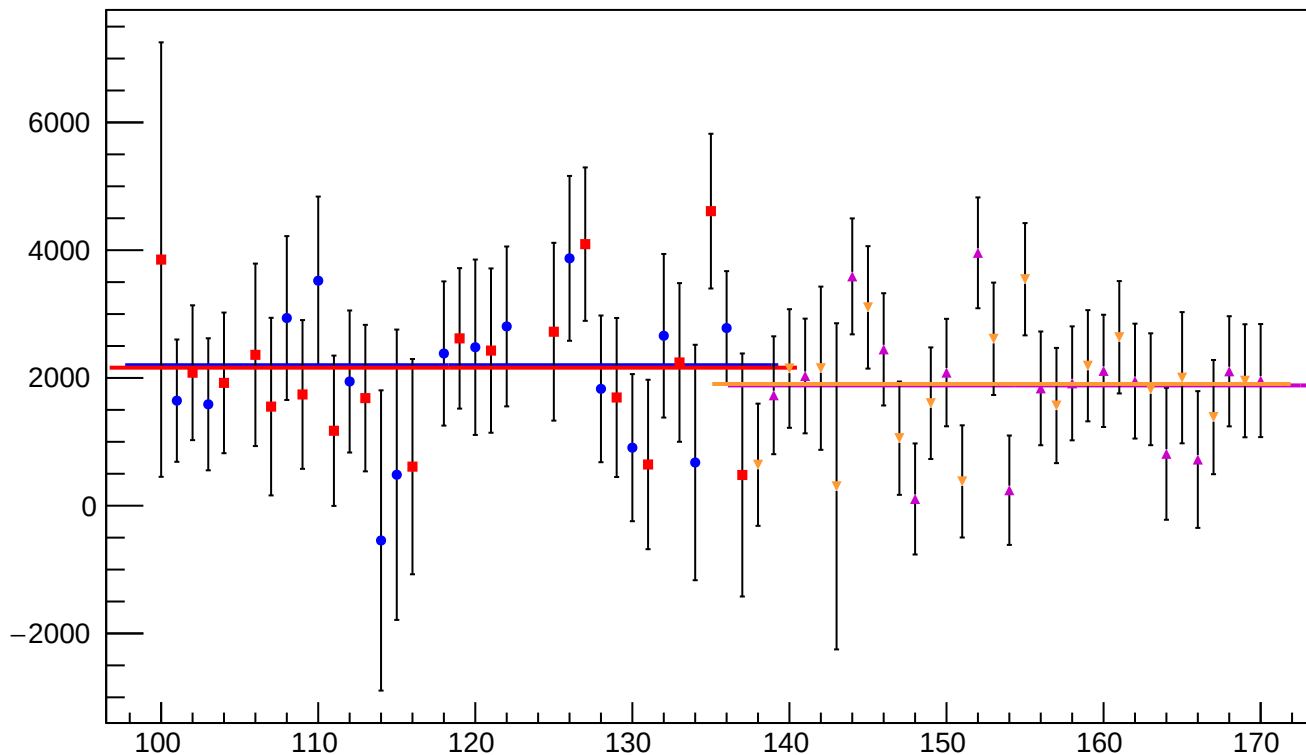


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1905.668+/-228.249

Right Out: 2160.742+/-303.587

Left In: 1882.761+/-224.535

χ^2/NDF : 8.6/15

χ^2/NDF :13.3/16

χ^2/NDF : 11.7/17

χ^2/NDF :20.0/15

Left: 1894.026+/-160.067

Right: 2179.612+/-215.784

In: 1993.038+/-181.186

Out: 1997.782+/-182.438

χ^2/NDF : 33.3/32

χ^2/NDF : 20.3/33

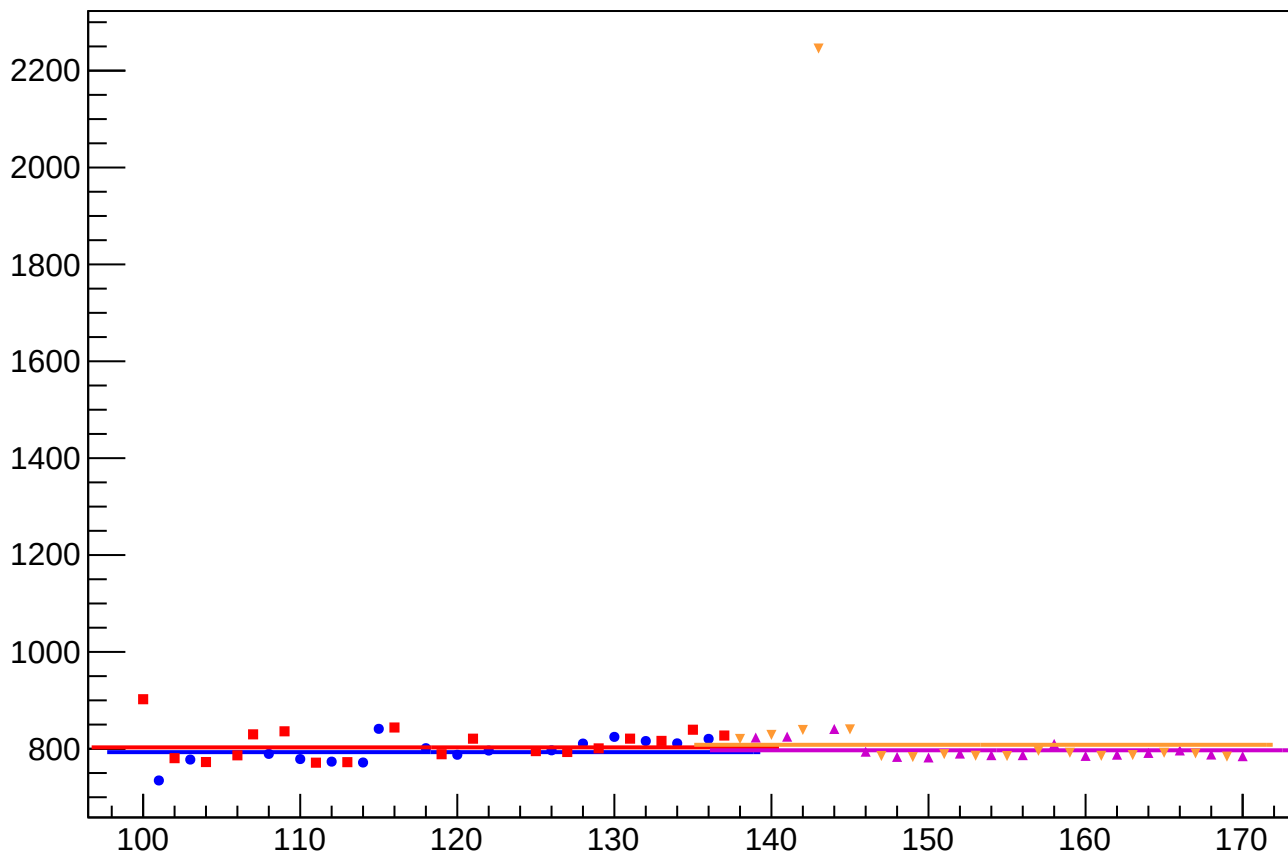
χ^2/NDF :29.3/31

χ^2/NDF :25.4/34

All: 1995.394+/-128.558

χ^2/NDF : 54.7/66

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 808.261 ± 0.161 χ^2/NDF : 651787.0/16

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

Left In: 796.916 ± 0.159 χ^2/NDF : 11687.4/15

Left: 802.495 ± 0.113 χ^2/NDF : 665985.3/32

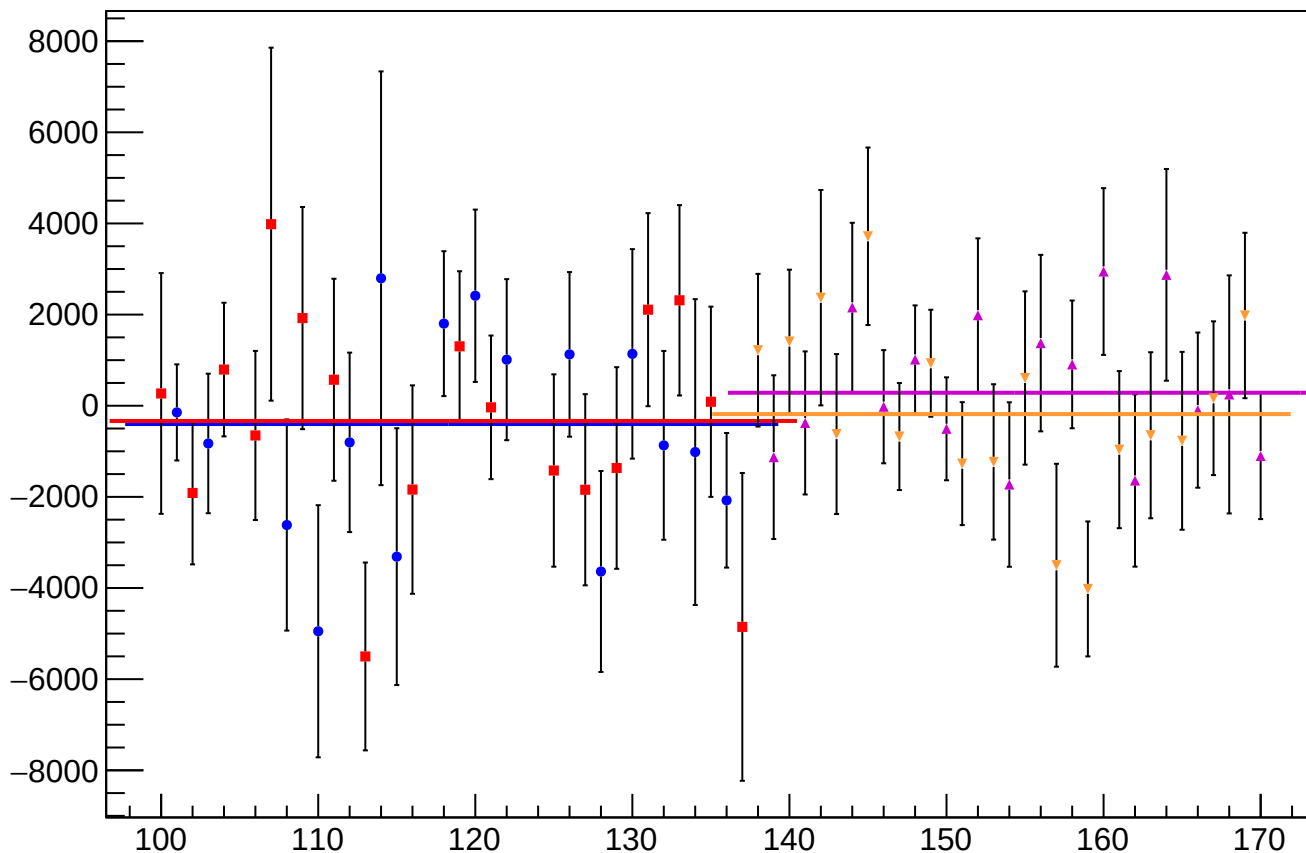
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 795.582 ± 0.128 χ^2/NDF : 26592.9/31

Out: 806.341 ± 0.129 χ^2/NDF : 666624.1/34

All: 800.924 ± 0.091 χ^2/NDF : 696719.4/66

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -183.394 $\pm$ 396.492 χ^2 /NDF:20.0/16

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

Left In: 284.699 $\pm$ 396.547 χ^2 /NDF:11.0/15

Left: 50.620 $\pm$ 280.382 χ^2 /NDF: 31.7/32

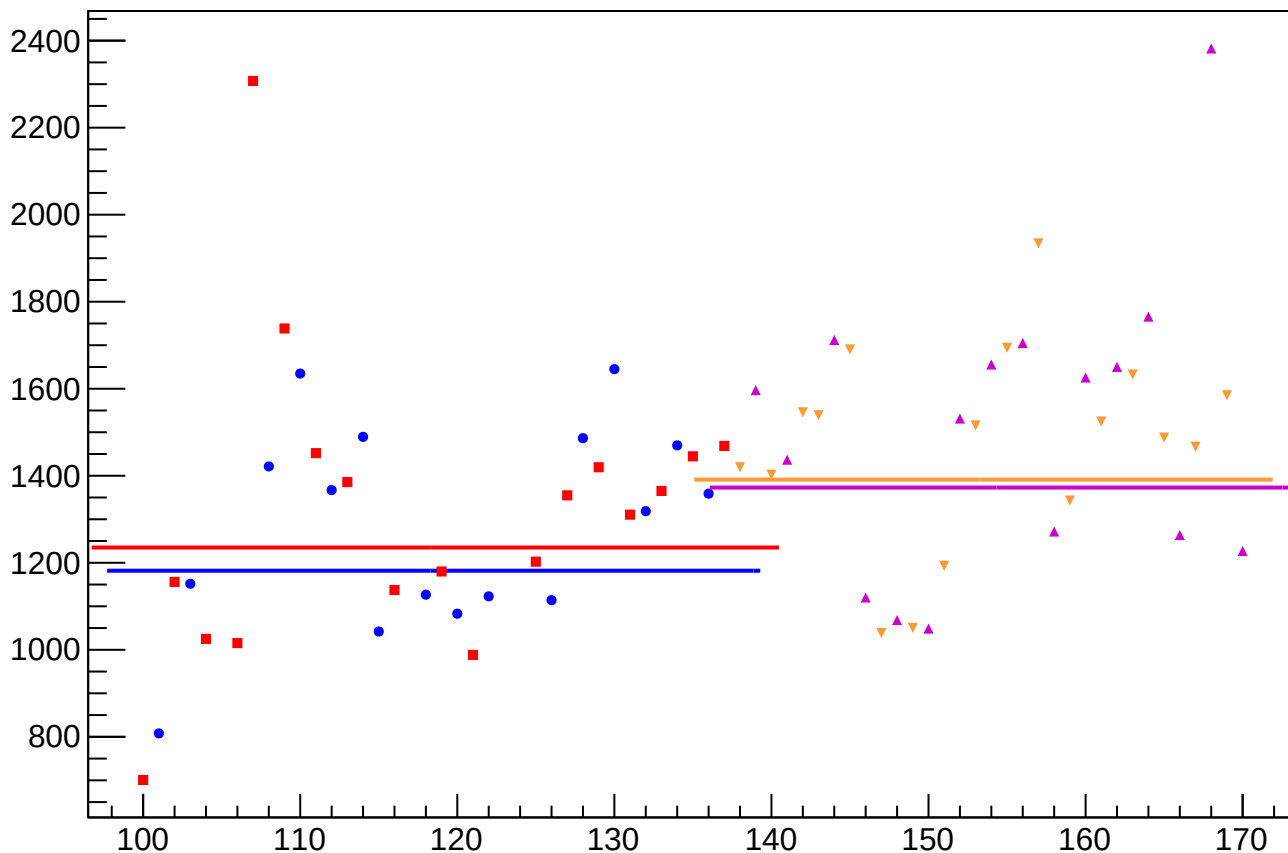
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -1.581 $\pm$ 302.725 χ^2 /NDF:27.0/31

Out: -244.708 $\pm$ 305.295 χ^2 /NDF:37.5/34

All: -122.117 $\pm$ 214.962 χ^2 /NDF: 64.9/66

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1391.117 $\pm$ 0.280 χ^2 /NDF: 724122.2/16

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

Left In: 1372.884 $\pm$ 0.280 χ^2 /NDF: 1083649.4/15

Left: 1382.002 $\pm$ 0.198 χ^2 /NDF: 1809886.1/32

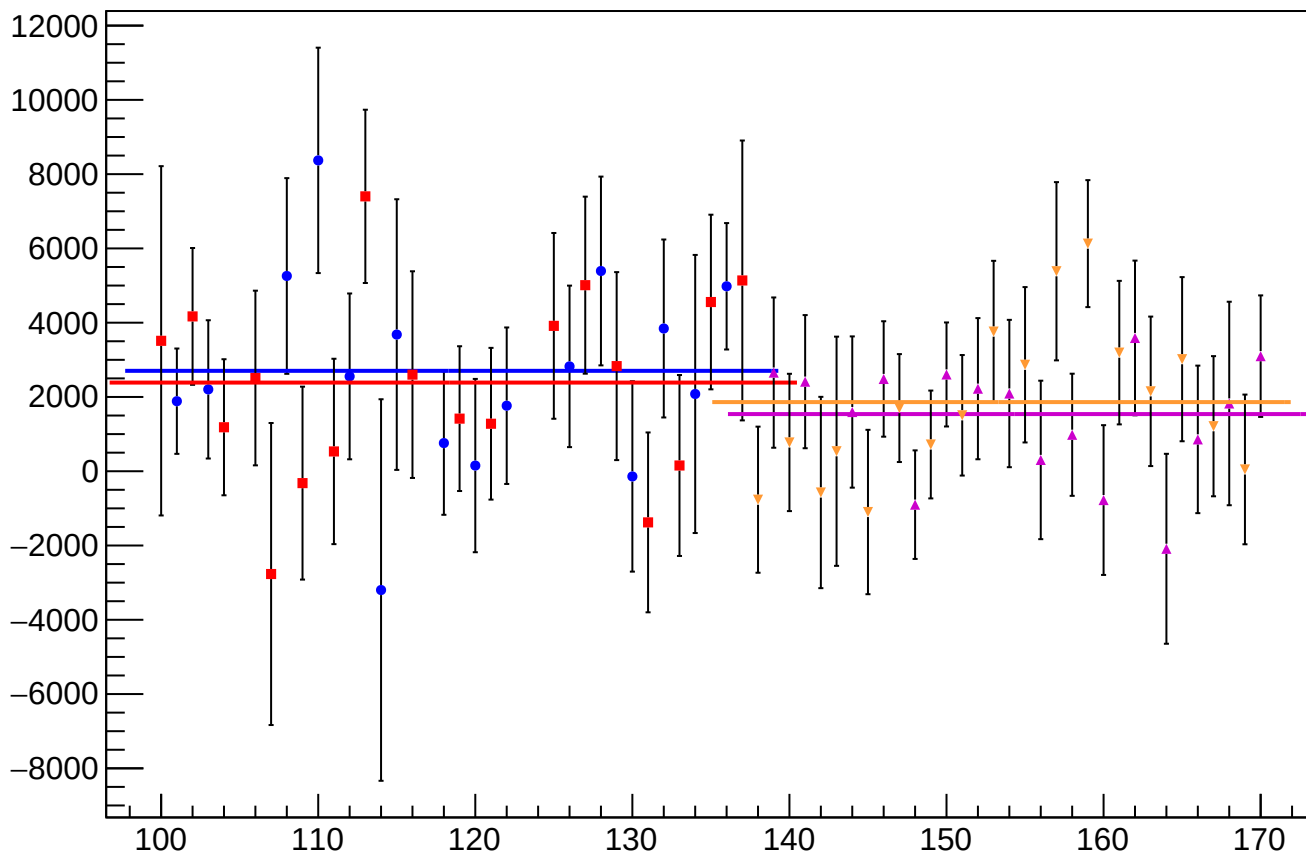
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1293.146 $\pm$ 0.214 χ^2 /NDF: 1820963.9/31

Out: 1327.597 $\pm$ 0.216 χ^2 /NDF: 1390458.5/34

All: 1310.226 $\pm$ 0.152 χ^2 /NDF: 3224264.3/66

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1861.888 $\pm$ 466.023 χ^2 /NDF:17.0/16

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

Left In: 1539.216 $\pm$ 461.348 χ^2 /NDF:10.3/15

Left: 1698.925 $\pm$ 327.863 χ^2 /NDF: 27.5/32

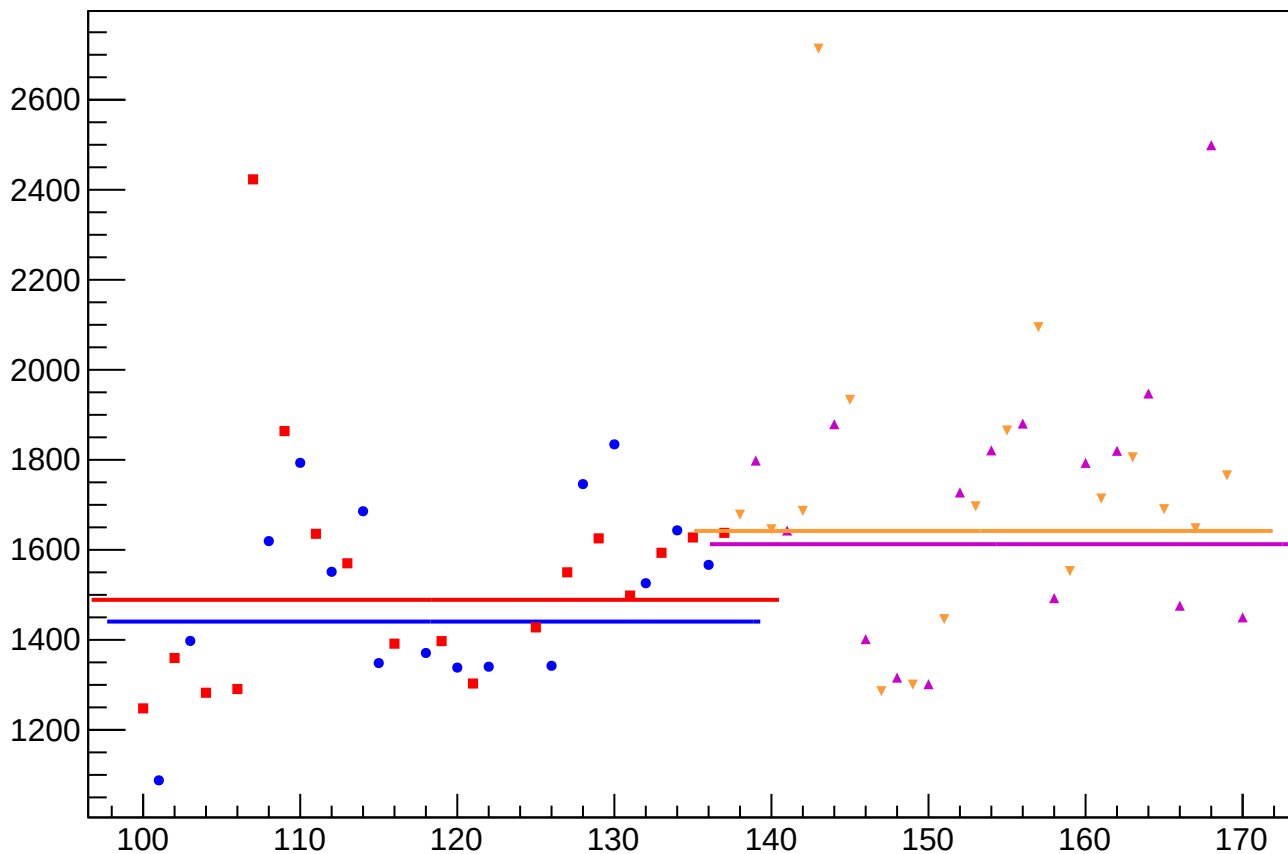
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2005.527 $\pm$ 357.225 χ^2 /NDF:25.9/31

Out: 2072.731 $\pm$ 360.601 χ^2 /NDF:33.6/34

All: 2038.813 $\pm$ 253.781 χ^2 /NDF: 59.5/66

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1641.981+/-0.330 χ^2/NDF : 662436.2/16

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

Left In: 1612.594+/-0.326 χ^2/NDF : 649758.9/15

Left: 1627.139+/-0.232 χ^2/NDF : 1316211.4/32

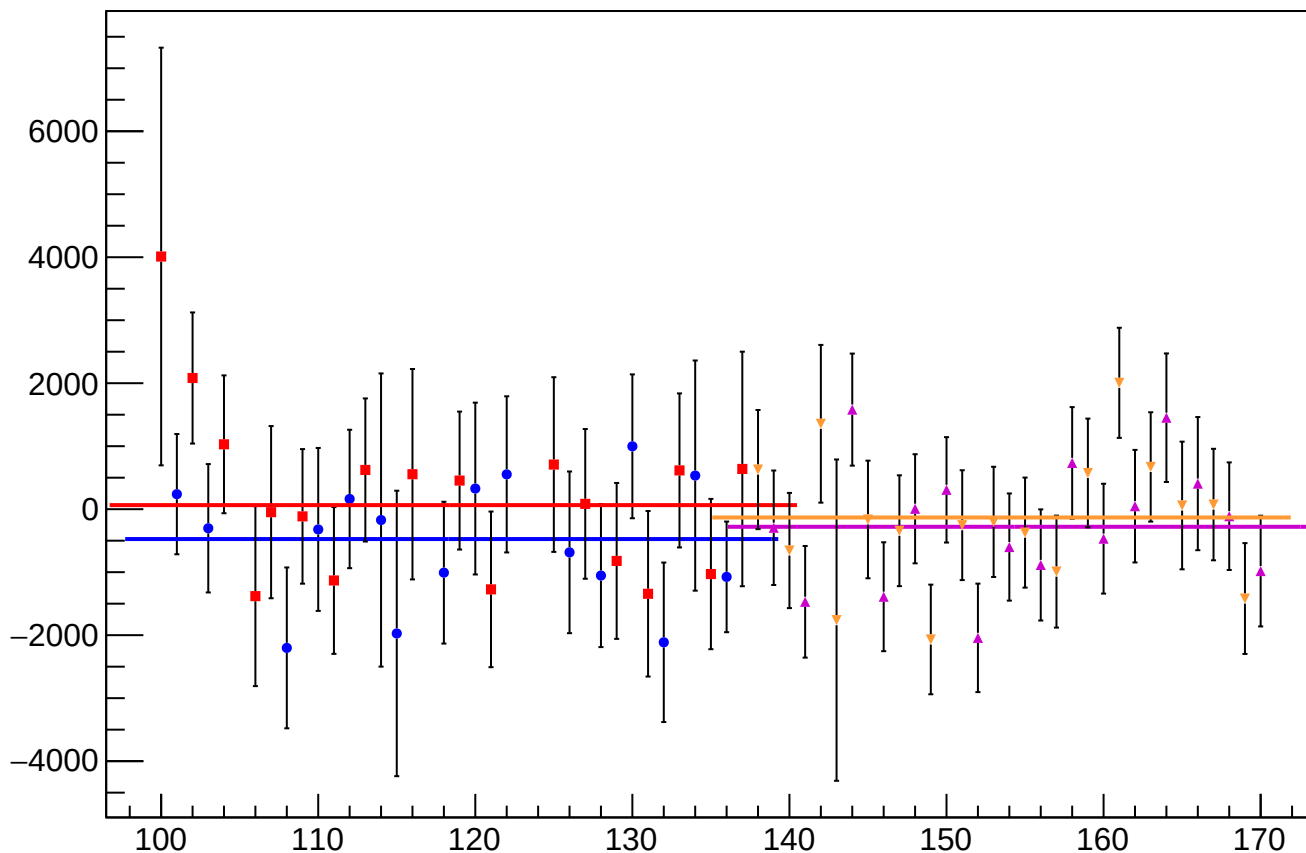
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1543.741+/-0.253 χ^2/NDF : 1043267.1/31

Out: 1580.573+/-0.255 χ^2/NDF : 1005821.8/34

All: 1561.984+/-0.179 χ^2/NDF : 2059620.1/66

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -131.527+/-225.966 χ^2/NDF : 18.6/16

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

Left In: -279.403+/-222.340 χ^2/NDF : 18.7/15

Left: -206.661+/-158.485 χ^2/NDF : 37.5/32

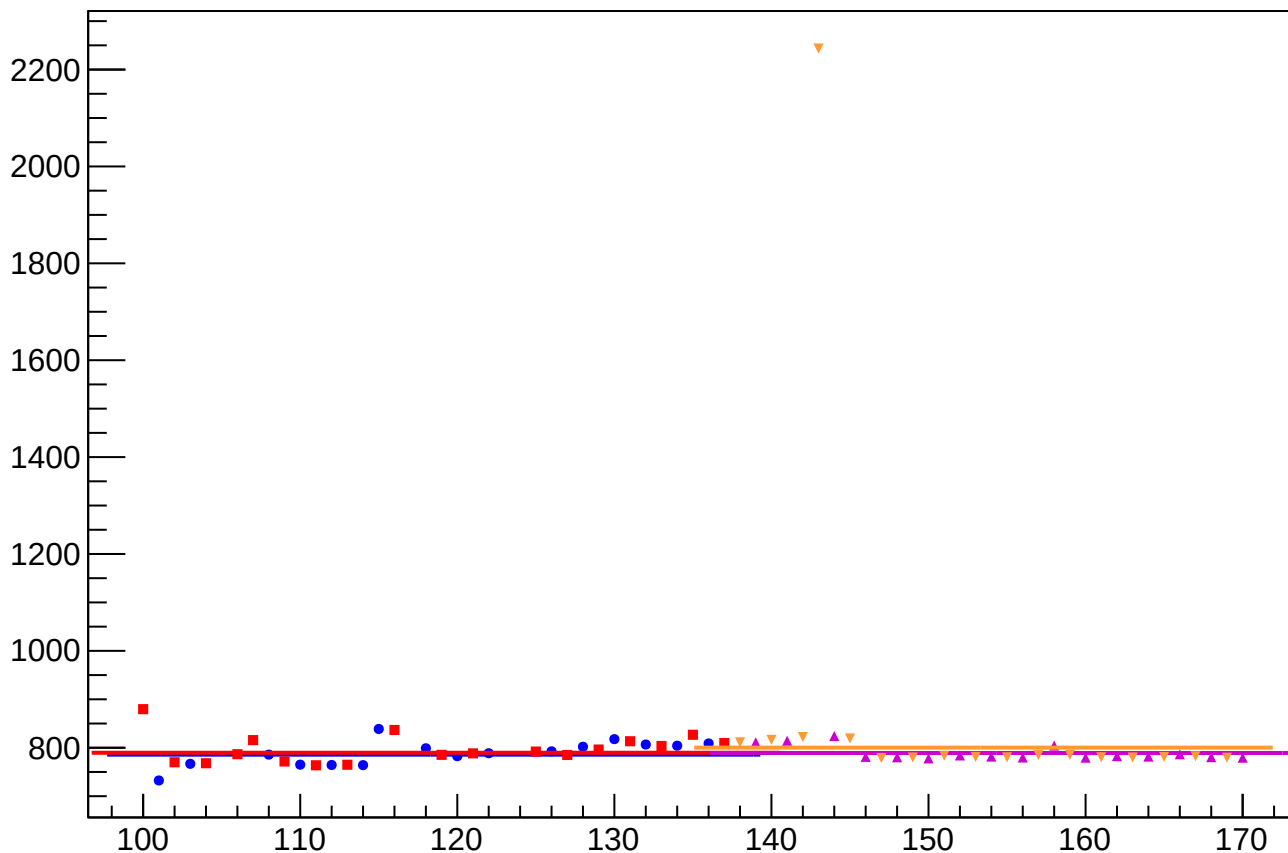
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

In: -347.292+/-179.445 χ^2/NDF : 27.9/31

Out: -60.016+/-180.142 χ^2/NDF : 31.6/34

All: -204.211+/-127.133 χ^2/NDF : 60.7/66

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 800.249 $\pm$ 0.160 χ^2 /NDF: 653609.7/16

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

Left In: 789.222 $\pm$ 0.157 χ^2 /NDF: 8580.8/15

Left: 794.646 $\pm$ 0.112 χ^2 /NDF: 664610.2/32

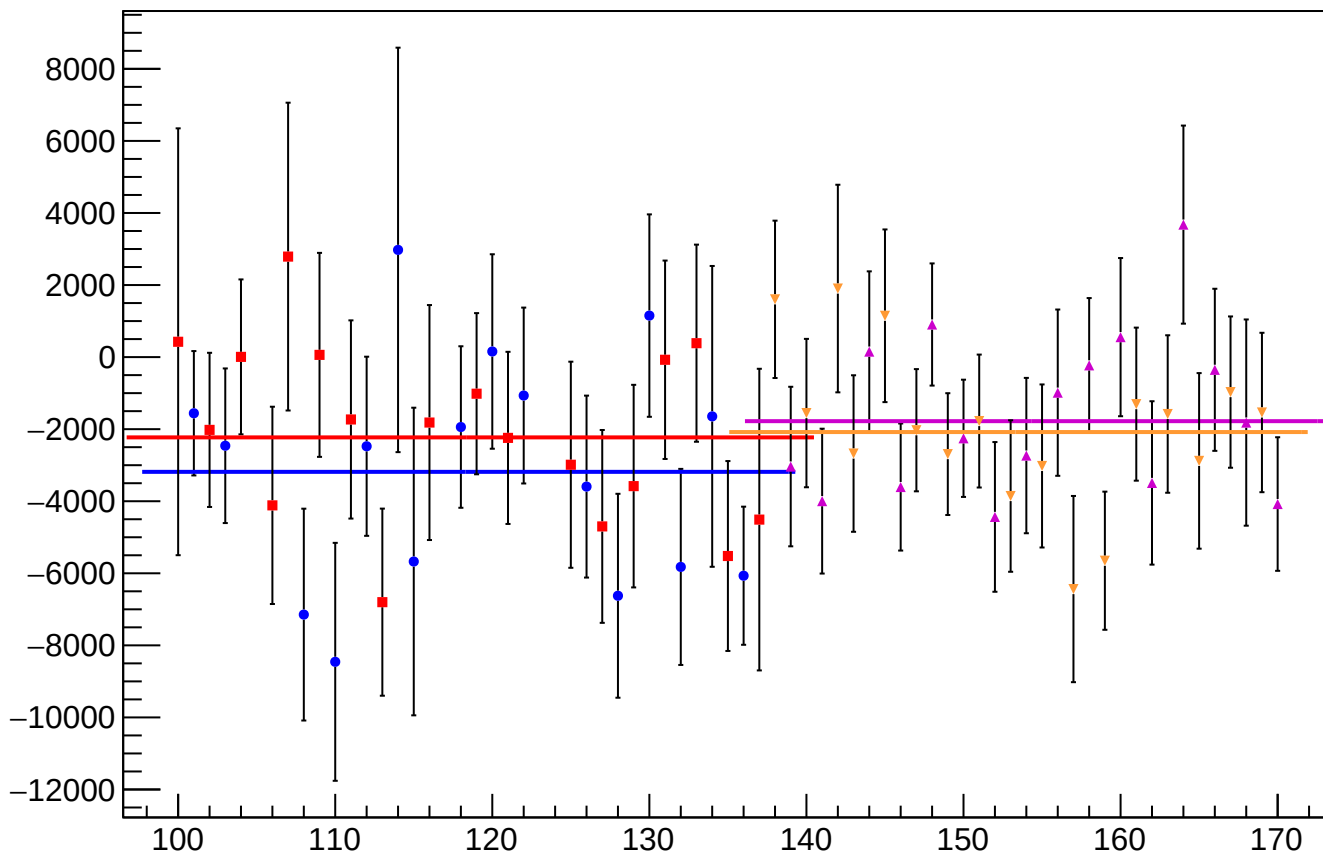
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 788.010 $\pm$ 0.127 χ^2 /NDF: 22672.7/31

Out: 796.395 $\pm$ 0.127 χ^2 /NDF: 666215.7/34

All: 792.186 $\pm$ 0.090 χ^2 /NDF: 691063.3/66

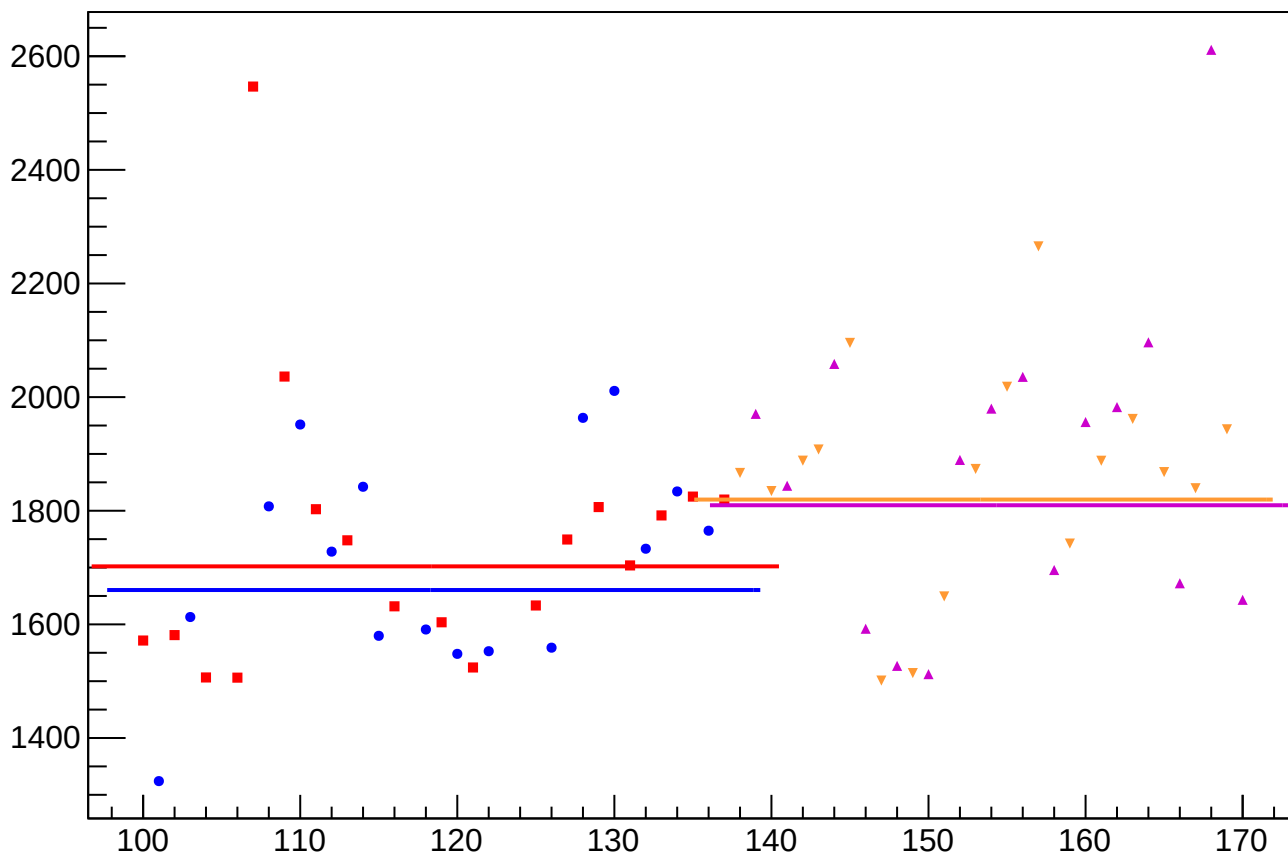
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2080.071 $\pm$ 511.783 χ^2 /NDF:14.7/16
 Right Out: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17
 Left In: -1777.871 $\pm$ 515.233 χ^2 /NDF:16.2/15

Left: -1929.986 $\pm$ 363.099 χ^2 /NDF: 31.1/32
 Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33
 In: -2323.370 $\pm$ 403.135 χ^2 /NDF:35.9/31
 Out: -2136.929 $\pm$ 401.639 χ^2 /NDF:26.5/34
 All: -2229.803 $\pm$ 284.529 χ^2 /NDF: 62.5/66

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1819.683+/-0.362 χ^2/NDF : 282076.9/16

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

Left In: 1809.677+/-0.364 χ^2/NDF : 453659.6/15

Left: 1814.714+/-0.257 χ^2/NDF : 736116.2/32

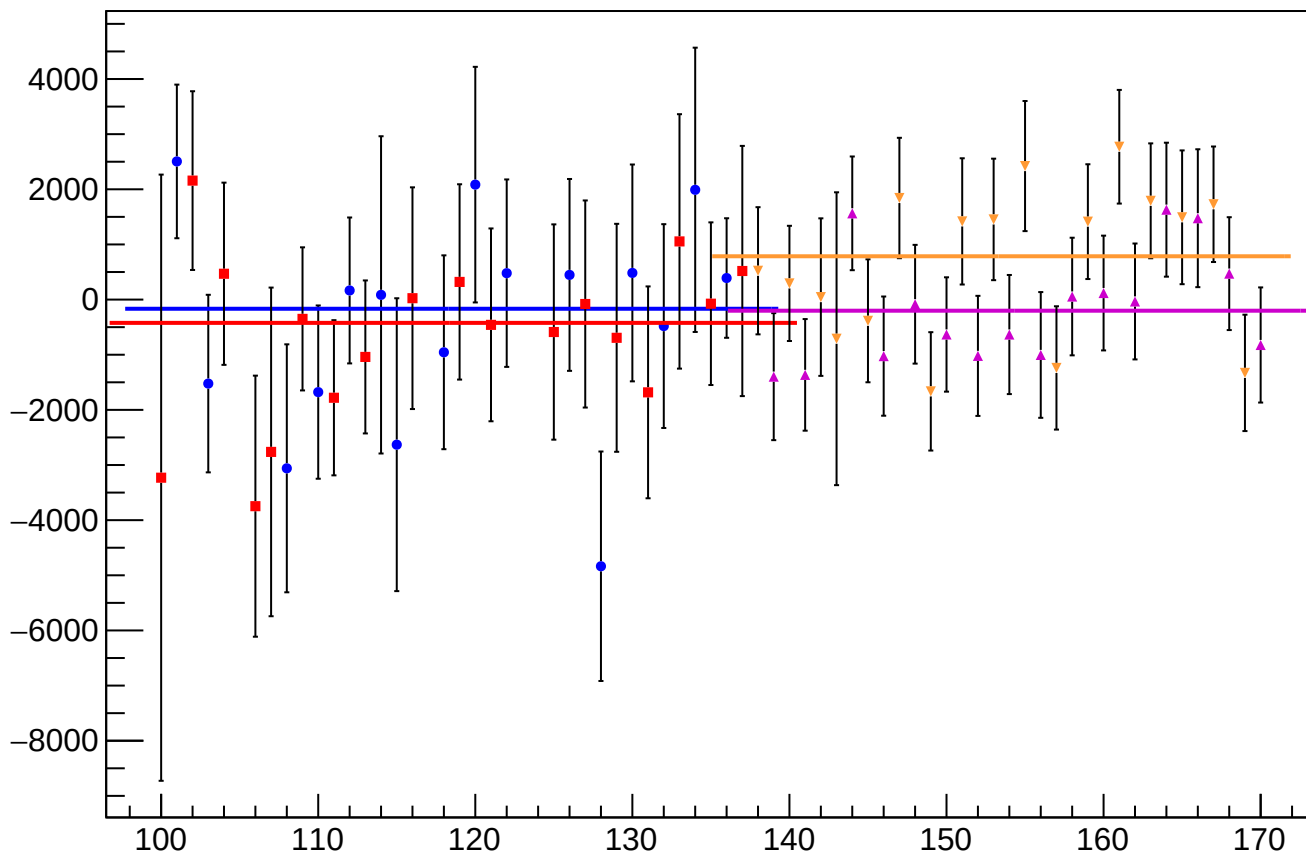
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1751.811+/-0.285 χ^2/NDF : 697917.2/31

Out: 1774.517+/-0.284 χ^2/NDF : 494638.2/34

All: 1763.206+/-0.201 χ^2/NDF : 1195739.5/66

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 785.482+/-275.310 χ^2/NDF : 24.2/16

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

Left In: -201.648+/-270.290 χ^2/NDF : 12.4/15

Left: 282.836+/-192.874 χ^2/NDF : 43.1/32

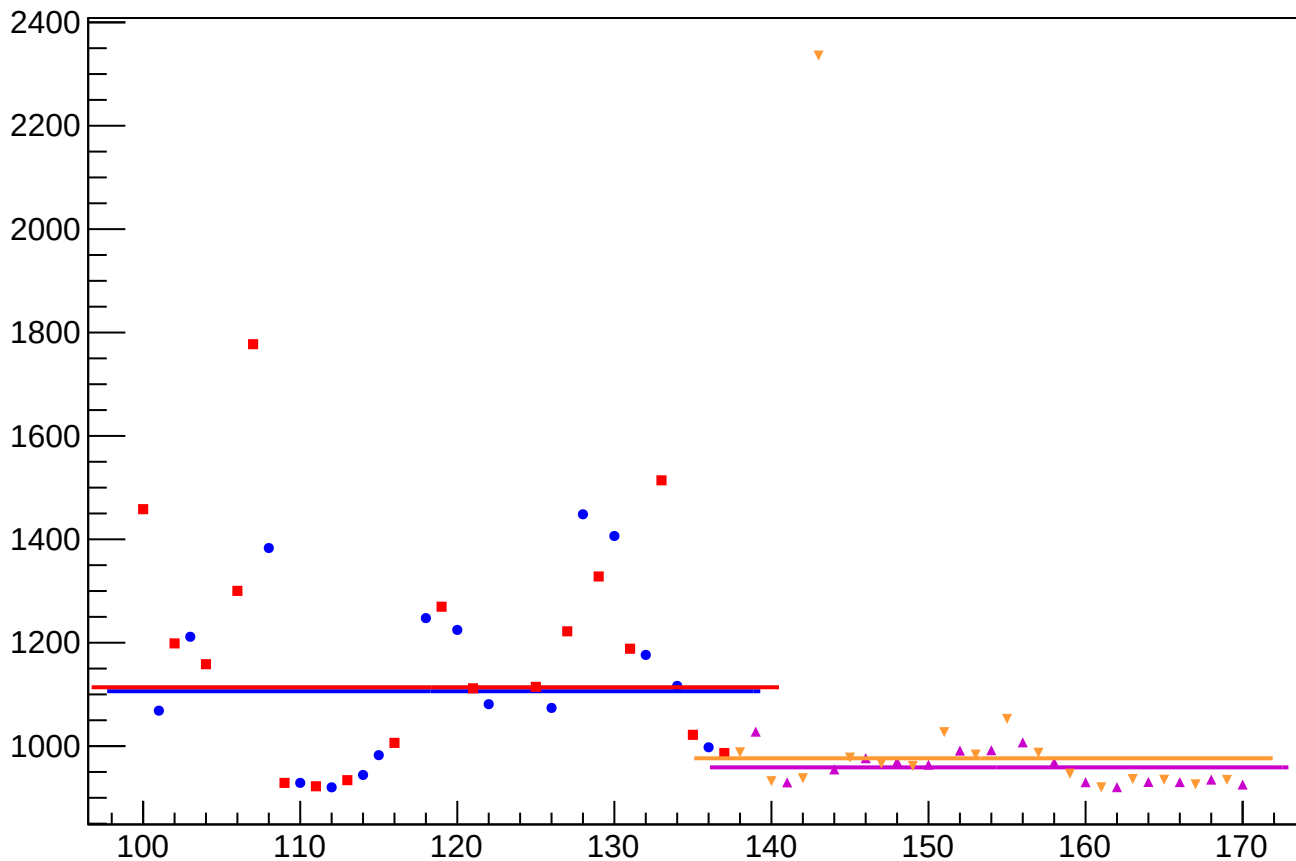
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -191.743+/-229.238 χ^2/NDF : 28.0/31

Out: 431.189+/-231.436 χ^2/NDF : 38.0/34

All: 116.751+/-162.867 χ^2/NDF : 69.6/66

asym_us_dd_rms vs Slug, Sign Corrected



Left: 967.502 ± 0.136 $\chi^2/\text{NDF}: 593614.1/32$

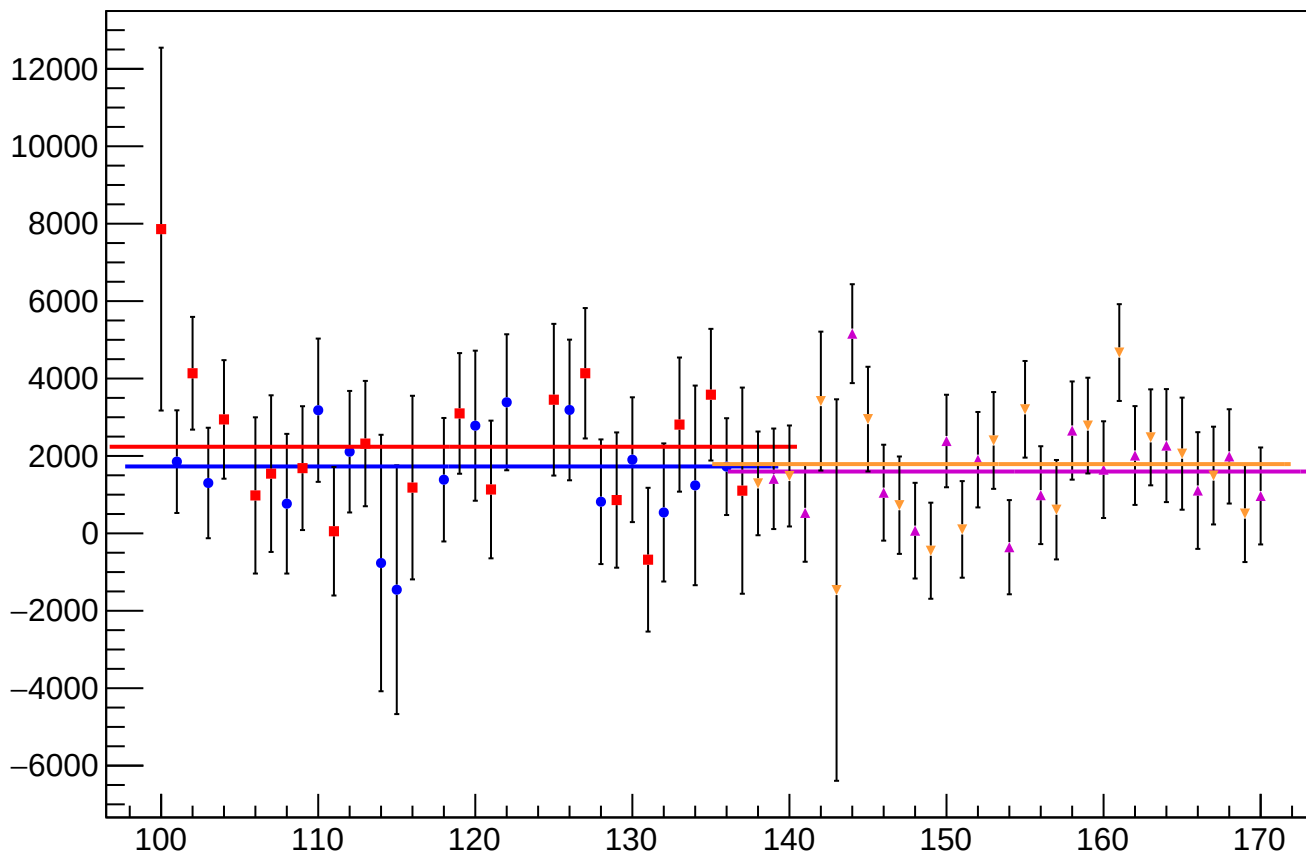
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 1000.223 ± 0.162 $\chi^2/\text{NDF}: 453062.8/31$

Out: 1016.740 ± 0.164 $\chi^2/\text{NDF}: 1073366.5/34$

All: 1008.403 ± 0.115 $\chi^2/\text{NDF}: 1531571.7/60$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1789.413 $\pm$ 323.770 χ^2/NDF : 17.7/16

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

Left In: 1597.457 $\pm$ 317.904 χ^2/NDF : 15.0/15

Left: 1691.680 $\pm$ 226.838 χ^2/NDF : 32.9/32

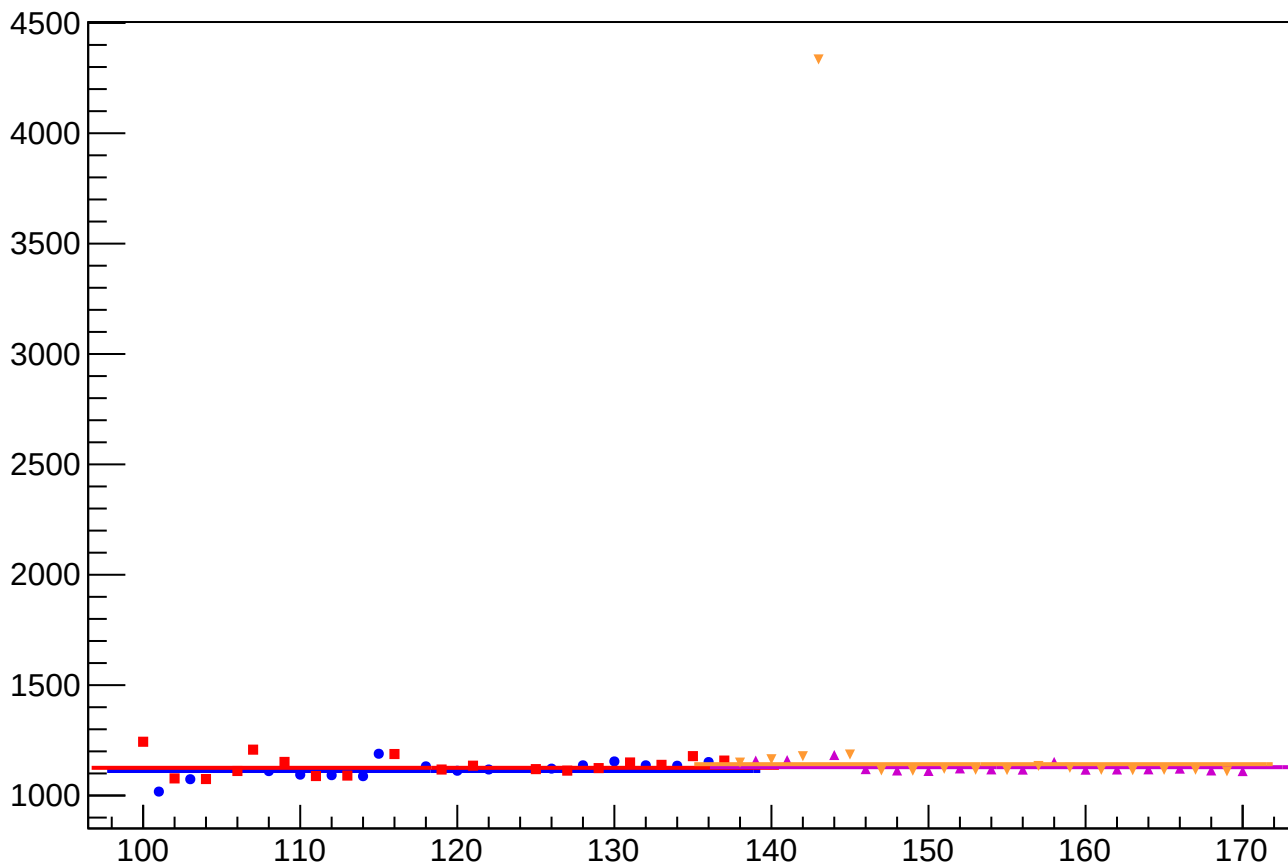
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1643.784 $\pm$ 255.588 χ^2/NDF : 20.4/31

Out: 1953.807 $\pm$ 257.650 χ^2/NDF : 30.7/34

All: 1797.550 $\pm$ 181.452 χ^2/NDF : 51.8/66

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1141.994 $\pm$ 0.229 χ^2 /NDF: 852454.9/16

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

Left In: 1128.374 $\pm$ 0.225 χ^2 /NDF: 9030.8/15

Left: 1135.060 $\pm$ 0.160 χ^2 /NDF: 863287.6/32

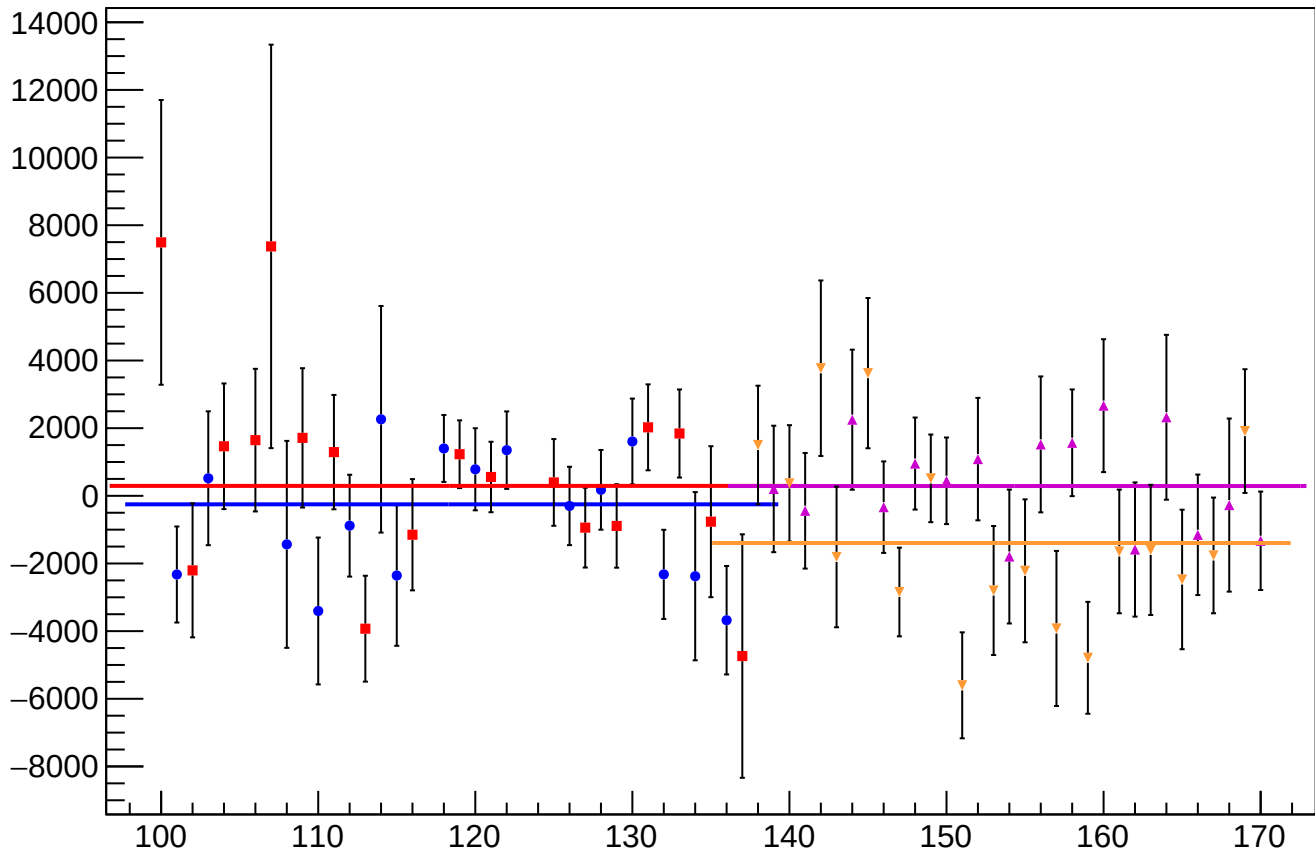
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1122.245 $\pm$ 0.181 χ^2 /NDF: 29224.1/31

Out: 1135.944 $\pm$ 0.182 χ^2 /NDF: 870240.4/34

All: 1129.039 $\pm$ 0.128 χ^2 /NDF: 902313.8/66

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: -1394.803+/-433.083 χ^2/NDF :33.3/16

Right Out: 293.658+/-362.490 χ^2/NDF : 24.0/17

Left In: 289.740+/-430.714 χ^2/NDF :8.9/15

Left: -547.911+/-305.395 χ^2/NDF : 49.7/32

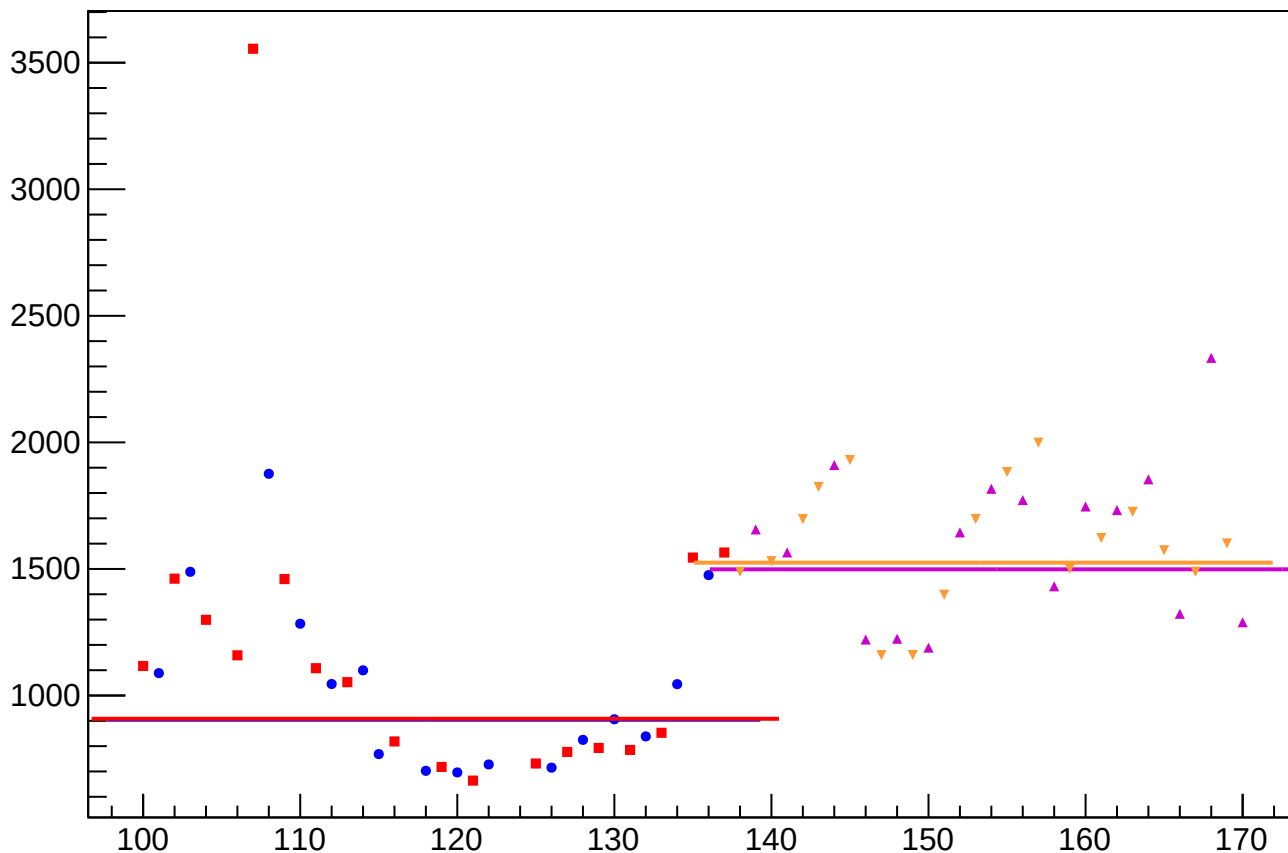
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -25.210+/-278.439 χ^2/NDF :31.6/31

Out: -401.920+/-277.971 χ^2/NDF :66.2/34

All: -213.882+/-196.720 χ^2/NDF : 98.7/66

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2 /NDF: 1021094.8/15

Left Out: 1524.857 $\pm$ 0.306 χ^2 /NDF: 637466.1/16

Right Out: 908.153 $\pm$ 0.256 χ^2 /NDF: 1381025.2/17

Left In: 1498.506 $\pm$ 0.305 χ^2 /NDF: 860396.7/15

Left: 1511.609 $\pm$ 0.216 χ^2 /NDF: 1501585.2/32

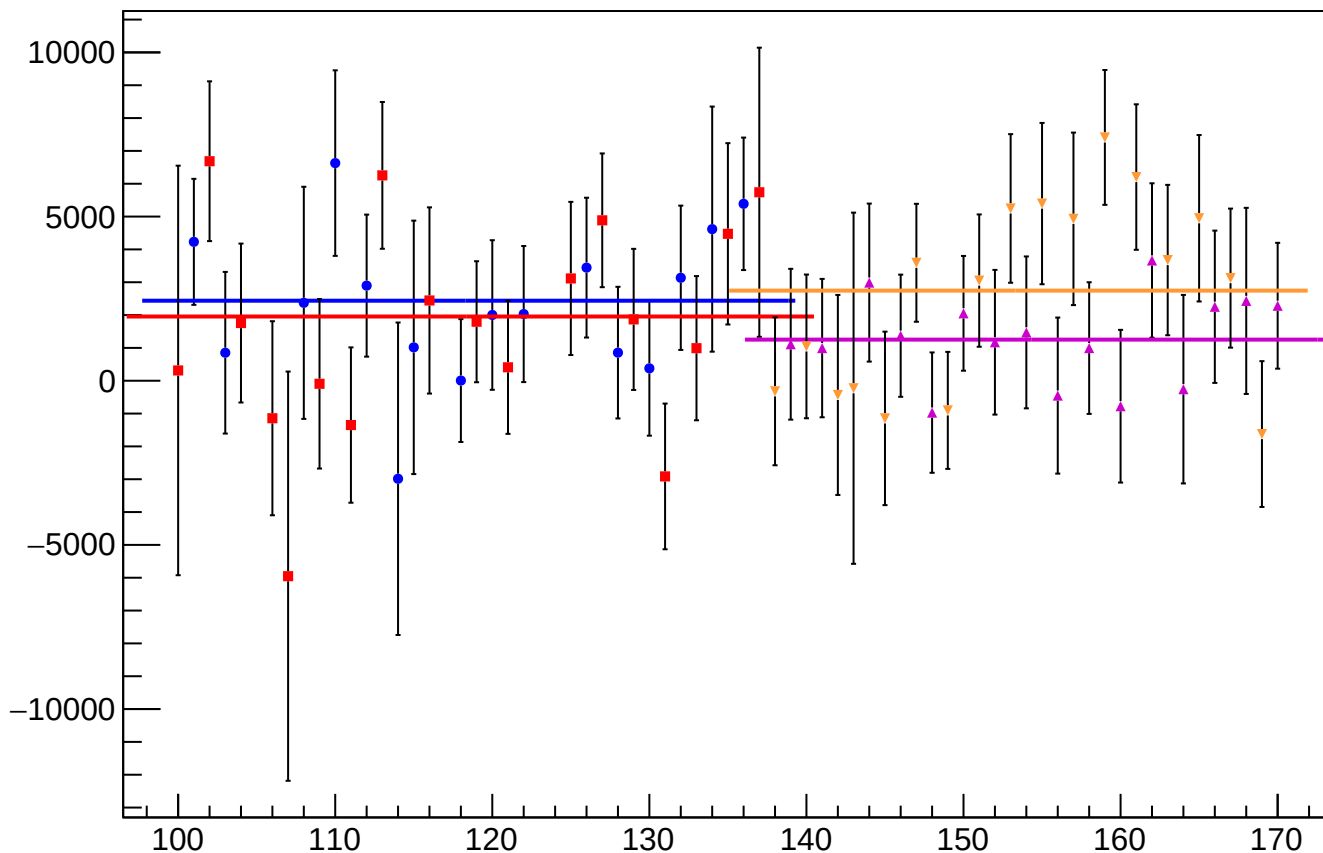
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

In: 1152.733 $\pm$ 0.197 χ^2 /NDF: 4095814.1/31

Out: 1162.210 $\pm$ 0.197 χ^2 /NDF: 4403261.7/34

All: 1157.480 $\pm$ 0.139 χ^2 /NDF: 8500236.2/66

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2745.084 $\pm$ 552.002 χ^2 /NDF:26.0/16

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

Left In: 1252.359 $\pm$ 543.122 χ^2 /NDF:5.5/15

Left: 1986.618 $\pm$ 387.146 χ^2 /NDF: 35.2/32

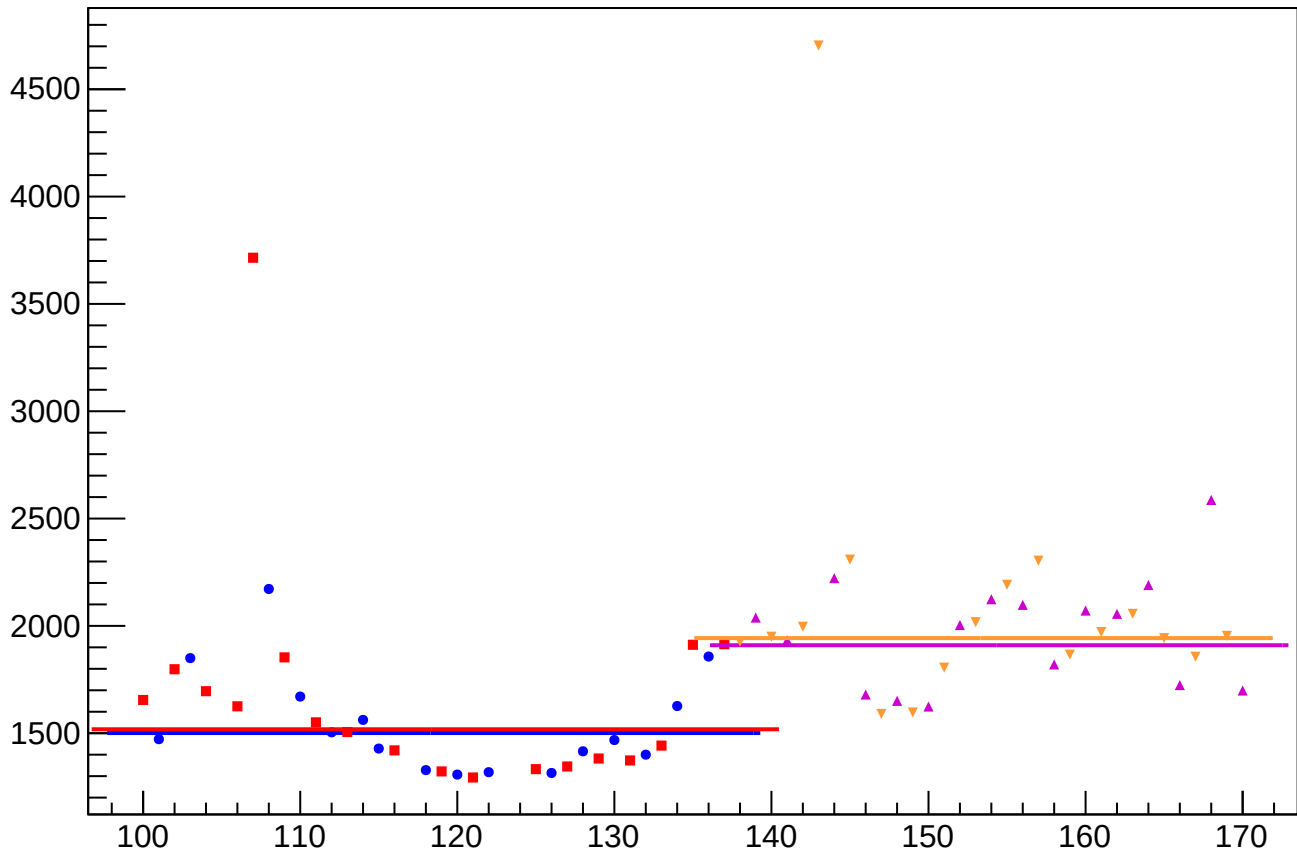
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1799.761 $\pm$ 398.415 χ^2 /NDF:18.9/31

Out: 2372.766 $\pm$ 401.187 χ^2 /NDF:49.3/34

All: 2084.277 $\pm$ 282.697 χ^2 /NDF: 69.2/66

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1943.038 ± 0.390 $\chi^2/\text{NDF}: 805990.1/16$

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

Left In: 1909.834 ± 0.384 $\chi^2/\text{NDF}: 389045.3/15$

Left: 1926.167 ± 0.274 $\chi^2/\text{NDF}: 1198712.1/32$

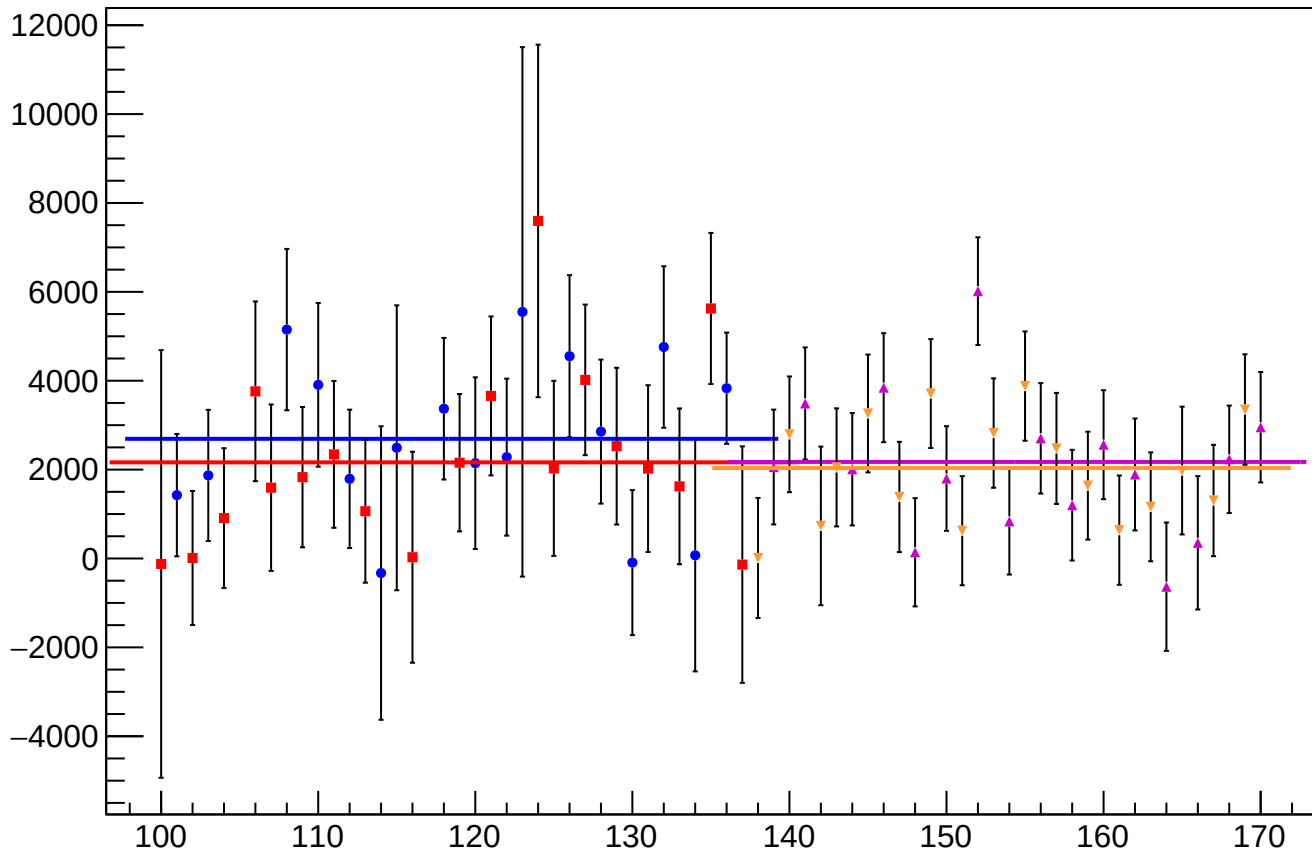
Right: 1509.610 ± 0.293 $\chi^2/\text{NDF}: 733133.5/33$

In: 1720.922 ± 0.282 $\chi^2/\text{NDF}: 1169145.5/31$

Out: 1742.667 ± 0.284 $\chi^2/\text{NDF}: 1840571.4/34$

All: 1731.719 ± 0.200 $\chi^2/\text{NDF}: 3012675.1/60$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2035.432 $\pm$ 311.544 χ^2/NDF : 13.6/16

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

Left In: 2172.929 $\pm$ 314.068 χ^2/NDF : 23.8/15

Left: 2103.626 $\pm$ 221.182 χ^2/NDF : 37.4/32

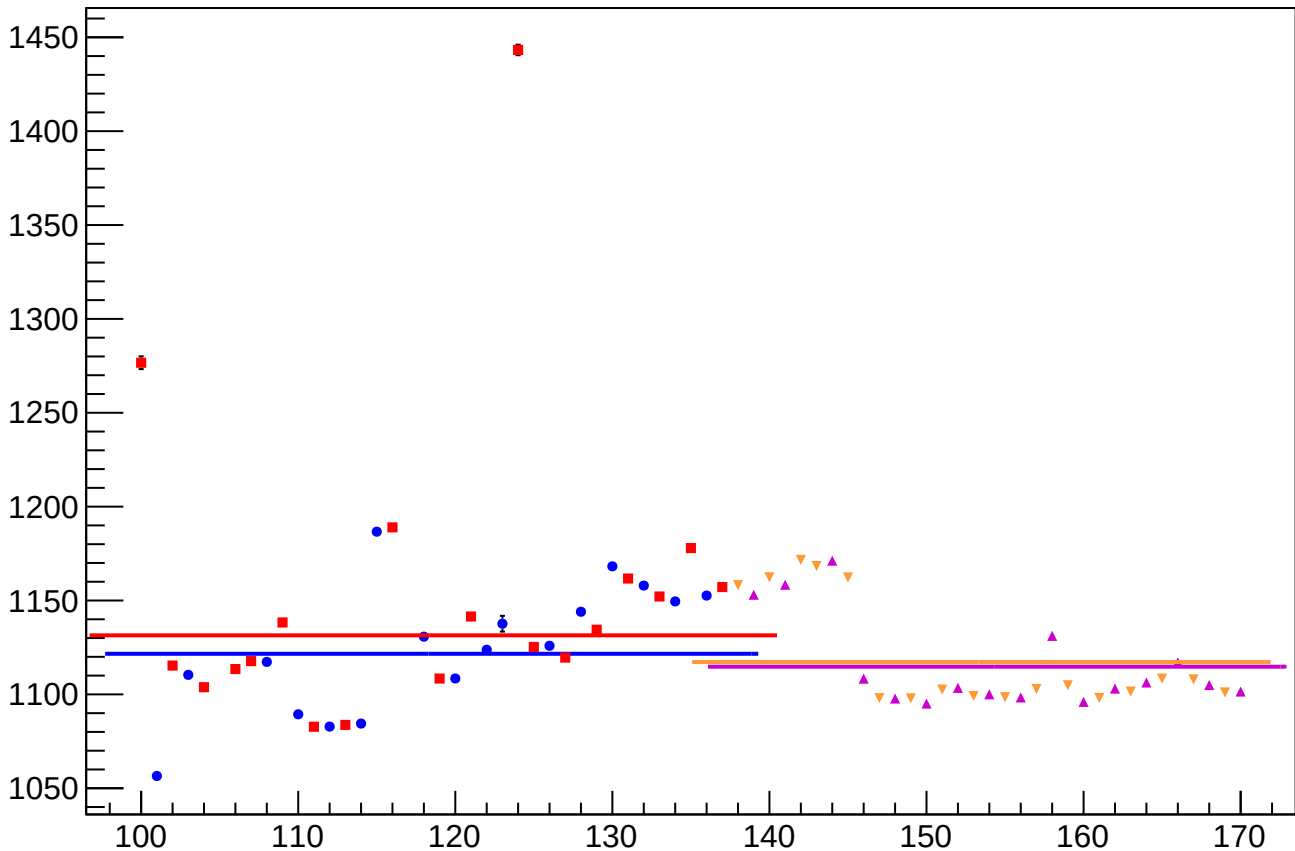
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2352.424 $\pm$ 254.155 χ^2/NDF : 36.9/32

Out: 2080.223 $\pm$ 251.016 χ^2/NDF : 27.4/35

All: 2214.632 $\pm$ 178.595 χ^2/NDF : 64.9/68

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1117.222 ± 0.220 $\chi^2/\text{NDF}: 15337.8/16$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1114.748 ± 0.222 $\chi^2/\text{NDF}: 11388.9/15$

Left: 1115.995 ± 0.156 $\chi^2/\text{NDF}: 26789.3/32$

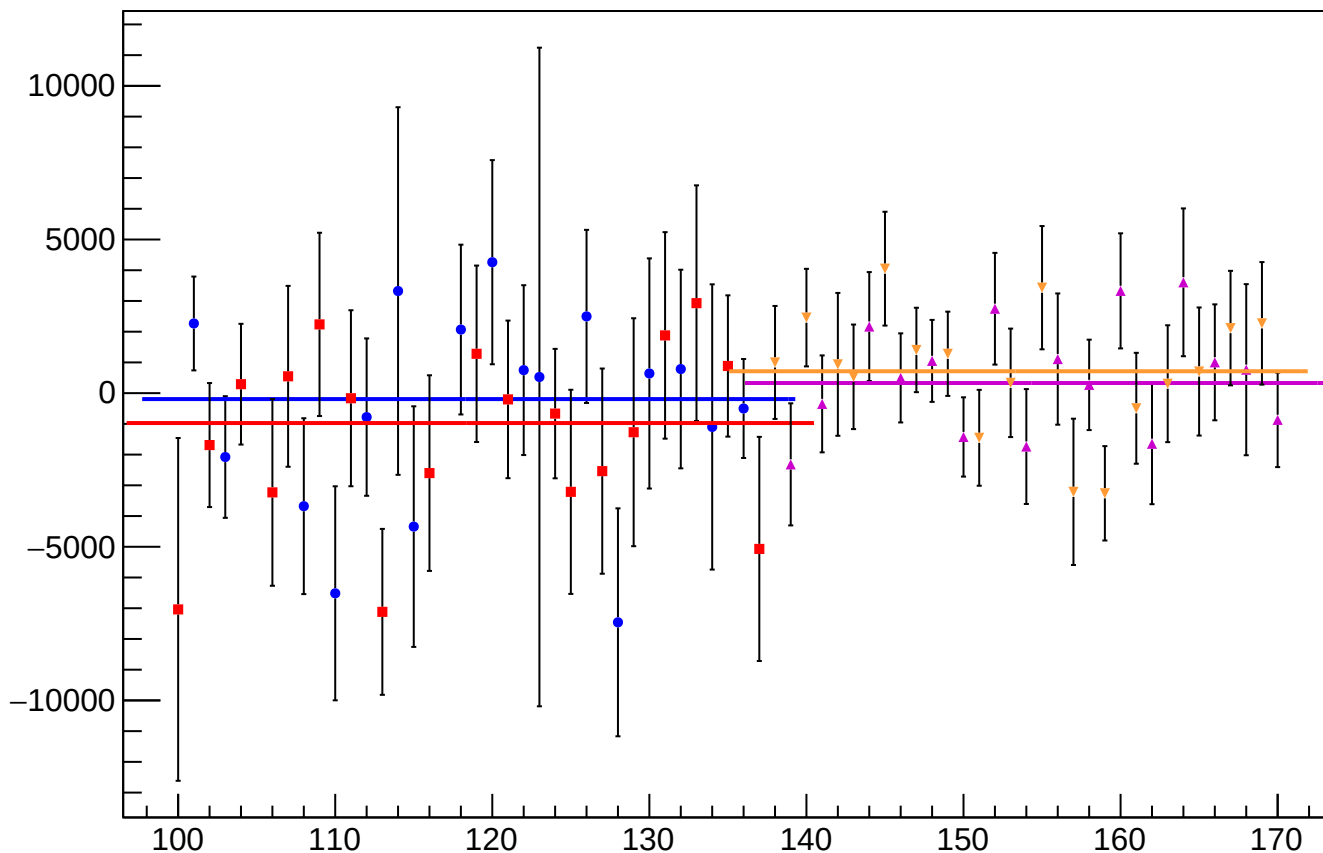
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1117.122 ± 0.180 $\chi^2/\text{NDF}: 23700.3/32$

Out: 1122.214 ± 0.177 $\chi^2/\text{NDF}: 39913.1/35$

All: 1119.700 ± 0.126 $\chi^2/\text{NDF}: 64019.8/68$

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 712.400+/-425.986 χ^2/NDF : 19.8/16

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

Left In: 329.921+/-429.085 χ^2/NDF : 14.5/15

Left: 522.546+/-302.307 χ^2/NDF : 34.7/32

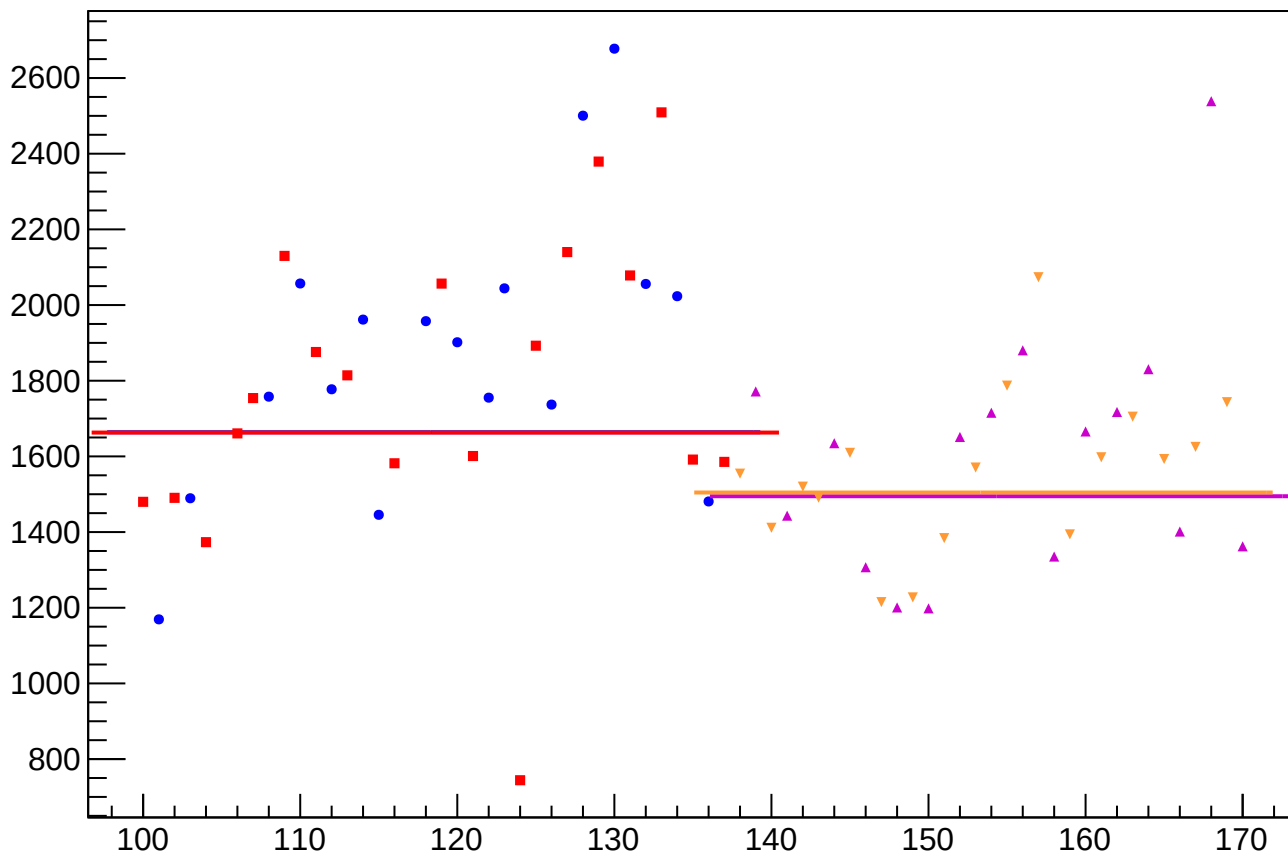
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 174.584+/-359.800 χ^2/NDF : 32.3/32

Out: 200.497+/-355.468 χ^2/NDF : 38.9/35

All: 187.697+/-252.871 χ^2/NDF : 71.2/68

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1504.559 $\pm$ 0.301 χ^2 /NDF: 432893.5/16

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

Left In: 1494.705 $\pm$ 0.303 χ^2 /NDF: 803336.3/15

Left: 1499.668 $\pm$ 0.214 χ^2 /NDF: 1236761.1/32

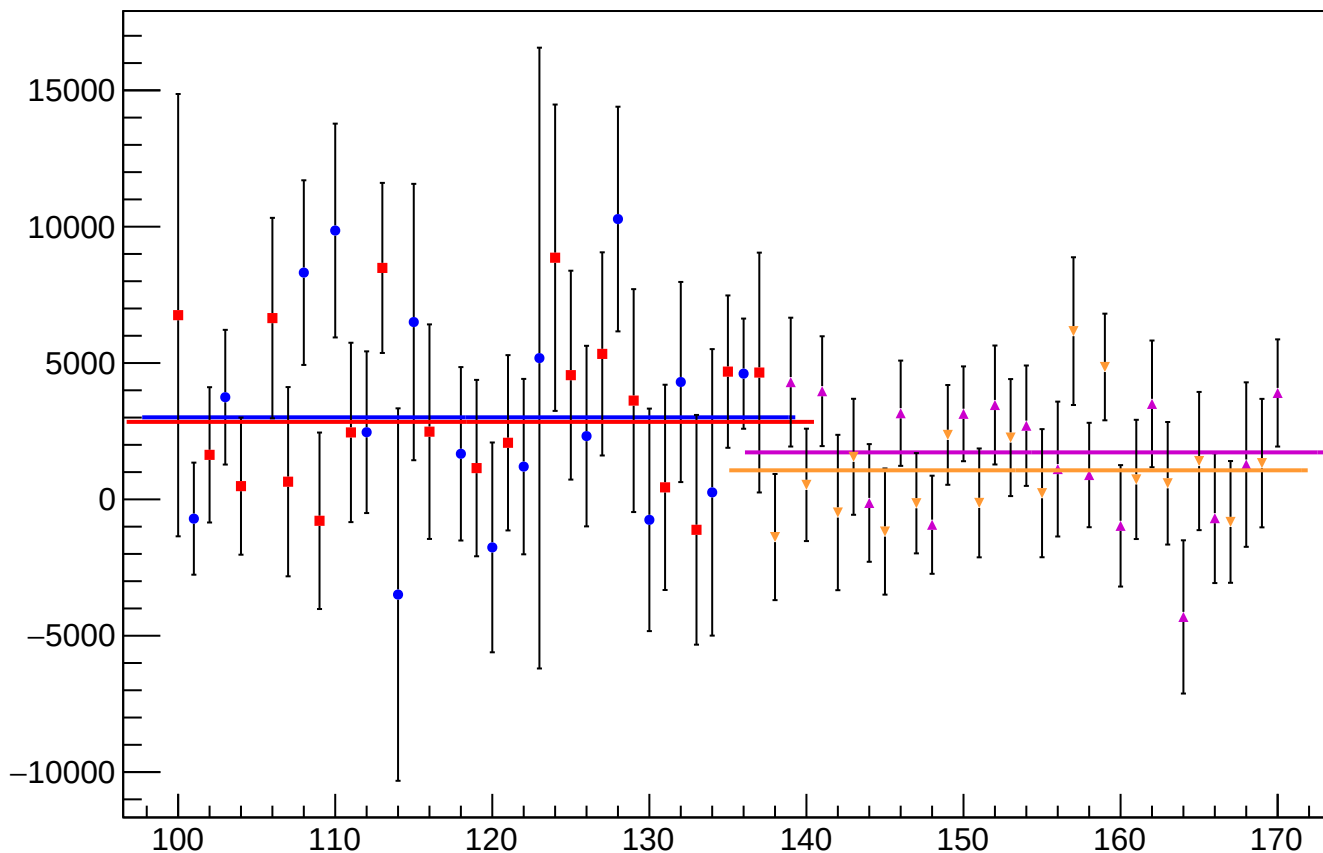
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1544.898 $\pm$ 0.254 χ^2 /NDF: 1517999.3/32

Out: 1552.670 $\pm$ 0.251 χ^2 /NDF: 1321873.2/35

All: 1548.831 $\pm$ 0.179 χ^2 /NDF: 2840344.8/68

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1065.724+/-531.565 χ^2/NDF : 12.3/16

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

Left In: 1723.848+/-537.646 χ^2/NDF : 16.6/15

Left: 1391.043+/-378.005 χ^2/NDF : 29.7/32

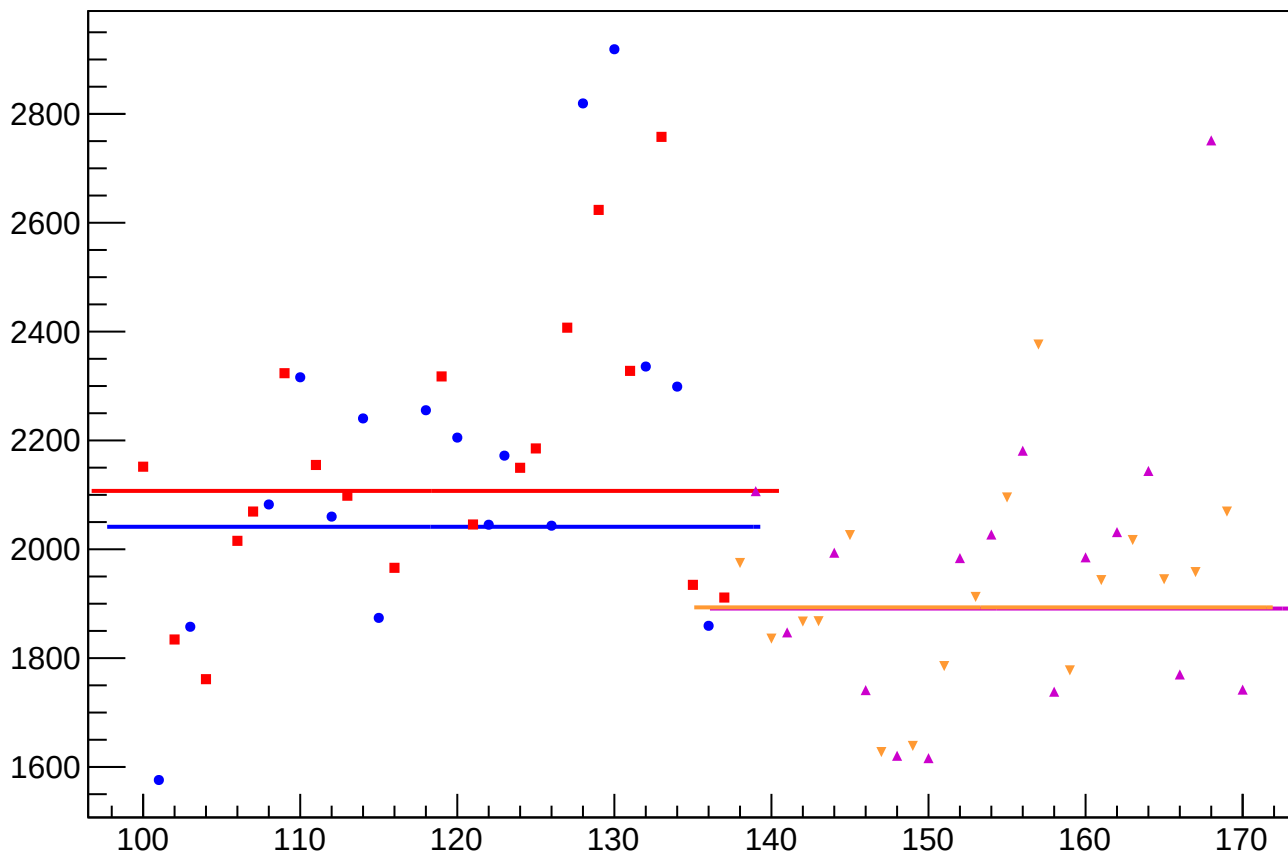
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2124.005+/-446.174 χ^2/NDF : 35.7/32

Out: 1613.810+/-442.012 χ^2/NDF : 27.2/35

All: 1866.517+/-314.011 χ^2/NDF : 63.6/68

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1893.263+/-0.376 χ^2/NDF : 203788.8/16

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

Left In: 1891.112+/-0.380 χ^2/NDF : 387326.0/15

Left: 1892.200+/-0.267 χ^2/NDF : 591131.1/32

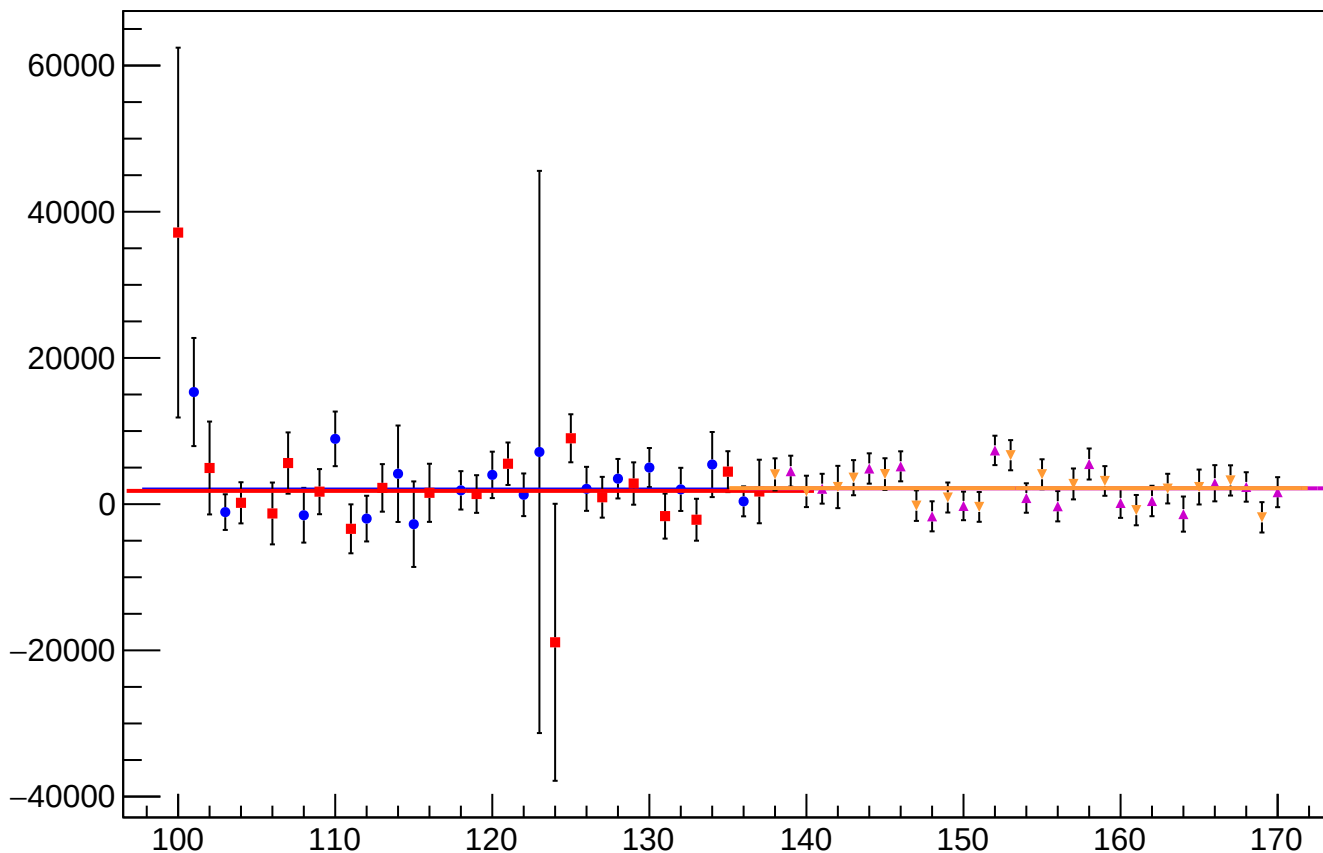
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1937.884+/-0.315 χ^2/NDF : 774381.2/32

Out: 1959.299+/-0.313 χ^2/NDF : 500602.2/35

All: 1948.692+/-0.222 χ^2/NDF : 1277308.6/68

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2/NDF : 14.8/16

Left Out: 2193.912 $\pm$ 520.235 χ^2/NDF : 17.2/16

Right Out: 1815.578 $\pm$ 781.463 χ^2/NDF : 18.2/18

Left In: 2162.010 $\pm$ 521.954 χ^2/NDF : 25.0/15

Left: 2178.014 $\pm$ 368.468 χ^2/NDF : 42.2/32

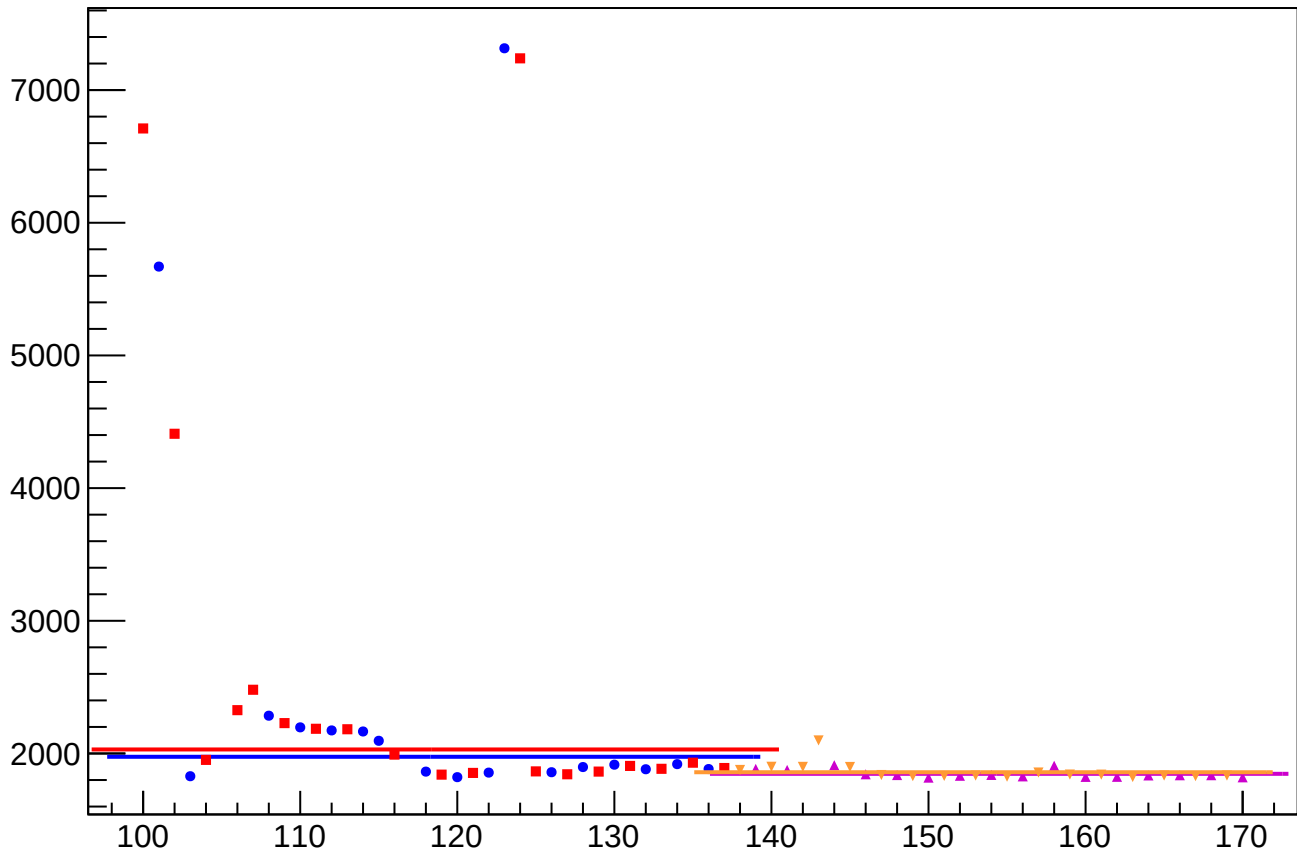
Right: 1907.721 $\pm$ 552.630 χ^2/NDF : 33.1/35

In: 2112.013 $\pm$ 434.066 χ^2/NDF : 39.8/32

Out: 2077.731 $\pm$ 433.051 χ^2/NDF : 35.6/35

All: 2094.832 $\pm$ 306.572 χ^2/NDF : 75.4/68

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1858.665+/-0.368 χ^2/NDF : 25532.3/16

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

Left In: 1846.729+/-0.369 χ^2/NDF : 6365.7/15

Left: 1852.717+/-0.261 χ^2/NDF : 32422.7/32

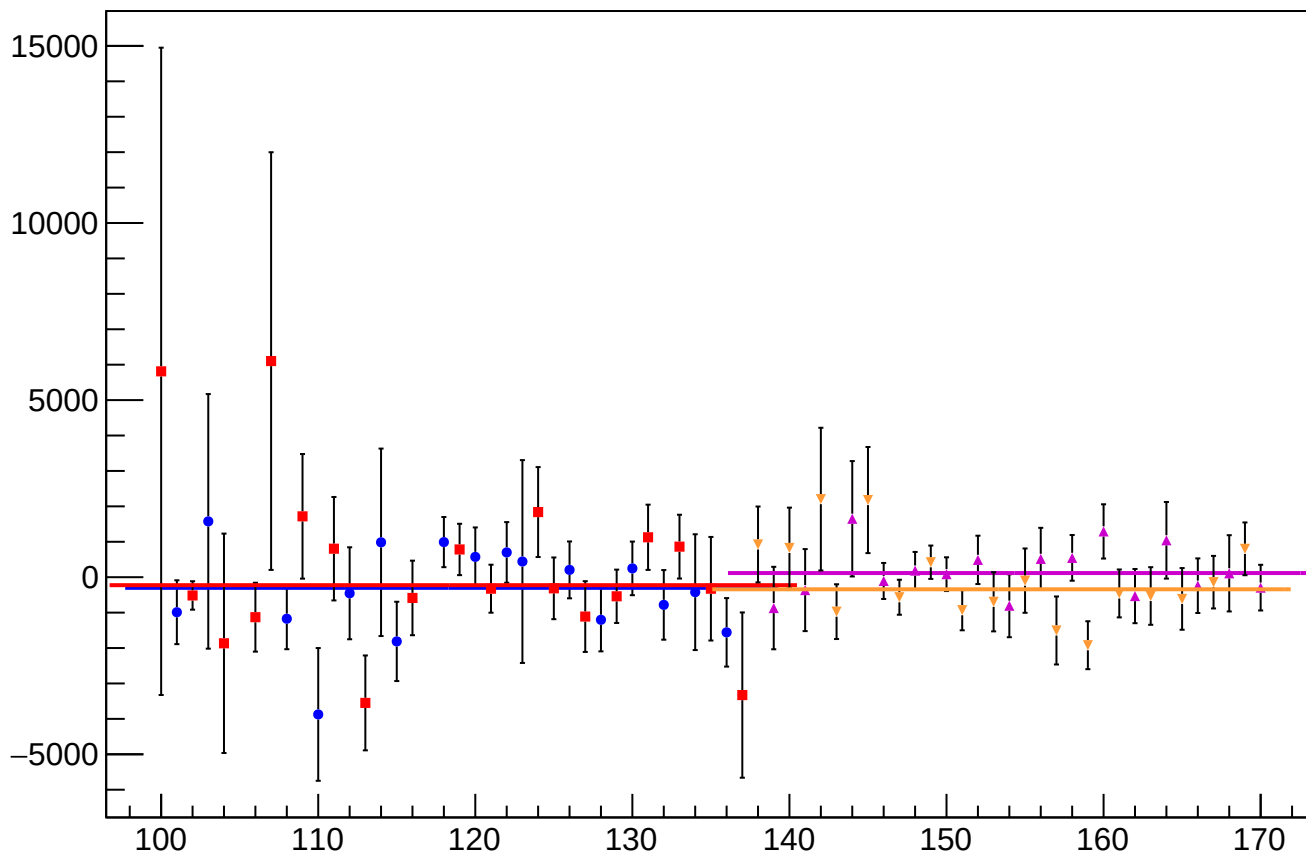
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1886.323+/-0.307 χ^2/NDF : 643513.2/32

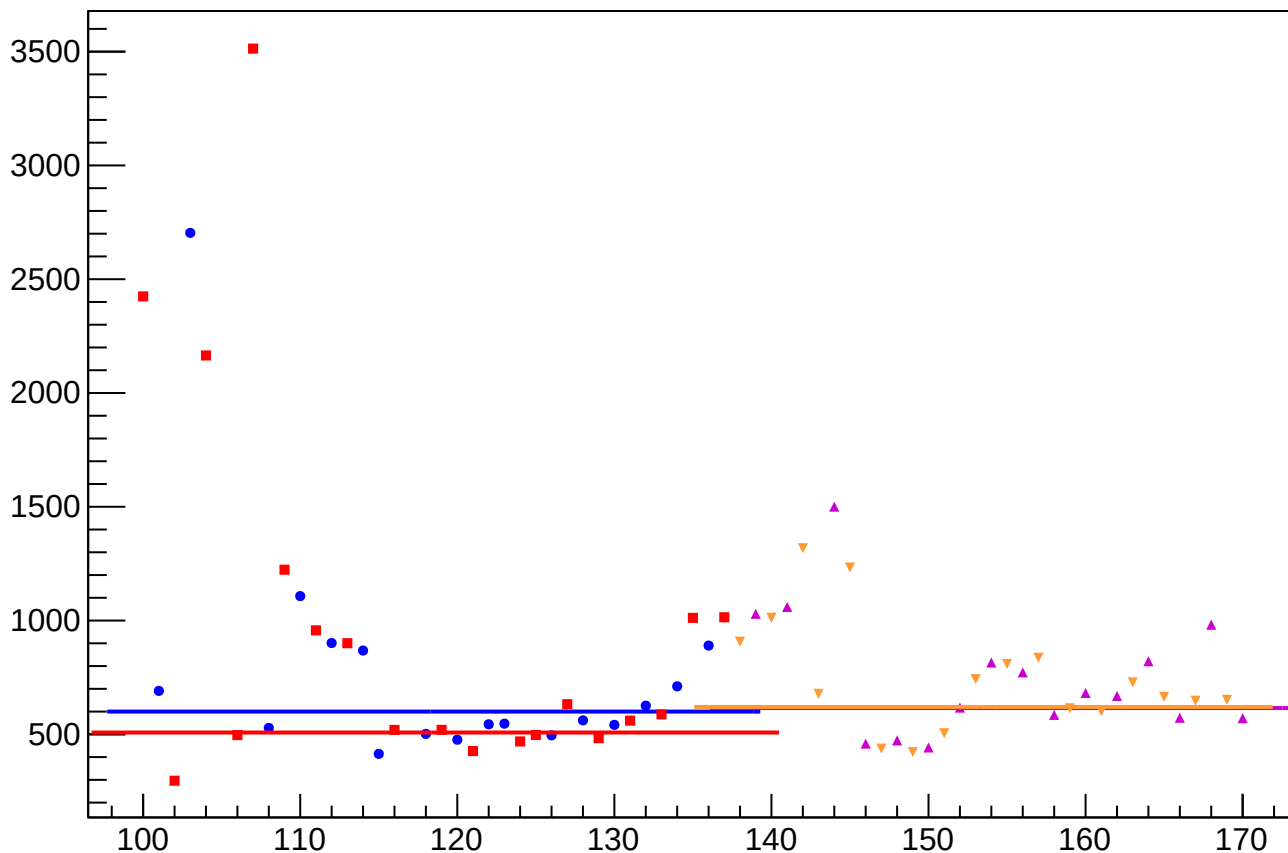
Out: 1911.385+/-0.306 χ^2/NDF : 696339.2/35

All: 1898.883+/-0.217 χ^2/NDF : 1343194.0/68

asym_at1_avg_correction_mean vs Slug, Sign Corrected



asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.302 $\pm$ 0.128 χ^2 /NDF:1959048.9/16

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

Left In: 615.452 $\pm$ 0.129 χ^2 /NDF:2251233.4/15

Left: 617.886 $\pm$ 0.091 χ^2 /NDF: 4210992.1/32

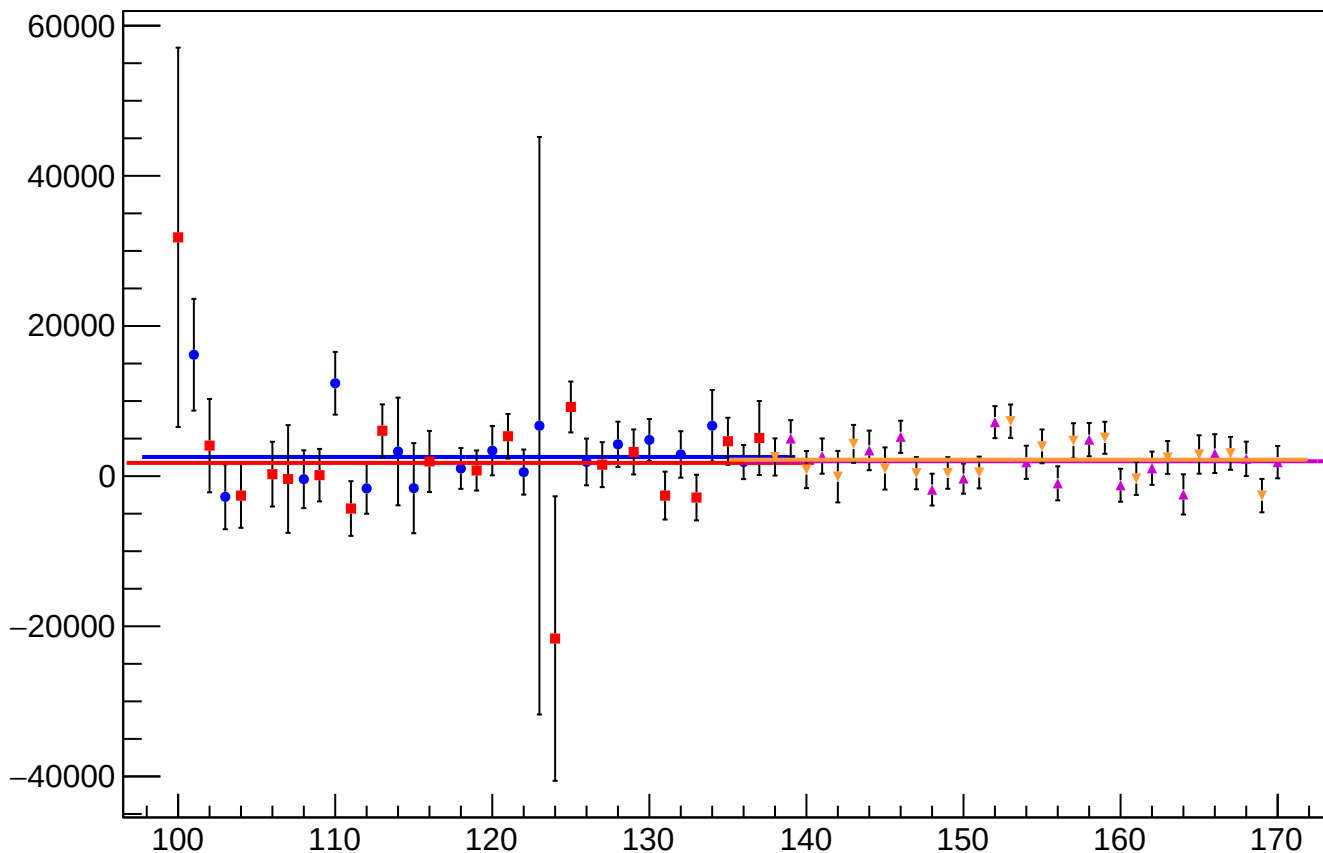
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 609.974 $\pm$ 0.104 χ^2 /NDF:3637390.0/32

Out: 573.624 $\pm$ 0.098 χ^2 /NDF:5125569.1/35

All: 590.822 $\pm$ 0.071 χ^2 /NDF: 8827724.4/68

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2191.534 $\pm$ 563.981 χ^2/NDF : 18.8/16

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

Left In: 1978.395 $\pm$ 567.073 χ^2/NDF : 23.3/15

Left: 2085.547 $\pm$ 399.884 χ^2/NDF : 42.2/32

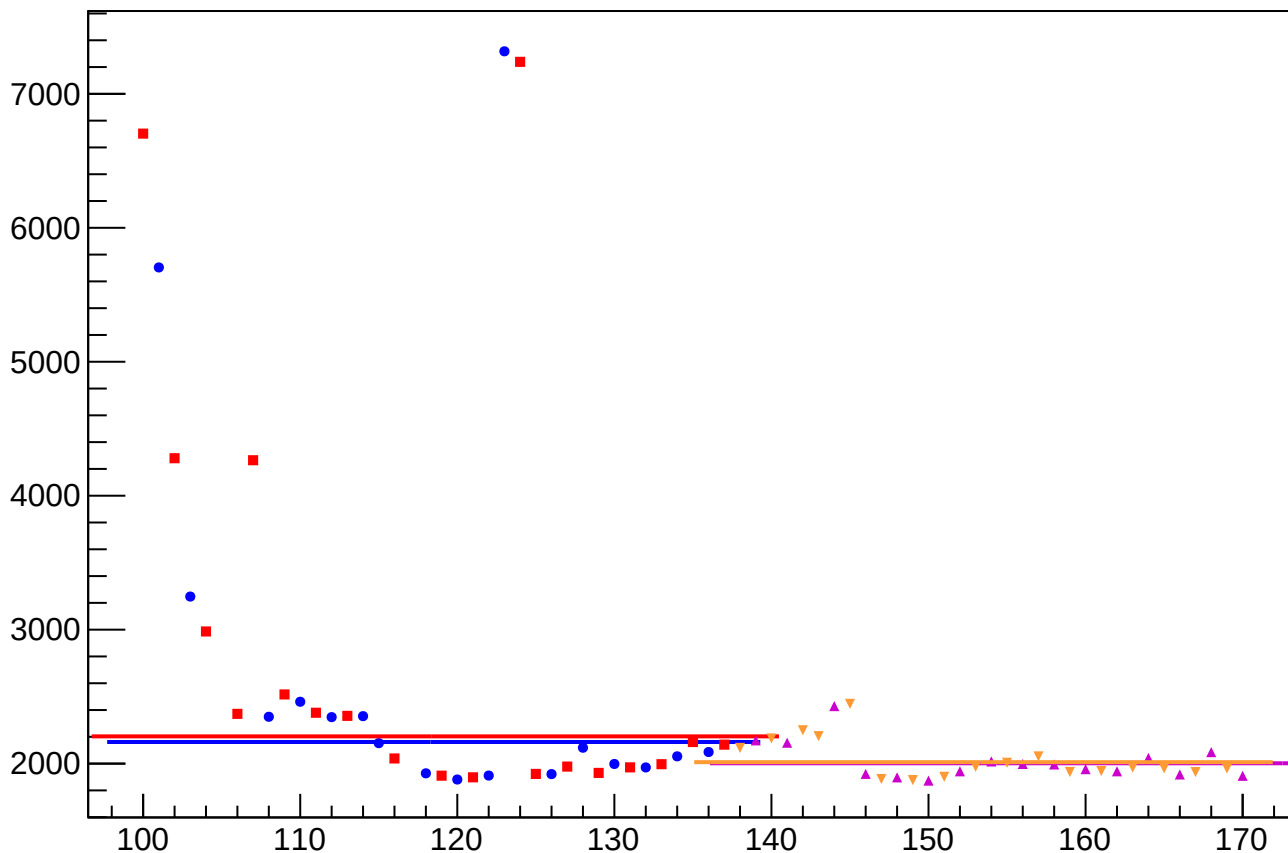
Right: 2155.591 $\pm$ 605.836 χ^2/NDF : 37.1/35

In: 2153.010 $\pm$ 473.235 χ^2/NDF : 39.3/32

Out: 2061.083 $\pm$ 470.730 χ^2/NDF : 39.9/35

All: 2106.803 $\pm$ 333.738 χ^2/NDF : 79.3/68

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2010.787 $\pm$ 0.399 χ^2 /NDF:113832.3/16

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

Left In: 2002.479 $\pm$ 0.401 χ^2 /NDF:99550.0/15

Left: 2006.656 $\pm$ 0.283 χ^2 /NDF: 213598.1/32

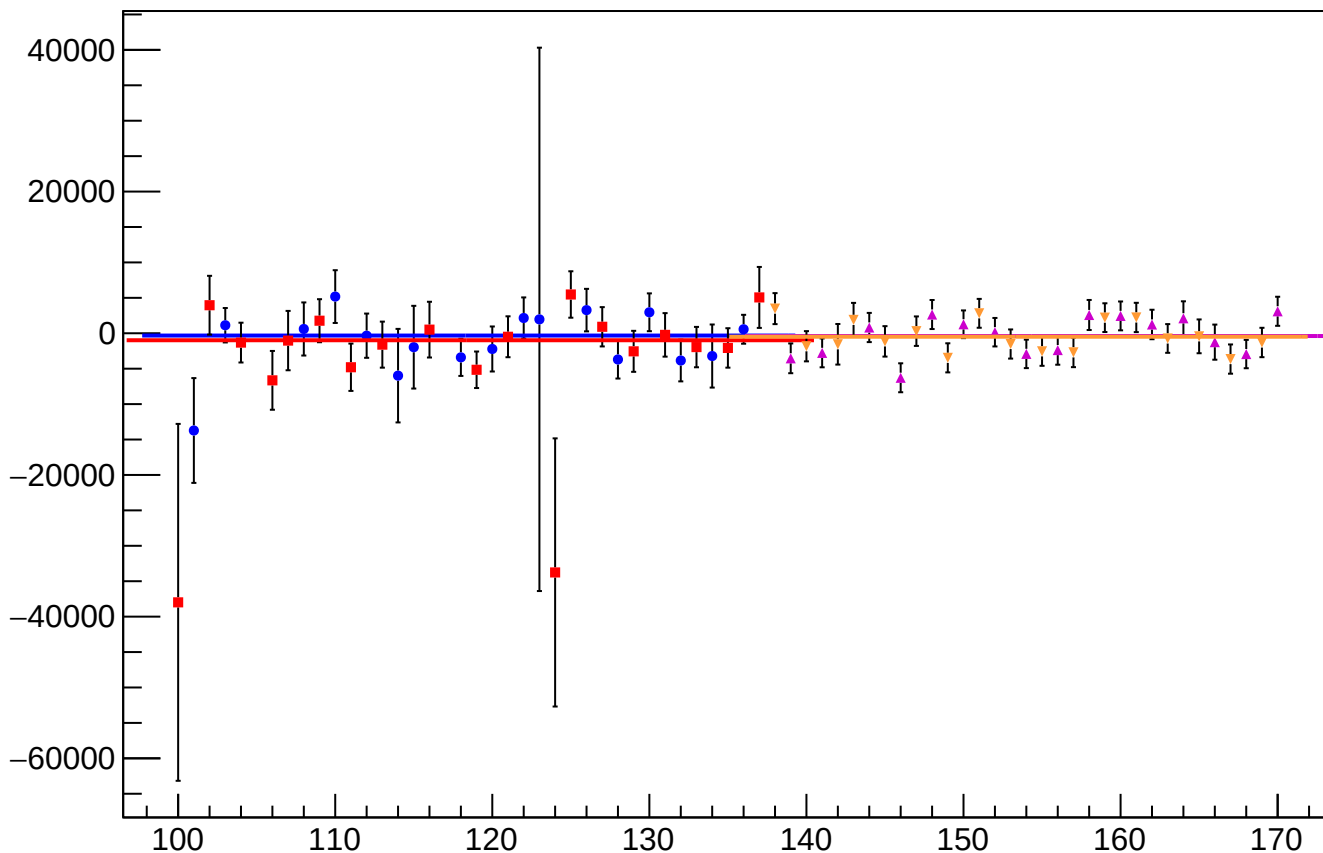
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2050.728 $\pm$ 0.335 χ^2 /NDF:858499.1/32

Out: 2069.199 $\pm$ 0.333 χ^2 /NDF:981948.3/35

All: 2060.013 $\pm$ 0.236 χ^2 /NDF: 1841978.9/68

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -485.335 ± 518.686 χ^2/NDF : 18.1/16

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

Left In: -390.393 ± 520.650 χ^2/NDF : 28.0/15

Left: -438.044 ± 367.459 χ^2/NDF : 46.1/32

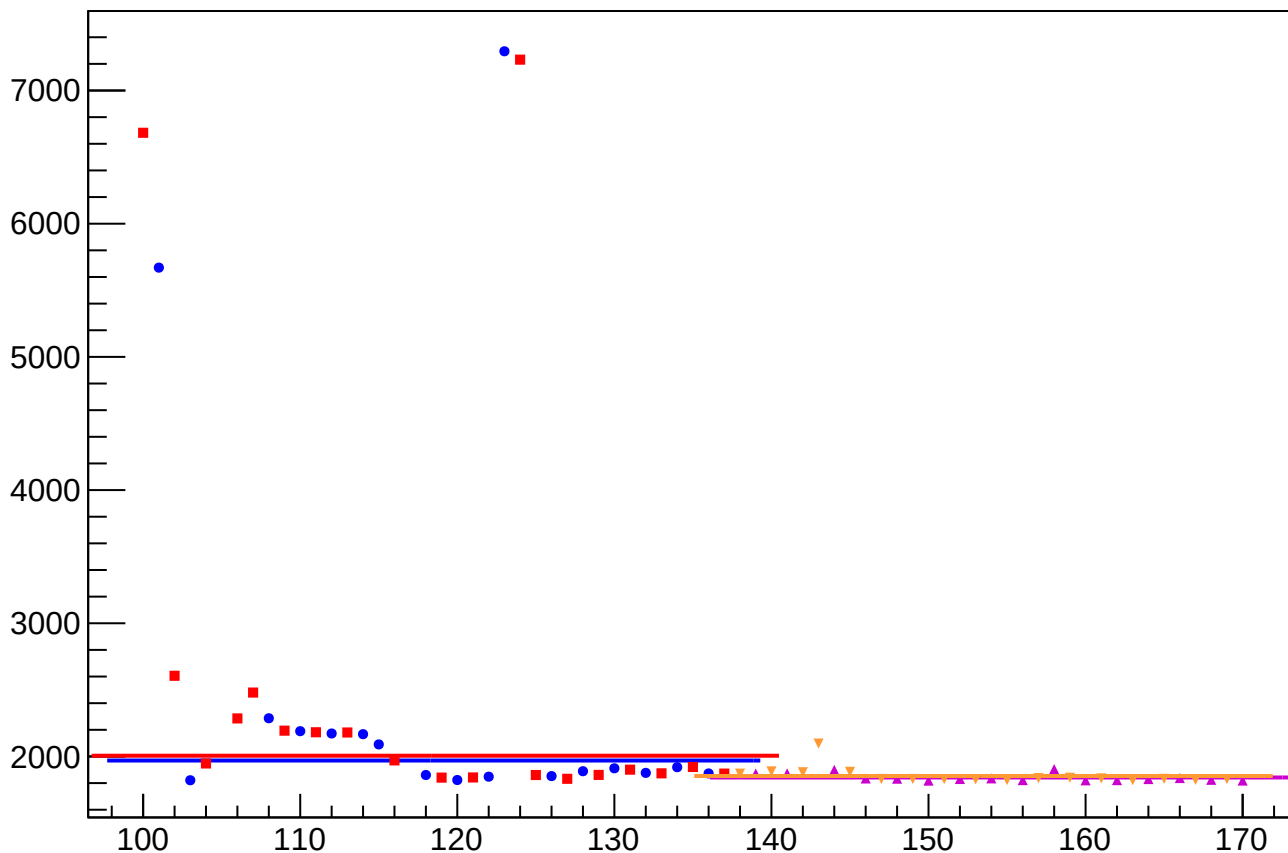
Right: -658.915 ± 547.776 χ^2/NDF : 36.4/35

In: -369.831 ± 432.956 χ^2/NDF : 43.7/32

Out: -641.597 ± 430.174 χ^2/NDF : 38.8/35

All: -506.590 ± 305.158 χ^2/NDF : 82.7/68

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1853.210+/-0.367 χ^2/NDF : 24959.4/16

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

Left In: 1842.170+/-0.368 χ^2/NDF : 5598.9/15

Left: 1847.711+/-0.260 χ^2/NDF : 31009.6/32

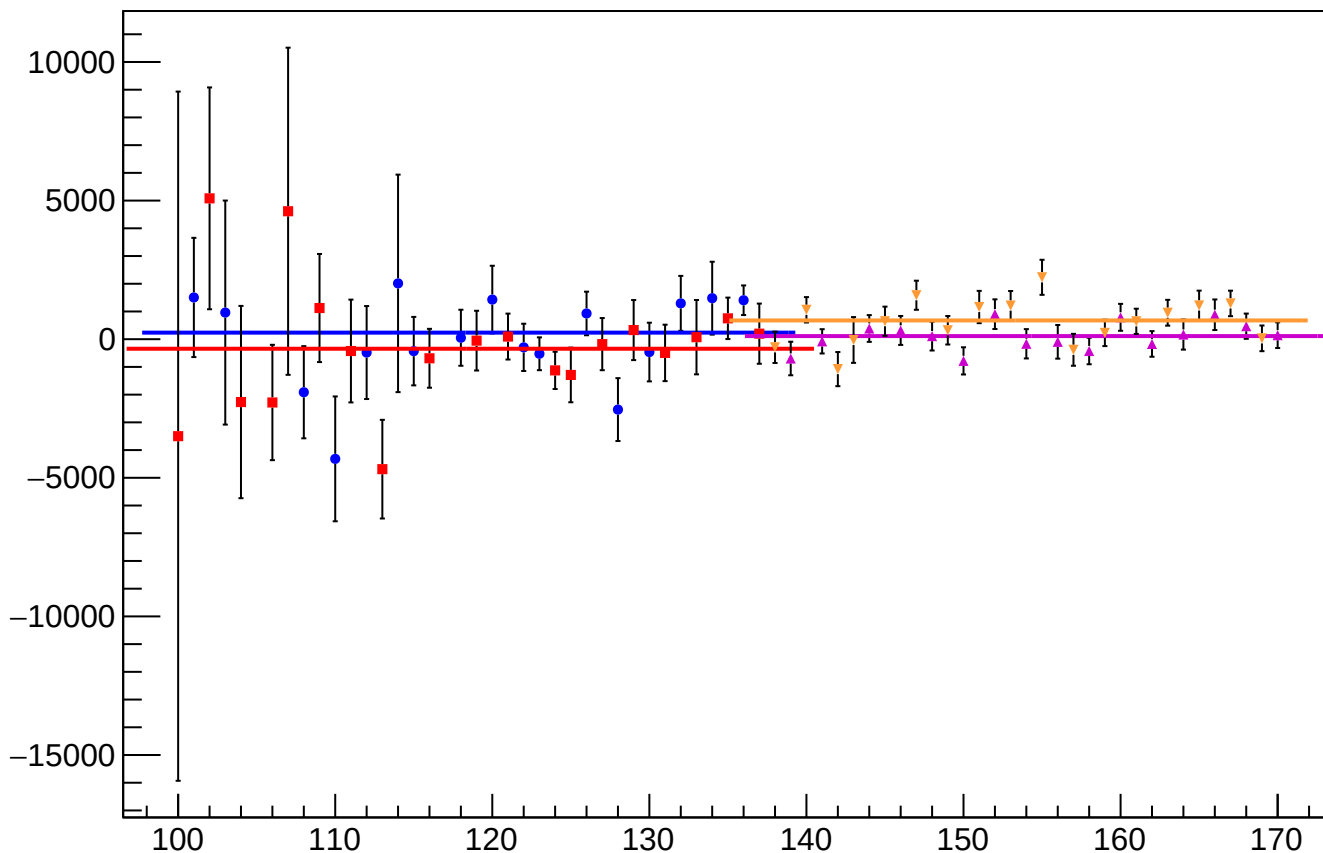
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1881.449+/-0.306 χ^2/NDF : 645307.8/32

Out: 1900.767+/-0.304 χ^2/NDF : 438462.4/35

All: 1891.170+/-0.216 χ^2/NDF : 1085773.8/68

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 676.648 $\pm$ 127.129 χ^2 /NDF:33.2/16

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

Left In: 112.309 $\pm$ 125.991 χ^2 /NDF:14.5/15

Left: 391.943 $\pm$ 89.489 χ^2 /NDF: 57.6/32

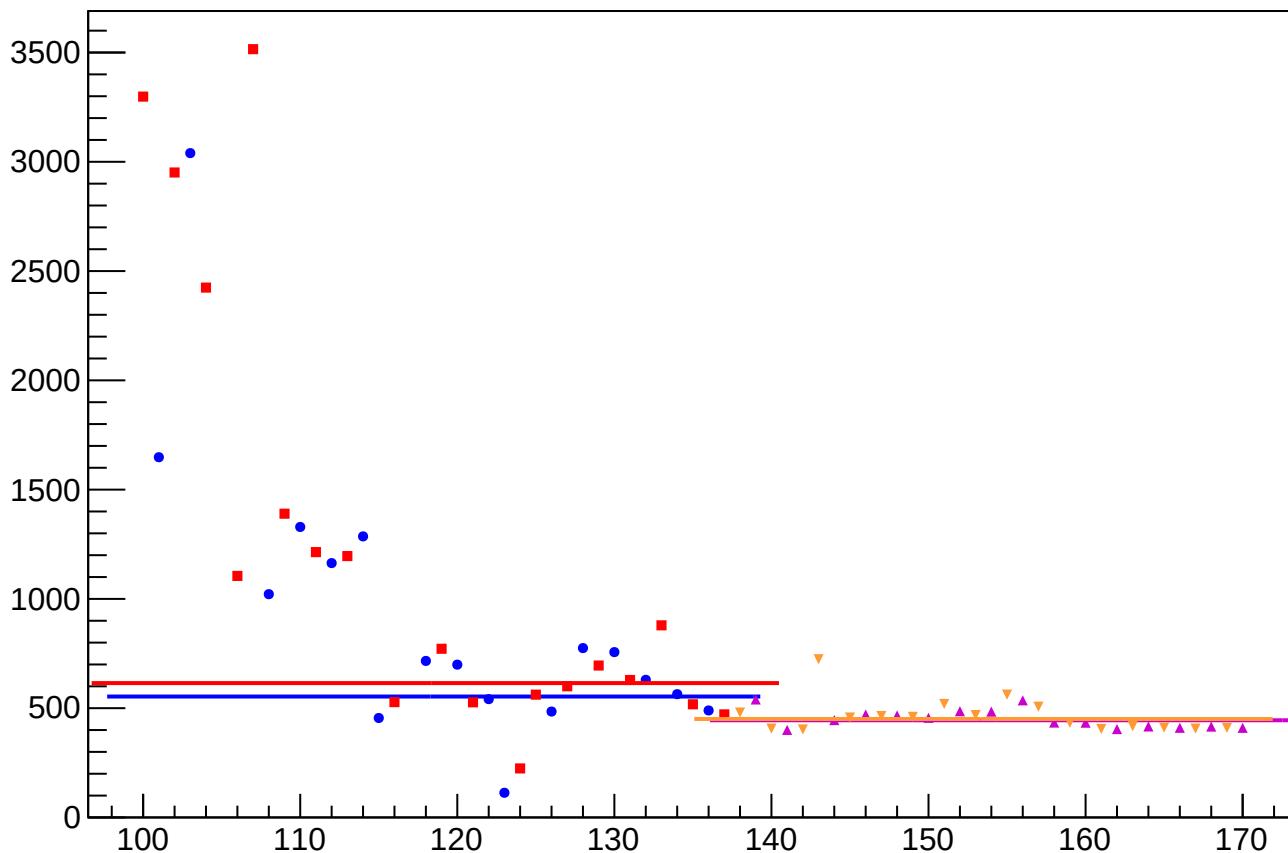
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 137.763 $\pm$ 112.383 χ^2 /NDF:38.6/32

Out: 489.710 $\pm$ 114.901 χ^2 /NDF:60.9/35

All: 309.837 $\pm$ 80.342 χ^2 /NDF: 104.3/68

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 450.575+/-0.090 χ^2/NDF : 446582.8/16

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

Left In: 444.697+/-0.089 χ^2/NDF : 197284.3/15

Left: 447.610+/-0.063 χ^2/NDF : 646024.7/32

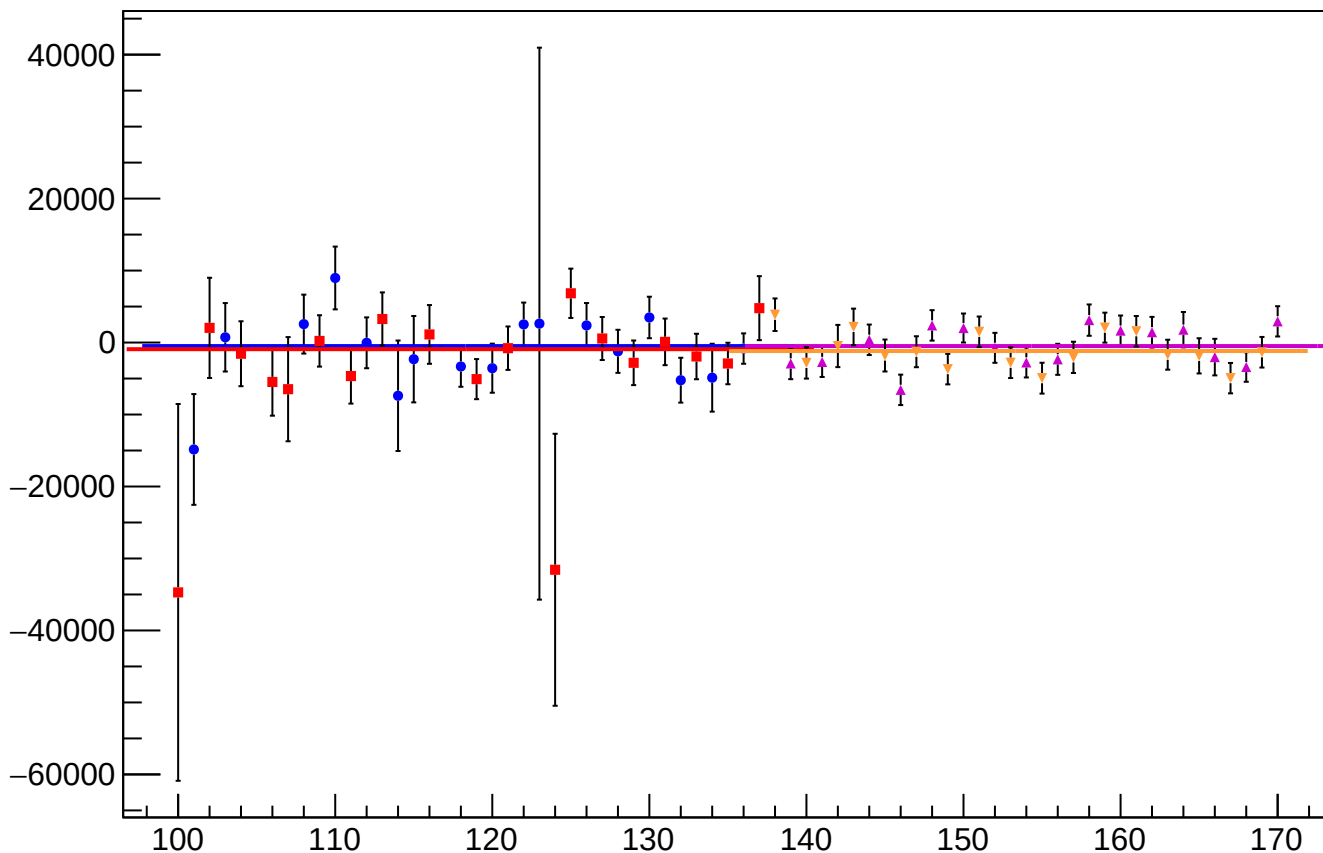
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 466.886+/-0.079 χ^2/NDF : 3913602.2/32

Out: 480.652+/-0.081 χ^2/NDF : 4627531.0/35

All: 473.616+/-0.057 χ^2/NDF : 8555803.8/68

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1176.365 $\pm$ 535.391 χ^2 /NDF:21.7/16

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

Left In: -488.193 $\pm$ 536.312 χ^2 /NDF:26.6/15

Left: -832.871 $\pm$ 378.904 χ^2 /NDF: 49.1/32

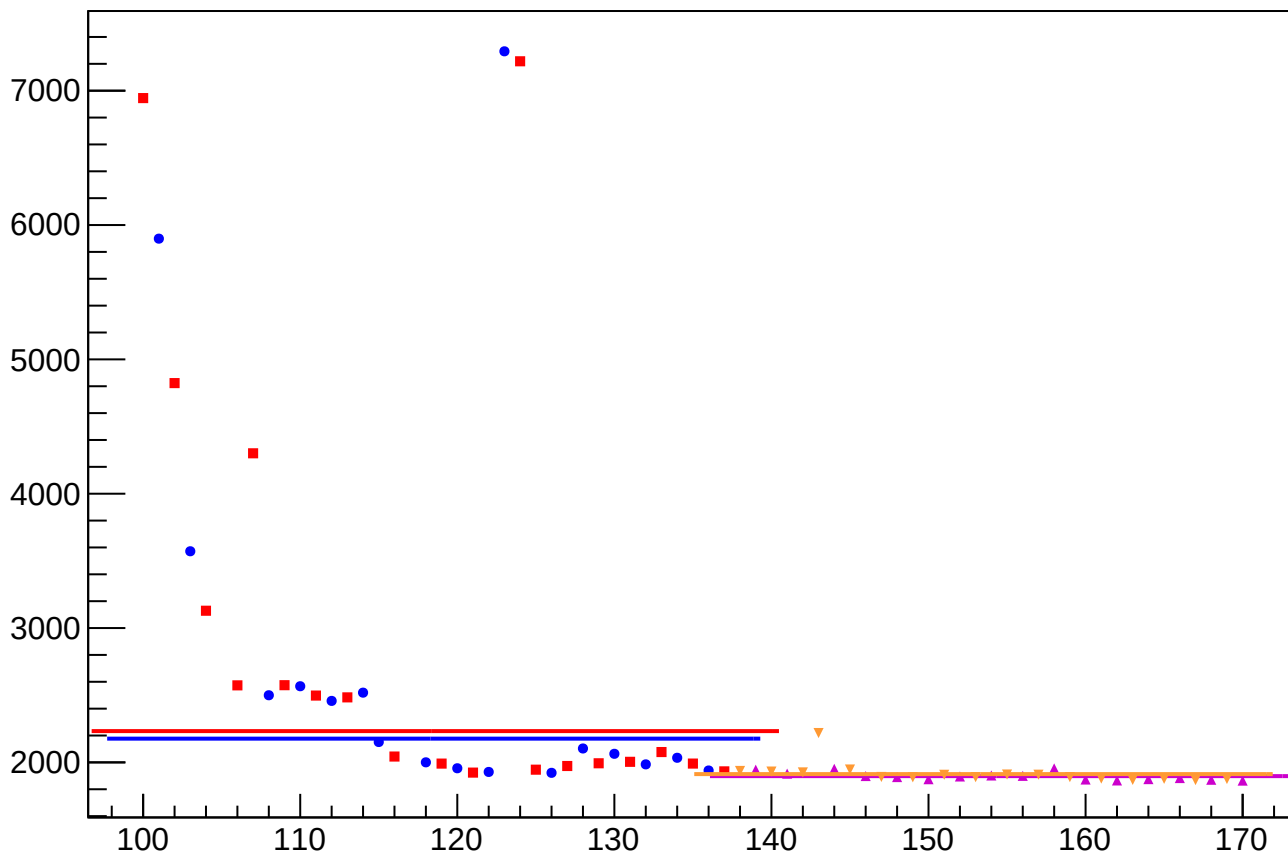
Right: -706.757 $\pm$ 613.998 χ^2 /NDF: 37.6/35

In: -489.228 $\pm$ 456.246 χ^2 /NDF:45.2/32

Out: -1106.314 $\pm$ 455.776 χ^2 /NDF:40.7/35

All: -798.089 $\pm$ 322.448 χ^2 /NDF: 86.8/68

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.772 $\pm$ 0.379 χ^2 /NDF: 34055.2/16

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

Left In: 1897.742 $\pm$ 0.379 χ^2 /NDF: 5959.6/15

Left: 1905.270 $\pm$ 0.268 χ^2 /NDF: 40801.6/32

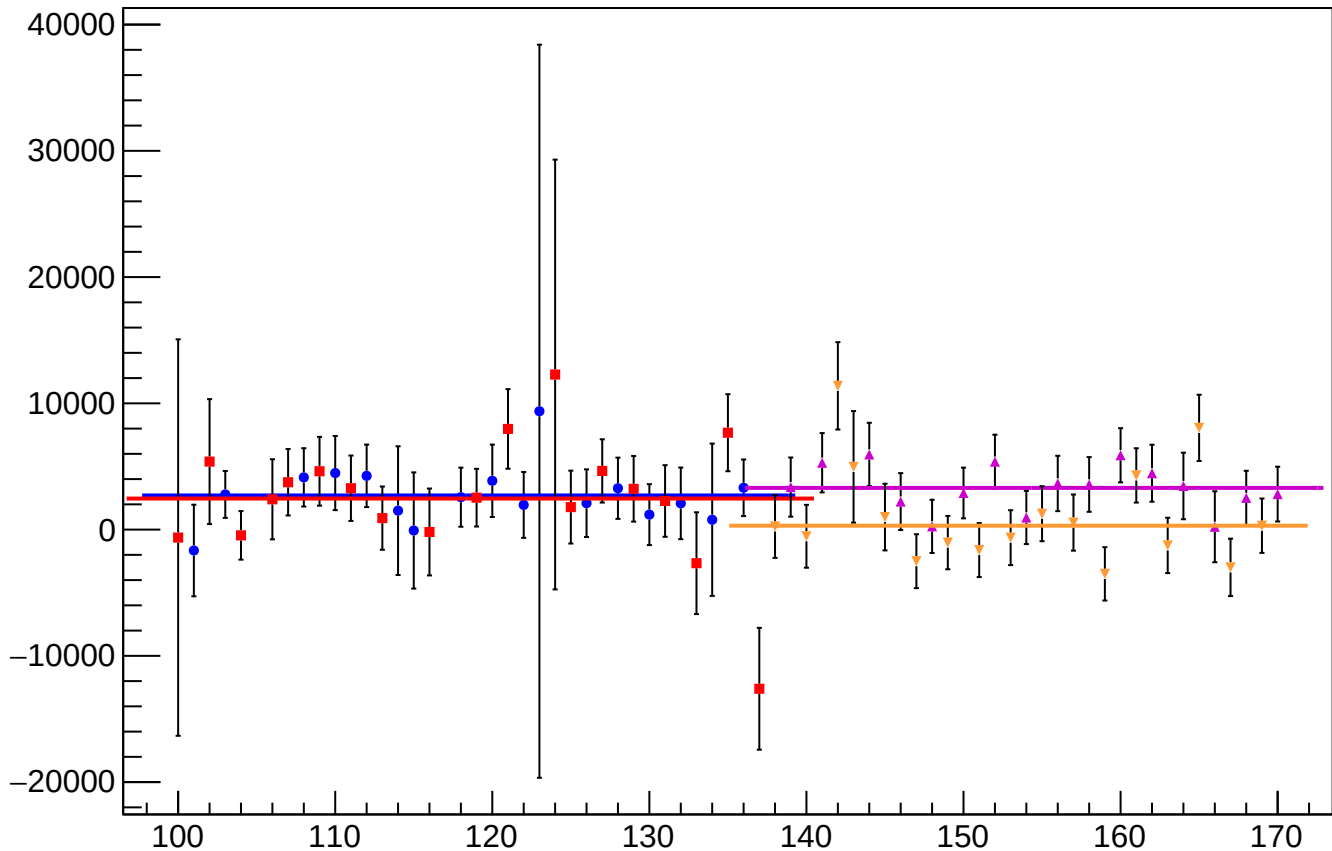
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1974.829 $\pm$ 0.323 χ^2 /NDF: 958187.6/32

Out: 2000.898 $\pm$ 0.322 χ^2 /NDF: 1121437.9/35

All: 1987.877 $\pm$ 0.228 χ^2 /NDF: 2082893.8/68

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 308.045 $\pm$ 568.846 χ^2 /NDF:32.9/16

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

Left In: 3303.411 $\pm$ 561.537 χ^2 /NDF:9.5/15

Left: 1825.097 $\pm$ 399.626 χ^2 /NDF: 56.5/32

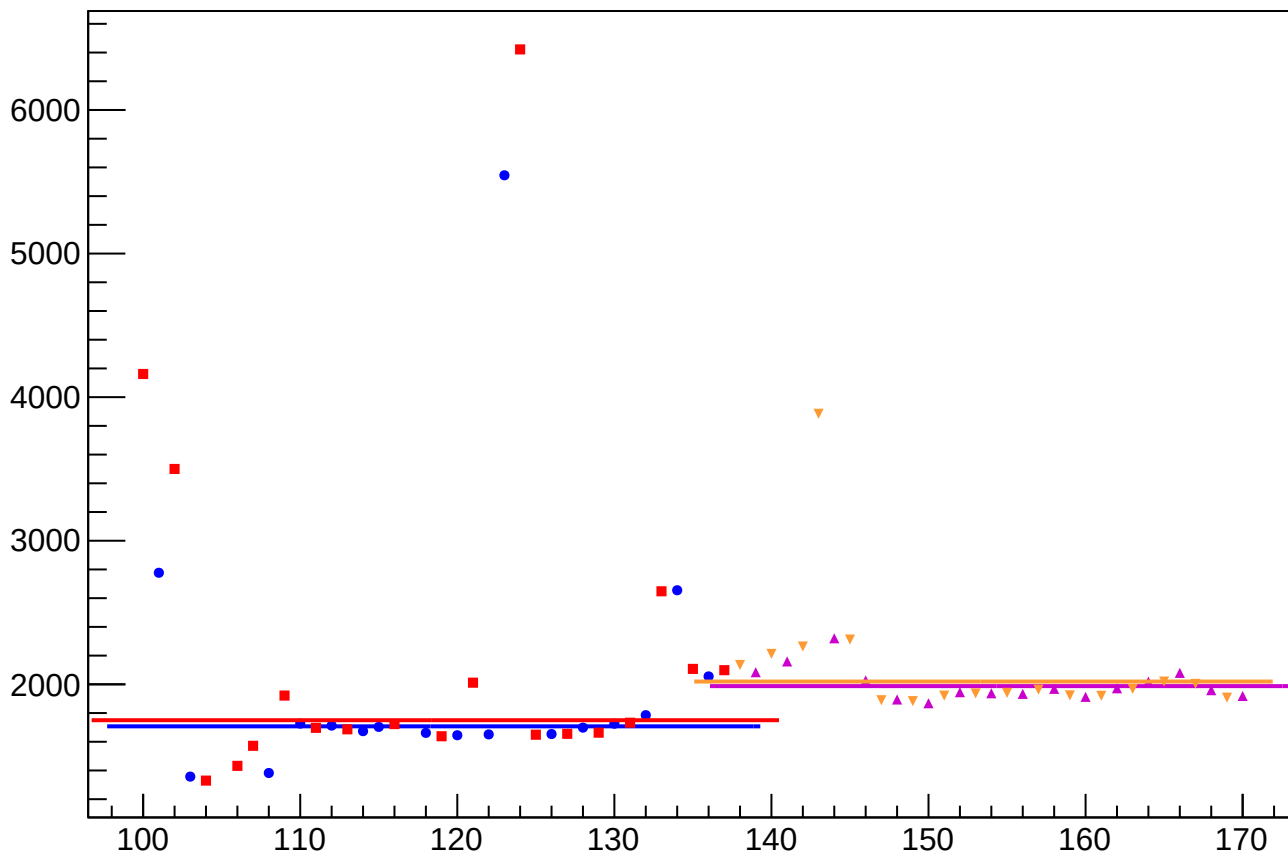
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3057.572 $\pm$ 431.399 χ^2 /NDF:14.0/32

Out: 1189.452 $\pm$ 437.004 χ^2 /NDF:62.0/35

All: 2135.569 $\pm$ 307.007 χ^2 /NDF: 85.3/68

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.364 $\pm$ 0.402 χ^2/NDF : 448589.4/16

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

Left In: 1987.454 $\pm$ 0.397 χ^2/NDF : 71613.3/15

Left: 2003.202 $\pm$ 0.283 χ^2/NDF : 523390.2/32

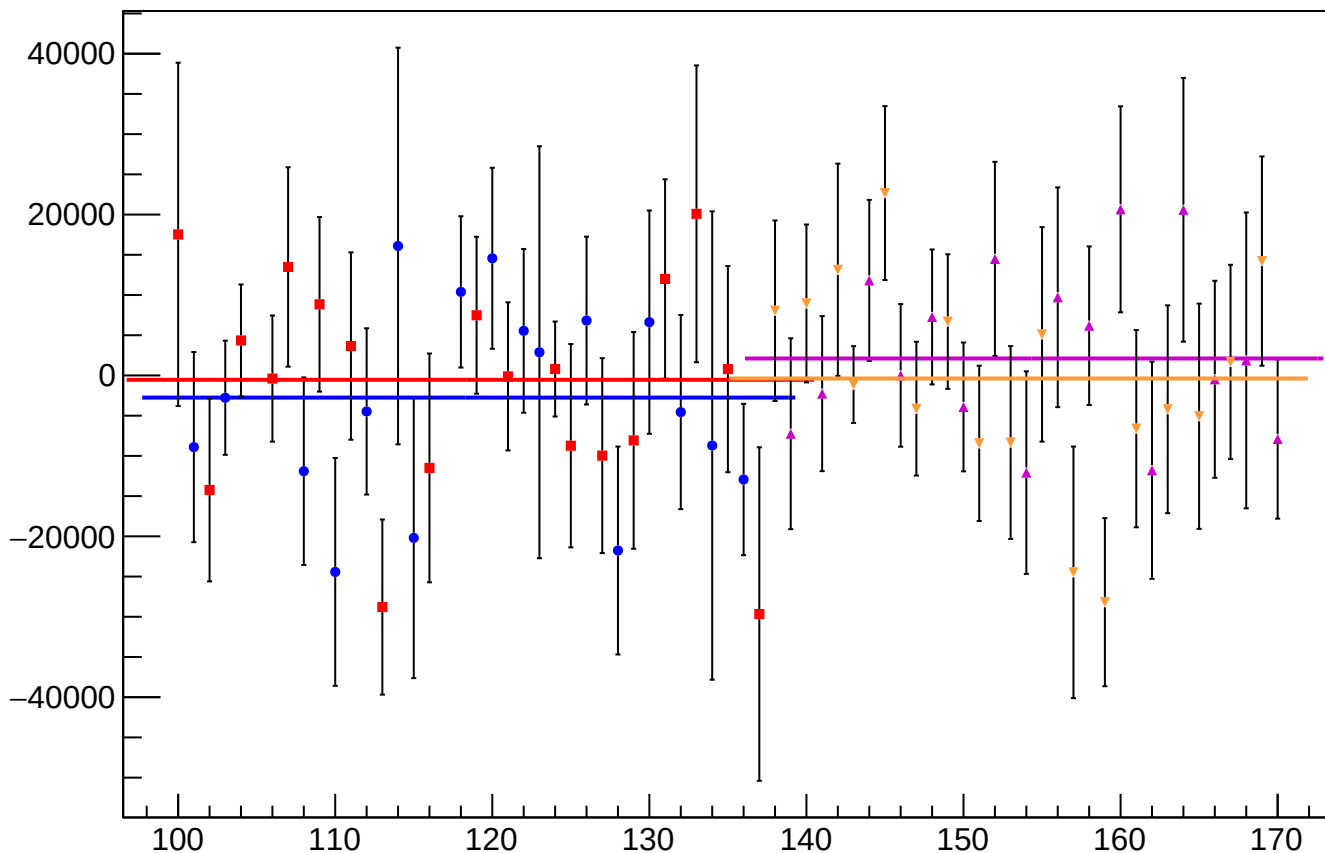
Right: 1728.481 $\pm$ 0.339 χ^2/NDF : 1172634.0/35

In: 1872.683 $\pm$ 0.305 χ^2/NDF : 697657.2/32

Out: 1908.983 $\pm$ 0.309 χ^2/NDF : 1378779.1/35

All: 1890.600 $\pm$ 0.217 χ^2/NDF : 2083426.2/68

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -376.139 $\pm$ 2409.668 χ^2 /NDF:20.5/16

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

Left In: 2109.671 $\pm$ 2728.855 χ^2 /NDF:11.1/15

Left: 712.950 $\pm$ 1806.251 χ^2 /NDF: 32.0/32

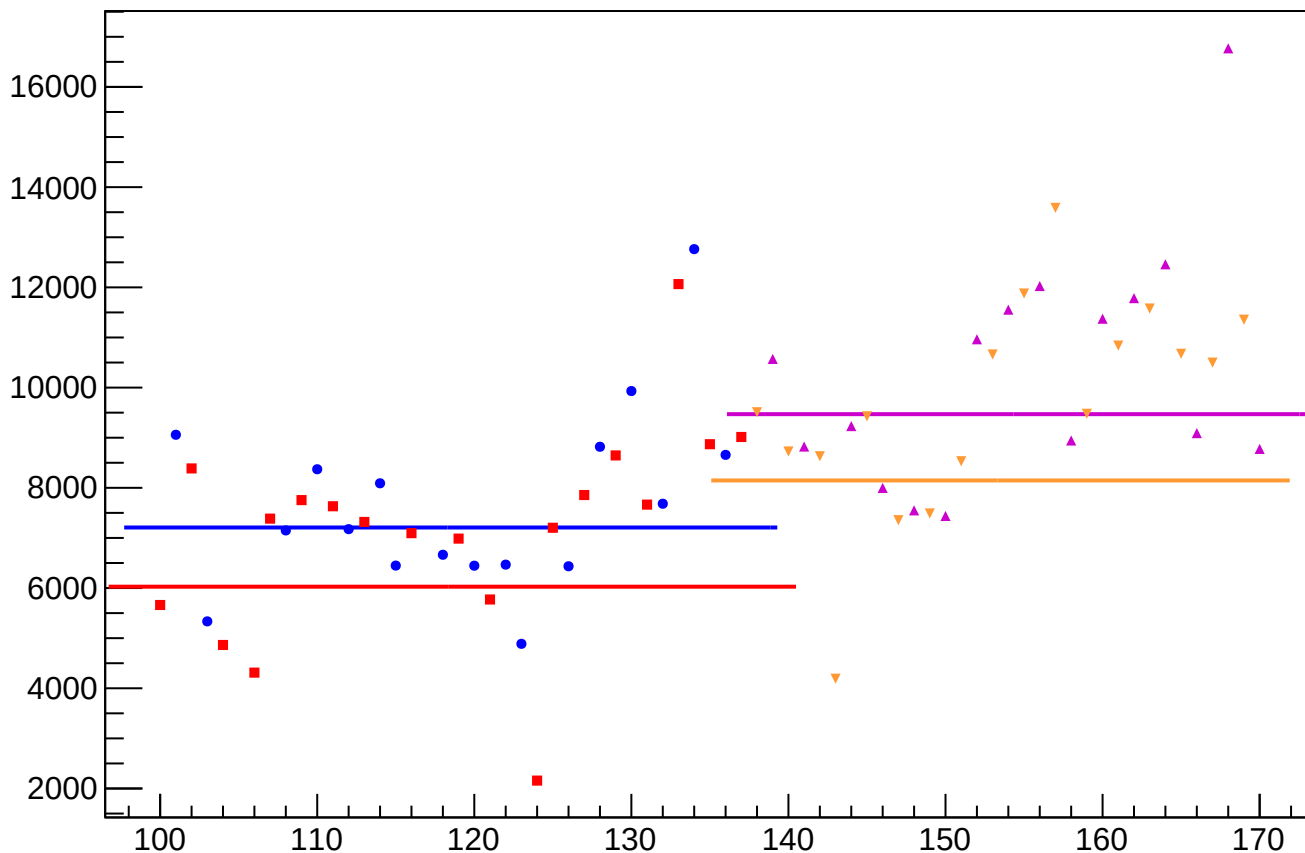
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -221.511 $\pm$ 1968.509 χ^2 /NDF:27.2/32

Out: -456.778 $\pm$ 1709.280 χ^2 /NDF:39.0/35

All: -355.646 $\pm$ 1290.633 χ^2 /NDF: 66.2/68

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8147.064+/-1.704 χ^2/NDF : 2489924.8/16

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

Left In: 9469.955+/-1.930 χ^2/NDF : 973640.2/15

Left: 8726.652+/-1.277 χ^2/NDF : 3727659.2/32

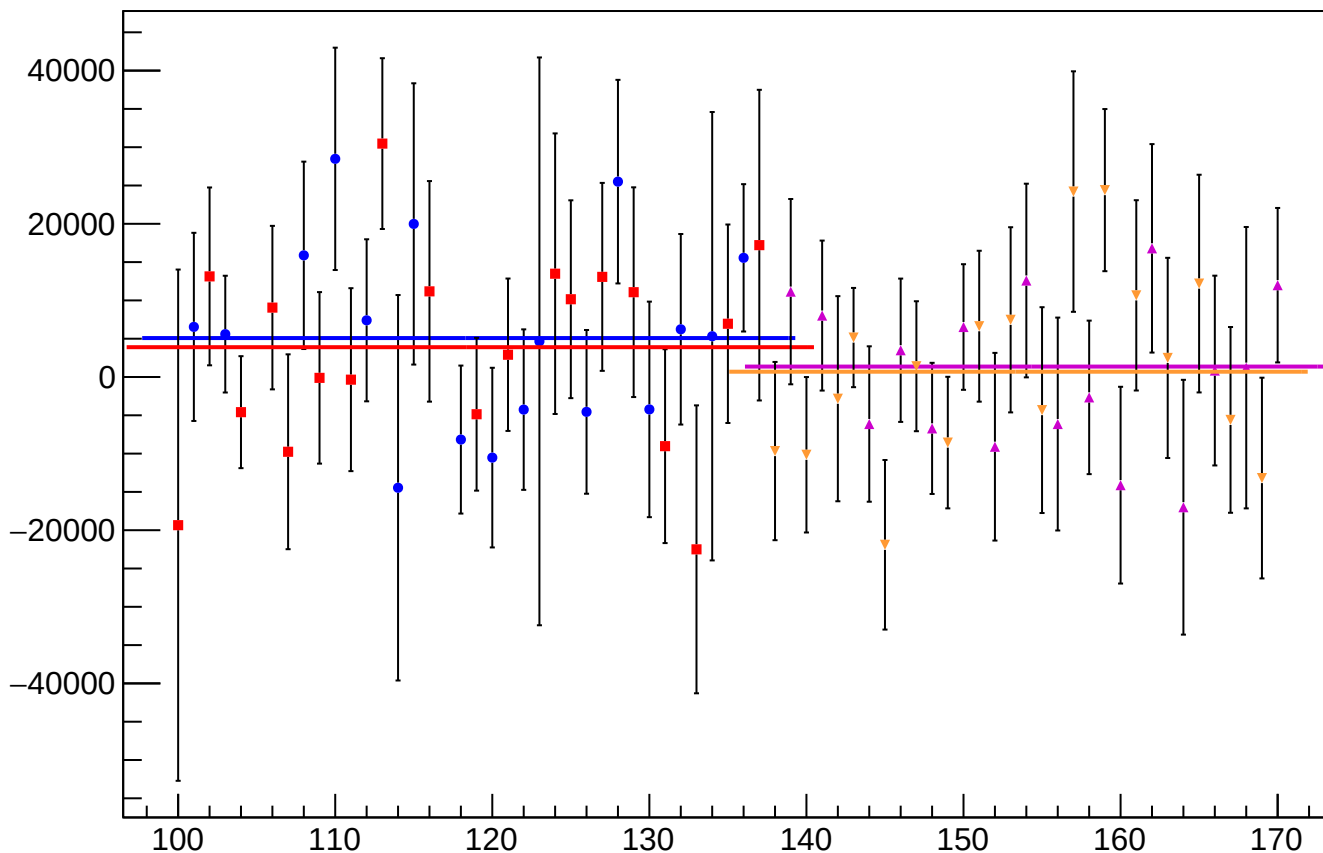
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8385.224+/-1.392 χ^2/NDF : 2126273.6/32

Out: 7093.948+/-1.209 χ^2/NDF : 5056958.8/35

All: 7649.020+/-0.913 χ^2/NDF : 7673882.4/68

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2/NDF : 14.0/16

Left Out: 691.967 $\pm$ 2601.942 χ^2/NDF : 18.6/16

Right Out: 3892.007 $\pm$ 2790.271 χ^2/NDF : 15.7/18

Left In: 1361.889 $\pm$ 2780.041 χ^2/NDF : 10.0/15

Left: 1004.784 $\pm$ 1899.695 χ^2/NDF : 28.7/32

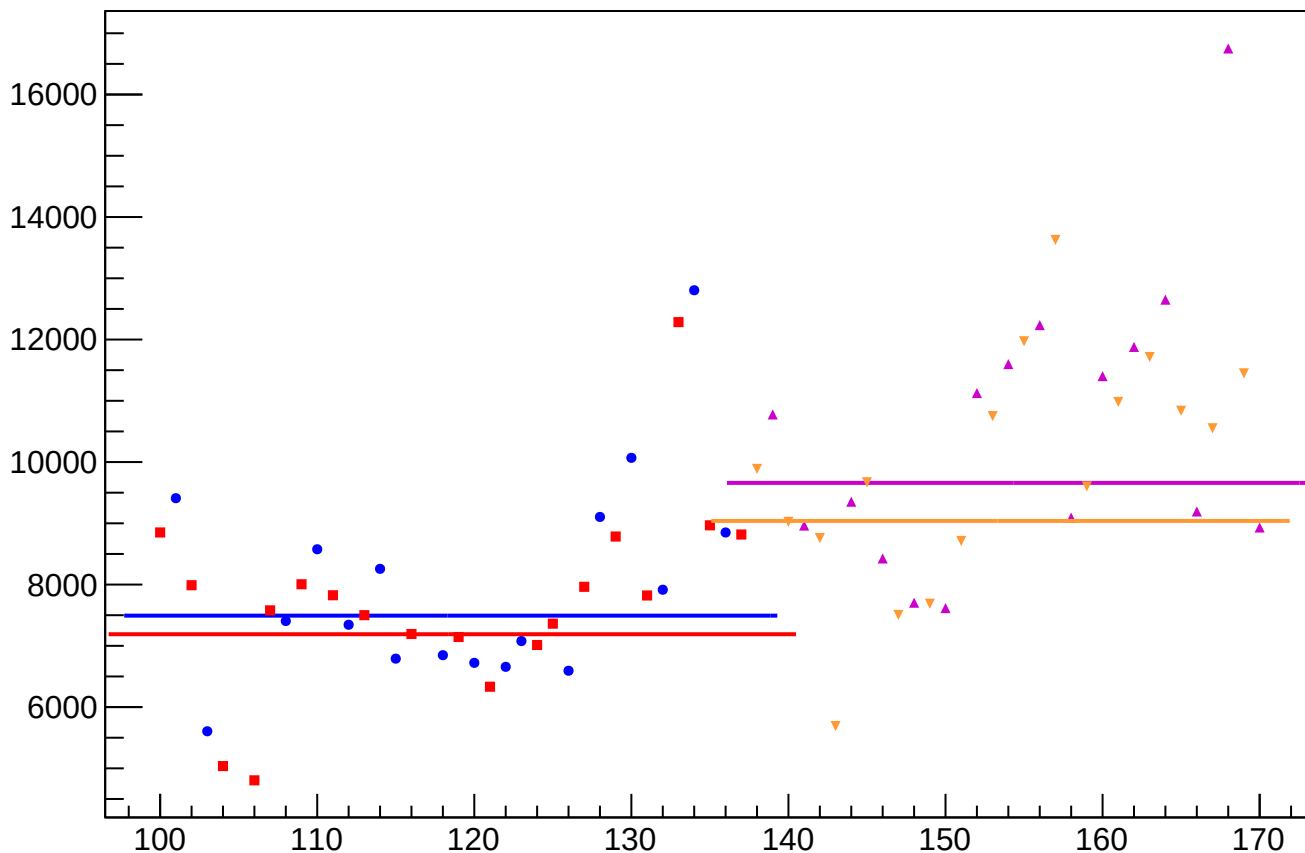
Right: 4454.101 $\pm$ 2028.836 χ^2/NDF : 29.7/35

In: 3109.641 $\pm$ 2024.893 χ^2/NDF : 24.8/32

Out: 2180.359 $\pm$ 1902.949 χ^2/NDF : 35.0/35

All: 2616.177 $\pm$ 1386.695 χ^2/NDF : 59.9/68

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9039.259+/-1.840 χ^2/NDF :1244879.5/16

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

Left In: 9659.973+/-1.966 χ^2/NDF :909477.1/15

Left: 9329.098+/-1.343 χ^2/NDF : 2207504.2/32

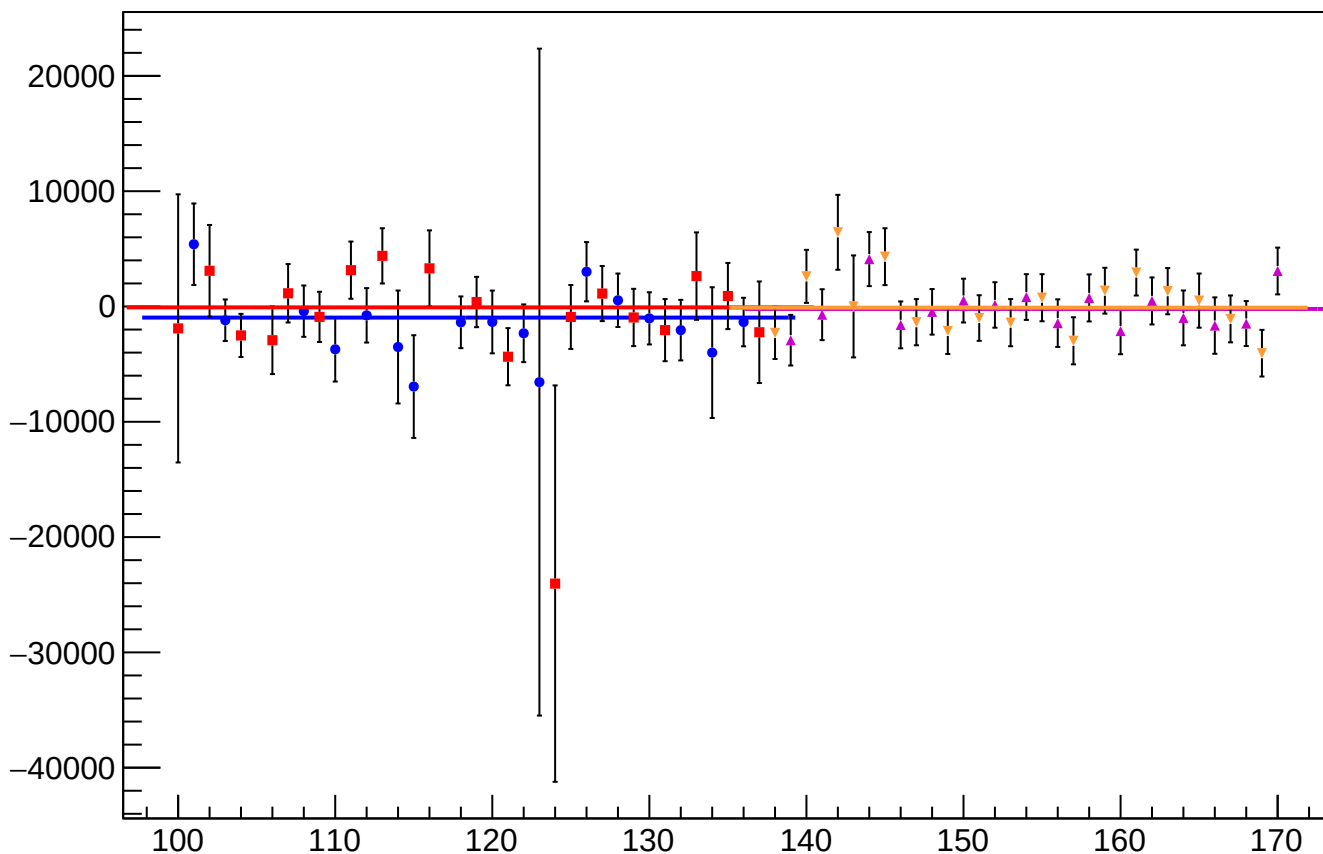
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8642.556+/-1.432 χ^2/NDF :1917114.8/32

Out: 8178.789+/-1.346 χ^2/NDF :2275975.0/35

All: 8396.277+/-0.981 χ^2/NDF : 4248803.6/68

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -101.023 $\pm$ 527.764 χ^2/NDF :21.3/16

