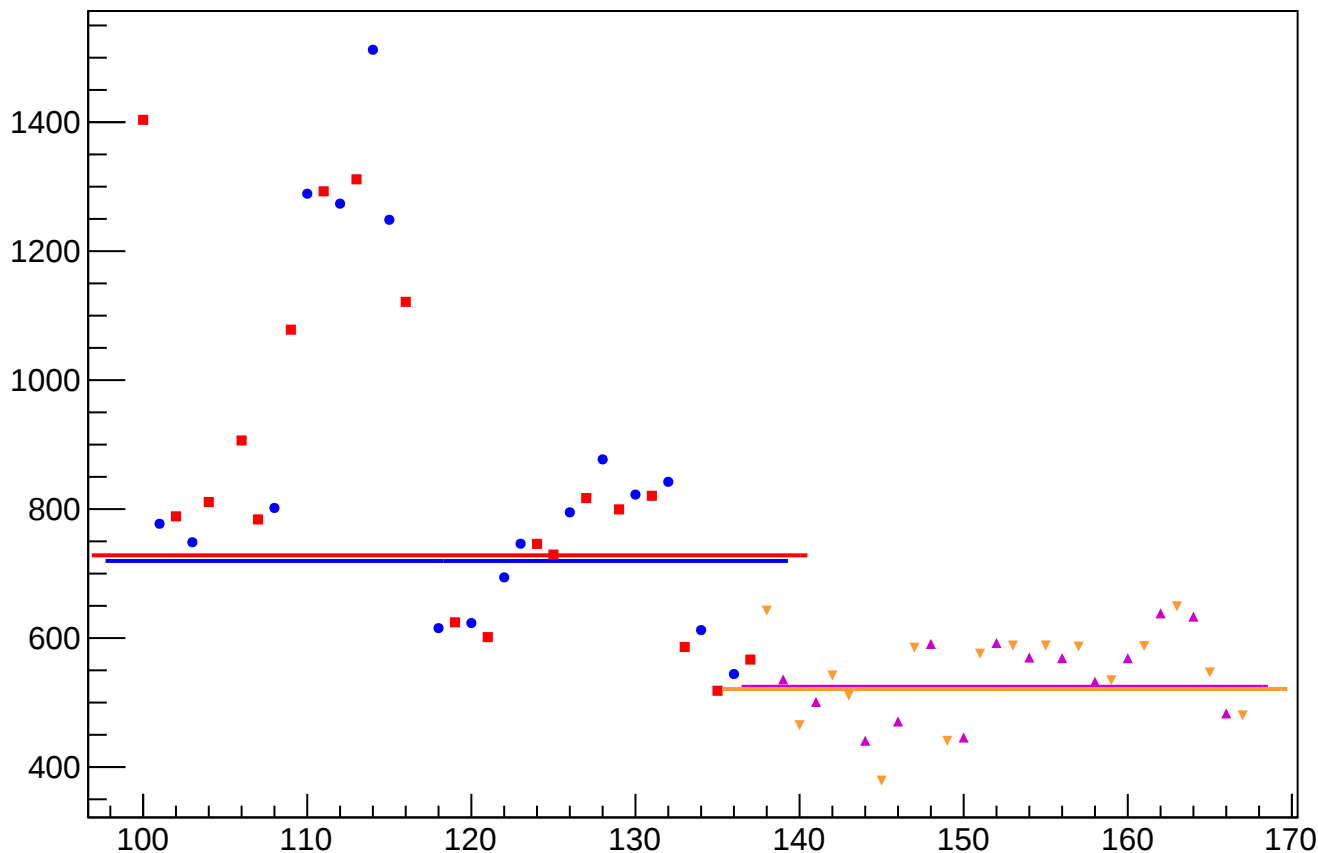
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -229.565 ± 139.699 χ^2/NDF : 34.9/30

Out: 486.779 ± 134.034 χ^2/NDF : 38.8/34

All: 143.427 ± 96.717 χ^2/NDF : 87.3/65

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: 520.997 $\pm$ 0.108 χ^2 /NDF: 537173.5/15

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 524.472 $\pm$ 0.113 χ^2 /NDF: 302636.5/13

Left: 522.648 $\pm$ 0.078 χ^2 /NDF: 840304.9/29

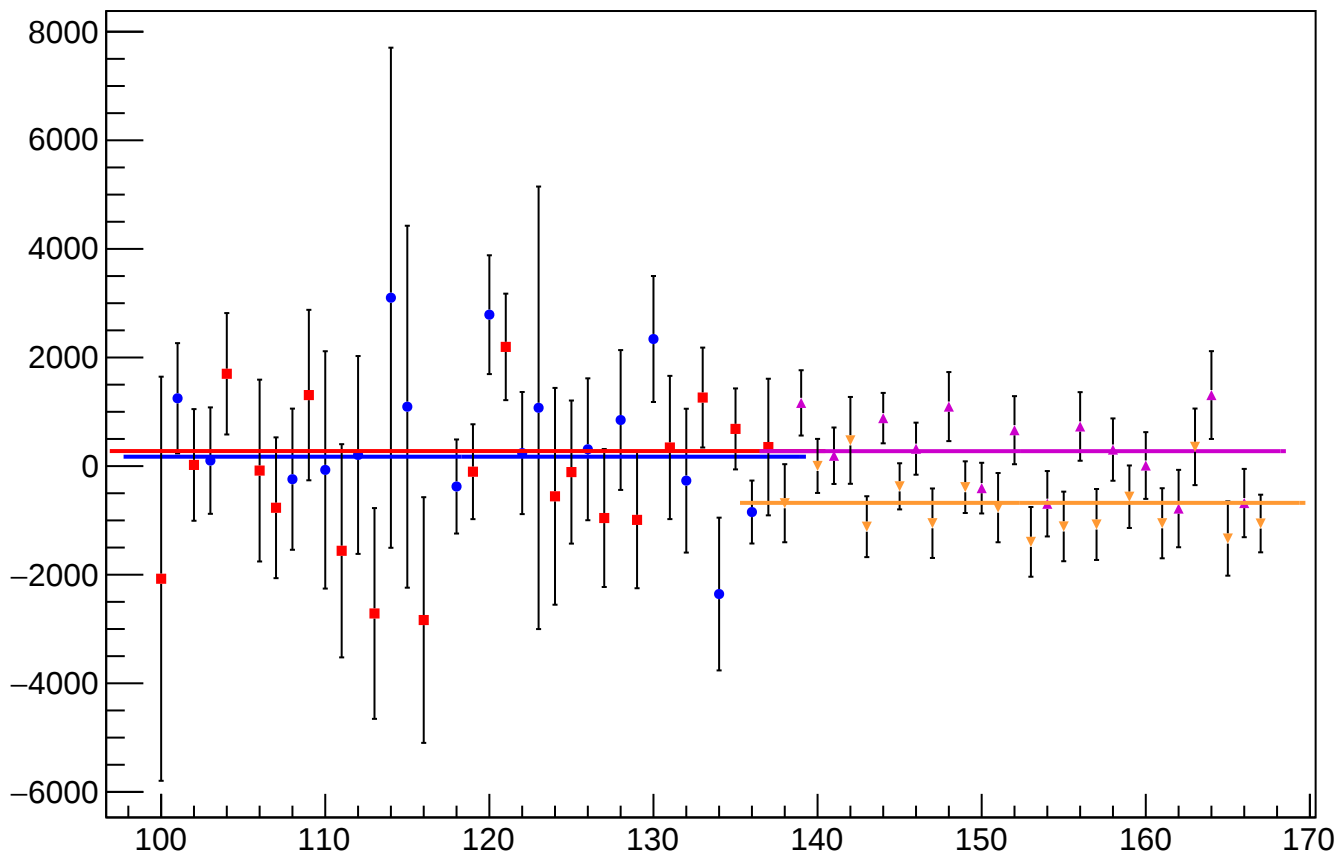
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 570.937 $\pm$ 0.099 χ^2 /NDF: 1757512.6/30

Out: 567.601 $\pm$ 0.095 χ^2 /NDF: 2284751.6/34

All: 569.200 $\pm$ 0.068 χ^2 /NDF: 4042858.0/65

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: -676.940 $\pm$ 147.613 χ^2 /NDF:11.8/15

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 275.189 $\pm$ 154.233 χ^2 /NDF:17.5/13

Left: -221.748 $\pm$ 106.641 χ^2 /NDF: 49.3/29

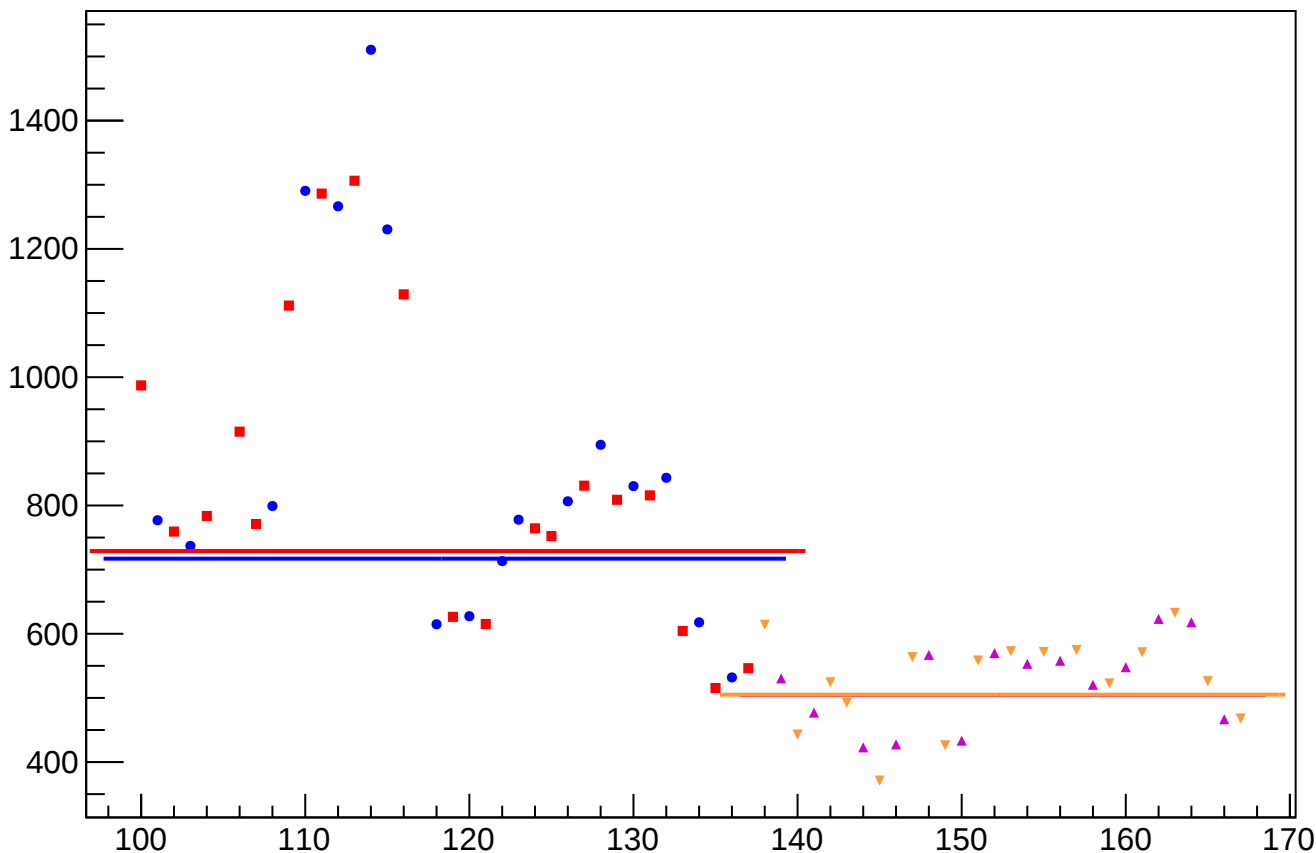
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 252.166 $\pm$ 135.716 χ^2 /NDF:35.7/30

Out: -472.572 $\pm$ 130.851 χ^2 /NDF:36.8/34

All: -123.425 $\pm$ 94.199 χ^2 /NDF: 87.3/65

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: 505.098 $\pm$ 0.104 χ^2 /NDF: 530426.0/15

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 504.405 $\pm$ 0.109 χ^2 /NDF: 350871.2/13

Left: 504.767 $\pm$ 0.075 χ^2 /NDF: 881318.2/29

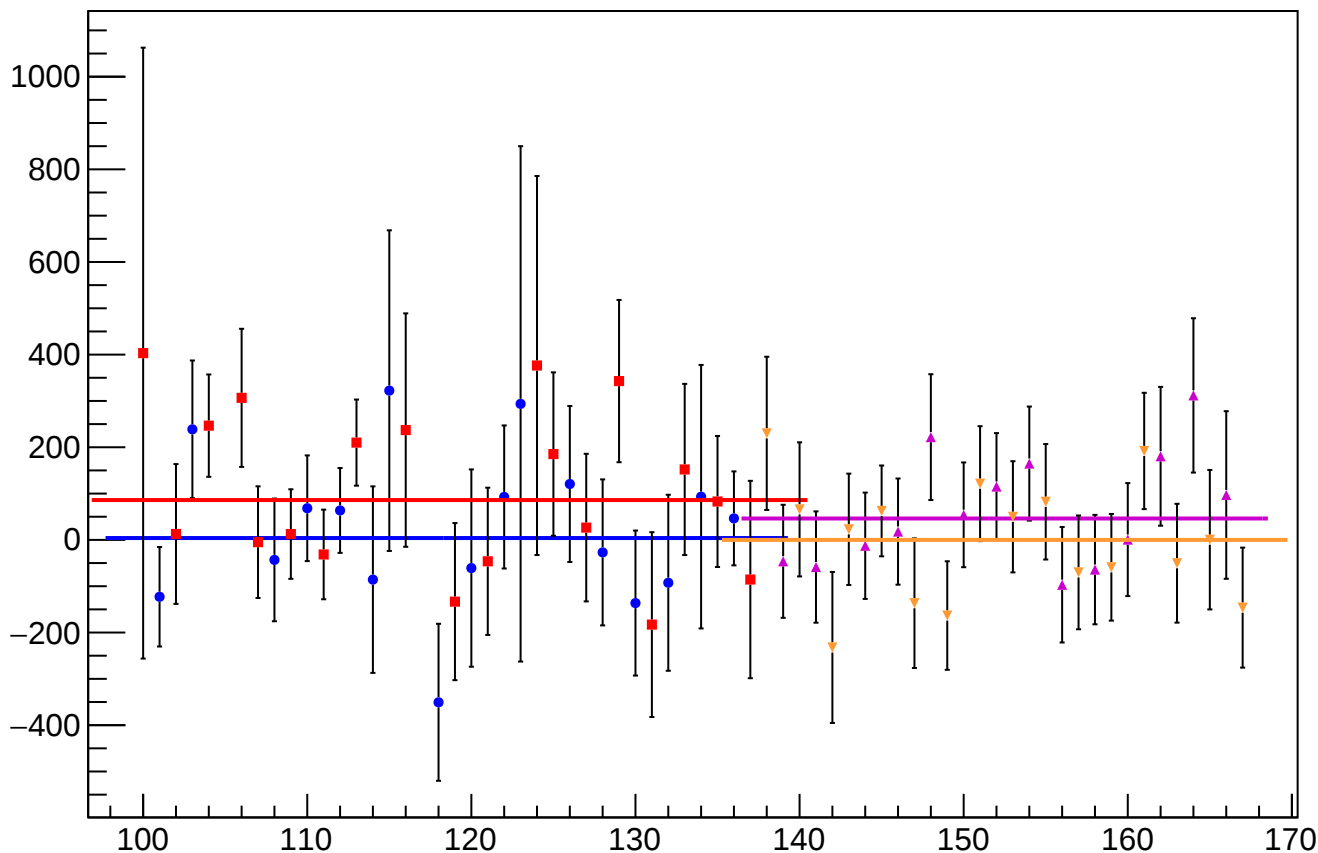
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 552.406 $\pm$ 0.096 χ^2 /NDF: 1991639.9/30

Out: 553.056 $\pm$ 0.093 χ^2 /NDF: 2406712.3/34

All: 552.743 $\pm$ 0.067 χ^2 /NDF: 4398376.0/65

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: -0.016 ± 31.820 $\chi^2/\text{NDF}: 13.4/15$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 46.190 ± 33.781 $\chi^2/\text{NDF}: 10.4/13$

Left: 21.707 ± 23.163 $\chi^2/\text{NDF}: 24.8/29$

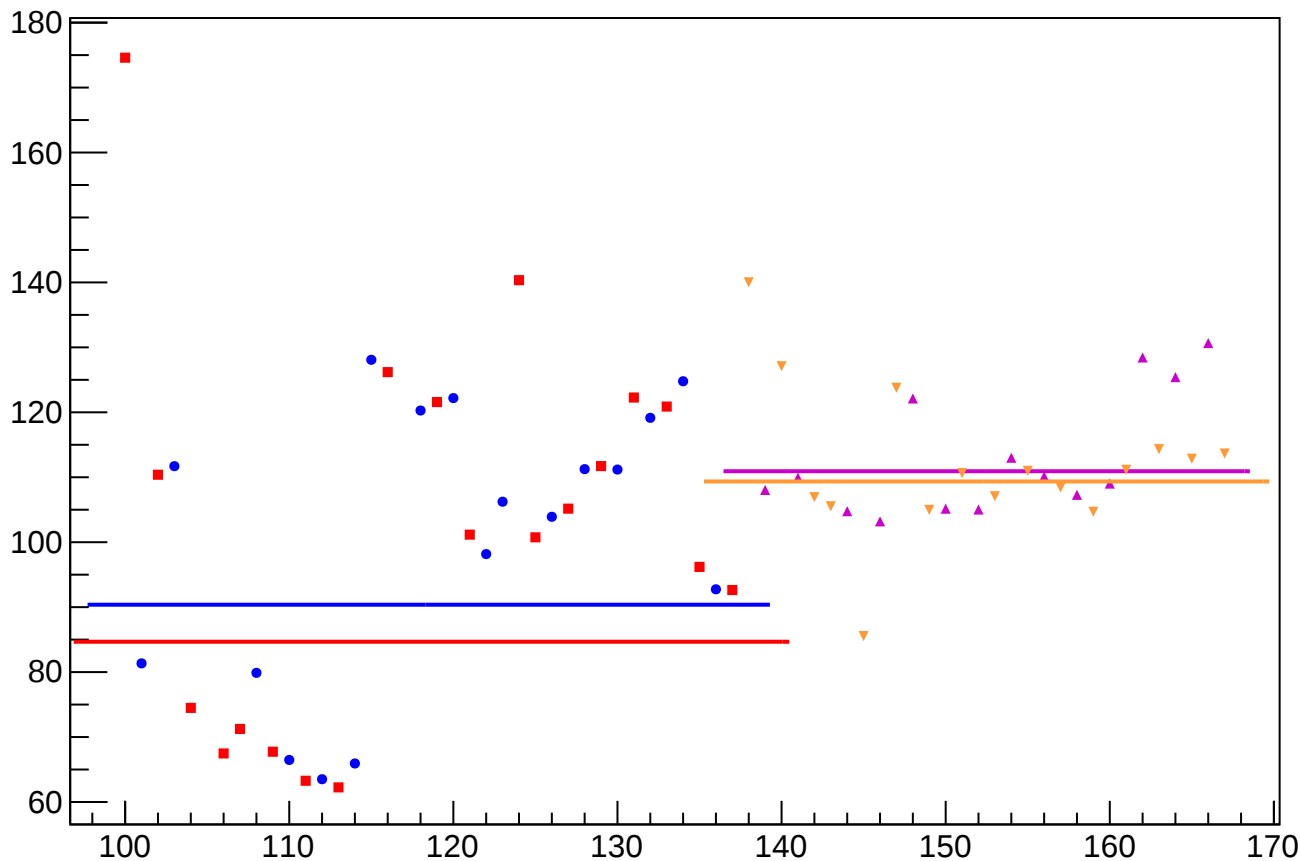
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 26.411 ± 24.618 $\chi^2/\text{NDF}: 23.8/30$

Out: 40.958 ± 23.029 $\chi^2/\text{NDF}: 34.5/34$

All: 34.169 ± 16.818 $\chi^2/\text{NDF}: 58.5/65$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 109.352 $\pm$ 0.023 χ^2 /NDF: 254584.7/15

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 110.929 $\pm$ 0.024 χ^2 /NDF: 109392.4/13

Left: 110.093 $\pm$ 0.016 χ^2 /NDF: 366286.0/29

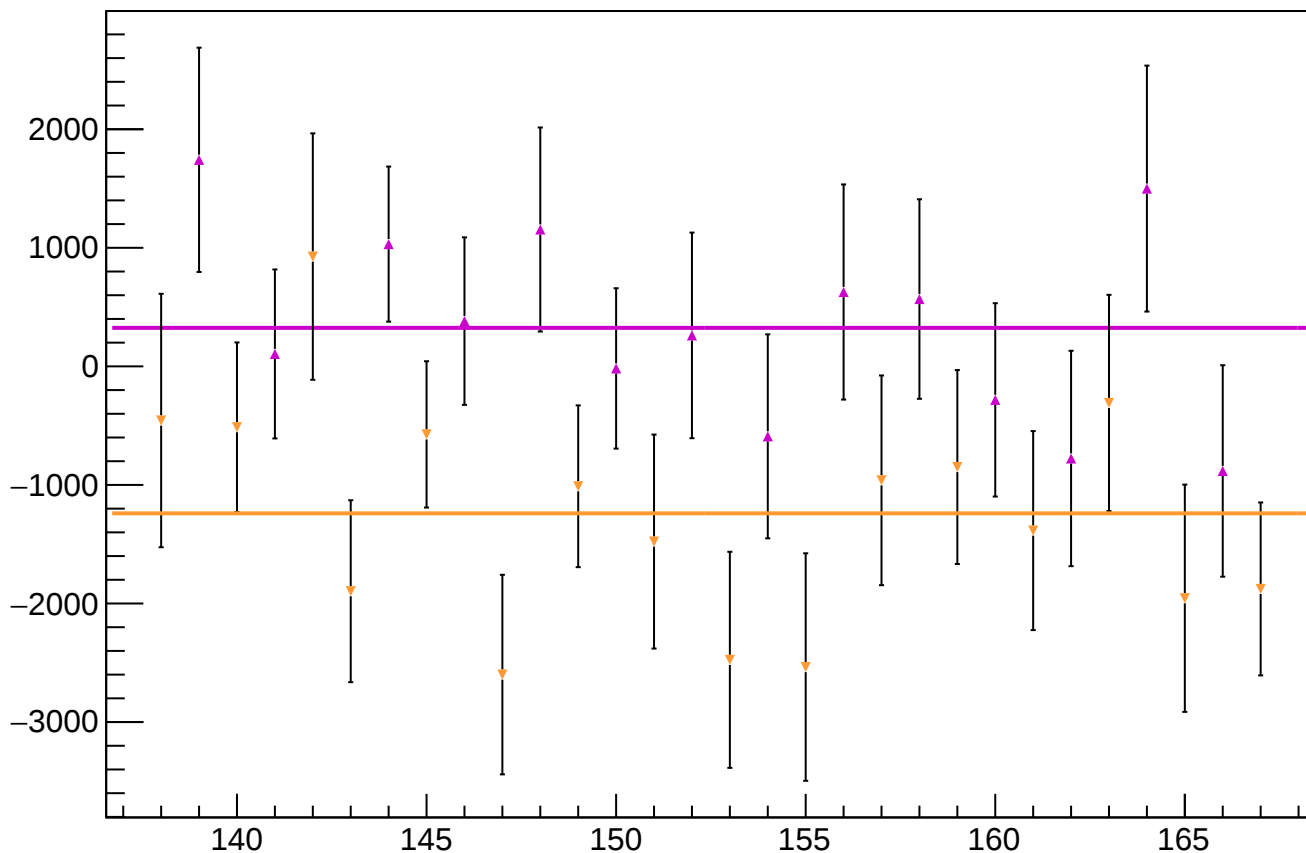
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.291 $\pm$ 0.017 χ^2 /NDF: 1110719.8/30

Out: 97.599 $\pm$ 0.016 χ^2 /NDF: 1735647.0/34

All: 99.322 $\pm$ 0.012 χ^2 /NDF: 2870356.3/65

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1239.610+/-206.168 χ^2/NDF :17.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 324.909+/-217.311 χ^2/NDF :11.2/13

Left: -498.490+/-149.567 χ^2/NDF : 55.4/29

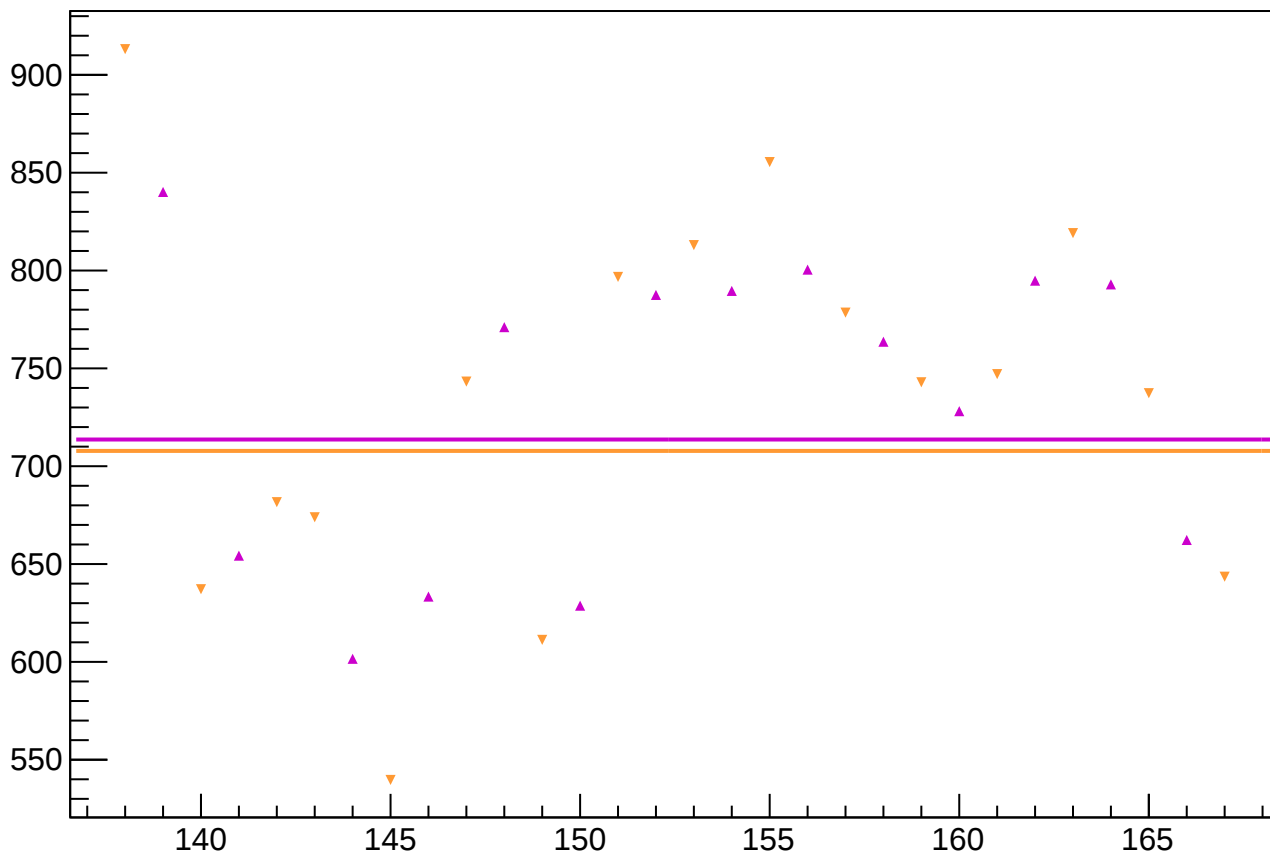
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 324.909+/-217.311 χ^2/NDF :11.2/13

Out: -1239.610+/-206.168 χ^2/NDF :17.0/15

All: -498.490+/-149.567 χ^2/NDF : 55.4/29

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 707.820+/-0.146 χ^2/NDF :452159.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.643+/-0.154 χ^2/NDF :265032.2/13

Left: 710.578+/-0.106 χ^2/NDF : 717947.4/29

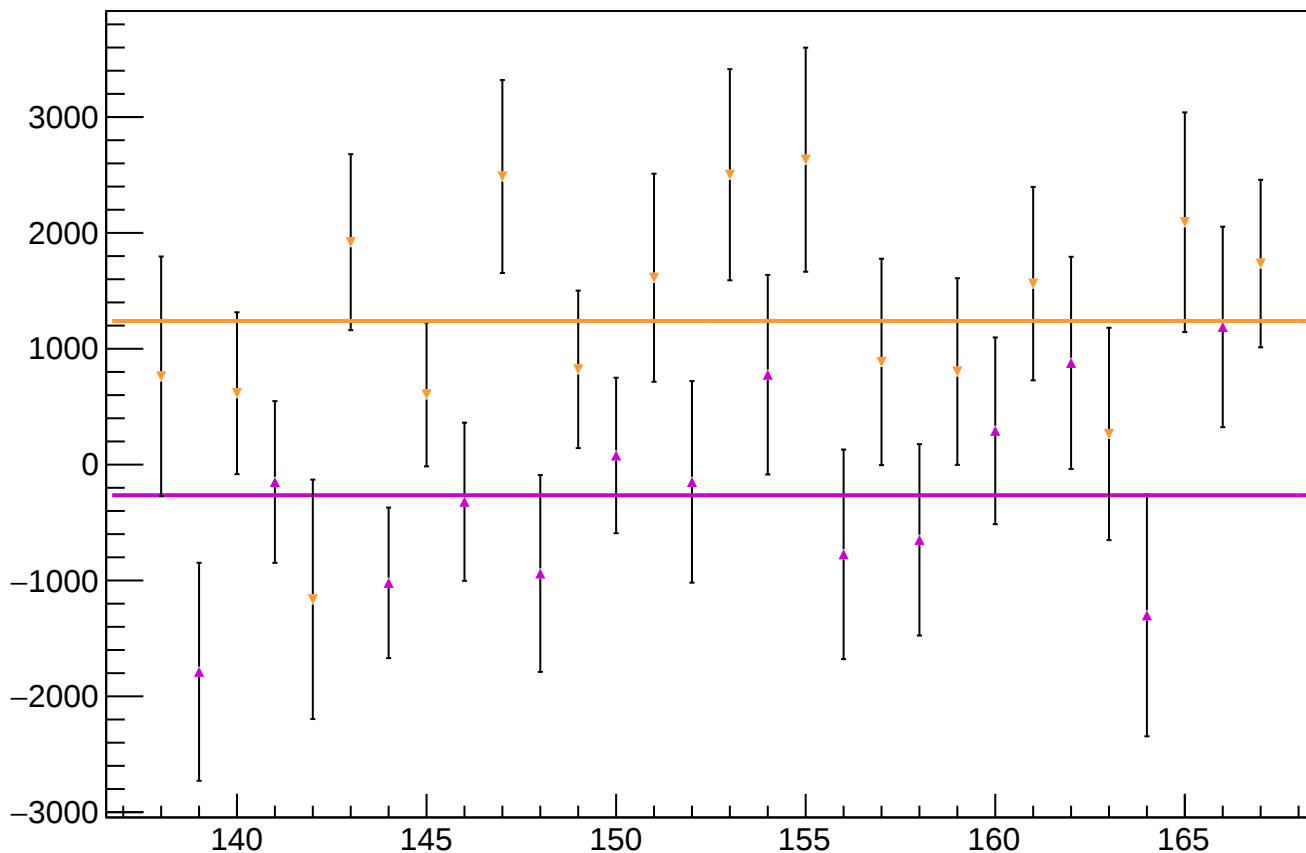
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.643+/-0.154 χ^2/NDF :265032.2/13

Out: 707.820+/-0.146 χ^2/NDF :452159.3/15

All: 710.578+/-0.106 χ^2/NDF : 717947.4/29

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1240.303+/-204.894 χ^2/NDF :18.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -264.090+/-214.916 χ^2/NDF :12.8/13

Left: 524.000+/-148.299 χ^2/NDF : 56.5/29

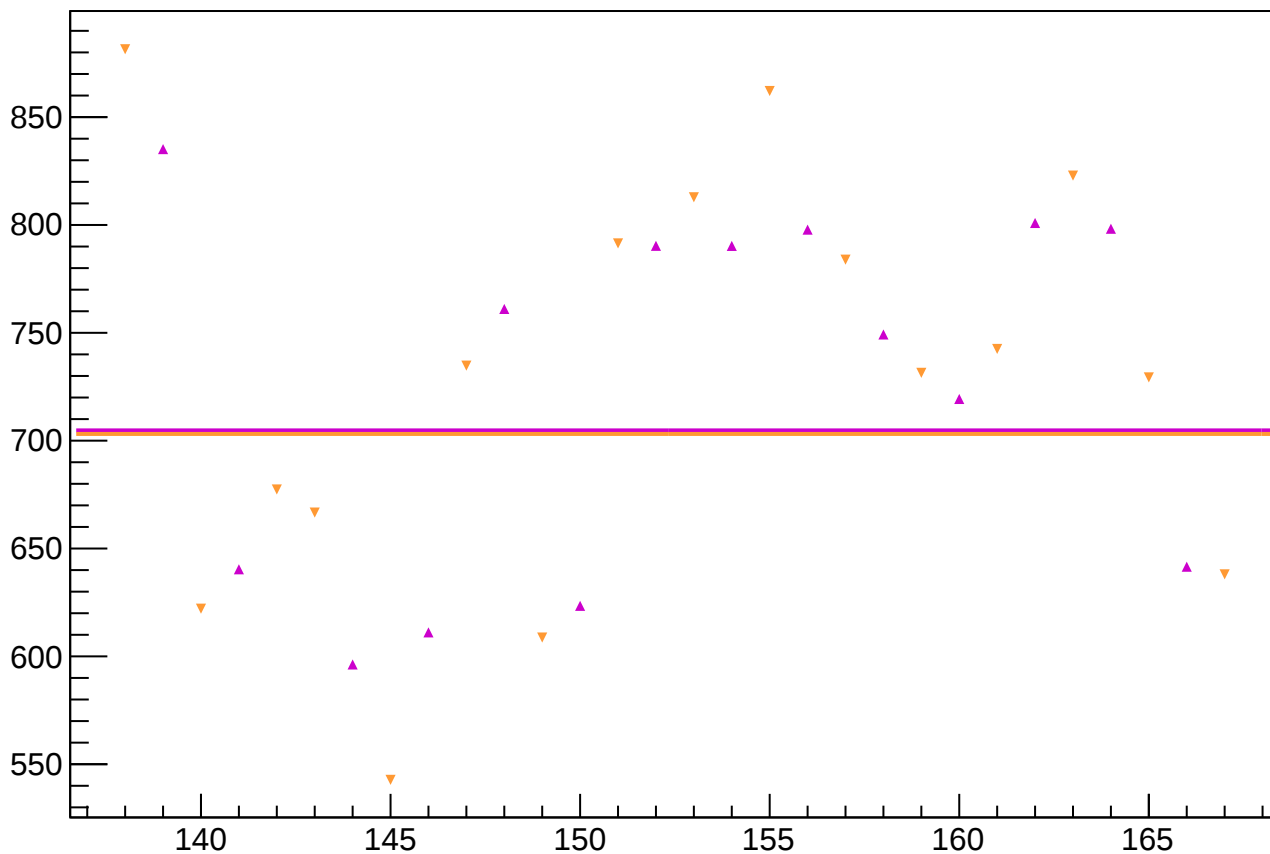
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.090+/-214.916 χ^2/NDF :12.8/13

Out: 1240.303+/-204.894 χ^2/NDF :18.1/15

All: 524.000+/-148.299 χ^2/NDF : 56.5/29

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 703.120+/-0.145 χ^2/NDF :444674.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Left: 703.904+/-0.105 χ^2/NDF : 747305.1/29

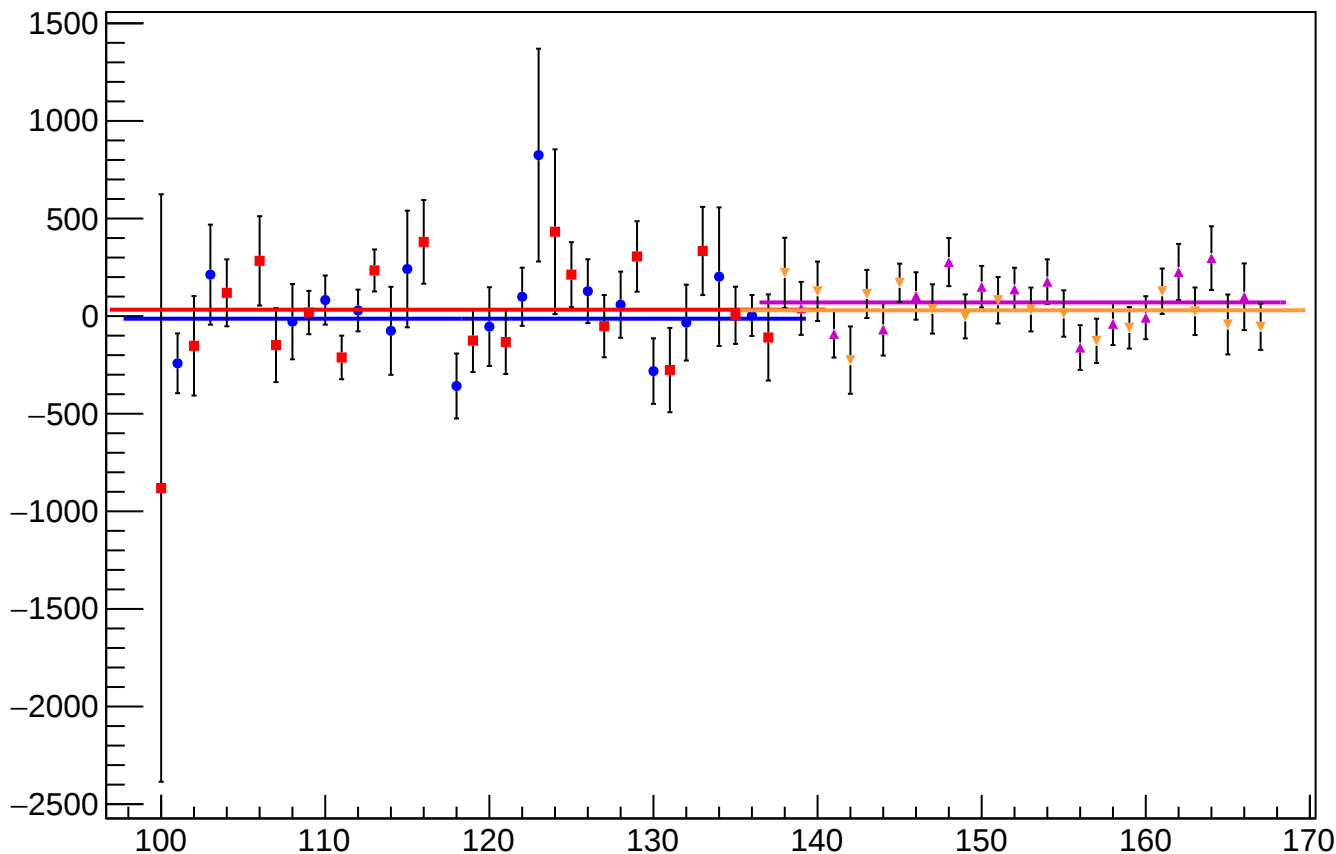
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Out: 703.120+/-0.145 χ^2/NDF :444674.2/15

All: 703.904+/-0.105 χ^2/NDF : 747305.1/29

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 29.991 $\pm$ 30.715 χ^2 /NDF:10.6/15

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 70.215 $\pm$ 32.956 χ^2 /NDF:16.3/13

Left: 48.689 $\pm$ 22.469 χ^2 /NDF: 27.7/29

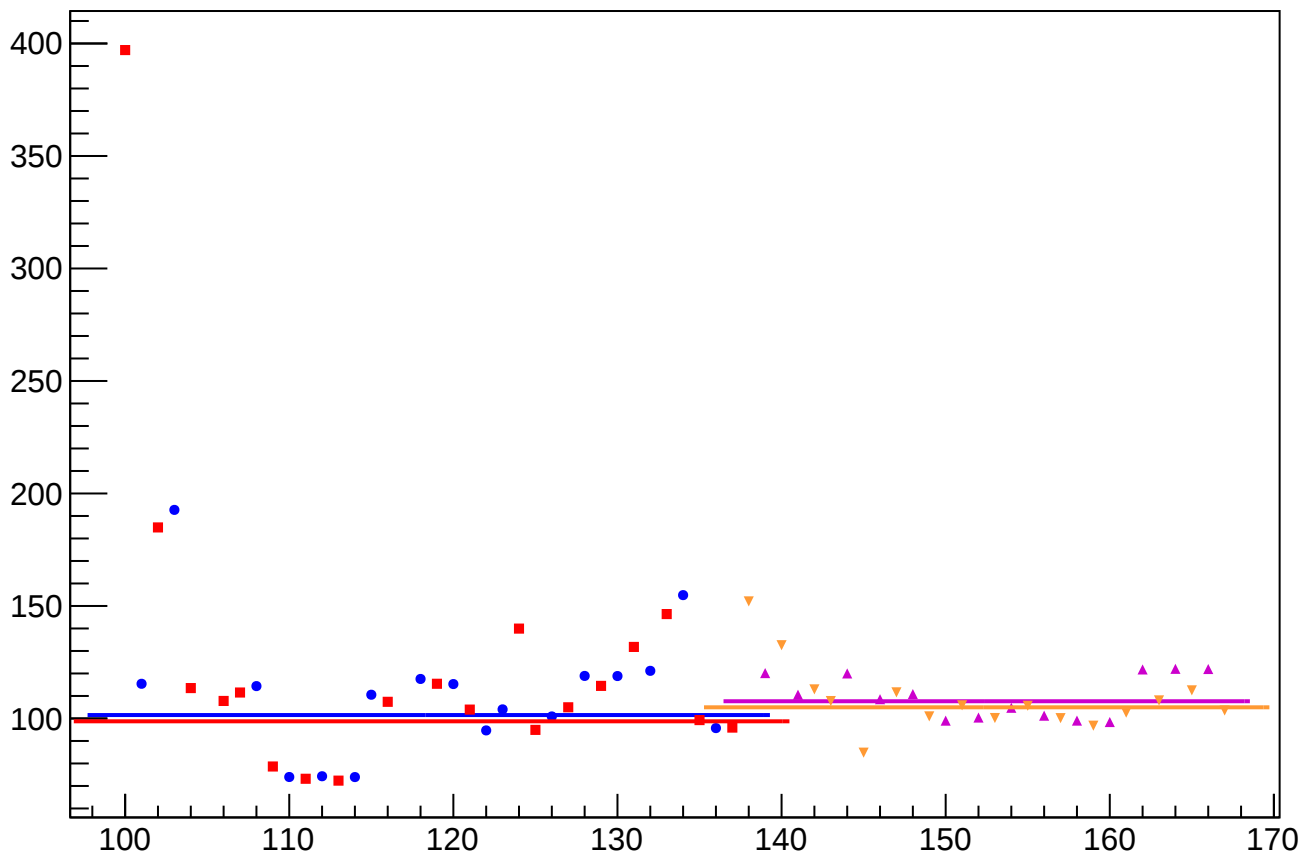
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 37.032 $\pm$ 25.576 χ^2 /NDF:34.5/30

Out: 31.158 $\pm$ 24.101 χ^2 /NDF:35.7/34

All: 33.920 $\pm$ 17.540 χ^2 /NDF: 70.2/65

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF} = 681713.7/16$

Left Out: 104.958 ± 0.022 $\chi^2/\text{NDF} = 326457.5/15$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF} = 825631.4/18$

Left In: 107.655 ± 0.023 $\chi^2/\text{NDF} = 141301.3/13$

Left: 106.212 ± 0.016 $\chi^2/\text{NDF} = 474926.1/29$

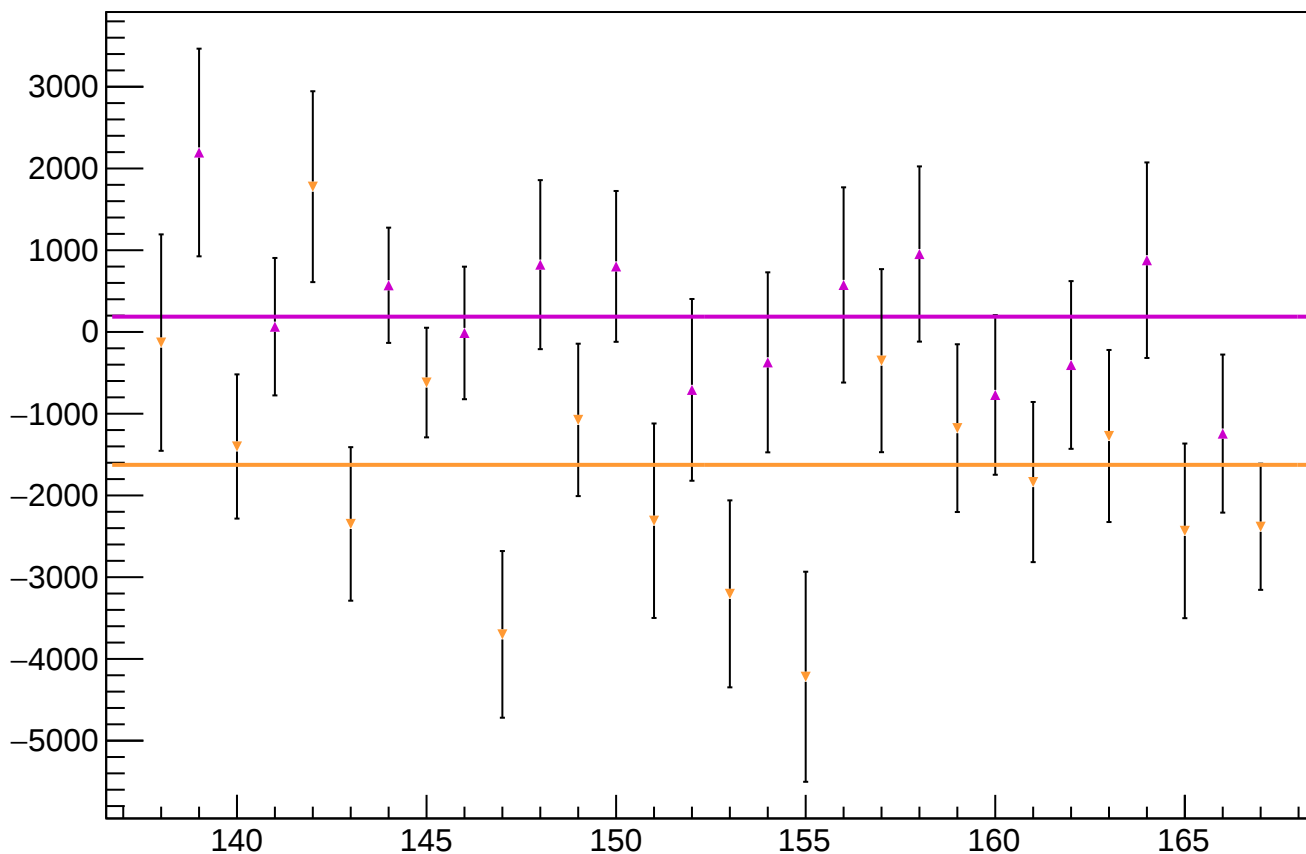
Right: 100.069 ± 0.020 $\chi^2/\text{NDF} = 1512254.1/35$

In: 105.215 ± 0.018 $\chi^2/\text{NDF} = 850591.9/30$

Out: 102.567 ± 0.017 $\chi^2/\text{NDF} = 1183634.6/34$

All: 103.812 ± 0.012 $\chi^2/\text{NDF} = 2045578.0/65$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1625.686 $\pm$ 247.071 χ^2 /NDF:26.7/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 187.176 $\pm$ 261.264 χ^2 /NDF:9.0/13

Left: -769.834 $\pm$ 179.513 χ^2 /NDF: 61.1/29

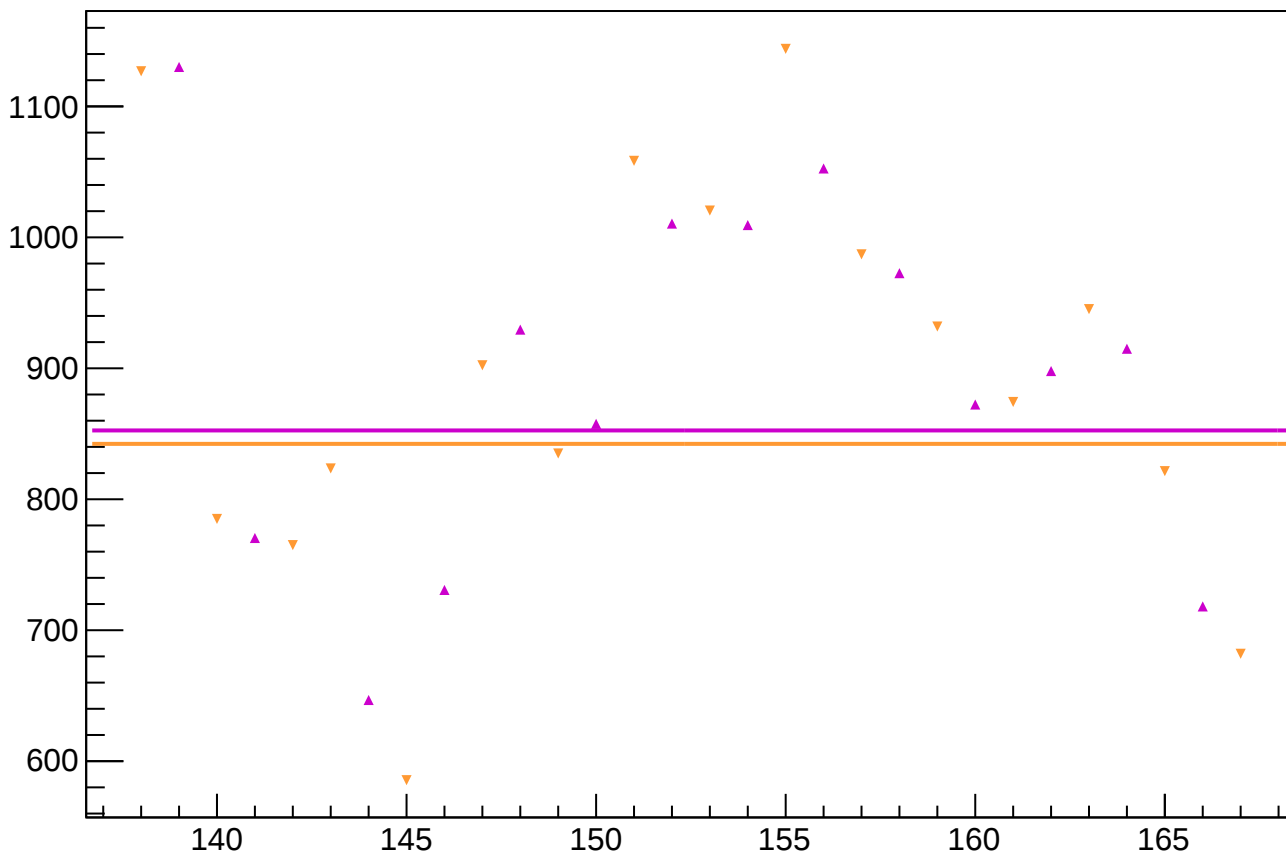
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 187.176 $\pm$ 261.264 χ^2 /NDF:9.0/13

Out: -1625.686 $\pm$ 247.071 χ^2 /NDF:26.7/15

All: -769.834 $\pm$ 179.513 χ^2 /NDF: 61.1/29

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 842.301+/-0.175 χ^2/NDF : 792435.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Left: 847.145+/-0.127 χ^2/NDF : 1346413.8/29

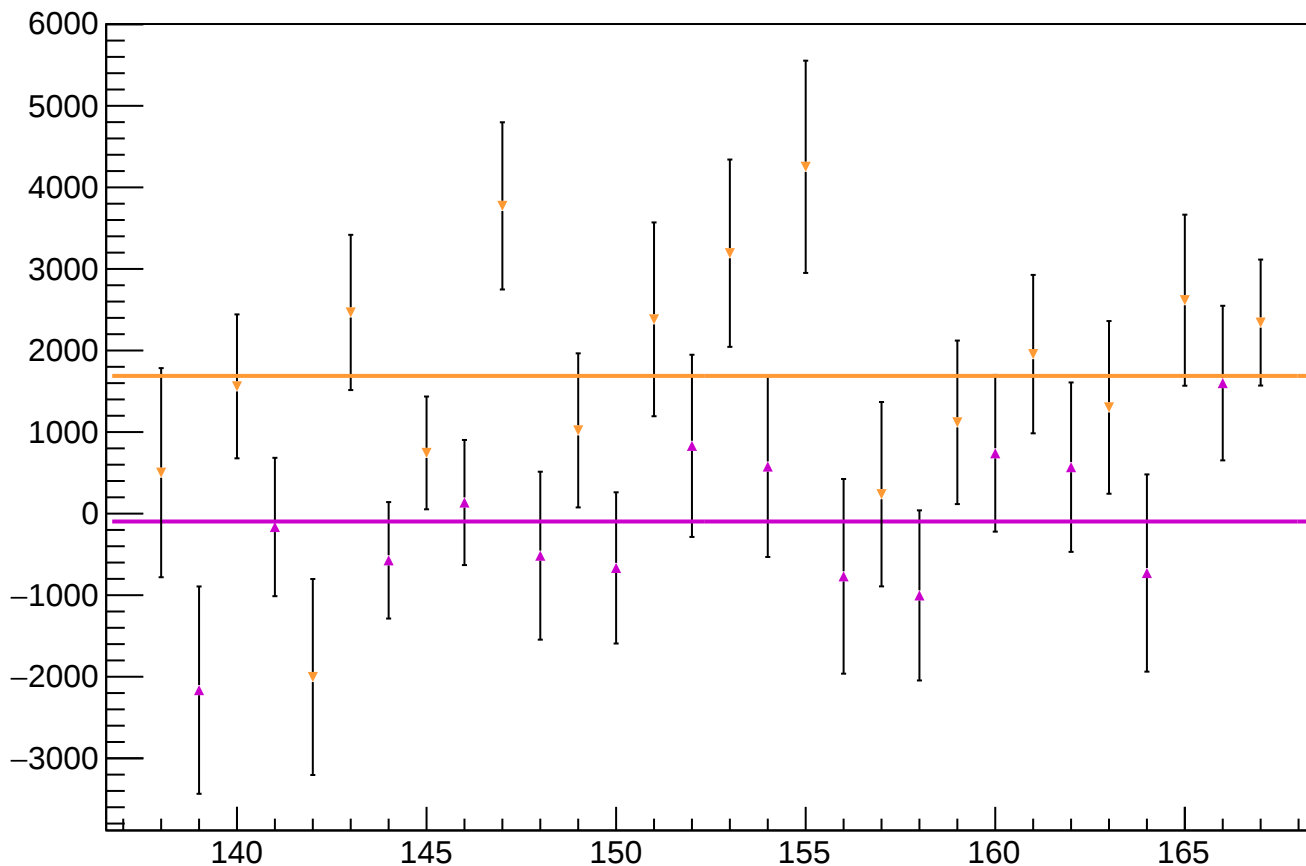
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Out: 842.301+/-0.175 χ^2/NDF : 792435.3/15

All: 847.145+/-0.127 χ^2/NDF : 1346413.8/29

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1688.633+/-248.248 χ^2/NDF :27.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -96.653+/-259.754 χ^2/NDF :10.5/13

Left: 836.406+/-179.468 χ^2/NDF : 62.3/29

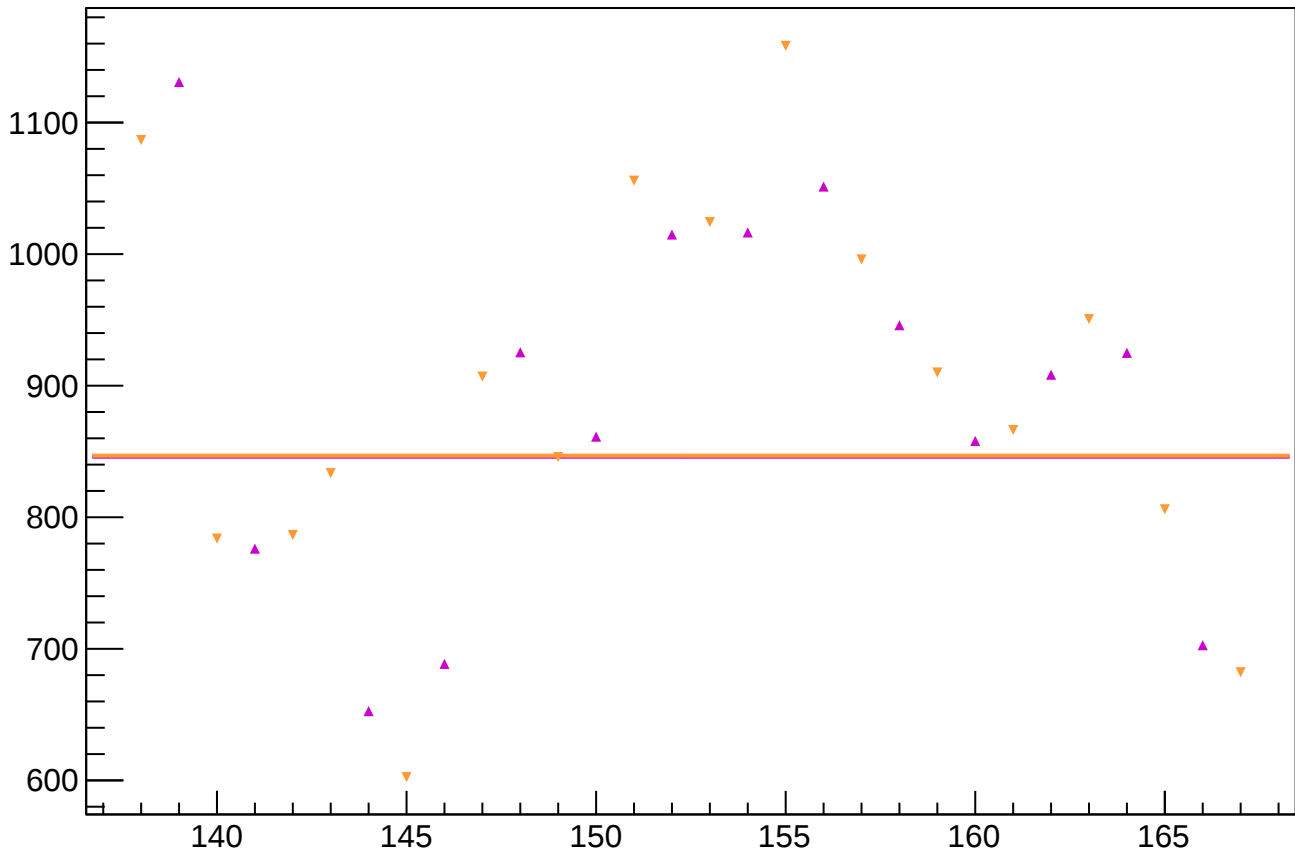
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -96.653+/-259.754 χ^2/NDF :10.5/13

Out: 1688.633+/-248.248 χ^2/NDF :27.1/15

All: 836.406+/-179.468 χ^2/NDF : 62.3/29

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 846.820+/-0.176 χ^2/NDF : 723232.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

Left: 846.441+/-0.127 χ^2/NDF : 1312849.3/29

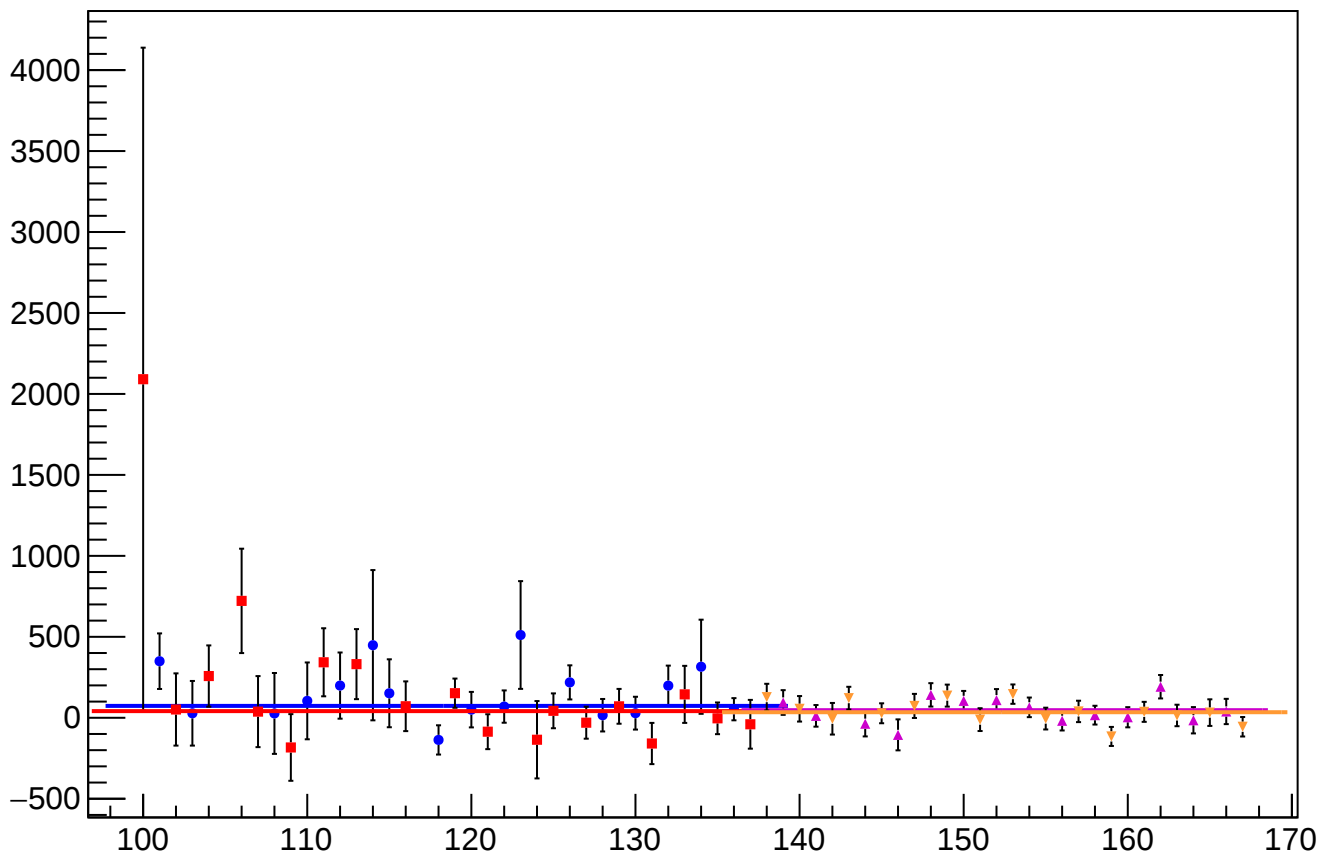
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

Out: 846.820+/-0.176 χ^2/NDF : 723232.5/15

All: 846.441+/-0.127 χ^2/NDF : 1312849.3/29

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: 34.385 $\pm$ 17.121 χ^2 /NDF:18.7/15

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 46.937 $\pm$ 18.398 χ^2 /NDF:14.4/13

Left: 40.210 $\pm$ 12.533 χ^2 /NDF: 33.3/29

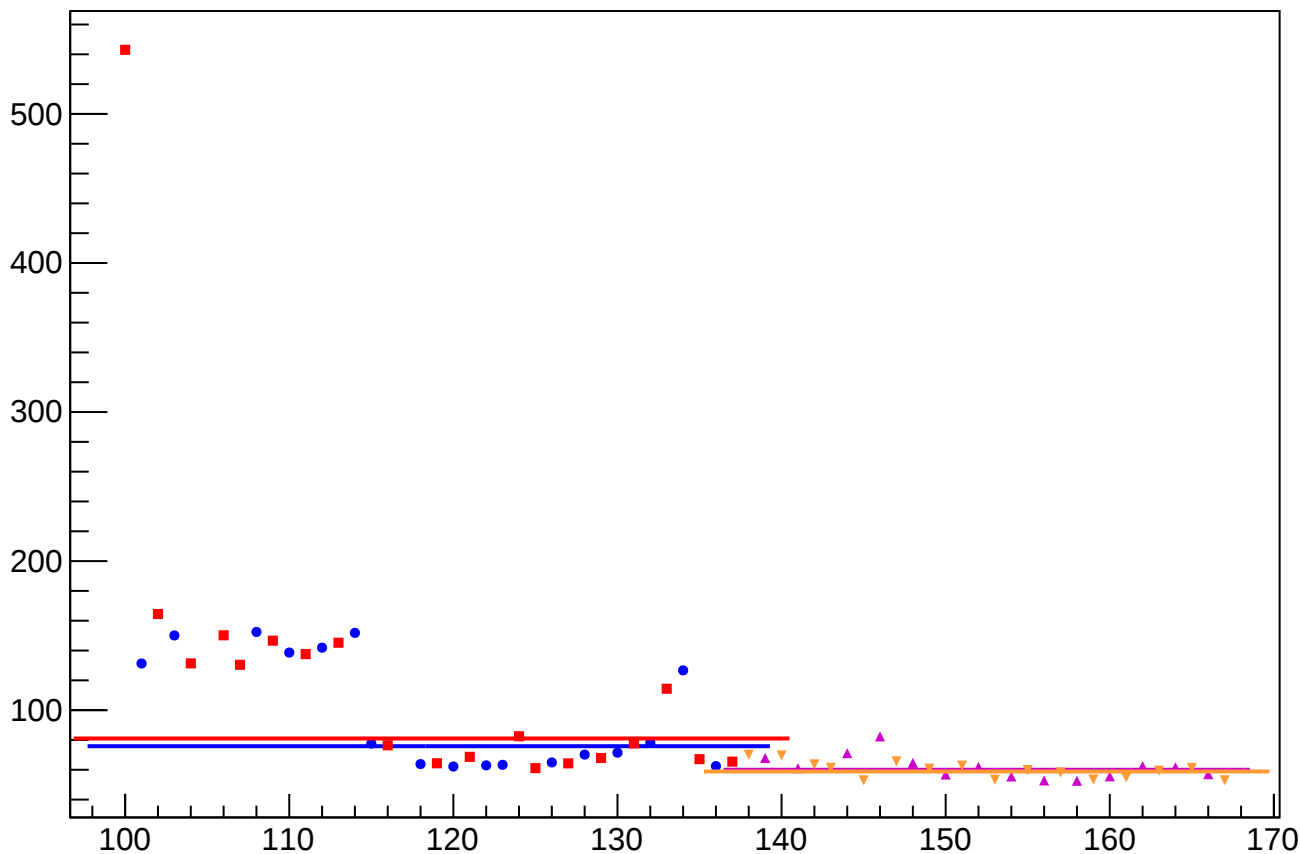
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 53.823 $\pm$ 15.830 χ^2 /NDF:30.2/30

Out: 35.831 $\pm$ 15.172 χ^2 /NDF:37.9/34

All: 44.445 $\pm$ 10.953 χ^2 /NDF: 68.8/65

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.846+/-0.012 χ^2 /NDF:188137.8/15

Right Out: 80.999+/-0.023 χ^2 /NDF: 1627899.8/18

Left In: 60.010+/-0.013 χ^2 /NDF:274991.2/13

Left: 59.386+/-0.009 χ^2 /NDF: 467421.1/29

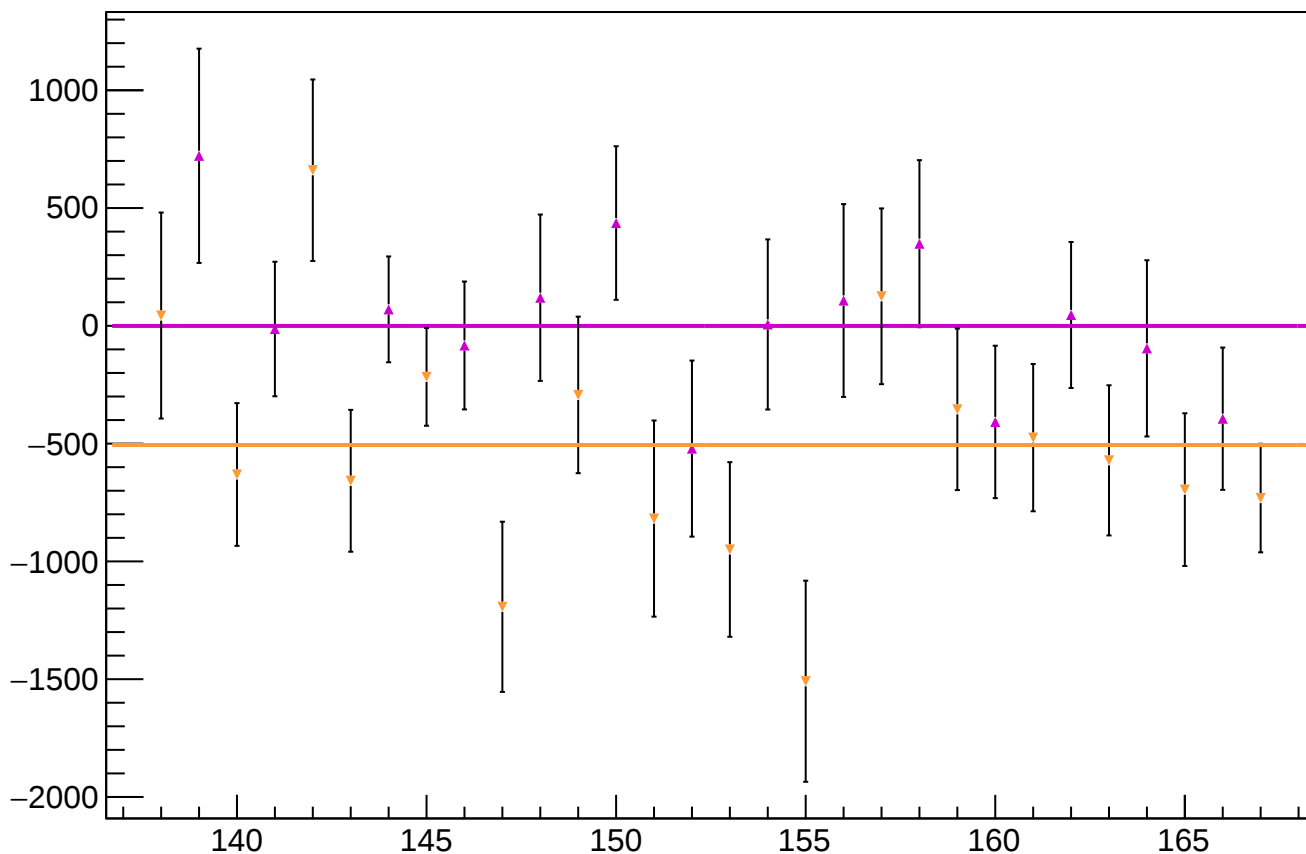
Right: 78.273+/-0.016 χ^2 /NDF: 3004207.0/35

In: 64.116+/-0.011 χ^2 /NDF:2008537.6/30

Out: 63.603+/-0.011 χ^2 /NDF:2535112.1/34

All: 63.849+/-0.008 χ^2 /NDF: 4544746.5/65

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -505.849+/-79.942 χ^2/NDF :29.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.391+/-86.142 χ^2/NDF :11.0/13

Left: -271.964+/-58.597 χ^2/NDF : 58.5/29

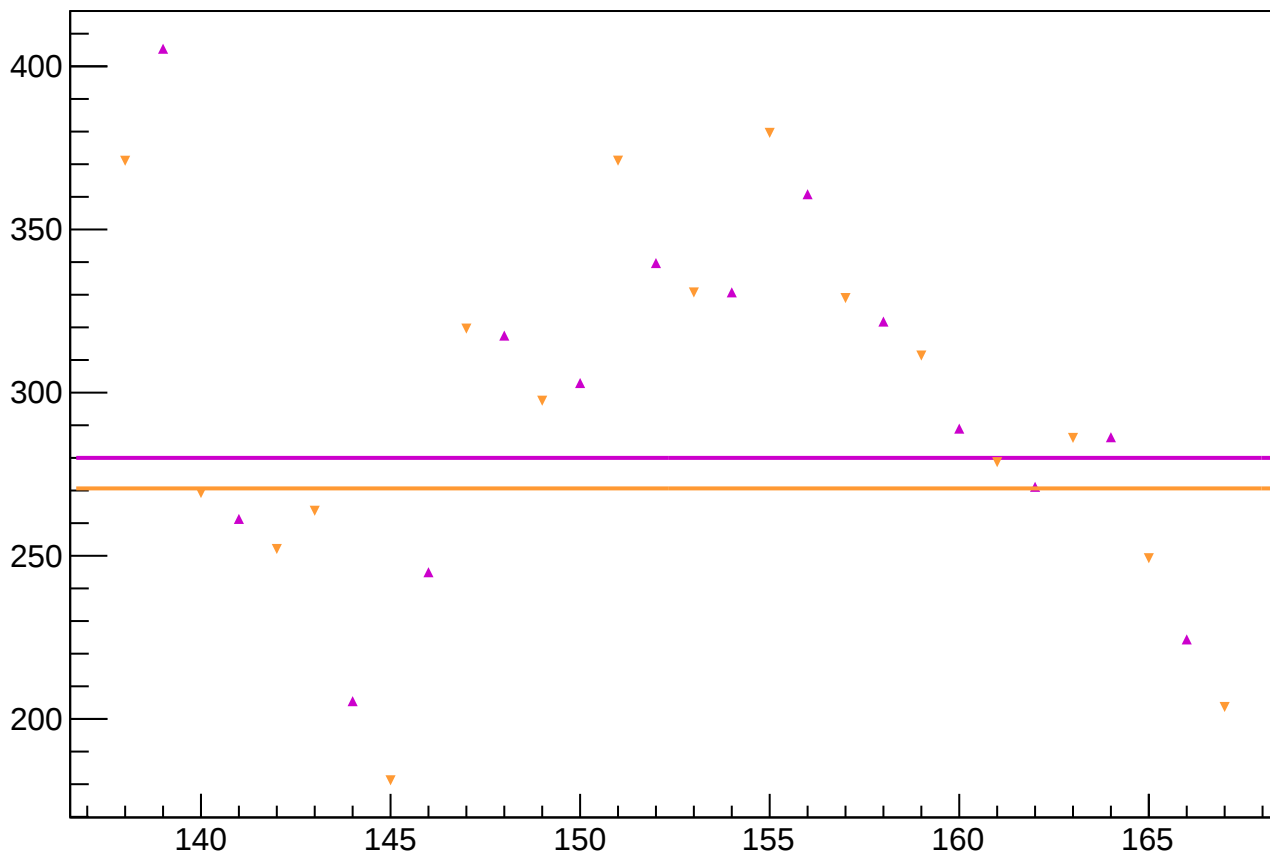
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.391+/-86.142 χ^2/NDF :11.0/13

Out: -505.849+/-79.942 χ^2/NDF :29.1/15

All: -271.964+/-58.597 χ^2/NDF : 58.5/29

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 270.648+/-0.057 χ^2/NDF :1092688.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 280.003+/-0.061 χ^2/NDF :714640.4/13

Left: 274.977+/-0.041 χ^2/NDF : 1820001.7/29

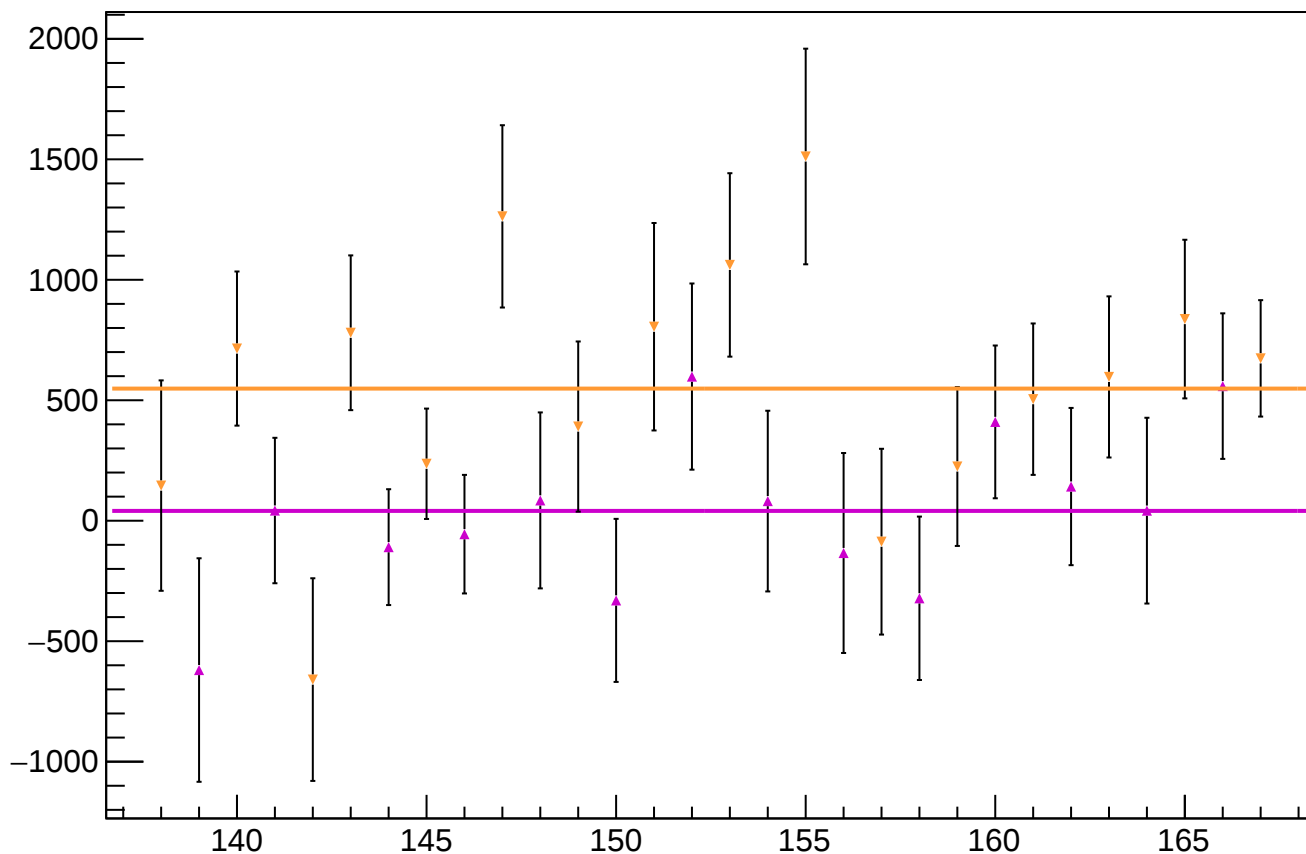
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.003+/-0.061 χ^2/NDF :714640.4/13

Out: 270.648+/-0.057 χ^2/NDF :1092688.6/15

All: 274.977+/-0.041 χ^2/NDF : 1820001.7/29

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 548.450+/-83.603 χ^2/NDF :27.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.770+/-87.362 χ^2/NDF :11.6/13

Left: 305.769+/-60.401 χ^2/NDF : 56.3/29

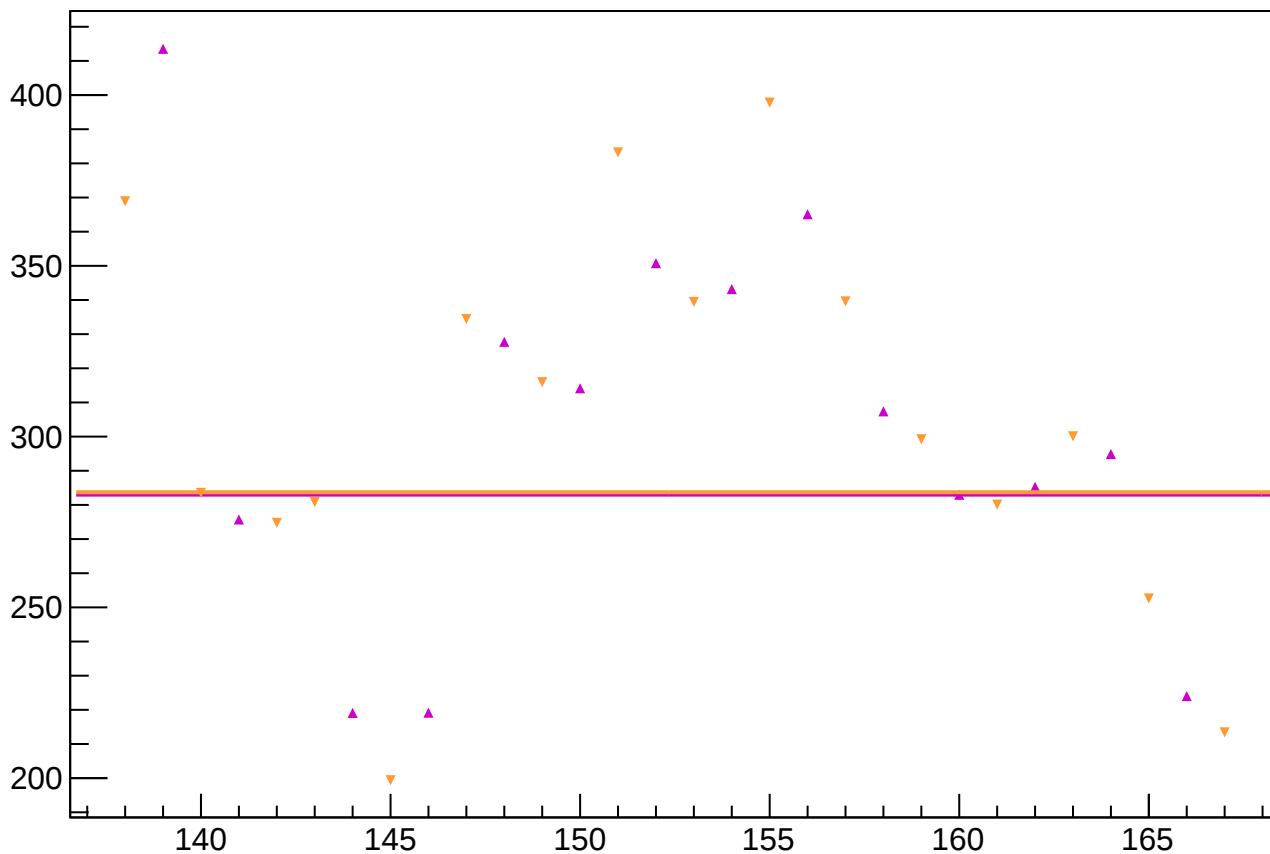
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.770+/-87.362 χ^2/NDF :11.6/13

Out: 548.450+/-83.603 χ^2/NDF :27.1/15

All: 305.769+/-60.401 χ^2/NDF : 56.3/29

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 283.712+/-0.059 χ^2/NDF : 919195.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

Left: 283.377+/-0.043 χ^2/NDF : 1681798.2/29

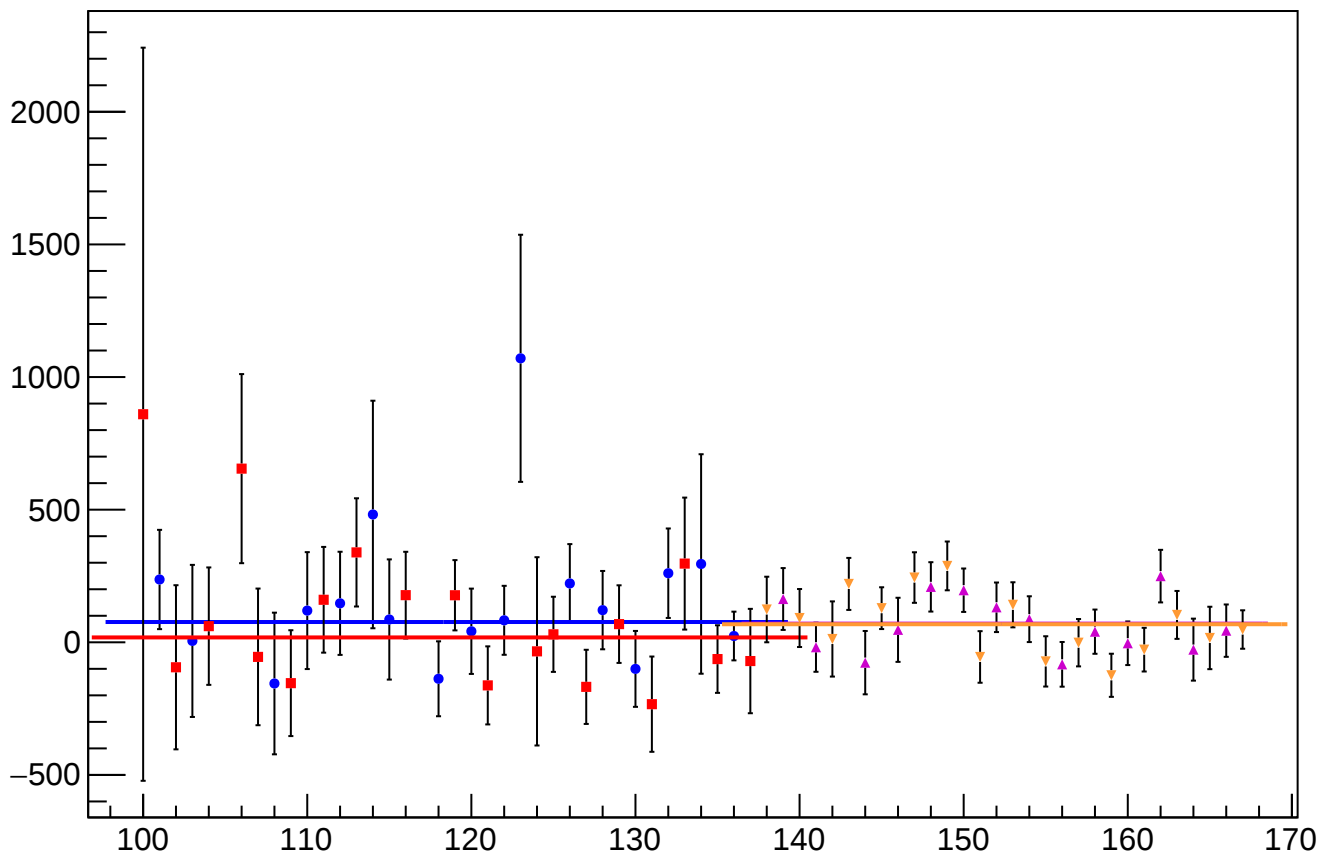
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

Out: 283.712+/-0.059 χ^2/NDF : 919195.6/15

All: 283.377+/-0.043 χ^2/NDF : 1681798.2/29

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: 68.150 $\pm$ 23.203 χ^2/NDF :25.1/15

Right Out: 18.393 $\pm$ 42.277 χ^2/NDF : 17.2/18

Left In: 70.428 $\pm$ 25.377 χ^2/NDF :16.5/13

Left: 69.187 $\pm$ 17.124 χ^2/NDF : 41.5/29

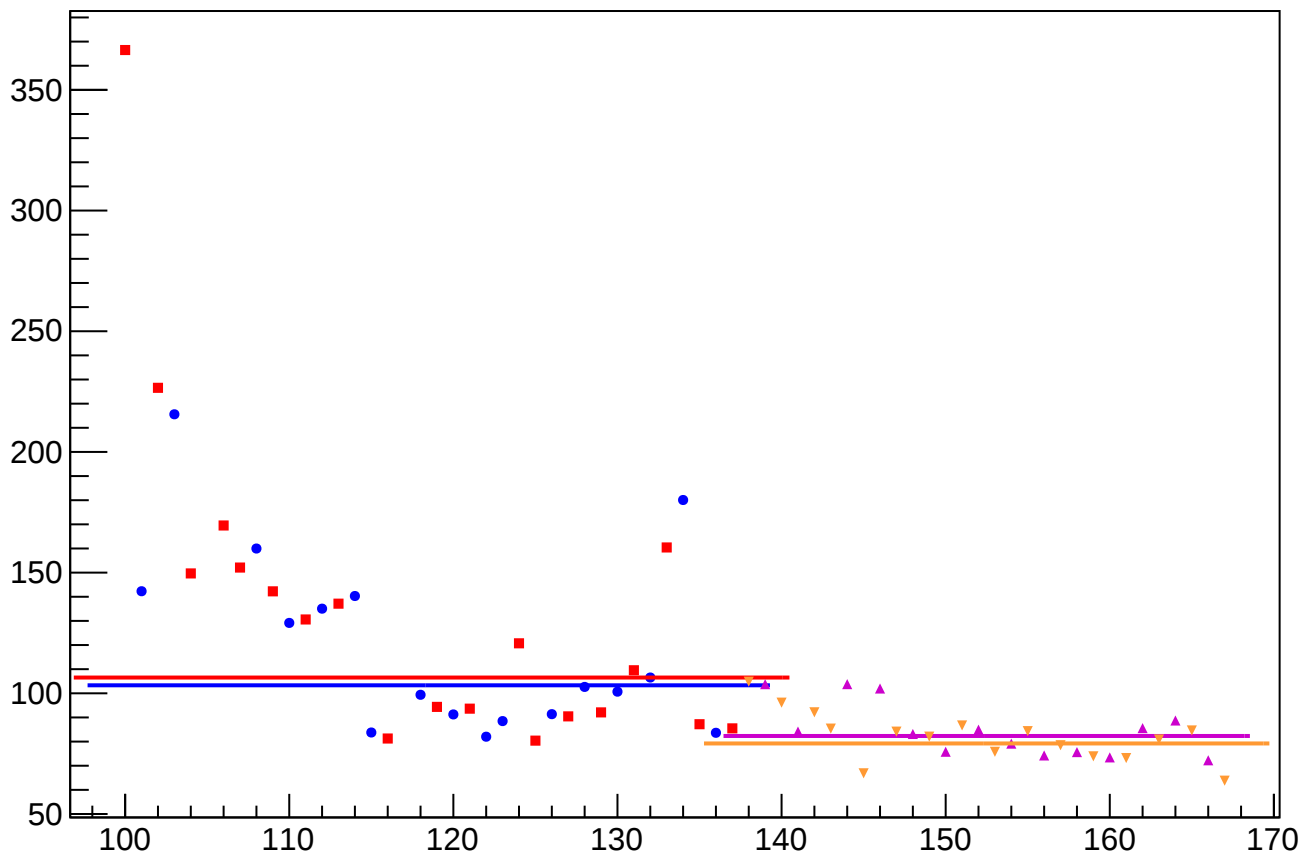
Right: 47.947 $\pm$ 29.637 χ^2/NDF : 32.0/35

In: 72.078 $\pm$ 21.658 χ^2/NDF :30.4/30

Out: 56.632 $\pm$ 20.341 χ^2/NDF :43.3/34

All: 63.871 $\pm$ 14.827 χ^2/NDF : 74.0/65

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: 79.224 $\pm$ 0.016 χ^2 /NDF: 350309.6/15

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 82.324 $\pm$ 0.018 χ^2 /NDF: 286916.5/13

Left: 80.636 $\pm$ 0.012 χ^2 /NDF: 653481.8/29

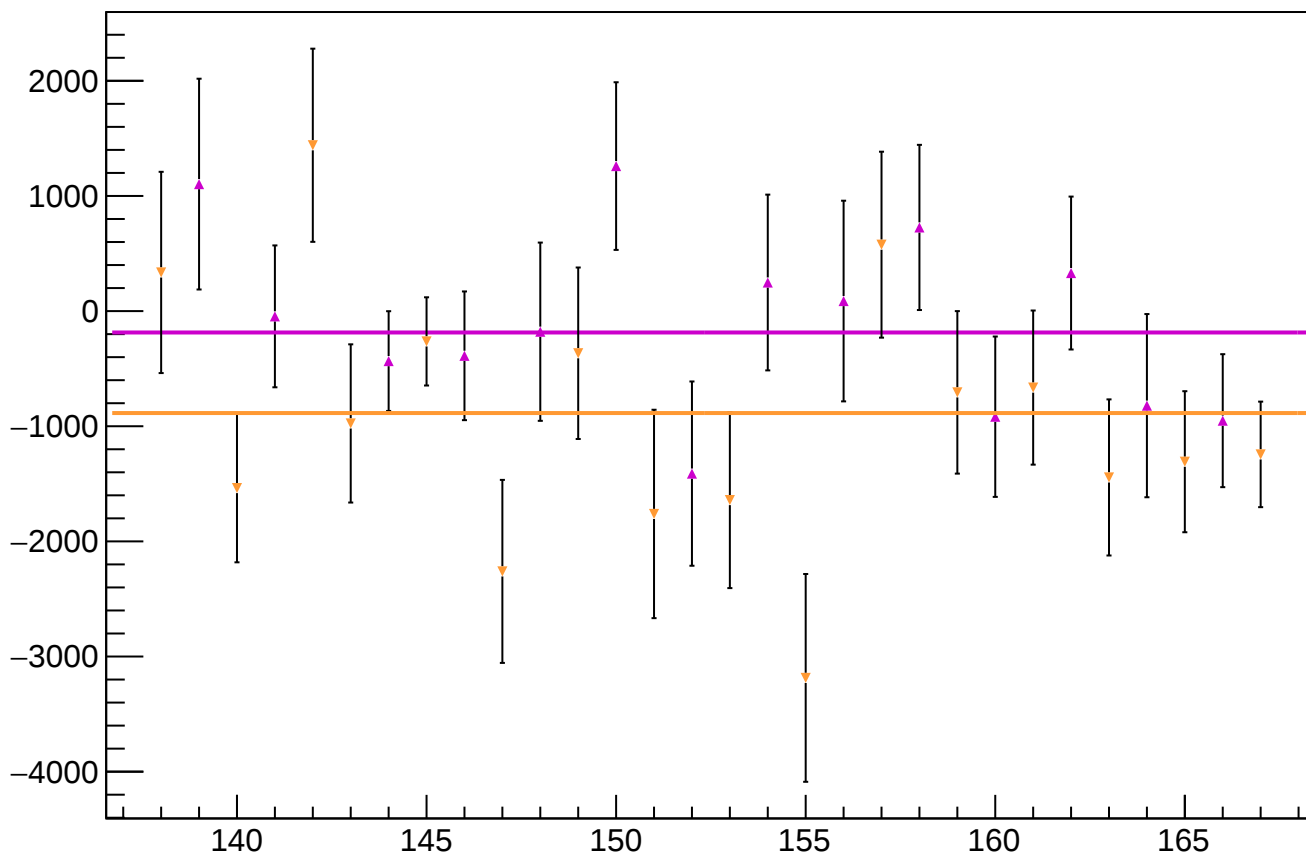
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 88.026 $\pm$ 0.015 χ^2 /NDF: 1496474.1/30

Out: 85.546 $\pm$ 0.014 χ^2 /NDF: 2063132.9/34

All: 86.708 $\pm$ 0.010 χ^2 /NDF: 3573546.0/65

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -885.387+/-164.420 χ^2/NDF :30.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -185.749+/-178.563 χ^2/NDF :14.9/13

Left: -564.369+/-120.954 χ^2/NDF : 53.7/29

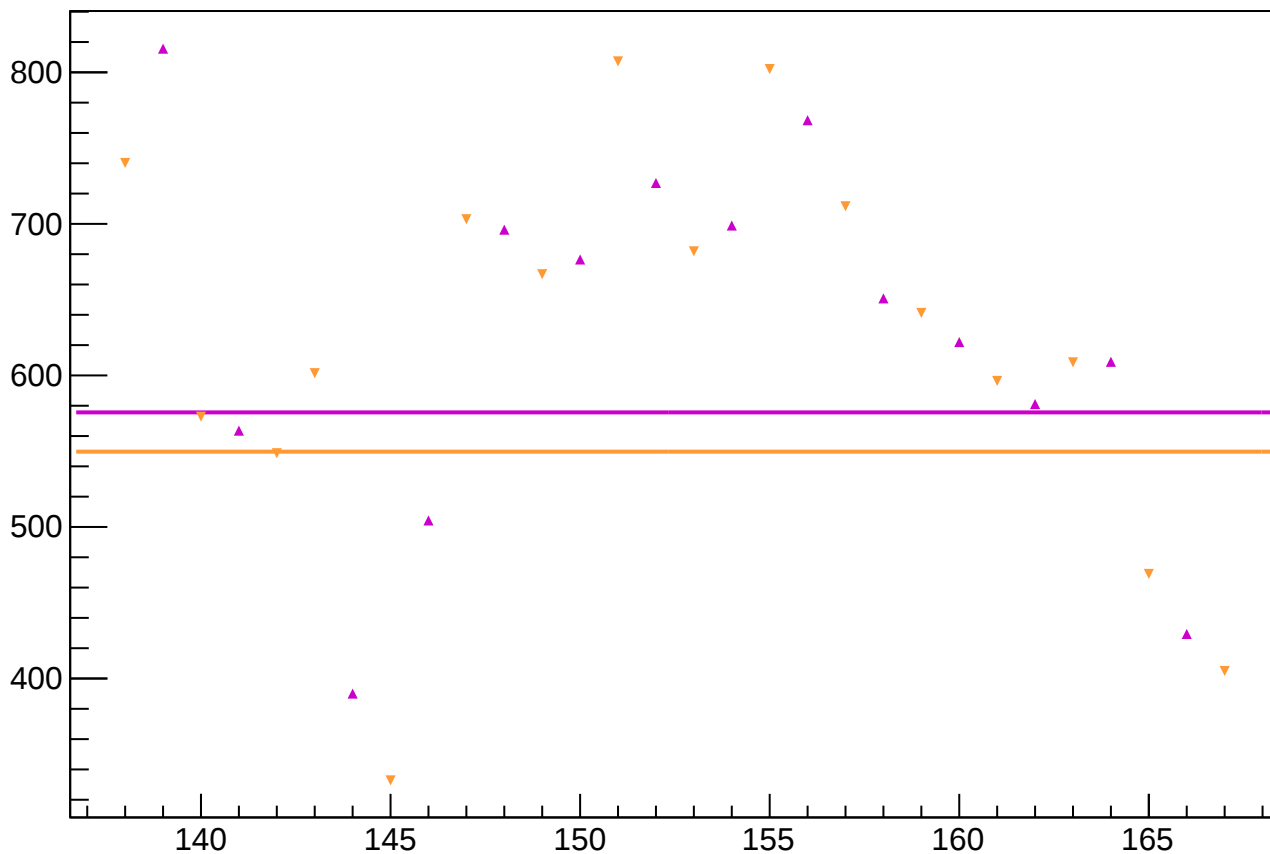
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -185.749+/-178.563 χ^2/NDF :14.9/13

Out: -885.387+/-164.420 χ^2/NDF :30.4/15

All: -564.369+/-120.954 χ^2/NDF : 53.7/29

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 549.700+/-0.116 χ^2/NDF :1625506.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Left: 561.589+/-0.086 χ^2/NDF : 2657556.8/29

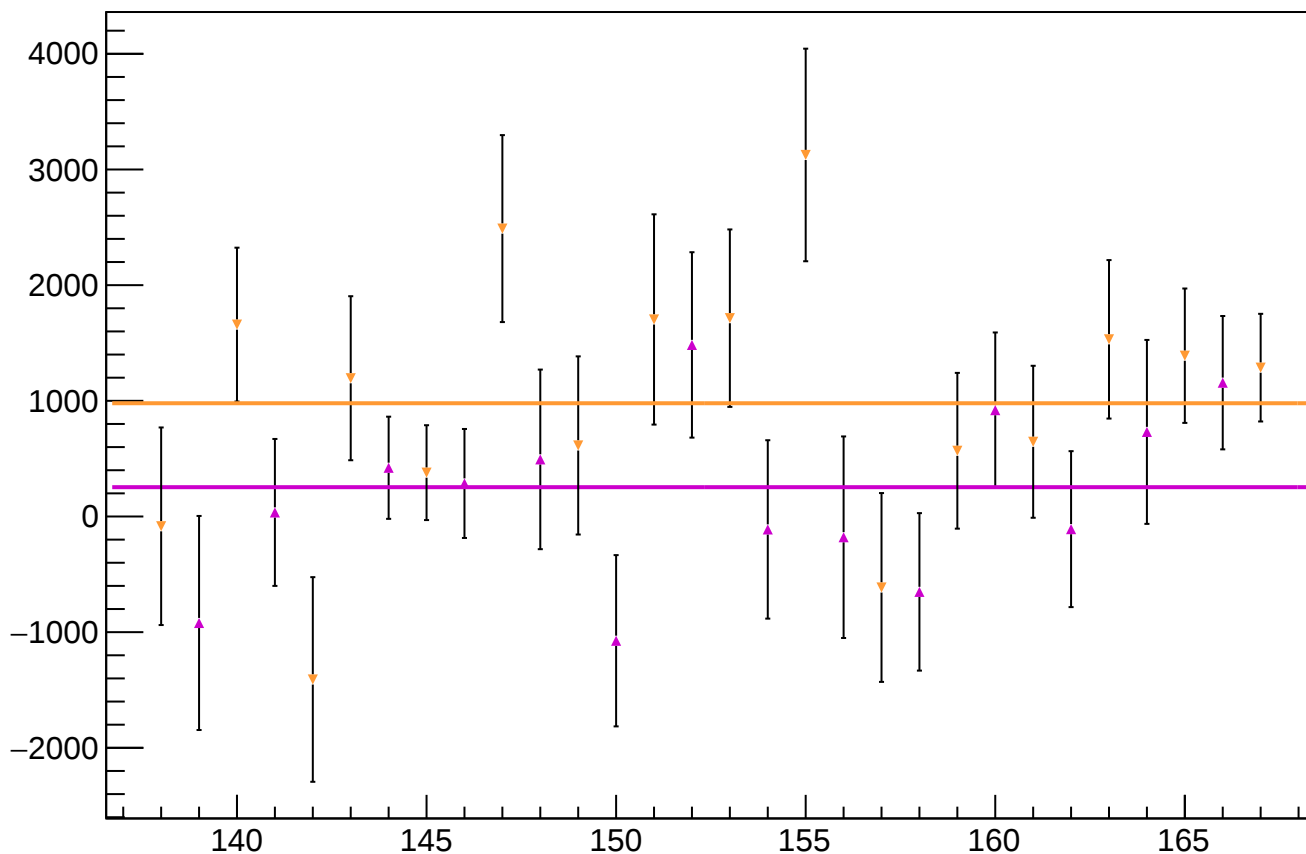
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Out: 549.700+/-0.116 χ^2/NDF :1625506.0/15

All: 561.589+/-0.086 χ^2/NDF : 2657556.8/29

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 979.140+/-166.917 χ^2/NDF : 28.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Left: 634.373+/-120.934 χ^2/NDF : 51.7/29

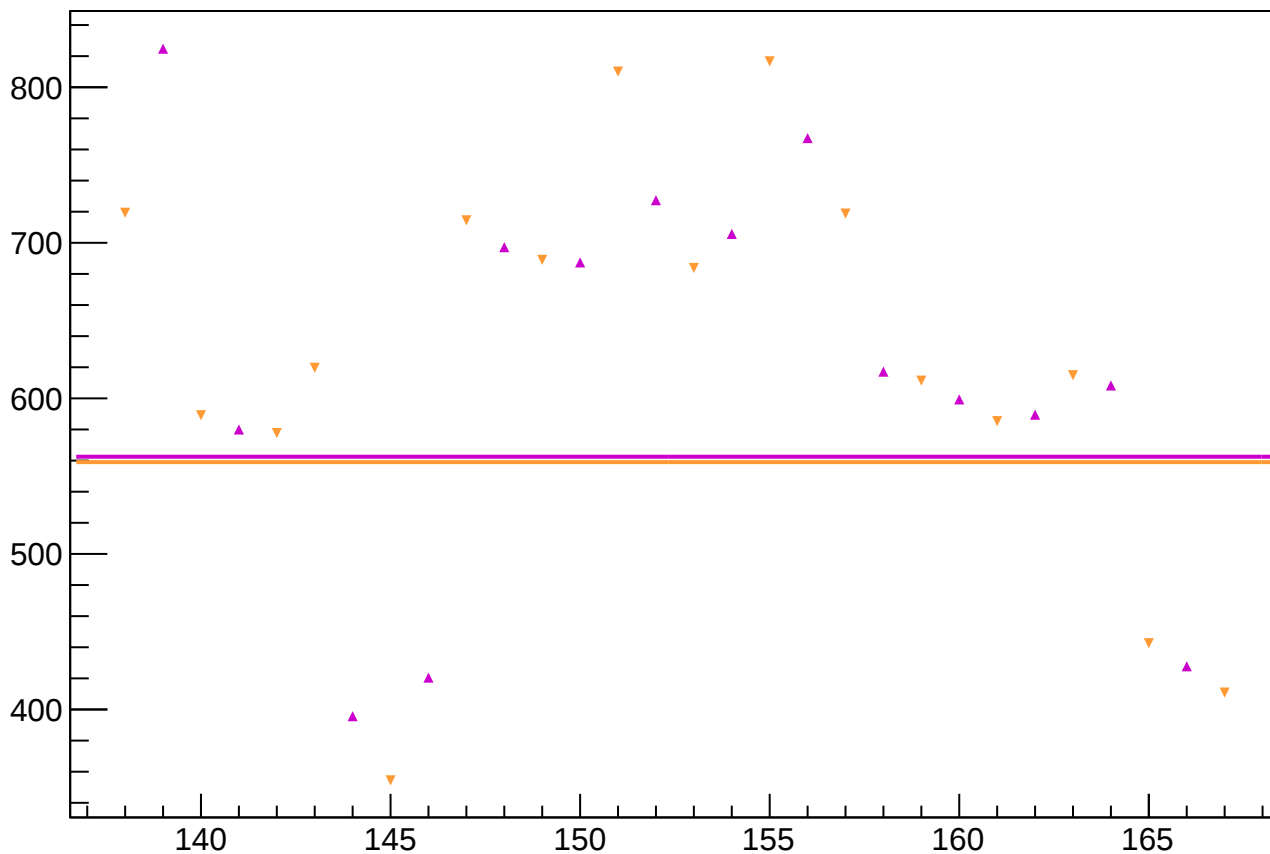
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Out: 979.140+/-166.917 χ^2/NDF : 28.9/15

All: 634.373+/-120.934 χ^2/NDF : 51.7/29

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 559.021+/-0.118 χ^2/NDF :1469926.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Left: 560.667+/-0.086 χ^2/NDF : 2618919.6/29

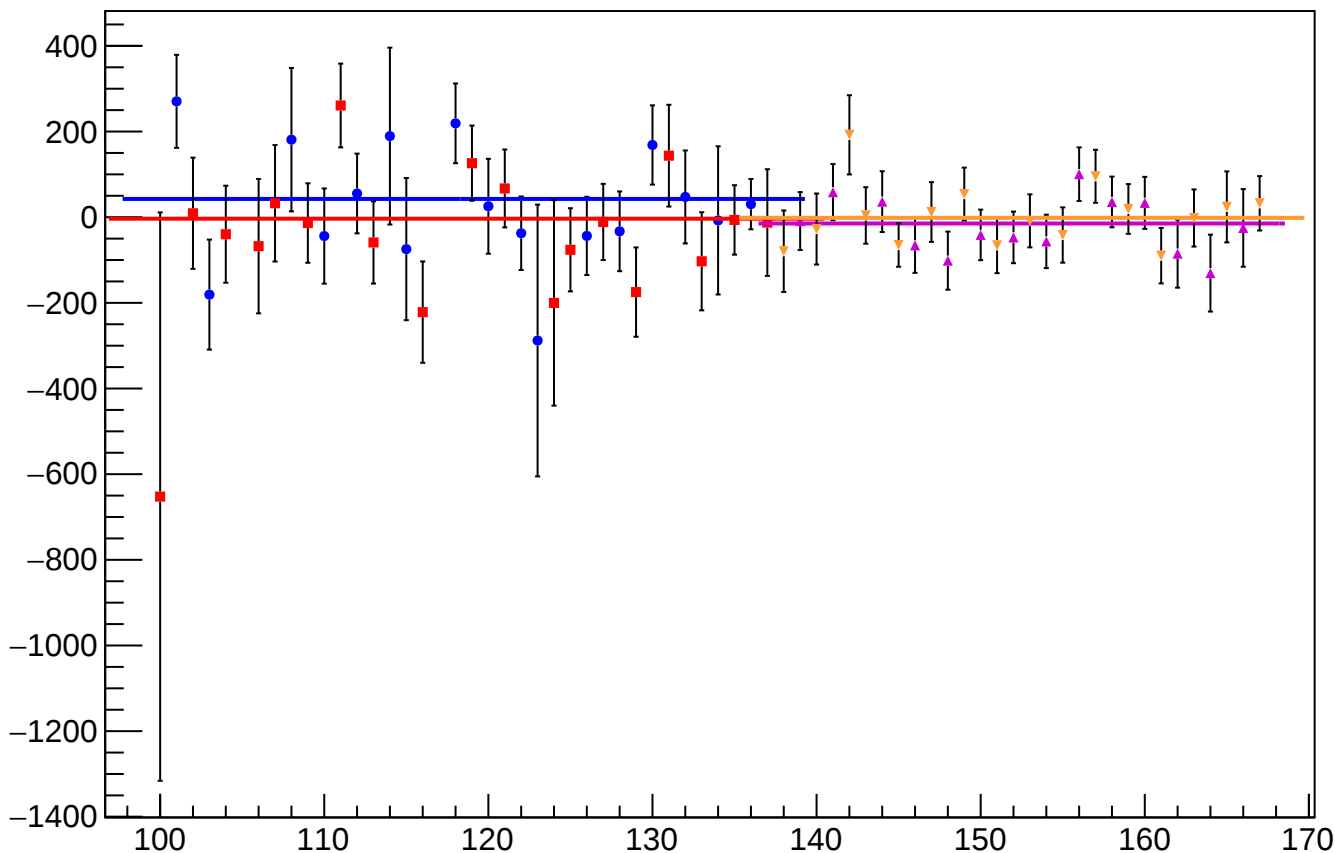
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Out: 559.021+/-0.118 χ^2/NDF :1469926.2/15

All: 560.667+/-0.086 χ^2/NDF : 2618919.6/29

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -1.502+/-16.635 χ^2/NDF :13.8/15

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: -14.721+/-17.829 χ^2/NDF :12.2/13

Left: -7.654+/-12.163 χ^2/NDF : 26.3/29

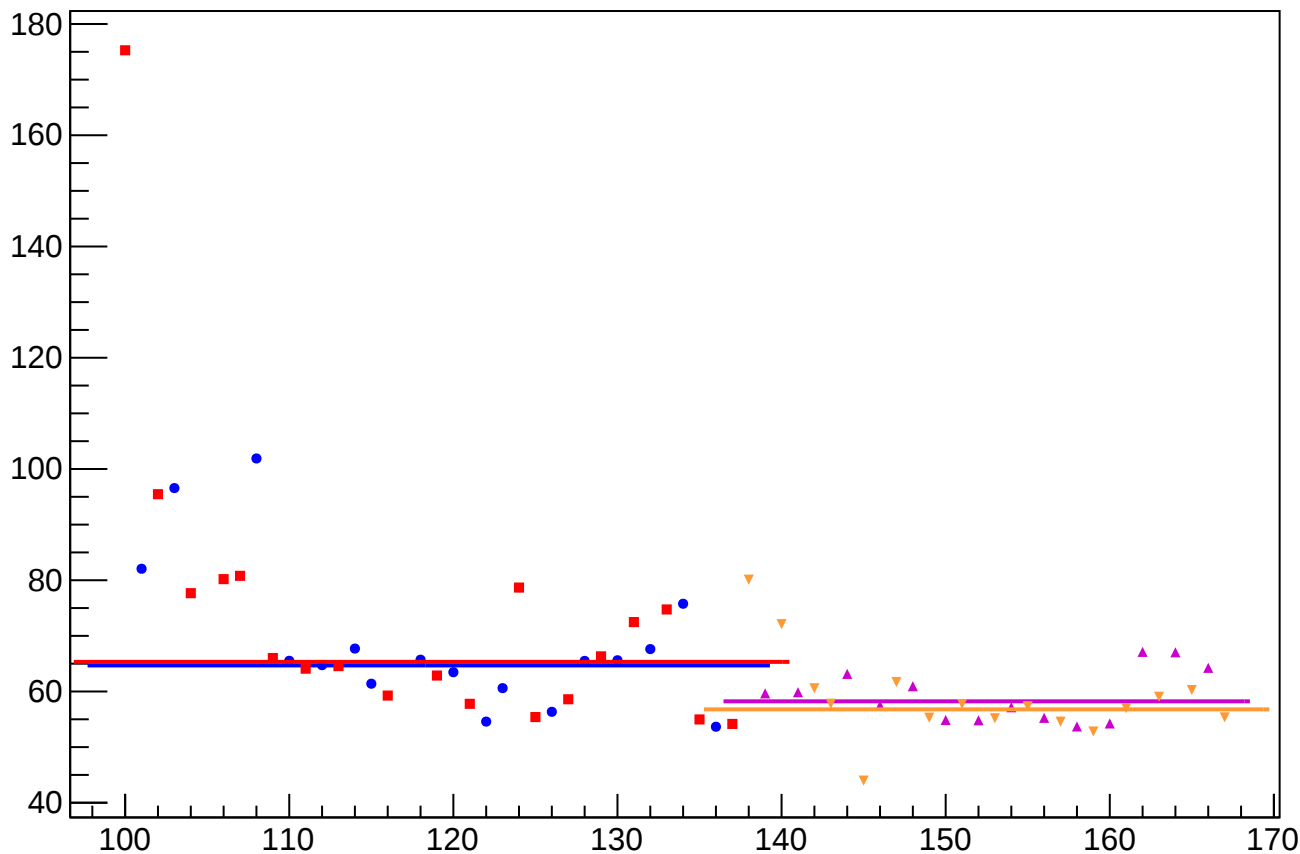
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 4.131+/-14.609 χ^2/NDF :34.4/30

Out: -2.114+/-13.861 χ^2/NDF :35.2/34

All: 0.845+/-10.055 χ^2/NDF : 69.7/65

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: 56.787 $\pm$ 0.012 χ^2 /NDF: 351489.4/15

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.233 $\pm$ 0.013 χ^2 /NDF: 106654.7/13

Left: 57.460 $\pm$ 0.009 χ^2 /NDF: 465181.6/29

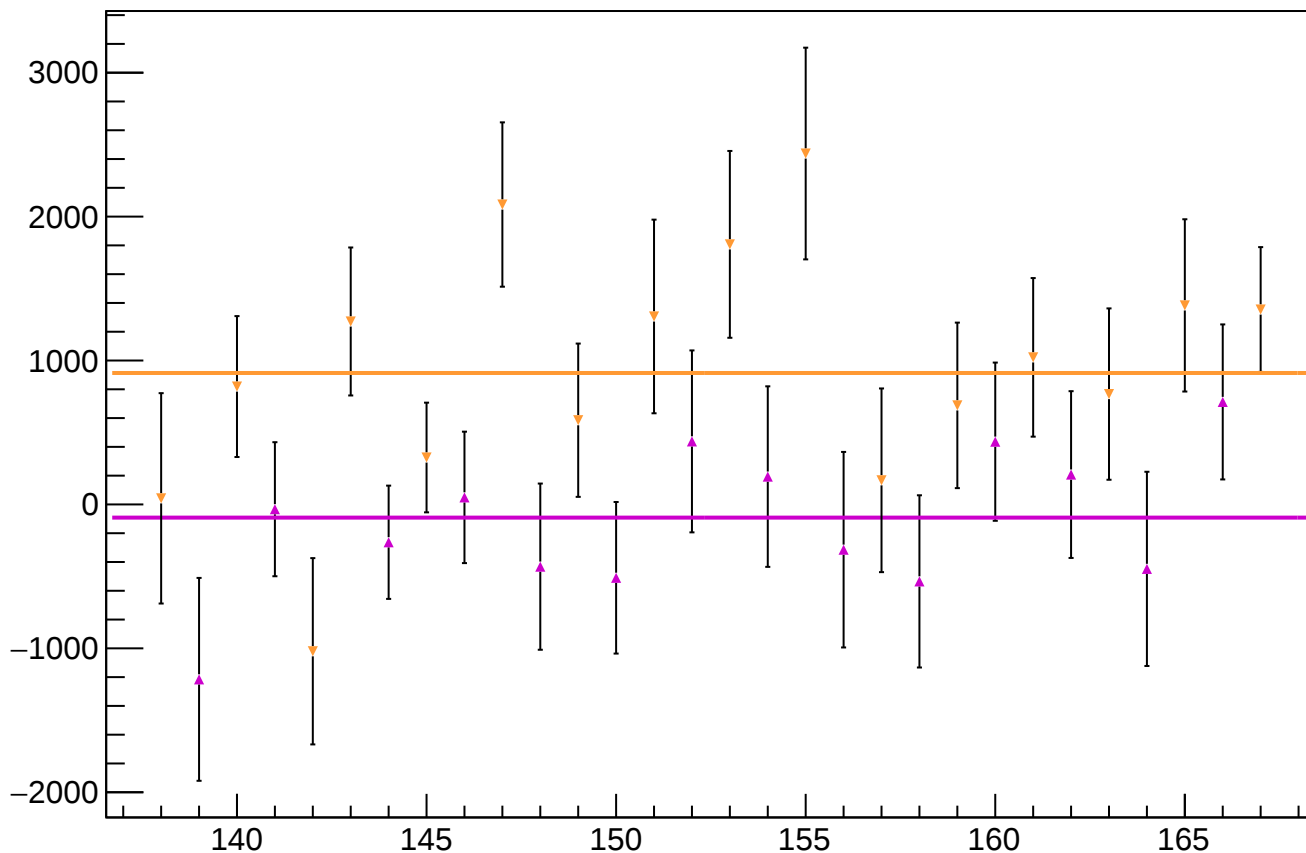
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.353 $\pm$ 0.010 χ^2 /NDF: 592920.2/30

Out: 59.396 $\pm$ 0.010 χ^2 /NDF: 872119.0/34

All: 59.850 $\pm$ 0.007 χ^2 /NDF: 1469552.9/65

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: 913.379+/-138.907 χ^2/NDF :27.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -91.605+/-146.780 χ^2/NDF :9.1/13

Left: 438.563+/-100.891 χ^2/NDF : 61.4/29

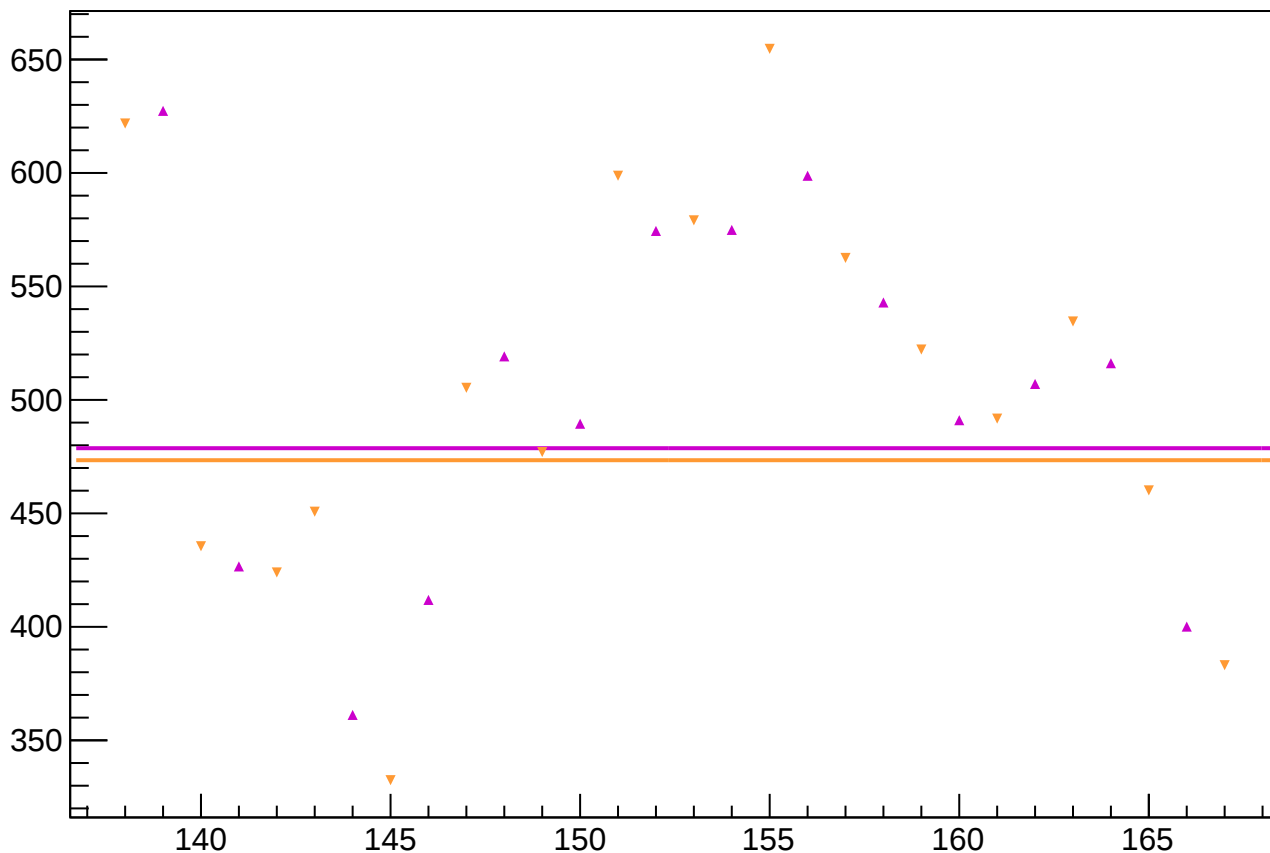
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.605+/-146.780 χ^2/NDF :9.1/13

Out: 913.379+/-138.907 χ^2/NDF :27.6/15

All: 438.563+/-100.891 χ^2/NDF : 61.4/29

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: 473.427+/-0.098 χ^2/NDF : 798433.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Left: 475.928+/-0.071 χ^2/NDF : 1378581.3/29

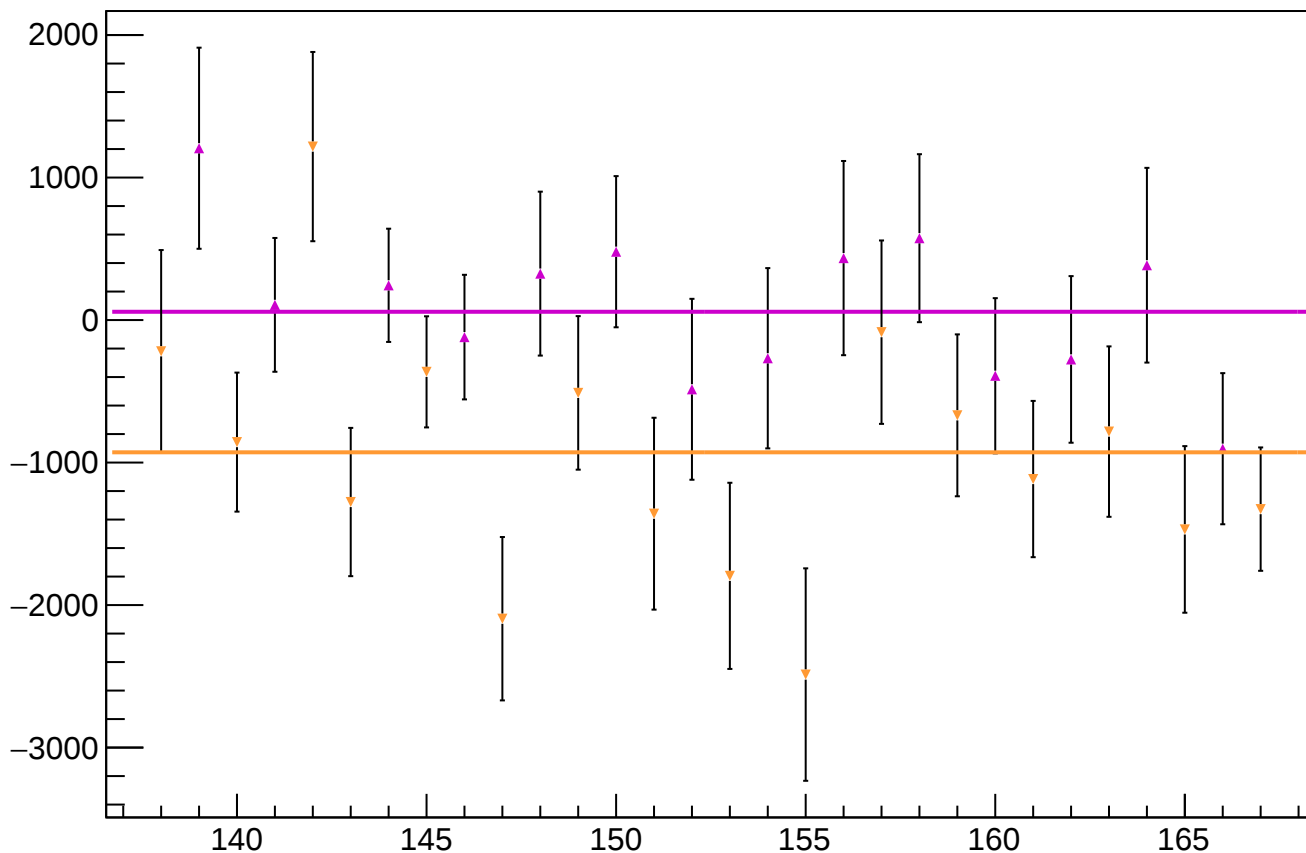
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Out: 473.427+/-0.098 χ^2/NDF : 798433.6/15

All: 475.928+/-0.071 χ^2/NDF : 1378581.3/29

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -928.078+/-139.398 χ^2/NDF :29.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 58.145+/-146.329 χ^2/NDF :10.5/13

Left: -458.875+/-100.931 χ^2/NDF : 63.4/29

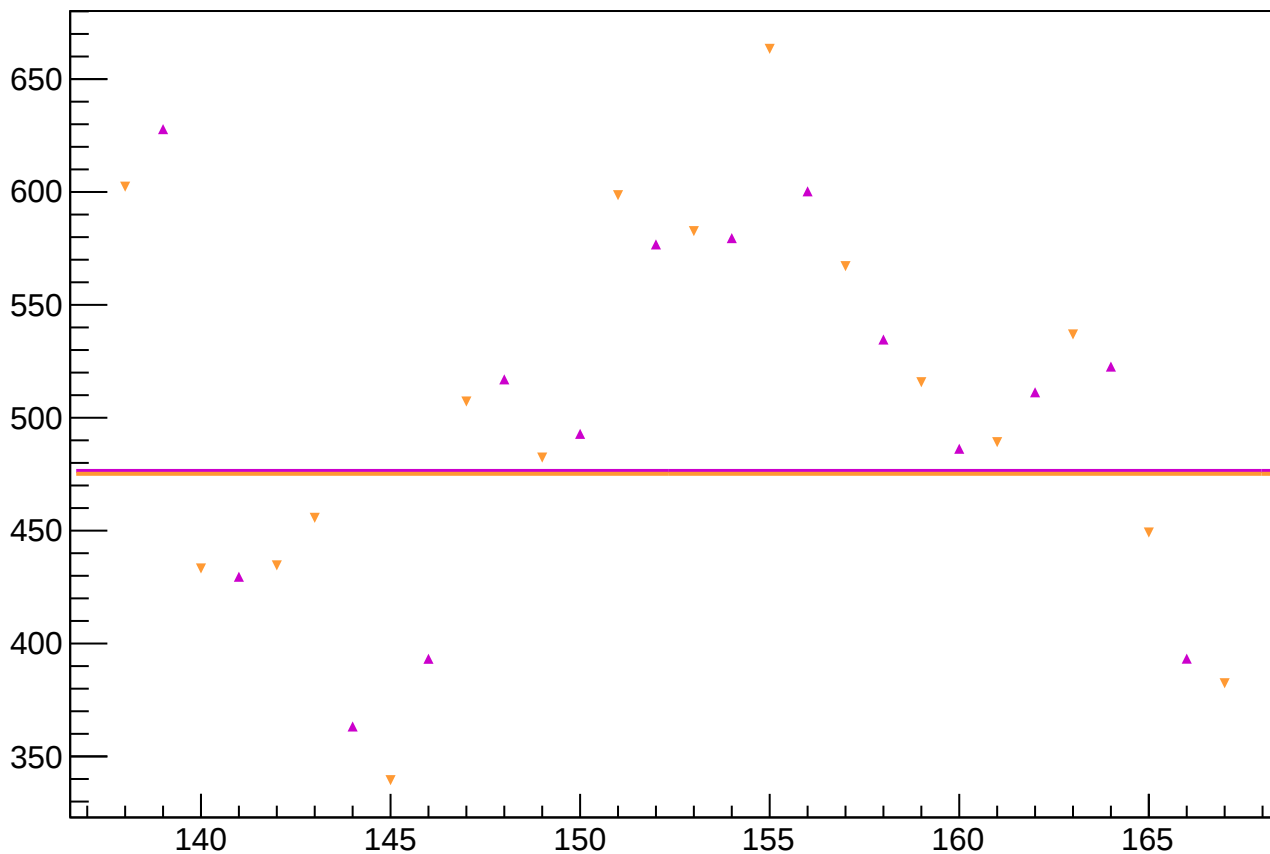
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.145+/-146.329 χ^2/NDF :10.5/13

Out: -928.078+/-139.398 χ^2/NDF :29.1/15

All: -458.875+/-100.931 χ^2/NDF : 63.4/29

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 475.175+/-0.099 χ^2/NDF : 756297.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

Left: 475.776+/-0.071 χ^2/NDF : 1369766.1/29

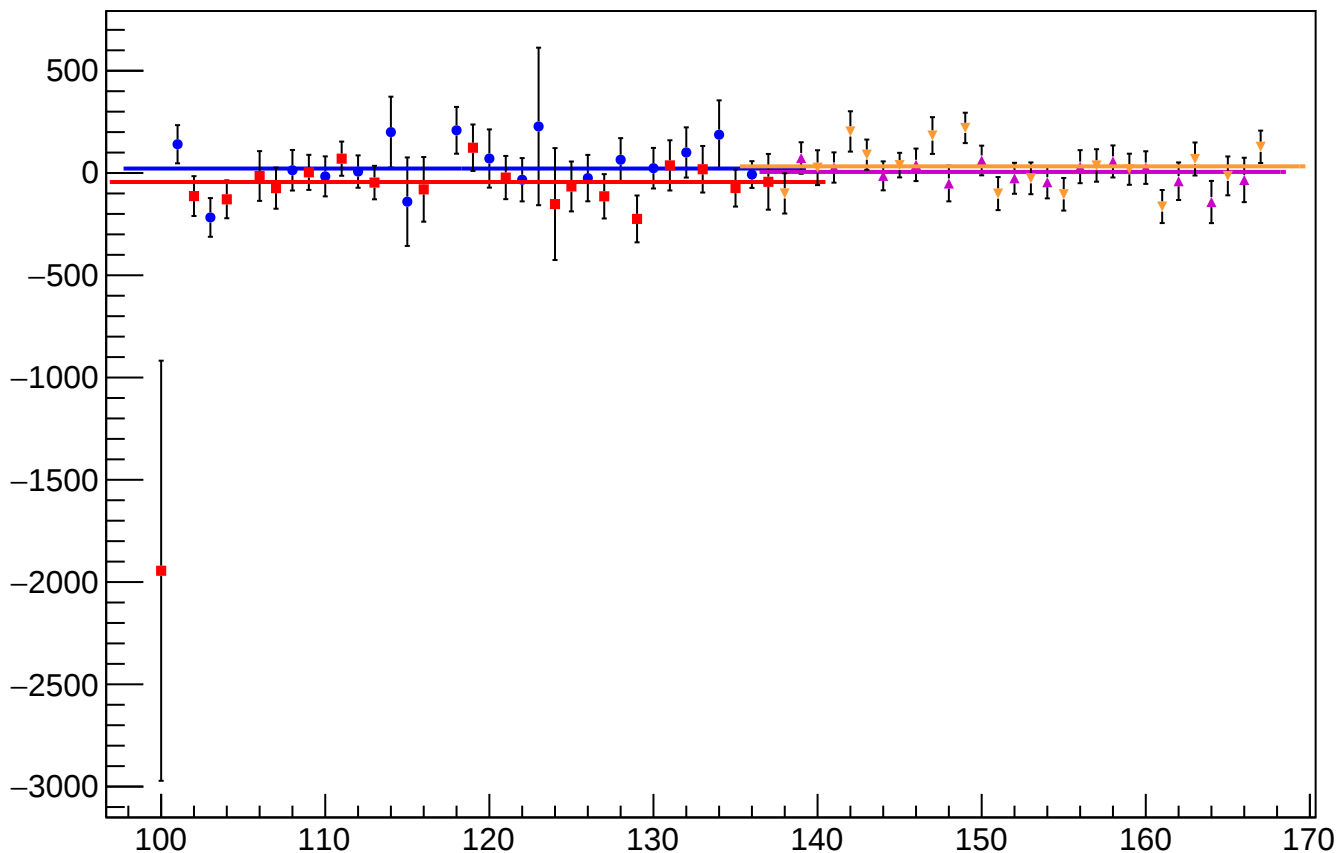
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

Out: 475.175+/-0.099 χ^2/NDF : 756297.9/15

All: 475.776+/-0.071 χ^2/NDF : 1369766.1/29

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: 32.650 $\pm$ 20.023 χ^2 /NDF:28.7/15

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 5.279 $\pm$ 21.646 χ^2 /NDF:5.7/13

Left: 20.029 $\pm$ 14.699 χ^2 /NDF: 35.3/29

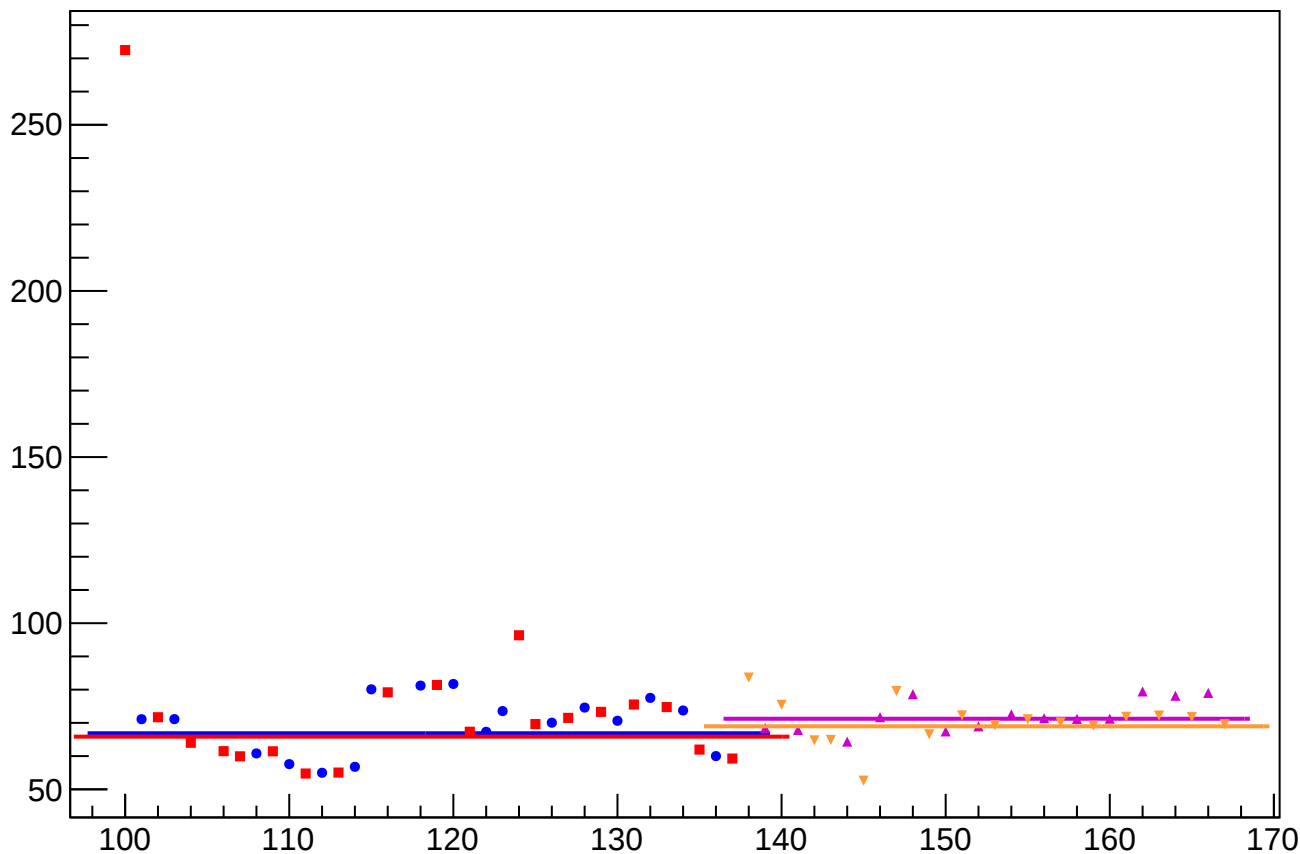
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 12.069 $\pm$ 16.650 χ^2 /NDF:21.0/30

Out: 2.872 $\pm$ 15.655 χ^2 /NDF:47.7/34

All: 7.188 $\pm$ 11.405 χ^2 /NDF: 68.9/65

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: 68.970 $\pm$ 0.014 χ^2 /NDF: 256758.2/15

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 71.240 $\pm$ 0.015 χ^2 /NDF: 83135.5/13

Left: 70.017 $\pm$ 0.010 χ^2 /NDF: 351750.4/29

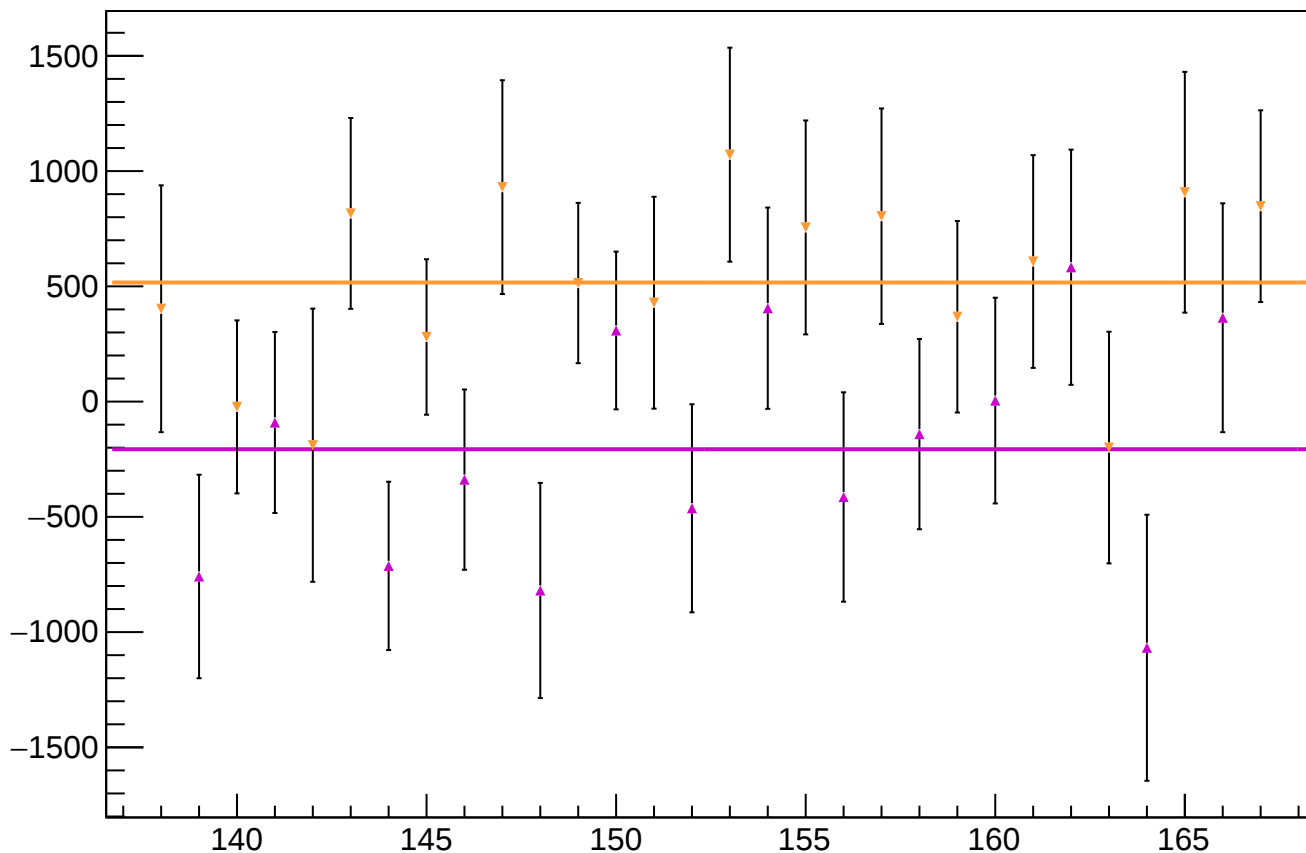
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 69.457 $\pm$ 0.012 χ^2 /NDF: 318913.9/30

Out: 67.759 $\pm$ 0.011 χ^2 /NDF: 575460.8/34

All: 68.555 $\pm$ 0.008 χ^2 /NDF: 905412.7/65

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: 516.713+/-109.453 χ^2/NDF :10.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -206.642+/-115.030 χ^2/NDF :16.4/13

Left: 172.994+/-79.293 χ^2/NDF : 48.0/29

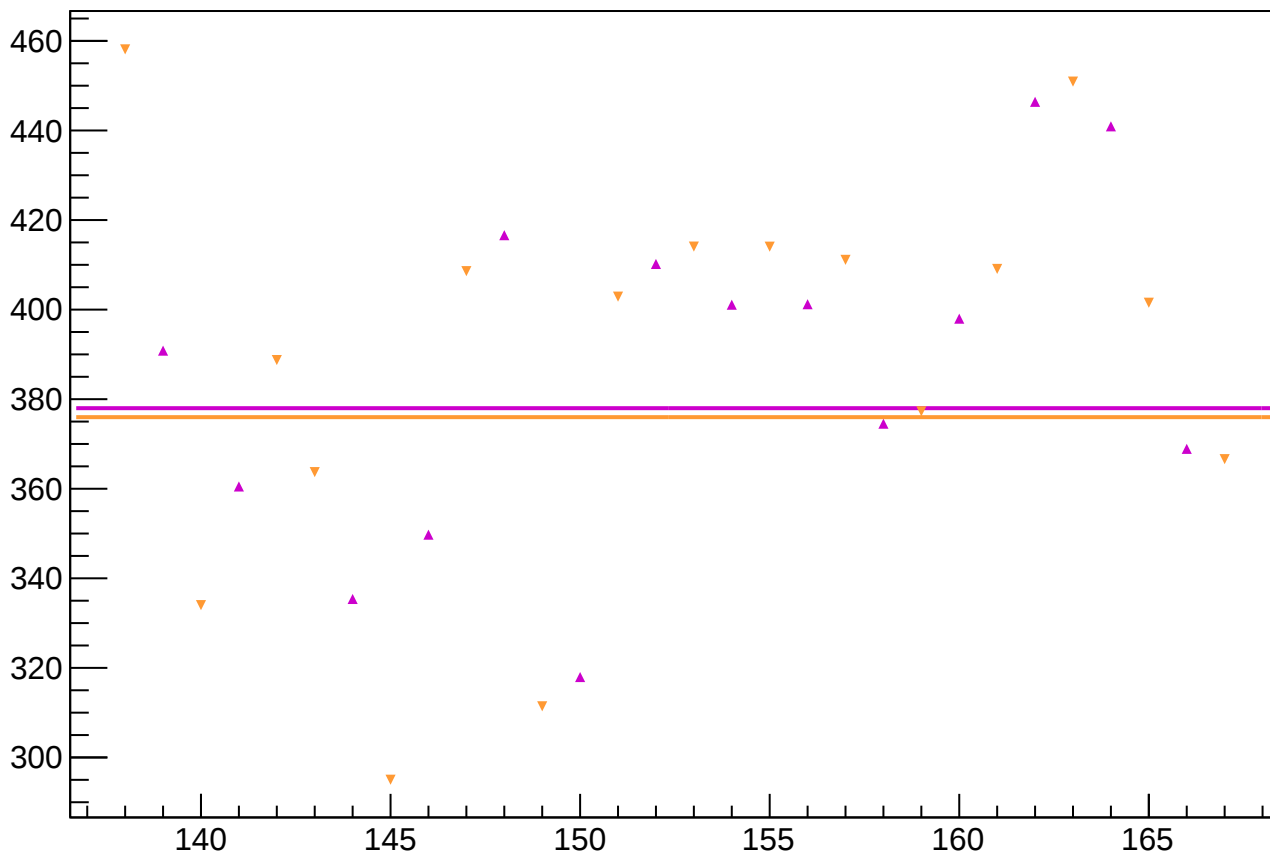
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -206.642+/-115.030 χ^2/NDF :16.4/13

Out: 516.713+/-109.453 χ^2/NDF :10.8/15

All: 172.994+/-79.293 χ^2/NDF : 48.0/29

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: 375.986+/-0.077 χ^2/NDF :374443.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 377.990+/-0.081 χ^2/NDF :204126.3/13

Left: 376.938+/-0.056 χ^2/NDF : 578888.2/29

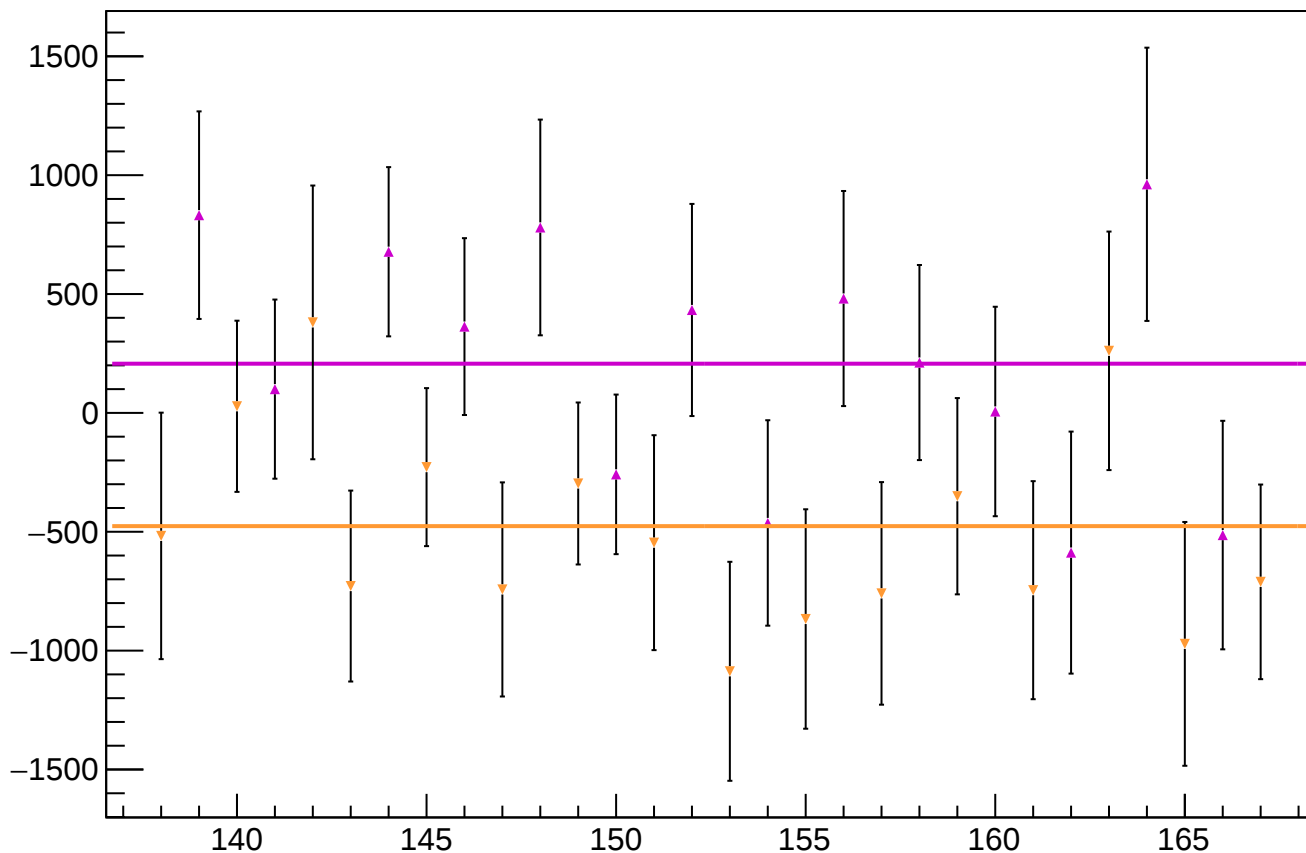
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 377.990+/-0.081 χ^2/NDF :204126.3/13

Out: 375.986+/-0.077 χ^2/NDF :374443.1/15

All: 376.938+/-0.056 χ^2/NDF : 578888.2/29

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -476.312 ± 107.530 $\chi^2/\text{NDF}: 12.5/15$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 206.974 ± 112.709 $\chi^2/\text{NDF}: 17.2/13$

Left: -150.730 ± 77.802 $\chi^2/\text{NDF}: 48.9/29$

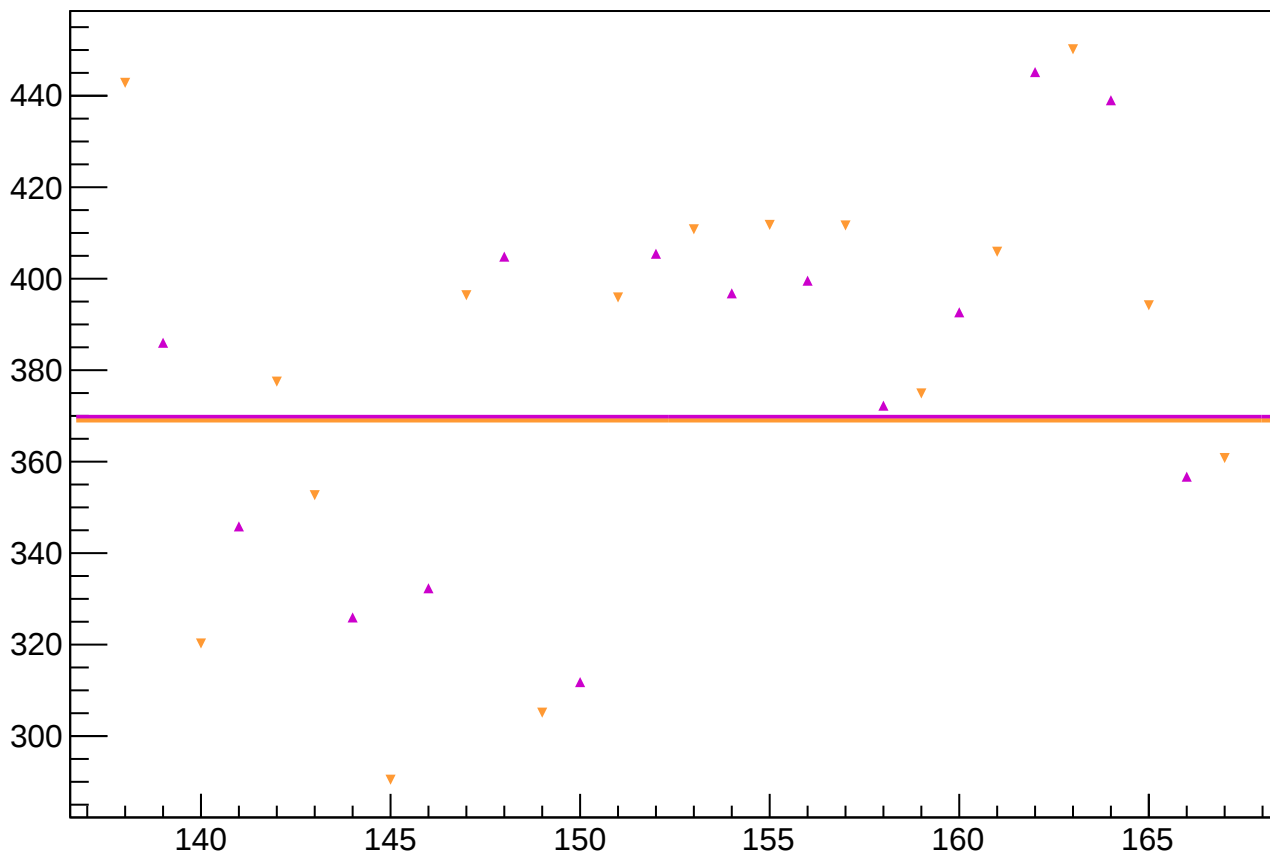
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 206.974 ± 112.709 $\chi^2/\text{NDF}: 17.2/13$

Out: -476.312 ± 107.530 $\chi^2/\text{NDF}: 12.5/15$

All: -150.730 ± 77.802 $\chi^2/\text{NDF}: 48.9/29$

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.998+/-0.076 χ^2/NDF :399041.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 369.799+/-0.080 χ^2/NDF :242192.9/13

Left: 369.379+/-0.055 χ^2/NDF : 641286.9/29

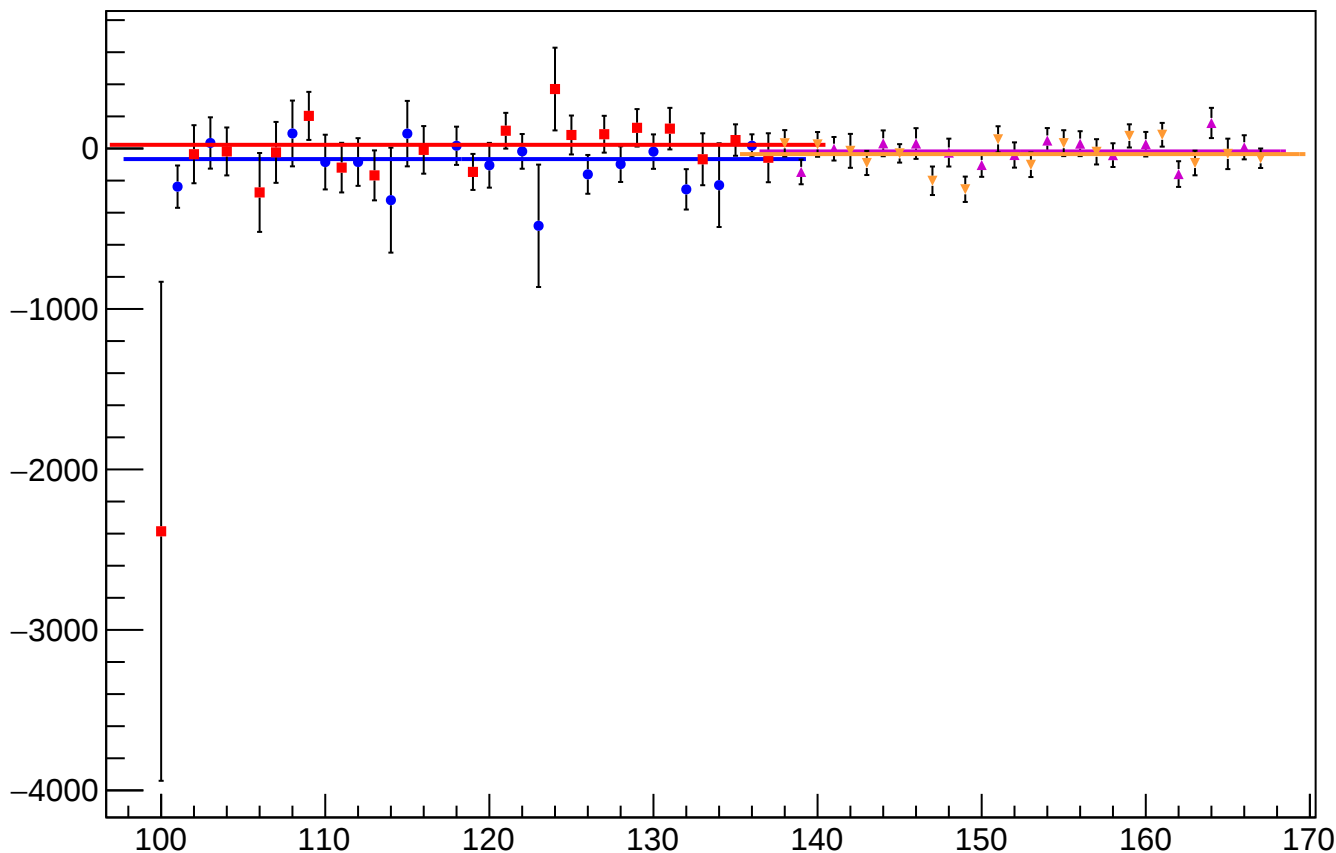
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.799+/-0.080 χ^2/NDF :242192.9/13

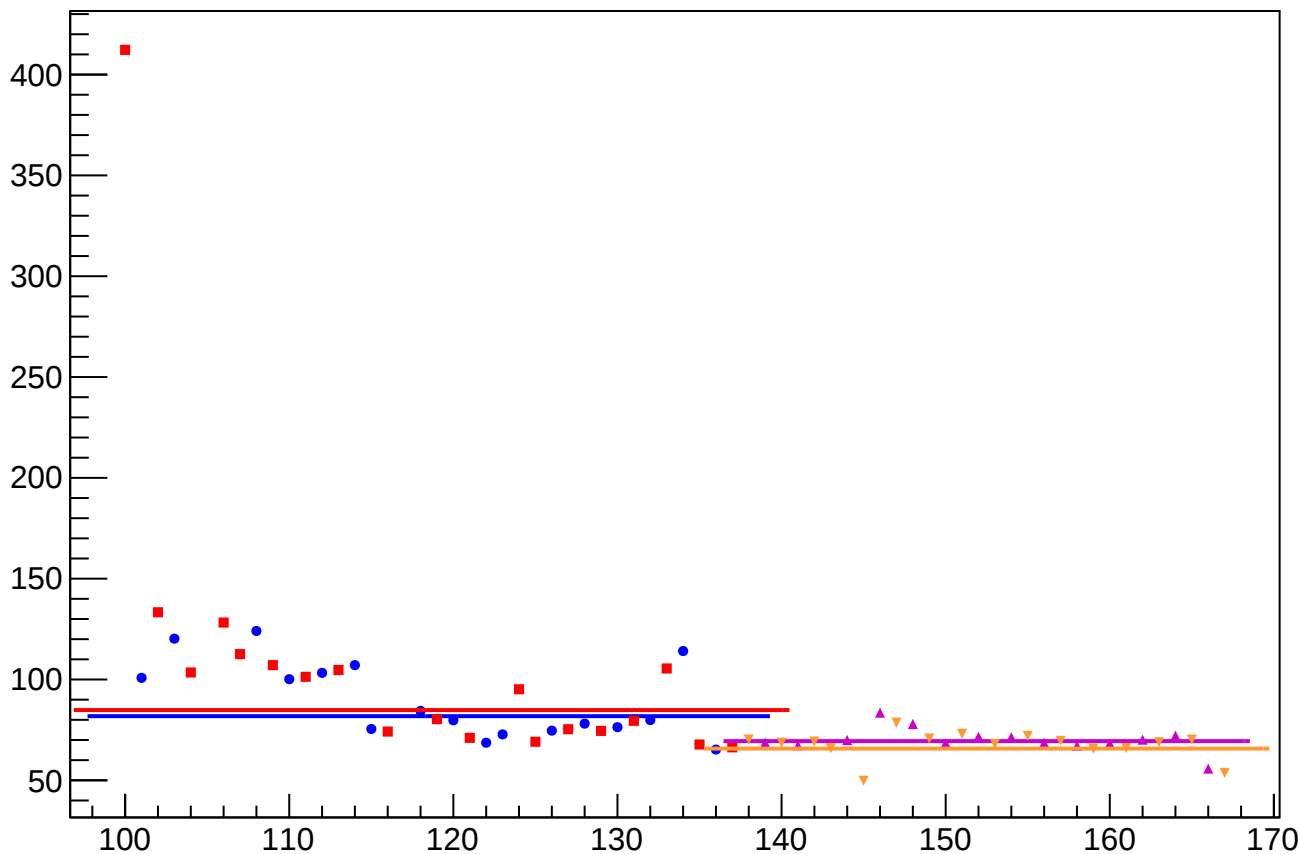
Out: 368.998+/-0.076 χ^2/NDF :399041.1/15

All: 369.379+/-0.055 χ^2/NDF : 641286.9/29

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 65.736 $\pm$ 0.014 χ^2/NDF : 336795.4/15

Right Out: 84.836 $\pm$ 0.023 χ^2/NDF : 704648.9/18

Left In: 69.440 $\pm$ 0.015 χ^2/NDF : 137831.4/13

Left: 67.398 $\pm$ 0.010 χ^2/NDF : 508320.8/29

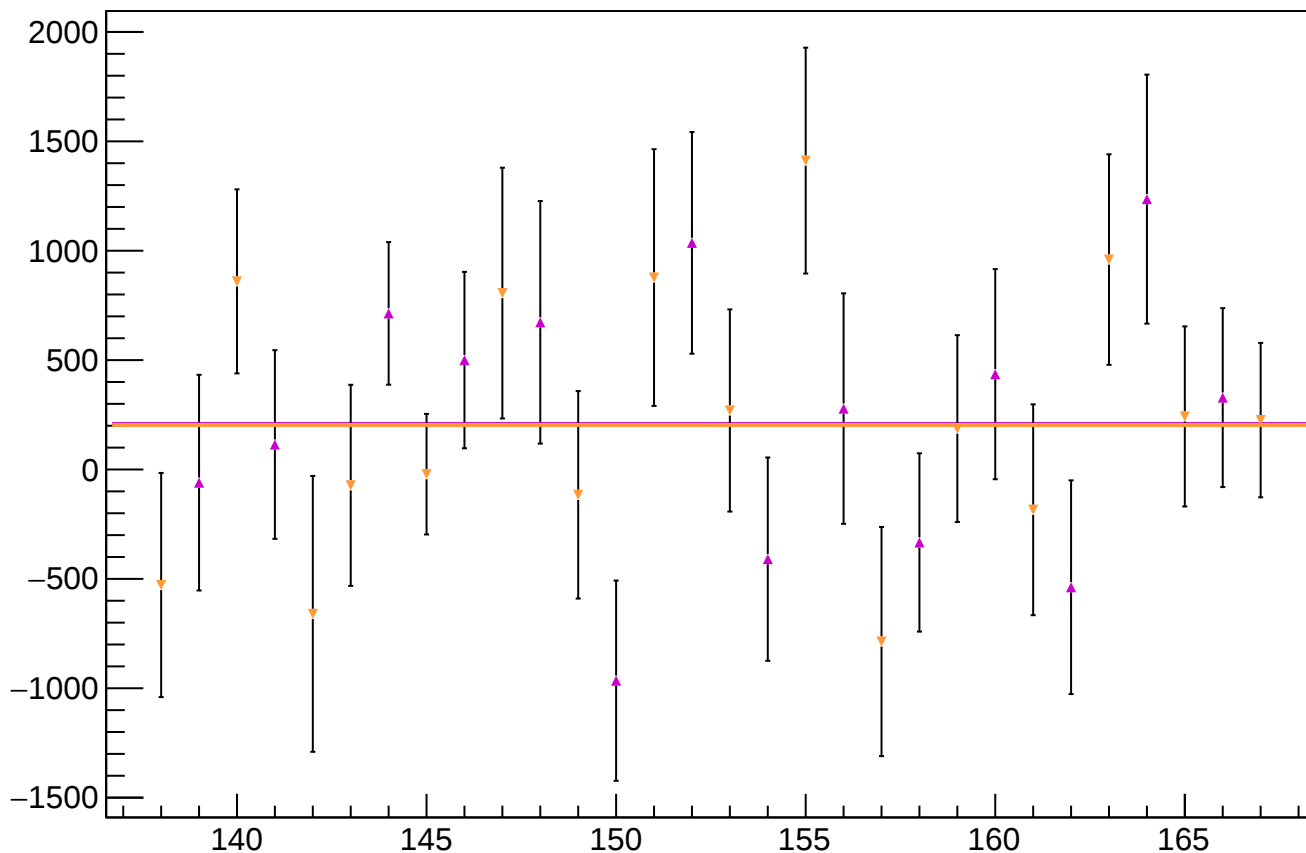
Right: 83.300 $\pm$ 0.016 χ^2/NDF : 1220504.3/35

In: 73.163 $\pm$ 0.013 χ^2/NDF : 850162.8/30

Out: 70.582 $\pm$ 0.012 χ^2/NDF : 1548128.0/34

All: 71.782 $\pm$ 0.009 χ^2/NDF : 2421006.7/65

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: 203.622+/-111.533 χ^2/NDF : 22.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.538+/-120.540 χ^2/NDF : 22.7/13

Left: 205.428+/-81.865 χ^2/NDF : 45.1/29

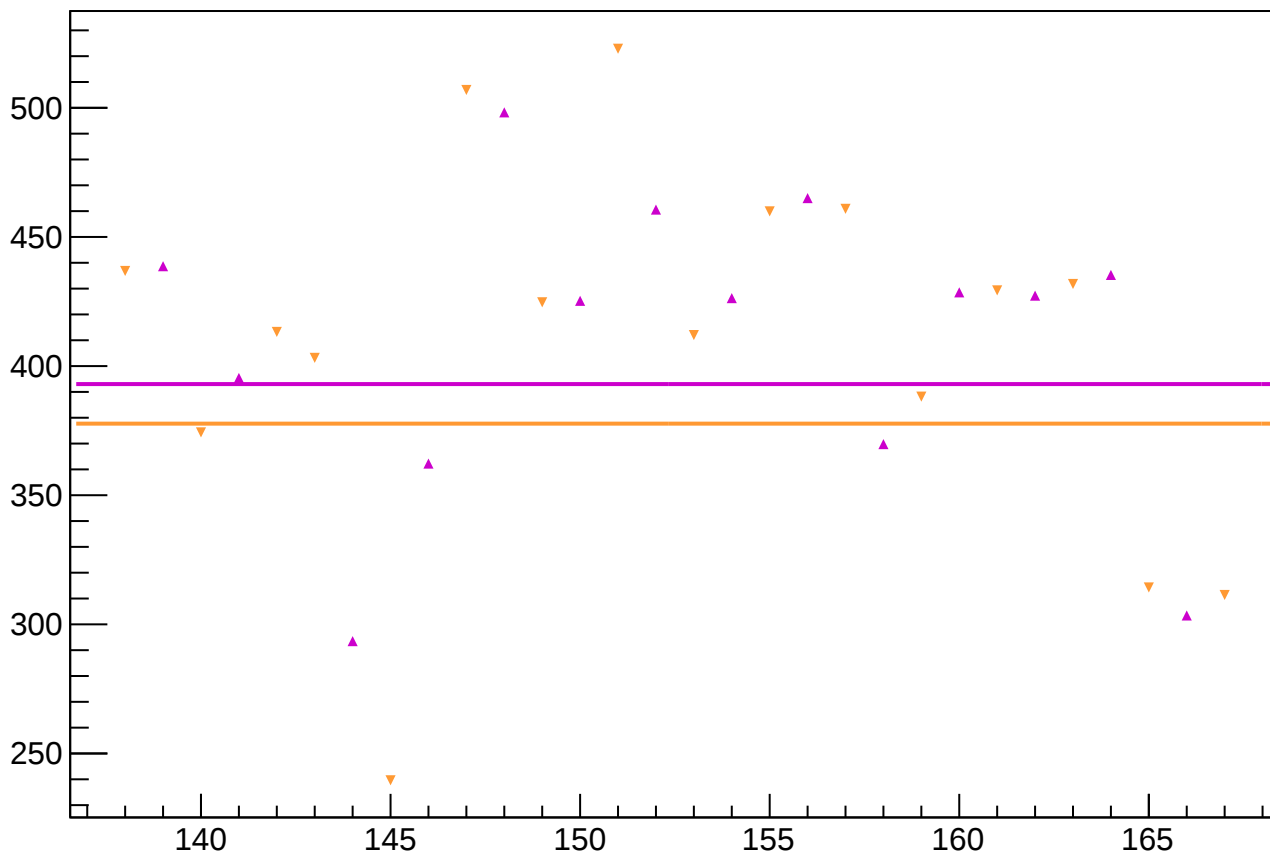
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.538+/-120.540 χ^2/NDF : 22.7/13

Out: 203.622+/-111.533 χ^2/NDF : 22.5/15

All: 205.428+/-81.865 χ^2/NDF : 45.1/29

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: 377.716+/-0.079 χ^2/NDF :1064812.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 393.034+/-0.085 χ^2/NDF :514746.9/13

Left: 384.781+/-0.058 χ^2/NDF : 1596957.8/29

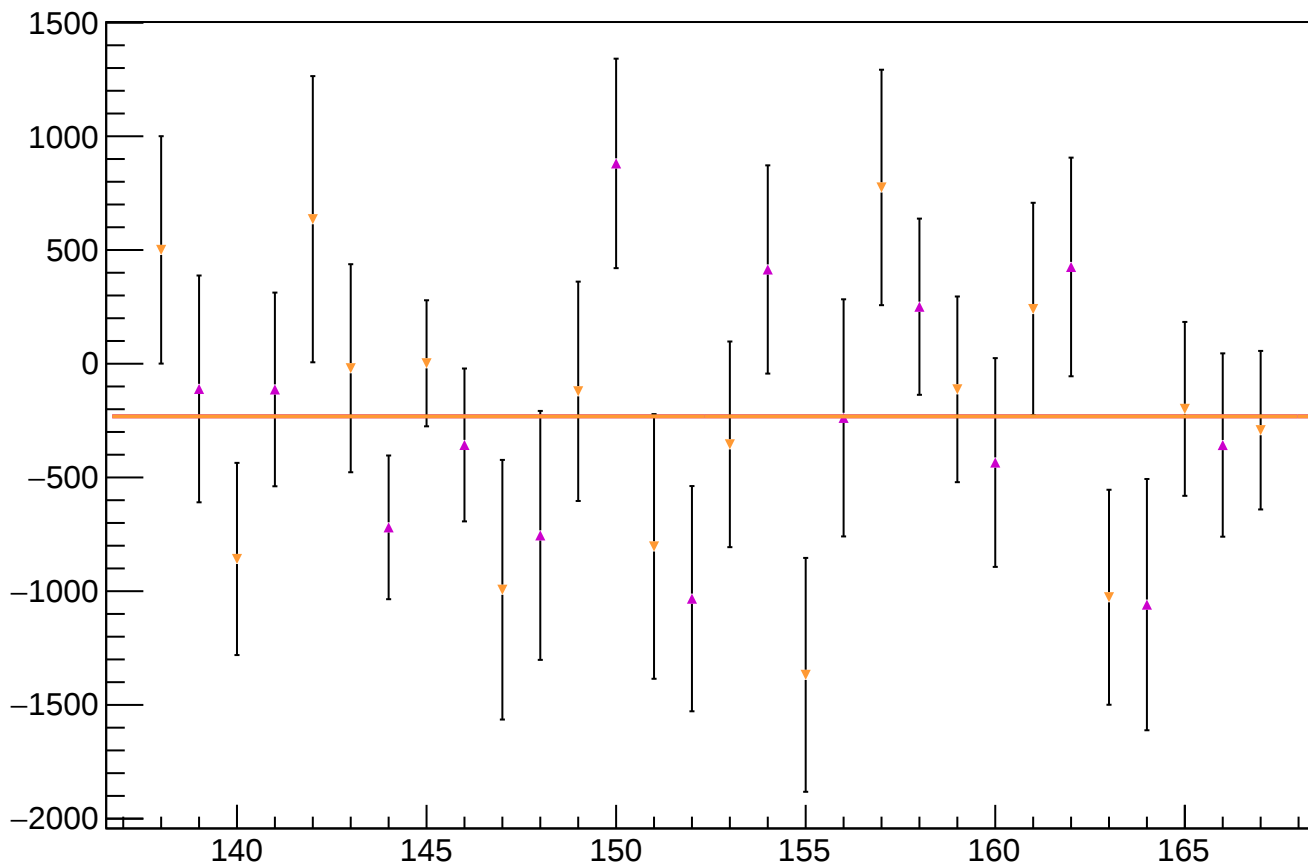
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 393.034+/-0.085 χ^2/NDF :514746.9/13

Out: 377.716+/-0.079 χ^2/NDF :1064812.1/15

All: 384.781+/-0.058 χ^2/NDF : 1596957.8/29

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.434+/-109.888 χ^2/NDF :22.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.057+/-116.104 χ^2/NDF :20.0/13

Left: -231.256+/-79.810 χ^2/NDF : 42.7/29

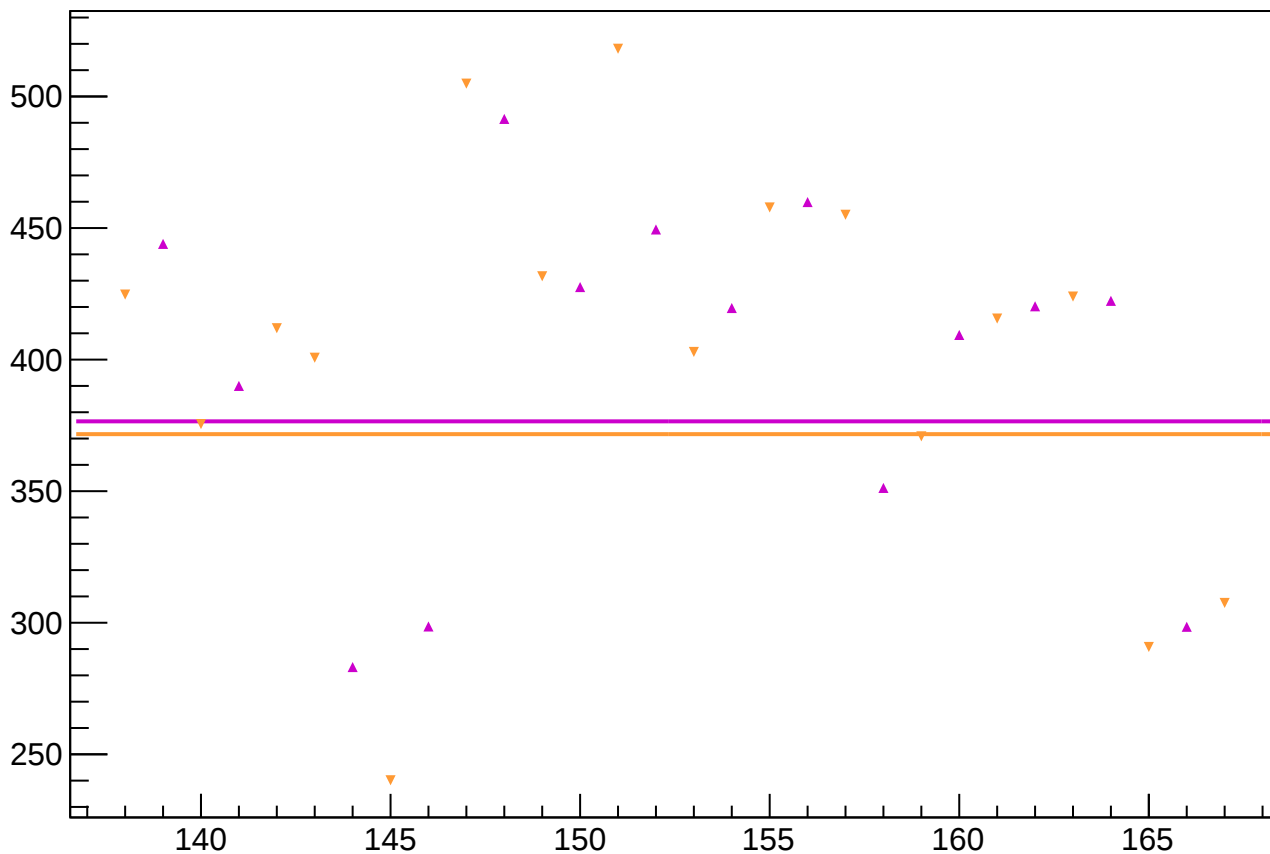
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.057+/-116.104 χ^2/NDF :20.0/13

Out: -231.434+/-109.888 χ^2/NDF :22.7/15

All: -231.256+/-79.810 χ^2/NDF : 42.7/29

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.673+/-0.078 χ^2/NDF :1073341.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.537+/-0.082 χ^2/NDF :670142.0/13

Left: 373.971+/-0.056 χ^2/NDF : 1745334.5/29

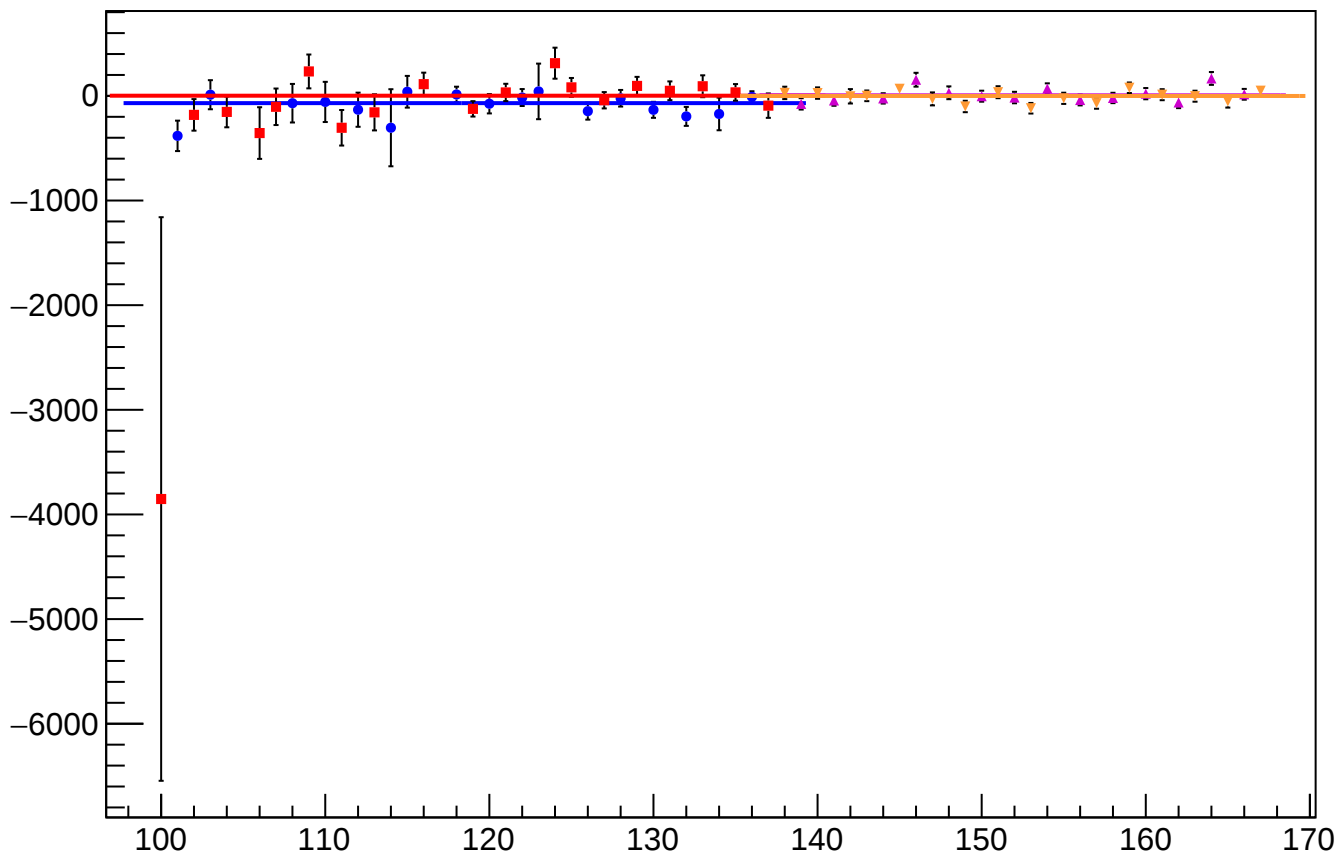
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.537+/-0.082 χ^2/NDF :670142.0/13

Out: 371.673+/-0.078 χ^2/NDF :1073341.2/15

All: 373.971+/-0.056 χ^2/NDF : 1745334.5/29

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: -0.811 ± 13.157 χ^2/NDF : 19.2/15

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 5.236 ± 14.390 χ^2/NDF : 20.2/13

Left: 1.942 ± 9.710 χ^2/NDF : 39.5/29

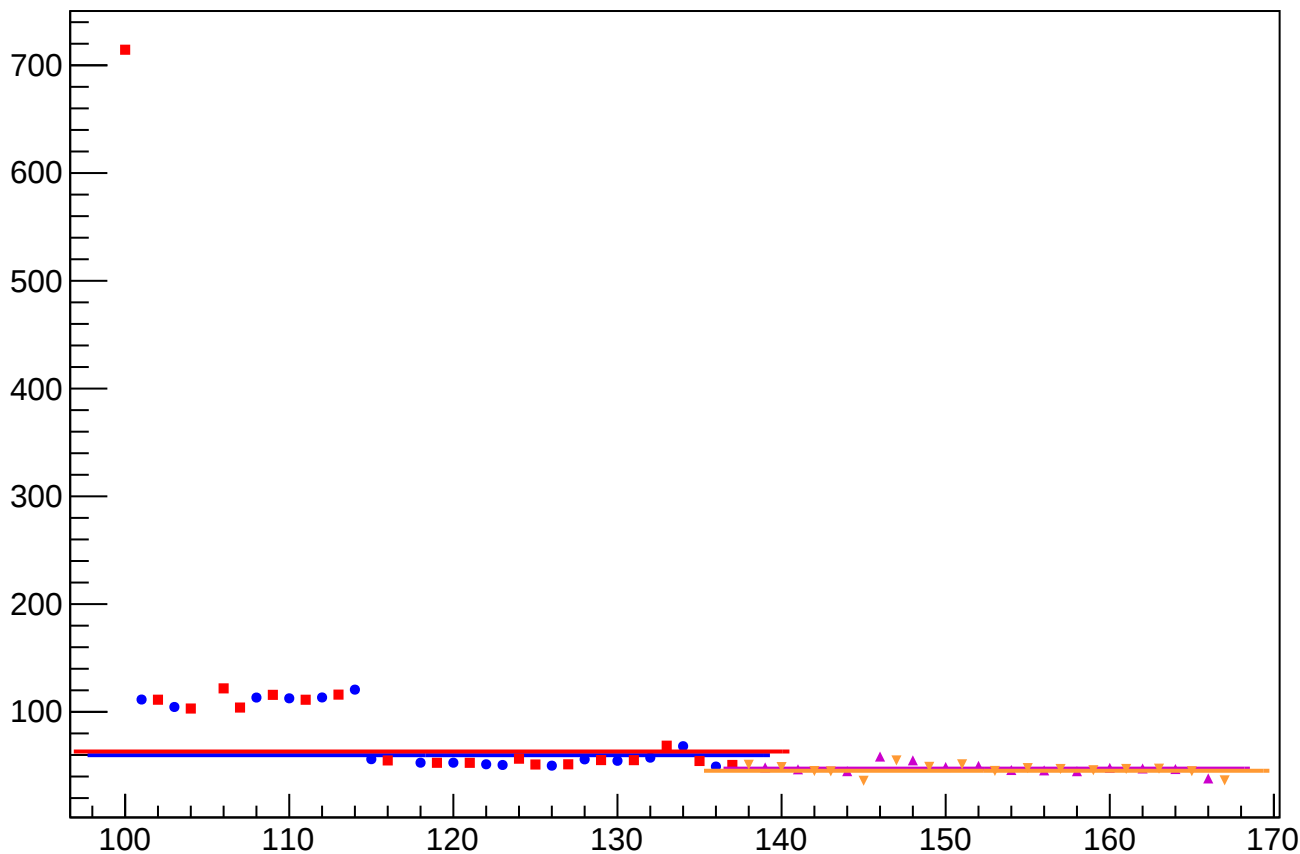
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -14.134 ± 12.376 χ^2/NDF : 40.7/30

Out: -0.263 ± 11.662 χ^2/NDF : 45.0/34

All: -6.786 ± 8.488 χ^2/NDF : 86.4/65

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 45.353+/-0.009 χ^2/NDF : 309846.1/15

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 47.323+/-0.010 χ^2/NDF : 171059.9/13

Left: 46.250+/-0.007 χ^2/NDF : 501328.2/29

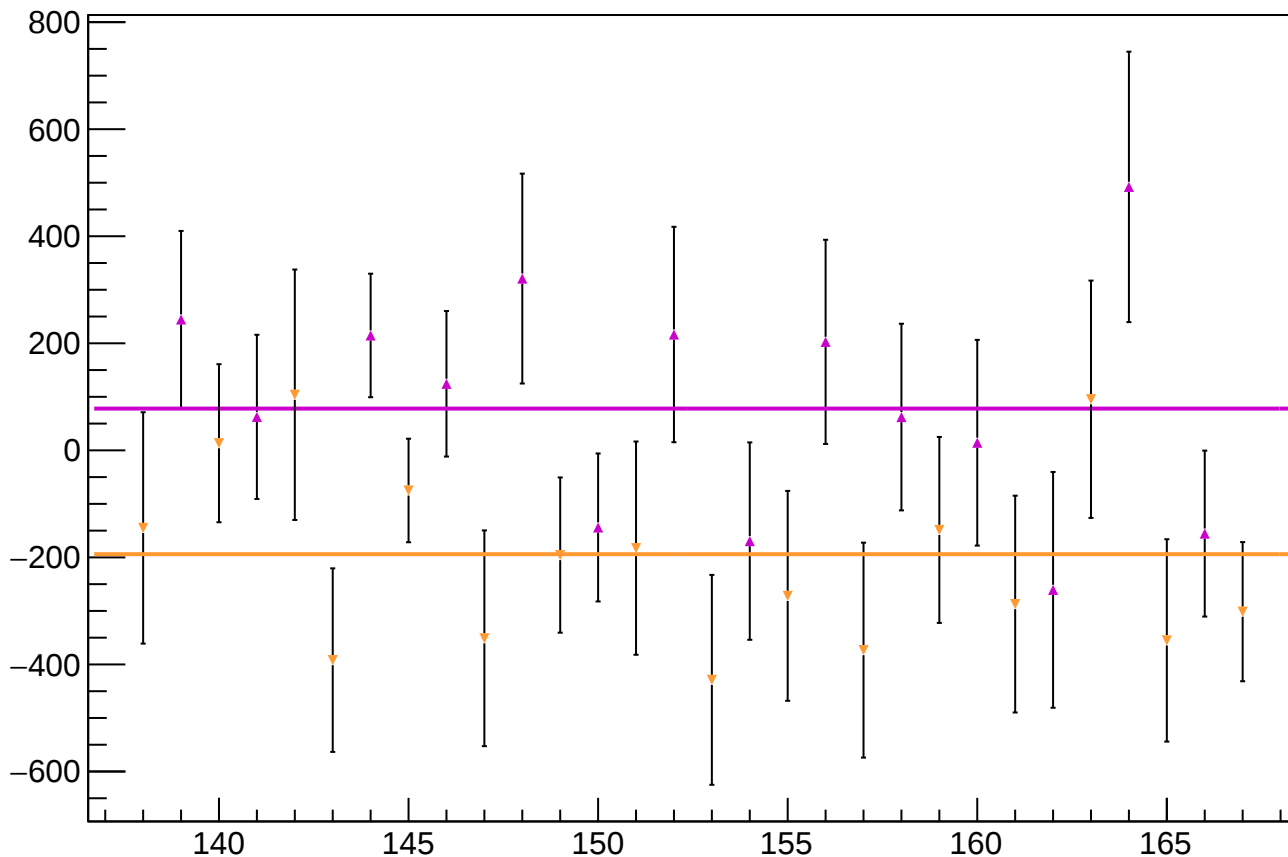
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 50.573+/-0.009 χ^2/NDF : 1792906.8/30

Out: 49.184+/-0.008 χ^2/NDF : 2605075.2/34

All: 49.837+/-0.006 χ^2/NDF : 4411317.8/65

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: -193.992+/-42.046 χ^2/NDF :12.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 78.017+/-44.449 χ^2/NDF :16.8/13

Left: -65.540+/-30.545 χ^2/NDF : 49.4/29

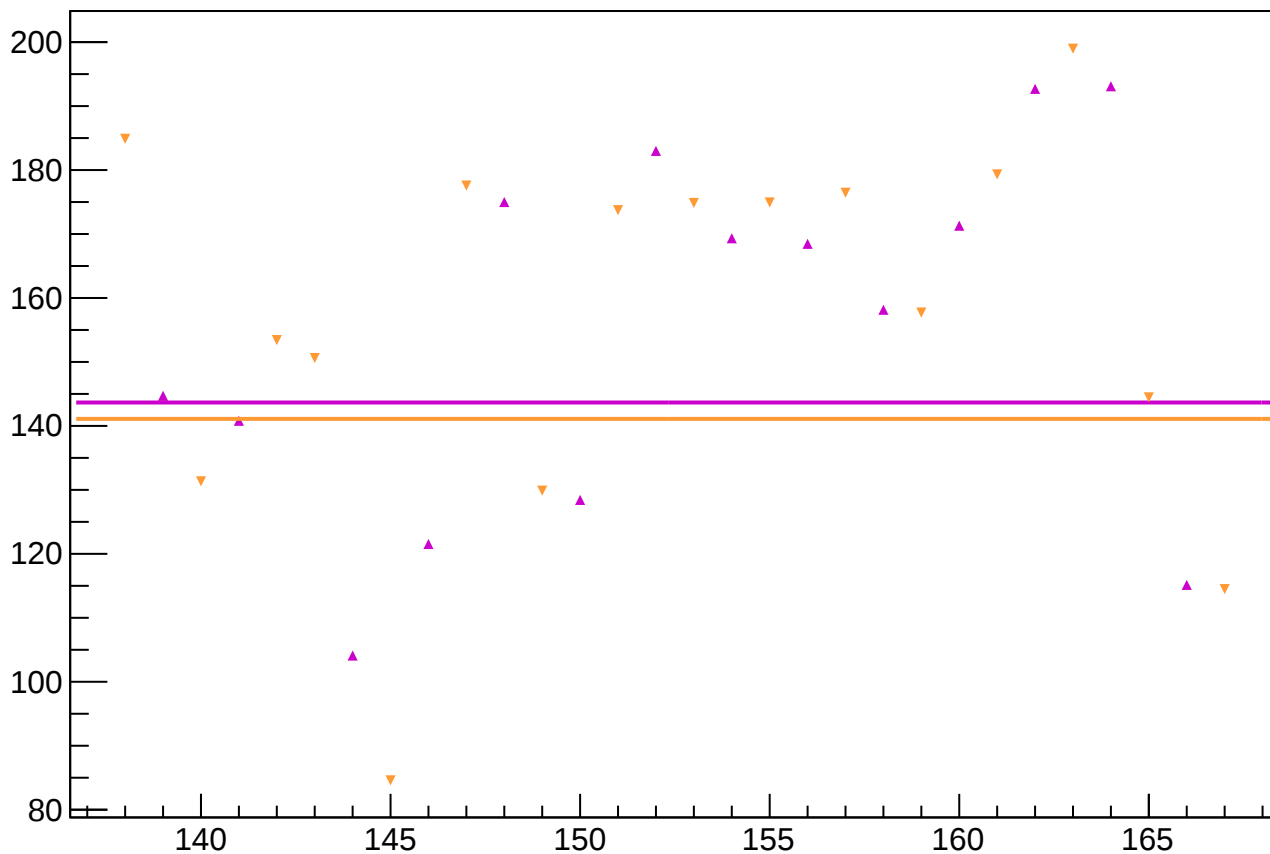
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.017+/-44.449 χ^2/NDF :16.8/13

Out: -193.992+/-42.046 χ^2/NDF :12.9/15

All: -65.540+/-30.545 χ^2/NDF : 49.4/29

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: 141.099+/-0.030 χ^2/NDF :1407443.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Left: 142.308+/-0.022 χ^2/NDF : 2222738.5/29

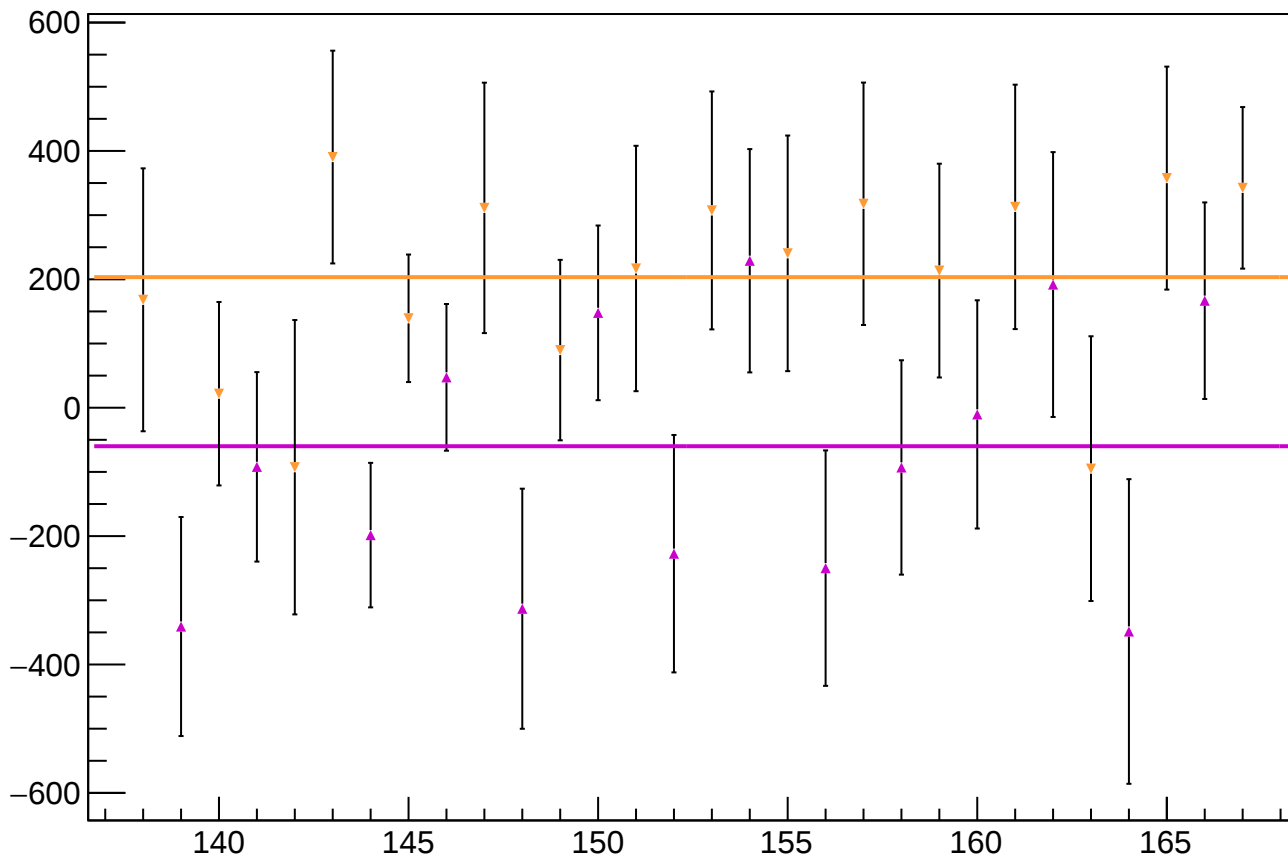
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Out: 141.099+/-0.030 χ^2/NDF :1407443.3/15

All: 142.308+/-0.022 χ^2/NDF : 2222738.5/29

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: 203.401 $\pm$ 40.681 χ^2 /NDF:11.1/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

Left: 76.492 $\pm$ 29.284 χ^2 /NDF: 50.6/29

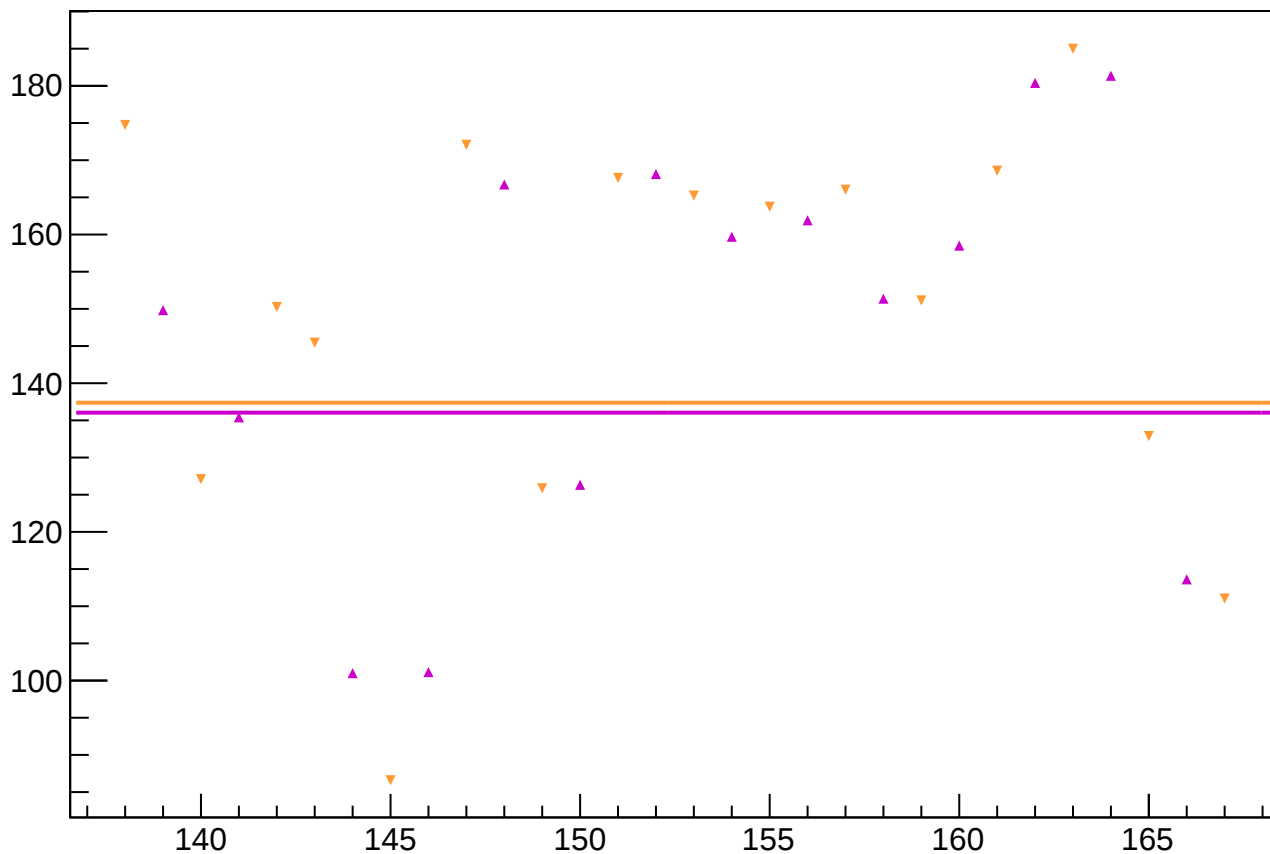
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

Out: 203.401 $\pm$ 40.681 χ^2 /NDF:11.1/15

All: 76.492 $\pm$ 29.284 χ^2 /NDF: 50.6/29

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.375+/-0.029 χ^2/NDF :1133241.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Left: 136.732+/-0.021 χ^2/NDF : 1986211.3/29

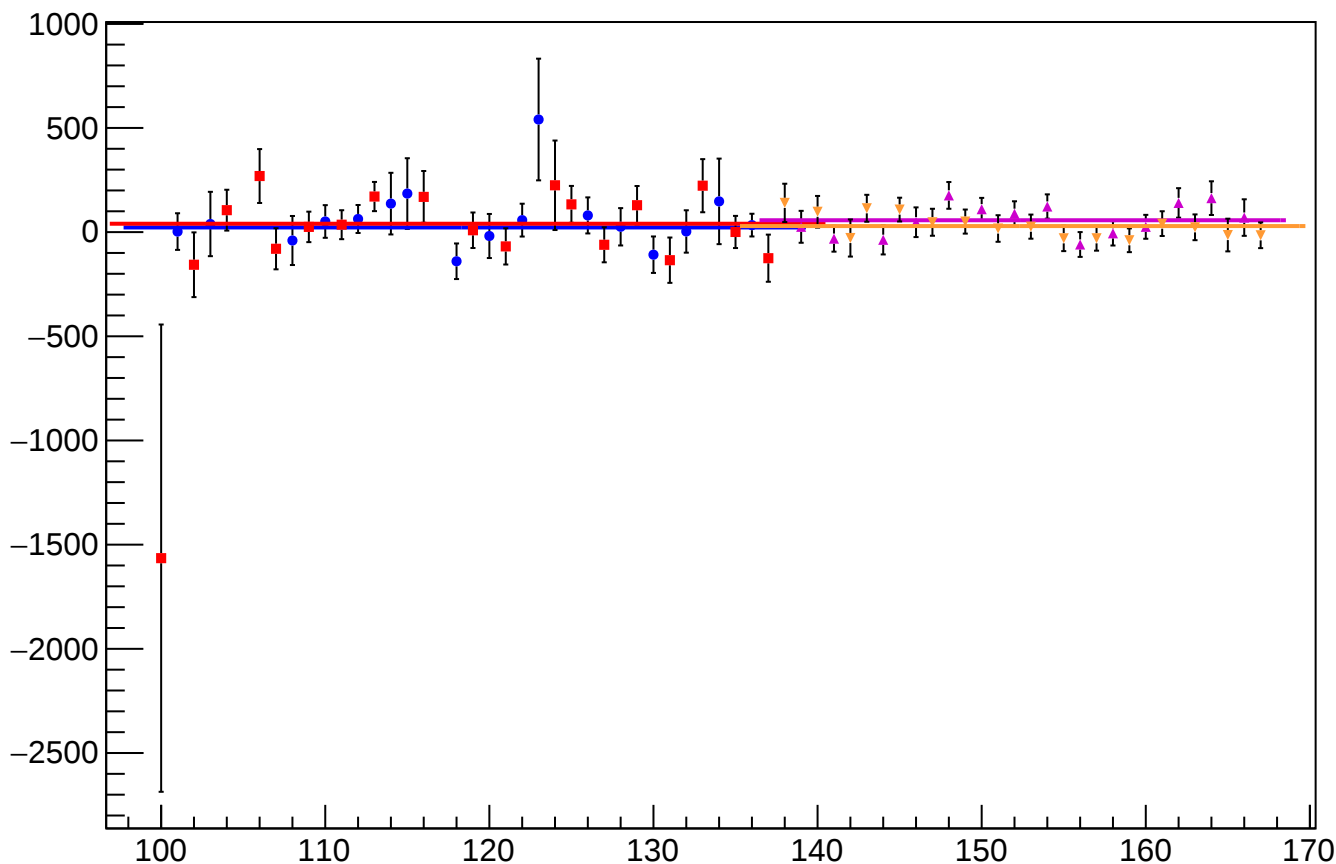
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Out: 137.375+/-0.029 χ^2/NDF :1133241.3/15

All: 136.732+/-0.021 χ^2/NDF : 1986211.3/29

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 29.036 $\pm$ 16.072 χ^2 /NDF:10.8/15

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 57.000 $\pm$ 17.299 χ^2 /NDF:18.3/13

Left: 41.991 $\pm$ 11.774 χ^2 /NDF: 30.5/29

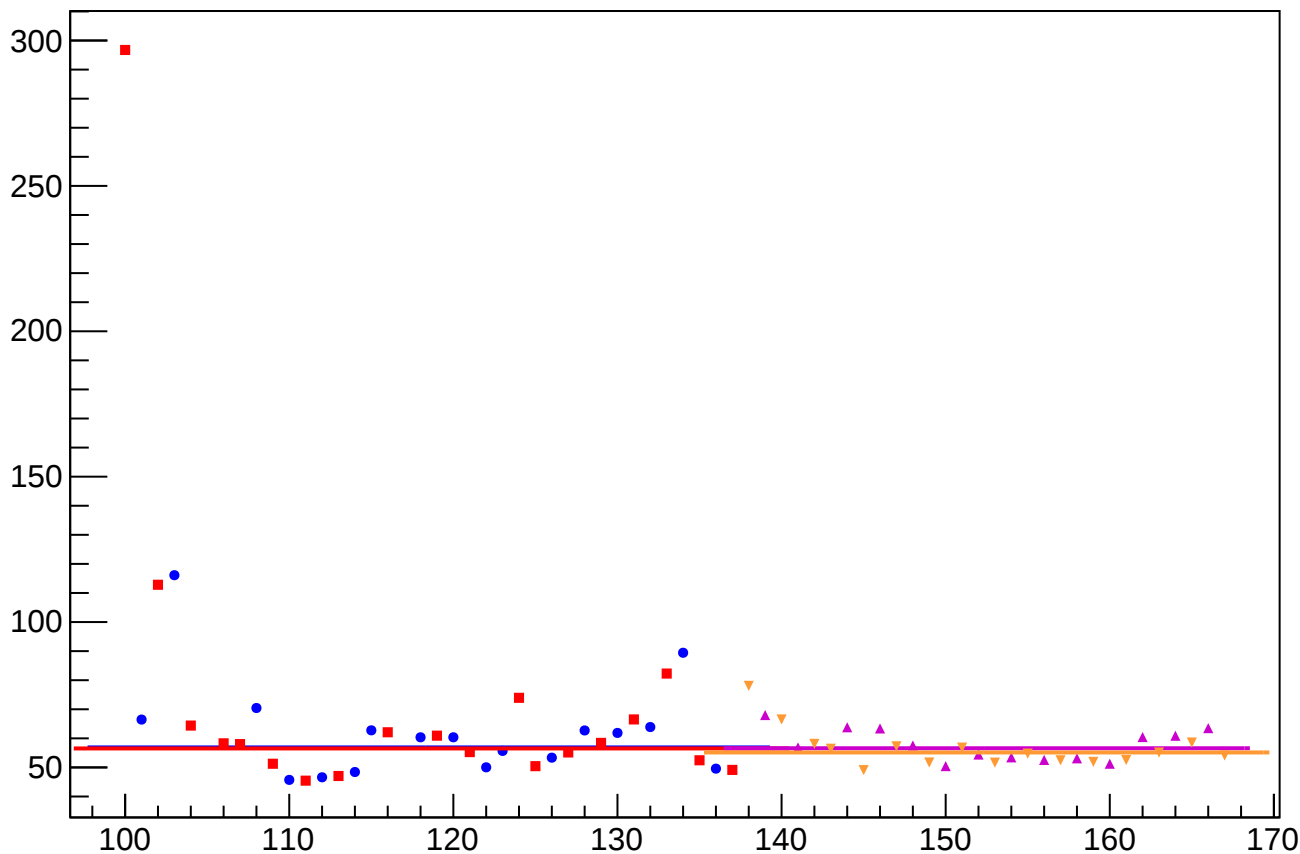
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 44.221 $\pm$ 13.742 χ^2 /NDF:32.4/30

Out: 32.905 $\pm$ 13.005 χ^2 /NDF:37.2/34

All: 38.251 $\pm$ 9.446 χ^2 /NDF: 70.0/65

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: 55.150 $\pm$ 0.011 χ^2 /NDF: 231356.8/15

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.597 $\pm$ 0.012 χ^2 /NDF: 175509.4/13

Left: 55.821 $\pm$ 0.008 χ^2 /NDF: 414373.5/29

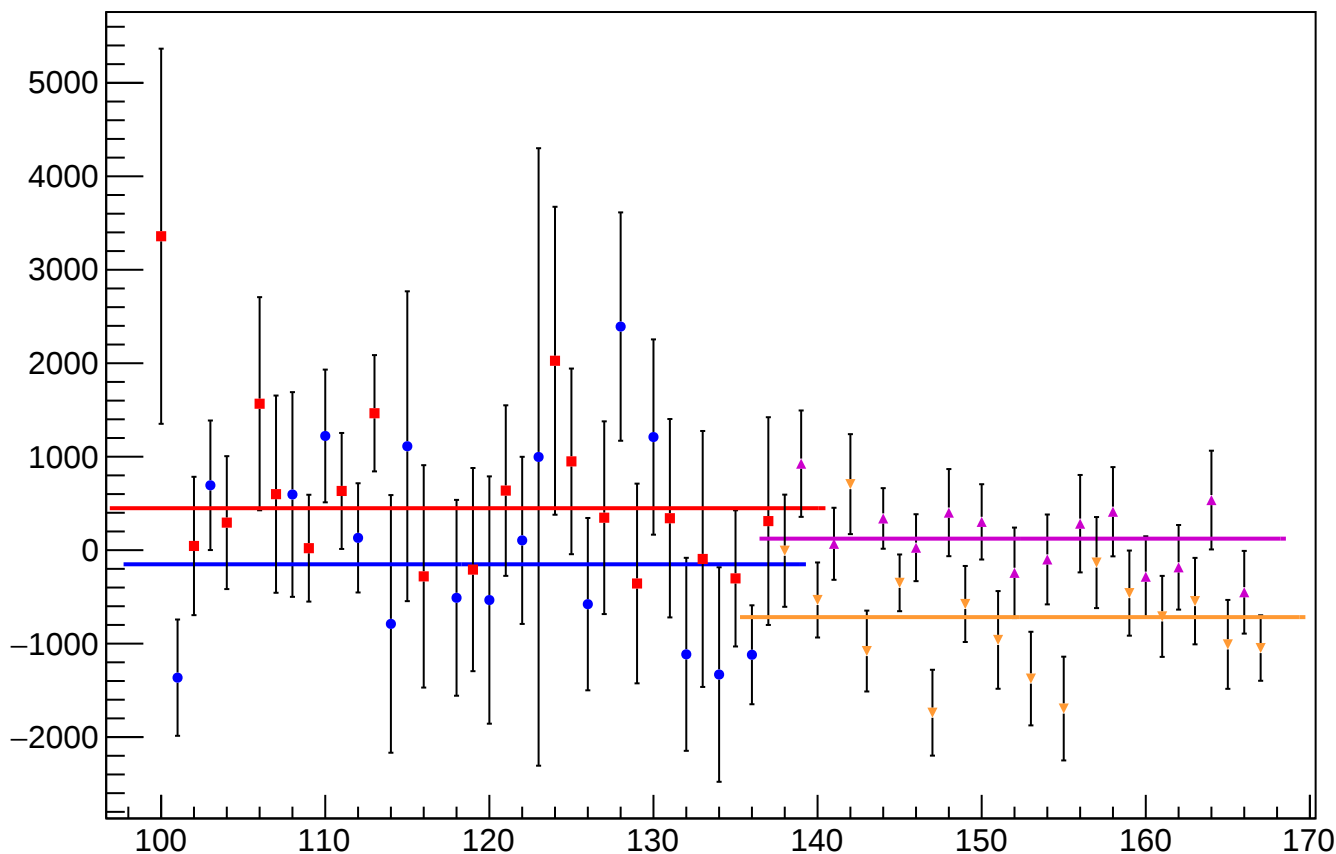
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.701 $\pm$ 0.010 χ^2 /NDF: 751192.1/30

Out: 55.626 $\pm$ 0.009 χ^2 /NDF: 848701.4/34

All: 56.134 $\pm$ 0.007 χ^2 /NDF: 1606351.0/65

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -716.456+/-110.456 χ^2/NDF :24.1/15

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 123.155+/-116.650 χ^2/NDF :8.0/13

Left: -319.533+/-80.204 χ^2/NDF : 59.4/29

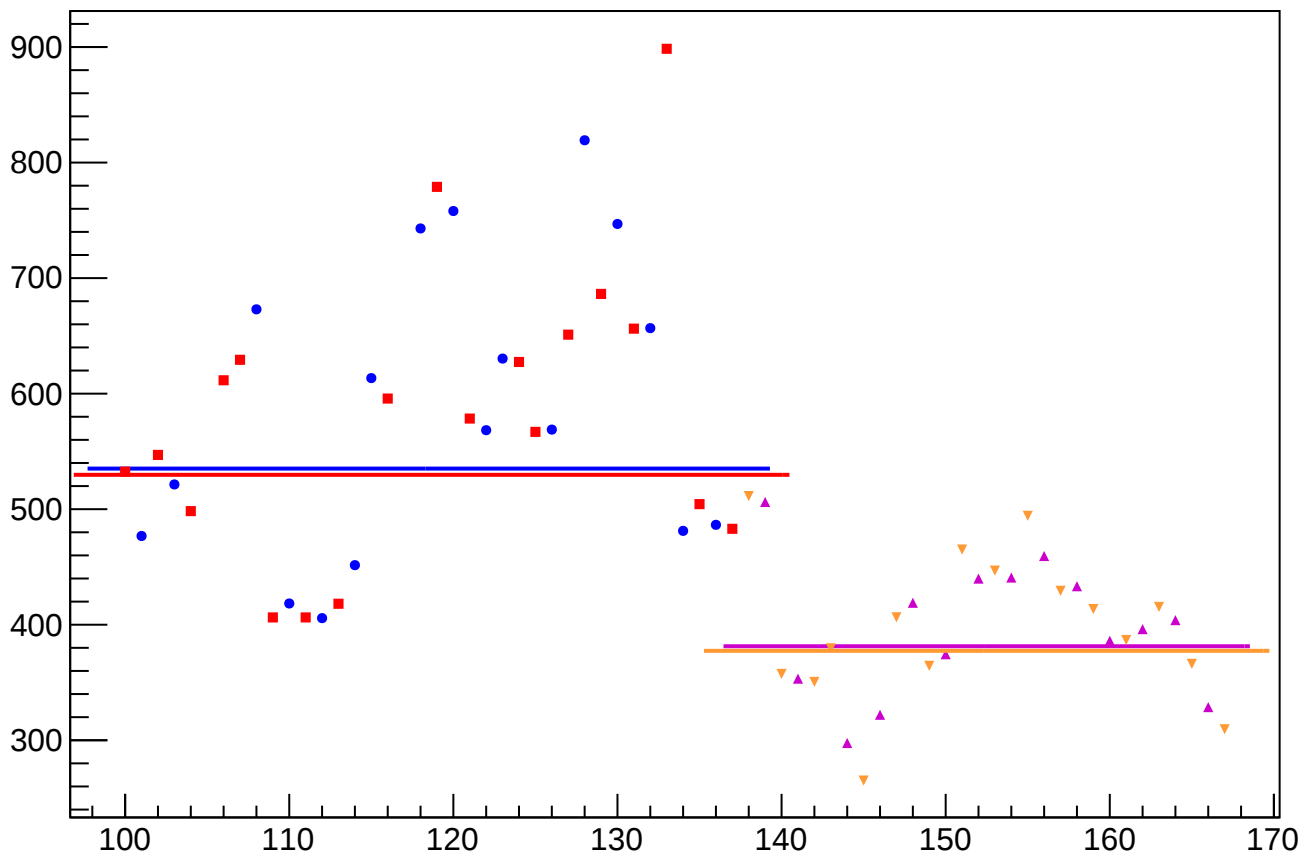
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 59.603+/-102.250 χ^2/NDF :31.7/30

Out: -452.256+/-97.131 χ^2/NDF :59.9/34

All: -209.459+/-70.422 χ^2/NDF : 104.8/65

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 377.402 $\pm$ 0.078 χ^2 /NDF: 703078.6/15

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 381.370 $\pm$ 0.082 χ^2 /NDF: 471646.5/13

Left: 379.278 $\pm$ 0.057 χ^2 /NDF: 1175945.3/29

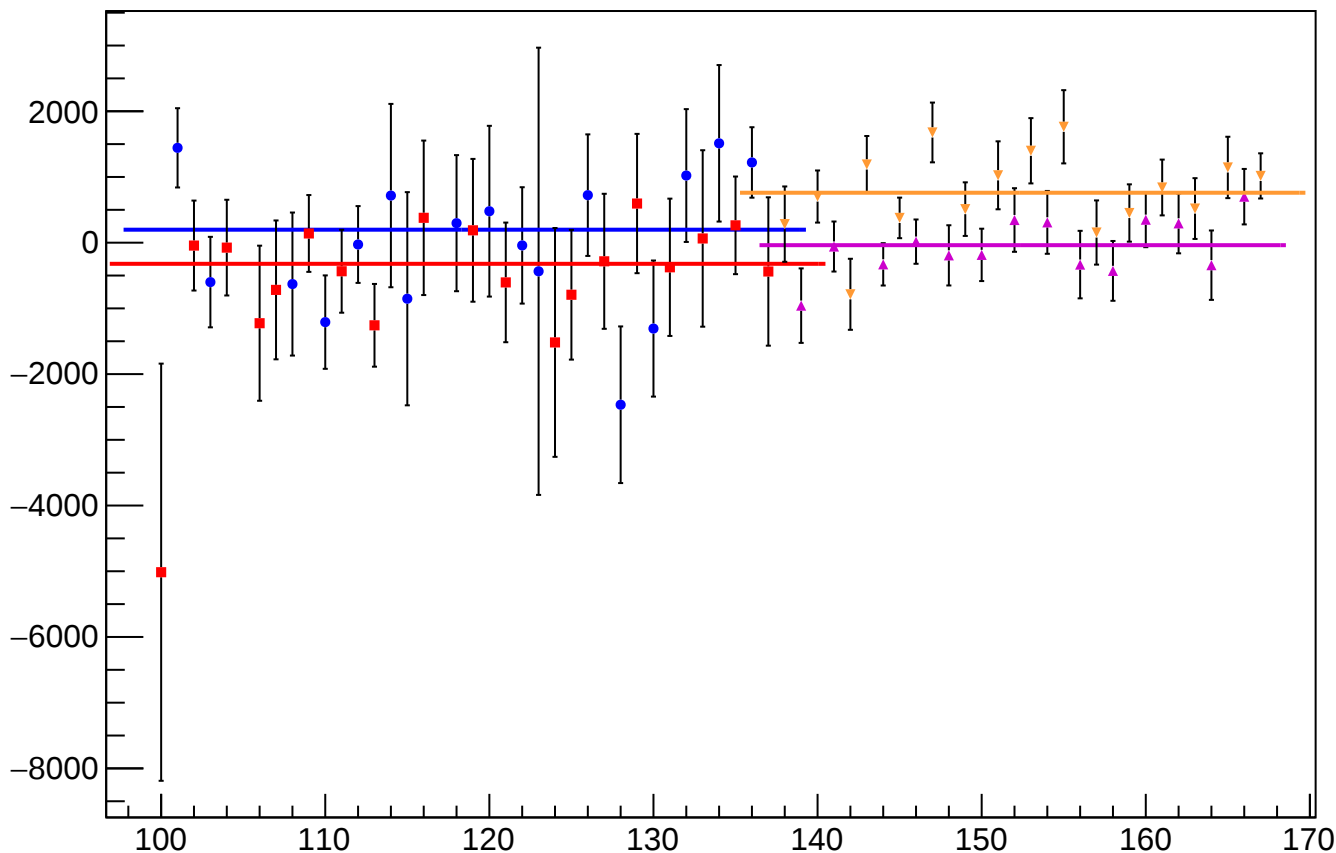
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 416.989 $\pm$ 0.072 χ^2 /NDF: 1872770.7/30

Out: 411.940 $\pm$ 0.069 χ^2 /NDF: 2212354.4/34

All: 414.335 $\pm$ 0.050 χ^2 /NDF: 4087689.2/65

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 759.977 $\pm$ 109.611 χ^2 /NDF:24.6/15

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -38.016 $\pm$ 114.333 χ^2 /NDF:10.7/13

Left: 377.799 $\pm$ 79.123 χ^2 /NDF: 60.7/29

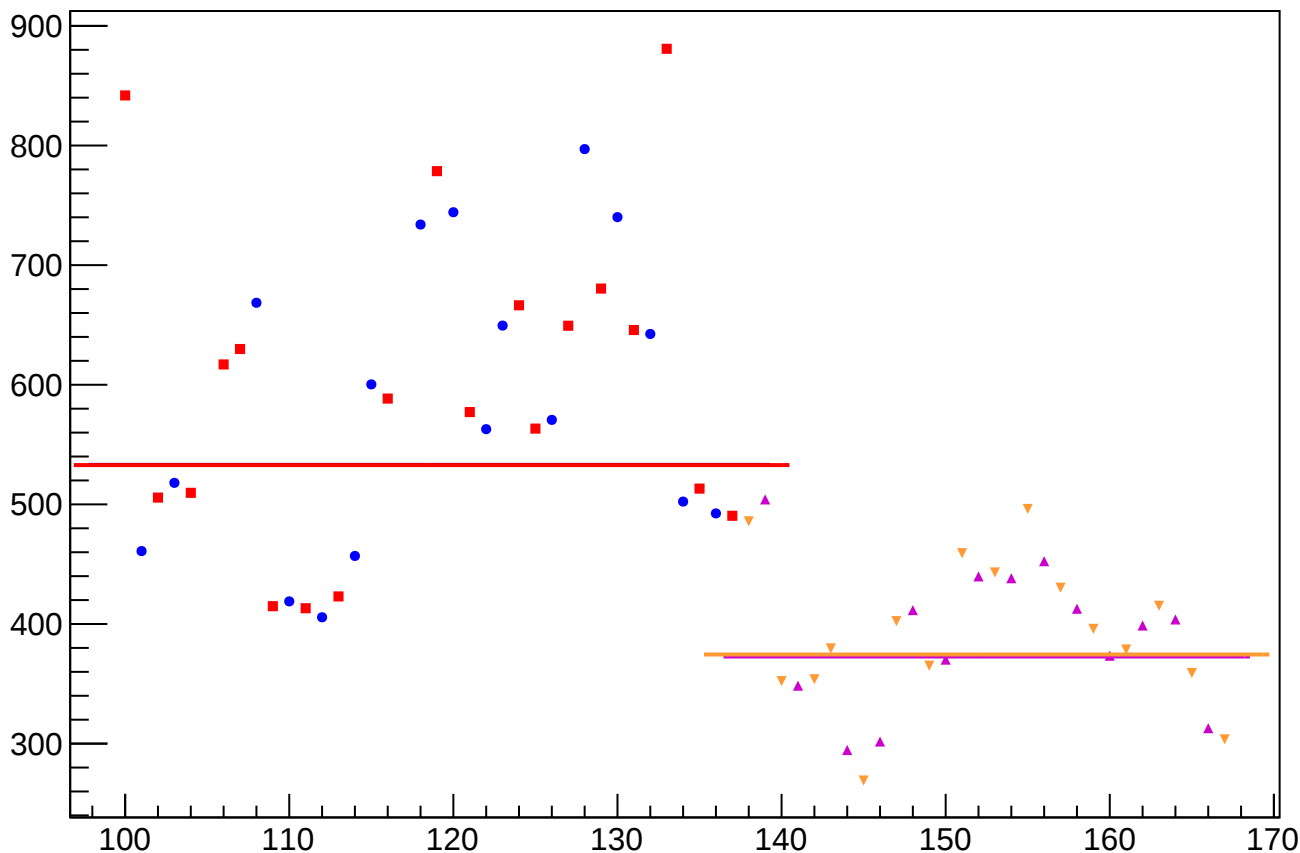
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 15.266 $\pm$ 100.575 χ^2 /NDF:35.6/30

Out: 520.010 $\pm$ 96.689 χ^2 /NDF:55.1/34

All: 277.577 $\pm$ 69.703 χ^2 /NDF: 103.8/65

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 374.519+/-0.078 χ^2/NDF : 647819.7/15

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 372.834+/-0.081 χ^2/NDF : 529584.9/13

Left: 373.712+/-0.056 χ^2/NDF : 1177631.0/29

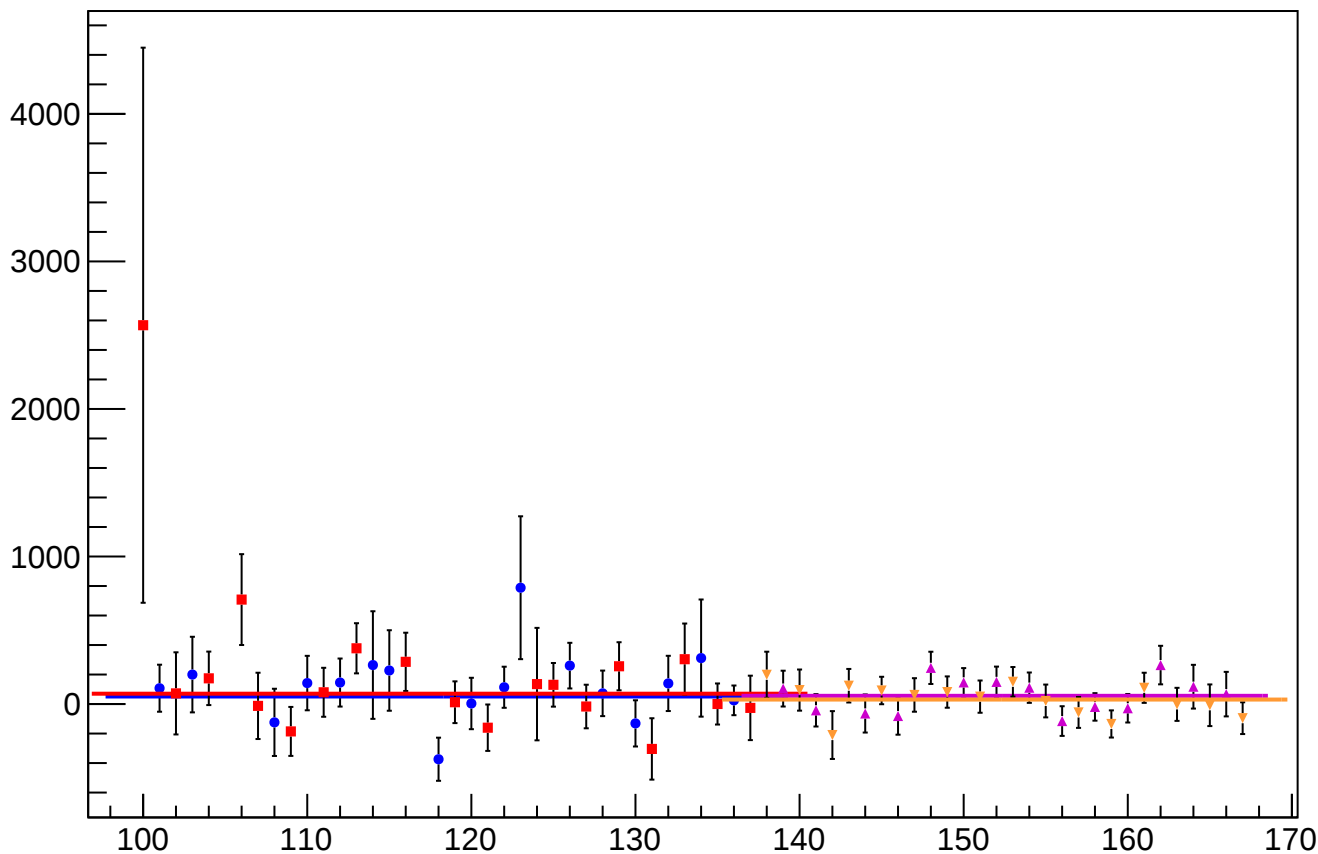
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 409.066+/-0.071 χ^2/NDF : 1984504.9/30

Out: 409.650+/-0.068 χ^2/NDF : 2190756.9/34

All: 409.370+/-0.049 χ^2/NDF : 4175296.8/65

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 30.363 $\pm$ 28.006 χ^2 /NDF:12.5/15

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 55.673 $\pm$ 29.882 χ^2 /NDF:15.0/13

Left: 42.199 $\pm$ 20.434 χ^2 /NDF: 27.9/29

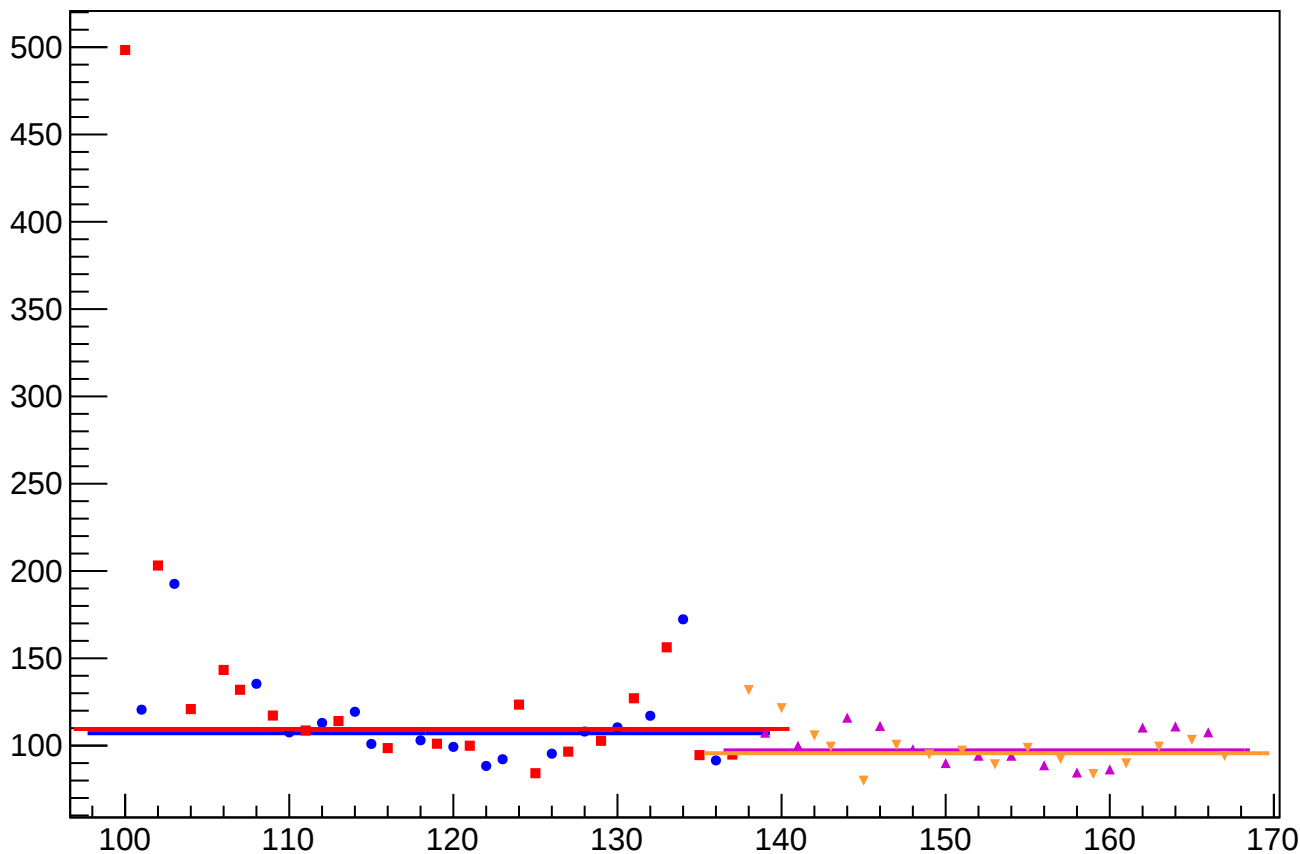
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 54.178 $\pm$ 24.429 χ^2 /NDF:32.4/30

Out: 42.271 $\pm$ 23.434 χ^2 /NDF:35.3/34

All: 47.977 $\pm$ 16.911 χ^2 /NDF: 67.8/65

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: 95.640 $\pm$ 0.020 χ^2 /NDF:306663.8/15

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 97.277 $\pm$ 0.021 χ^2 /NDF:219674.9/13

Left: 96.405 $\pm$ 0.014 χ^2 /NDF: 529533.0/29

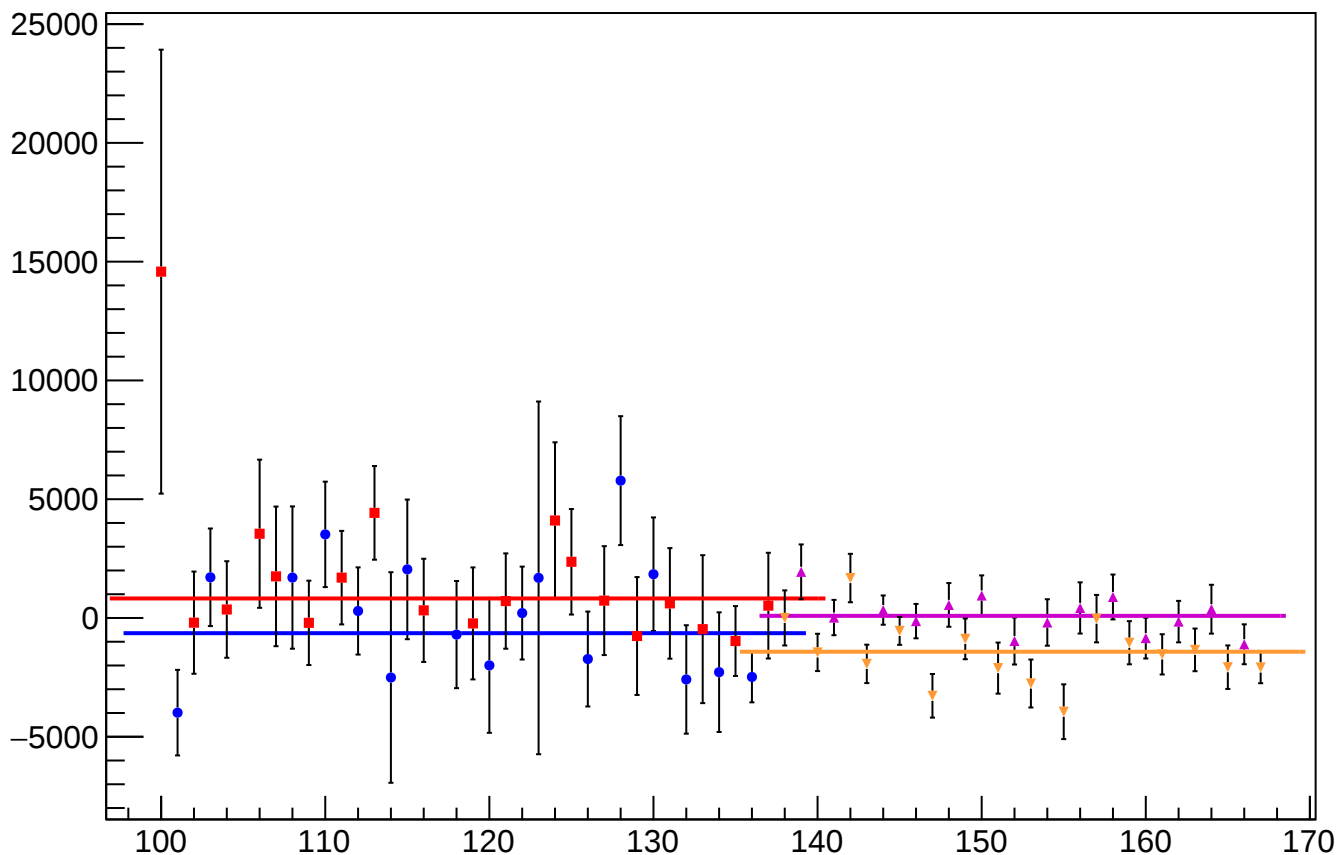
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.533 $\pm$ 0.017 χ^2 /NDF:729030.6/30

Out: 99.805 $\pm$ 0.017 χ^2 /NDF:1045729.4/34

All: 100.154 $\pm$ 0.012 χ^2 /NDF: 1775683.8/65

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1420.724+/-217.086 χ^2/NDF :28.5/15

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 89.806+/-230.864 χ^2/NDF :9.5/13

Left: -711.878+/-158.150 χ^2/NDF : 60.7/29

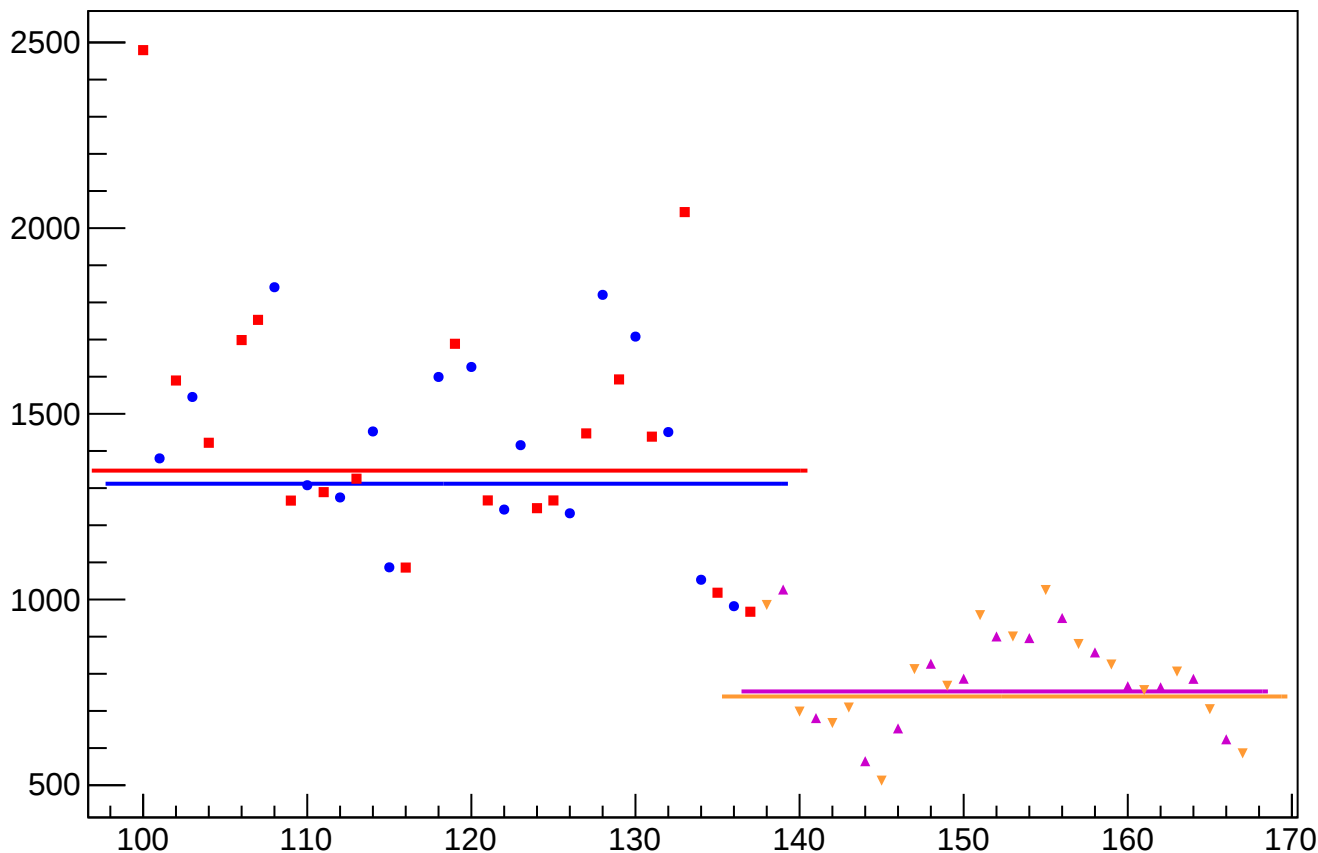
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -30.626+/-210.953 χ^2/NDF :32.9/30

Out: -1083.170+/-200.079 χ^2/NDF :55.6/34

All: -584.725+/-145.169 χ^2/NDF : 101.6/65

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 738.891 $\pm$ 0.154 χ^2 /NDF: 858690.0/15

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 752.513 $\pm$ 0.163 χ^2 /NDF: 602206.4/13

Left: 745.284 $\pm$ 0.112 χ^2 /NDF: 1464592.1/29

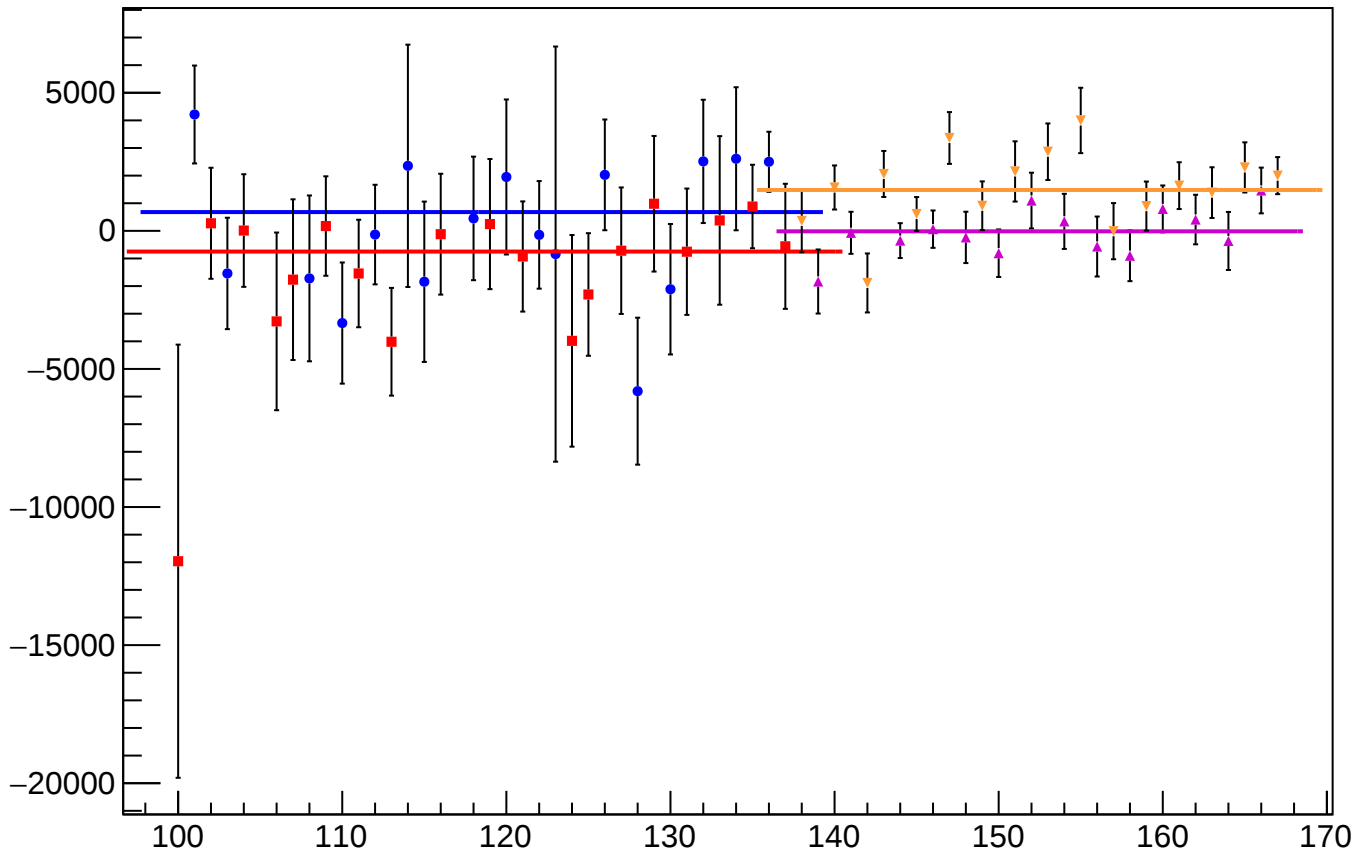
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 844.825 $\pm$ 0.149 χ^2 /NDF: 3052196.6/30

Out: 830.457 $\pm$ 0.141 χ^2 /NDF: 3712715.0/34

All: 837.261 $\pm$ 0.103 χ^2 /NDF: 6769795.3/65

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2/NDF : 22.6/16

Left Out: 1480.514 $\pm$ 220.899 χ^2/NDF : 28.6/15

Right Out: -749.718 $\pm$ 516.198 χ^2/NDF : 9.7/18

Left In: -16.782 $\pm$ 231.415 χ^2/NDF : 10.6/13

Left: 766.657 $\pm$ 159.787 χ^2/NDF : 61.2/29

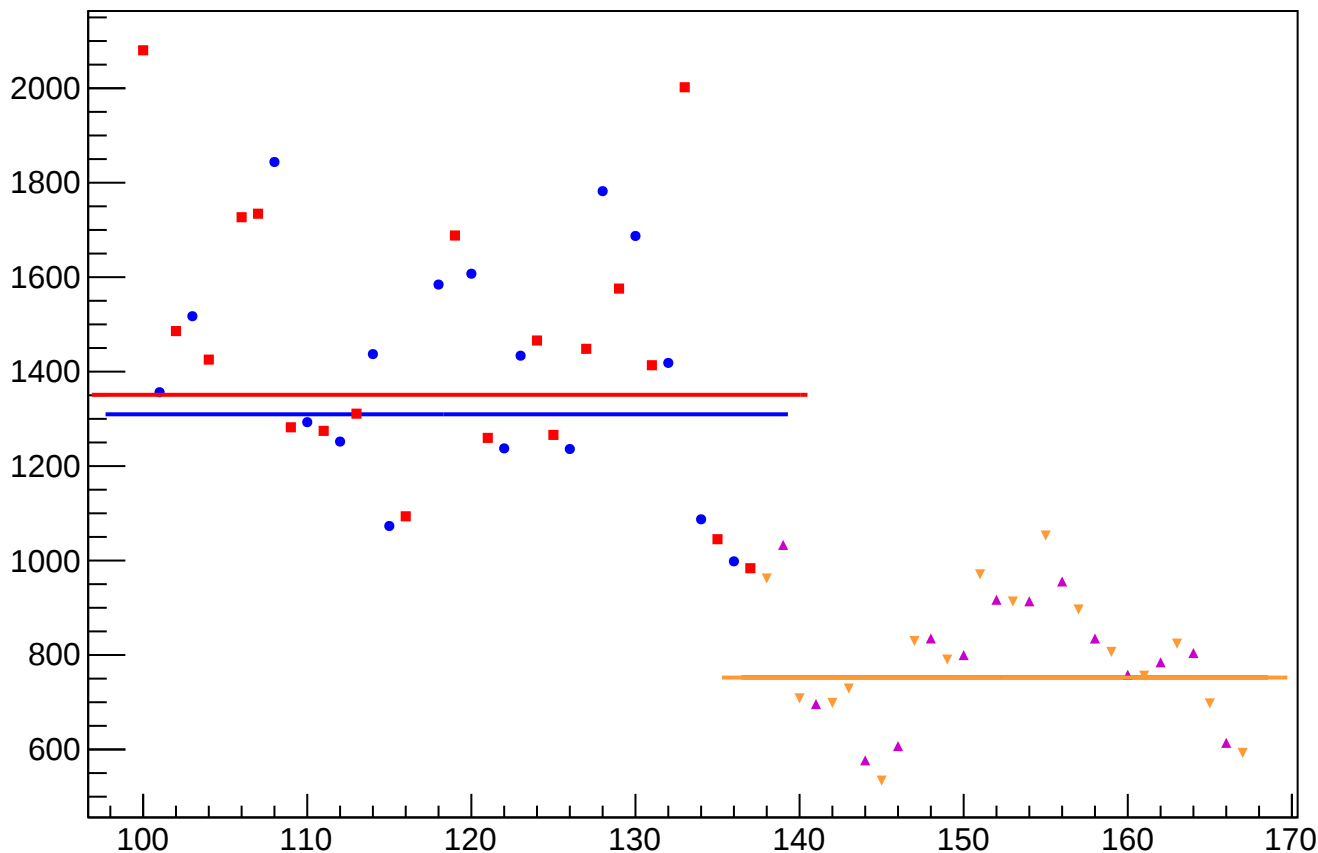
Right: -36.709 $\pm$ 365.469 χ^2/NDF : 36.1/35

In: 99.318 $\pm$ 211.255 χ^2/NDF : 34.7/30

Out: 1135.311 $\pm$ 203.085 χ^2/NDF : 54.1/34

All: 637.735 $\pm$ 146.406 χ^2/NDF : 101.3/65

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 752.251 $\pm$ 0.156 χ^2 /NDF: 789933.3/15

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 752.487 $\pm$ 0.164 χ^2 /NDF: 651530.7/13

Left: 752.364 $\pm$ 0.113 χ^2 /NDF: 1441465.1/29

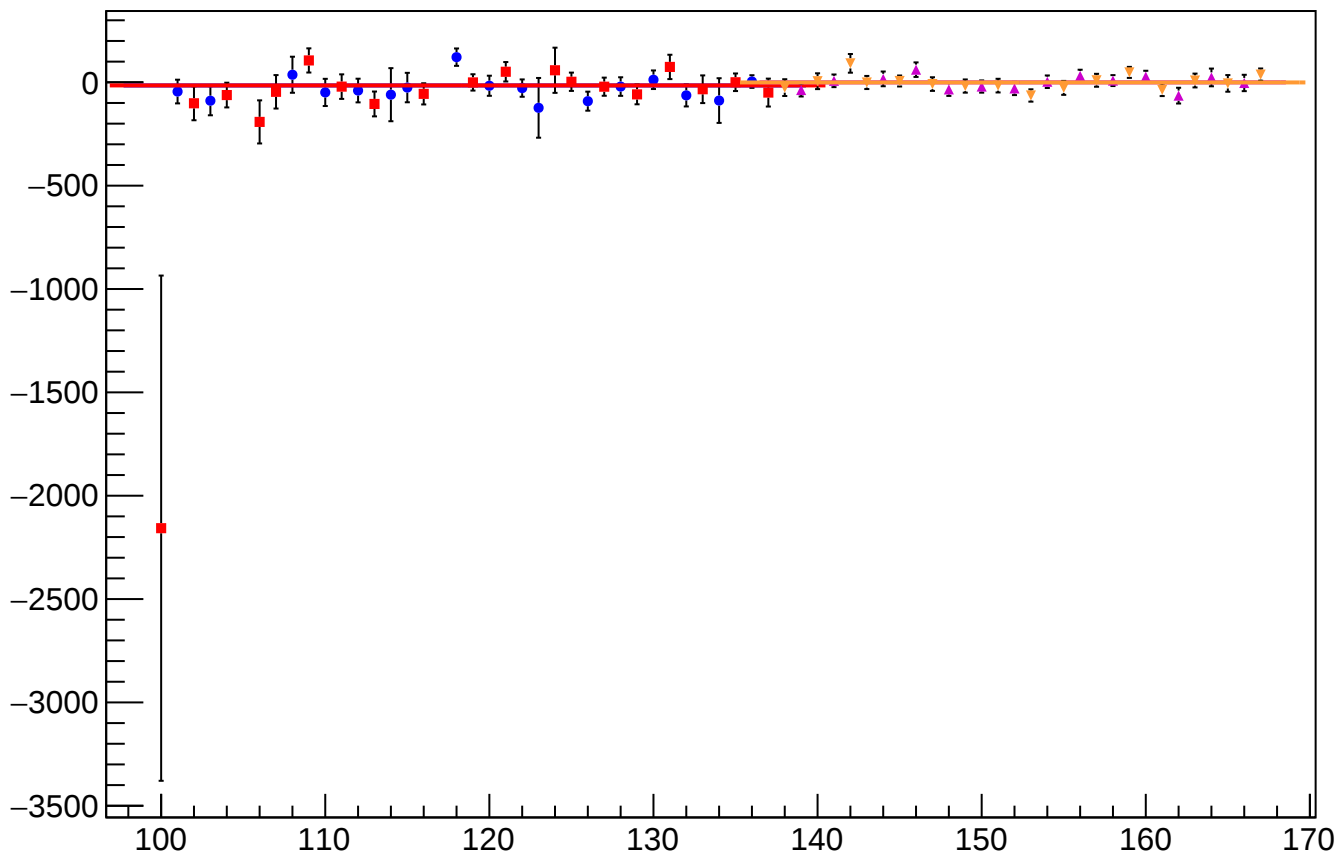
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 845.334 $\pm$ 0.149 χ^2 /NDF: 3042808.1/30

Out: 844.918 $\pm$ 0.144 χ^2 /NDF: 3486559.9/34

All: 845.118 $\pm$ 0.104 χ^2 /NDF: 6529372.1/65

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: -0.652 ± 8.117 χ^2/NDF : 16.8/15

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -0.280 ± 8.582 χ^2/NDF : 12.6/13