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

Left In: -212.794 $\pm$ 520.301 χ^2/NDF :11.0/15

Left: -157.705 $\pm$ 370.519 χ^2/NDF : 32.3/32

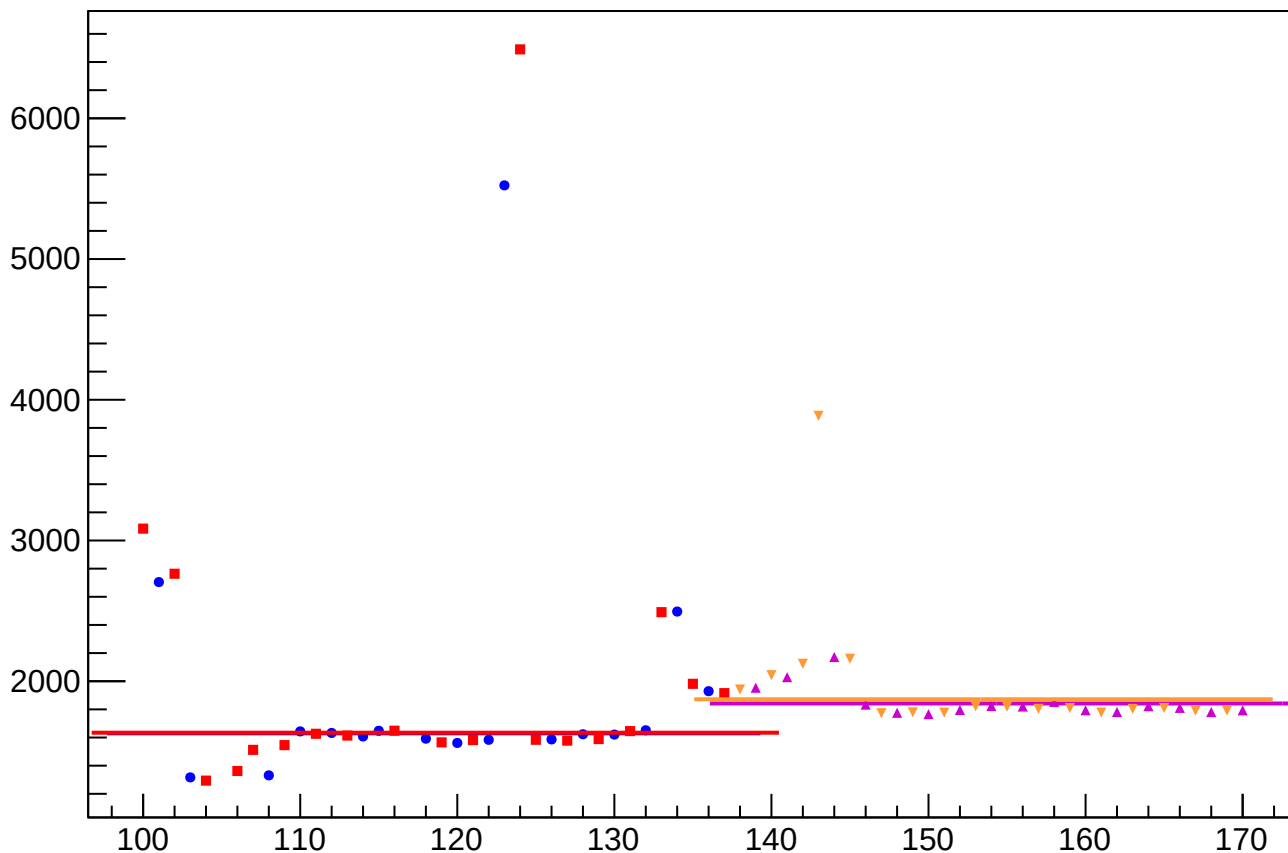
Right: -513.024 $\pm$ 451.276 χ^2/NDF : 27.8/35

In: -509.445 $\pm$ 404.476 χ^2/NDF :21.9/32

Out: -91.077 $\pm$ 405.483 χ^2/NDF :38.0/35

All: -300.781 $\pm$ 286.363 χ^2/NDF : 60.5/68

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1871.774+/-0.373 χ^2/NDF : 502237.2/16

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

Left In: 1841.905+/-0.368 χ^2/NDF : 72705.9/15

Left: 1856.627+/-0.262 χ^2/NDF : 578191.8/32

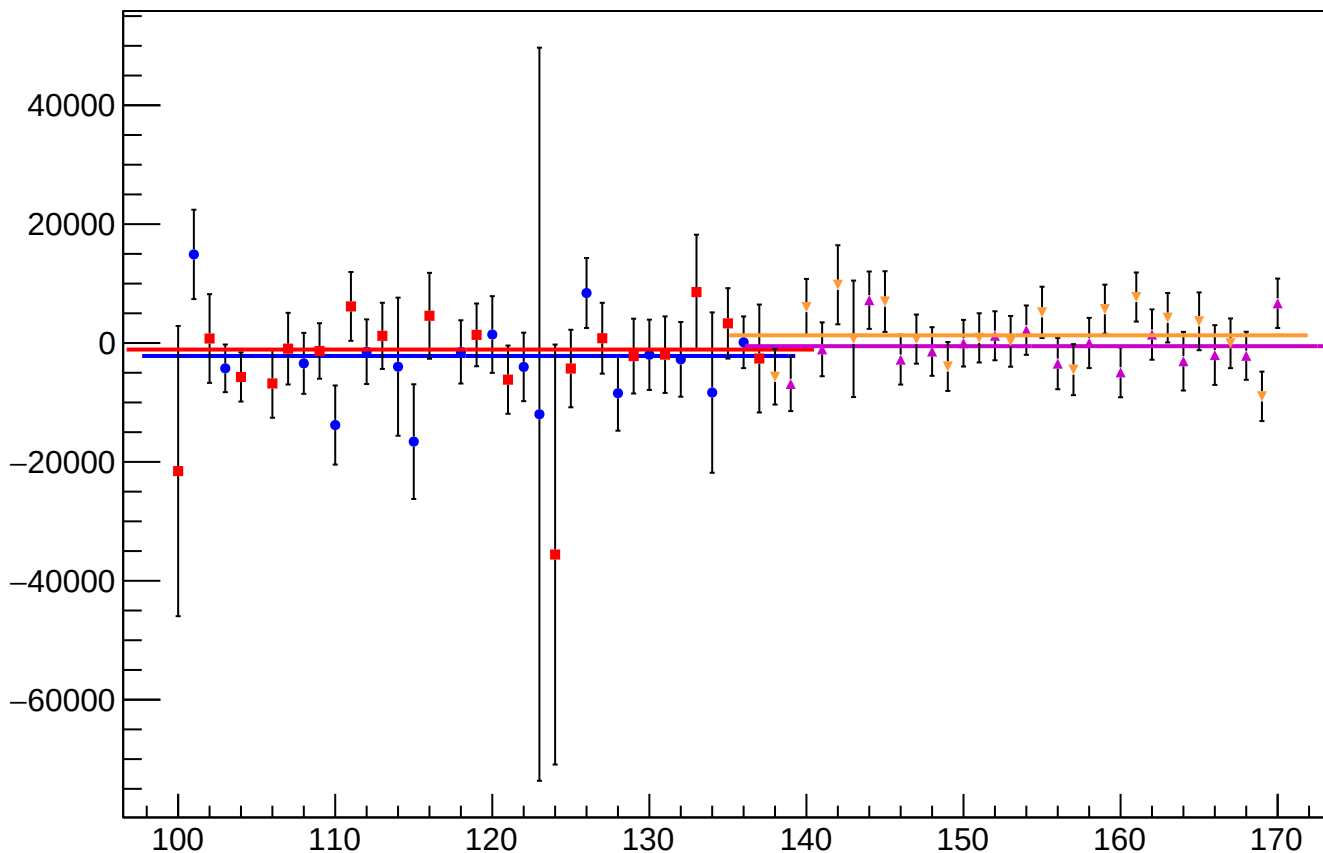
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1758.043+/-0.286 χ^2/NDF : 612175.0/32

Out: 1774.461+/-0.287 χ^2/NDF : 1256851.3/35

All: 1766.232+/-0.202 χ^2/NDF : 1870670.0/68

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1297.626+/-1095.483 χ^2/NDF : 20.9/16

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

Left In: -527.746+/-1078.479 χ^2/NDF : 10.8/15

Left: 370.663+/-768.541 χ^2/NDF : 33.1/32

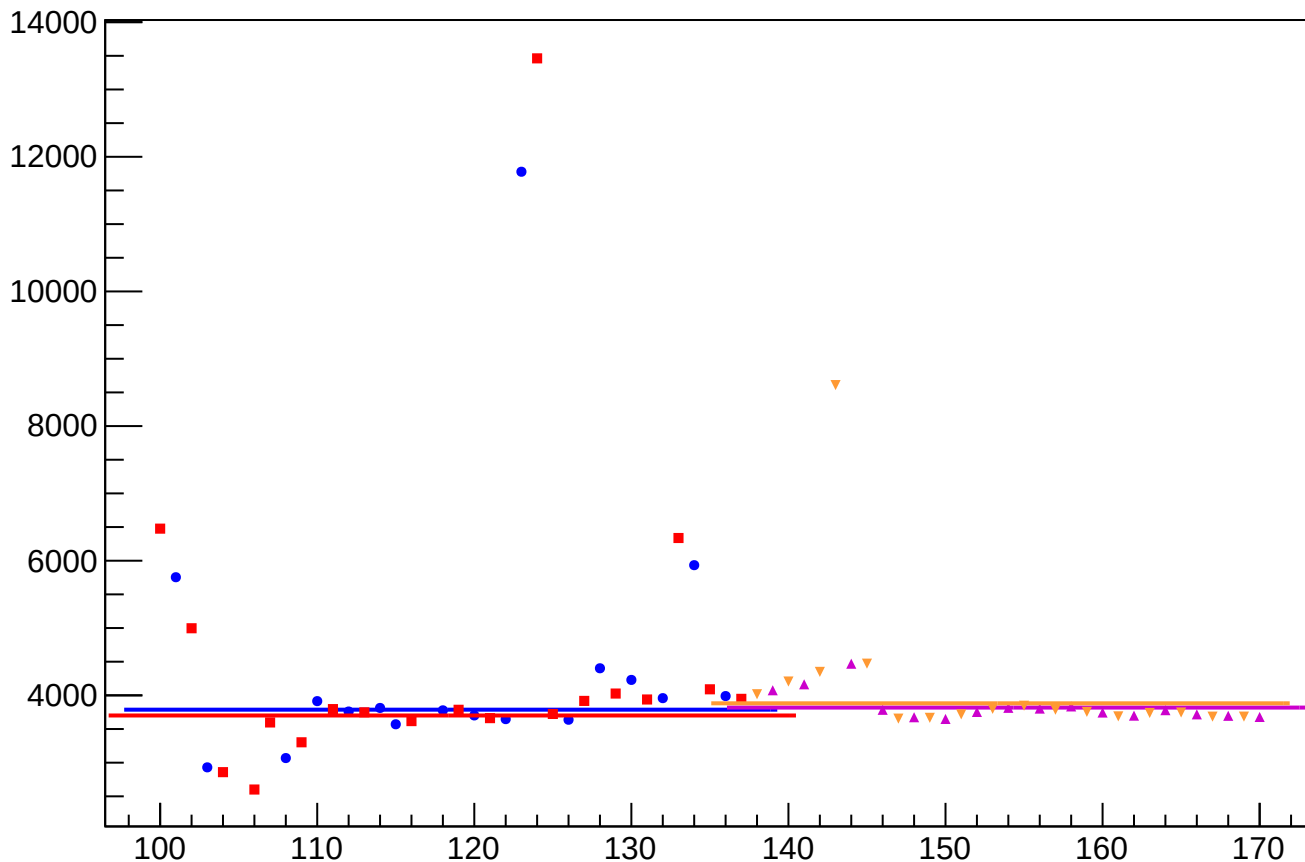
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1094.004+/-874.250 χ^2/NDF : 27.6/32

Out: 419.160+/-871.826 χ^2/NDF : 32.0/35

All: -335.322+/-617.329 χ^2/NDF : 61.0/68

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3881.814+/-0.775 χ^2/NDF : 548977.4/16

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

Left In: 3818.330+/-0.763 χ^2/NDF : 68482.4/15

Left: 3849.576+/-0.543 χ^2/NDF : 620870.7/32

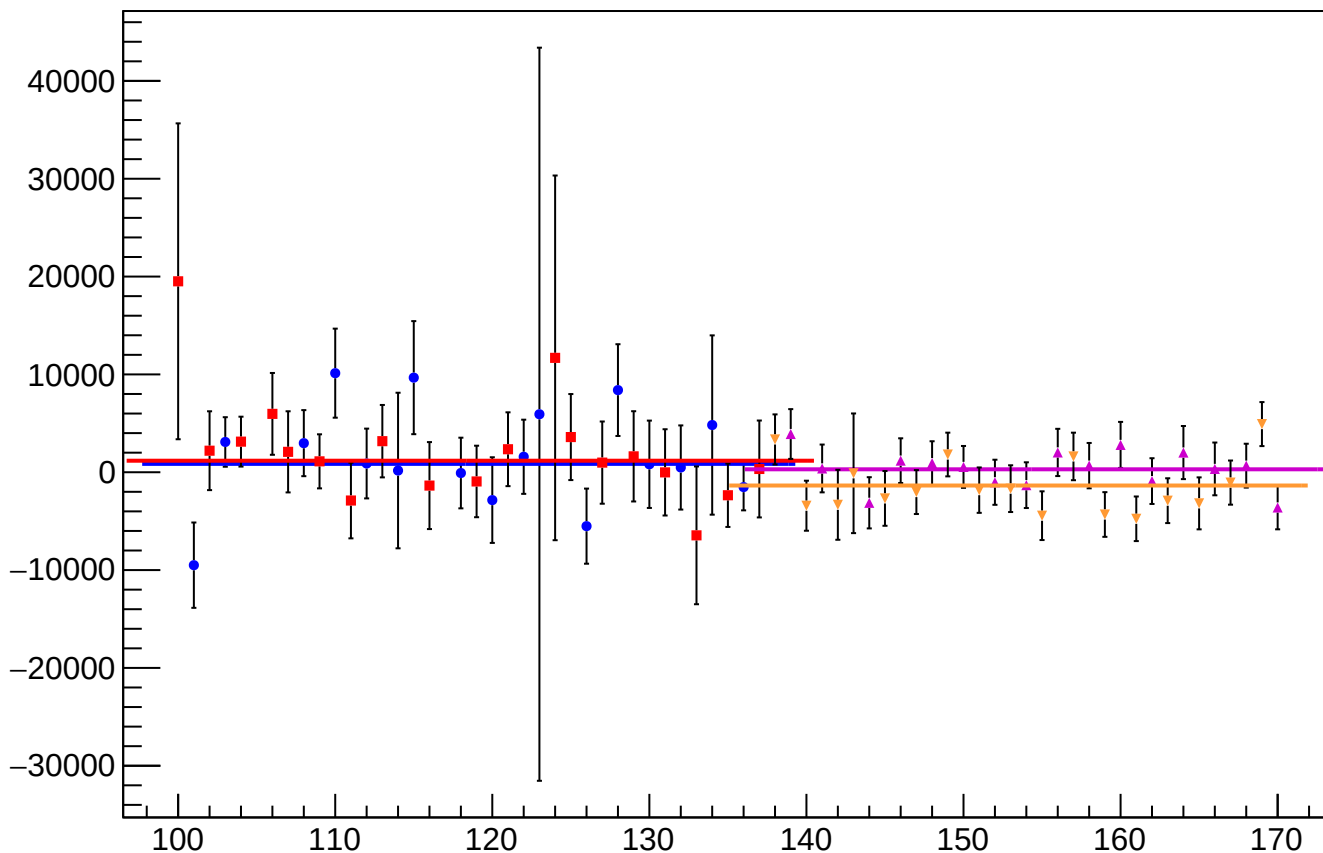
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3807.691+/-0.618 χ^2/NDF : 461700.8/32

Out: 3815.493+/-0.616 χ^2/NDF : 1150064.8/35

All: 3811.603+/-0.437 χ^2/NDF : 1611845.5/68

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1356.170 $\pm$ 604.140 χ^2 /NDF:22.4/16

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

Left In: 300.051 $\pm$ 592.982 χ^2 /NDF:10.2/15

Left: -512.624 $\pm$ 423.191 χ^2 /NDF: 36.5/32

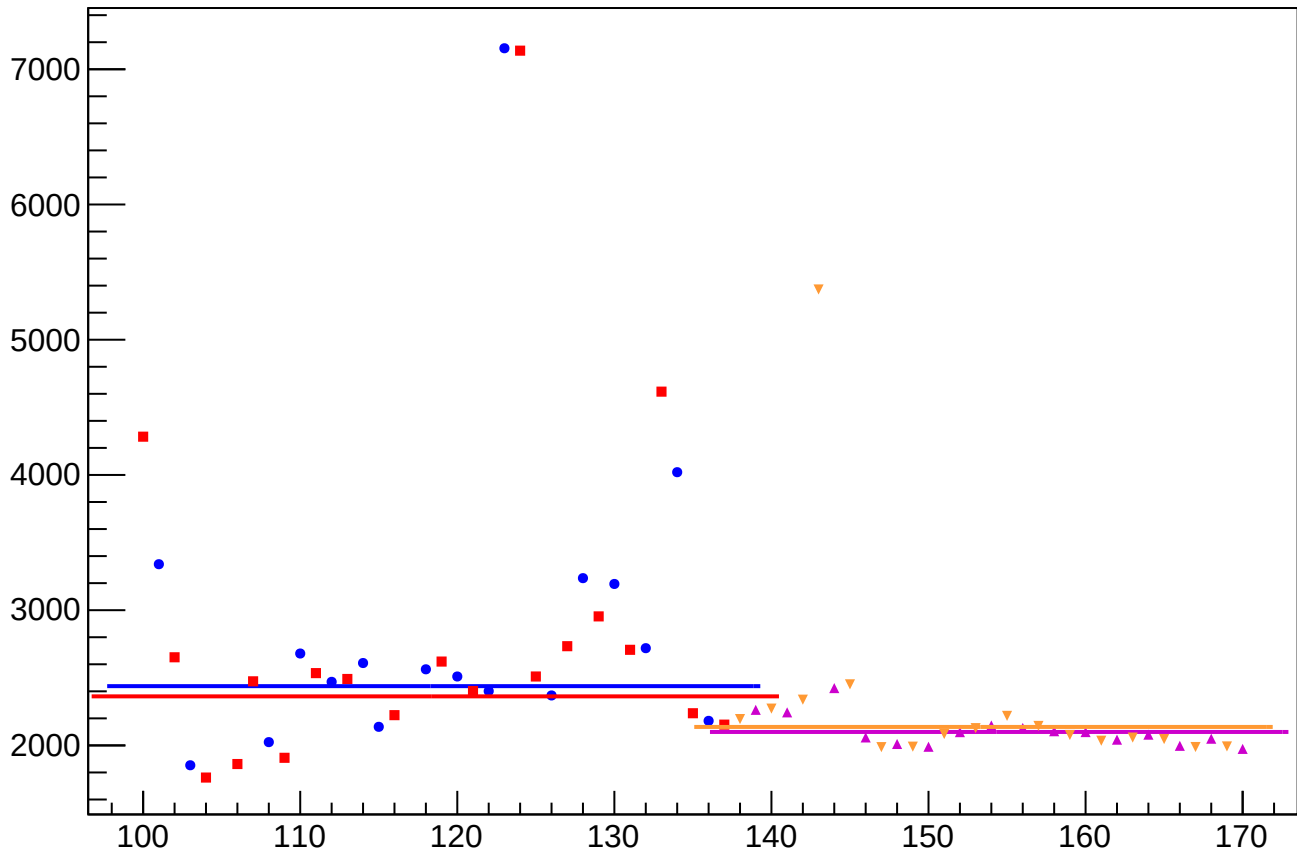
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 452.545 $\pm$ 505.183 χ^2 /NDF:31.1/32

Out: -599.161 $\pm$ 505.923 χ^2 /NDF:36.3/35

All: -72.537 $\pm$ 357.480 χ^2 /NDF: 69.5/68

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2136.643+/-0.427 χ^2/NDF : 645497.4/16

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

Left In: 2099.497+/-0.419 χ^2/NDF : 67670.9/15

Left: 2117.724+/-0.299 χ^2/NDF : 717019.2/32

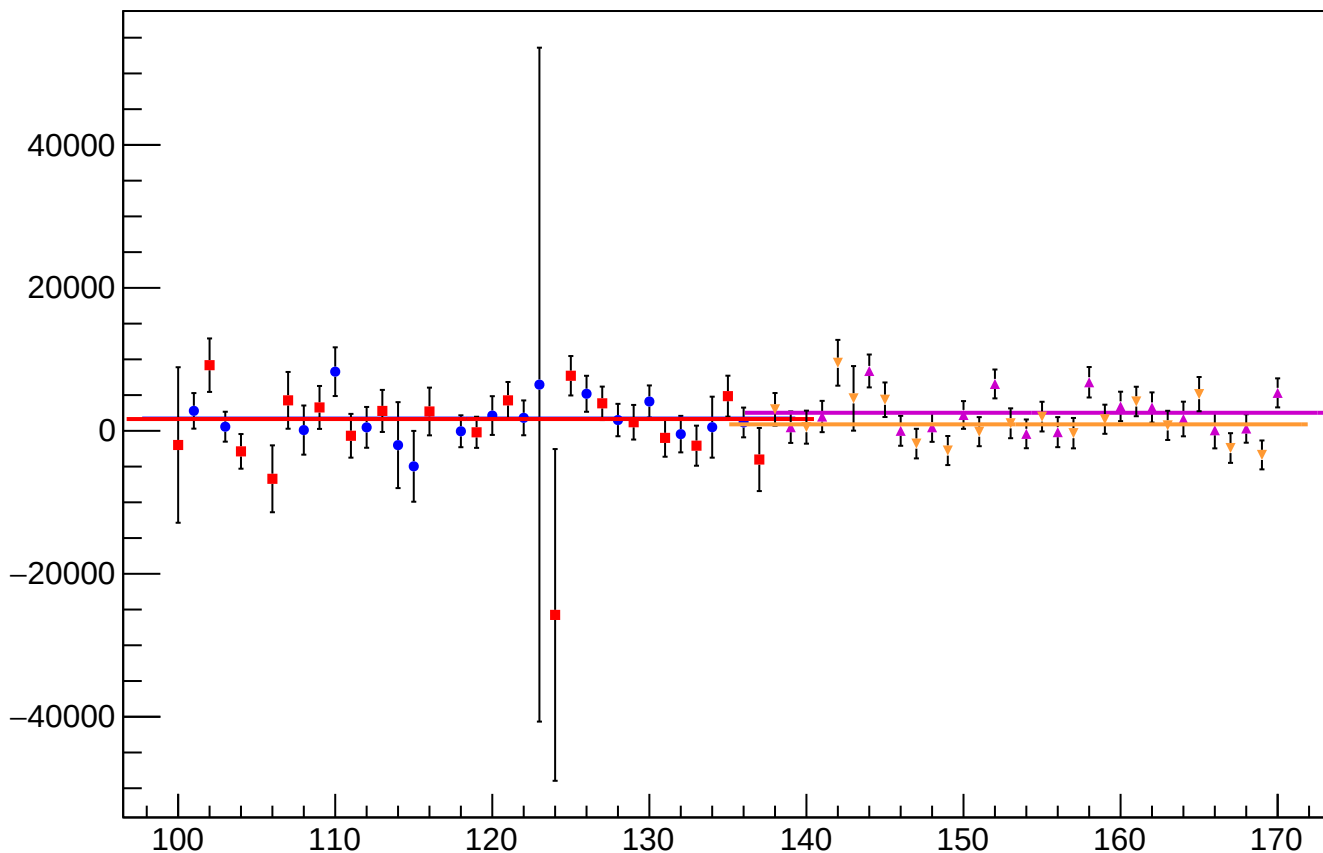
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2192.392+/-0.357 χ^2/NDF : 723394.5/32

Out: 2204.182+/-0.358 χ^2/NDF : 1386698.8/35

All: 2198.278+/-0.253 χ^2/NDF : 2110637.2/68

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 908.722+/-537.340 χ^2/NDF : 29.3/16

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

Left In: 2526.293+/-530.311 χ^2/NDF : 26.1/15

Left: 1728.157+/-377.447 χ^2/NDF : 59.9/32

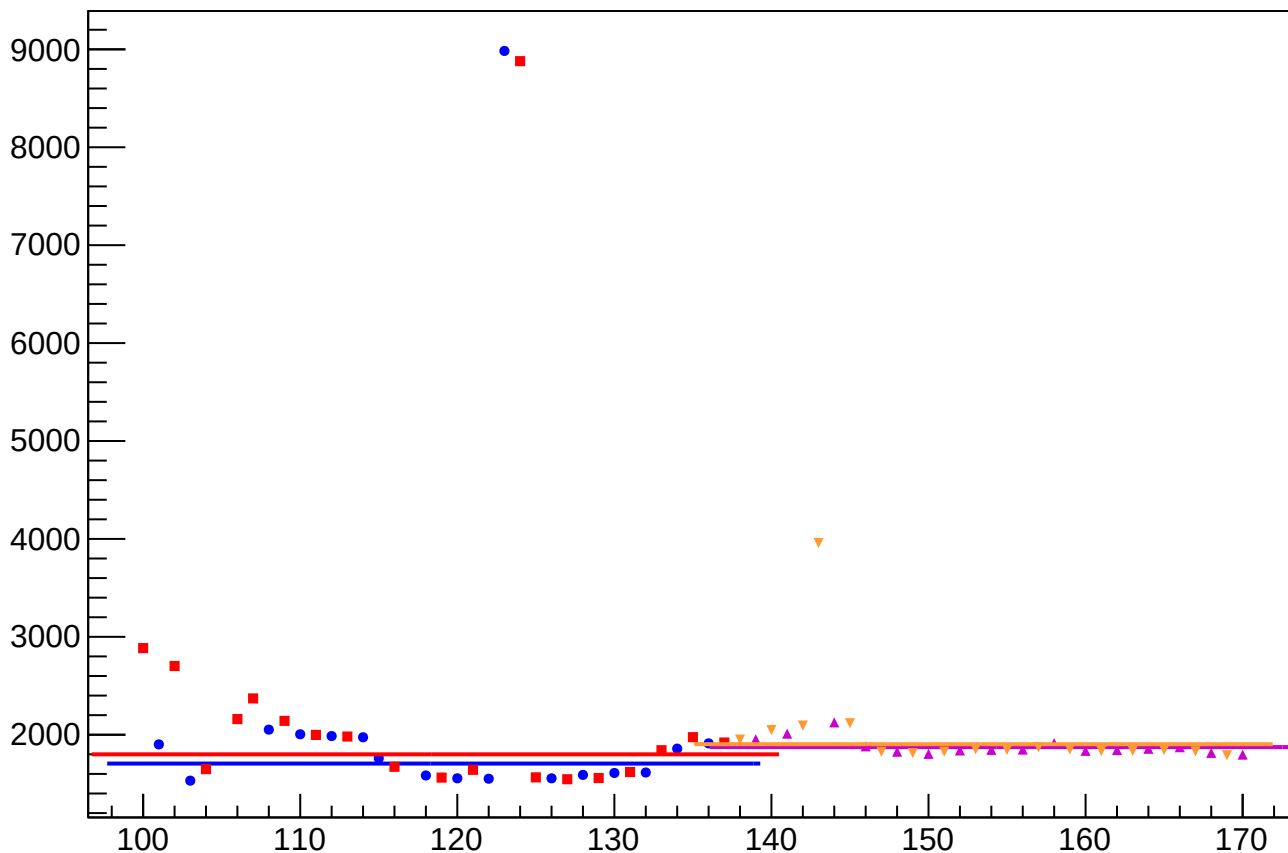
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2211.219+/-415.136 χ^2/NDF : 38.4/32

Out: 1186.607+/-424.938 χ^2/NDF : 56.9/35

All: 1710.866+/-296.950 χ^2/NDF : 98.3/68

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1903.560 $\pm$ 0.380 χ^2 /NDF: 474233.7/16

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

Left In: 1874.064 $\pm$ 0.375 χ^2 /NDF: 46016.8/15

Left: 1888.618 $\pm$ 0.267 χ^2 /NDF: 523303.3/32

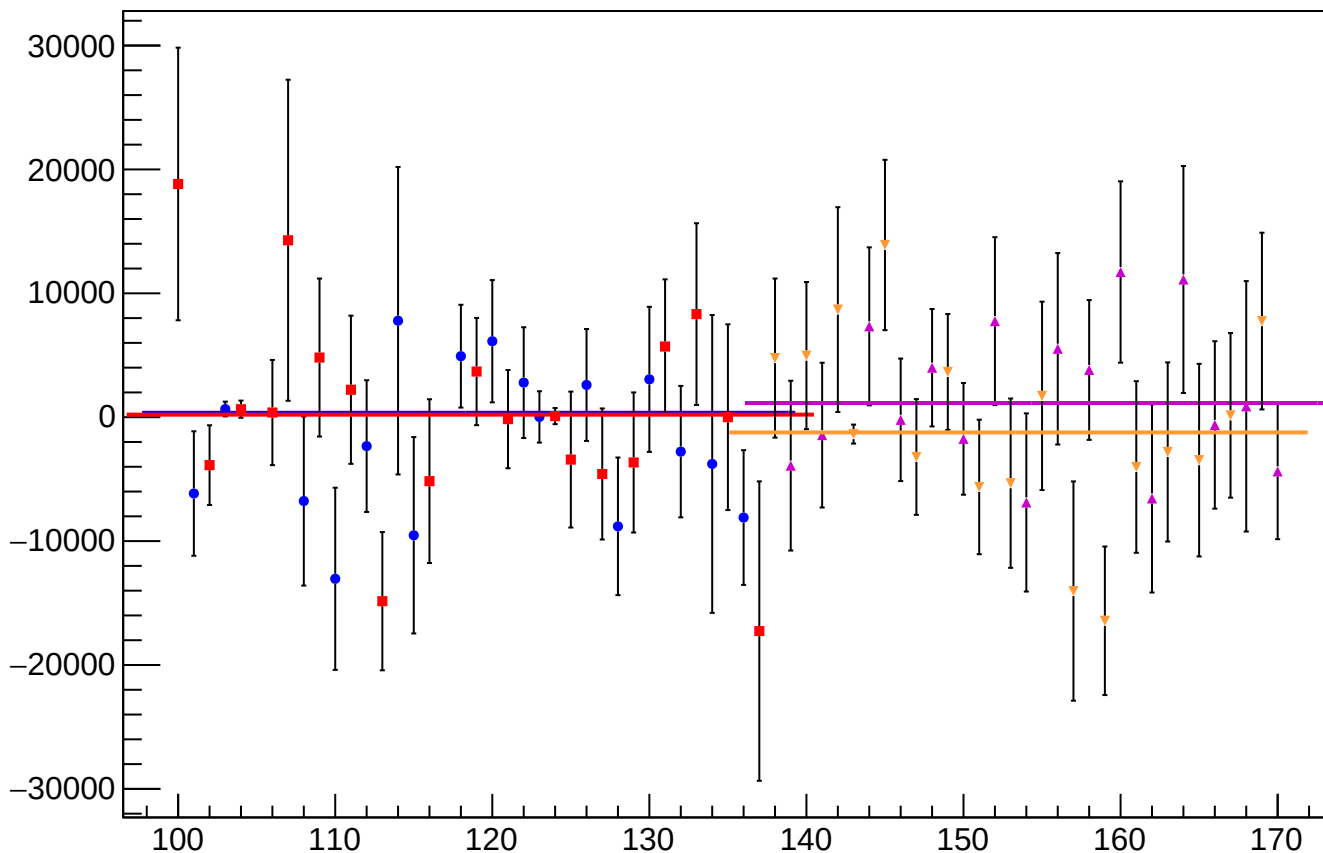
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1808.844 $\pm$ 0.294 χ^2 /NDF: 318316.7/32

Out: 1864.656 $\pm$ 0.300 χ^2 /NDF: 1040922.7/35

All: 1836.122 $\pm$ 0.210 χ^2 /NDF: 1376907.5/68

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1228.041 $\pm$ 690.748 χ^2 /NDF:21.2/16

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

Left In: 1146.509 $\pm$ 1557.662 χ^2 /NDF:10.7/15

Left: -837.824 $\pm$ 631.446 χ^2 /NDF: 33.8/32

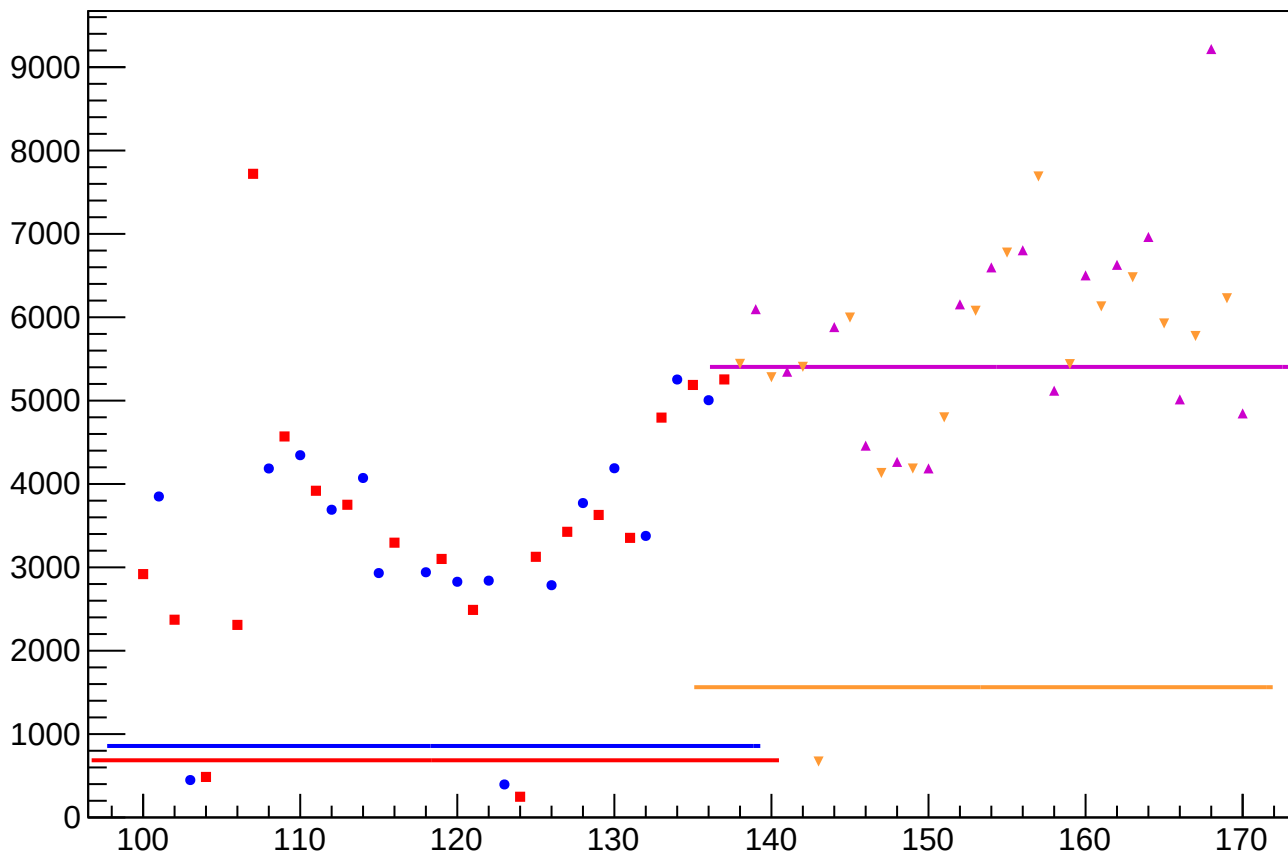
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 439.832 $\pm$ 504.471 χ^2 /NDF:28.4/32

Out: -214.024 $\pm$ 375.056 χ^2 /NDF:45.6/35

All: 18.733 $\pm$ 300.986 χ^2 /NDF: 75.1/68

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1562.574 $\pm$ 0.488 χ^2 /NDF: 15124907.4/16

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

Left In: 5404.415 $\pm$ 1.101 χ^2 /NDF: 983630.9/15

Left: 2193.916 $\pm$ 0.446 χ^2 /NDF: 26275593.2/32

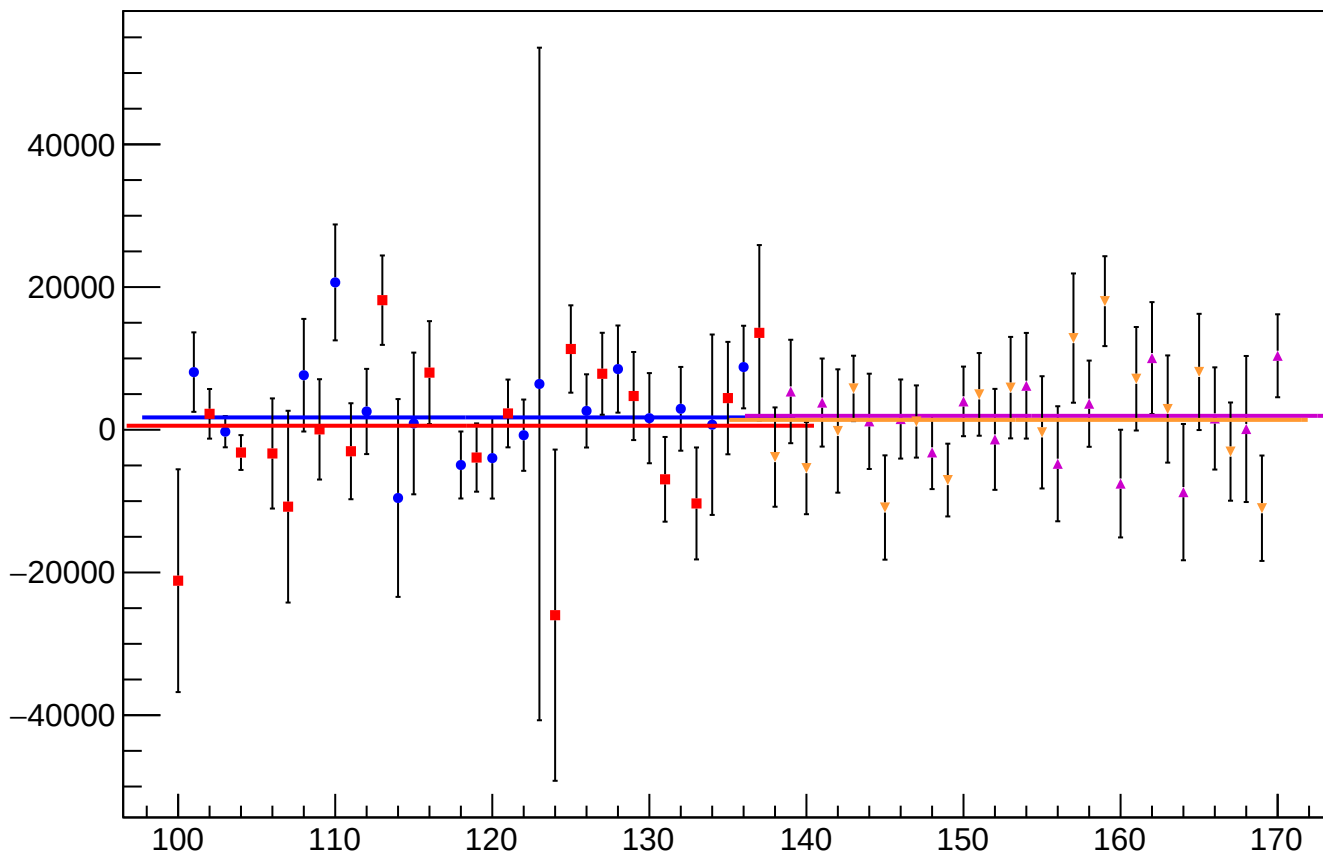
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1334.391 $\pm$ 0.357 χ^2 /NDF: 24413453.9/32

Out: 944.288 $\pm$ 0.265 χ^2 /NDF: 26858331.8/35

All: 1083.155 $\pm$ 0.213 χ^2 /NDF: 52042013.9/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1386.706+/-1588.812 χ^2/NDF : 22.2/16

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

Left In: 1954.074+/-1656.472 χ^2/NDF : 8.8/15

Left: 1658.566+/-1146.633 χ^2/NDF : 31.1/32

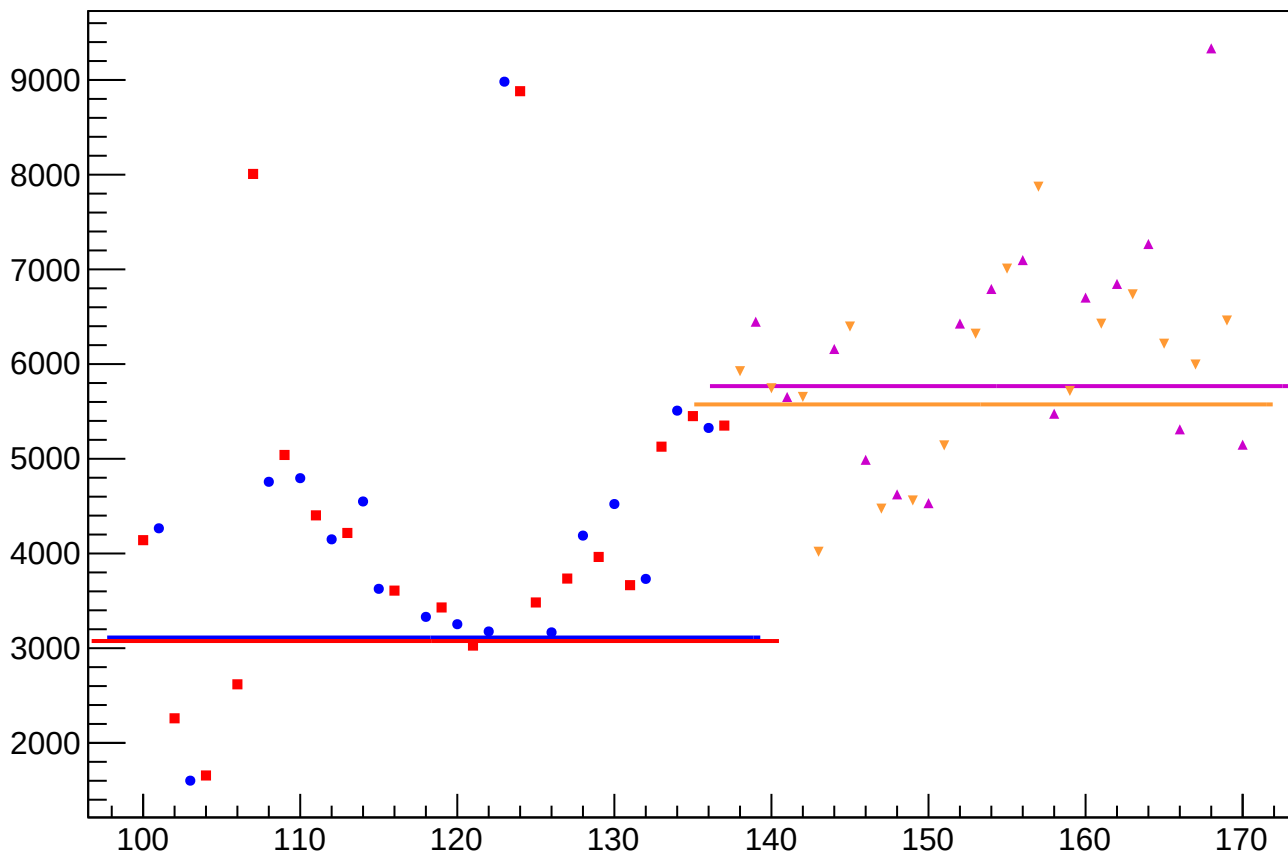
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1817.801+/-1024.906 χ^2/NDF : 23.8/32

Out: 891.603+/-999.738 χ^2/NDF : 49.4/35

All: 1343.191+/-715.654 χ^2/NDF : 73.6/68

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5574.151 $\pm$ 1.123 χ^2 /NDF: 789671.6/16

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

Left In: 5767.374 $\pm$ 1.171 χ^2 /NDF: 798168.6/15

Left: 5666.736 $\pm$ 0.811 χ^2 /NDF: 1602013.9/32

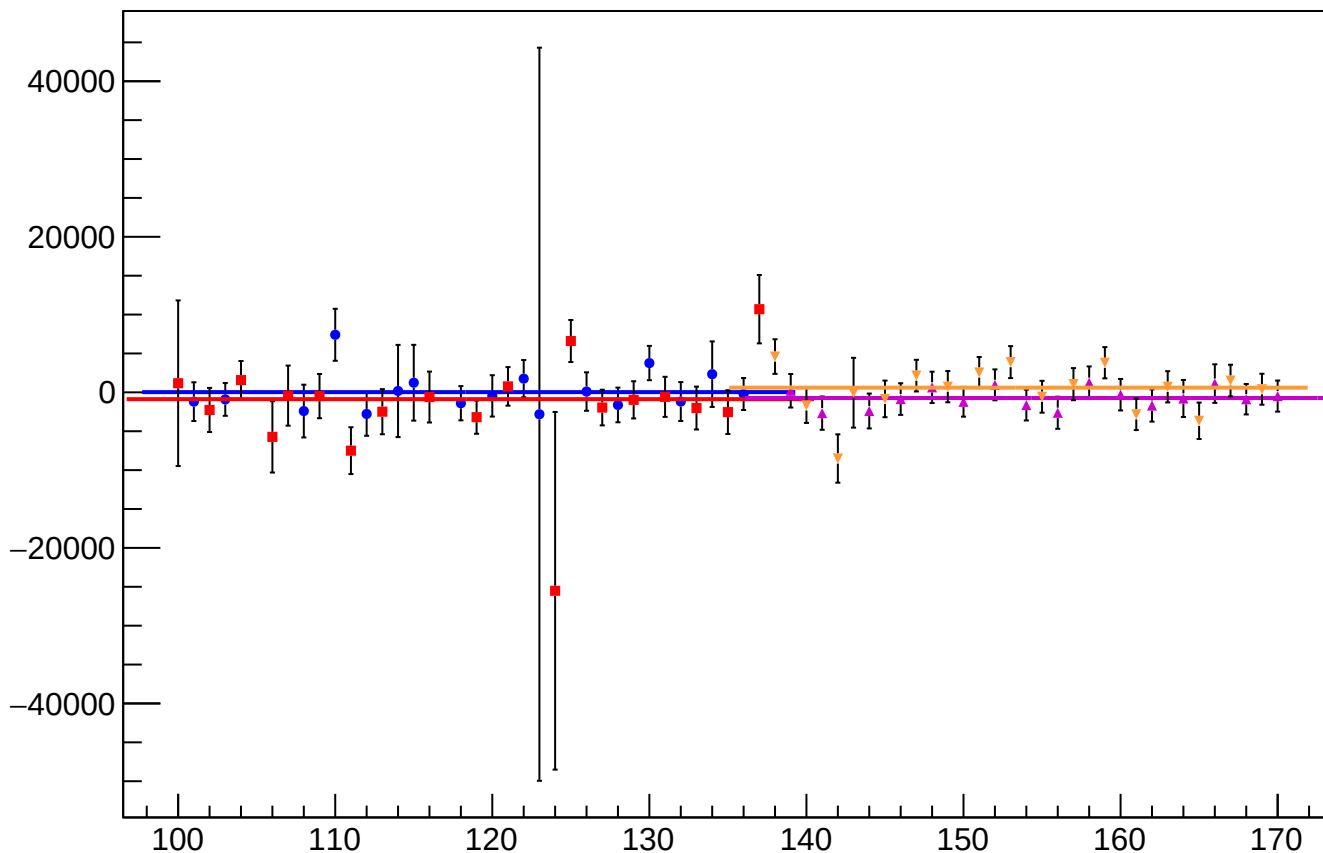
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4128.959 $\pm$ 0.725 χ^2 /NDF: 5852972.3/32

Out: 4047.557 $\pm$ 0.701 χ^2 /NDF: 5822565.6/35

All: 4086.886 $\pm$ 0.504 χ^2 /NDF: 11682058.7/68

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 602.469 $\pm$ 527.170 χ^2 /NDF:26.6/16

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

Left In: -725.745 $\pm$ 520.434 χ^2 /NDF:5.6/15

Left: -70.179 $\pm$ 370.361 χ^2 /NDF: 35.4/32

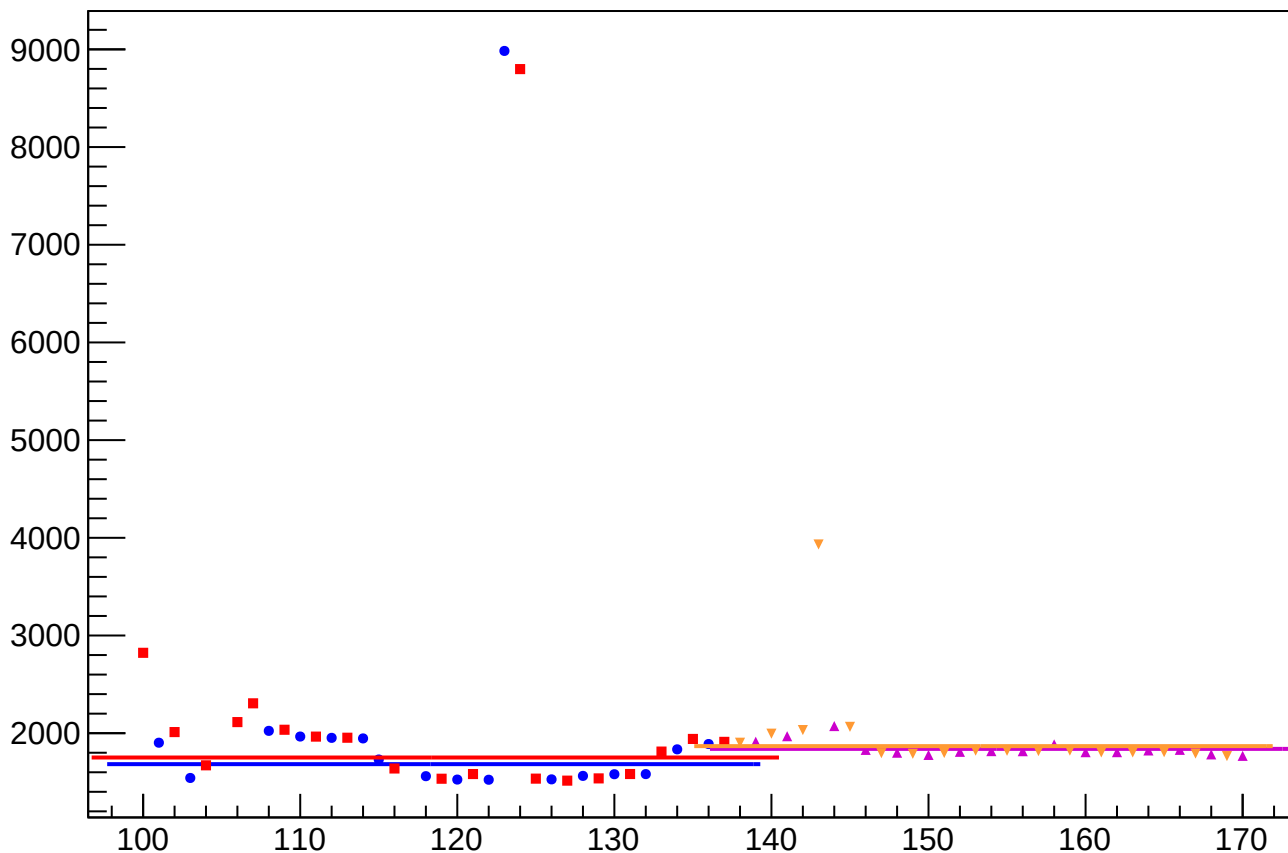
Right: -412.596 $\pm$ 470.731 χ^2 /NDF: 38.4/35

In: -435.474 $\pm$ 408.286 χ^2 /NDF:18.2/32

Out: 41.130 $\pm$ 415.071 χ^2 /NDF:55.3/35

All: -201.099 $\pm$ 291.071 χ^2 /NDF: 74.2/68

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1867.558+/-0.373 χ^2/NDF : 475835.1/16

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

Left In: 1839.431+/-0.368 χ^2/NDF : 41594.2/15

Left: 1853.314+/-0.262 χ^2/NDF : 520312.6/32

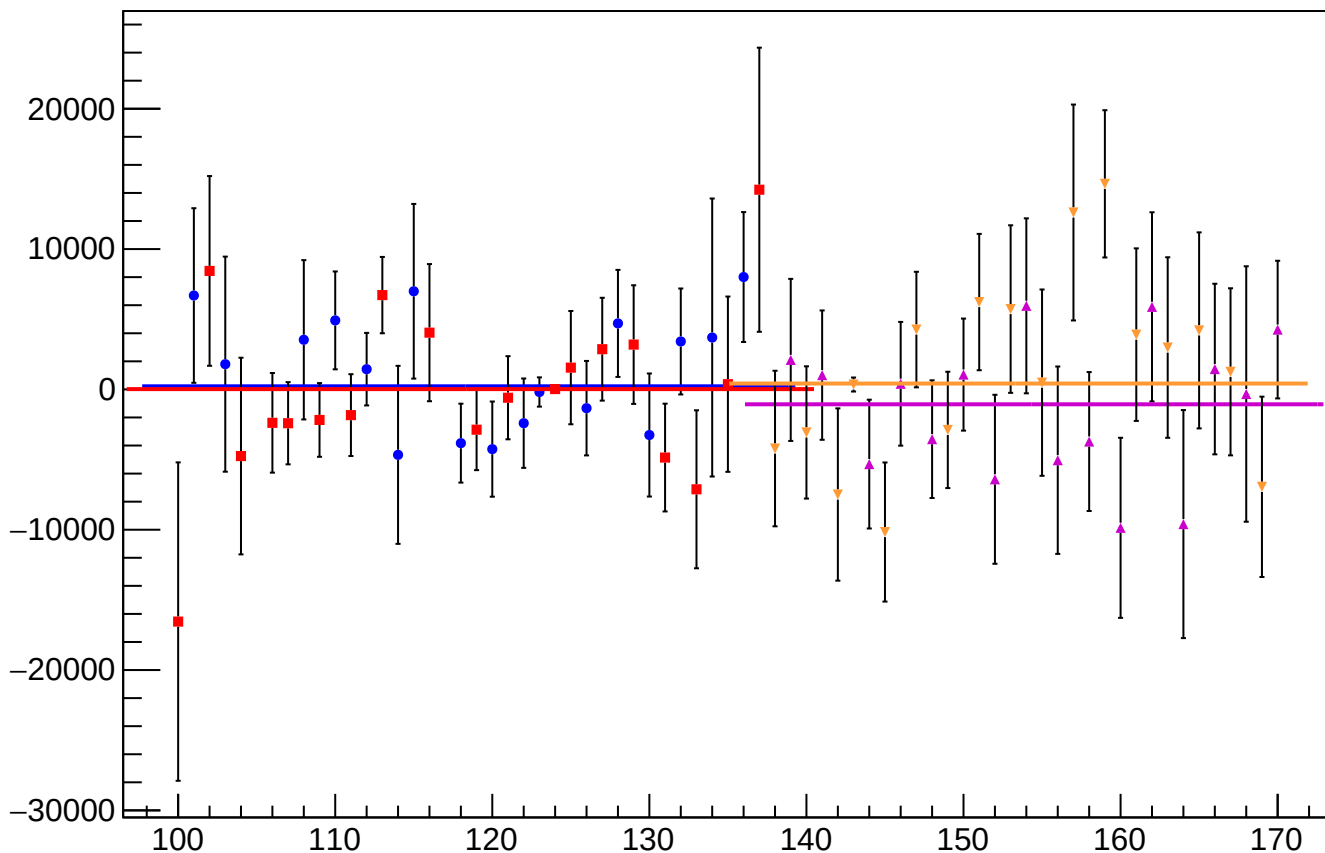
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1779.324+/-0.289 χ^2/NDF : 306826.3/32

Out: 1823.170+/-0.293 χ^2/NDF : 940111.3/35

All: 1800.904+/-0.206 χ^2/NDF : 1258289.4/68

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 417.973 $\pm$ 469.151 χ^2/NDF :23.2/16

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

Left In: -1061.051 $\pm$ 1343.143 χ^2/NDF :10.2/15

Left: 257.146 $\pm$ 442.909 χ^2/NDF : 34.5/32

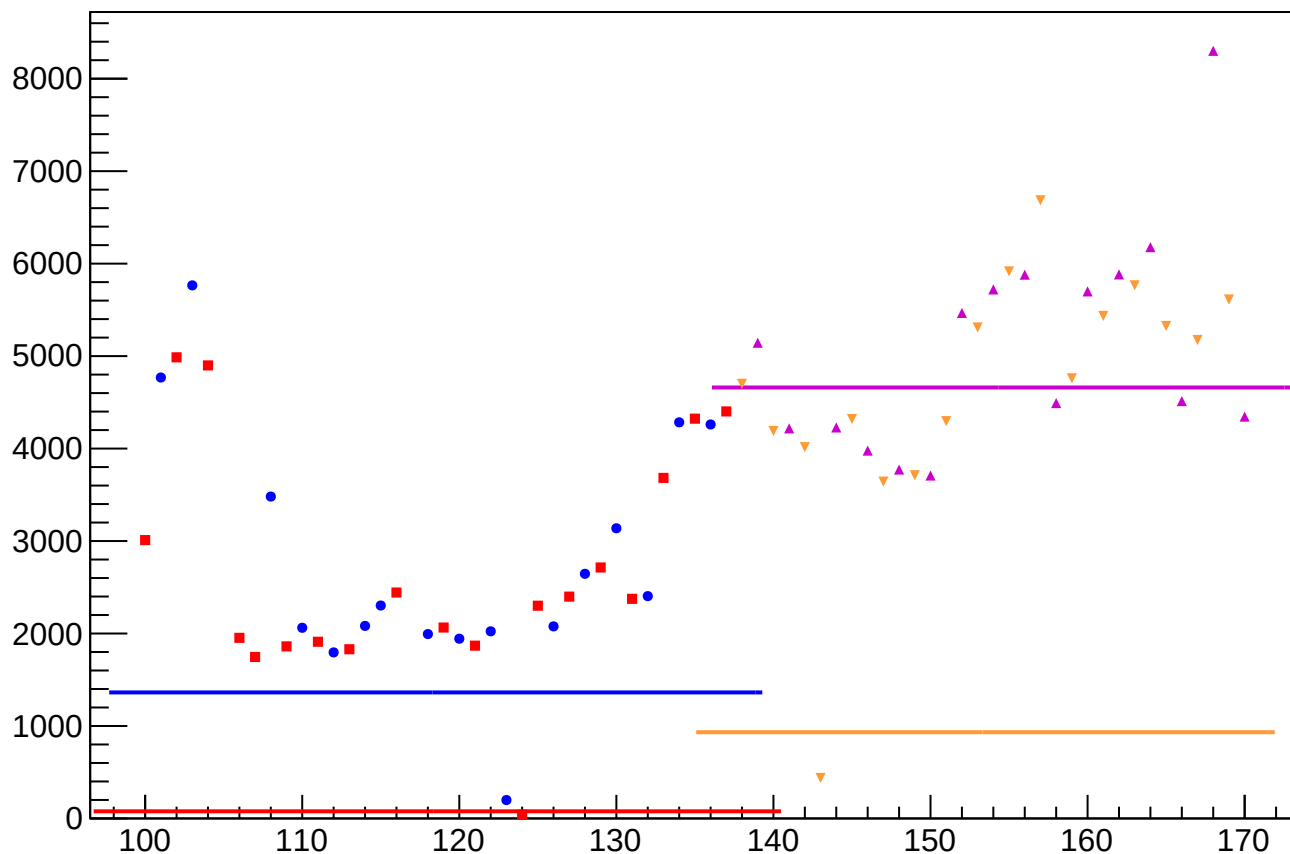
Right: 25.147 $\pm$ 112.726 χ^2/NDF : 36.6/35

In: -66.662 $\pm$ 635.202 χ^2/NDF :26.7/32

Out: 42.489 $\pm$ 110.895 χ^2/NDF :44.6/35

All: 39.261 $\pm$ 109.243 χ^2/NDF : 71.3/68

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 932.506 $\pm$ 0.332 χ^2 /NDF: 17456888.7/16

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

Left In: 4660.491 $\pm$ 0.950 χ^2 /NDF: 981765.7/15

Left: 1337.883 $\pm$ 0.313 χ^2 /NDF: 32170806.8/32

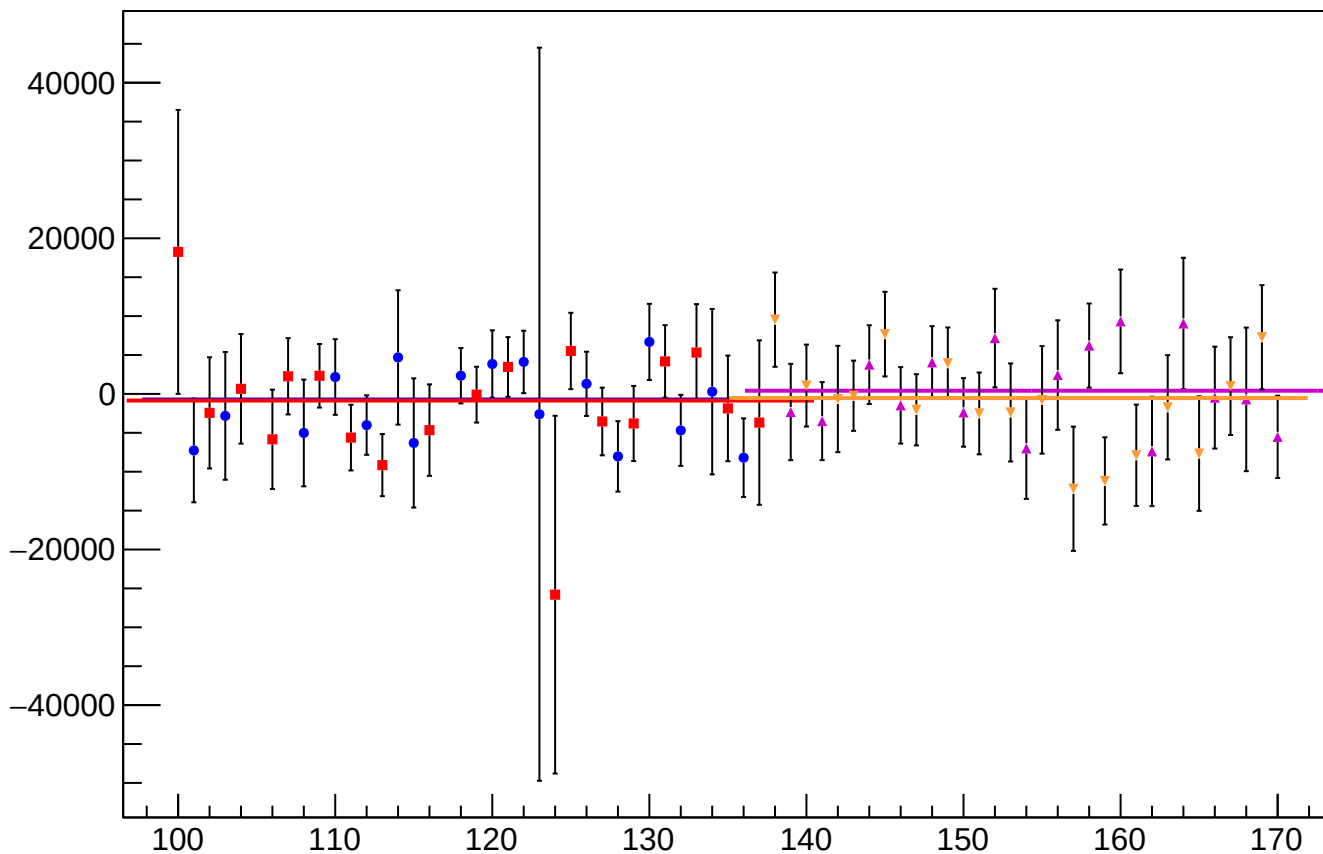
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2100.377 $\pm$ 0.449 χ^2 /NDF: 16577033.0/32

Out: 124.921 $\pm$ 0.078 χ^2 /NDF: 36981922.2/35

All: 183.351 $\pm$ 0.077 χ^2 /NDF: 72330603.3/68

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -534.159+/-1408.200 χ^2/NDF : 15.8/16

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

Left In: 409.923+/-1451.251 χ^2/NDF : 11.4/15

Left: -76.329+/-1010.625 χ^2/NDF : 27.5/32

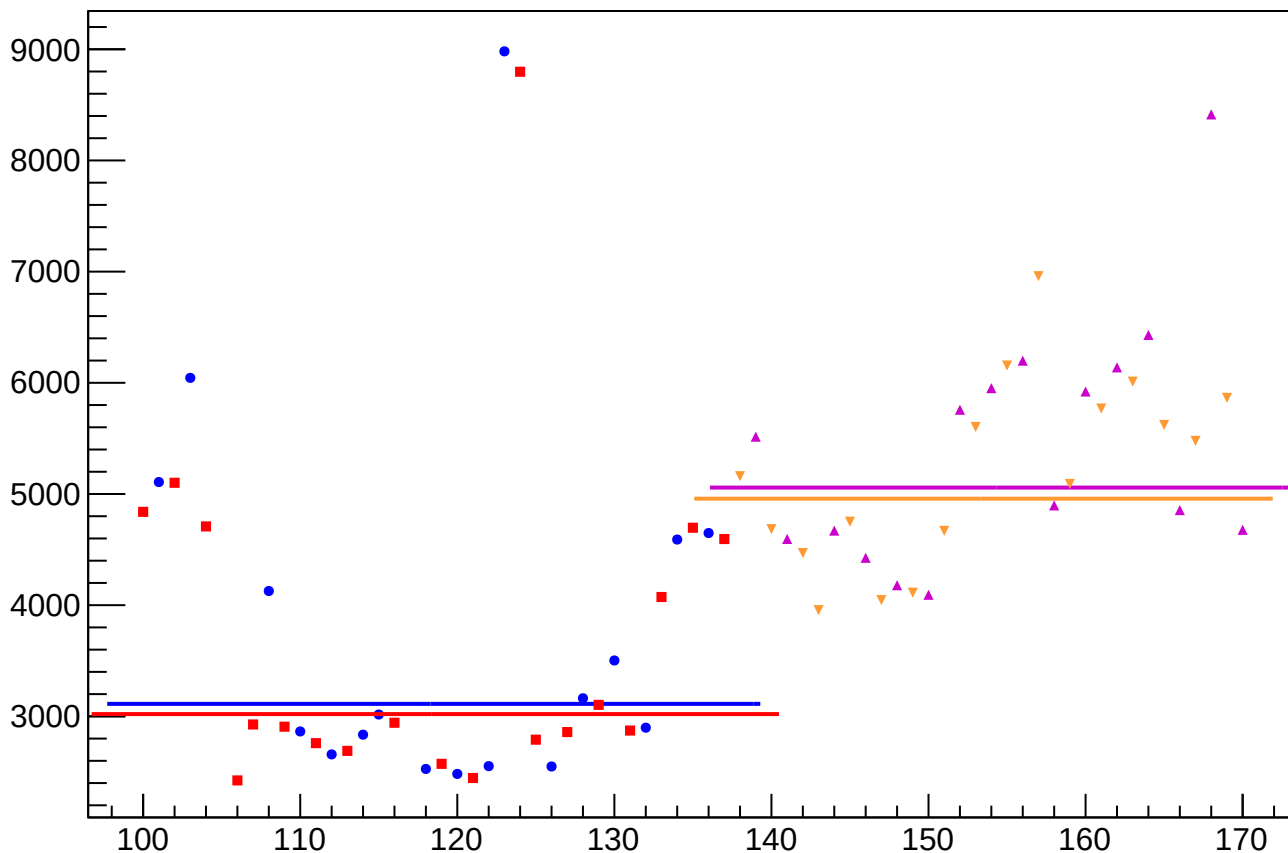
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -238.494+/-948.205 χ^2/NDF : 26.5/32

Out: -718.082+/-909.773 χ^2/NDF : 31.9/35

All: -488.204+/-656.473 χ^2/NDF : 58.5/68

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4957.812 $\pm$ 0.996 χ^2/NDF : 627246.7/16

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

Left In: 5057.680 $\pm$ 1.026 χ^2/NDF : 767308.4/15

Left: 5006.243 $\pm$ 0.715 χ^2/NDF : 1399433.3/32

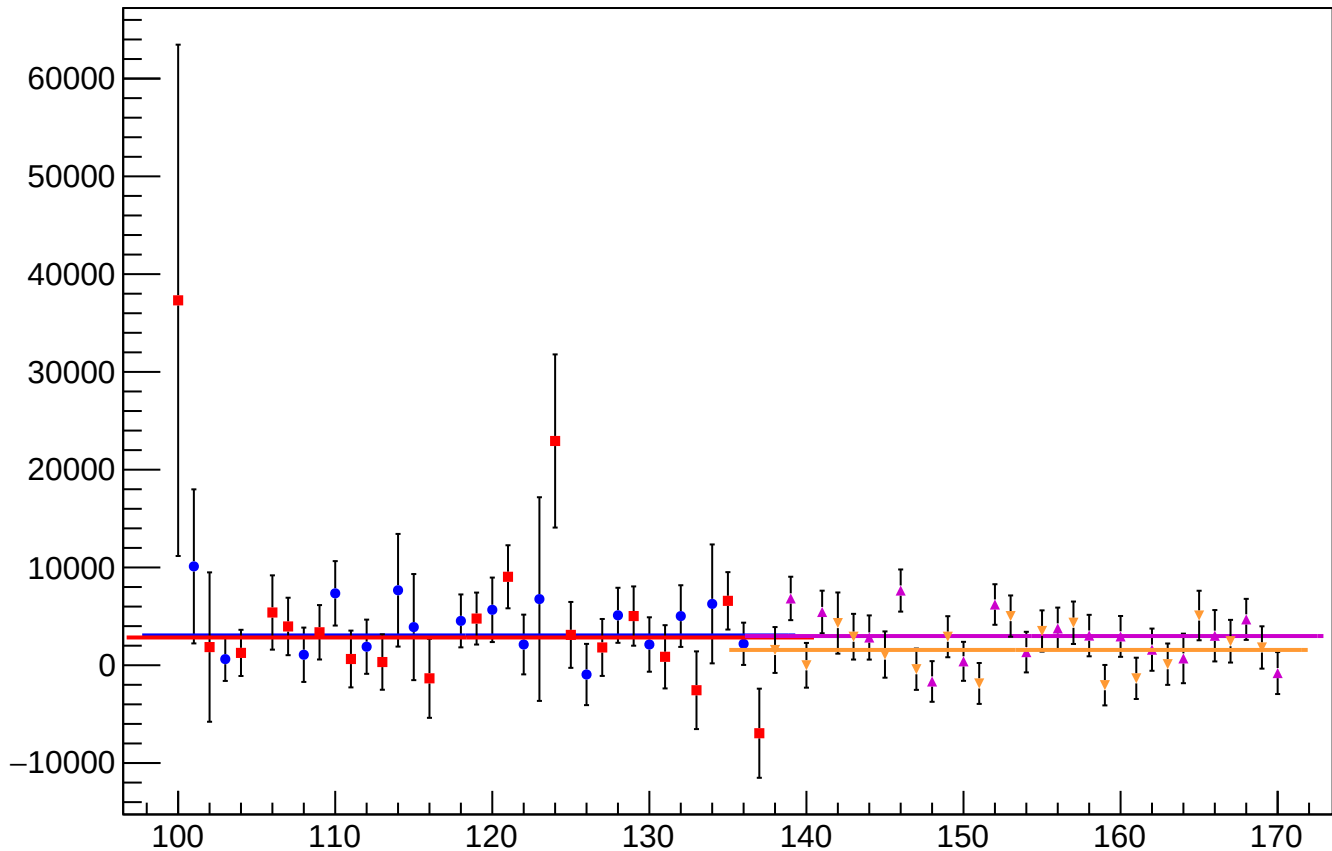
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3942.726 $\pm$ 0.670 χ^2/NDF : 3785589.8/32

Out: 3817.227 $\pm$ 0.639 χ^2/NDF : 3650202.8/35

All: 3876.921 $\pm$ 0.462 χ^2/NDF : 7454163.1/68

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1565.376 $\pm$ 539.268 χ^2/NDF : 18.3/16

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

Left In: 2986.386 $\pm$ 541.997 χ^2/NDF : 23.8/15

Left: 2272.293 $\pm$ 382.281 χ^2/NDF : 45.5/32

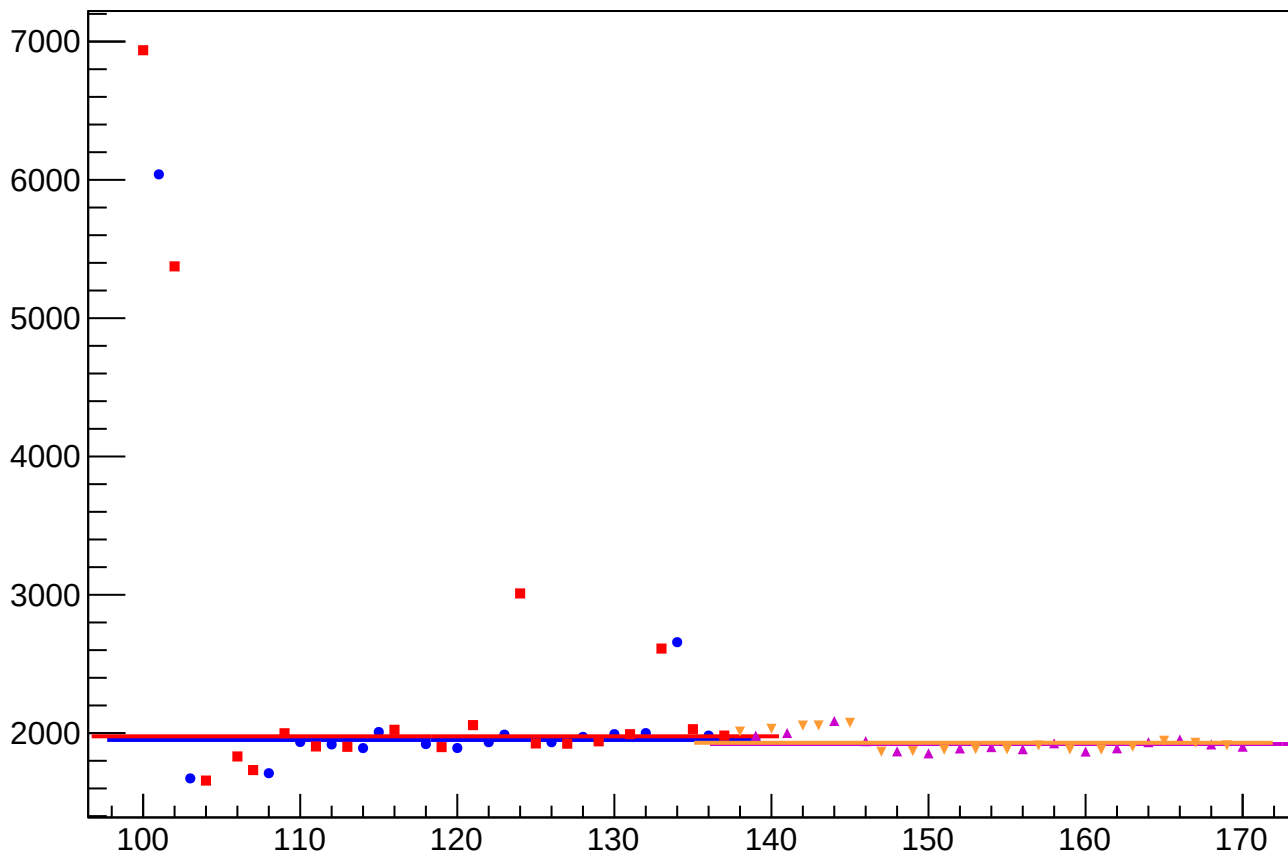
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3007.074 $\pm$ 443.651 χ^2/NDF : 33.1/32

Out: 1987.427 $\pm$ 440.932 χ^2/NDF : 43.9/35

All: 2494.117 $\pm$ 312.743 χ^2/NDF : 79.7/68

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.174 $\pm$ 0.381 χ^2 /NDF:32244.6/16

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

Left In: 1921.291 $\pm$ 0.383 χ^2 /NDF:22467.3/15

Left: 1925.755 $\pm$ 0.270 χ^2 /NDF: 54981.9/32

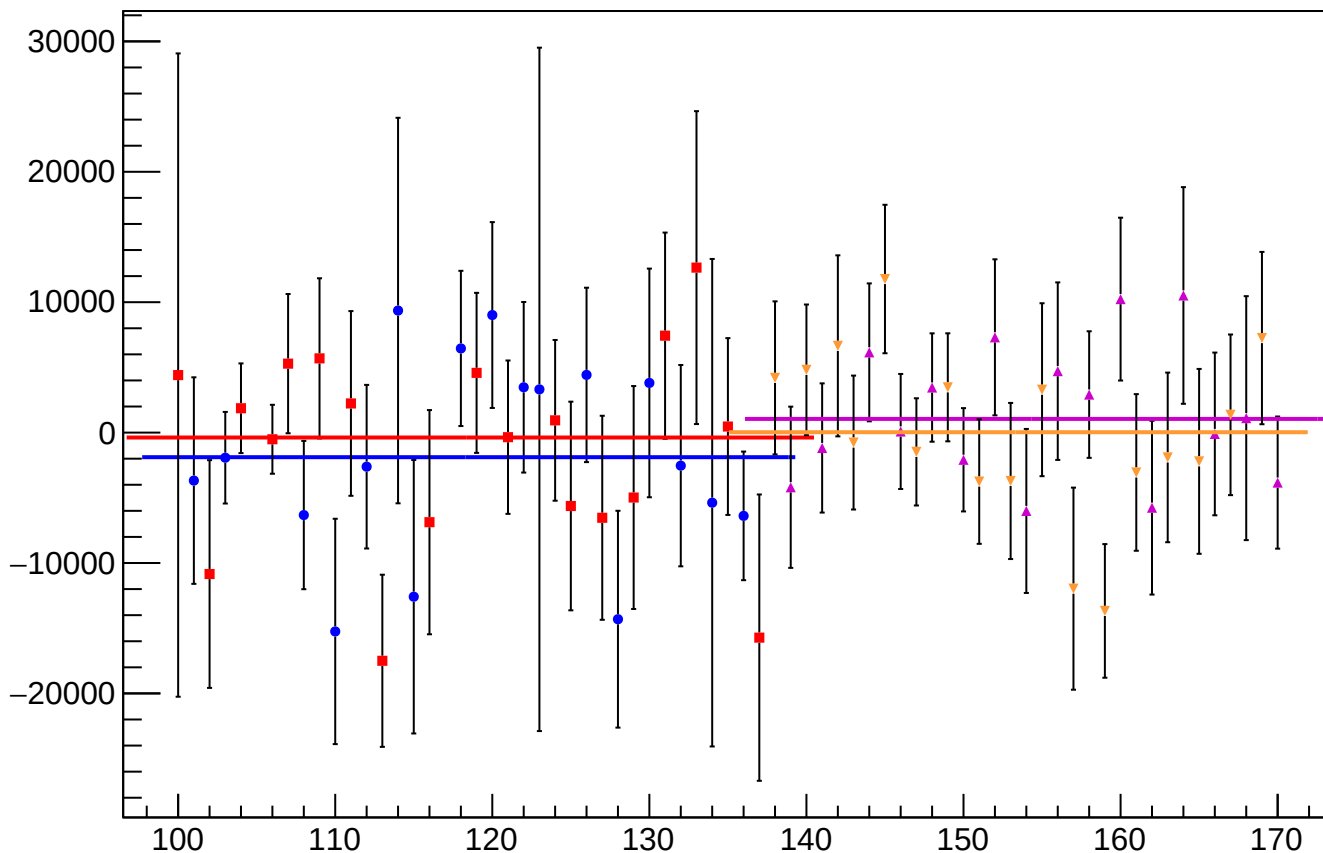
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1930.993 $\pm$ 0.314 χ^2 /NDF:639574.5/32

Out: 1945.700 $\pm$ 0.312 χ^2 /NDF:644948.9/35

All: 1938.393 $\pm$ 0.221 χ^2 /NDF: 1285629.4/68

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 29.089+/-1353.688 χ^2/NDF : 19.9/16

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

Left In: 1049.080+/-1371.371 χ^2/NDF : 11.1/15

Left: 532.466+/-963.393 χ^2/NDF : 31.3/32

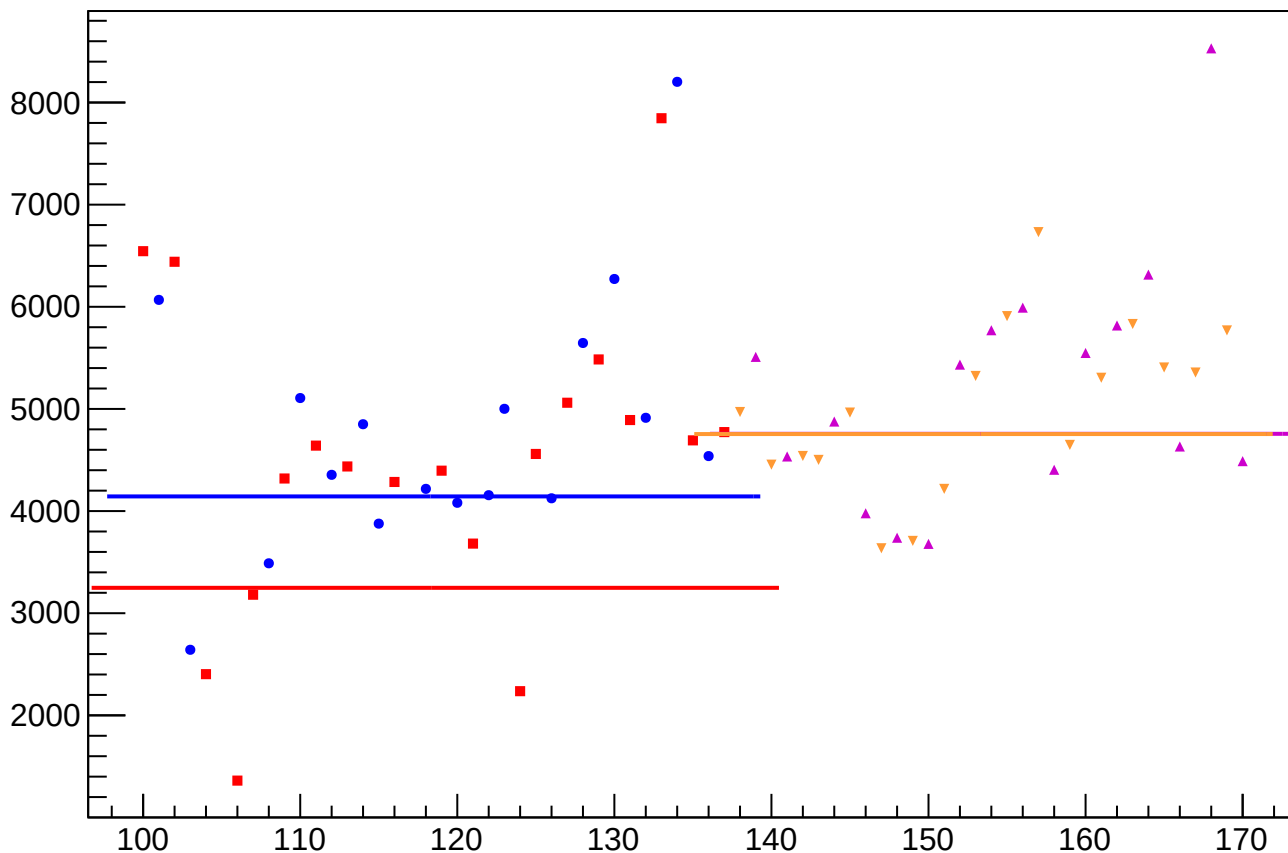
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -142.944+/-1056.731 χ^2/NDF : 27.1/32

Out: -172.999+/-959.291 χ^2/NDF : 37.6/35

All: -159.421+/-710.277 χ^2/NDF : 64.7/68

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4754.035+/-0.957 χ^2/NDF : 684875.9/16

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

Left In: 4756.392+/-0.970 χ^2/NDF : 1004051.7/15

Left: 4755.198+/-0.681 χ^2/NDF : 1688930.6/32

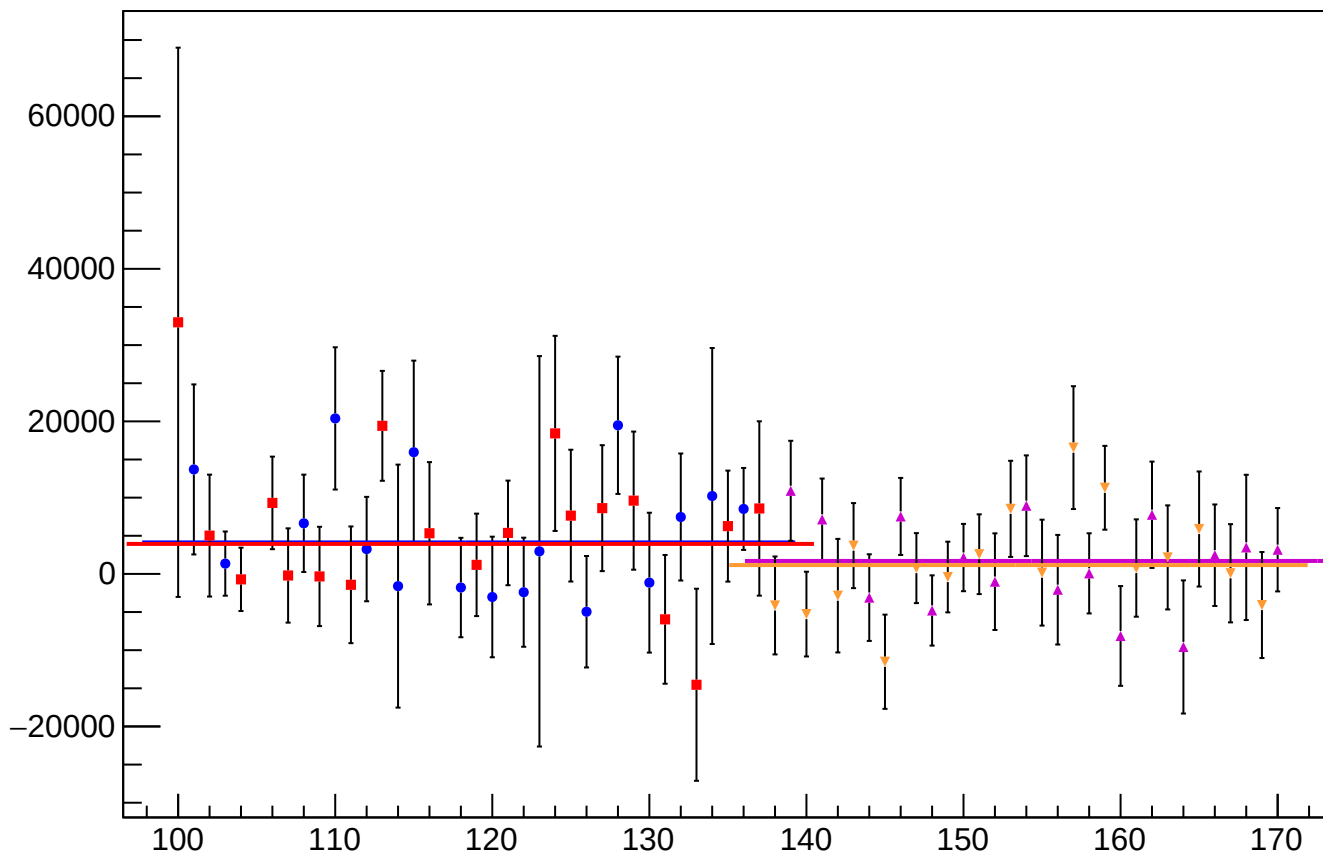
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4507.408+/-0.747 χ^2/NDF : 2022313.3/32

Out: 4004.623+/-0.678 χ^2/NDF : 4533955.1/35

All: 4231.771+/-0.502 χ^2/NDF : 6804479.9/68

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1158.232+/-1463.951 χ^2/NDF : 16.4/16

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

Left In: 1698.306+/-1483.404 χ^2/NDF : 13.6/15

Left: 1424.705+/-1041.979 χ^2/NDF : 30.1/32

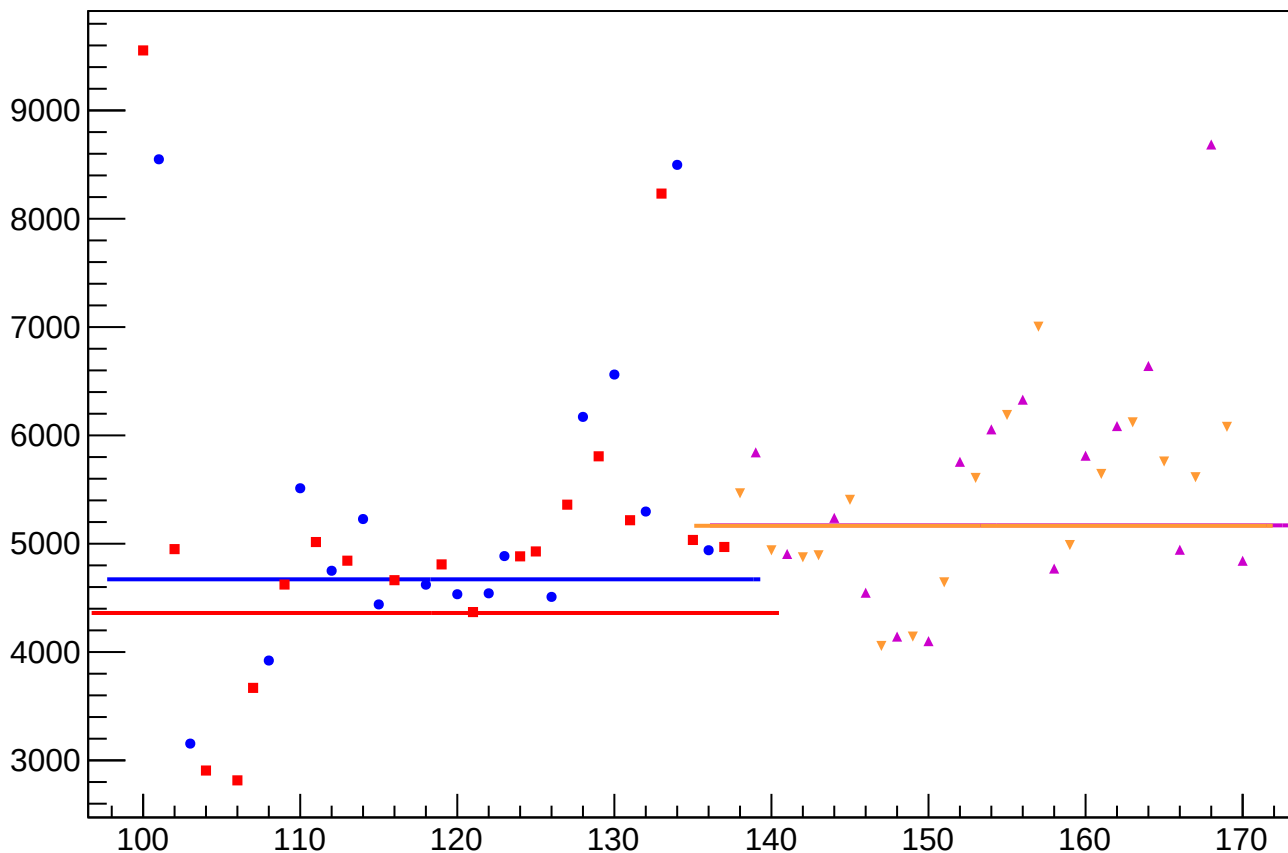
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 2640.476+/-1160.482 χ^2/NDF : 28.3/32

Out: 2319.739+/-1116.311 χ^2/NDF : 32.8/35

All: 2473.887+/-804.513 χ^2/NDF : 61.2/68

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5165.531+/-1.035 χ^2/NDF : 519399.7/16

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

Left In: 5169.390+/-1.049 χ^2/NDF : 783086.9/15

Left: 5167.435+/-0.737 χ^2/NDF : 1302493.5/32

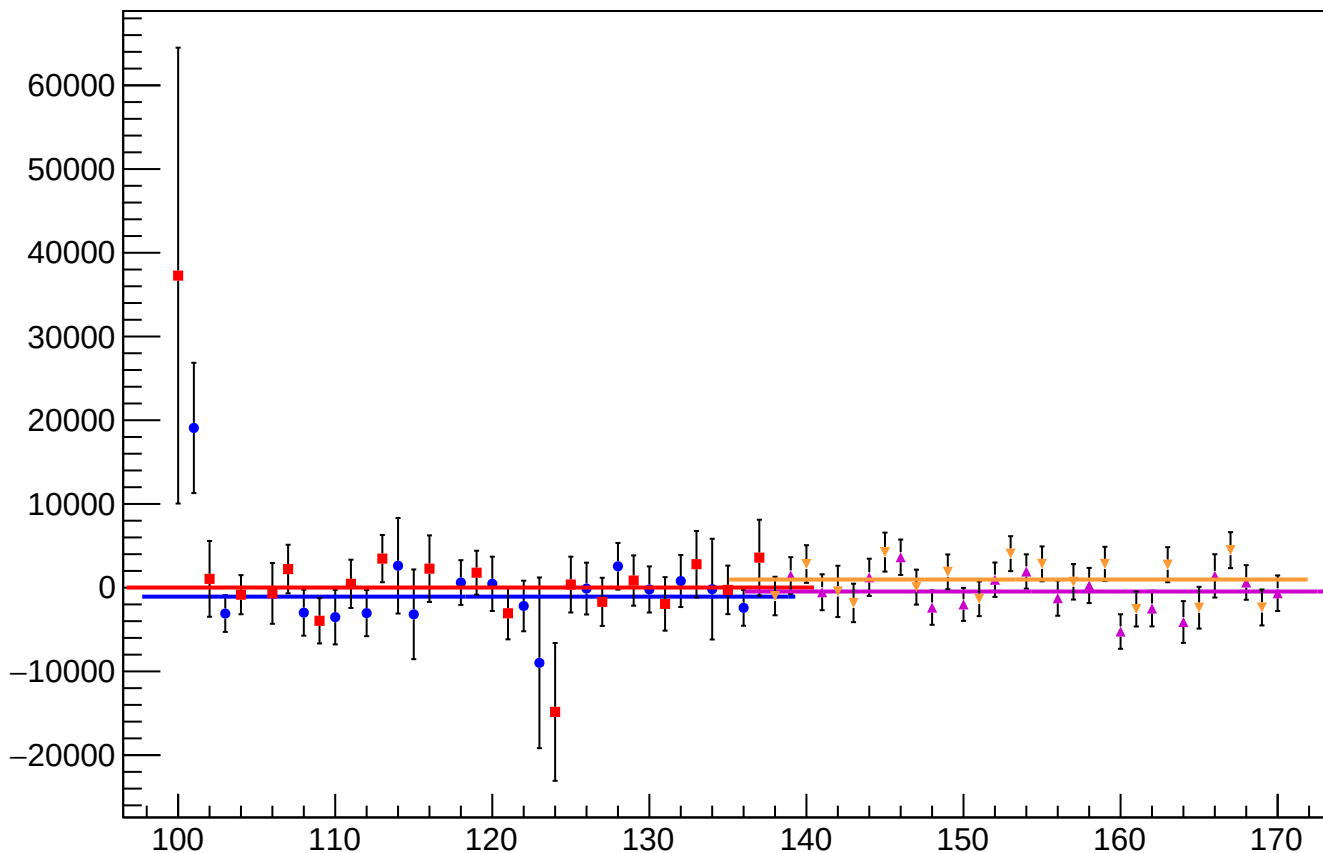
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4976.143+/-0.821 χ^2/NDF : 1656680.1/32

Out: 4826.332+/-0.787 χ^2/NDF : 1608339.4/35

All: 4898.150+/-0.568 χ^2/NDF : 3282371.6/68

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 973.201+/-531.706 χ^2/NDF : 21.0/16

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

Left In: -456.083+/-534.847 χ^2/NDF : 17.9/15

Left: 262.767+/-377.078 χ^2/NDF : 42.5/32

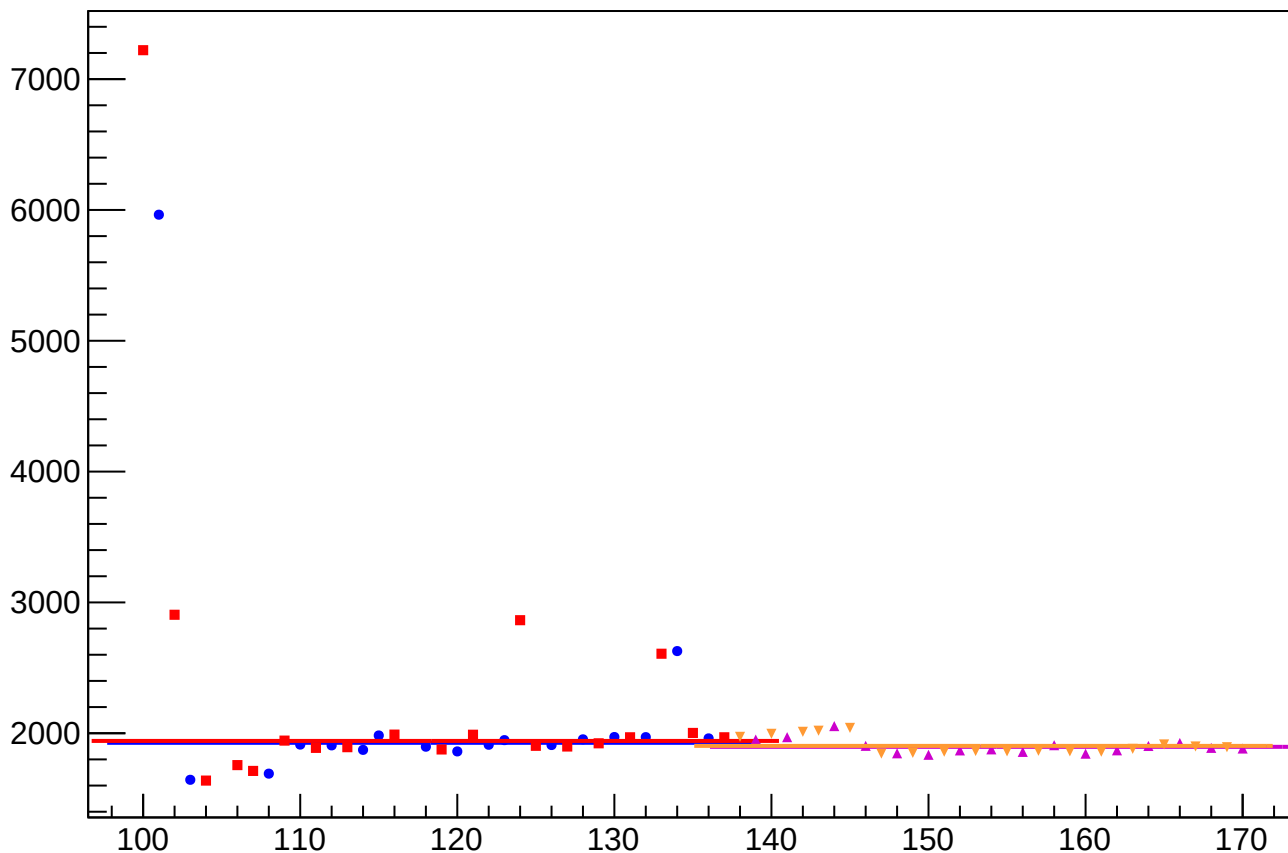
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -658.778+/-437.956 χ^2/NDF : 32.0/32

Out: 652.865+/-433.336 χ^2/NDF : 35.4/35

All: 3.999+/-308.035 χ^2/NDF : 72.0/68

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.342+/-0.376 χ^2/NDF : 27827.1/16

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

Left In: 1896.098+/-0.378 χ^2/NDF : 20161.6/15

Left: 1899.741+/-0.267 χ^2/NDF : 48173.3/32

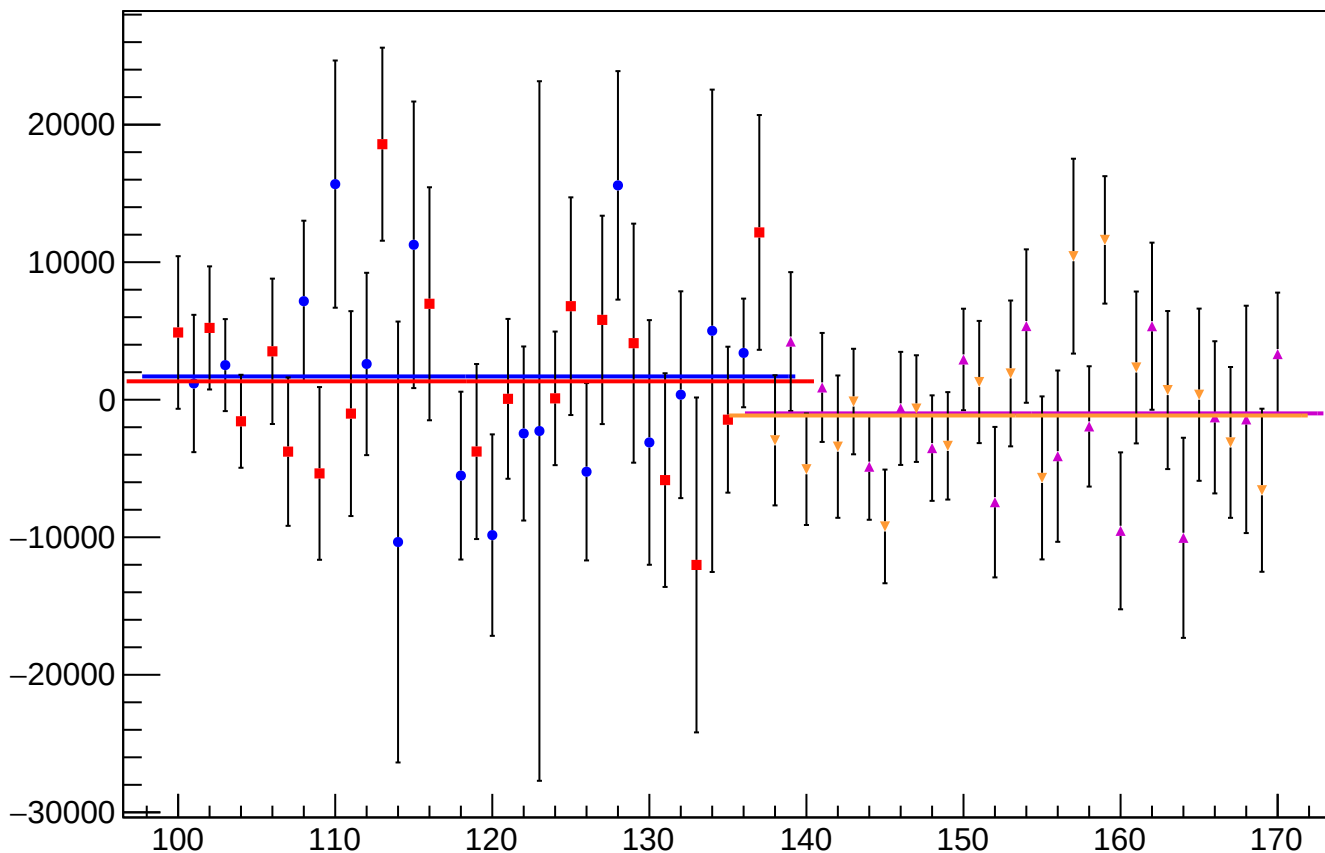
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1906.244+/-0.310 χ^2/NDF : 639462.1/32

Out: 1916.087+/-0.306 χ^2/NDF : 335613.5/35

All: 1911.219+/-0.218 χ^2/NDF : 975586.3/68

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1145.858 $\pm$ 1168.075 χ^2/NDF : 18.5/16

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

Left In: -993.332 $\pm$ 1205.393 χ^2/NDF : 12.7/15

Left: -1071.993 $\pm$ 838.837 χ^2/NDF : 31.2/32

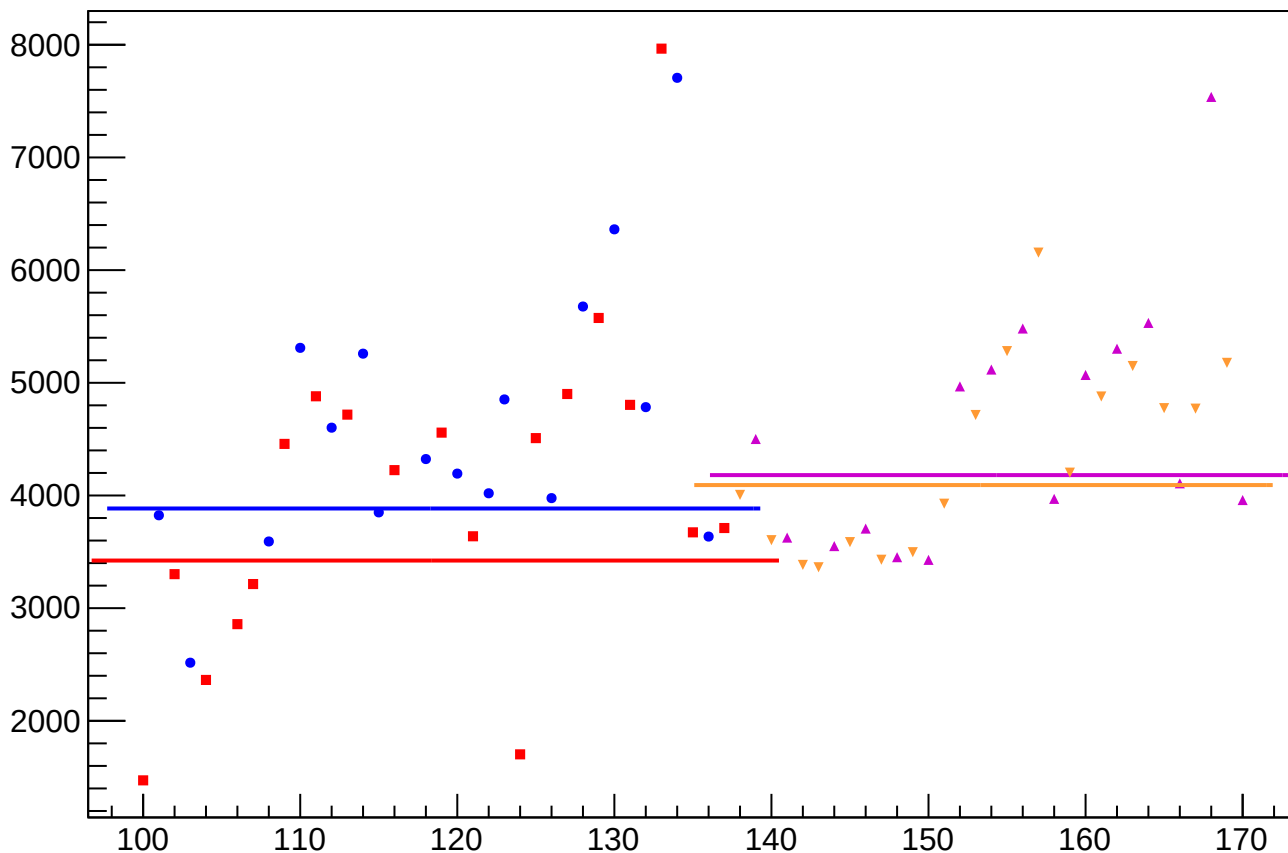
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 17.823 $\pm$ 951.977 χ^2/NDF : 28.2/32

Out: -99.345 $\pm$ 888.585 χ^2/NDF : 36.7/35

All: -44.792 $\pm$ 649.580 χ^2/NDF : 64.9/68

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4092.469 $\pm$ 0.826 χ^2 /NDF: 785509.6/16

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

Left In: 4180.909 $\pm$ 0.852 χ^2 /NDF: 992794.0/15

Left: 4135.299 $\pm$ 0.593 χ^2 /NDF: 1783856.1/32

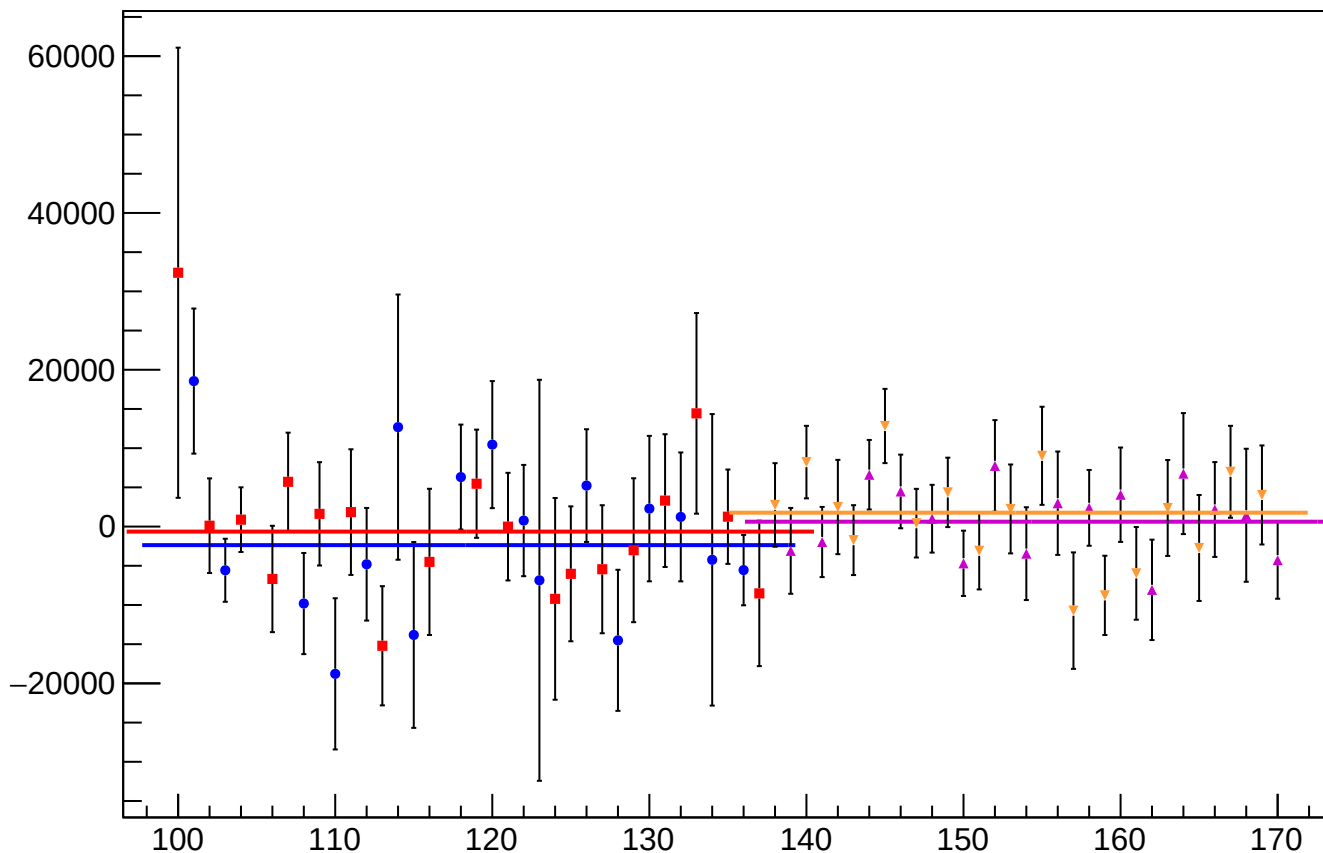
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4069.417 $\pm$ 0.673 χ^2 /NDF: 1864831.2/32

Out: 3810.267 $\pm$ 0.628 χ^2 /NDF: 2652895.1/35

All: 3930.928 $\pm$ 0.459 χ^2 /NDF: 4596930.3/68

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1772.981 $\pm$ 1297.081 χ^2 /NDF:21.1/16

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

Left In: 621.220 $\pm$ 1329.482 χ^2 /NDF:11.0/15

Left: 1211.307 $\pm$ 928.418 χ^2 /NDF: 32.5/32

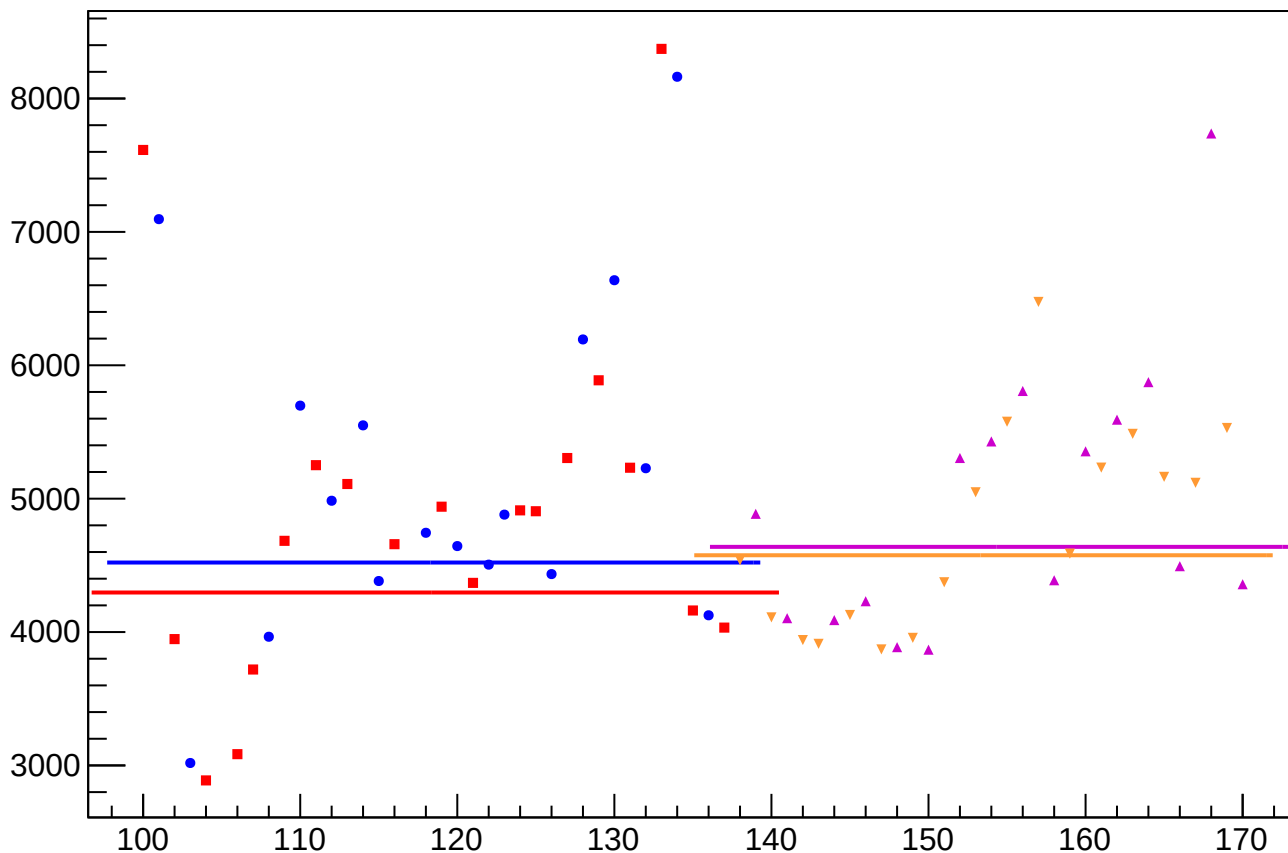
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -432.256 $\pm$ 1069.815 χ^2 /NDF:32.9/32

Out: 878.265 $\pm$ 1028.993 χ^2 /NDF:34.2/35

All: 248.485 $\pm$ 741.620 χ^2 /NDF: 67.9/68

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4575.764 $\pm$ 0.917 χ^2/NDF : 542401.3/16

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

Left In: 4638.721 $\pm$ 0.940 χ^2/NDF : 735979.9/15

Left: 4606.466 $\pm$ 0.656 χ^2/NDF : 1280679.0/32

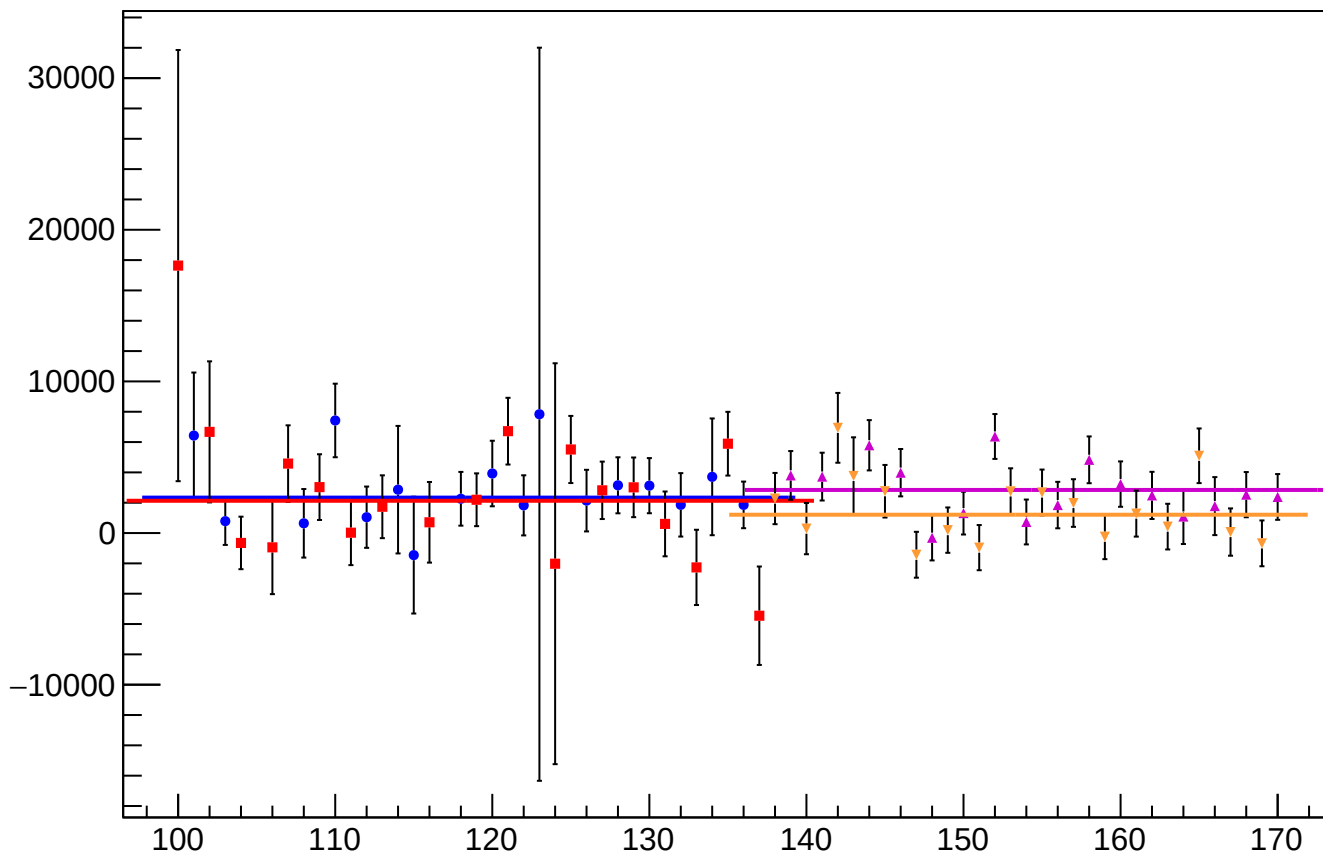
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4597.307 $\pm$ 0.756 χ^2/NDF : 1520160.6/32

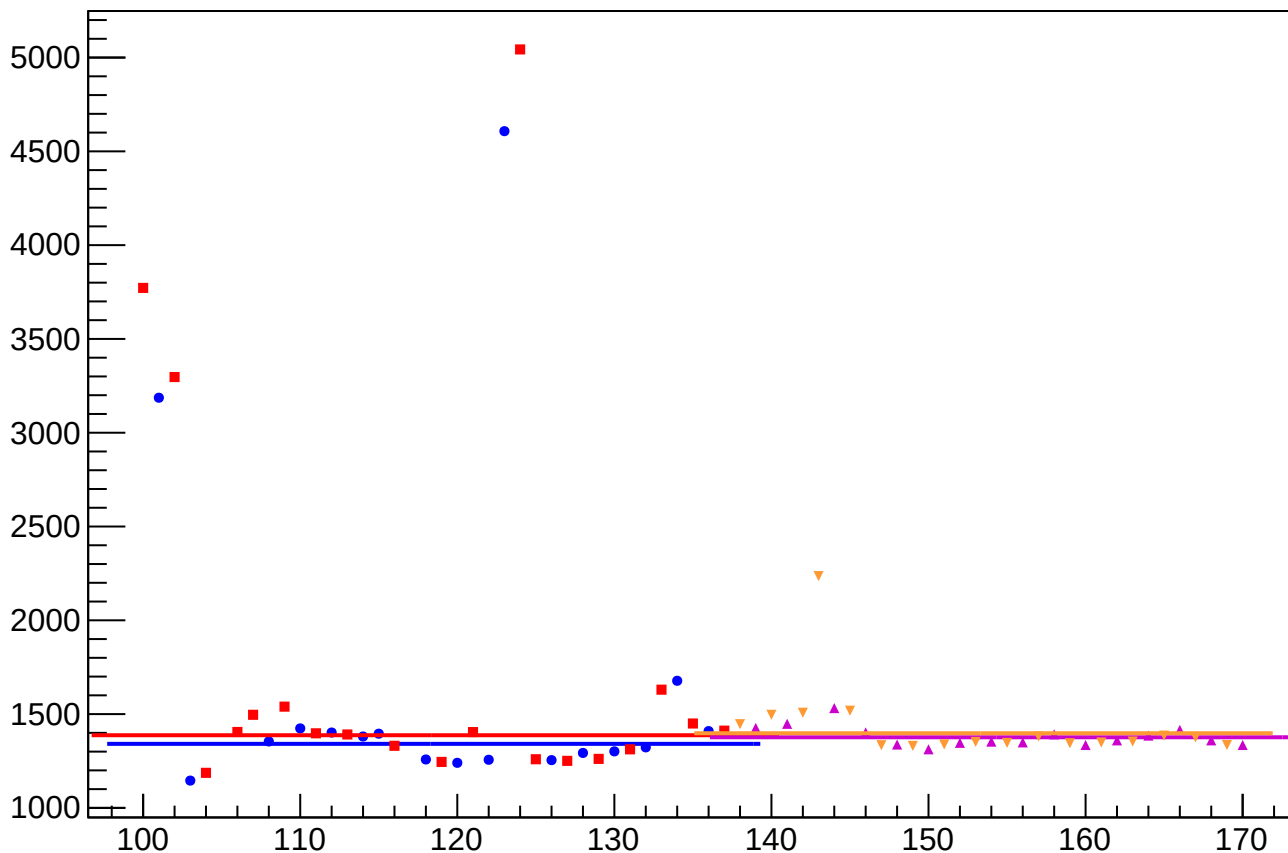
Out: 4471.522 $\pm$ 0.726 χ^2/NDF : 1350220.0/35

All: 4531.839 $\pm$ 0.524 χ^2/NDF : 2884771.1/68

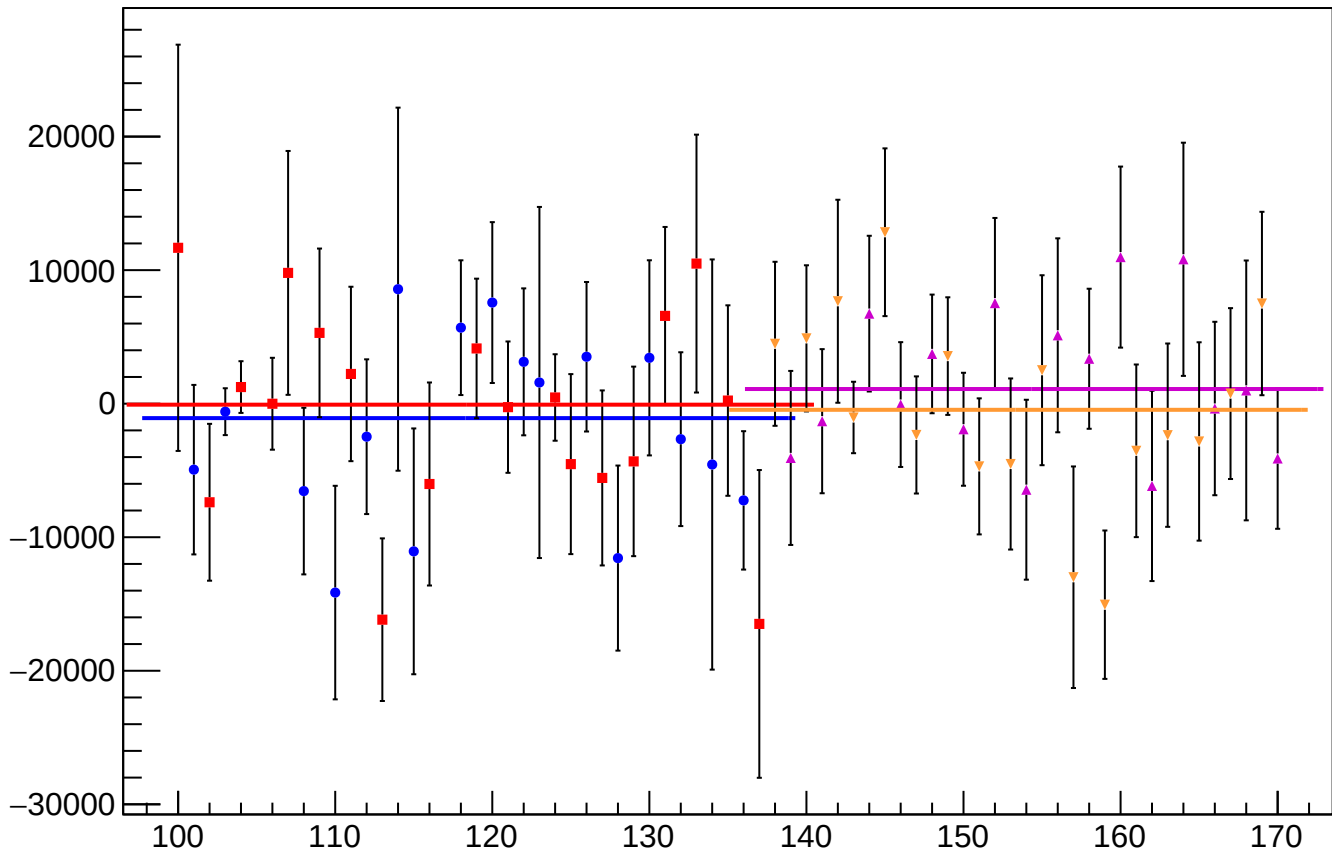
dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -458.935 $\pm$ 1308.057 χ^2 /NDF:20.5/16

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

Left In: 1098.229 $\pm$ 1464.035 χ^2 /NDF:10.9/15

Left: 232.306 $\pm$ 975.437 χ^2 /NDF: 32.0/32

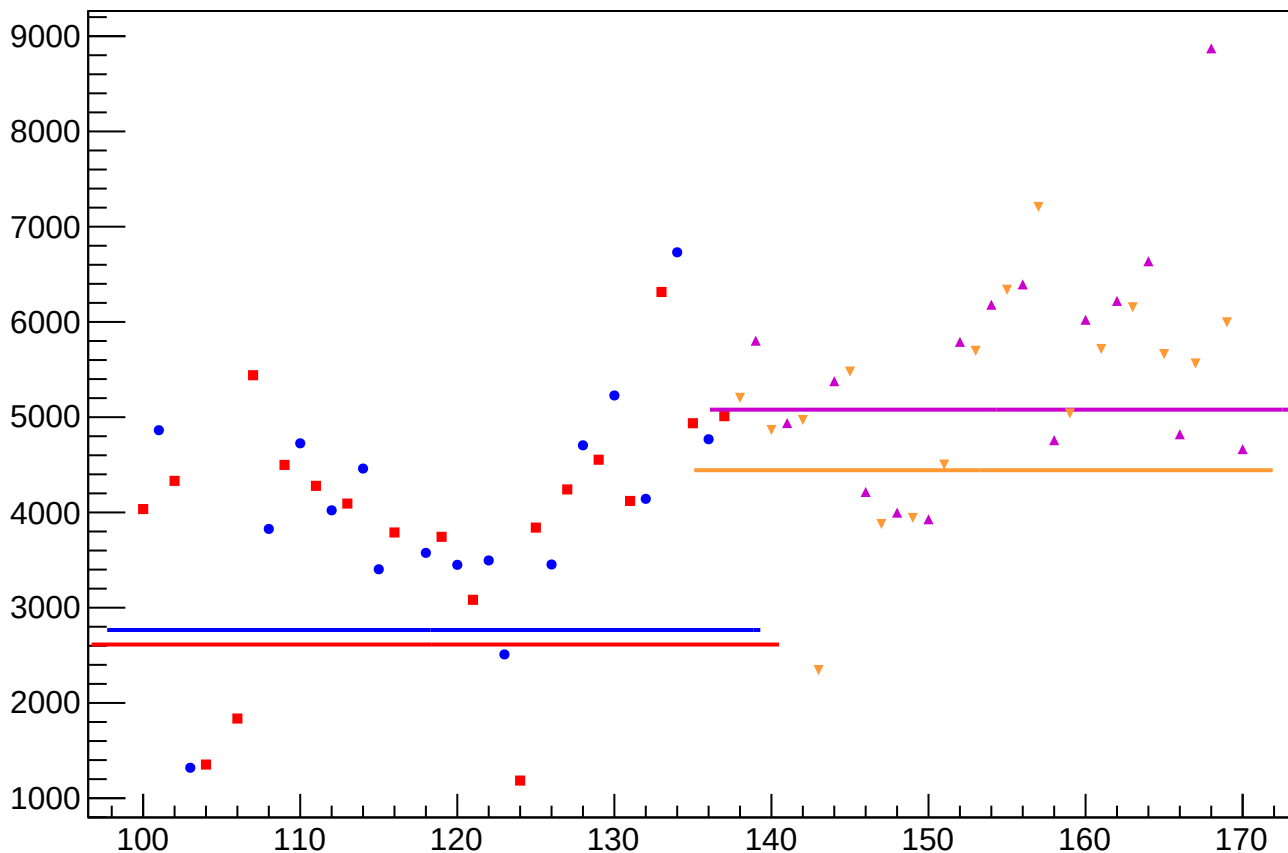
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -194.517 $\pm$ 933.772 χ^2 /NDF:27.2/32

Out: -237.924 $\pm$ 853.466 χ^2 /NDF:39.2/35

All: -218.167 $\pm$ 629.973 χ^2 /NDF: 66.4/68

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4443.384 $\pm$ 0.925 χ^2 /NDF: 2279227.9/16

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

Left In: 5078.997 $\pm$ 1.035 χ^2 /NDF: 990970.4/15

Left: 4725.539 $\pm$ 0.690 χ^2 /NDF: 3479830.4/32

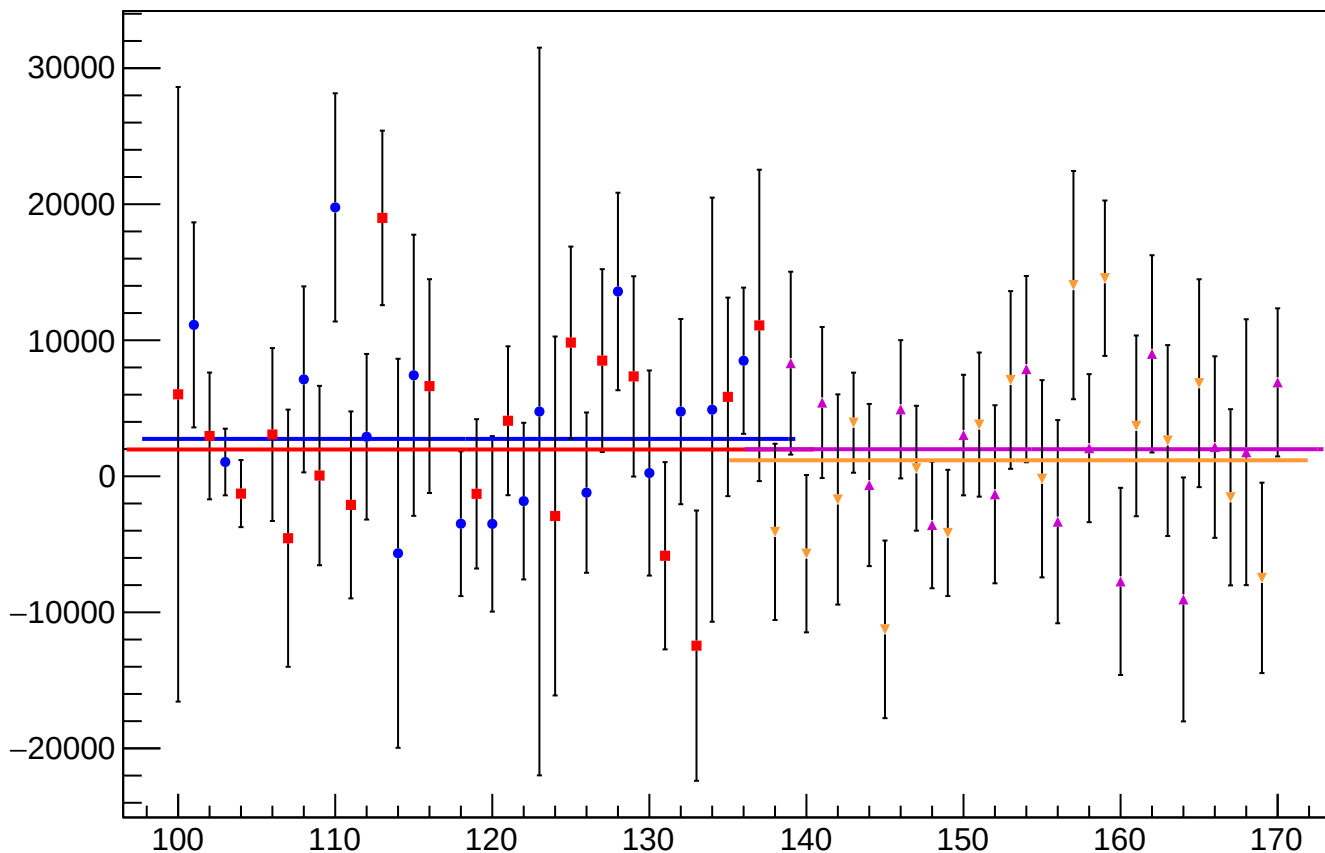
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3706.767 $\pm$ 0.660 χ^2 /NDF: 6892012.1/32

Out: 3392.434 $\pm$ 0.603 χ^2 /NDF: 7867235.7/35

All: 3535.505 $\pm$ 0.445 χ^2 /NDF: 14882728.4/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1176.253+/-1430.013 χ^2/NDF :19.1/16

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

Left In: 1989.997+/-1517.585 χ^2/NDF :10.1/15

Left: 1558.970+/-1040.754 χ^2/NDF : 29.3/32

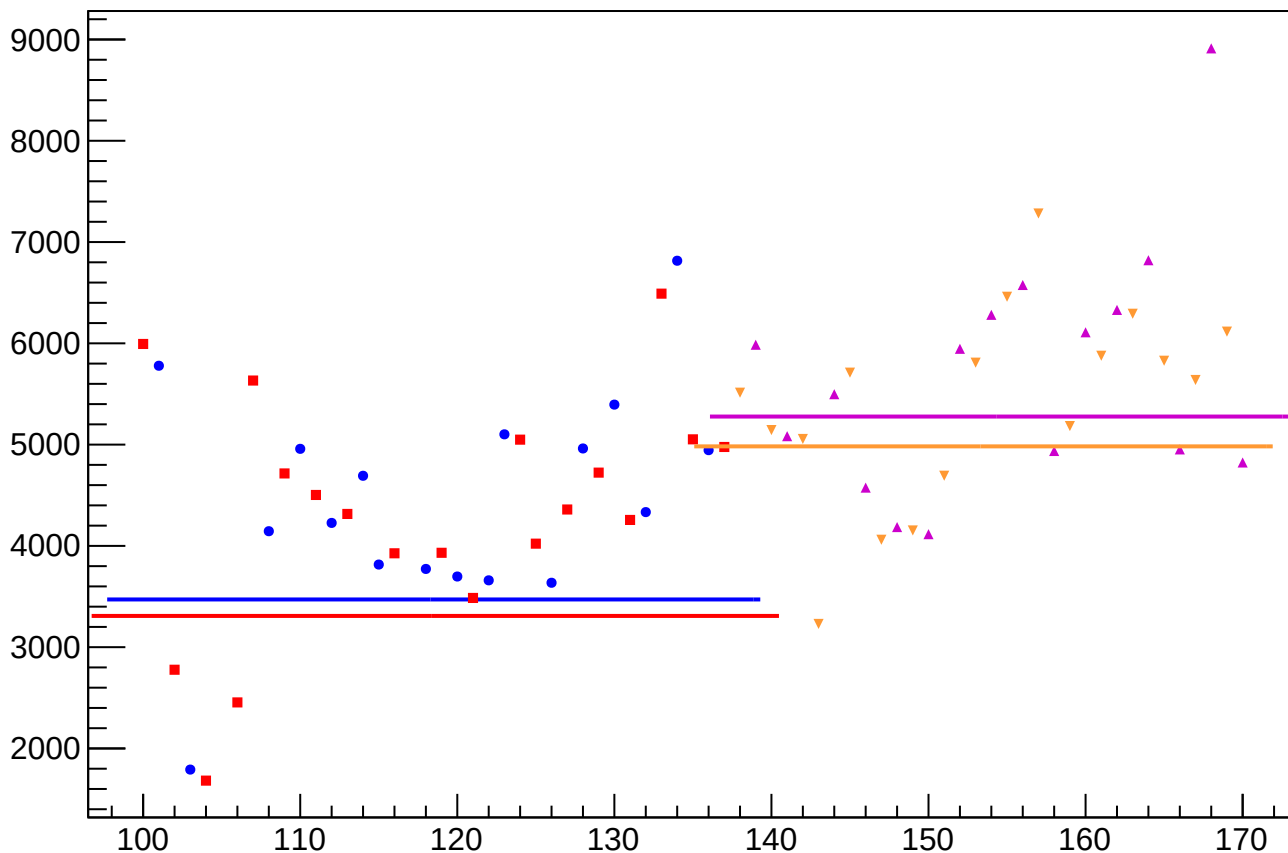
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2387.277+/-1047.111 χ^2/NDF :24.0/32

Out: 1587.356+/-993.654 χ^2/NDF :37.1/35

All: 1966.377+/-720.777 χ^2/NDF : 61.4/68

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: 4982.649+/-1.011 χ^2/NDF : 1115794.1/16

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

Left In: 5277.121+/-1.073 χ^2/NDF : 871284.4/15

Left: 5121.144+/-0.736 χ^2/NDF : 2026965.1/32

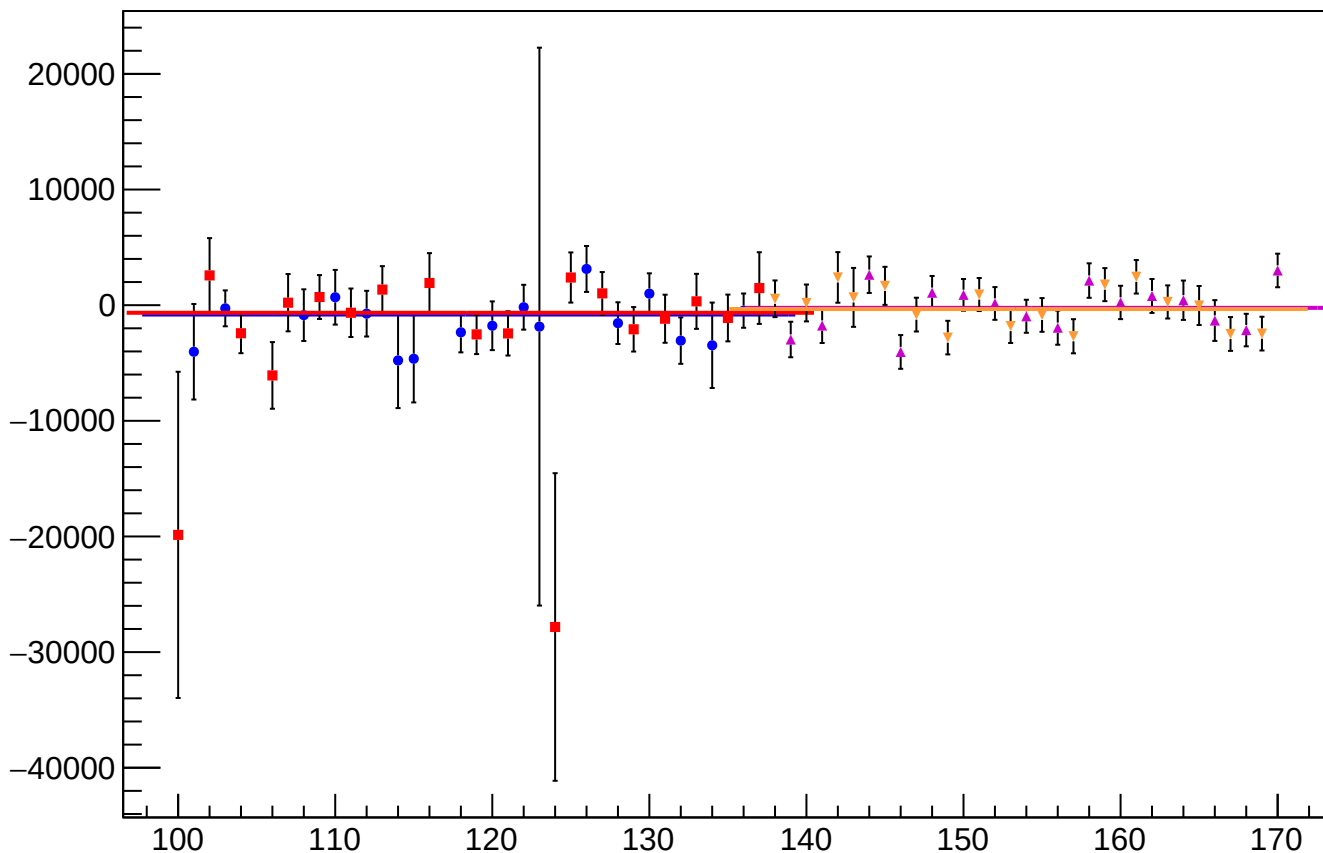
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4330.915+/-0.740 χ^2/NDF : 4123126.6/32

Out: 4109.178+/-0.699 χ^2/NDF : 4460316.5/35

All: 4213.717+/-0.508 χ^2/NDF : 8630847.5/68

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -333.212 $\pm$ 375.474 χ^2 /NDF:21.5/16

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

Left In: -230.608 $\pm$ 371.676 χ^2 /NDF:28.0/15

Left: -281.388 $\pm$ 264.147 χ^2 /NDF: 49.5/32

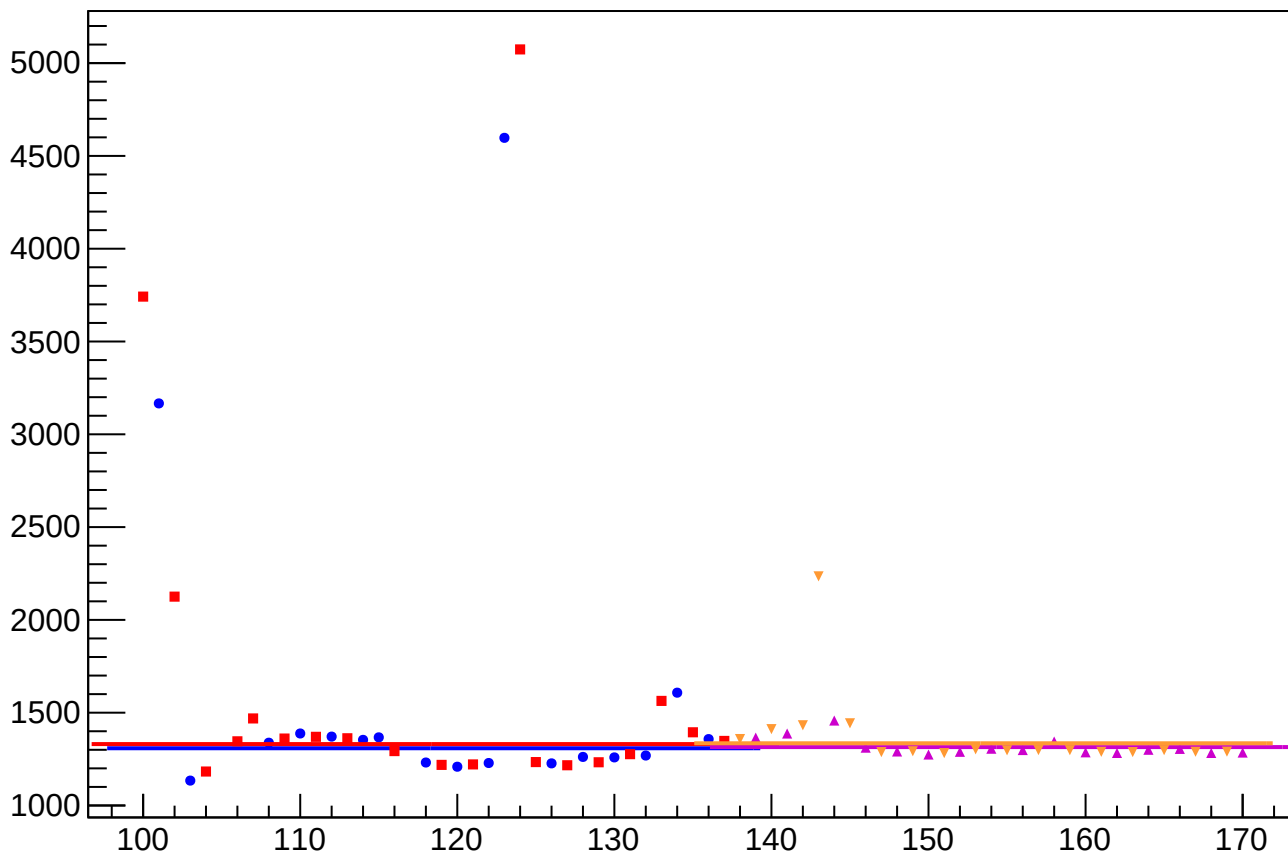
Right: -732.099 $\pm$ 365.136 χ^2 /NDF: 31.6/35

In: -427.092 $\pm$ 302.020 χ^2 /NDF:40.0/32

Out: -445.444 $\pm$ 303.315 χ^2 /NDF:42.1/35

All: -436.229 $\pm$ 214.017 χ^2 /NDF: 82.1/68

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1335.176 $\pm$ 0.266 χ^2 /NDF: 287376.3/16

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

Left In: 1314.675 $\pm$ 0.263 χ^2 /NDF: 31075.1/15

Left: 1324.822 $\pm$ 0.187 χ^2 /NDF: 321462.8/32

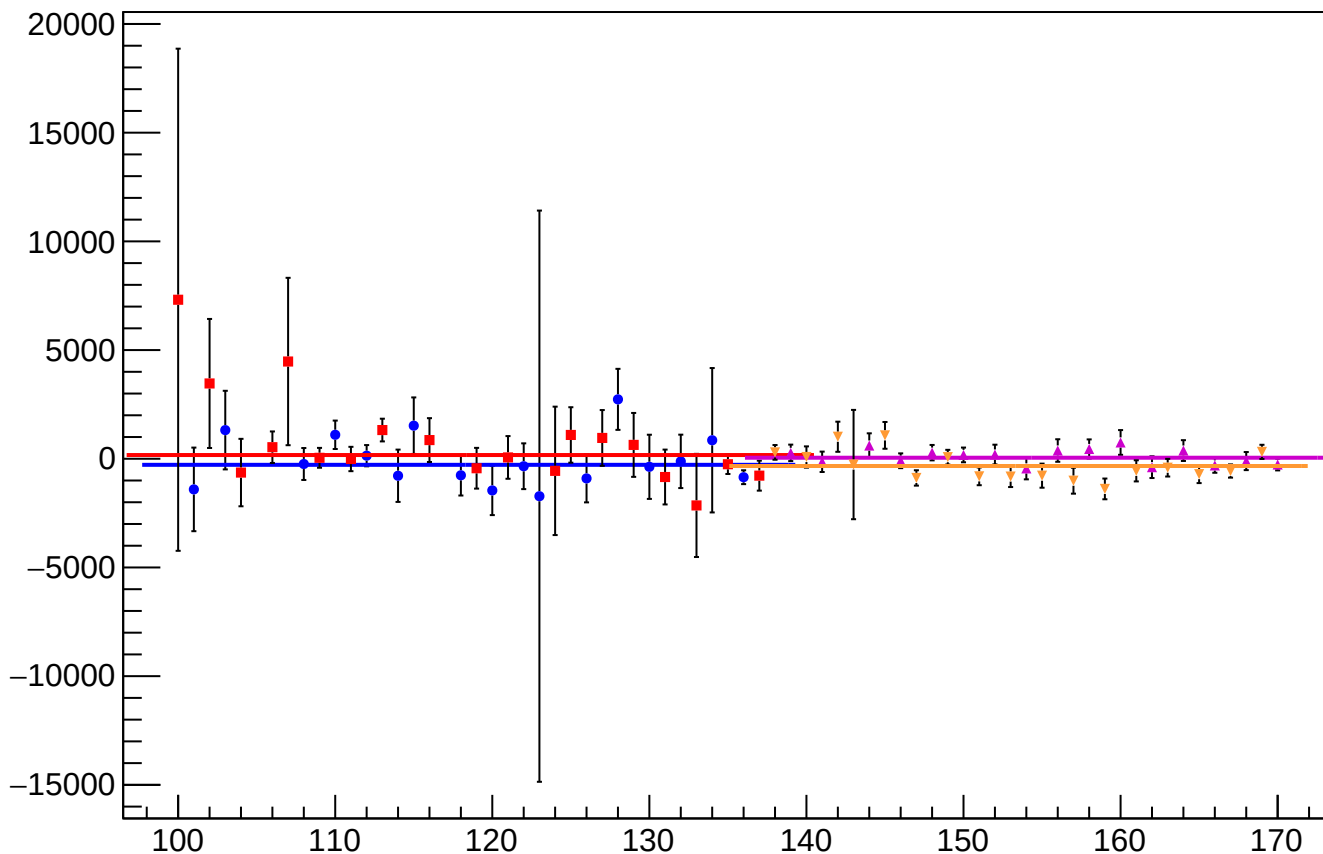
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1312.532 $\pm$ 0.214 χ^2 /NDF: 537815.9/32

Out: 1333.676 $\pm$ 0.214 χ^2 /NDF: 703313.7/35

All: 1323.059 $\pm$ 0.151 χ^2 /NDF: 1246009.9/68

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: -332.805+/-104.391 χ^2/NDF :31.8/16

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

Left In: 47.795+/-101.414 χ^2/NDF :9.8/15

Left: -137.001+/-72.740 χ^2/NDF : 48.5/32

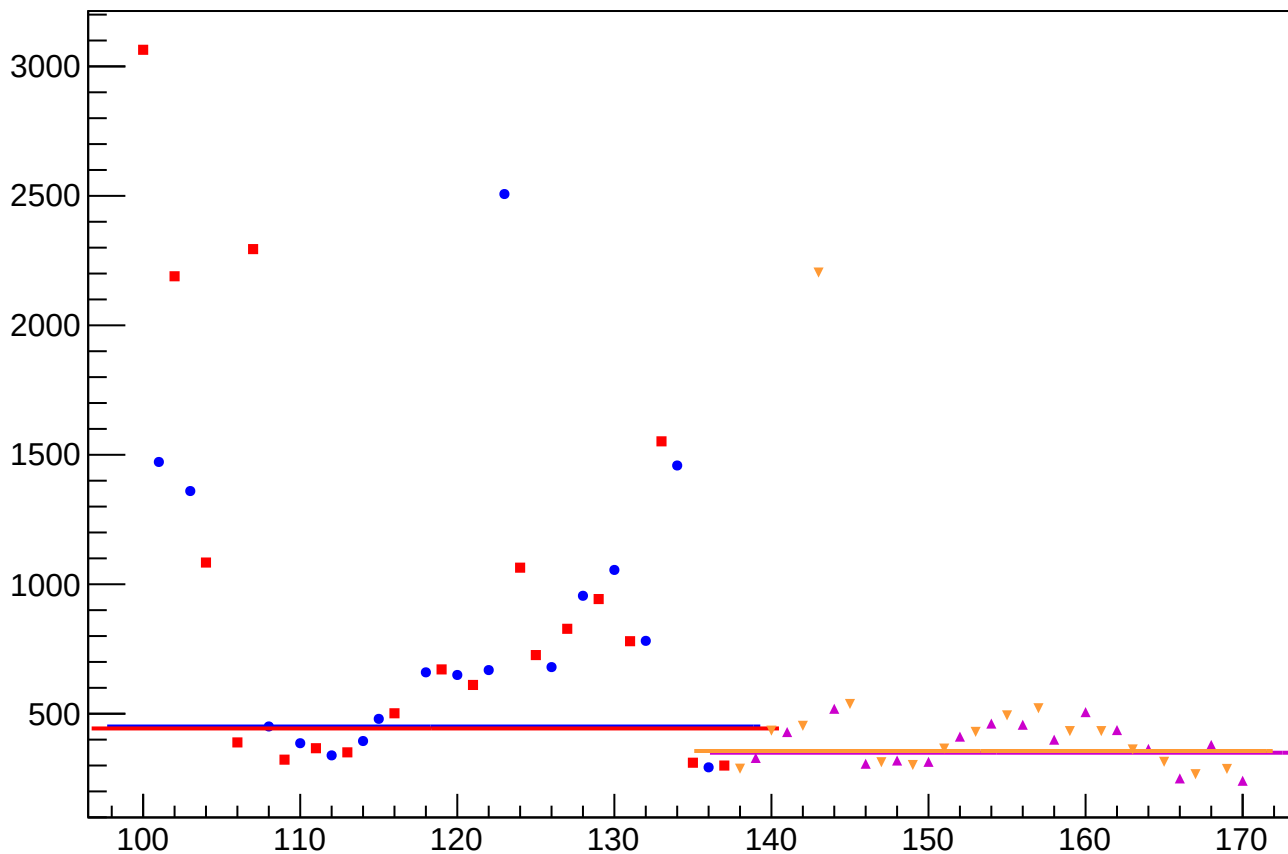
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: -19.993+/-90.274 χ^2/NDF :30.0/32

Out: -218.145+/-91.762 χ^2/NDF :51.9/35

All: -117.450+/-64.353 χ^2/NDF : 84.3/68

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 356.062+/-0.074 χ^2/NDF :2219285.1/16

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

Left In: 349.357+/-0.072 χ^2/NDF :1278964.3/15

Left: 352.613+/-0.051 χ^2/NDF : 3502495.0/32

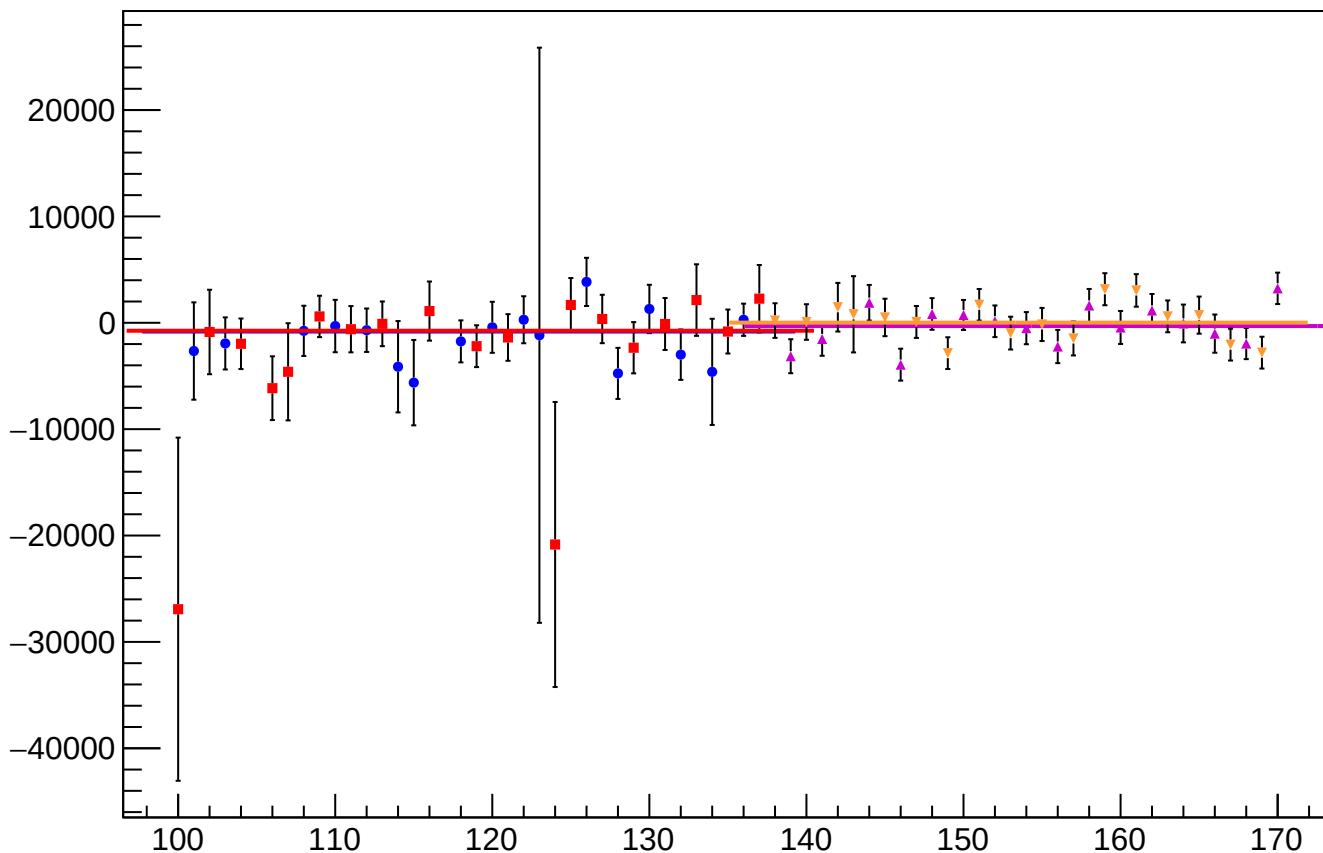
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 370.376+/-0.064 χ^2/NDF :4690499.1/32

Out: 375.847+/-0.065 χ^2/NDF :6006678.4/35

All: 373.066+/-0.046 χ^2/NDF : 10700790.8/68

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: 16.657 $\pm$ 394.134 χ^2 /NDF:20.9/16

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

Left In: -305.208 $\pm$ 388.046 χ^2 /NDF:23.7/15

Left: -146.780 $\pm$ 276.517 χ^2 /NDF: 44.9/32

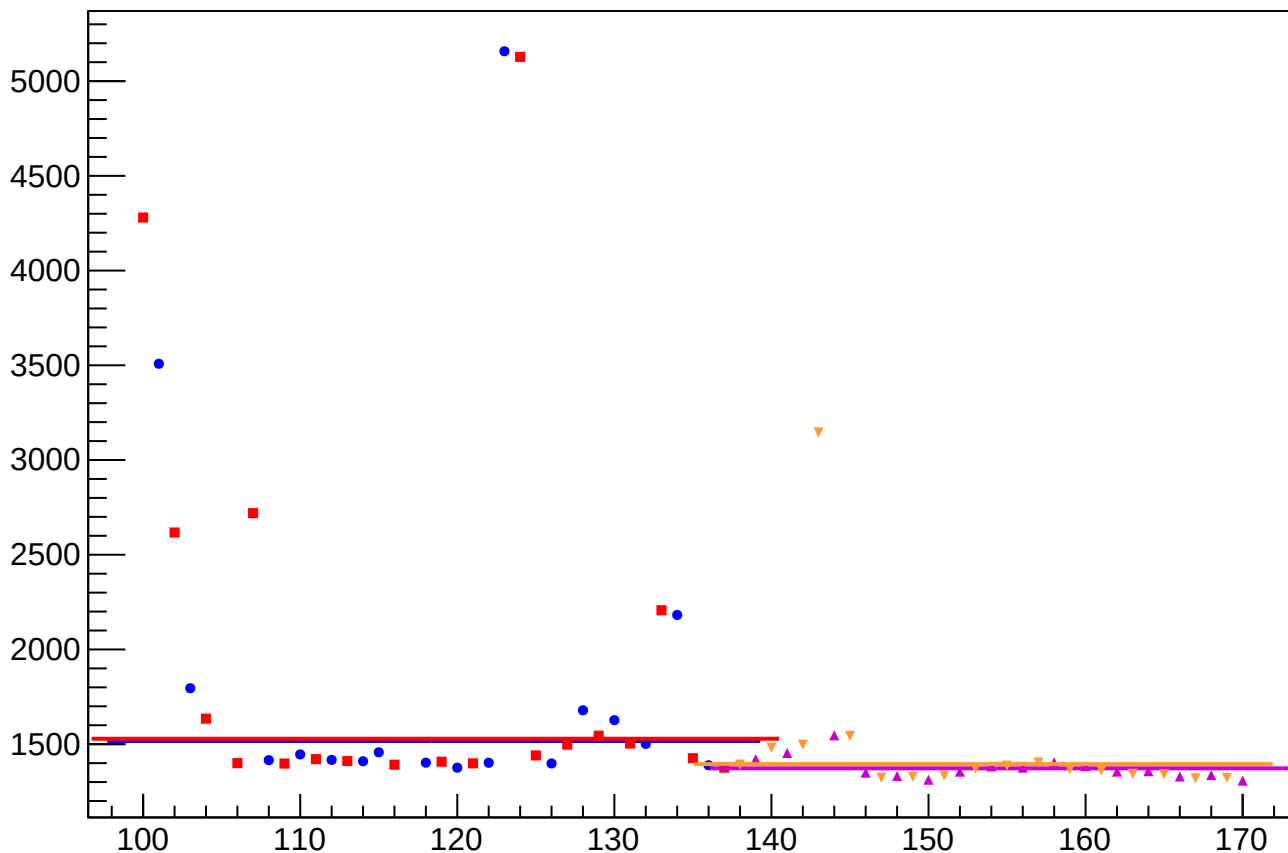
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -455.771 $\pm$ 326.022 χ^2 /NDF:36.9/32

Out: -215.684 $\pm$ 328.694 χ^2 /NDF:36.1/35

All: -336.707 $\pm$ 231.471 χ^2 /NDF: 73.2/68

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: 1395.101+/-0.279 χ^2/NDF : 529083.3/16

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

Left In: 1372.443+/-0.274 χ^2/NDF : 42233.6/15

Left: 1383.596+/-0.196 χ^2/NDF : 574673.2/32

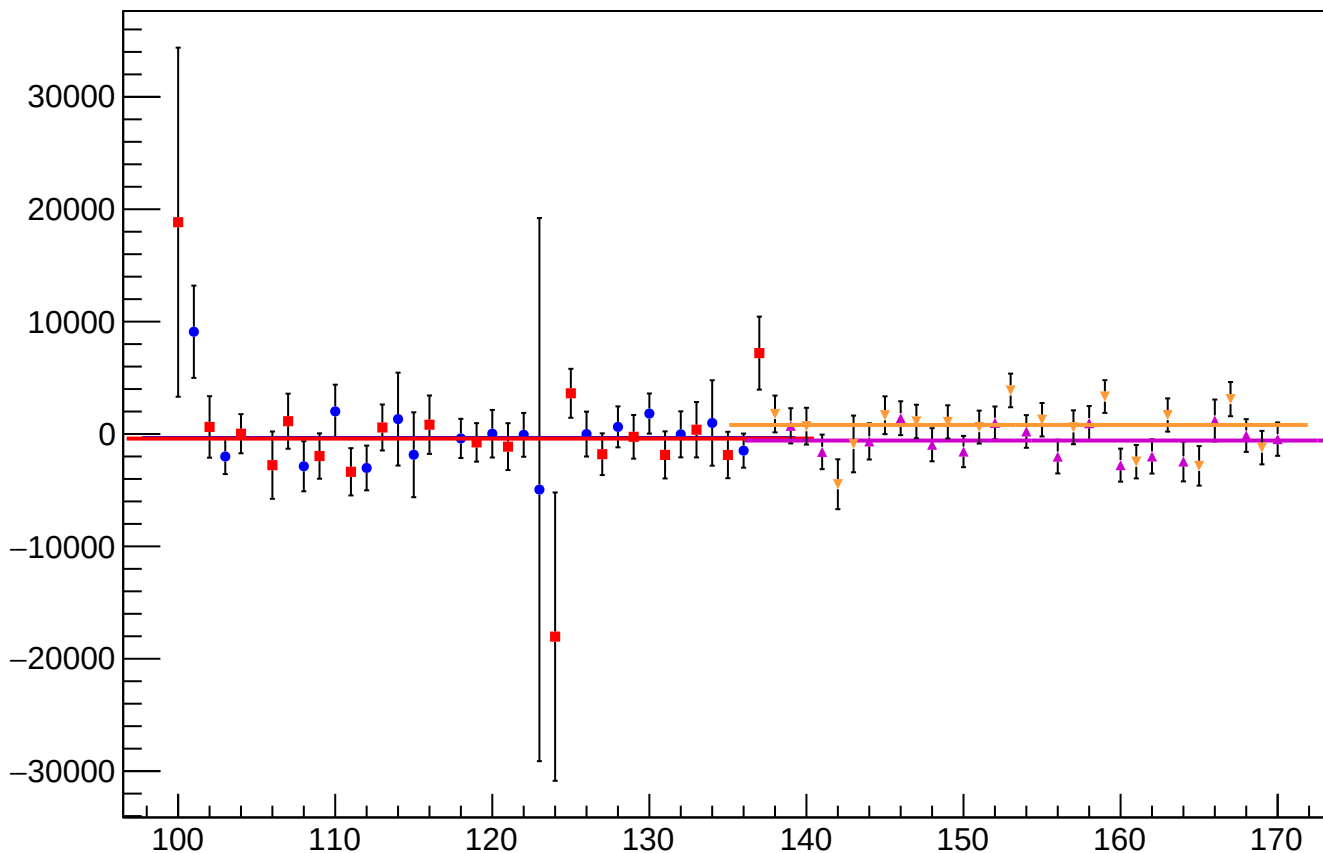
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1414.942+/-0.231 χ^2/NDF : 664833.9/32

Out: 1435.830+/-0.232 χ^2/NDF : 1229402.7/35

All: 1425.301+/-0.164 χ^2/NDF : 1898307.9/68

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: 803.758+/-384.617 χ^2 /NDF:27.7/16

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

Left In: -582.576+/-381.163 χ^2 /NDF:12.1/15

Left: 104.339+/-270.736 χ^2 /NDF: 46.4/32

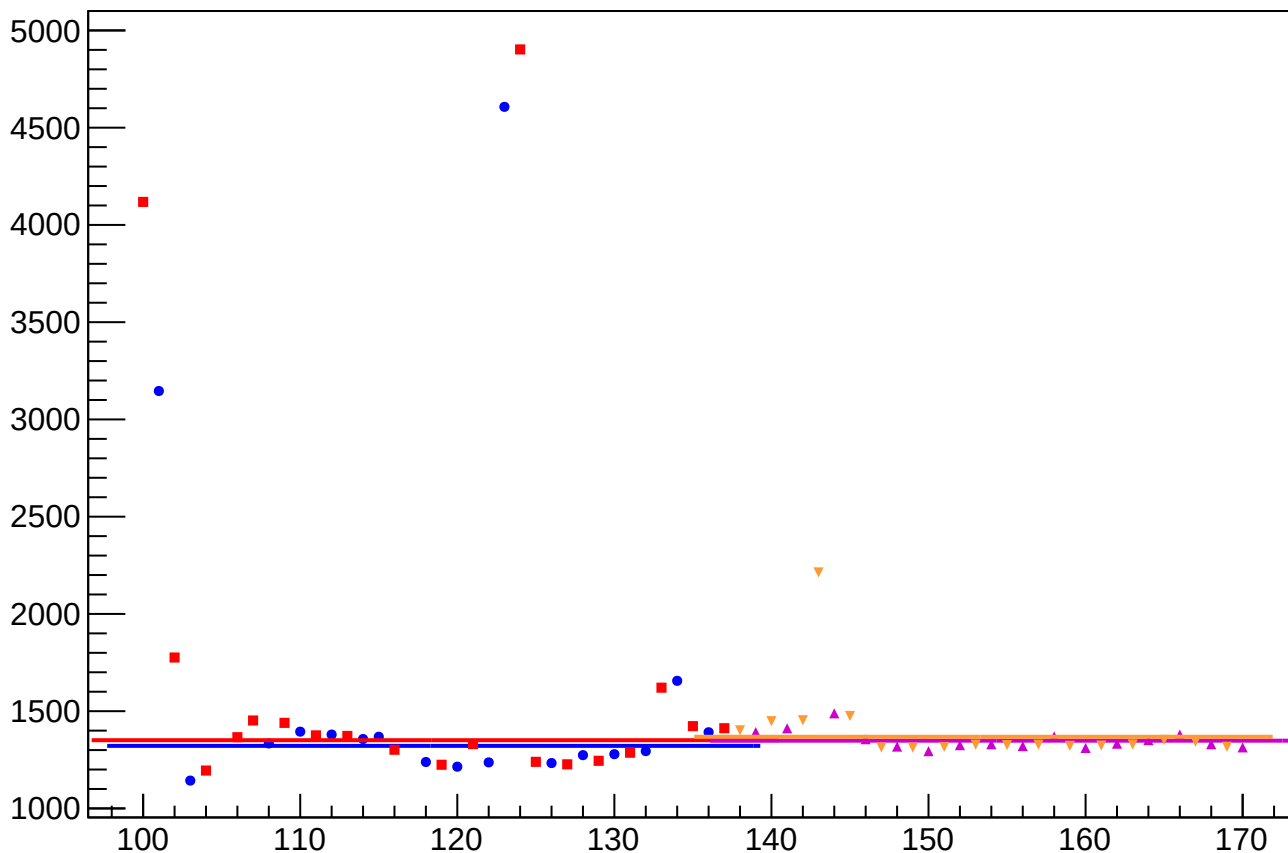
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -503.047+/-308.103 χ^2 /NDF:25.6/32

Out: 377.645+/-309.652 χ^2 /NDF:49.6/35

All: -64.910+/-218.407 χ^2 /NDF: 79.3/68

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: 1368.450 $\pm$ 0.272 χ^2 /NDF: 261852.3/16

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

Left In: 1348.360 $\pm$ 0.270 χ^2 /NDF: 29531.9/15

Left: 1358.315 $\pm$ 0.191 χ^2 /NDF: 294137.3/32

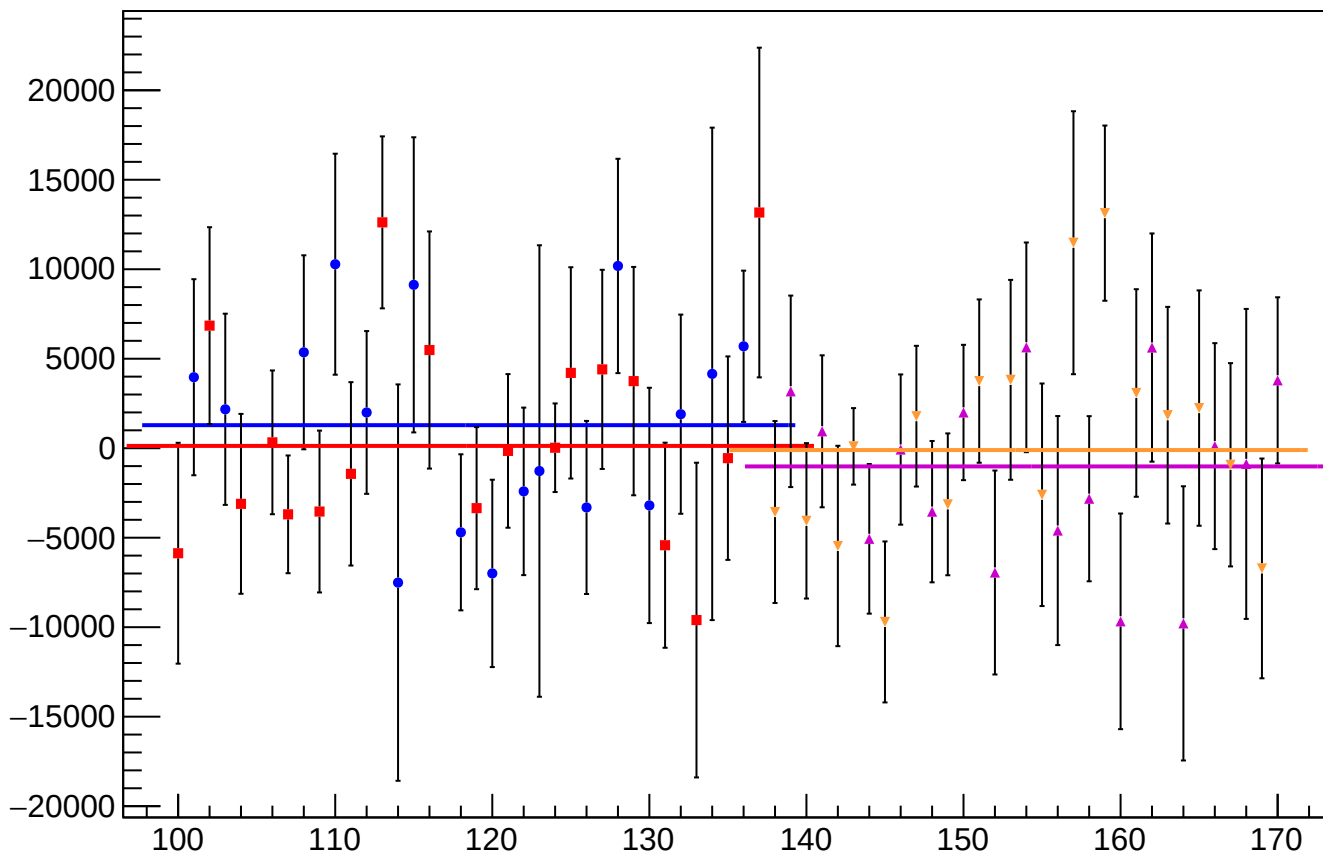
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.120 $\pm$ 0.218 χ^2 /NDF: 535168.3/32

Out: 1362.227 $\pm$ 0.219 χ^2 /NDF: 613223.6/35

All: 1350.618 $\pm$ 0.154 χ^2 /NDF: 1153989.3/68

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: -103.300+/-1101.482 χ^2/NDF : 20.5/16

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

Left In: -1017.461+/-1260.885 χ^2/NDF : 11.3/15

Left: -498.977+/-829.534 χ^2/NDF : 32.1/32

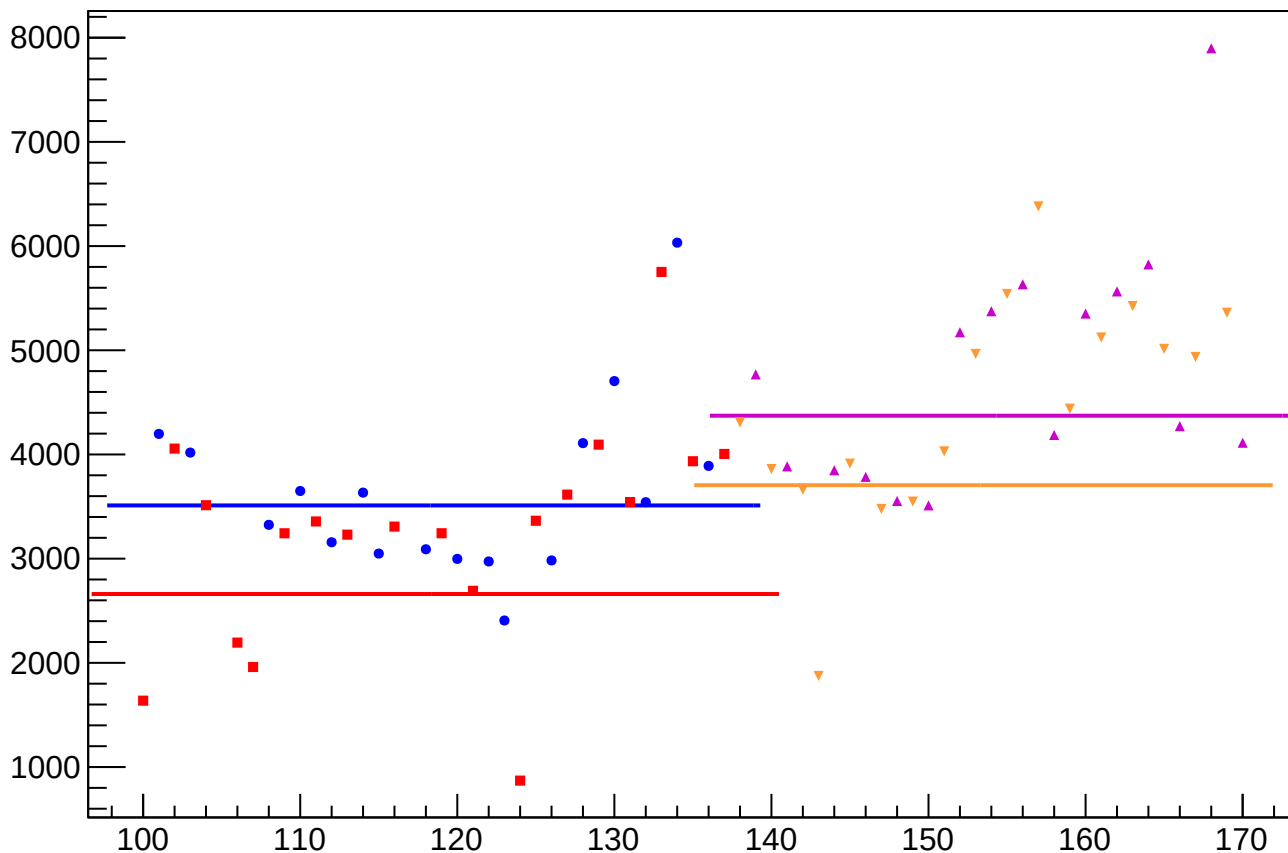
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 34.706+/-929.572 χ^2/NDF : 27.1/32

Out: 14.240+/-774.144 χ^2/NDF : 39.0/35

All: 22.621+/-594.871 χ^2/NDF : 66.1/68

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: 3705.234 $\pm$ 0.779 χ^2 /NDF: 2707743.1/16

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

Left In: 4372.012 $\pm$ 0.892 χ^2 /NDF: 1009474.3/15

Left: 3993.835 $\pm$ 0.587 χ^2 /NDF: 4034433.7/32

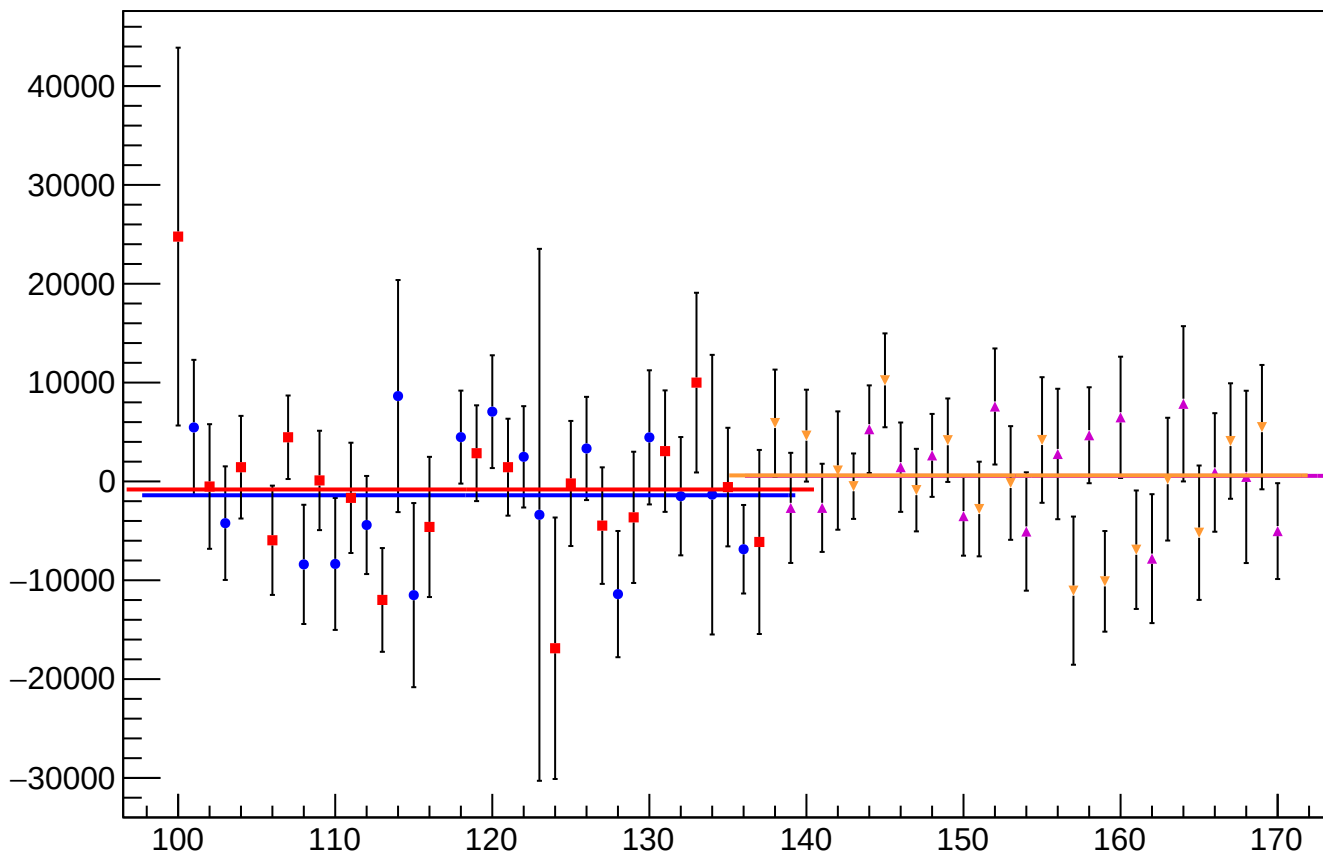
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3978.885 $\pm$ 0.657 χ^2 /NDF: 1779443.5/32

Out: 3176.622 $\pm$ 0.547 χ^2 /NDF: 5800651.7/35

All: 3505.168 $\pm$ 0.421 χ^2 /NDF: 8459725.4/68

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: 608.638 $\pm$ 1247.743 χ^2 /NDF: 17.7/16

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

Left In: 563.725 $\pm$ 1320.413 χ^2 /NDF: 11.2/15

Left: 587.451 $\pm$ 906.890 χ^2 /NDF: 29.0/32

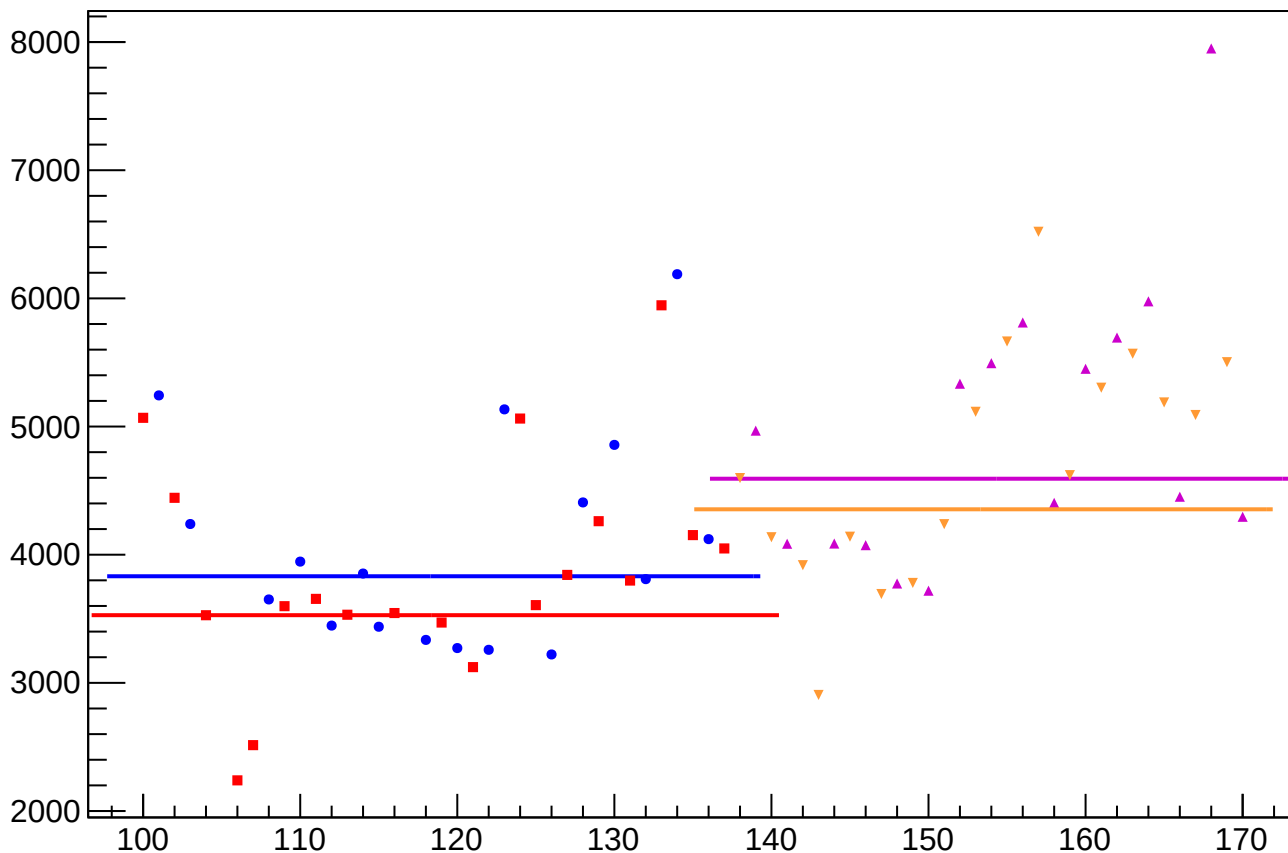
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -291.564 $\pm$ 992.311 χ^2 /NDF: 28.0/32

Out: -31.748 $\pm$ 925.253 χ^2 /NDF: 32.6/35

All: -152.581 $\pm$ 676.718 χ^2 /NDF: 60.6/68

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: 4354.235+/-0.882 χ^2/NDF : 1041548.4/16

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

Left In: 4592.847+/-0.934 χ^2/NDF : 870474.1/15

Left: 4466.794+/-0.641 χ^2/NDF : 1946525.1/32

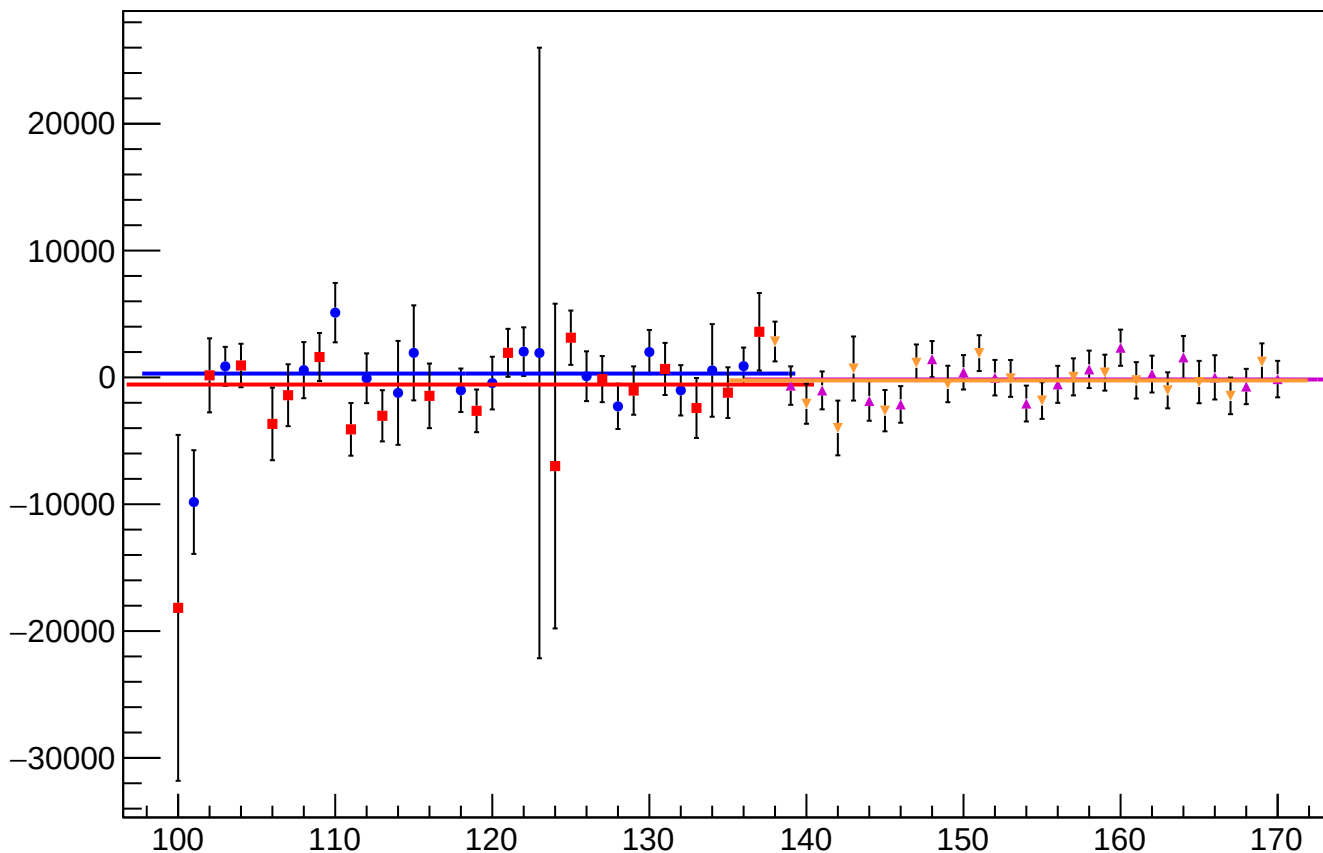
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4261.619+/-0.702 χ^2/NDF : 1497341.1/32

Out: 3978.639+/-0.652 χ^2/NDF : 1997353.7/35

All: 4109.665+/-0.477 χ^2/NDF : 3582034.0/68

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968+/-512.834 χ^2/NDF : 16.1/16

Left Out: -237.310+/-371.618 χ^2/NDF :17.3/16

Right Out: -562.233+/-508.331 χ^2/NDF : 19.1/18

Left In: -163.466+/-367.887 χ^2/NDF :11.5/15

Left: -200.015+/-261.445 χ^2/NDF : 28.8/32

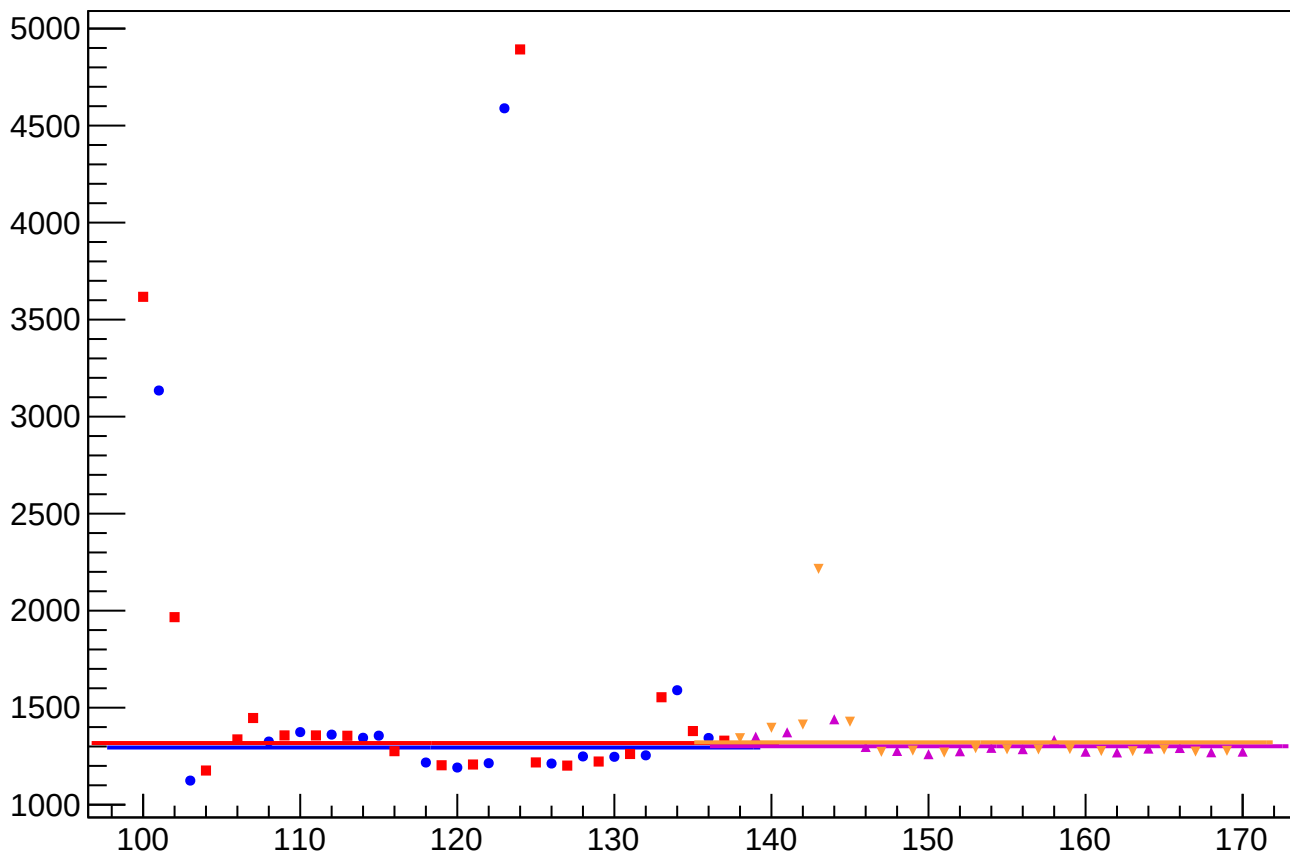
Right: -133.943+/-361.026 χ^2/NDF : 36.6/35

In: -5.329+/-298.927 χ^2/NDF :28.1/32

Out: -350.480+/-300.000 χ^2/NDF :36.7/35

All: -177.286+/-211.752 χ^2/NDF : 65.5/68

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1321.372 $\pm$ 0.263 χ^2 /NDF:288011.1/16

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

Left In: 1301.256 $\pm$ 0.260 χ^2 /NDF:30562.0/15

Left: 1311.213 $\pm$ 0.185 χ^2 /NDF: 321532.8/32

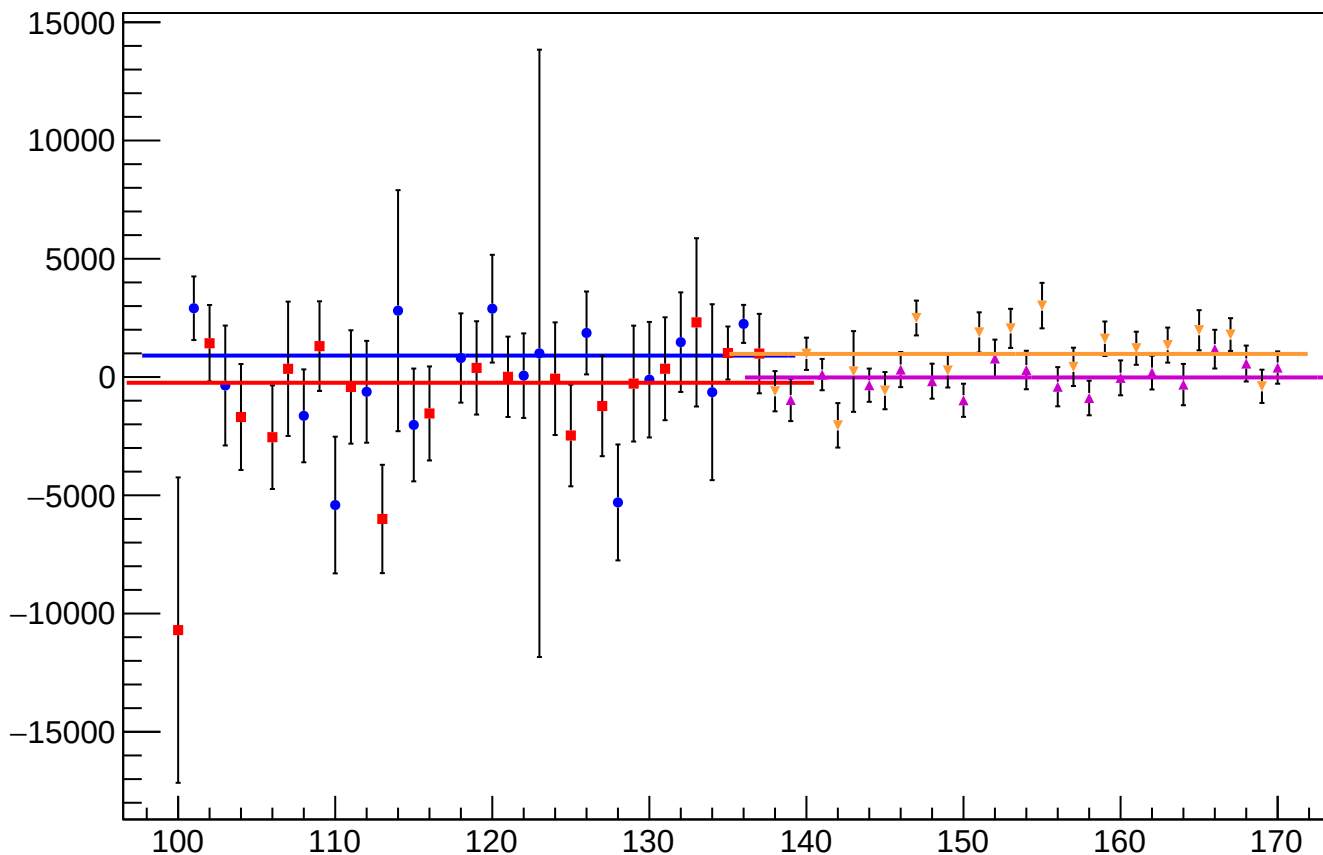
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1299.039 $\pm$ 0.211 χ^2 /NDF:538579.8/32

Out: 1320.124 $\pm$ 0.212 χ^2 /NDF:678883.3/35

All: 1309.544 $\pm$ 0.150 χ^2 /NDF: 1222420.8/68

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: 977.284 $\pm$ 192.147 χ^2 /NDF:38.6/16

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

Left In: -17.639 $\pm$ 188.581 χ^2 /NDF:9.6/15

Left: 470.505 $\pm$ 134.590 χ^2 /NDF: 61.9/32

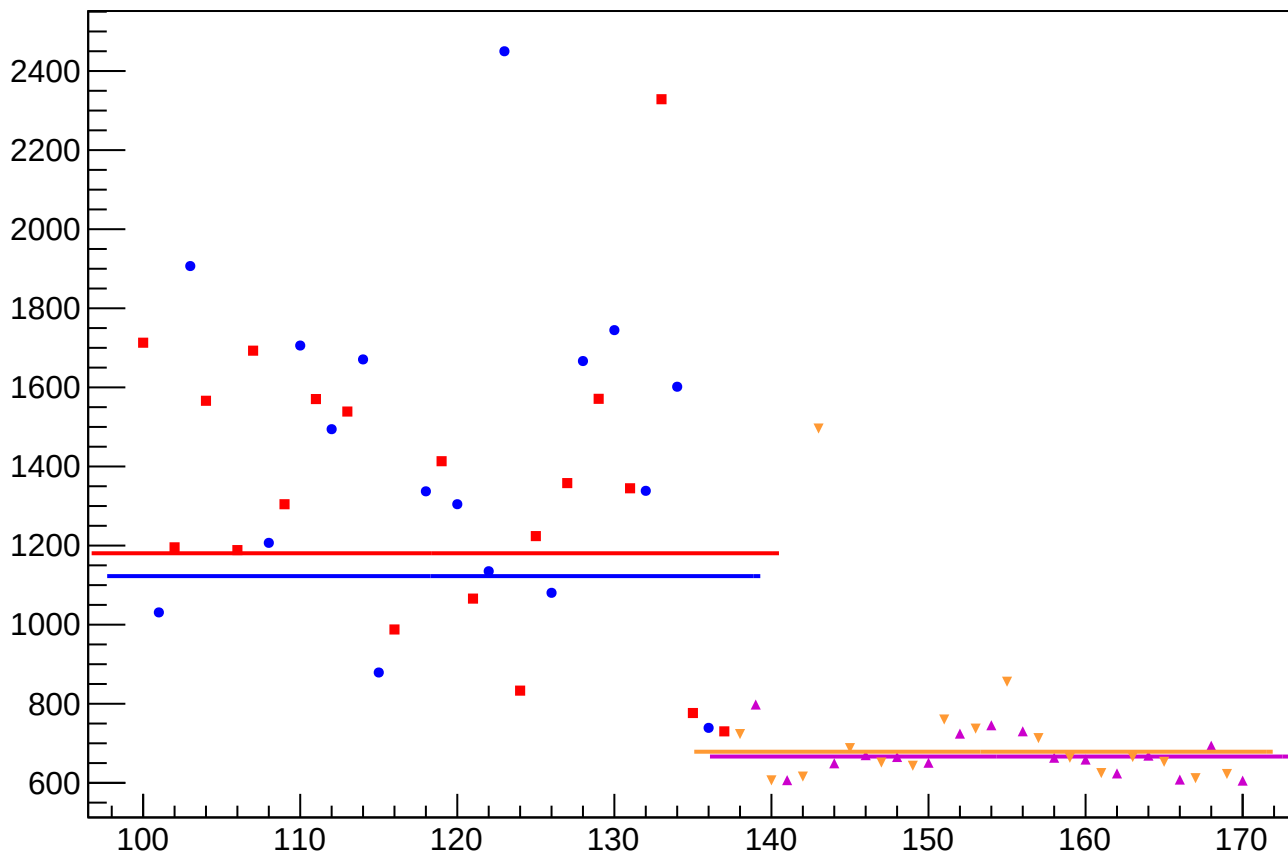
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 117.439 $\pm$ 174.258 χ^2 /NDF:35.1/32

Out: 798.321 $\pm$ 177.490 χ^2 /NDF:61.0/35

All: 451.624 $\pm$ 124.346 χ^2 /NDF: 103.6/68

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2/NDF : 1187996.4/16

Left Out: 678.736 $\pm$ 0.136 χ^2/NDF : 649840.3/16

Right Out: 1180.554 $\pm$ 0.328 χ^2/NDF : 1035382.2/18

Left In: 666.533 $\pm$ 0.133 χ^2/NDF : 138966.0/15

Left: 672.521 $\pm$ 0.095 χ^2/NDF : 792915.2/32

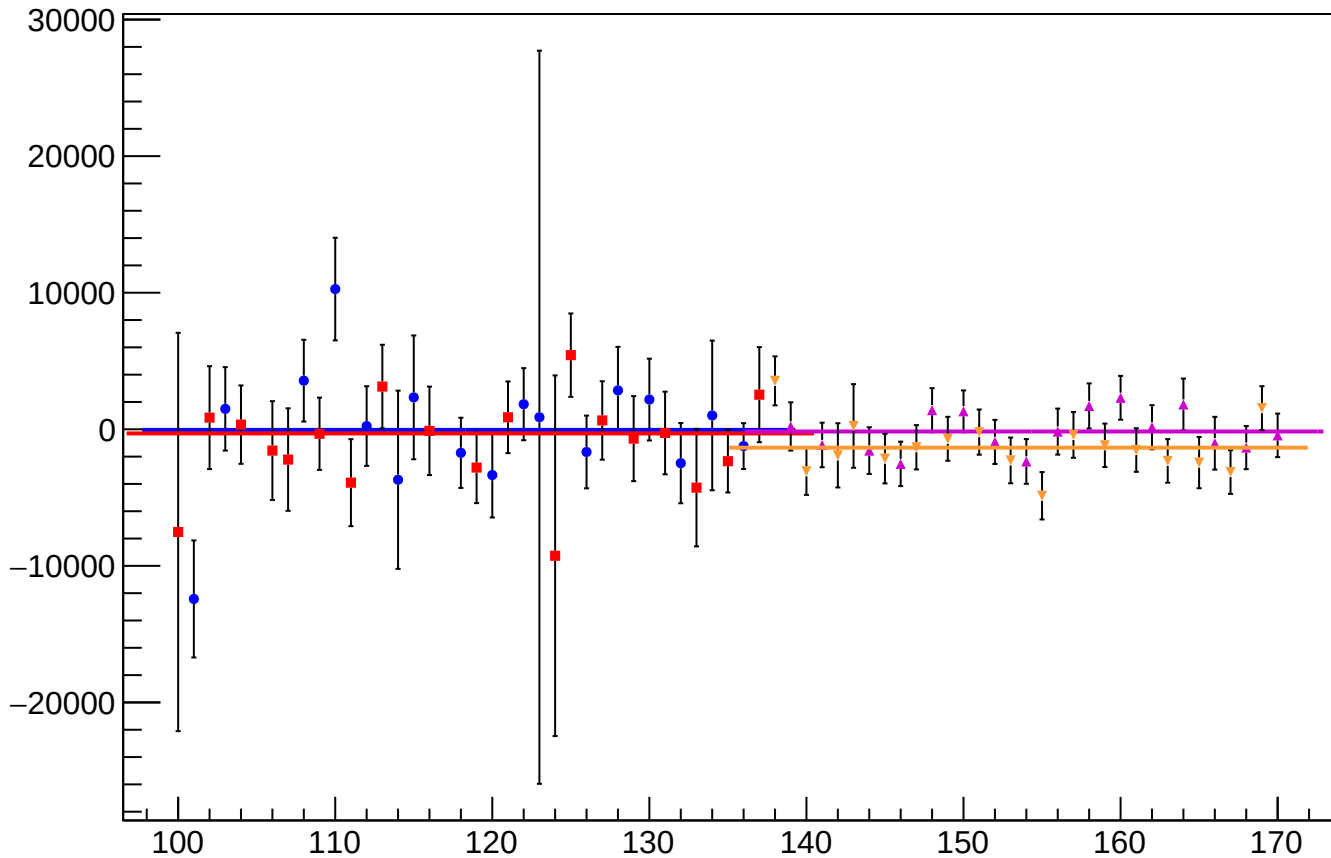
Right: 1151.192 $\pm$ 0.230 χ^2/NDF : 2239183.7/35

In: 733.207 $\pm$ 0.123 χ^2/NDF : 3037686.0/32

Out: 752.373 $\pm$ 0.126 χ^2/NDF : 3686948.1/35

All: 742.614 $\pm$ 0.088 χ^2/NDF : 6736509.6/68

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1344.378 ± 420.531 χ^2/NDF : 19.6/16

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -162.068 ± 414.588 χ^2/NDF : 12.7/15

Left: -744.809 ± 295.237 χ^2/NDF : 36.2/32

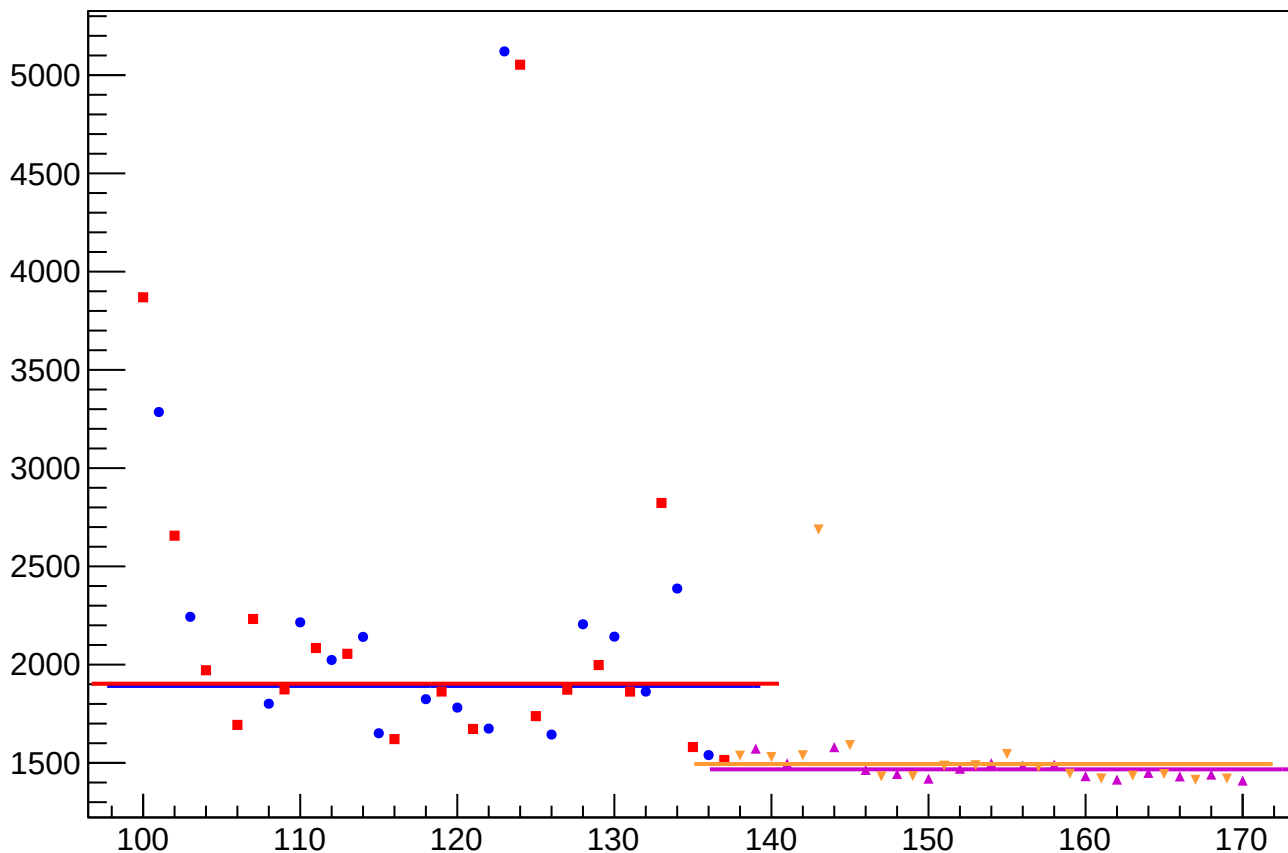
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -134.384 ± 362.567 χ^2/NDF : 35.9/32

Out: -1087.442 ± 364.943 χ^2/NDF : 31.9/35

All: -607.800 ± 257.210 χ^2/NDF : 71.3/68

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: 1494.422 $\pm$ 0.297 χ^2 /NDF: 339771.6/16

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1467.138 $\pm$ 0.293 χ^2 /NDF: 27372.3/15

Left: 1480.586 $\pm$ 0.209 χ^2 /NDF: 371413.3/32

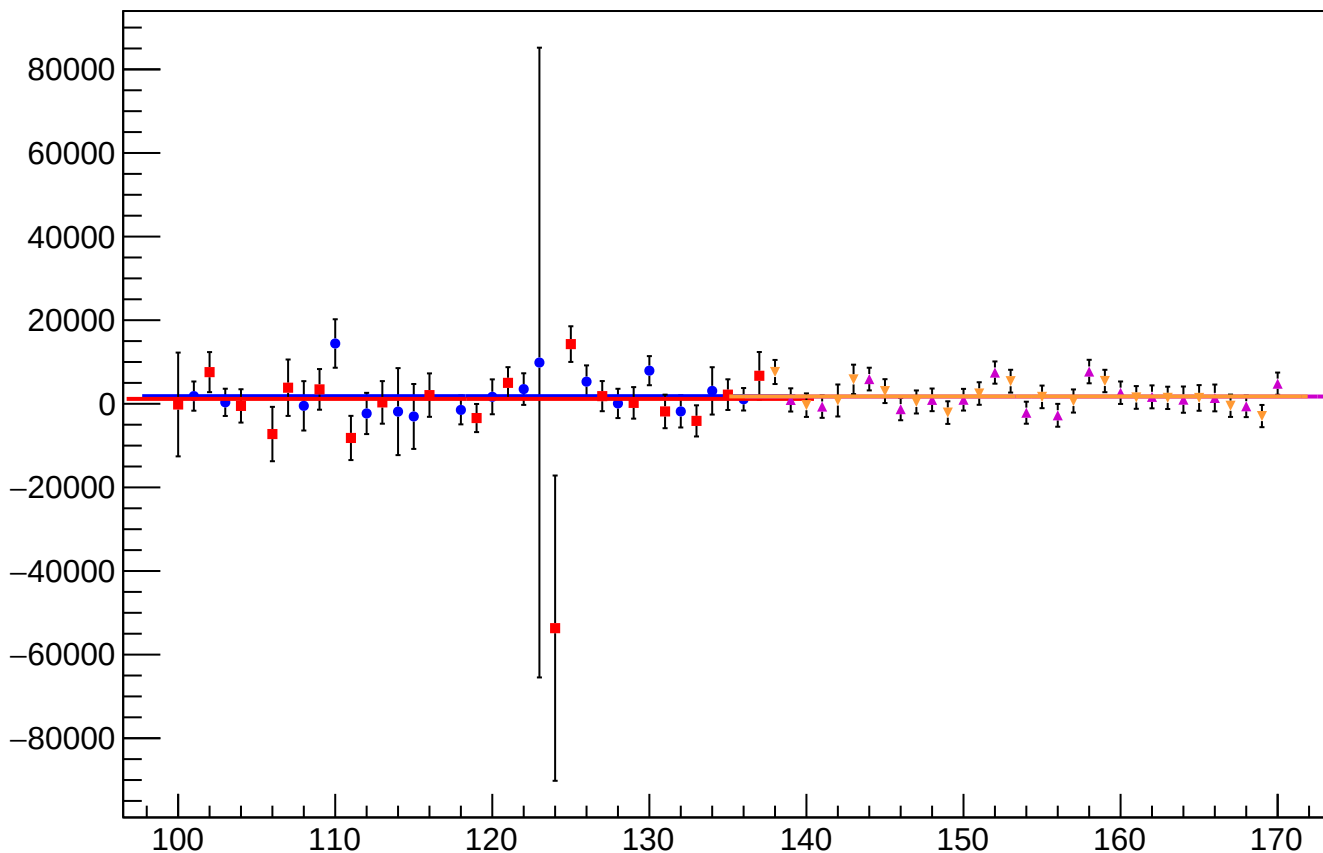
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1566.992 $\pm$ 0.256 χ^2 /NDF: 989713.0/32

Out: 1595.304 $\pm$ 0.258 χ^2 /NDF: 1266073.3/35

All: 1581.055 $\pm$ 0.182 χ^2 /NDF: 2261844.3/68

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1764.117 $\pm$ 685.392 χ^2 /NDF:16.3/16

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1735.923 $\pm$ 684.562 χ^2 /NDF:21.1/15

Left: 1750.003 $\pm$ 484.351 χ^2 /NDF: 37.4/32

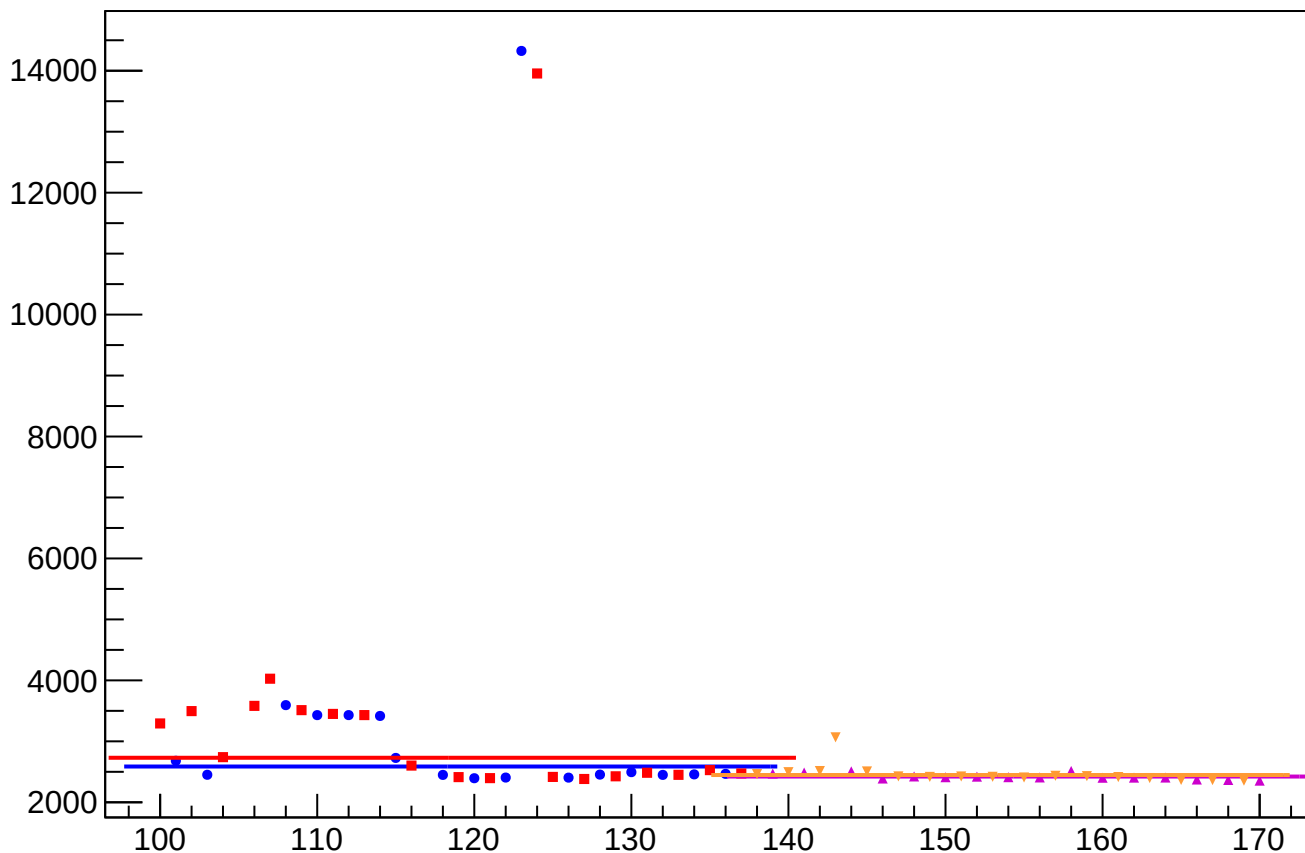
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1763.970 $\pm$ 566.695 χ^2 /NDF:33.6/32

Out: 1586.671 $\pm$ 573.314 χ^2 /NDF:42.0/35

All: 1676.350 $\pm$ 403.034 χ^2 /NDF: 75.7/68

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2/NDF : 254112.7/16

Left Out: 2447.455 $\pm$ 0.485 χ^2/NDF : 71779.8/16

Right Out: 2730.484 $\pm$ 0.740 χ^2/NDF : 584993.0/18

Left In: 2422.427 $\pm$ 0.484 χ^2/NDF : 9097.6/15

Left: 2434.926 $\pm$ 0.342 χ^2/NDF : 82212.5/32

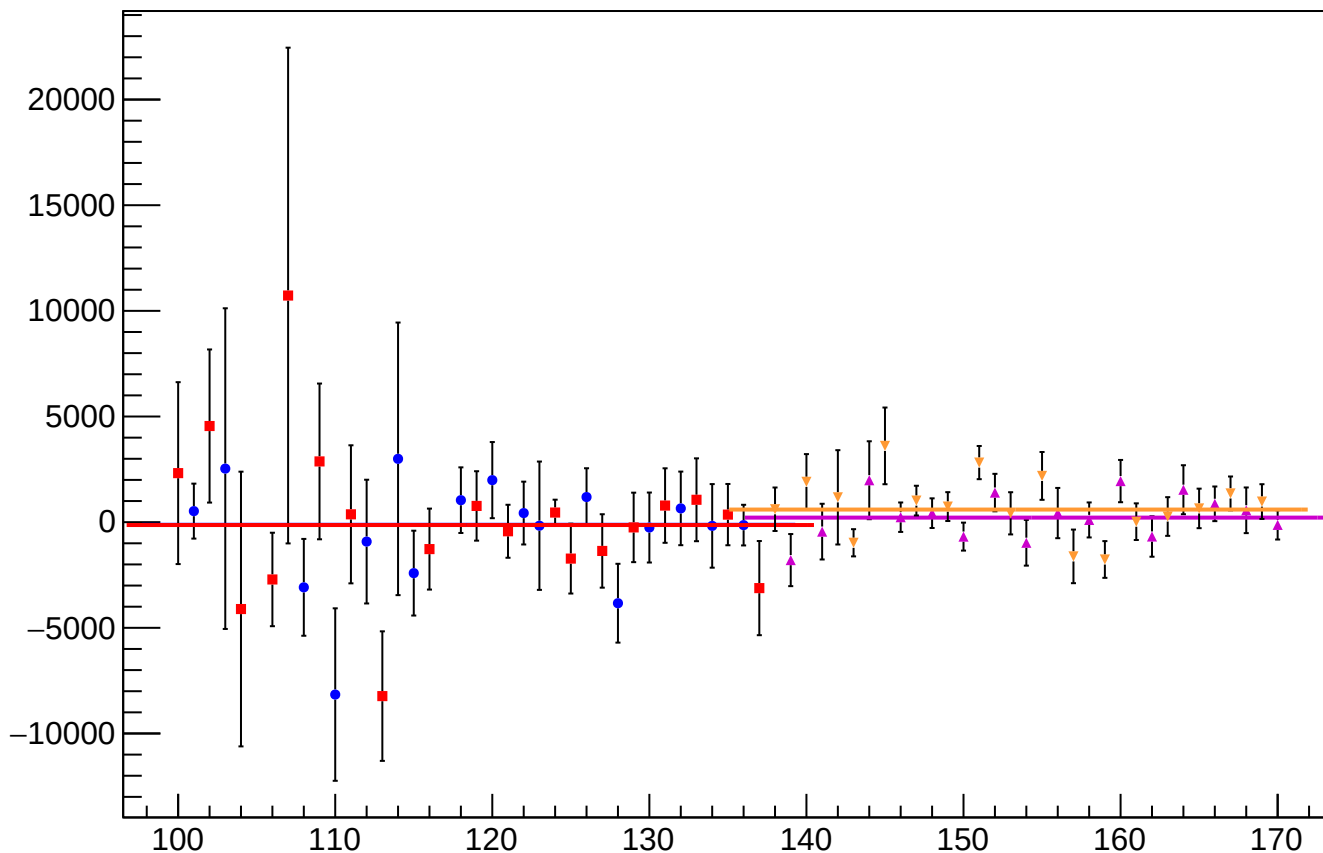
Right: 2656.218 $\pm$ 0.514 χ^2/NDF : 858580.5/35

In: 2474.213 $\pm$ 0.401 χ^2/NDF : 299578.3/32

Out: 2532.451 $\pm$ 0.405 χ^2/NDF : 759191.5/35

All: 2502.994 $\pm$ 0.285 χ^2/NDF : 1069208.3/68

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2 /NDF: 14.7/16

Left Out: 597.007 $\pm$ 219.948 χ^2 /NDF: 32.3/16

Right Out: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: 215.580 $\pm$ 226.737 χ^2 /NDF: 14.9/15

Left: 412.089 $\pm$ 157.872 χ^2 /NDF: 48.8/32

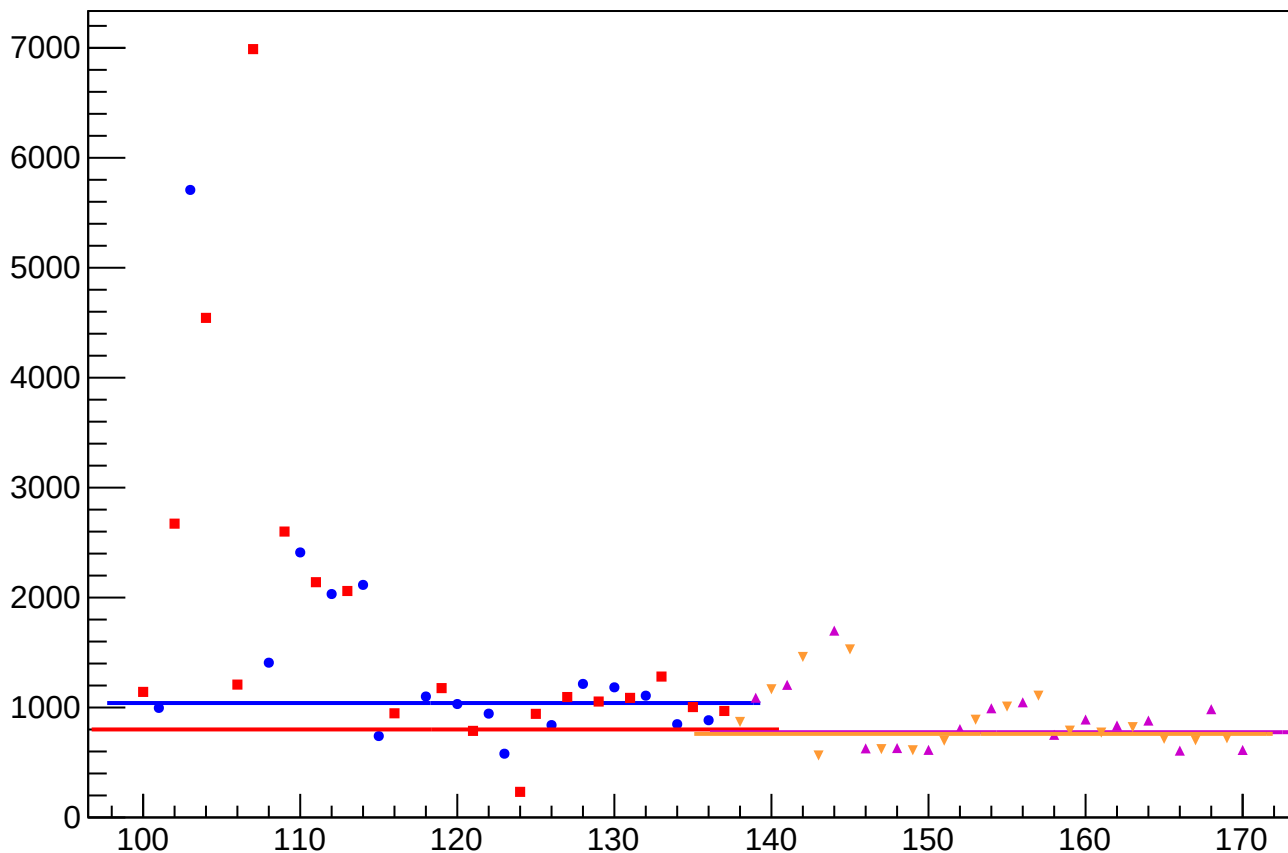
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: 141.806 $\pm$ 200.640 χ^2 /NDF: 30.1/32

Out: 412.819 $\pm$ 190.289 χ^2 /NDF: 53.0/35

All: 284.483 $\pm$ 138.069 χ^2 /NDF: 84.1/68

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 760.206+/-0.156 χ^2/NDF : 1452050.6/16

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 775.414+/-0.160 χ^2/NDF : 1643975.5/15

Left: 767.579+/-0.112 χ^2/NDF : 3100662.1/32

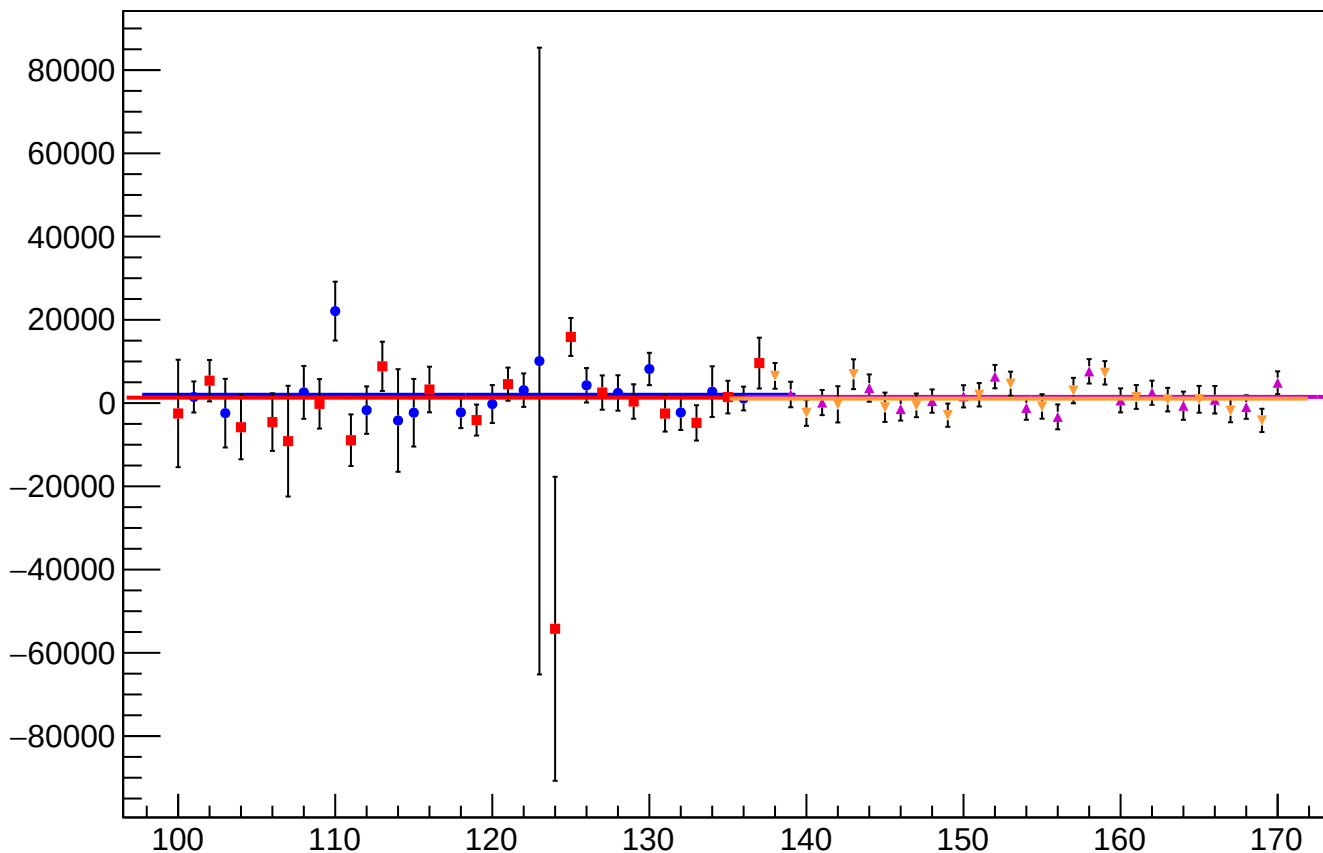
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 832.981+/-0.142 χ^2/NDF : 3811264.4/32

Out: 770.316+/-0.135 χ^2/NDF : 6655881.7/35

All: 799.991+/-0.098 χ^2/NDF : 10569855.4/68

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1076.422+/-732.519 χ^2/NDF : 21.7/16

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1492.671+/-733.316 χ^2/NDF : 15.6/15

Left: 1284.320+/-518.251 χ^2/NDF : 37.5/32

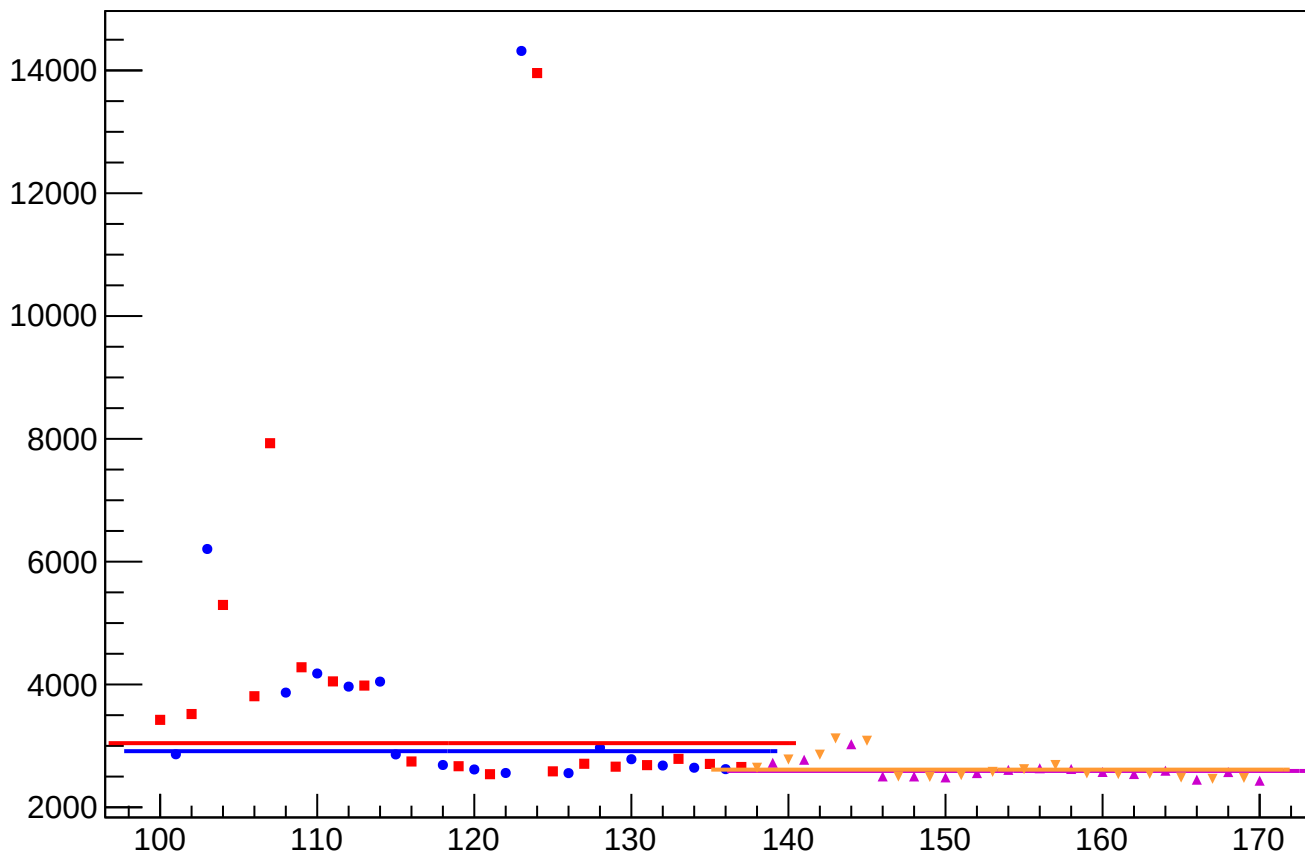
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1637.341+/-619.087 χ^2/NDF : 30.7/32

Out: 1139.096+/-623.612 χ^2/NDF : 49.3/35

All: 1390.032+/-439.352 χ^2/NDF : 80.3/68

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2613.096+/-0.518 χ^2/NDF : 115212.2/16

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2591.750+/-0.519 χ^2/NDF : 65696.5/15

Left: 2602.434+/-0.366 χ^2/NDF : 181756.9/32

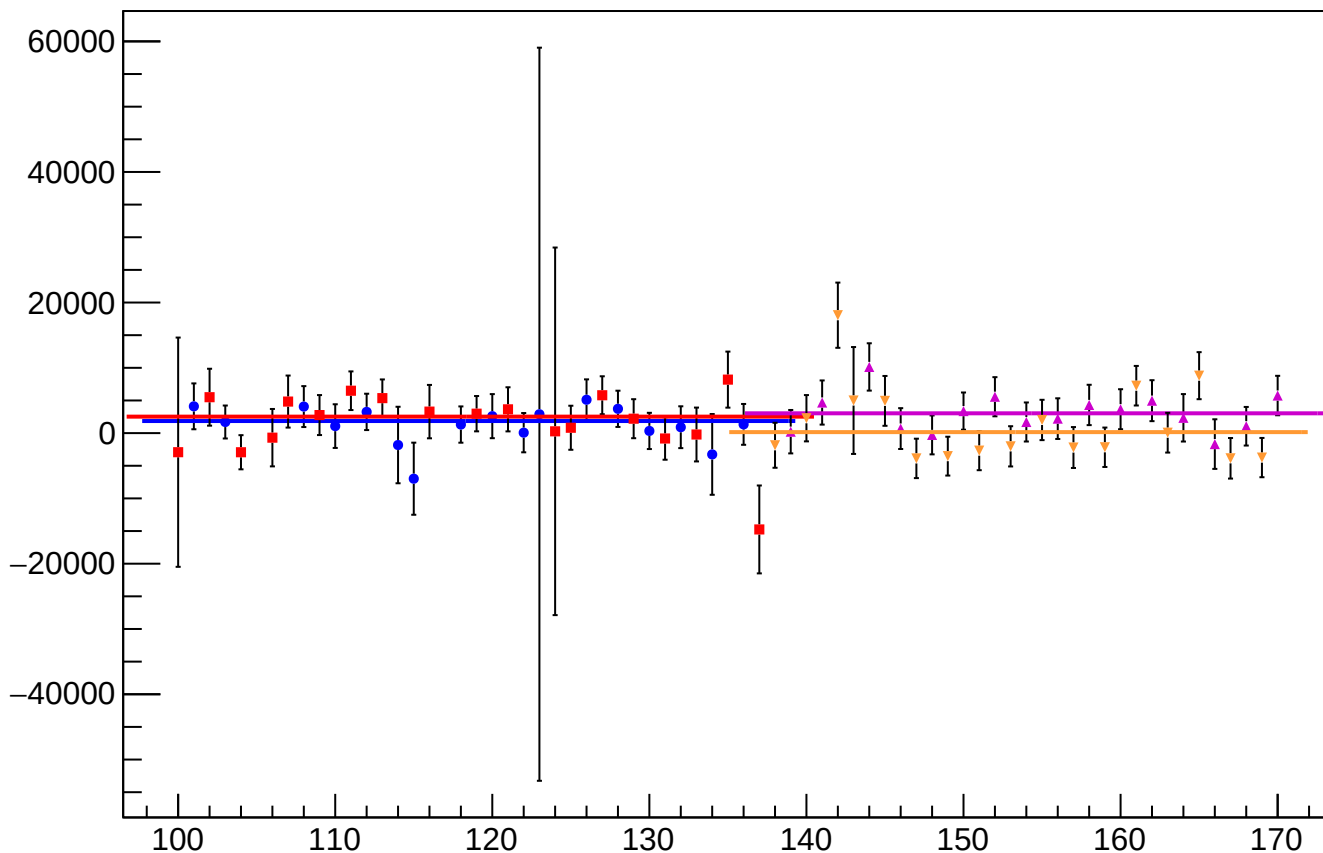
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2684.289+/-0.438 χ^2/NDF : 815546.7/32

Out: 2731.830+/-0.441 χ^2/NDF : 1311447.5/35

All: 2707.886+/-0.311 χ^2/NDF : 2132848.3/68

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 $\chi^2/\text{NDF}: 7.3/16$

Left Out: 152.784 ± 802.889 $\chi^2/\text{NDF}: 36.3/16$

Right Out: 2523.303 ± 818.432 $\chi^2/\text{NDF}: 20.1/18$

Left In: 3033.365 ± 790.500 $\chi^2/\text{NDF}: 11.0/15$

Left: 1615.470 ± 563.297 $\chi^2/\text{NDF}: 53.9/32$

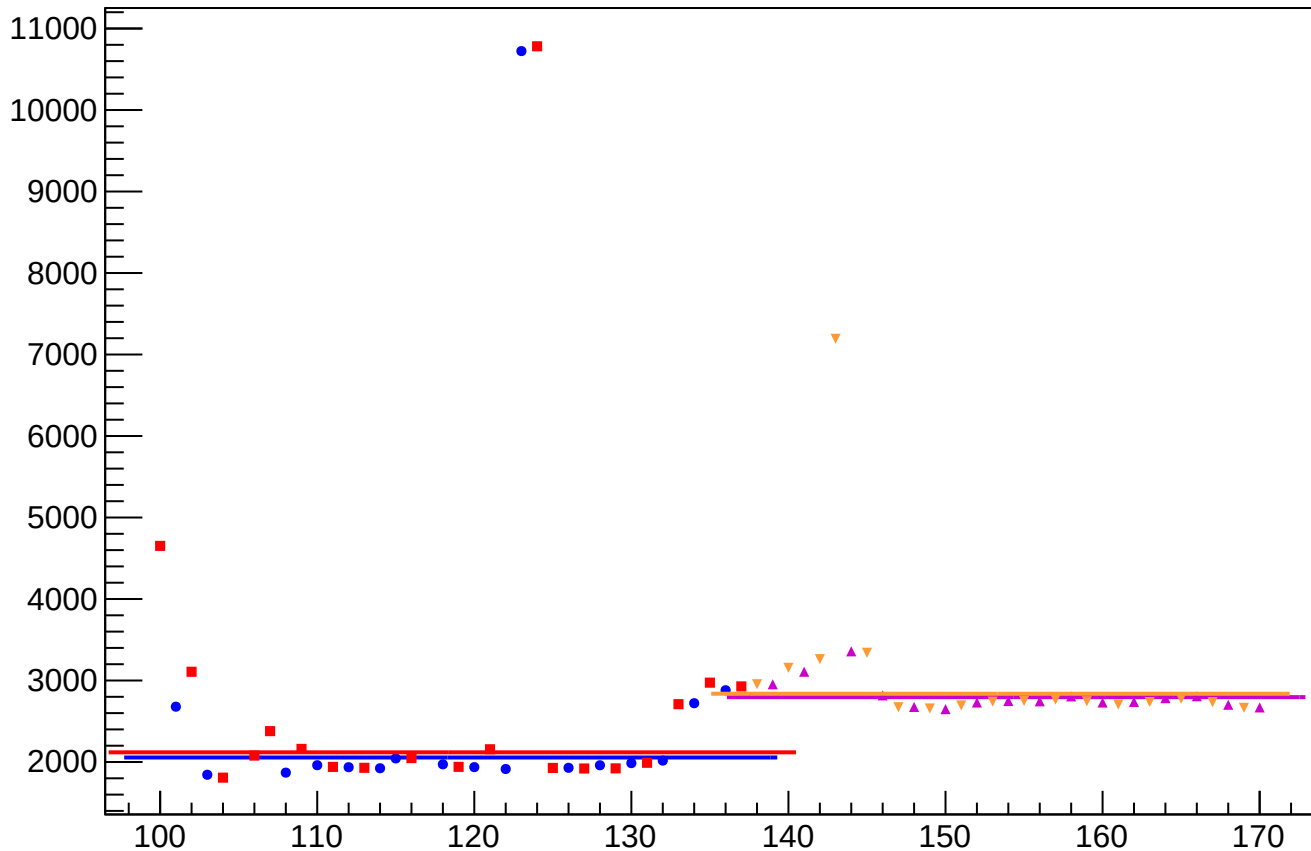
Right: 2181.863 ± 574.547 $\chi^2/\text{NDF}: 27.7/35$

In: 2453.773 ± 564.629 $\chi^2/\text{NDF}: 19.4/32$

Out: 1315.321 ± 573.144 $\chi^2/\text{NDF}: 60.7/35$

All: 1893.067 ± 402.230 $\chi^2/\text{NDF}: 82.1/68$

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2837.765 ± 0.568 χ^2/NDF : 673389.6/16

Right Out: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2796.165 ± 0.559 χ^2/NDF : 87386.1/15

Left: 2816.642 ± 0.398 χ^2/NDF : 763502.1/32

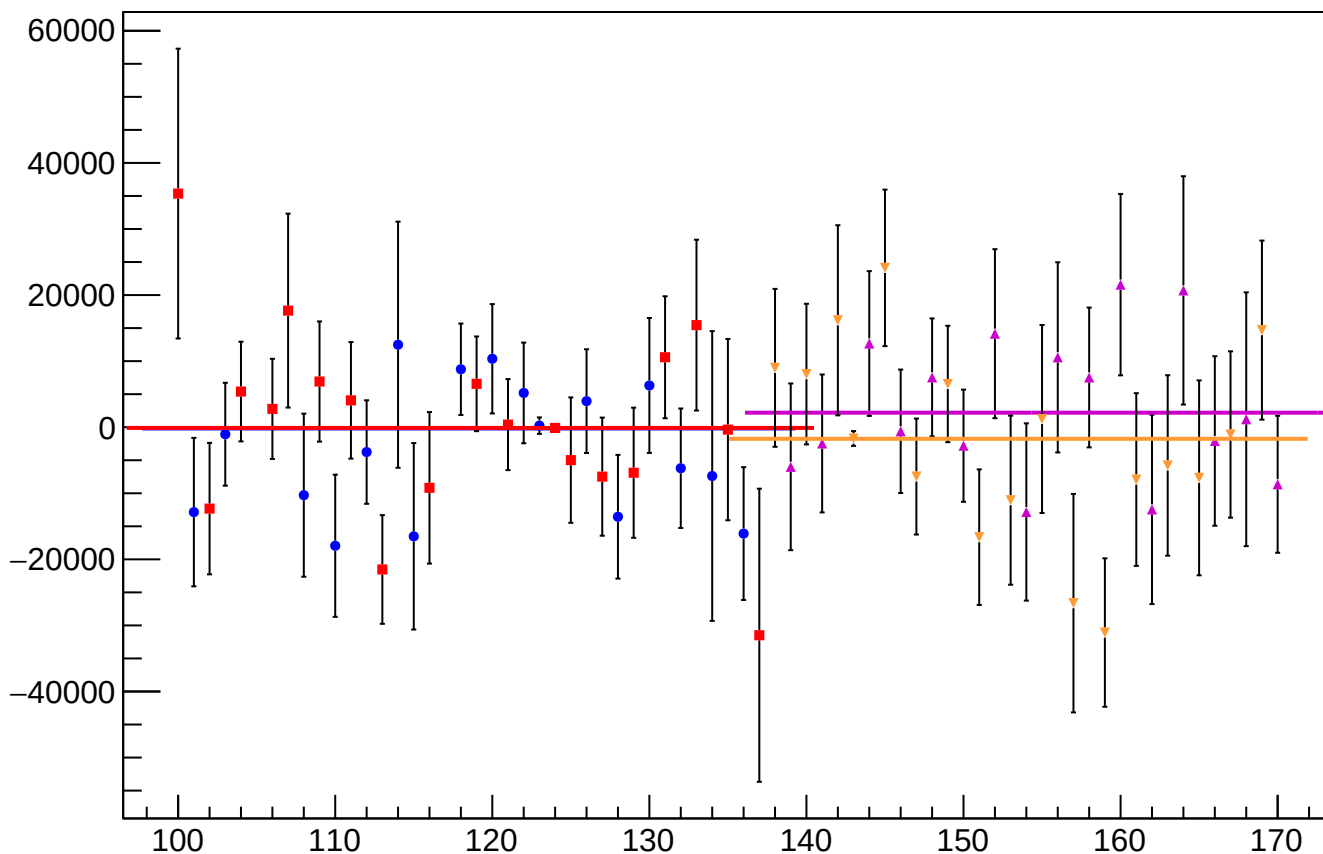
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2433.345 ± 0.399 χ^2/NDF : 1263911.9/32

Out: 2484.637 ± 0.405 χ^2/NDF : 2034808.9/35

All: 2458.626 ± 0.284 χ^2/NDF : 3306855.7/68

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1754.116+/-1049.831 χ^2/NDF : 23.0/16

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 2199.088+/-2902.155 χ^2/NDF : 10.4/15

Left: -1296.671+/-987.223 χ^2/NDF : 35.1/32

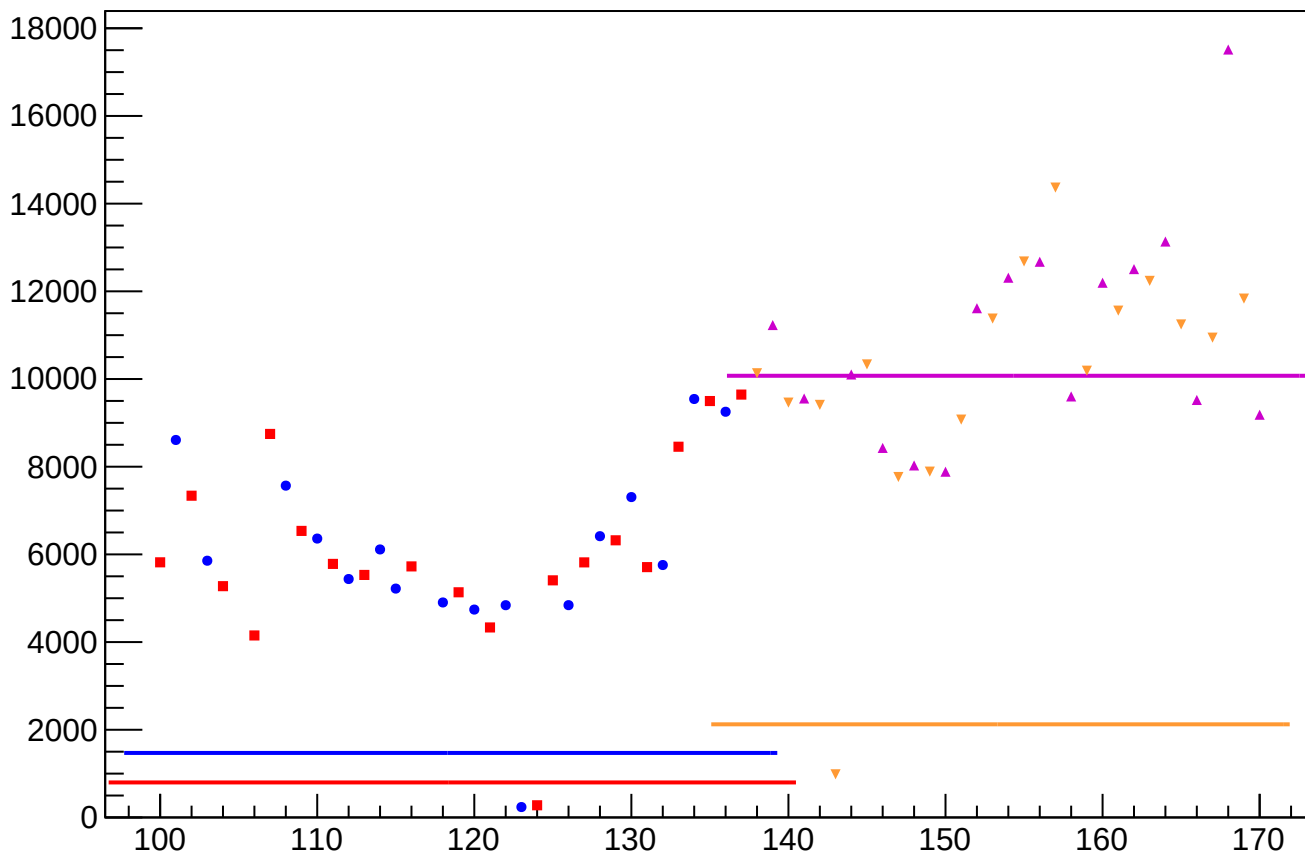
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 114.637+/-1029.231 χ^2/NDF : 27.4/32

Out: -604.330+/-576.980 χ^2/NDF : 46.3/35

All: -432.412+/-503.291 χ^2/NDF : 74.1/68

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 2124.275+/-0.742

χ^2/NDF : 17173799.7/16

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 10073.963+/-2.052

χ^2/NDF : 962501.8/15

Left: 3044.173+/-0.698

χ^2/NDF : 31406612.7/32

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2553.544+/-0.728

χ^2/NDF : 26112767.4/32

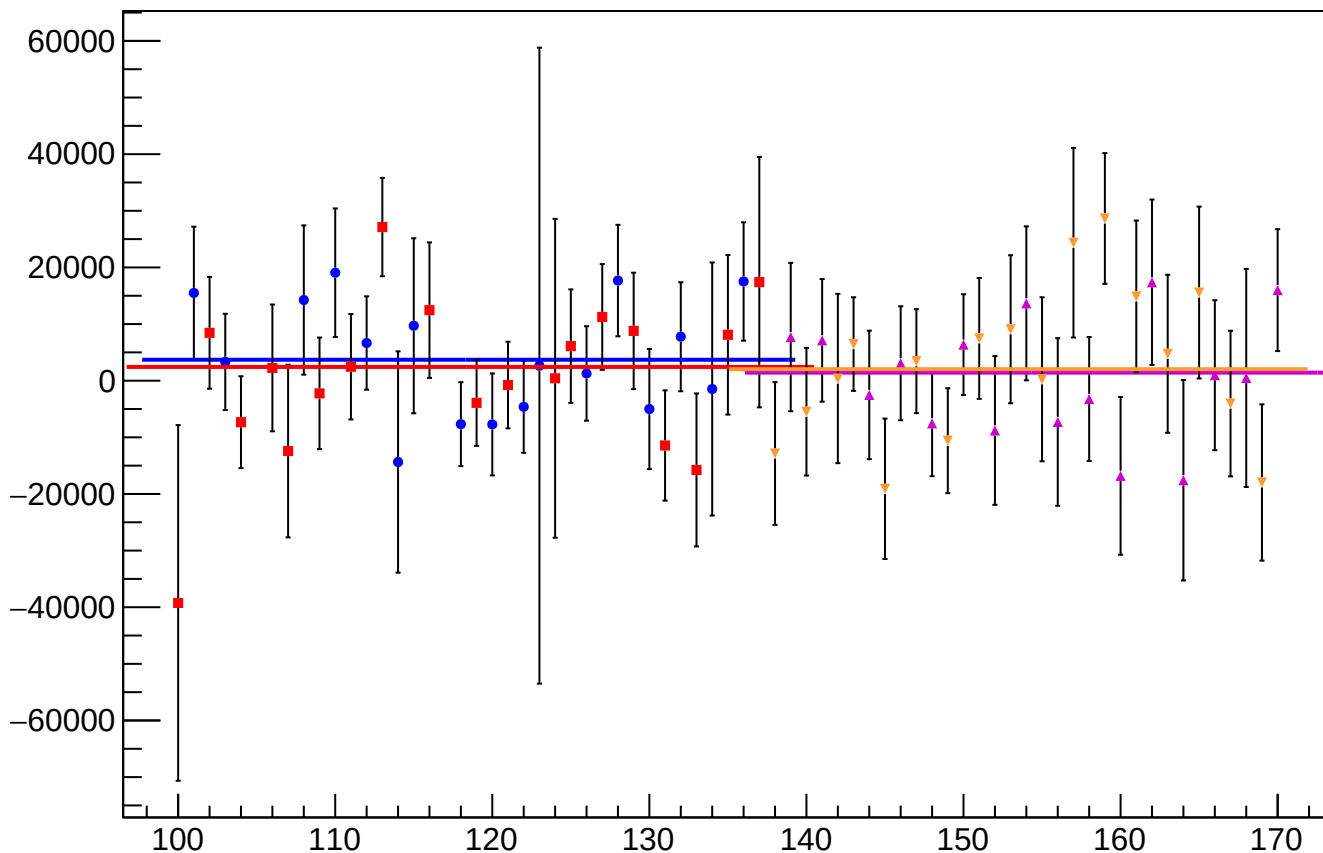
Out: 1199.054+/-0.408

χ^2/NDF : 30926950.0/35

All: 1522.938+/-0.356

χ^2/NDF : 59675282.1/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 ± 2517.949 χ^2/NDF : 14.4/16

Left Out: 2030.546 ± 2884.925 χ^2/NDF : 18.7/16

Right Out: 2430.229 ± 2421.418 χ^2/NDF : 20.3/18

Left In: 1423.671 ± 3011.386 χ^2/NDF : 9.7/15

Left: 1740.118 ± 2083.223 χ^2/NDF : 28.4/32

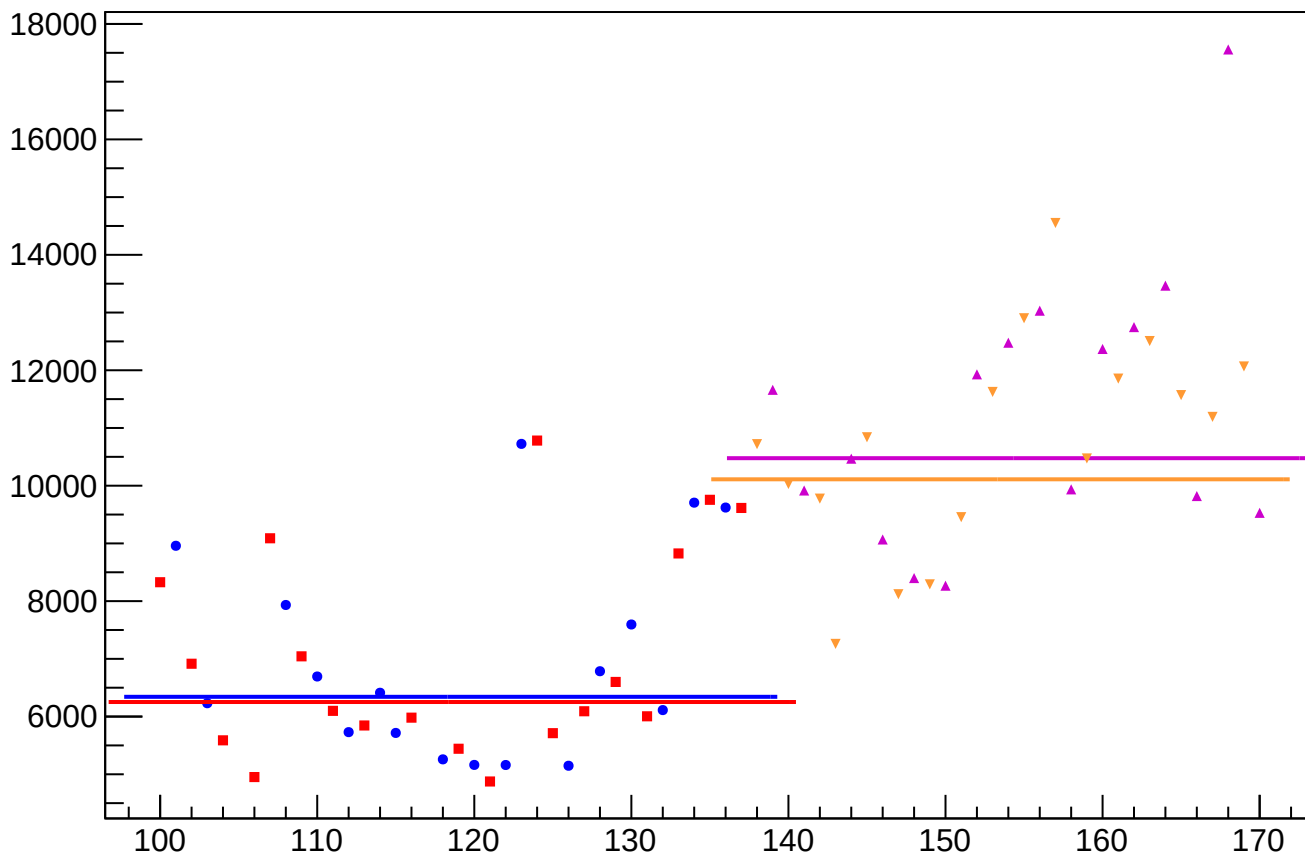
Right: 3039.559 ± 1745.330 χ^2/NDF : 34.8/35

In: 2762.452 ± 1931.670 χ^2/NDF : 24.4/32

Out: 2265.035 ± 1854.699 χ^2/NDF : 39.0/35

All: 2503.636 ± 1337.854 χ^2/NDF : 63.5/68

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10110.608+/-2.040 χ^2/NDF : 839260.5/16

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10476.733+/-2.129 χ^2/NDF : 848647.4/15

Left: 10285.822+/-1.473 χ^2/NDF : 1703323.5/32

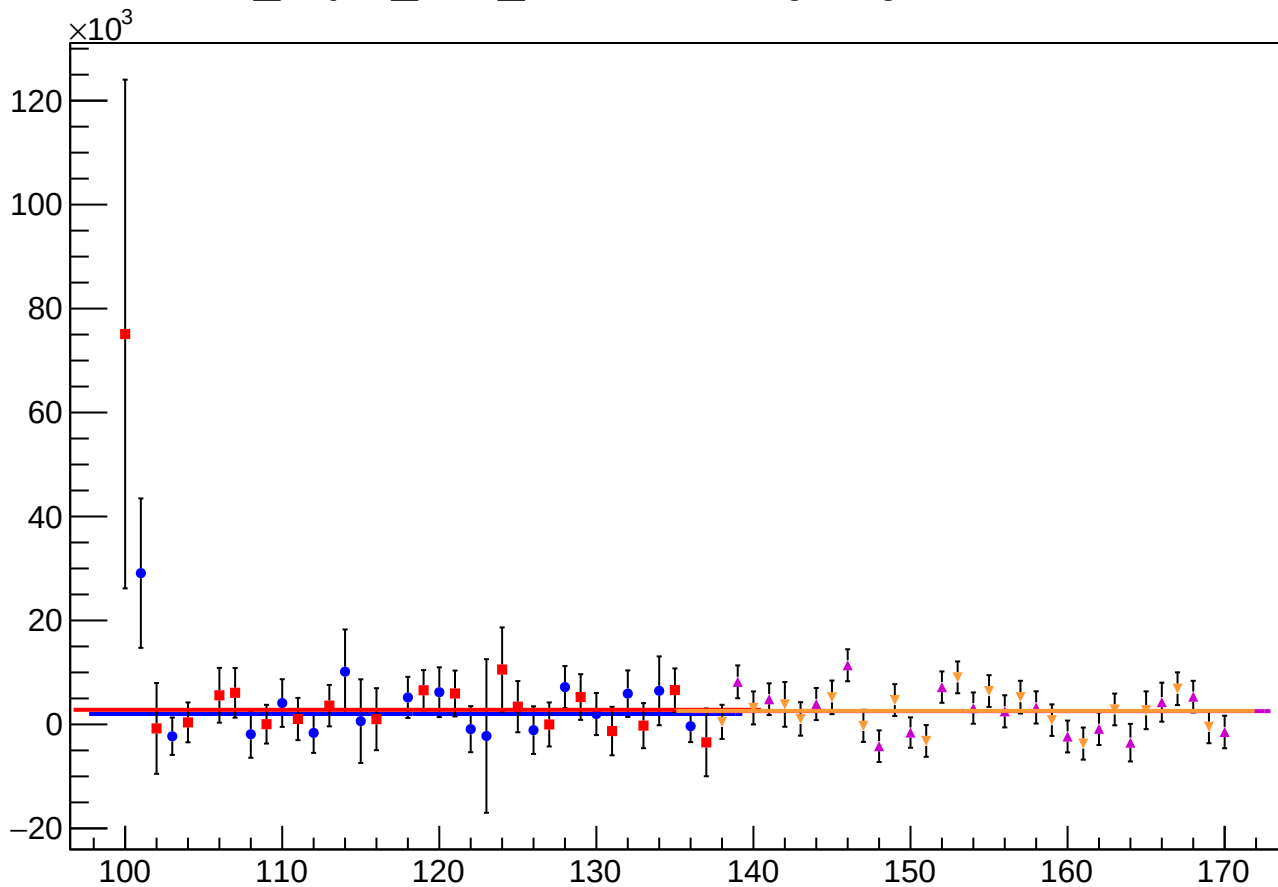
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8043.482+/-1.366 χ^2/NDF : 3661009.7/32

Out: 7846.803+/-1.311 χ^2/NDF : 3476305.6/35

All: 7941.143+/-0.946 χ^2/NDF : 7148103.9/68

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2607.509+/-774.158 χ^2/NDF : 20.3/16

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 2555.004+/-781.578 χ^2/NDF : 30.7/15

Left: 2581.506+/-550.017 χ^2/NDF : 51.0/32

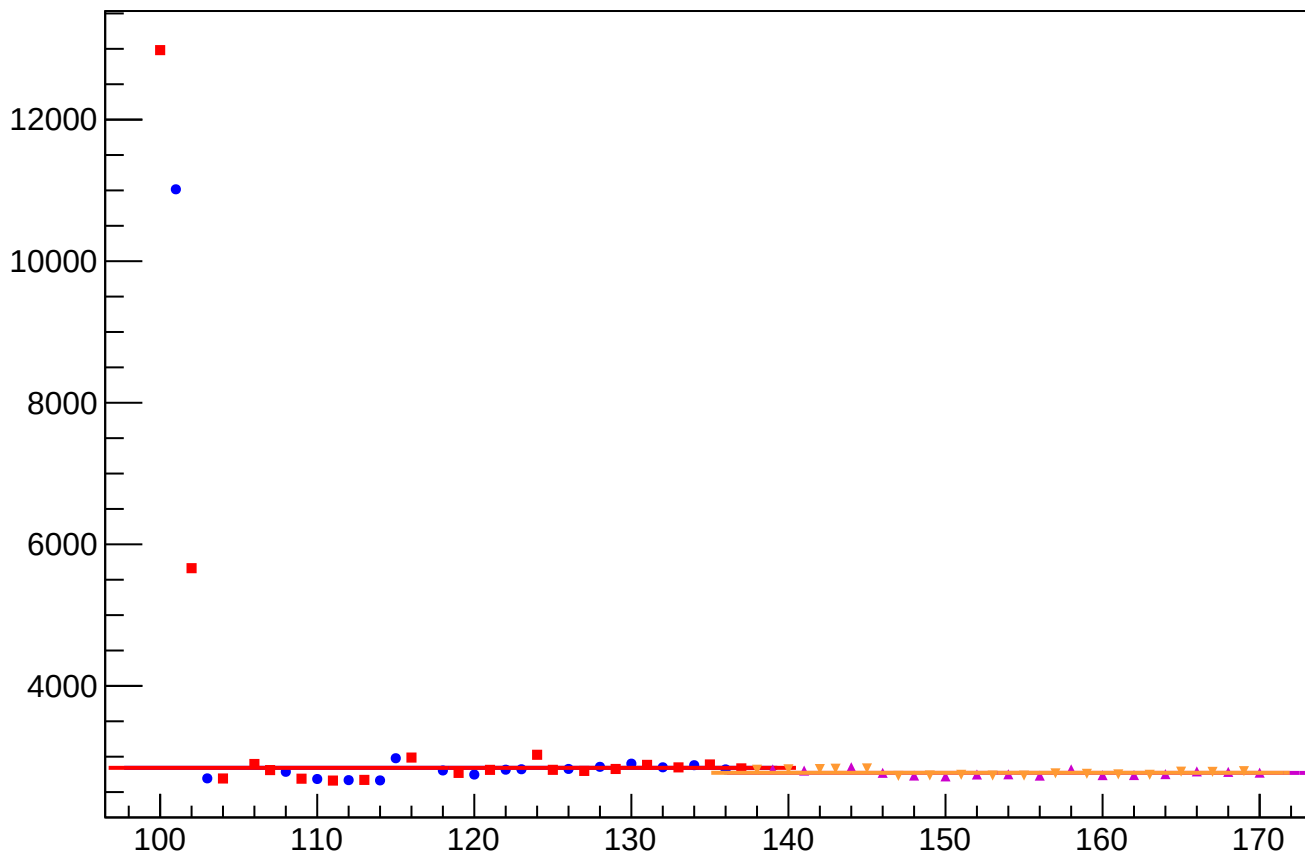
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2375.917+/-641.957 χ^2/NDF : 44.6/32

Out: 2676.264+/-630.491 χ^2/NDF : 30.8/35

All: 2528.796+/-449.824 χ^2/NDF : 75.5/68

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.476+/-0.547 χ^2/NDF : 4563.3/16

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2770.774+/-0.553 χ^2/NDF : 4511.1/15

Left: 2771.633+/-0.389 χ^2/NDF : 9079.2/32

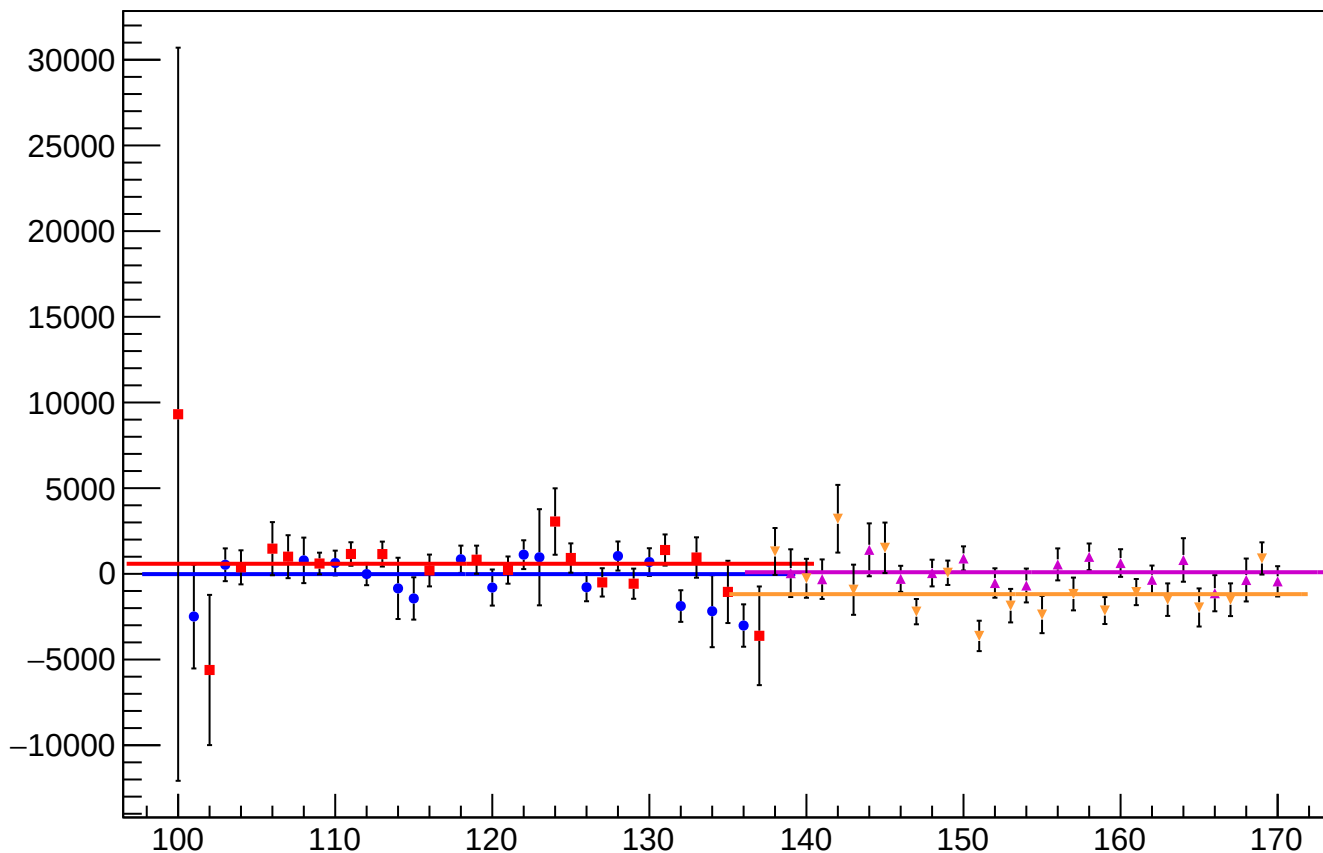
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2794.153+/-0.454 χ^2/NDF : 670316.3/32

Out: 2796.035+/-0.446 χ^2/NDF : 322399.2/35

All: 2795.111+/-0.318 χ^2/NDF : 992724.2/68

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1184.347 ± 235.420 χ^2/NDF : 33.7/16

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 95.249 ± 231.314 χ^2/NDF : 8.0/15

Left: -533.293 ± 164.996 χ^2/NDF : 56.7/32

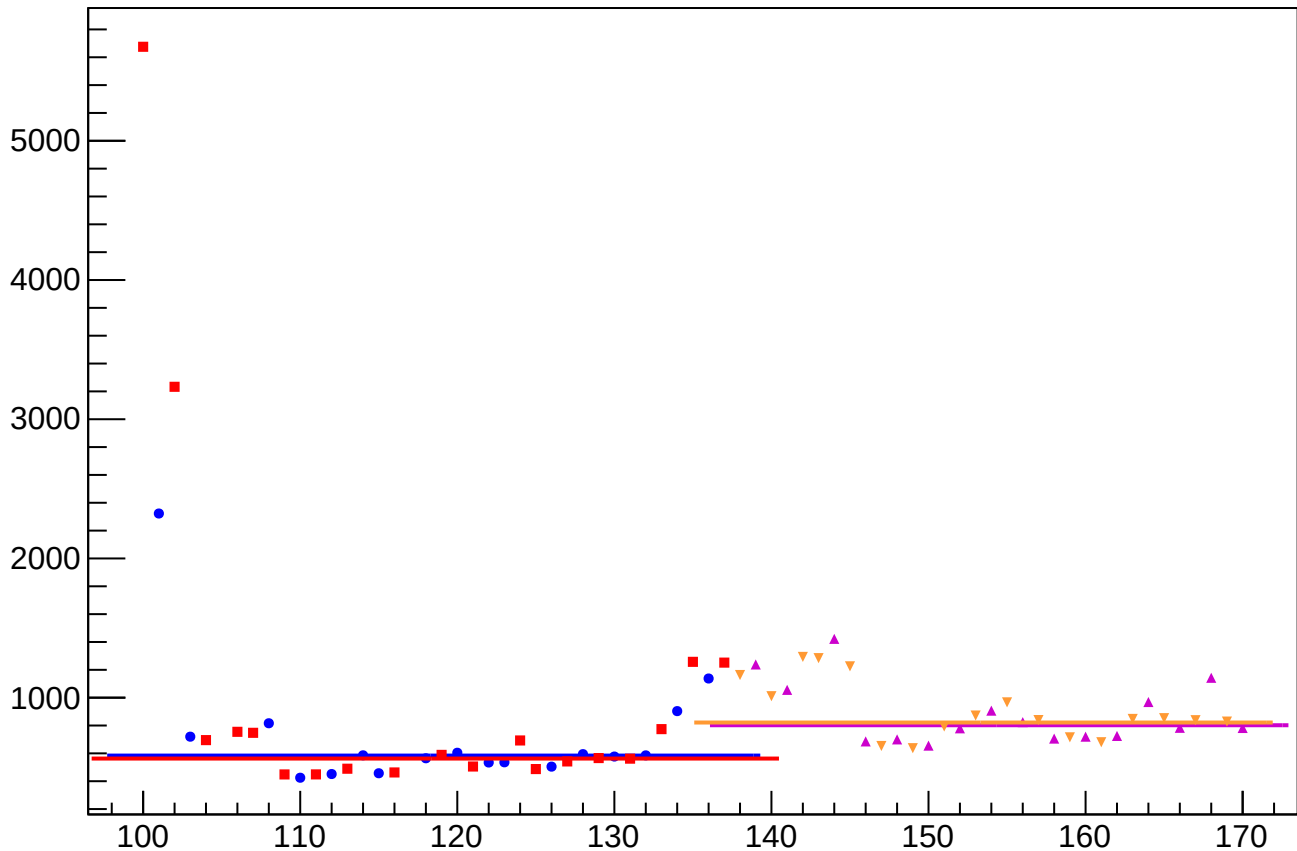
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 41.589 ± 166.168 χ^2/NDF : 29.7/32

Out: -260.914 ± 162.959 χ^2/NDF : 76.7/35

All: -112.612 ± 116.347 χ^2/NDF : 108.1/68

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 821.551+/-0.166 χ^2/NDF :1034738.8/16

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 802.009+/-0.164 χ^2/NDF :1061464.1/15

Left: 811.608+/-0.117 χ^2/NDF : 2103215.0/32

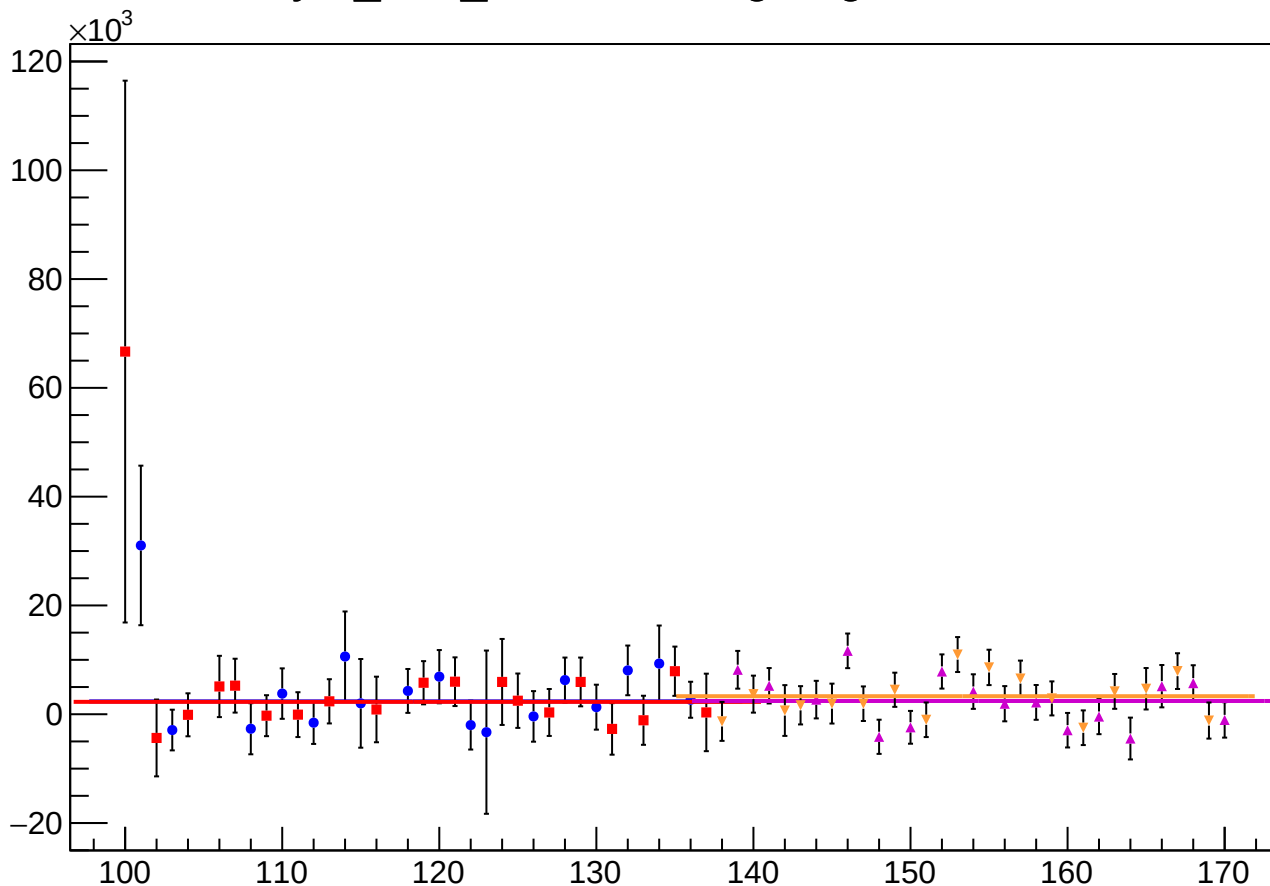
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 696.530+/-0.117 χ^2/NDF :3357398.5/32

Out: 686.724+/-0.115 χ^2/NDF :3933768.0/35

All: 691.531+/-0.082 χ^2/NDF : 7294717.2/68

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3313.153 $\pm$ 816.785 χ^2 /NDF: 21.2/16

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2435.412 $\pm$ 822.046 χ^2 /NDF: 31.6/15

Left: 2877.100 $\pm$ 579.405 χ^2 /NDF: 53.4/32

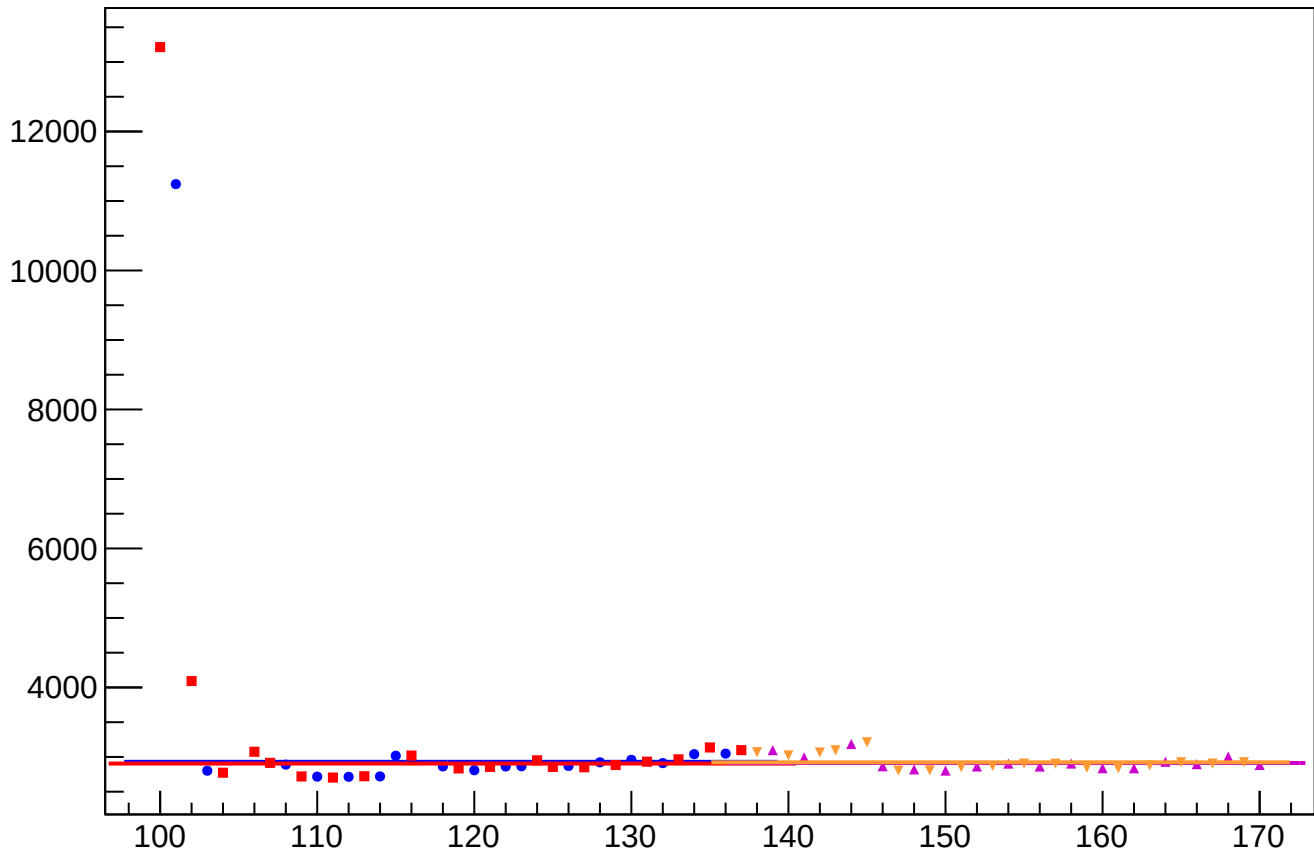
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2411.135 $\pm$ 670.695 χ^2 /NDF: 46.7/32

Out: 2950.070 $\pm$ 658.216 χ^2 /NDF: 32.0/35

All: 2685.663 $\pm$ 469.779 χ^2 /NDF: 79.0/68

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2923.038+/-0.578 χ^2/NDF : 34433.5/16

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2912.728+/-0.581 χ^2/NDF : 29225.9/15

Left: 2917.916+/-0.410 χ^2/NDF : 63817.7/32

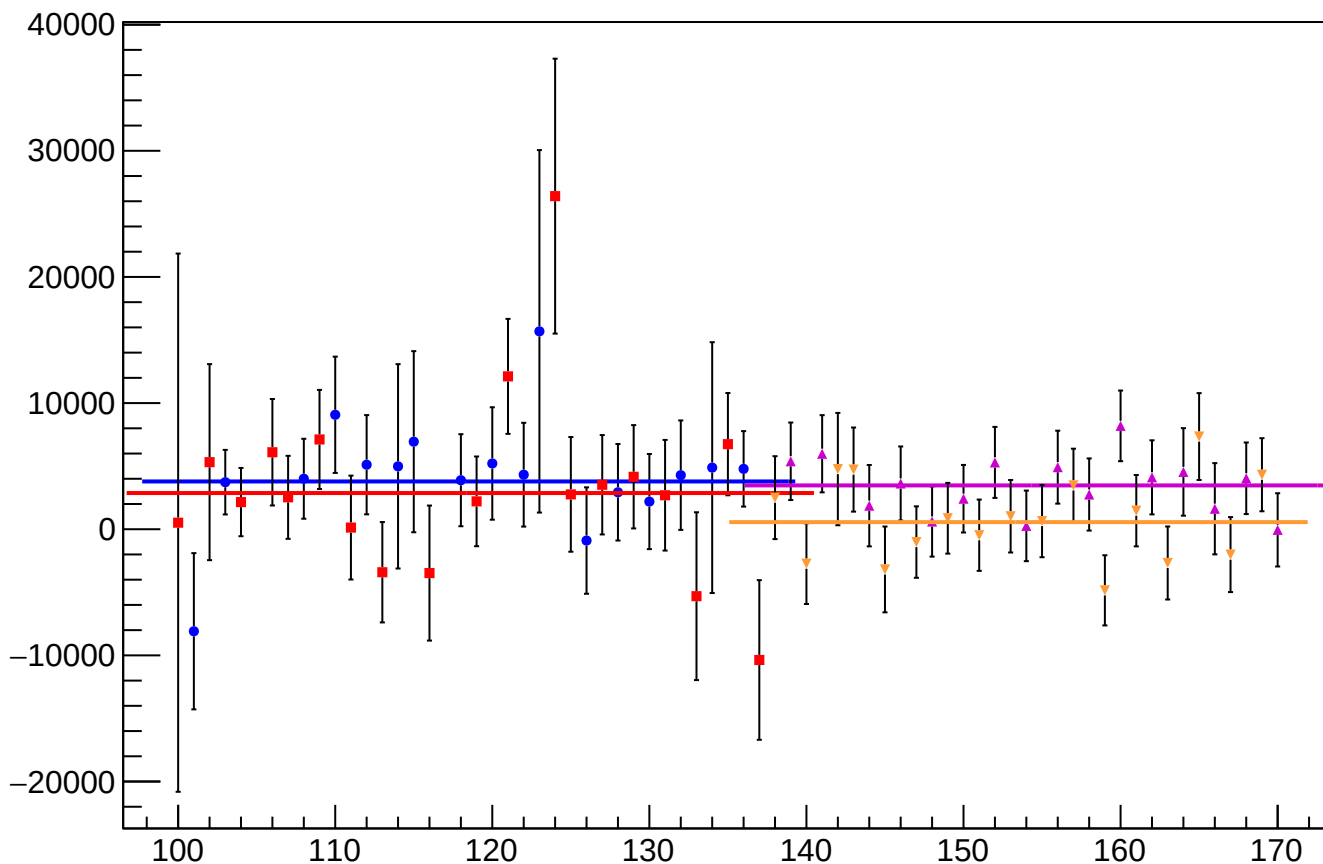
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2918.386+/-0.474 χ^2/NDF : 692138.4/32

Out: 2916.563+/-0.465 χ^2/NDF : 204080.7/35

All: 2917.458+/-0.332 χ^2/NDF : 896226.6/68

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 563.434+/-736.054 χ^2/NDF : 18.0/16

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3473.312+/-738.135 χ^2/NDF : 9.3/15

Left: 2014.264+/-521.203 χ^2/NDF : 35.1/32

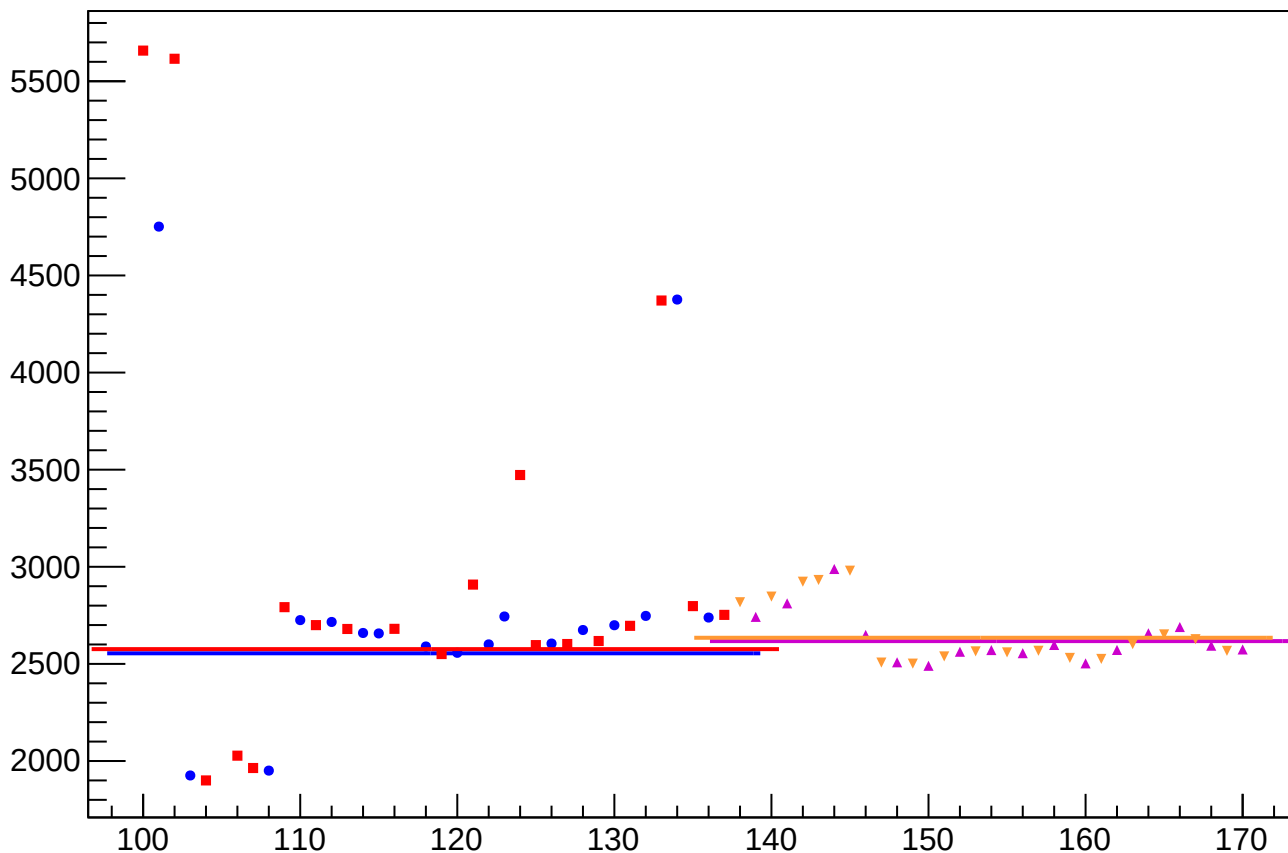
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3583.083+/-595.561 χ^2/NDF : 17.1/32

Out: 1370.662+/-593.404 χ^2/NDF : 43.5/35

All: 2472.859+/-420.360 χ^2/NDF : 67.5/68

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2634.559 $\pm$ 0.520 χ^2 /NDF:81594.5/16

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2617.329 $\pm$ 0.522 χ^2 /NDF:53491.8/15

Left: 2625.968 $\pm$ 0.369 χ^2 /NDF: 135632.6/32

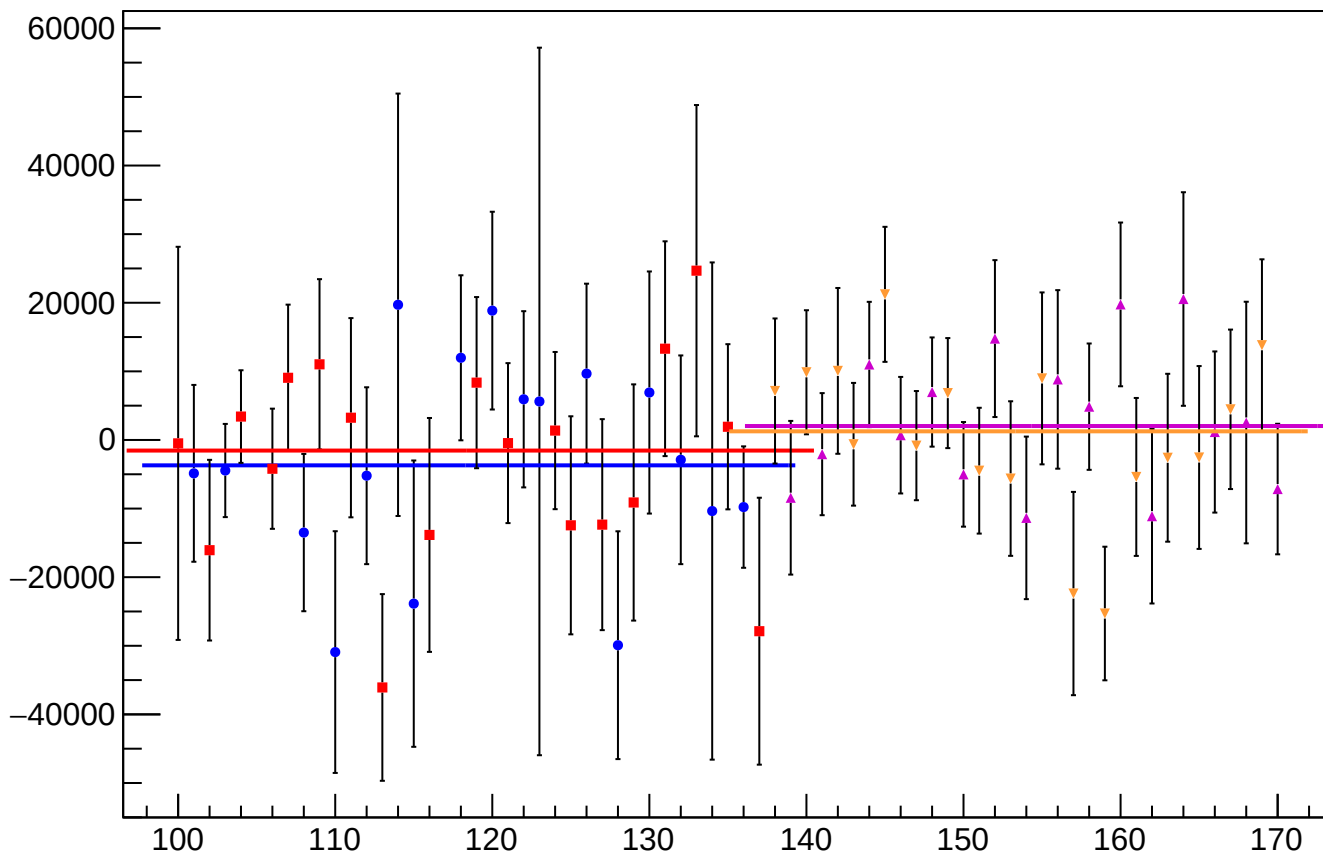
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2595.415 $\pm$ 0.421 χ^2 /NDF:595169.1/32

Out: 2614.076 $\pm$ 0.420 χ^2 /NDF:851172.9/35

All: 2604.781 $\pm$ 0.297 χ^2 /NDF: 1447327.6/68

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 1258.563 $\pm$ 2523.178 χ^2 /NDF: 19.2/16

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 2032.317 $\pm$ 2575.339 χ^2 /NDF: 11.8/15

Left: 1637.525 $\pm$ 1802.315 χ^2 /NDF: 31.1/32

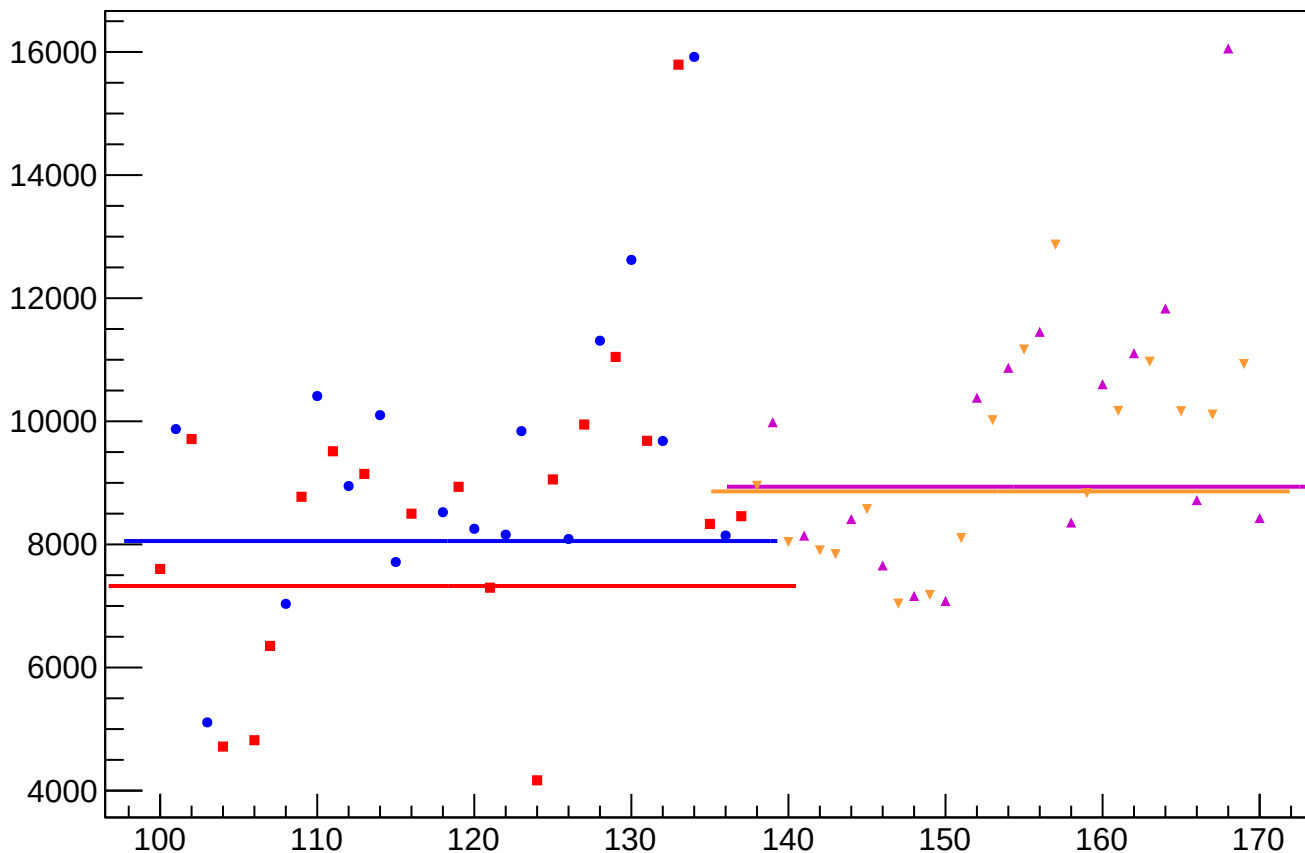
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: -205.626 $\pm$ 2010.677 χ^2 /NDF: 27.6/32

Out: 49.213 $\pm$ 1902.644 χ^2 /NDF: 36.5/35

All: -71.176 $\pm$ 1381.987 χ^2 /NDF: 64.1/68

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8861.283 $\pm$ 1.784 χ^2 /NDF: 680588.4/16

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8937.624 $\pm$ 1.821 χ^2 /NDF: 971085.3/15

Left: 8898.673 $\pm$ 1.274 χ^2 /NDF: 1652570.4/32

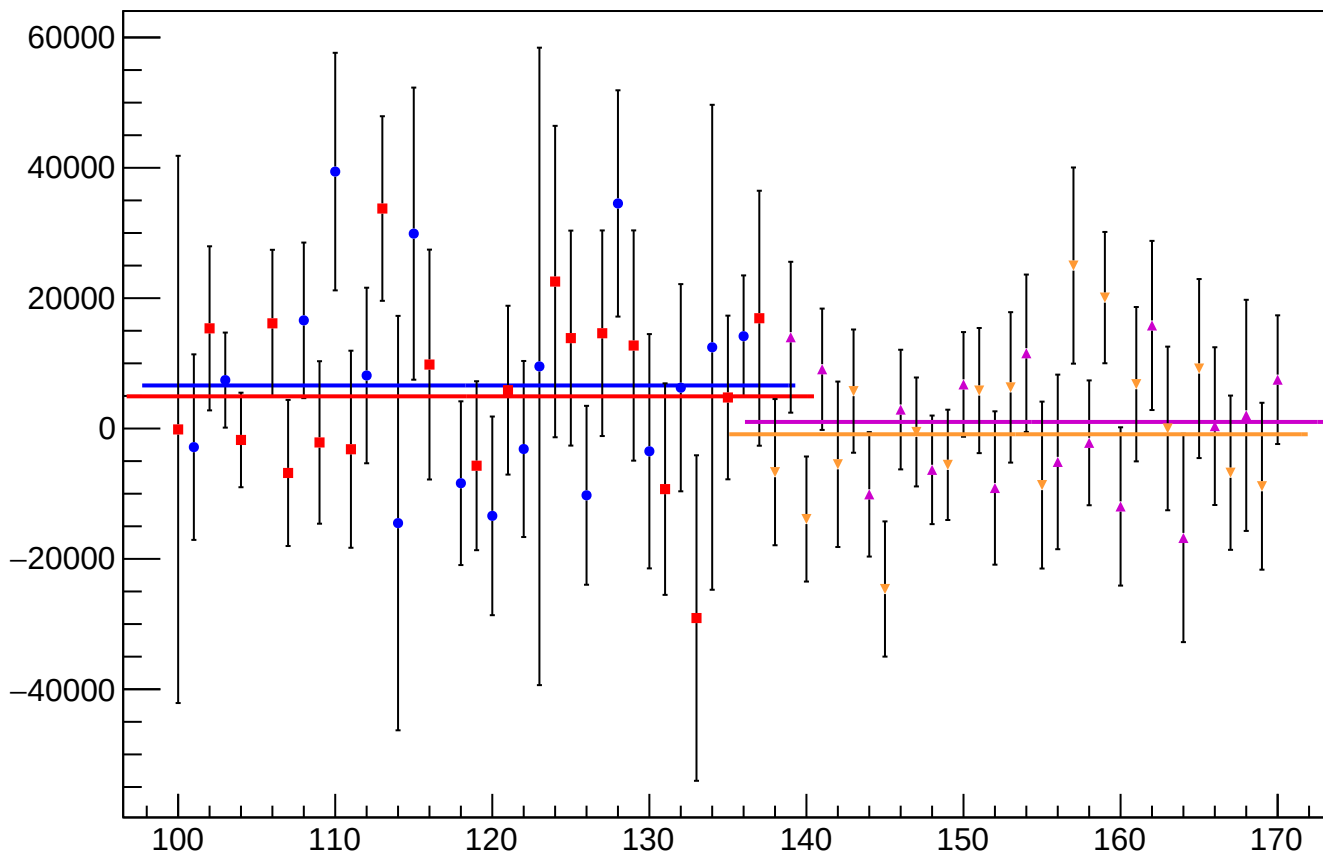
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8592.923 $\pm$ 1.422 χ^2 /NDF: 1883616.8/32

Out: 8198.250 $\pm$ 1.345 χ^2 /NDF: 2336874.8/35

All: 8384.699 $\pm$ 0.977 χ^2 /NDF: 4261146.6/68

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -879.670 $\pm$ 2630.295 χ^2/NDF : 18.4/16

Right Out: 4938.727 $\pm$ 3167.808 χ^2/NDF : 13.6/18

Left In: 1011.120 $\pm$ 2679.885 χ^2/NDF : 10.6/15

Left: 48.069 $\pm$ 1877.187 χ^2/NDF : 29.3/32

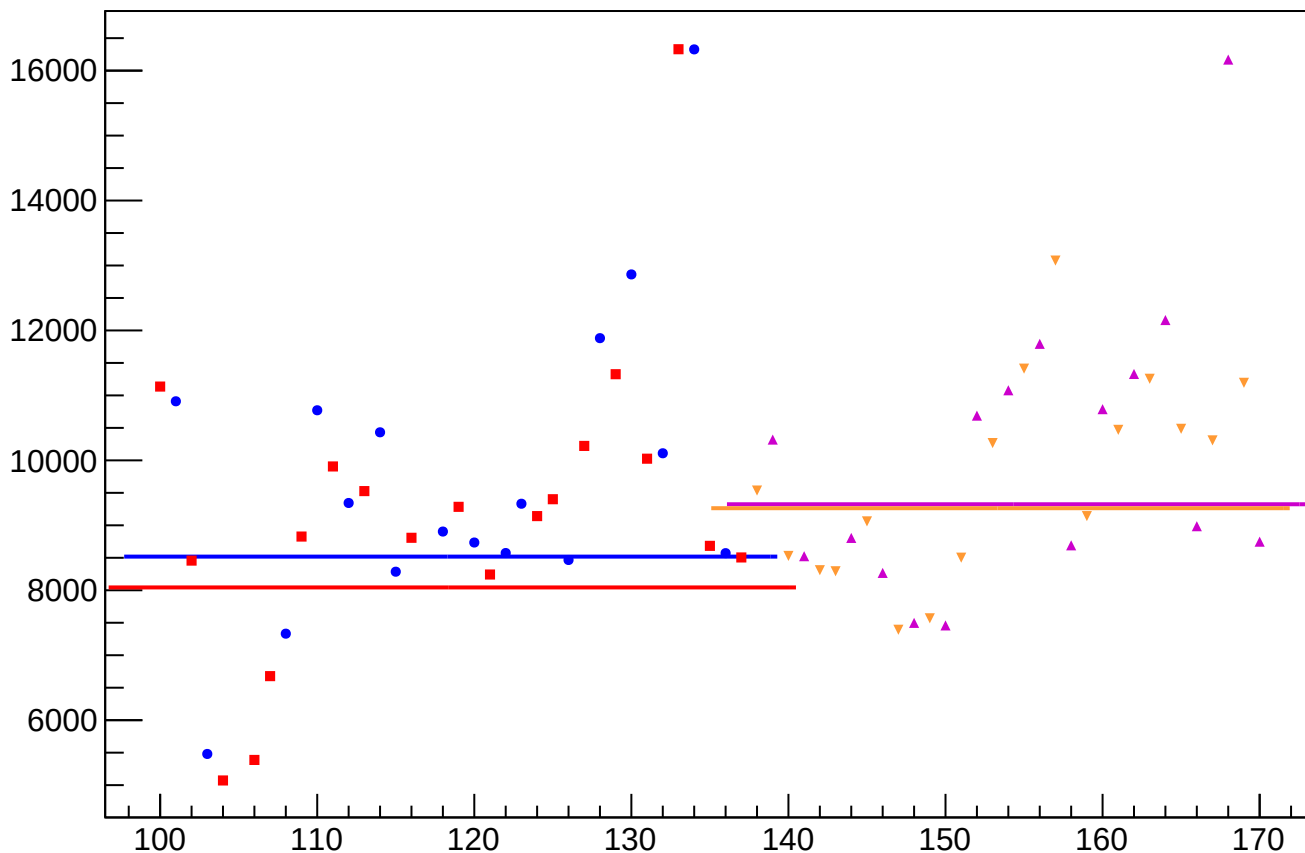
Right: 5715.122 $\pm$ 2316.410 χ^2/NDF : 28.4/35

In: 3158.787 $\pm$ 2103.716 χ^2/NDF : 27.0/32

Out: 1494.730 $\pm$ 2023.644 χ^2/NDF : 34.0/35

All: 2294.488 $\pm$ 1458.418 χ^2/NDF : 61.3/68

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9263.435+/-1.860 χ^2/NDF : 587312.1/16

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9324.202+/-1.895 χ^2/NDF : 858320.6/15

Left: 9293.251+/-1.327 χ^2/NDF : 1446156.5/32

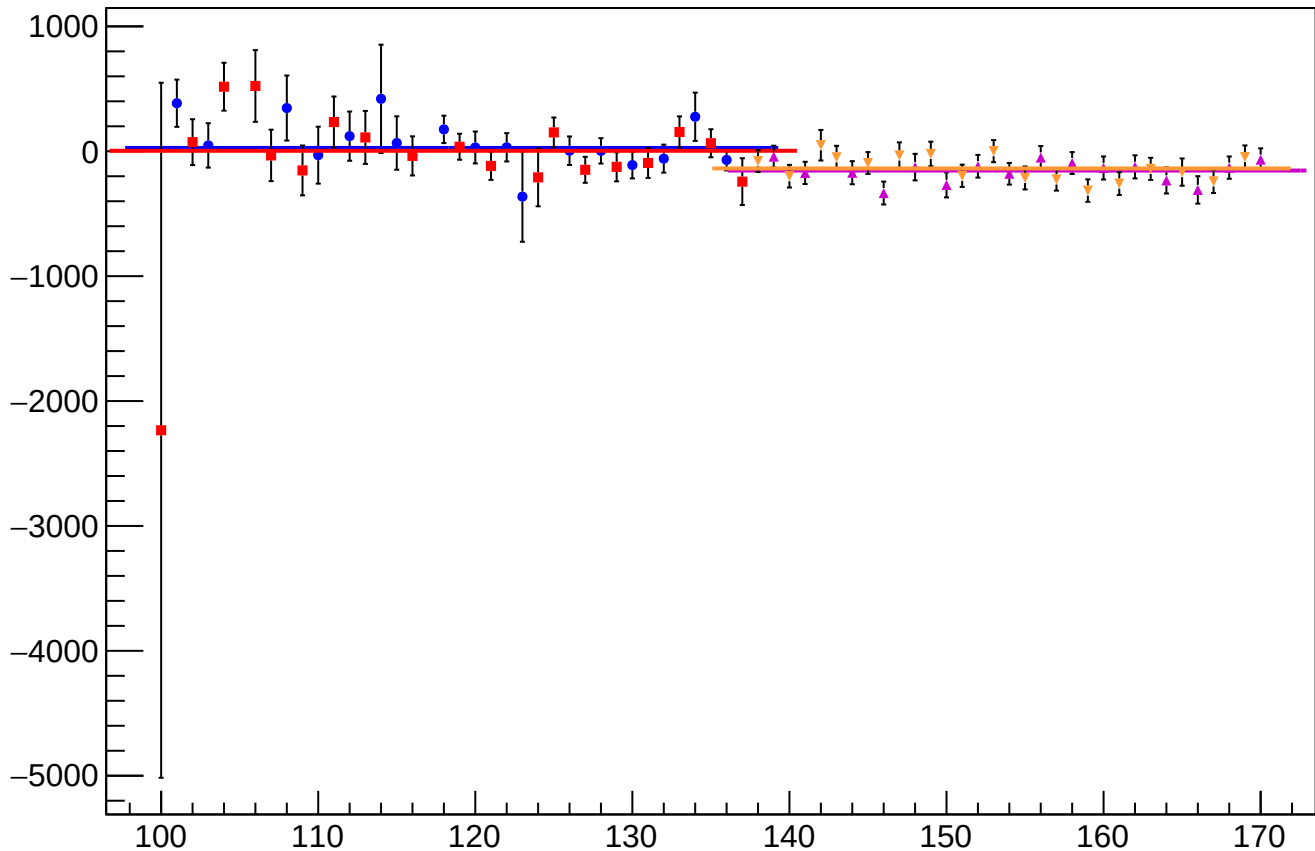
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9014.909+/-1.488 χ^2/NDF : 1699732.4/32

Out: 8765.680+/-1.431 χ^2/NDF : 1716387.3/35

All: 8885.460+/-1.031 χ^2/NDF : 3430699.6/68

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -137.366 ± 22.679 $\chi^2/\text{NDF}: 19.2/16$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -154.322 ± 23.307 $\chi^2/\text{NDF}: 12.7/15$

Left: -145.613 ± 16.254 $\chi^2/\text{NDF}: 32.2/32$

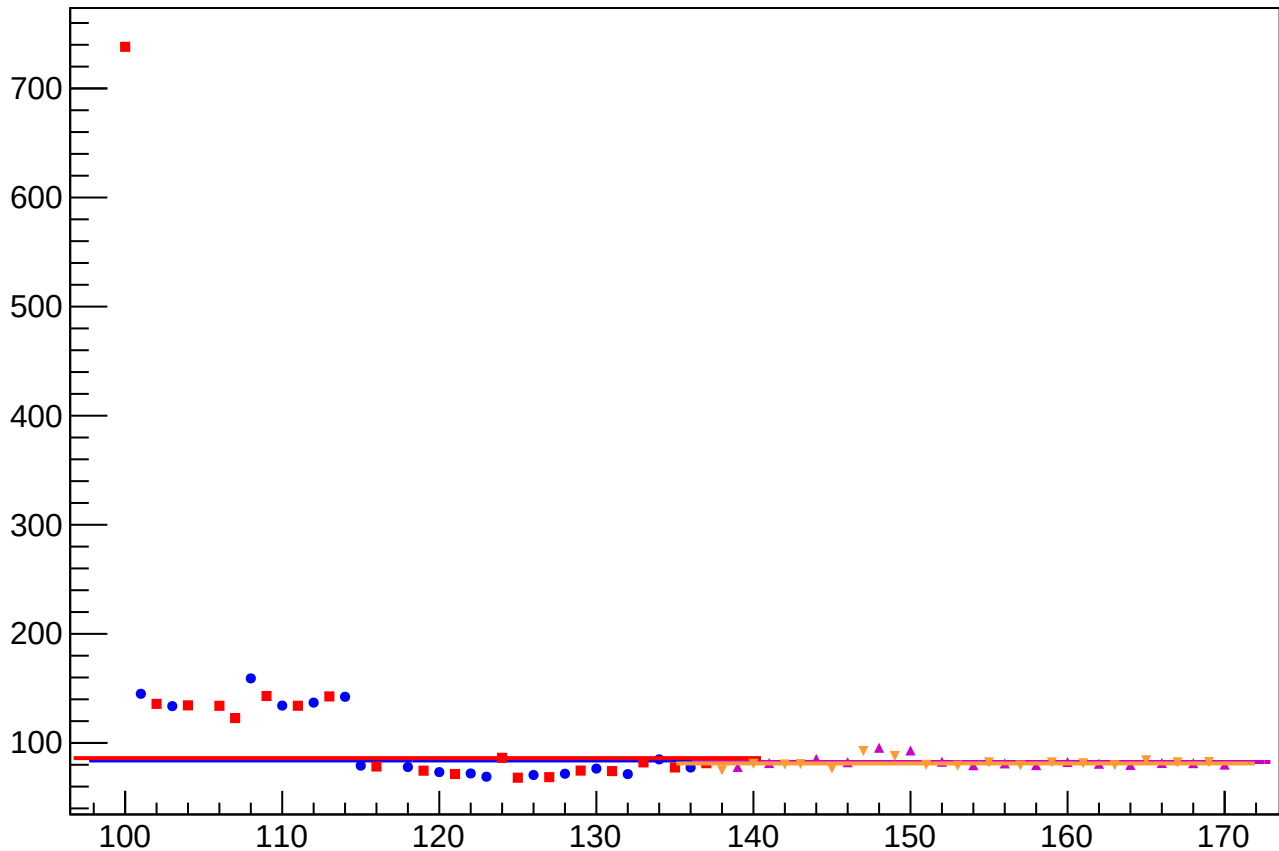
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -95.574 ± 19.155 $\chi^2/\text{NDF}: 46.8/32$

Out: -93.549 ± 18.839 $\chi^2/\text{NDF}: 55.8/35$

All: -94.545 ± 13.432 $\chi^2/\text{NDF}: 102.6/68$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.219 $\pm$ 0.016 χ^2 /NDF: 55060.4/16

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 82.542 $\pm$ 0.016 χ^2 /NDF: 68703.3/15

Left: 81.862 $\pm$ 0.011 χ^2 /NDF: 127075.2/32

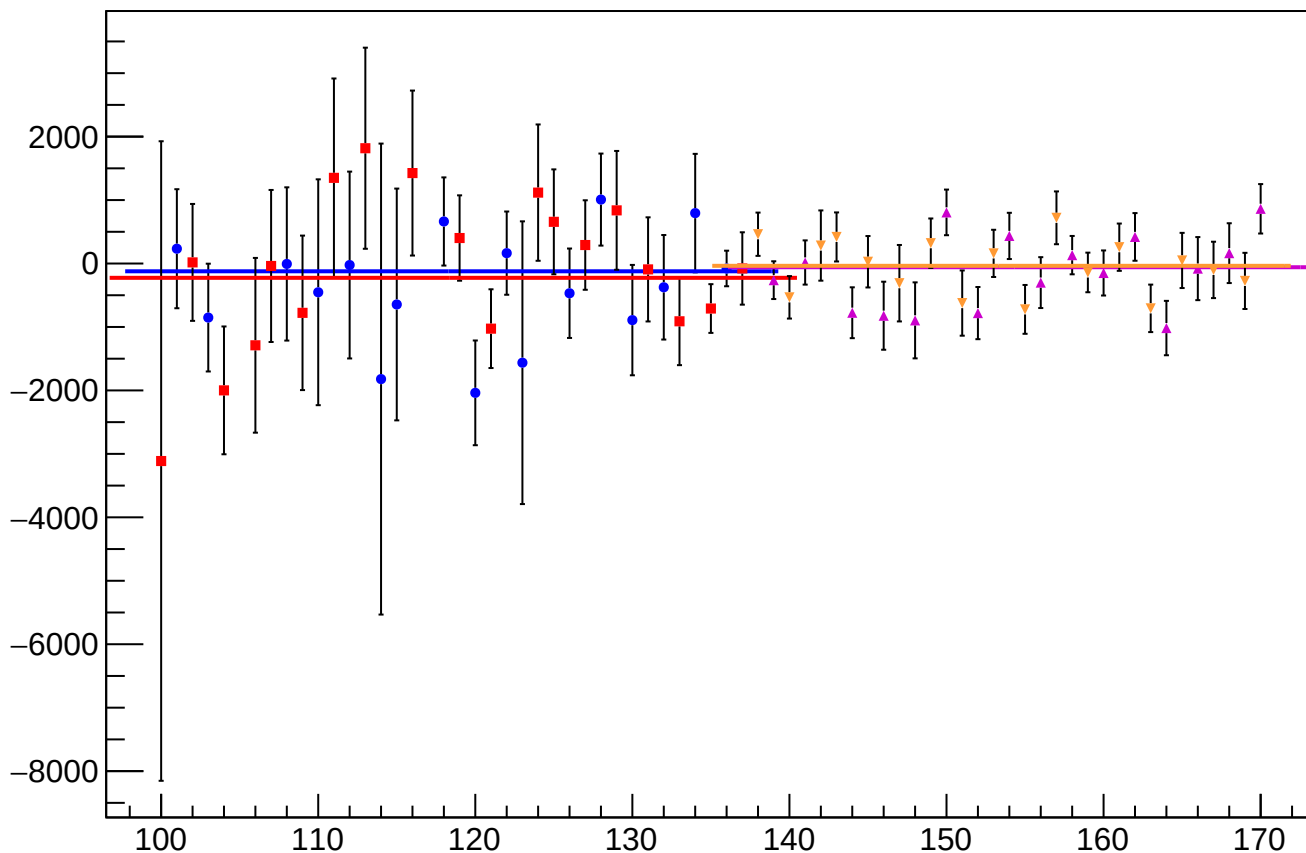
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.002 $\pm$ 0.014 χ^2 /NDF: 1031361.0/32

Out: 82.734 $\pm$ 0.013 χ^2 /NDF: 1220103.7/35

All: 82.866 $\pm$ 0.009 χ^2 /NDF: 2251663.9/68

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -36.227 ± 96.882 $\chi^2/\text{NDF}: 19.5/16$

Right Out: -225.420 ± 184.973 $\chi^2/\text{NDF}: 18.3/18$

Left In: -58.641 ± 97.133 $\chi^2/\text{NDF}: 31.7/15$

Left: -47.405 ± 68.595 $\chi^2/\text{NDF}: 51.2/32$

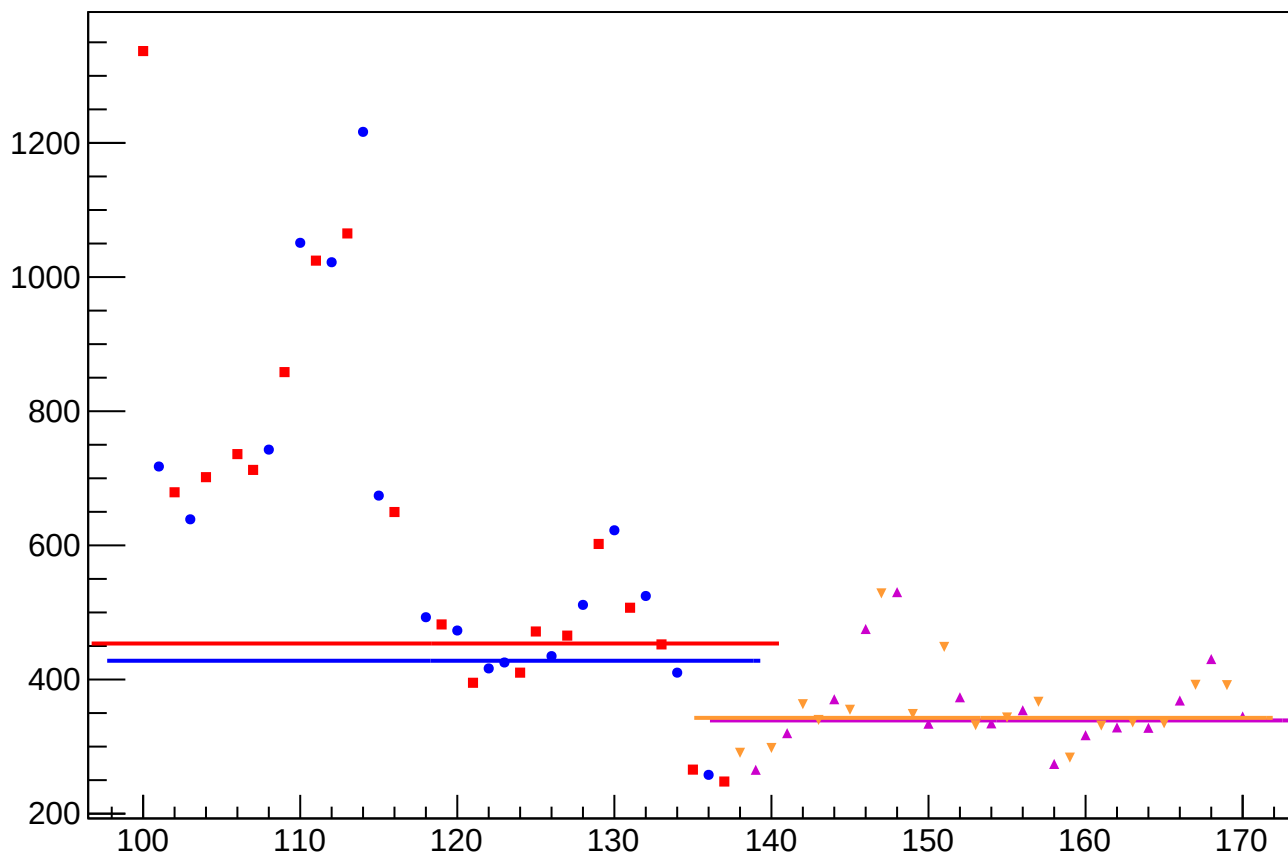
Right: -172.394 ± 128.849 $\chi^2/\text{NDF}: 31.5/35$

In: -73.074 ± 85.437 $\chi^2/\text{NDF}: 44.8/32$

Out: -76.955 ± 85.823 $\chi^2/\text{NDF}: 38.6/35$

All: -75.006 ± 60.549 $\chi^2/\text{NDF}: 83.4/68$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 342.833+/-0.069 χ^2/NDF :494800.4/16

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 339.008+/-0.069 χ^2/NDF :677203.1/15

Left: 340.925+/-0.049 χ^2/NDF : 1173557.9/32

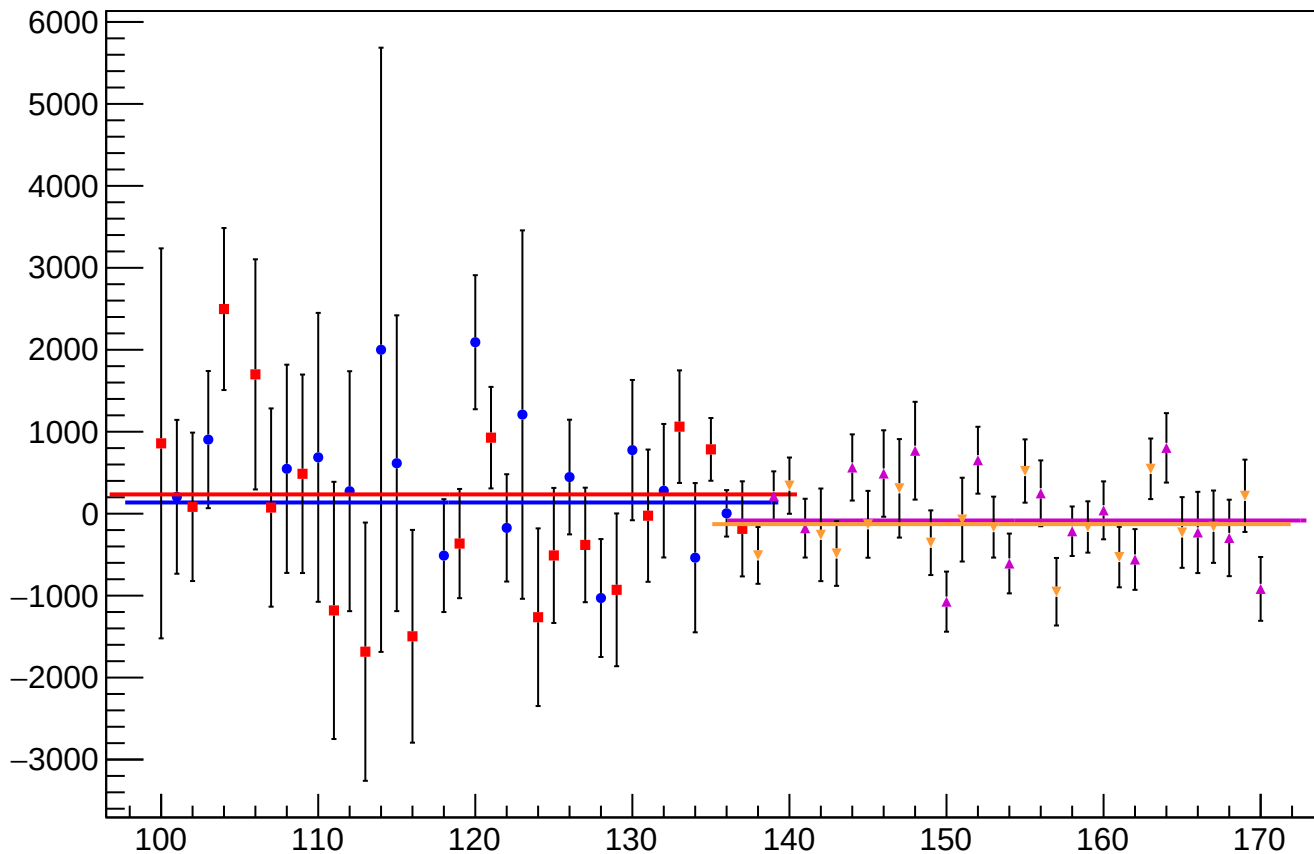
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.146+/-0.060 χ^2/NDF :3119286.0/32

Out: 366.699+/-0.061 χ^2/NDF :3193156.2/35

All: 362.906+/-0.043 χ^2/NDF : 6320221.4/68

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF : 12.6/16

Left Out: -127.571+/-97.260 χ^2/NDF : 16.9/16

Right Out: 235.334+/-184.025 χ^2/NDF : 21.8/18

Left In: -82.891+/-97.401 χ^2/NDF : 31.3/15

Left: -105.264+/-68.823 χ^2/NDF : 48.3/32

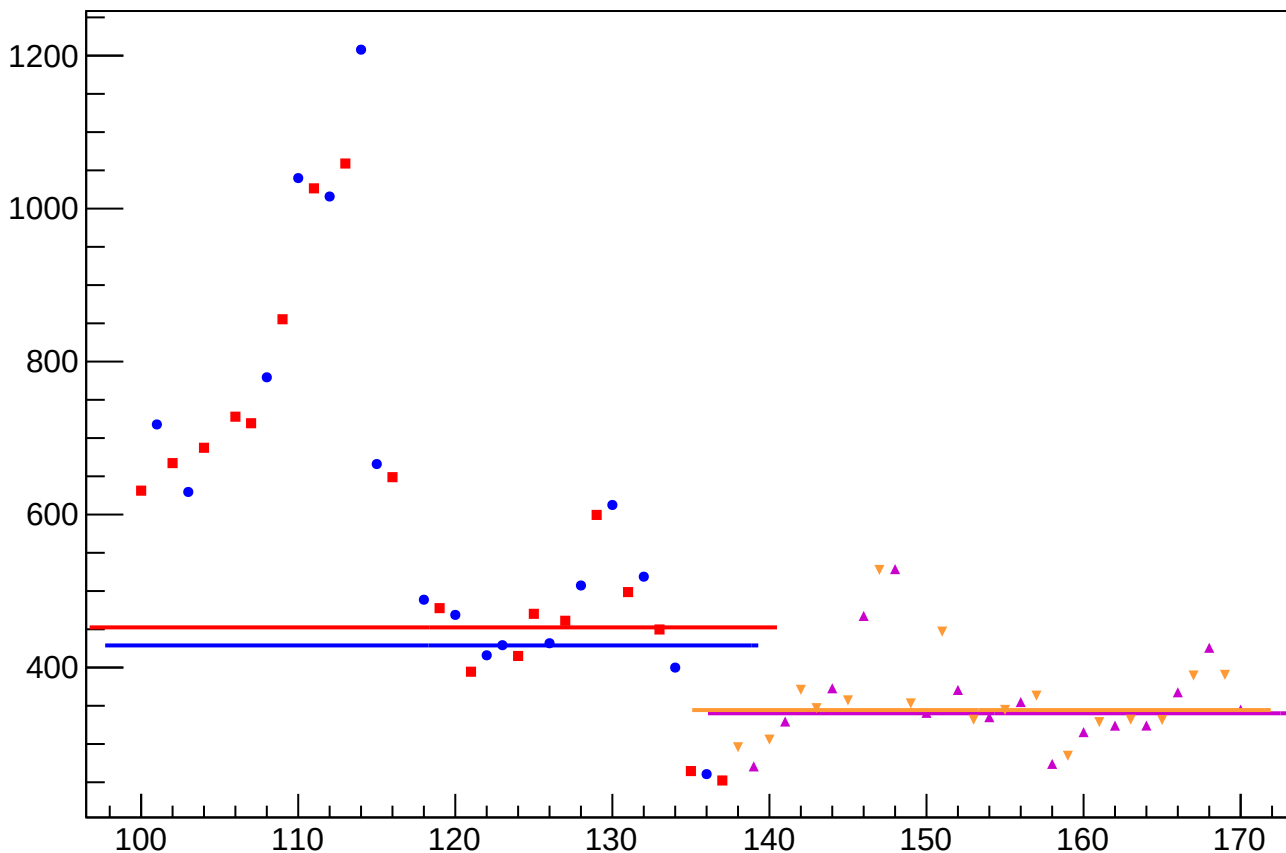
Right: 184.875+/-128.536 χ^2/NDF : 34.6/35

In: -32.963+/-85.622 χ^2/NDF : 45.1/32

Out: -48.335+/-85.989 χ^2/NDF : 41.7/35

All: -40.616+/-60.673 χ^2/NDF : 86.8/68

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 344.397+/-0.069 χ^2/NDF : 468281.0/16

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 340.175+/-0.069 χ^2/NDF : 635886.7/15

Left: 342.289+/-0.049 χ^2/NDF : 1106049.2/32

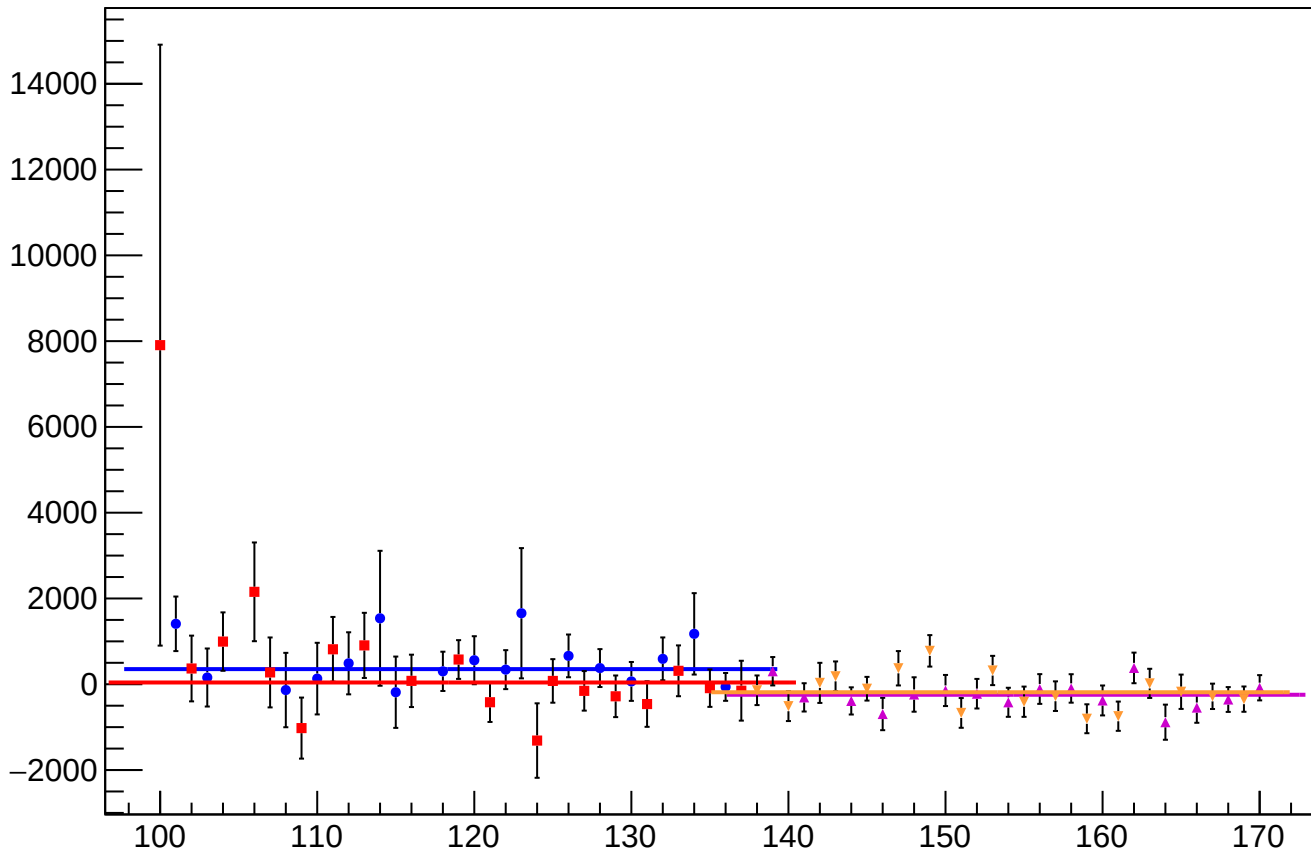
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.335+/-0.061 χ^2/NDF : 3023532.0/32

Out: 367.997+/-0.061 χ^2/NDF : 3049721.8/35

All: 364.150+/-0.043 χ^2/NDF : 6081226.0/68

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -186.267 ± 83.073 $\chi^2/\text{NDF}: 22.6/16$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -245.140 ± 85.401 $\chi^2/\text{NDF}: 11.9/15$

Left: -214.890 ± 59.547 $\chi^2/\text{NDF}: 34.8/32$

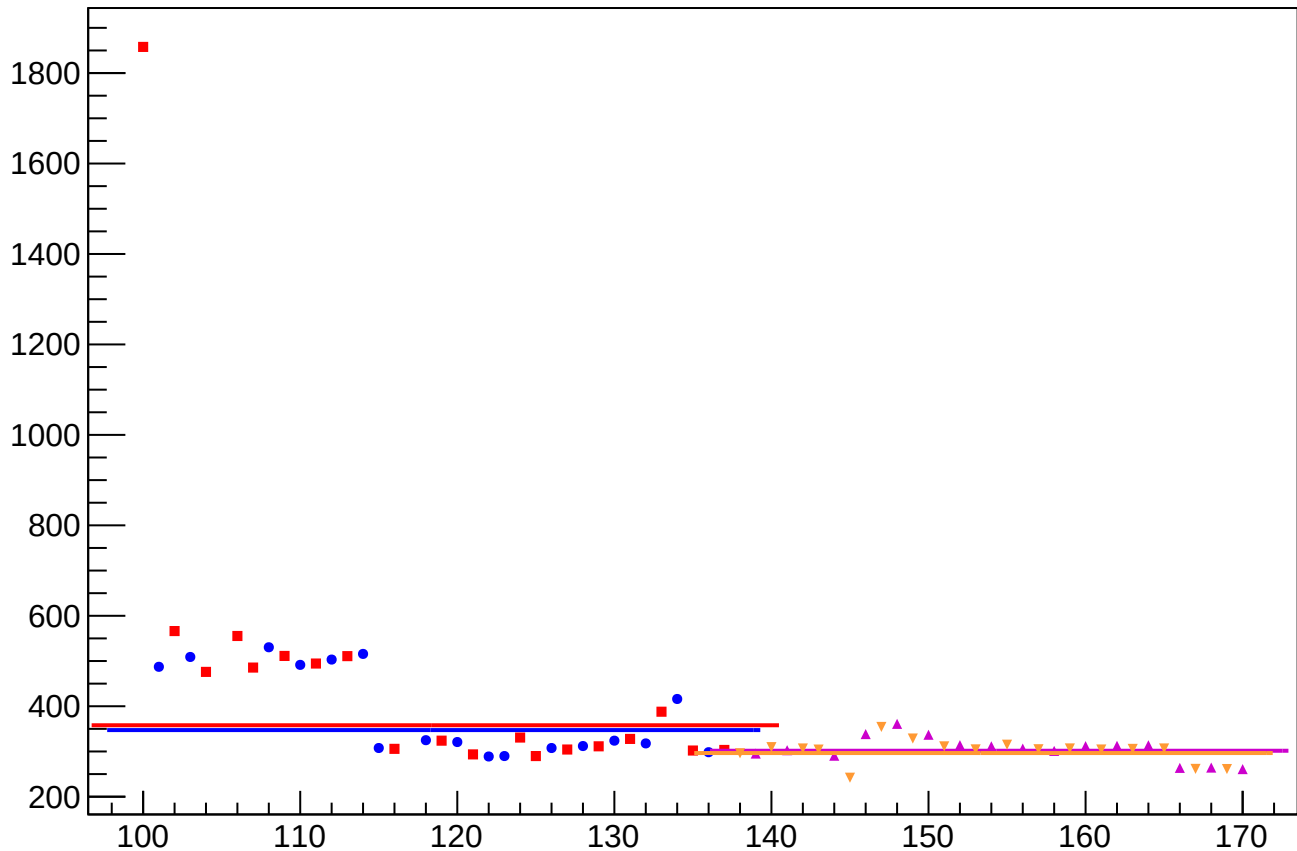
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -78.299 ± 72.517 $\chi^2/\text{NDF}: 34.1/32$

Out: -126.432 ± 71.308 $\chi^2/\text{NDF}: 42.8/35$

All: -102.770 ± 50.844 $\chi^2/\text{NDF}: 77.2/68$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 296.525 $\pm$ 0.059 χ^2 /NDF:213429.8/16

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 301.594 $\pm$ 0.060 χ^2 /NDF:189134.9/15

Left: 298.989 $\pm$ 0.042 χ^2 /NDF: 406185.3/32

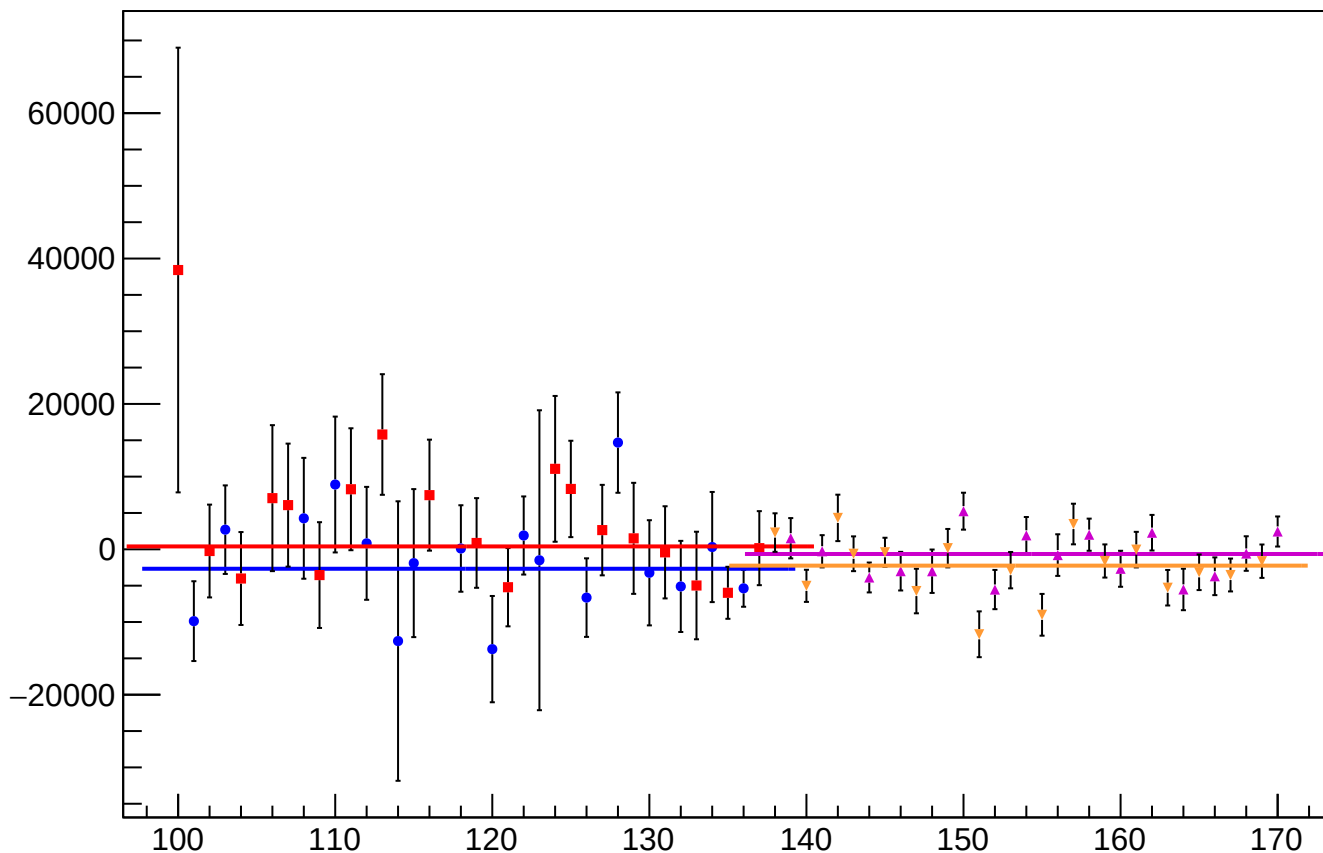
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 314.339 $\pm$ 0.051 χ^2 /NDF:967712.0/32