Left: -0.476 ± 5.897 χ^2/NDF : 29.4/29

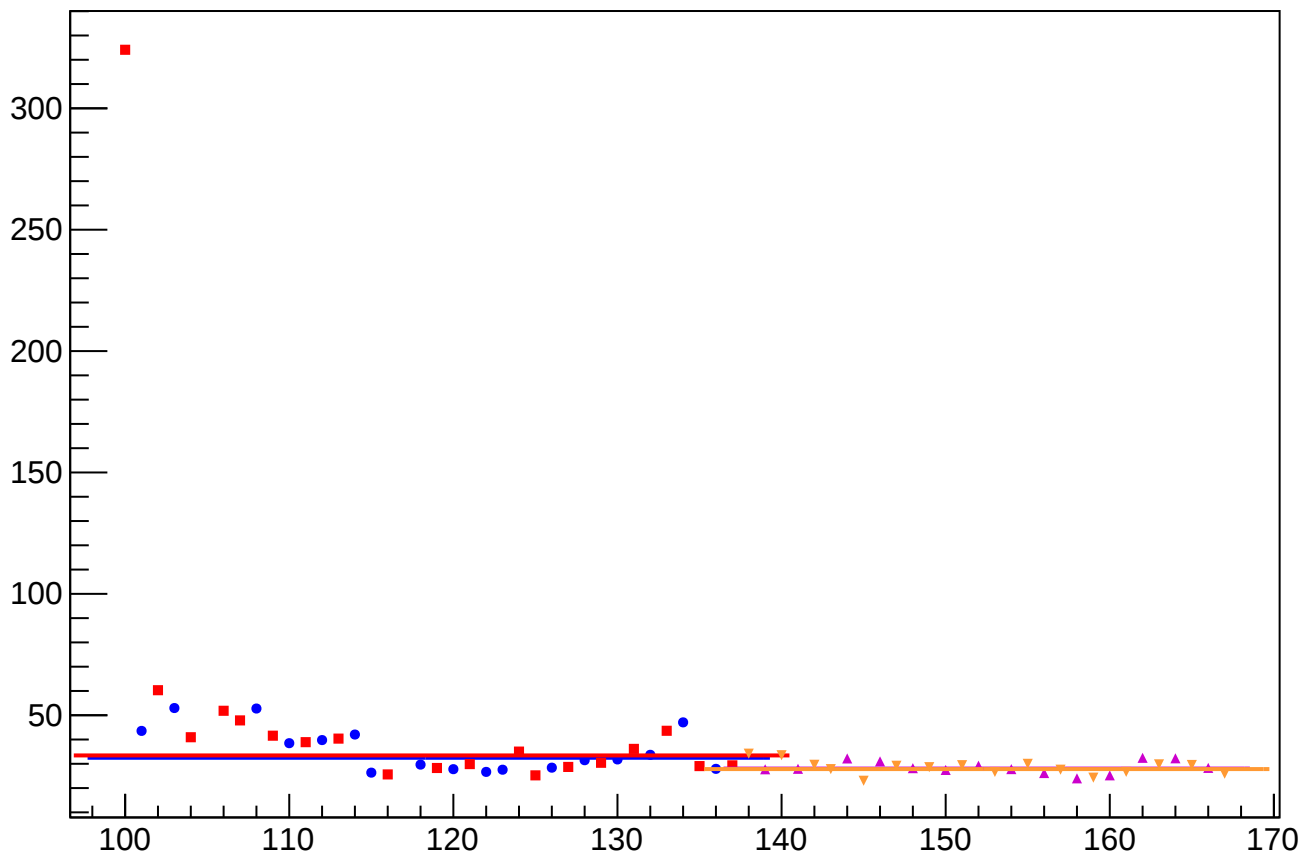
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -4.879 ± 7.146 χ^2/NDF : 31.8/30

Out: -4.657 ± 6.899 χ^2/NDF : 39.0/34

All: -4.764 ± 4.964 χ^2/NDF : 70.8/65

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.823+/-0.006 χ^2/NDF : 239358.7/15

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 28.027+/-0.006 χ^2/NDF : 165419.2/13

Left: 27.919+/-0.004 χ^2/NDF : 405378.3/29

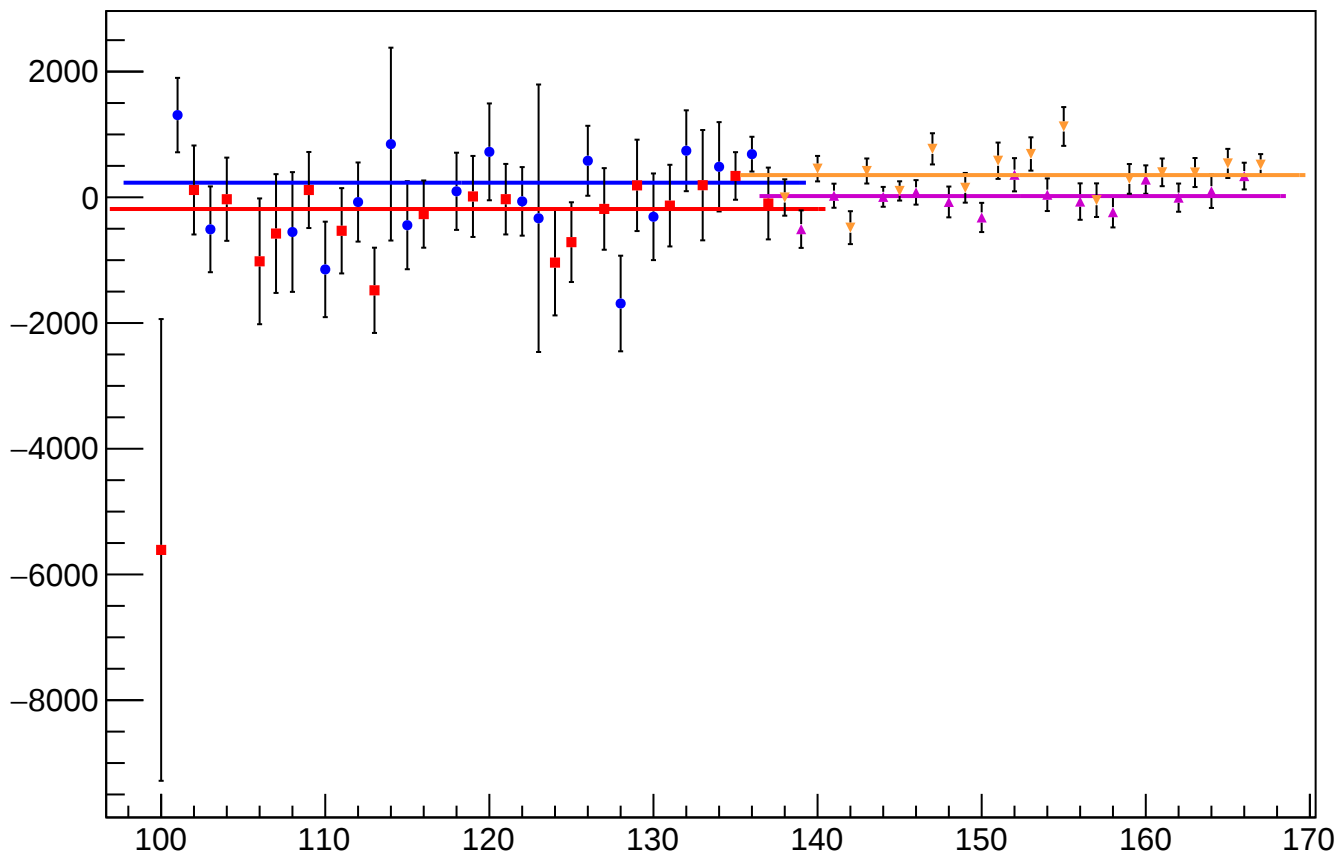
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.395+/-0.005 χ^2/NDF : 925627.3/30

Out: 29.383+/-0.005 χ^2/NDF : 1343944.4/34

All: 29.389+/-0.004 χ^2/NDF : 2269574.7/65

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: 353.506 $\pm$ 56.370 χ^2 /NDF:30.8/15

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: 19.604 $\pm$ 60.437 χ^2 /NDF:12.0/13

Left: 198.166 $\pm$ 41.222 χ^2 /NDF: 59.2/29

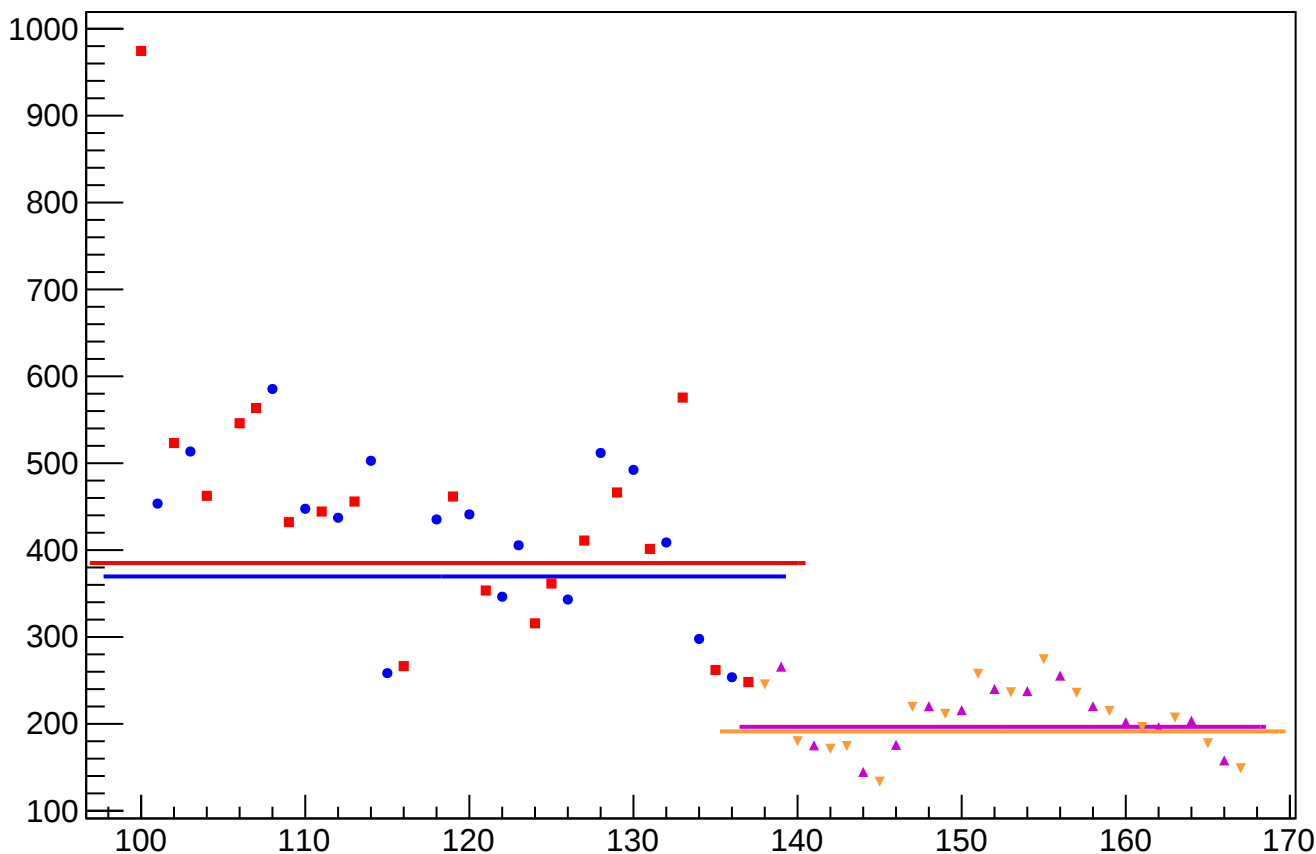
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 49.794 $\pm$ 55.984 χ^2 /NDF:35.3/30

Out: 286.623 $\pm$ 52.762 χ^2 /NDF:54.0/34

All: 175.221 $\pm$ 38.397 χ^2 /NDF: 98.7/65

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 191.371+/-0.040 χ^2/NDF : 955169.5/15

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 196.637+/-0.043 χ^2/NDF : 678381.1/13

Left: 193.820+/-0.029 χ^2/NDF : 1641671.2/29

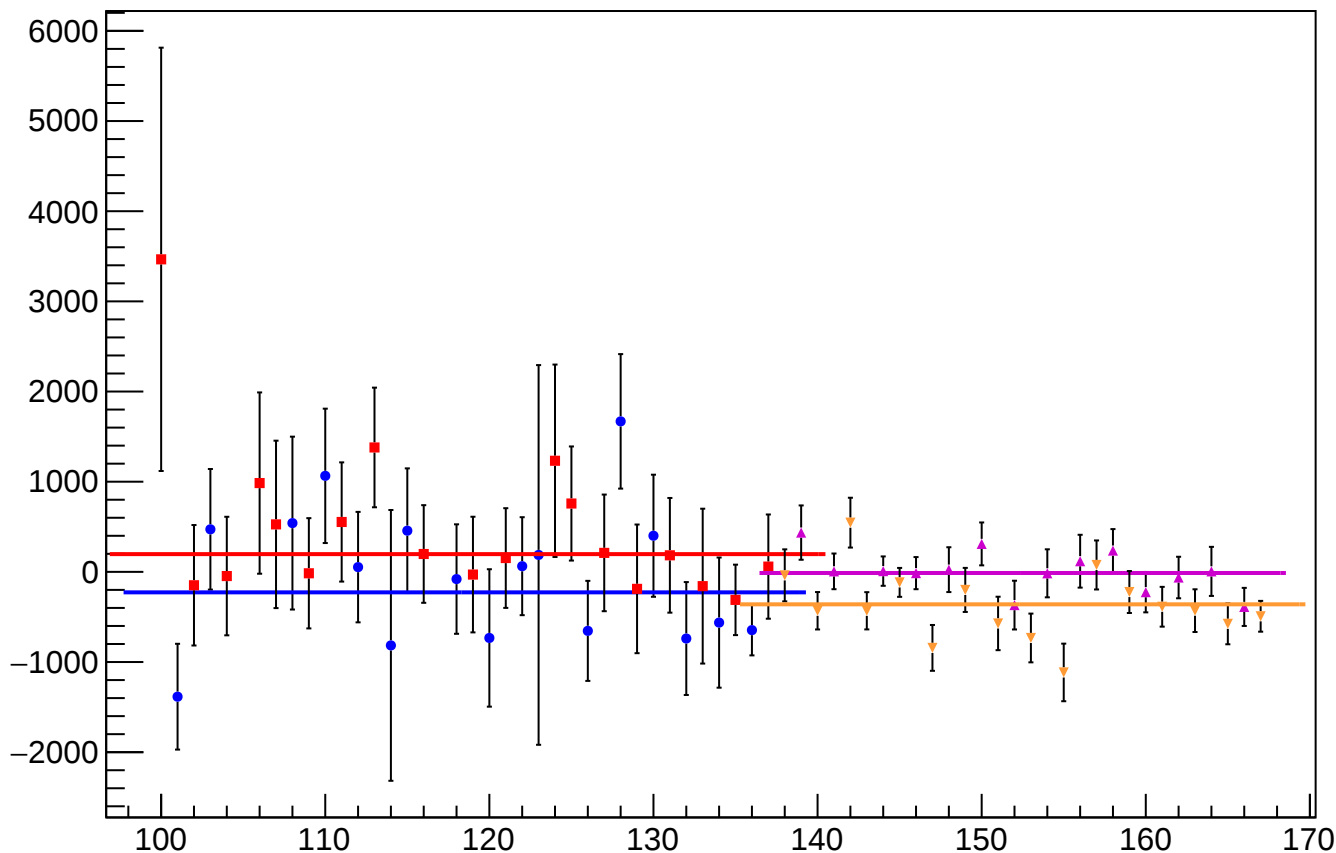
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 221.191+/-0.040 χ^2/NDF : 3907288.5/30

Out: 215.385+/-0.037 χ^2/NDF : 4810808.4/34

All: 218.116+/-0.027 χ^2/NDF : 8729488.7/65

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -359.999 ± 57.560 χ^2/NDF : 31.1/15

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: -12.398 ± 60.701 χ^2/NDF : 11.2/13

Left: -195.424 ± 41.767 χ^2/NDF : 59.6/29

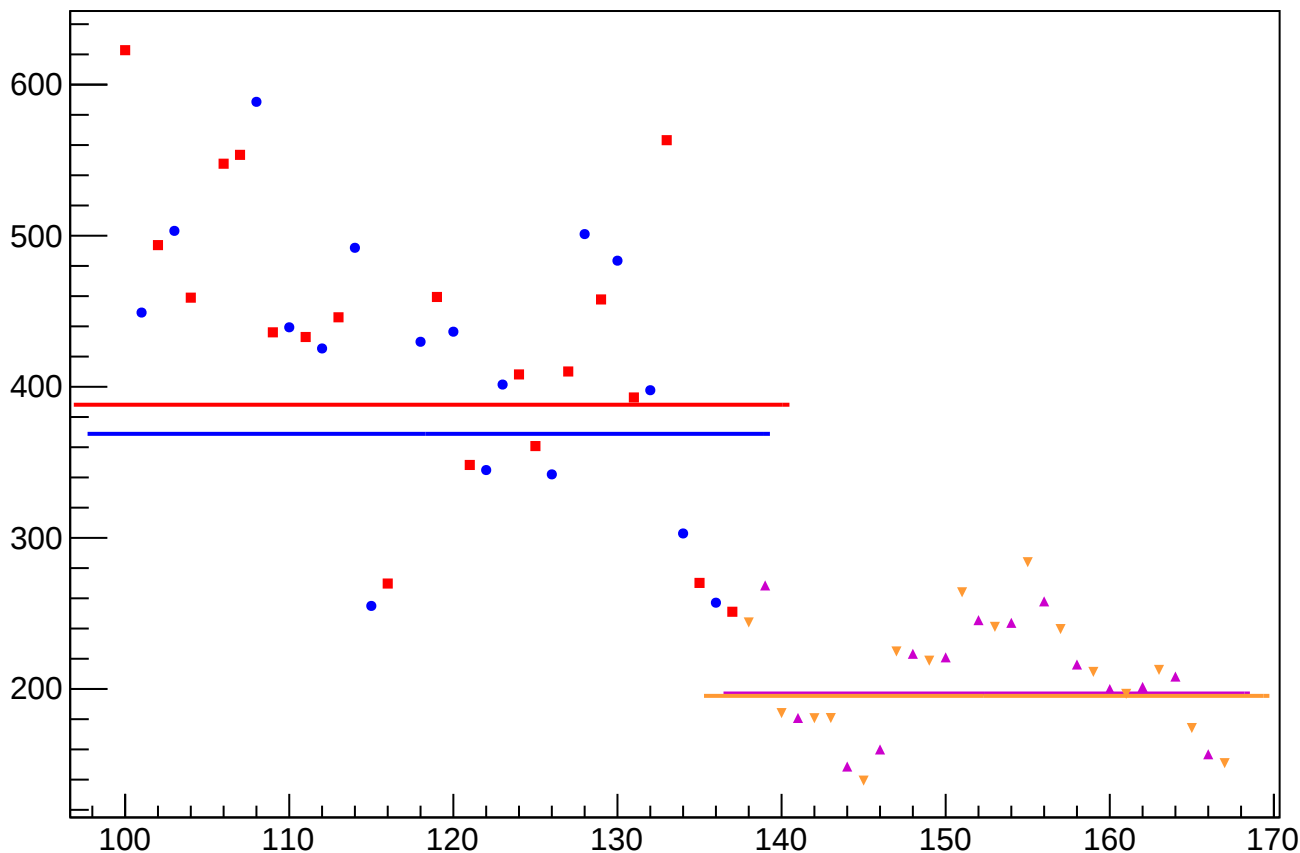
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -43.367 ± 56.157 χ^2/NDF : 34.9/30

Out: -288.687 ± 53.748 χ^2/NDF : 53.8/34

All: -171.402 ± 38.829 χ^2/NDF : 98.7/65

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: 195.439 $\pm$ 0.041 χ^2 /NDF: 912206.4/15

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 197.000 $\pm$ 0.043 χ^2 /NDF: 734103.8/13

Left: 196.178 $\pm$ 0.030 χ^2 /NDF: 1647007.0/29

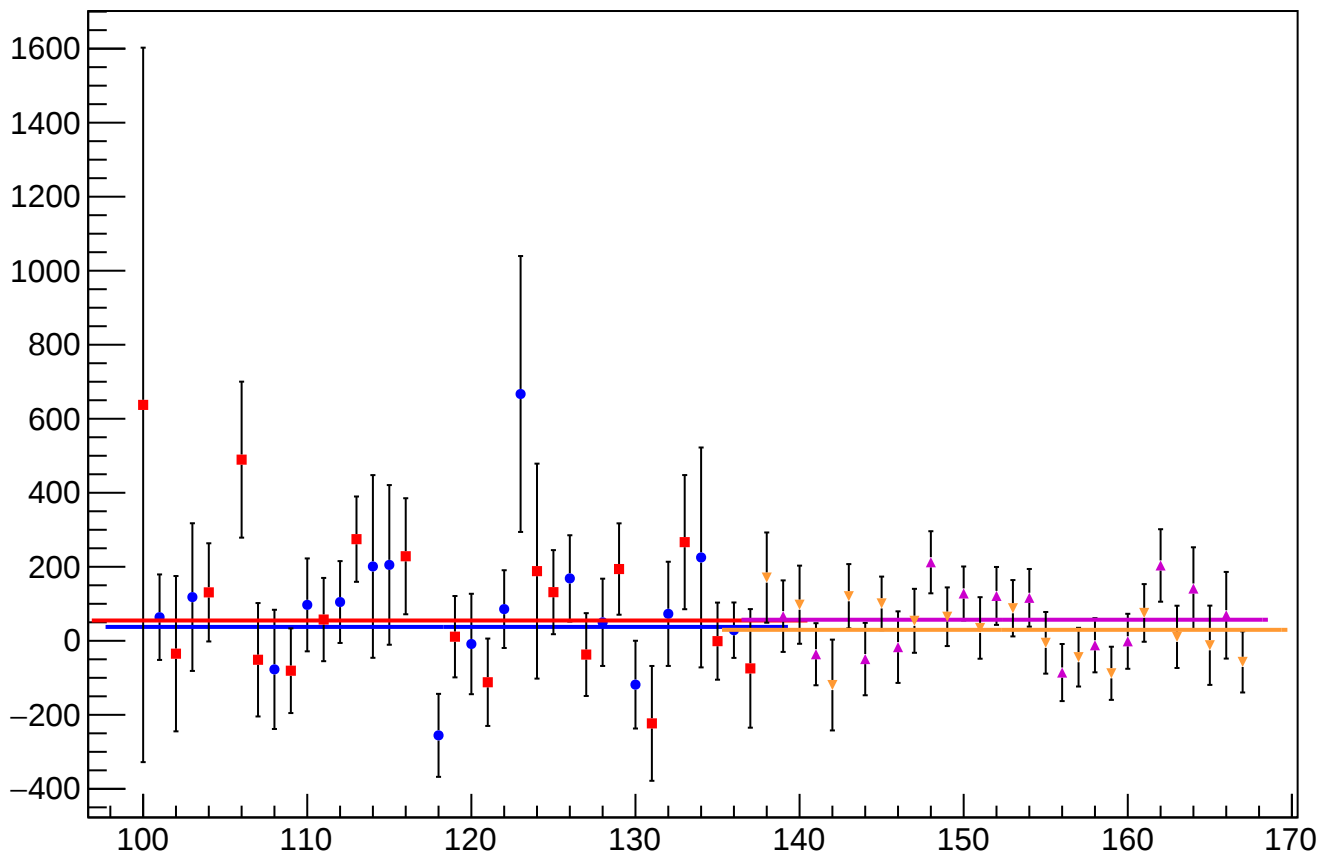
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 221.770 $\pm$ 0.040 χ^2 /NDF: 3874506.8/30

Out: 220.120 $\pm$ 0.038 χ^2 /NDF: 4561235.4/34

All: 220.909 $\pm$ 0.027 χ^2 /NDF: 8436643.1/65

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 29.649 $\pm$ 21.350 χ^2 /NDF:11.5/15

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 56.938 $\pm$ 22.865 χ^2 /NDF:16.4/13

Left: 42.360 $\pm$ 15.605 χ^2 /NDF: 28.7/29

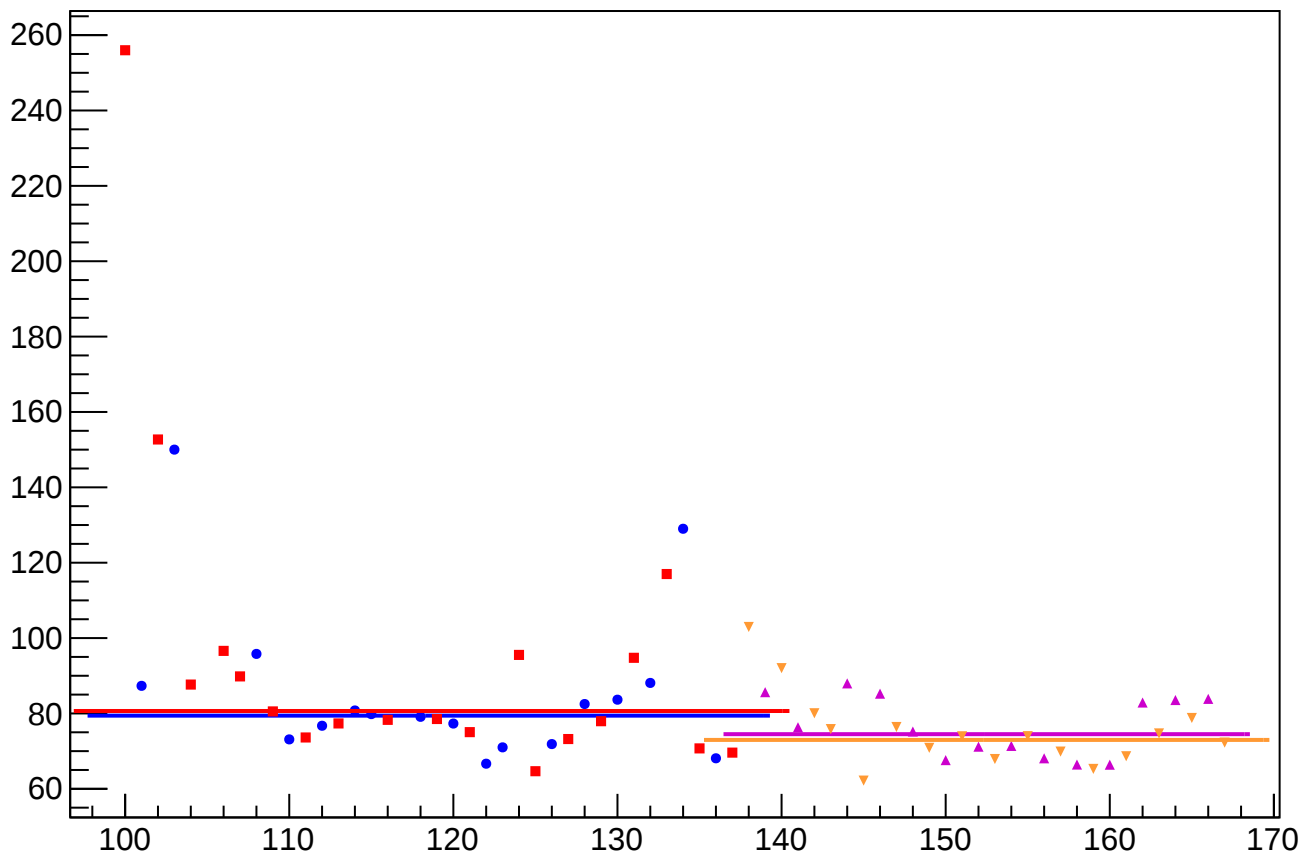
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 50.232 $\pm$ 18.496 χ^2 /NDF:32.5/30

Out: 37.605 $\pm$ 17.668 χ^2 /NDF:34.1/34

All: 43.629 $\pm$ 12.776 χ^2 /NDF: 66.9/65

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: 72.976 $\pm$ 0.015 χ^2 /NDF: 292439.3/15

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 74.502 $\pm$ 0.016 χ^2 /NDF: 217543.5/13

Left: 73.687 $\pm$ 0.011 χ^2 /NDF: 514737.5/29

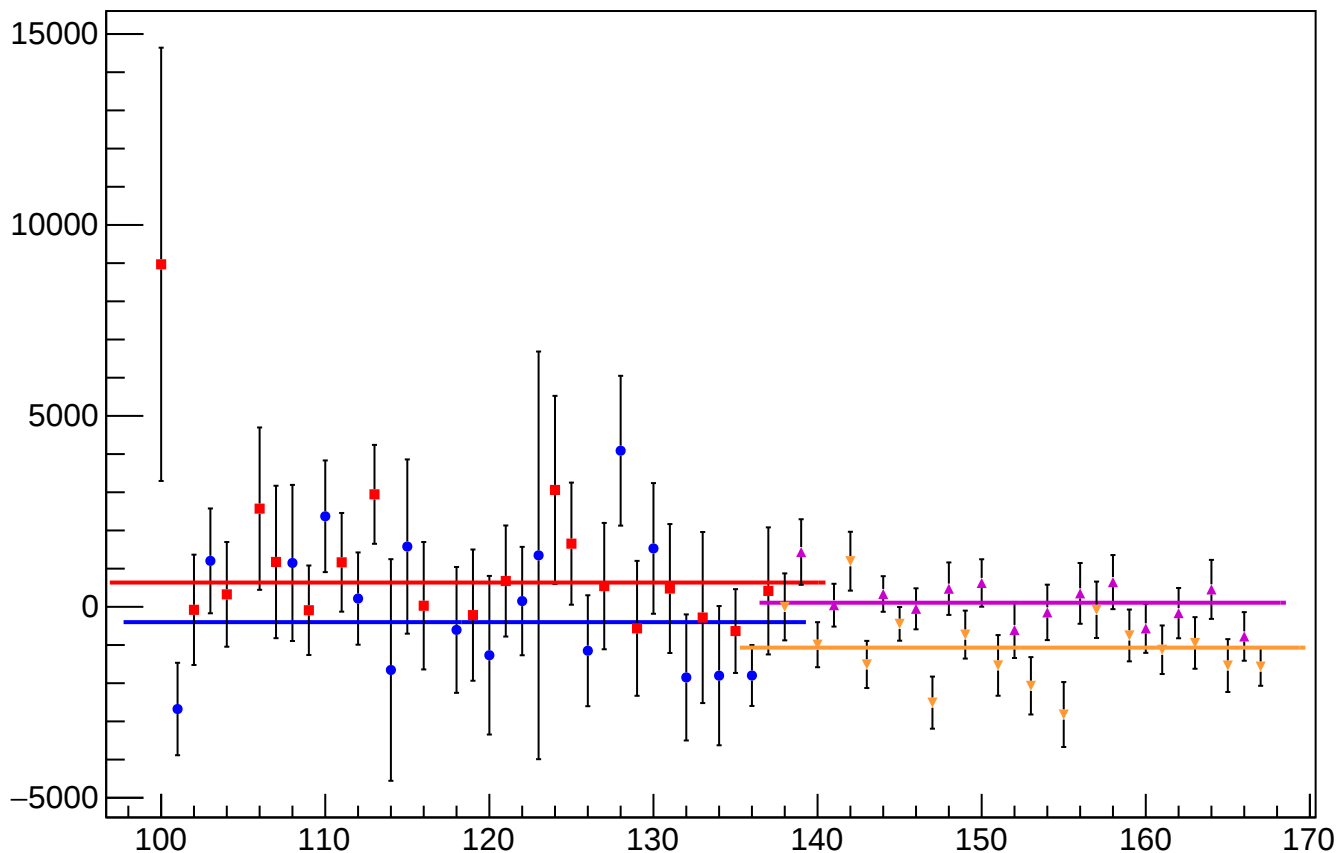
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.202 $\pm$ 0.013 χ^2 /NDF: 688593.1/30

Out: 75.395 $\pm$ 0.012 χ^2 /NDF: 894346.1/34

All: 75.780 $\pm$ 0.009 χ^2 /NDF: 1584929.0/65

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -1068.568 $\pm$ 162.765 χ^2 /NDF:27.2/15

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 107.869 $\pm$ 172.660 χ^2 /NDF:8.9/13

Left: -515.025 $\pm$ 118.436 χ^2 /NDF: 60.7/29

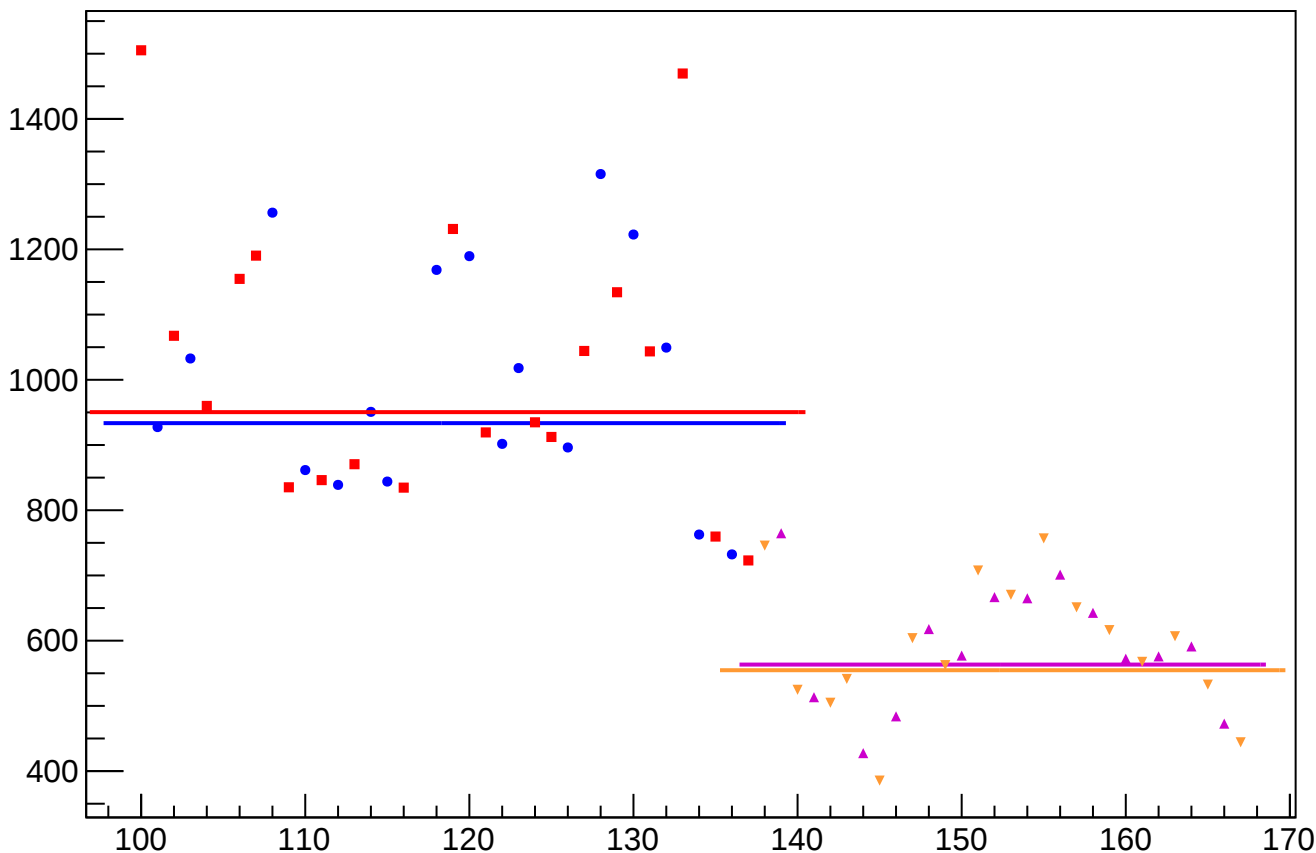
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 16.247 $\pm$ 156.347 χ^2 /NDF:32.3/30

Out: -783.105 $\pm$ 148.513 χ^2 /NDF:56.4/34

All: -403.958 $\pm$ 107.678 χ^2 /NDF: 102.5/65

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 χ^2/NDF : 442321.9/16

Left Out: 554.681 ± 0.115 χ^2/NDF : 810419.4/15

Right Out: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 563.339 ± 0.122 χ^2/NDF : 561327.9/13

Left: 558.755 ± 0.084 χ^2/NDF : 1374409.5/29

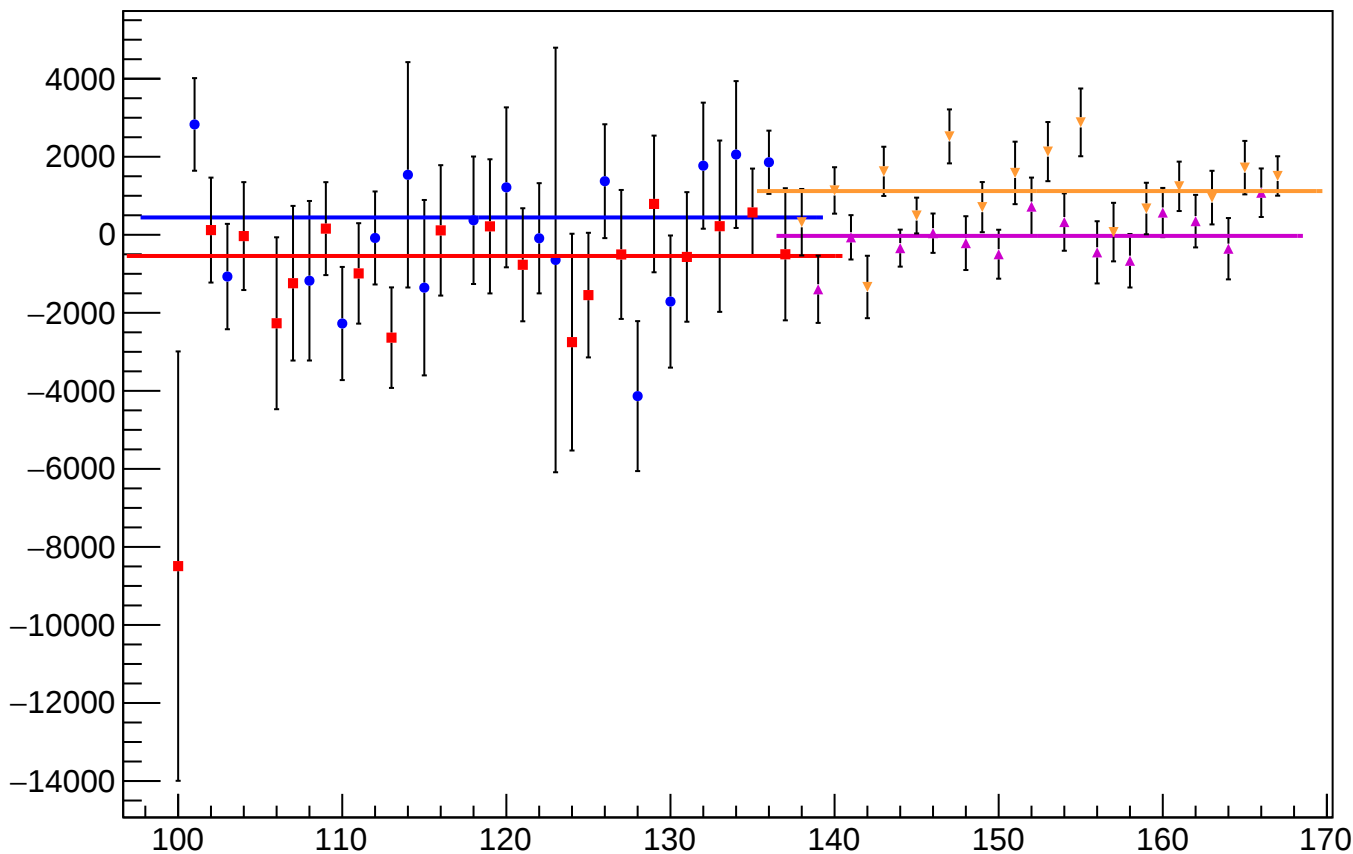
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 629.986 ± 0.111 χ^2/NDF : 2658854.1/30

Out: 620.949 ± 0.105 χ^2/NDF : 3214510.5/34

All: 625.235 ± 0.076 χ^2/NDF : 5876877.2/65

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1120.444+/-164.608 χ^2/NDF : 27.4/15

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -28.279+/-172.149 χ^2/NDF : 10.6/13

Left: 571.792+/-118.972 χ^2/NDF : 61.3/29

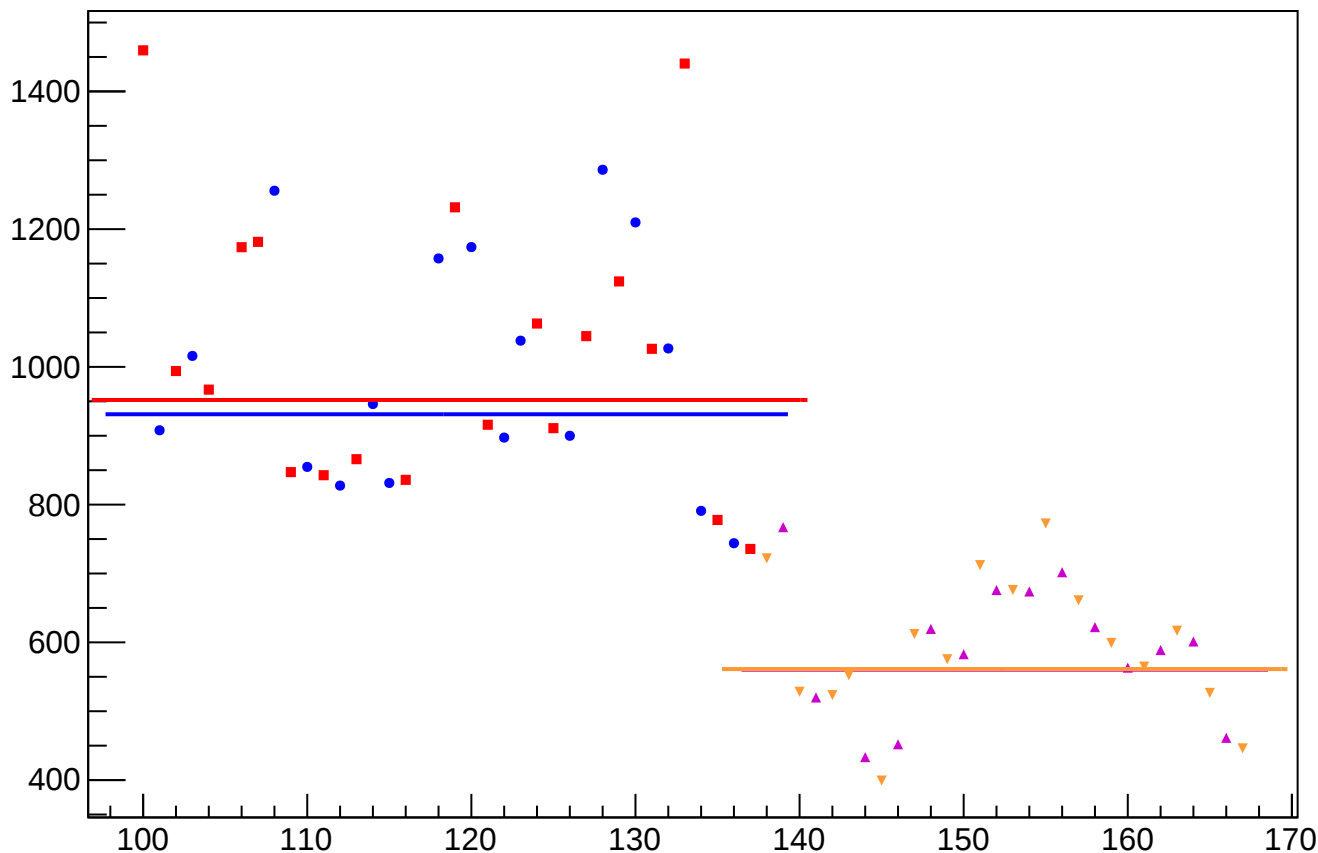
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 56.978+/-155.862 χ^2/NDF : 34.8/30

Out: 837.136+/-149.937 χ^2/NDF : 54.2/34

All: 462.167+/-108.055 χ^2/NDF : 102.1/65

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 561.186+/-0.116 χ^2/NDF : 743125.1/15

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 560.278+/-0.122 χ^2/NDF : 613331.3/13

Left: 560.752+/-0.084 χ^2/NDF : 1356485.5/29

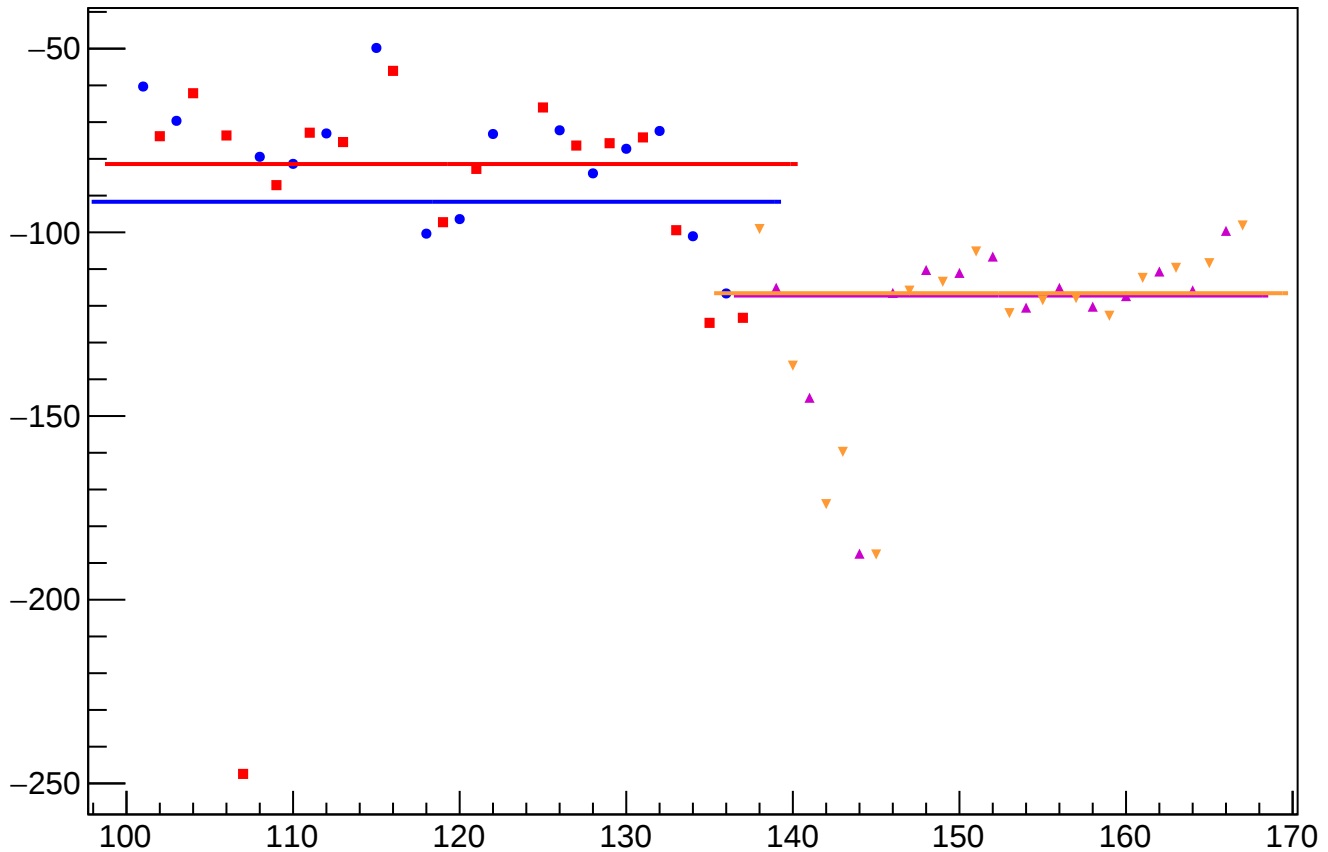
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 627.143+/-0.110 χ^2/NDF : 2687394.3/30

Out: 627.740+/-0.106 χ^2/NDF : 3045467.3/34

All: 627.453+/-0.076 χ^2/NDF : 5732876.8/65

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -116.567 ± 0.069 χ^2/NDF : 33987.0/15

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -117.207 ± 0.066 χ^2/NDF : 60305.3/13

Left: -116.898 ± 0.048 χ^2/NDF : 94337.3/29

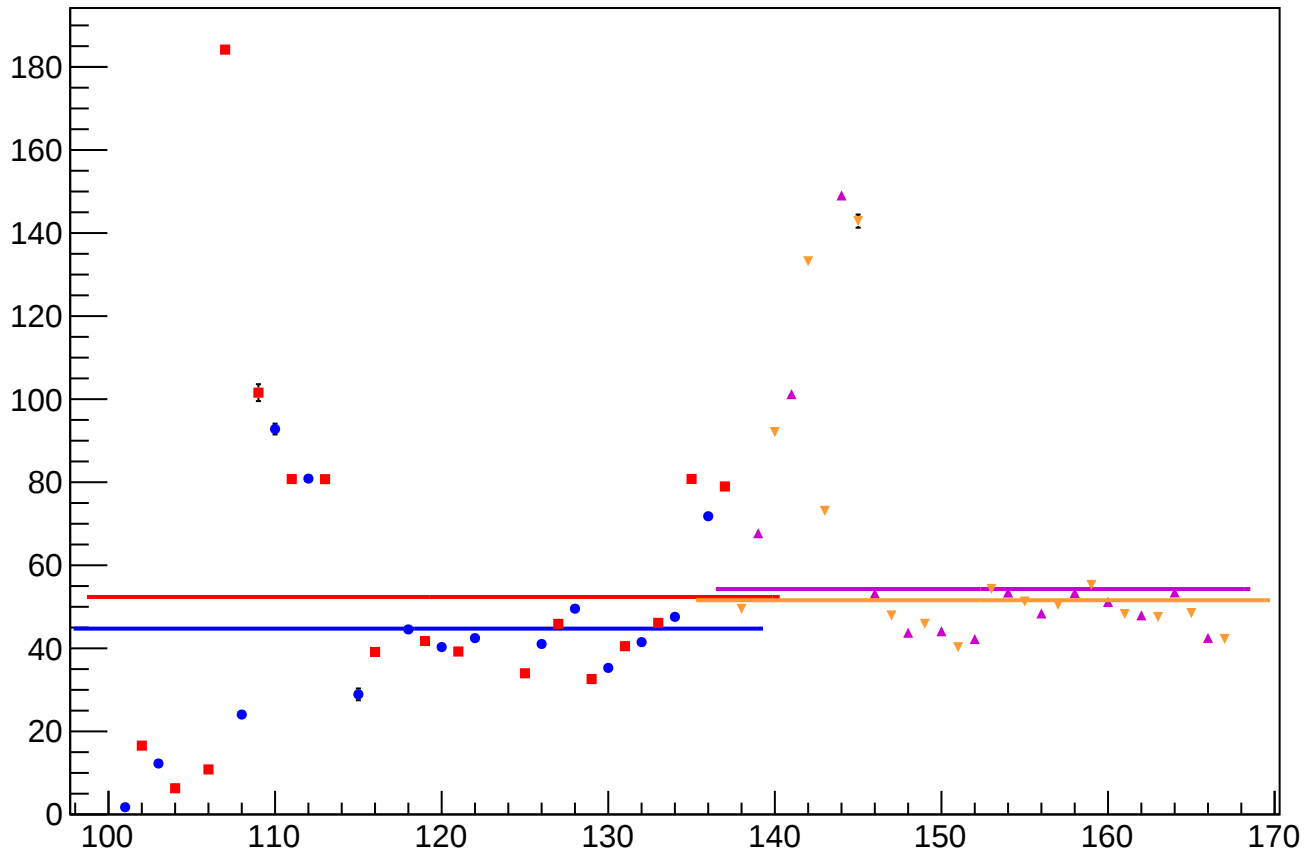
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -105.149 ± 0.048 χ^2/NDF : 194834.0/28

Out: -105.057 ± 0.056 χ^2/NDF : 161464.1/32

All: -105.110 ± 0.037 χ^2/NDF : 356299.7/61

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 51.584 $\pm$ 0.057 χ^2/NDF :46078.3/15

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 54.281 $\pm$ 0.057 χ^2/NDF :118080.5/13

Left: 52.927 $\pm$ 0.040 χ^2/NDF : 165285.8/29

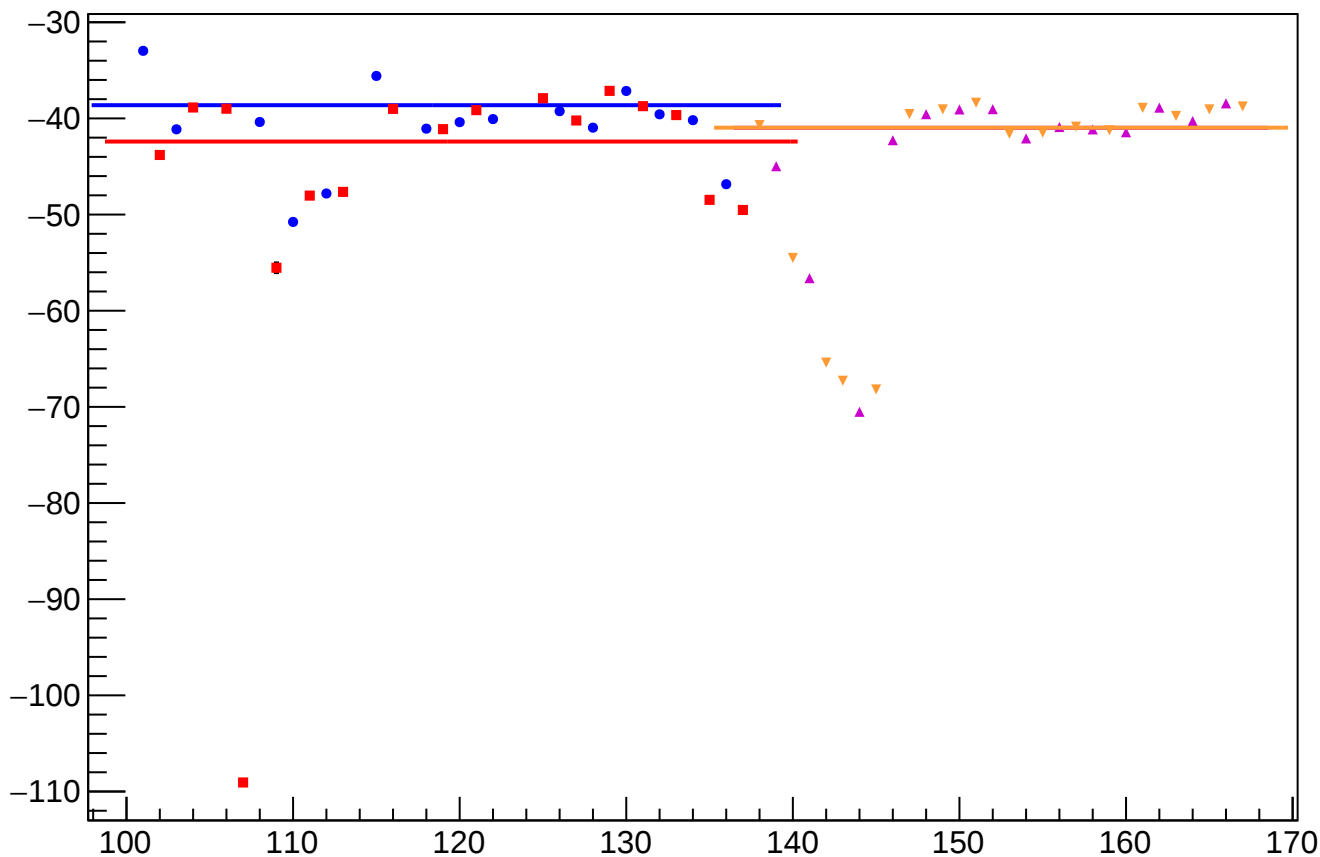
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 49.807 $\pm$ 0.041 χ^2/NDF :215937.3/28

Out: 51.743 $\pm$ 0.051 χ^2/NDF :115402.0/32

All: 50.585 $\pm$ 0.032 χ^2/NDF : 332213.8/61

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.963 ± 0.008 χ^2/NDF : 196945.6/15

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.983 ± 0.009 χ^2/NDF : 151747.4/13

Left: -40.972 ± 0.006 χ^2/NDF : 348695.3/29

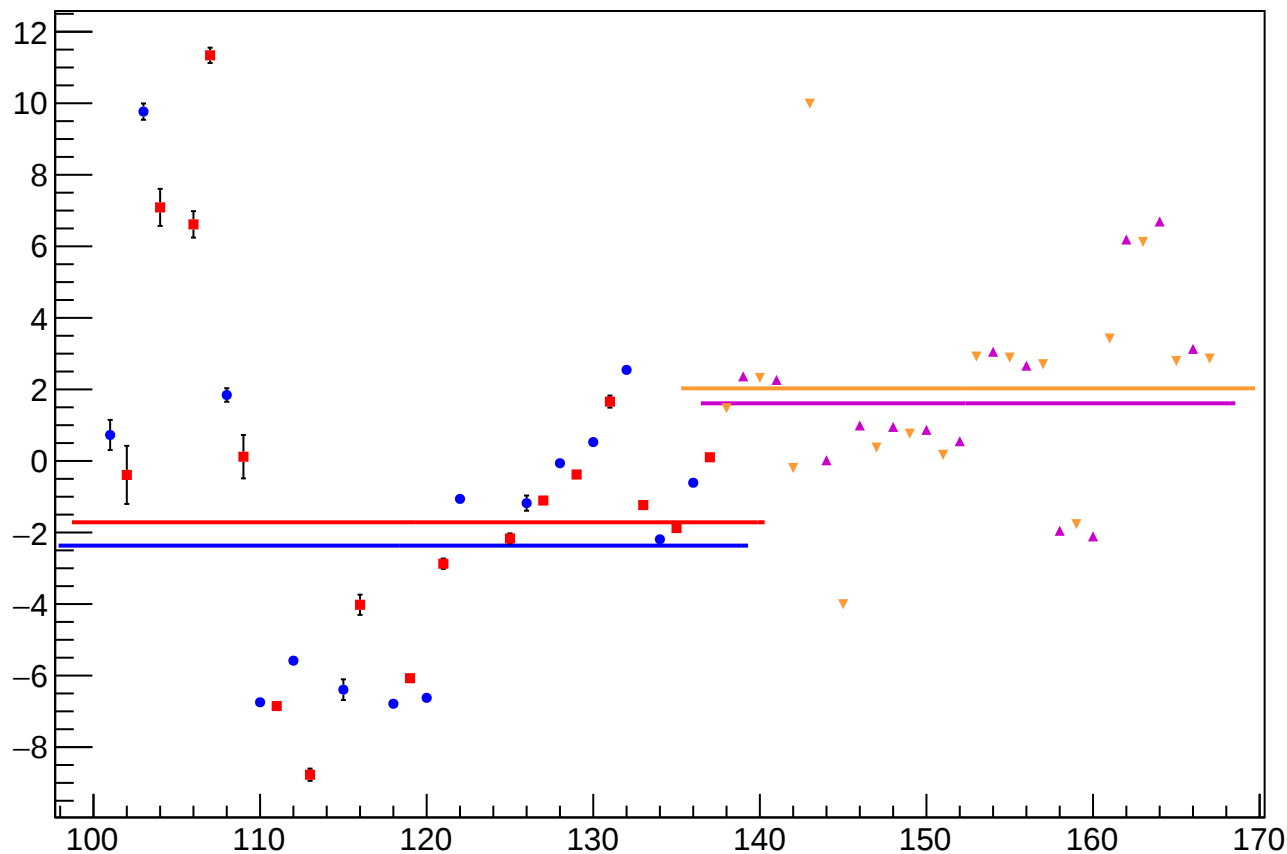
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.653 ± 0.006 χ^2/NDF : 427289.9/28

Out: -41.159 ± 0.008 χ^2/NDF : 470057.0/32

All: -40.234 ± 0.005 χ^2/NDF : 920029.3/61

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.029 ± 0.009 $\chi^2/\text{NDF}: 72079.7/15$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.611 ± 0.008 $\chi^2/\text{NDF}: 78073.2/13$

Left: 1.805 ± 0.006 $\chi^2/\text{NDF}: 151308.4/29$

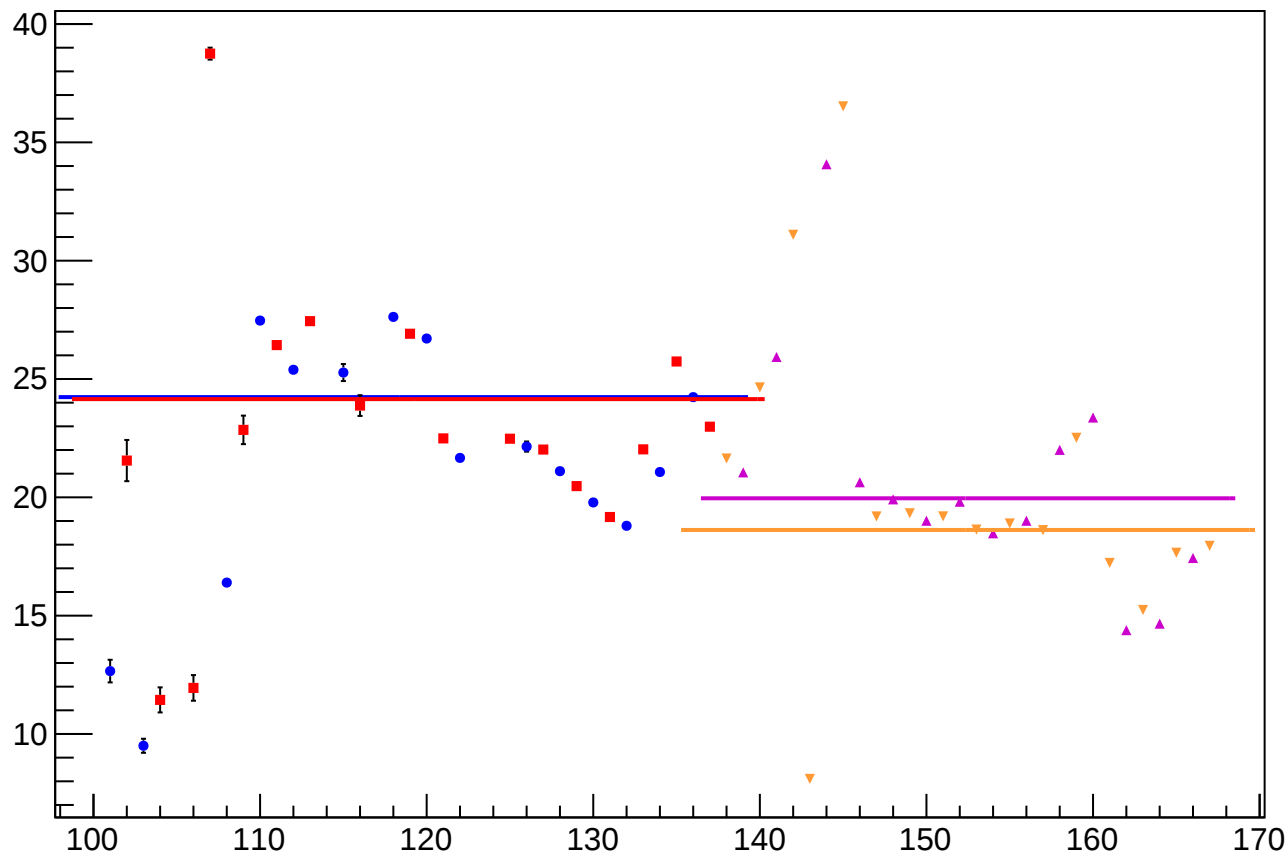
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.572 ± 0.007 $\chi^2/\text{NDF}: 165883.2/28$

Out: 1.654 ± 0.009 $\chi^2/\text{NDF}: 102111.3/32$

All: 1.021 ± 0.006 $\chi^2/\text{NDF}: 277383.8/61$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.621 $\pm$ 0.009 χ^2 /NDF: 71100.9/15

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.959 $\pm$ 0.009 χ^2 /NDF: 89239.0/13

Left: 19.338 $\pm$ 0.006 χ^2 /NDF: 171842.3/29

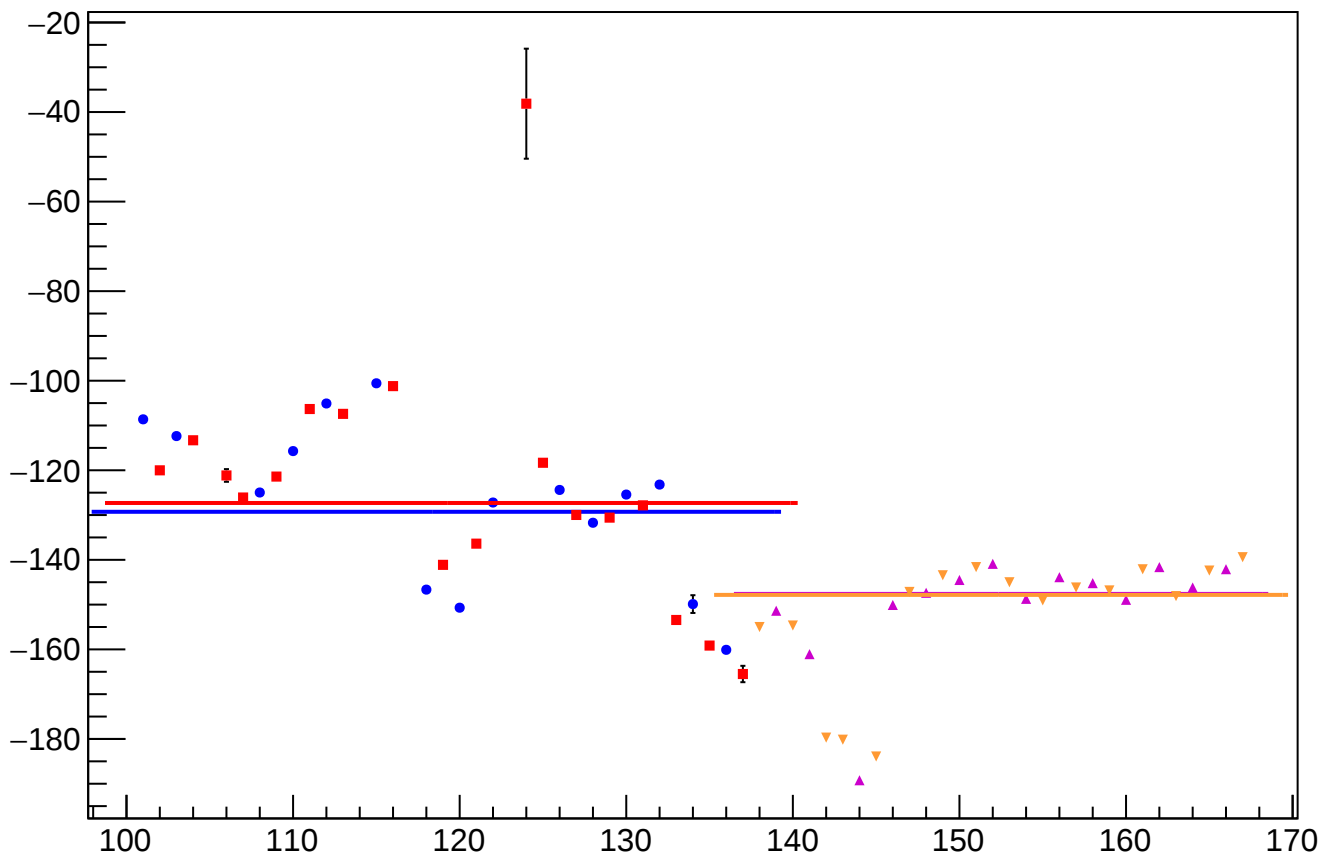
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.513 $\pm$ 0.008 χ^2 /NDF: 143948.8/28

Out: 19.302 $\pm$ 0.009 χ^2 /NDF: 129456.2/32

All: 19.953 $\pm$ 0.006 χ^2 /NDF: 284198.6/61

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2/NDF : 35109.7/14

Left Out: -147.828 $\pm$ 0.056 χ^2/NDF : 32583.5/15

Right Out: -127.303 $\pm$ 0.084 χ^2/NDF : 29597.3/17

Left In: -147.612 $\pm$ 0.057 χ^2/NDF : 22608.7/13

Left: -147.721 $\pm$ 0.040 χ^2/NDF : 55199.3/29

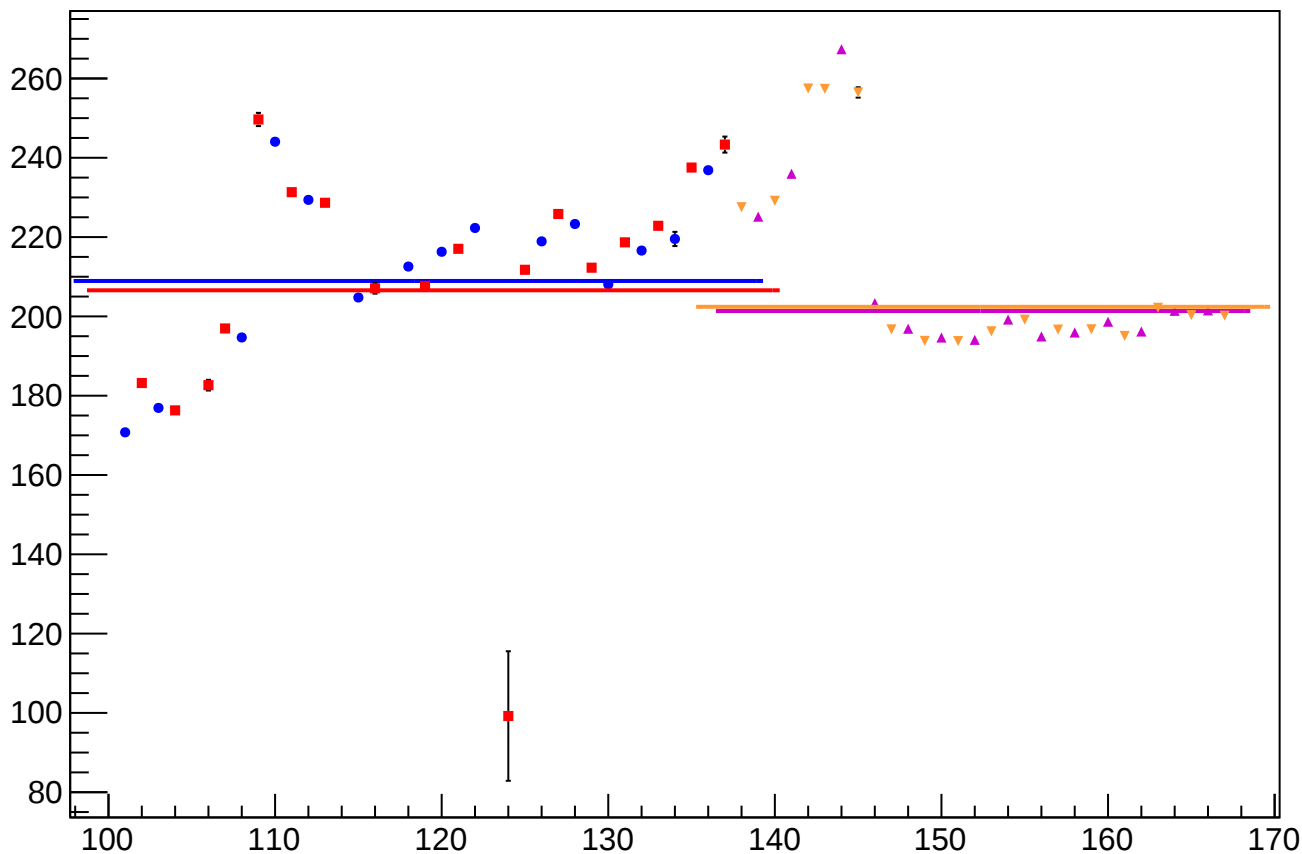
Right: -128.248 $\pm$ 0.061 χ^2/NDF : 64968.8/32

In: -142.149 $\pm$ 0.048 χ^2/NDF : 88372.1/28

Out: -141.473 $\pm$ 0.047 χ^2/NDF : 103090.8/33

All: -141.804 $\pm$ 0.034 χ^2/NDF : 191564.6/62

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 ± 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.416 ± 0.048 χ^2/NDF : 103384.6/15

Right Out: 206.581 ± 0.083 χ^2/NDF : 48210.8/17

Left In: 201.350 ± 0.049 χ^2/NDF : 76146.4/13

Left: 201.896 ± 0.034 χ^2/NDF : 179775.7/29

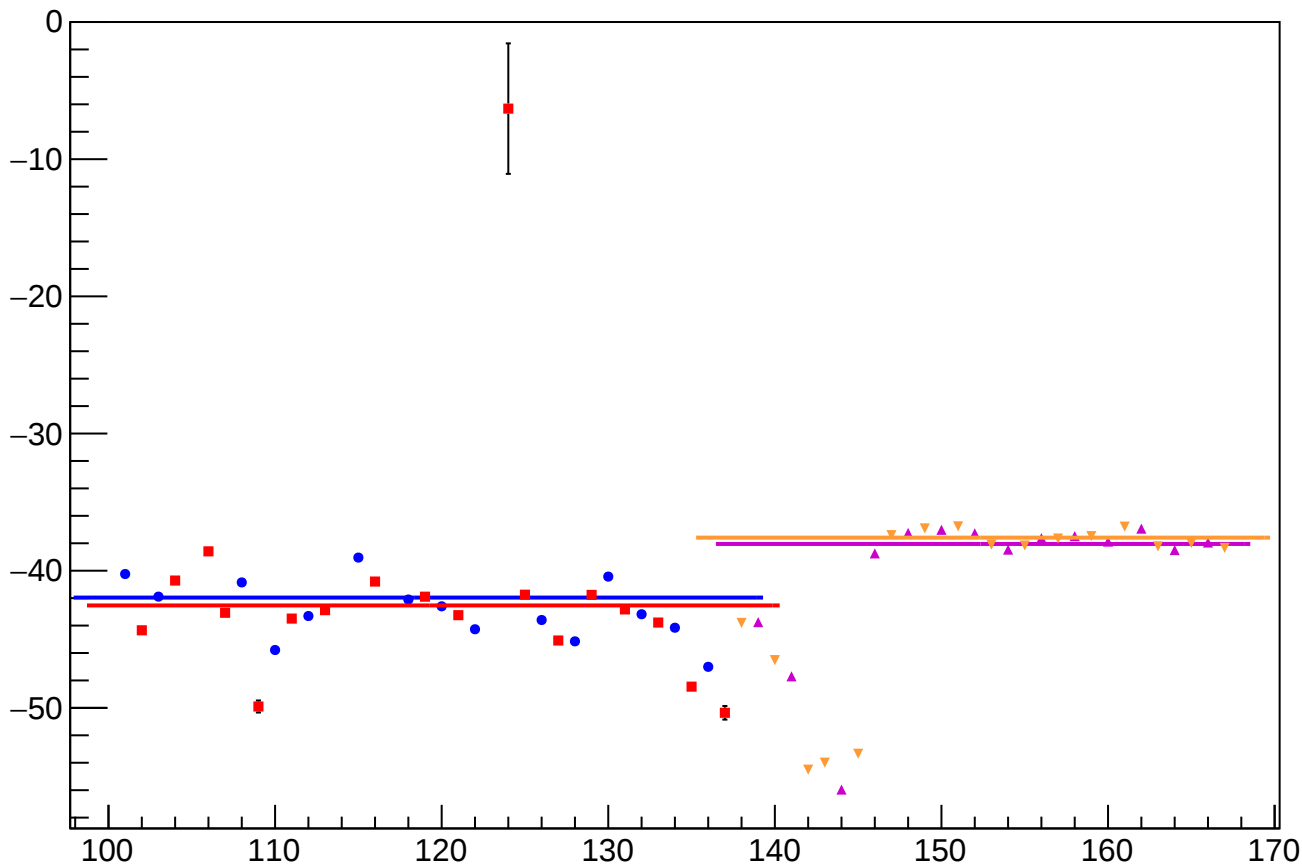
Right: 207.675 ± 0.061 χ^2/NDF : 93267.6/32

In: 203.094 ± 0.043 χ^2/NDF : 126396.1/28

Out: 203.441 ± 0.041 χ^2/NDF : 153485.0/33

All: 203.274 ± 0.030 χ^2/NDF : 279915.1/62

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.589 ± 0.004 $\chi^2/\text{NDF}: 221874.3/15$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.050 ± 0.005 $\chi^2/\text{NDF}: 132991.5/13$

Left: -37.792 ± 0.003 $\chi^2/\text{NDF}: 359505.9/29$

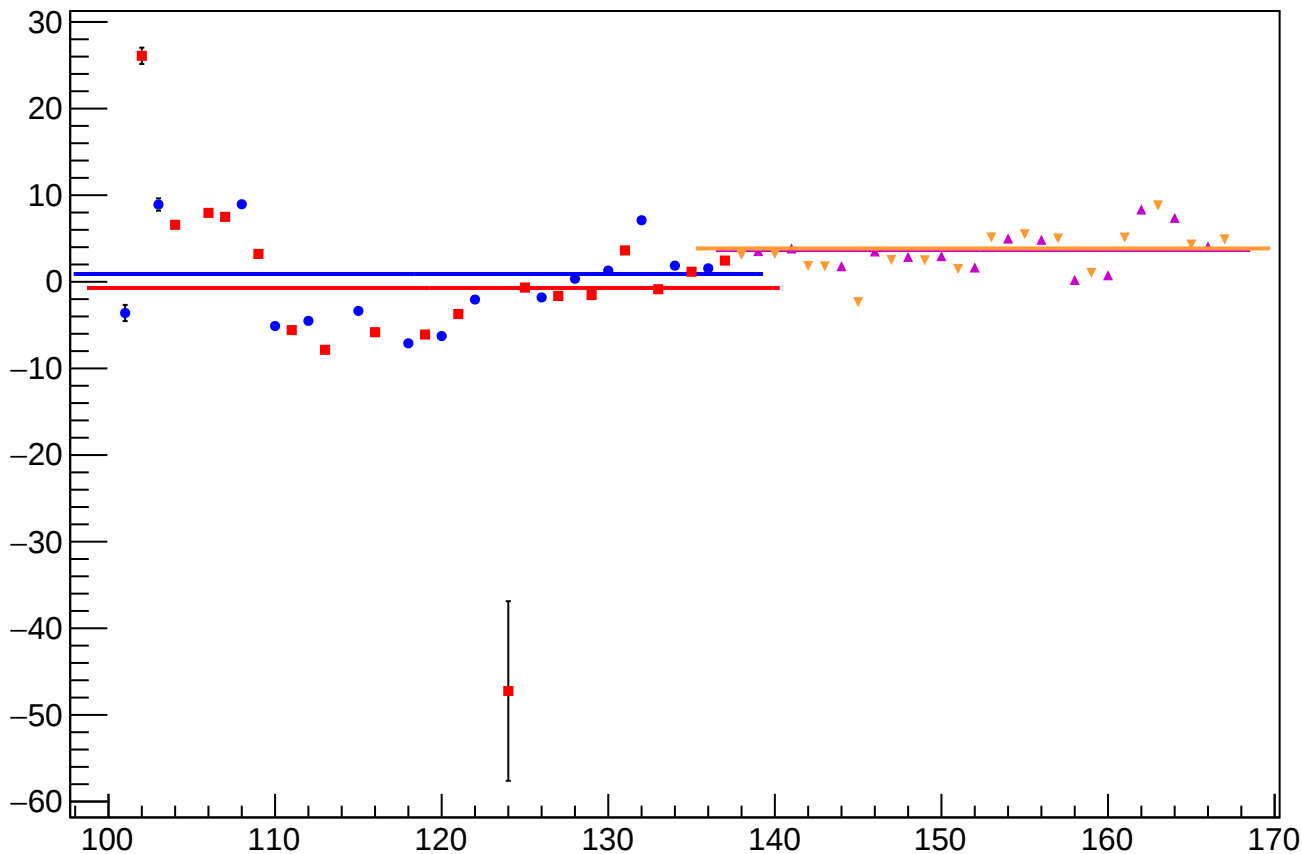
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.422 ± 0.005 $\chi^2/\text{NDF}: 214005.0/28$

Out: -37.812 ± 0.004 $\chi^2/\text{NDF}: 282700.8/33$

All: -38.089 ± 0.003 $\chi^2/\text{NDF}: 505448.4/62$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 3.850 $\pm$ 0.007 χ^2 /NDF:81581.8/15

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.666 $\pm$ 0.008 χ^2 /NDF:62646.6/13

Left: 3.770 $\pm$ 0.005 χ^2 /NDF: 144505.3/29

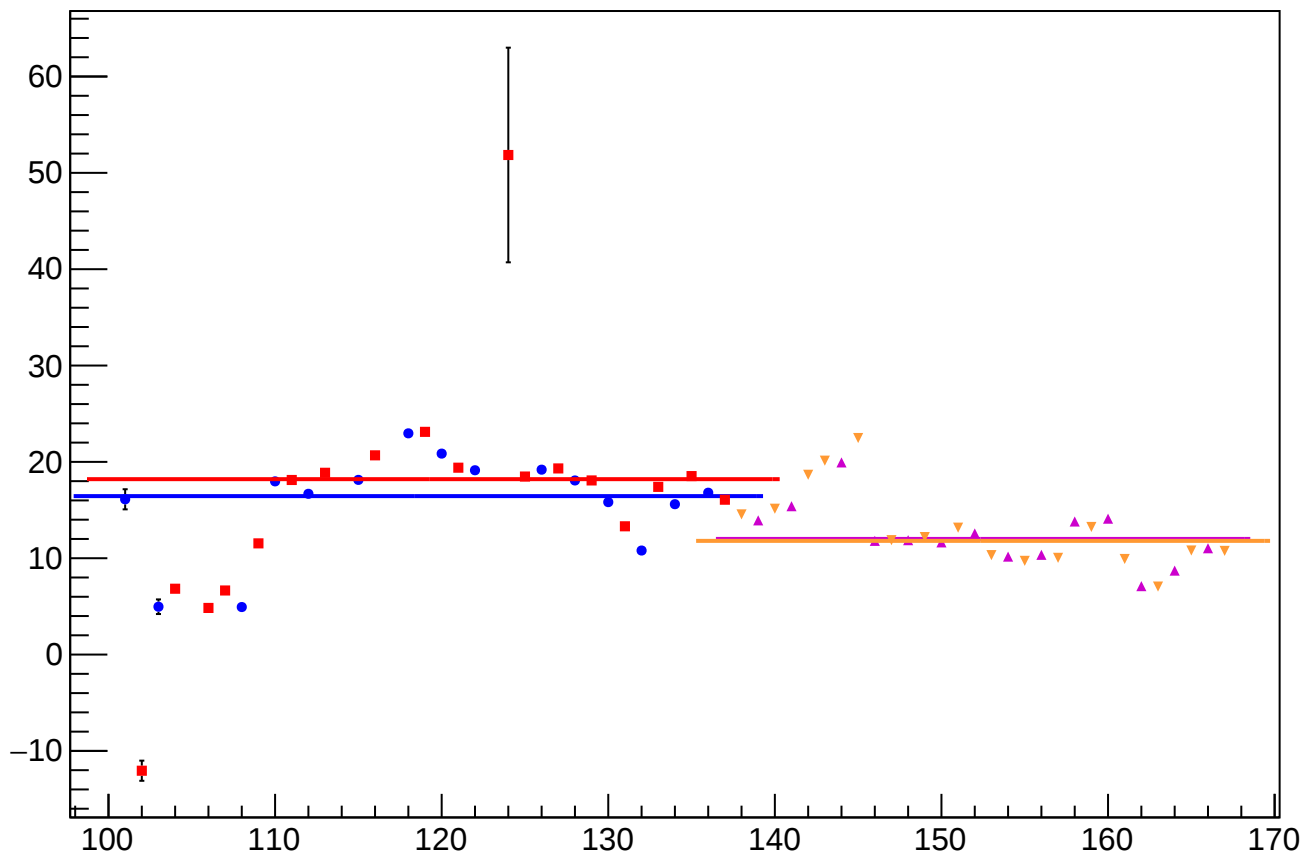
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.258 $\pm$ 0.008 χ^2 /NDF:99974.3/28

Out: 3.474 $\pm$ 0.007 χ^2 /NDF:144625.4/33

All: 3.376 $\pm$ 0.005 χ^2 /NDF: 245031.6/62

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.802 $\pm$ 0.009 χ^2 /NDF: 88902.3/15

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.004 $\pm$ 0.010 χ^2 /NDF: 45462.4/13

Left: 11.893 $\pm$ 0.007 χ^2 /NDF: 134574.0/29

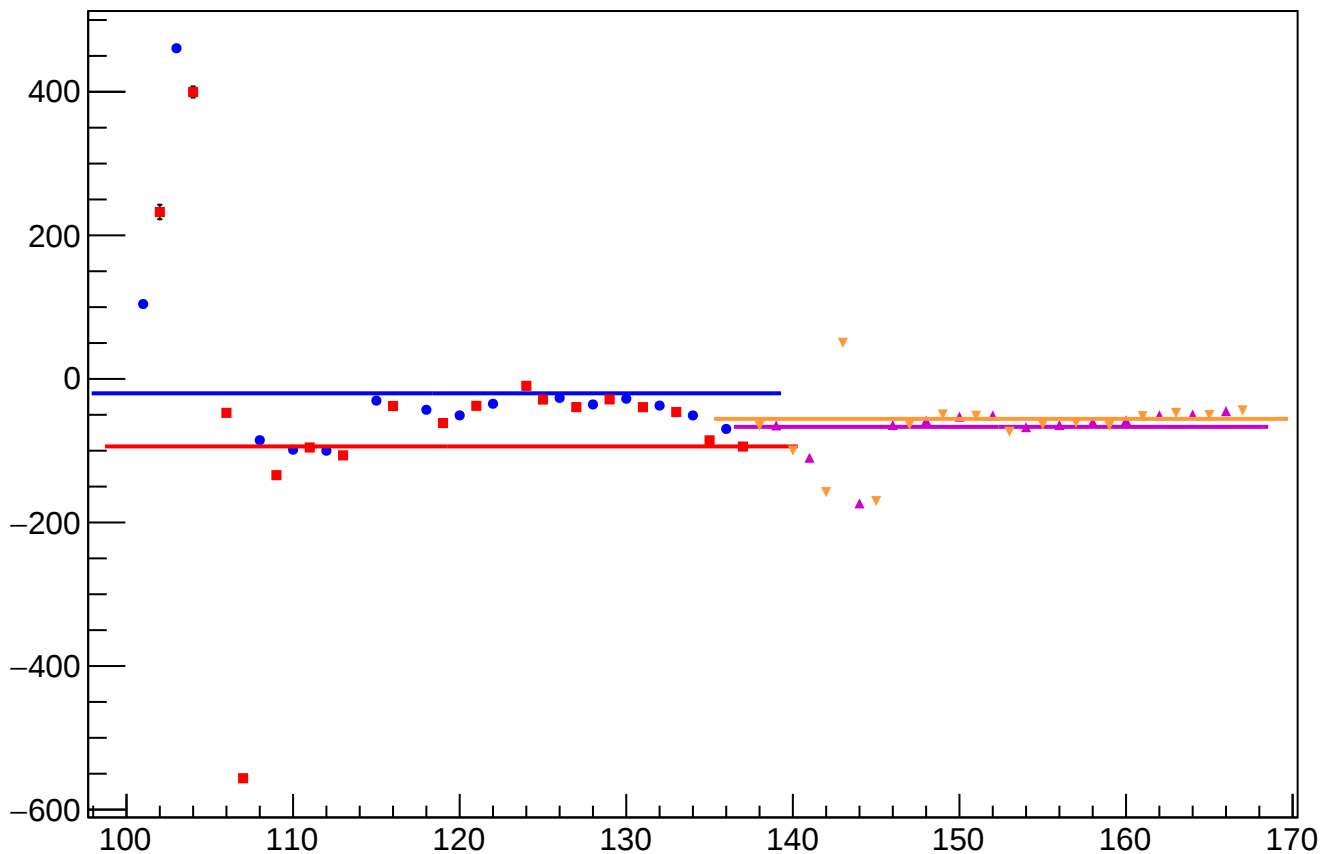
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.680 $\pm$ 0.010 χ^2 /NDF: 87746.9/28

Out: 12.916 $\pm$ 0.009 χ^2 /NDF: 197576.0/33

All: 12.811 $\pm$ 0.006 χ^2 /NDF: 285664.9/62

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -55.648 ± 0.107 $\chi^2/\text{NDF}: 49956.9/15$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -66.781 ± 0.139 $\chi^2/\text{NDF}: 39708.3/13$

Left: -59.781 ± 0.085 $\chi^2/\text{NDF}: 93683.2/29$

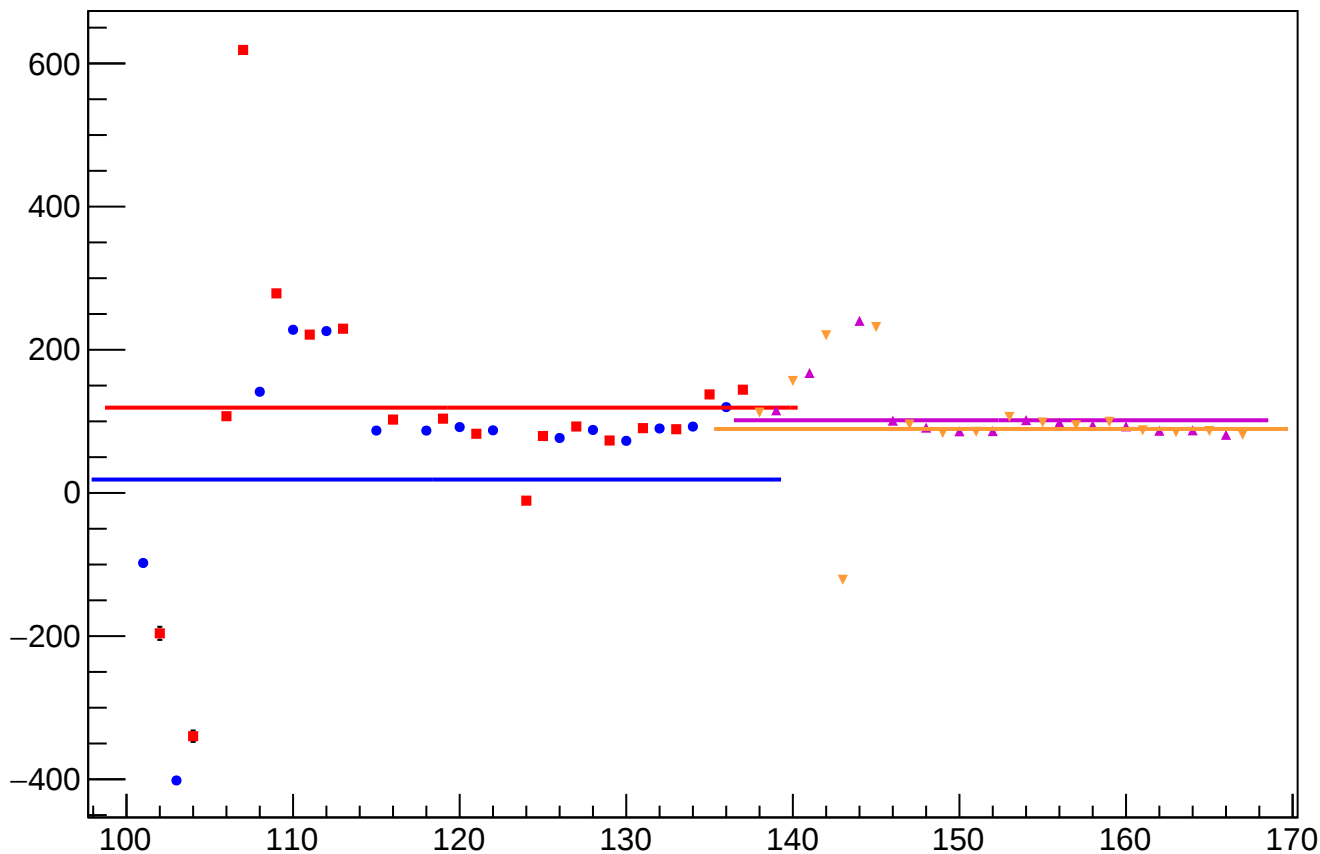
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.634 ± 0.103 $\chi^2/\text{NDF}: 532117.6/28$

Out: -93.539 ± 0.012 $\chi^2/\text{NDF}: 264506.3/33$

All: -92.860 ± 0.012 $\chi^2/\text{NDF}: 1009740.1/62$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2 /NDF: 1101803.8/14

Left Out: 89.420 $\pm$ 0.095 χ^2 /NDF: 169182.7/15

Right Out: 119.167 $\pm$ 0.199 χ^2 /NDF: 87450.0/17

Left In: 101.552 $\pm$ 0.120 χ^2 /NDF: 61006.1/13

Left: 94.073 $\pm$ 0.074 χ^2 /NDF: 236509.0/29

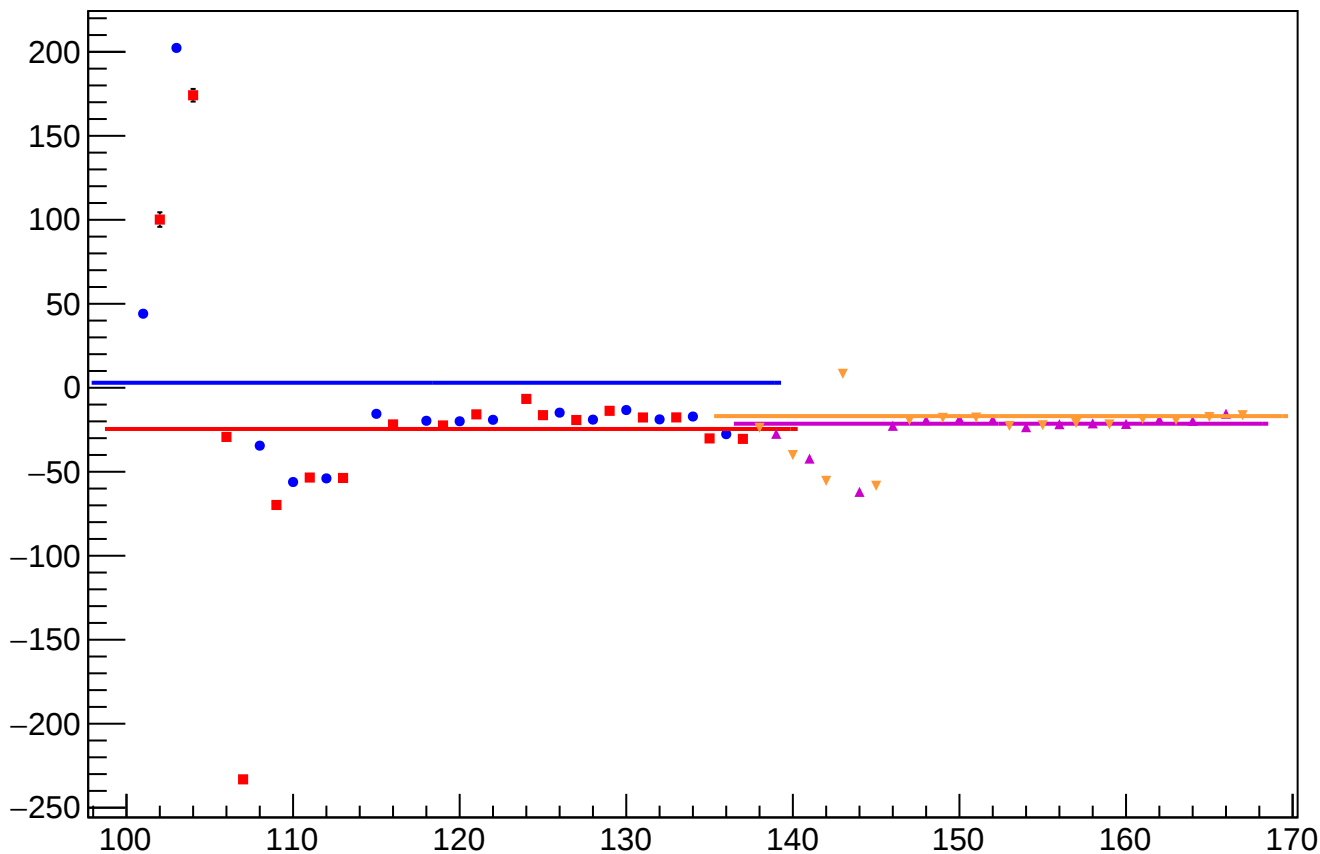
Right: 55.701 $\pm$ 0.121 χ^2 /NDF: 1349806.5/32

In: 69.833 $\pm$ 0.094 χ^2 /NDF: 1345808.9/28

Out: 94.883 $\pm$ 0.085 χ^2 /NDF: 274828.2/33

All: 83.573 $\pm$ 0.063 χ^2 /NDF: 1659496.3/62

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.868 ± 0.014 χ^2/NDF : 570131.0/15

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.401 ± 0.017 χ^2/NDF : 127866.8/13

Left: -18.770 ± 0.011 χ^2/NDF : 740442.3/29

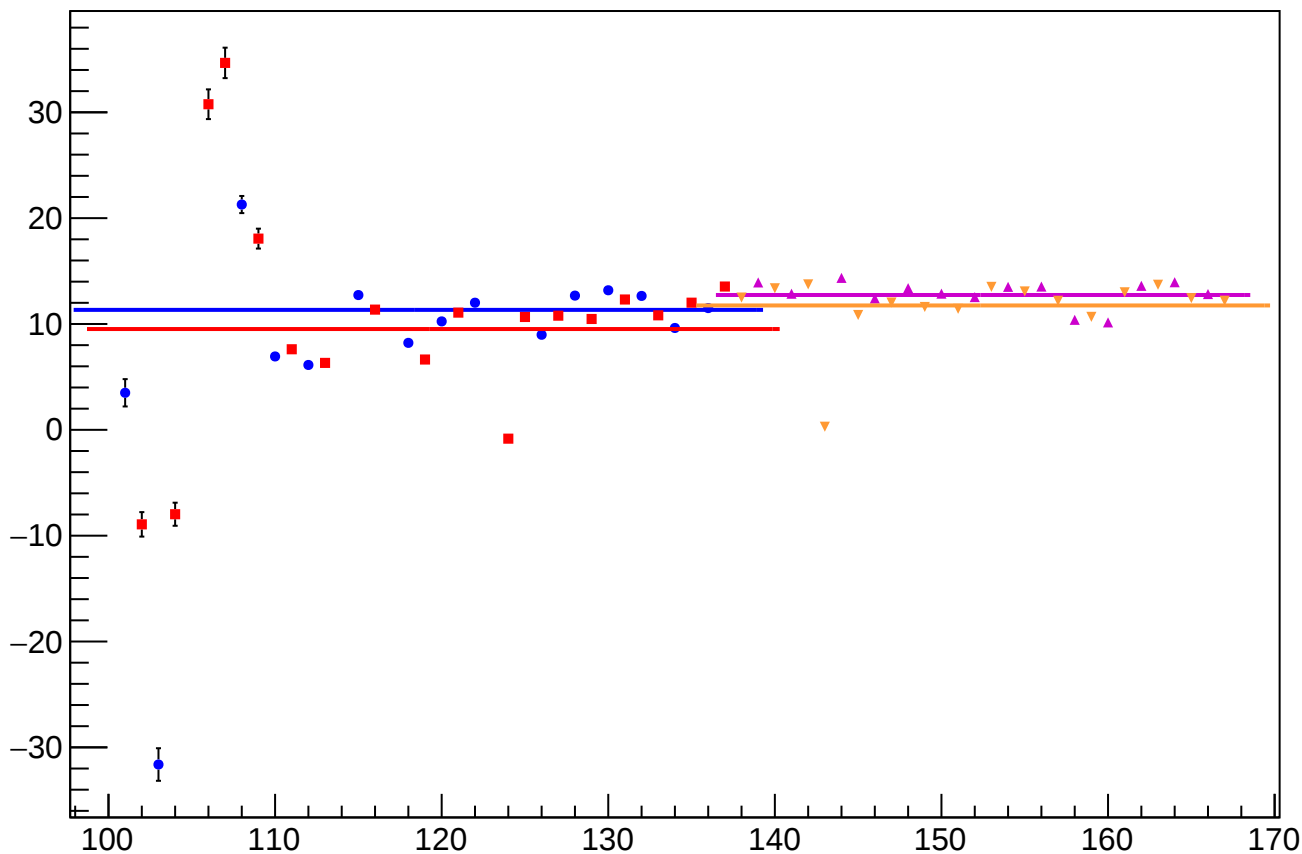
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.571 ± 0.014 χ^2/NDF : 4217246.2/28

Out: -17.607 ± 0.014 χ^2/NDF : 774511.1/33

All: -16.163 ± 0.010 χ^2/NDF : 5015634.2/62

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 11.752 ± 0.017 $\chi^2/\text{NDF}: 30289.7/15$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 12.740 ± 0.017 $\chi^2/\text{NDF}: 4906.4/13$

Left: 12.265 ± 0.012 $\chi^2/\text{NDF}: 36919.6/29$

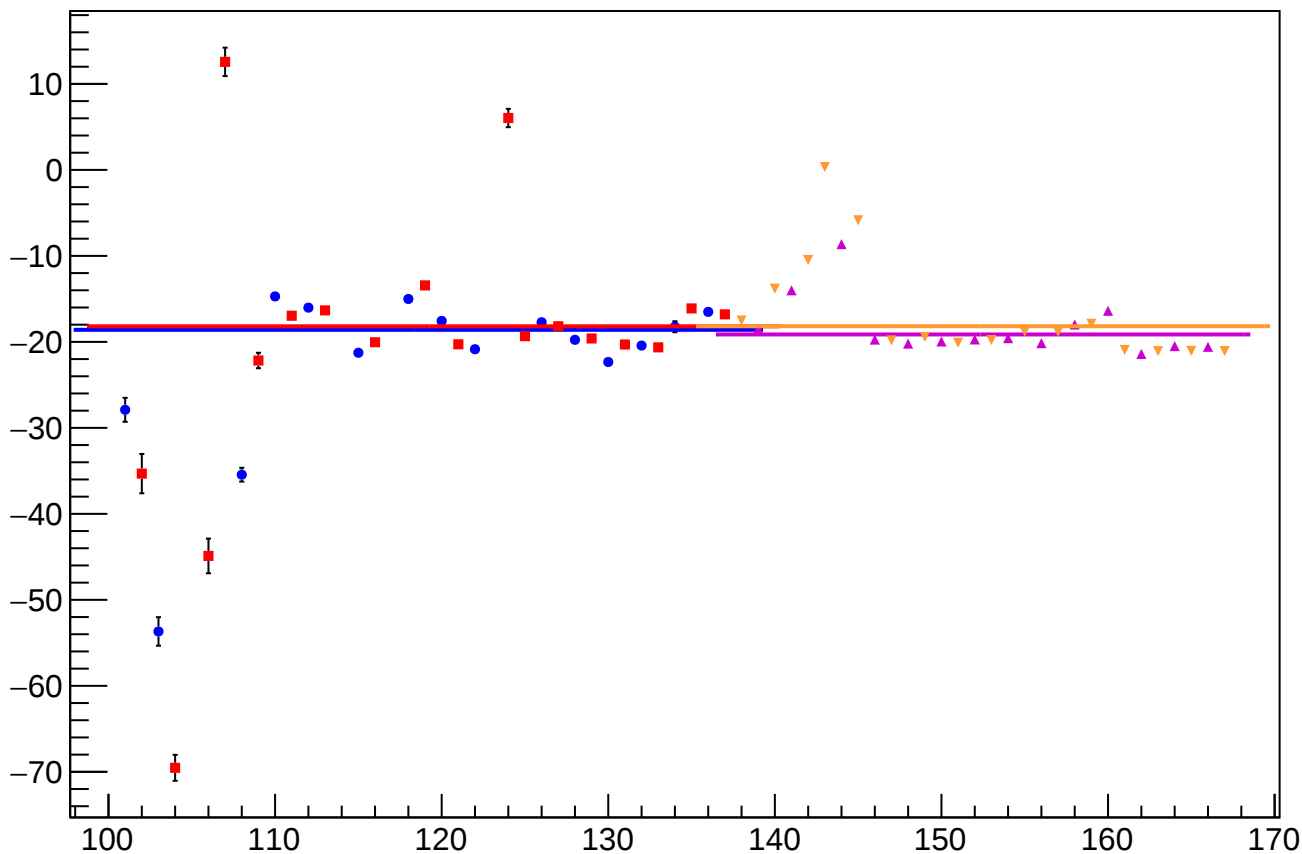
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.510 ± 0.015 $\chi^2/\text{NDF}: 8496.6/28$

Out: 11.500 ± 0.016 $\chi^2/\text{NDF}: 36266.8/33$

All: 12.039 ± 0.011 $\chi^2/\text{NDF}: 46852.2/62$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -18.179 ± 0.020 χ^2/NDF : 50055.6/15

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.136 ± 0.020 χ^2/NDF : 8694.1/13

Left: -18.665 ± 0.014 χ^2/NDF : 59925.5/29

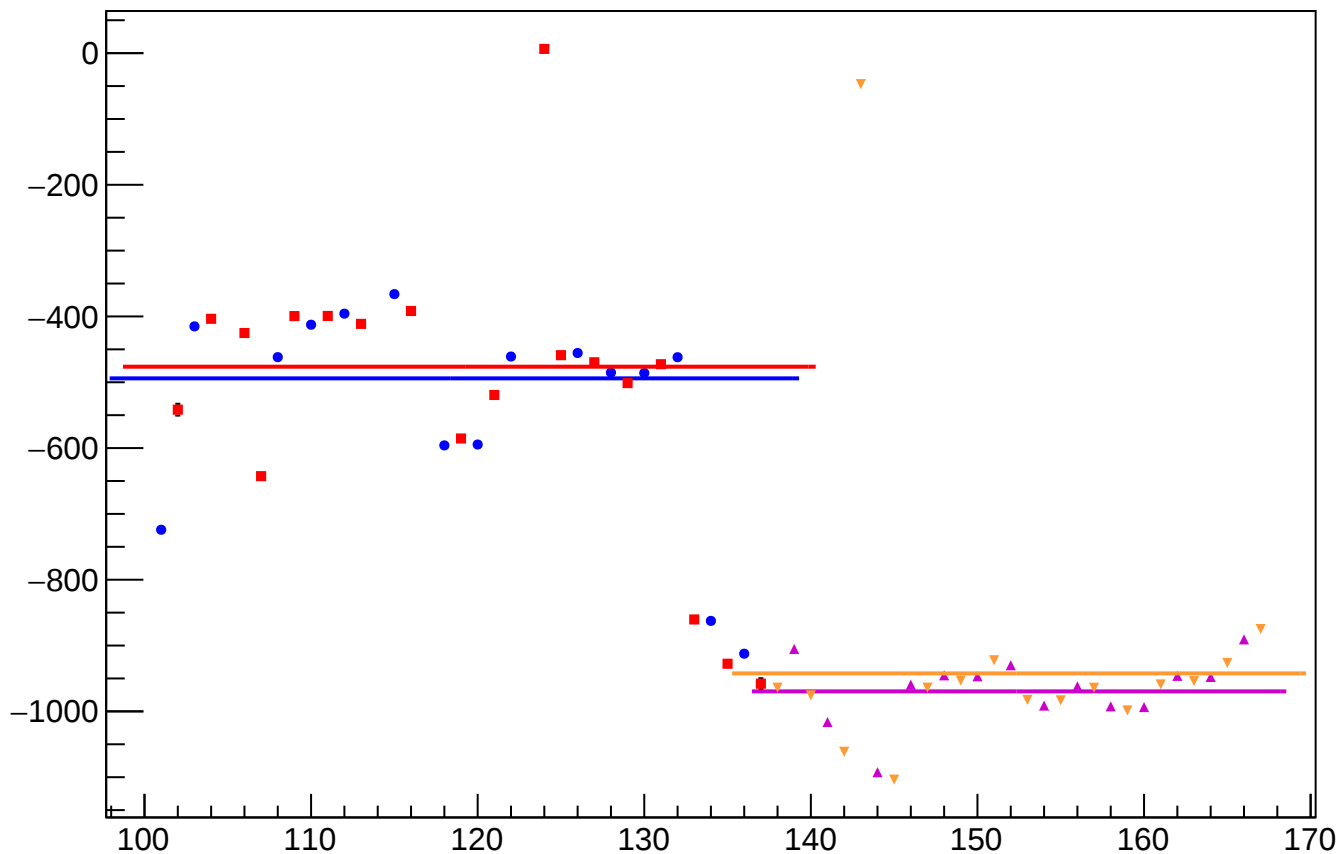
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.019 ± 0.017 χ^2/NDF : 15048.2/28

Out: -18.180 ± 0.018 χ^2/NDF : 54936.7/33

All: -18.626 ± 0.013 χ^2/NDF : 71082.1/62

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -942.301 ± 0.187 $\chi^2/\text{NDF}: 342644.1/15$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -969.641 ± 0.193 $\chi^2/\text{NDF}: 33286.5/13$

Left: -955.587 ± 0.134 $\chi^2/\text{NDF}: 386290.7/29$

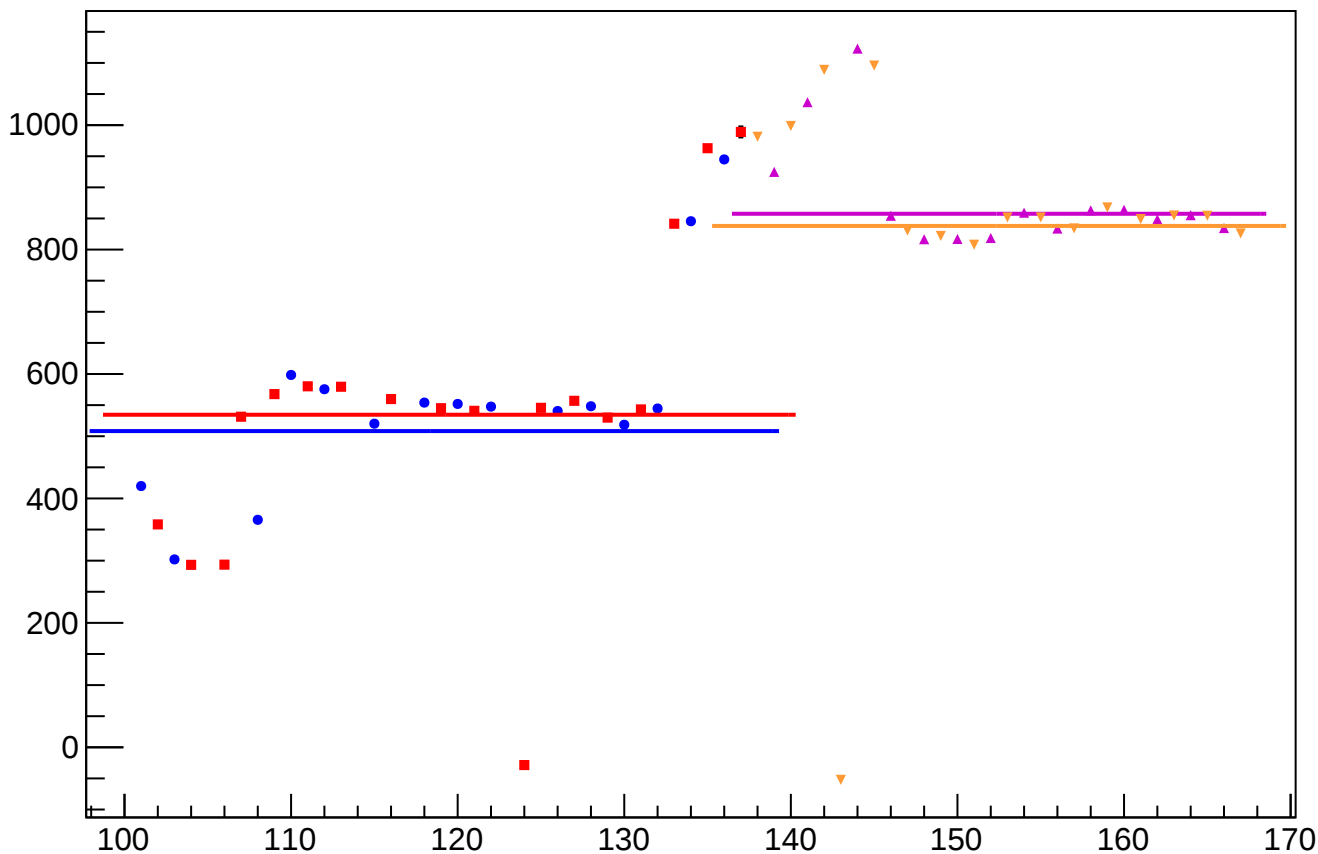
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -775.721 ± 0.148 $\chi^2/\text{NDF}: 2845599.1/28$

Out: -706.668 ± 0.132 $\chi^2/\text{NDF}: 4068092.9/33$

All: -737.122 ± 0.098 $\chi^2/\text{NDF}: 7035027.2/62$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 837.996 $\pm$ 0.152 χ^2 /NDF:415854.3/15

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 857.563 $\pm$ 0.157 χ^2 /NDF:88135.9/13

Left: 847.486 $\pm$ 0.109 χ^2 /NDF: 512038.3/29

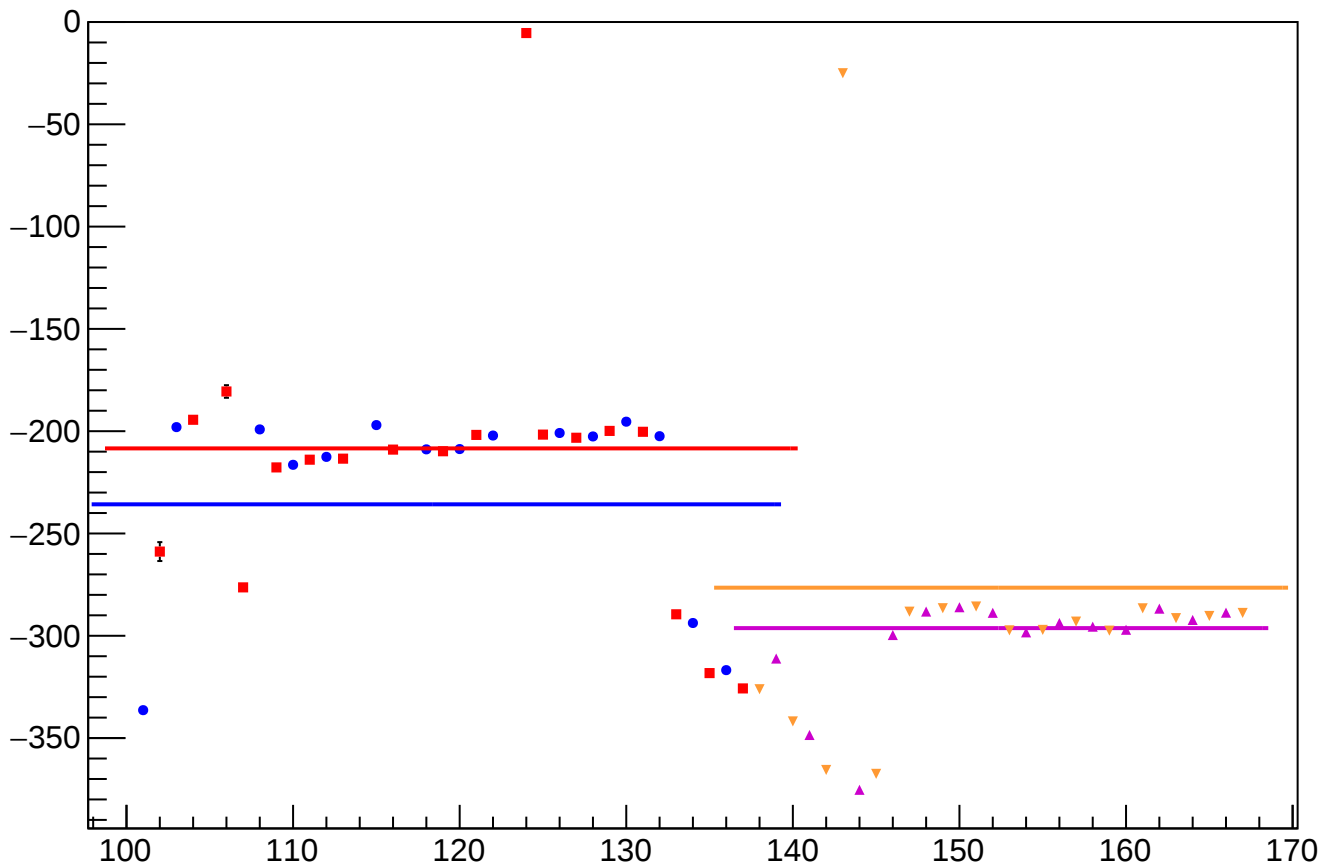
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 741.350 $\pm$ 0.128 χ^2 /NDF:2184505.0/28

Out: 738.312 $\pm$ 0.124 χ^2 /NDF:2095228.8/33

All: 739.790 $\pm$ 0.089 χ^2 /NDF: 4280023.7/62

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -276.492 ± 0.026 $\chi^2/\text{NDF}: 6360281.5/15$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -296.257 ± 0.027 $\chi^2/\text{NDF}: 249669.4/13$

Left: -285.984 ± 0.019 $\chi^2/\text{NDF}: 6888788.6/29$

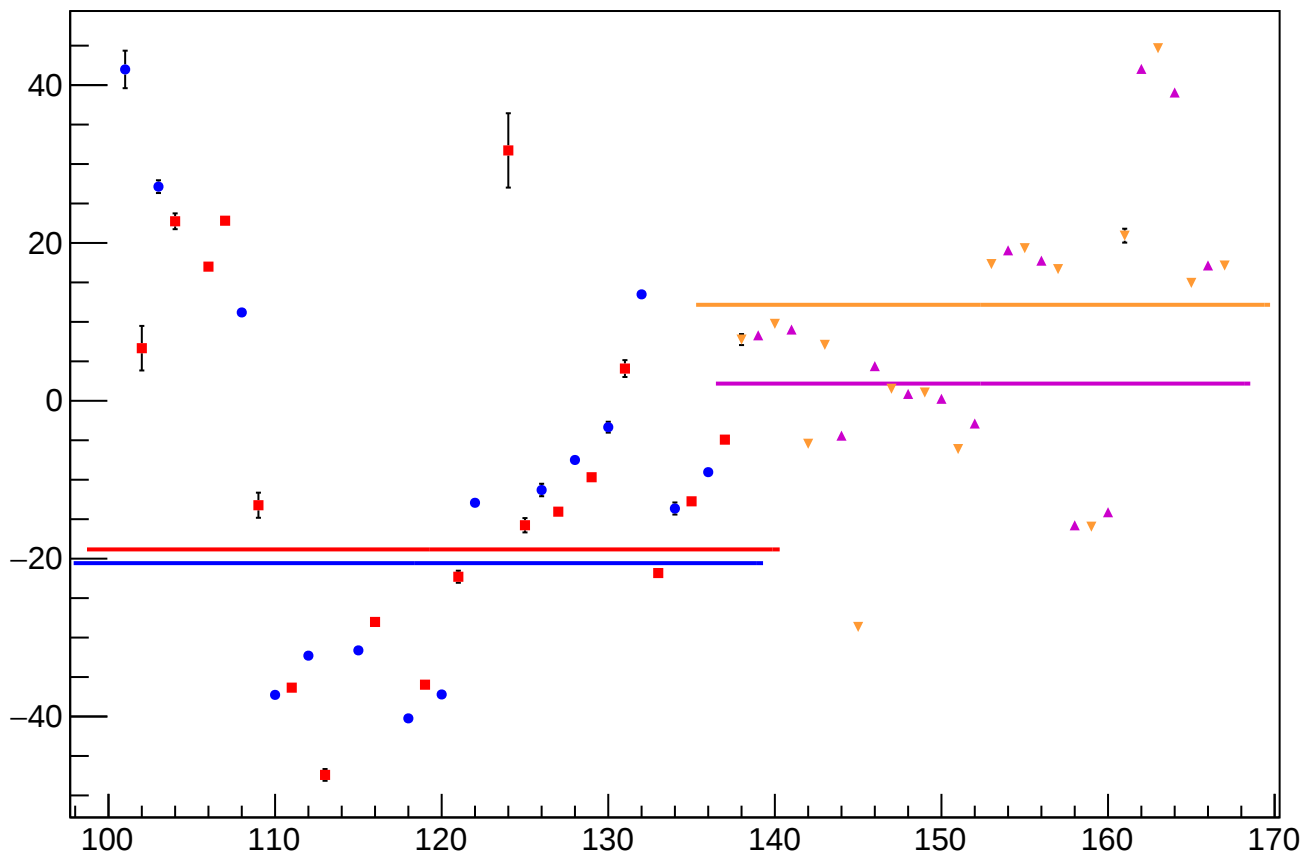
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.594 ± 0.024 $\chi^2/\text{NDF}: 2095046.4/28$

Out: -260.465 ± 0.023 $\chi^2/\text{NDF}: 8357045.0/33$

All: -271.726 ± 0.017 $\chi^2/\text{NDF}: 10980334.0/6$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 12.164 ± 0.027 χ^2/NDF : 433121.0/15

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.180 ± 0.022 χ^2/NDF : 638960.3/13

Left: 6.083 ± 0.017 χ^2/NDF : 1154294.0/29

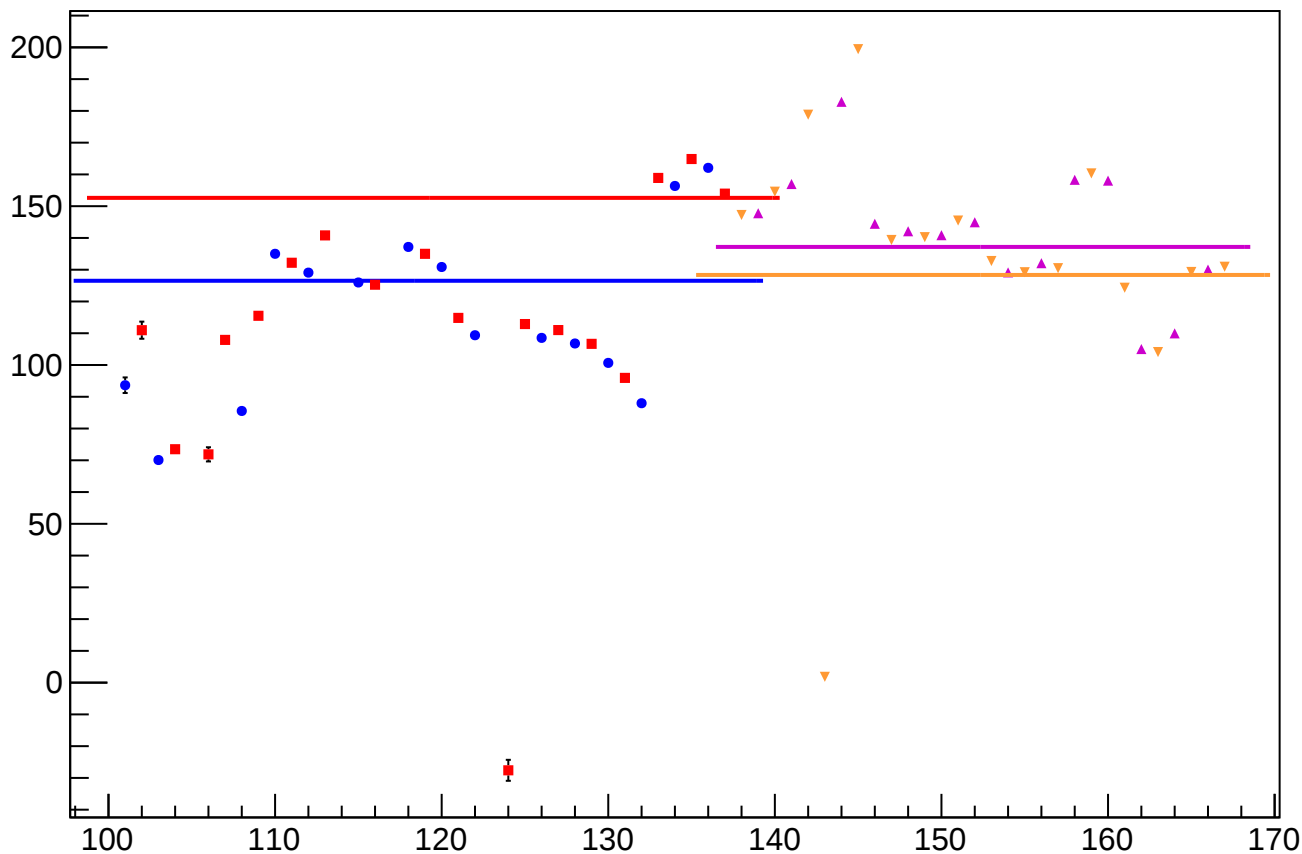
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 0.242 ± 0.021 χ^2/NDF : 795395.4/28

Out: 10.319 ± 0.026 χ^2/NDF : 531425.1/33

All: 4.115 ± 0.016 χ^2/NDF : 1416834.8/62

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 +/- 0.084 χ^2/NDF : 114967.3/14

Left Out: 128.352 +/- 0.033 χ^2/NDF : 602687.6/15

Right Out: 152.620 +/- 0.030 χ^2/NDF : 74022.9/17

Left In: 137.177 +/- 0.029 χ^2/NDF : 355965.5/13

Left: 133.352 +/- 0.022 χ^2/NDF : 998115.7/29

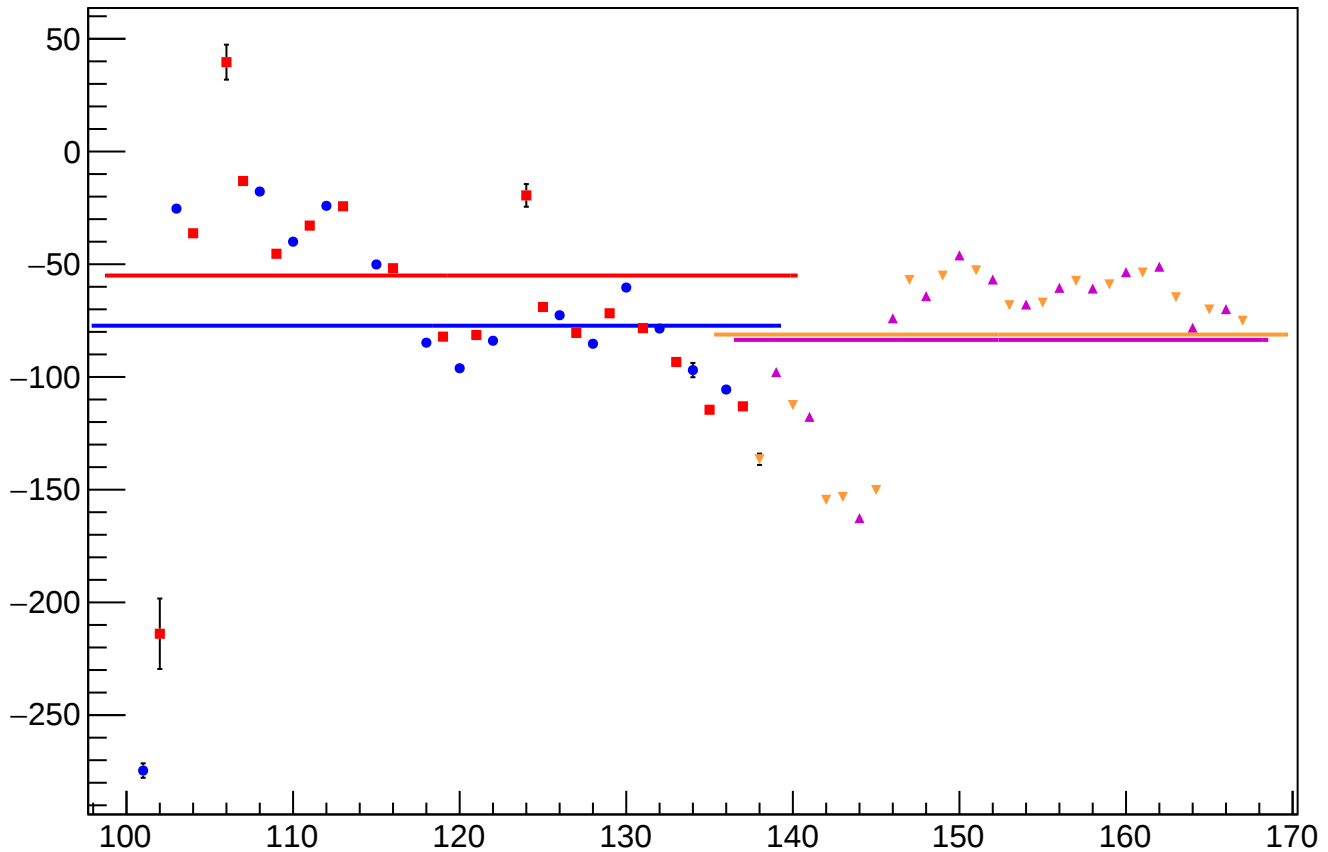
Right: 149.605 +/- 0.029 χ^2/NDF : 274404.9/32

In: 136.024 +/- 0.028 χ^2/NDF : 485295.8/28

Out: 141.657 +/- 0.022 χ^2/NDF : 965493.3/33

All: 139.413 +/- 0.017 χ^2/NDF : 1475818.2/62

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -81.190 ± 0.145 χ^2/NDF : 57055.1/15

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -83.551 ± 0.151 χ^2/NDF : 57436.0/13

Left: -82.322 ± 0.104 χ^2/NDF : 114618.8/29

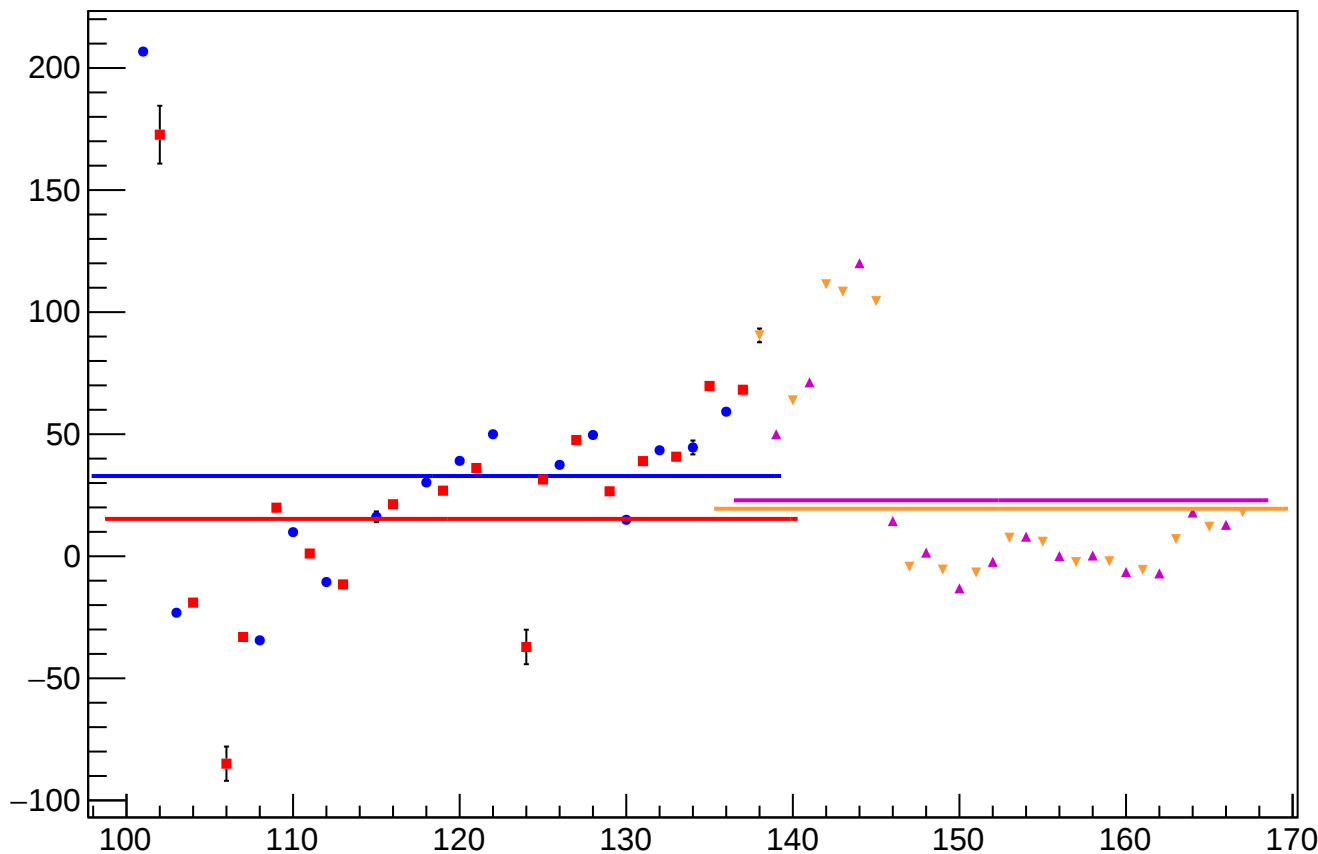
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.317 ± 0.105 χ^2/NDF : 88688.3/28

Out: -71.597 ± 0.115 χ^2/NDF : 92685.7/33

All: -76.358 ± 0.078 χ^2/NDF : 184504.1/62

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 19.457 ± 0.126 $\chi^2/\text{NDF}: 89026.0/15$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 22.921 ± 0.133 $\chi^2/\text{NDF}: 86505.5/13$

Left: 21.093 ± 0.091 $\chi^2/\text{NDF}: 175891.2/29$

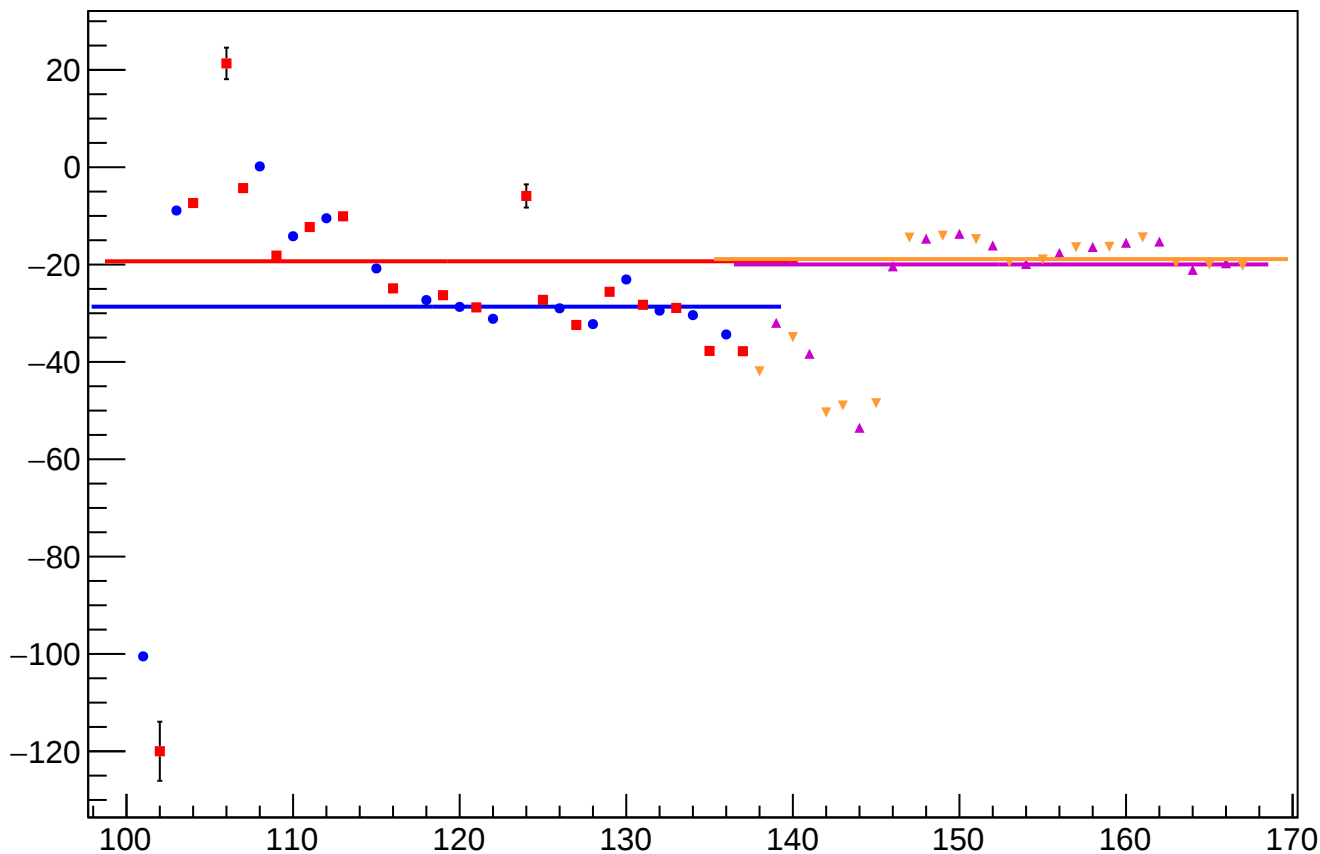
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 27.421 ± 0.098 $\chi^2/\text{NDF}: 120441.0/28$

Out: 18.363 ± 0.108 $\chi^2/\text{NDF}: 106060.1/33$

All: 23.308 ± 0.073 $\chi^2/\text{NDF}: 230363.5/62$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.871 ± 0.016 χ^2/NDF : 223775.9/15

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.970 ± 0.018 χ^2/NDF : 193143.2/13

Left: -19.382 ± 0.012 χ^2/NDF : 419016.1/29

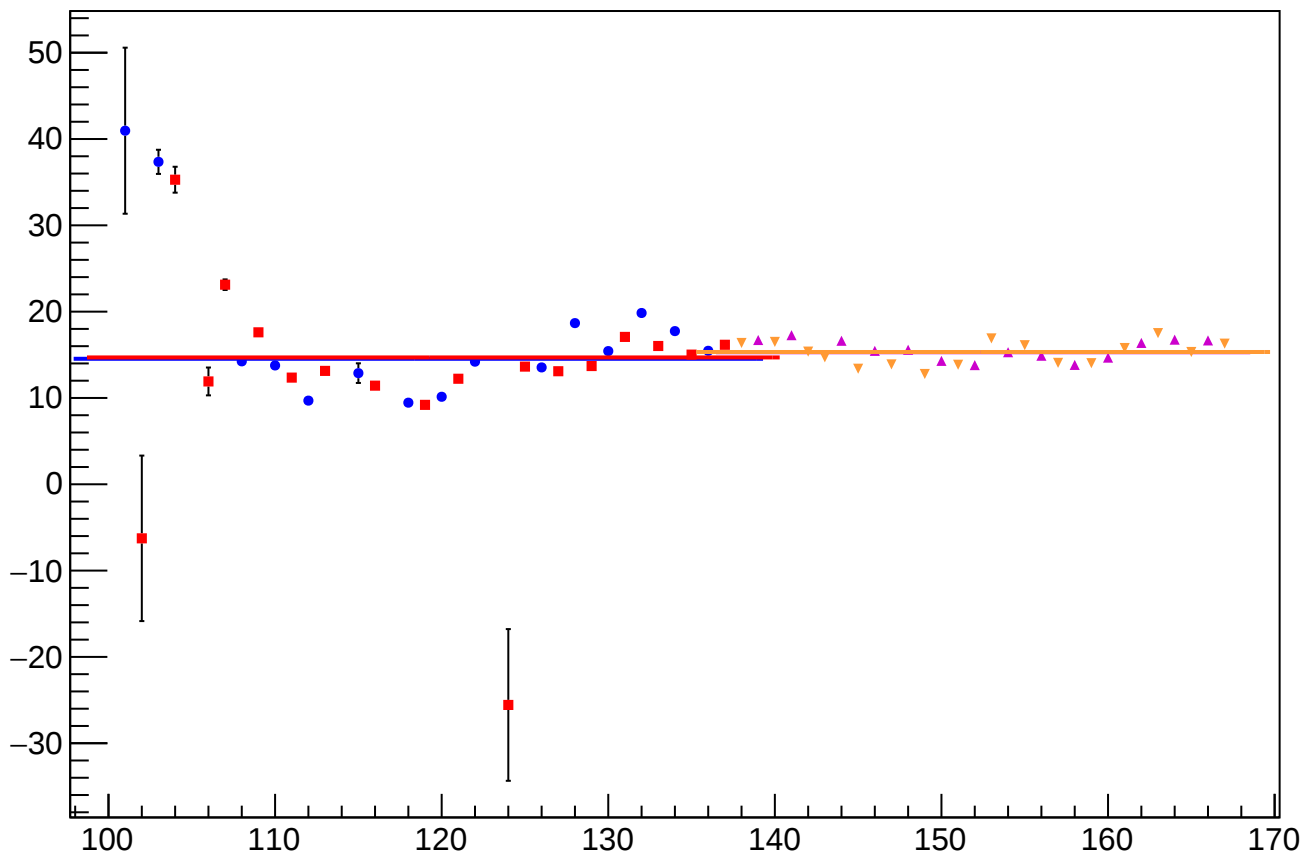
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.775 ± 0.016 χ^2/NDF : 357373.2/28

Out: -18.938 ± 0.015 χ^2/NDF : 280468.0/33

All: -20.309 ± 0.011 χ^2/NDF : 654877.5/62

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.326+/-0.016 χ^2/NDF : 6645.1/15

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.297+/-0.017 χ^2/NDF : 4438.8/13

Left: 15.312+/-0.012 χ^2/NDF : 11085.4/29

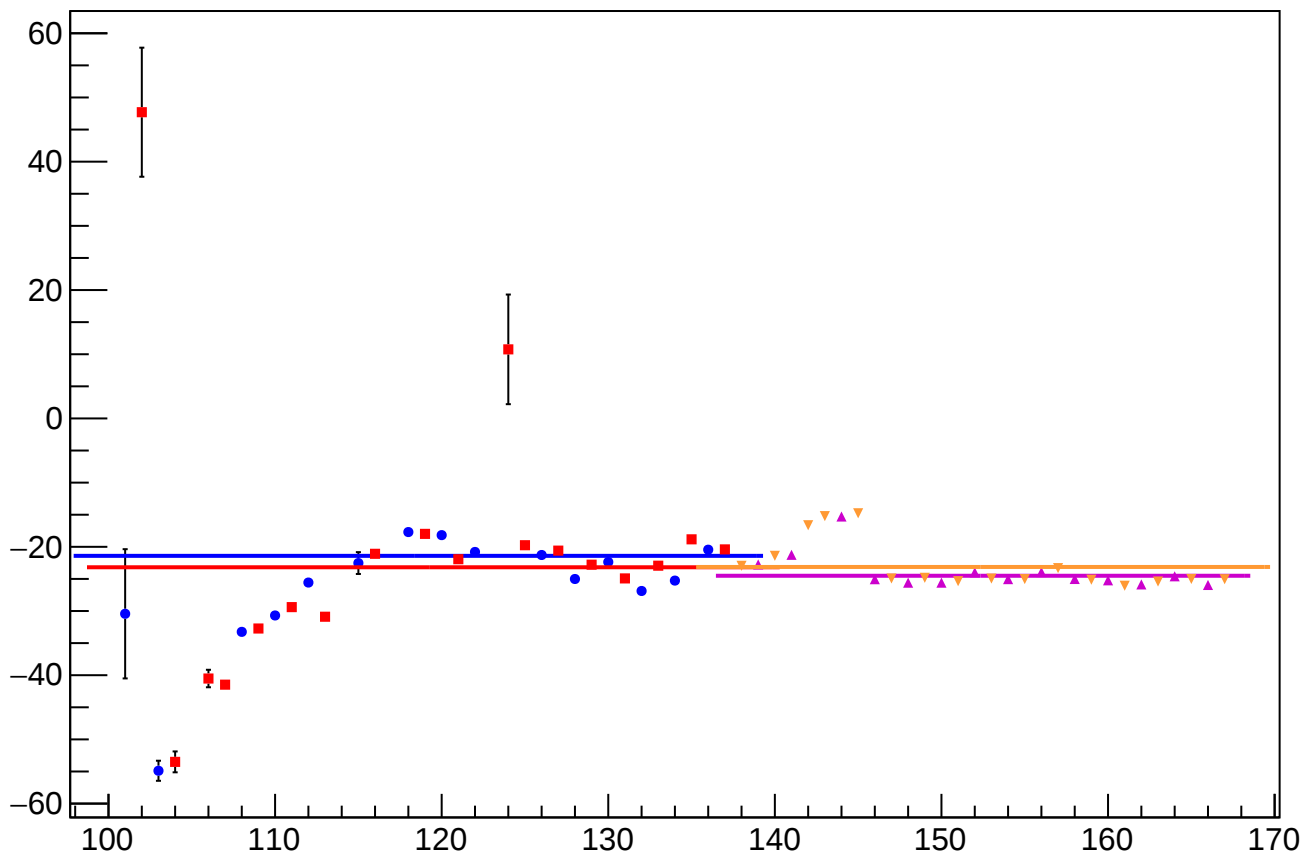
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.118+/-0.014 χ^2/NDF : 17004.0/28

Out: 15.249+/-0.015 χ^2/NDF : 8462.7/33

All: 15.180+/-0.010 χ^2/NDF : 25505.9/62

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.138 ± 0.021 $\chi^2/\text{NDF}: 30103.9/15$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.508 ± 0.020 $\chi^2/\text{NDF}: 7950.7/13$

Left: -23.862 ± 0.014 $\chi^2/\text{NDF}: 40347.9/29$

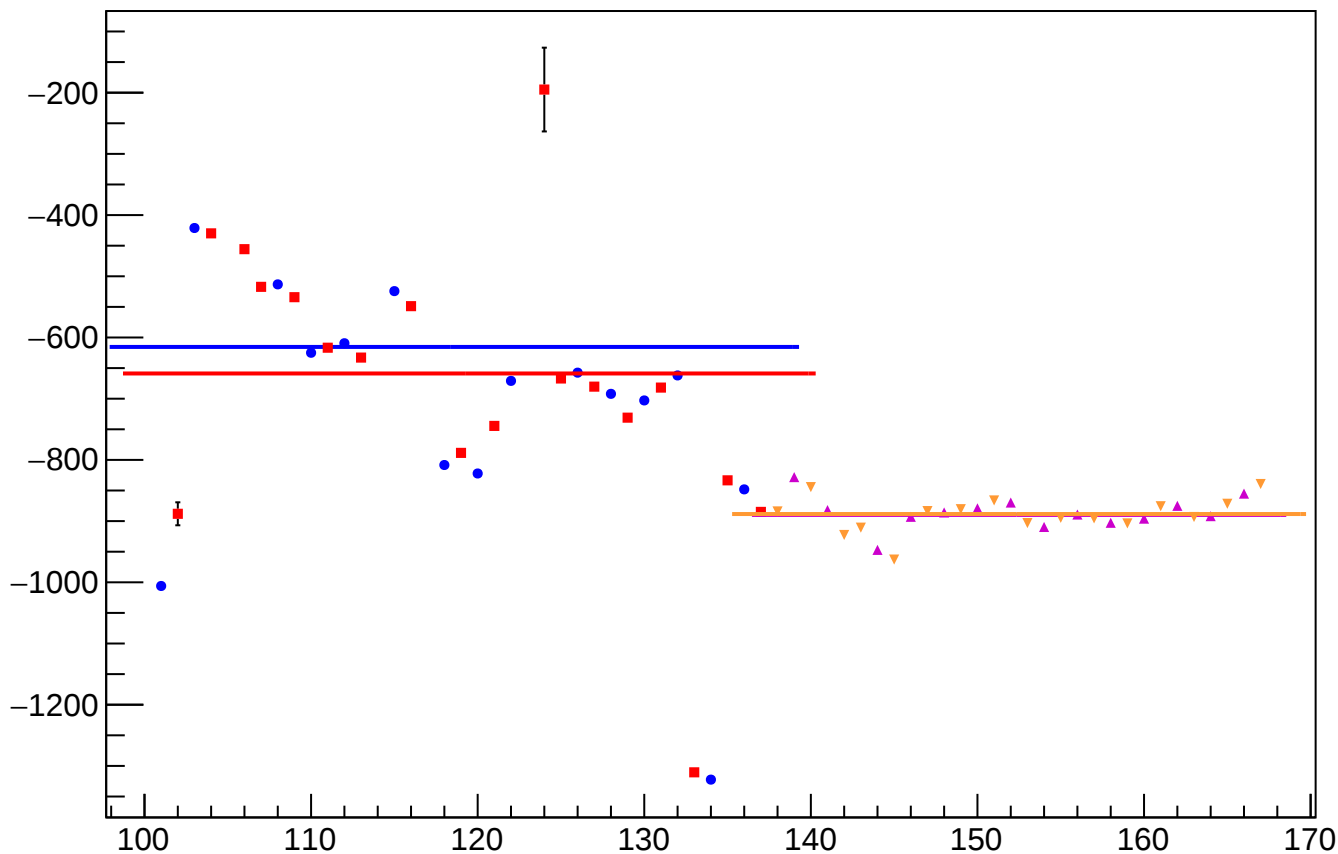
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.783 ± 0.017 $\chi^2/\text{NDF}: 23464.3/28$

Out: -23.145 ± 0.019 $\chi^2/\text{NDF}: 39231.5/33$

All: -23.500 ± 0.013 $\chi^2/\text{NDF}: 63306.9/62$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -888.435 ± 0.165 $\chi^2/\text{NDF}: 18809.1/15$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -889.955 ± 0.150 $\chi^2/\text{NDF}: 14788.5/13$

Left: -889.267 ± 0.111 $\chi^2/\text{NDF}: 33644.3/29$

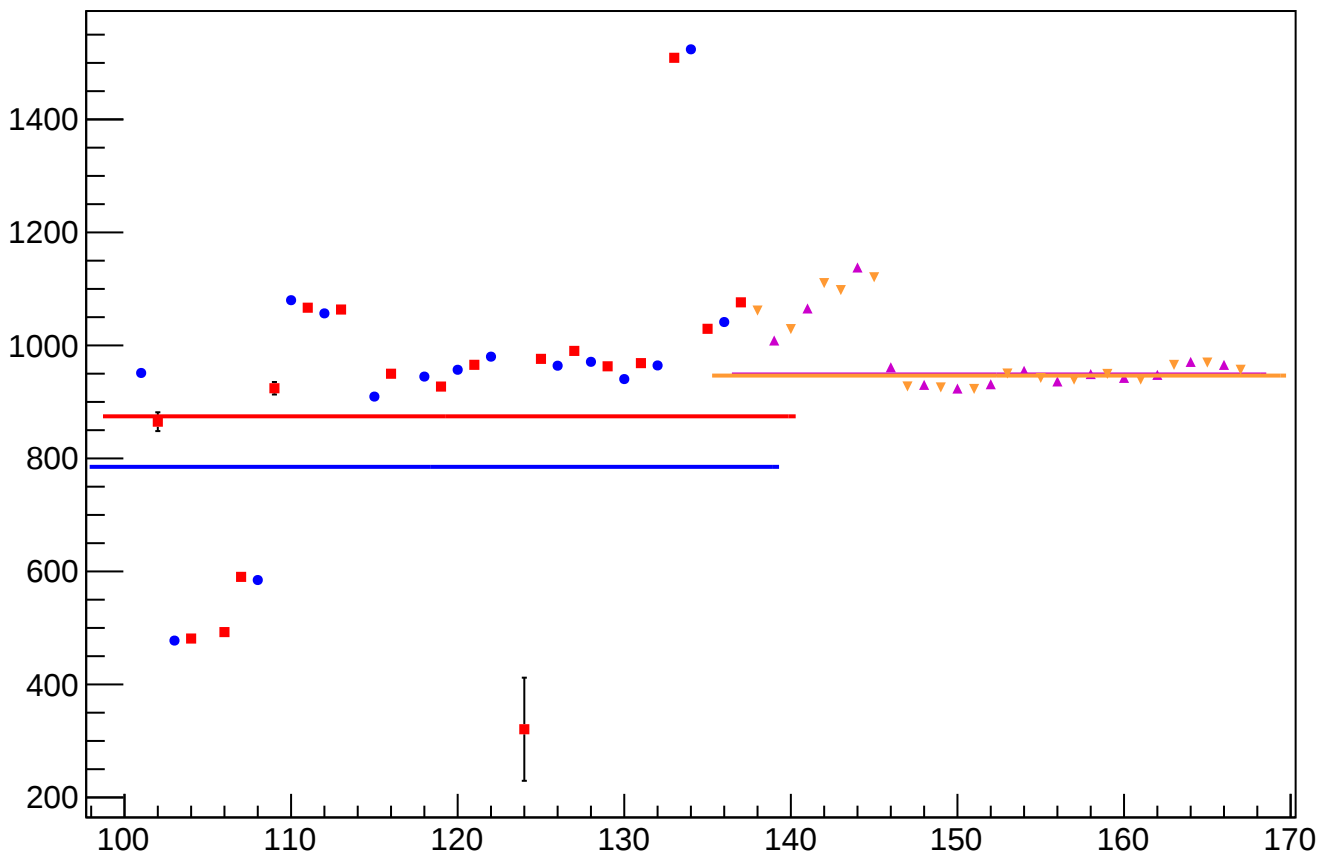
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -812.051 ± 0.127 $\chi^2/\text{NDF}: 1353815.2/28$

Out: -821.424 ± 0.138 $\chi^2/\text{NDF}: 972661.8/33$

All: -816.319 ± 0.093 $\chi^2/\text{NDF}: 2328973.8/62$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 ± 0.228 $\chi^2/\text{NDF}: 886147.1/14$

Left Out: 946.629 ± 0.134 $\chi^2/\text{NDF}: 70282.9/15$

Right Out: 874.516 ± 0.261 $\chi^2/\text{NDF}: 842565.5/17$

Left In: 948.602 ± 0.122 $\chi^2/\text{NDF}: 75224.9/13$

Left: 947.704 ± 0.090 $\chi^2/\text{NDF}: 145625.9/29$

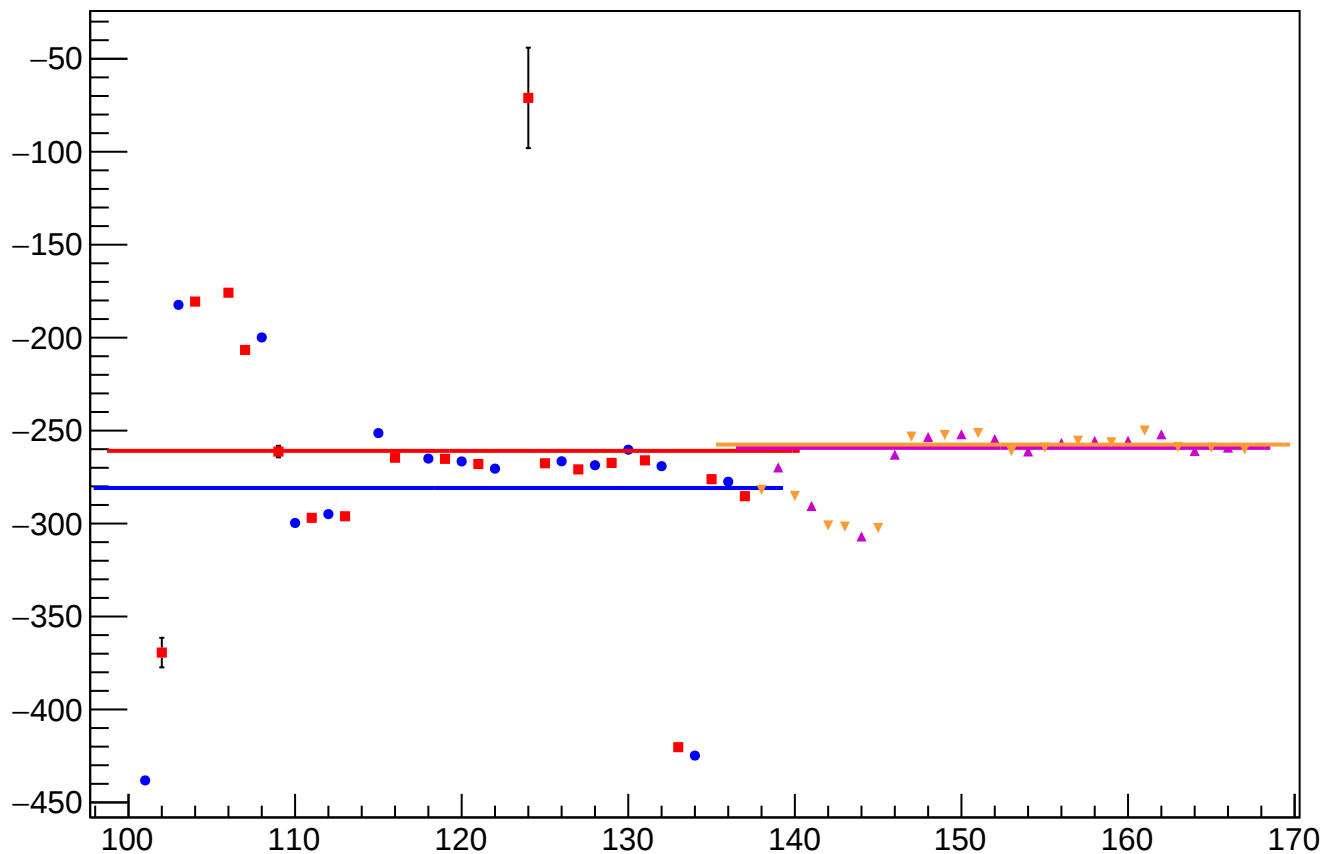
Right: 823.762 ± 0.172 $\chi^2/\text{NDF}: 1795202.4/32$

In: 911.995 ± 0.108 $\chi^2/\text{NDF}: 1360377.3/28$

Out: 931.592 ± 0.119 $\chi^2/\text{NDF}: 973149.0/33$

All: 920.813 ± 0.080 $\chi^2/\text{NDF}: 2348369.7/62$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.515 ± 0.022 $\chi^2/\text{NDF}: 169074.1/15$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.281 ± 0.022 $\chi^2/\text{NDF}: 186787.4/13$

Left: -258.408 ± 0.015 $\chi^2/\text{NDF}: 359125.6/29$

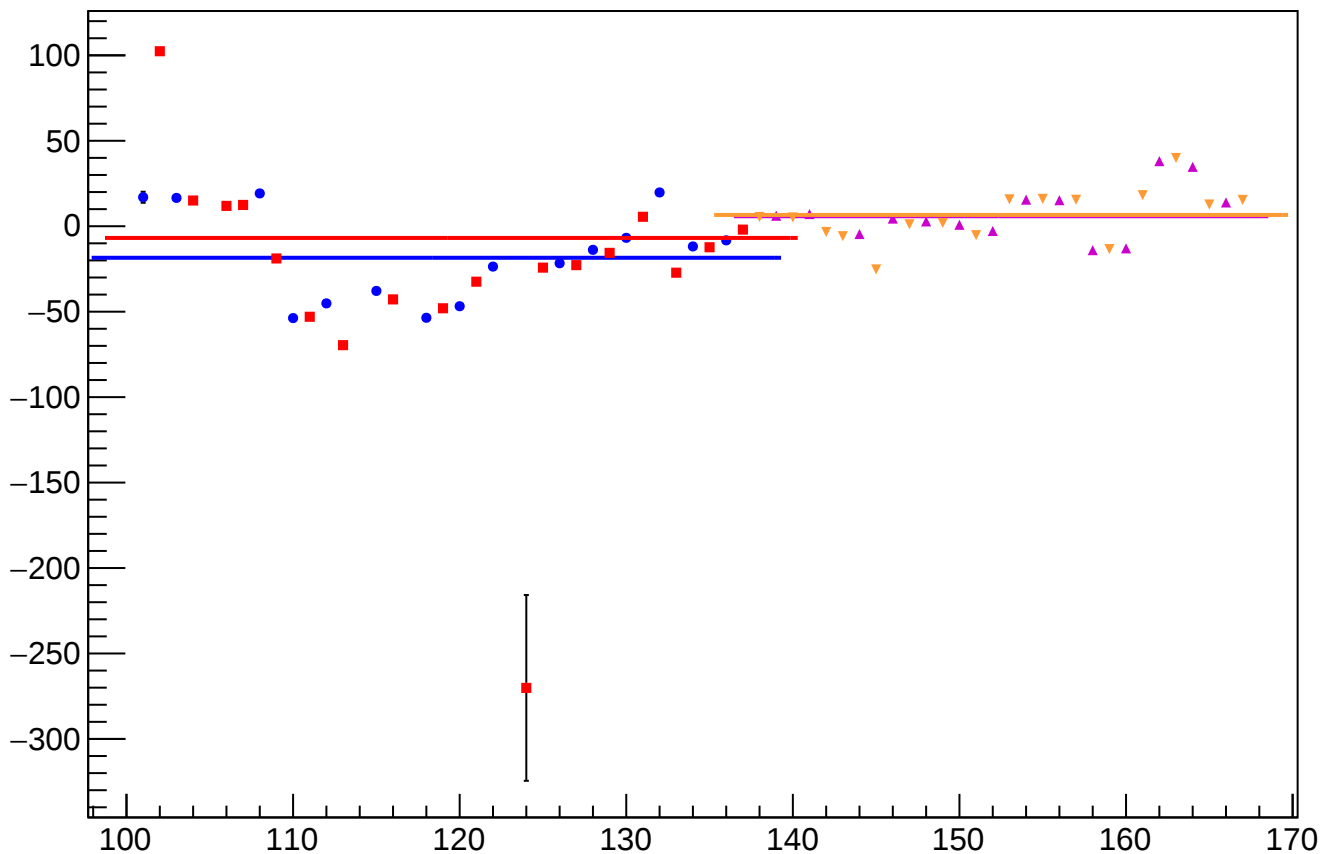
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.898 ± 0.020 $\chi^2/\text{NDF}: 1179782.1/28$

Out: -257.839 ± 0.021 $\chi^2/\text{NDF}: 519057.9/33$

All: -259.920 ± 0.015 $\chi^2/\text{NDF}: 1718162.1/62$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 6.600 ± 0.025 $\chi^2/\text{NDF}: 337754.2/15$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.849 ± 0.021 $\chi^2/\text{NDF}: 409933.9/13$

Left: 6.167 ± 0.016 $\chi^2/\text{NDF}: 748204.7/29$

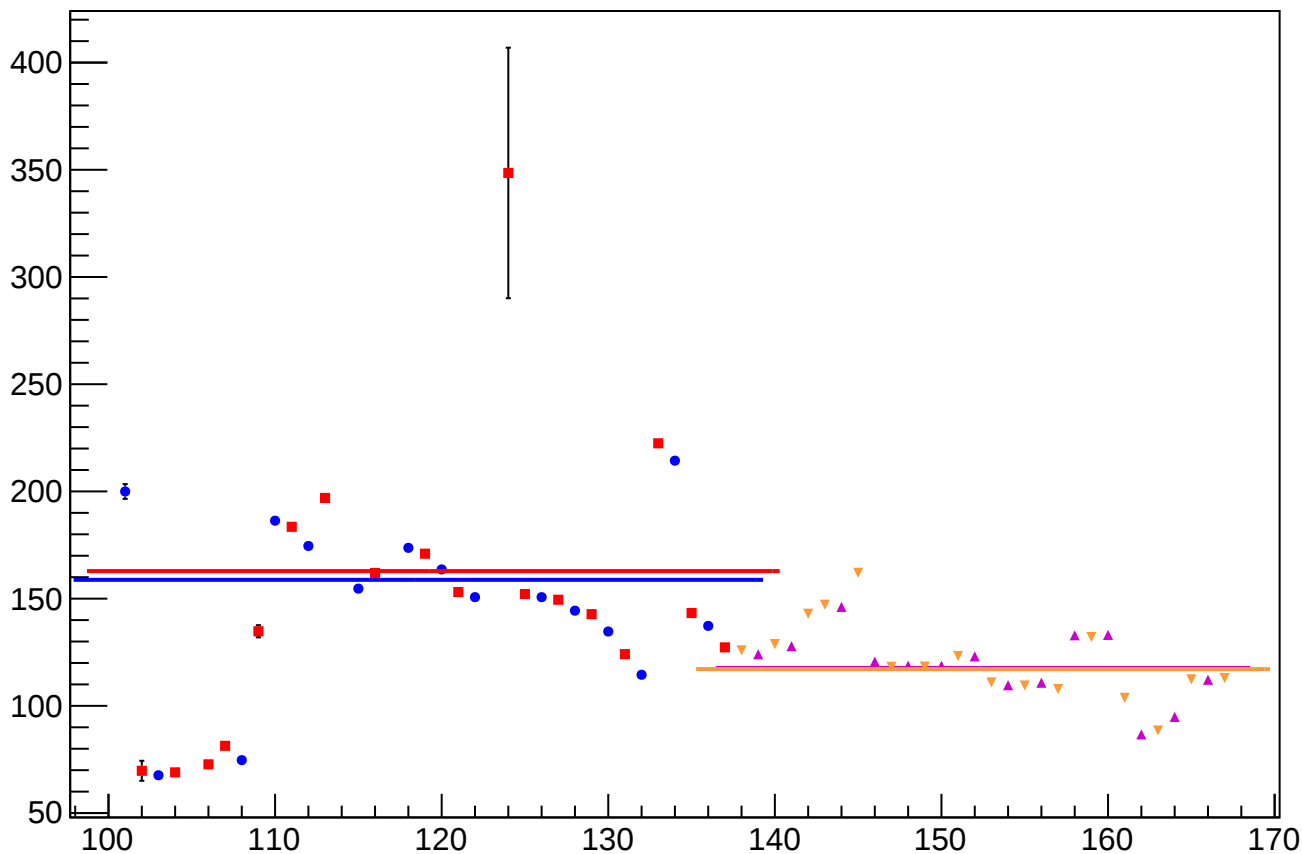
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.574 ± 0.021 $\chi^2/\text{NDF}: 523677.1/28$

Out: 4.838 ± 0.023 $\chi^2/\text{NDF}: 425435.0/33$

All: 4.691 ± 0.016 $\chi^2/\text{NDF}: 949183.0/62$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 117.146 $\pm$ 0.030 χ^2 /NDF:189776.3/15

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 117.673 $\pm$ 0.027 χ^2 /NDF:260550.1/13

Left: 117.432 $\pm$ 0.020 χ^2 /NDF: 450499.7/29

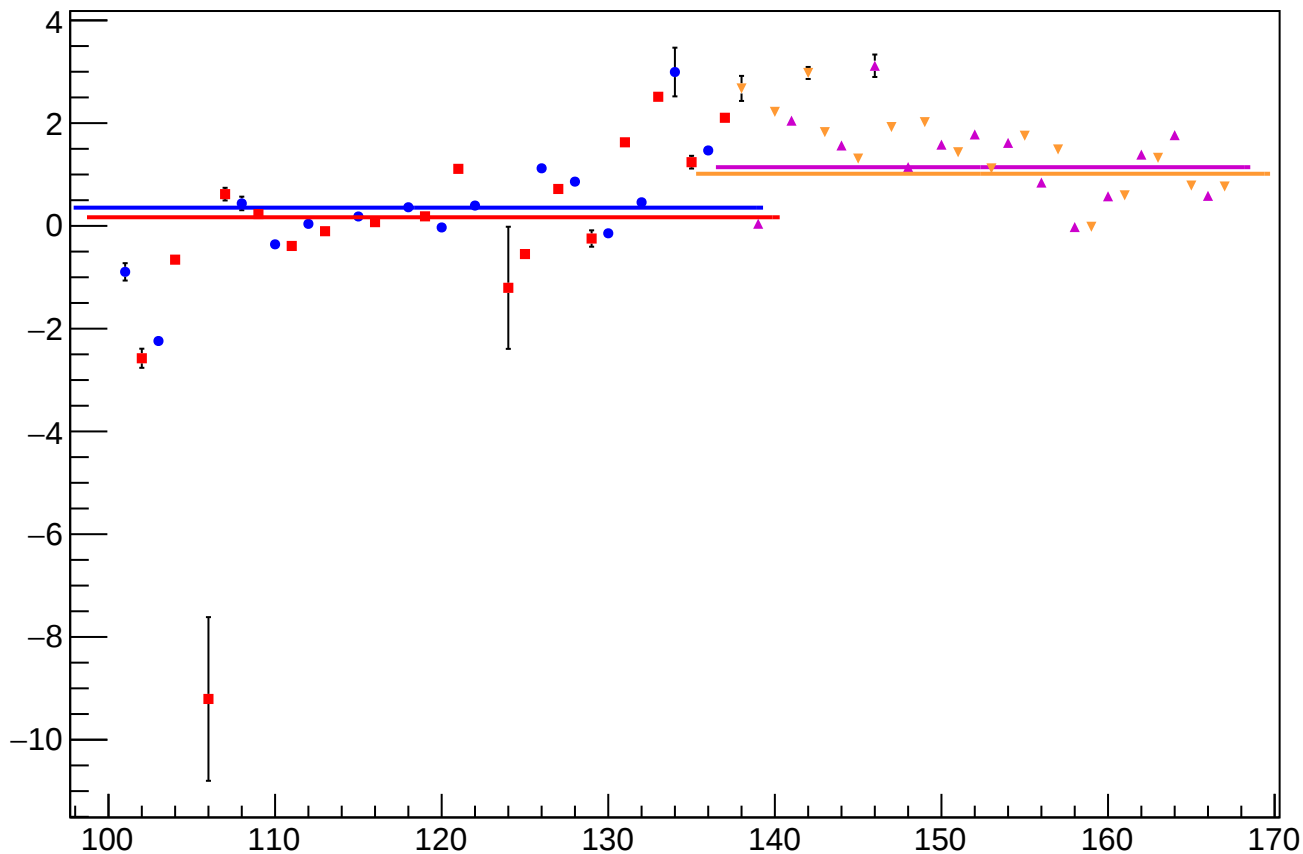
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 121.192 $\pm$ 0.026 χ^2 /NDF:617621.2/28

Out: 121.314 $\pm$ 0.028 χ^2 /NDF:564251.9/33

All: 121.248 $\pm$ 0.019 χ^2 /NDF: 1181883.2/62

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.015 ± 0.010 χ^2/NDF : 5109.9/15

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.143 ± 0.009 χ^2/NDF : 6382.9/13

Left: 1.086 ± 0.006 χ^2/NDF : 11589.9/29

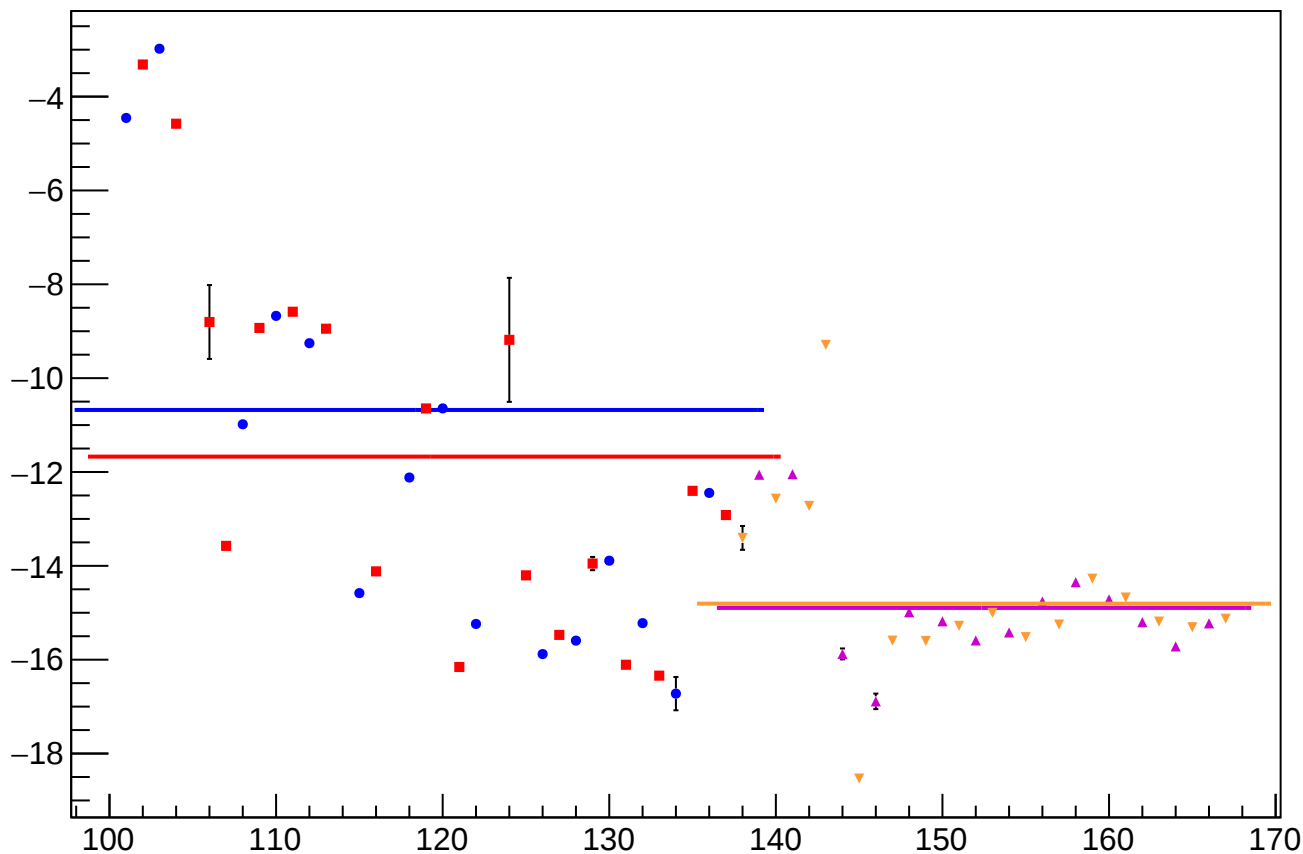
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.865 ± 0.007 χ^2/NDF : 13301.0/28

Out: 0.494 ± 0.006 χ^2/NDF : 14428.6/33

All: 0.652 ± 0.005 χ^2/NDF : 29358.6/62

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.805 $\pm$ 0.008 χ^2/NDF : 30580.0/15

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -14.897 $\pm$ 0.008 χ^2/NDF : 11844.6/13

Left: -14.851 $\pm$ 0.005 χ^2/NDF : 42494.7/29

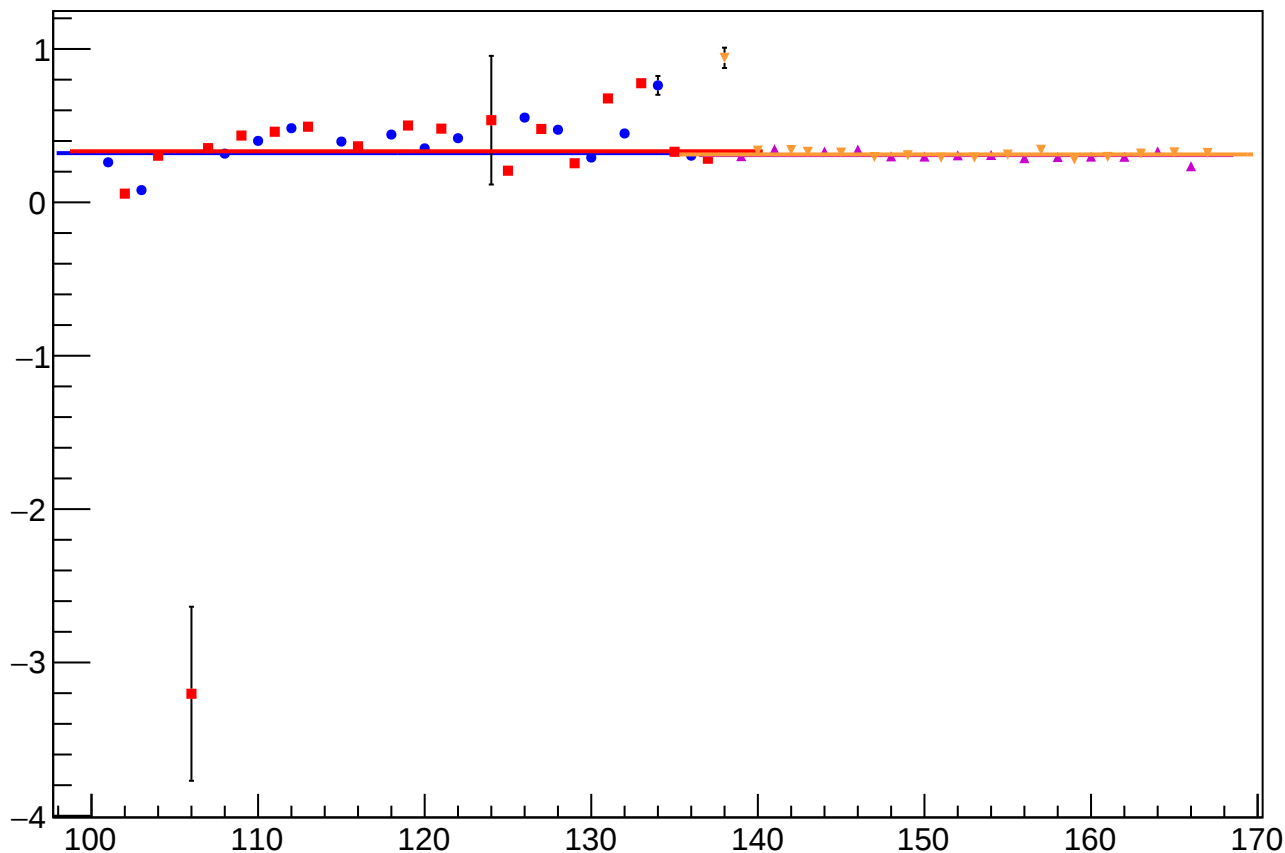
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.373 $\pm$ 0.006 χ^2/NDF : 346273.7/28

Out: -13.845 $\pm$ 0.006 χ^2/NDF : 188676.8/33

All: -13.599 $\pm$ 0.004 χ^2/NDF : 537751.4/62

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 4430.4/15

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2527.7/13

Left: 0.311+/-0.000 χ^2/NDF : 7071.1/29

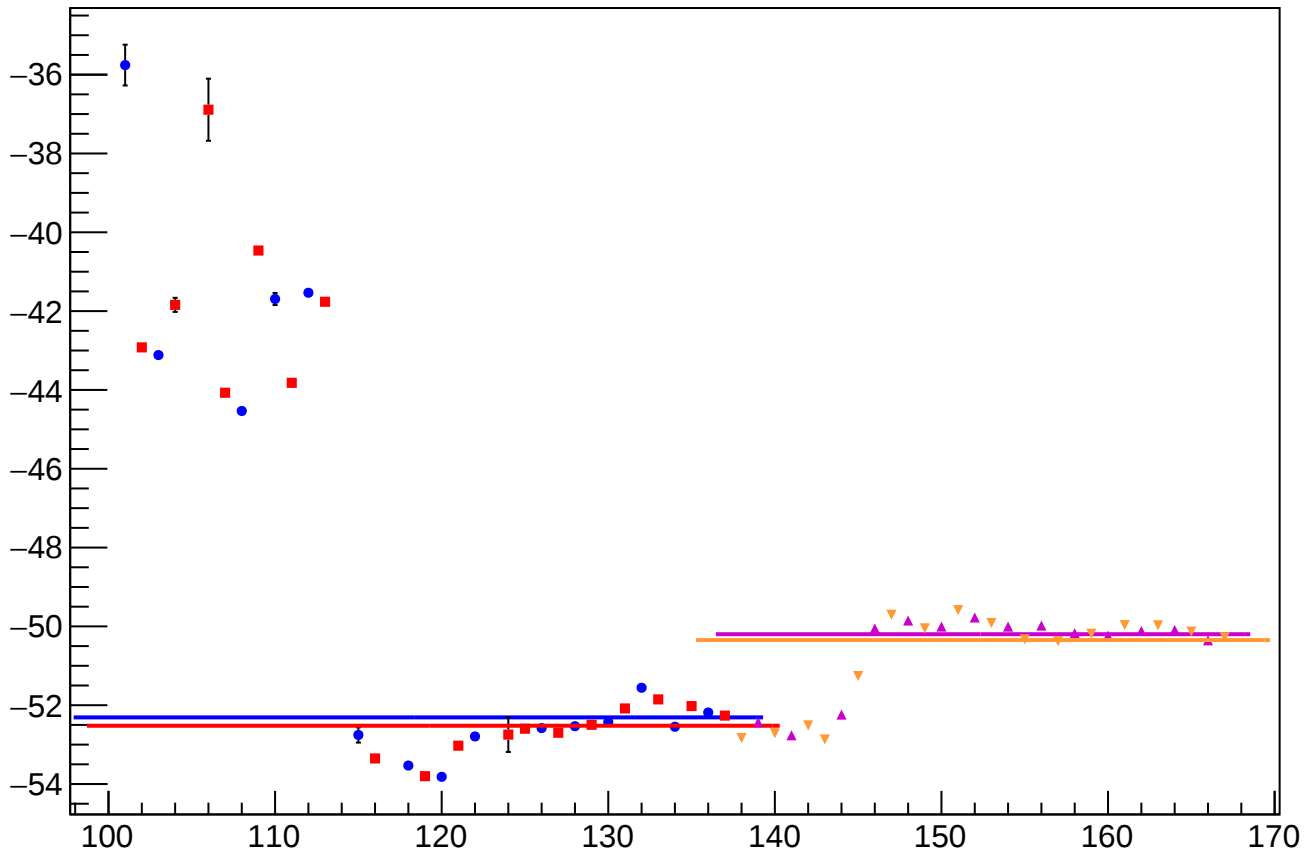
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6713.0/28

Out: 0.313+/-0.000 χ^2/NDF : 8859.0/33

All: 0.312+/-0.000 χ^2/NDF : 15677.3/62

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309+/-0.004 χ^2/NDF : 53459.2/14

Left Out: -50.347+/-0.002 χ^2/NDF : 226051.0/15

Right Out: -52.521+/-0.005 χ^2/NDF : 76616.3/17

Left In: -50.199+/-0.002 χ^2/NDF : 155444.7/13

Left: -50.260+/-0.001 χ^2/NDF : 385190.6/29

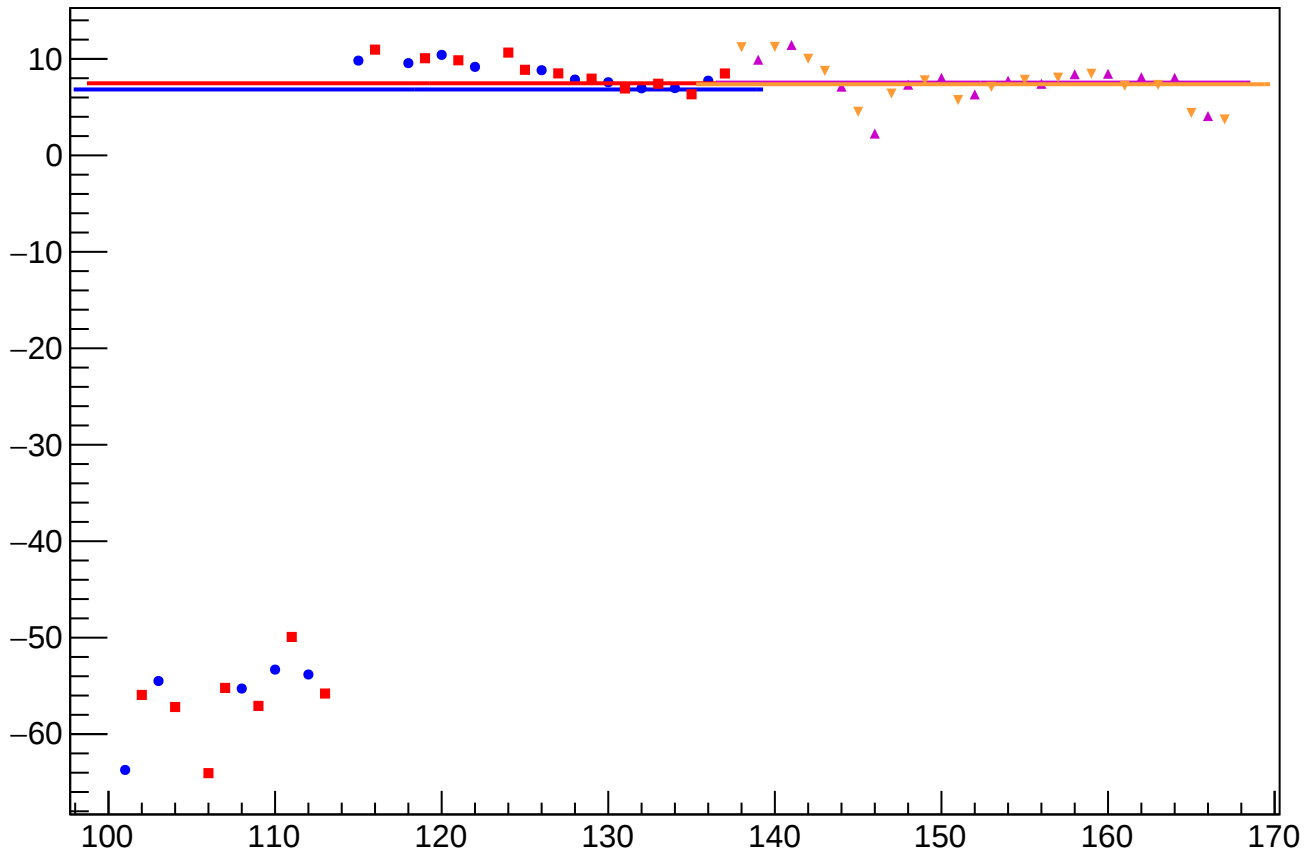
Right: -52.410+/-0.003 χ^2/NDF : 131177.9/32

In: -50.436+/-0.001 χ^2/NDF : 411776.7/28

Out: -50.653+/-0.002 χ^2/NDF : 494100.0/33

All: -50.528+/-0.001 χ^2/NDF : 914968.9/62

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 7.376 ± 0.004 χ^2/NDF : 196170.3/15

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.544 ± 0.004 χ^2/NDF : 106324.7/13

Left: 7.472 ± 0.003 χ^2/NDF : 303396.8/29

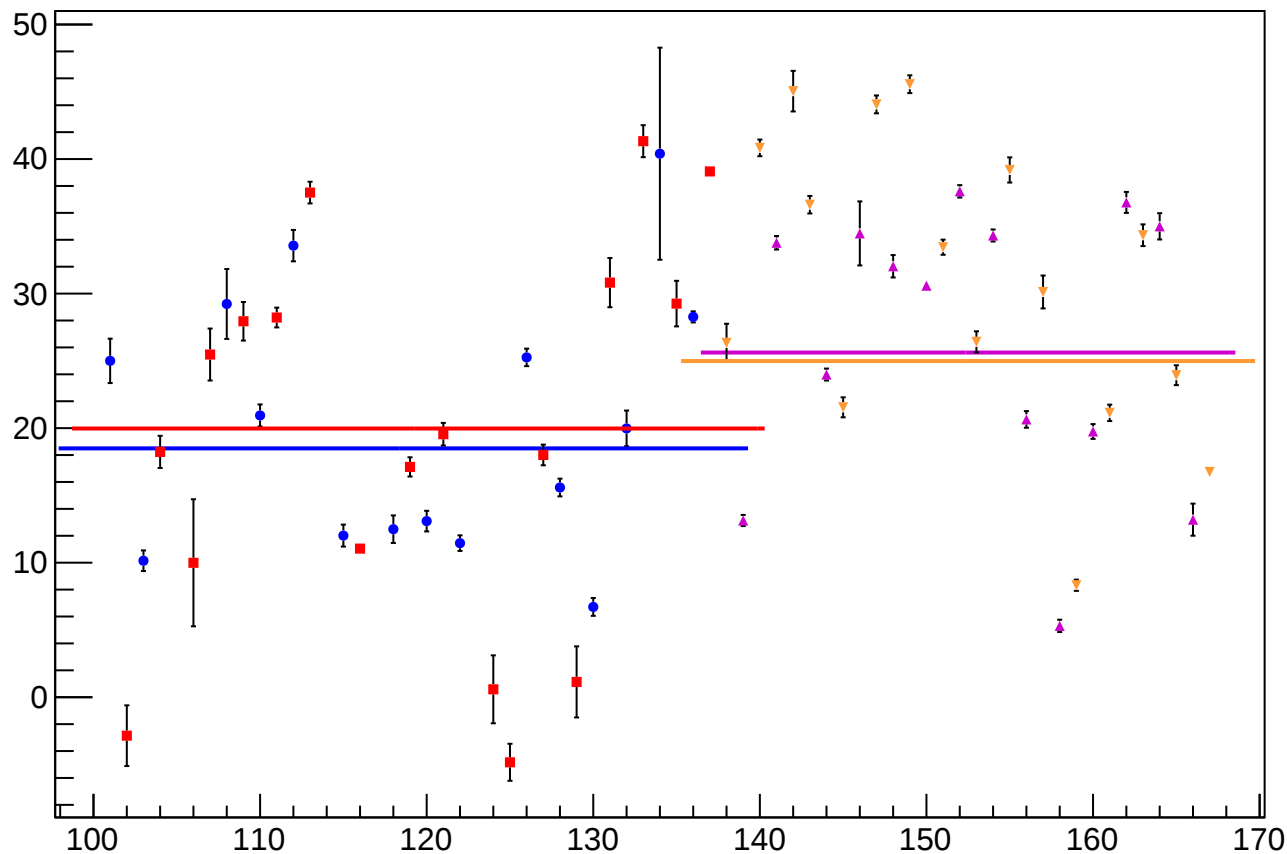
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.298 ± 0.003 χ^2/NDF : 1109779.5/28

Out: 7.393 ± 0.004 χ^2/NDF : 1391761.5/33

All: 7.333 ± 0.002 χ^2/NDF : 2501916.2/62

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 24.987 $\pm$ 0.149 χ^2 /NDF:6184.2/15

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 25.619 $\pm$ 0.142 χ^2 /NDF:5093.4/13

Left: 25.319 $\pm$ 0.103 χ^2 /NDF: 11287.0/29

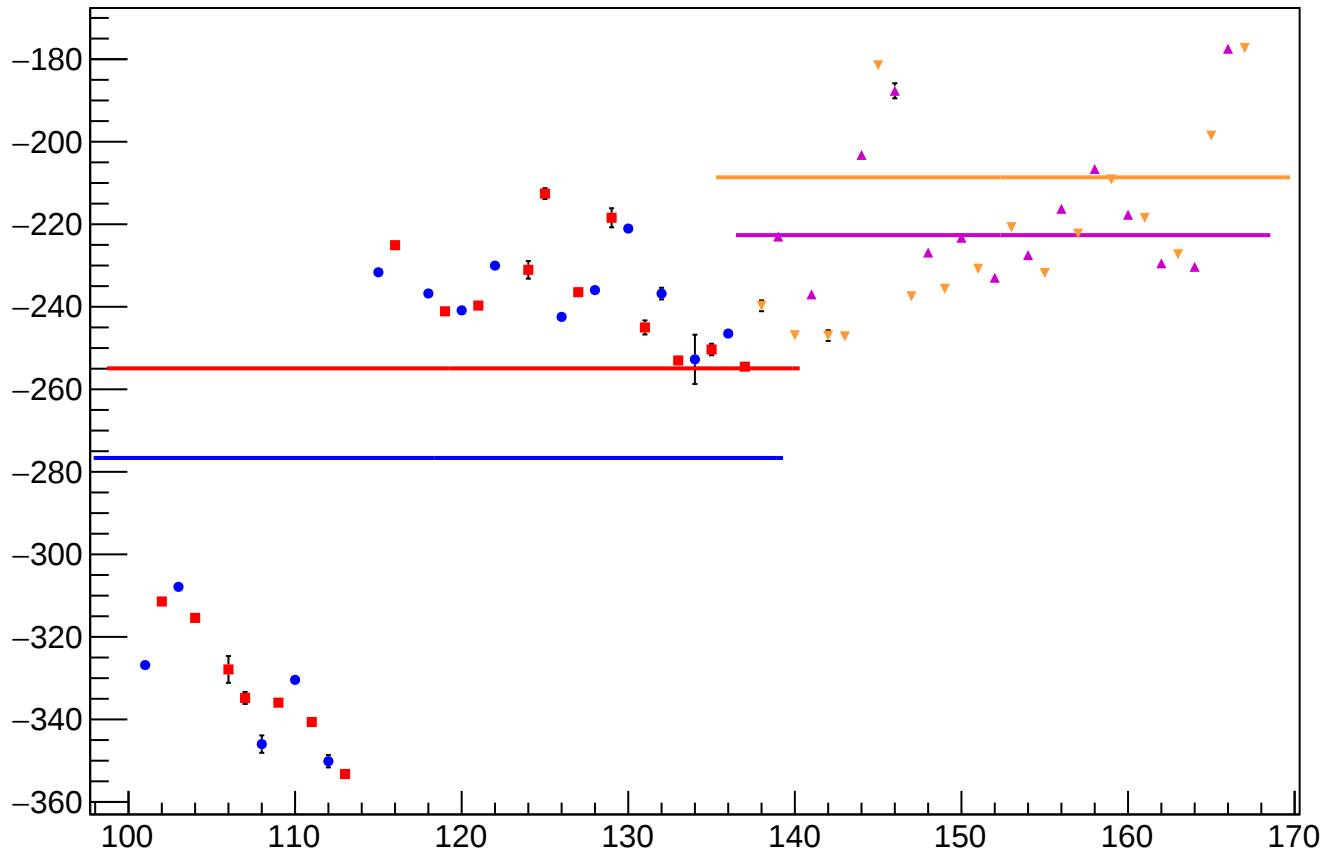
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 23.240 $\pm$ 0.116 χ^2 /NDF:7574.4/28

Out: 22.141 $\pm$ 0.098 χ^2 /NDF:16026.7/33

All: 22.601 $\pm$ 0.075 χ^2 /NDF: 23653.6/62

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -208.628 ± 0.123 χ^2/NDF : 46142.6/15

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -222.631 ± 0.122 χ^2/NDF : 7014.3/13

Left: -215.700 ± 0.086 χ^2/NDF : 59722.8/29

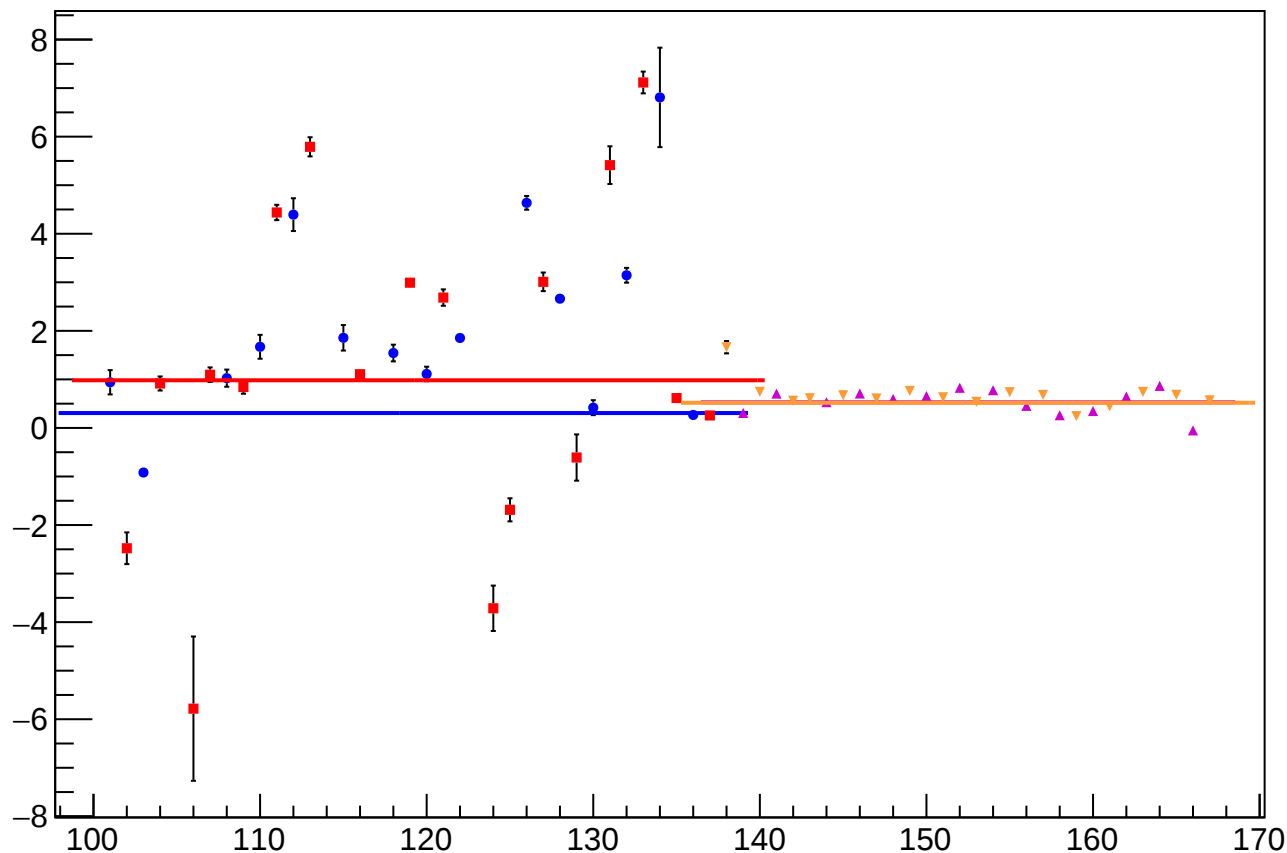
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -244.470 ± 0.094 χ^2/NDF : 163930.7/28

Out: -243.270 ± 0.062 χ^2/NDF : 224404.5/33

All: -243.631 ± 0.052 χ^2/NDF : 388449.6/62

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.518 ± 0.002 $\chi^2/\text{NDF}: 8277.4/15$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 13290.2/13$

Left: 0.524 ± 0.001 $\chi^2/\text{NDF}: 21578.0/29$

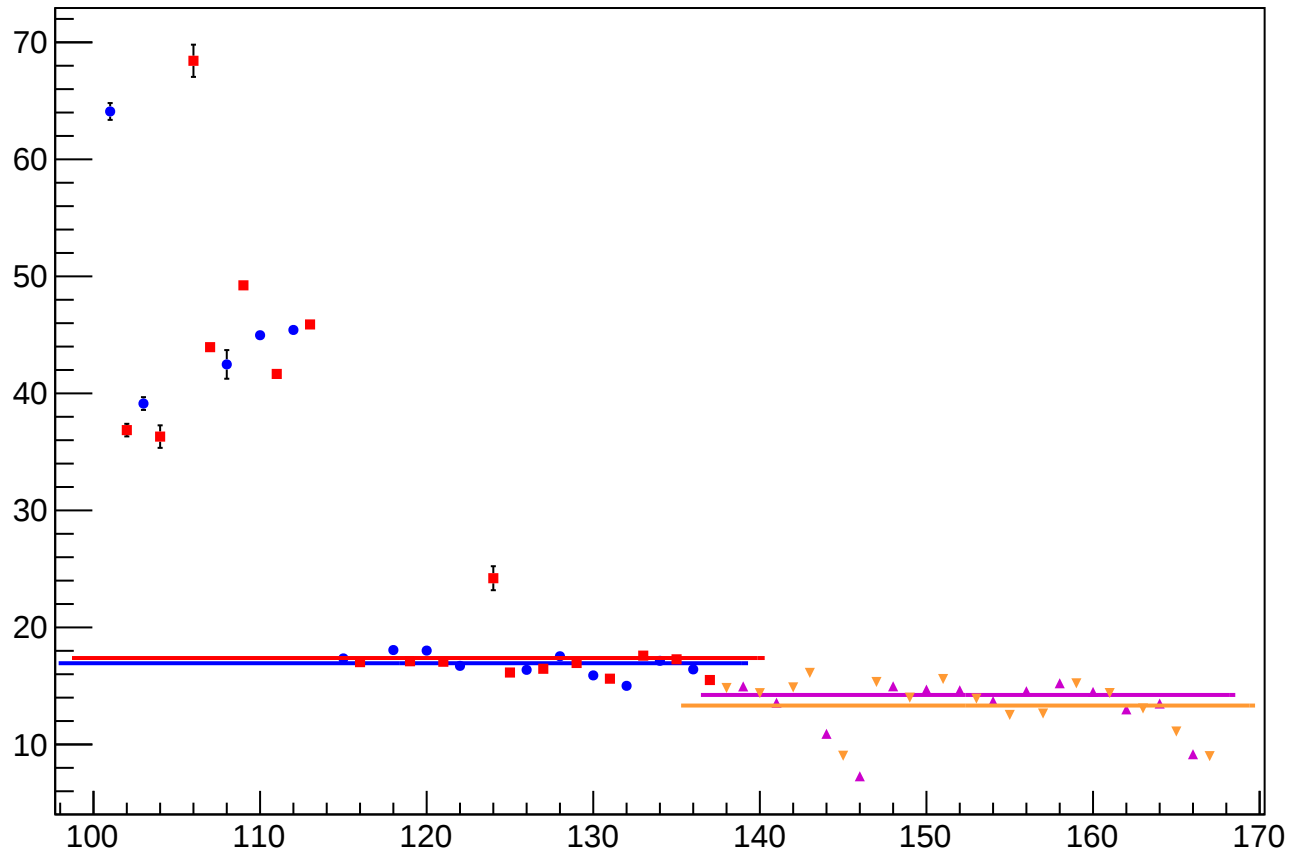
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.510 ± 0.002 $\chi^2/\text{NDF}: 17098.0/28$

Out: 0.528 ± 0.002 $\chi^2/\text{NDF}: 12628.2/33$

All: 0.518 ± 0.001 $\chi^2/\text{NDF}: 29767.4/62$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.324 ± 0.009 χ^2/NDF : 97990.5/15

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 14.230 ± 0.010 χ^2/NDF : 14020.3/13

Left: 13.740 ± 0.006 χ^2/NDF : 116929.1/29

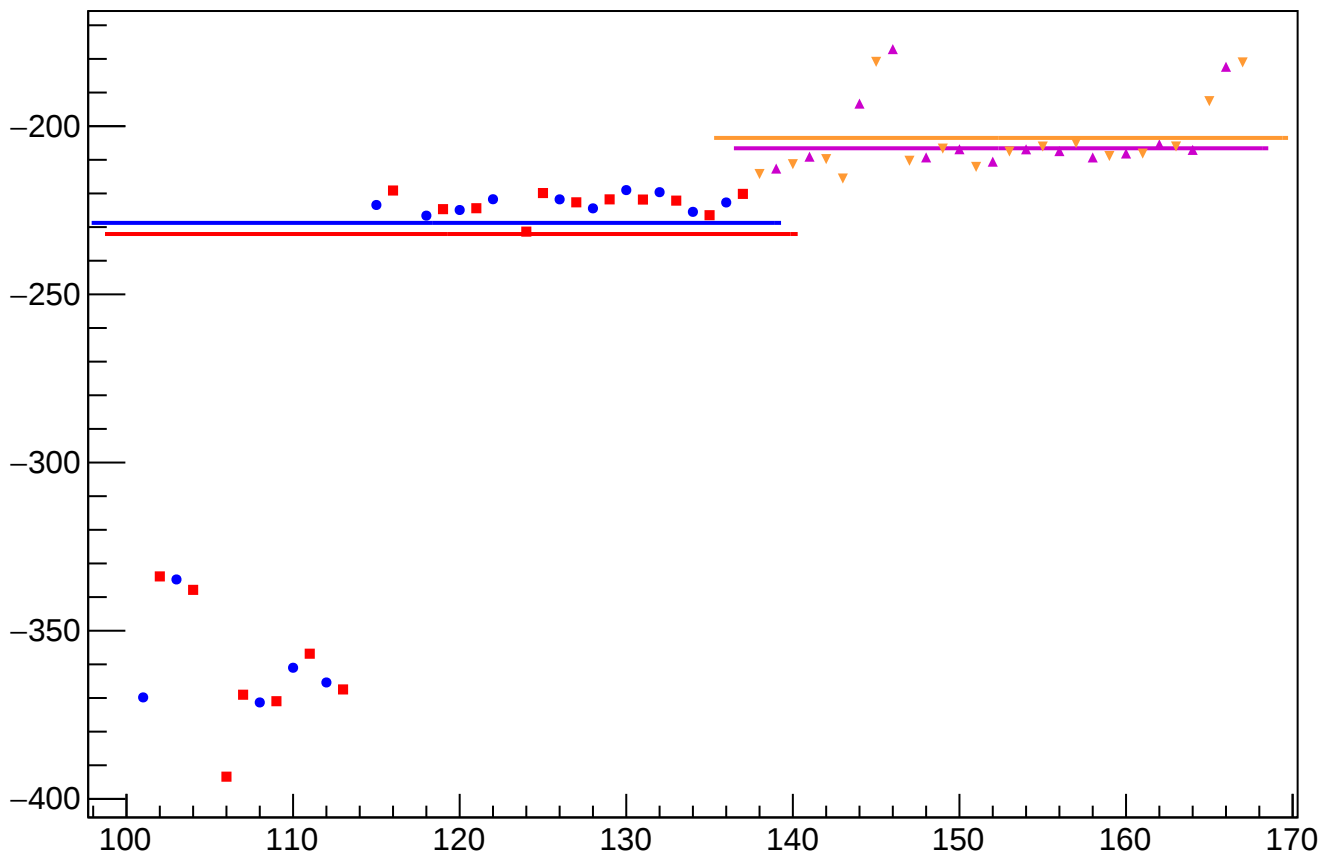
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 15.186 ± 0.008 χ^2/NDF : 71768.6/28

Out: 14.129 ± 0.008 χ^2/NDF : 201860.0/33

All: 14.670 ± 0.005 χ^2/NDF : 282960.4/62

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -203.491 ± 0.017 $\chi^2/\text{NDF}: 449264.0/15$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -206.570 ± 0.017 $\chi^2/\text{NDF}: 125555.8/13$

Left: -205.032 ± 0.012 $\chi^2/\text{NDF}: 590833.5/29$

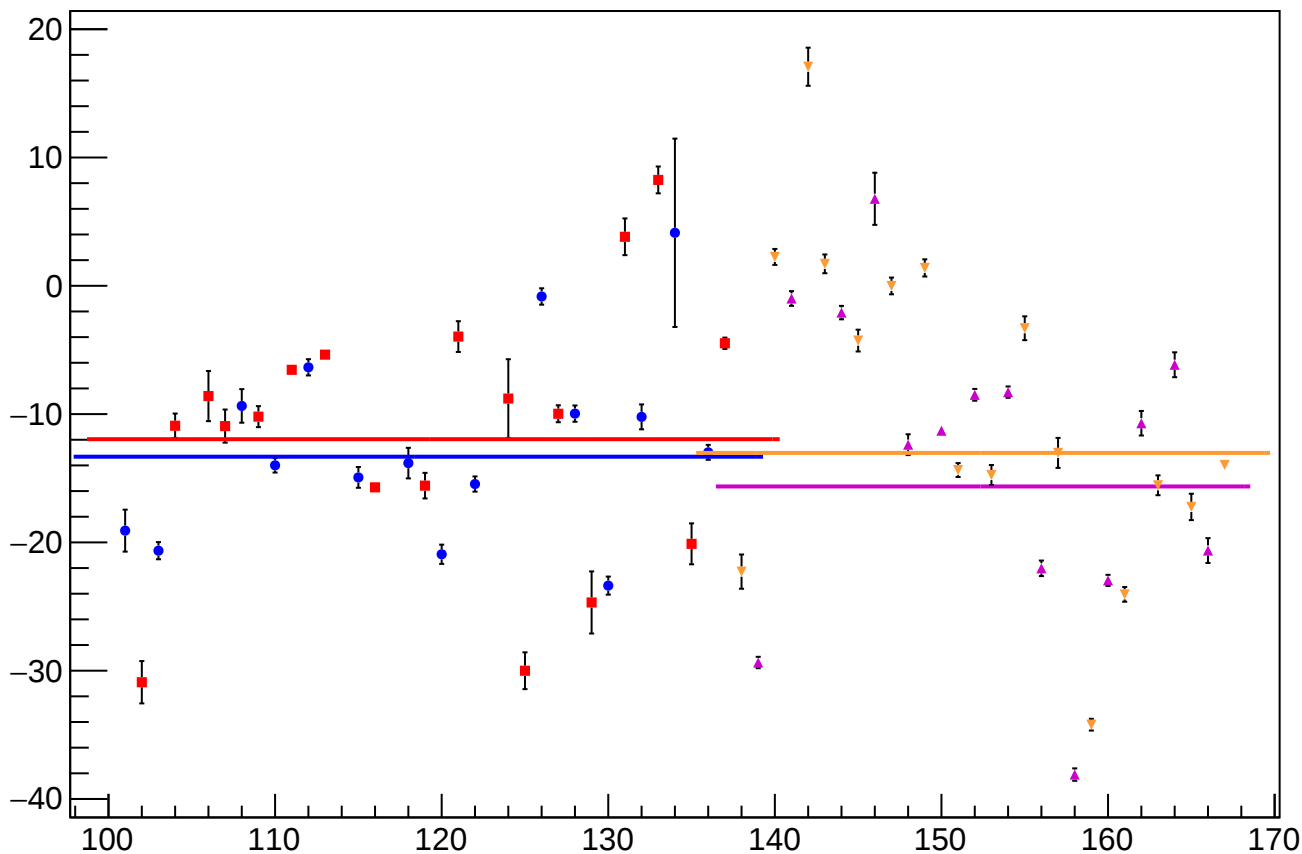
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -210.947 ± 0.015 $\chi^2/\text{NDF}: 1111318.2/28$

Out: -207.720 ± 0.016 $\chi^2/\text{NDF}: 1648376.9/33$

All: -209.383 ± 0.011 $\chi^2/\text{NDF}: 2780955.5/62$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.024 ± 0.156 χ^2/NDF : 5095.6/15

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -15.640 ± 0.146 χ^2/NDF : 5786.1/13

Left: -14.419 ± 0.106 χ^2/NDF : 11032.2/29

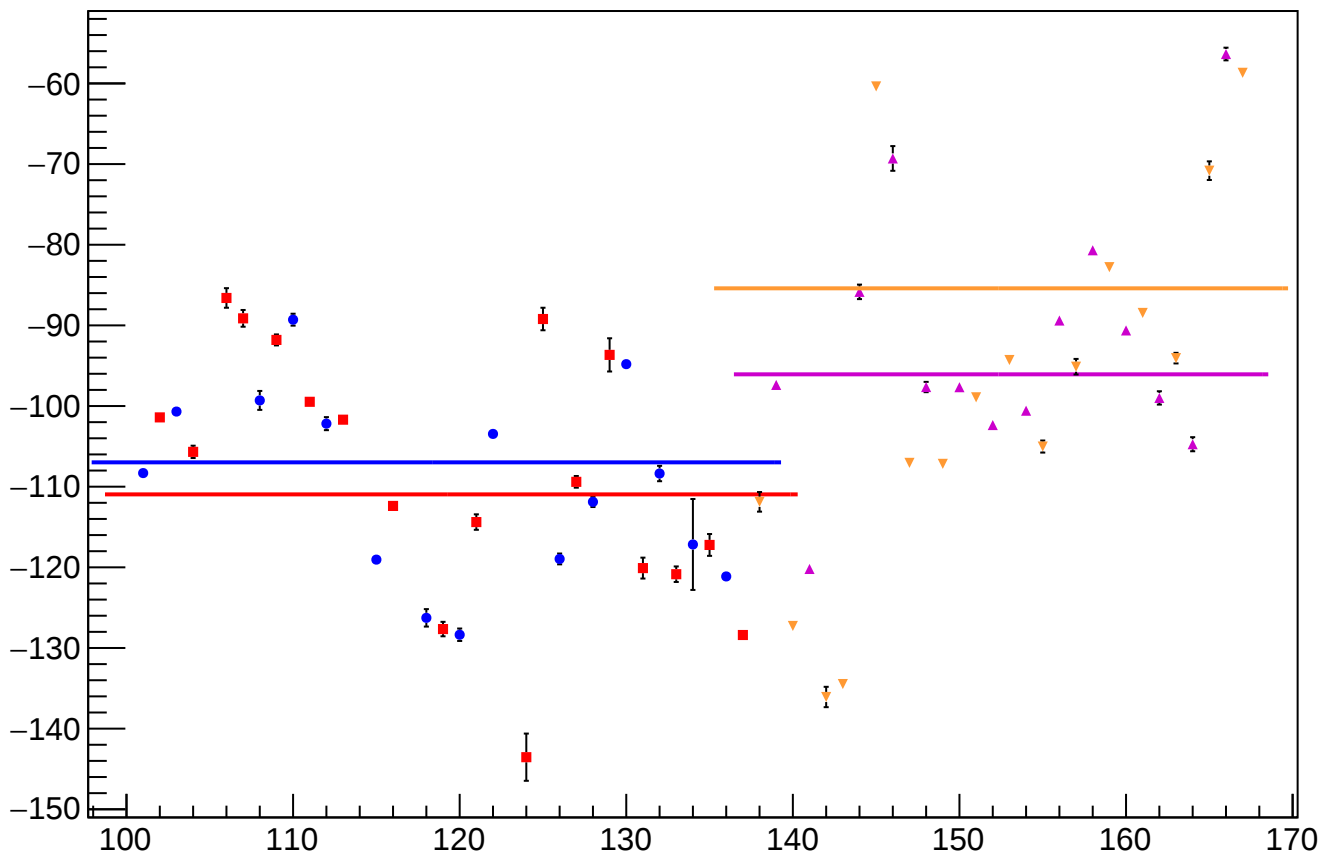
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -14.802 ± 0.116 χ^2/NDF : 6890.6/28

Out: -12.323 ± 0.091 χ^2/NDF : 7613.7/33

All: -13.266 ± 0.072 χ^2/NDF : 14785.1/62

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -85.406 ± 0.123 $\chi^2/\text{NDF}: 39069.0/15$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -96.069 ± 0.122 $\chi^2/\text{NDF}: 7946.9/13$

Left: -90.784 ± 0.086 $\chi^2/\text{NDF}: 50816.2/29$

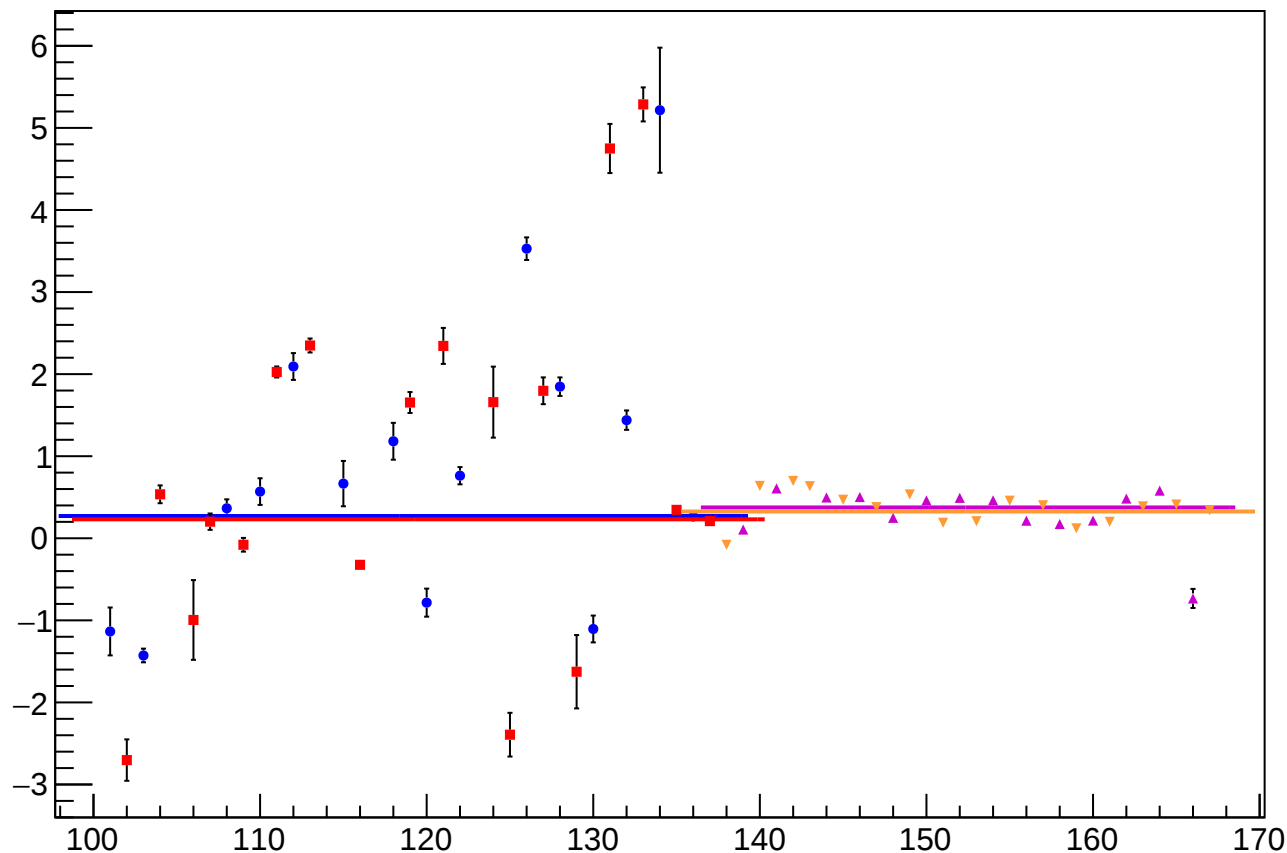
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -102.078 ± 0.082 $\chi^2/\text{NDF}: 17027.3/28$

Out: -107.300 ± 0.046 $\chi^2/\text{NDF}: 86816.7/33$

All: -106.023 ± 0.040 $\chi^2/\text{NDF}: 106935.3/62$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.326 ± 0.002 $\chi^2/\text{NDF}: 6488.6/15$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7683.4/13$

Left: 0.353 ± 0.001 $\chi^2/\text{NDF}: 14445.6/29$

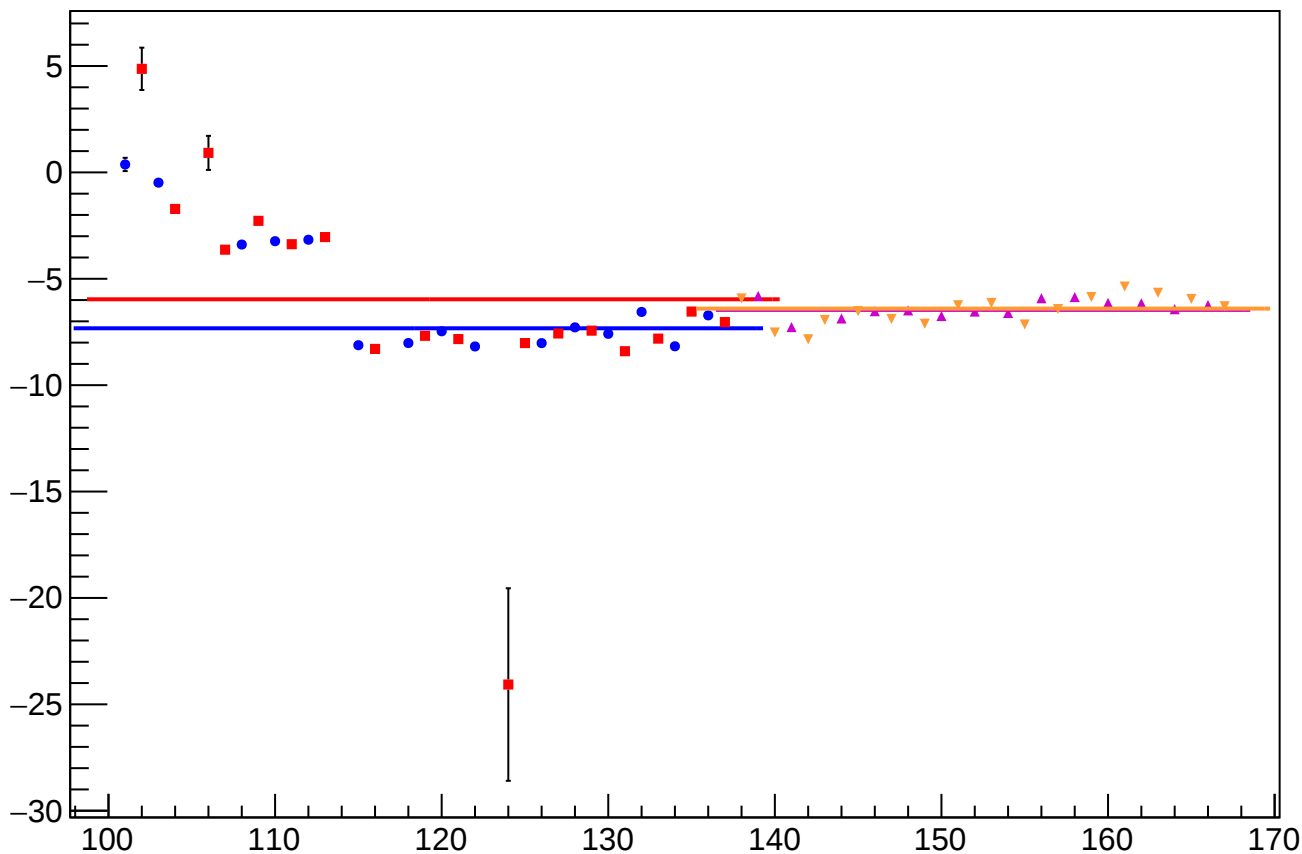
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9632.2/28$

Out: 0.307 ± 0.002 $\chi^2/\text{NDF}: 9768.9/33$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19816.5/62$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.402+/-0.006 χ^2/NDF : 5995.5/15

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.462+/-0.006 χ^2/NDF : 5357.1/13

Left: -6.431+/-0.004 χ^2/NDF : 11407.0/29

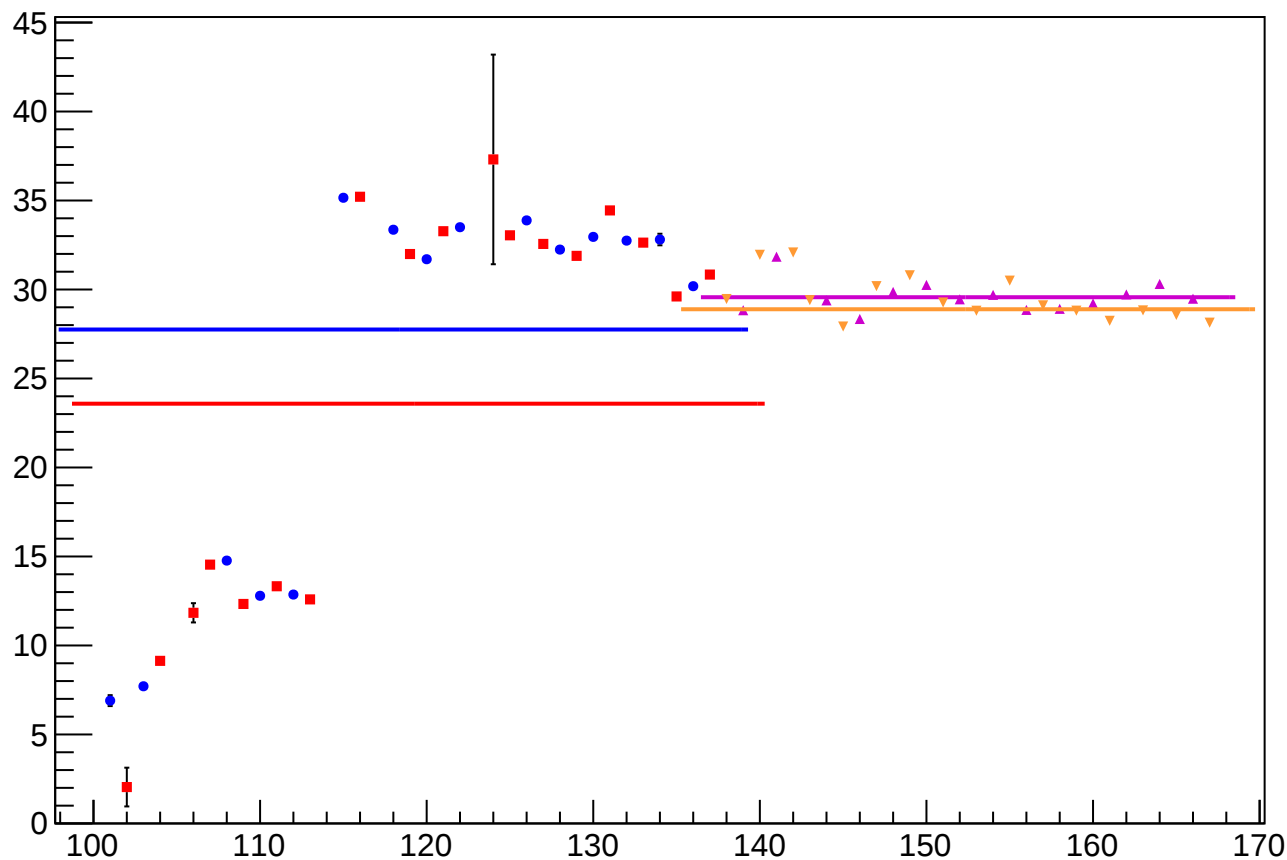
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.745+/-0.005 χ^2/NDF : 43013.0/28

Out: -6.273+/-0.005 χ^2/NDF : 79563.8/33

All: -6.507+/-0.003 χ^2/NDF : 127458.9/62

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 $\chi^2/\text{NDF}: 332926.6/14$

Left Out: 28.890 ± 0.010 $\chi^2/\text{NDF}: 11385.3/15$

Right Out: 23.585 ± 0.014 $\chi^2/\text{NDF}: 539616.2/17$

Left In: 29.567 ± 0.011 $\chi^2/\text{NDF}: 3011.9/13$

Left: 29.199 ± 0.007 $\chi^2/\text{NDF}: 16477.9/29$

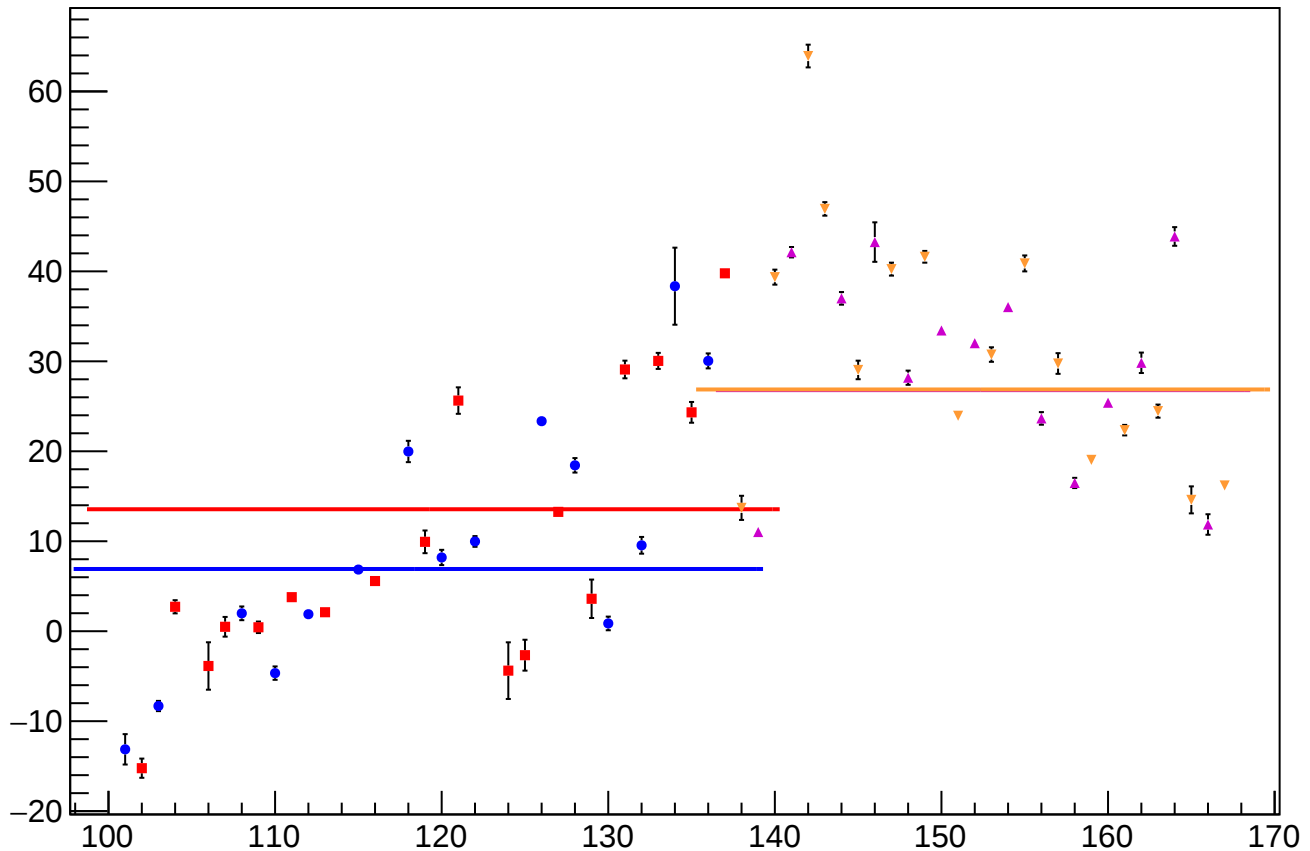
Right: 25.477 ± 0.010 $\chi^2/\text{NDF}: 914478.1/32$

In: 28.939 ± 0.009 $\chi^2/\text{NDF}: 345466.2/28$

Out: 27.045 ± 0.008 $\chi^2/\text{NDF}: 648629.3/33$

All: 27.908 ± 0.006 $\chi^2/\text{NDF}: 1019085.7/62$

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 26.870 ± 0.169 $\chi^2/\text{NDF}: 4410.3/15$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.798 ± 0.145 $\chi^2/\text{NDF}: 5075.1/13$

Left: 26.829 ± 0.110 $\chi^2/\text{NDF}: 9485.5/29$

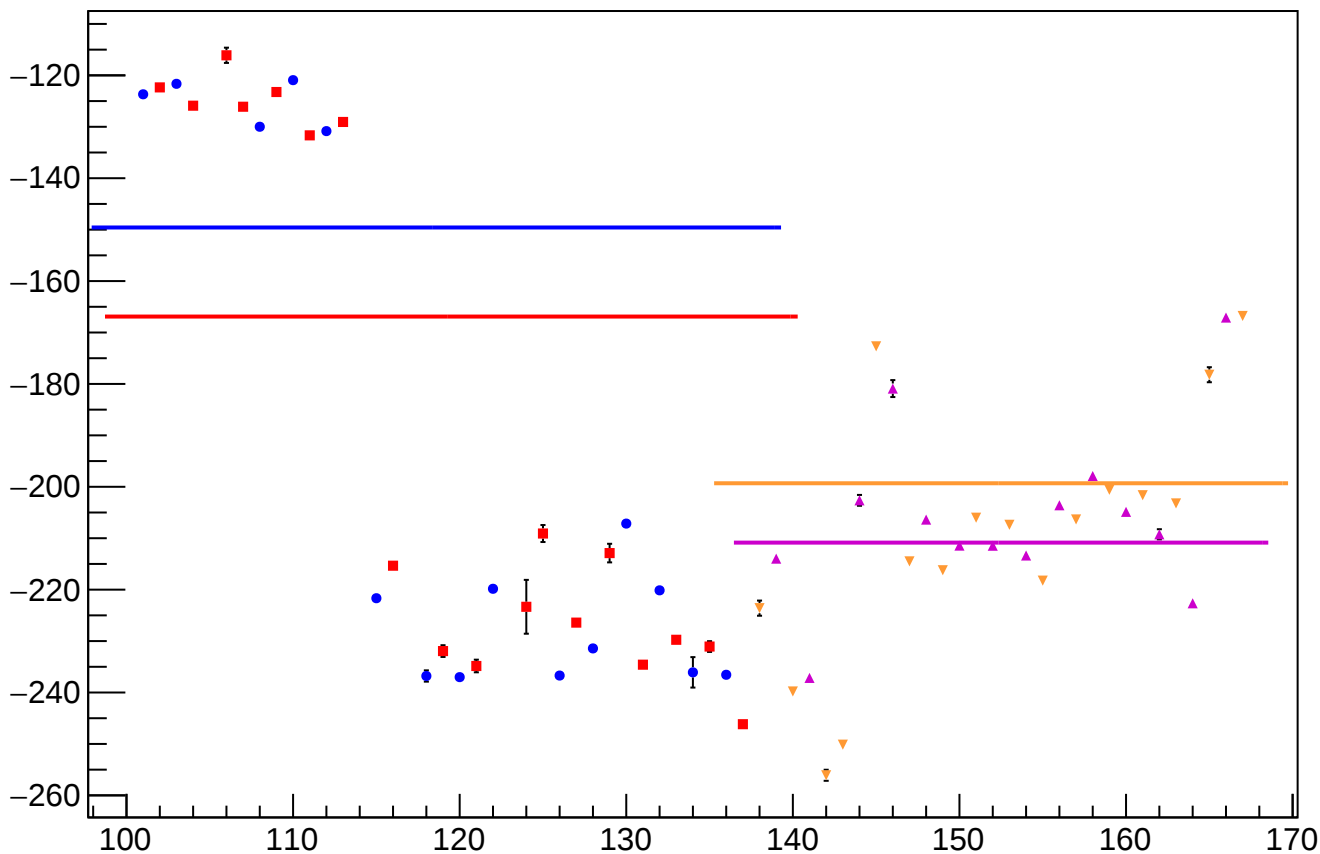
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.814 ± 0.112 $\chi^2/\text{NDF}: 16167.8/28$

Out: 19.203 ± 0.110 $\chi^2/\text{NDF}: 19639.4/33$

All: 19.012 ± 0.078 $\chi^2/\text{NDF}: 35813.3/62$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 +/- 0.101 χ^2/NDF : 195091.5/14

Left Out: -199.313 +/- 0.135 χ^2/NDF : 31940.0/15

Right Out: -166.899 +/- 0.101 χ^2/NDF : 295489.9/17

Left In: -210.855 +/- 0.121 χ^2/NDF : 7447.2/13

Left: -205.707 +/- 0.090 χ^2/NDF : 43433.8/29

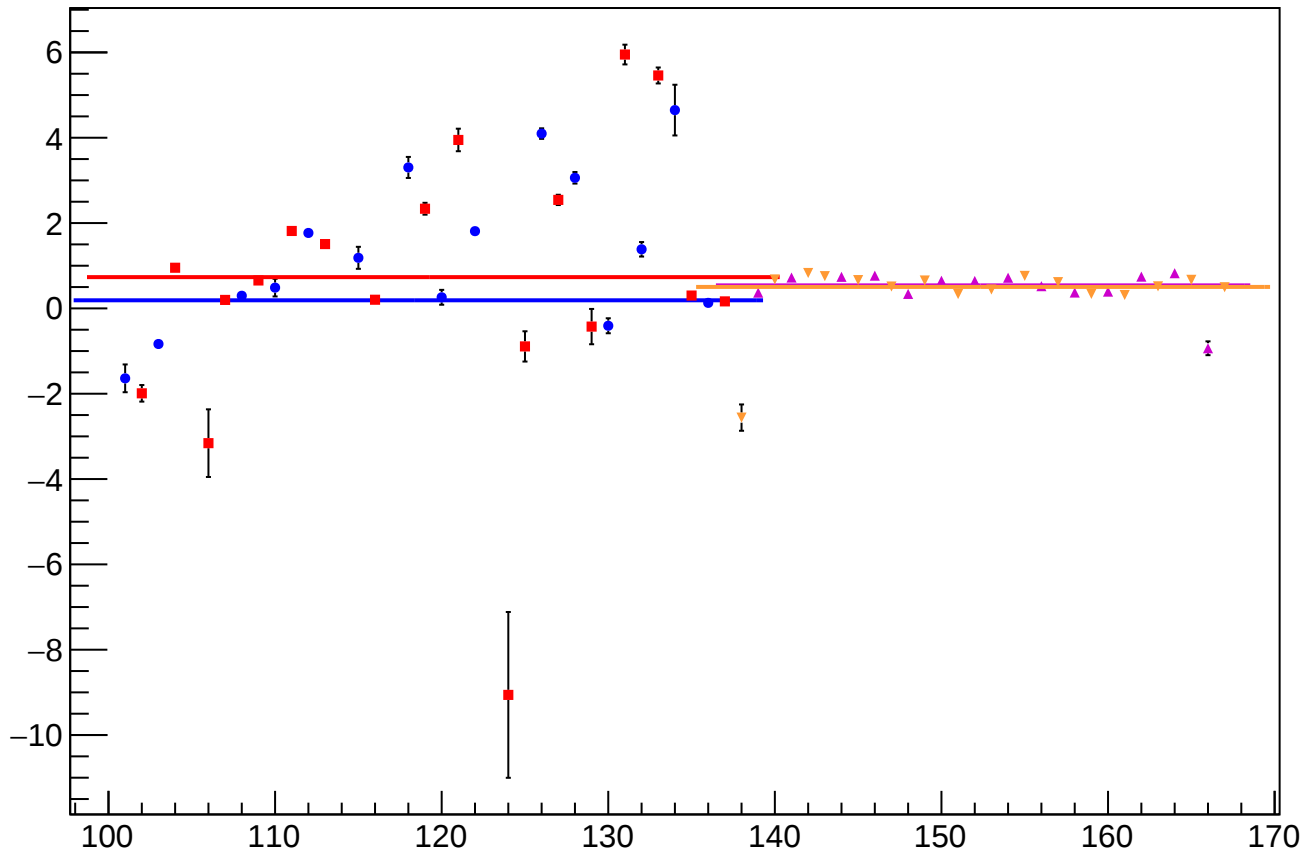
Right: -158.264 +/- 0.071 χ^2/NDF : 505360.9/32

In: -174.662 +/- 0.078 χ^2/NDF : 353582.8/28

Out: -178.466 +/- 0.081 χ^2/NDF : 364485.0/33

All: -176.488 +/- 0.056 χ^2/NDF : 719223.6/62

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.503 $\pm$ 0.003 χ^2 /NDF:3369.5/15

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.539 $\pm$ 0.002 χ^2 /NDF:4357.5/13

Left: 0.524 $\pm$ 0.002 χ^2 /NDF: 7823.4/29

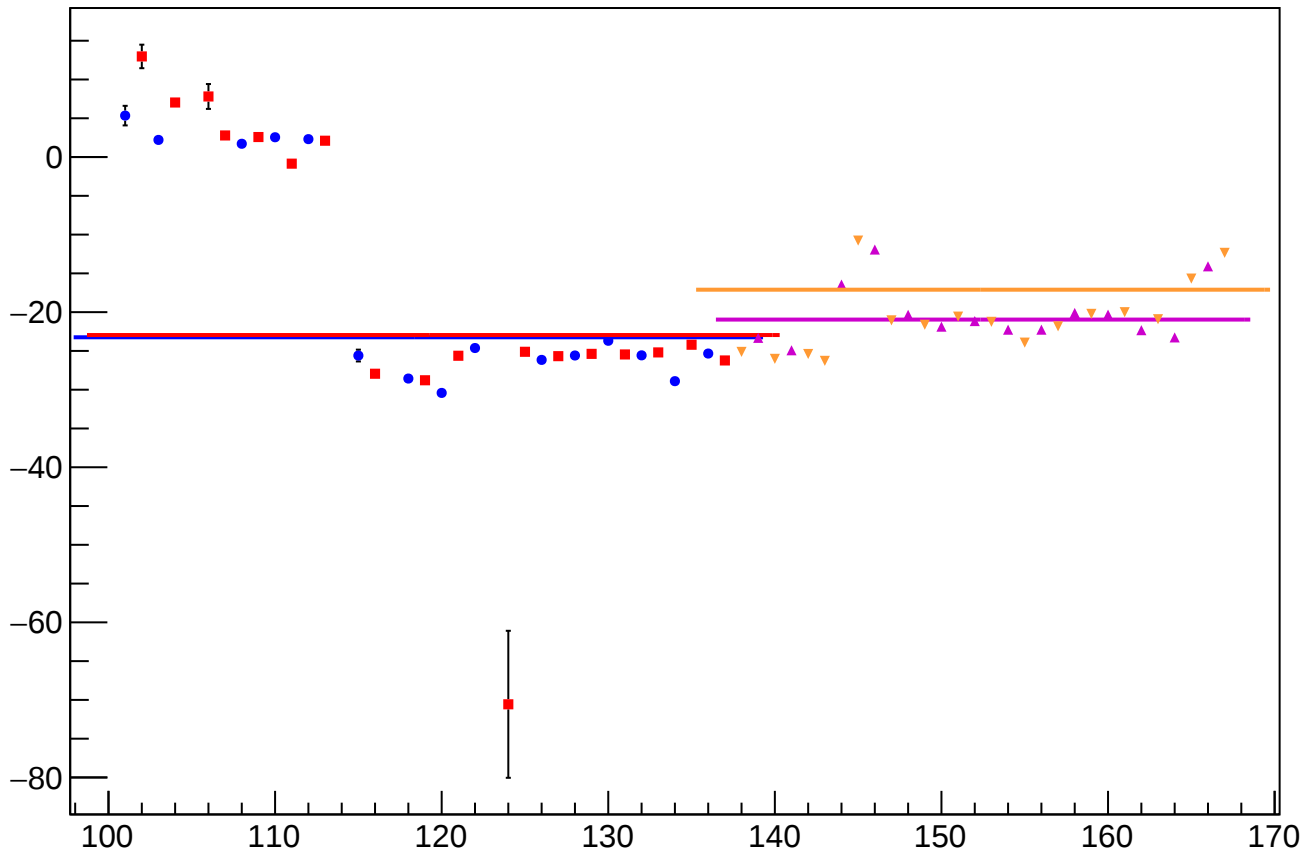
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.514 $\pm$ 0.002 χ^2 /NDF:8612.1/28

Out: 0.508 $\pm$ 0.003 χ^2 /NDF:6168.9/33

All: 0.511 $\pm$ 0.002 χ^2 /NDF: 14783.7/62

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -17.105 ± 0.014 χ^2/NDF : 140678.3/15

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -20.958 ± 0.016 χ^2/NDF : 12172.2/13

Left: -18.843 ± 0.010 χ^2/NDF : 186445.7/29

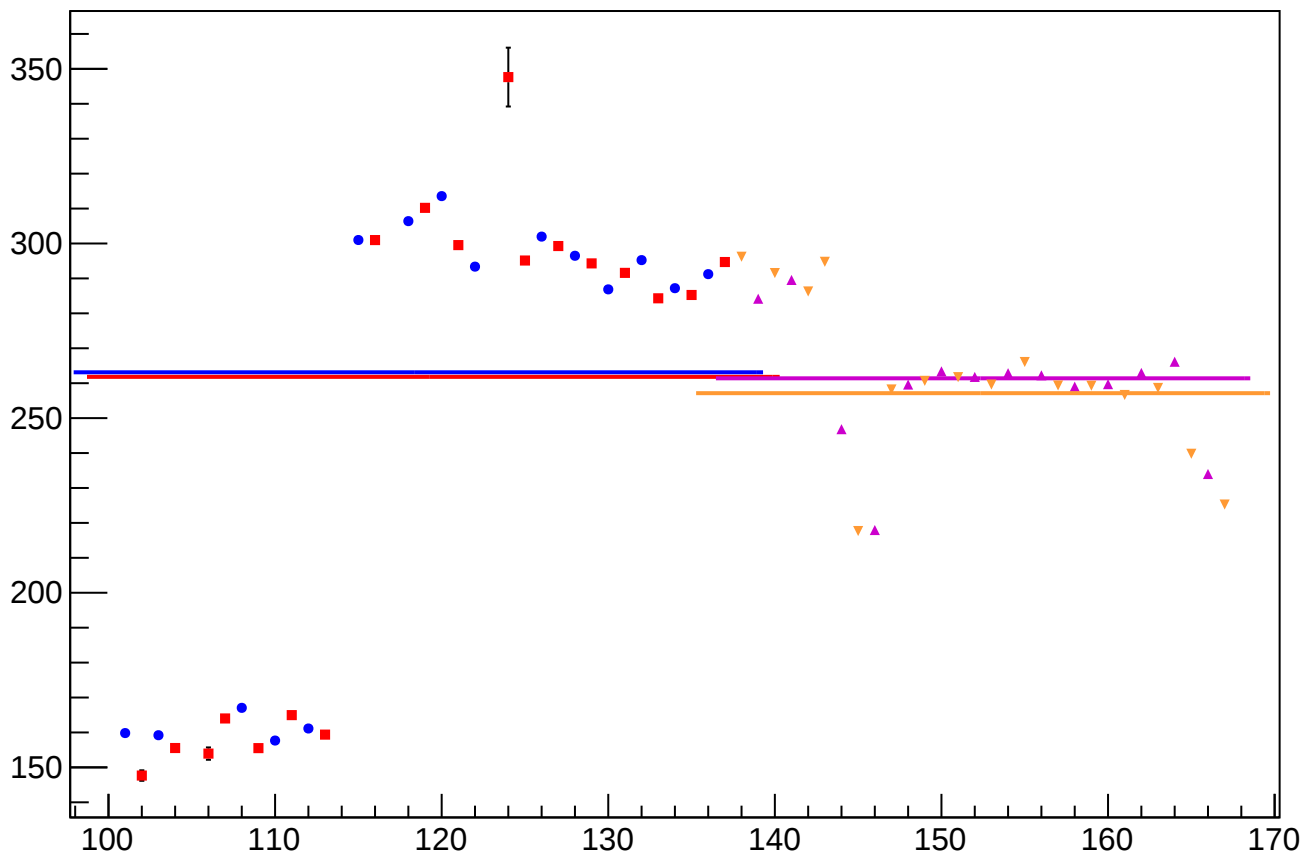
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -21.605 ± 0.013 χ^2/NDF : 121364.4/28

Out: -18.545 ± 0.012 χ^2/NDF : 290963.9/33

All: -19.964 ± 0.009 χ^2/NDF : 441215.1/62

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 257.142 $\pm$ 0.035 χ^2 /NDF: 369997.6/15

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.397 $\pm$ 0.033 χ^2 /NDF: 46773.9/13

Left: 259.384 $\pm$ 0.024 χ^2 /NDF: 424648.4/29

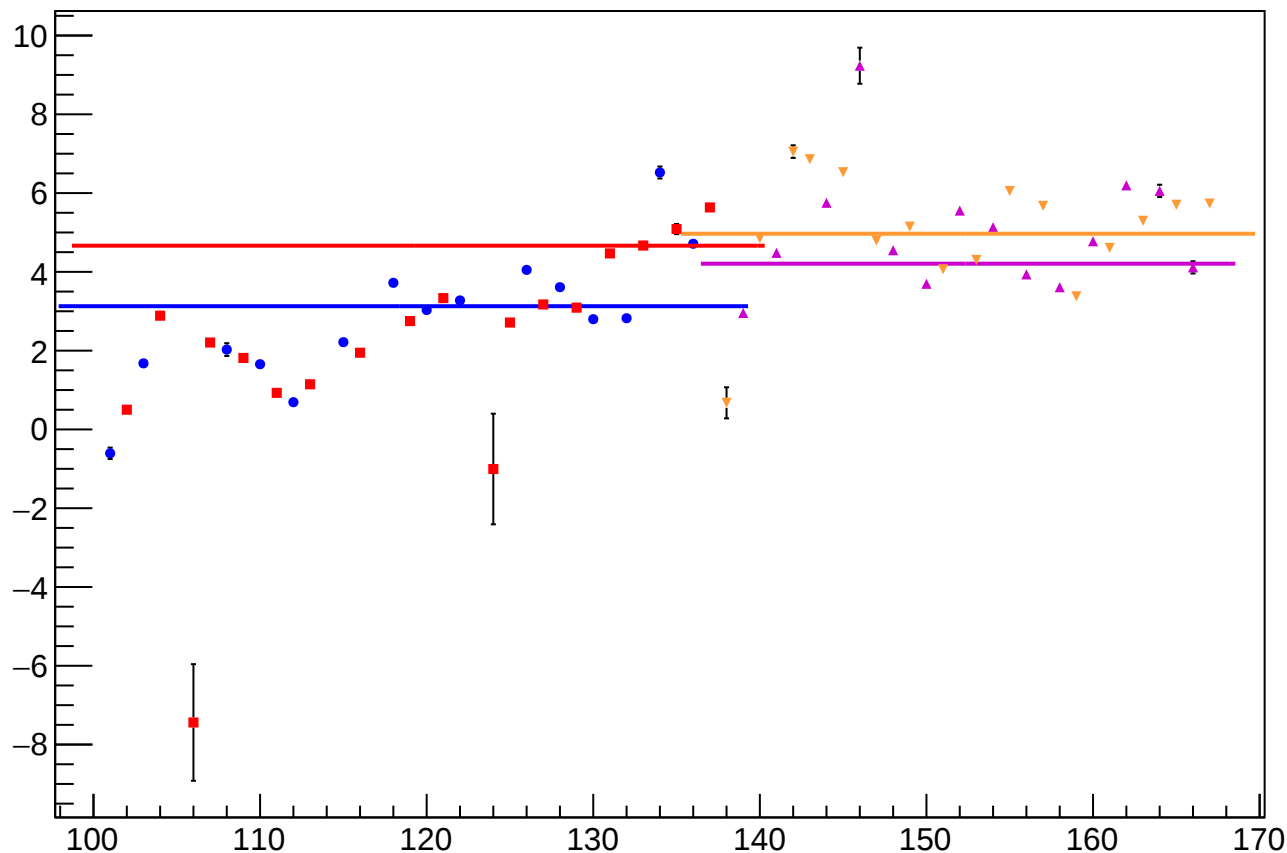
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 261.717 $\pm$ 0.030 χ^2 /NDF: 740166.3/28

Out: 258.306 $\pm$ 0.030 χ^2 /NDF: 1380674.4/33

All: 260.034 $\pm$ 0.021 χ^2 /NDF: 2127324.1/62

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.968 ± 0.016 $\chi^2/\text{NDF}: 2356.6/15$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.208 ± 0.016 $\chi^2/\text{NDF}: 3239.1/13$

Left: 4.583 ± 0.011 $\chi^2/\text{NDF}: 6760.0/29$

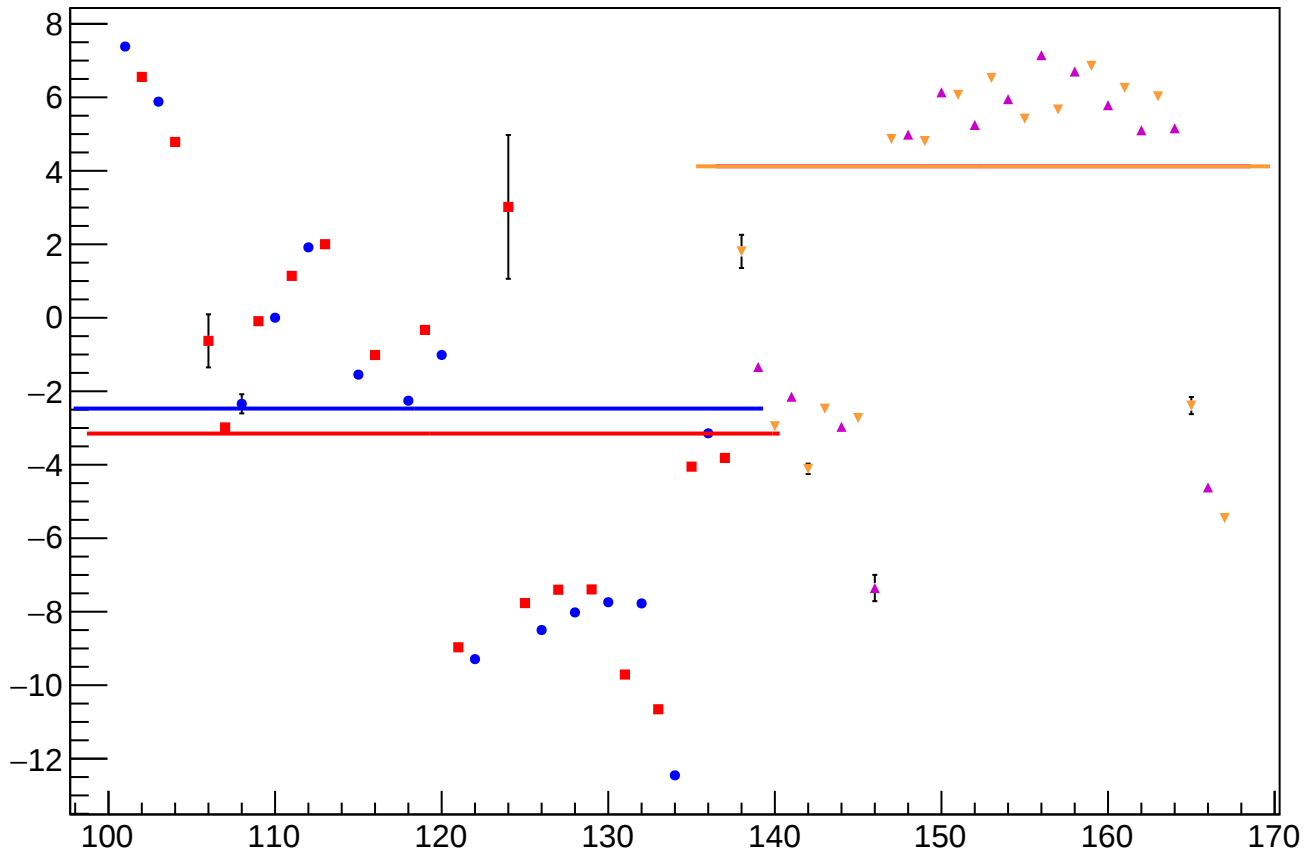
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.671 ± 0.011 $\chi^2/\text{NDF}: 11267.5/28$

Out: 4.706 ± 0.006 $\chi^2/\text{NDF}: 69535.9/33$

All: 4.479 ± 0.005 $\chi^2/\text{NDF}: 87577.2/62$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.122 ± 0.013 $\chi^2/\text{NDF}: 68375.1/15$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.124 ± 0.013 $\chi^2/\text{NDF}: 66986.6/13$