Out: 312.692 $\pm$ 0.050 χ^2 /NDF:1352918.3/35

All: 313.502 $\pm$ 0.036 χ^2 /NDF: 2321154.2/68

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2244.466+/-607.436 χ^2/NDF : 34.0/16

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -643.606+/-618.672 χ^2/NDF : 24.3/15

Left: -1458.706+/-433.440 χ^2/NDF : 61.7/32

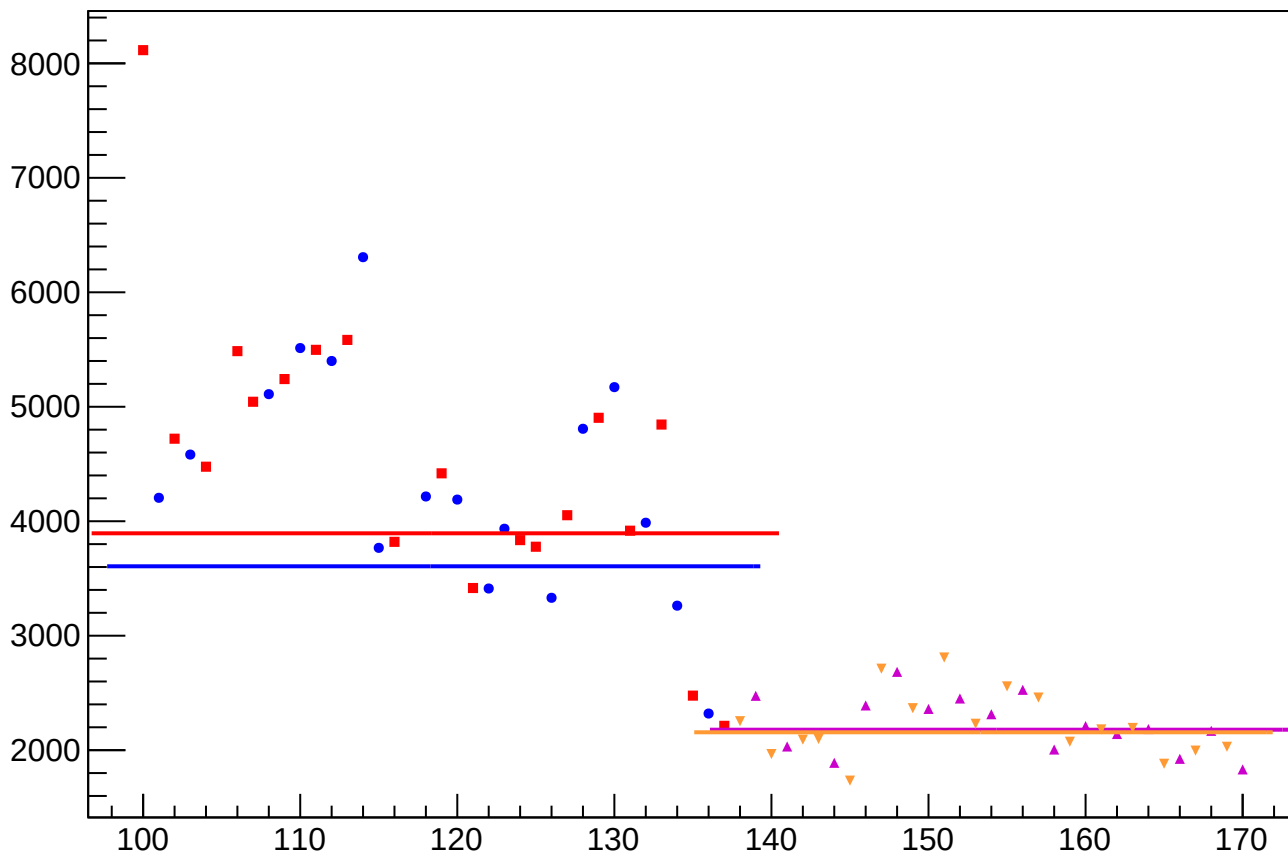
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -954.066+/-569.413 χ^2/NDF : 42.7/32

Out: -1878.840+/-563.855 χ^2/NDF : 52.5/35

All: -1420.988+/-400.656 χ^2/NDF : 96.6/68

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2156.275 $\pm$ 0.430 χ^2/NDF : 382617.4/16

Right Out: 3894.596 $\pm$ 1.072 χ^2/NDF : 1032752.3/18

Left In: 2178.809 $\pm$ 0.437 χ^2/NDF : 295883.0/15

Left: 2167.336 $\pm$ 0.306 χ^2/NDF : 679851.4/32

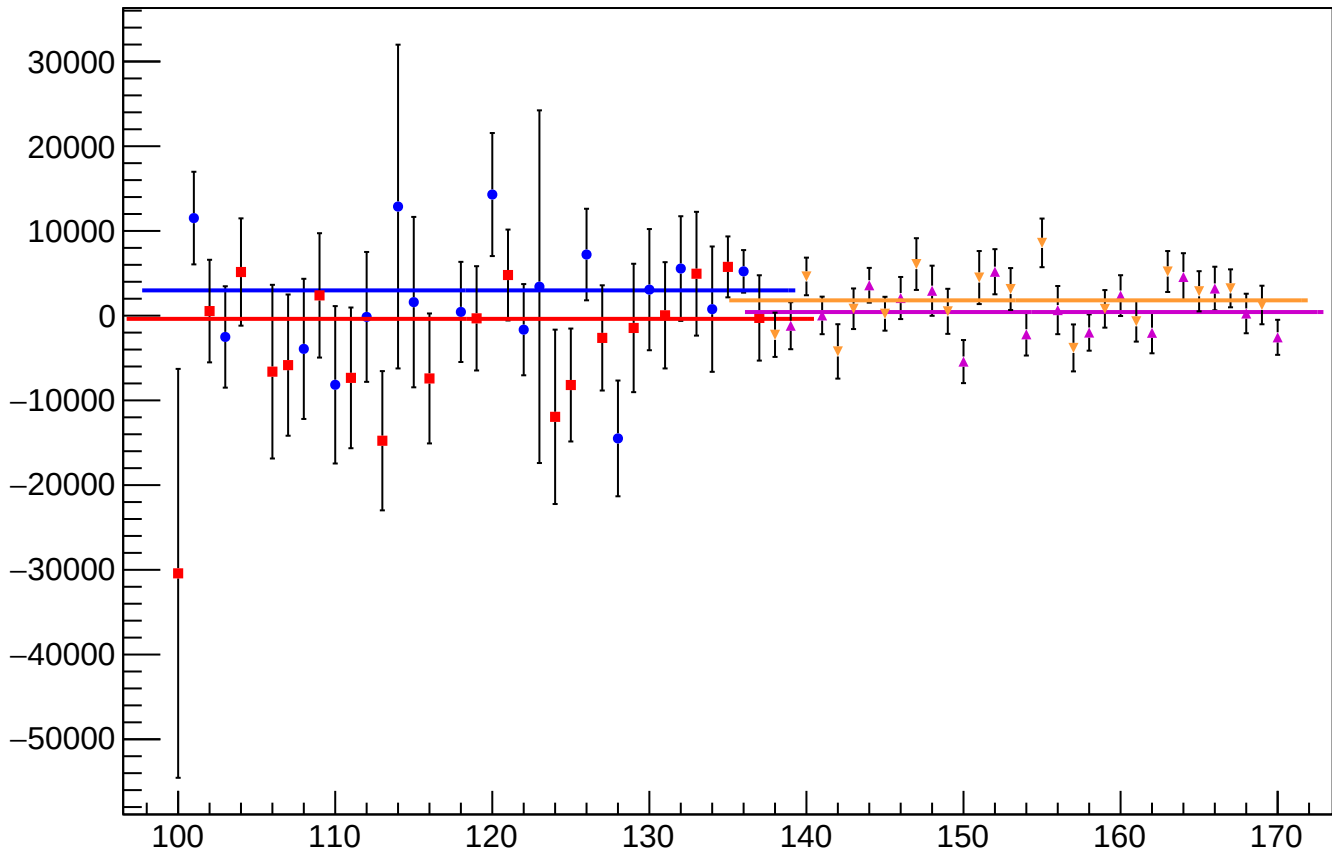
Right: 3744.683 $\pm$ 0.743 χ^2/NDF : 2162873.5/35

In: 2397.088 $\pm$ 0.403 χ^2/NDF : 3016609.9/32

Out: 2396.759 $\pm$ 0.399 χ^2/NDF : 3681289.9/35

All: 2396.922 $\pm$ 0.283 χ^2/NDF : 6697900.1/68

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1807.617 $\pm$ 602.425 χ^2 /NDF: 25.2/16

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 427.023 $\pm$ 610.539 χ^2 /NDF: 21.9/15

Left: 1126.555 $\pm$ 428.819 χ^2 /NDF: 49.7/32

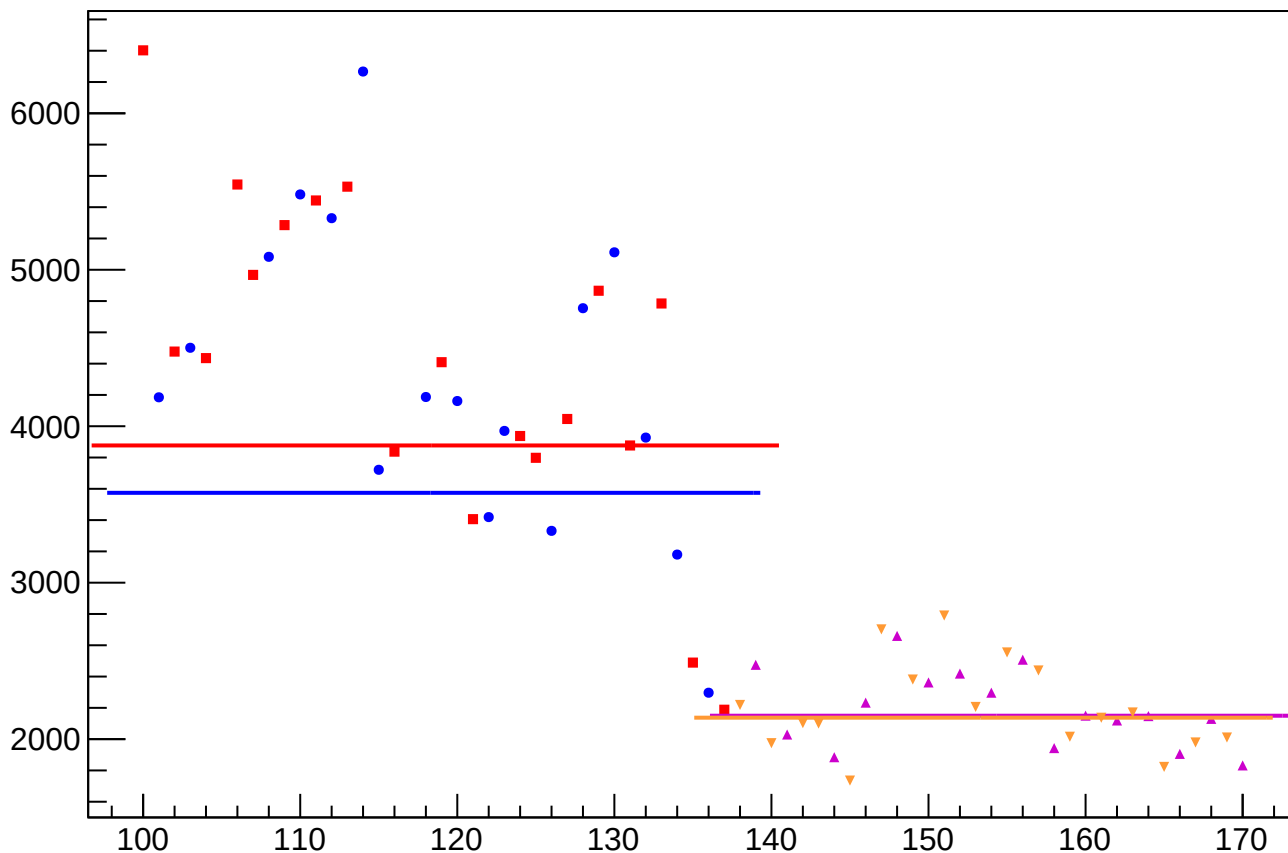
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 814.917 $\pm$ 562.318 χ^2 /NDF: 42.0/32

Out: 1506.698 $\pm$ 559.406 χ^2 /NDF: 42.1/35

All: 1162.604 $\pm$ 396.585 χ^2 /NDF: 84.8/68

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2137.165 $\pm$ 0.426 χ^2/NDF : 391831.9/16

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2149.709 $\pm$ 0.432 χ^2/NDF : 285978.6/15

Left: 2143.353 $\pm$ 0.303 χ^2/NDF : 678238.3/32

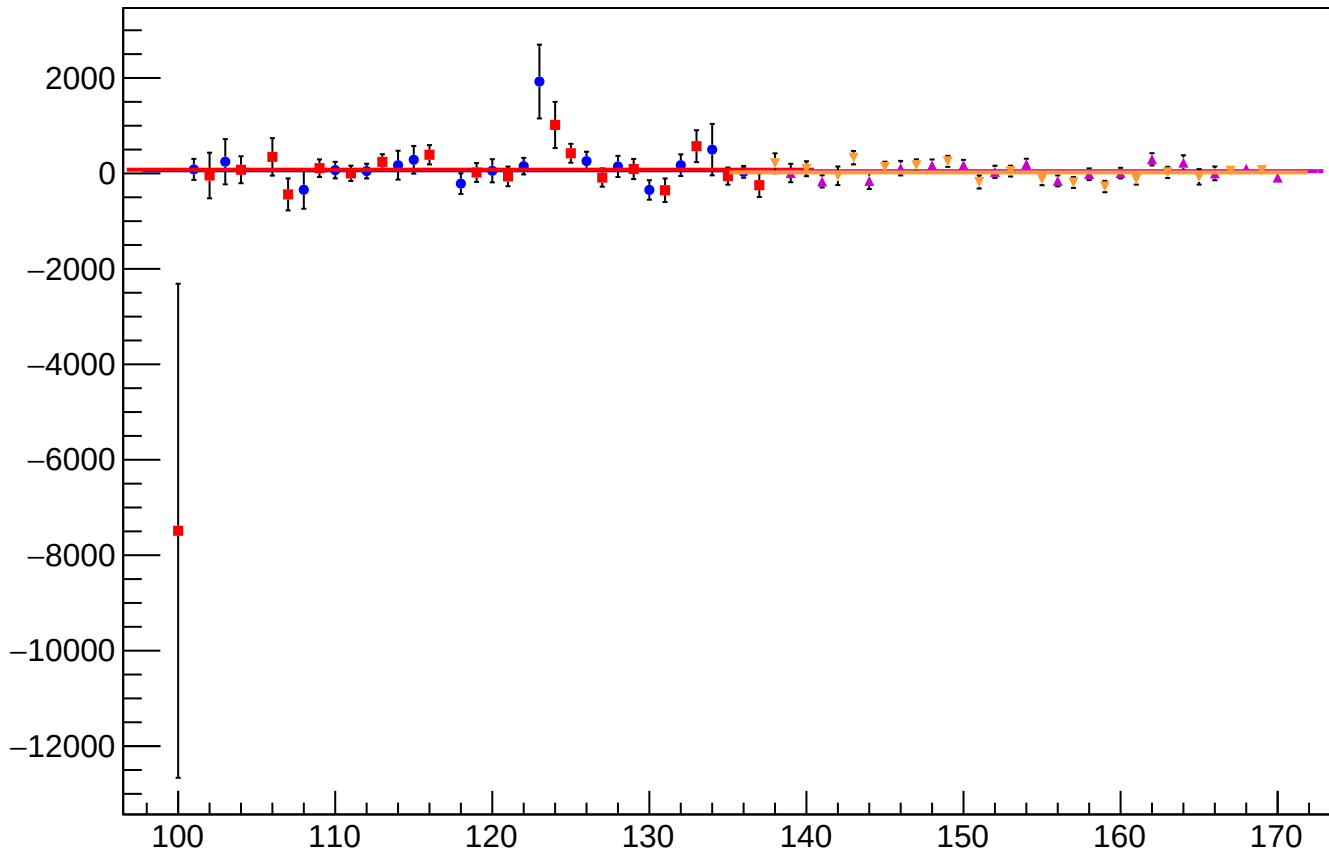
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2365.862 $\pm$ 0.398 χ^2/NDF : 3029573.2/32

Out: 2376.793 $\pm$ 0.396 χ^2/NDF : 3679701.3/35

All: 2371.356 $\pm$ 0.280 χ^2/NDF : 6709654.3/68

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 21.340+/-29.408 χ^2/NDF : 28.1/16

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 47.498+/-30.333 χ^2/NDF : 19.8/15

Left: 34.014+/-21.114 χ^2/NDF : 48.3/32

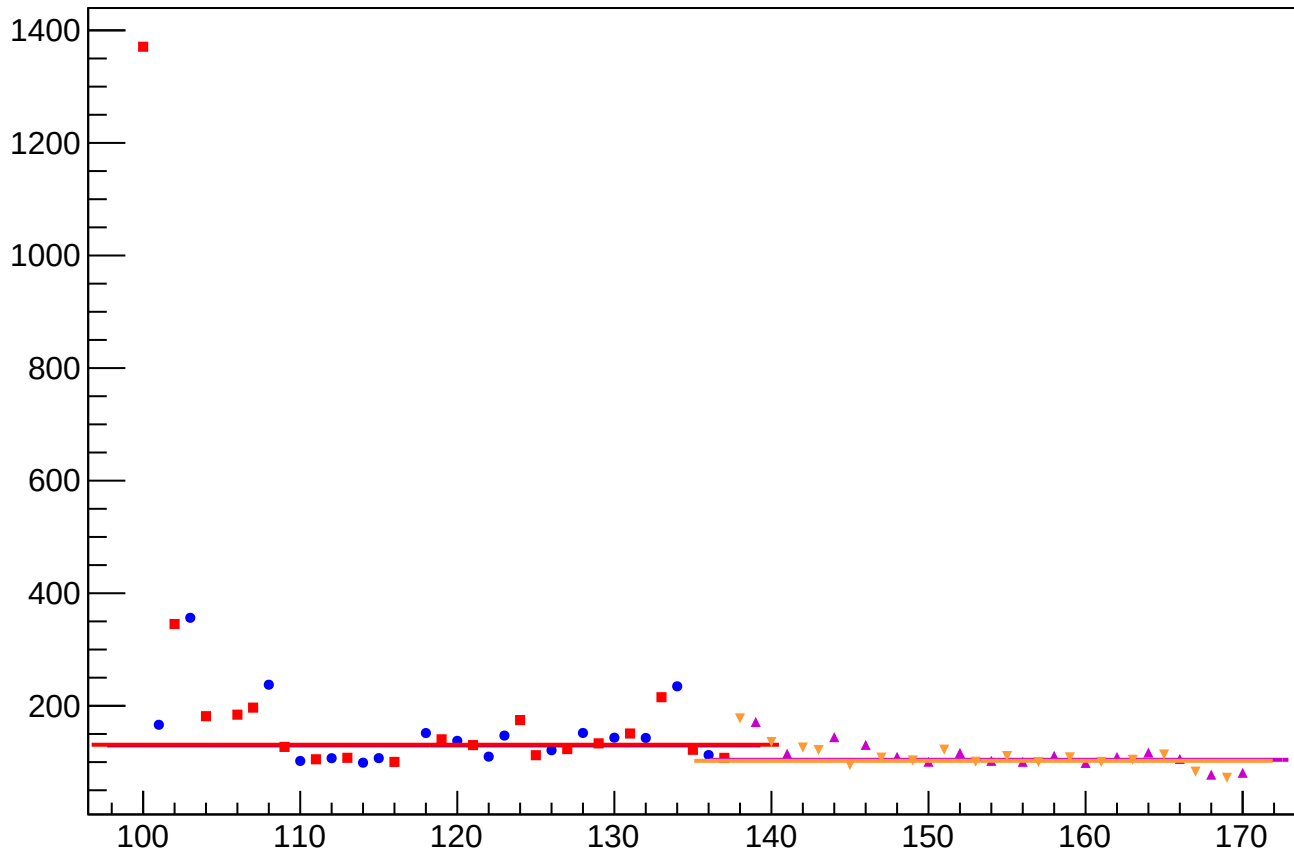
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 51.909+/-26.290 χ^2/NDF : 35.7/32

Out: 35.102+/-25.639 χ^2/NDF : 53.3/35

All: 43.295+/-18.355 χ^2/NDF : 89.1/68

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 102.313 $\pm$ 0.021 χ^2 /NDF: 852387.6/16

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 104.118 $\pm$ 0.021 χ^2 /NDF: 799086.8/15

Left: 103.188 $\pm$ 0.015 χ^2 /NDF: 1655127.3/32

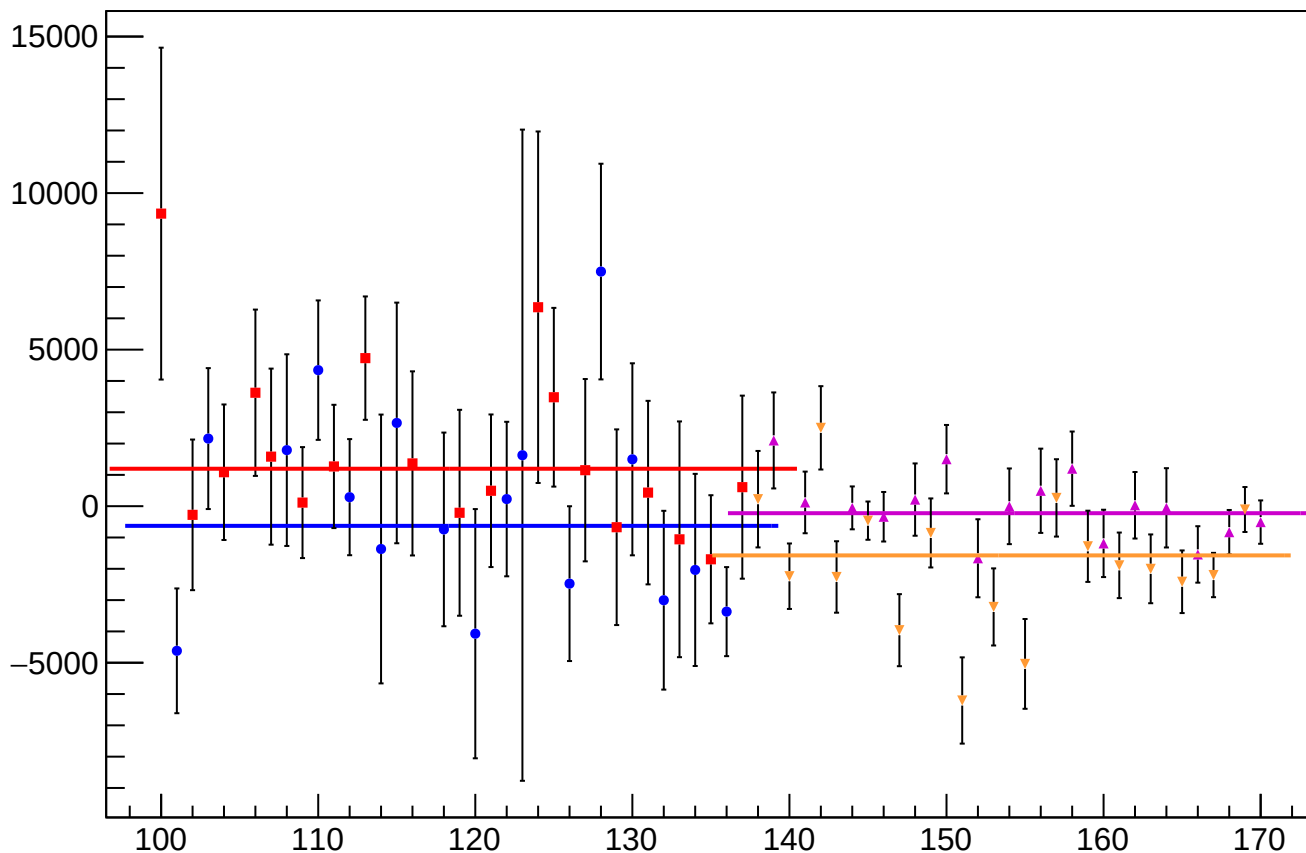
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 110.483 $\pm$ 0.019 χ^2 /NDF: 2142665.2/32

Out: 109.167 $\pm$ 0.018 χ^2 /NDF: 2347481.5/35

All: 109.809 $\pm$ 0.013 χ^2 /NDF: 4492718.3/68

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1571.848 ± 244.695 $\chi^2/\text{NDF}: 46.6/16$

Right Out: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: -223.912 ± 242.217 $\chi^2/\text{NDF}: 12.1/15$

Left: -891.018 ± 172.143 $\chi^2/\text{NDF}: 74.1/32$

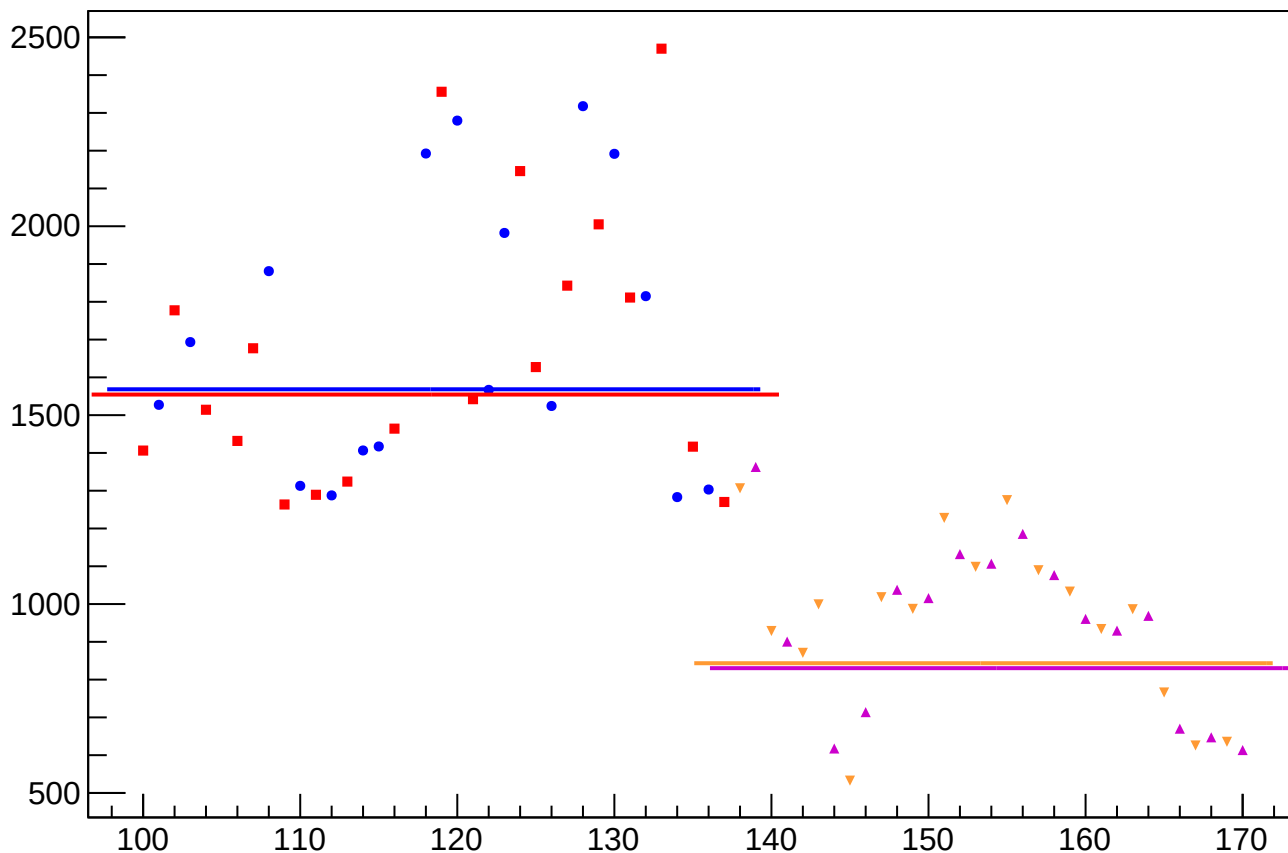
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: -277.220 ± 225.682 $\chi^2/\text{NDF}: 36.8/32$

Out: -1172.205 ± 226.343 $\chi^2/\text{NDF}: 76.9/35$

All: -723.405 ± 159.815 $\chi^2/\text{NDF}: 121.5/68$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 843.394+/-0.173 χ^2/NDF : 1805293.6/16

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 830.315+/-0.171 χ^2/NDF : 1520890.9/15

Left: 836.788+/-0.122 χ^2/NDF : 3329070.6/32

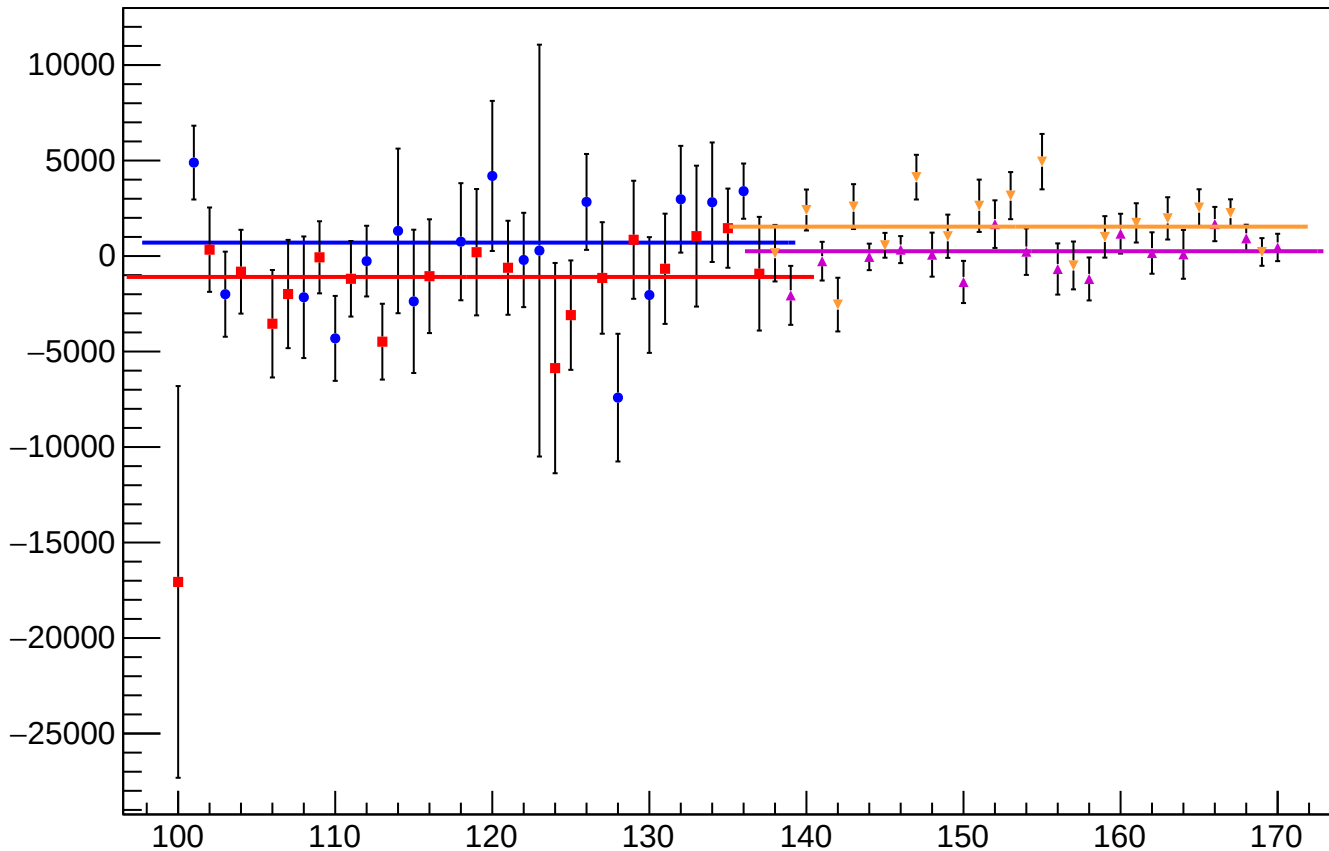
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 927.654+/-0.160 χ^2/NDF : 4504495.4/32

Out: 946.066+/-0.160 χ^2/NDF : 4756156.3/35

All: 936.833+/-0.113 χ^2/NDF : 9267288.4/68

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1538.765+/-247.990 χ^2/NDF : 34.5/16

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: 252.149+/-240.810 χ^2/NDF : 12.6/15

Left: 876.561+/-172.761 χ^2/NDF : 60.9/32

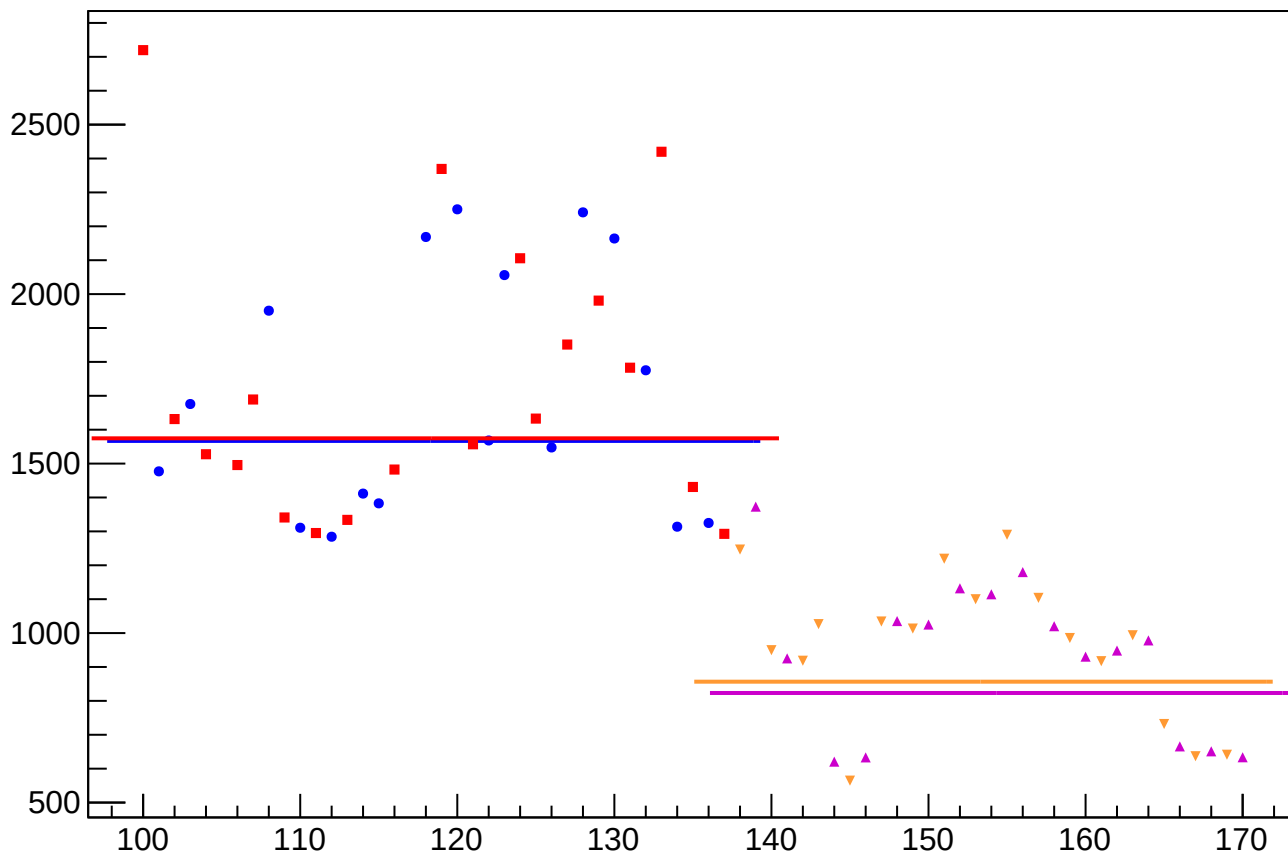
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 311.153+/-224.502 χ^2/NDF : 39.0/32

Out: 1158.131+/-229.363 χ^2/NDF : 61.4/35

All: 725.571+/-160.438 χ^2/NDF : 107.4/68

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 856.614 $\pm$ 0.175 χ^2 /NDF: 1624176.4/16

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 823.265 $\pm$ 0.170 χ^2 /NDF: 1558819.8/15

Left: 839.450 $\pm$ 0.122 χ^2 /NDF: 3201611.4/32

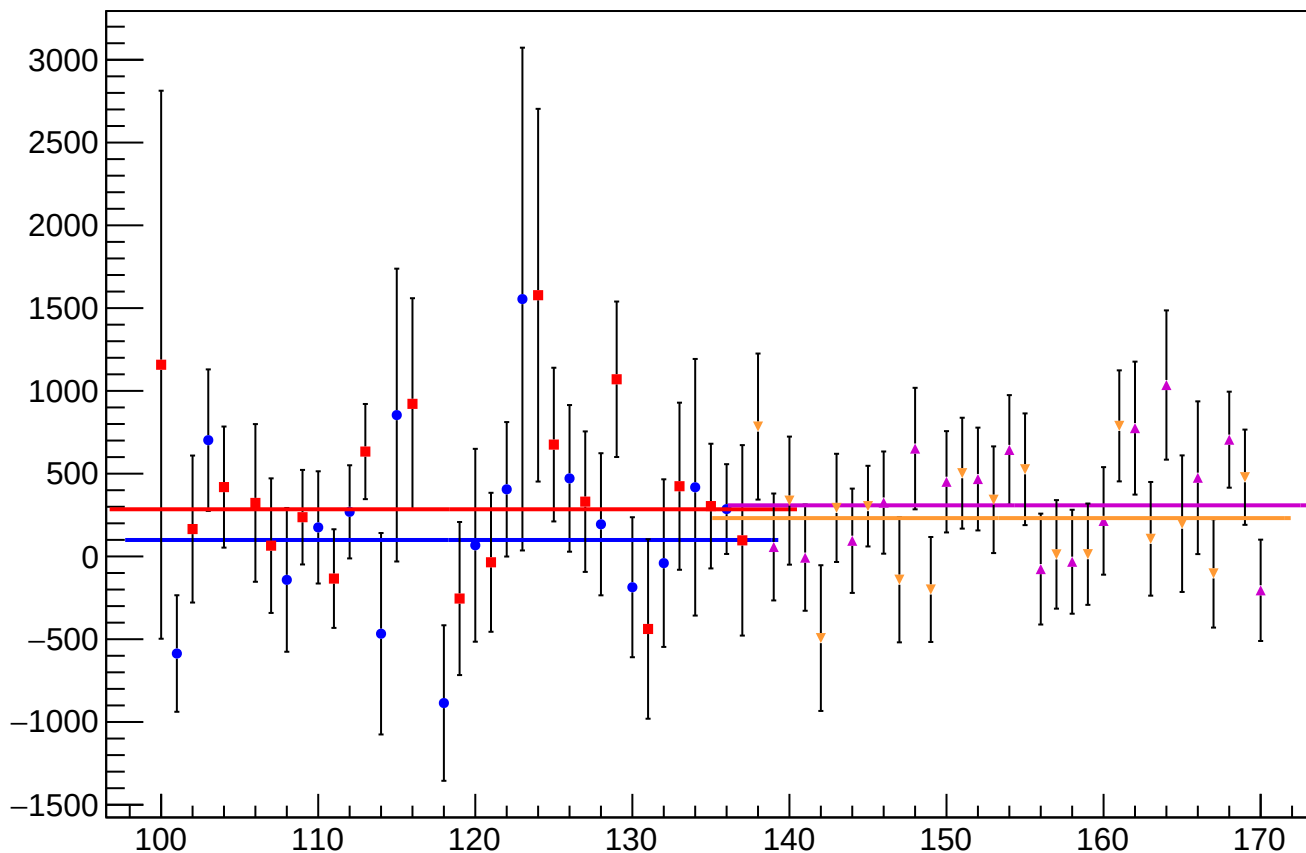
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 920.578 $\pm$ 0.159 χ^2 /NDF: 4554612.3/32

Out: 960.412 $\pm$ 0.162 χ^2 /NDF: 4511839.8/35

All: 940.068 $\pm$ 0.113 χ^2 /NDF: 9097259.5/68

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 231.548 $\pm$ 81.082 χ^2/NDF : 14.5/16

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 308.740 $\pm$ 83.222 χ^2/NDF : 15.8/15

Left: 269.139 $\pm$ 58.076 χ^2/NDF : 30.7/32

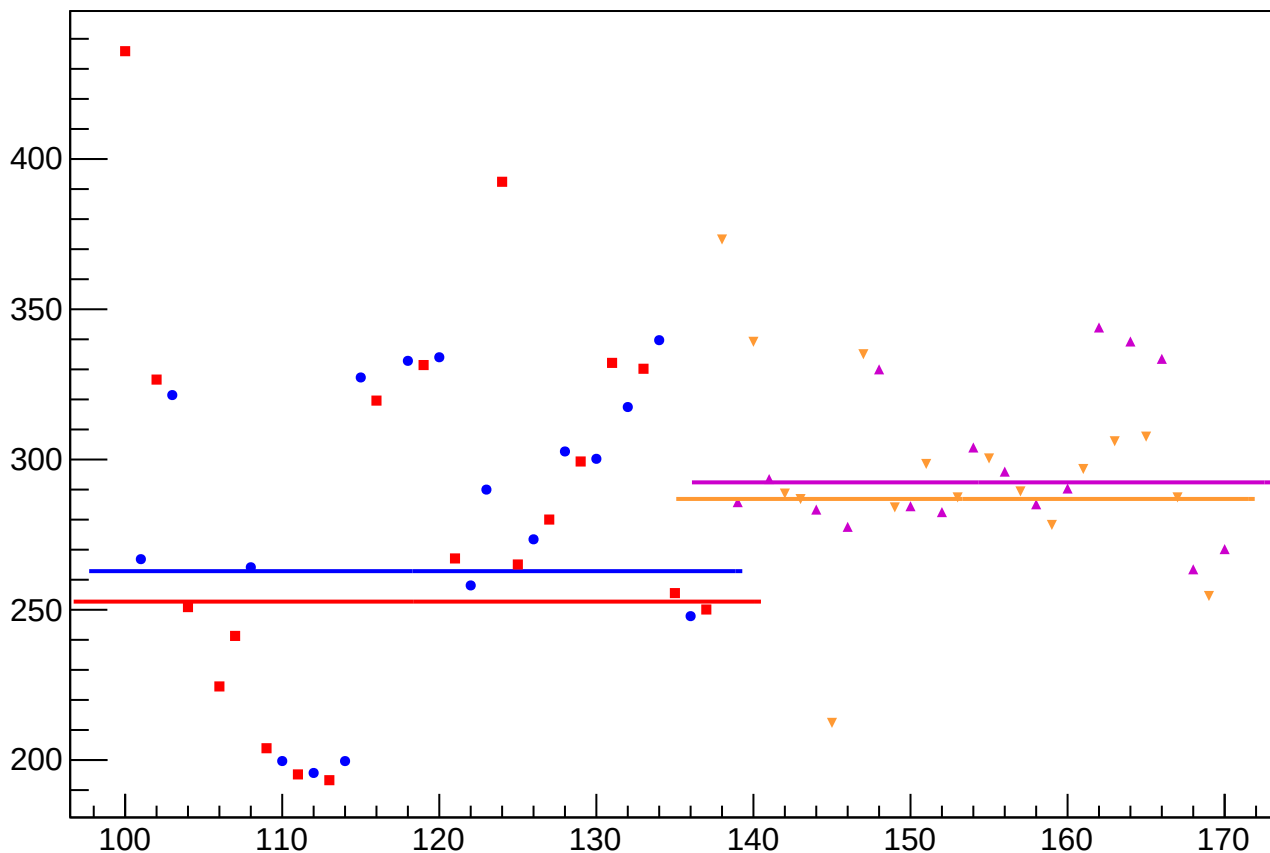
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 226.499 $\pm$ 64.847 χ^2/NDF : 34.2/32

Out: 253.298 $\pm$ 62.397 χ^2/NDF : 28.6/35

All: 240.415 $\pm$ 44.962 χ^2/NDF : 62.9/68

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 286.885+/-0.057 χ^2/NDF : 378472.8/16

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 292.398+/-0.059 χ^2/NDF : 136212.0/15

Left: 289.570+/-0.041 χ^2/NDF : 519188.2/32

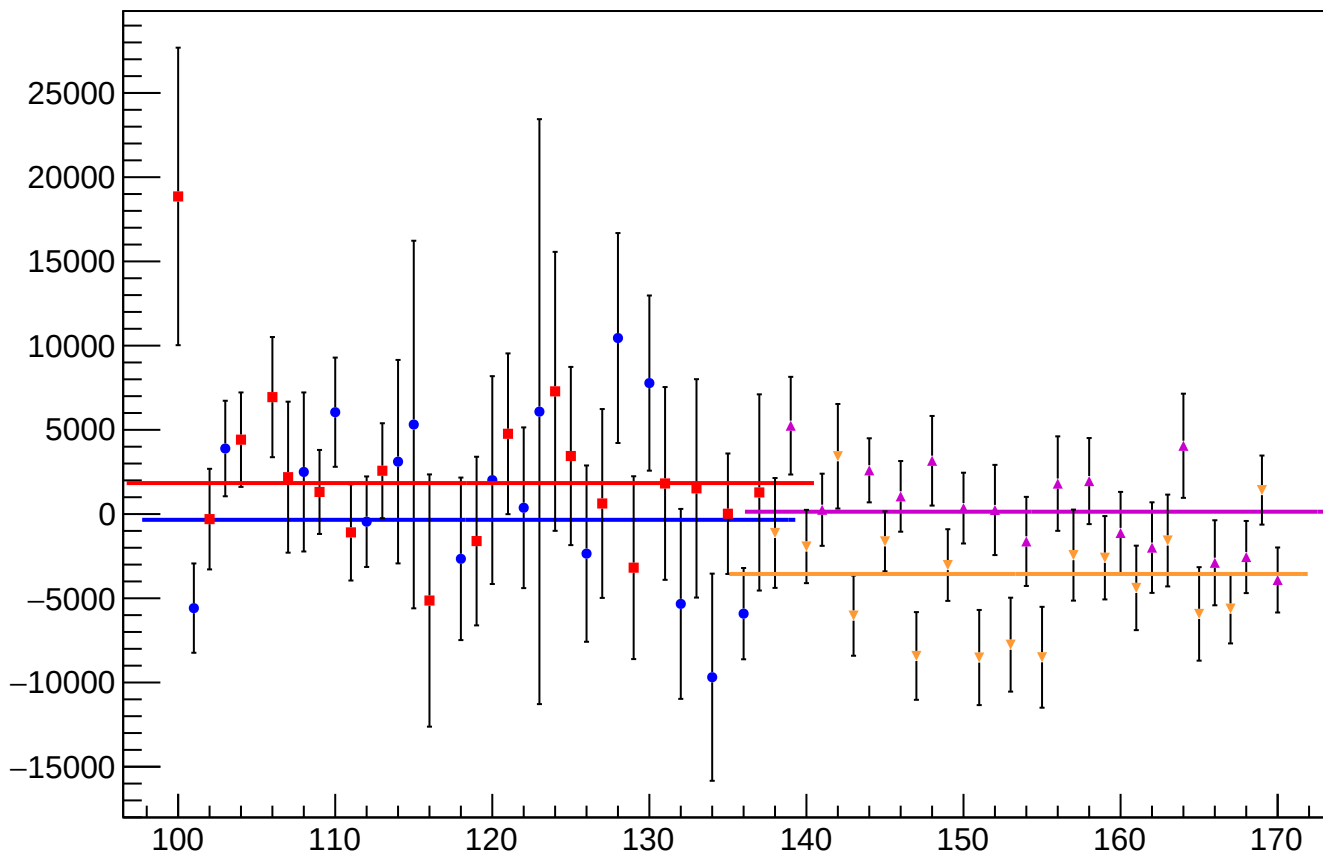
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 280.793+/-0.046 χ^2/NDF : 646911.0/32

Out: 272.952+/-0.044 χ^2/NDF : 1063005.6/35

All: 276.722+/-0.032 χ^2/NDF : 1725099.7/68

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3555.622 ± 594.298 χ^2/NDF : 28.7/16

Right Out: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 139.683 ± 594.886 χ^2/NDF : 17.5/15

Left: -1709.798 ± 420.440 χ^2/NDF : 65.5/32

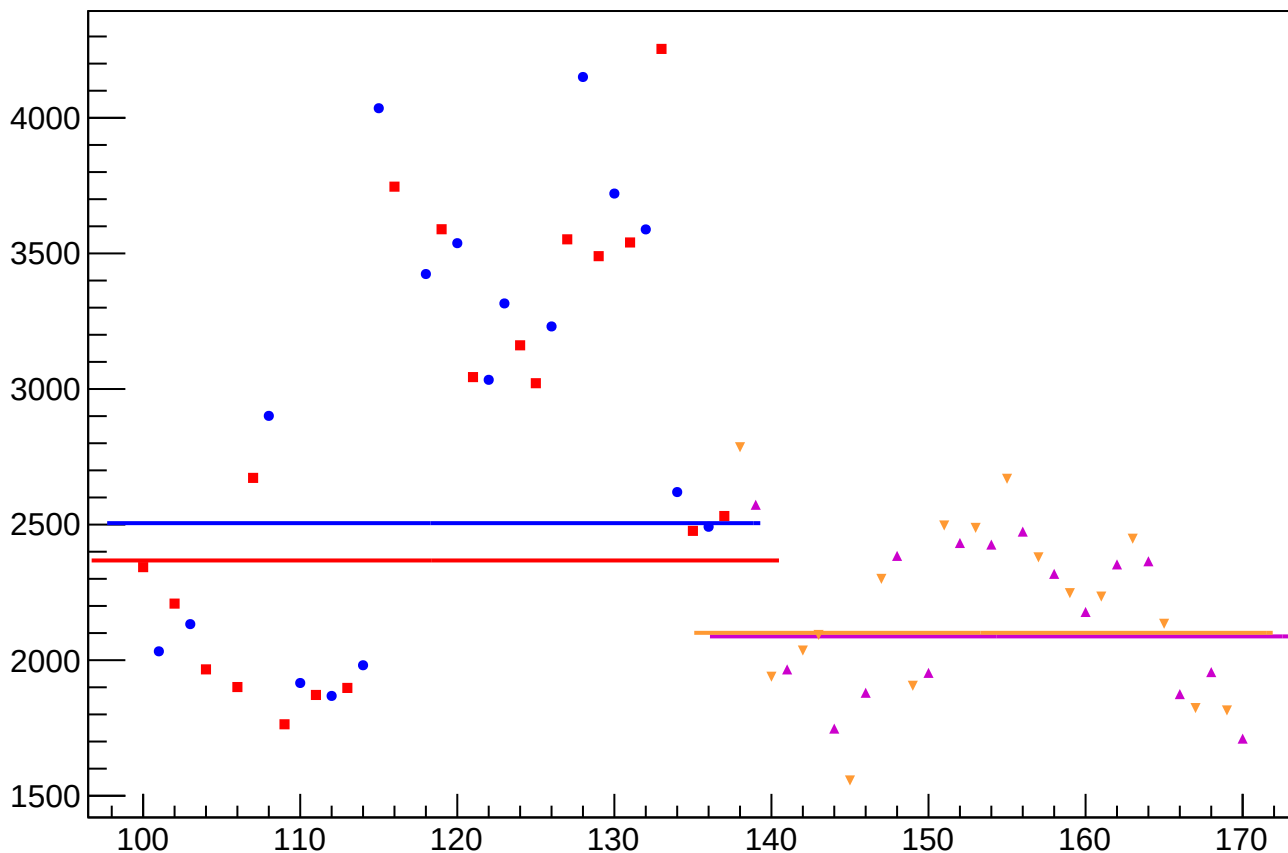
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 14.755 ± 511.877 χ^2/NDF : 42.1/32

Out: -1978.349 ± 499.955 χ^2/NDF : 64.5/35

All: -1005.277 ± 357.662 χ^2/NDF : 114.3/68

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2100.895 $\pm$ 0.420 χ^2 /NDF: 607372.7/16

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2087.728 $\pm$ 0.421 χ^2 /NDF: 435644.5/15

Left: 2094.318 $\pm$ 0.297 χ^2 /NDF: 1043507.6/32

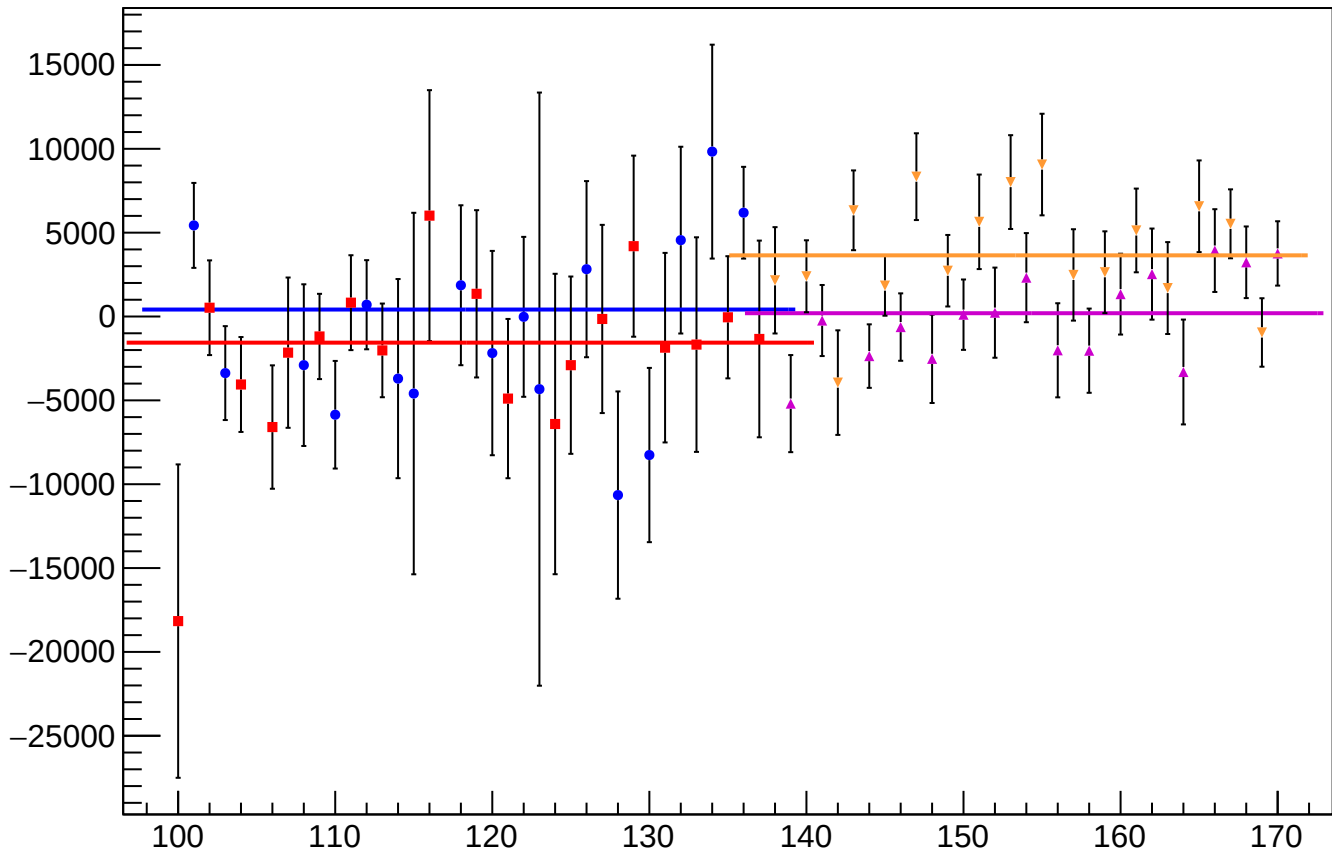
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2196.140 $\pm$ 0.362 χ^2 /NDF: 1555637.0/32

Out: 2178.889 $\pm$ 0.354 χ^2 /NDF: 1756117.0/35

All: 2187.311 $\pm$ 0.253 χ^2 /NDF: 3312916.5/68

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3647.184 $\pm$ 592.828 χ^2 /NDF:26.7/16

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: 196.516 $\pm$ 590.248 χ^2 /NDF:18.6/15

Left: 1914.326 $\pm$ 418.278 χ^2 /NDF: 62.3/32

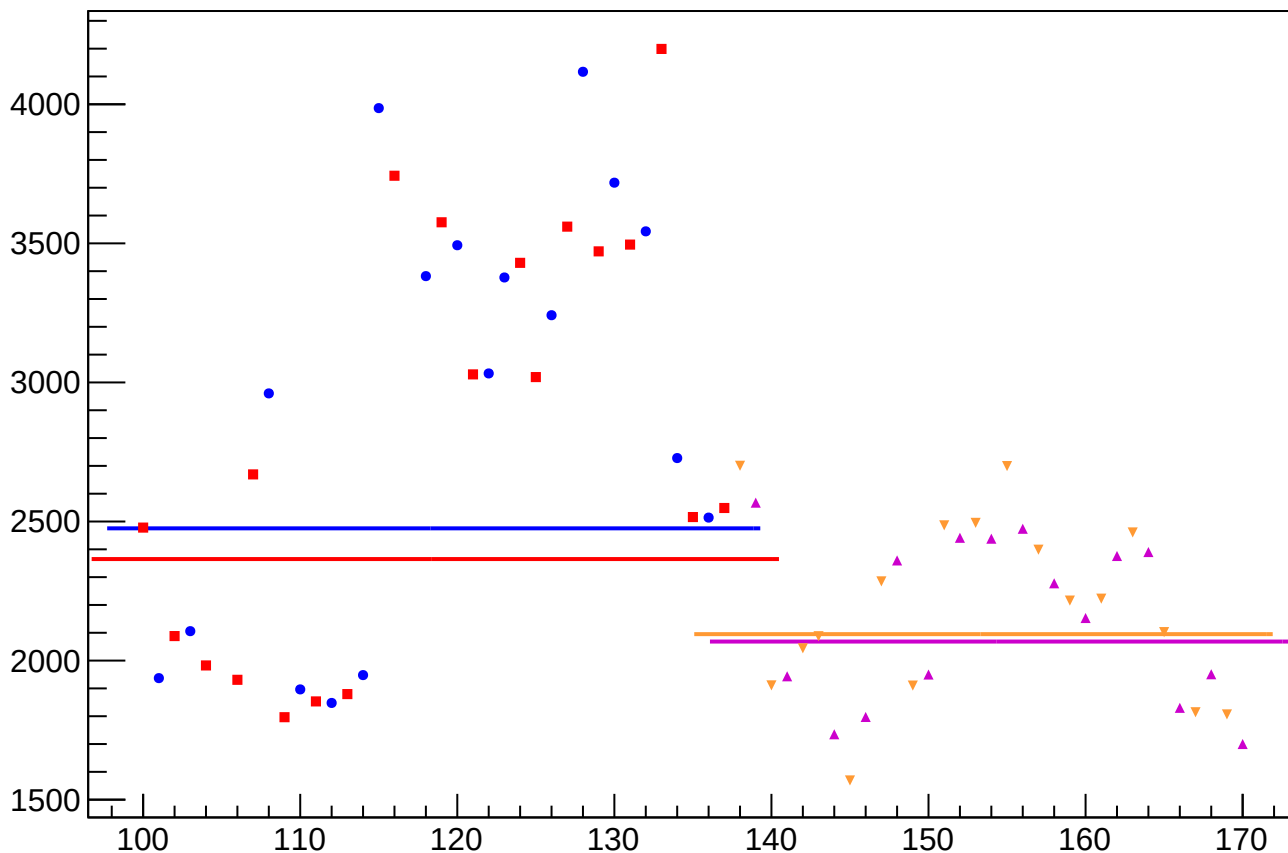
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: 253.538 $\pm$ 507.636 χ^2 /NDF:43.1/32

Out: 2130.132 $\pm$ 499.031 χ^2 /NDF:59.8/35

All: 1207.875 $\pm$ 355.871 χ^2 /NDF: 109.9/68

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 +/- 0.704 χ^2/NDF : 913073.5/16

Left Out: 2095.091 +/- 0.419 χ^2/NDF : 592588.4/16

Right Out: 2365.025 +/- 0.654 χ^2/NDF : 1027171.5/18

Left In: 2068.409 +/- 0.417 χ^2/NDF : 476408.6/15

Left: 2081.692 +/- 0.296 χ^2/NDF : 1071031.6/32

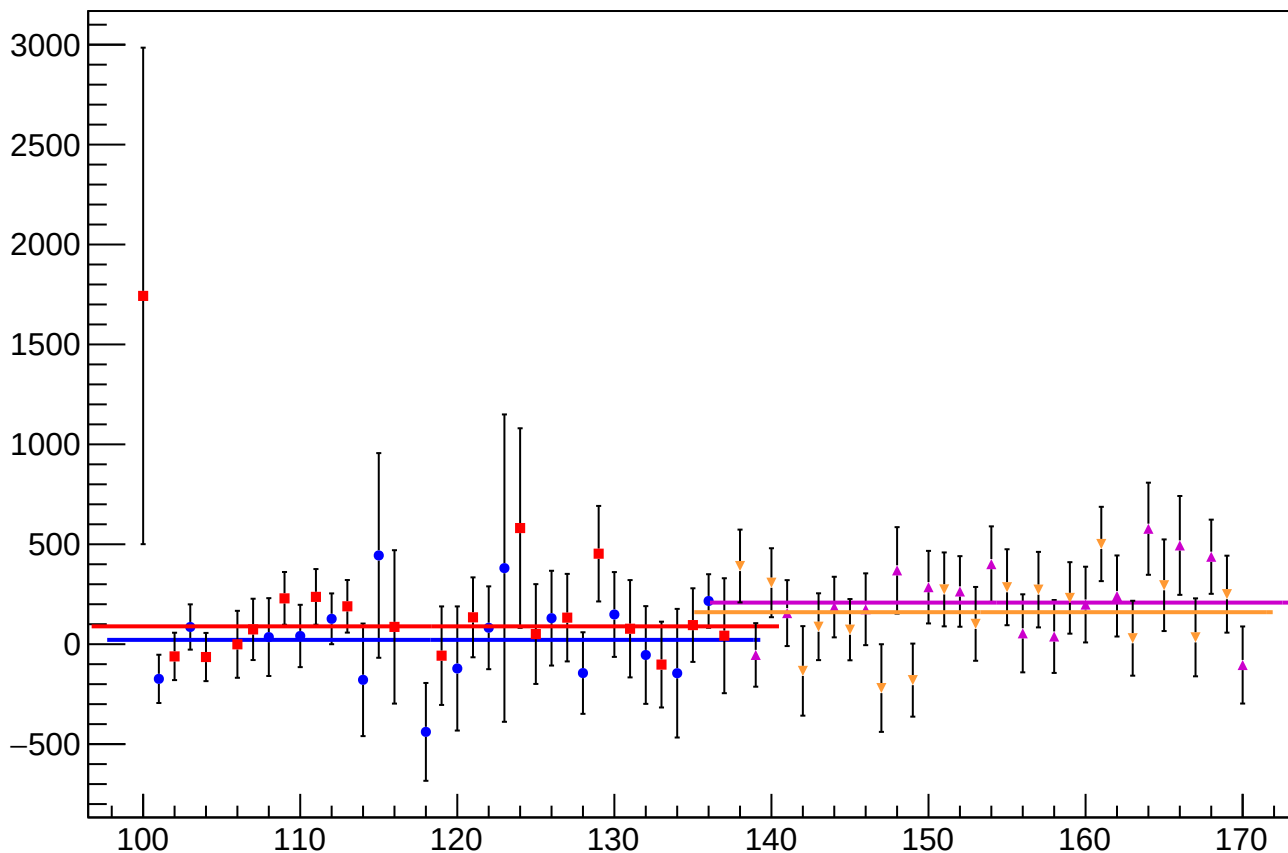
Right: 2416.181 +/- 0.479 χ^2/NDF : 1953463.4/35

In: 2174.372 +/- 0.359 χ^2/NDF : 1637075.1/32

Out: 2173.752 +/- 0.353 χ^2/NDF : 1740593.2/35

All: 2174.057 +/- 0.252 χ^2/NDF : 3377669.8/68

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 160.161 $\pm$ 45.274 χ^2 /NDF:17.3/16

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 208.108 $\pm$ 46.520 χ^2 /NDF:14.3/15

Left: 183.483 $\pm$ 32.445 χ^2 /NDF: 32.2/32

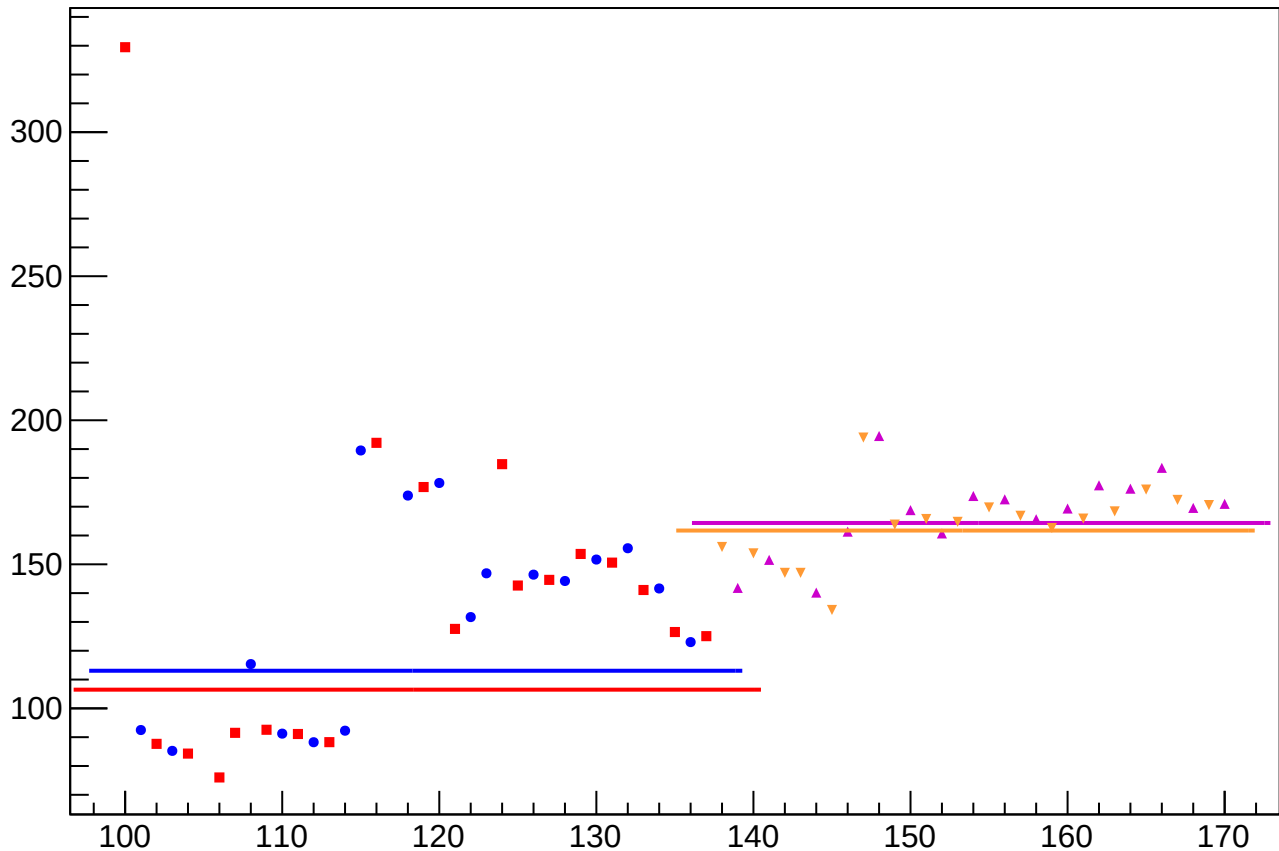
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 112.105 $\pm$ 32.402 χ^2 /NDF:35.2/32

Out: 121.917 $\pm$ 30.713 χ^2 /NDF:31.3/35

All: 117.273 $\pm$ 22.291 χ^2 /NDF: 66.5/68

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 161.725 $\pm$ 0.032 χ^2/NDF :166381.9/16

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 164.350 $\pm$ 0.033 χ^2/NDF :184151.0/15

Left: 163.002 $\pm$ 0.023 χ^2/NDF : 353804.9/32

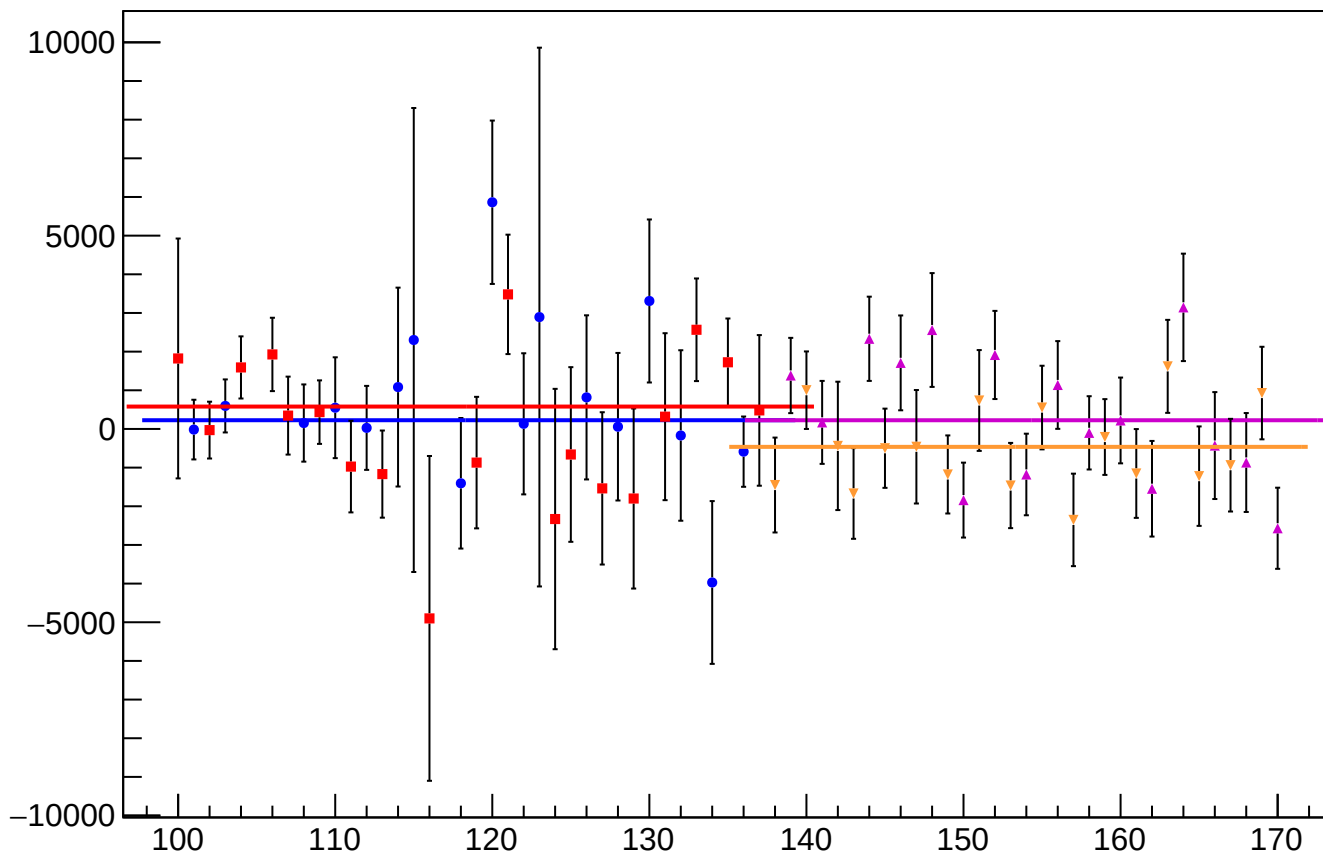
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 137.942 $\pm$ 0.023 χ^2/NDF :2256750.0/32

Out: 131.910 $\pm$ 0.022 χ^2/NDF :2789342.2/35

All: 134.765 $\pm$ 0.016 χ^2/NDF : 5082593.8/68

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -463.312 $\pm$ 281.718 χ^2 /NDF:14.7/16

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 225.014 $\pm$ 282.373 χ^2 /NDF:32.9/15

Left: -119.948 $\pm$ 199.436 χ^2 /NDF: 50.6/32

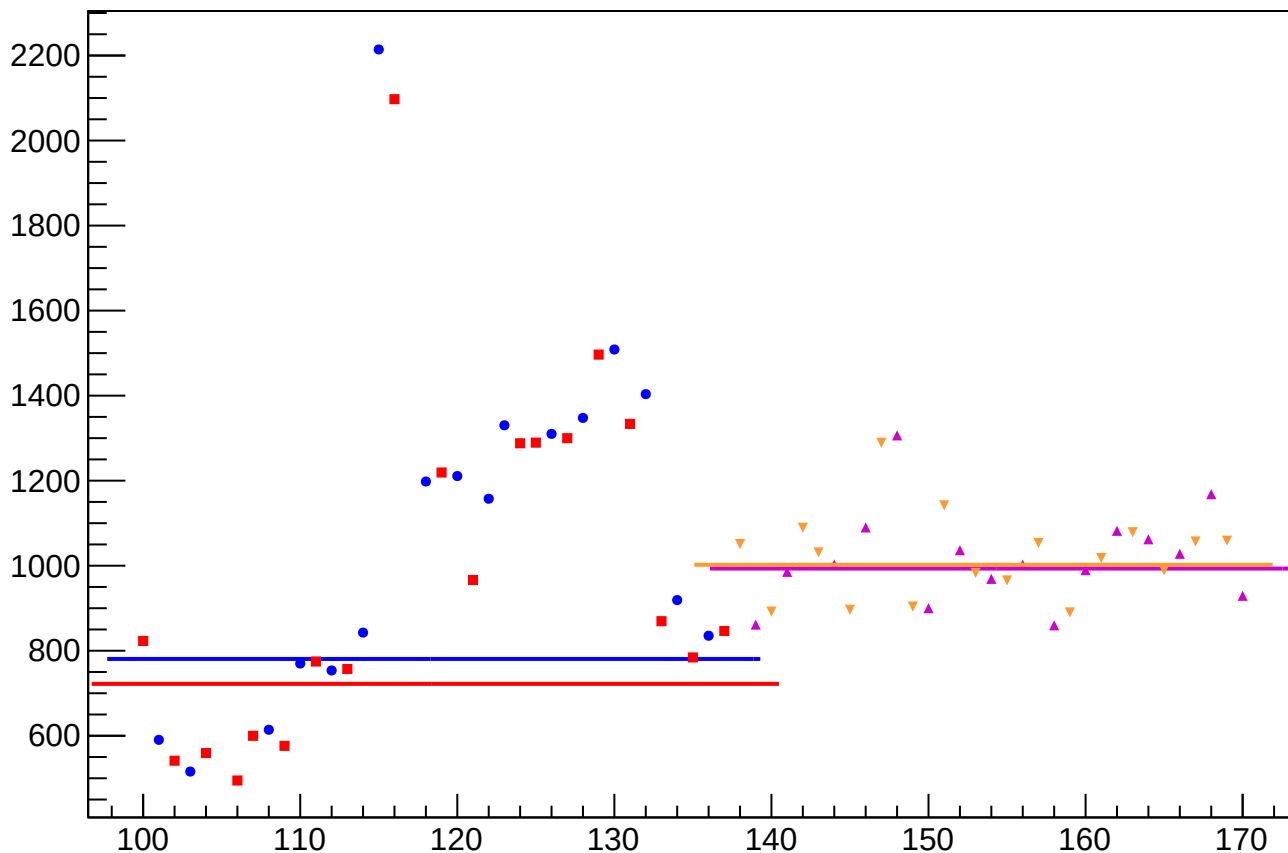
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 225.285 $\pm$ 212.135 χ^2 /NDF:48.9/32

Out: 44.133 $\pm$ 201.810 χ^2 /NDF:42.5/35

All: 130.193 $\pm$ 146.215 χ^2 /NDF: 91.7/68

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 1002.219+/-0.199 χ^2/NDF : 223843.6/16

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 993.259+/-0.200 χ^2/NDF : 263596.2/15

Left: 997.749+/-0.141 χ^2/NDF : 488449.0/32

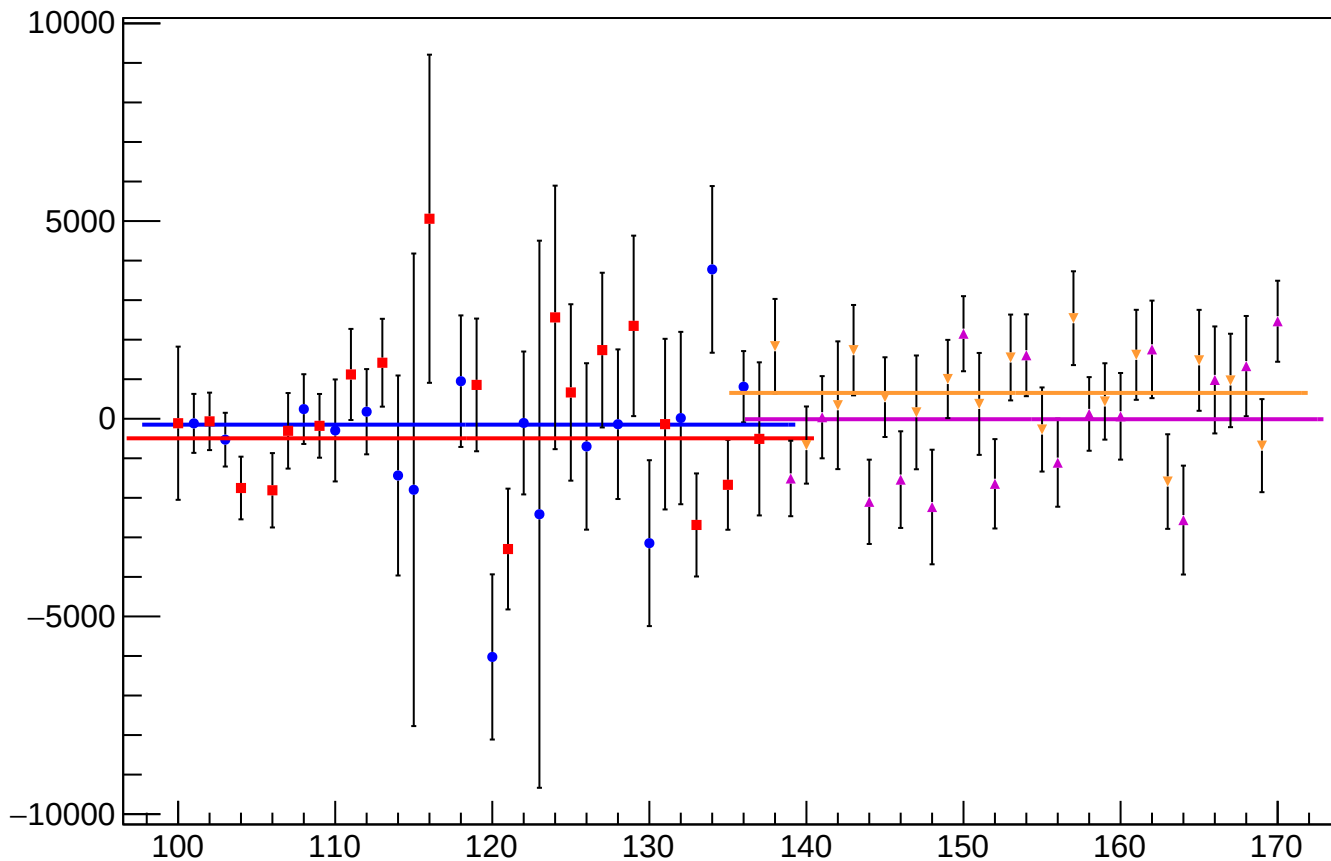
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 900.665+/-0.150 χ^2/NDF : 2366780.9/32

Out: 865.870+/-0.143 χ^2/NDF : 2814923.3/35

All: 882.400+/-0.103 χ^2/NDF : 5209950.0/68

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 $\pm$ 312.963 χ^2 /NDF: 16.1/16

Left Out: 653.339 $\pm$ 277.079 χ^2 /NDF:14.1/16

Right Out: -494.856 $\pm$ 282.721 χ^2 /NDF: 23.7/18

Left In: -11.955 $\pm$ 277.661 χ^2 /NDF:33.9/15

Left: 321.388 $\pm$ 196.130 χ^2 /NDF: 50.9/32

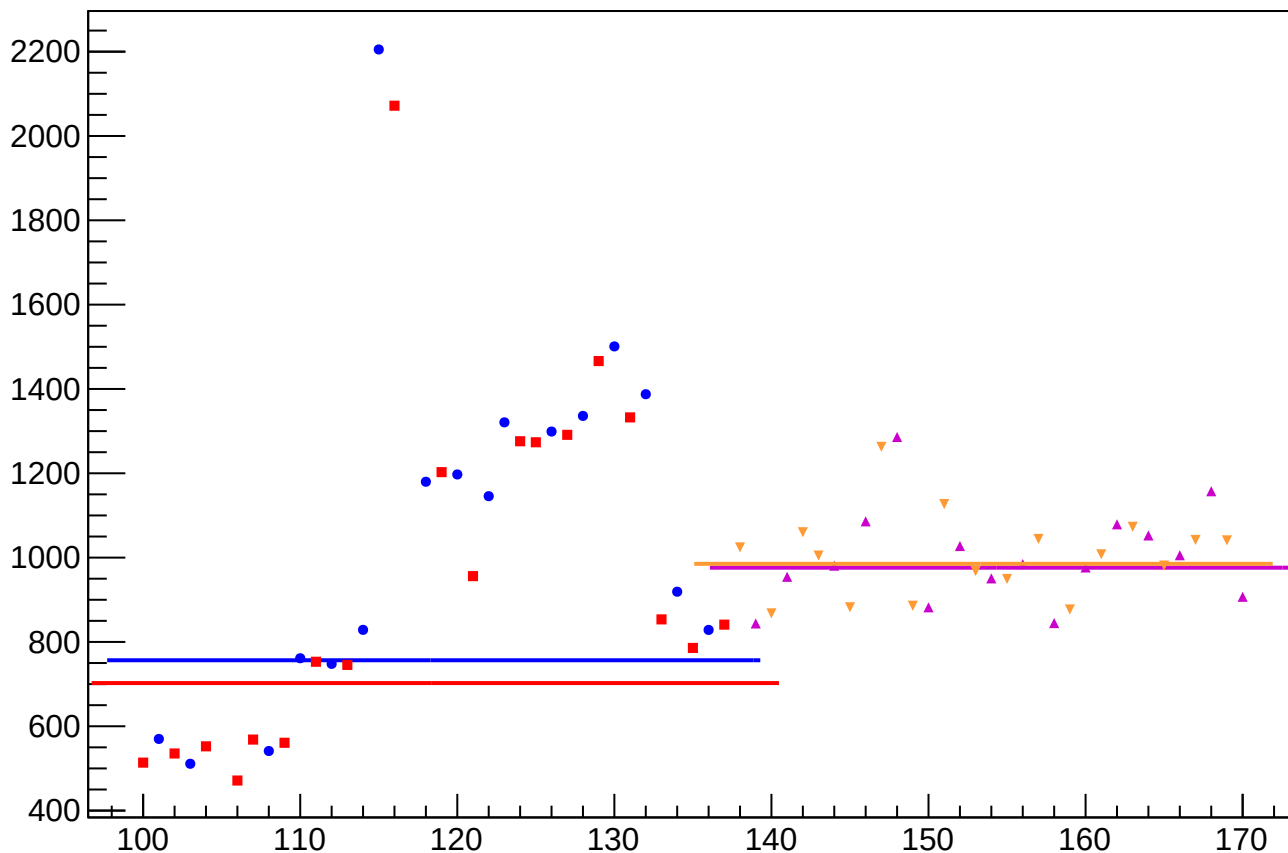
Right: -339.515 $\pm$ 209.793 χ^2 /NDF: 40.5/35

In: -72.387 $\pm$ 207.700 χ^2 /NDF:50.2/32

Out: 90.811 $\pm$ 197.889 χ^2 /NDF:46.1/35

All: 13.158 $\pm$ 143.272 χ^2 /NDF: 96.6/68

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 985.295 $\pm$ 0.196 χ^2 /NDF: 229123.1/16

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 976.099 $\pm$ 0.196 χ^2 /NDF: 282810.3/15

Left: 980.707 $\pm$ 0.139 χ^2 /NDF: 513032.7/32

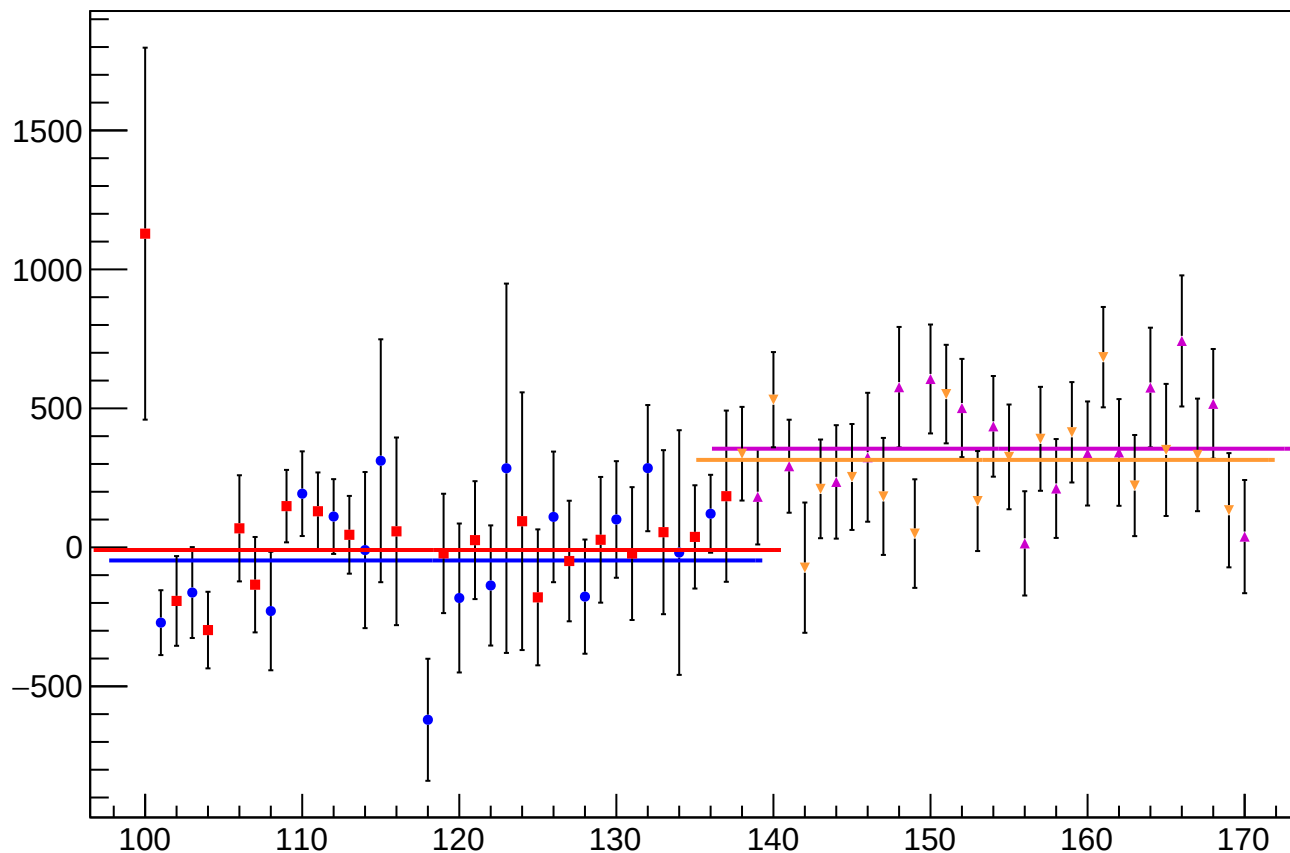
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 879.396 $\pm$ 0.147 χ^2 /NDF: 2547254.9/32

Out: 846.720 $\pm$ 0.140 χ^2 /NDF: 2939612.0/35

All: 862.268 $\pm$ 0.101 χ^2 /NDF: 5512813.5/68

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 314.642 ± 46.009 χ^2/NDF : 15.2/16

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 354.878 ± 48.385 χ^2/NDF : 15.9/15

Left: 333.748 ± 33.341 χ^2/NDF : 31.5/32

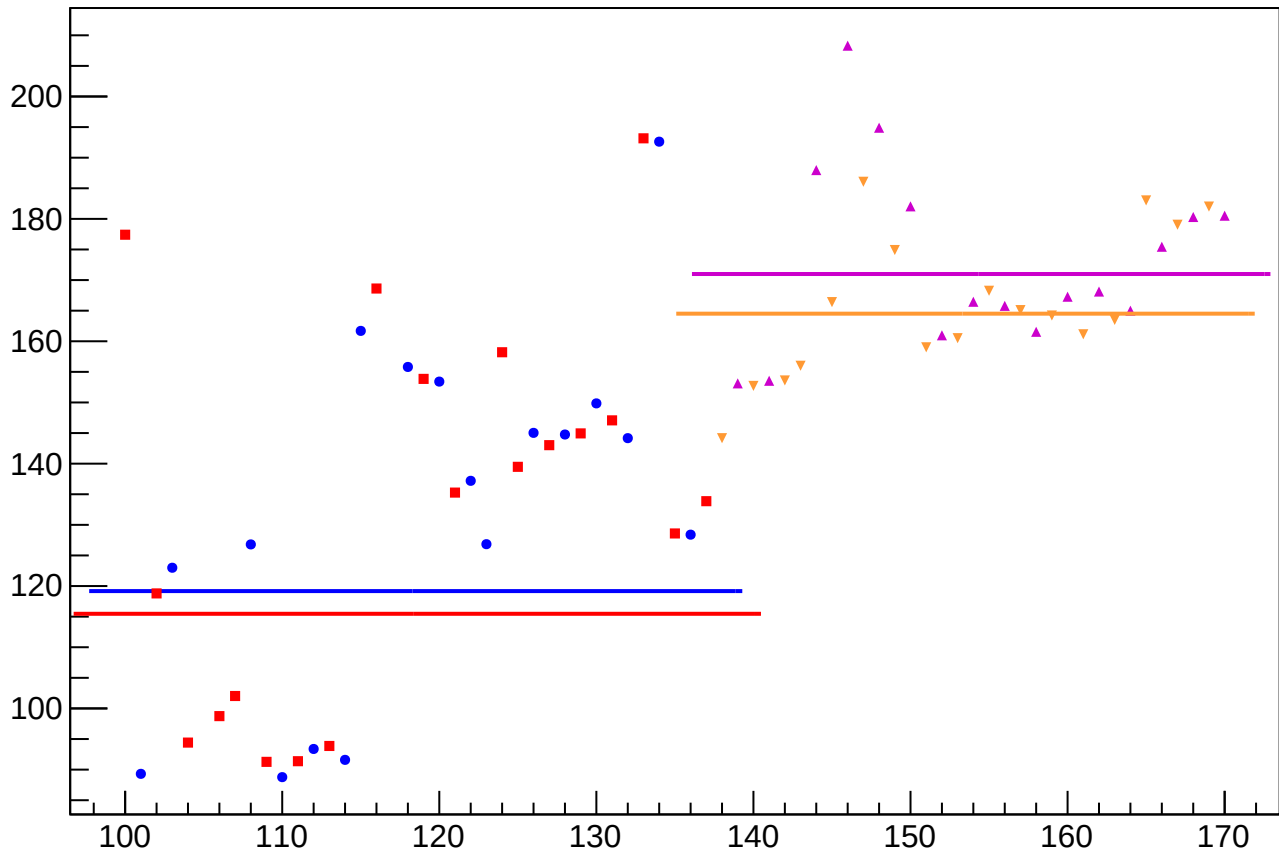
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 149.171 ± 33.812 χ^2/NDF : 73.1/32

Out: 148.069 ± 32.078 χ^2/NDF : 53.8/35

All: 148.591 ± 23.271 χ^2/NDF : 126.9/68

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 164.511+/-0.033 χ^2/NDF : 115891.0/16

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 170.991+/-0.034 χ^2/NDF : 166972.5/15

Left: 167.588+/-0.024 χ^2/NDF : 301705.3/32

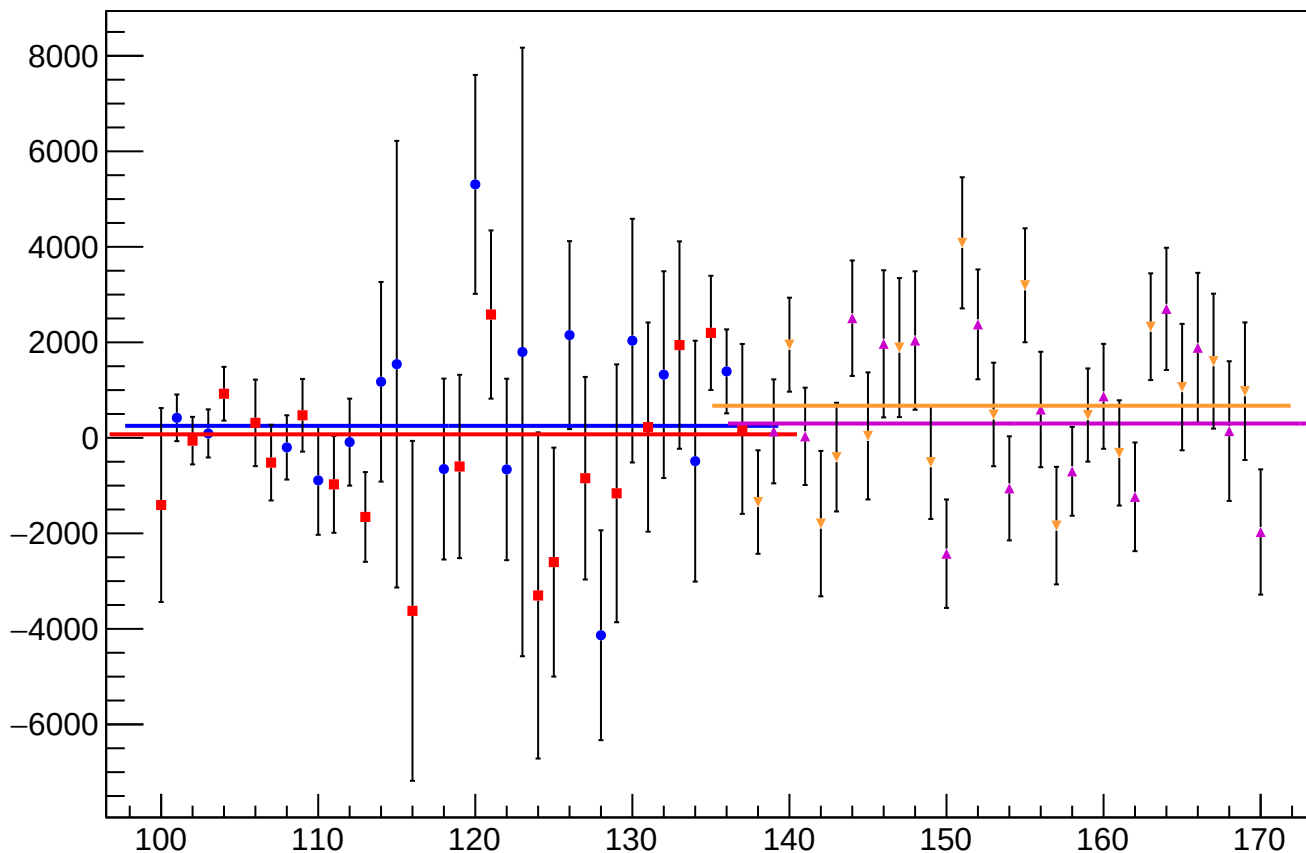
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 144.479+/-0.024 χ^2/NDF : 1955912.0/32

Out: 139.308+/-0.023 χ^2/NDF : 1976559.1/35

All: 141.757+/-0.016 χ^2/NDF : 3957091.4/68

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 672.906 $\pm$ 291.090 χ^2/NDF :29.0/16

Right Out: 74.126 $\pm$ 243.967 χ^2/NDF : 18.0/18

Left In: 299.854 $\pm$ 297.895 χ^2/NDF :27.5/15

Left: 490.690 $\pm$ 208.196 χ^2/NDF : 57.3/32

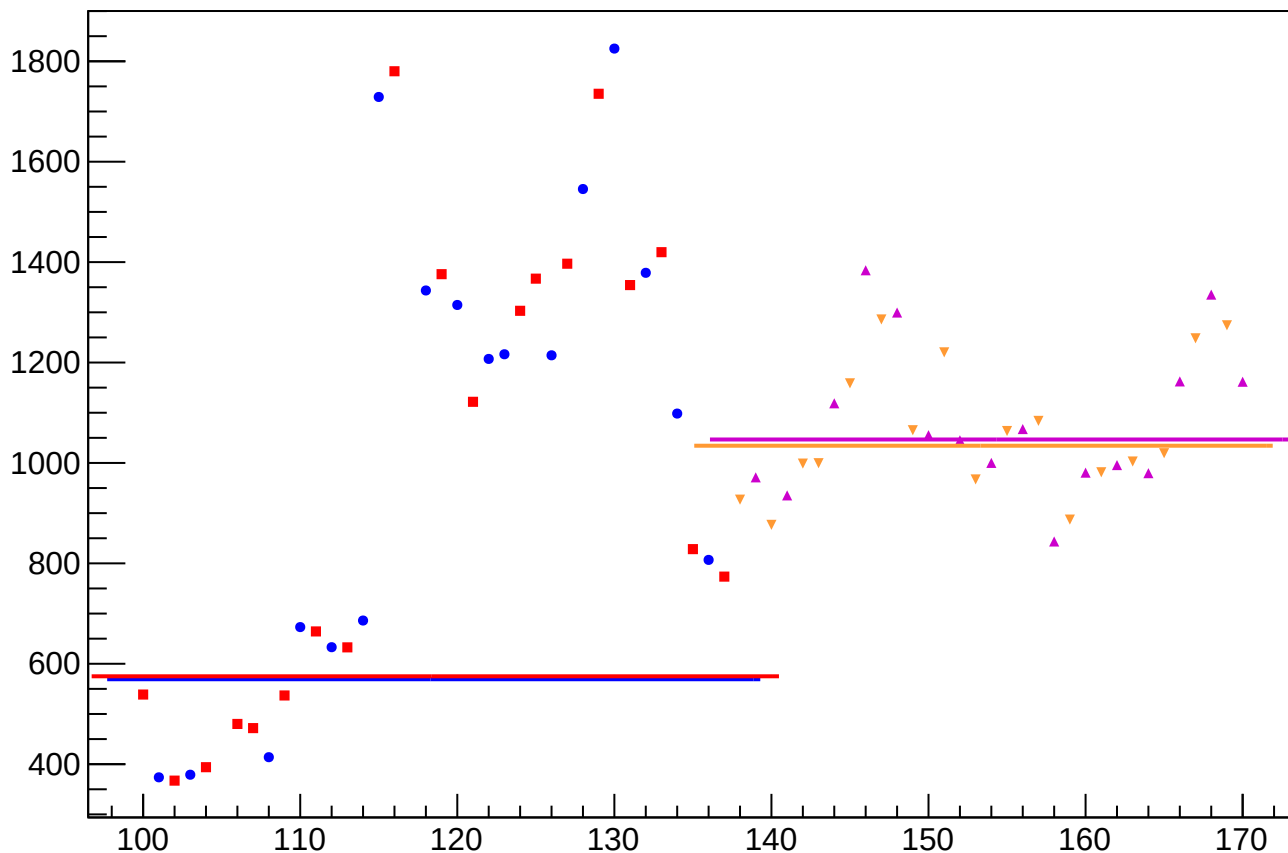
Right: 159.765 $\pm$ 175.557 χ^2/NDF : 33.1/35

In: 271.881 $\pm$ 192.758 χ^2/NDF :42.4/32

Out: 321.187 $\pm$ 186.980 χ^2/NDF :49.5/35

All: 297.284 $\pm$ 134.211 χ^2/NDF : 91.9/68

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1034.308 $\pm$ 0.206 χ^2 /NDF: 354381.9/16

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1046.712 $\pm$ 0.211 χ^2 /NDF: 417839.8/15

Left: 1040.367 $\pm$ 0.147 χ^2 /NDF: 773995.6/32

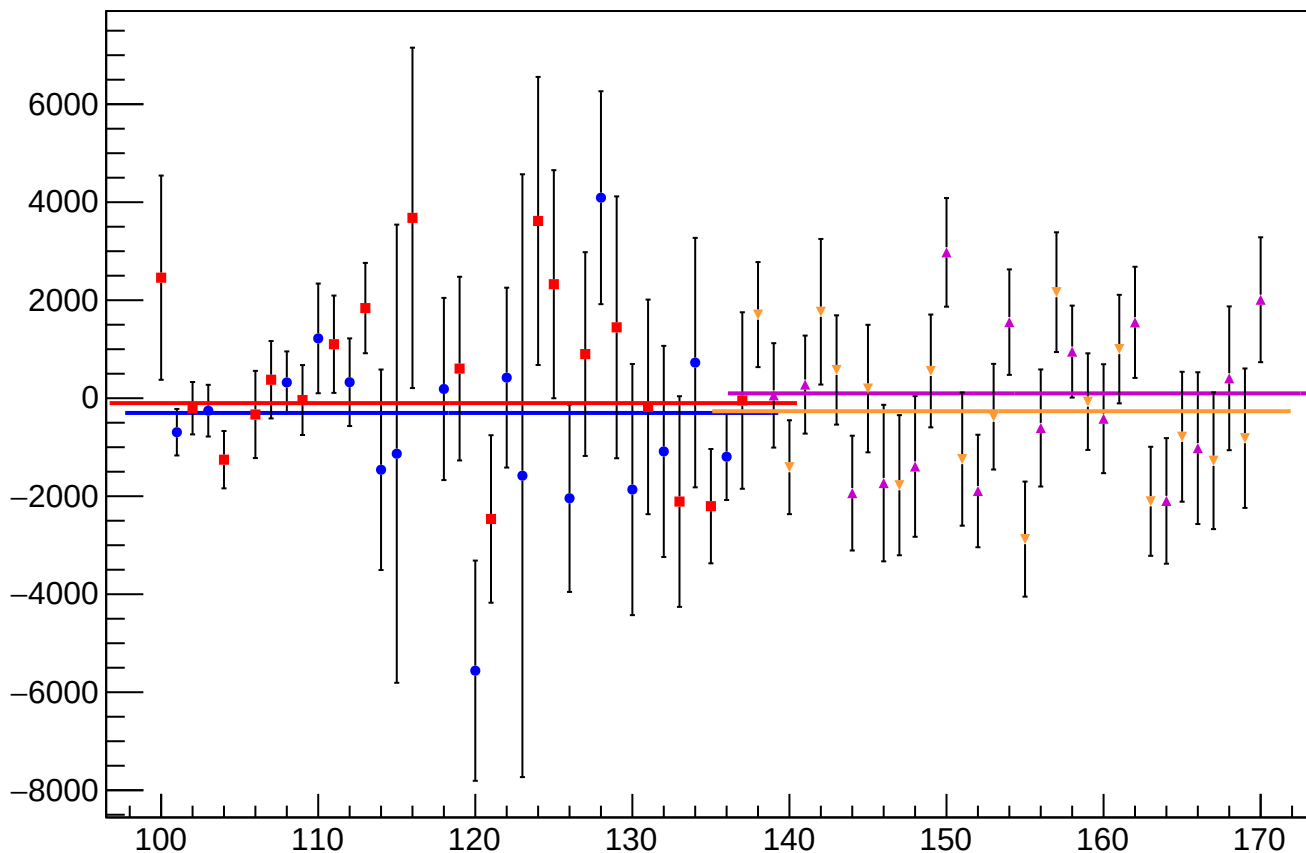
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 769.132 $\pm$ 0.136 χ^2 /NDF: 6672171.2/32

Out: 764.544 $\pm$ 0.132 χ^2 /NDF: 6337556.9/35

All: 766.768 $\pm$ 0.095 χ^2 /NDF: 13010311.7/68

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -265.850 ± 287.746 χ^2/NDF : 23.3/16

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 99.097 ± 295.480 χ^2/NDF : 25.8/15

Left: -88.214 ± 206.147 χ^2/NDF : 49.9/32

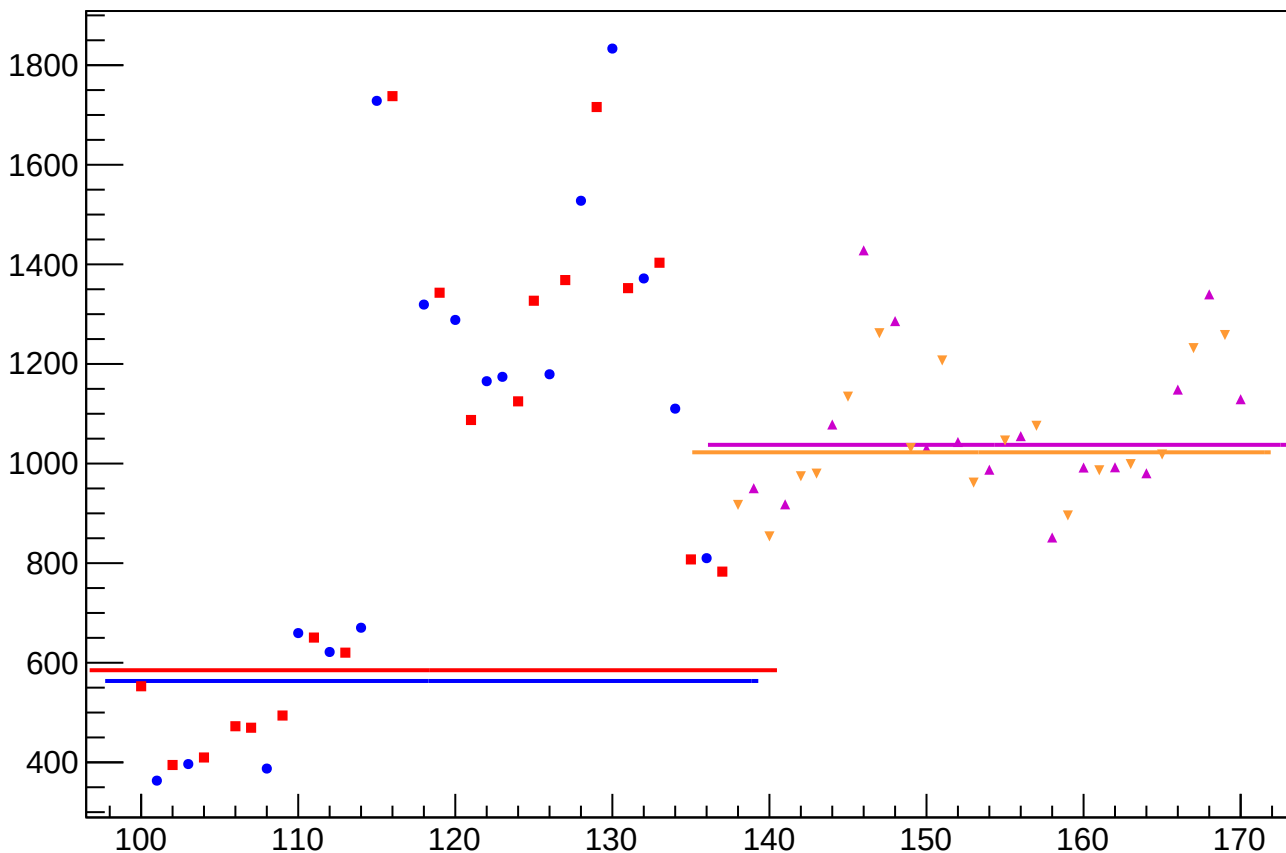
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -133.642 ± 190.988 χ^2/NDF : 43.6/32

Out: -169.988 ± 186.965 χ^2/NDF : 45.9/35

All: -152.202 ± 133.604 χ^2/NDF : 89.5/68

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1022.585 $\pm$ 0.203 χ^2 /NDF:341206.3/16

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1037.590 $\pm$ 0.209 χ^2 /NDF:423332.0/15

Left: 1029.889 $\pm$ 0.146 χ^2 /NDF: 767185.5/32

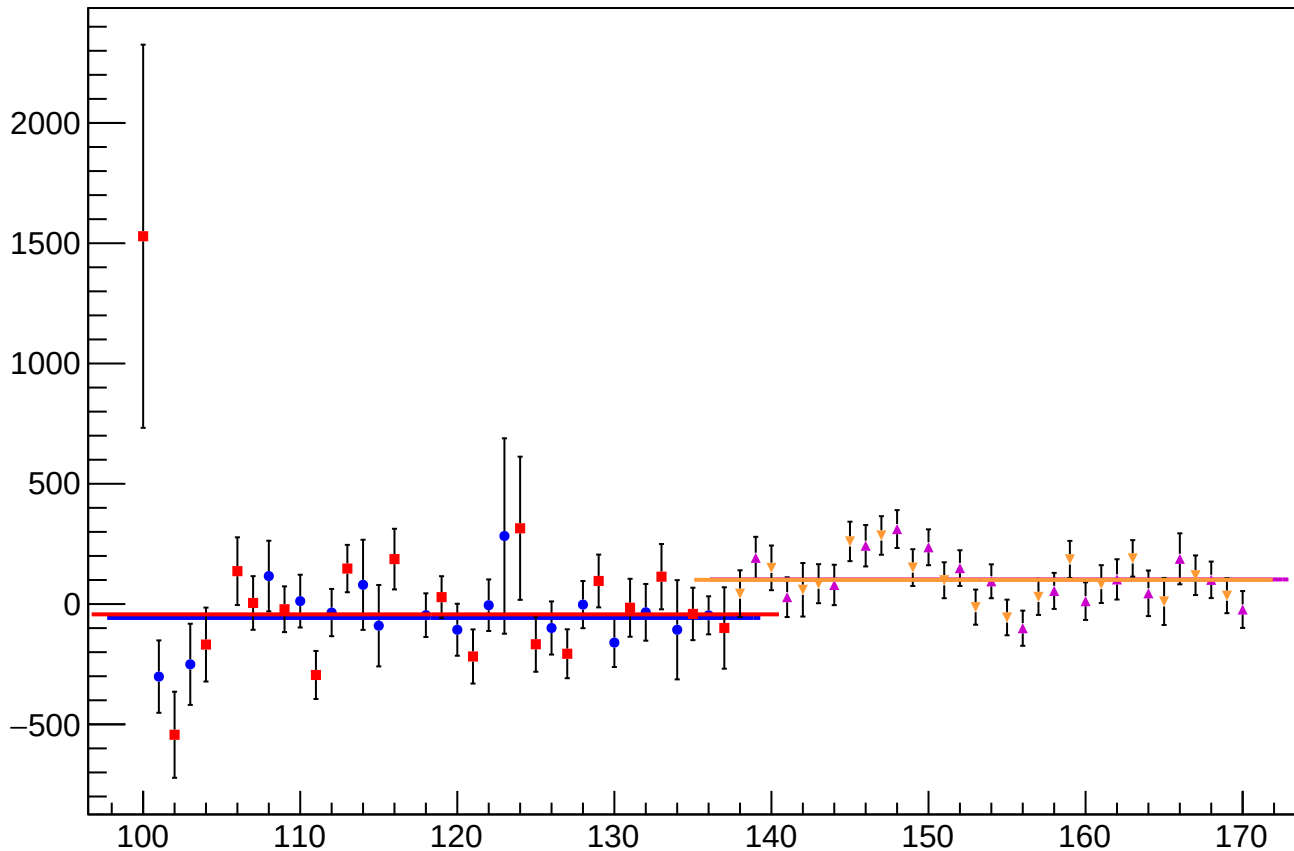
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 761.507 $\pm$ 0.135 χ^2 /NDF:6681356.5/32

Out: 769.732 $\pm$ 0.132 χ^2 /NDF:5832584.2/35

All: 765.707 $\pm$ 0.094 χ^2 /NDF: 12515834.9/68

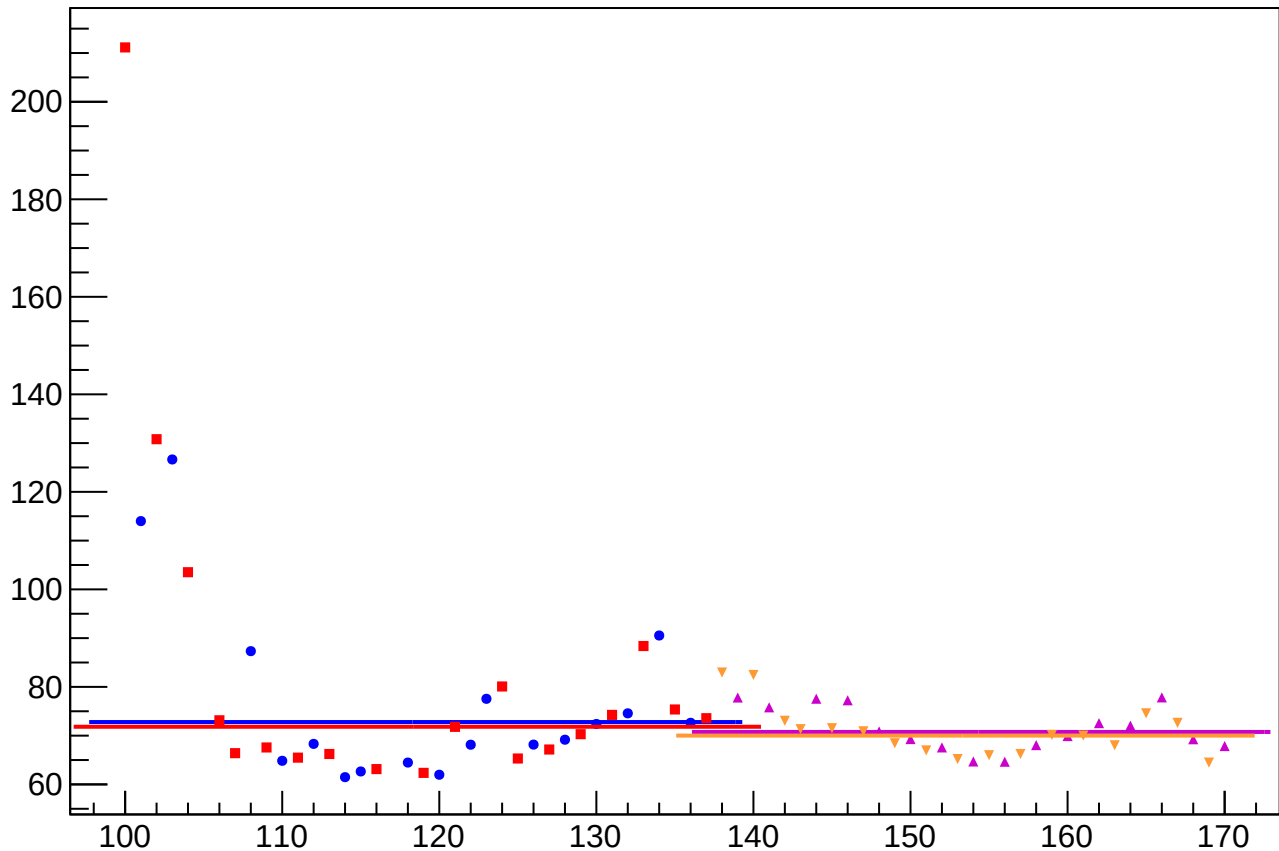
dit_asym_sam7_mean vs Slug, Sign Corrected



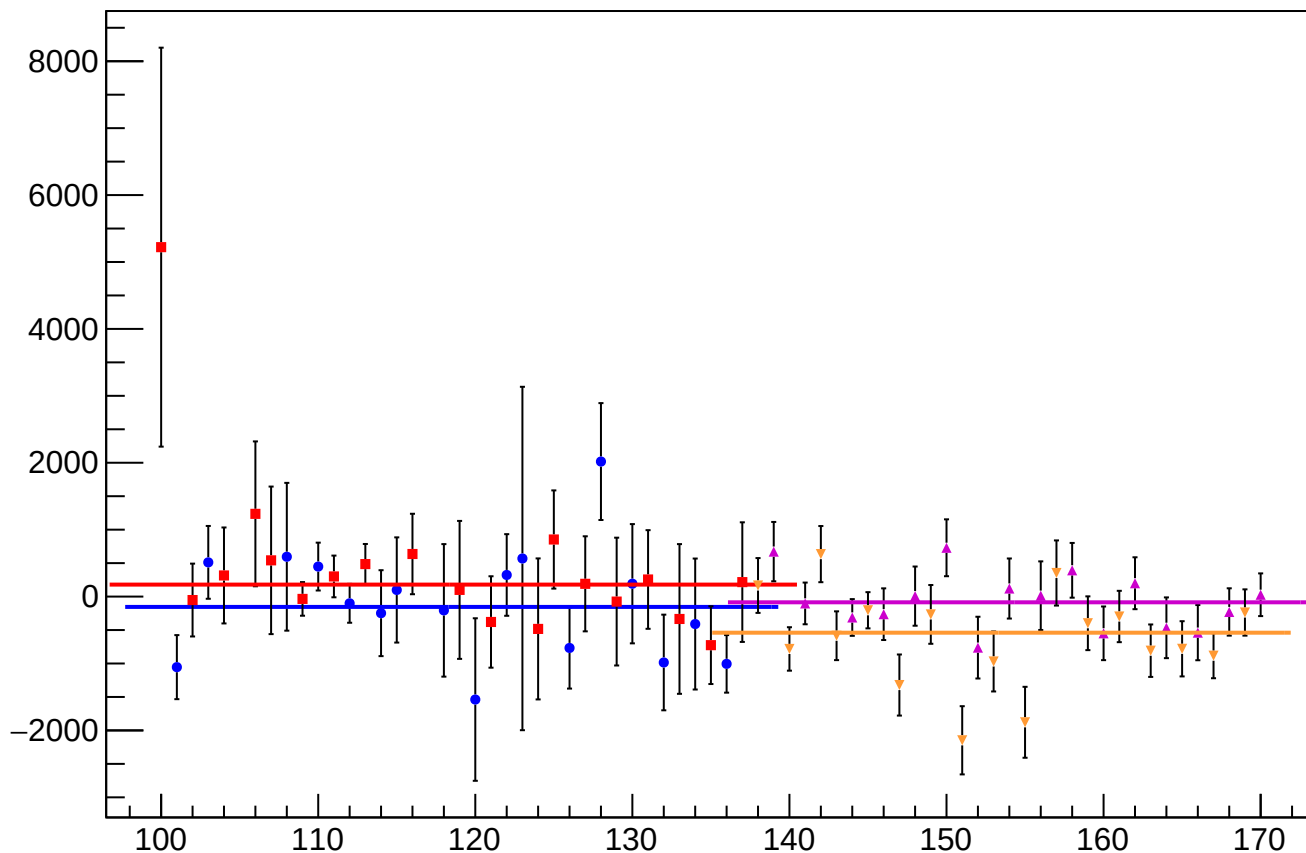
Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
 Left Out: 100.781 ± 19.608 χ^2/NDF : 22.5/16
 Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
 Left In: 102.386 ± 20.026 χ^2/NDF : 28.4/15

Left: 101.566 ± 14.010 χ^2/NDF : 50.9/32
 Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
 In: 49.948 ± 16.422 χ^2/NDF : 58.5/32
 Out: 52.844 ± 16.003 χ^2/NDF : 79.5/35
 All: 51.433 ± 11.461 χ^2/NDF : 137.9/68

dit_asym_sam7_rms vs Slug, Sign Corrected



asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -539.648+/-94.723 χ^2/NDF :40.0/16

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -85.556+/-96.719 χ^2/NDF :15.4/15

Left: -317.337+/-67.674 χ^2/NDF : 66.6/32

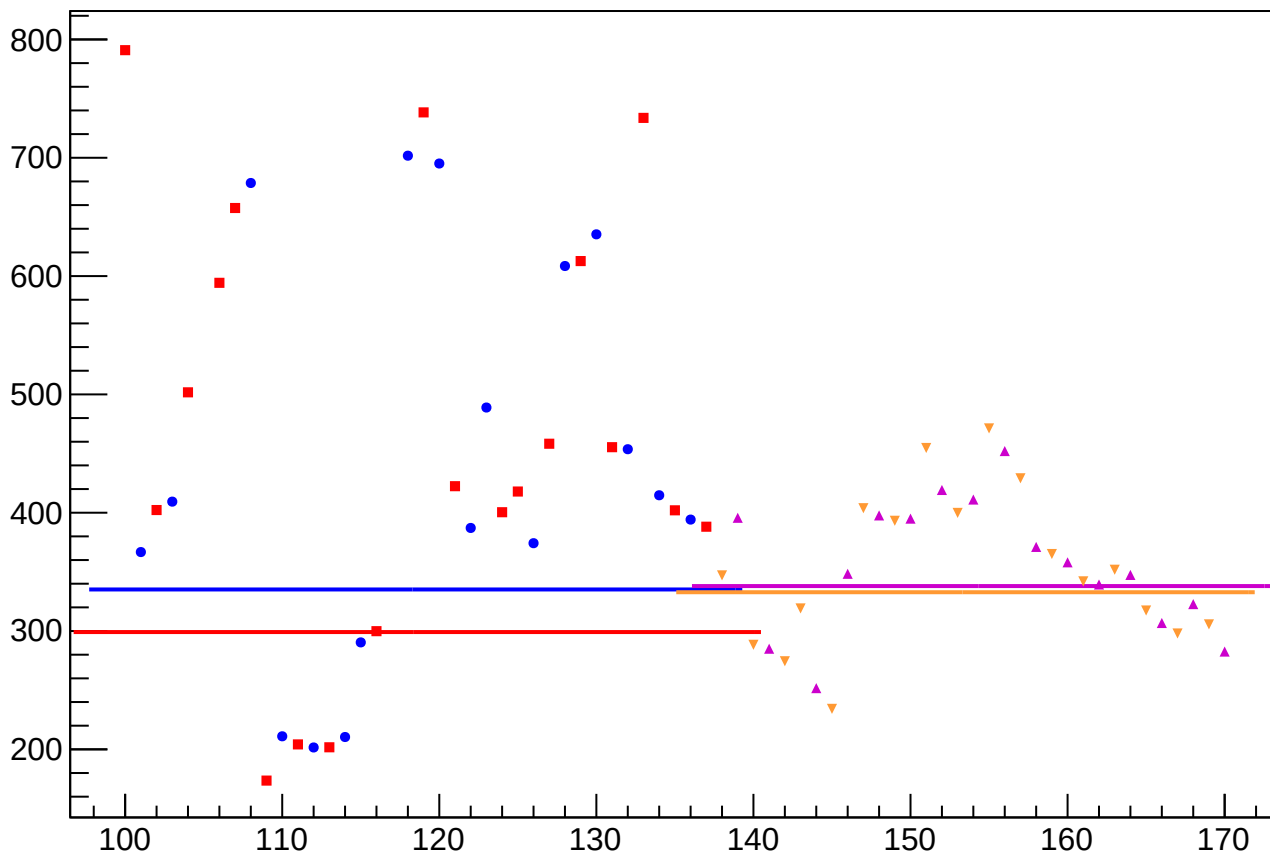
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -107.649+/-79.704 χ^2/NDF :38.7/32

Out: -280.413+/-75.737 χ^2/NDF :72.0/35

All: -198.437+/-54.903 χ^2/NDF : 113.2/68

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 332.798+/-0.067 χ^2/NDF : 862395.3/16

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 338.009+/-0.068 χ^2/NDF : 671711.4/15

Left: 335.349+/-0.048 χ^2/NDF : 1537070.2/32

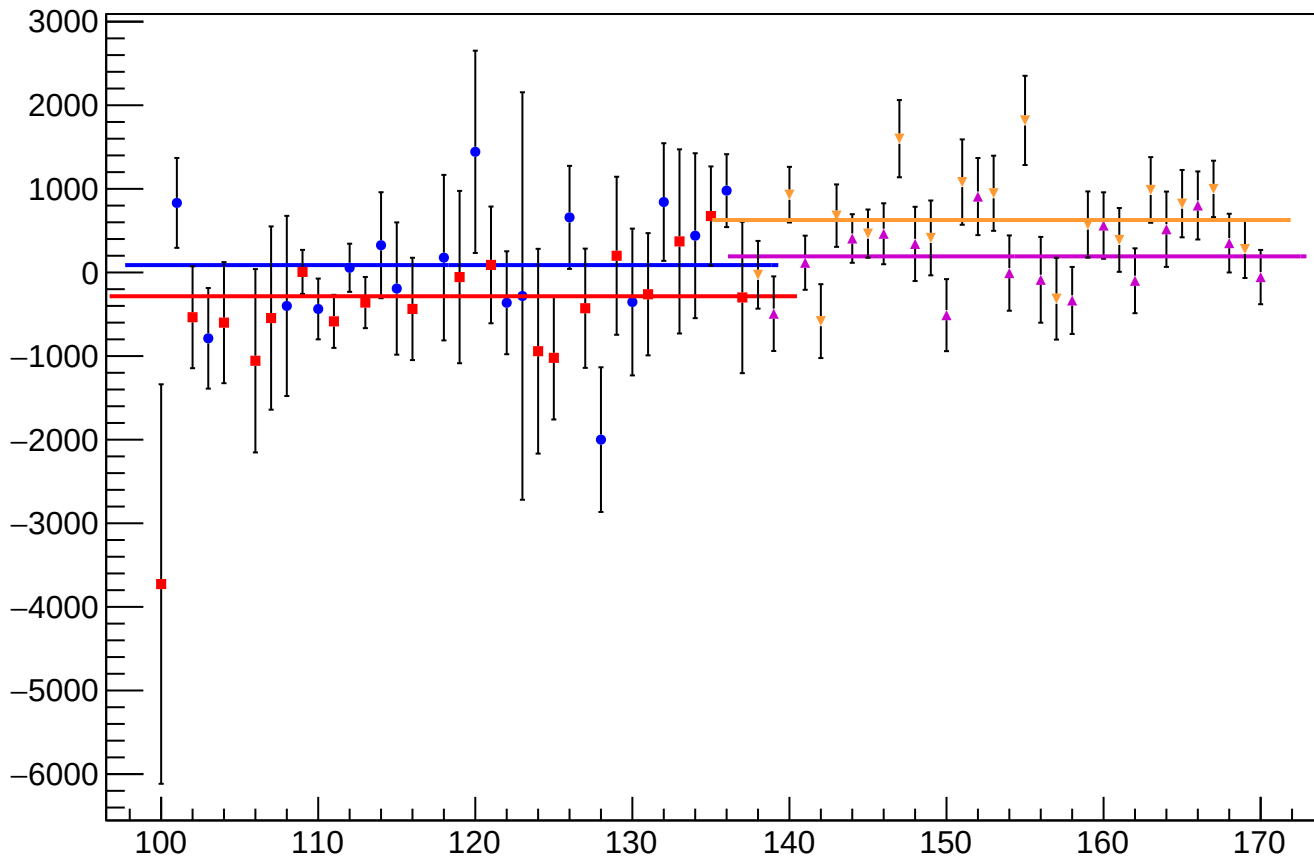
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 337.087+/-0.056 χ^2/NDF : 2666323.7/32

Out: 320.656+/-0.054 χ^2/NDF : 3784595.3/35

All: 328.452+/-0.039 χ^2/NDF : 6495582.0/68

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 627.051+/-95.951 χ^2/NDF :29.6/16

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 192.629+/-97.316 χ^2/NDF :15.9/15

Left: 412.908+/-68.325 χ^2/NDF : 55.6/32

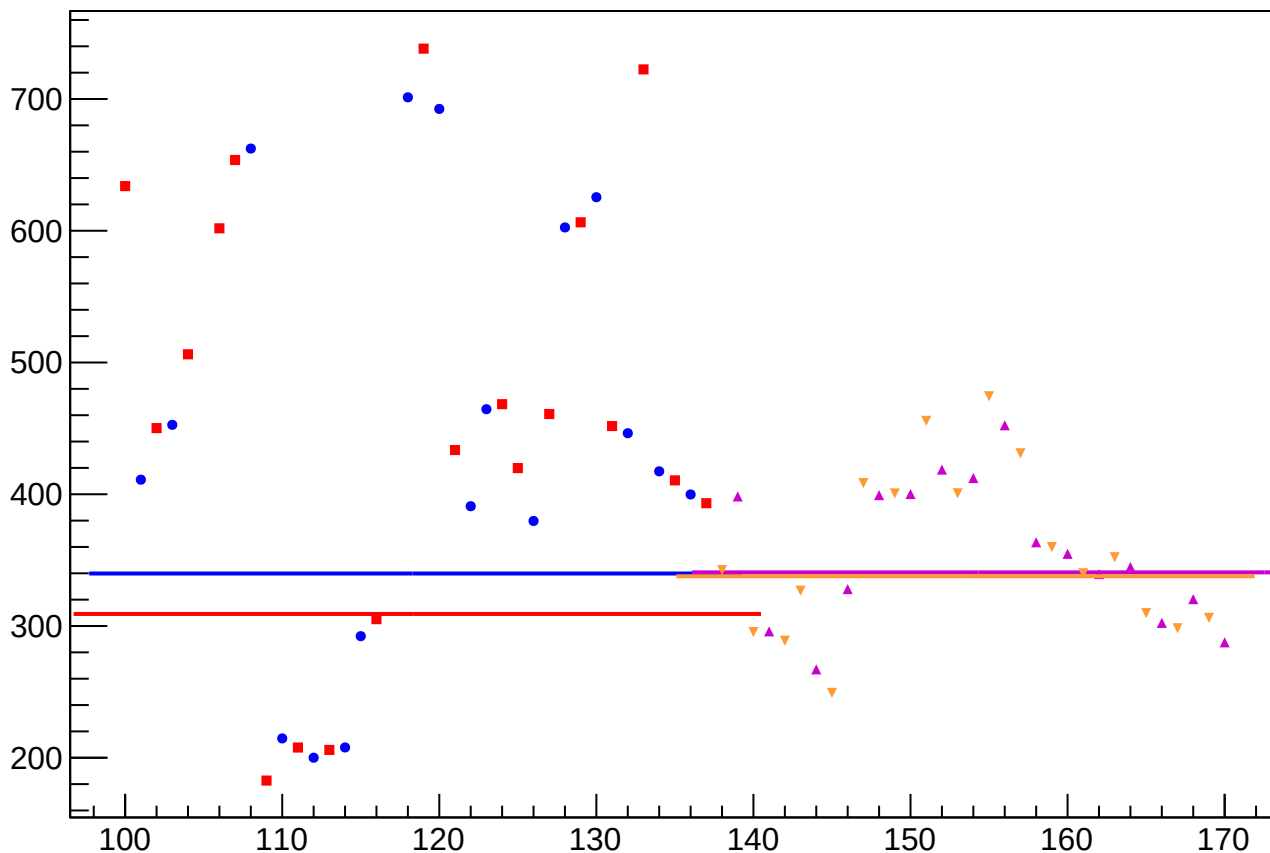
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 159.553+/-80.456 χ^2/NDF :37.1/32

Out: 304.542+/-77.132 χ^2/NDF :71.7/35

All: 235.105+/-55.679 χ^2/NDF : 110.4/68

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 337.760 ± 0.068 $\chi^2/\text{NDF}: 746435.9/16$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 340.712 ± 0.069 $\chi^2/\text{NDF}: 565062.3/15$

Left: 339.215 ± 0.048 $\chi^2/\text{NDF}: 1312431.5/32$

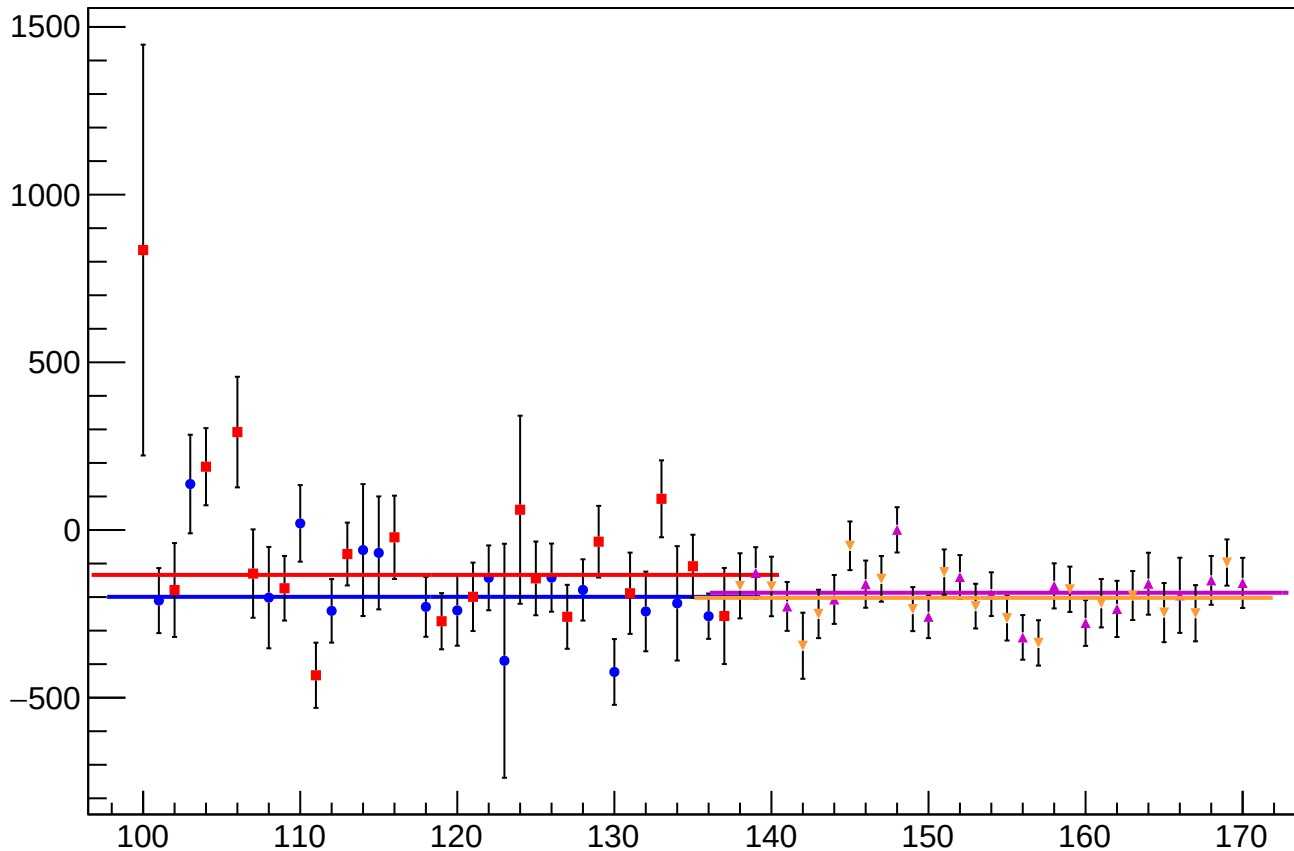
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 340.439 ± 0.057 $\chi^2/\text{NDF}: 2608634.4/32$

Out: 327.640 ± 0.055 $\chi^2/\text{NDF}: 3545195.0/35$

All: 333.770 ± 0.039 $\chi^2/\text{NDF}: 6180201.1/68$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -202.272 ± 17.869 $\chi^2/\text{NDF}: 17.6/16$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -187.065 ± 18.102 $\chi^2/\text{NDF}: 17.3/15$

Left: -194.767 ± 12.717 $\chi^2/\text{NDF}: 35.3/32$

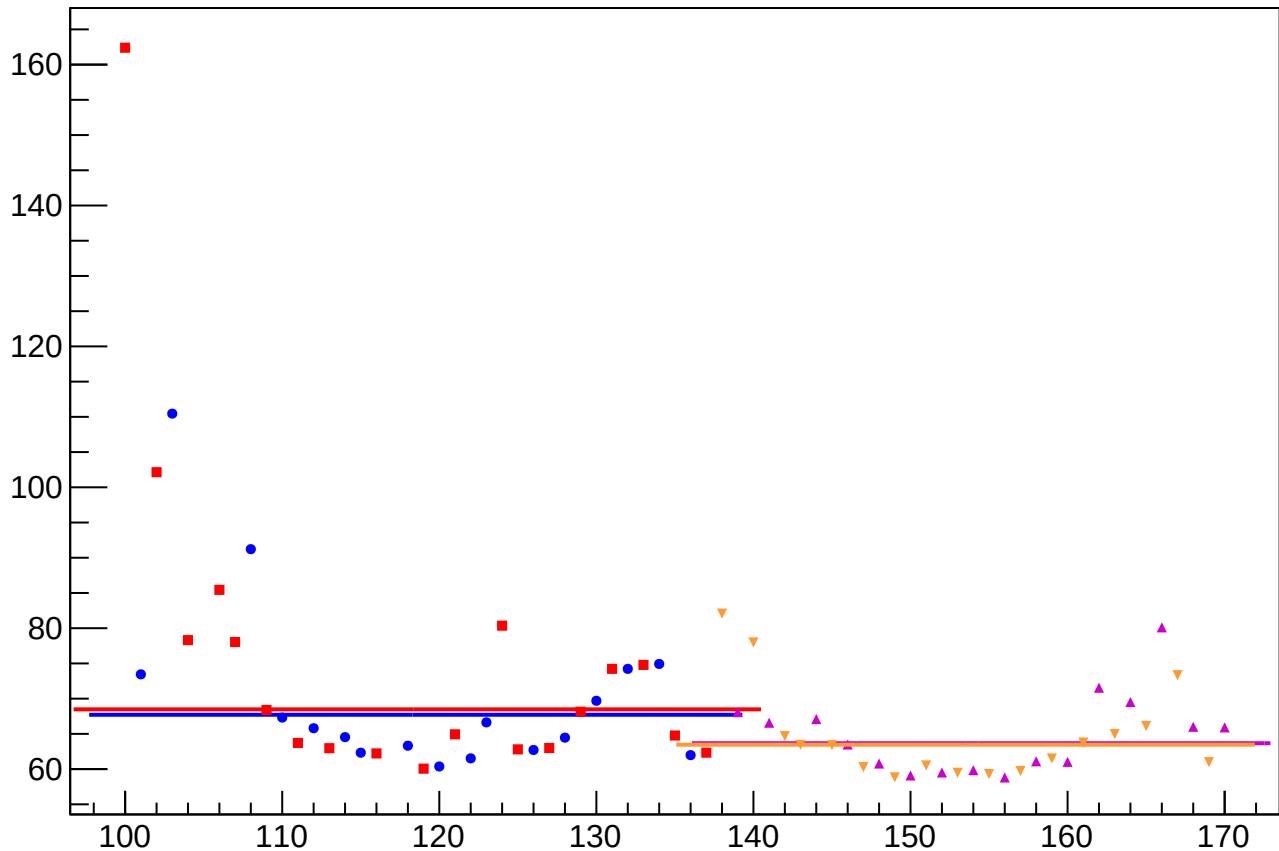
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -190.939 ± 14.950 $\chi^2/\text{NDF}: 35.1/32$

Out: -180.579 ± 14.768 $\chi^2/\text{NDF}: 61.4/35$

All: -185.696 ± 10.506 $\chi^2/\text{NDF}: 96.7/68$

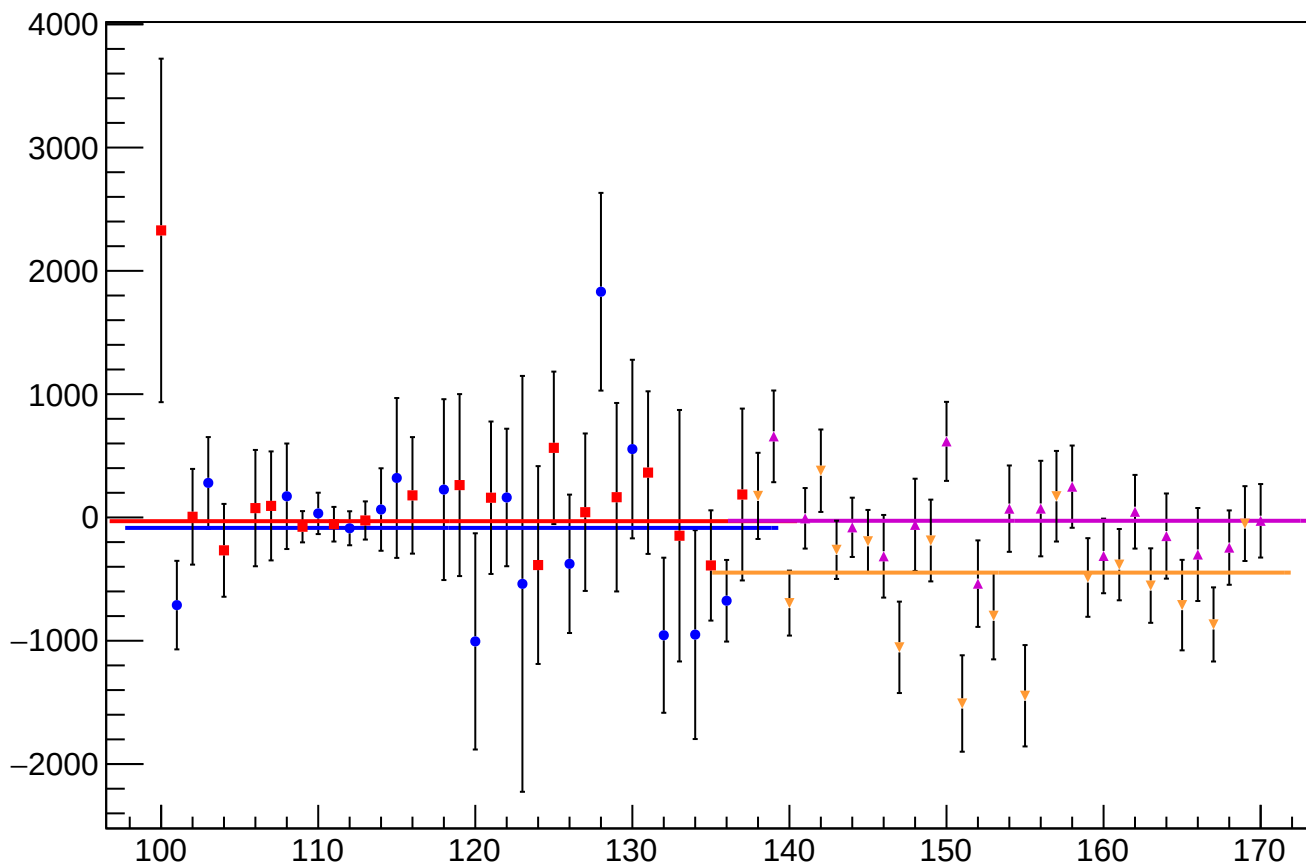
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16
 Left Out: 63.465+/-0.013 χ^2/NDF : 201027.6/16
 Right Out: 68.481+/-0.019 χ^2/NDF : 281423.4/18
 Left In: 63.672+/-0.013 χ^2/NDF : 132436.6/15

Left: 63.567+/-0.009 χ^2/NDF : 333595.7/32
 Right: 68.102+/-0.013 χ^2/NDF : 565158.7/35
 In: 64.957+/-0.011 χ^2/NDF : 447057.4/32
 Out: 65.055+/-0.010 χ^2/NDF : 532401.1/35
 All: 65.007+/-0.007 χ^2/NDF : 979502.2/68

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -447.364 ± 76.420 χ^2/NDF : 36.5/16

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: -27.033 ± 79.402 χ^2/NDF : 13.3/15

Left: -245.237 ± 55.061 χ^2/NDF : 64.4/32

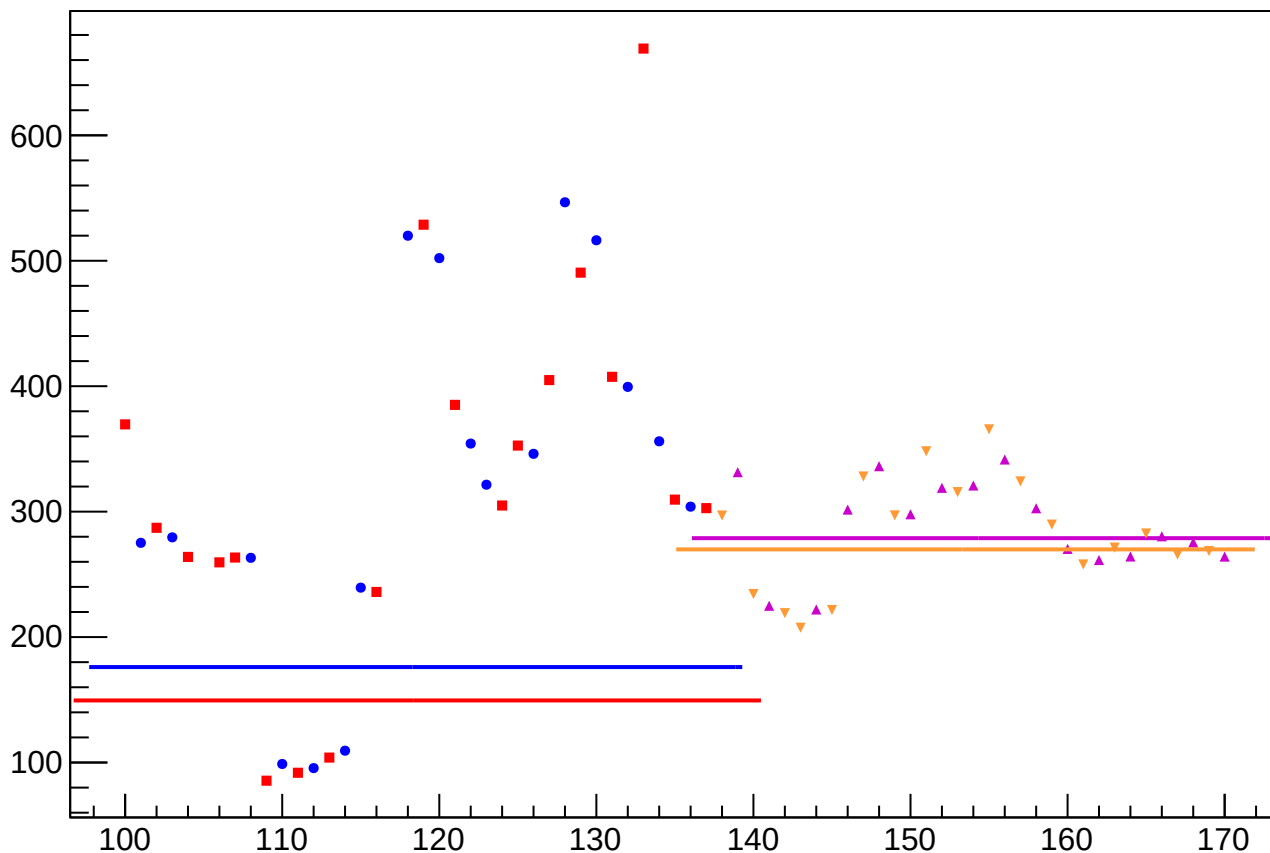
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -54.733 ± 57.265 χ^2/NDF : 33.5/32

Out: -219.536 ± 51.483 χ^2/NDF : 59.1/35

All: -145.873 ± 38.285 χ^2/NDF : 97.1/68

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.906+/-0.054 χ^2/NDF : 648557.2/16

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 278.850+/-0.056 χ^2/NDF : 446139.5/15

Left: 274.207+/-0.039 χ^2/NDF : 1107869.3/32

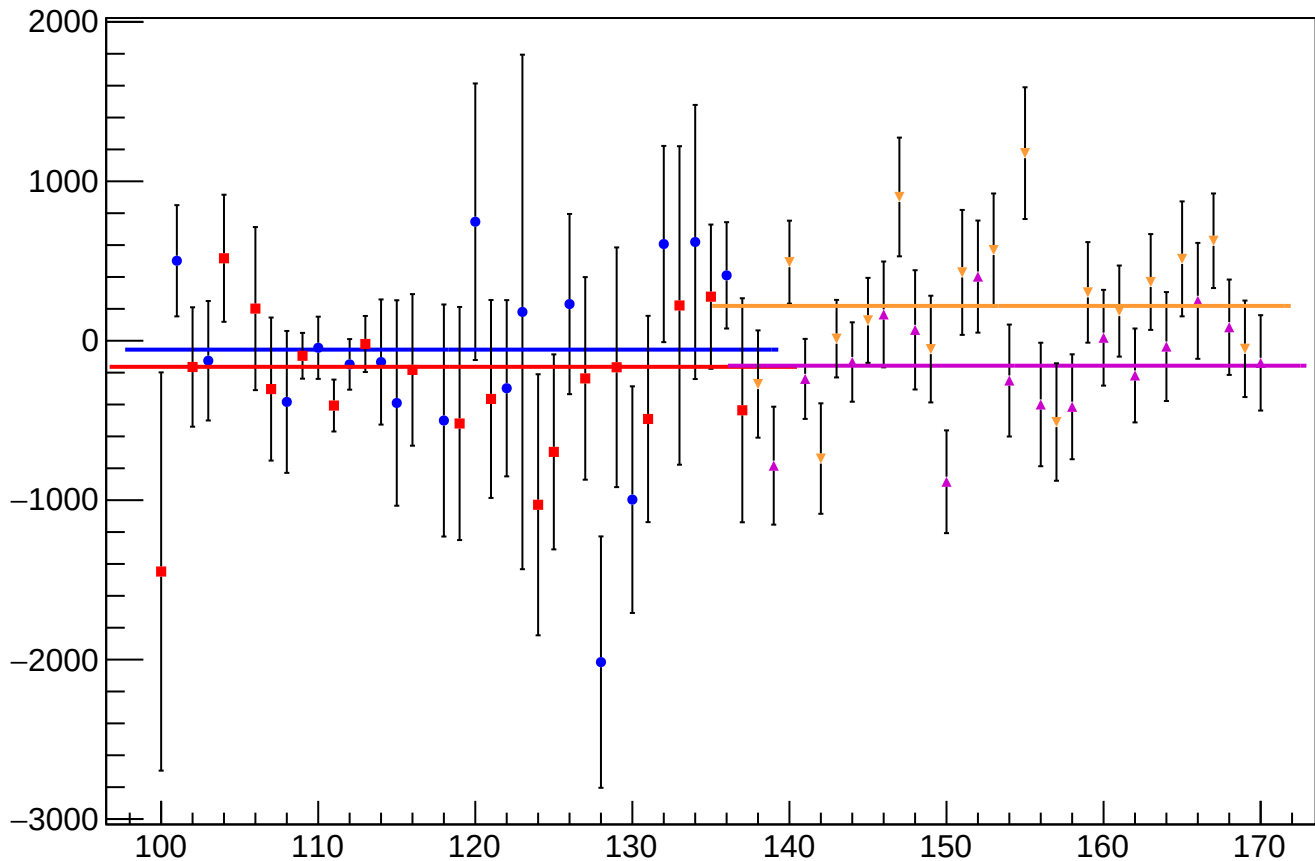
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 229.543+/-0.040 χ^2/NDF : 6277013.3/32

Out: 204.136+/-0.036 χ^2/NDF : 8181884.6/35

All: 215.492+/-0.027 χ^2/NDF : 14676613.0/68

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 218.547 ± 76.662 χ^2/NDF : 30.0/16

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -156.492 ± 79.463 χ^2/NDF : 15.4/15

Left: 37.754 ± 55.172 χ^2/NDF : 56.9/32

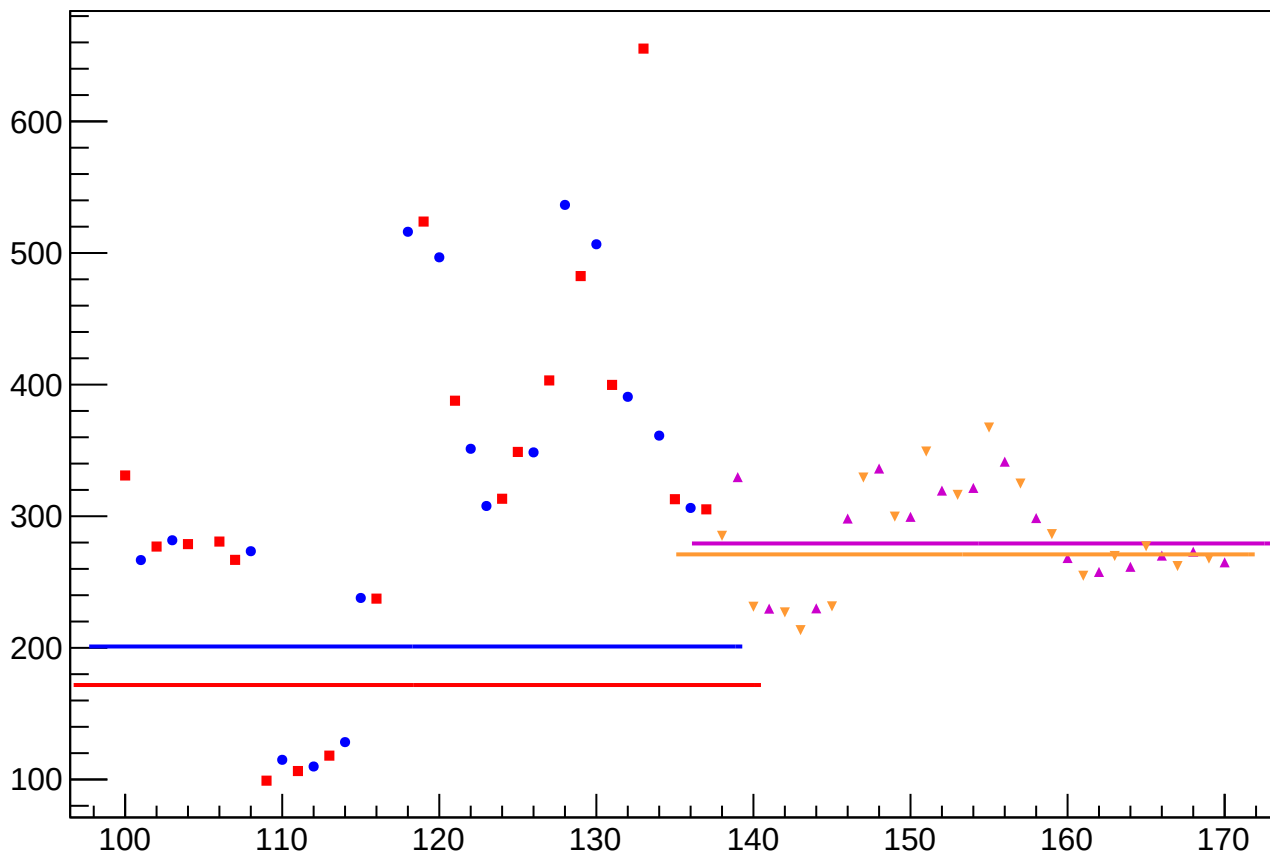
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -112.663 ± 59.733 χ^2/NDF : 33.3/32

Out: 28.147 ± 54.301 χ^2/NDF : 53.8/35

All: -35.567 ± 40.180 χ^2/NDF : 90.1/68

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.020+/-0.054 χ^2/NDF : 580008.0/16

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 279.311+/-0.056 χ^2/NDF : 393062.3/15

Left: 275.017+/-0.039 χ^2/NDF : 984348.3/32

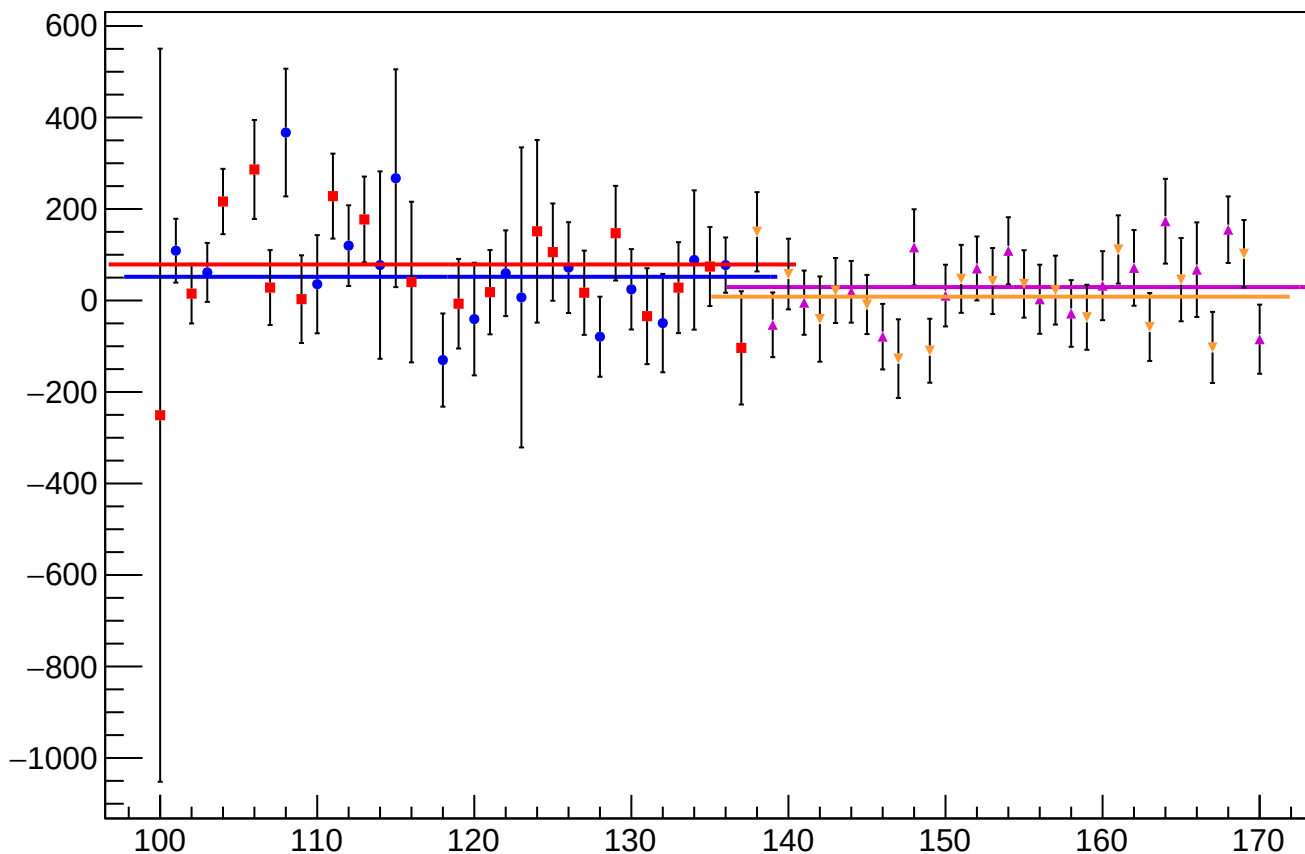
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 245.266+/-0.042 χ^2/NDF : 4670159.3/32

Out: 221.563+/-0.038 χ^2/NDF : 6348724.4/35

All: 232.288+/-0.028 χ^2/NDF : 11191317.1/68

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 8.338 $\pm$ 18.392 χ^2 /NDF:16.4/16

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 29.322 $\pm$ 18.792 χ^2 /NDF:15.4/15

Left: 18.604 $\pm$ 13.144 χ^2 /NDF: 32.5/32

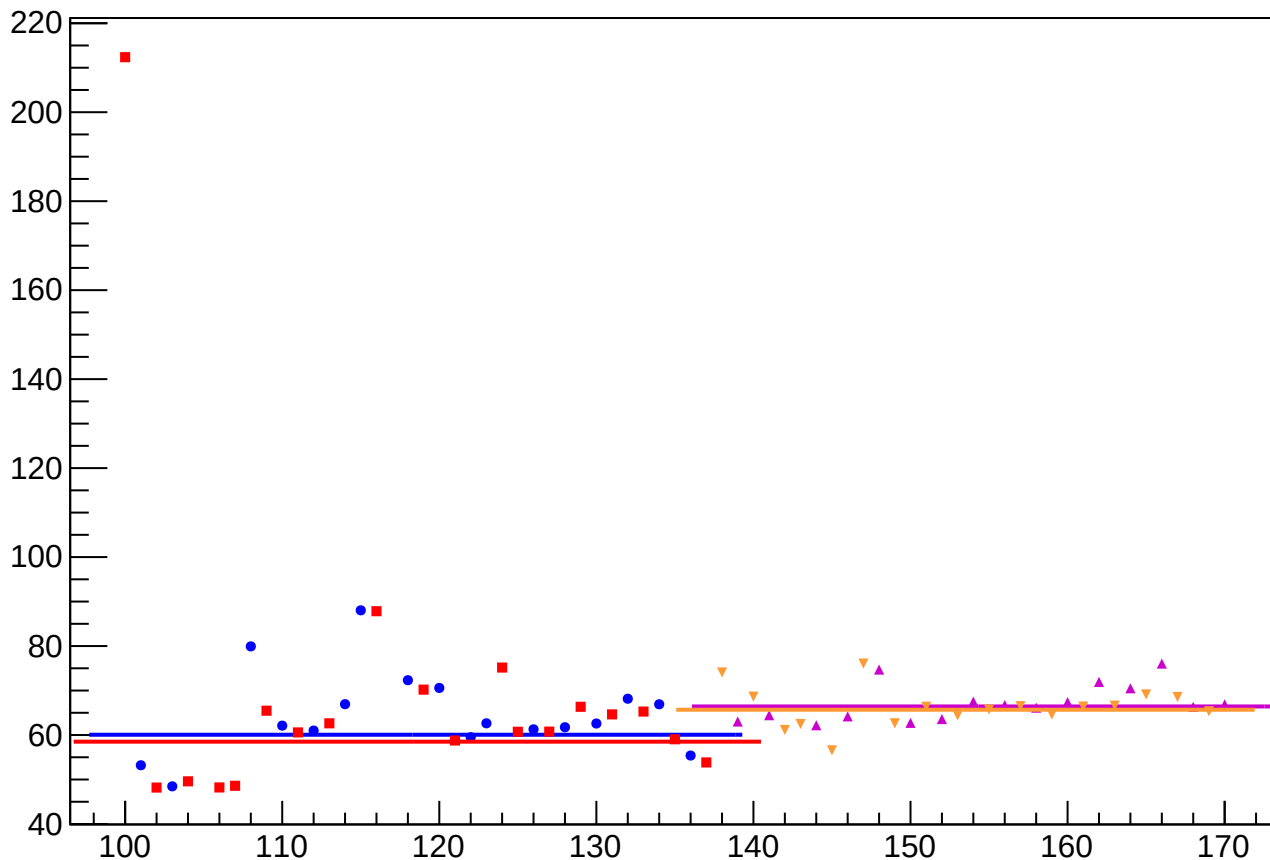
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 38.072 $\pm$ 14.686 χ^2 /NDF:30.5/32

Out: 36.555 $\pm$ 14.238 χ^2 /NDF:41.4/35

All: 37.290 $\pm$ 10.222 χ^2 /NDF: 71.9/68

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: 65.683 $\pm$ 0.013 χ^2 /NDF: 110815.1/16

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.424 $\pm$ 0.013 χ^2 /NDF: 76167.7/15

Left: 66.045 $\pm$ 0.009 χ^2 /NDF: 188569.6/32

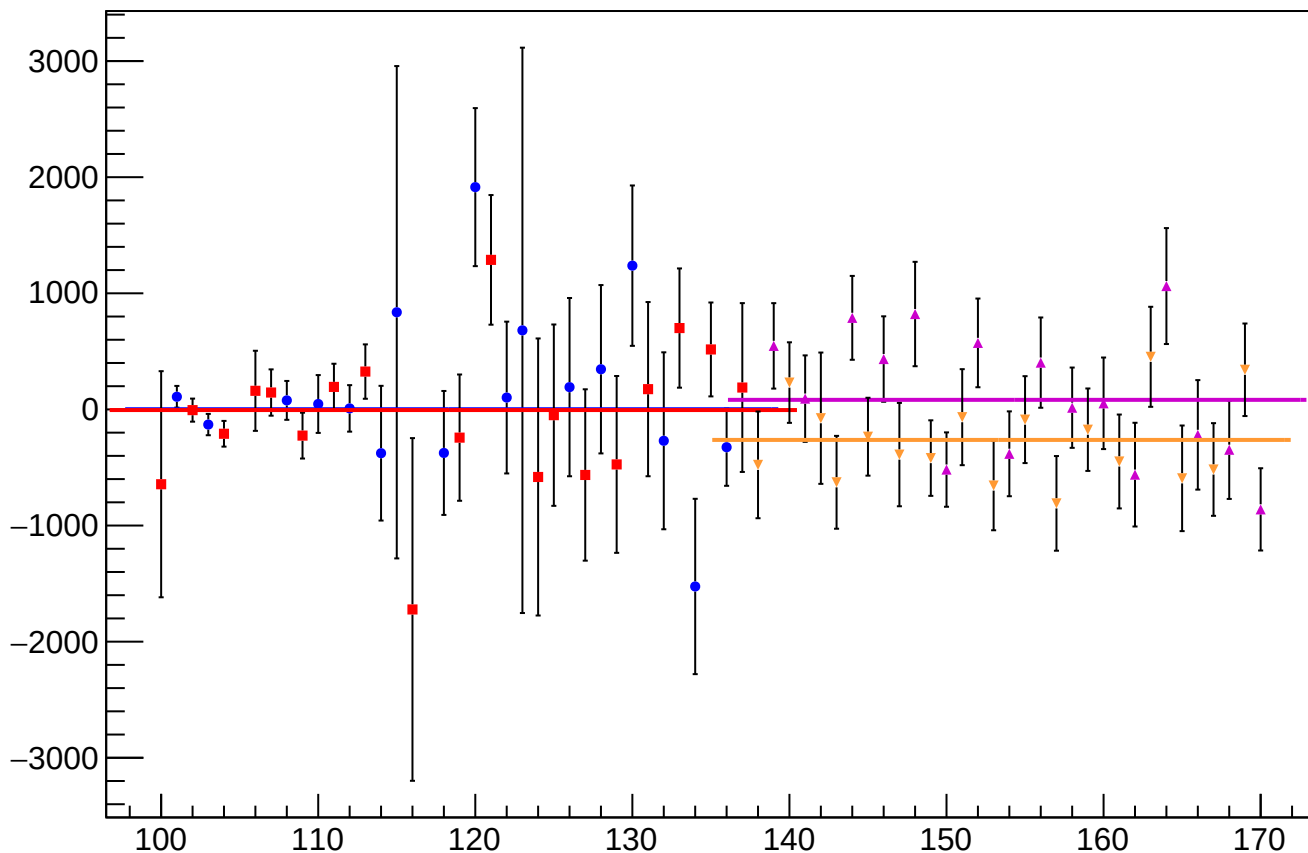
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 63.948 $\pm$ 0.010 χ^2 /NDF: 394391.2/32

Out: 62.808 $\pm$ 0.010 χ^2 /NDF: 581603.2/35

All: 63.360 $\pm$ 0.007 χ^2 /NDF: 982215.9/68

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -262.621 $\pm$ 96.033 χ^2 /NDF:13.1/16

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 82.517 $\pm$ 96.593 χ^2 /NDF:31.0/15

Left: -91.055 $\pm$ 68.103 χ^2 /NDF: 50.5/32

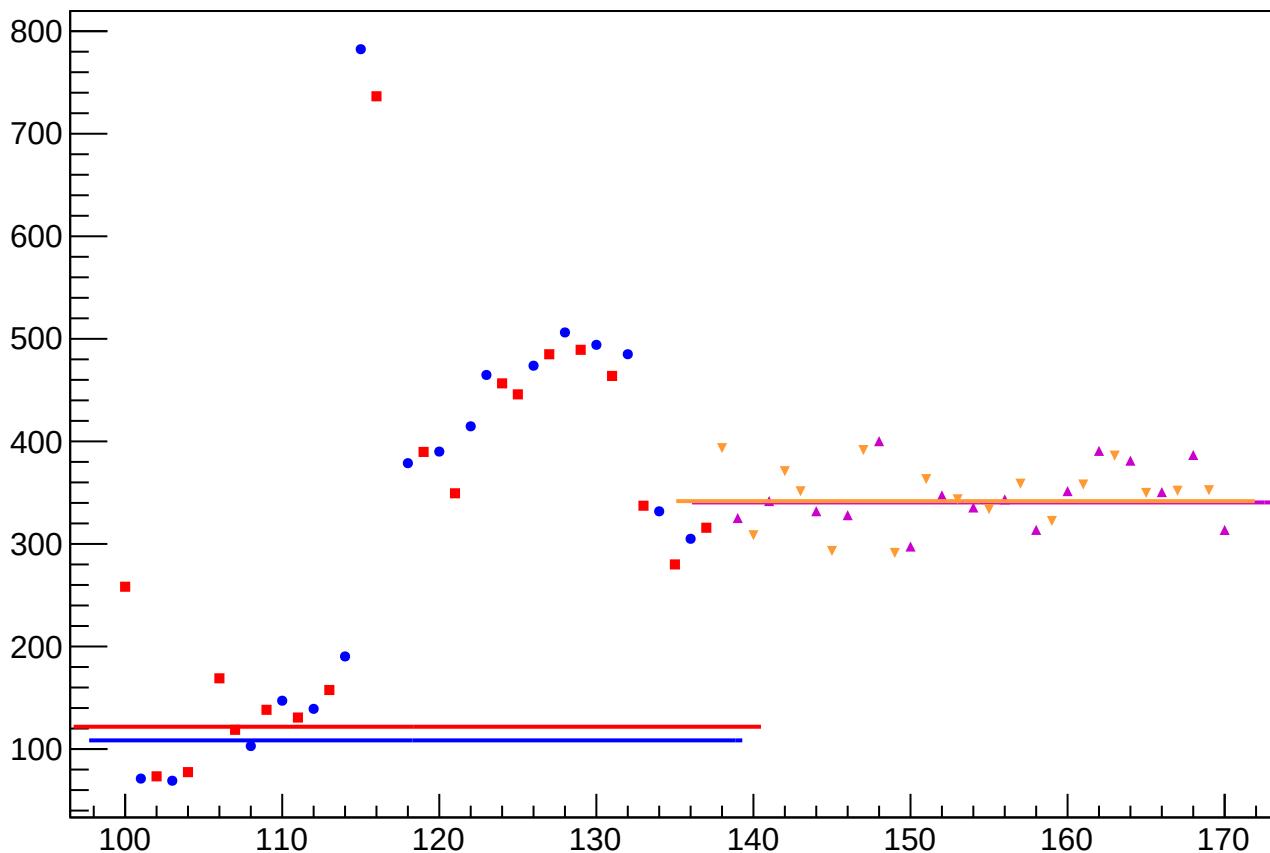
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 21.007 $\pm$ 47.323 χ^2 /NDF:52.9/32

Out: -71.570 $\pm$ 48.707 χ^2 /NDF:39.1/35

All: -23.947 $\pm$ 33.941 χ^2 /NDF: 93.8/68

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 341.747+/-0.068 χ^2/NDF : 208863.1/16

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 340.470+/-0.068 χ^2/NDF : 167852.2/15

Left: 341.112+/-0.048 χ^2/NDF : 376890.9/32

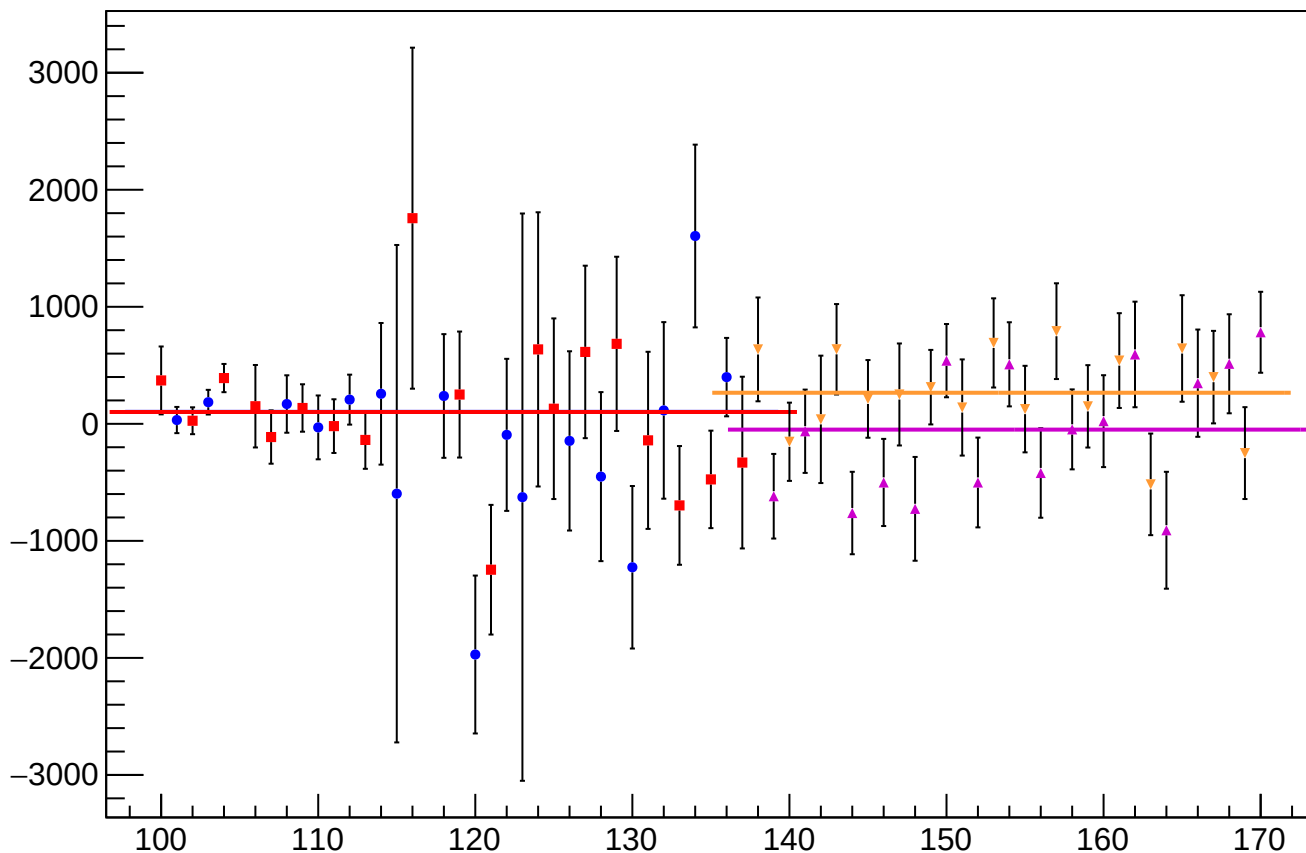
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 164.136+/-0.033 χ^2/NDF : 14342158.2/32

Out: 178.354+/-0.034 χ^2/NDF : 12774735.4/35

All: 171.040+/-0.024 χ^2/NDF : 27204554.2/68

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 265.563 $\pm$ 94.654 χ^2 /NDF:12.9/16

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -49.389 $\pm$ 95.269 χ^2 /NDF:32.0/15

Left: 109.108 $\pm$ 67.147 χ^2 /NDF: 50.4/32

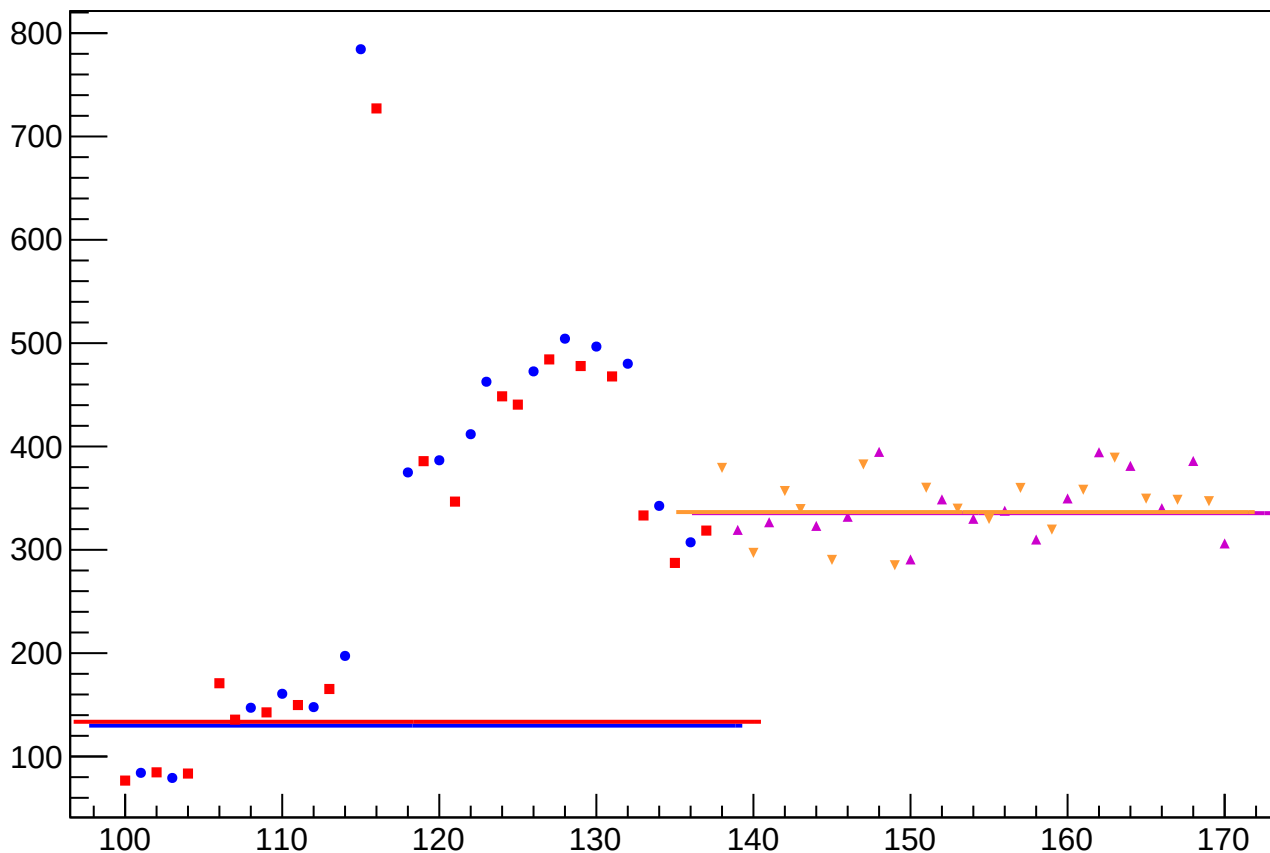
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 55.964 $\pm$ 52.623 χ^2 /NDF:54.0/32

Out: 149.294 $\pm$ 51.183 χ^2 /NDF:37.7/35

All: 103.924 $\pm$ 36.690 χ^2 /NDF: 93.3/68

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 336.535+/-0.067 χ^2/NDF : 221412.4/16

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 335.477+/-0.067 χ^2/NDF : 195310.2/15

Left: 336.010+/-0.047 χ^2/NDF : 416846.8/32

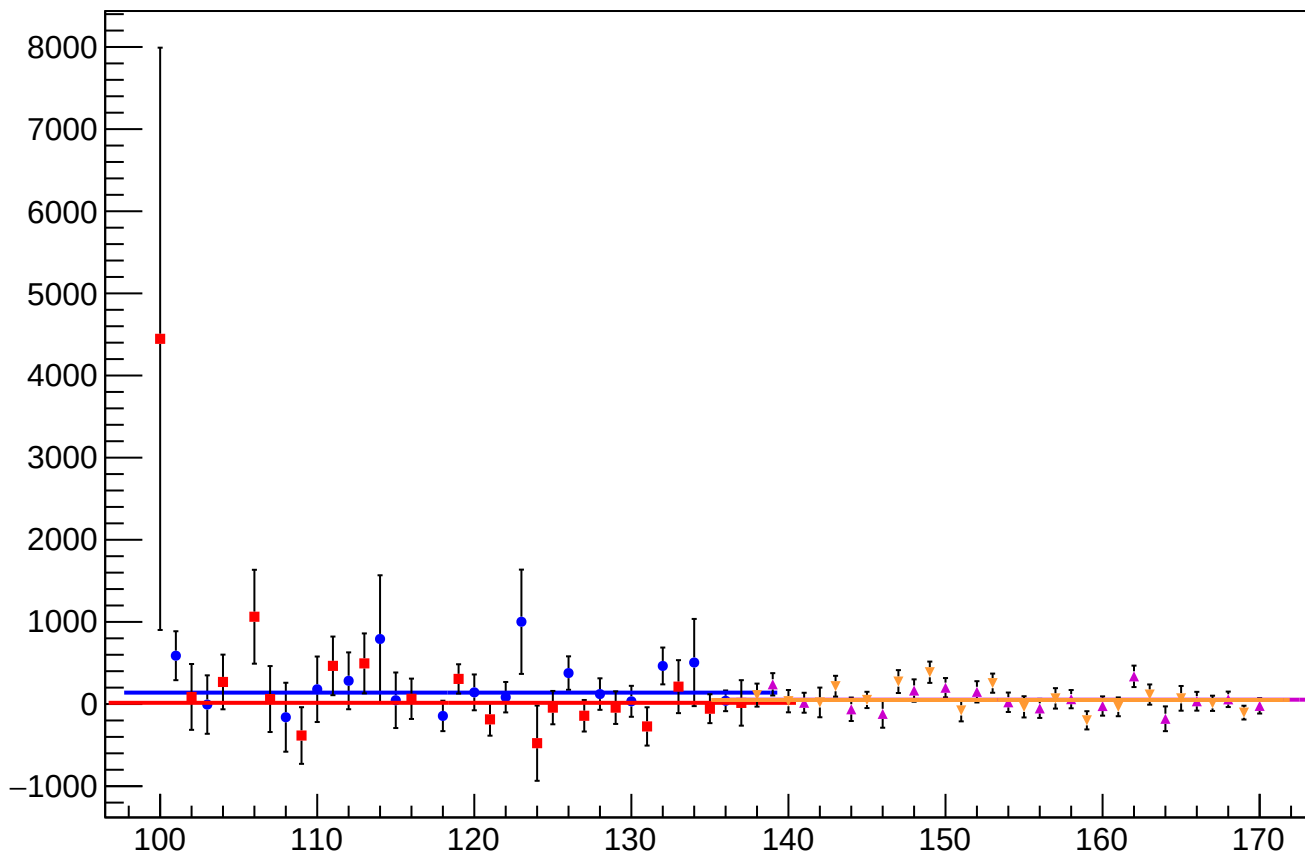
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 192.611+/-0.037 χ^2/NDF : 11497126.1/32

Out: 192.941+/-0.036 χ^2/NDF : 11089707.9/35

All: 192.781+/-0.026 χ^2/NDF : 22586874.3/68

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: 49.408 $\pm$ 28.968 χ^2 /NDF:25.2/16

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 52.914 $\pm$ 30.181 χ^2 /NDF:15.6/15

Left: 51.089 $\pm$ 20.899 χ^2 /NDF: 40.8/32

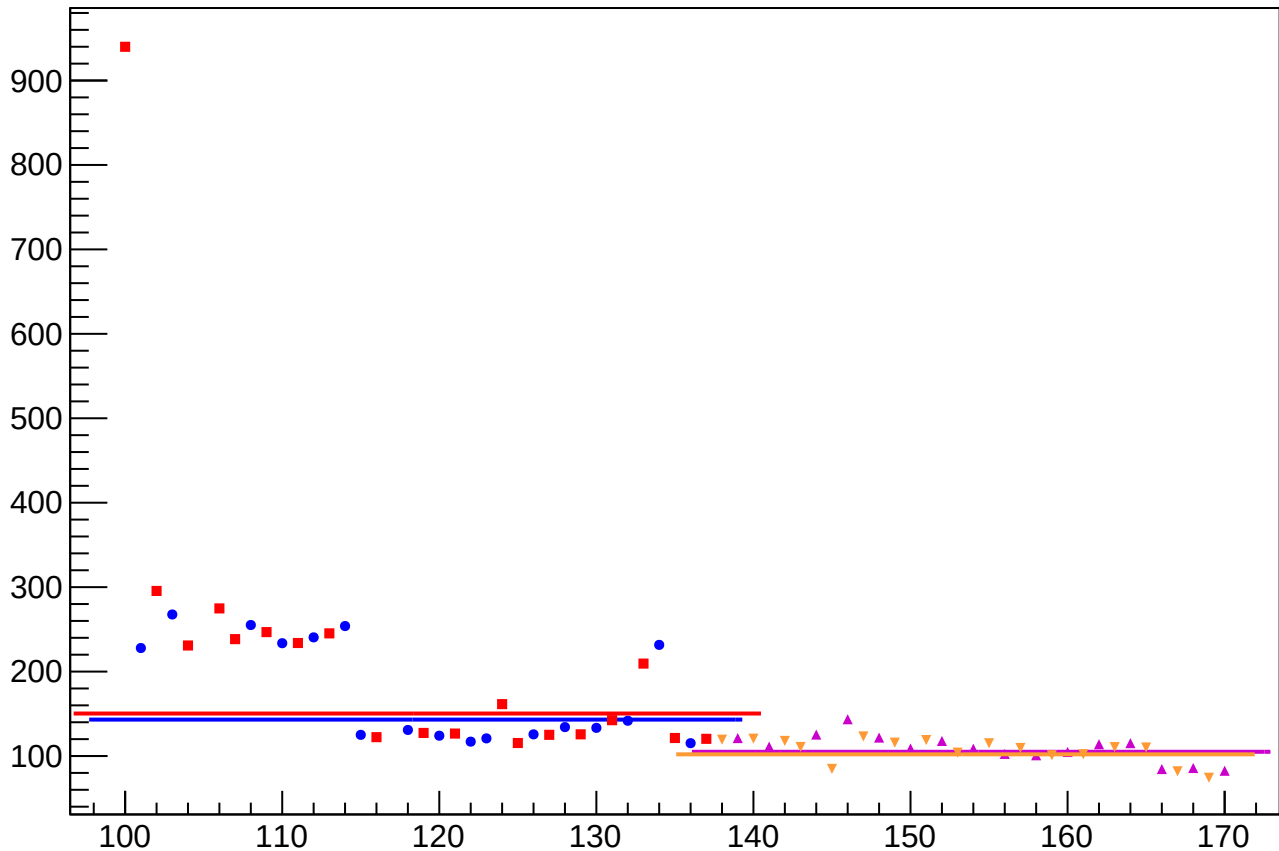
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 71.286 $\pm$ 26.771 χ^2 /NDF:30.4/32

Out: 42.908 $\pm$ 26.097 χ^2 /NDF:43.4/35

All: 56.735 $\pm$ 18.687 χ^2 /NDF: 74.4/68

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 102.017 $\pm$ 0.020 χ^2 /NDF: 610995.4/16

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 105.025 $\pm$ 0.021 χ^2 /NDF: 518219.0/15

Left: 103.460 $\pm$ 0.015 χ^2 /NDF: 1139552.5/32

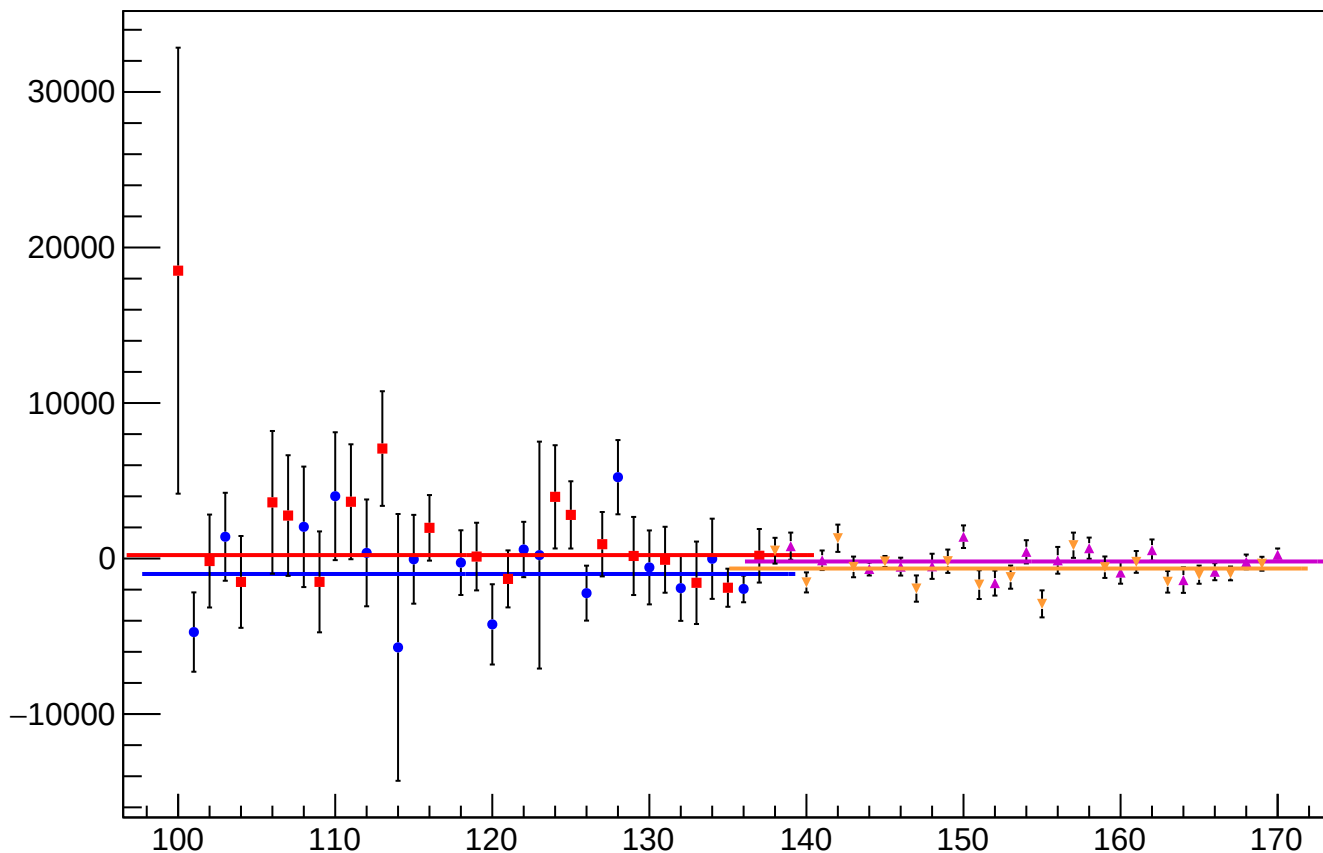
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 113.151 $\pm$ 0.019 χ^2 /NDF: 2299474.2/32

Out: 111.122 $\pm$ 0.018 χ^2 /NDF: 3091537.7/35

All: 112.111 $\pm$ 0.013 χ^2 /NDF: 5396898.9/68

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -642.957+/-151.346 χ^2/NDF : 28.5/16

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -189.516+/-153.702 χ^2/NDF : 20.0/15

Left: -419.738+/-107.841 χ^2/NDF : 52.9/32

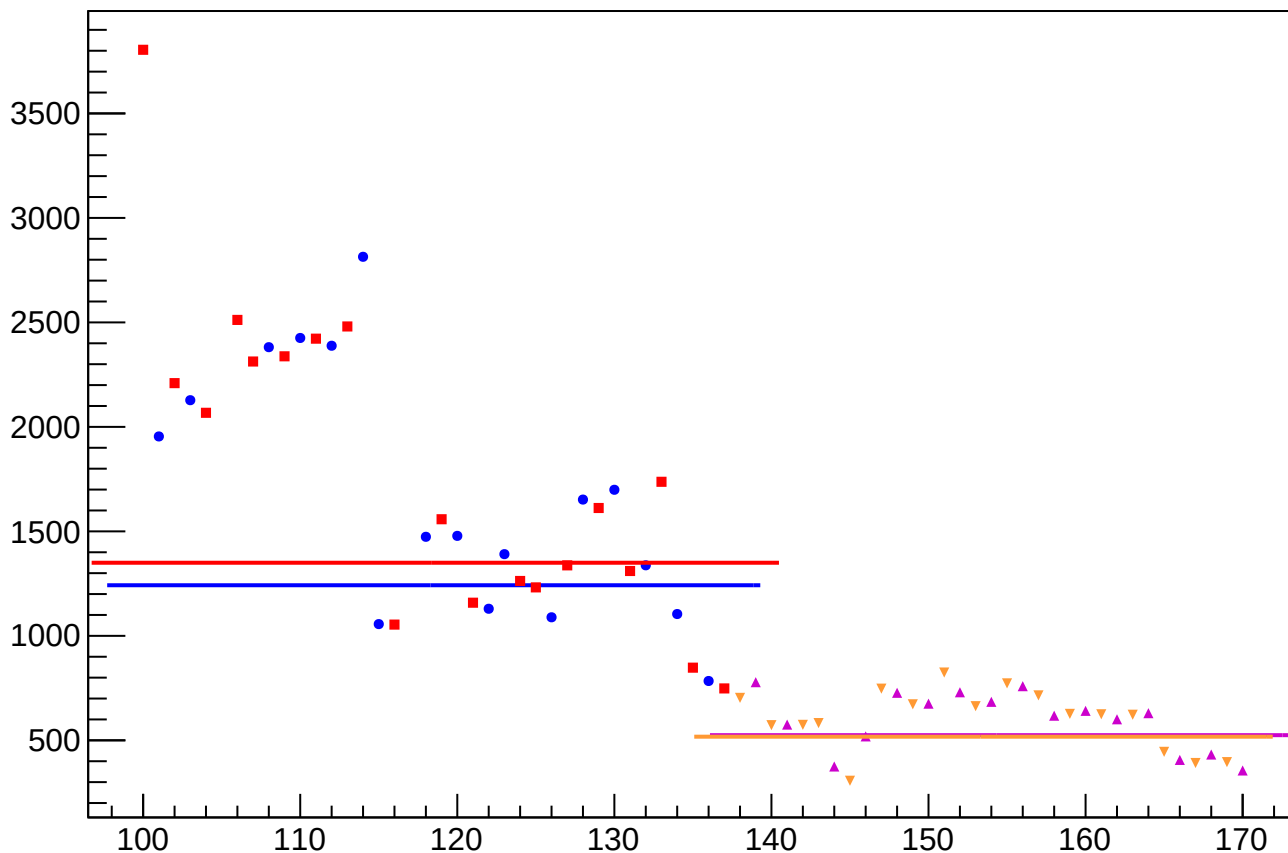
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -254.953+/-147.317 χ^2/NDF : 39.2/32

Out: -580.743+/-145.798 χ^2/NDF : 46.1/35

All: -419.536+/-103.627 χ^2/NDF : 87.7/68

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2/NDF : 1767422.8/16

Left Out: 517.462 $\pm$ 0.107 χ^2/NDF : 2159251.4/16

Right Out: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

Left In: 524.708 $\pm$ 0.109 χ^2/NDF : 1689902.7/15

Left: 521.029 $\pm$ 0.076 χ^2/NDF : 3851410.8/32

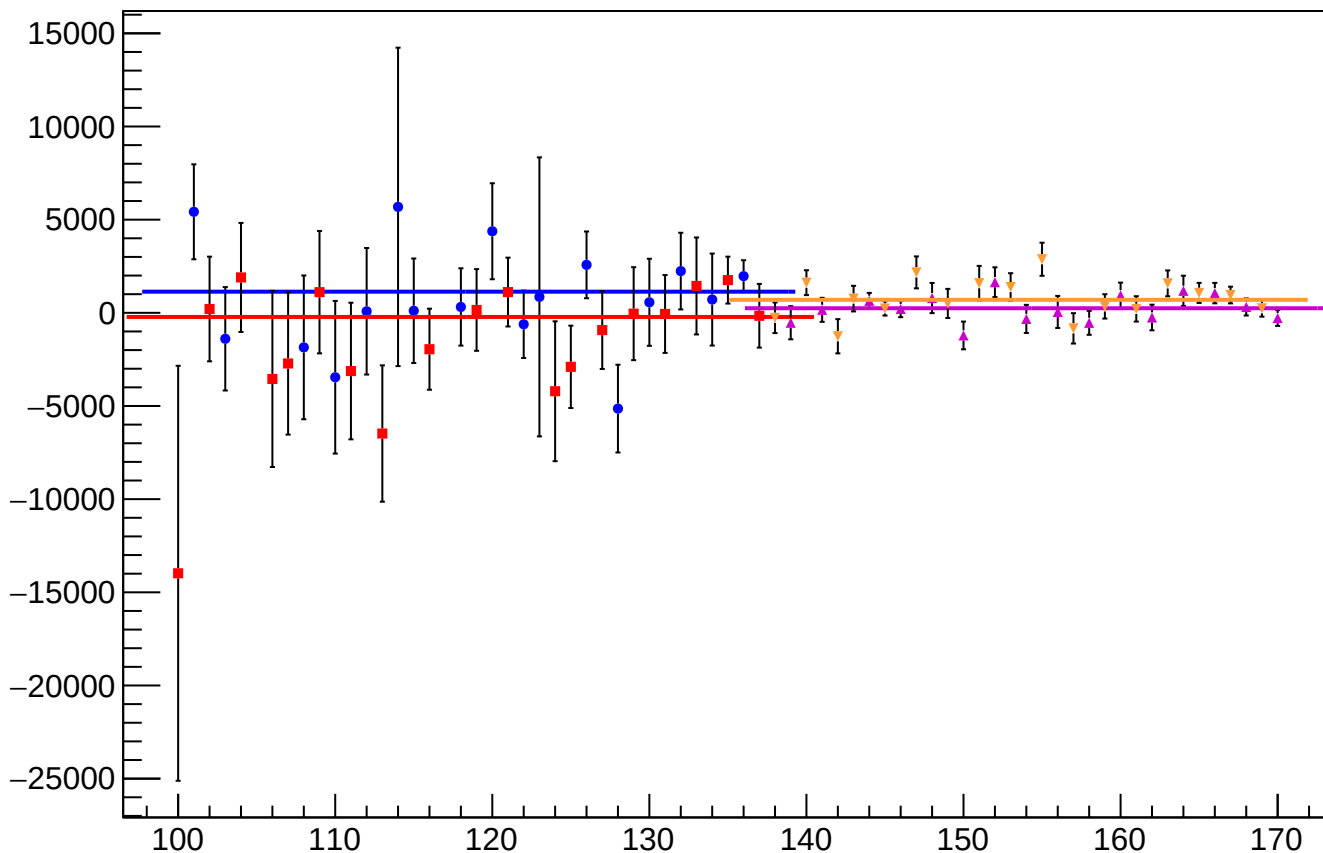
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 583.083 $\pm$ 0.104 χ^2/NDF : 7002974.2/32

Out: 577.379 $\pm$ 0.103 χ^2/NDF : 8381934.4/35

All: 580.202 $\pm$ 0.073 χ^2/NDF : 15386423.1/68

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 697.179 $\pm$ 153.291 χ^2 /NDF: 27.9/16

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 245.662 $\pm$ 150.405 χ^2 /NDF: 17.8/15

Left: 467.130 $\pm$ 107.358 χ^2 /NDF: 50.1/32

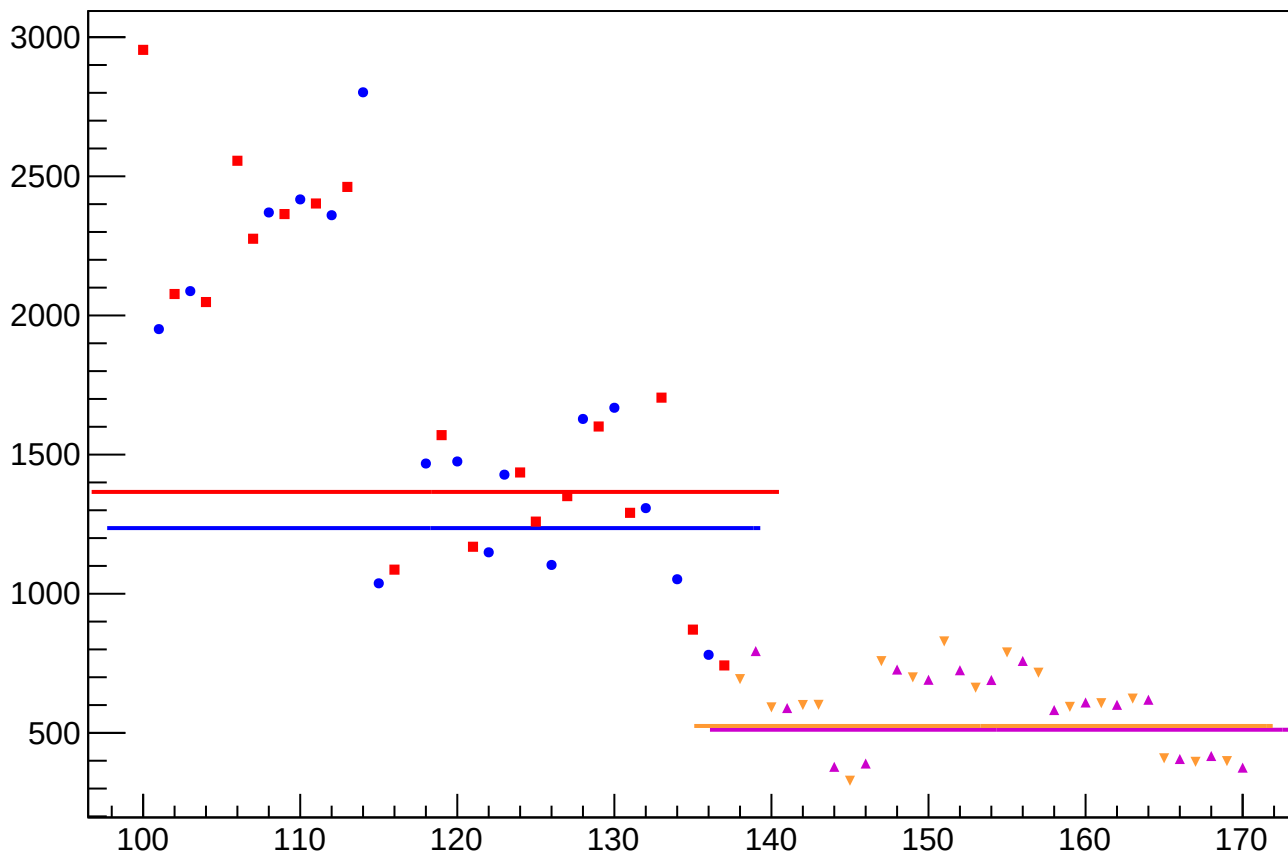
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 315.881 $\pm$ 144.347 χ^2 /NDF: 38.3/32

Out: 630.451 $\pm$ 147.615 χ^2 /NDF: 44.0/35

All: 469.645 $\pm$ 103.205 χ^2 /NDF: 84.6/68

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2/NDF : 1745716.2/16

Left Out: 524.898 $\pm$ 0.108 χ^2/NDF : 1998214.7/16

Right Out: 1365.941 $\pm$ 0.387 χ^2/NDF : 1750044.7/18

Left In: 511.350 $\pm$ 0.106 χ^2/NDF : 1757163.5/15

Left: 517.996 $\pm$ 0.076 χ^2/NDF : 3763337.8/32

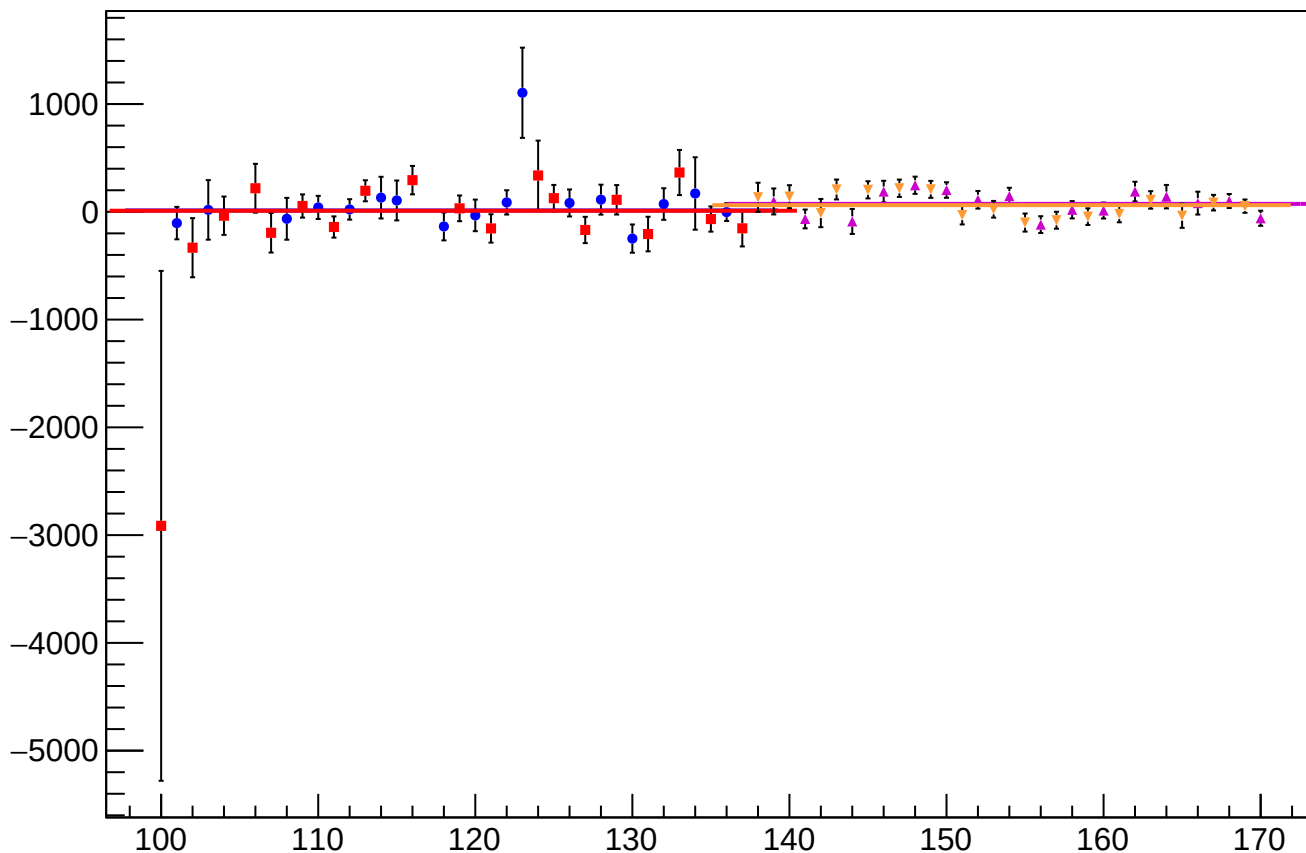
Right: 1296.809 $\pm$ 0.265 χ^2/NDF : 3555718.8/35

In: 568.547 $\pm$ 0.102 χ^2/NDF : 7166952.9/32

Out: 586.030 $\pm$ 0.104 χ^2/NDF : 8124289.0/35

All: 577.093 $\pm$ 0.073 χ^2/NDF : 15305583.6/68

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 61.846 $\pm$ 20.363 χ^2 /NDF:26.5/16

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 73.681 $\pm$ 20.963 χ^2 /NDF:27.8/15

Left: 67.592 $\pm$ 14.606 χ^2 /NDF: 54.5/32

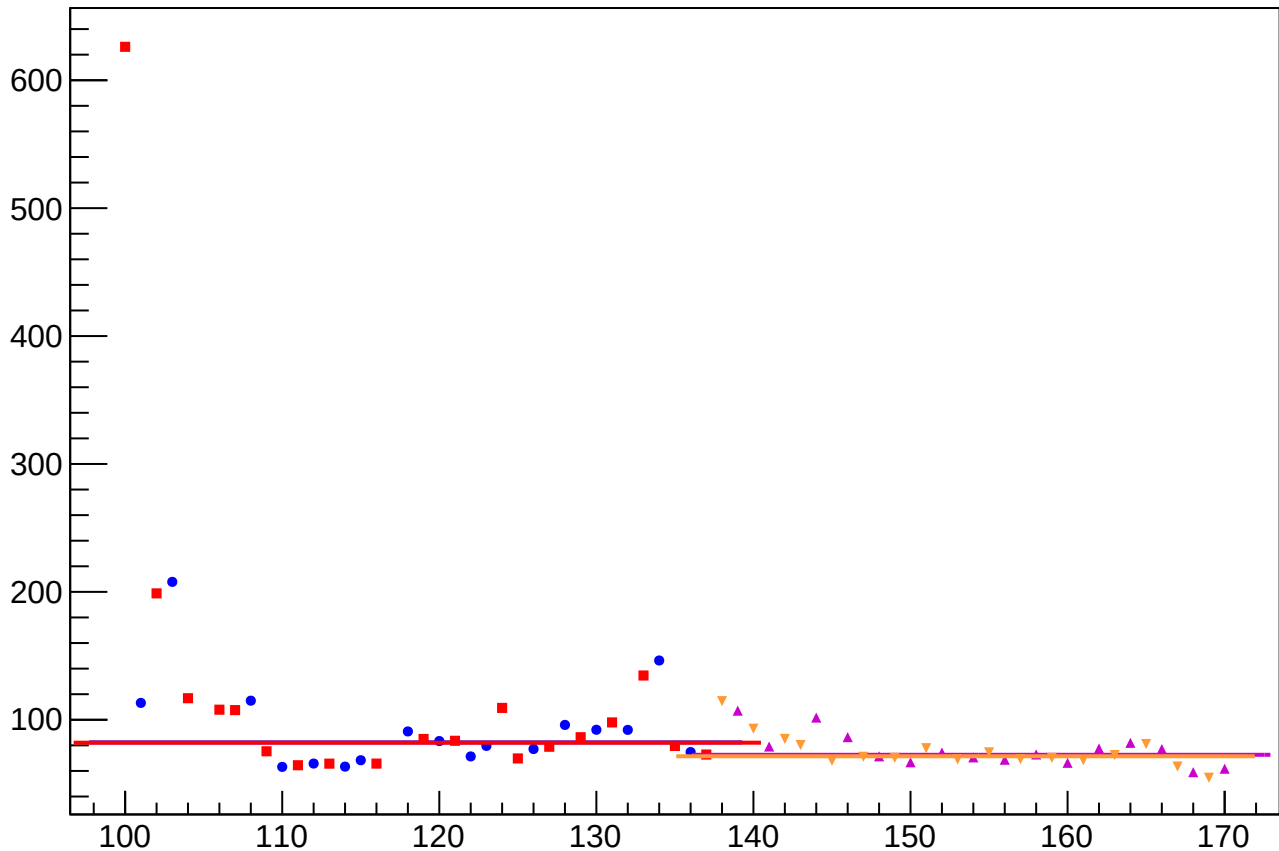
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 56.208 $\pm$ 17.729 χ^2 /NDF:45.6/32

Out: 47.307 $\pm$ 17.271 χ^2 /NDF:56.6/35

All: 51.641 $\pm$ 12.371 χ^2 /NDF: 102.4/68

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 71.477 $\pm$ 0.014 χ^2 /NDF: 536304.2/16

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 72.628 $\pm$ 0.015 χ^2 /NDF: 533151.0/15

Left: 72.036 $\pm$ 0.010 χ^2 /NDF: 1072556.6/32

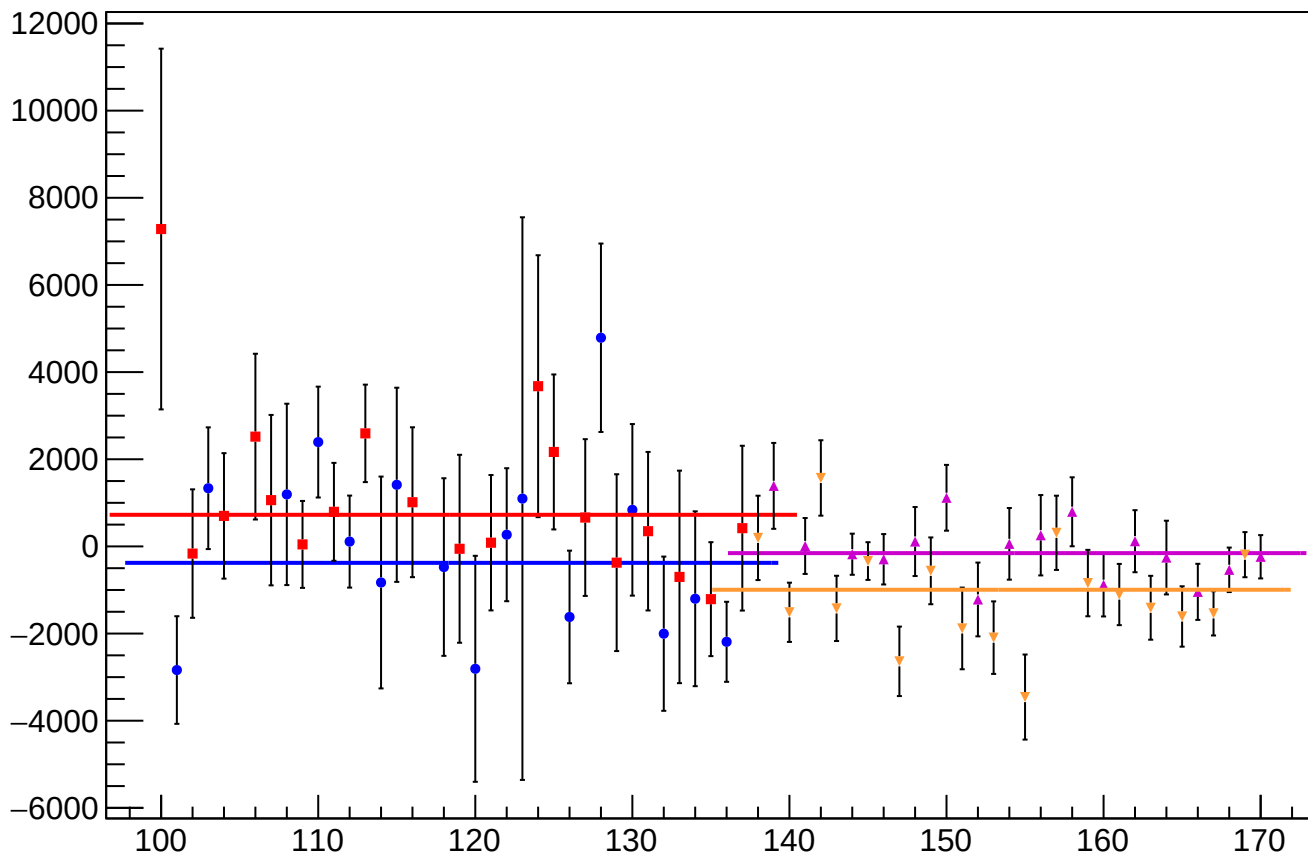
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 75.383 $\pm$ 0.013 χ^2 /NDF: 1523258.1/32

Out: 74.455 $\pm$ 0.012 χ^2 /NDF: 1647792.7/35

All: 74.907 $\pm$ 0.009 χ^2 /NDF: 3173860.3/68

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -994.612 ± 168.366 $\chi^2/\text{NDF}: 34.2/16$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: -154.167 ± 167.845 $\chi^2/\text{NDF}: 12.5/15$

Left: -573.088 ± 118.868 $\chi^2/\text{NDF}: 59.1/32$

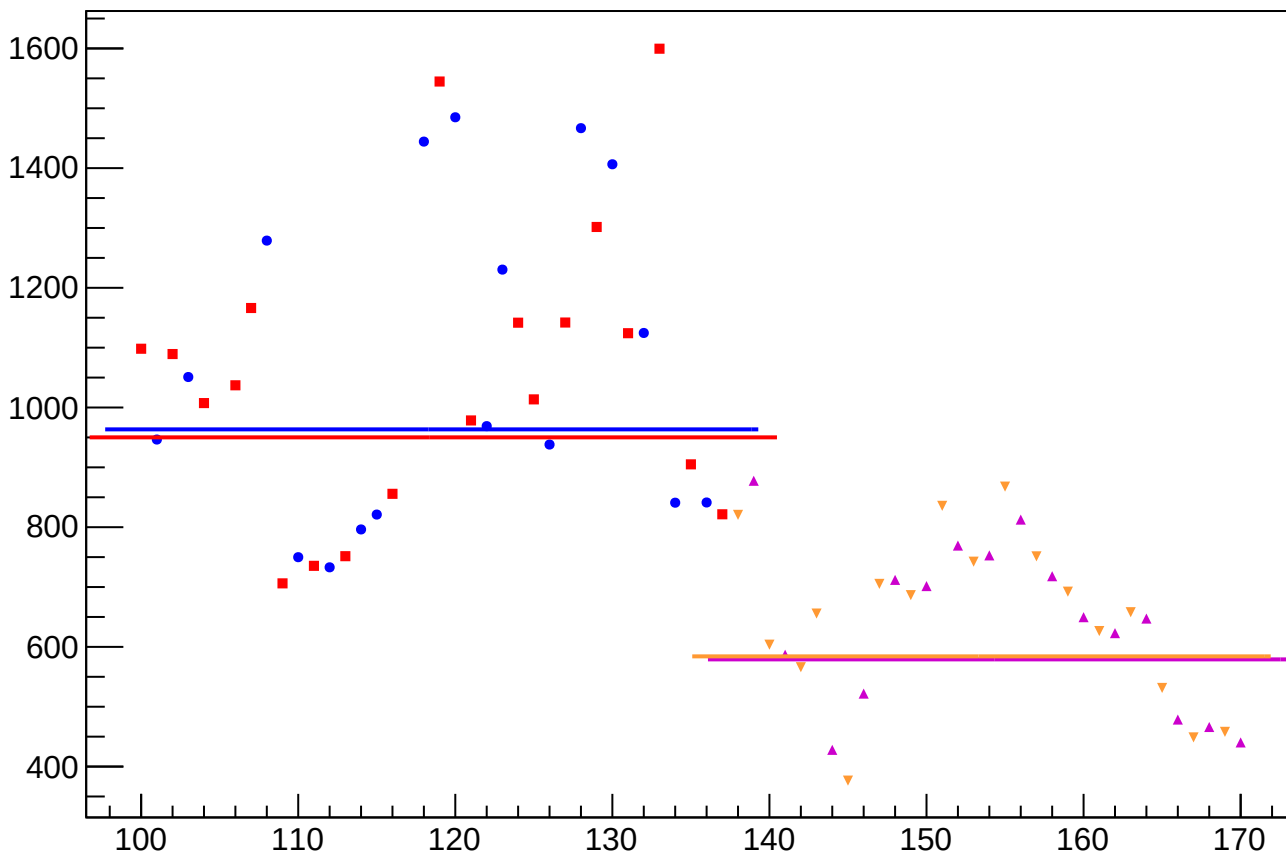
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -189.980 ± 153.789 $\chi^2/\text{NDF}: 37.2/32$

Out: -695.817 ± 153.043 $\chi^2/\text{NDF}: 64.2/35$

All: -444.128 ± 108.480 $\chi^2/\text{NDF}: 106.8/68$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 584.147+/-0.119 χ^2/NDF : 1484833.9/16

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 579.101+/-0.119 χ^2/NDF : 1239746.1/15

Left: 581.616+/-0.084 χ^2/NDF : 2725481.0/32

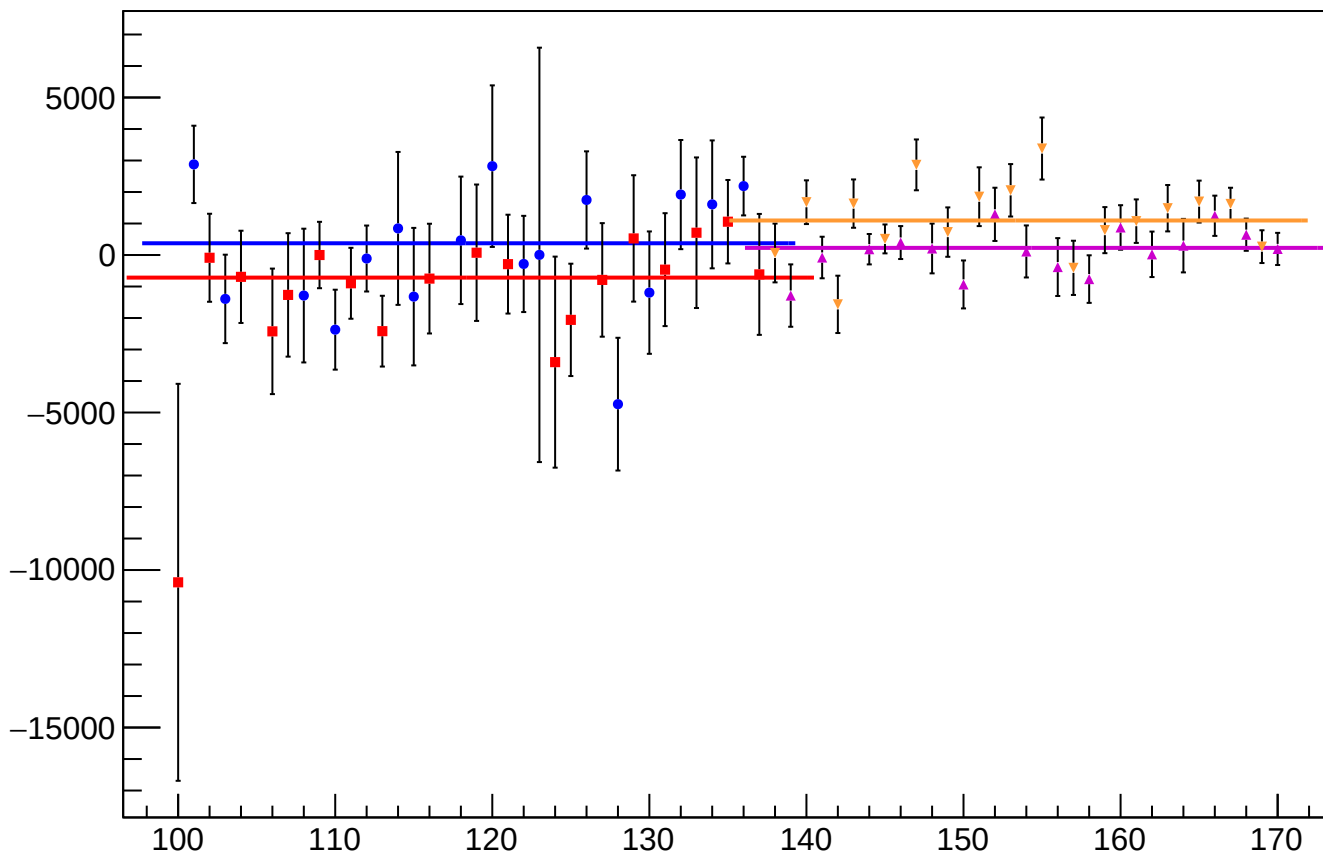
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 640.784+/-0.109 χ^2/NDF : 3611785.3/32

Out: 647.730+/-0.108 χ^2/NDF : 3858578.5/35

All: 644.274+/-0.077 χ^2/NDF : 7472413.7/68

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1095.993 $\pm$ 170.071 χ^2/NDF : 32.9/16

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 226.356 $\pm$ 167.062 χ^2/NDF : 12.9/15

Left: 653.412 $\pm$ 119.180 χ^2/NDF : 59.1/32

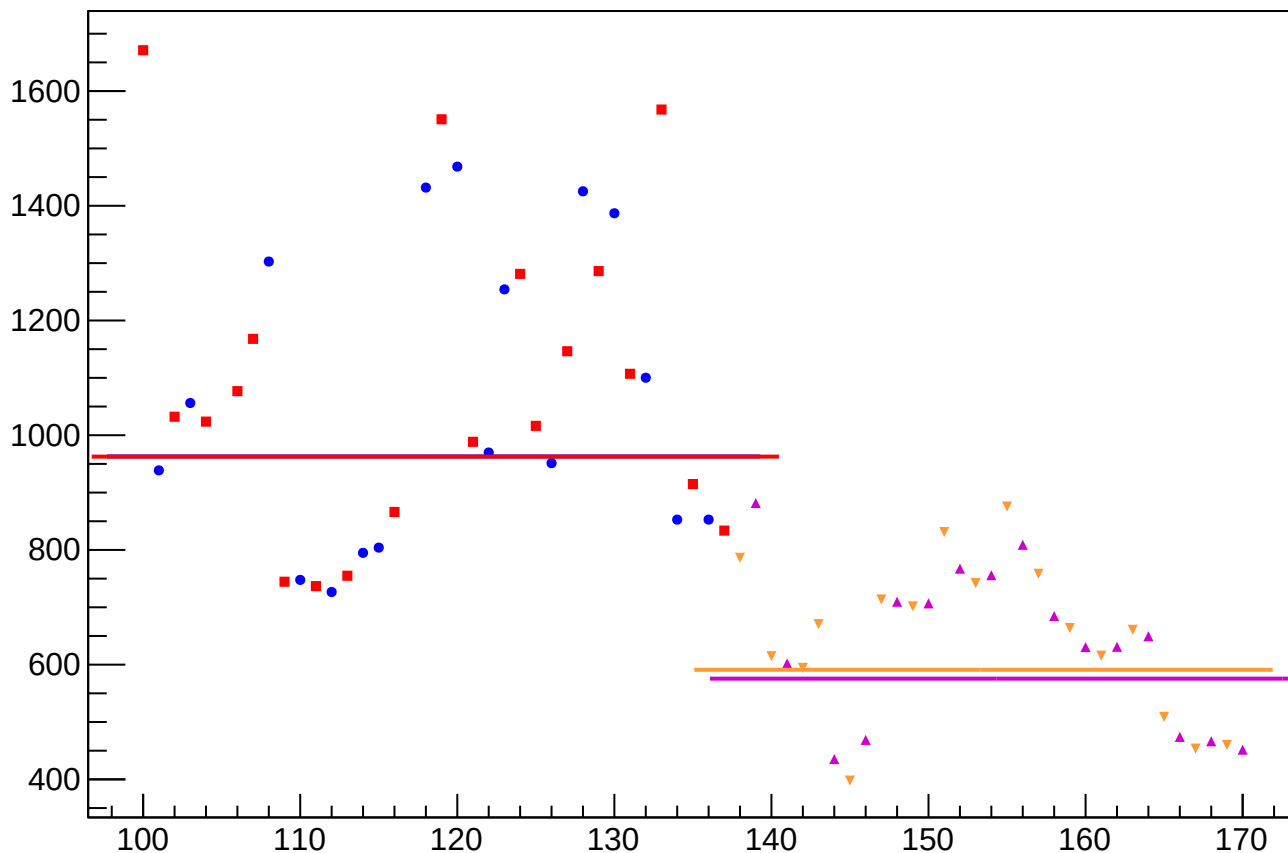
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 249.713 $\pm$ 153.170 χ^2/NDF : 38.3/32

Out: 782.171 $\pm$ 154.657 χ^2/NDF : 62.7/35

All: 513.371 $\pm$ 108.830 χ^2/NDF : 107.0/68

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 591.096+/-0.120 χ^2/NDF :1333939.2/16

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 575.637+/-0.118 χ^2/NDF :1231631.9/15

Left: 583.228+/-0.084 χ^2/NDF : 2573981.5/32

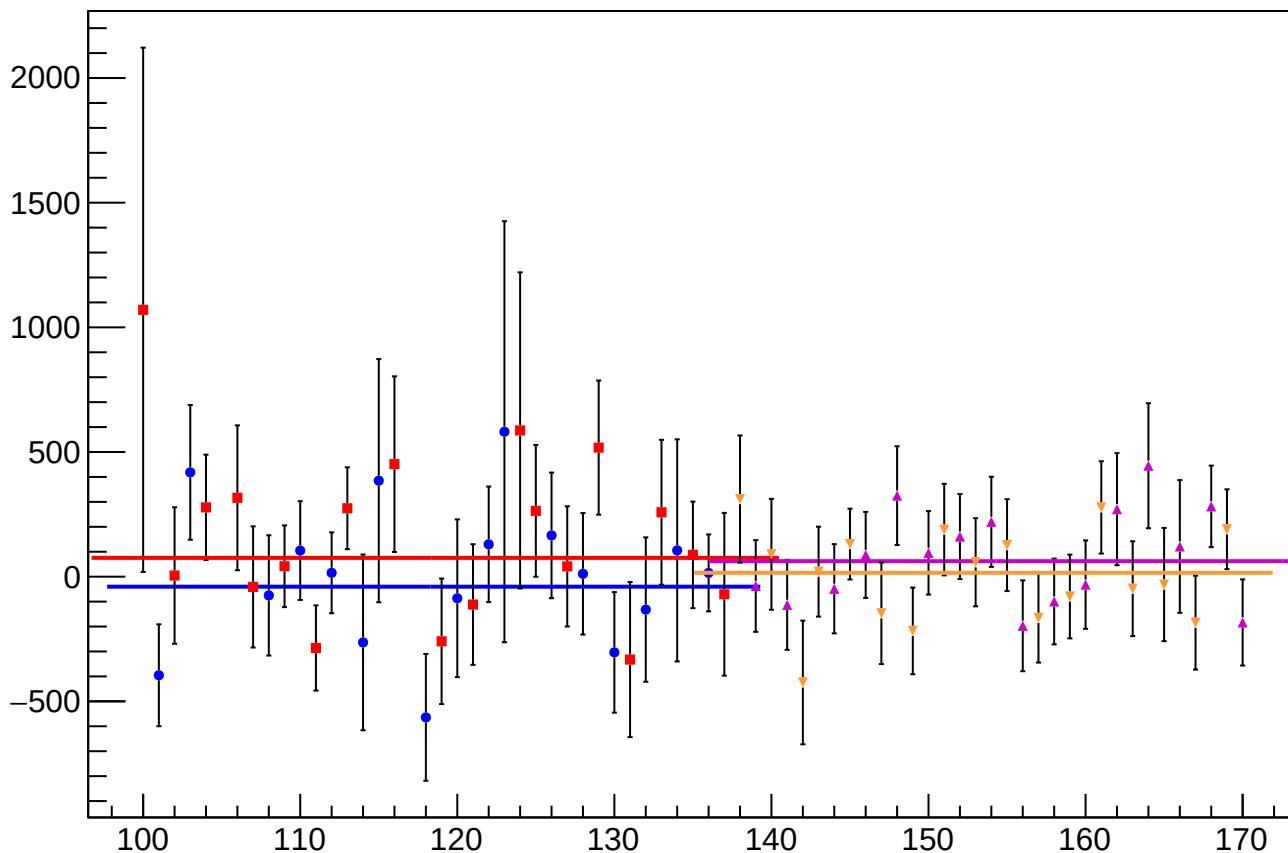
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 637.373+/-0.108 χ^2/NDF :3612718.4/32

Out: 655.404+/-0.109 χ^2/NDF :3682676.1/35

All: 646.301+/-0.077 χ^2/NDF : 7309118.5/68

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 15.609 ± 45.156 χ^2/NDF : 14.8/16

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 62.161 ± 46.234 χ^2/NDF : 14.8/15

Left: 38.335 ± 32.304 χ^2/NDF : 30.1/32

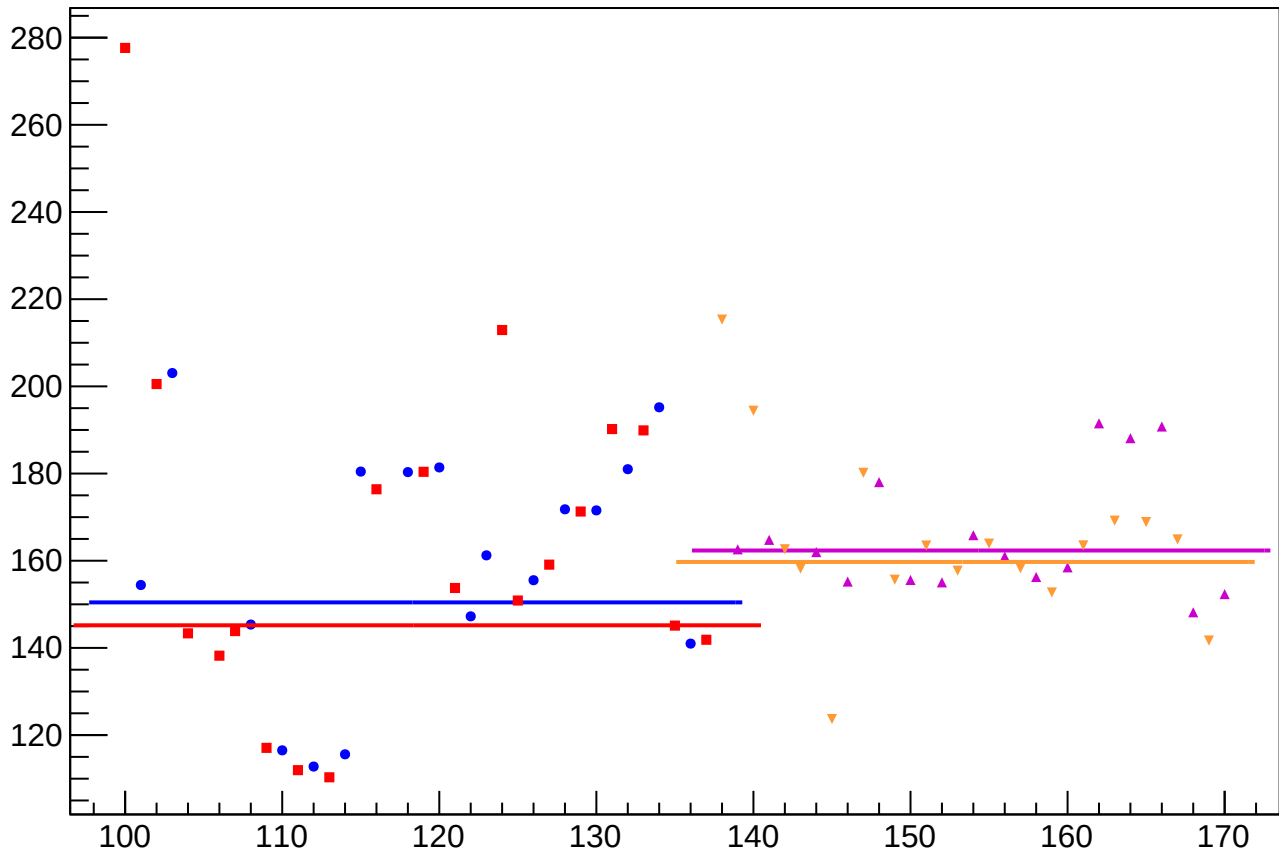
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 23.456 ± 36.451 χ^2/NDF : 32.0/32

Out: 39.072 ± 35.209 χ^2/NDF : 34.0/35

All: 31.535 ± 25.324 χ^2/NDF : 66.1/68

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: 159.721 $\pm$ 0.032 χ^2 /NDF:335672.7/16

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 162.349 $\pm$ 0.033 χ^2 /NDF:126980.2/15

Left: 161.004 $\pm$ 0.023 χ^2 /NDF: 465959.4/32

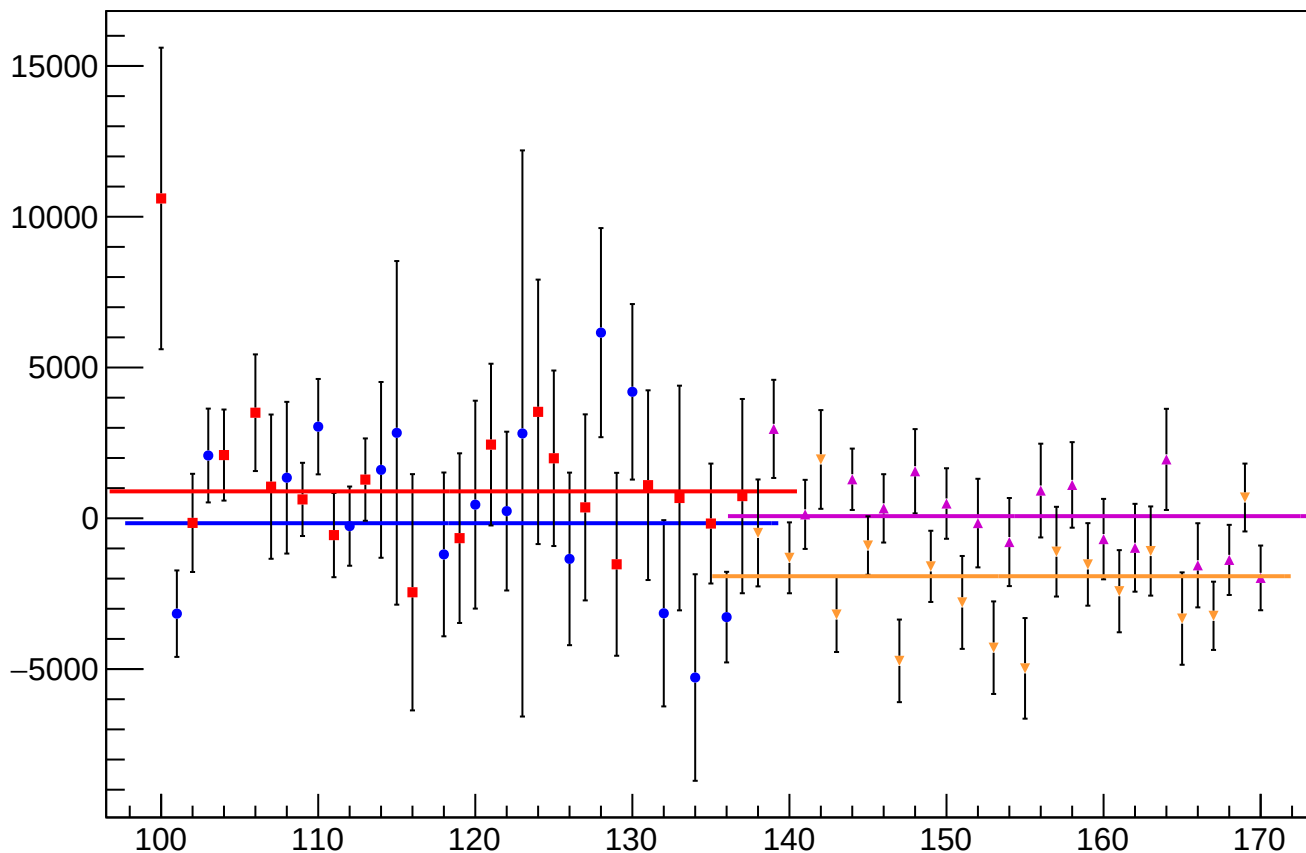
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.843 $\pm$ 0.026 χ^2 /NDF:577300.6/32

Out: 154.023 $\pm$ 0.025 χ^2 /NDF:952598.1/35

All: 155.867 $\pm$ 0.018 χ^2 /NDF: 1541260.7/68

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1920.589 ± 323.425 χ^2/NDF : 27.4/16

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 71.347 ± 324.757 χ^2/NDF : 15.8/15

Left: -928.715 ± 229.166 χ^2/NDF : 62.1/32

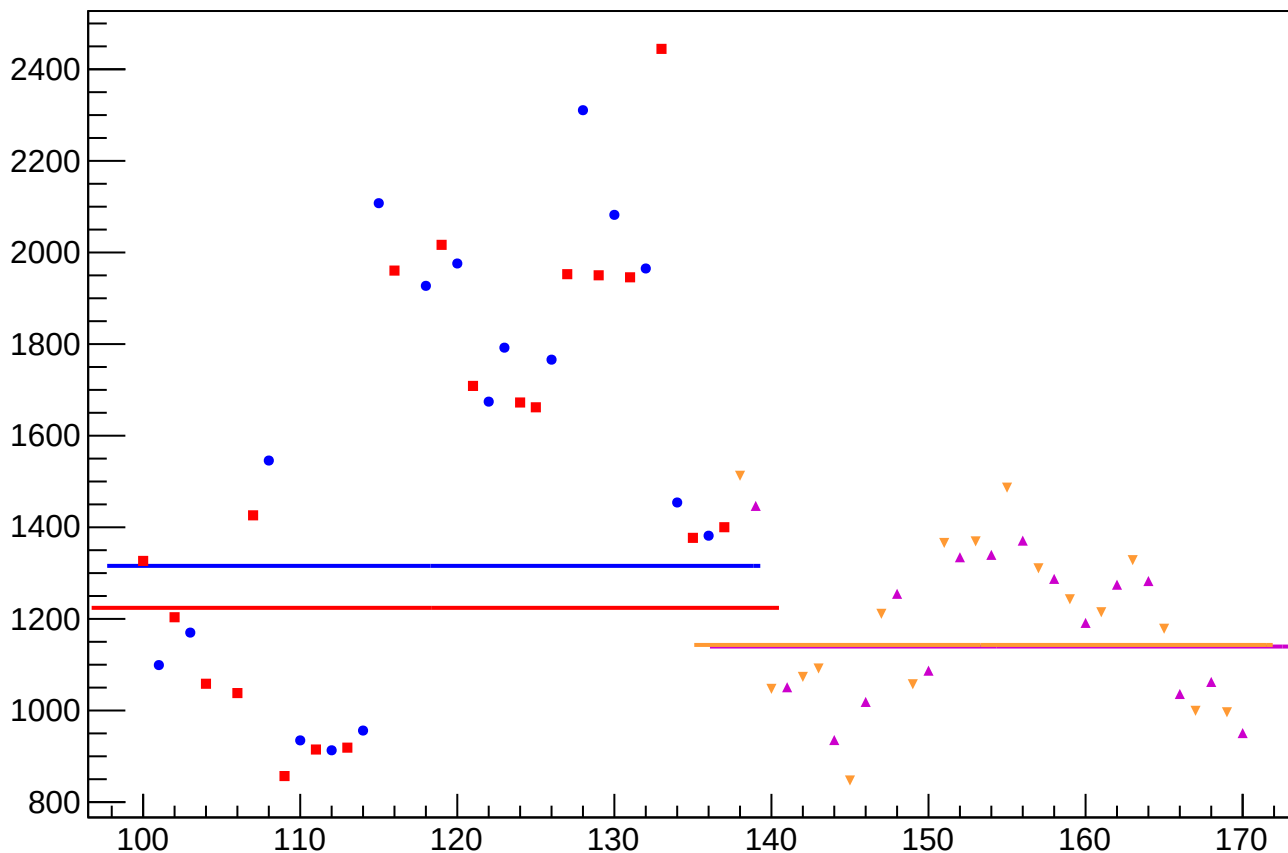
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 7.981 ± 277.356 χ^2/NDF : 41.0/32

Out: -1052.808 ± 268.966 χ^2/NDF : 61.4/35

All: -538.699 ± 193.086 χ^2/NDF : 110.0/68

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1143.171+/-0.229 χ^2/NDF : 619212.7/16

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1139.632+/-0.230 χ^2/NDF : 459490.8/15

Left: 1141.409+/-0.162 χ^2/NDF : 1078822.7/32

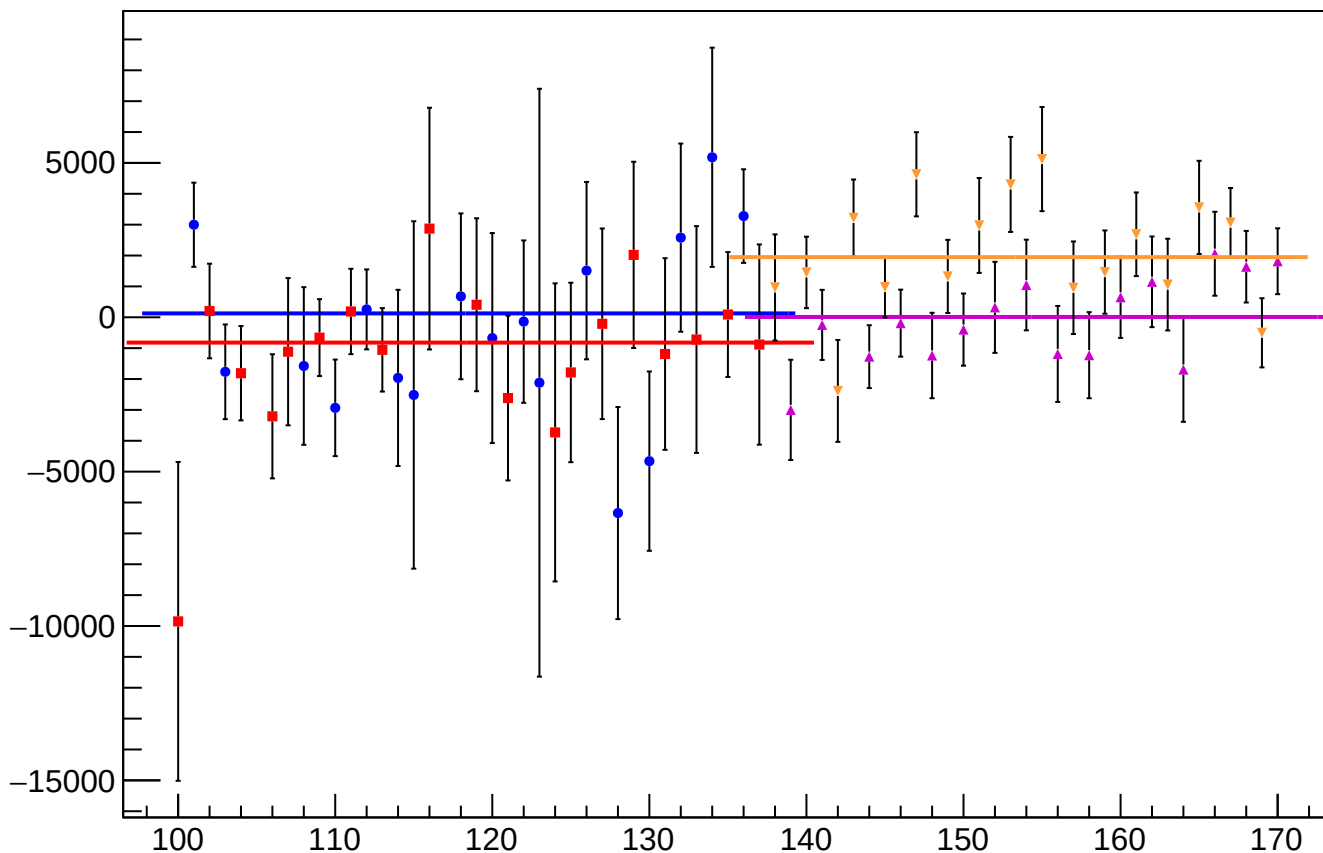
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1187.302+/-0.196 χ^2/NDF : 1737073.2/32

Out: 1168.146+/-0.190 χ^2/NDF : 2021782.5/35

All: 1177.429+/-0.137 χ^2/NDF : 3763772.4/68

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1948.030 $\pm$ 322.723 χ^2/NDF : 28.1/16

Right Out: -820.213 $\pm$ 484.659 χ^2/NDF : 9.1/18

Left In: 9.505 $\pm$ 322.283 χ^2/NDF : 16.9/15

Left: 977.444 $\pm$ 228.044 χ^2/NDF : 63.0/32

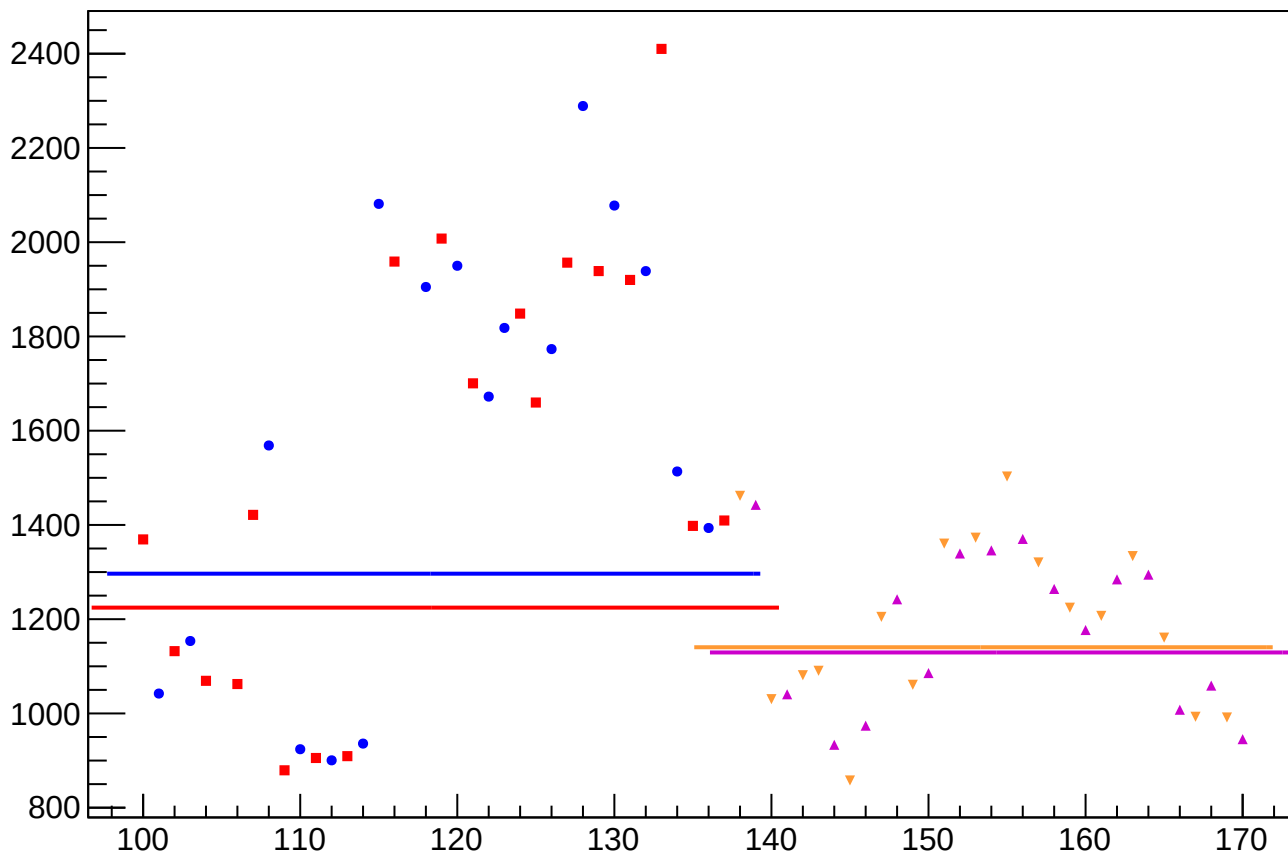
Right: -386.748 $\pm$ 356.675 χ^2/NDF : 35.5/35

In: 41.061 $\pm$ 274.917 χ^2/NDF : 41.6/32

Out: 1097.659 $\pm$ 268.620 χ^2/NDF : 59.7/35

All: 581.600 $\pm$ 192.131 χ^2/NDF : 108.9/68

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1140.468 $\pm$ 0.228 χ^2 /NDF: 597111.8/16

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1129.399 $\pm$ 0.228 χ^2 /NDF: 495450.5/15

Left: 1134.926 $\pm$ 0.161 χ^2 /NDF: 1093740.5/32

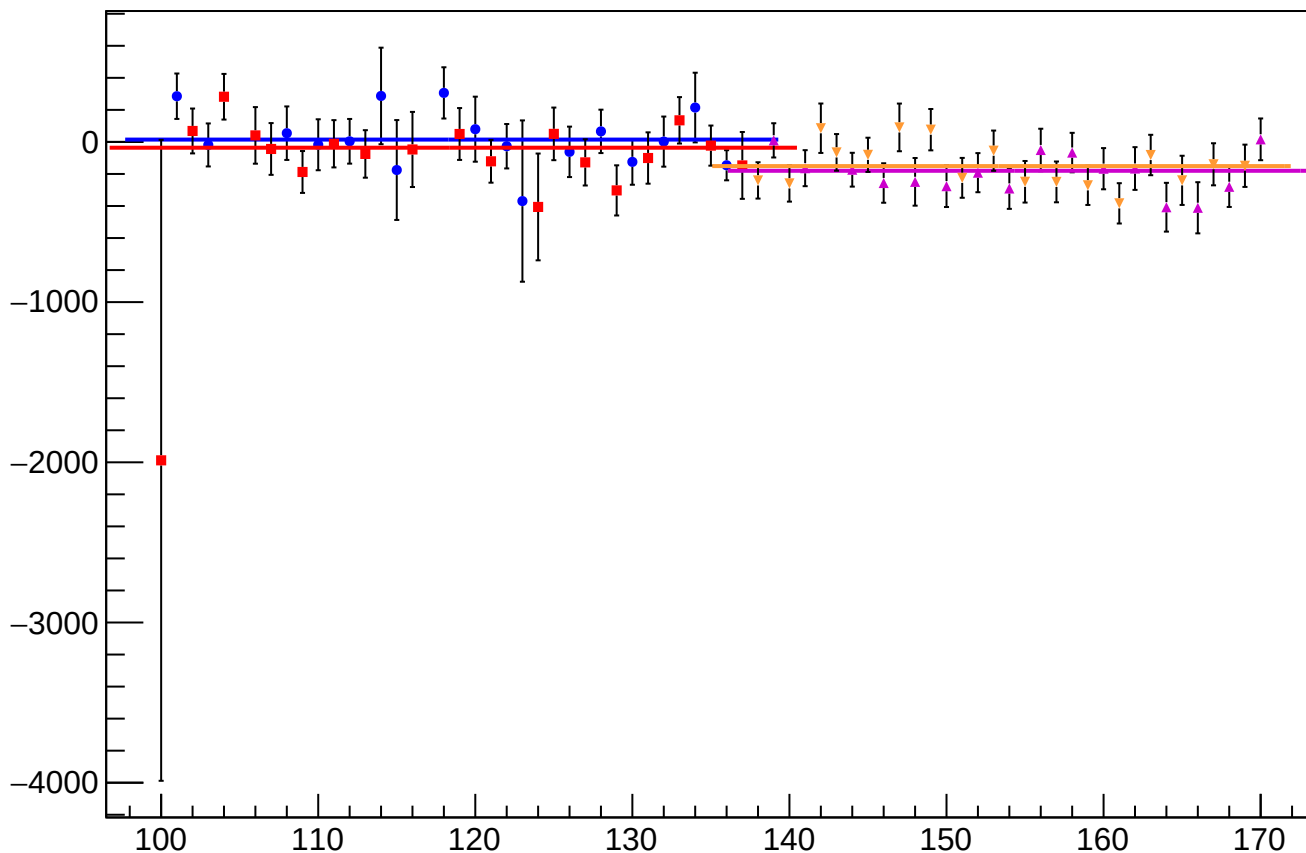
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1174.927 $\pm$ 0.194 χ^2 /NDF: 1817472.8/32

Out: 1166.300 $\pm$ 0.190 χ^2 /NDF: 1987100.9/35

All: 1170.514 $\pm$ 0.136 χ^2 /NDF: 3805581.2/68

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

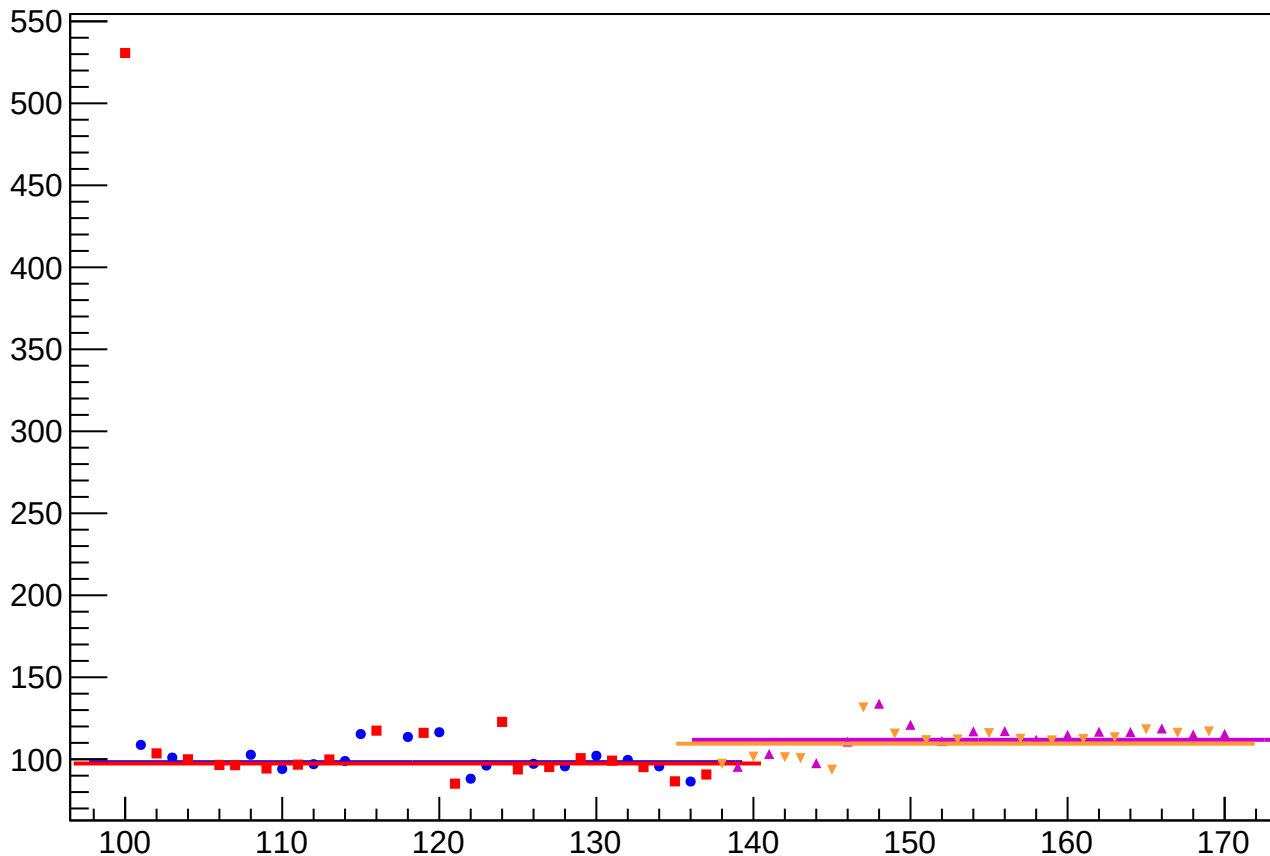


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -150.882 ± 30.640 $\chi^2/\text{NDF}: 17.7/16$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -180.209 ± 31.638 $\chi^2/\text{NDF}: 14.1/15$

Left: -165.076 ± 22.010 $\chi^2/\text{NDF}: 32.3/32$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -100.505 ± 24.318 $\chi^2/\text{NDF}: 43.8/32$
 Out: -103.782 ± 23.526 $\chi^2/\text{NDF}: 38.9/35$

All: -102.198 ± 16.909 $\chi^2/\text{NDF}: 82.8/68$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2 /NDF: 100510.4/16

Left Out: 109.490+/-0.022 χ^2 /NDF:172240.6/16

Right Out: 97.436+/-0.026 χ^2 /NDF: 190066.6/18

Left In: 111.862+/-0.022 χ^2 /NDF:168518.3/15

Left: 110.638+/-0.016 χ^2 /NDF: 346562.7/32

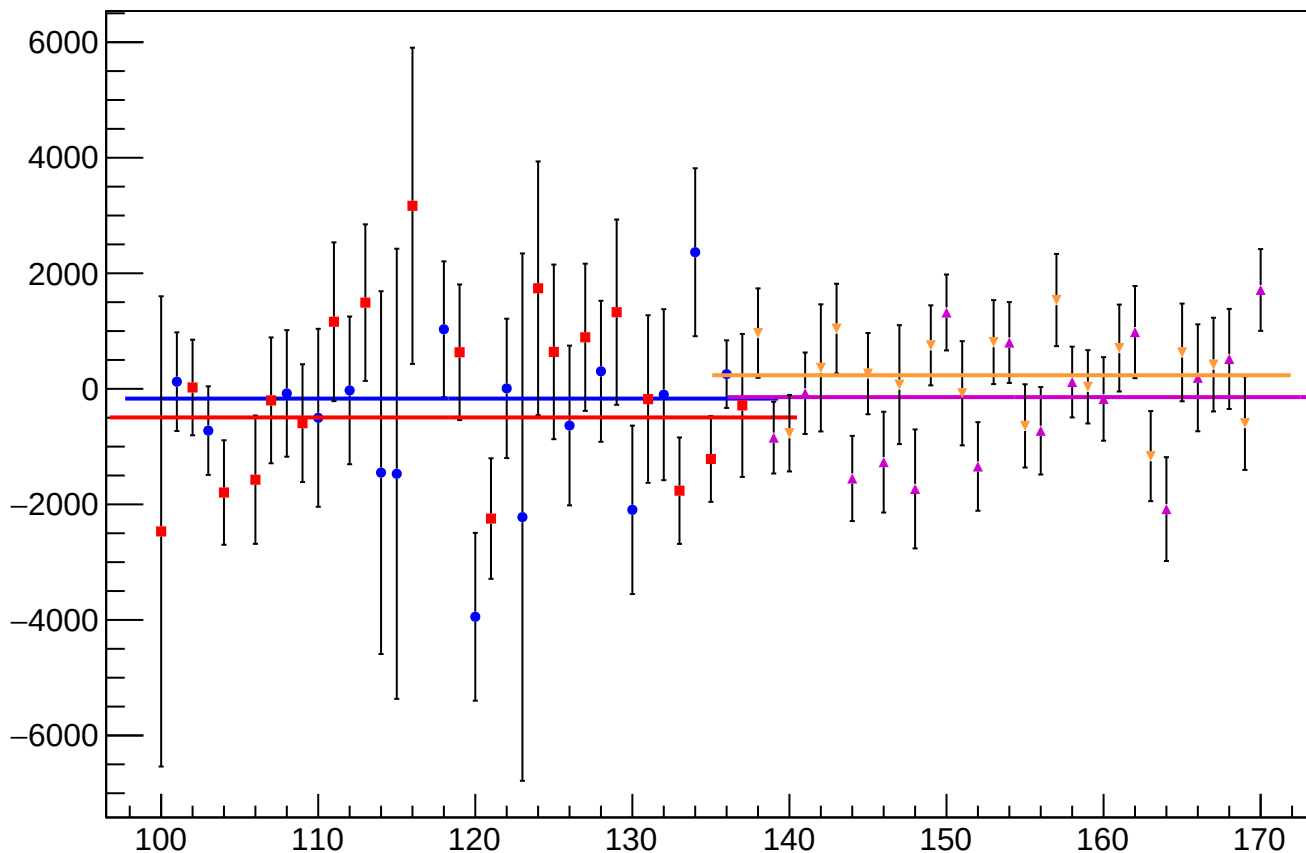
Right: 97.814+/-0.019 χ^2 /NDF: 291015.4/35

In: 106.280+/-0.017 χ^2 /NDF:421210.9/32

Out: 104.542+/-0.017 χ^2 /NDF:489337.7/35

All: 105.382+/-0.012 χ^2 /NDF: 915820.9/68

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 235.831 ± 187.496 χ^2/NDF : 14.8/16

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -143.444 ± 187.685 χ^2/NDF : 33.2/15

Left: 46.384 ± 132.646 χ^2/NDF : 50.1/32

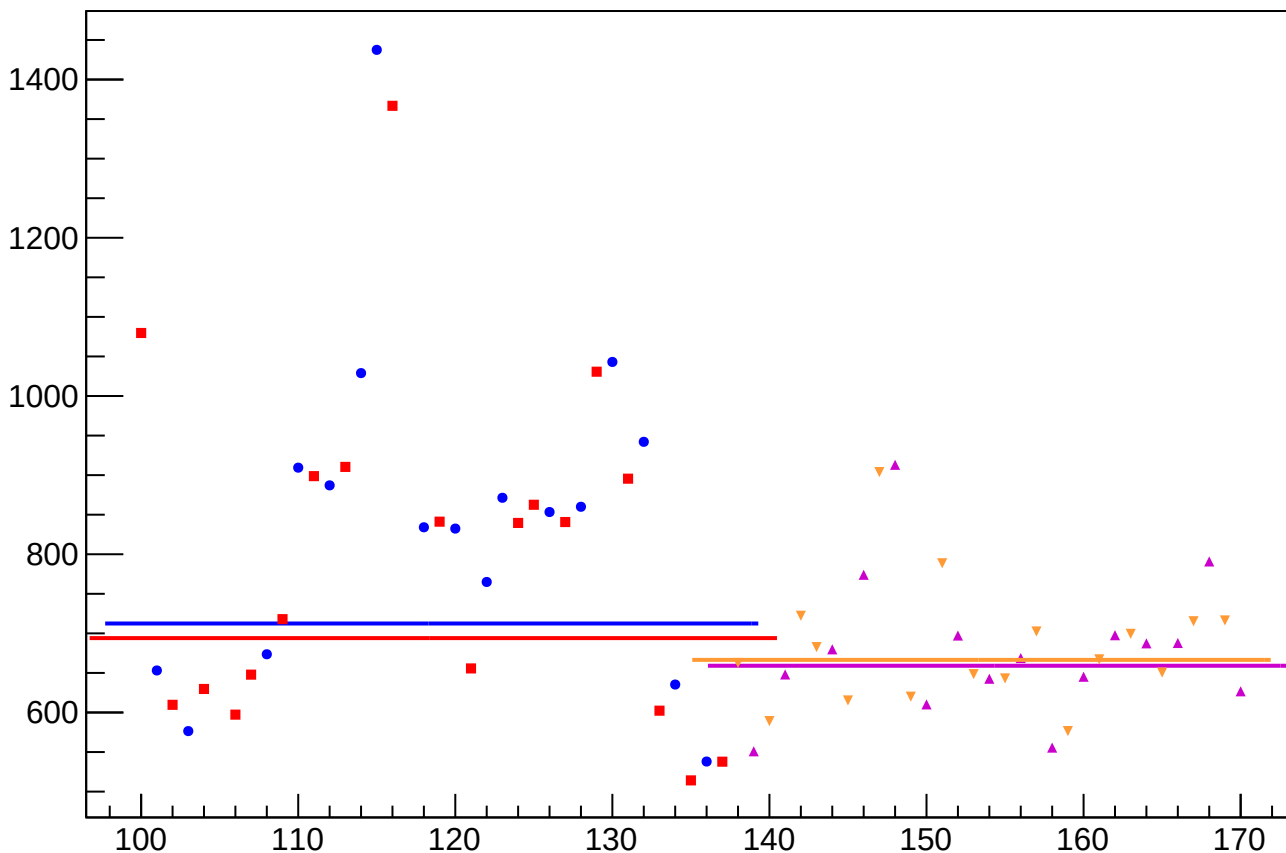
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -151.222 ± 156.274 χ^2/NDF : 47.8/32

Out: -4.974 ± 153.523 χ^2/NDF : 39.6/35

All: -76.799 ± 109.517 χ^2/NDF : 87.9/68

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 666.497 $\pm$ 0.133 χ^2 /NDF: 262666.9/16

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 659.079 $\pm$ 0.133 χ^2 /NDF: 353483.7/15

Left: 662.791 $\pm$ 0.094 χ^2 /NDF: 617714.4/32

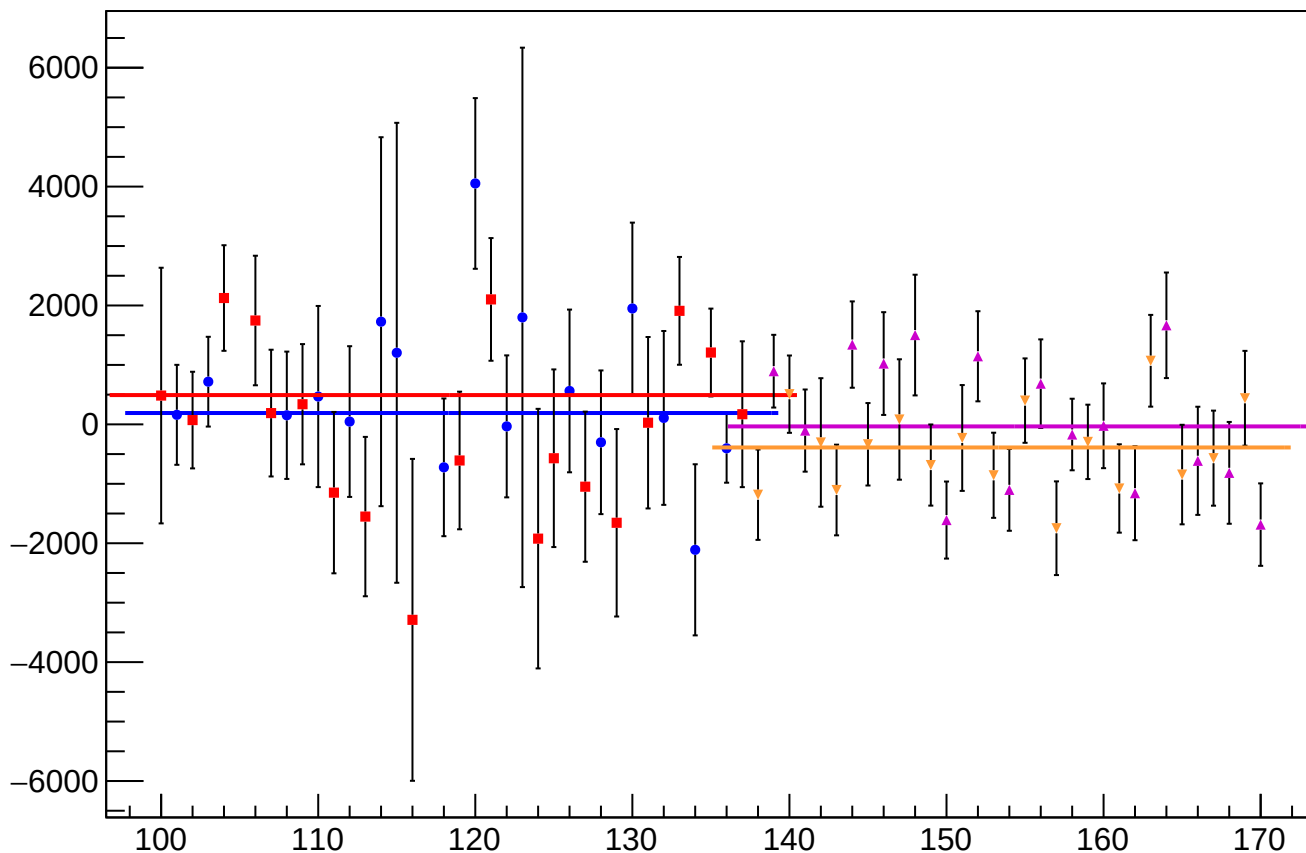
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 675.456 $\pm$ 0.111 χ^2 /NDF: 1063656.2/32

Out: 675.565 $\pm$ 0.109 χ^2 /NDF: 951853.1/35

All: 675.512 $\pm$ 0.077 χ^2 /NDF: 2015509.9/68

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -388.718 ± 184.799 $\chi^2/\text{NDF}: 14.8/16$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: -34.506 ± 184.916 $\chi^2/\text{NDF}: 34.0/15$

Left: -211.724 ± 130.714 $\chi^2/\text{NDF}: 50.7/32$

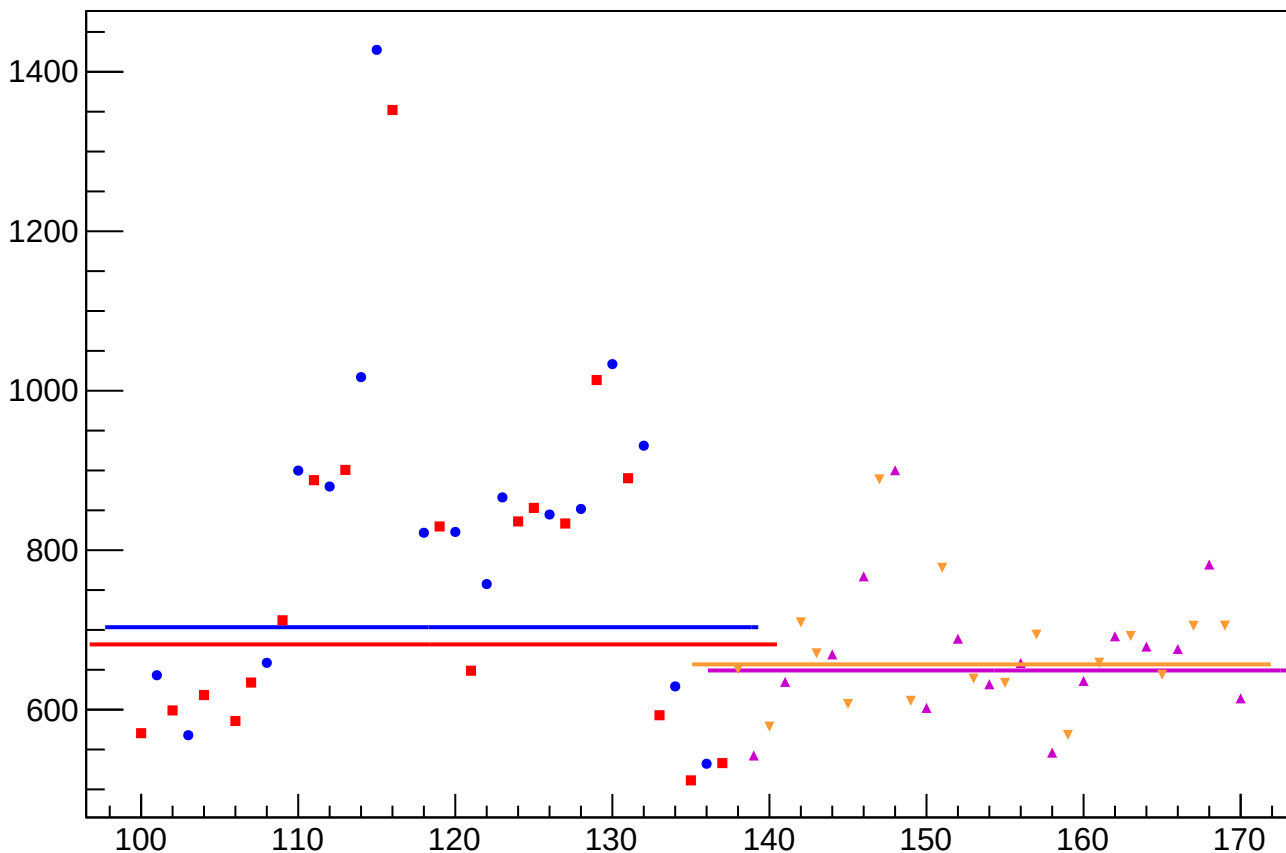
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: 34.397 ± 154.079 $\chi^2/\text{NDF}: 48.7/32$

Out: -96.871 ± 151.137 $\chi^2/\text{NDF}: 45.1/35$

All: -32.502 ± 107.895 $\chi^2/\text{NDF}: 94.2/68$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.817 $\pm$ 0.131 χ^2 /NDF:262986.1/16

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 649.162 $\pm$ 0.131 χ^2 /NDF:362927.5/15

Left: 652.992 $\pm$ 0.092 χ^2 /NDF: 627628.3/32

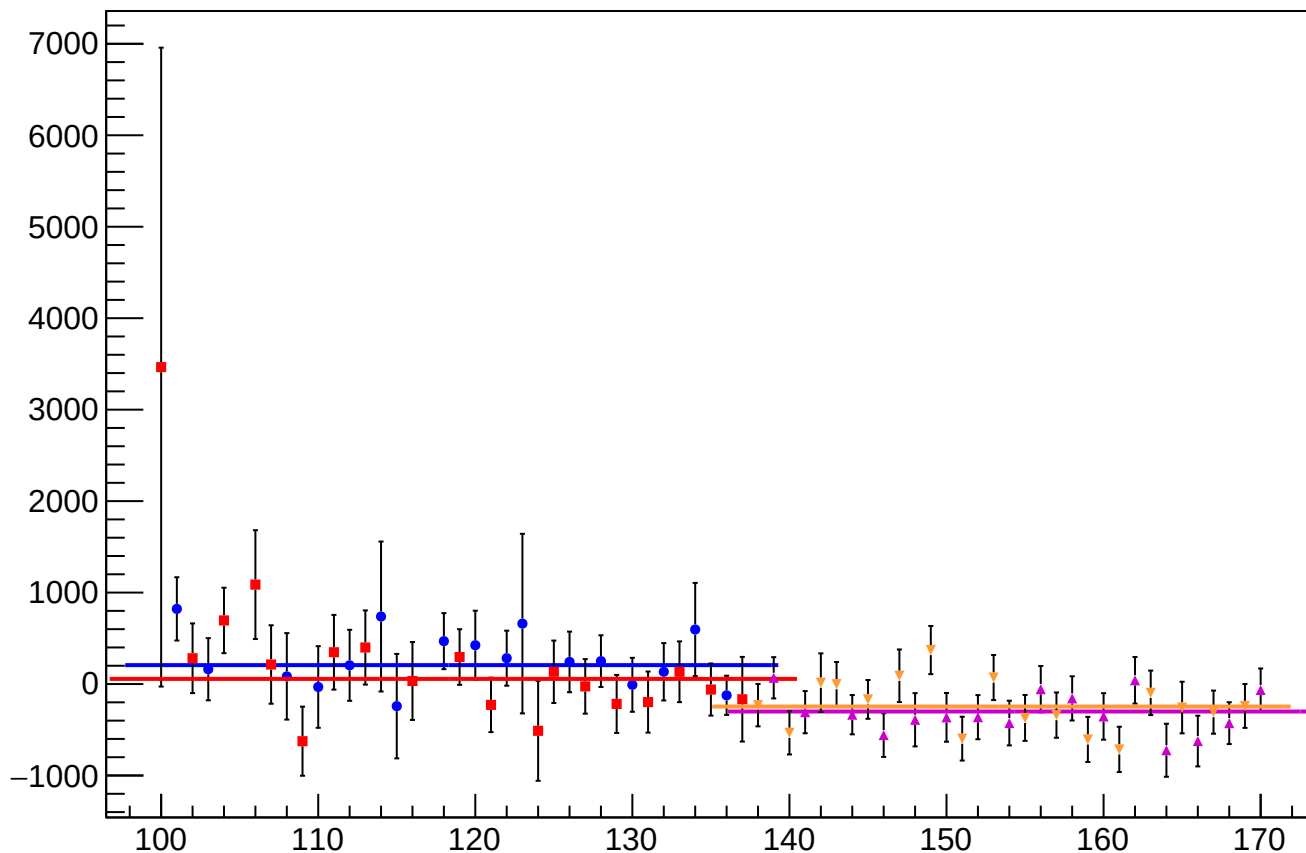
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 665.745 $\pm$ 0.109 χ^2 /NDF:1082426.6/32

Out: 665.092 $\pm$ 0.107 χ^2 /NDF:939894.5/35

All: 665.412 $\pm$ 0.076 χ^2 /NDF: 2022339.5/68

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

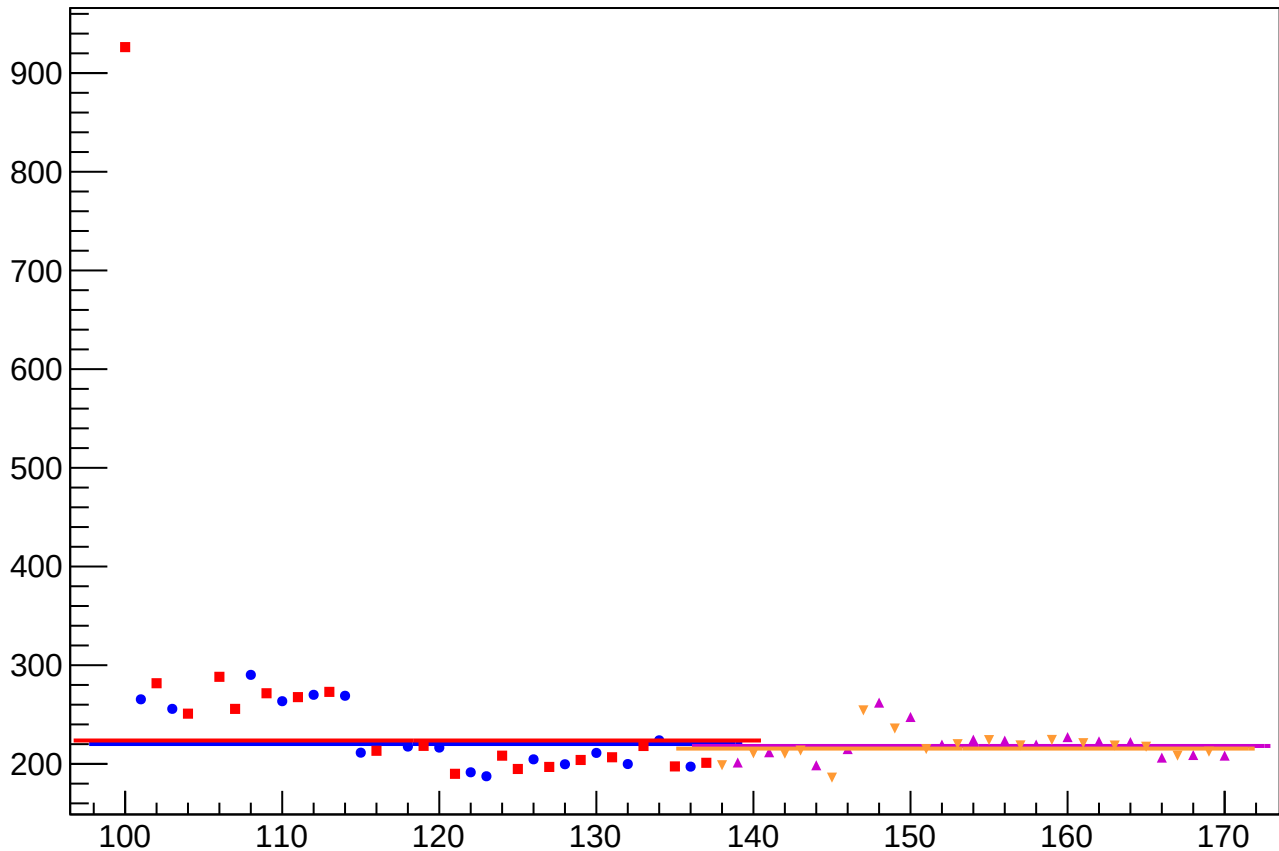


Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -246.088 $\pm$ 60.227 χ^2 /NDF:20.5/16
 Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18
 Left In: -300.319 $\pm$ 61.628 χ^2 /NDF:12.3/15

Left: -272.580 $\pm$ 43.074 χ^2 /NDF: 33.2/32
 Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35
 In: -127.257 $\pm$ 50.020 χ^2 /NDF:44.9/32
 Out: -145.309 $\pm$ 49.174 χ^2 /NDF:45.5/35

All: -136.437 $\pm$ 35.067 χ^2 /NDF: 90.5/68

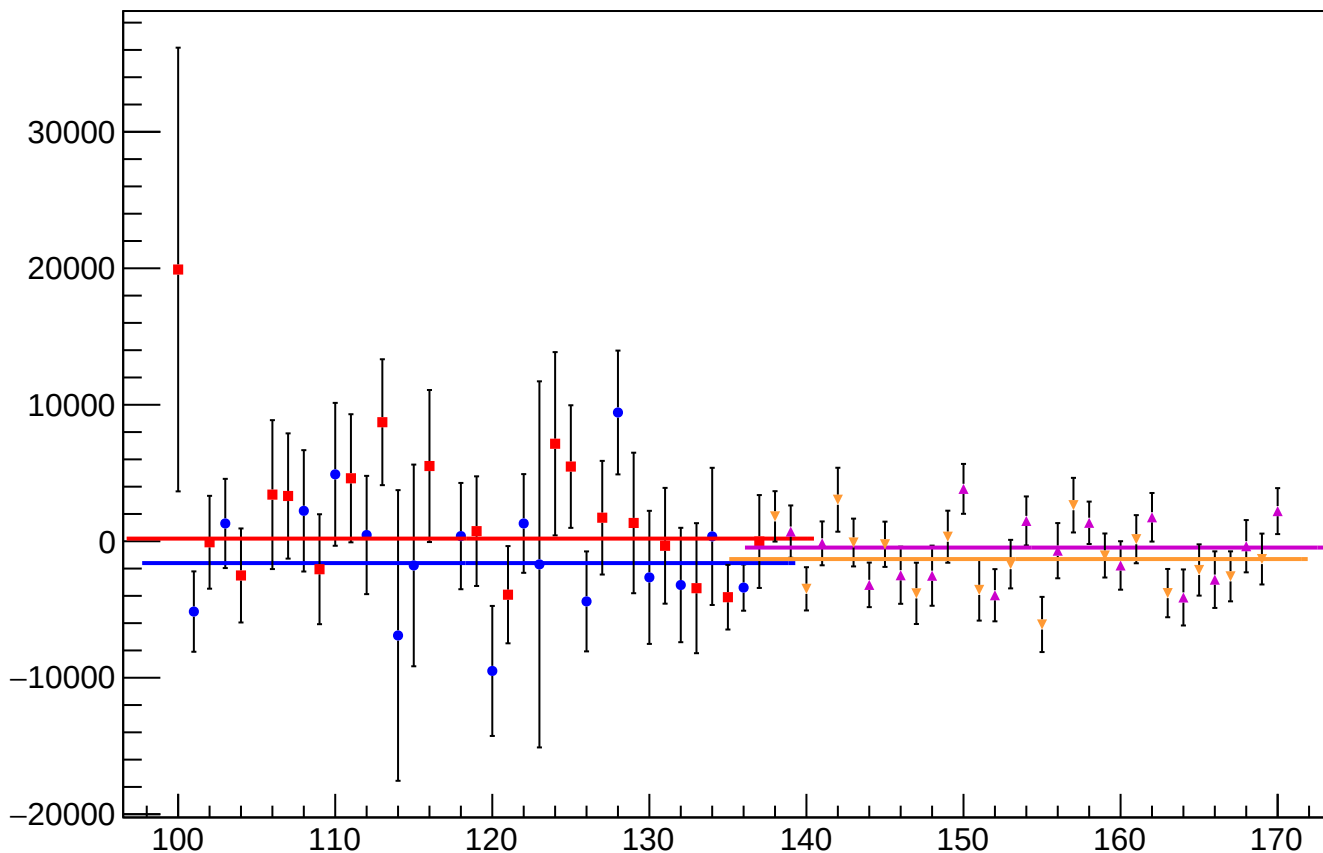
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 χ^2/NDF : 228444.0/16
 Left Out: 215.511 ± 0.043 χ^2/NDF : 108297.6/16
 Right Out: 223.705 ± 0.060 χ^2/NDF : 353242.3/18
 Left In: 218.164 ± 0.044 χ^2/NDF : 115609.8/15

Left: 216.807 ± 0.030 χ^2/NDF : 225803.2/32
 Right: 221.929 ± 0.043 χ^2/NDF : 583436.5/35
 In: 218.836 ± 0.035 χ^2/NDF : 344750.3/32
 Out: 218.243 ± 0.035 χ^2/NDF : 473883.4/35
 All: 218.534 ± 0.025 χ^2/NDF : 818776.7/68

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1304.151 $\pm$ 449.929 χ^2 /NDF:25.0/16

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -462.300 $\pm$ 459.352 χ^2 /NDF:25.5/15

Left: -891.949 $\pm$ 321.427 χ^2 /NDF: 52.3/32

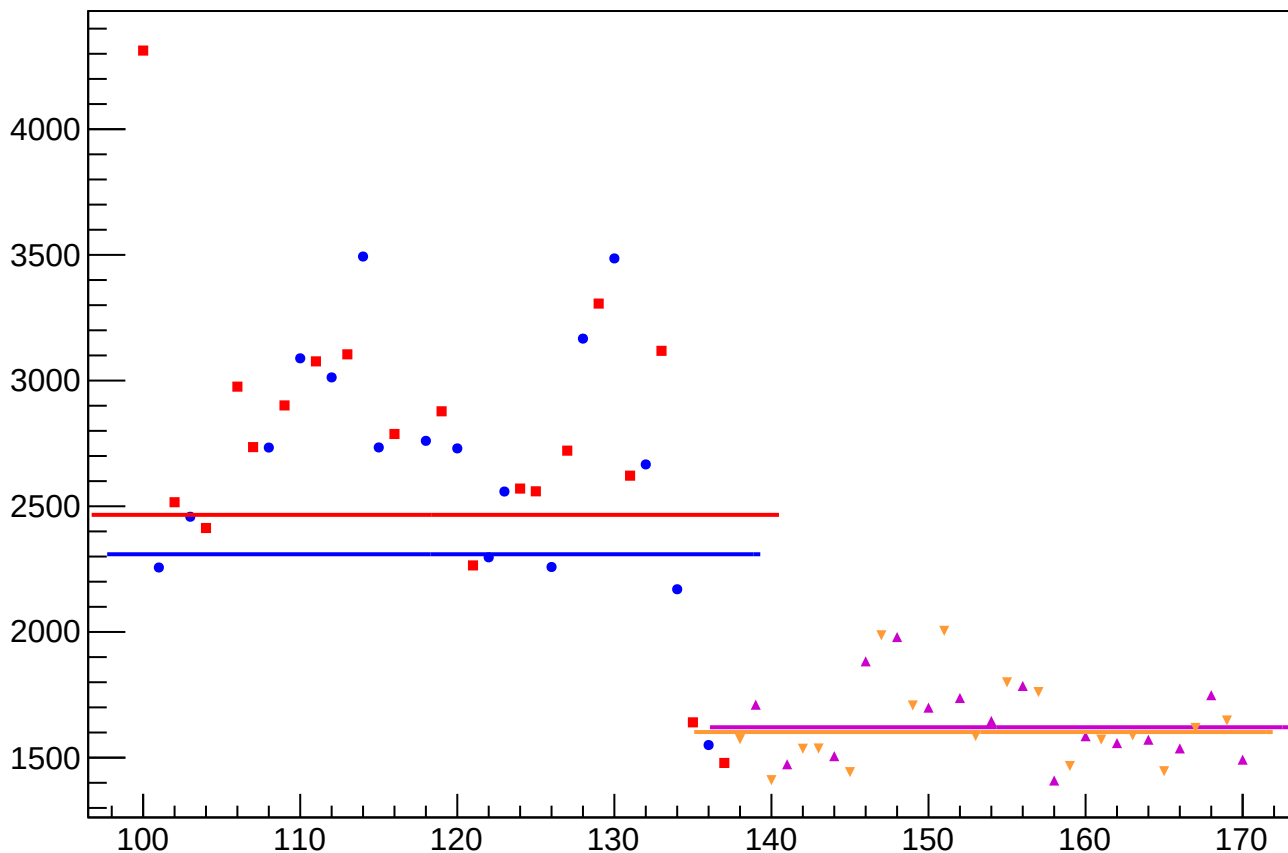
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -688.725 $\pm$ 411.065 χ^2 /NDF:43.4/32

Out: -1028.303 $\pm$ 406.431 χ^2 /NDF:43.4/35

All: -860.439 $\pm$ 289.015 χ^2 /NDF: 87.1/68

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: 1601.910 $\pm$ 0.318 χ^2 /NDF: 243283.9/16

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1620.981 $\pm$ 0.325 χ^2 /NDF: 205833.5/15

Left: 1611.248 $\pm$ 0.227 χ^2 /NDF: 450876.8/32

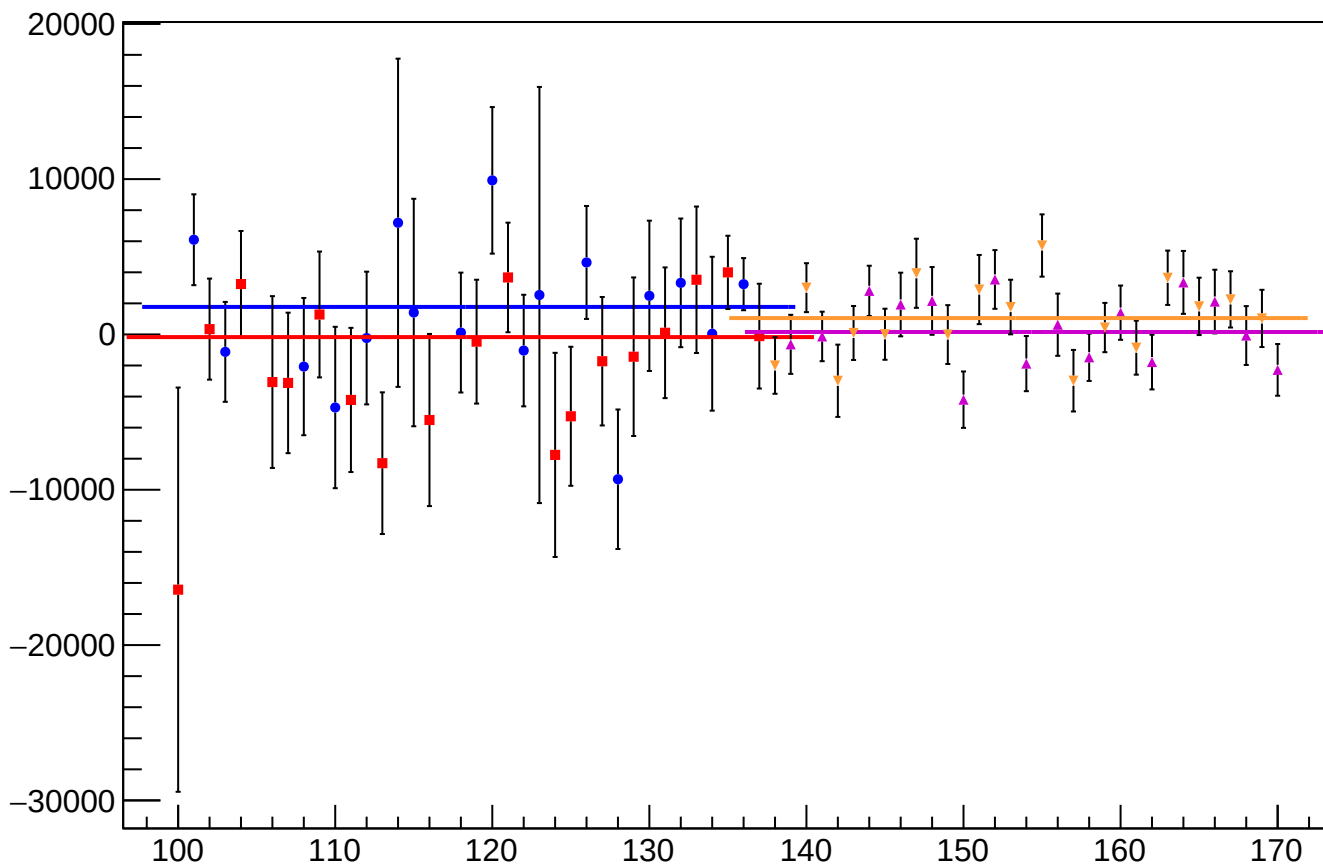
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1758.052 $\pm$ 0.291 χ^2 /NDF: 1900626.4/32

Out: 1760.890 $\pm$ 0.287 χ^2 /NDF: 2294411.6/35

All: 1759.487 $\pm$ 0.204 χ^2 /NDF: 4195086.2/68

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 1053.095+/-445.086 χ^2/NDF : 24.6/16

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 157.715+/-453.929 χ^2/NDF : 23.2/15

Left: 614.211+/-317.804 χ^2/NDF : 49.9/32

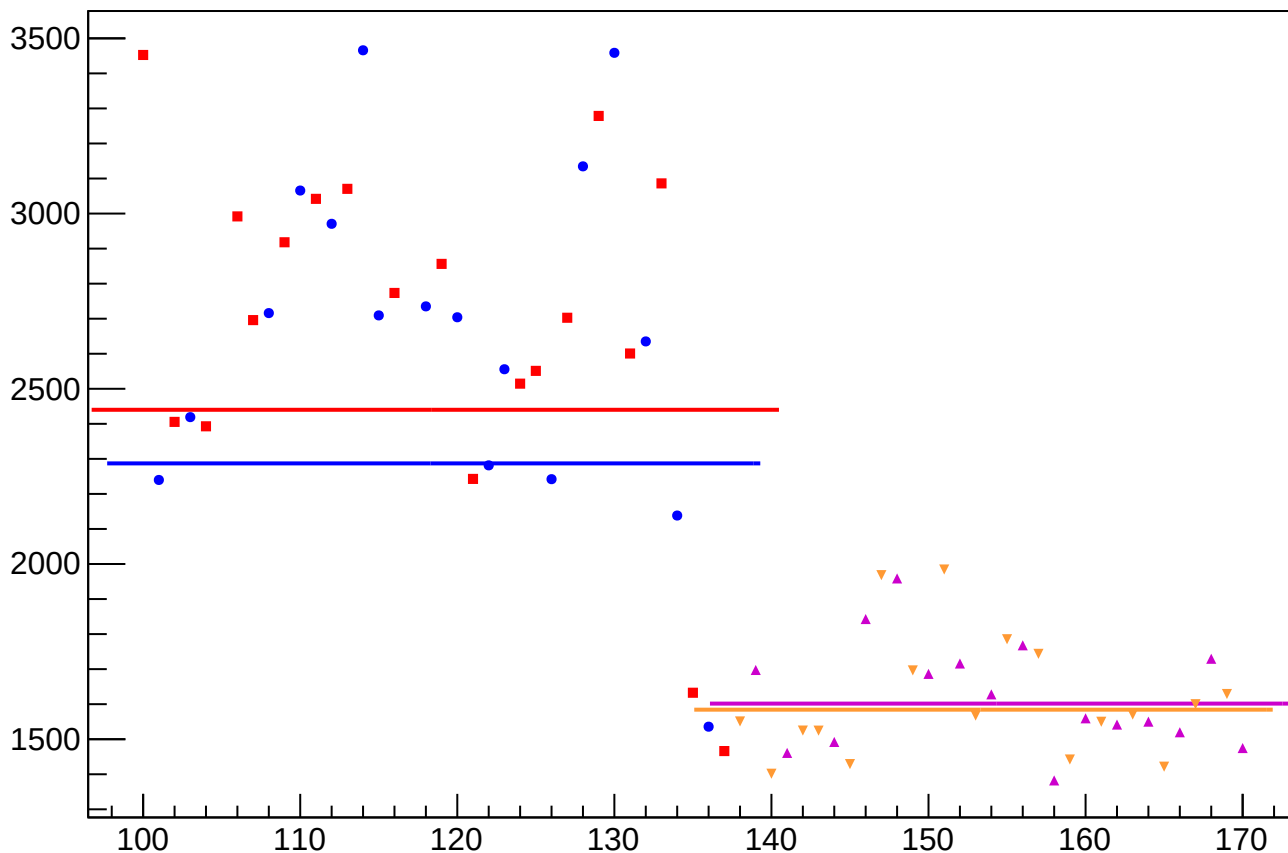
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 477.900+/-406.404 χ^2/NDF : 43.1/32

Out: 827.921+/-402.067 χ^2/NDF : 42.1/35

All: 654.788+/-285.825 χ^2/NDF : 85.5/68

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1584.335 $\pm$ 0.315 χ^2 /NDF: 247189.6/16

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1601.656 $\pm$ 0.321 χ^2 /NDF: 207303.4/15

Left: 1592.825 $\pm$ 0.225 χ^2 /NDF: 455977.7/32

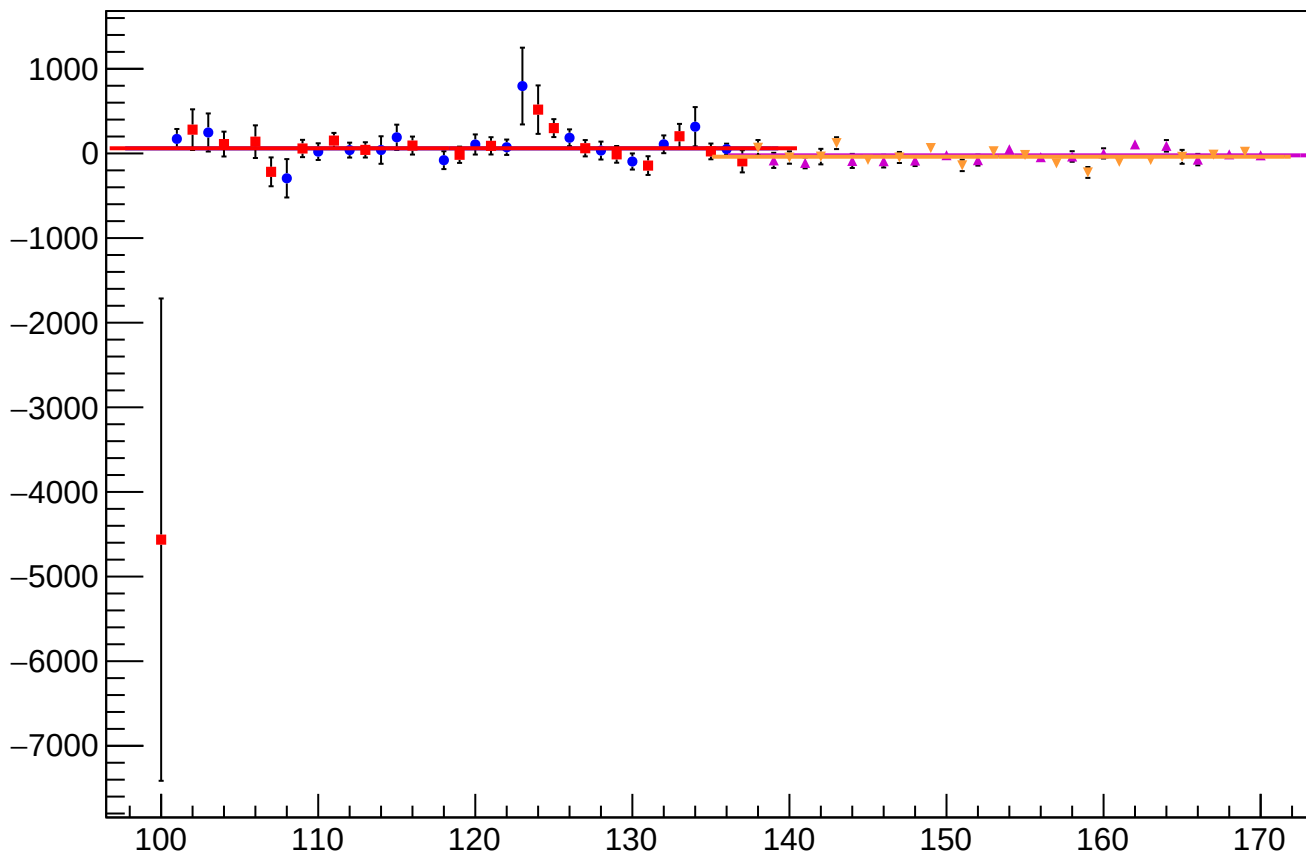
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1737.671 $\pm$ 0.287 χ^2 /NDF: 1911629.7/32

Out: 1741.760 $\pm$ 0.284 χ^2 /NDF: 2286346.0/35

All: 1739.738 $\pm$ 0.202 χ^2 /NDF: 4198078.1/68

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -38.723 $\pm$ 14.999 χ^2 /NDF:27.3/16

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -22.417 $\pm$ 15.340 χ^2 /NDF:15.9/15

Left: -30.753 $\pm$ 10.724 χ^2 /NDF: 43.8/32

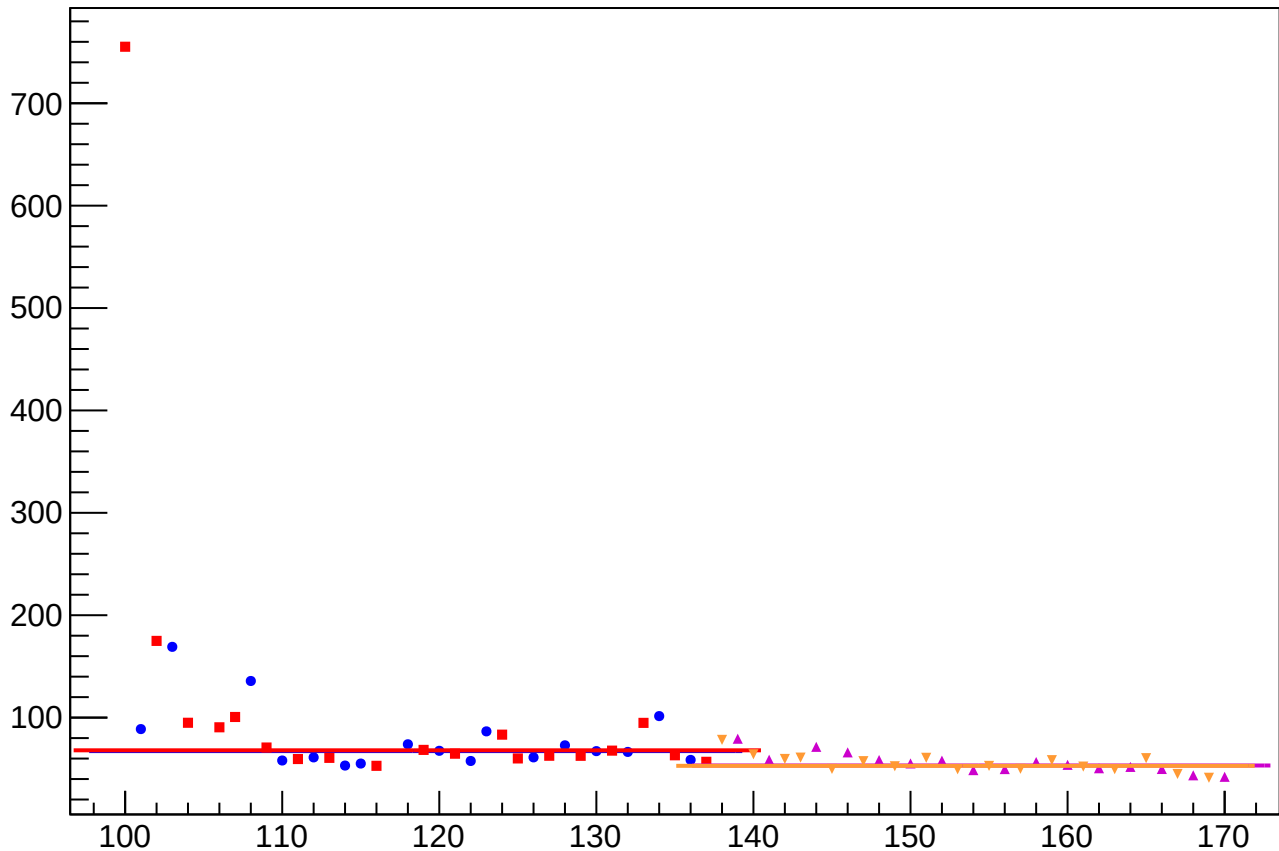
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -2.478 $\pm$ 13.347 χ^2 /NDF:38.2/32

Out: -15.223 $\pm$ 13.113 χ^2 /NDF:60.1/35

All: -8.963 $\pm$ 9.354 χ^2 /NDF: 98.7/68

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: 52.904 $\pm$ 0.011 χ^2 /NDF: 504367.0/16

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 53.234 $\pm$ 0.011 χ^2 /NDF: 594851.9/15

Left: 53.065 $\pm$ 0.008 χ^2 /NDF: 1099693.4/32

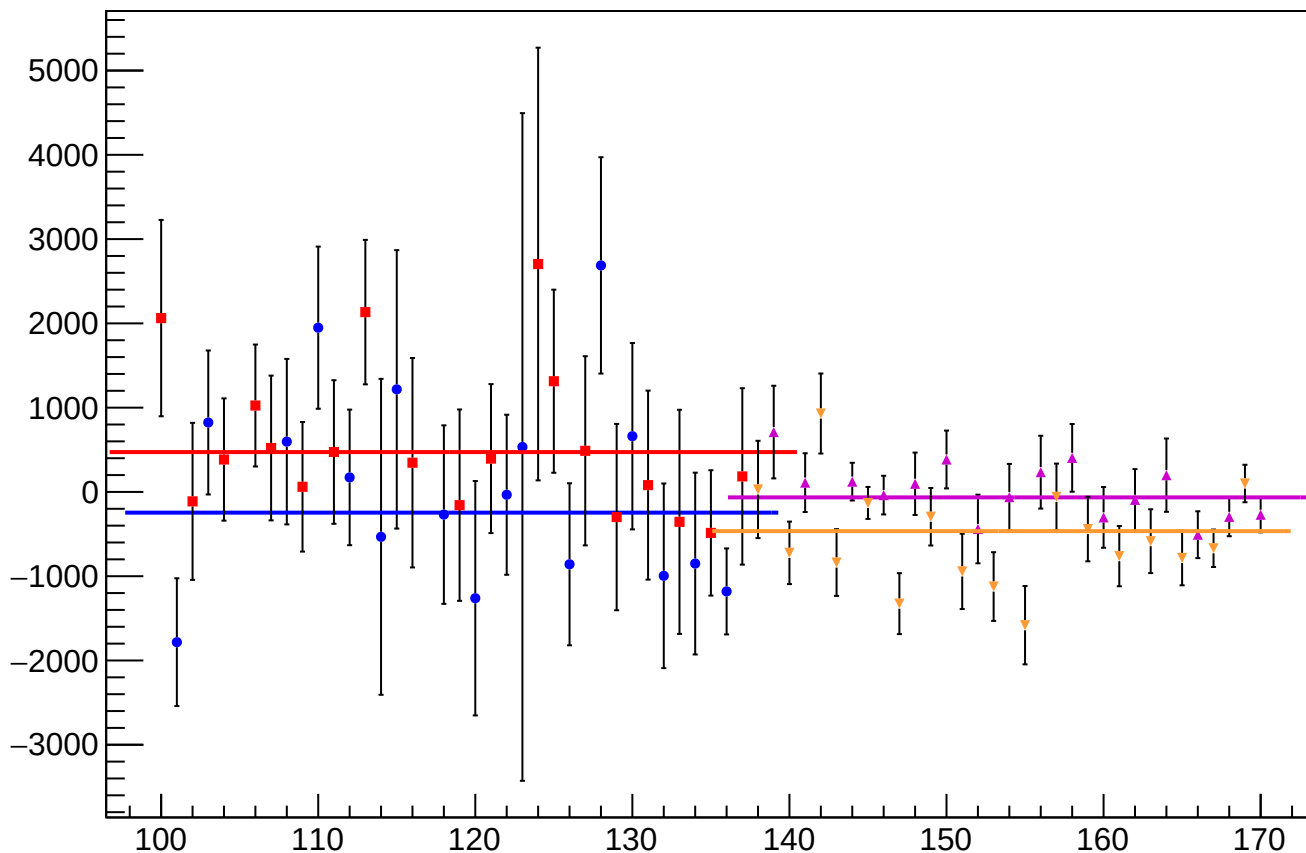
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 56.651 $\pm$ 0.009 χ^2 /NDF: 1844535.1/32

Out: 56.476 $\pm$ 0.009 χ^2 /NDF: 1856313.0/35

All: 56.562 $\pm$ 0.007 χ^2 /NDF: 3701022.1/68

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: -465.094 $\pm$ 79.371 χ^2 /NDF:39.4/16

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: -64.616 $\pm$ 77.697 χ^2 /NDF:12.9/15

Left: -260.588 $\pm$ 55.522 χ^2 /NDF: 65.3/32

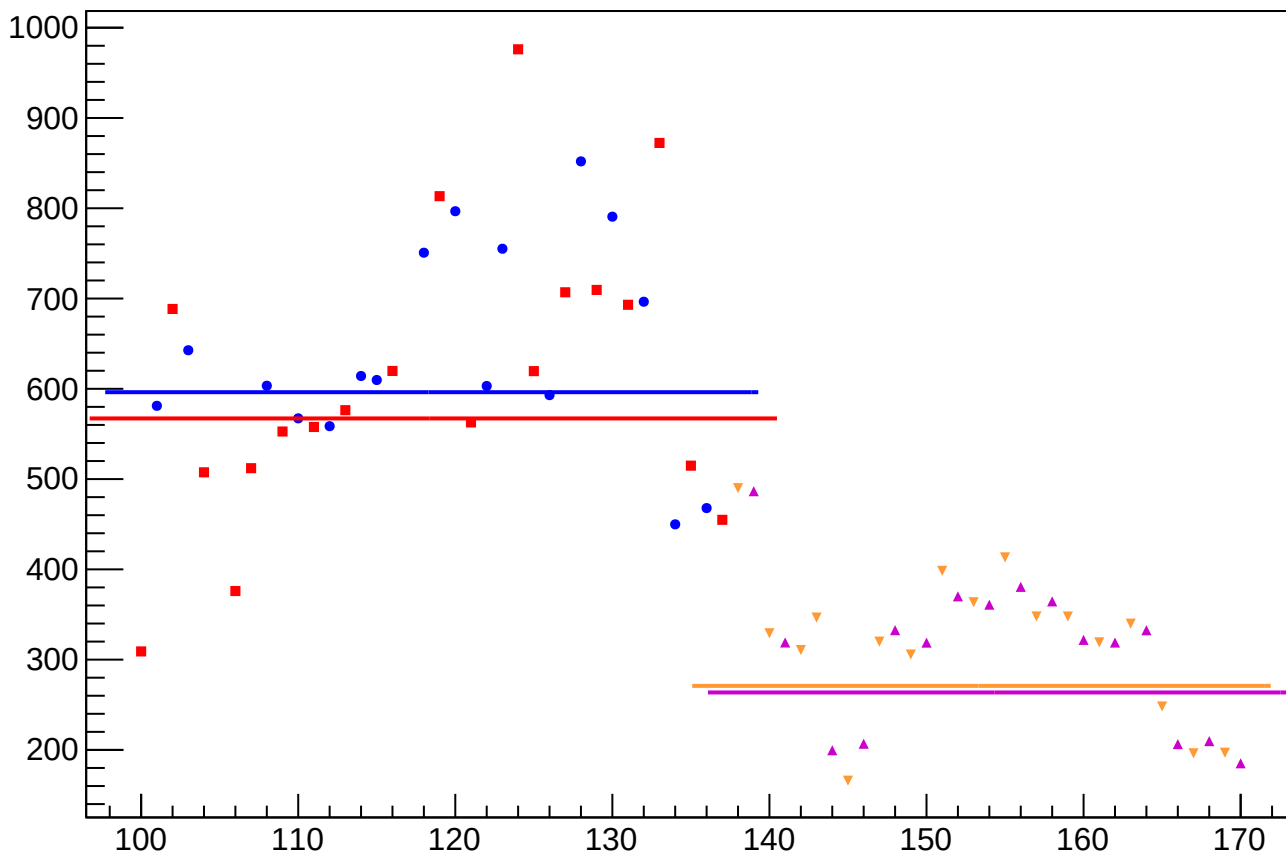
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: -82.398 $\pm$ 73.782 χ^2 /NDF:37.2/32

Out: -356.041 $\pm$ 74.614 χ^2 /NDF:66.9/35

All: -217.685 $\pm$ 52.463 χ^2 /NDF: 110.9/68

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 270.937 $\pm$ 0.056 χ^2 /NDF:2264690.0/16

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 263.647 $\pm$ 0.055 χ^2 /NDF:1943683.0/15

Left: 267.214 $\pm$ 0.039 χ^2 /NDF: 4216989.4/32

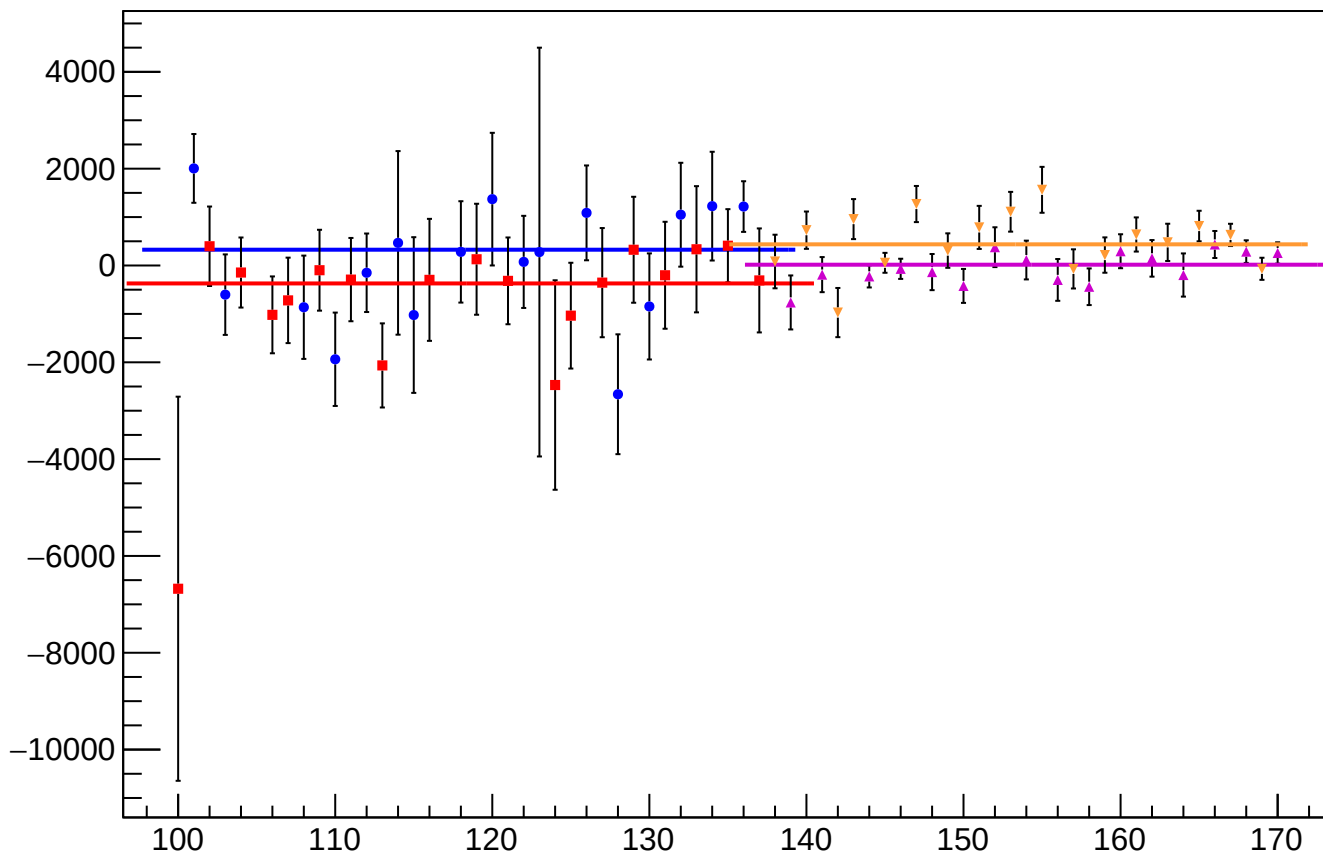
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 296.320 $\pm$ 0.052 χ^2 /NDF:5966119.0/32

Out: 305.380 $\pm$ 0.053 χ^2 /NDF:6179383.7/35

All: 300.799 $\pm$ 0.037 χ^2 /NDF: 12160410.9/68

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 437.110 $\pm$ 81.531 χ^2/NDF : 37.1/16

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: 16.155 $\pm$ 77.896 χ^2/NDF : 13.9/15

Left: 217.041 $\pm$ 56.322 χ^2/NDF : 64.9/32

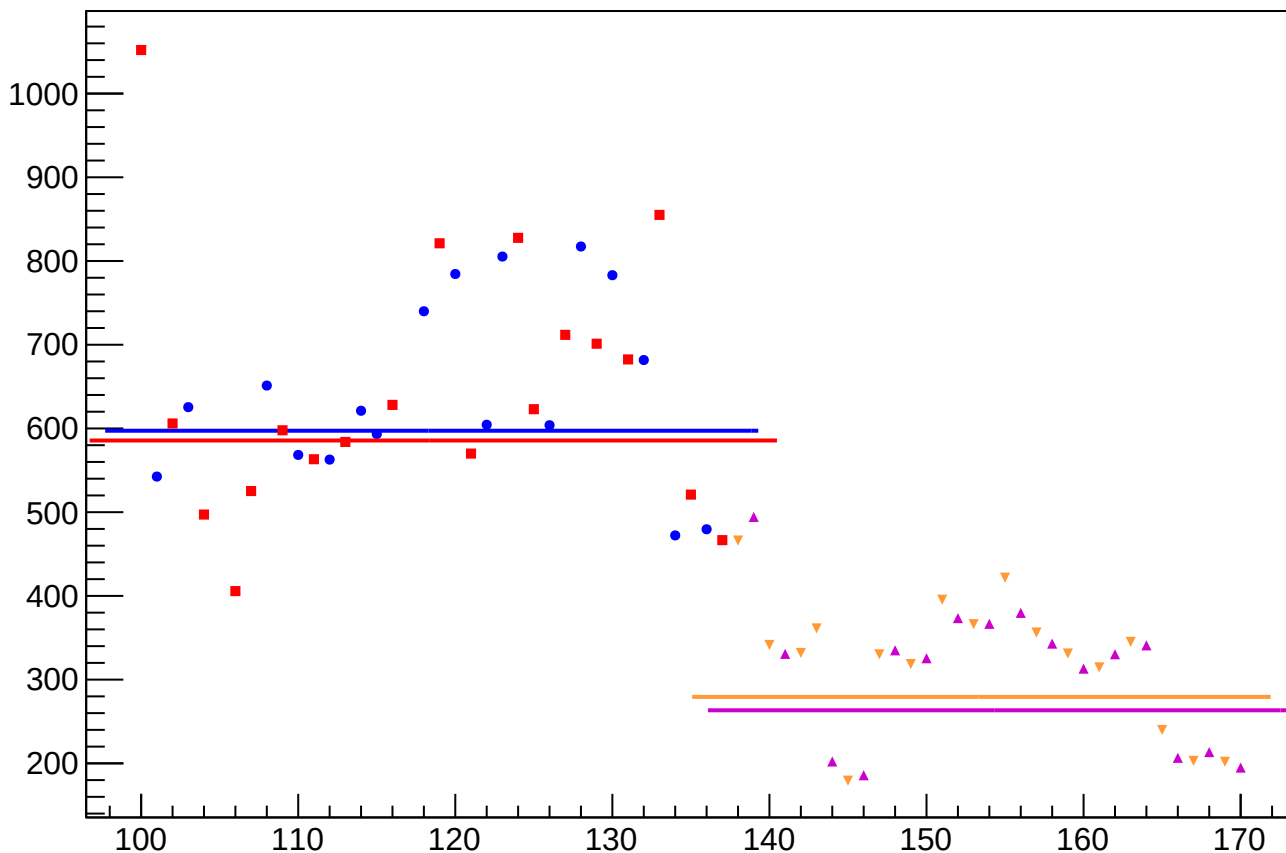
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: 46.696 $\pm$ 73.959 χ^2/NDF : 42.3/32

Out: 343.270 $\pm$ 76.649 χ^2/NDF : 60.1/35

All: 189.686 $\pm$ 53.222 χ^2/NDF : 110.1/68

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 279.414 $\pm$ 0.058 χ^2 /NDF:1993925.8/16

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 263.365 $\pm$ 0.055 χ^2 /NDF:2010664.9/15

Left: 271.024 $\pm$ 0.040 χ^2 /NDF: 4045103.3/32

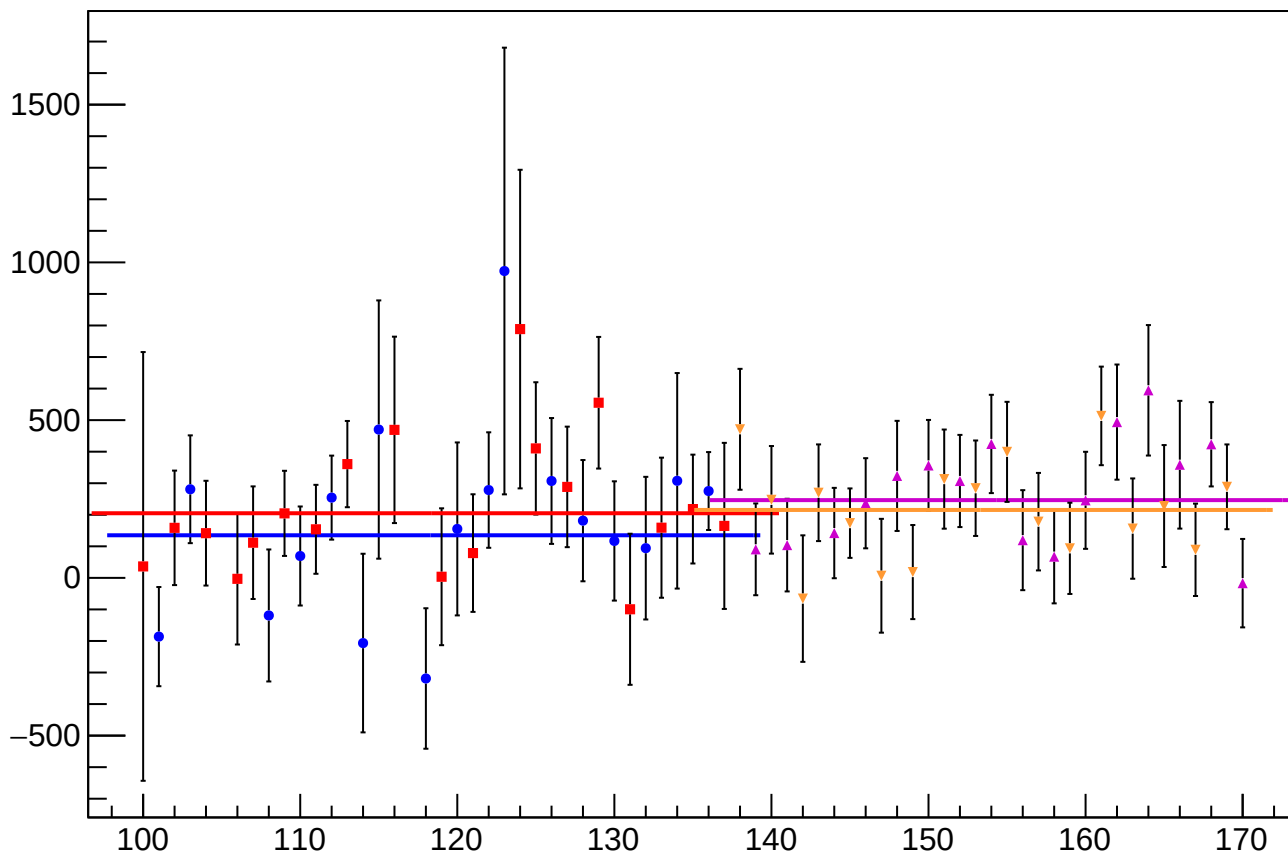
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 296.272 $\pm$ 0.052 χ^2 /NDF:5996288.6/32

Out: 314.983 $\pm$ 0.054 χ^2 /NDF:5745474.5/35

All: 305.294 $\pm$ 0.038 χ^2 /NDF: 11803481.1/68

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: 215.268 $\pm$ 37.521 χ^2 /NDF:14.7/16

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 246.450 $\pm$ 38.557 χ^2 /NDF:17.2/15

Left: 230.434 $\pm$ 26.890 χ^2 /NDF: 32.2/32

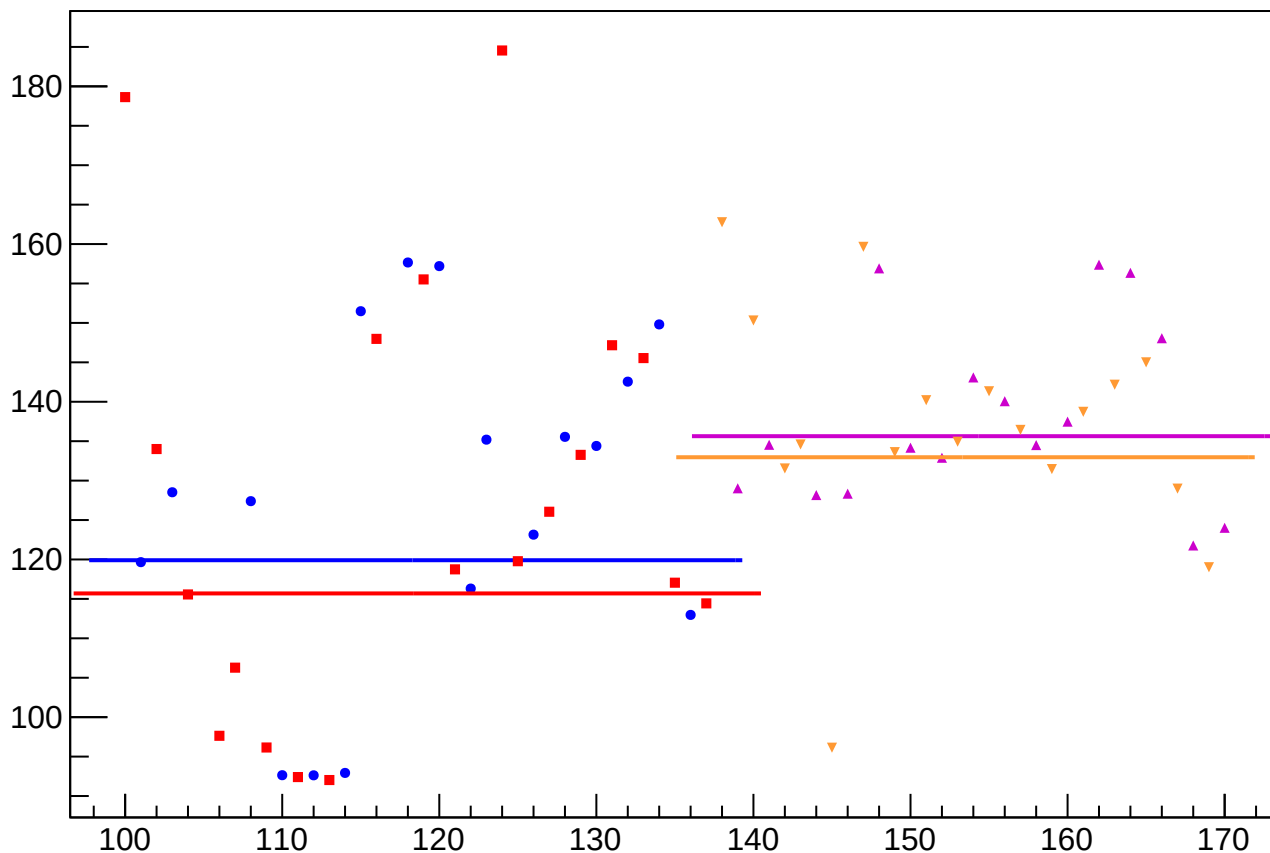
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 201.656 $\pm$ 29.816 χ^2 /NDF:38.6/32

Out: 210.939 $\pm$ 28.669 χ^2 /NDF:26.8/35

All: 206.480 $\pm$ 20.666 χ^2 /NDF: 65.5/68

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 132.964 $\pm$ 0.027 χ^2/NDF :388778.8/16

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 135.635 $\pm$ 0.027 χ^2/NDF :143350.1/15

Left: 134.263 $\pm$ 0.019 χ^2/NDF : 537056.8/32

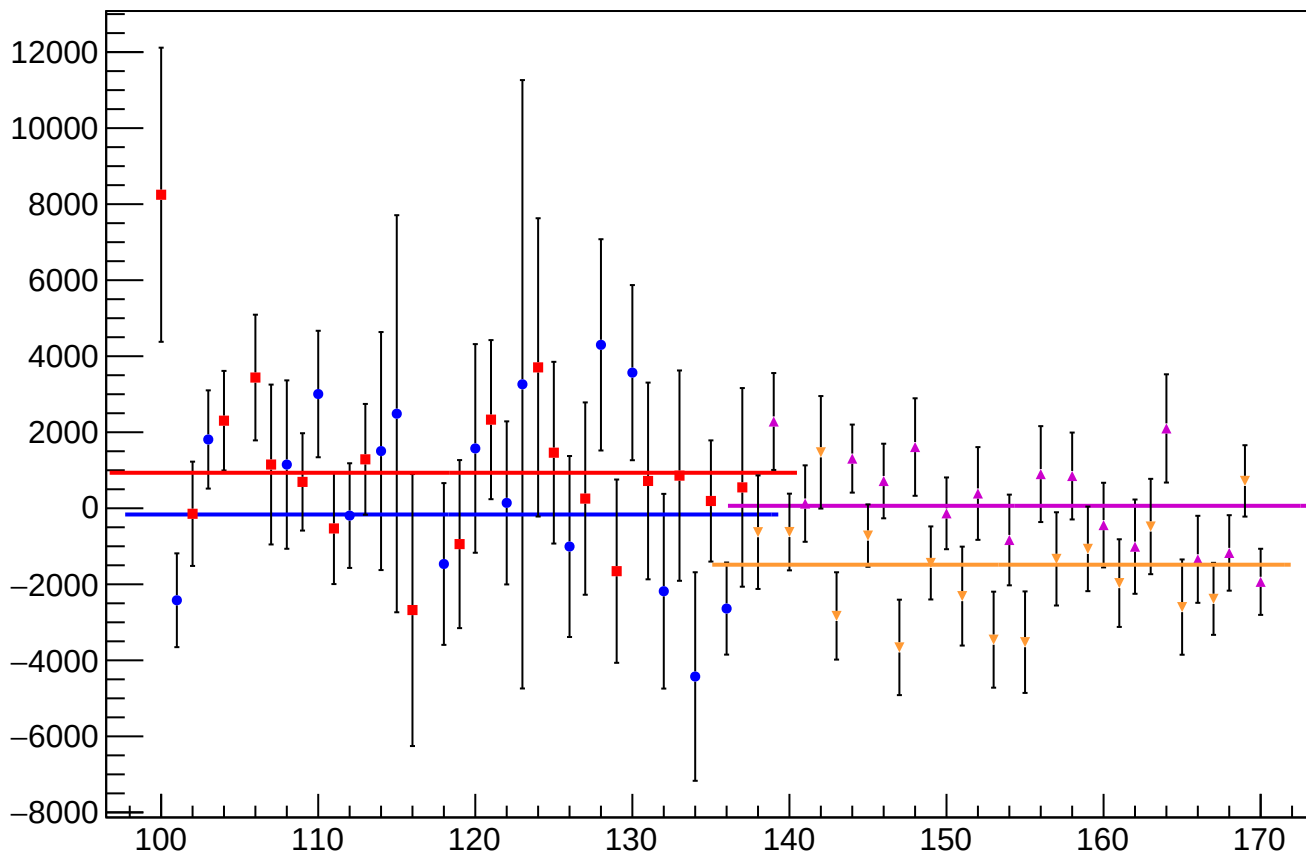
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 129.310 $\pm$ 0.021 χ^2/NDF :622704.8/32

Out: 125.776 $\pm$ 0.020 χ^2/NDF :1000487.7/35

All: 127.474 $\pm$ 0.015 χ^2/NDF : 1637793.9/68

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: -1484.475 $\pm$ 273.457 χ^2 /NDF:23.6/16

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 64.804 $\pm$ 272.756 χ^2 /NDF:19.8/15

Left: -707.847 $\pm$ 193.115 χ^2 /NDF: 59.5/32

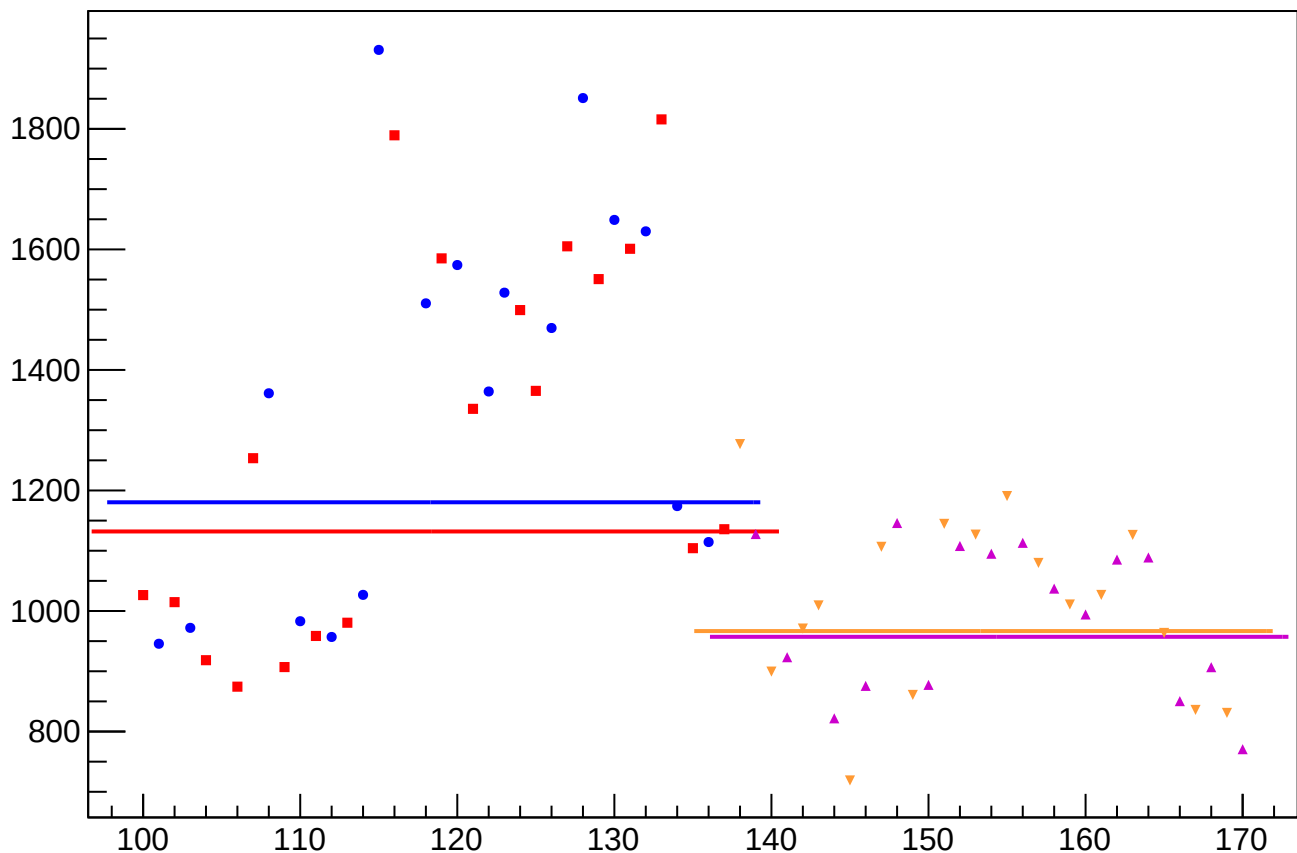
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 7.201 $\pm$ 235.857 χ^2 /NDF:43.7/32

Out: -805.392 $\pm$ 231.909 χ^2 /NDF:58.5/35

All: -405.953 $\pm$ 165.362 χ^2 /NDF: 108.2/68

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: 966.686 $\pm$ 0.193 χ^2 /NDF: 593322.8/16

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 957.170 $\pm$ 0.193 χ^2 /NDF: 407988.8/15

Left: 961.916 $\pm$ 0.137 χ^2 /NDF: 1002525.8/32

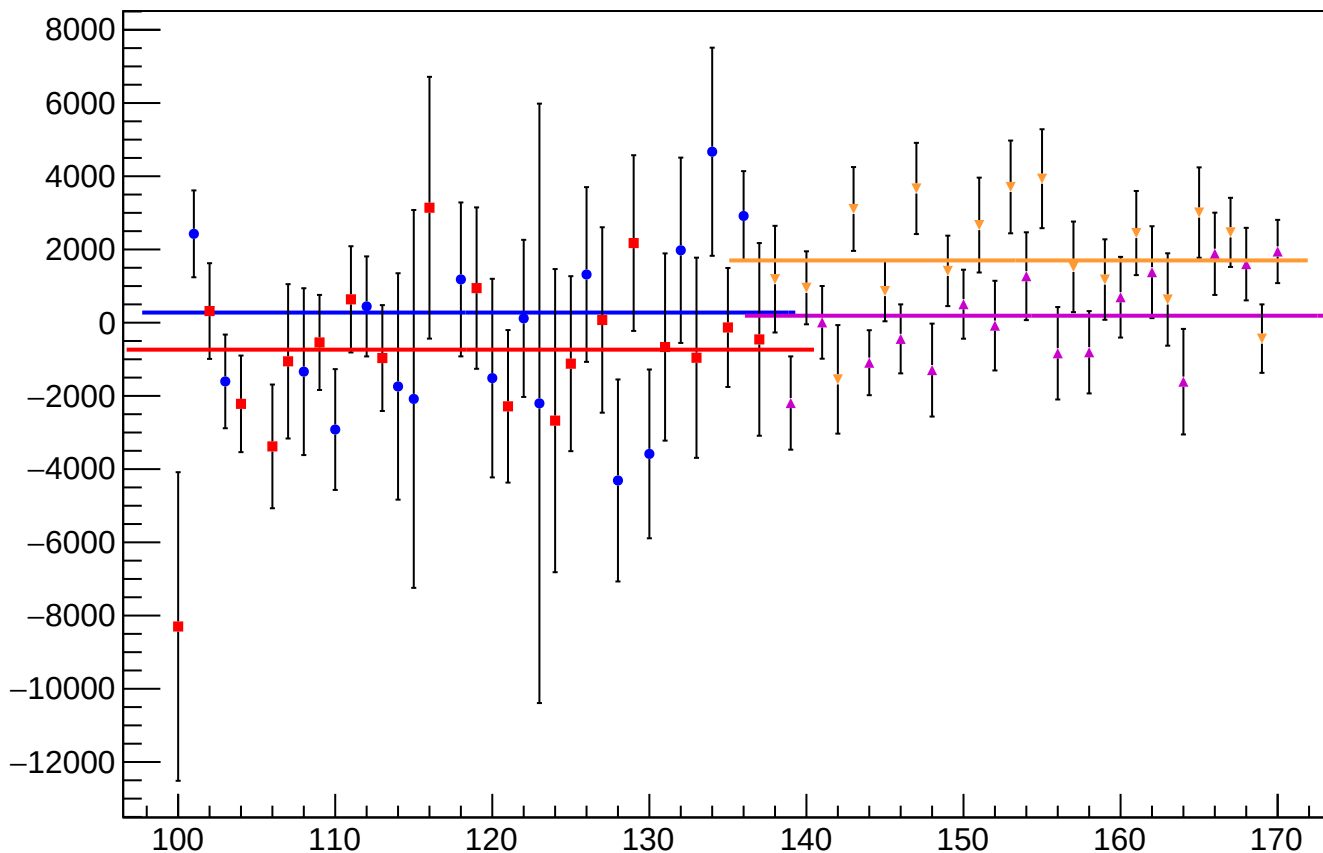
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1013.483 $\pm$ 0.167 χ^2 /NDF: 1414787.1/32

Out: 1013.099 $\pm$ 0.164 χ^2 /NDF: 1560409.0/35

All: 1013.288 $\pm$ 0.117 χ^2 /NDF: 2975198.8/68

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1700.460 $\pm$ 272.711 χ^2 /NDF:24.8/16

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: 190.679 $\pm$ 270.730 χ^2 /NDF:21.0/15