Left: 4.123 ± 0.009 $\chi^2/\text{NDF}: 135361.8/29$

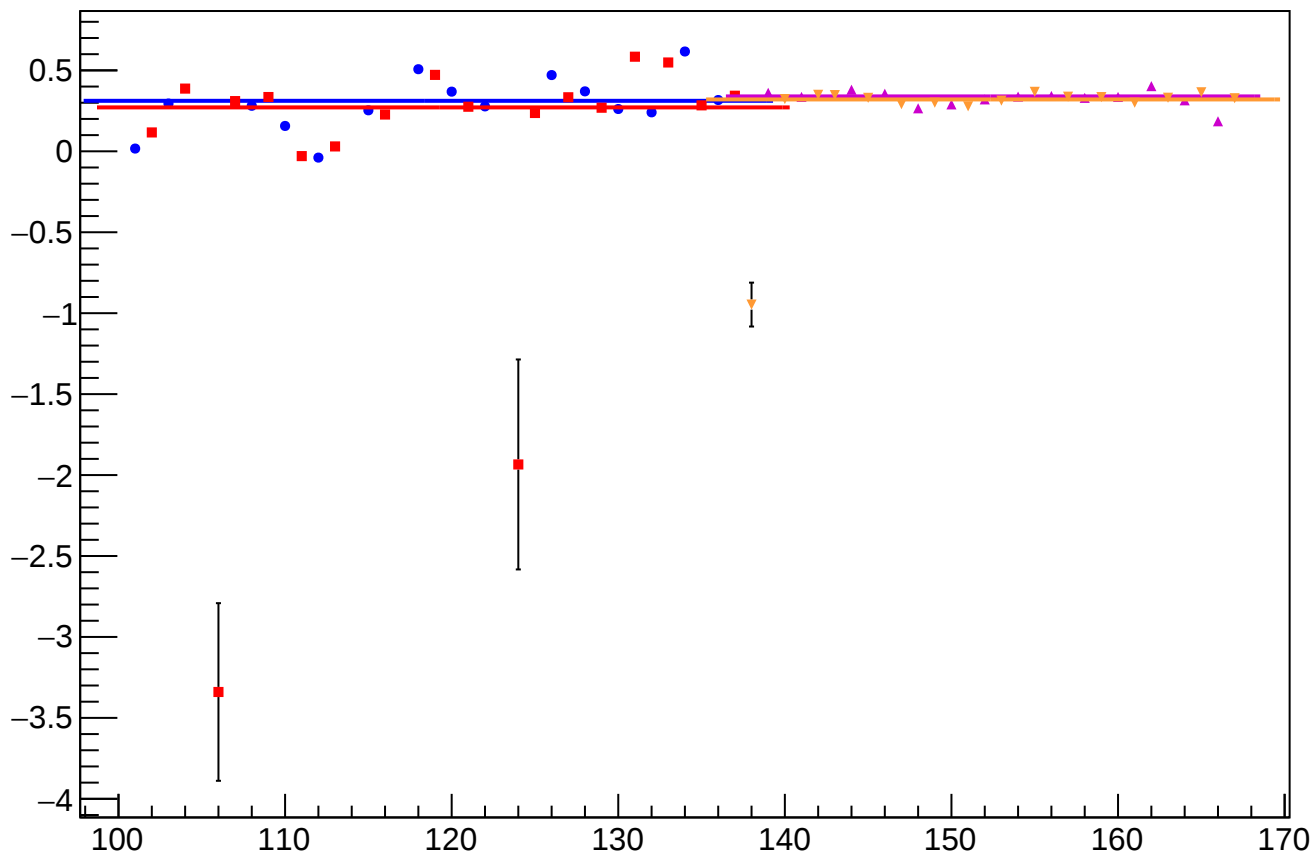
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.007 ± 0.010 $\chi^2/\text{NDF}: 424868.8/28$

Out: -1.383 ± 0.006 $\chi^2/\text{NDF}: 548497.0/33$

All: -0.647 ± 0.005 $\chi^2/\text{NDF}: 1015425.1/62$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1465.9/15$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 2878.3/13$

Left: 0.330 ± 0.000 $\chi^2/\text{NDF}: 4736.1/29$

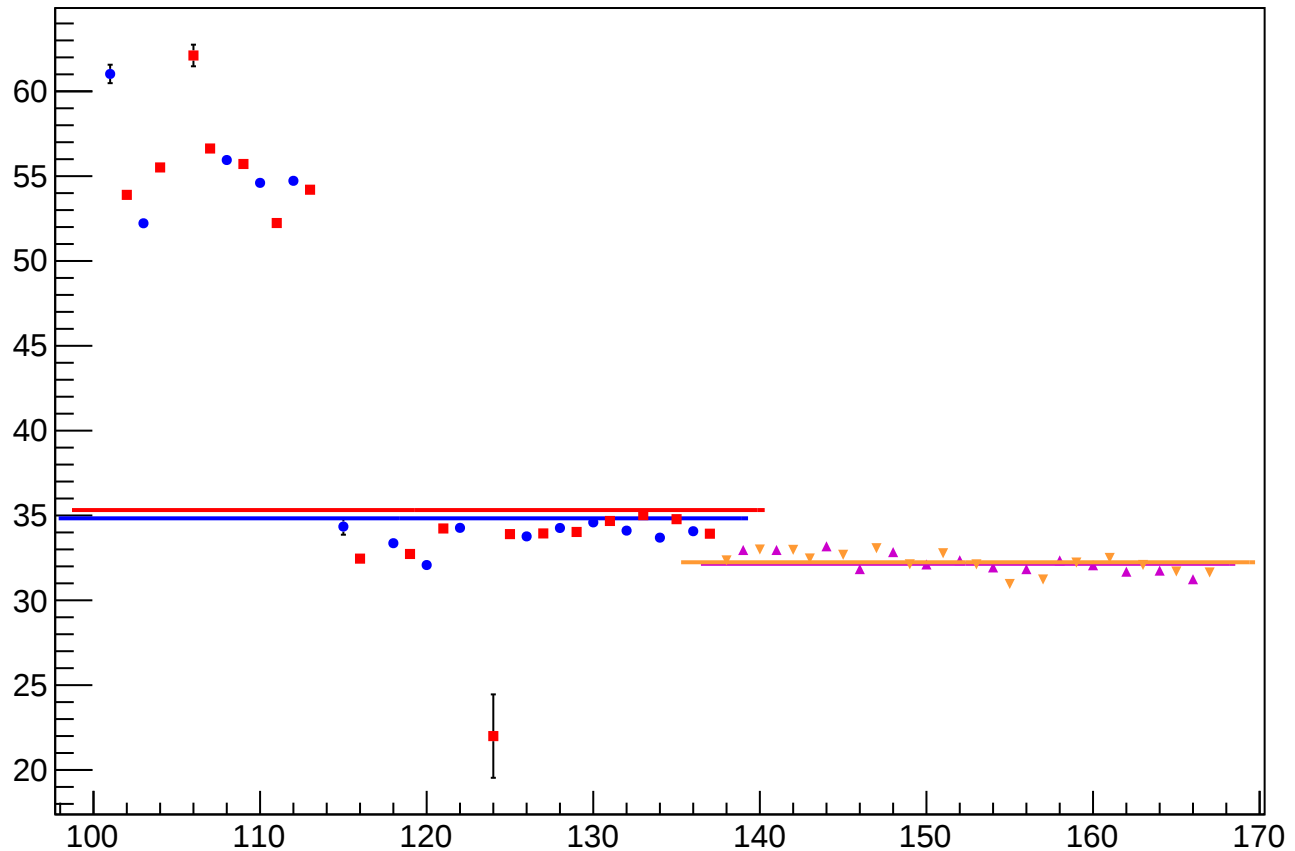
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4550.4/28$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8105.8/33$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 13049.2/62$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.242 $\pm$ 0.004 χ^2 /NDF: 5598.1/15

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.151 $\pm$ 0.004 χ^2 /NDF: 7354.1/13

Left: 32.196 $\pm$ 0.003 χ^2 /NDF: 13173.2/29

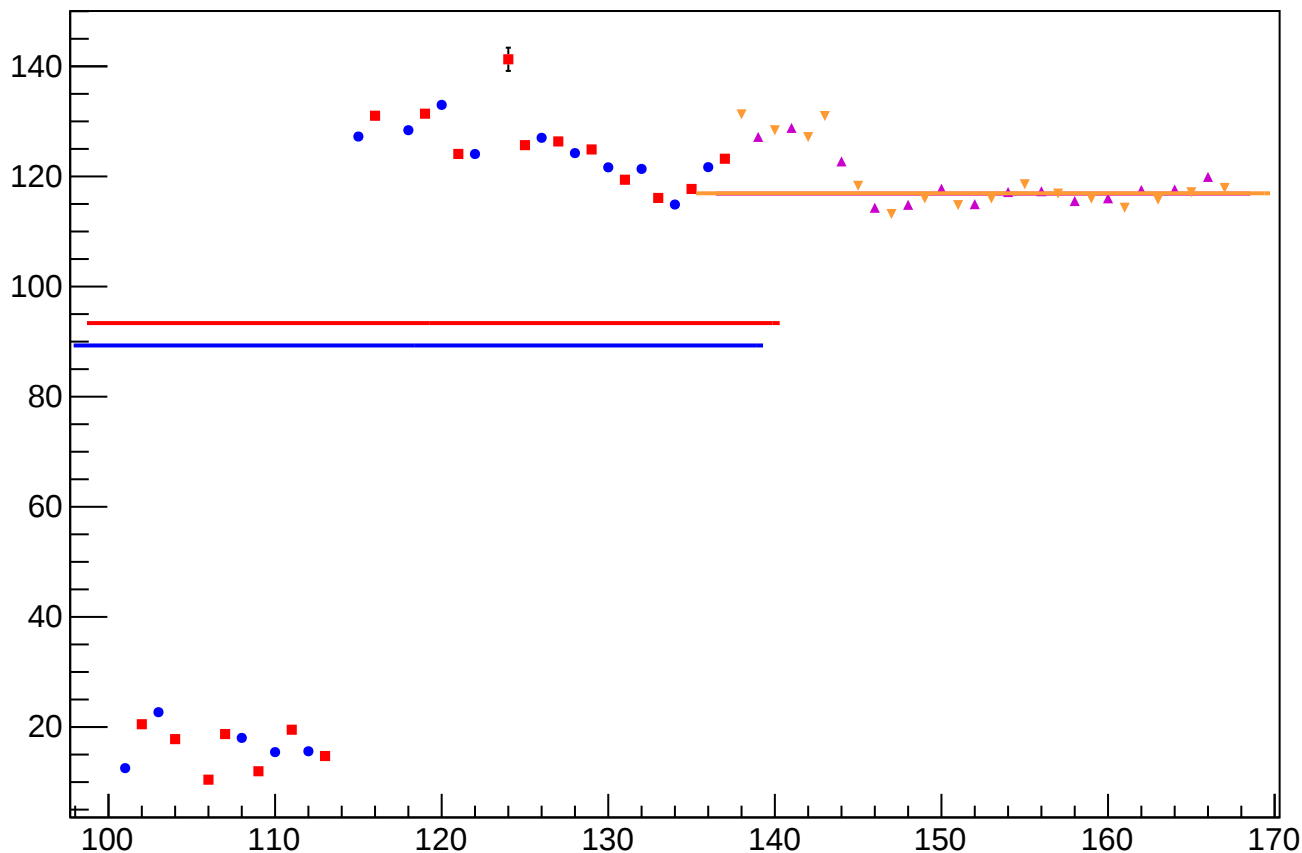
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.683 $\pm$ 0.004 χ^2 /NDF: 330417.8/28

Out: 32.732 $\pm$ 0.004 χ^2 /NDF: 347452.1/33

All: 32.707 $\pm$ 0.003 χ^2 /NDF: 677948.2/62

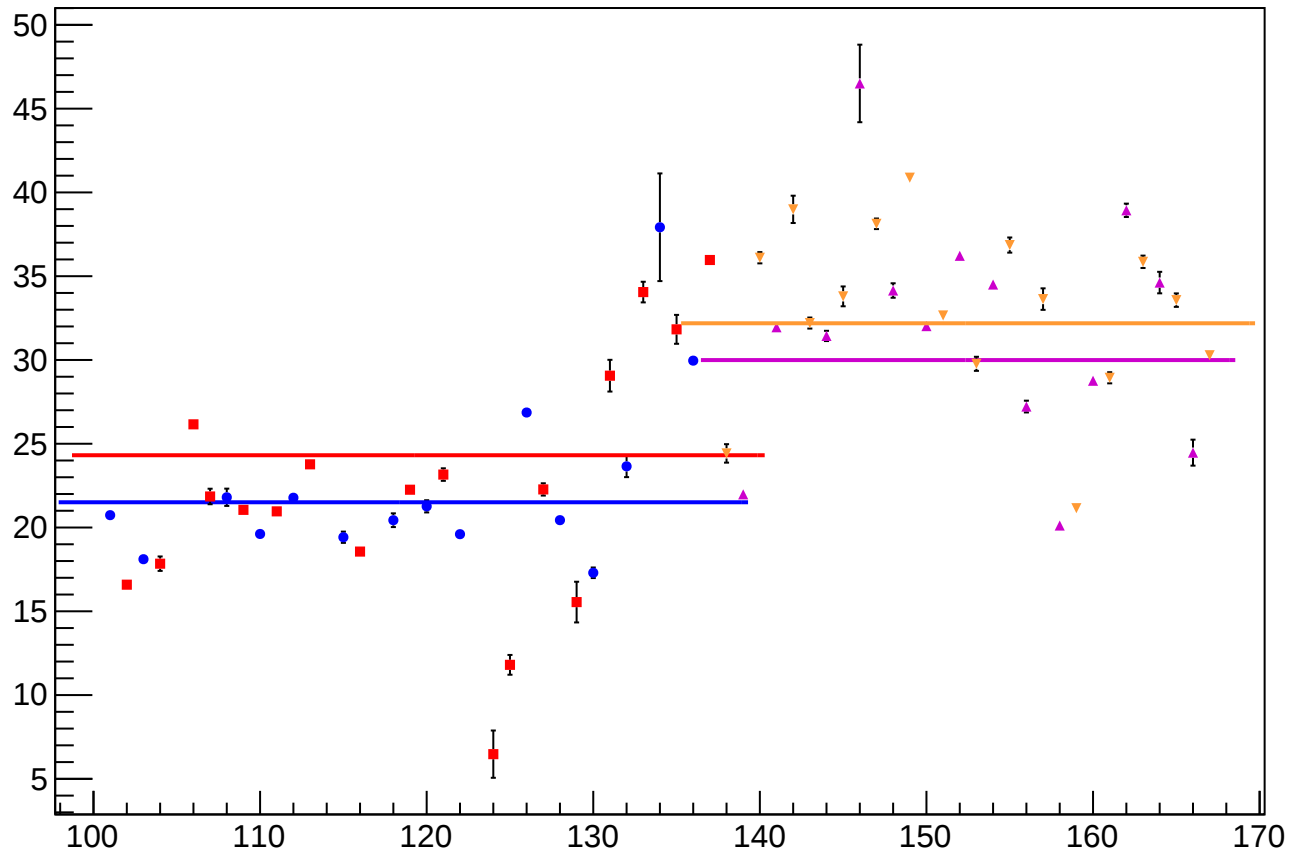
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$
 Left Out: 116.940 ± 0.010 $\chi^2/\text{NDF}: 120456.5/15$
 Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$
 Left In: 116.875 ± 0.009 $\chi^2/\text{NDF}: 42677.5/13$

Left: 116.907 ± 0.007 $\chi^2/\text{NDF}: 163157.6/29$
 Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$
 In: 113.932 ± 0.009 $\chi^2/\text{NDF}: 3979222.4/28$
 Out: 114.709 ± 0.009 $\chi^2/\text{NDF}: 3534121.9/33$
 All: 114.310 ± 0.006 $\chi^2/\text{NDF}: 7517000.6/62$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.190 ± 0.085 $\chi^2/\text{NDF}: 3855.6/15$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.994 ± 0.079 $\chi^2/\text{NDF}: 4686.0/13$

Left: 31.001 ± 0.058 $\chi^2/\text{NDF}: 8899.1/29$

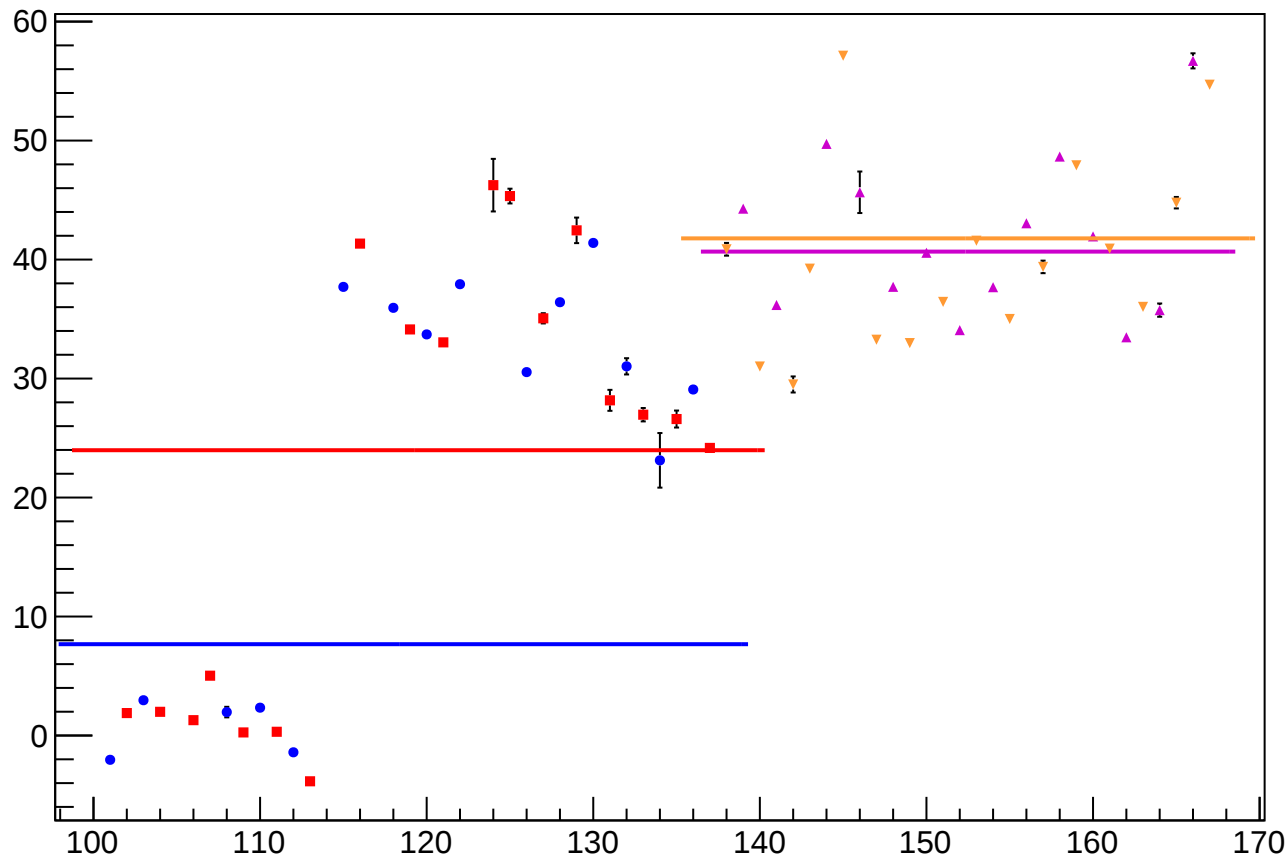
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.395 ± 0.053 $\chi^2/\text{NDF}: 13957.4/28$

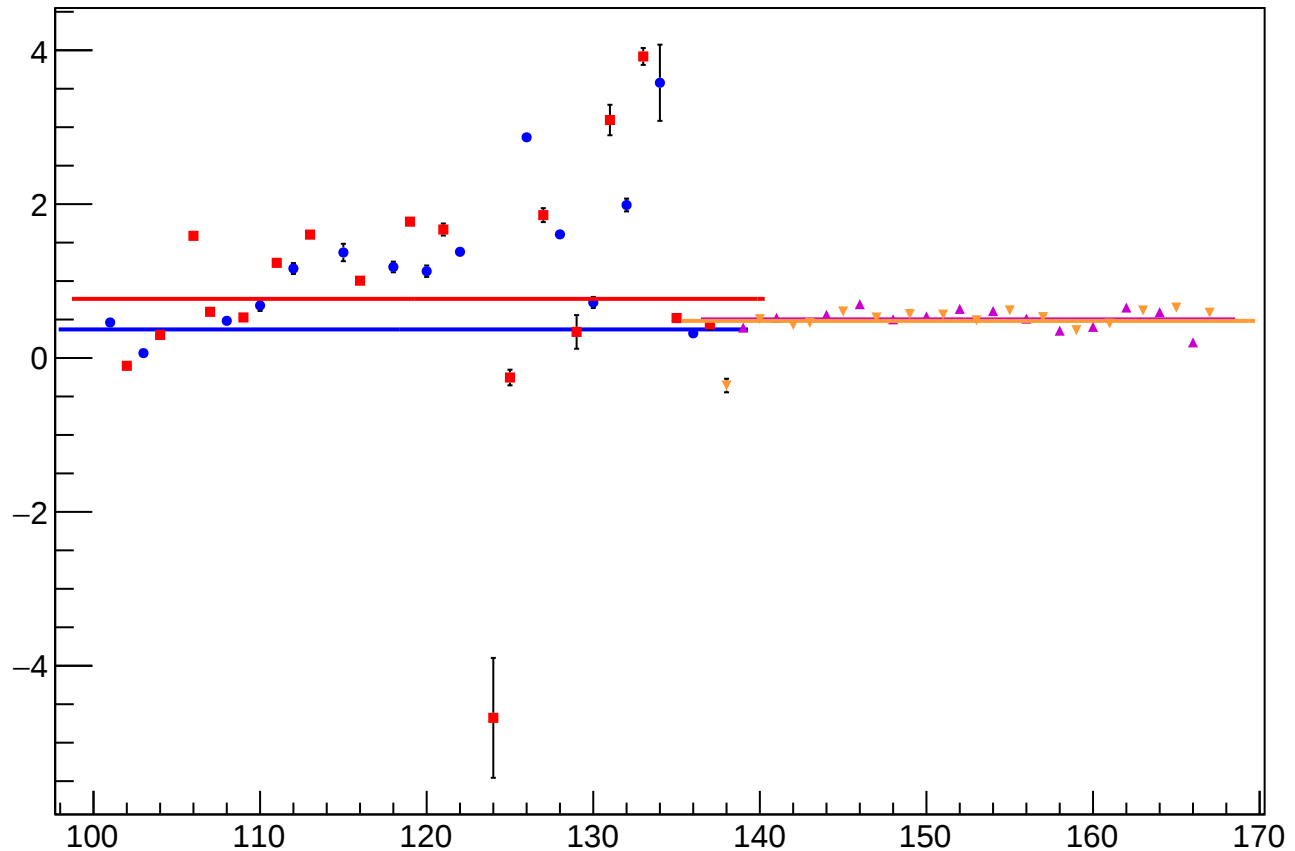
Out: 26.824 ± 0.048 $\chi^2/\text{NDF}: 23933.2/33$

All: 26.179 ± 0.036 $\chi^2/\text{NDF}: 38285.9/62$

dit_sam6_4eX_slope vs Slug, Sign Corrected



dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.482 ± 0.001 χ^2/NDF : 6441.2/15

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.502 ± 0.001 χ^2/NDF : 8650.4/13

Left: 0.492 ± 0.001 χ^2/NDF : 15222.5/29

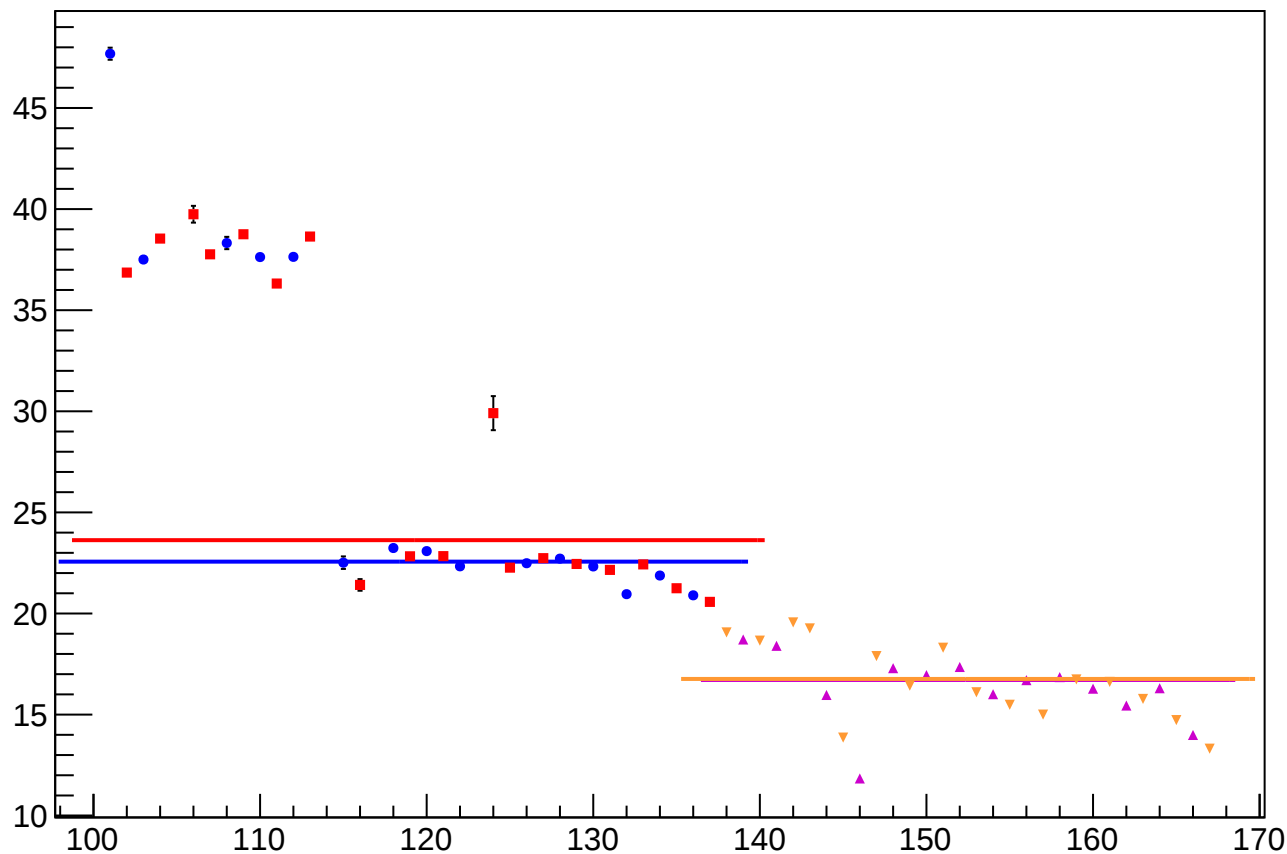
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.493 ± 0.001 χ^2/NDF : 14230.6/28

Out: 0.491 ± 0.001 χ^2/NDF : 12233.3/33

All: 0.492 ± 0.001 χ^2/NDF : 26465.1/62

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 16.764+/-0.007 χ^2/NDF : 73382.0/15

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 16.712+/-0.008 χ^2/NDF : 19254.4/13

Left: 16.741+/-0.005 χ^2/NDF : 92661.2/29

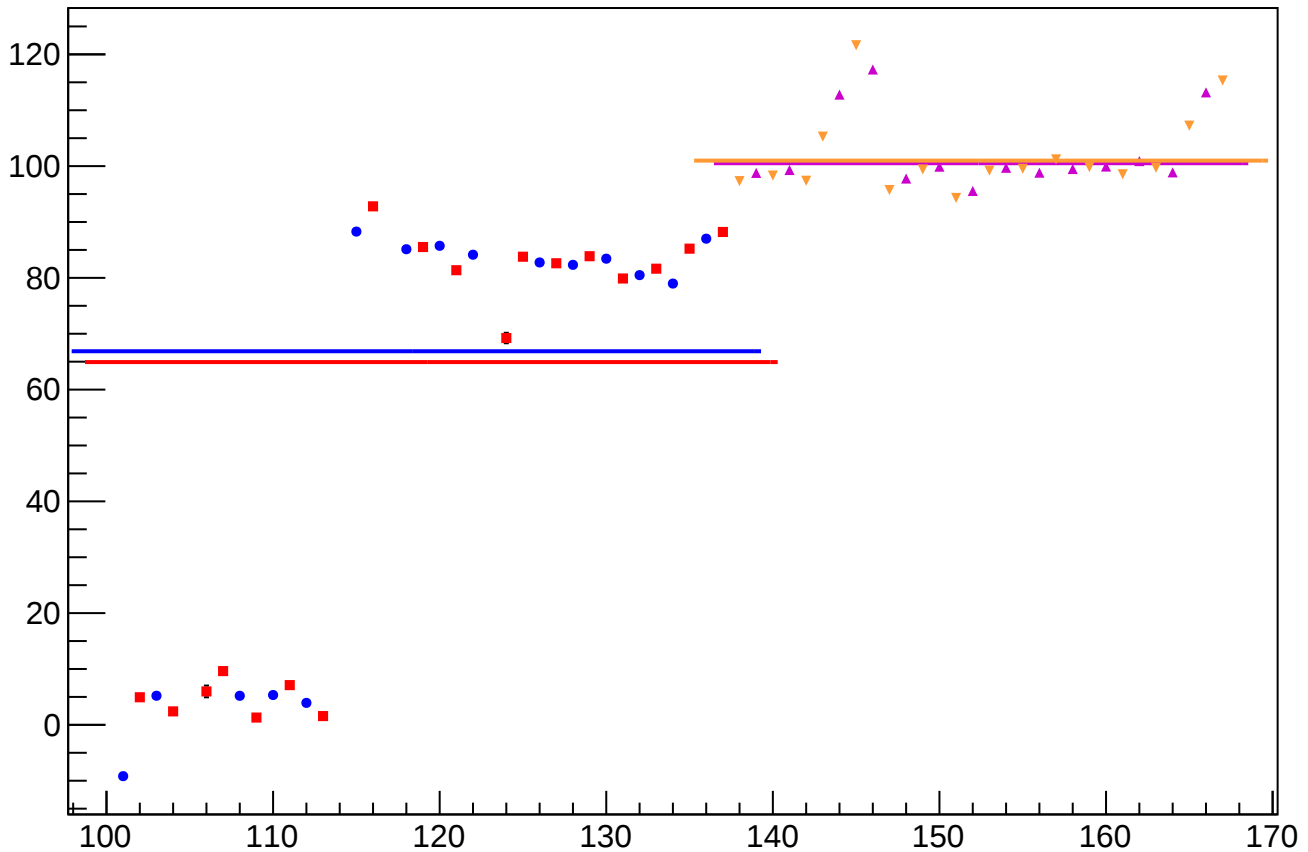
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 18.858+/-0.006 χ^2/NDF : 321714.8/28

Out: 18.613+/-0.006 χ^2/NDF : 469831.5/33

All: 18.729+/-0.004 χ^2/NDF : 792379.7/62

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$

Left Out: 100.984 ± 0.013 $\chi^2/\text{NDF}: 200646.8/15$

Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$

Left In: 100.520 ± 0.013 $\chi^2/\text{NDF}: 127633.4/13$

Left: 100.749 ± 0.009 $\chi^2/\text{NDF}: 328941.6/29$

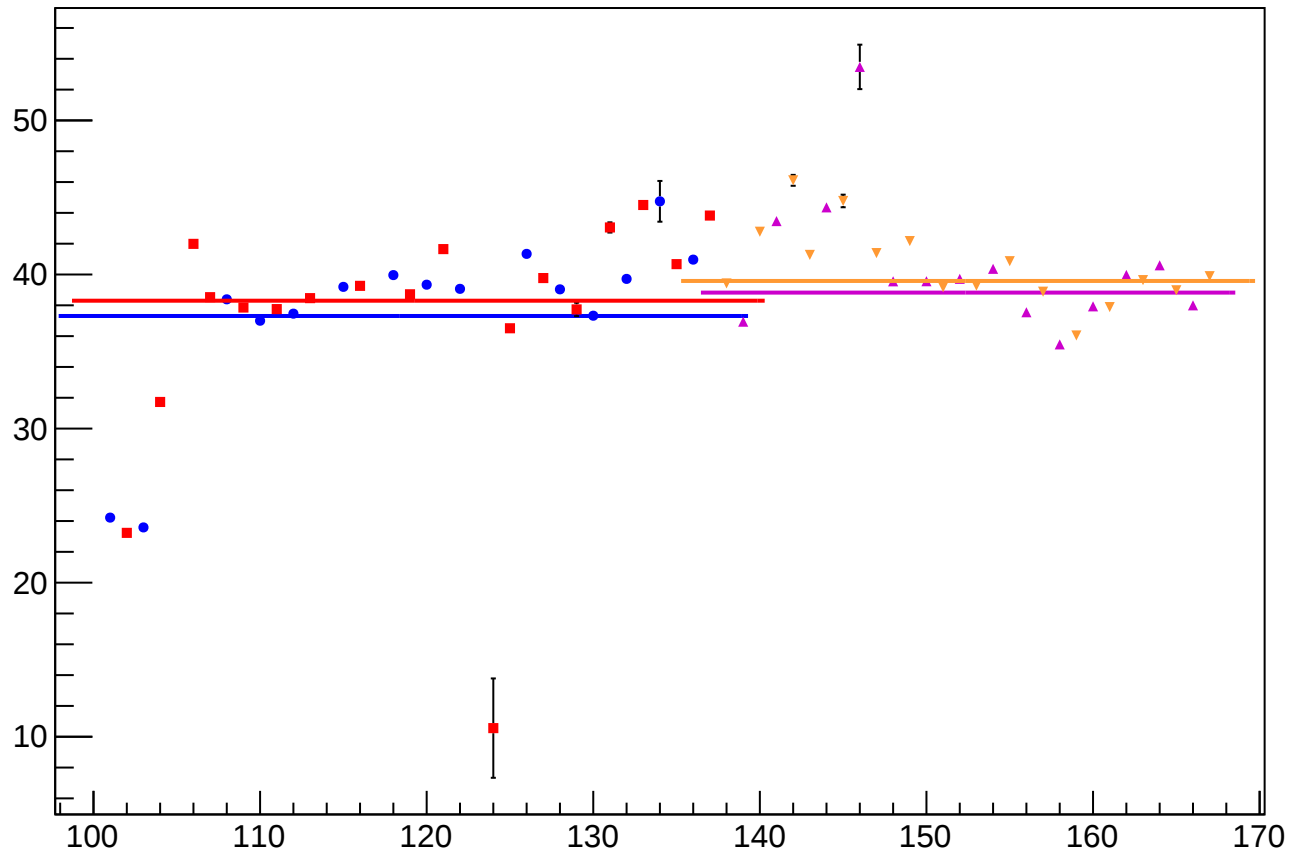
Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$

In: 94.469 ± 0.011 $\chi^2/\text{NDF}: 2890452.3/28$

Out: 95.306 ± 0.012 $\chi^2/\text{NDF}: 2774541.6/33$

All: 94.876 ± 0.008 $\chi^2/\text{NDF}: 5667576.6/62$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.581 $\pm$ 0.034 χ^2 /NDF:3892.9/15

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.825 $\pm$ 0.028 χ^2 /NDF:5426.2/13

Left: 39.132 $\pm$ 0.022 χ^2 /NDF: 9611.1/29

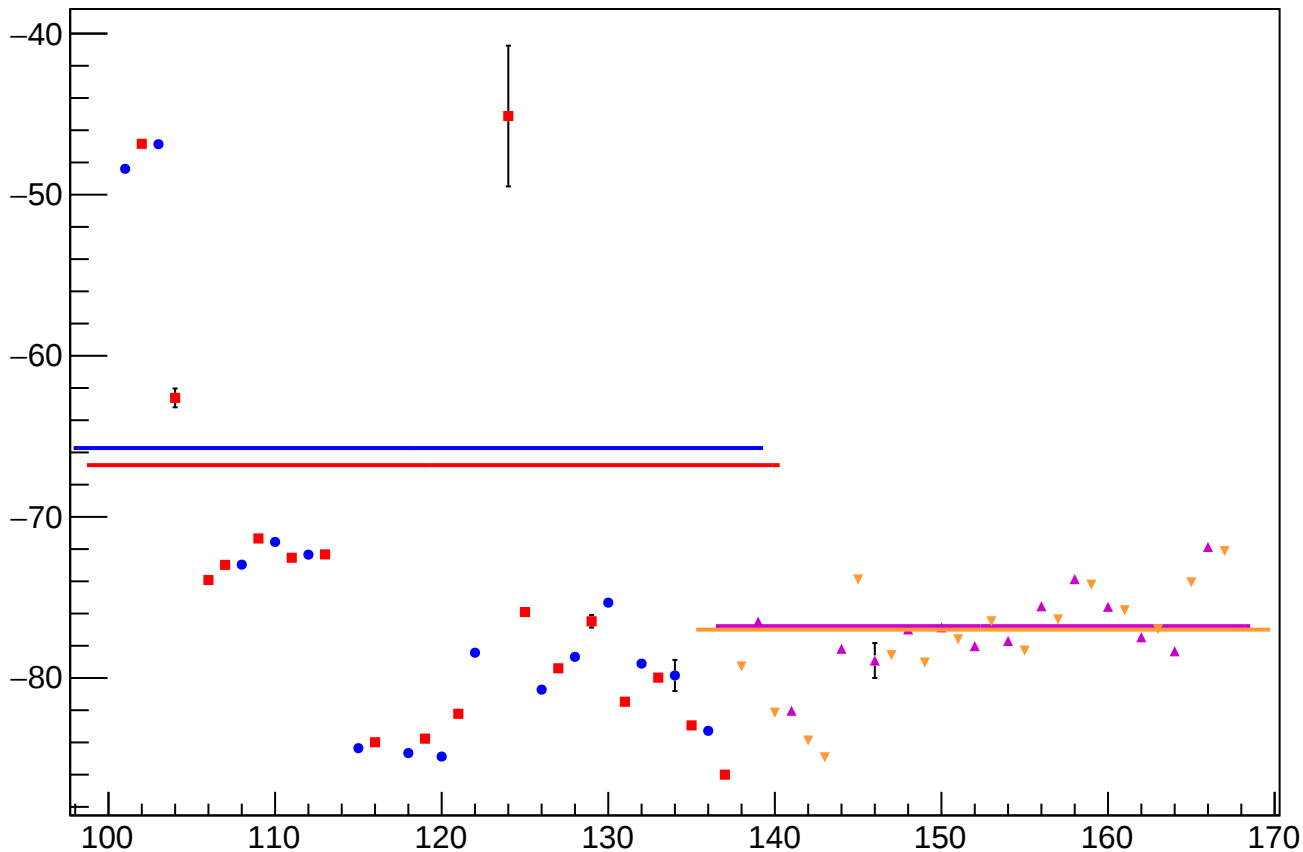
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.917 $\pm$ 0.018 χ^2 /NDF:66741.3/28

Out: 38.640 $\pm$ 0.018 χ^2 /NDF:23769.2/33

All: 38.284 $\pm$ 0.013 χ^2 /NDF: 91343.4/62

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.999 $\pm$ 0.028 χ^2 /NDF:16553.3/15

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.783 $\pm$ 0.023 χ^2 /NDF:5253.4/13

Left: -76.868 $\pm$ 0.018 χ^2 /NDF: 21842.9/29

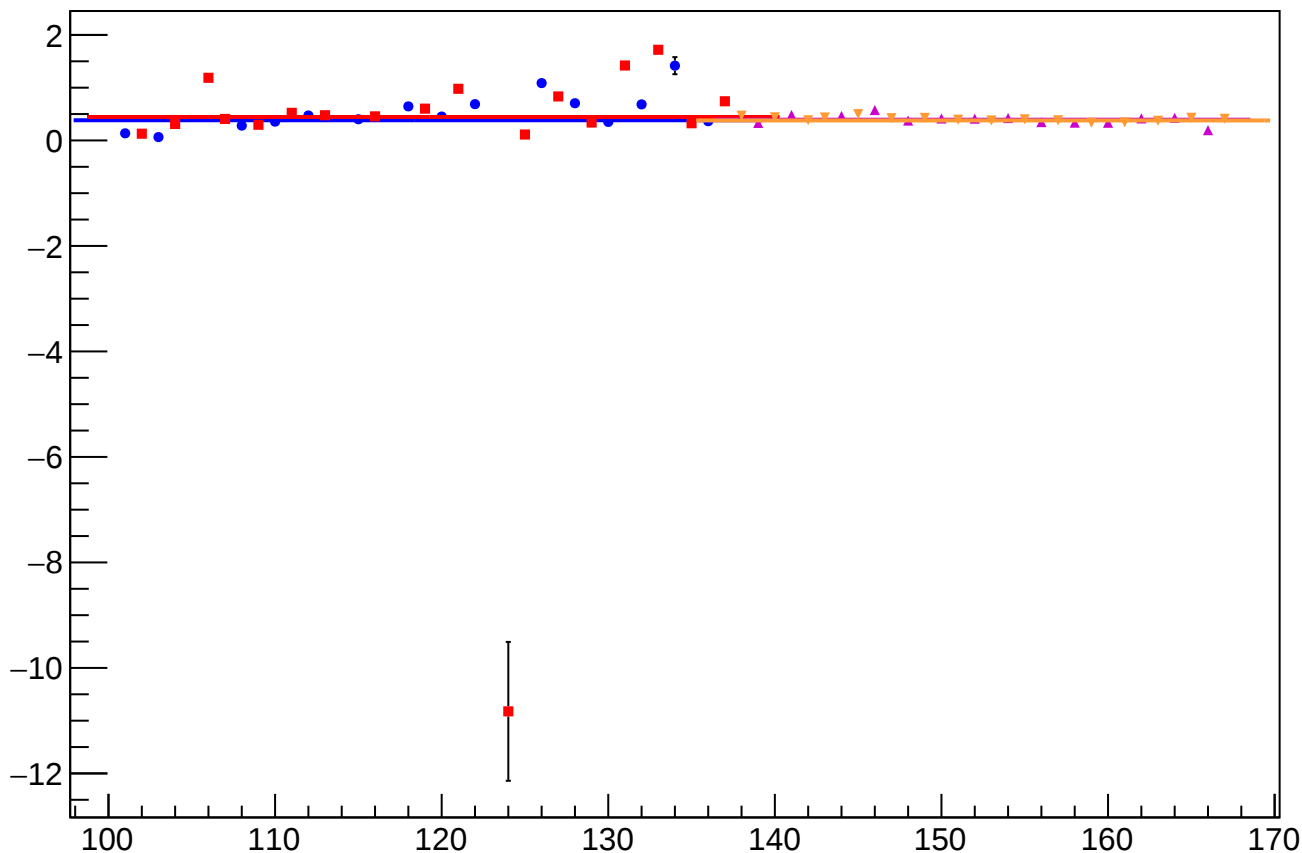
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.681 $\pm$ 0.014 χ^2 /NDF:1062227.6/28

Out: -69.252 $\pm$ 0.014 χ^2 /NDF:926607.1/33

All: -69.470 $\pm$ 0.010 χ^2 /NDF: 1989328.2/62

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.379 $\pm$ 0.001 χ^2 /NDF: 5831.7/15

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.393 $\pm$ 0.001 χ^2 /NDF: 6473.8/13

Left: 0.386 $\pm$ 0.000 χ^2 /NDF: 12638.1/29

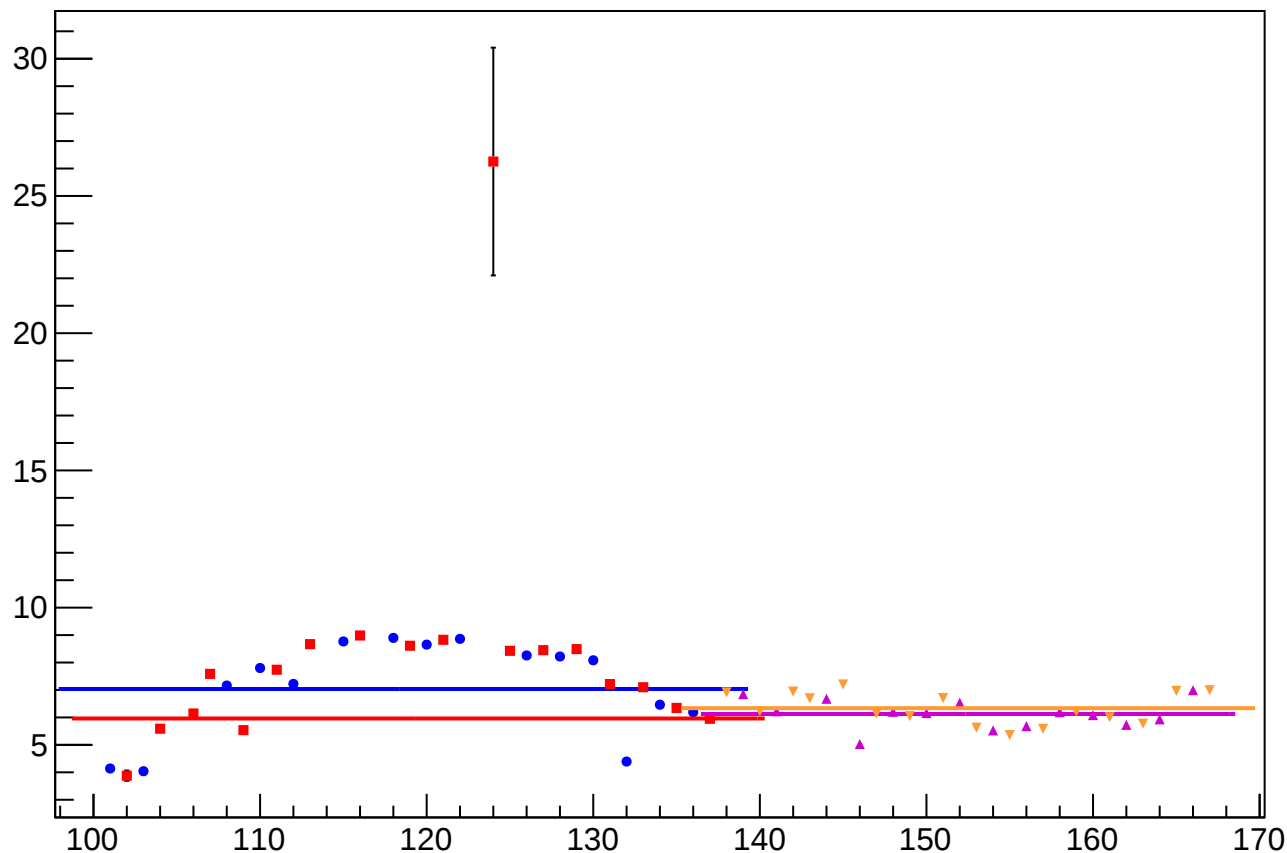
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14675.0/28

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8926.8/33

All: 0.386 $\pm$ 0.000 χ^2 /NDF: 23851.2/62

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.338 $\pm$ 0.002 χ^2 /NDF: 56142.4/15

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.125 $\pm$ 0.002 χ^2 /NDF: 36965.1/13

Left: 6.225 $\pm$ 0.001 χ^2 /NDF: 100755.3/29

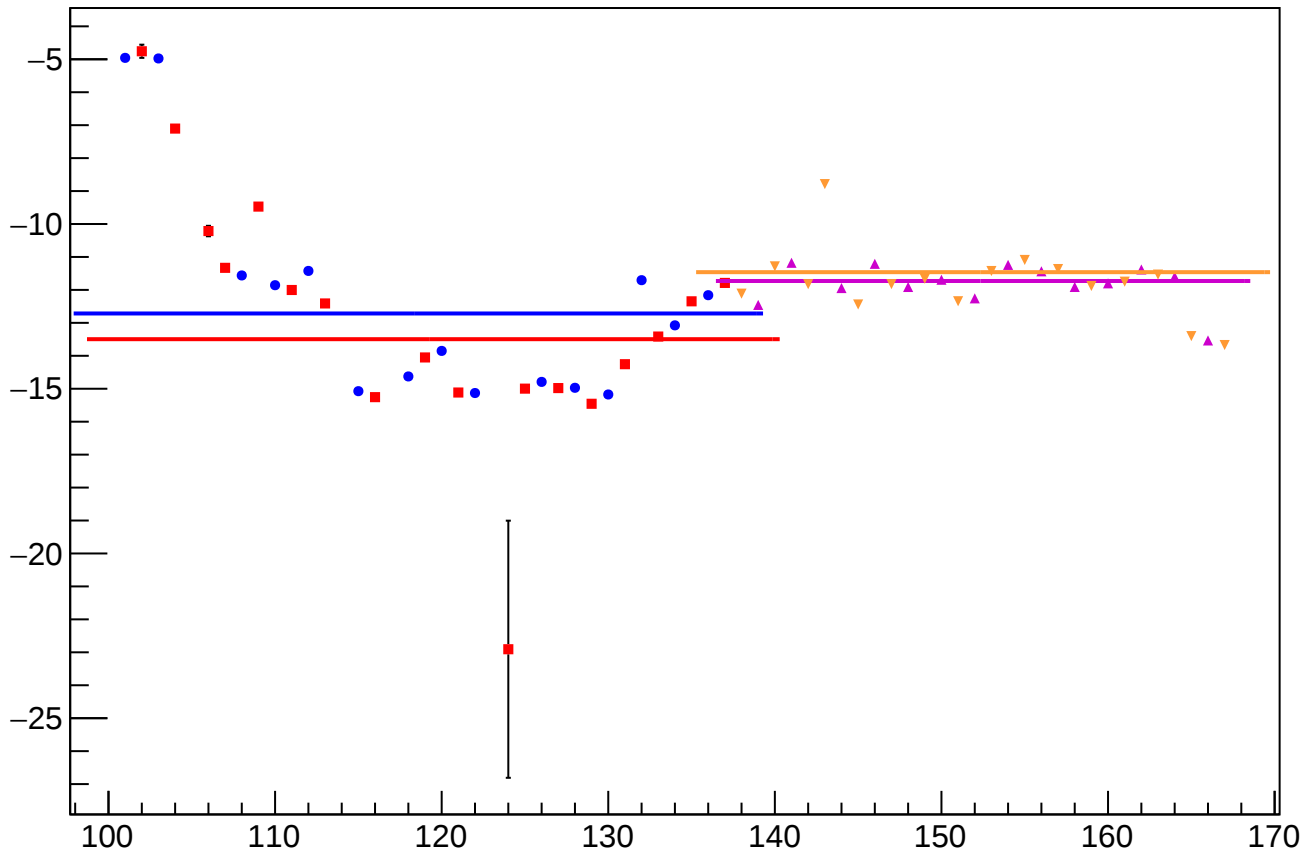
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.234 $\pm$ 0.002 χ^2 /NDF: 142593.0/28

Out: 5.981 $\pm$ 0.000 χ^2 /NDF: 267497.2/33

All: 5.996 $\pm$ 0.000 χ^2 /NDF: 434731.3/62

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.461 ± 0.002 $\chi^2/\text{NDF}: 271587.7/15$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.730 ± 0.002 $\chi^2/\text{NDF}: 20591.2/13$

Left: -11.599 ± 0.002 $\chi^2/\text{NDF}: 298529.7/29$

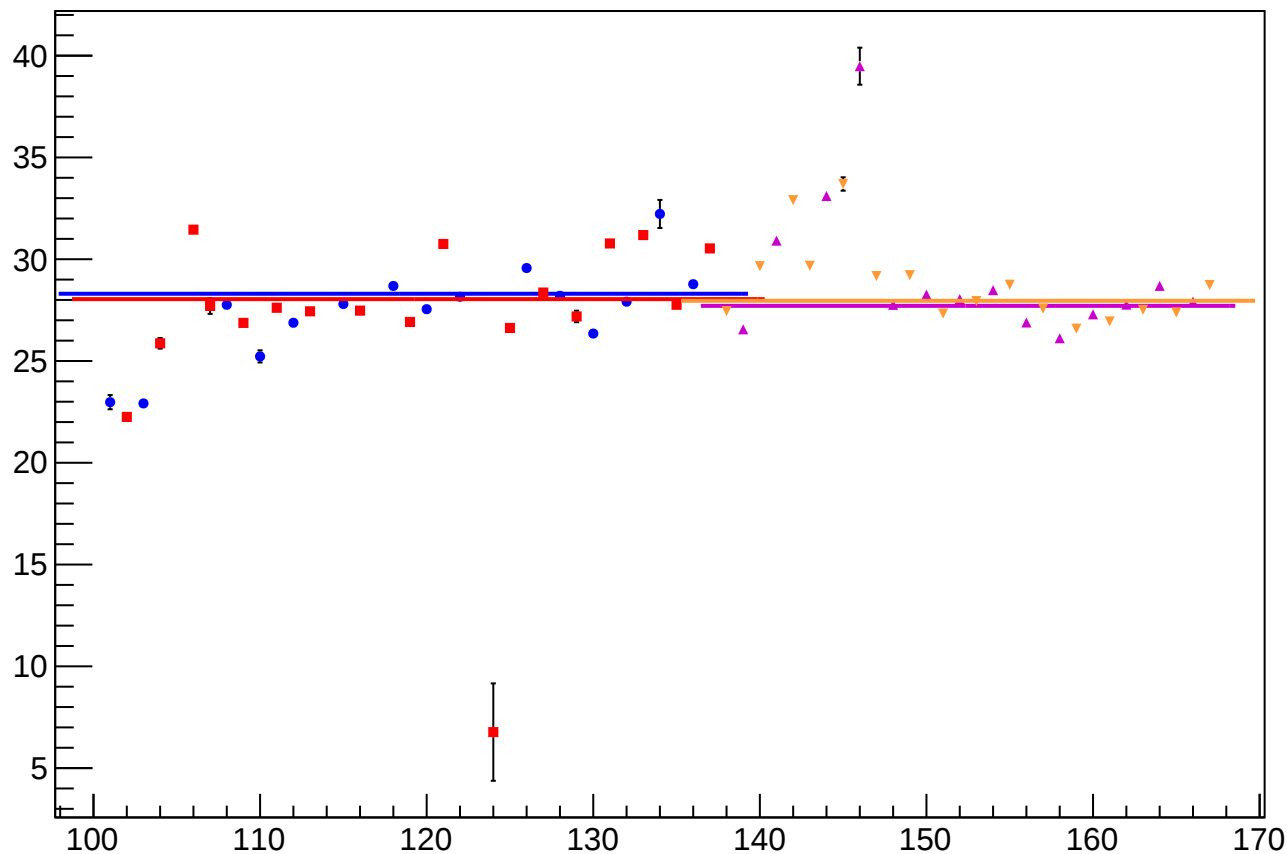
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.847 ± 0.002 $\chi^2/\text{NDF}: 126859.0/28$

Out: -11.761 ± 0.002 $\chi^2/\text{NDF}: 431874.0/33$

All: -11.804 ± 0.002 $\chi^2/\text{NDF}: 559486.9/62$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.958 ± 0.020 $\chi^2/\text{NDF}: 3670.0/15$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.709 ± 0.017 $\chi^2/\text{NDF}: 4636.4/13$

Left: 27.810 ± 0.013 $\chi^2/\text{NDF}: 8395.3/29$

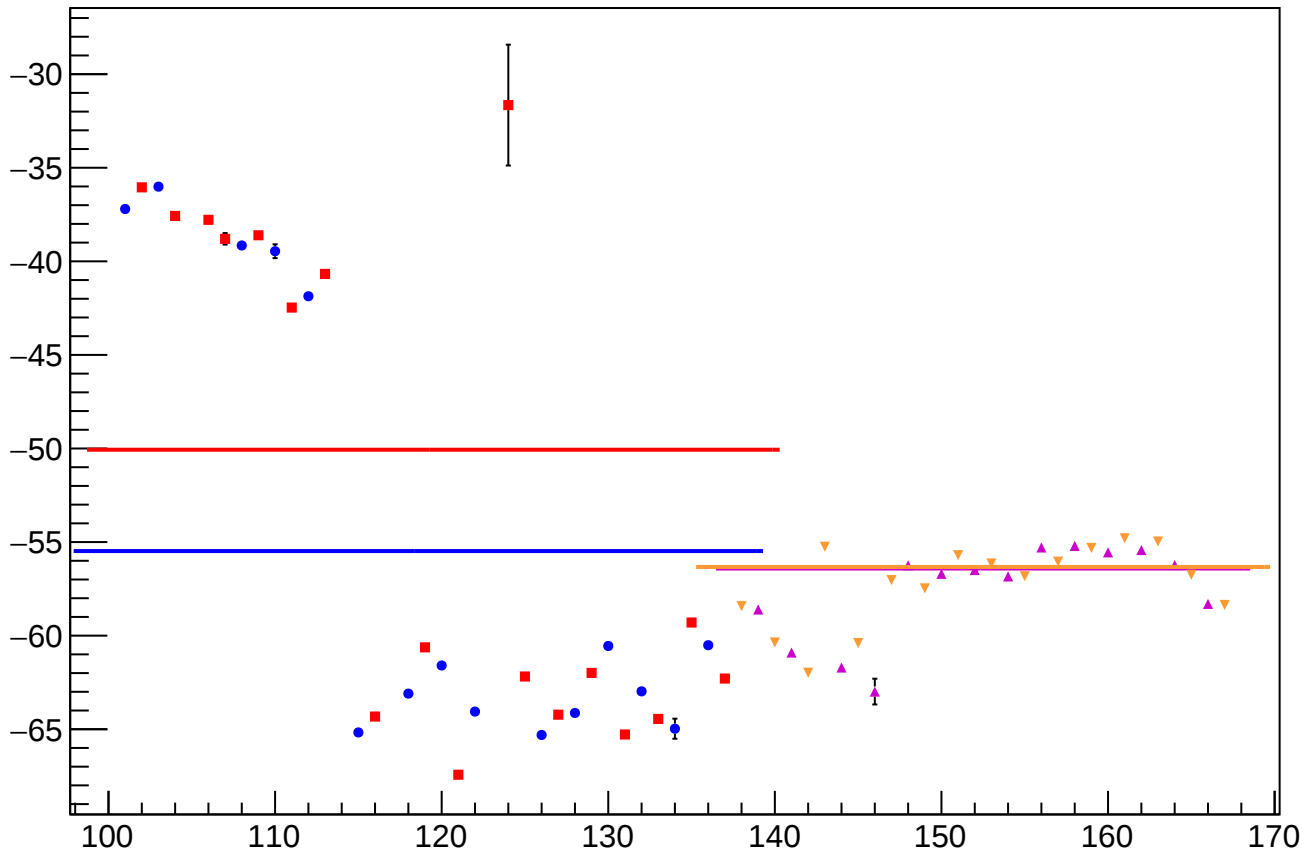
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/28$

Out: 27.983 ± 0.017 $\chi^2/\text{NDF}: 6236.5/33$

All: 27.942 ± 0.011 $\chi^2/\text{NDF}: 14716.7/62$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.329 $\pm$ 0.017 χ^2 /NDF: 7951.3/15

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -56.413 $\pm$ 0.014 χ^2 /NDF: 8176.9/13

Left: -56.378 $\pm$ 0.011 χ^2 /NDF: 16142.2/29

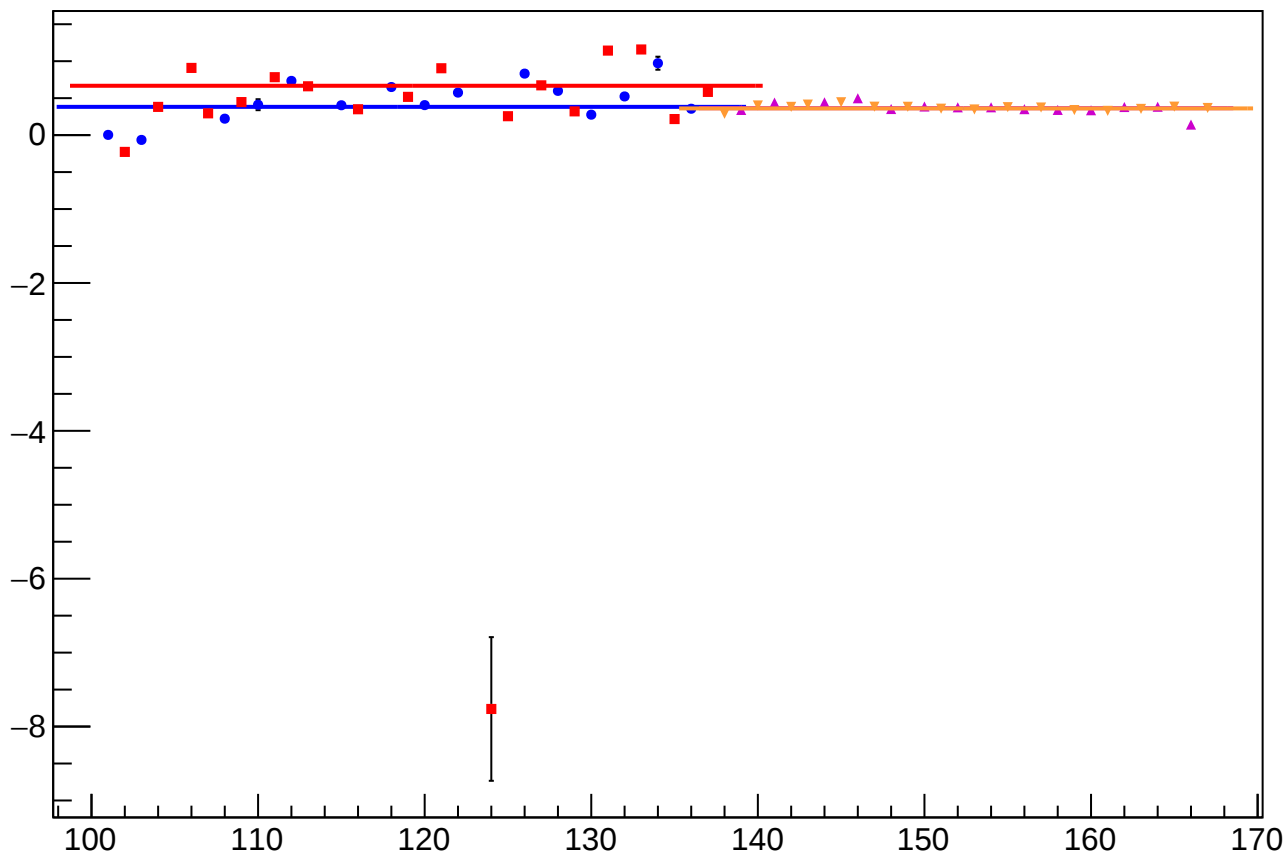
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.017 $\pm$ 0.011 χ^2 /NDF: 605144.4/28

Out: -54.119 $\pm$ 0.014 χ^2 /NDF: 395536.6/33

All: -55.294 $\pm$ 0.008 χ^2 /NDF: 1012494.9/62

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:3913.7/15

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.364 $\pm$ 0.000 χ^2 /NDF:5078.4/13

Left: 0.363 $\pm$ 0.000 χ^2 /NDF: 9025.0/29

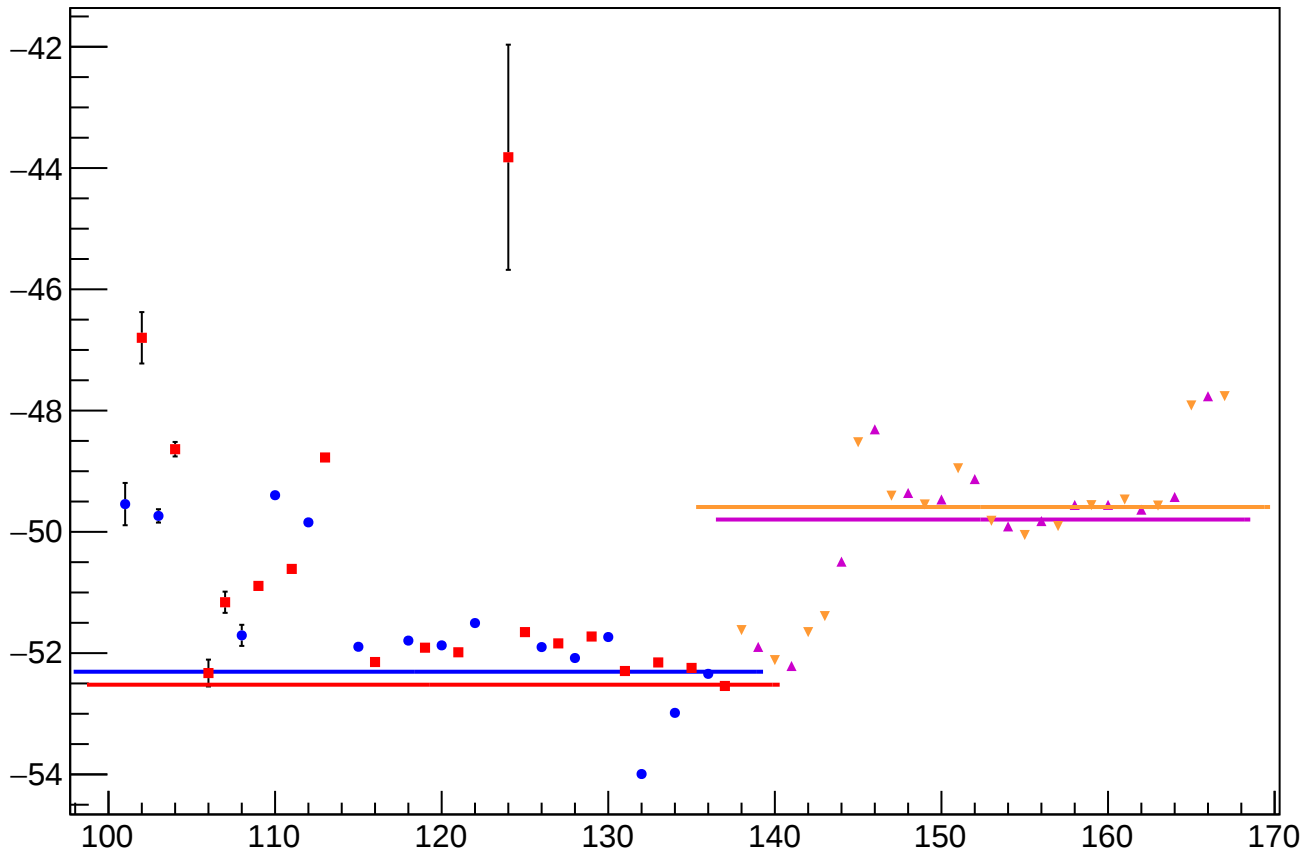
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.365 $\pm$ 0.000 χ^2 /NDF:9794.5/28

Out: 0.363 $\pm$ 0.000 χ^2 /NDF:12012.7/33

All: 0.364 $\pm$ 0.000 χ^2 /NDF: 21818.4/62

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.590 $\pm$ 0.002 χ^2 /NDF: 335884.2/15

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.797 $\pm$ 0.002 χ^2 /NDF: 256130.5/13

Left: -49.694 $\pm$ 0.001 χ^2 /NDF: 600376.6/29

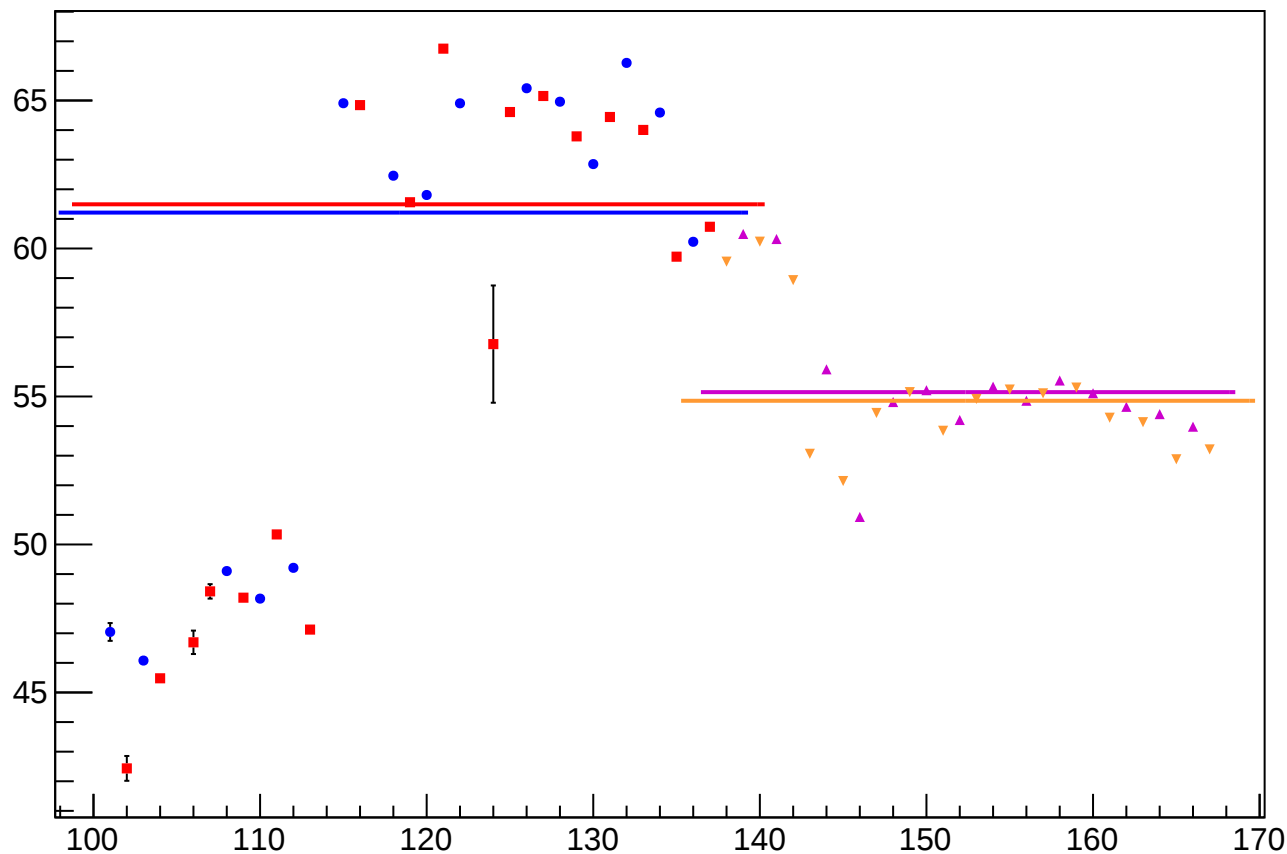
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.158 $\pm$ 0.001 χ^2 /NDF: 639590.2/28

Out: -51.579 $\pm$ 0.001 χ^2 /NDF: 2619035.6/33

All: -51.187 $\pm$ 0.001 χ^2 /NDF: 3932130.6/62

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.855 ± 0.003 $\chi^2/\text{NDF}: 234740.8/15$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.147 ± 0.003 $\chi^2/\text{NDF}: 63209.1/13$

Left: 55.015 ± 0.002 $\chi^2/\text{NDF}: 302101.0/29$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.668 ± 0.003 $\chi^2/\text{NDF}: 561140.3/28$

Out: 56.182 ± 0.003 $\chi^2/\text{NDF}: 1259572.1/33$

All: 55.917 ± 0.002 $\chi^2/\text{NDF}: 1835844.8/62$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

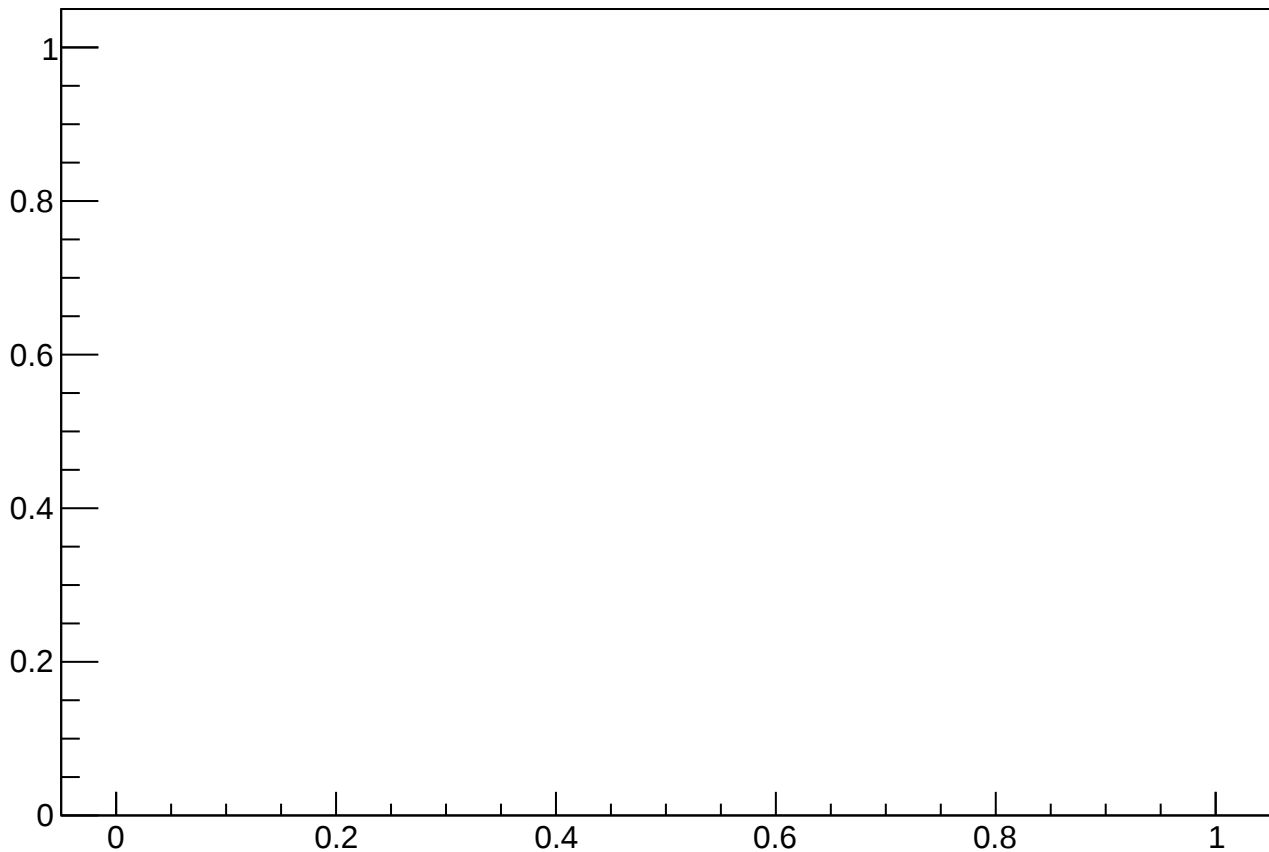
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

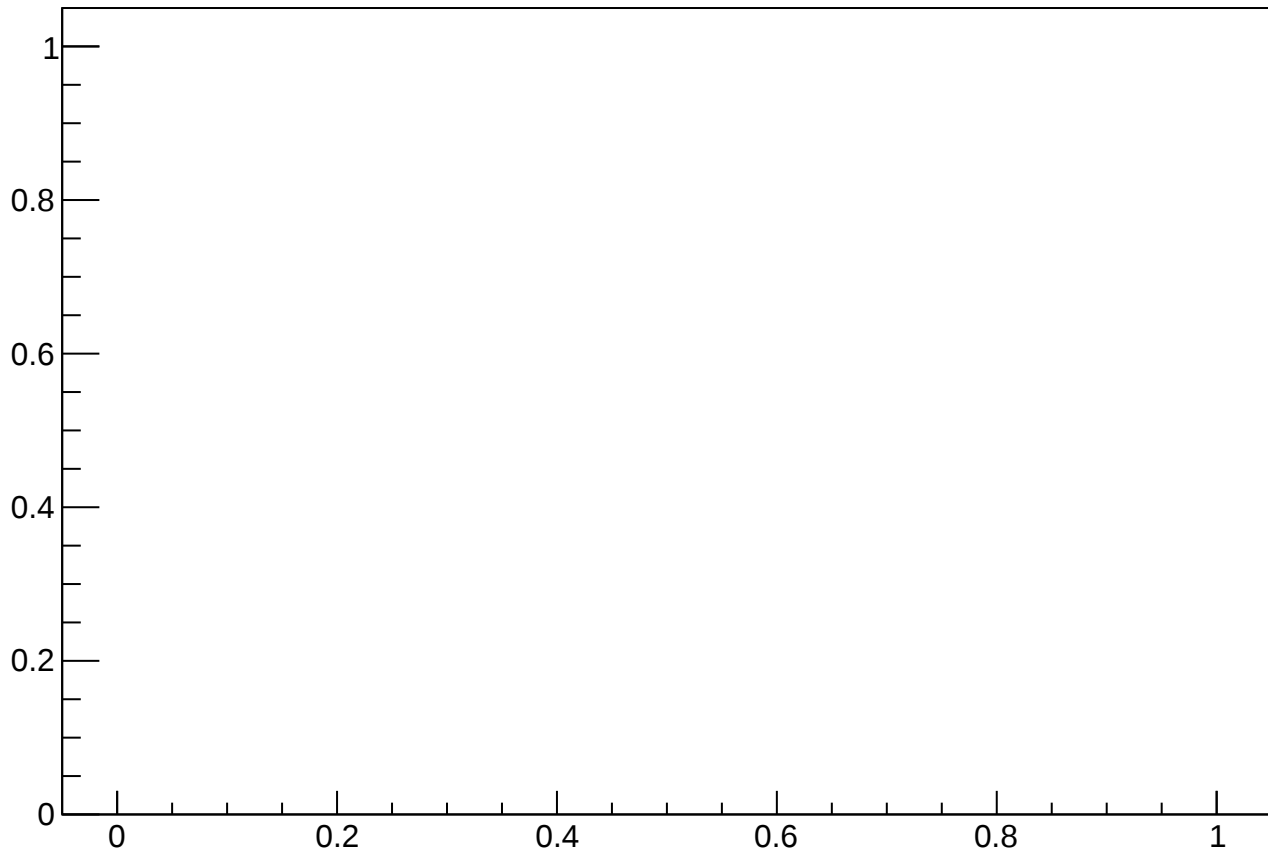
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

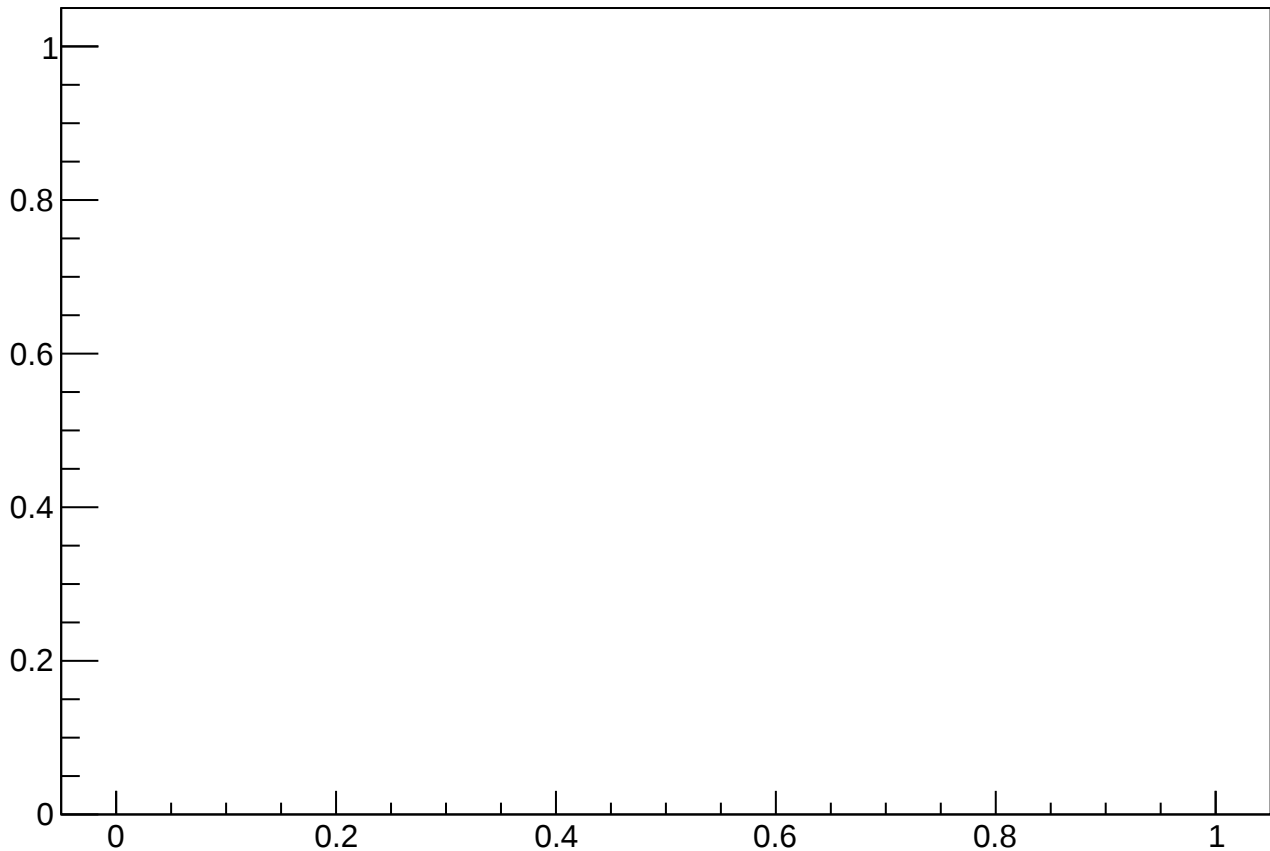
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

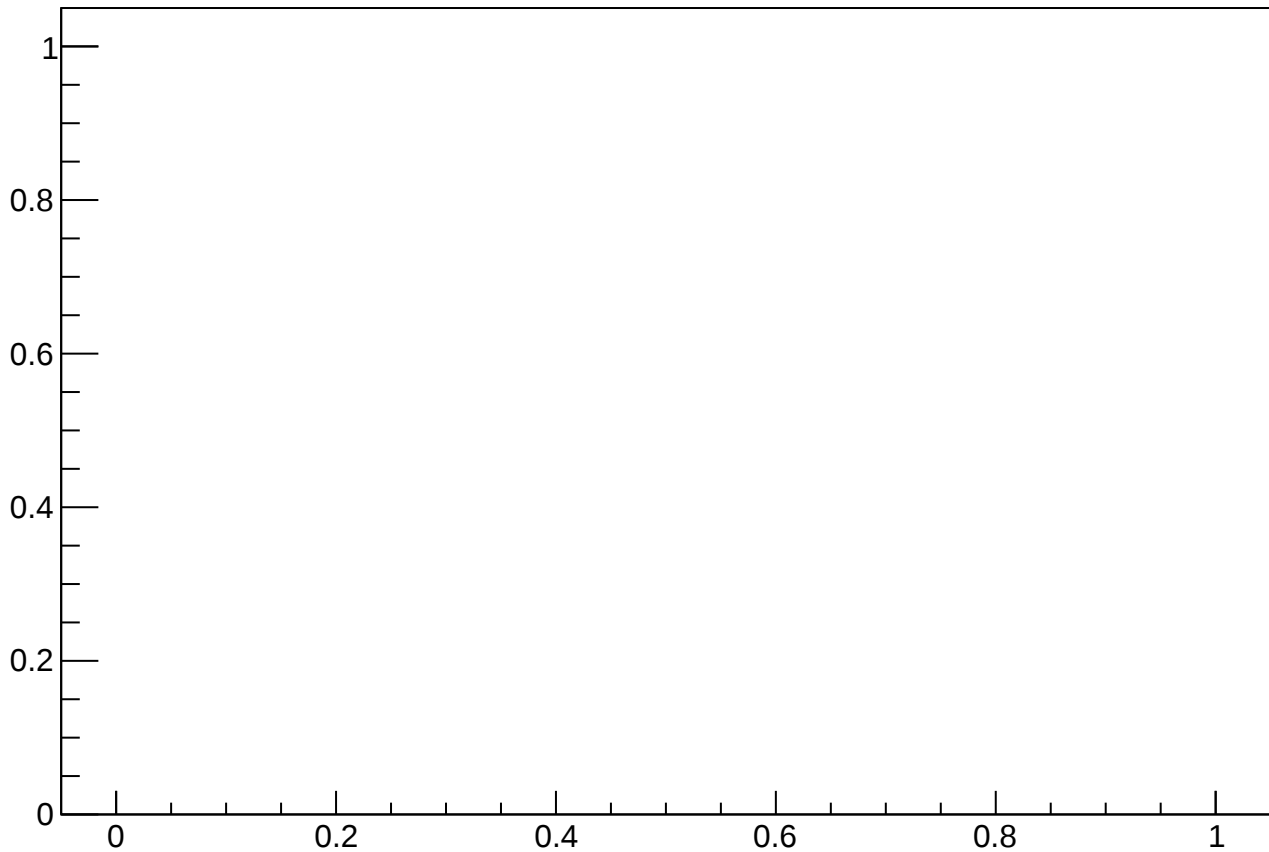
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

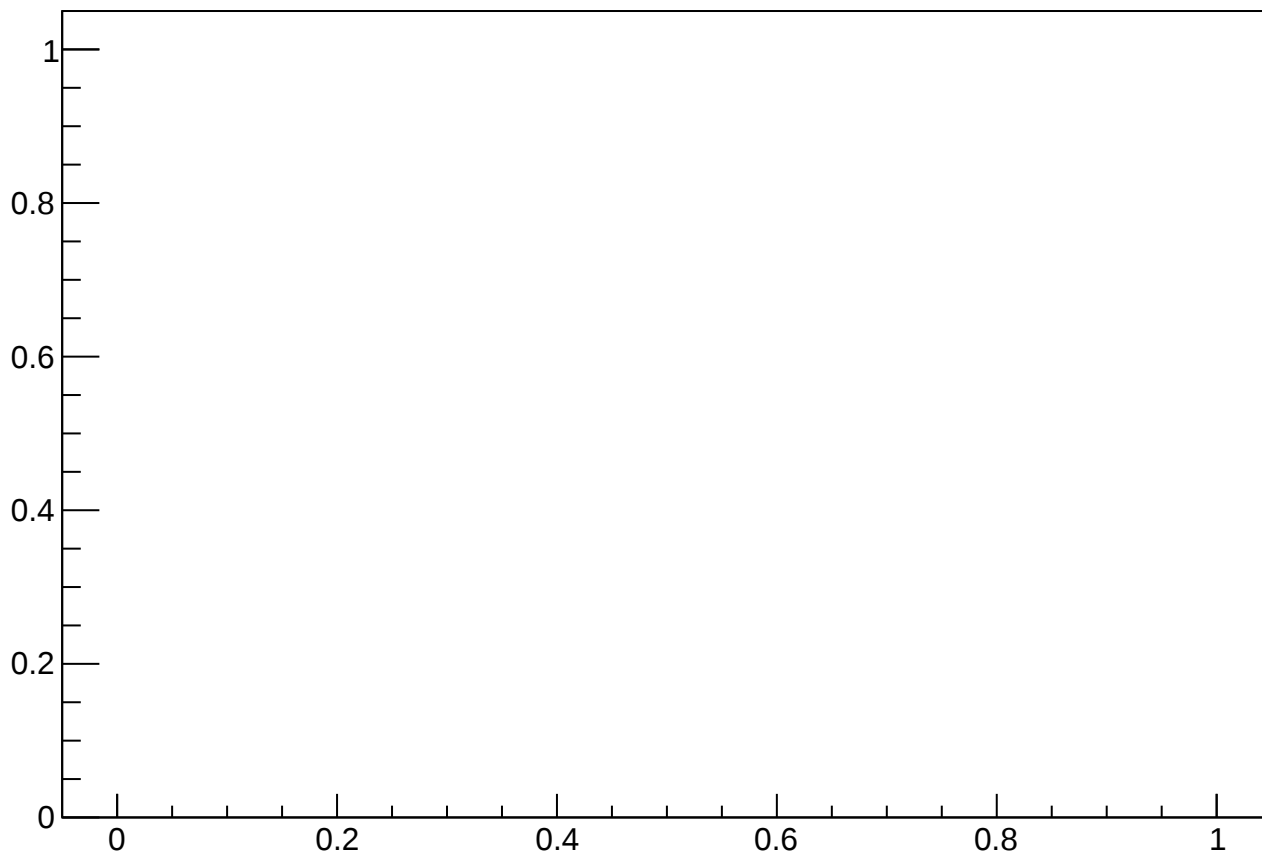
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

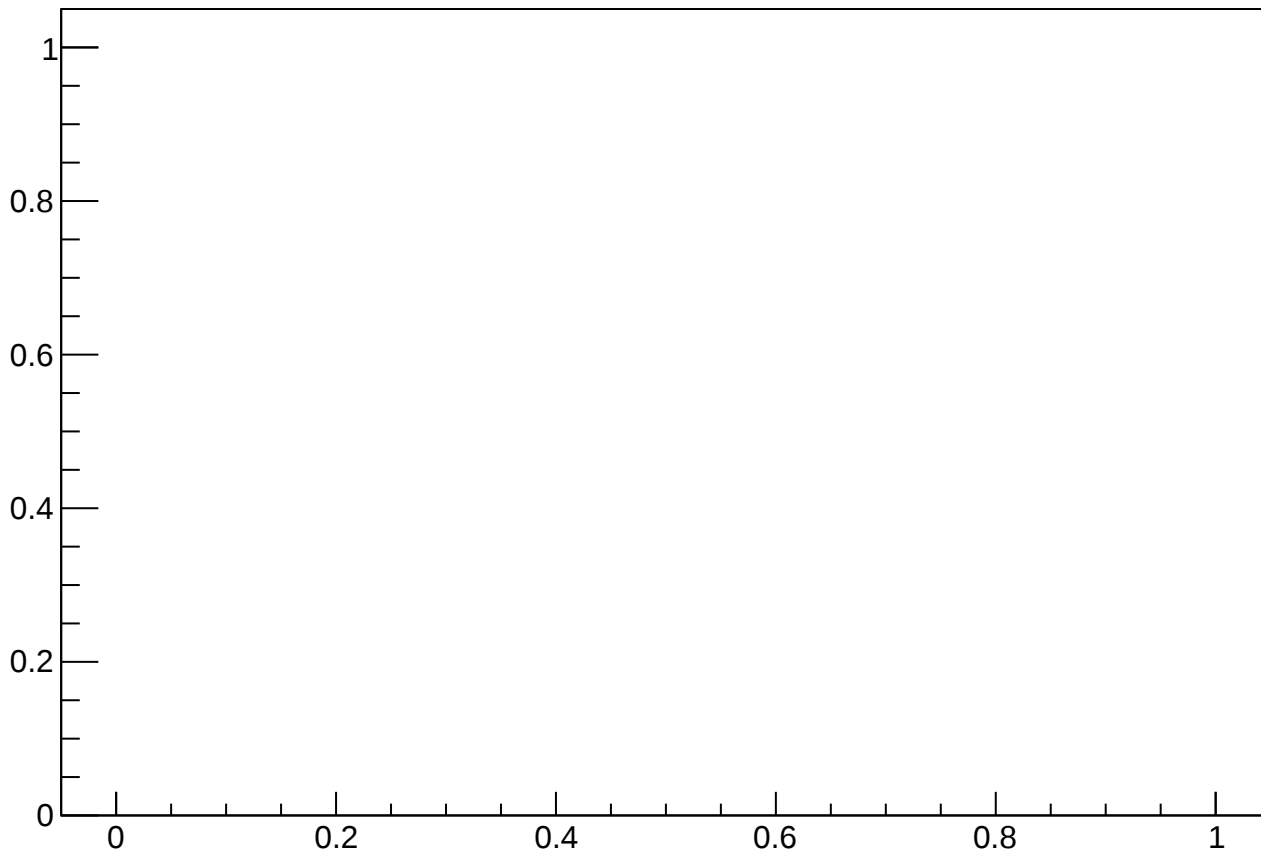
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

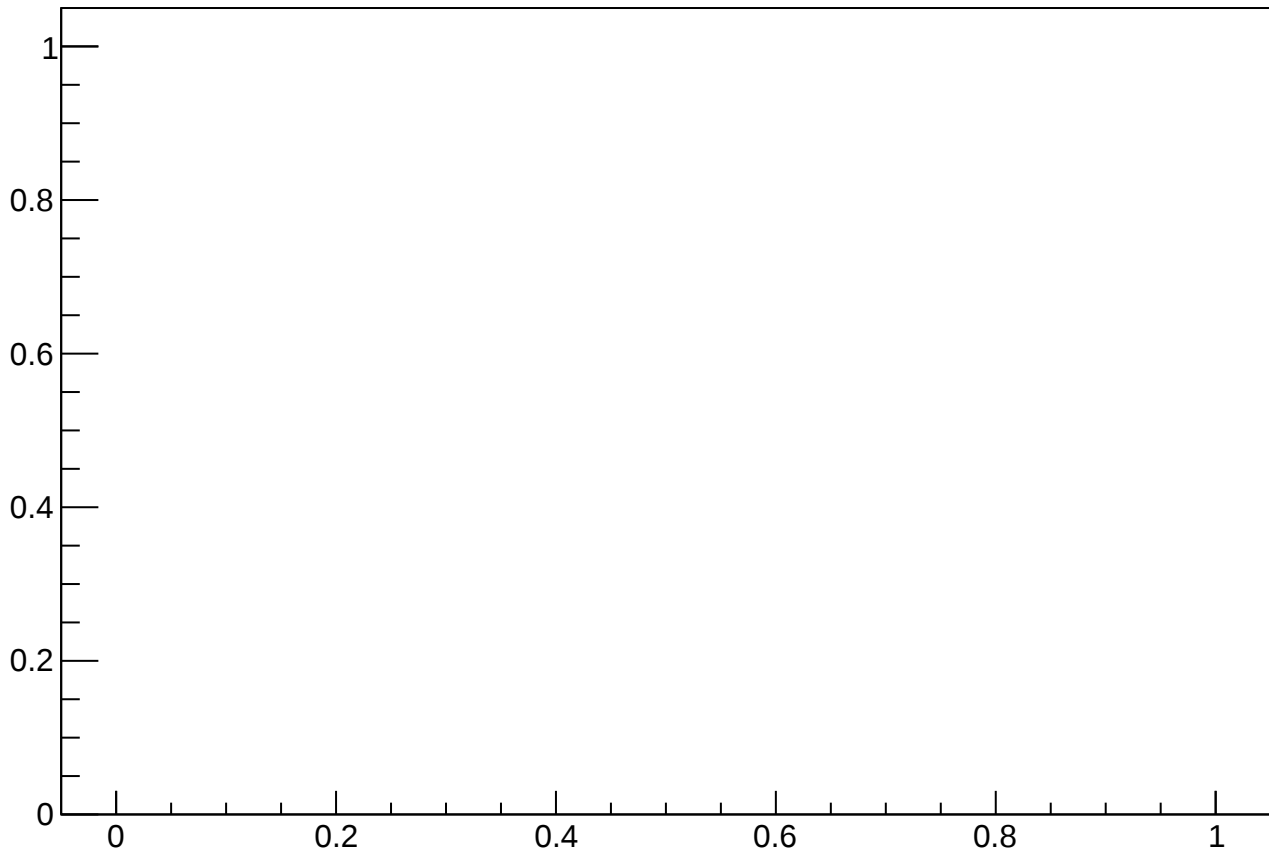
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

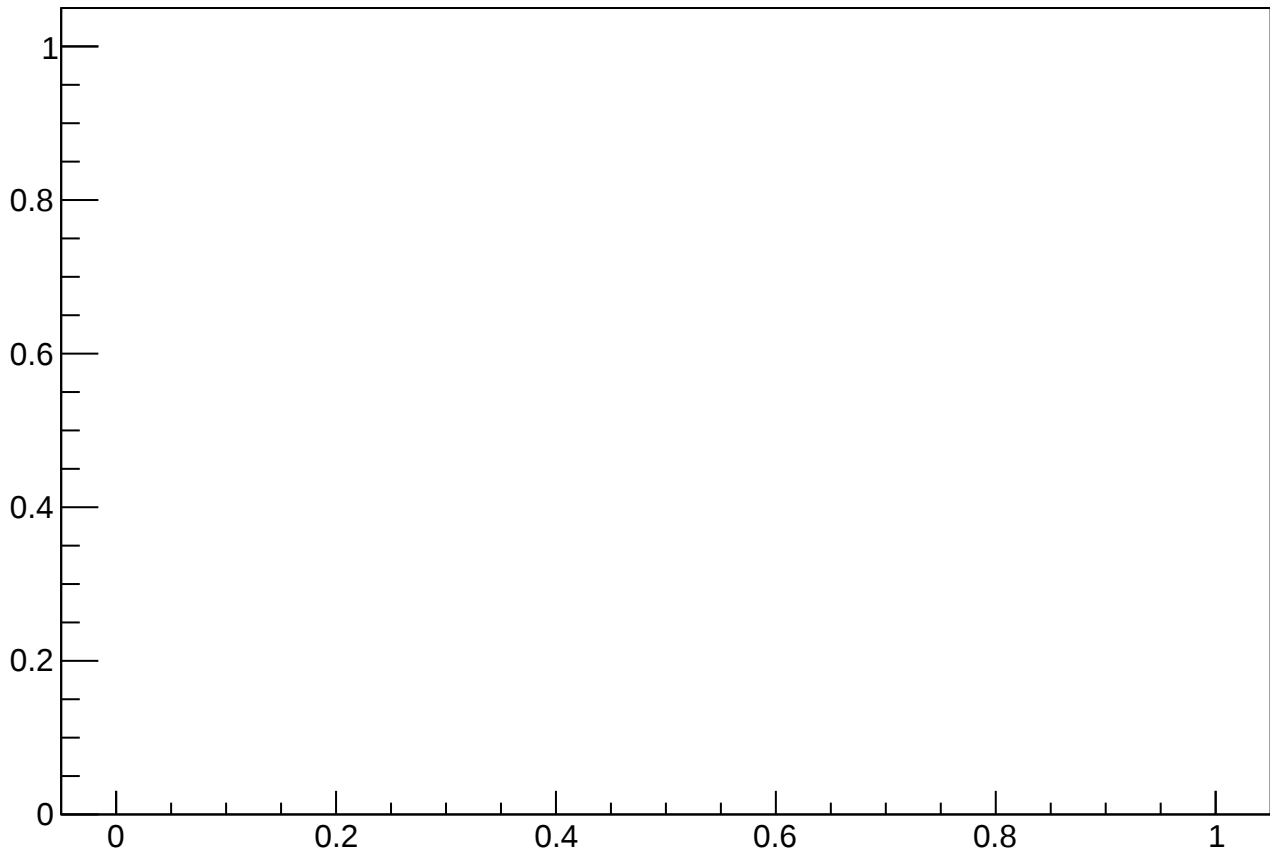
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

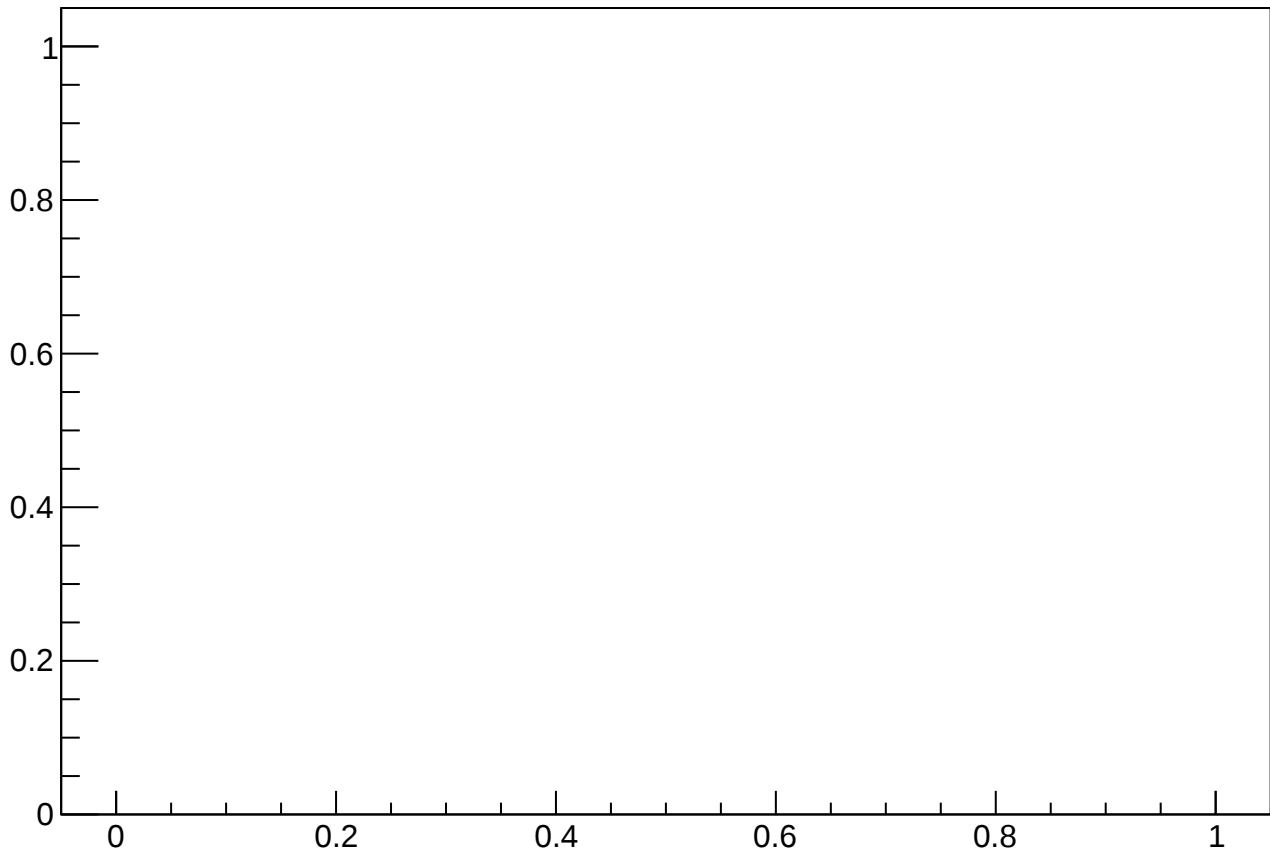
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

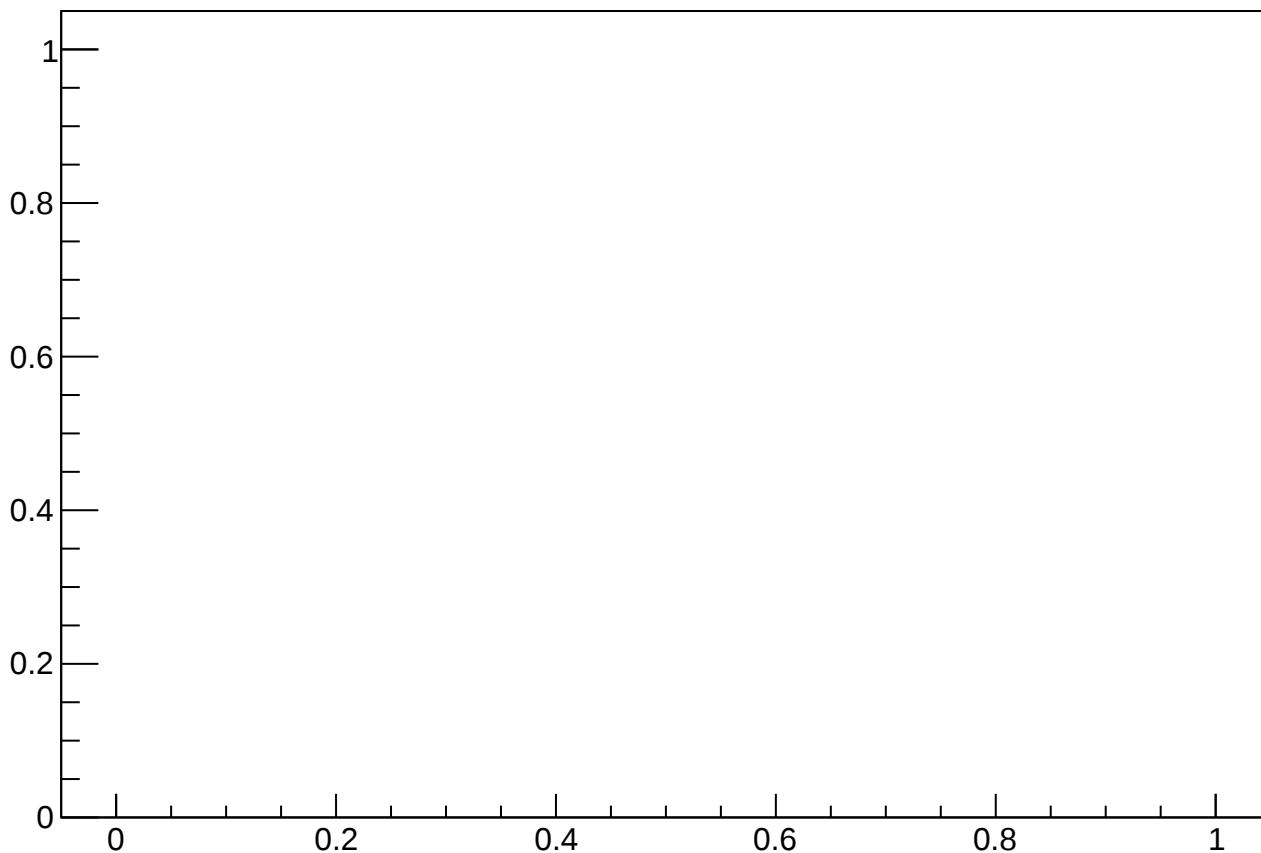
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

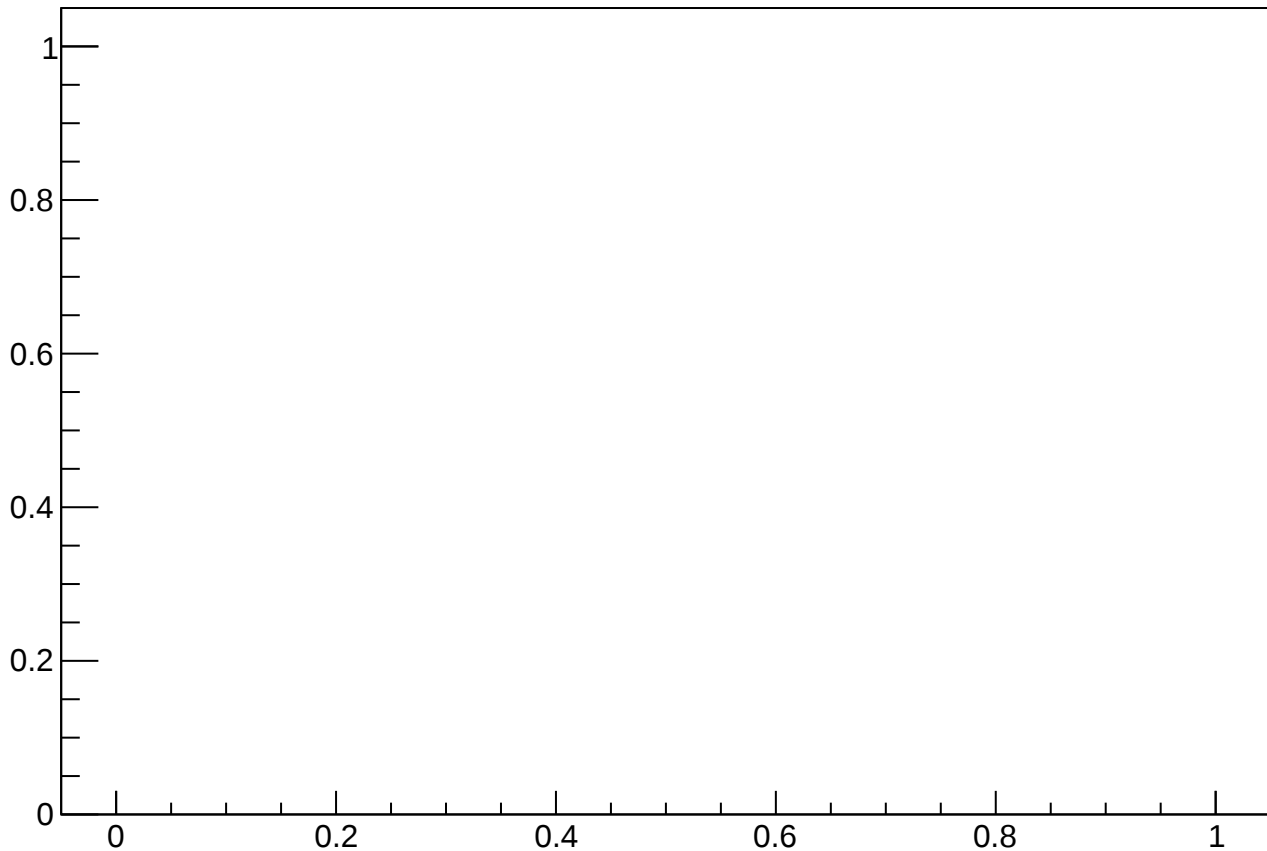
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

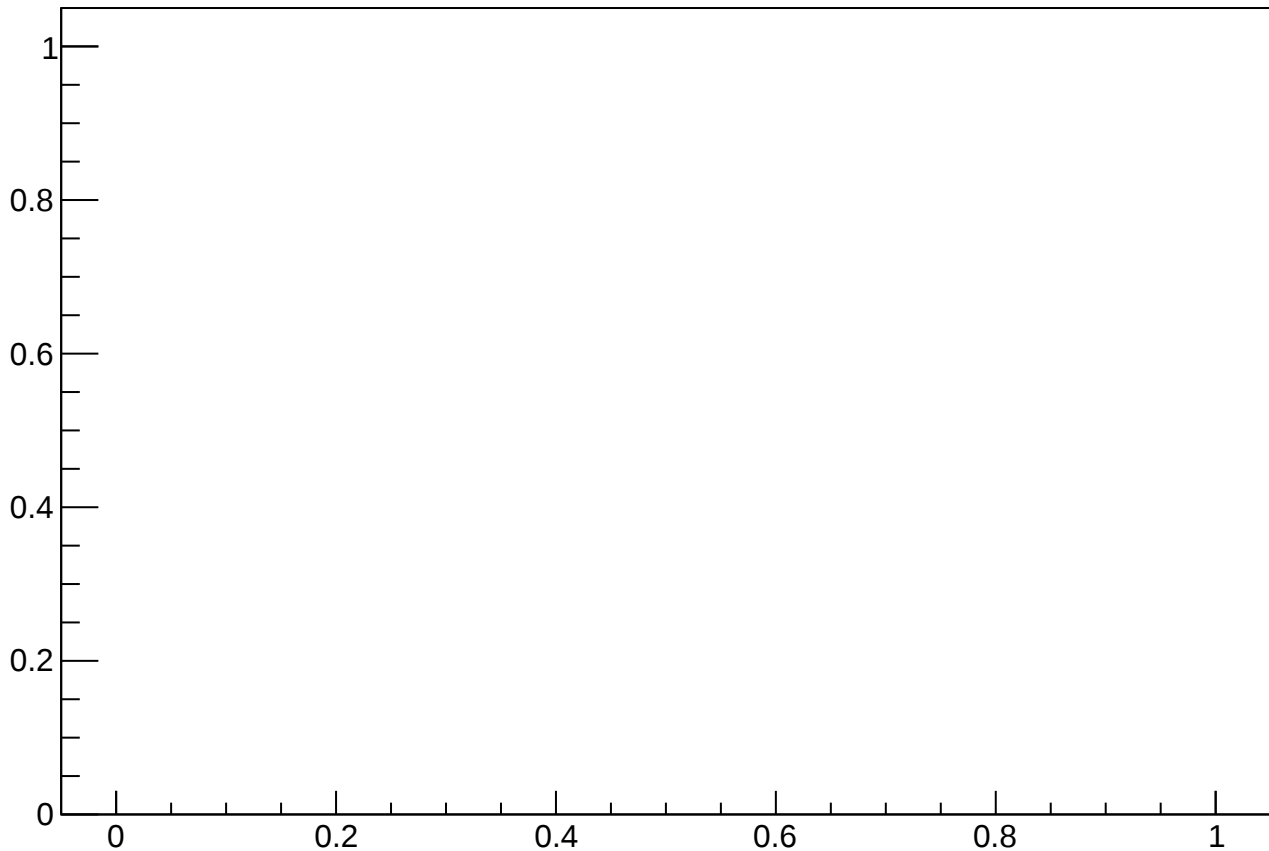
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

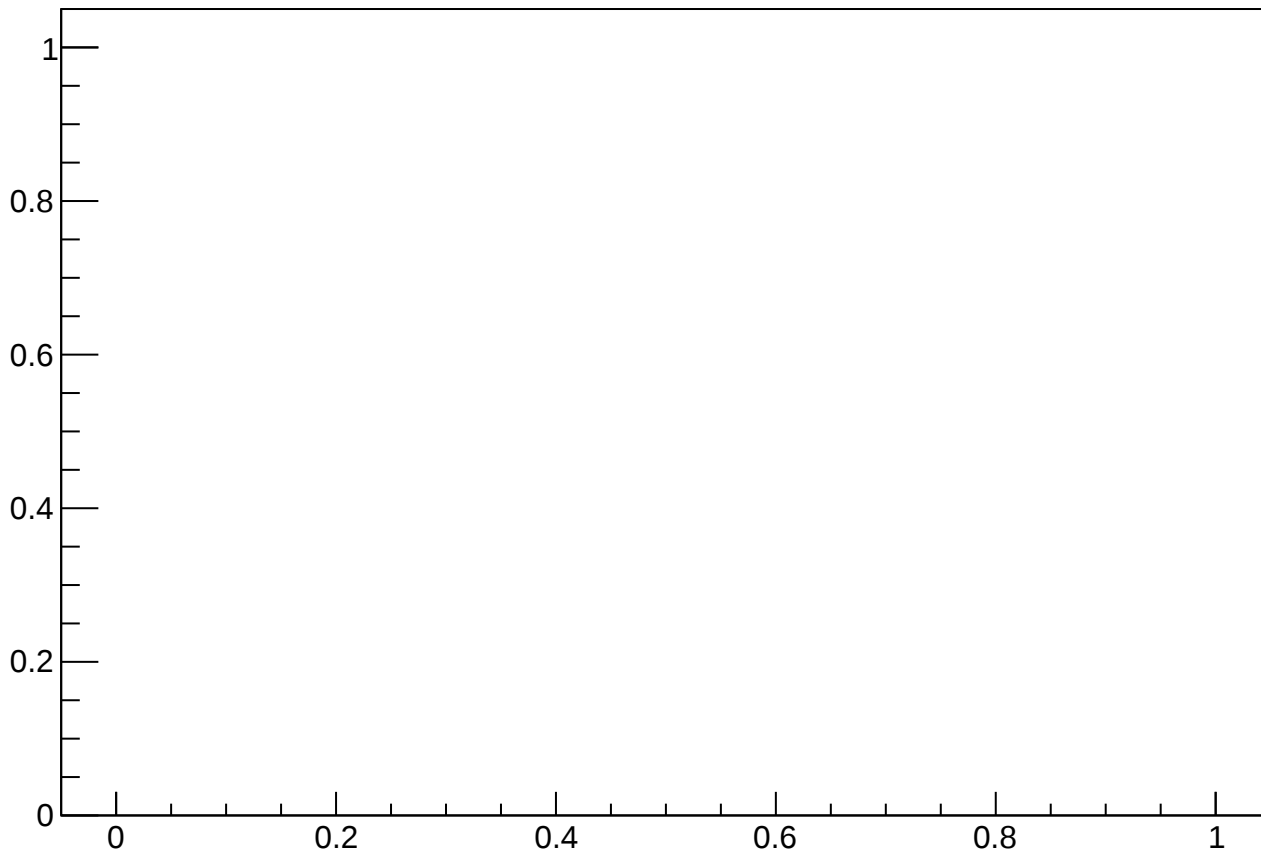
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

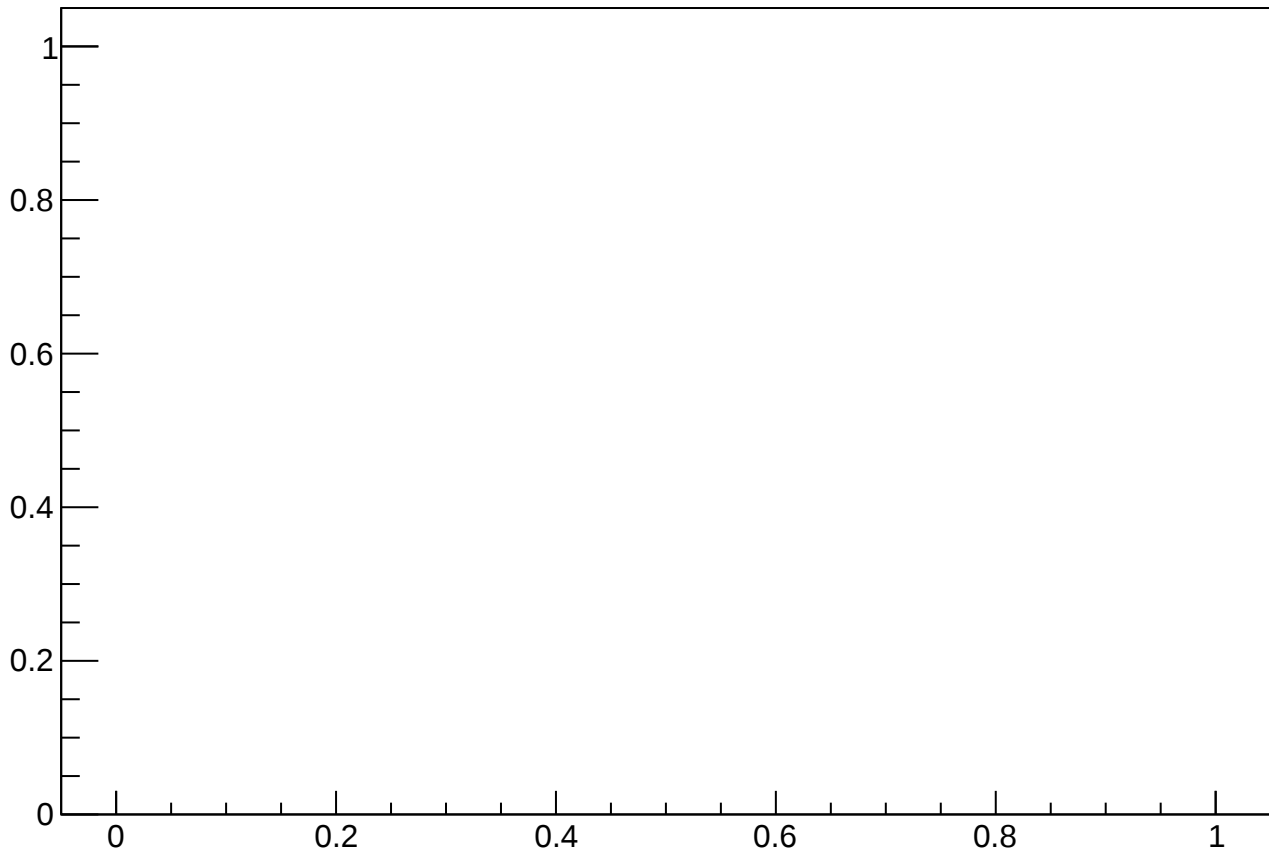
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

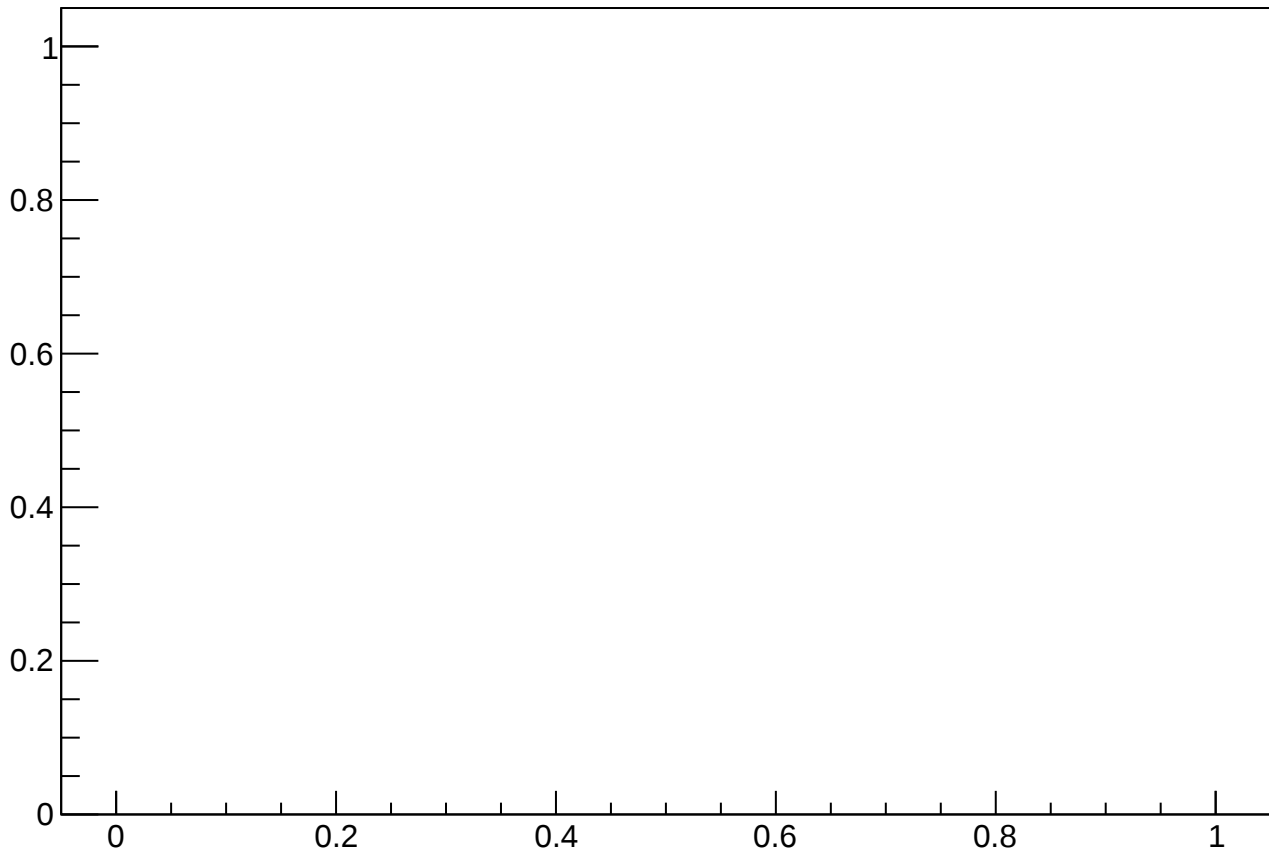
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

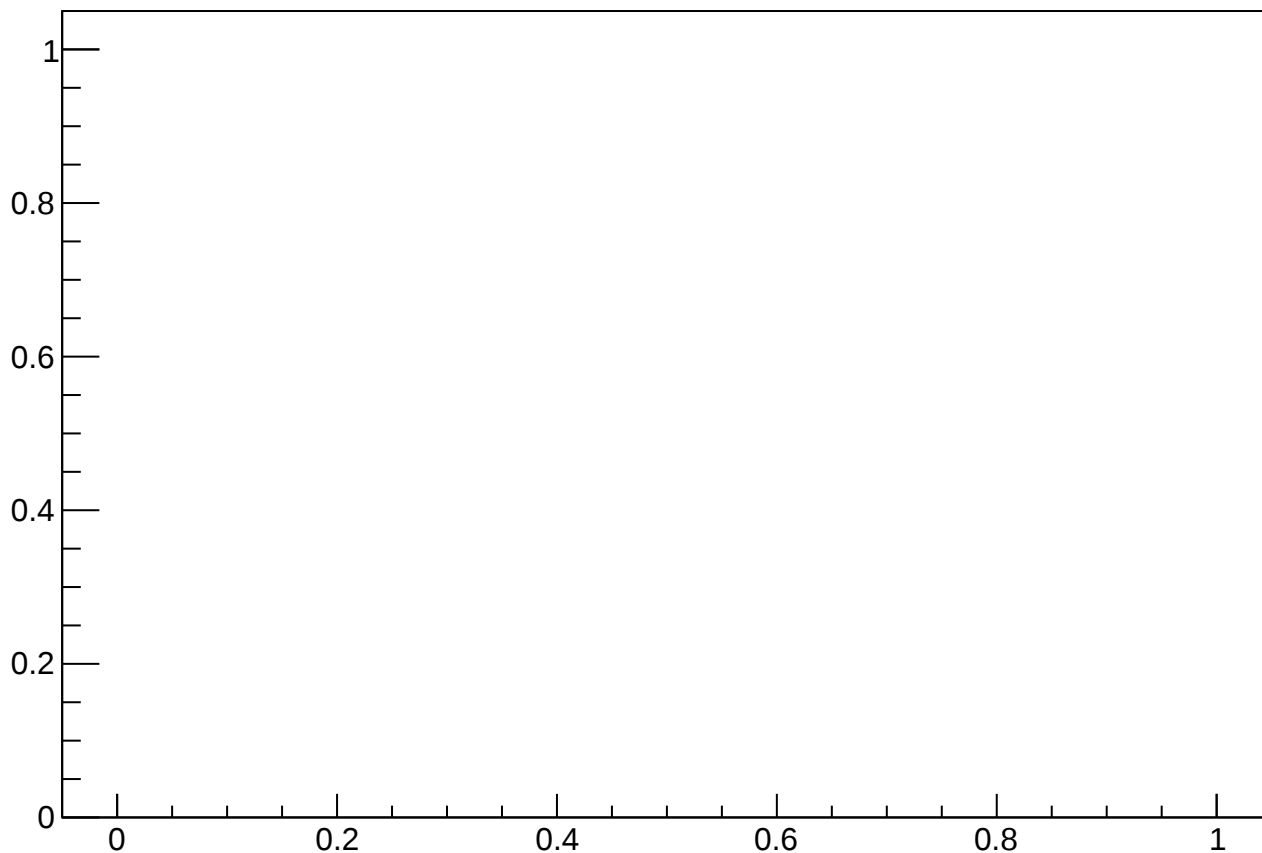
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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 $\pm$ 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_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

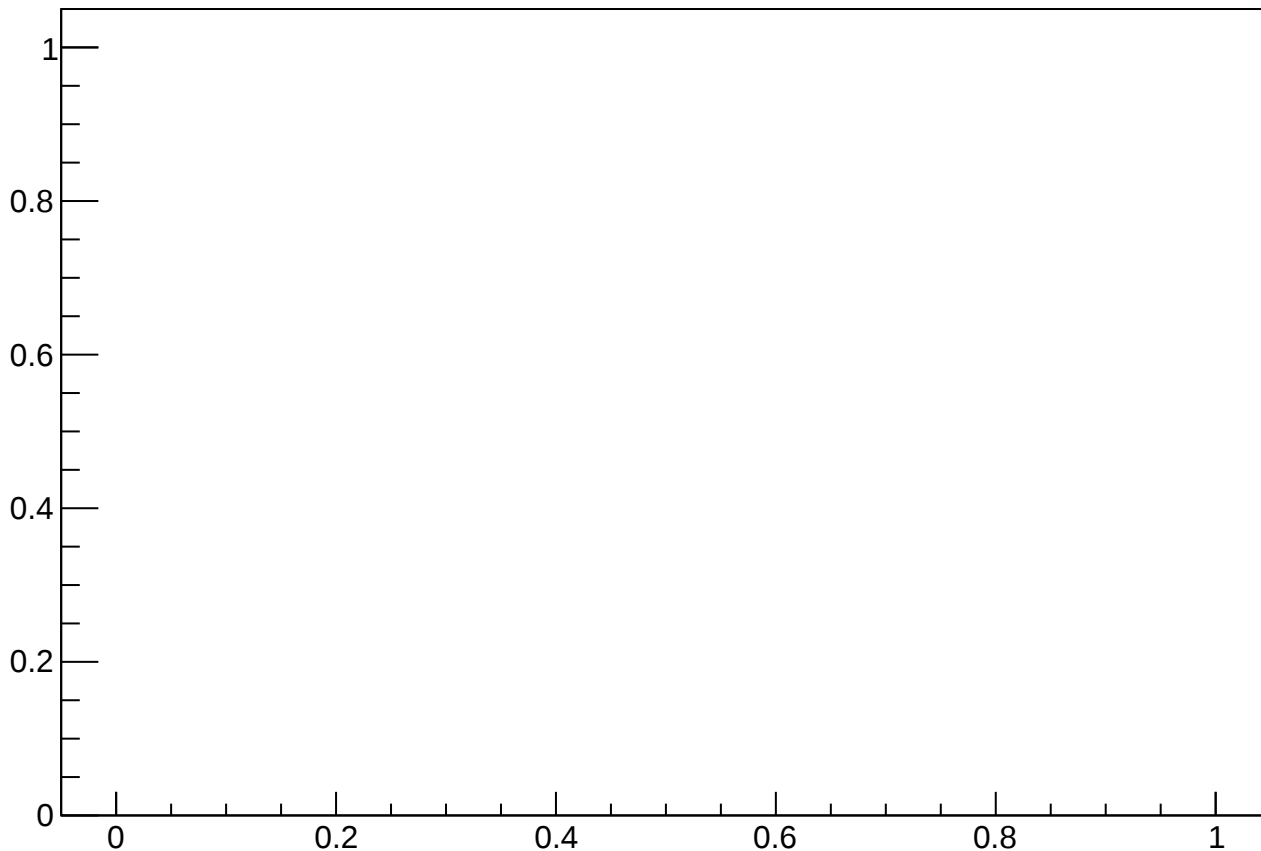
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

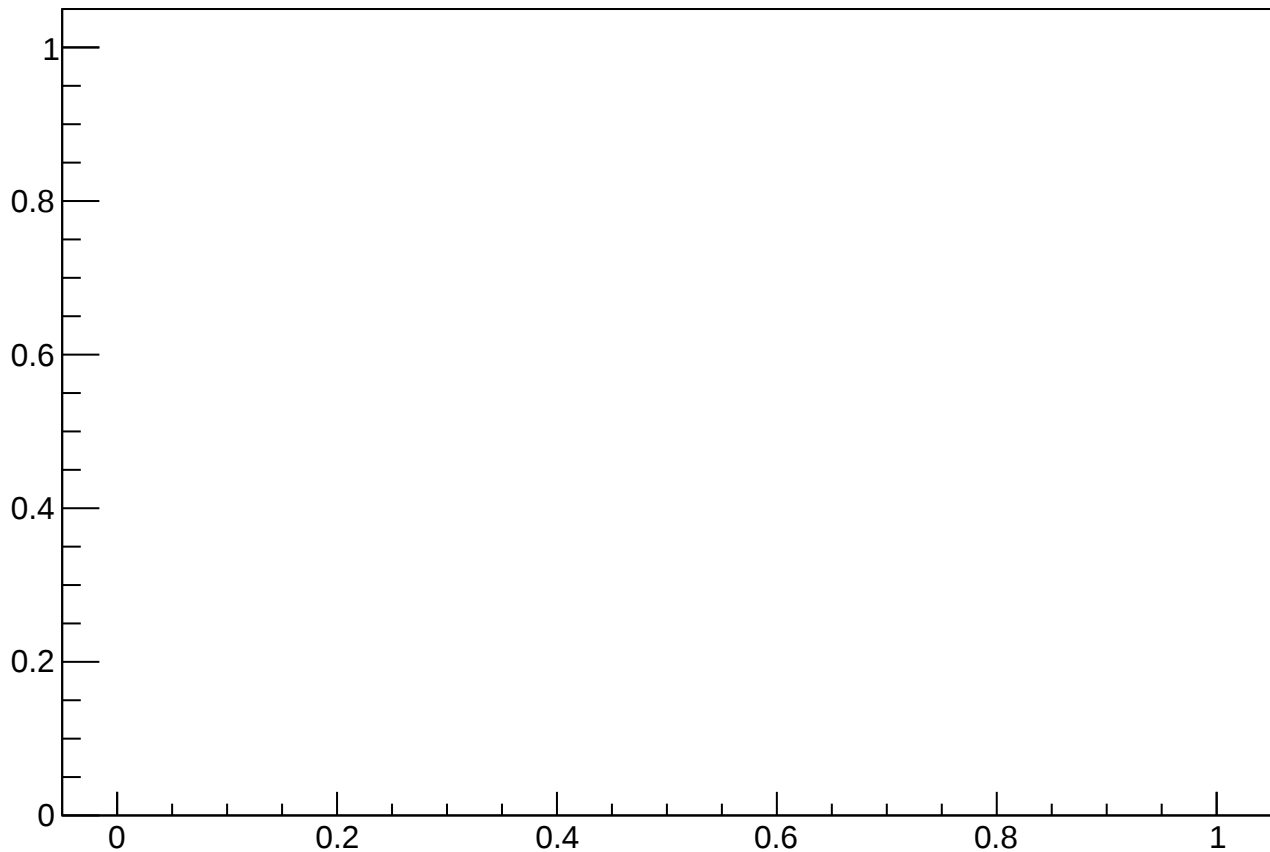
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

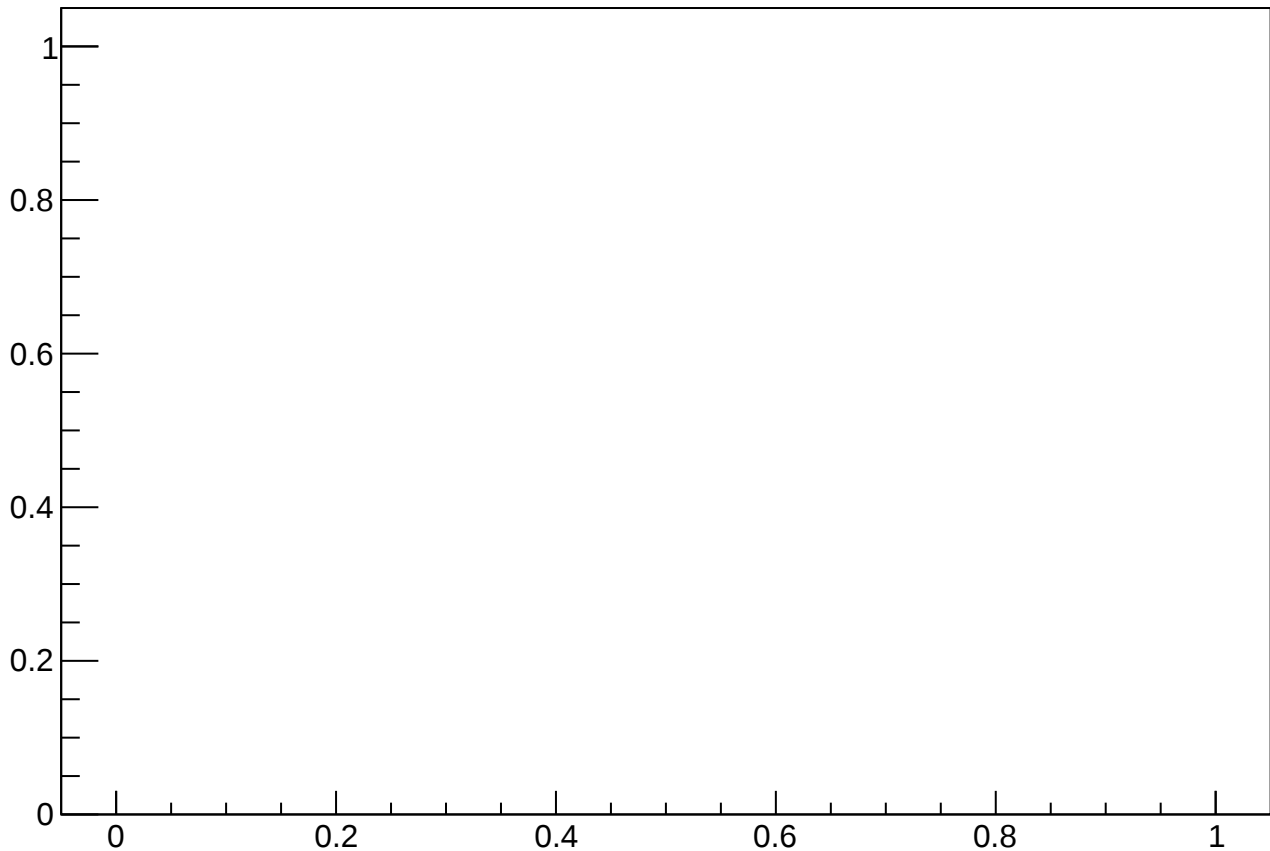
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

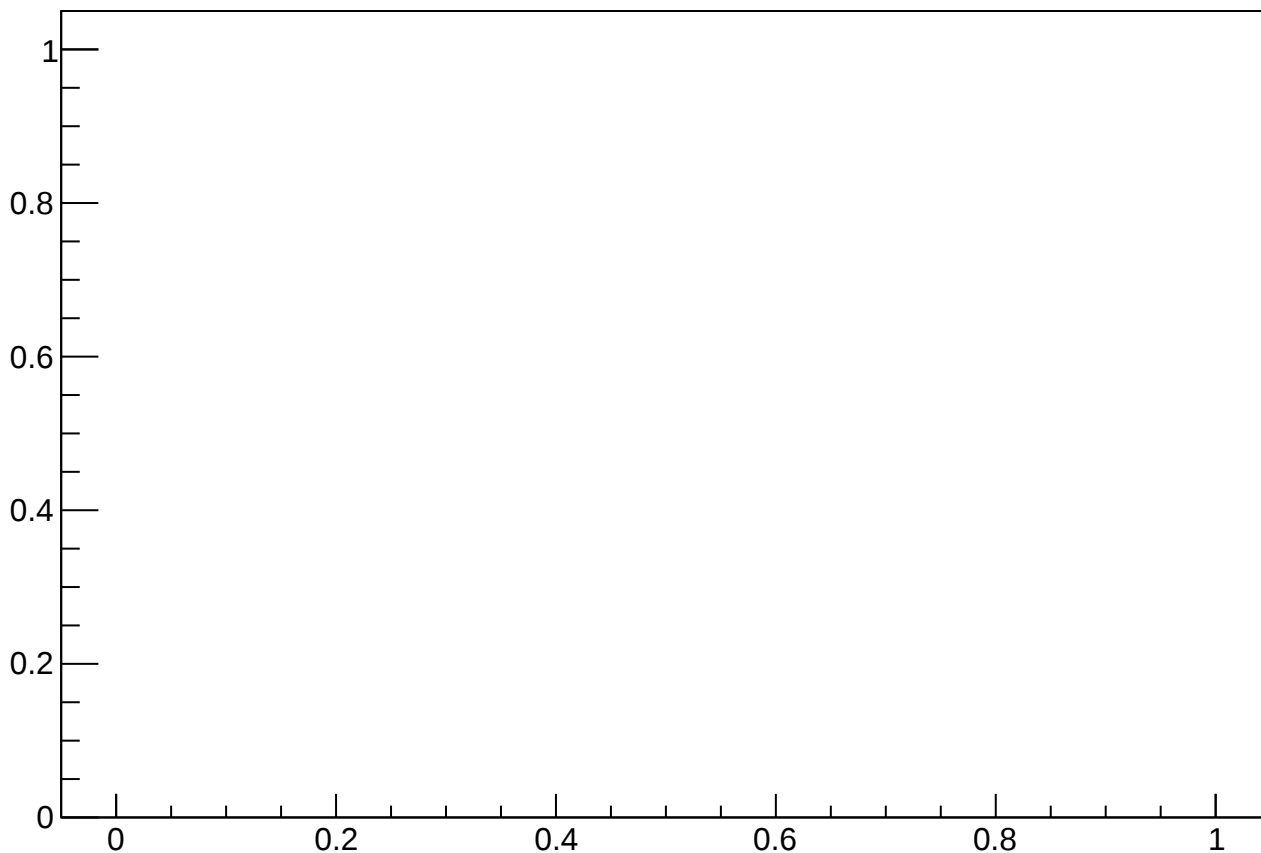
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

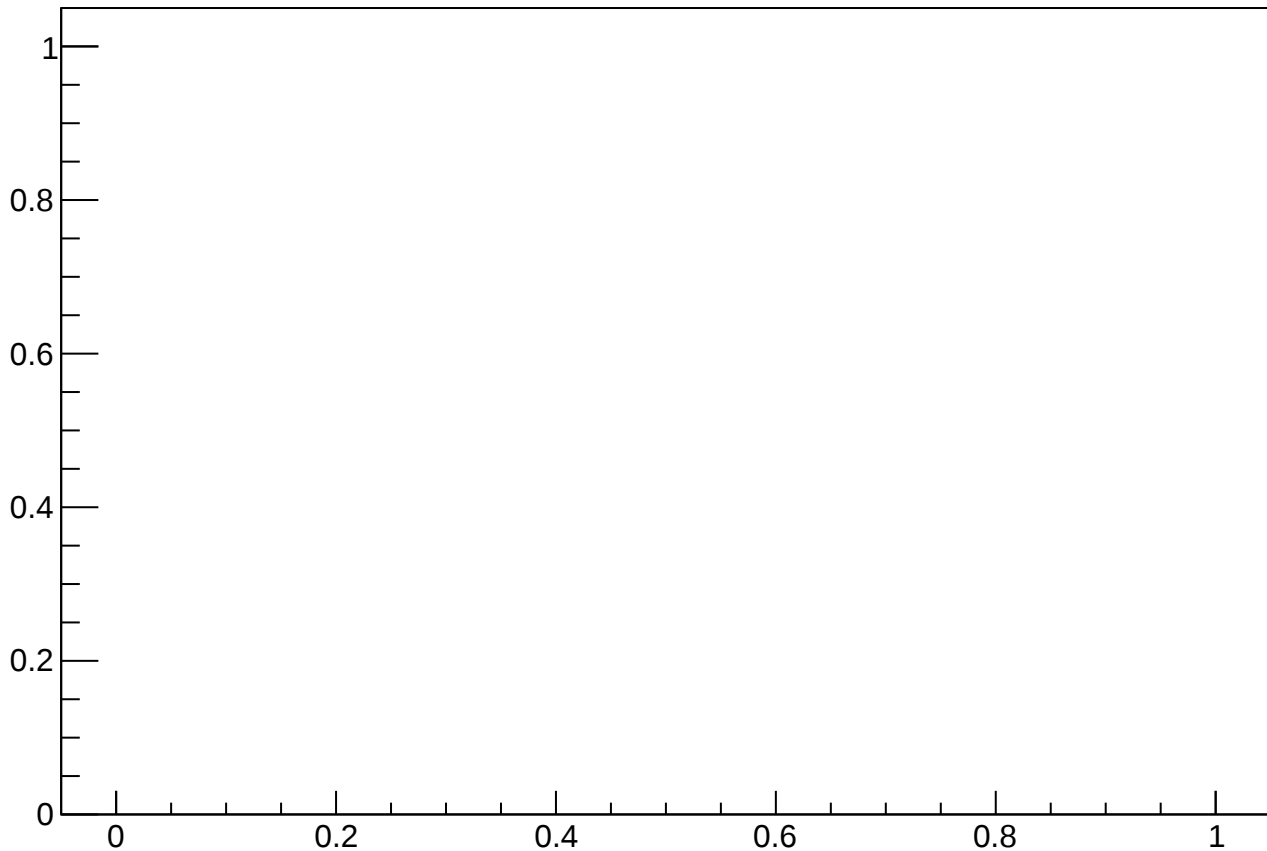
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

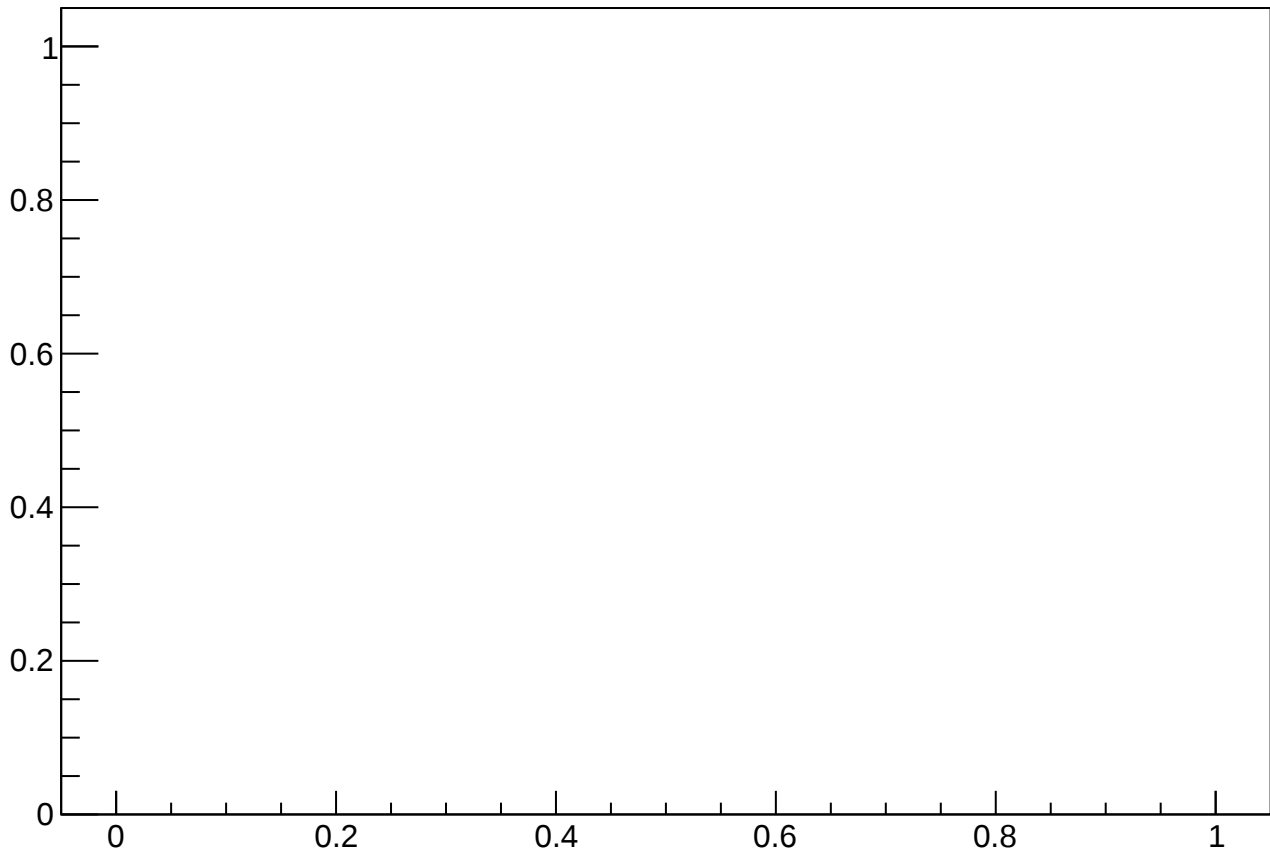
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

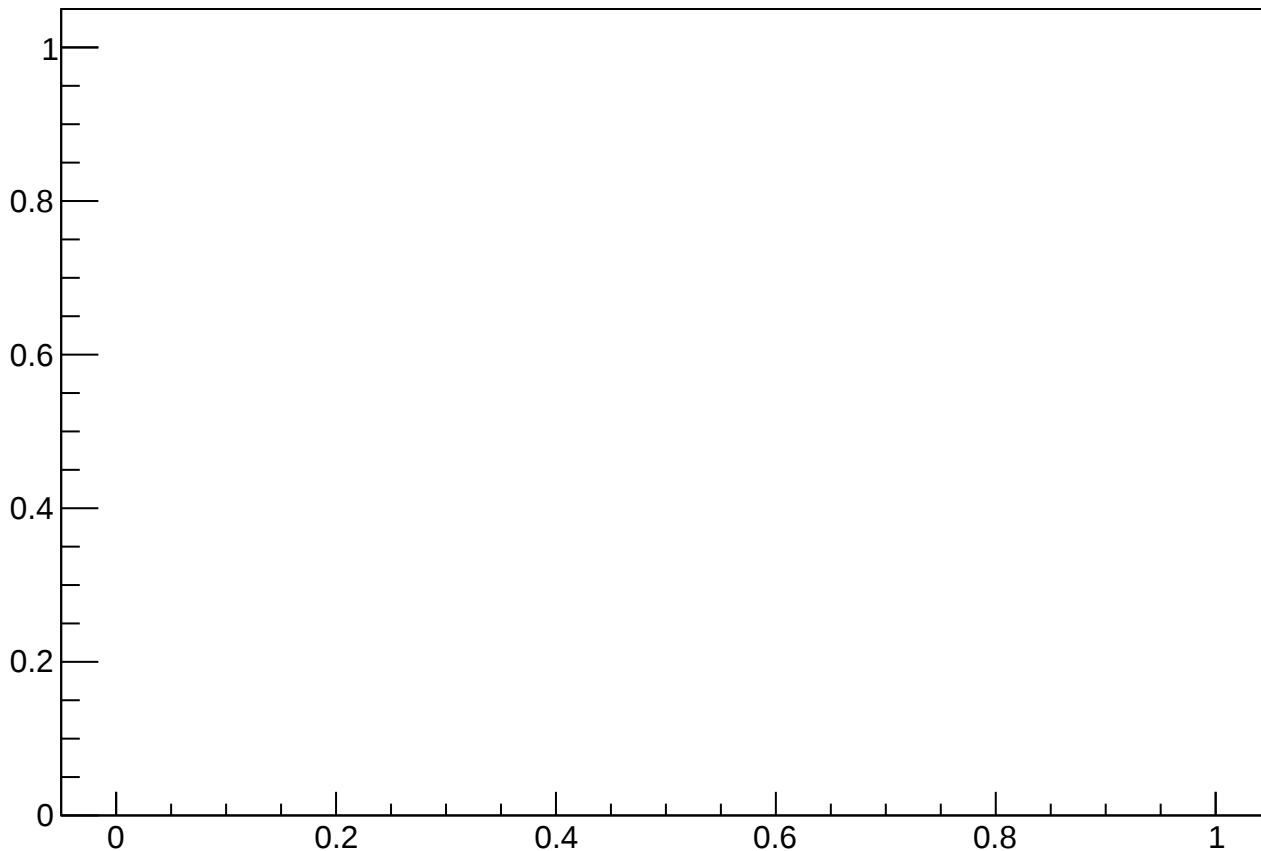
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

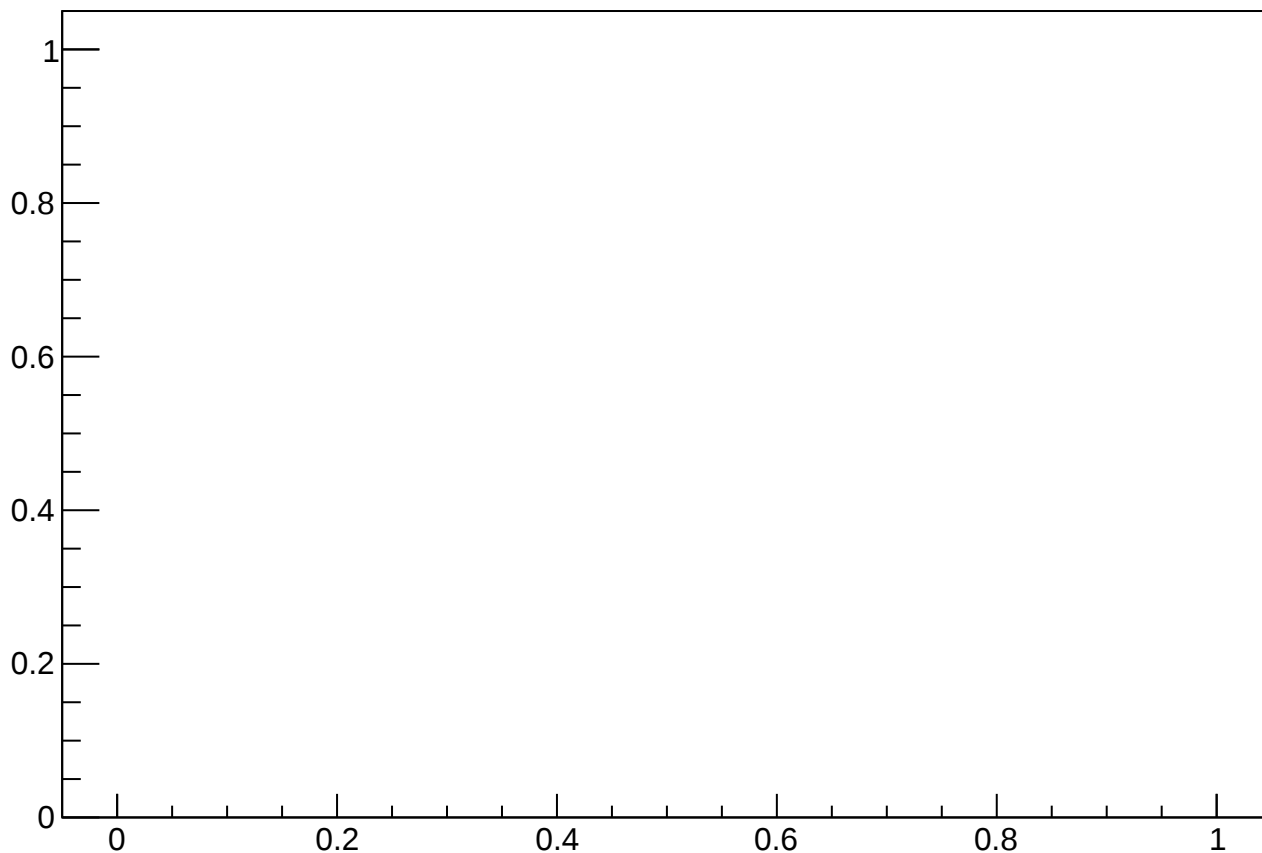
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

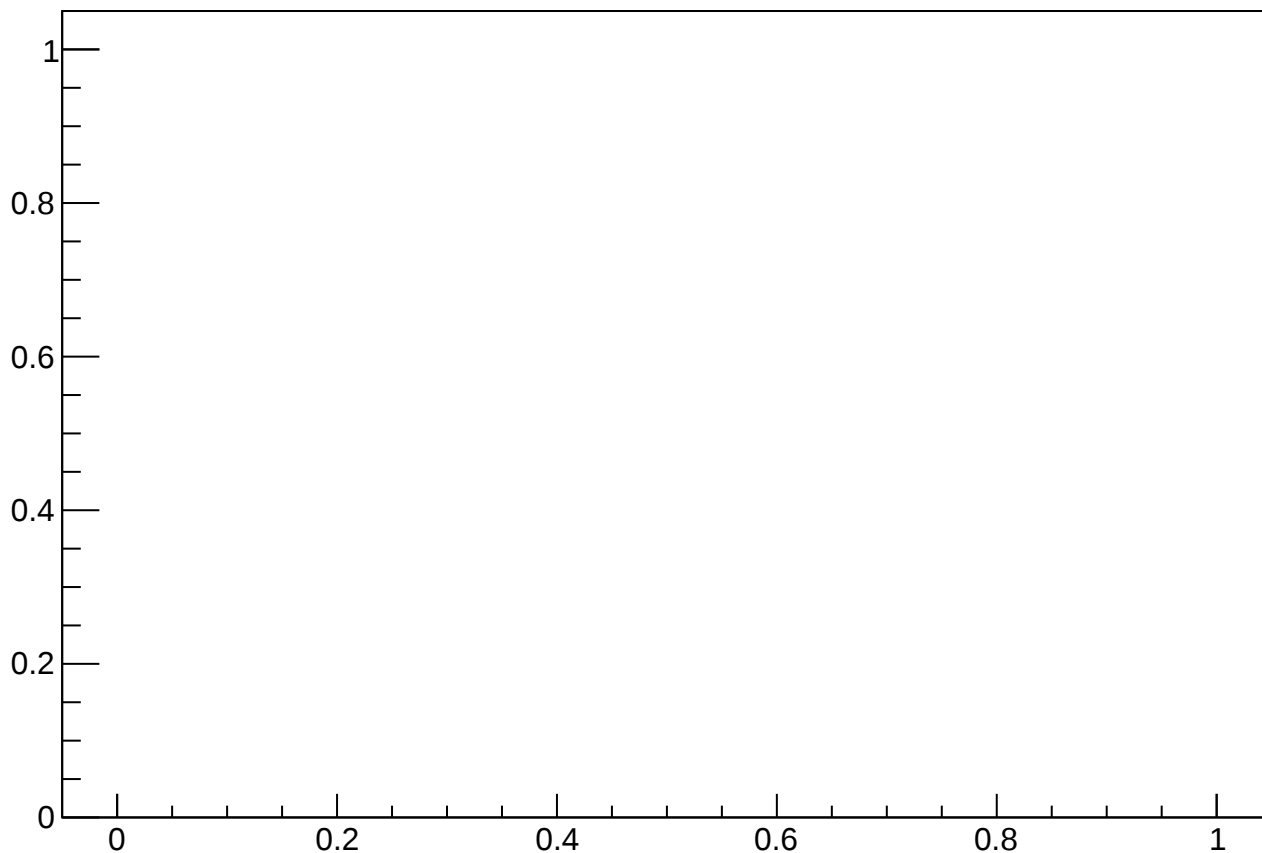
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

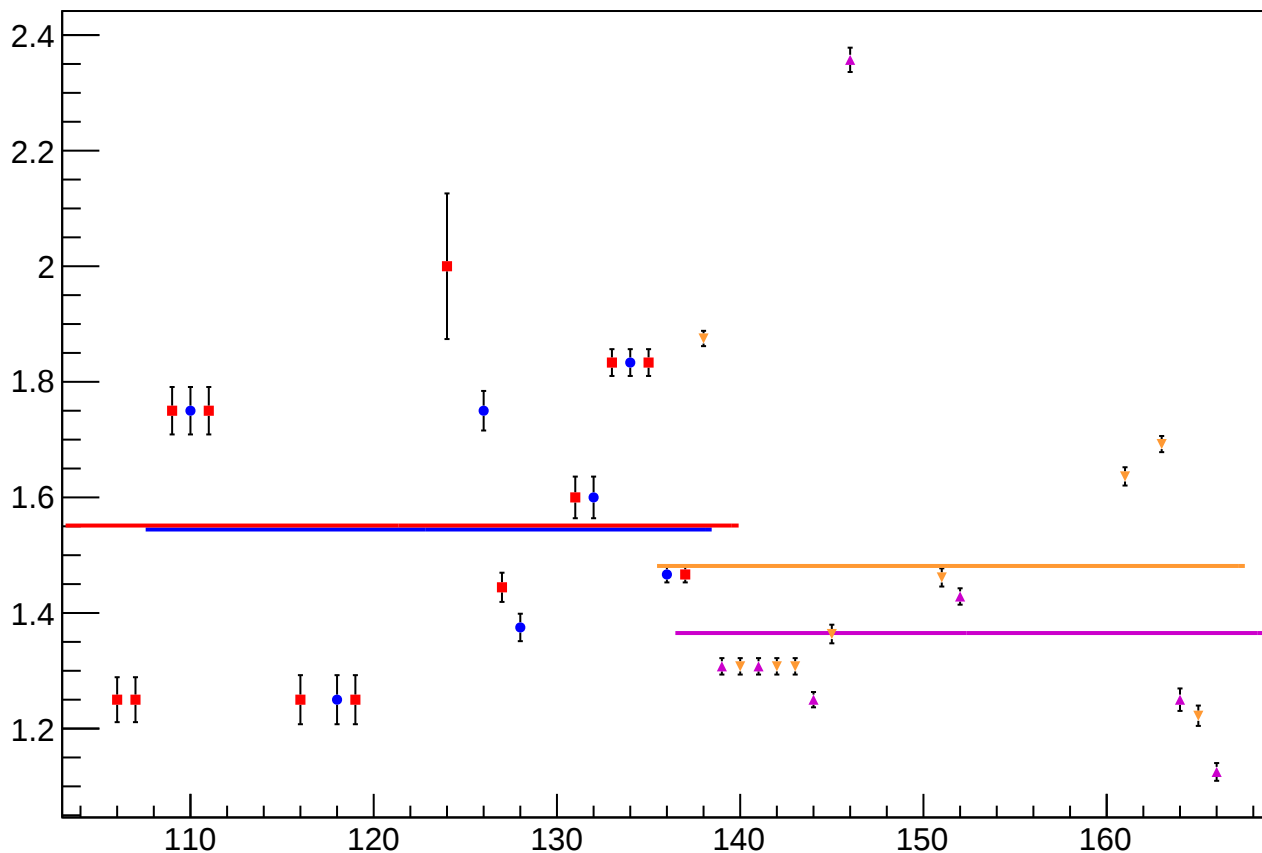
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2 /NDF:1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.365 $\pm$ 0.006 χ^2 /NDF:2626.9/6

Left: 1.432 $\pm$ 0.004 χ^2 /NDF: 4785.4/15

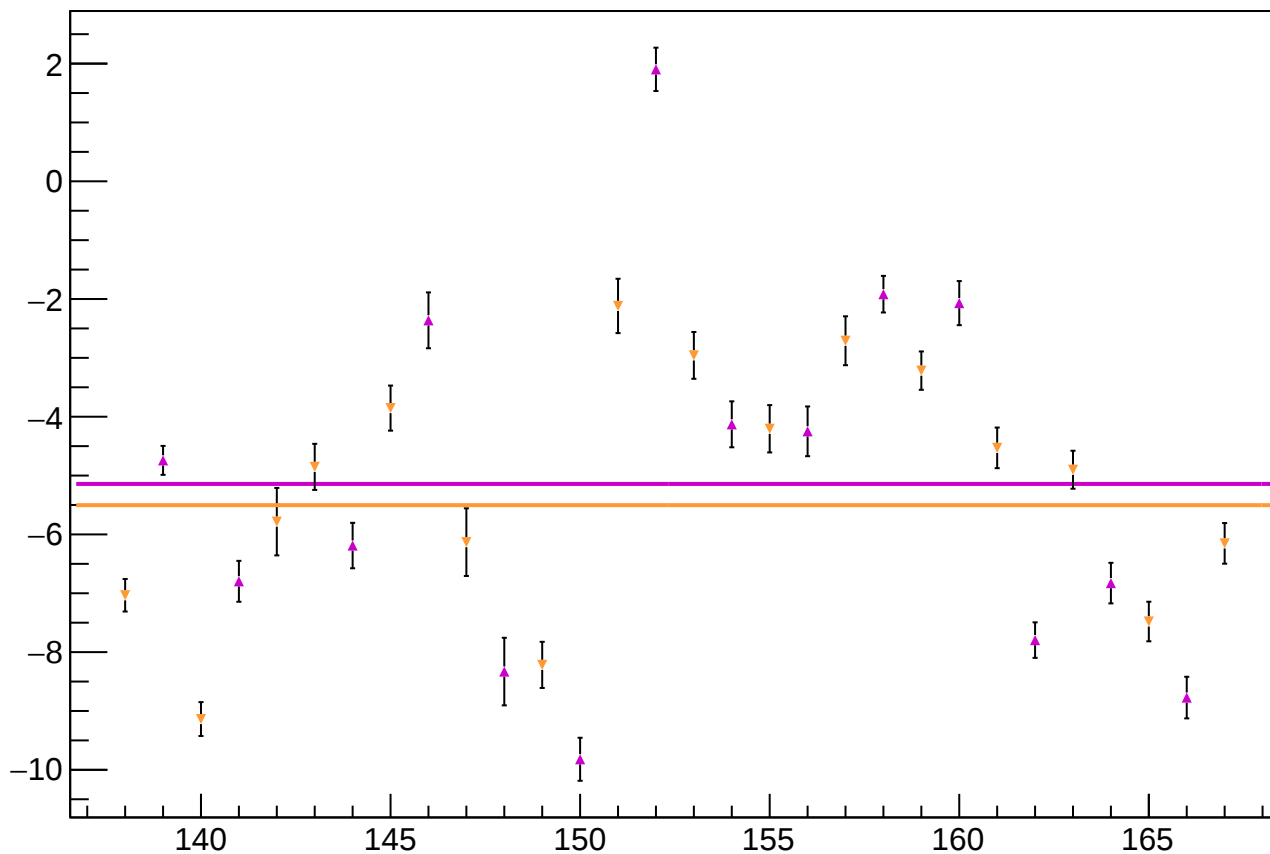
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.416 $\pm$ 0.005 χ^2 /NDF:3246.1/13

Out: 1.500 $\pm$ 0.004 χ^2 /NDF:2614.4/20

All: 1.464 $\pm$ 0.003 χ^2 /NDF: 6029.2/34

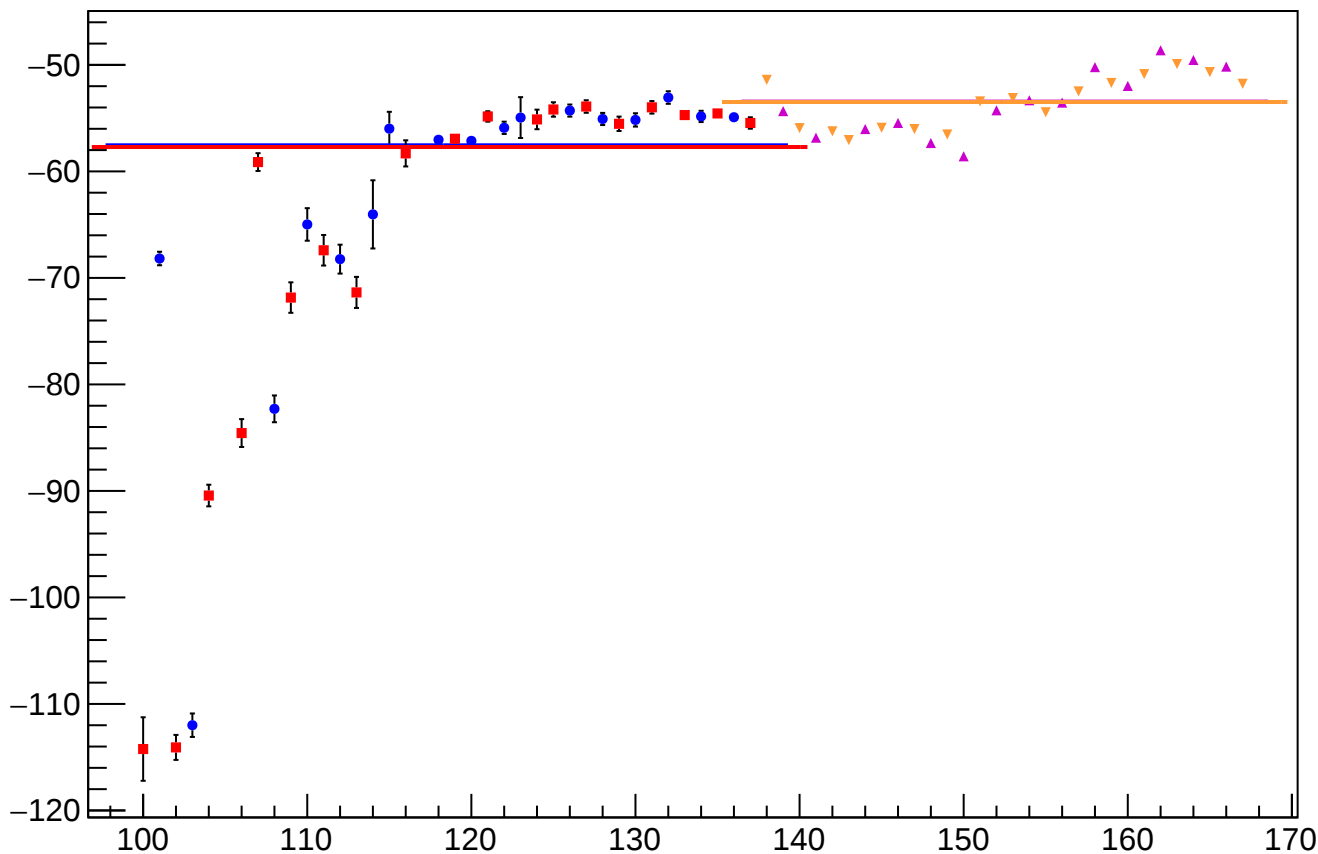
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.503 $\pm$ 0.092 χ^2/NDF :509.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -5.142 $\pm$ 0.095 χ^2/NDF :1019.9/13

Left: -5.329 $\pm$ 0.066 χ^2/NDF : 1536.8/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -5.142 $\pm$ 0.095 χ^2/NDF :1019.9/13
 Out: -5.503 $\pm$ 0.092 χ^2/NDF :509.4/15
 All: -5.329 $\pm$ 0.066 χ^2/NDF : 1536.8/29

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.484 ± 0.069 χ^2/NDF : 1194.4/15

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.447 ± 0.073 χ^2/NDF : 1872.2/13

Left: -53.467 ± 0.050 χ^2/NDF : 3066.7/29

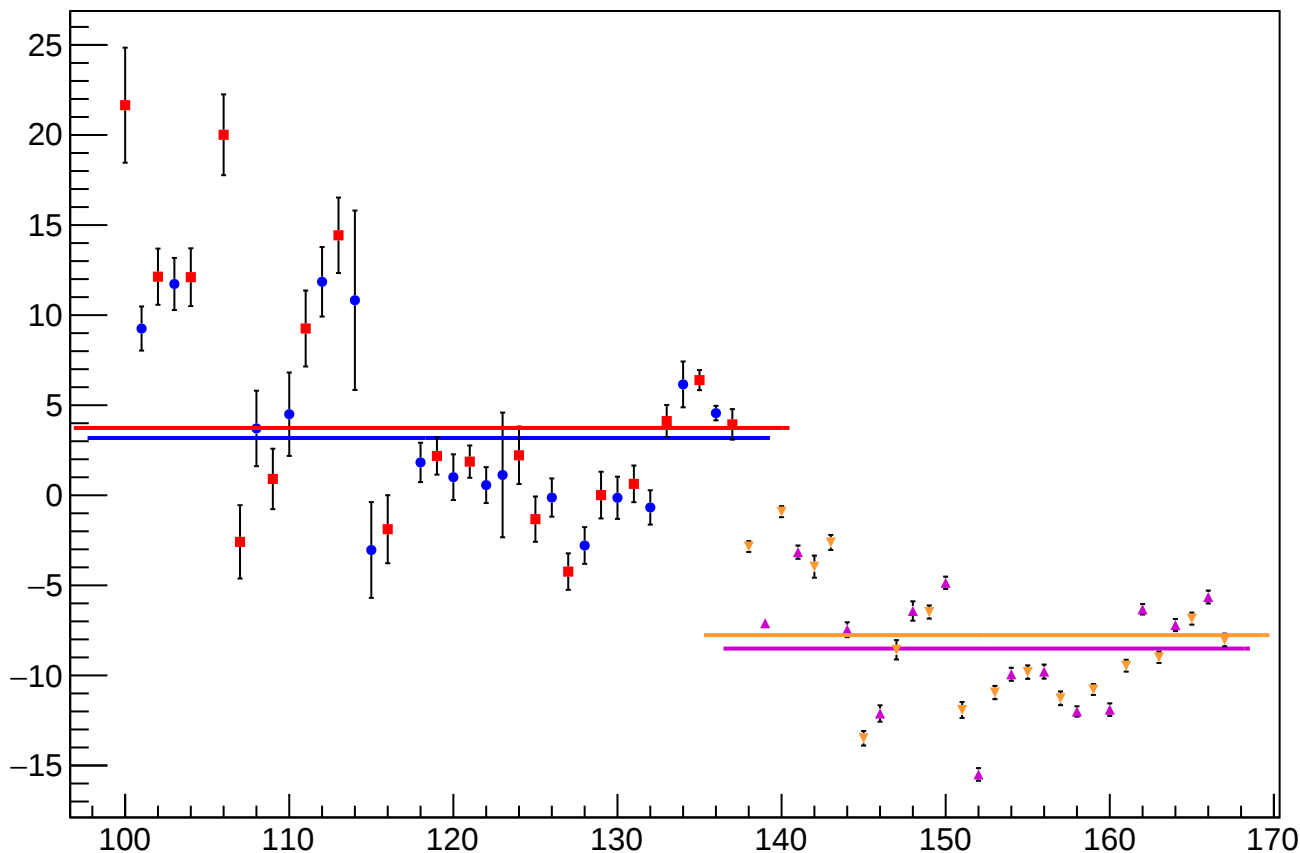
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -54.310 ± 0.065 χ^2/NDF : 5995.5/30

Out: -54.280 ± 0.062 χ^2/NDF : 6609.6/34

All: -54.294 ± 0.045 χ^2/NDF : 12605.3/65

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.764 ± 0.091 χ^2/NDF : 1599.1/15

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.509 ± 0.093 χ^2/NDF : 1232.1/13

Left: -8.127 ± 0.065 χ^2/NDF : 2864.0/29

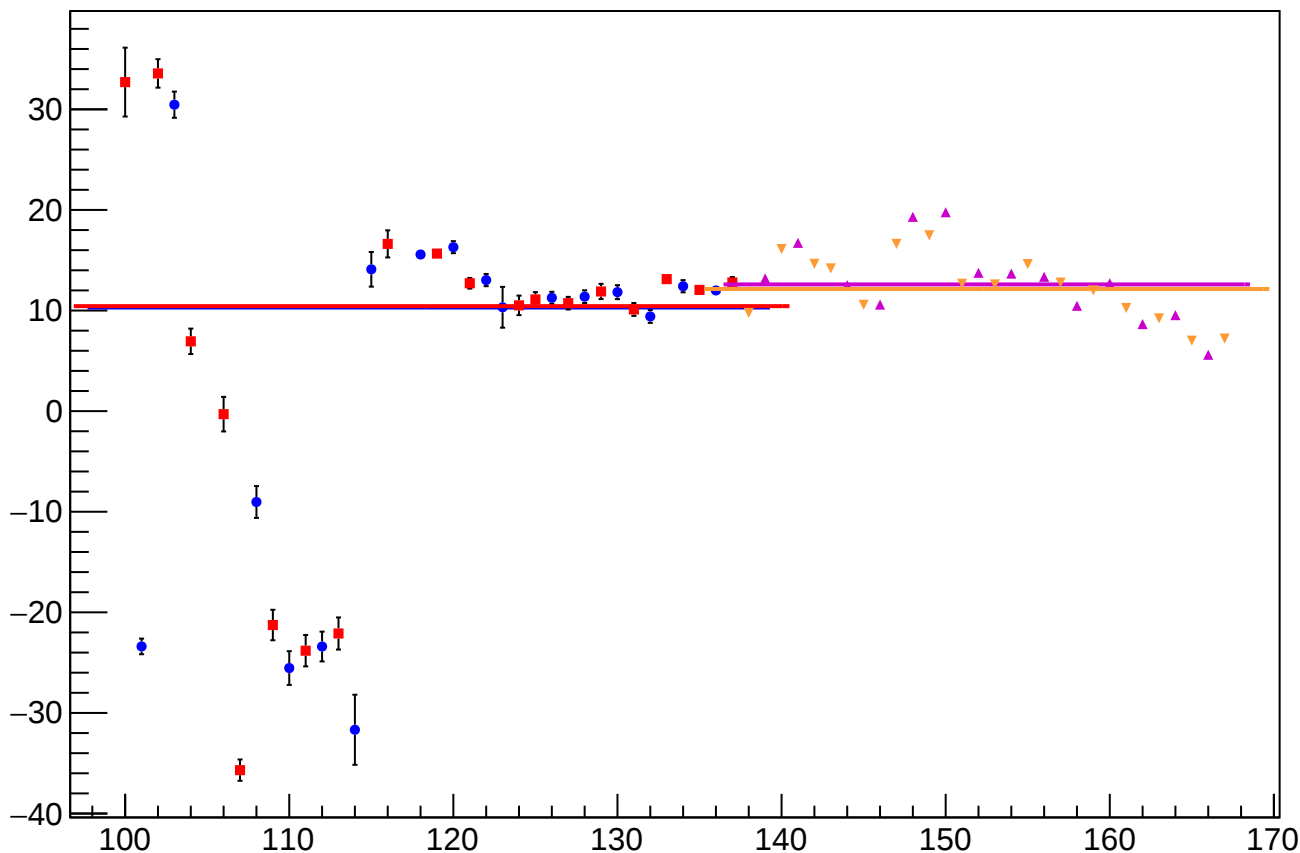
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.159 ± 0.088 χ^2/NDF : 3233.3/30

Out: -6.568 ± 0.086 χ^2/NDF : 3583.6/34

All: -6.858 ± 0.061 χ^2/NDF : 6840.1/65

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 $\chi^2/\text{NDF}: 3699.4/16$

Left Out: 12.144 ± 0.078 $\chi^2/\text{NDF}: 1519.2/15$

Right Out: 10.437 ± 0.160 $\chi^2/\text{NDF}: 3828.8/18$

Left In: 12.596 ± 0.082 $\chi^2/\text{NDF}: 2007.0/13$

Left: 12.359 ± 0.057 $\chi^2/\text{NDF}: 3542.2/29$

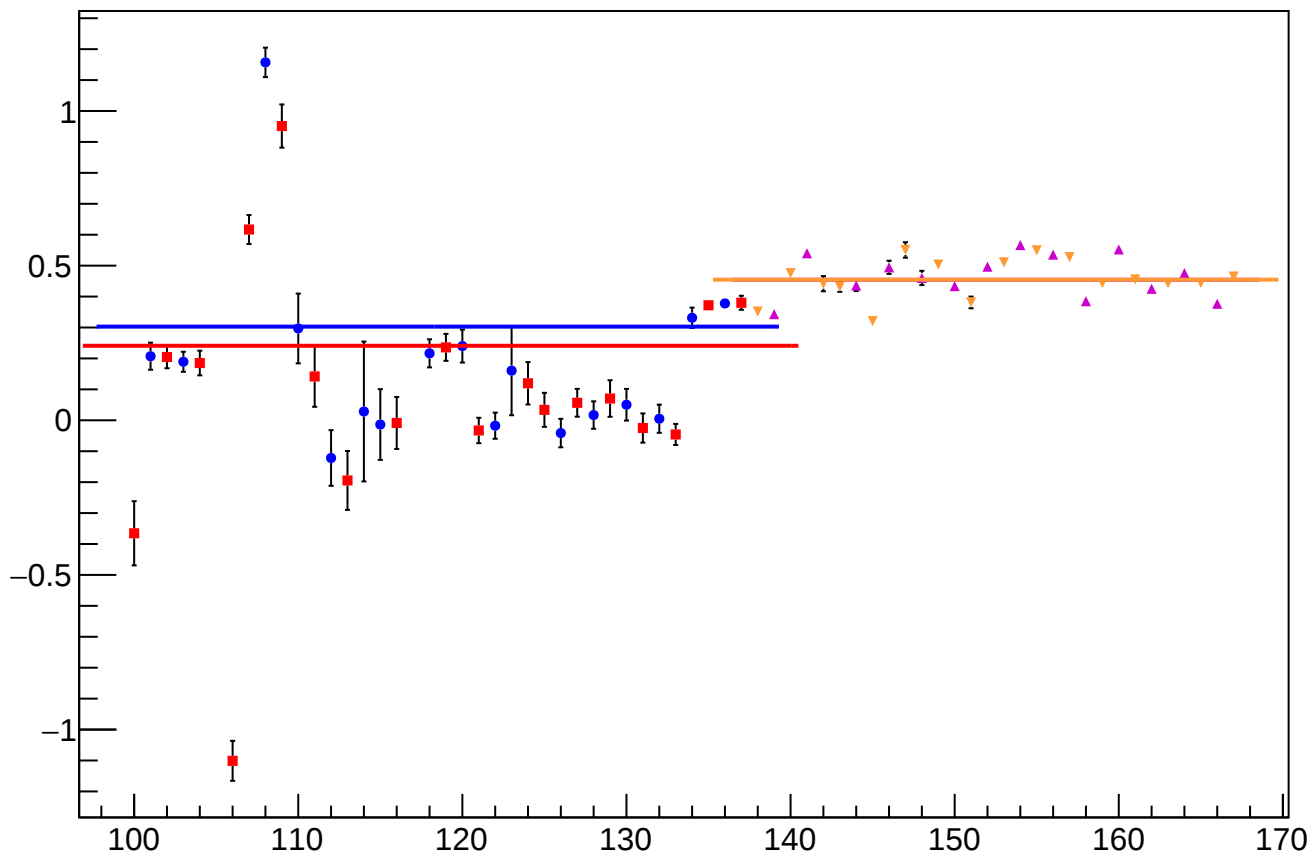
Right: 10.368 ± 0.112 $\chi^2/\text{NDF}: 7528.5/35$

In: 12.102 ± 0.073 $\chi^2/\text{NDF}: 5874.2/30$

Out: 11.814 ± 0.070 $\chi^2/\text{NDF}: 5440.3/34$

All: 11.953 ± 0.051 $\chi^2/\text{NDF}: 11322.6/65$

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: 0.455 $\pm$ 0.004 χ^2 /NDF:301.9/15

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.454 $\pm$ 0.004 χ^2 /NDF:444.2/13

Left: 0.454 $\pm$ 0.003 χ^2 /NDF: 746.2/29

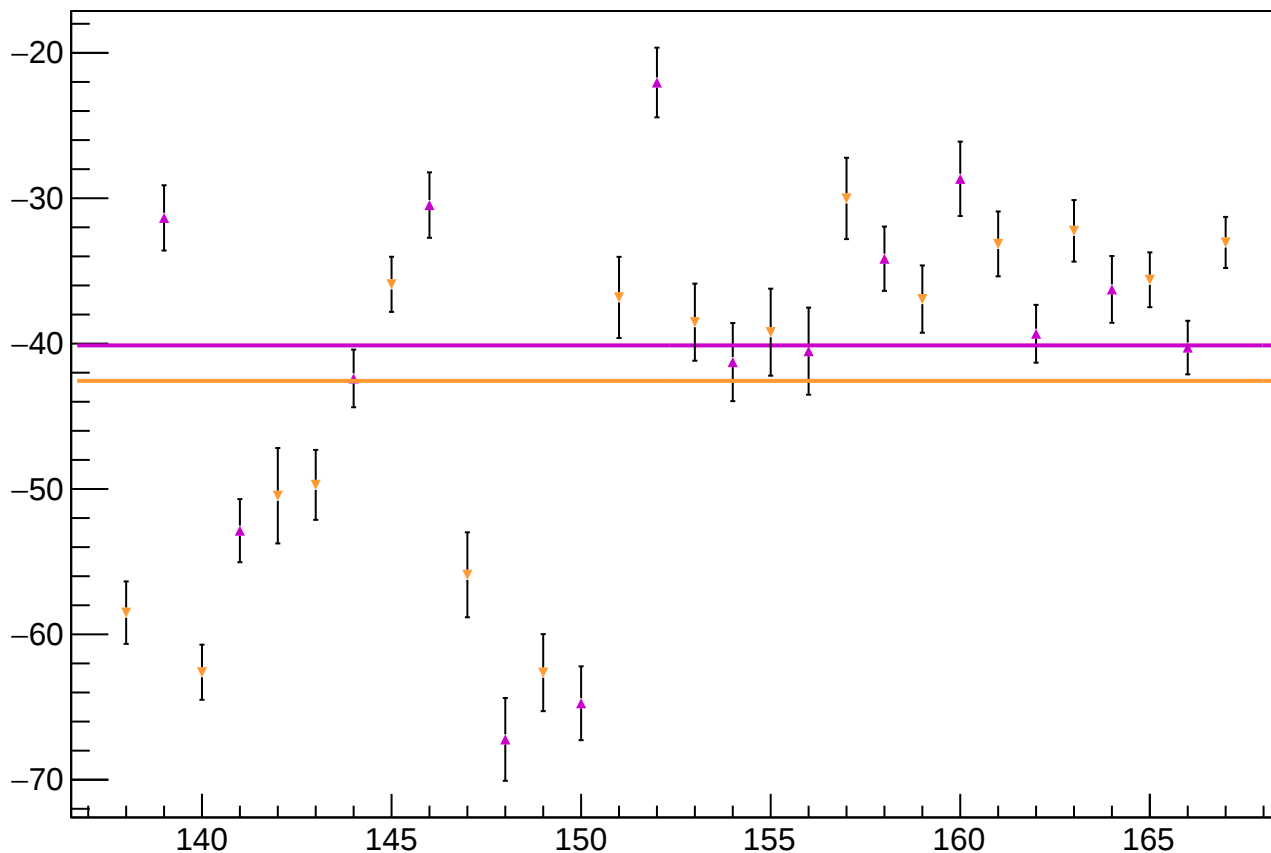
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.430 $\pm$ 0.003 χ^2 /NDF:1377.7/30

Out: 0.423 $\pm$ 0.003 χ^2 /NDF:1831.0/34

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3210.8/65

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.563+/-0.575 χ^2/NDF :390.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.122+/-0.613 χ^2/NDF :341.6/13

Left: -41.421+/-0.419 χ^2/NDF : 740.4/29

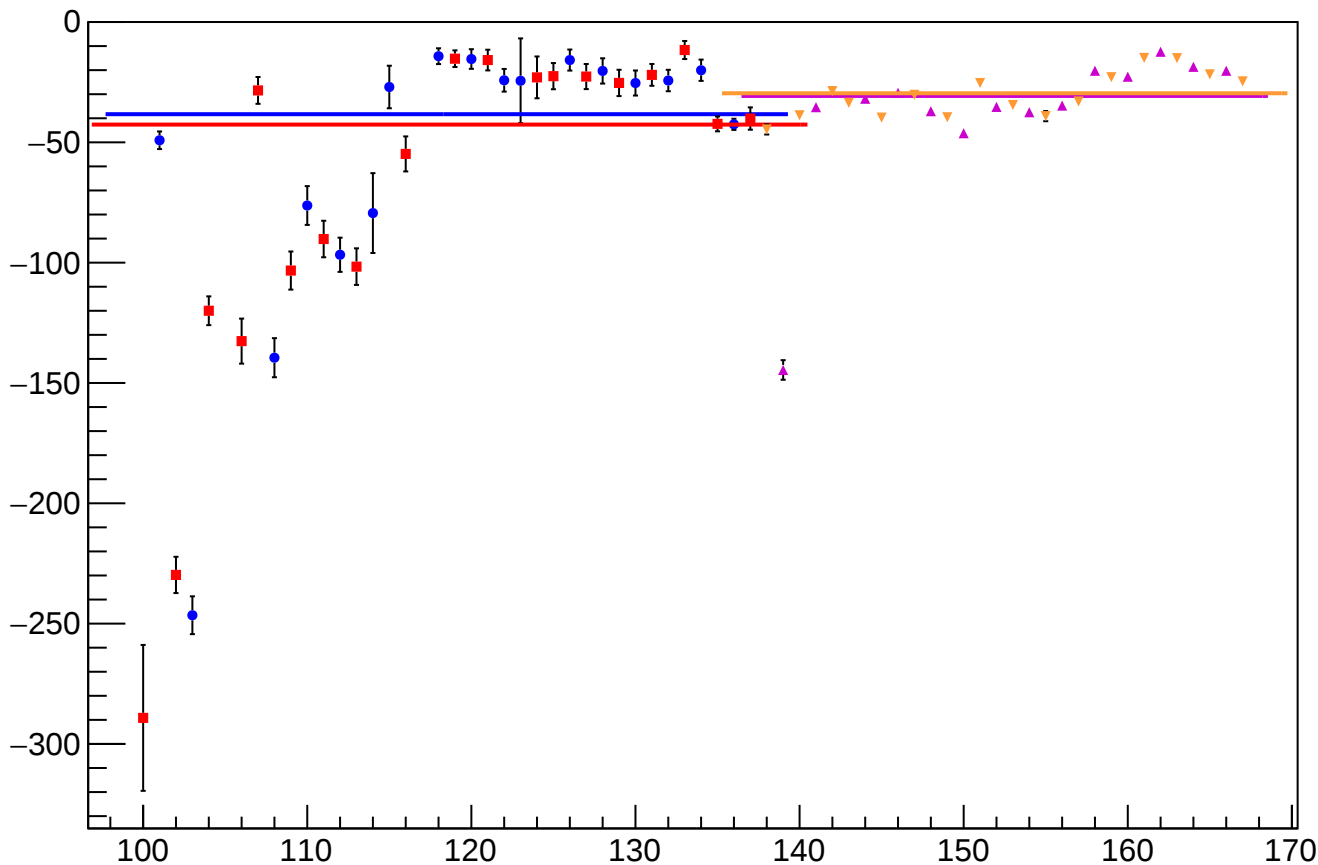
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.122+/-0.613 χ^2/NDF :341.6/13

Out: -42.563+/-0.575 χ^2/NDF :390.4/15

All: -41.421+/-0.419 χ^2/NDF : 740.4/29

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 $\pm$ 1.138 χ^2/NDF : 1132.8/16

Left Out: -29.602 $\pm$ 0.419 χ^2/NDF : 430.7/15

Right Out: -42.624 $\pm$ 1.209 χ^2/NDF : 1344.4/18

Left In: -30.717 $\pm$ 0.446 χ^2/NDF : 1202.9/13

Left: -30.123 $\pm$ 0.305 χ^2/NDF : 1636.9/29

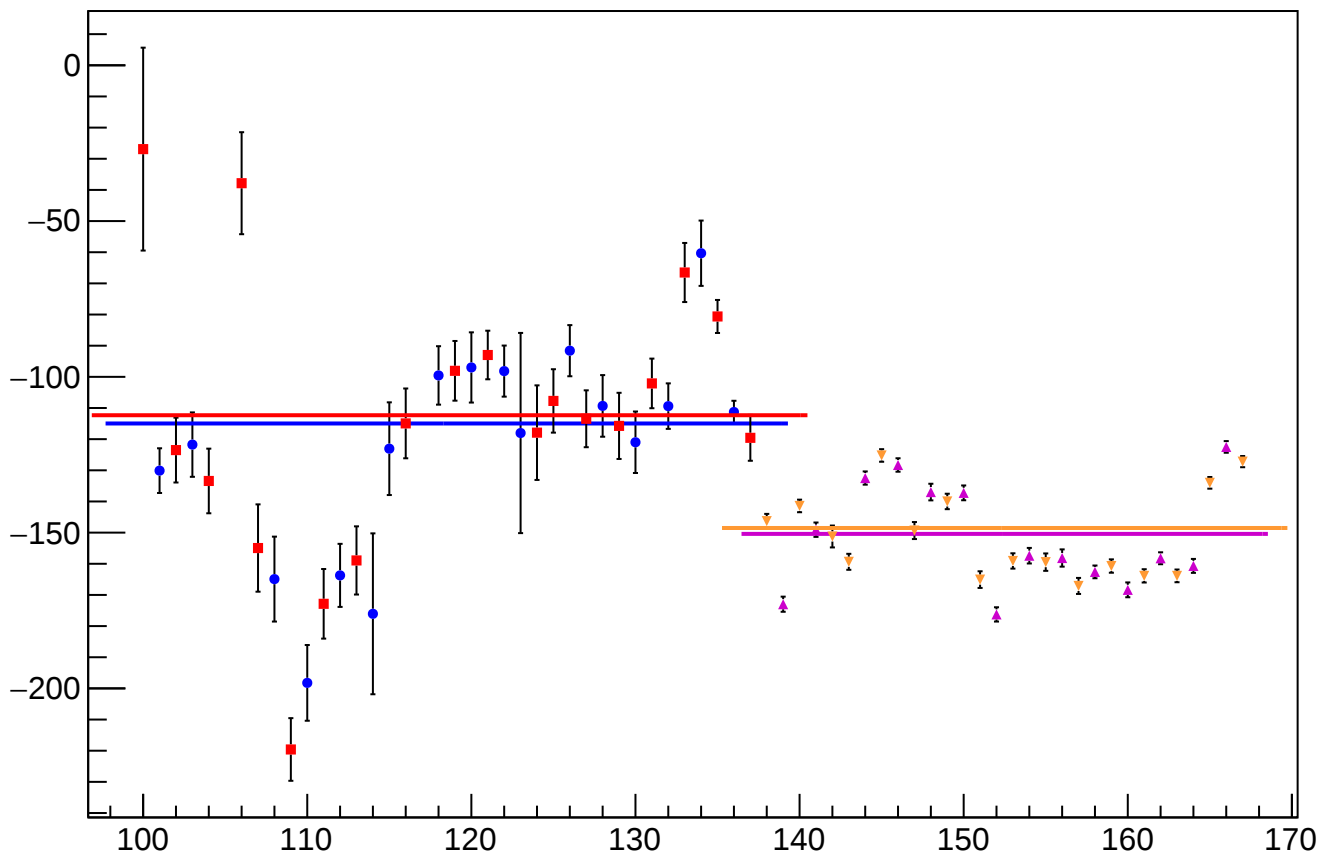
Right: -40.334 $\pm$ 0.829 χ^2/NDF : 2483.9/35

In: -31.729 $\pm$ 0.416 χ^2/NDF : 2374.2/30

Out: -30.996 $\pm$ 0.395 χ^2/NDF : 1878.8/34

All: -31.344 $\pm$ 0.287 χ^2/NDF : 4254.6/65

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969+/-2.075 χ^2/NDF : 141.4/16

Left Out: -148.513+/-0.572 χ^2/NDF : 642.5/15

Right Out: -112.320+/-2.205 χ^2/NDF : 274.0/18

Left In: -150.406+/-0.601 χ^2/NDF : 814.3/13

Left: -149.412+/-0.414 χ^2/NDF : 1462.0/29

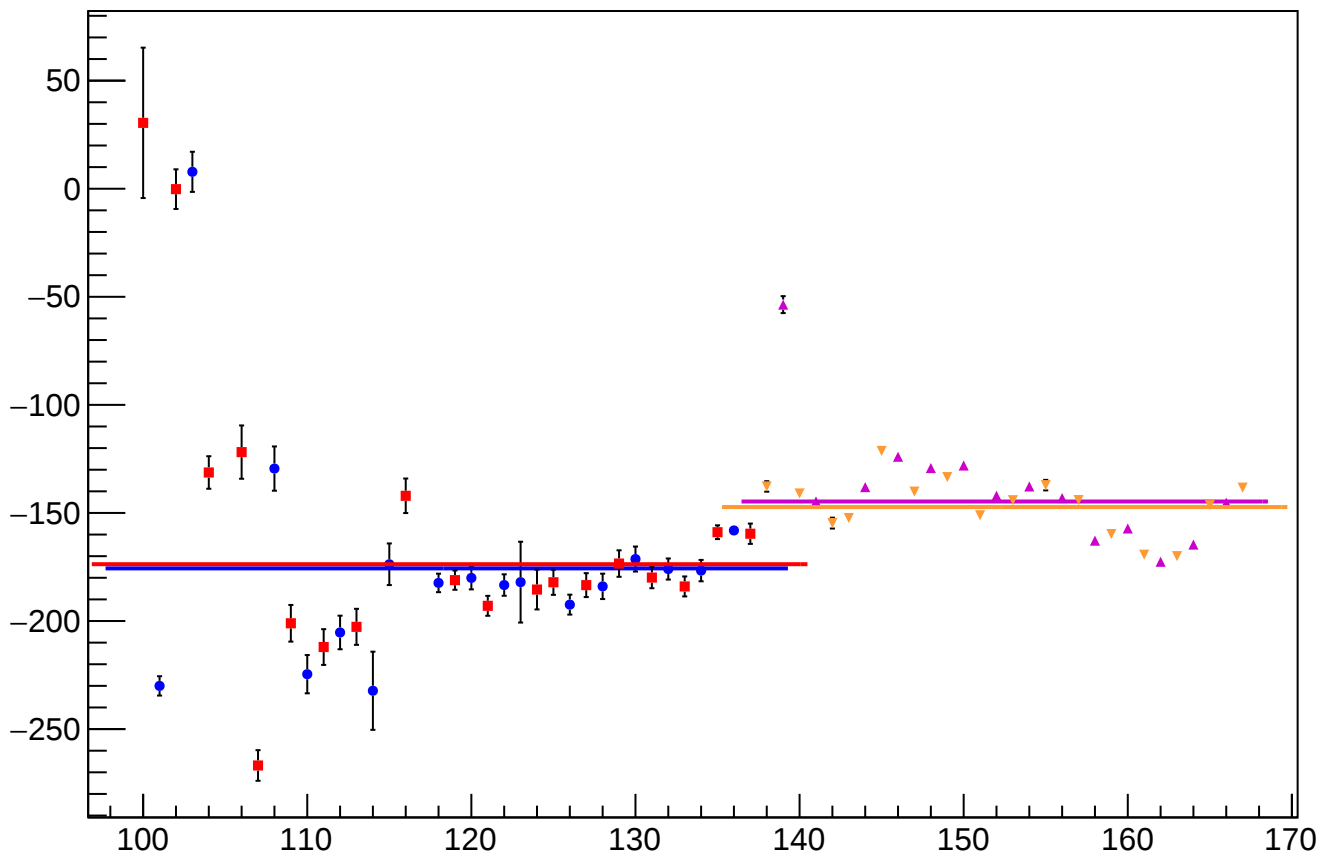
Right: -113.725+/-1.511 χ^2/NDF : 416.2/35

In: -147.659+/-0.578 χ^2/NDF : 1224.9/30

Out: -146.235+/-0.553 χ^2/NDF : 1169.0/34

All: -146.917+/-0.400 χ^2/NDF : 2397.0/65

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -147.273 ± 0.482 χ^2/NDF : 784.1/15

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -144.710 ± 0.513 χ^2/NDF : 1396.5/13

Left: -146.072 ± 0.351 χ^2/NDF : 2193.8/29

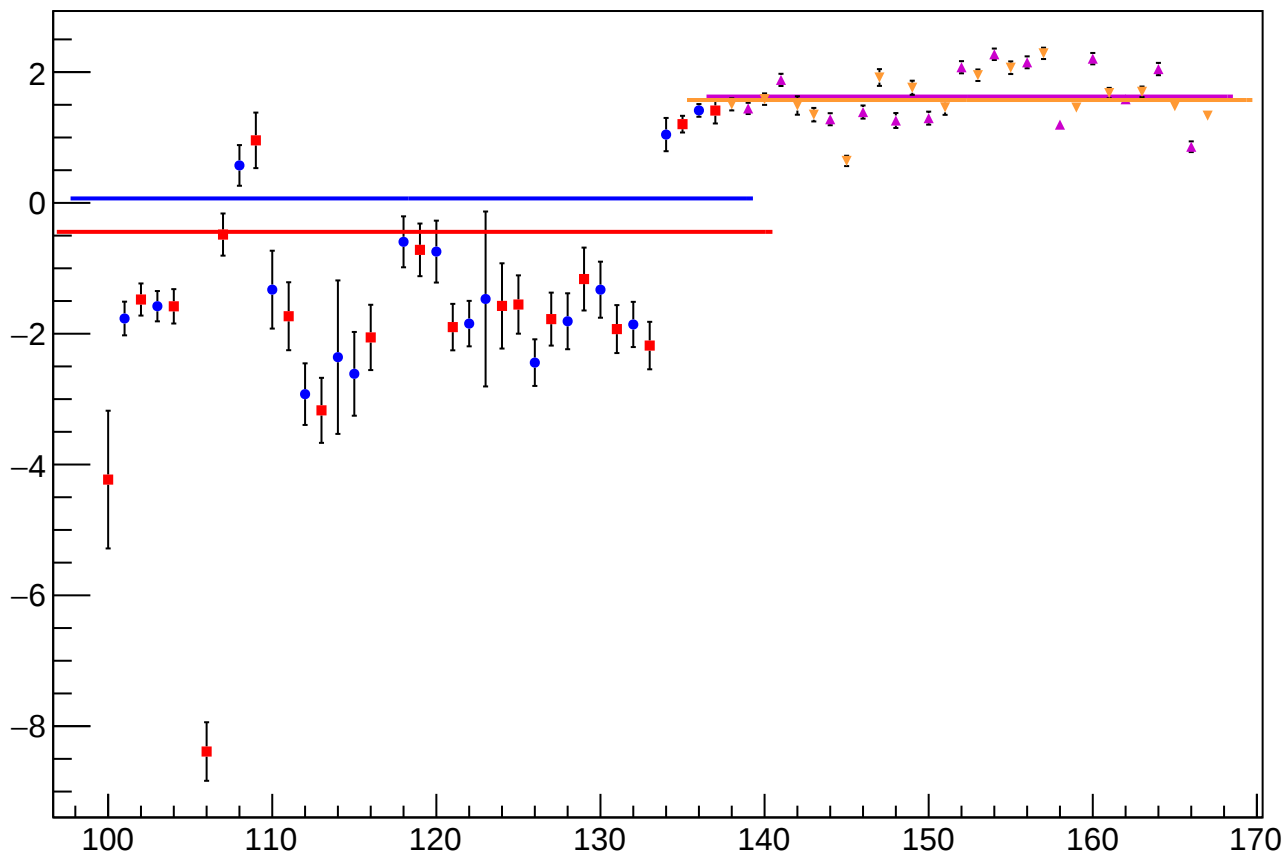
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -149.062 ± 0.476 χ^2/NDF : 2599.4/30

Out: -150.247 ± 0.454 χ^2/NDF : 1860.5/34

All: -149.682 ± 0.329 χ^2/NDF : 4463.1/65

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.573 $\pm$ 0.022 χ^2 /NDF:286.3/15

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.626 $\pm$ 0.024 χ^2 /NDF:349.9/13

Left: 1.598 $\pm$ 0.016 χ^2 /NDF: 638.8/29

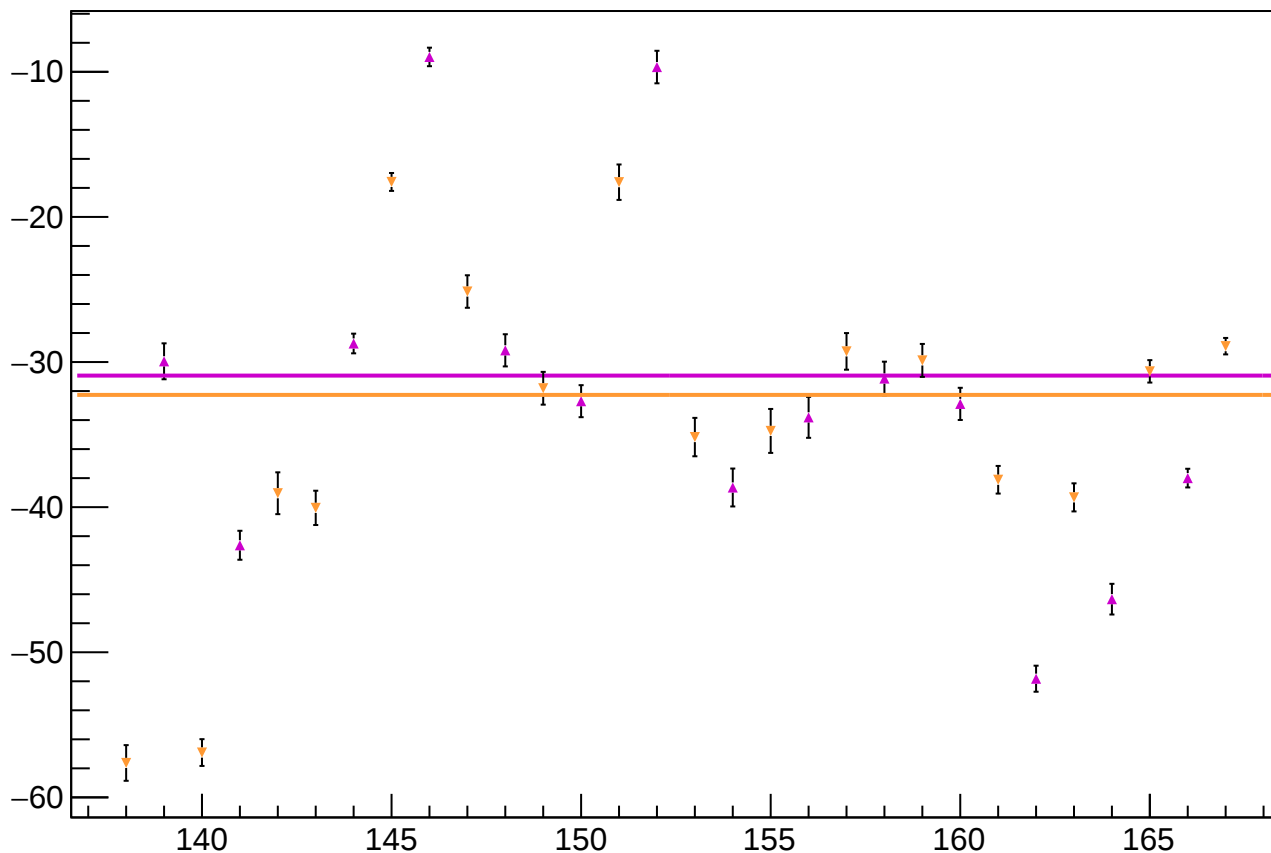
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.452 $\pm$ 0.022 χ^2 /NDF:1355.7/30

Out: 1.390 $\pm$ 0.021 χ^2 /NDF:1773.2/34

All: 1.419 $\pm$ 0.015 χ^2 /NDF: 3132.8/65

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.264+/-0.241 χ^2/NDF :2103.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.934+/-0.251 χ^2/NDF :2612.3/13

Left: -31.627+/-0.174 χ^2/NDF : 4730.0/29

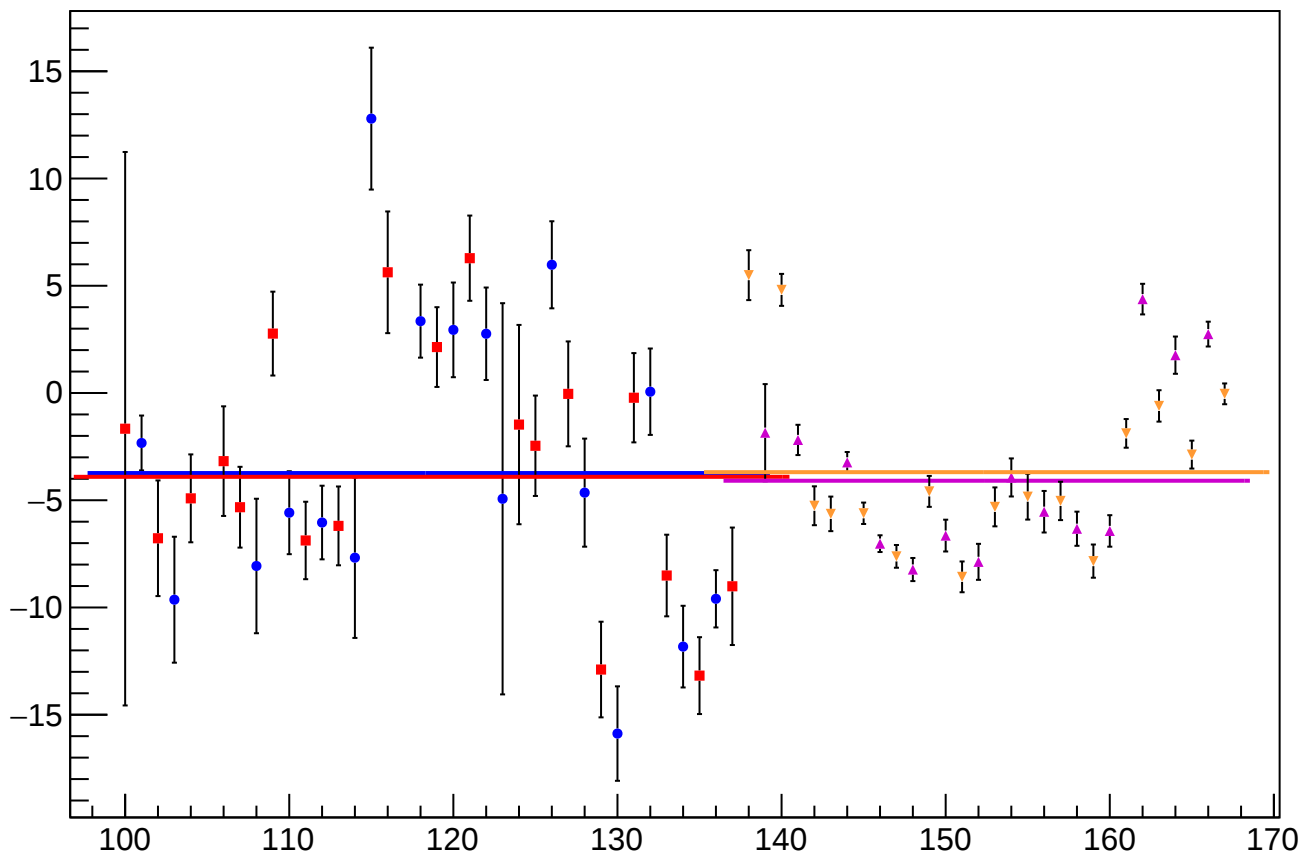
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.934+/-0.251 χ^2/NDF :2612.3/13

Out: -32.264+/-0.241 χ^2/NDF :2103.0/15

All: -31.627+/-0.174 χ^2/NDF : 4730.0/29

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.690 ± 0.176 $\chi^2/\text{NDF}: 437.1/15$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -4.091 ± 0.177 $\chi^2/\text{NDF}: 505.0/13$

Left: -3.888 ± 0.125 $\chi^2/\text{NDF}: 944.7/29$

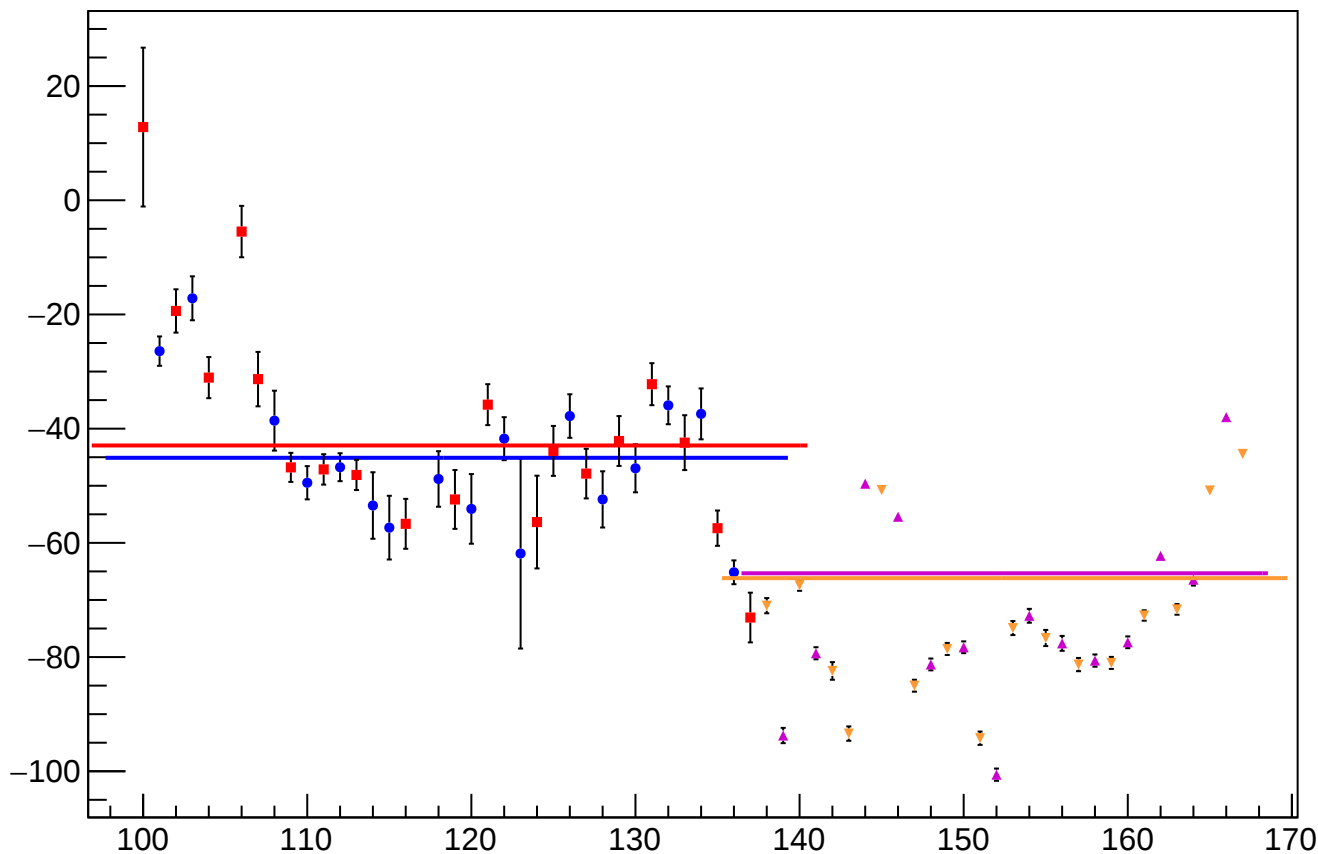
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -4.050 ± 0.167 $\chi^2/\text{NDF}: 671.3/30$

Out: -3.714 ± 0.166 $\chi^2/\text{NDF}: 562.1/34$

All: -3.881 ± 0.118 $\chi^2/\text{NDF}: 1235.4/65$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -66.177 ± 0.240 χ^2/NDF : 4550.8/15

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -65.329 ± 0.247 χ^2/NDF : 5049.2/13

Left: -65.765 ± 0.172 χ^2/NDF : 9606.1/29

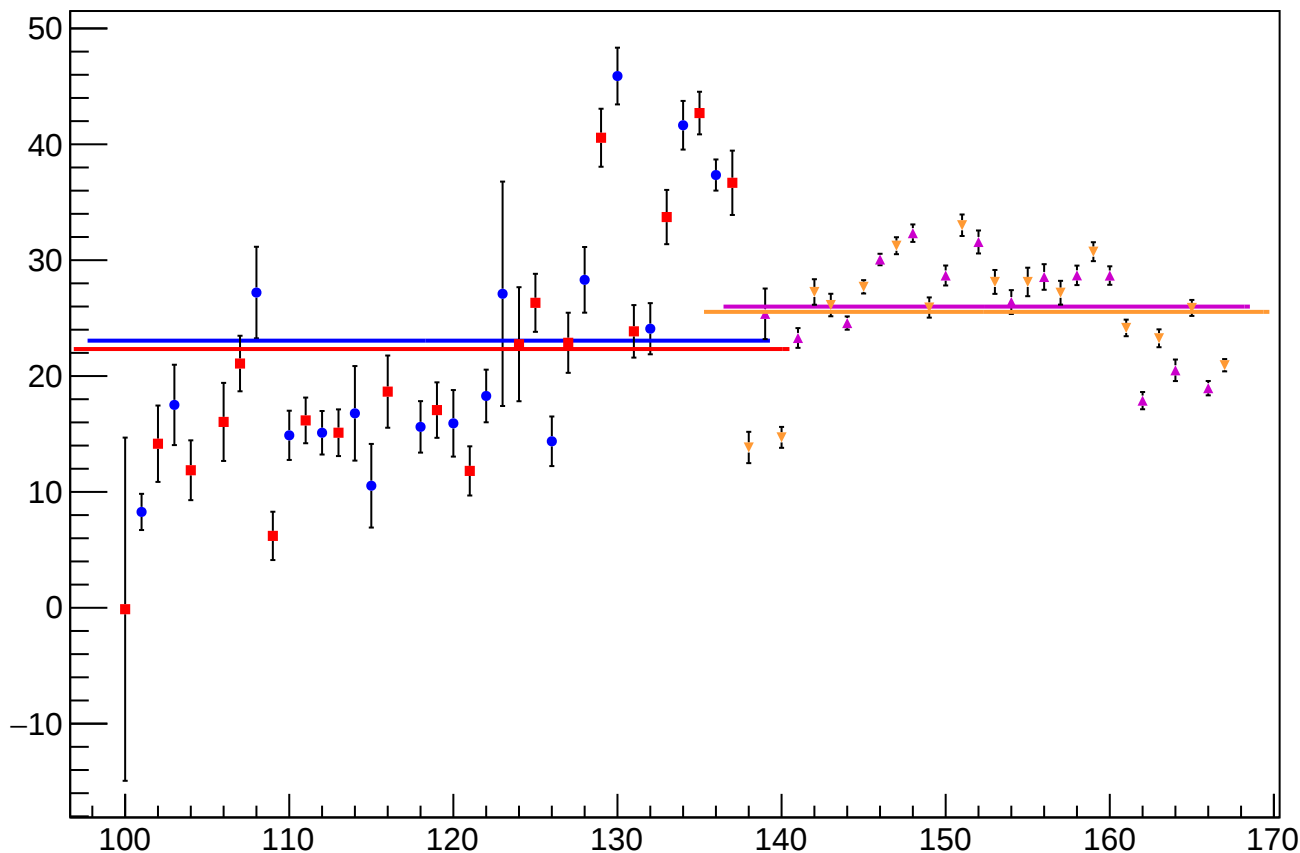
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -63.861 ± 0.238 χ^2/NDF : 5766.9/30

Out: -64.559 ± 0.232 χ^2/NDF : 5452.1/34

All: -64.219 ± 0.166 χ^2/NDF : 11223.4/65

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 25.539+/-0.203 χ^2/NDF : 503.4/15

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 25.994+/-0.208 χ^2/NDF : 505.5/13

Left: 25.761+/-0.145 χ^2/NDF : 1011.4/29

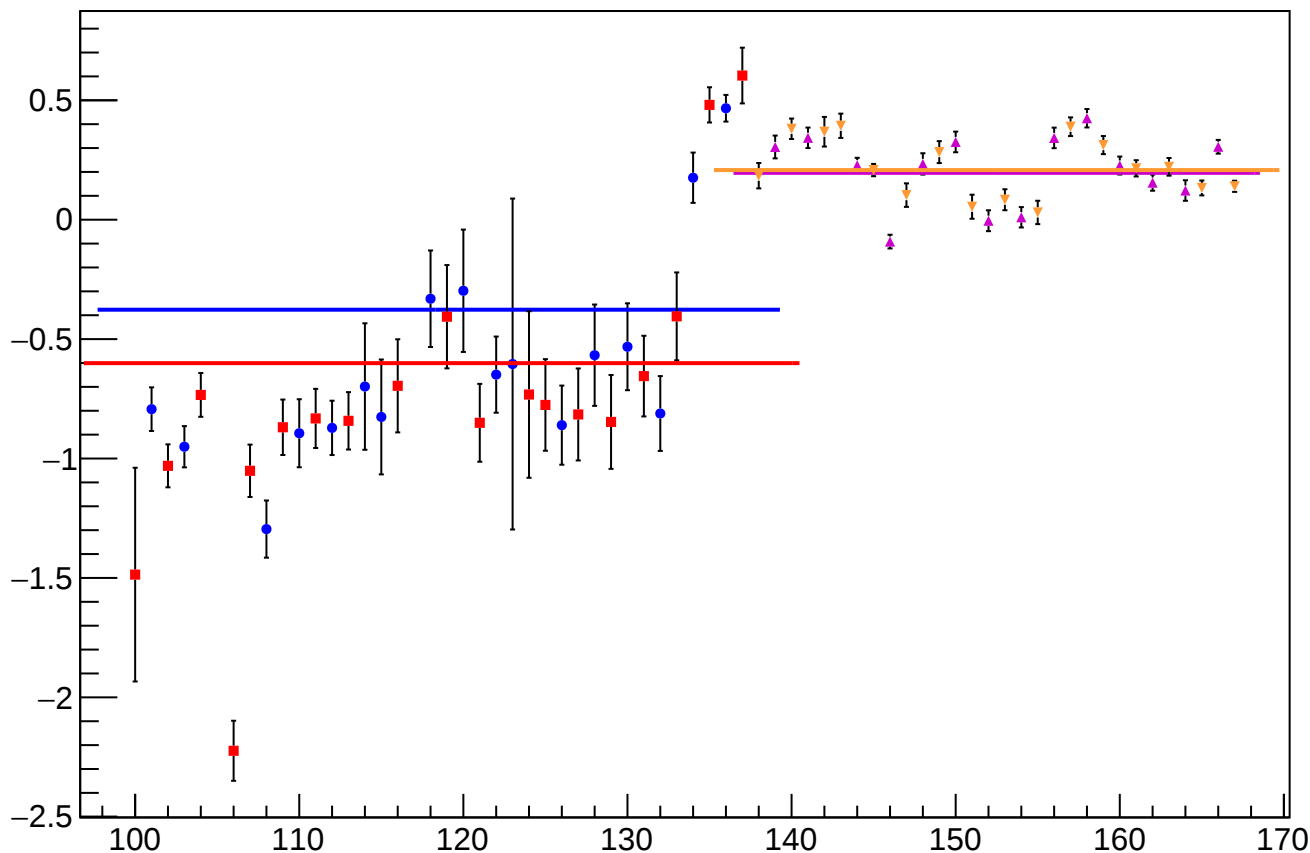
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 25.635+/-0.195 χ^2/NDF : 991.1/30

Out: 25.182+/-0.191 χ^2/NDF : 902.4/34

All: 25.404+/-0.136 χ^2/NDF : 1896.2/65

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.208 ± 0.010 χ^2/NDF : 117.7/15

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.196 ± 0.010 χ^2/NDF : 234.7/13

Left: 0.202 ± 0.007 χ^2/NDF : 353.2/29

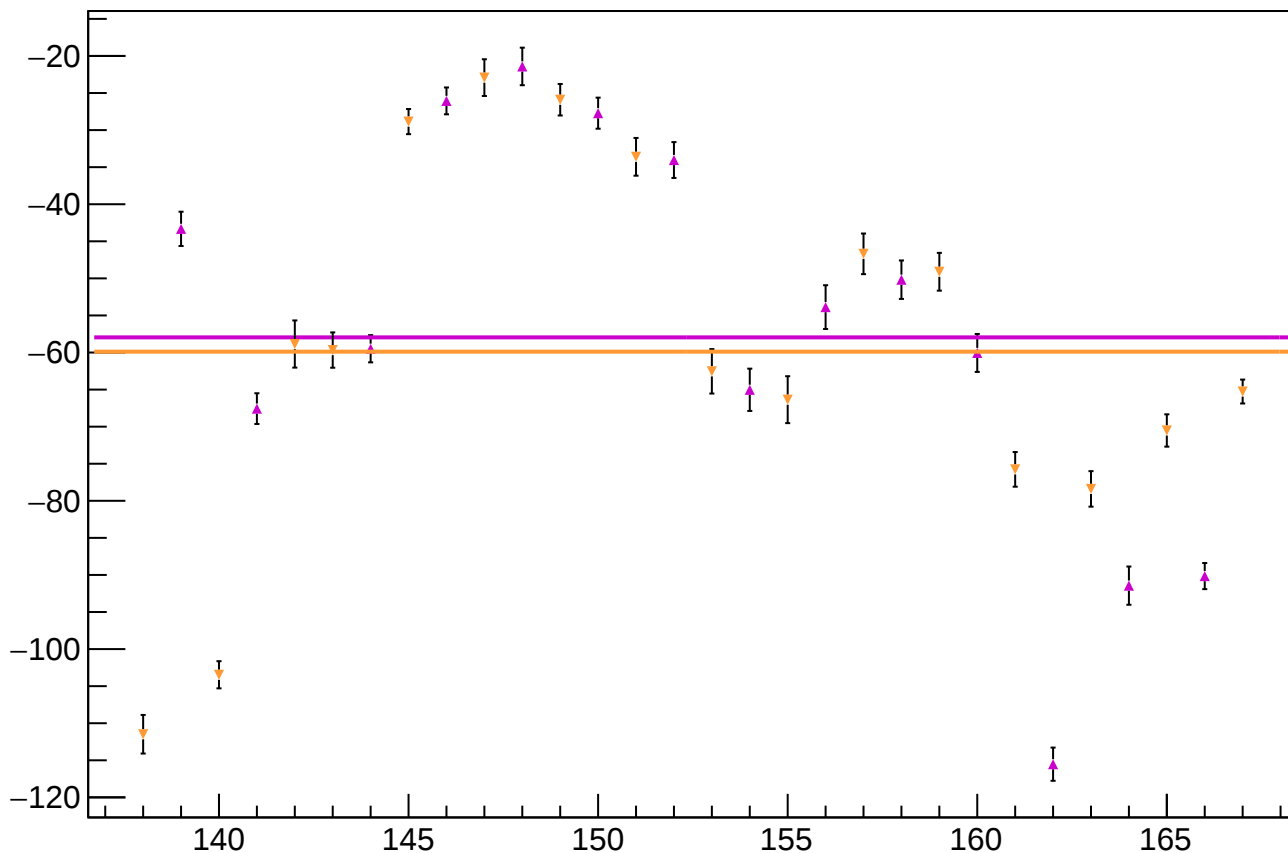
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.139 ± 0.010 χ^2/NDF : 998.2/30

Out: 0.135 ± 0.009 χ^2/NDF : 1325.9/34

All: 0.137 ± 0.007 χ^2/NDF : 2324.2/65

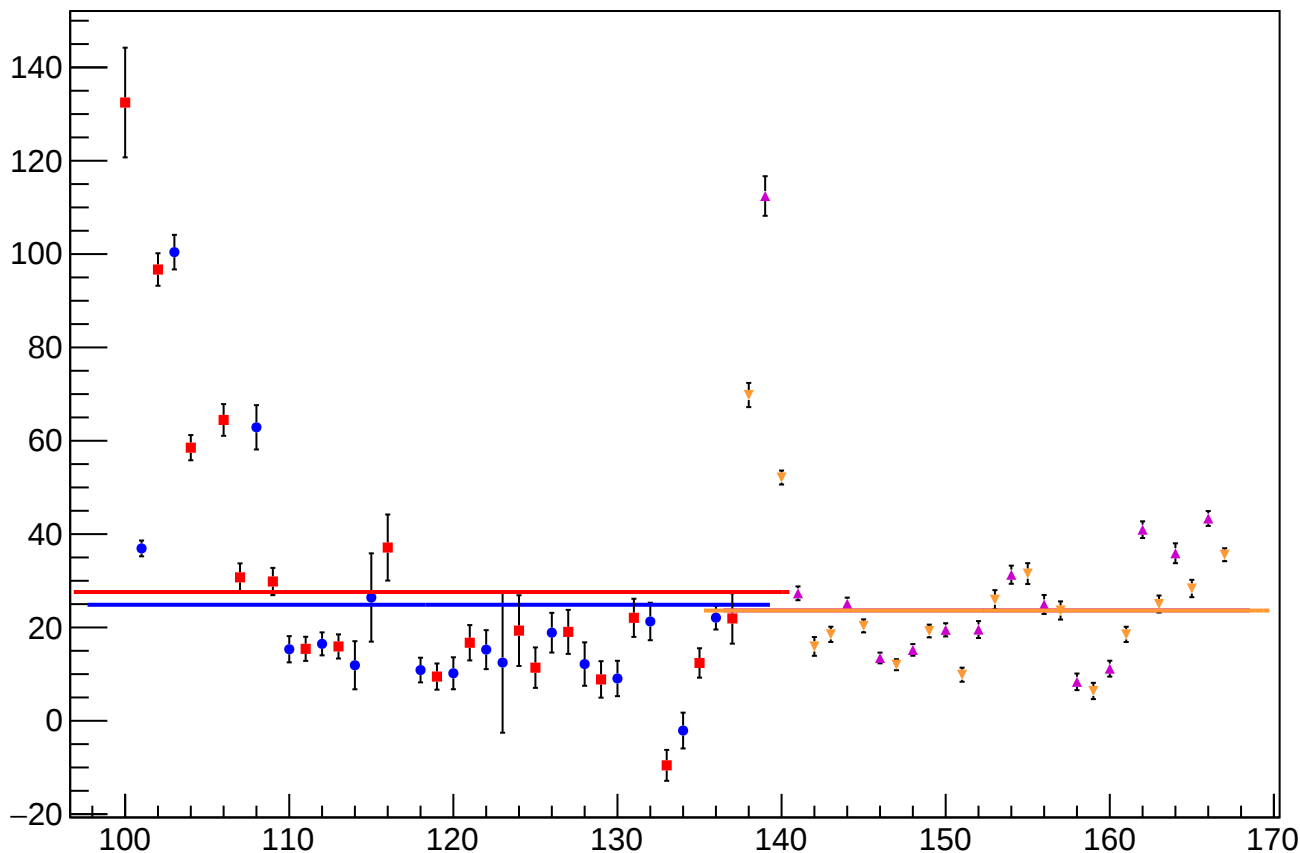
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -59.885+/-0.572 χ^2/NDF : 2065.1/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.957+/-0.599 χ^2/NDF : 2068.5/13

Left: -58.966+/-0.414 χ^2/NDF : 4139.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -57.957+/-0.599 χ^2/NDF : 2068.5/13
 Out: -59.885+/-0.572 χ^2/NDF : 2065.1/15
 All: -58.966+/-0.414 χ^2/NDF : 4139.0/29

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.623 $\pm$ 0.411 χ^2 /NDF:1100.1/15

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 23.653 $\pm$ 0.431 χ^2 /NDF:1006.5/13

Left: 23.638 $\pm$ 0.297 χ^2 /NDF: 2106.6/29

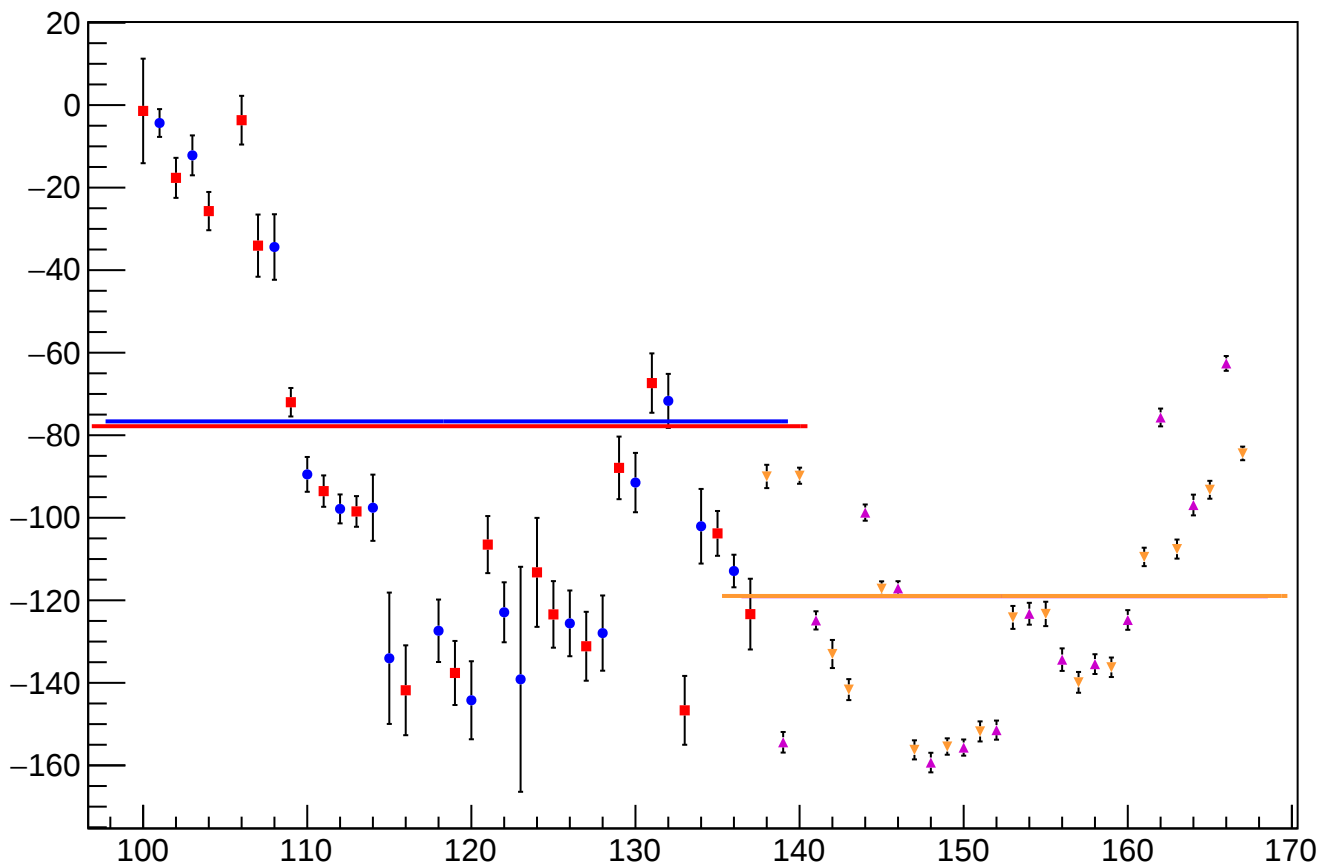
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 23.924 $\pm$ 0.379 χ^2 /NDF:1699.3/30

Out: 24.436 $\pm$ 0.366 χ^2 /NDF:2130.1/34

All: 24.189 $\pm$ 0.264 χ^2 /NDF: 3830.4/65

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -118.949 ± 0.568 χ^2/NDF : 1955.2/15

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -119.008 ± 0.588 χ^2/NDF : 2707.1/13

Left: -118.978 ± 0.409 χ^2/NDF : 4662.2/29

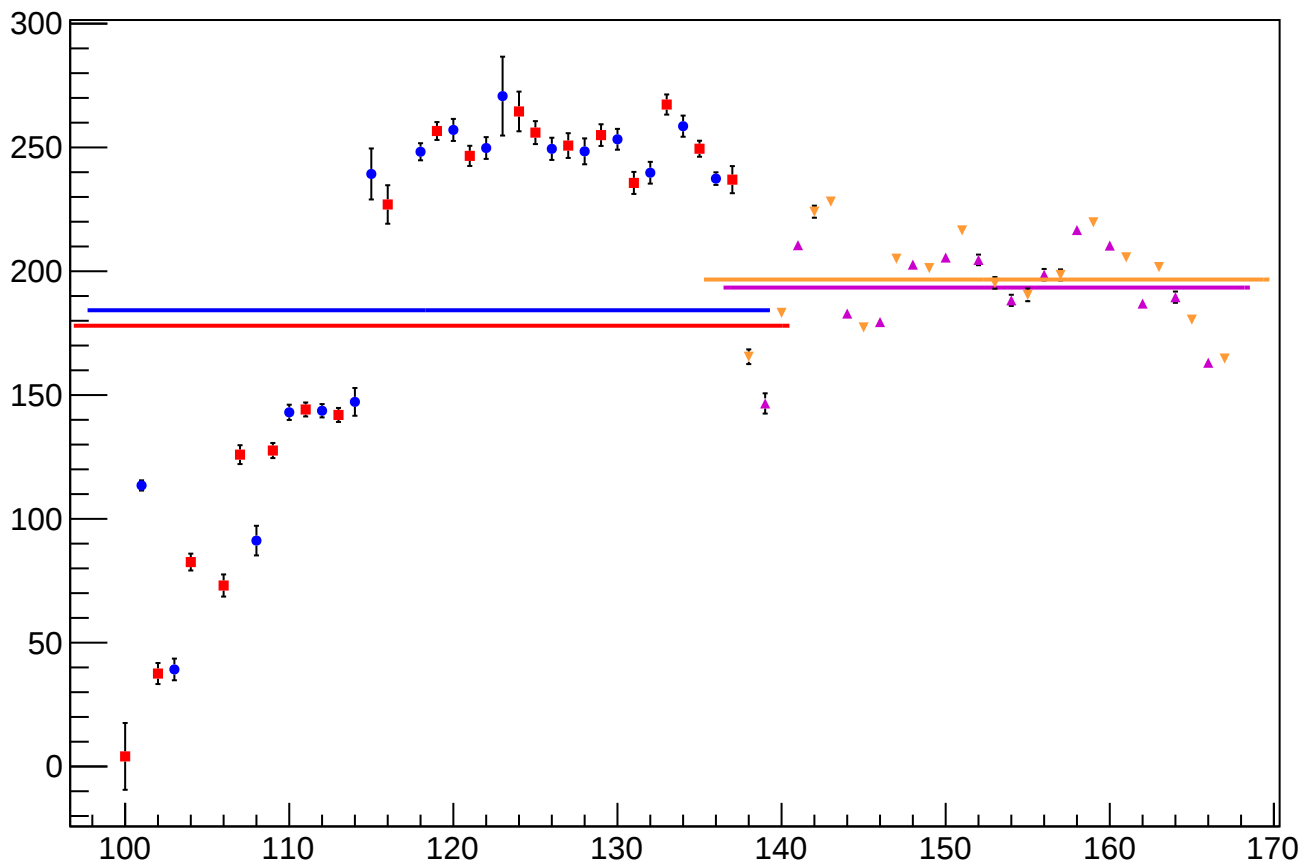
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -112.765 ± 0.543 χ^2/NDF : 4512.4/30

Out: -112.778 ± 0.524 χ^2/NDF : 3615.1/34

All: -112.772 ± 0.377 χ^2/NDF : 8127.5/65

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: 196.656 $\pm$ 0.478 χ^2 /NDF:1544.7/15

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 193.406 $\pm$ 0.501 χ^2 /NDF:1053.0/13

Left: 195.107 $\pm$ 0.346 χ^2 /NDF: 2619.8/29

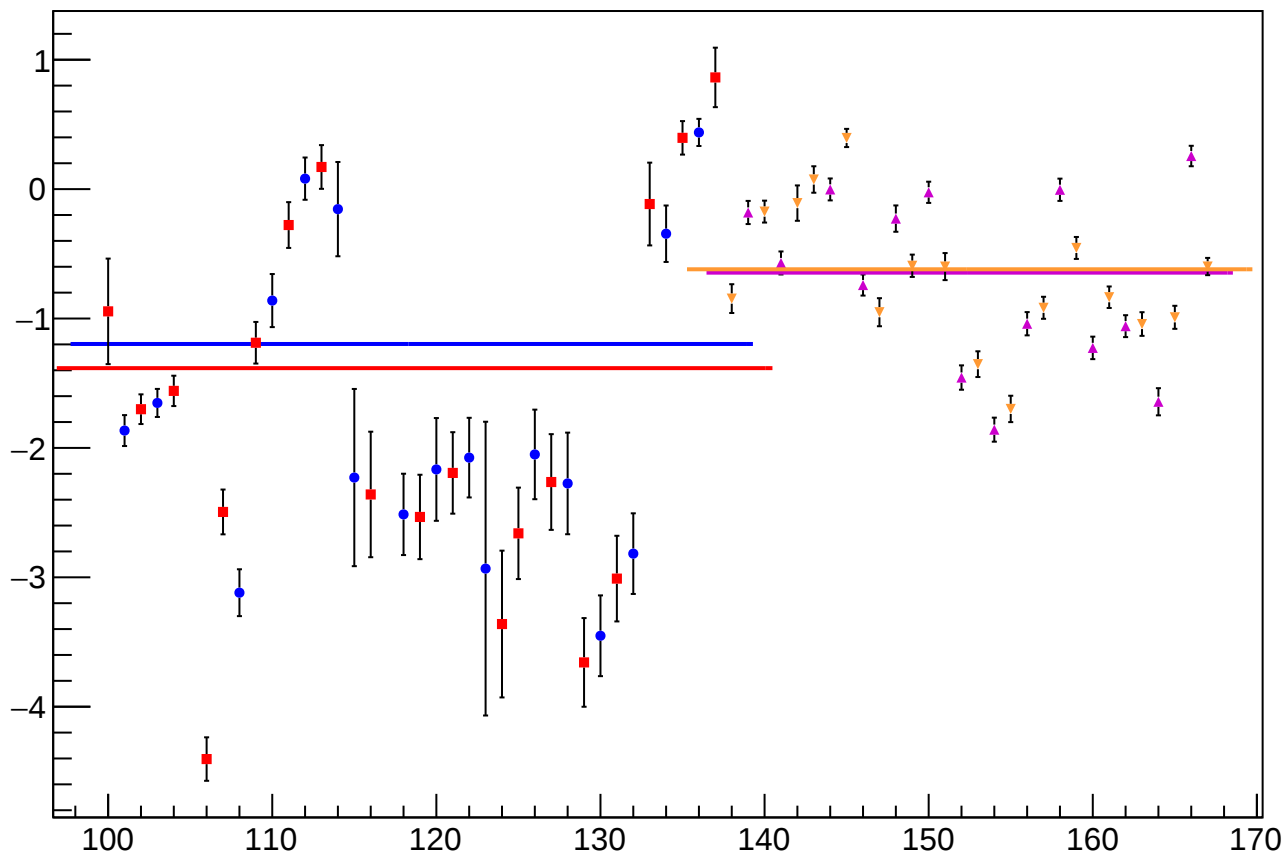
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 191.295 $\pm$ 0.439 χ^2 /NDF:6518.7/30

Out: 192.714 $\pm$ 0.425 χ^2 /NDF:8204.4/34

All: 192.029 $\pm$ 0.305 χ^2 /NDF: 14728.5/65

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.620 $\pm$ 0.023 χ^2/NDF : 537.7/15

Right Out: -1.383 $\pm$ 0.046 χ^2/NDF : 923.4/18

Left In: -0.645 $\pm$ 0.024 χ^2/NDF : 769.5/13

Left: -0.632 $\pm$ 0.016 χ^2/NDF : 1307.8/29

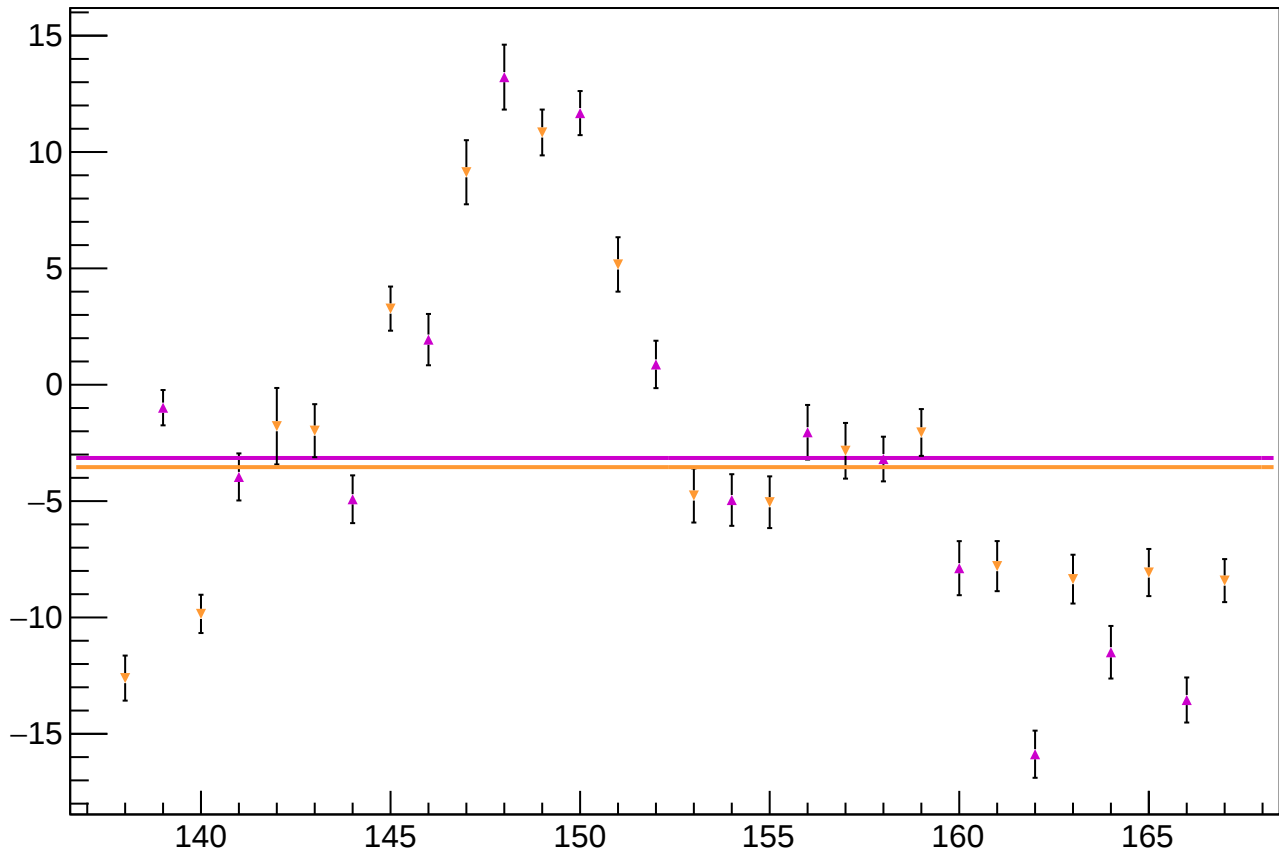
Right: -1.295 $\pm$ 0.033 χ^2/NDF : 1552.8/35

In: -0.752 $\pm$ 0.021 χ^2/NDF : 1496.8/30

Out: -0.768 $\pm$ 0.020 χ^2/NDF : 1685.4/34

All: -0.761 $\pm$ 0.015 χ^2/NDF : 3182.5/65

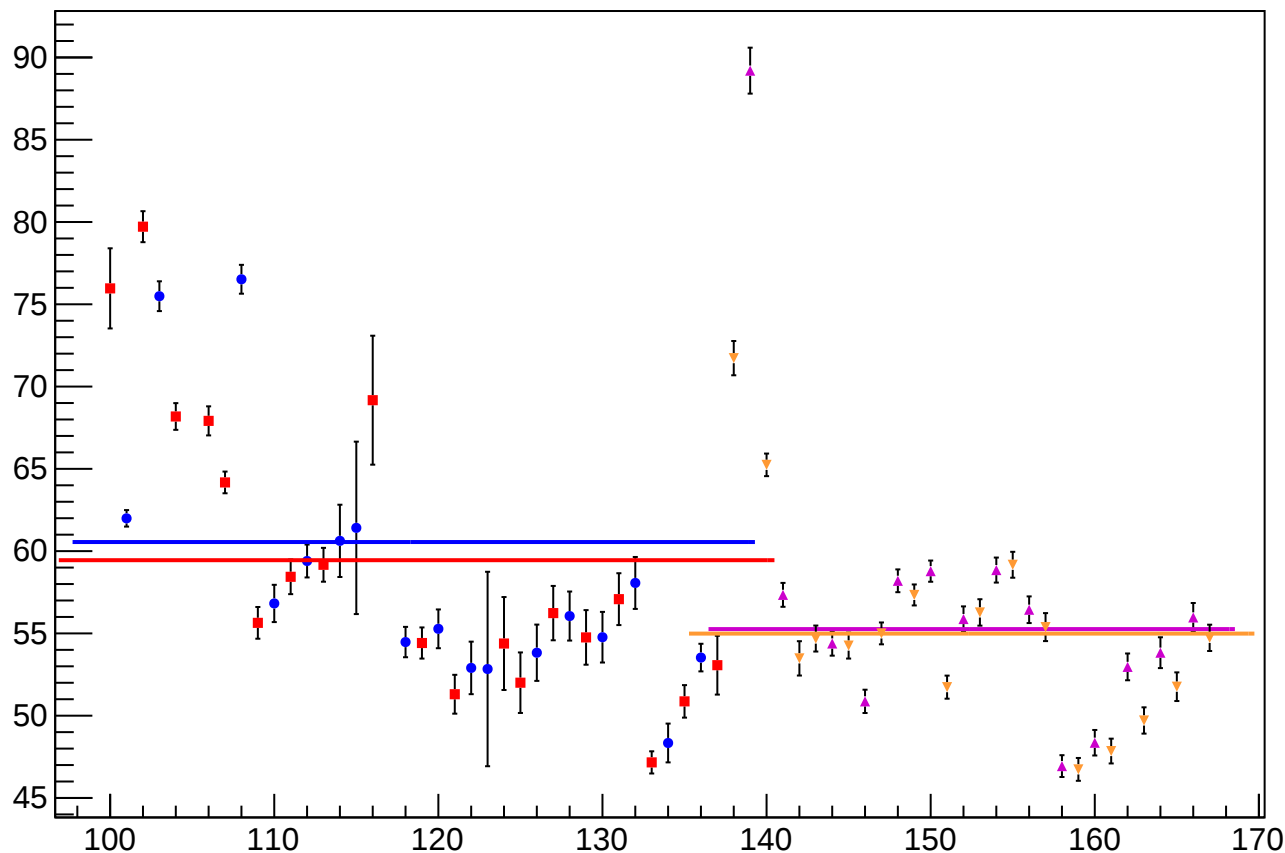
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.540 $\pm$ 0.265 χ^2 /NDF:644.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.147 $\pm$ 0.275 χ^2 /NDF:779.0/13

Left: -3.350 $\pm$ 0.191 χ^2 /NDF: 1424.7/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.147 $\pm$ 0.275 χ^2 /NDF:779.0/13
 Out: -3.540 $\pm$ 0.265 χ^2 /NDF:644.6/15
 All: -3.350 $\pm$ 0.191 χ^2 /NDF: 1424.7/29

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: 54.988 $\pm$ 0.193 χ^2 /NDF: 839.6/15

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 55.263 $\pm$ 0.206 χ^2 /NDF: 959.8/13

Left: 55.116 $\pm$ 0.141 χ^2 /NDF: 1800.3/29

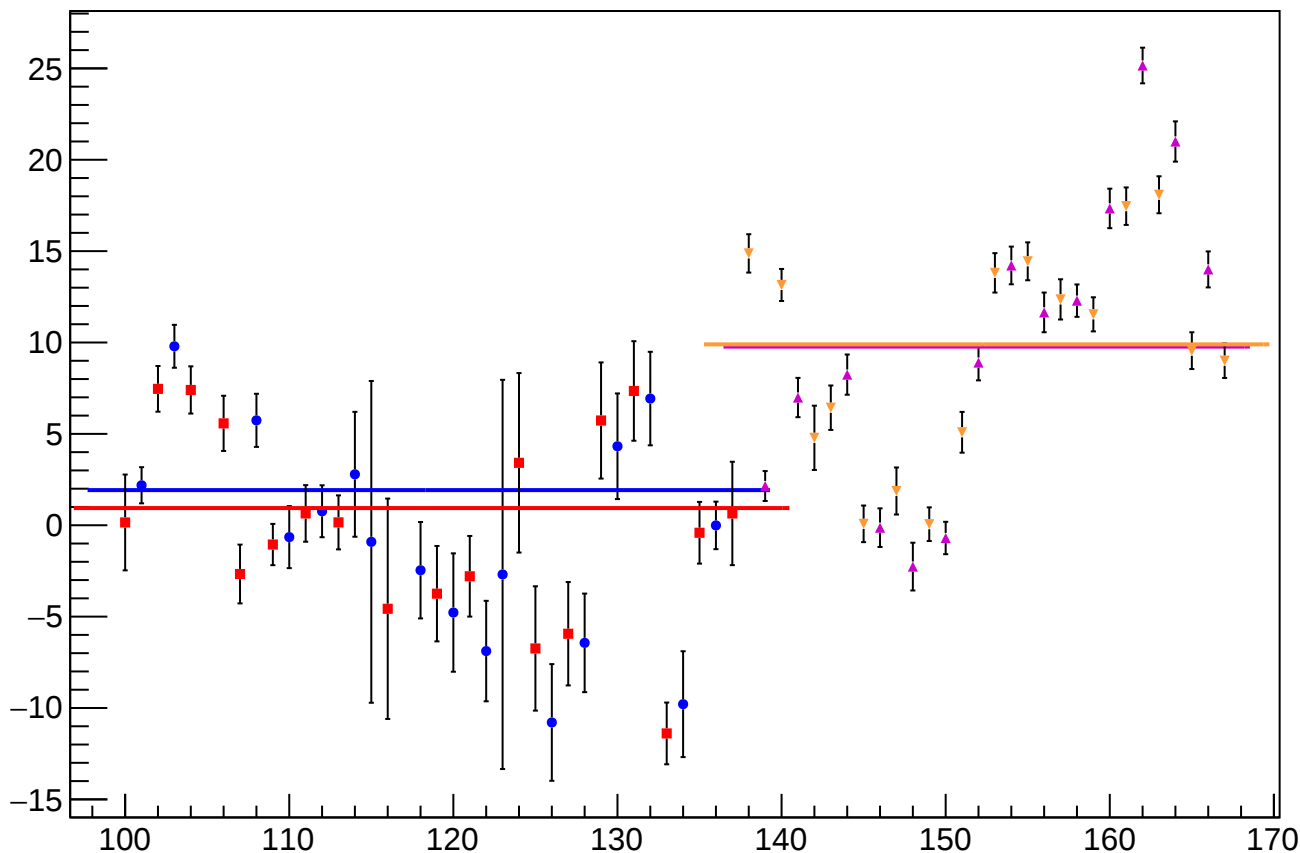
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 57.285 $\pm$ 0.162 χ^2 /NDF: 2143.0/30

Out: 56.677 $\pm$ 0.152 χ^2 /NDF: 2362.5/34

All: 56.963 $\pm$ 0.111 χ^2 /NDF: 4513.0/65

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: 9.898 ± 0.262 $\chi^2/\text{NDF}: 482.0/15$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.775 ± 0.269 $\chi^2/\text{NDF}: 857.9/13$

Left: 9.838 ± 0.188 $\chi^2/\text{NDF}: 1340.0/29$

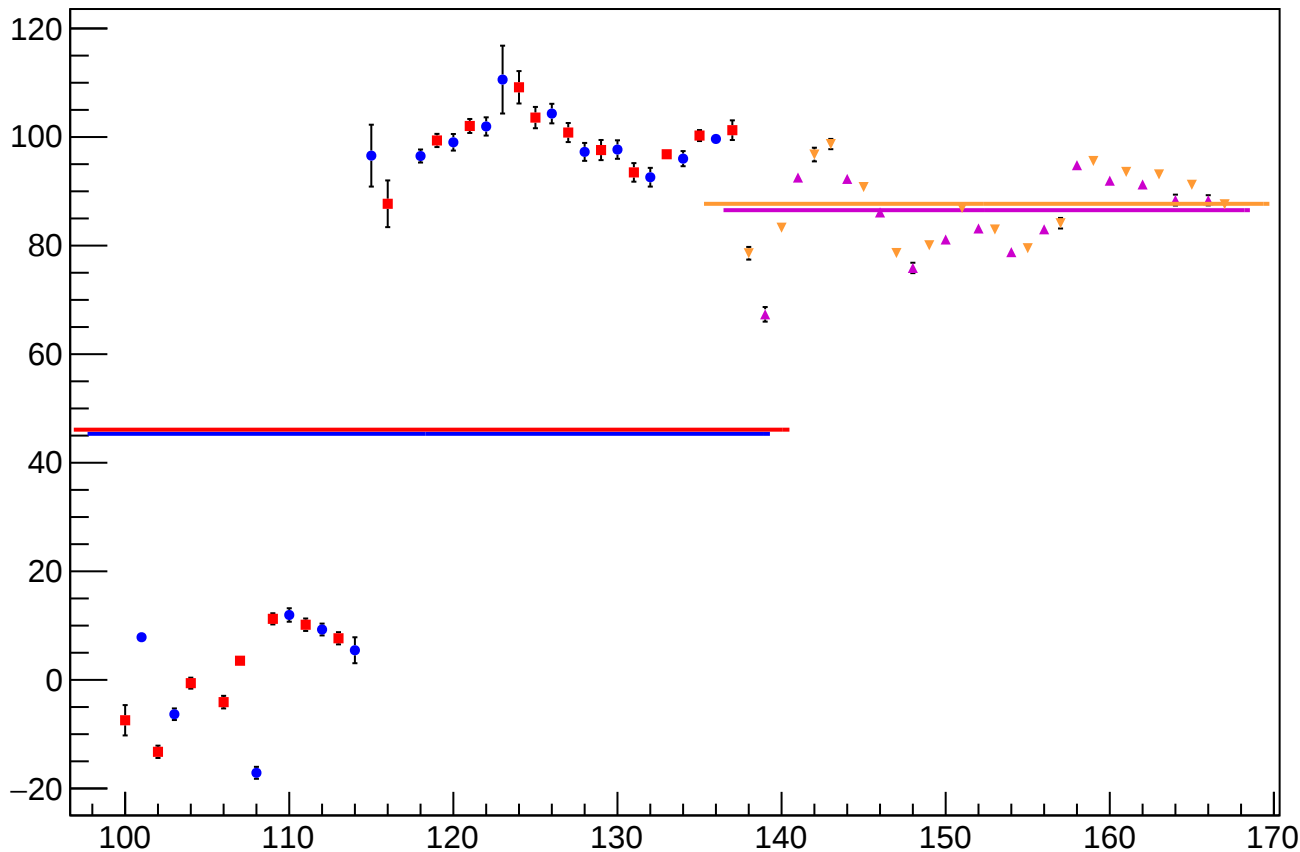
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.762 ± 0.232 $\chi^2/\text{NDF}: 1197.3/30$