Left: 940.066 $\pm$ 192.132 χ^2 /NDF: 61.2/32

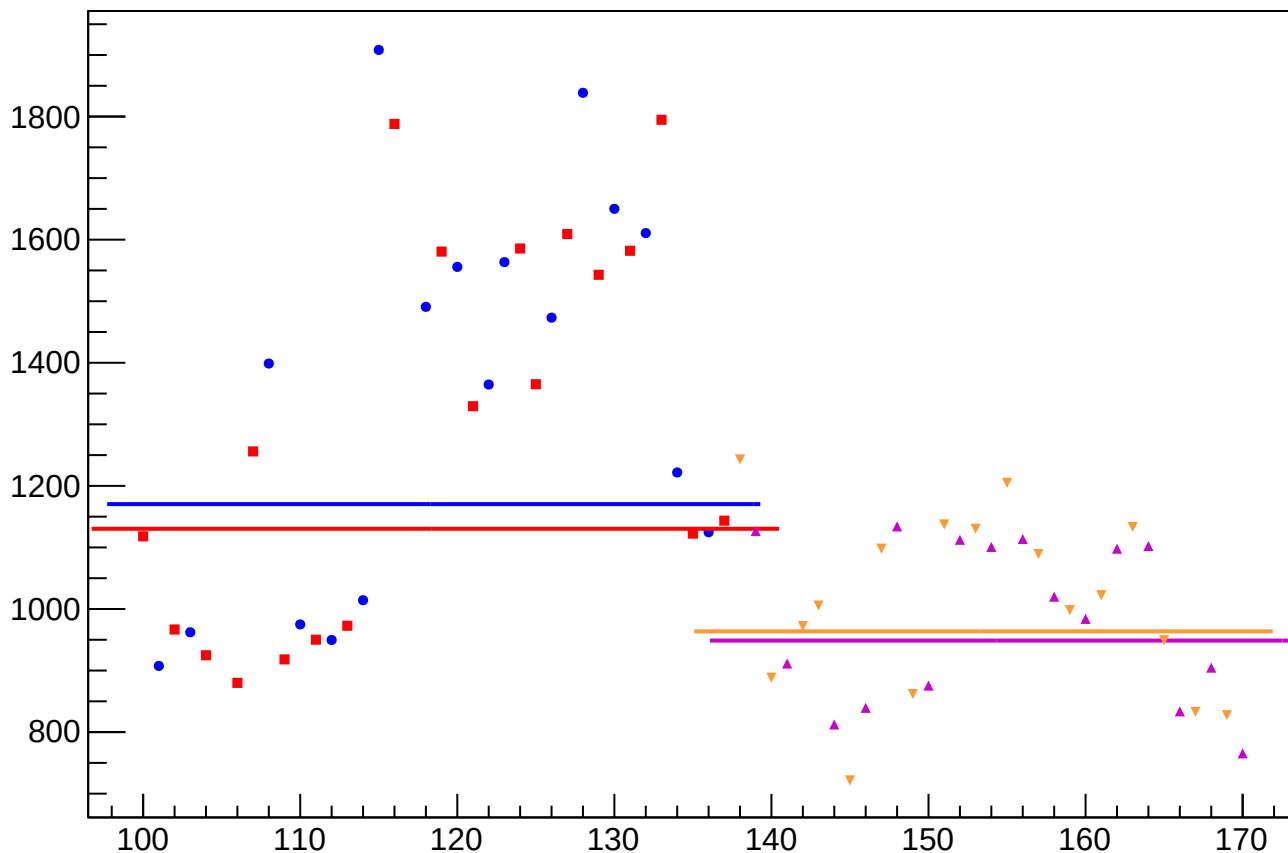
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: 212.287 $\pm$ 234.146 χ^2 /NDF:45.3/32

Out: 1018.351 $\pm$ 231.424 χ^2 /NDF:60.0/35

All: 620.031 $\pm$ 164.595 χ^2 /NDF: 111.3/68

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 963.737 $\pm$ 0.193 χ^2 /NDF: 585227.3/16

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 948.697 $\pm$ 0.191 χ^2 /NDF: 448670.0/15

Left: 956.162 $\pm$ 0.136 χ^2 /NDF: 1036961.0/32

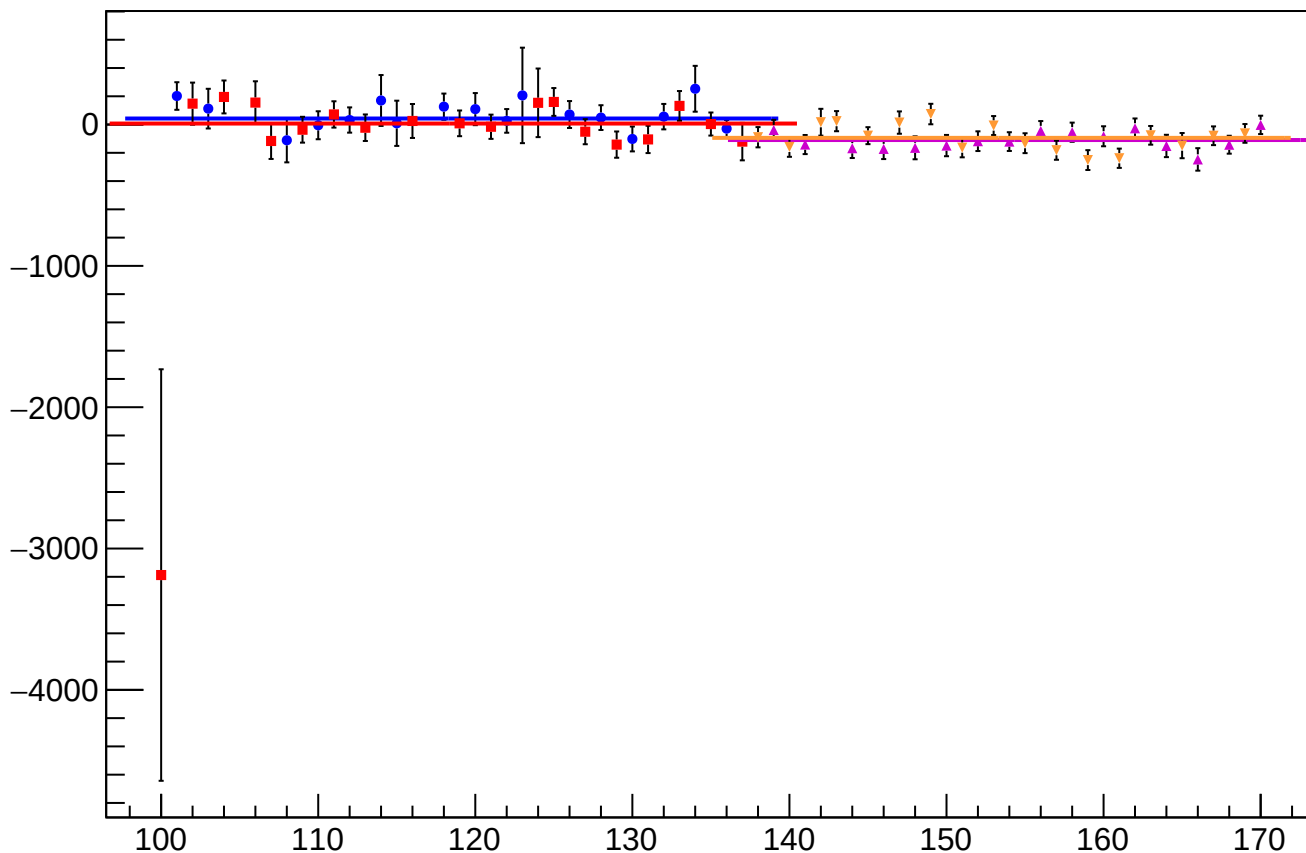
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1004.568 $\pm$ 0.166 χ^2 /NDF: 1492164.4/32

Out: 1010.360 $\pm$ 0.164 χ^2 /NDF: 1557133.6/35

All: 1007.498 $\pm$ 0.116 χ^2 /NDF: 3049916.9/68

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -94.258 ± 17.101 $\chi^2/\text{NDF}: 27.2/16$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -109.547 ± 17.649 $\chi^2/\text{NDF}: 12.8/15$

Left: -101.661 ± 12.281 $\chi^2/\text{NDF}: 40.4/32$

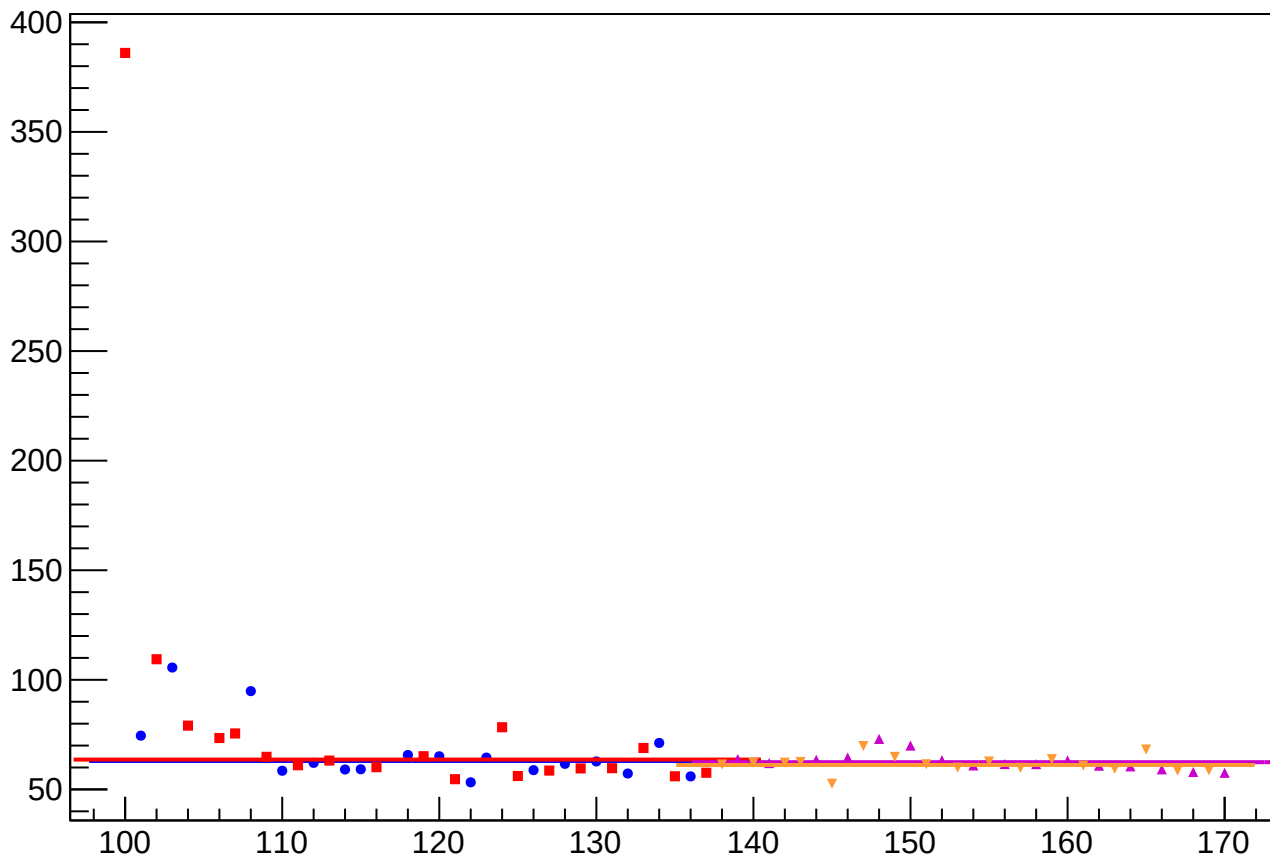
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -58.099 ± 14.360 $\chi^2/\text{NDF}: 49.9/32$

Out: -61.037 ± 14.021 $\chi^2/\text{NDF}: 59.3/35$

All: -59.603 ± 10.032 $\chi^2/\text{NDF}: 109.2/68$

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: 61.151 $\pm$ 0.012 χ^2 /NDF: 95896.5/16

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.425 $\pm$ 0.012 χ^2 /NDF: 86287.1/15

Left: 61.768 $\pm$ 0.009 χ^2 /NDF: 187560.9/32

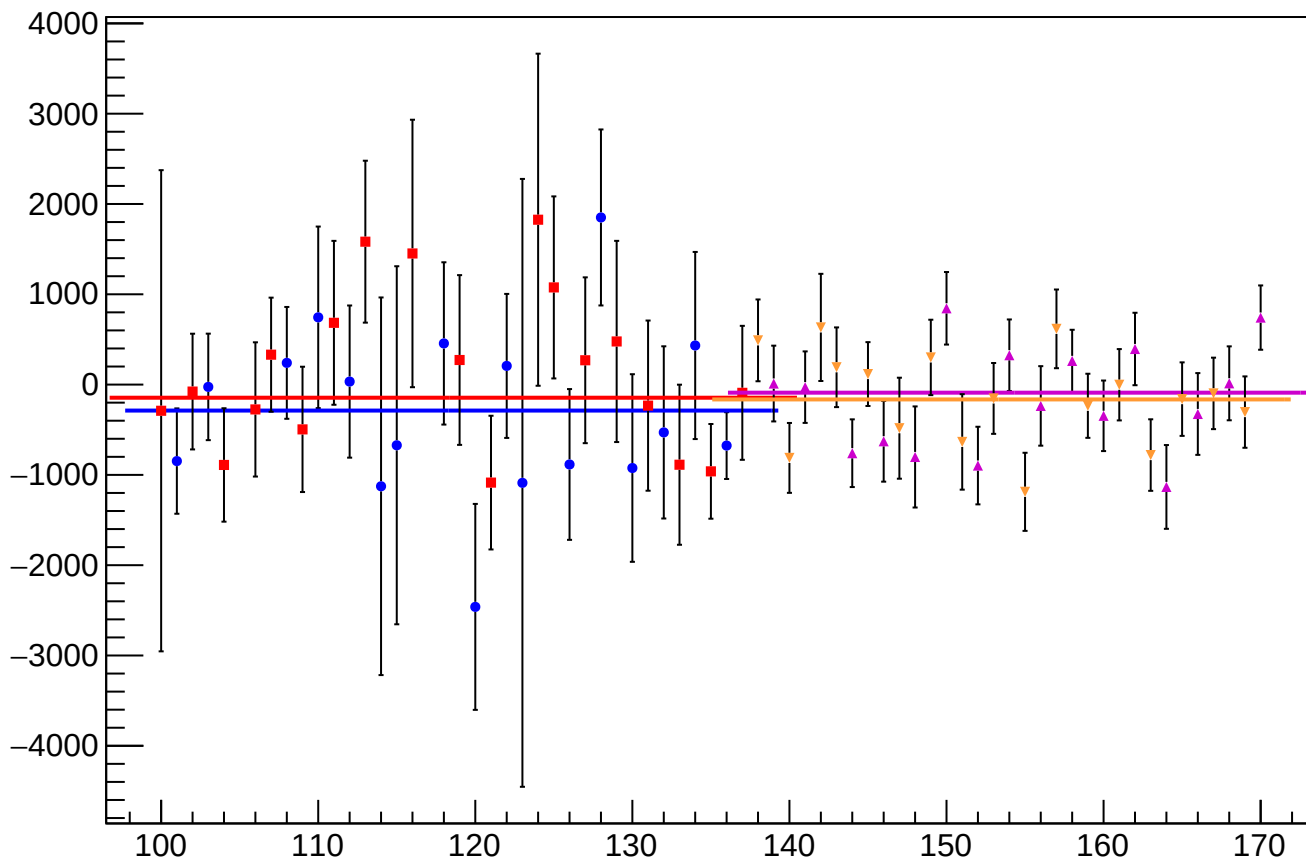
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.613 $\pm$ 0.010 χ^2 /NDF: 462219.3/32

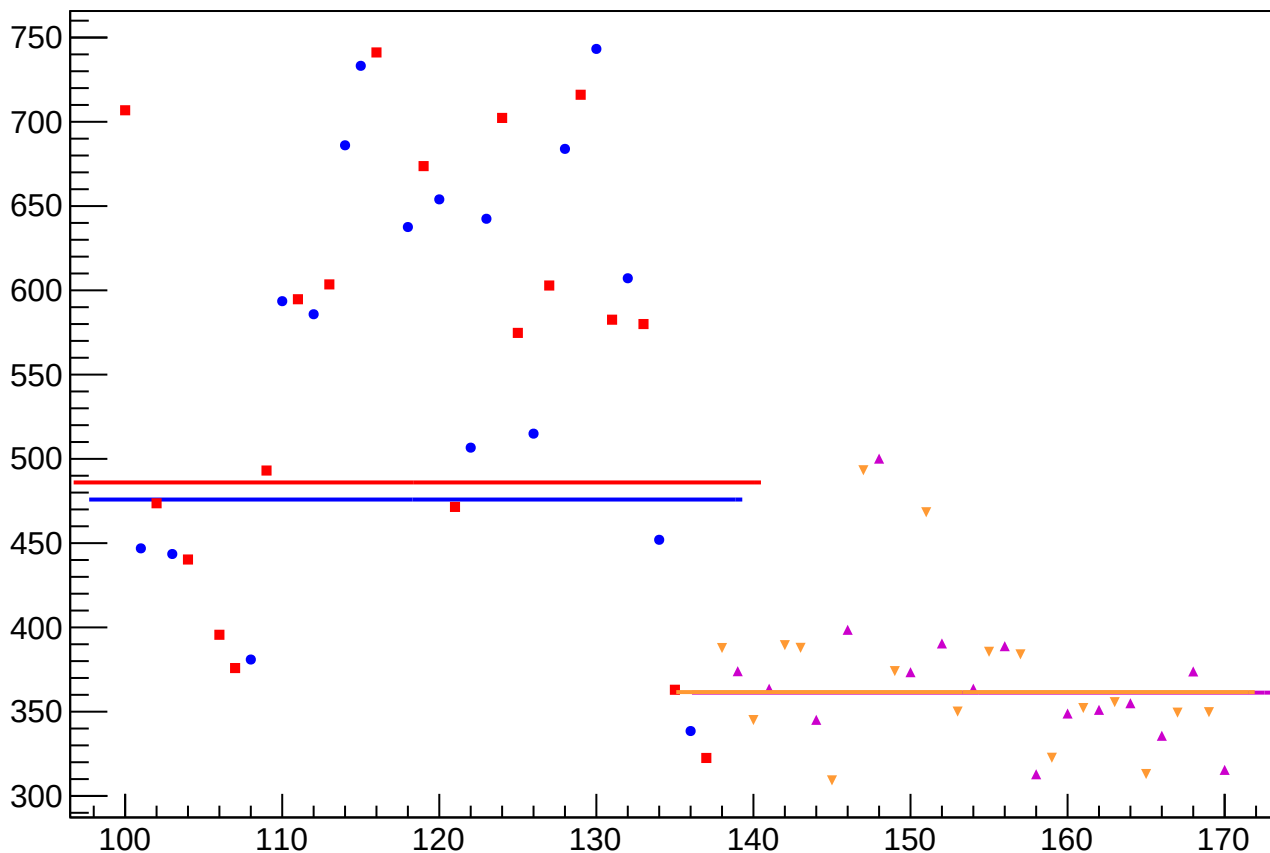
Out: 61.958 $\pm$ 0.010 χ^2 /NDF: 543042.7/35

All: 62.277 $\pm$ 0.007 χ^2 /NDF: 1007389.9/68

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



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: 361.623+/-0.072 χ^2/NDF :330864.9/16

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 361.298+/-0.073 χ^2/NDF :246124.2/15

Left: 361.462+/-0.051 χ^2/NDF : 576999.1/32

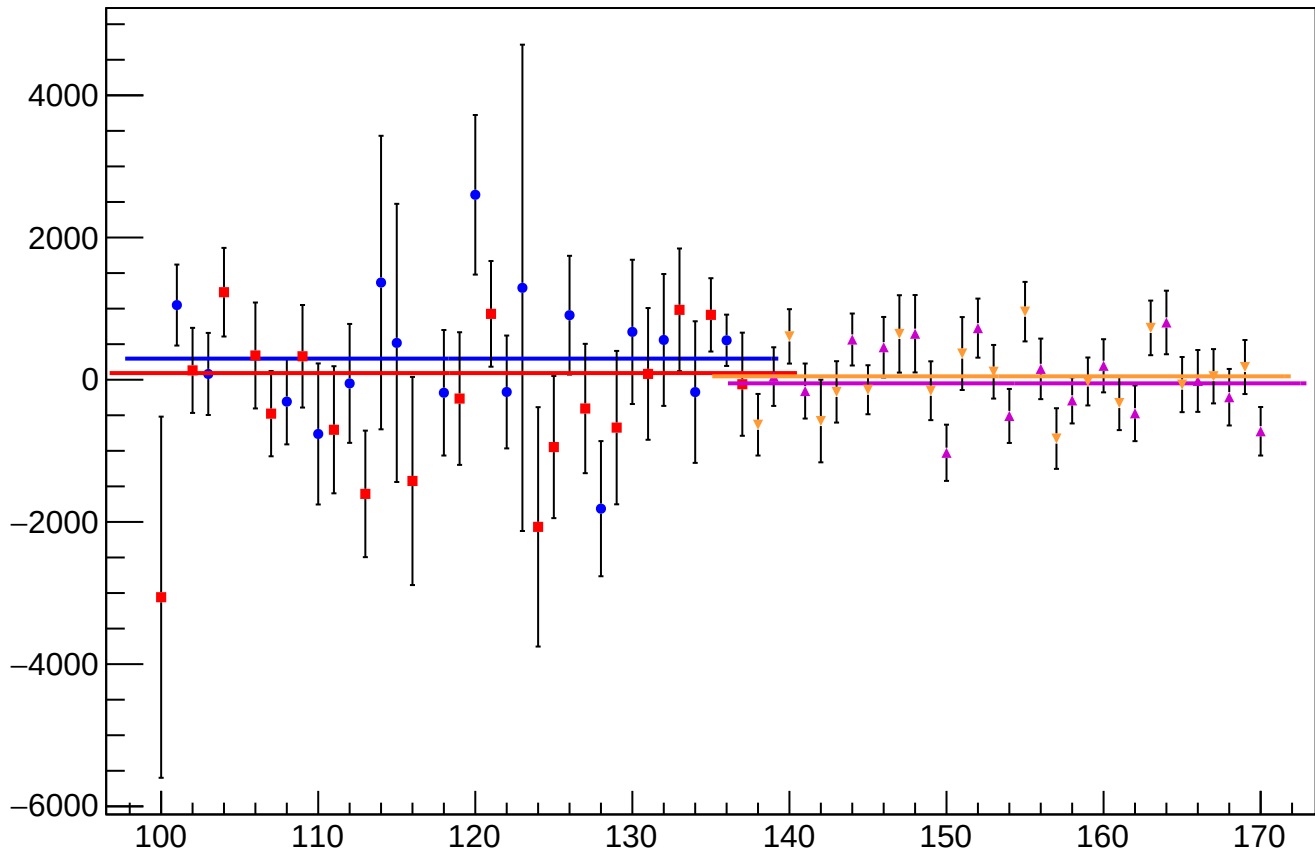
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 387.171+/-0.064 χ^2/NDF :1647619.8/32

Out: 389.939+/-0.063 χ^2/NDF :1742184.7/35

All: 388.569+/-0.045 χ^2/NDF : 3390754.2/68

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: 47.856 $\pm$ 98.491 χ^2 /NDF:21.5/16

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -50.913 $\pm$ 99.026 χ^2 /NDF:27.3/15

Left: -1.261 $\pm$ 69.832 χ^2 /NDF: 49.3/32

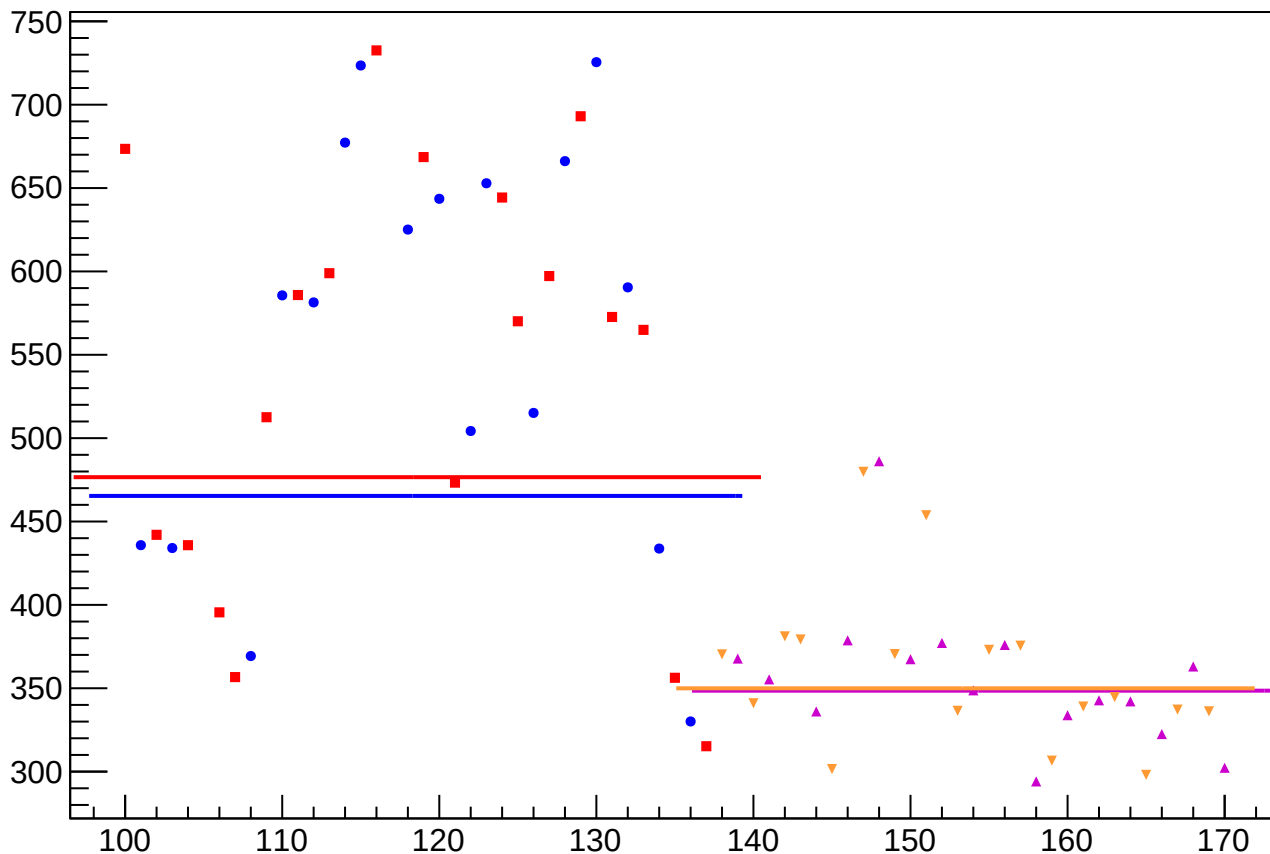
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 25.936 $\pm$ 87.407 χ^2 /NDF:45.9/32

Out: 58.033 $\pm$ 86.824 χ^2 /NDF:41.7/35

All: 42.092 $\pm$ 61.599 χ^2 /NDF: 87.6/68

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: 349.956 $\pm$ 0.070 χ^2/NDF :352359.5/16

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 348.547 $\pm$ 0.070 χ^2/NDF :274501.6/15

Left: 349.255 $\pm$ 0.049 χ^2/NDF : 627064.7/32

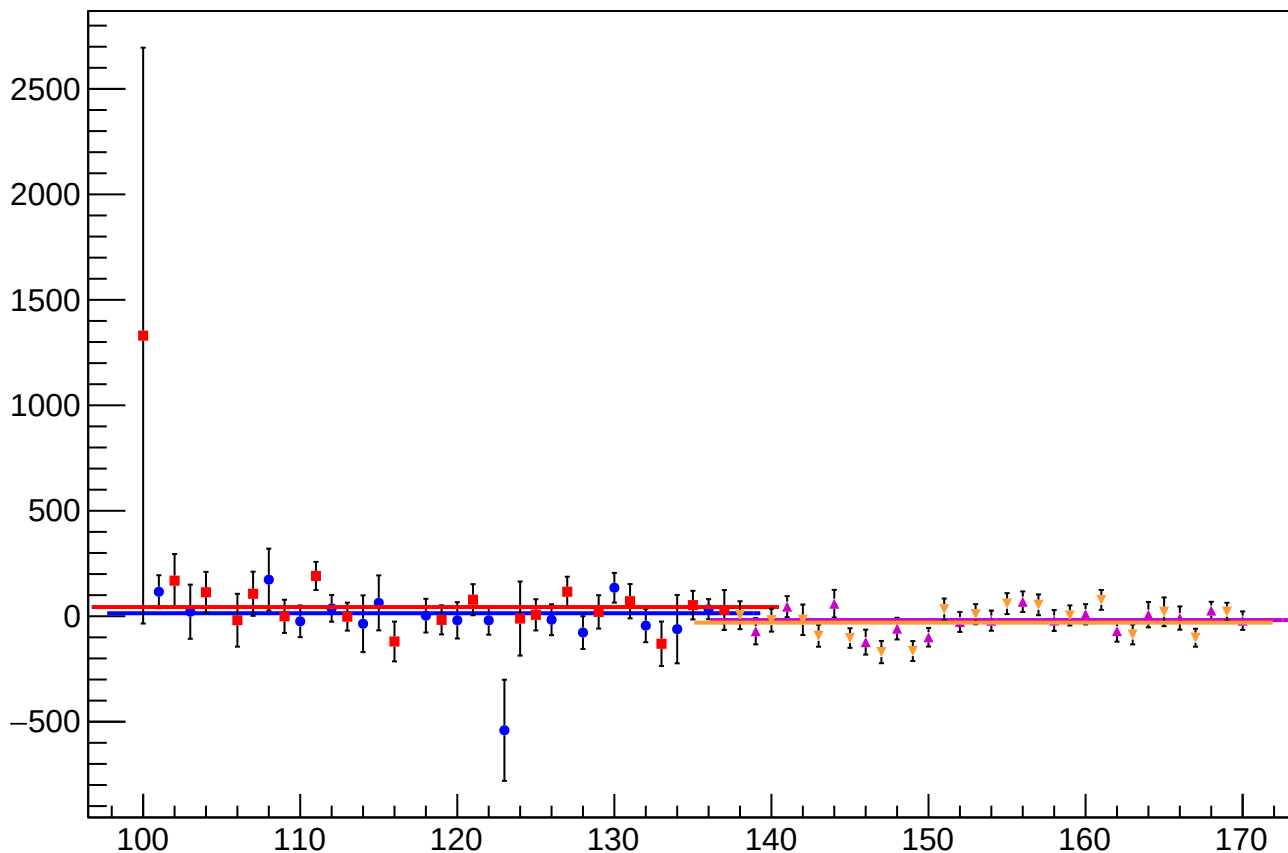
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 374.349 $\pm$ 0.062 χ^2/NDF :1749626.1/32

Out: 378.180 $\pm$ 0.061 χ^2/NDF :1842239.1/35

All: 376.278 $\pm$ 0.044 χ^2/NDF : 3593799.0/68

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.245 ± 12.194 $\chi^2/\text{NDF}: 40.0/16$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -18.132 ± 12.583 $\chi^2/\text{NDF}: 16.9/15$

Left: -24.378 ± 8.757 $\chi^2/\text{NDF}: 57.4/32$

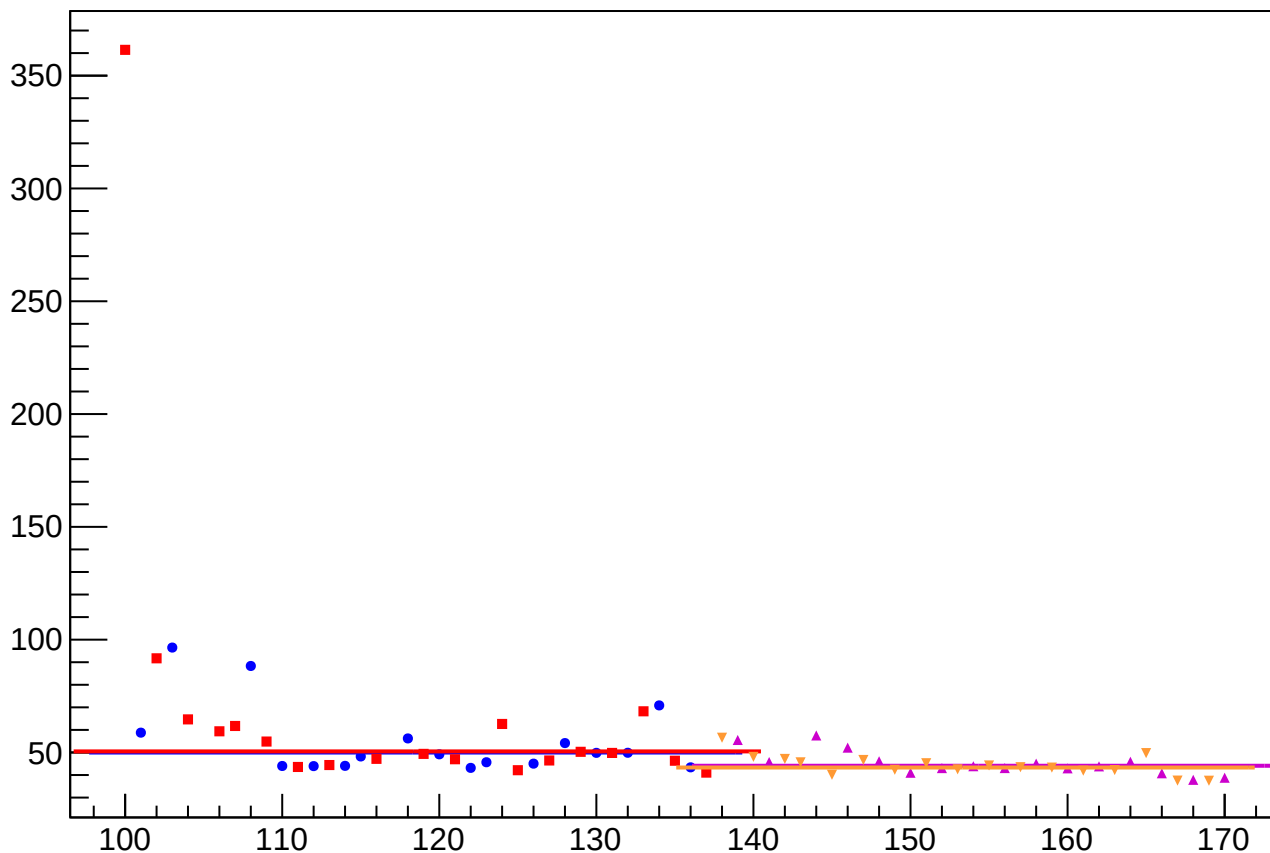
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -8.860 ± 10.630 $\chi^2/\text{NDF}: 33.6/32$

Out: -9.710 ± 10.361 $\chi^2/\text{NDF}: 67.3/35$

All: -9.296 ± 7.419 $\chi^2/\text{NDF}: 100.8/68$

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: 43.328+/-0.009 χ^2/NDF : 223001.4/16

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 44.108+/-0.009 χ^2/NDF : 290261.8/15

Left: 43.706+/-0.006 χ^2/NDF : 517220.6/32

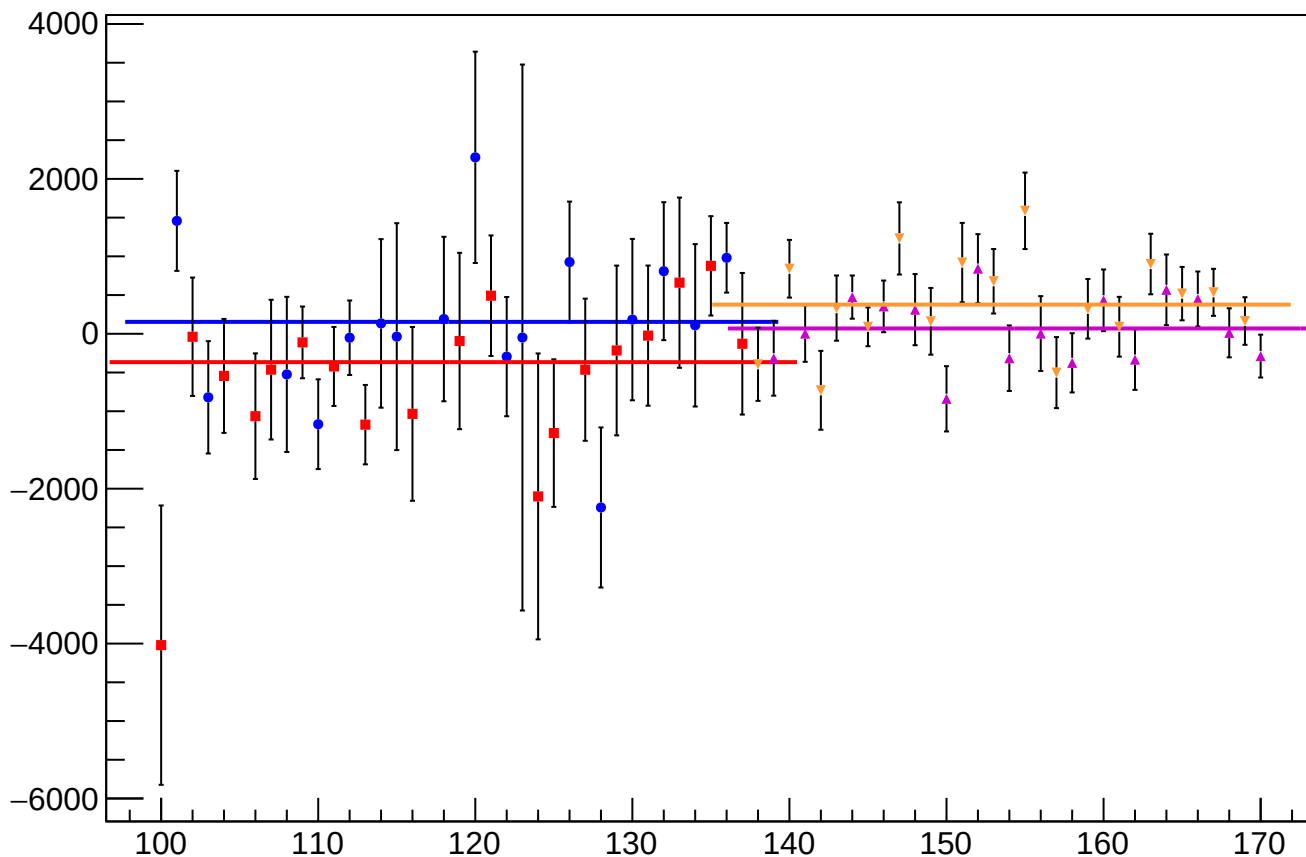
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 45.787+/-0.008 χ^2/NDF : 993438.6/32

Out: 45.315+/-0.007 χ^2/NDF : 985195.7/35

All: 45.545+/-0.005 χ^2/NDF : 1980656.7/68

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: 376.603 $\pm$ 93.076 χ^2 /NDF:28.5/16

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 68.435 $\pm$ 93.500 χ^2 /NDF:19.6/15

Left: 223.219 $\pm$ 65.964 χ^2 /NDF: 53.5/32

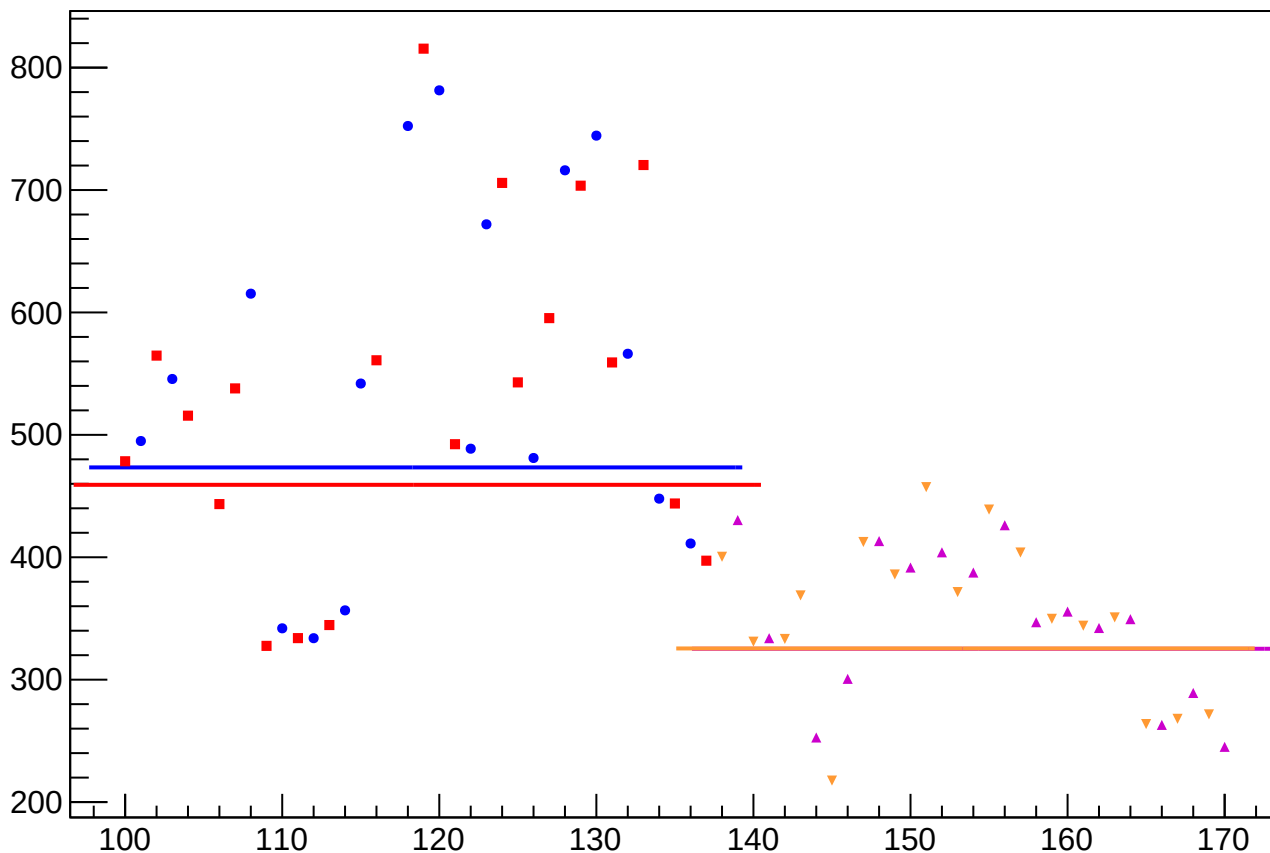
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 85.090 $\pm$ 83.889 χ^2 /NDF:44.5/32

Out: 218.365 $\pm$ 82.570 χ^2 /NDF:58.2/35

All: 152.783 $\pm$ 58.847 χ^2 /NDF: 104.0/68

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 325.505+/-0.066 χ^2/NDF : 1091924.2/16

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 325.245+/-0.066 χ^2/NDF : 840483.8/15

Left: 325.376+/-0.047 χ^2/NDF : 1932415.8/32

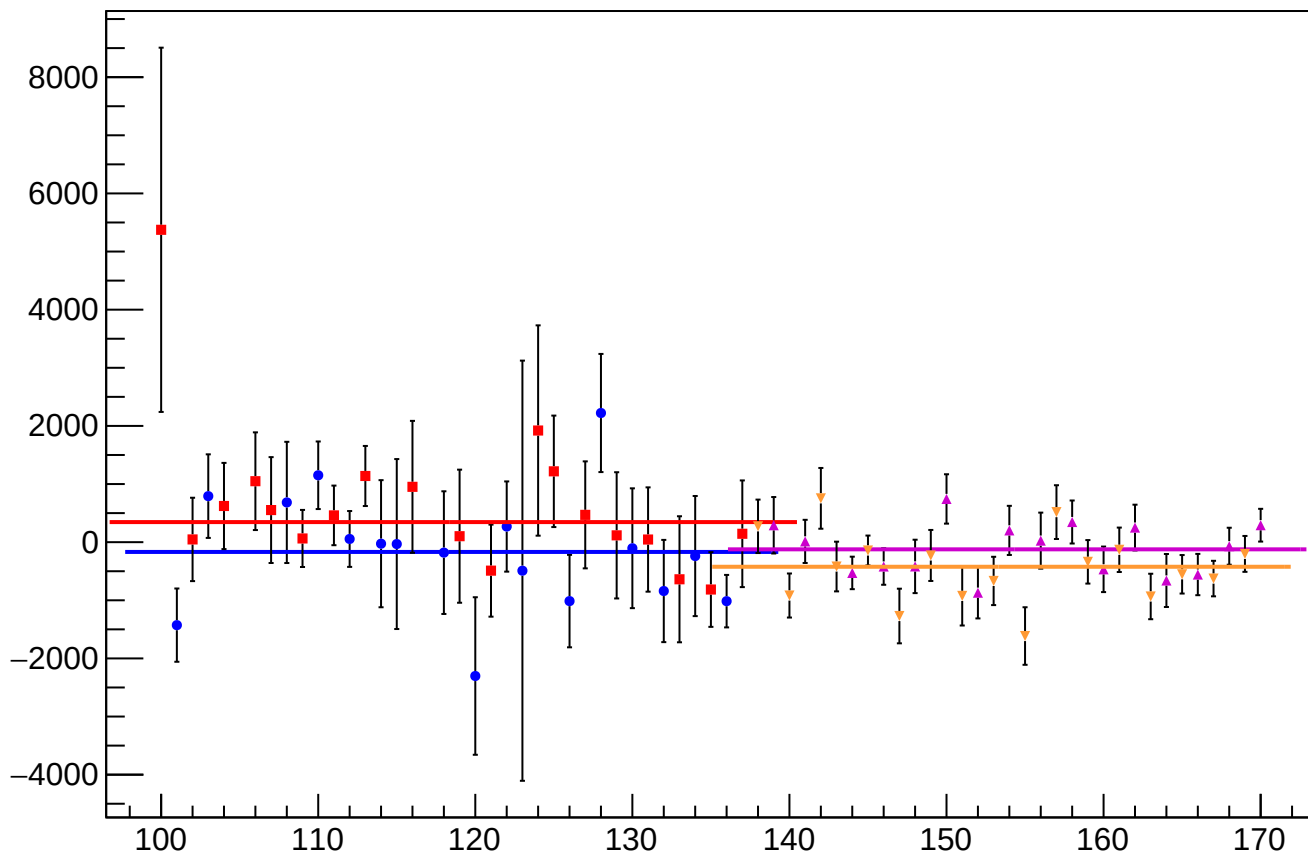
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 354.139+/-0.059 χ^2/NDF : 2734787.3/32

Out: 353.979+/-0.058 χ^2/NDF : 2977115.2/35

All: 354.057+/-0.042 χ^2/NDF : 5711906.2/68

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -423.015 $\pm$ 93.274 χ^2 /NDF:28.4/16

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -123.315 $\pm$ 93.160 χ^2 /NDF:20.3/15

Left: -272.983 $\pm$ 65.914 χ^2 /NDF: 53.9/32

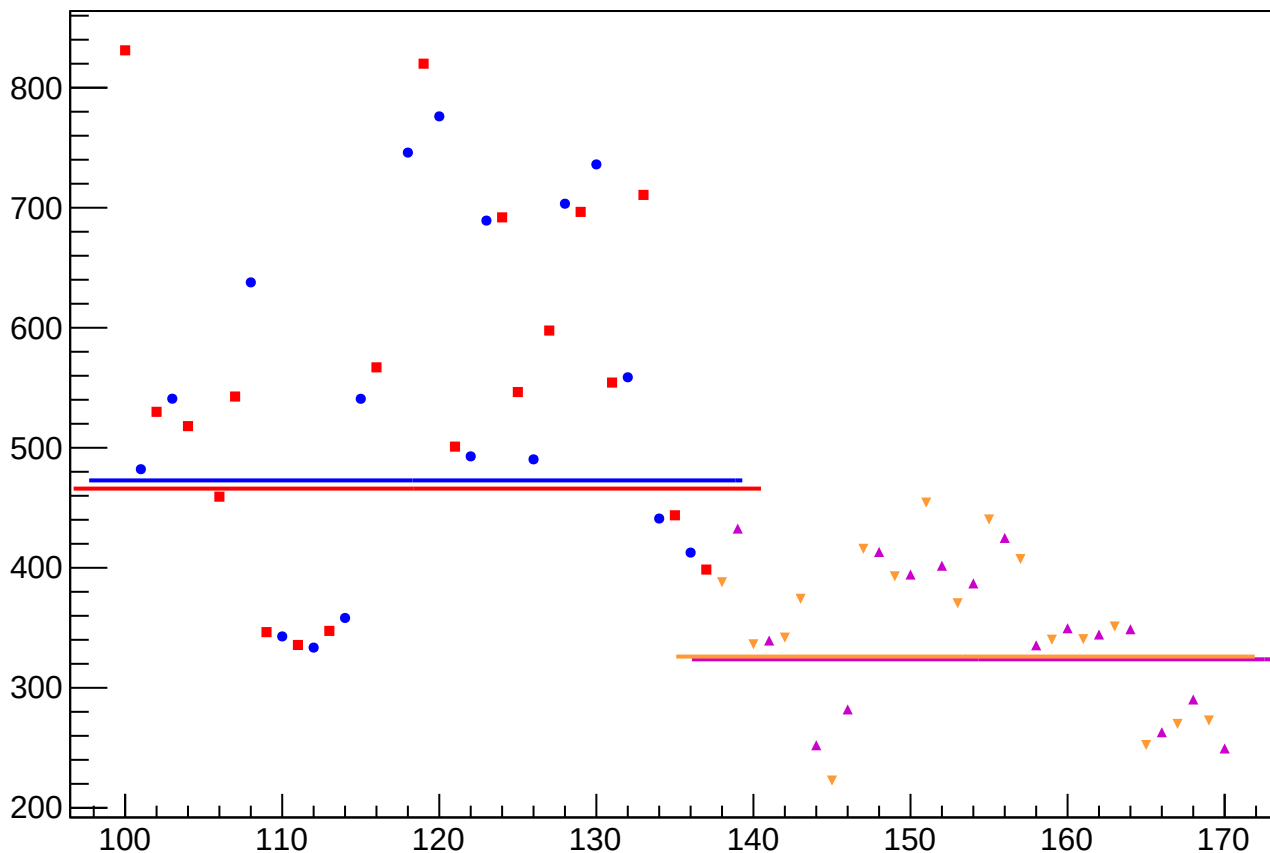
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -132.003 $\pm$ 83.626 χ^2 /NDF:45.8/32

Out: -262.116 $\pm$ 82.937 χ^2 /NDF:56.3/35

All: -197.598 $\pm$ 58.887 χ^2 /NDF: 103.3/68

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: 326.044 $\pm$ 0.066 χ^2/NDF :1065563.9/16

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 323.750 $\pm$ 0.066 χ^2/NDF :838808.3/15

Left: 324.896 $\pm$ 0.047 χ^2/NDF : 1904977.9/32

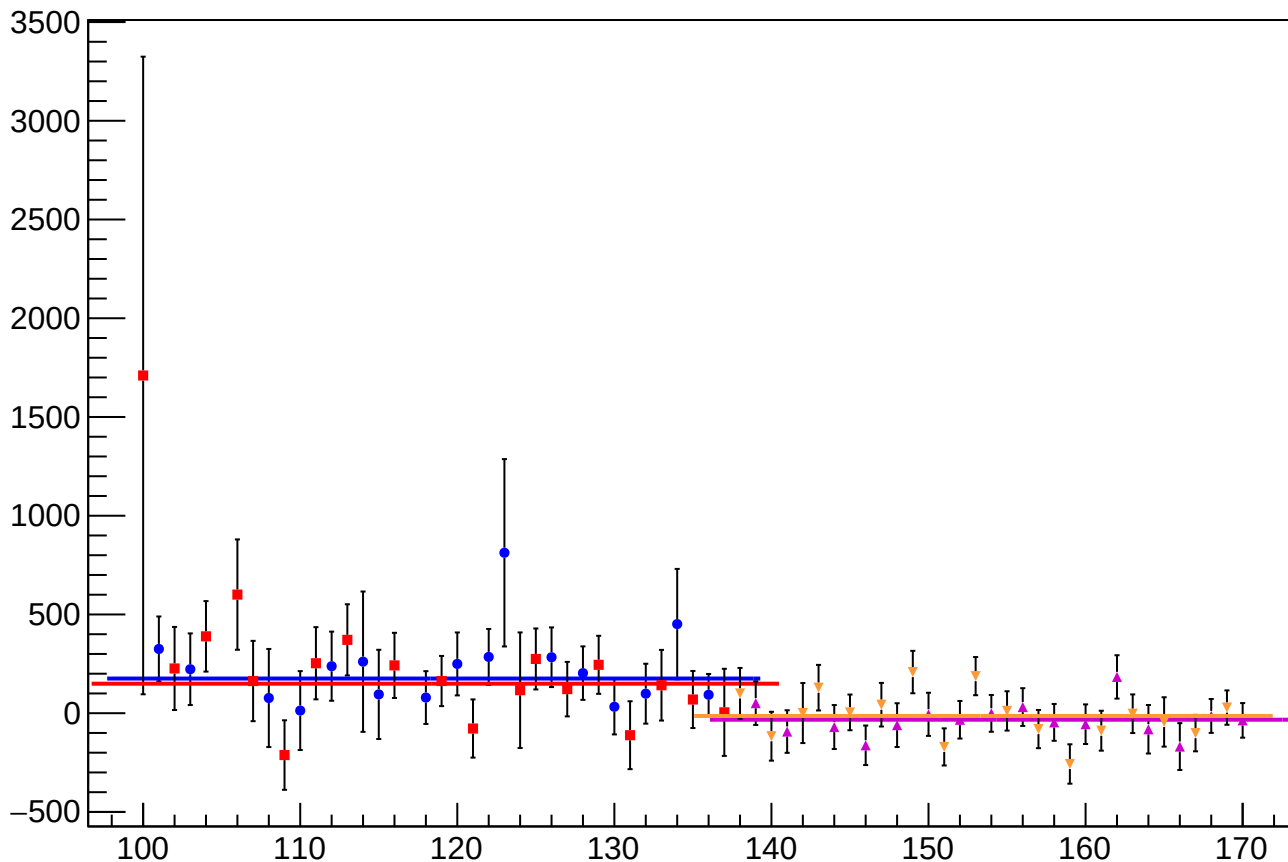
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 352.701 $\pm$ 0.059 χ^2/NDF :2729734.7/32

Out: 355.343 $\pm$ 0.059 χ^2/NDF :2950186.3/35

All: 354.033 $\pm$ 0.042 χ^2/NDF : 5680927.5/68

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: -14.029 $\pm$ 25.162 χ^2 /NDF:23.0/16

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -33.005 $\pm$ 25.404 χ^2 /NDF:8.8/15

Left: -23.426 $\pm$ 17.877 χ^2 /NDF: 32.1/32

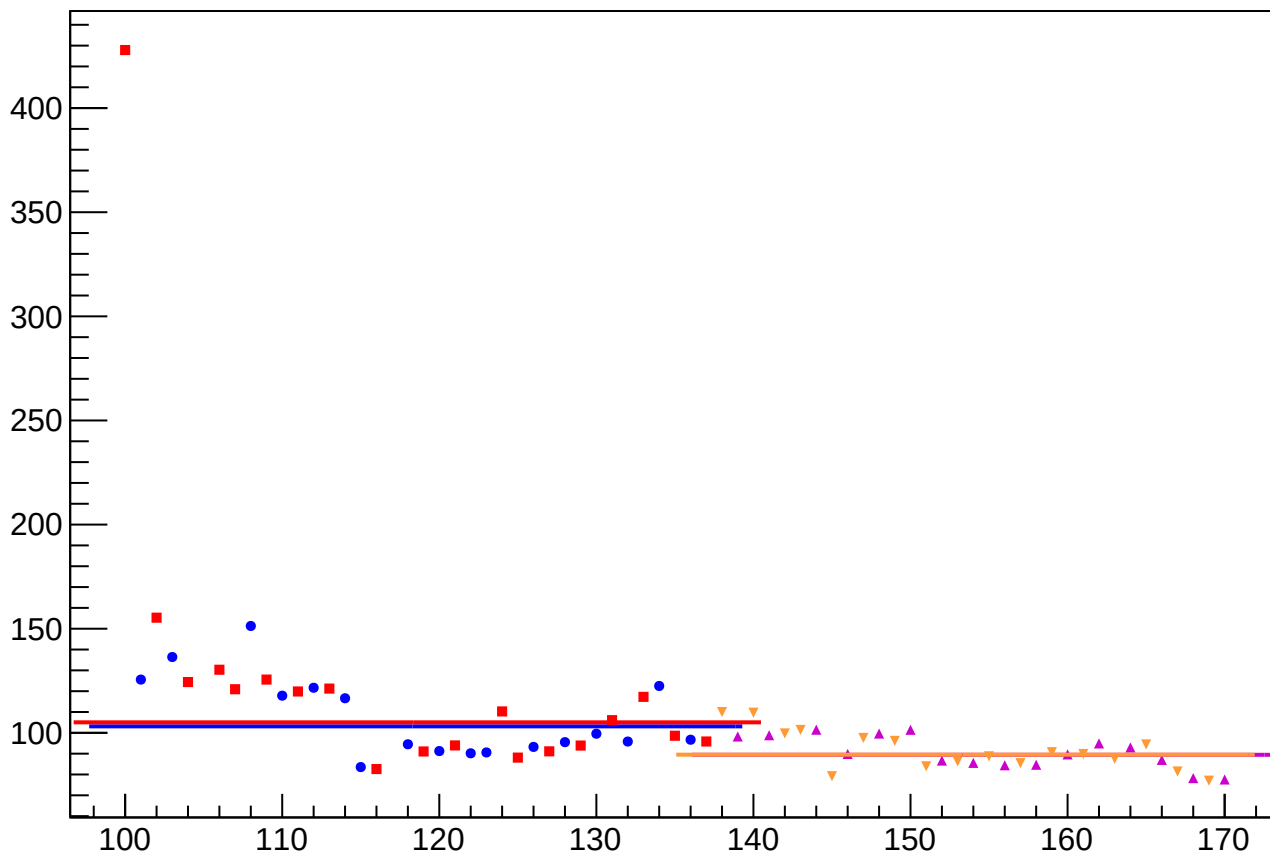
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 26.156 $\pm$ 21.499 χ^2 /NDF:36.6/32

Out: 31.786 $\pm$ 21.346 χ^2 /NDF:53.2/35

All: 28.991 $\pm$ 15.148 χ^2 /NDF: 89.8/68

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: 89.523 $\pm$ 0.018 χ^2 /NDF:251555.1/16

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 89.452 $\pm$ 0.018 χ^2 /NDF:186405.5/15

Left: 89.488 $\pm$ 0.013 χ^2 /NDF: 437968.4/32

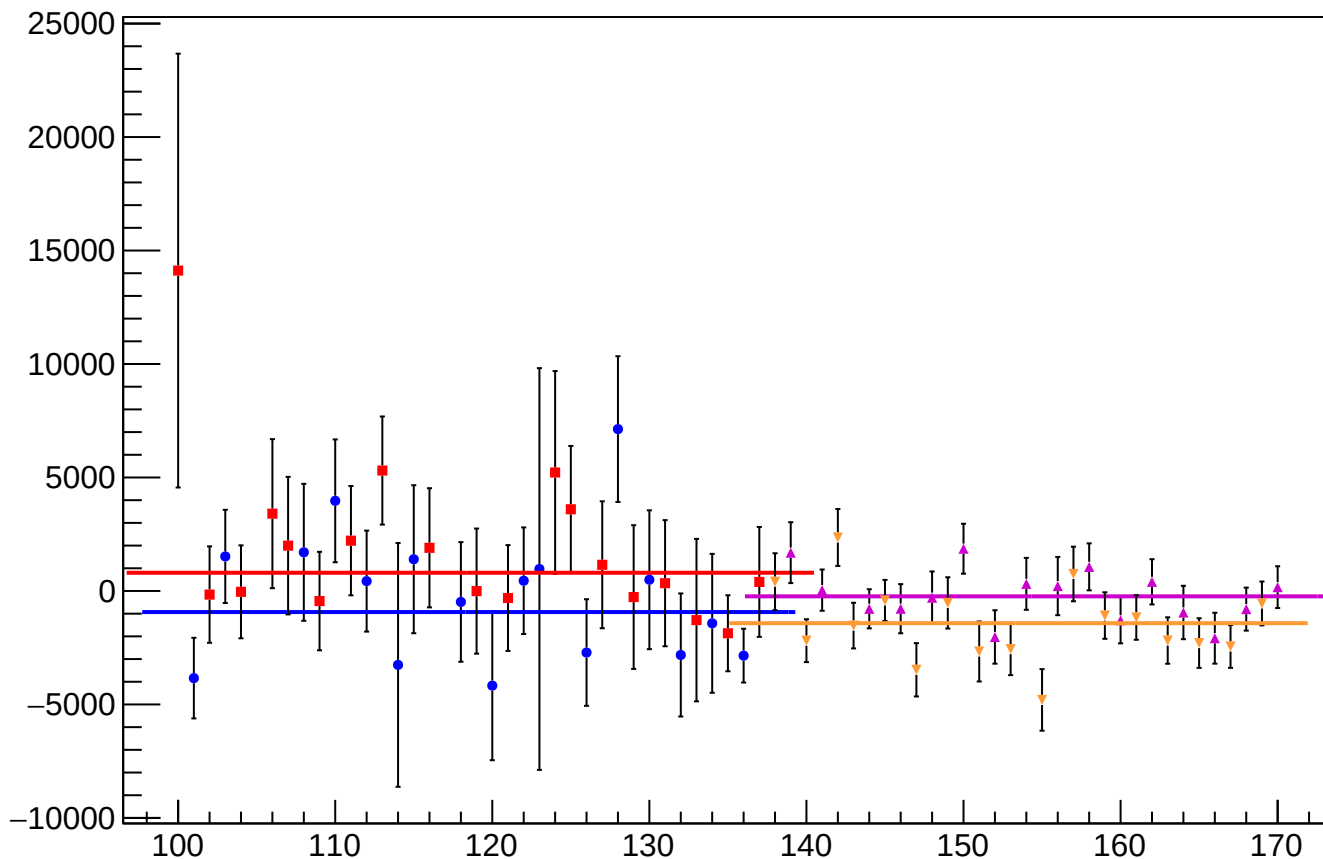
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 93.329 $\pm$ 0.015 χ^2 /NDF:656941.1/32

Out: 93.874 $\pm$ 0.015 χ^2 /NDF:913588.8/35

All: 93.603 $\pm$ 0.011 χ^2 /NDF: 1571178.1/68

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: -1418.909 $\pm$ 261.157 χ^2 /NDF:31.5/16

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -236.744 $\pm$ 263.956 χ^2 /NDF:15.8/15

Left: -834.128 $\pm$ 185.648 χ^2 /NDF: 57.4/32

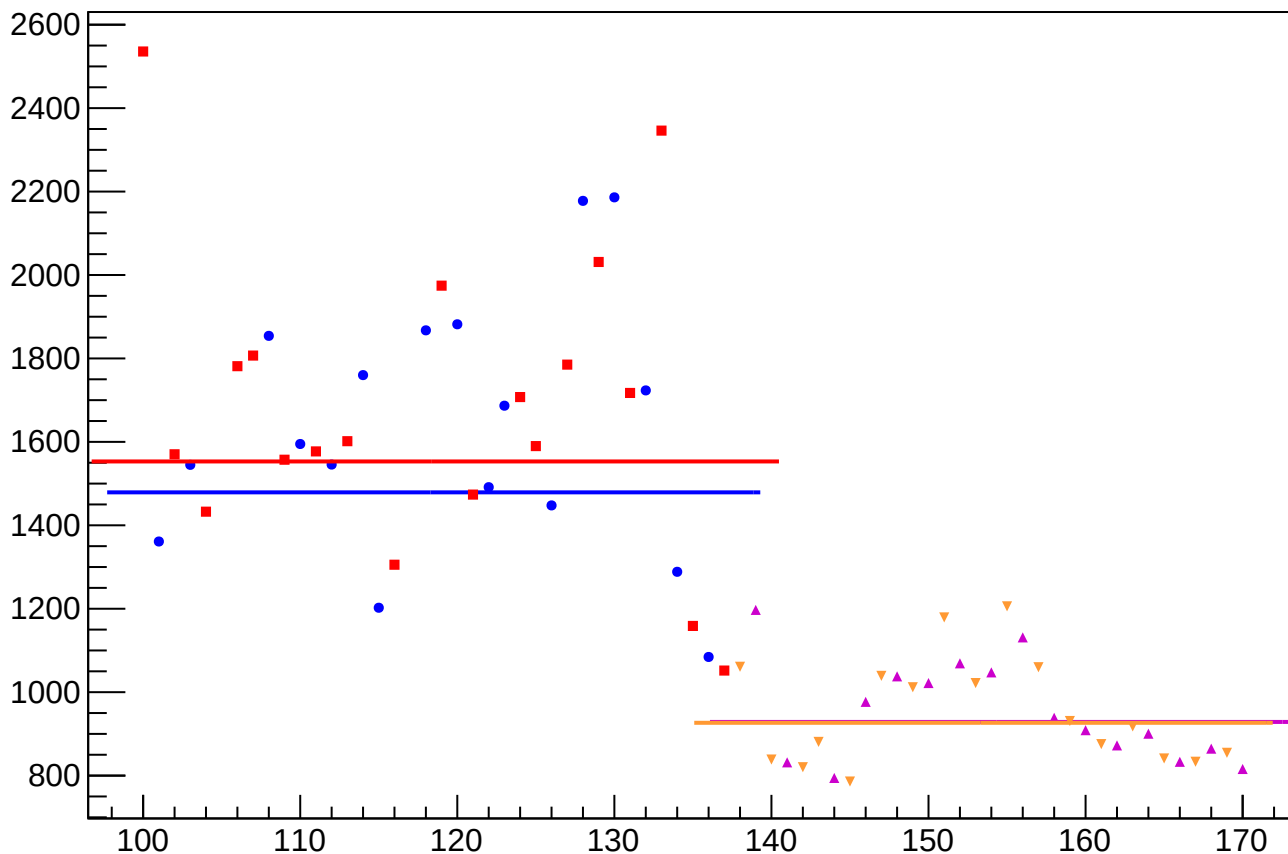
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -353.177 $\pm$ 240.735 χ^2 /NDF:37.8/32

Out: -1058.818 $\pm$ 239.059 χ^2 /NDF:56.1/35

All: -708.462 $\pm$ 169.630 χ^2 /NDF: 98.3/68

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: 926.608 $\pm$ 0.185 χ^2 /NDF: 381763.0/16

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 928.658 $\pm$ 0.187 χ^2 /NDF: 349693.5/15

Left: 927.622 $\pm$ 0.131 χ^2 /NDF: 731517.5/32

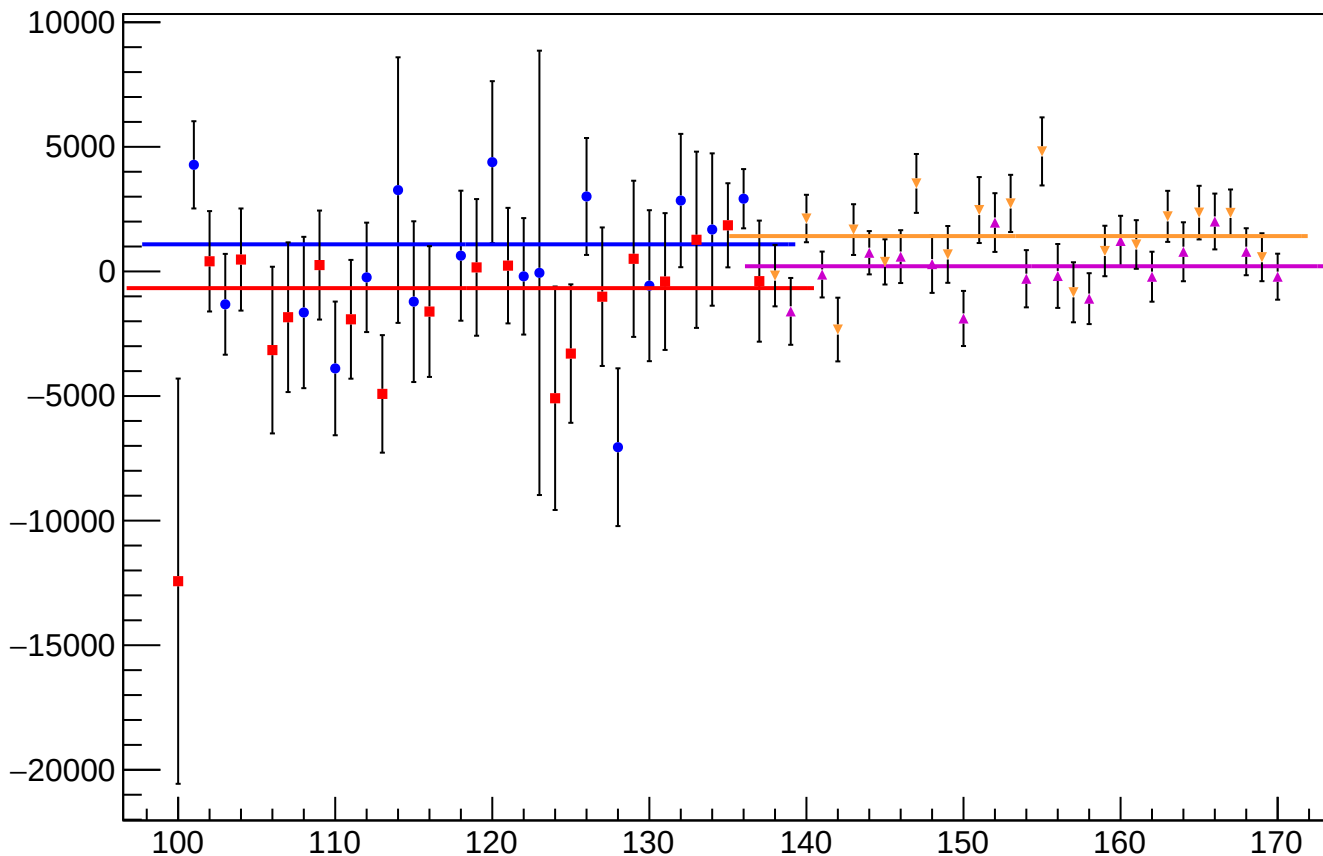
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1021.229 $\pm$ 0.170 χ^2 /NDF: 2401713.3/32

Out: 1028.142 $\pm$ 0.169 χ^2 /NDF: 2730788.3/35

All: 1024.710 $\pm$ 0.120 χ^2 /NDF: 5133332.0/68

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: 1418.596 $\pm$ 261.308 χ^2 /NDF:31.0/16

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 208.531 $\pm$ 263.975 χ^2 /NDF:14.8/15

Left: 819.707 $\pm$ 185.708 χ^2 /NDF: 56.4/32

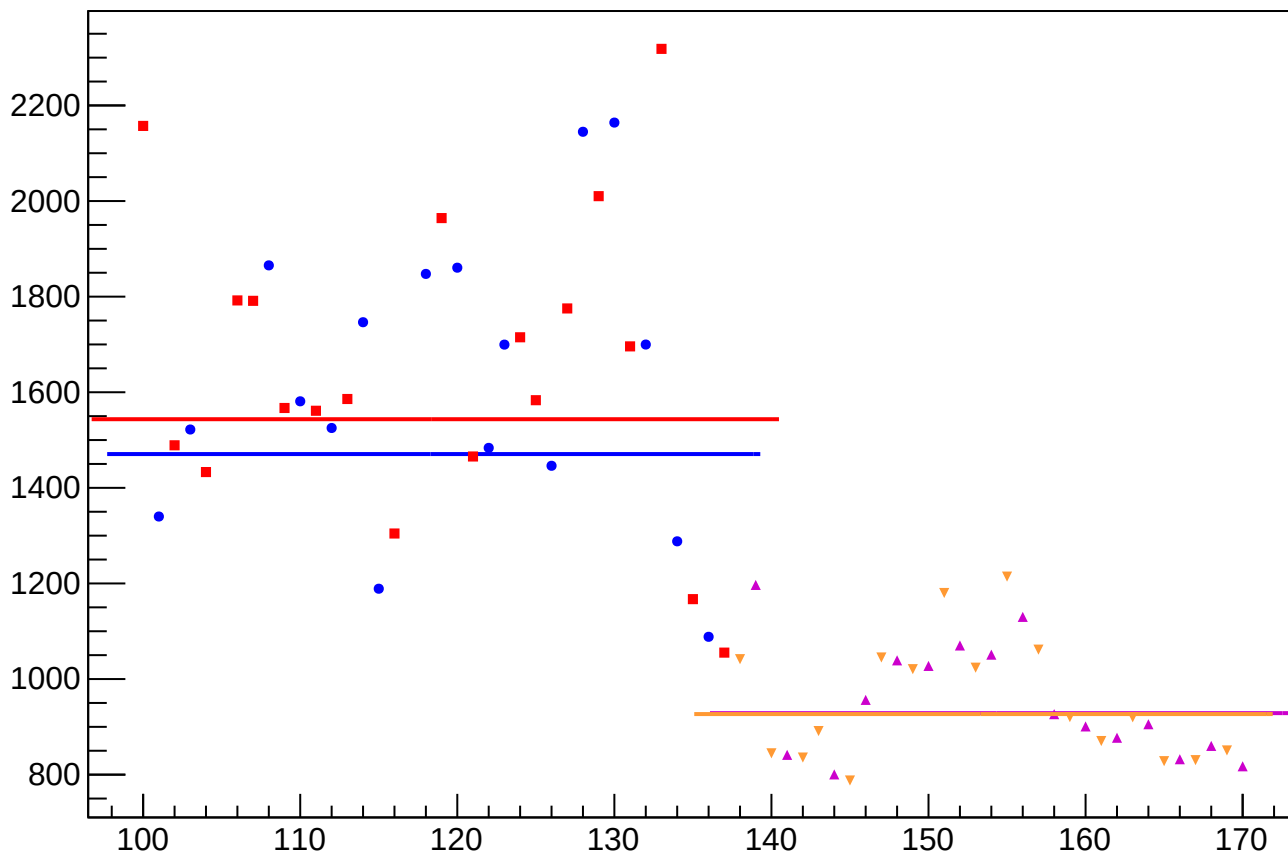
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 358.019 $\pm$ 240.496 χ^2 /NDF:38.5/32

Out: 1076.052 $\pm$ 238.923 χ^2 /NDF:53.5/35

All: 719.391 $\pm$ 169.497 χ^2 /NDF: 96.5/68

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 926.739 $\pm$ 0.185 χ^2 /NDF: 383707.7/16

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 928.693 $\pm$ 0.187 χ^2 /NDF: 339958.2/15

Left: 927.706 $\pm$ 0.131 χ^2 /NDF: 723721.3/32

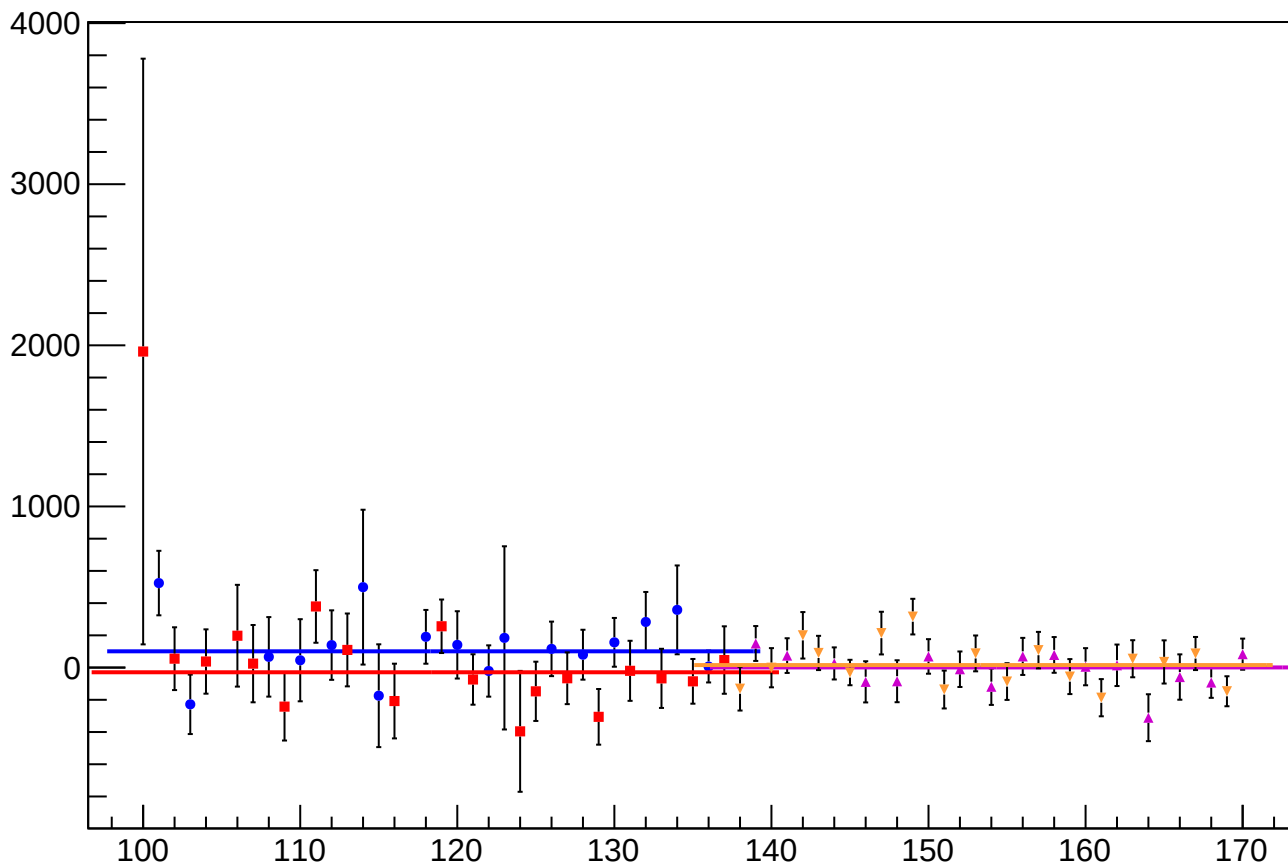
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1020.819 $\pm$ 0.170 χ^2 /NDF: 2340790.4/32

Out: 1027.898 $\pm$ 0.169 χ^2 /NDF: 2665673.3/35

All: 1024.382 $\pm$ 0.120 χ^2 /NDF: 5007335.7/68

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: 15.524 ± 27.044 $\chi^2/\text{NDF}: 24.1/16$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.884 ± 28.300 $\chi^2/\text{NDF}: 12.2/15$

Left: 8.536 ± 19.552 $\chi^2/\text{NDF}: 36.4/32$

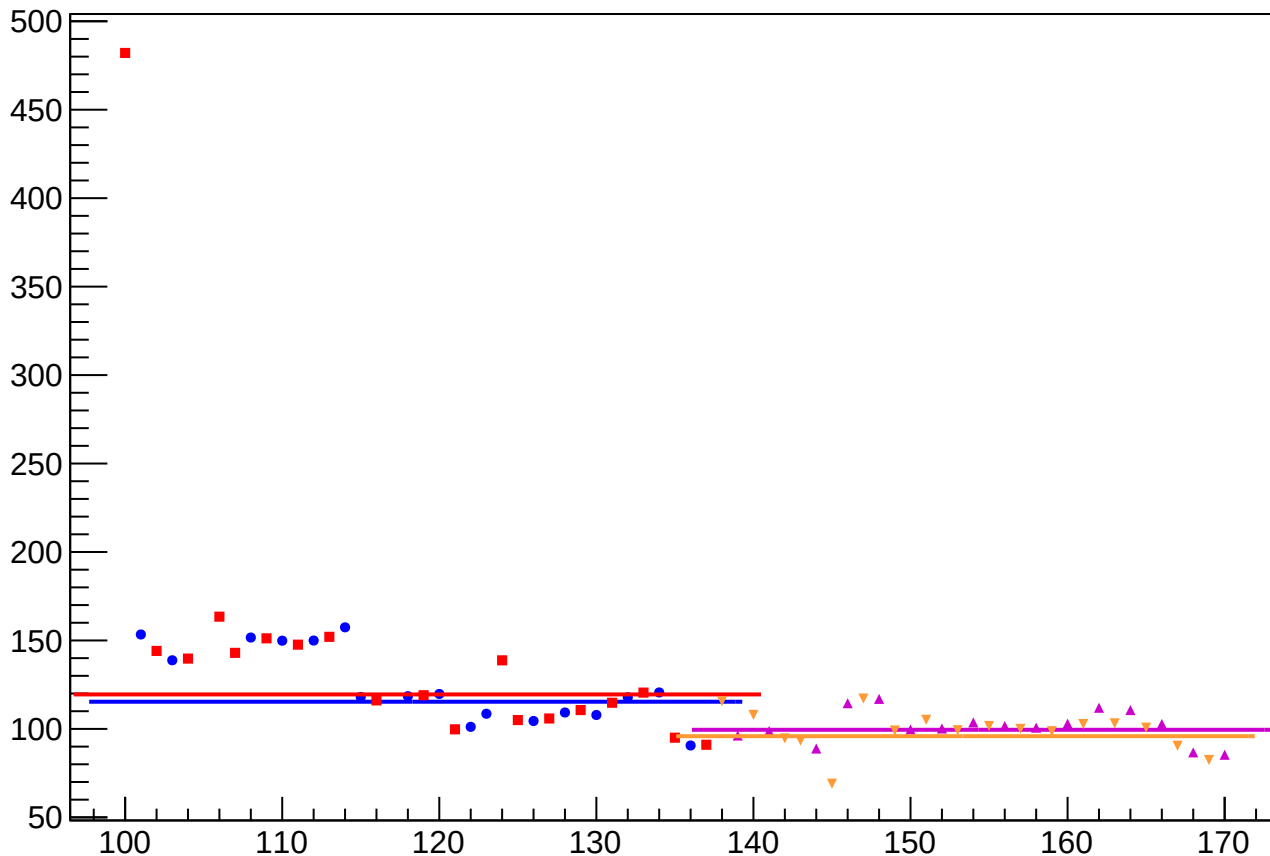
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 28.981 ± 23.999 $\chi^2/\text{NDF}: 28.7/32$

Out: 3.935 ± 23.273 $\chi^2/\text{NDF}: 39.5/35$

All: 16.073 ± 16.707 $\chi^2/\text{NDF}: 68.8/68$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 χ^2/NDF : 411362.6/16

Left Out: 95.885 ± 0.019 χ^2/NDF : 436689.8/16

Right Out: 119.492 ± 0.032 χ^2/NDF : 477965.0/18

Left In: 99.502 ± 0.020 χ^2/NDF : 204048.3/15

Left: 97.611 ± 0.014 χ^2/NDF : 657818.8/32

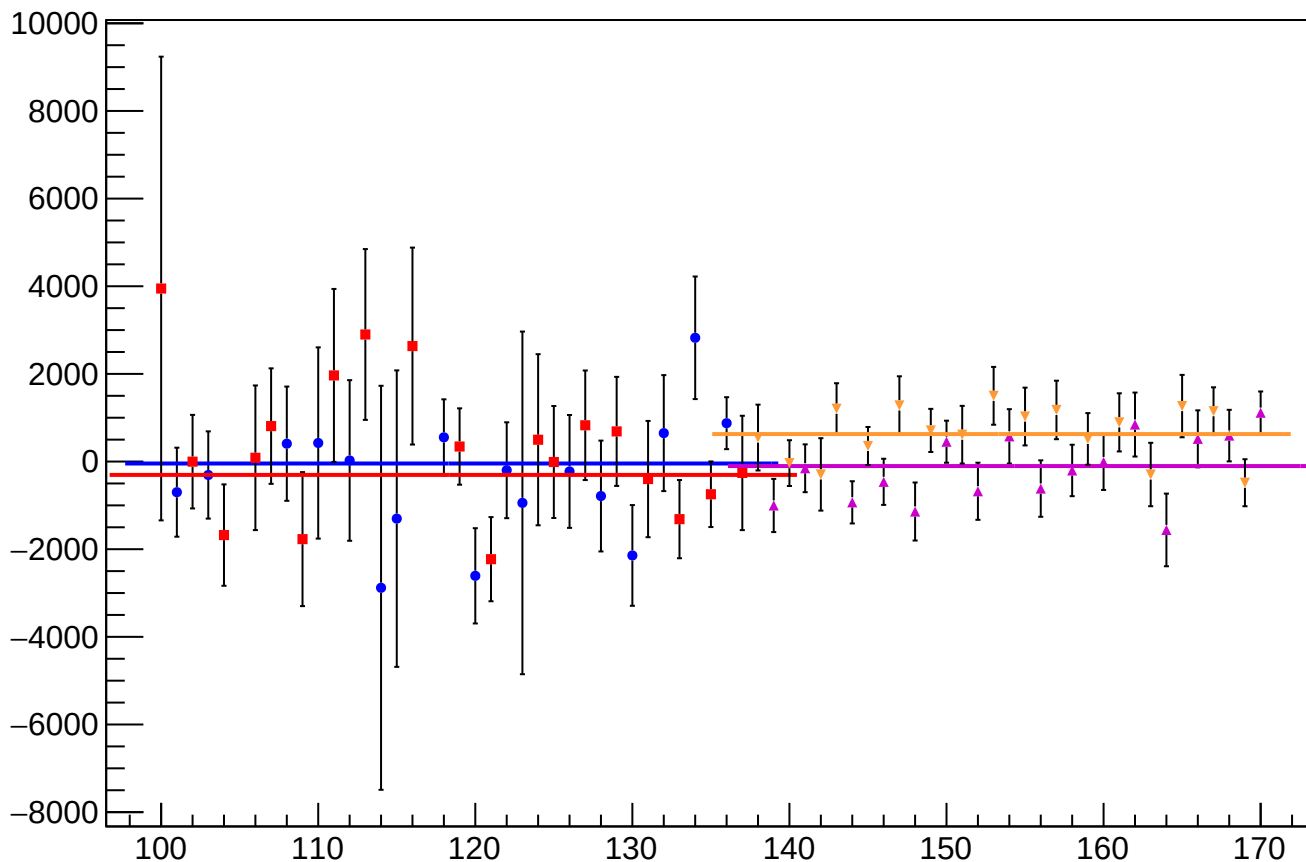
Right: 117.411 ± 0.023 χ^2/NDF : 897552.7/35

In: 103.958 ± 0.017 χ^2/NDF : 791928.7/32

Out: 102.009 ± 0.016 χ^2/NDF : 1309984.7/35

All: 102.953 ± 0.012 χ^2/NDF : 2108714.9/68

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 626.890 ± 146.447 $\chi^2/\text{NDF}: 15.9/16$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -102.930 ± 147.132 $\chi^2/\text{NDF}: 25.5/15$

Left: 263.682 ± 103.795 $\chi^2/\text{NDF}: 53.7/32$

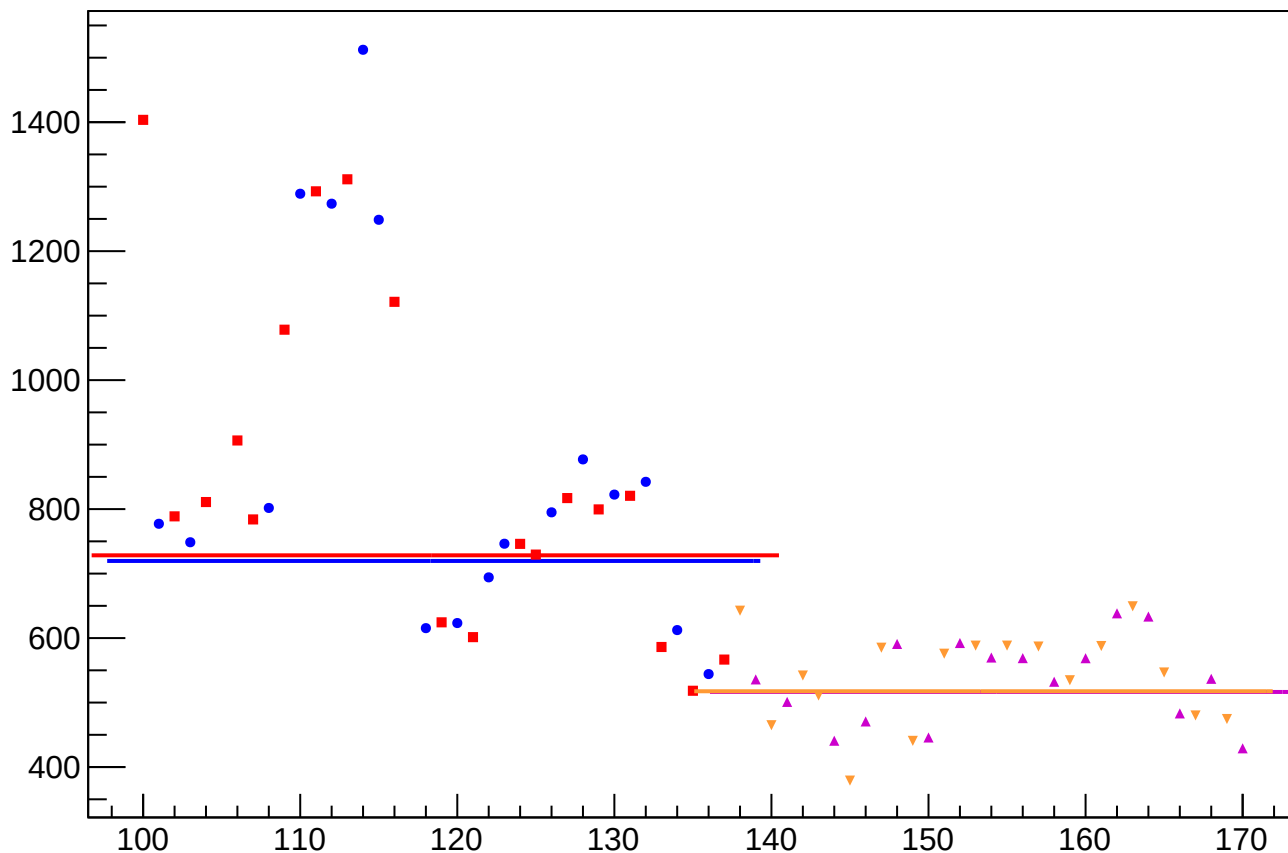
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -90.733 ± 130.861 $\chi^2/\text{NDF}: 43.4/32$

Out: 429.774 ± 130.036 $\chi^2/\text{NDF}: 41.9/35$

All: 171.167 ± 92.240 $\chi^2/\text{NDF}: 93.2/68$

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: 517.531 $\pm$ 0.104 χ^2 /NDF: 551082.8/16

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 516.446 $\pm$ 0.104 χ^2 /NDF: 375157.8/15

Left: 516.991 $\pm$ 0.073 χ^2 /NDF: 926295.3/32

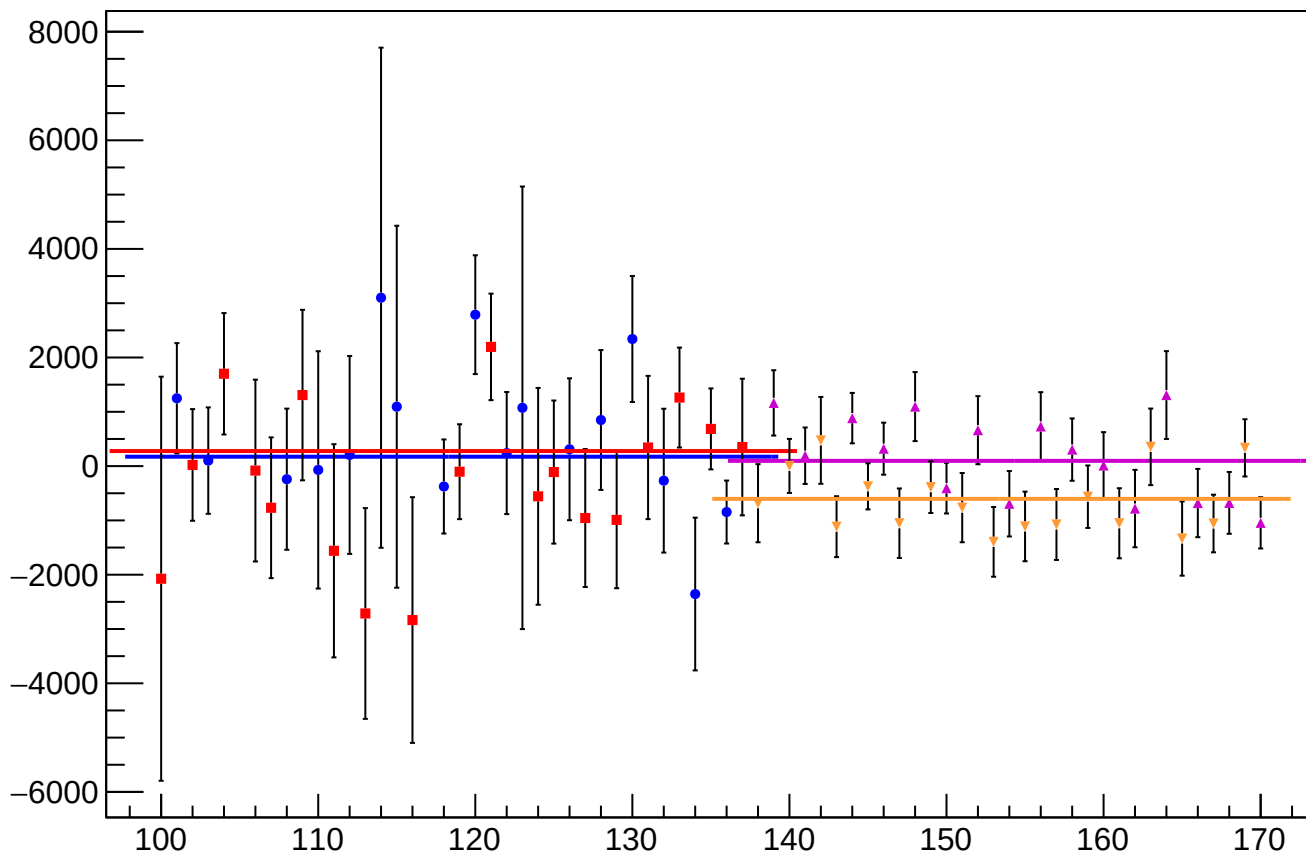
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 558.895 $\pm$ 0.093 χ^2 /NDF: 1918853.4/32

Out: 562.130 $\pm$ 0.092 χ^2 /NDF: 2341460.1/35

All: 560.522 $\pm$ 0.065 χ^2 /NDF: 4260928.6/68

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: -603.249 $\pm$ 142.143 χ^2/NDF :15.3/16

Right Out: 277.145 $\pm$ 282.726 χ^2/NDF : 16.0/18

Left In: 96.750 $\pm$ 141.985 χ^2/NDF :26.6/15

Left: -252.862 $\pm$ 100.454 χ^2/NDF : 54.0/32

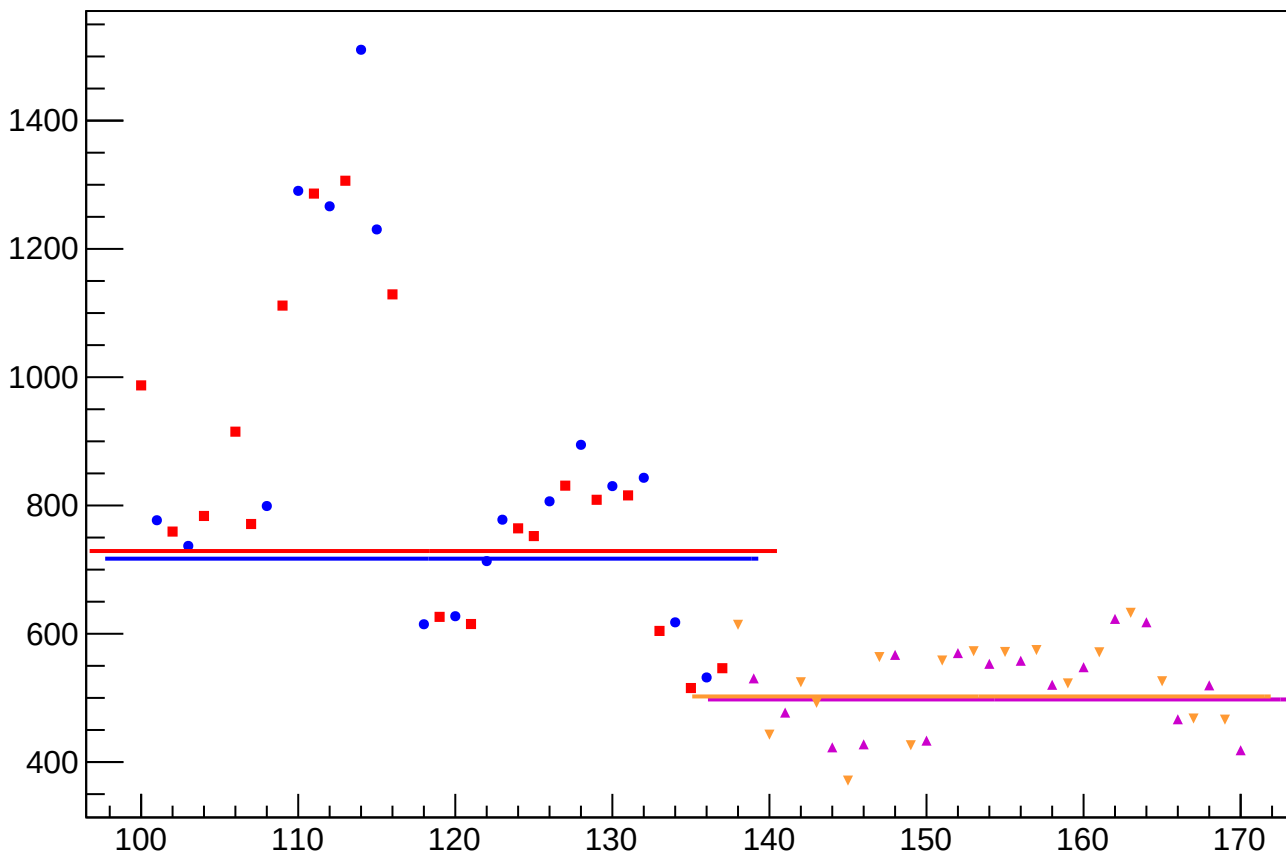
Right: 225.702 $\pm$ 200.951 χ^2/NDF : 34.2/35

In: 111.891 $\pm$ 127.147 χ^2/NDF :44.7/32

Out: -425.615 $\pm$ 126.996 χ^2/NDF :39.0/35

All: -157.181 $\pm$ 89.853 χ^2/NDF : 92.7/68

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 502.261+/-0.101 χ^2/NDF : 540578.4/16

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 497.588+/-0.100 χ^2/NDF : 413893.6/15

Left: 499.922+/-0.071 χ^2/NDF : 955554.1/32

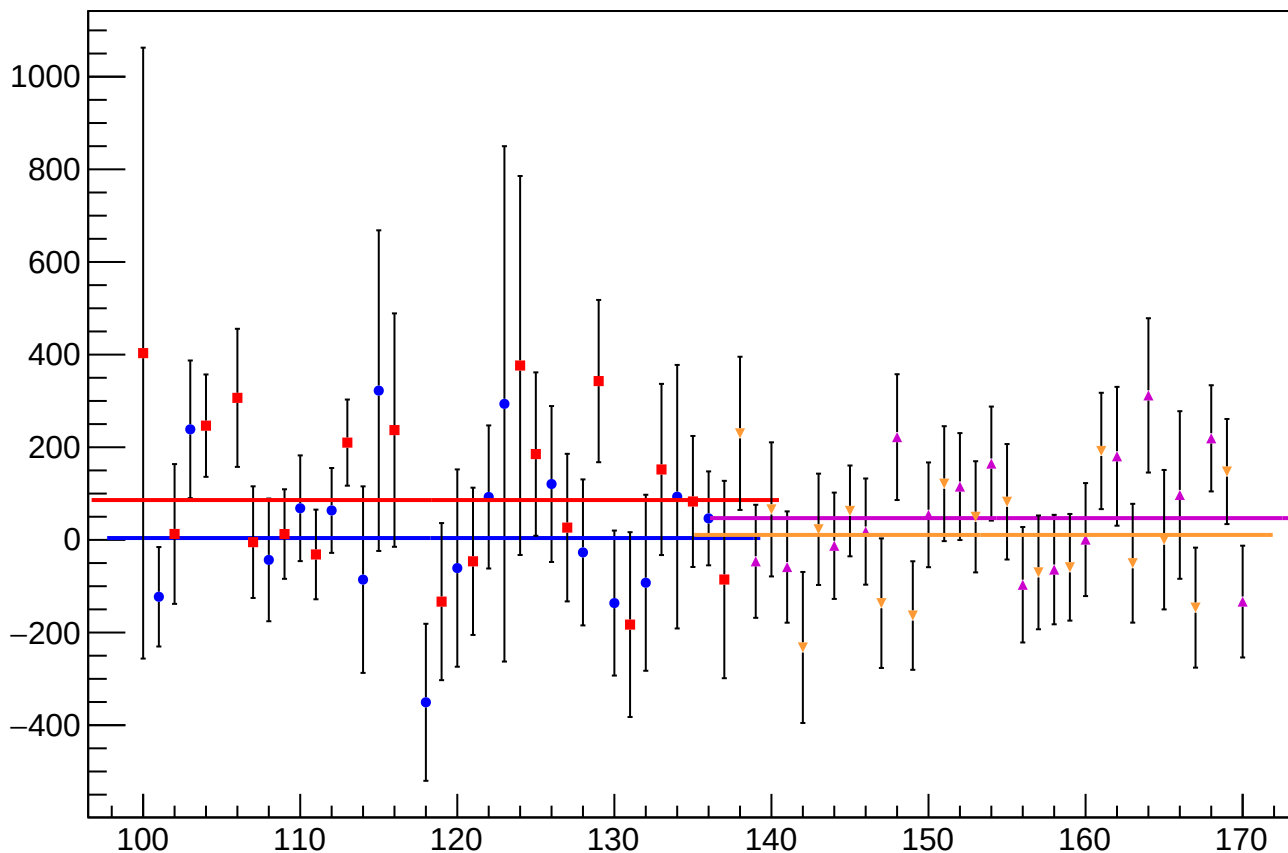
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 541.069+/-0.090 χ^2/NDF : 2143157.8/32

Out: 548.007+/-0.090 χ^2/NDF : 2457991.5/35

All: 544.542+/-0.064 χ^2/NDF : 4604130.9/68

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: 10.744 ± 30.639 $\chi^2/\text{NDF}: 15.0/16$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 47.031 ± 31.295 $\chi^2/\text{NDF}: 14.9/15$

Left: 28.503 ± 21.893 $\chi^2/\text{NDF}: 30.6/32$

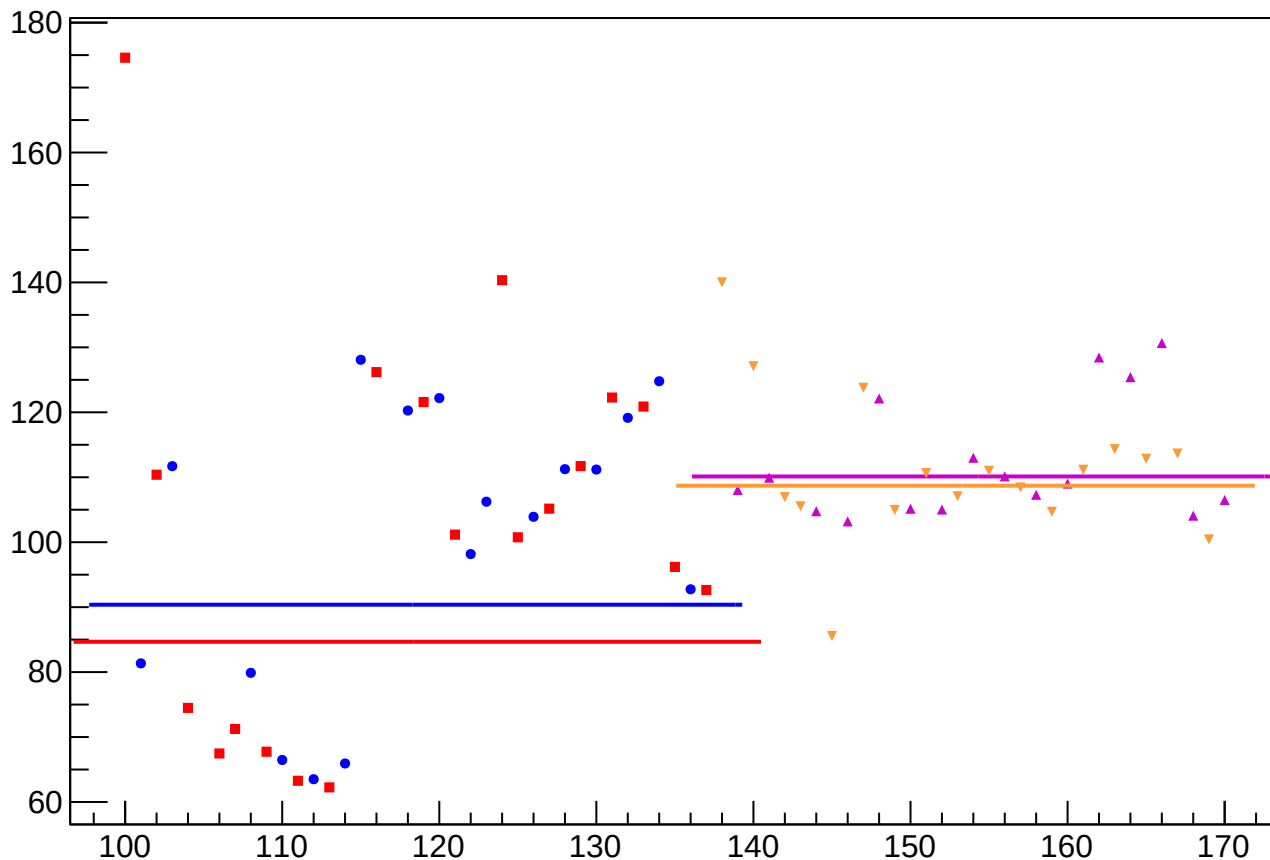
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 28.485 ± 23.604 $\chi^2/\text{NDF}: 28.4/32$

Out: 45.176 ± 22.569 $\chi^2/\text{NDF}: 35.4/35$

All: 37.205 ± 16.312 $\chi^2/\text{NDF}: 64.0/68$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.702+/-0.022 χ^2/NDF : 266046.1/16

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 110.121+/-0.022 χ^2/NDF : 117879.0/15

Left: 109.396+/-0.015 χ^2/NDF : 386025.8/32

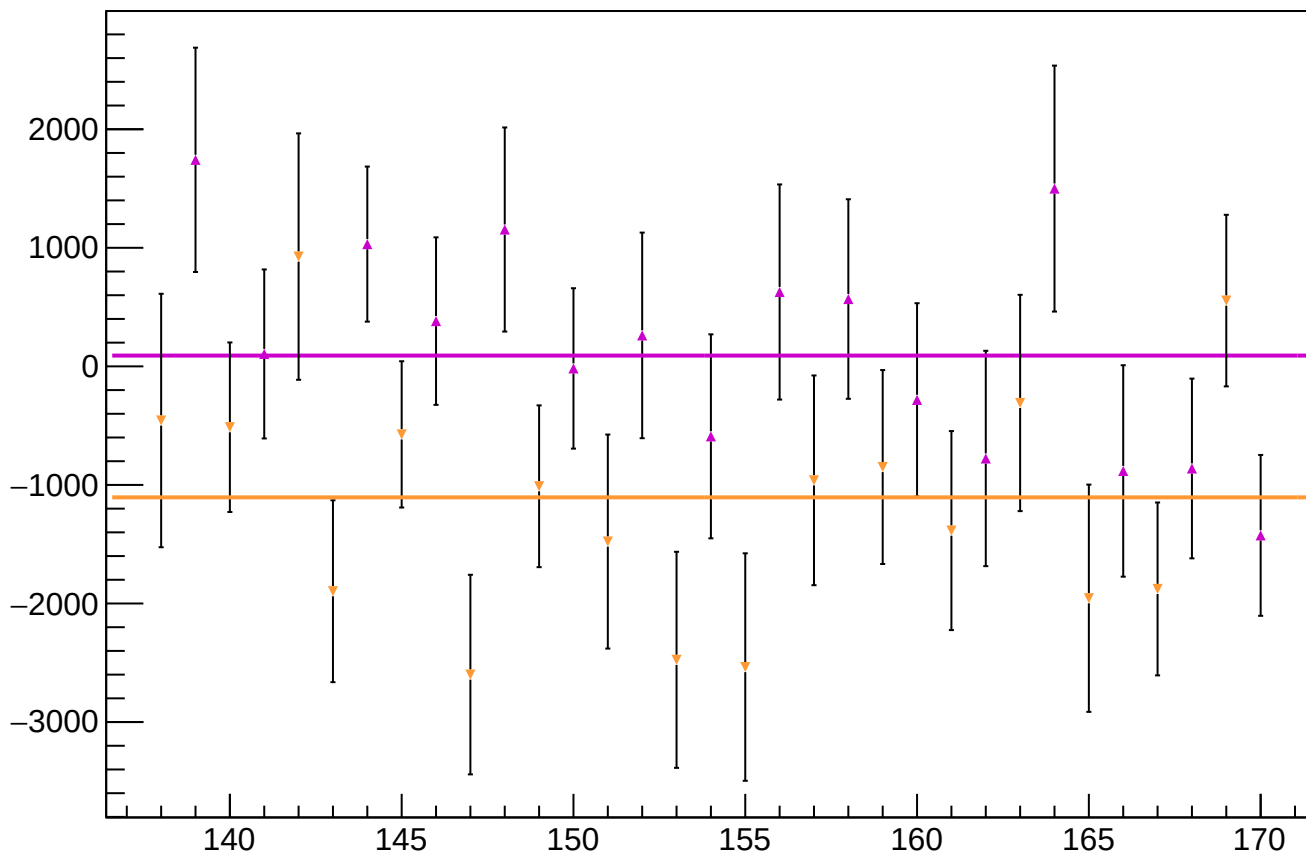
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 101.609+/-0.017 χ^2/NDF : 1115276.2/32

Out: 97.711+/-0.016 χ^2/NDF : 1736842.9/35

All: 99.572+/-0.012 χ^2/NDF : 2880611.7/68

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1104.878+/-198.276 χ^2/NDF :22.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 91.044+/-199.646 χ^2/NDF :18.9/15

Left: -511.033+/-140.684 χ^2/NDF : 59.6/32

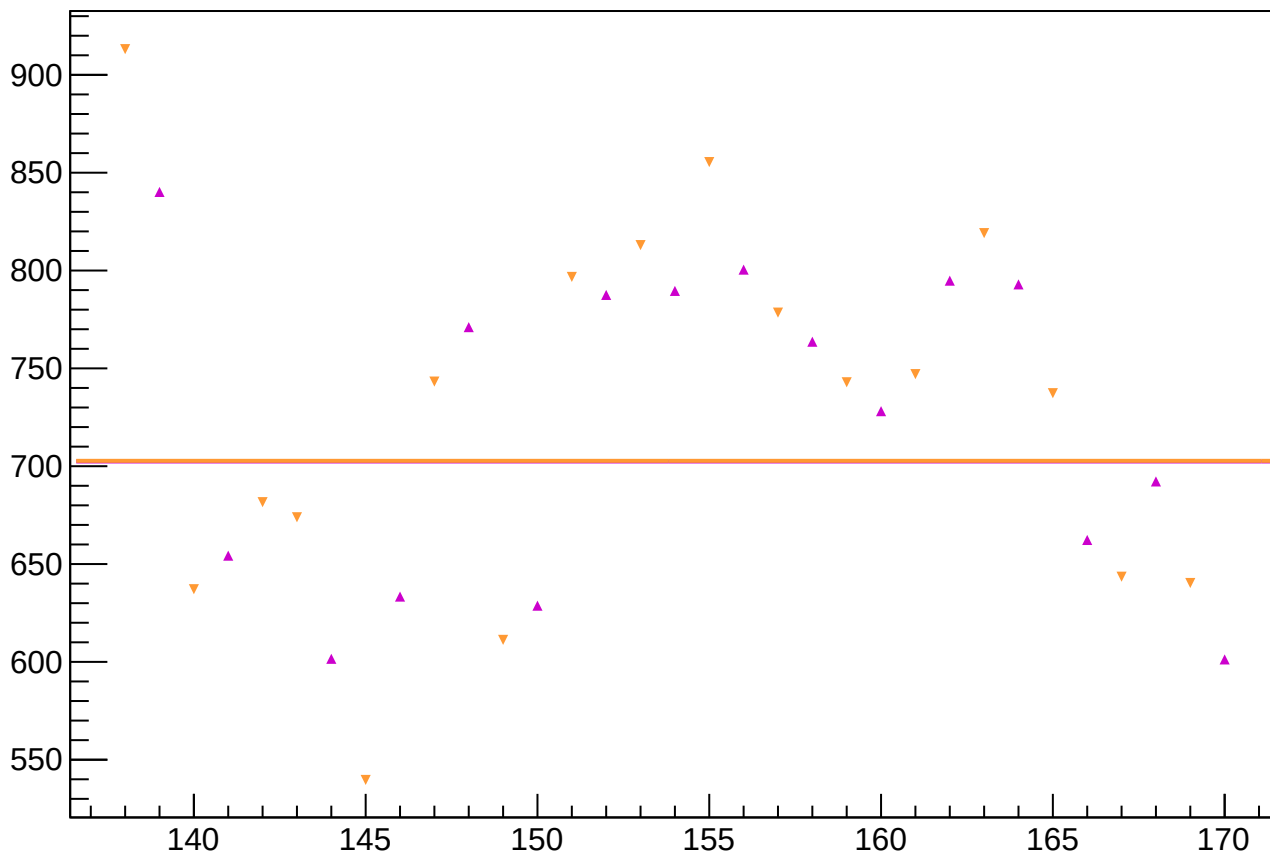
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.044+/-199.646 χ^2/NDF :18.9/15

Out: -1104.878+/-198.276 χ^2/NDF :22.7/16

All: -511.033+/-140.684 χ^2/NDF : 59.6/32

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.751+/-0.140 χ^2/NDF :468257.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 702.427+/-0.141 χ^2/NDF :315187.6/15

Left: 702.590+/-0.099 χ^2/NDF : 783448.1/32

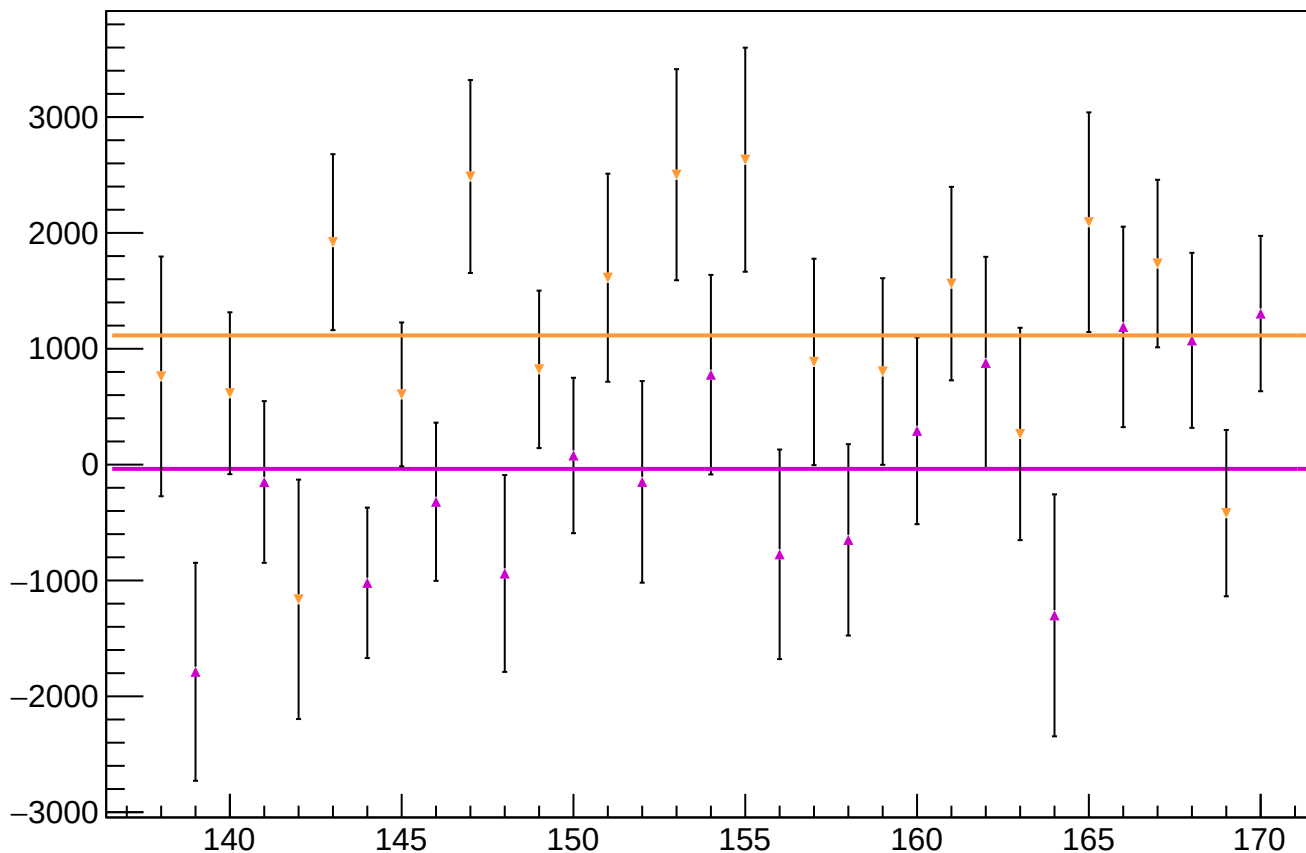
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.427+/-0.141 χ^2/NDF :315187.6/15

Out: 702.751+/-0.140 χ^2/NDF :468257.8/16

All: 702.590+/-0.099 χ^2/NDF : 783448.1/32

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1115.336+/-197.027 χ^2/NDF :23.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.585+/-197.539 χ^2/NDF :20.0/15

Left: 540.872+/-139.500 χ^2/NDF : 60.1/32

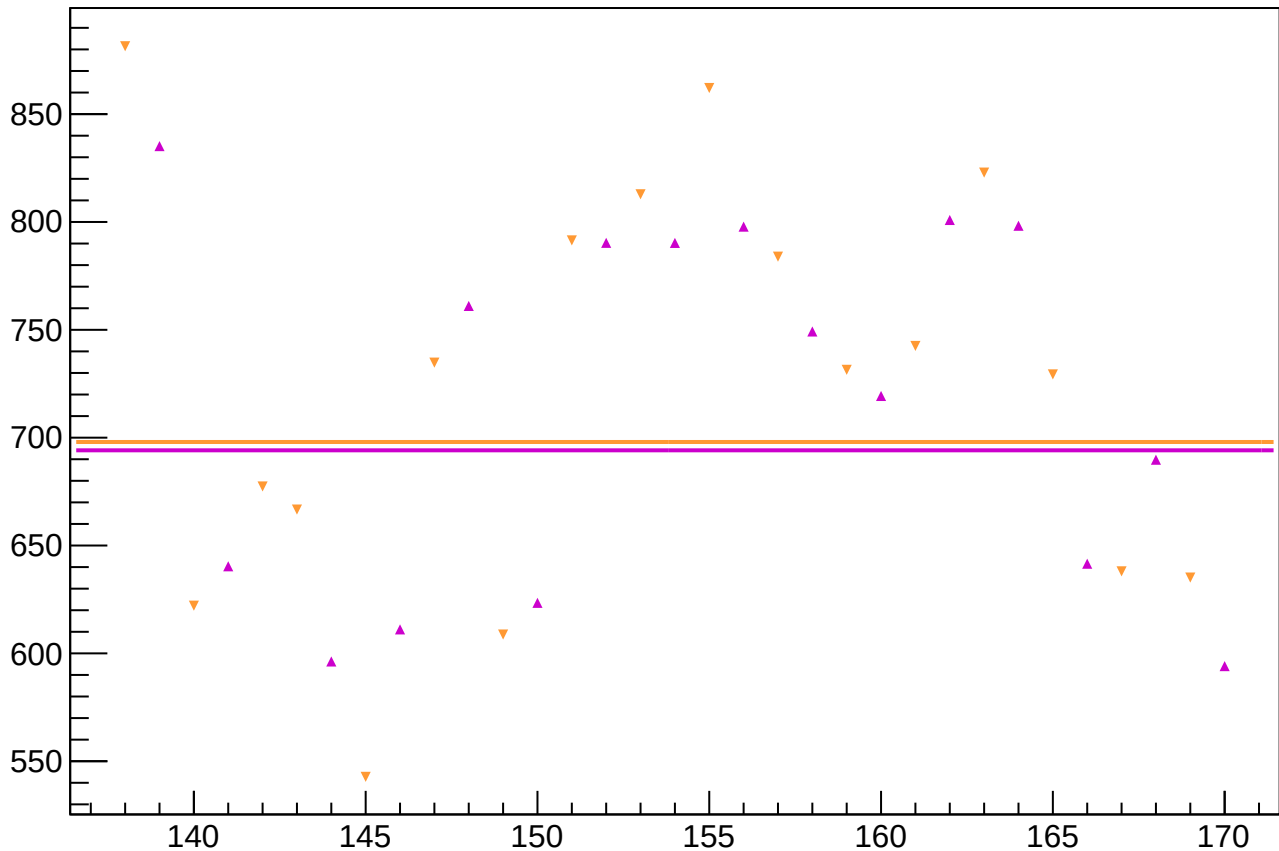
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.585+/-197.539 χ^2/NDF :20.0/15

Out: 1115.336+/-197.027 χ^2/NDF :23.0/16

All: 540.872+/-139.500 χ^2/NDF : 60.1/32

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.000+/-0.139 χ^2/NDF :461254.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 694.136+/-0.140 χ^2/NDF :352046.4/15

Left: 696.073+/-0.099 χ^2/NDF : 813684.9/32

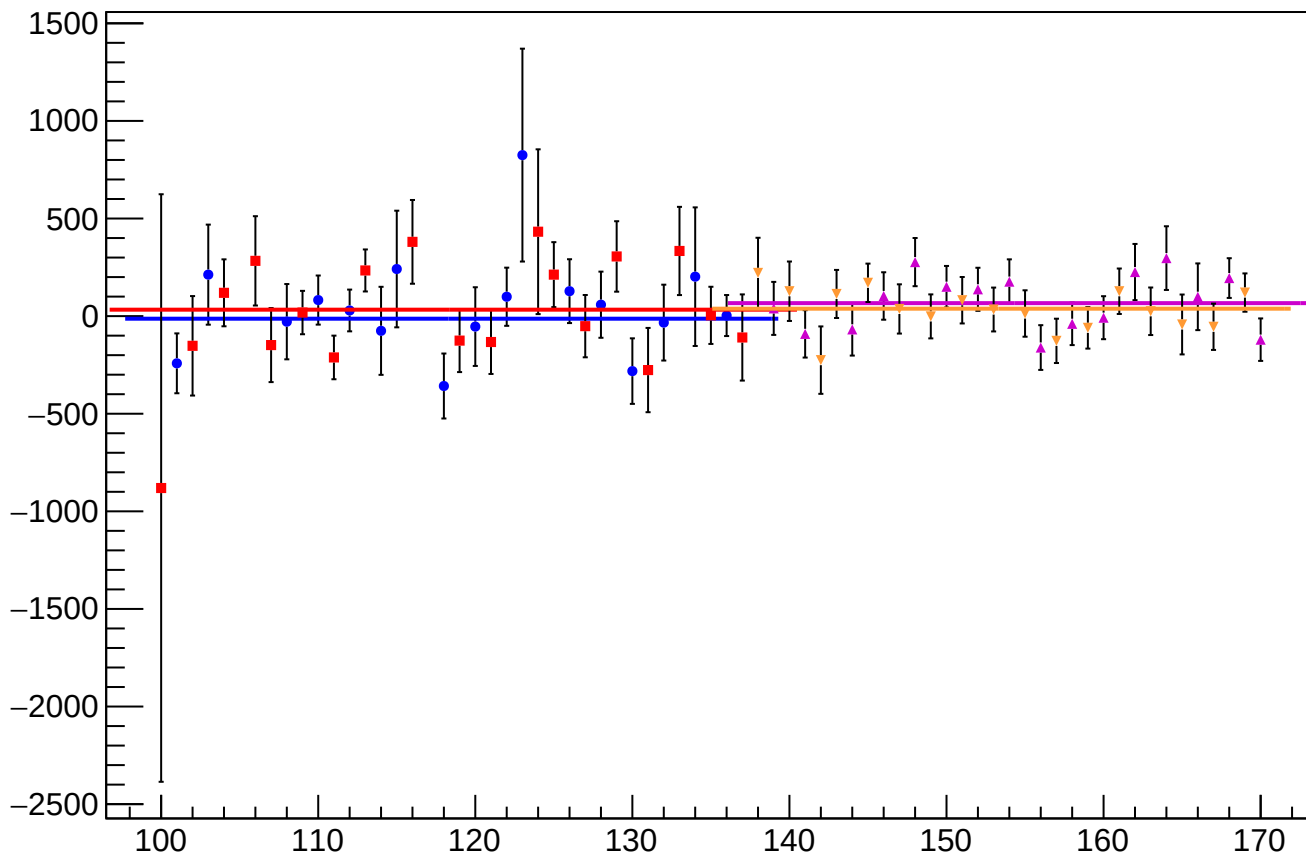
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.136+/-0.140 χ^2/NDF :352046.4/15

Out: 698.000+/-0.139 χ^2/NDF :461254.8/16

All: 696.073+/-0.099 χ^2/NDF : 813684.9/32

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: 38.086 $\pm$ 29.312 χ^2/NDF :11.4/16

Right Out: 33.027 $\pm$ 38.878 χ^2/NDF : 25.1/18

Left In: 66.531 $\pm$ 30.126 χ^2/NDF :20.8/15

Left: 51.919 $\pm$ 21.008 χ^2/NDF : 32.7/32

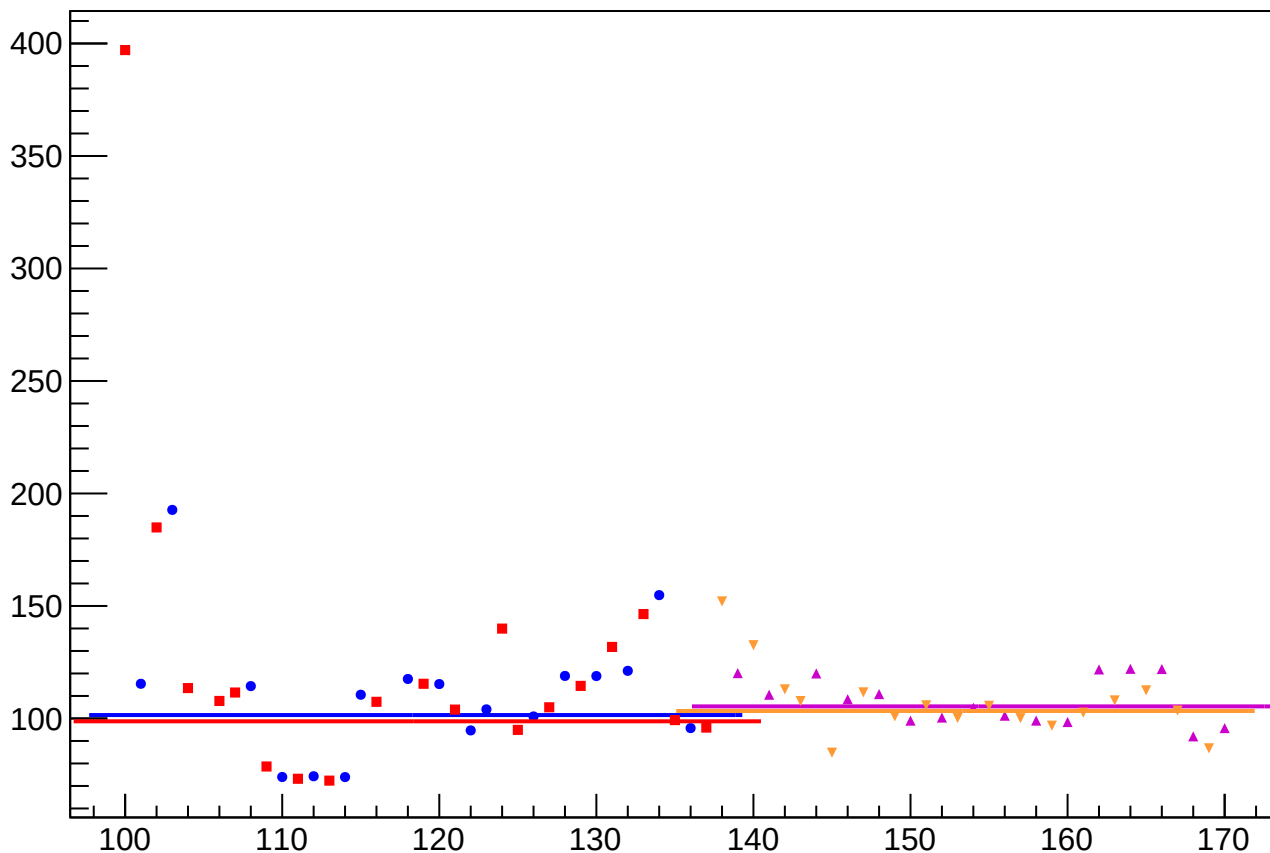
Right: 10.881 $\pm$ 28.065 χ^2/NDF : 41.4/35

In: 38.173 $\pm$ 24.183 χ^2/NDF :39.0/32

Out: 36.253 $\pm$ 23.405 χ^2/NDF :36.4/35

All: 37.181 $\pm$ 16.818 χ^2/NDF : 75.5/68

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 103.332 $\pm$ 0.021 χ^2 /NDF: 389309.7/16

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 105.371 $\pm$ 0.021 χ^2 /NDF: 200969.4/15

Left: 104.323 $\pm$ 0.015 χ^2 /NDF: 594987.5/32

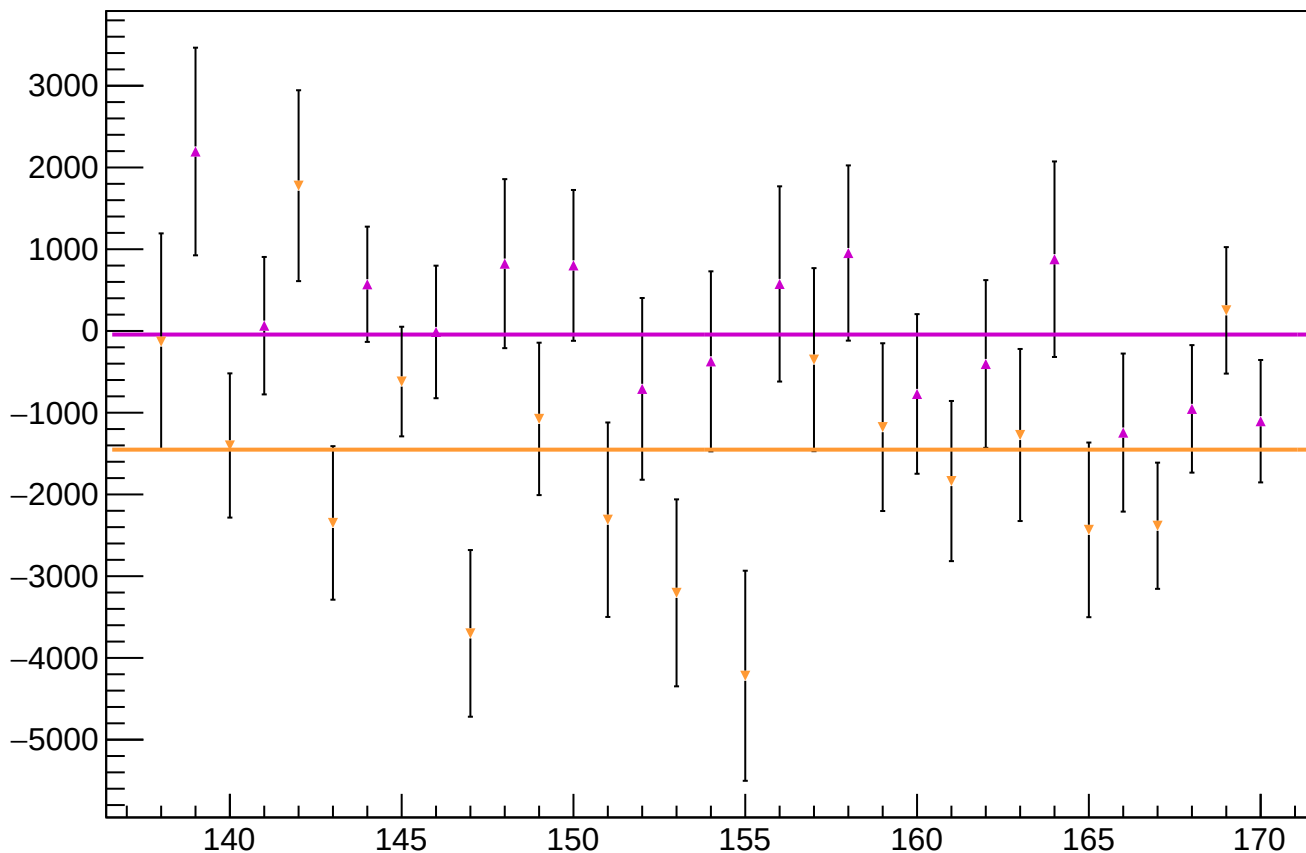
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.001 $\pm$ 0.017 χ^2 /NDF: 894310.5/32

Out: 101.666 $\pm$ 0.017 χ^2 /NDF: 1232760.1/35

All: 102.795 $\pm$ 0.012 χ^2 /NDF: 2136700.2/68

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1451.945+/-235.363 χ^2/NDF :32.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.850+/-235.202 χ^2/NDF :13.2/15

Left: -747.415+/-166.370 χ^2/NDF : 63.1/32

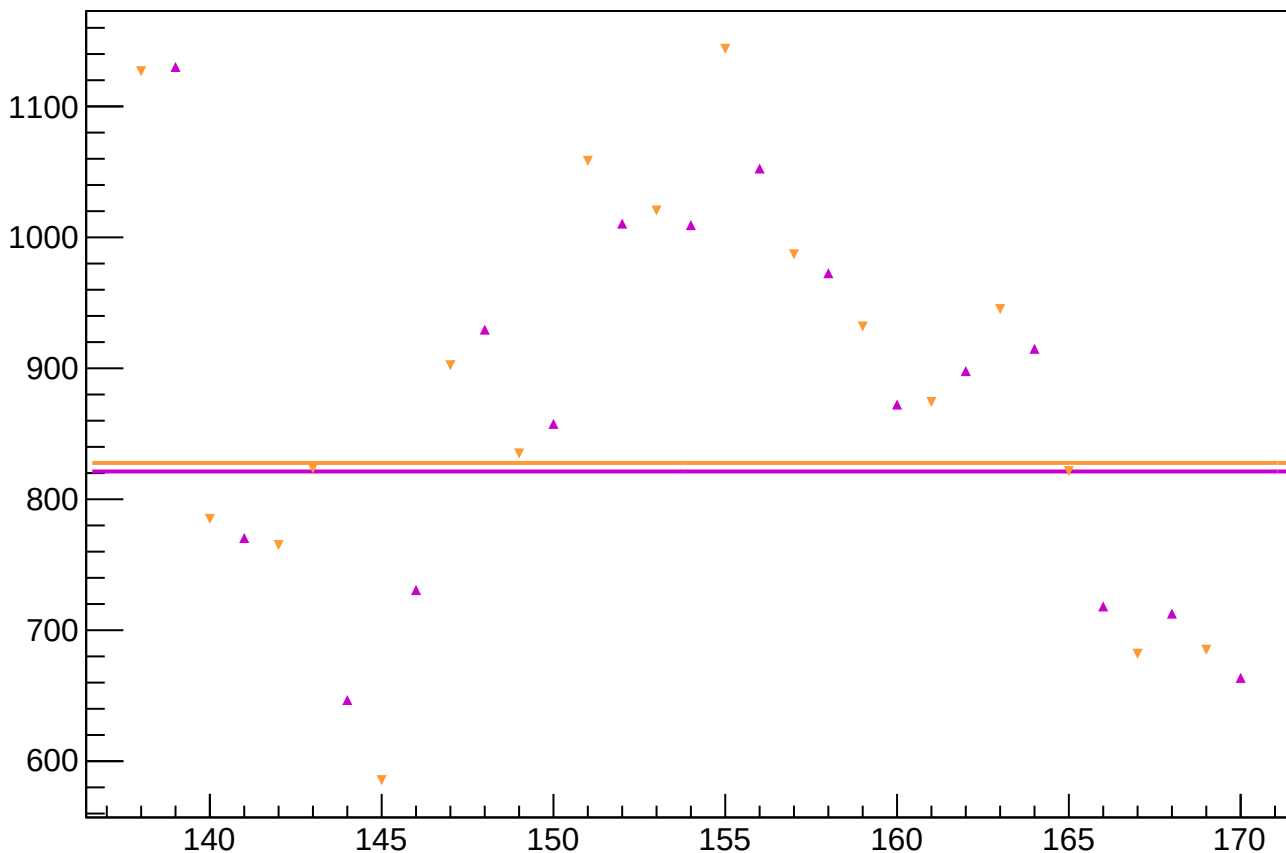
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.850+/-235.202 χ^2/NDF :13.2/15

Out: -1451.945+/-235.363 χ^2/NDF :32.0/16

All: -747.415+/-166.370 χ^2/NDF : 63.1/32

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 827.750+/-0.166 χ^2/NDF : 867408.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 821.211+/-0.166 χ^2/NDF : 708392.6/15

Left: 824.478+/-0.118 χ^2/NDF : 1576573.9/32

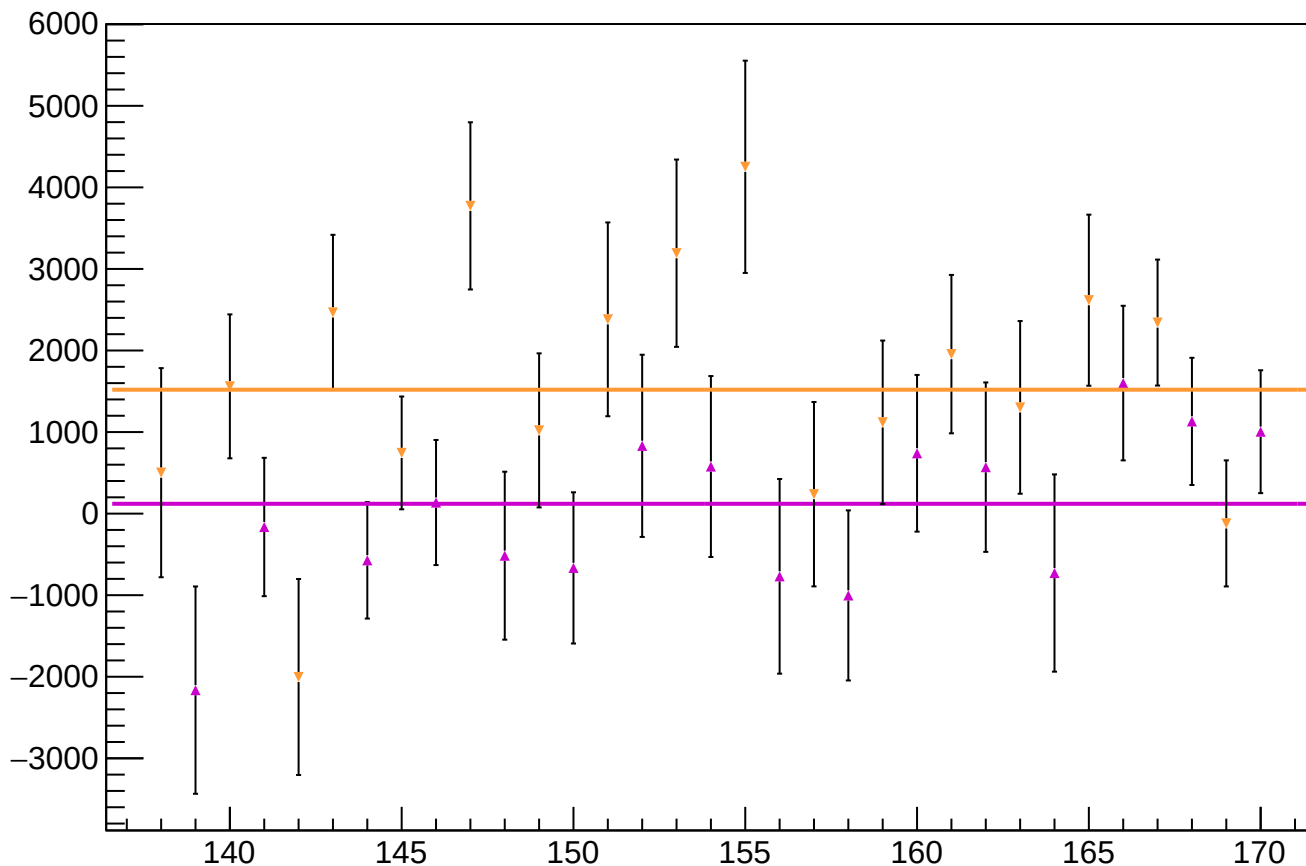
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 821.211+/-0.166 χ^2/NDF : 708392.6/15

Out: 827.750+/-0.166 χ^2/NDF : 867408.8/16

All: 824.478+/-0.118 χ^2/NDF : 1576573.9/32

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1519.505+/-236.355 χ^2/NDF :32.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.558+/-234.224 χ^2/NDF :14.3/15

Left: 813.697+/-166.370 χ^2/NDF : 64.0/32

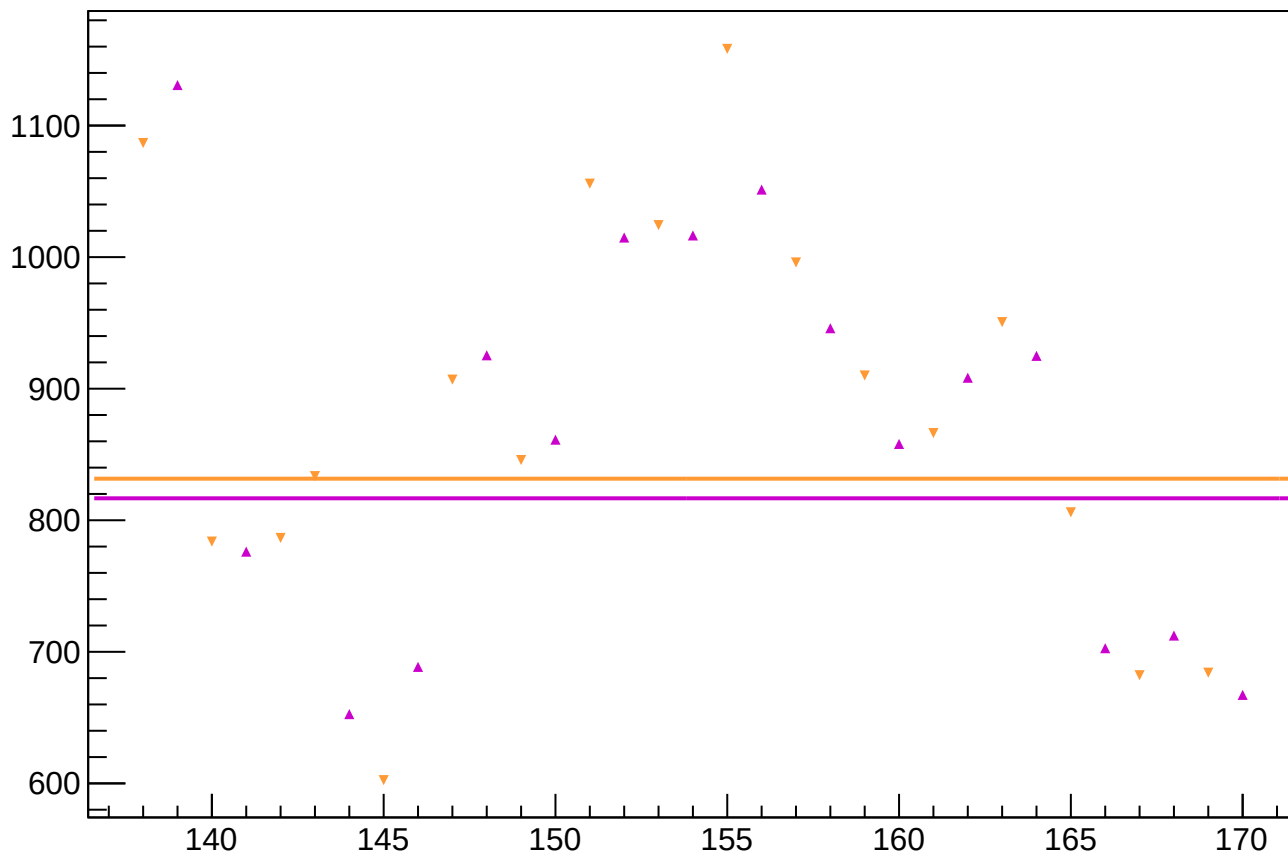
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.558+/-234.224 χ^2/NDF :14.3/15

Out: 1519.505+/-236.355 χ^2/NDF :32.1/16

All: 813.697+/-166.370 χ^2/NDF : 64.0/32

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 831.607+/-0.167 χ^2/NDF : 803548.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Left: 824.078+/-0.118 χ^2/NDF : 1537165.4/32

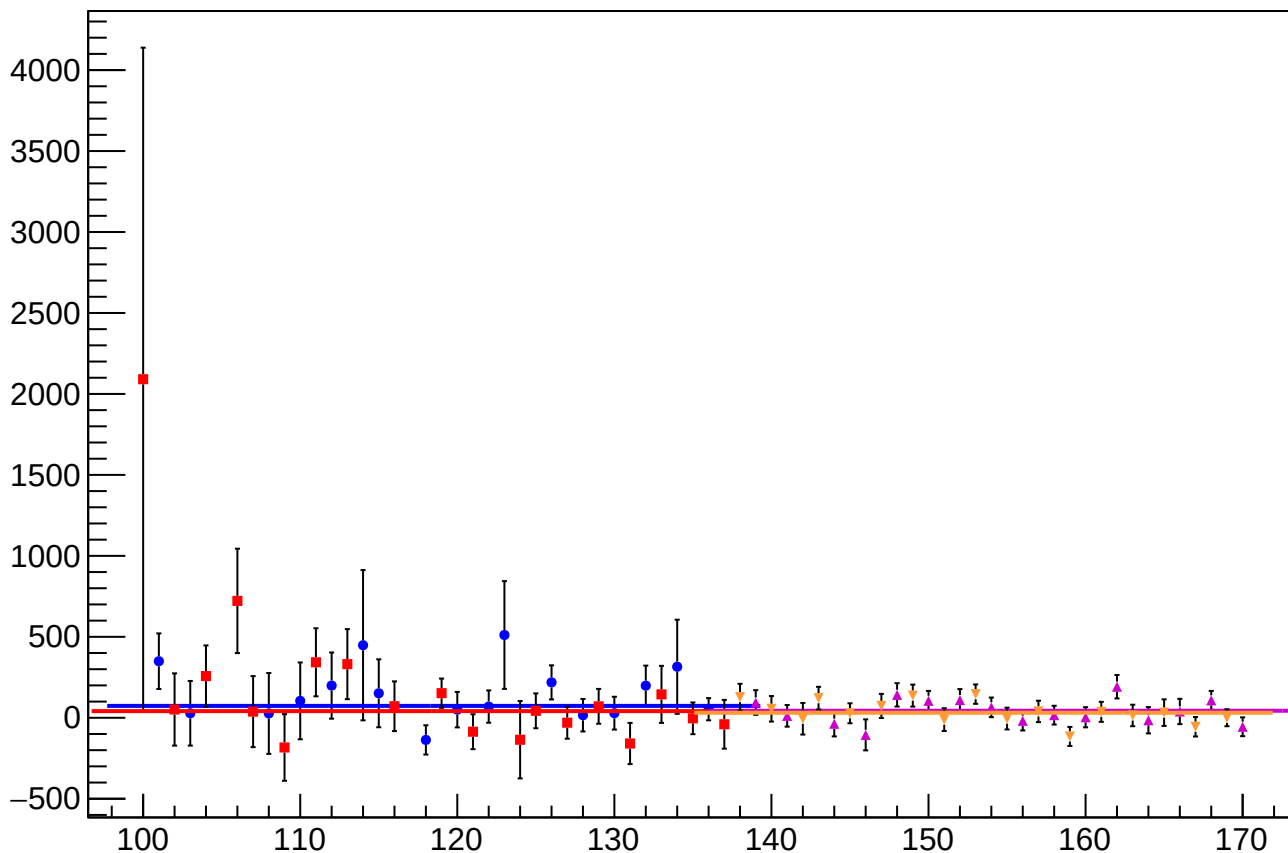
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Out: 831.607+/-0.167 χ^2/NDF : 803548.9/16

All: 824.078+/-0.118 χ^2/NDF : 1537165.4/32

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: 31.121 $\pm$ 16.279 χ^2 /NDF:19.0/16

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 43.440 $\pm$ 16.799 χ^2 /NDF:18.6/15

Left: 37.087 $\pm$ 11.690 χ^2 /NDF: 37.9/32

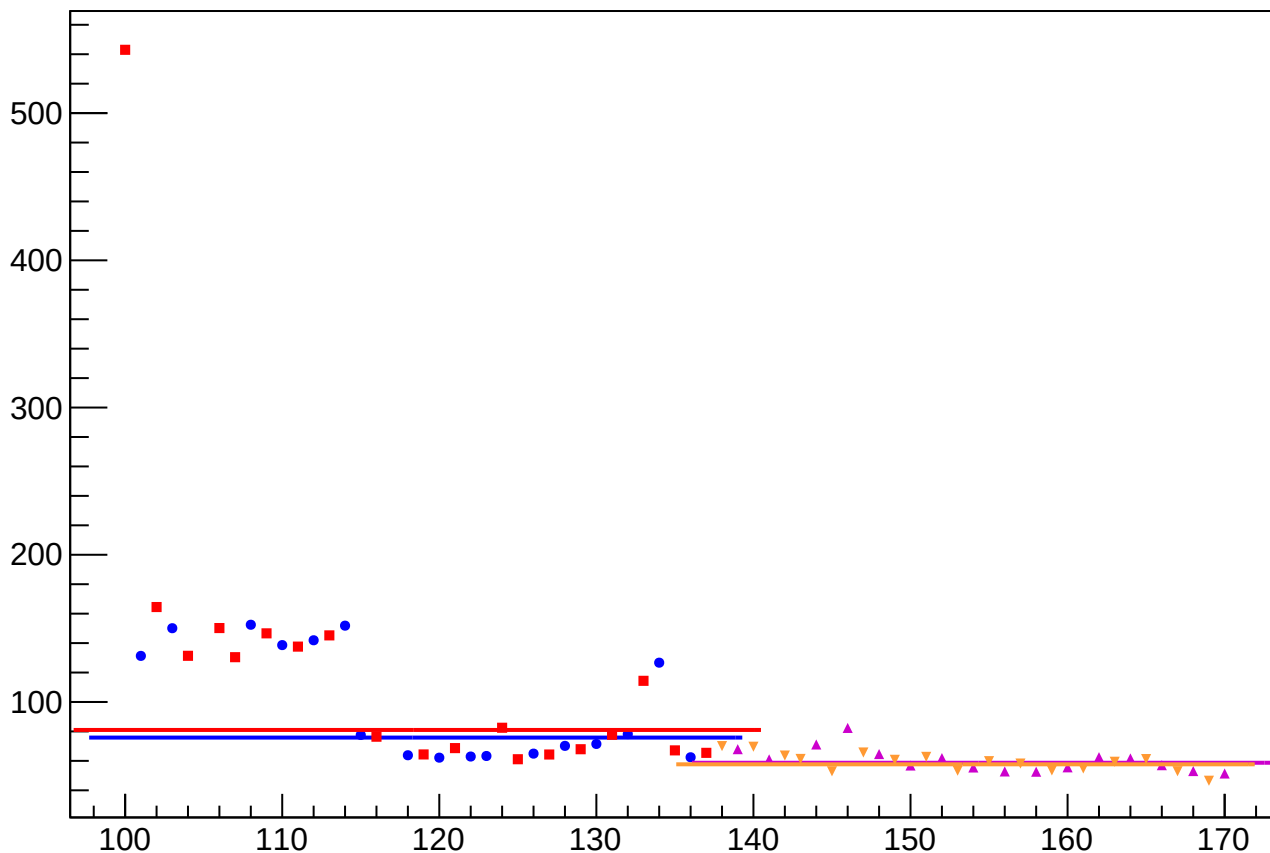
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 50.231 $\pm$ 14.776 χ^2 /NDF:34.6/32

Out: 33.102 $\pm$ 14.576 χ^2 /NDF:38.3/35

All: 41.550 $\pm$ 10.377 χ^2 /NDF: 73.6/68

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 57.661 $\pm$ 0.012 χ^2 /NDF: 287912.0/16

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 58.720 $\pm$ 0.012 χ^2 /NDF: 334937.6/15

Left: 58.174 $\pm$ 0.008 χ^2 /NDF: 626946.6/32

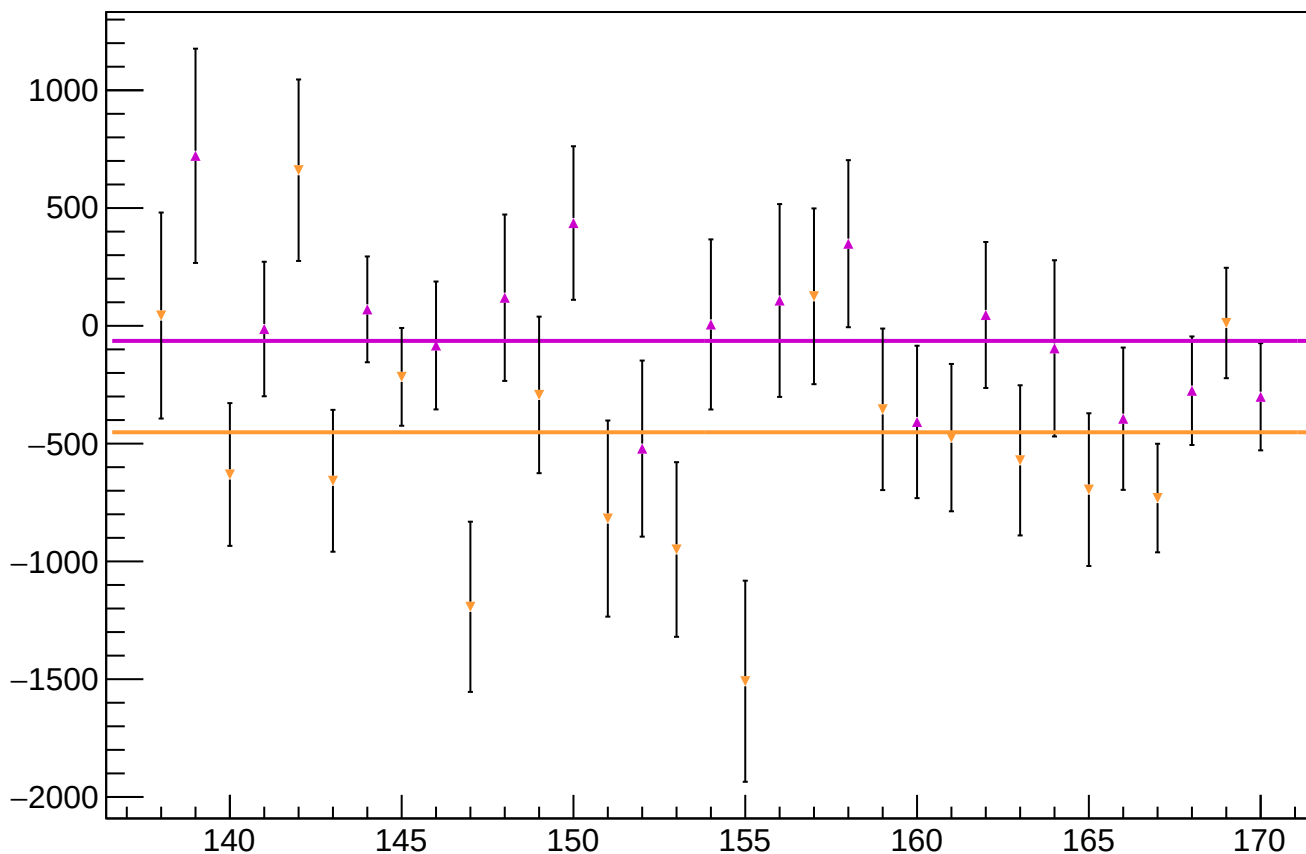
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 62.590 $\pm$ 0.010 χ^2 /NDF: 2153890.4/32

Out: 62.287 $\pm$ 0.010 χ^2 /NDF: 2730625.4/35

All: 62.436 $\pm$ 0.007 χ^2 /NDF: 4884941.6/68

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -451.866+/-75.661 χ^2/NDF :33.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.954+/-76.045 χ^2/NDF :13.5/15

Left: -258.890+/-53.636 χ^2/NDF : 60.0/32

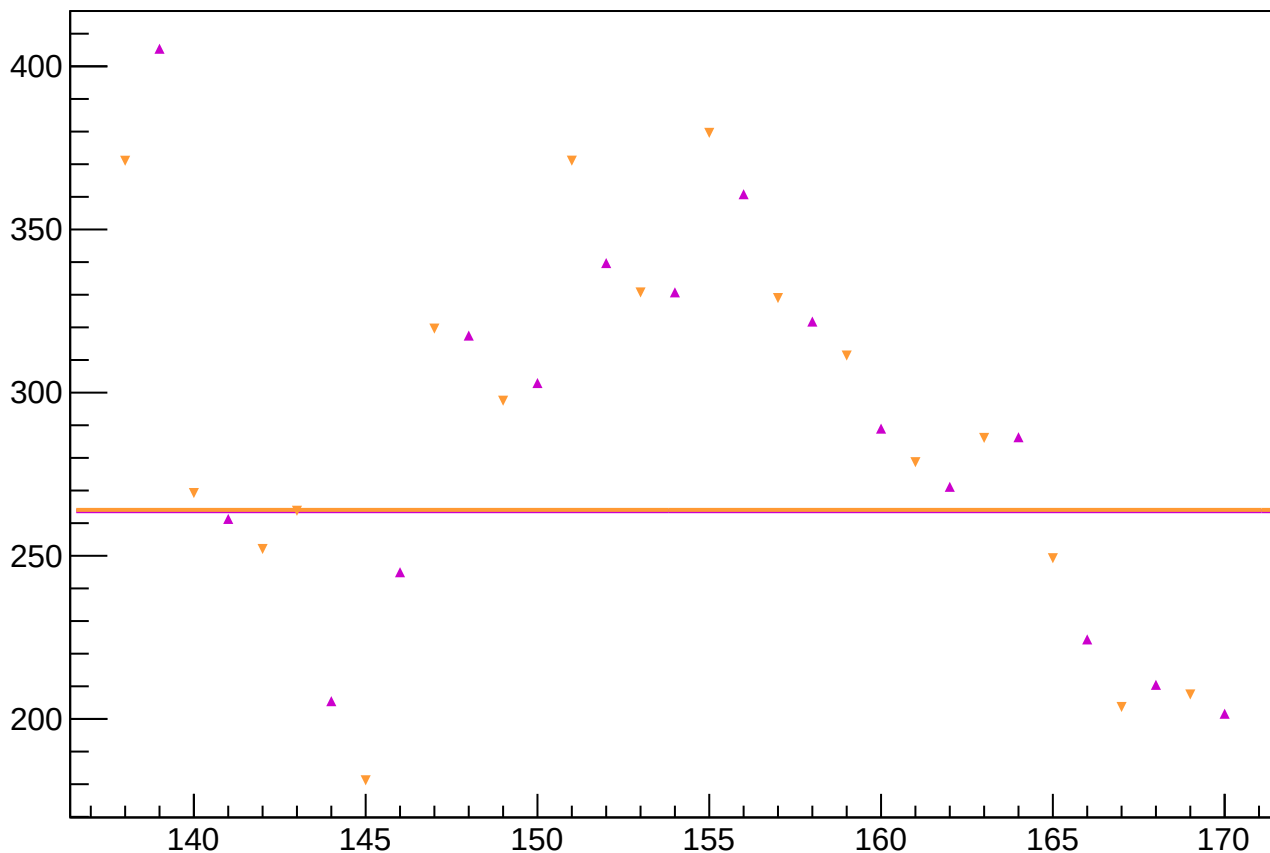
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.954+/-76.045 χ^2/NDF :13.5/15

Out: -451.866+/-75.661 χ^2/NDF :33.4/16

All: -258.890+/-53.636 χ^2/NDF : 60.0/32

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 264.067+/-0.054 χ^2/NDF :1222760.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Left: 263.867+/-0.038 χ^2/NDF : 2264911.5/32

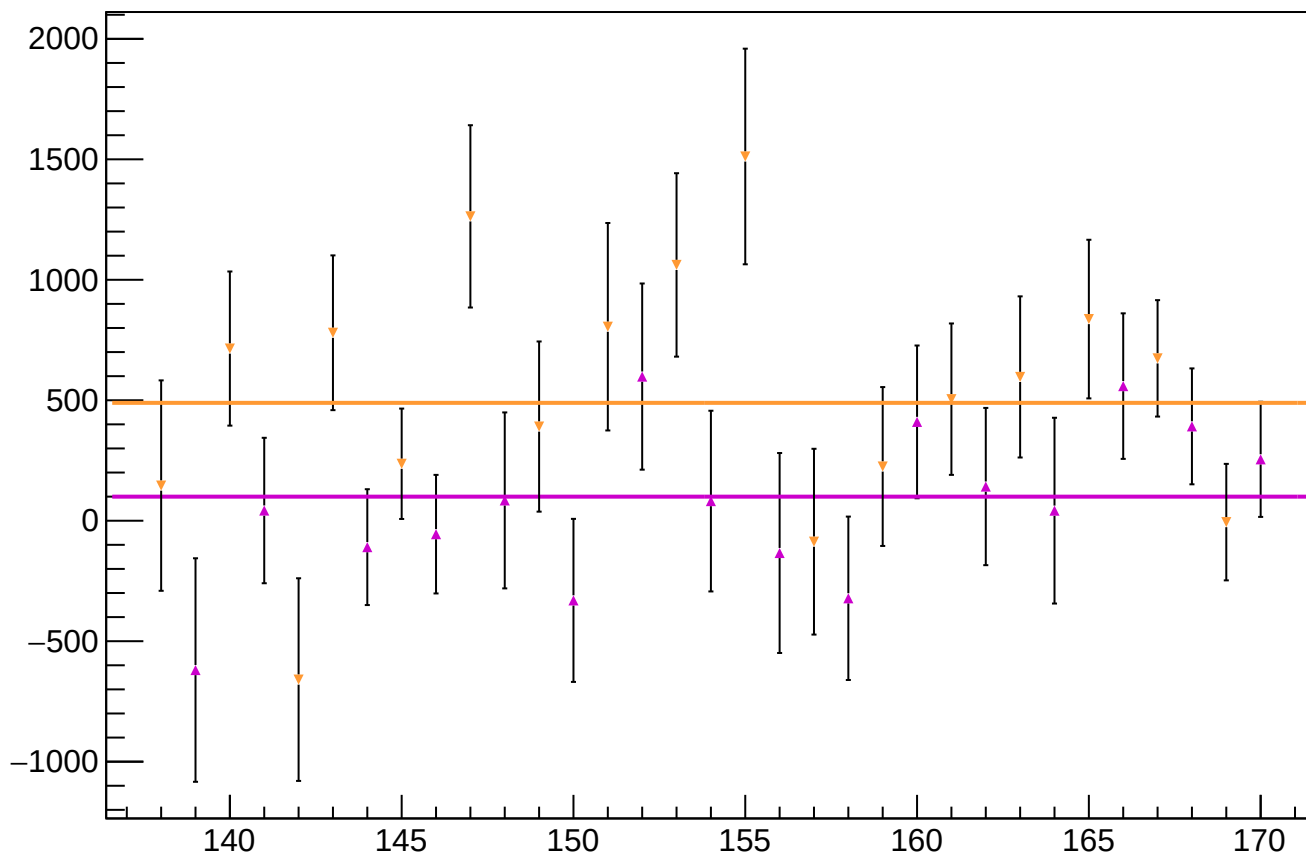
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Out: 264.067+/-0.054 χ^2/NDF :1222760.5/16

All: 263.867+/-0.038 χ^2/NDF : 2264911.5/32

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 489.246 $\pm$ 79.011 χ^2 /NDF:31.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 99.957 $\pm$ 77.657 χ^2 /NDF:14.0/15

Left: 291.236 $\pm$ 55.384 χ^2 /NDF: 58.1/32

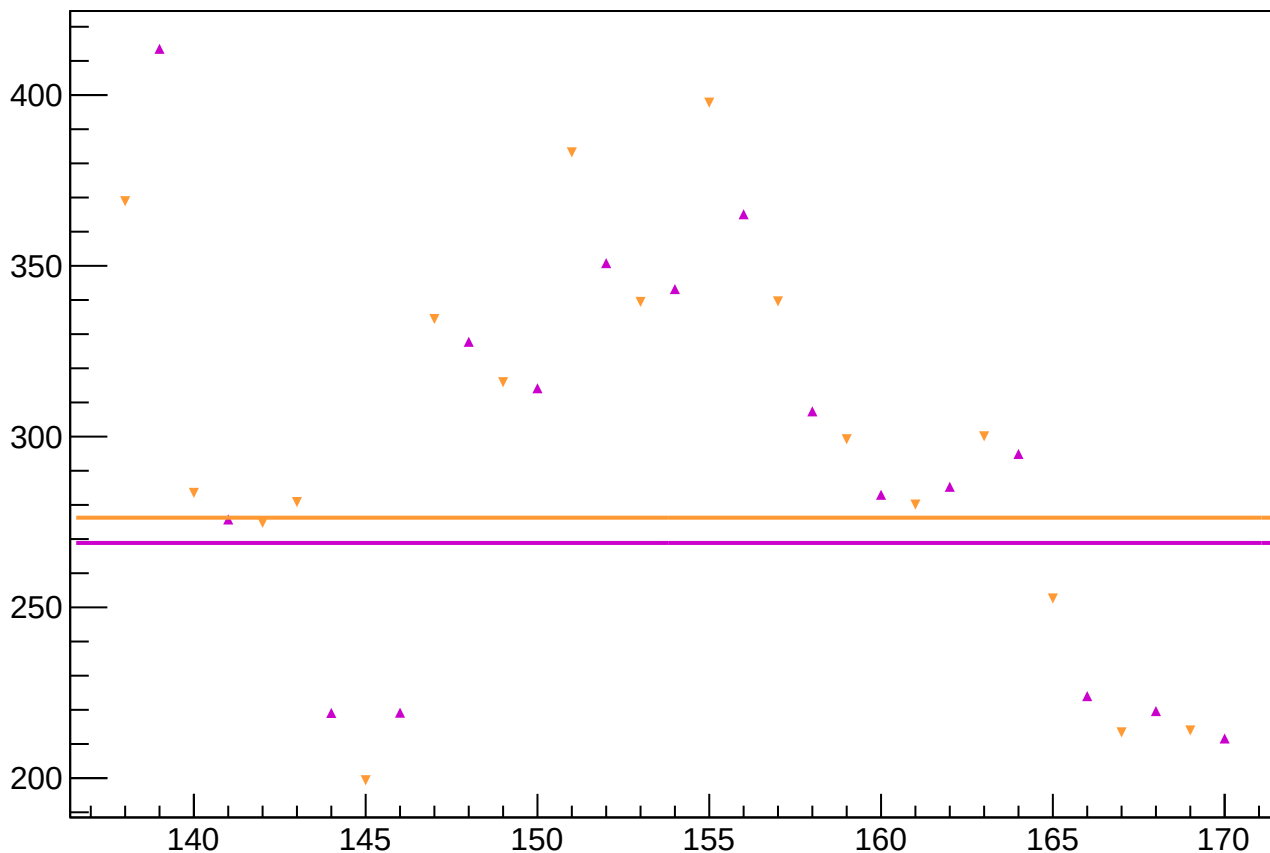
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 99.957 $\pm$ 77.657 χ^2 /NDF:14.0/15

Out: 489.246 $\pm$ 79.011 χ^2 /NDF:31.8/16

All: 291.236 $\pm$ 55.384 χ^2 /NDF: 58.1/32

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 276.261+/-0.056 χ^2/NDF :1067913.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Left: 272.499+/-0.039 χ^2/NDF : 2090361.2/32

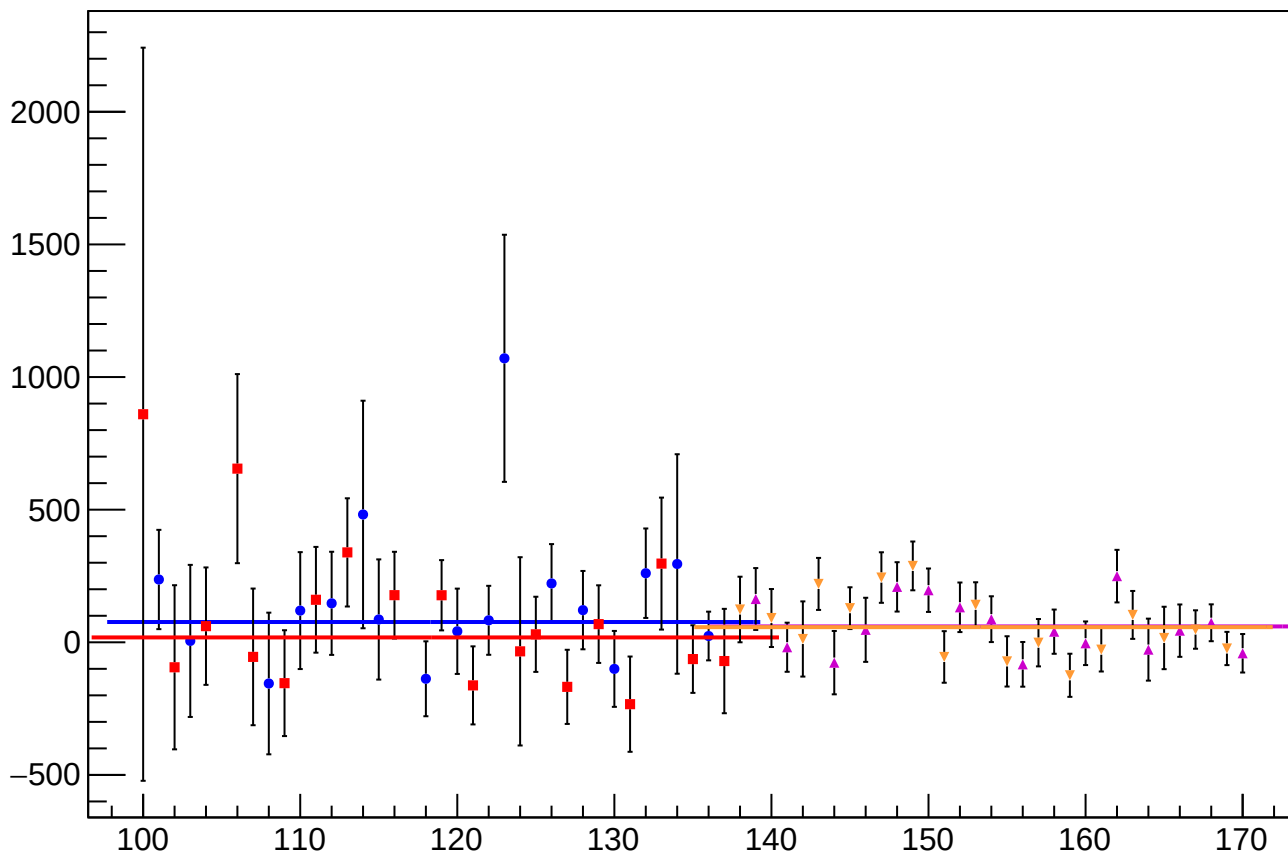
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Out: 276.261+/-0.056 χ^2/NDF :1067913.9/16

All: 272.499+/-0.039 χ^2/NDF : 2090361.2/32

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 57.116 $\pm$ 21.759 χ^2 /NDF:26.9/16