Out: 7.425 ± 0.223 $\chi^2/\text{NDF}: 955.3/34$

All: 7.587 ± 0.161 $\chi^2/\text{NDF}: 2153.7/65$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.698 $\pm$ 0.223 χ^2 /NDF: 837.3/15

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.526 $\pm$ 0.235 χ^2 /NDF: 798.5/13

Left: 87.144 $\pm$ 0.162 χ^2 /NDF: 1648.9/29

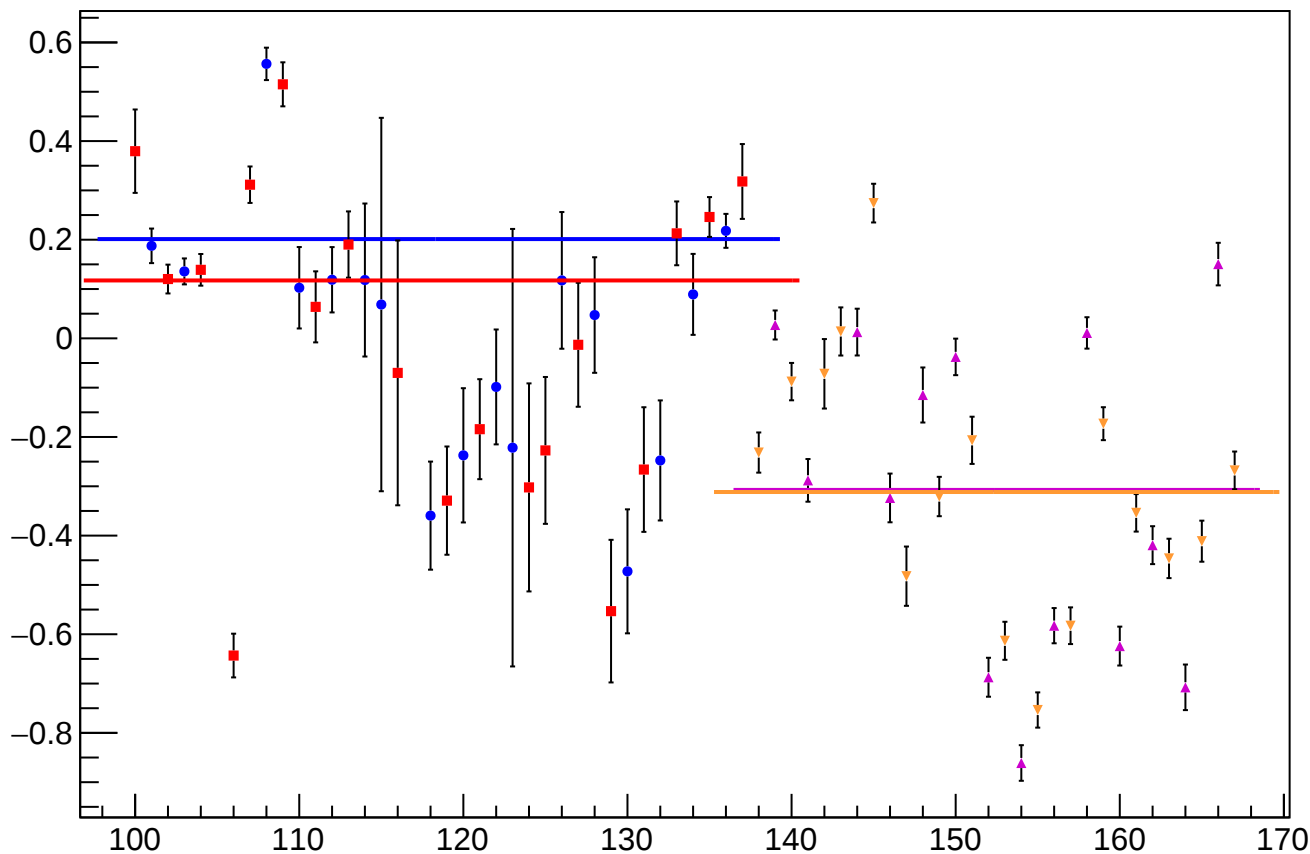
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 71.084 $\pm$ 0.186 χ^2 /NDF: 37315.7/30

Out: 72.225 $\pm$ 0.176 χ^2 /NDF: 42102.9/34

All: 71.684 $\pm$ 0.128 χ^2 /NDF: 79438.4/65

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.312 ± 0.010 χ^2/NDF : 634.8/15

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.307 ± 0.010 χ^2/NDF : 987.5/13

Left: -0.310 ± 0.007 χ^2/NDF : 1622.3/29

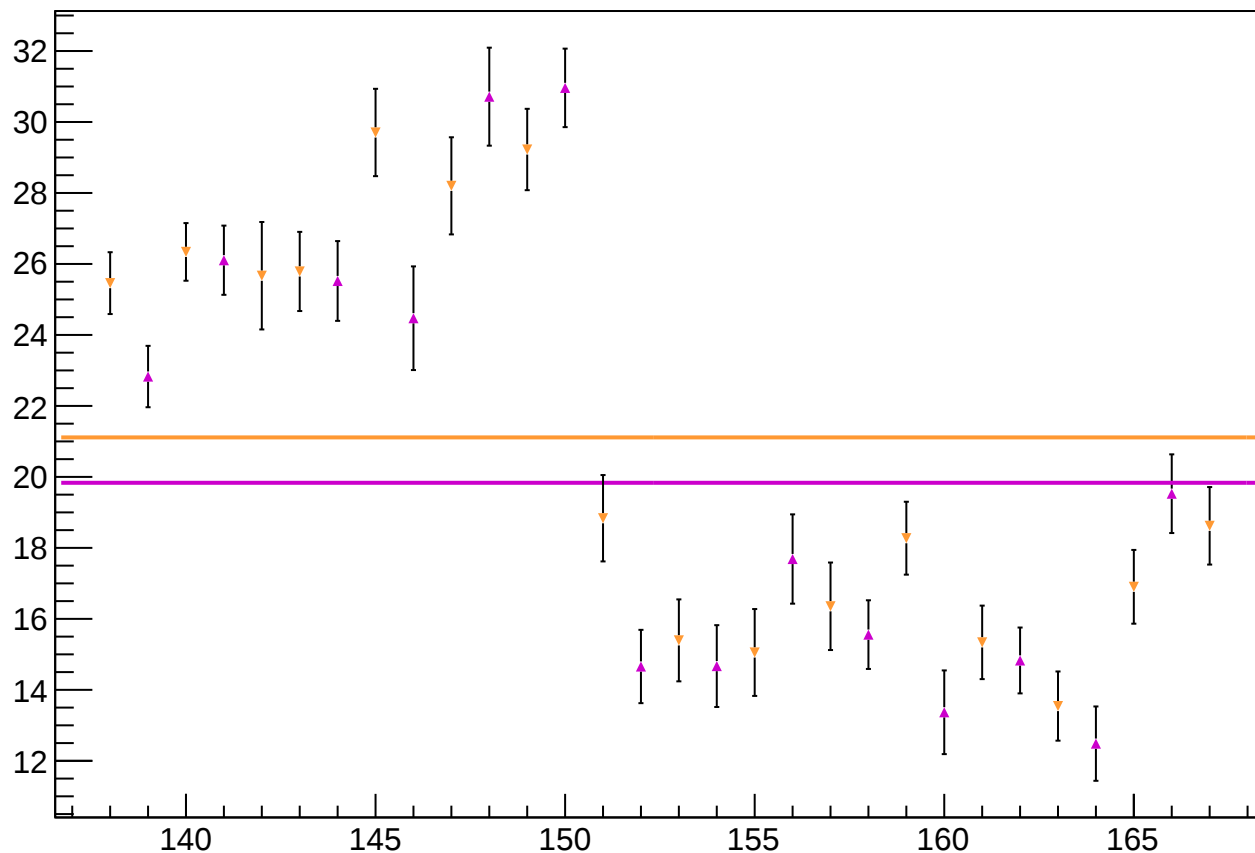
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.125 ± 0.008 χ^2/NDF : 2047.1/30

Out: -0.148 ± 0.008 χ^2/NDF : 1805.9/34

All: -0.137 ± 0.006 χ^2/NDF : 3856.8/65

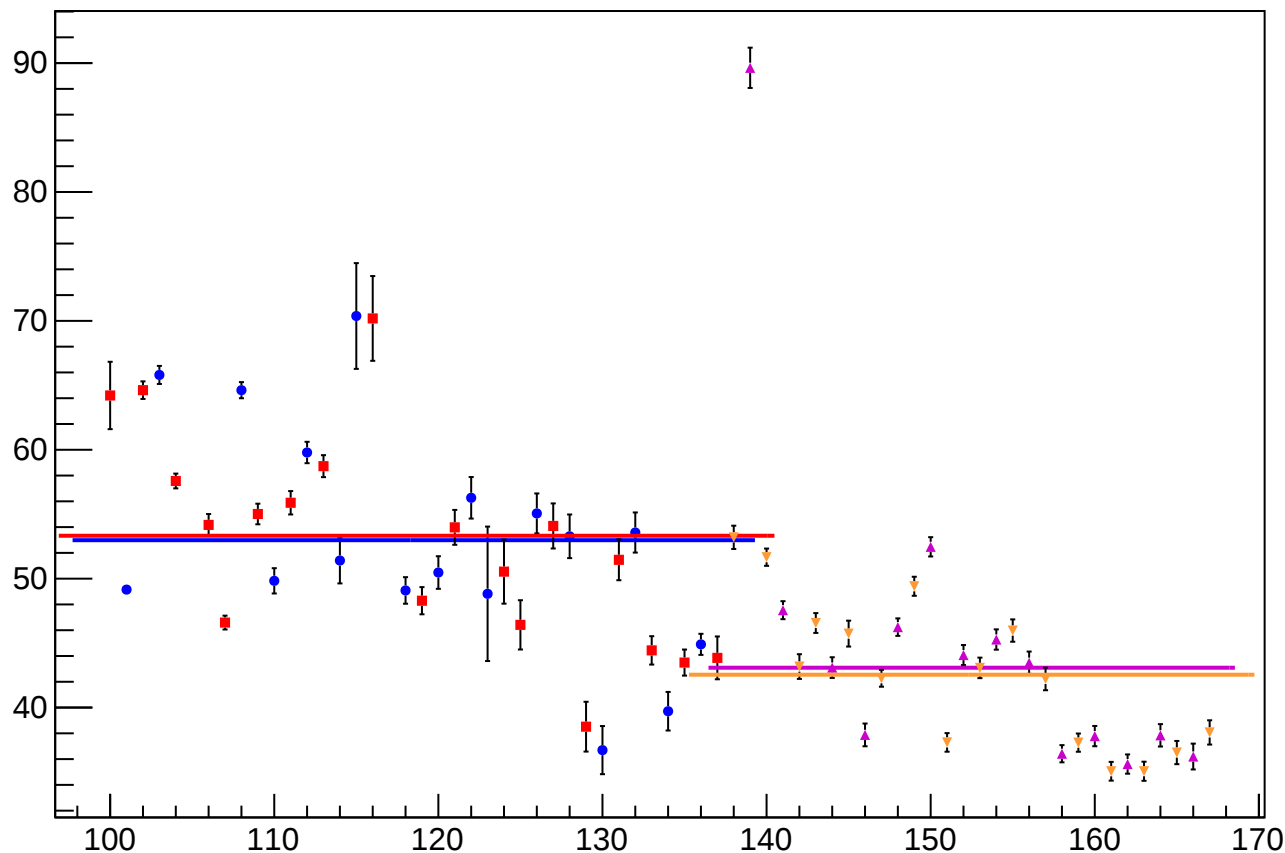
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.113+/-0.272 χ^2/NDF :406.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.834+/-0.289 χ^2/NDF :428.5/13

Left: 20.511+/-0.198 χ^2/NDF : 845.6/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.834+/-0.289 χ^2/NDF :428.5/13
 Out: 21.113+/-0.272 χ^2/NDF :406.7/15
 All: 20.511+/-0.198 χ^2/NDF : 845.6/29

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 42.548 $\pm$ 0.198 χ^2 /NDF: 849.2/15

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 43.090 $\pm$ 0.214 χ^2 /NDF: 1480.0/13

Left: 42.798 $\pm$ 0.145 χ^2 /NDF: 2332.7/29

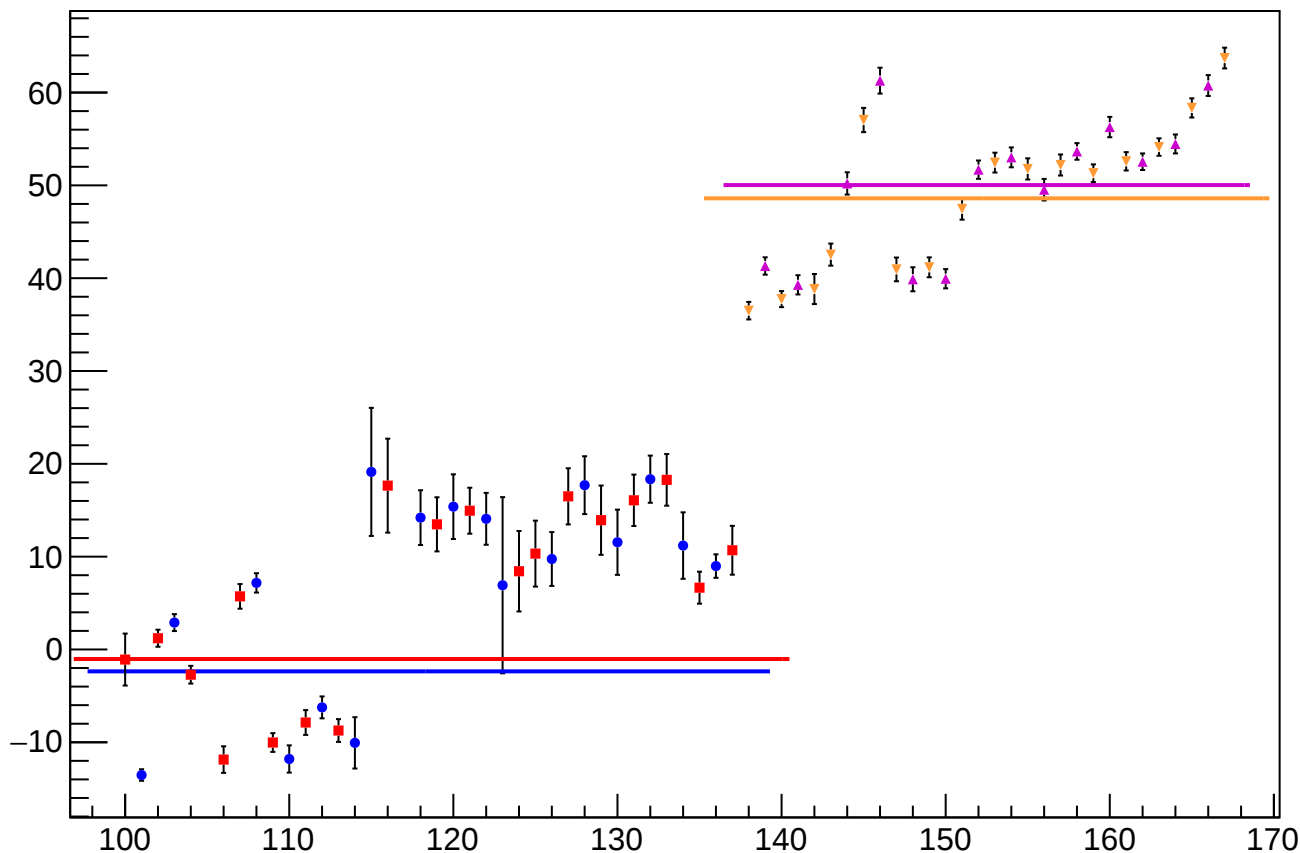
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 48.123 $\pm$ 0.150 χ^2 /NDF: 3765.6/30

Out: 47.209 $\pm$ 0.149 χ^2 /NDF: 3009.4/34

All: 47.663 $\pm$ 0.106 χ^2 /NDF: 6793.6/65

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: 48.603 ± 0.270 $\chi^2/\text{NDF}: 872.0/15$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 50.031 ± 0.283 $\chi^2/\text{NDF}: 592.9/13$

Left: 49.283 ± 0.195 $\chi^2/\text{NDF}: 1478.2/29$

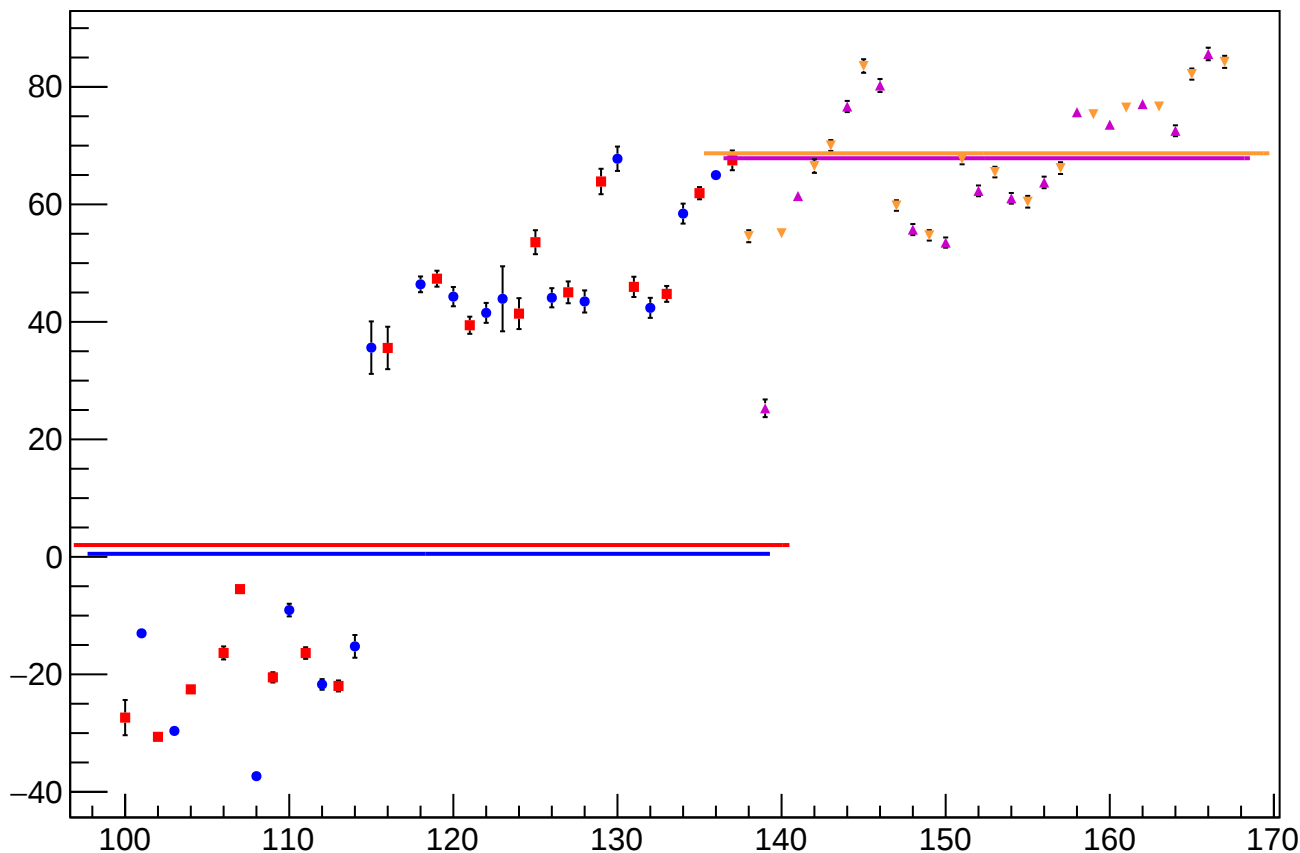
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 30.341 ± 0.223 $\chi^2/\text{NDF}: 14351.4/30$

Out: 31.798 ± 0.219 $\chi^2/\text{NDF}: 12855.8/34$

All: 31.083 ± 0.156 $\chi^2/\text{NDF}: 27228.9/65$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 68.698 $\pm$ 0.228 χ^2 /NDF:1793.1/15

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 67.856 $\pm$ 0.244 χ^2 /NDF:2230.3/13

Left: 68.306 $\pm$ 0.167 χ^2 /NDF: 4029.7/29

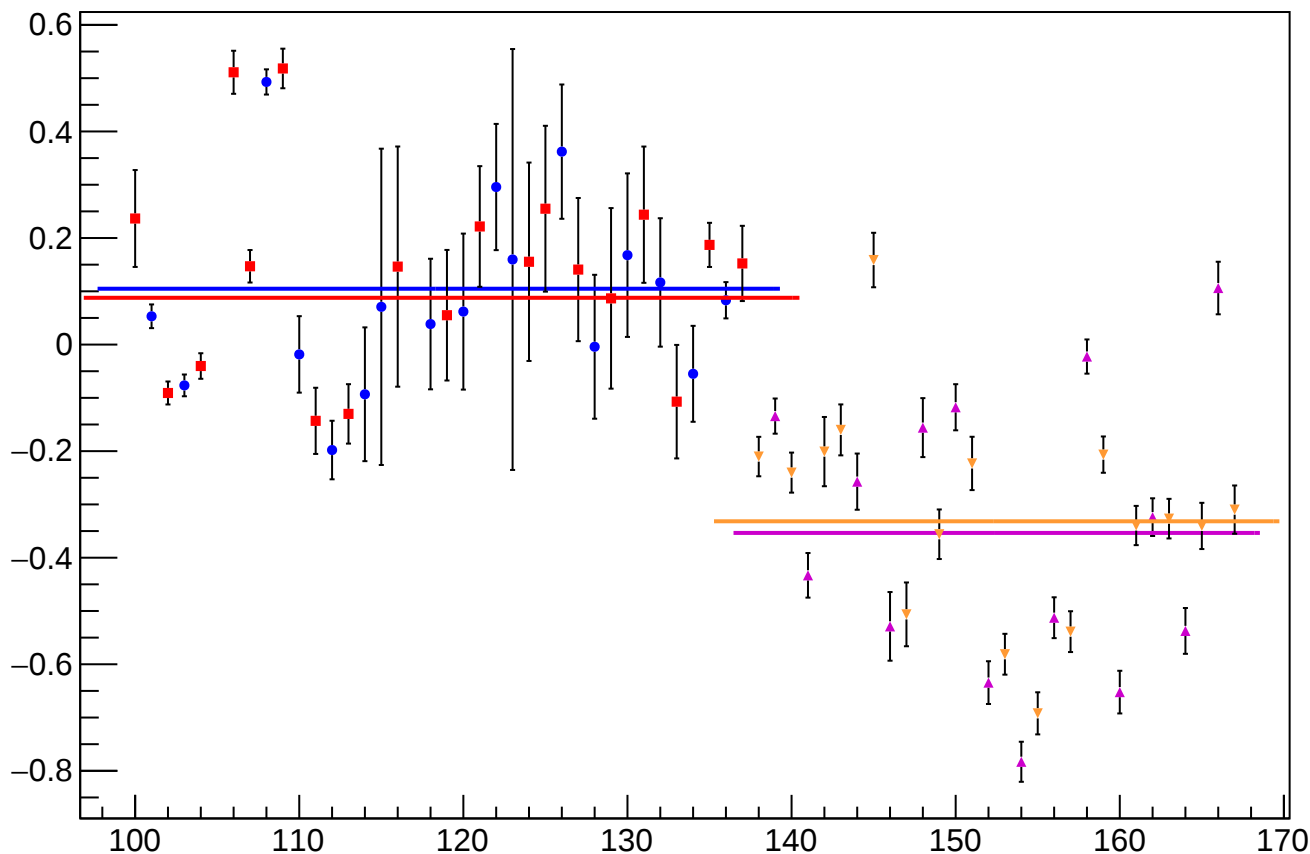
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 34.558 $\pm$ 0.174 χ^2 /NDF:58209.9/30

Out: 40.489 $\pm$ 0.173 χ^2 /NDF:53434.5/34

All: 37.530 $\pm$ 0.123 χ^2 /NDF: 112229.1/65

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: -0.332 ± 0.011 $\chi^2/\text{NDF}: 307.8/15$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.354 ± 0.011 $\chi^2/\text{NDF}: 565.7/13$

Left: -0.342 ± 0.008 $\chi^2/\text{NDF}: 875.5/29$

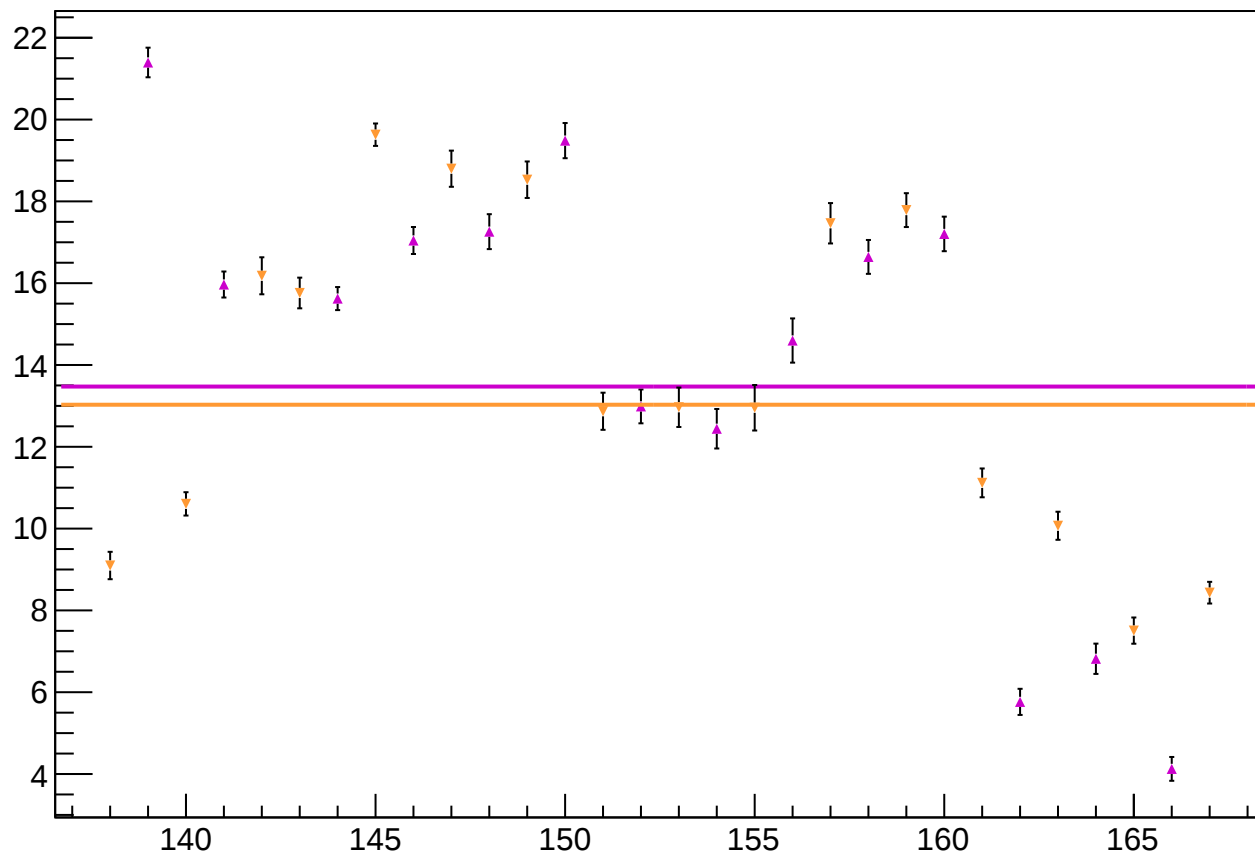
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.126 ± 0.008 $\chi^2/\text{NDF}: 1833.9/30$

Out: -0.131 ± 0.008 $\chi^2/\text{NDF}: 1455.9/34$

All: -0.128 ± 0.005 $\chi^2/\text{NDF}: 3290.0/65$

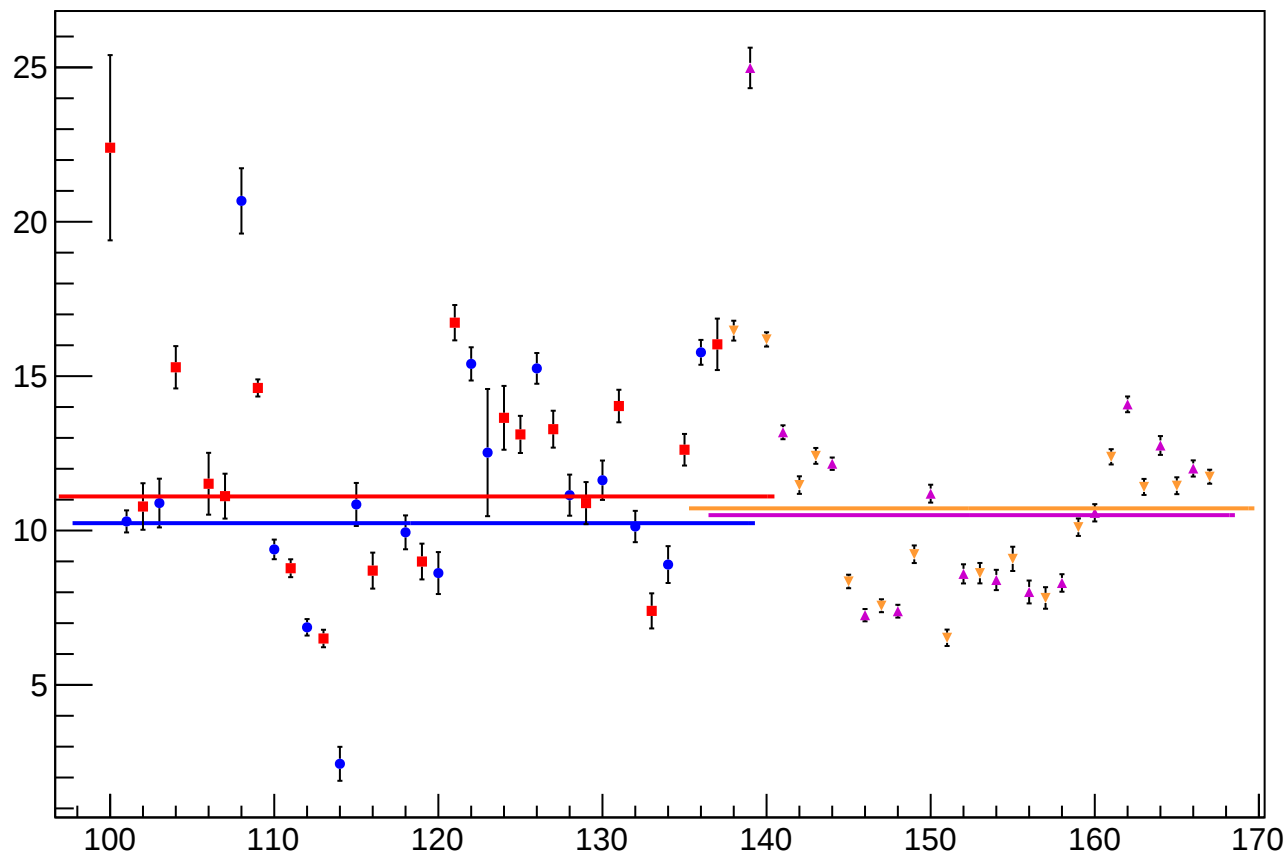
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 13.028 $\pm$ 0.091 χ^2/NDF :2128.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 13.473 $\pm$ 0.098 χ^2/NDF :3072.1/13

Left: 13.235 $\pm$ 0.067 χ^2/NDF : 5211.5/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 13.473 $\pm$ 0.098 χ^2/NDF :3072.1/13
 Out: 13.028 $\pm$ 0.091 χ^2/NDF :2128.4/15
 All: 13.235 $\pm$ 0.067 χ^2/NDF : 5211.5/29

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: 10.718 ± 0.066 $\chi^2/\text{NDF}: 1761.0/15$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 10.498 ± 0.071 $\chi^2/\text{NDF}: 1663.4/13$

Left: 10.615 ± 0.048 $\chi^2/\text{NDF}: 3429.6/29$

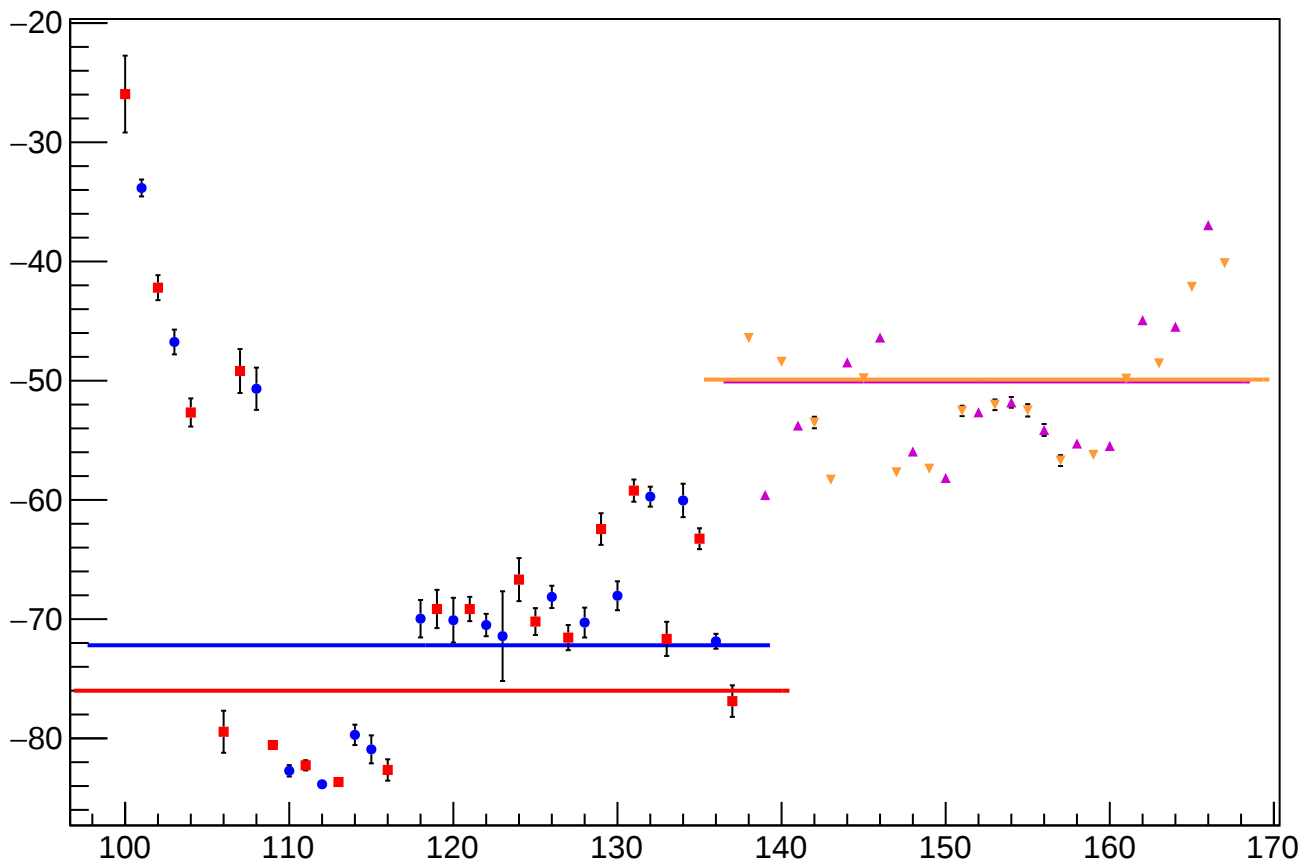
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 10.430 ± 0.061 $\chi^2/\text{NDF}: 2534.3/30$

Out: 10.813 ± 0.058 $\chi^2/\text{NDF}: 2584.5/34$

All: 10.632 ± 0.042 $\chi^2/\text{NDF}: 5139.7/65$

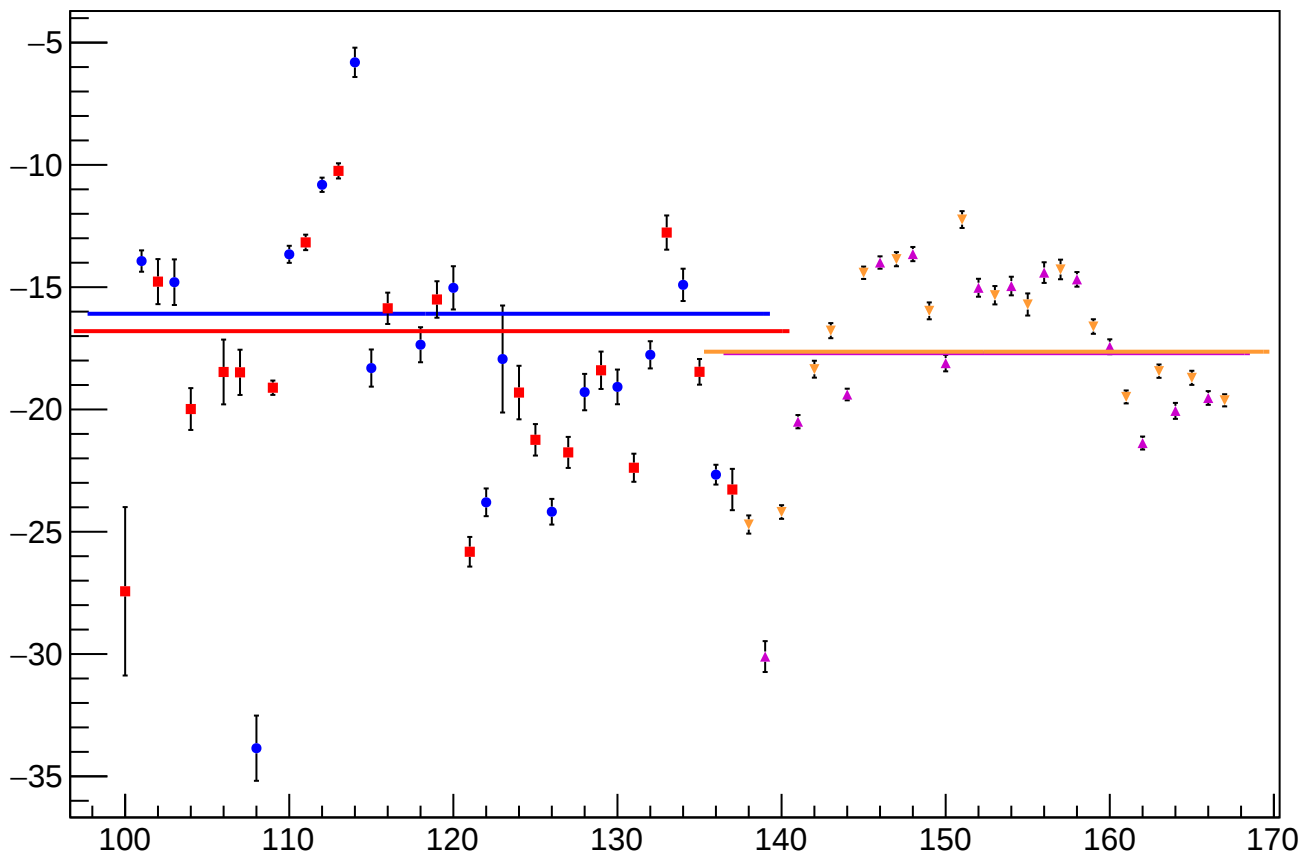
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$
 Left Out: -49.905 ± 0.092 $\chi^2/\text{NDF}: 3775.5/15$
 Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$
 Left In: -50.062 ± 0.097 $\chi^2/\text{NDF}: 4391.5/13$

Left: -49.980 ± 0.066 $\chi^2/\text{NDF}: 8168.3/29$
 Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$
 In: -54.319 ± 0.087 $\chi^2/\text{NDF}: 20029.4/30$
 Out: -55.227 ± 0.082 $\chi^2/\text{NDF}: 23801.2/34$
 All: -54.801 ± 0.060 $\chi^2/\text{NDF}: 43888.4/65$

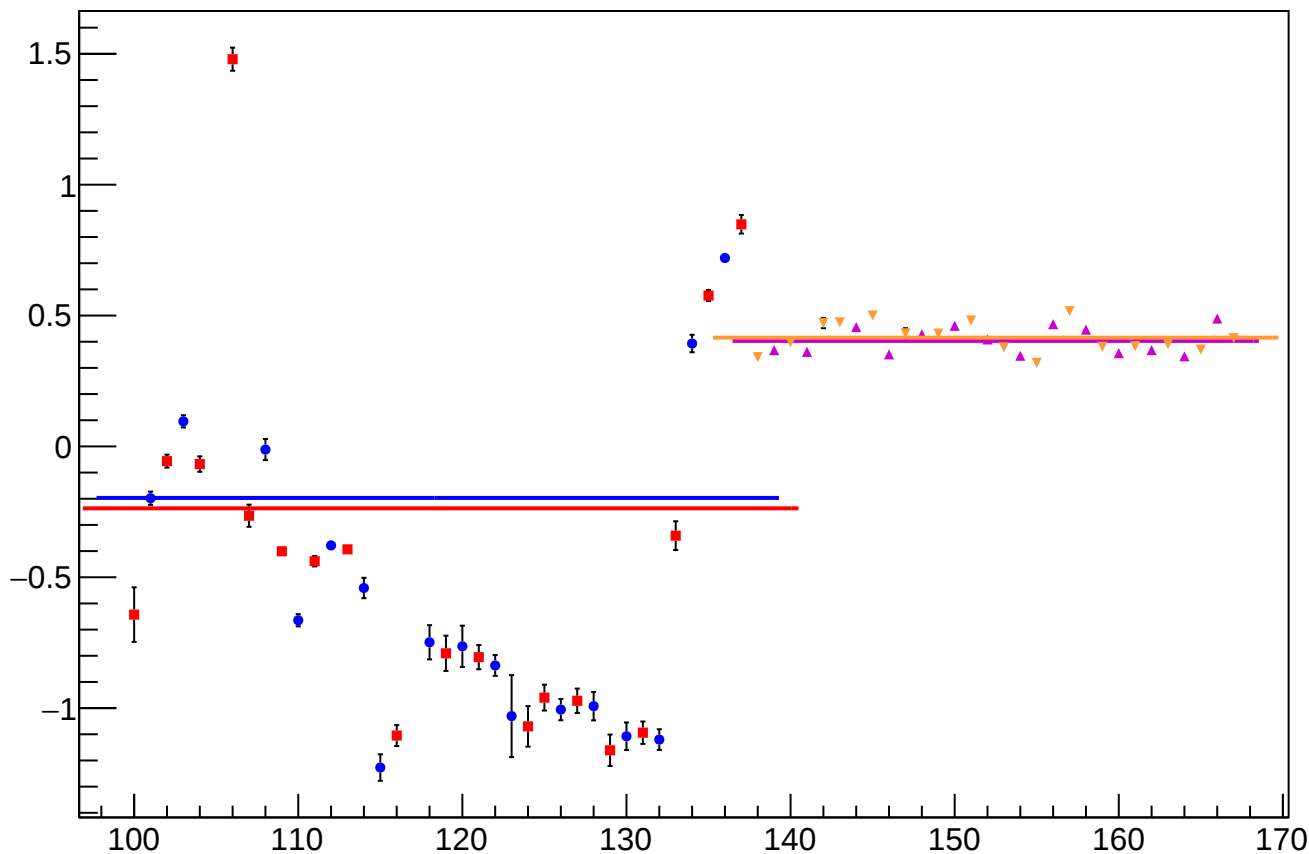
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.638 ± 0.077 $\chi^2/\text{NDF}: 1797.1/15$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.699 ± 0.082 $\chi^2/\text{NDF}: 1507.4/13$

Left: -17.667 ± 0.056 $\chi^2/\text{NDF}: 3304.8/29$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -17.251 ± 0.070 $\chi^2/\text{NDF}: 3236.2/30$
 Out: -17.415 ± 0.066 $\chi^2/\text{NDF}: 3042.6/34$
 All: -17.338 ± 0.048 $\chi^2/\text{NDF}: 6281.7/65$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/15

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.403 ± 0.004 χ^2/NDF : 173.5/13

Left: 0.410 ± 0.003 χ^2/NDF : 403.5/29

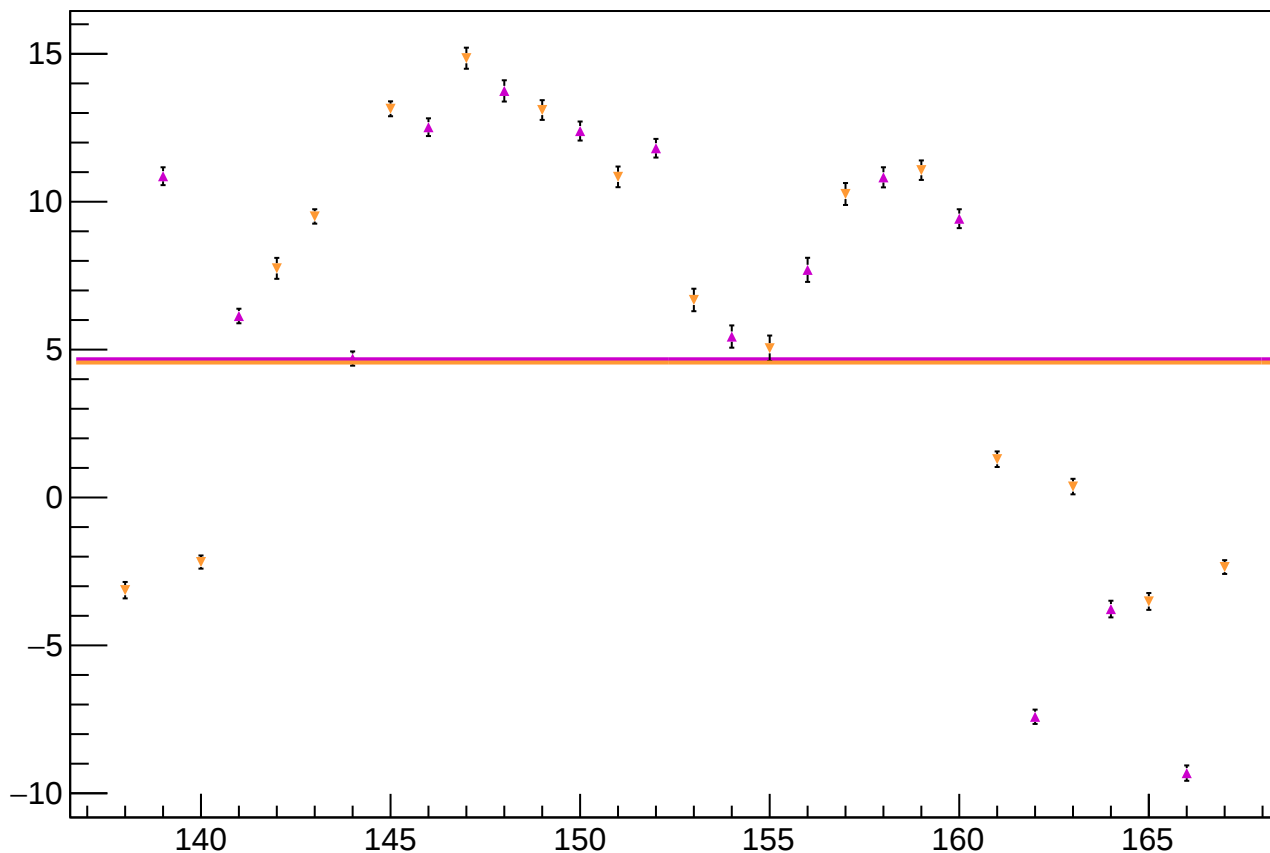
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.278 ± 0.003 χ^2/NDF : 11504.7/30

Out: 0.283 ± 0.003 χ^2/NDF : 13029.1/34

All: 0.281 ± 0.002 χ^2/NDF : 24534.7/65

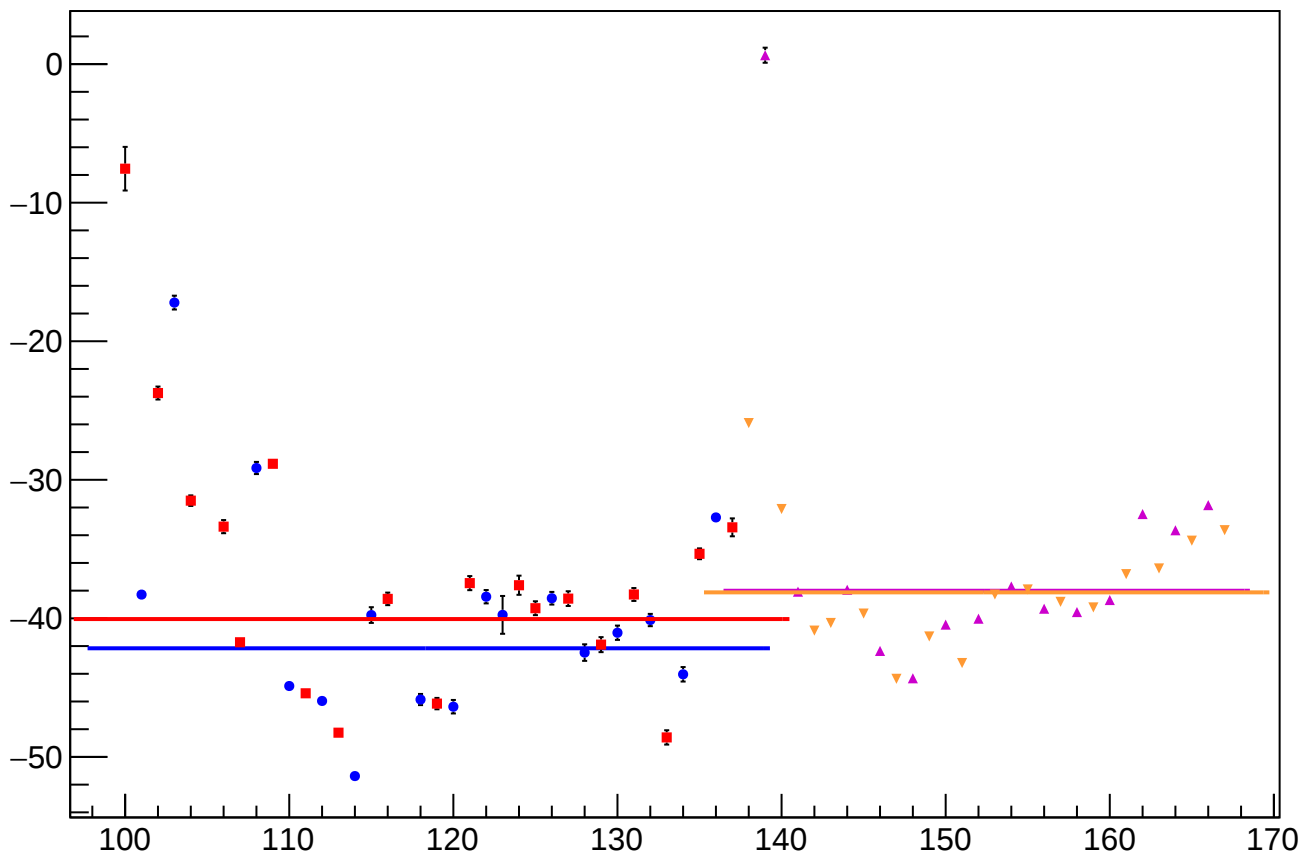
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.563+/-0.073 χ^2/NDF : 7899.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.673+/-0.079 χ^2/NDF : 9760.5/13

Left: 4.614+/-0.054 χ^2/NDF : 17661.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.673+/-0.079 χ^2/NDF : 9760.5/13
 Out: 4.563+/-0.073 χ^2/NDF : 7899.6/15
 All: 4.614+/-0.054 χ^2/NDF : 17661.1/29

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: -38.124 ± 0.053 $\chi^2/\text{NDF}: 6625.2/15$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -38.008 ± 0.058 $\chi^2/\text{NDF}: 9009.9/13$

Left: -38.071 ± 0.039 $\chi^2/\text{NDF}: 15637.3/29$

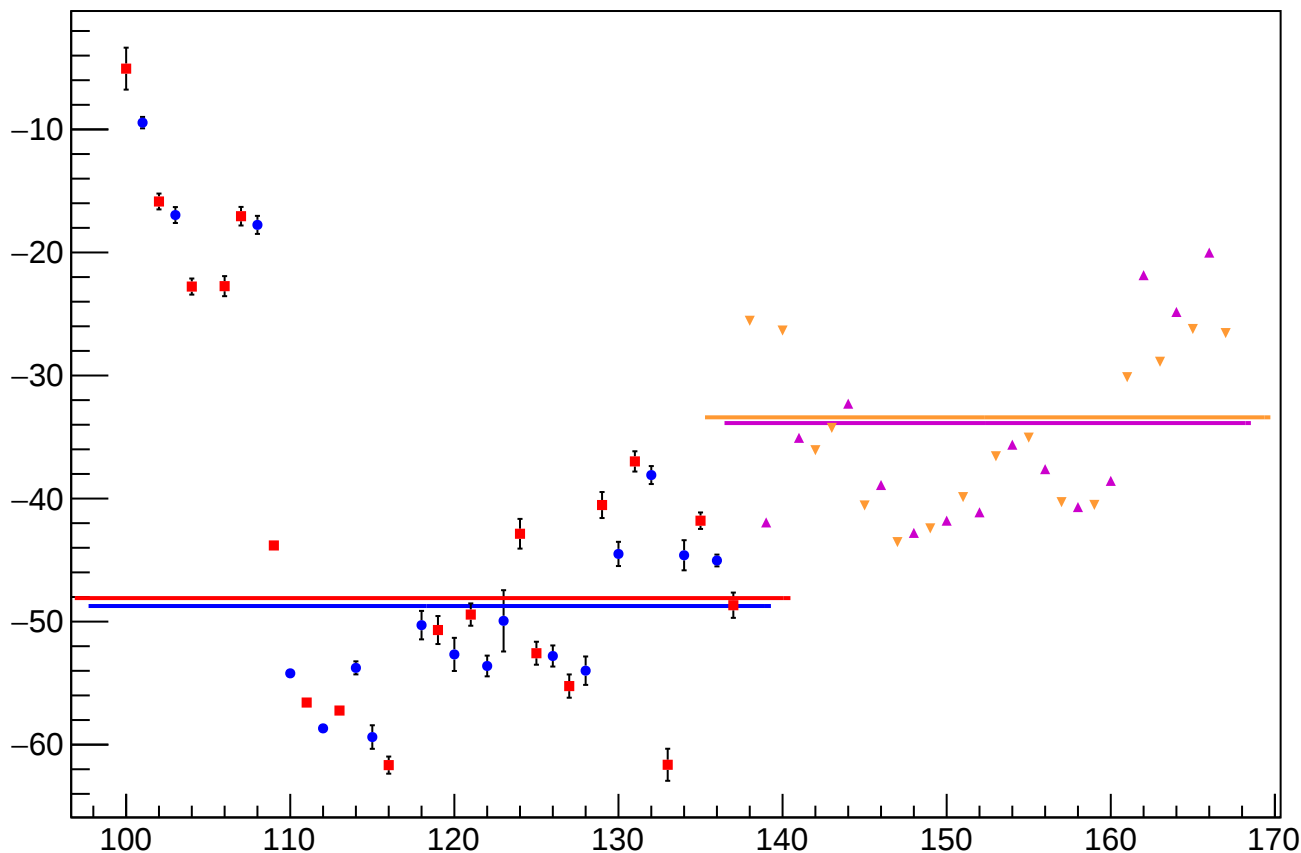
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -39.472 ± 0.046 $\chi^2/\text{NDF}: 17419.0/30$

Out: -38.787 ± 0.043 $\chi^2/\text{NDF}: 18395.9/34$

All: -39.102 ± 0.031 $\chi^2/\text{NDF}: 35933.3/65$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -33.398+/-0.073 χ^2/NDF : 7481.5/15

Right Out: -48.090+/-0.107 χ^2/NDF : 11731.5/18

Left In: -33.865+/-0.078 χ^2/NDF : 10274.1/13

Left: -33.616+/-0.053 χ^2/NDF : 17774.6/29

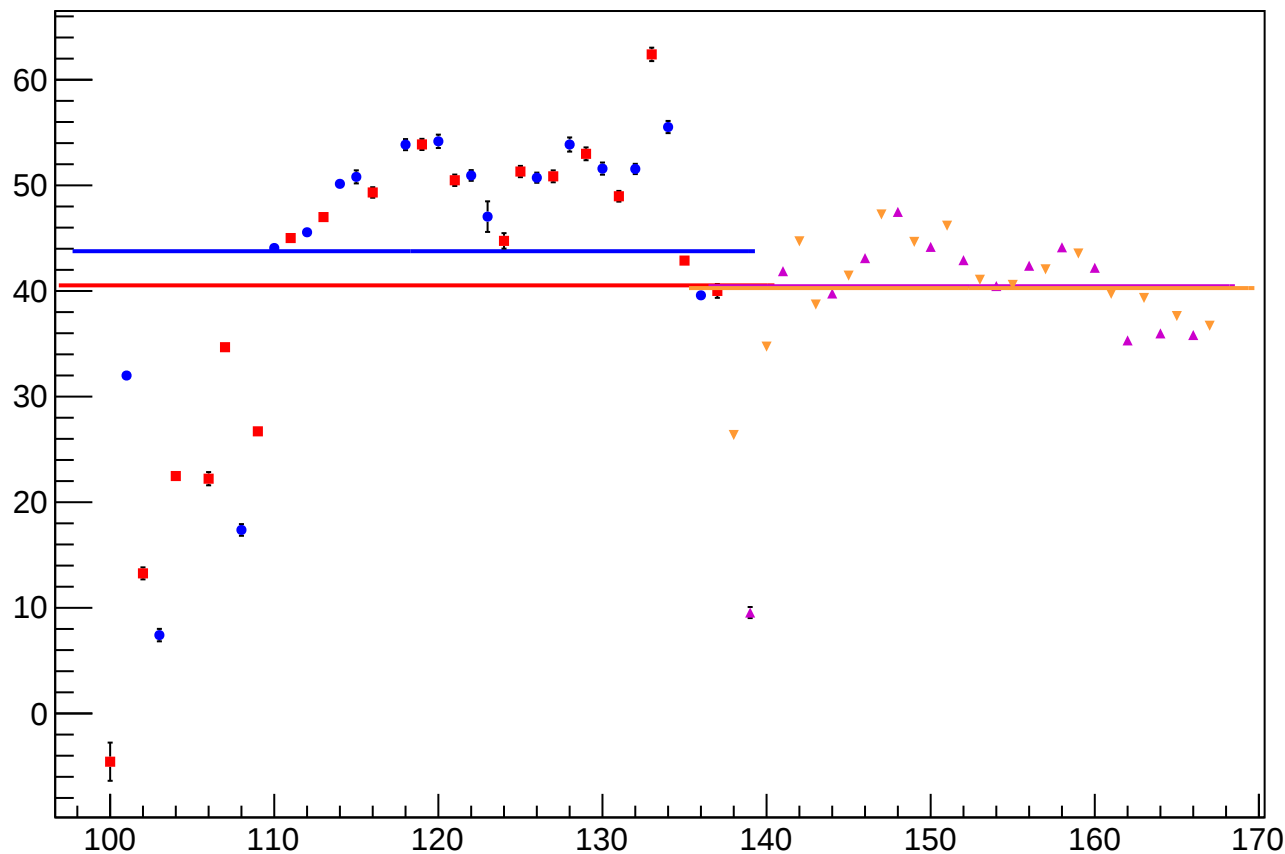
Right: -48.363+/-0.081 χ^2/NDF : 26406.2/35

In: -38.043+/-0.066 χ^2/NDF : 35157.9/30

Out: -38.050+/-0.060 χ^2/NDF : 32041.7/34

All: -38.047+/-0.045 χ^2/NDF : 67199.7/65

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: 40.274 $\pm$ 0.061 χ^2 /NDF: 5302.4/15

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 40.453 $\pm$ 0.066 χ^2 /NDF: 6409.6/13

Left: 40.356 $\pm$ 0.045 χ^2 /NDF: 11715.9/29

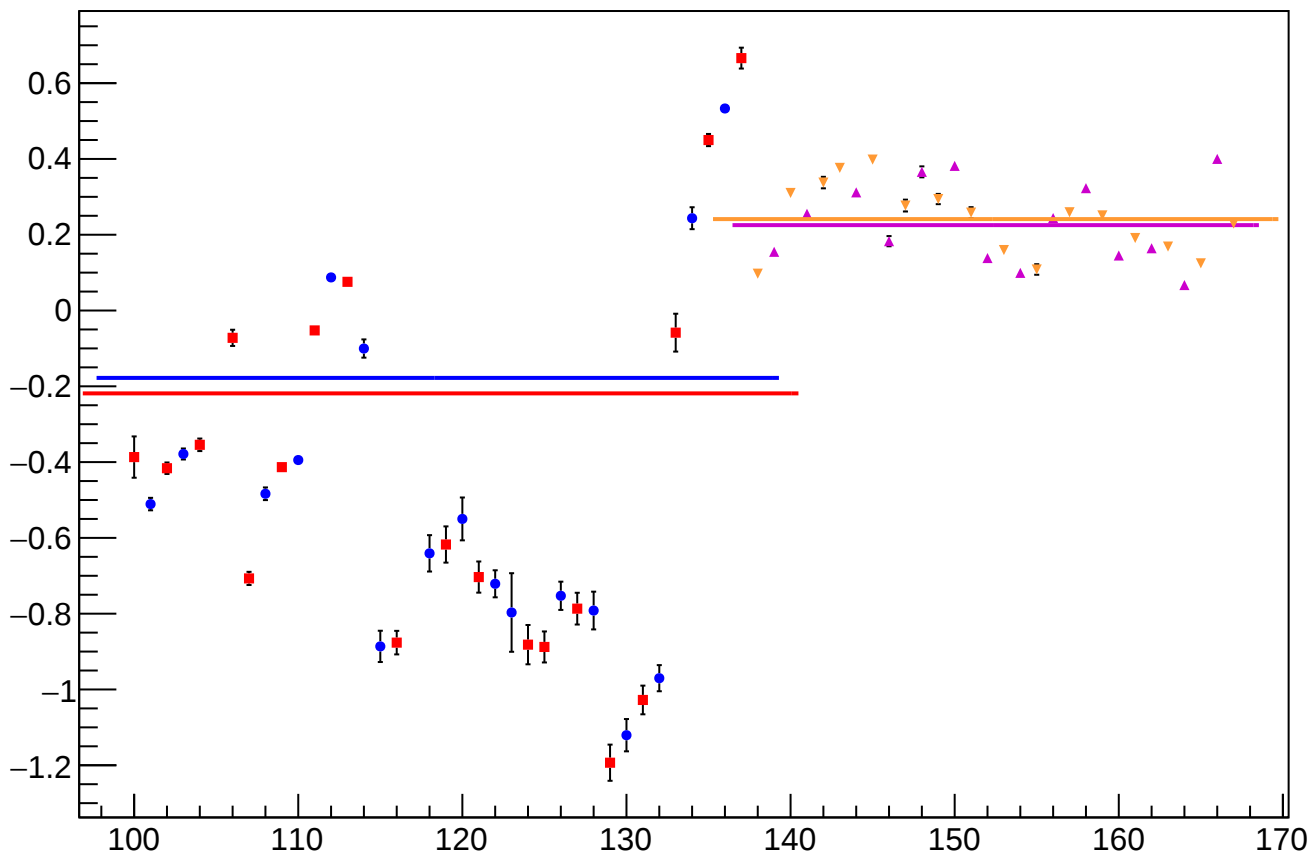
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 41.675 $\pm$ 0.053 χ^2 /NDF: 17963.1/30

Out: 40.369 $\pm$ 0.049 χ^2 /NDF: 22889.7/34

All: 40.969 $\pm$ 0.036 χ^2 /NDF: 41184.5/65

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.241 ± 0.003 χ^2/NDF : 958.4/15

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.225 ± 0.003 χ^2/NDF : 1110.1/13

Left: 0.234 ± 0.002 χ^2/NDF : 2082.7/29

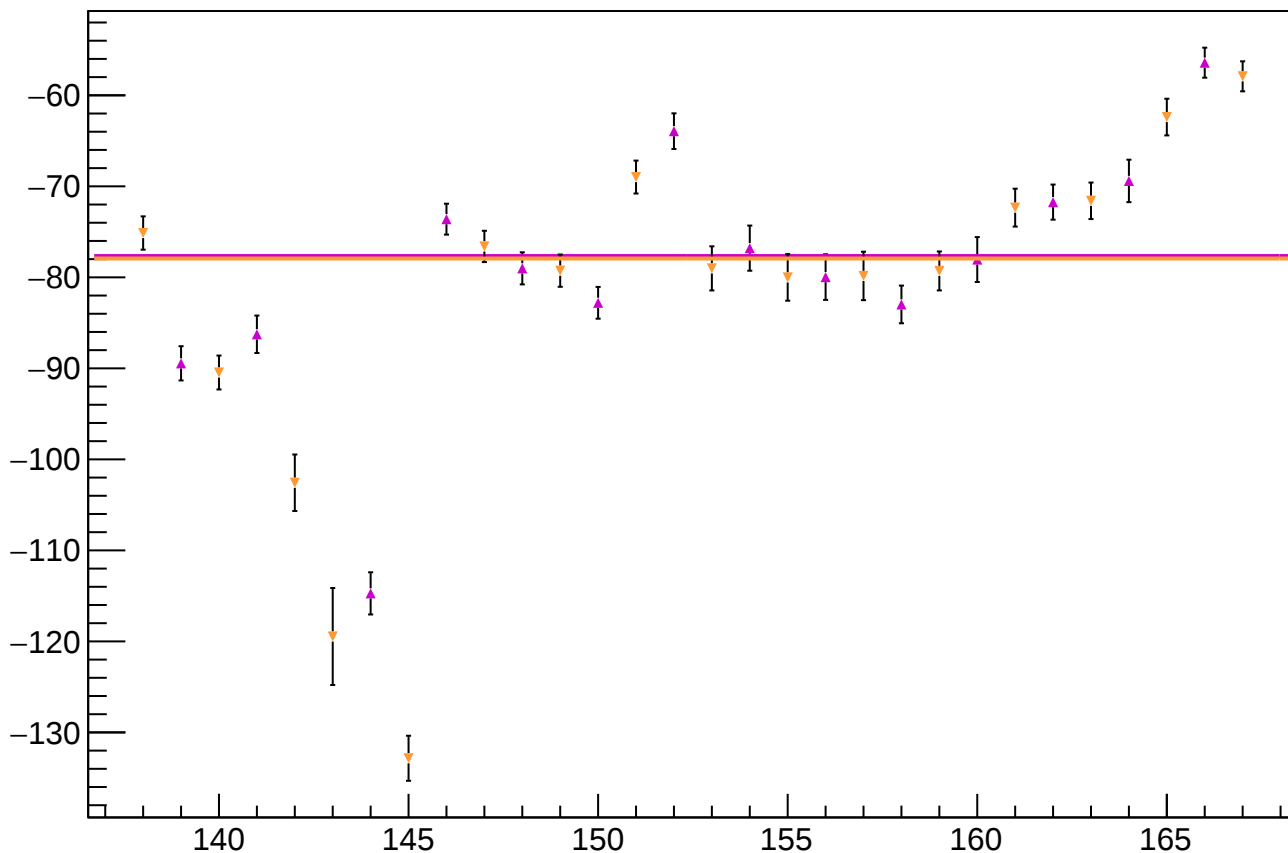
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.108 ± 0.003 χ^2/NDF : 13390.1/30

Out: 0.098 ± 0.002 χ^2/NDF : 16303.3/34

All: 0.103 ± 0.002 χ^2/NDF : 29701.4/65

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



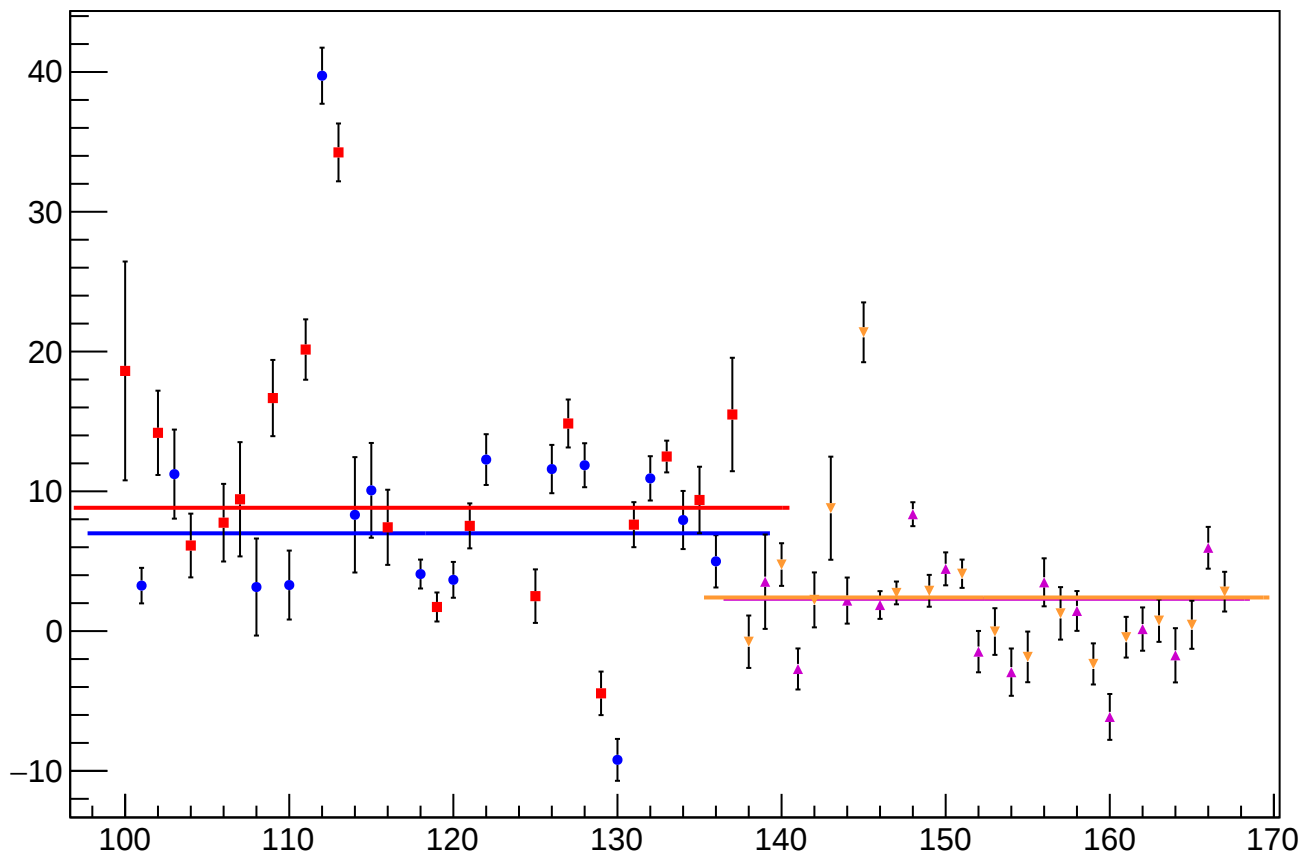
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -77.929+/-0.525 χ^2/NDF : 915.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.661+/-0.534 χ^2/NDF : 572.0/13

Left: -77.798+/-0.375 χ^2/NDF : 1487.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.661+/-0.534 χ^2/NDF : 572.0/13
 Out: -77.929+/-0.525 χ^2/NDF : 915.0/15

All: -77.798+/-0.375 χ^2/NDF : 1487.1/29

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: 2.405 ± 0.361 $\chi^2/\text{NDF}: 114.8/15$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.312 ± 0.374 $\chi^2/\text{NDF}: 121.1/13$

Left: 2.360 ± 0.260 $\chi^2/\text{NDF}: 235.9/29$

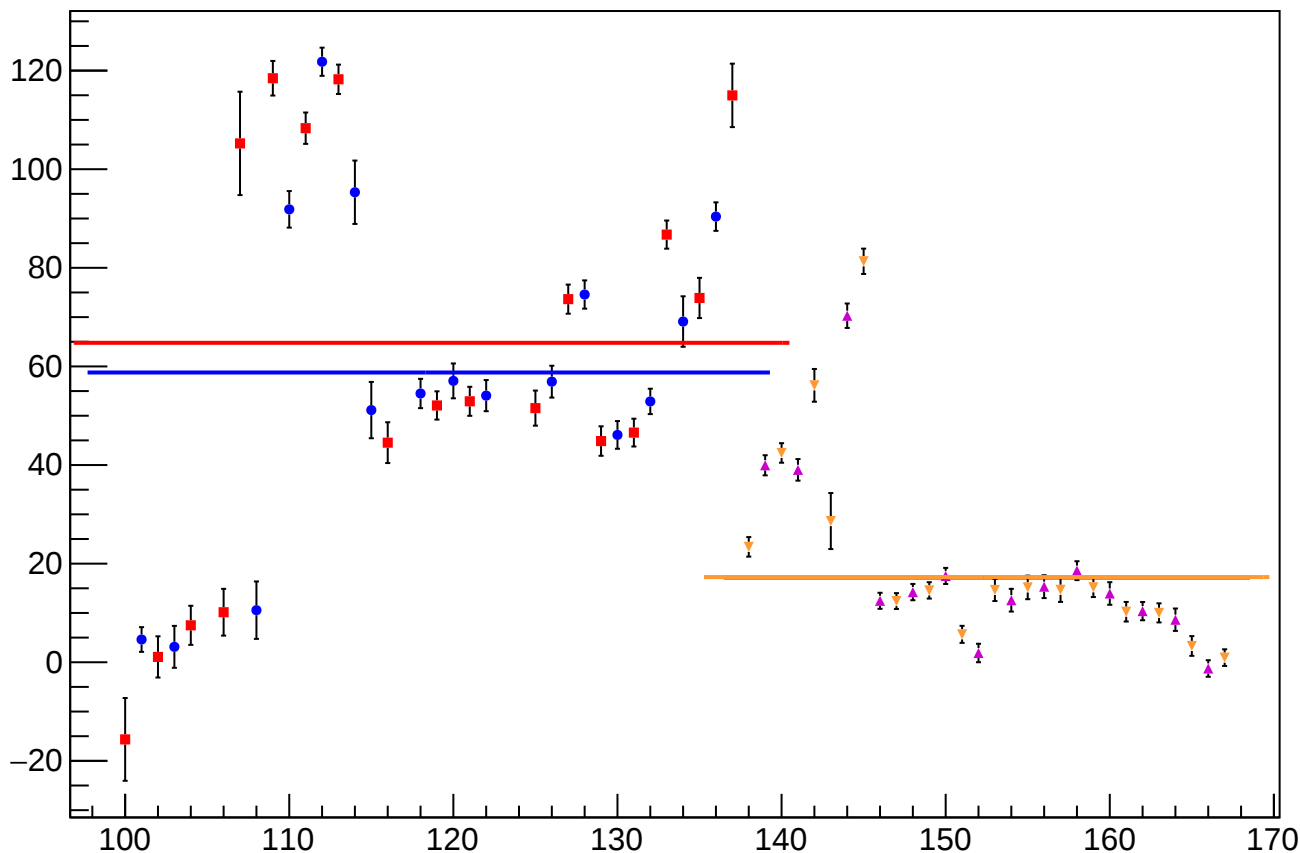
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.305 ± 0.283 $\chi^2/\text{NDF}: 633.3/29$

Out: 4.929 ± 0.281 $\chi^2/\text{NDF}: 589.3/33$

All: 4.619 ± 0.200 $\chi^2/\text{NDF}: 1225.1/63$

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: 17.274 $\pm$ 0.514 χ^2/NDF : 1163.6/15

Right Out: 64.792 $\pm$ 0.840 χ^2/NDF : 1718.1/17

Left In: 17.176 $\pm$ 0.520 χ^2/NDF : 917.2/13

Left: 17.226 $\pm$ 0.366 χ^2/NDF : 2080.8/29

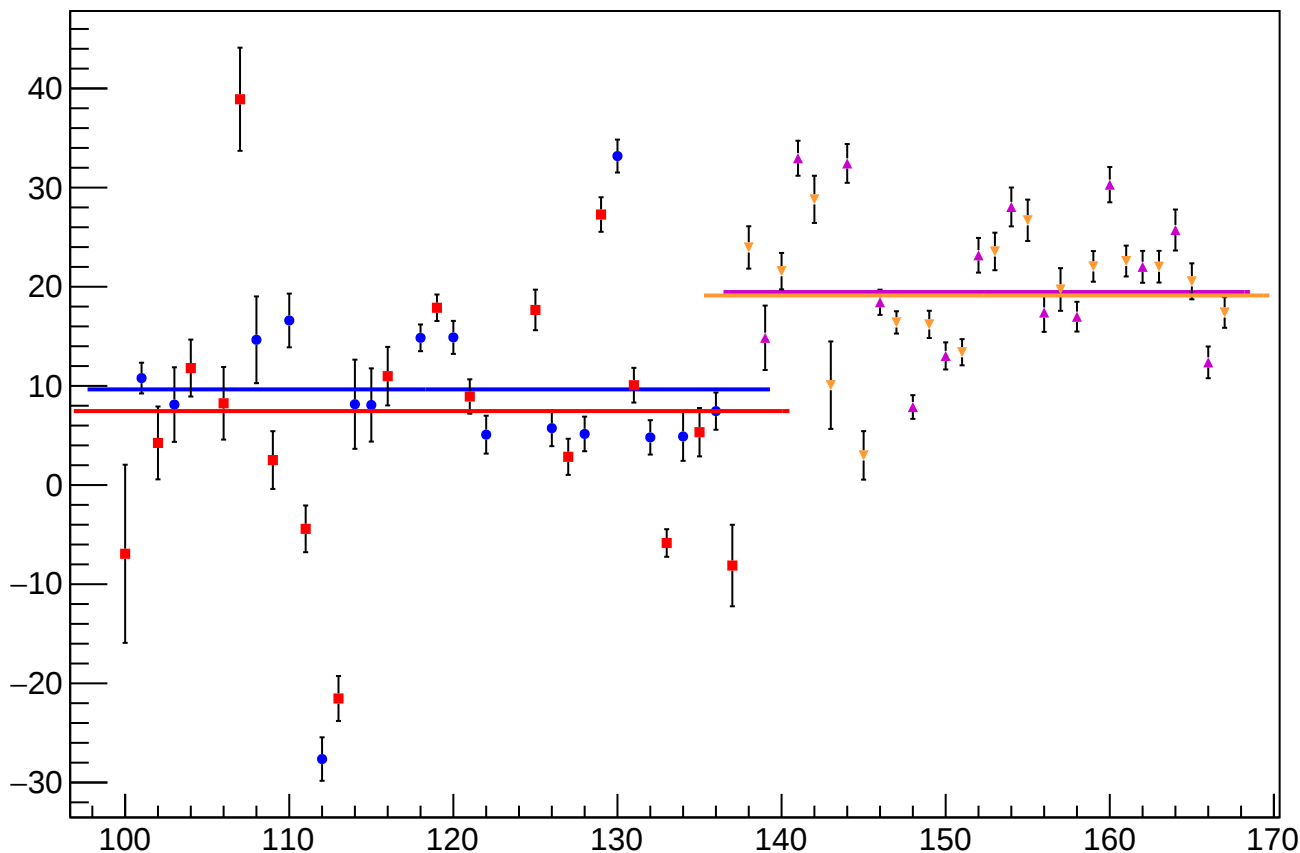
Right: 61.754 $\pm$ 0.592 χ^2/NDF : 3237.3/33

In: 28.853 $\pm$ 0.441 χ^2/NDF : 4204.2/29

Out: 30.215 $\pm$ 0.439 χ^2/NDF : 5207.5/33

All: 29.538 $\pm$ 0.311 χ^2/NDF : 9416.5/63

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 19.118 $\pm$ 0.427 χ^2 /NDF:132.9/15

Right Out: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 19.466 $\pm$ 0.441 χ^2 /NDF:317.1/13

Left: 19.287 $\pm$ 0.307 χ^2 /NDF: 450.4/29

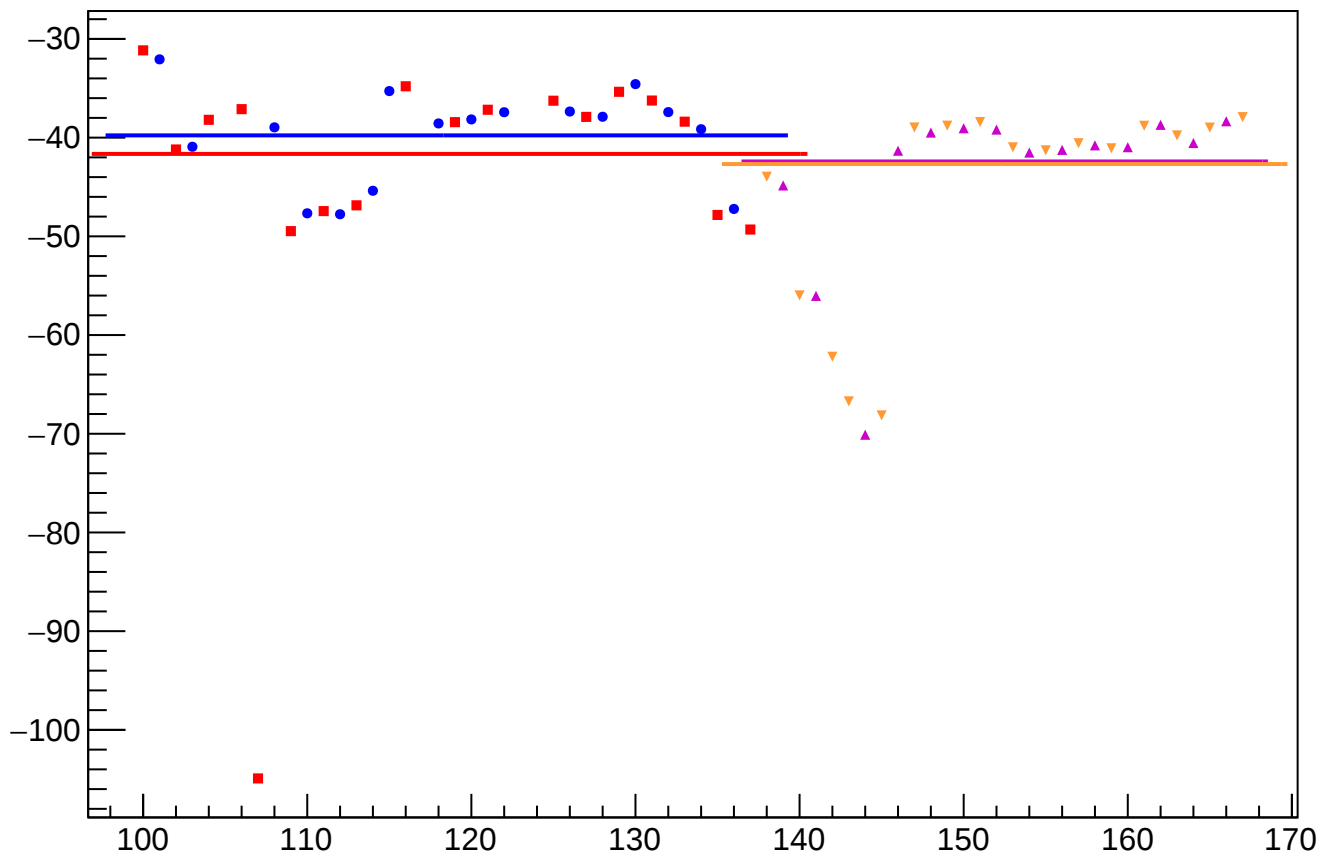
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 15.194 $\pm$ 0.331 χ^2 /NDF:1086.7/29

Out: 14.373 $\pm$ 0.329 χ^2 /NDF:1002.7/33

All: 14.781 $\pm$ 0.233 χ^2 /NDF: 2092.5/63

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -42.677 ± 0.021 $\chi^2/\text{NDF}: 140470.4/15$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -42.414 ± 0.021 $\chi^2/\text{NDF}: 102921.6/13$

Left: -42.547 ± 0.015 $\chi^2/\text{NDF}: 243473.2/29$

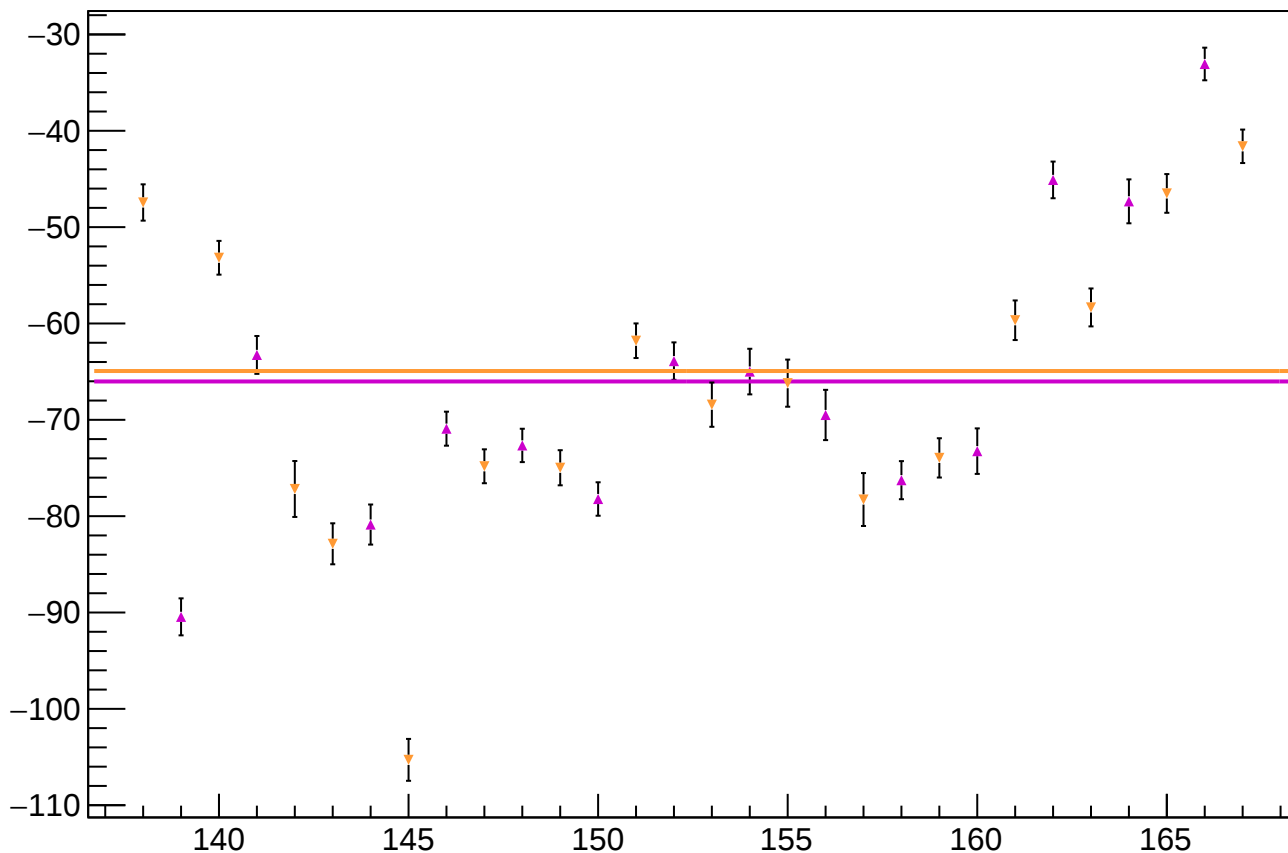
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -41.599 ± 0.017 $\chi^2/\text{NDF}: 134091.7/29$

Out: -42.366 ± 0.017 $\chi^2/\text{NDF}: 235744.9/33$

All: -41.985 ± 0.012 $\chi^2/\text{NDF}: 370828.1/63$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



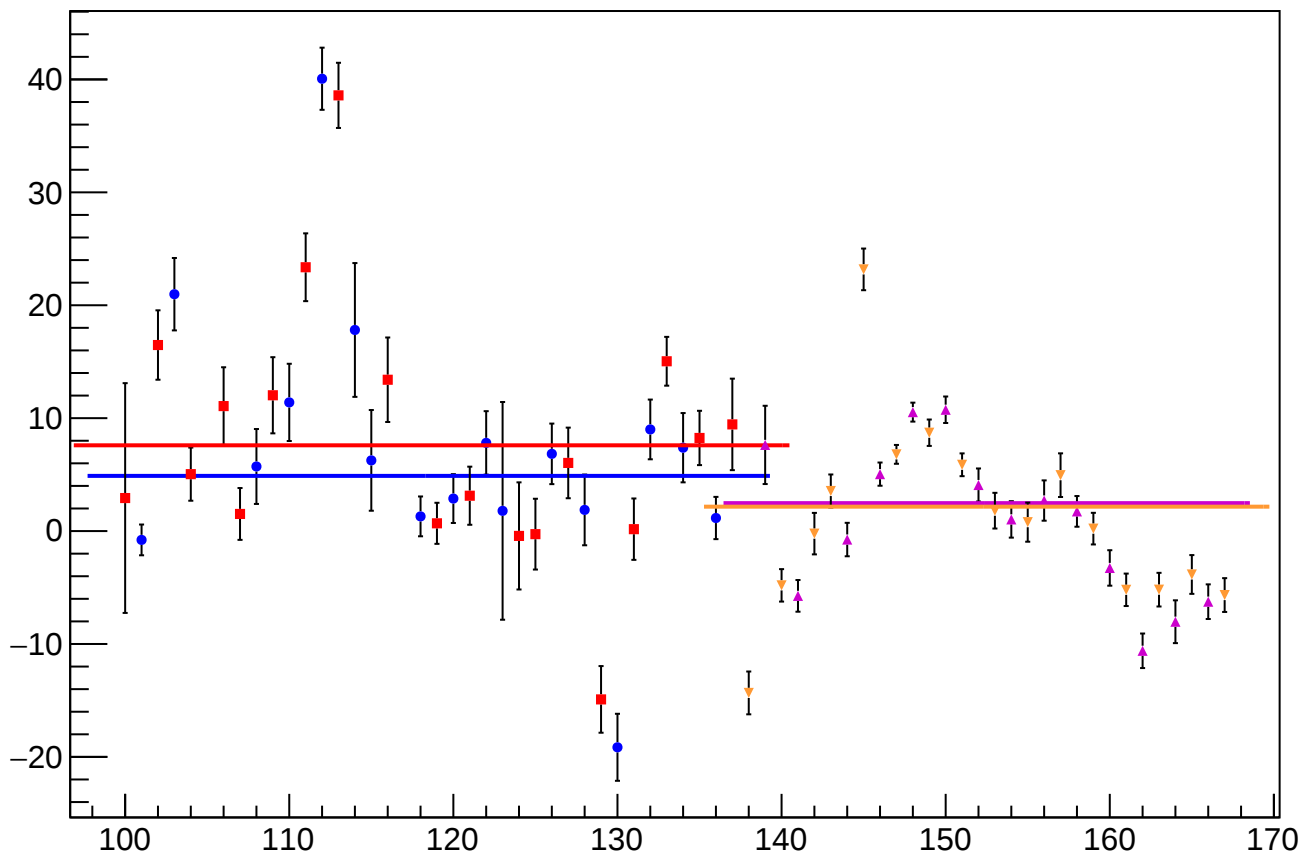
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.935+/-0.507 χ^2/NDF :957.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -66.018+/-0.528 χ^2/NDF :892.9/13

Left: -65.455+/-0.365 χ^2/NDF : 1852.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -66.018+/-0.528 χ^2/NDF :892.9/13
 Out: -64.935+/-0.507 χ^2/NDF :957.6/15

All: -65.455+/-0.365 χ^2/NDF : 1852.7/29

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.161 ± 0.349 χ^2/NDF : 402.2/15

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 2.474 ± 0.368 χ^2/NDF : 341.2/13

Left: 2.310 ± 0.253 χ^2/NDF : 743.8/29

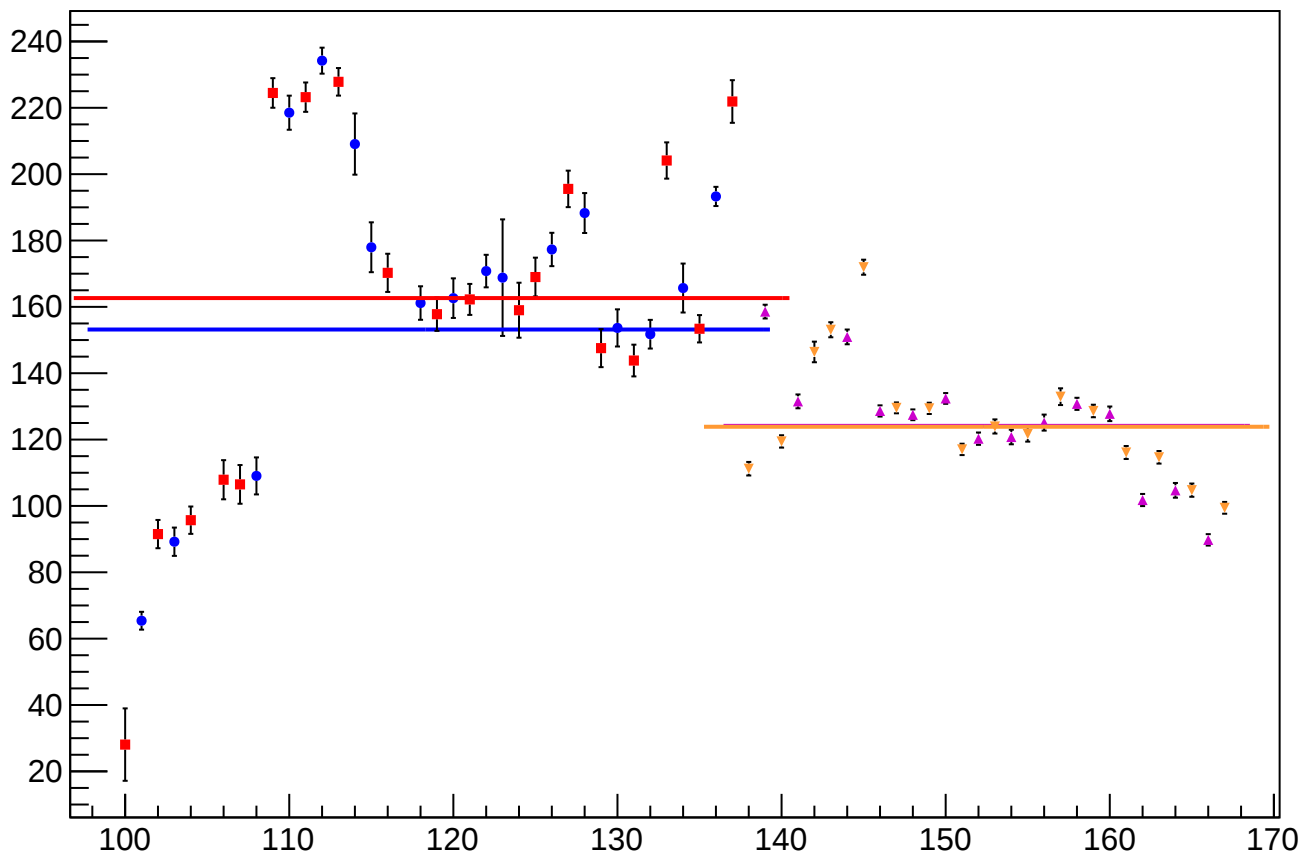
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.100 ± 0.317 χ^2/NDF : 647.1/30

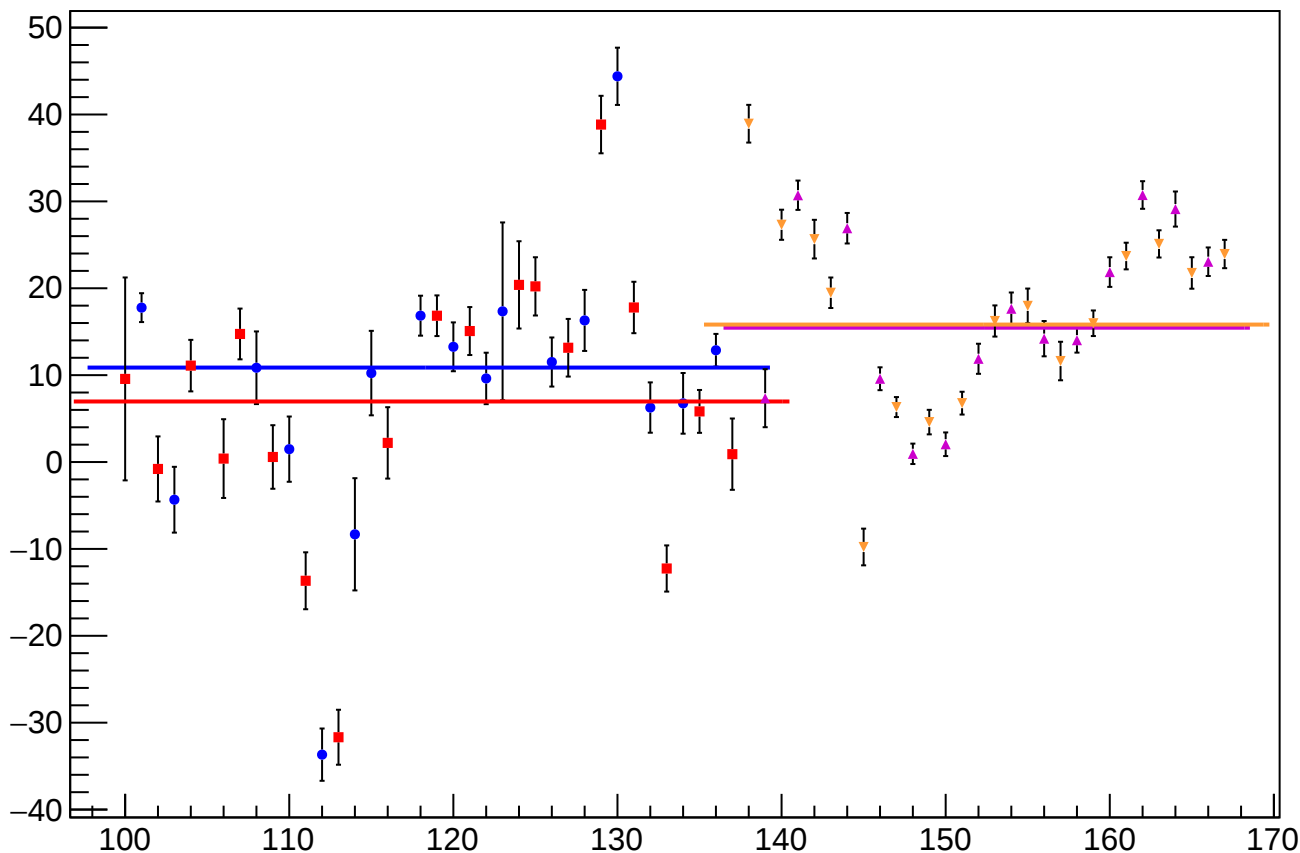
Out: 3.376 ± 0.308 χ^2/NDF : 725.7/34

All: 3.242 ± 0.221 χ^2/NDF : 1373.2/65

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.821 $\pm$ 0.413 χ^2 /NDF:608.9/15

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.462 $\pm$ 0.434 χ^2 /NDF:580.6/13

Left: 15.651 $\pm$ 0.299 χ^2 /NDF: 1189.9/29

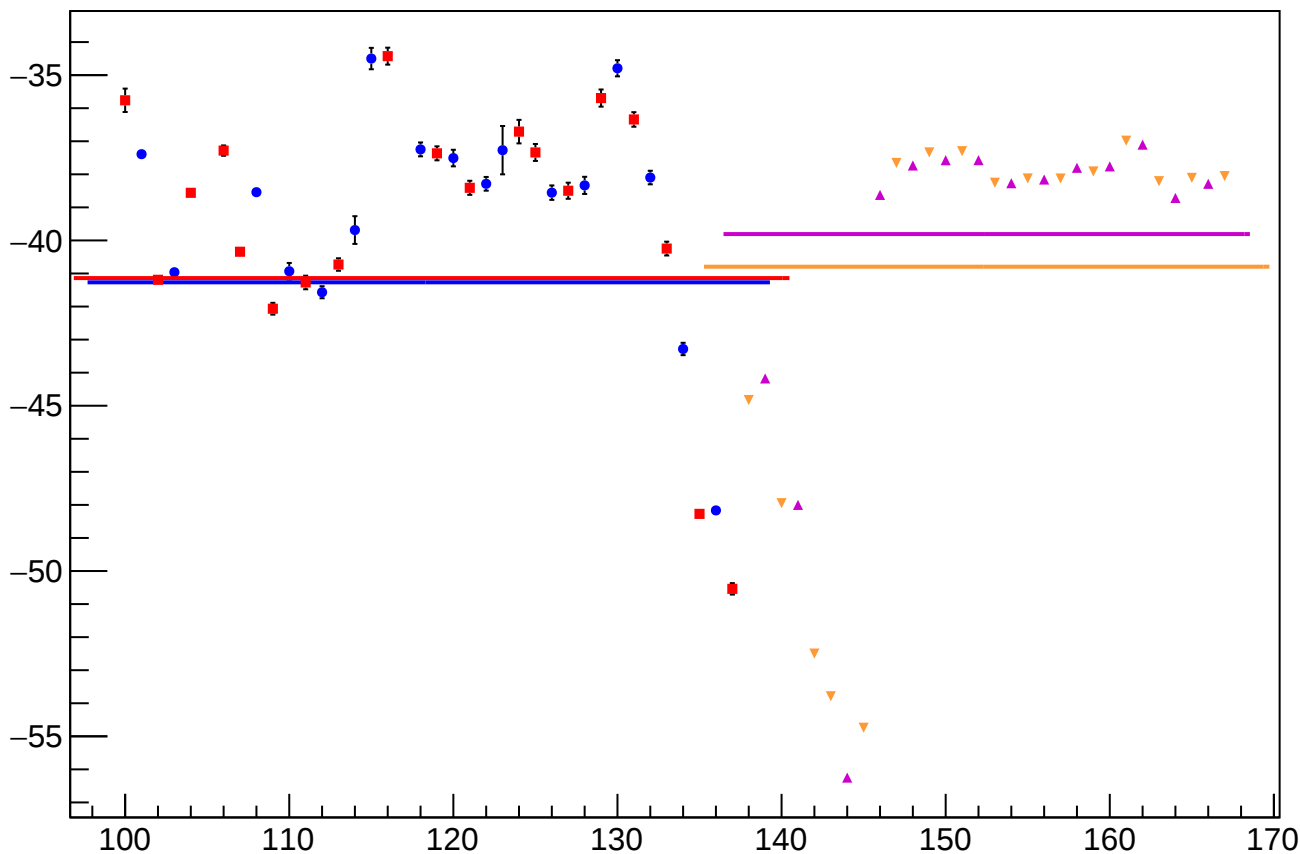
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.226 $\pm$ 0.371 χ^2 /NDF:997.5/30

Out: 13.754 $\pm$ 0.361 χ^2 /NDF:1138.7/34

All: 13.984 $\pm$ 0.259 χ^2 /NDF: 2137.0/65

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -40.794 ± 0.020 χ^2/NDF : 80852.5/15

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -39.808 ± 0.021 χ^2/NDF : 48865.8/13

Left: -40.316 ± 0.014 χ^2/NDF : 130912.3/29

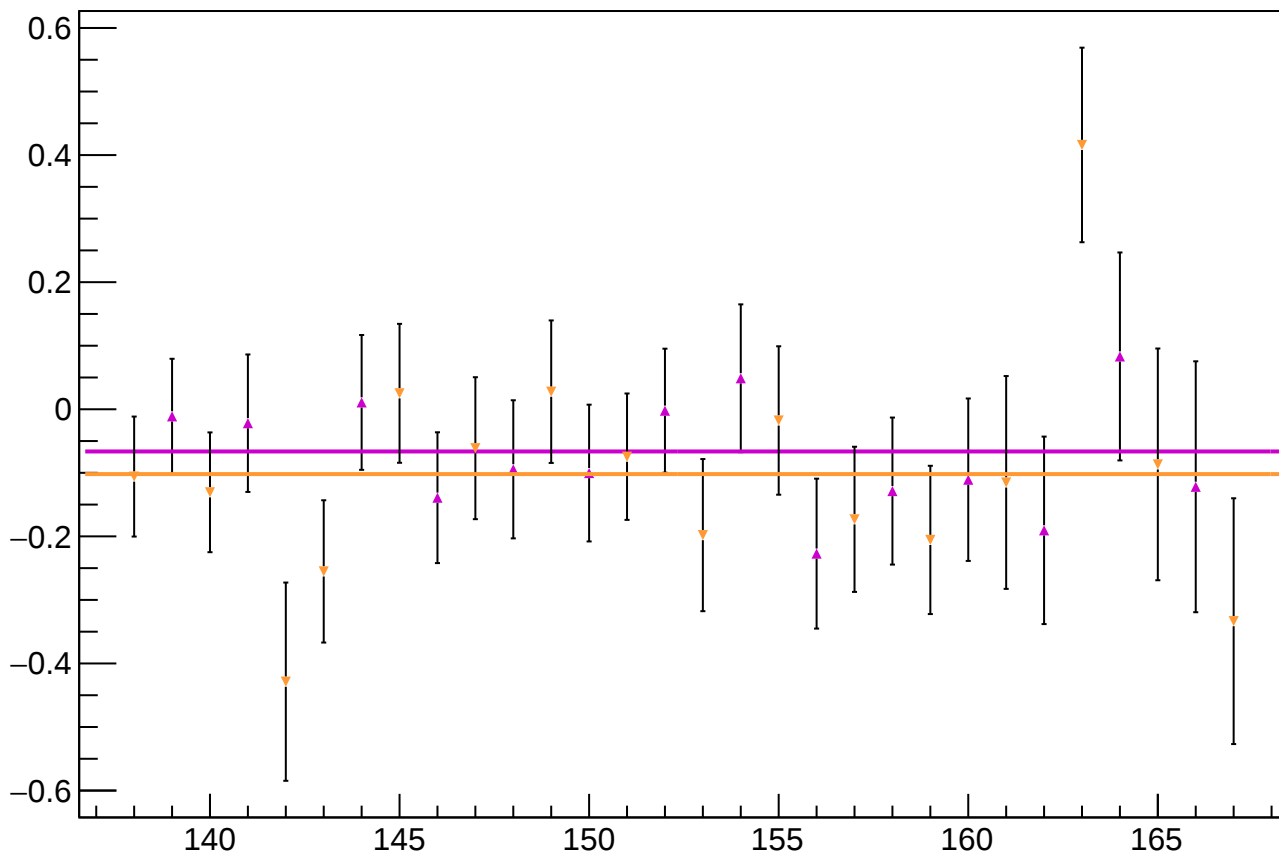
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -40.130 ± 0.018 χ^2/NDF : 62566.0/30

Out: -40.866 ± 0.018 χ^2/NDF : 93157.9/34

All: -40.507 ± 0.013 χ^2/NDF : 156572.3/65

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: -0.102 $\pm$ 0.030 χ^2 /NDF:24.5/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13

Left: -0.085 $\pm$ 0.021 χ^2 /NDF: 32.2/29

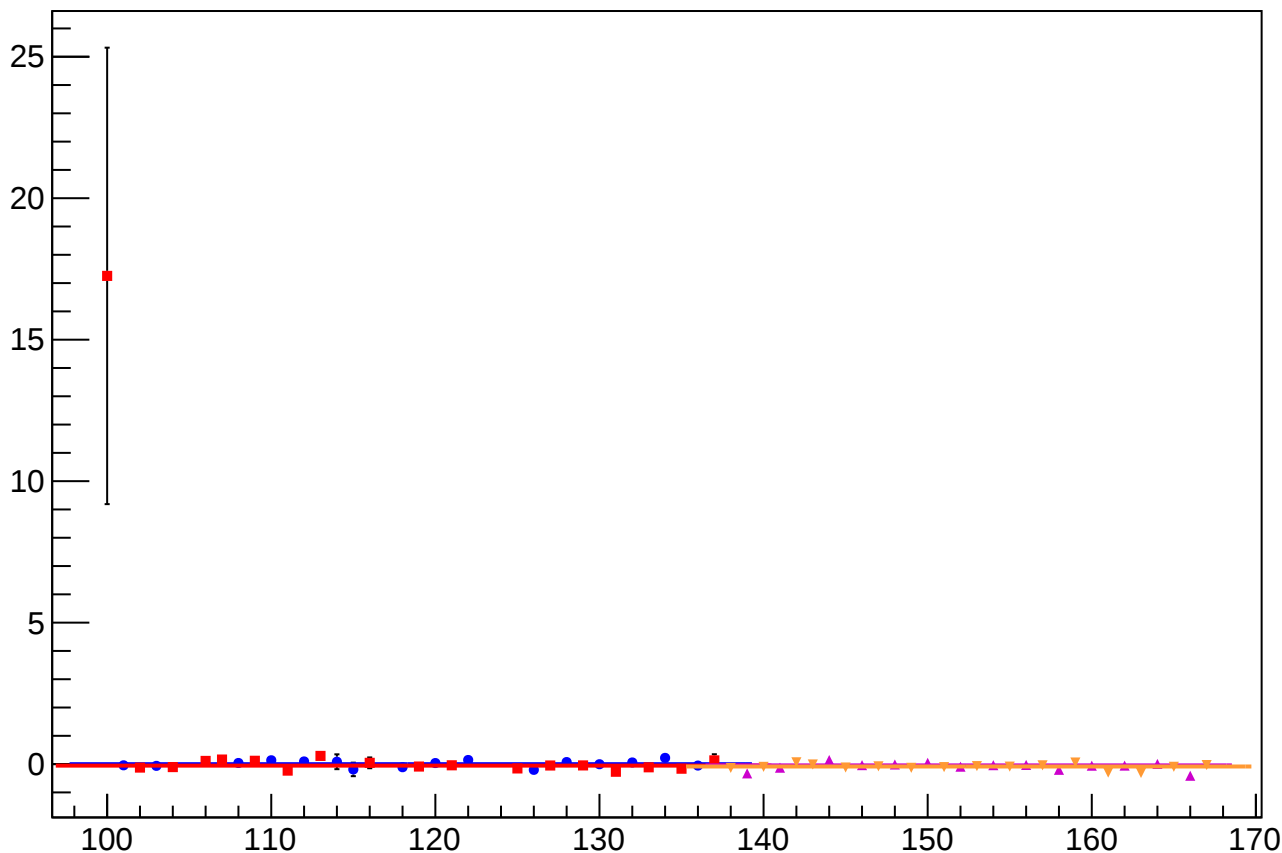
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13

Out: -0.102 $\pm$ 0.030 χ^2 /NDF:24.5/15

All: -0.085 $\pm$ 0.021 χ^2 /NDF: 32.2/29

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.084 ± 0.021 χ^2/NDF : 14.7/15

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.045 ± 0.022 χ^2/NDF : 20.9/13

Left: -0.065 ± 0.015 χ^2/NDF : 37.3/29

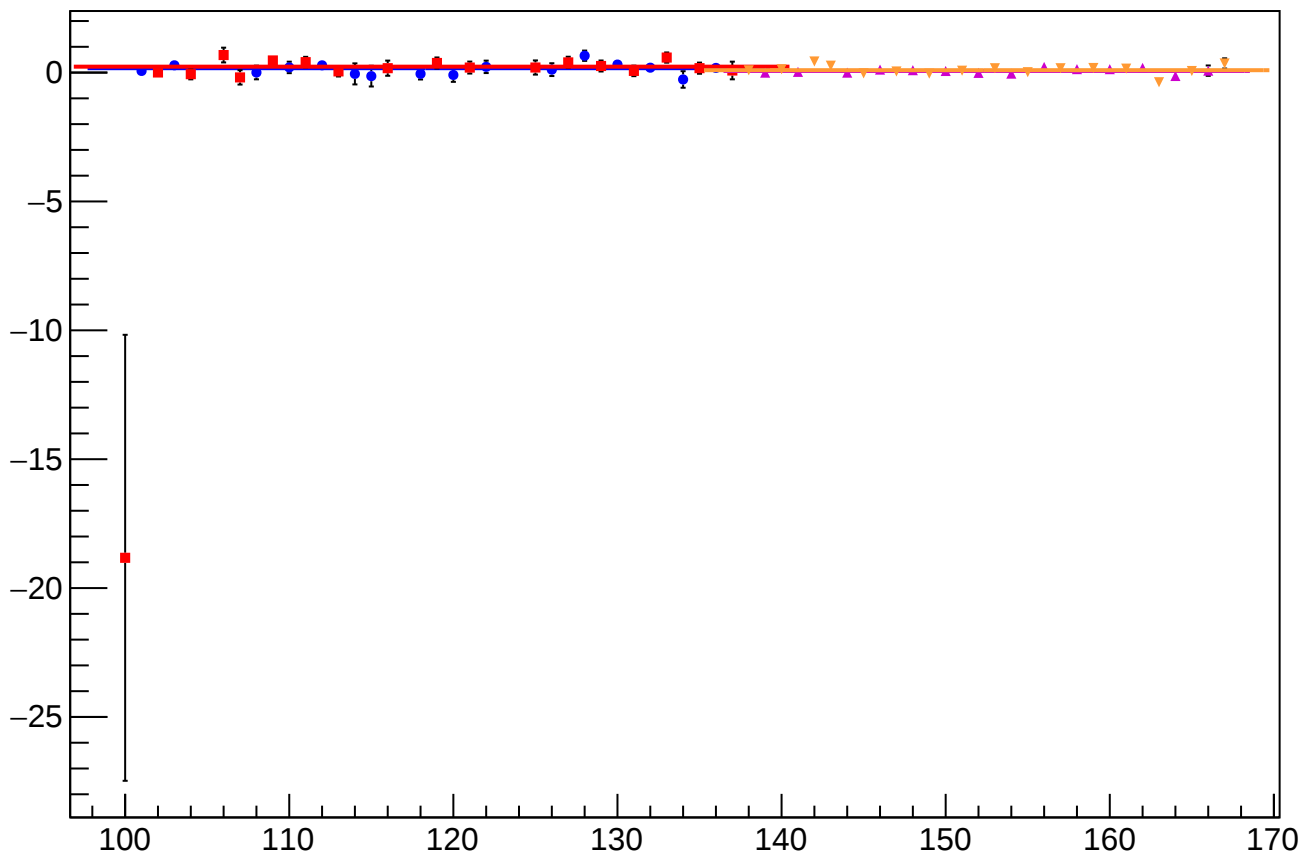
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.029 ± 0.017 χ^2/NDF : 34.4/29

Out: -0.074 ± 0.017 χ^2/NDF : 41.0/33

All: -0.052 ± 0.012 χ^2/NDF : 78.8/63

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: 0.092 $\pm$ 0.029 χ^2 /NDF:23.5/15

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.062 $\pm$ 0.030 χ^2 /NDF:7.8/13

Left: 0.078 $\pm$ 0.021 χ^2 /NDF: 31.8/29

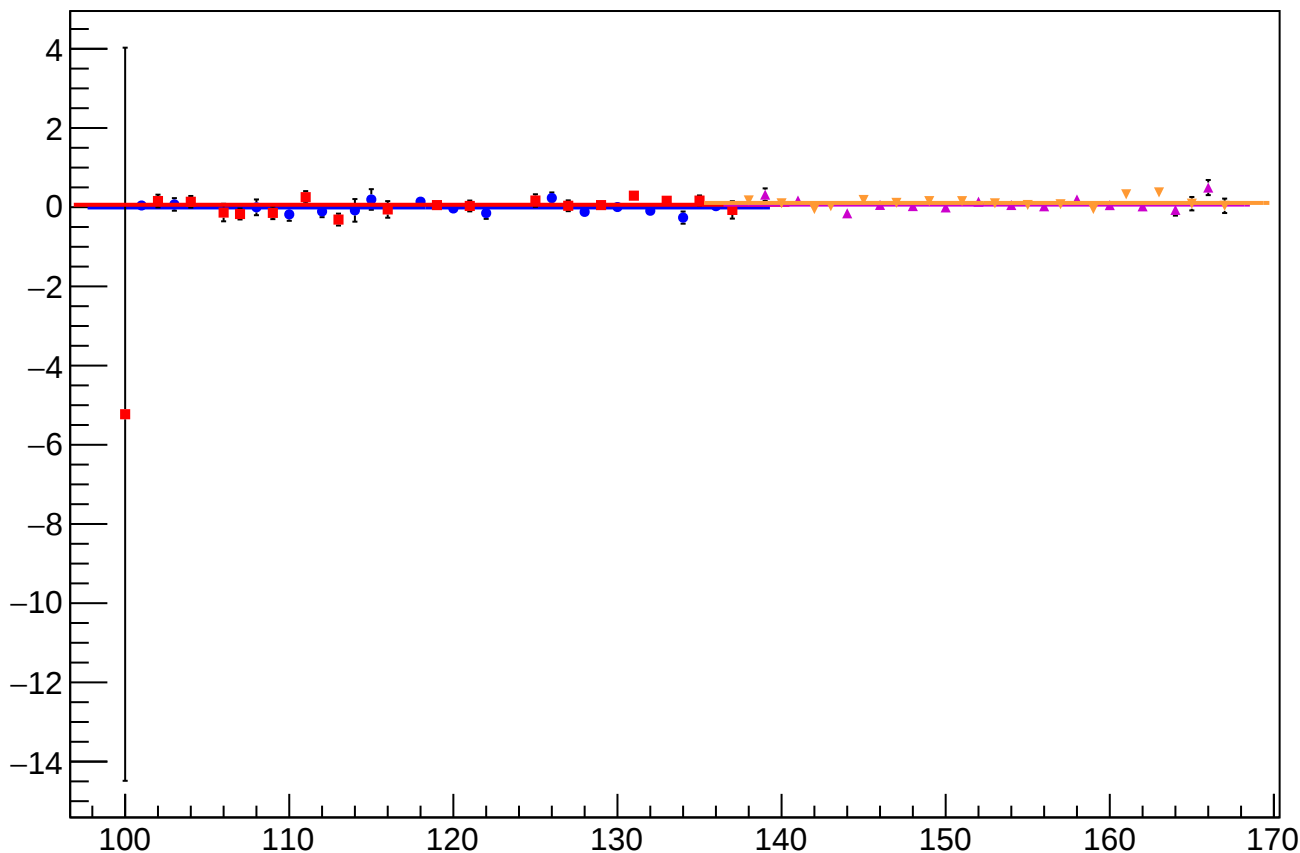
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.089 $\pm$ 0.026 χ^2 /NDF:24.0/29

Out: 0.124 $\pm$ 0.026 χ^2 /NDF:50.1/33

All: 0.107 $\pm$ 0.018 χ^2 /NDF: 75.1/63

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.108 ± 0.025 χ^2/NDF : 15.5/15

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.065 ± 0.026 χ^2/NDF : 20.1/13

Left: 0.087 ± 0.018 χ^2/NDF : 37.1/29

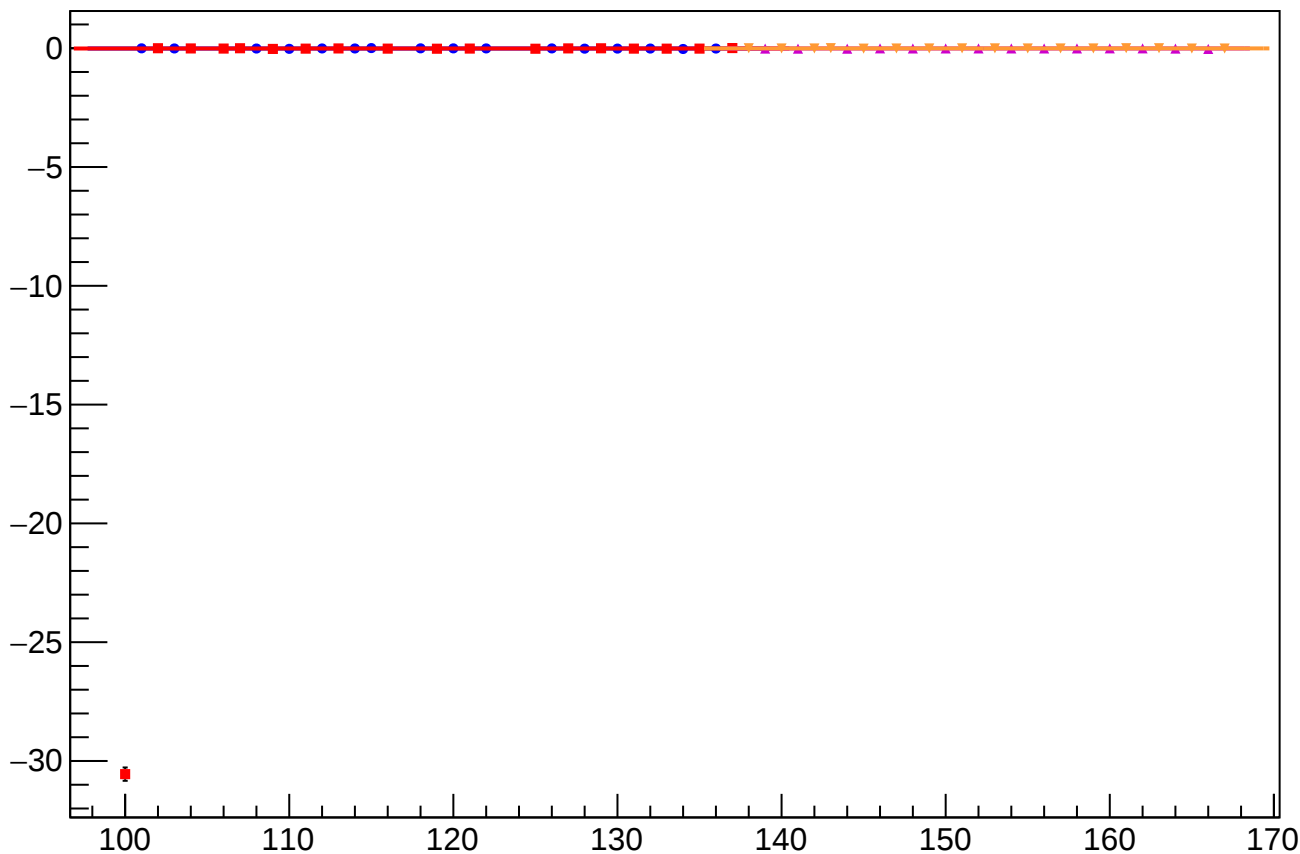
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.038 ± 0.020 χ^2/NDF : 36.3/29

Out: 0.092 ± 0.020 χ^2/NDF : 37.1/33

All: 0.065 ± 0.014 χ^2/NDF : 77.1/63

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 17.3/15

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.011 ± 0.001 χ^2/NDF : 17.0/13

Left: -0.009 ± 0.001 χ^2/NDF : 38.5/29

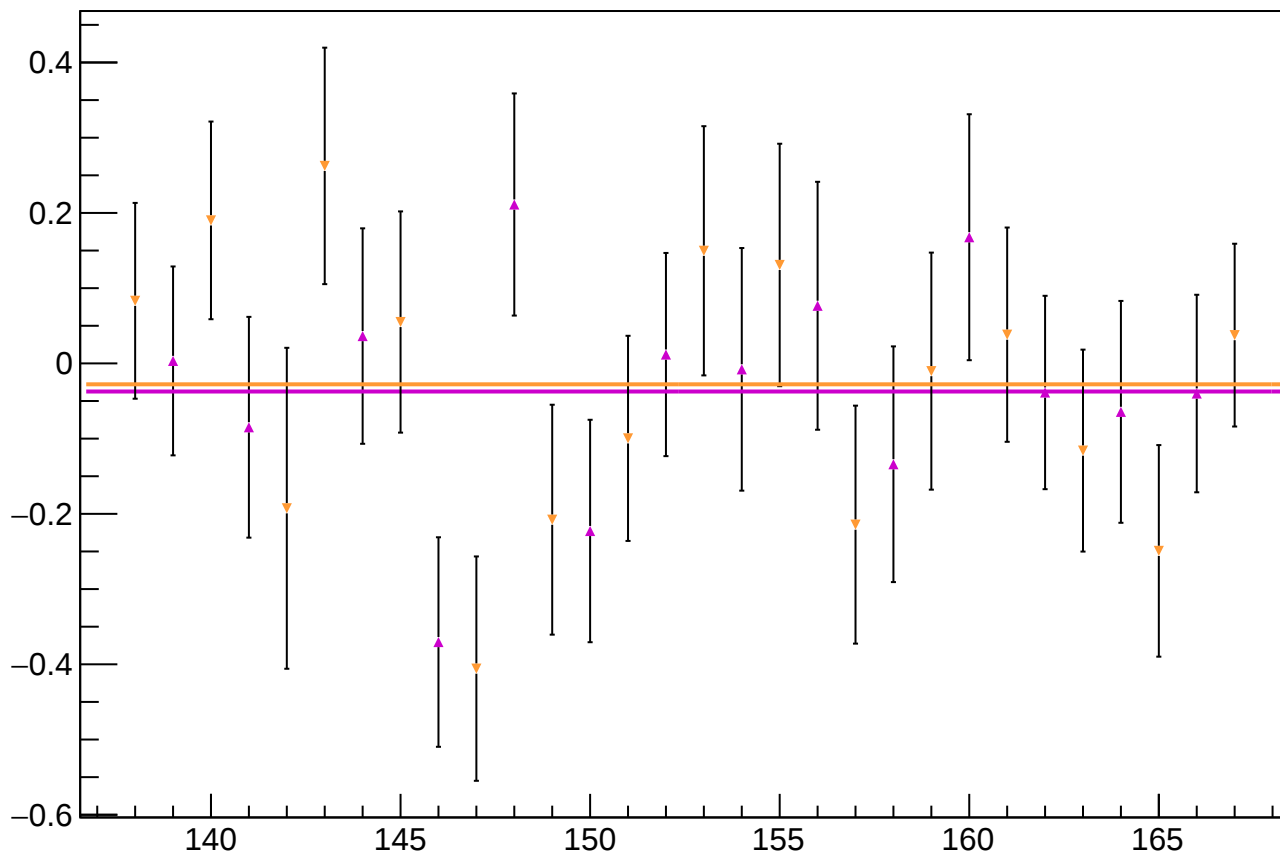
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.011 ± 0.001 χ^2/NDF : 30.0/29

Out: -0.009 ± 0.001 χ^2/NDF : 11911.9/33

All: -0.010 ± 0.001 χ^2/NDF : 11944.7/63

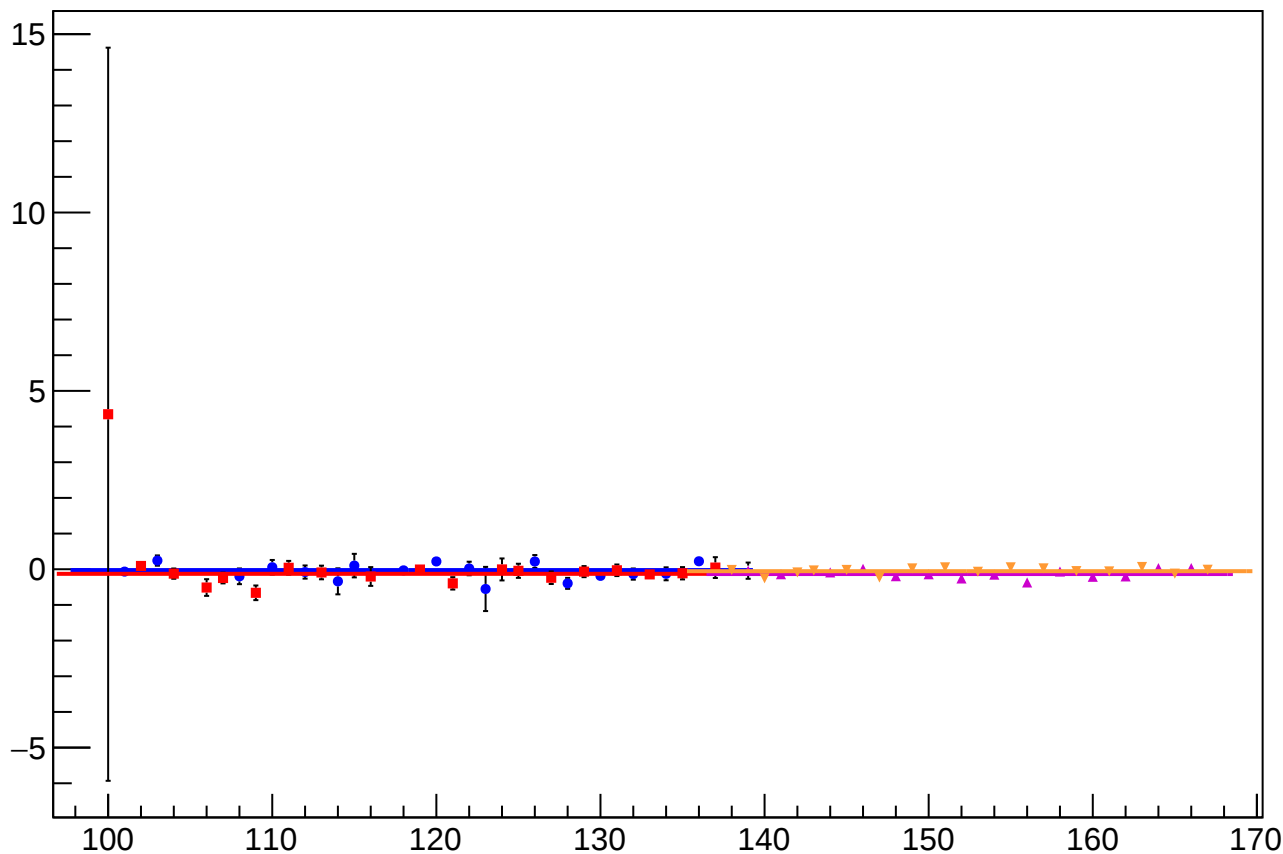
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.028 $\pm$ 0.037 χ^2 /NDF:22.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.037 $\pm$ 0.039 χ^2 /NDF:13.2/13

Left: -0.032 $\pm$ 0.027 χ^2 /NDF: 36.1/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.037 $\pm$ 0.039 χ^2 /NDF:13.2/13
 Out: -0.028 $\pm$ 0.037 χ^2 /NDF:22.8/15
 All: -0.032 $\pm$ 0.027 χ^2 /NDF: 36.1/29

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: -0.054 ± 0.026 $\chi^2/\text{NDF}: 15.7/15$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.134 ± 0.028 $\chi^2/\text{NDF}: 15.2/13$

Left: -0.092 ± 0.019 $\chi^2/\text{NDF}: 35.4/29$

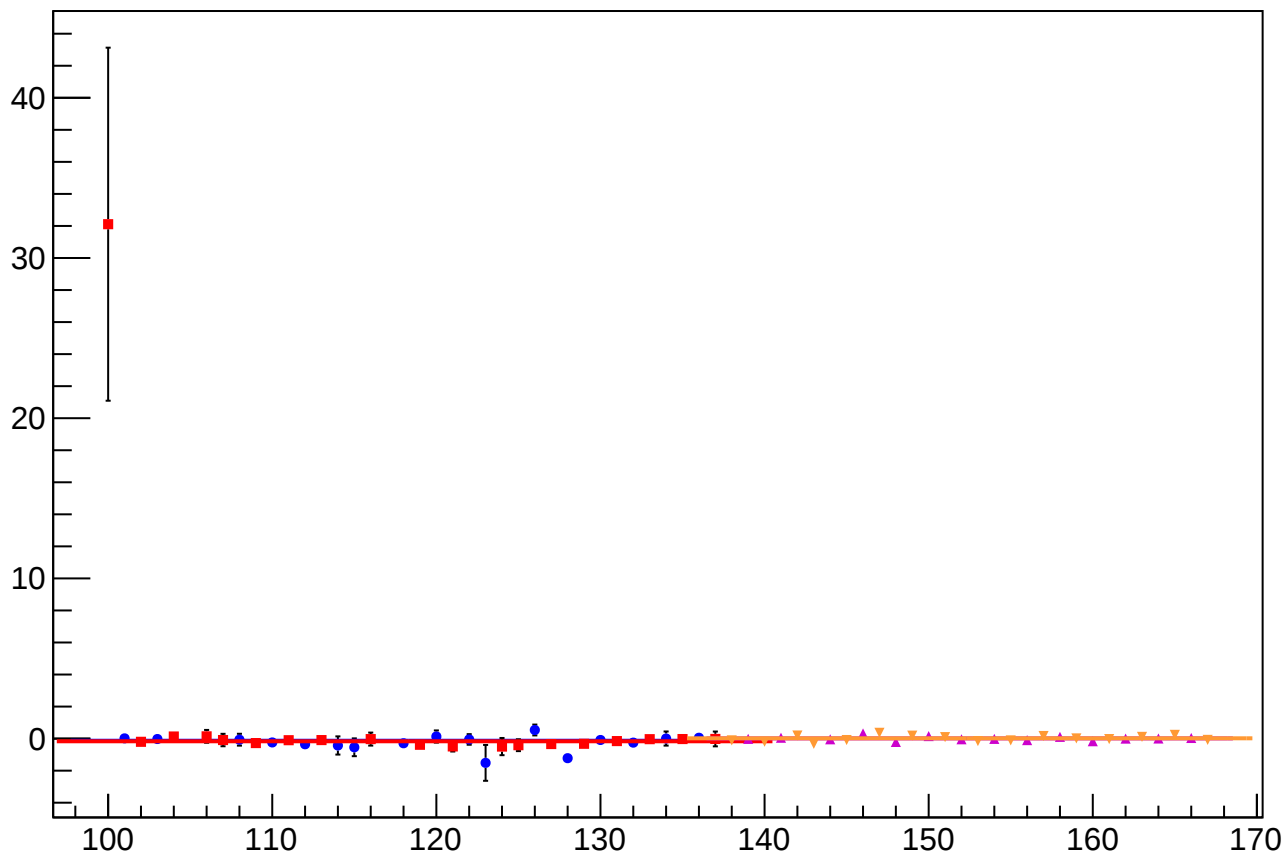
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.094 ± 0.022 $\chi^2/\text{NDF}: 43.5/30$

Out: -0.077 ± 0.022 $\chi^2/\text{NDF}: 37.0/34$

All: -0.085 ± 0.015 $\chi^2/\text{NDF}: 80.8/65$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.019 ± 0.036 $\chi^2/\text{NDF}: 22.8/15$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.013 ± 0.038 $\chi^2/\text{NDF}: 11.9/13$

Left: 0.016 ± 0.026 $\chi^2/\text{NDF}: 34.7/29$

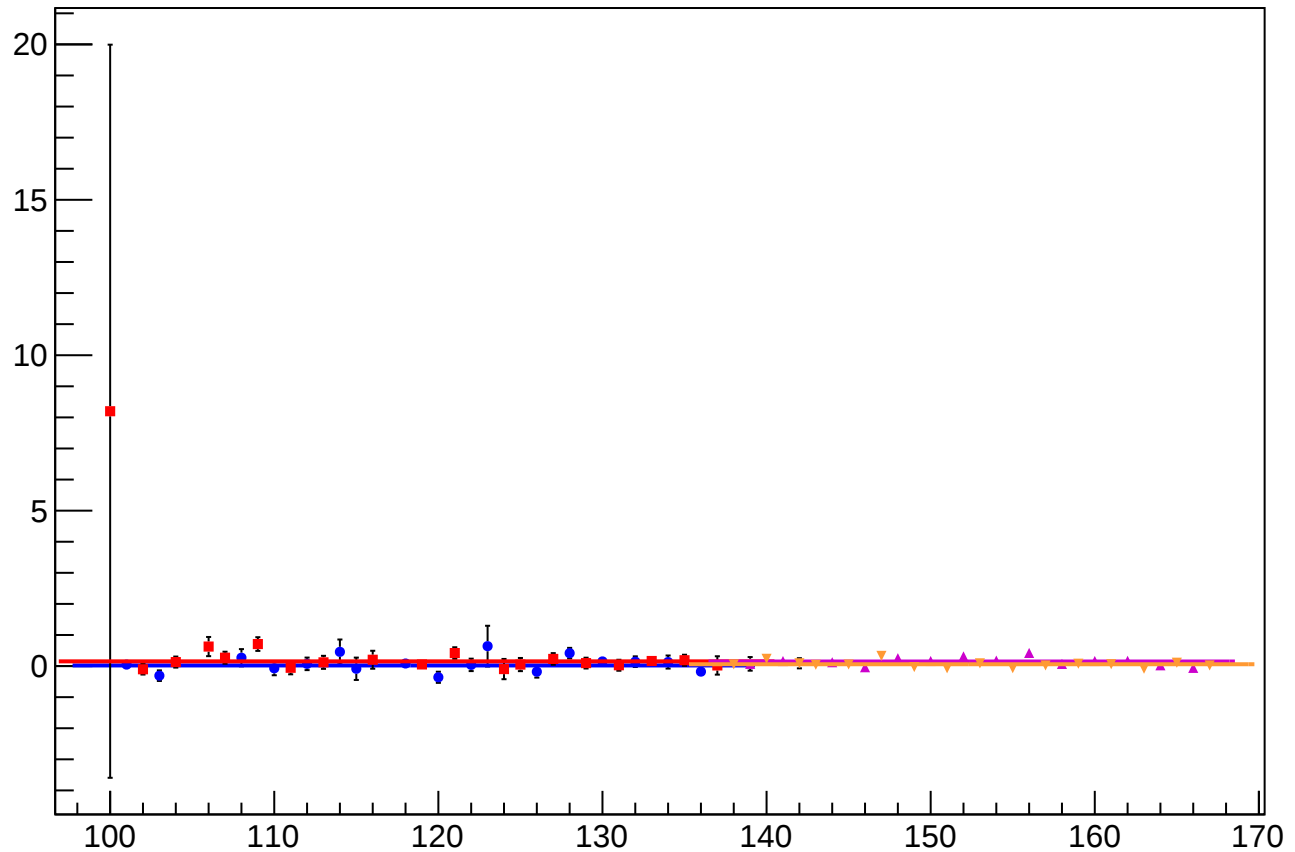
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.022 ± 0.033 $\chi^2/\text{NDF}: 41.2/30$

Out: -0.019 ± 0.032 $\chi^2/\text{NDF}: 43.0/34$

All: -0.020 ± 0.023 $\chi^2/\text{NDF}: 84.2/65$

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: 0.059 $\pm$ 0.030 χ^2 /NDF:14.9/15

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.147 $\pm$ 0.032 χ^2 /NDF:14.9/13

Left: 0.100 $\pm$ 0.022 χ^2 /NDF: 33.7/29

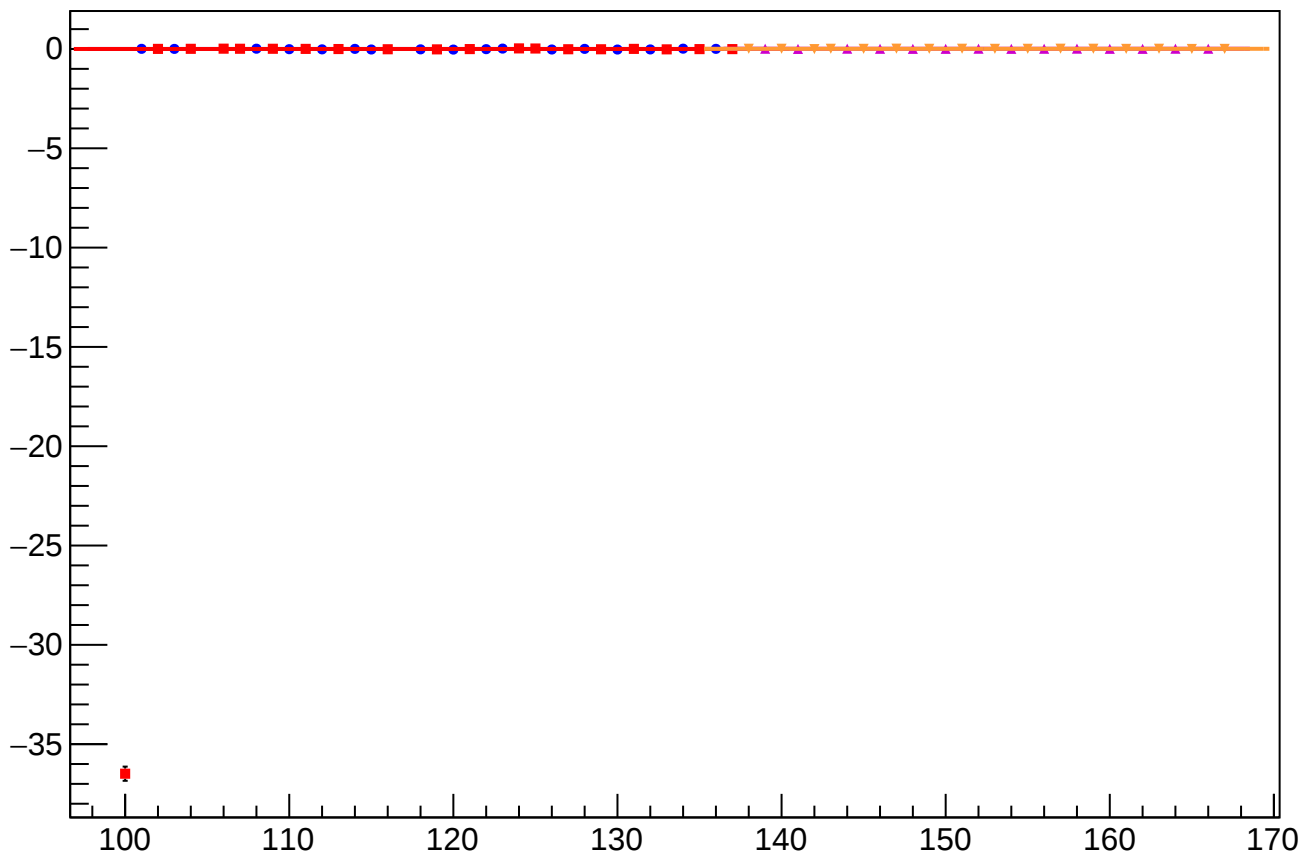
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.100 $\pm$ 0.026 χ^2 /NDF:42.4/30

Out: 0.088 $\pm$ 0.025 χ^2 /NDF:35.1/34

All: 0.094 $\pm$ 0.018 χ^2 /NDF: 77.6/65

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 9.6/15

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 5.9/13

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 16.0/29

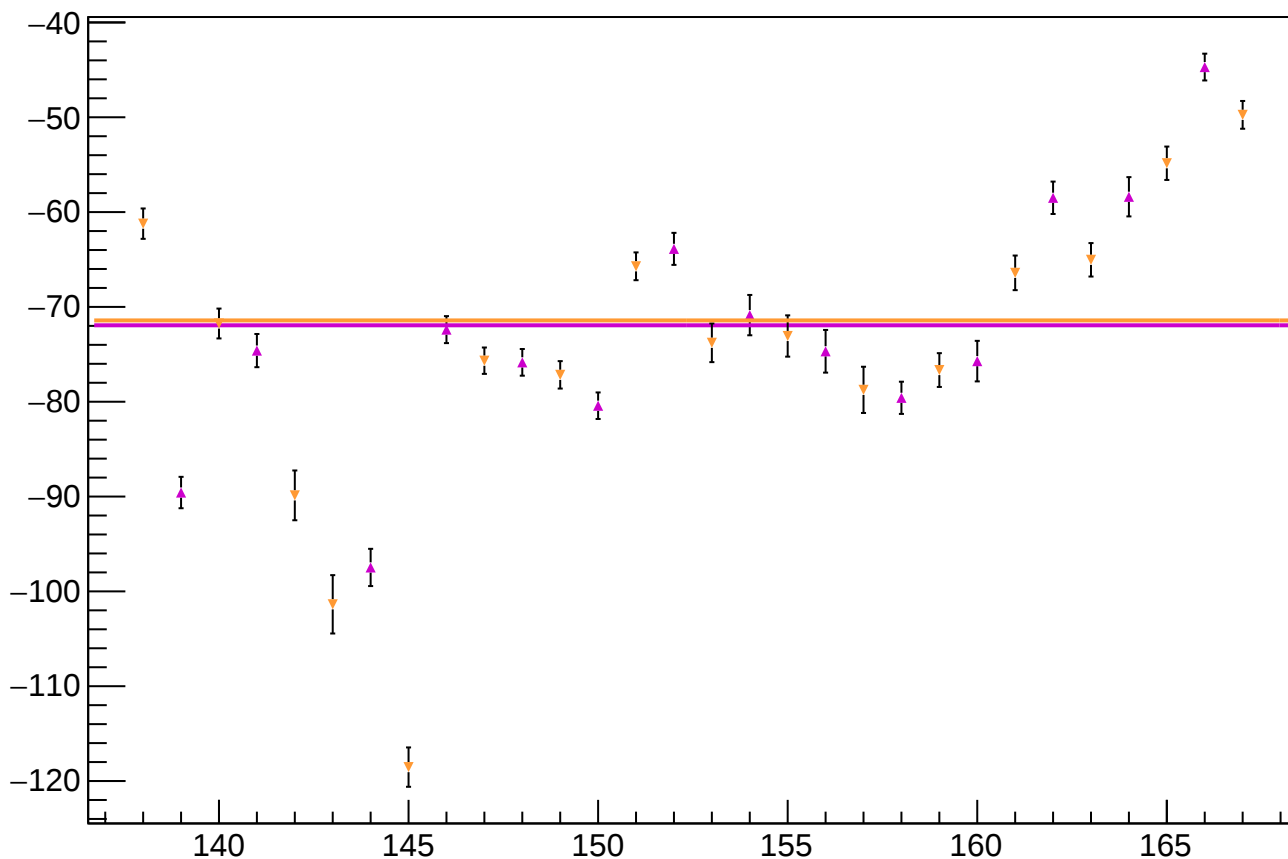
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 52.4/30

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10469.8/34

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10522.4/65

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: -71.425+/-0.444 χ^2/NDF :1087.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.939+/-0.453 χ^2/NDF :854.0/13

Left: -71.677+/-0.317 χ^2/NDF : 1942.5/29

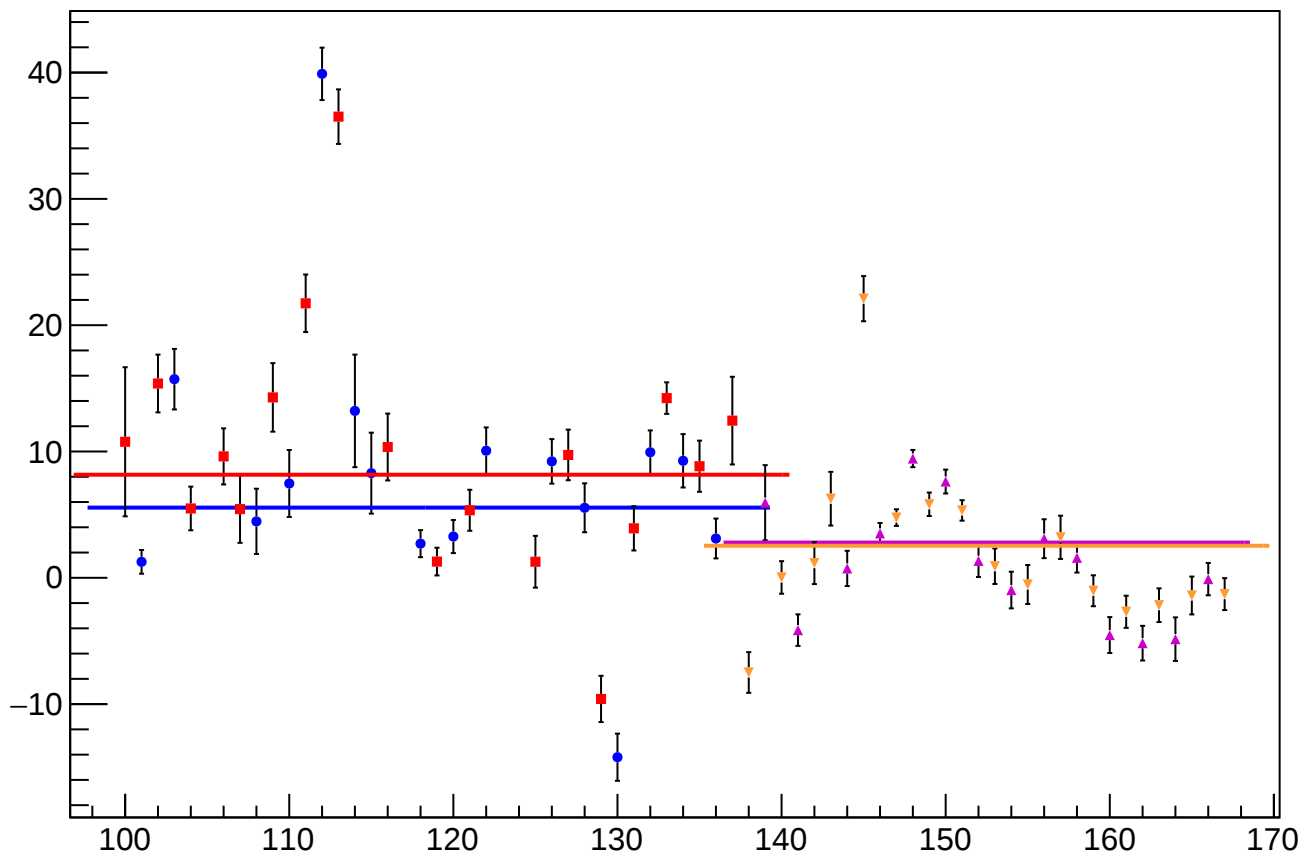
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.939+/-0.453 χ^2/NDF :854.0/13

Out: -71.425+/-0.444 χ^2/NDF :1087.8/15

All: -71.677+/-0.317 χ^2/NDF : 1942.5/29

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.538 ± 0.301 $\chi^2/\text{NDF}: 261.2/15$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.791 ± 0.313 $\chi^2/\text{NDF}: 250.3/13$

Left: 2.660 ± 0.217 $\chi^2/\text{NDF}: 511.8/29$

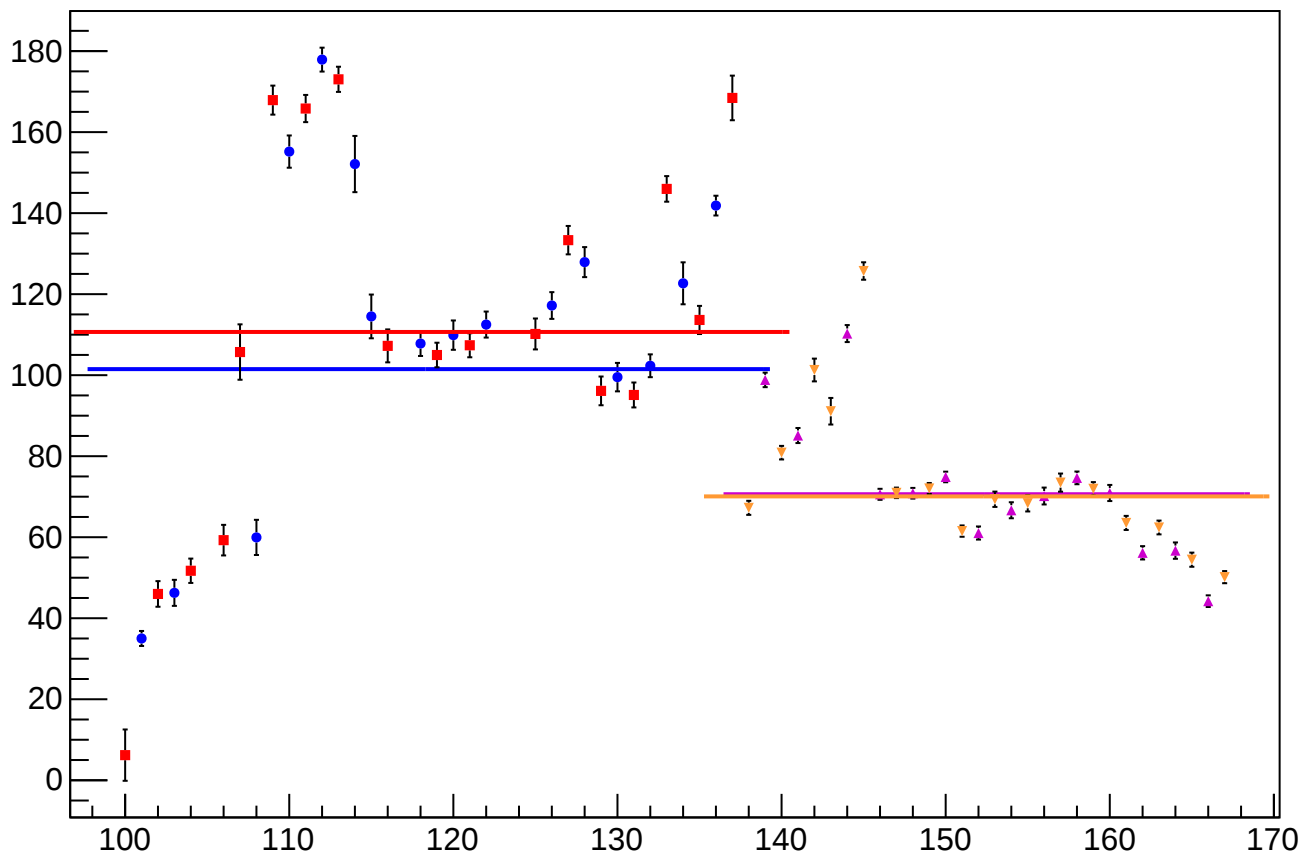
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.766 ± 0.252 $\chi^2/\text{NDF}: 739.9/29$

Out: 4.258 ± 0.251 $\chi^2/\text{NDF}: 775.1/33$

All: 4.013 ± 0.178 $\chi^2/\text{NDF}: 1516.9/63$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 70.076 $\pm$ 0.434 χ^2 /NDF:1210.6/15

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 70.610 $\pm$ 0.441 χ^2 /NDF:1183.3/13

Left: 70.339 $\pm$ 0.309 χ^2 /NDF: 2394.7/29

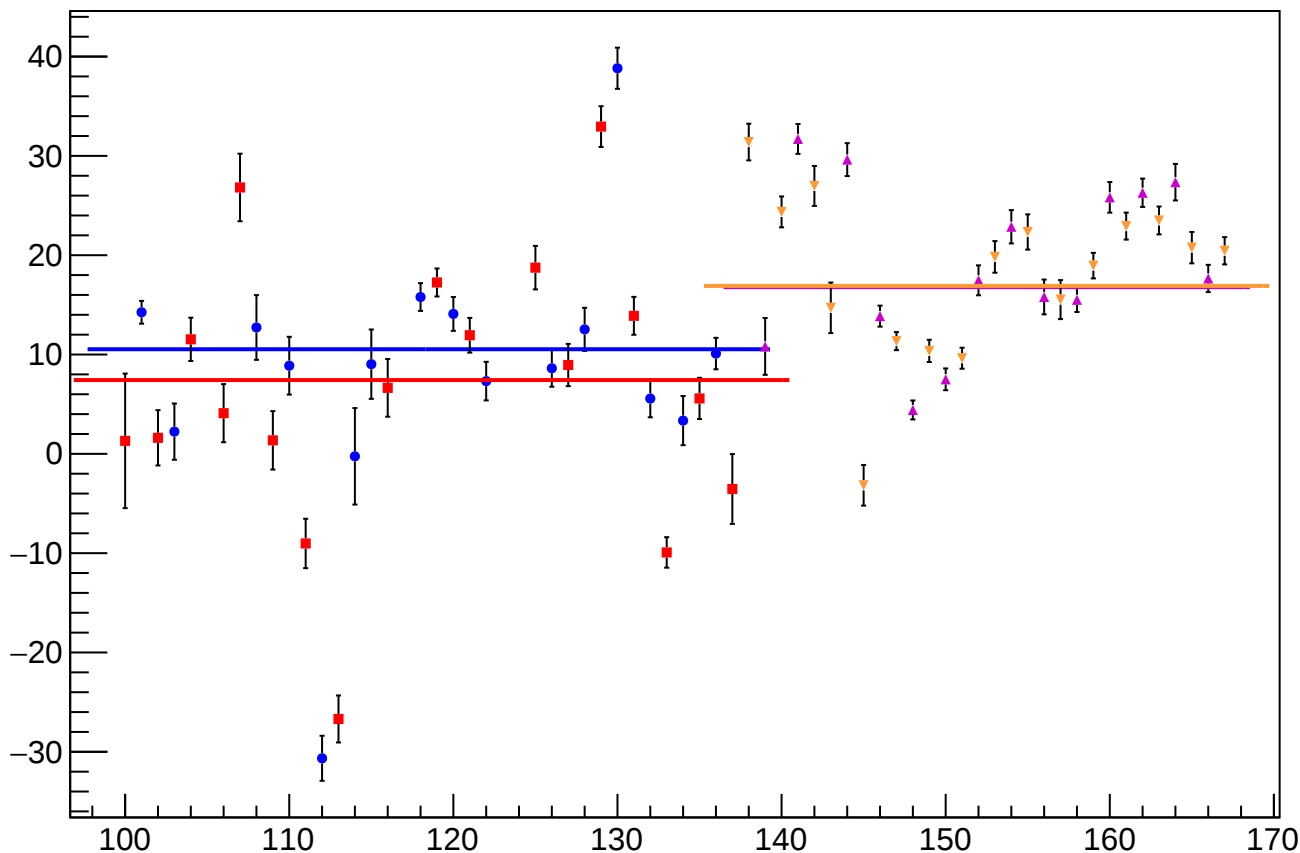
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 77.684 $\pm$ 0.387 χ^2 /NDF:5282.1/29

Out: 78.700 $\pm$ 0.385 χ^2 /NDF:5582.0/33

All: 78.194 $\pm$ 0.273 χ^2 /NDF: 10867.5/63

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 16.908 ± 0.358 $\chi^2/\text{NDF}: 395.7/15$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 16.785 ± 0.371 $\chi^2/\text{NDF}: 537.7/13$

Left: 16.849 ± 0.257 $\chi^2/\text{NDF}: 933.4/29$

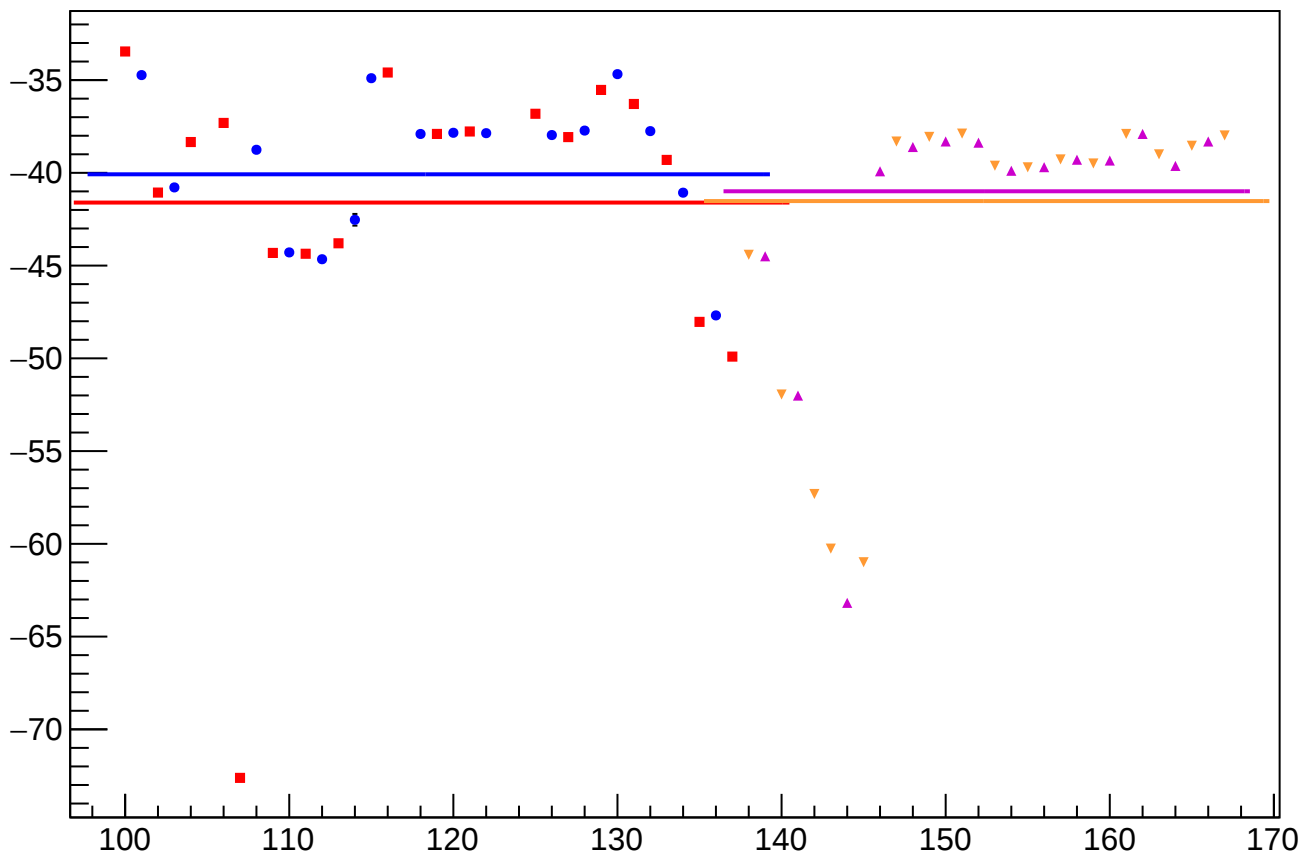
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 14.526 ± 0.296 $\chi^2/\text{NDF}: 1220.8/29$

Out: 13.889 ± 0.295 $\chi^2/\text{NDF}: 1304.9/33$

All: 14.207 ± 0.209 $\chi^2/\text{NDF}: 2528.0/63$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -41.522 ± 0.017 $\chi^2/\text{NDF}: 136669.0/15$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -40.994 ± 0.018 $\chi^2/\text{NDF}: 94887.6/13$

Left: -41.262 ± 0.012 $\chi^2/\text{NDF}: 232010.1/29$

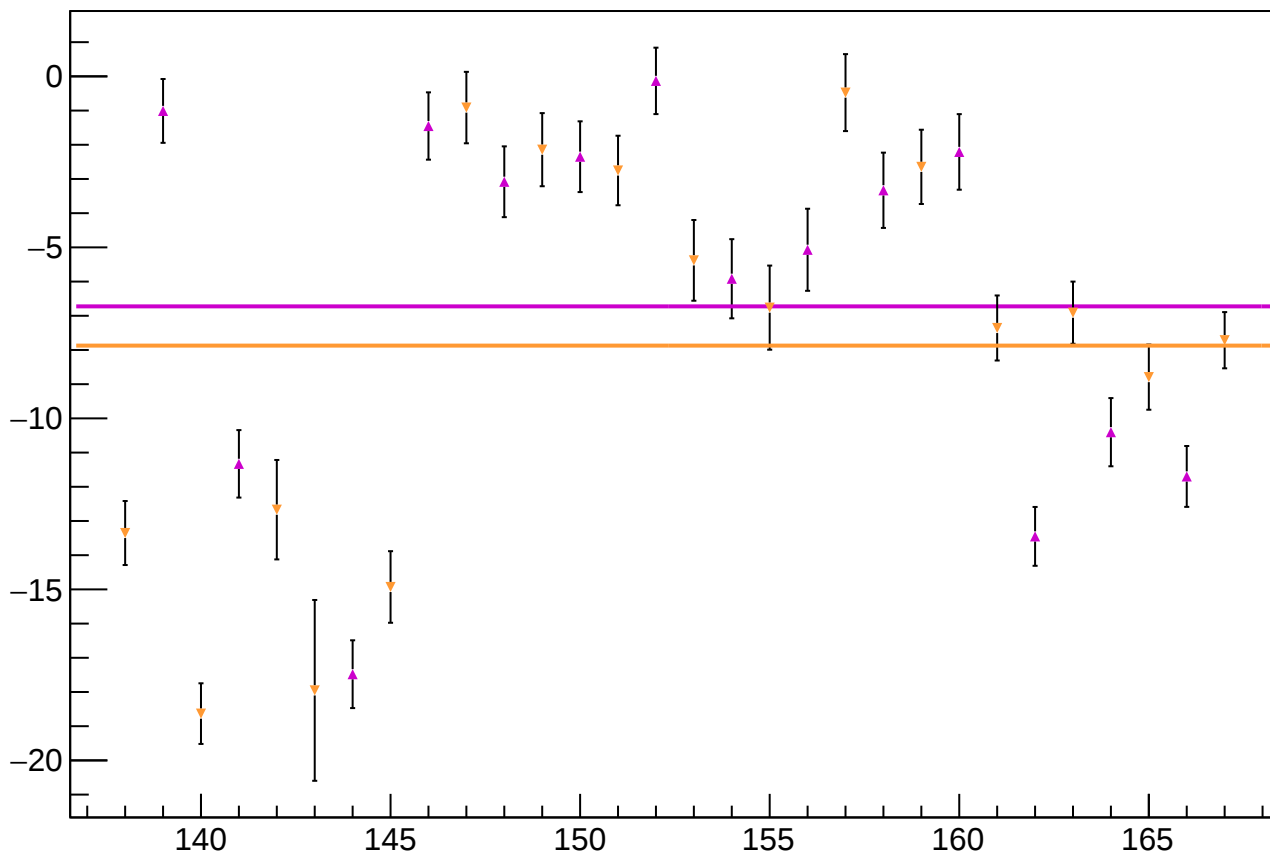
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -40.737 ± 0.015 $\chi^2/\text{NDF}: 120791.5/29$

Out: -41.544 ± 0.015 $\chi^2/\text{NDF}: 198531.2/33$

All: -41.143 ± 0.011 $\chi^2/\text{NDF}: 320785.9/63$

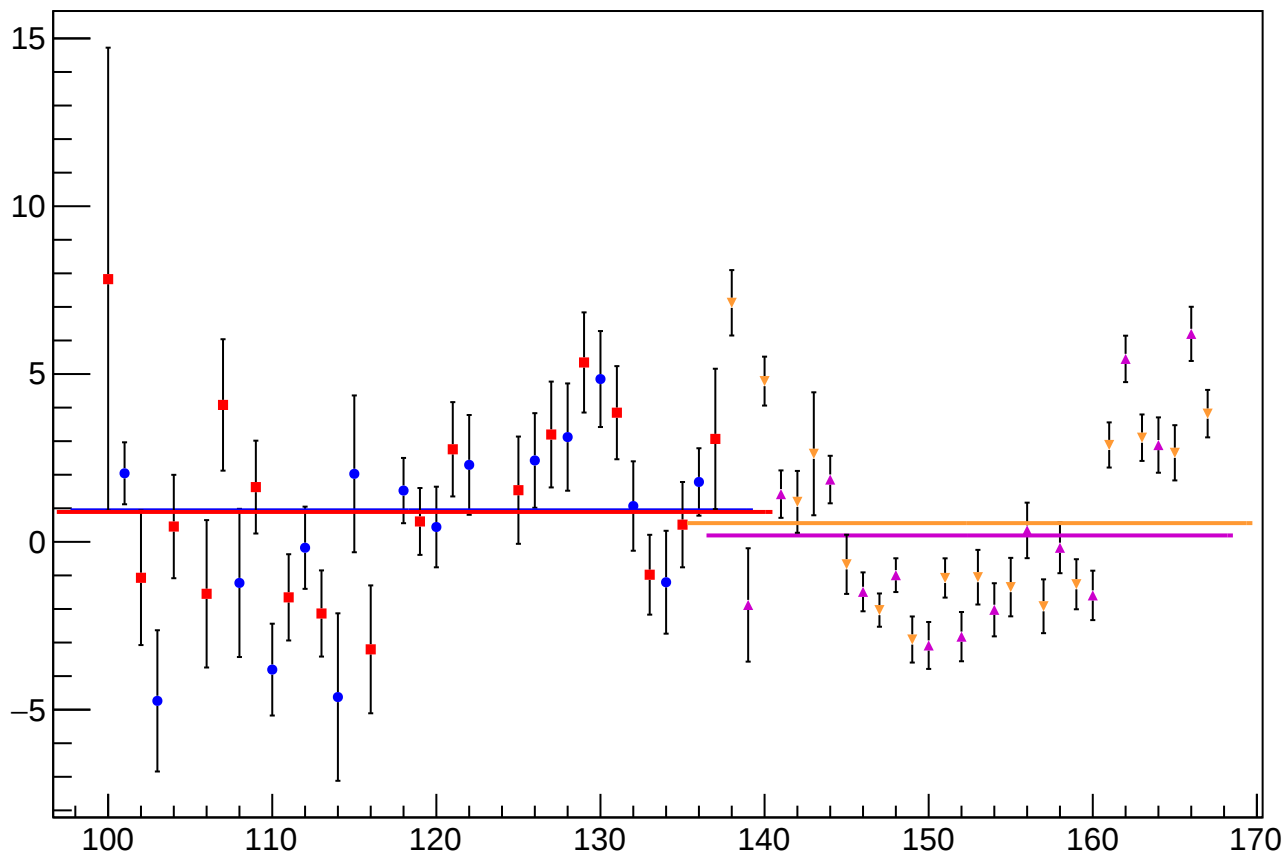
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.872 $\pm$ 0.262 χ^2 /NDF:425.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.725 $\pm$ 0.269 χ^2 /NDF:416.7/13

Left: -7.314 $\pm$ 0.187 χ^2 /NDF: 851.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.725 $\pm$ 0.269 χ^2 /NDF:416.7/13
 Out: -7.872 $\pm$ 0.262 χ^2 /NDF:425.0/15
 All: -7.314 $\pm$ 0.187 χ^2 /NDF: 851.0/29

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: 0.558 ± 0.186 $\chi^2/\text{NDF}: 220.9/15$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.191 ± 0.193 $\chi^2/\text{NDF}: 200.7/13$

Left: 0.381 ± 0.134 $\chi^2/\text{NDF}: 423.5/29$

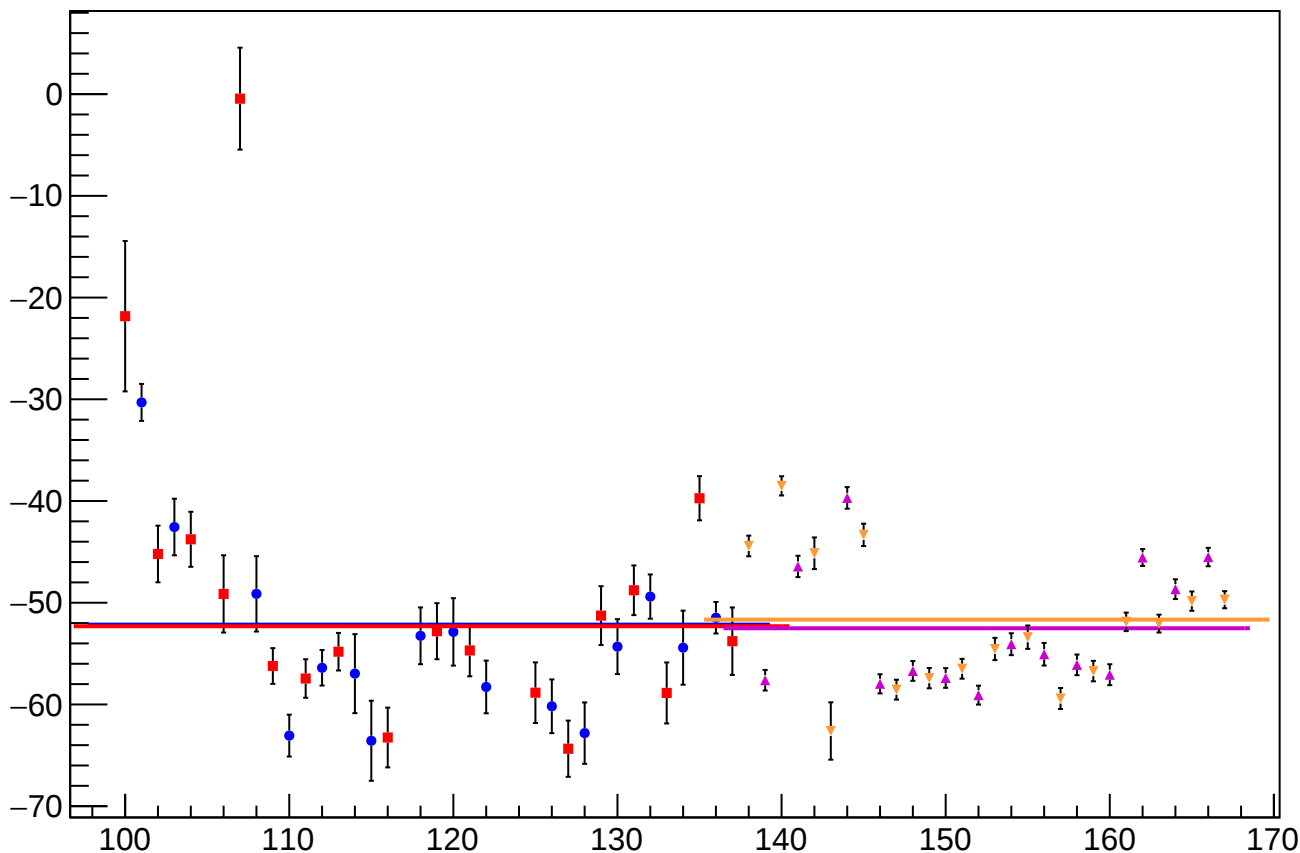
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.374 ± 0.168 $\chi^2/\text{NDF}: 246.6/29$

Out: 0.631 ± 0.165 $\chi^2/\text{NDF}: 263.2/33$

All: 0.504 ± 0.118 $\chi^2/\text{NDF}: 511.0/63$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 $\chi^2/\text{NDF}: 231.1/15$

Left Out: -51.660 ± 0.257 $\chi^2/\text{NDF}: 542.3/15$

Right Out: -52.310 ± 0.616 $\chi^2/\text{NDF}: 234.8/17$

Left In: -52.509 ± 0.262 $\chi^2/\text{NDF}: 518.8/13$

Left: -52.076 ± 0.184 $\chi^2/\text{NDF}: 1066.4/29$

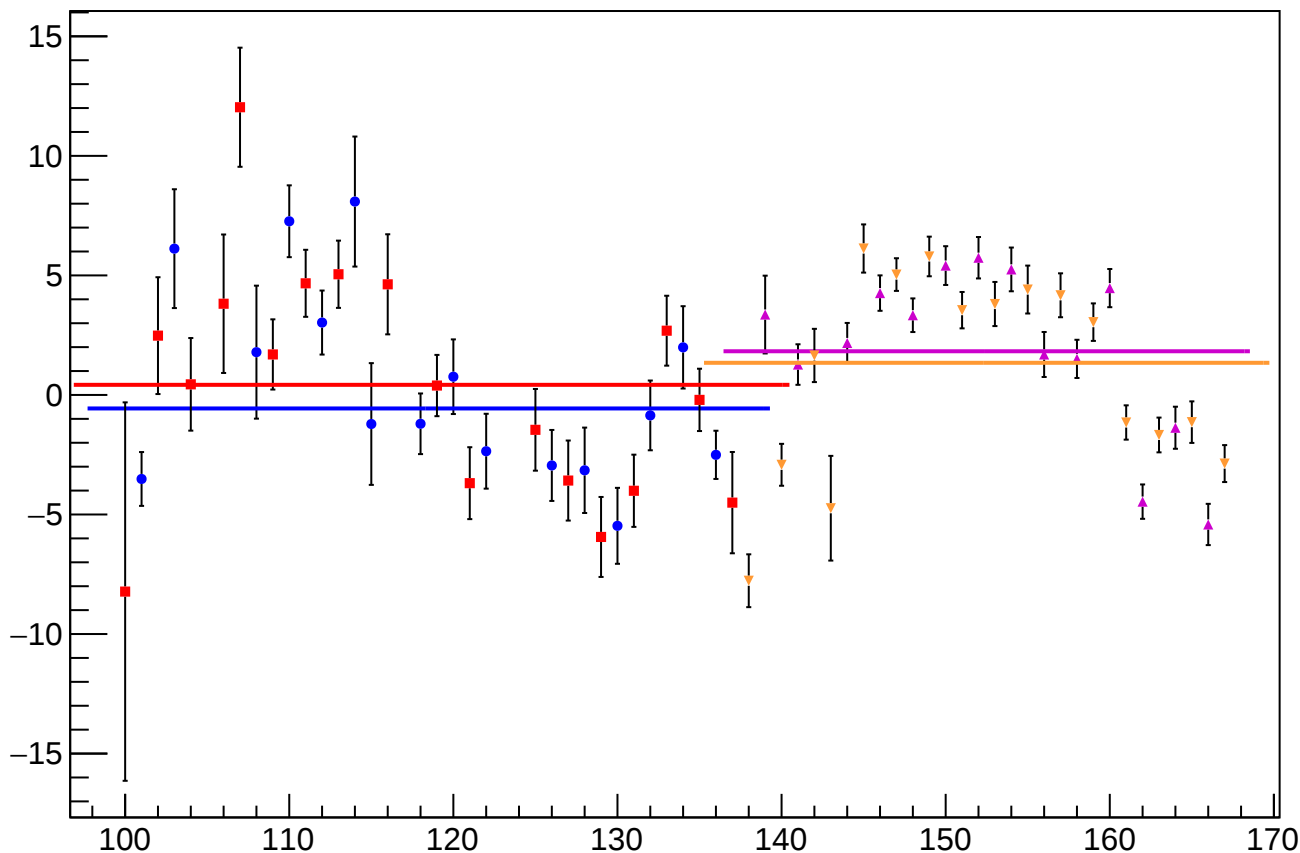
Right: -52.232 ± 0.434 $\chi^2/\text{NDF}: 465.9/33$

In: -52.454 ± 0.241 $\chi^2/\text{NDF}: 750.1/29$

Out: -51.757 ± 0.237 $\chi^2/\text{NDF}: 778.0/33$

All: -52.100 ± 0.169 $\chi^2/\text{NDF}: 1532.4/63$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.345 ± 0.217 χ^2/NDF : 286.3/15

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.827 ± 0.224 χ^2/NDF : 242.1/13

Left: 1.578 ± 0.156 χ^2/NDF : 530.8/29

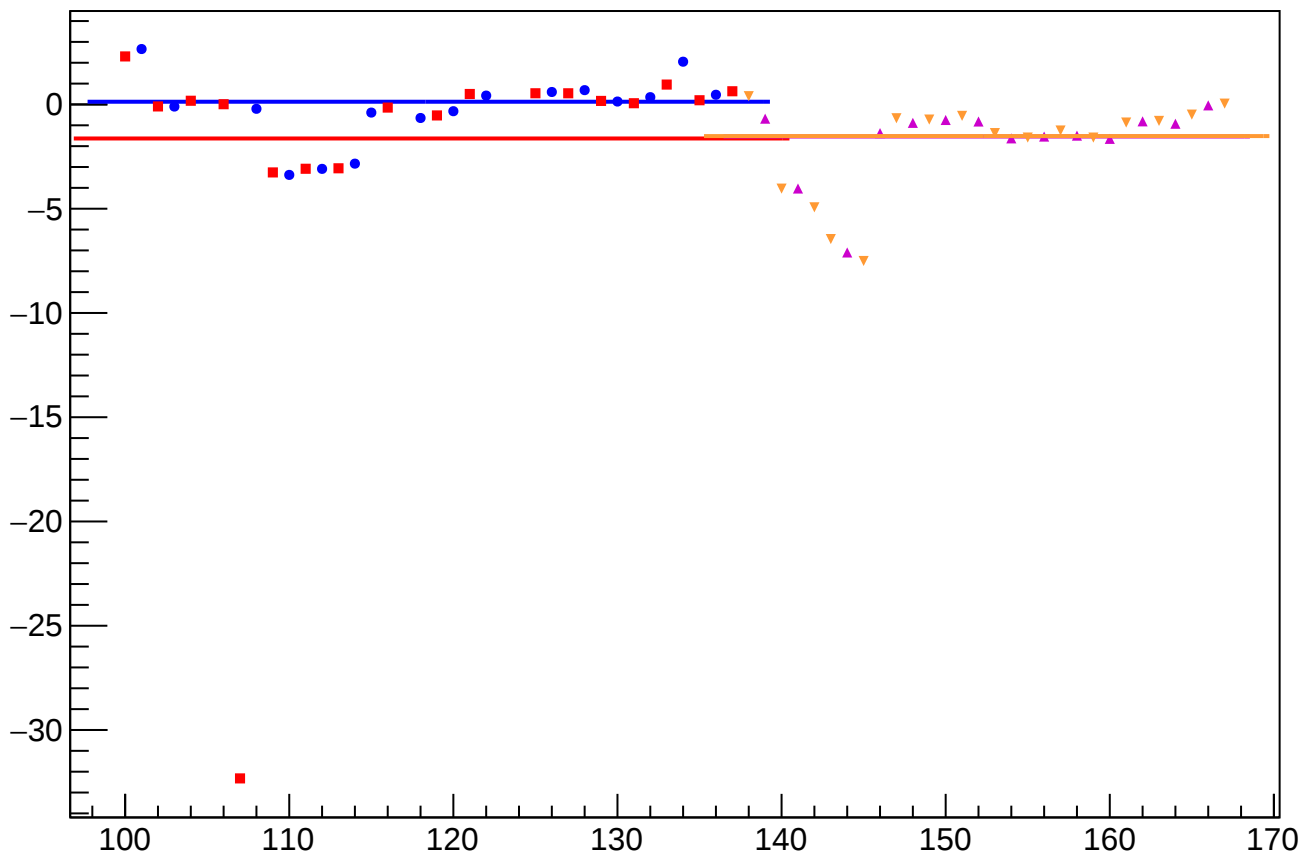
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.221 ± 0.194 χ^2/NDF : 352.9/29

Out: 1.135 ± 0.191 χ^2/NDF : 385.7/33

All: 1.177 ± 0.136 χ^2/NDF : 738.7/63

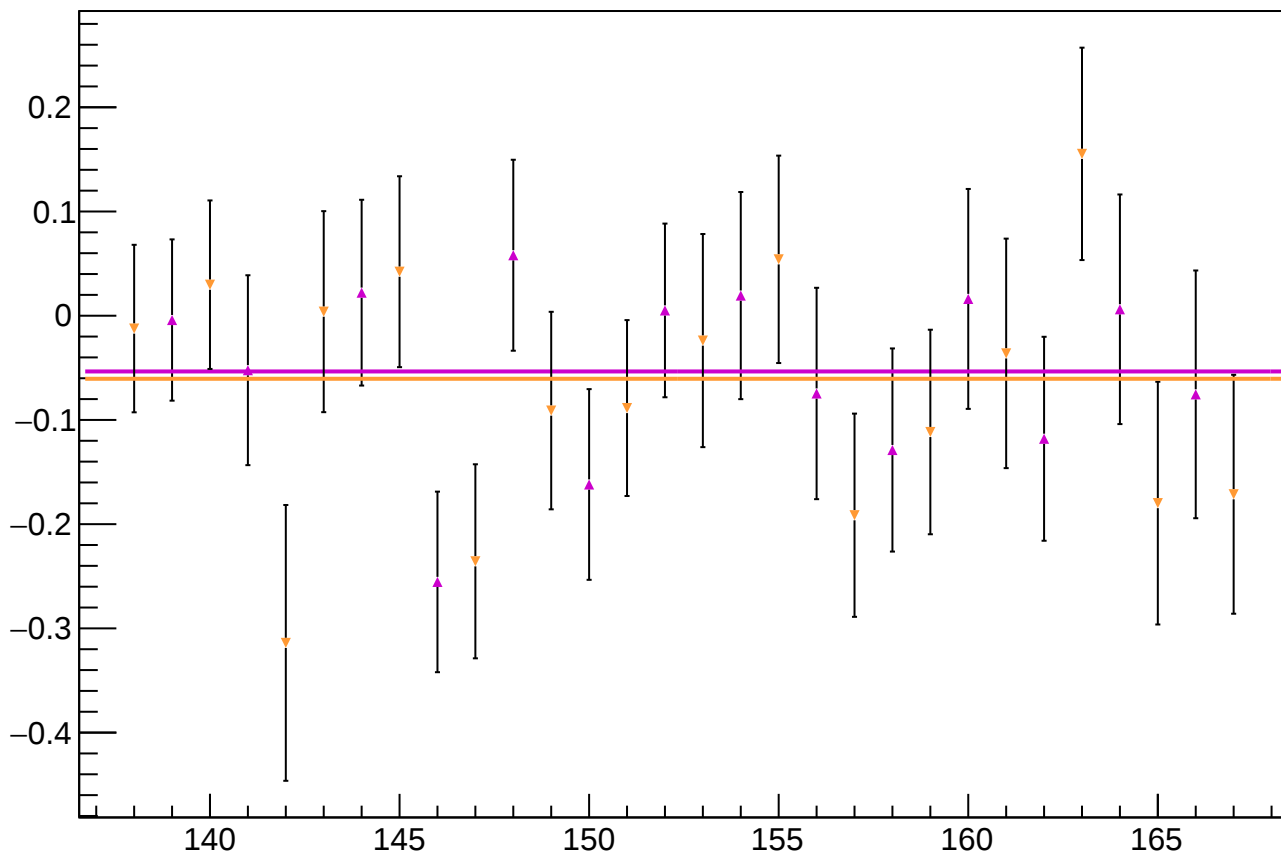
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.517 ± 0.010 $\chi^2/\text{NDF}: 35091.7/15$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.537 ± 0.010 $\chi^2/\text{NDF}: 21607.2/13$

Left: -1.527 ± 0.007 $\chi^2/\text{NDF}: 56700.9/29$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.223 ± 0.009 $\chi^2/\text{NDF}: 31713.0/29$
 Out: -1.537 ± 0.009 $\chi^2/\text{NDF}: 112989.0/33$
 All: -1.383 ± 0.007 $\chi^2/\text{NDF}: 145278.5/63$

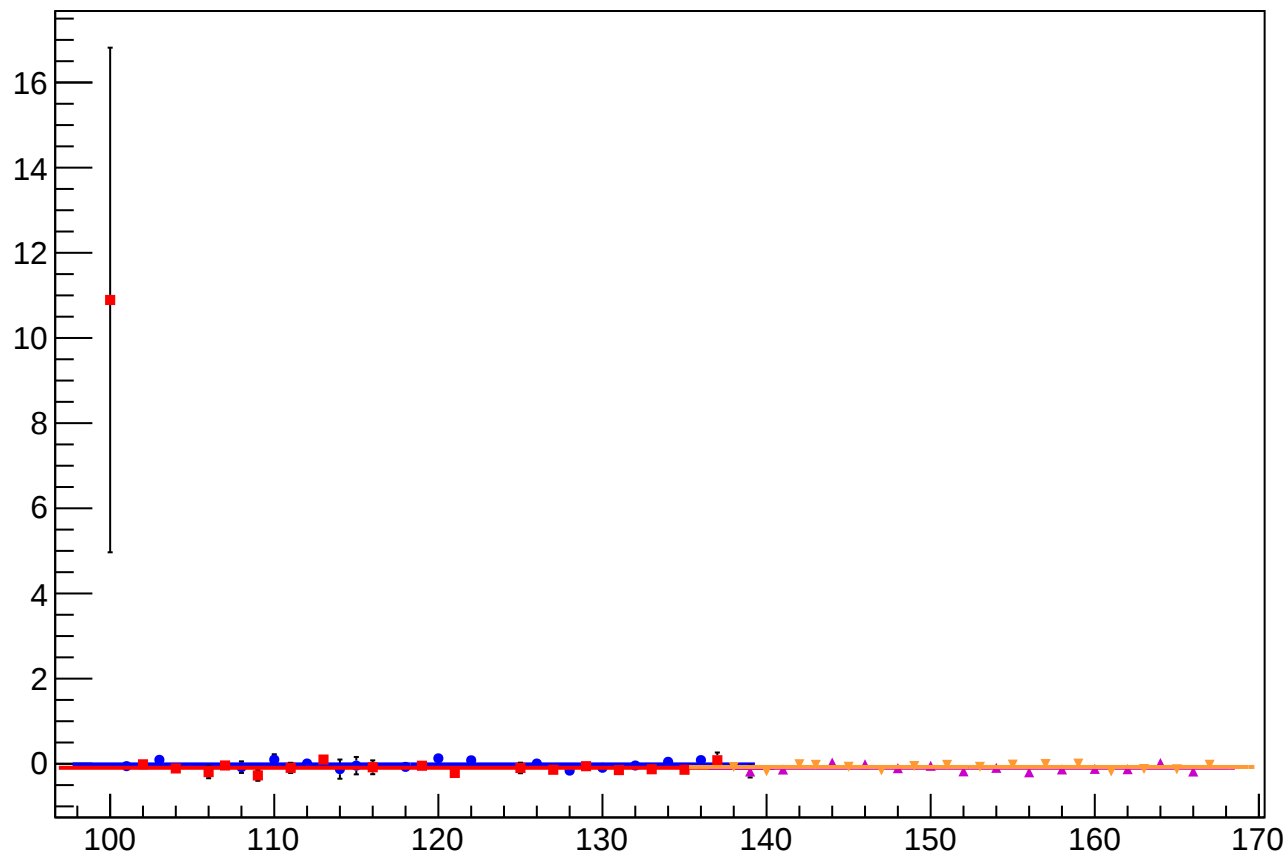
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.061 $\pm$ 0.024 χ^2 /NDF:20.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Left: -0.057 $\pm$ 0.017 χ^2 /NDF: 33.1/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13
 Out: -0.061 $\pm$ 0.024 χ^2 /NDF:20.8/15
 All: -0.057 $\pm$ 0.017 χ^2 /NDF: 33.1/29

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: -0.074 ± 0.017 χ^2/NDF : 13.6/15

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.093 ± 0.018 χ^2/NDF : 14.4/13

Left: -0.084 ± 0.012 χ^2/NDF : 28.6/29

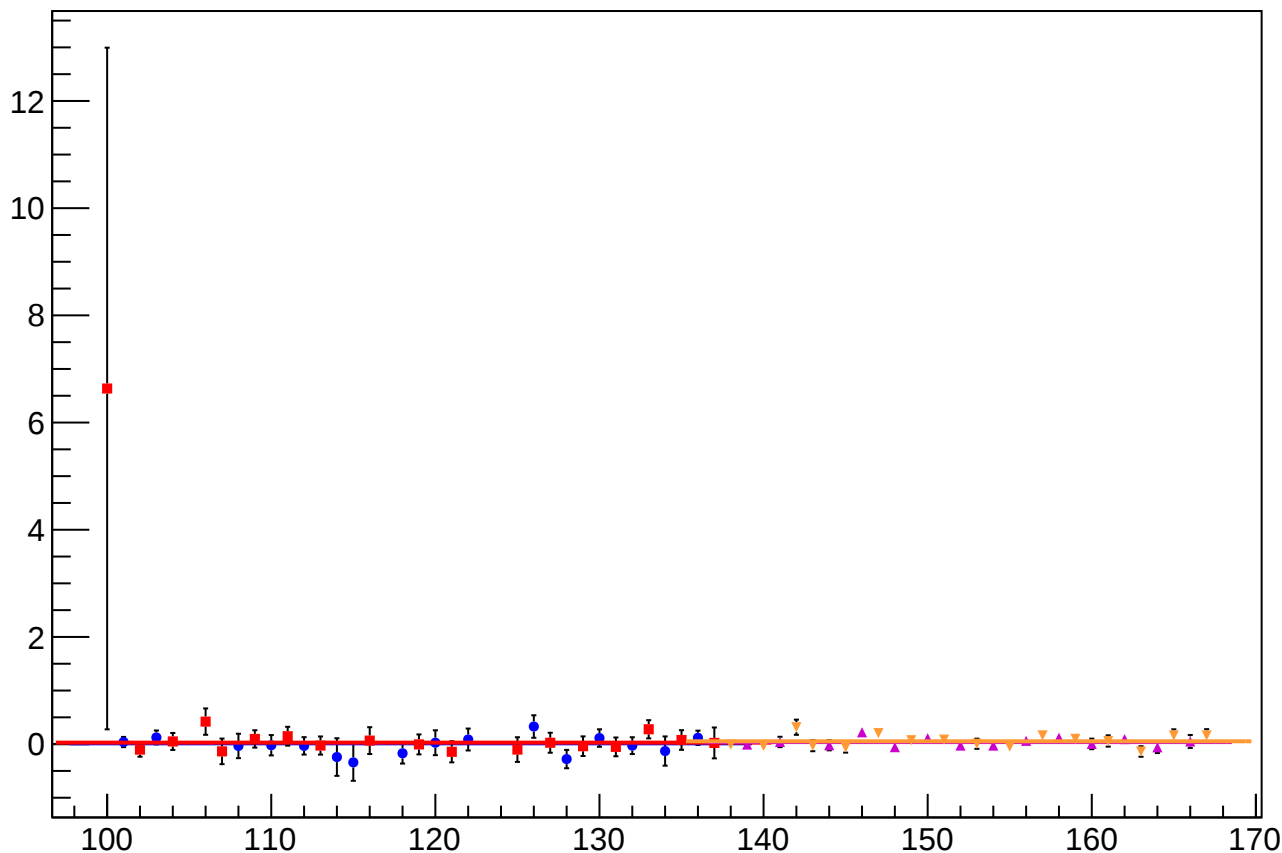
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.064 ± 0.014 χ^2/NDF : 34.2/29

Out: -0.081 ± 0.014 χ^2/NDF : 27.5/33

All: -0.072 ± 0.010 χ^2/NDF : 62.4/63

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: 0.053 $\pm$ 0.024 χ^2 /NDF:18.9/15

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.039 $\pm$ 0.025 χ^2 /NDF:10.8/13

Left: 0.046 $\pm$ 0.017 χ^2 /NDF: 29.9/29

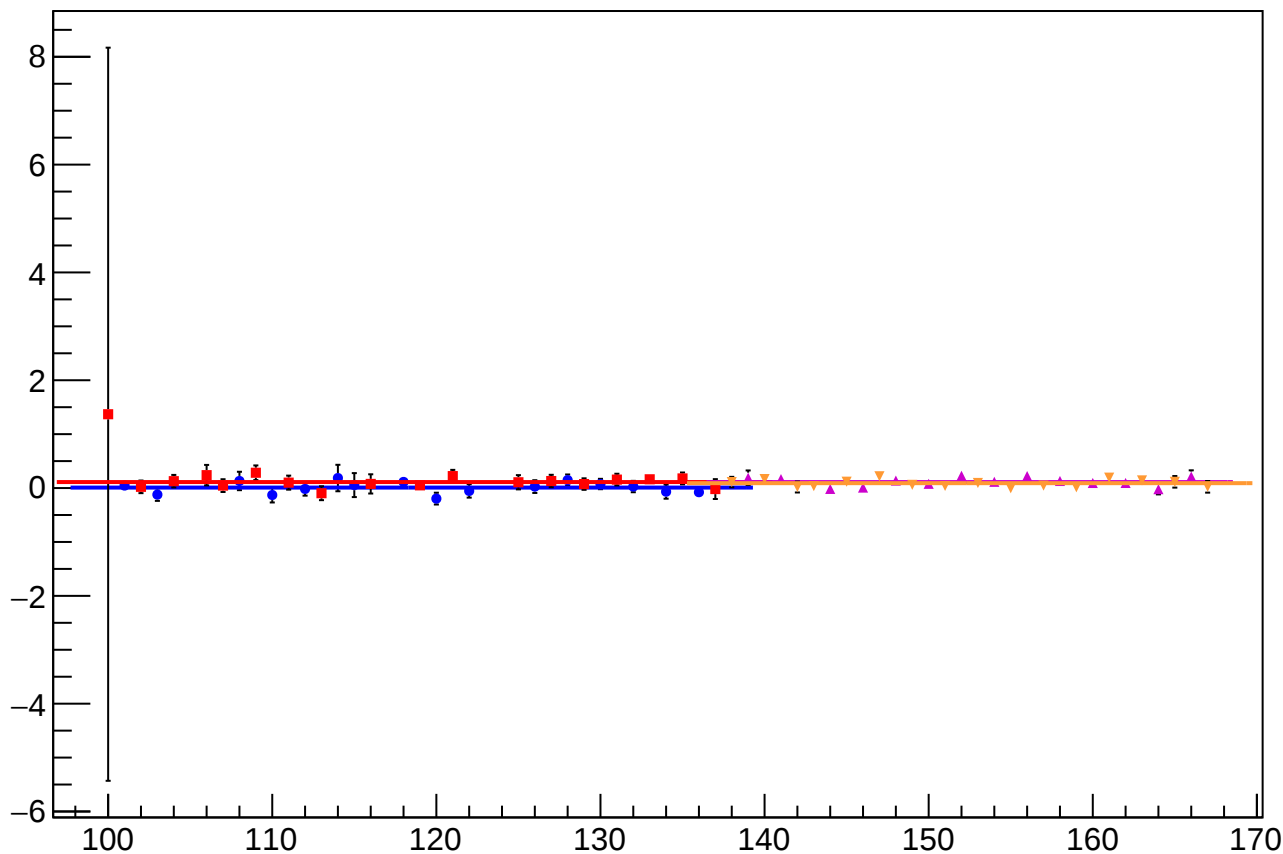
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.033 $\pm$ 0.021 χ^2 /NDF:21.1/29

Out: 0.047 $\pm$ 0.021 χ^2 /NDF:28.7/33

All: 0.040 $\pm$ 0.015 χ^2 /NDF: 50.0/63

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.091 $\pm$ 0.020 χ^2 /NDF:12.5/15

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.111 $\pm$ 0.021 χ^2 /NDF:13.7/13

Left: 0.100 $\pm$ 0.014 χ^2 /NDF: 26.7/29

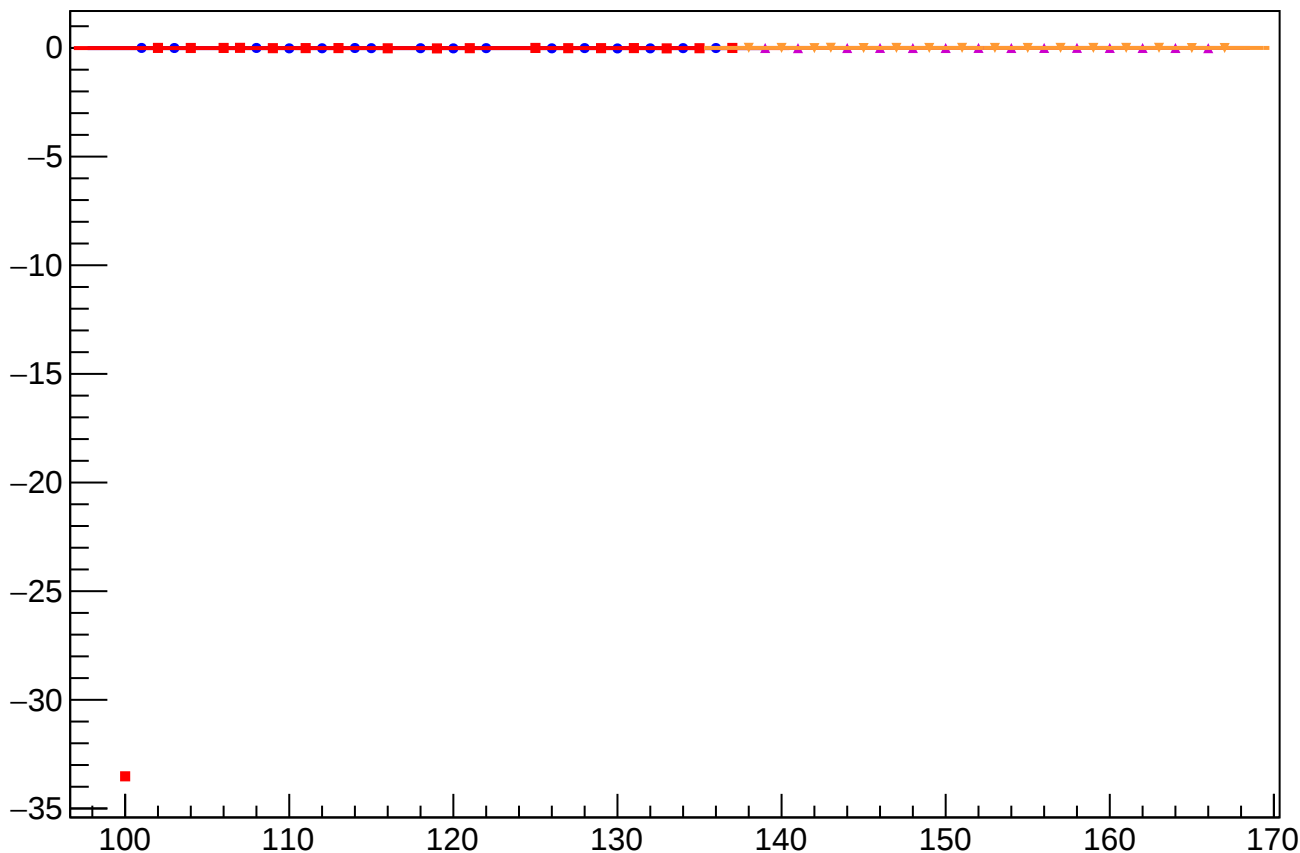
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.072 $\pm$ 0.017 χ^2 /NDF:35.3/29

Out: 0.097 $\pm$ 0.016 χ^2 /NDF:21.5/33

All: 0.085 $\pm$ 0.012 χ^2 /NDF: 57.9/63

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:13.1/15

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.000 $\pm$ 0.001 χ^2 /NDF:10.0/13

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 24.2/29

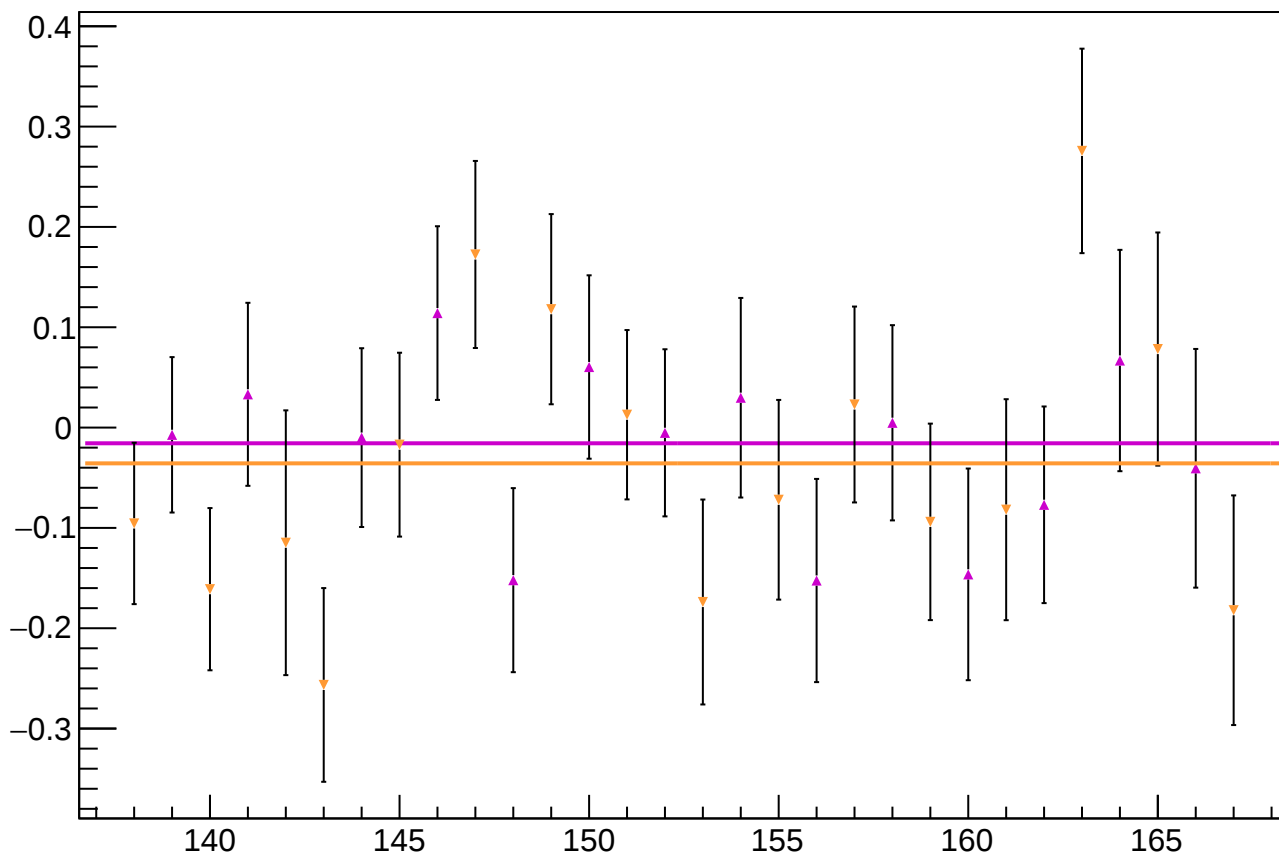
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.002 $\pm$ 0.001 χ^2 /NDF:41.9/29

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26539.4/33

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26582.1/63

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: -0.036 $\pm$ 0.024 χ^2 /NDF:31.3/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

Left: -0.026 $\pm$ 0.017 χ^2 /NDF: 41.7/29

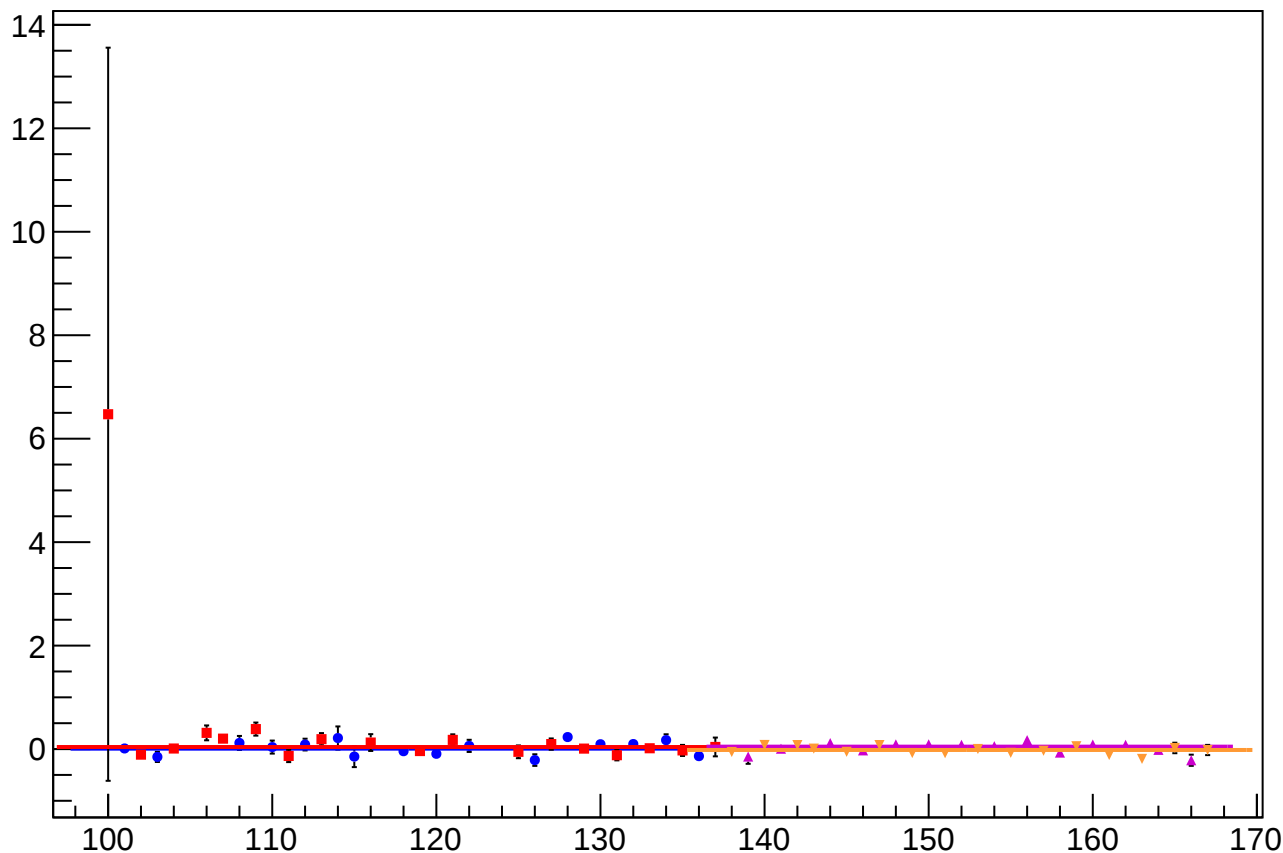
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

Out: -0.036 $\pm$ 0.024 χ^2 /NDF:31.3/15

All: -0.026 $\pm$ 0.017 χ^2 /NDF: 41.7/29

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.018 $\pm$ 0.017 χ^2 /NDF:19.7/15

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.047 $\pm$ 0.018 χ^2 /NDF:20.3/13

Left: 0.013 $\pm$ 0.012 χ^2 /NDF: 46.8/29

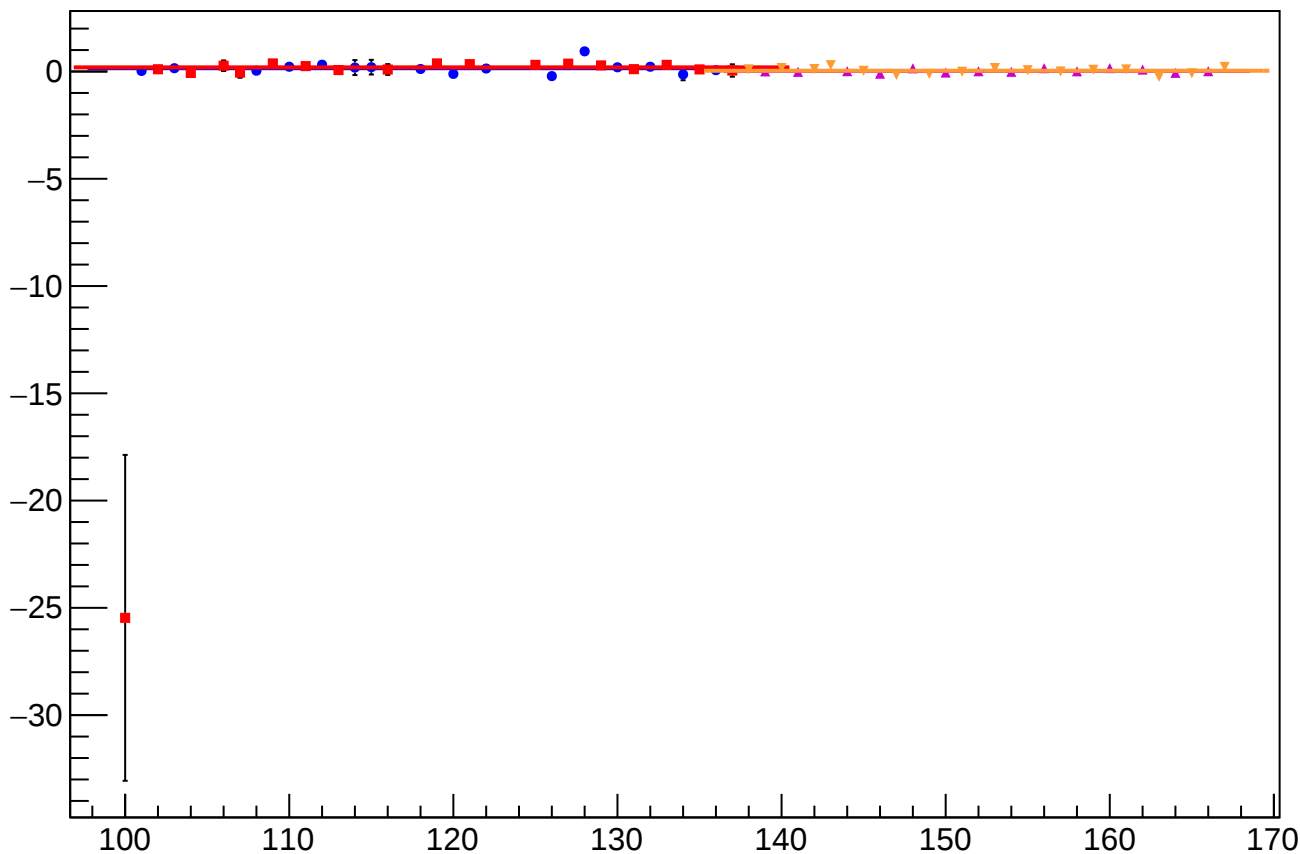
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.032 $\pm$ 0.014 χ^2 /NDF:45.7/29

Out: 0.001 $\pm$ 0.014 χ^2 /NDF:51.7/33

All: 0.016 $\pm$ 0.010 χ^2 /NDF: 100.0/63

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: 0.035+/-0.024 χ^2/NDF :31.8/15

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.025+/-0.025 χ^2/NDF :10.6/13

Left: 0.030+/-0.017 χ^2/NDF : 42.4/29

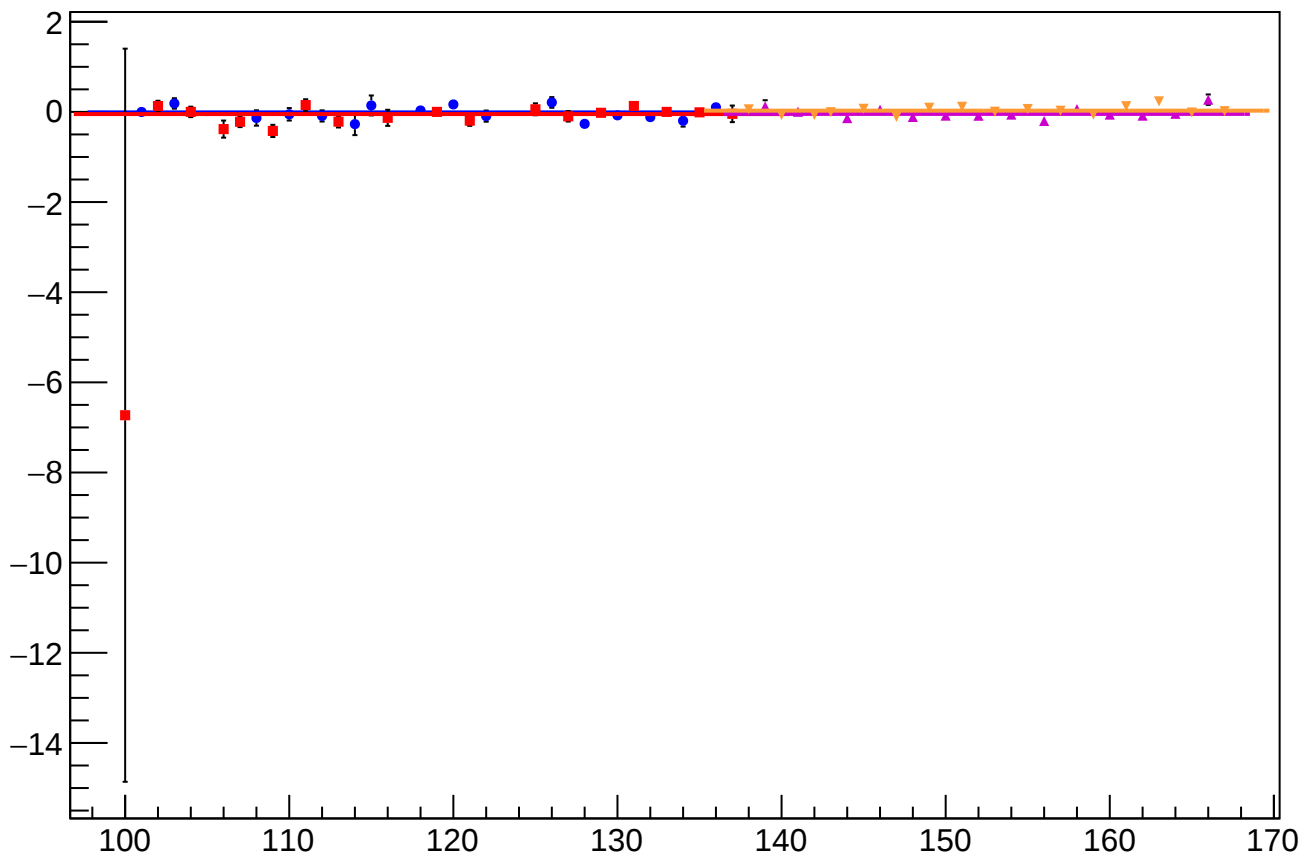
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.057+/-0.021 χ^2/NDF :47.9/29

Out: 0.070+/-0.021 χ^2/NDF :63.3/33

All: 0.064+/-0.015 χ^2/NDF : 111.4/63

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.028 ± 0.020 χ^2/NDF : 20.4/15

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.044 ± 0.021 χ^2/NDF : 21.2/13

Left: -0.007 ± 0.014 χ^2/NDF : 47.7/29

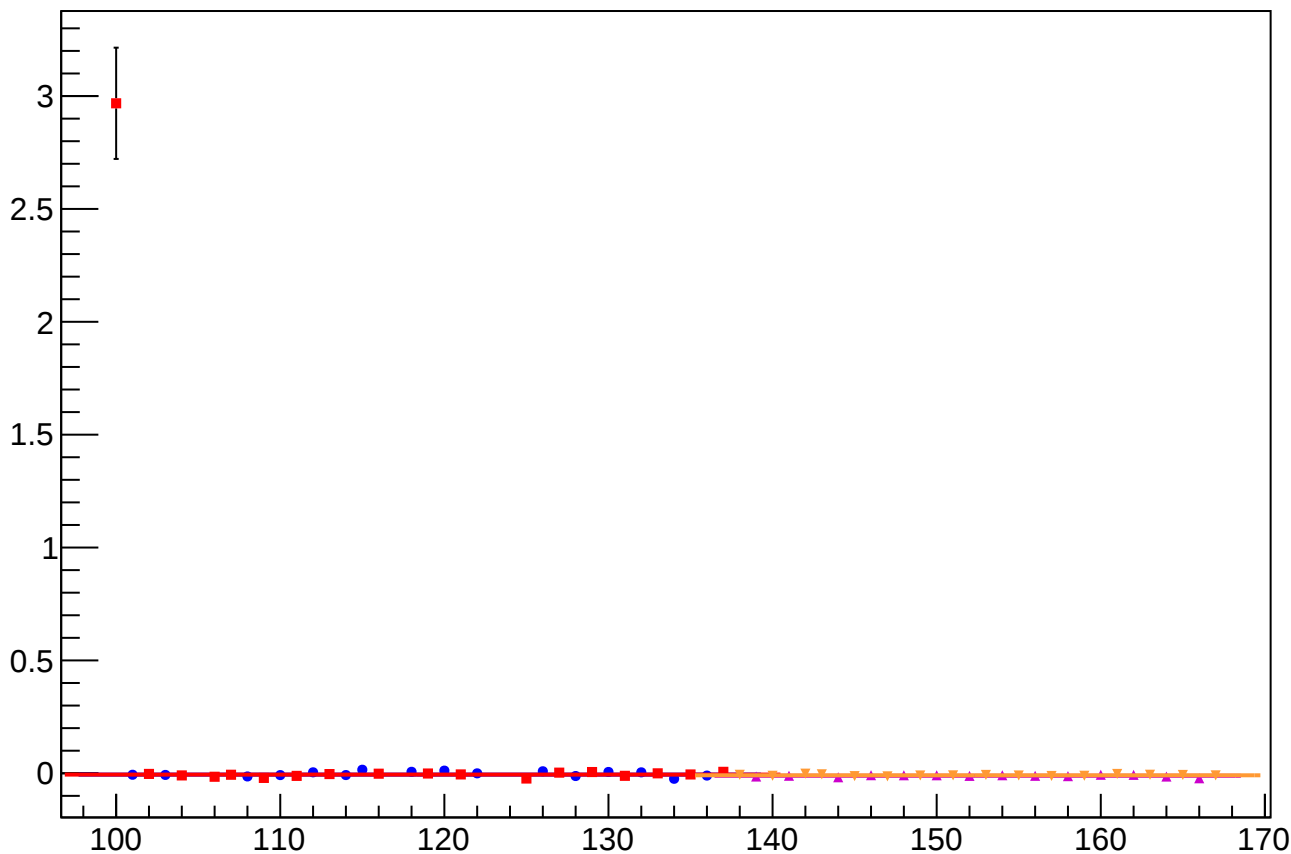
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.032 ± 0.017 χ^2/NDF : 45.6/29

Out: 0.003 ± 0.016 χ^2/NDF : 51.3/33

All: -0.015 ± 0.012 χ^2/NDF : 99.1/63

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 : 10.4/15

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 13.4/13

Left: -0.010 ± 0.001 χ^2/NDF : 26.6/29

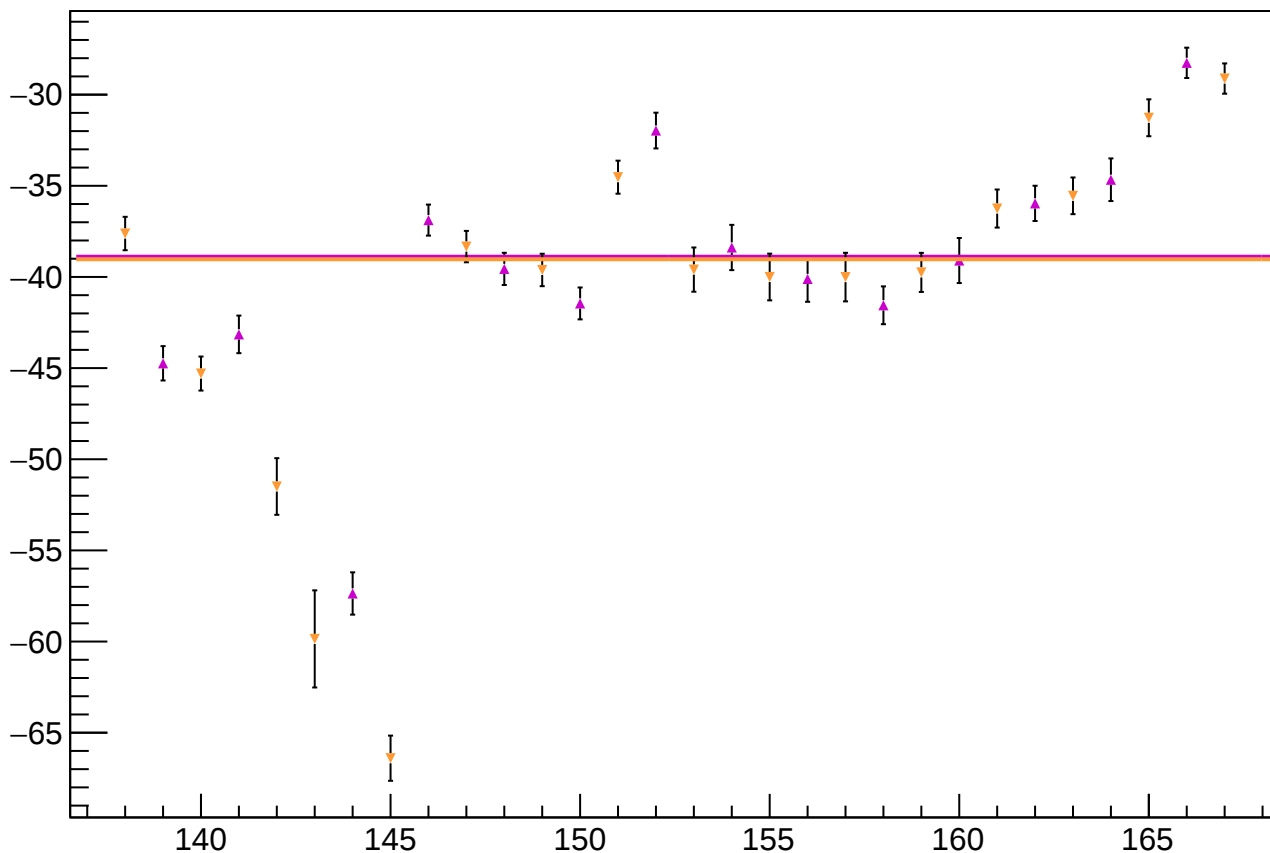
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.010 ± 0.001 χ^2/NDF : 51.2/29

Out: -0.008 ± 0.001 χ^2/NDF : 178.8/33

All: -0.009 ± 0.001 χ^2/NDF : 231.8/63

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



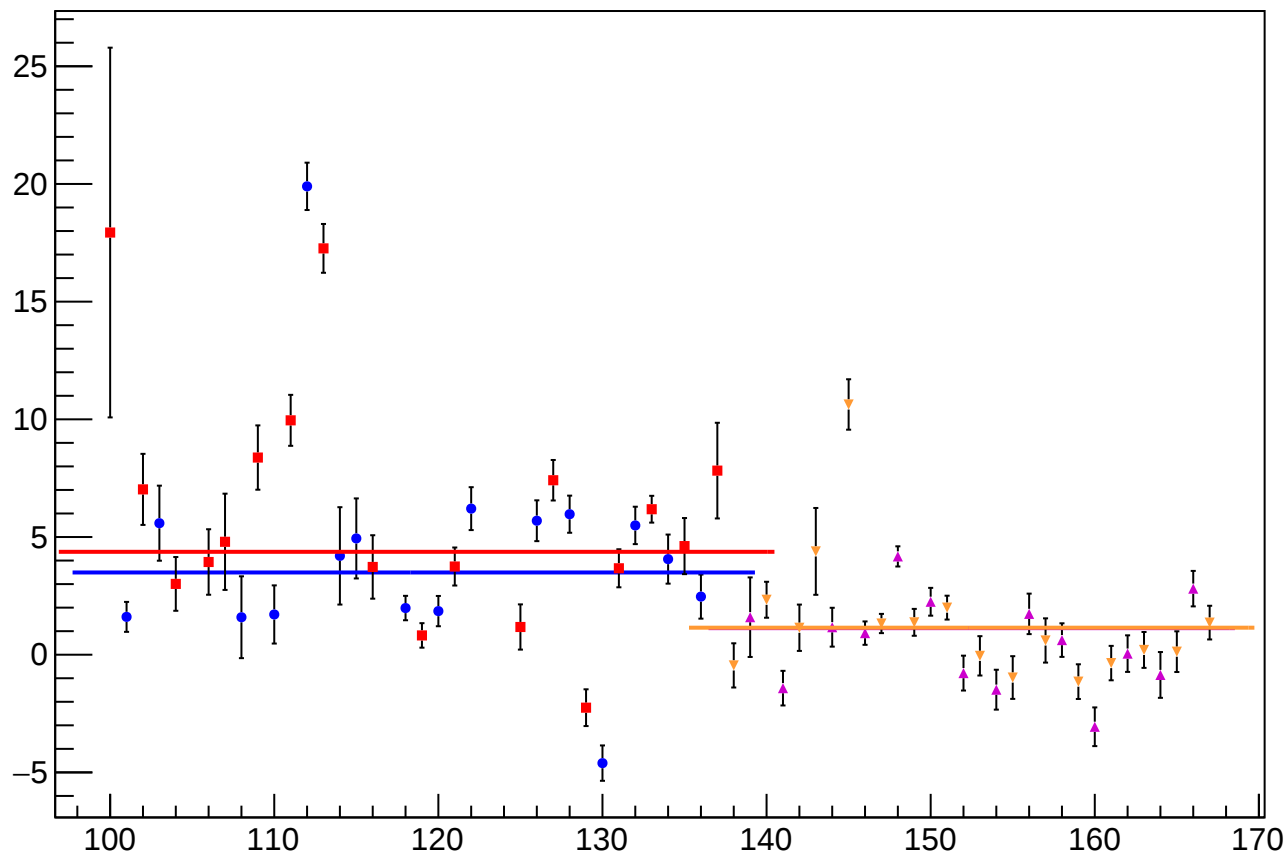
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -39.028+/-0.263 χ^2/NDF : 908.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.891+/-0.268 χ^2/NDF : 567.2/13

Left: -38.960+/-0.188 χ^2/NDF : 1475.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.891+/-0.268 χ^2/NDF : 567.2/13
 Out: -39.028+/-0.263 χ^2/NDF : 908.4/15

All: -38.960+/-0.188 χ^2/NDF : 1475.7/29

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.148 $\pm$ 0.181 χ^2 /NDF:114.7/15

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.128 $\pm$ 0.187 χ^2 /NDF:120.6/13

Left: 1.139 $\pm$ 0.130 χ^2 /NDF: 235.2/29

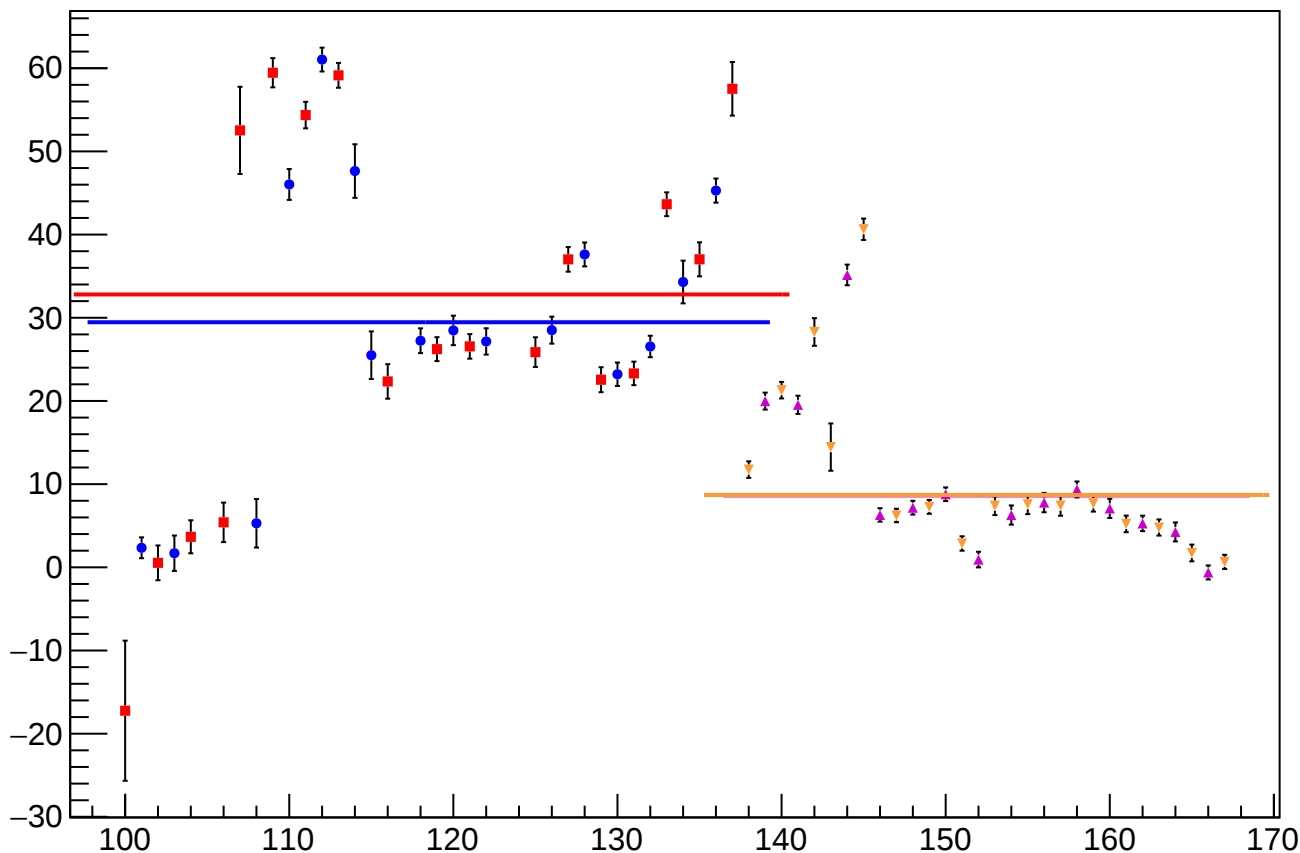
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.135 $\pm$ 0.142 χ^2 /NDF:633.3/29

Out: 2.414 $\pm$ 0.141 χ^2 /NDF:593.0/33

All: 2.275 $\pm$ 0.100 χ^2 /NDF: 1228.3/63

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 8.696 $\pm$ 0.258 χ^2 /NDF:1157.8/15

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 8.641 $\pm$ 0.261 χ^2 /NDF:912.1/13

Left: 8.669 $\pm$ 0.183 χ^2 /NDF: 2069.9/29

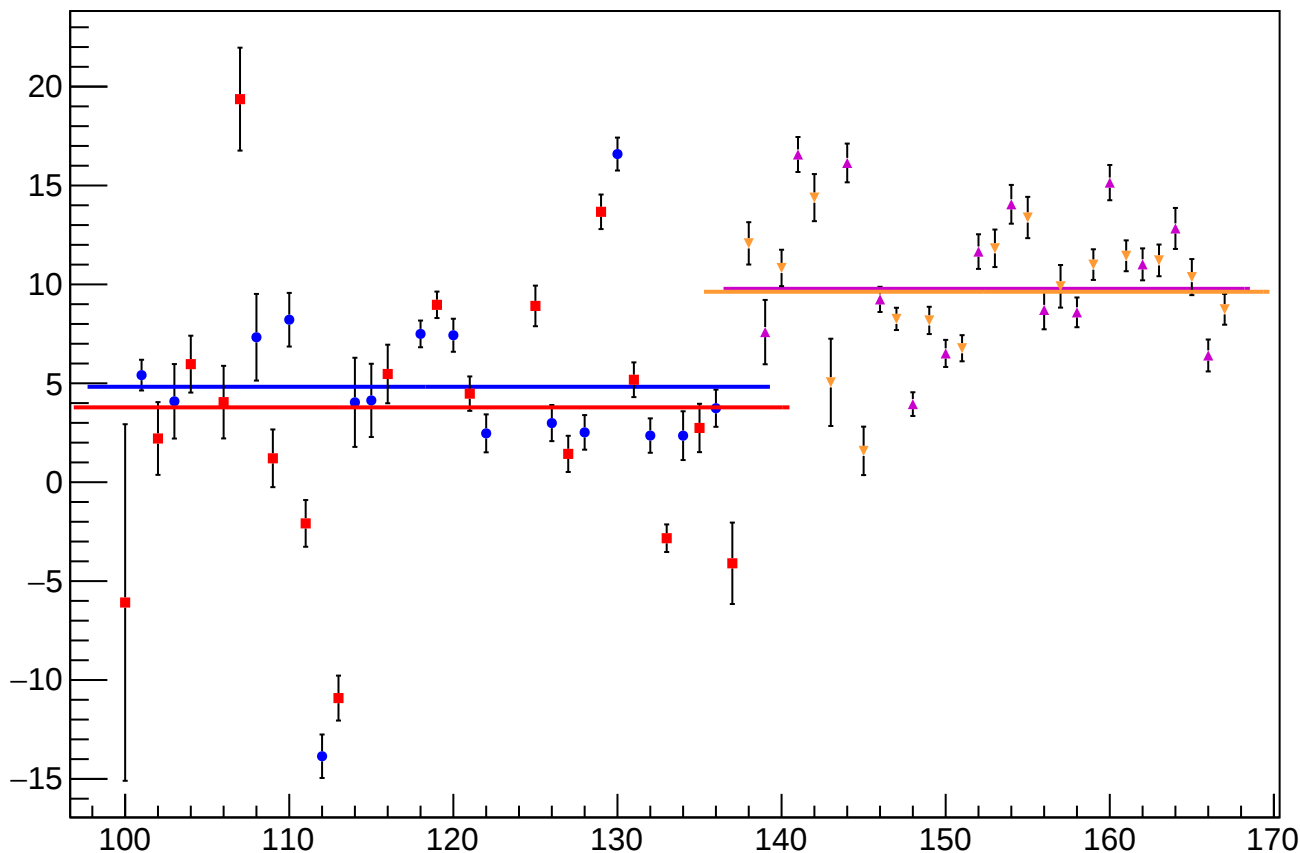
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 14.487 $\pm$ 0.221 χ^2 /NDF:4192.5/29

Out: 15.226 $\pm$ 0.220 χ^2 /NDF:5186.2/33

All: 14.858 $\pm$ 0.156 χ^2 /NDF: 9384.3/63

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.628 ± 0.214 $\chi^2/\text{NDF}: 132.2/15$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.776 ± 0.221 $\chi^2/\text{NDF}: 313.0/13$

Left: 9.700 ± 0.154 $\chi^2/\text{NDF}: 445.4/29$

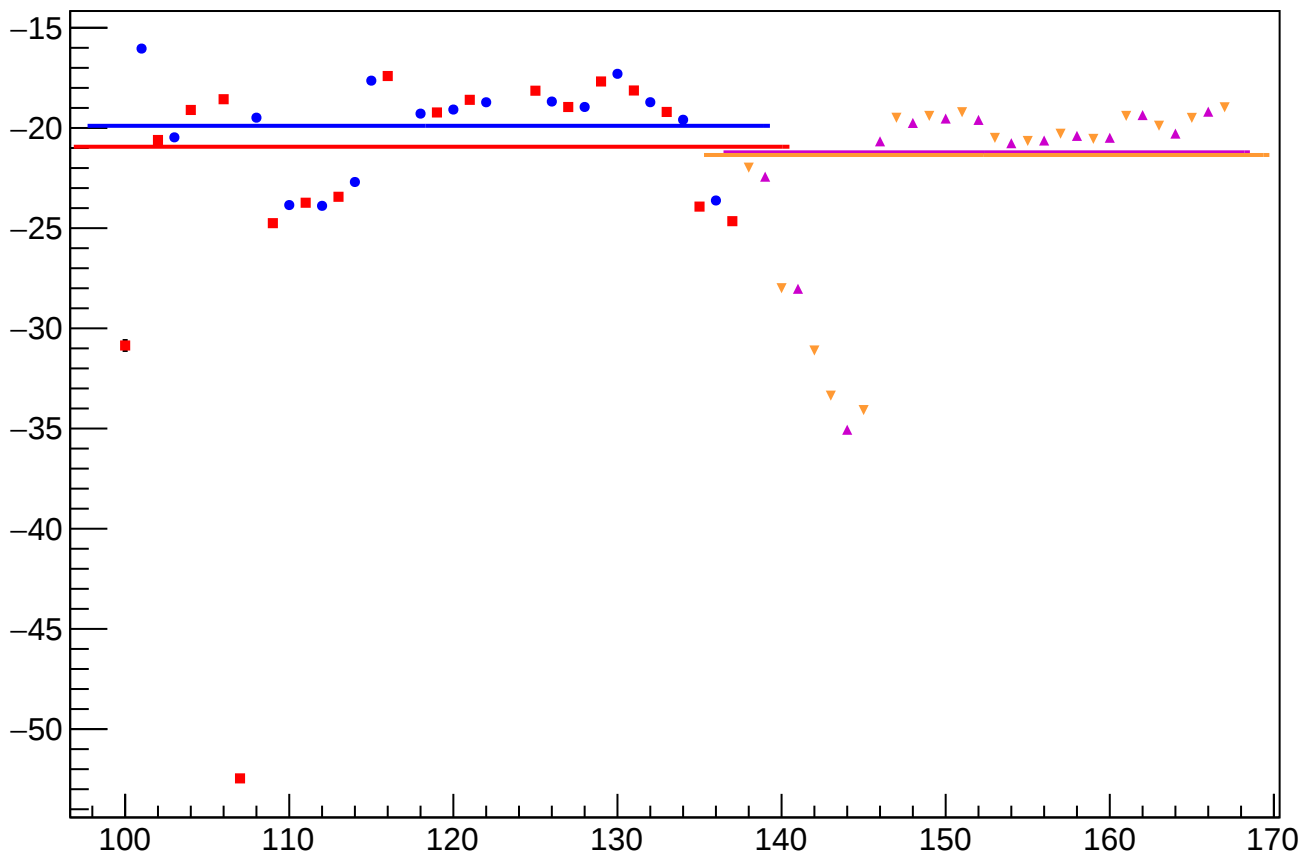
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.622 ± 0.166 $\chi^2/\text{NDF}: 1084.6/29$

Out: 7.252 ± 0.165 $\chi^2/\text{NDF}: 999.5/33$

All: 7.436 ± 0.117 $\chi^2/\text{NDF}: 2086.6/63$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -21.348 ± 0.010 $\chi^2/\text{NDF}: 140041.8/15$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -21.216 ± 0.010 $\chi^2/\text{NDF}: 102631.0/13$

Left: -21.283 ± 0.007 $\chi^2/\text{NDF}: 242753.6/29$

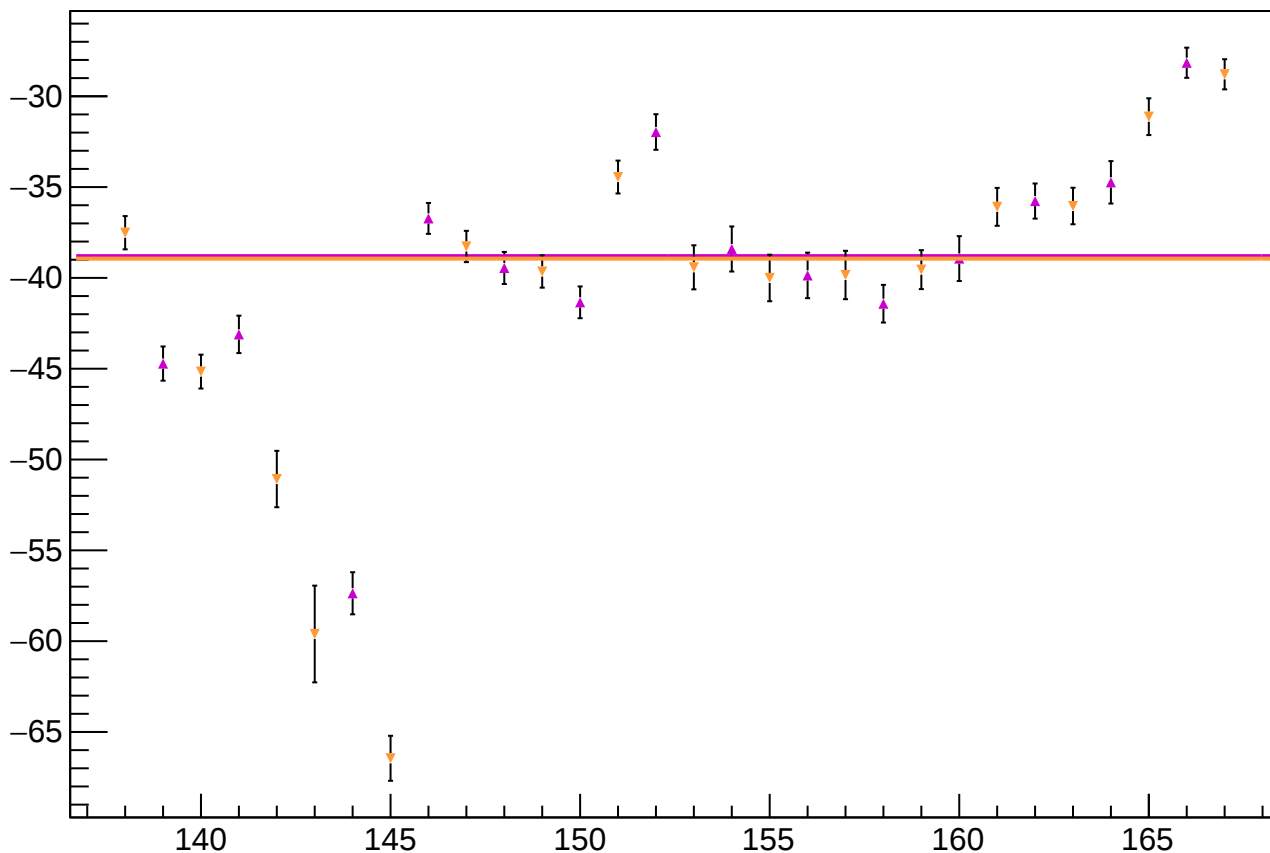
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.808 ± 0.009 $\chi^2/\text{NDF}: 133714.0/29$

Out: -21.224 ± 0.009 $\chi^2/\text{NDF}: 234648.6/33$

All: -21.017 ± 0.006 $\chi^2/\text{NDF}: 369525.0/63$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



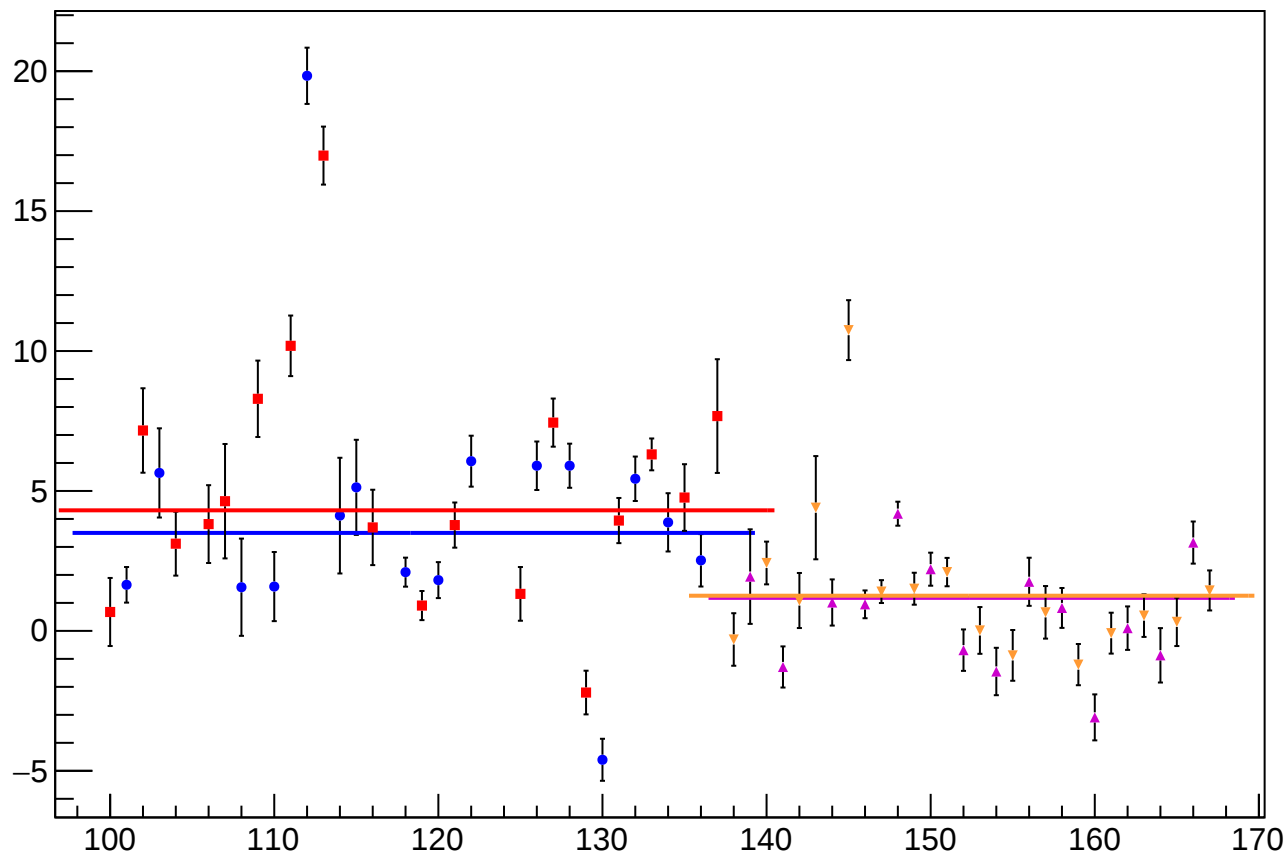
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.939+/-0.263 χ^2/NDF :913.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.801+/-0.268 χ^2/NDF :570.4/13

Left: -38.871+/-0.188 χ^2/NDF : 1484.4/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.801+/-0.268 χ^2/NDF :570.4/13
 Out: -38.939+/-0.263 χ^2/NDF :913.9/15

All: -38.871+/-0.188 χ^2/NDF : 1484.4/29

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: 1.257 ± 0.181 χ^2/NDF : 114.5/15

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.180 ± 0.187 χ^2/NDF : 121.0/13

Left: 1.220 ± 0.130 χ^2/NDF : 235.6/29

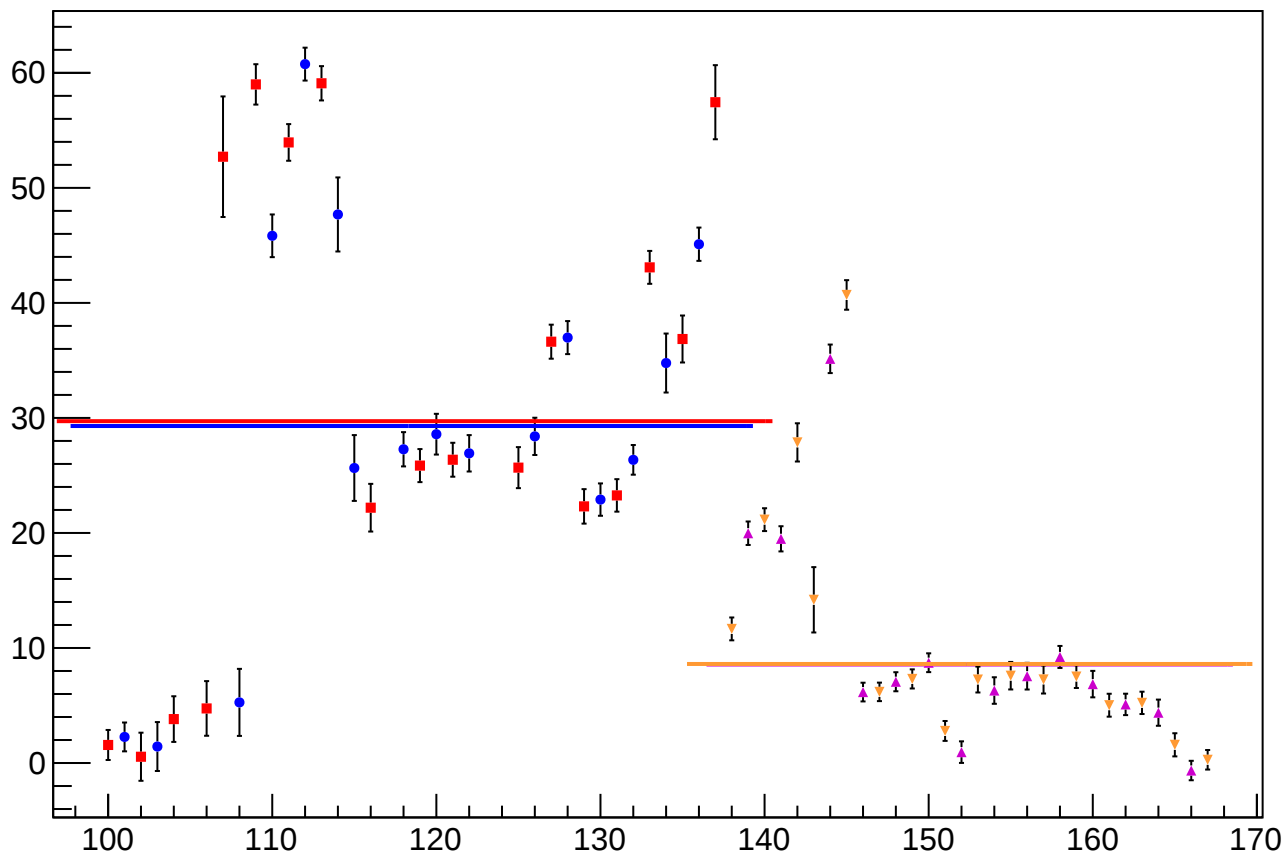
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.168 ± 0.142 χ^2/NDF : 628.3/29

Out: 2.479 ± 0.140 χ^2/NDF : 581.1/33

All: 2.325 ± 0.100 χ^2/NDF : 1211.8/63

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 8.610 ± 0.258 $\chi^2/\text{NDF}: 1161.7/15$

Right Out: 29.719 ± 0.403 $\chi^2/\text{NDF}: 2128.9/17$

Left In: 8.562 ± 0.261 $\chi^2/\text{NDF}: 915.4/13$

Left: 8.586 ± 0.183 $\chi^2/\text{NDF}: 2077.2/29$

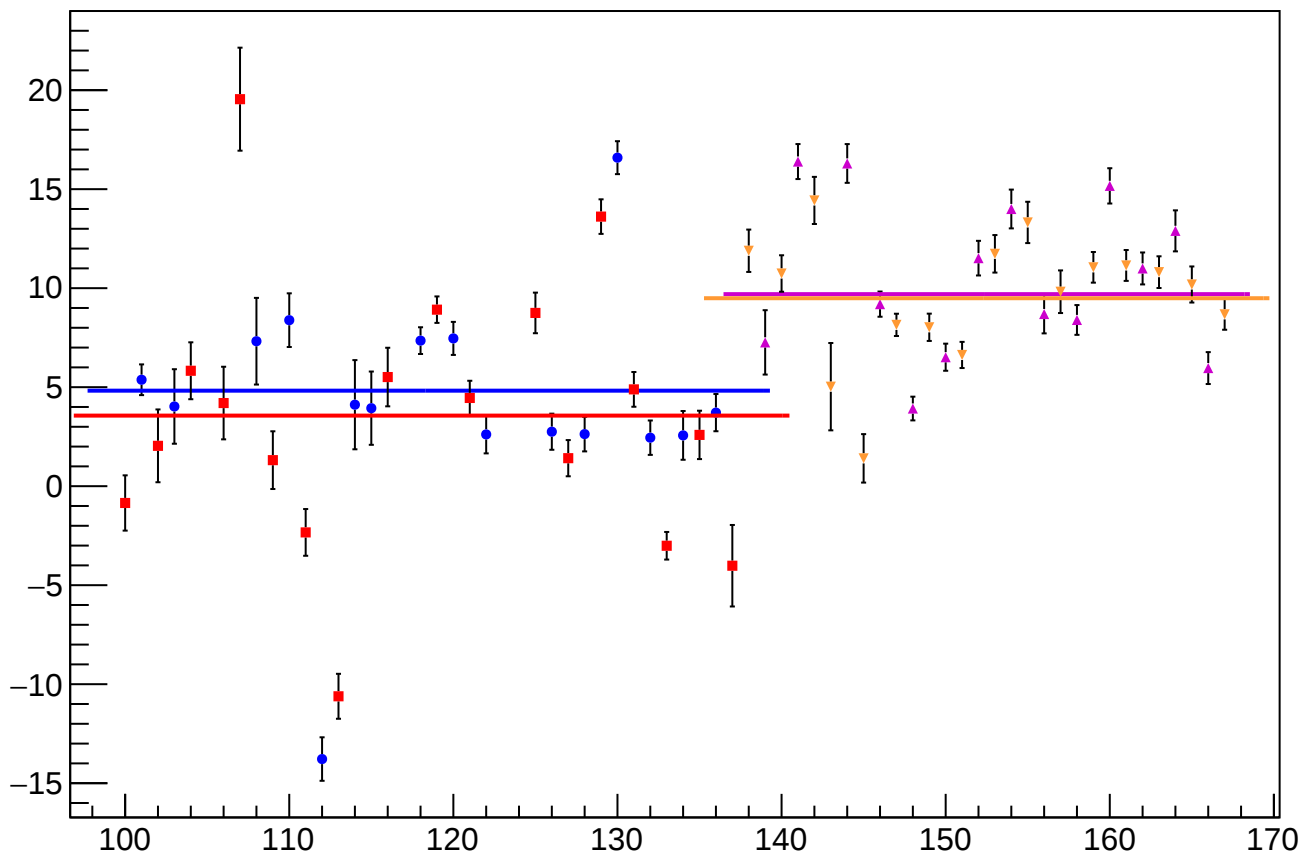
Right: 29.515 ± 0.290 $\chi^2/\text{NDF}: 3614.7/33$

In: 14.383 ± 0.221 $\chi^2/\text{NDF}: 4176.9/29$

Out: 14.744 ± 0.217 $\chi^2/\text{NDF}: 5241.2/33$

All: 14.567 ± 0.155 $\chi^2/\text{NDF}: 9419.5/63$

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: 9.493 ± 0.214 χ^2/NDF : 133.0/15

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.699 ± 0.221 χ^2/NDF : 319.2/13

Left: 9.592 ± 0.154 χ^2/NDF : 452.7/29

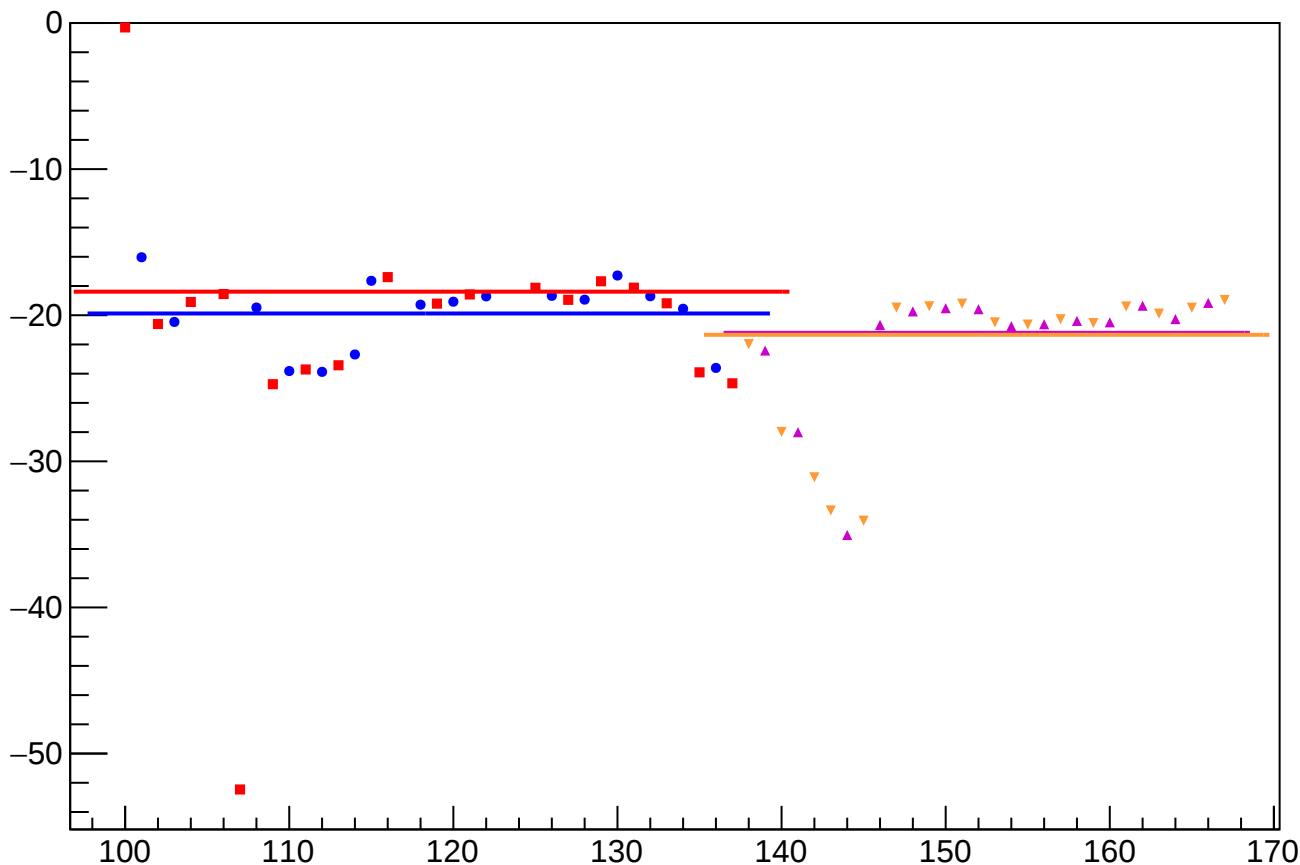
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.578 ± 0.166 χ^2/NDF : 1080.6/29

Out: 7.035 ± 0.164 χ^2/NDF : 1021.1/33

All: 7.303 ± 0.117 χ^2/NDF : 2107.1/63

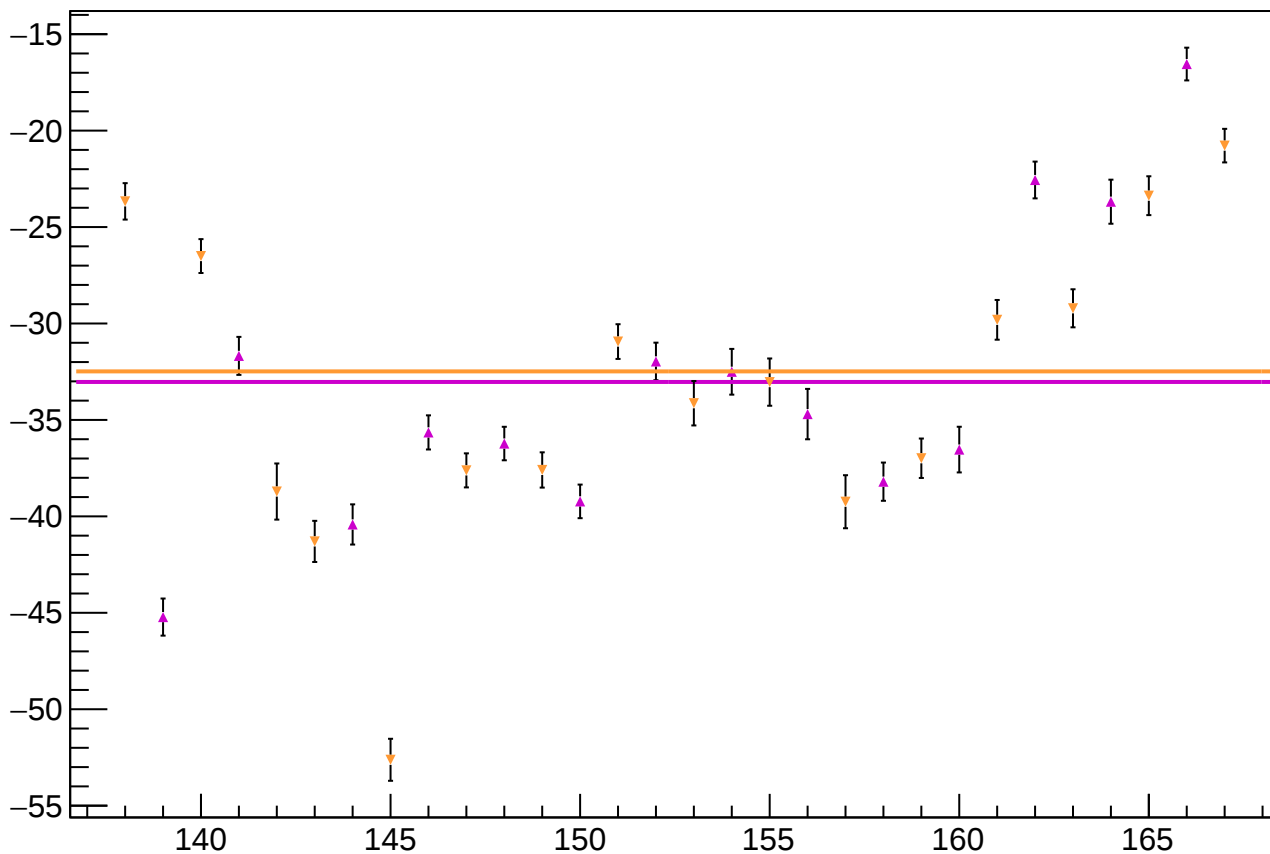
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.340 ± 0.010 $\chi^2/\text{NDF}: 140139.1/15$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.204 ± 0.010 $\chi^2/\text{NDF}: 102638.8/13$

Left: -21.273 ± 0.007 $\chi^2/\text{NDF}: 242864.2/29$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.796 ± 0.009 $\chi^2/\text{NDF}: 133716.9/29$
 Out: -20.373 ± 0.008 $\chi^2/\text{NDF}: 468379.3/33$
 All: -20.579 ± 0.006 $\chi^2/\text{NDF}: 603322.5/63$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



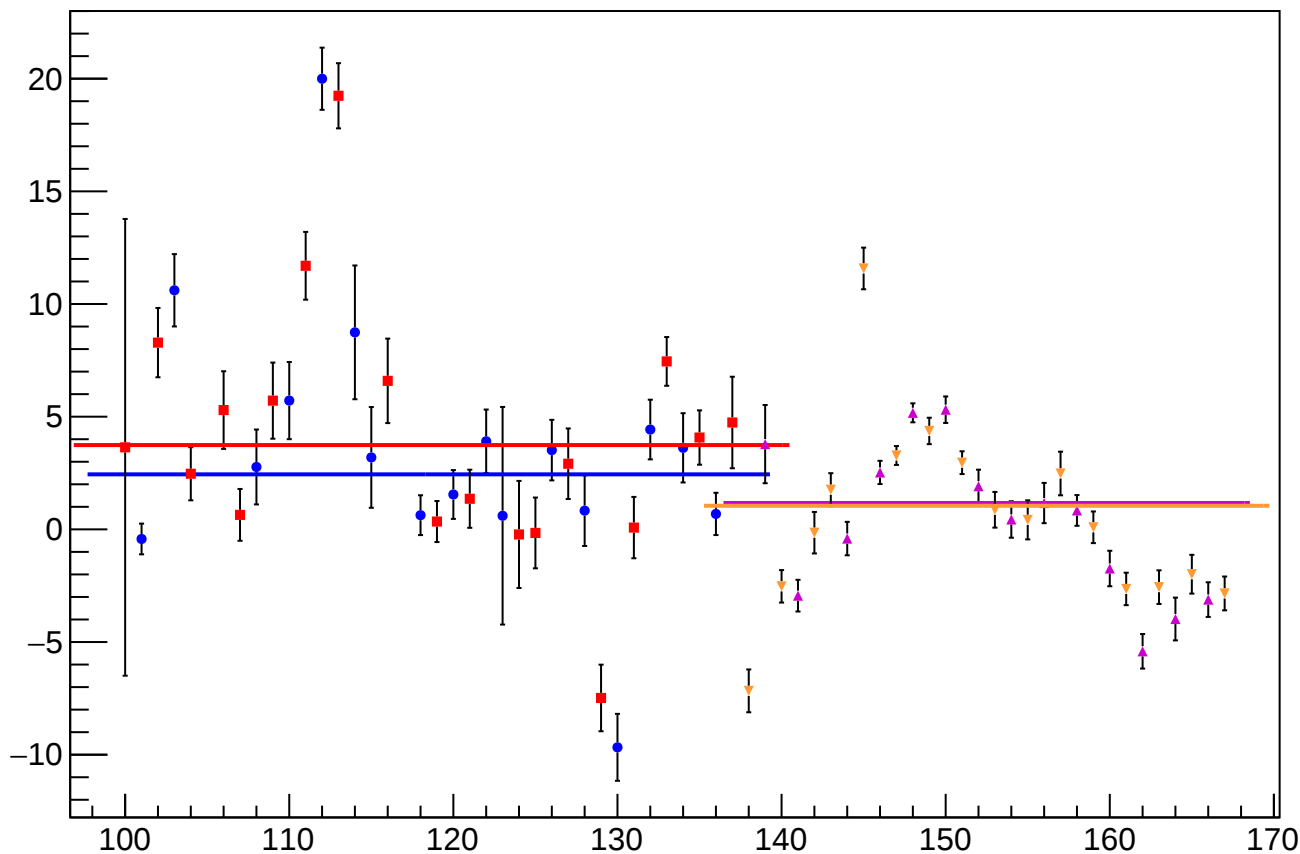
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.483+/-0.254 χ^2/NDF :956.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.031+/-0.265 χ^2/NDF :889.3/13

Left: -32.746+/-0.183 χ^2/NDF : 1847.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.031+/-0.265 χ^2/NDF :889.3/13
 Out: -32.483+/-0.254 χ^2/NDF :956.2/15

All: -32.746+/-0.183 χ^2/NDF : 1847.8/29

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: 1.047 ± 0.175 χ^2/NDF : 400.2/15

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.170 ± 0.185 χ^2/NDF : 337.7/13

Left: 1.105 ± 0.127 χ^2/NDF : 738.1/29

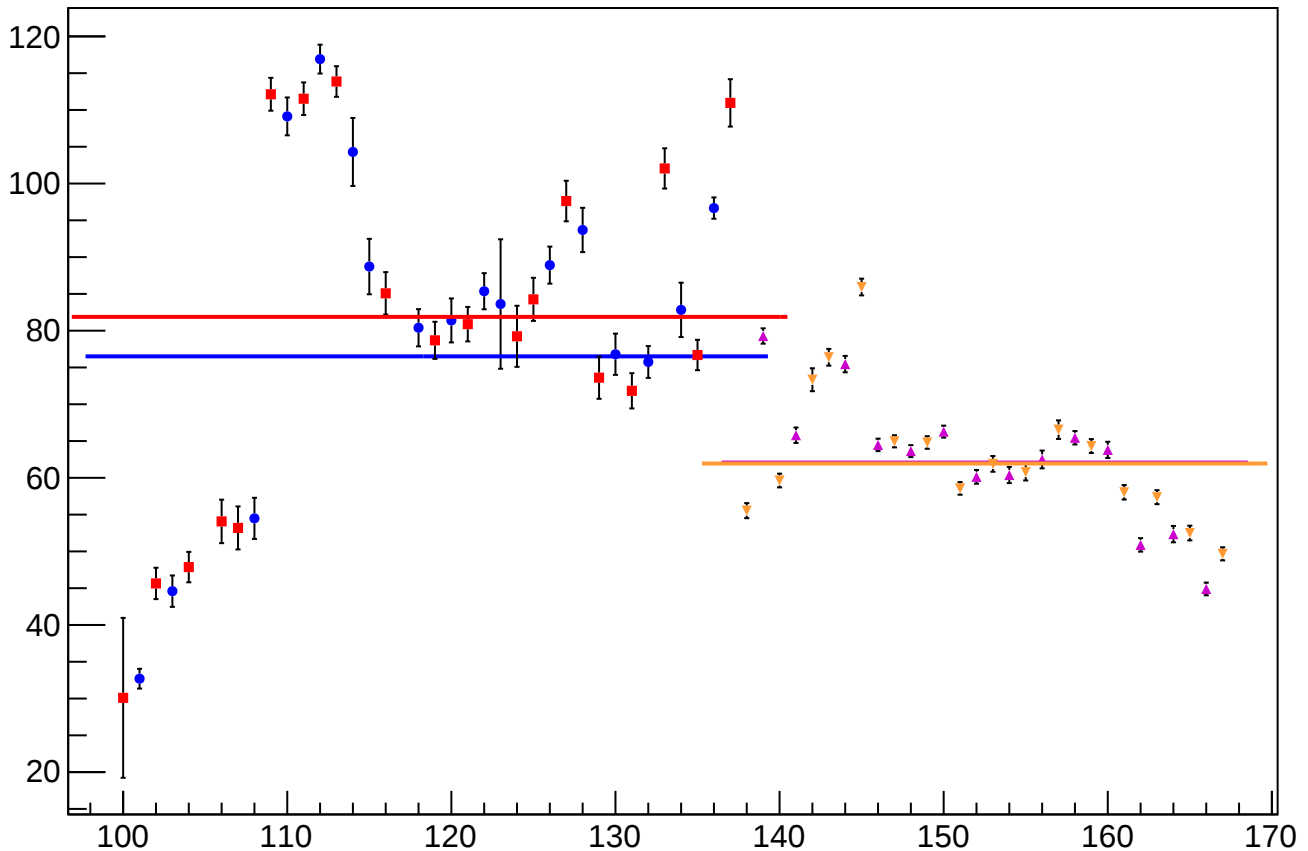
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.501 ± 0.159 χ^2/NDF : 644.7/30

Out: 1.648 ± 0.154 χ^2/NDF : 721.2/34

All: 1.577 ± 0.111 χ^2/NDF : 1366.3/65

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 ± 0.574 $\chi^2/\text{NDF}: 2250.9/16$

Left Out: 61.945 ± 0.250 $\chi^2/\text{NDF}: 1083.2/15$

Right Out: 81.875 ± 0.592 $\chi^2/\text{NDF}: 1570.7/18$

Left In: 62.077 ± 0.258 $\chi^2/\text{NDF}: 1110.9/13$

Left: 62.009 ± 0.179 $\chi^2/\text{NDF}: 2194.3/29$

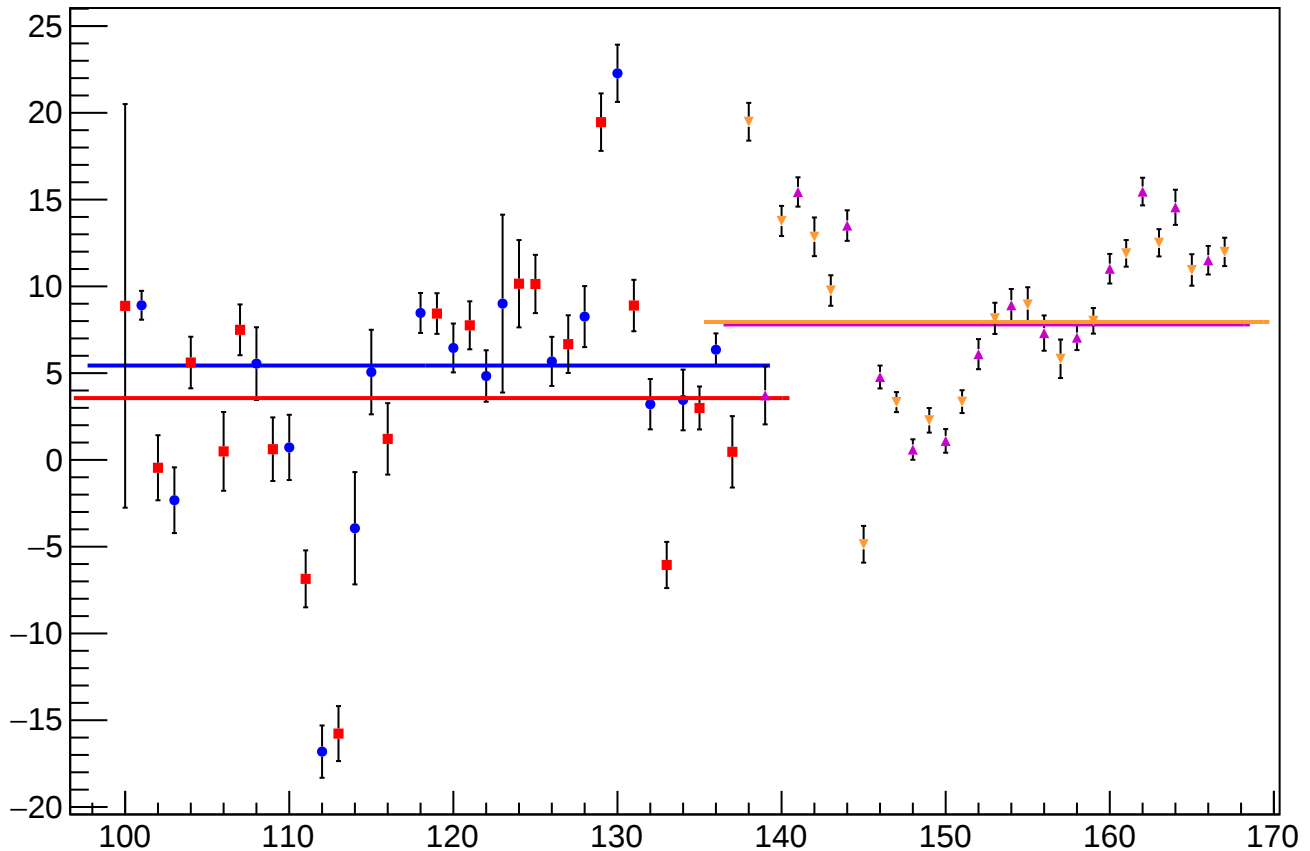
Right: 79.111 ± 0.412 $\chi^2/\text{NDF}: 3864.0/35$

In: 64.496 ± 0.235 $\chi^2/\text{NDF}: 3887.7/30$

Out: 64.960 ± 0.230 $\chi^2/\text{NDF}: 3616.8/34$

All: 64.733 ± 0.164 $\chi^2/\text{NDF}: 7506.5/65$

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: 7.948 ± 0.207 $\chi^2/\text{NDF}: 604.5/15$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 7.806 ± 0.217 $\chi^2/\text{NDF}: 574.8/13$

Left: 7.881 ± 0.150 $\chi^2/\text{NDF}: 1179.5/29$

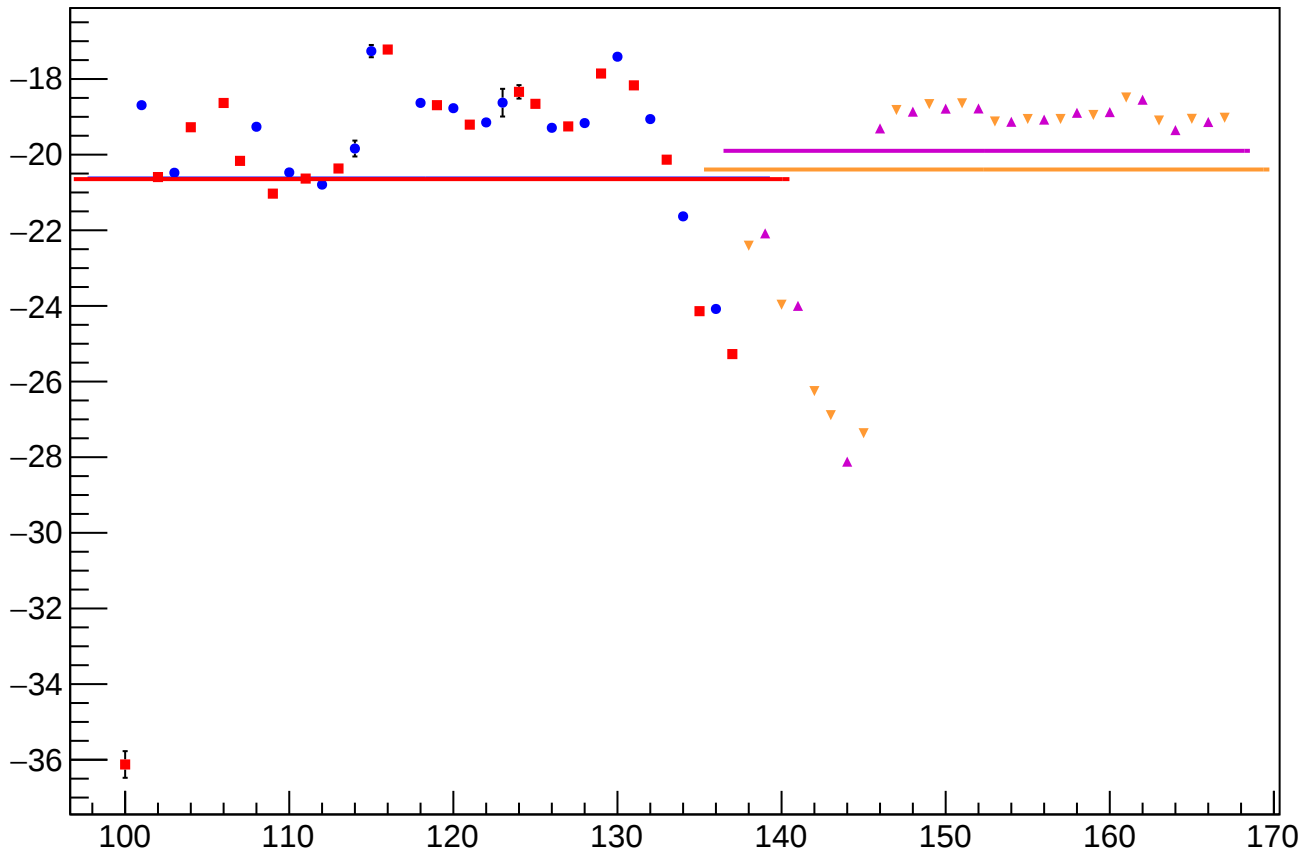
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 7.167 ± 0.186 $\chi^2/\text{NDF}: 993.0/30$

Out: 6.926 ± 0.181 $\chi^2/\text{NDF}: 1130.1/34$

All: 7.043 ± 0.130 $\chi^2/\text{NDF}: 2124.0/65$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.393+/-0.010 χ^2/NDF : 80503.6/15

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -19.899+/-0.010 χ^2/NDF : 48657.8/13

Left: -20.153+/-0.007 χ^2/NDF : 130353.1/29

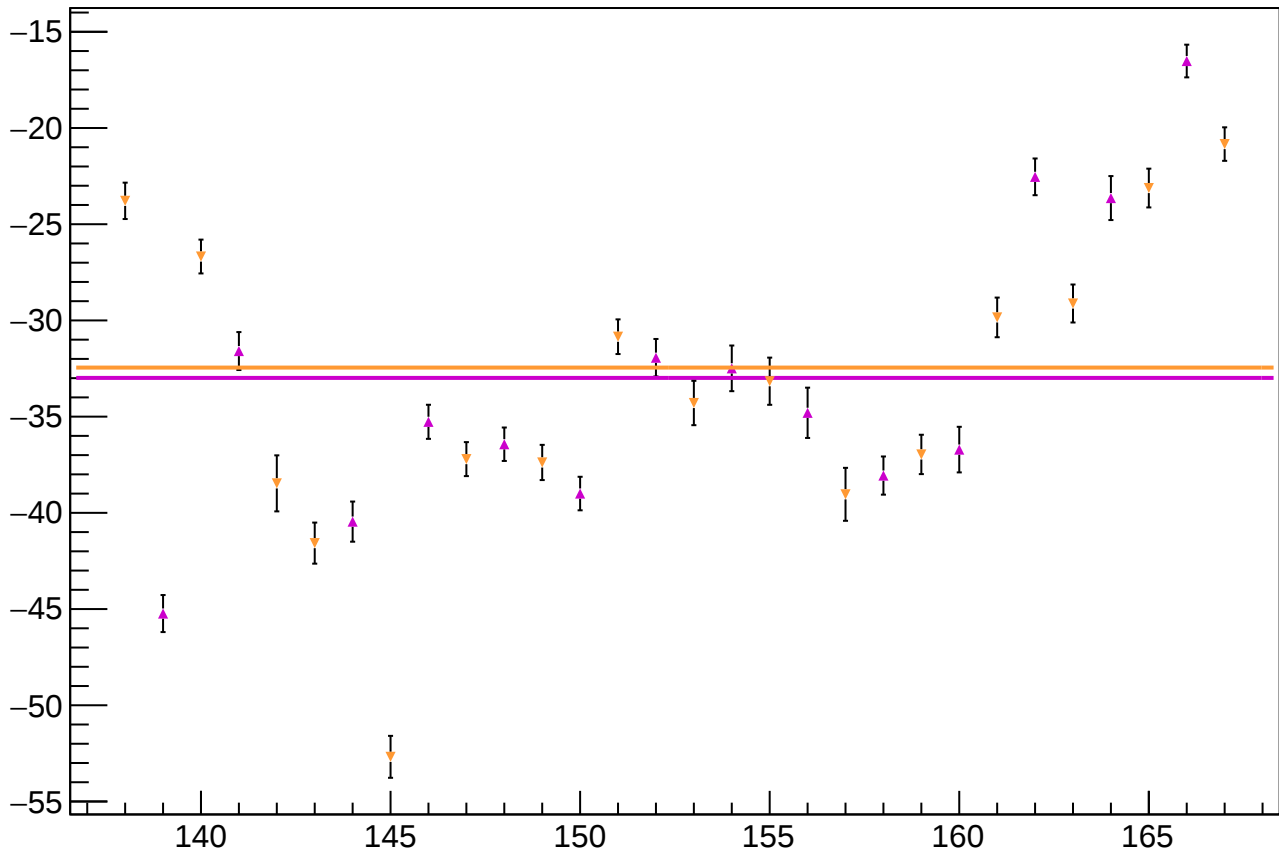
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.061+/-0.009 χ^2/NDF : 62282.6/30

Out: -20.446+/-0.009 χ^2/NDF : 94548.4/34

All: -20.258+/-0.006 χ^2/NDF : 157753.2/65

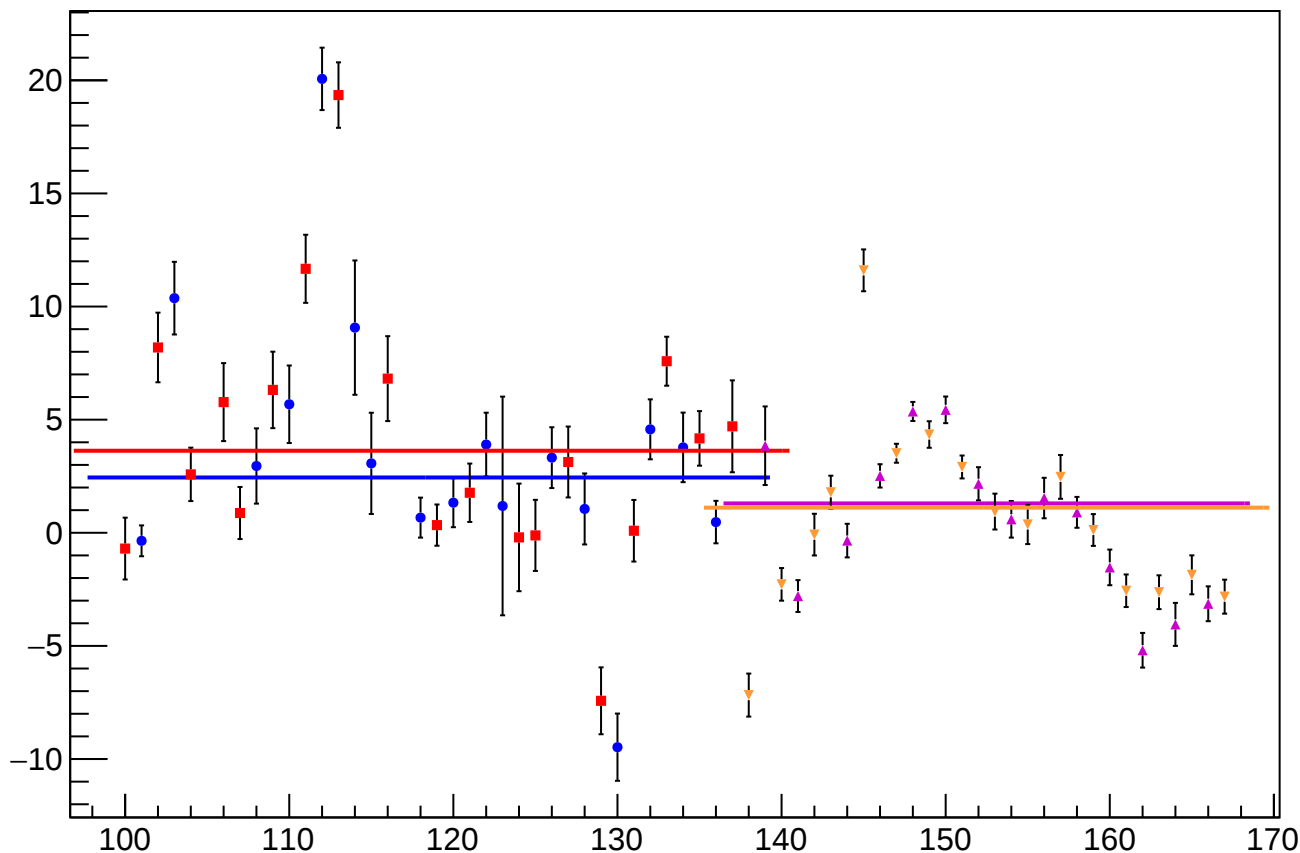
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.450+/-0.254 χ^2/NDF : 949.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.987+/-0.265 χ^2/NDF : 887.1/13

Left: -32.708+/-0.183 χ^2/NDF : 1839.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.987+/-0.265 χ^2/NDF : 887.1/13
 Out: -32.450+/-0.254 χ^2/NDF : 949.9/15
 All: -32.708+/-0.183 χ^2/NDF : 1839.1/29

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: 1.111 ± 0.175 χ^2/NDF : 400.3/15

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.298 ± 0.185 χ^2/NDF : 340.9/13

Left: 1.199 ± 0.127 χ^2/NDF : 741.7/29

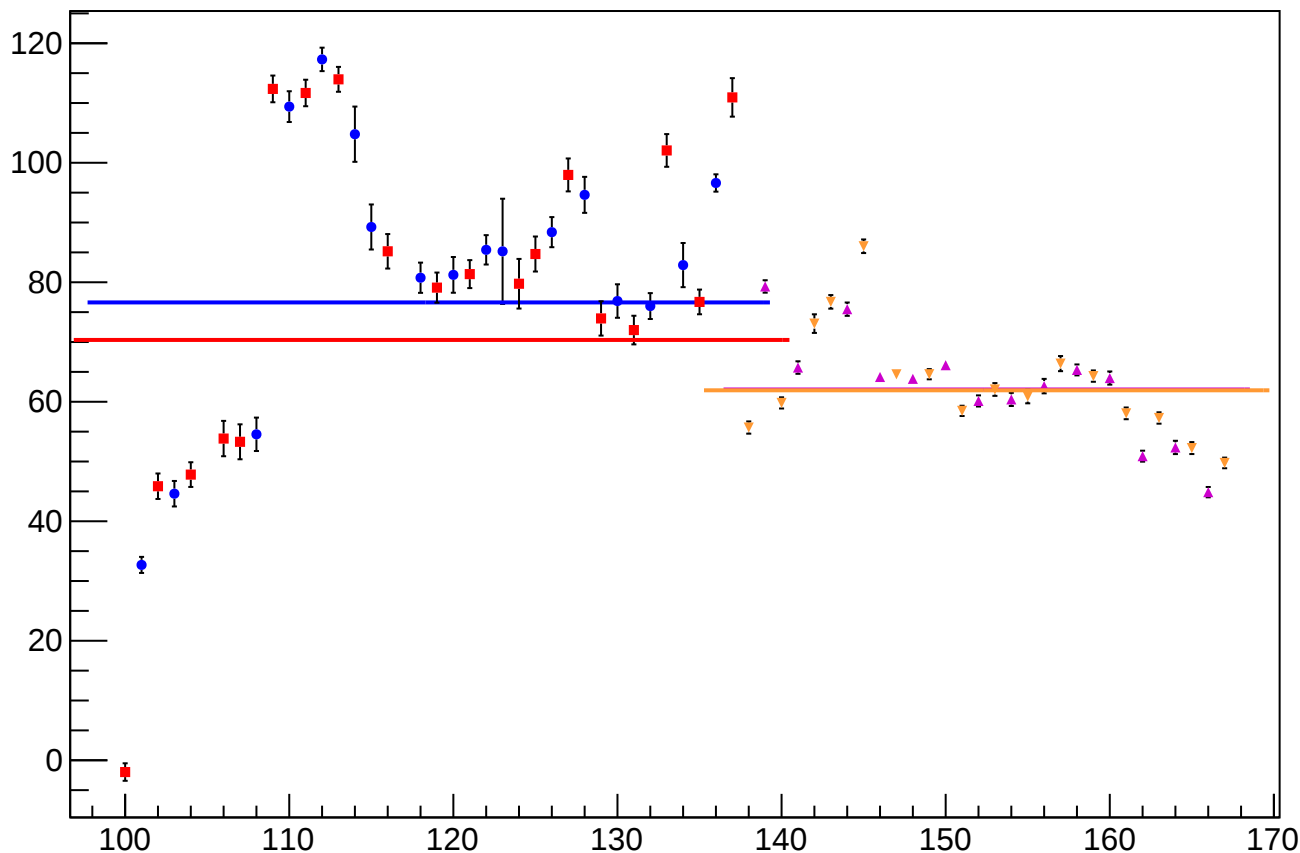
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.596 ± 0.159 χ^2/NDF : 643.6/30

Out: 1.697 ± 0.153 χ^2/NDF : 727.2/34

All: 1.648 ± 0.110 χ^2/NDF : 1371.0/65

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: 61.919 $\pm$ 0.250 χ^2 /NDF:1085.6/15

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 62.056 $\pm$ 0.258 χ^2 /NDF:1107.9/13

Left: 61.985 $\pm$ 0.179 χ^2 /NDF: 2193.6/29

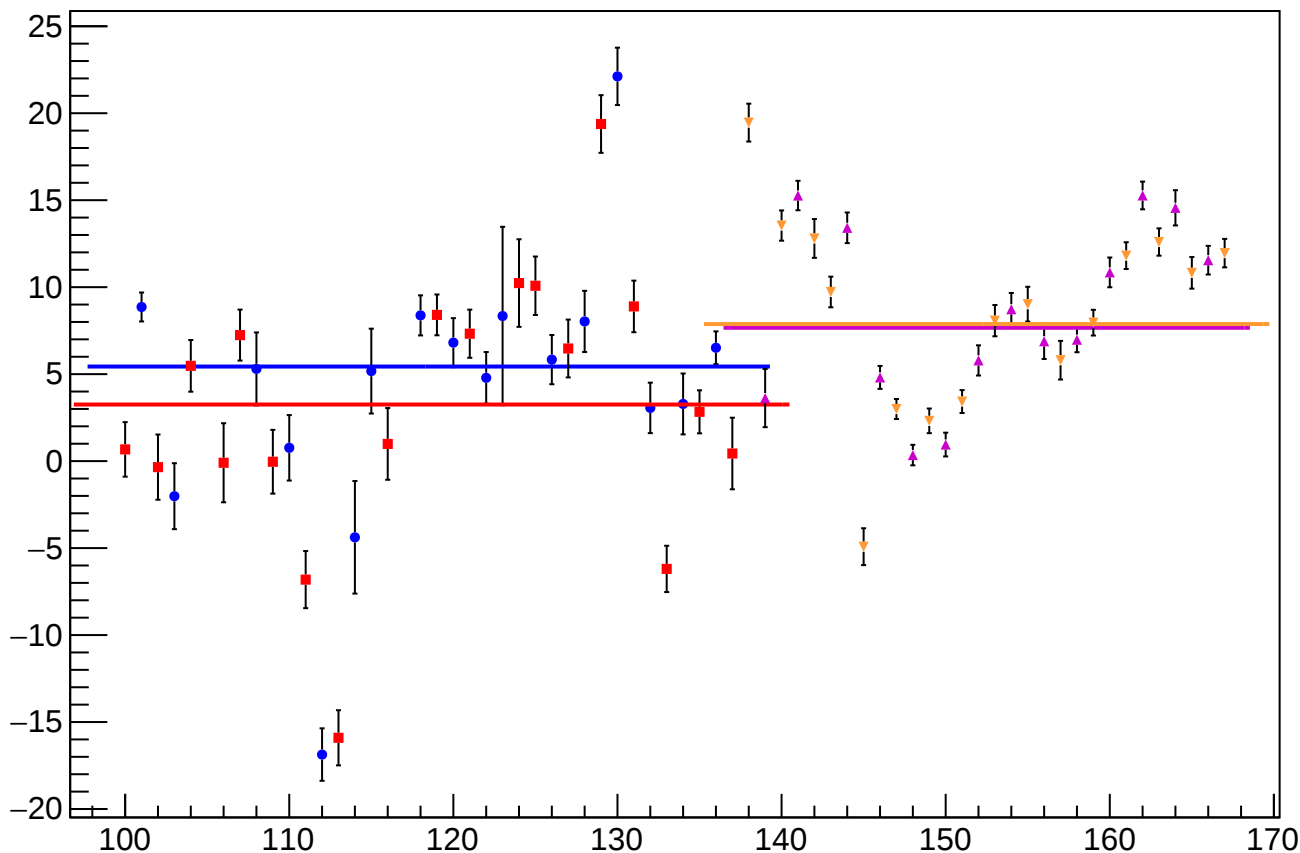
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.500 $\pm$ 0.235 χ^2 /NDF:3906.1/30

Out: 63.363 $\pm$ 0.228 χ^2 /NDF:5668.5/34

All: 63.912 $\pm$ 0.164 χ^2 /NDF: 9586.7/65

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.879 ± 0.207 $\chi^2/\text{NDF}: 607.0/15$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.666 ± 0.218 $\chi^2/\text{NDF}: 579.7/13$

Left: 7.778 ± 0.150 $\chi^2/\text{NDF}: 1187.2/29$

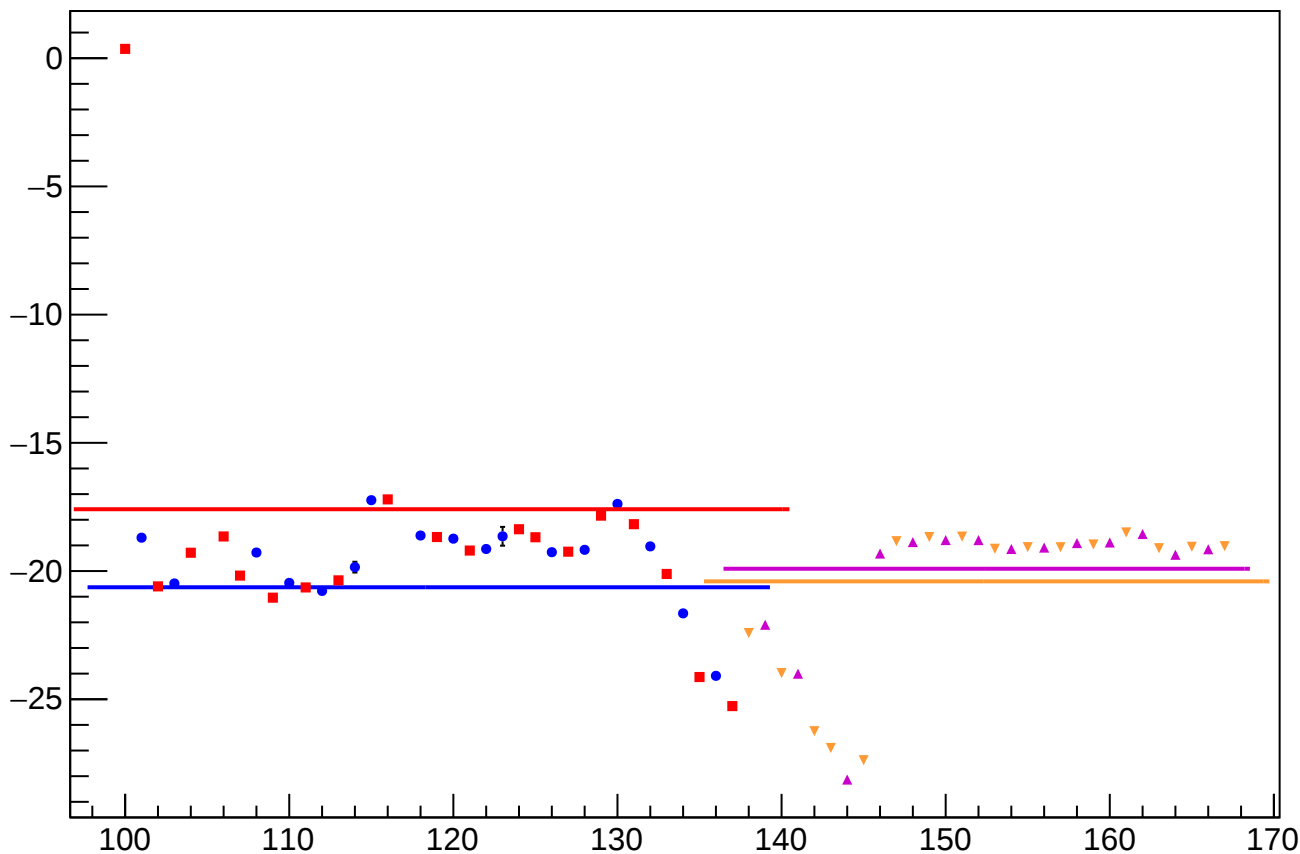
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.065 ± 0.186 $\chi^2/\text{NDF}: 992.5/30$

Out: 6.754 ± 0.180 $\chi^2/\text{NDF}: 1152.2/34$

All: 6.904 ± 0.129 $\chi^2/\text{NDF}: 2146.1/65$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.402 $\pm$ 0.010 χ^2 /NDF: 80376.4/15

Right Out: -17.589 $\pm$ 0.018 χ^2 /NDF: 178672.3/18

Left In: -19.910 $\pm$ 0.010 χ^2 /NDF: 48585.4/13

Left: -20.164 $\pm$ 0.007 χ^2 /NDF: 130143.2/29

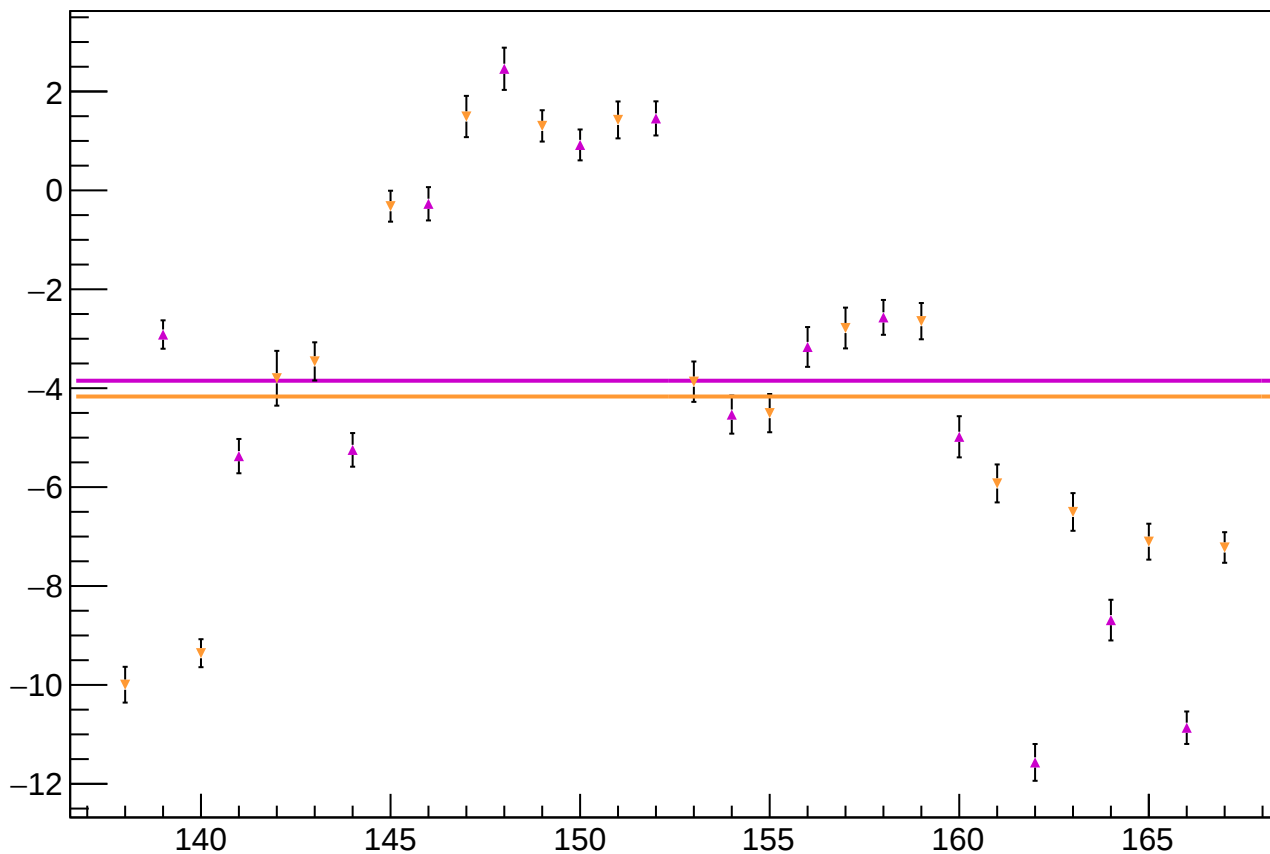
Right: -19.006 $\pm$ 0.013 χ^2 /NDF: 204500.0/35

In: -20.070 $\pm$ 0.009 χ^2 /NDF: 62219.0/30

Out: -19.743 $\pm$ 0.009 χ^2 /NDF: 277721.7/34

All: -19.900 $\pm$ 0.006 χ^2 /NDF: 340615.0/65

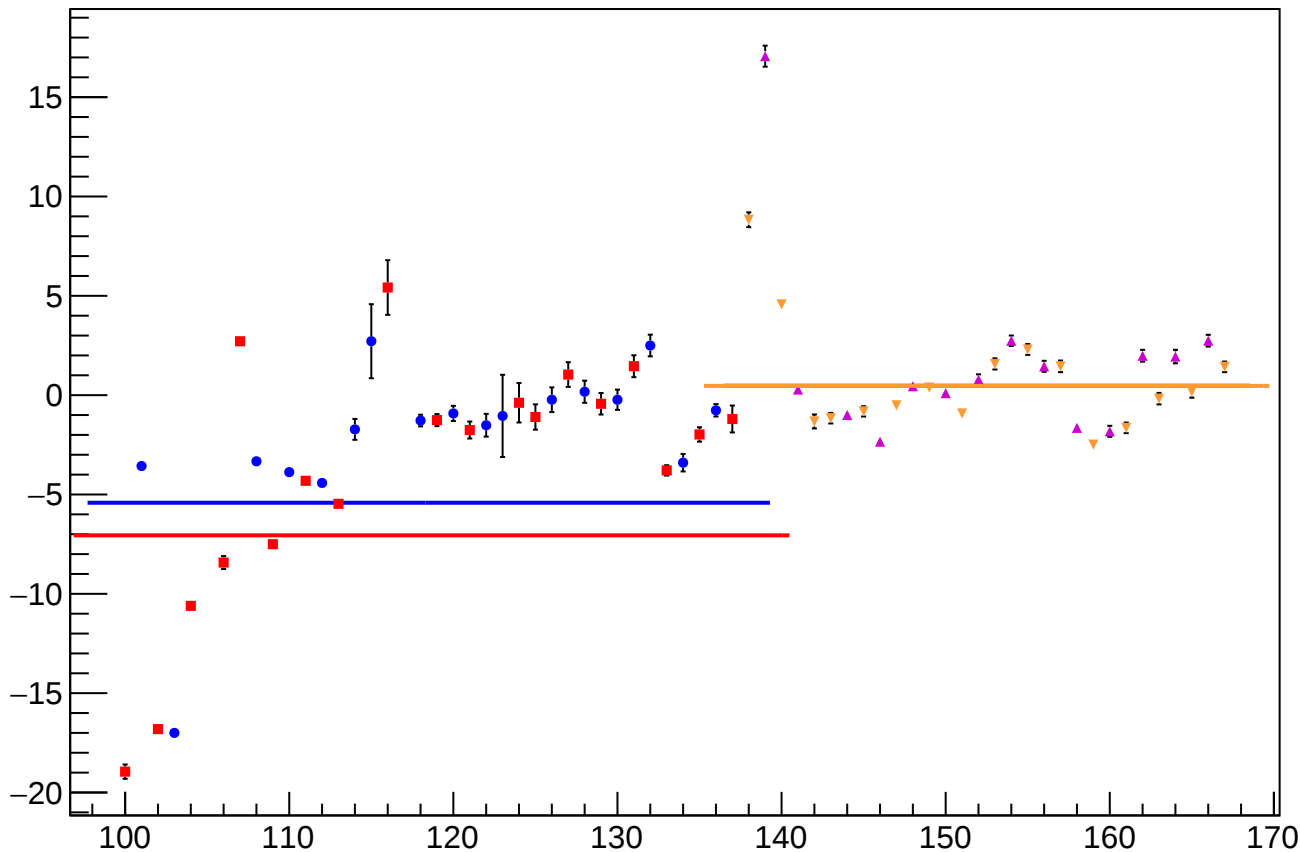
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.168+/-0.091 χ^2/NDF : 1709.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.849+/-0.095 χ^2/NDF : 1899.2/13

Left: -4.015+/-0.066 χ^2/NDF : 3614.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.849+/-0.095 χ^2/NDF : 1899.2/13
 Out: -4.168+/-0.091 χ^2/NDF : 1709.2/15
 All: -4.015+/-0.066 χ^2/NDF : 3614.3/29

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.467 ± 0.065 χ^2/NDF : 1243.1/15

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.475 ± 0.070 χ^2/NDF : 1532.0/13

Left: 0.471 ± 0.048 χ^2/NDF : 2775.1/29

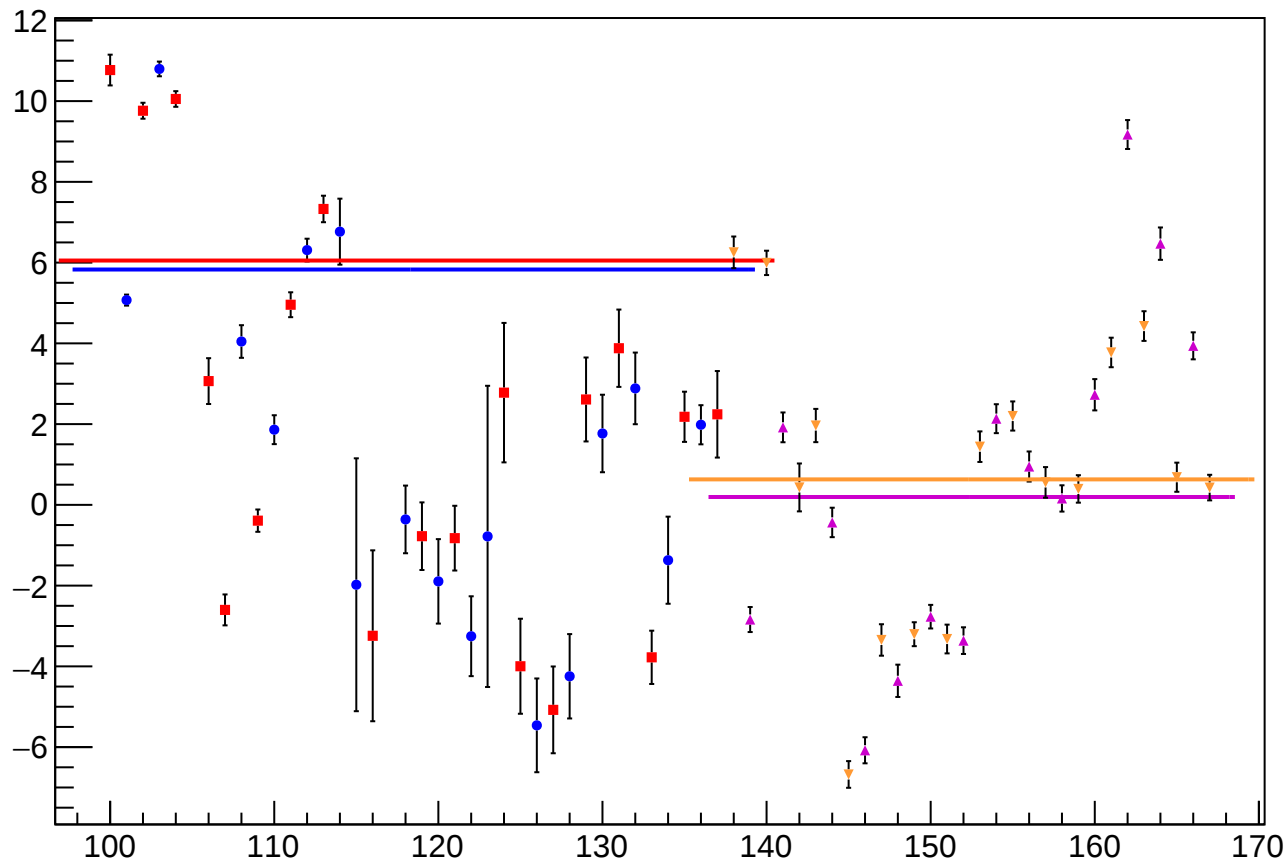
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.163 ± 0.043 χ^2/NDF : 15211.6/30

Out: -3.673 ± 0.044 χ^2/NDF : 20885.4/34

All: -3.413 ± 0.031 χ^2/NDF : 36166.0/65

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.631 $\pm$ 0.090 χ^2/NDF :1621.2/15

Right Out: 6.051 $\pm$ 0.093 χ^2/NDF : 2674.1/18

Left In: 0.195 $\pm$ 0.093 χ^2/NDF :1921.5/13

Left: 0.420 $\pm$ 0.065 χ^2/NDF : 3554.1/29

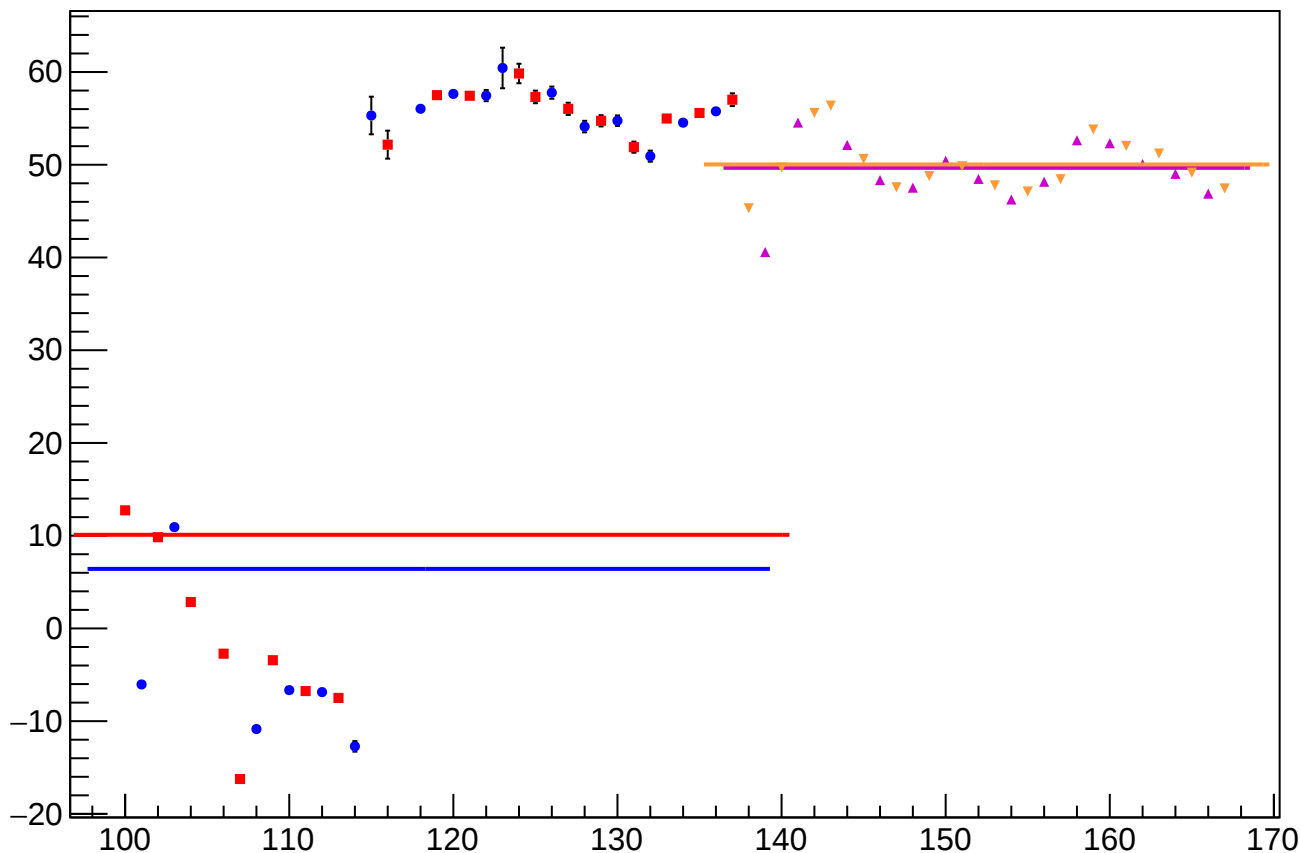
Right: 5.936 $\pm$ 0.065 χ^2/NDF : 4125.3/35

In: 3.111 $\pm$ 0.064 χ^2/NDF :5276.4/30

Out: 3.238 $\pm$ 0.065 χ^2/NDF :6047.4/34

All: 3.174 $\pm$ 0.046 χ^2/NDF : 11325.7/65

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: 50.031 ± 0.076 χ^2/NDF : 1311.9/15

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.669 ± 0.080 χ^2/NDF : 1202.5/13

Left: 49.860 ± 0.055 χ^2/NDF : 2525.1/29

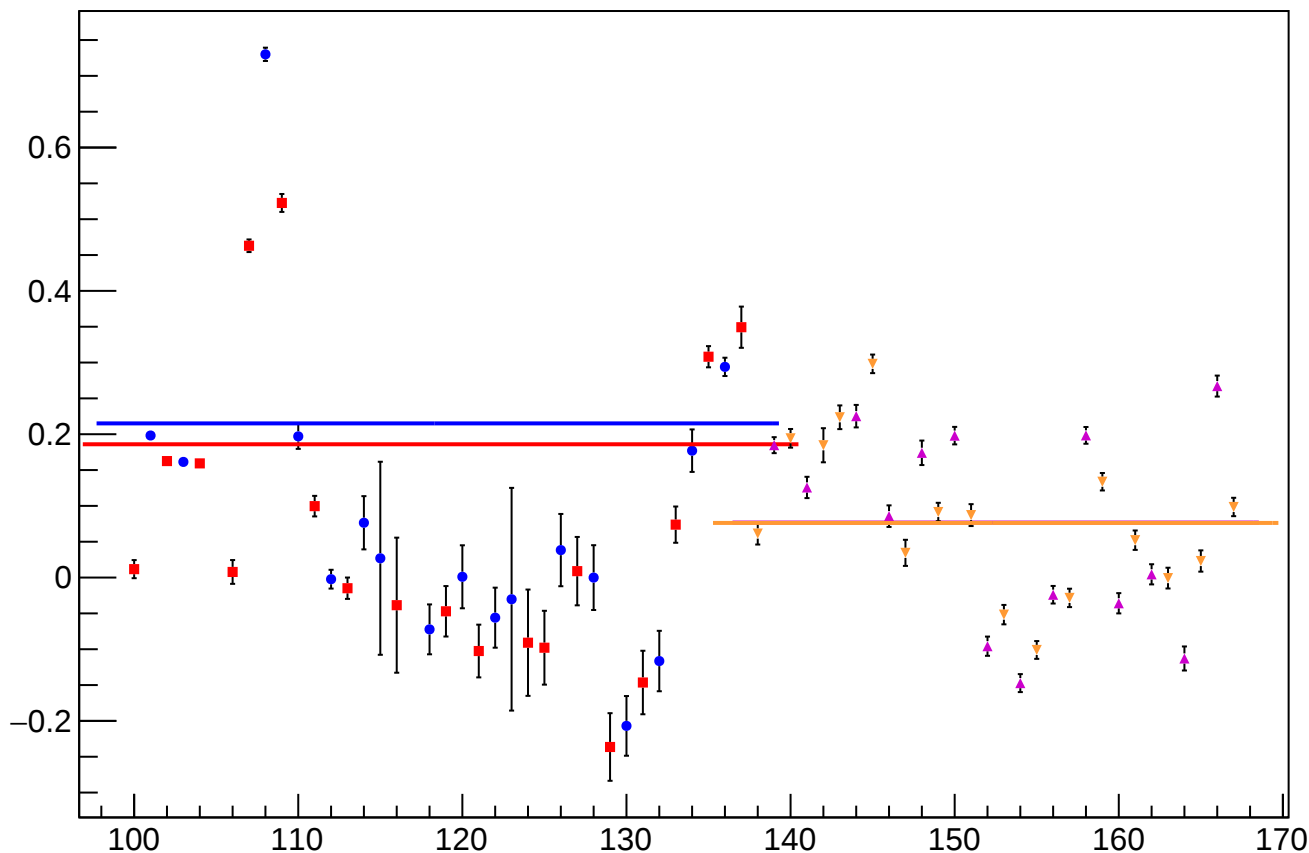
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 23.471 ± 0.050 χ^2/NDF : 300286.6/30

Out: 28.391 ± 0.051 χ^2/NDF : 273779.1/34

All: 25.886 ± 0.036 χ^2/NDF : 578747.1/65

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.076 ± 0.004 χ^2/NDF : 912.6/15

Right Out: 0.186 ± 0.003 χ^2/NDF : 2719.3/18

Left In: 0.077 ± 0.004 χ^2/NDF : 1372.4/13

Left: 0.076 ± 0.003 χ^2/NDF : 2285.0/29

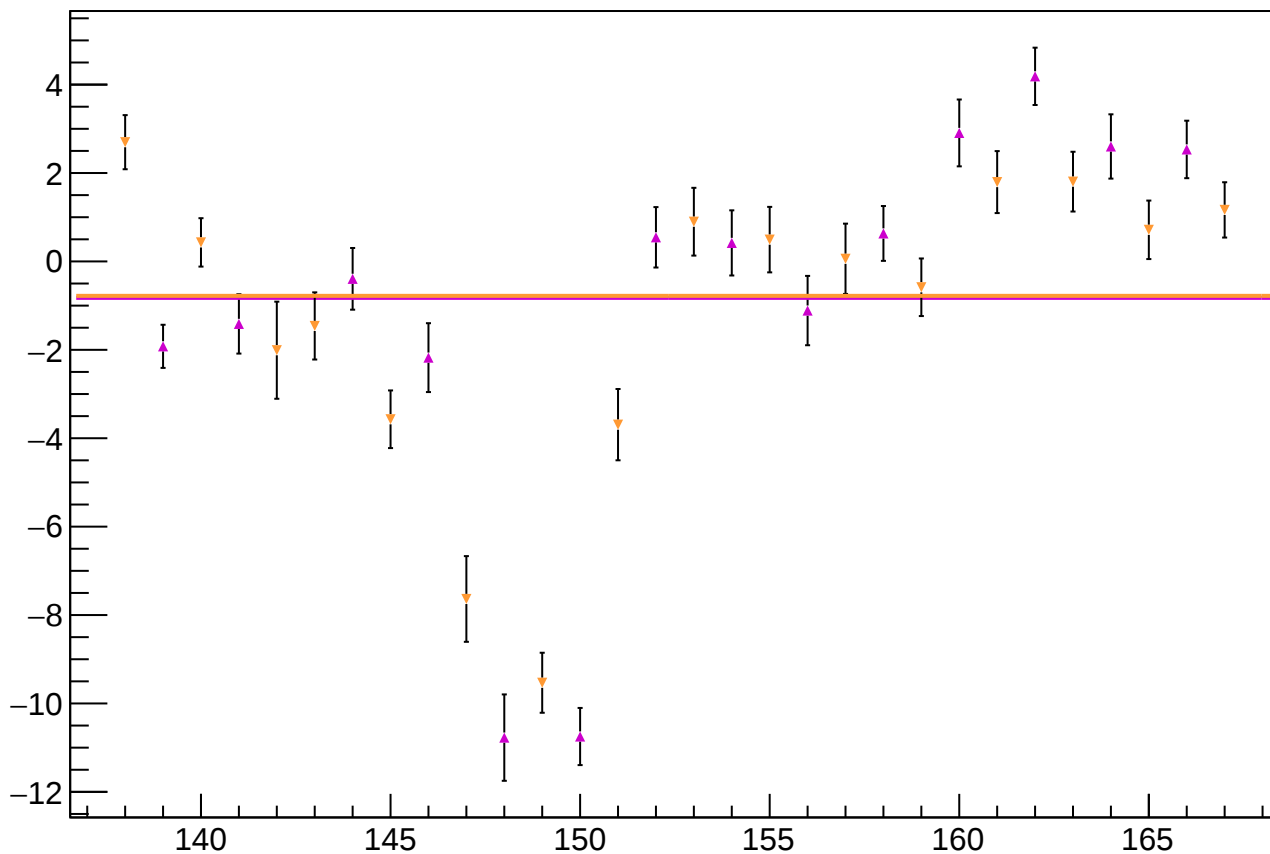
Right: 0.200 ± 0.002 χ^2/NDF : 6703.5/35

In: 0.164 ± 0.002 χ^2/NDF : 6213.5/30

Out: 0.146 ± 0.002 χ^2/NDF : 4245.1/34

All: 0.155 ± 0.002 χ^2/NDF : 10496.1/65

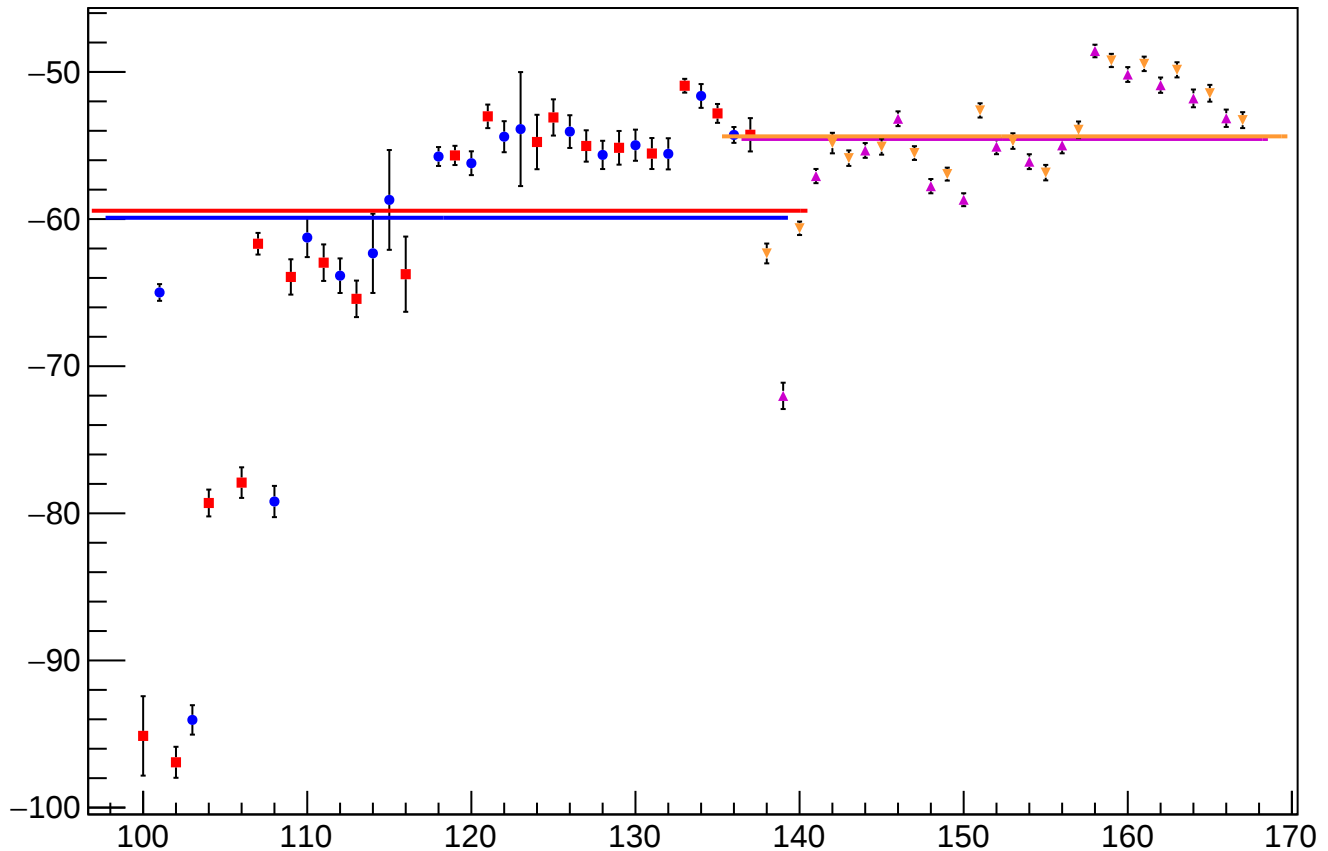
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.779 $\pm$ 0.176 χ^2 /NDF:338.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13

Left: -0.801 $\pm$ 0.127 χ^2 /NDF: 832.6/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13
 Out: -0.779 $\pm$ 0.176 χ^2 /NDF:338.6/15
 All: -0.801 $\pm$ 0.127 χ^2 /NDF: 832.6/29

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: -54.378 ± 0.129 χ^2/NDF : 752.0/15

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.553 ± 0.138 χ^2/NDF : 905.7/13

Left: -54.460 ± 0.094 χ^2/NDF : 1658.5/29

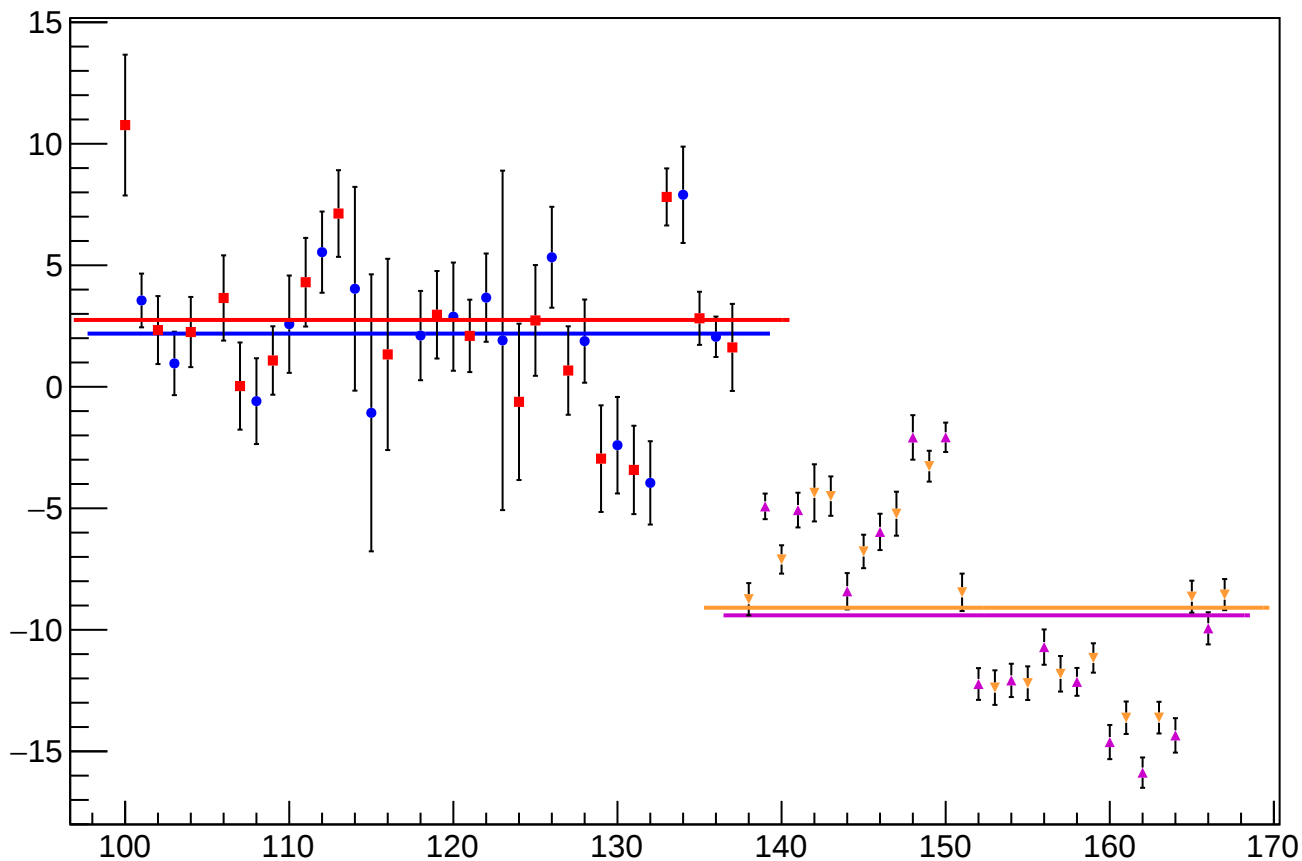
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.033 ± 0.117 χ^2/NDF : 3303.5/30

Out: -55.754 ± 0.110 χ^2/NDF : 4085.7/34

All: -55.886 ± 0.080 χ^2/NDF : 7392.2/65

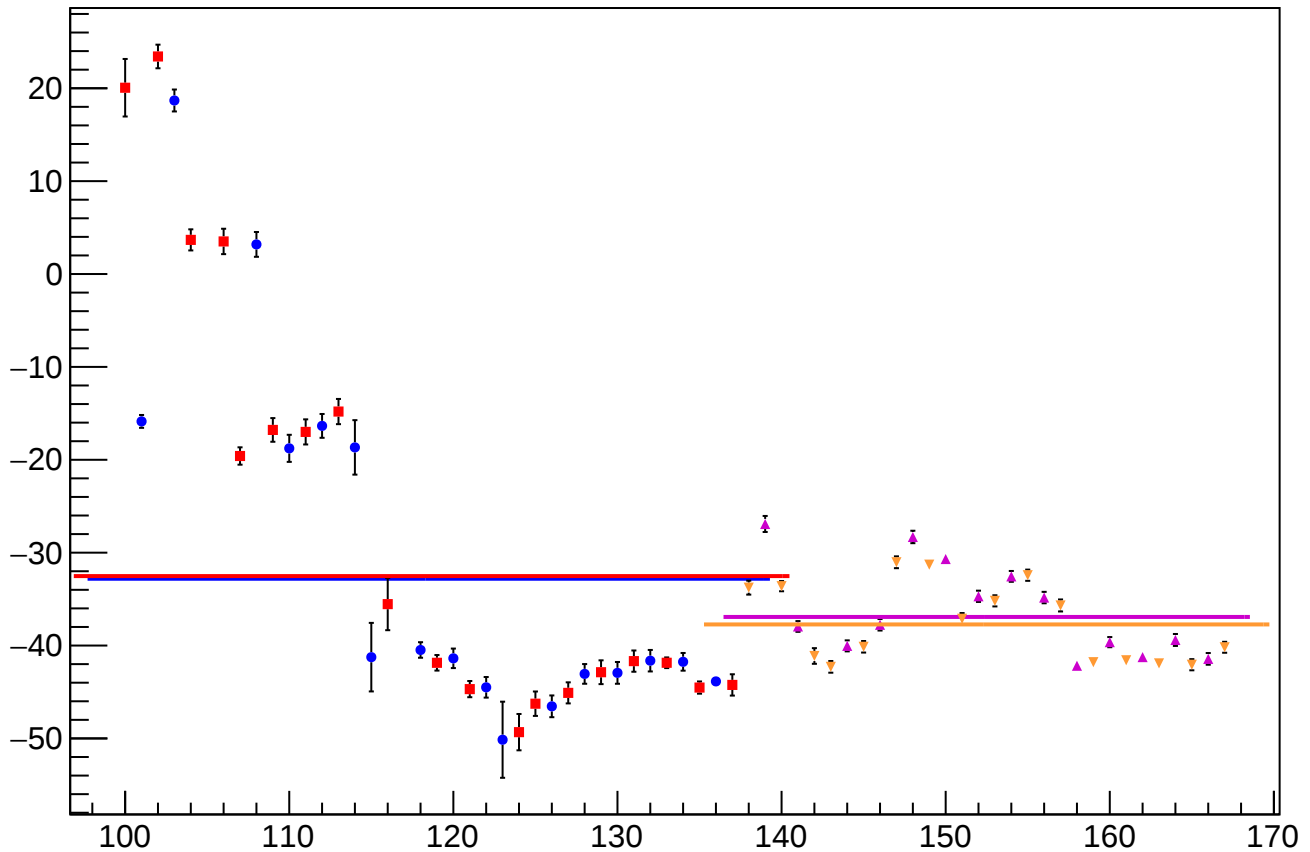
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.090 ± 0.174 $\chi^2/\text{NDF}: 336.7/15$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -9.404 ± 0.179 $\chi^2/\text{NDF}: 614.4/13$

Left: -9.243 ± 0.125 $\chi^2/\text{NDF}: 952.7/29$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -7.513 ± 0.163 $\chi^2/\text{NDF}: 1340.7/30$
 Out: -7.099 ± 0.159 $\chi^2/\text{NDF}: 1172.6/34$
 All: -7.300 ± 0.114 $\chi^2/\text{NDF}: 2516.7/65$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.727 ± 0.149 $\chi^2/\text{NDF}: 789.2/15$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.920 ± 0.157 $\chi^2/\text{NDF}: 853.1/13$

Left: -37.345 ± 0.108 $\chi^2/\text{NDF}: 1656.2/29$

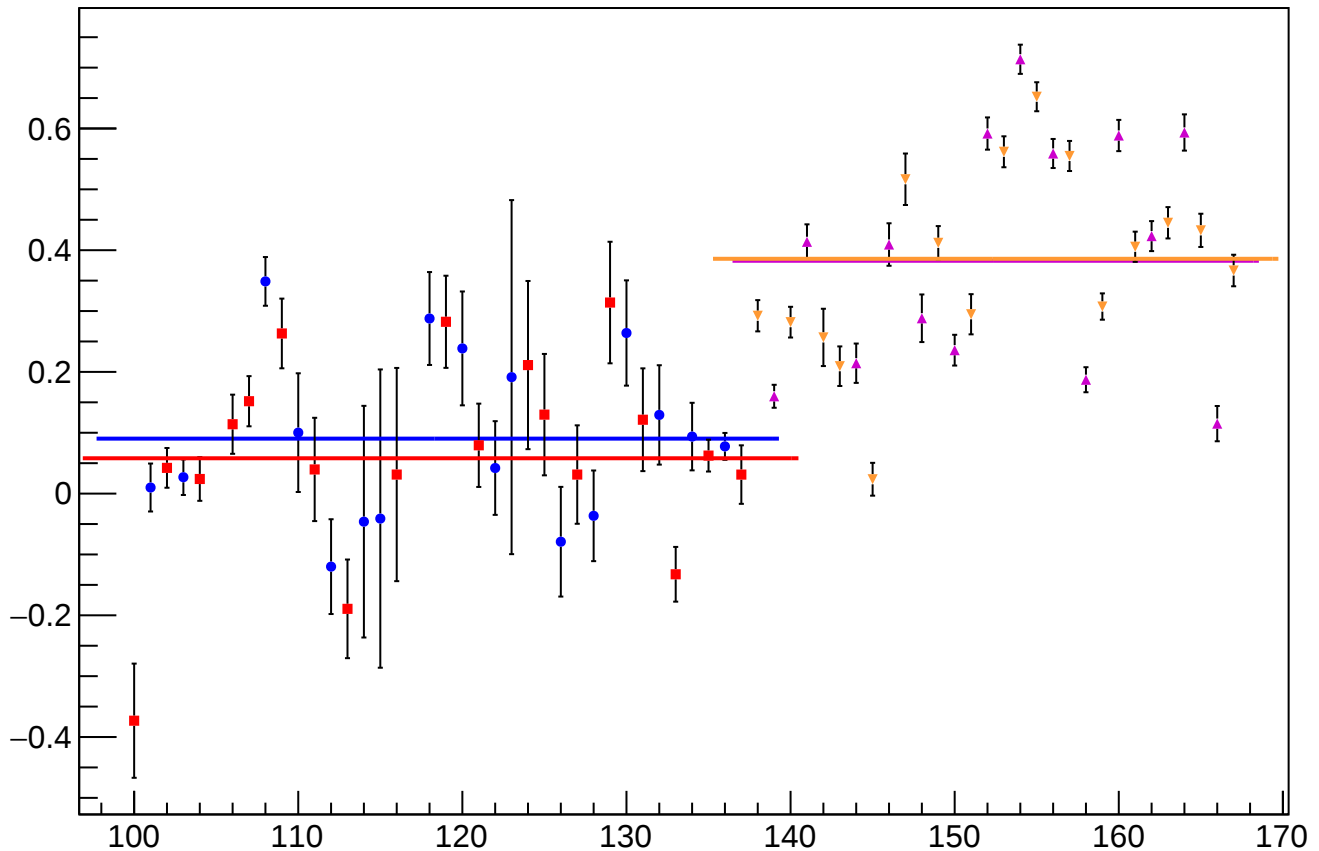
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.788 ± 0.133 $\chi^2/\text{NDF}: 5705.6/30$

Out: -36.317 ± 0.127 $\chi^2/\text{NDF}: 7162.1/34$

All: -36.066 ± 0.092 $\chi^2/\text{NDF}: 12876.0/65$

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: 0.386 ± 0.007 $\chi^2/\text{NDF}: 507.7/15$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.383 ± 0.007 $\chi^2/\text{NDF}: 807.6/13$

Left: 0.384 ± 0.005 $\chi^2/\text{NDF}: 1315.4/29$

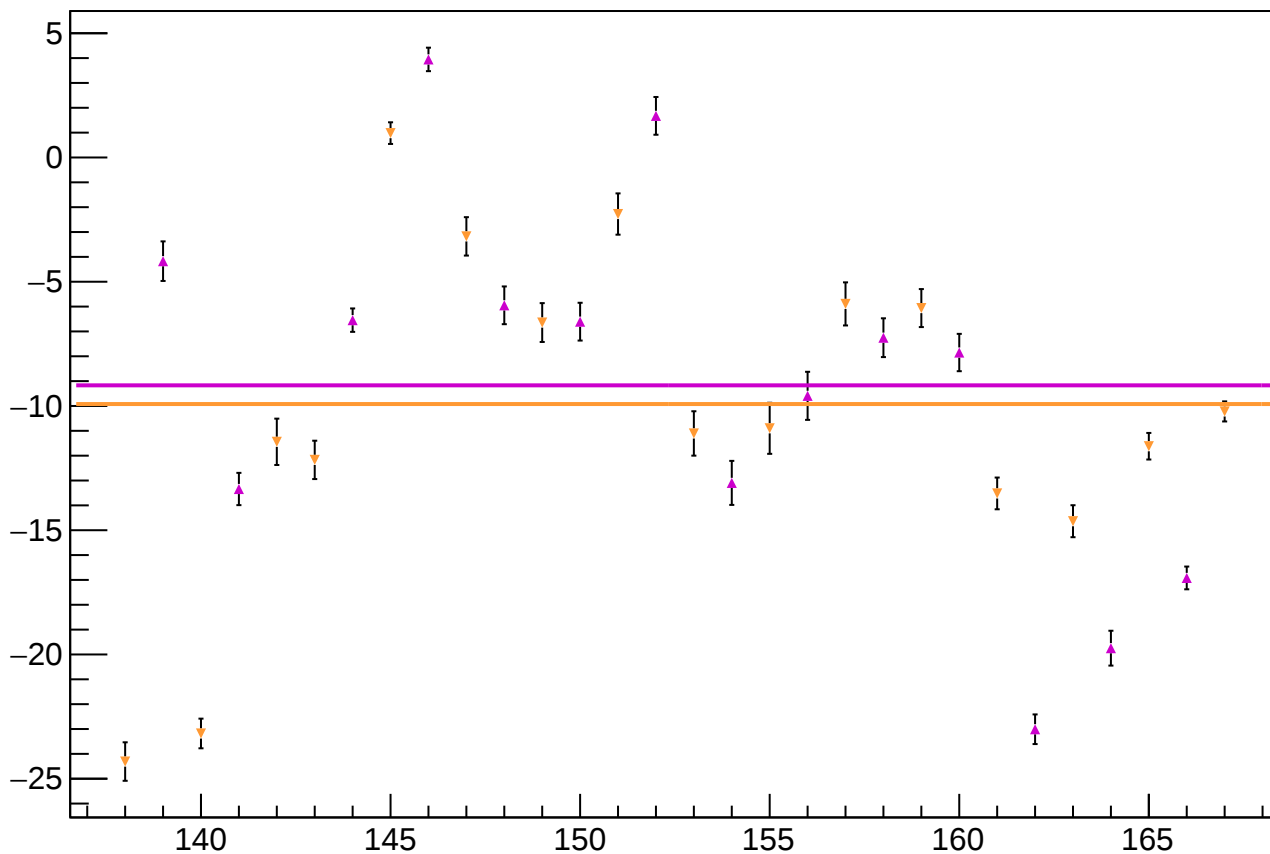
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.316 ± 0.006 $\chi^2/\text{NDF}: 1293.7/30$

Out: 0.308 ± 0.006 $\chi^2/\text{NDF}: 1150.3/34$

All: 0.312 ± 0.004 $\chi^2/\text{NDF}: 2444.8/65$

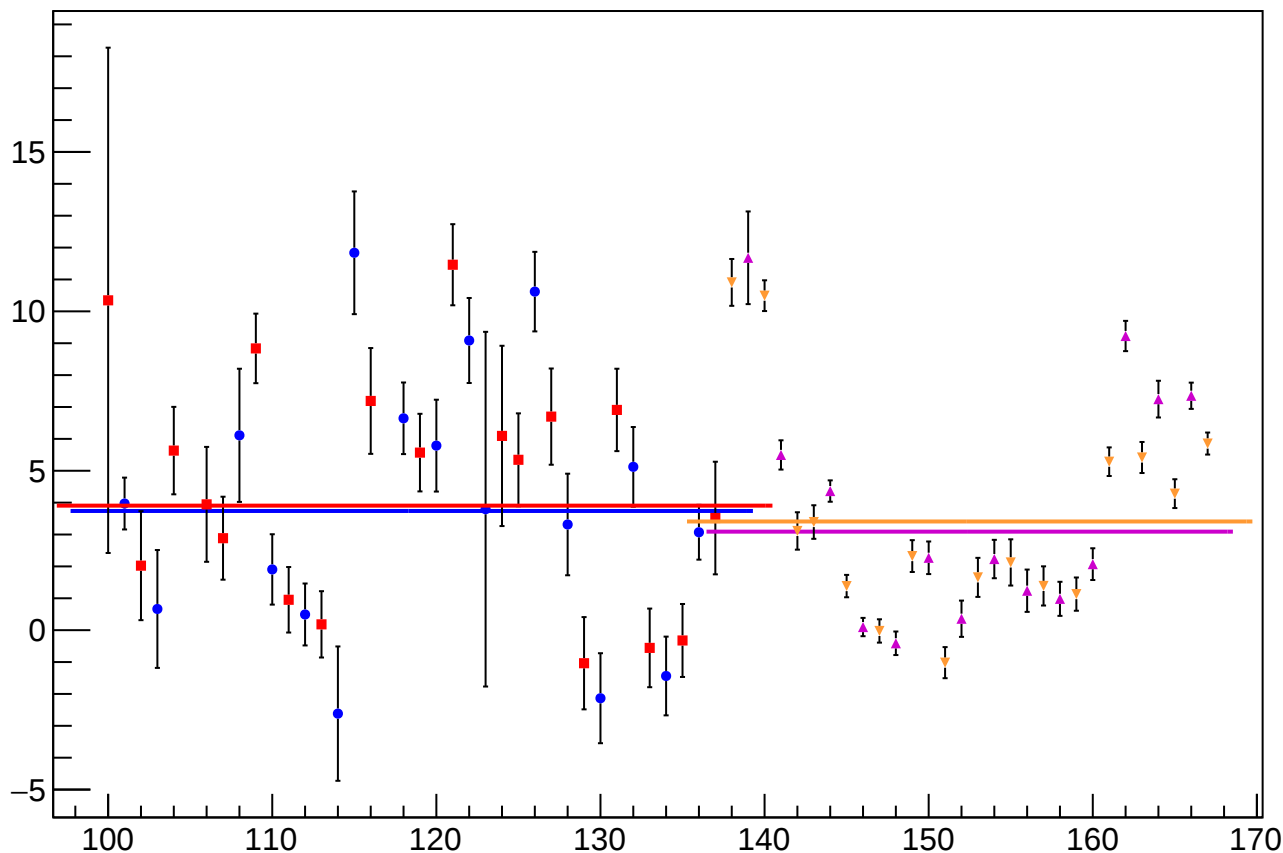
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.922+/-0.164 χ^2/NDF :1799.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.170+/-0.173 χ^2/NDF :2196.3/13

Left: -9.565+/-0.119 χ^2/NDF : 4005.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.170+/-0.173 χ^2/NDF :2196.3/13
 Out: -9.922+/-0.164 χ^2/NDF :1799.4/15
 All: -9.565+/-0.119 χ^2/NDF : 4005.7/29

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 3.409 $\pm$ 0.120 χ^2 /NDF: 658.0/15

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 3.090 $\pm$ 0.123 χ^2 /NDF: 656.9/13

Left: 3.254 $\pm$ 0.086 χ^2 /NDF: 1318.3/29

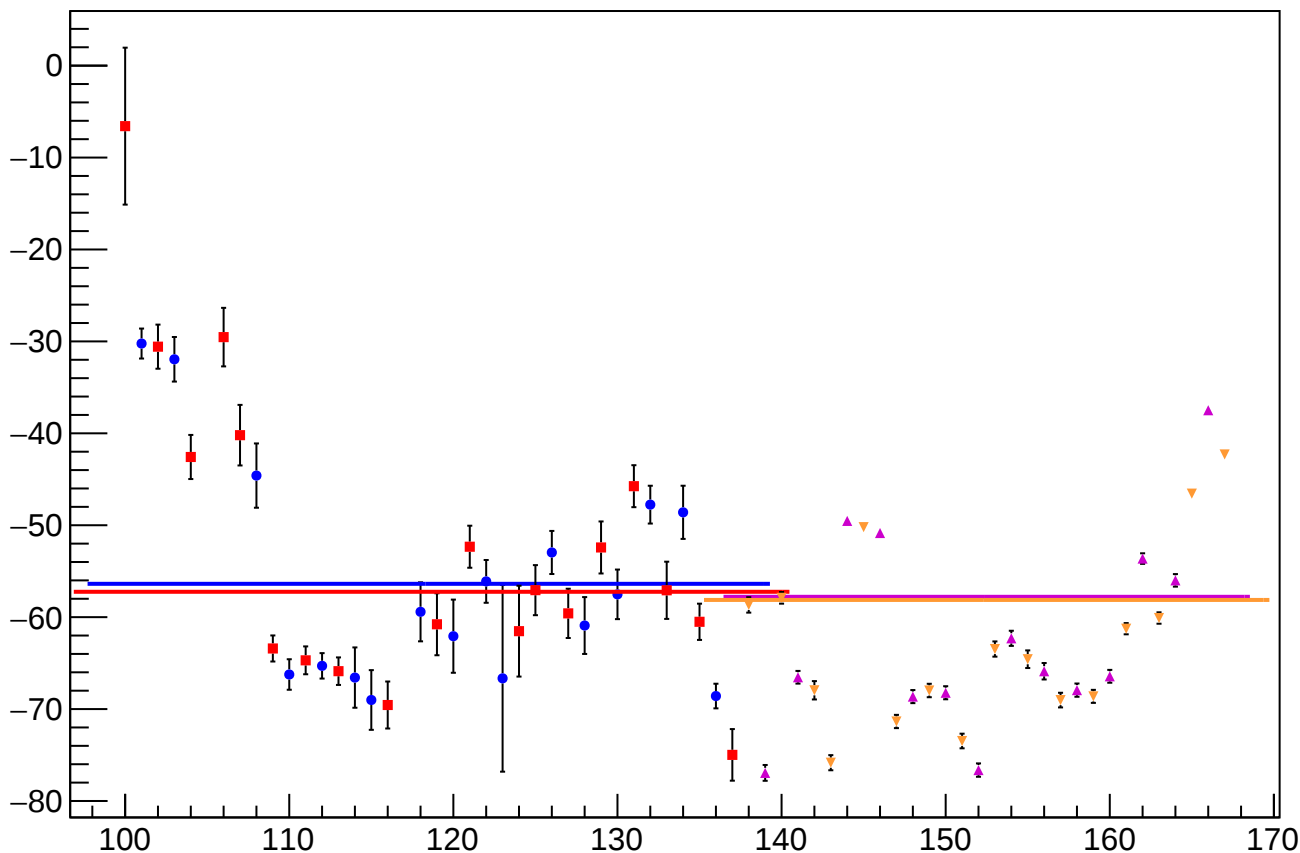
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 3.179 $\pm$ 0.114 χ^2 /NDF: 797.6/30

Out: 3.472 $\pm$ 0.112 χ^2 /NDF: 795.7/34

All: 3.328 $\pm$ 0.080 χ^2 /NDF: 1596.6/65

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: -58.127 ± 0.164 χ^2/NDF : 4211.3/15

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -57.786 ± 0.170 χ^2/NDF : 4698.3/13

Left: -57.963 ± 0.118 χ^2/NDF : 8911.7/29

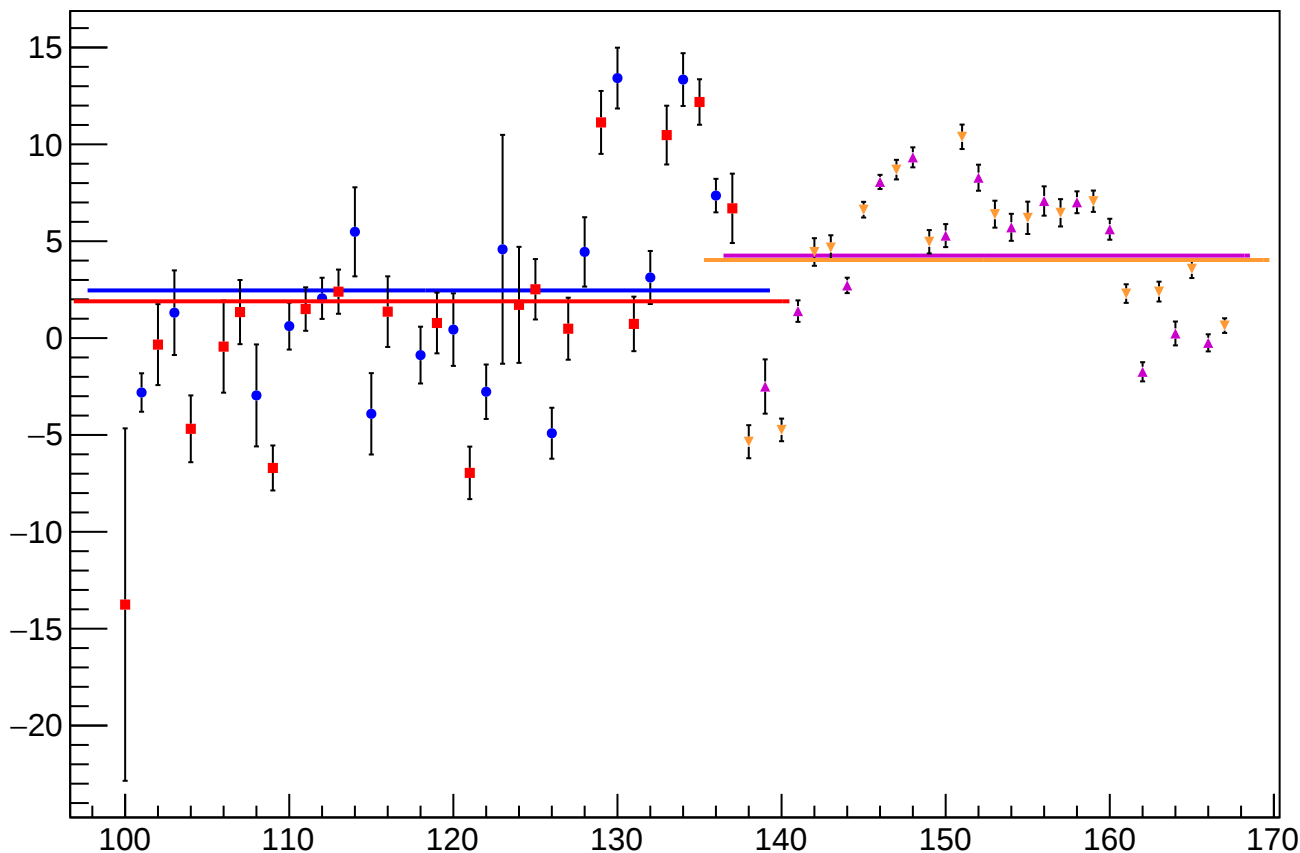
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -57.659 ± 0.162 χ^2/NDF : 5292.1/30

Out: -58.051 ± 0.157 χ^2/NDF : 4690.1/34

All: -57.862 ± 0.113 χ^2/NDF : 9985.2/65

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.030 ± 0.138 χ^2/NDF : 742.8/15

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 4.257 ± 0.143 χ^2/NDF : 650.9/13

Left: 4.139 ± 0.100 χ^2/NDF : 1395.0/29

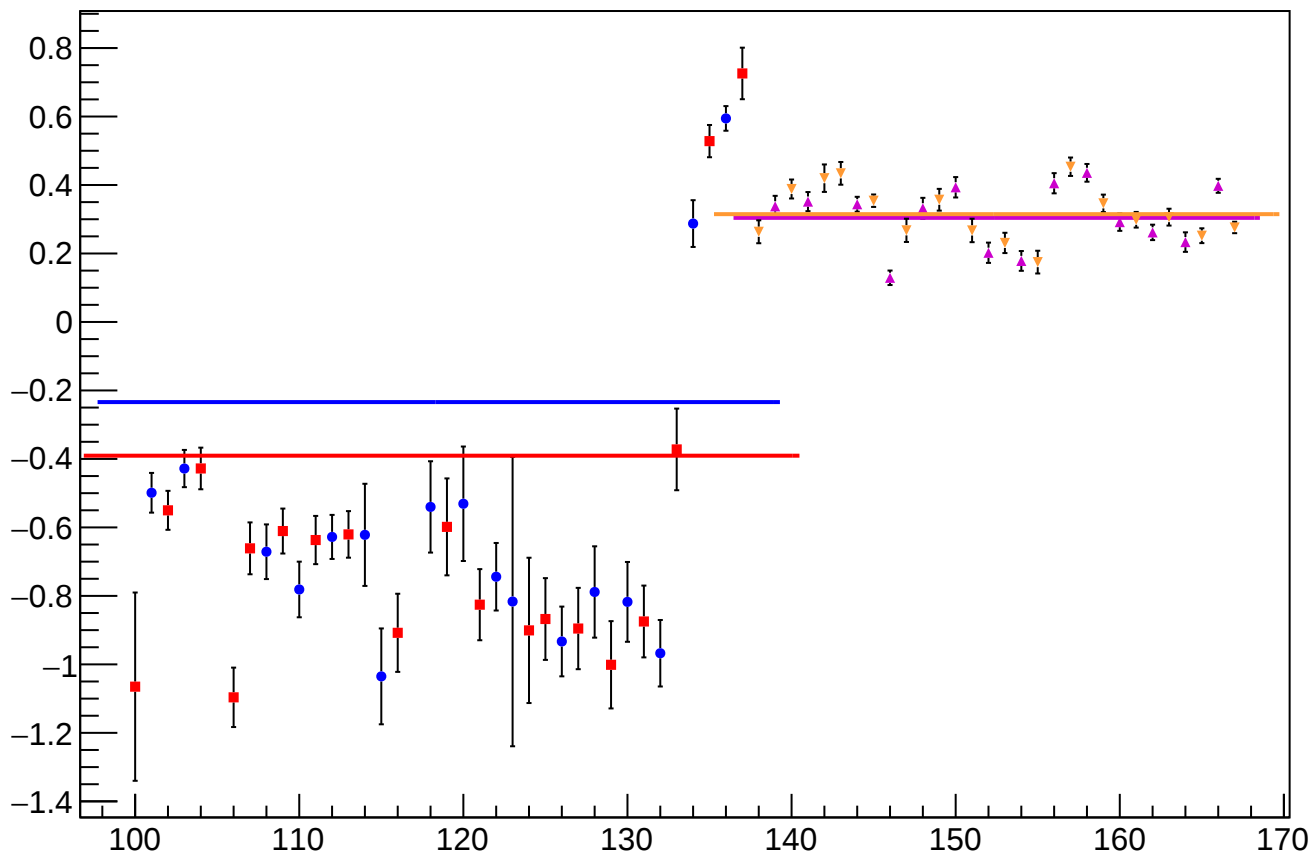
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 3.994 ± 0.133 χ^2/NDF : 917.8/30

Out: 3.749 ± 0.129 χ^2/NDF : 1042.2/34

All: 3.868 ± 0.092 χ^2/NDF : 1961.8/65

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: 0.315 ± 0.006 χ^2/NDF : 107.8/15

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.304 ± 0.007 χ^2/NDF : 184.8/13

Left: 0.310 ± 0.005 χ^2/NDF : 294.0/29

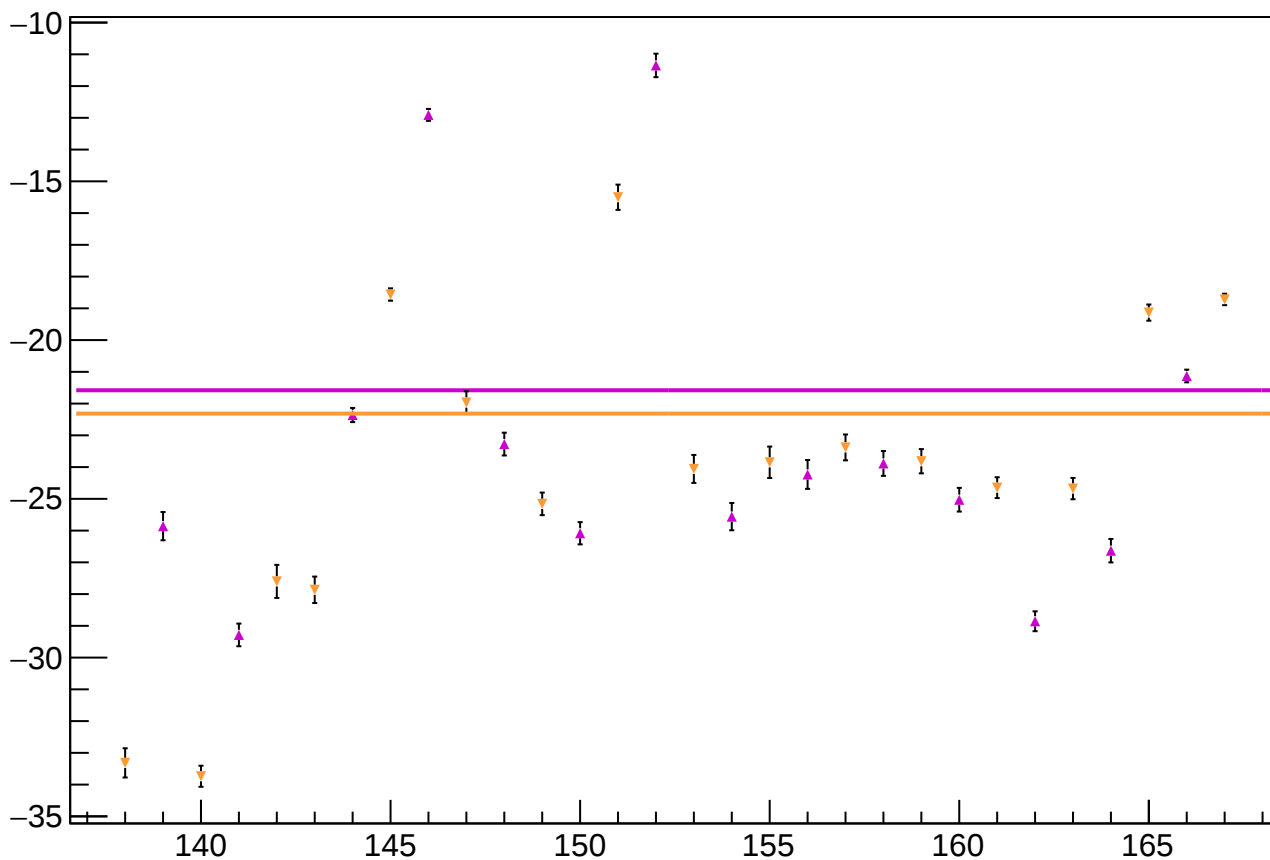
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.241 ± 0.006 χ^2/NDF : 1858.7/30

Out: 0.241 ± 0.006 χ^2/NDF : 2199.5/34

All: 0.241 ± 0.004 χ^2/NDF : 4058.2/65

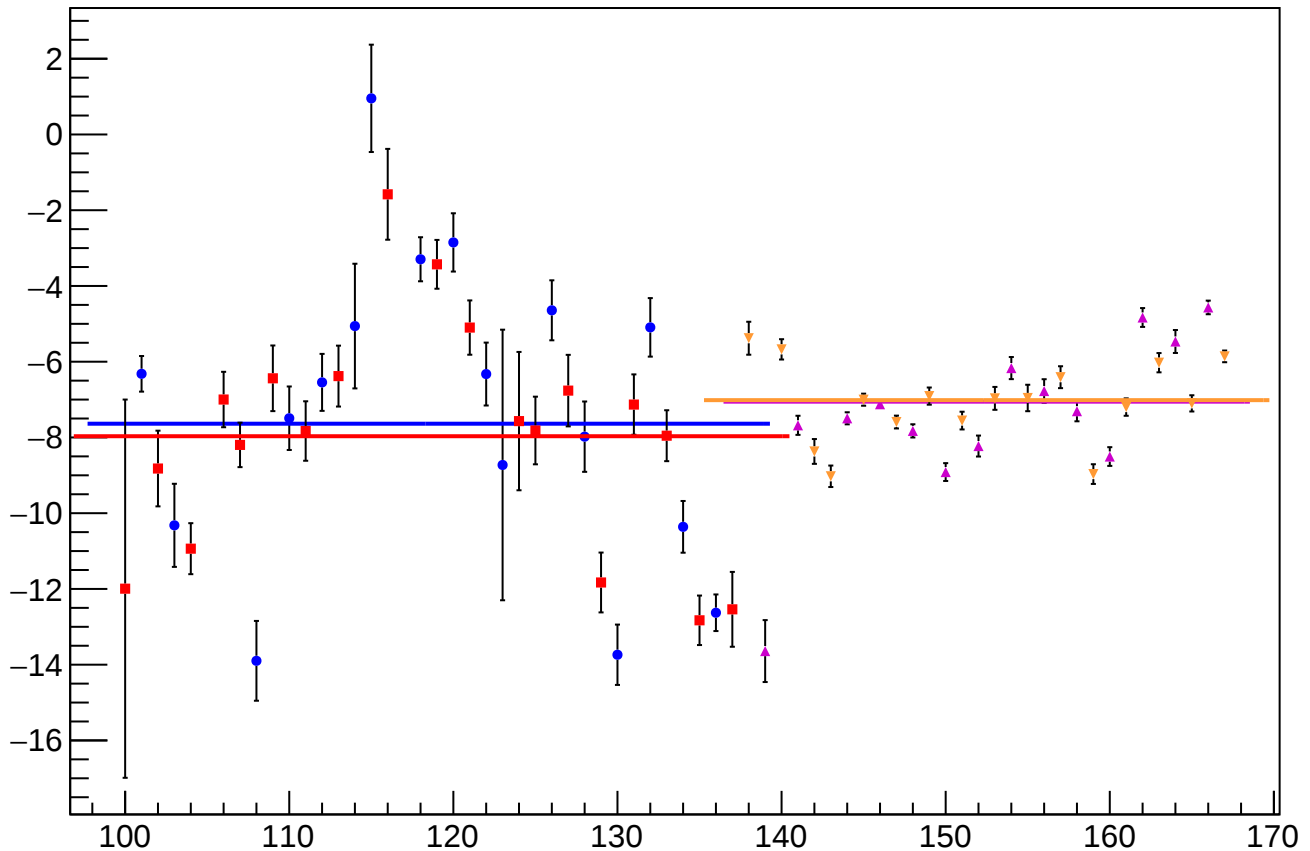
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.316 $\pm$ 0.080 χ^2 /NDF:3466.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -21.581 $\pm$ 0.081 χ^2 /NDF:4637.3/13

Left: -21.956 $\pm$ 0.057 χ^2 /NDF: 8145.2/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -21.581 $\pm$ 0.081 χ^2 /NDF:4637.3/13
 Out: -22.316 $\pm$ 0.080 χ^2 /NDF:3466.1/15
 All: -21.956 $\pm$ 0.057 χ^2 /NDF: 8145.2/29

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: -7.015 ± 0.058 χ^2/NDF : 256.3/15

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.055 ± 0.057 χ^2/NDF : 522.5/13

Left: -7.035 ± 0.041 χ^2/NDF : 779.0/29

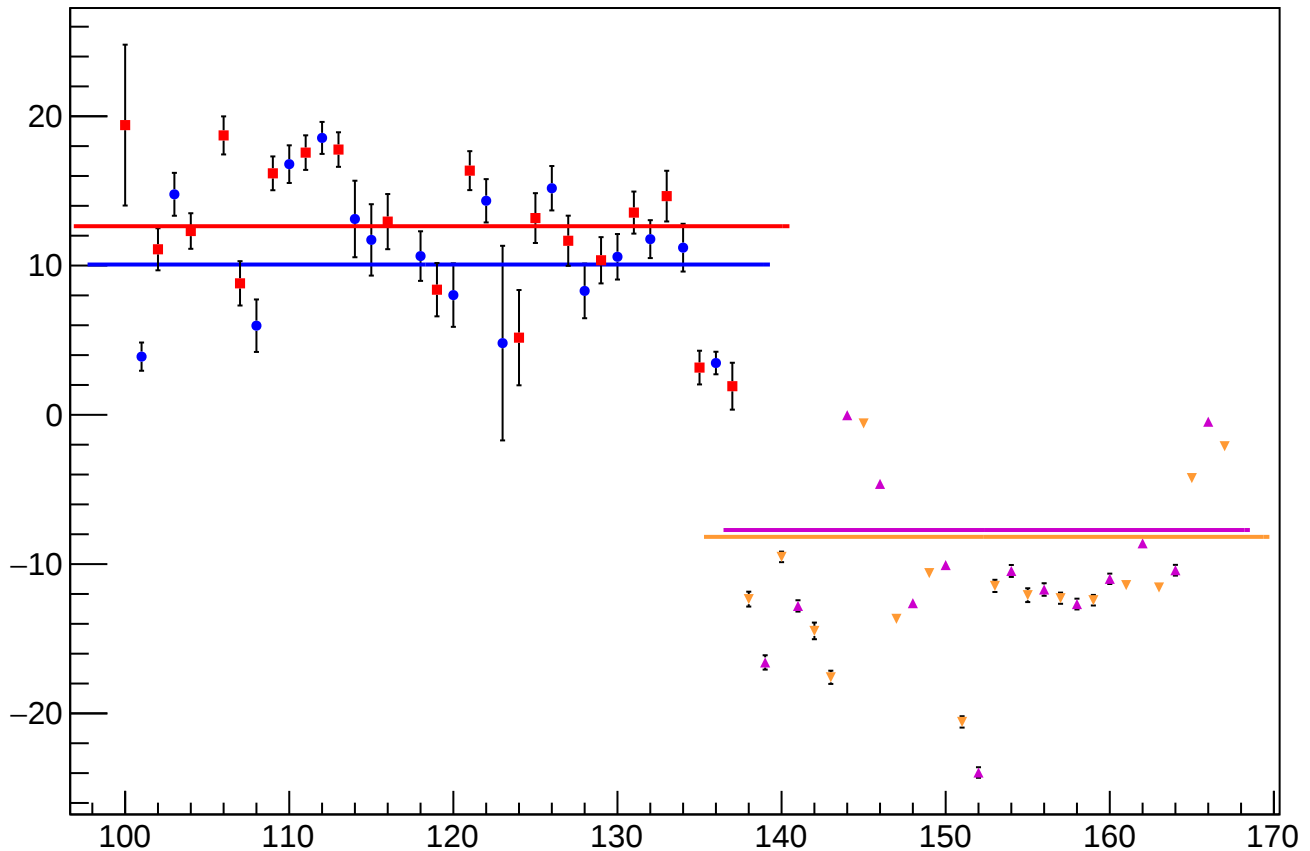
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.105 ± 0.055 χ^2/NDF : 925.4/30

Out: -7.100 ± 0.055 χ^2/NDF : 507.4/34

All: -7.103 ± 0.039 χ^2/NDF : 1432.9/65

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: -8.175 ± 0.079 $\chi^2/\text{NDF}: 5344.7/15$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -7.716 ± 0.080 $\chi^2/\text{NDF}: 5964.1/13$

Left: -7.947 ± 0.056 $\chi^2/\text{NDF}: 11325.5/29$

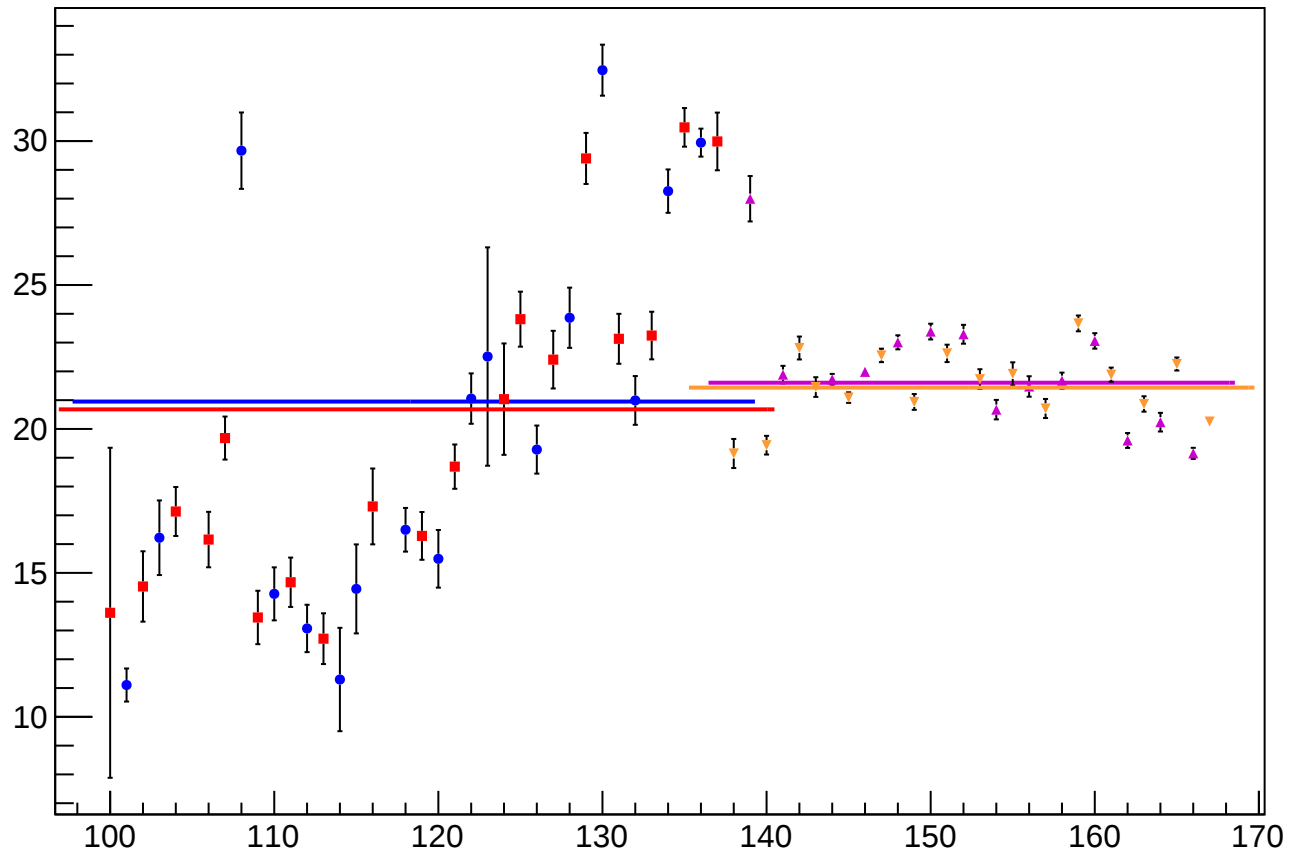
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.770 ± 0.078 $\chi^2/\text{NDF}: 8847.9/30$

Out: -7.056 ± 0.077 $\chi^2/\text{NDF}: 9272.4/34$

All: -6.914 ± 0.055 $\chi^2/\text{NDF}: 18127.1/65$

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: 21.436 $\pm$ 0.067 χ^2 /NDF: 258.2/15

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.606 $\pm$ 0.067 χ^2 /NDF: 451.7/13

Left: 21.521 $\pm$ 0.048 χ^2 /NDF: 713.1/29

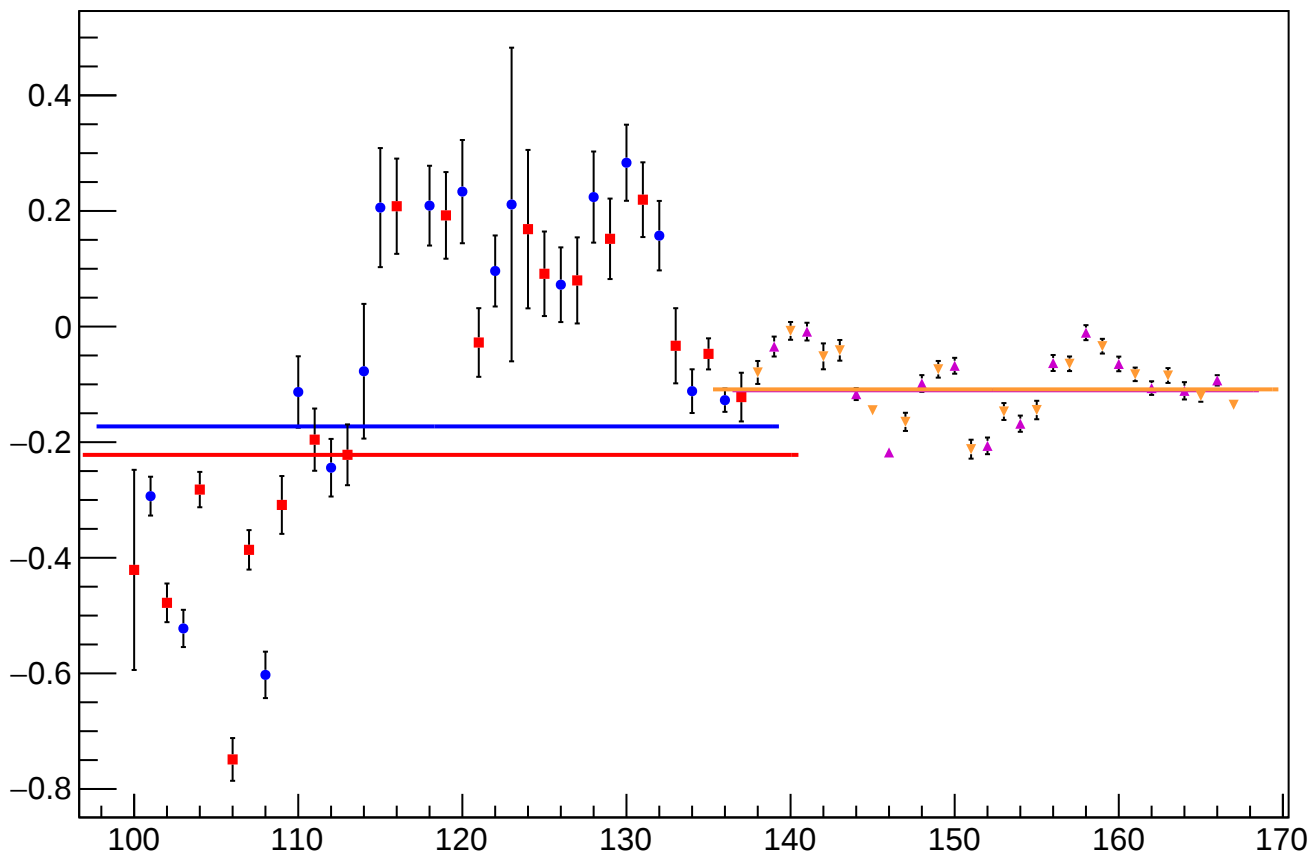
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.545 $\pm$ 0.064 χ^2 /NDF: 1683.3/30

Out: 21.368 $\pm$ 0.064 χ^2 /NDF: 998.2/34

All: 21.456 $\pm$ 0.045 χ^2 /NDF: 2685.3/65

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.109 ± 0.003 χ^2/NDF : 225.5/15

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.110 ± 0.003 χ^2/NDF : 384.6/13

Left: -0.109 ± 0.002 χ^2/NDF : 610.2/29

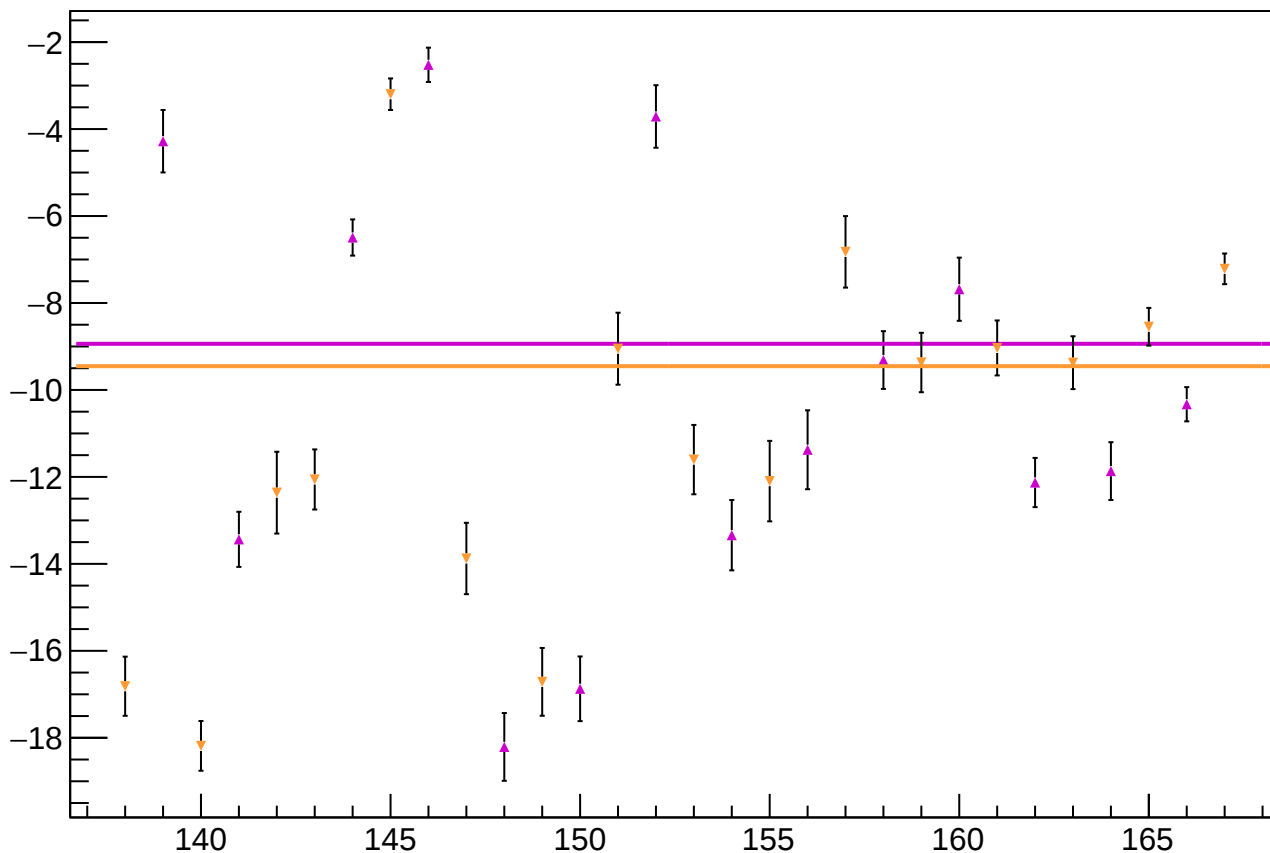
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.115 ± 0.003 χ^2/NDF : 873.6/30

Out: -0.117 ± 0.003 χ^2/NDF : 861.0/34

All: -0.116 ± 0.002 χ^2/NDF : 1734.9/65

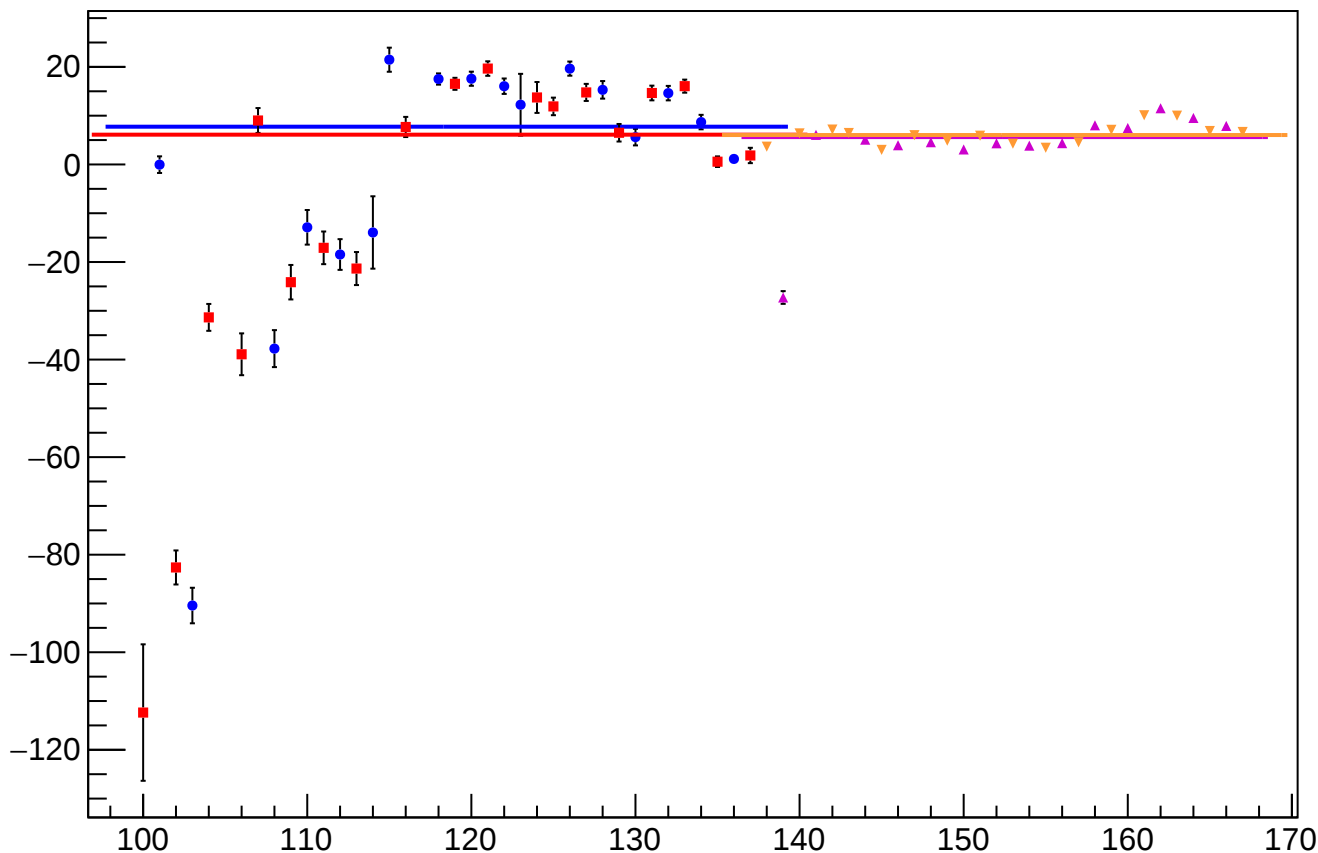
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.453+/-0.148 χ^2/NDF :858.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.939+/-0.157 χ^2/NDF :803.5/13

Left: -9.210+/-0.108 χ^2/NDF : 1667.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.939+/-0.157 χ^2/NDF :803.5/13
 Out: -9.453+/-0.148 χ^2/NDF :858.2/15
 All: -9.210+/-0.108 χ^2/NDF : 1667.3/29

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.033 ± 0.110 χ^2/NDF : 342.0/15

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.612 ± 0.113 χ^2/NDF : 1042.5/13

Left: 5.828 ± 0.079 χ^2/NDF : 1391.6/29

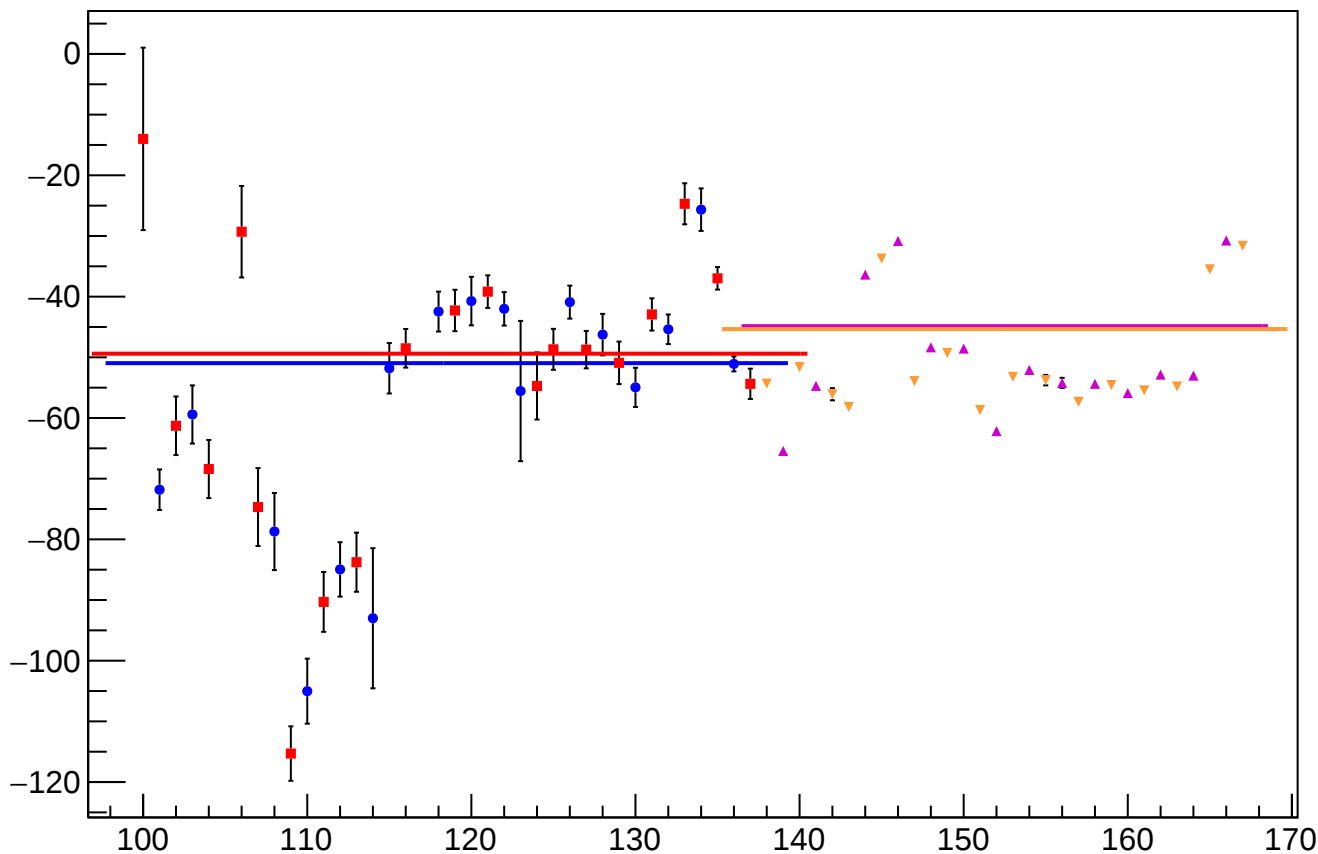
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.767 ± 0.109 χ^2/NDF : 2427.3/30

Out: 6.037 ± 0.106 χ^2/NDF : 1859.7/34

All: 5.905 ± 0.076 χ^2/NDF : 4290.2/65

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: -45.341 ± 0.149 χ^2/NDF : 5190.9/15

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -44.861 ± 0.154 χ^2/NDF : 5669.8/13

Left: -45.110 ± 0.107 χ^2/NDF : 10865.7/29

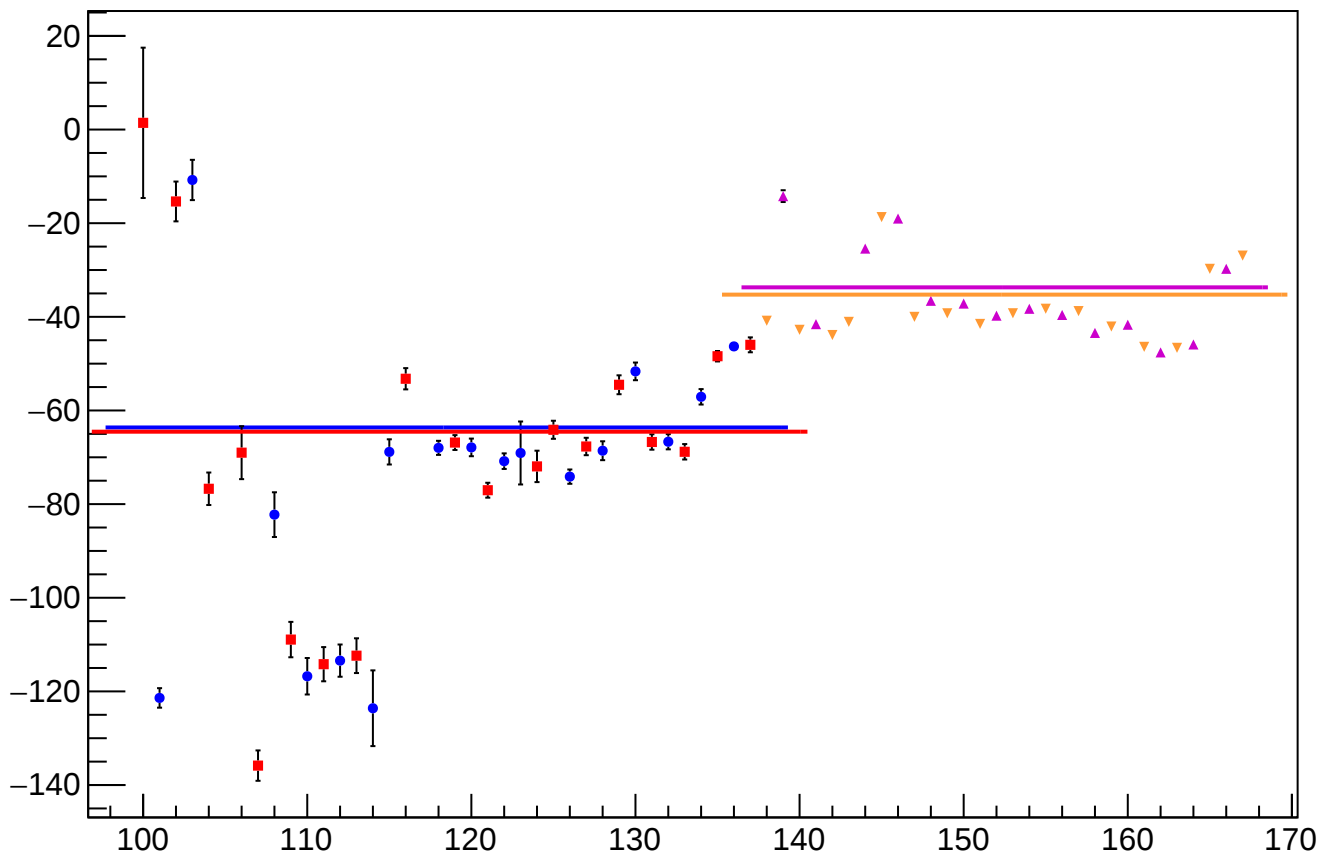
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -45.117 ± 0.151 χ^2/NDF : 6067.1/30

Out: -45.477 ± 0.146 χ^2/NDF : 5728.0/34

All: -45.303 ± 0.105 χ^2/NDF : 11798.0/65

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -35.257 $\pm$ 0.126 χ^2 /NDF: 5385.3/15

Right Out: -64.531 $\pm$ 0.482 χ^2 /NDF: 1611.2/18

Left In: -33.703 $\pm$ 0.131 χ^2 /NDF: 5521.4/13

Left: -34.512 $\pm$ 0.091 χ^2 /NDF: 10979.7/29

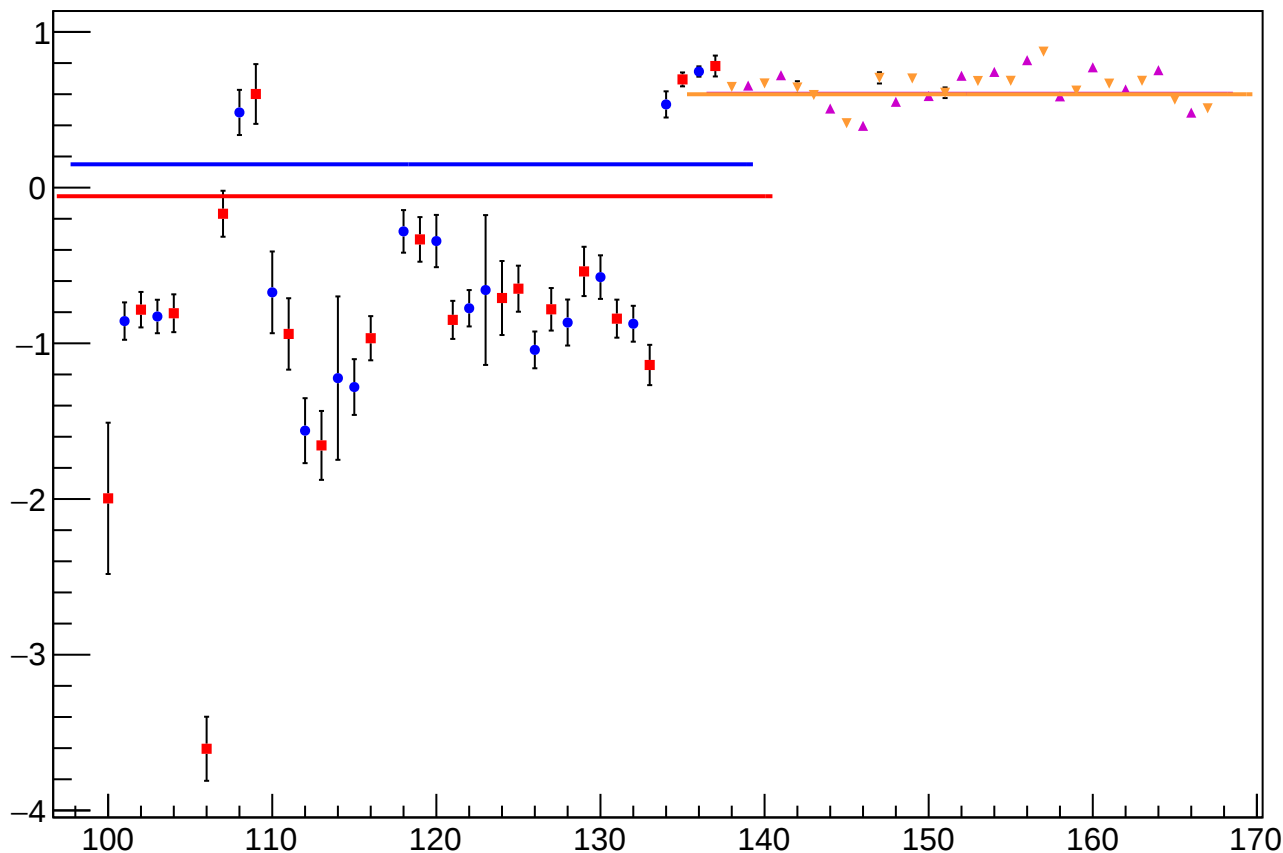
Right: -64.046 $\pm$ 0.327 χ^2 /NDF: 3624.3/35

In: -36.088 $\pm$ 0.126 χ^2 /NDF: 11679.4/30

Out: -37.128 $\pm$ 0.122 χ^2 /NDF: 10449.9/34

All: -36.625 $\pm$ 0.088 χ^2 /NDF: 22164.6/65

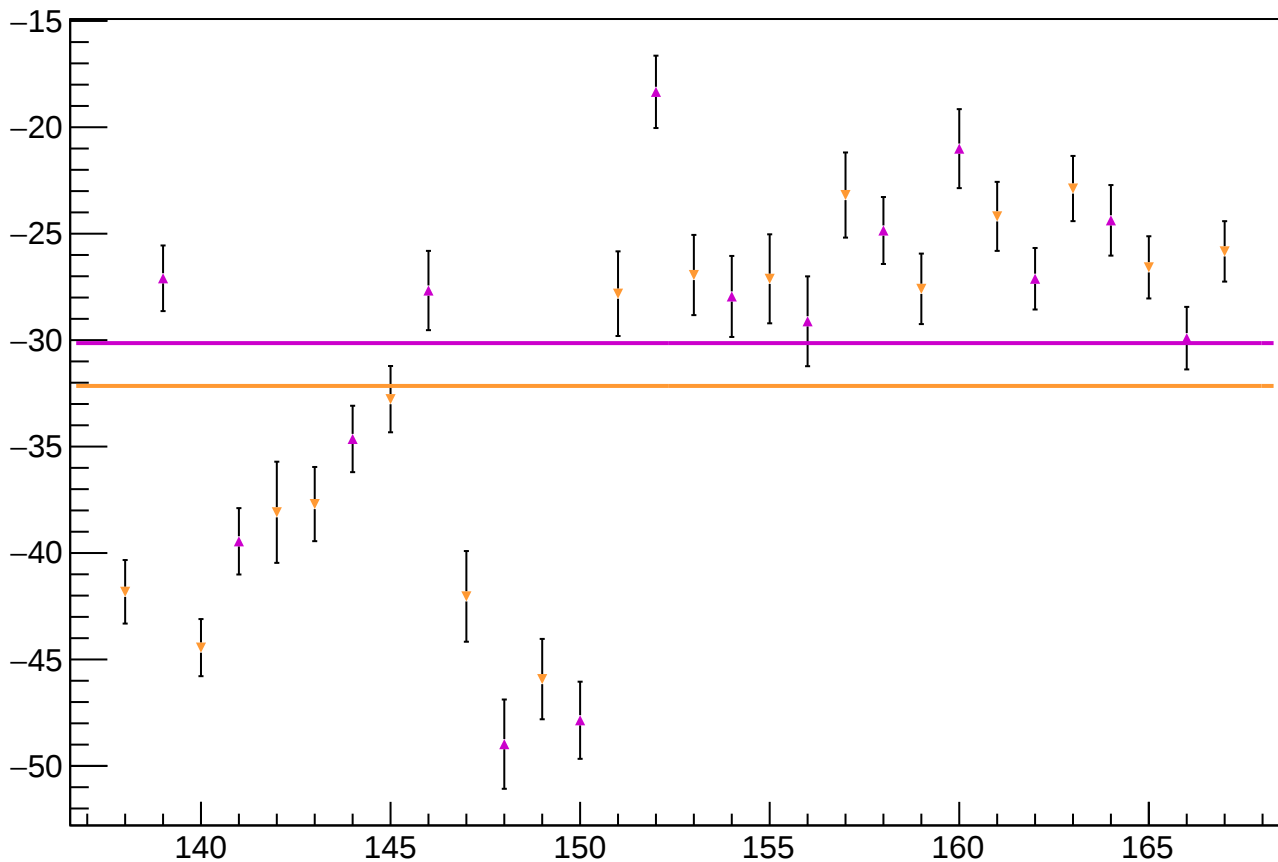
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.600 ± 0.006 $\chi^2/\text{NDF}: 379.4/15$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.603 ± 0.006 $\chi^2/\text{NDF}: 417.9/13$

Left: 0.601 ± 0.004 $\chi^2/\text{NDF}: 797.5/29$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.574 ± 0.006 $\chi^2/\text{NDF}: 1741.0/30$
 Out: 0.568 ± 0.006 $\chi^2/\text{NDF}: 2144.9/34$
 All: 0.571 ± 0.004 $\chi^2/\text{NDF}: 3886.3/65$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.151+/-0.424 χ^2/NDF :358.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.140+/-0.451 χ^2/NDF :327.8/13

Left: -31.209+/-0.309 χ^2/NDF : 696.7/29

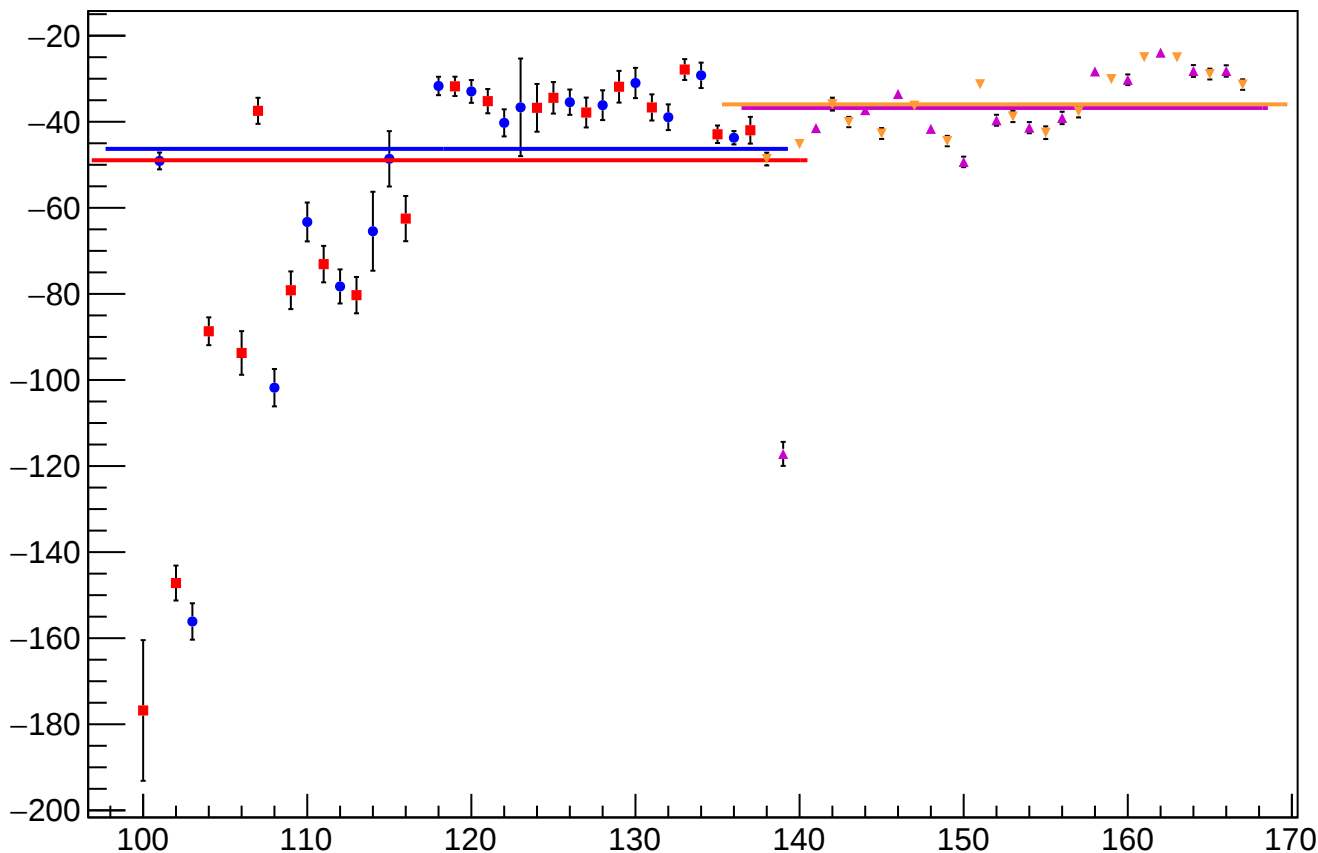
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.140+/-0.451 χ^2/NDF :327.8/13

Out: -32.151+/-0.424 χ^2/NDF :358.3/15

All: -31.209+/-0.309 χ^2/NDF : 696.7/29

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -35.962 ± 0.307 $\chi^2/\text{NDF}: 529.3/15$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.789 ± 0.330 $\chi^2/\text{NDF}: 1296.6/13$

Left: -36.346 ± 0.225 $\chi^2/\text{NDF}: 1829.3/29$

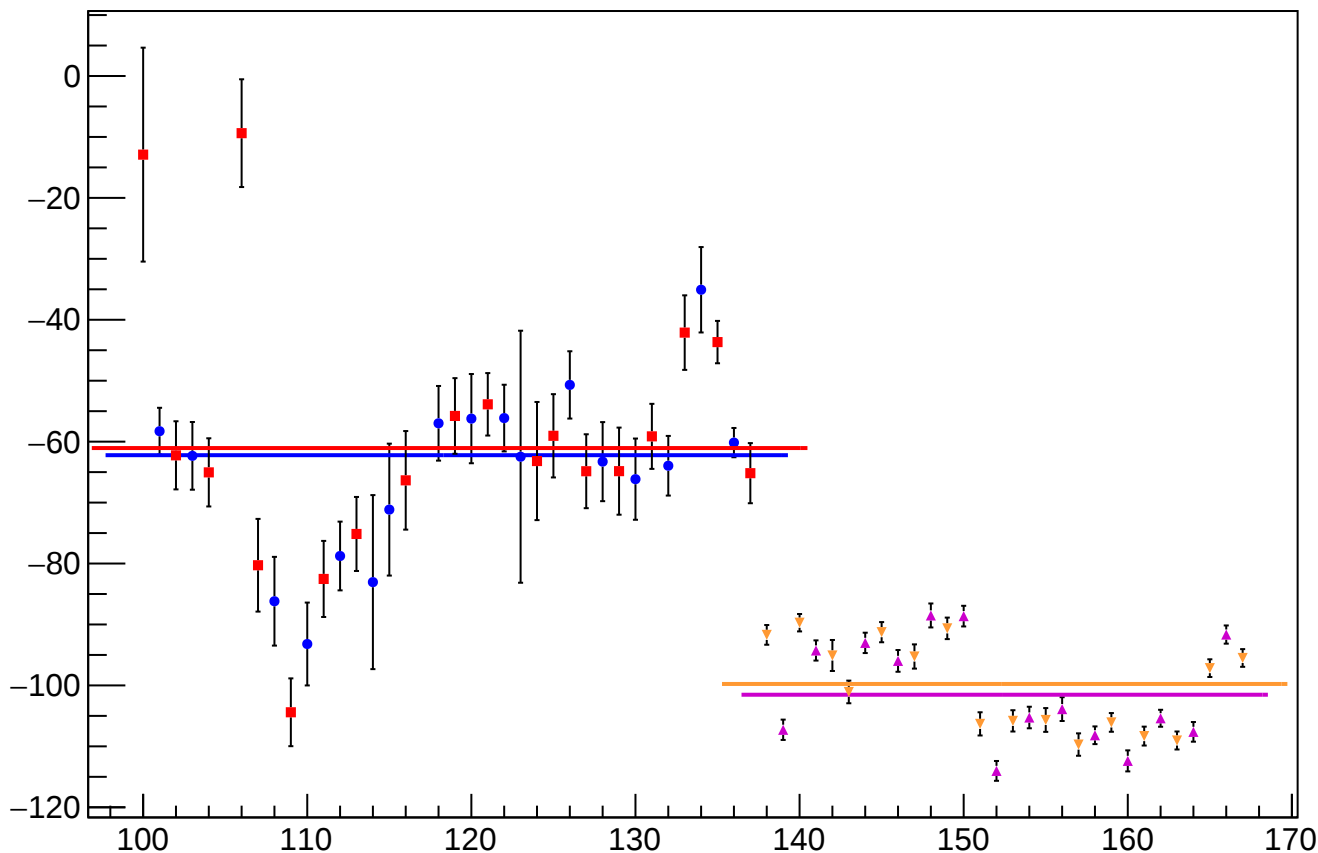
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -38.428 ± 0.300 $\chi^2/\text{NDF}: 2523.6/30$

Out: -37.777 ± 0.285 $\chi^2/\text{NDF}: 2052.3/34$

All: -38.085 ± 0.207 $\chi^2/\text{NDF}: 4578.4/65$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -99.762 ± 0.420 χ^2/NDF : 297.3/15

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -101.529 ± 0.442 χ^2/NDF : 359.7/13

Left: -100.601 ± 0.304 χ^2/NDF : 665.4/29

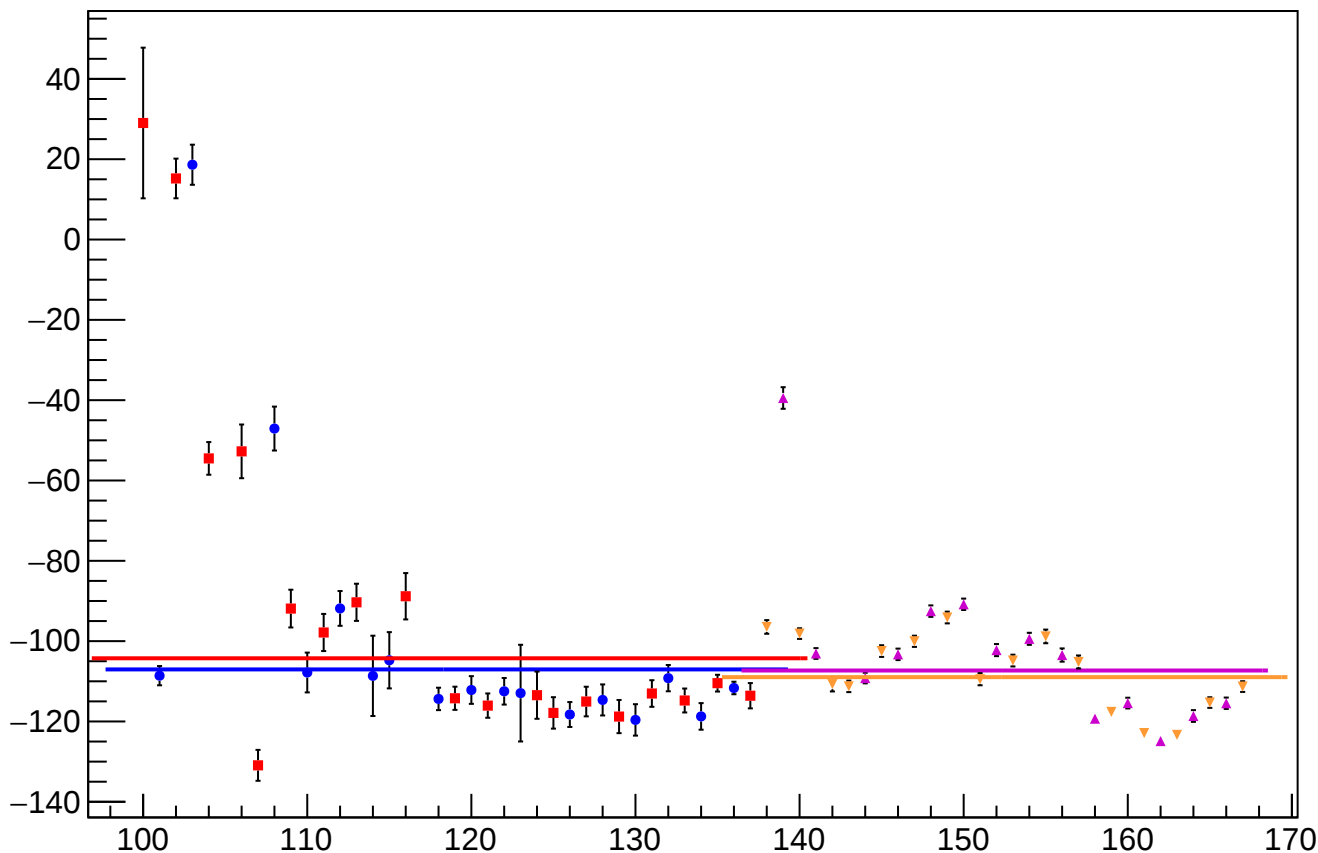
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -97.524 ± 0.419 χ^2/NDF : 1233.6/30

Out: -96.471 ± 0.402 χ^2/NDF : 1184.7/34

All: -96.976 ± 0.290 χ^2/NDF : 2421.7/65

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -108.966 ± 0.354 $\chi^2/\text{NDF}: 685.5/15$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -107.310 ± 0.378 $\chi^2/\text{NDF}: 1396.4/13$

Left: -108.193 ± 0.259 $\chi^2/\text{NDF}: 2092.1/29$

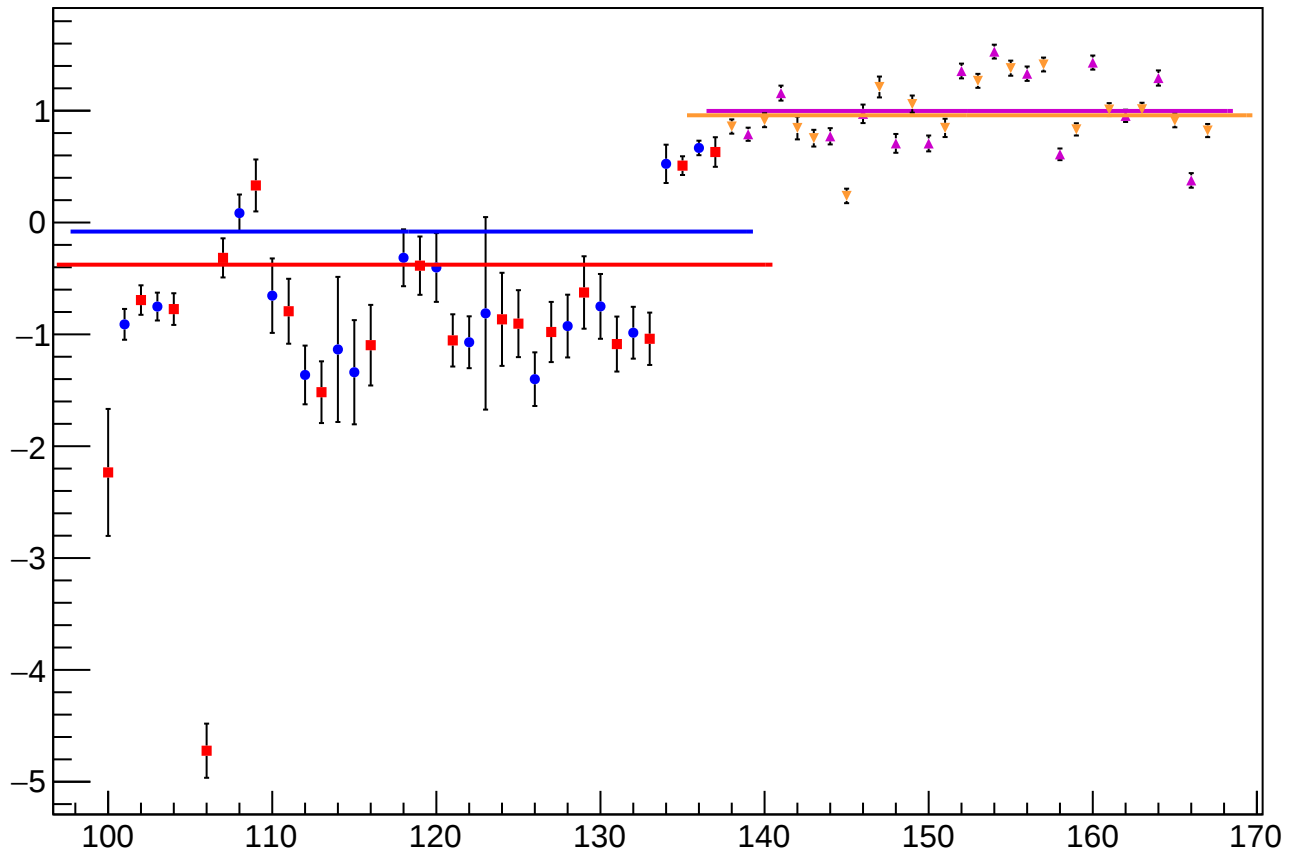
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -107.262 ± 0.343 $\chi^2/\text{NDF}: 2224.3/30$

Out: -108.284 ± 0.328 $\chi^2/\text{NDF}: 1729.1/34$

All: -107.796 ± 0.237 $\chi^2/\text{NDF}: 3958.0/65$

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: 0.959 ± 0.017 χ^2/NDF : 275.7/15

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.998 ± 0.017 χ^2/NDF : 397.9/13

Left: 0.977 ± 0.012 χ^2/NDF : 676.2/29

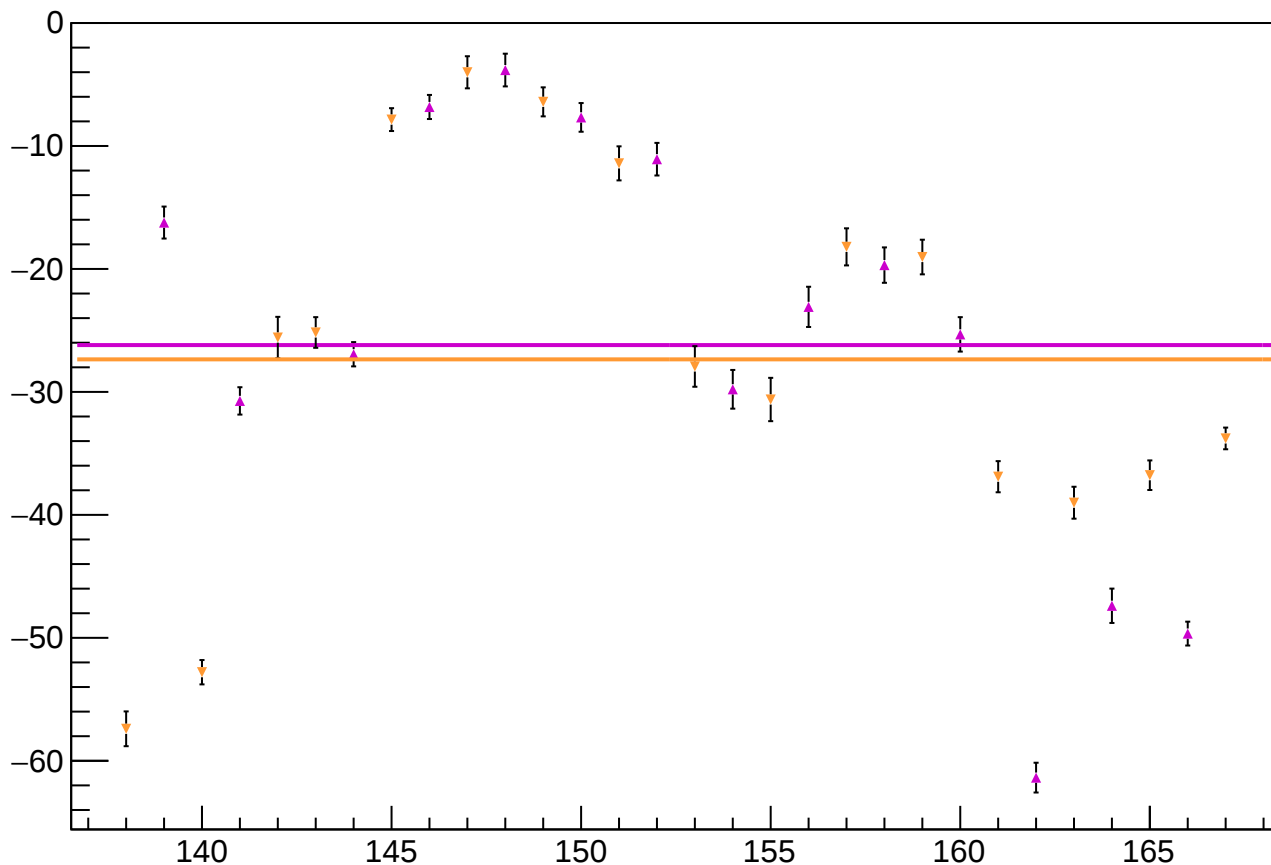
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.842 ± 0.016 χ^2/NDF : 1285.5/30

Out: 0.793 ± 0.015 χ^2/NDF : 1671.3/34

All: 0.817 ± 0.011 χ^2/NDF : 2961.4/65

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: -27.353+/-0.311 χ^2/NDF :2650.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.192+/-0.327 χ^2/NDF :2819.8/13

Left: -26.801+/-0.225 χ^2/NDF : 5476.6/29

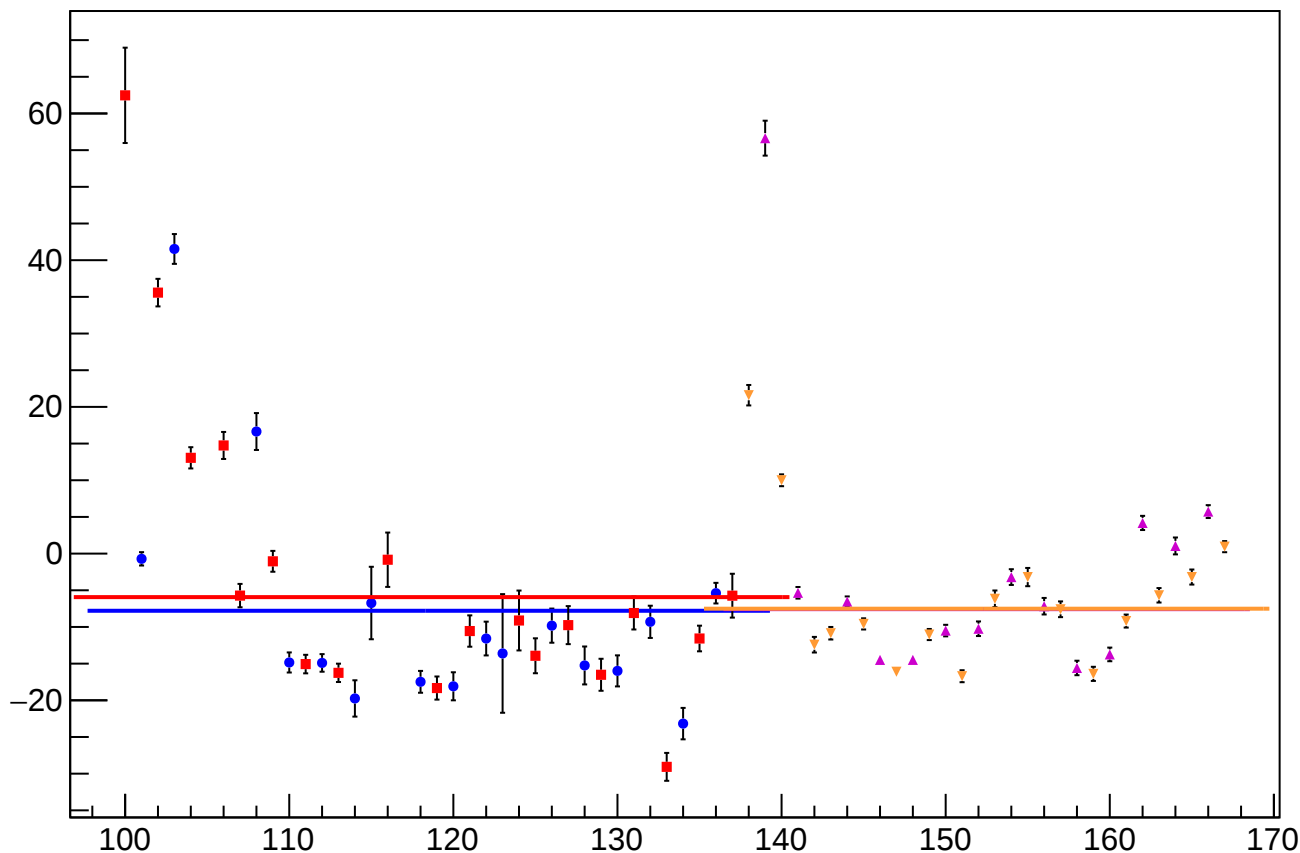
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.192+/-0.327 χ^2/NDF :2819.8/13

Out: -27.353+/-0.311 χ^2/NDF :2650.2/15

All: -26.801+/-0.225 χ^2/NDF : 5476.6/29

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -7.511 ± 0.223 χ^2/NDF : 1535.5/15

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -7.574 ± 0.233 χ^2/NDF : 1558.2/13

Left: -7.541 ± 0.161 χ^2/NDF : 3093.7/29

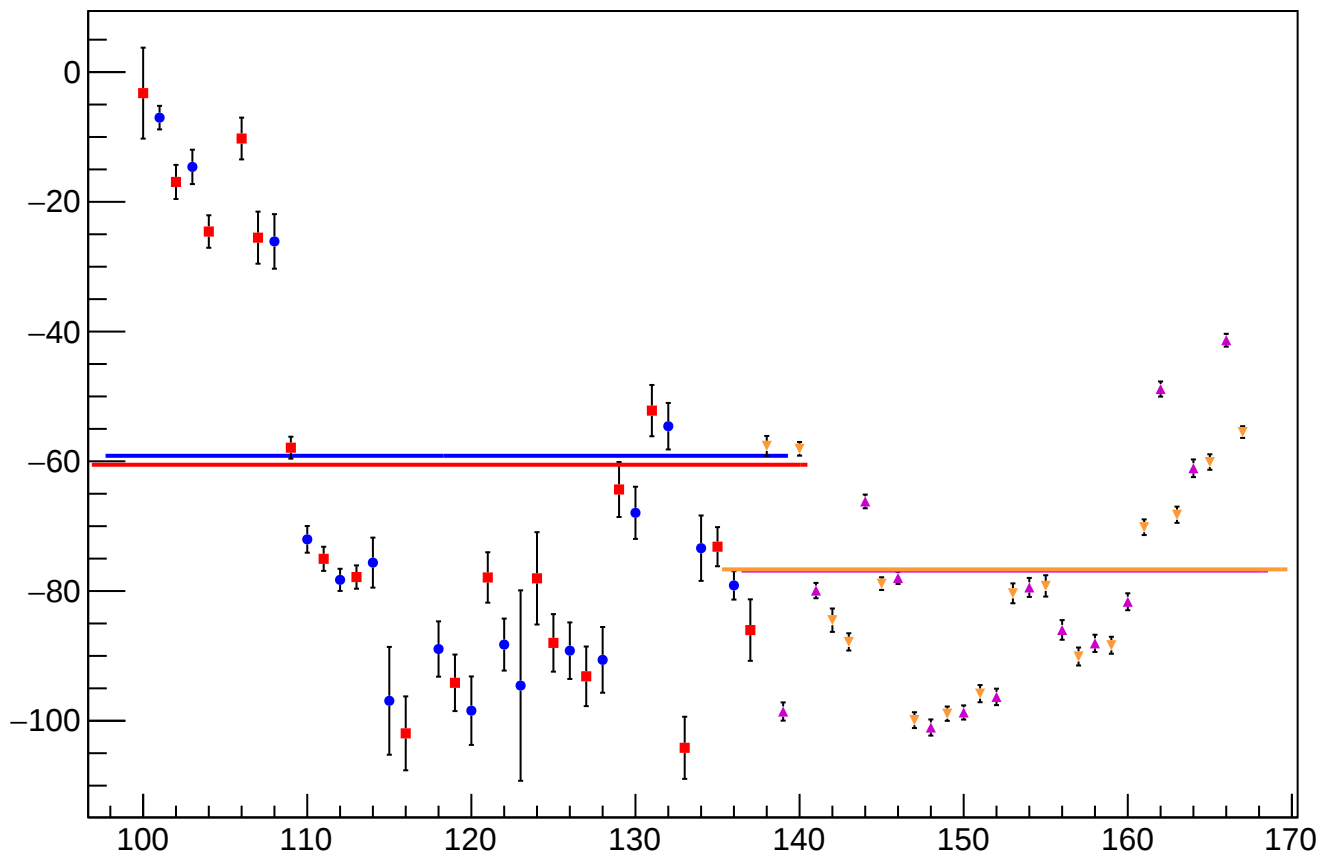
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -7.624 ± 0.205 χ^2/NDF : 2541.1/30

Out: -7.176 ± 0.198 χ^2/NDF : 2840.4/34

All: -7.392 ± 0.142 χ^2/NDF : 5384.0/65

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: -76.661 ± 0.309 χ^2/NDF : 2537.1/15

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -76.842 ± 0.321 χ^2/NDF : 3488.3/13

Left: -76.748 ± 0.223 χ^2/NDF : 6025.6/29

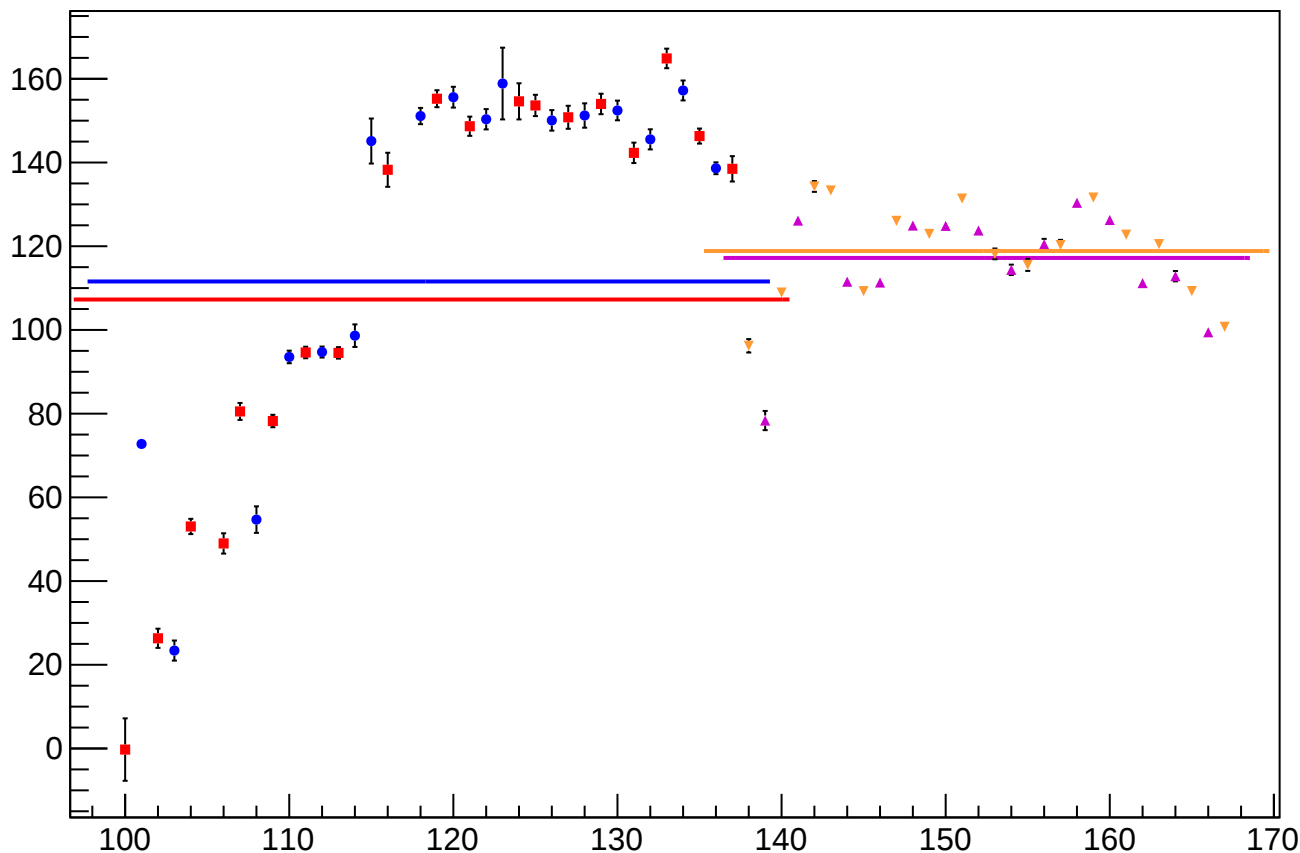
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -74.074 ± 0.295 χ^2/NDF : 5682.1/30

Out: -74.050 ± 0.283 χ^2/NDF : 4362.2/34

All: -74.062 ± 0.204 χ^2/NDF : 10044.3/65

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: 118.856 $\pm$ 0.260 χ^2 /NDF:1738.5/15

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 117.200 $\pm$ 0.272 χ^2 /NDF:1309.9/13

Left: 118.067 $\pm$ 0.188 χ^2 /NDF: 3067.8/29

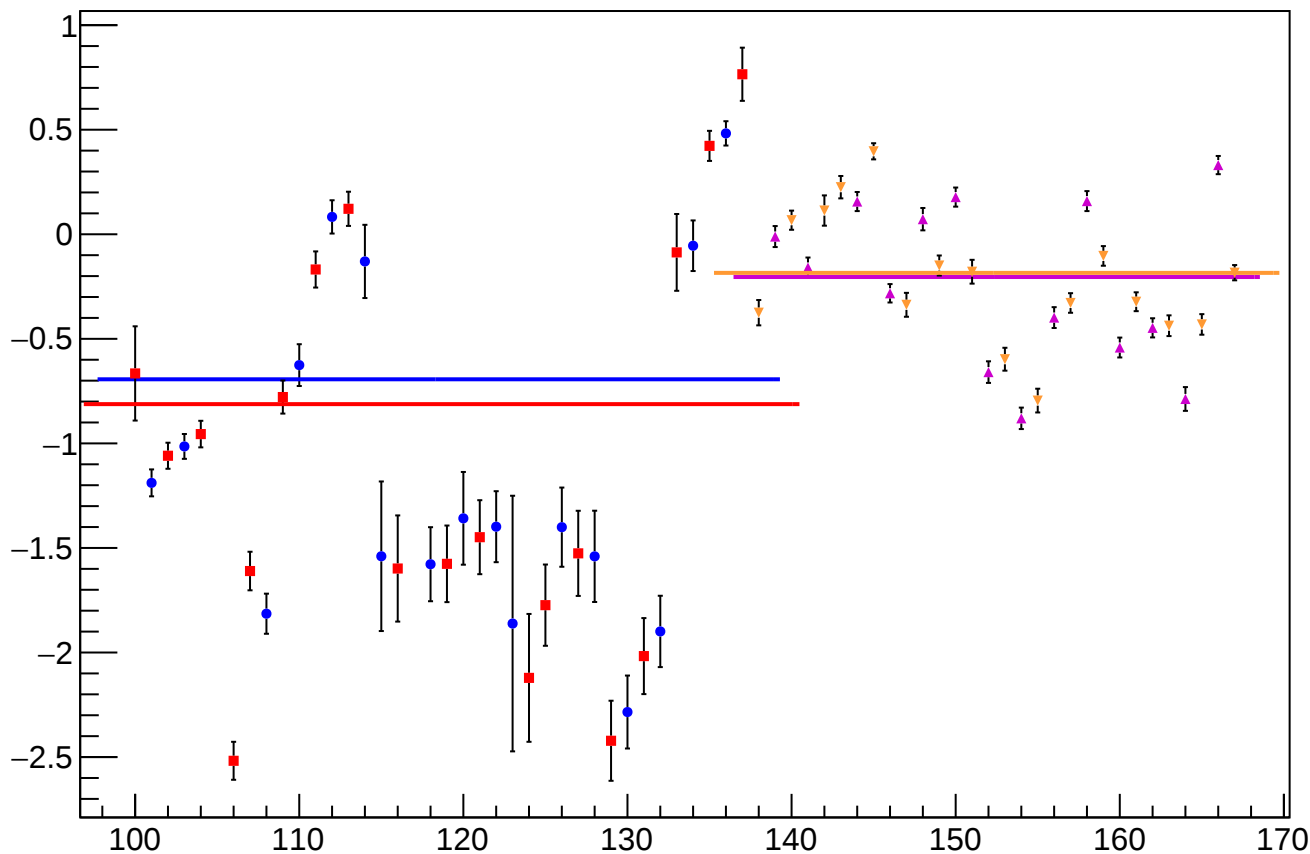
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.864 $\pm$ 0.238 χ^2 /NDF:7357.2/30

Out: 116.297 $\pm$ 0.229 χ^2 /NDF:9223.1/34

All: 116.088 $\pm$ 0.165 χ^2 /NDF: 16582.0/65

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.185 ± 0.012 χ^2/NDF : 595.5/15

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.204 ± 0.013 χ^2/NDF : 836.9/13

Left: -0.194 ± 0.009 χ^2/NDF : 1433.7/29

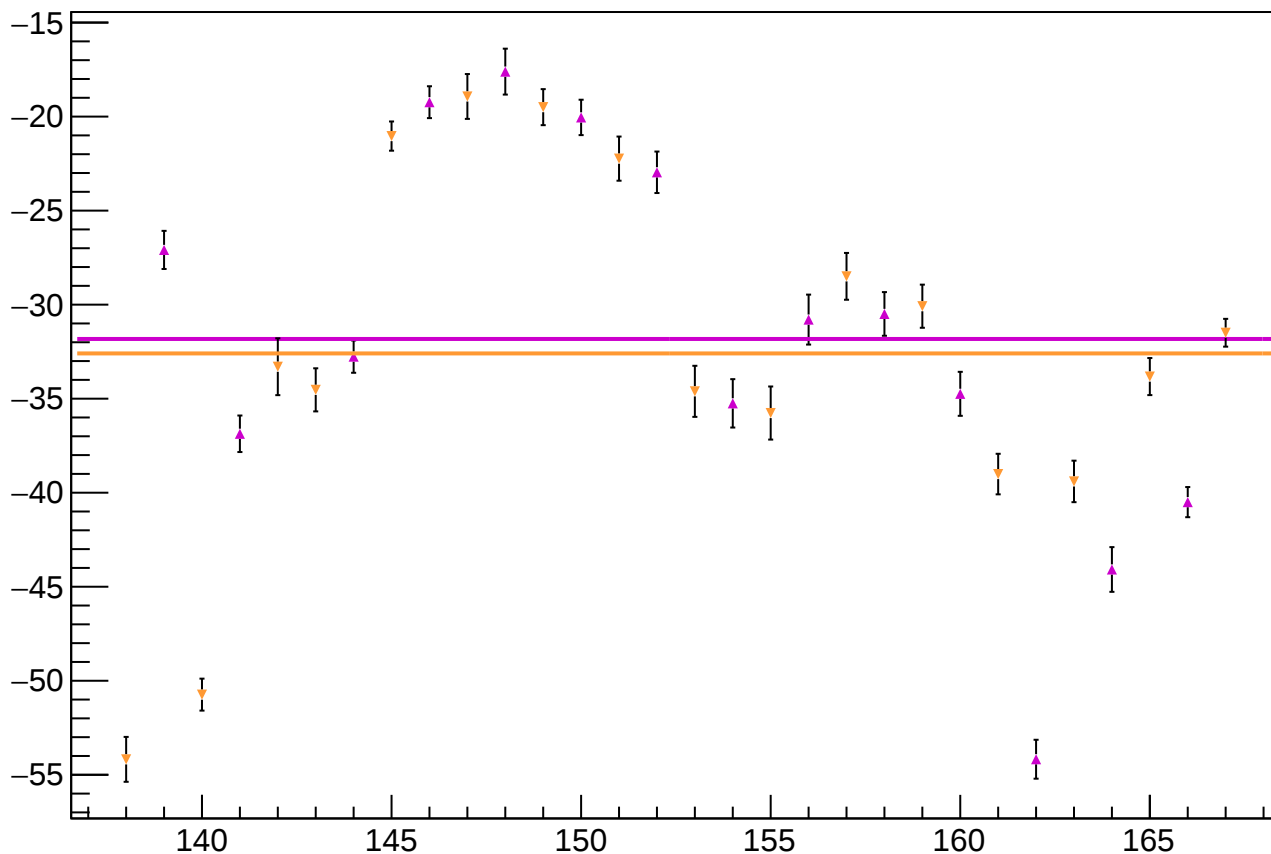
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.302 ± 0.012 χ^2/NDF : 2115.0/30

Out: -0.312 ± 0.011 χ^2/NDF : 2434.8/34

All: -0.307 ± 0.008 χ^2/NDF : 4550.2/65

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.594 $\pm$ 0.263 χ^2/NDF :1503.3/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.825 $\pm$ 0.275 χ^2/NDF :1333.1/13

Left: -32.226 $\pm$ 0.190 χ^2/NDF : 2840.5/29

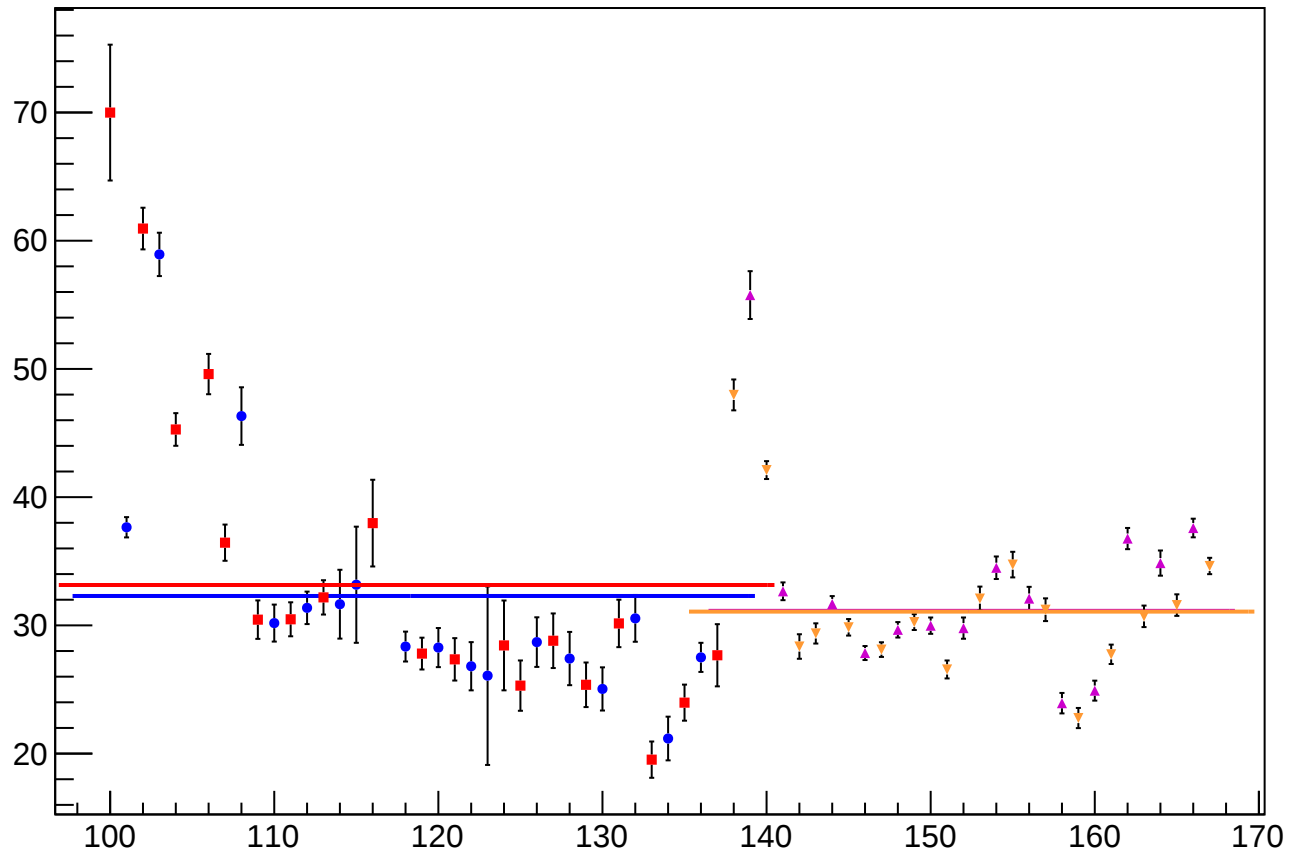
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.825 $\pm$ 0.275 χ^2/NDF :1333.1/13

Out: -32.594 $\pm$ 0.263 χ^2/NDF :1503.3/15

All: -32.226 $\pm$ 0.190 χ^2/NDF : 2840.5/29

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.074 ± 0.190 $\chi^2/\text{NDF}: 711.2/15$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.132 ± 0.199 $\chi^2/\text{NDF}: 529.2/13$

Left: 31.102 ± 0.138 $\chi^2/\text{NDF}: 1240.4/29$

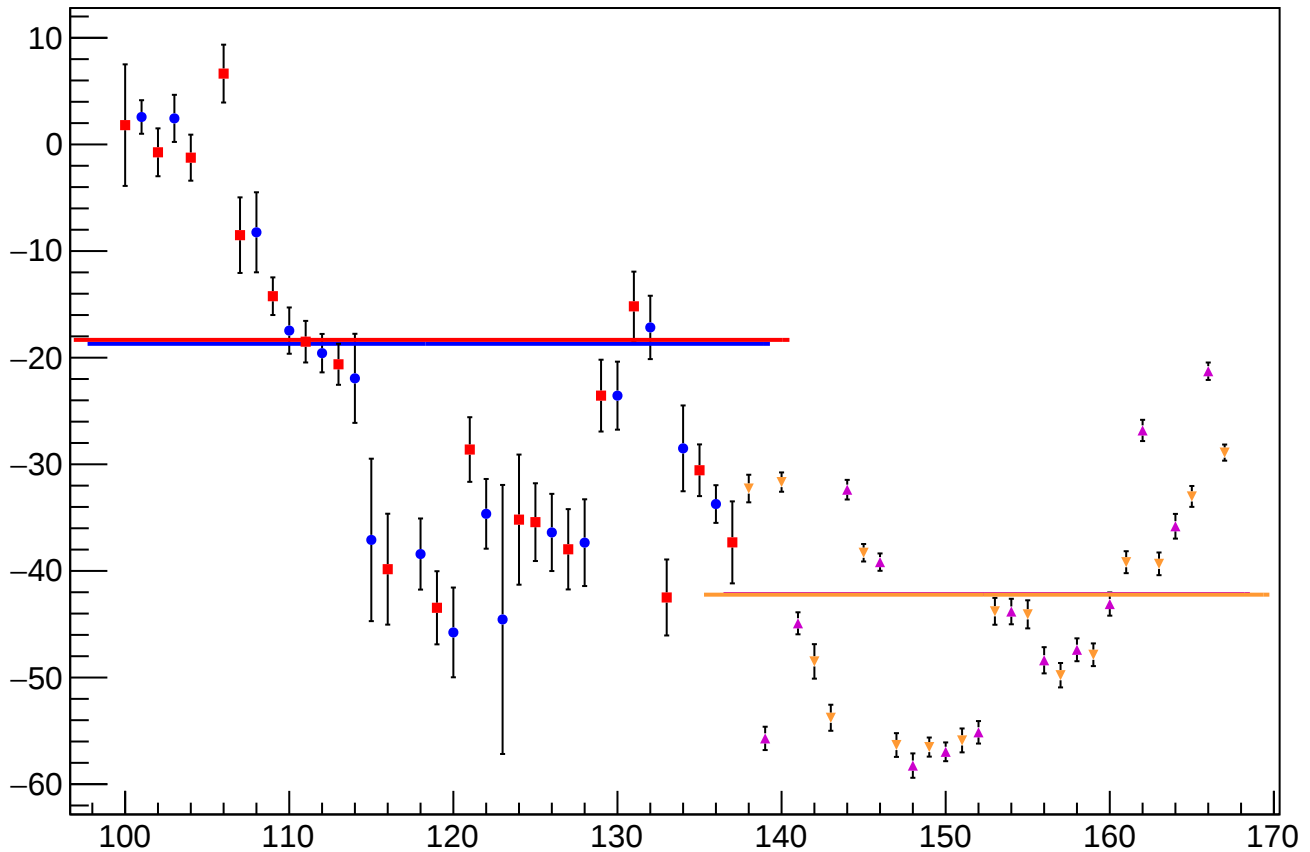
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.390 ± 0.176 $\chi^2/\text{NDF}: 989.2/30$

Out: 31.491 ± 0.170 $\chi^2/\text{NDF}: 1507.8/34$

All: 31.443 ± 0.122 $\chi^2/\text{NDF}: 2497.2/65$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -42.227 ± 0.261 $\chi^2/\text{NDF}: 1375.8/15$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -42.166 ± 0.270 $\chi^2/\text{NDF}: 1892.3/13$

Left: -42.198 ± 0.188 $\chi^2/\text{NDF}: 3268.1/29$

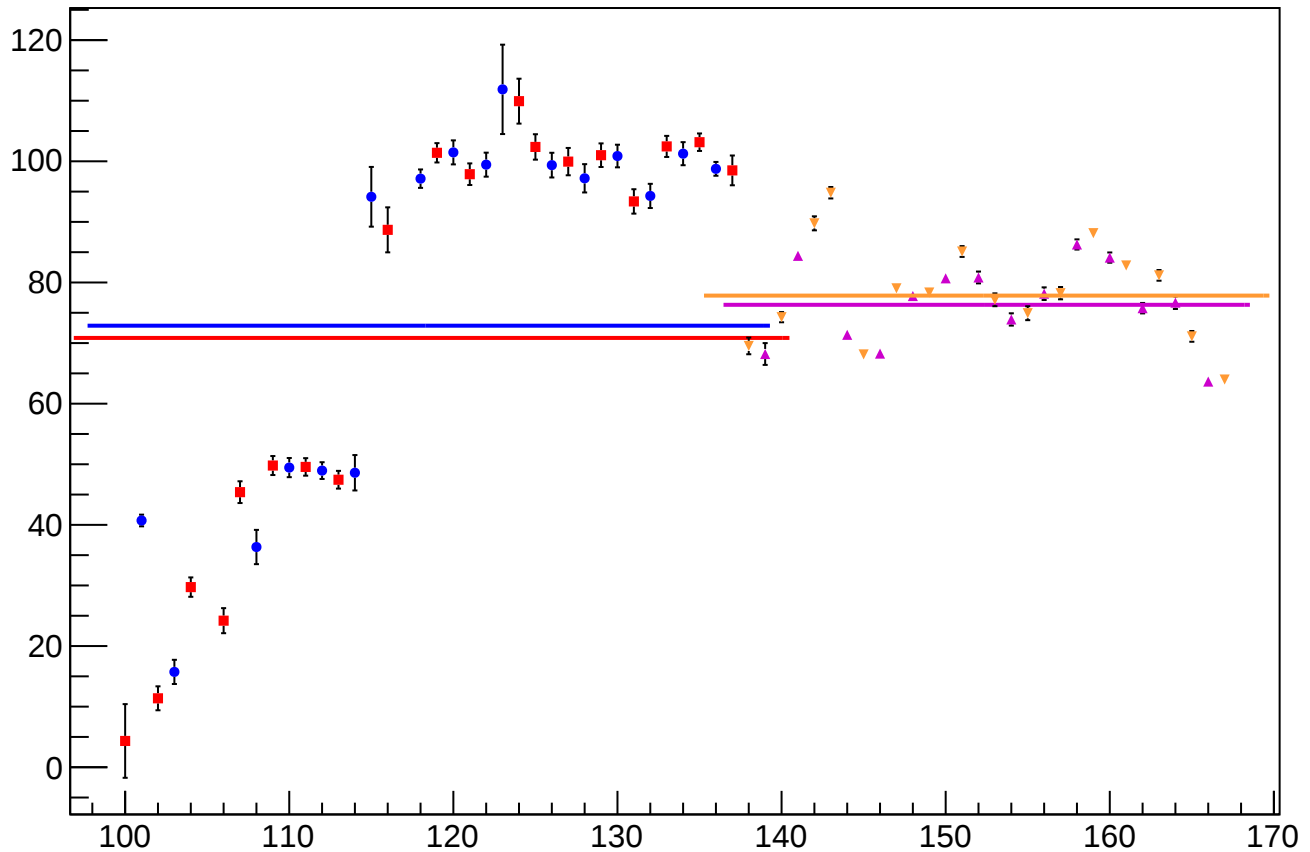
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -38.863 ± 0.250 $\chi^2/\text{NDF}: 3476.5/30$

Out: -38.849 ± 0.242 $\chi^2/\text{NDF}: 3034.1/34$

All: -38.856 ± 0.174 $\chi^2/\text{NDF}: 6510.7/65$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.837 $\pm$ 0.221 χ^2 /NDF:1393.4/15

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 76.316 $\pm$ 0.231 χ^2 /NDF:861.9/13

Left: 77.111 $\pm$ 0.159 χ^2 /NDF: 2278.0/29

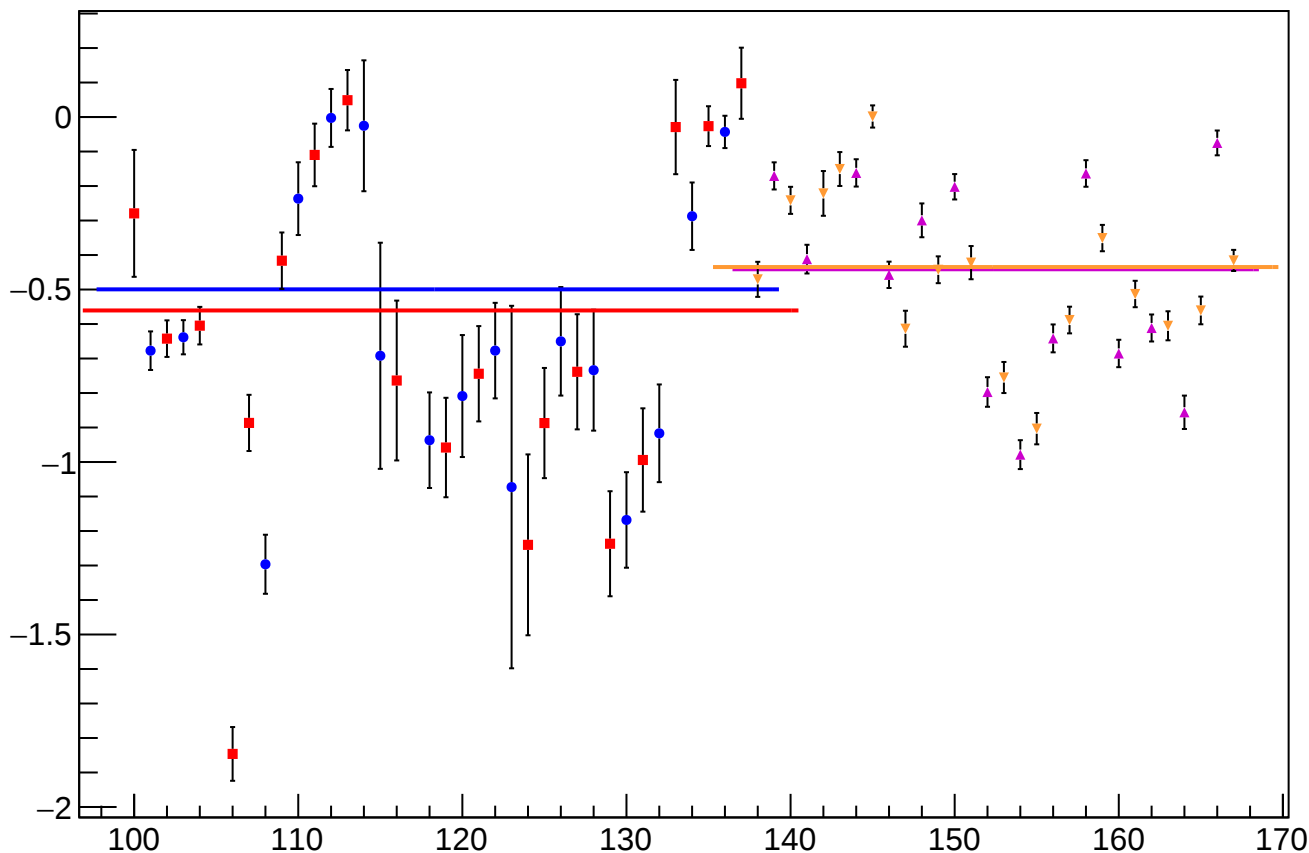
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 75.535 $\pm$ 0.203 χ^2 /NDF:5639.5/30

Out: 76.398 $\pm$ 0.197 χ^2 /NDF:7095.5/34

All: 75.980 $\pm$ 0.141 χ^2 /NDF: 12744.3/65

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: -0.435 ± 0.010 χ^2/NDF : 473.0/15

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.441 ± 0.011 χ^2/NDF : 692.0/13

Left: -0.438 ± 0.007 χ^2/NDF : 1165.1/29

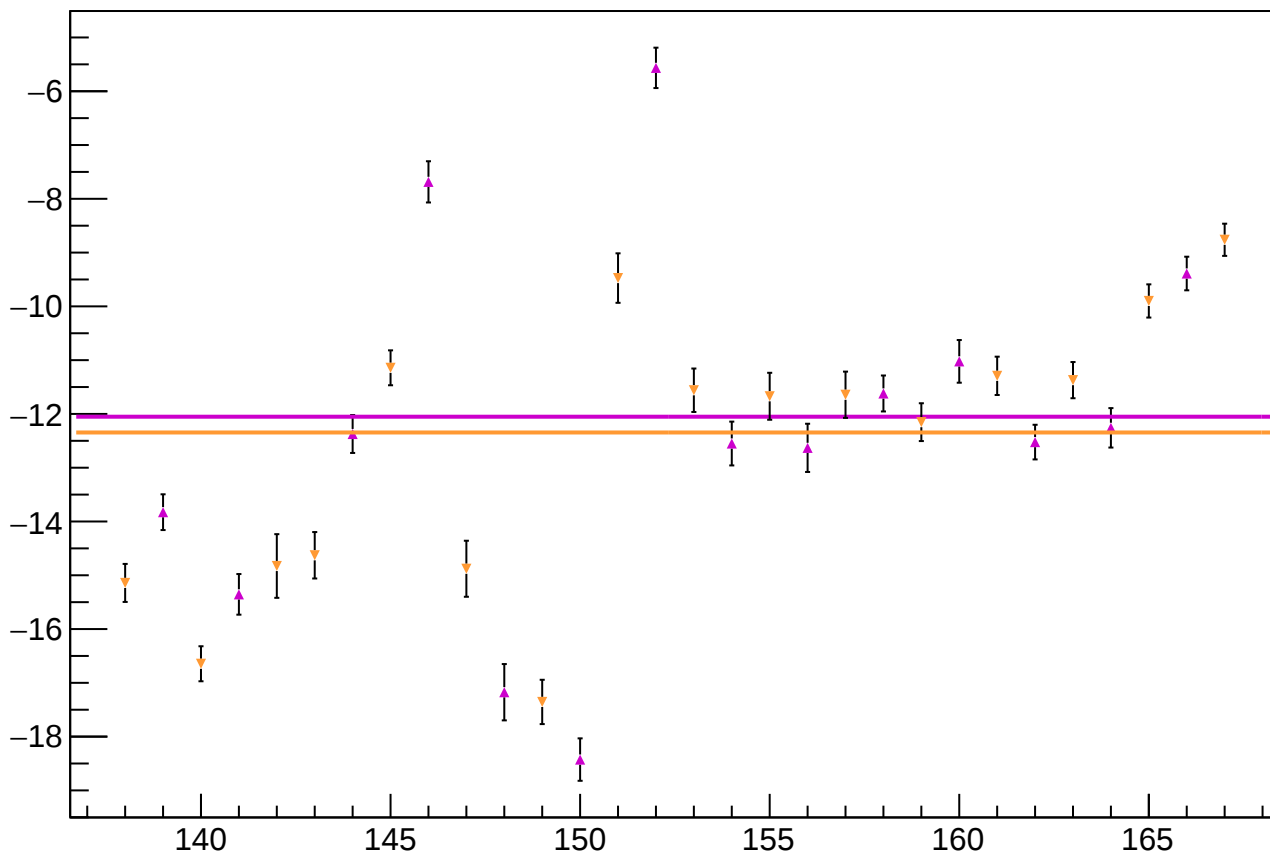
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.452 ± 0.010 χ^2/NDF : 1000.1/30

Out: -0.459 ± 0.009 χ^2/NDF : 1062.8/34

All: -0.456 ± 0.007 χ^2/NDF : 2063.1/65

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -12.345 $\pm$ 0.094 χ^2 /NDF:739.3/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -12.052 $\pm$ 0.099 χ^2 /NDF:977.4/13

Left: -12.206 $\pm$ 0.068 χ^2 /NDF: 1721.3/29

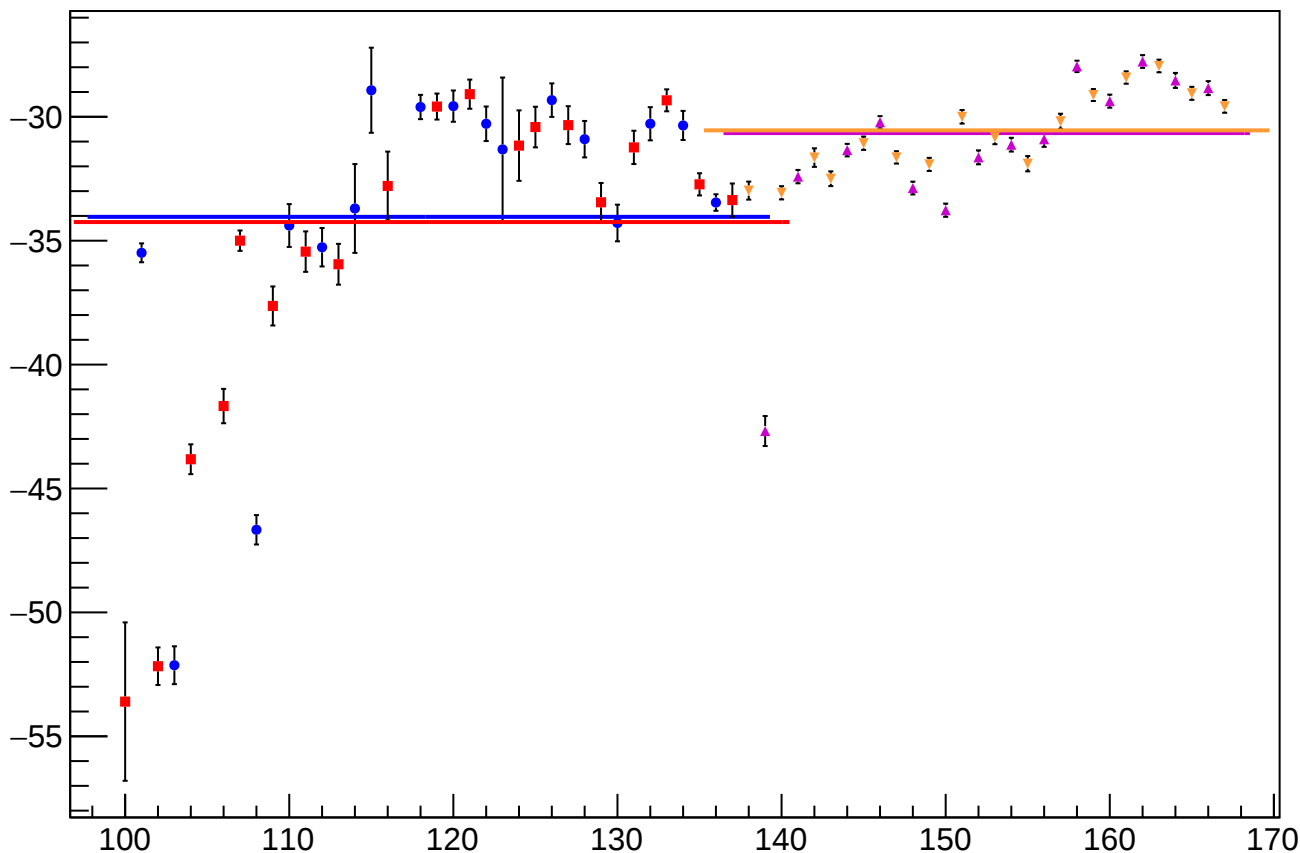
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.052 $\pm$ 0.099 χ^2 /NDF:977.4/13

Out: -12.345 $\pm$ 0.094 χ^2 /NDF:739.3/15

All: -12.206 $\pm$ 0.068 χ^2 /NDF: 1721.3/29

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.547 ± 0.069 χ^2/NDF : 516.6/15

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.657 ± 0.073 χ^2/NDF : 1048.4/13

Left: -30.599 ± 0.050 χ^2/NDF : 1566.2/29

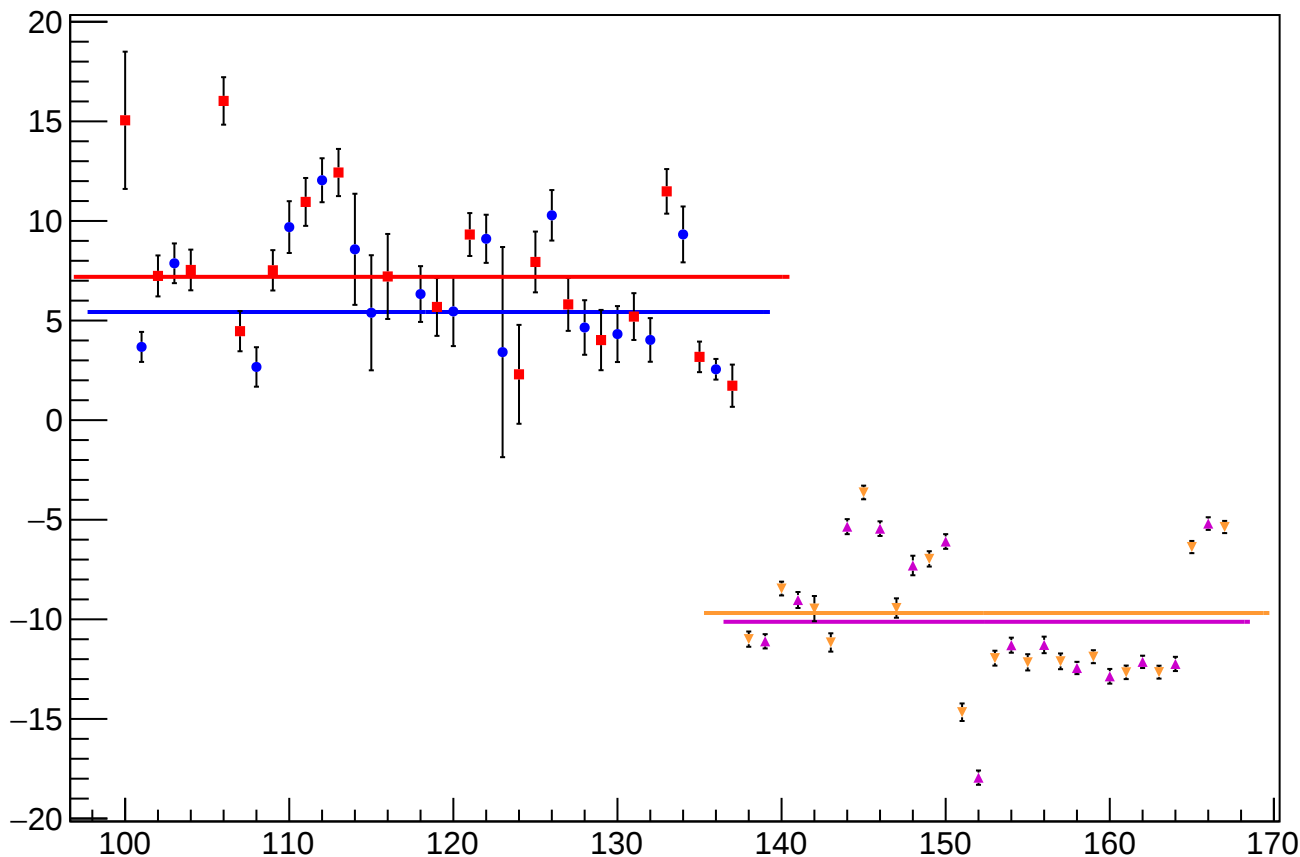
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.305 ± 0.066 χ^2/NDF : 2797.1/30

Out: -31.192 ± 0.063 χ^2/NDF : 2372.5/34

All: -31.246 ± 0.046 χ^2/NDF : 5171.2/65

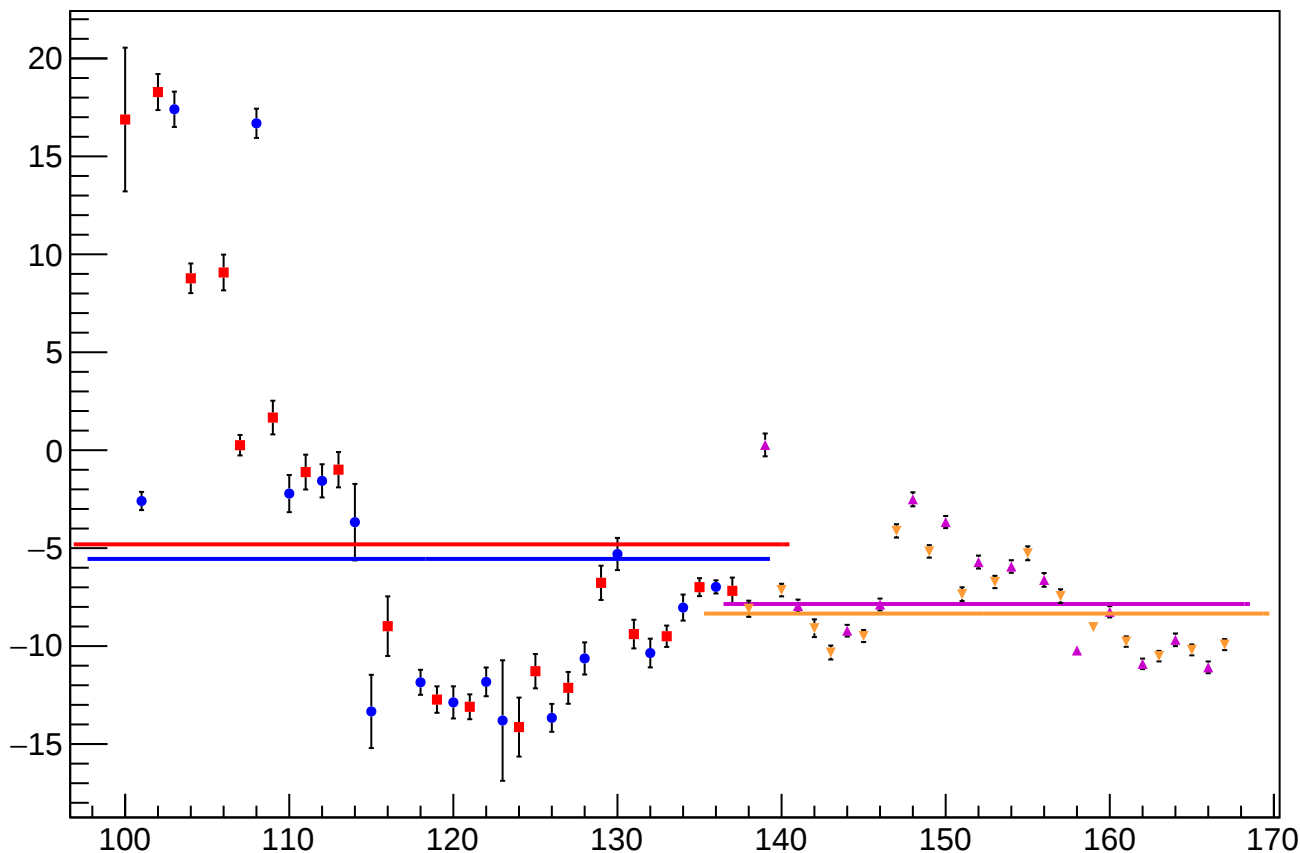
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$
 Left Out: -9.682 ± 0.093 $\chi^2/\text{NDF}: 1155.7/15$
 Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$
 Left In: -10.124 ± 0.097 $\chi^2/\text{NDF}: 1410.9/13$

Left: -9.894 ± 0.067 $\chi^2/\text{NDF}: 2577.4/29$
 Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$
 In: -8.346 ± 0.091 $\chi^2/\text{NDF}: 4484.8/30$
 Out: -7.935 ± 0.088 $\chi^2/\text{NDF}: 4738.1/34$
 All: -8.133 ± 0.063 $\chi^2/\text{NDF}: 9233.4/65$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.340 ± 0.079 χ^2/NDF : 605.4/15

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.851 ± 0.084 χ^2/NDF : 1083.8/13

Left: -8.109 ± 0.057 χ^2/NDF : 1707.3/29

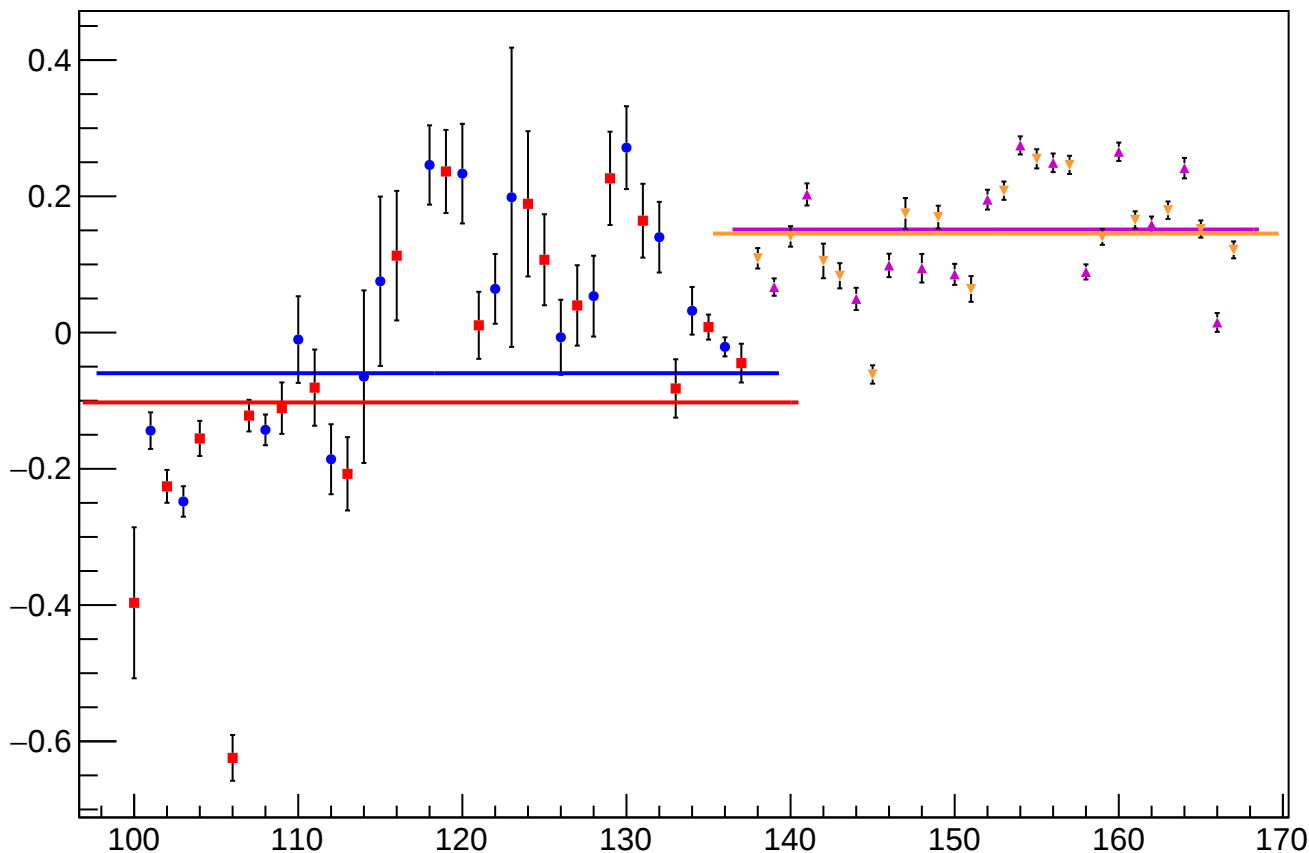
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.403 ± 0.075 χ^2/NDF : 3357.7/30

Out: -7.728 ± 0.072 χ^2/NDF : 3000.0/34

All: -7.572 ± 0.052 χ^2/NDF : 6367.5/65

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: 0.145 ± 0.004 χ^2/NDF : 432.1/15

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.151 ± 0.004 χ^2/NDF : 511.8/13

Left: 0.148 ± 0.003 χ^2/NDF : 945.1/29

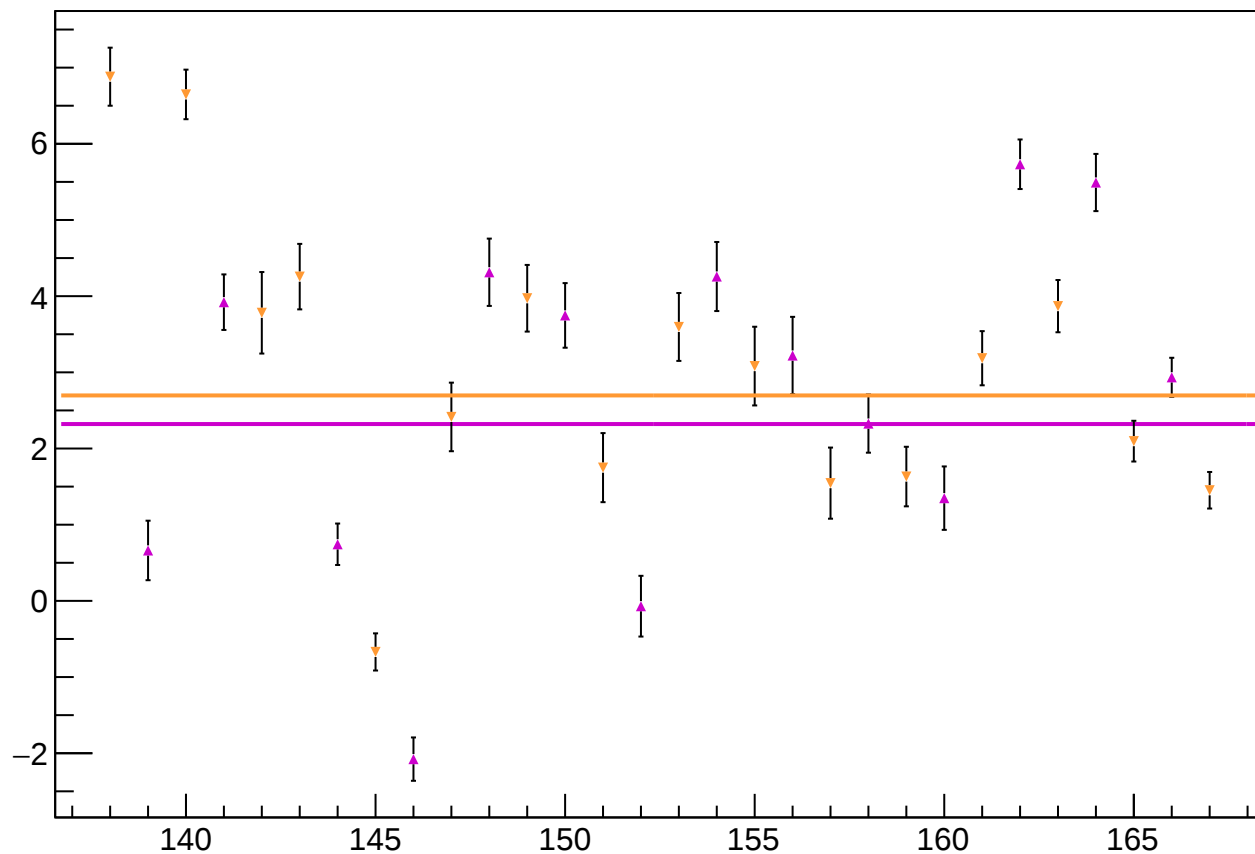
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.115 ± 0.003 χ^2/NDF : 1252.5/30

Out: 0.106 ± 0.003 χ^2/NDF : 1598.5/34

All: 0.111 ± 0.002 χ^2/NDF : 2854.5/65

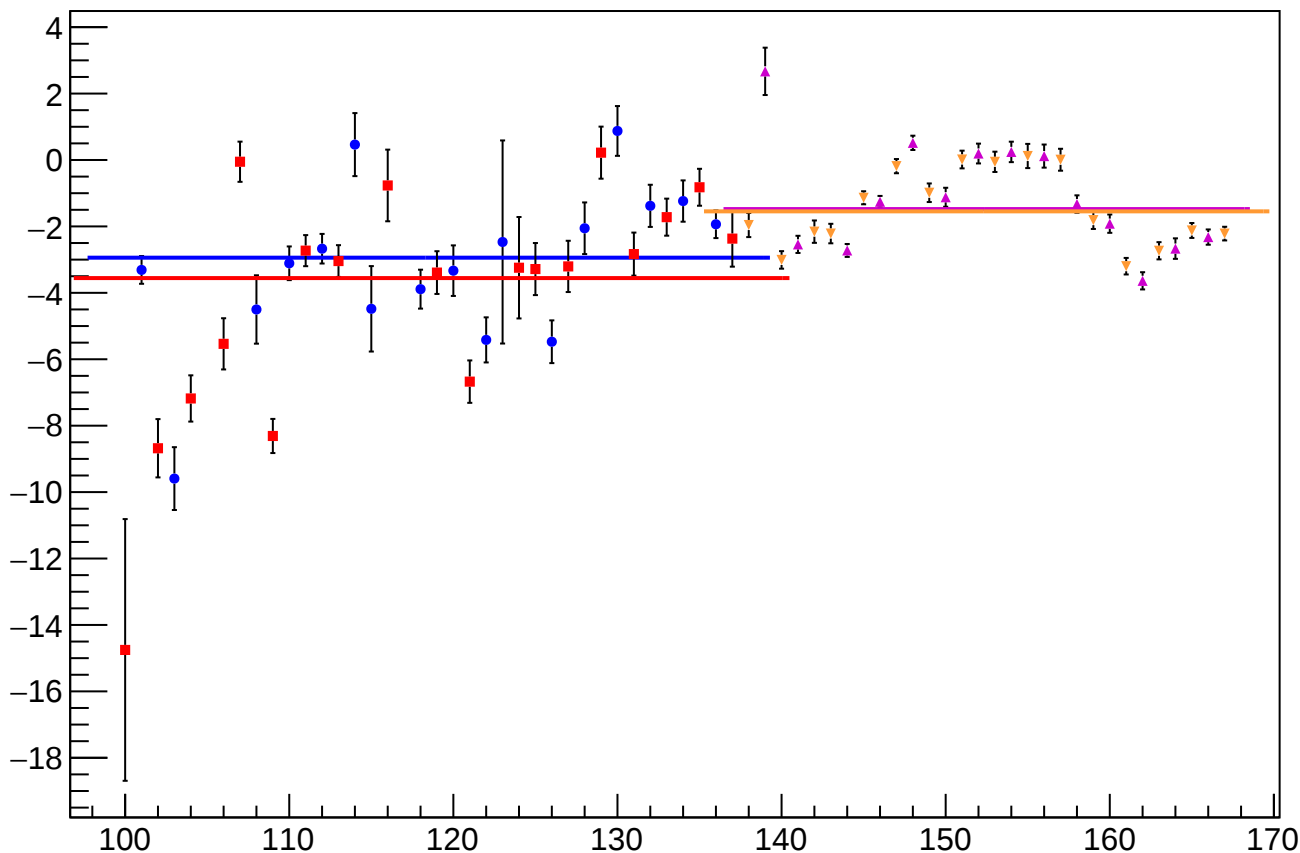
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.697 $\pm$ 0.090 χ^2/NDF :552.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13

Left: 2.521 $\pm$ 0.065 χ^2/NDF : 1152.6/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13
 Out: 2.697 $\pm$ 0.090 χ^2/NDF :552.9/15
 All: 2.521 $\pm$ 0.065 χ^2/NDF : 1152.6/29

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.547 ± 0.066 χ^2/NDF : 273.6/15

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.478 ± 0.069 χ^2/NDF : 365.0/13

Left: -1.514 ± 0.047 χ^2/NDF : 639.1/29

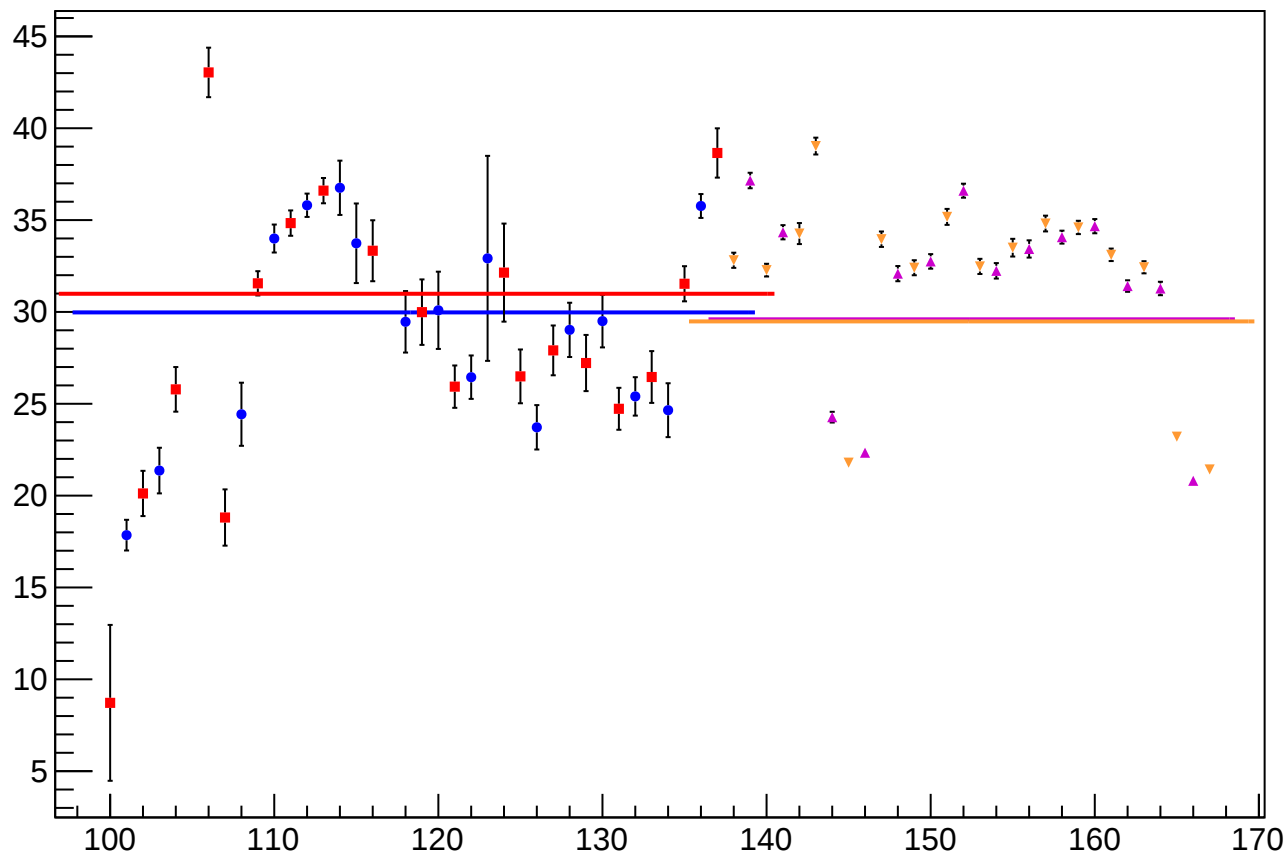
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.720 ± 0.063 χ^2/NDF : 585.7/30

Out: -1.853 ± 0.060 χ^2/NDF : 708.5/34

All: -1.789 ± 0.043 χ^2/NDF : 1296.6/65

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 29.484 $\pm$ 0.089 χ^2 /NDF: 4148.3/15

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 29.598 $\pm$ 0.094 χ^2 /NDF: 3578.2/13

Left: 29.538 $\pm$ 0.065 χ^2 /NDF: 7727.3/29

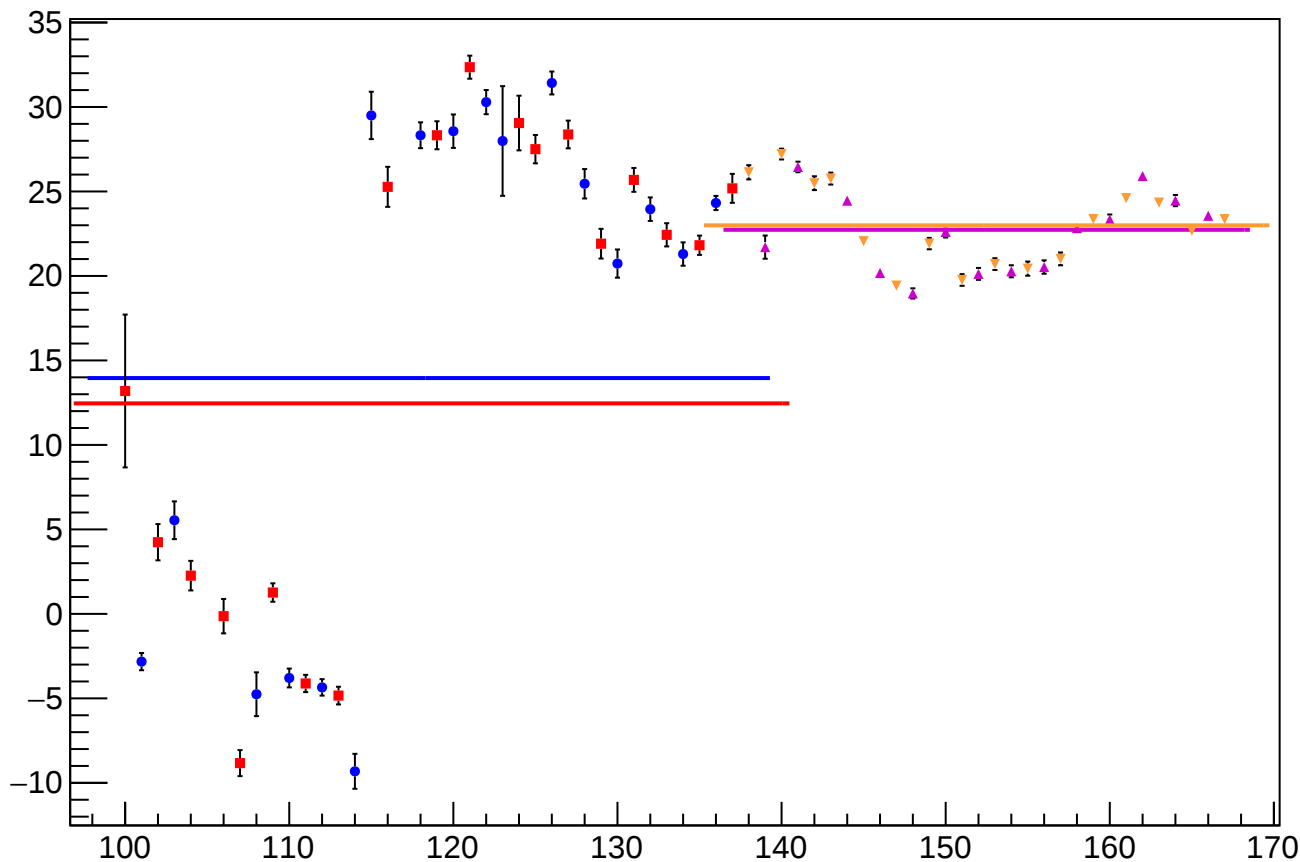
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 29.639 $\pm$ 0.088 χ^2 /NDF: 4133.9/30

Out: 29.643 $\pm$ 0.084 χ^2 /NDF: 4659.3/34

All: 29.641 $\pm$ 0.061 χ^2 /NDF: 8793.2/65

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.995 $\pm$ 0.075 χ^2 /NDF: 765.9/15

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.731 $\pm$ 0.080 χ^2 /NDF: 807.0/13

Left: 22.870 $\pm$ 0.055 χ^2 /NDF: 1578.7/29

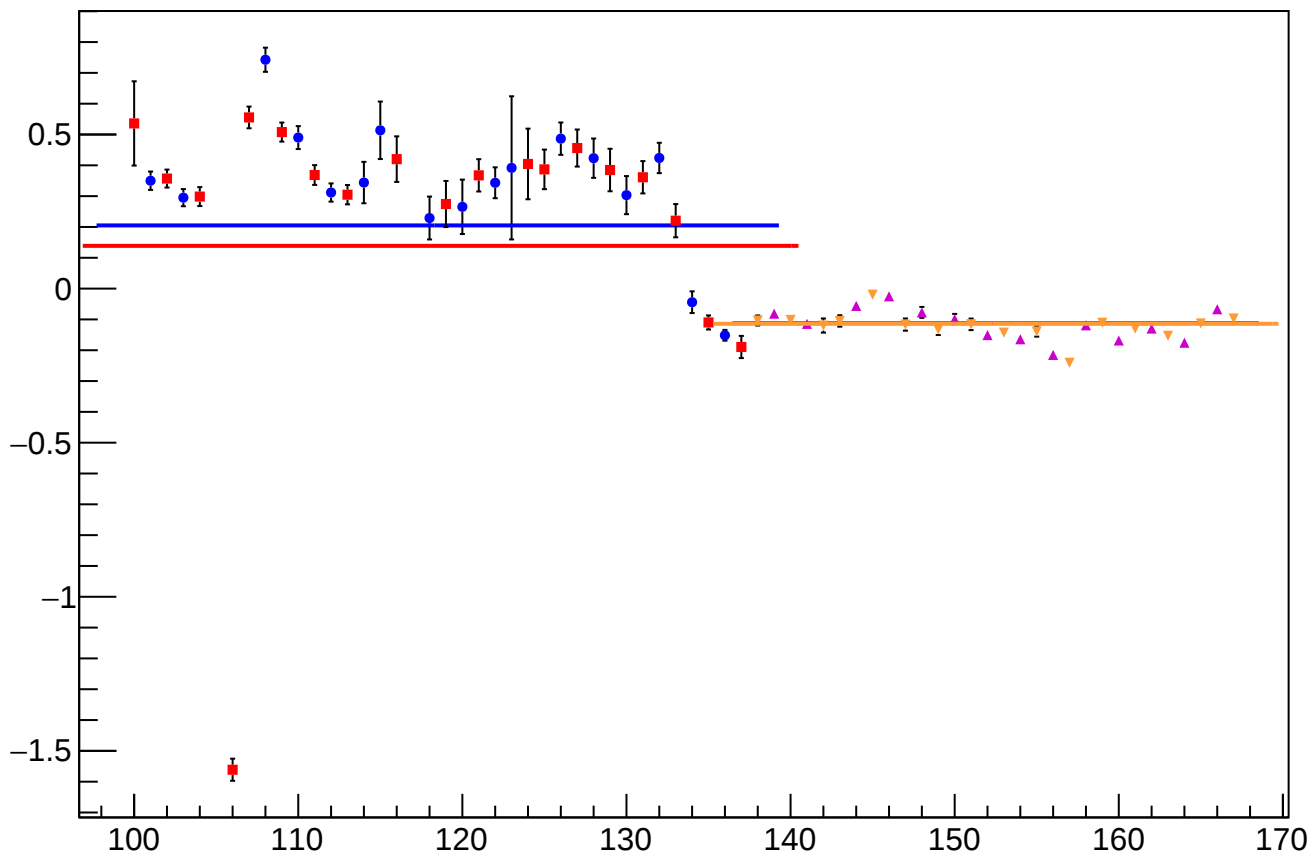
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.189 $\pm$ 0.072 χ^2 /NDF: 10293.0/30

Out: 21.324 $\pm$ 0.069 χ^2 /NDF: 10845.1/34

All: 21.259 $\pm$ 0.050 χ^2 /NDF: 21140.0/65

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.114 ± 0.004 χ^2/NDF : 184.2/15

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.112 ± 0.004 χ^2/NDF : 190.1/13

Left: -0.113 ± 0.003 χ^2/NDF : 374.5/29

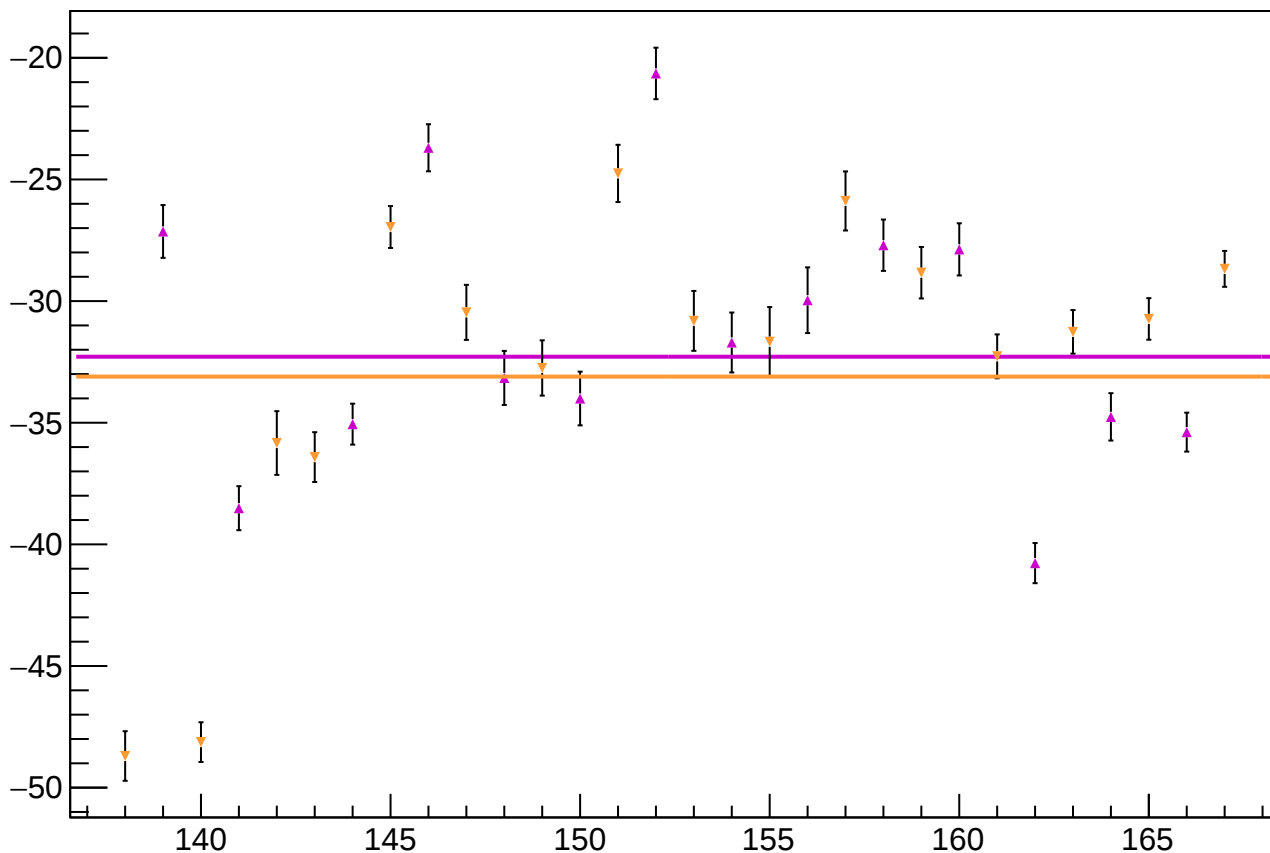
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.068 ± 0.003 χ^2/NDF : 2023.7/30

Out: -0.082 ± 0.003 χ^2/NDF : 3860.2/34

All: -0.075 ± 0.002 χ^2/NDF : 5892.0/65

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



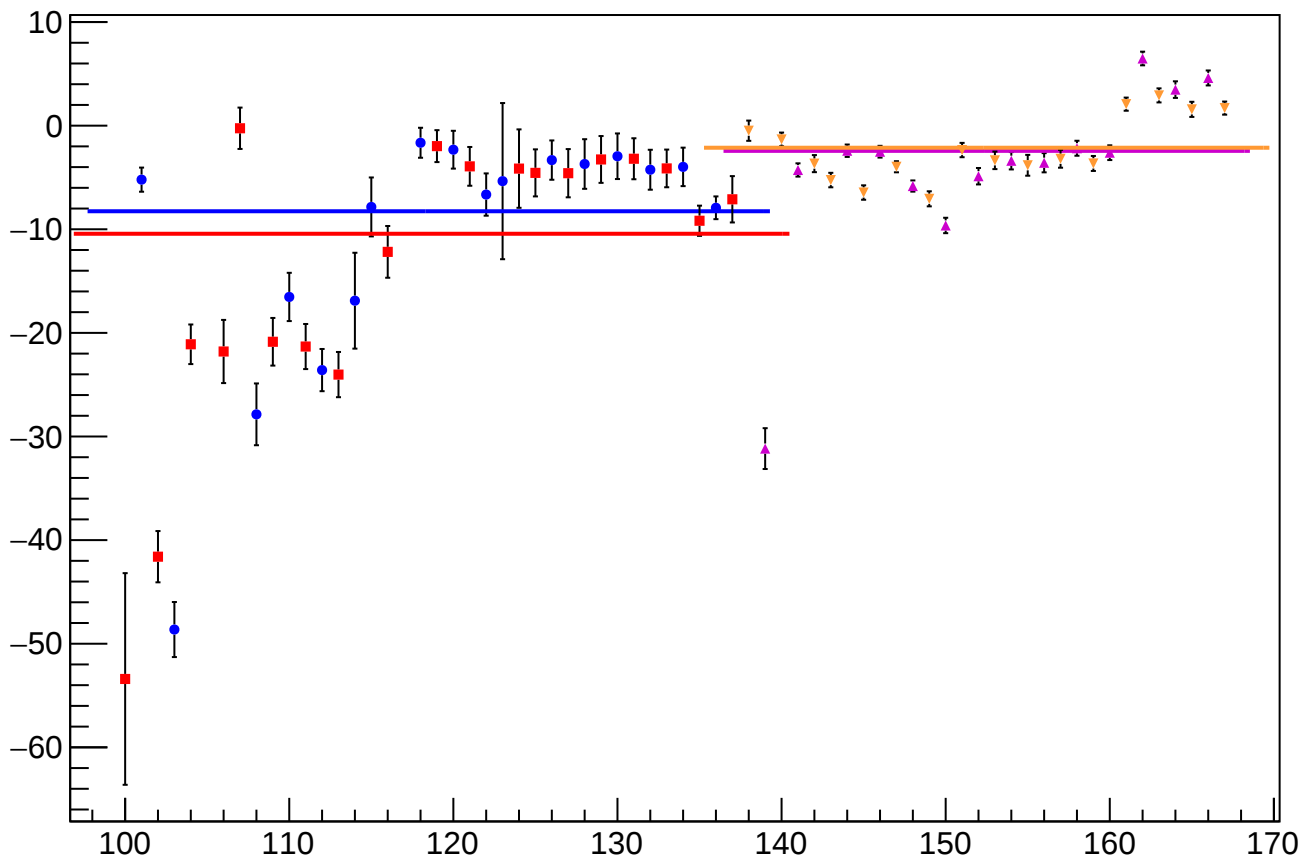
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.103 $\pm$ 0.250 χ^2/NDF :799.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -32.287 $\pm$ 0.266 χ^2/NDF :449.7/13

Left: -32.721 $\pm$ 0.182 χ^2/NDF : 1254.2/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.287 $\pm$ 0.266 χ^2/NDF :449.7/13
 Out: -33.103 $\pm$ 0.250 χ^2/NDF :799.4/15

All: -32.721 $\pm$ 0.182 χ^2/NDF : 1254.2/29

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.130 ± 0.179 $\chi^2/\text{NDF}: 296.8/15$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.433 ± 0.190 $\chi^2/\text{NDF}: 699.1/13$