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 59.878 $\pm$ 22.647 χ^2 /NDF:18.6/15

Left: 58.442 $\pm$ 15.690 χ^2 /NDF: 45.6/32

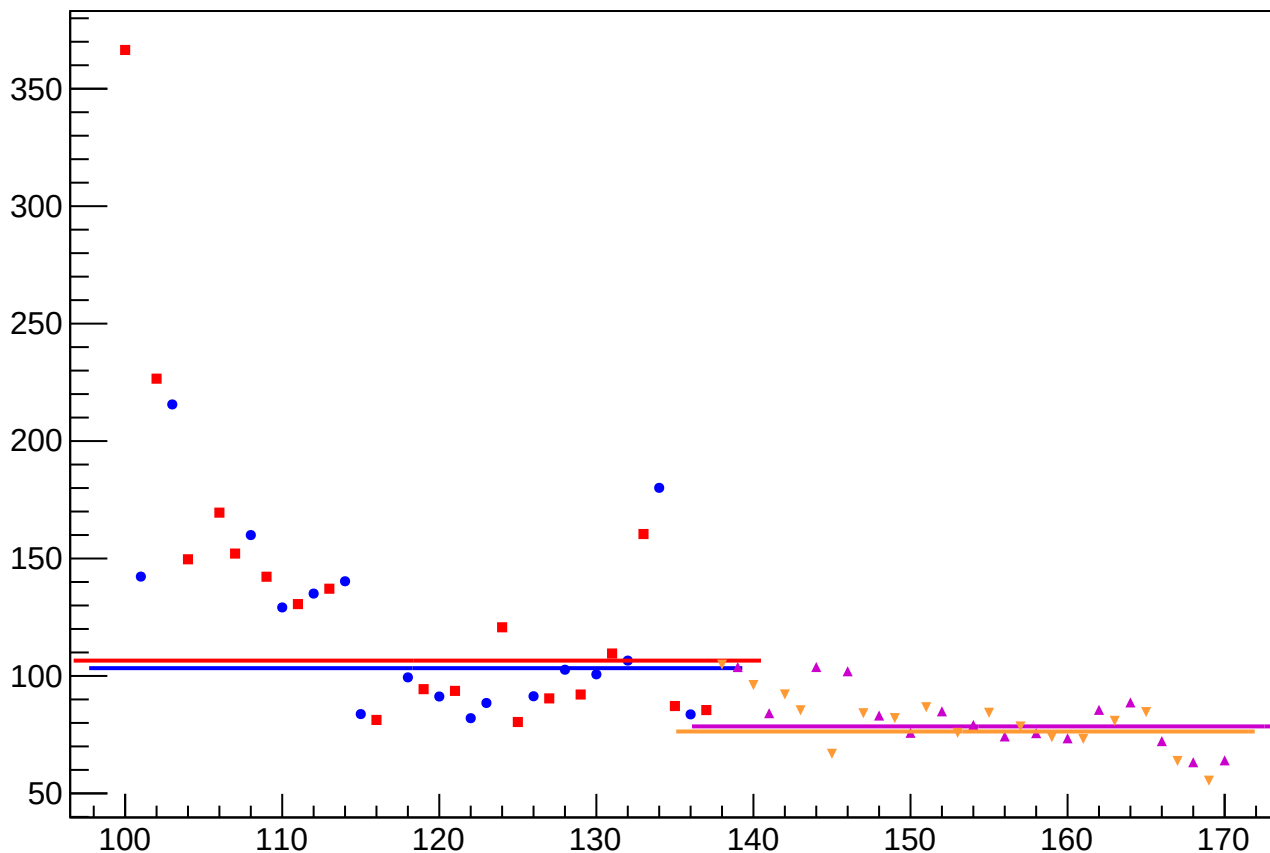
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 63.685 $\pm$ 19.886 χ^2 /NDF:32.6/32

Out: 49.007 $\pm$ 19.347 χ^2 /NDF:44.8/35

All: 56.144 $\pm$ 13.867 χ^2 /NDF: 77.7/68

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: 76.352 $\pm$ 0.015 χ^2 /NDF: 604453.5/16

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 78.523 $\pm$ 0.016 χ^2 /NDF: 507470.6/15

Left: 77.394 $\pm$ 0.011 χ^2 /NDF: 1121484.3/32

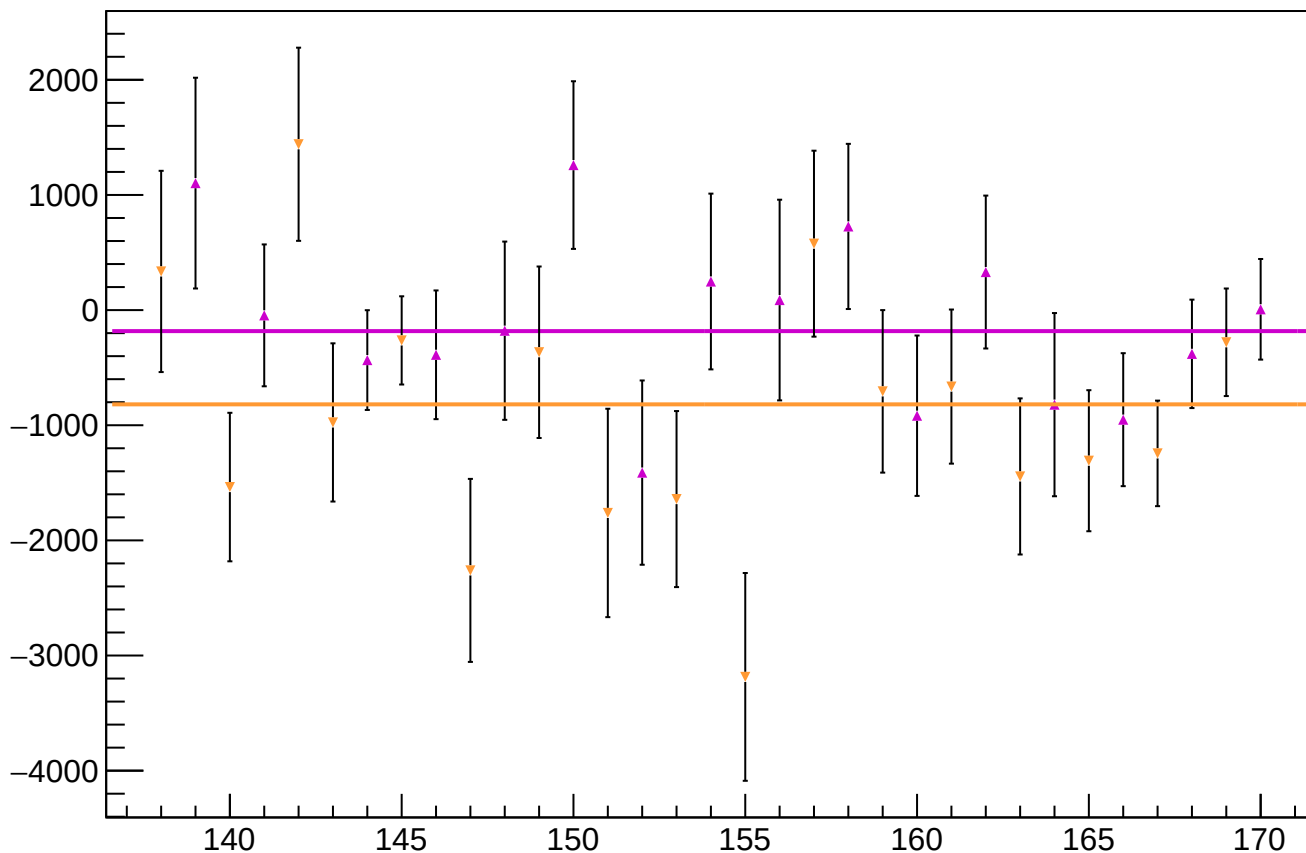
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 84.201 $\pm$ 0.014 χ^2 /NDF: 1894189.1/32

Out: 82.672 $\pm$ 0.014 χ^2 /NDF: 2481775.1/35

All: 83.415 $\pm$ 0.010 χ^2 /NDF: 4382034.0/68

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -818.577+/-155.090 χ^2/NDF :31.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -182.514+/-155.960 χ^2/NDF :15.3/15

Left: -502.325+/-109.972 χ^2/NDF : 55.6/32

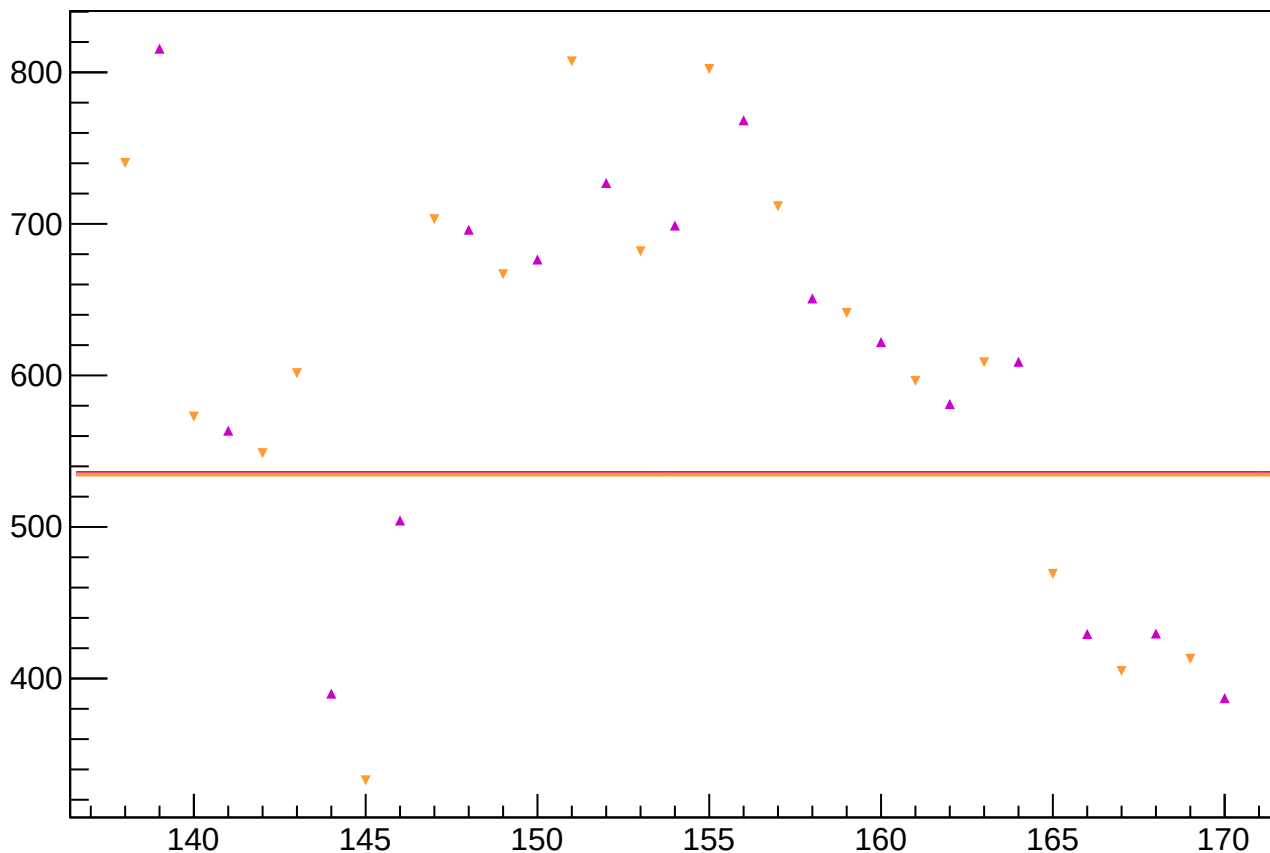
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -182.514+/-155.960 χ^2/NDF :15.3/15

Out: -818.577+/-155.090 χ^2/NDF :31.9/16

All: -502.325+/-109.972 χ^2/NDF : 55.6/32

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 534.625+/-0.110 χ^2/NDF :1777989.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Left: 535.102+/-0.078 χ^2/NDF : 3219896.2/32

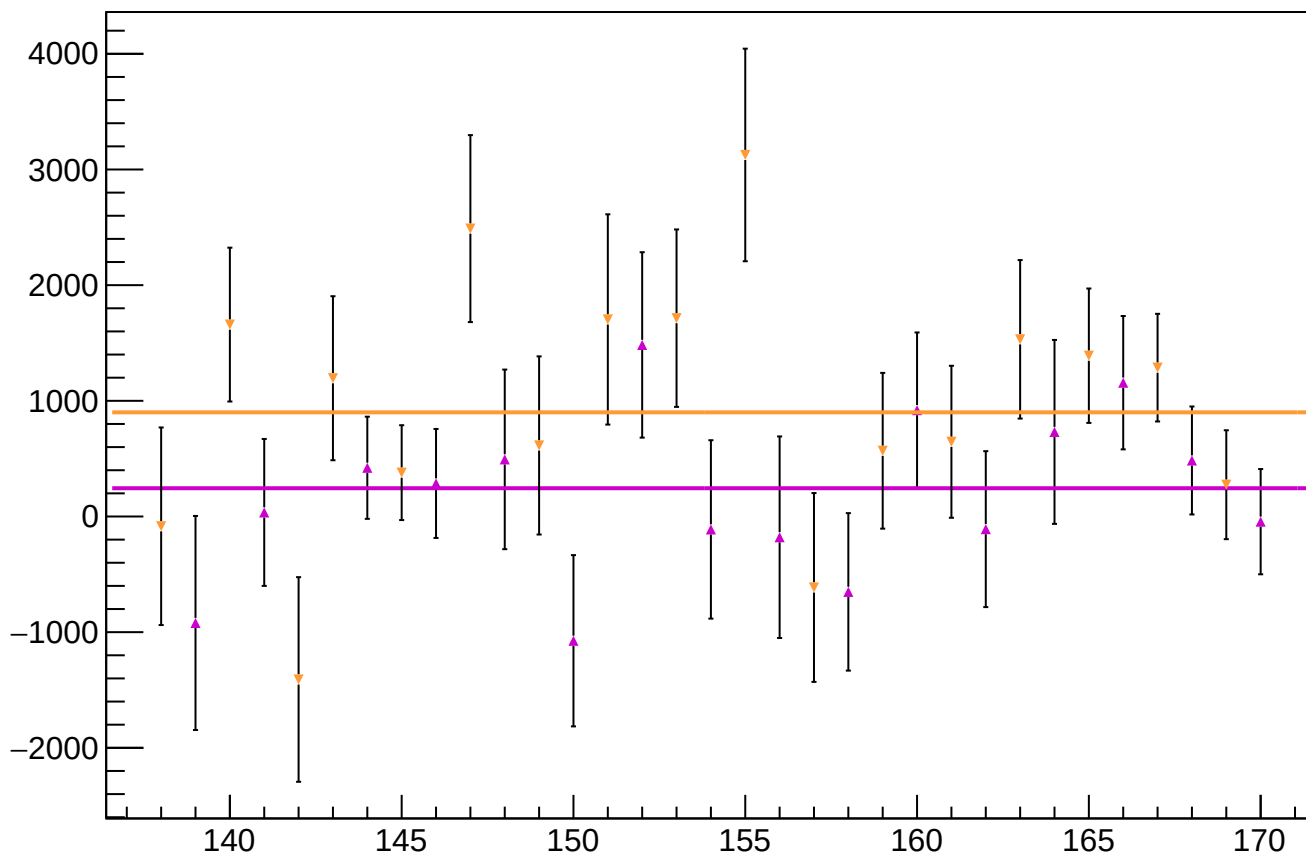
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Out: 534.625+/-0.110 χ^2/NDF :1777989.5/16

All: 535.102+/-0.078 χ^2/NDF : 3219896.2/32

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.481+/-157.321 χ^2/NDF :30.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.337+/-154.479 χ^2/NDF :14.5/15

Left: 566.428+/-110.224 χ^2/NDF : 54.3/32

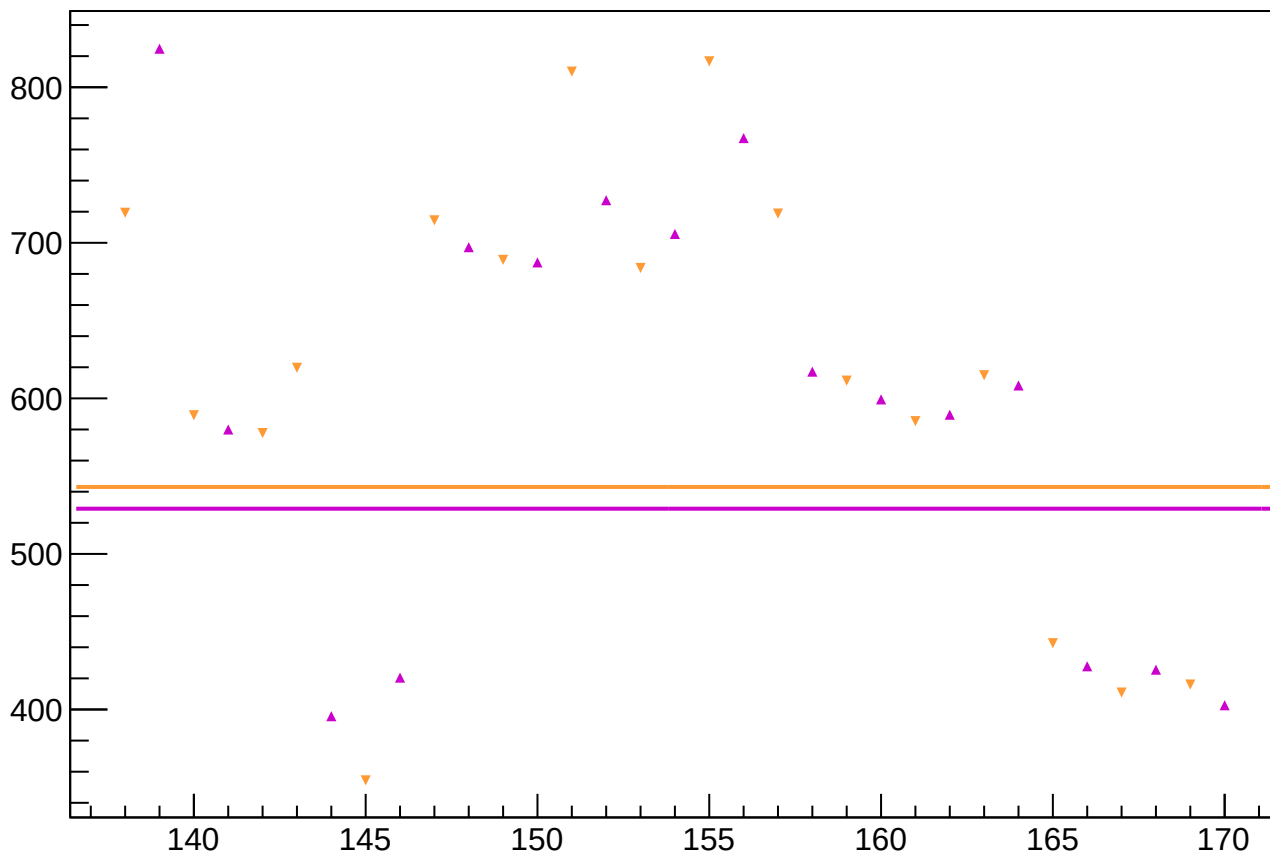
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.337+/-154.479 χ^2/NDF :14.5/15

Out: 900.481+/-157.321 χ^2/NDF :30.9/16

All: 566.428+/-110.224 χ^2/NDF : 54.3/32

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Left: 535.937+/-0.078 χ^2/NDF : 3115470.3/32

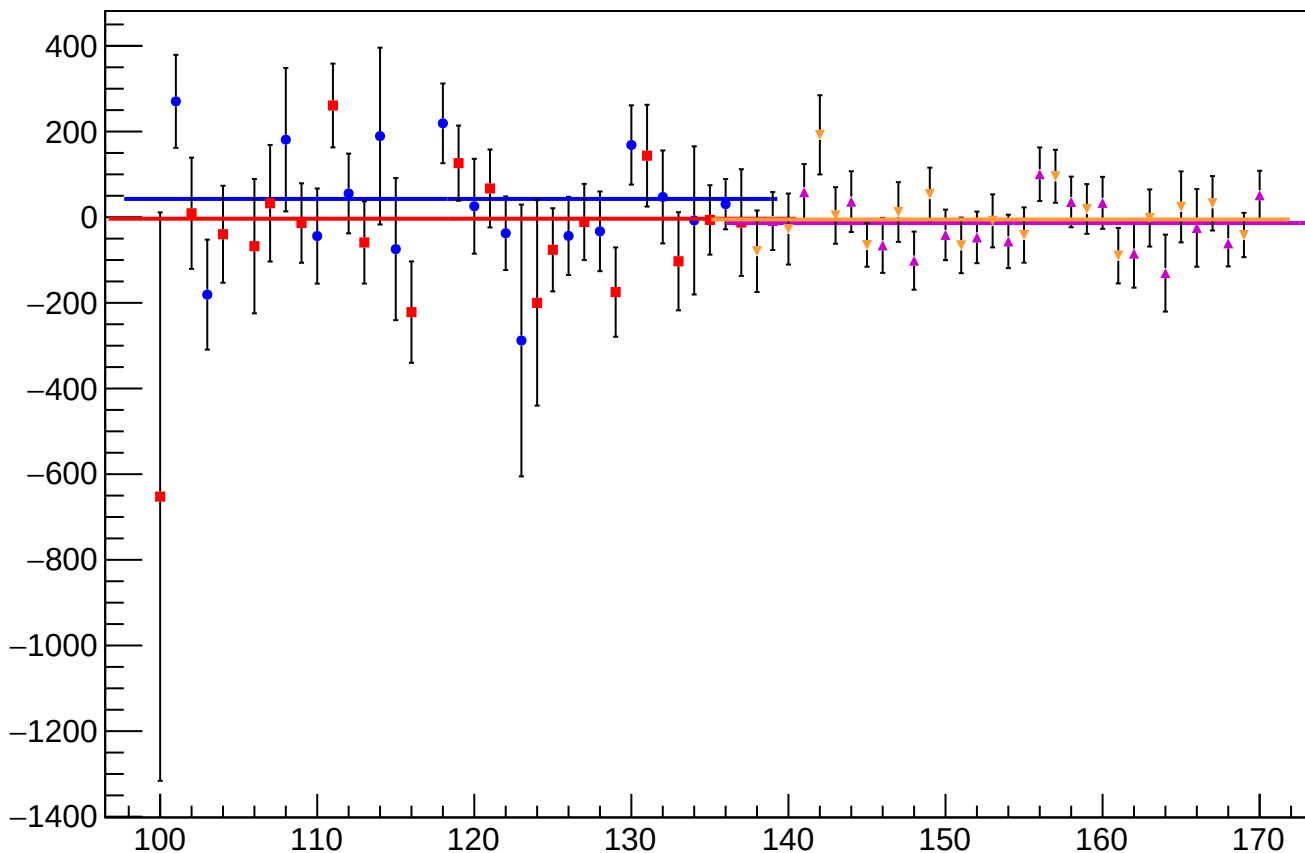
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

All: 535.937+/-0.078 χ^2/NDF : 3115470.3/32

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -5.259 $\pm$ 15.836 χ^2 /NDF:14.3/16

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -13.591 $\pm$ 16.227 χ^2 /NDF:14.3/15

Left: -9.324 $\pm$ 11.334 χ^2 /NDF: 28.7/32

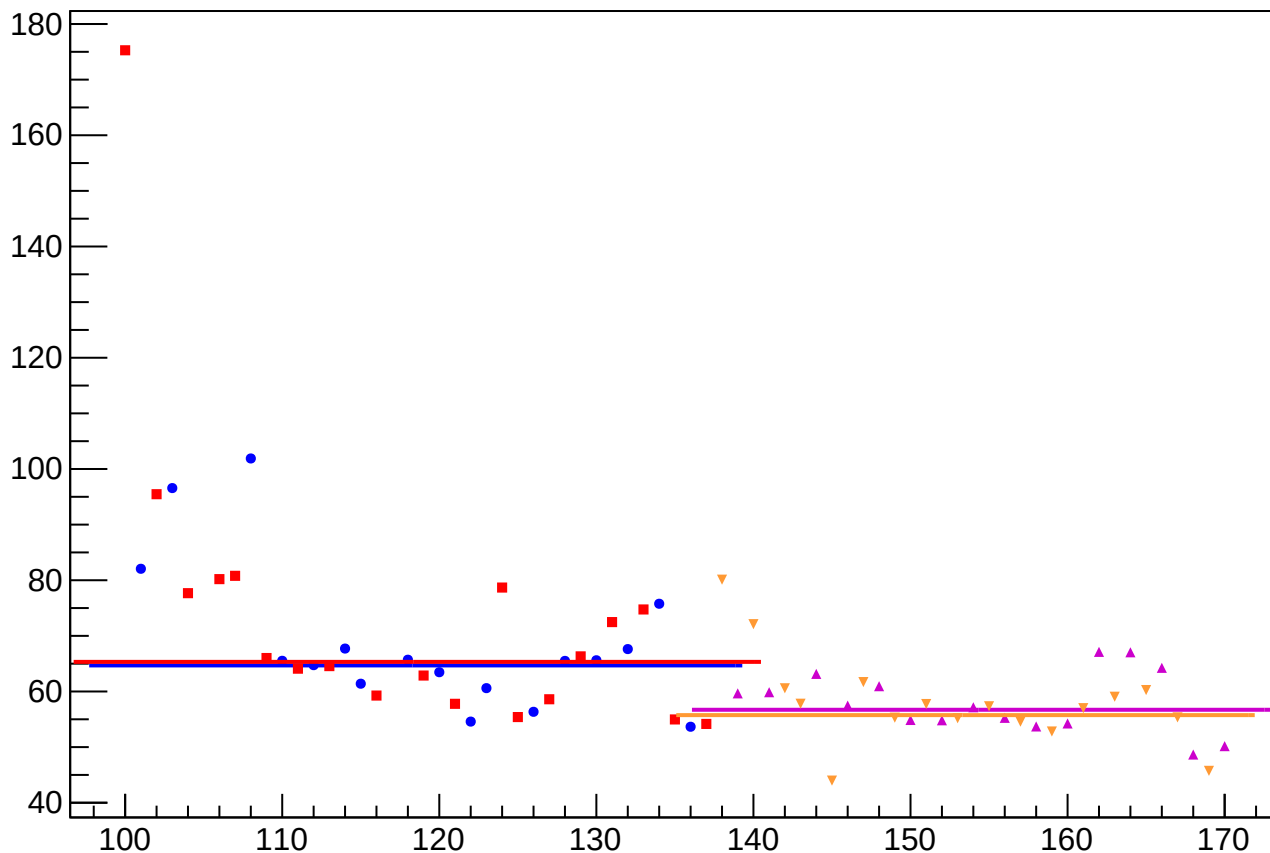
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 2.633 $\pm$ 13.688 χ^2 /NDF:36.6/32

Out: -4.759 $\pm$ 13.389 χ^2 /NDF:35.7/35

All: -1.144 $\pm$ 9.571 χ^2 /NDF: 72.4/68

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: 55.751 $\pm$ 0.011 χ^2 /NDF: 434236.6/16

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 56.713 $\pm$ 0.011 χ^2 /NDF: 192109.6/15

Left: 56.220 $\pm$ 0.008 χ^2 /NDF: 629946.6/32

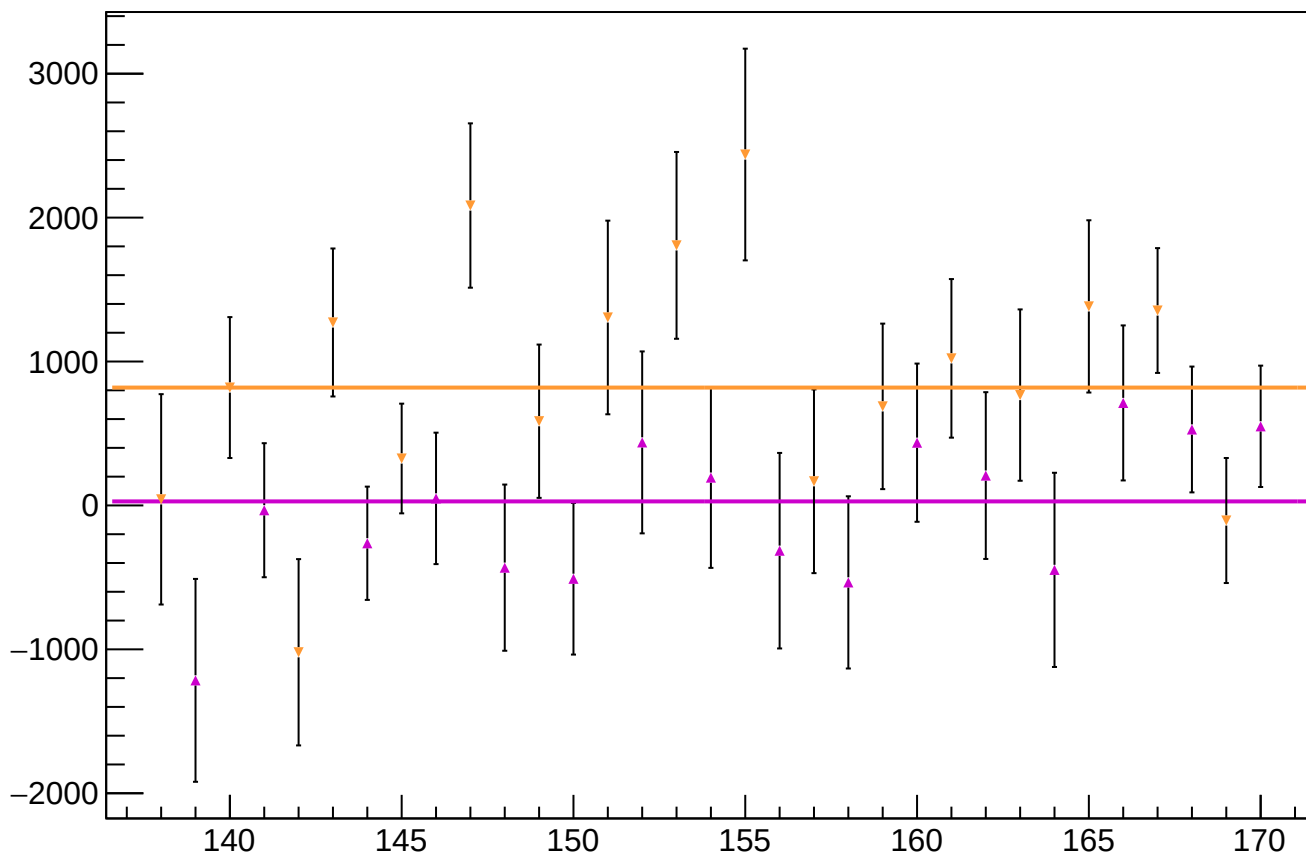
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.013 $\pm$ 0.010 χ^2 /NDF: 731555.6/32

Out: 58.481 $\pm$ 0.009 χ^2 /NDF: 1002274.0/35

All: 58.741 $\pm$ 0.007 χ^2 /NDF: 1735369.4/68

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: 818.935+/-132.308 χ^2/NDF :32.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.969+/-132.137 χ^2/NDF :12.6/15

Left: 422.941+/-93.495 χ^2/NDF : 63.1/32

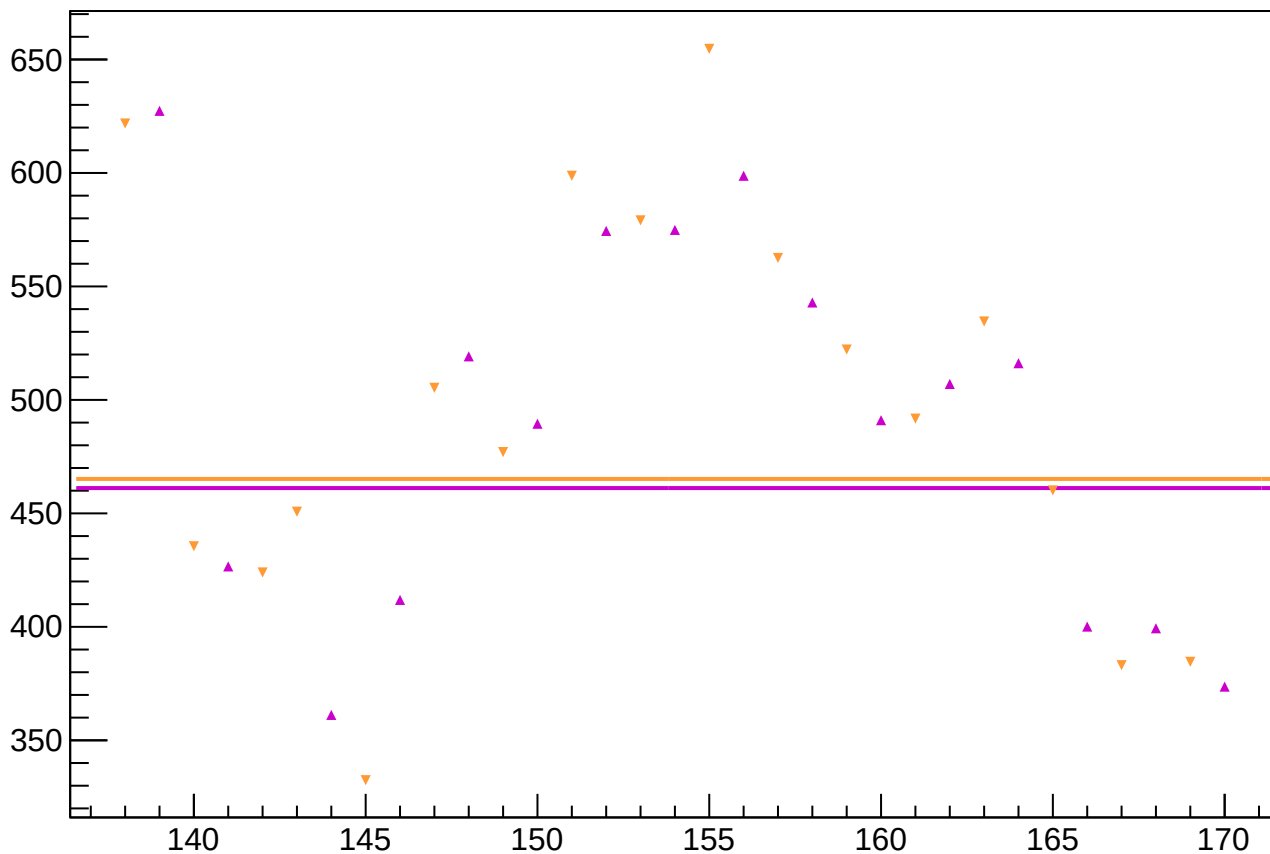
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.969+/-132.137 χ^2/NDF :12.6/15

Out: 818.935+/-132.308 χ^2/NDF :32.6/16

All: 422.941+/-93.495 χ^2/NDF : 63.1/32

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: 465.187+/-0.094 χ^2/NDF : 874306.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 461.152+/-0.093 χ^2/NDF : 733483.0/15

Left: 463.167+/-0.066 χ^2/NDF : 1608720.4/32

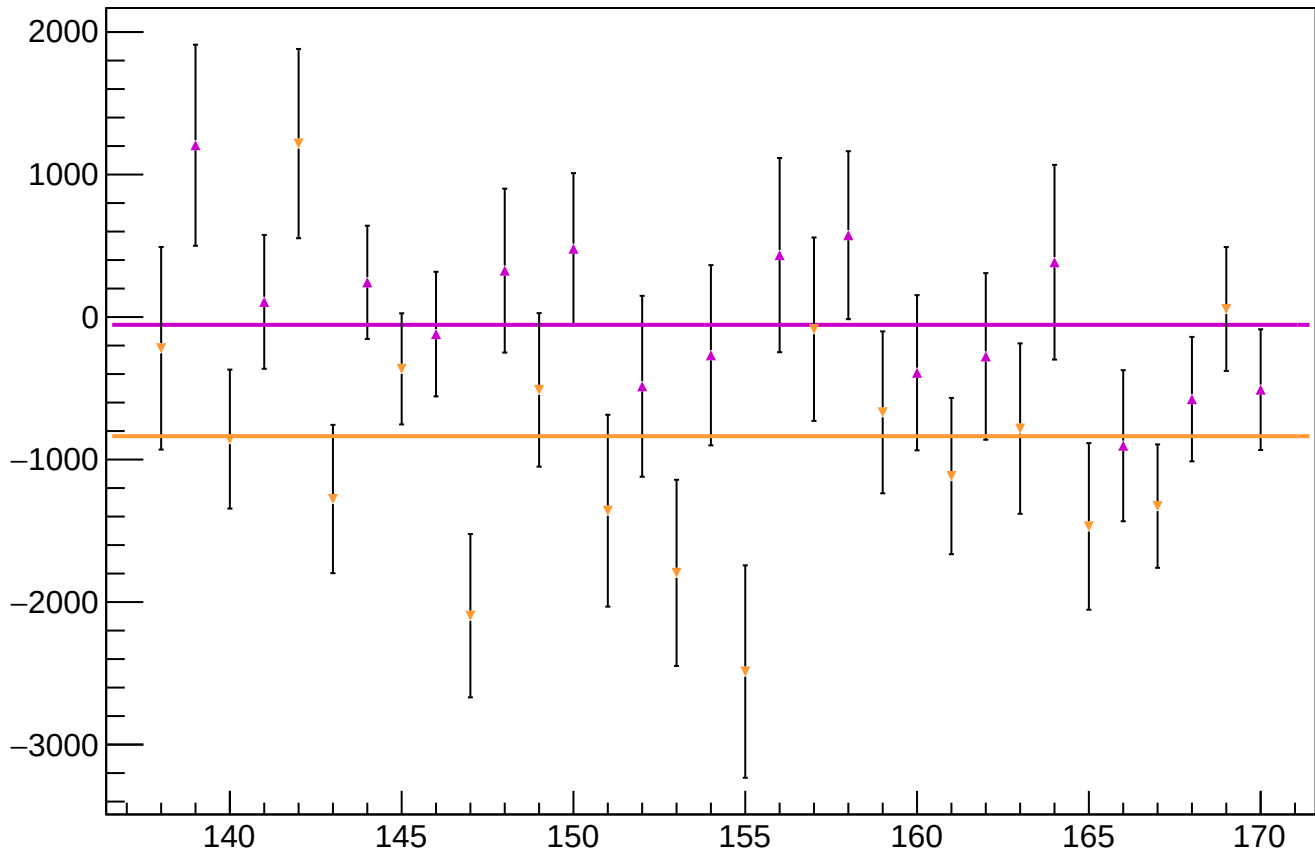
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 461.152+/-0.093 χ^2/NDF : 733483.0/15

Out: 465.187+/-0.094 χ^2/NDF : 874306.5/16

All: 463.167+/-0.066 χ^2/NDF : 1608720.4/32

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.220+/-132.737 χ^2/NDF :33.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.654+/-131.855 χ^2/NDF :13.7/15

Left: -442.832+/-93.546 χ^2/NDF : 64.9/32

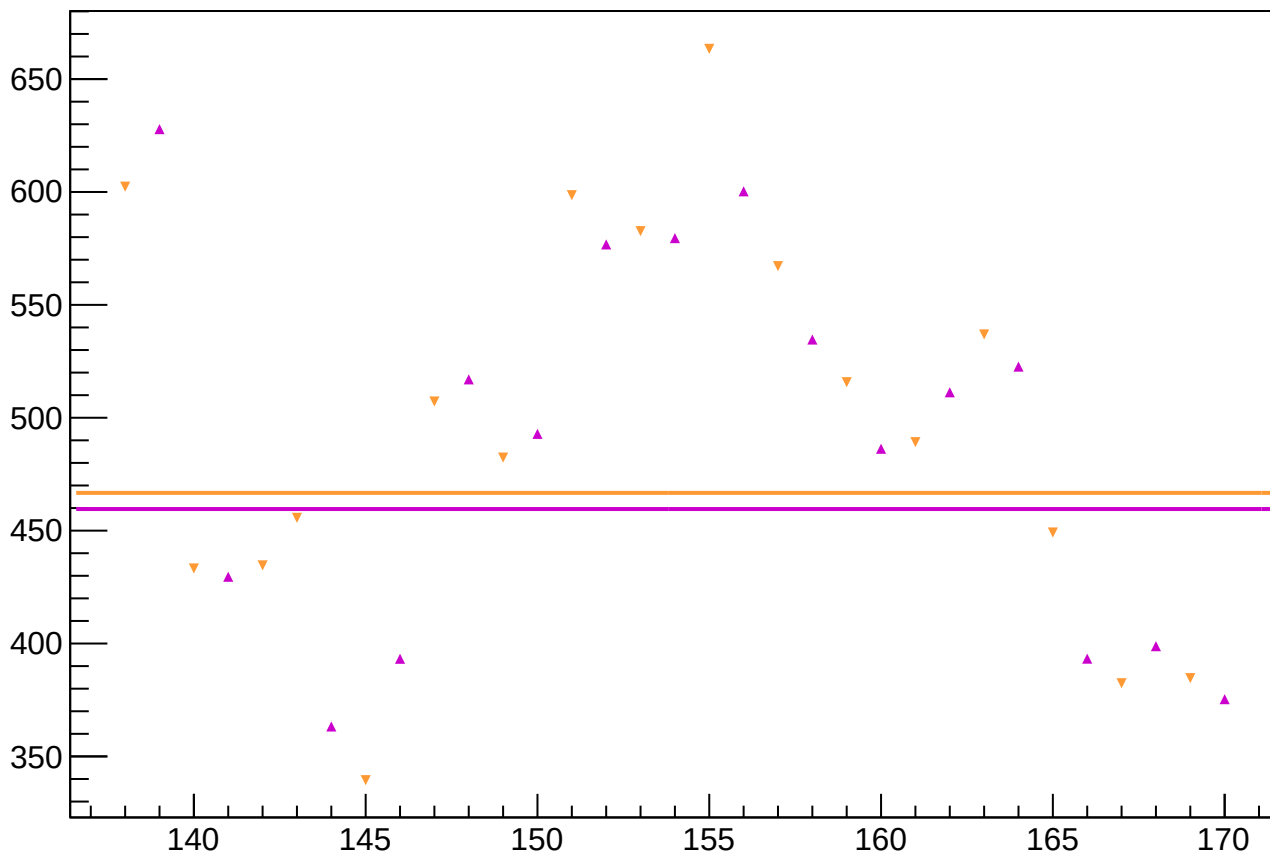
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.654+/-131.855 χ^2/NDF :13.7/15

Out: -836.220+/-132.737 χ^2/NDF :33.8/16

All: -442.832+/-93.546 χ^2/NDF : 64.9/32

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 466.732+/-0.094 χ^2/NDF : 834941.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Left: 463.127+/-0.066 χ^2/NDF : 1595547.4/32

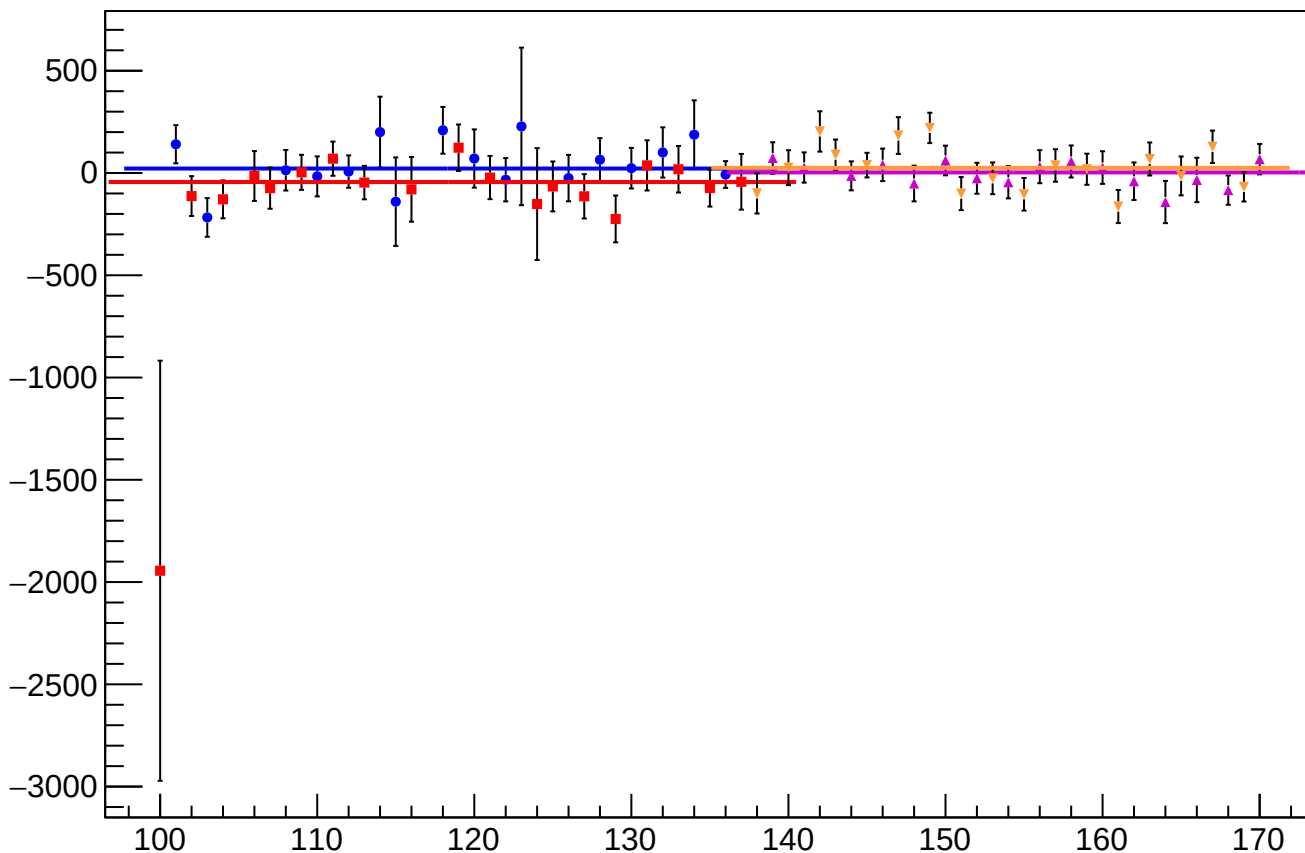
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Out: 466.732+/-0.094 χ^2/NDF : 834941.2/16

All: 463.127+/-0.066 χ^2/NDF : 1595547.4/32

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 25.346 ± 19.281 χ^2/NDF : 30.5/16

Right Out: -43.953 ± 25.108 χ^2/NDF : 13.3/18

Left In: 2.849 ± 19.960 χ^2/NDF : 8.0/15

Left: 14.487 ± 13.867 χ^2/NDF : 39.1/32

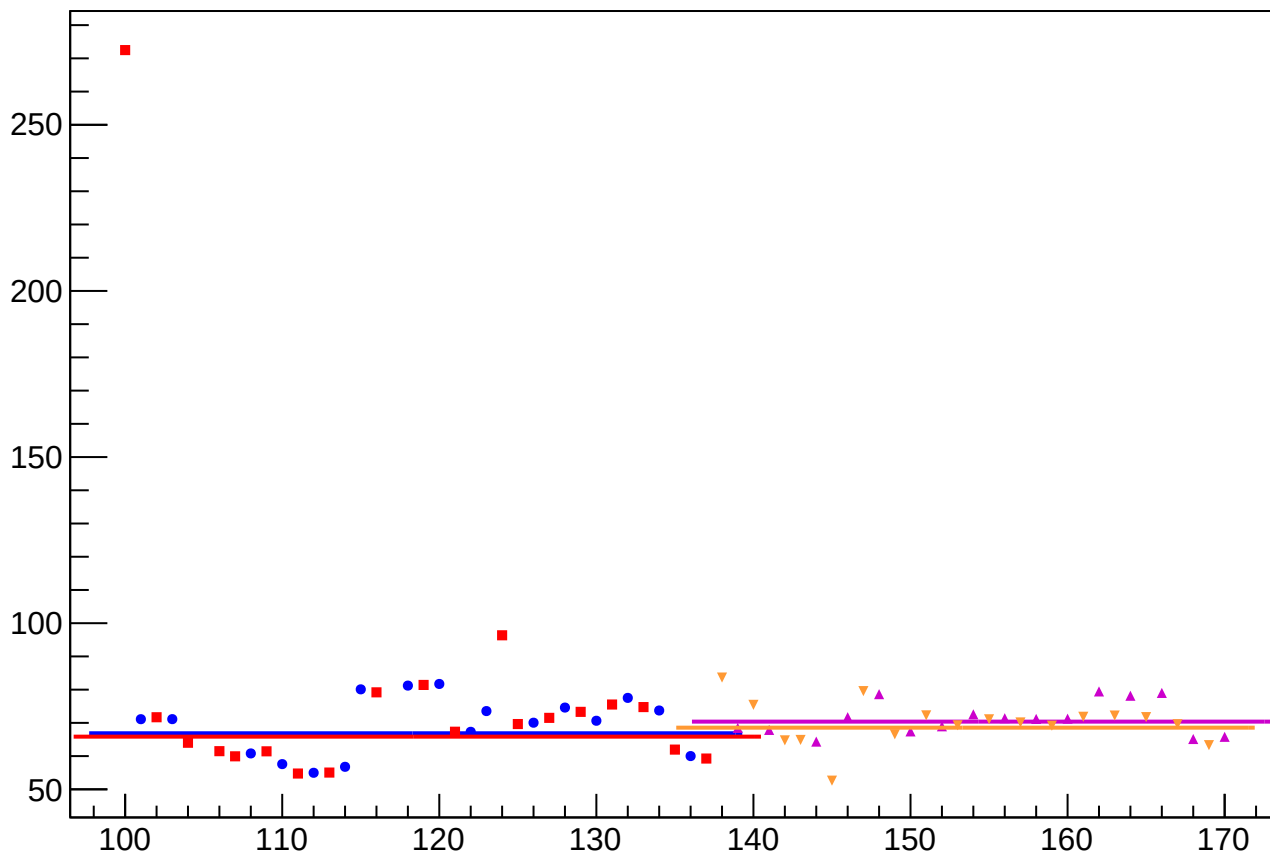
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 9.898 ± 15.845 χ^2/NDF : 23.4/32

Out: -0.360 ± 15.292 χ^2/NDF : 48.6/35

All: 4.587 ± 11.003 χ^2/NDF : 72.2/68

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: 68.557 $\pm$ 0.014 χ^2 /NDF: 268445.4/16

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 70.376 $\pm$ 0.014 χ^2 /NDF: 104543.3/15

Left: 69.435 $\pm$ 0.010 χ^2 /NDF: 381574.7/32

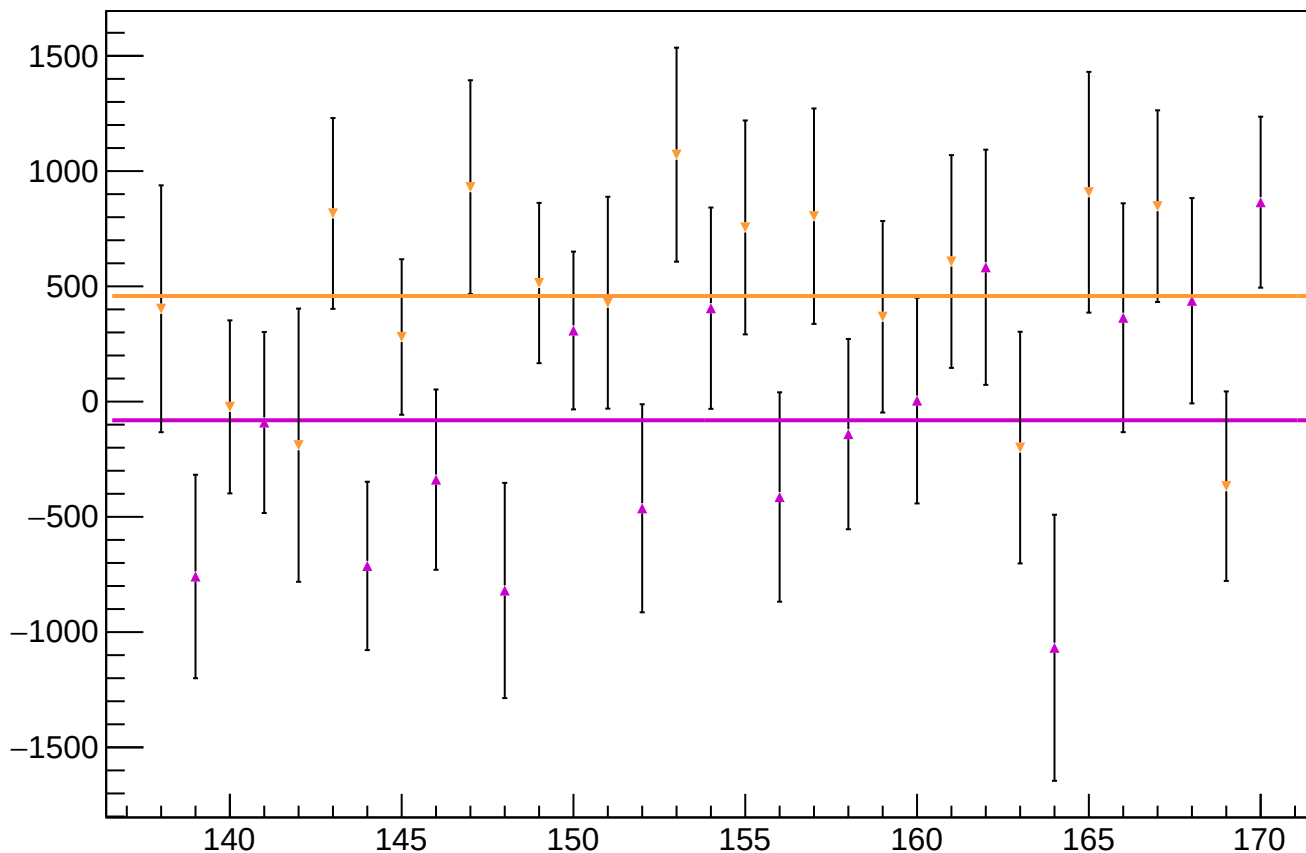
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 69.080 $\pm$ 0.011 χ^2 /NDF: 329847.8/32

Out: 67.555 $\pm$ 0.011 χ^2 /NDF: 582901.8/35

All: 68.290 $\pm$ 0.008 χ^2 /NDF: 922345.6/68

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 458.216 $\pm$ 105.769 χ^2 /NDF:15.2/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -81.040 $\pm$ 106.670 χ^2 /NDF:25.4/15

Left: 190.876 $\pm$ 75.106 χ^2 /NDF: 53.5/32

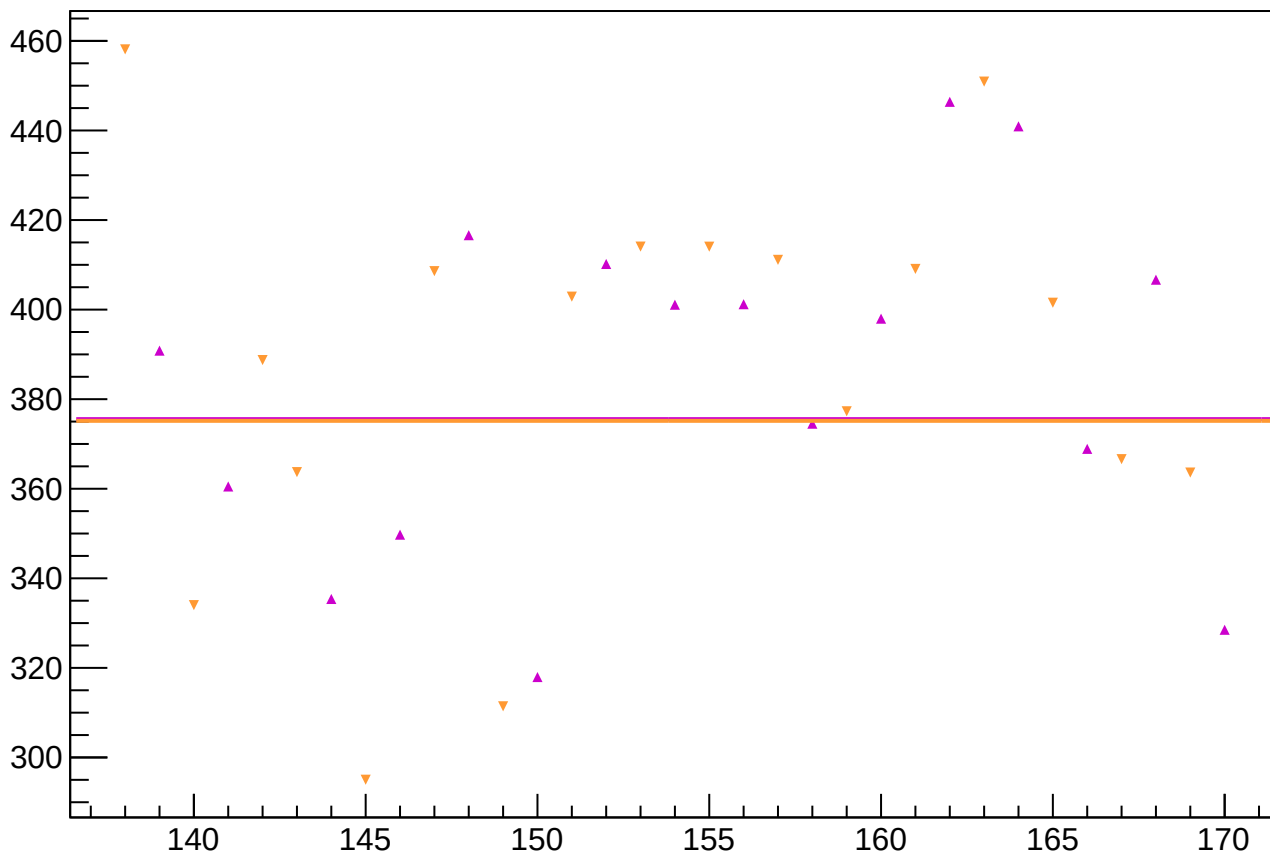
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -81.040 $\pm$ 106.670 χ^2 /NDF:25.4/15

Out: 458.216 $\pm$ 105.769 χ^2 /NDF:15.2/16

All: 190.876 $\pm$ 75.106 χ^2 /NDF: 53.5/32

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: 375.167+/-0.075 χ^2/NDF :376133.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 375.543+/-0.075 χ^2/NDF :246967.4/15

Left: 375.353+/-0.053 χ^2/NDF : 623113.8/32

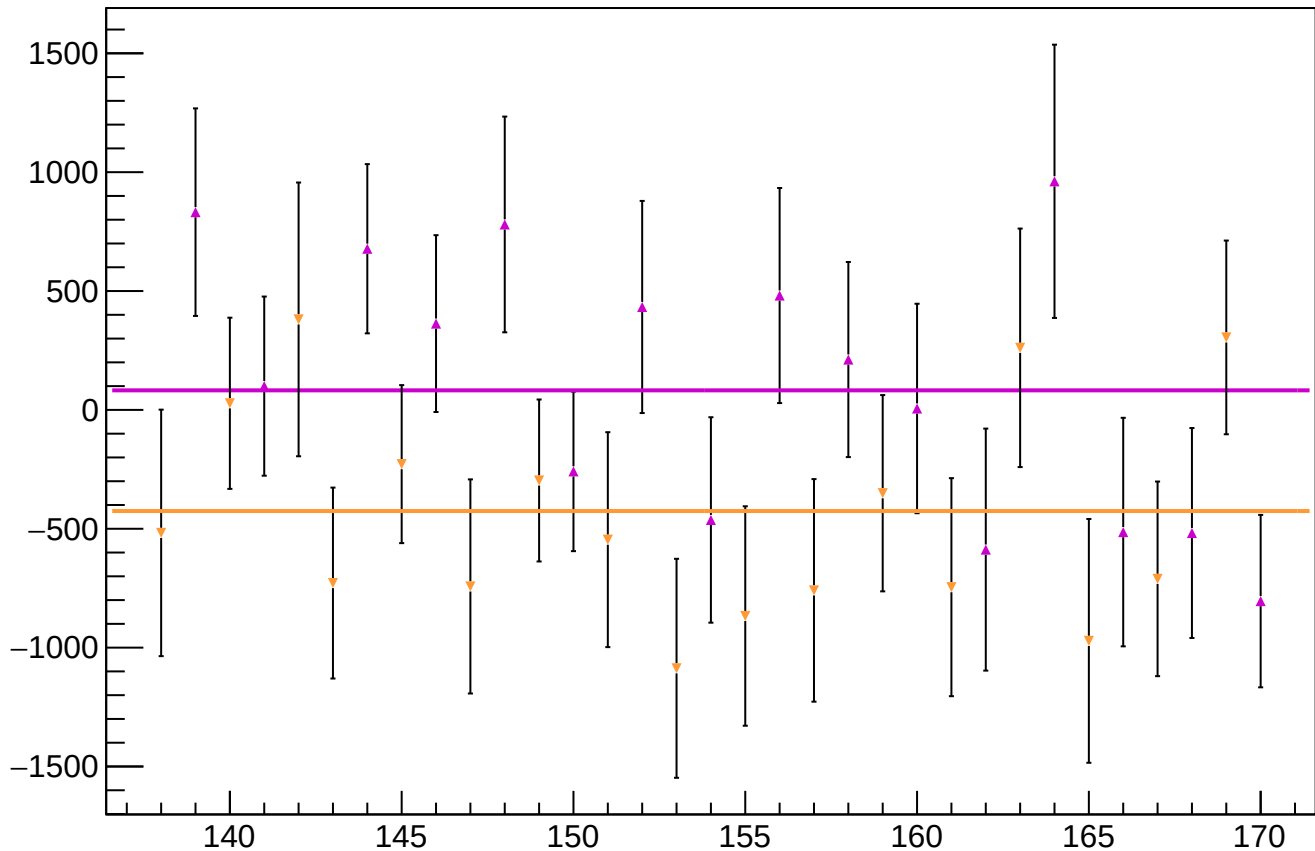
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.543+/-0.075 χ^2/NDF :246967.4/15

Out: 375.167+/-0.075 χ^2/NDF :376133.9/16

All: 375.353+/-0.053 χ^2/NDF : 623113.8/32

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -425.438+/-103.970 χ^2/NDF :15.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 82.249+/-104.569 χ^2/NDF :26.3/15

Left: -173.055+/-73.729 χ^2/NDF : 54.0/32

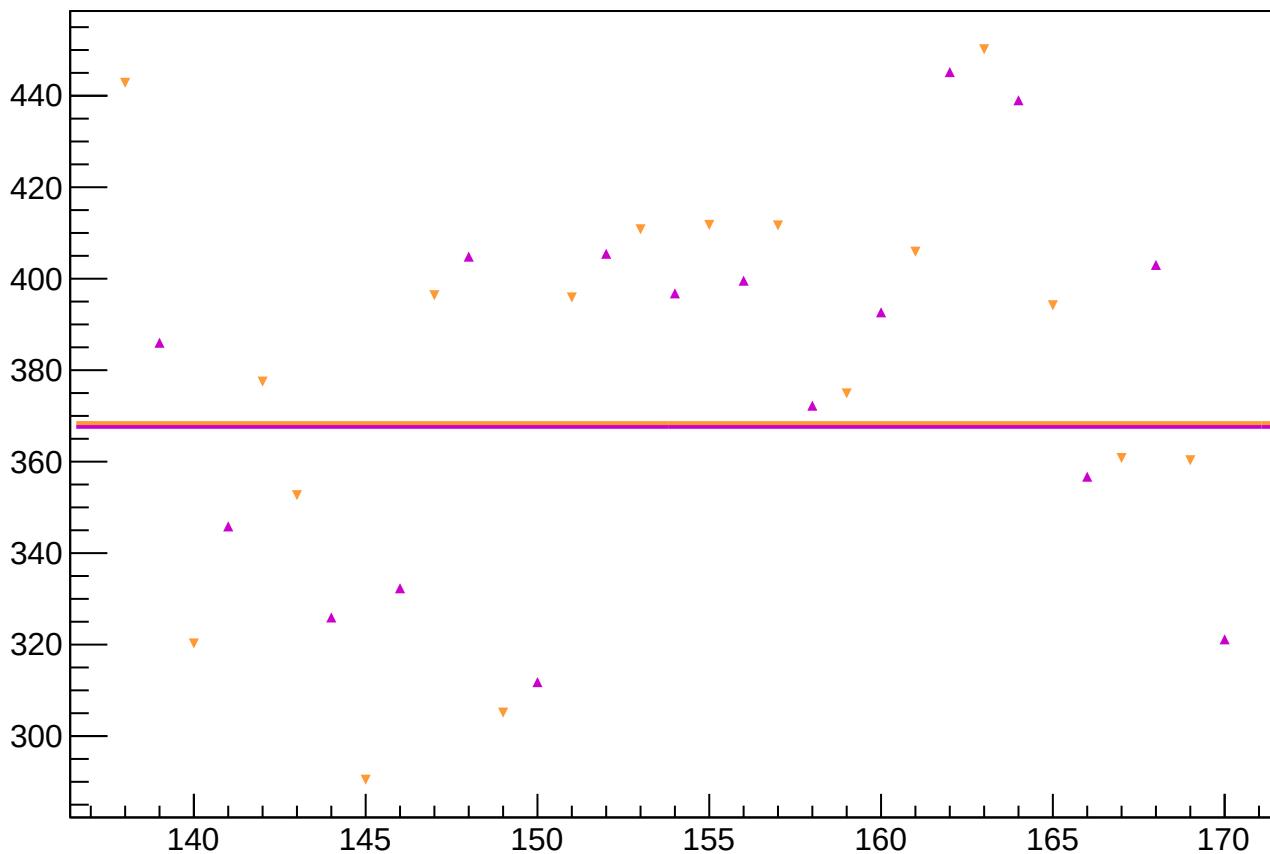
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.249+/-104.569 χ^2/NDF :26.3/15

Out: -425.438+/-103.970 χ^2/NDF :15.9/16

All: -173.055+/-73.729 χ^2/NDF : 54.0/32

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.431+/-0.074 χ^2/NDF :399893.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.618+/-0.074 χ^2/NDF :288622.2/15

Left: 368.027+/-0.052 χ^2/NDF : 688576.0/32

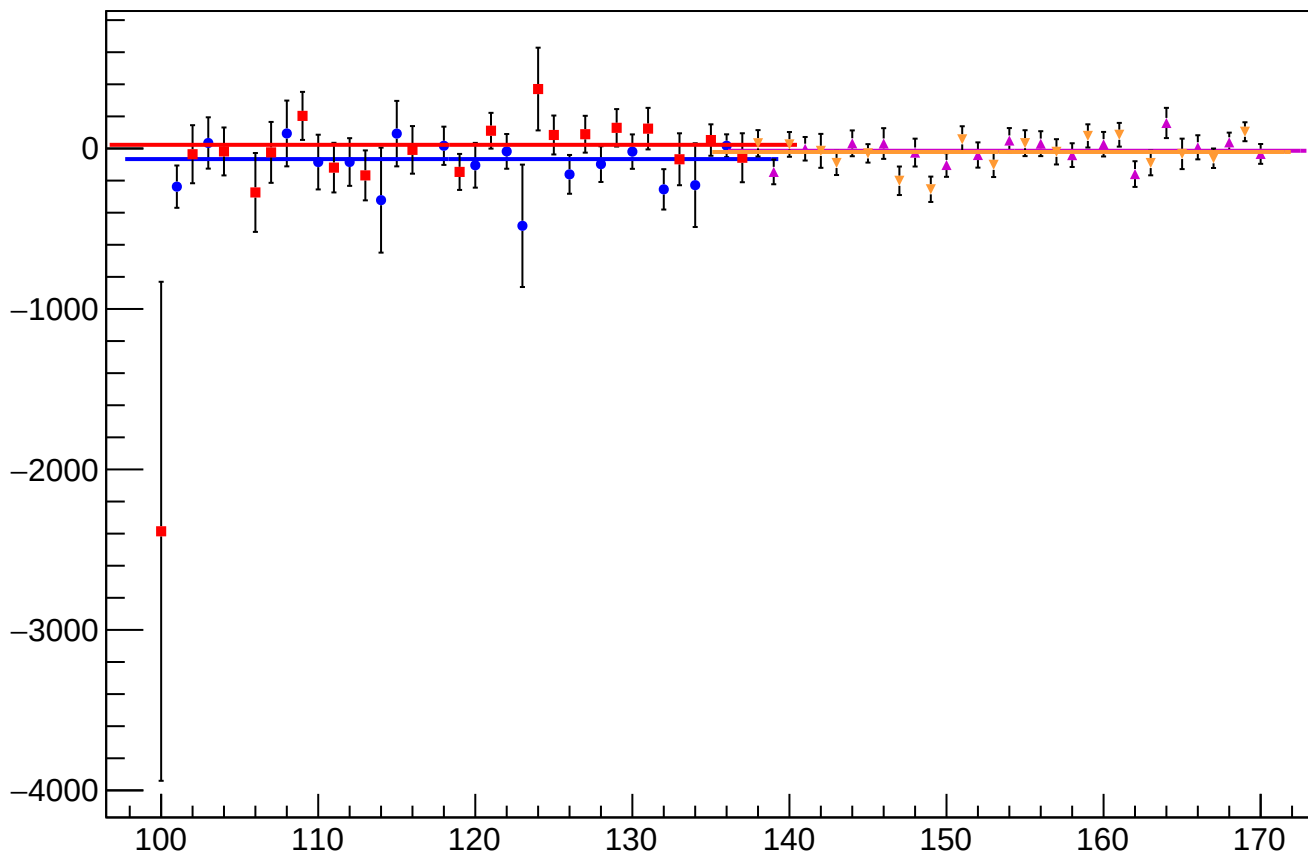
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.618+/-0.074 χ^2/NDF :288622.2/15

Out: 368.431+/-0.074 χ^2/NDF :399893.0/16

All: 368.027+/-0.052 χ^2/NDF : 688576.0/32

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -21.711 ± 18.185 χ^2/NDF : 26.7/16

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -14.140 ± 19.026 χ^2/NDF : 14.1/15

Left: -18.096 ± 13.146 χ^2/NDF : 40.9/32

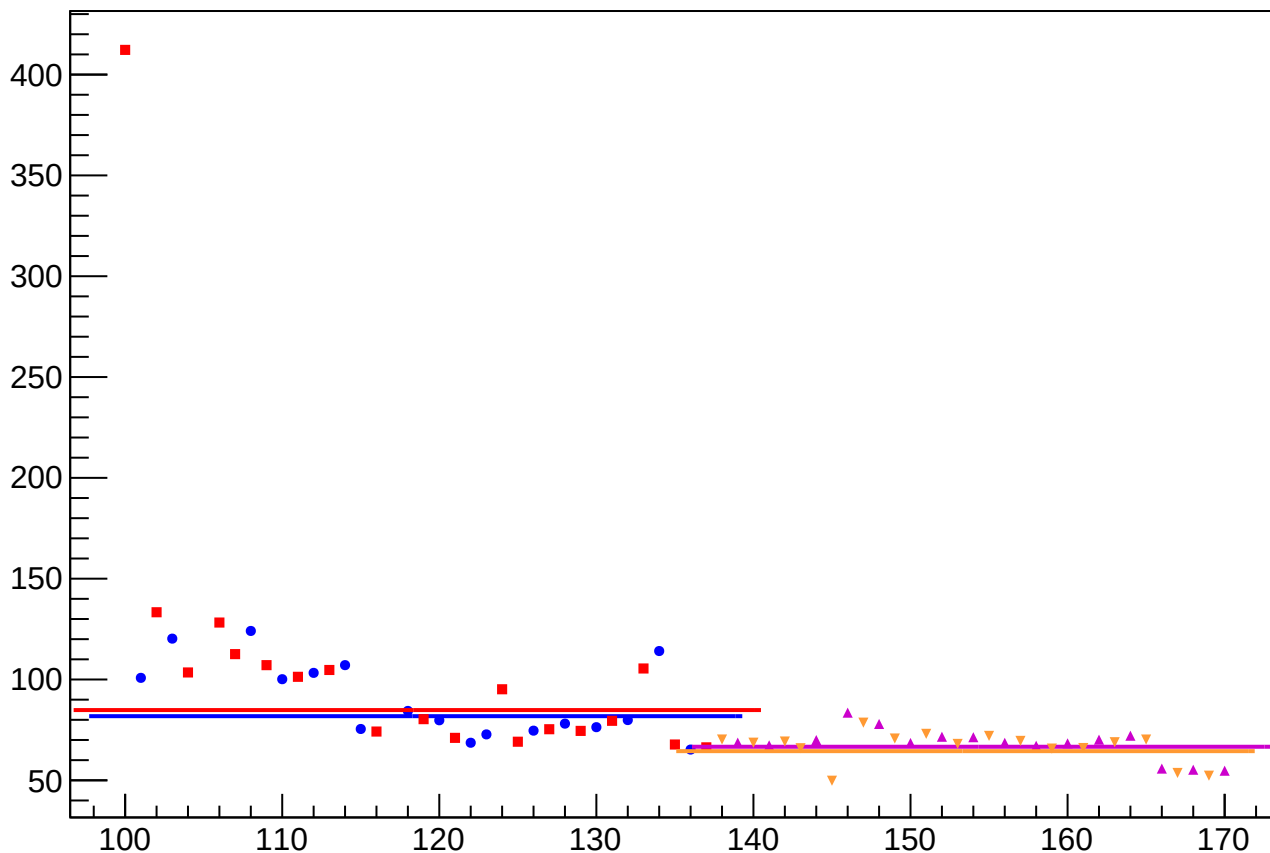
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -27.499 ± 16.392 χ^2/NDF : 26.8/32

Out: -11.212 ± 15.902 χ^2/NDF : 43.5/35

All: -19.108 ± 11.414 χ^2/NDF : 70.8/68

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: 64.461 $\pm$ 0.013 χ^2 /NDF: 430555.1/16

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 66.646 $\pm$ 0.013 χ^2 /NDF: 317387.9/15

Left: 65.504 $\pm$ 0.009 χ^2 /NDF: 761724.8/32

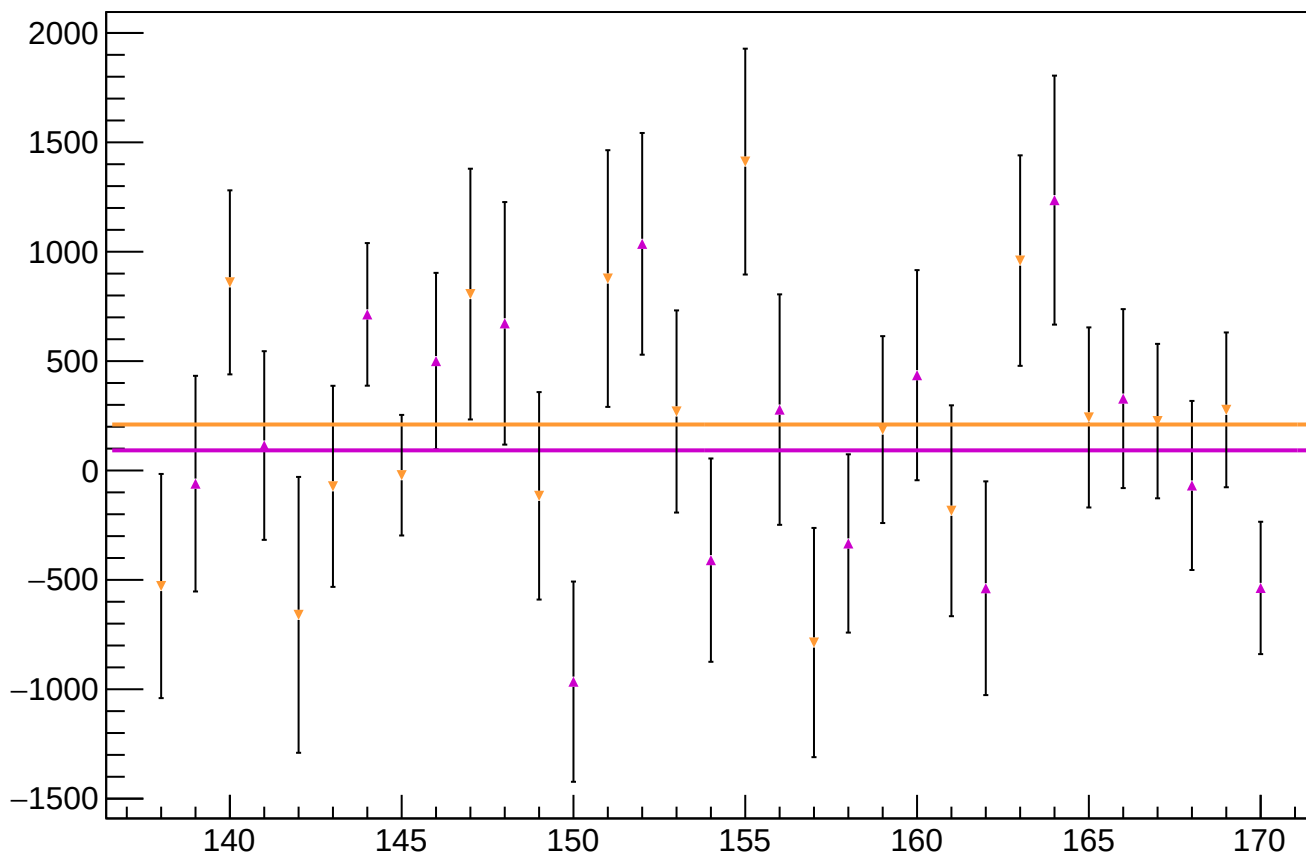
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 70.554 $\pm$ 0.012 χ^2 /NDF: 1151941.3/32

Out: 69.256 $\pm$ 0.011 χ^2 /NDF: 1725987.9/35

All: 69.885 $\pm$ 0.008 χ^2 /NDF: 2884390.6/68

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: 210.271+/-106.373 χ^2/NDF :22.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.055+/-107.551 χ^2/NDF :28.1/15

Left: 151.815+/-75.630 χ^2/NDF : 51.2/32

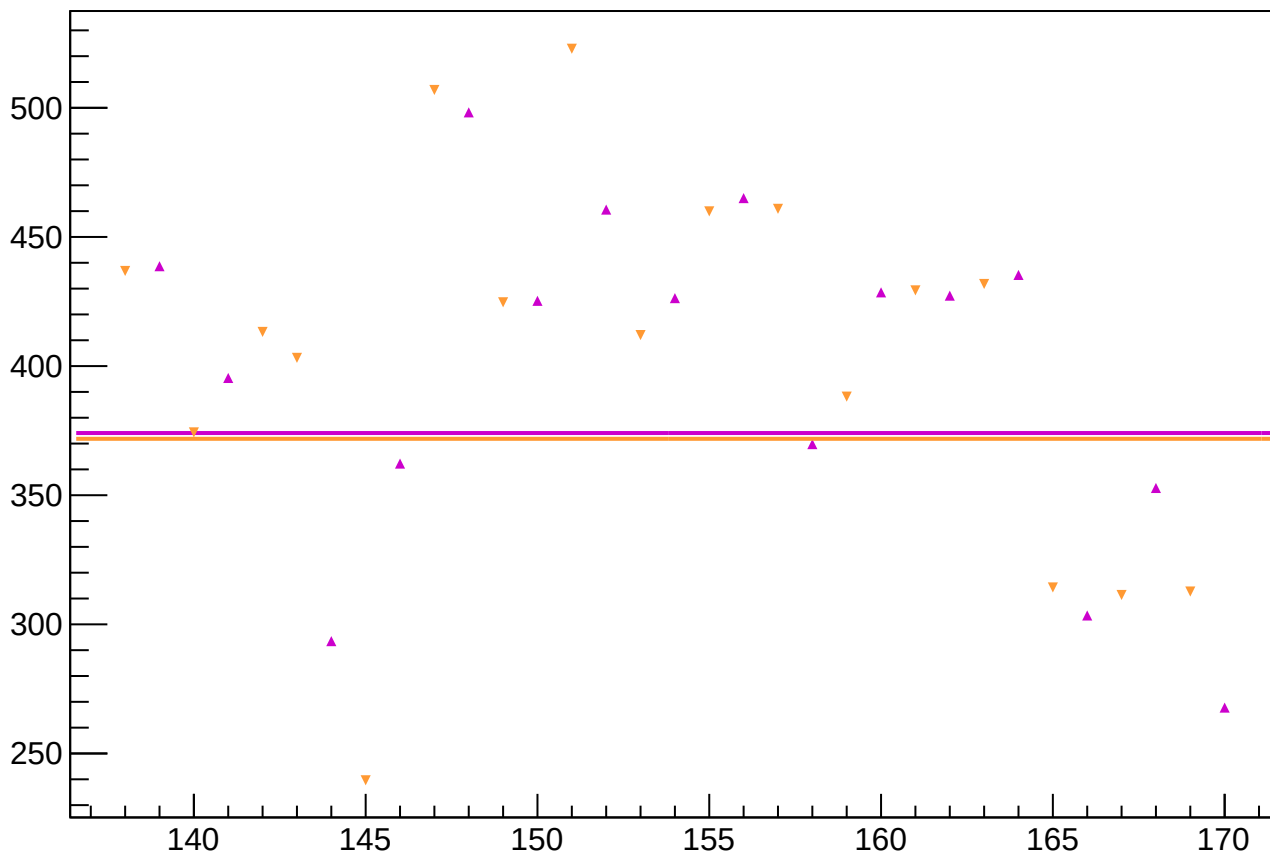
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.055+/-107.551 χ^2/NDF :28.1/15

Out: 210.271+/-106.373 χ^2/NDF :22.5/16

All: 151.815+/-75.630 χ^2/NDF : 51.2/32

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: 371.840+/-0.075 χ^2/NDF :1126224.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Left: 372.948+/-0.053 χ^2/NDF : 1943962.6/32

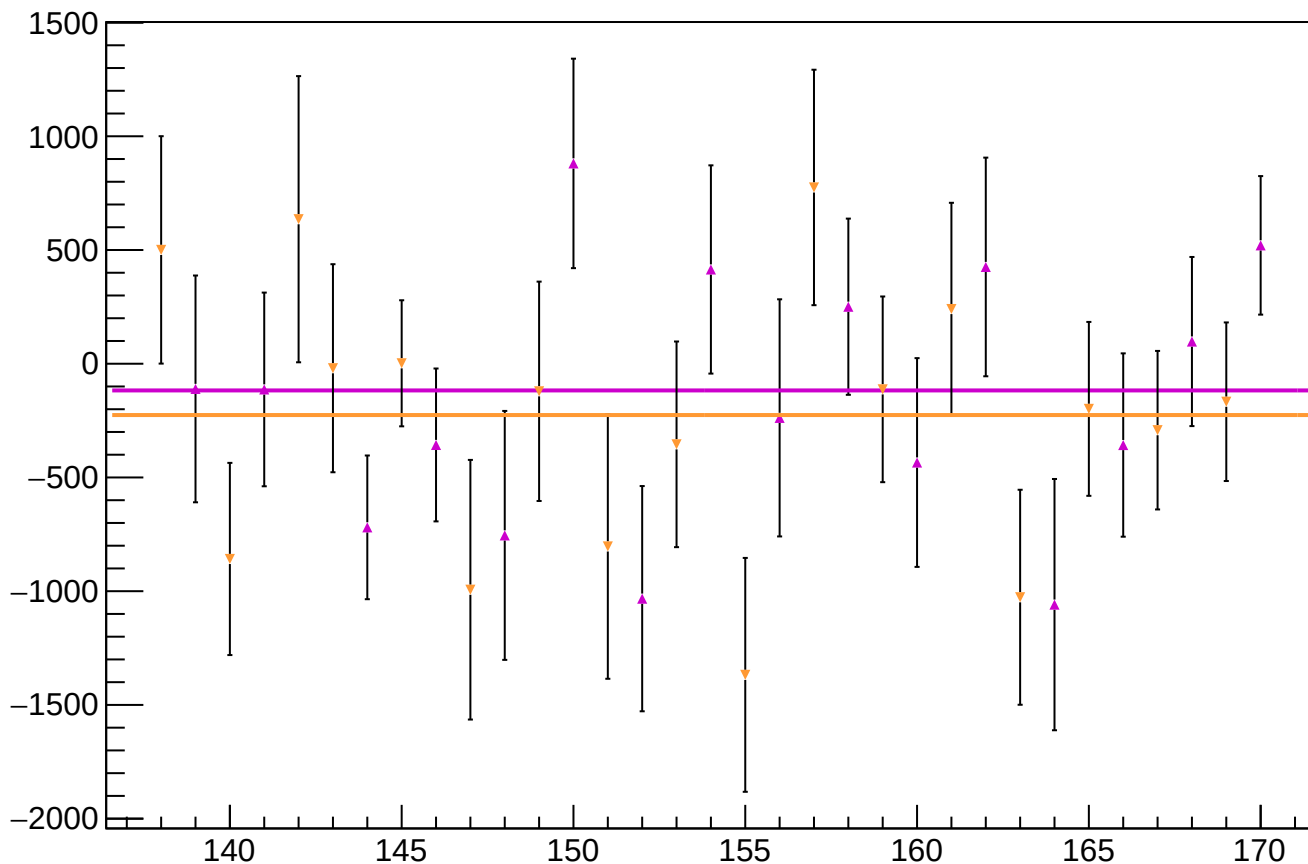
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Out: 371.840+/-0.075 χ^2/NDF :1126224.5/16

All: 372.948+/-0.053 χ^2/NDF : 1943962.6/32

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -225.615+/-104.804 χ^2/NDF :22.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -117.386+/-104.143 χ^2/NDF :25.7/15

Left: -171.158+/-73.873 χ^2/NDF : 48.9/32

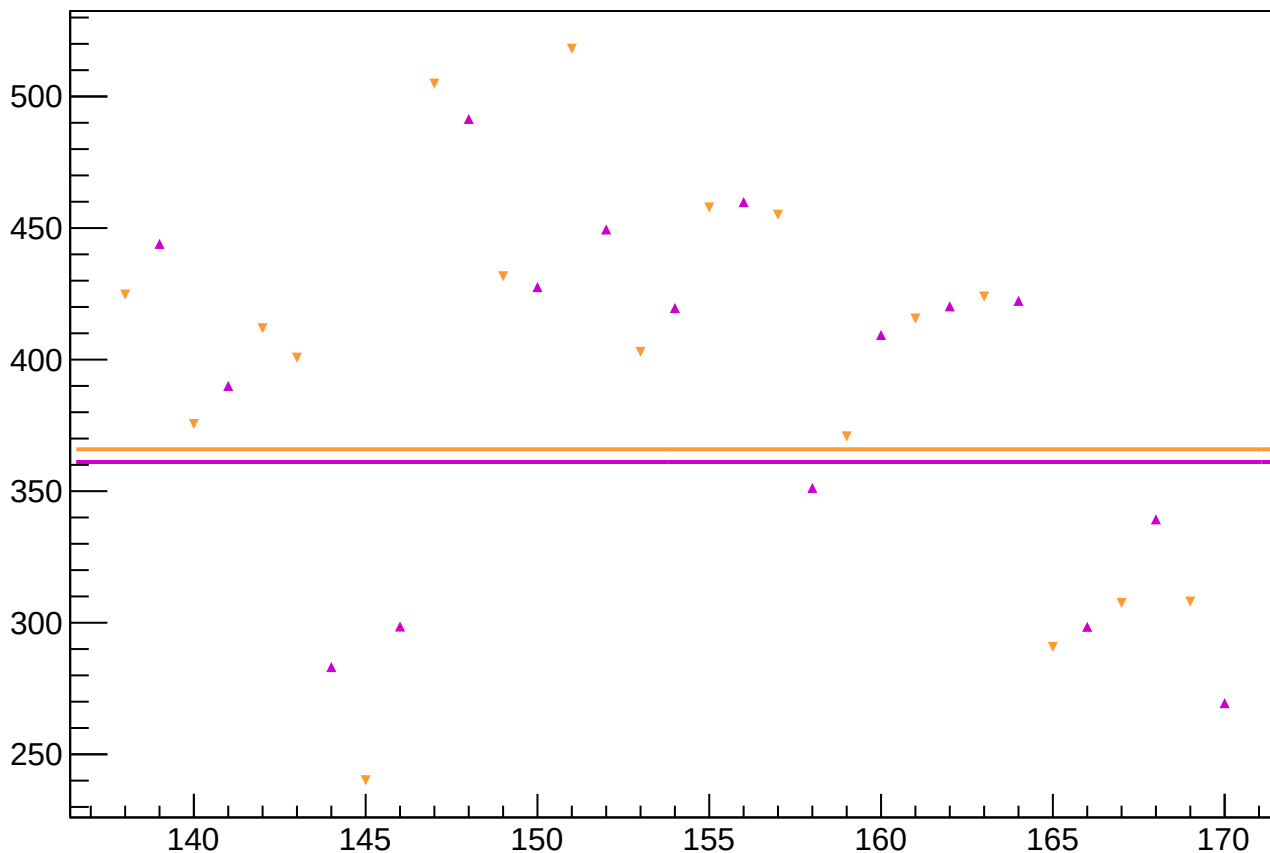
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -117.386+/-104.143 χ^2/NDF :25.7/15

Out: -225.615+/-104.804 χ^2/NDF :22.7/16

All: -171.158+/-73.873 χ^2/NDF : 48.9/32

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 365.920+/-0.074 χ^2/NDF :1133993.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Left: 363.490+/-0.052 χ^2/NDF : 2029669.4/32

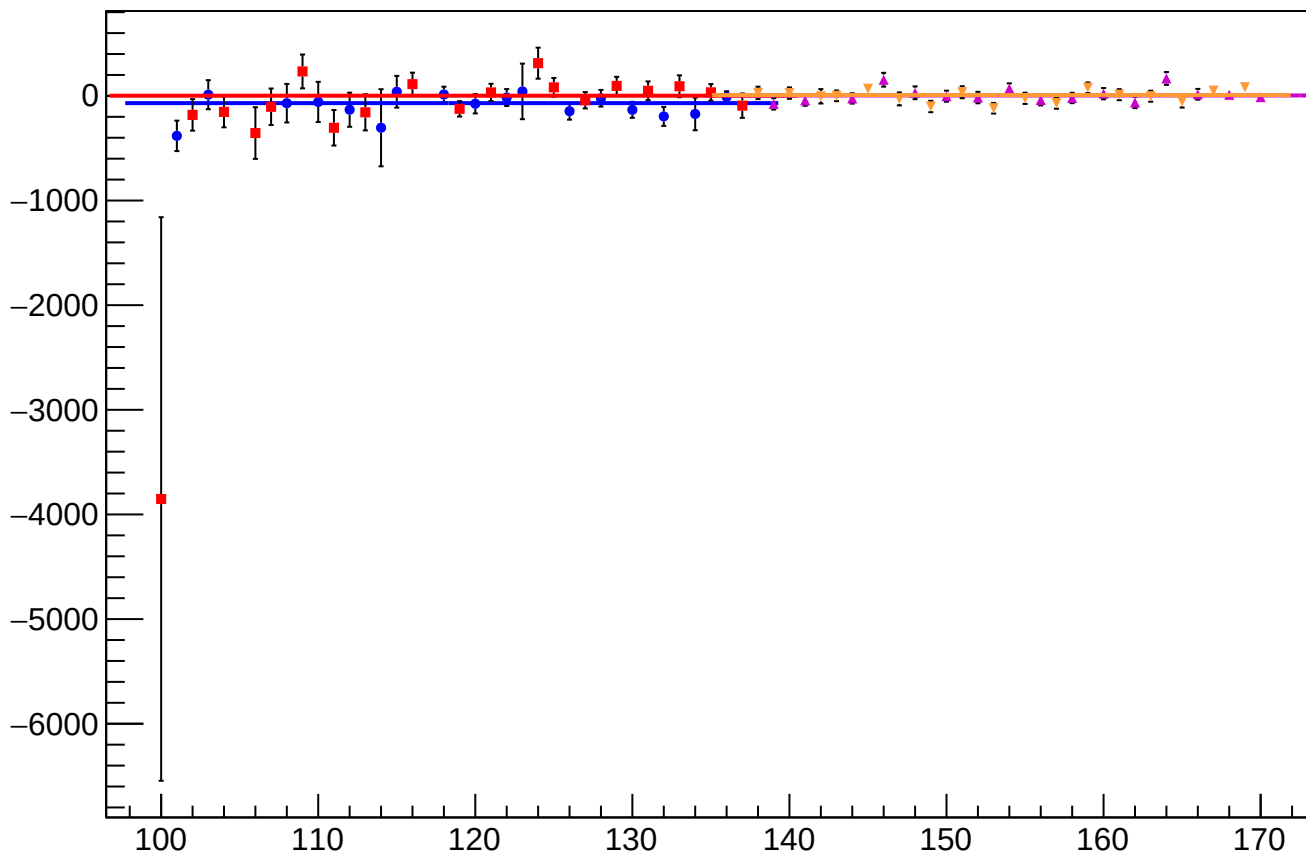
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Out: 365.920+/-0.074 χ^2/NDF :1133993.5/16

All: 363.490+/-0.052 χ^2/NDF : 2029669.4/32

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: 7.739 ± 12.462 χ^2/NDF : 23.3/16

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 3.967 ± 12.861 χ^2/NDF : 20.4/15

Left: 5.912 ± 8.949 χ^2/NDF : 43.8/32

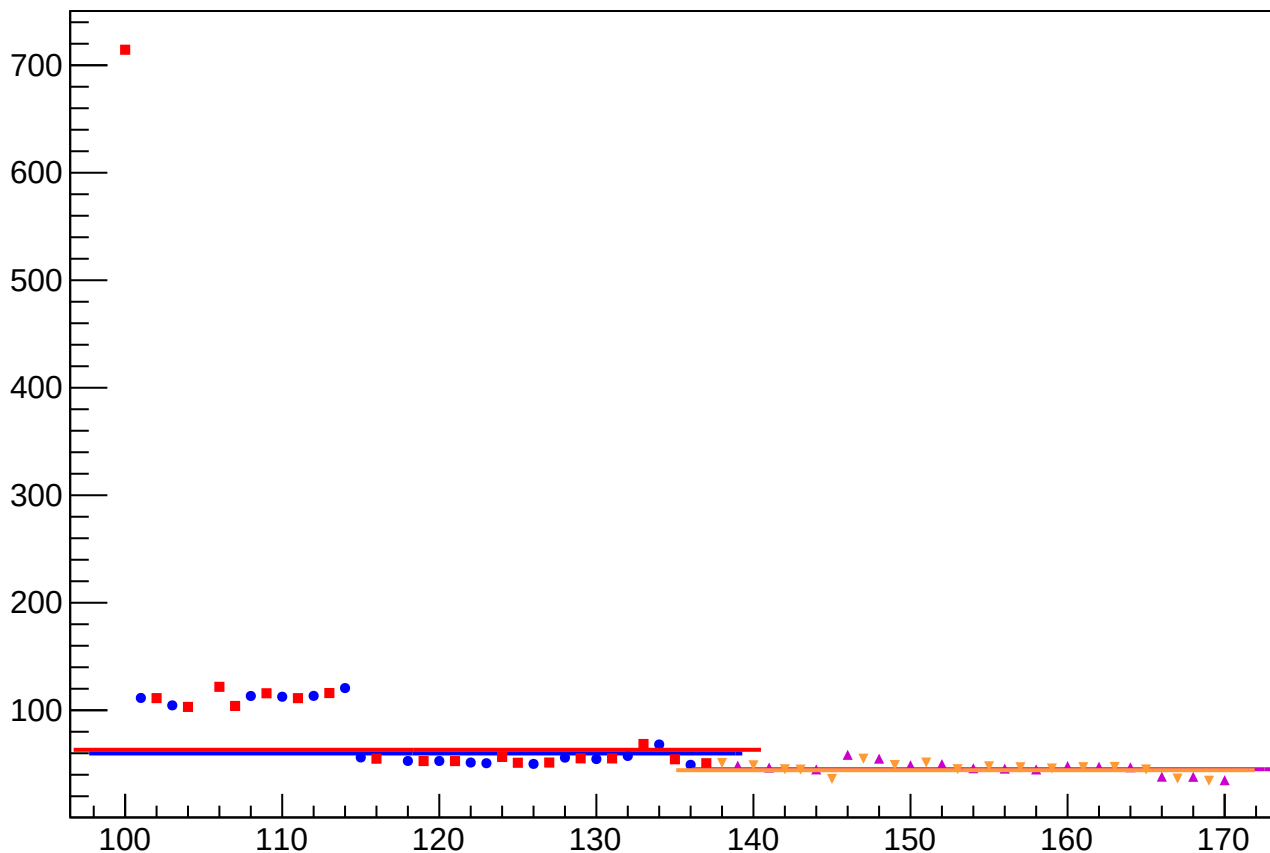
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -12.081 ± 11.363 χ^2/NDF : 41.0/32

Out: 6.560 ± 11.169 χ^2/NDF : 49.2/35

All: -2.601 ± 7.965 χ^2/NDF : 91.5/68

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 44.226 $\pm$ 0.009 χ^2 /NDF: 452310.1/16

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 45.134 $\pm$ 0.009 χ^2 /NDF: 407152.9/15

Left: 44.666 $\pm$ 0.006 χ^2 /NDF: 864597.2/32

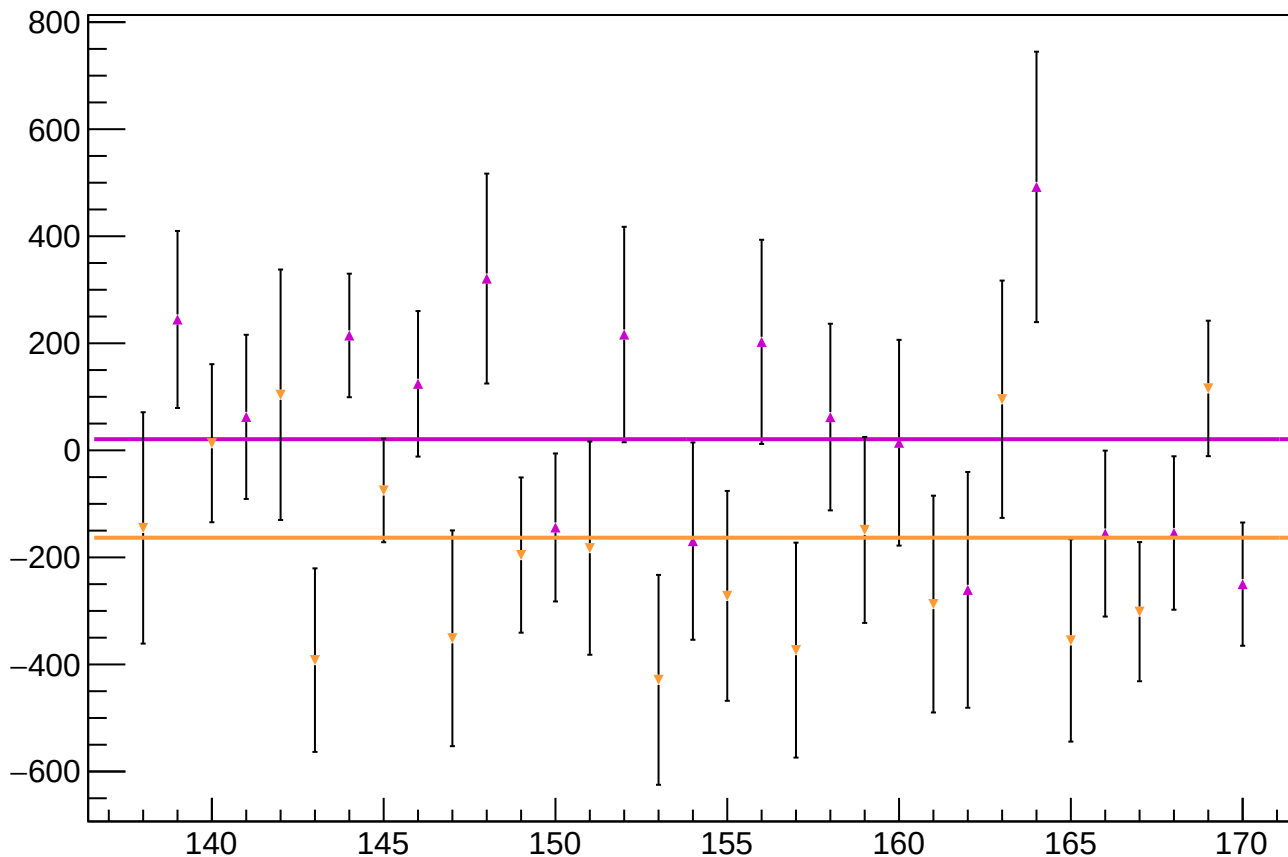
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 48.353 $\pm$ 0.008 χ^2 /NDF: 2208407.2/32

Out: 47.962 $\pm$ 0.008 χ^2 /NDF: 2870571.5/35

All: 48.154 $\pm$ 0.006 χ^2 /NDF: 5080180.5/68

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: -163.202+/-39.901 χ^2/NDF : 18.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.811+/-39.833 χ^2/NDF : 25.5/15

Left: -71.039+/-28.190 χ^2/NDF : 54.4/32

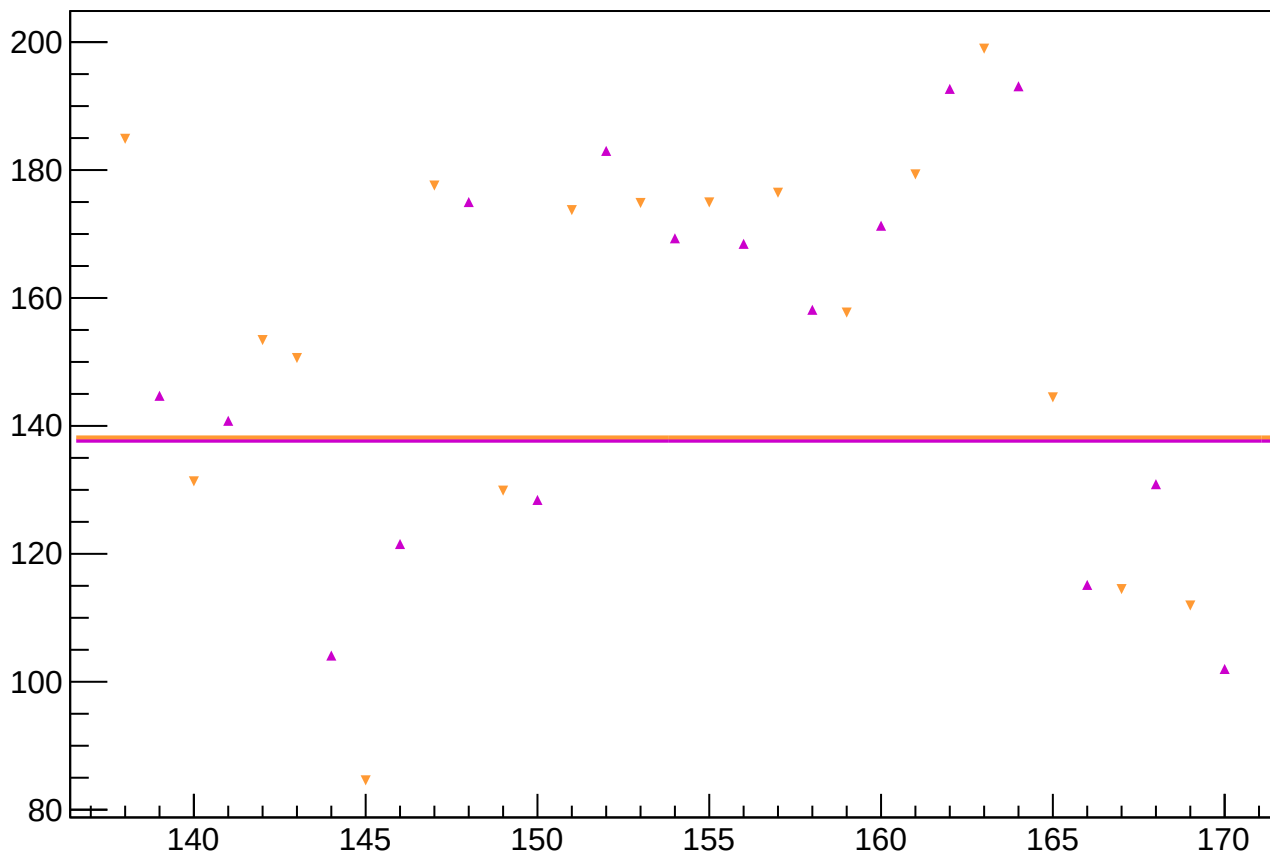
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.811+/-39.833 χ^2/NDF : 25.5/15

Out: -163.202+/-39.901 χ^2/NDF : 18.3/16

All: -71.039+/-28.190 χ^2/NDF : 54.4/32

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 138.198+/-0.028 χ^2/NDF :1503176.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Left: 137.942+/-0.020 χ^2/NDF : 2547803.2/32

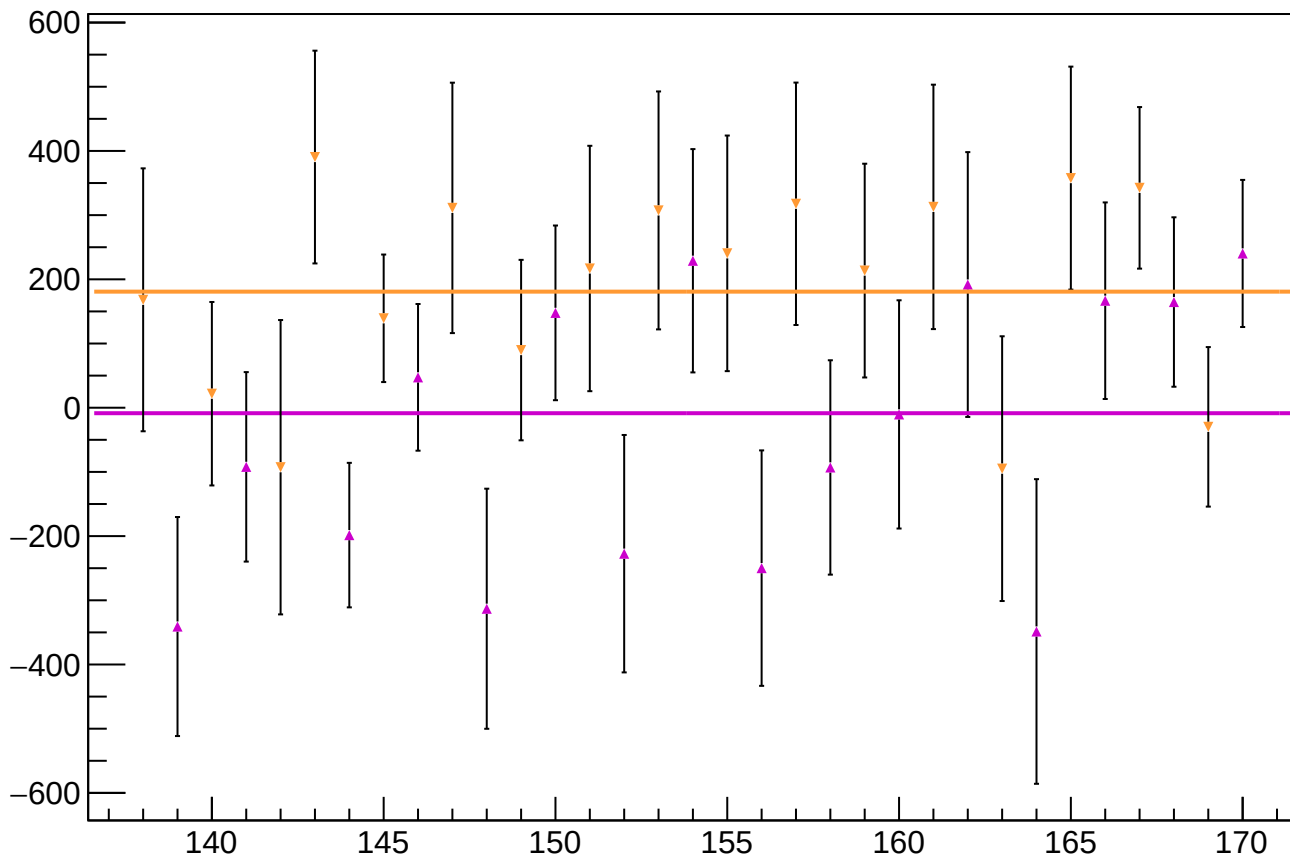
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Out: 138.198+/-0.028 χ^2/NDF :1503176.0/16

All: 137.942+/-0.020 χ^2/NDF : 2547803.2/32

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 180.826+/-38.662 χ^2/NDF :14.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.550+/-37.919 χ^2/NDF :27.2/15

Left: 84.300+/-27.072 χ^2/NDF : 53.7/32

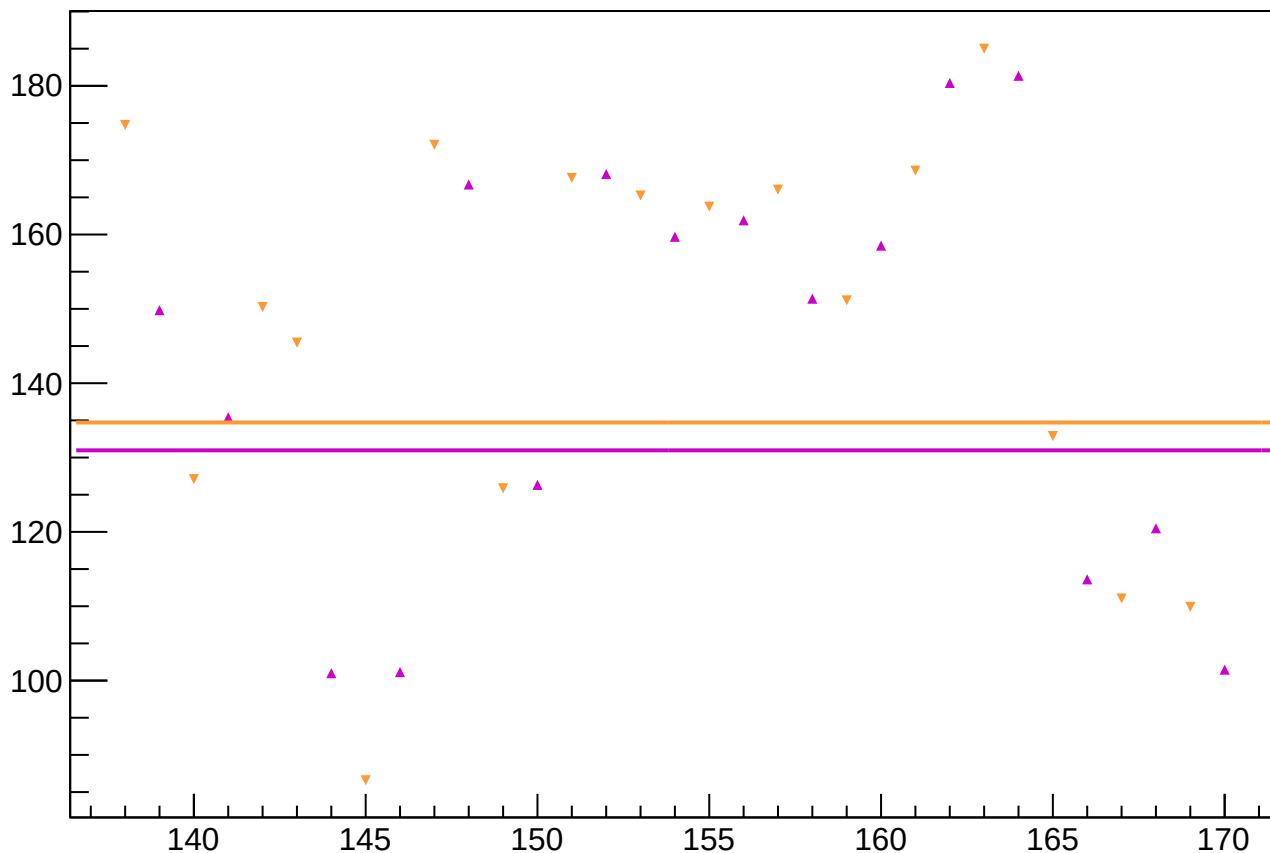
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.550+/-37.919 χ^2/NDF :27.2/15

Out: 180.826+/-38.662 χ^2/NDF :14.3/16

All: 84.300+/-27.072 χ^2/NDF : 53.7/32

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 134.717+/-0.027 χ^2/NDF :1221419.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Left: 132.807+/-0.019 χ^2/NDF : 2257008.4/32

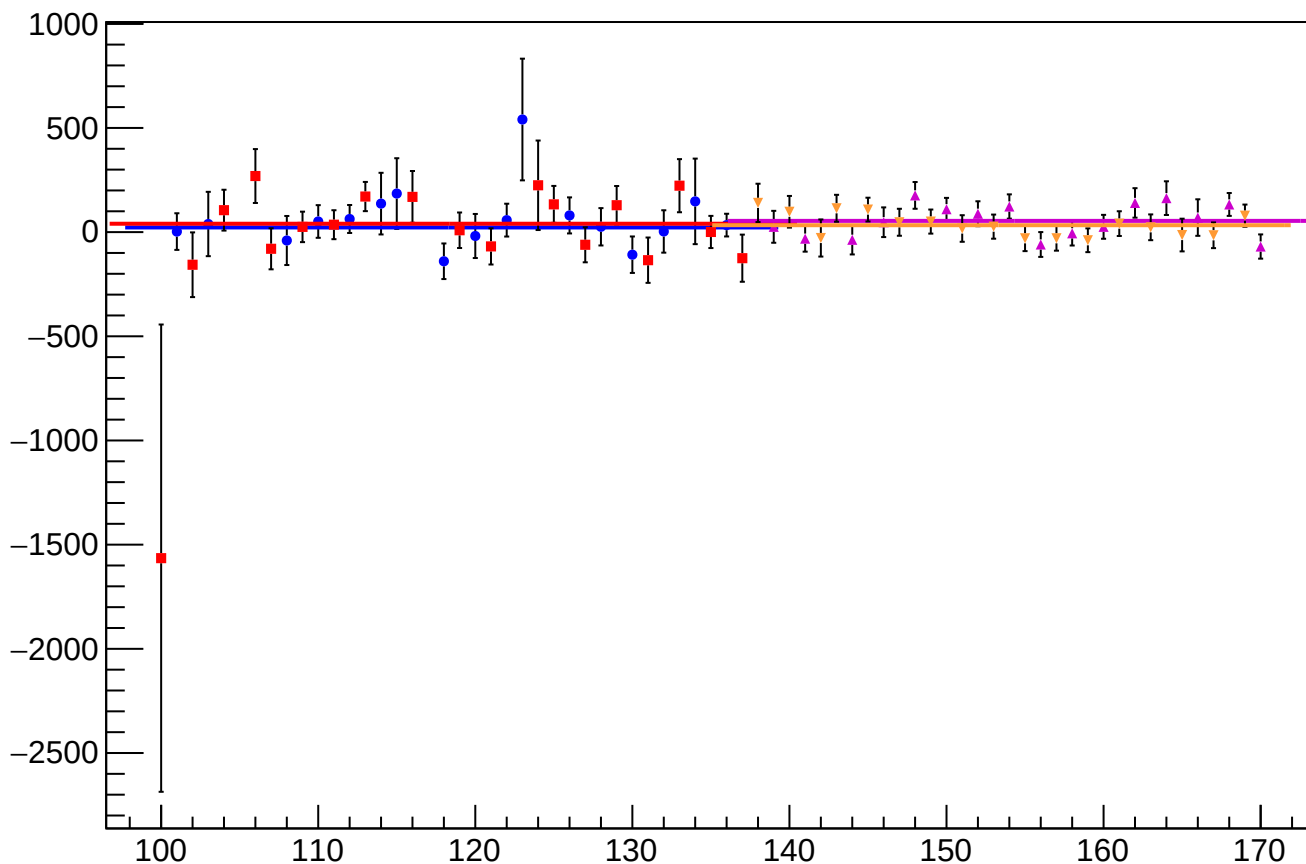
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Out: 134.717+/-0.027 χ^2/NDF :1221419.4/16

All: 132.807+/-0.019 χ^2/NDF : 2257008.4/32

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 33.189+/-15.389 χ^2/NDF : 11.6/16

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 53.946+/-15.872 χ^2/NDF : 24.9/15

Left: 43.247+/-11.048 χ^2/NDF : 37.4/32

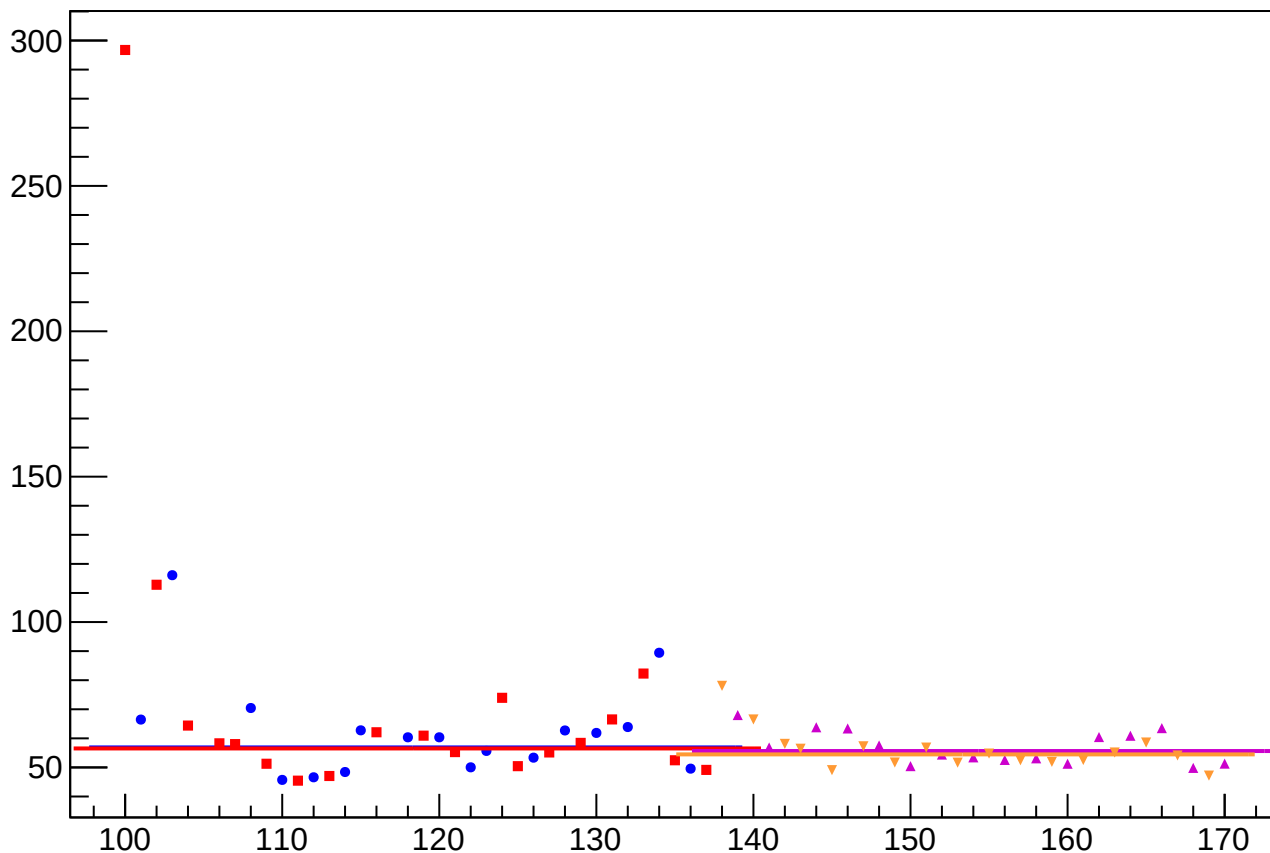
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 43.528+/-12.994 χ^2/NDF : 38.8/32

Out: 35.488+/-12.635 χ^2/NDF : 37.9/35

All: 39.395+/-9.058 χ^2/NDF : 76.9/68

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 54.488+/-0.011 χ^2/NDF : 272197.3/16

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 55.639+/-0.011 χ^2/NDF : 215002.2/15

Left: 55.045+/-0.008 χ^2/NDF : 492620.6/32

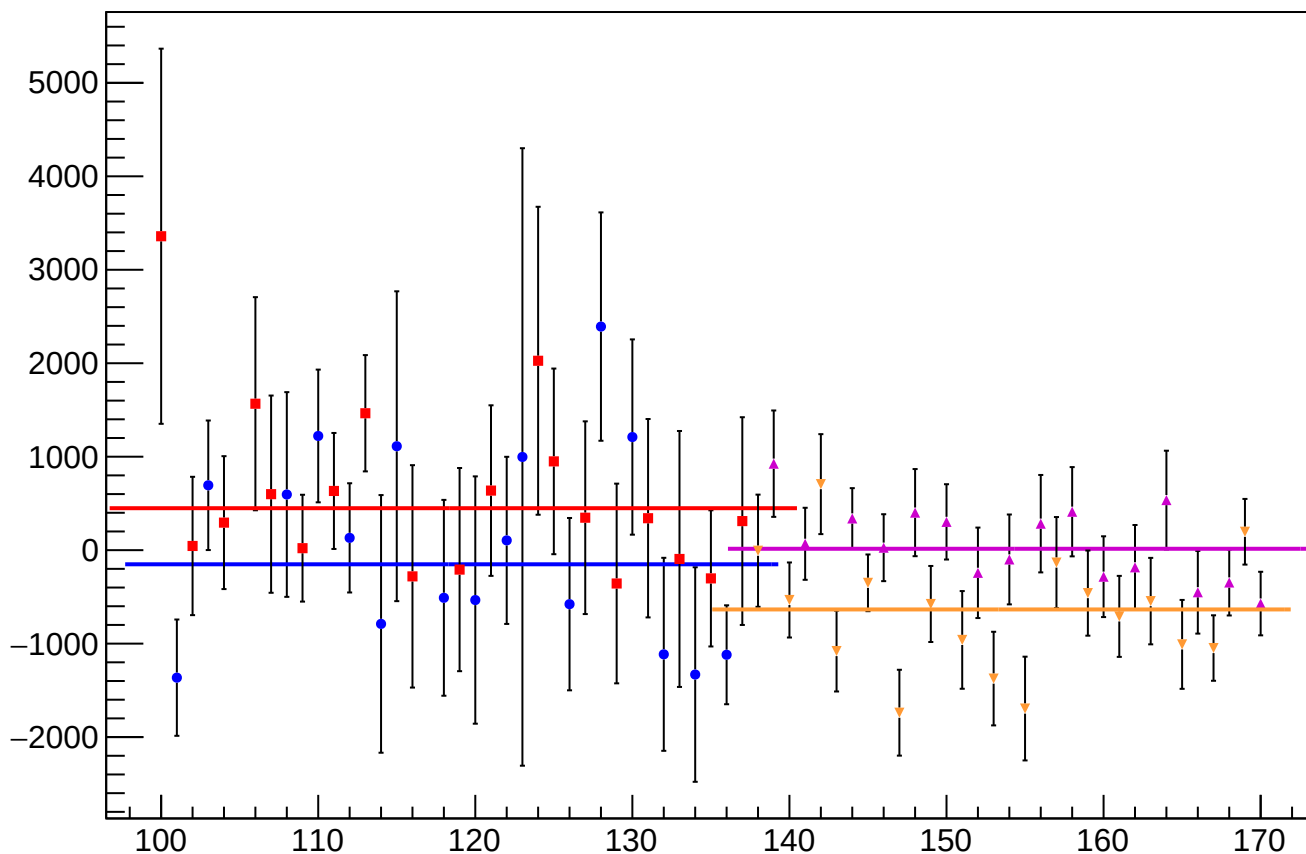
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 56.048+/-0.009 χ^2/NDF : 794515.9/32

Out: 55.152+/-0.009 χ^2/NDF : 895924.7/35

All: 55.588+/-0.006 χ^2/NDF : 1695320.0/68

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -634.298 $\pm$ 105.370 χ^2 /NDF:30.3/16

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 14.826 $\pm$ 105.317 χ^2 /NDF:12.8/15

Left: -309.571 $\pm$ 74.489 χ^2 /NDF: 62.1/32

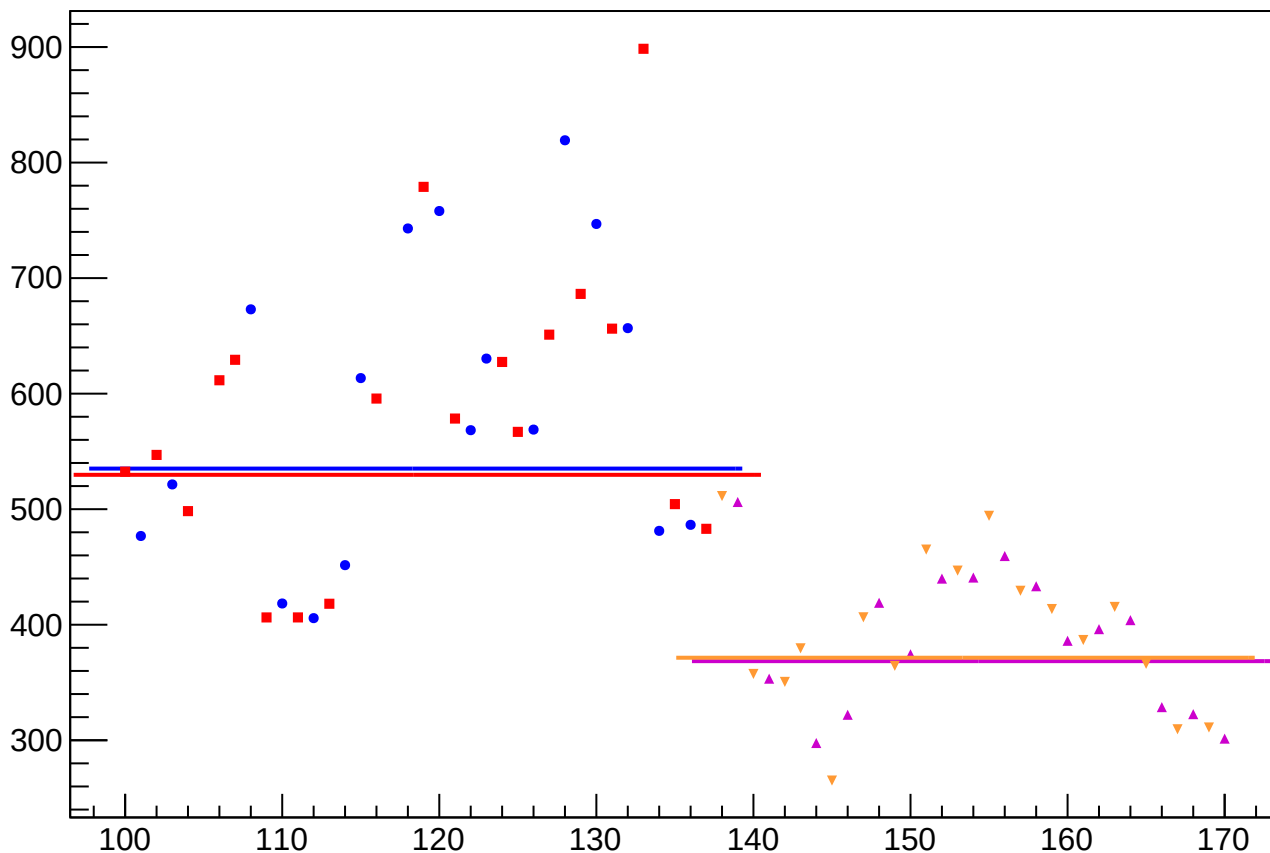
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: -17.925 $\pm$ 94.359 χ^2 /NDF:35.8/32

Out: -406.162 $\pm$ 93.619 χ^2 /NDF:63.1/35

All: -213.571 $\pm$ 66.459 χ^2 /NDF: 107.4/68

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 371.434+/-0.075 χ^2/NDF : 767983.8/16

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 368.475+/-0.074 χ^2/NDF : 607571.2/15

Left: 369.954+/-0.053 χ^2/NDF : 1376343.7/32

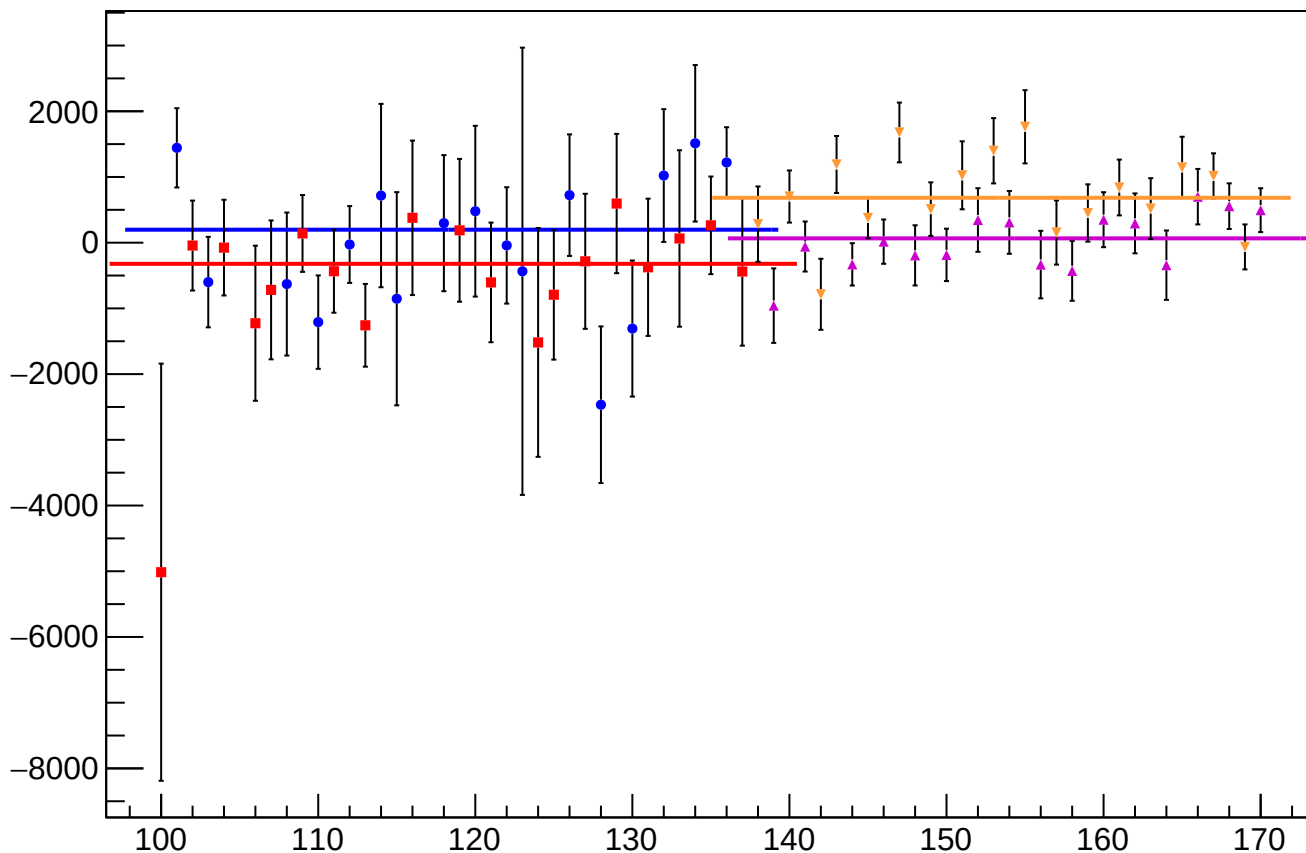
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 401.353+/-0.067 χ^2/NDF : 2191683.8/32

Out: 404.776+/-0.066 χ^2/NDF : 2365552.4/35

All: 403.078+/-0.047 χ^2/NDF : 4558562.9/68

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 683.330+/-104.392 χ^2/NDF : 29.9/16

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: 65.594+/-103.260 χ^2/NDF : 15.2/15

Left: 371.094+/-73.413 χ^2/NDF : 62.8/32

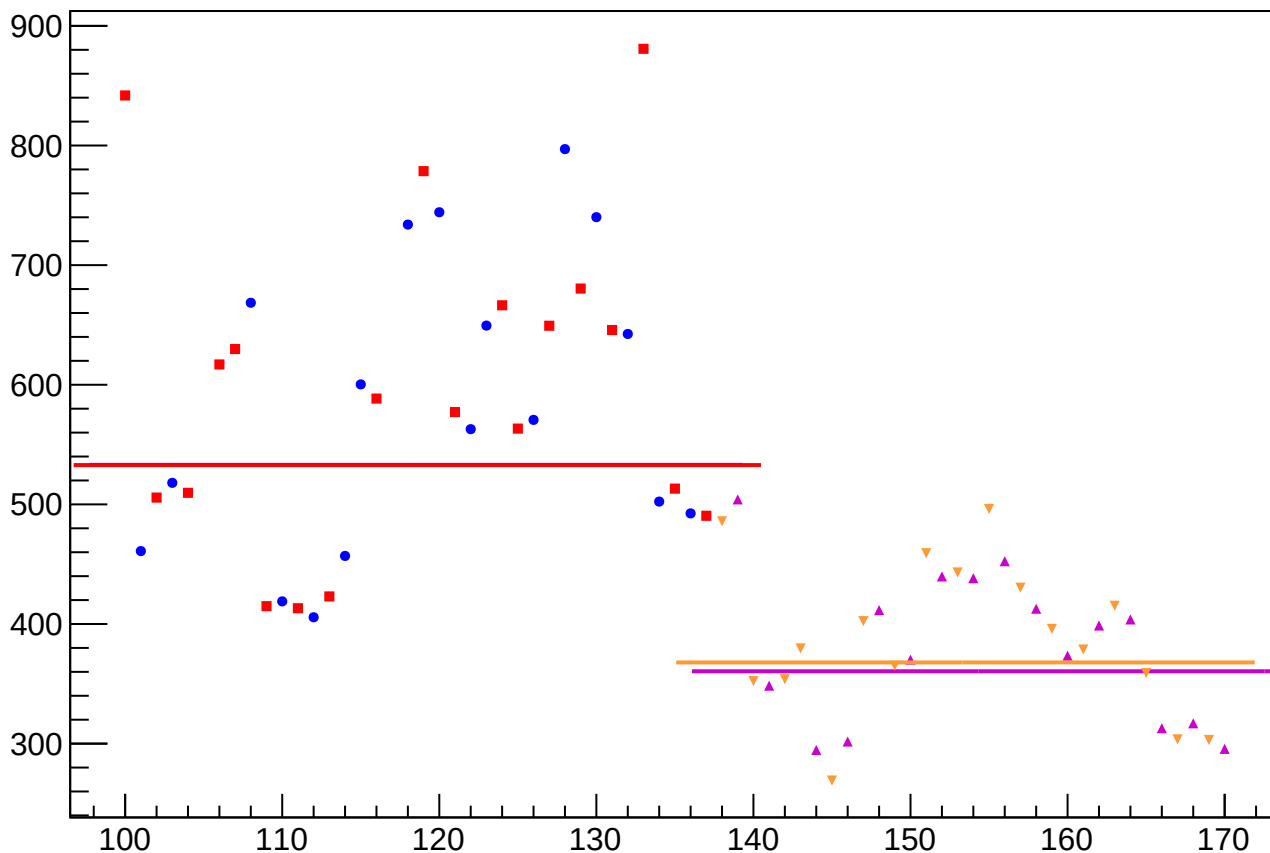
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: 91.000+/-92.790 χ^2/NDF : 39.4/32

Out: 476.835+/-93.050 χ^2/NDF : 57.8/35

All: 283.376+/-65.704 χ^2/NDF : 105.9/68

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 367.877+/-0.074 χ^2/NDF : 726807.4/16

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 360.494+/-0.073 χ^2/NDF : 659919.1/15

Left: 364.146+/-0.052 χ^2/NDF : 1391782.6/32

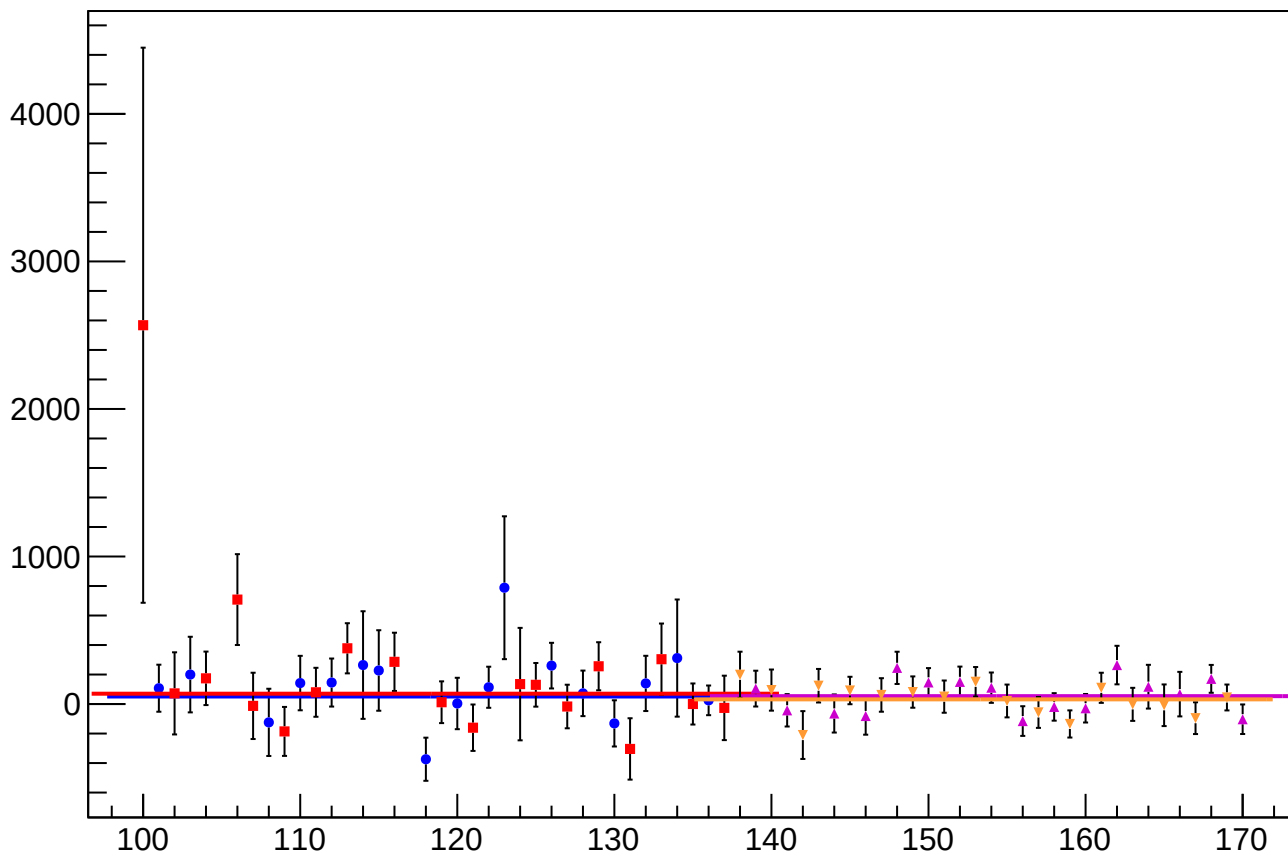
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 393.710+/-0.066 χ^2/NDF : 2301728.5/32

Out: 401.779+/-0.066 χ^2/NDF : 2370223.2/35

All: 397.733+/-0.046 χ^2/NDF : 4679491.7/68

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 31.667+/-26.680 χ^2/NDF :12.6/16

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 53.502+/-27.404 χ^2/NDF :19.0/15

Left: 42.293+/-19.116 χ^2/NDF : 31.9/32

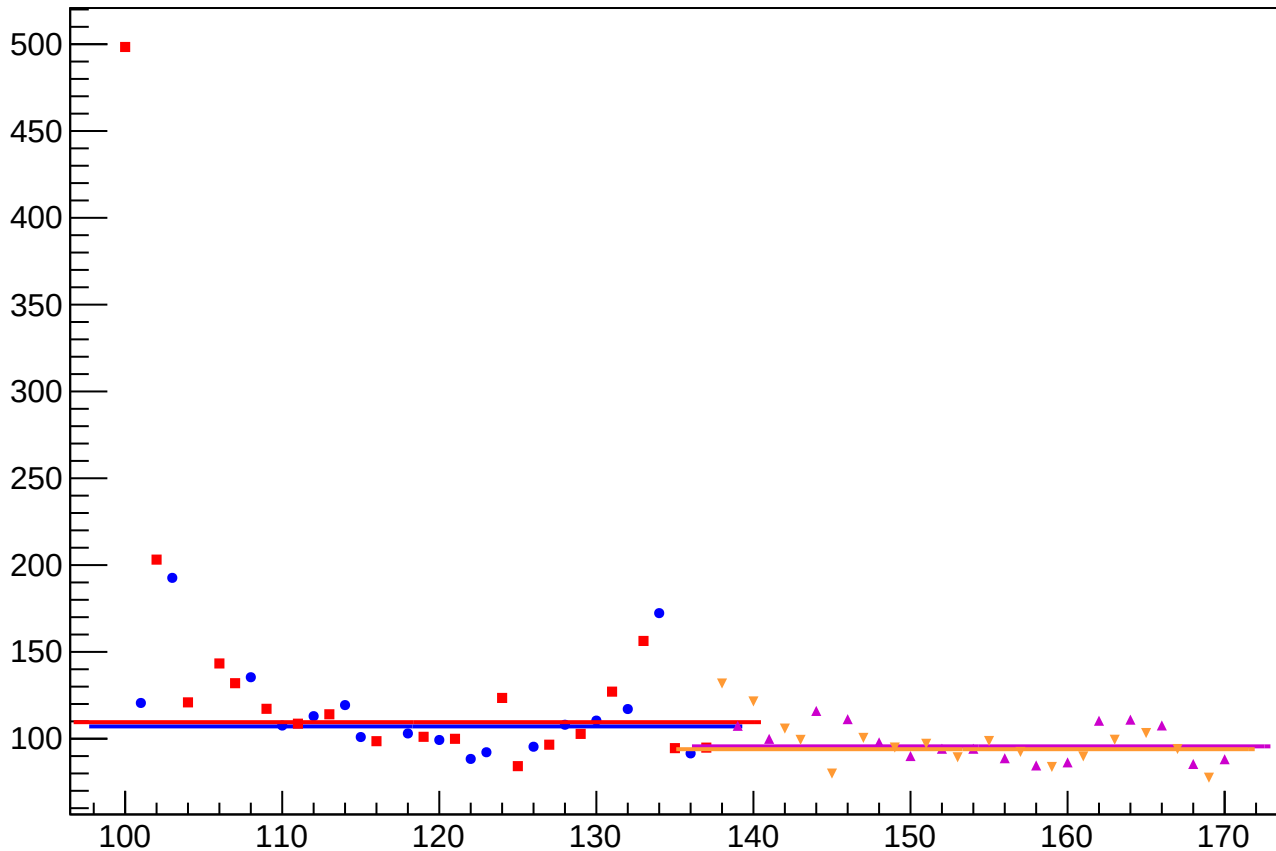
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 52.814+/-23.018 χ^2/NDF :36.4/32

Out: 42.417+/-22.640 χ^2/NDF :35.3/35

All: 47.530+/-16.141 χ^2/NDF : 71.8/68

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: 93.968 $\pm$ 0.019 χ^2 /NDF:383767.1/16

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 95.603 $\pm$ 0.019 χ^2 /NDF:259907.8/15

Left: 94.764 $\pm$ 0.014 χ^2 /NDF: 647331.7/32

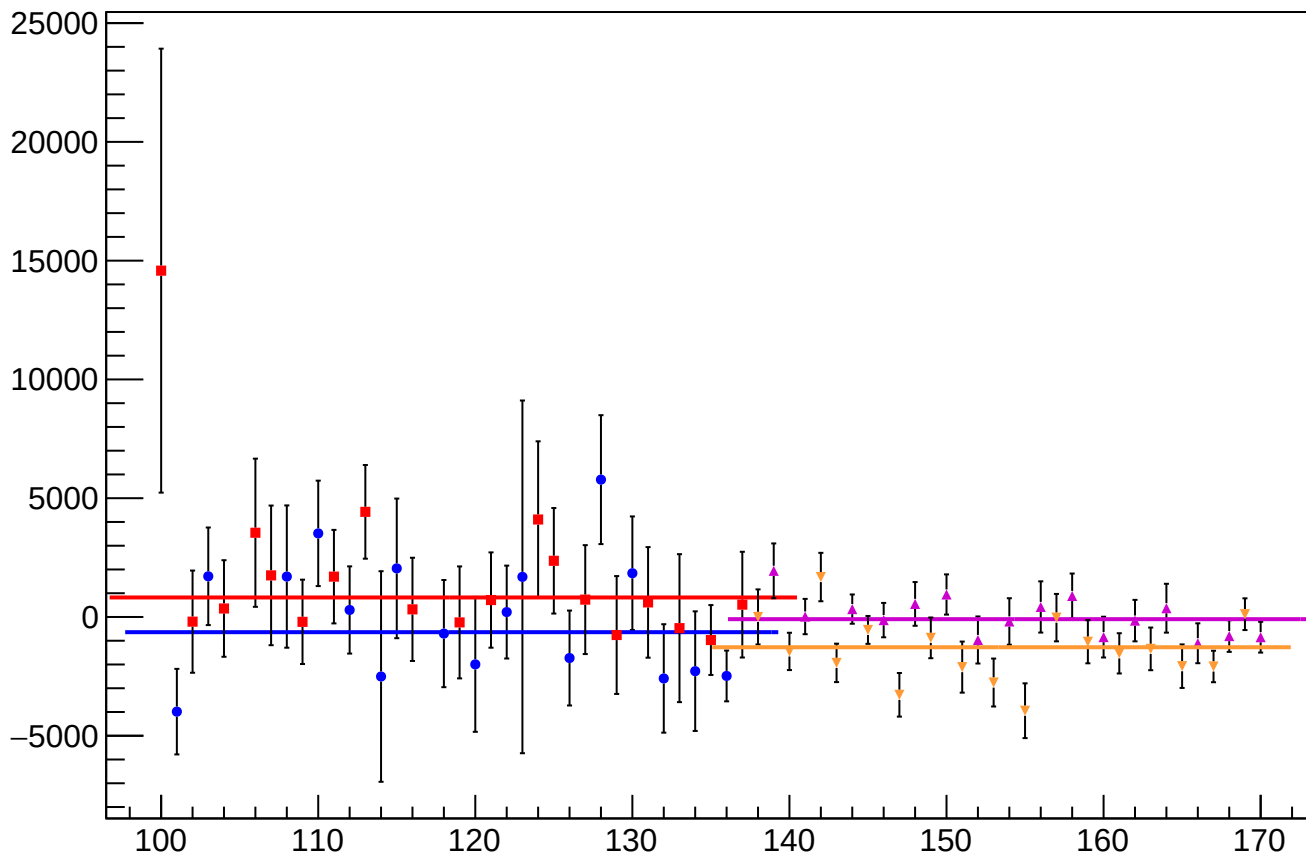
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 98.987 $\pm$ 0.016 χ^2 /NDF:801215.0/32

Out: 98.324 $\pm$ 0.016 χ^2 /NDF:1165773.1/35

All: 98.650 $\pm$ 0.011 χ^2 /NDF: 1967831.5/68

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1273.781+/-206.456 χ^2/NDF :33.3/16

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: -92.159+/-206.711 χ^2/NDF :12.6/15

Left: -683.698+/-146.077 χ^2/NDF : 62.3/32

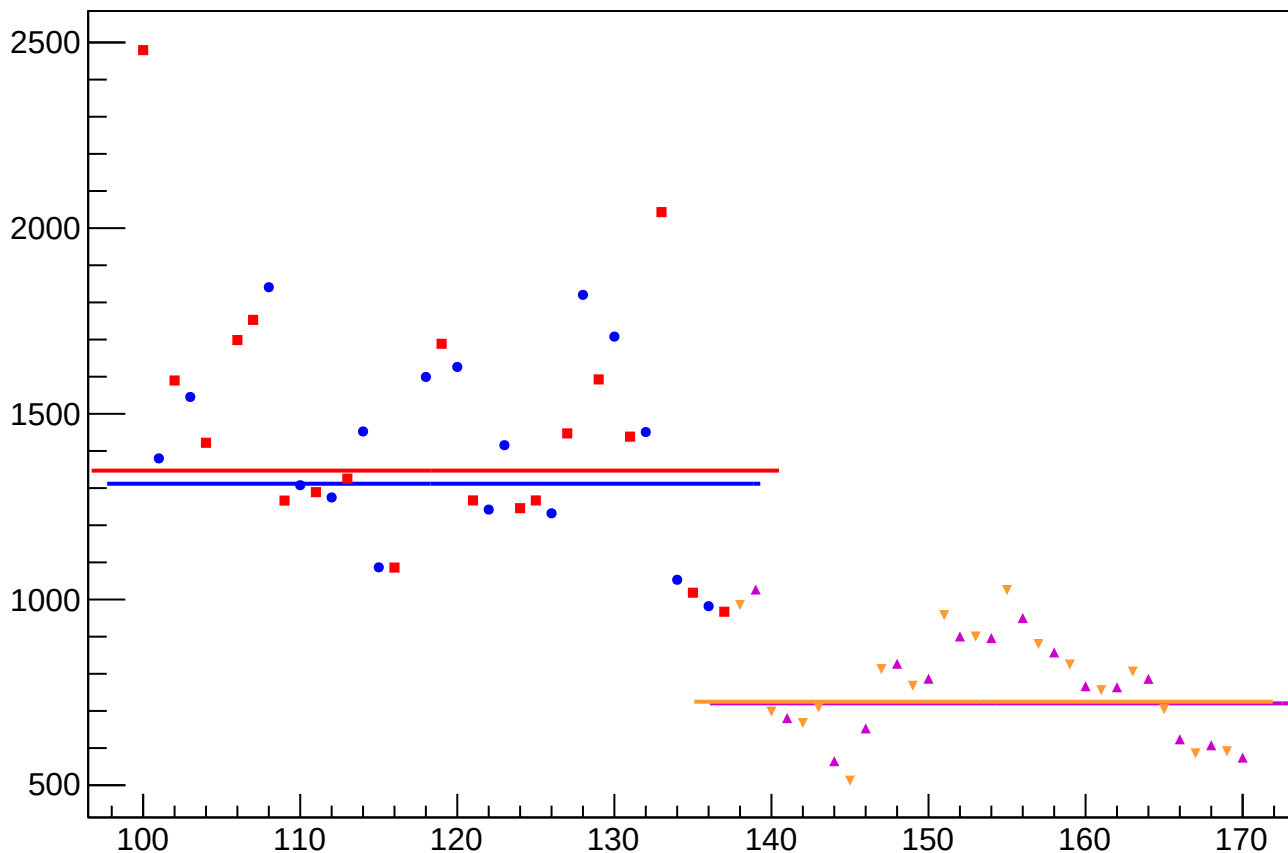
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -167.083+/-192.052 χ^2/NDF :35.4/32

Out: -984.318+/-191.666 χ^2/NDF :58.5/35

All: -576.525+/-135.665 χ^2/NDF : 103.0/68

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: 724.800 $\pm$ 0.146 χ^2 /NDF: 946901.3/16

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 720.406 $\pm$ 0.146 χ^2 /NDF: 799840.0/15

Left: 722.606 $\pm$ 0.103 χ^2 /NDF: 1747193.6/32

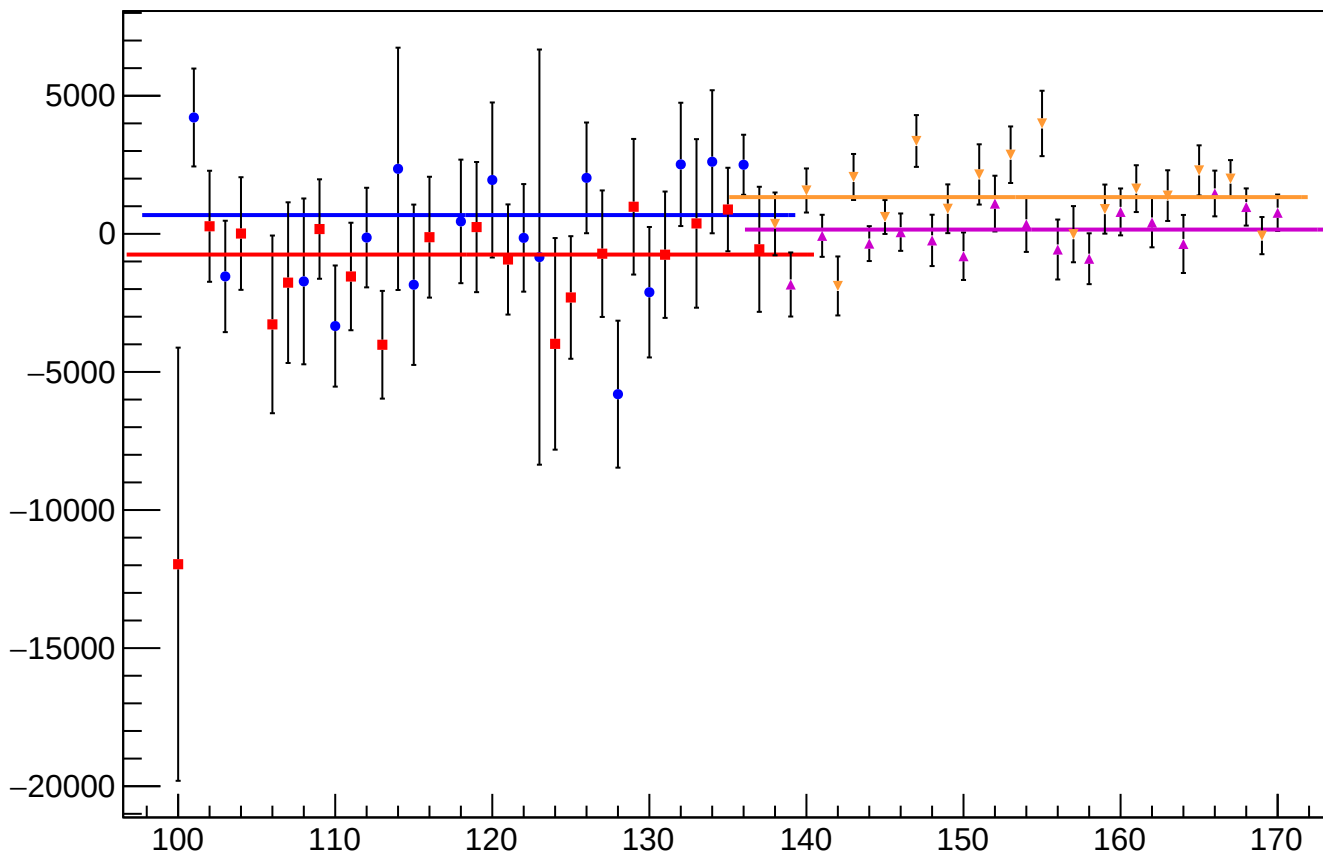
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 801.309 $\pm$ 0.136 χ^2 /NDF: 3551944.1/32

Out: 810.774 $\pm$ 0.136 χ^2 /NDF: 3947814.9/35

All: 806.051 $\pm$ 0.096 χ^2 /NDF: 7502192.9/68

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1330.279+/-209.879 χ^2/NDF :33.4/16

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: 154.887+/-207.707 χ^2/NDF :13.5/15

Left: 736.470+/-147.633 χ^2/NDF : 62.7/32

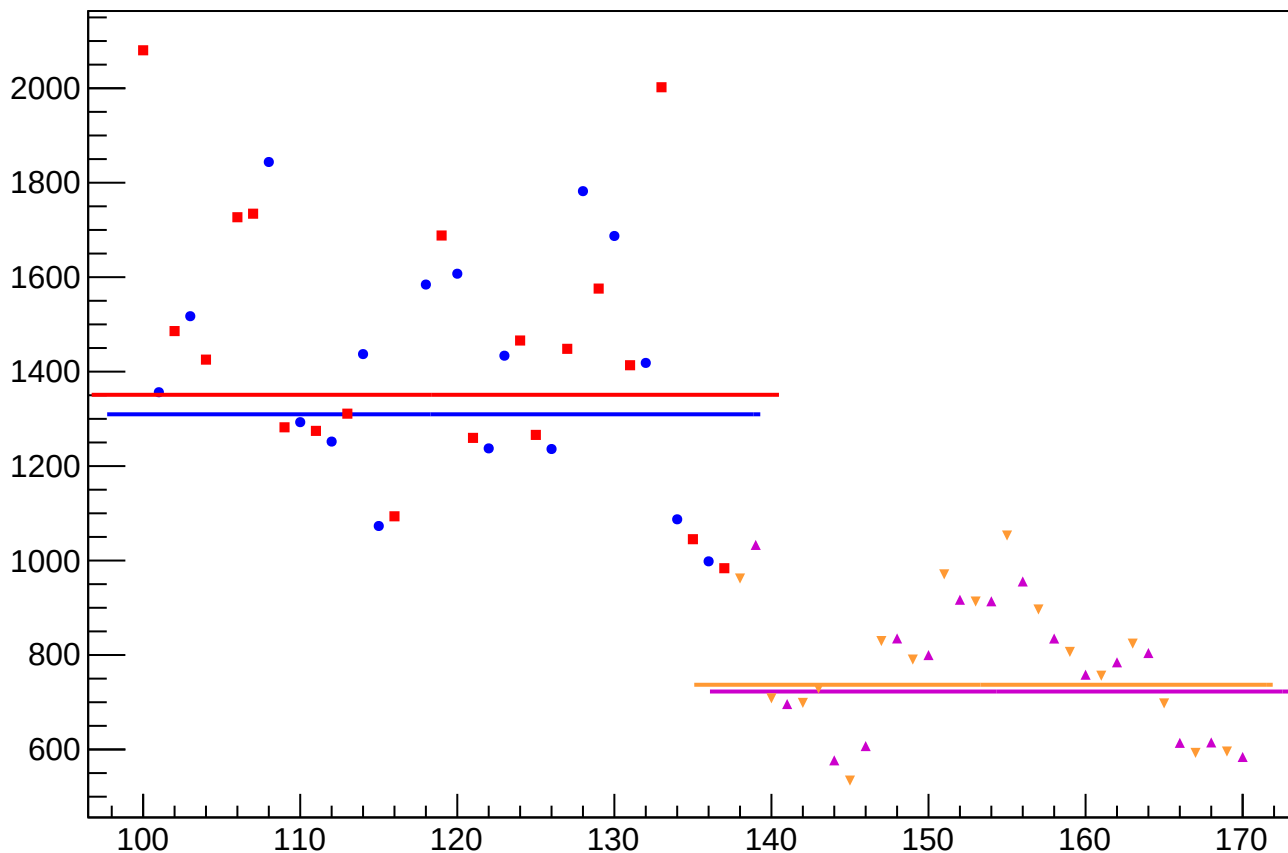
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 227.731+/-192.761 χ^2/NDF :36.9/32

Out: 1035.208+/-194.423 χ^2/NDF :57.0/35

All: 628.003+/-136.886 χ^2/NDF : 102.7/68

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 737.011+/-0.148 χ^2/NDF : 887771.6/16

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 722.690+/-0.147 χ^2/NDF : 824237.5/15

Left: 729.776+/-0.104 χ^2/NDF : 1716713.6/32

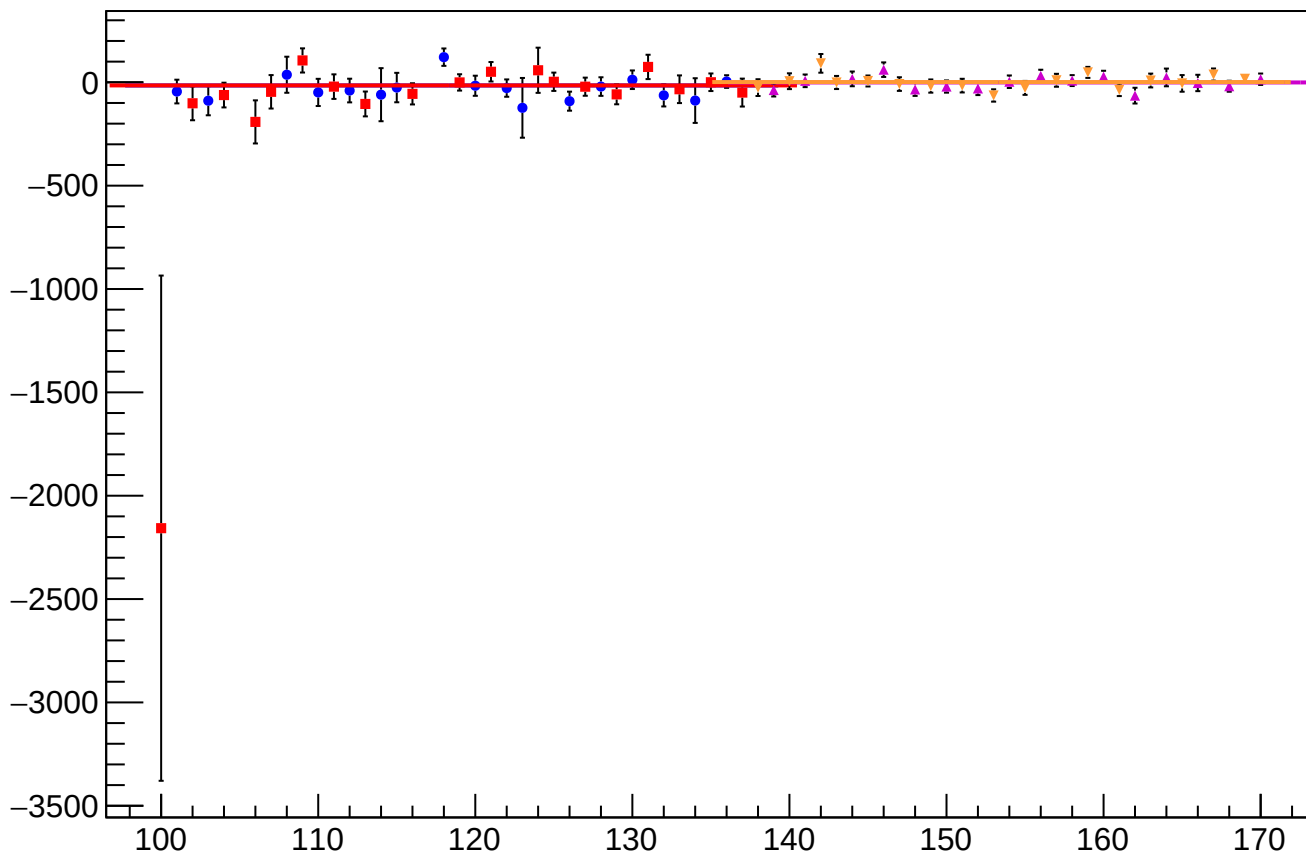
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 804.126+/-0.136 χ^2/NDF : 3499465.5/32

Out: 824.104+/-0.137 χ^2/NDF : 3738188.9/35

All: 814.029+/-0.097 χ^2/NDF : 7248304.1/68

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 1.141 ± 7.697 χ^2/NDF : 17.3/16

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -0.676 ± 7.829 χ^2/NDF : 13.4/15

Left: 0.248 ± 5.488 χ^2/NDF : 30.7/32

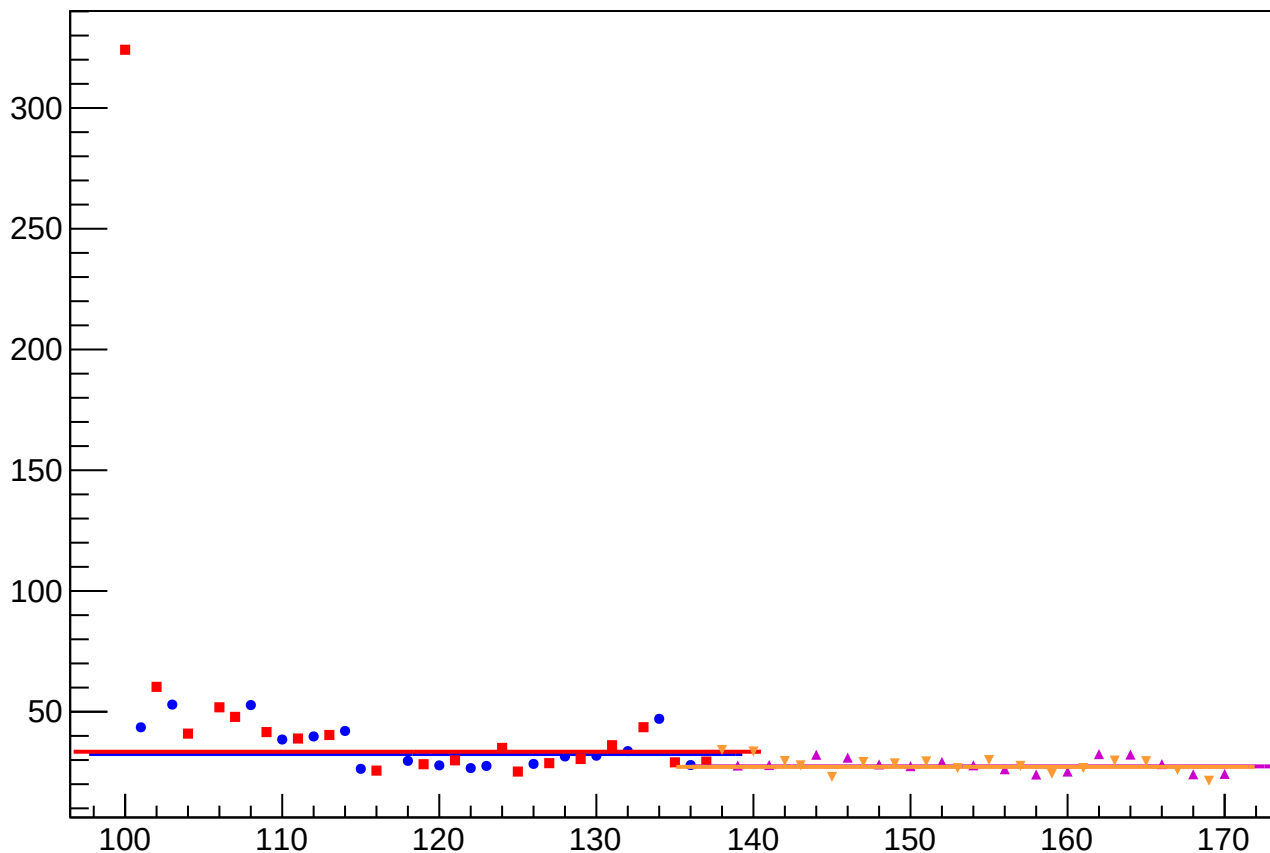
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -4.604 ± 6.694 χ^2/NDF : 32.6/32

Out: -3.024 ± 6.636 χ^2/NDF : 39.7/35

All: -3.807 ± 4.712 χ^2/NDF : 72.4/68

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: 27.176+/-0.005 χ^2/NDF : 364905.1/16

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.382+/-0.006 χ^2/NDF : 232931.2/15

Left: 27.277+/-0.004 χ^2/NDF : 598535.6/32

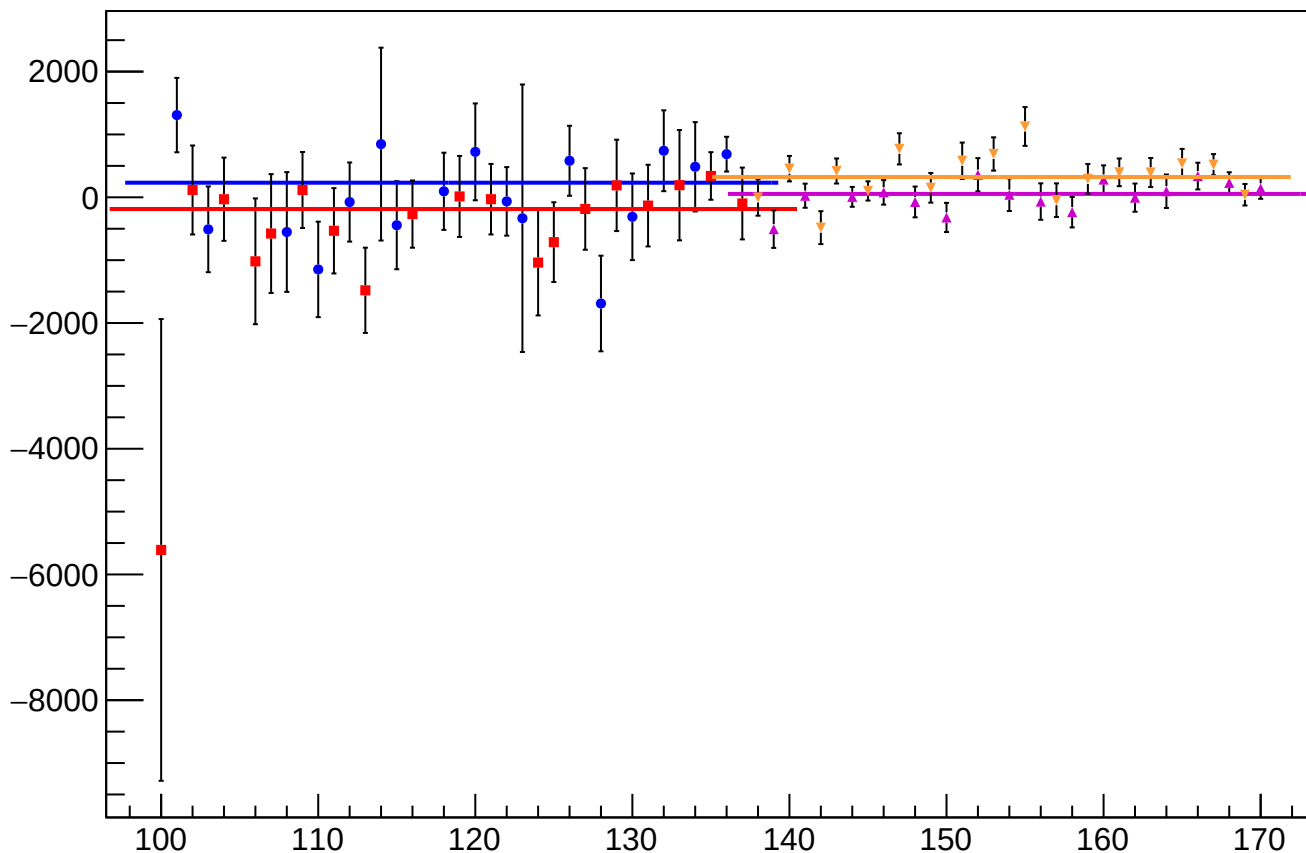
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 28.755+/-0.005 χ^2/NDF : 1056347.5/32

Out: 28.785+/-0.005 χ^2/NDF : 1543764.8/35

All: 28.771+/-0.003 χ^2/NDF : 2600132.7/68

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: 322.761 $\pm$ 53.526 χ^2 /NDF:33.9/16

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: 53.939 $\pm$ 53.792 χ^2 /NDF:13.7/15