Left: -2.273 ± 0.130 $\chi^2/\text{NDF}: 997.3/29$

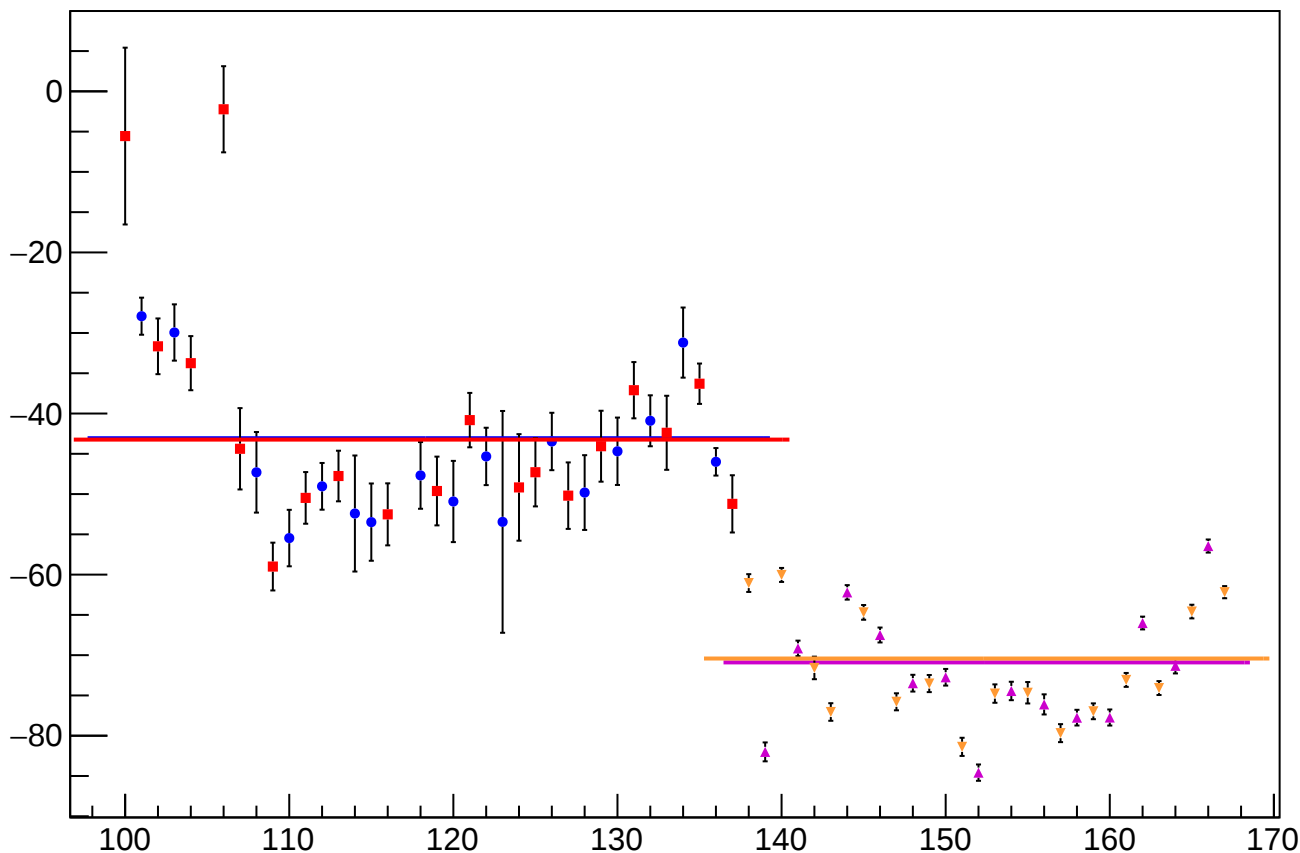
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -3.275 ± 0.176 $\chi^2/\text{NDF}: 1246.8/30$

Out: -3.109 ± 0.168 $\chi^2/\text{NDF}: 978.2/34$

All: -3.189 ± 0.122 $\chi^2/\text{NDF}: 2225.4/65$

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: -70.416 ± 0.248 $\chi^2/\text{NDF}: 752.2/15$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -70.899 ± 0.261 $\chi^2/\text{NDF}: 867.9/13$

Left: -70.645 ± 0.180 $\chi^2/\text{NDF}: 1622.0/29$

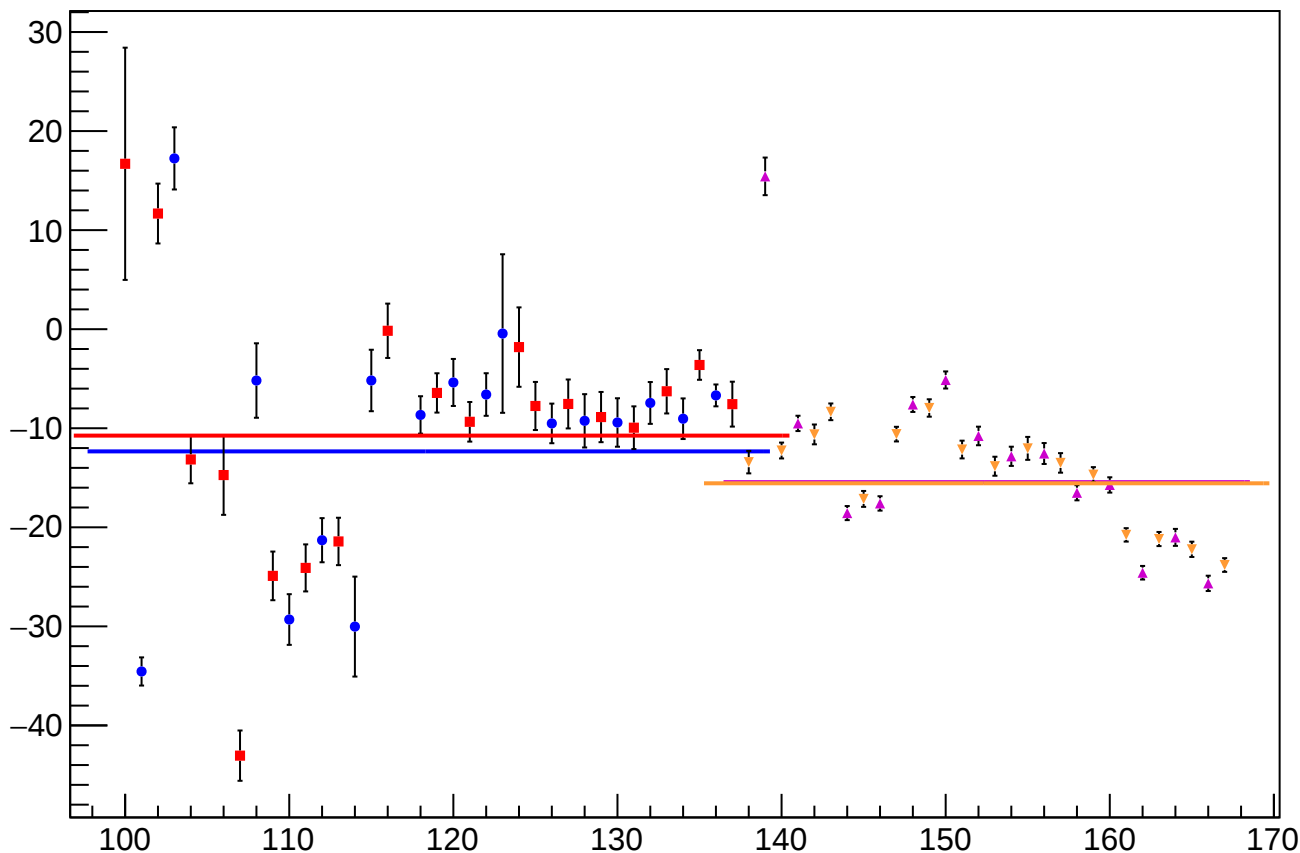
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -68.428 ± 0.249 $\chi^2/\text{NDF}: 1978.8/30$

Out: -68.355 ± 0.238 $\chi^2/\text{NDF}: 1816.6/34$

All: -68.390 ± 0.172 $\chi^2/\text{NDF}: 3795.4/65$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -15.557 ± 0.208 χ^2/NDF : 612.4/15

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -15.439 ± 0.221 χ^2/NDF : 1038.1/13

Left: -15.502 ± 0.151 χ^2/NDF : 1650.6/29

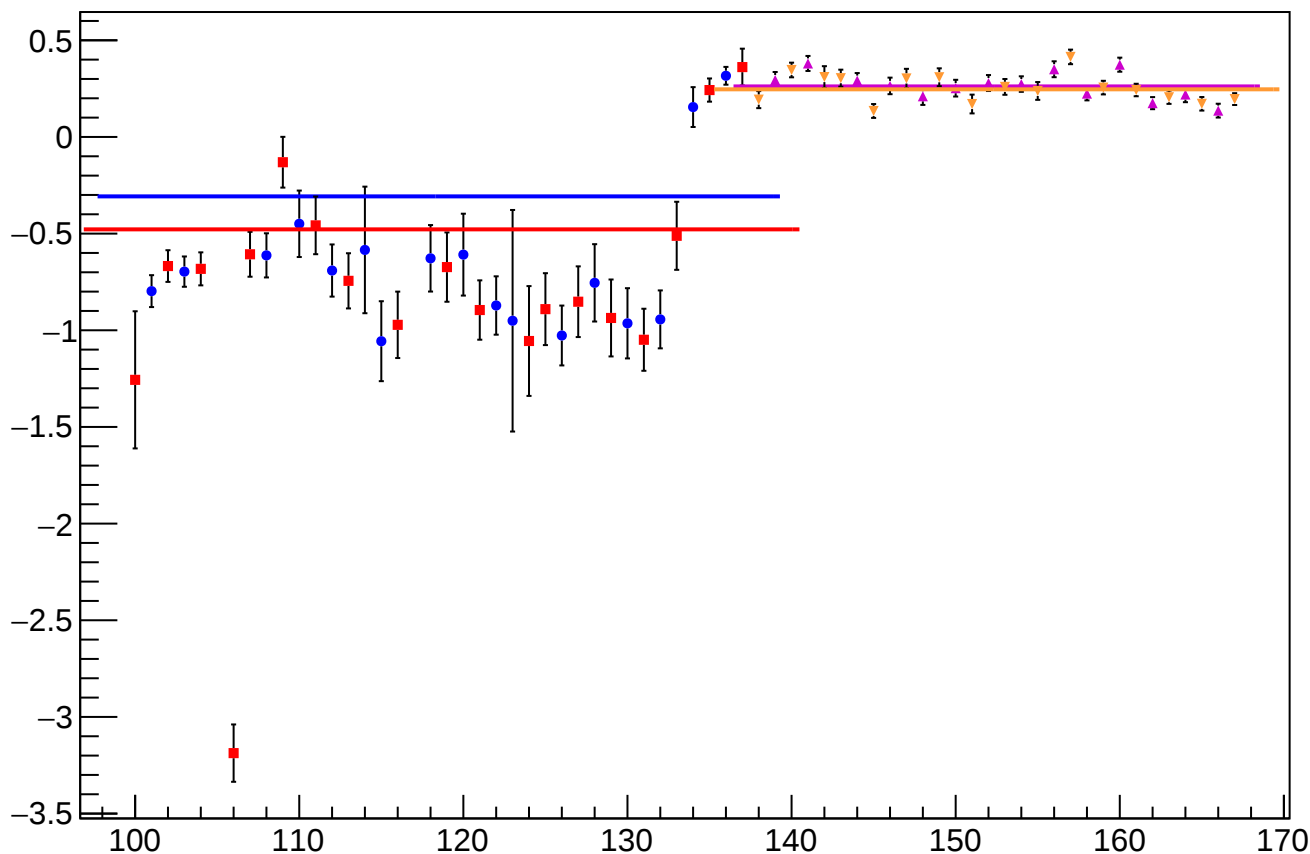
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -14.966 ± 0.203 χ^2/NDF : 1543.4/30

Out: -14.962 ± 0.195 χ^2/NDF : 1045.7/34

All: -14.964 ± 0.140 χ^2/NDF : 2589.1/65

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: 0.246 ± 0.010 χ^2/NDF : 55.5/15

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.261 ± 0.010 χ^2/NDF : 48.5/13

Left: 0.253 ± 0.007 χ^2/NDF : 105.1/29

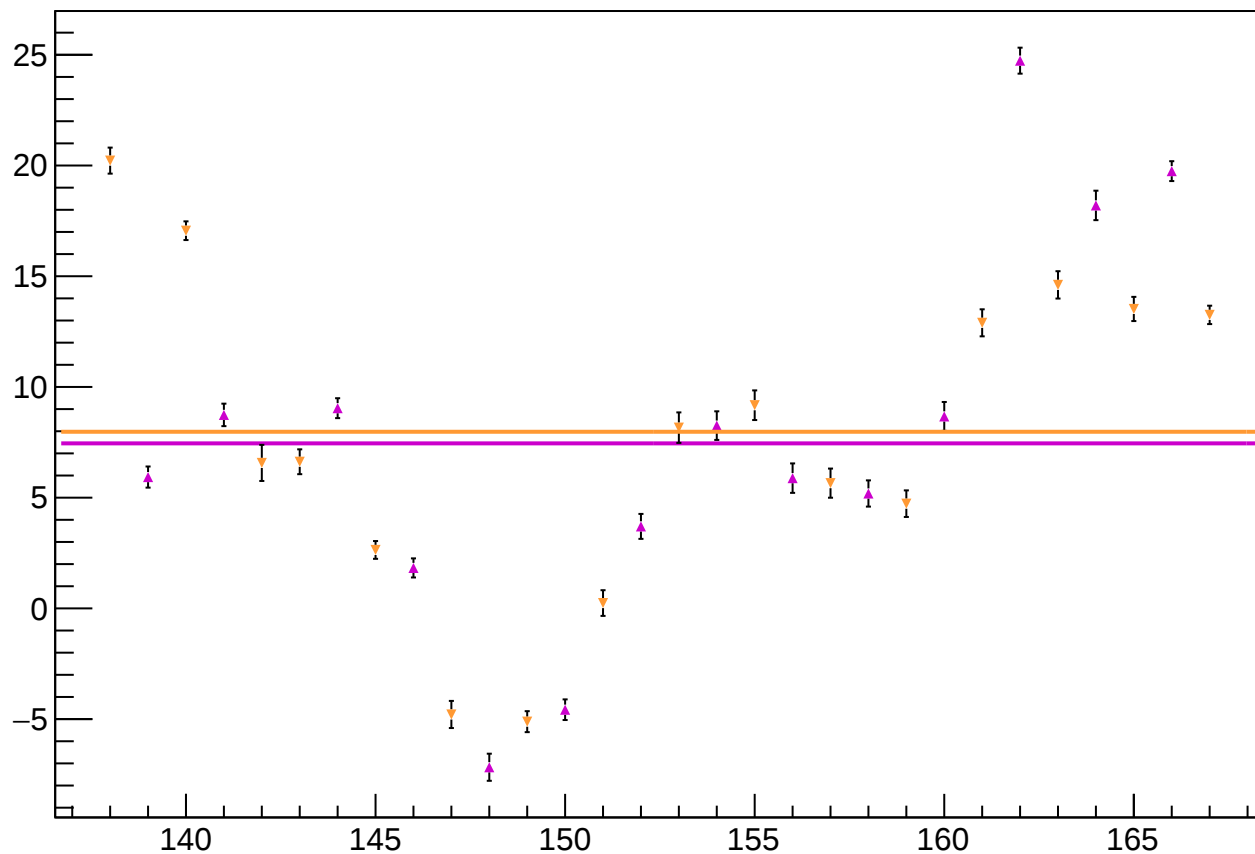
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.191 ± 0.010 χ^2/NDF : 794.5/30

Out: 0.170 ± 0.009 χ^2/NDF : 1263.5/34

All: 0.180 ± 0.007 χ^2/NDF : 2060.4/65

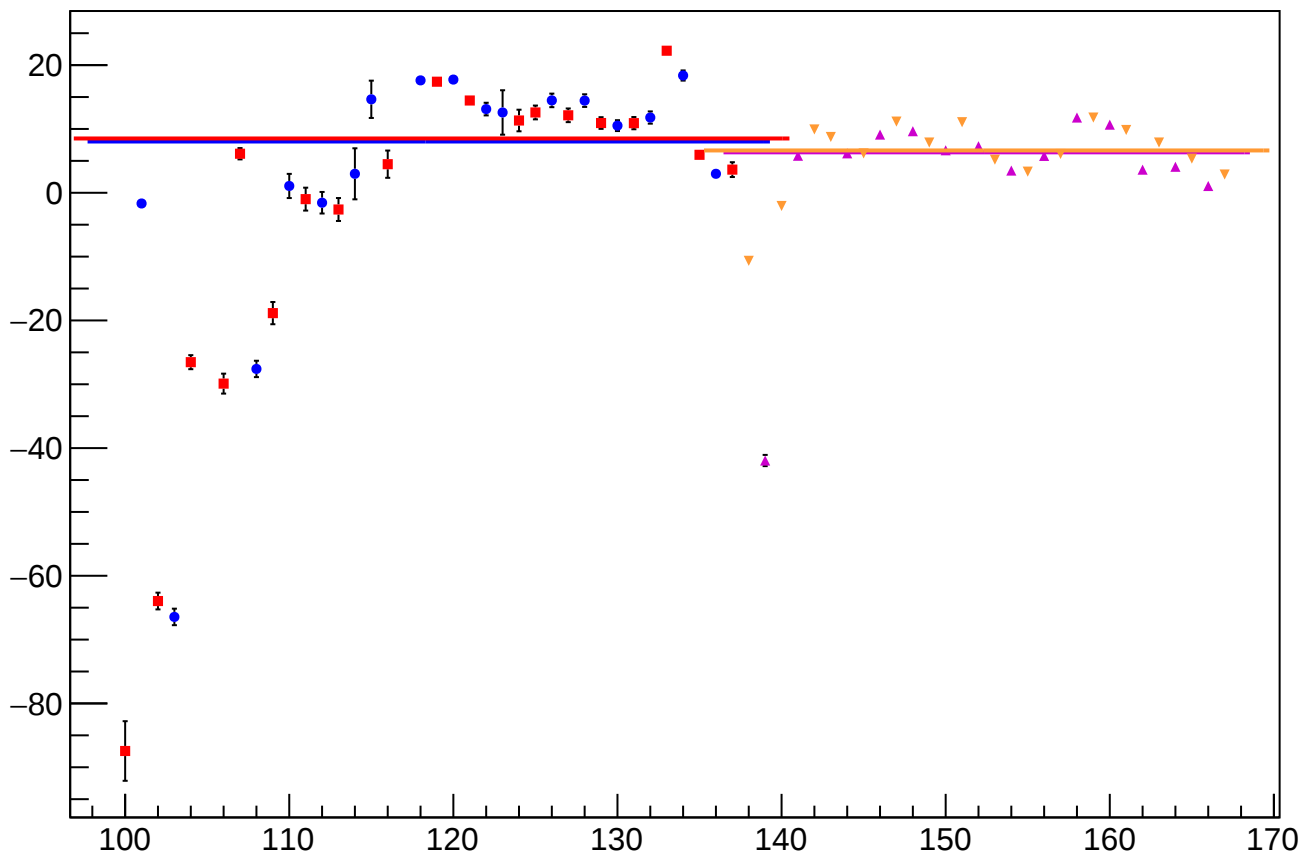
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.976+/-0.137 χ^2/NDF :2948.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.452+/-0.143 χ^2/NDF :3385.8/13

Left: 7.726+/-0.099 χ^2/NDF : 6341.2/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.452+/-0.143 χ^2/NDF :3385.8/13
 Out: 7.976+/-0.137 χ^2/NDF :2948.4/15
 All: 7.726+/-0.099 χ^2/NDF : 6341.2/29

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 6.632 ± 0.098 $\chi^2/\text{NDF}: 2347.9/15$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 6.336 ± 0.104 $\chi^2/\text{NDF}: 3783.5/13$

Left: 6.492 ± 0.071 $\chi^2/\text{NDF}: 6135.7/29$

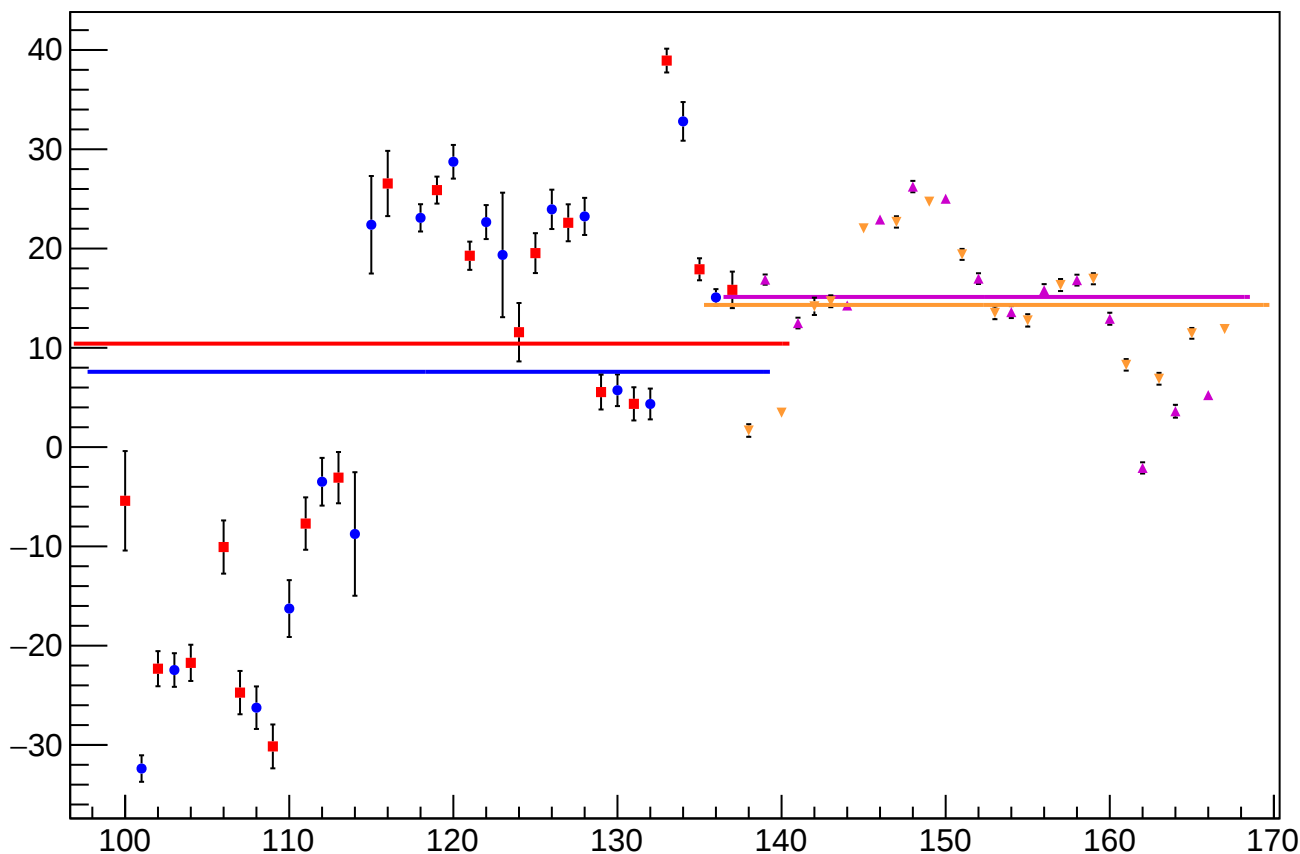
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 6.655 ± 0.093 $\chi^2/\text{NDF}: 9204.3/30$

Out: 6.962 ± 0.089 $\chi^2/\text{NDF}: 9125.2/34$

All: 6.816 ± 0.065 $\chi^2/\text{NDF}: 18335.1/65$

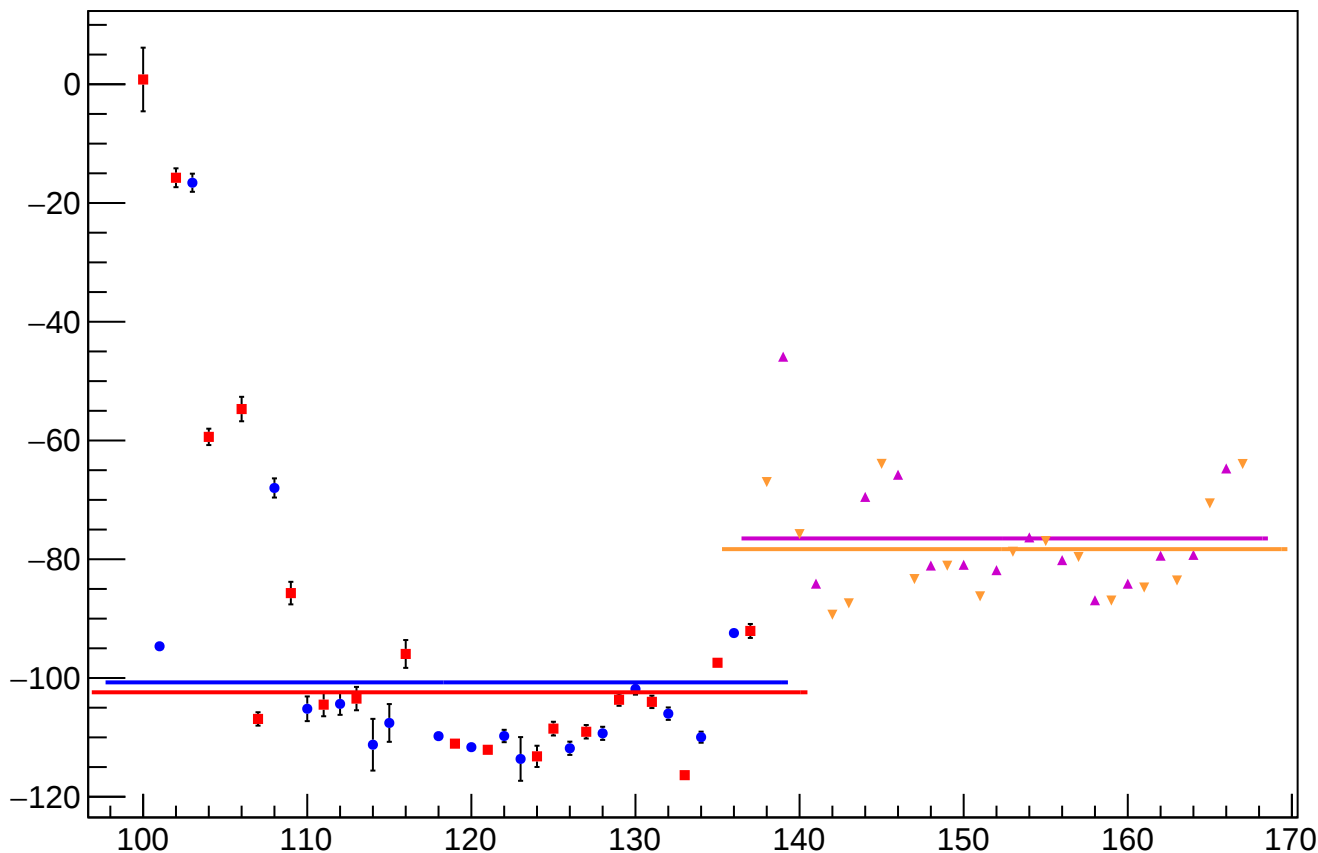
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2/NDF : 2322.7/16
 Left Out: 14.321 $\pm$ 0.136 χ^2/NDF :2521.3/15
 Right Out: 10.422 $\pm$ 0.416 χ^2/NDF : 2289.5/18
 Left In: 15.126 $\pm$ 0.140 χ^2/NDF :3038.2/13

Left: 14.711 $\pm$ 0.098 χ^2/NDF : 5576.5/29
 Right: 9.004 $\pm$ 0.294 χ^2/NDF : 4635.5/35
 In: 14.357 $\pm$ 0.133 χ^2/NDF :5655.6/30
 Out: 13.945 $\pm$ 0.129 χ^2/NDF :4890.2/34
 All: 14.145 $\pm$ 0.093 χ^2/NDF : 10550.7/65

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: -78.296 ± 0.115 $\chi^2/\text{NDF}: 5313.3/15$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -76.495 ± 0.120 $\chi^2/\text{NDF}: 4989.9/13$

Left: -77.439 ± 0.083 $\chi^2/\text{NDF}: 10420.5/29$

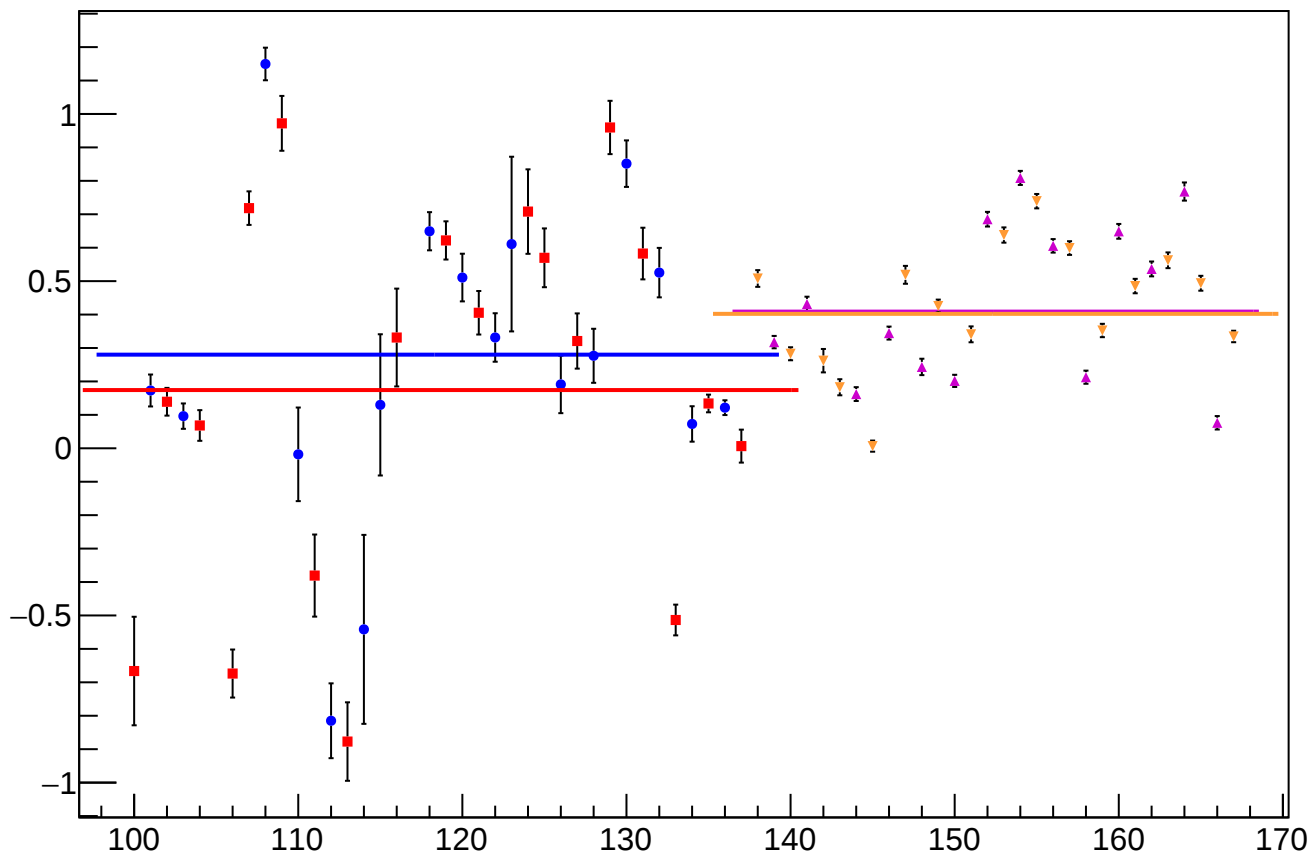
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -81.109 ± 0.108 $\chi^2/\text{NDF}: 17226.9/30$

Out: -82.608 ± 0.104 $\chi^2/\text{NDF}: 19299.8/34$

All: -81.889 ± 0.075 $\chi^2/\text{NDF}: 36626.3/65$

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: 0.402 ± 0.005 χ^2/NDF : 1289.3/15

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.409 ± 0.006 χ^2/NDF : 1665.1/13

Left: 0.405 ± 0.004 χ^2/NDF : 2955.1/29

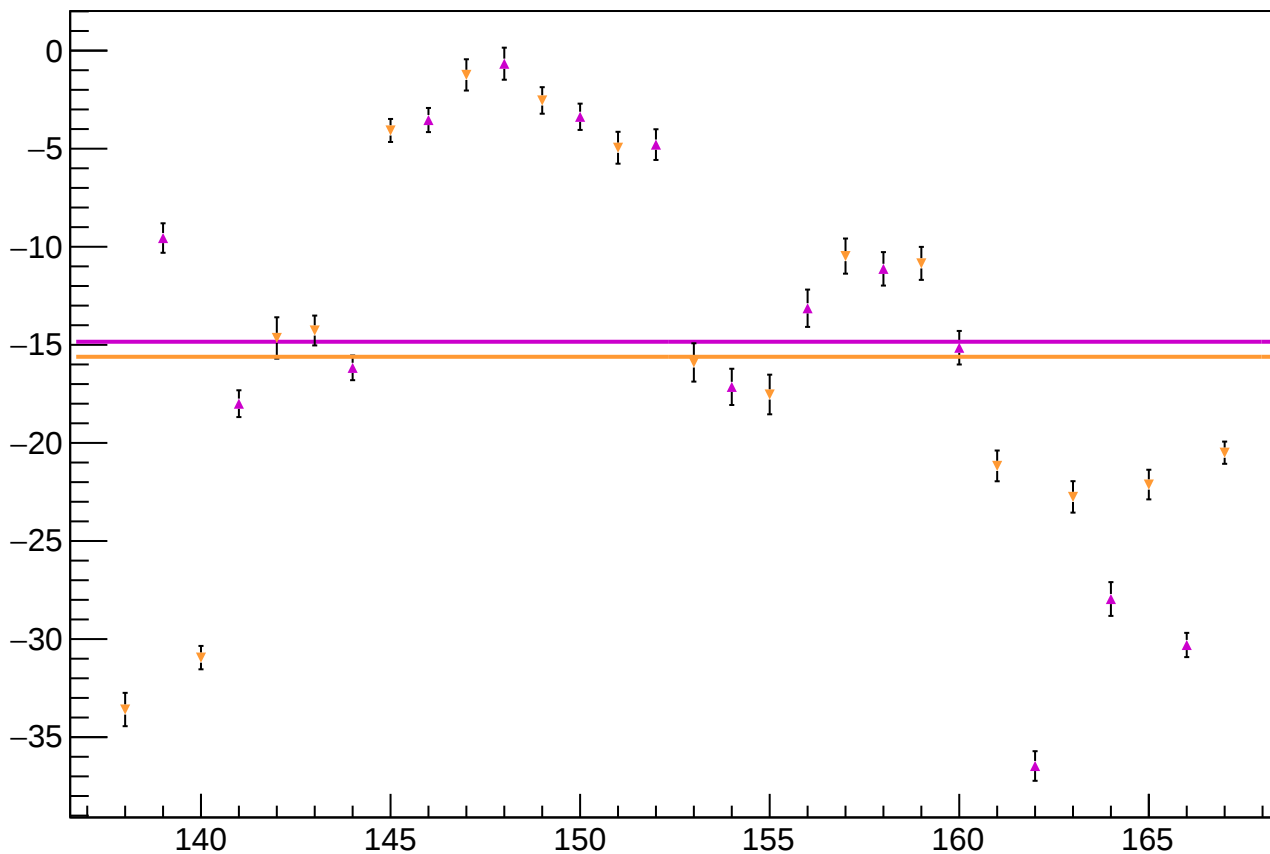
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.390 ± 0.005 χ^2/NDF : 2399.3/30

Out: 0.371 ± 0.005 χ^2/NDF : 2501.4/34

All: 0.380 ± 0.004 χ^2/NDF : 4907.9/65

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



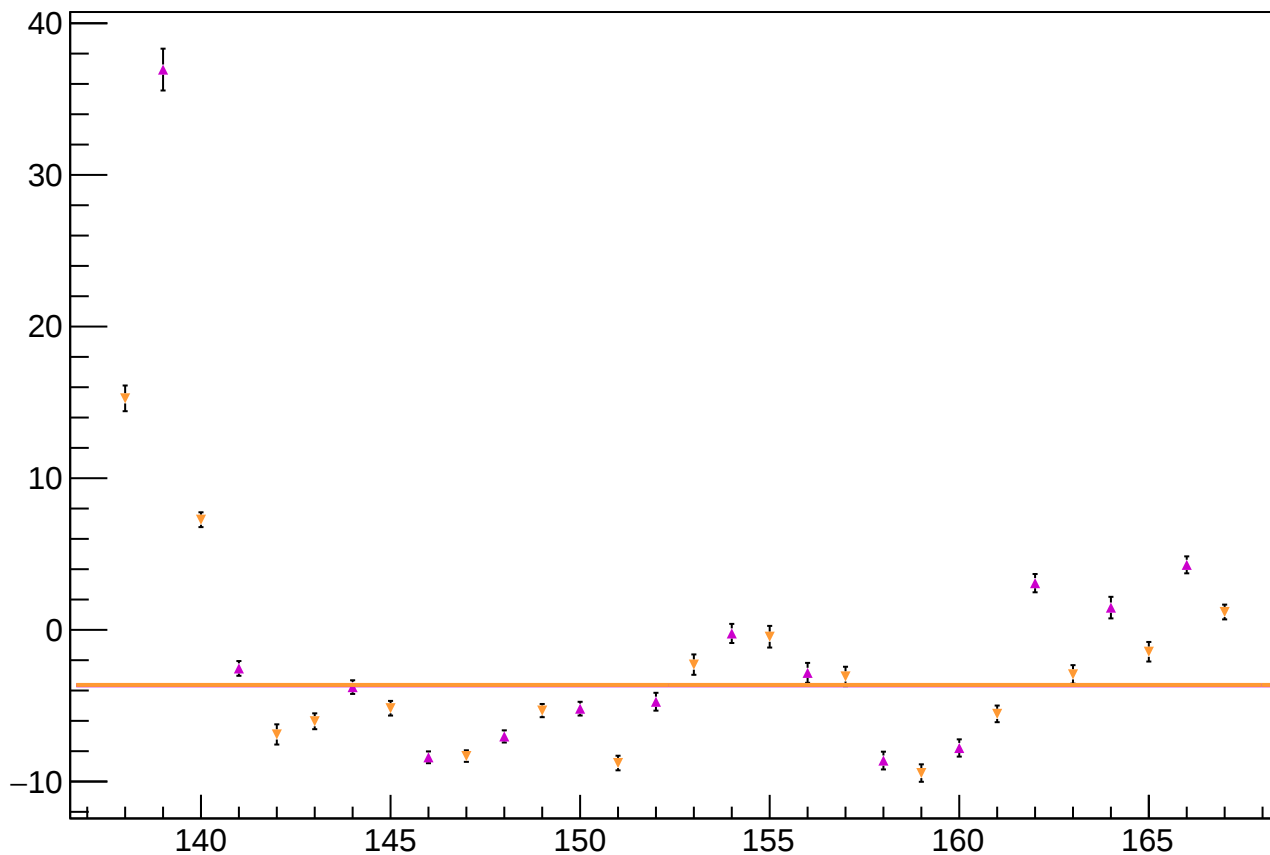
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.609+/-0.190 χ^2/NDF : 2718.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.842+/-0.199 χ^2/NDF : 2879.0/13

Left: -15.244+/-0.137 χ^2/NDF : 5604.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.842+/-0.199 χ^2/NDF : 2879.0/13
 Out: -15.609+/-0.190 χ^2/NDF : 2718.0/15

All: -15.244+/-0.137 χ^2/NDF : 5604.7/29

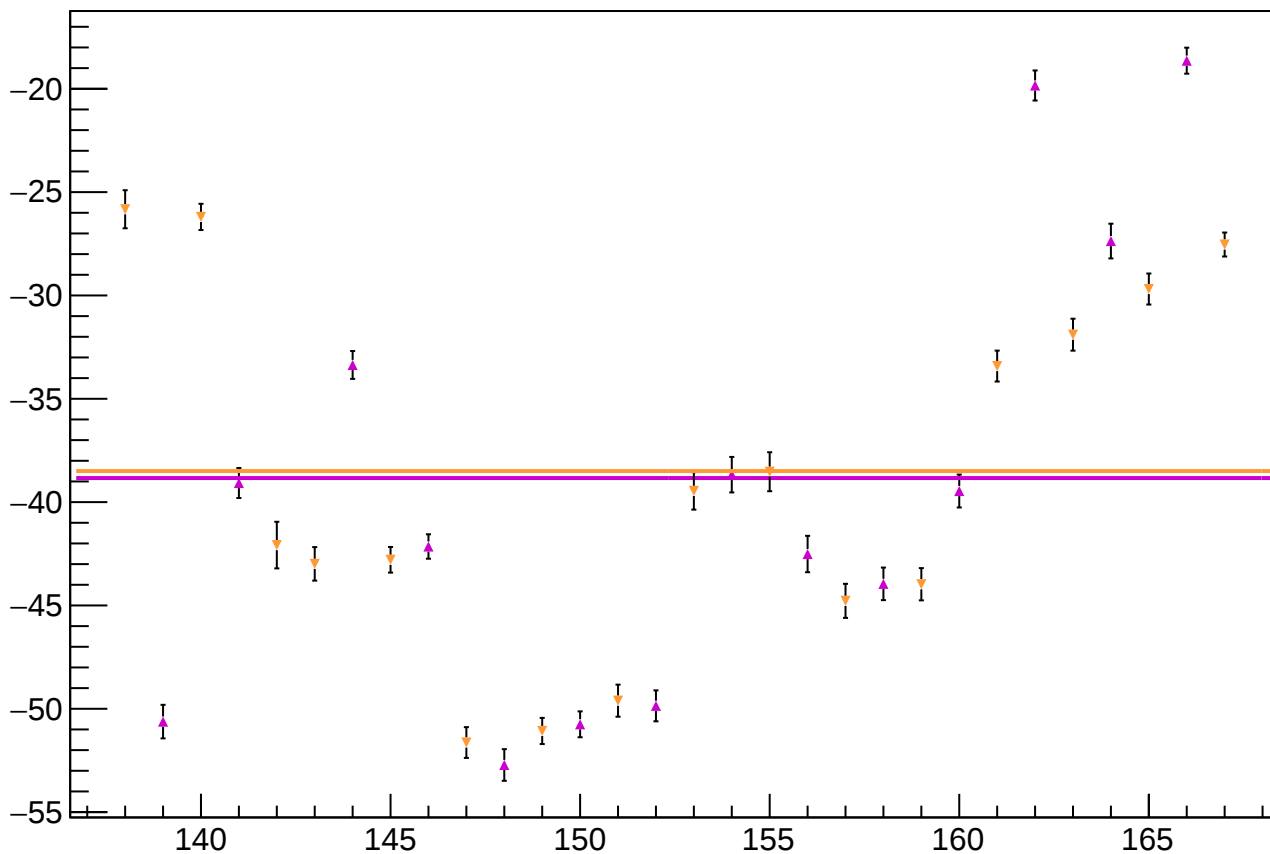
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.631+/-0.135 χ^2/NDF :1578.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.656+/-0.143 χ^2/NDF :1640.1/13

Left: -3.643+/-0.098 χ^2/NDF : 3218.9/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.656+/-0.143 χ^2/NDF :1640.1/13
 Out: -3.631+/-0.135 χ^2/NDF :1578.8/15
 All: -3.643+/-0.098 χ^2/NDF : 3218.9/29

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



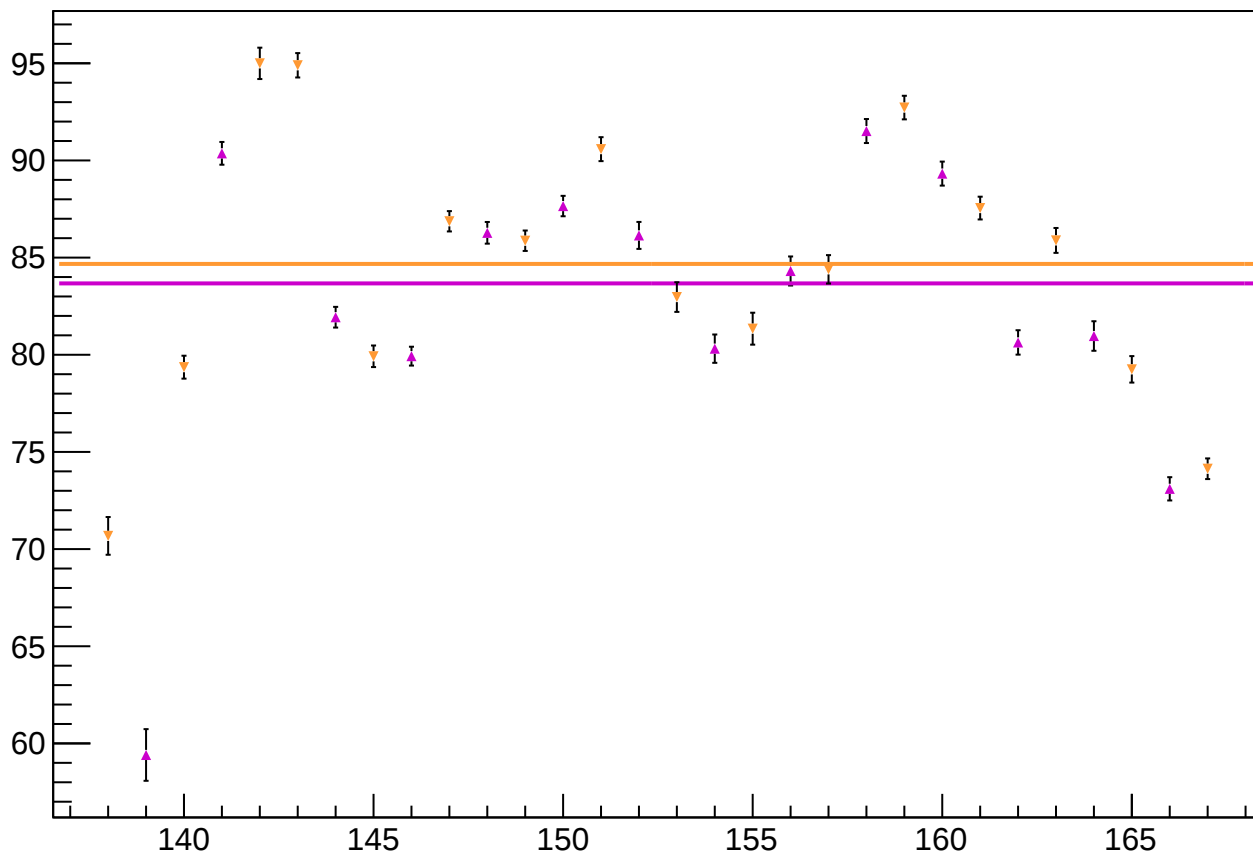
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.497+/-0.188 χ^2/NDF :2286.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.835+/-0.195 χ^2/NDF :3174.2/13

Left: -38.660+/-0.136 χ^2/NDF : 5462.4/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.835+/-0.195 χ^2/NDF :3174.2/13
 Out: -38.497+/-0.188 χ^2/NDF :2286.6/15

All: -38.660+/-0.136 χ^2/NDF : 5462.4/29

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: 84.675+/-0.158 χ^2/NDF :1586.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.673+/-0.166 χ^2/NDF :1240.3/13

Left: 84.199+/-0.115 χ^2/NDF : 2846.1/29

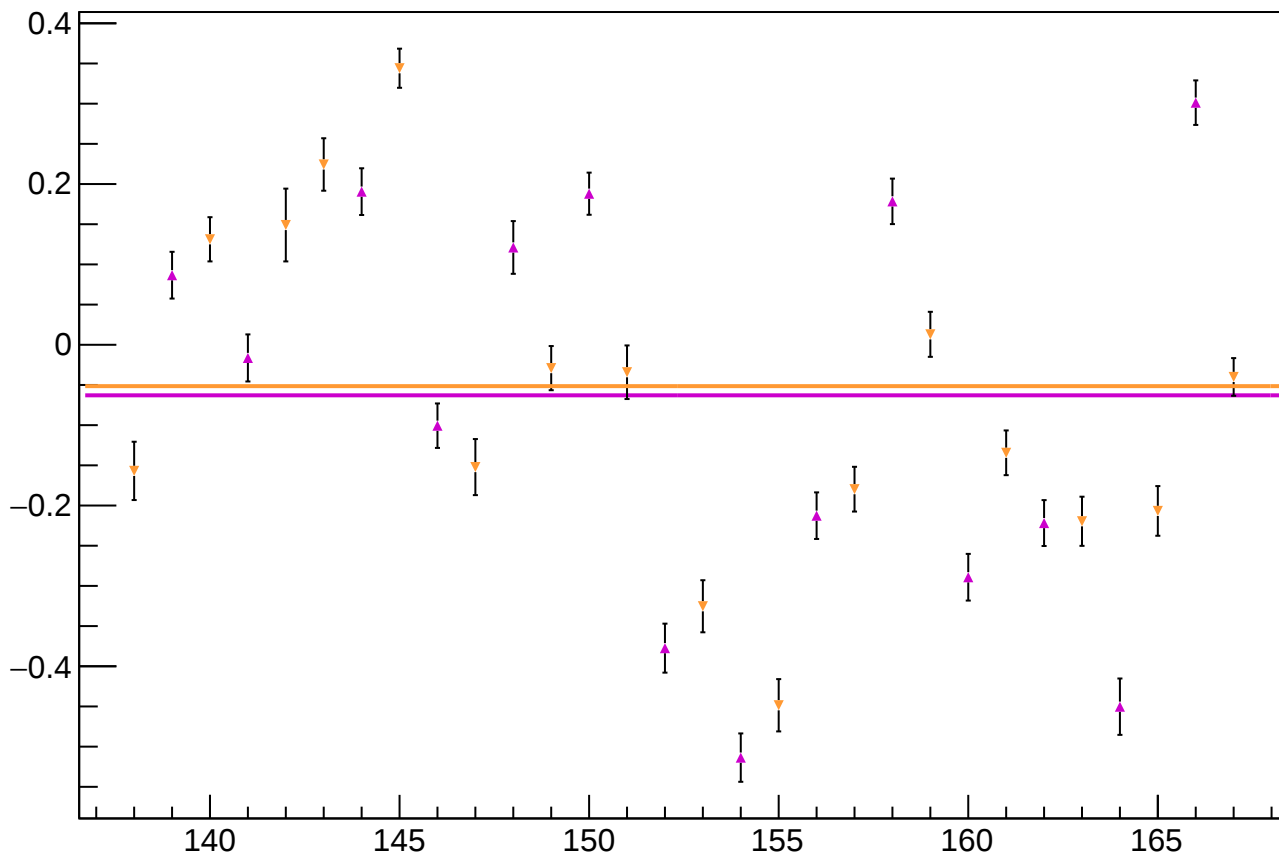
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.673+/-0.166 χ^2/NDF :1240.3/13

Out: 84.675+/-0.158 χ^2/NDF :1586.8/15

All: 84.199+/-0.115 χ^2/NDF : 2846.1/29

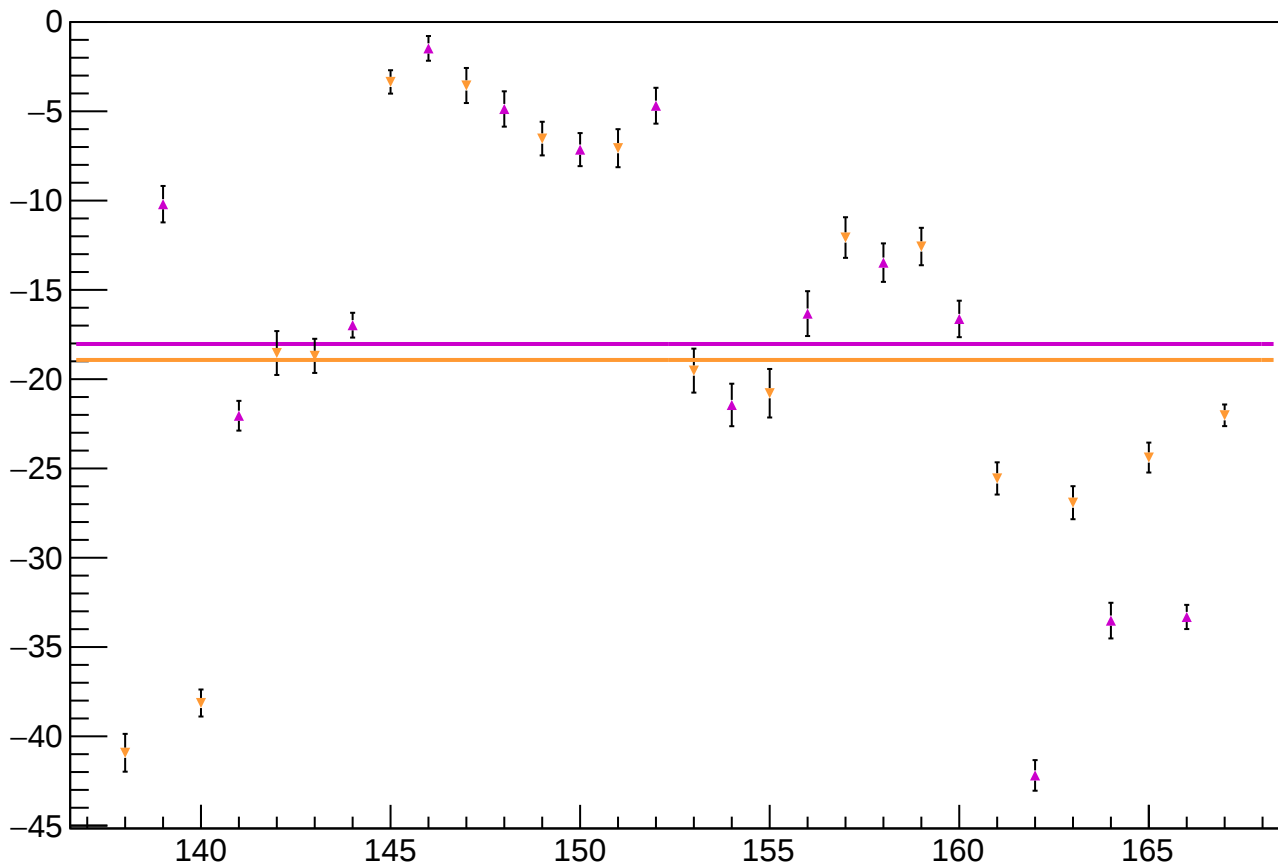
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.051+/-0.007 χ^2/NDF : 728.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.063+/-0.008 χ^2/NDF : 1046.6/13

Left: -0.057+/-0.005 χ^2/NDF : 1776.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.063+/-0.008 χ^2/NDF : 1046.6/13
 Out: -0.051+/-0.007 χ^2/NDF : 728.3/15
 All: -0.057+/-0.005 χ^2/NDF : 1776.1/29

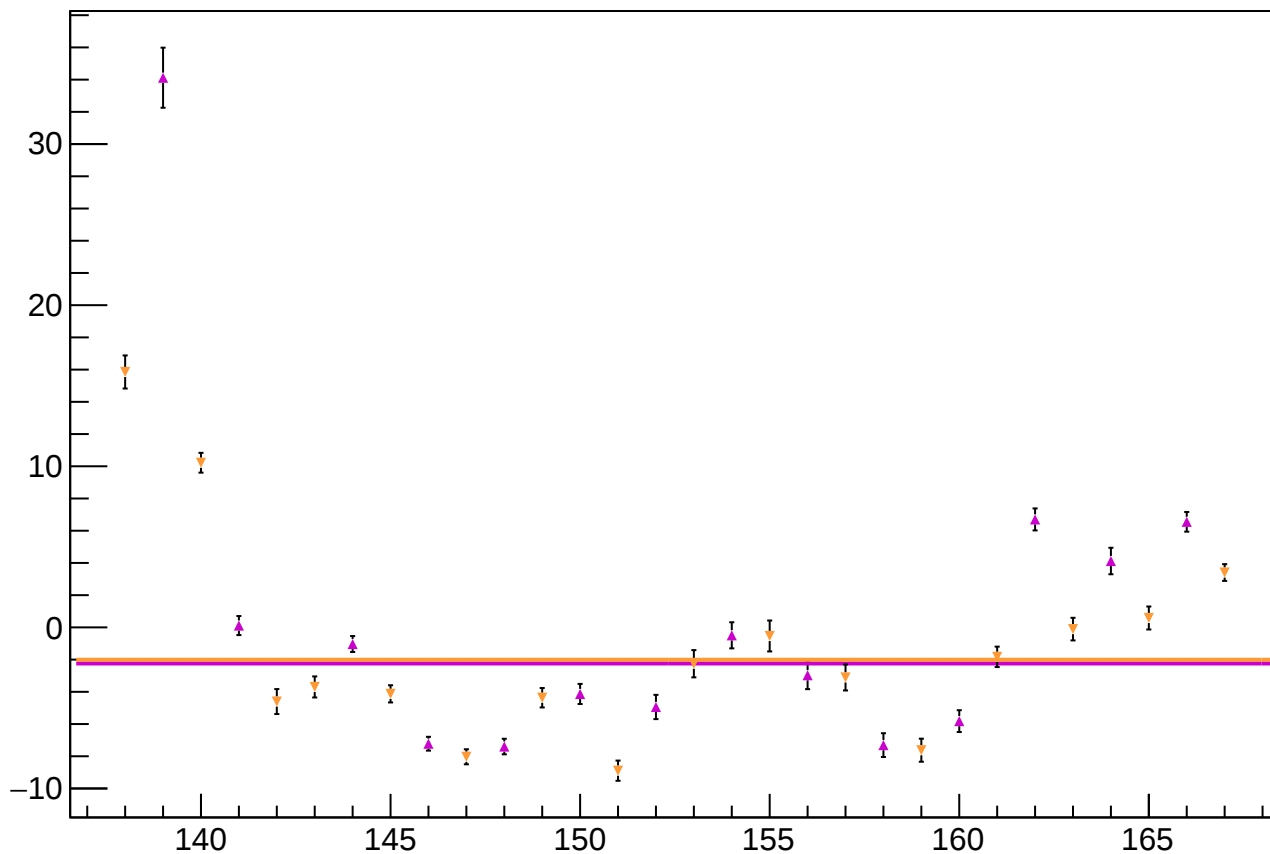
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -18.924 ± 0.228 $\chi^2/\text{NDF}: 2456.6/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -18.030 ± 0.239 $\chi^2/\text{NDF}: 2722.7/13$

Left: -18.498 ± 0.165 $\chi^2/\text{NDF}: 5186.6/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -18.030 ± 0.239 $\chi^2/\text{NDF}: 2722.7/13$
 Out: -18.924 ± 0.228 $\chi^2/\text{NDF}: 2456.6/15$
 All: -18.498 ± 0.165 $\chi^2/\text{NDF}: 5186.6/29$

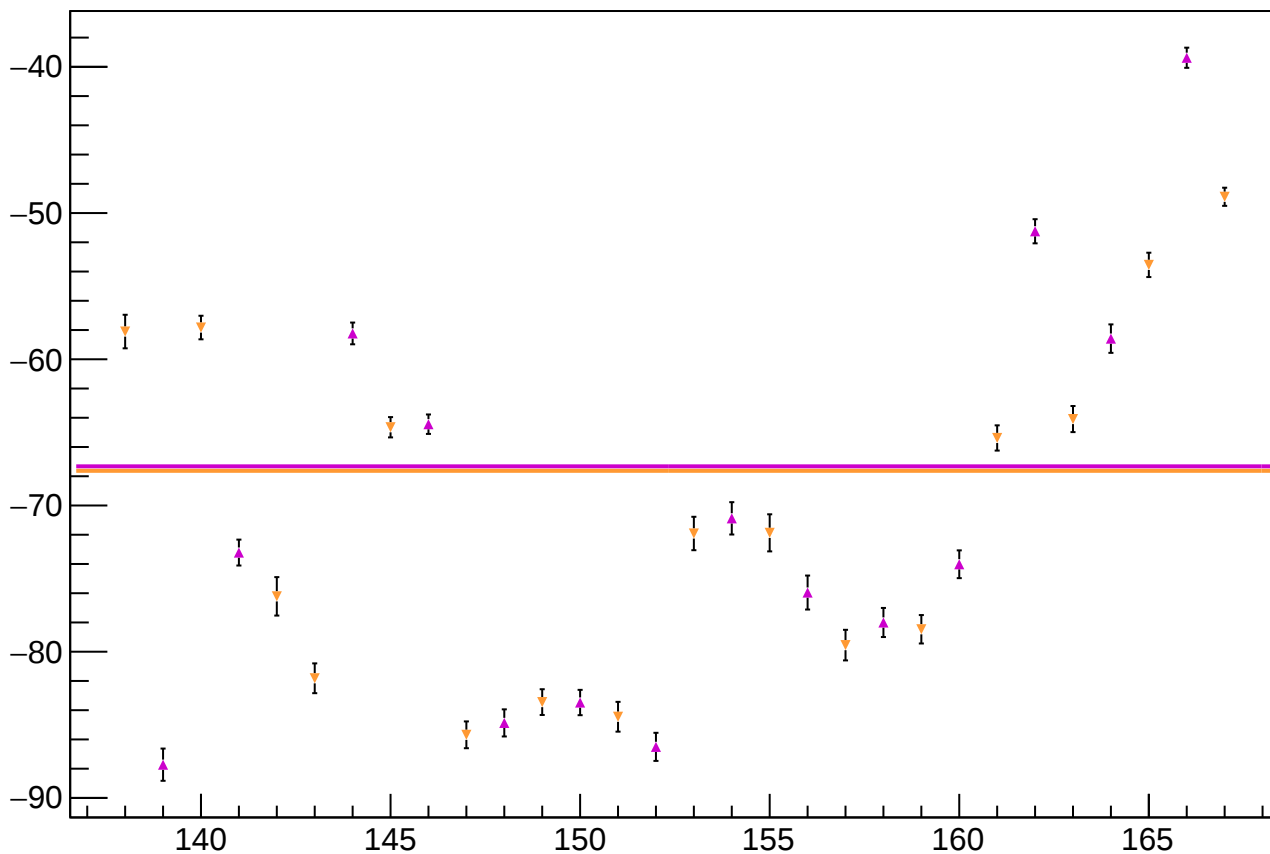
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.009+/-0.164 χ^2/NDF :1229.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.241+/-0.170 χ^2/NDF :1191.0/13

Left: -2.121+/-0.118 χ^2/NDF : 2421.4/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.241+/-0.170 χ^2/NDF :1191.0/13
 Out: -2.009+/-0.164 χ^2/NDF :1229.4/15
 All: -2.121+/-0.118 χ^2/NDF : 2421.4/29

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



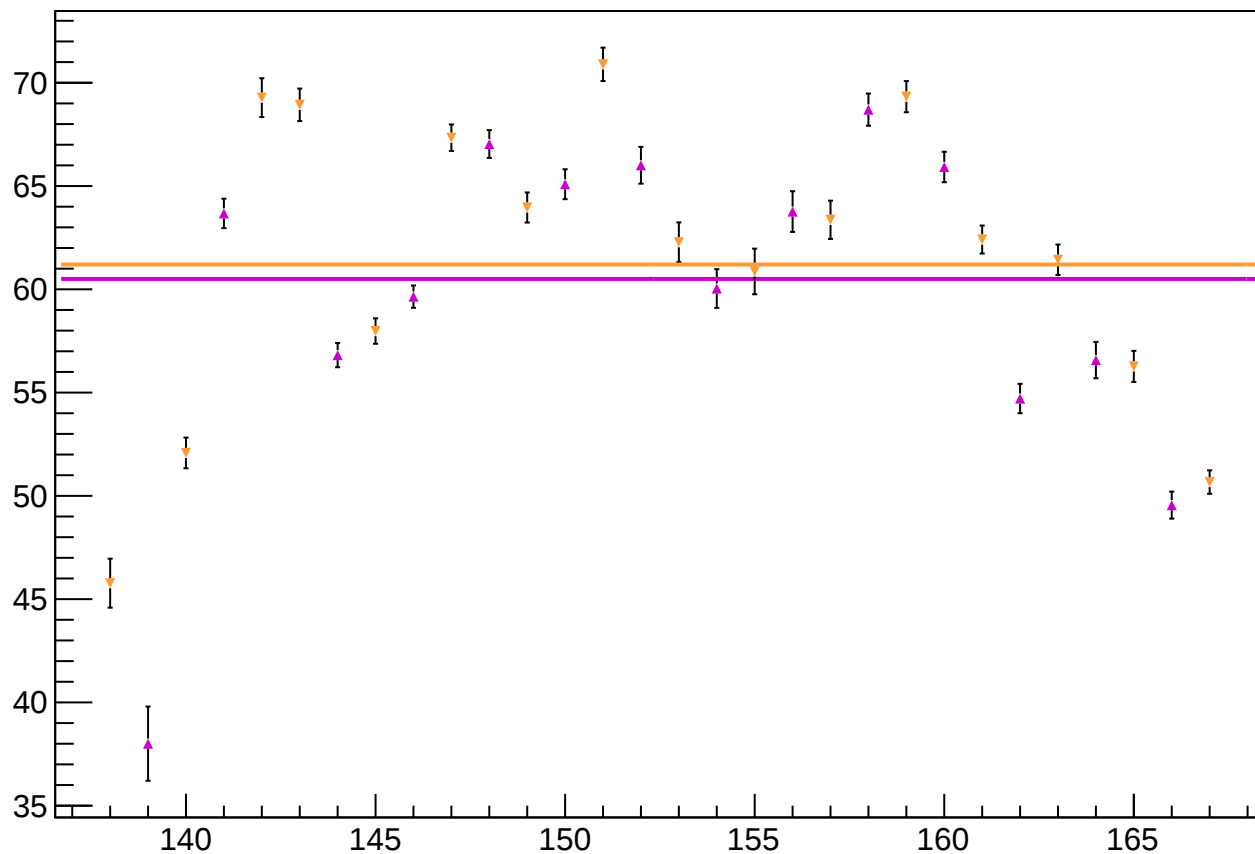
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -67.628+/-0.227 χ^2/NDF :2955.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -67.323+/-0.235 χ^2/NDF :3992.3/13

Left: -67.481+/-0.163 χ^2/NDF : 6949.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.323+/-0.235 χ^2/NDF :3992.3/13
 Out: -67.628+/-0.227 χ^2/NDF :2955.9/15

All: -67.481+/-0.163 χ^2/NDF : 6949.0/29

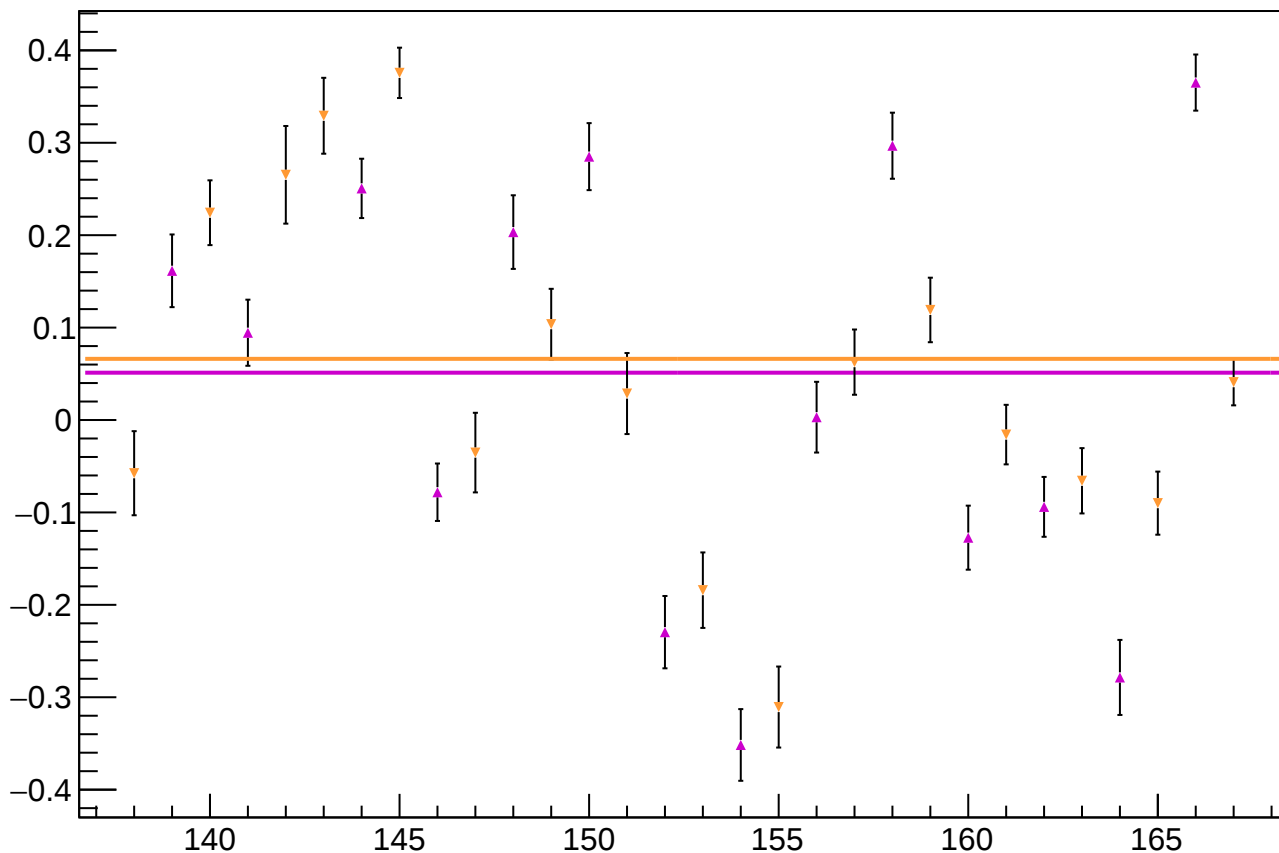
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.200+/-0.191 χ^2/NDF :1279.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.503+/-0.199 χ^2/NDF :932.2/13

Left: 60.866+/-0.138 χ^2/NDF : 2218.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.199 χ^2/NDF :932.2/13
 Out: 61.200+/-0.191 χ^2/NDF :1279.7/15
 All: 60.866+/-0.138 χ^2/NDF : 2218.3/29

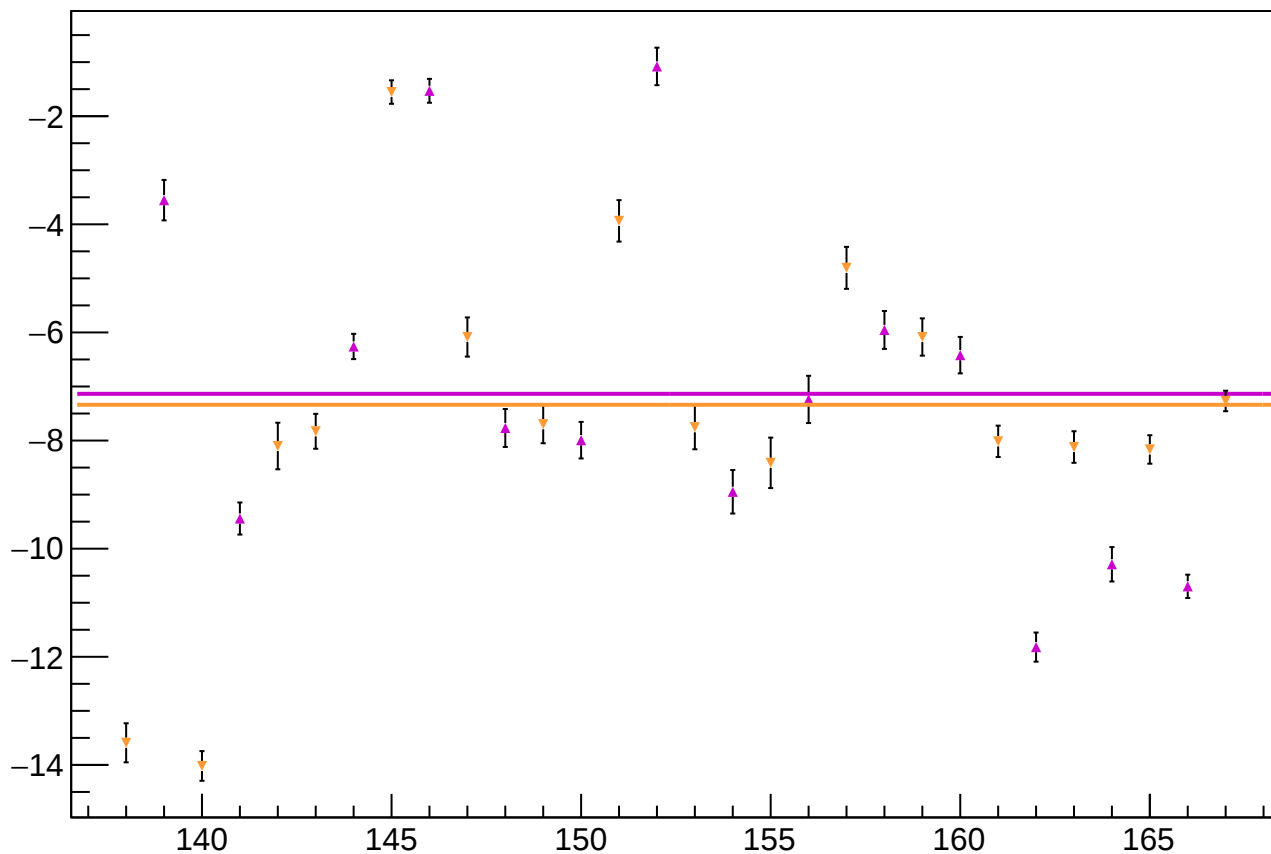
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.066 $\pm$ 0.009 χ^2 /NDF:375.3/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13

Left: 0.059 $\pm$ 0.007 χ^2 /NDF: 925.6/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13
 Out: 0.066 $\pm$ 0.009 χ^2 /NDF:375.3/15
 All: 0.059 $\pm$ 0.007 χ^2 /NDF: 925.6/29

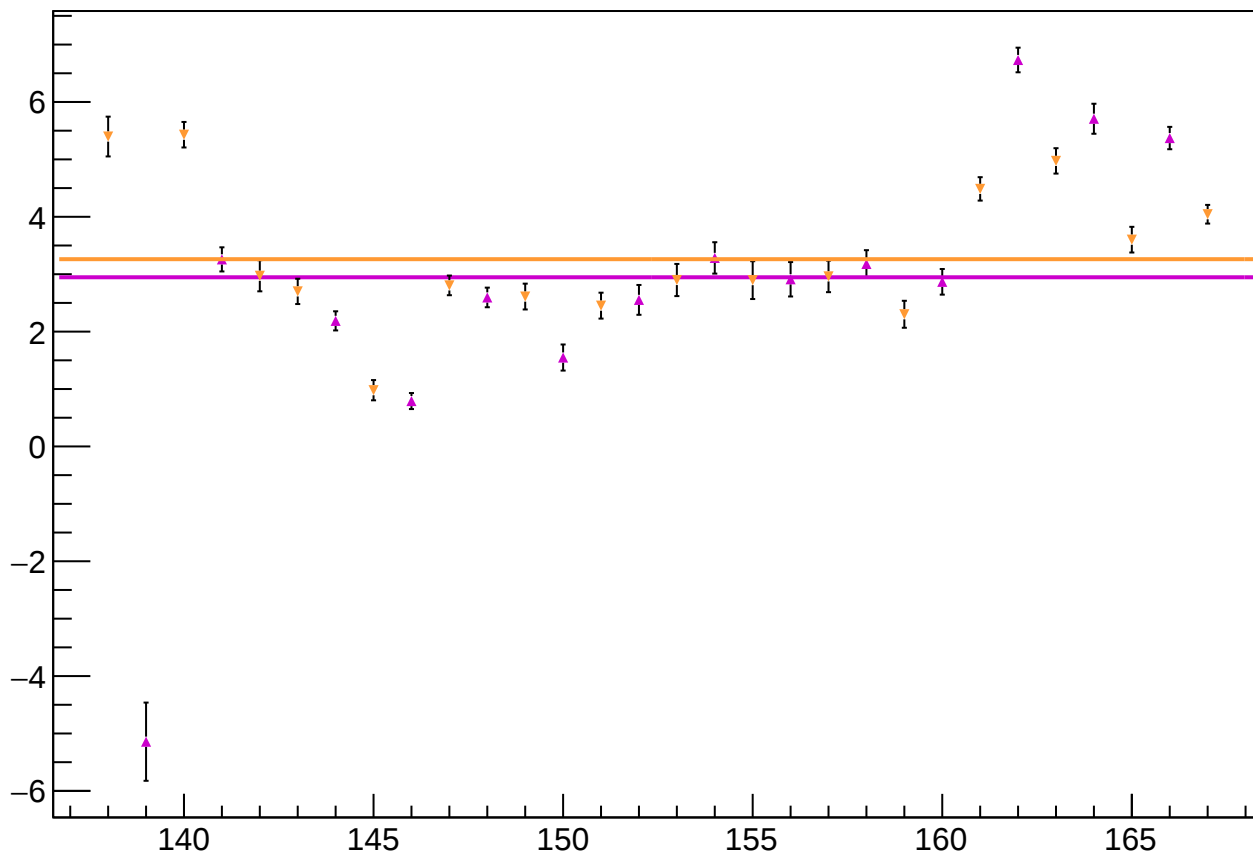
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.338+/-0.076 χ^2/NDF :1783.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.136+/-0.080 χ^2/NDF :1833.2/13

Left: -7.241+/-0.055 χ^2/NDF : 3619.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.136+/-0.080 χ^2/NDF :1833.2/13
 Out: -7.338+/-0.076 χ^2/NDF :1783.2/15
 All: -7.241+/-0.055 χ^2/NDF : 3619.8/29

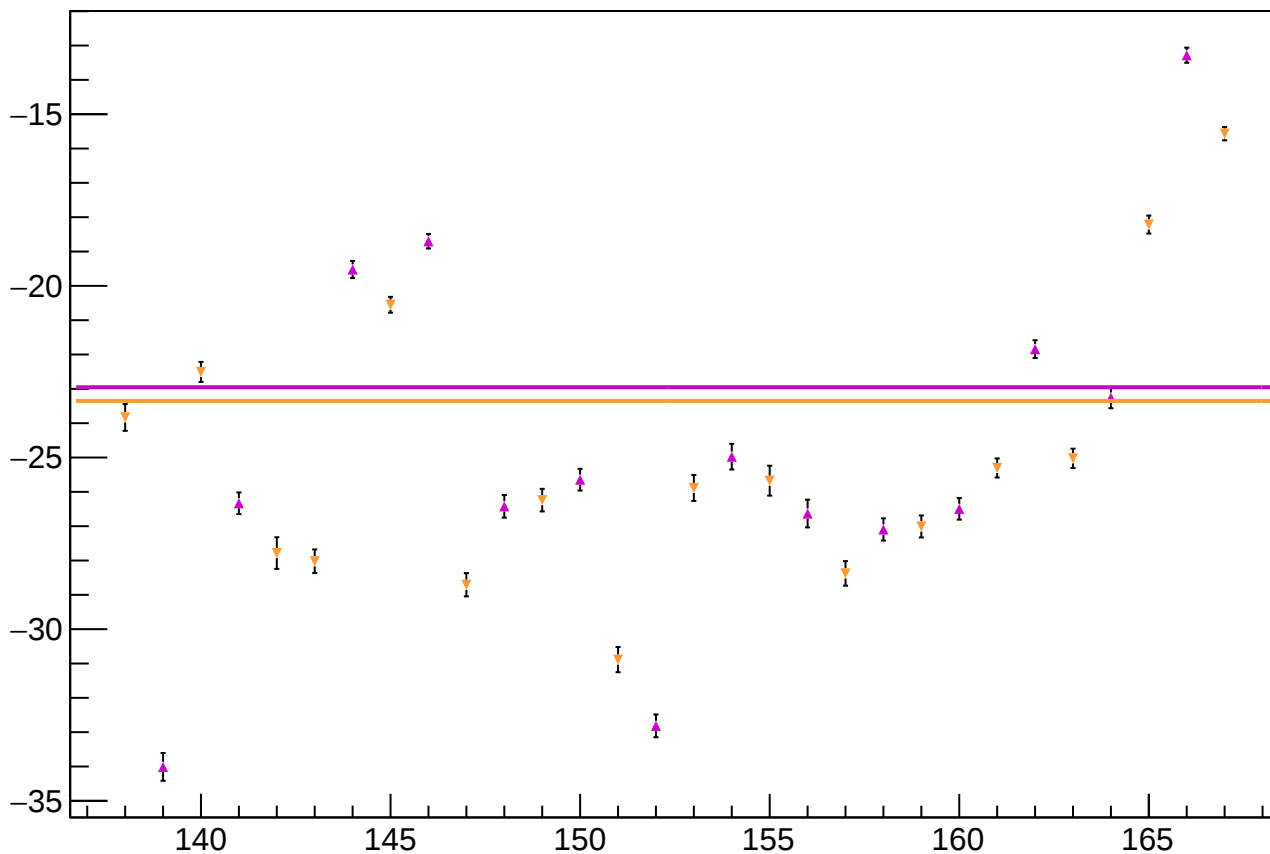
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.262 $\pm$ 0.056 χ^2 /NDF:478.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.947 $\pm$ 0.057 χ^2 /NDF:1027.6/13

Left: 3.109 $\pm$ 0.040 χ^2 /NDF: 1522.1/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.947 $\pm$ 0.057 χ^2 /NDF:1027.6/13
 Out: 3.262 $\pm$ 0.056 χ^2 /NDF:478.9/15
 All: 3.109 $\pm$ 0.040 χ^2 /NDF: 1522.1/29

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: -23.351+/-0.076 χ^2/NDF :3659.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.952+/-0.079 χ^2/NDF :4874.7/13

Left: -23.158+/-0.055 χ^2/NDF : 8547.8/29

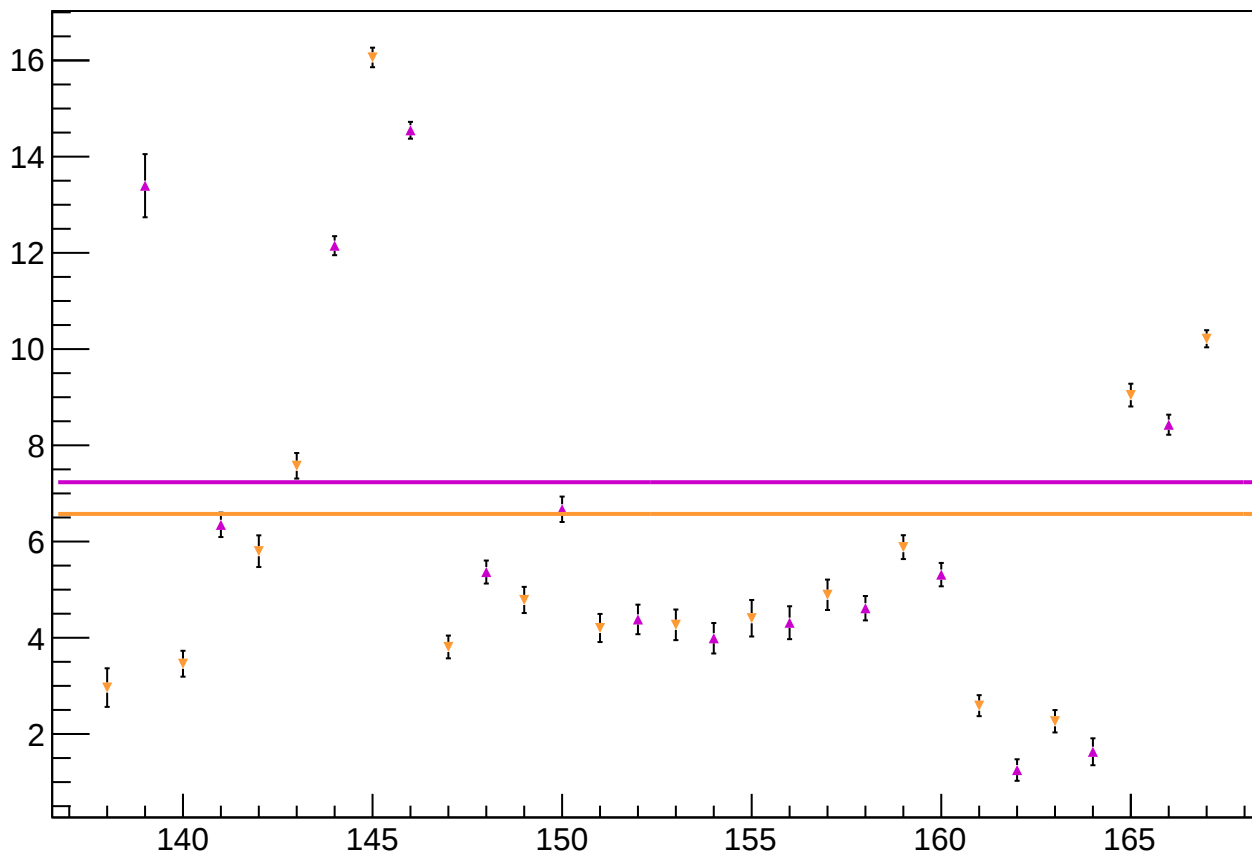
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.952+/-0.079 χ^2/NDF :4874.7/13

Out: -23.351+/-0.076 χ^2/NDF :3659.8/15

All: -23.158+/-0.055 χ^2/NDF : 8547.8/29

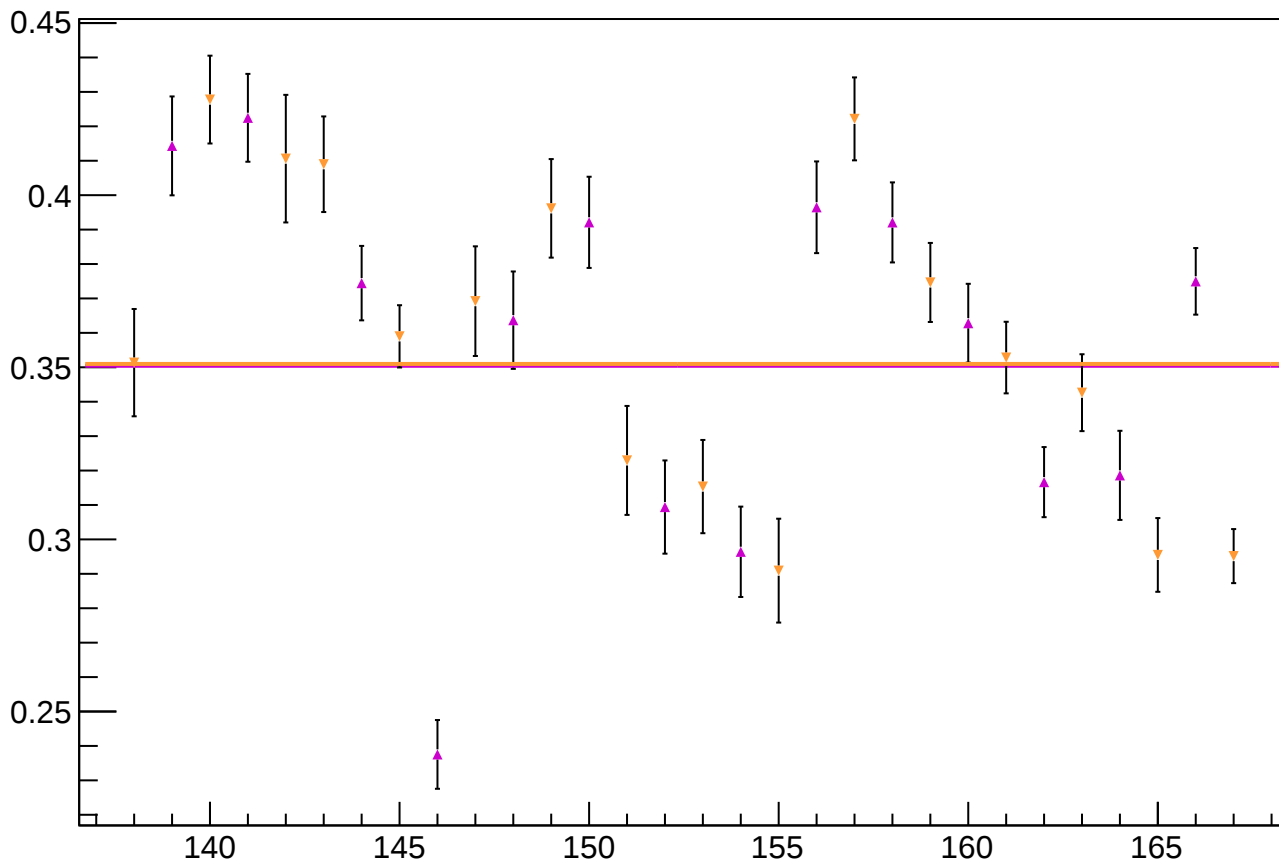
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.574+/-0.064 χ^2/NDF :3986.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.233+/-0.067 χ^2/NDF :4117.7/13

Left: 6.891+/-0.046 χ^2/NDF : 8155.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.233+/-0.067 χ^2/NDF :4117.7/13
 Out: 6.574+/-0.064 χ^2/NDF :3986.5/15
 All: 6.891+/-0.046 χ^2/NDF : 8155.0/29

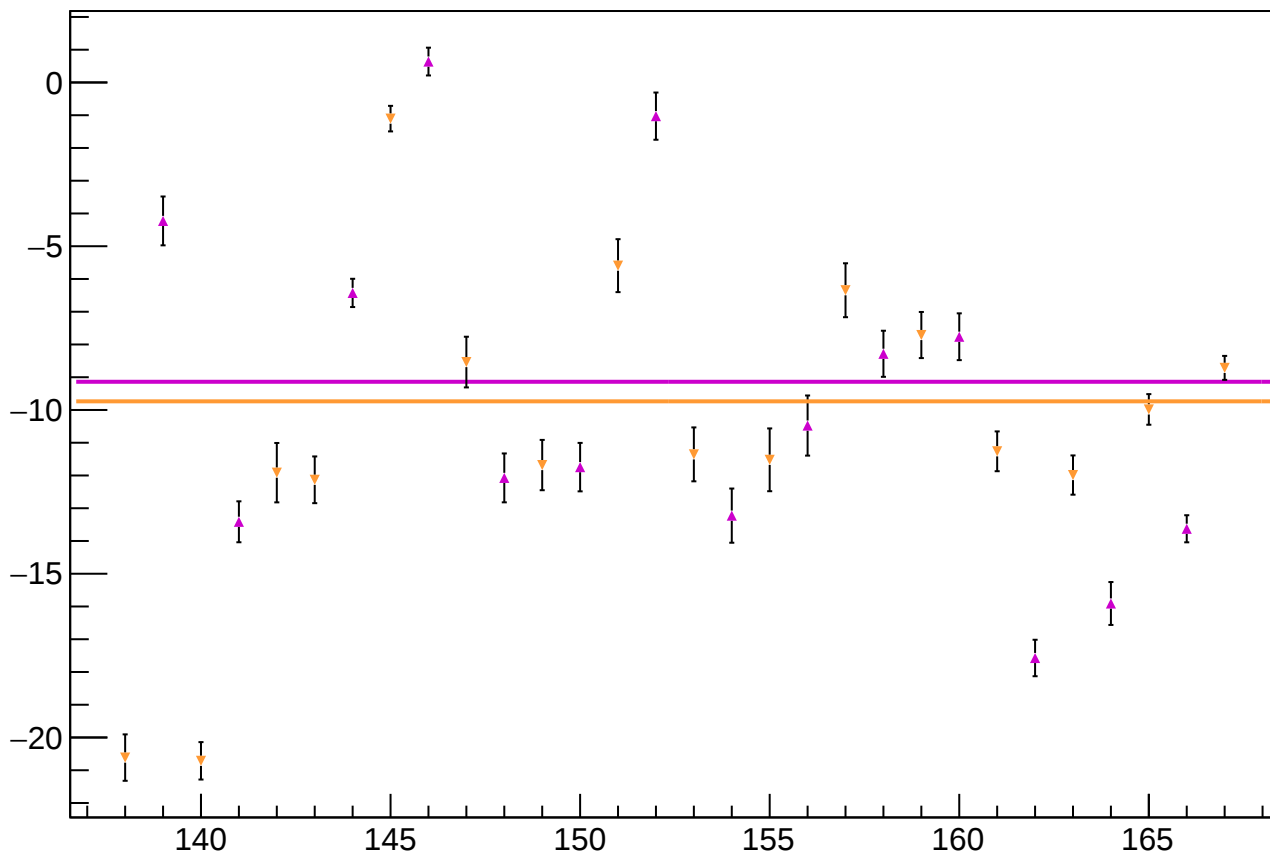
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.351 $\pm$ 0.003 χ^2 /NDF:219.2/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13

Left: 0.351 $\pm$ 0.002 χ^2 /NDF: 489.9/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13
 Out: 0.351 $\pm$ 0.003 χ^2 /NDF:219.2/15
 All: 0.351 $\pm$ 0.002 χ^2 /NDF: 489.9/29

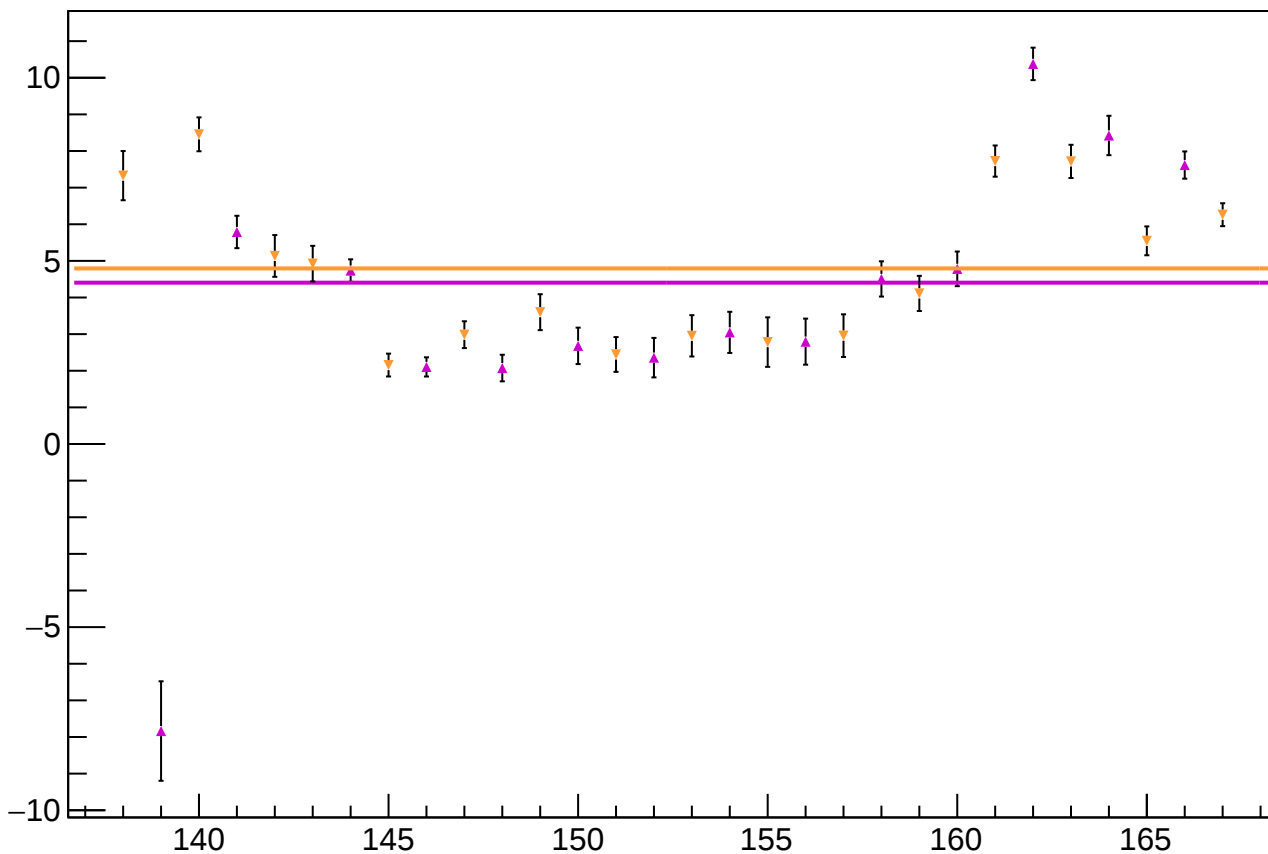
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.736 ± 0.152 $\chi^2/\text{NDF}: 1207.5/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -9.139 ± 0.160 $\chi^2/\text{NDF}: 1301.2/13$

Left: -9.454 ± 0.110 $\chi^2/\text{NDF}: 2516.0/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -9.139 ± 0.160 $\chi^2/\text{NDF}: 1301.2/13$
 Out: -9.736 ± 0.152 $\chi^2/\text{NDF}: 1207.5/15$
 All: -9.454 ± 0.110 $\chi^2/\text{NDF}: 2516.0/29$

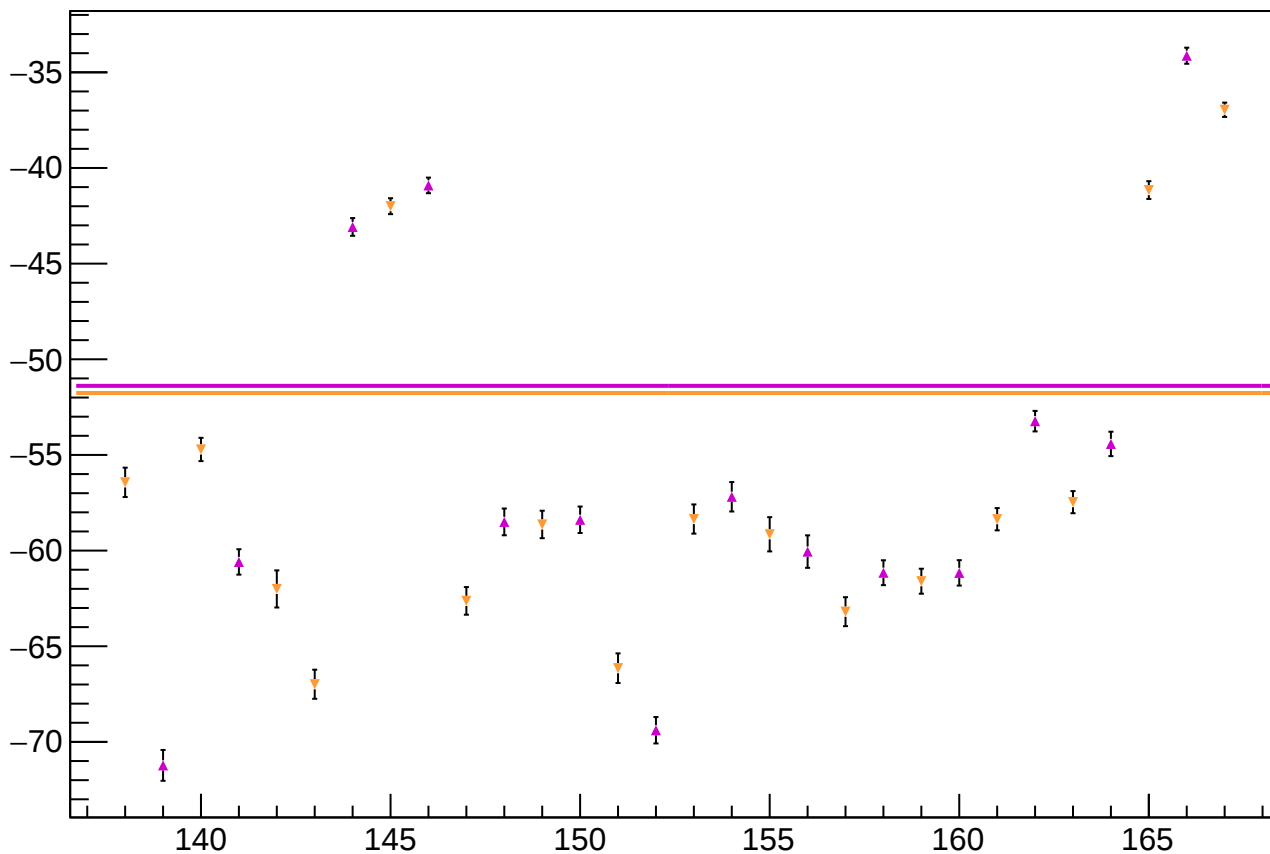
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.794 $\pm$ 0.112 χ^2 /NDF:349.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13

Left: 4.605 $\pm$ 0.080 χ^2 /NDF: 917.7/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13
 Out: 4.794 $\pm$ 0.112 χ^2 /NDF:349.6/15
 All: 4.605 $\pm$ 0.080 χ^2 /NDF: 917.7/29

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



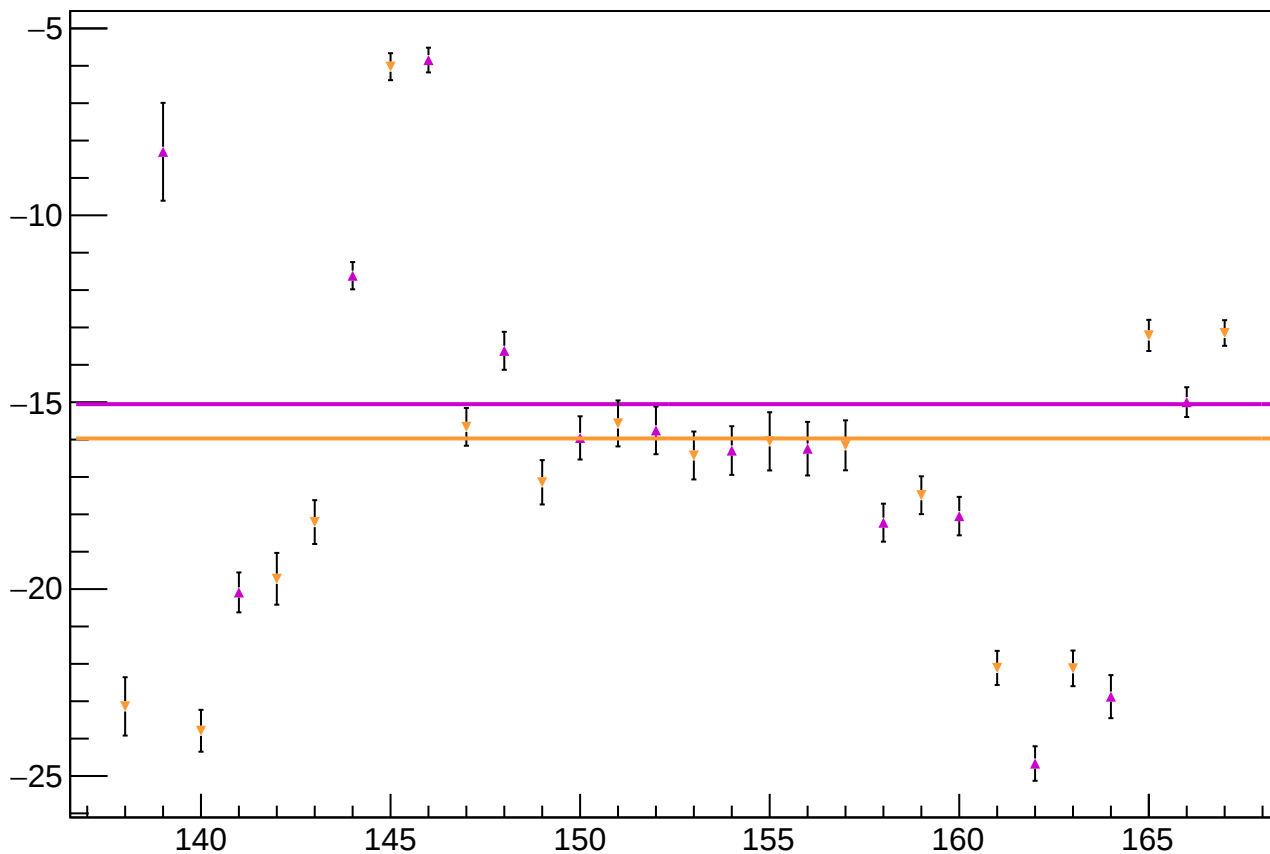
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -51.762+/-0.152 χ^2/NDF : 4695.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -51.388+/-0.158 χ^2/NDF : 4988.6/13

Left: -51.582+/-0.110 χ^2/NDF : 9687.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.388+/-0.158 χ^2/NDF : 4988.6/13
 Out: -51.762+/-0.152 χ^2/NDF : 4695.5/15

All: -51.582+/-0.110 χ^2/NDF : 9687.1/29

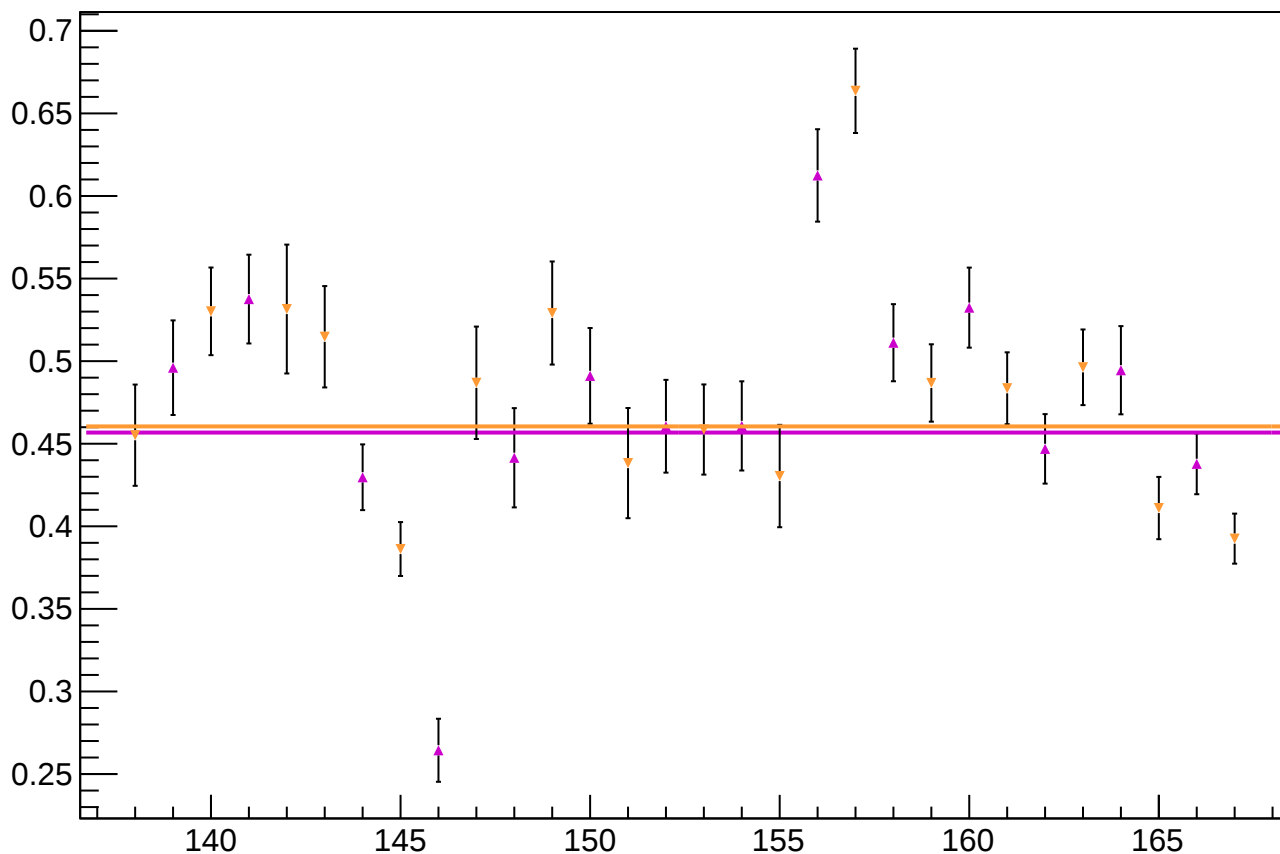
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.970+/-0.128 χ^2/NDF :1556.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.052+/-0.134 χ^2/NDF :1686.2/13

Left: -15.529+/-0.093 χ^2/NDF : 3267.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.052+/-0.134 χ^2/NDF :1686.2/13
 Out: -15.970+/-0.128 χ^2/NDF :1556.4/15
 All: -15.529+/-0.093 χ^2/NDF : 3267.1/29

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: 0.460 $\pm$ 0.006 χ^2 /NDF:136.1/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13

Left: 0.459 $\pm$ 0.004 χ^2 /NDF: 301.7/29

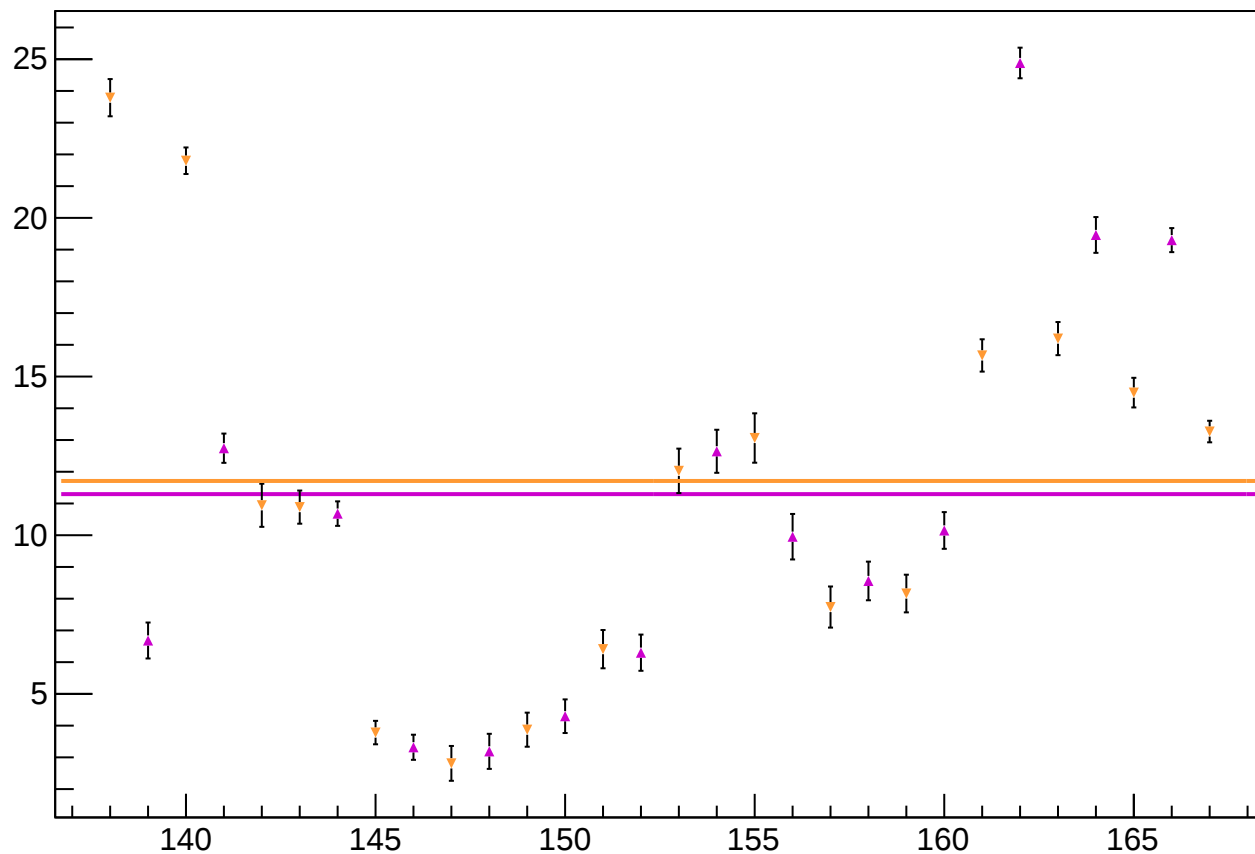
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13

Out: 0.460 $\pm$ 0.006 χ^2 /NDF:136.1/15

All: 0.459 $\pm$ 0.004 χ^2 /NDF: 301.7/29

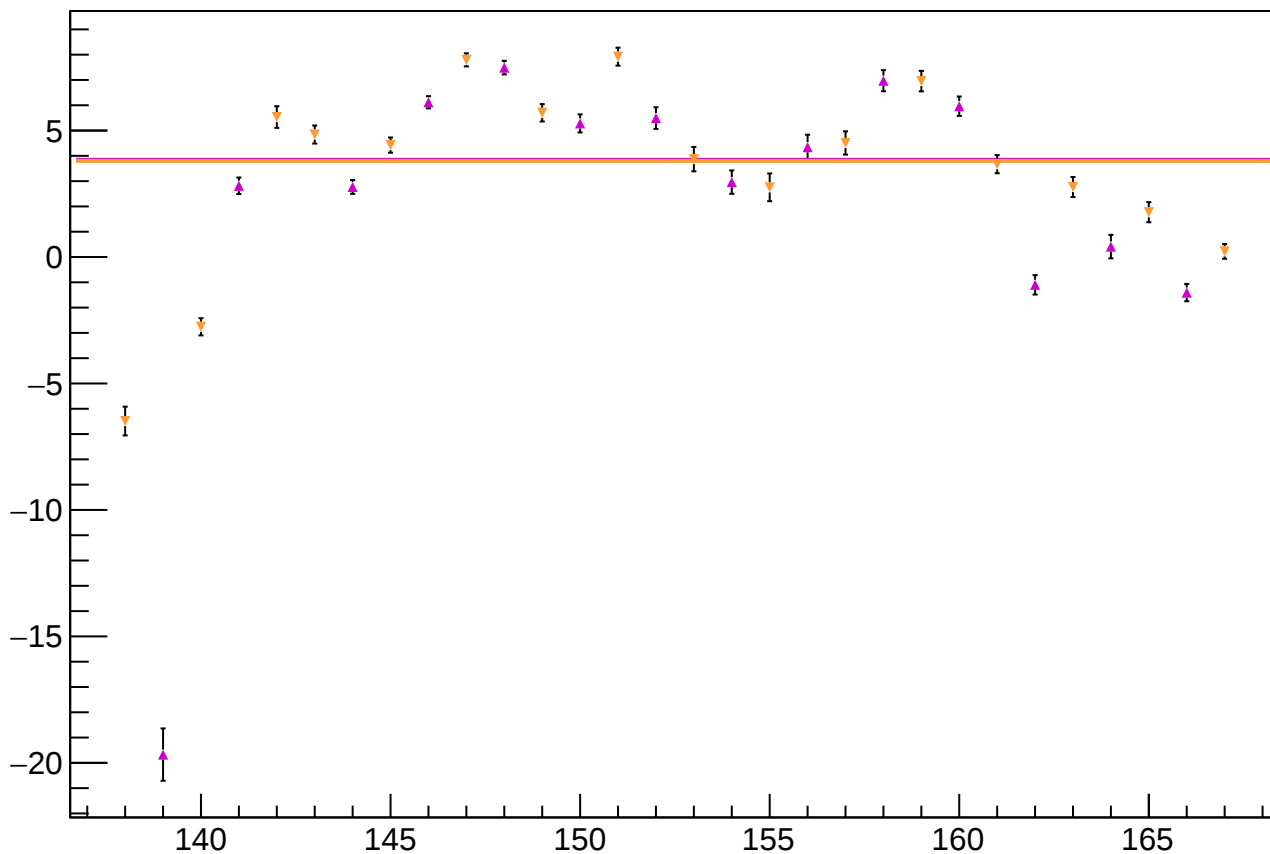
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 11.710+/-0.128 χ^2/NDF :2290.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.295+/-0.135 χ^2/NDF :2433.3/13

Left: 11.513+/-0.093 χ^2/NDF : 4728.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.295+/-0.135 χ^2/NDF :2433.3/13
 Out: 11.710+/-0.128 χ^2/NDF :2290.5/15
 All: 11.513+/-0.093 χ^2/NDF : 4728.8/29

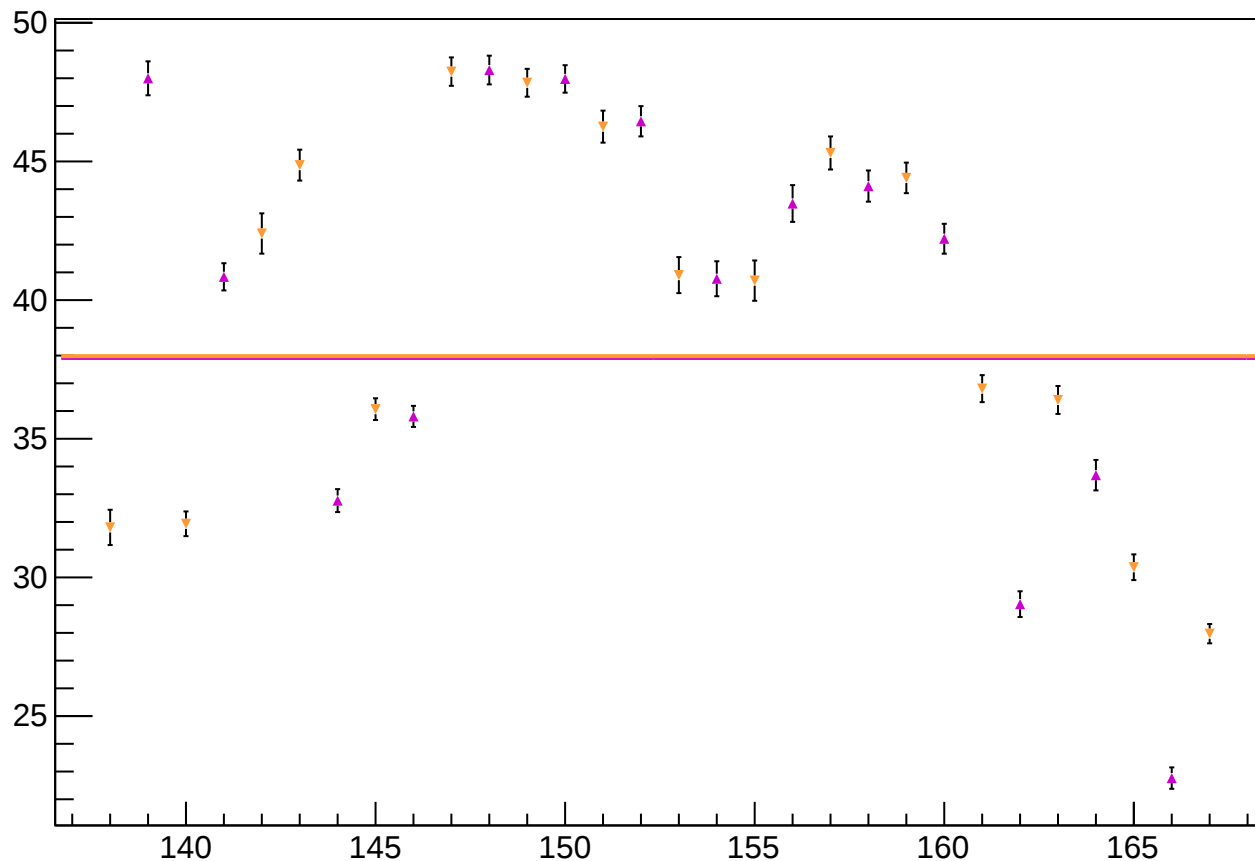
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.802+/-0.092 χ^2/NDF :1379.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.842+/-0.096 χ^2/NDF :1390.5/13

Left: 3.822+/-0.066 χ^2/NDF : 2770.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.842+/-0.096 χ^2/NDF :1390.5/13
 Out: 3.802+/-0.092 χ^2/NDF :1379.5/15
 All: 3.822+/-0.066 χ^2/NDF : 2770.0/29

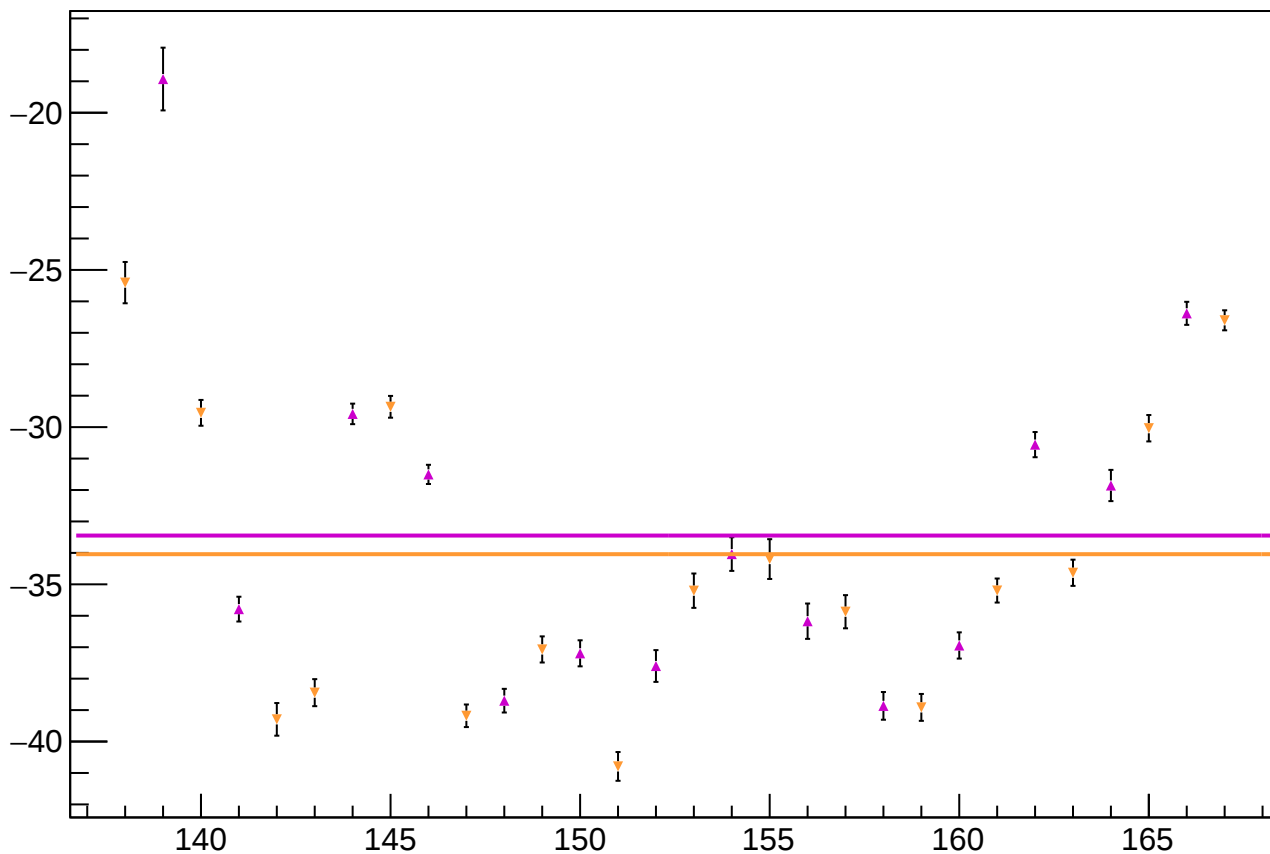
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 37.979+/-0.128 χ^2/NDF :2919.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.915+/-0.133 χ^2/NDF :3793.9/13

Left: 37.948+/-0.092 χ^2/NDF : 6713.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.915+/-0.133 χ^2/NDF :3793.9/13
 Out: 37.979+/-0.128 χ^2/NDF :2919.0/15
 All: 37.948+/-0.092 χ^2/NDF : 6713.0/29

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



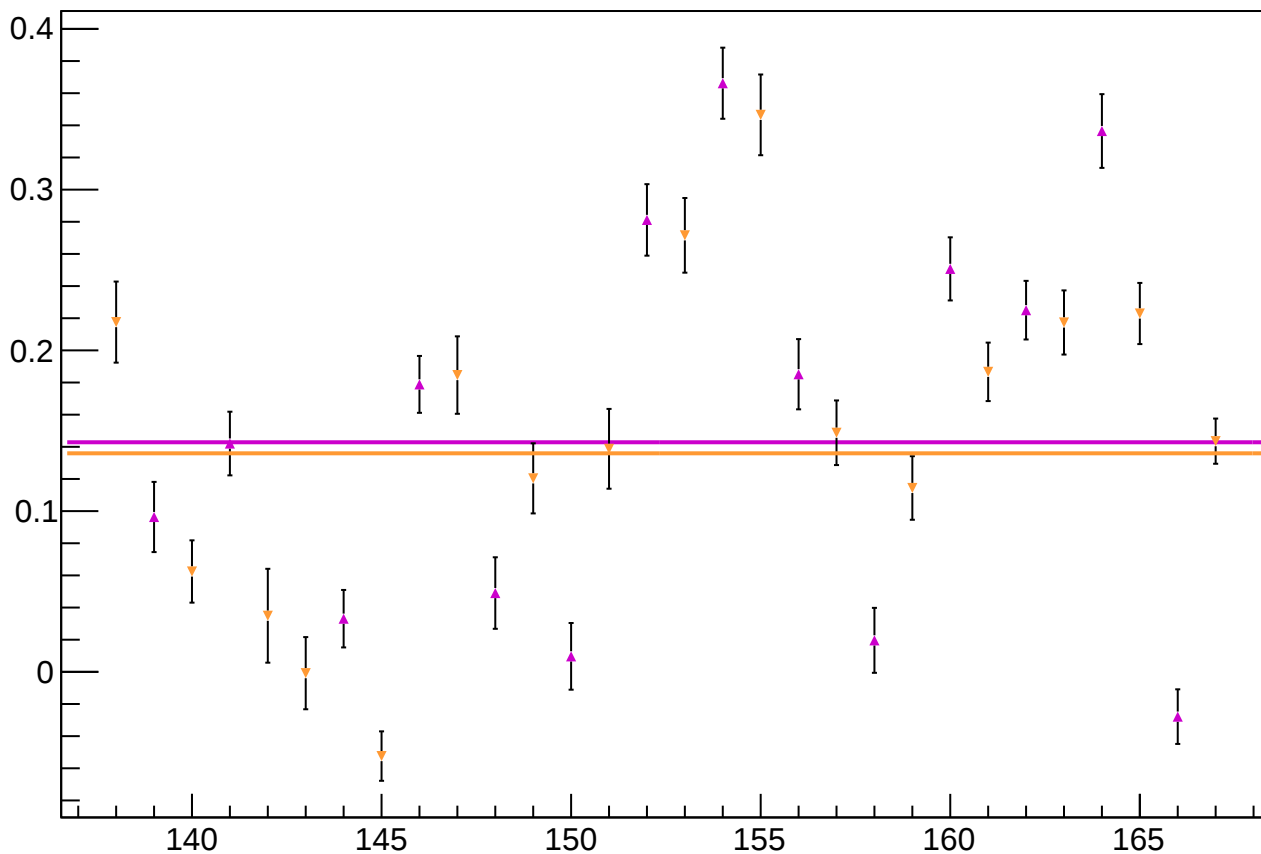
Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.041 +/- 0.107 χ^2/NDF : 1952.7/15
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -33.449 +/- 0.112 χ^2/NDF : 1452.3/13

Left: -33.758 +/- 0.077 χ^2/NDF : 3419.6/29
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -33.449 +/- 0.112 χ^2/NDF : 1452.3/13
 Out: -34.041 +/- 0.107 χ^2/NDF : 1952.7/15

All: -33.758 +/- 0.077 χ^2/NDF : 3419.6/29

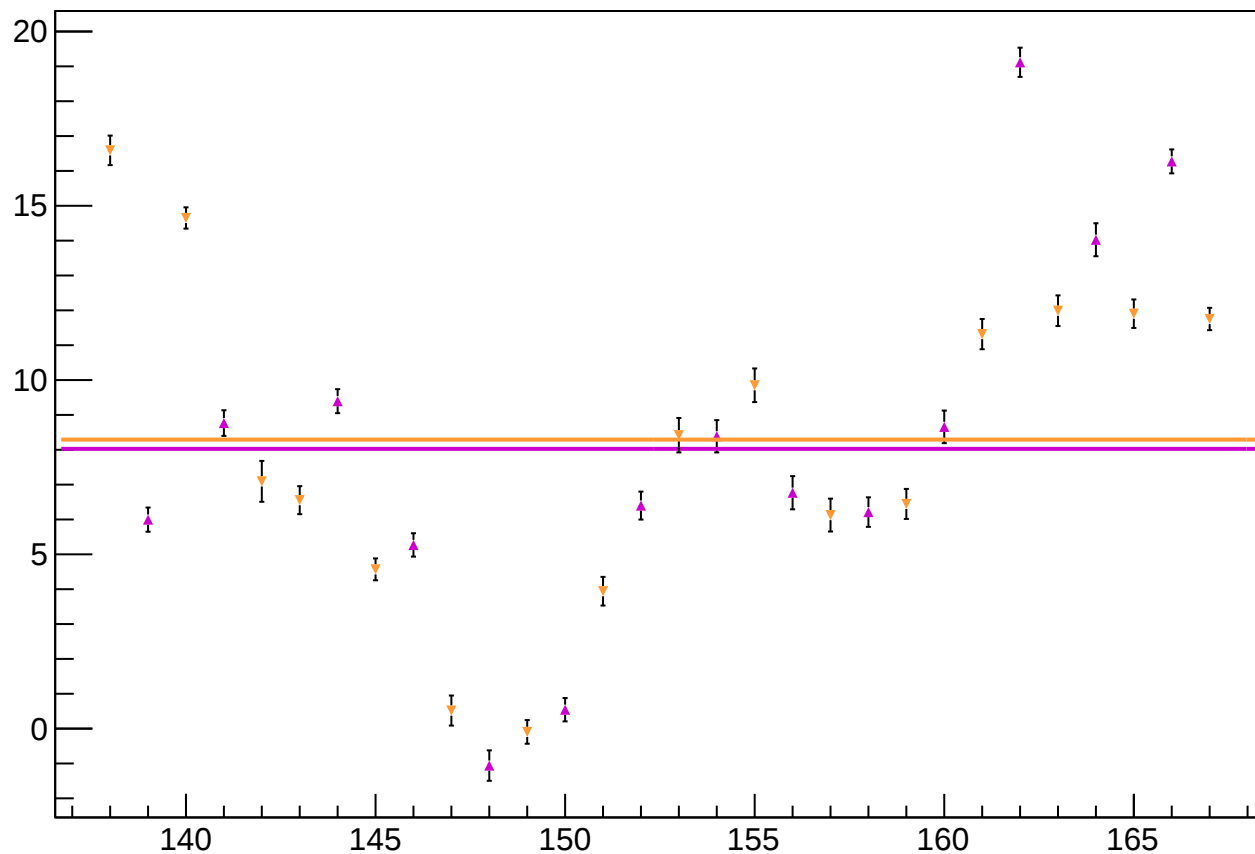
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.136 $\pm$ 0.005 χ^2 /NDF:380.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13

Left: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.6/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13
 Out: 0.136 $\pm$ 0.005 χ^2 /NDF:380.1/15
 All: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.6/29

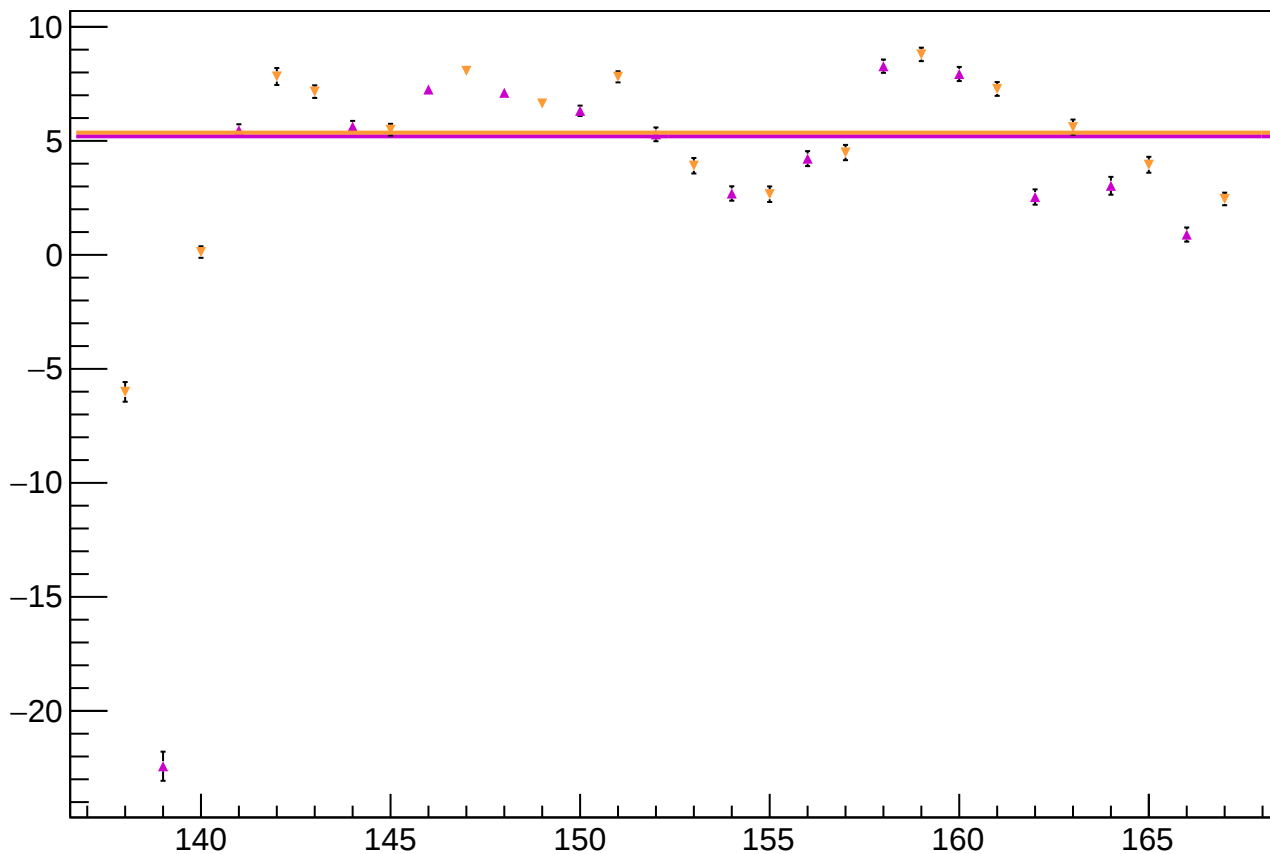
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.292+/-0.100 χ^2/NDF :2393.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.027+/-0.105 χ^2/NDF :2535.1/13

Left: 8.166+/-0.072 χ^2/NDF : 4932.2/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.027+/-0.105 χ^2/NDF :2535.1/13
 Out: 8.292+/-0.100 χ^2/NDF :2393.8/15
 All: 8.166+/-0.072 χ^2/NDF : 4932.2/29

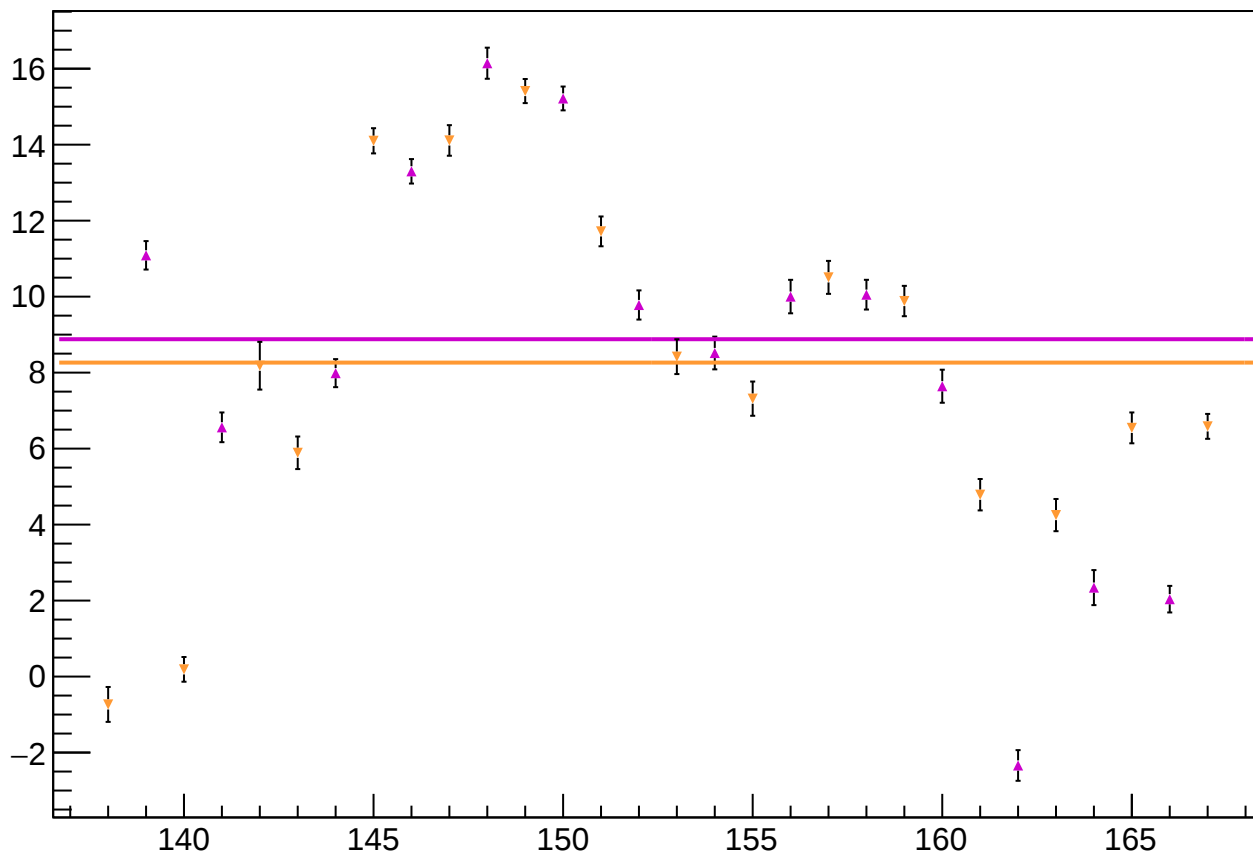
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.361 $\pm$ 0.071 χ^2 /NDF:1905.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13

Left: 5.285 $\pm$ 0.052 χ^2 /NDF: 4523.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13
 Out: 5.361 $\pm$ 0.071 χ^2 /NDF:1905.7/15
 All: 5.285 $\pm$ 0.052 χ^2 /NDF: 4523.0/29

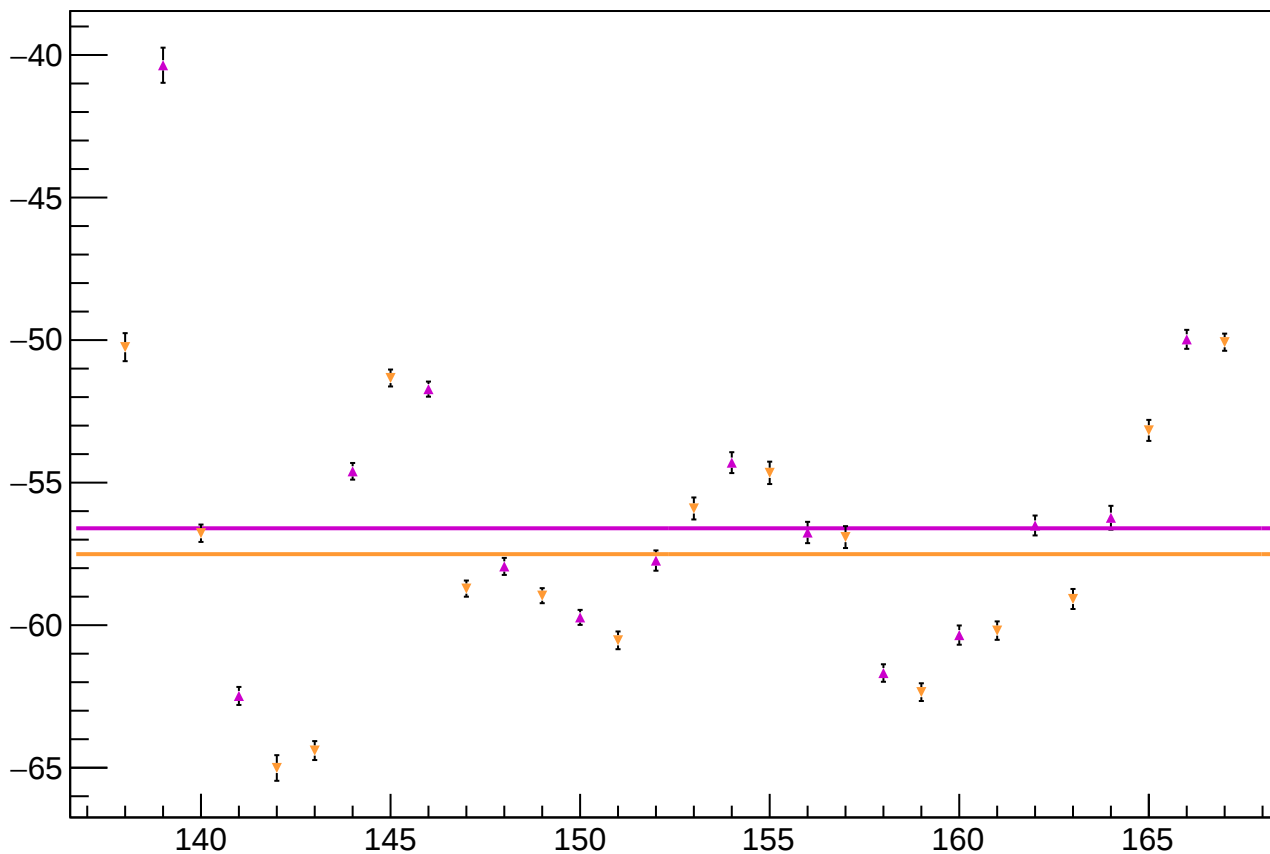
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.264 $\pm$ 0.099 χ^2/NDF :2388.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 8.879 $\pm$ 0.103 χ^2/NDF :2373.6/13

Left: 8.561 $\pm$ 0.071 χ^2/NDF : 4781.0/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 8.879 $\pm$ 0.103 χ^2/NDF :2373.6/13
 Out: 8.264 $\pm$ 0.099 χ^2/NDF :2388.8/15
 All: 8.561 $\pm$ 0.071 χ^2/NDF : 4781.0/29

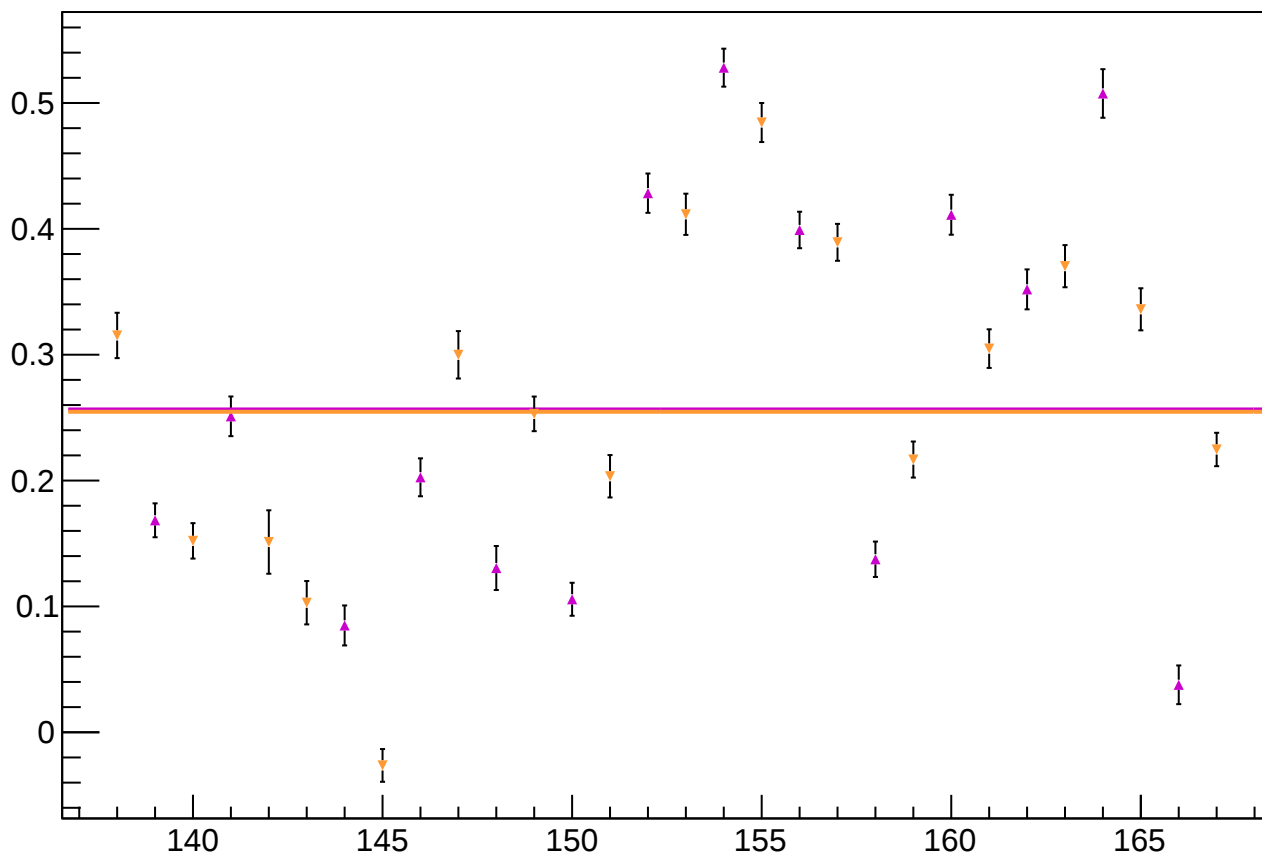
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.509+/-0.083 χ^2/NDF :2660.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.601+/-0.088 χ^2/NDF :2431.7/13

Left: -57.080+/-0.061 χ^2/NDF : 5148.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -56.601+/-0.088 χ^2/NDF :2431.7/13
 Out: -57.509+/-0.083 χ^2/NDF :2660.6/15
 All: -57.080+/-0.061 χ^2/NDF : 5148.3/29

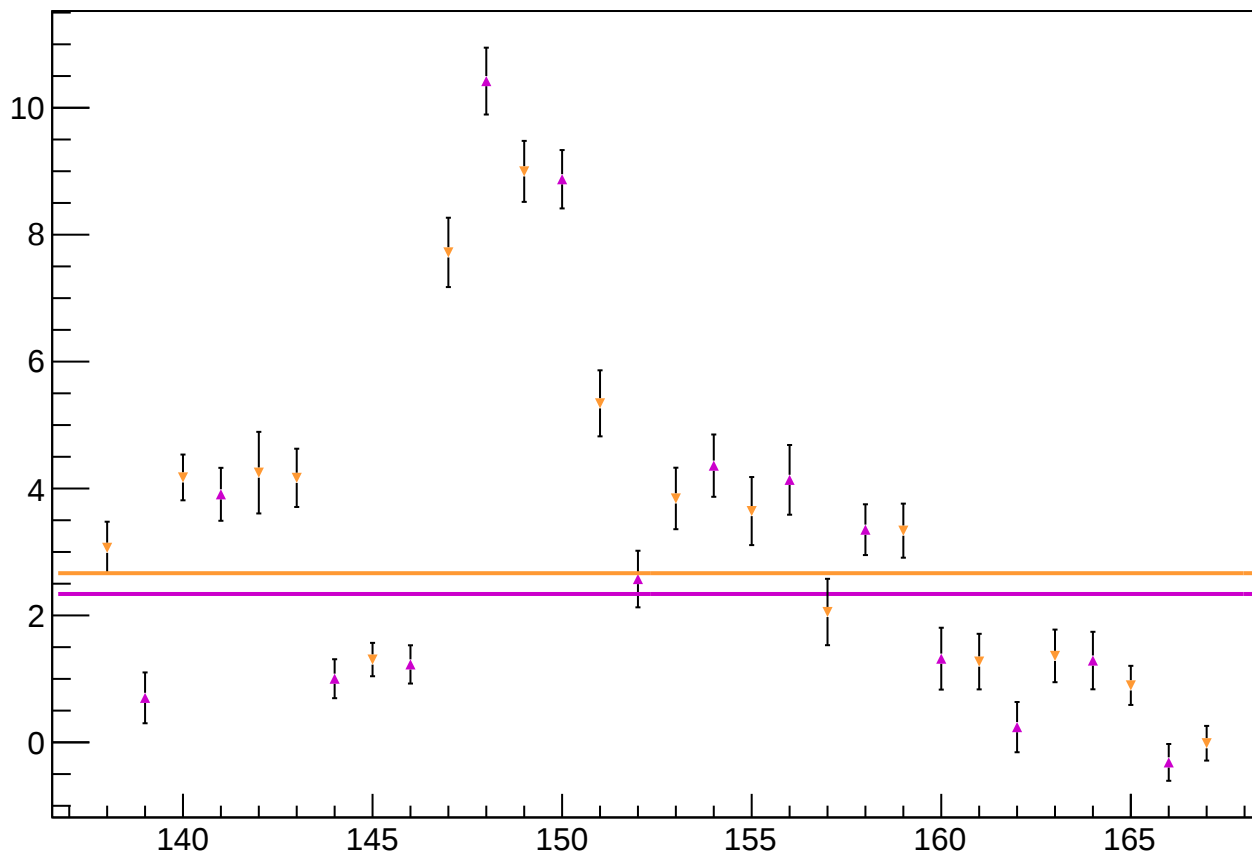
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.255+/-0.004 χ^2/NDF :1130.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.256+/-0.004 χ^2/NDF :1472.7/13

Left: 0.256+/-0.003 χ^2/NDF : 2602.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.256+/-0.004 χ^2/NDF :1472.7/13
 Out: 0.255+/-0.004 χ^2/NDF :1130.0/15
 All: 0.256+/-0.003 χ^2/NDF : 2602.8/29

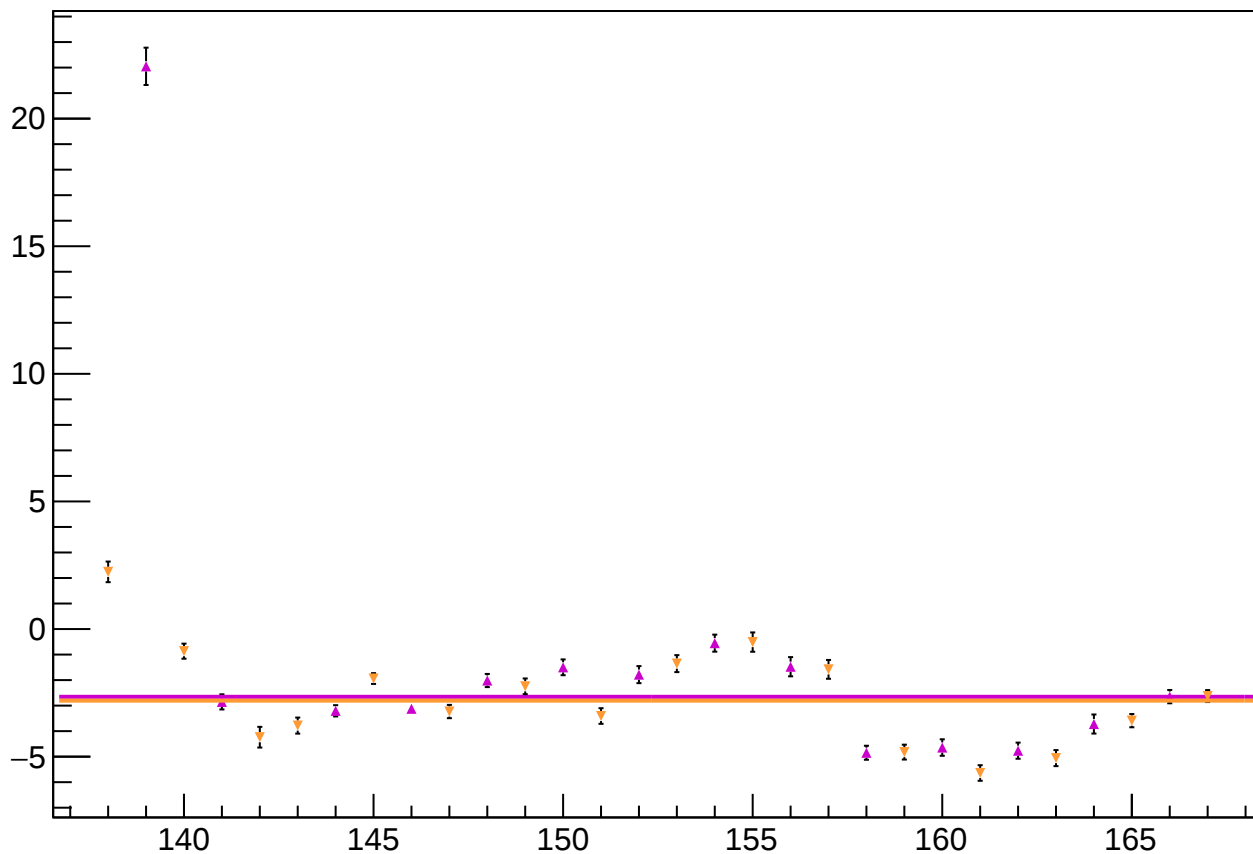
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.666+/-0.101 χ^2/NDF : 509.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.338+/-0.107 χ^2/NDF : 656.8/13

Left: 2.511+/-0.073 χ^2/NDF : 1171.6/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.338+/-0.107 χ^2/NDF : 656.8/13
 Out: 2.666+/-0.101 χ^2/NDF : 509.9/15
 All: 2.511+/-0.073 χ^2/NDF : 1171.6/29

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



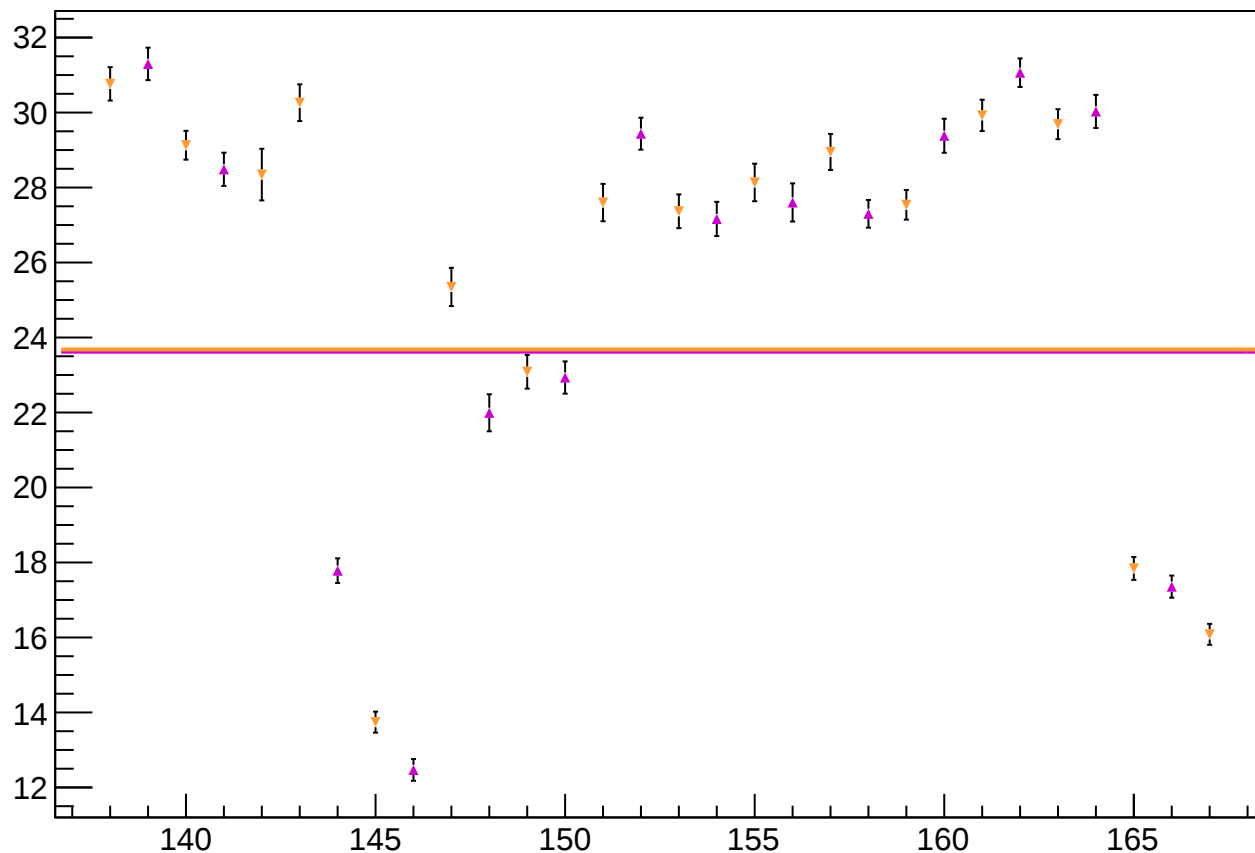
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.805+/-0.074 χ^2/NDF : 509.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.654+/-0.078 χ^2/NDF : 1385.0/13

Left: -2.733+/-0.054 χ^2/NDF : 1896.5/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.654+/-0.078 χ^2/NDF : 1385.0/13
 Out: -2.805+/-0.074 χ^2/NDF : 509.5/15

All: -2.733+/-0.054 χ^2/NDF : 1896.5/29

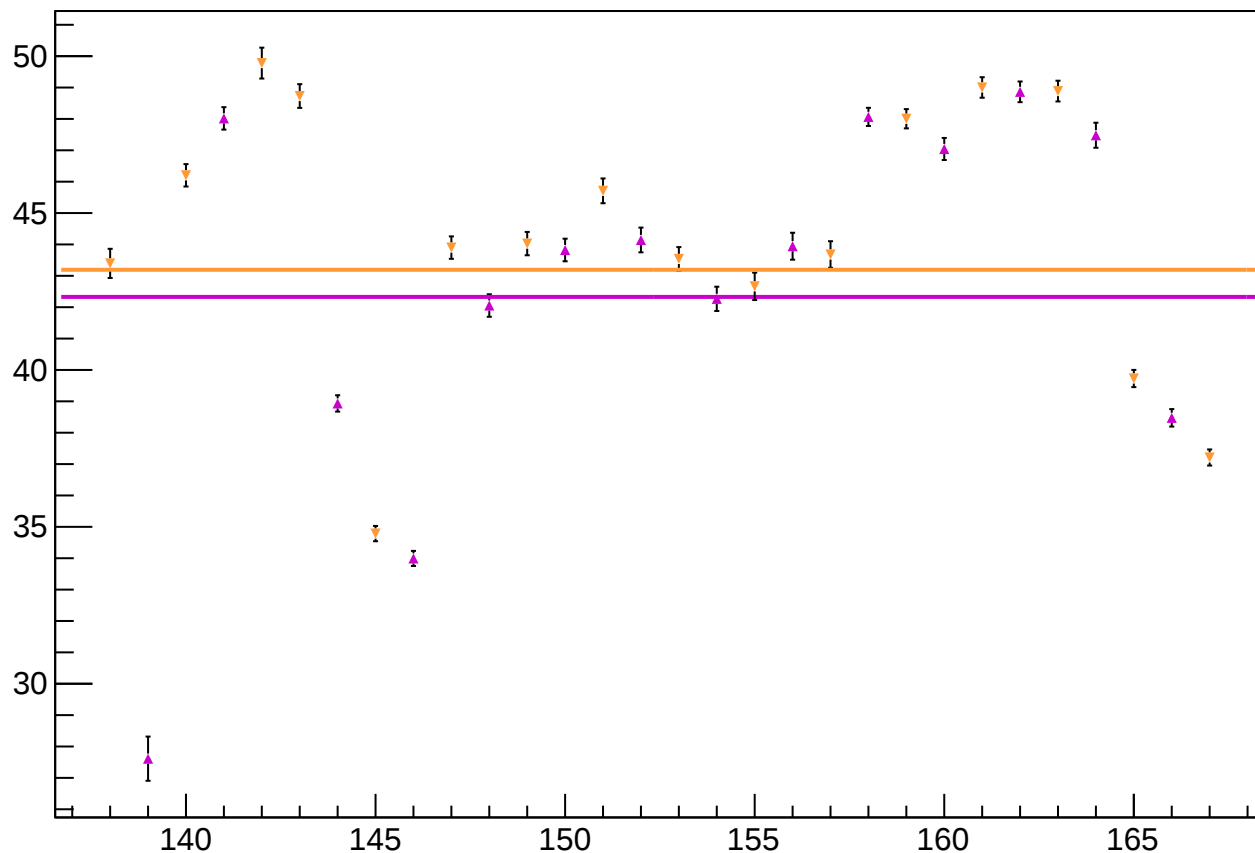
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.681+/-0.101 χ^2/NDF : 3924.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.623+/-0.105 χ^2/NDF : 3853.8/13

Left: 23.653+/-0.073 χ^2/NDF : 7778.2/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.623+/-0.105 χ^2/NDF : 3853.8/13
 Out: 23.681+/-0.101 χ^2/NDF : 3924.3/15
 All: 23.653+/-0.073 χ^2/NDF : 7778.2/29

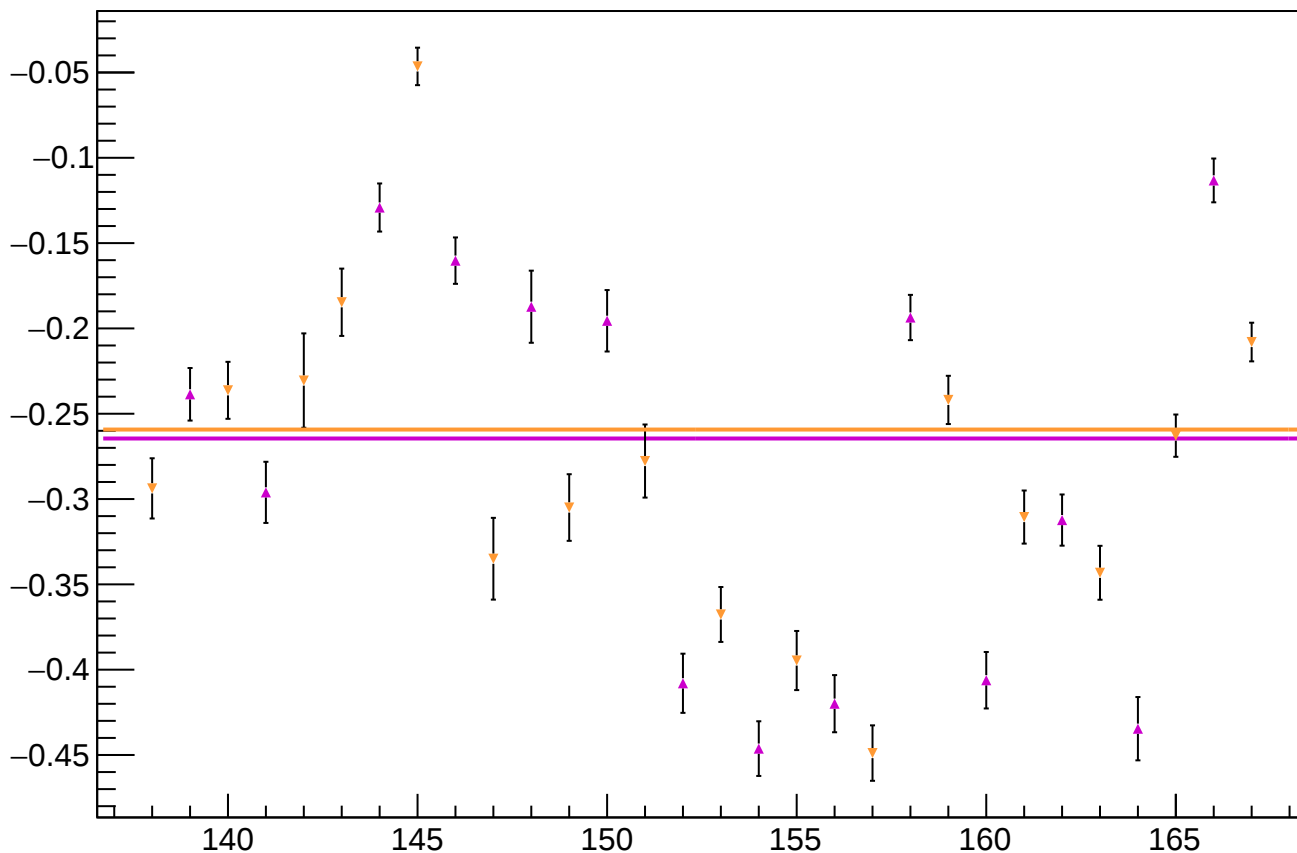
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 43.193 $\pm$ 0.085 χ^2 /NDF:3267.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 42.328 $\pm$ 0.090 χ^2 /NDF:3437.0/13

Left: 42.782 $\pm$ 0.062 χ^2 /NDF: 6753.5/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 42.328 $\pm$ 0.090 χ^2 /NDF:3437.0/13
 Out: 43.193 $\pm$ 0.085 χ^2 /NDF:3267.7/15
 All: 42.782 $\pm$ 0.062 χ^2 /NDF: 6753.5/29

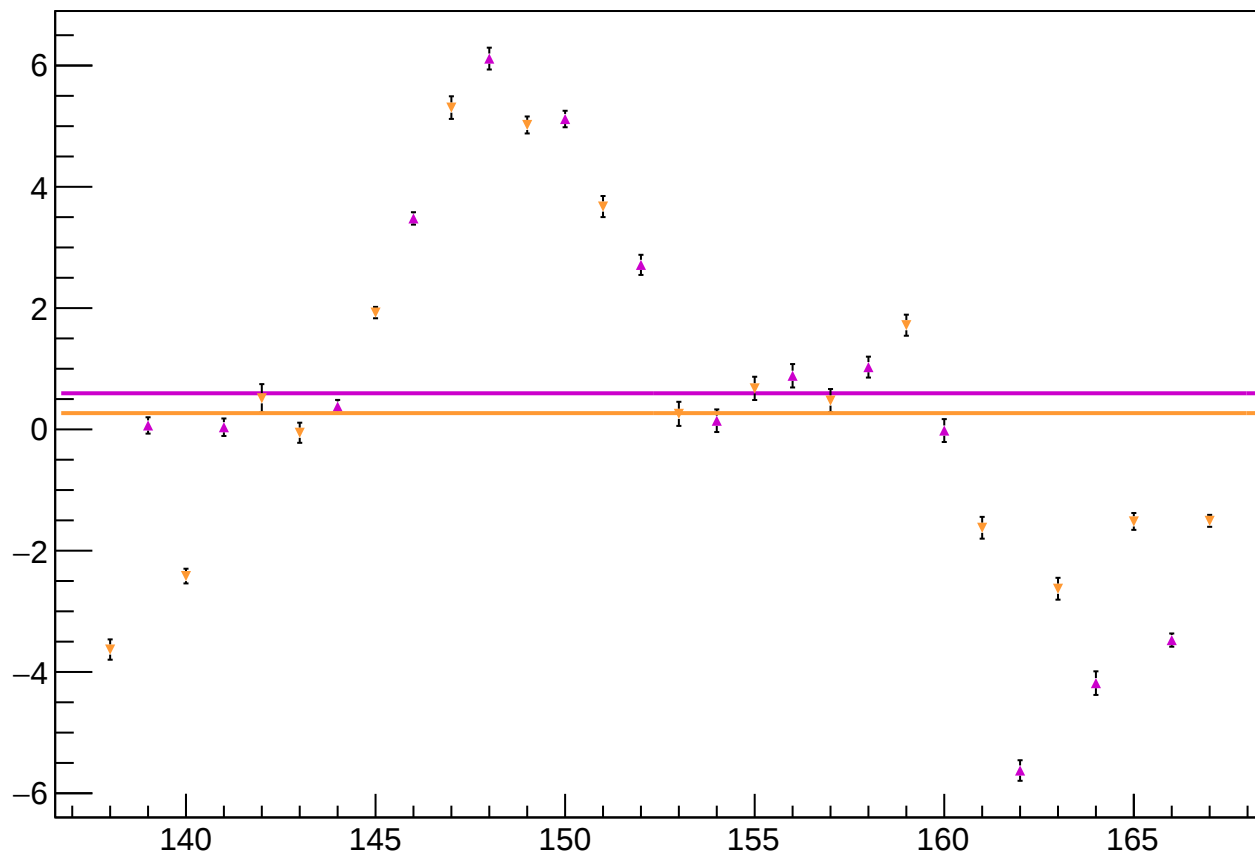
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.259+/-0.004 χ^2/NDF : 716.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.265+/-0.004 χ^2/NDF : 803.1/13

Left: -0.262+/-0.003 χ^2/NDF : 1520.4/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.265+/-0.004 χ^2/NDF : 803.1/13
 Out: -0.259+/-0.004 χ^2/NDF : 716.5/15
 All: -0.262+/-0.003 χ^2/NDF : 1520.4/29

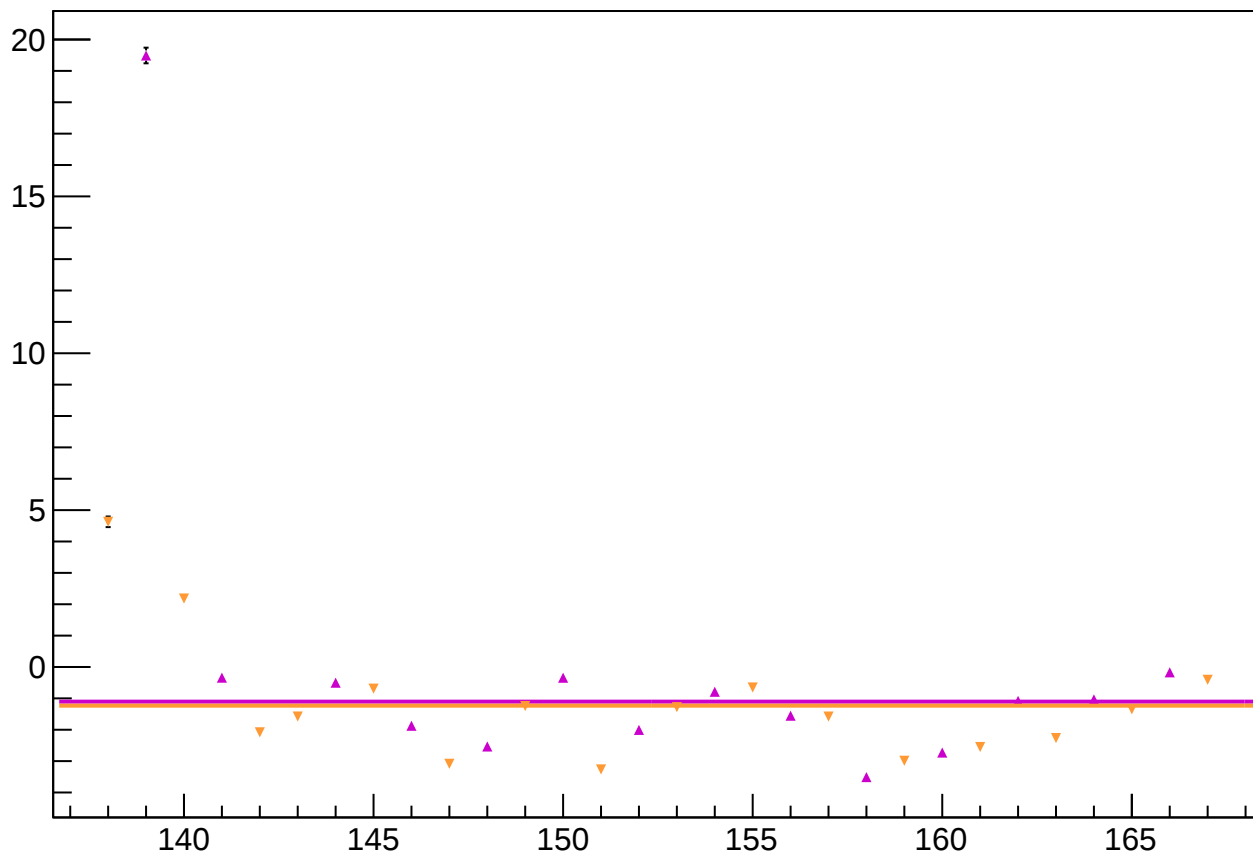
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.268+/-0.037 χ^2/NDF :4549.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.596+/-0.039 χ^2/NDF :6407.5/13

Left: 0.426+/-0.027 χ^2/NDF : 10993.9/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.596+/-0.039 χ^2/NDF :6407.5/13
 Out: 0.268+/-0.037 χ^2/NDF :4549.4/15
 All: 0.426+/-0.027 χ^2/NDF : 10993.9/29

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



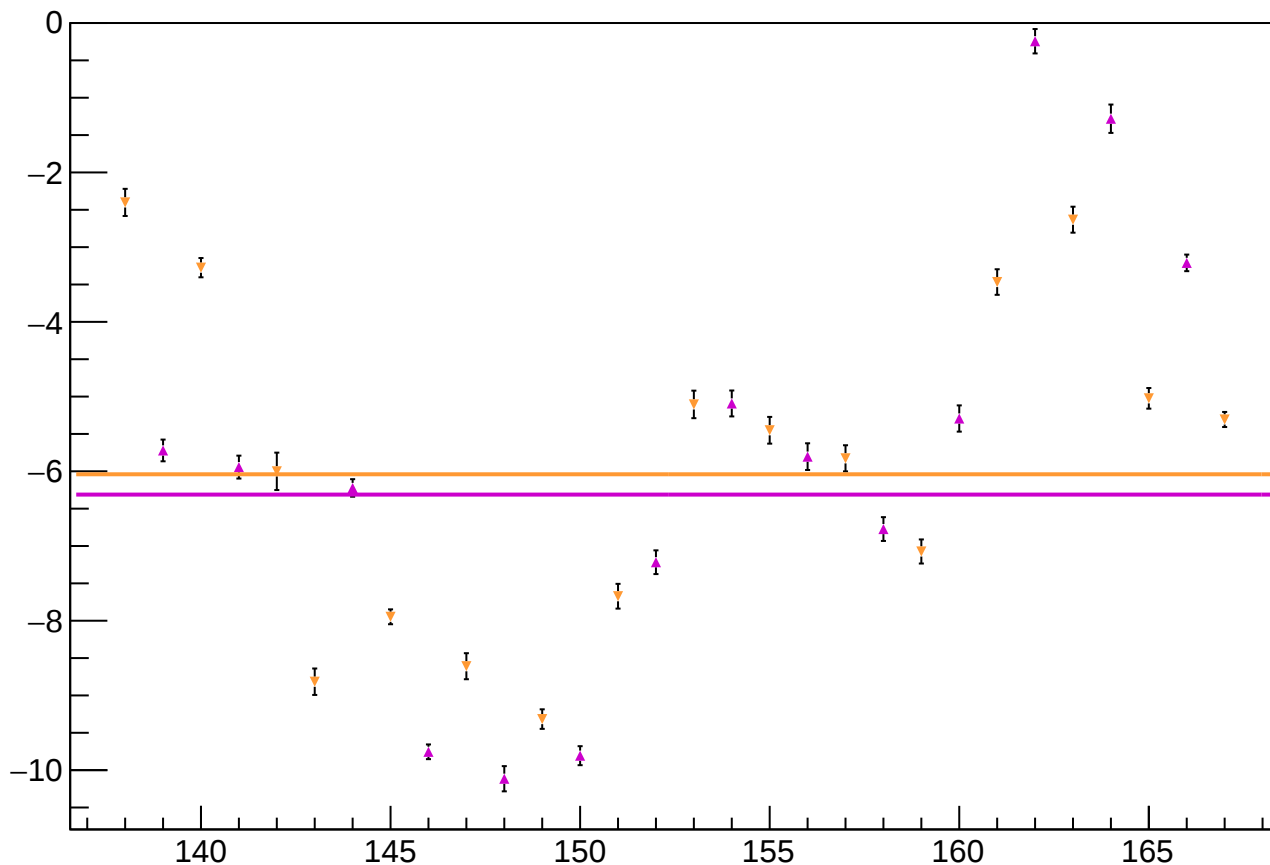
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.233+/-0.027 χ^2/NDF : 3780.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.104+/-0.028 χ^2/NDF : 8143.3/13

Left: -1.170+/-0.020 χ^2/NDF : 11934.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.104+/-0.028 χ^2/NDF : 8143.3/13
 Out: -1.233+/-0.027 χ^2/NDF : 3780.8/15

All: -1.170+/-0.020 χ^2/NDF : 11934.7/29

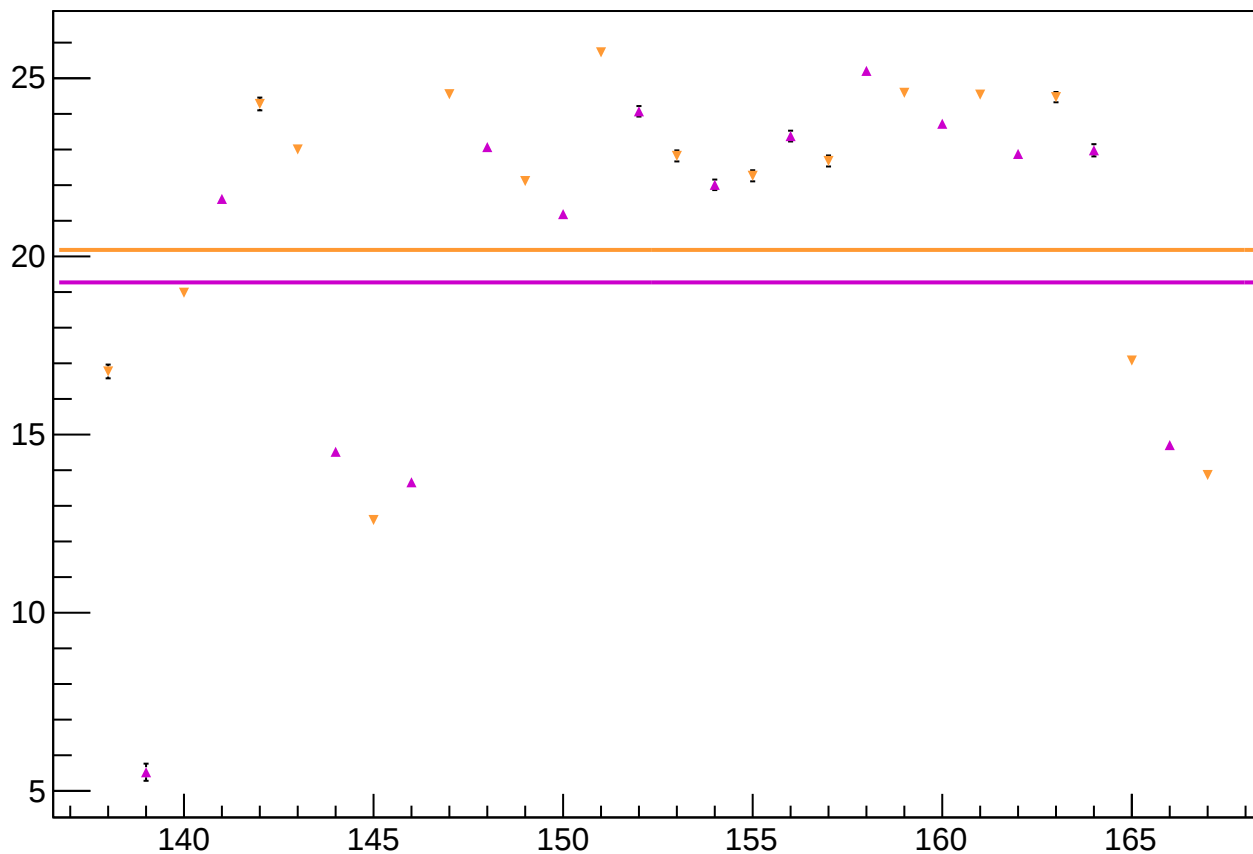
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.040 $\pm$ 0.037 χ^2 /NDF:3210.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13

Left: -6.173 $\pm$ 0.027 χ^2 /NDF: 8742.3/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13
 Out: -6.040 $\pm$ 0.037 χ^2 /NDF:3210.7/15
 All: -6.173 $\pm$ 0.027 χ^2 /NDF: 8742.3/29

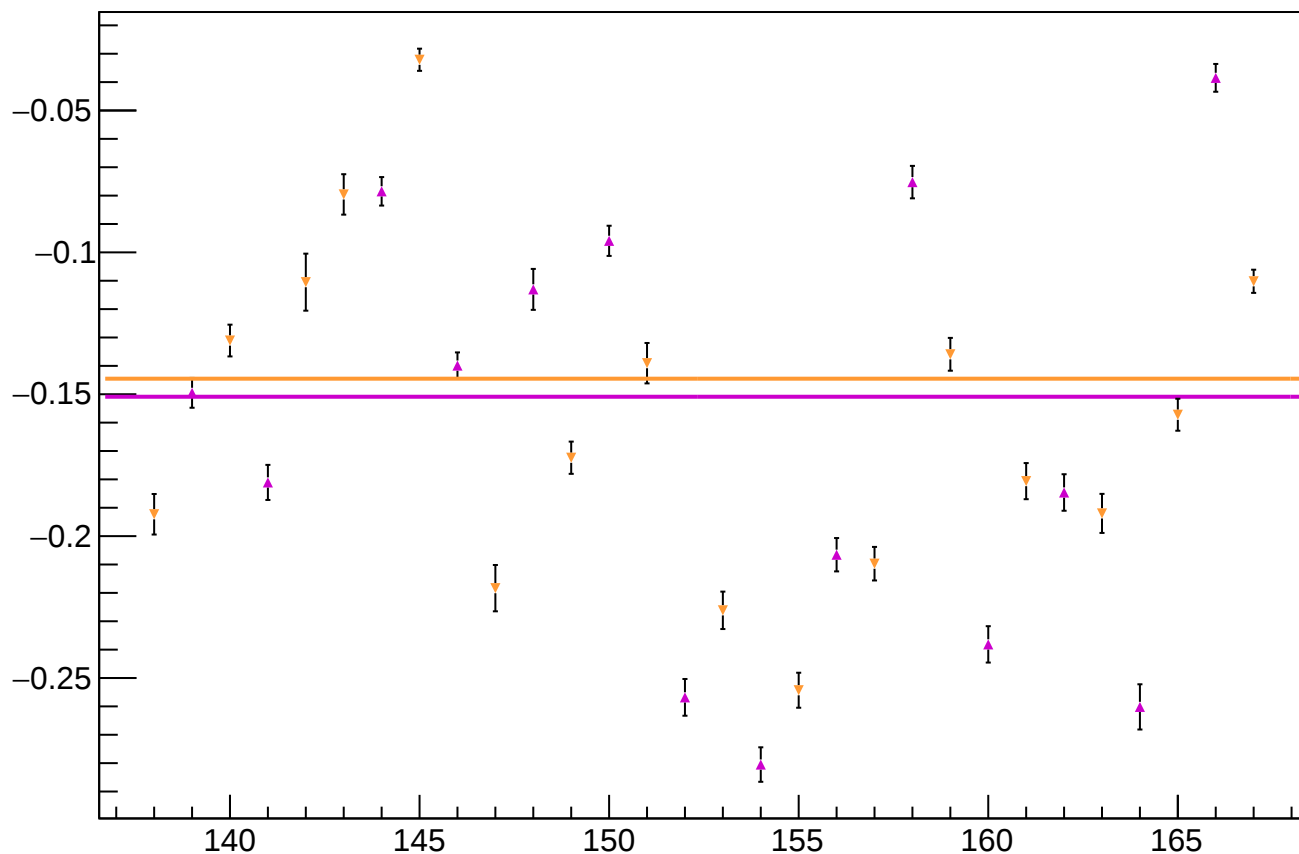
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.182+/-0.032 χ^2 /NDF:21291.8/15
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 19.270+/-0.033 χ^2 /NDF:20607.4/13

Left: 19.742+/-0.023 χ^2 /NDF: 42297.4/29
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 19.270+/-0.033 χ^2 /NDF:20607.4/13
 Out: 20.182+/-0.032 χ^2 /NDF:21291.8/15
 All: 19.742+/-0.023 χ^2 /NDF: 42297.4/29

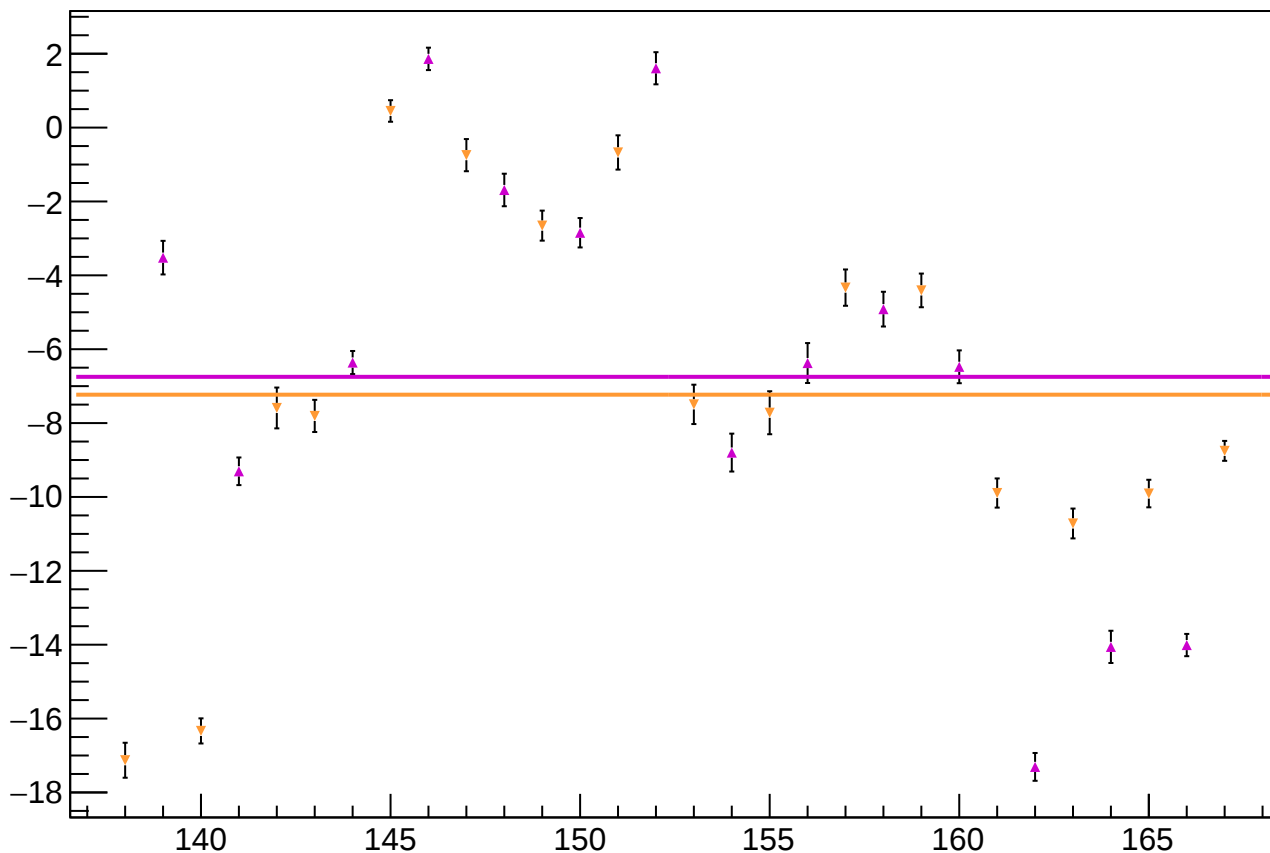
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.001 χ^2/NDF :1827.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.151+/-0.002 χ^2/NDF :2285.9/13

Left: -0.148+/-0.001 χ^2/NDF : 4122.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :2285.9/13
 Out: -0.145+/-0.001 χ^2/NDF :1827.9/15
 All: -0.148+/-0.001 χ^2/NDF : 4122.7/29

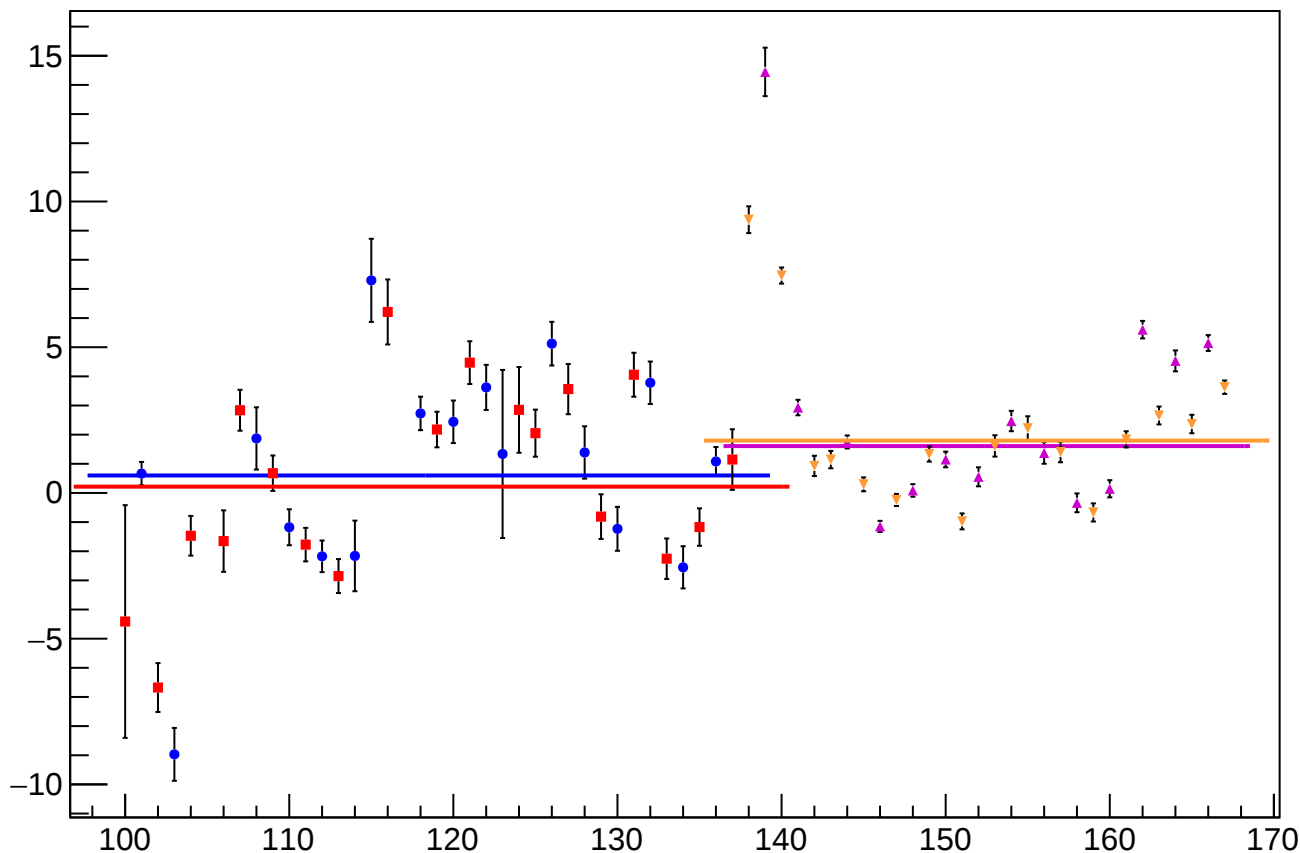
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.231+/-0.101 χ^2/NDF : 2673.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.748+/-0.105 χ^2/NDF : 3179.7/13

Left: -7.000+/-0.073 χ^2/NDF : 5864.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.748+/-0.105 χ^2/NDF : 3179.7/13
 Out: -7.231+/-0.101 χ^2/NDF : 2673.3/15
 All: -7.000+/-0.073 χ^2/NDF : 5864.0/29

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.797 ± 0.072 χ^2/NDF : 1084.3/15

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.608 ± 0.075 χ^2/NDF : 1014.7/13

Left: 1.706 ± 0.052 χ^2/NDF : 2102.3/29

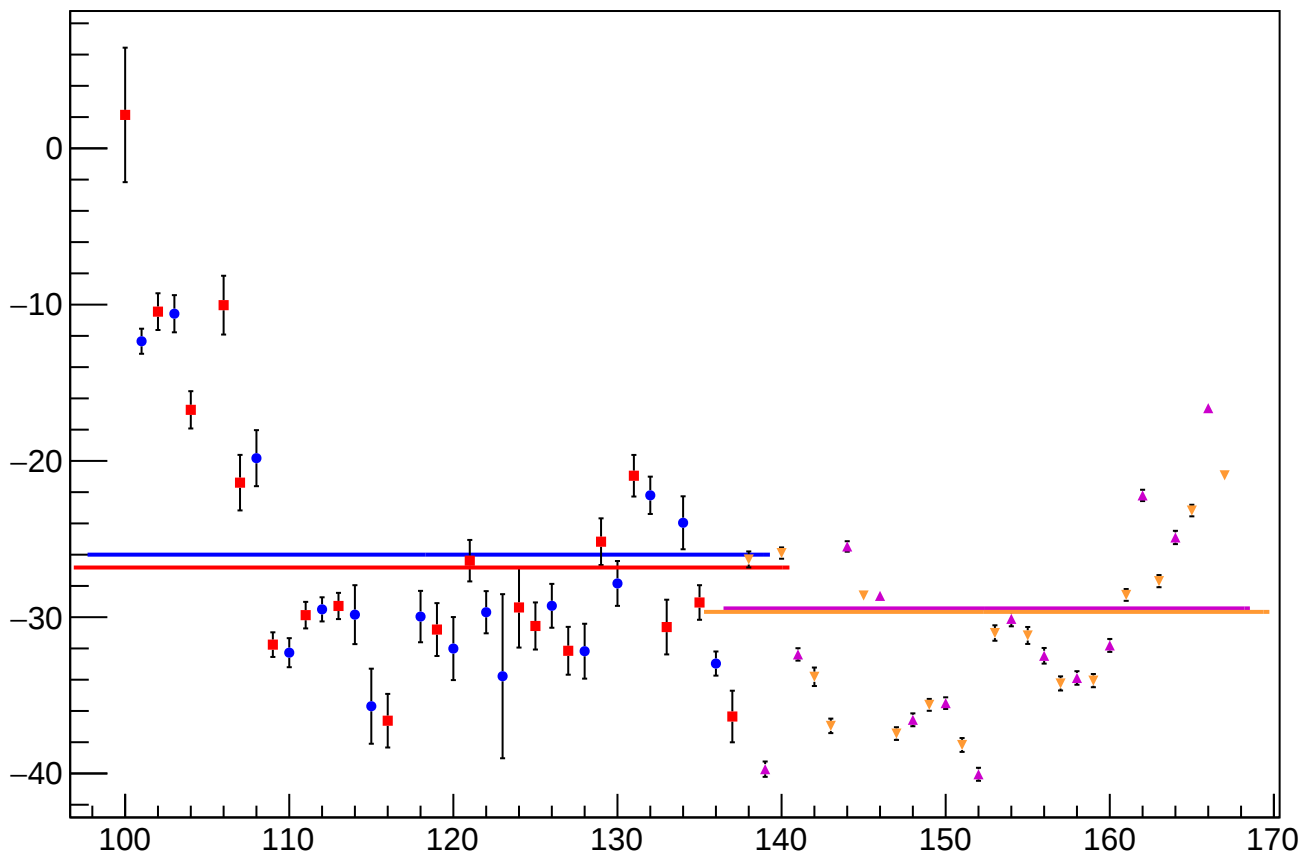
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.441 ± 0.069 χ^2/NDF : 1336.3/30

Out: 1.564 ± 0.067 χ^2/NDF : 1428.7/34

All: 1.505 ± 0.048 χ^2/NDF : 2766.6/65

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: -29.660 ± 0.100 χ^2/NDF : 3005.5/15

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -29.438 ± 0.104 χ^2/NDF : 4281.4/13

Left: -29.553 ± 0.072 χ^2/NDF : 7289.3/29

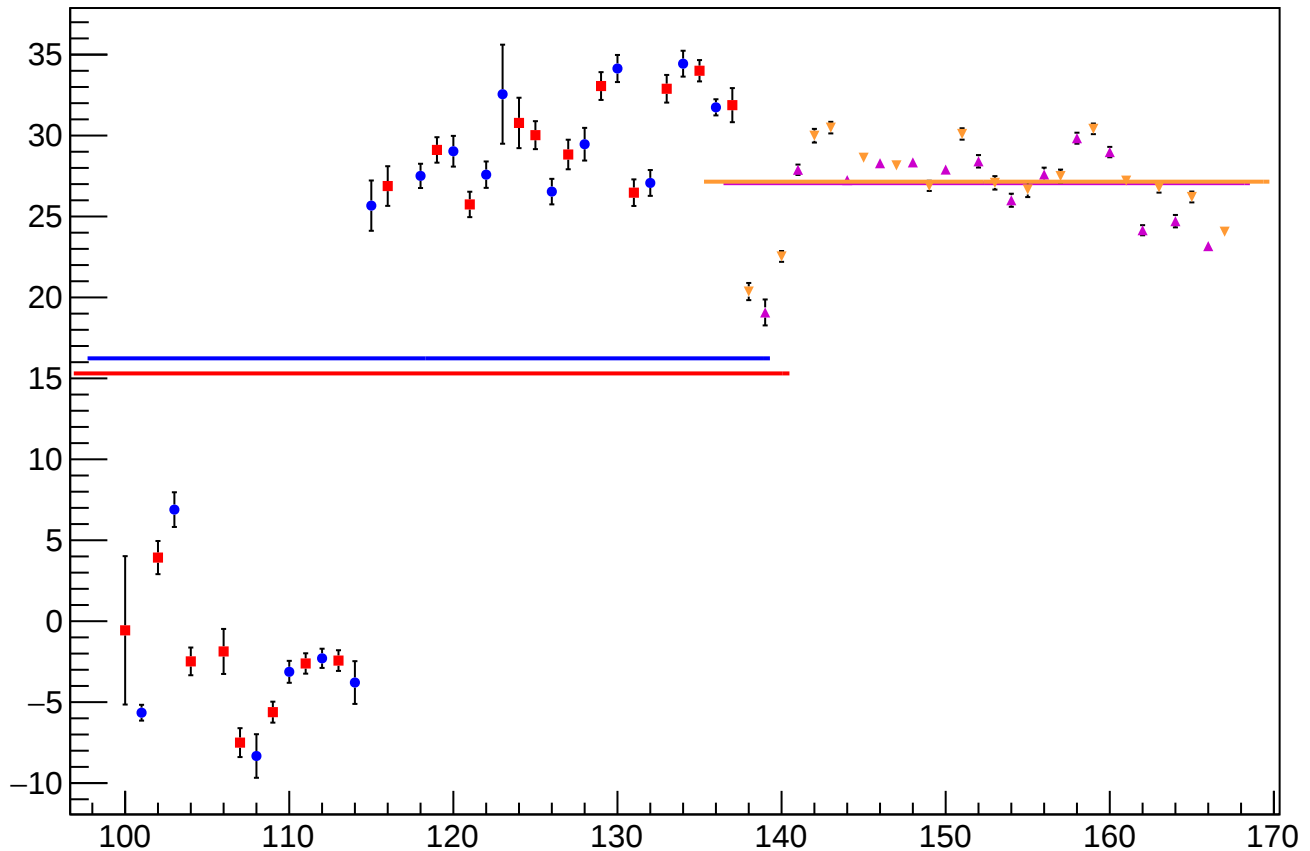
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -29.072 ± 0.098 χ^2/NDF : 5091.4/30

Out: -29.370 ± 0.095 χ^2/NDF : 3668.2/34

All: -29.226 ± 0.068 χ^2/NDF : 8764.3/65

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: 27.151 $\pm$ 0.084 χ^2 /NDF: 858.1/15

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.058 $\pm$ 0.088 χ^2 /NDF: 583.1/13

Left: 27.106 $\pm$ 0.061 χ^2 /NDF: 1441.8/29

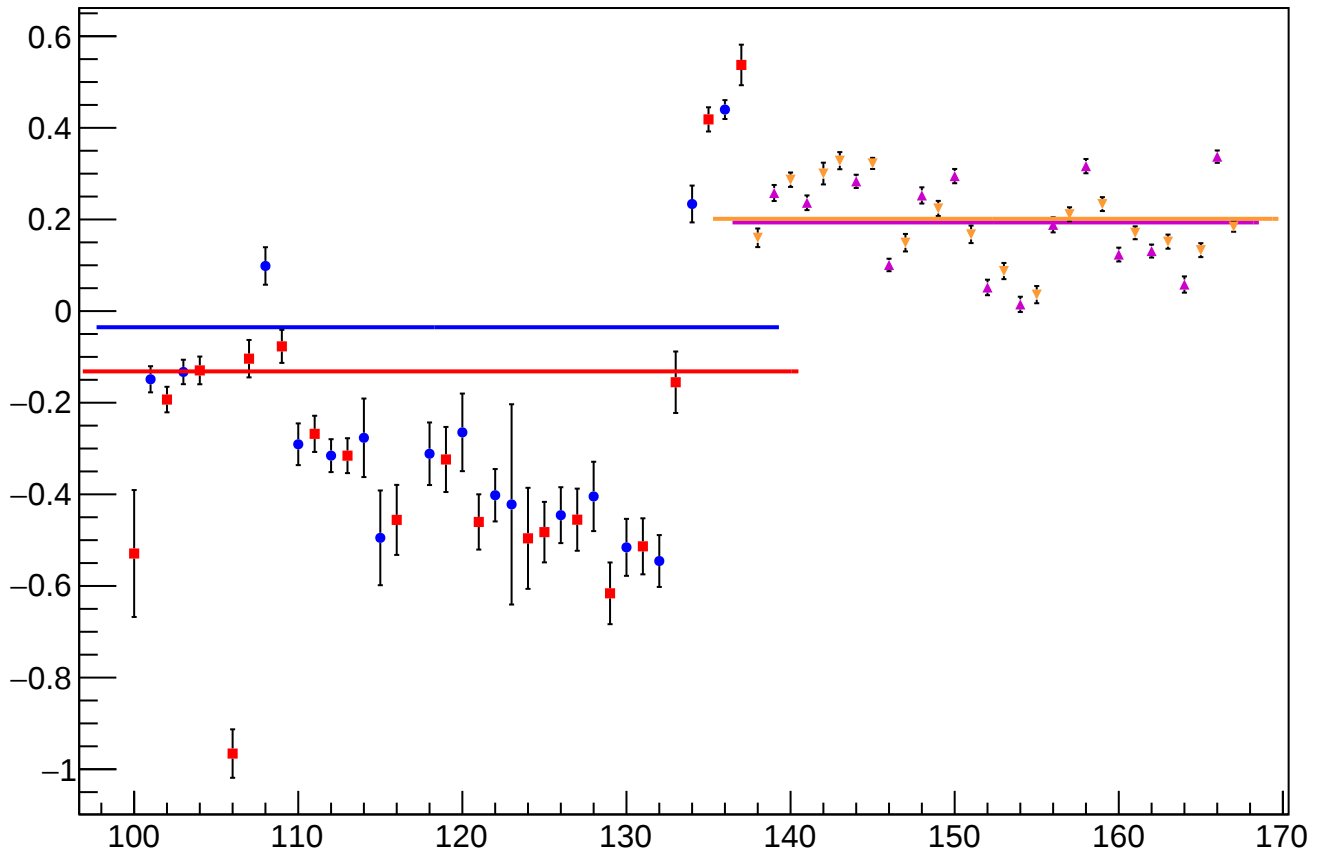
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.181 $\pm$ 0.080 χ^2 /NDF: 10805.2/30

Out: 25.319 $\pm$ 0.077 χ^2 /NDF: 11187.0/34

All: 25.252 $\pm$ 0.056 χ^2 /NDF: 21993.8/65

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: 0.201 ± 0.004 χ^2/NDF : 370.6/15

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.194 ± 0.004 χ^2/NDF : 617.0/13

Left: 0.198 ± 0.003 χ^2/NDF : 989.5/29

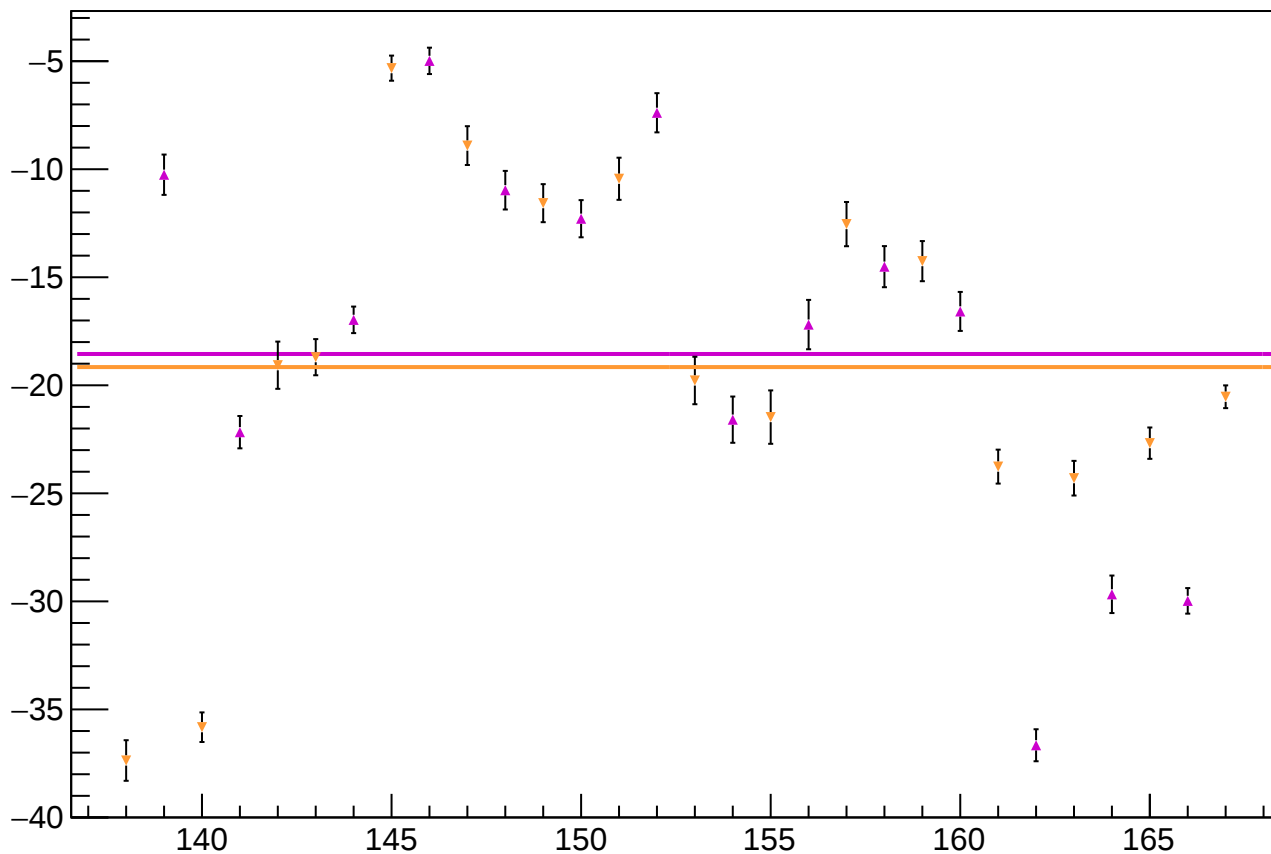
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.161 ± 0.004 χ^2/NDF : 2052.7/30

Out: 0.159 ± 0.004 χ^2/NDF : 2441.4/34

All: 0.160 ± 0.003 χ^2/NDF : 4494.3/65

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.157+/-0.203 χ^2/NDF :1998.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Left: -18.869+/-0.147 χ^2/NDF : 4049.2/29

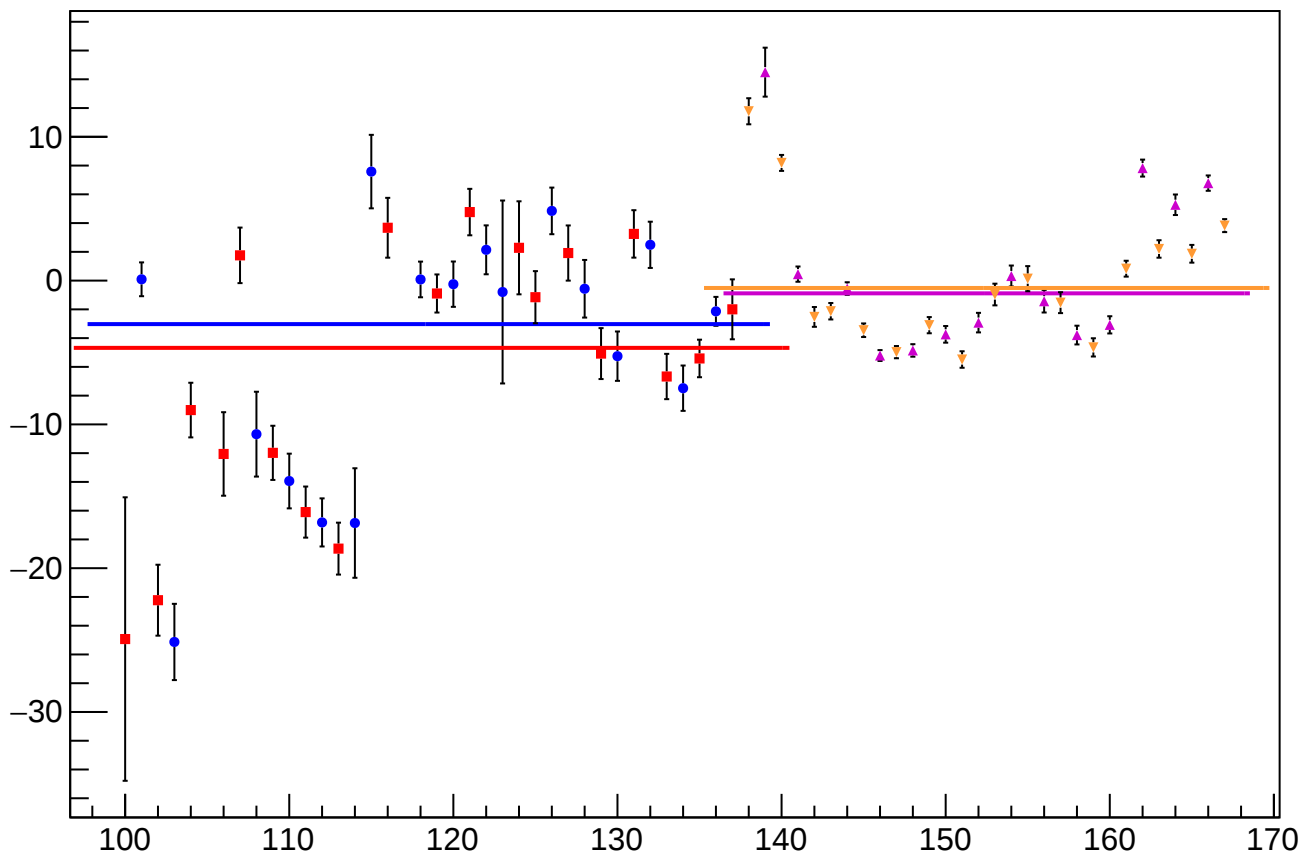
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Out: -19.157+/-0.203 χ^2/NDF :1998.2/15

All: -18.869+/-0.147 χ^2/NDF : 4049.2/29

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: -0.512 ± 0.146 χ^2/NDF : 868.7/15

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -0.886 ± 0.152 χ^2/NDF : 871.0/13

Left: -0.693 ± 0.105 χ^2/NDF : 1742.9/29

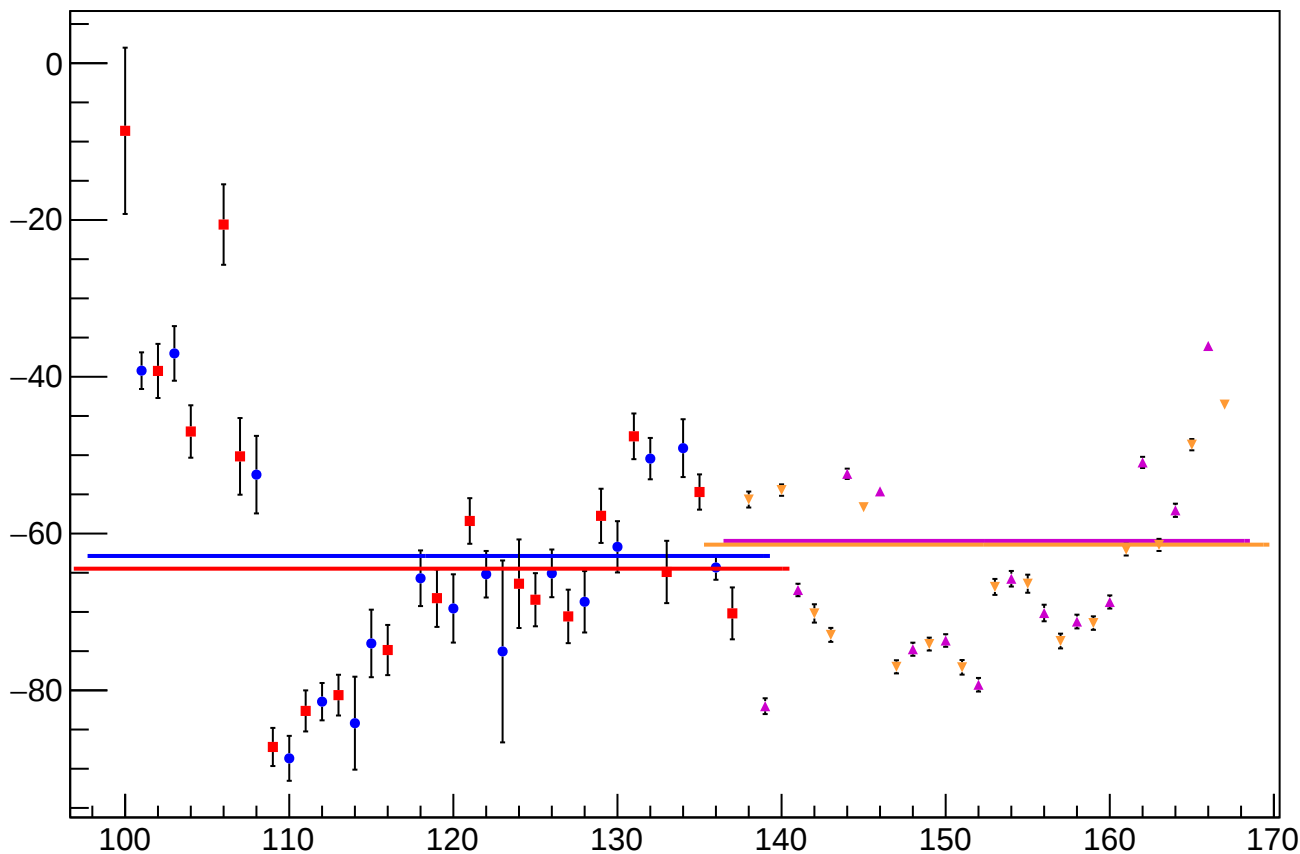
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -1.145 ± 0.142 χ^2/NDF : 1175.8/30

Out: -0.951 ± 0.138 χ^2/NDF : 1253.3/34

All: -1.045 ± 0.099 χ^2/NDF : 2430.0/65

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -61.415 ± 0.202 χ^2/NDF : 3033.1/15

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -60.937 ± 0.209 χ^2/NDF : 3998.0/13

Left: -61.184 ± 0.145 χ^2/NDF : 7033.7/29

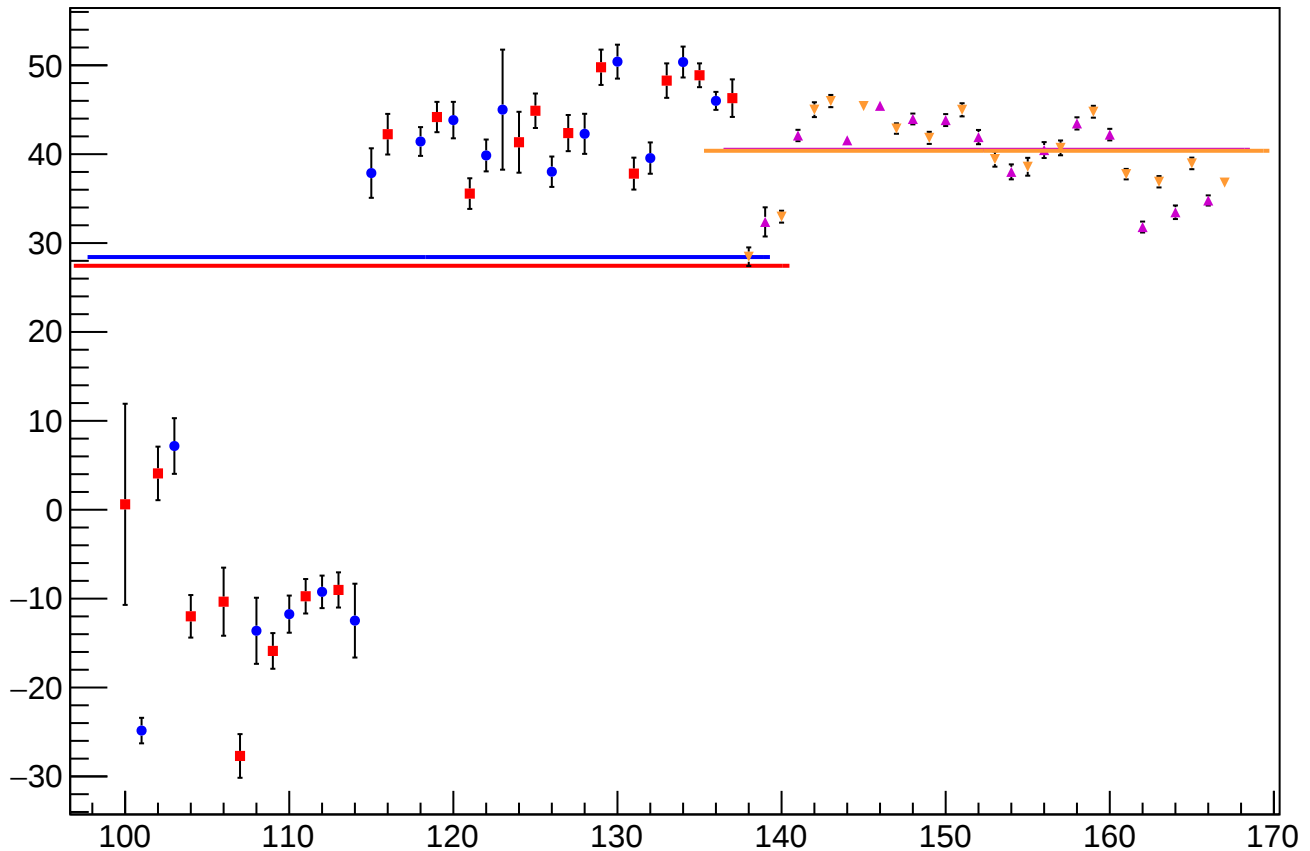
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -61.080 ± 0.201 χ^2/NDF : 4371.9/30

Out: -61.621 ± 0.195 χ^2/NDF : 3492.6/34

All: -61.359 ± 0.140 χ^2/NDF : 7868.2/65

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.382 $\pm$ 0.170 χ^2 /NDF: 649.1/15

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.494 $\pm$ 0.177 χ^2 /NDF: 621.4/13

Left: 40.436 $\pm$ 0.122 χ^2 /NDF: 1270.7/29

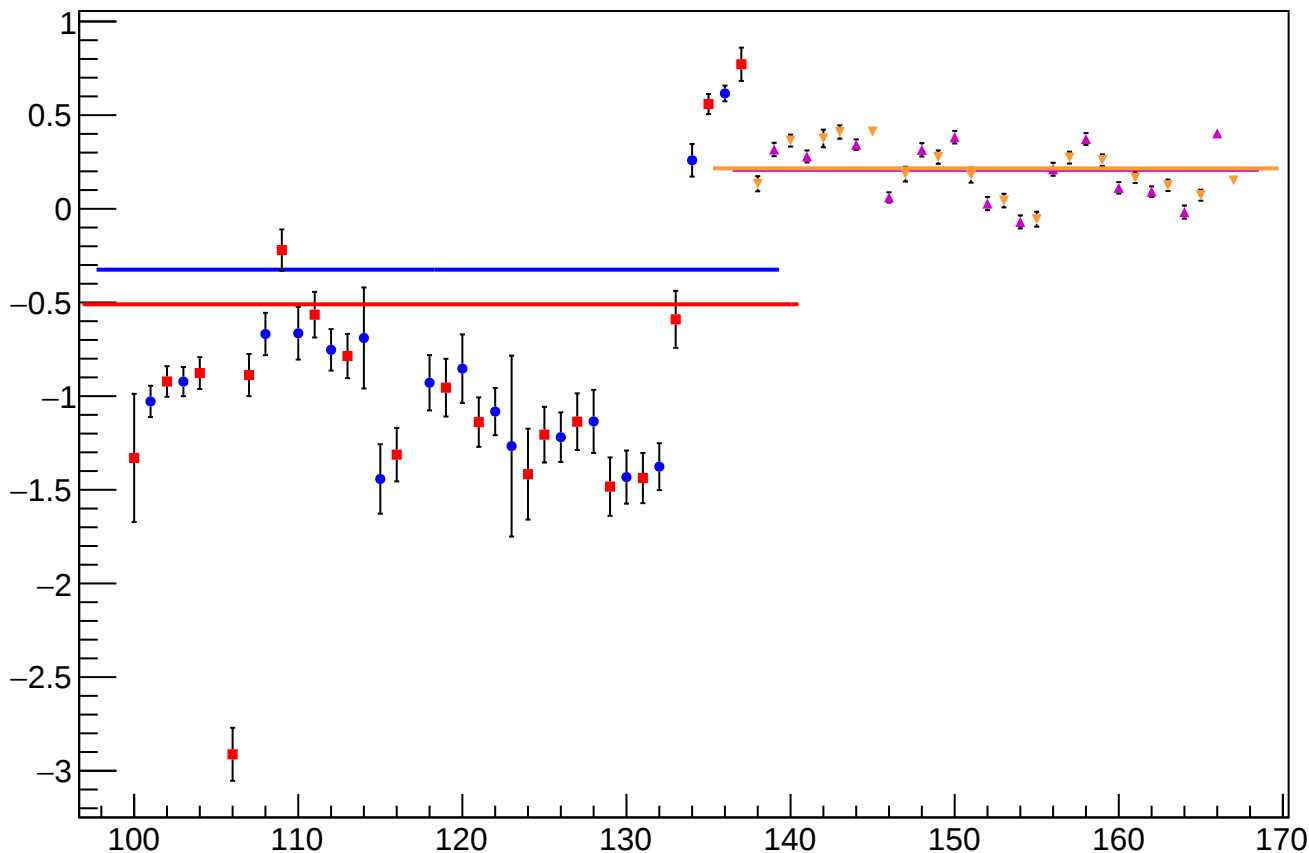
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.927 $\pm$ 0.165 χ^2 /NDF: 4548.5/30

Out: 38.935 $\pm$ 0.160 χ^2 /NDF: 4332.3/34

All: 38.931 $\pm$ 0.115 χ^2 /NDF: 8880.8/65

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: 0.216 ± 0.008 χ^2/NDF : 254.2/15

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.208 ± 0.008 χ^2/NDF : 339.3/13

Left: 0.212 ± 0.006 χ^2/NDF : 594.0/29

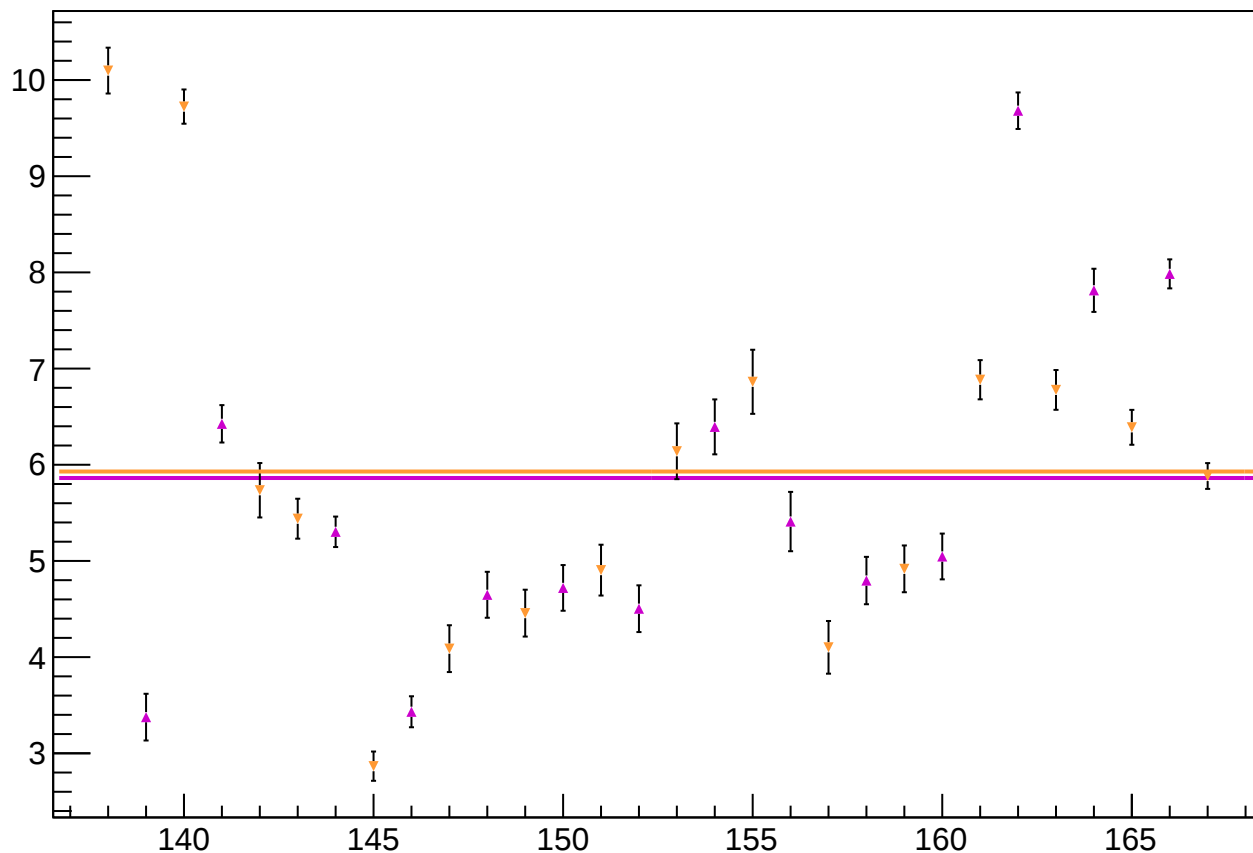
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.153 ± 0.008 χ^2/NDF : 1761.1/30

Out: 0.152 ± 0.008 χ^2/NDF : 2150.3/34

All: 0.152 ± 0.006 χ^2/NDF : 3911.5/65

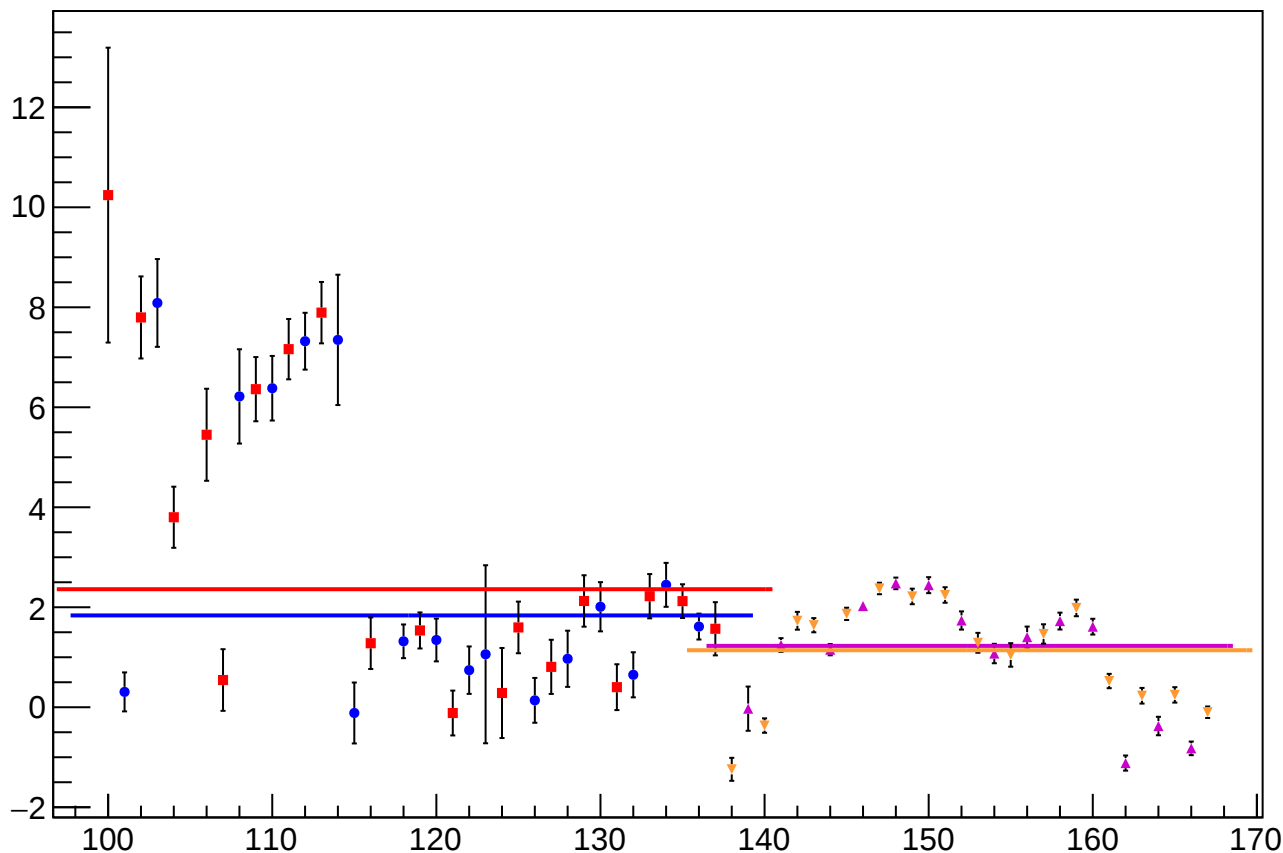
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.930 $\pm$ 0.053 χ^2 /NDF:1395.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.862 $\pm$ 0.056 χ^2 /NDF:1147.5/13

Left: 5.898 $\pm$ 0.038 χ^2 /NDF: 2544.2/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.862 $\pm$ 0.056 χ^2 /NDF:1147.5/13
 Out: 5.930 $\pm$ 0.053 χ^2 /NDF:1395.9/15
 All: 5.898 $\pm$ 0.038 χ^2 /NDF: 2544.2/29

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: 1.140 $\pm$ 0.038 χ^2 /NDF: 720.0/15

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.228 $\pm$ 0.040 χ^2 /NDF: 813.7/13

Left: 1.182 $\pm$ 0.028 χ^2 /NDF: 1536.2/29

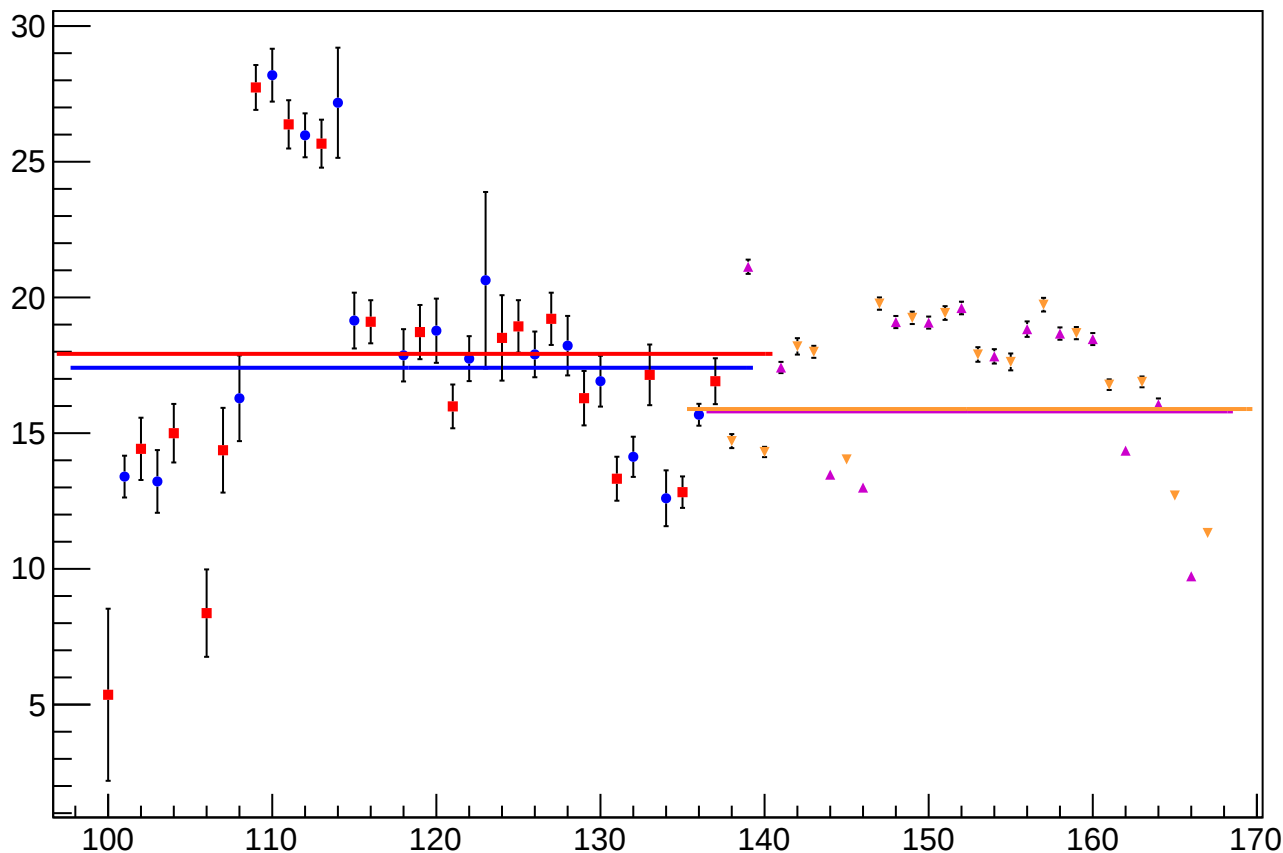
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.291 $\pm$ 0.038 χ^2 /NDF: 1132.4/30

Out: 1.248 $\pm$ 0.036 χ^2 /NDF: 1147.5/34

All: 1.269 $\pm$ 0.026 χ^2 /NDF: 2280.5/65

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 χ^2/NDF : 365.1/16

Left Out: 15.889 ± 0.053 χ^2/NDF : 3015.3/15

Right Out: 17.922 ± 0.219 χ^2/NDF : 506.5/18

Left In: 15.802 ± 0.055 χ^2/NDF : 3794.9/13

Left: 15.847 ± 0.038 χ^2/NDF : 6811.5/29

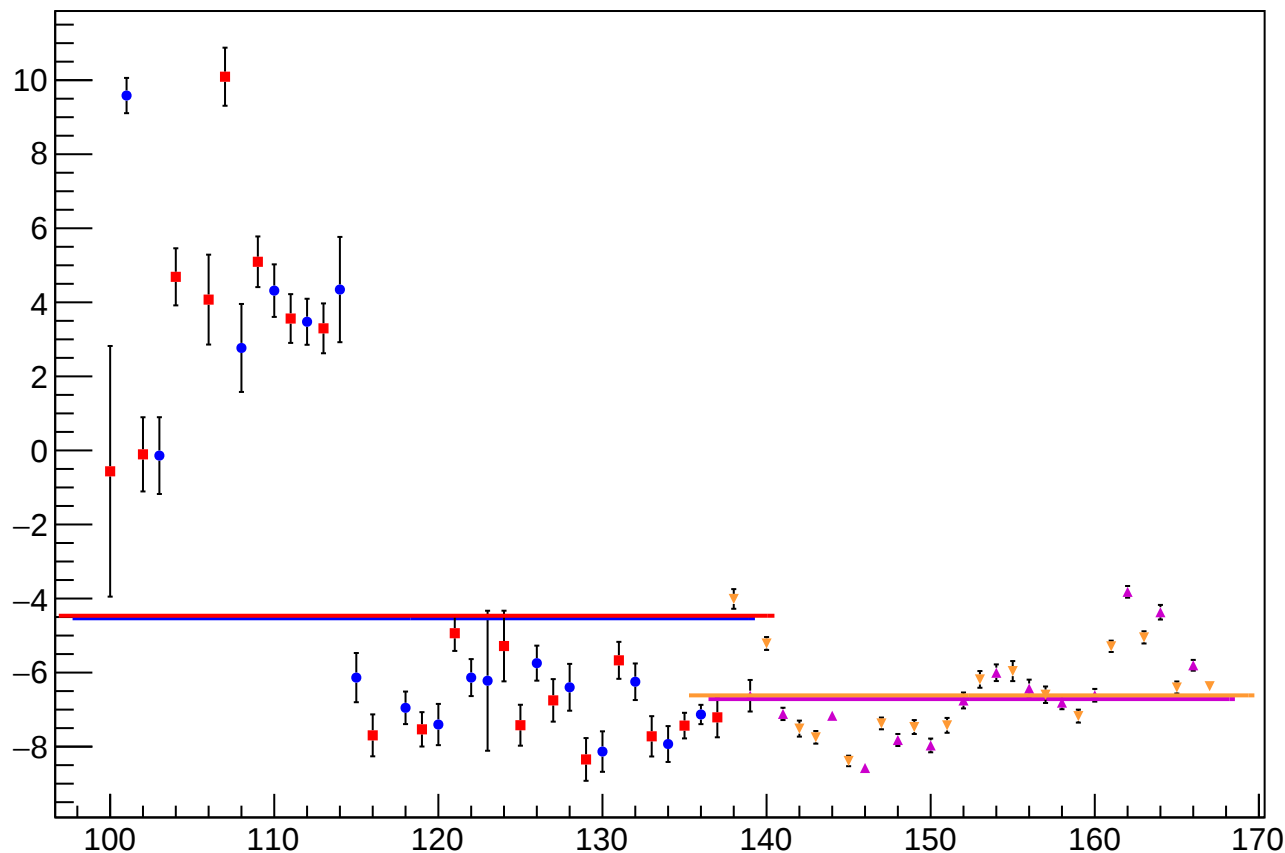
Right: 17.657 ± 0.152 χ^2/NDF : 874.4/35

In: 15.903 ± 0.053 χ^2/NDF : 4213.9/30

Out: 16.000 ± 0.051 χ^2/NDF : 3603.4/34

All: 15.953 ± 0.037 χ^2/NDF : 7819.0/65

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: -6.616 ± 0.044 χ^2/NDF : 627.4/15

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.716 ± 0.046 χ^2/NDF : 863.1/13

Left: -6.663 ± 0.032 χ^2/NDF : 1492.9/29

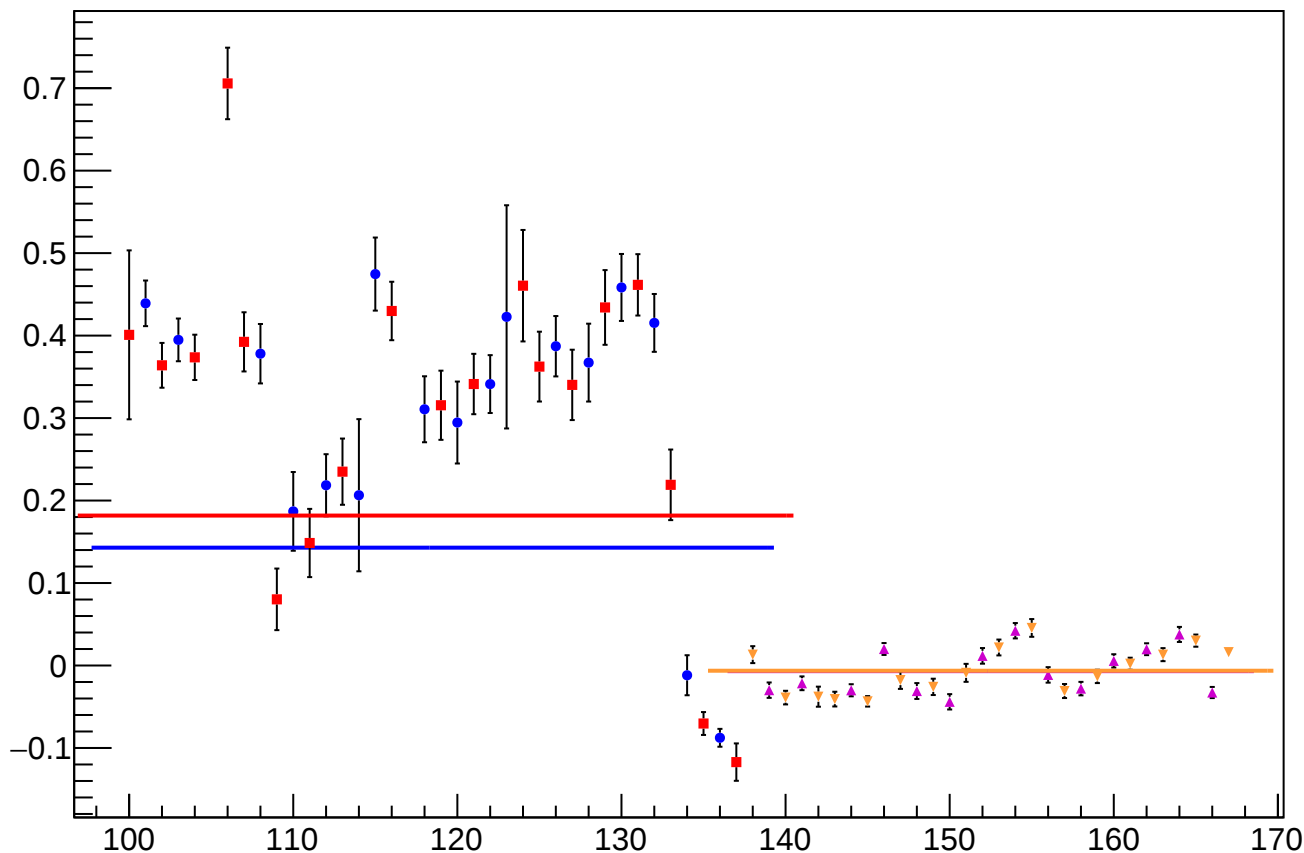
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.469 ± 0.044 χ^2/NDF : 2702.7/30

Out: -6.412 ± 0.042 χ^2/NDF : 2191.8/34

All: -6.439 ± 0.030 χ^2/NDF : 4895.4/65

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: -0.006 ± 0.002 $\chi^2/\text{NDF}: 169.3/15$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 148.2/13$

Left: -0.007 ± 0.002 $\chi^2/\text{NDF}: 317.5/29$

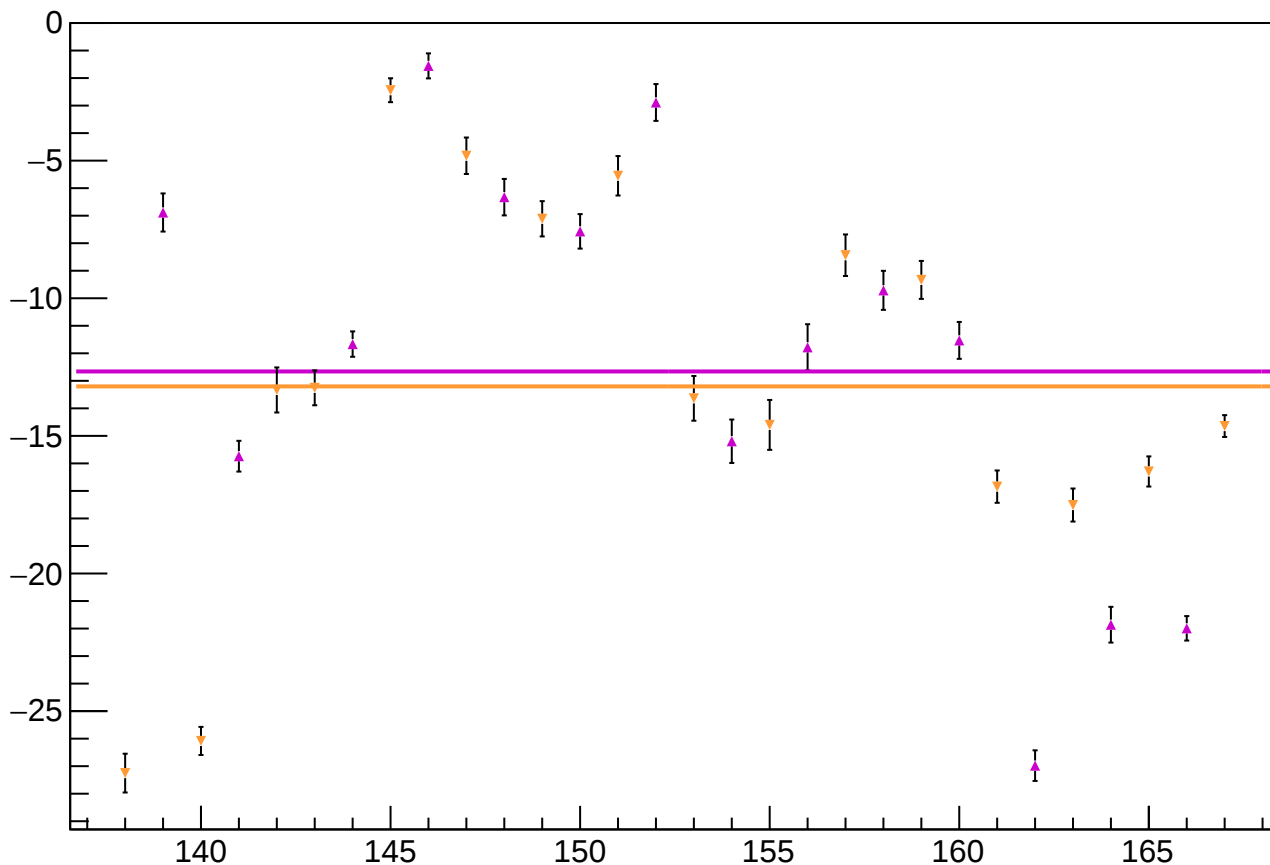
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.007 ± 0.002 $\chi^2/\text{NDF}: 1617.1/30$

Out: 0.008 ± 0.002 $\chi^2/\text{NDF}: 1778.7/34$

All: 0.007 ± 0.001 $\chi^2/\text{NDF}: 3395.9/65$

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: -13.202+/-0.151 χ^2/NDF :2221.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.659+/-0.158 χ^2/NDF :2409.2/13

Left: -12.944+/-0.109 χ^2/NDF : 4637.1/29

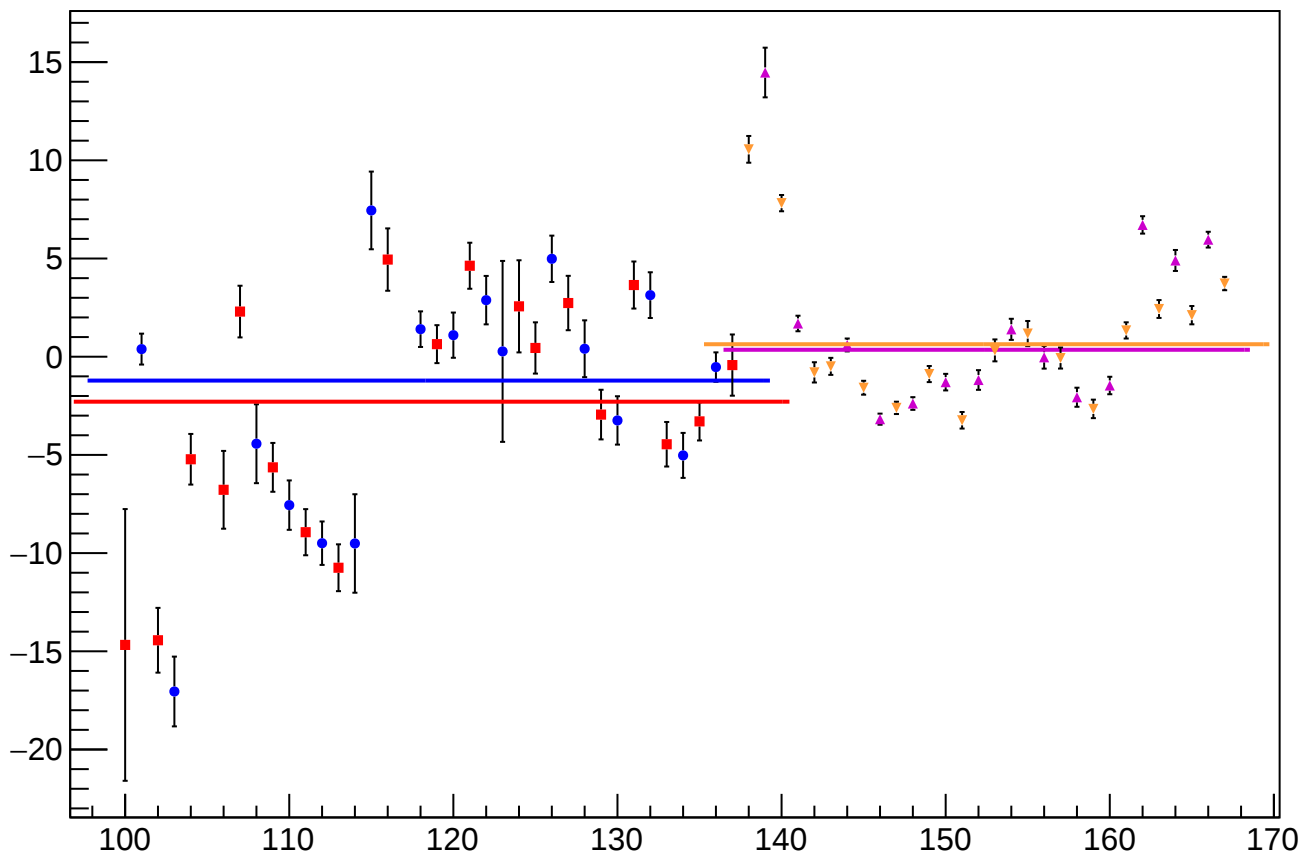
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.659+/-0.158 χ^2/NDF :2409.2/13

Out: -13.202+/-0.151 χ^2/NDF :2221.8/15

All: -12.944+/-0.109 χ^2/NDF : 4637.1/29

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 0.636 $\pm$ 0.109 χ^2 /NDF:933.9/15

Right Out: -2.290 $\pm$ 0.302 χ^2 /NDF: 287.1/18

Left In: 0.353 $\pm$ 0.113 χ^2 /NDF:908.5/13

Left: 0.499 $\pm$ 0.078 χ^2 /NDF: 1845.6/29

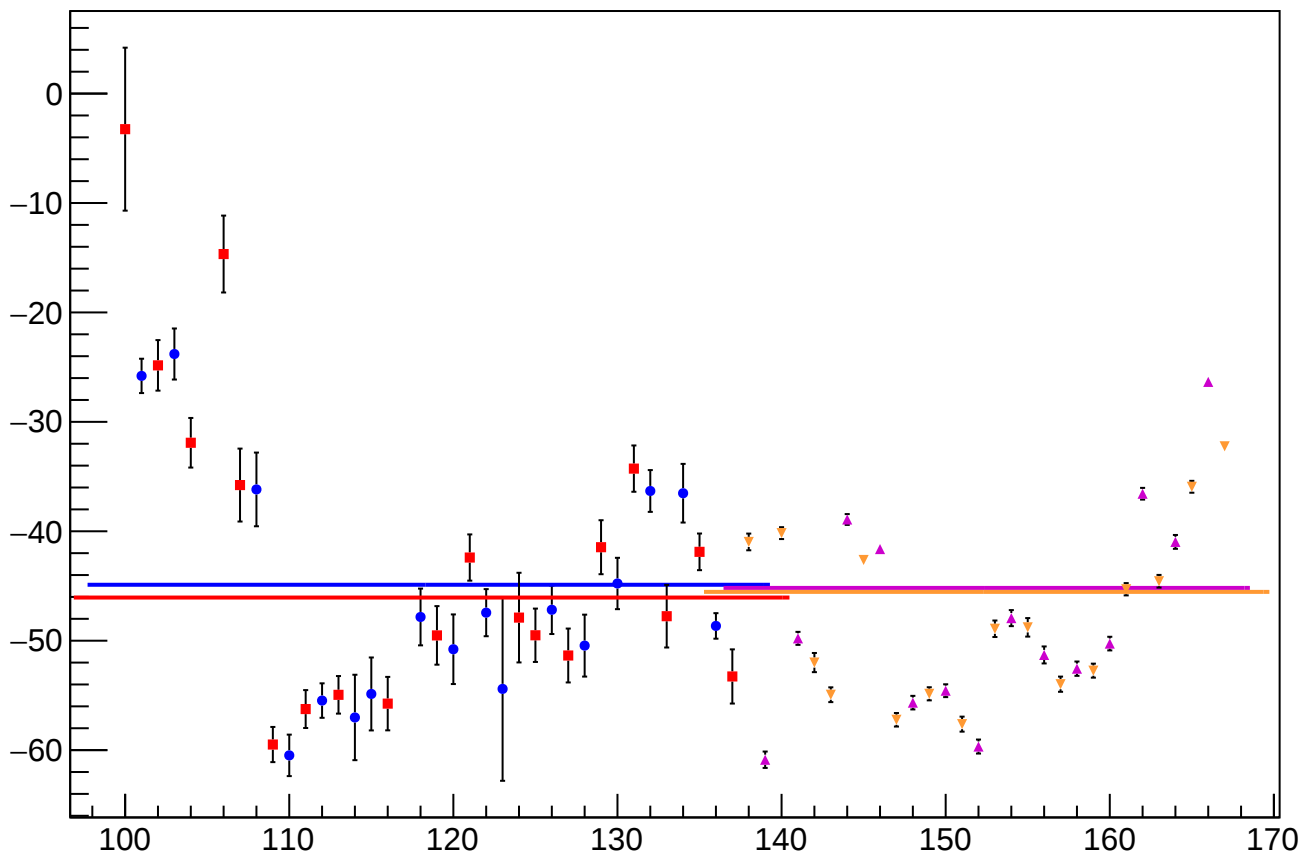
Right: -1.731 $\pm$ 0.209 χ^2 /NDF: 572.4/35

In: 0.147 $\pm$ 0.105 χ^2 /NDF:1212.5/30

Out: 0.299 $\pm$ 0.102 χ^2 /NDF:1304.0/34

All: 0.225 $\pm$ 0.073 χ^2 /NDF: 2517.5/65

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: -45.538 ± 0.151 χ^2/NDF : 3029.0/15

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -45.176 ± 0.156 χ^2/NDF : 4084.4/13

Left: -45.363 ± 0.108 χ^2/NDF : 7116.2/29

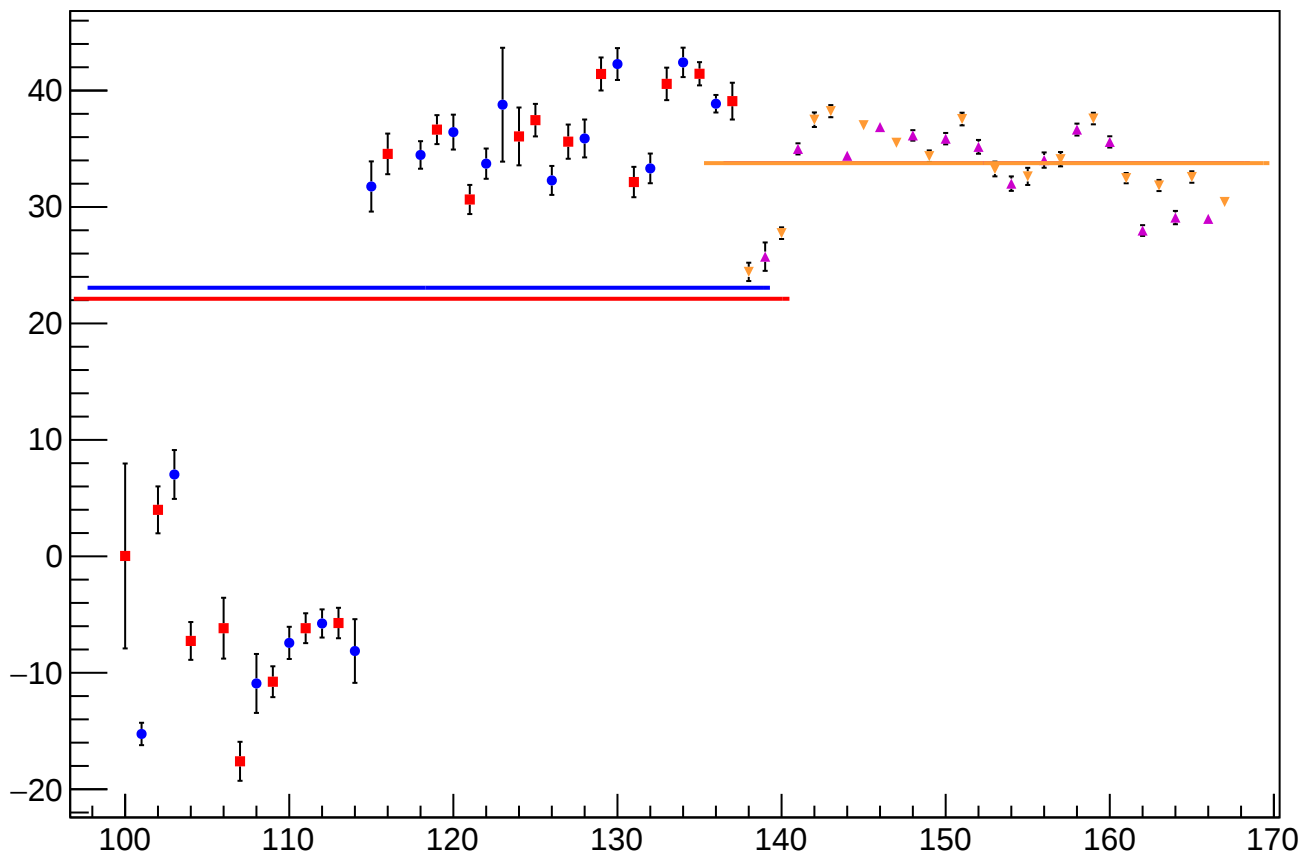
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -45.153 ± 0.149 χ^2/NDF : 4505.1/30

Out: -45.577 ± 0.145 χ^2/NDF : 3483.7/34

All: -45.371 ± 0.104 χ^2/NDF : 7992.9/65

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 33.767 $\pm$ 0.126 χ^2 /NDF:697.4/15

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.776 $\pm$ 0.132 χ^2 /NDF:582.2/13

Left: 33.771 $\pm$ 0.091 χ^2 /NDF: 1279.7/29

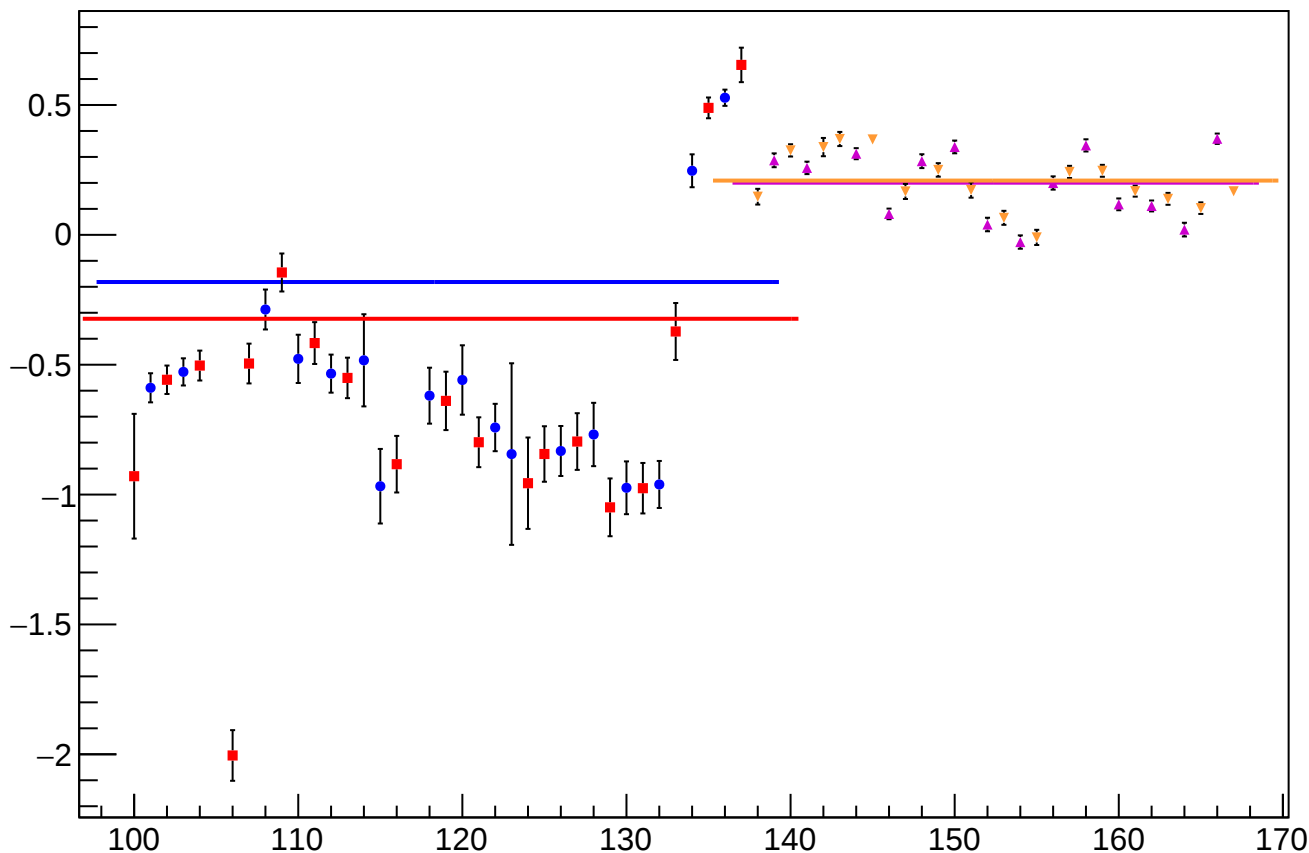
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.278 $\pm$ 0.122 χ^2 /NDF:5841.0/30

Out: 32.349 $\pm$ 0.119 χ^2 /NDF:5763.4/34

All: 32.314 $\pm$ 0.085 χ^2 /NDF: 11604.5/65

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.018 χ^2 /NDF: 996.9/16

Left Out: 0.209 $\pm$ 0.006 χ^2 /NDF:290.3/15

Right Out: -0.323 $\pm$ 0.018 χ^2 /NDF: 1183.9/18

Left In: 0.201 $\pm$ 0.006 χ^2 /NDF:424.1/13

Left: 0.205 $\pm$ 0.004 χ^2 /NDF: 715.2/29

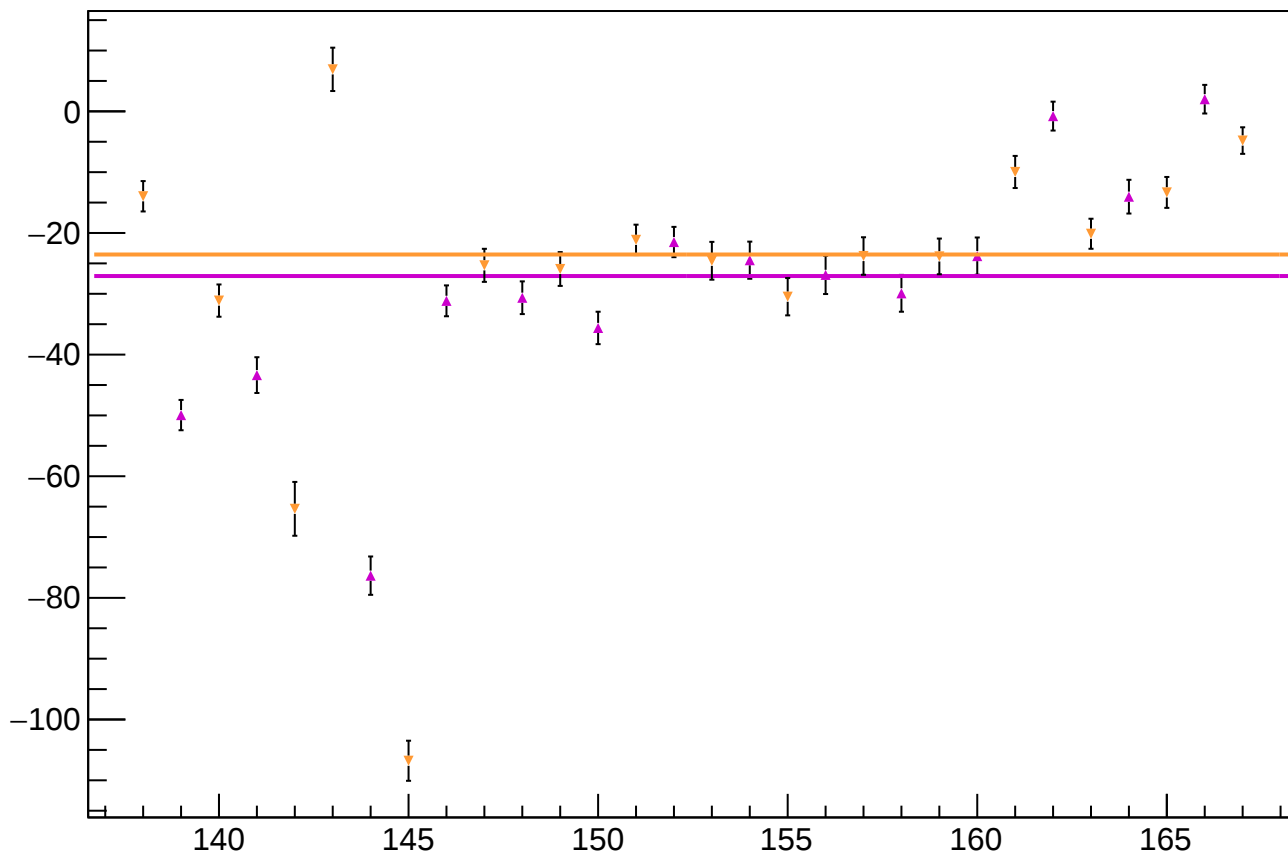
Right: -0.251 $\pm$ 0.013 χ^2 /NDF: 2211.9/35

In: 0.158 $\pm$ 0.006 χ^2 /NDF:1833.8/30

Out: 0.157 $\pm$ 0.006 χ^2 /NDF:2248.9/34

All: 0.158 $\pm$ 0.004 χ^2 /NDF: 4082.7/65

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.540 $\pm$ 0.698 χ^2/NDF : 948.1/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -27.080 $\pm$ 0.729 χ^2/NDF : 678.8/13

Left: -25.235 $\pm$ 0.504 χ^2/NDF : 1639.2/29

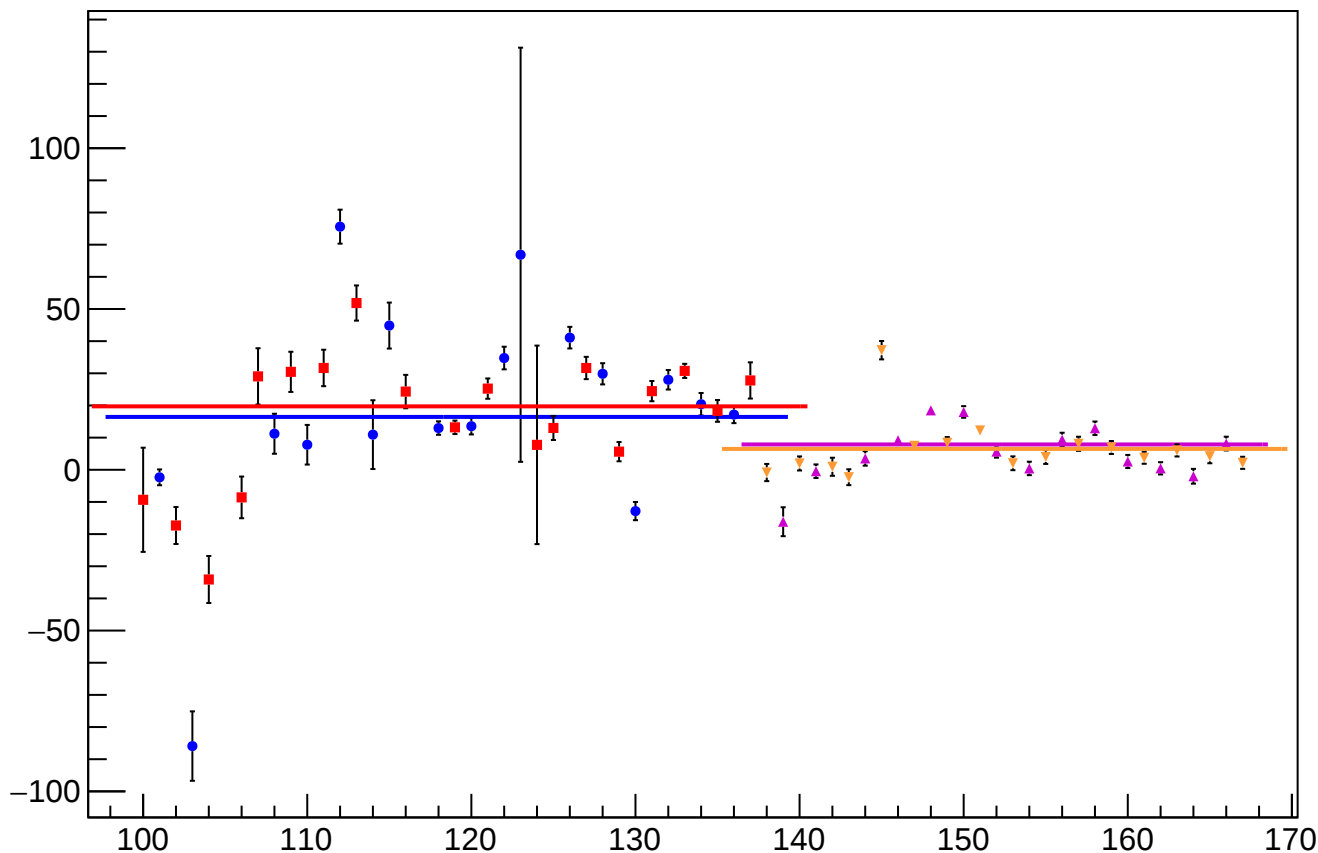
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -27.080 $\pm$ 0.729 χ^2/NDF : 678.8/13

Out: -23.540 $\pm$ 0.698 χ^2/NDF : 948.1/15

All: -25.235 $\pm$ 0.504 χ^2/NDF : 1639.2/29

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.493 $\pm$ 0.493 χ^2 /NDF:176.8/15

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.879 $\pm$ 0.520 χ^2 /NDF:206.6/13

Left: 7.148 $\pm$ 0.358 χ^2 /NDF: 387.1/29

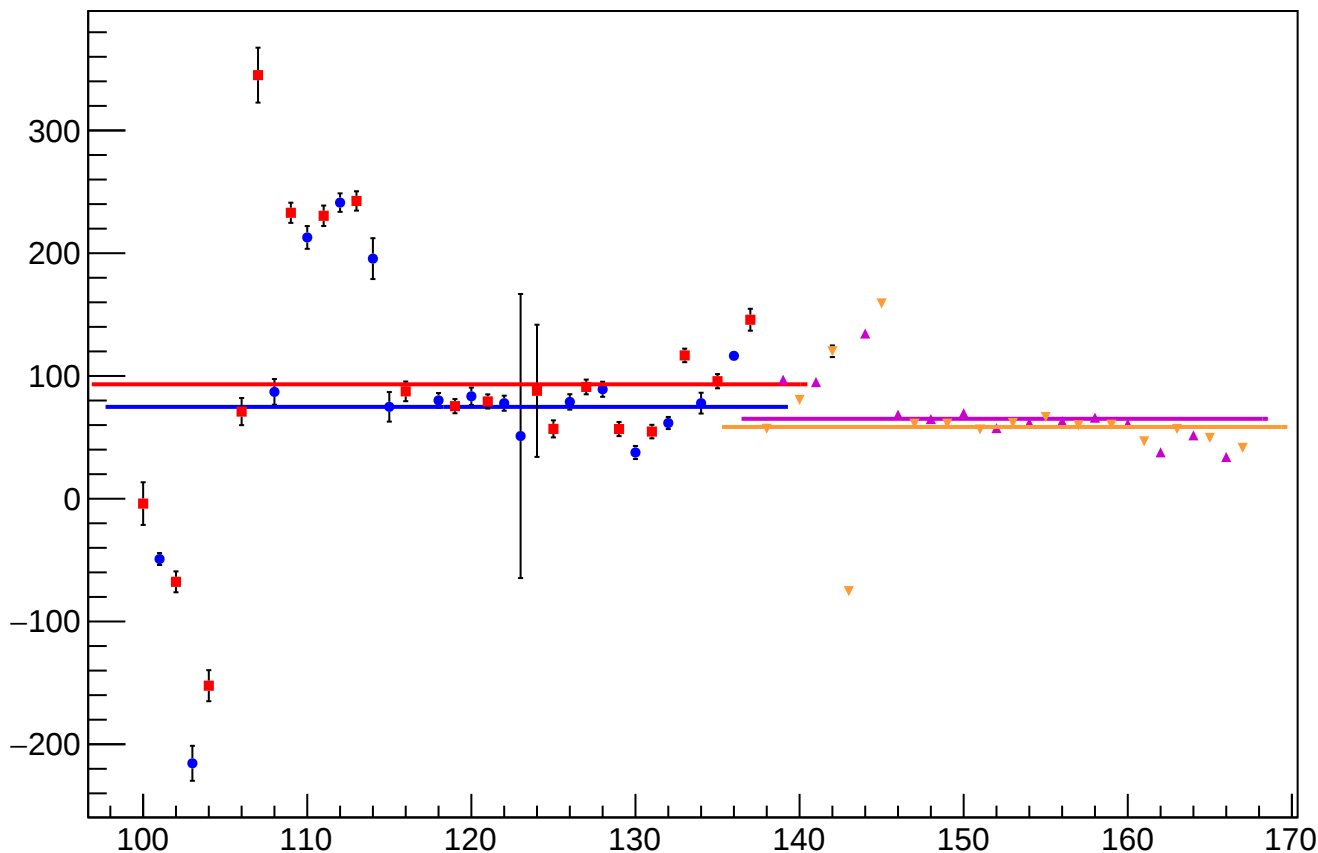
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 10.219 $\pm$ 0.444 χ^2 /NDF:797.5/30

Out: 9.558 $\pm$ 0.432 χ^2 /NDF:585.4/34

All: 9.880 $\pm$ 0.310 χ^2 /NDF: 1384.0/65

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 58.454+/-0.685 χ^2/NDF : 2437.1/15

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 65.102+/-0.710 χ^2/NDF : 1011.6/13

Left: 61.662+/-0.493 χ^2/NDF : 3494.1/29

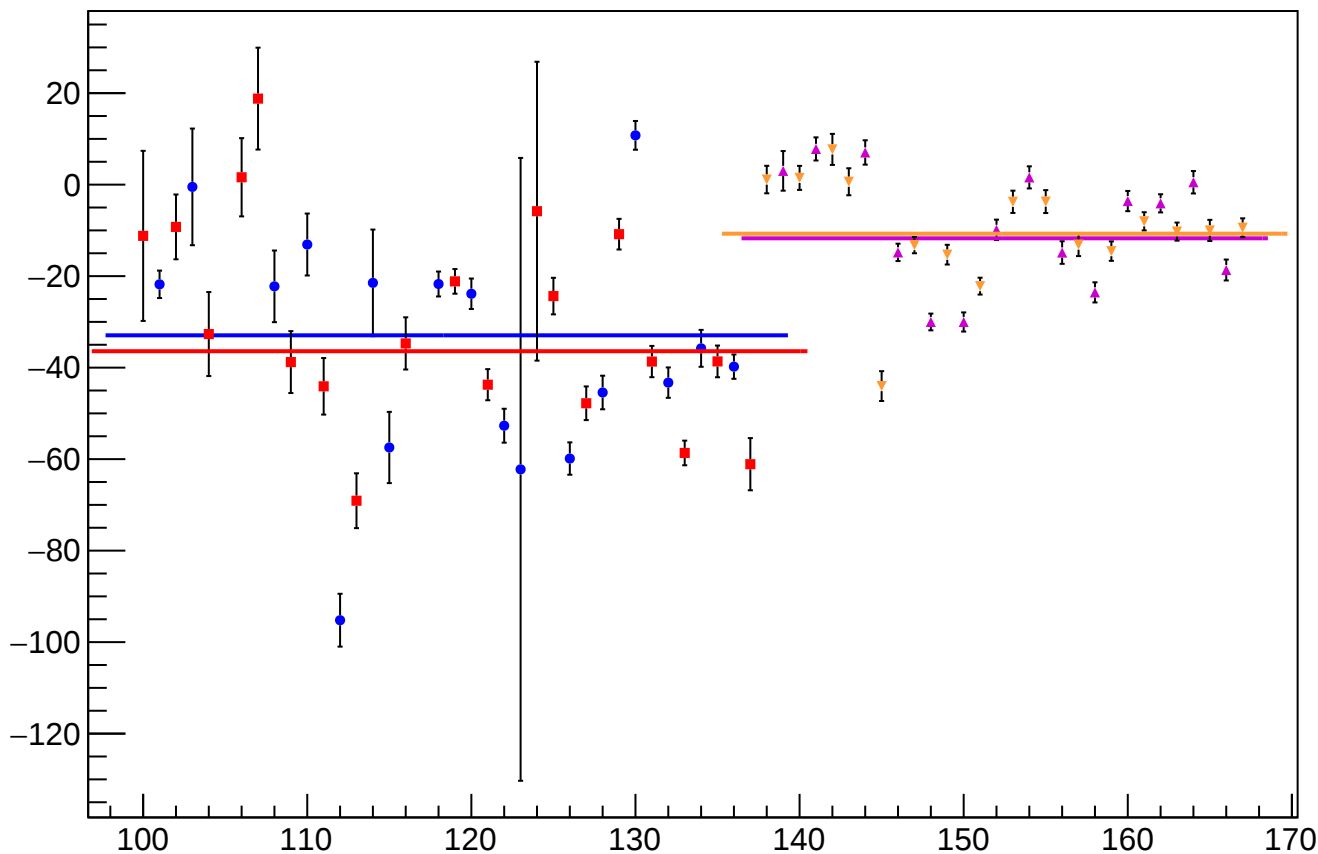
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 66.637+/-0.651 χ^2/NDF : 3038.1/30

Out: 63.254+/-0.636 χ^2/NDF : 4793.0/34

All: 64.906+/-0.455 χ^2/NDF : 7844.9/65

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: -10.718 ± 0.576 $\chi^2/\text{NDF}: 253.4/15$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -11.732 ± 0.607 $\chi^2/\text{NDF}: 424.1/13$

Left: -11.198 ± 0.418 $\chi^2/\text{NDF}: 679.0/29$

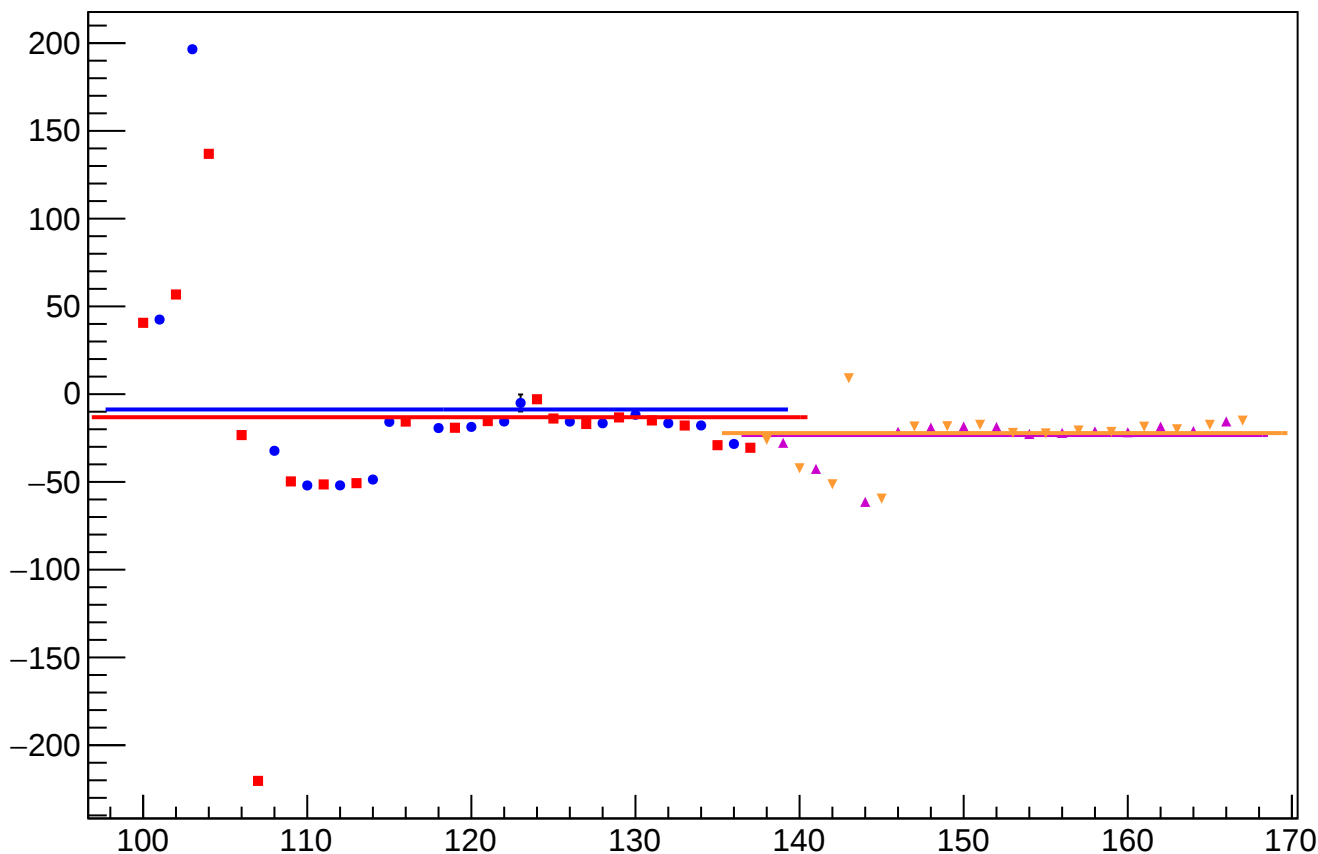
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -17.668 ± 0.515 $\chi^2/\text{NDF}: 1256.6/30$

Out: -16.877 ± 0.502 $\chi^2/\text{NDF}: 1026.1/34$

All: -17.262 ± 0.359 $\chi^2/\text{NDF}: 2283.9/65$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -22.180 ± 0.027 $\chi^2/\text{NDF}: 184311.3/15$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -23.290 ± 0.028 $\chi^2/\text{NDF}: 107683.7/13$

Left: -22.714 ± 0.019 $\chi^2/\text{NDF}: 292808.3/29$

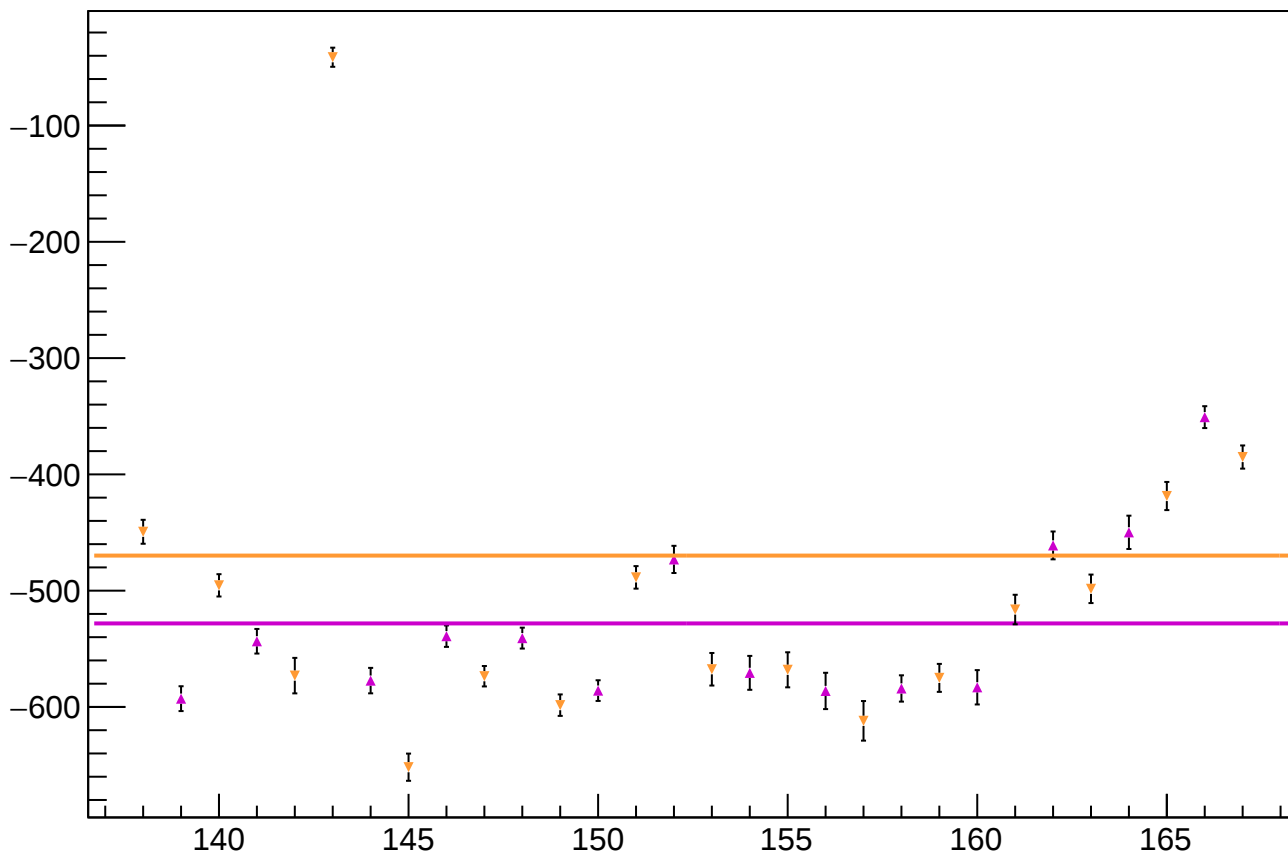
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.598 ± 0.025 $\chi^2/\text{NDF}: 733439.7/30$

Out: -20.729 ± 0.025 $\chi^2/\text{NDF}: 760949.5/34$

All: -20.665 ± 0.018 $\chi^2/\text{NDF}: 1494403.0/65$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -469.828 ± 2.756 χ^2/NDF : 3697.2/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -528.171 ± 2.955 χ^2/NDF : 604.2/13

Left: -496.967 ± 2.016 χ^2/NDF : 4509.9/29

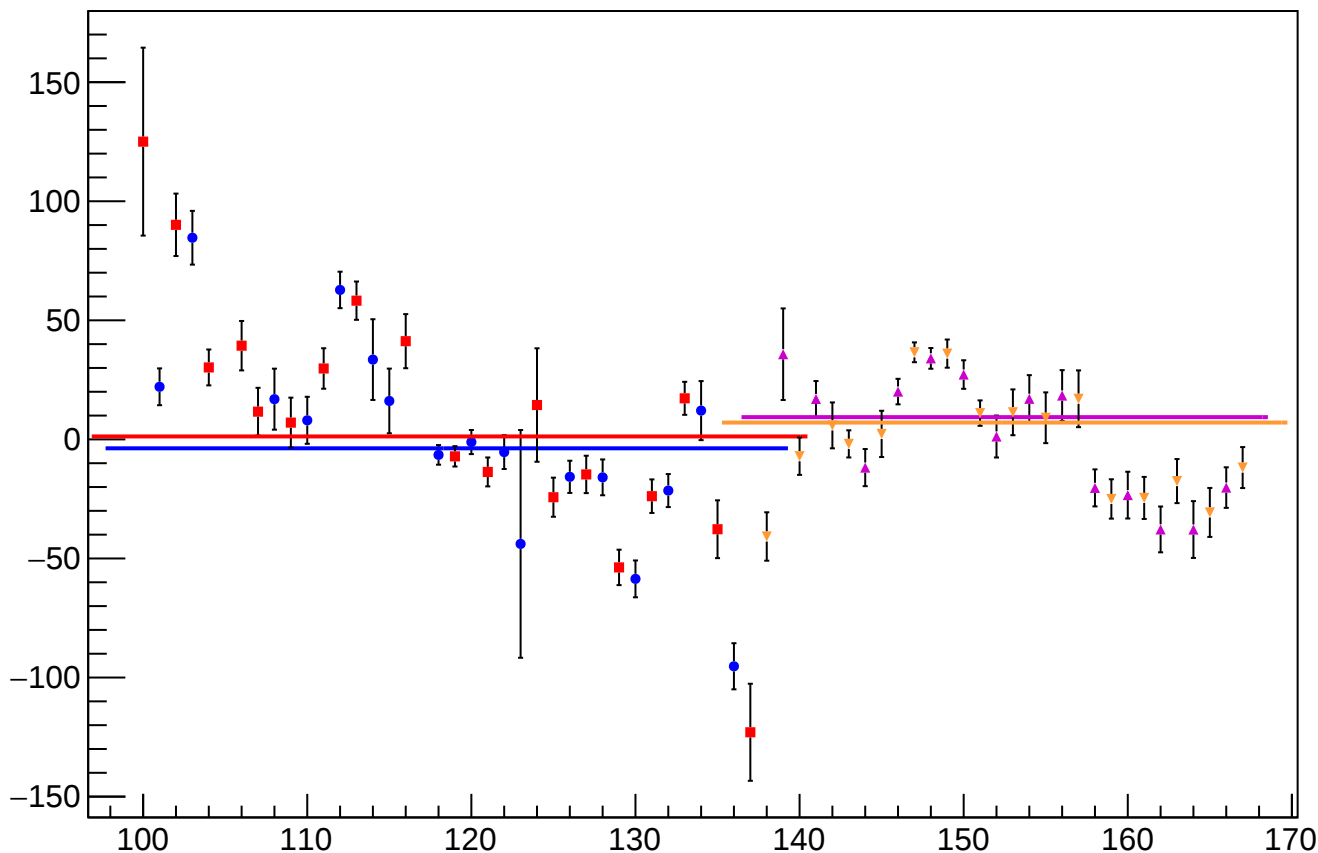
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -528.171 ± 2.955 χ^2/NDF : 604.2/13

Out: -469.828 ± 2.756 χ^2/NDF : 3697.2/15

All: -496.967 ± 2.016 χ^2/NDF : 4509.9/29

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.069 ± 1.863 χ^2/NDF : 157.1/15

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 9.350 ± 2.031 χ^2/NDF : 135.0/13

Left: 8.111 ± 1.373 χ^2/NDF : 292.8/29

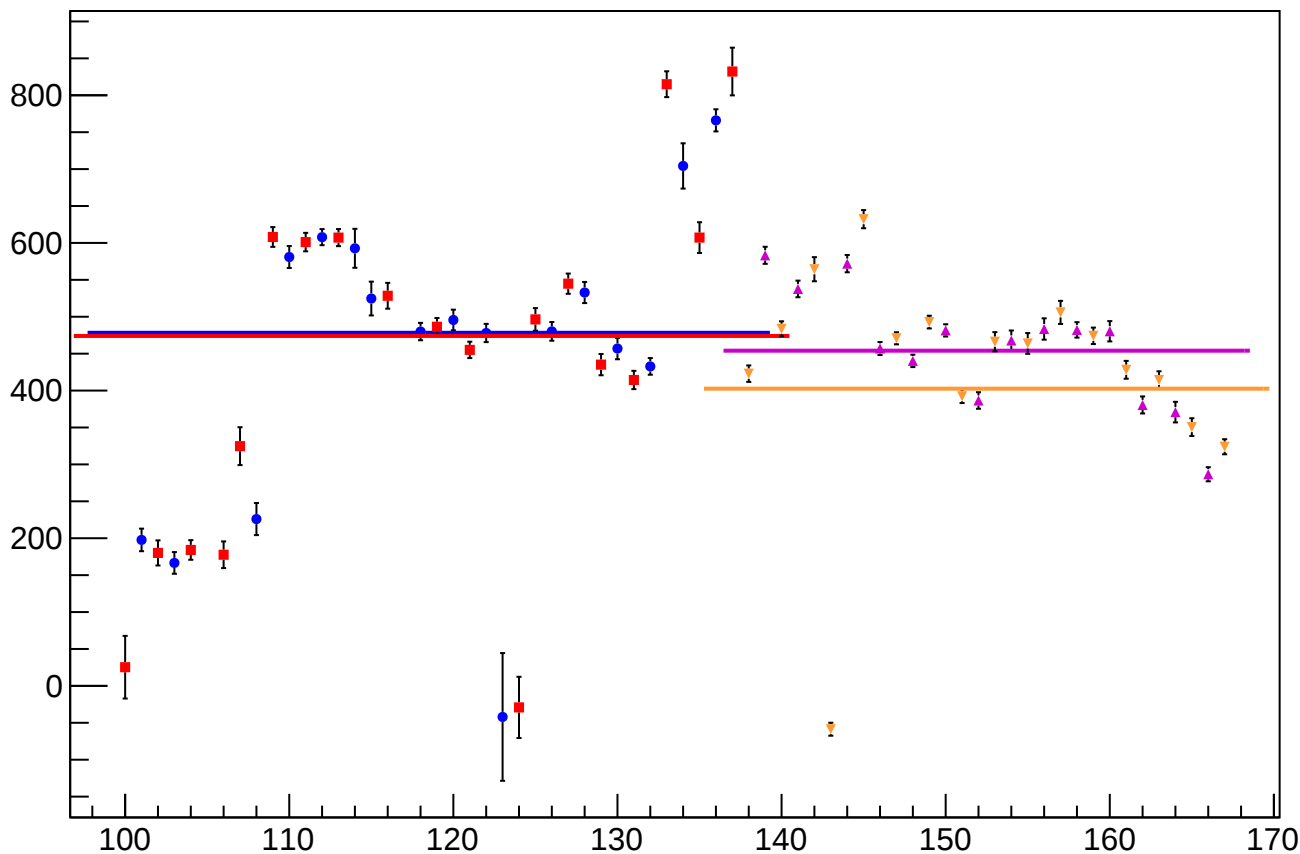
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.341 ± 1.384 χ^2/NDF : 471.4/30

Out: 4.237 ± 1.335 χ^2/NDF : 465.4/34

All: 3.323 ± 0.961 χ^2/NDF : 937.7/65

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 402.588+/-2.726 χ^2/NDF : 3667.5/15

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 454.036+/-2.883 χ^2/NDF : 728.8/13

Left: 426.873+/-1.981 χ^2/NDF : 4564.4/29

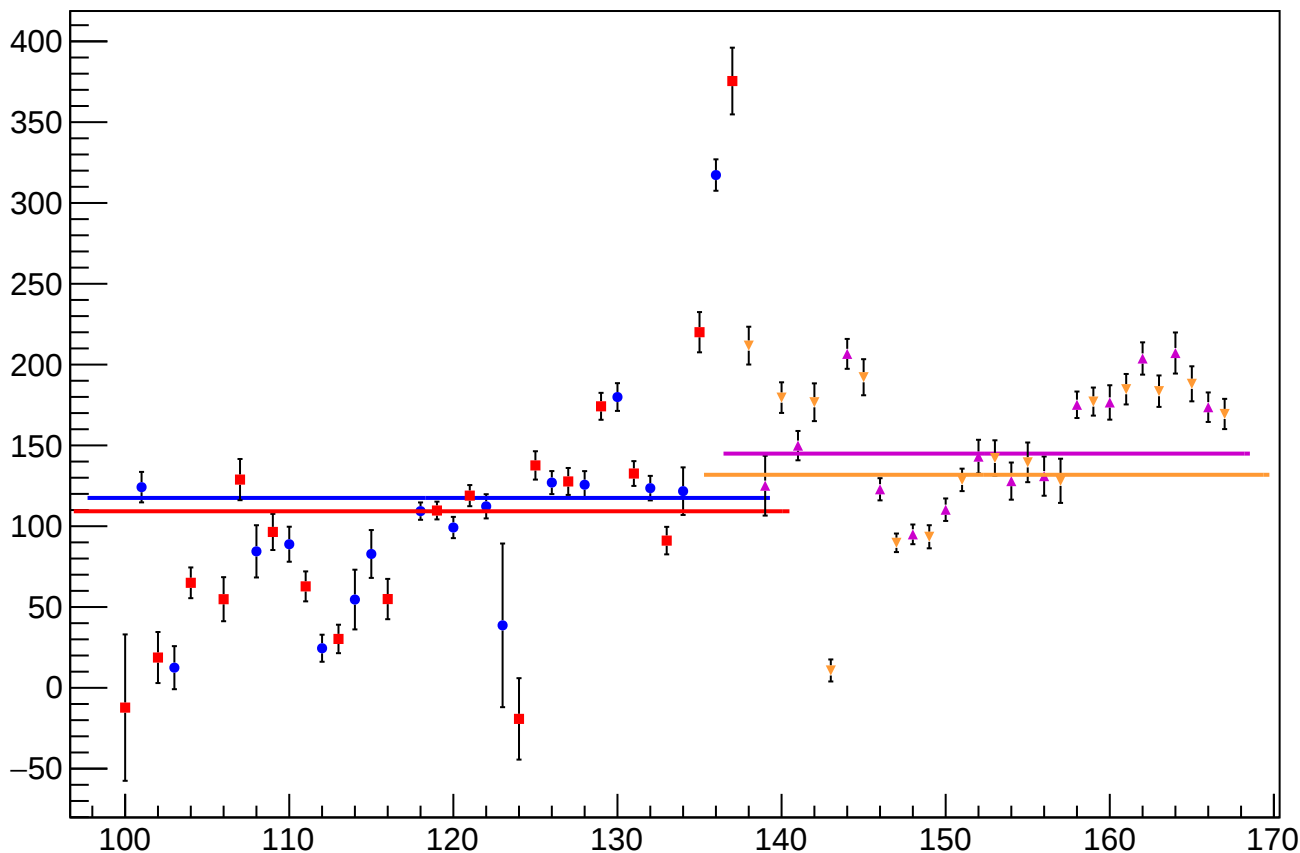
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 463.383+/-2.260 χ^2/NDF : 2383.9/30

Out: 429.267+/-2.157 χ^2/NDF : 6212.1/34

All: 445.536+/-1.560 χ^2/NDF : 8715.3/65

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 131.821 ± 2.228 $\chi^2/\text{NDF}: 645.9/15$

Right Out: 109.247 ± 2.206 $\chi^2/\text{NDF}: 569.4/18$

Left In: 144.923 ± 2.418 $\chi^2/\text{NDF}: 243.0/13$

Left: 137.839 ± 1.639 $\chi^2/\text{NDF}: 904.8/29$

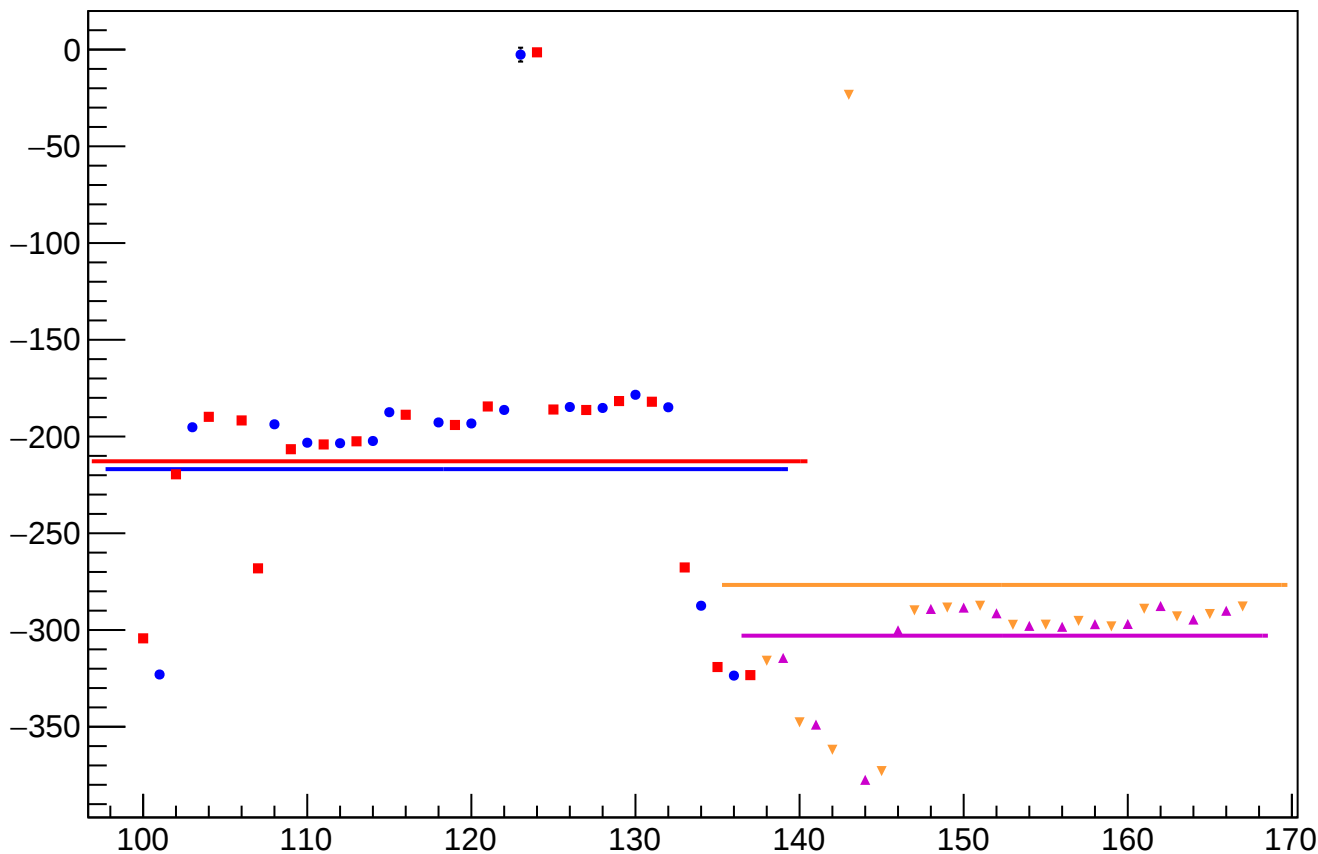
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 129.909 ± 1.626 $\chi^2/\text{NDF}: 1019.4/30$

Out: 120.419 ± 1.568 $\chi^2/\text{NDF}: 1267.1/34$

All: 124.990 ± 1.129 $\chi^2/\text{NDF}: 2304.2/65$

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: -276.699 ± 0.110 $\chi^2/\text{NDF}: 620602.7/15$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -302.928 ± 0.116 $\chi^2/\text{NDF}: 38829.6/13$

Left: -289.112 ± 0.080 $\chi^2/\text{NDF}: 686376.8/29$

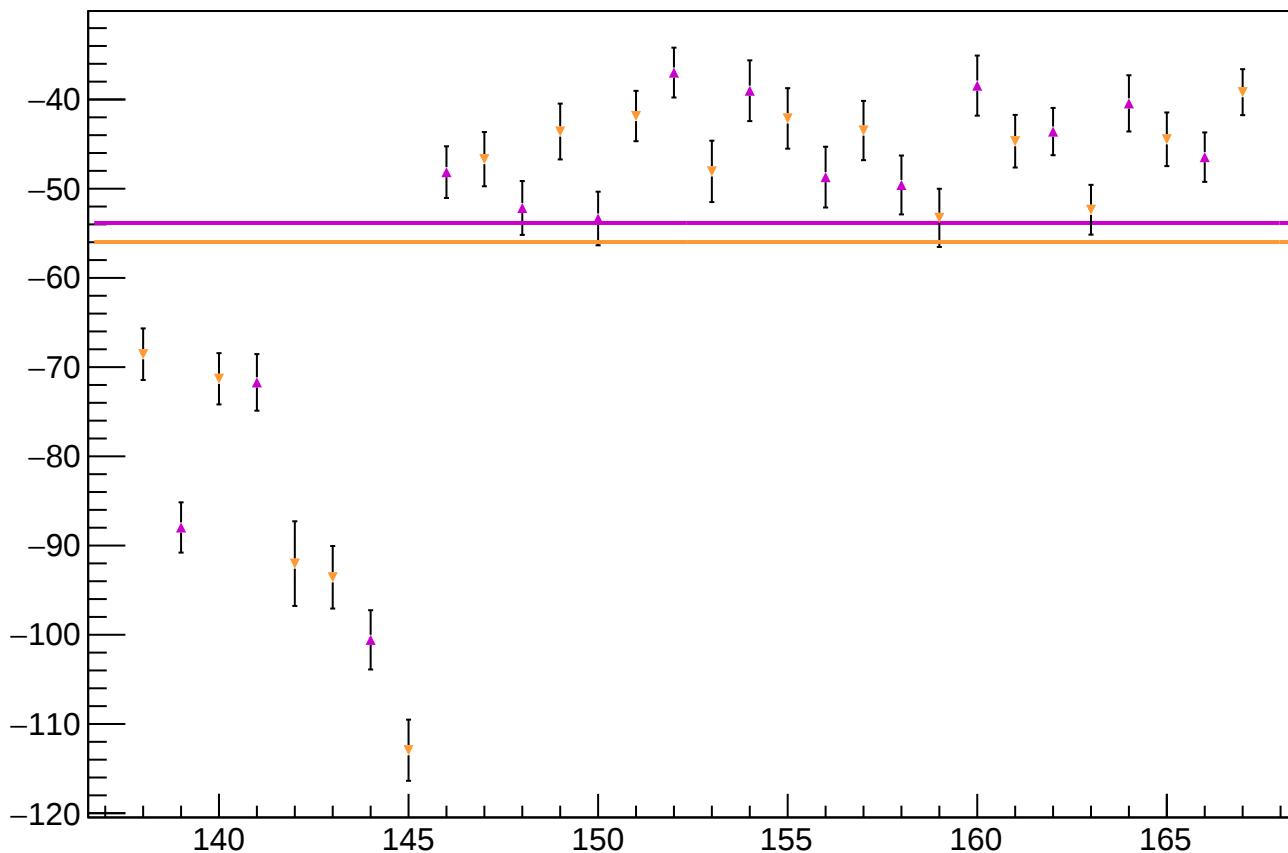
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -266.646 ± 0.088 $\chi^2/\text{NDF}: 417948.5/30$

Out: -250.073 ± 0.084 $\chi^2/\text{NDF}: 878020.8/34$

All: -257.950 ± 0.061 $\chi^2/\text{NDF}: 1314491.5/65$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



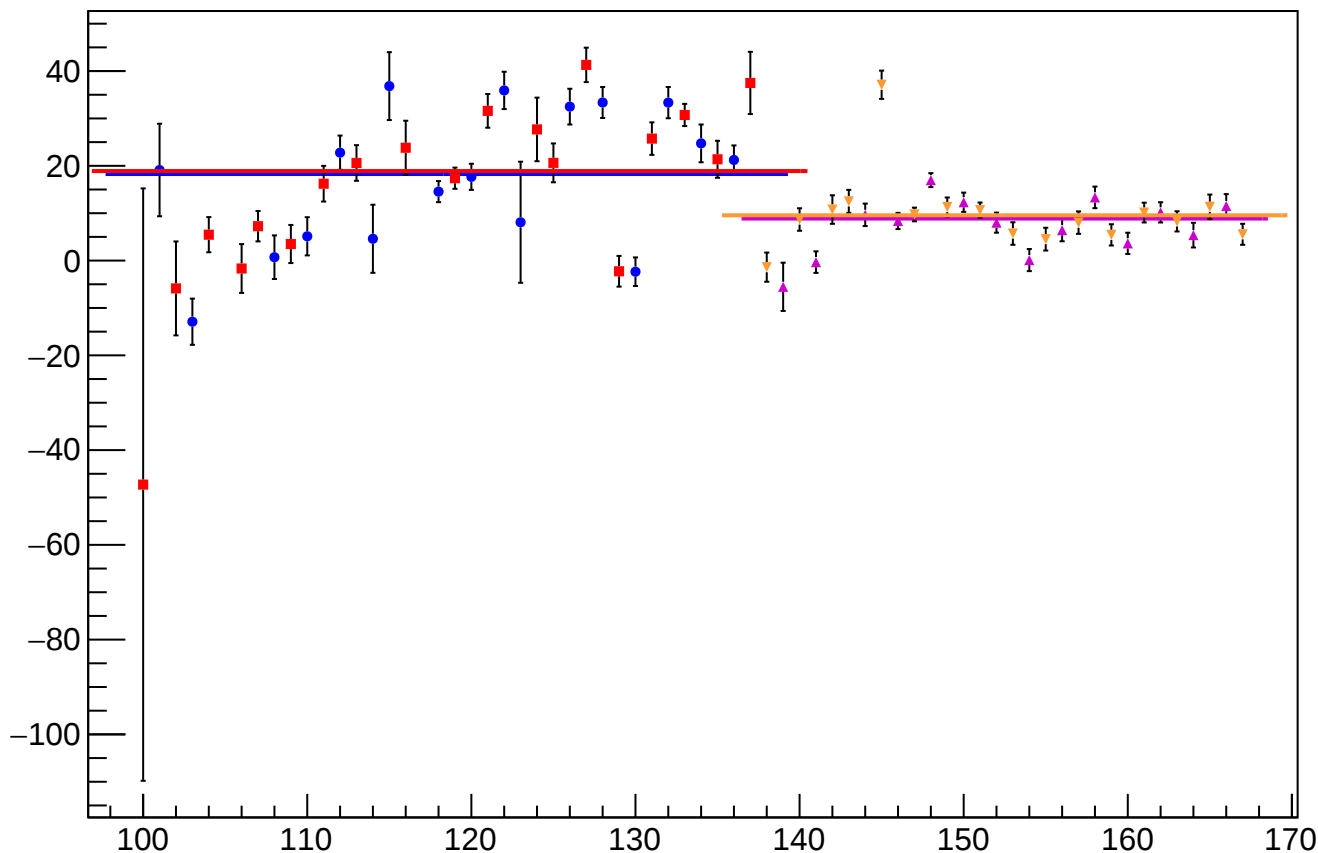
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -55.972 ± 0.779 $\chi^2/\text{NDF}: 656.4/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -53.840 ± 0.814 $\chi^2/\text{NDF}: 501.1/13$

Left: -54.953 ± 0.563 $\chi^2/\text{NDF}: 1161.1/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -53.840 ± 0.814 $\chi^2/\text{NDF}: 501.1/13$
 Out: -55.972 ± 0.779 $\chi^2/\text{NDF}: 656.4/15$

All: -54.953 ± 0.563 $\chi^2/\text{NDF}: 1161.1/29$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.562 ± 0.549 χ^2/NDF : 116.0/15

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.868 ± 0.581 χ^2/NDF : 85.8/13

Left: 9.235 ± 0.399 χ^2/NDF : 202.6/29

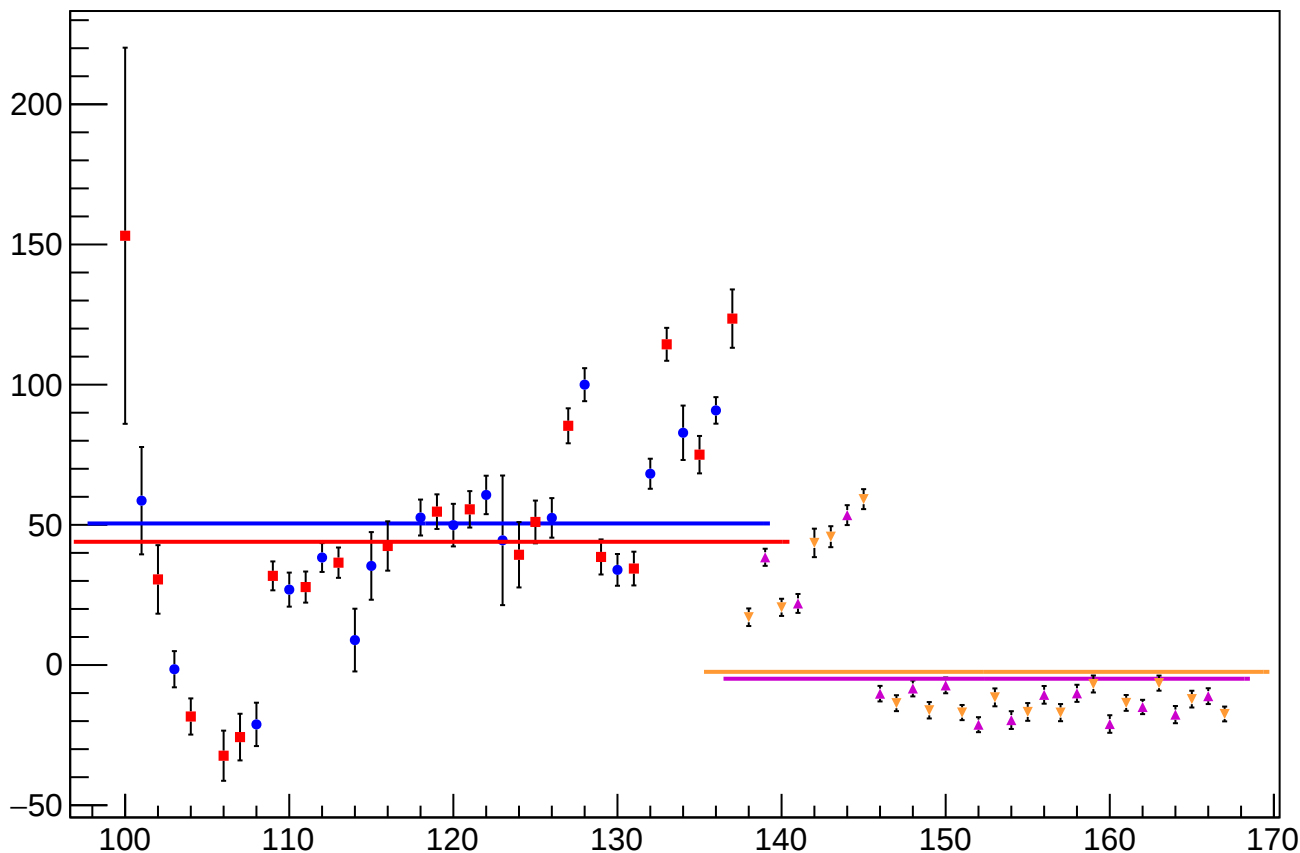
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.605 ± 0.489 χ^2/NDF : 370.3/30

Out: 12.244 ± 0.463 χ^2/NDF : 398.4/34

All: 11.942 ± 0.336 χ^2/NDF : 769.6/65

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -2.430 $\pm$ 0.765 χ^2 /NDF:822.7/15

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -4.887 $\pm$ 0.793 χ^2 /NDF:670.9/13

Left: -3.615 $\pm$ 0.551 χ^2 /NDF: 1498.7/29

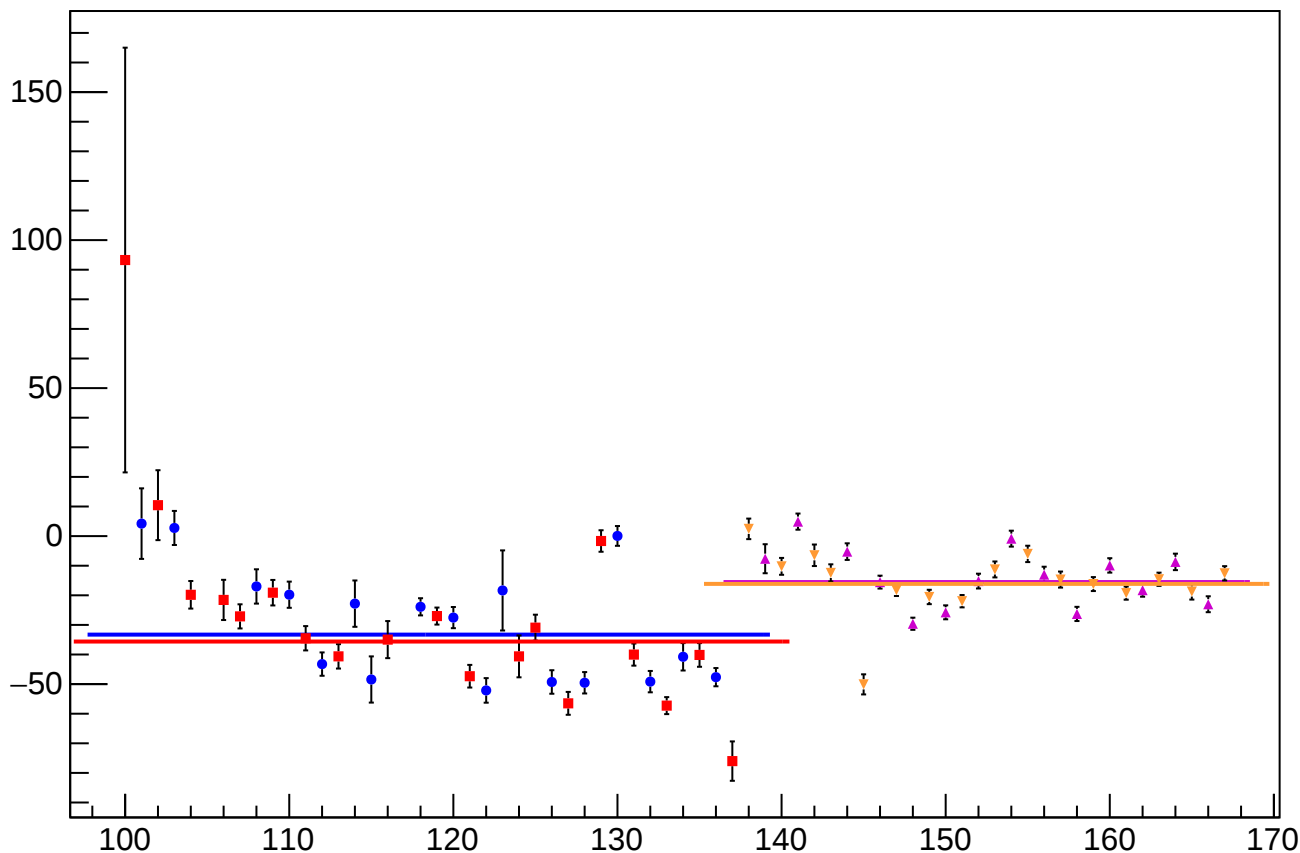
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 5.292 $\pm$ 0.716 χ^2 /NDF:1930.9/30

Out: 6.174 $\pm$ 0.690 χ^2 /NDF:2039.0/34

All: 5.749 $\pm$ 0.497 χ^2 /NDF: 3970.7/65

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.139 ± 0.641 χ^2/NDF : 176.4/15

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.529 ± 0.677 χ^2/NDF : 209.1/13

Left: -15.851 ± 0.466 χ^2/NDF : 385.9/29

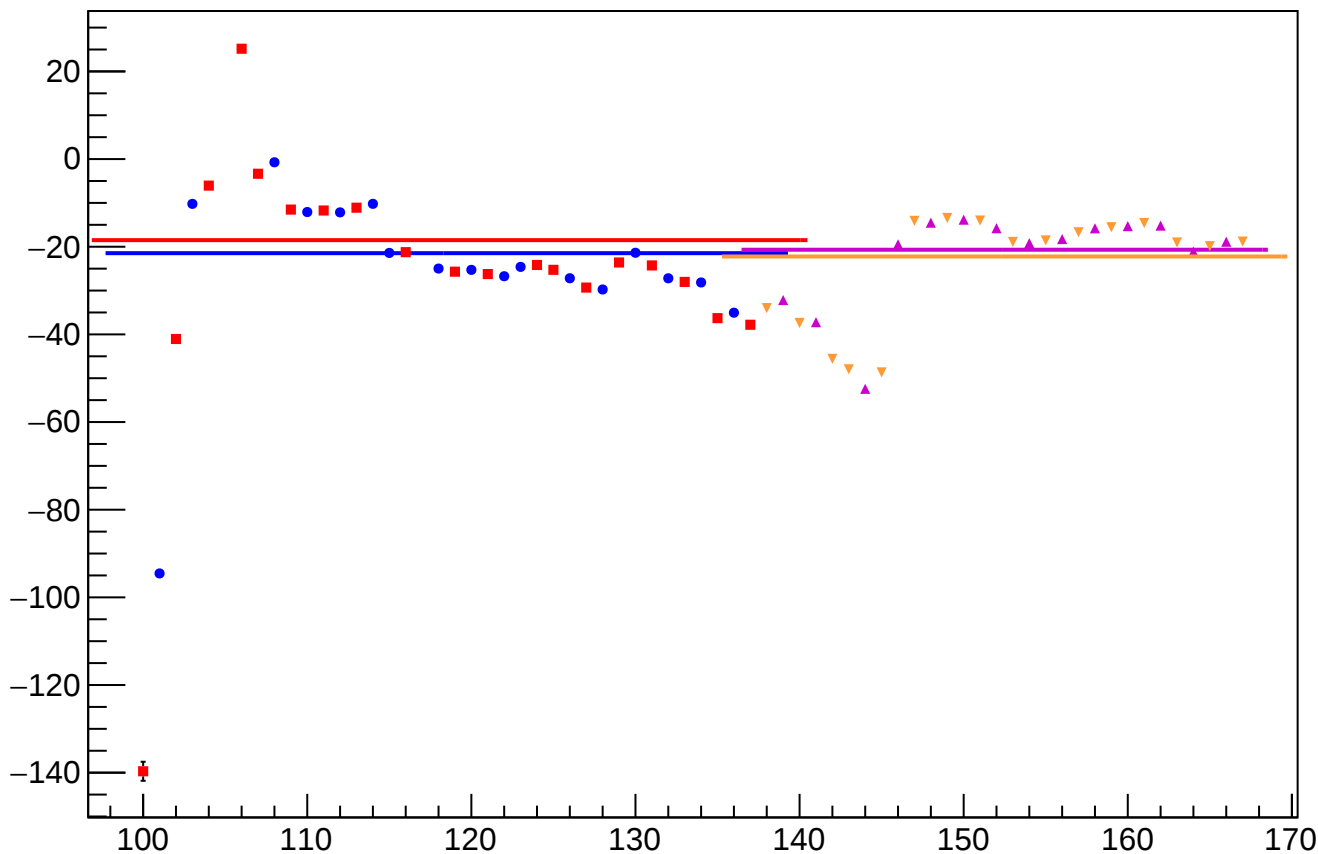
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.851 ± 0.567 χ^2/NDF : 708.1/30

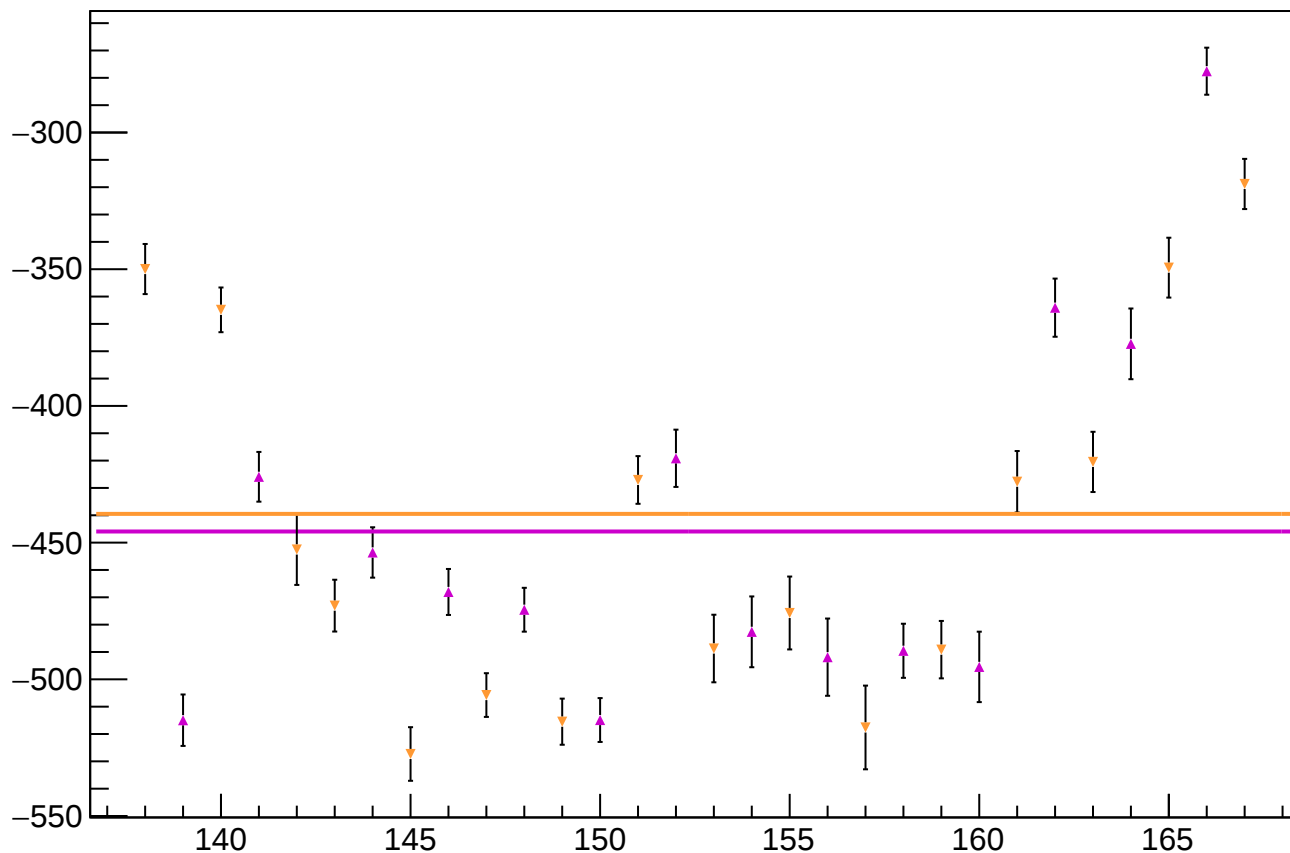
Out: -21.878 ± 0.539 χ^2/NDF : 735.8/34

All: -21.391 ± 0.390 χ^2/NDF : 1445.7/65

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -439.490+/-2.507 χ^2/NDF : 740.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.930+/-2.626 χ^2/NDF : 682.4/13

Left: -442.561+/-1.813 χ^2/NDF : 1426.3/29

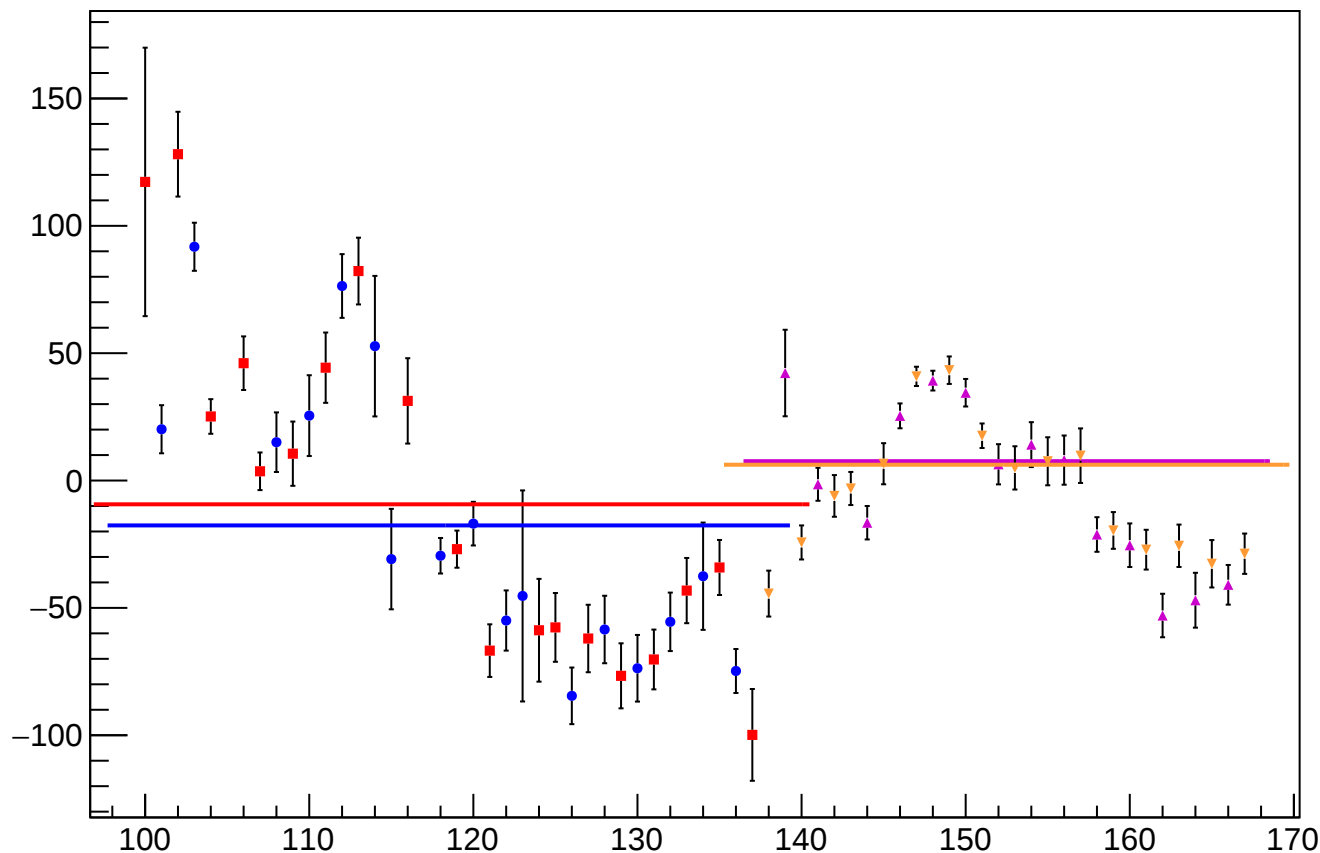
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.930+/-2.626 χ^2/NDF : 682.4/13

Out: -439.490+/-2.507 χ^2/NDF : 740.8/15

All: -442.561+/-1.813 χ^2/NDF : 1426.3/29

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 6.206 ± 1.697 χ^2/NDF : 276.2/15

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 7.602 ± 1.806 χ^2/NDF : 272.2/13

Left: 6.861 ± 1.237 χ^2/NDF : 548.7/29

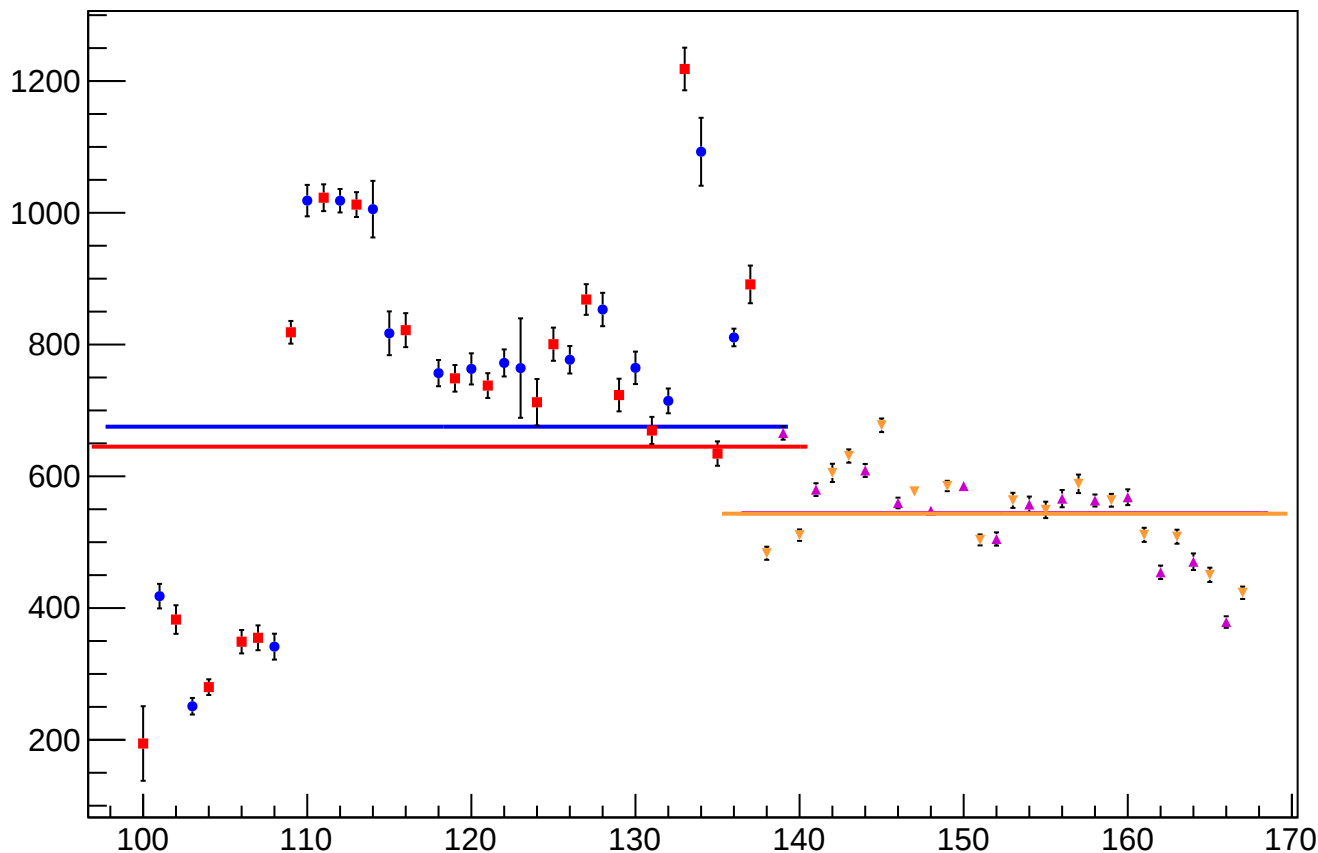
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: 0.143 ± 1.515 χ^2/NDF : 692.0/30

Out: 1.589 ± 1.423 χ^2/NDF : 667.5/34

All: 0.911 ± 1.037 χ^2/NDF : 1360.0/65

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.273+/-2.475 χ^2/NDF : 659.6/15

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 544.170+/-2.564 χ^2/NDF : 728.5/13

Left: 543.706+/-1.781 χ^2/NDF : 1388.1/29

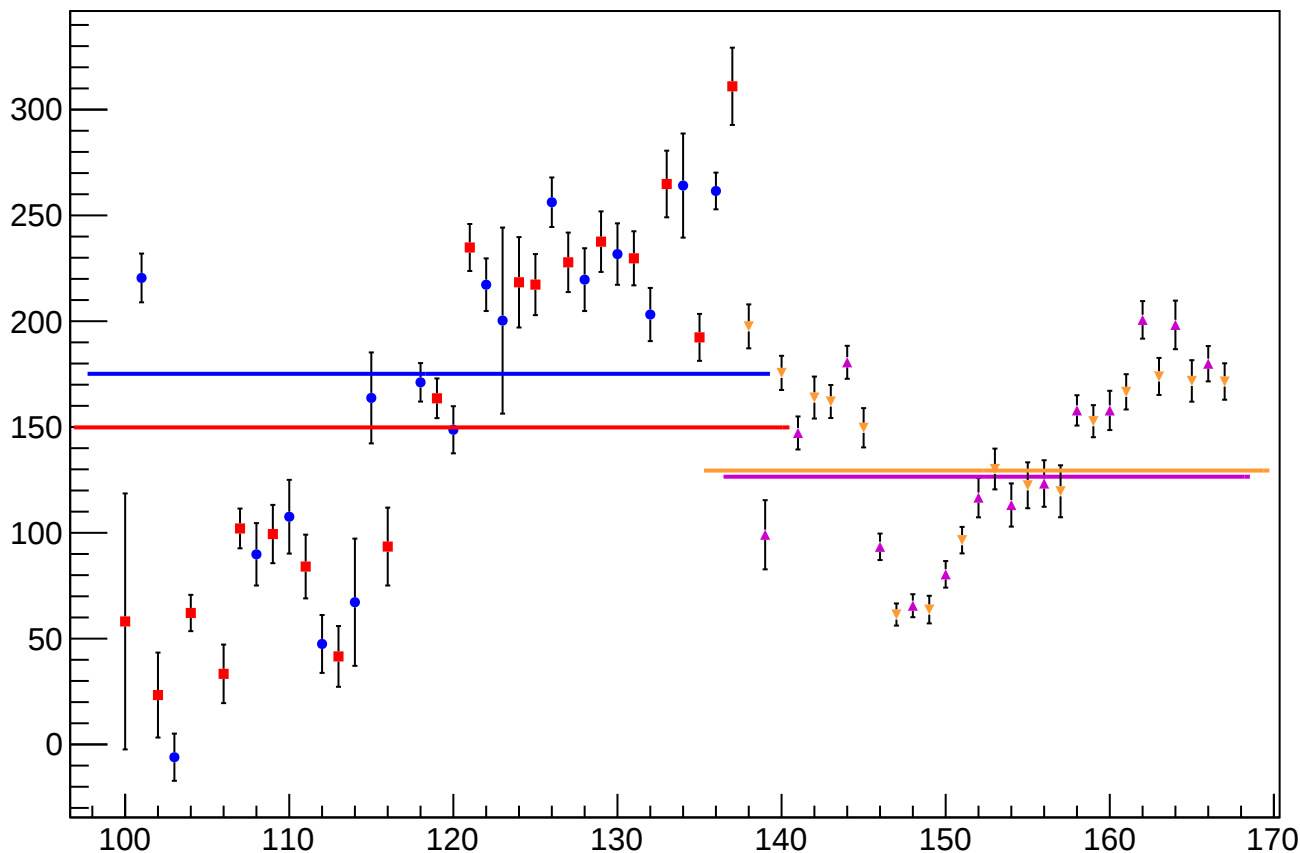
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 571.094+/-2.286 χ^2/NDF : 3848.3/30

Out: 564.946+/-2.196 χ^2/NDF : 4142.3/34

All: 567.896+/-1.584 χ^2/NDF : 7994.3/65

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: 129.431 $\pm$ 2.029 χ^2 /NDF:507.3/15

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 126.520 $\pm$ 2.149 χ^2 /NDF:449.2/13

Left: 128.059 $\pm$ 1.475 χ^2 /NDF: 957.5/29

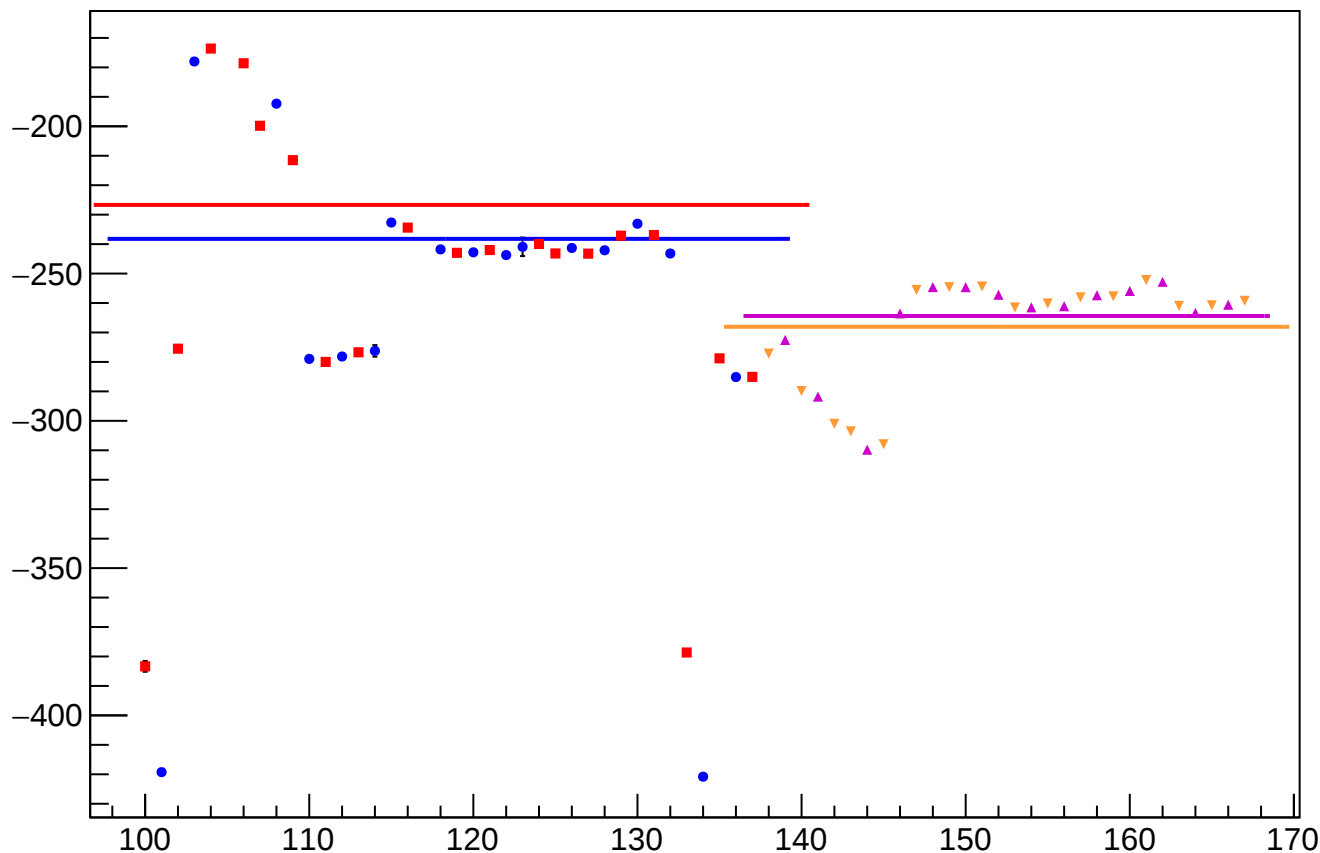
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 141.568 $\pm$ 1.785 χ^2 /NDF:1243.3/30

Out: 135.709 $\pm$ 1.688 χ^2 /NDF:1226.9/34

All: 138.474 $\pm$ 1.226 χ^2 /NDF: 2475.9/65

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 $\pm$ 0.160 χ^2 /NDF: 167098.2/16

Left Out: -268.068 $\pm$ 0.100 χ^2 /NDF: 33283.8/15

Right Out: -226.696 $\pm$ 0.151 χ^2 /NDF: 102814.8/18

Left In: -264.397 $\pm$ 0.103 χ^2 /NDF: 20565.3/13

Left: -266.292 $\pm$ 0.072 χ^2 /NDF: 54504.3/29

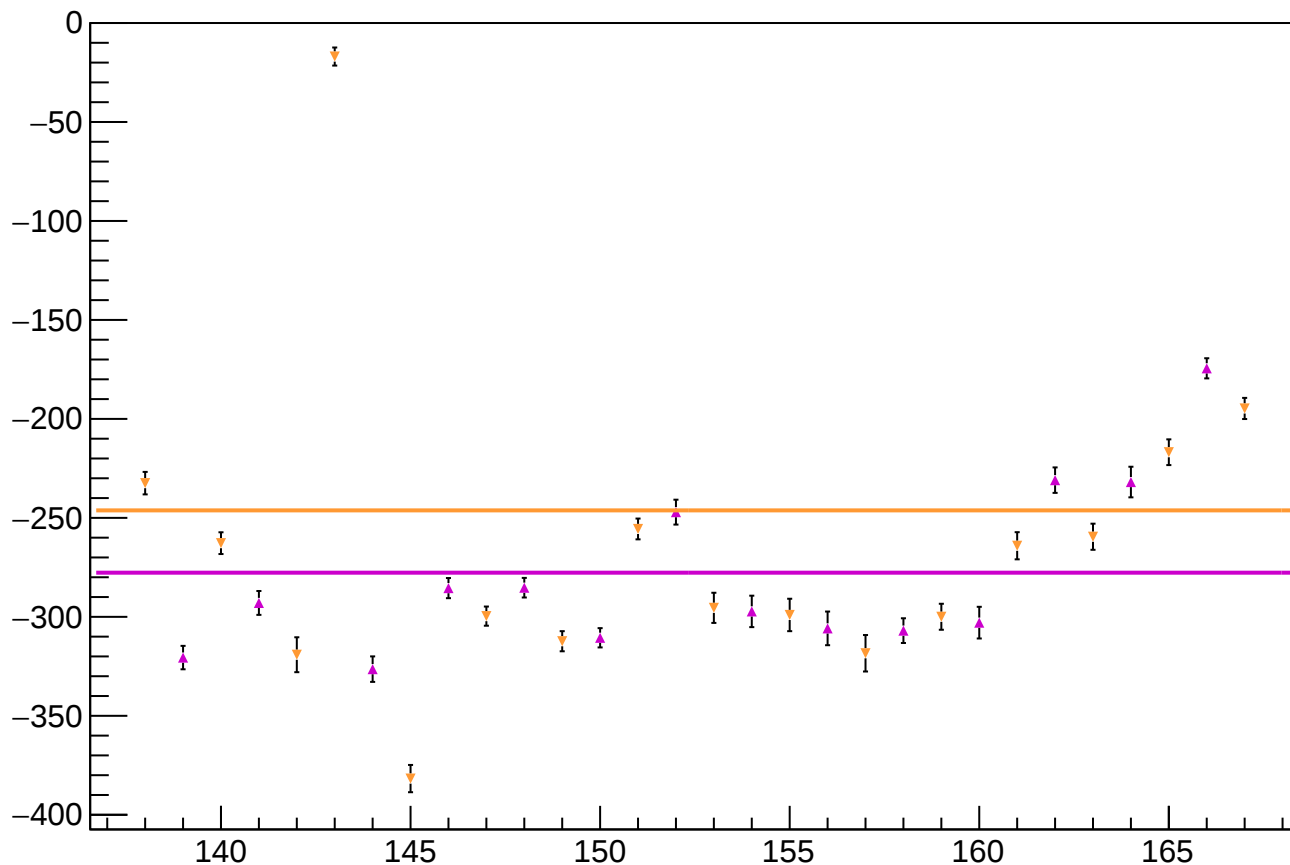
Right: -232.123 $\pm$ 0.110 χ^2 /NDF: 272653.1/35

In: -256.727 $\pm$ 0.087 χ^2 /NDF: 206578.3/30

Out: -255.504 $\pm$ 0.083 χ^2 /NDF: 188333.5/34

All: -256.091 $\pm$ 0.060 χ^2 /NDF: 395015.2/65

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: -246.215+/-1.518 χ^2/NDF :3625.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -277.692+/-1.628 χ^2/NDF :738.9/13

Left: -260.861+/-1.110 χ^2/NDF : 4564.0/29

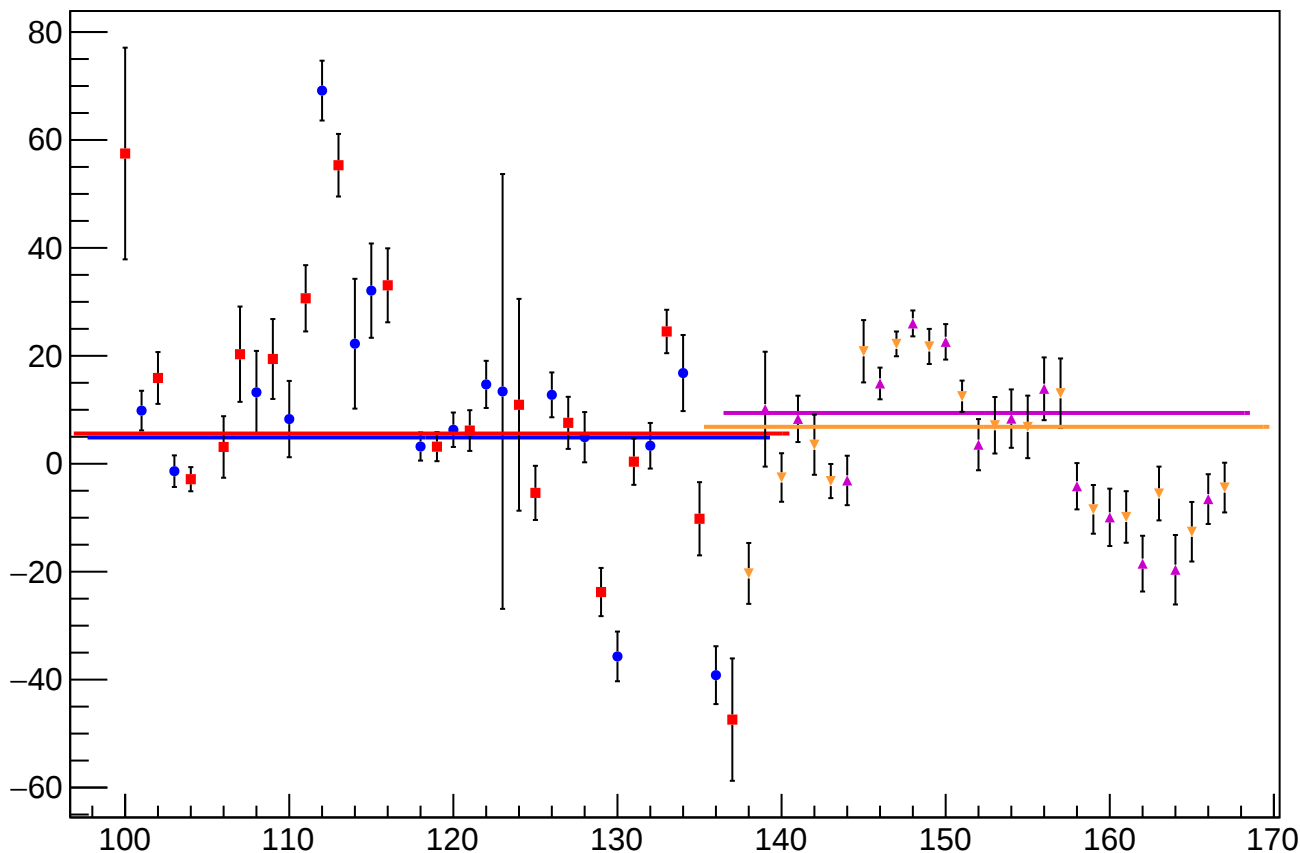
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.692+/-1.628 χ^2/NDF :738.9/13

Out: -246.215+/-1.518 χ^2/NDF :3625.1/15

All: -260.861+/-1.110 χ^2/NDF : 4564.0/29

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 6.846 ± 1.026 χ^2/NDF : 162.6/15

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 9.413 ± 1.118 χ^2/NDF : 161.9/13

Left: 8.019 ± 0.756 χ^2/NDF : 327.4/29

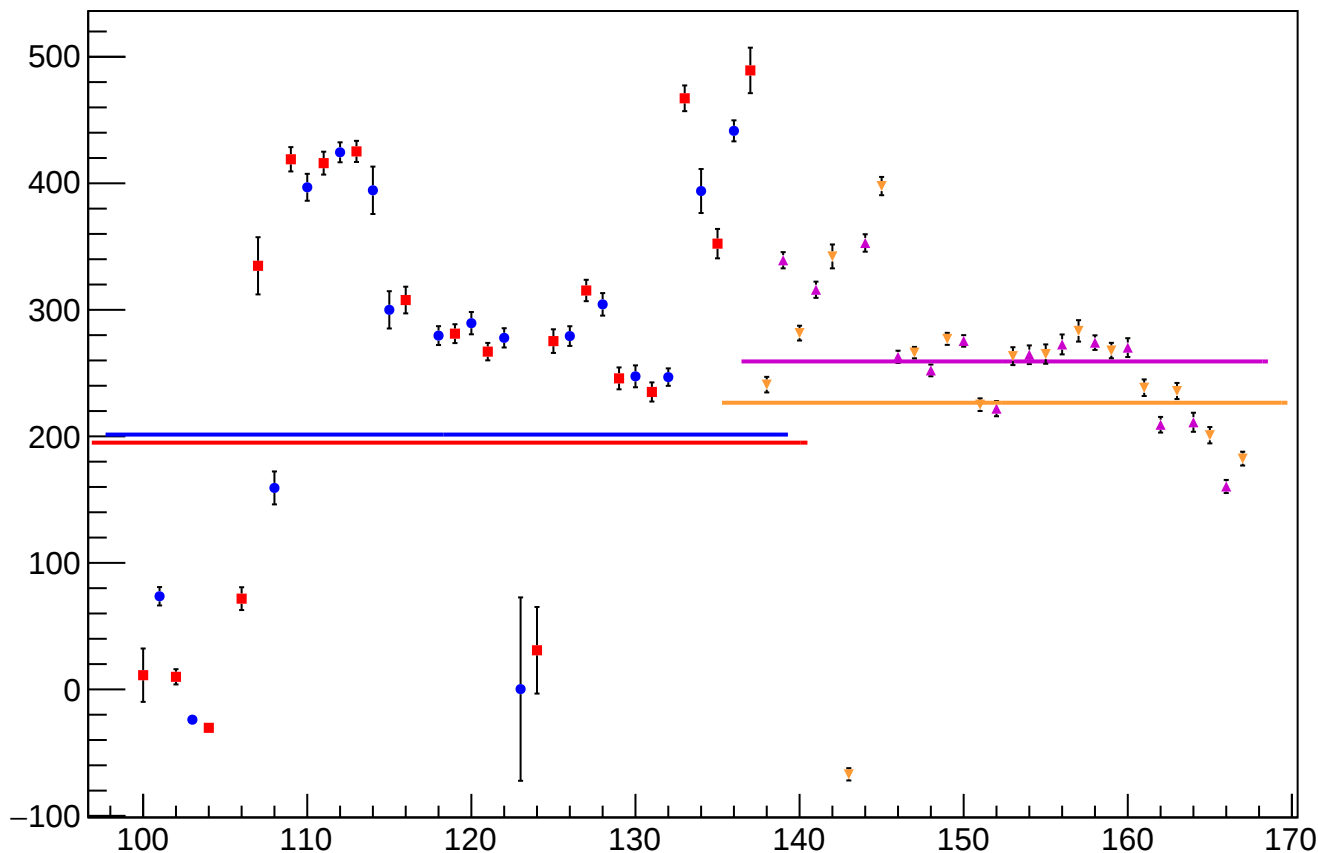
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 7.085 ± 0.781 χ^2/NDF : 481.9/30

Out: 6.251 ± 0.740 χ^2/NDF : 401.9/34

All: 6.646 ± 0.537 χ^2/NDF : 884.4/65

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 226.575 $\pm$ 1.499 χ^2 /NDF:4866.9/15

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 259.221 $\pm$ 1.586 χ^2 /NDF:954.7/13

Left: 241.986 $\pm$ 1.089 χ^2 /NDF: 6045.4/29

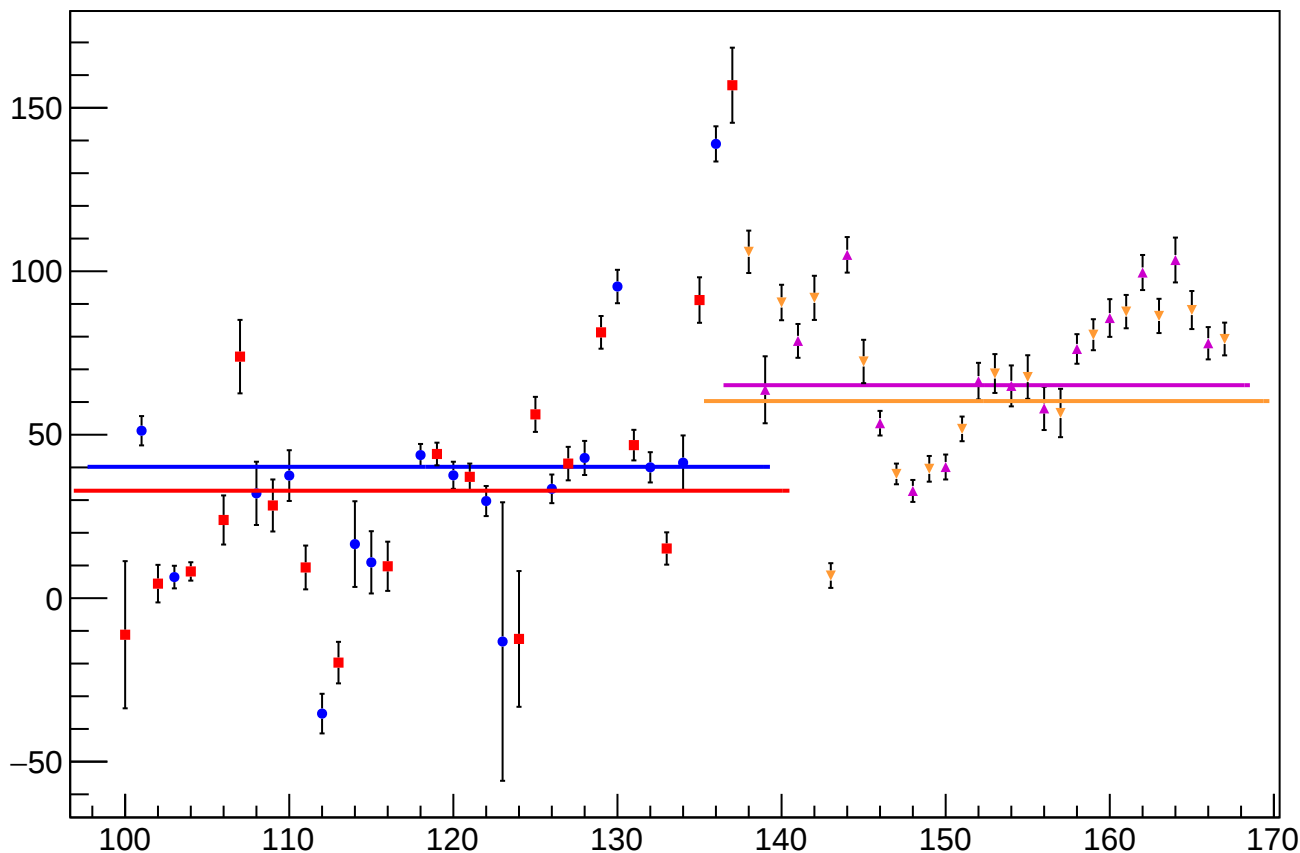
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 236.544 $\pm$ 1.236 χ^2 /NDF:8216.6/30

Out: 214.648 $\pm$ 1.182 χ^2 /NDF:13289.0/34

All: 225.110 $\pm$ 0.854 χ^2 /NDF: 21669.4/65

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 60.293+/-1.226 χ^2/NDF : 500.1/15

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 65.152+/-1.331 χ^2/NDF : 305.0/13

Left: 62.524+/-0.902 χ^2/NDF : 812.4/29

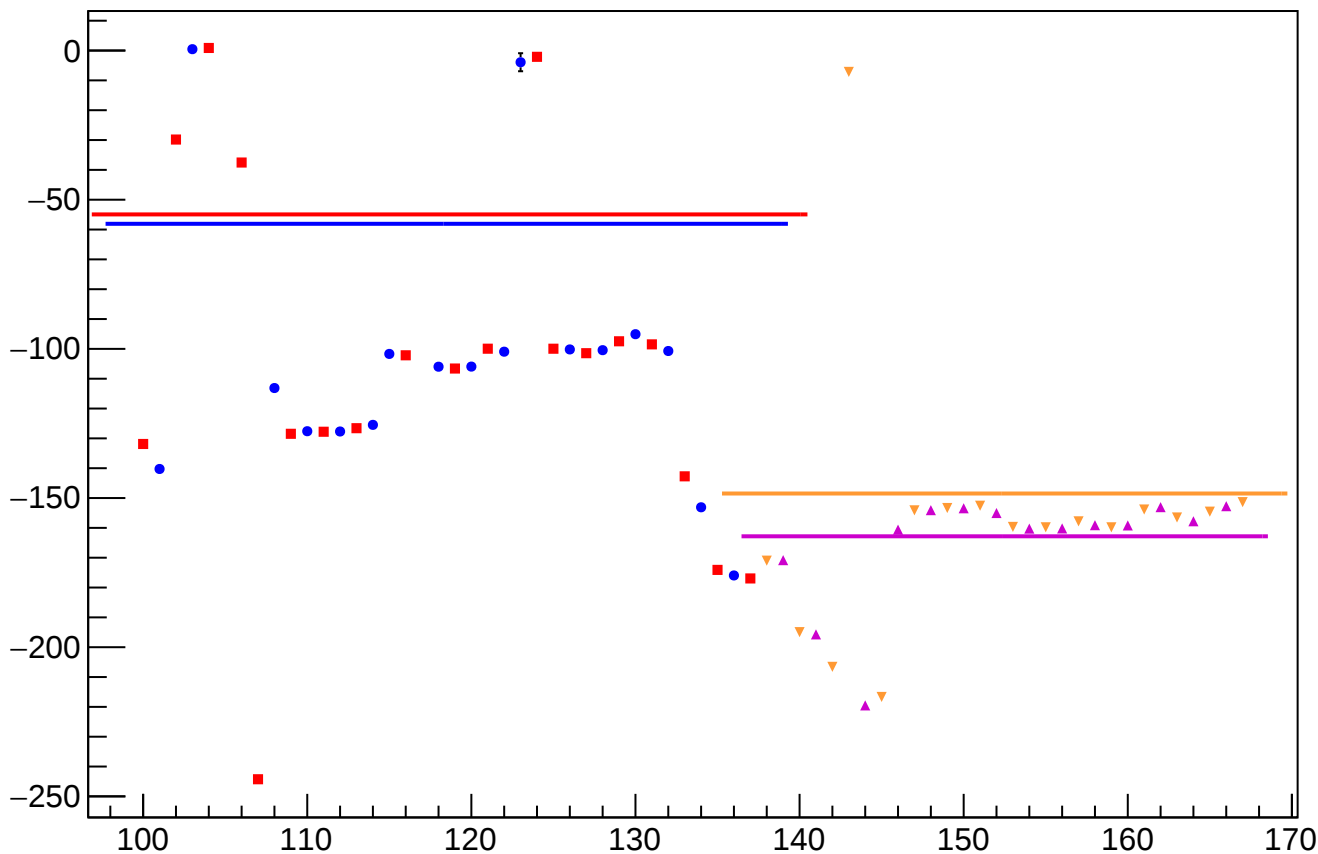
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.083+/-0.919 χ^2/NDF : 1223.3/30

Out: 46.856+/-0.876 χ^2/NDF : 1296.2/34

All: 49.344+/-0.634 χ^2/NDF : 2536.5/65

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -148.481 $\pm$ 0.060 χ^2 /NDF: 656912.1/15

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -162.824 $\pm$ 0.064 χ^2 /NDF: 62471.8/13

Left: -155.267 $\pm$ 0.044 χ^2 /NDF: 746070.7/29

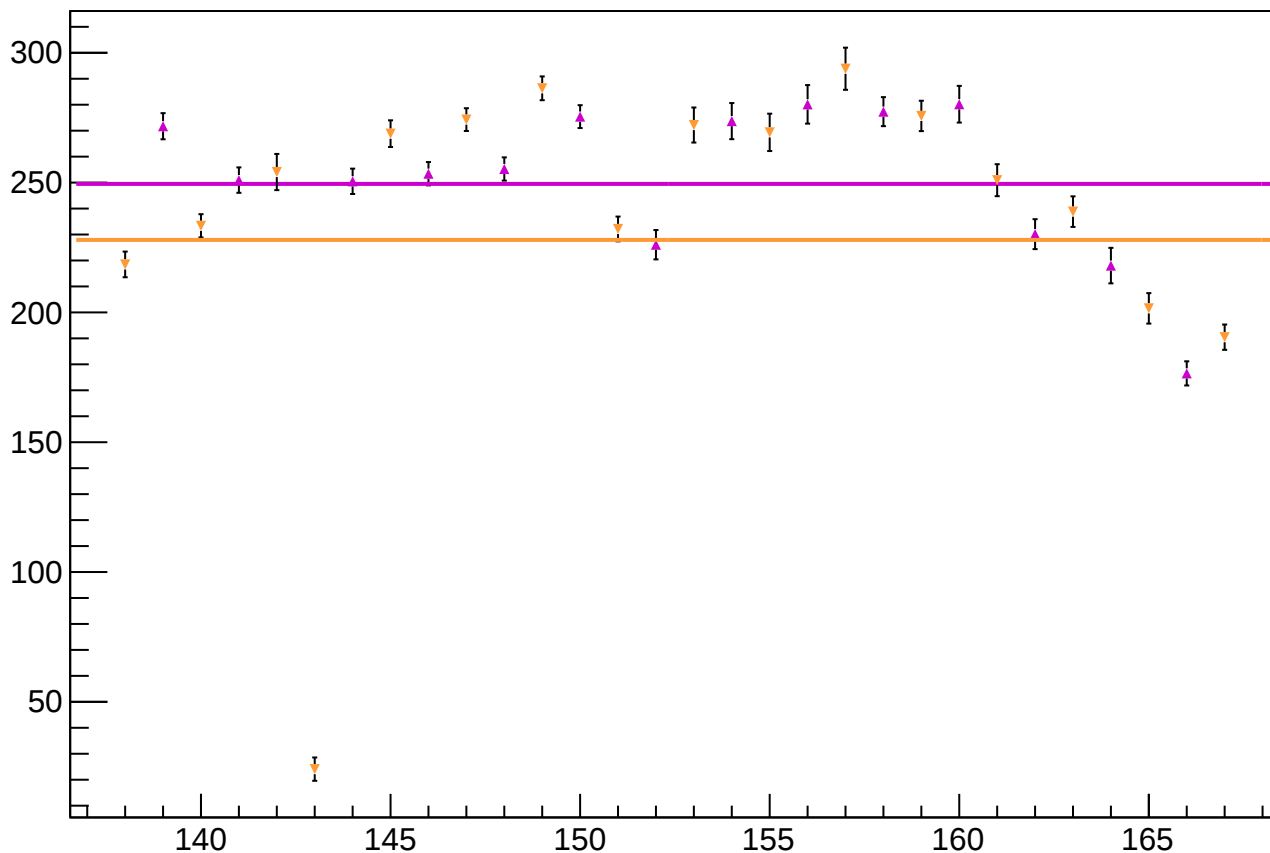
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -108.689 $\pm$ 0.044 χ^2 /NDF: 2563093.0/30

Out: -101.560 $\pm$ 0.043 χ^2 /NDF: 2864494.6/34

All: -104.988 $\pm$ 0.031 χ^2 /NDF: 5441031.2/65

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.927+/-1.343 χ^2/NDF :2723.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.496+/-1.423 χ^2/NDF :425.4/13

Left: 238.089+/-0.977 χ^2/NDF : 3270.1/29

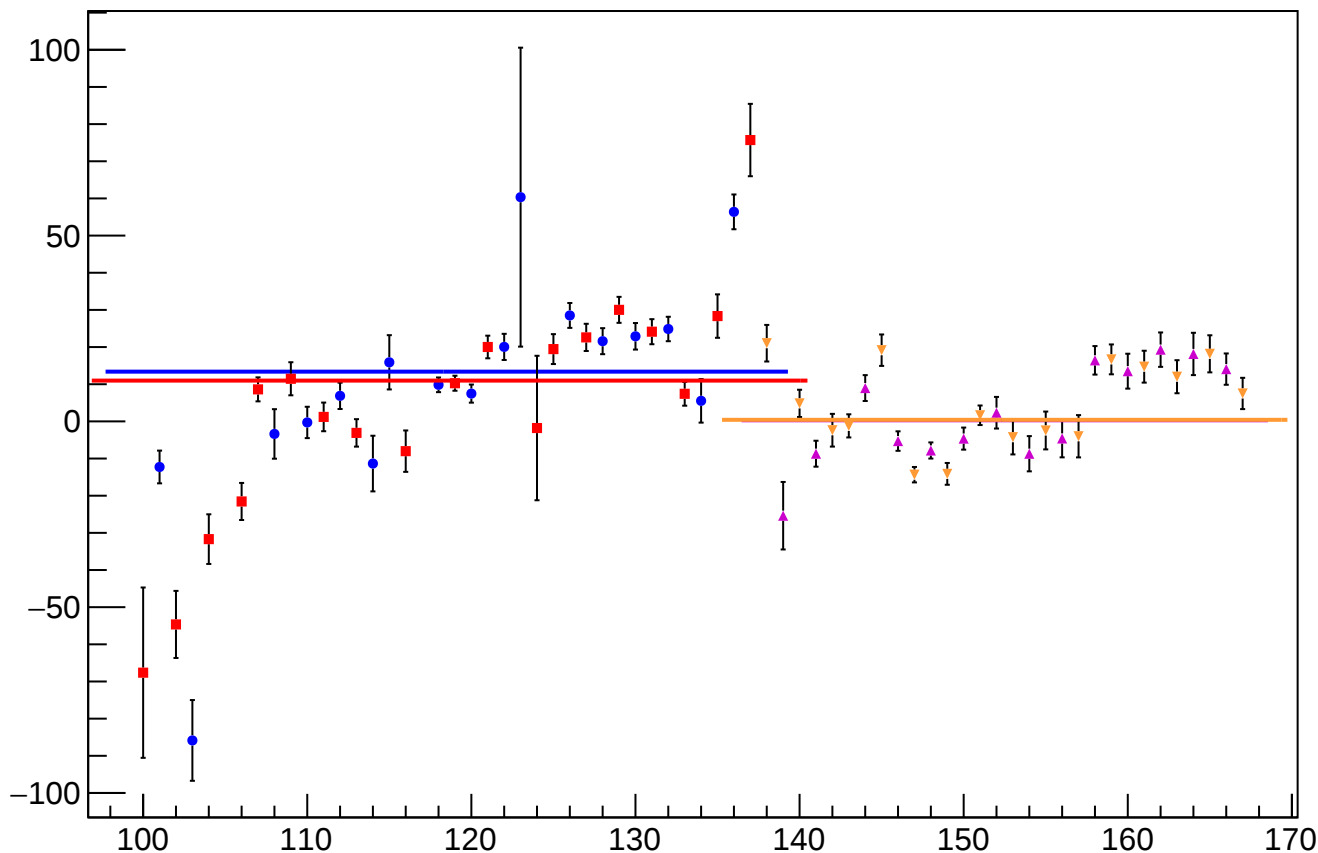
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.496+/-1.423 χ^2/NDF :425.4/13

Out: 227.927+/-1.343 χ^2/NDF :2723.2/15

All: 238.089+/-0.977 χ^2/NDF : 3270.1/29

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.420 ± 0.914 χ^2/NDF : 166.4/15

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 0.294 ± 0.984 χ^2/NDF : 109.9/13

Left: 0.362 ± 0.670 χ^2/NDF : 276.2/29

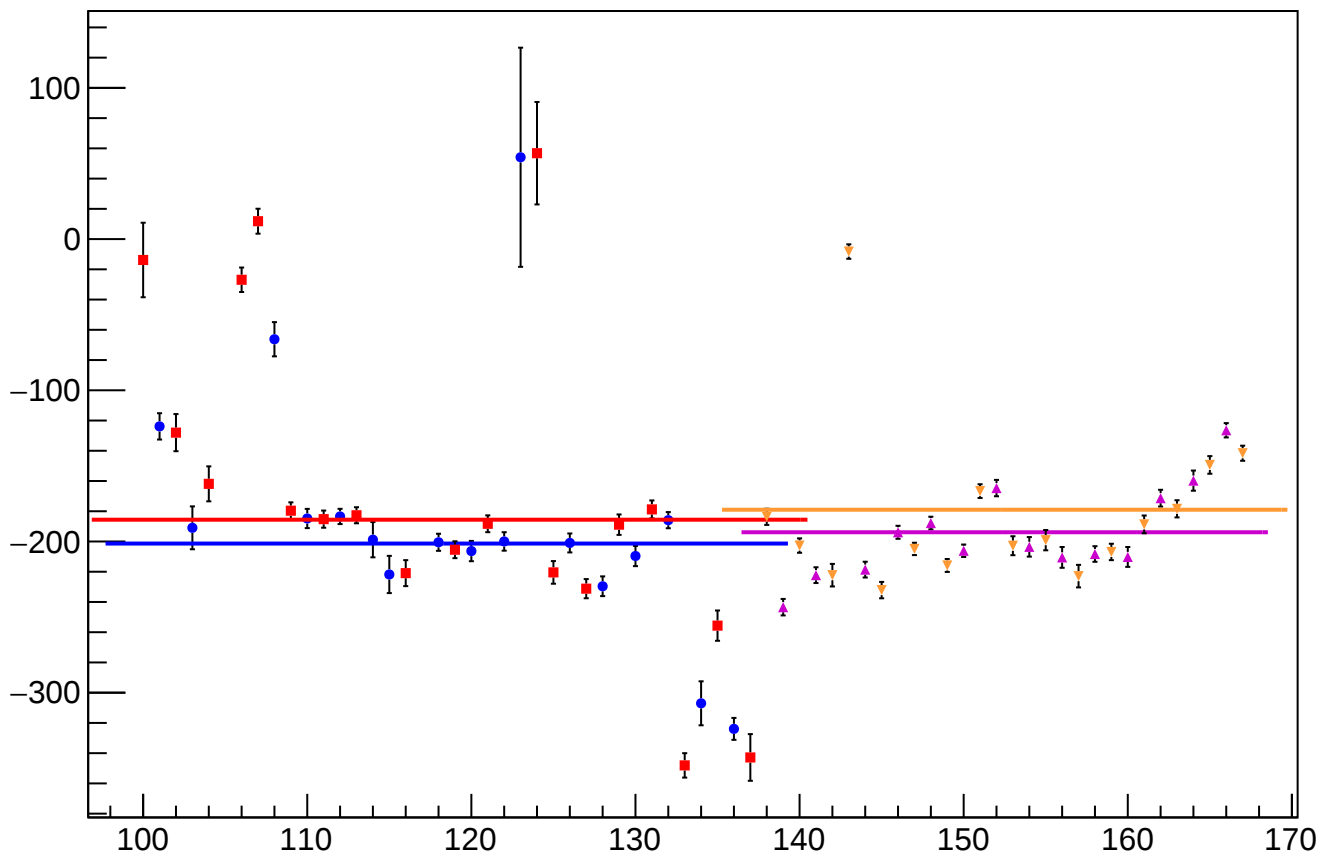
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 7.270 ± 0.672 χ^2/NDF : 498.3/30

Out: 5.692 ± 0.646 χ^2/NDF : 537.0/34

All: 6.450 ± 0.466 χ^2/NDF : 1038.2/65

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -178.996 ± 1.329 $\chi^2/\text{NDF}: 1715.9/15$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -193.889 ± 1.391 $\chi^2/\text{NDF}: 442.3/13$

Left: -186.102 ± 0.961 $\chi^2/\text{NDF}: 2218.2/29$

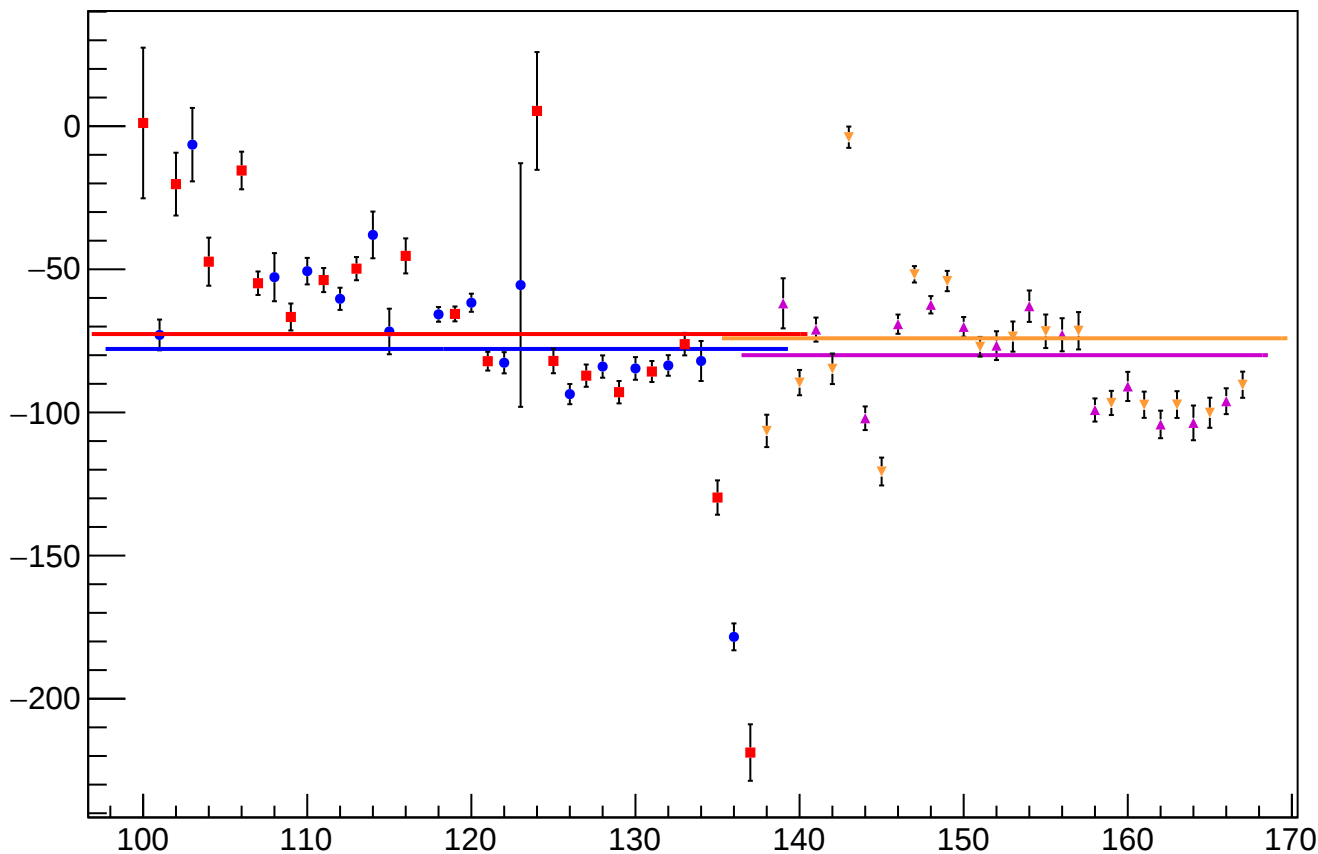
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -196.717 ± 1.097 $\chi^2/\text{NDF}: 1078.2/30$

Out: -181.498 ± 1.047 $\chi^2/\text{NDF}: 3473.5/34$

All: -188.752 ± 0.757 $\chi^2/\text{NDF}: 4652.5/65$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -74.091 $\pm$ 1.091 χ^2/NDF : 706.8/15

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -79.993 $\pm$ 1.169 χ^2/NDF : 181.4/13

Left: -76.837 $\pm$ 0.797 χ^2/NDF : 901.8/29

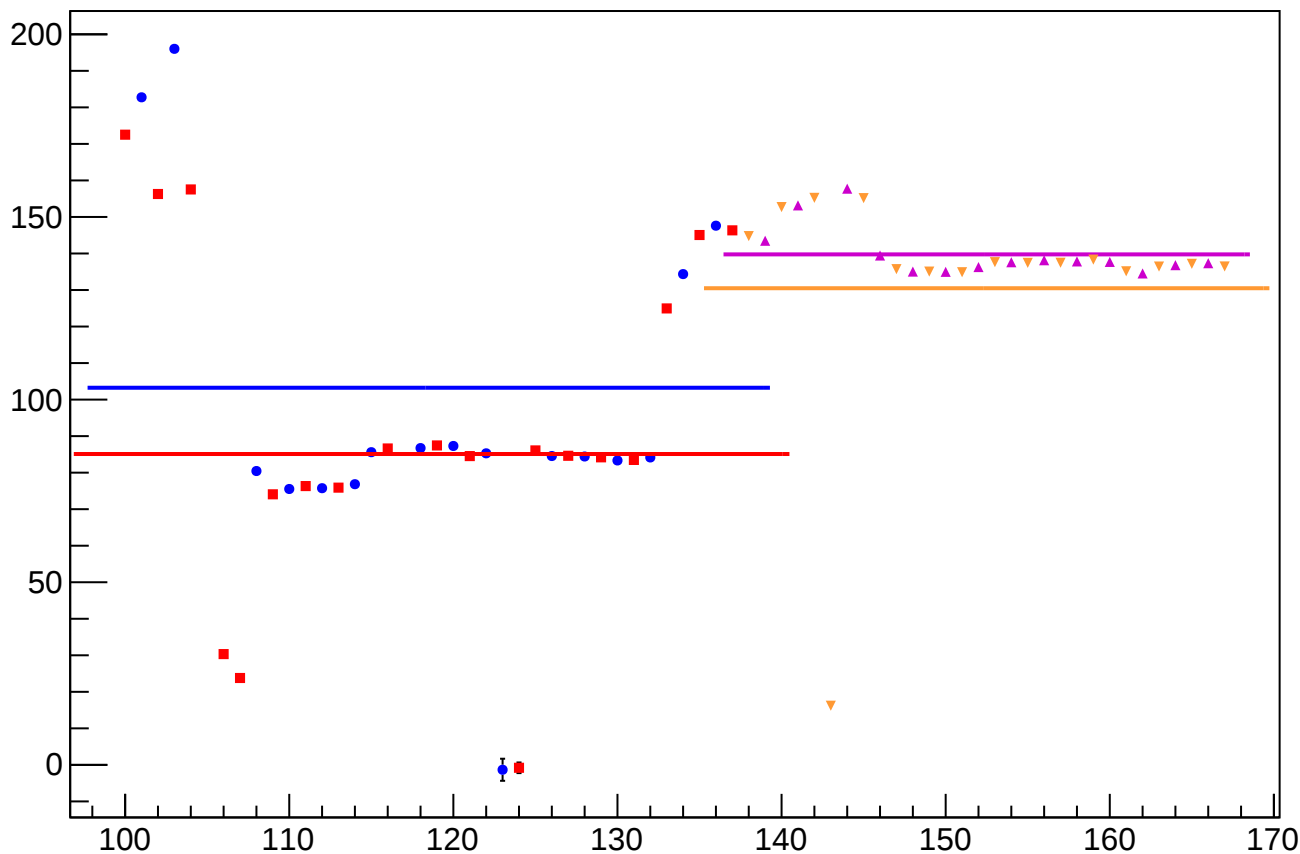
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -78.808 $\pm$ 0.789 χ^2/NDF : 839.6/30

Out: -73.327 $\pm$ 0.757 χ^2/NDF : 1314.6/34

All: -75.957 $\pm$ 0.546 χ^2/NDF : 2179.3/65

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 130.489 $\pm$ 0.053 χ^2 /NDF: 398318.6/15

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.755 $\pm$ 0.056 χ^2 /NDF: 13466.7/13

Left: 134.917 $\pm$ 0.039 χ^2 /NDF: 426133.5/29

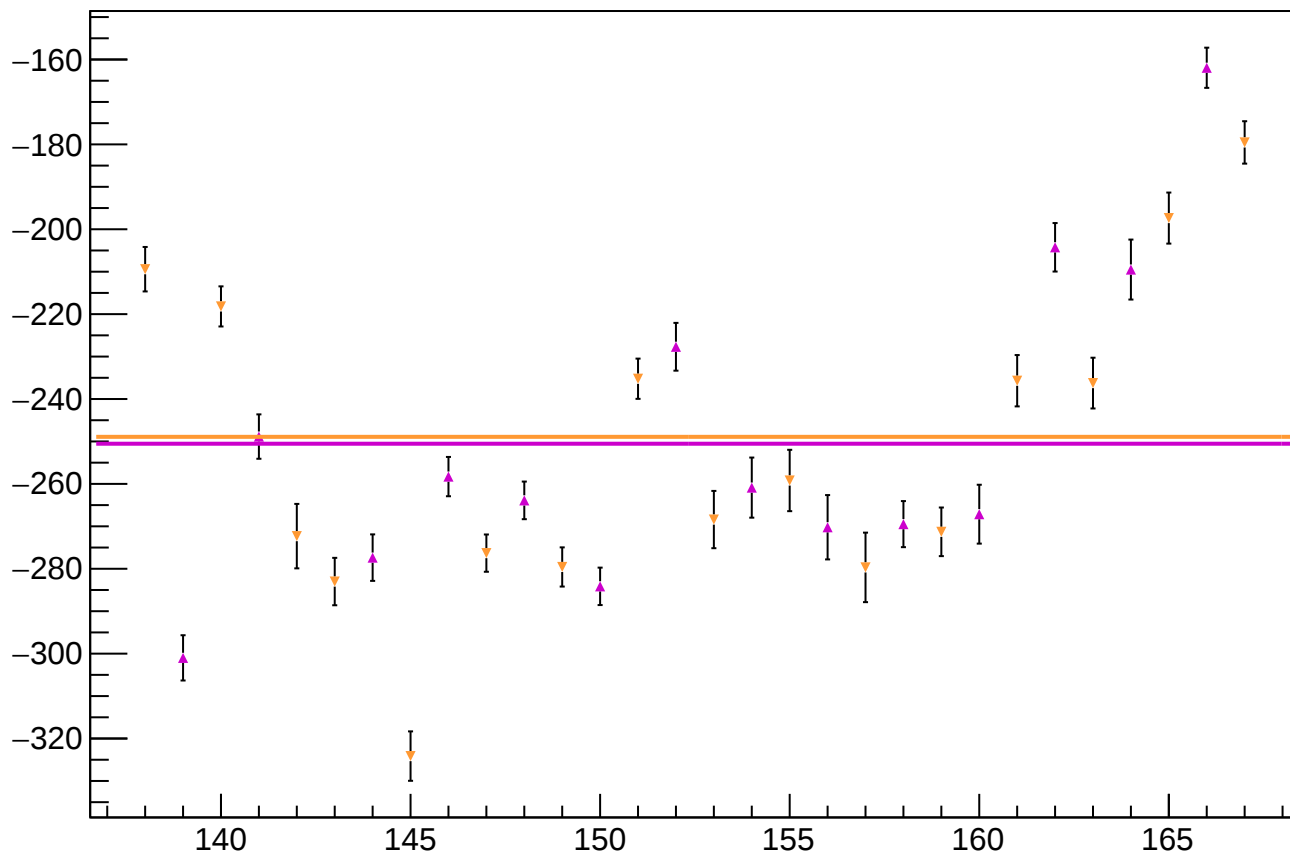
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.654 $\pm$ 0.044 χ^2 /NDF: 451632.9/30

Out: 111.732 $\pm$ 0.041 χ^2 /NDF: 1119570.3/34

All: 118.228 $\pm$ 0.030 χ^2 /NDF: 1625123.6/65

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: -248.911+/-1.396 χ^2/NDF : 719.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.535+/-1.454 χ^2/NDF : 676.2/13

Left: -249.690+/-1.007 χ^2/NDF : 1396.3/29

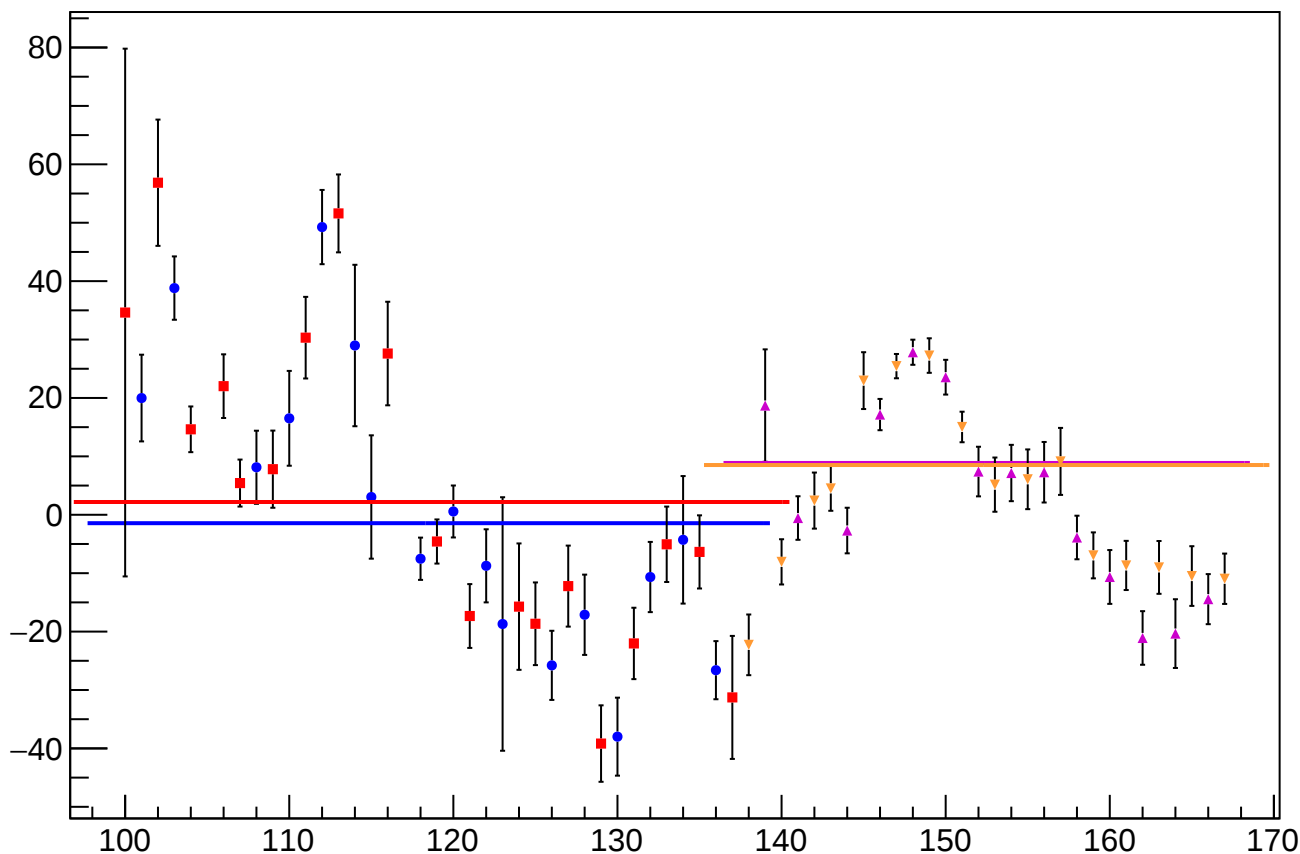
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.535+/-1.454 χ^2/NDF : 676.2/13

Out: -248.911+/-1.396 χ^2/NDF : 719.4/15

All: -249.690+/-1.007 χ^2/NDF : 1396.3/29

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 8.517 ± 0.942 χ^2/NDF : 259.8/15

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 8.869 ± 0.999 χ^2/NDF : 254.8/13

Left: 8.683 ± 0.685 χ^2/NDF : 514.6/29

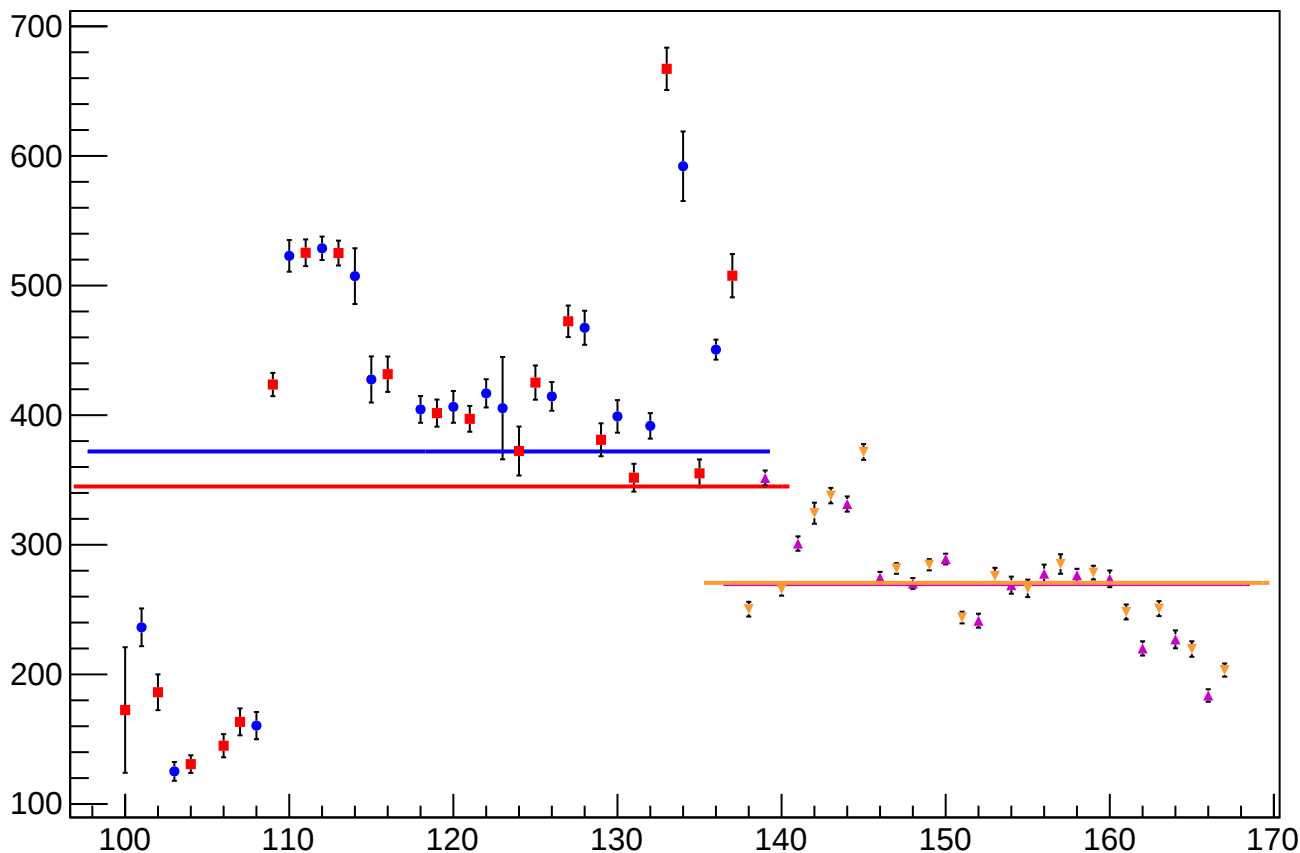
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 5.750 ± 0.834 χ^2/NDF : 511.5/30

Out: 6.545 ± 0.782 χ^2/NDF : 504.5/34

All: 6.173 ± 0.570 χ^2/NDF : 1016.4/65

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 270.634+/-1.374 χ^2/NDF : 791.3/15

Right Out: 344.990+/-2.561 χ^2/NDF : 3414.4/18

Left In: 269.658+/-1.417 χ^2/NDF : 835.6/13

Left: 270.161+/-0.986 χ^2/NDF : 1627.2/29

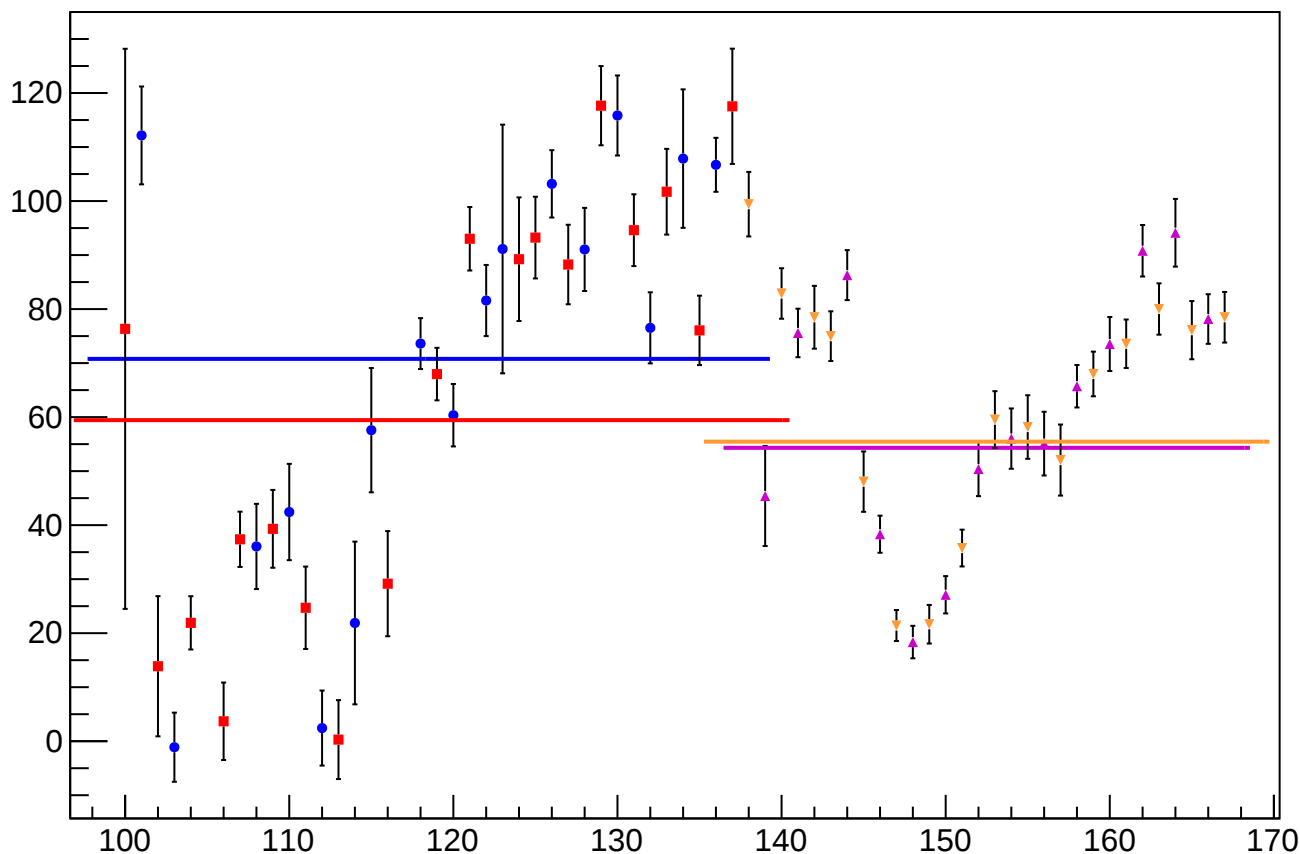
Right: 357.461+/-1.879 χ^2/NDF : 5896.9/35

In: 290.949+/-1.261 χ^2/NDF : 4351.9/30

Out: 287.257+/-1.211 χ^2/NDF : 4860.3/34

All: 289.028+/-0.873 χ^2/NDF : 9216.7/65

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: 55.455 $\pm$ 1.126 χ^2 /NDF:479.7/15

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 54.315 $\pm$ 1.187 χ^2 /NDF:447.7/13

Left: 54.915 $\pm$ 0.817 χ^2 /NDF: 927.9/29

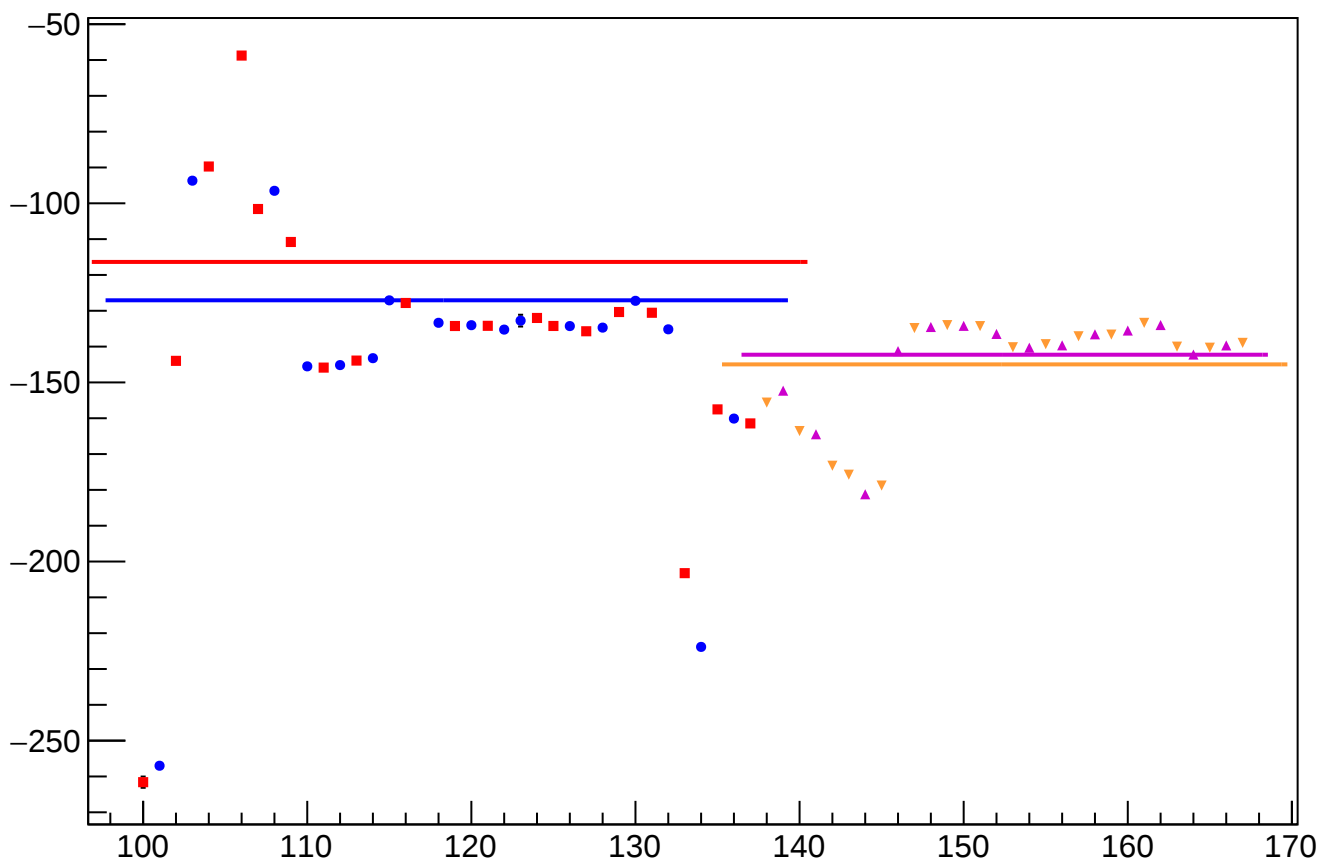
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.518 $\pm$ 0.982 χ^2 /NDF:932.5/30

Out: 56.740 $\pm$ 0.927 χ^2 /NDF:970.4/34

All: 58.049 $\pm$ 0.674 χ^2 /NDF: 1907.1/65

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: -144.965+/-0.055 χ^2/NDF : 70583.5/15

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.269+/-0.057 χ^2/NDF : 43611.4/13

Left: -143.654+/-0.040 χ^2/NDF : 115349.9/29

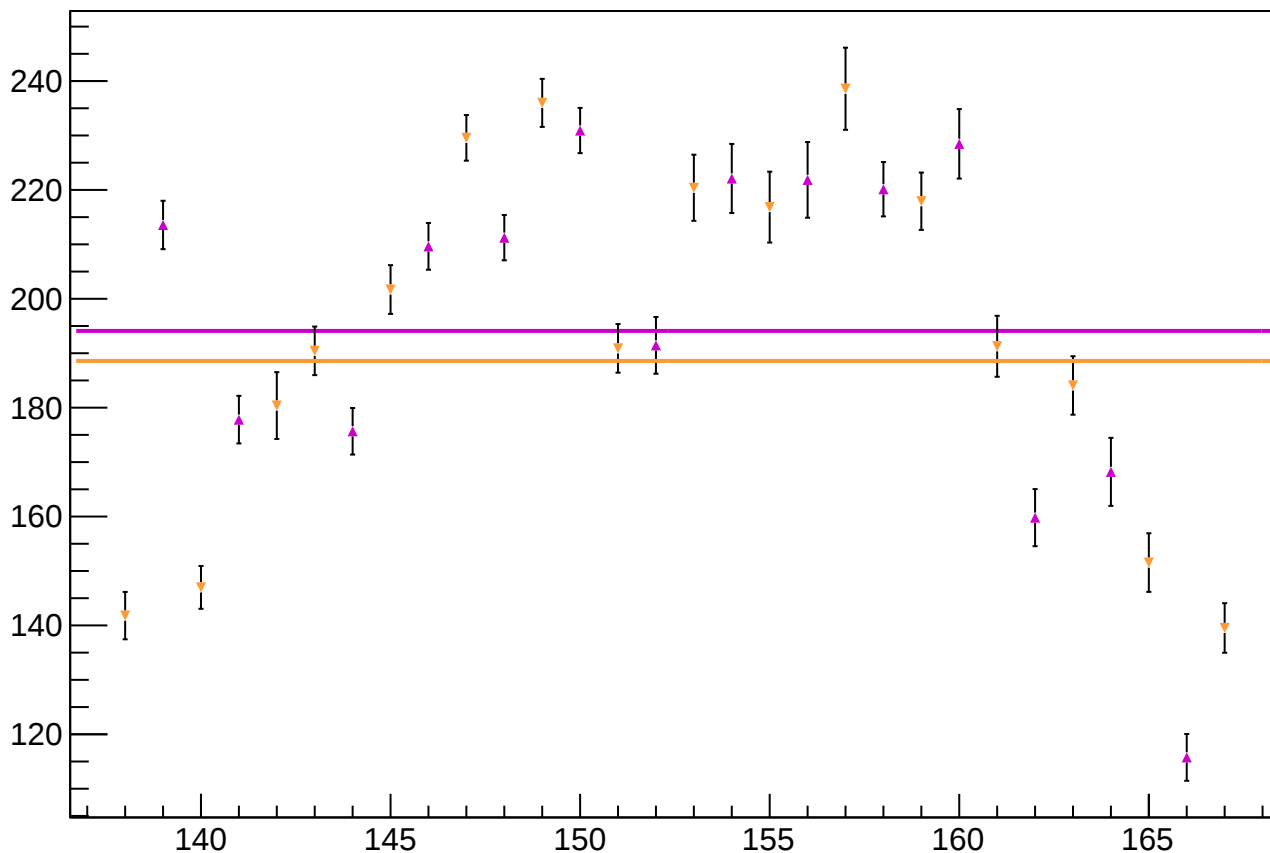
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.901+/-0.048 χ^2/NDF : 231160.0/30

Out: -136.157+/-0.046 χ^2/NDF : 320502.7/34

All: -136.992+/-0.033 χ^2/NDF : 552351.1/65

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 188.584+/-1.234 χ^2/NDF : 735.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.099+/-1.301 χ^2/NDF : 643.5/13

Left: 191.196+/-0.896 χ^2/NDF : 1388.1/29

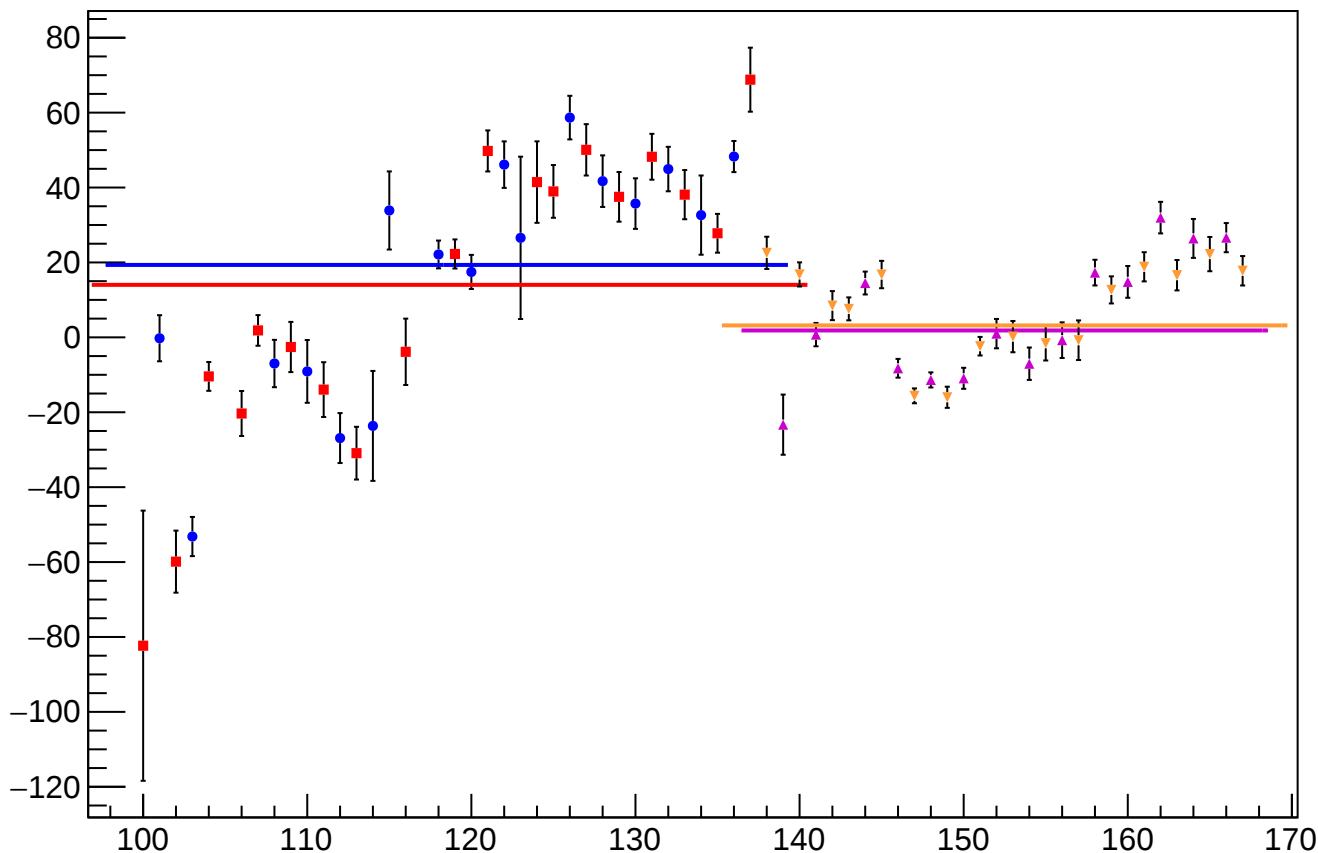
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.099+/-1.301 χ^2/NDF : 643.5/13

Out: 188.584+/-1.234 χ^2/NDF : 735.2/15

All: 191.196+/-0.896 χ^2/NDF : 1388.1/29

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: 3.189 ± 0.846 $\chi^2/\text{NDF}: 263.9/15$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 1.839 ± 0.905 $\chi^2/\text{NDF}: 255.1/13$

Left: 2.559 ± 0.618 $\chi^2/\text{NDF}: 520.2/29$

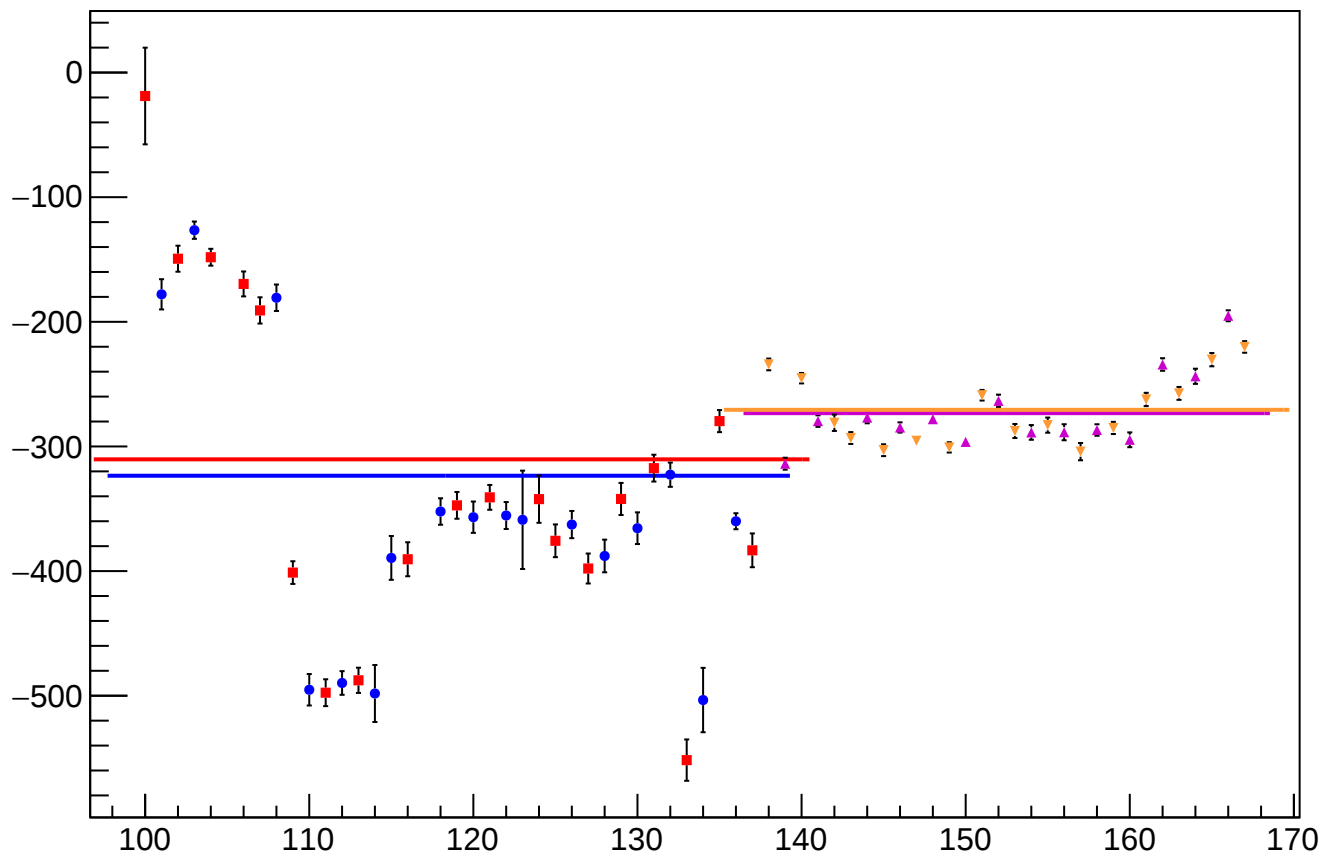
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 6.591 ± 0.773 $\chi^2/\text{NDF}: 796.5/30$

Out: 6.117 ± 0.723 $\chi^2/\text{NDF}: 741.4/34$

All: 6.339 ± 0.528 $\chi^2/\text{NDF}: 1538.0/65$

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: -270.606 ± 1.224 $\chi^2/\text{NDF}: 497.5/15$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -273.283 ± 1.275 $\chi^2/\text{NDF}: 557.8/13$

Left: -271.890 ± 0.883 $\chi^2/\text{NDF}: 1057.6/29$

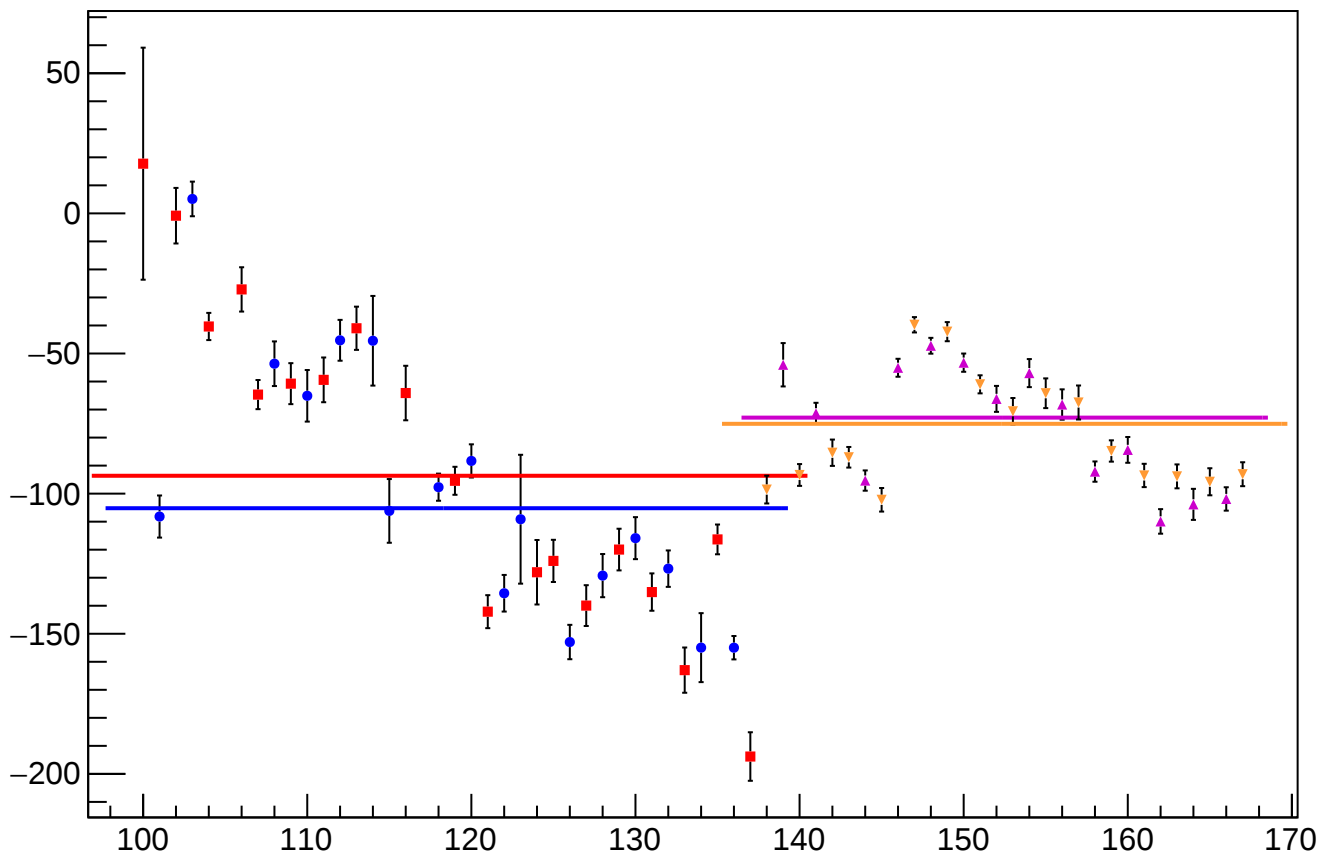
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -282.590 ± 1.151 $\chi^2/\text{NDF}: 2692.8/30$

Out: -278.180 ± 1.101 $\chi^2/\text{NDF}: 2998.9/34$

All: -280.288 ± 0.795 $\chi^2/\text{NDF}: 5699.4/65$

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: -75.089+/-1.008 χ^2/NDF : 468.2/15

Right Out: -93.625+/-1.610 χ^2/NDF : 822.7/18

Left In: -72.879+/-1.073 χ^2/NDF : 393.0/13

Left: -74.054+/-0.735 χ^2/NDF : 863.4/29

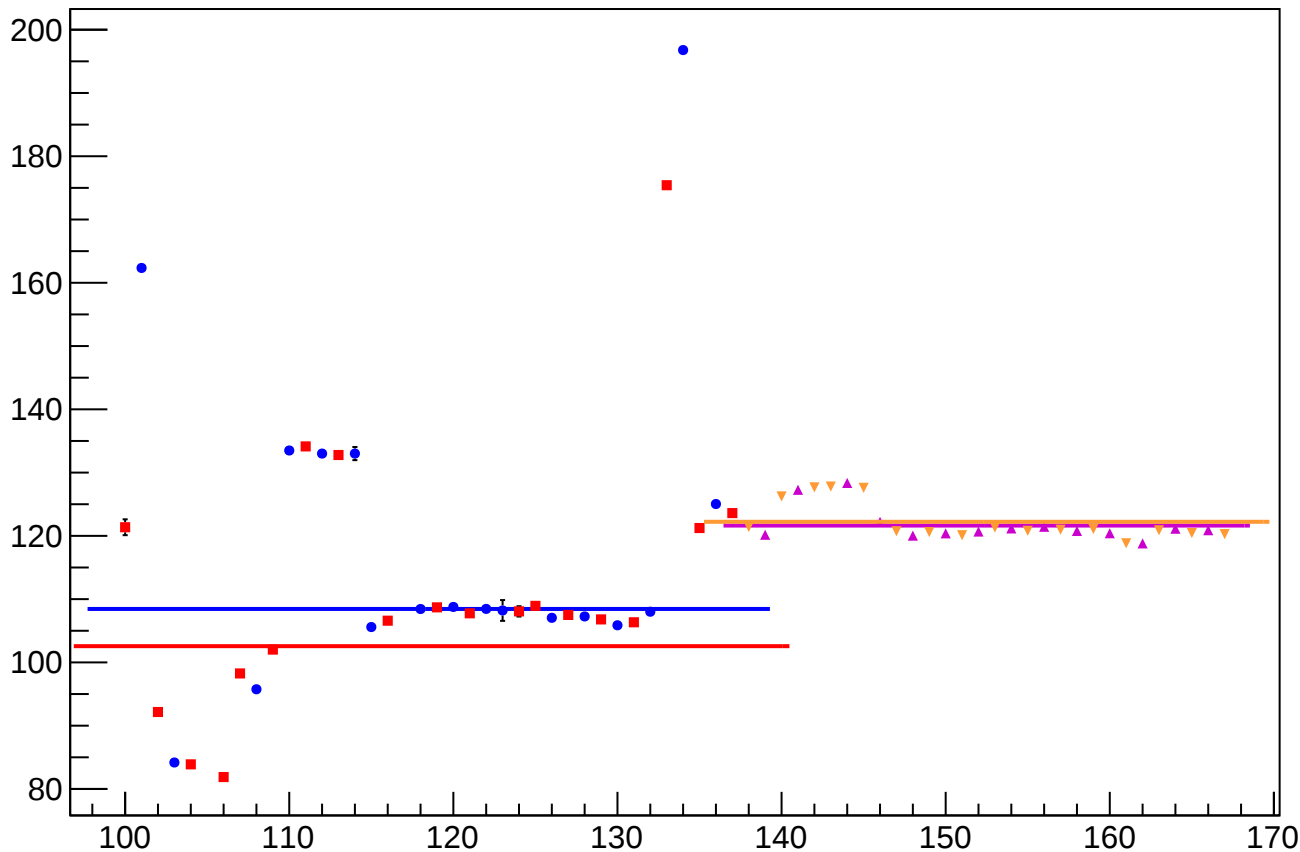
Right: -99.110+/-1.168 χ^2/NDF : 1582.8/35

In: -82.117+/-0.907 χ^2/NDF : 1387.8/30

Out: -80.305+/-0.854 χ^2/NDF : 1386.1/34

All: -81.157+/-0.622 χ^2/NDF : 2776.0/65

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.224 $\pm$ 0.049 χ^2 /NDF: 3518.7/15

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.628 $\pm$ 0.051 χ^2 /NDF: 2572.8/13

Left: 121.937 $\pm$ 0.035 χ^2 /NDF: 6162.1/29

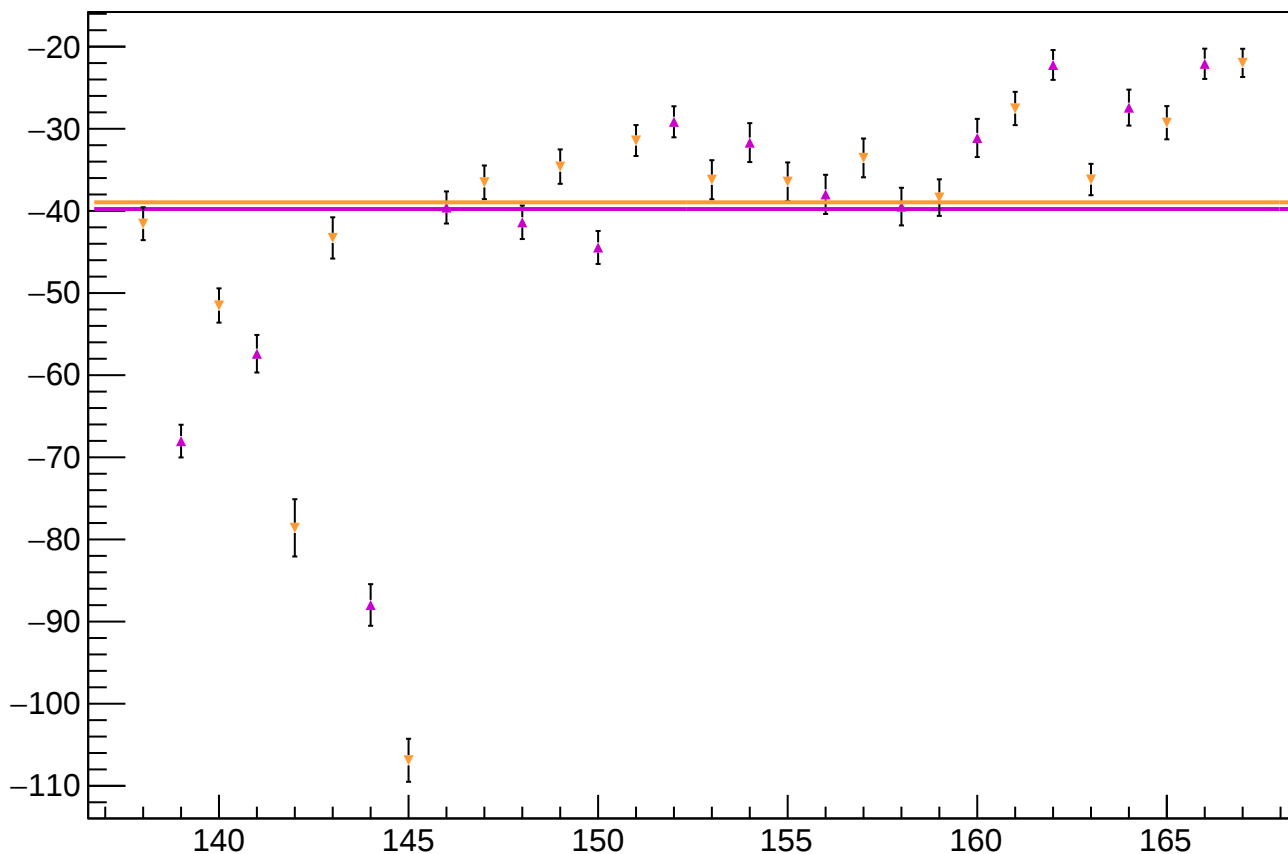
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.115 $\pm$ 0.044 χ^2 /NDF: 93558.9/30

Out: 116.782 $\pm$ 0.042 χ^2 /NDF: 100934.2/34

All: 117.418 $\pm$ 0.030 χ^2 /NDF: 194978.7/65

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected

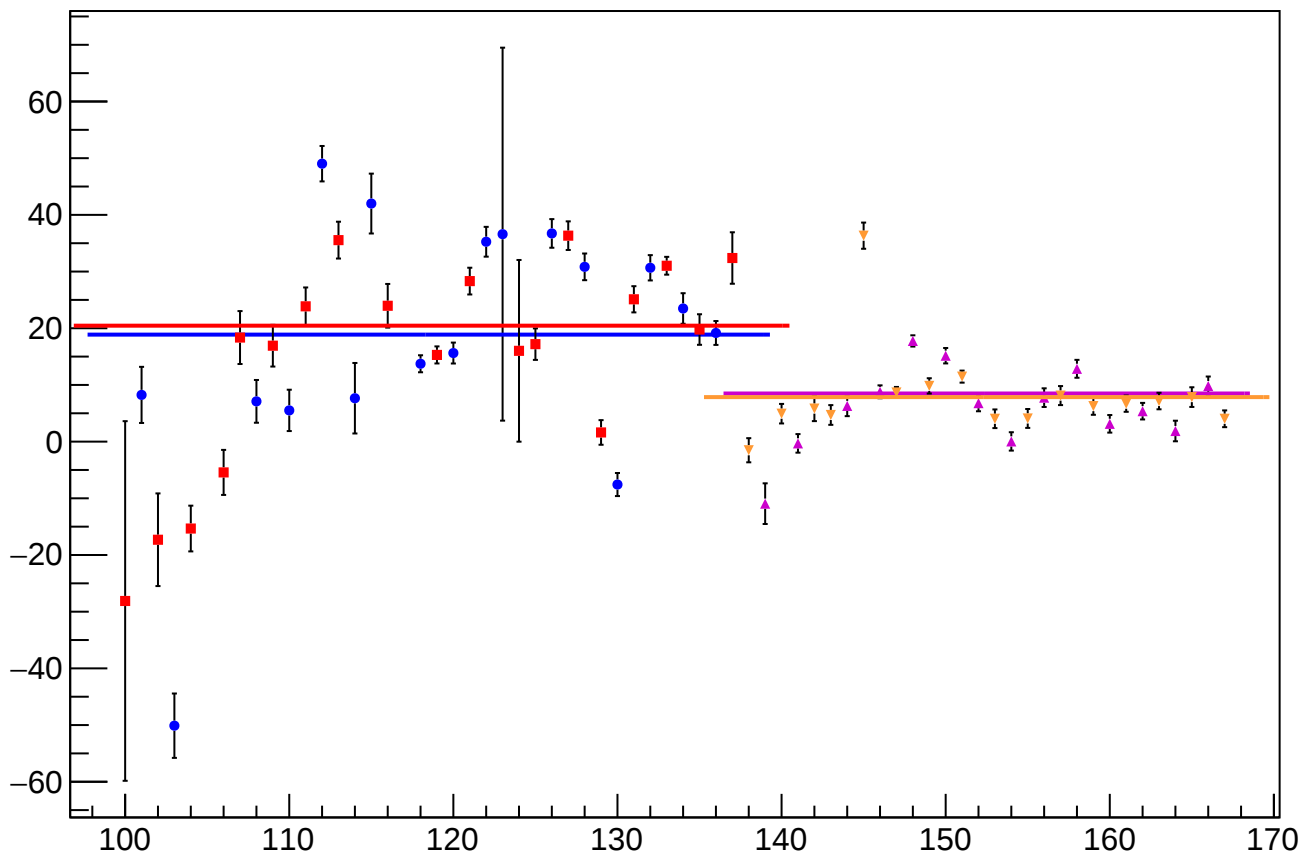


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.954+/-0.538 χ^2/NDF :1027.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -39.773+/-0.562 χ^2/NDF :903.4/13

Left: -39.346+/-0.389 χ^2/NDF : 1931.5/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -39.773+/-0.562 χ^2/NDF :903.4/13
 Out: -38.954+/-0.538 χ^2/NDF :1027.0/15

All: -39.346+/-0.389 χ^2/NDF : 1931.5/29

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: 7.851+/-0.377 χ^2 /NDF:211.8/15

Right Out: 20.454+/-0.643 χ^2 /NDF: 364.8/18

Left In: 8.489+/-0.400 χ^2 /NDF:237.8/13

Left: 8.152+/-0.274 χ^2 /NDF: 451.0/29

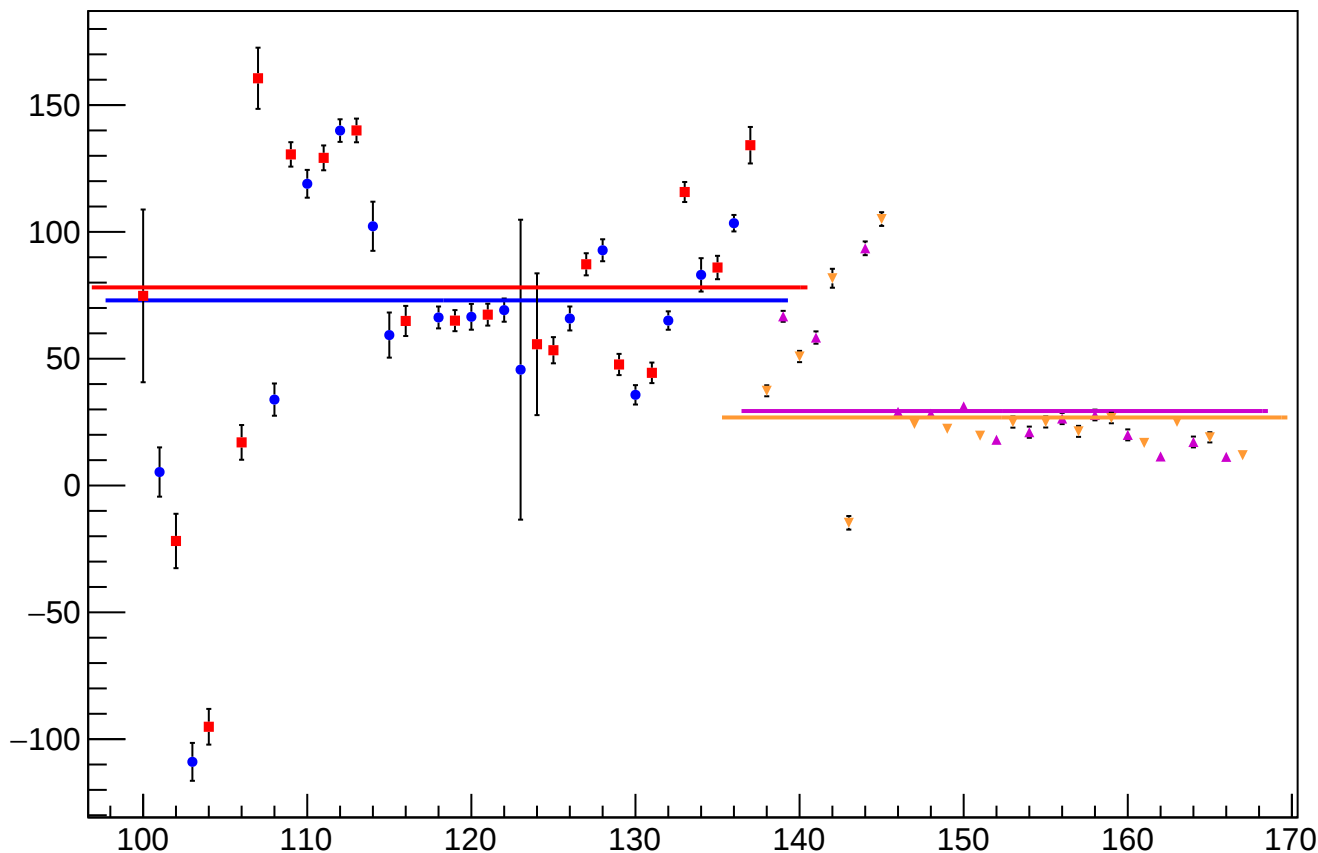
Right: 19.666+/-0.455 χ^2 /NDF: 988.3/35

In: 11.373+/-0.340 χ^2 /NDF:1046.0/30

Out: 11.076+/-0.325 χ^2 /NDF:862.1/34

All: 11.218+/-0.235 χ^2 /NDF: 1908.5/65

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 26.831 ± 0.527 χ^2/NDF : 1579.4/15

Right Out: 78.114 ± 1.223 χ^2/NDF : 1546.8/18

Left In: 29.365 ± 0.547 χ^2/NDF : 1308.8/13

Left: 28.053 ± 0.380 χ^2/NDF : 2899.4/29

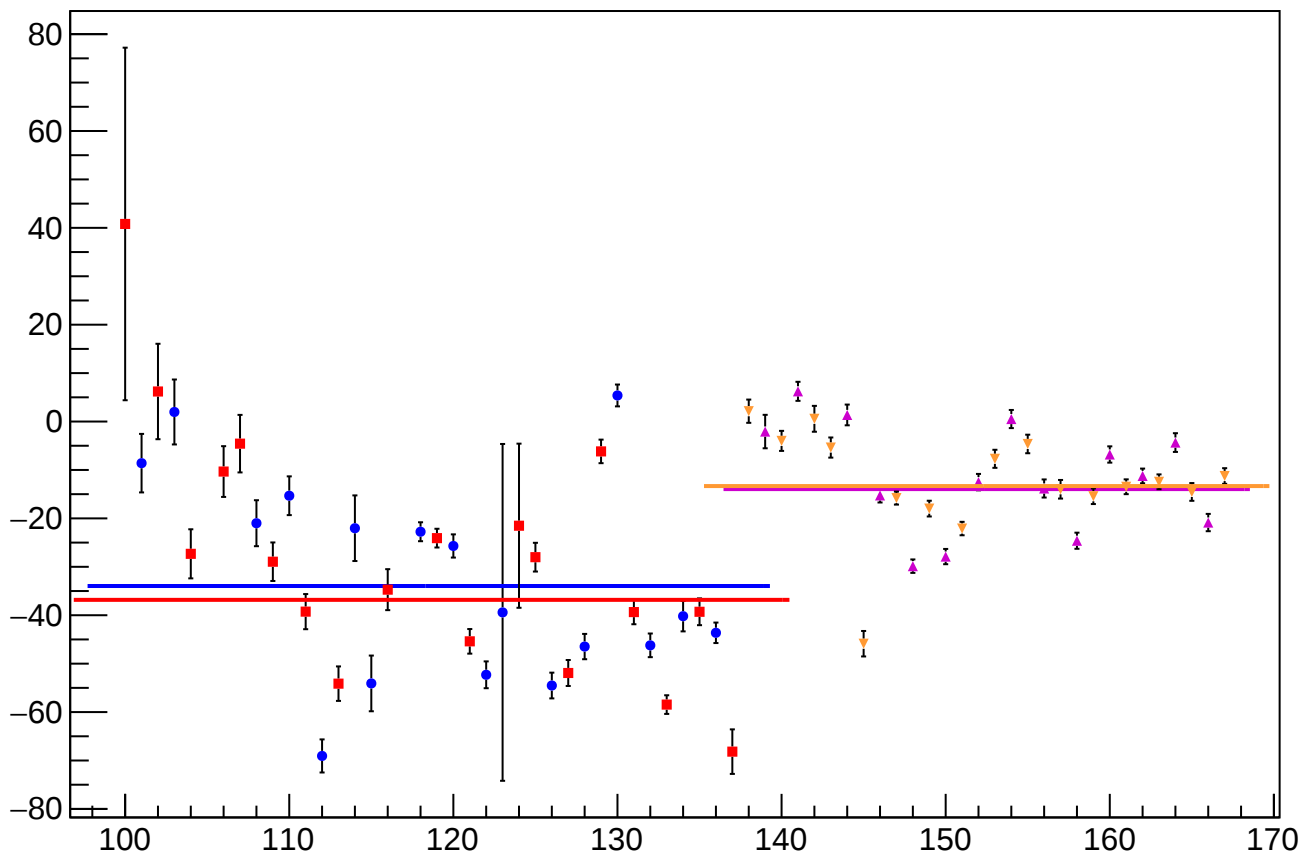
Right: 75.567 ± 0.867 χ^2/NDF : 2761.0/35

In: 36.558 ± 0.499 χ^2/NDF : 3564.9/30

Out: 34.872 ± 0.484 χ^2/NDF : 4608.7/34

All: 35.689 ± 0.348 χ^2/NDF : 8179.4/65

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: -13.327 ± 0.441 χ^2/NDF : 342.2/15

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.950 ± 0.466 χ^2/NDF : 541.2/13

Left: -13.622 ± 0.321 χ^2/NDF : 884.4/29

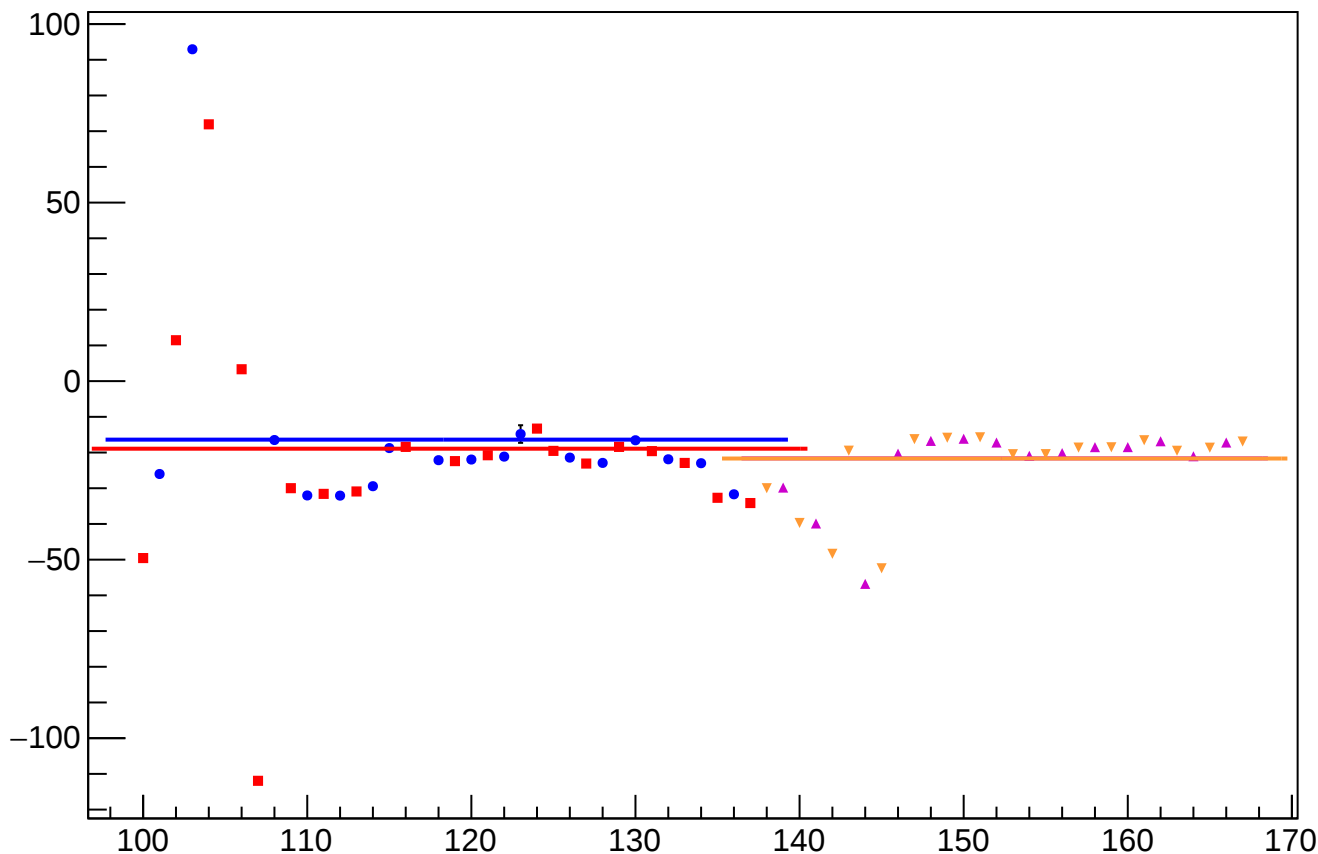
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.665 ± 0.394 χ^2/NDF : 1789.3/30

Out: -19.535 ± 0.379 χ^2/NDF : 1630.4/34

All: -19.597 ± 0.273 χ^2/NDF : 3419.7/65

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: -21.676 ± 0.021 $\chi^2/\text{NDF}: 188867.6/15$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.642 ± 0.022 $\chi^2/\text{NDF}: 157355.3/13$

Left: -21.659 ± 0.015 $\chi^2/\text{NDF}: 346224.2/29$

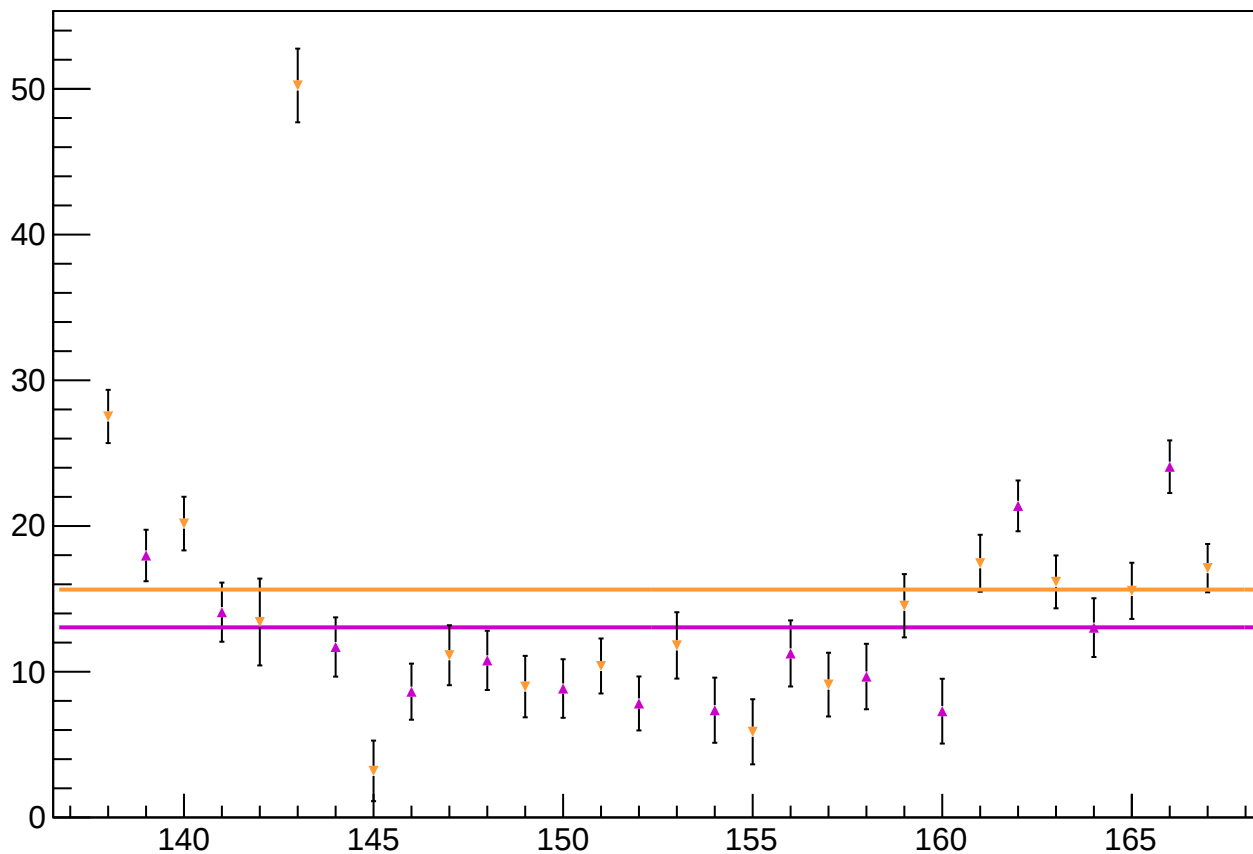
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.640 ± 0.019 $\chi^2/\text{NDF}: 642958.8/30$

Out: -21.197 ± 0.019 $\chi^2/\text{NDF}: 626065.7/34$

All: -20.926 ± 0.014 $\chi^2/\text{NDF}: 1269447.5/65$

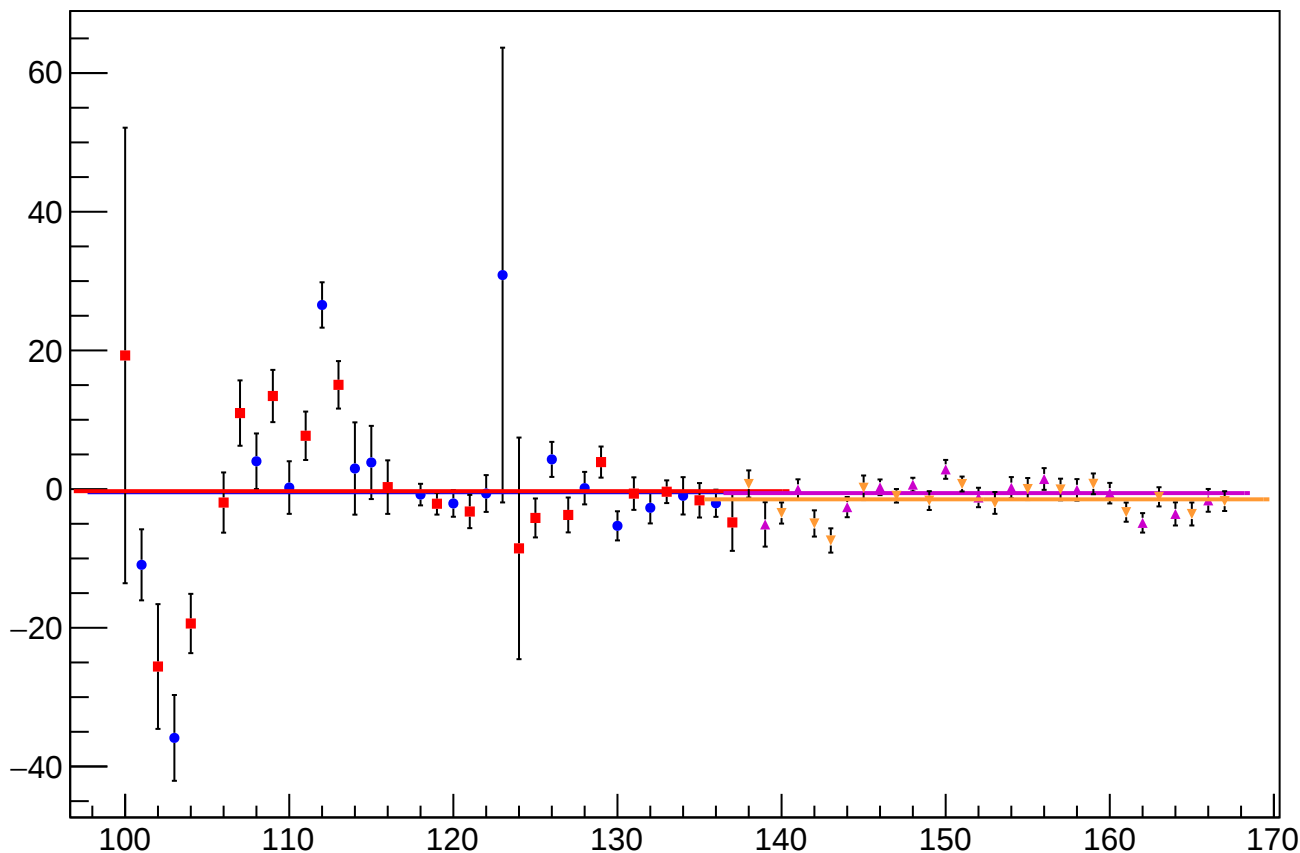
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.638 ± 0.510 $\chi^2/\text{NDF}: 327.3/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 13.046 ± 0.532 $\chi^2/\text{NDF}: 103.4/13$

Left: 14.398 ± 0.368 $\chi^2/\text{NDF}: 443.1/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 13.046 ± 0.532 $\chi^2/\text{NDF}: 103.4/13$
 Out: 15.638 ± 0.510 $\chi^2/\text{NDF}: 327.3/15$
 All: 14.398 ± 0.368 $\chi^2/\text{NDF}: 443.1/29$

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: -1.474 ± 0.362 χ^2/NDF : 30.8/15

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.576 ± 0.382 χ^2/NDF : 27.7/13

Left: -1.050 ± 0.263 χ^2/NDF : 61.4/29

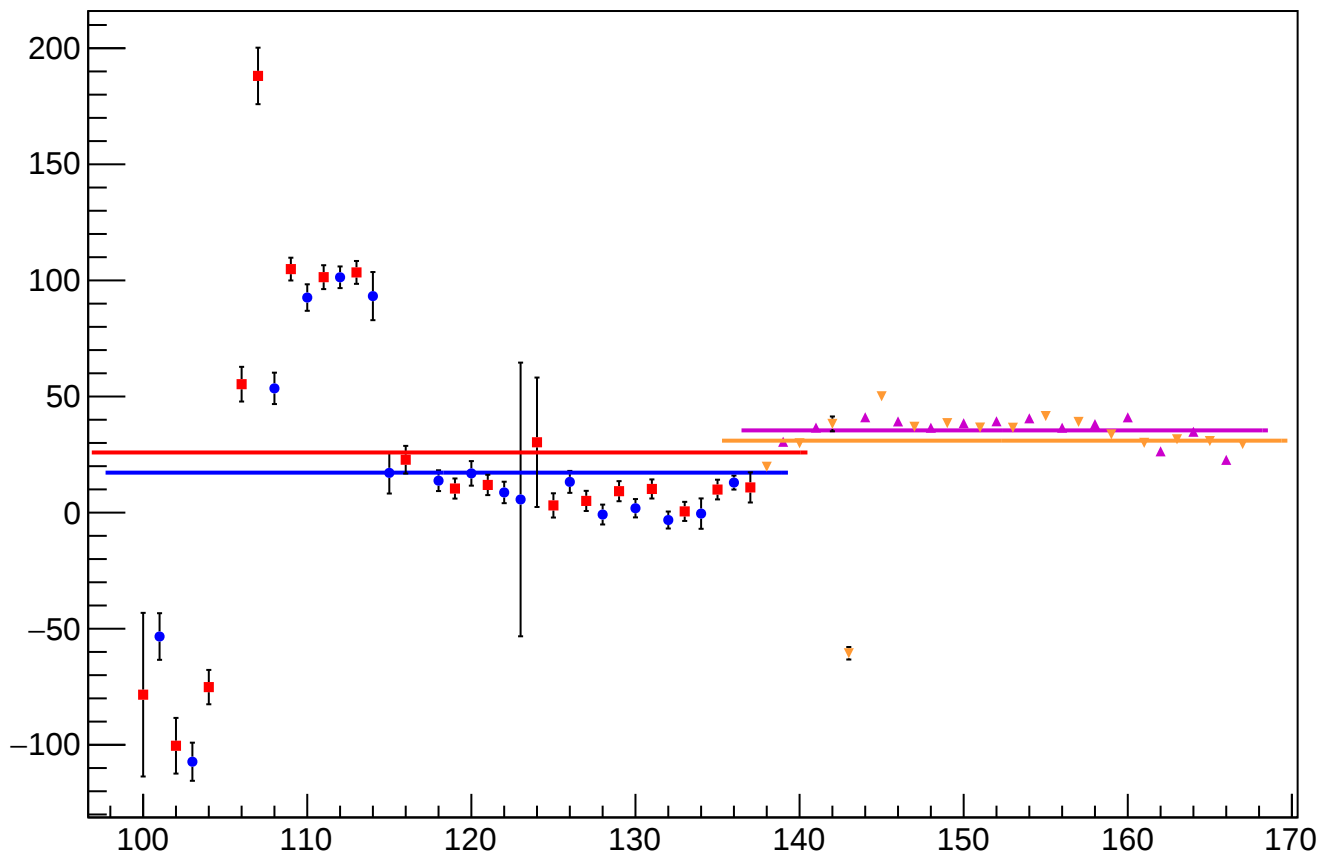
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.544 ± 0.330 χ^2/NDF : 147.2/30

Out: -1.200 ± 0.317 χ^2/NDF : 117.7/34

All: -0.885 ± 0.229 χ^2/NDF : 267.0/65

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.989 ± 0.502 $\chi^2/\text{NDF}: 1353.3/15$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 35.414 ± 0.520 $\chi^2/\text{NDF}: 118.3/13$

Left: 33.124 ± 0.361 $\chi^2/\text{NDF}: 1509.2/29$

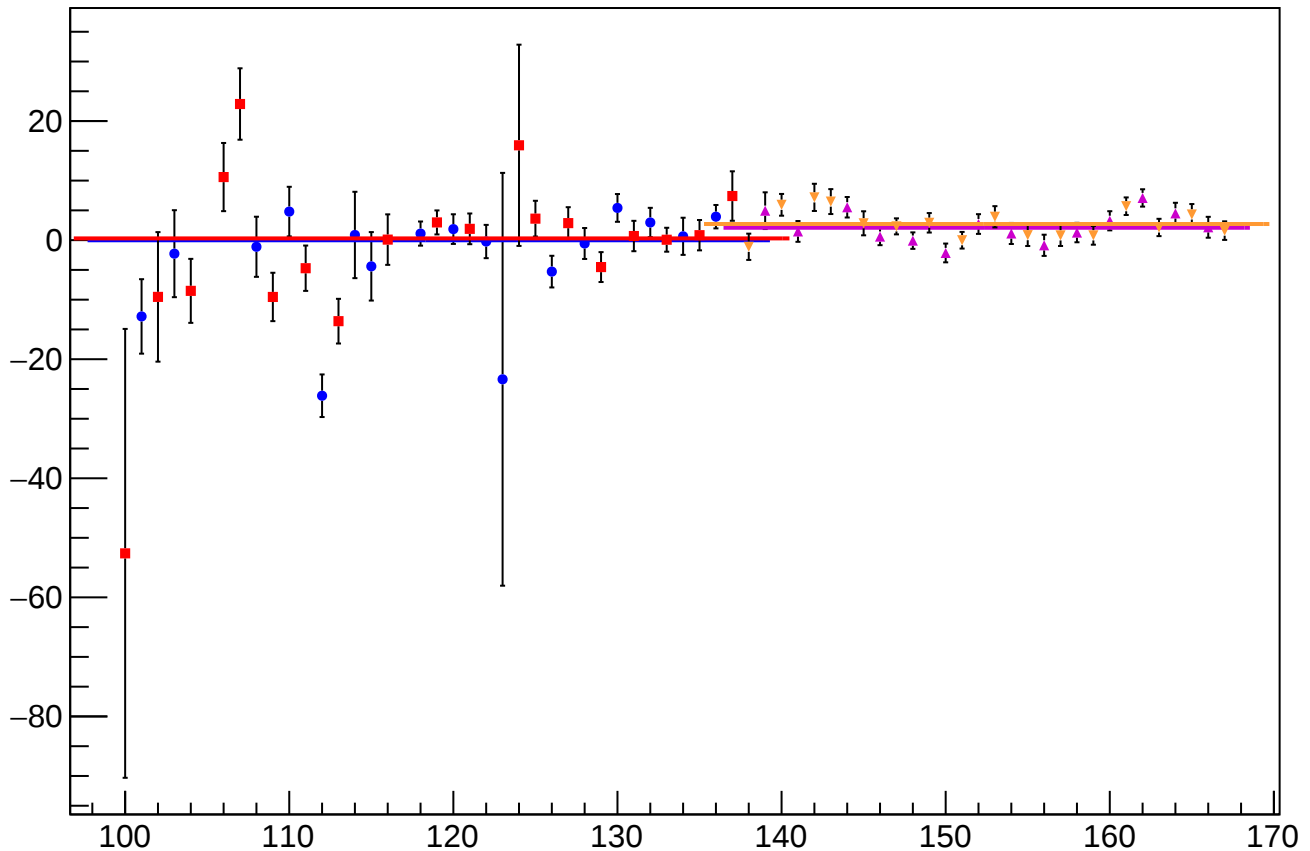
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 32.701 ± 0.479 $\chi^2/\text{NDF}: 1241.4/30$

Out: 30.277 ± 0.465 $\chi^2/\text{NDF}: 2742.5/34$

All: 31.453 ± 0.334 $\chi^2/\text{NDF}: 3997.0/65$

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: 2.709 ± 0.422 χ^2/NDF : 26.8/15

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.081 ± 0.445 χ^2/NDF : 33.3/13

Left: 2.412 ± 0.306 χ^2/NDF : 61.2/29

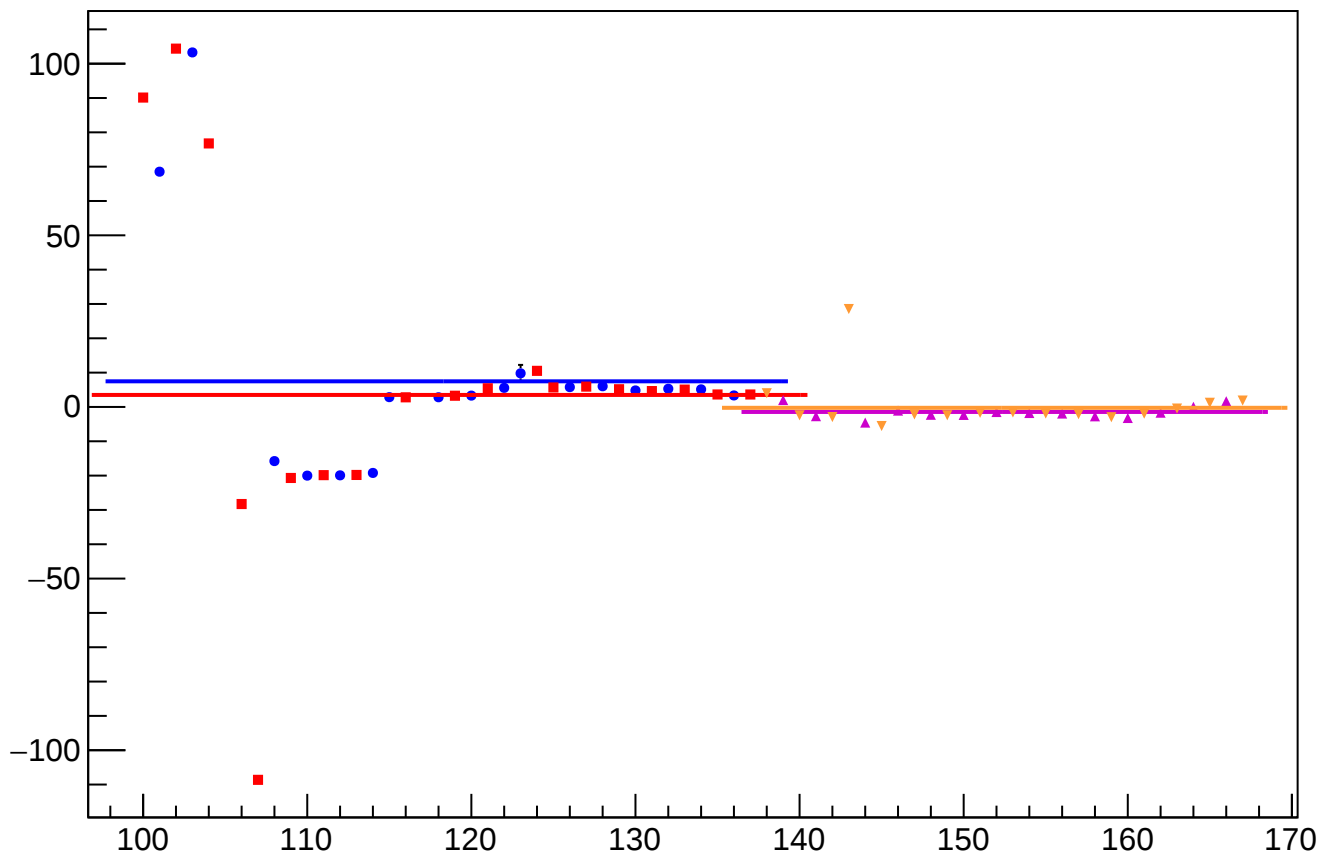
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.528 ± 0.382 χ^2/NDF : 115.0/30

Out: 2.126 ± 0.368 χ^2/NDF : 90.8/34

All: 1.839 ± 0.265 χ^2/NDF : 207.1/65

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: -0.249 ± 0.020 $\chi^2/\text{NDF}: 85022.6/15$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -1.456 ± 0.020 $\chi^2/\text{NDF}: 6857.1/13$

Left: -0.830 ± 0.014 $\chi^2/\text{NDF}: 93684.9/29$

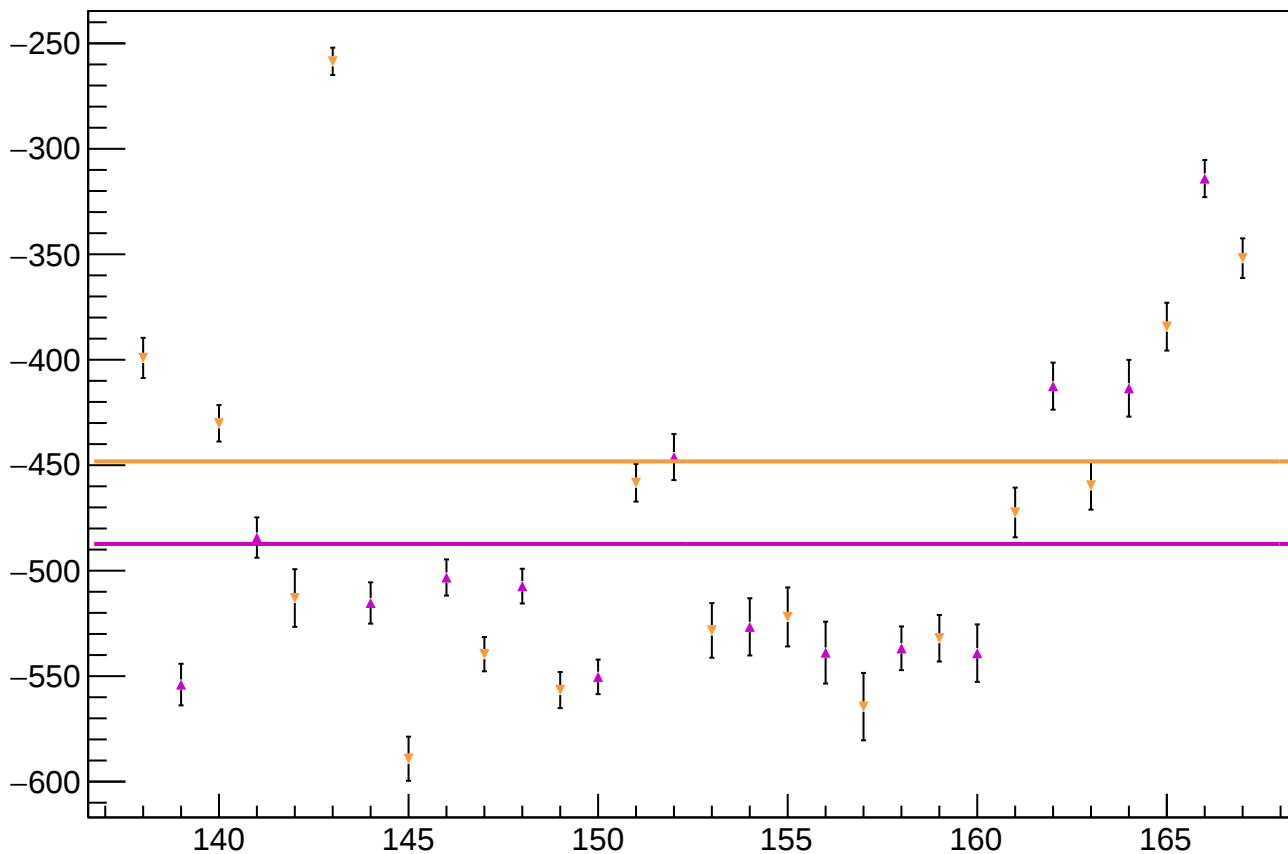
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.104 ± 0.019 $\chi^2/\text{NDF}: 395969.8/30$

Out: 0.342 ± 0.018 $\chi^2/\text{NDF}: 601304.0/34$

All: 0.226 ± 0.013 $\chi^2/\text{NDF}: 997357.5/65$

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: -448.160+/-2.491 χ^2/NDF :1699.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -487.330+/-2.726 χ^2/NDF :656.9/13

Left: -465.983+/-1.839 χ^2/NDF : 2469.1/29

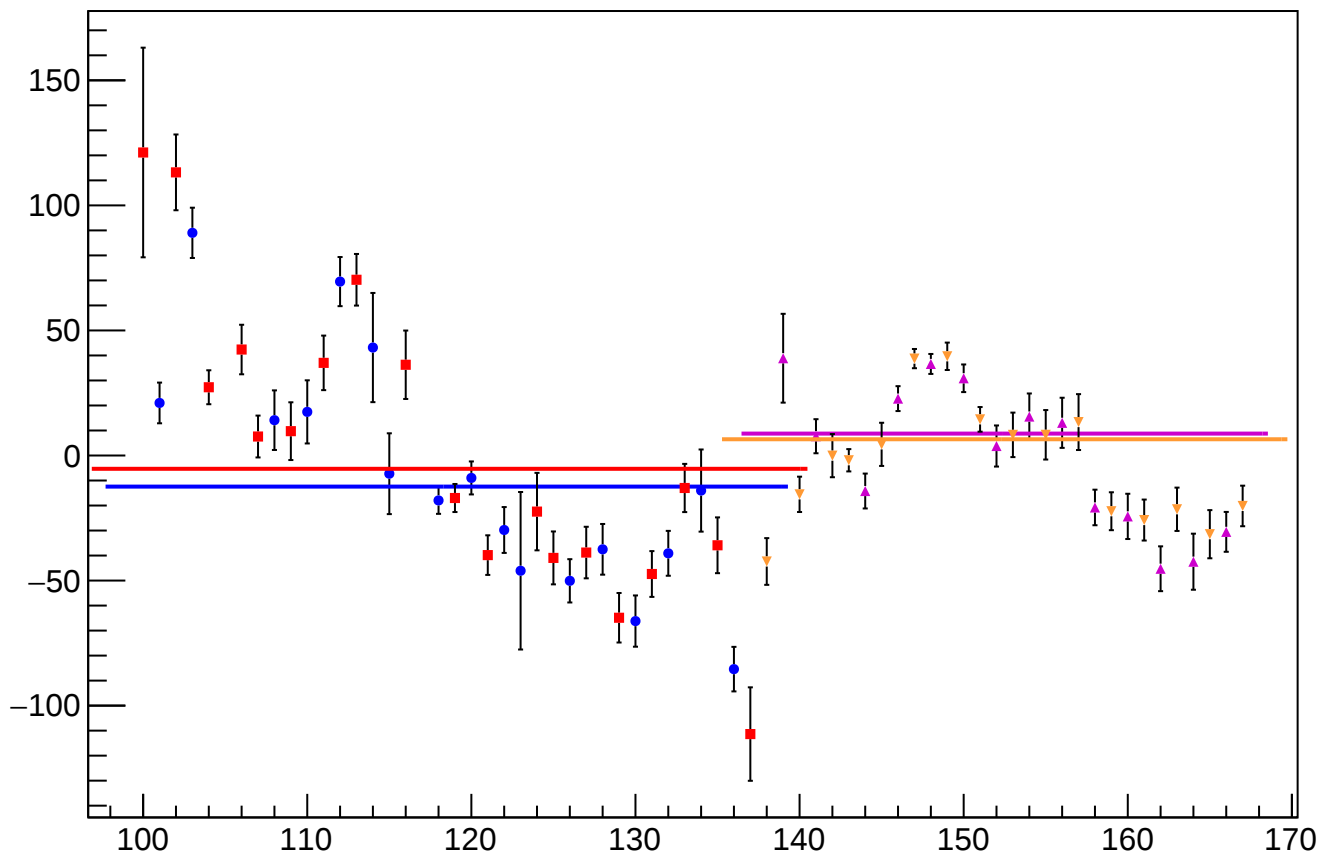
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -487.330+/-2.726 χ^2/NDF :656.9/13

Out: -448.160+/-2.491 χ^2/NDF :1699.8/15

All: -465.983+/-1.839 χ^2/NDF : 2469.1/29

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 6.497 ± 1.682 χ^2/NDF : 218.1/15

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 8.762 ± 1.870 χ^2/NDF : 199.7/13

Left: 7.510 ± 1.251 χ^2/NDF : 418.5/29

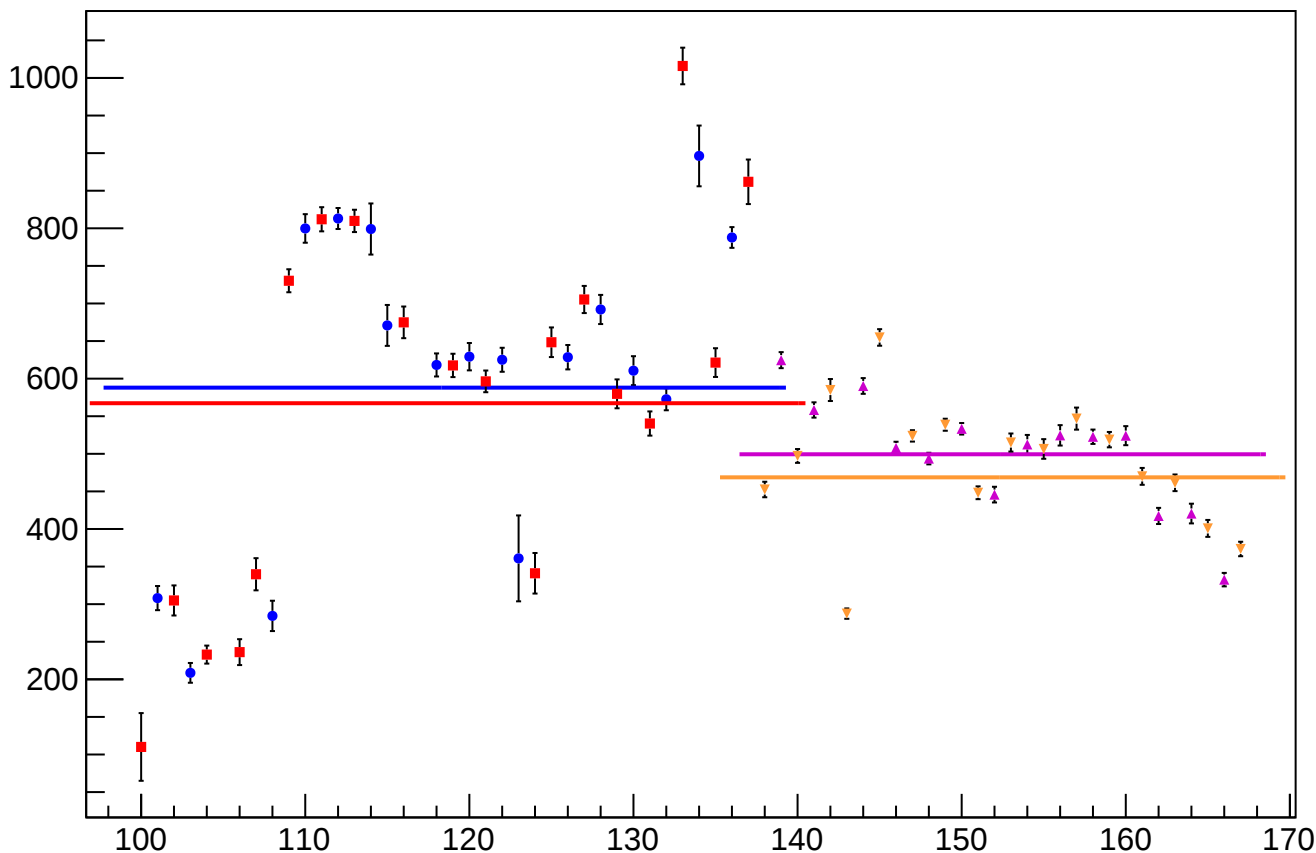
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.393 ± 1.455 χ^2/NDF : 590.6/30

Out: 2.283 ± 1.349 χ^2/NDF : 578.4/34

All: 1.409 ± 0.989 χ^2/NDF : 1170.0/65

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: 468.707 $\pm$ 2.472 χ^2 /NDF:1394.5/15

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 499.392 $\pm$ 2.661 χ^2 /NDF:748.8/13

Left: 482.925 $\pm$ 1.811 χ^2 /NDF: 2214.7/29

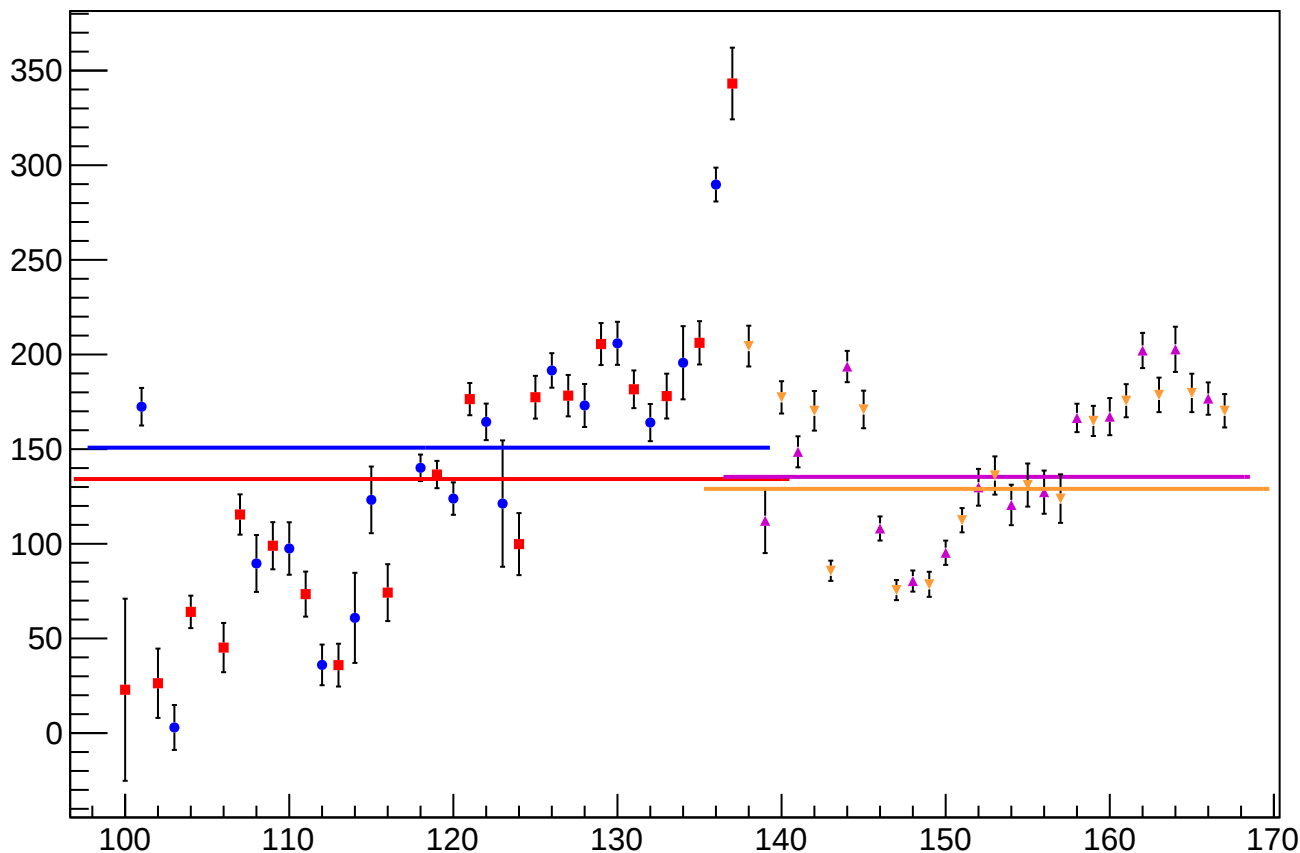
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 523.699 $\pm$ 2.267 χ^2 /NDF:3180.9/30

Out: 494.692 $\pm$ 2.122 χ^2 /NDF:4597.9/34

All: 508.238 $\pm$ 1.549 χ^2 /NDF: 7866.1/65

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 χ^2/NDF : 633.1/16

Left Out: 129.020 ± 2.015 χ^2/NDF : 472.1/15

Right Out: 134.219 ± 2.615 χ^2/NDF : 581.6/18

Left In: 135.358 ± 2.228 χ^2/NDF : 345.9/13

Left: 131.871 ± 1.494 χ^2/NDF : 822.4/29

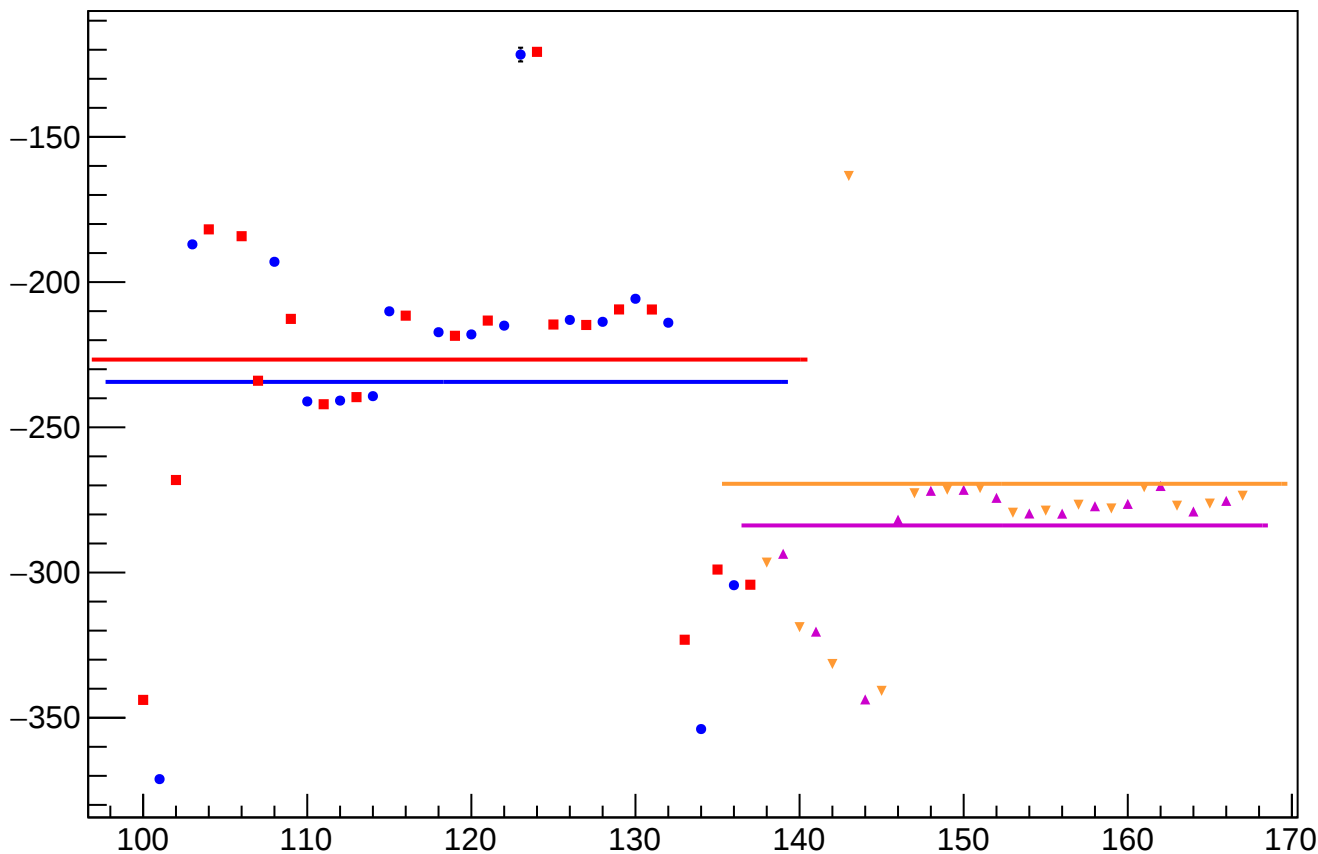
Right: 142.302 ± 1.872 χ^2/NDF : 1234.3/35

In: 141.665 ± 1.713 χ^2/NDF : 998.6/30

Out: 130.956 ± 1.596 χ^2/NDF : 1056.2/34

All: 135.932 ± 1.168 χ^2/NDF : 2075.7/65

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -269.446+/-0.100 χ^2/NDF : 205085.5/15

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -283.784+/-0.107 χ^2/NDF : 31250.7/13

Left: -276.110+/-0.073 χ^2/NDF : 245935.1/29

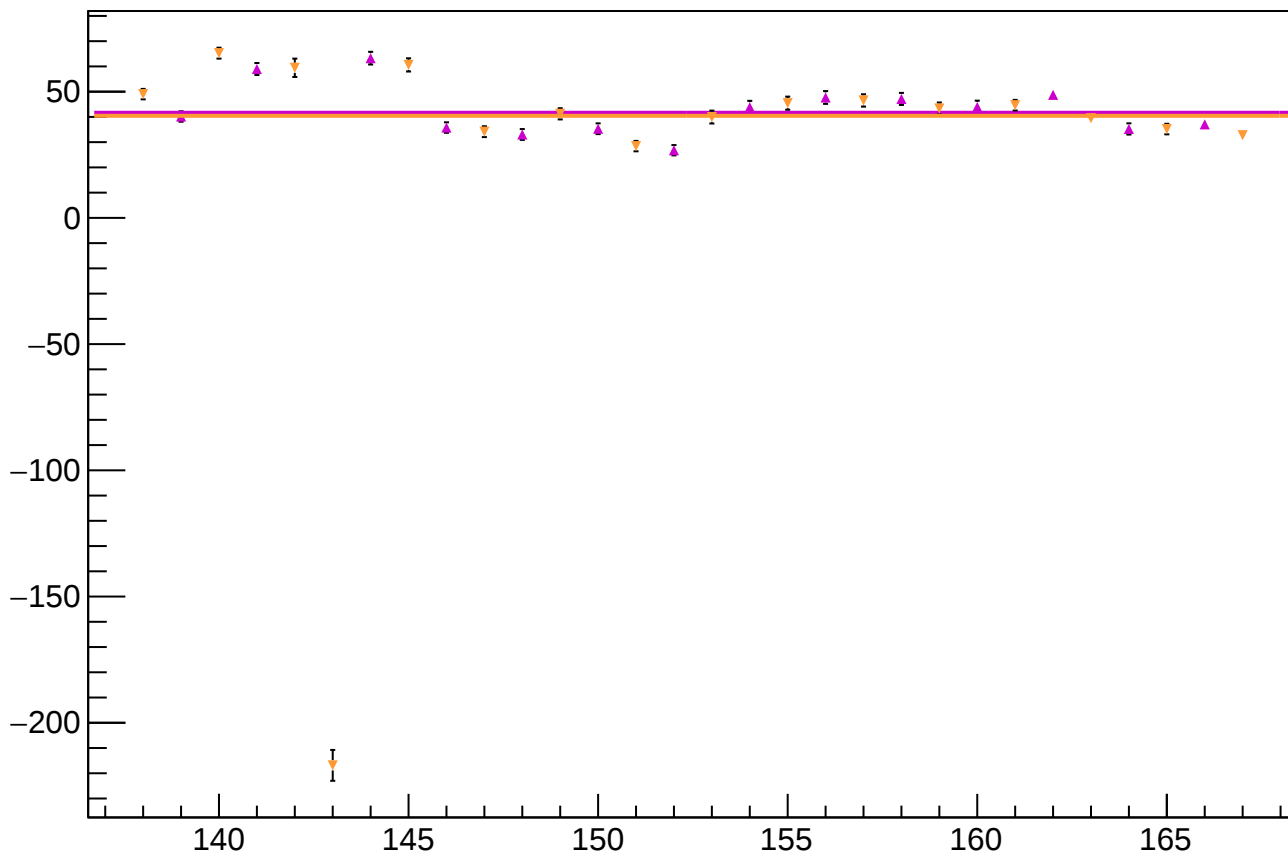
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -266.877+/-0.087 χ^2/NDF : 249309.3/30

Out: -255.210+/-0.081 χ^2/NDF : 365745.8/34

All: -260.673+/-0.059 χ^2/NDF : 624652.2/65

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: 40.439+/-0.576 χ^2/NDF :2090.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.643+/-0.590 χ^2/NDF :253.3/13

Left: 41.026+/-0.412 χ^2/NDF : 2346.1/29

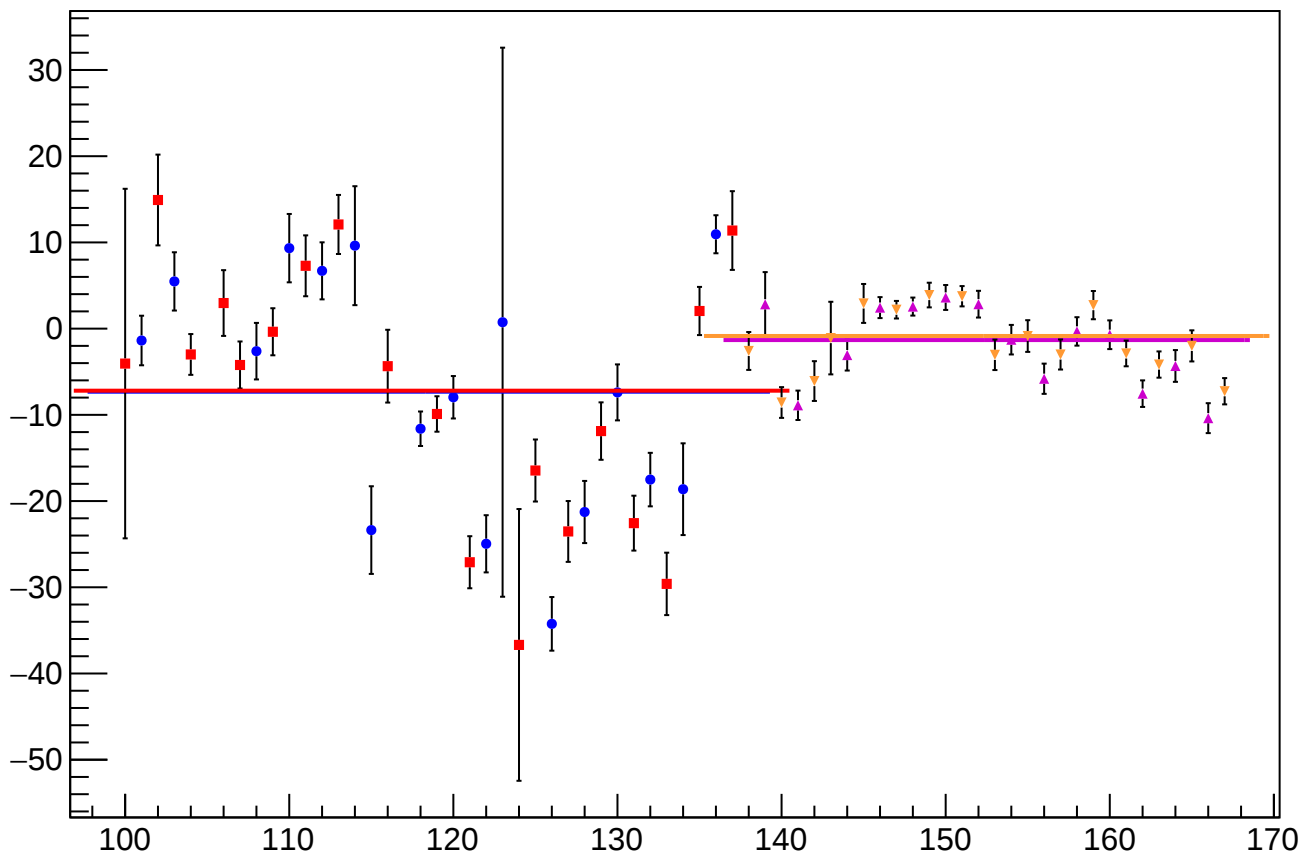
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.643+/-0.590 χ^2/NDF :253.3/13

Out: 40.439+/-0.576 χ^2/NDF :2090.7/15

All: 41.026+/-0.412 χ^2/NDF : 2346.1/29

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: -0.852 ± 0.406 χ^2/NDF : 95.1/15

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.327 ± 0.421 χ^2/NDF : 117.4/13

Left: -1.081 ± 0.292 χ^2/NDF : 213.1/29

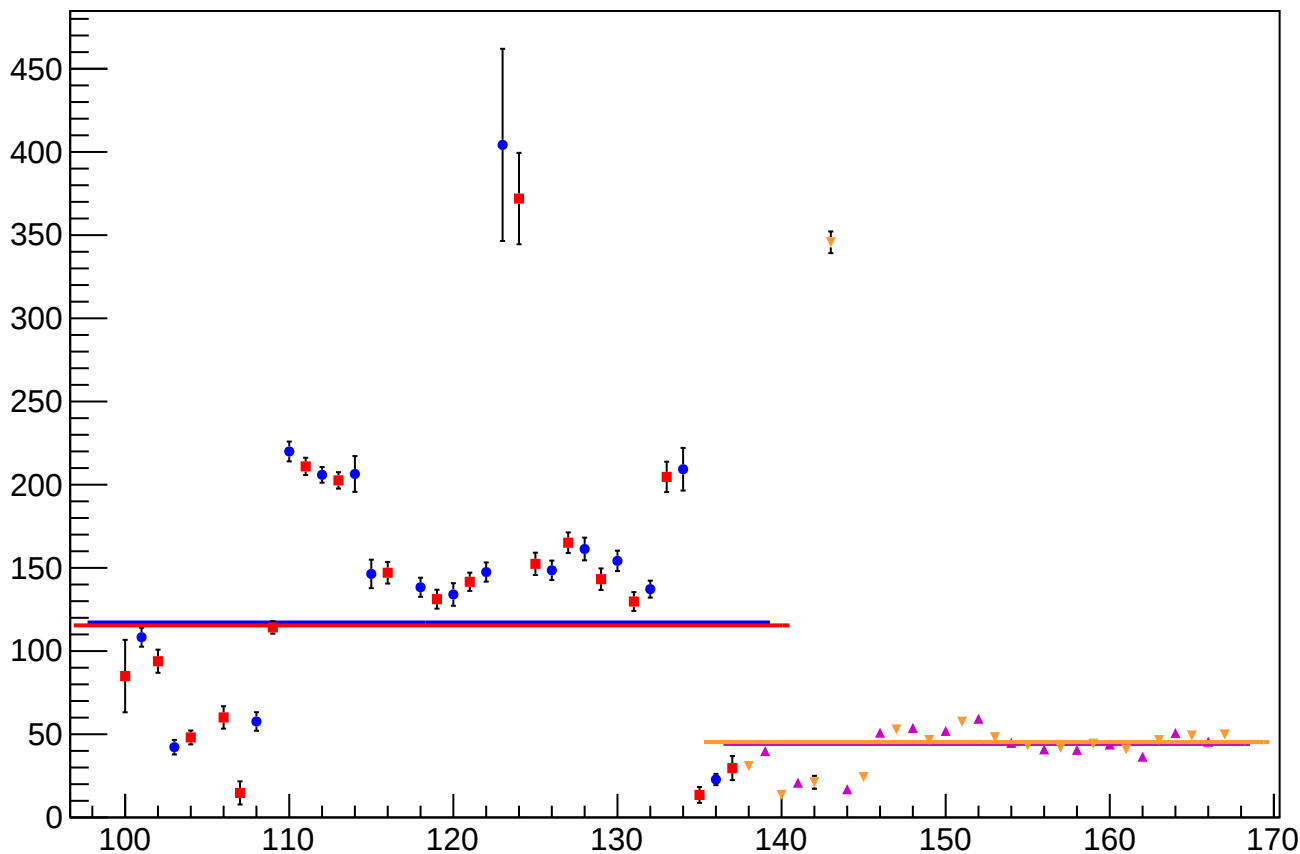
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.675 ± 0.370 χ^2/NDF : 442.1/30

Out: -2.256 ± 0.358 χ^2/NDF : 401.3/34

All: -2.458 ± 0.257 χ^2/NDF : 844.1/65

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 45.295+/-0.564 χ^2/NDF :2525.2/15

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.175+/-0.575 χ^2/NDF :331.7/13

Left: 44.746+/-0.402 χ^2/NDF : 2858.9/29

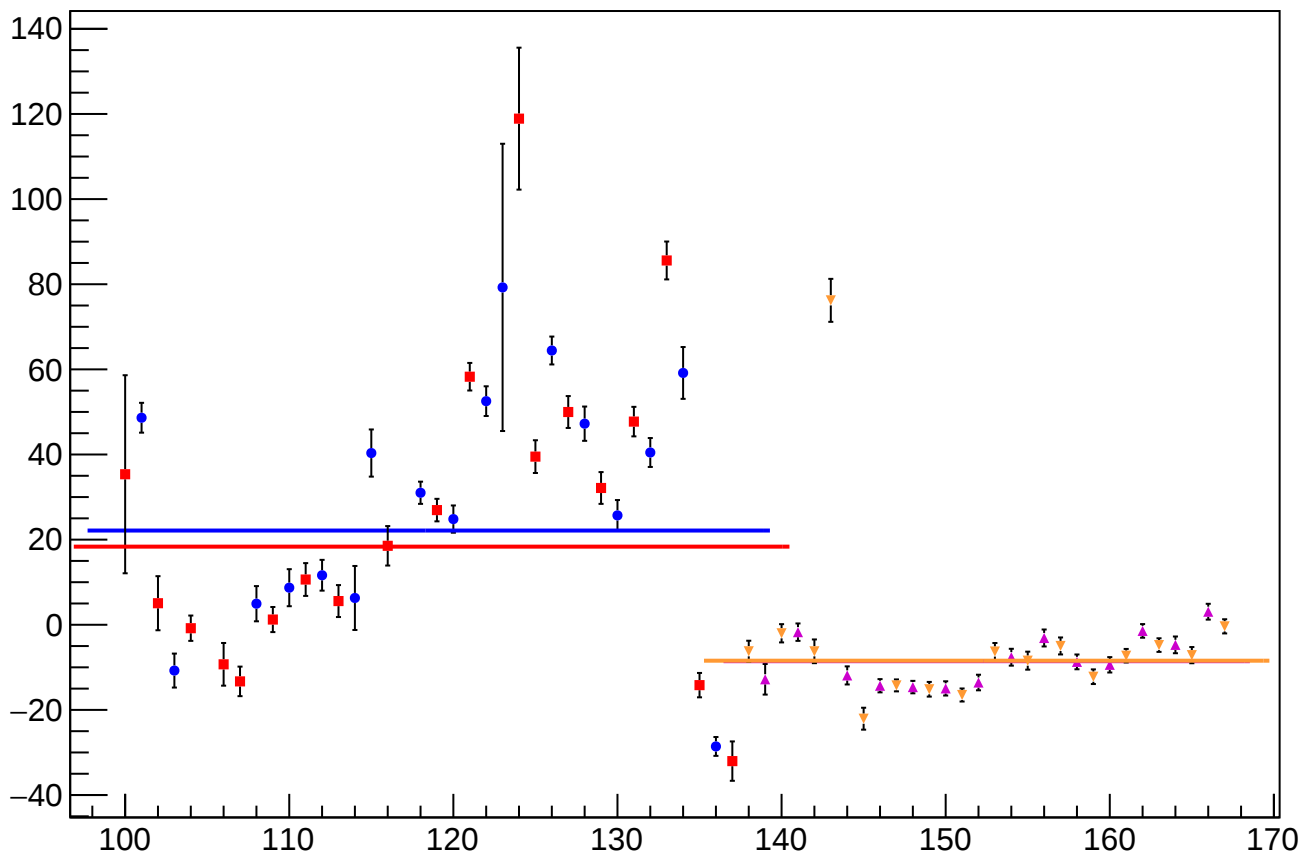
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 54.557+/-0.532 χ^2/NDF :4786.3/30

Out: 55.574+/-0.521 χ^2/NDF :6944.8/34

All: 55.077+/-0.372 χ^2/NDF : 11732.9/65

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -8.441 $\pm$ 0.474 χ^2 /NDF: 418.4/15

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -8.559 $\pm$ 0.491 χ^2 /NDF: 138.7/13

Left: -8.498 $\pm$ 0.341 χ^2 /NDF: 557.1/29

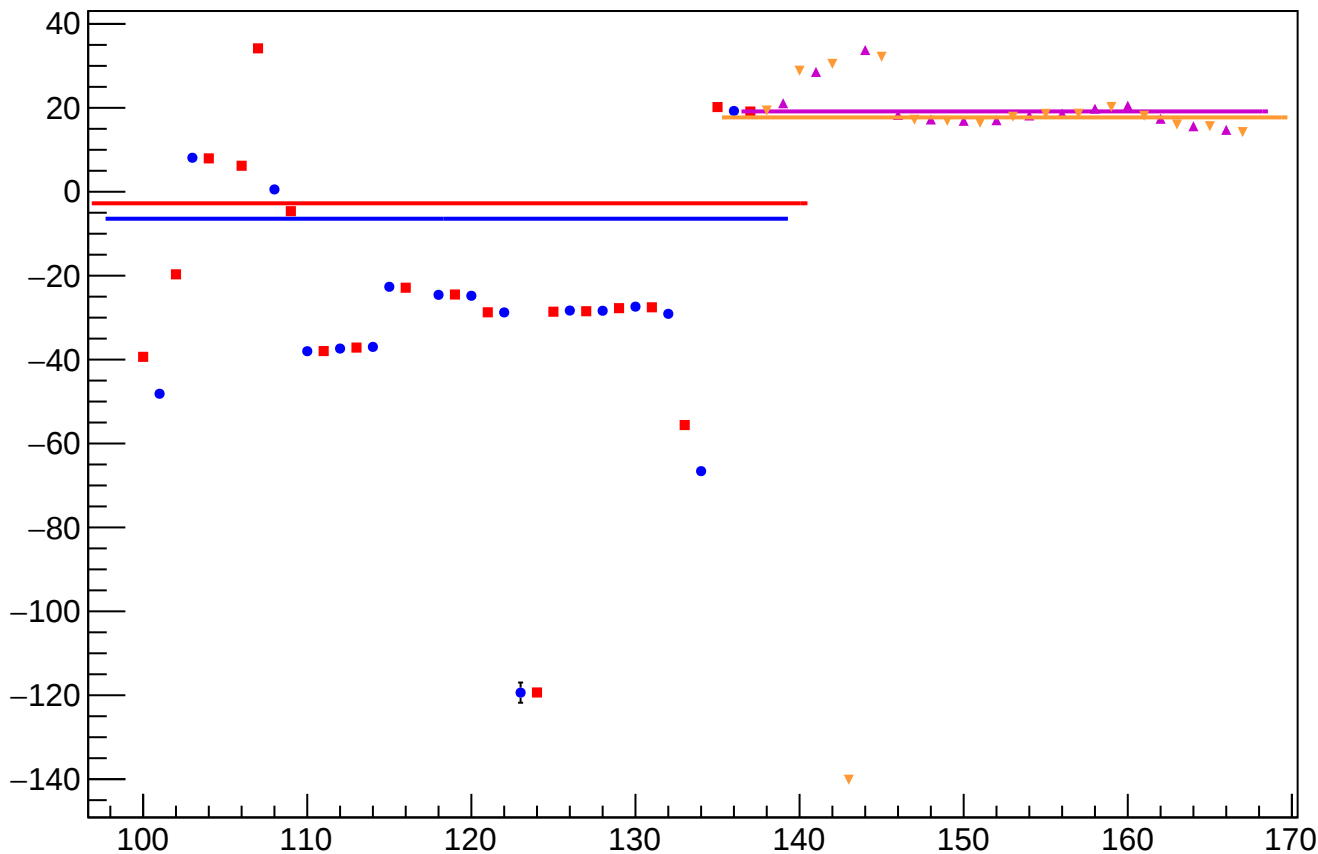
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: -1.421 $\pm$ 0.430 χ^2 /NDF: 2113.3/30

Out: -2.327 $\pm$ 0.416 χ^2 /NDF: 2219.1/34

All: -1.888 $\pm$ 0.299 χ^2 /NDF: 4334.7/65

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: 17.719 ± 0.022 χ^2/NDF : 404482.3/15

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 19.147 ± 0.023 χ^2/NDF : 31765.6/13

Left: 18.417 ± 0.016 χ^2/NDF : 438268.5/29

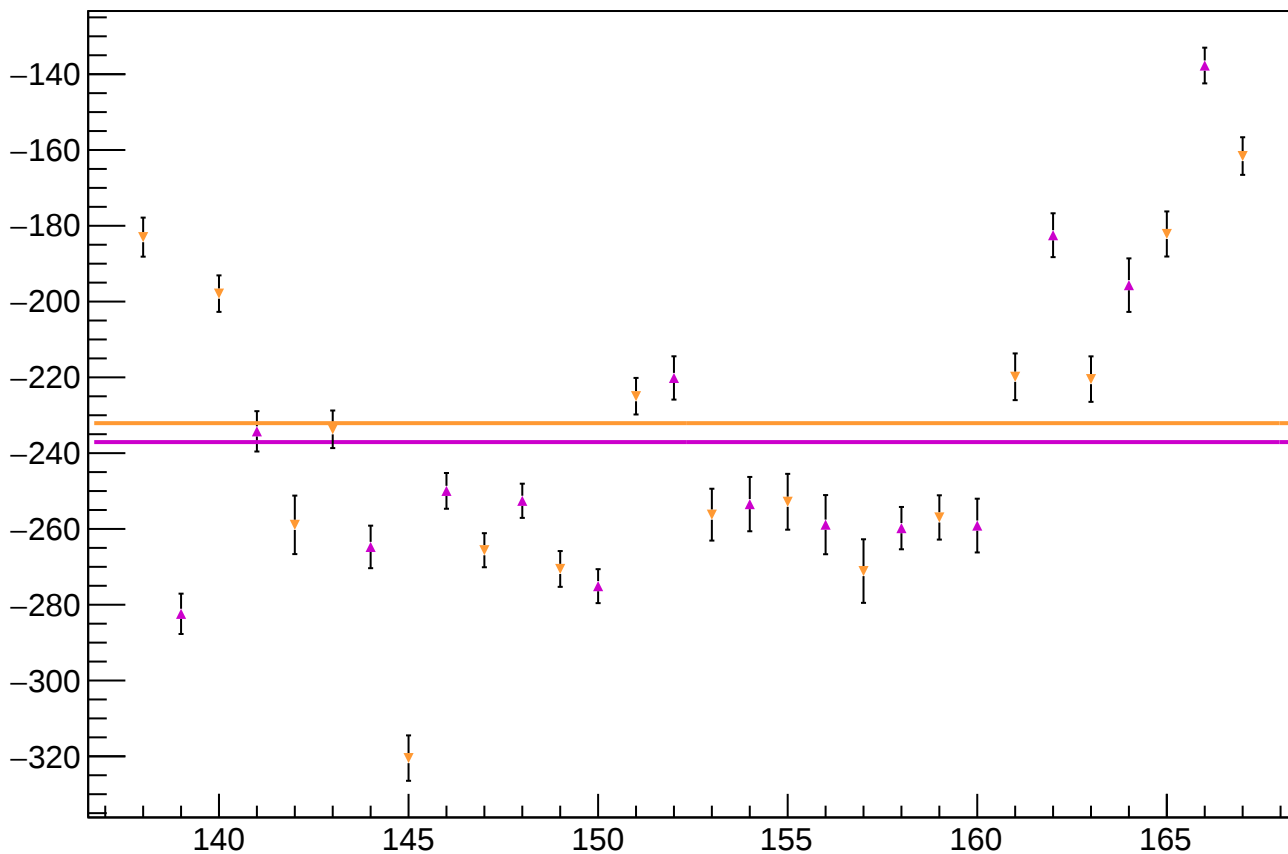
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 14.172 ± 0.020 χ^2/NDF : 543625.9/30

Out: 13.807 ± 0.020 χ^2/NDF : 833226.2/34

All: 13.986 ± 0.014 χ^2/NDF : 1377016.1/65

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: -232.084 ± 1.401 χ^2/NDF : 834.9/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -237.083 ± 1.475 χ^2/NDF : 804.1/13

Left: -234.455 ± 1.016 χ^2/NDF : 1645.1/29

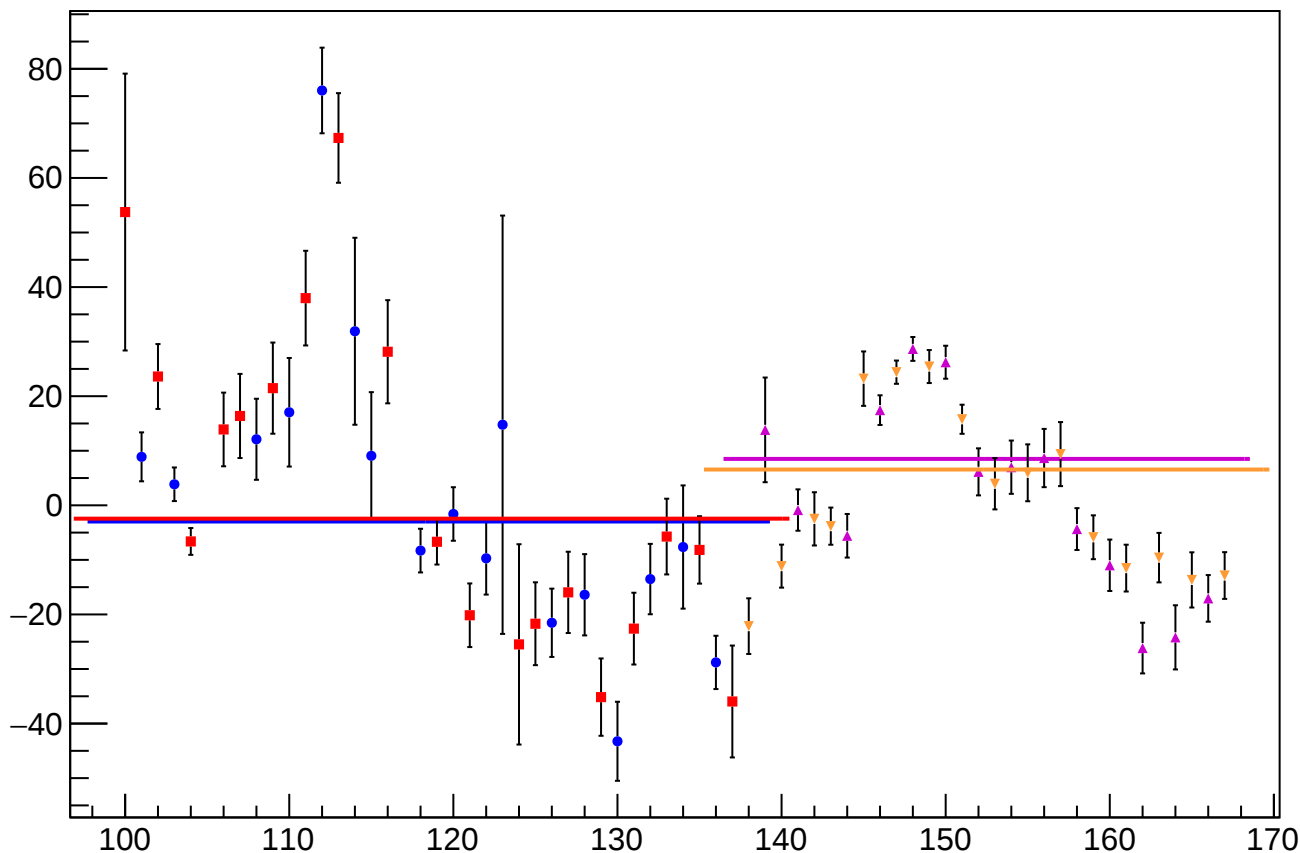
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -237.083 ± 1.475 χ^2/NDF : 804.1/13

Out: -232.084 ± 1.401 χ^2/NDF : 834.9/15

All: -234.455 ± 1.016 χ^2/NDF : 1645.1/29

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: 6.558 ± 0.949 χ^2/NDF : 273.8/15

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 8.505 ± 1.015 χ^2/NDF : 300.2/13

Left: 7.466 ± 0.693 χ^2/NDF : 576.0/29

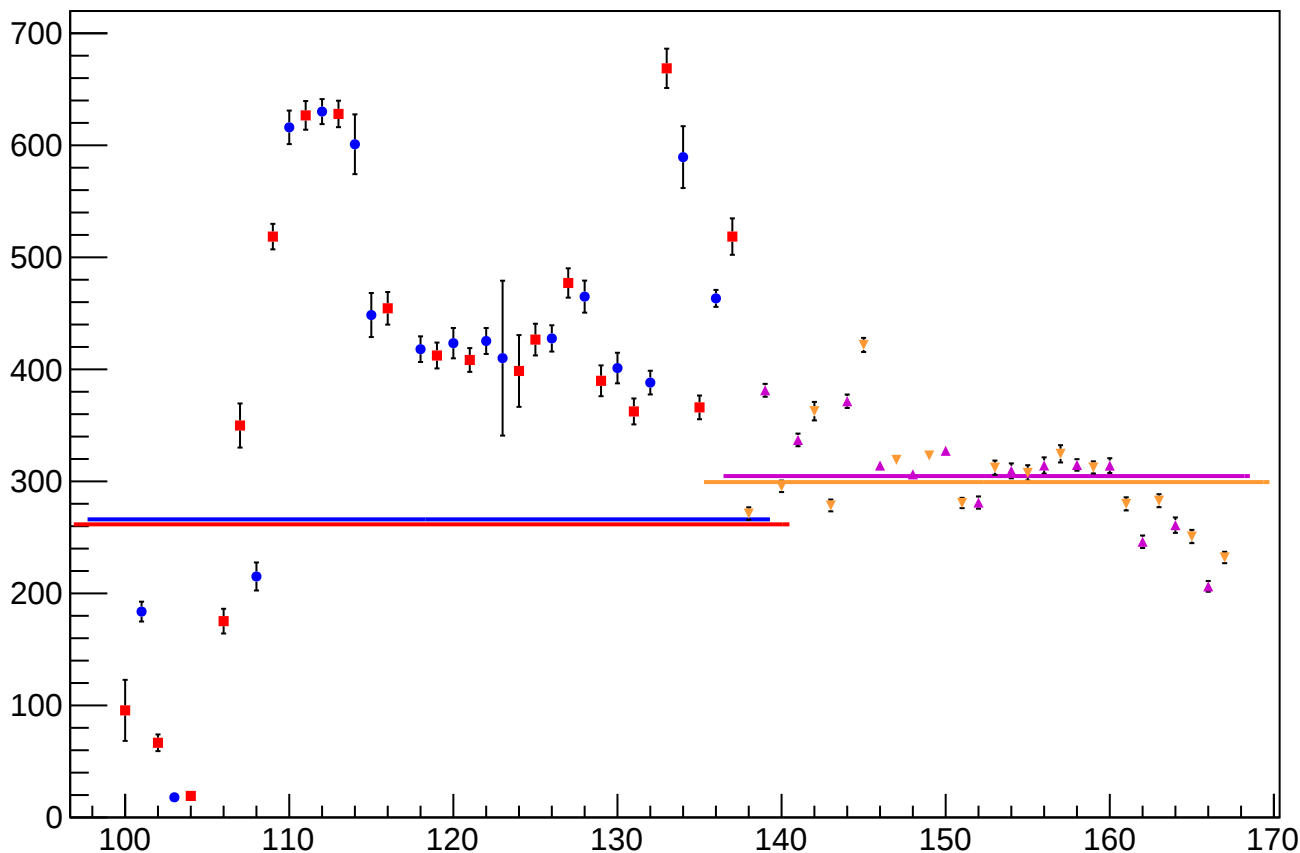
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 4.743 ± 0.832 χ^2/NDF : 545.7/30

Out: 3.716 ± 0.785 χ^2/NDF : 517.7/34

All: 4.200 ± 0.571 χ^2/NDF : 1064.1/65

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: 299.367 $\pm$ 1.381 χ^2 /NDF: 830.3/15

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 304.739 $\pm$ 1.438 χ^2 /NDF: 965.1/13

Left: 301.945 $\pm$ 0.996 χ^2 /NDF: 1802.6/29

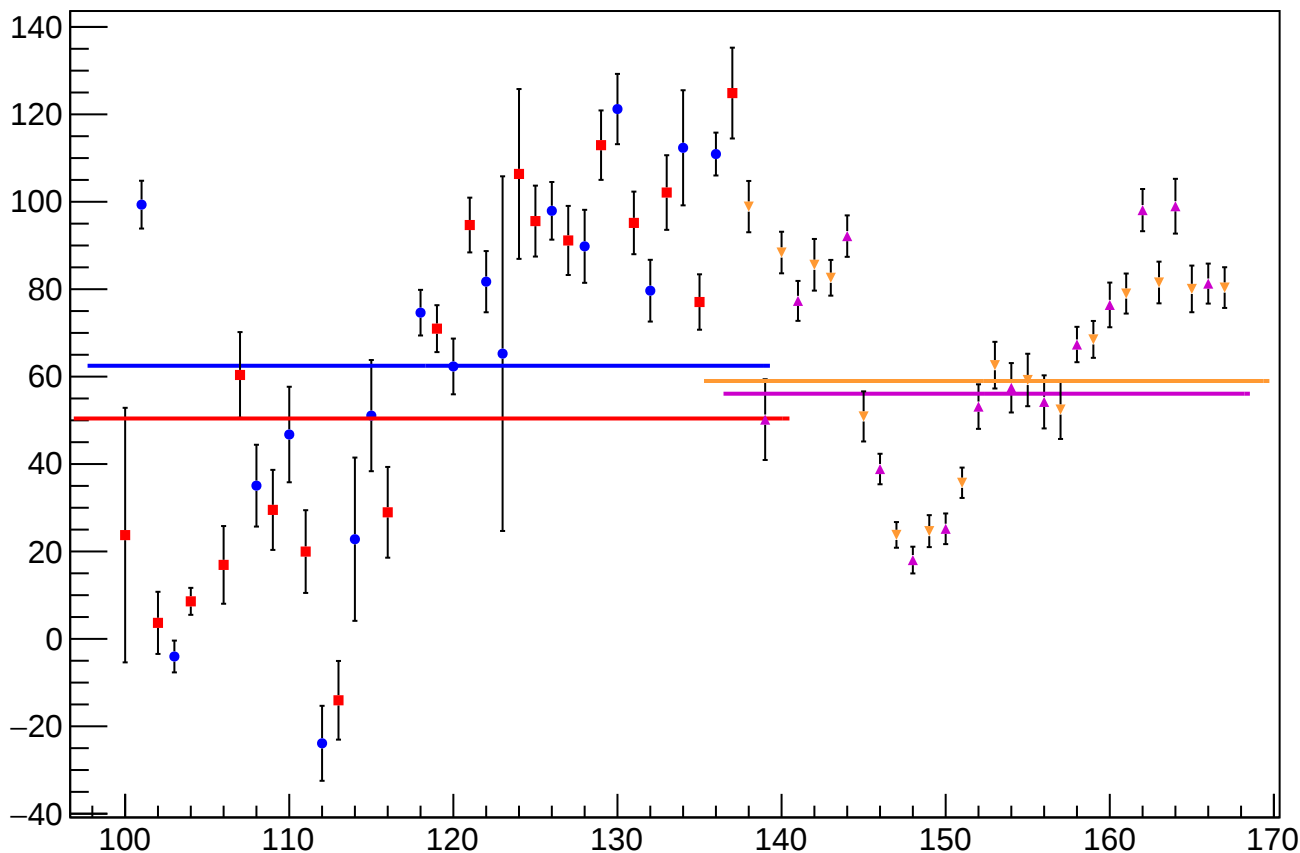
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 295.020 $\pm$ 1.244 χ^2 /NDF: 8790.7/30

Out: 290.303 $\pm$ 1.204 χ^2 /NDF: 9218.9/34

All: 292.585 $\pm$ 0.865 χ^2 /NDF: 18017.0/65

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: 59.001+/-1.132 χ^2 /NDF:501.4/15

Right Out: 50.421+/-1.642 χ^2 /NDF: 651.4/18

Left In: 56.091+/-1.207 χ^2 /NDF:513.6/13

Left: 57.638+/-0.826 χ^2 /NDF: 1018.1/29

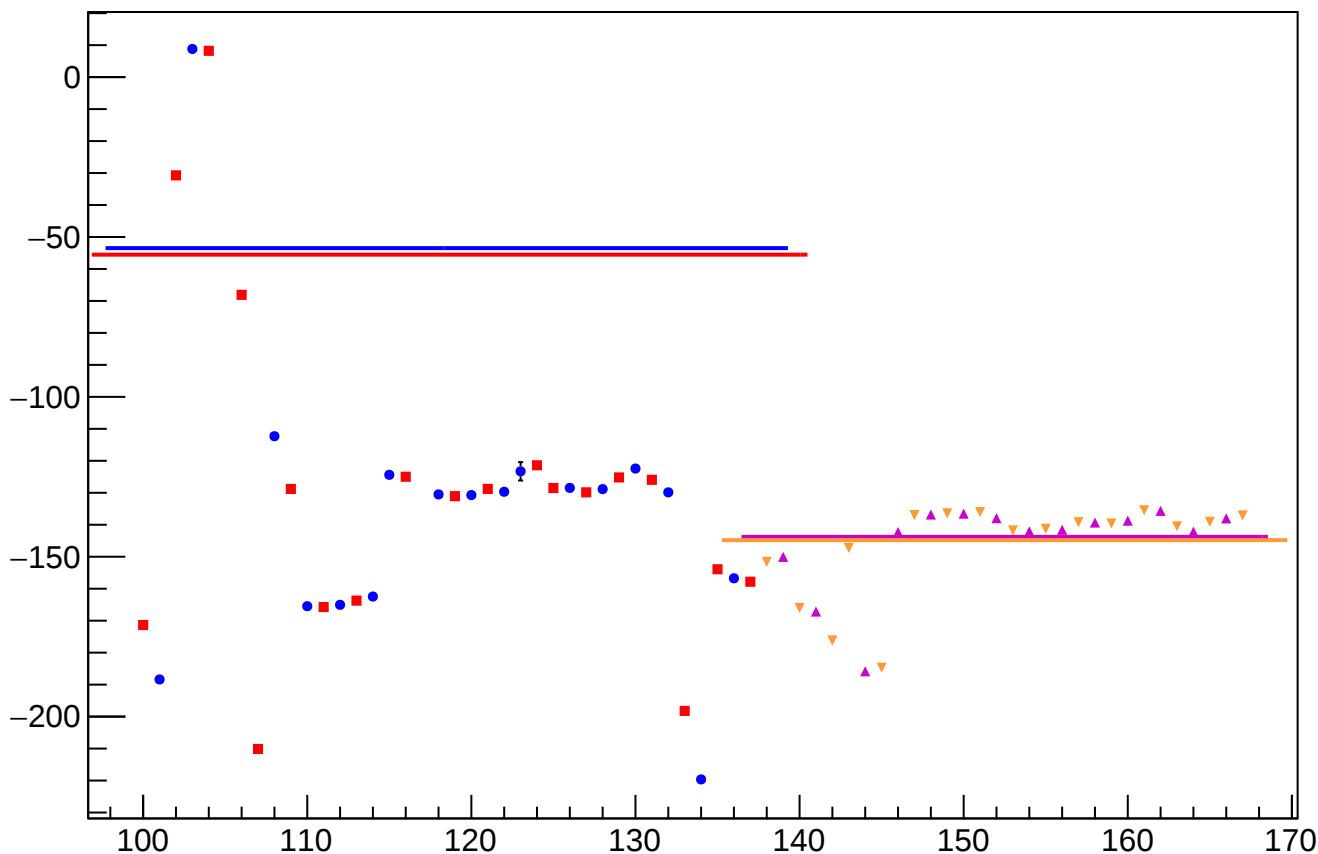
Right: 56.311+/-1.174 χ^2 /NDF: 1398.6/35

In: 58.265+/-0.980 χ^2 /NDF:1243.9/30

Out: 56.234+/-0.932 χ^2 /NDF:1171.4/34

All: 57.199+/-0.675 χ^2 /NDF: 2417.5/65

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -144.815 $\pm$ 0.056 χ^2 /NDF: 55832.1/15

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -143.795 $\pm$ 0.058 χ^2 /NDF: 44145.2/13

Left: -144.324 $\pm$ 0.040 χ^2 /NDF: 100139.2/29

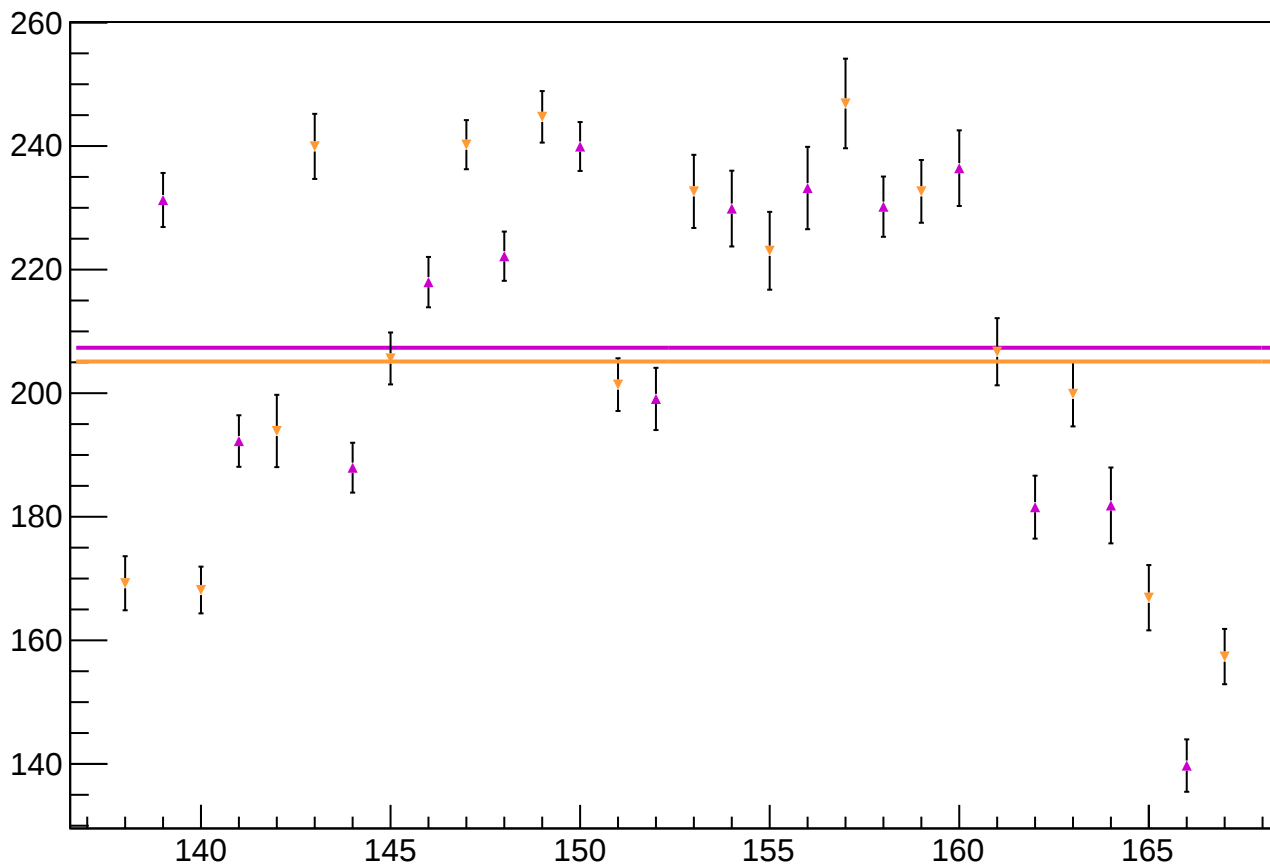
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -107.428 $\pm$ 0.045 χ^2 /NDF: 2258472.9/30

Out: -111.402 $\pm$ 0.044 χ^2 /NDF: 1991025.9/34

All: -109.444 $\pm$ 0.031 χ^2 /NDF: 4253522.6/65

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: 205.127+/-1.206 χ^2/NDF :638.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.355+/-1.254 χ^2/NDF :527.1/13

Left: 206.198+/-0.869 χ^2/NDF : 1167.4/29

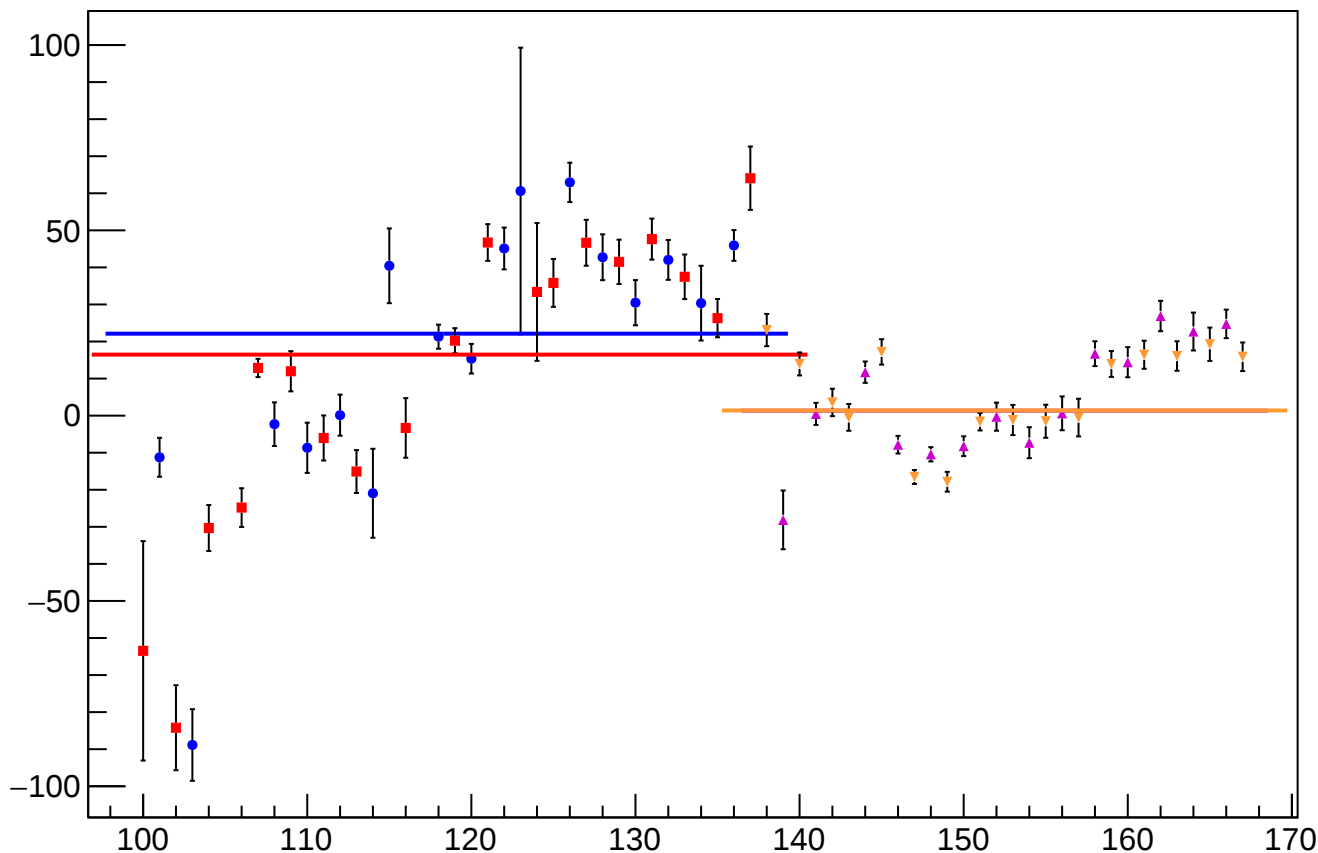
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.355+/-1.254 χ^2/NDF :527.1/13

Out: 205.127+/-1.206 χ^2/NDF :638.7/15

All: 206.198+/-0.869 χ^2/NDF : 1167.4/29

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 1.398 ± 0.823 $\chi^2/\text{NDF}: 280.5/15$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.342 ± 0.869 $\chi^2/\text{NDF}: 221.2/13$

Left: 1.372 ± 0.598 $\chi^2/\text{NDF}: 501.7/29$

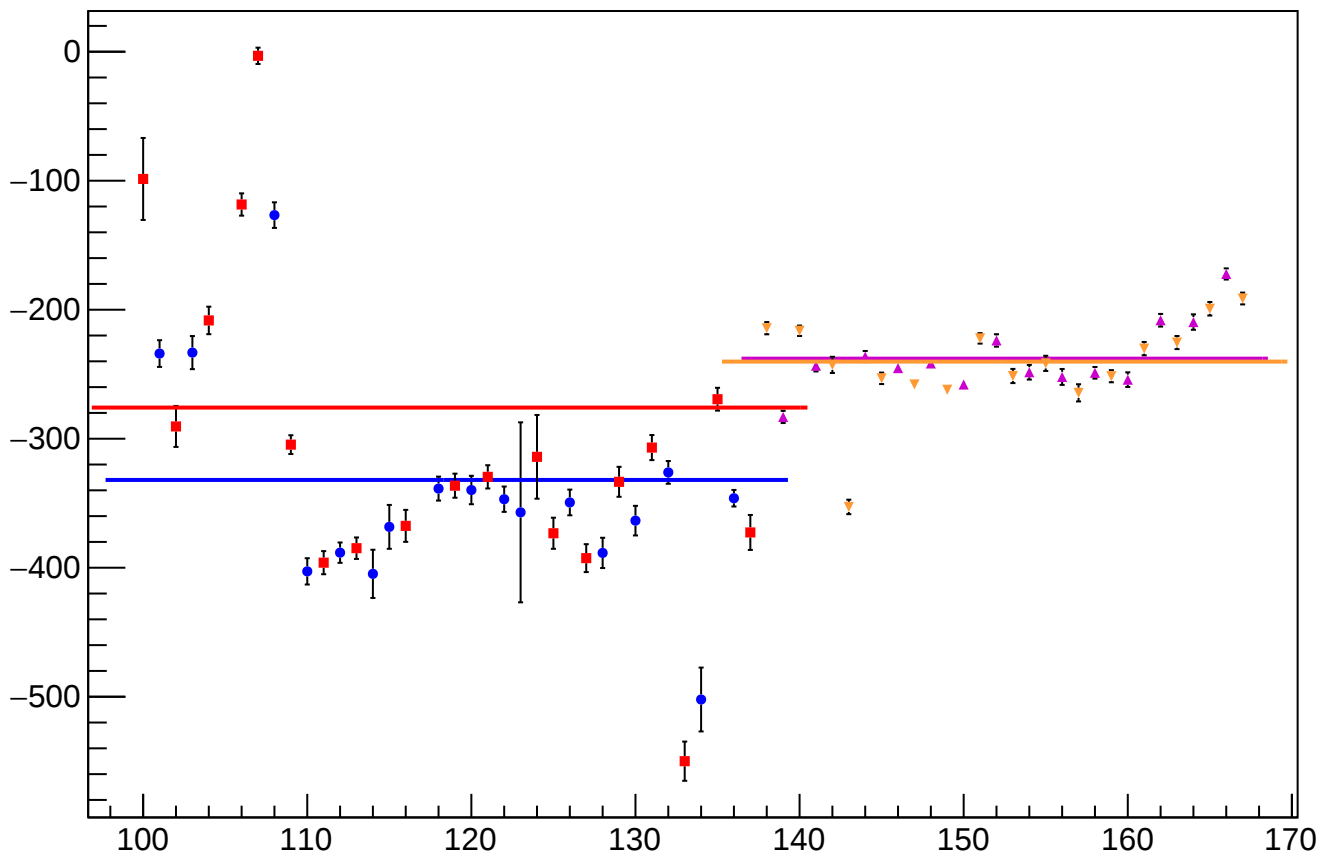
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 7.263 ± 0.735 $\chi^2/\text{NDF}: 766.1/30$

Out: 6.072 ± 0.684 $\chi^2/\text{NDF}: 808.5/34$

All: 6.625 ± 0.501 $\chi^2/\text{NDF}: 1576.0/65$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -240.218 ± 1.193 $\chi^2/\text{NDF}: 759.8/15$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -237.936 ± 1.228 $\chi^2/\text{NDF}: 448.1/13$

Left: -239.110 ± 0.856 $\chi^2/\text{NDF}: 1209.7/29$

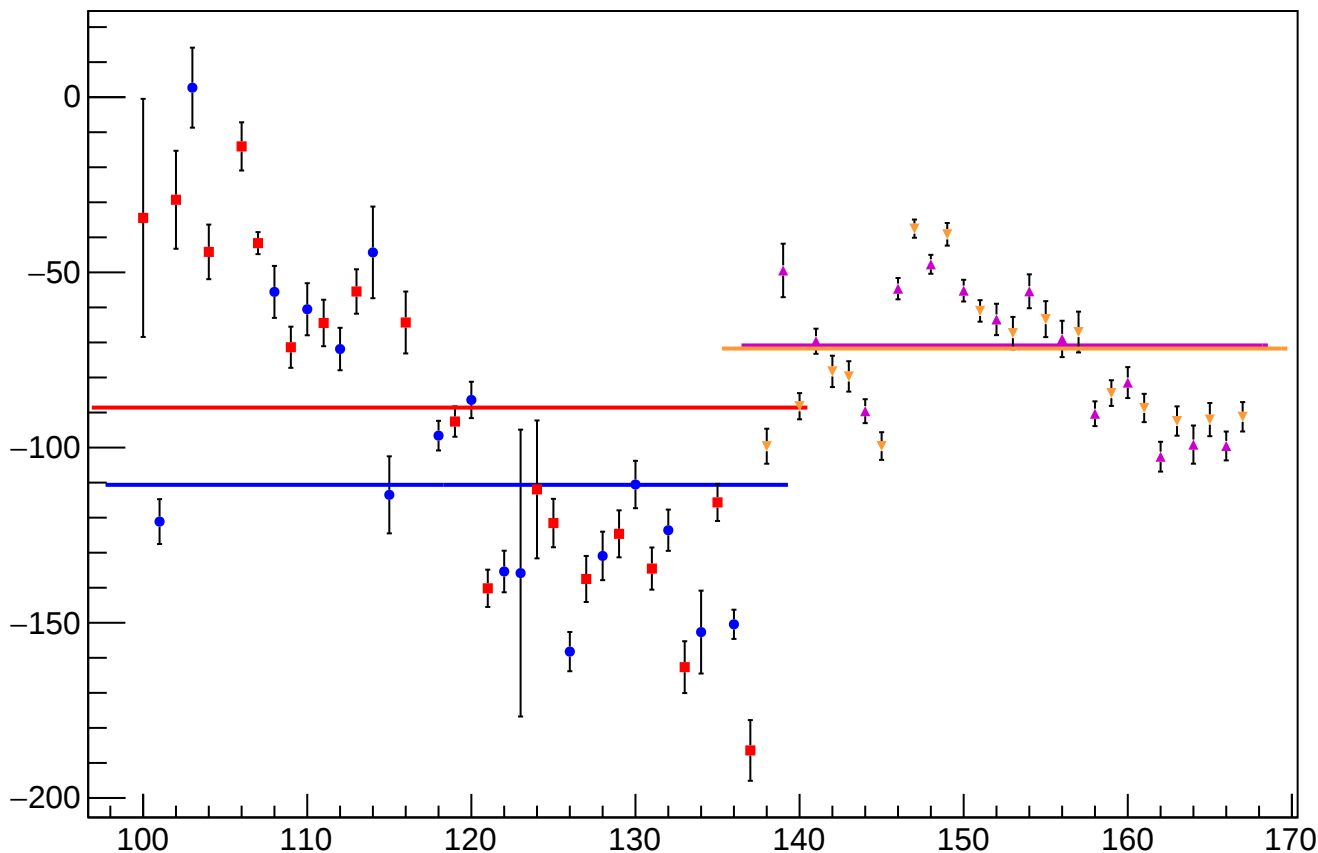
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -255.448 ± 1.108 $\chi^2/\text{NDF}: 2325.0/30$

Out: -247.657 ± 1.061 $\chi^2/\text{NDF}: 4307.6/34$

All: -251.386 ± 0.767 $\chi^2/\text{NDF}: 6658.3/65$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.734 ± 0.982 χ^2/NDF : 491.7/15

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -70.854 ± 1.032 χ^2/NDF : 346.0/13

Left: -71.316 ± 0.711 χ^2/NDF : 838.1/29

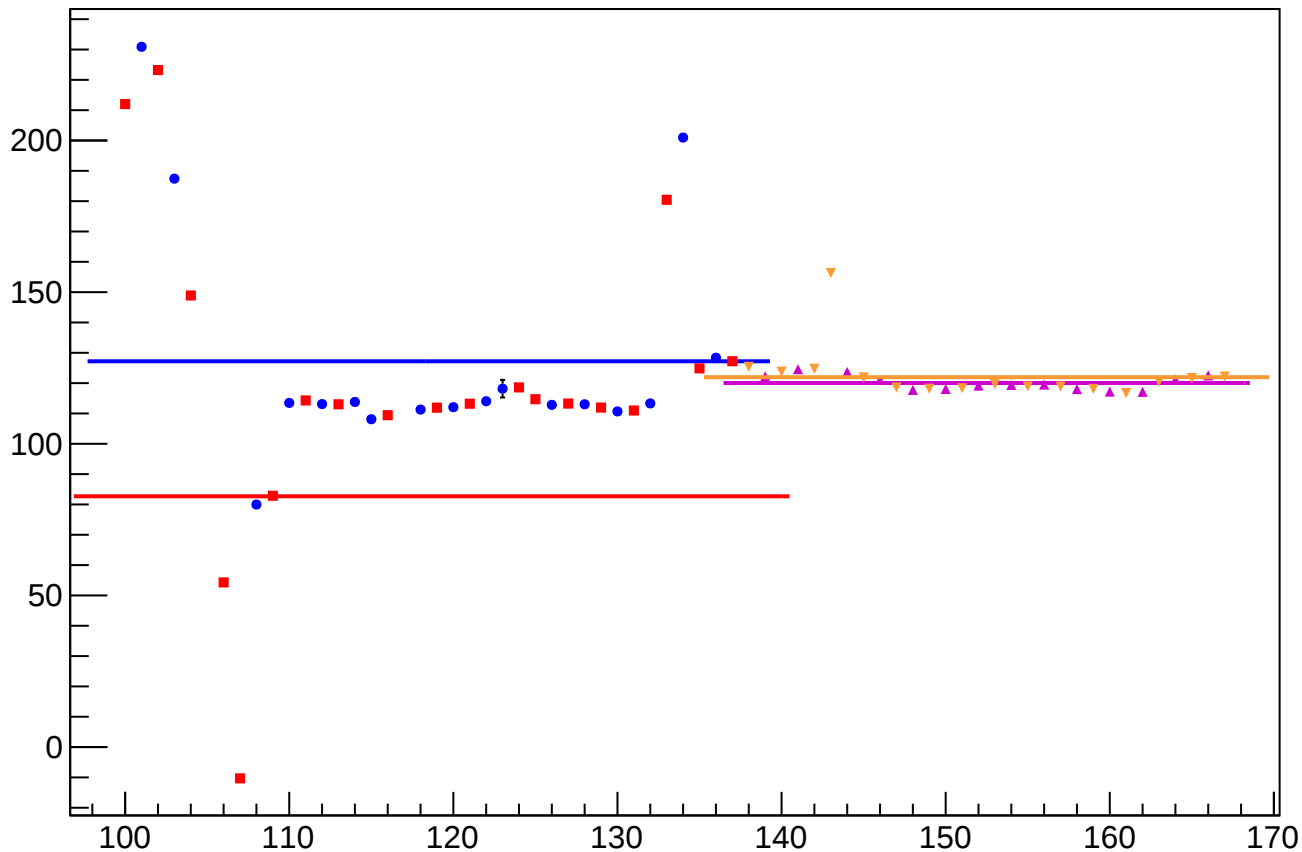
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -82.735 ± 0.864 χ^2/NDF : 1298.8/30

Out: -77.116 ± 0.810 χ^2/NDF : 1552.3/34

All: -79.744 ± 0.591 χ^2/NDF : 2873.6/65

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.958 $\pm$ 0.048 χ^2 /NDF: 26747.3/15

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.053 $\pm$ 0.049 χ^2 /NDF: 2382.9/13

Left: 121.032 $\pm$ 0.034 χ^2 /NDF: 29897.9/29

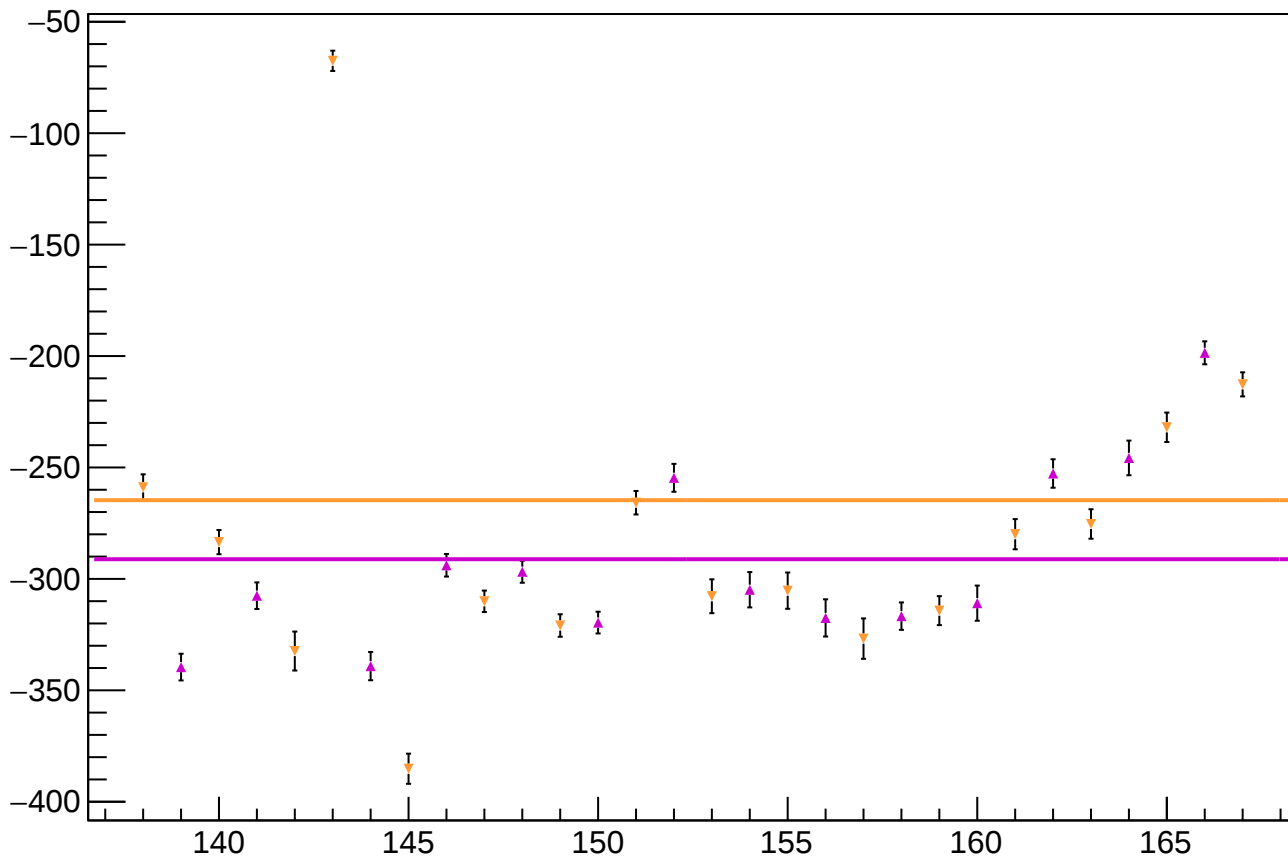
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.728 $\pm$ 0.043 χ^2 /NDF: 195339.6/30

Out: 110.620 $\pm$ 0.040 χ^2 /NDF: 985972.0/34

All: 115.818 $\pm$ 0.030 χ^2 /NDF: 1216594.4/65

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: -264.675+/-1.517 χ^2/NDF :2767.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -291.180+/-1.623 χ^2/NDF :629.4/13

Left: -277.028+/-1.108 χ^2/NDF : 3539.6/29

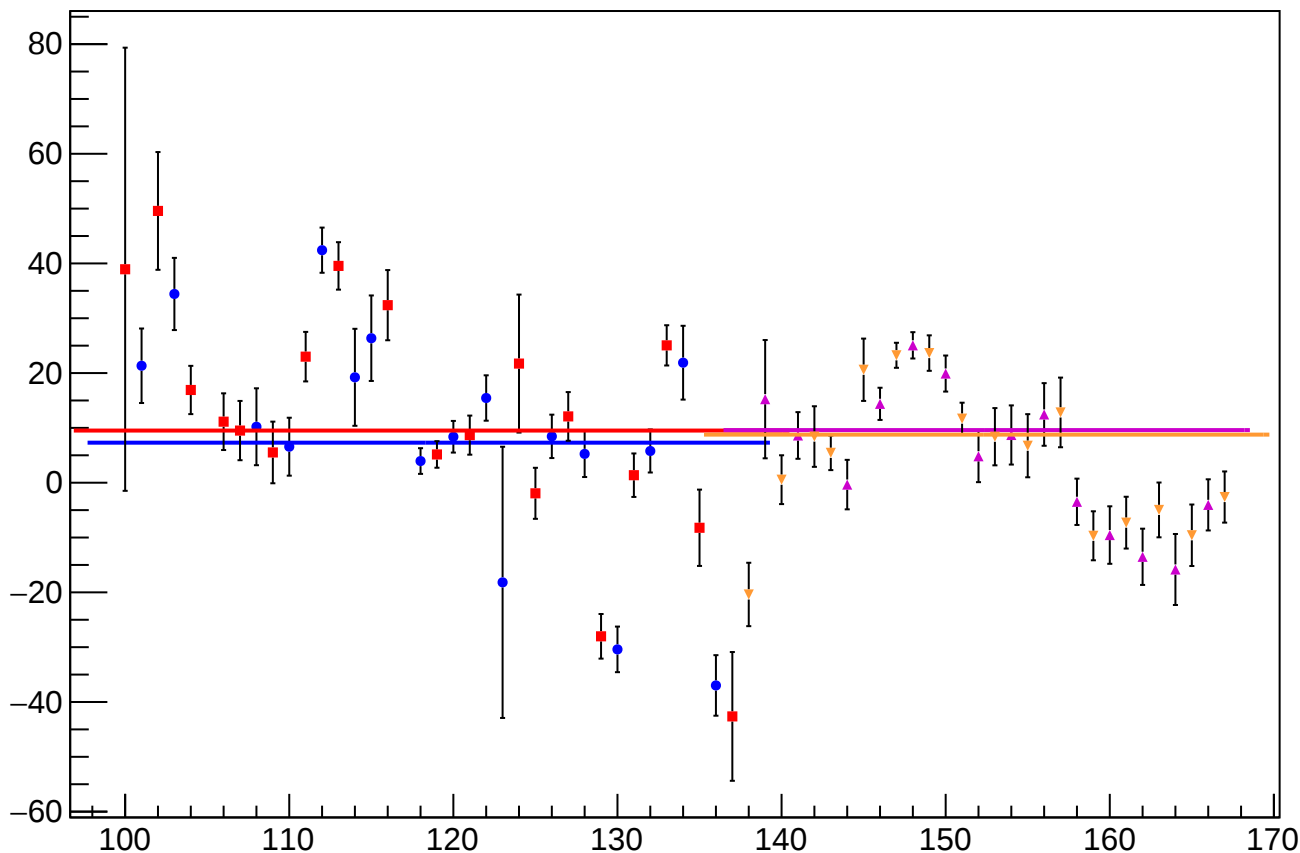
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -291.180+/-1.623 χ^2/NDF :629.4/13

Out: -264.675+/-1.517 χ^2/NDF :2767.8/15

All: -277.028+/-1.108 χ^2/NDF : 3539.6/29

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: 8.771 ± 1.024 $\chi^2/\text{NDF}: 149.9/15$

Right Out: 9.513 ± 1.073 $\chi^2/\text{NDF}: 231.7/18$

Left In: 9.599 ± 1.115 $\chi^2/\text{NDF}: 127.6/13$

Left: 9.150 ± 0.754 $\chi^2/\text{NDF}: 277.9/29$

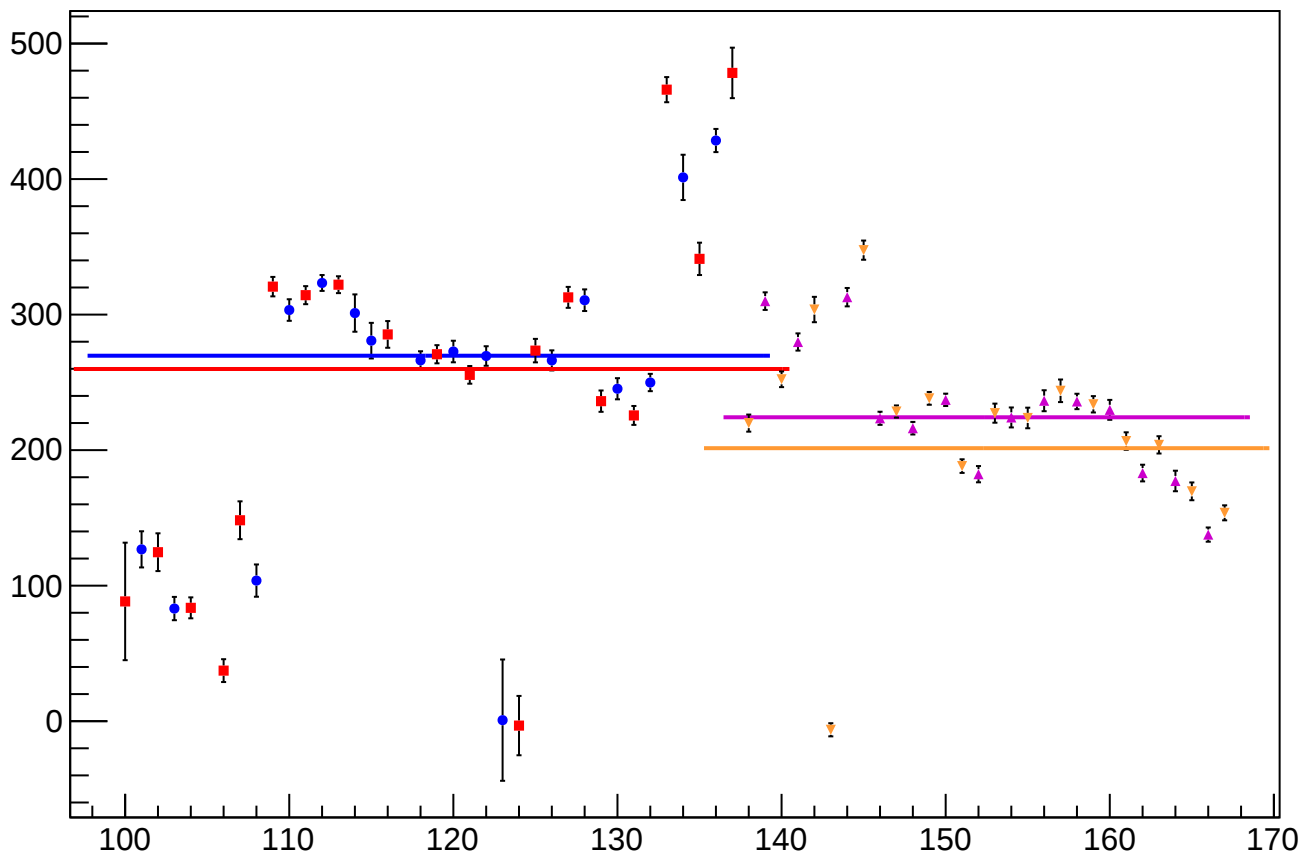
Right: 8.421 ± 0.763 $\chi^2/\text{NDF}: 494.4/35$

In: 8.420 ± 0.778 $\chi^2/\text{NDF}: 390.4/30$

Out: 9.125 ± 0.741 $\chi^2/\text{NDF}: 381.9/34$

All: 8.790 ± 0.536 $\chi^2/\text{NDF}: 772.7/65$

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: 201.441 $\pm$ 1.497 χ^2 /NDF: 2743.0/15

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 224.242 $\pm$ 1.581 χ^2 /NDF: 843.9/13

Left: 212.220 $\pm$ 1.087 χ^2 /NDF: 3696.6/29

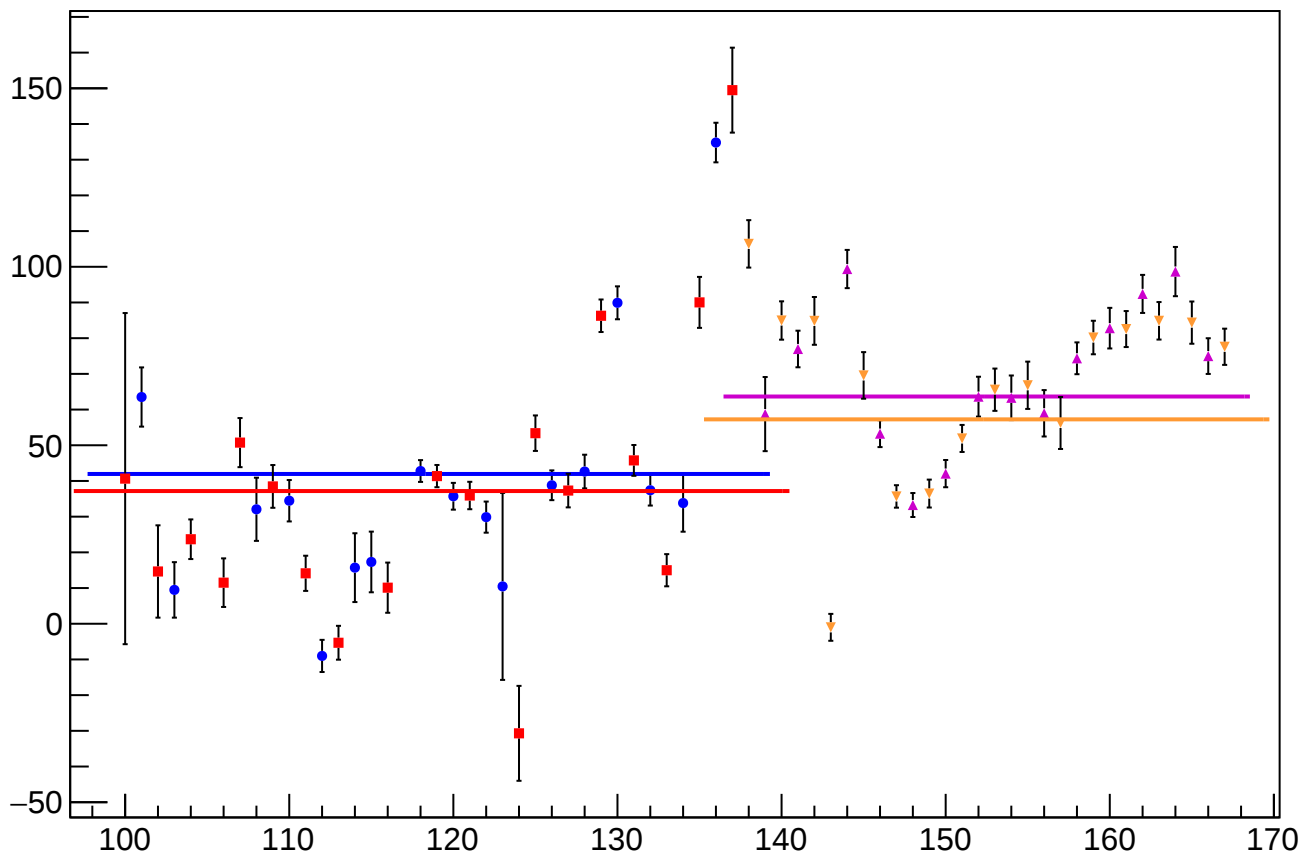
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 240.915 $\pm$ 1.258 χ^2 /NDF: 2523.5/30

Out: 222.737 $\pm$ 1.193 χ^2 /NDF: 5841.9/34

All: 231.348 $\pm$ 0.866 χ^2 /NDF: 8475.3/65

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: 57.258 $\pm$ 1.224 χ^2 /NDF: 535.8/15

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 63.658 $\pm$ 1.326 χ^2 /NDF: 250.6/13

Left: 60.202 $\pm$ 0.899 χ^2 /NDF: 799.1/29

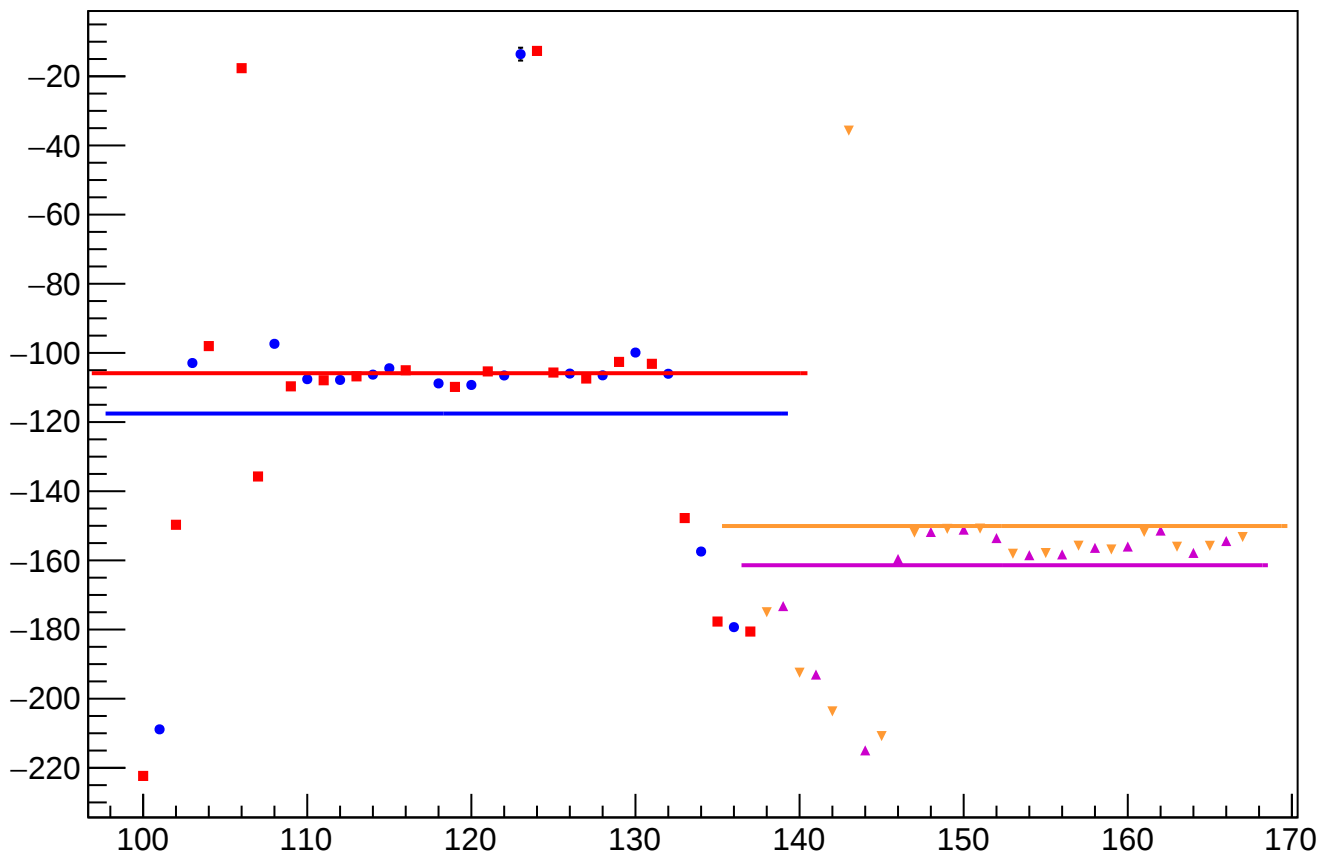
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.243 $\pm$ 0.913 χ^2 /NDF: 965.8/30

Out: 47.314 $\pm$ 0.869 χ^2 /NDF: 1140.1/34

All: 49.659 $\pm$ 0.629 χ^2 /NDF: 2121.2/65

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -150.064 ± 0.060 $\chi^2/\text{NDF}: 454305.2/15$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -161.403 ± 0.064 $\chi^2/\text{NDF}: 60594.9/13$

Left: -155.438 ± 0.044 $\chi^2/\text{NDF}: 531670.0/29$

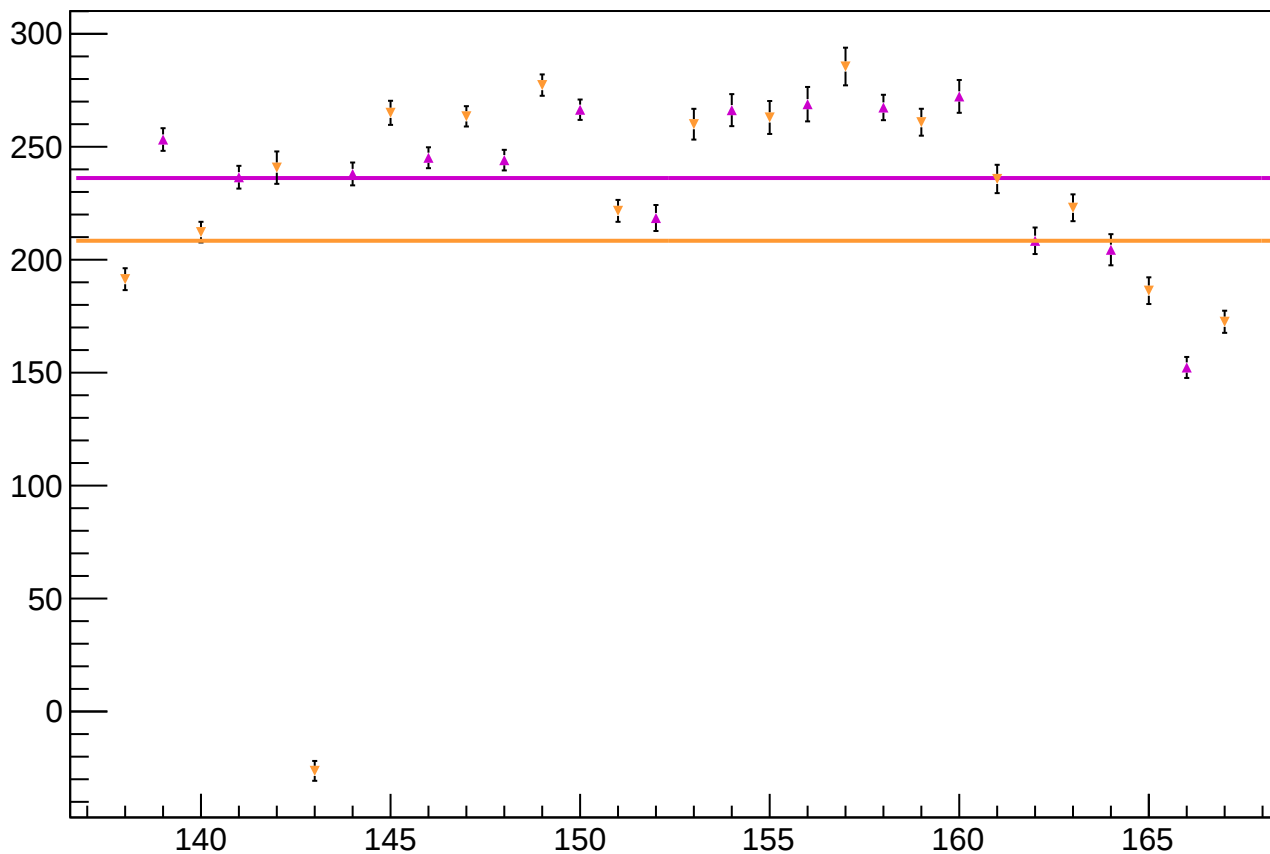
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -143.947 ± 0.049 $\chi^2/\text{NDF}: 392487.8/30$

Out: -132.079 ± 0.046 $\chi^2/\text{NDF}: 997354.9/34$

All: -137.659 ± 0.034 $\chi^2/\text{NDF}: 1420566.3/65$

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: 208.393+/-1.360 χ^2/NDF : 3735.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 236.162+/-1.448 χ^2/NDF : 534.0/13

Left: 221.409+/-0.992 χ^2/NDF : 4465.0/29

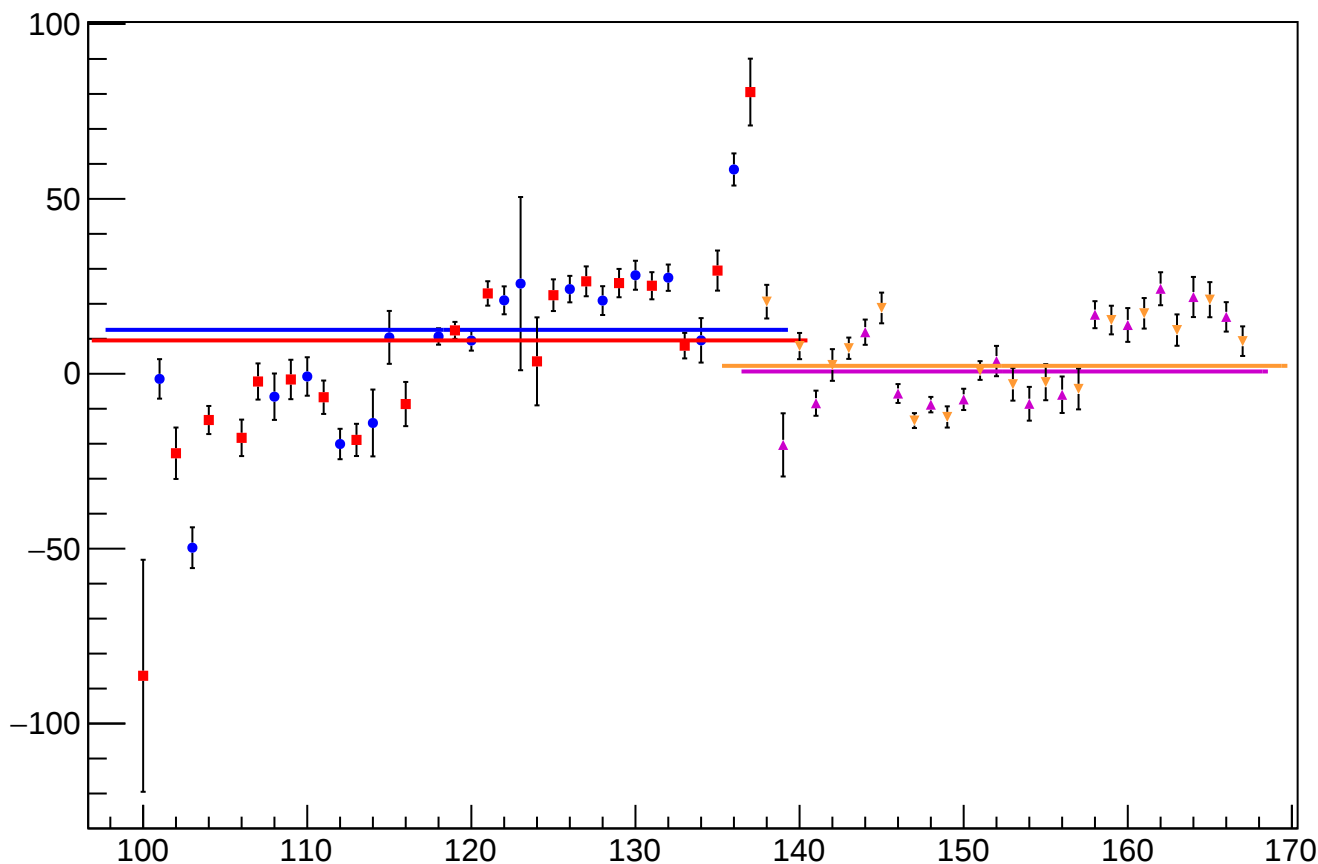
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 236.162+/-1.448 χ^2/NDF : 534.0/13

Out: 208.393+/-1.360 χ^2/NDF : 3735.7/15

All: 221.409+/-0.992 χ^2/NDF : 4465.0/29

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 2.269 $\pm$ 0.928 χ^2 /NDF:158.7/15

Right Out: 9.535 $\pm$ 1.049 χ^2 /NDF: 295.8/18

Left In: 0.655 $\pm$ 1.004 χ^2 /NDF:135.9/13

Left: 1.525 $\pm$ 0.682 χ^2 /NDF: 296.0/29

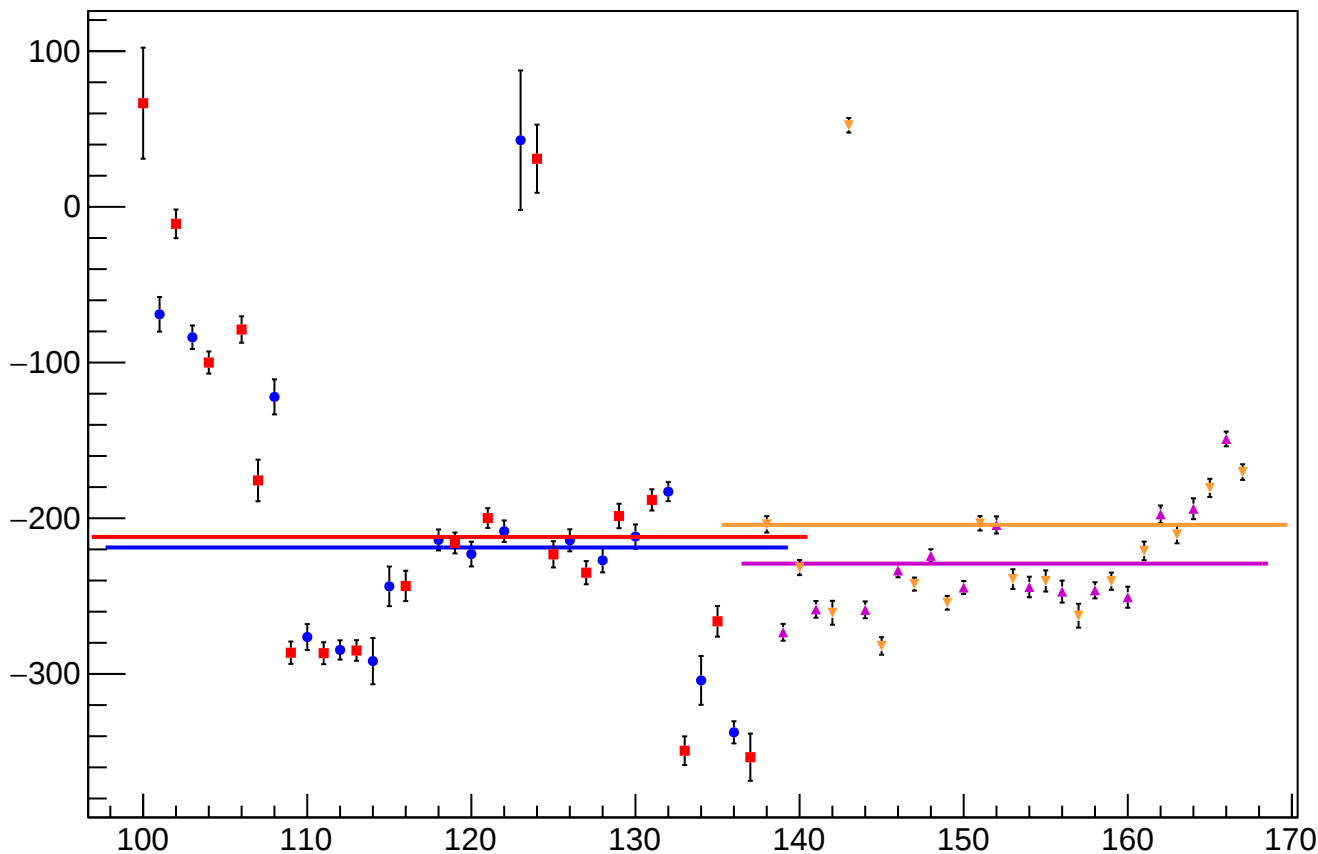
Right: 11.035 $\pm$ 0.745 χ^2 /NDF: 648.5/35

In: 6.300 $\pm$ 0.728 χ^2 /NDF:551.1/30

Out: 5.460 $\pm$ 0.695 χ^2 /NDF:481.5/34

All: 5.860 $\pm$ 0.503 χ^2 /NDF: 1033.3/65

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -204.231 ± 1.348 χ^2/NDF : 3713.4/15

Right Out: -212.004 ± 1.923 χ^2/NDF : 1885.7/18

Left In: -229.131 ± 1.417 χ^2/NDF : 540.0/13

Left: -216.062 ± 0.976 χ^2/NDF : 4415.6/29

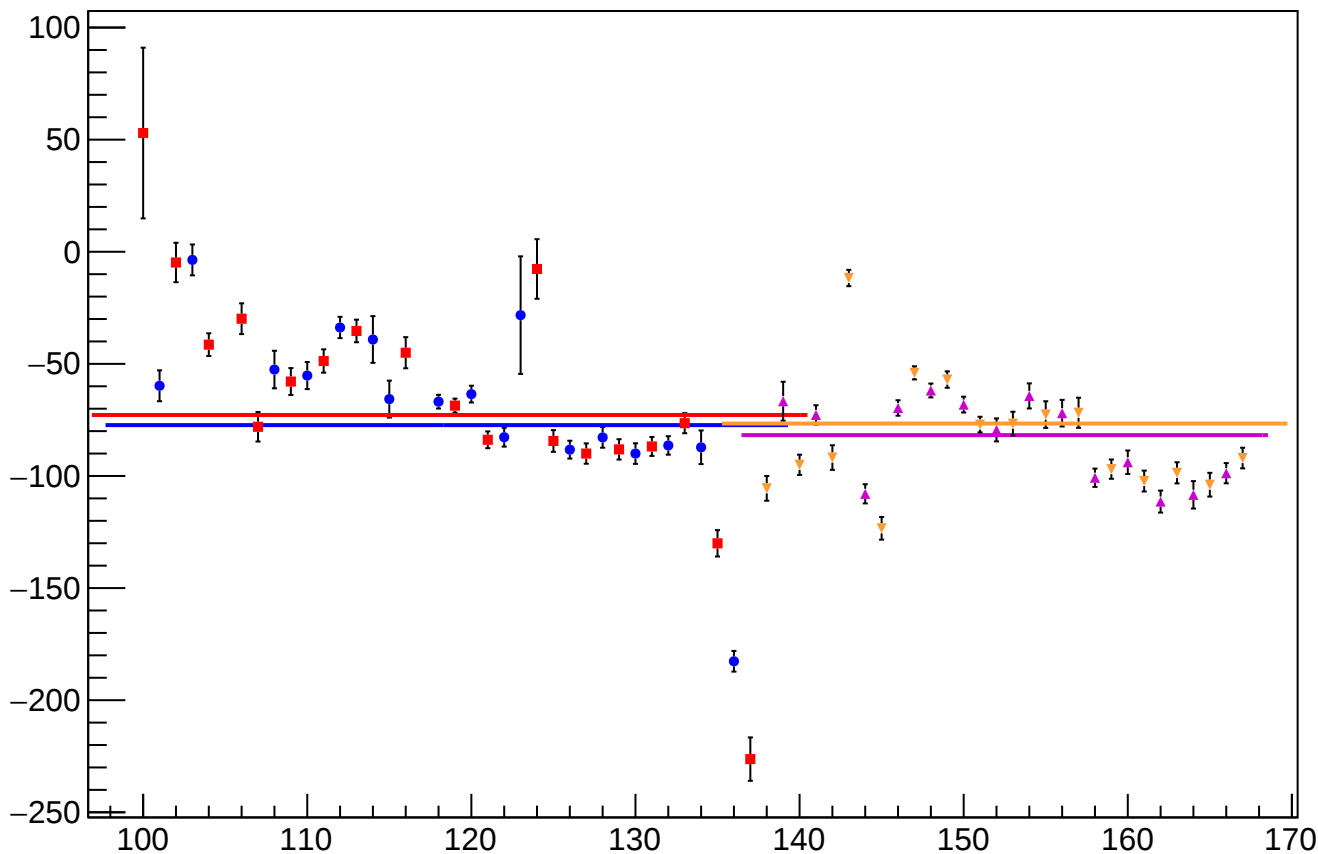
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -225.693 ± 1.158 χ^2/NDF : 1702.2/30

Out: -206.791 ± 1.104 χ^2/NDF : 5610.1/34

All: -215.789 ± 0.799 χ^2/NDF : 7451.8/65

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.621 ± 1.107 χ^2/NDF : 655.6/15

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -81.777 ± 1.193 χ^2/NDF : 223.0/13

Left: -79.007 ± 0.811 χ^2/NDF : 888.6/29

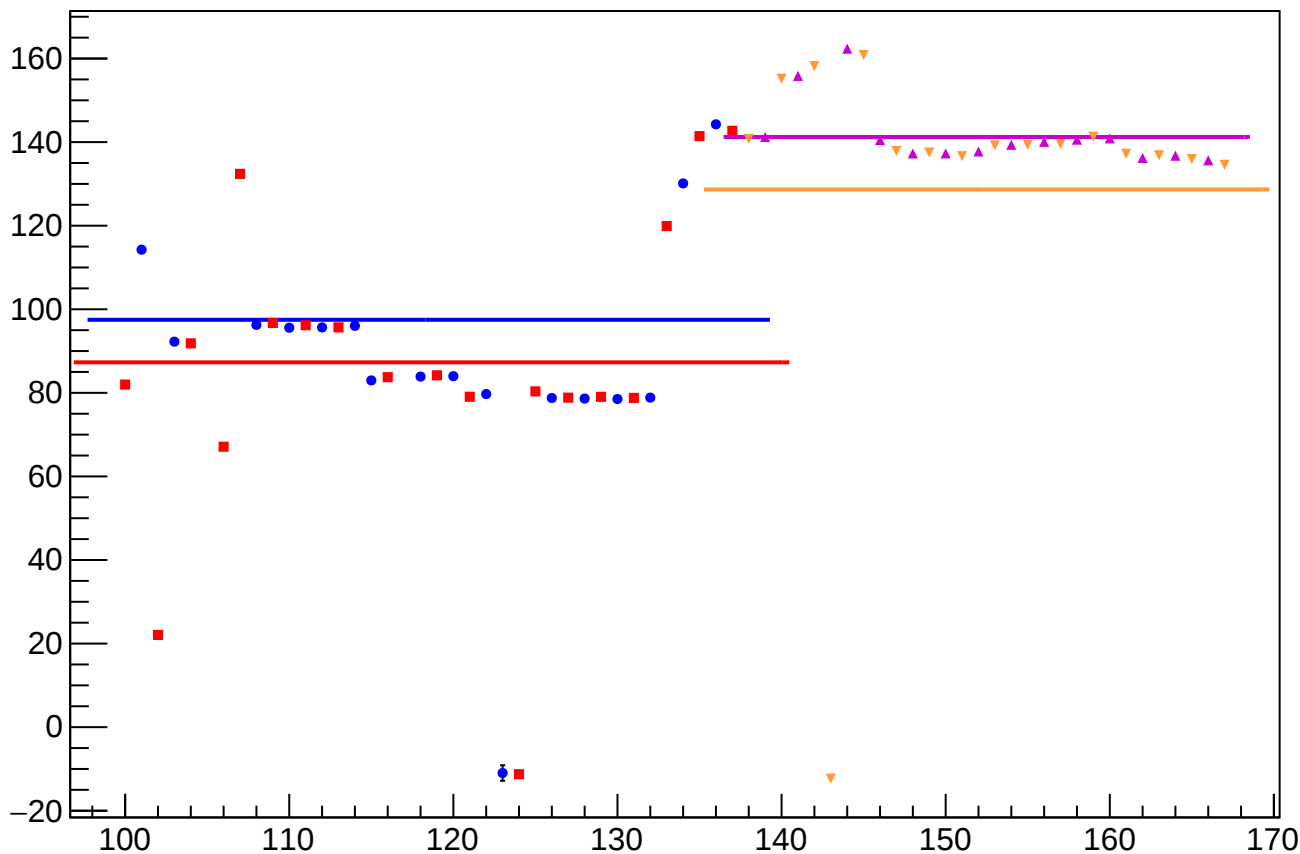
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.602 ± 0.853 χ^2/NDF : 1047.5/30

Out: -74.874 ± 0.816 χ^2/NDF : 1332.8/34

All: -77.132 ± 0.590 χ^2/NDF : 2396.3/65

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 ± 0.073 χ^2/NDF : 94392.9/16

Left Out: 128.669 ± 0.054 χ^2/NDF : 630586.1/15

Right Out: 87.299 ± 0.068 χ^2/NDF : 221885.0/18

Left In: 141.224 ± 0.057 χ^2/NDF : 15296.9/13

Left: 134.645 ± 0.039 χ^2/NDF : 671415.6/29

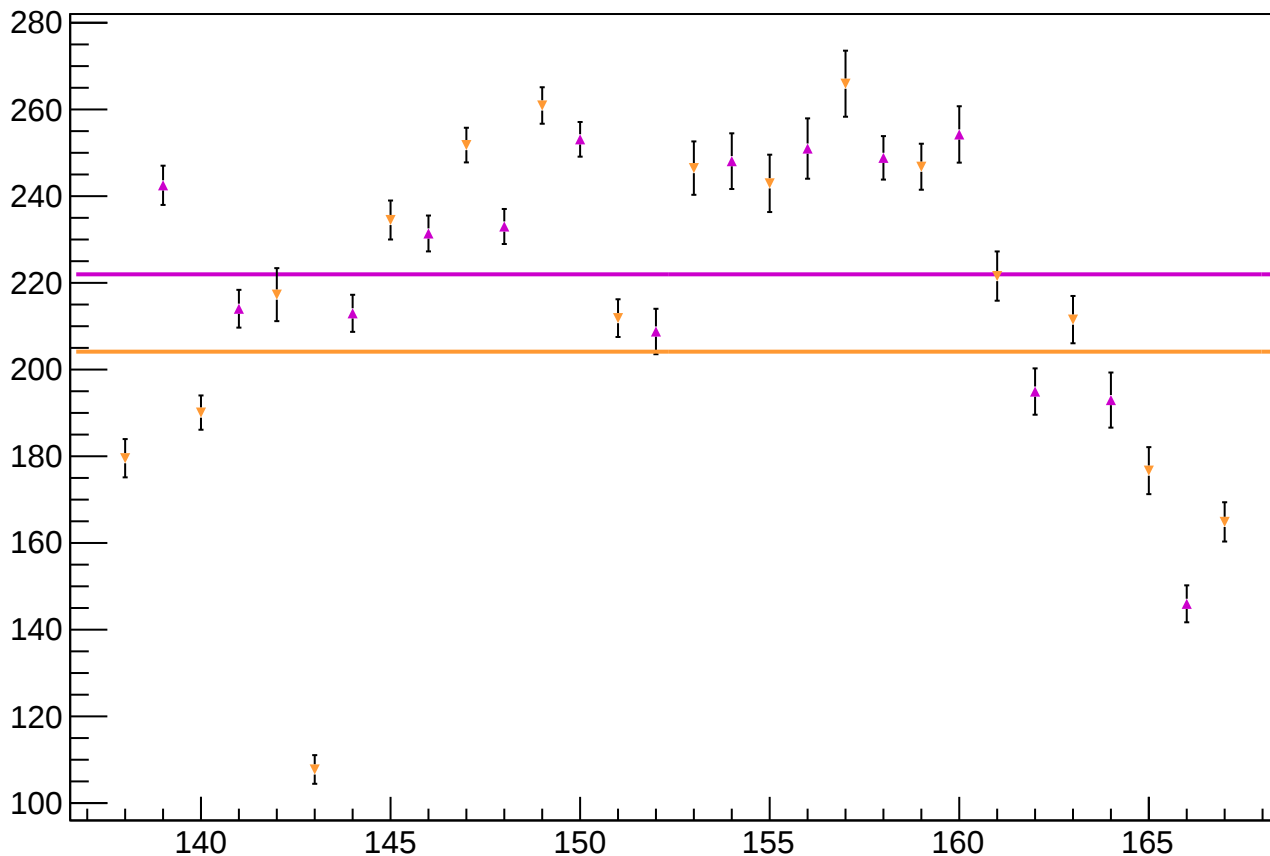
Right: 92.021 ± 0.050 χ^2/NDF : 326611.0/35

In: 124.803 ± 0.045 χ^2/NDF : 331710.3/30

Out: 112.657 ± 0.042 χ^2/NDF : 1077873.3/34

All: 118.382 ± 0.031 χ^2/NDF : 1448186.4/65

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: 204.131+/-1.192 χ^2/NDF :1595.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 221.970+/-1.293 χ^2/NDF :559.4/13

Left: 212.322+/-0.876 χ^2/NDF : 2257.3/29

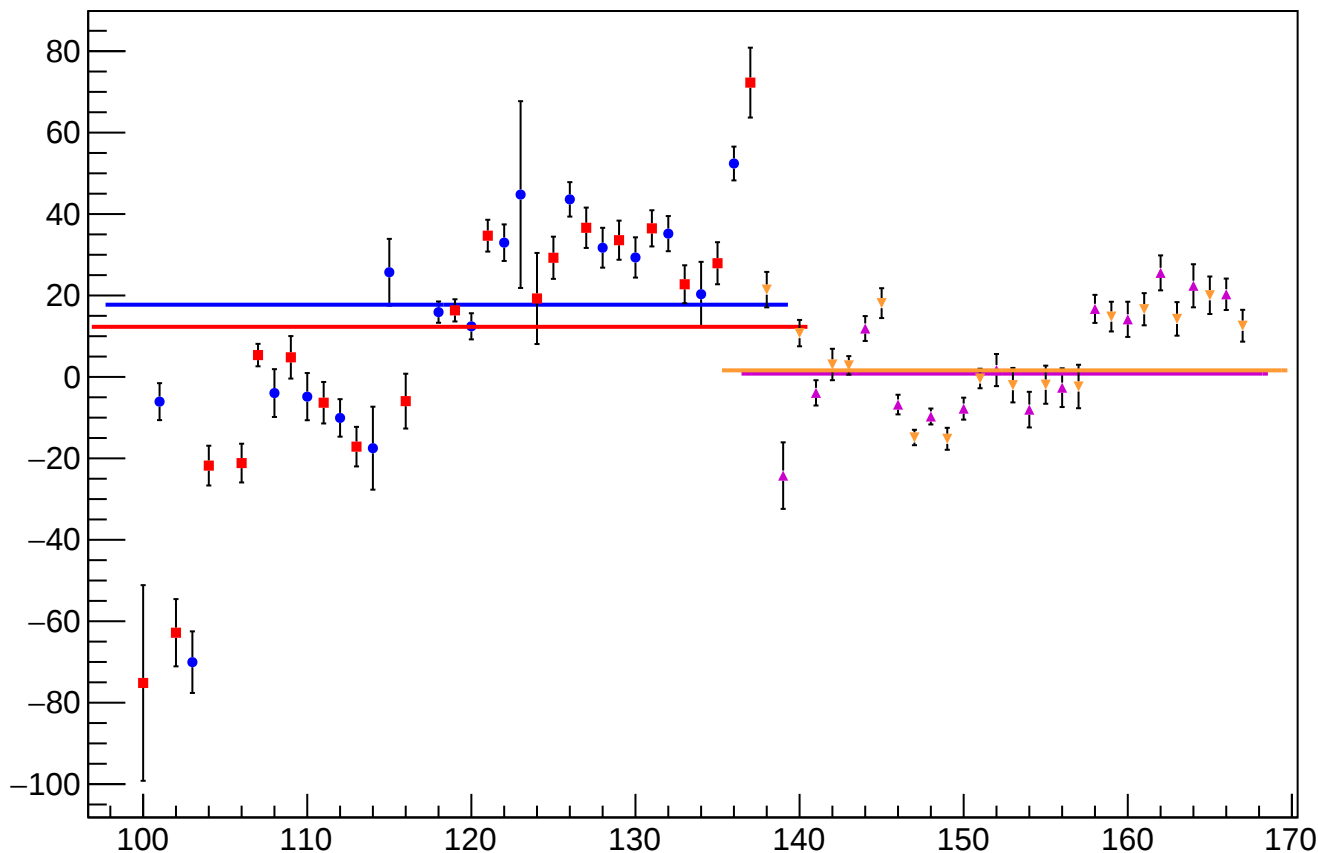
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 221.970+/-1.293 χ^2/NDF :559.4/13

Out: 204.131+/-1.192 χ^2/NDF :1595.0/15

All: 212.322+/-0.876 χ^2/NDF : 2257.3/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 1.613 $\pm$ 0.811 χ^2 /NDF: 227.5/15

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 0.815 $\pm$ 0.894 χ^2 /NDF: 184.6/13

Left: 1.253 $\pm$ 0.601 χ^2 /NDF: 412.6/29

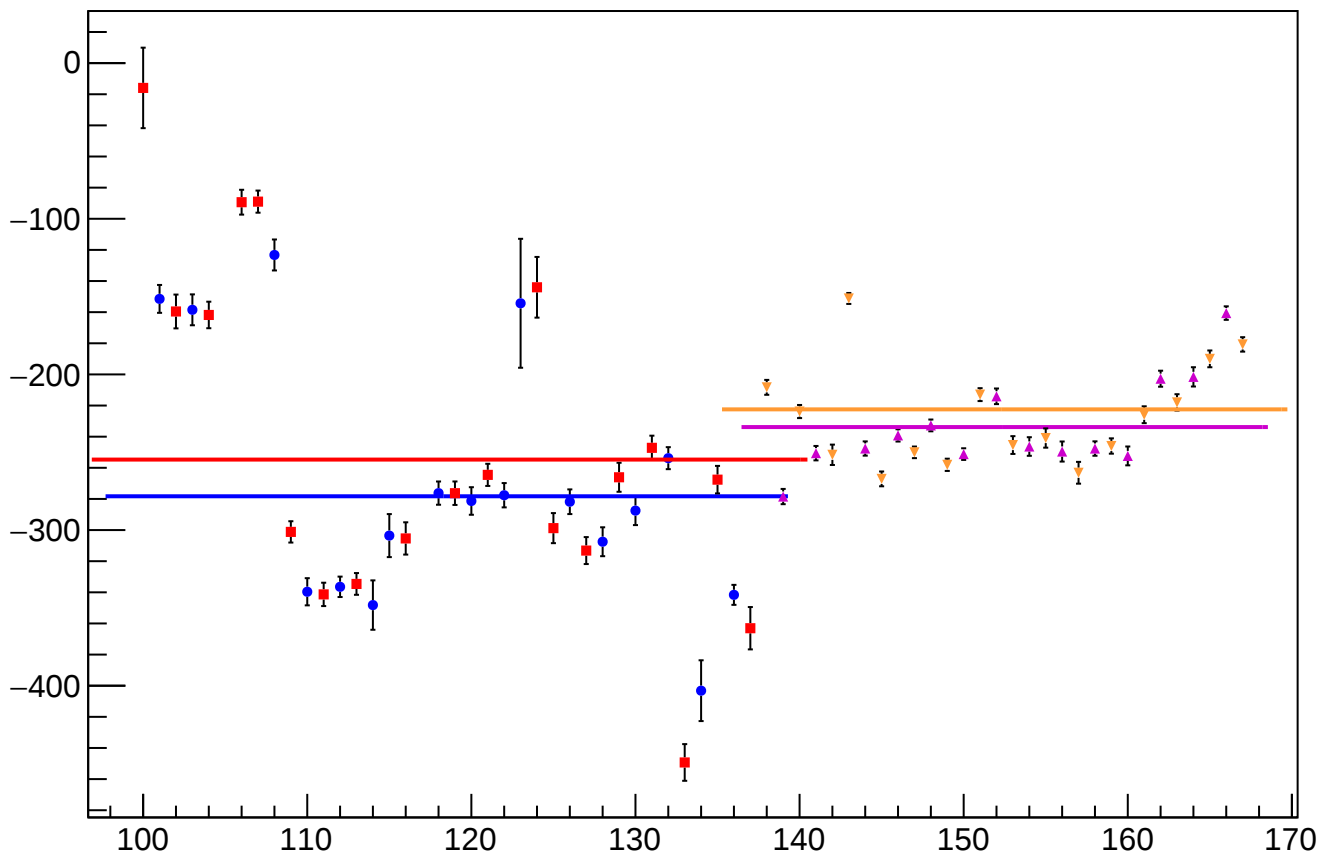
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 7.198 $\pm$ 0.705 χ^2 /NDF: 713.8/30

Out: 5.451 $\pm$ 0.649 χ^2 /NDF: 732.3/34

All: 6.252 $\pm$ 0.478 χ^2 /NDF: 1449.5/65

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -222.455 ± 1.185 $\chi^2/\text{NDF}: 867.1/15$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -233.826 ± 1.266 $\chi^2/\text{NDF}: 520.8/13$

Left: -227.764 ± 0.865 $\chi^2/\text{NDF}: 1430.9/29$

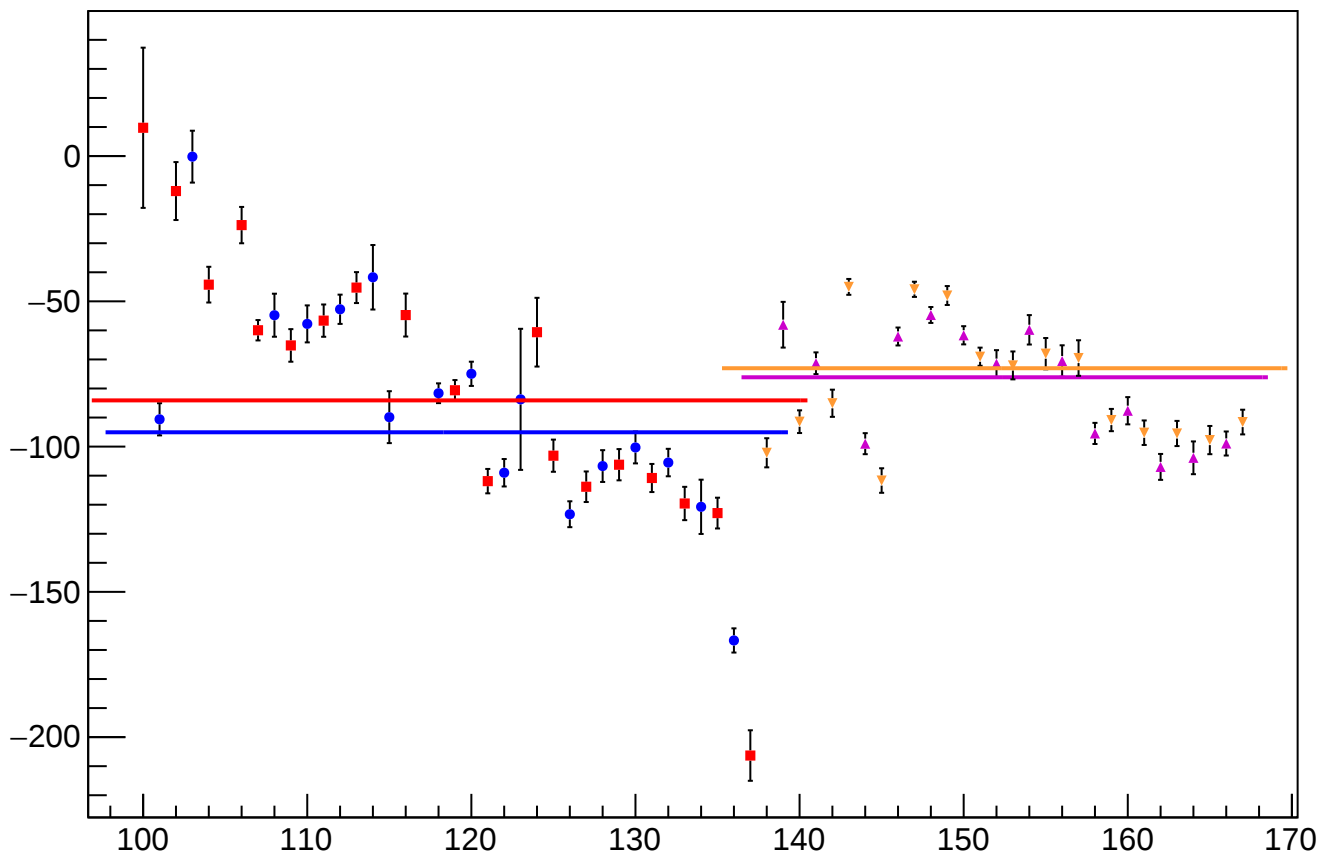
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -245.103 ± 1.094 $\chi^2/\text{NDF}: 1743.6/30$

Out: -230.722 ± 1.022 $\chi^2/\text{NDF}: 3095.0/34$

All: -237.424 ± 0.747 $\chi^2/\text{NDF}: 4930.9/65$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.027 ± 0.969 χ^2/NDF : 542.7/15

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -76.140 ± 1.063 χ^2/NDF : 299.3/13

Left: -74.440 ± 0.716 χ^2/NDF : 846.7/29

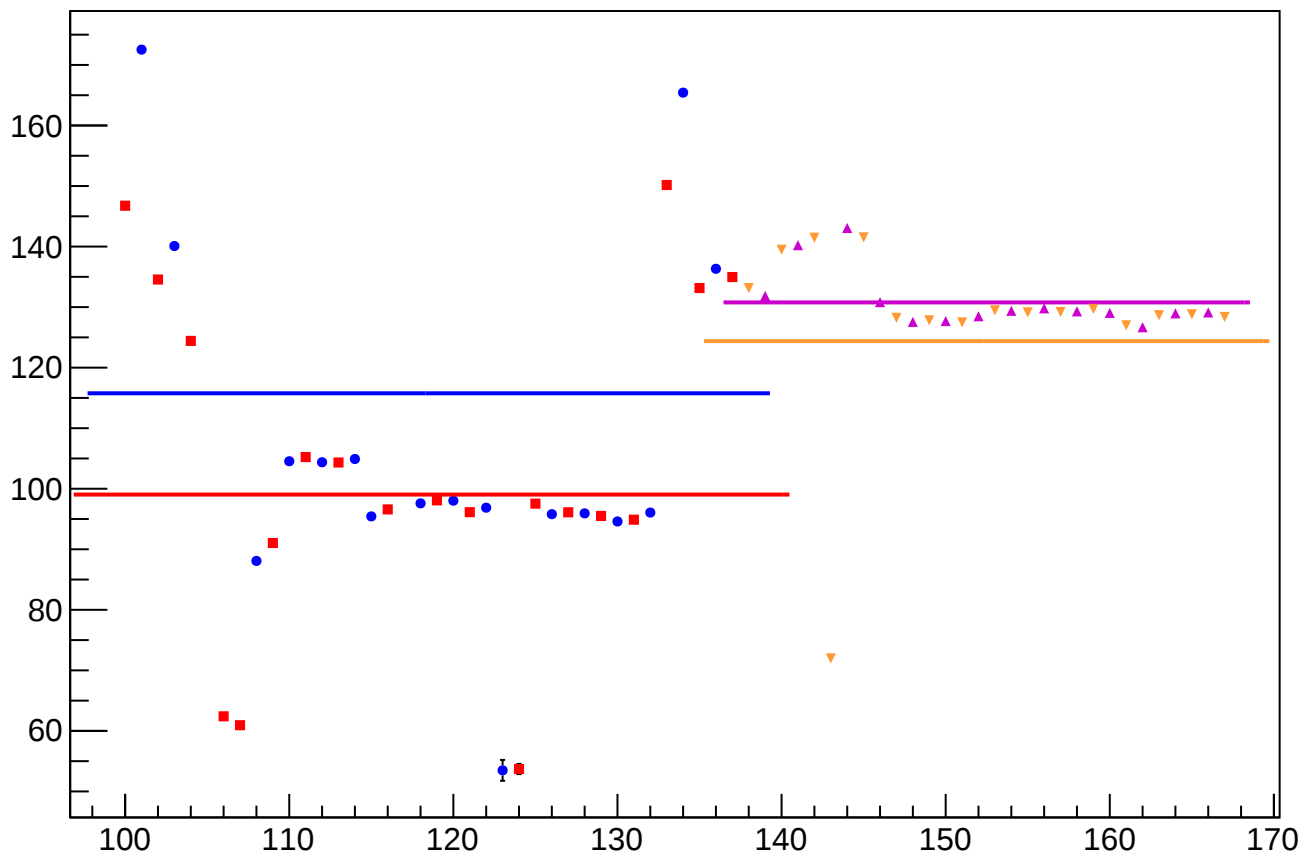
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.552 ± 0.829 χ^2/NDF : 1096.7/30

Out: -77.153 ± 0.768 χ^2/NDF : 1371.7/34

All: -80.106 ± 0.563 χ^2/NDF : 2500.4/65

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 124.385 $\pm$ 0.048 χ^2 /NDF:162995.2/15

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.777 $\pm$ 0.051 χ^2 /NDF:8000.1/13

Left: 127.376 $\pm$ 0.035 χ^2 /NDF: 179386.3/29

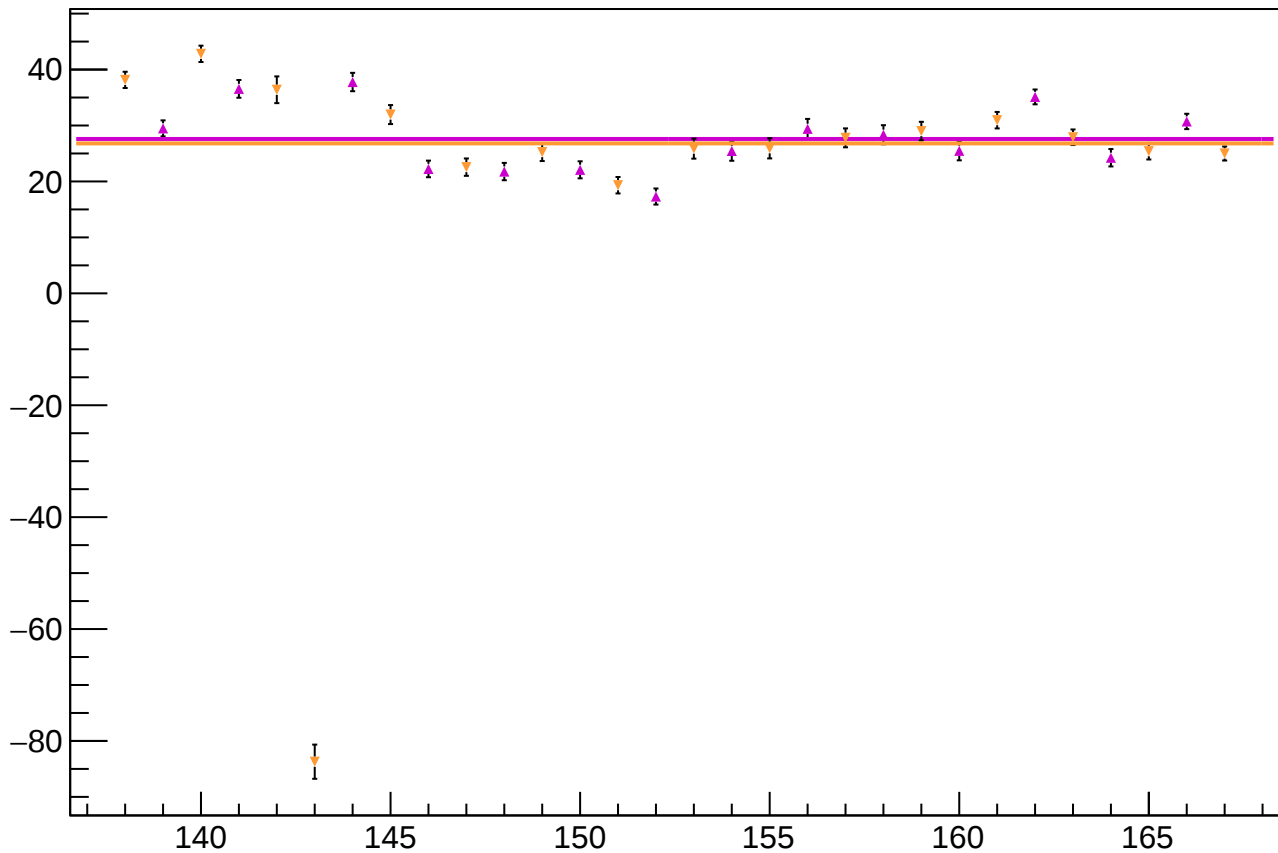
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.300 $\pm$ 0.043 χ^2 /NDF:140243.3/30

Out: 116.096 $\pm$ 0.039 χ^2 /NDF:428684.3/34

All: 120.764 $\pm$ 0.029 χ^2 /NDF: 599993.5/65

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.800+/-0.400 χ^2/NDF :1563.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.593+/-0.412 χ^2/NDF :209.9/13

Left: 27.185+/-0.287 χ^2/NDF : 1774.9/29

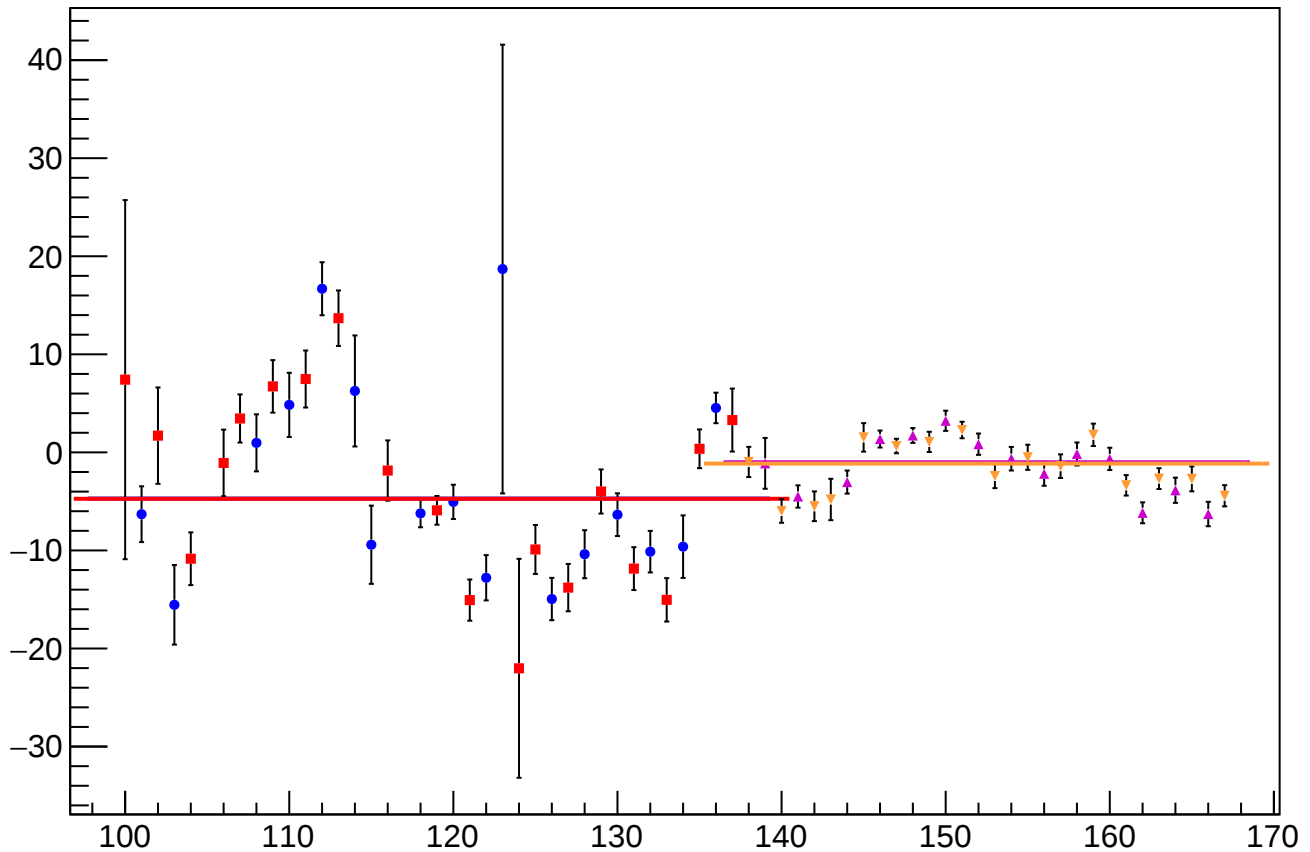
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.593+/-0.412 χ^2/NDF :209.9/13

Out: 26.800+/-0.400 χ^2/NDF :1563.2/15

All: 27.185+/-0.287 χ^2/NDF : 1774.9/29

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.145 ± 0.284 χ^2/NDF : 83.1/15

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.007 ± 0.295 χ^2/NDF : 100.6/13

Left: -1.079 ± 0.204 χ^2/NDF : 183.8/29

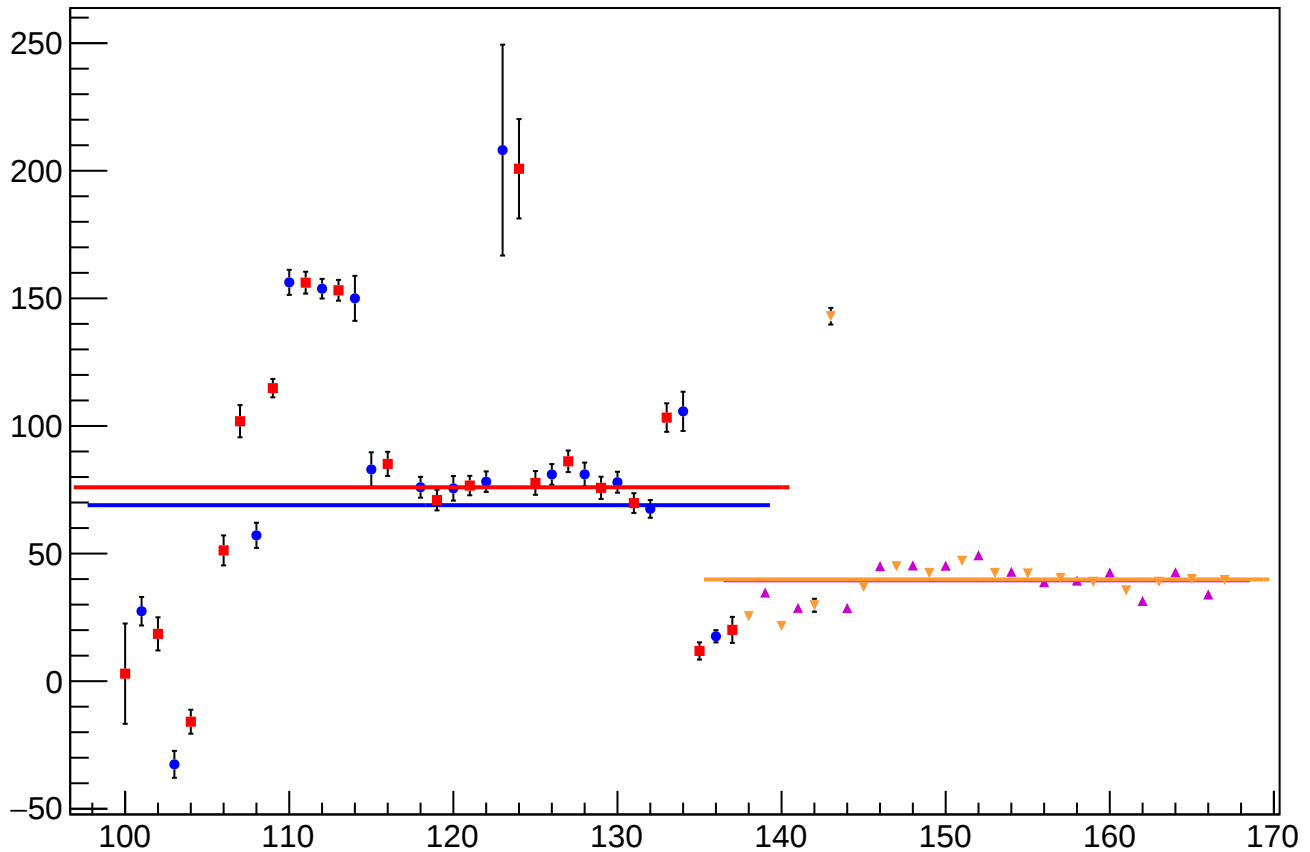
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.766 ± 0.263 χ^2/NDF : 307.6/30

Out: -1.828 ± 0.255 χ^2/NDF : 303.3/34

All: -1.798 ± 0.183 χ^2/NDF : 611.0/65

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.868 $\pm$ 0.393 χ^2 /NDF:1298.4/15

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 39.521 $\pm$ 0.402 χ^2 /NDF:255.5/13

Left: 39.698 $\pm$ 0.281 χ^2 /NDF: 1554.3/29

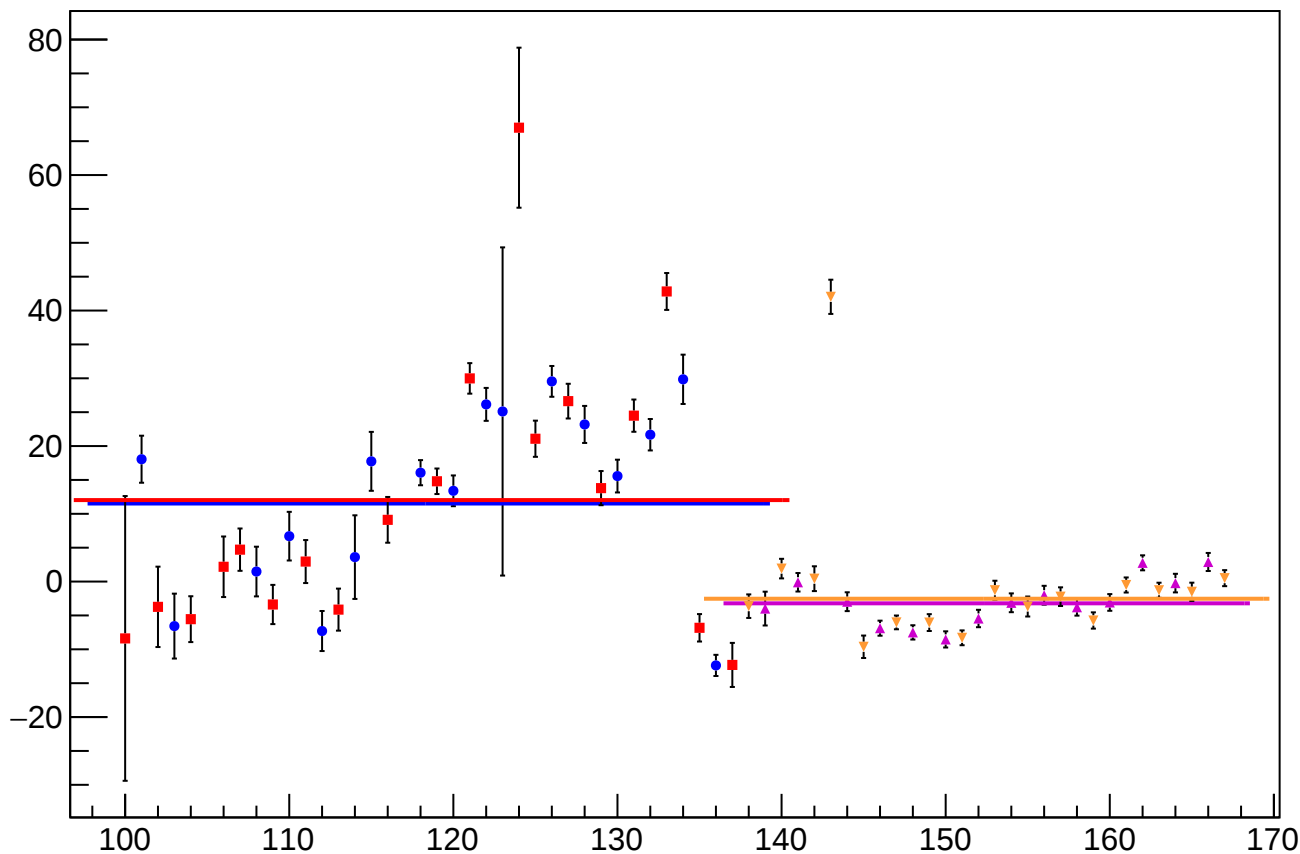
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 43.108 $\pm$ 0.377 χ^2 /NDF:2753.3/30

Out: 44.163 $\pm$ 0.369 χ^2 /NDF:4198.0/34

All: 43.646 $\pm$ 0.263 χ^2 /NDF: 6955.4/65

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -2.534+/-0.331 χ^2/NDF : 410.2/15

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: -3.212+/-0.343 χ^2/NDF : 111.5/13

Left: -2.860+/-0.238 χ^2/NDF : 523.8/29

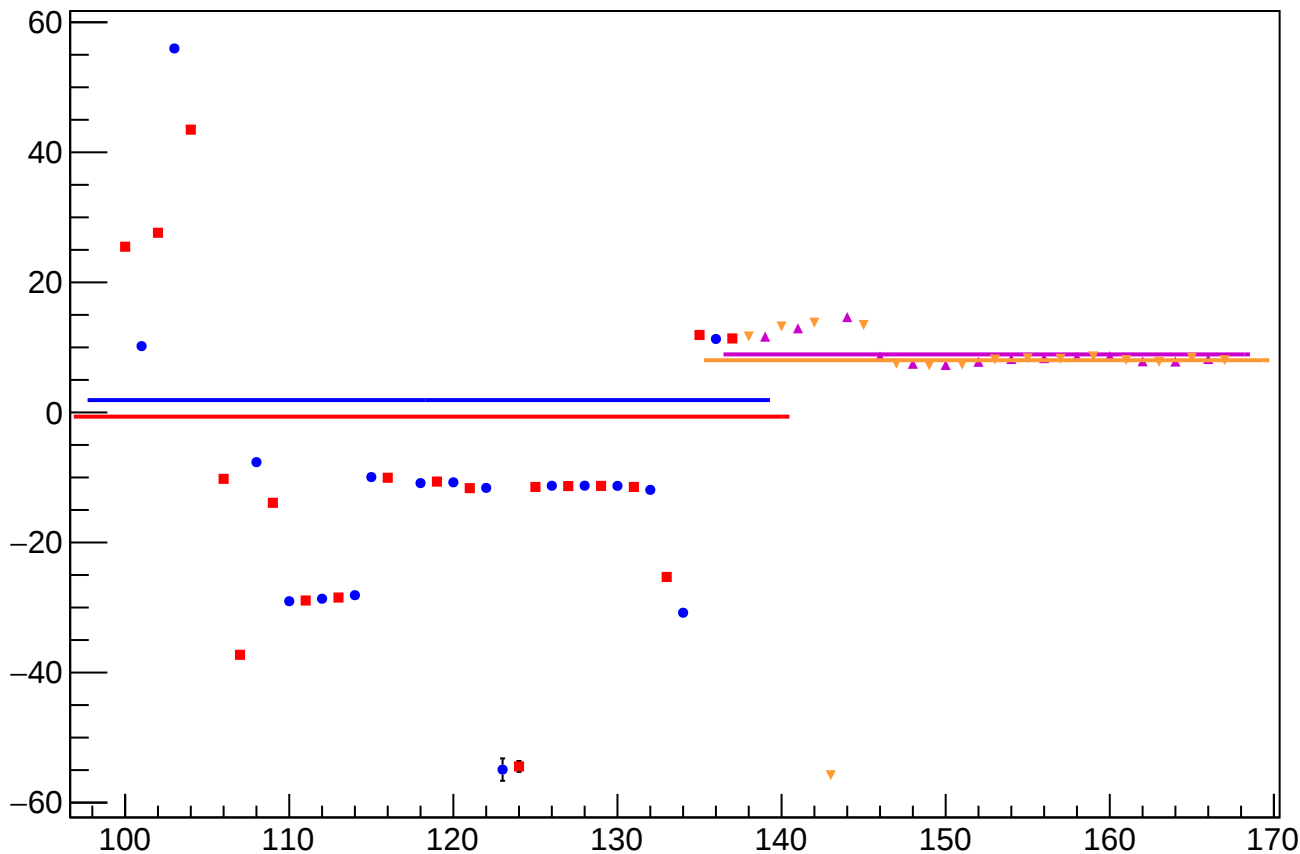
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: -0.074+/-0.305 χ^2/NDF : 981.1/30

Out: 0.356+/-0.296 χ^2/NDF : 1335.1/34

All: 0.147+/-0.212 χ^2/NDF : 2317.2/65

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: 8.026 $\pm$ 0.015 χ^2/NDF : 256514.3/15

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 8.926 $\pm$ 0.016 χ^2/NDF : 14468.6/13

Left: 8.464 $\pm$ 0.011 χ^2/NDF : 272634.0/29

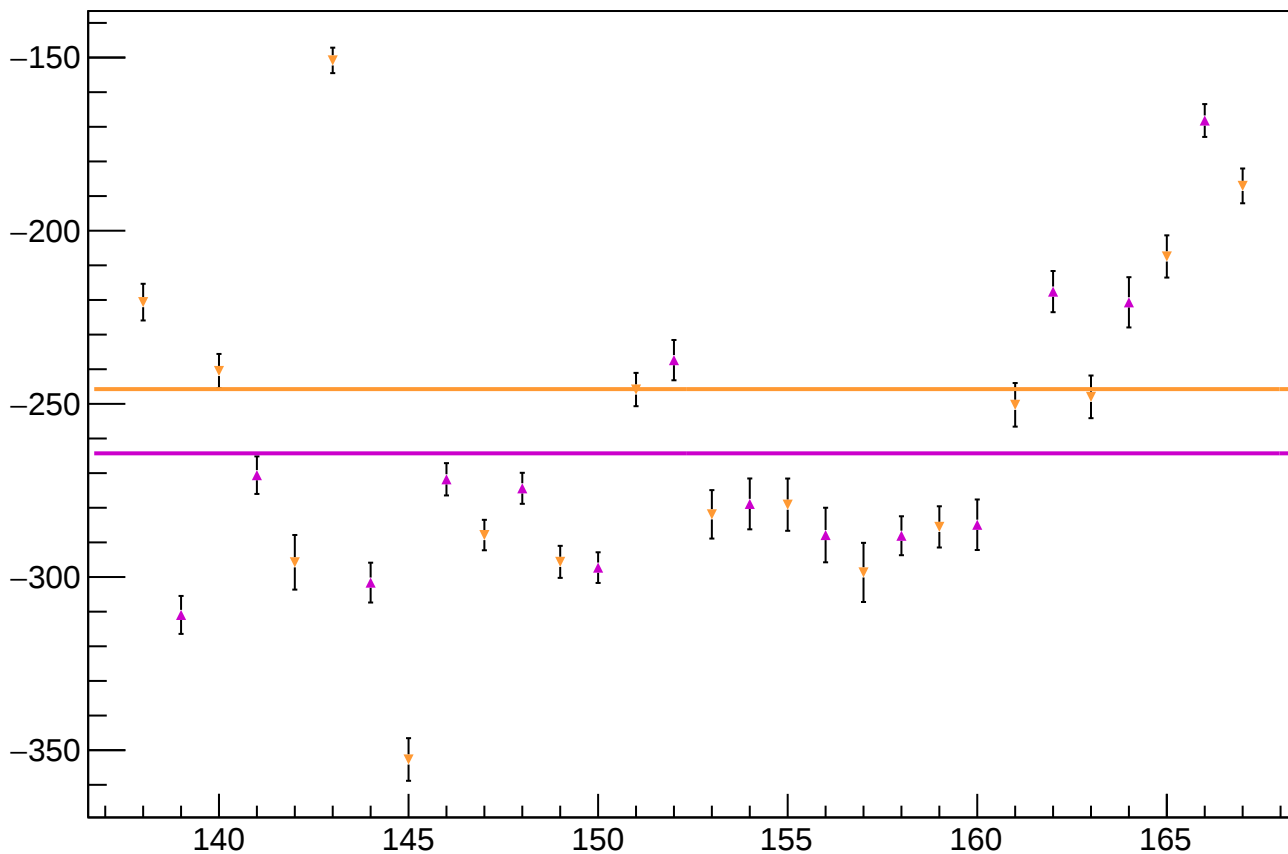
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.837 $\pm$ 0.015 χ^2/NDF : 403758.4/30

Out: 6.742 $\pm$ 0.014 χ^2/NDF : 664785.8/34

All: 7.277 $\pm$ 0.010 χ^2/NDF : 1071425.8/65

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.739+/-1.369 χ^2/NDF :1546.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -264.285+/-1.490 χ^2/NDF :747.8/13

Left: -254.234+/-1.008 χ^2/NDF : 2378.4/29

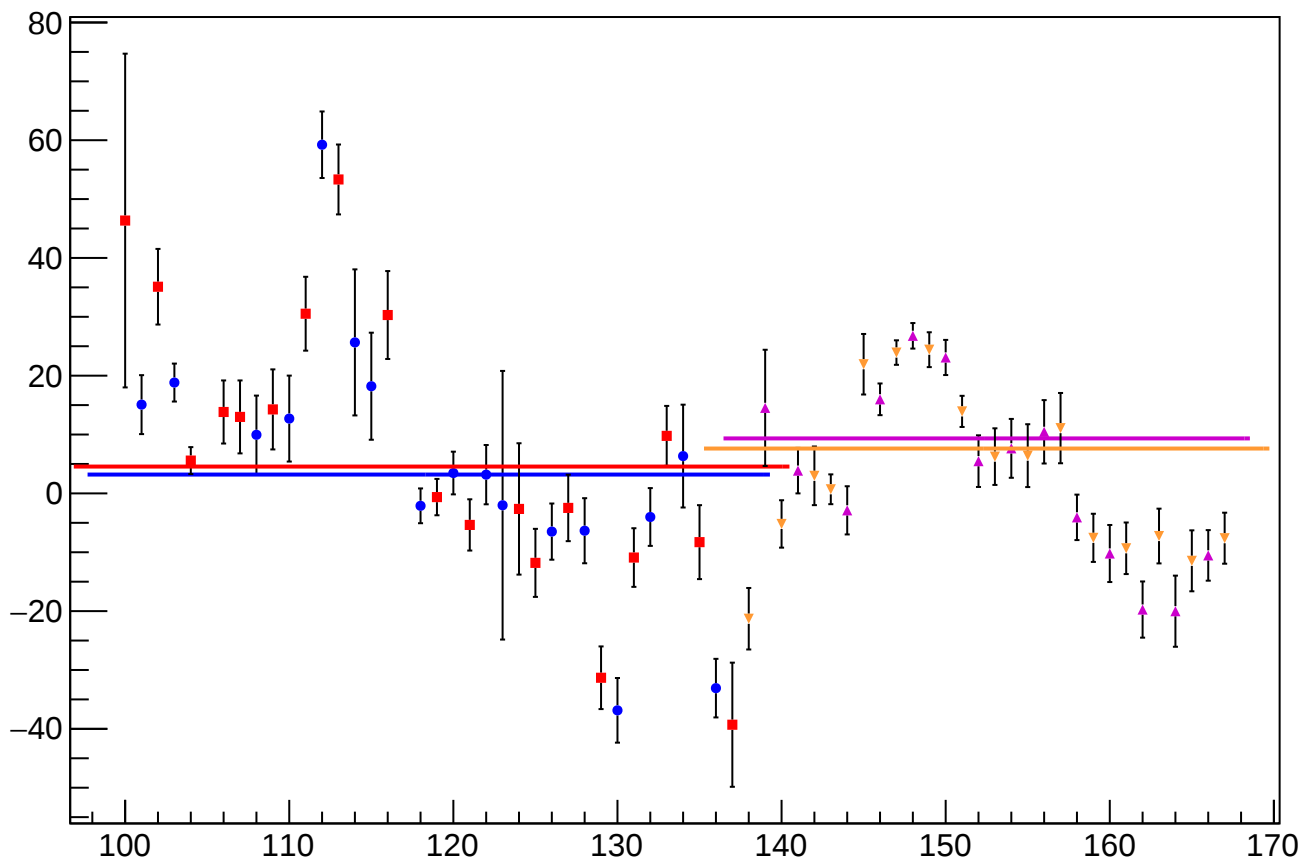
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.285+/-1.490 χ^2/NDF :747.8/13

Out: -245.739+/-1.369 χ^2/NDF :1546.6/15

All: -254.234+/-1.008 χ^2/NDF : 2378.4/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 7.620 ± 0.922 χ^2/NDF : 221.4/15

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 9.339 ± 1.020 χ^2/NDF : 214.4/13

Left: 8.394 ± 0.684 χ^2/NDF : 437.3/29

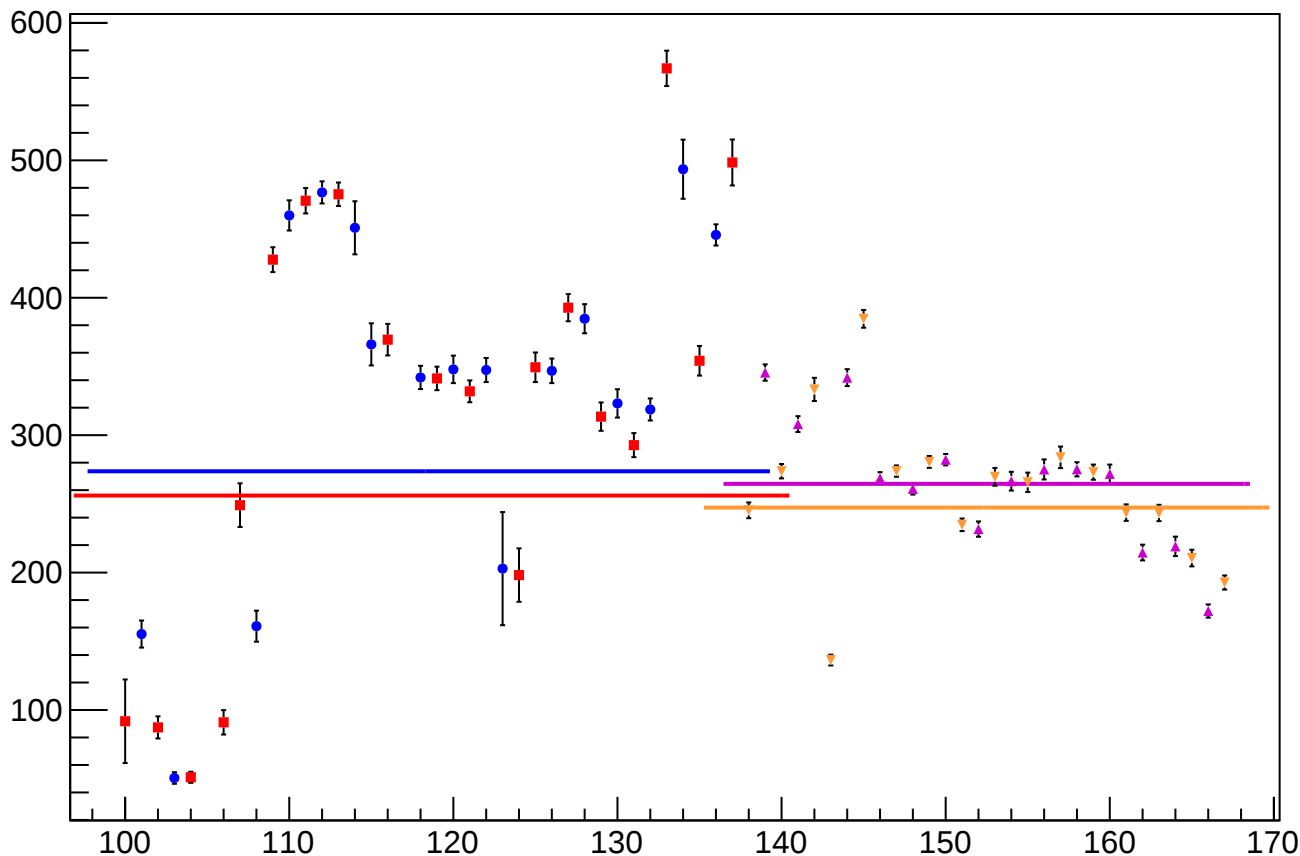
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 6.831 ± 0.784 χ^2/NDF : 484.3/30

Out: 6.431 ± 0.721 χ^2/NDF : 449.6/34

All: 6.614 ± 0.531 χ^2/NDF : 934.1/65

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 247.317 $\pm$ 1.355 χ^2 /NDF:1704.0/15

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 264.573 $\pm$ 1.451 χ^2 /NDF:947.5/13

Left: 255.357 $\pm$ 0.990 χ^2 /NDF: 2727.0/29

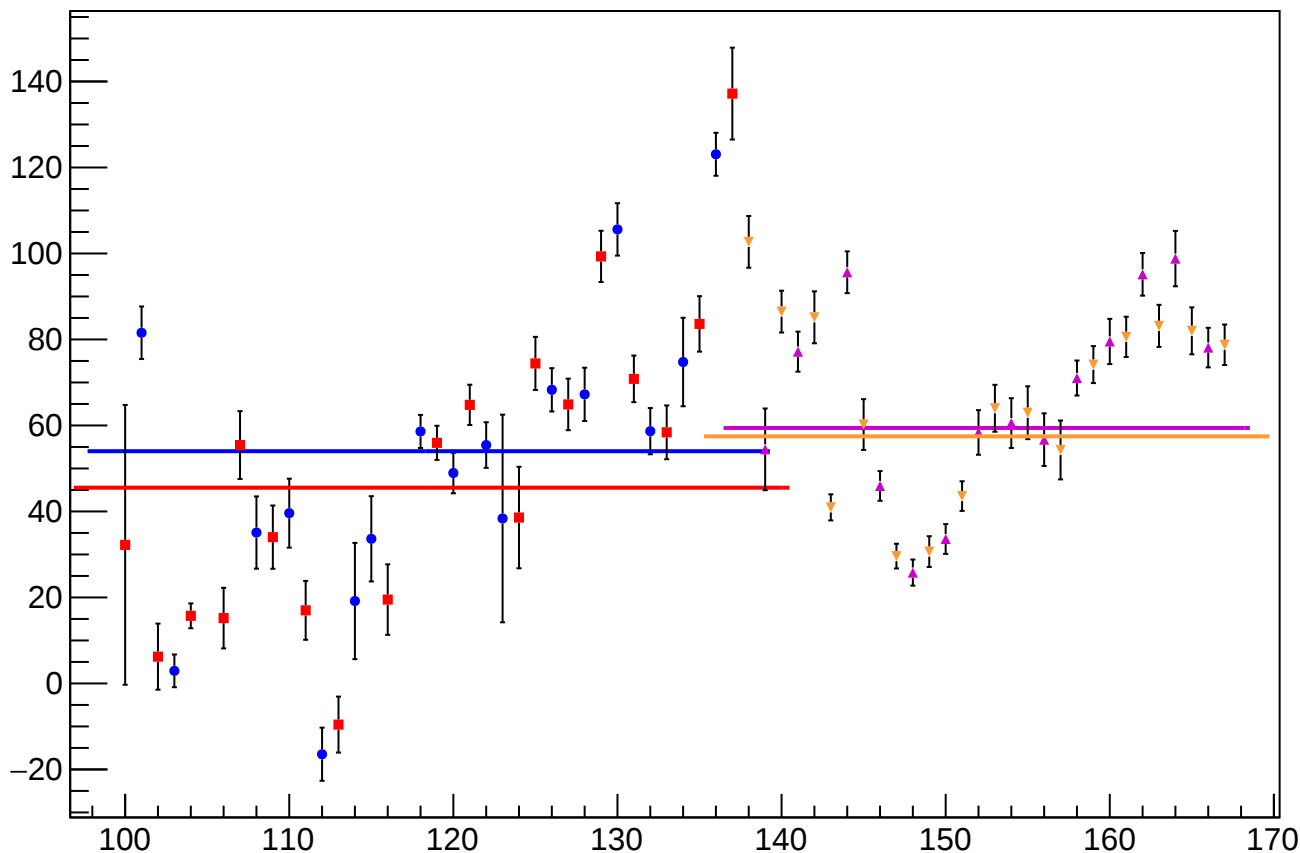
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 267.354 $\pm$ 1.210 χ^2 /NDF:6062.9/30

Out: 249.923 $\pm$ 1.135 χ^2 /NDF:8157.4/34

All: 258.082 $\pm$ 0.828 χ^2 /NDF: 14330.7/65

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: 57.466 $\pm$ 1.104 χ^2 /NDF:419.8/15

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 59.421 $\pm$ 1.215 χ^2 /NDF:392.8/13

Left: 58.351 $\pm$ 0.817 χ^2 /NDF: 814.0/29

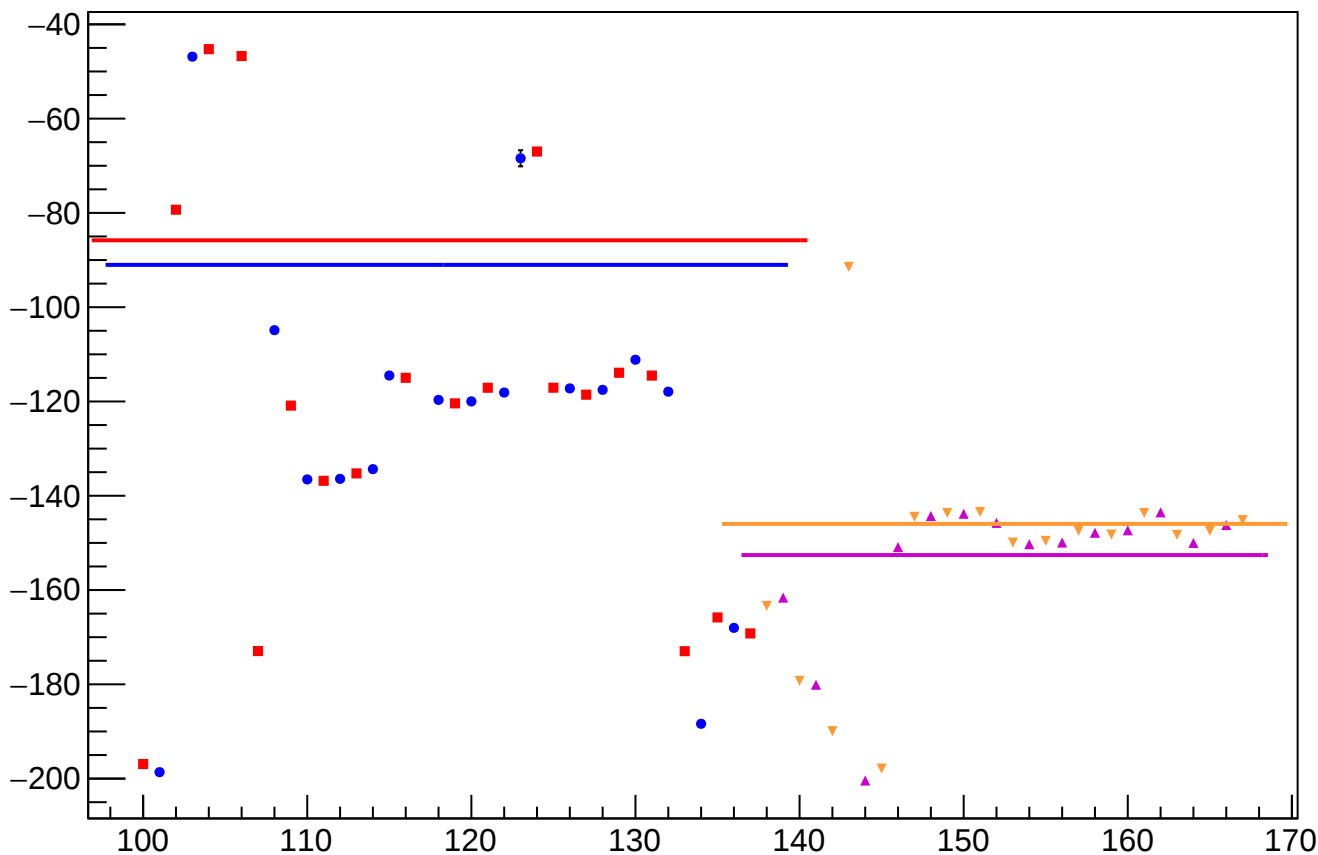
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.143 $\pm$ 0.924 χ^2 /NDF:1034.0/30

Out: 52.711 $\pm$ 0.857 χ^2 /NDF:993.1/34

All: 54.759 $\pm$ 0.628 χ^2 /NDF: 2039.5/65

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: -145.965 ± 0.055 $\chi^2/\text{NDF}: 205714.8/15$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -152.578 ± 0.058 $\chi^2/\text{NDF}: 56707.7/13$

Left: -149.056 ± 0.040 $\chi^2/\text{NDF}: 269264.3/29$

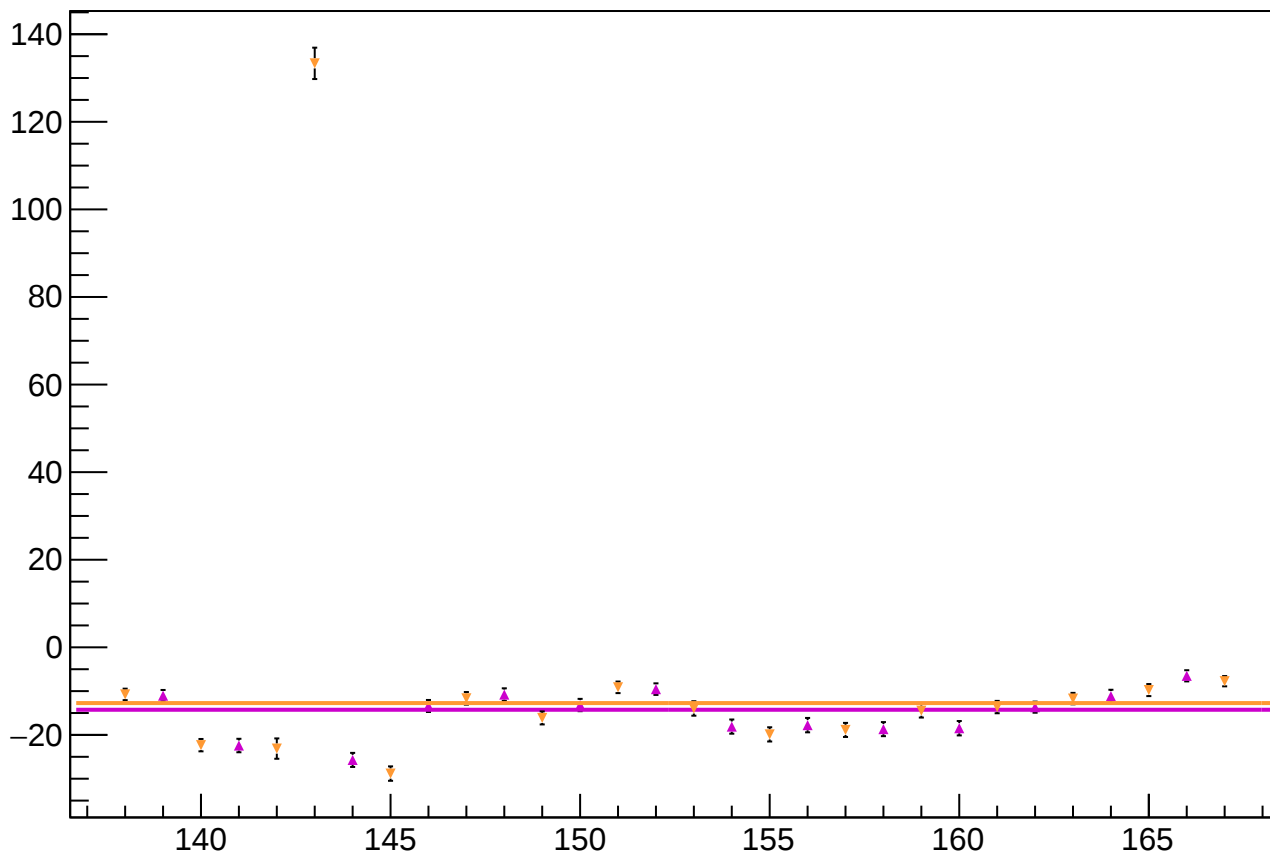
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -126.291 ± 0.044 $\chi^2/\text{NDF}: 1066316.6/30$

Out: -121.060 ± 0.042 $\chi^2/\text{NDF}: 1203149.8/34$

All: -123.534 ± 0.030 $\chi^2/\text{NDF}: 2276858.0/65$

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: -12.730+/-0.375 χ^2/NDF :1900.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.258+/-0.386 χ^2/NDF :170.7/13

Left: -13.472+/-0.269 χ^2/NDF : 2079.3/29

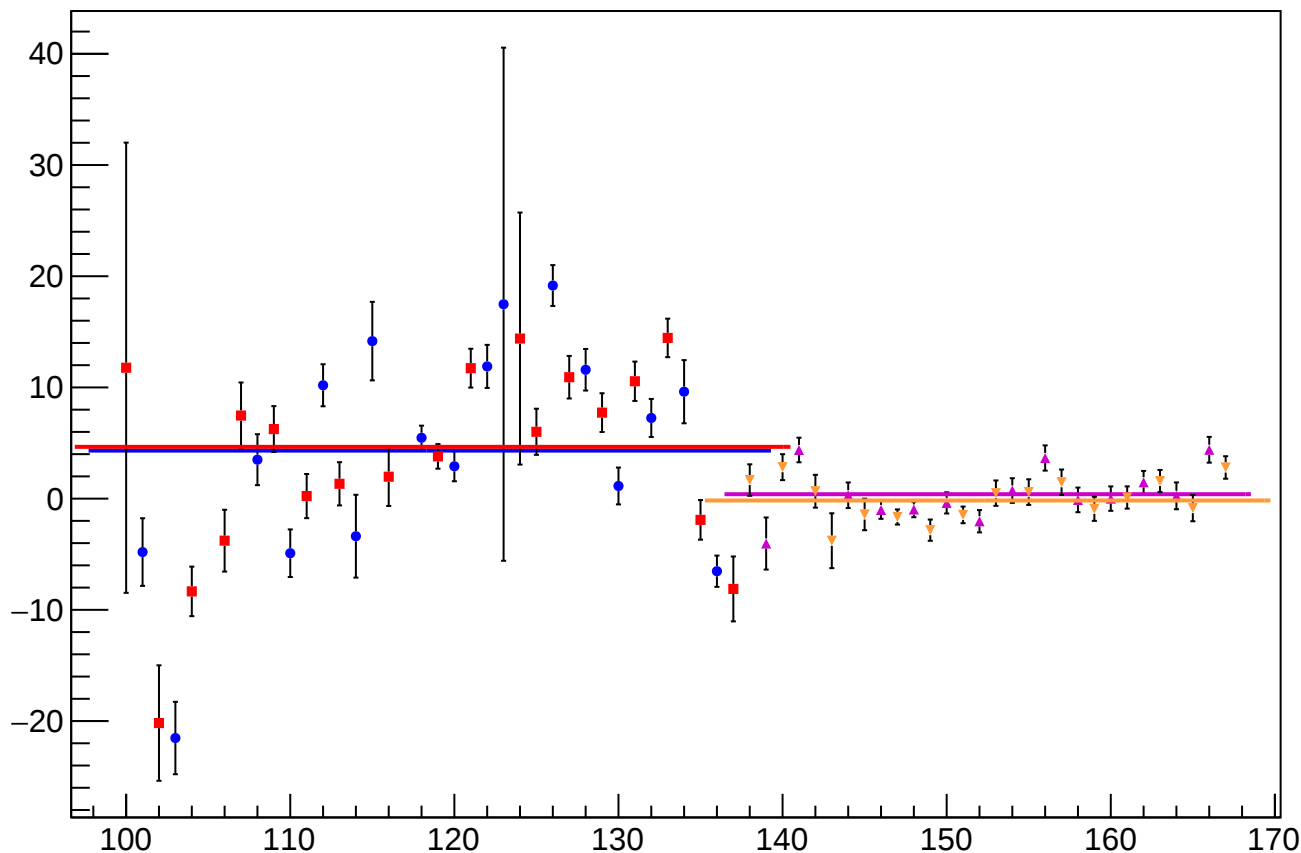
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.258+/-0.386 χ^2/NDF :170.7/13

Out: -12.730+/-0.375 χ^2/NDF :1900.6/15

All: -13.472+/-0.269 χ^2/NDF : 2079.3/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322+/-0.465 χ^2/NDF : 280.3/16

Left Out: -0.166+/-0.265 χ^2/NDF : 42.5/15

Right Out: 4.657+/-0.474 χ^2/NDF : 184.5/18

Left In: 0.398+/-0.276 χ^2/NDF : 51.8/13

Left: 0.105+/-0.191 χ^2/NDF : 96.4/29

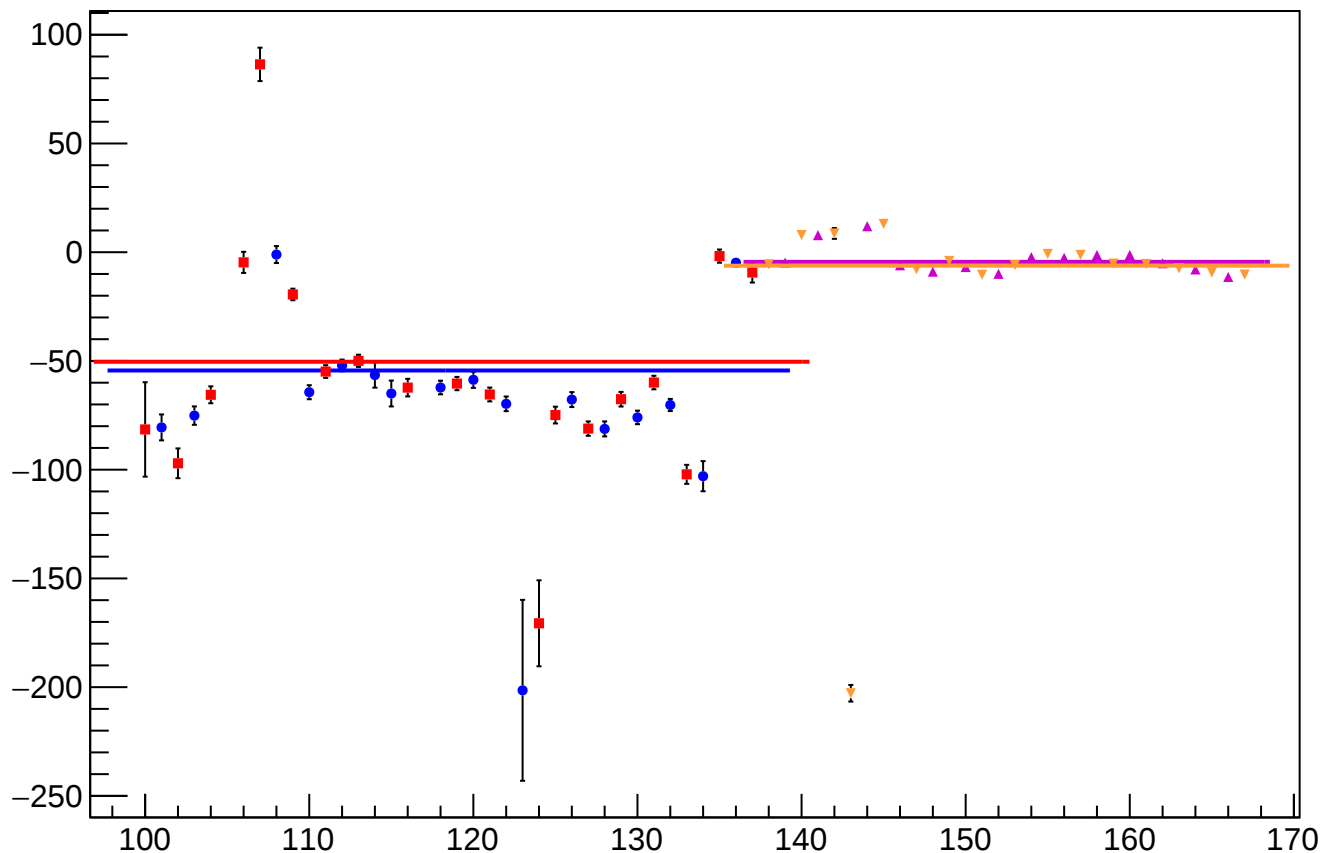
Right: 4.486+/-0.332 χ^2/NDF : 465.1/35

In: 1.421+/-0.238 χ^2/NDF : 384.7/30

Out: 0.984+/-0.231 χ^2/NDF : 305.9/34

All: 1.196+/-0.166 χ^2/NDF : 692.3/65

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -6.198 ± 0.368 $\chi^2/\text{NDF}: 2956.4/15$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -4.434 ± 0.376 $\chi^2/\text{NDF}: 229.5/13$

Left: -5.336 ± 0.263 $\chi^2/\text{NDF}: 3197.2/29$

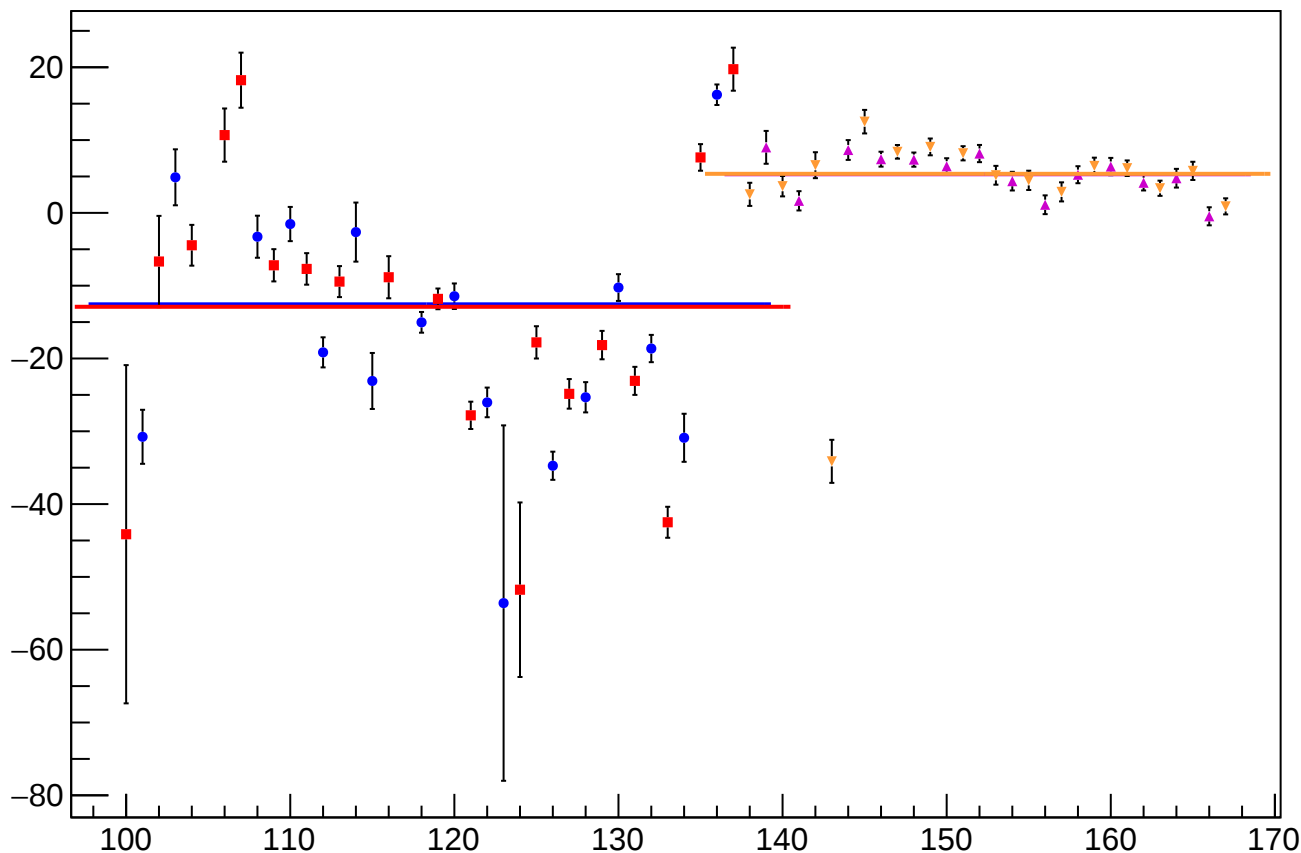
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.383 ± 0.345 $\chi^2/\text{NDF}: 4051.1/30$

Out: -13.055 ± 0.338 $\chi^2/\text{NDF}: 6518.1/34$

All: -12.726 ± 0.241 $\chi^2/\text{NDF}: 10571.2/65$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.364 ± 0.310 χ^2/NDF : 257.7/15

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.300 ± 0.322 χ^2/NDF : 66.4/13

Left: 5.333 ± 0.223 χ^2/NDF : 324.1/29

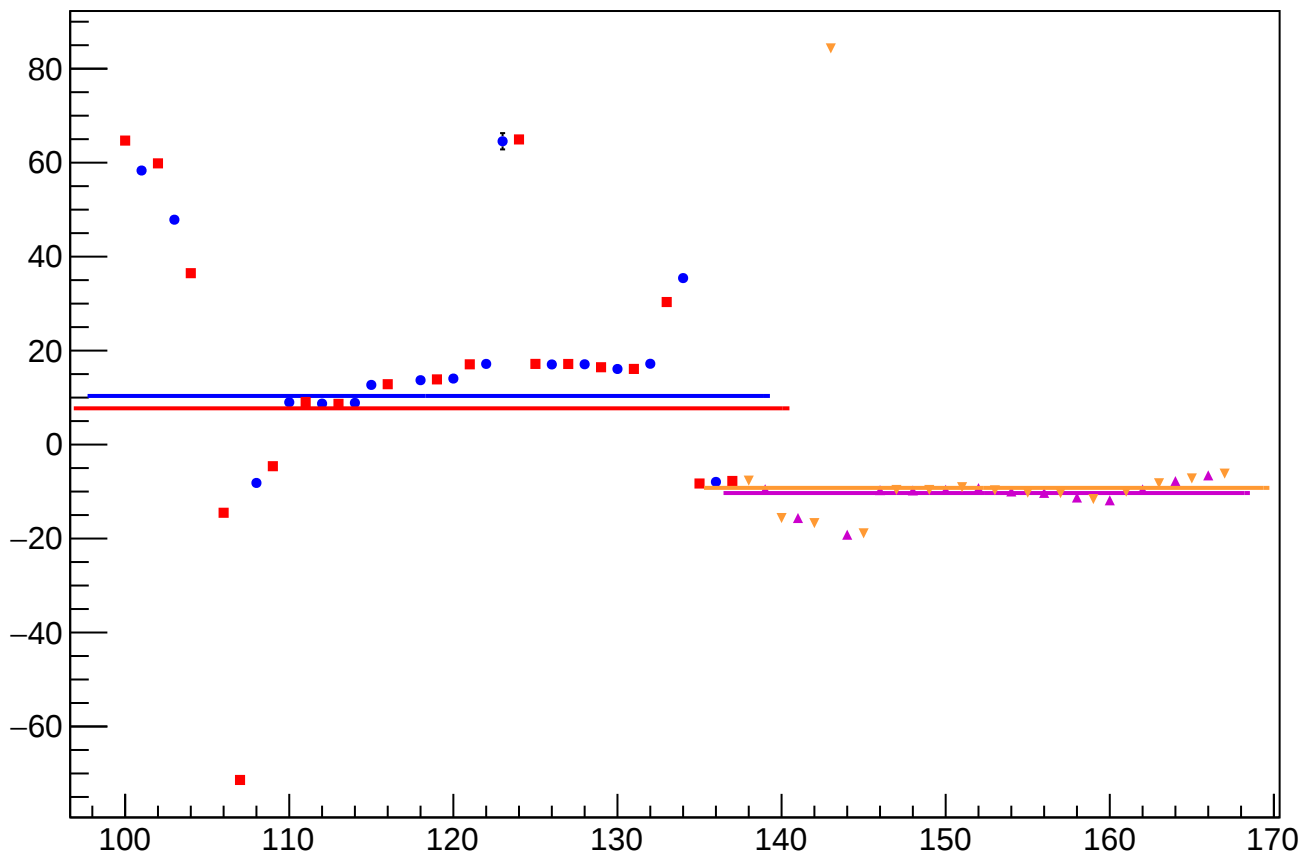
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.503 ± 0.275 χ^2/NDF : 1672.0/30

Out: 0.824 ± 0.268 χ^2/NDF : 1851.6/34

All: 0.668 ± 0.192 χ^2/NDF : 3524.3/65

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: -9.215+/-0.014 χ^2/NDF :415941.7/15

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.316+/-0.015 χ^2/NDF :28937.4/13

Left: -9.751+/-0.010 χ^2/NDF : 447701.8/29

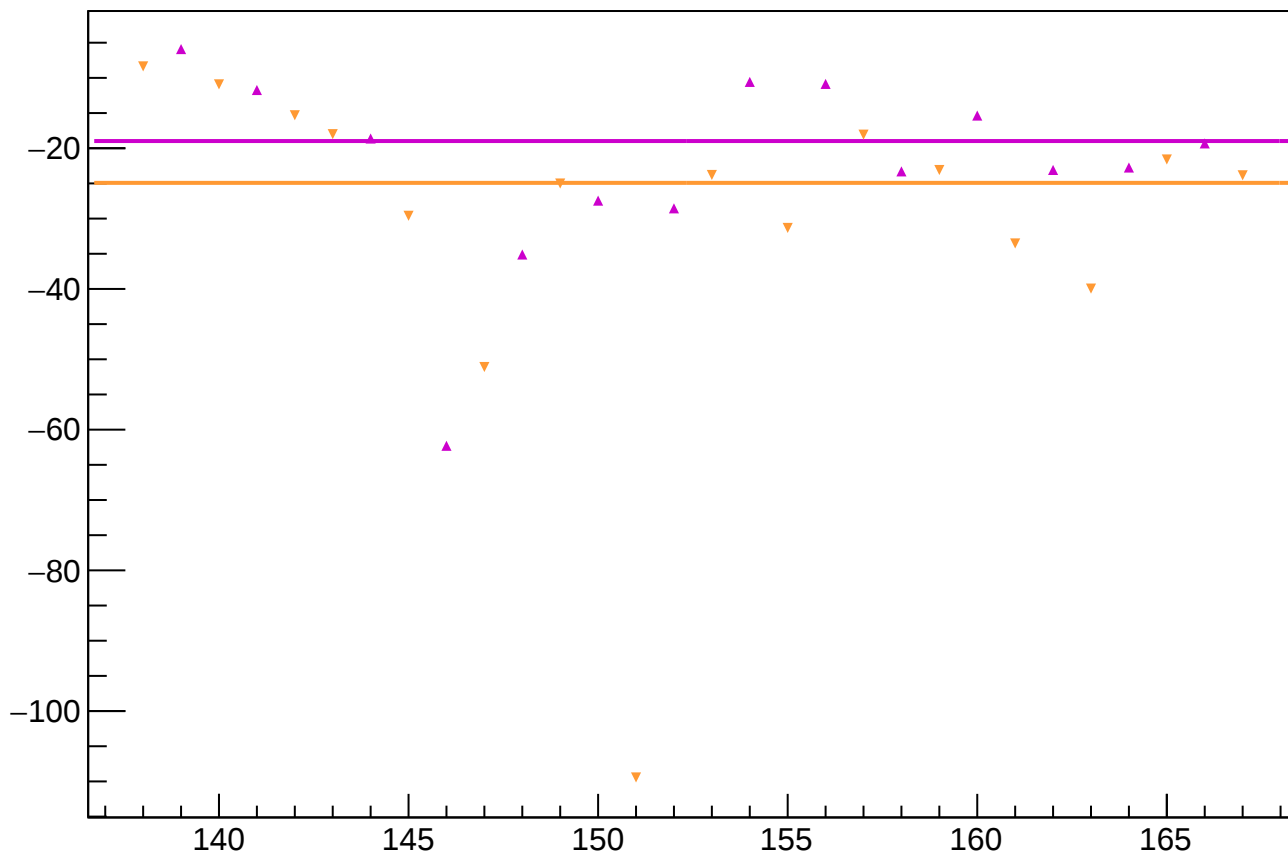
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.377+/-0.013 χ^2/NDF :779470.3/30

Out: -6.233+/-0.013 χ^2/NDF :1202572.4/34

All: -6.304+/-0.009 χ^2/NDF : 1982102.5/65

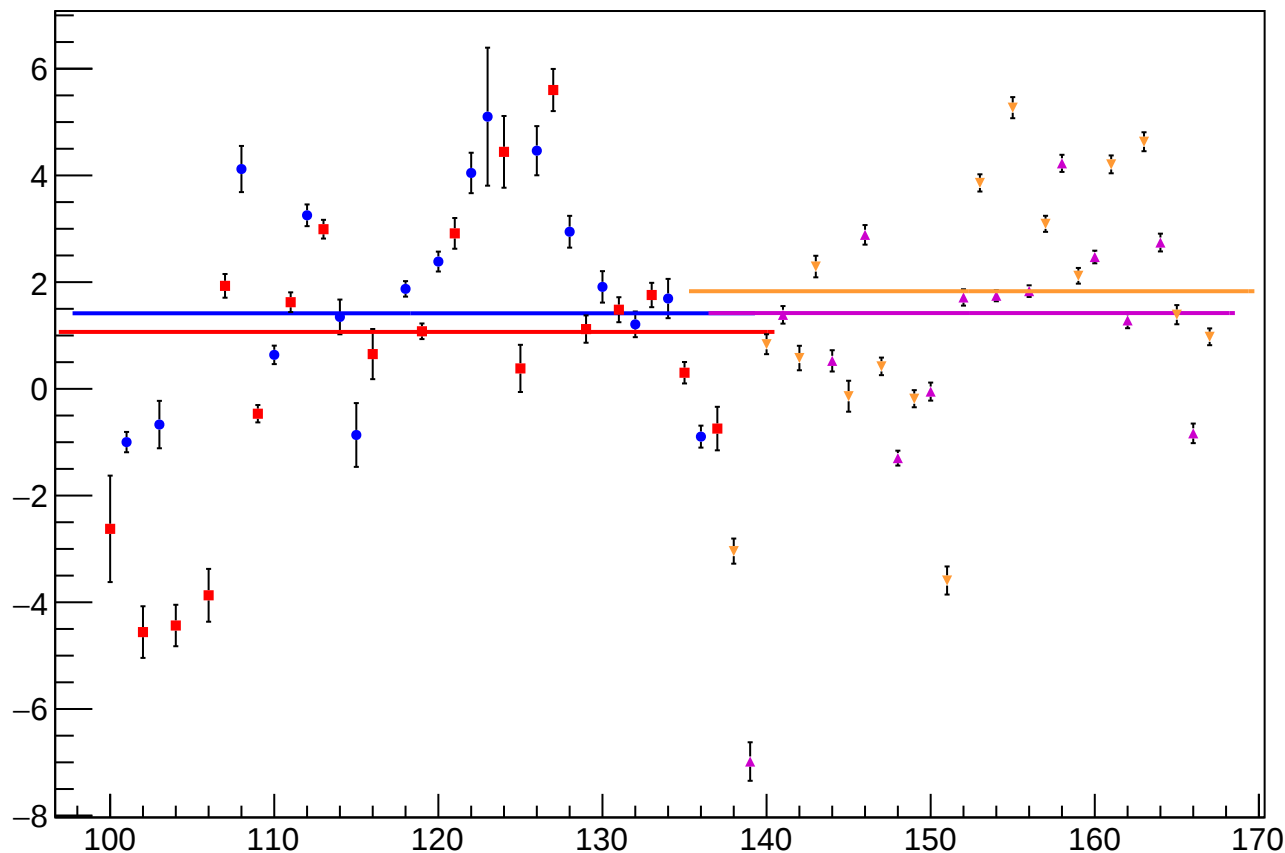
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -24.922 $\pm$ 0.061 χ^2/NDF : 56746.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -18.978 $\pm$ 0.055 χ^2/NDF : 37855.3/13

Left: -21.637 $\pm$ 0.041 χ^2/NDF : 99782.3/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -18.978 $\pm$ 0.055 χ^2/NDF : 37855.3/13
 Out: -24.922 $\pm$ 0.061 χ^2/NDF : 56746.6/15
 All: -21.637 $\pm$ 0.041 χ^2/NDF : 99782.3/29

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: 1.830 $\pm$ 0.045 χ^2 /NDF:2213.5/15

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.420 $\pm$ 0.040 χ^2 /NDF:1707.7/13

Left: 1.599 $\pm$ 0.030 χ^2 /NDF: 3967.1/29

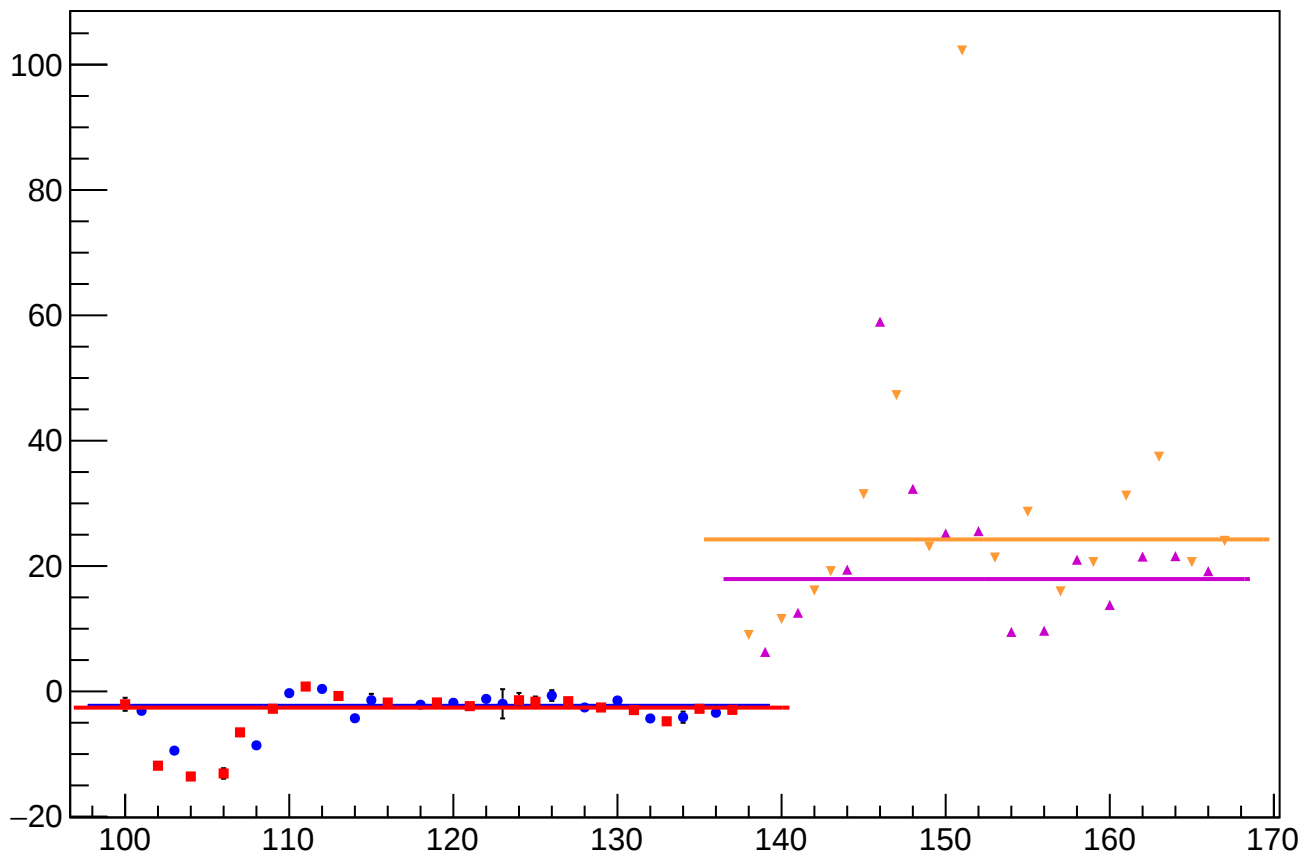
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.419 $\pm$ 0.033 χ^2 /NDF:2338.9/30

Out: 1.541 $\pm$ 0.036 χ^2 /NDF:3250.5/34

All: 1.476 $\pm$ 0.024 χ^2 /NDF: 5595.5/65

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 24.247 ± 0.060 $\chi^2/\text{NDF}: 50811.6/15$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 17.925 ± 0.053 $\chi^2/\text{NDF}: 35752.0/13$

Left: 20.692 ± 0.040 $\chi^2/\text{NDF}: 92730.0/29$

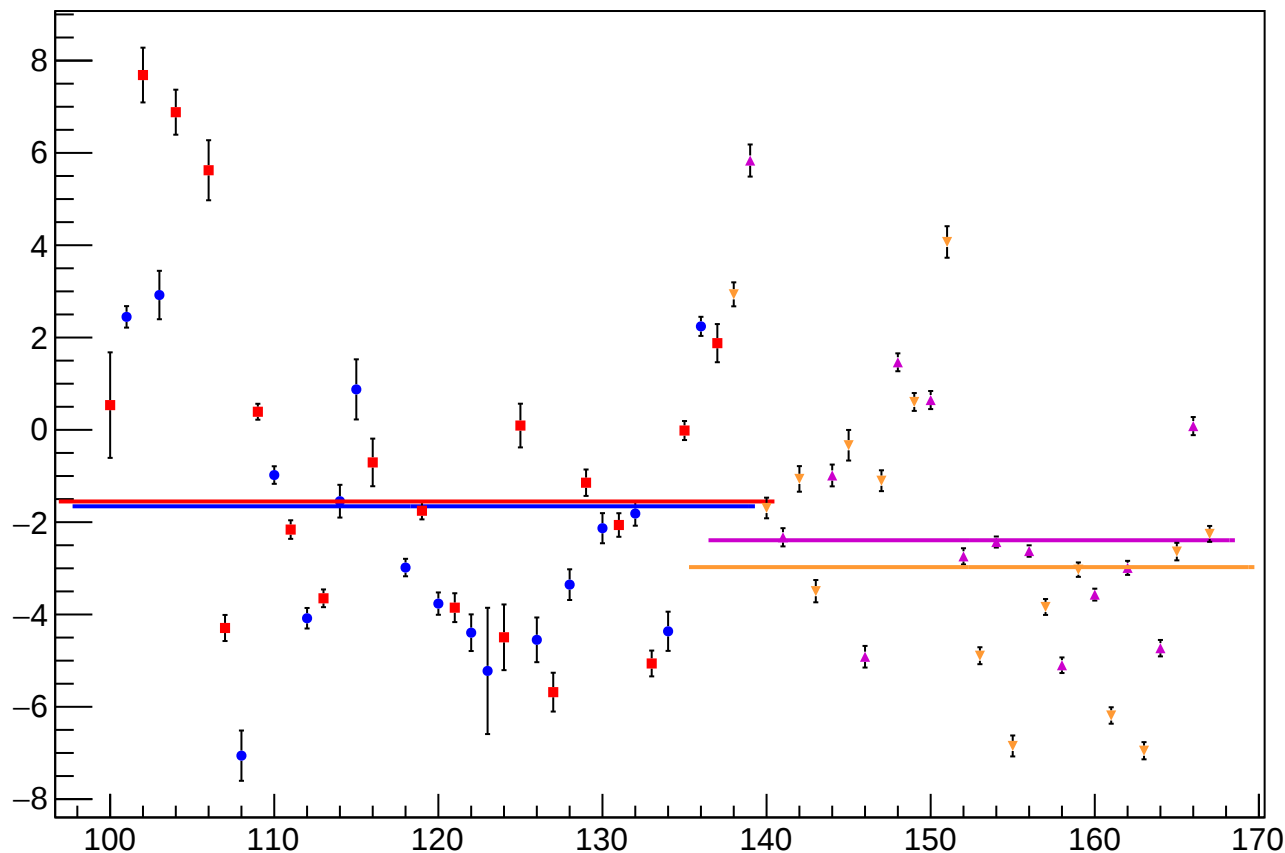
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.131 ± 0.048 $\chi^2/\text{NDF}: 63240.1/30$

Out: 16.954 ± 0.052 $\chi^2/\text{NDF}: 105404.7/34$

All: 15.443 ± 0.035 $\chi^2/\text{NDF}: 170251.7/65$

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: -2.974 ± 0.052 χ^2/NDF : 2730.2/15

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.392 ± 0.045 χ^2/NDF : 2042.0/13

Left: -2.645 ± 0.034 χ^2/NDF : 4843.9/29

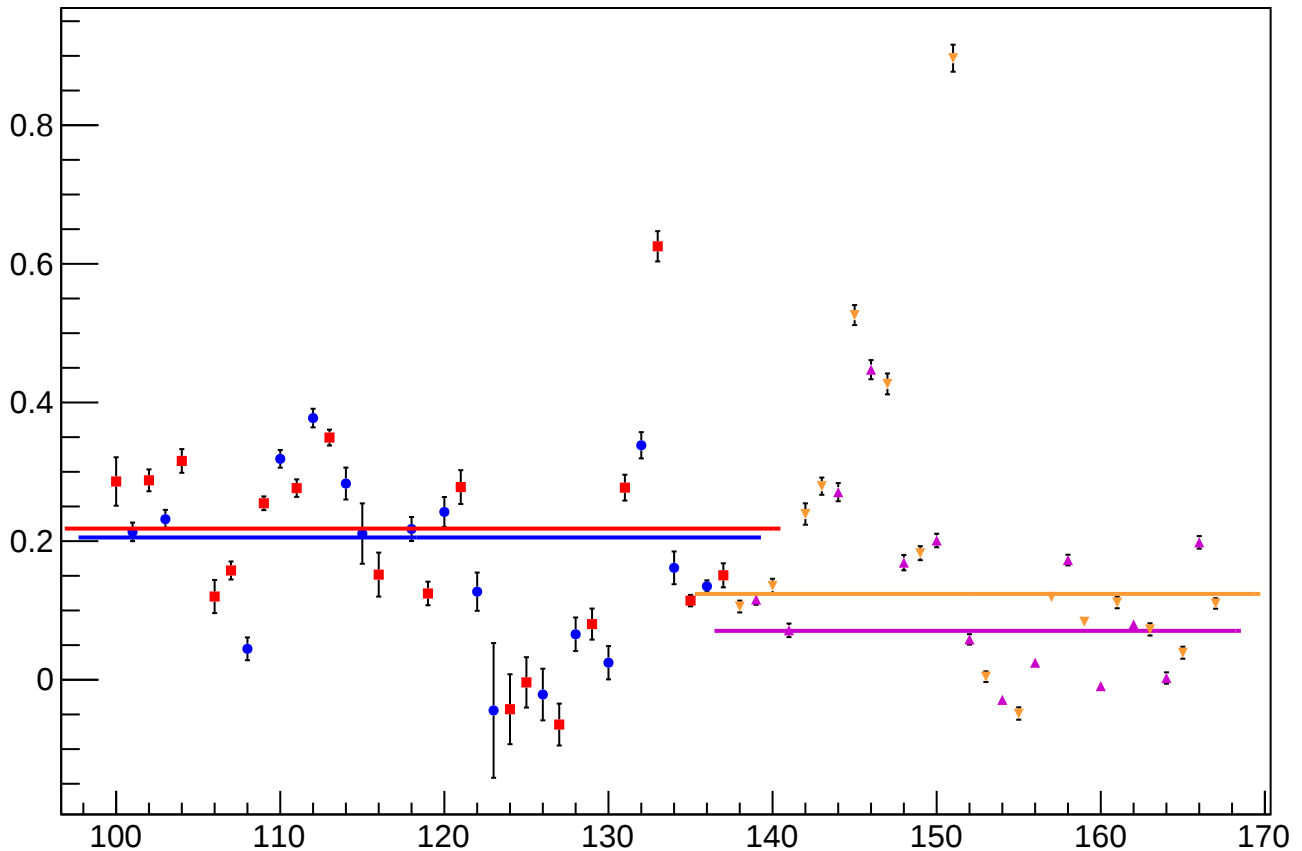
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.176 ± 0.038 χ^2/NDF : 3390.3/30

Out: -2.429 ± 0.041 χ^2/NDF : 4508.3/34

All: -2.295 ± 0.028 χ^2/NDF : 7919.1/65

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.124 $\pm$ 0.002 χ^2 /NDF: 3772.9/15

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 2390.0/13

Left: 0.093 $\pm$ 0.002 χ^2 /NDF: 6465.4/29

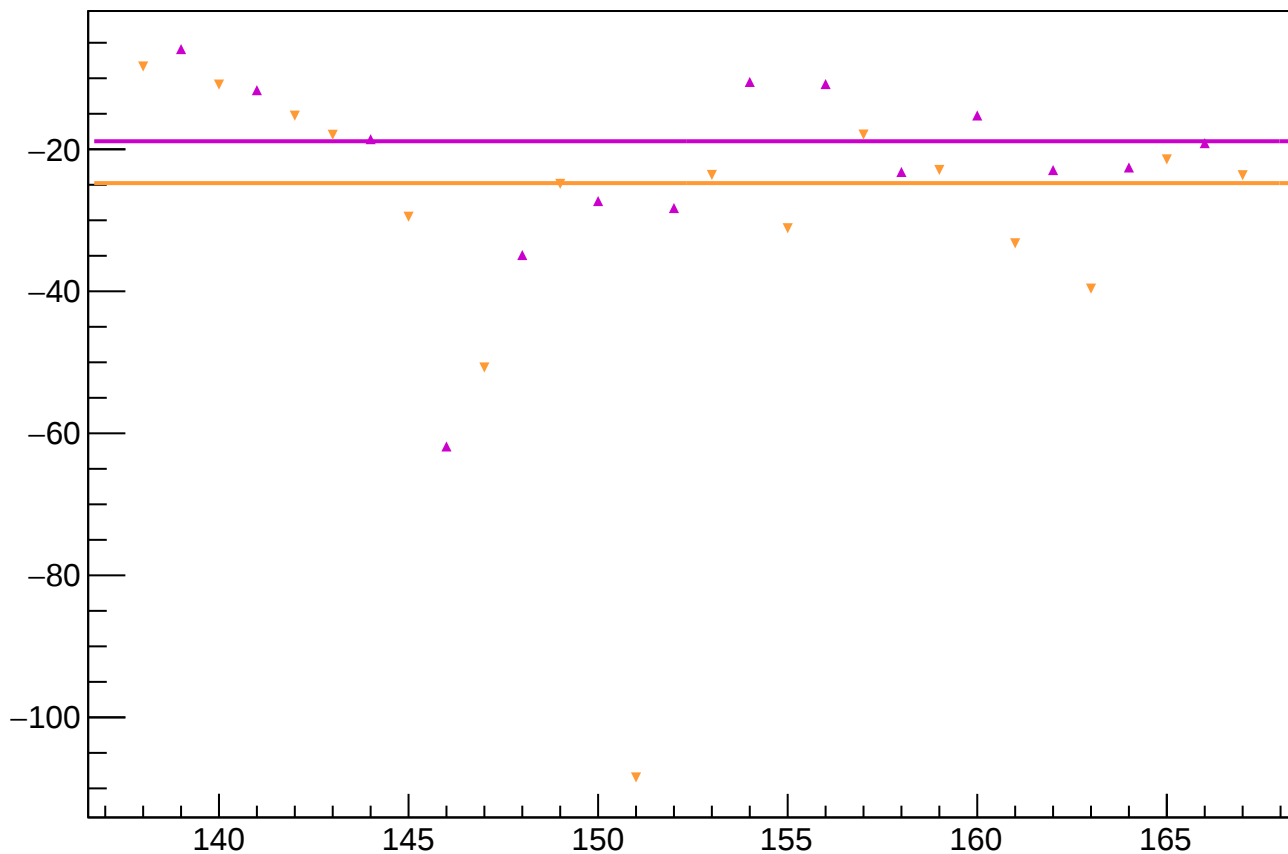
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.096 $\pm$ 0.002 χ^2 /NDF: 3870.4/30

Out: 0.151 $\pm$ 0.002 χ^2 /NDF: 5262.9/34

All: 0.121 $\pm$ 0.001 χ^2 /NDF: 9556.0/65

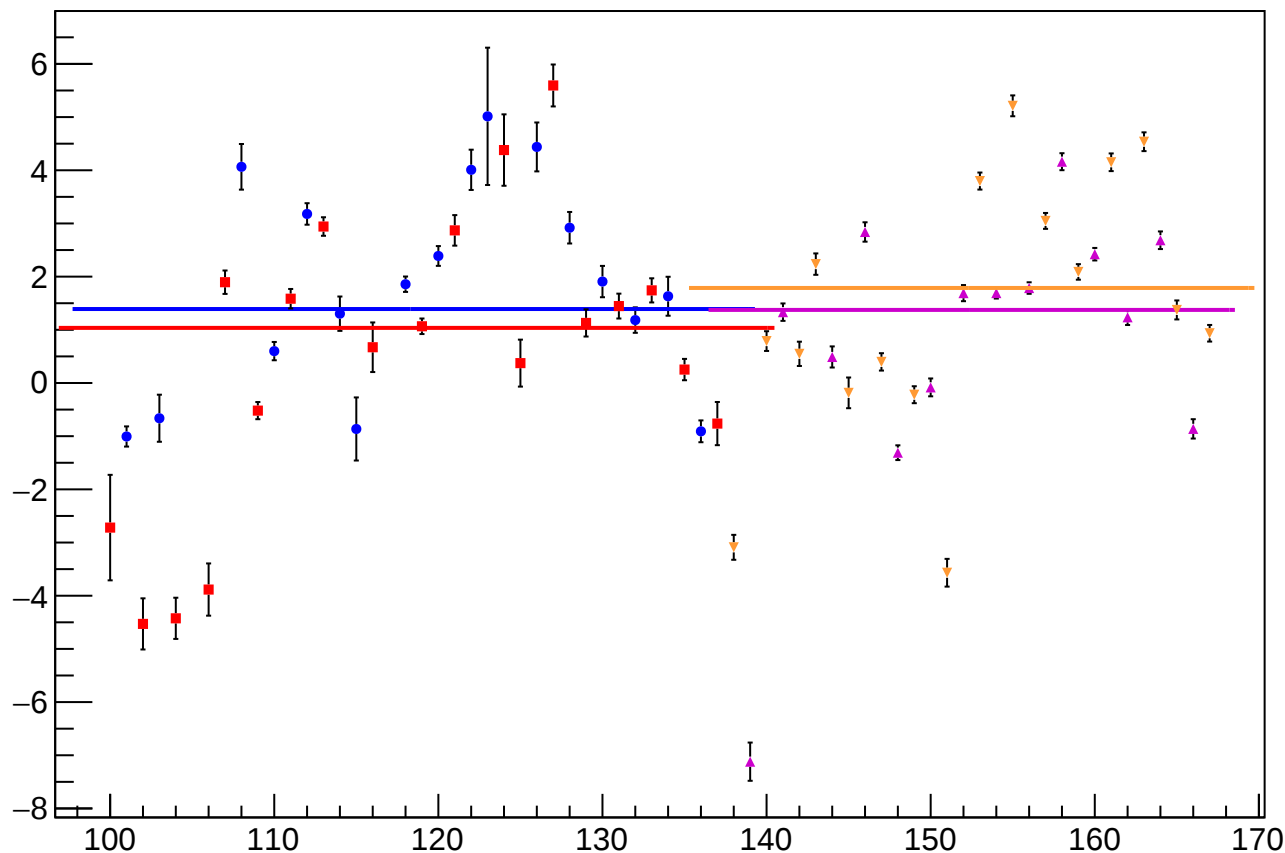
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.765+/-0.061 χ^2/NDF :56563.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.869+/-0.055 χ^2/NDF :37766.6/13

Left: -21.508+/-0.041 χ^2/NDF : 99491.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -18.869+/-0.055 χ^2/NDF :37766.6/13
 Out: -24.765+/-0.061 χ^2/NDF :56563.6/15
 All: -21.508+/-0.041 χ^2/NDF : 99491.8/29

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: 1.787 ± 0.045 χ^2/NDF : 2212.7/15

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.374 ± 0.040 χ^2/NDF : 1719.7/13

Left: 1.554 ± 0.030 χ^2/NDF : 3979.7/29

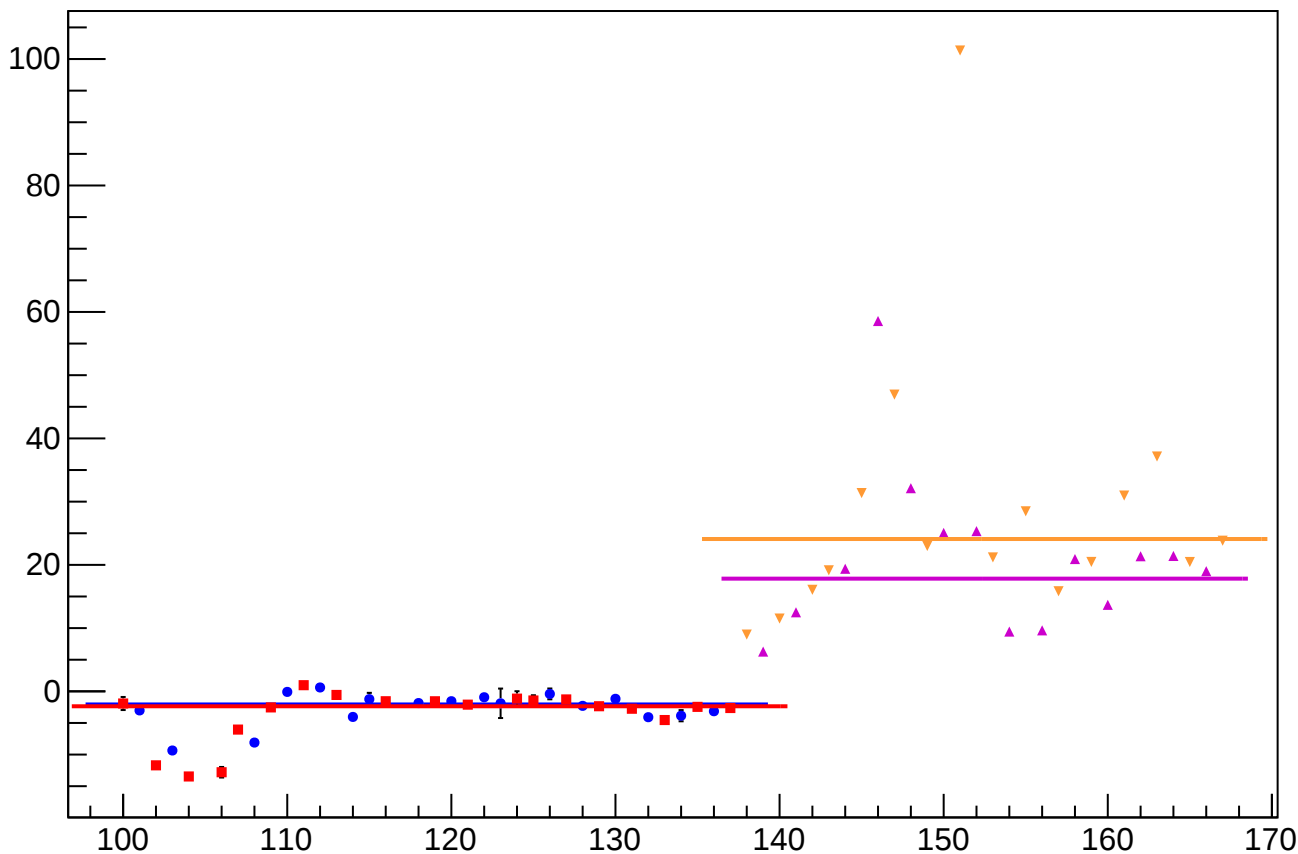
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.379 ± 0.033 χ^2/NDF : 2349.0/30

Out: 1.503 ± 0.036 χ^2/NDF : 3251.7/34

All: 1.437 ± 0.024 χ^2/NDF : 5607.1/65

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.091 ± 0.060 χ^2/NDF : 50673.5/15

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.822 ± 0.053 χ^2/NDF : 35676.8/13

Left: 20.567 ± 0.040 χ^2/NDF : 92490.7/29

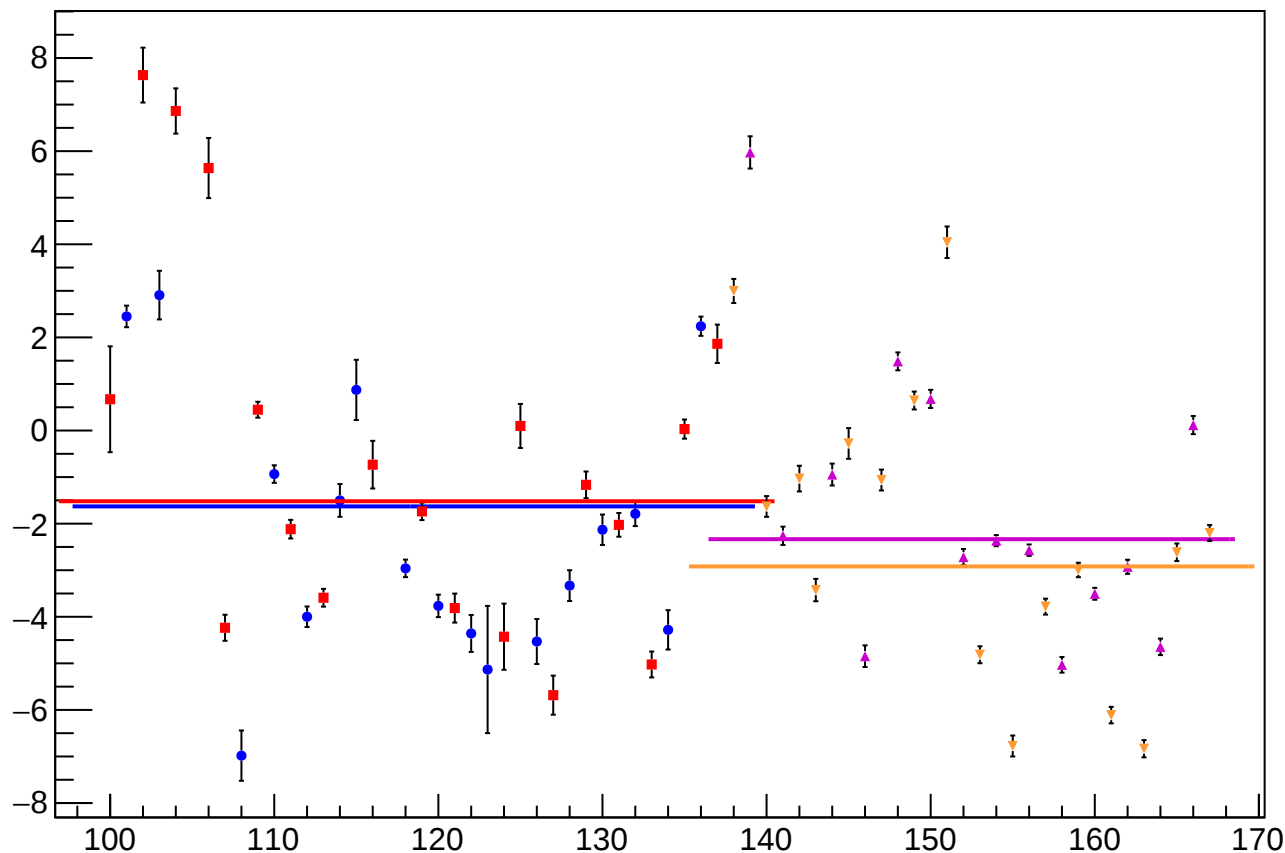
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.097 ± 0.048 χ^2/NDF : 62575.8/30

Out: 16.914 ± 0.051 χ^2/NDF : 104343.1/34

All: 15.407 ± 0.035 χ^2/NDF : 168539.4/65

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -2.919 ± 0.051 $\chi^2/\text{NDF}: 2727.8/15$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -2.333 ± 0.045 $\chi^2/\text{NDF}: 2055.5/13$

Left: -2.588 ± 0.034 $\chi^2/\text{NDF}: 4856.9/29$

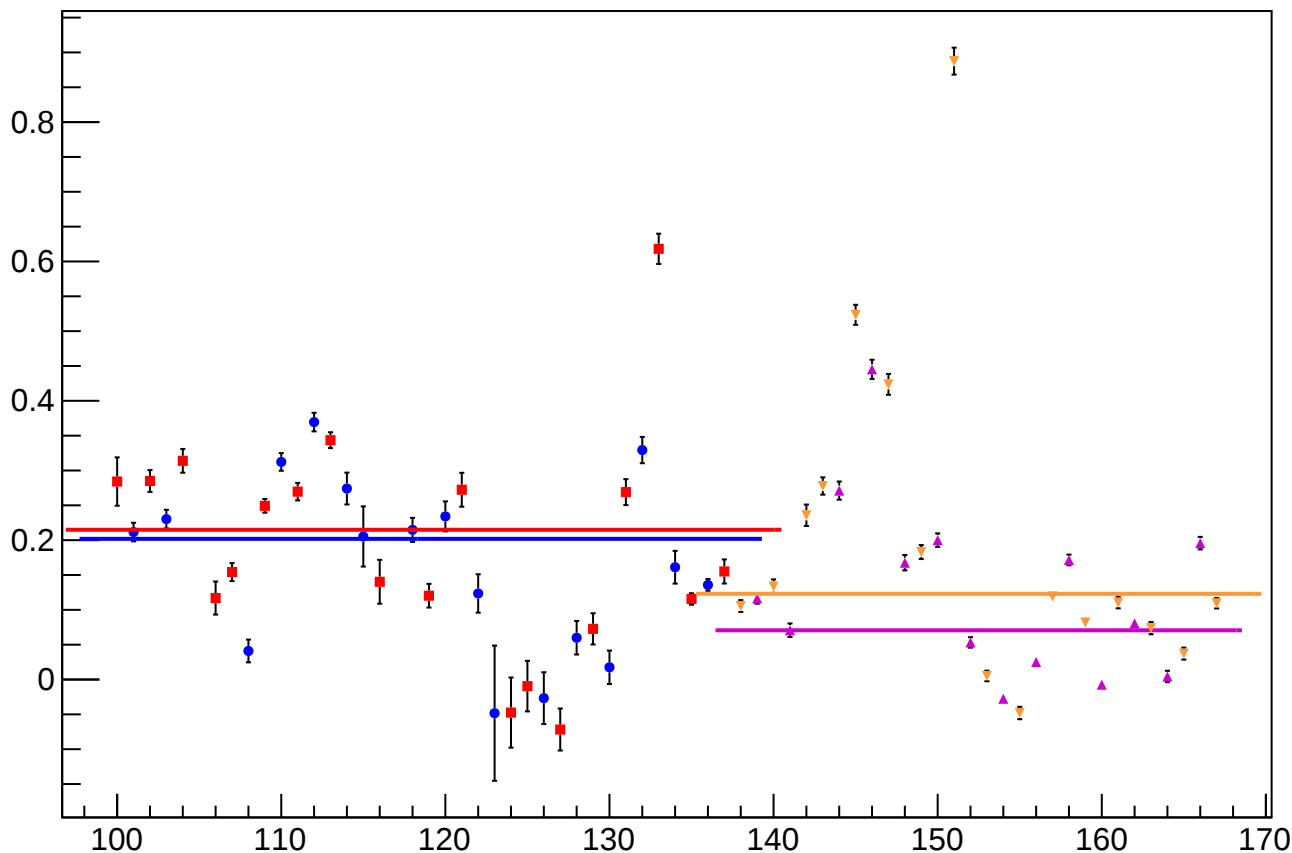
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -2.128 ± 0.038 $\chi^2/\text{NDF}: 3393.2/30$

Out: -2.384 ± 0.040 $\chi^2/\text{NDF}: 4503.8/34$

All: -2.248 ± 0.028 $\chi^2/\text{NDF}: 7918.5/65$

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: 0.123 ± 0.002 χ^2/NDF : 3767.9/15

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.071 ± 0.002 χ^2/NDF : 2376.3/13

Left: 0.093 ± 0.002 χ^2/NDF : 6440.3/29

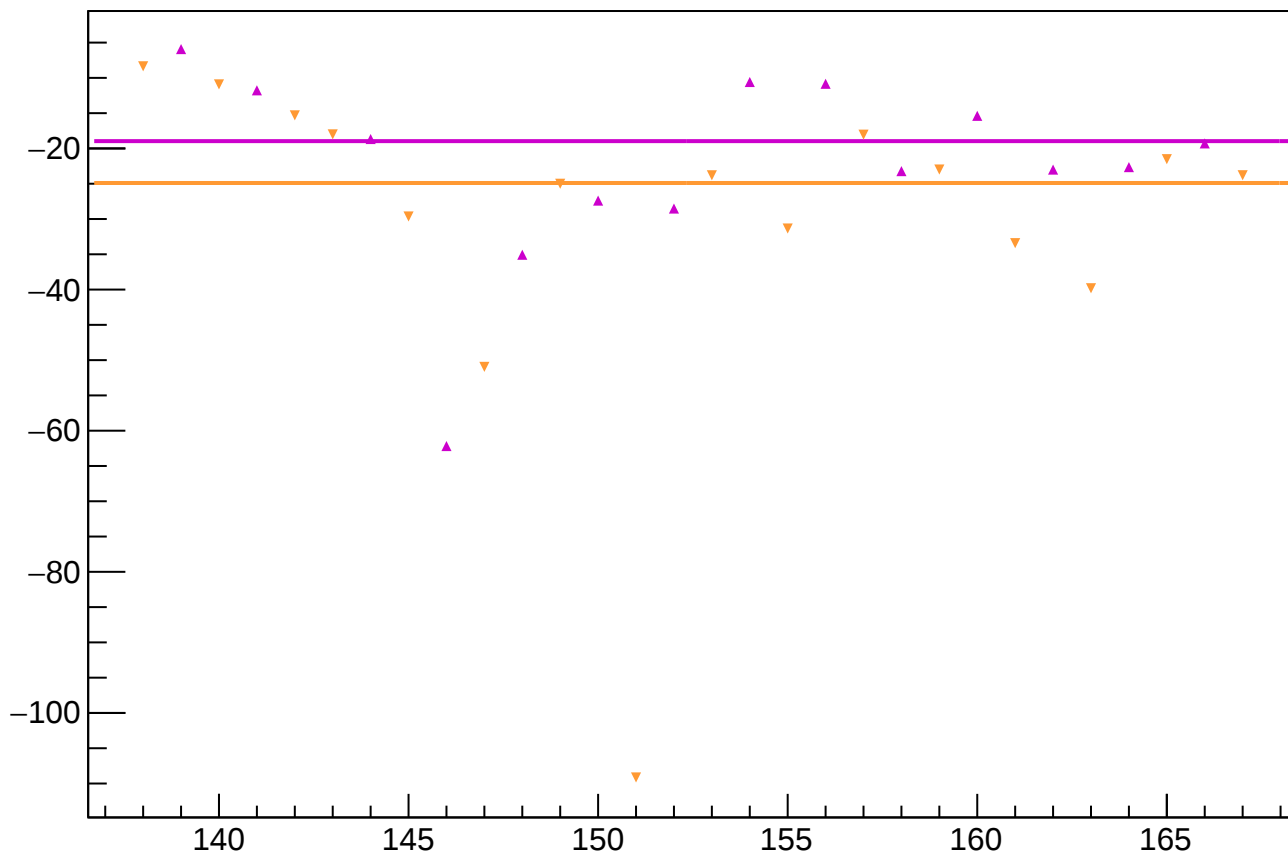
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.095 ± 0.002 χ^2/NDF : 3805.7/30

Out: 0.149 ± 0.002 χ^2/NDF : 5222.5/34

All: 0.120 ± 0.001 χ^2/NDF : 9441.6/65

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



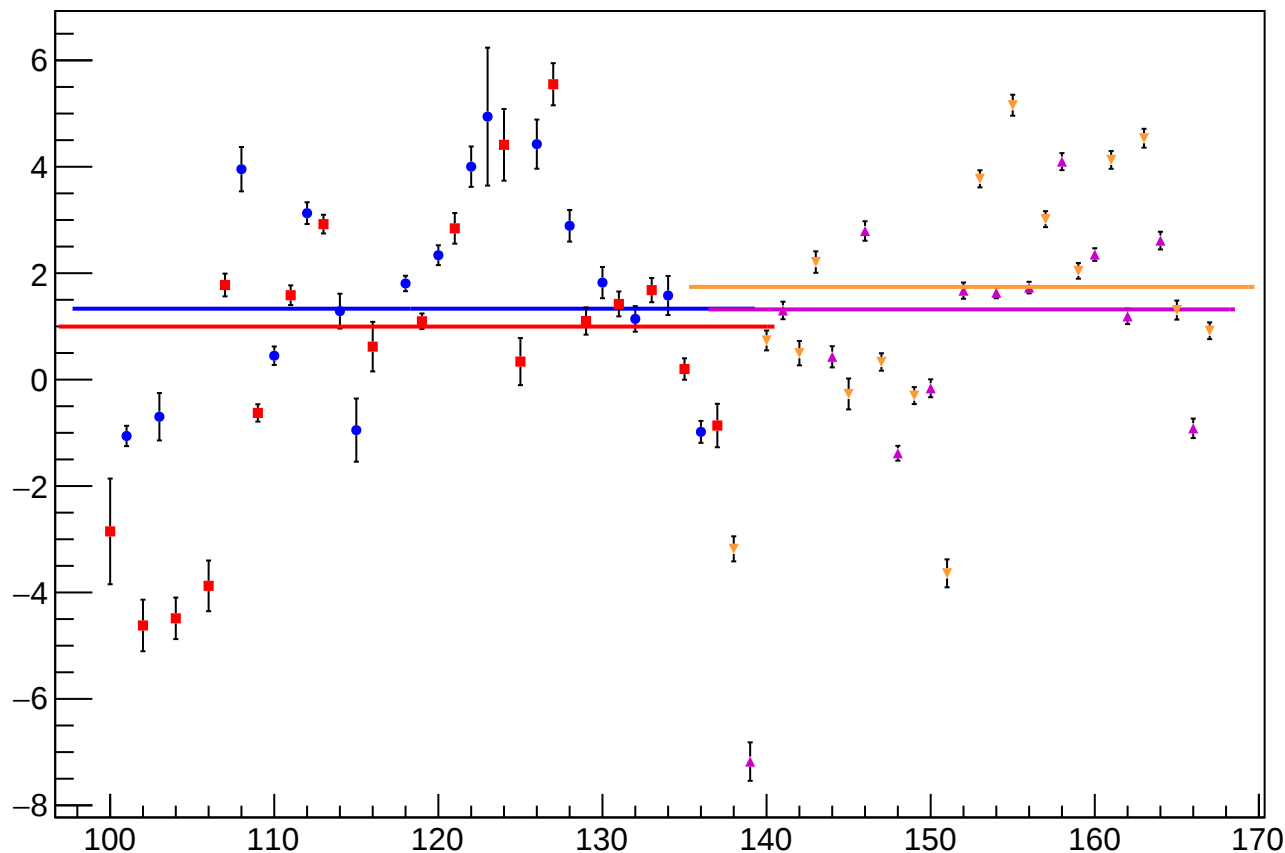
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.896+/-0.061 χ^2/NDF : 56692.1/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.964+/-0.055 χ^2/NDF : 37824.6/13

Left: -21.617+/-0.041 χ^2/NDF : 99699.5/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

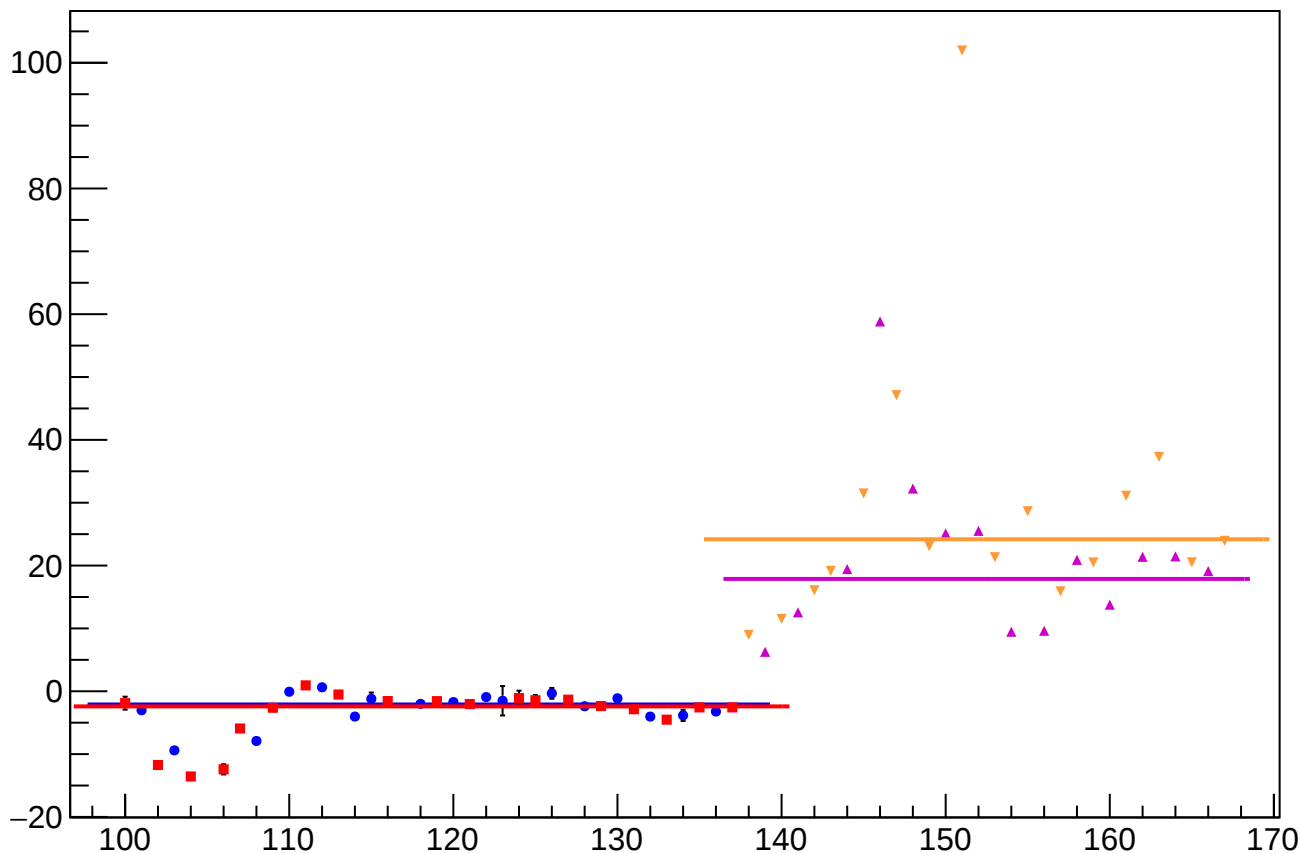
In: -18.964+/-0.055 χ^2/NDF : 37824.6/13
 Out: -24.896+/-0.061 χ^2/NDF : 56692.1/15

All: -21.617+/-0.041 χ^2/NDF : 99699.5/29

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 24.186 ± 0.060 χ^2/NDF : 50783.7/15

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.876 ± 0.053 χ^2/NDF : 35747.0/13

Left: 20.638 ± 0.040 χ^2/NDF : 92703.2/29

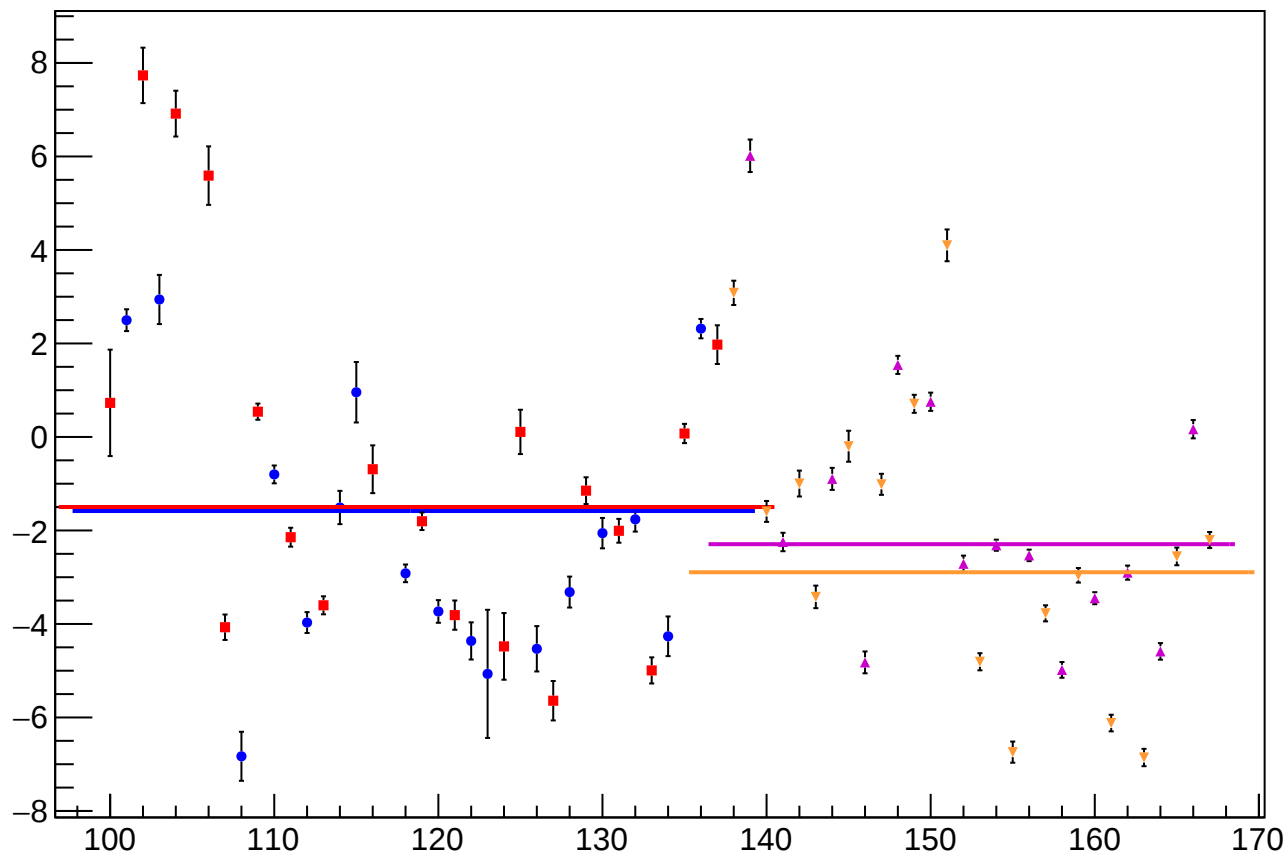
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 14.145 ± 0.048 χ^2/NDF : 62595.3/30

Out: 16.979 ± 0.051 χ^2/NDF : 104499.9/34

All: 15.462 ± 0.035 χ^2/NDF : 168721.9/65

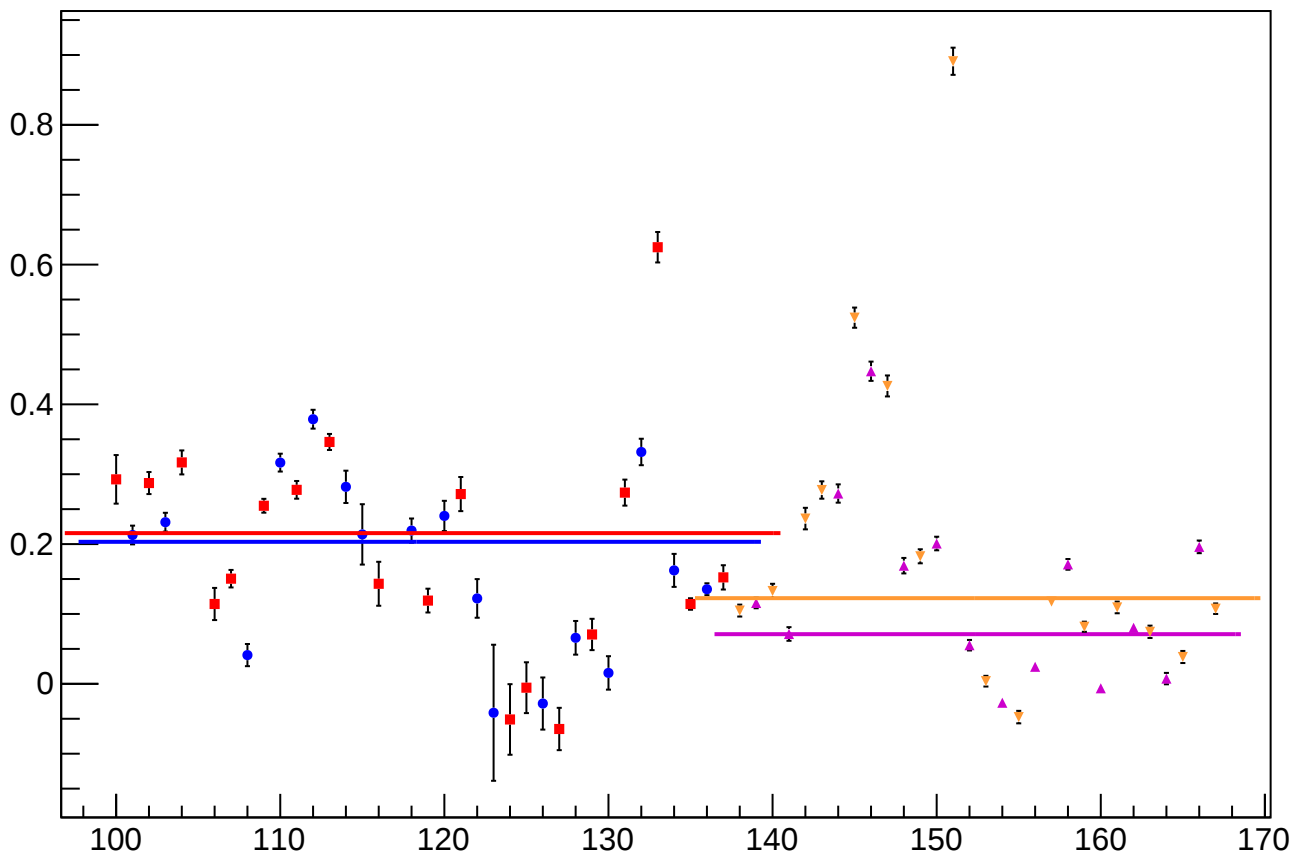
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -2.893 ± 0.052 $\chi^2/\text{NDF}: 2751.4/15$
 Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$
 Left In: -2.293 ± 0.045 $\chi^2/\text{NDF}: 2046.1/13$

Left: -2.554 ± 0.034 $\chi^2/\text{NDF}: 4874.1/29$
 Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$
 In: -2.087 ± 0.038 $\chi^2/\text{NDF}: 3390.0/30$
 Out: -2.360 ± 0.041 $\chi^2/\text{NDF}: 4535.3/34$
 All: -2.215 ± 0.028 $\chi^2/\text{NDF}: 7949.5/65$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3756.7/15

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.071 ± 0.002 χ^2/NDF : 2358.5/13

Left: 0.093 ± 0.002 χ^2/NDF : 6399.6/29

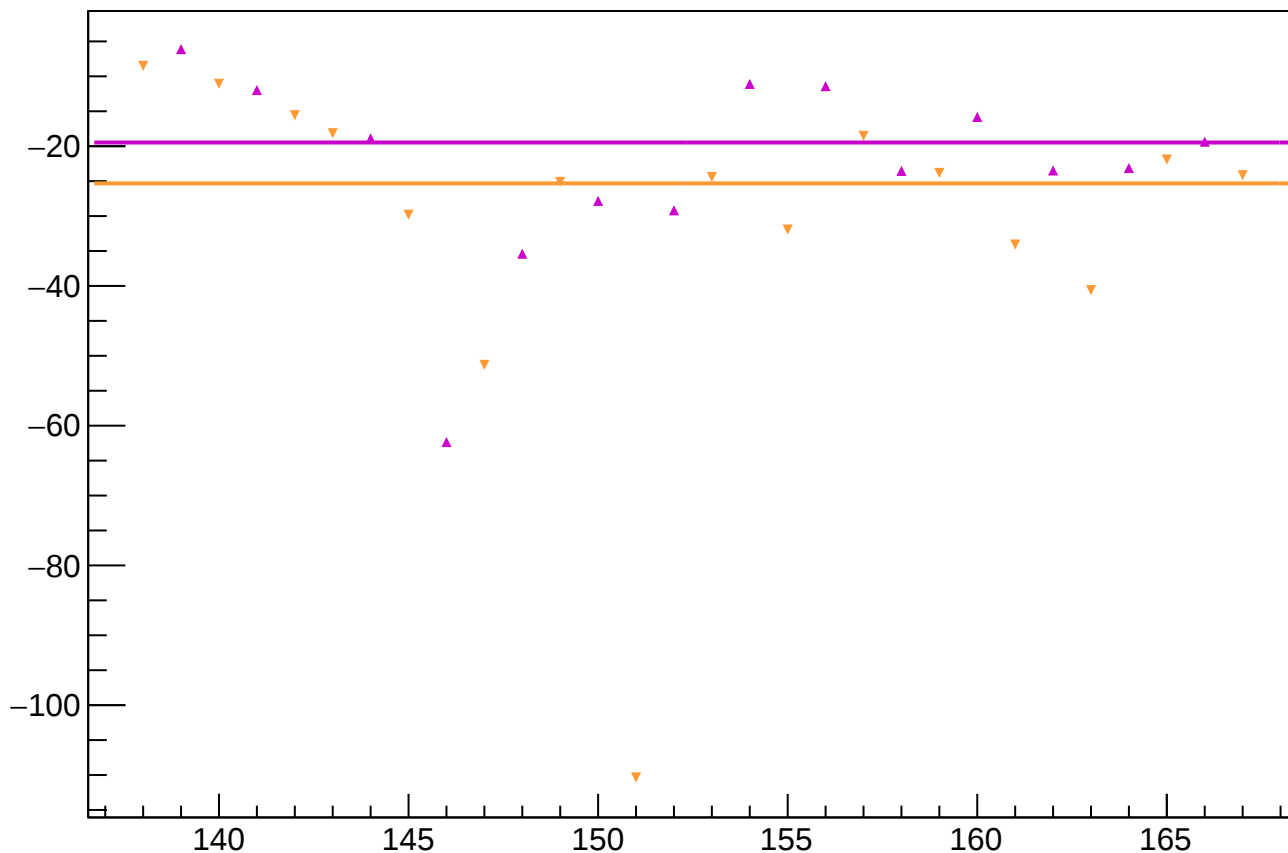
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.096 ± 0.002 χ^2/NDF : 3821.9/30

Out: 0.149 ± 0.002 χ^2/NDF : 5252.6/34

All: 0.120 ± 0.001 χ^2/NDF : 9475.9/65

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.319+/-0.062 χ^2/NDF :56617.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Left: -22.103+/-0.042 χ^2/NDF : 98160.0/29

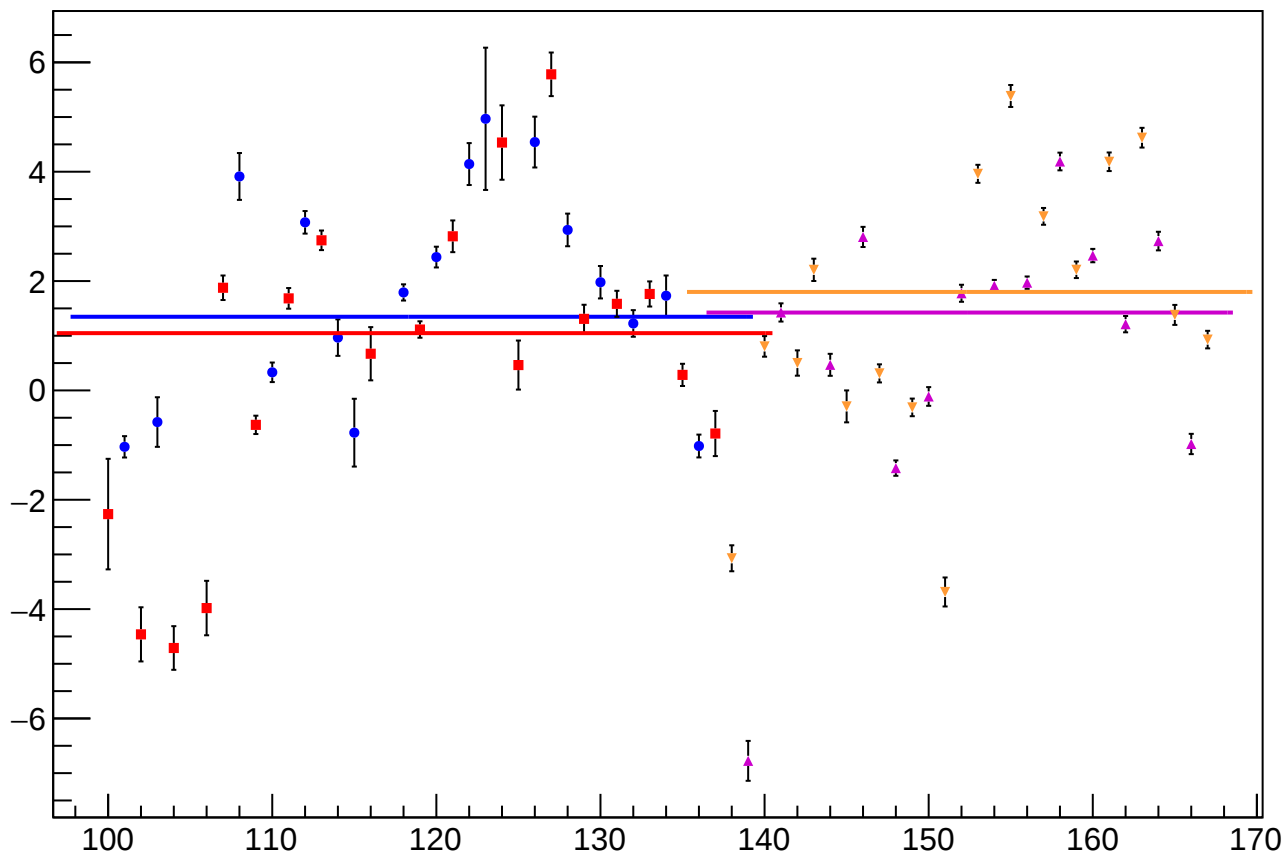
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Out: -25.319+/-0.062 χ^2/NDF :56617.4/15

All: -22.103+/-0.042 χ^2/NDF : 98160.0/29

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.801 $\pm$ 0.046 χ^2 /NDF:2269.6/15

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.424 $\pm$ 0.041 χ^2 /NDF:1715.5/13

Left: 1.590 $\pm$ 0.031 χ^2 /NDF: 4022.8/29

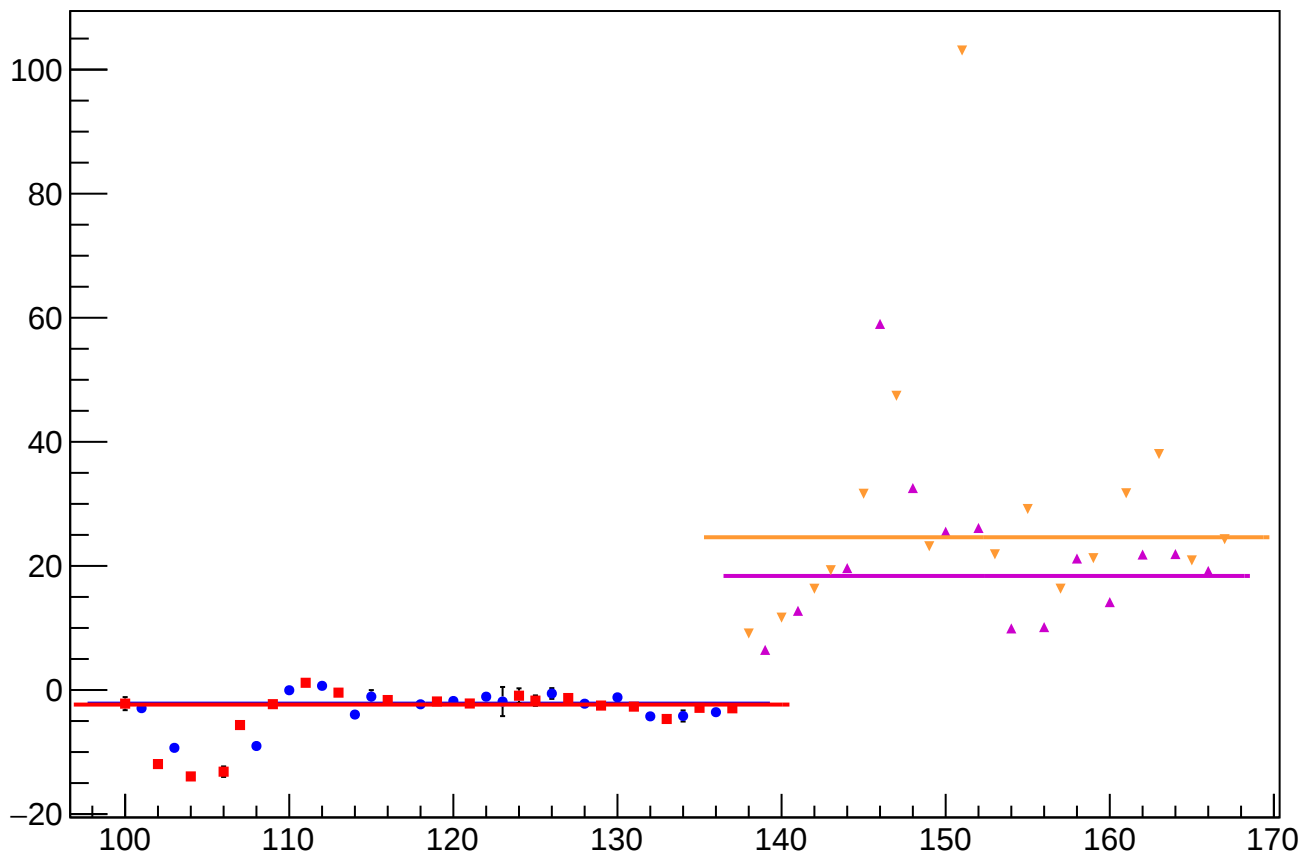
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.401 $\pm$ 0.034 χ^2 /NDF:2346.7/30

Out: 1.517 $\pm$ 0.036 χ^2 /NDF:3286.7/34

All: 1.455 $\pm$ 0.025 χ^2 /NDF: 5638.8/65

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 24.621 ± 0.061 χ^2/NDF : 50562.1/15

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.384 ± 0.054 χ^2/NDF : 34509.4/13

Left: 21.132 ± 0.041 χ^2/NDF : 90857.7/29

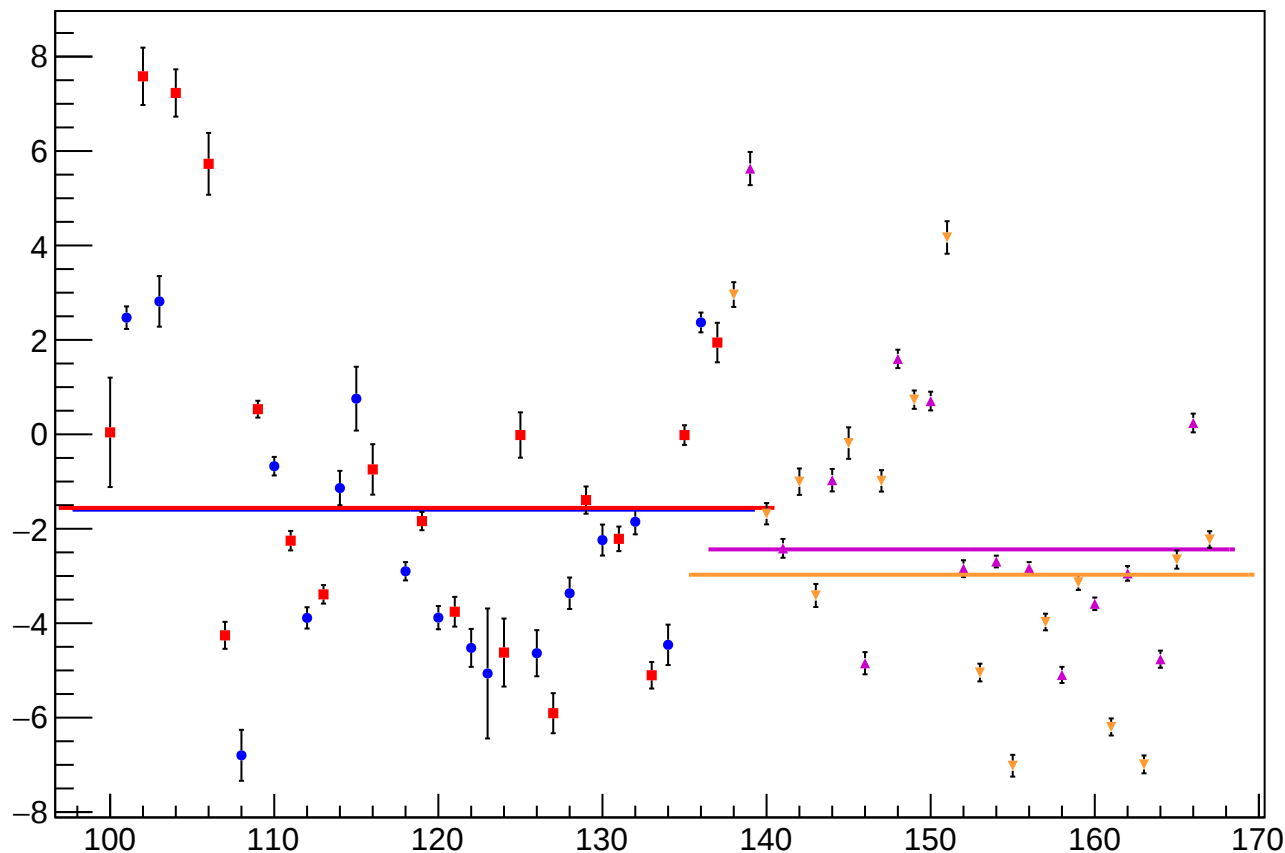
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 14.501 ± 0.049 χ^2/NDF : 61949.9/30

Out: 17.344 ± 0.052 χ^2/NDF : 103664.2/34

All: 15.828 ± 0.036 χ^2/NDF : 167183.6/65

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: -2.973+/-0.052 χ^2/NDF : 2791.1/15

Right Out: -1.558+/-0.067 χ^2/NDF : 1463.8/18

Left In: -2.437+/-0.046 χ^2/NDF : 2041.8/13

Left: -2.672+/-0.035 χ^2/NDF : 4891.6/29

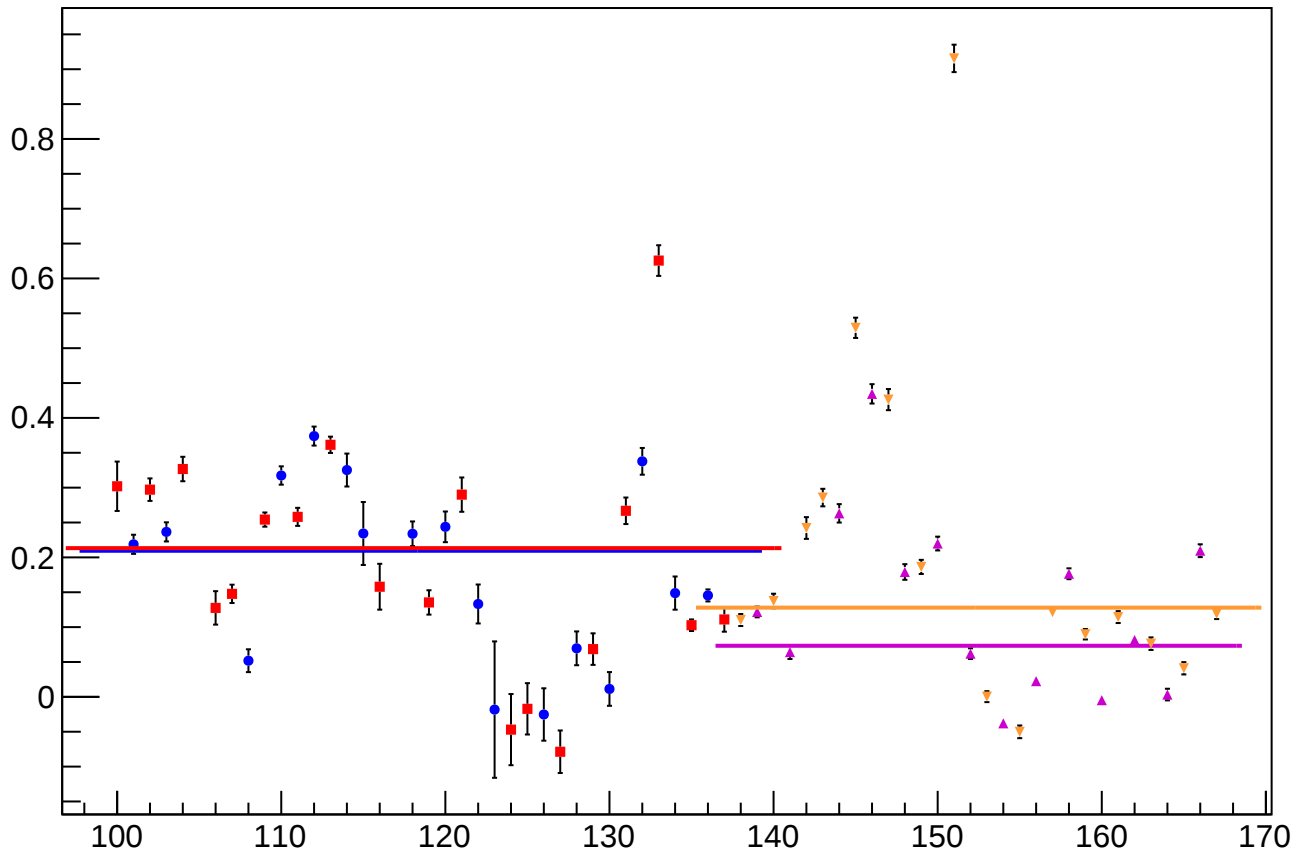
Right: -1.575+/-0.049 χ^2/NDF : 2719.3/35

In: -2.189+/-0.039 χ^2/NDF : 3394.4/30

Out: -2.434+/-0.041 χ^2/NDF : 4532.1/34

All: -2.304+/-0.028 χ^2/NDF : 7945.1/65

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: 0.128 $\pm$ 0.002 χ^2 /NDF: 3807.6/15

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.073 $\pm$ 0.002 χ^2 /NDF: 2437.7/13

Left: 0.097 $\pm$ 0.002 χ^2 /NDF: 6551.8/29

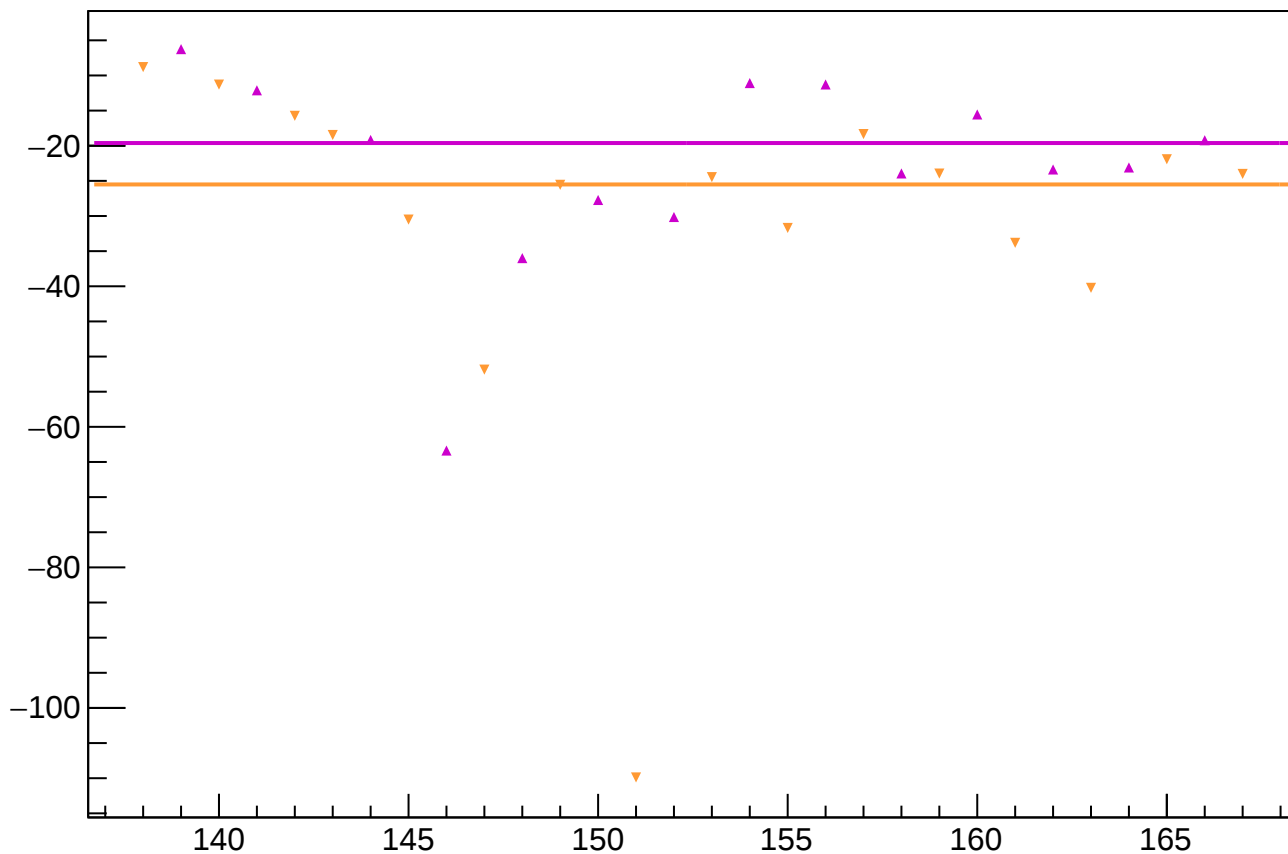
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.099 $\pm$ 0.002 χ^2 /NDF: 3884.9/30

Out: 0.152 $\pm$ 0.002 χ^2 /NDF: 5280.6/34

All: 0.123 $\pm$ 0.001 χ^2 /NDF: 9546.6/65

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.509+/-0.063 χ^2/NDF : 55400.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.616+/-0.057 χ^2/NDF : 36961.2/13

Left: -22.281+/-0.042 χ^2/NDF : 97169.0/29

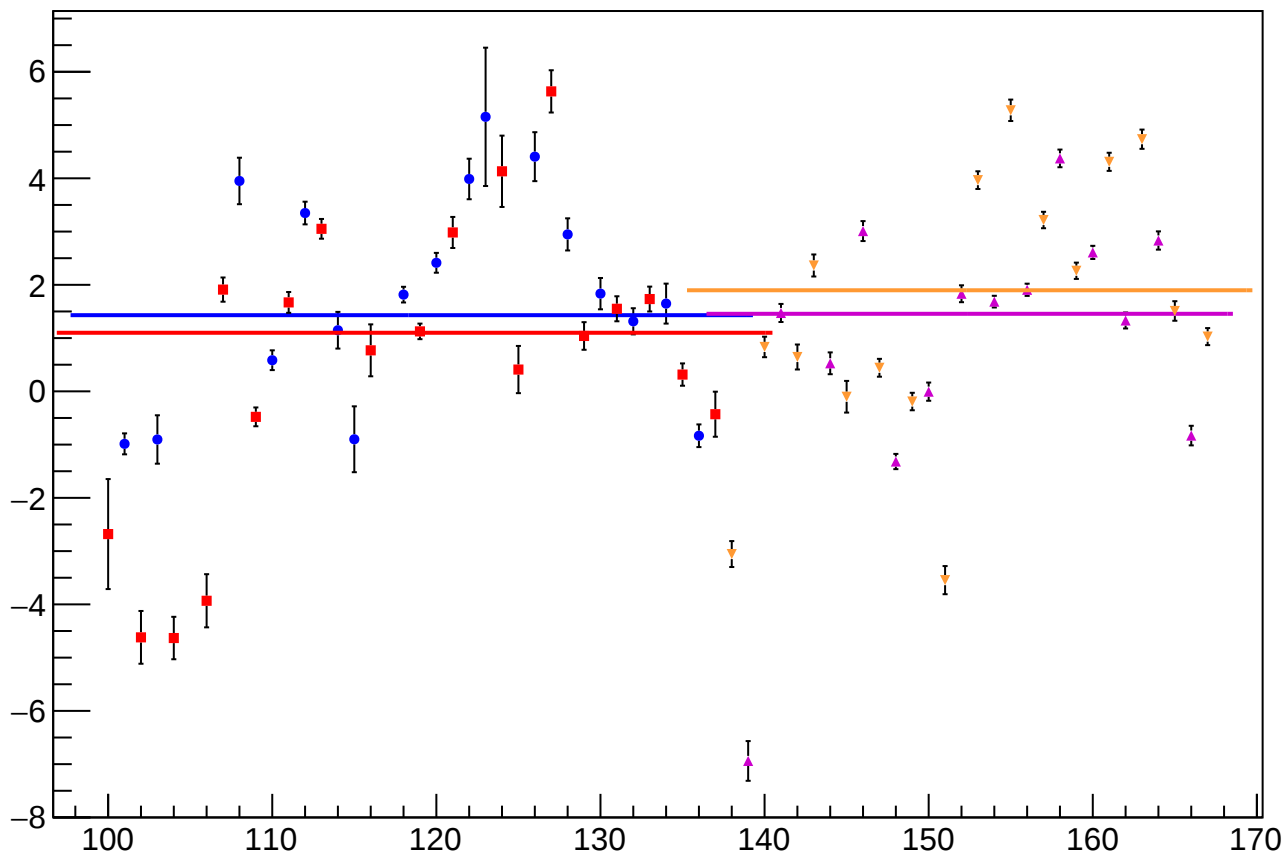
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.616+/-0.057 χ^2/NDF : 36961.2/13

Out: -25.509+/-0.063 χ^2/NDF : 55400.6/15

All: -22.281+/-0.042 χ^2/NDF : 97169.0/29

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.898 $\pm$ 0.046 χ^2 /NDF:2181.7/15

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 1.456 $\pm$ 0.041 χ^2 /NDF:1686.5/13

Left: 1.651 $\pm$ 0.031 χ^2 /NDF: 3918.7/29

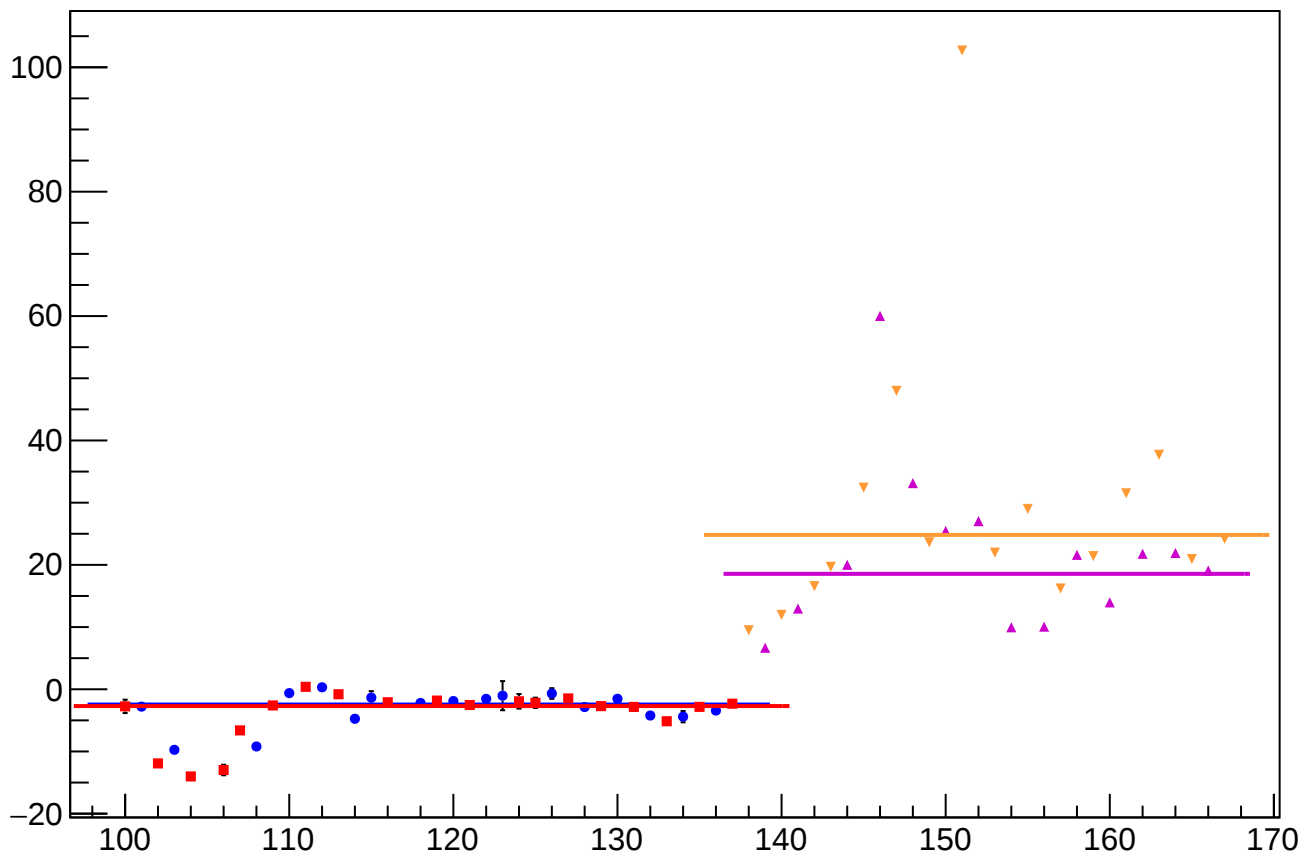
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.448 $\pm$ 0.035 χ^2 /NDF:2284.7/30

Out: 1.598 $\pm$ 0.037 χ^2 /NDF:3193.5/34

All: 1.519 $\pm$ 0.025 χ^2 /NDF: 5487.0/65

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.815 ± 0.062 χ^2/NDF : 49606.0/15

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.556 ± 0.055 χ^2/NDF : 34794.5/13

Left: 21.329 ± 0.041 χ^2/NDF : 90105.4/29

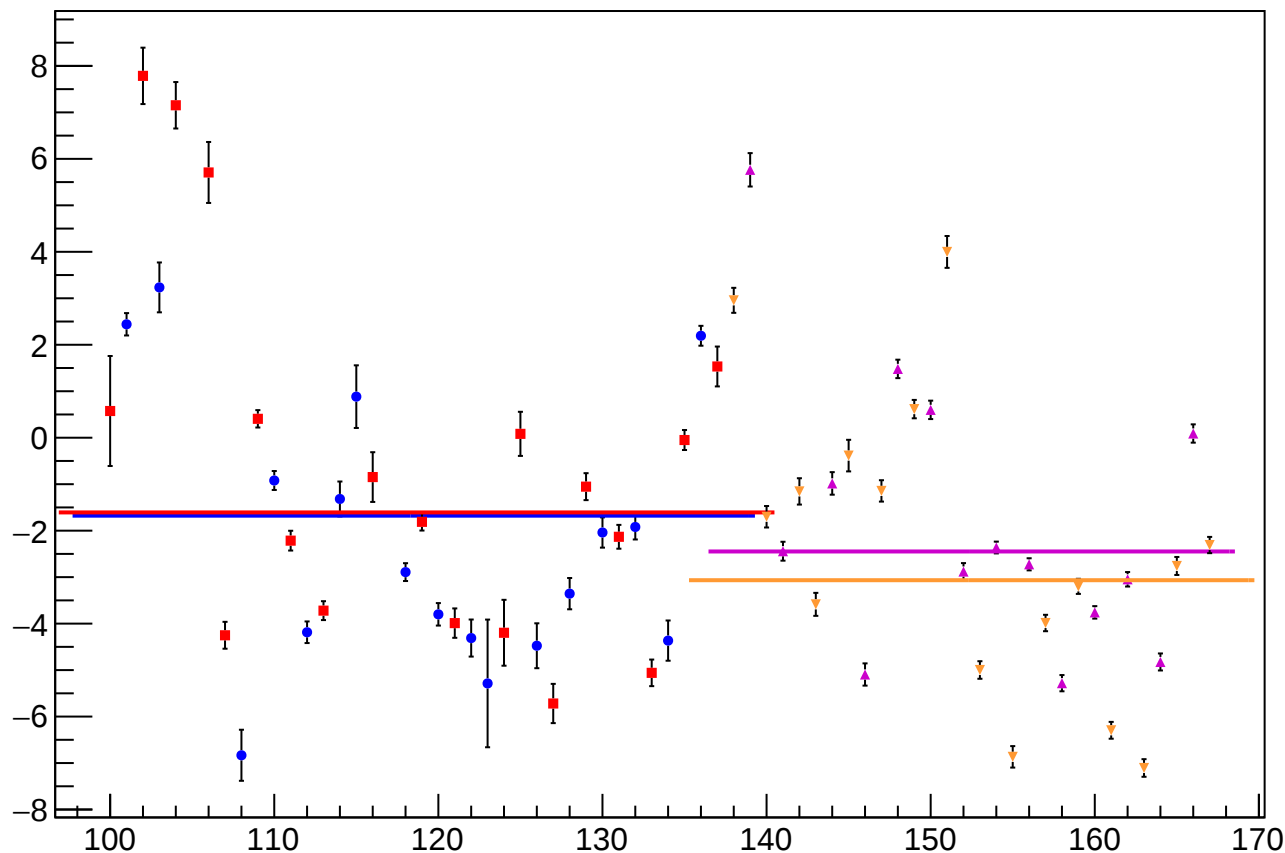
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 14.602 ± 0.050 χ^2/NDF : 62524.2/30

Out: 17.533 ± 0.053 χ^2/NDF : 102823.6/34

All: 15.972 ± 0.036 χ^2/NDF : 166974.4/65

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -3.066 ± 0.053 χ^2/NDF : 2685.7/15

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.448 ± 0.047 χ^2/NDF : 2027.7/13

Left: -2.720 ± 0.035 χ^2/NDF : 4789.8/29

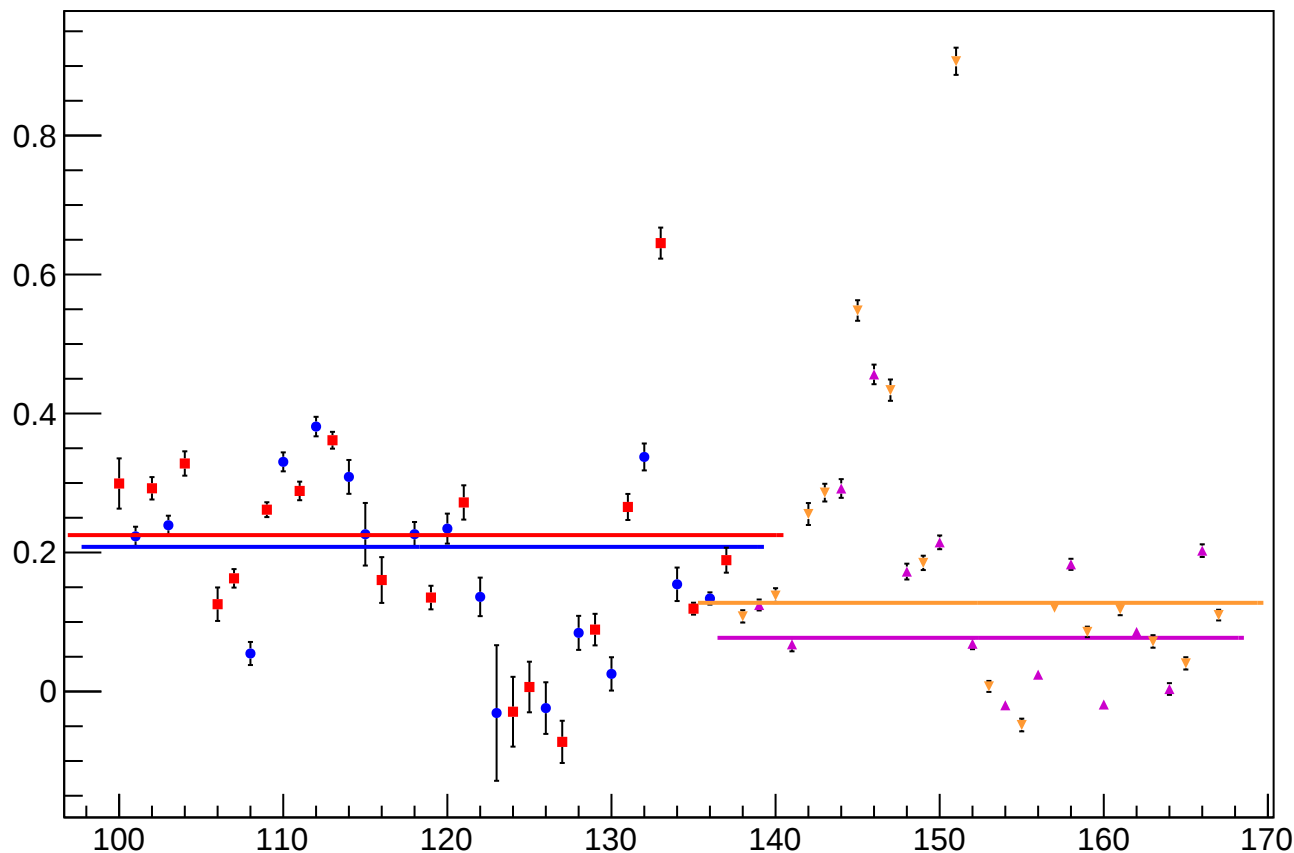
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.219 ± 0.039 χ^2/NDF : 3312.2/30

Out: -2.515 ± 0.042 χ^2/NDF : 4403.7/34

All: -2.359 ± 0.029 χ^2/NDF : 7742.3/65

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: 0.128 ± 0.002 χ^2/NDF : 3820.8/15

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.077 ± 0.002 χ^2/NDF : 2410.6/13

Left: 0.099 ± 0.002 χ^2/NDF : 6485.6/29

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.102 ± 0.002 χ^2/NDF : 3773.7/30

Out: 0.155 ± 0.002 χ^2/NDF : 5287.1/34

All: 0.126 ± 0.001 χ^2/NDF : 9426.7/65