Left: 189.016 $\pm$ 37.943 χ^2 /NDF: 60.2/32

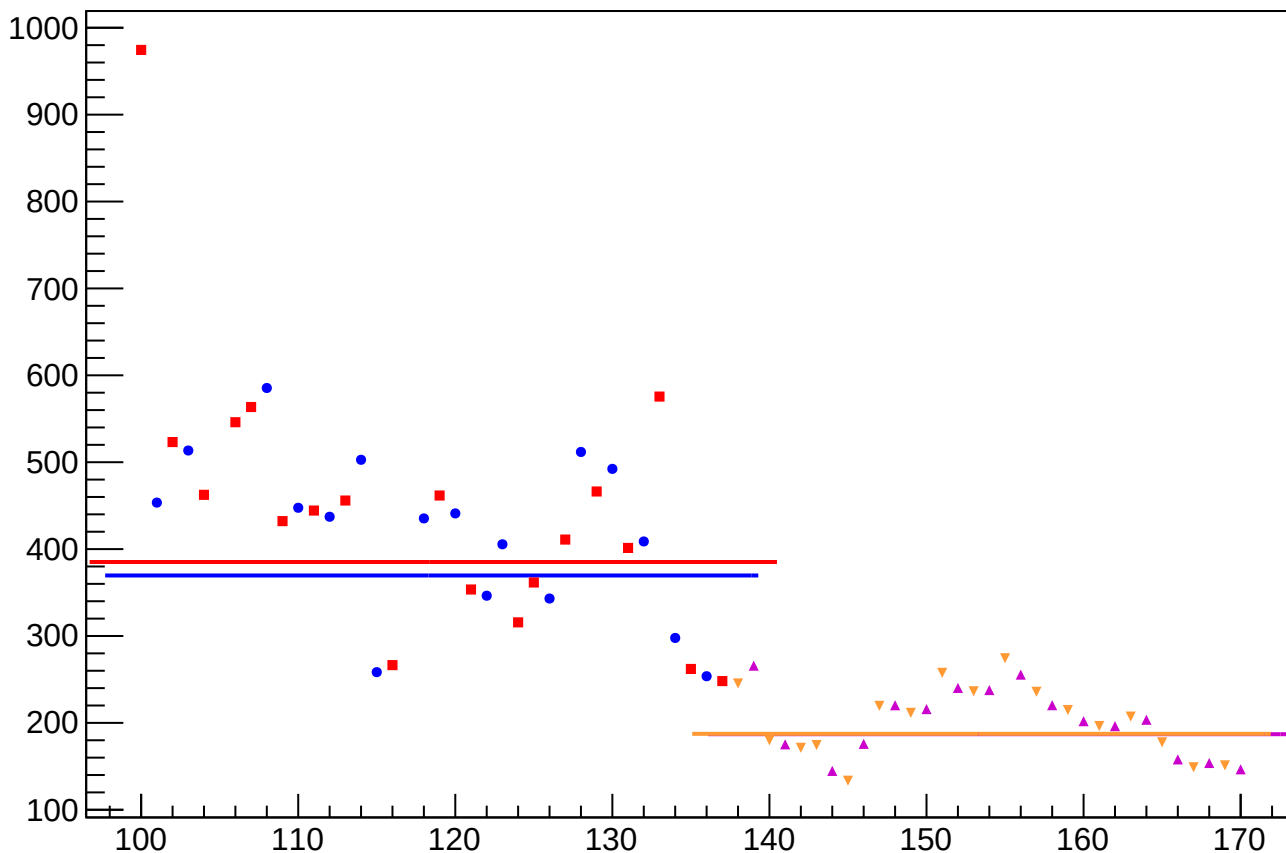
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 74.605 $\pm$ 50.581 χ^2 /NDF:36.5/32

Out: 265.189 $\pm$ 50.408 χ^2 /NDF:55.8/35

All: 170.223 $\pm$ 35.705 χ^2 /NDF: 99.4/68

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: 187.408+/-0.038 χ^2/NDF : 1055636.4/16

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 186.973+/-0.038 χ^2/NDF : 926392.0/15

Left: 187.192+/-0.027 χ^2/NDF : 1982094.3/32

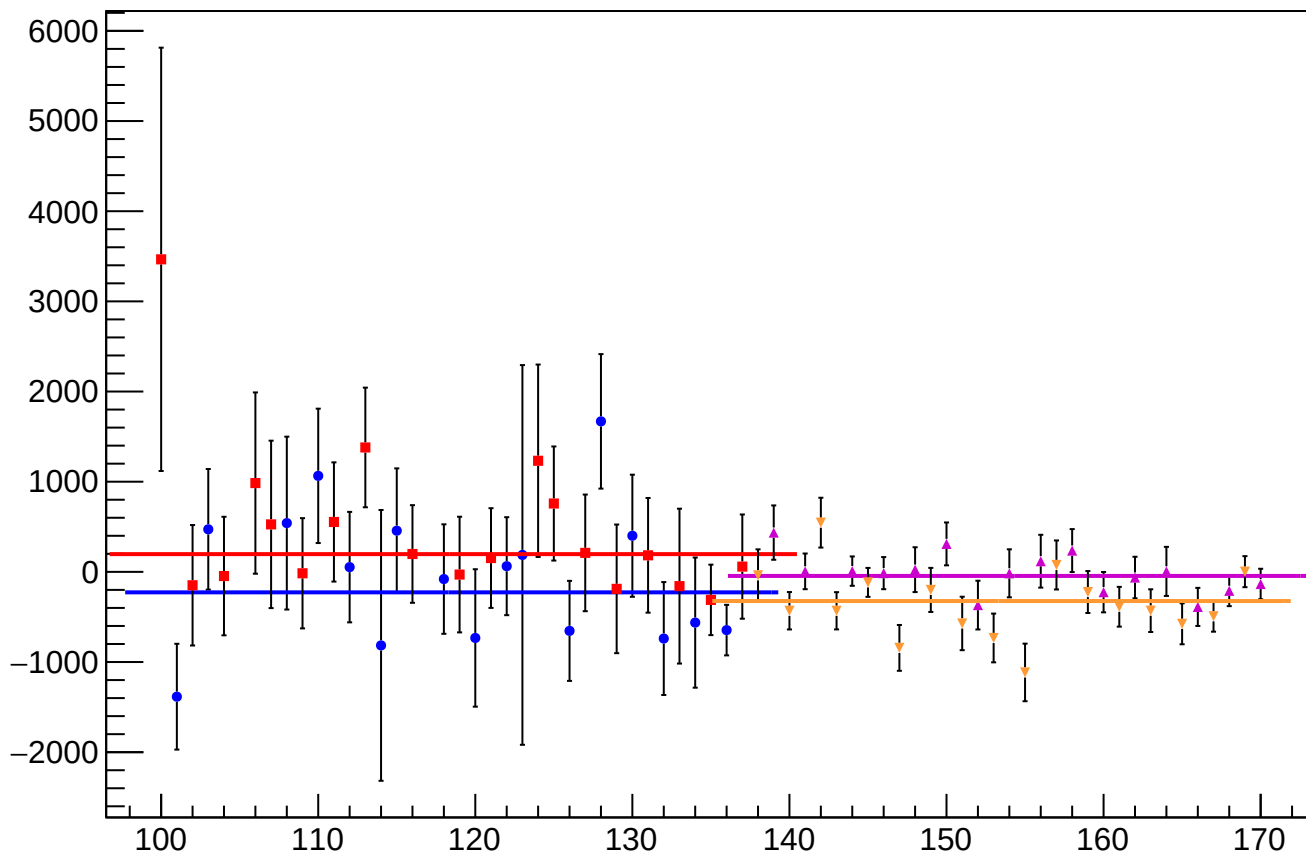
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 208.136+/-0.036 χ^2/NDF : 4501216.3/32

Out: 209.777+/-0.036 χ^2/NDF : 5069904.8/35

All: 208.959+/-0.025 χ^2/NDF : 9572177.5/68

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -323.548+/-54.587 χ^2/NDF : 35.1/16

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: -45.022+/-54.157 χ^2/NDF : 12.8/15

Left: -183.184+/-38.446 χ^2/NDF : 61.0/32

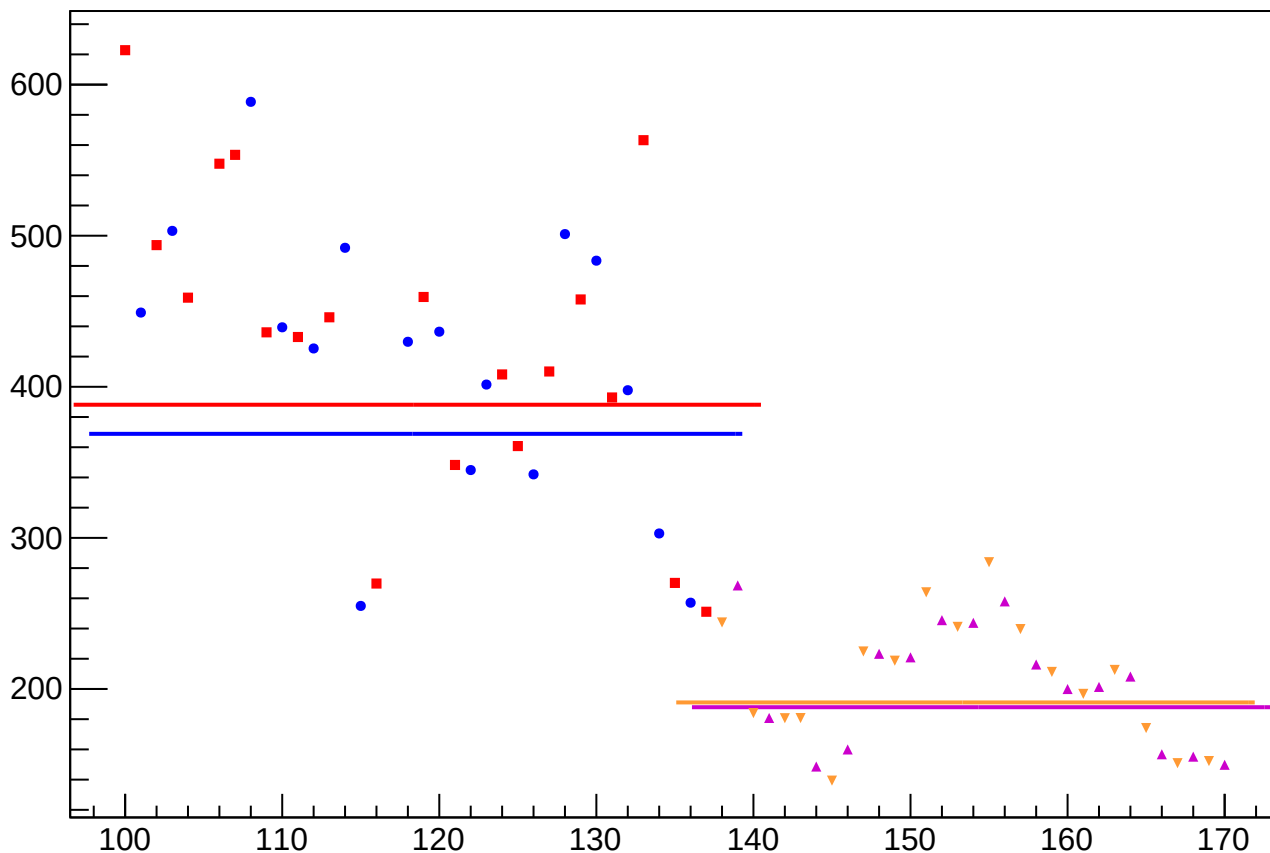
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -66.564+/-50.856 χ^2/NDF : 35.9/32

Out: -262.828+/-51.303 χ^2/NDF : 56.4/35

All: -163.837+/-36.118 χ^2/NDF : 99.8/68

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: 191.096 $\pm$ 0.039 χ^2 /NDF:1025313.9/16

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 187.925 $\pm$ 0.038 χ^2 /NDF:954252.1/15

Left: 189.498 $\pm$ 0.027 χ^2 /NDF: 1982967.5/32

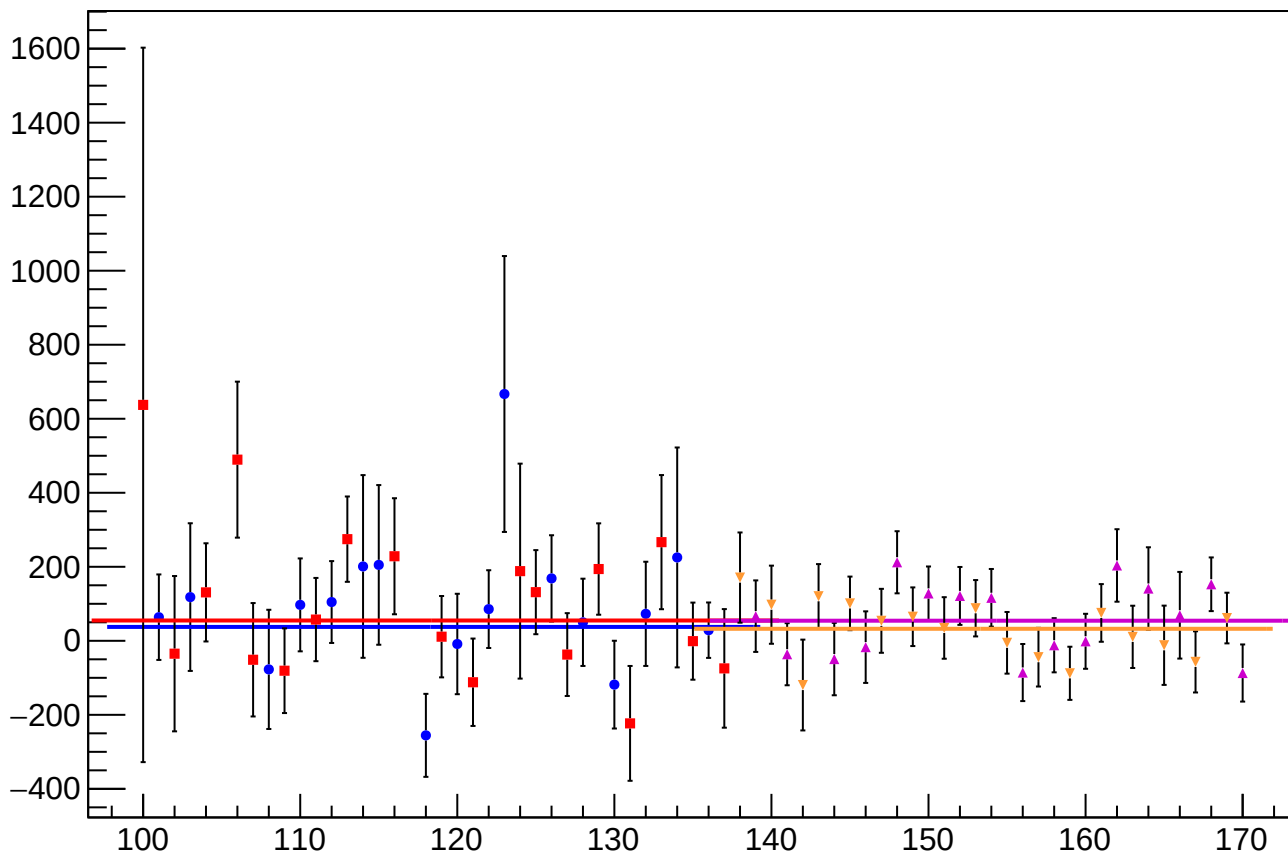
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 209.312 $\pm$ 0.036 χ^2 /NDF:4422694.0/32

Out: 214.090 $\pm$ 0.036 χ^2 /NDF:4844387.3/35

All: 211.680 $\pm$ 0.026 χ^2 /NDF: 9275832.8/68

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: 32.475 $\pm$ 20.381 χ^2 /NDF:11.7/16

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 54.319 $\pm$ 20.986 χ^2 /NDF:21.6/15

Left: 43.078 $\pm$ 14.621 χ^2 /NDF: 33.9/32

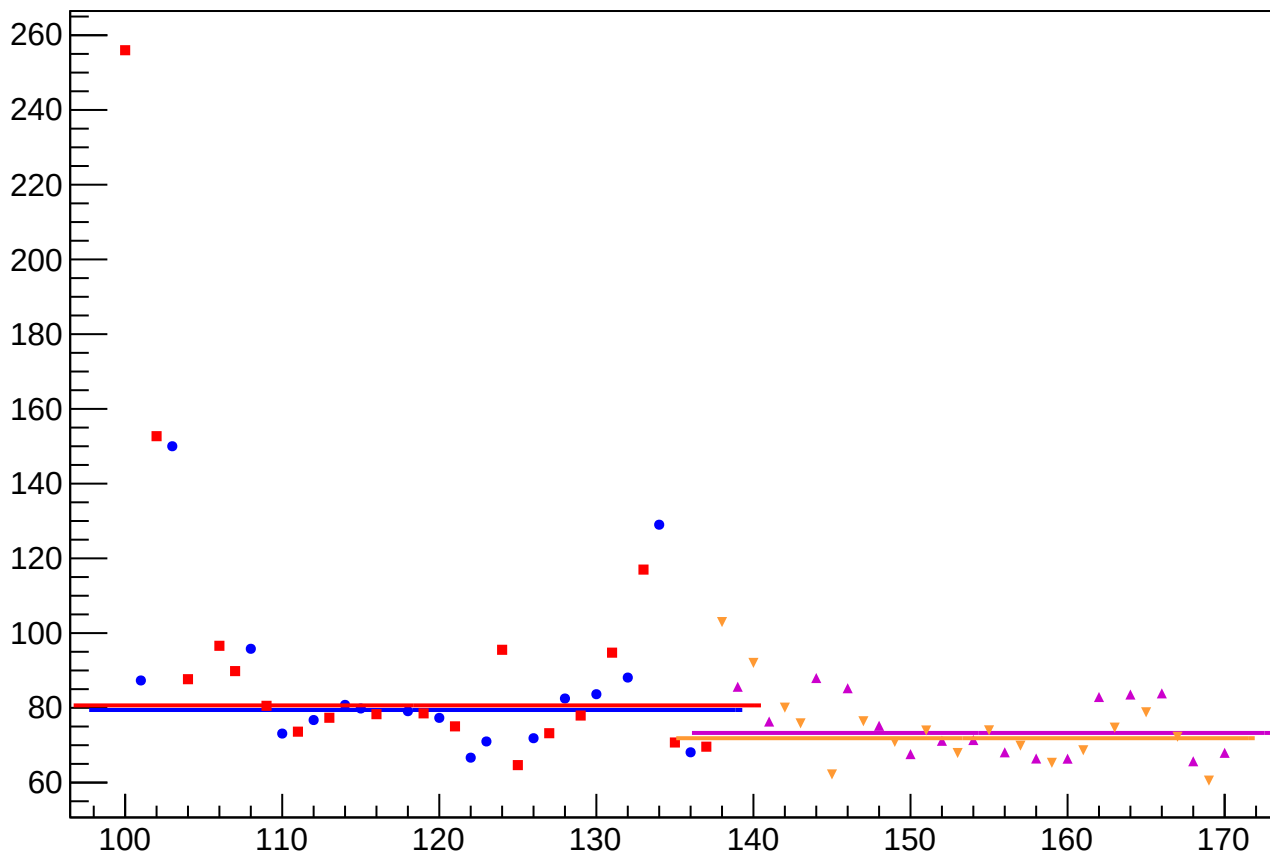
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 49.150 $\pm$ 17.458 χ^2 /NDF:37.6/32

Out: 39.099 $\pm$ 17.107 χ^2 /NDF:34.2/35

All: 44.023 $\pm$ 12.219 χ^2 /NDF: 72.1/68

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 71.873+/-0.014 χ^2/NDF : 352762.8/16

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 73.282+/-0.015 χ^2/NDF : 254551.2/15

Left: 72.557+/-0.010 χ^2/NDF : 611958.2/32

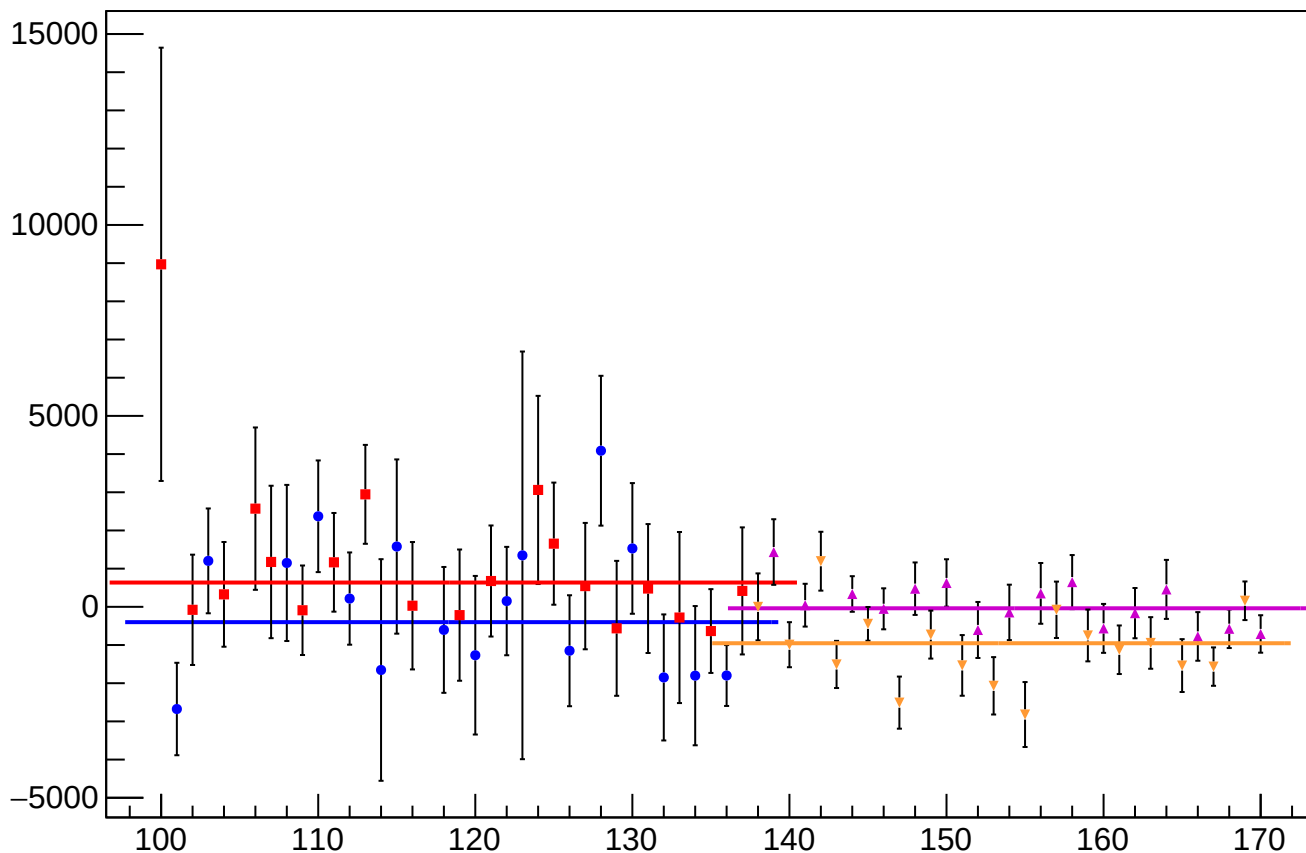
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 75.173+/-0.012 χ^2/NDF : 746304.9/32

Out: 74.467+/-0.012 χ^2/NDF : 982852.6/35

All: 74.812+/-0.009 χ^2/NDF : 1730826.8/68

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -953.337 ± 154.936 $\chi^2/\text{NDF}: 32.6/16$

Right Out: 636.133 ± 362.923 $\chi^2/\text{NDF}: 10.8/18$

Left In: -38.083 ± 155.006 $\chi^2/\text{NDF}: 12.6/15$

Left: -495.916 ± 109.581 $\chi^2/\text{NDF}: 62.6/32$

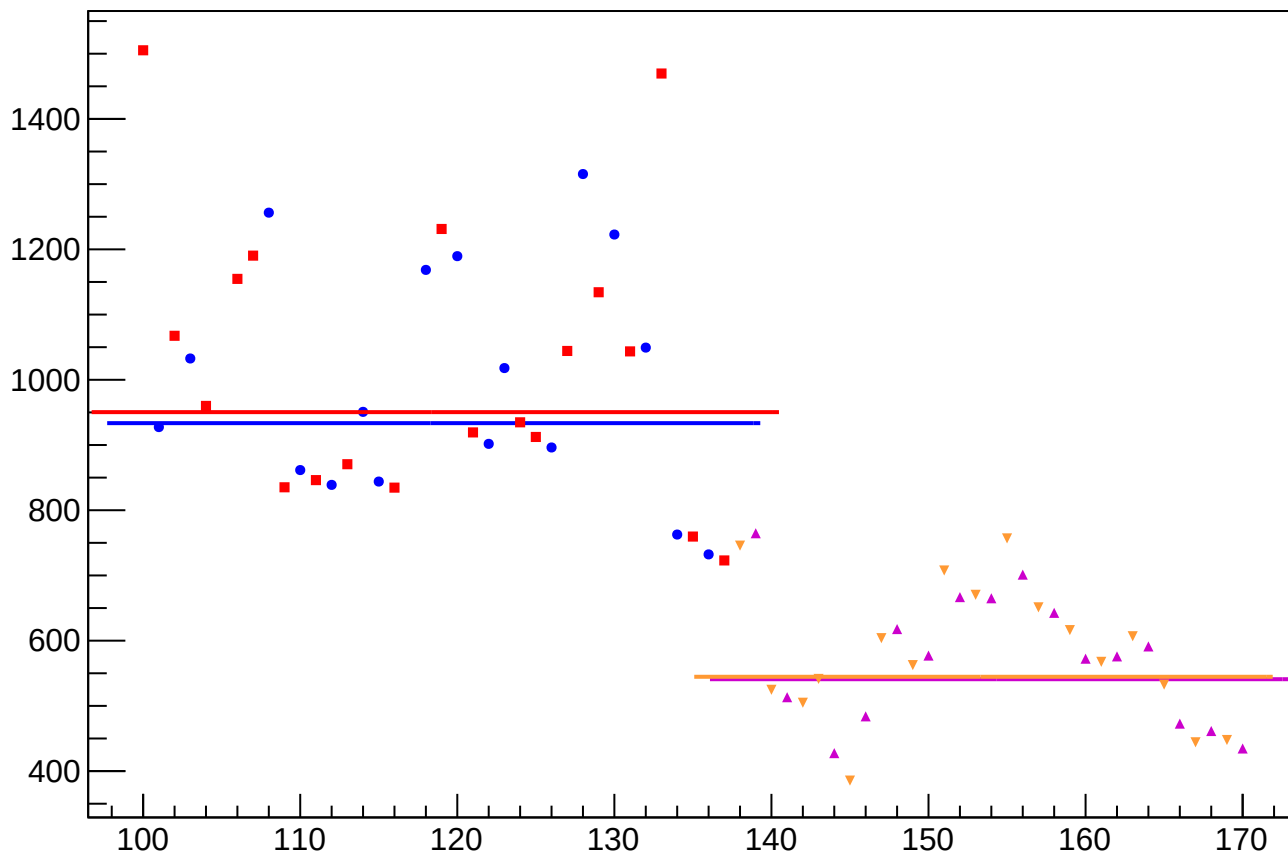
Right: 125.423 ± 258.567 $\chi^2/\text{NDF}: 36.8/35$

In: -92.655 ± 142.879 $\chi^2/\text{NDF}: 35.3/32$

Out: -708.308 ± 142.494 $\chi^2/\text{NDF}: 59.6/35$

All: -401.312 ± 100.894 $\chi^2/\text{NDF}: 104.3/68$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 544.636 $\pm$ 0.110 χ^2 /NDF: 891564.5/16

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 540.897 $\pm$ 0.110 χ^2 /NDF: 738345.0/15

Left: 542.767 $\pm$ 0.077 χ^2 /NDF: 1630491.5/32

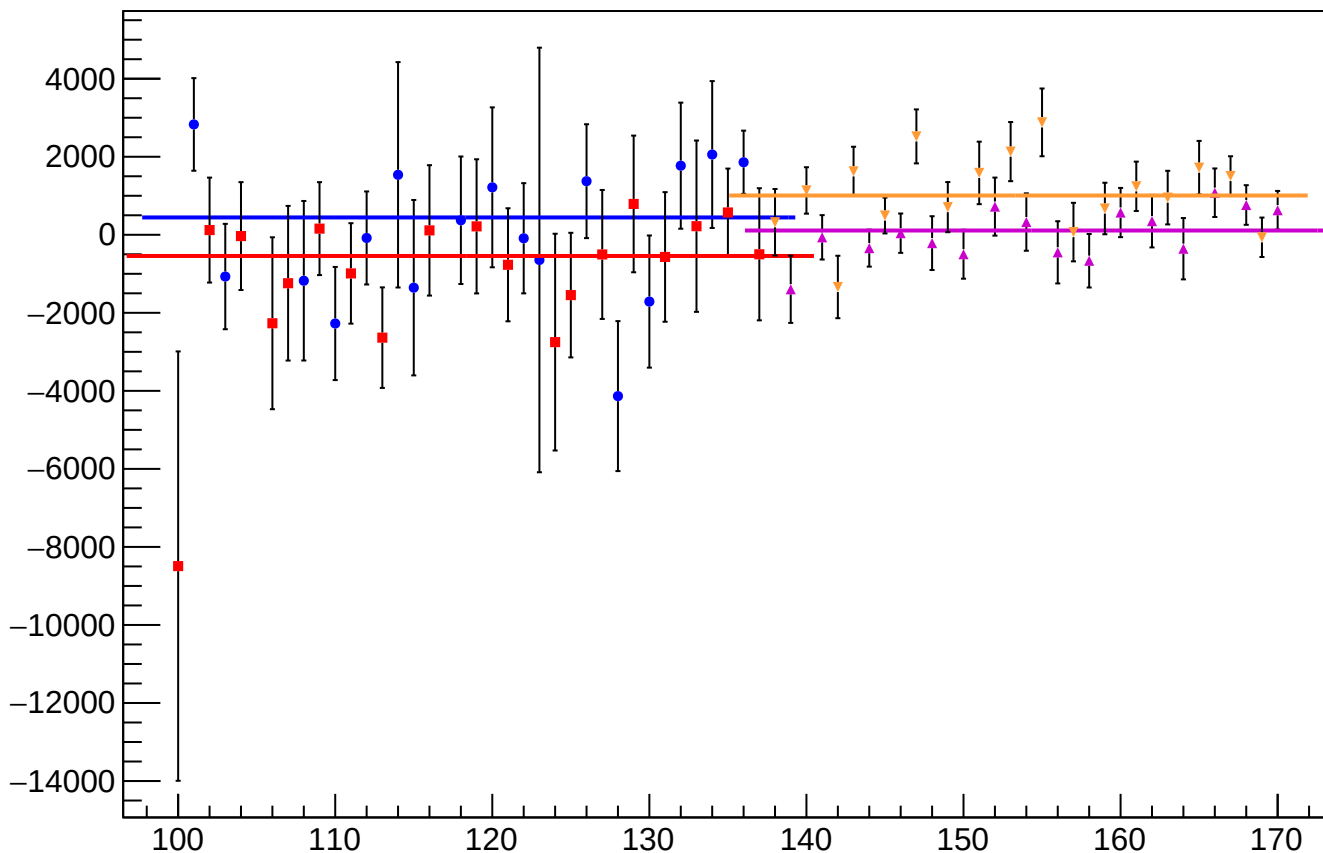
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 599.930 $\pm$ 0.101 χ^2 /NDF: 3110039.3/32

Out: 607.189 $\pm$ 0.101 χ^2 /NDF: 3430692.6/35

All: 603.569 $\pm$ 0.071 χ^2 /NDF: 6543320.1/68

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1006.834+/-156.515 χ^2/NDF : 32.4/16

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: 109.813+/-154.837 χ^2/NDF : 14.0/15

Left: 553.491+/-110.075 χ^2/NDF : 63.0/32

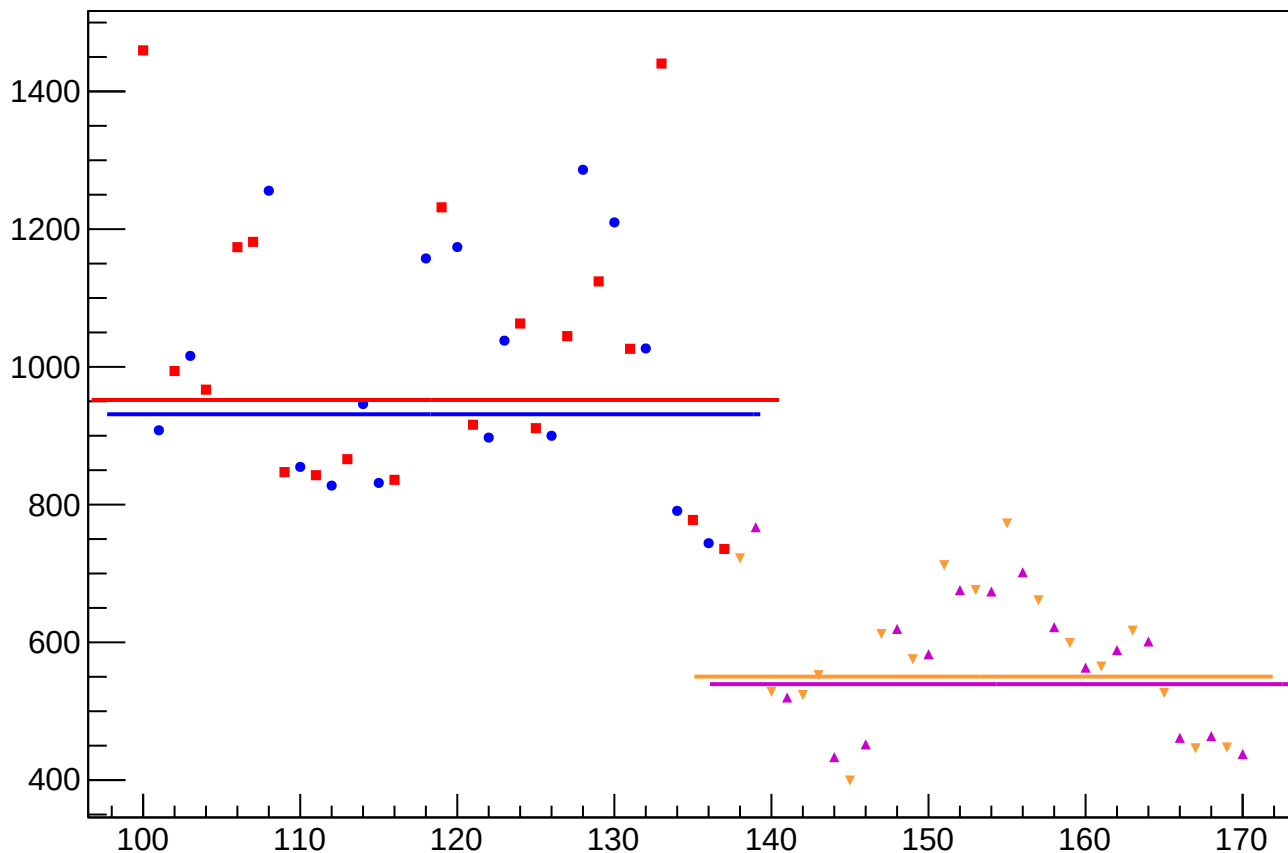
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 160.388+/-142.666 χ^2/NDF : 37.6/32

Out: 764.230+/-143.744 χ^2/NDF : 57.2/35

All: 460.037+/-101.259 χ^2/NDF : 103.6/68

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 550.266+/-0.111 χ^2/NDF : 834881.3/16

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 539.332+/-0.109 χ^2/NDF : 771010.1/15

Left: 544.740+/-0.078 χ^2/NDF : 1610824.3/32

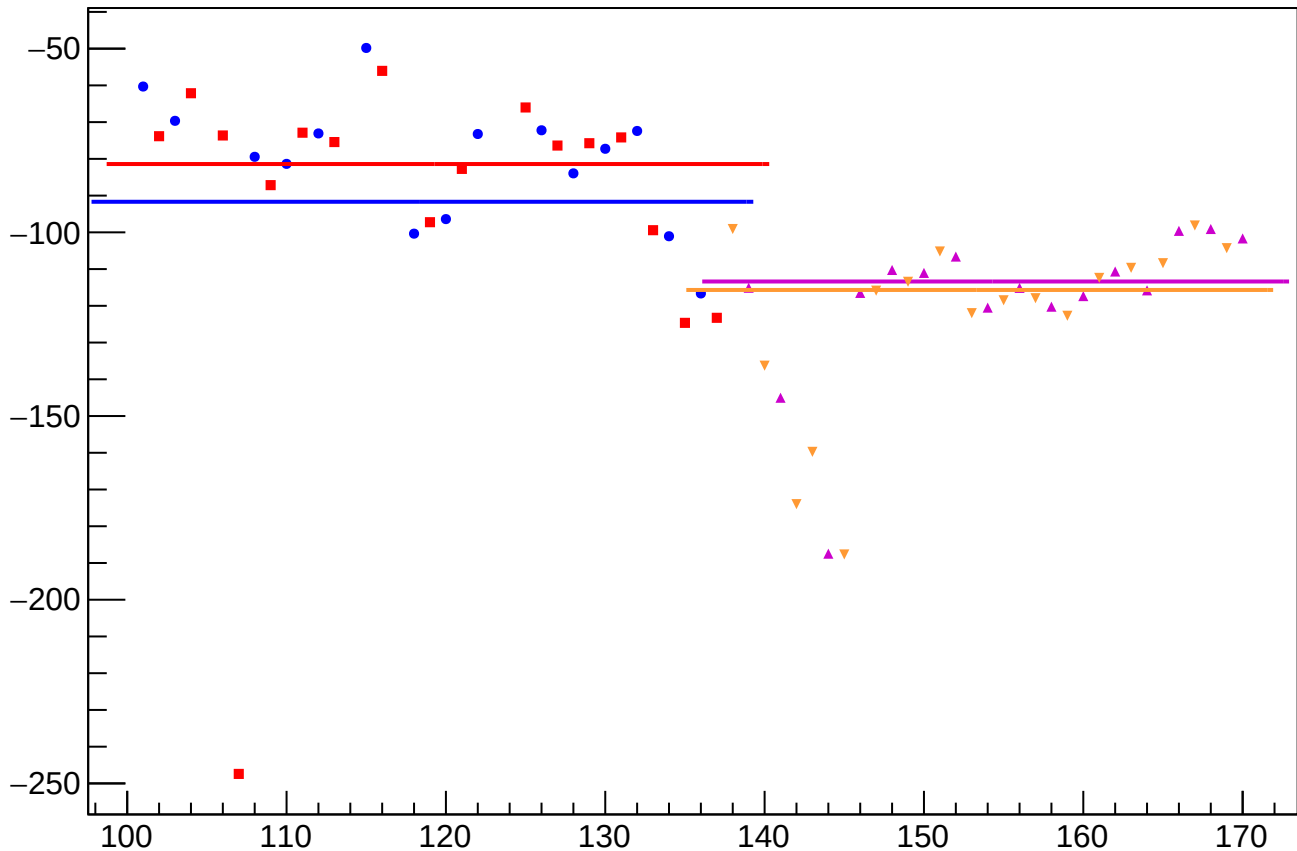
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 598.518+/-0.101 χ^2/NDF : 3106066.1/32

Out: 613.145+/-0.102 χ^2/NDF : 3279692.3/35

All: 605.777+/-0.072 χ^2/NDF : 6396190.7/68

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -115.683 ± 0.066 χ^2/NDF : 36282.7/16

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -113.379 ± 0.058 χ^2/NDF : 74495.4/15

Left: -114.380 ± 0.044 χ^2/NDF : 111463.7/32

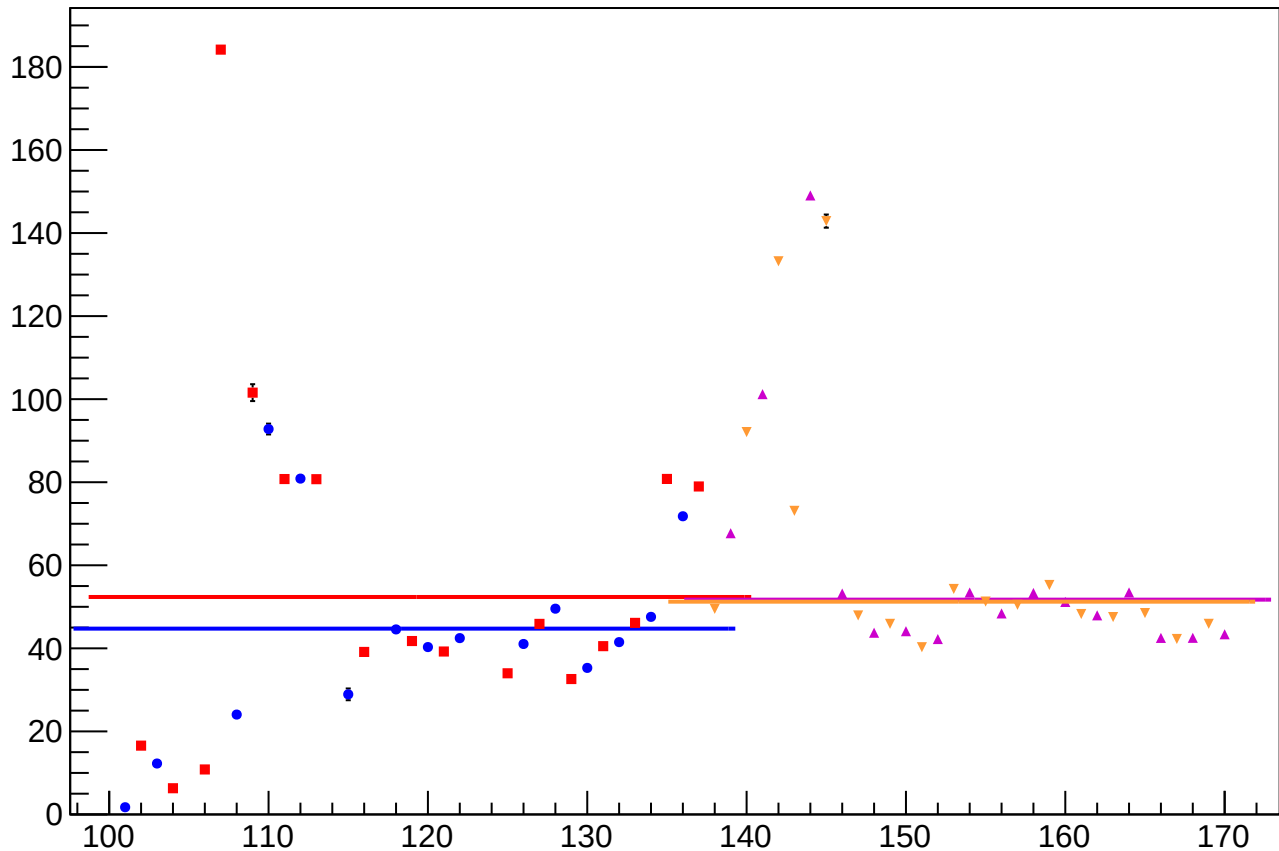
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.566 ± 0.045 χ^2/NDF : 195968.1/30

Out: -105.020 ± 0.055 χ^2/NDF : 161472.9/33

All: -104.747 ± 0.035 χ^2/NDF : 357482.2/64

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 51.238+/-0.055 χ^2/NDF : 46689.7/16

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 51.724+/-0.050 χ^2/NDF : 126829.0/15

Left: 51.504+/-0.037 χ^2/NDF : 173561.6/32

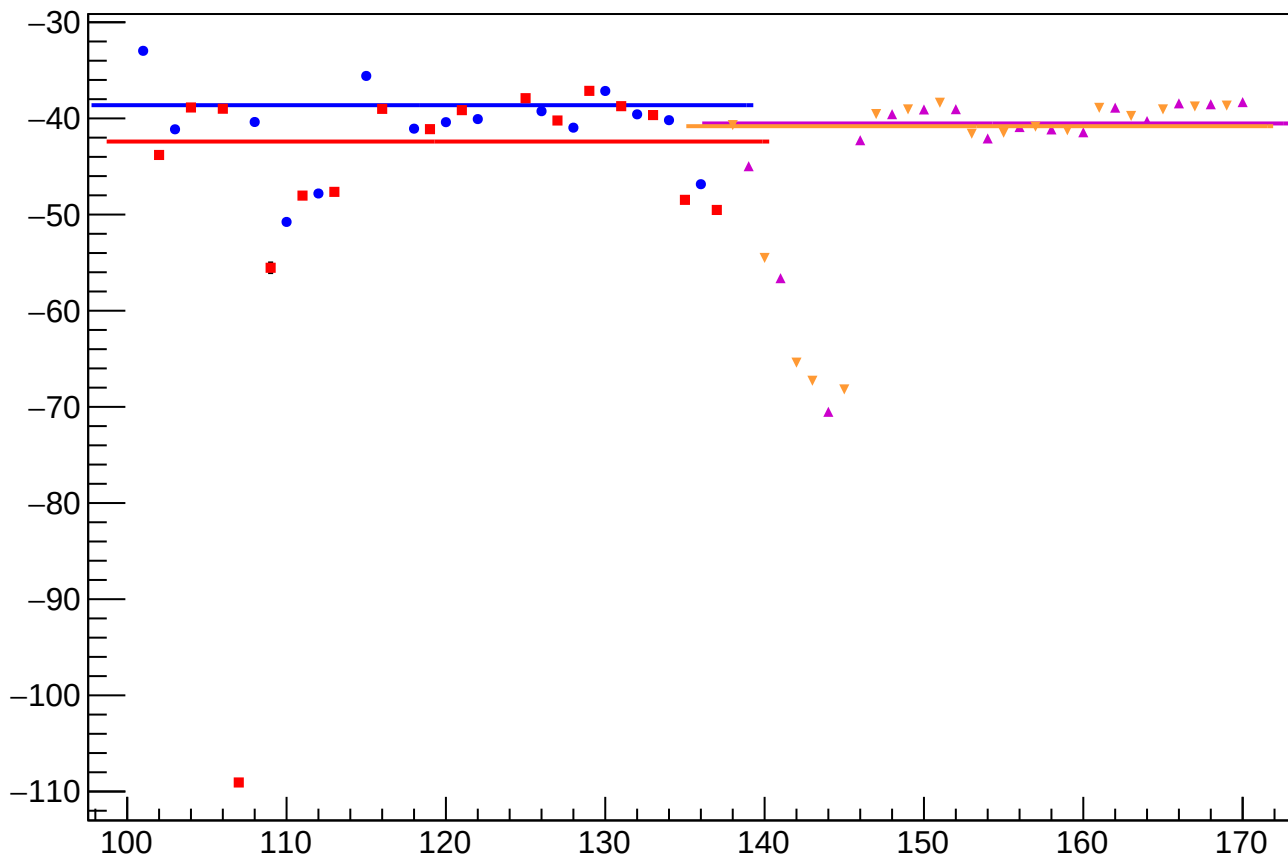
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 48.900+/-0.039 χ^2/NDF : 219431.2/30

Out: 51.455+/-0.049 χ^2/NDF : 116056.0/33

All: 49.867+/-0.030 χ^2/NDF : 337152.9/64

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.809 ± 0.008 χ^2/NDF : 201913.1/16

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.525 ± 0.009 χ^2/NDF : 165344.0/15

Left: -40.674 ± 0.006 χ^2/NDF : 367835.6/32

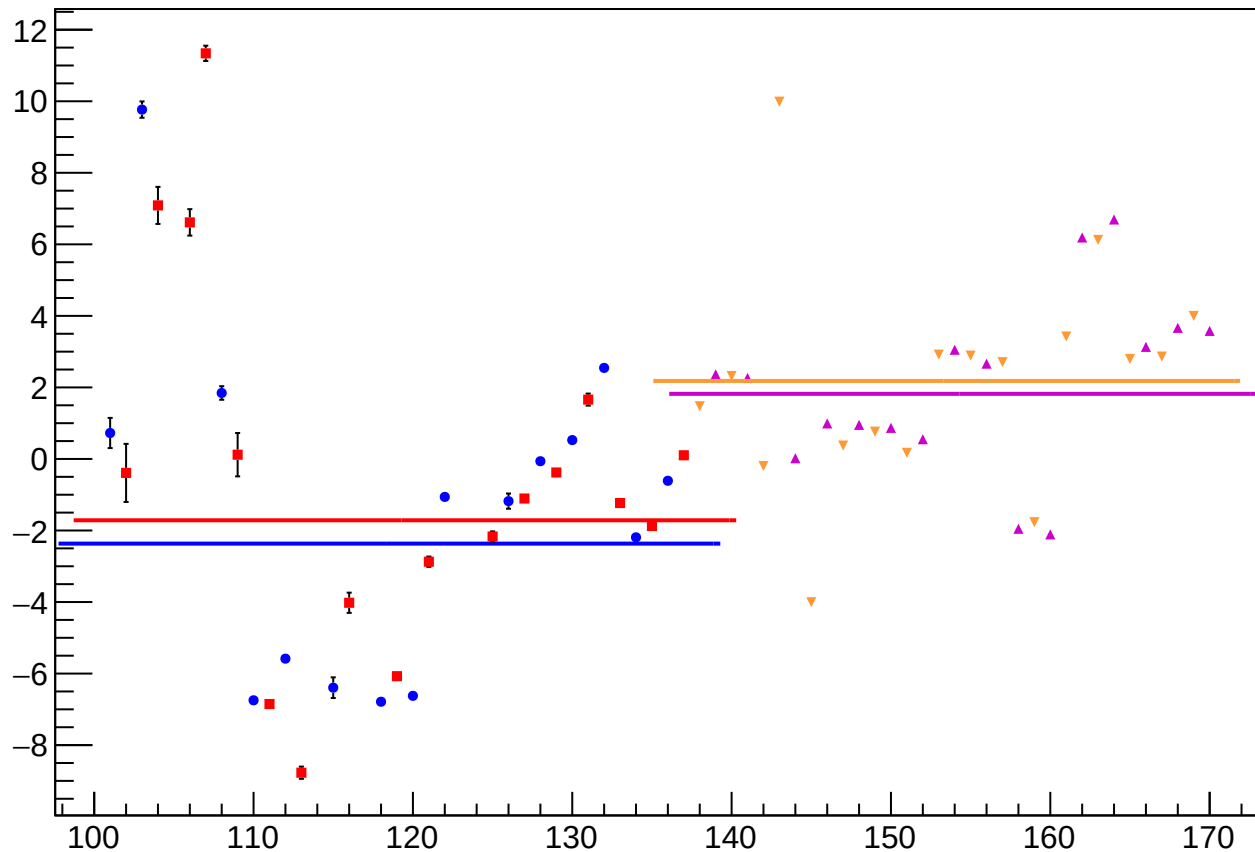
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.544 ± 0.006 χ^2/NDF : 430977.0/30

Out: -41.013 ± 0.008 χ^2/NDF : 475961.7/33

All: -40.101 ± 0.005 χ^2/NDF : 930118.4/64

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.181 ± 0.009 χ^2/NDF : 75763.3/16

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.820 ± 0.008 χ^2/NDF : 84088.0/15

Left: 1.985 ± 0.006 χ^2/NDF : 160795.7/32

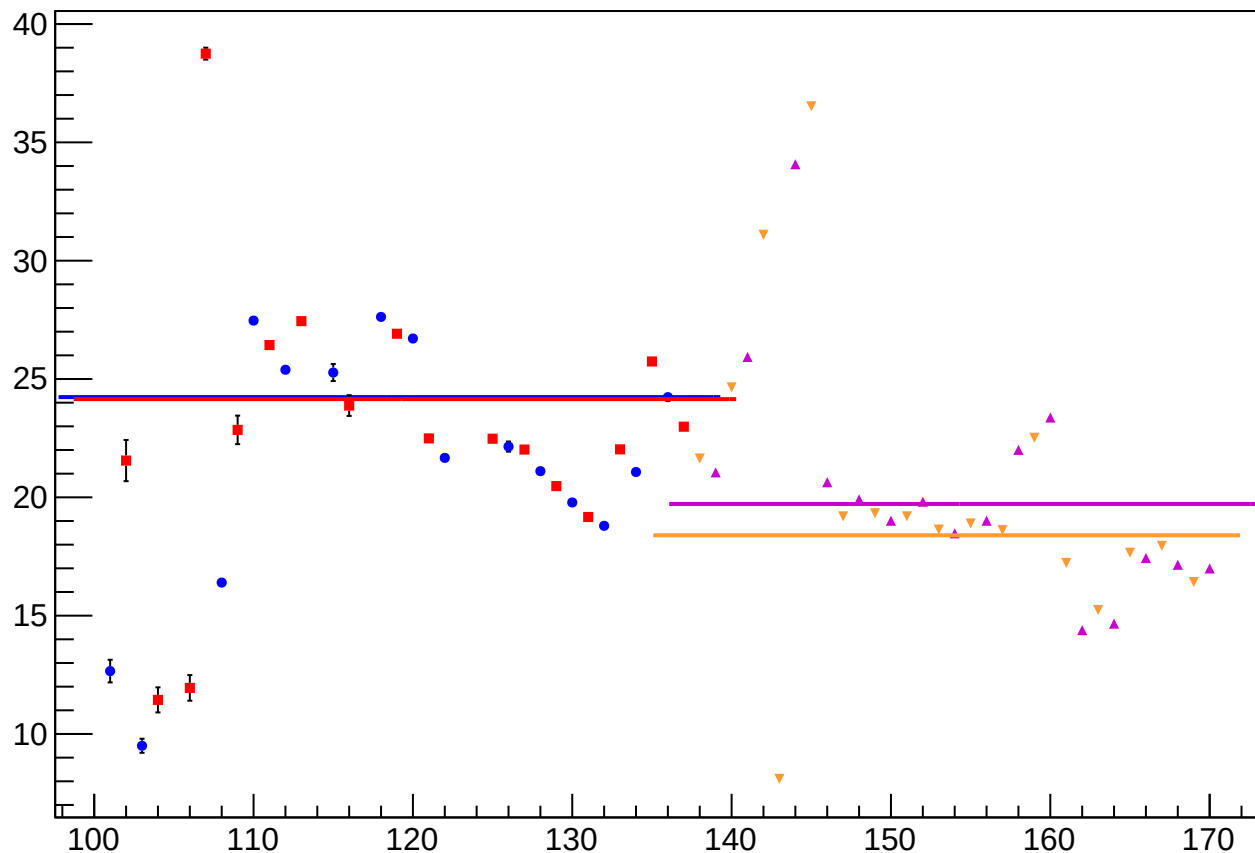
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.813 ± 0.007 χ^2/NDF : 180095.2/30

Out: 1.818 ± 0.008 χ^2/NDF : 107373.6/33

All: 1.227 ± 0.005 χ^2/NDF : 296213.7/64

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 18.396 ± 0.009 $\chi^2/\text{NDF}: 77042.8/16$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 19.719 ± 0.008 $\chi^2/\text{NDF}: 98839.1/15$

Left: 19.098 ± 0.006 $\chi^2/\text{NDF}: 188295.5/32$

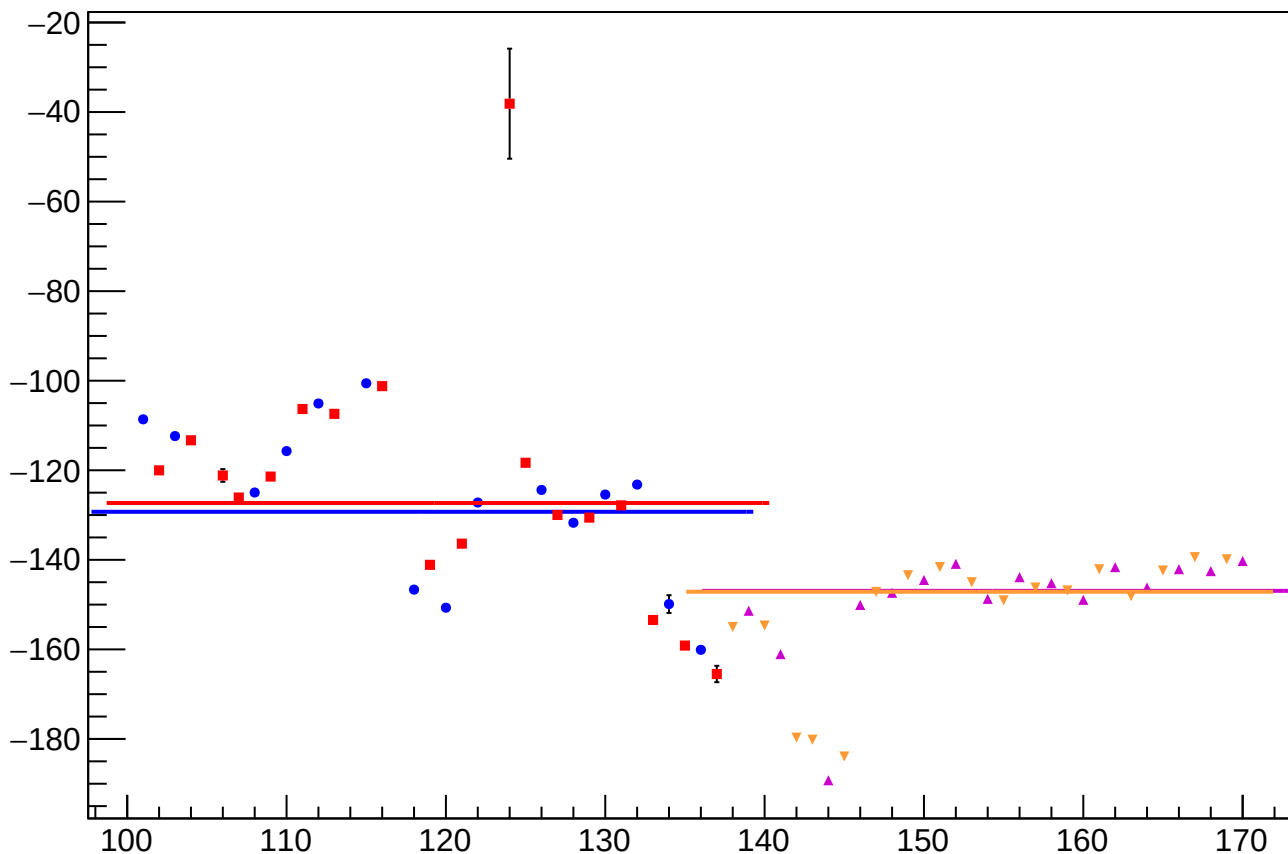
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.262 ± 0.008 $\chi^2/\text{NDF}: 157726.9/30$

Out: 19.040 ± 0.008 $\chi^2/\text{NDF}: 139773.0/33$

All: 19.691 ± 0.006 $\chi^2/\text{NDF}: 309471.8/64$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -147.126 $\pm$ 0.054 χ^2 /NDF:34333.2/16

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -146.926 $\pm$ 0.054 χ^2 /NDF:23941.6/15

Left: -147.026 $\pm$ 0.038 χ^2 /NDF: 58281.8/32

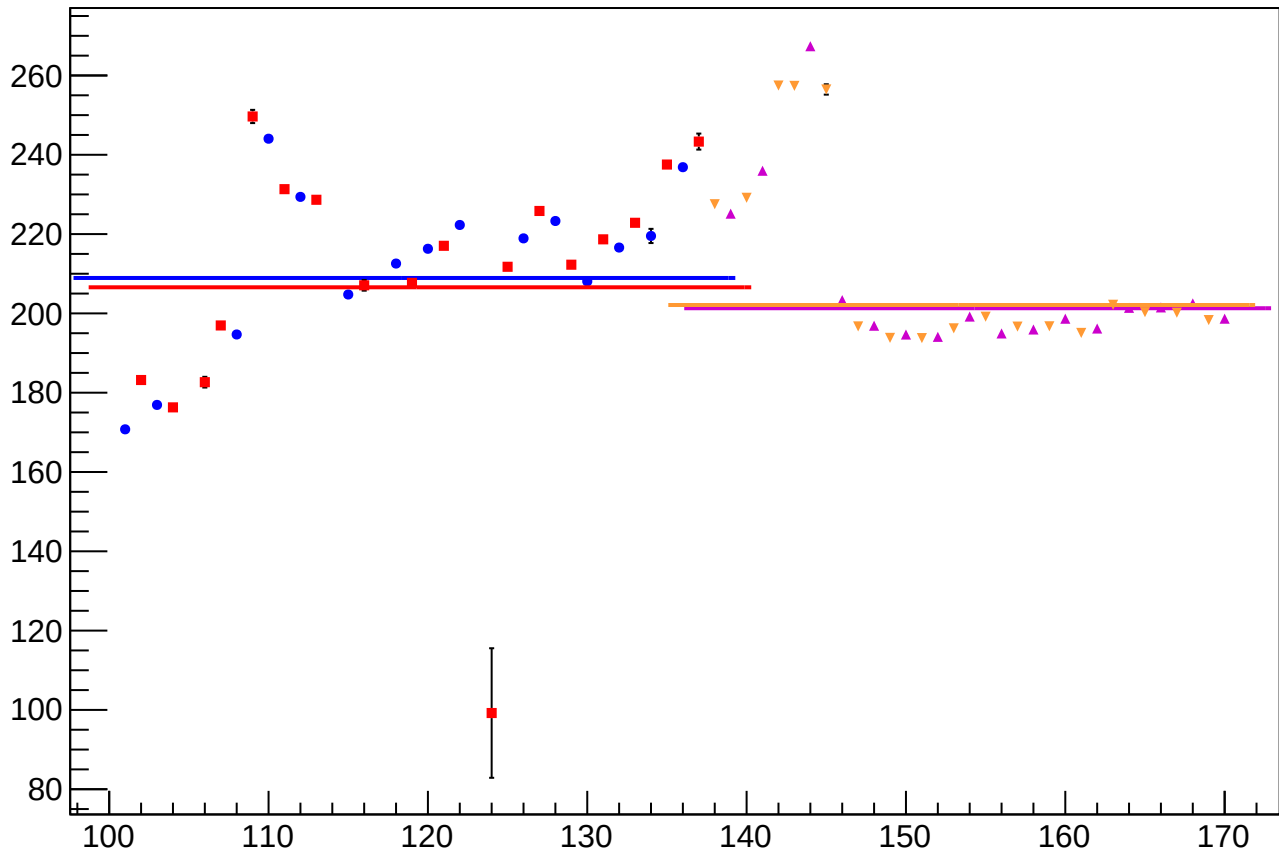
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -142.096 $\pm$ 0.046 χ^2 /NDF:88436.2/30

Out: -141.373 $\pm$ 0.045 χ^2 /NDF:103163.0/34

All: -141.731 $\pm$ 0.032 χ^2 /NDF: 191724.7/65

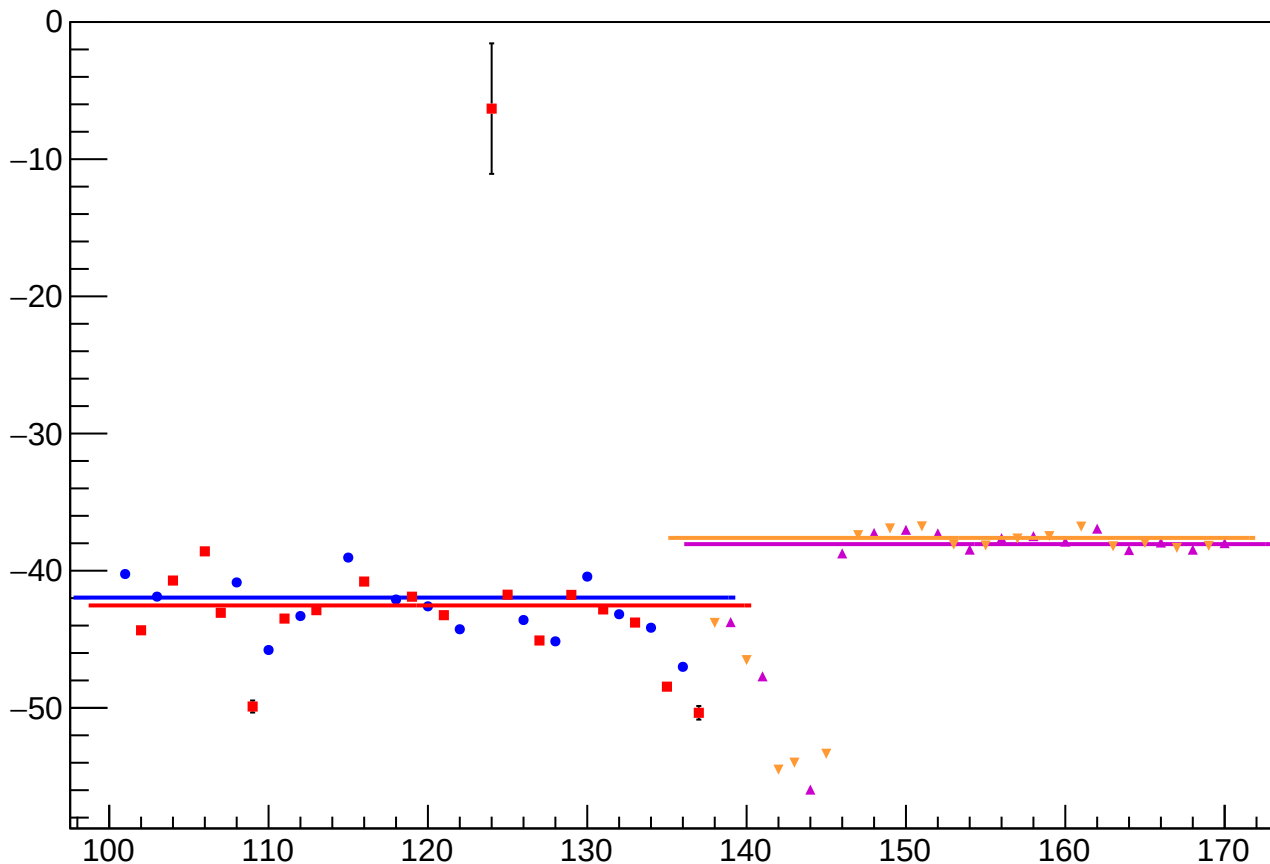
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 202.115 $\pm$ 0.046 χ^2/NDF :103931.3/16
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 201.300 $\pm$ 0.046 χ^2/NDF :76341.1/15

Left: 201.710 $\pm$ 0.032 χ^2/NDF : 180429.9/32
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 202.906 $\pm$ 0.041 χ^2/NDF :126808.7/30
 Out: 203.153 $\pm$ 0.040 χ^2/NDF :154354.7/34
 All: 203.032 $\pm$ 0.029 χ^2/NDF : 281182.0/65

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.608 ± 0.004 χ^2/NDF : 222448.6/16

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.062 ± 0.005 χ^2/NDF : 133230.3/15

Left: -37.812 ± 0.003 χ^2/NDF : 360405.0/32

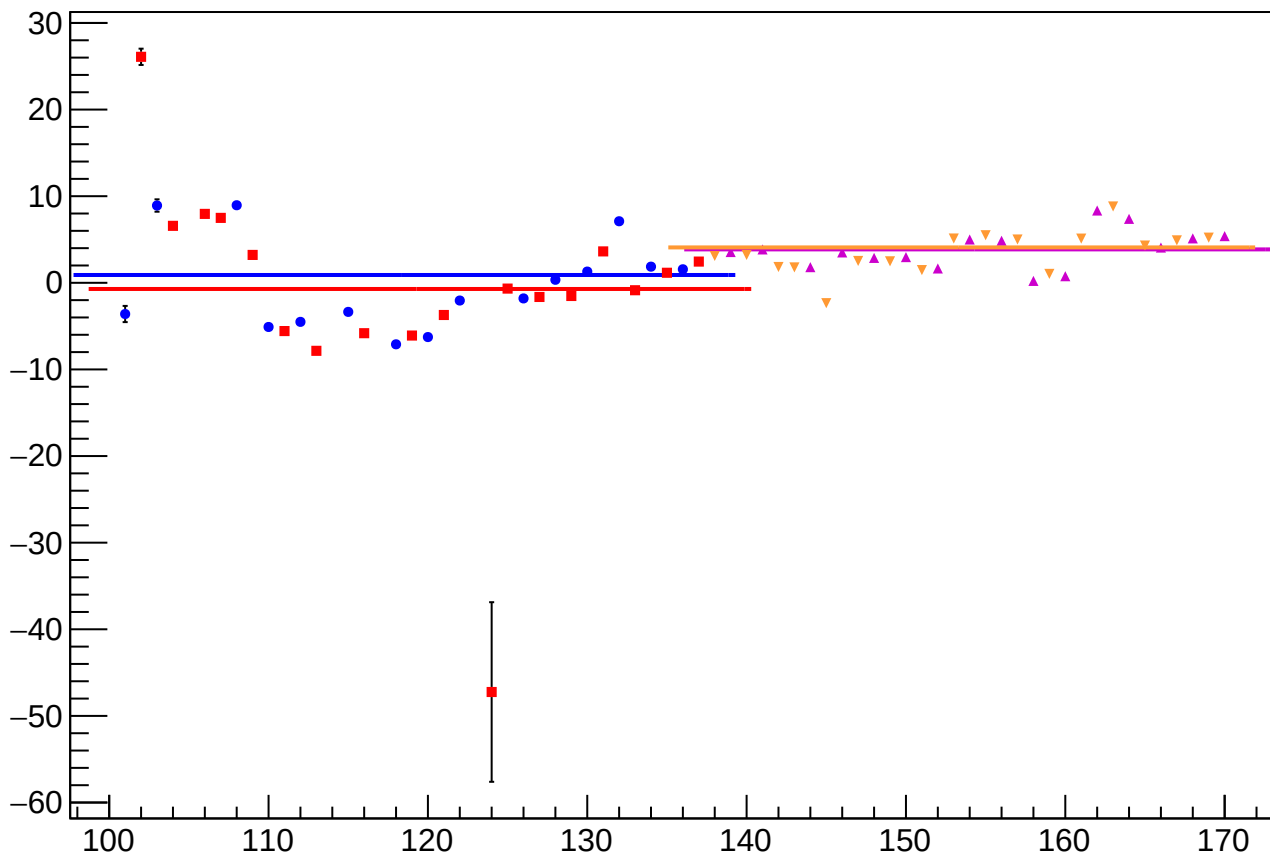
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.412 ± 0.005 χ^2/NDF : 214220.6/30

Out: -37.824 ± 0.004 χ^2/NDF : 282926.3/34

All: -38.095 ± 0.003 χ^2/NDF : 505669.8/65

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 4.086 $\pm$ 0.007 χ^2 /NDF:87640.0/16

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.858 $\pm$ 0.008 χ^2 /NDF:67095.9/15

Left: 3.990 $\pm$ 0.005 χ^2 /NDF: 155230.5/32

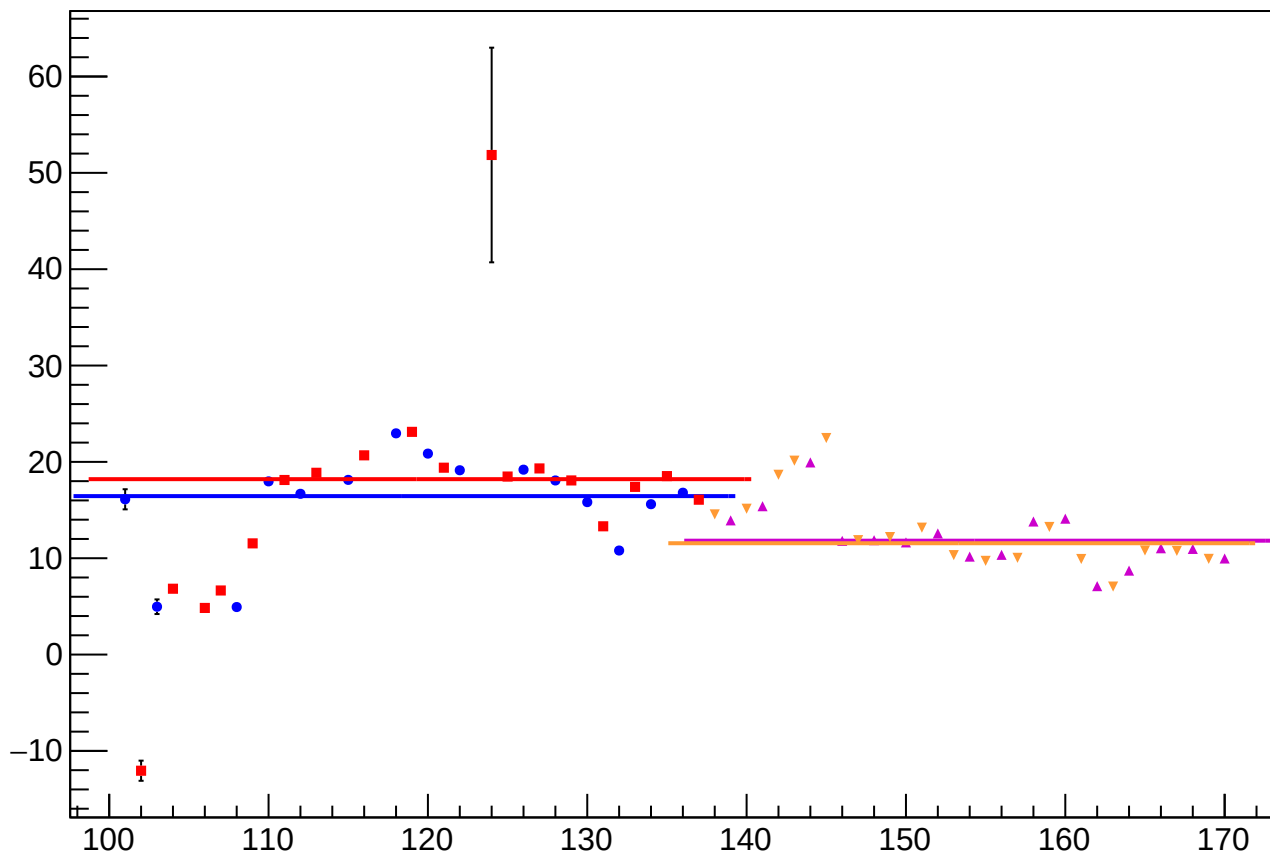
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.467 $\pm$ 0.007 χ^2 /NDF:107085.3/30

Out: 3.754 $\pm$ 0.006 χ^2 /NDF:154627.2/34

All: 3.629 $\pm$ 0.005 χ^2 /NDF: 262587.9/65

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.556 $\pm$ 0.009 χ^2 /NDF: 94123.6/16

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.820 $\pm$ 0.010 χ^2 /NDF: 48533.7/15

Left: 11.674 $\pm$ 0.007 χ^2 /NDF: 143065.4/32

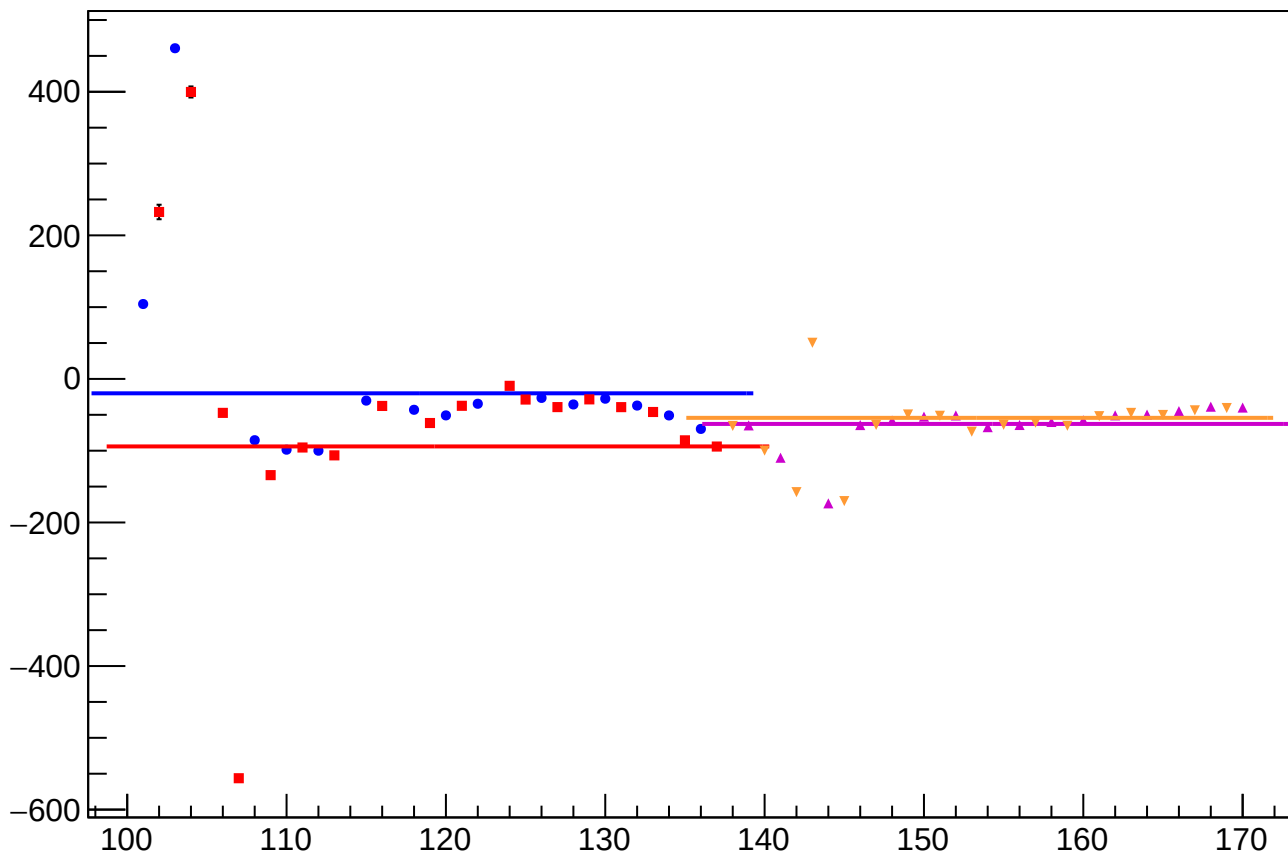
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.456 $\pm$ 0.009 χ^2 /NDF: 93715.1/30

Out: 12.585 $\pm$ 0.008 χ^2 /NDF: 211193.1/34

All: 12.528 $\pm$ 0.006 χ^2 /NDF: 305021.0/65

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -54.231 ± 0.102 $\chi^2/\text{NDF}: 51825.5/16$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -62.719 ± 0.128 $\chi^2/\text{NDF}: 45418.4/15$

Left: -57.508 ± 0.080 $\chi^2/\text{NDF}: 99924.2/32$

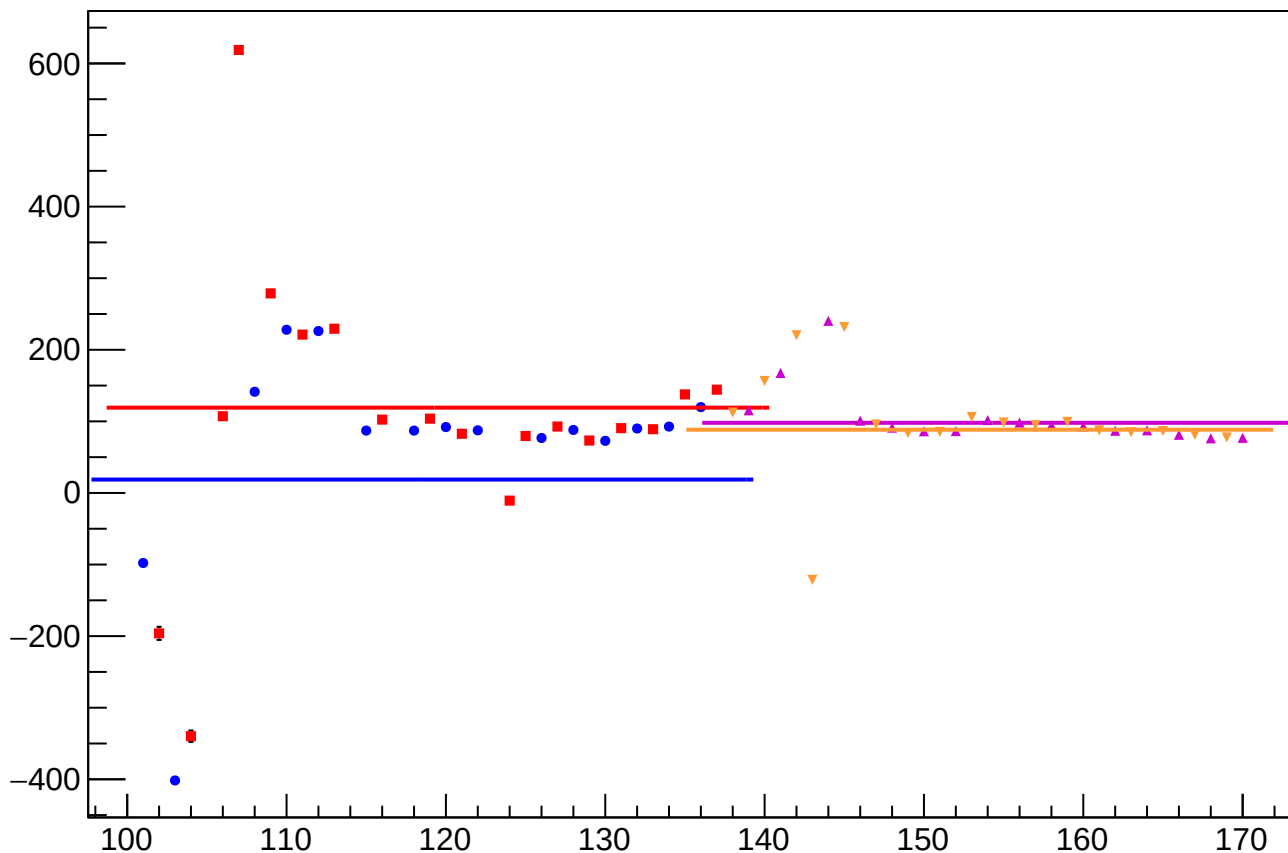
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.100 ± 0.098 $\chi^2/\text{NDF}: 532427.4/30$

Out: -93.466 ± 0.012 $\chi^2/\text{NDF}: 289871.1/34$

All: -92.717 ± 0.012 $\chi^2/\text{NDF}: 1060046.8/65$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 88.328+/-0.090 χ^2/NDF :170637.2/16

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 97.978+/-0.111 χ^2/NDF :67166.9/15

Left: 92.166+/-0.070 χ^2/NDF : 242370.8/32

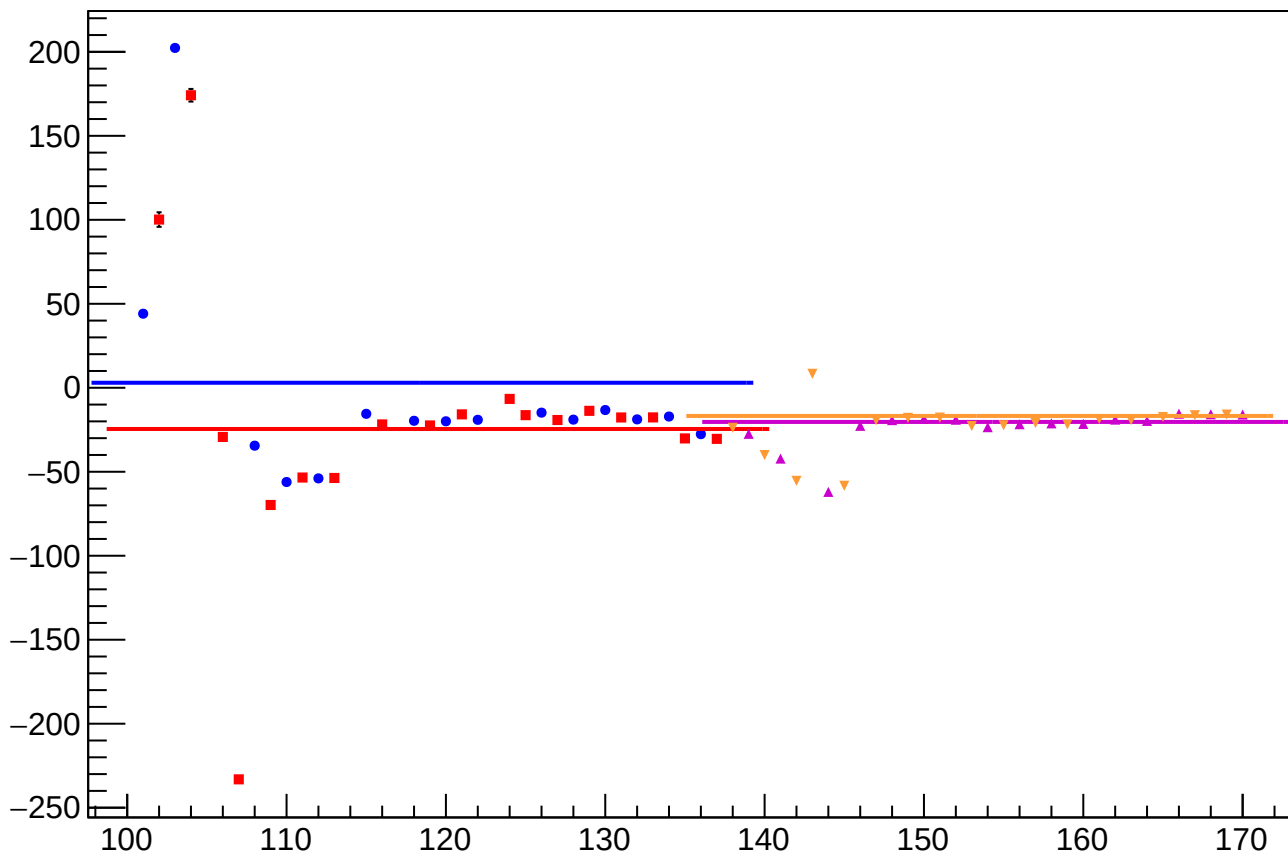
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 70.491+/-0.090 χ^2/NDF :1346328.1/30

Out: 93.560+/-0.082 χ^2/NDF :277978.8/34

All: 83.031+/-0.061 χ^2/NDF : 1660369.4/65

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.769 ± 0.013 $\chi^2/\text{NDF}: 570571.2/16$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -20.337 ± 0.015 $\chi^2/\text{NDF}: 148715.5/15$

Left: -18.352 ± 0.010 $\chi^2/\text{NDF}: 750514.4/32$

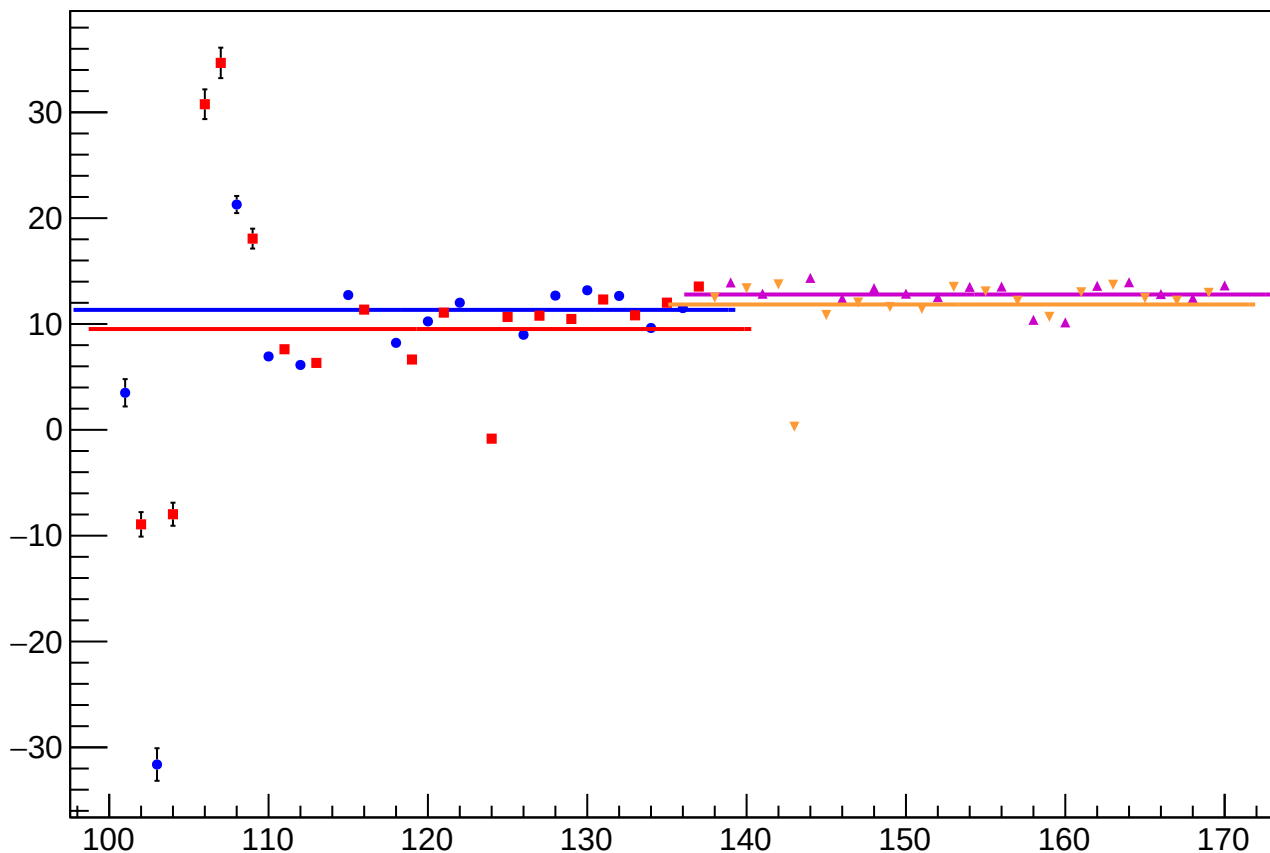
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.766 ± 0.013 $\chi^2/\text{NDF}: 4218523.1/30$

Out: -17.443 ± 0.013 $\chi^2/\text{NDF}: 775980.1/34$

All: -16.134 ± 0.009 $\chi^2/\text{NDF}: 5015712.5/65$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 11.844 ± 0.016 $\chi^2/\text{NDF}: 30661.1/16$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 12.786 ± 0.014 $\chi^2/\text{NDF}: 5432.8/15$

Left: 12.392 ± 0.011 $\chi^2/\text{NDF}: 38001.2/32$

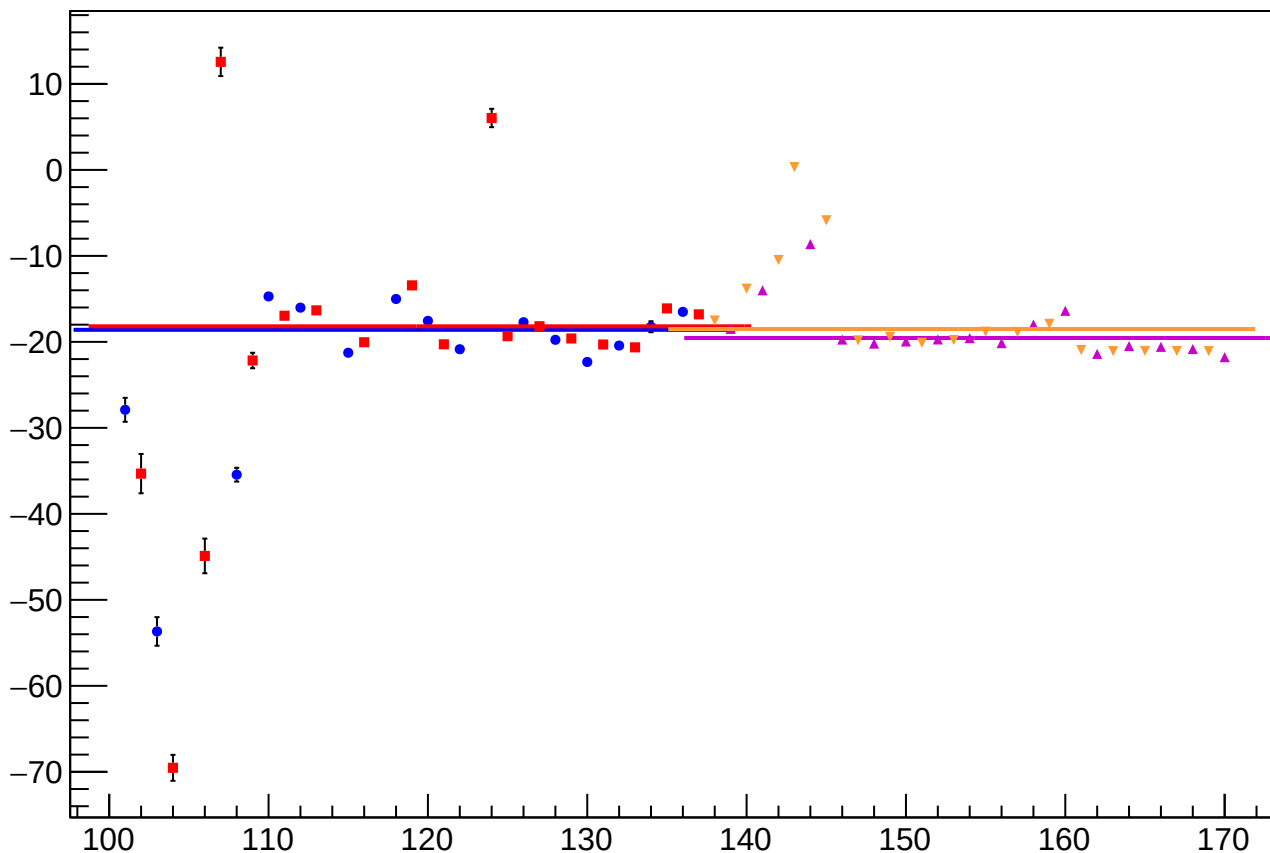
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.608 ± 0.013 $\chi^2/\text{NDF}: 9164.2/30$

Out: 11.599 ± 0.016 $\chi^2/\text{NDF}: 36816.5/34$

All: 12.191 ± 0.010 $\chi^2/\text{NDF}: 48442.4/65$

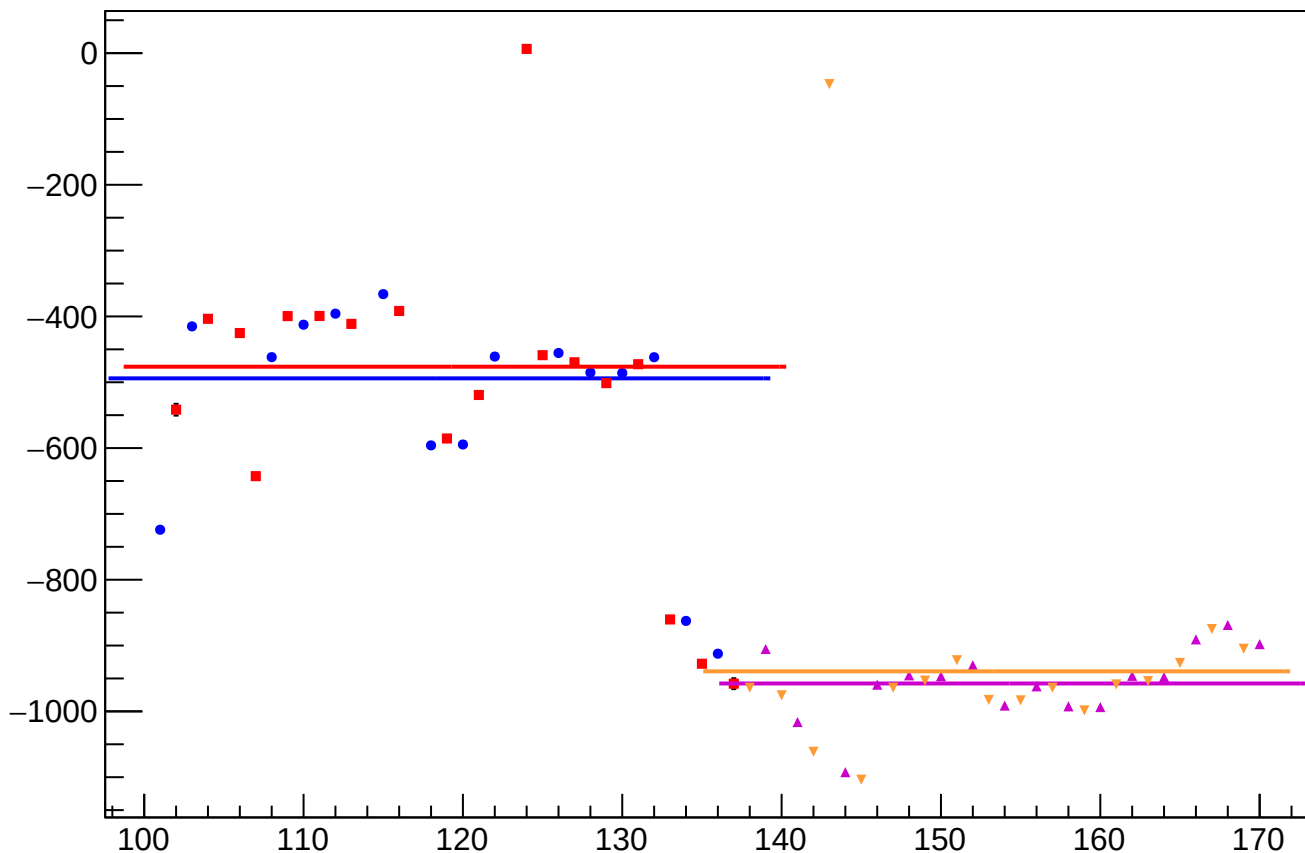
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -18.504 ± 0.019 $\chi^2/\text{NDF}: 52432.4/16$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.547 ± 0.018 $\chi^2/\text{NDF}: 11139.5/15$

Left: -19.058 ± 0.013 $\chi^2/\text{NDF}: 65217.7/32$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -19.373 ± 0.016 $\chi^2/\text{NDF}: 17862.8/30$
 Out: -18.464 ± 0.018 $\chi^2/\text{NDF}: 57348.9/34$
 All: -18.962 ± 0.012 $\chi^2/\text{NDF}: 76684.1/65$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -939.147 ± 0.179 $\chi^2/\text{NDF}: 346014.8/16$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -957.617 ± 0.178 $\chi^2/\text{NDF}: 61731.6/15$

Left: -948.422 ± 0.126 $\chi^2/\text{NDF}: 413080.8/32$

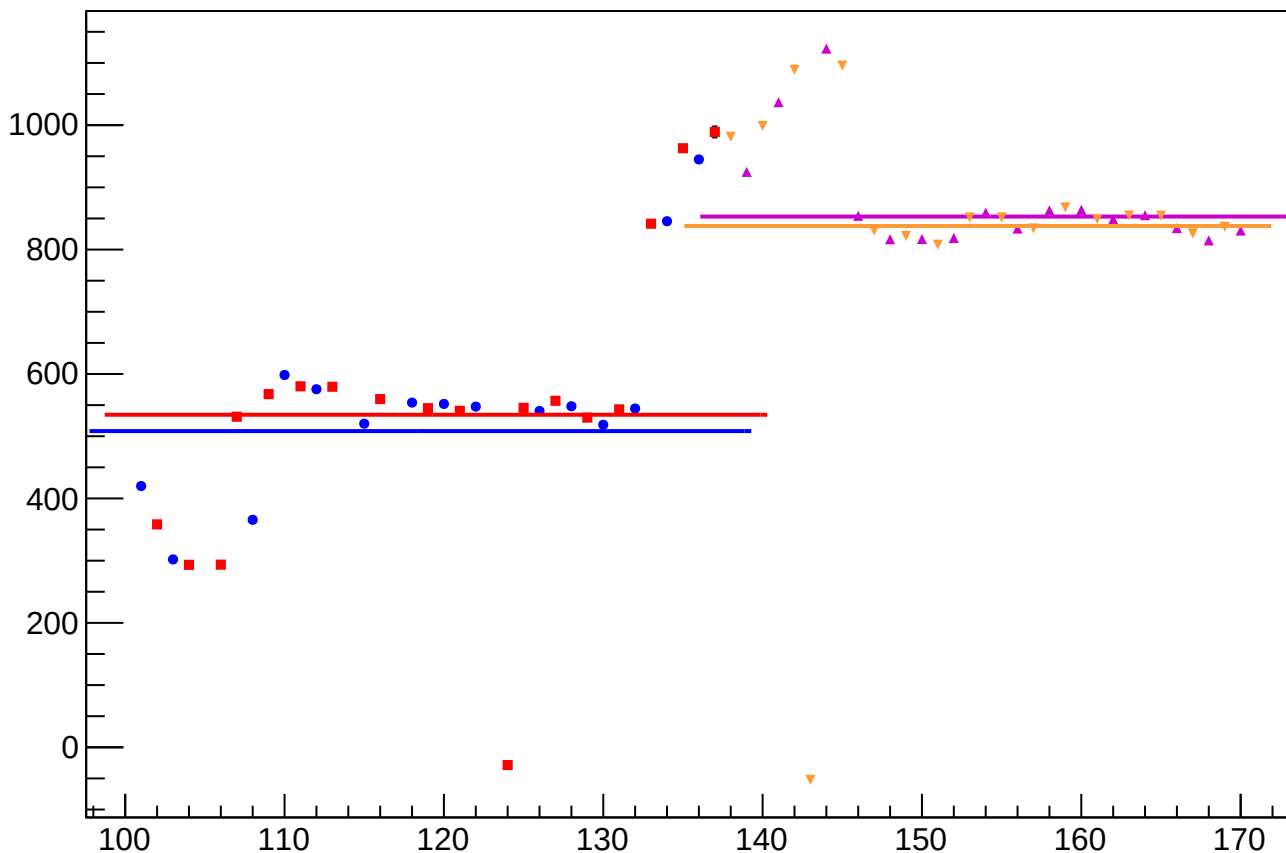
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -785.433 ± 0.141 $\chi^2/\text{NDF}: 2894750.7/30$

Out: -715.273 ± 0.129 $\chi^2/\text{NDF}: 4166475.7/34$

All: -747.063 ± 0.095 $\chi^2/\text{NDF}: 7195757.2/65$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 837.903 $\pm$ 0.146 χ^2 /NDF:415859.5/16

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 853.056 $\pm$ 0.146 χ^2 /NDF:94810.5/15

Left: 845.505 $\pm$ 0.103 χ^2 /NDF: 516048.3/32

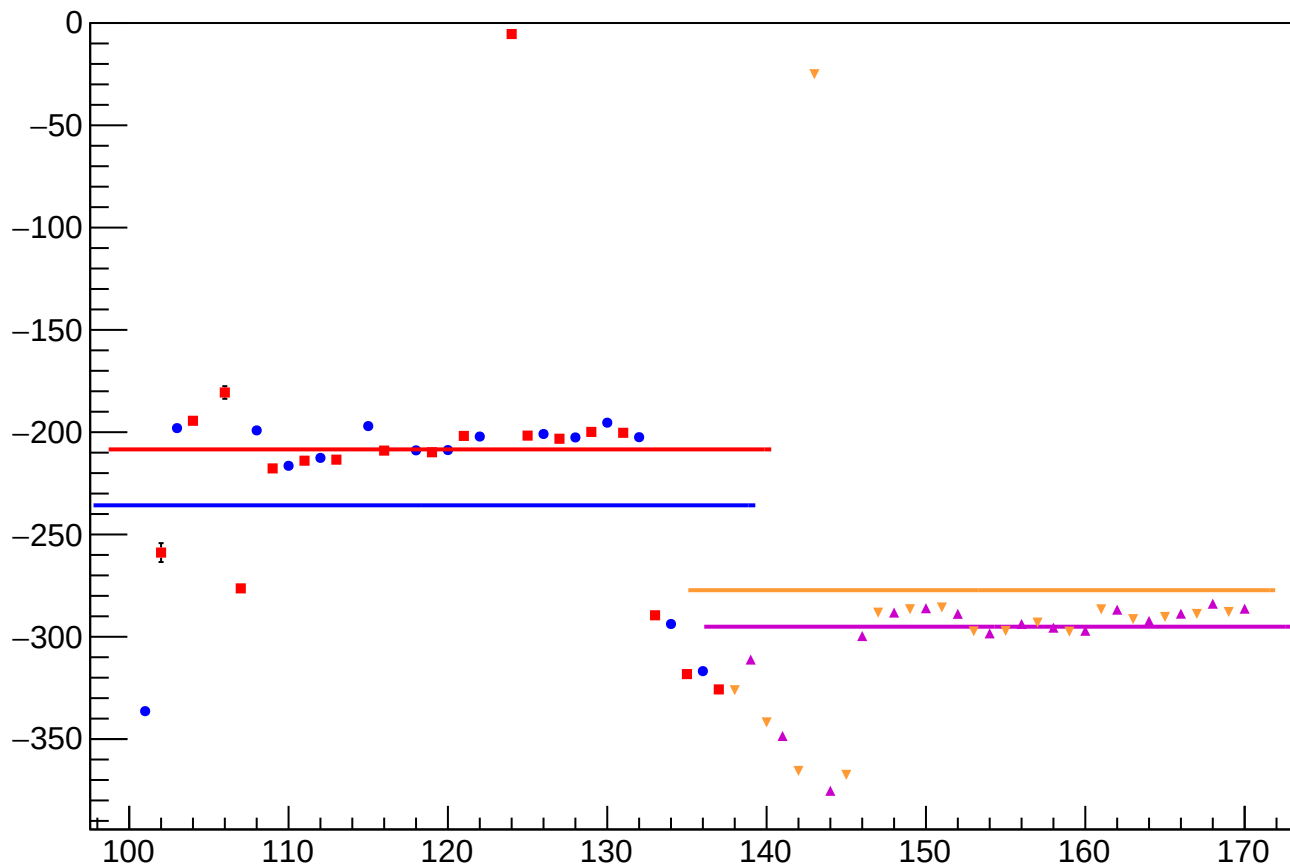
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 748.887 $\pm$ 0.122 χ^2 /NDF:2222685.2/30

Out: 743.164 $\pm$ 0.121 χ^2 /NDF:2126041.9/34

All: 746.014 $\pm$ 0.086 χ^2 /NDF: 4349834.4/65

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -277.238 ± 0.025 $\chi^2/\text{NDF}: 6372915.3/16$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -295.077 ± 0.025 $\chi^2/\text{NDF}: 267094.1/15$

Left: -286.028 ± 0.018 $\chi^2/\text{NDF}: 6889378.8/32$

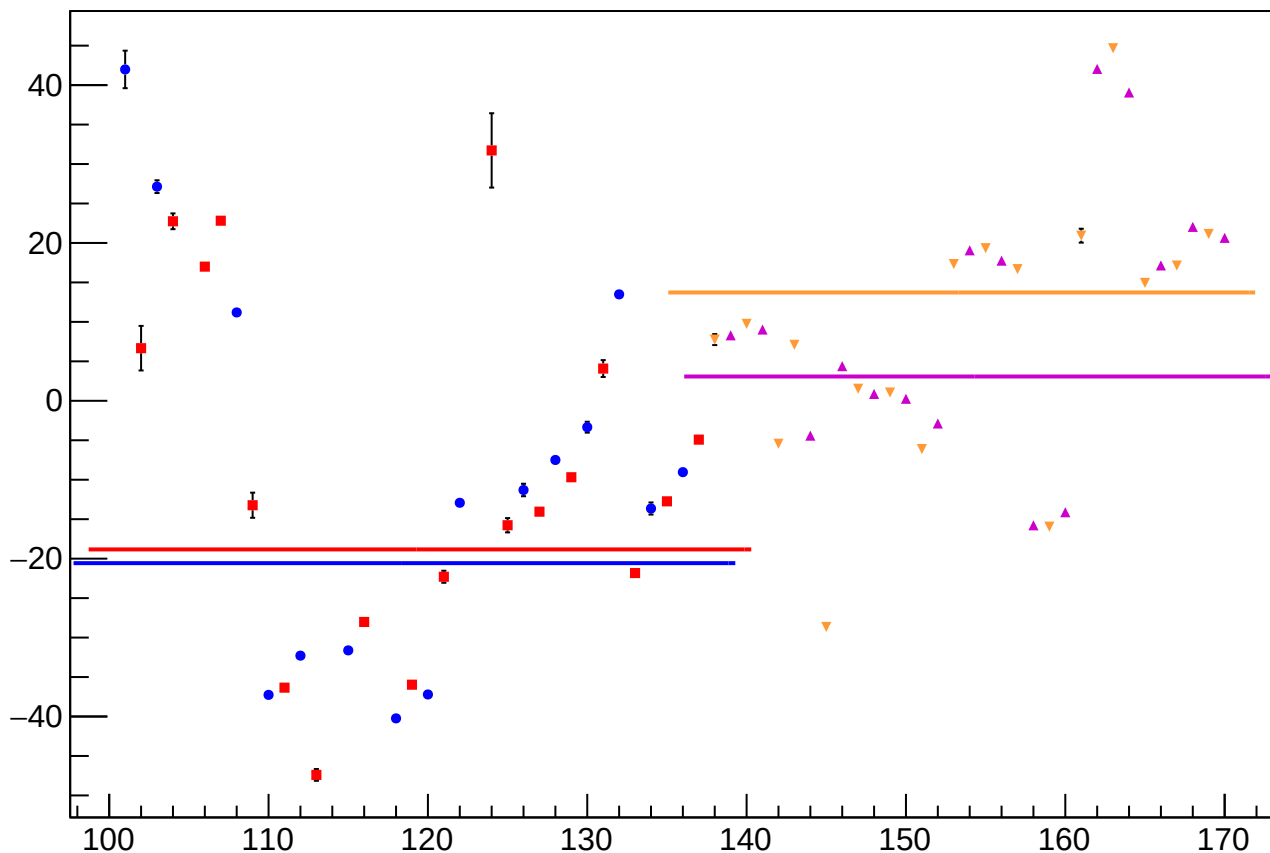
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.688 ± 0.023 $\chi^2/\text{NDF}: 2095408.9/30$

Out: -261.859 ± 0.022 $\chi^2/\text{NDF}: 8431365.8/34$

All: -272.763 ± 0.016 $\chi^2/\text{NDF}: 11036618.2/6$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 13.722 ± 0.025 χ^2/NDF : 452067.5/16

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 3.079 ± 0.021 χ^2/NDF : 674341.2/15

Left: 7.603 ± 0.016 χ^2/NDF : 1233131.0/32

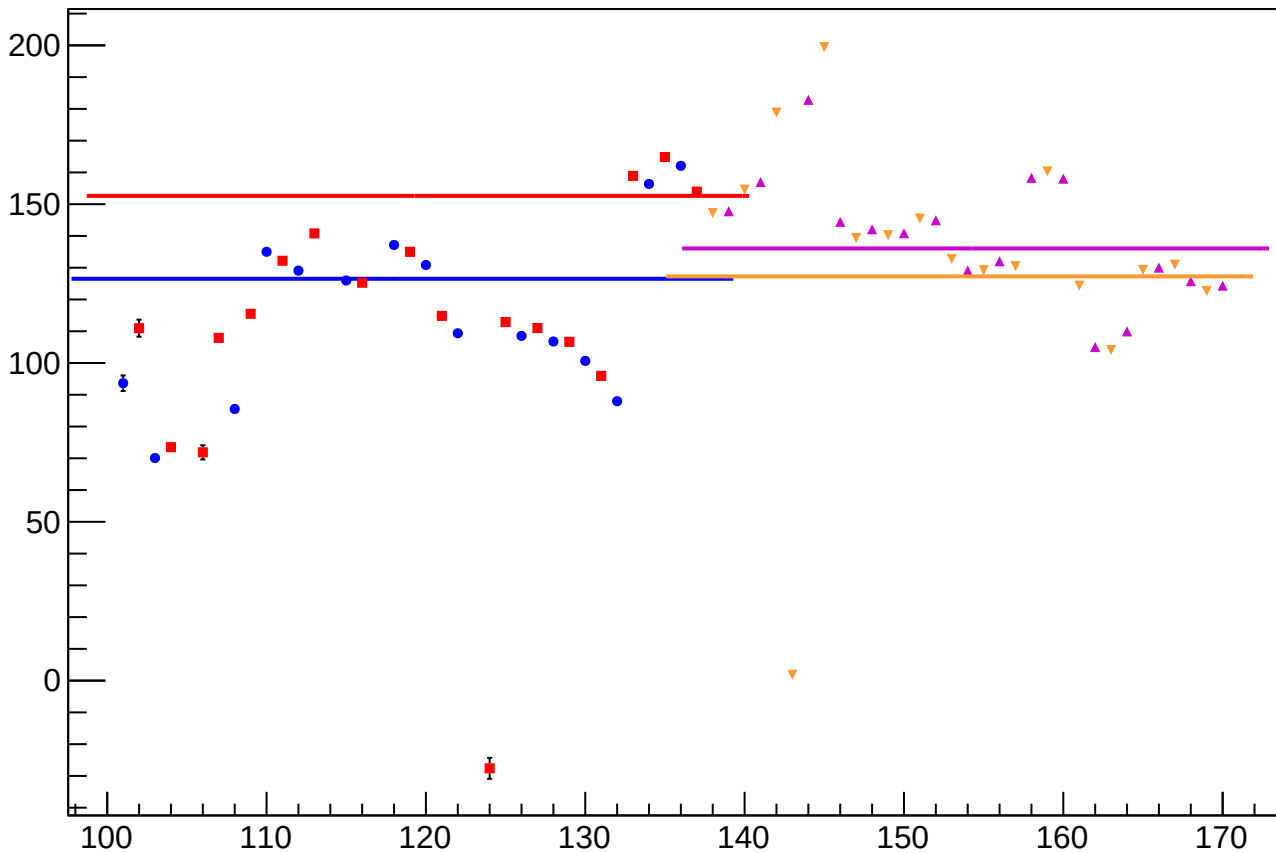
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.154 ± 0.020 χ^2/NDF : 838689.9/30

Out: 12.104 ± 0.024 χ^2/NDF : 559247.1/34

All: 5.717 ± 0.016 χ^2/NDF : 1518530.4/65

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.266 $\pm$ 0.030 χ^2 /NDF:608247.9/16

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 136.065 $\pm$ 0.028 χ^2 /NDF:372377.3/15

Left: 131.995 $\pm$ 0.020 χ^2 /NDF: 1026552.6/32

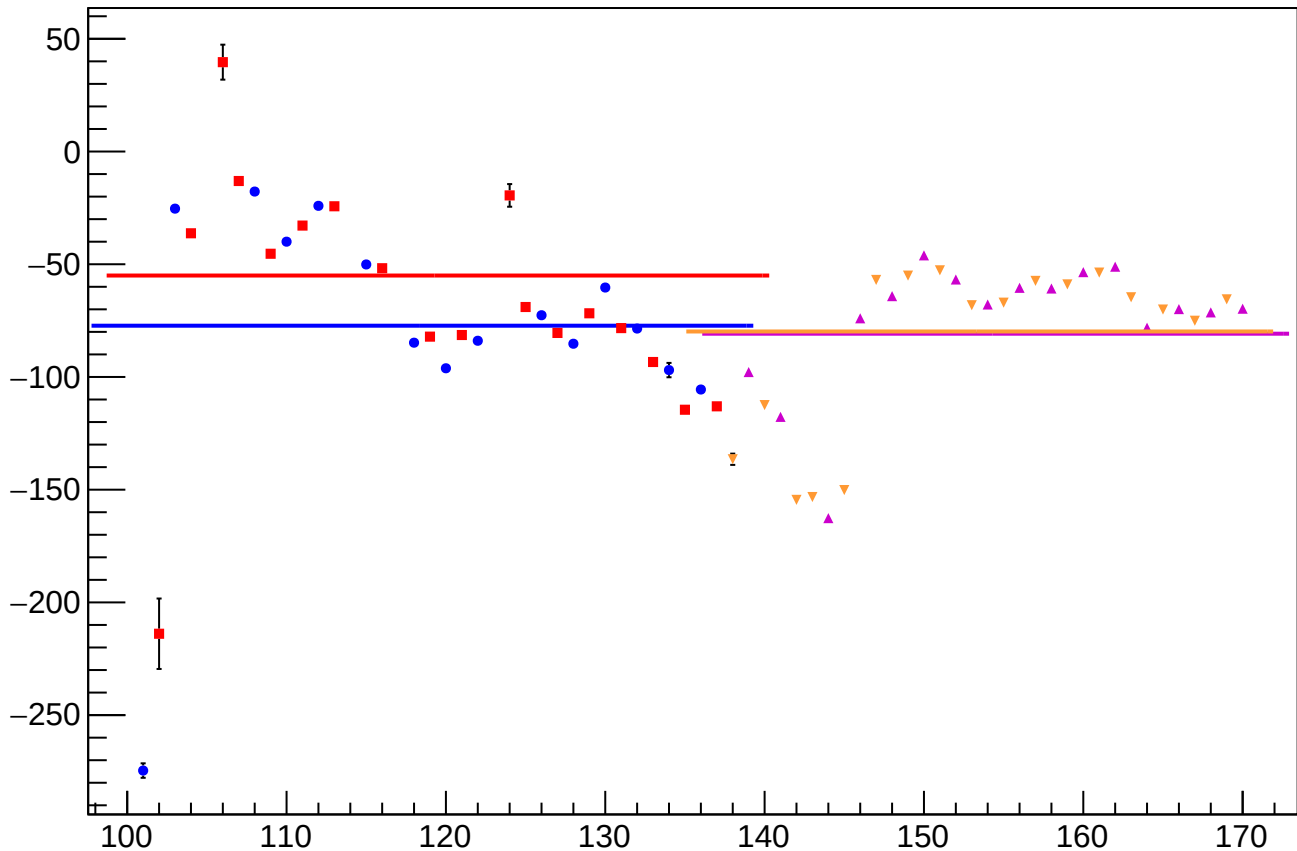
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.115 $\pm$ 0.026 χ^2 /NDF:498978.6/30

Out: 139.837 $\pm$ 0.021 χ^2 /NDF:1034085.1/34

All: 137.976 $\pm$ 0.017 χ^2 /NDF: 1552305.4/65

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -79.824 ± 0.138 χ^2/NDF : 58074.3/16

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -80.811 ± 0.134 χ^2/NDF : 59053.3/15

Left: -80.332 ± 0.096 χ^2/NDF : 117153.9/32

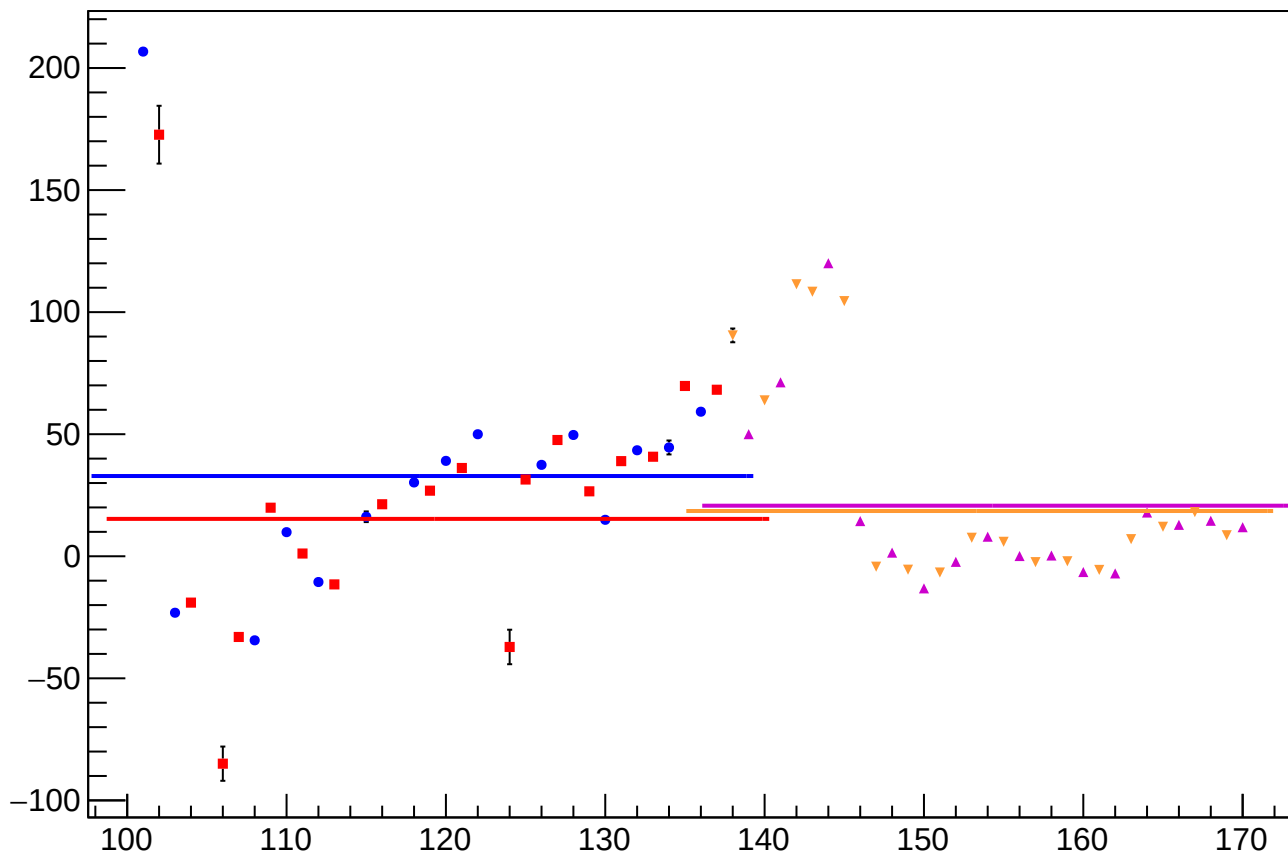
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -79.189 ± 0.099 χ^2/NDF : 89728.6/30

Out: -71.252 ± 0.112 χ^2/NDF : 92842.5/34

All: -75.702 ± 0.074 χ^2/NDF : 185395.9/65

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 18.536 $\pm$ 0.120 χ^2/NDF : 89660.2/16

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 20.717 $\pm$ 0.118 χ^2/NDF : 87815.5/15

Left: 19.649 $\pm$ 0.084 χ^2/NDF : 177644.0/32

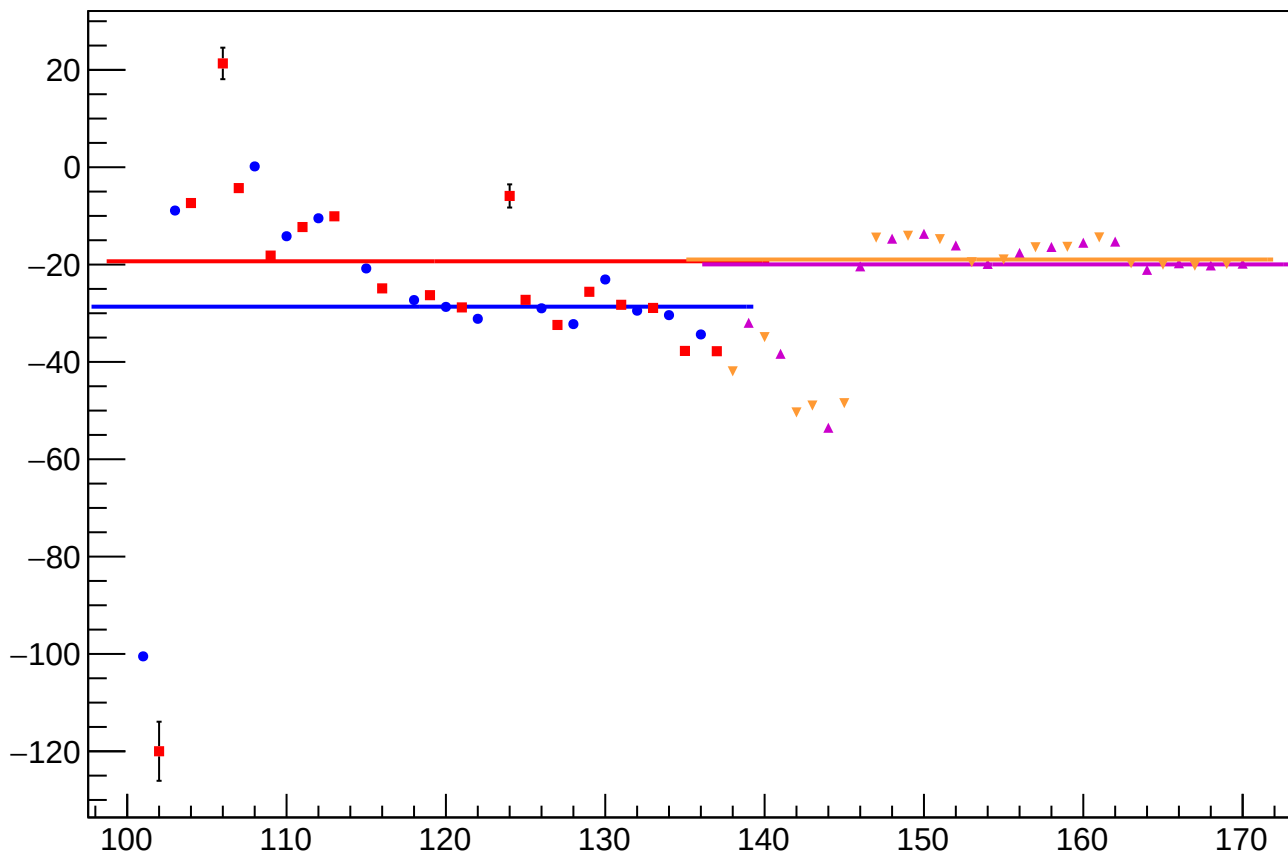
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 25.499 $\pm$ 0.092 χ^2/NDF : 123409.5/30

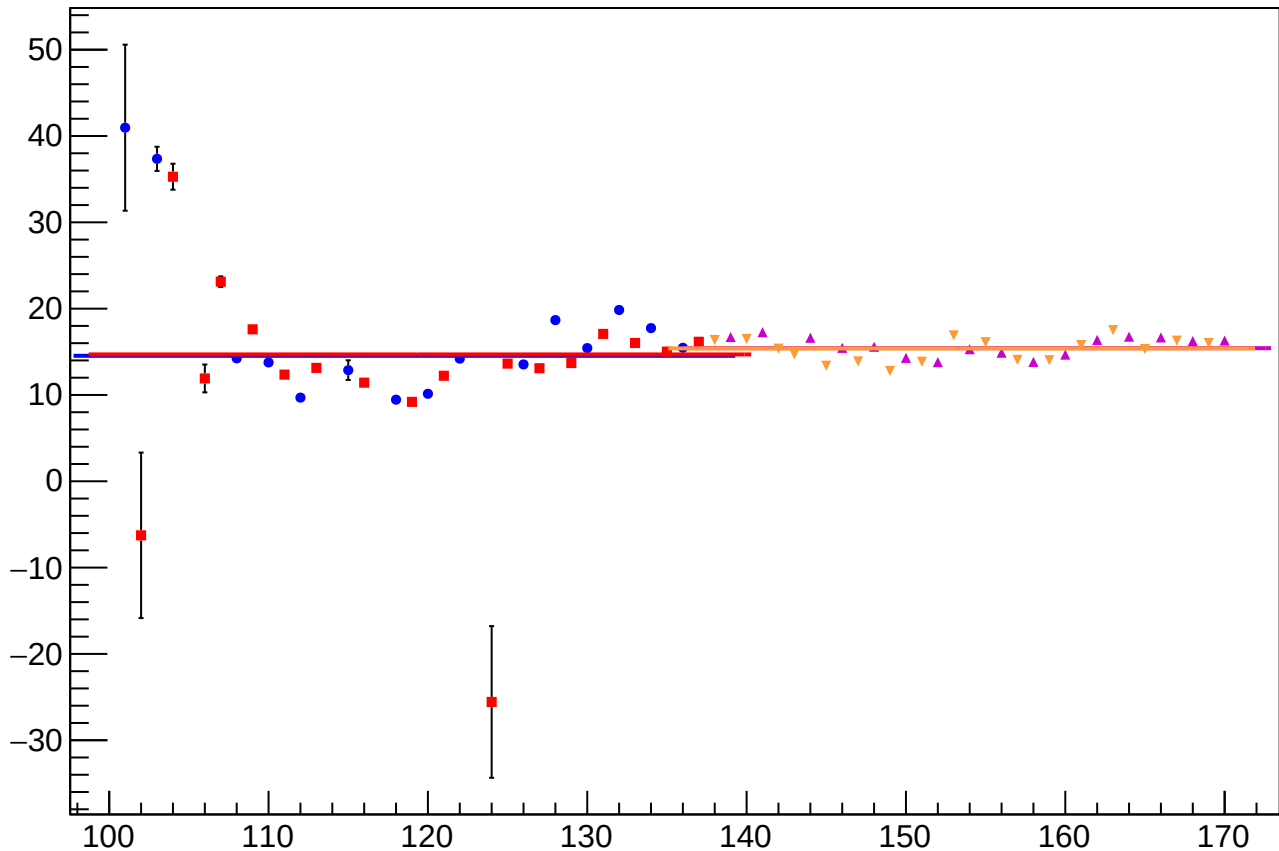
Out: 17.739 $\pm$ 0.104 χ^2/NDF : 106584.5/34

All: 22.116 $\pm$ 0.069 χ^2/NDF : 233122.8/65

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.394+/-0.015 χ^2 /NDF:6825.6/16

Right Out: 14.695+/-0.044 χ^2 /NDF: 1633.0/17

Left In: 15.420+/-0.016 χ^2 /NDF:4879.7/15

Left: 15.407+/-0.011 χ^2 /NDF: 11706.7/32

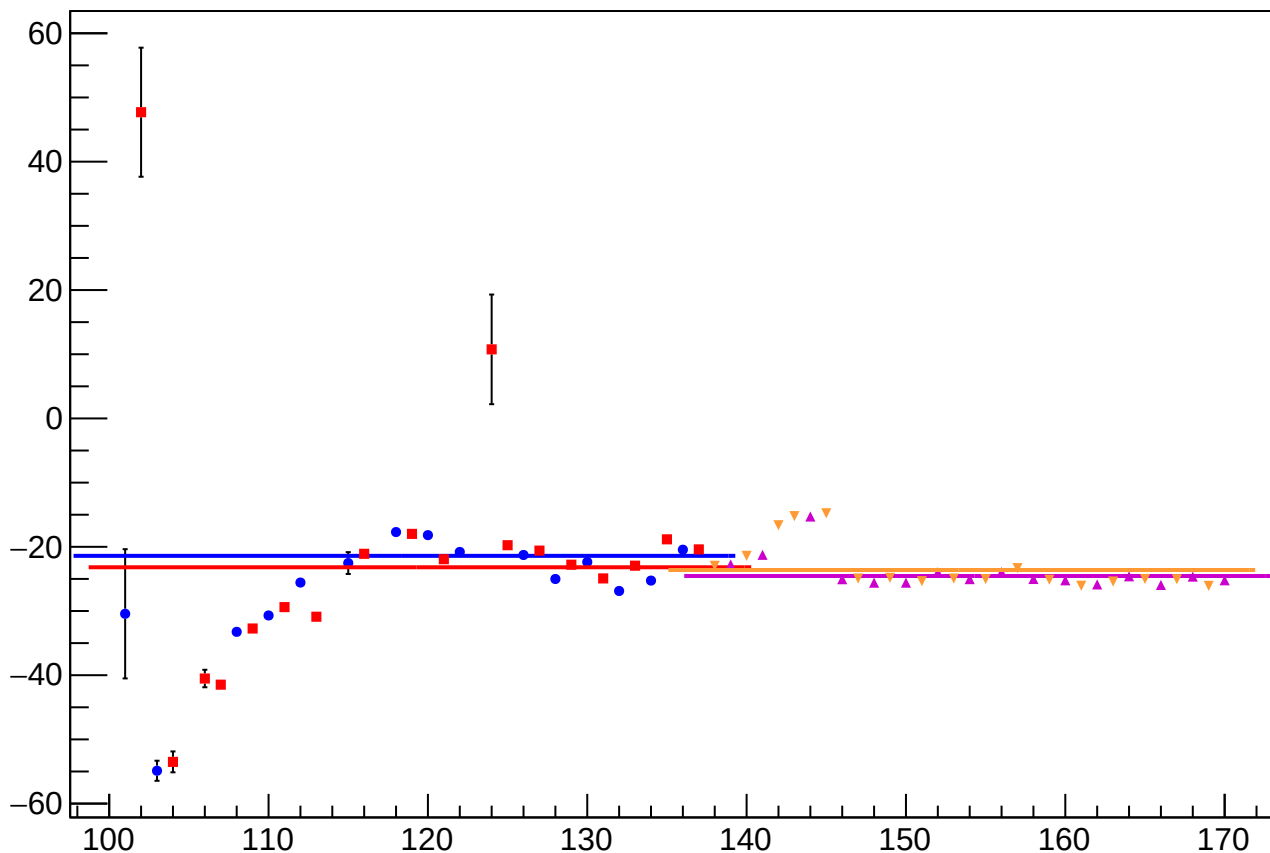
Right: 14.589+/-0.025 χ^2 /NDF: 13713.5/32

In: 15.232+/-0.014 χ^2 /NDF:17639.0/30

Out: 15.316+/-0.015 χ^2 /NDF:8687.9/34

All: 15.272+/-0.010 χ^2 /NDF: 26344.4/65

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 $\pm$ 0.036 χ^2 /NDF: 9686.6/14

Left Out: -23.611 $\pm$ 0.019 χ^2 /NDF:33325.4/16

Right Out: -23.186 $\pm$ 0.051 χ^2 /NDF: 9126.8/17

Left In: -24.547 $\pm$ 0.019 χ^2 /NDF:8014.5/15

Left: -24.090 $\pm$ 0.013 χ^2 /NDF: 42572.9/32

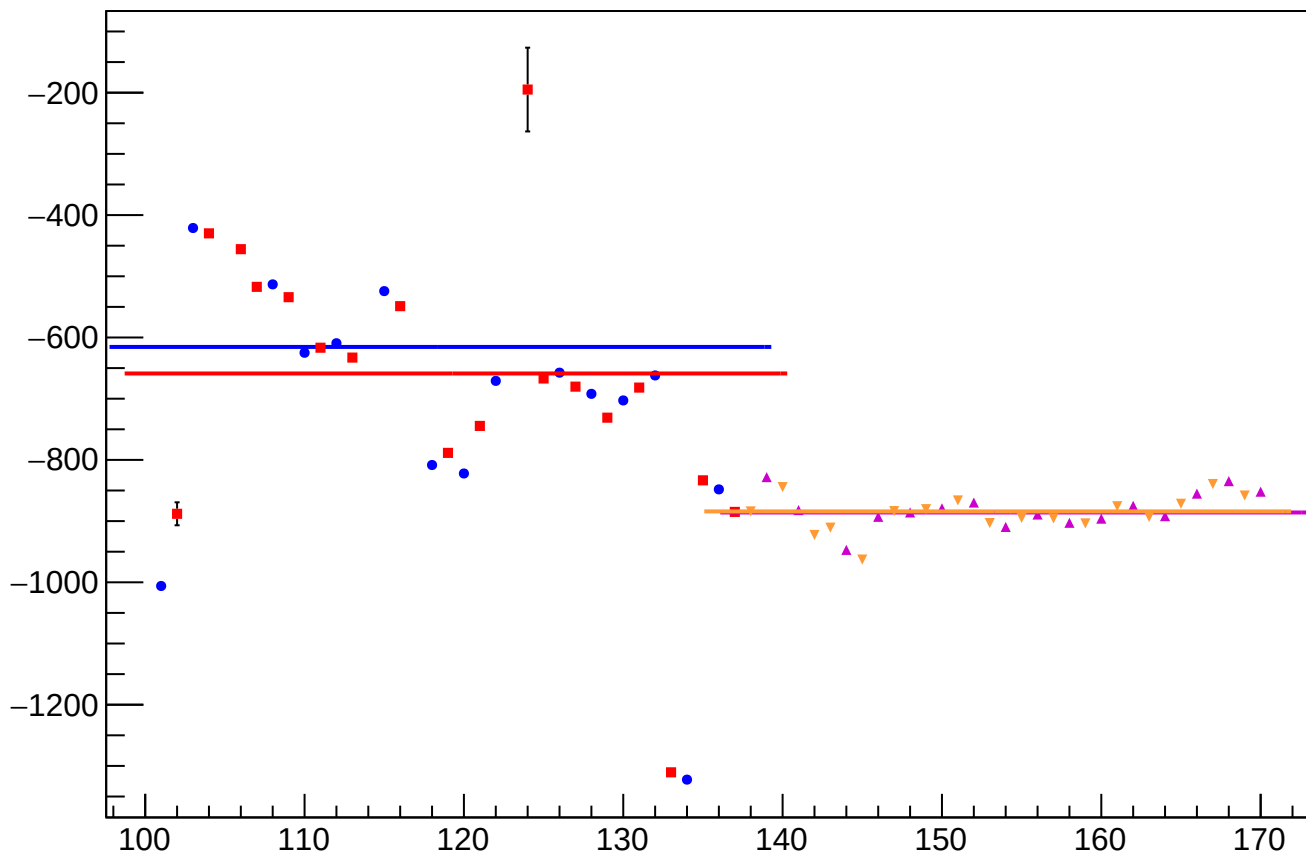
Right: -21.987 $\pm$ 0.029 χ^2 /NDF: 19630.5/32

In: -23.871 $\pm$ 0.017 χ^2 /NDF:23819.5/30

Out: -23.559 $\pm$ 0.018 χ^2 /NDF:42513.0/34

All: -23.727 $\pm$ 0.012 χ^2 /NDF: 66496.3/65

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -884.144+/-0.152 χ^2/NDF : 23602.0/16

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -885.913+/-0.143 χ^2/NDF : 23231.0/15

Left: -885.087+/-0.104 χ^2/NDF : 46904.9/32

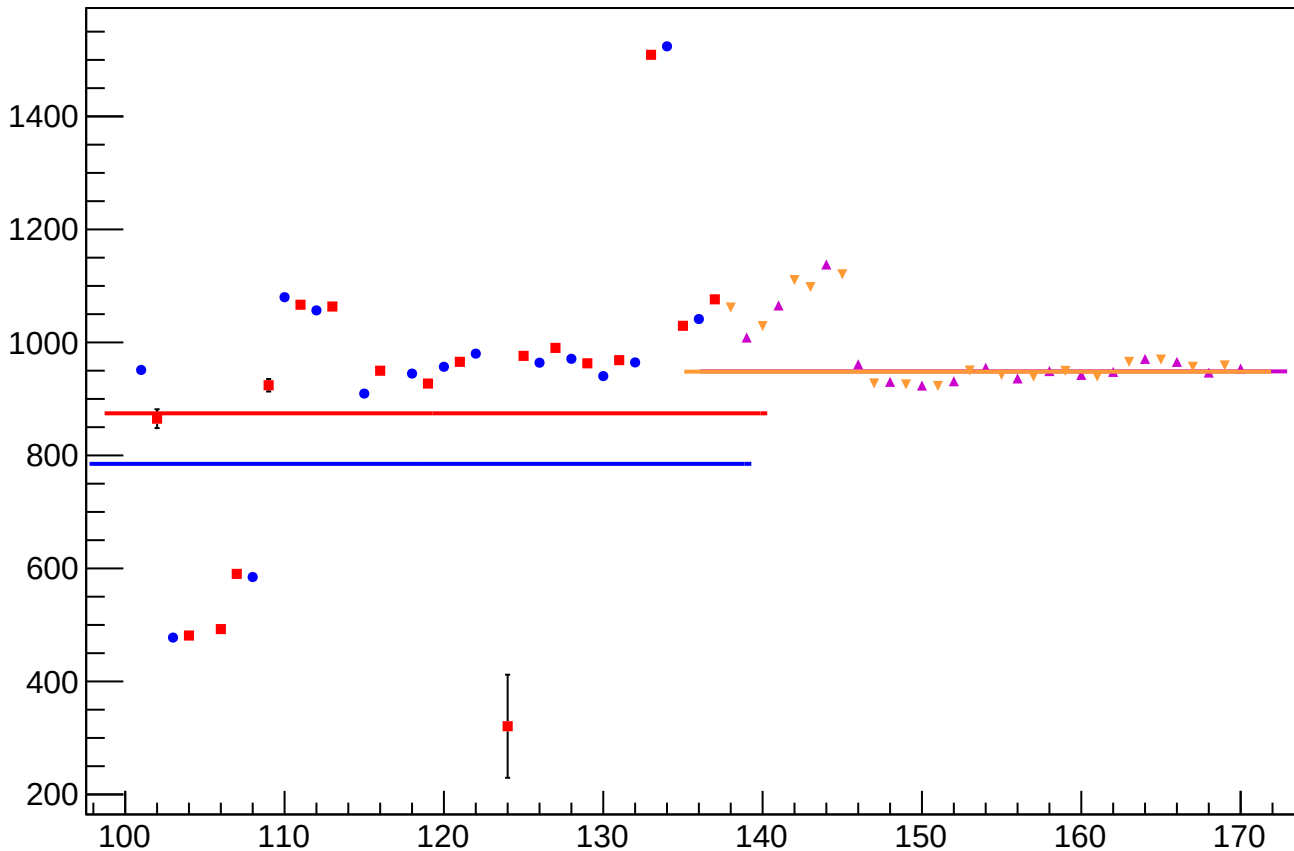
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -814.225+/-0.122 χ^2/NDF : 1358599.2/30

Out: -825.283+/-0.131 χ^2/NDF : 980067.8/34

All: -819.377+/-0.089 χ^2/NDF : 2342474.2/65

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.278 $\pm$ 0.125 χ^2/NDF : 71437.7/16

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.765 $\pm$ 0.118 χ^2/NDF : 75319.1/15

Left: 948.536 $\pm$ 0.086 χ^2/NDF : 146764.8/32

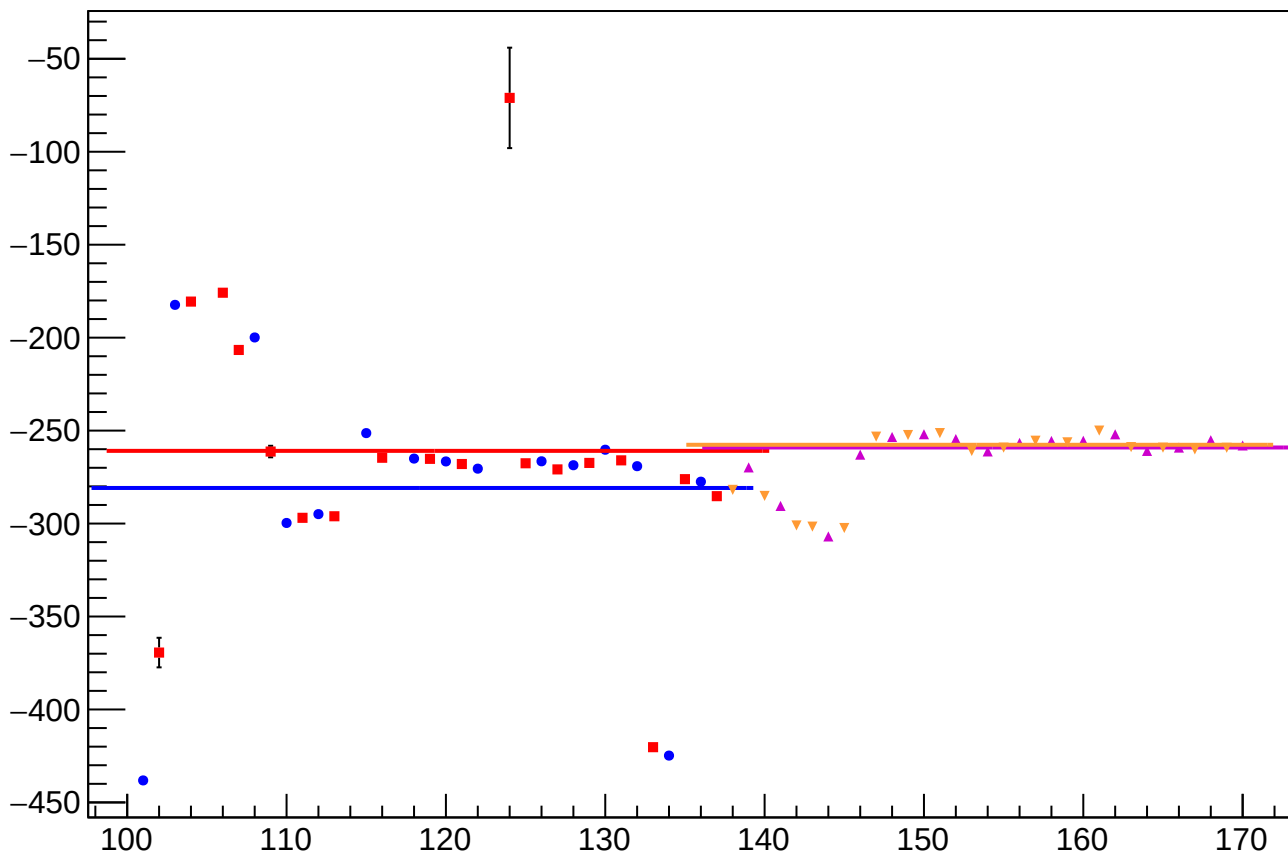
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 914.415 $\pm$ 0.104 χ^2/NDF : 1368485.6/30

Out: 934.537 $\pm$ 0.113 χ^2/NDF : 978865.0/34

All: 923.709 $\pm$ 0.077 χ^2/NDF : 2364486.6/65

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.627 ± 0.021 $\chi^2/\text{NDF}: 169478.1/16$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.084 ± 0.021 $\chi^2/\text{NDF}: 188233.8/15$

Left: -258.368 ± 0.015 $\chi^2/\text{NDF}: 360097.4/32$

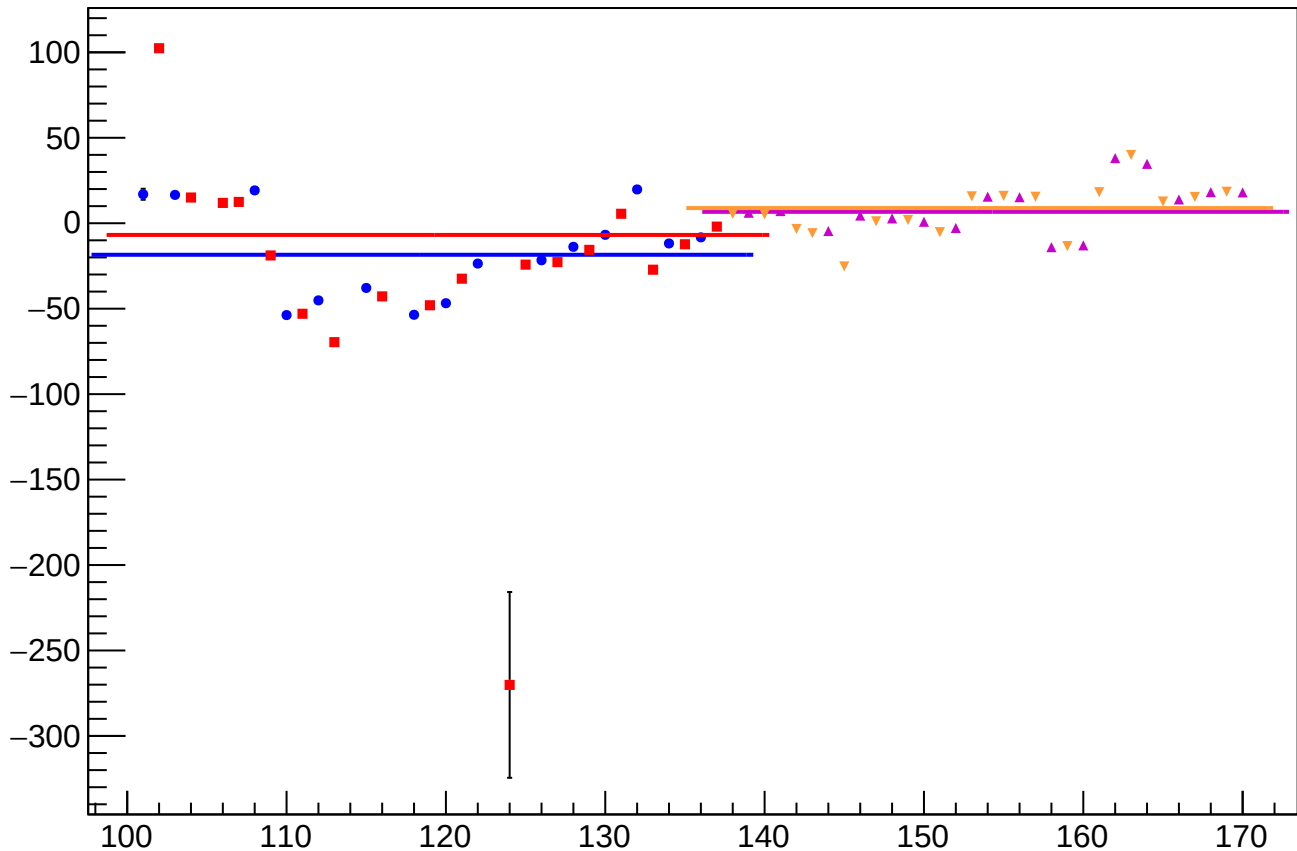
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.551 ± 0.020 $\chi^2/\text{NDF}: 1184521.5/30$

Out: -257.922 ± 0.020 $\chi^2/\text{NDF}: 519326.3/34$

All: -259.789 ± 0.014 $\chi^2/\text{NDF}: 1720321.2/65$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 8.862 ± 0.023 $\chi^2/\text{NDF}: 380294.1/16$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.679 ± 0.021 $\chi^2/\text{NDF}: 431893.6/15$

Left: 7.679 ± 0.015 $\chi^2/\text{NDF}: 817268.6/32$

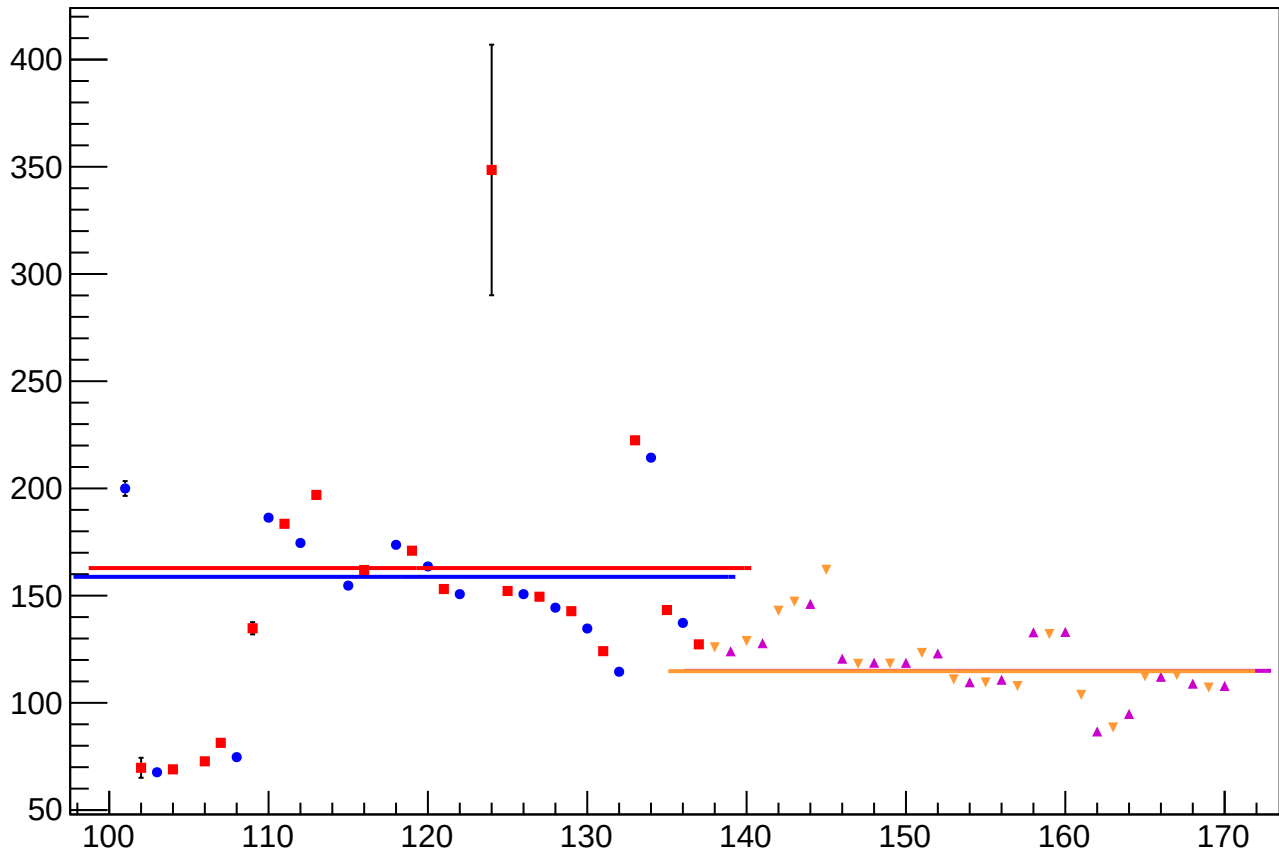
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 5.445 ± 0.020 $\chi^2/\text{NDF}: 550559.2/30$

Out: 7.155 ± 0.021 $\chi^2/\text{NDF}: 483043.0/34$

All: 6.256 ± 0.015 $\chi^2/\text{NDF}: 1036994.5/65$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 114.781 ± 0.026 χ^2/NDF : 216920.2/16

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 114.928 ± 0.023 χ^2/NDF : 297156.4/15

Left: 114.863 ± 0.017 χ^2/NDF : 514094.8/32

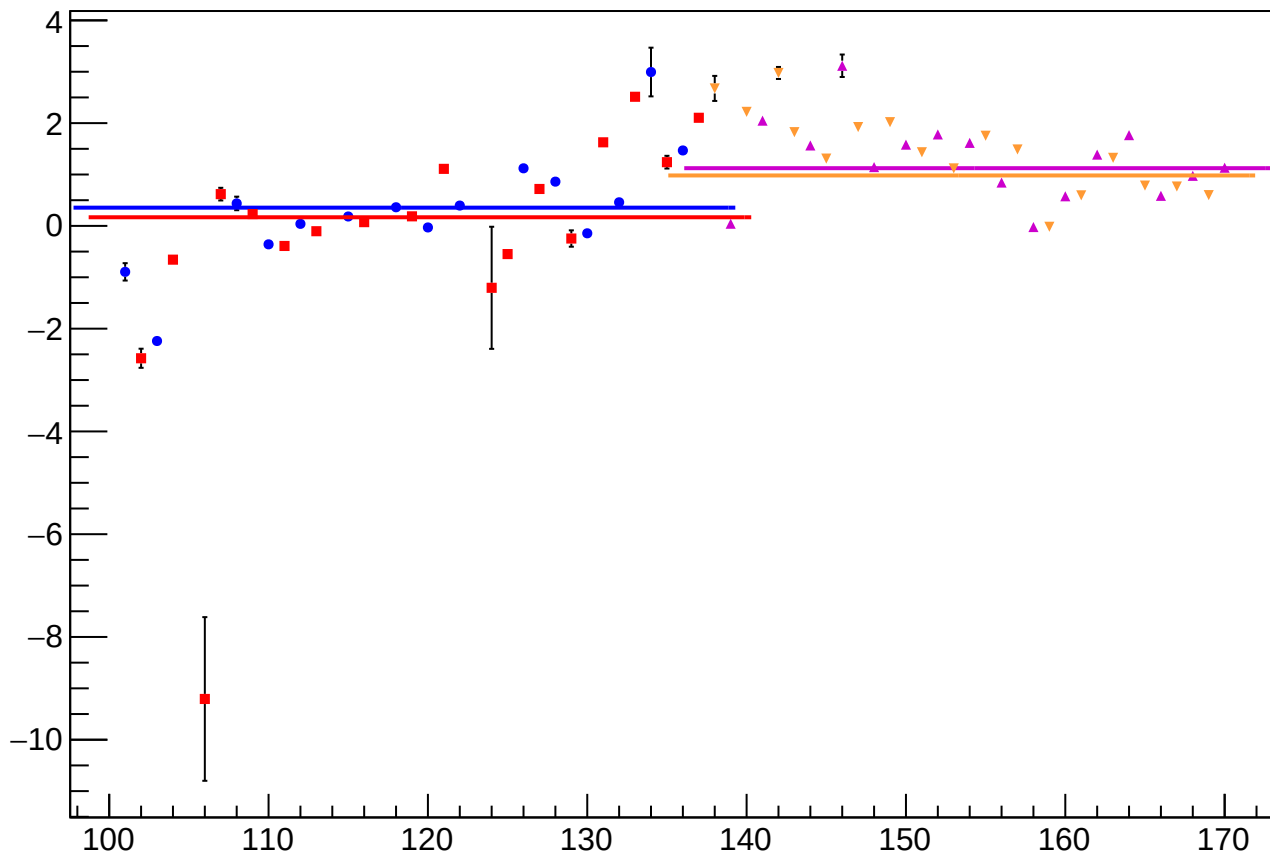
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 117.690 ± 0.022 χ^2/NDF : 687140.6/30

Out: 118.203 ± 0.025 χ^2/NDF : 619879.7/34

All: 117.917 ± 0.017 χ^2/NDF : 1307257.4/65

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.982 ± 0.009 $\chi^2/\text{NDF}: 5257.9/16$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.123 ± 0.008 $\chi^2/\text{NDF}: 6428.9/15$

Left: 1.065 ± 0.006 $\chi^2/\text{NDF}: 11825.1/32$

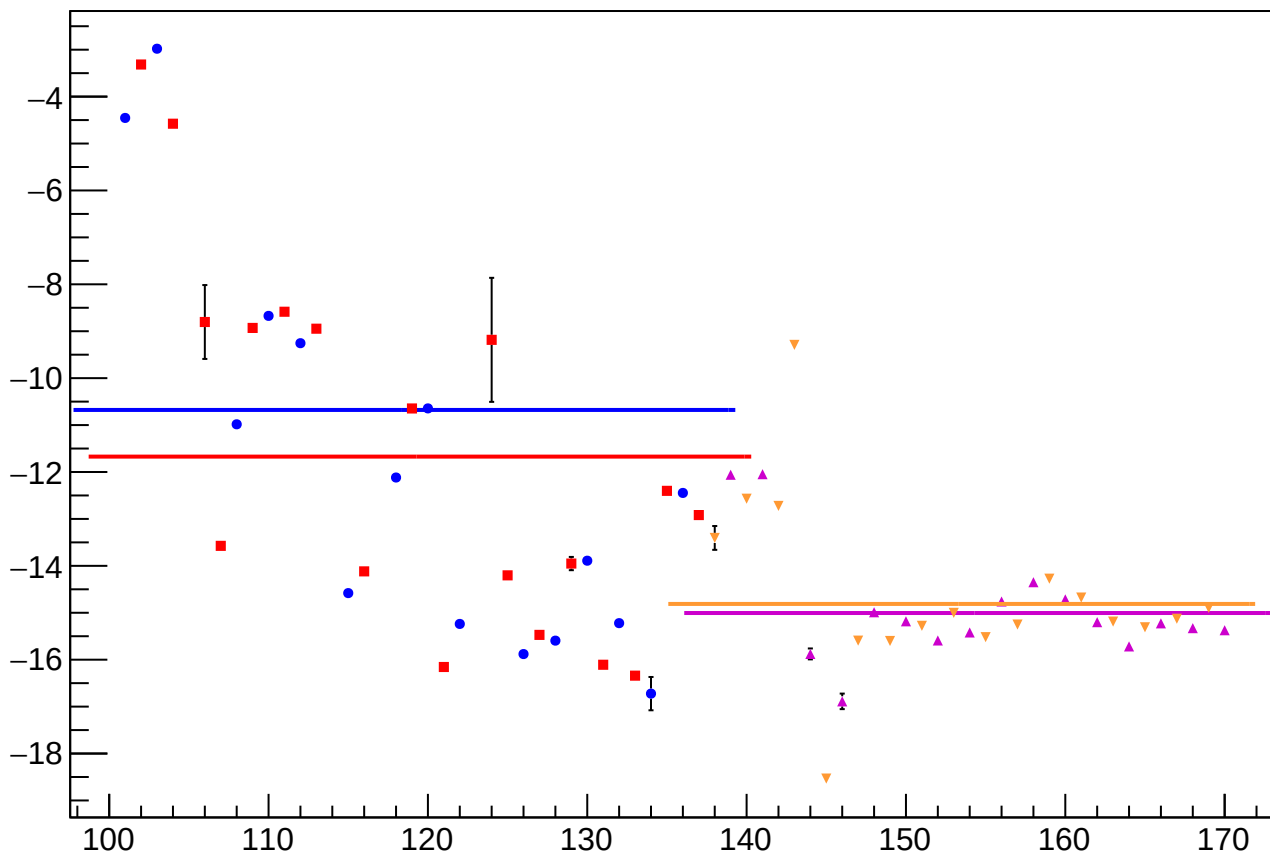
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.893 ± 0.006 $\chi^2/\text{NDF}: 13427.8/30$

Out: 0.498 ± 0.006 $\chi^2/\text{NDF}: 14438.5/34$

All: 0.678 ± 0.004 $\chi^2/\text{NDF}: 29916.5/65$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.812 $\pm$ 0.007 χ^2/NDF : 30589.4/16

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.005 $\pm$ 0.007 χ^2/NDF : 12660.6/15

Left: -14.918 $\pm$ 0.005 χ^2/NDF : 43620.6/32

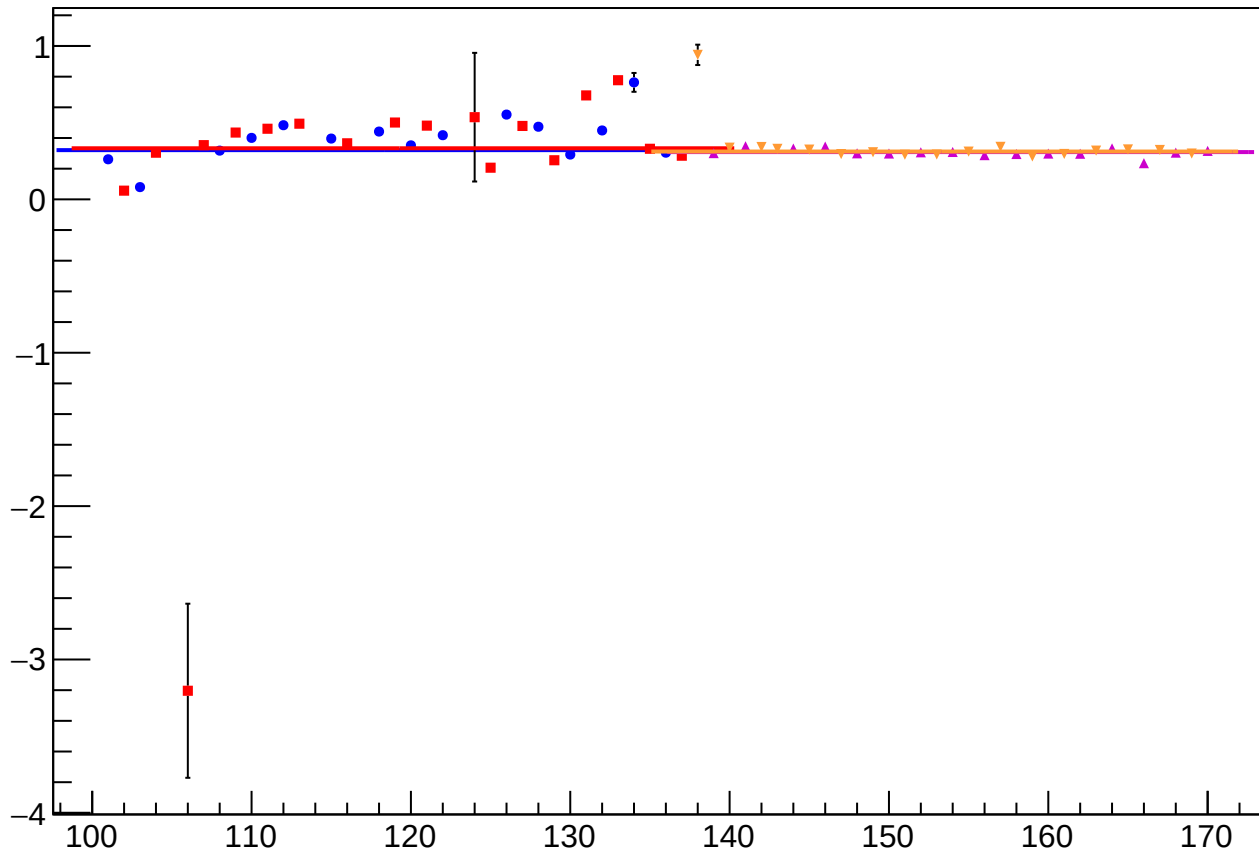
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.705 $\pm$ 0.006 χ^2/NDF : 363469.7/30

Out: -13.897 $\pm$ 0.006 χ^2/NDF : 189990.9/34

All: -13.791 $\pm$ 0.004 χ^2/NDF : 553977.8/65

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 :4558.4/16

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF :2601.8/15

Left: 0.310+/-0.000 χ^2/NDF : 7249.5/32

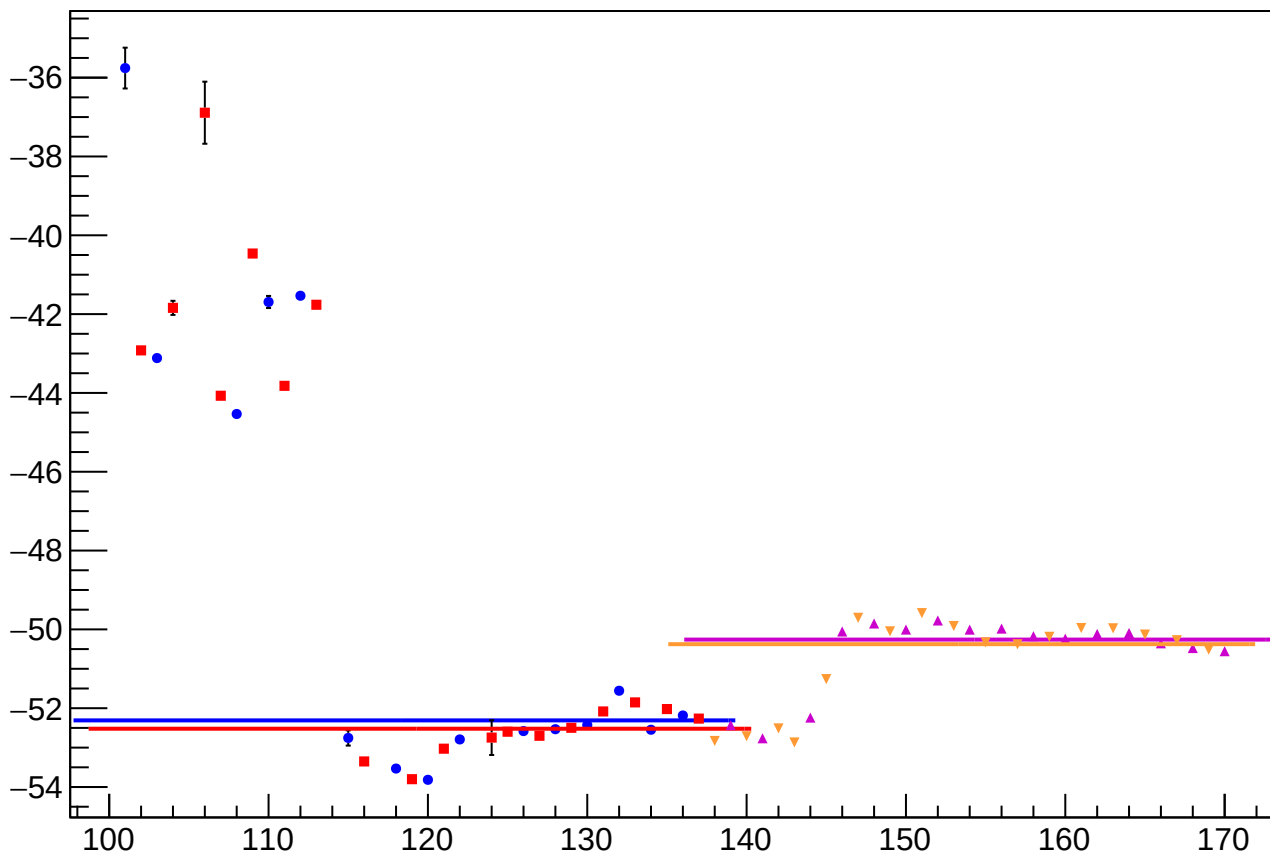
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF :6788.5/30

Out: 0.313+/-0.000 χ^2/NDF :9004.8/34

All: 0.311+/-0.000 χ^2/NDF : 15883.1/65

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.375 ± 0.002 $\chi^2/\text{NDF}: 227414.9/16$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.259 ± 0.001 $\chi^2/\text{NDF}: 162953.6/15$

Left: -50.306 ± 0.001 $\chi^2/\text{NDF}: 393153.4/32$

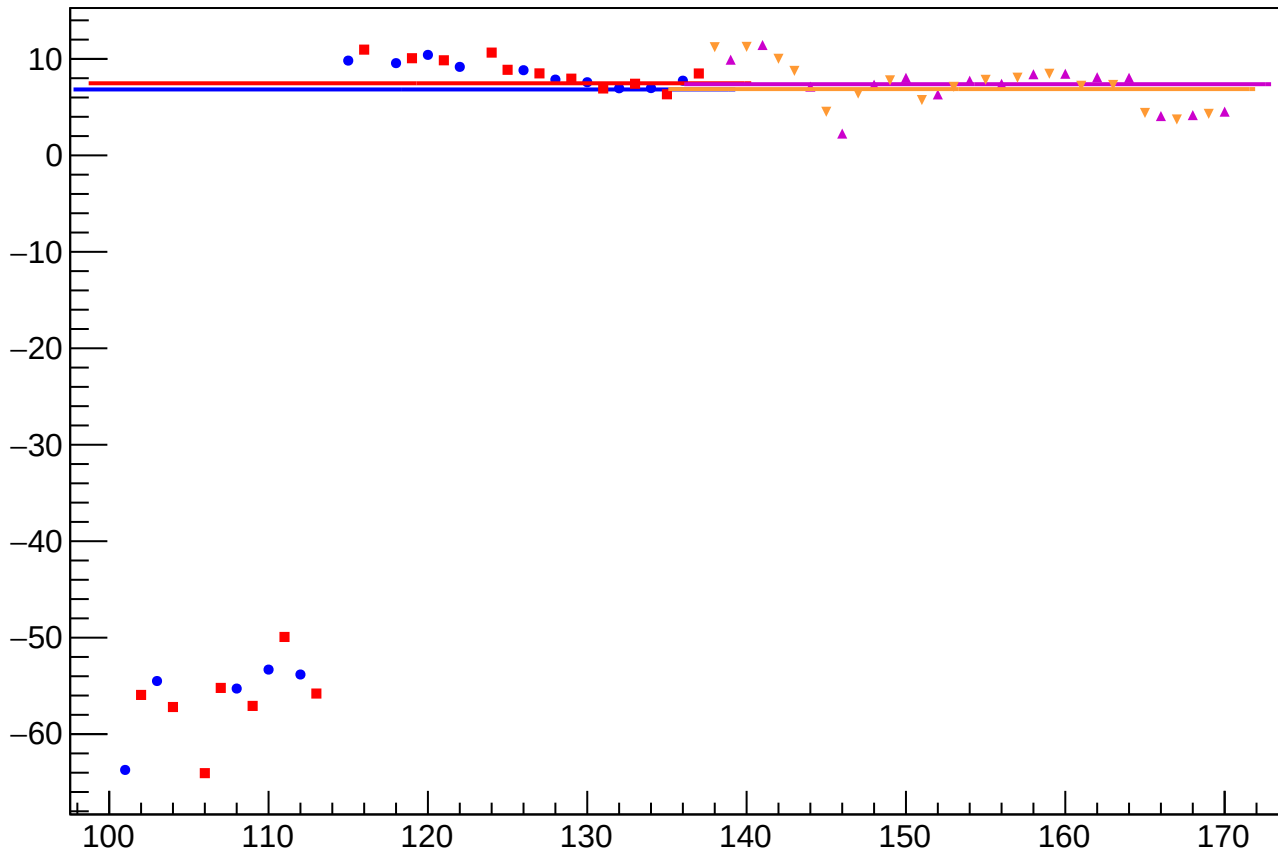
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.448 ± 0.001 $\chi^2/\text{NDF}: 412259.9/30$

Out: -50.632 ± 0.002 $\chi^2/\text{NDF}: 495077.7/34$

All: -50.524 ± 0.001 $\chi^2/\text{NDF}: 915189.0/65$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.871 ± 0.004 $\chi^2/\text{NDF}: 282215.7/16$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.379 ± 0.004 $\chi^2/\text{NDF}: 143952.8/15$

Left: 7.145 ± 0.003 $\chi^2/\text{NDF}: 435418.8/32$

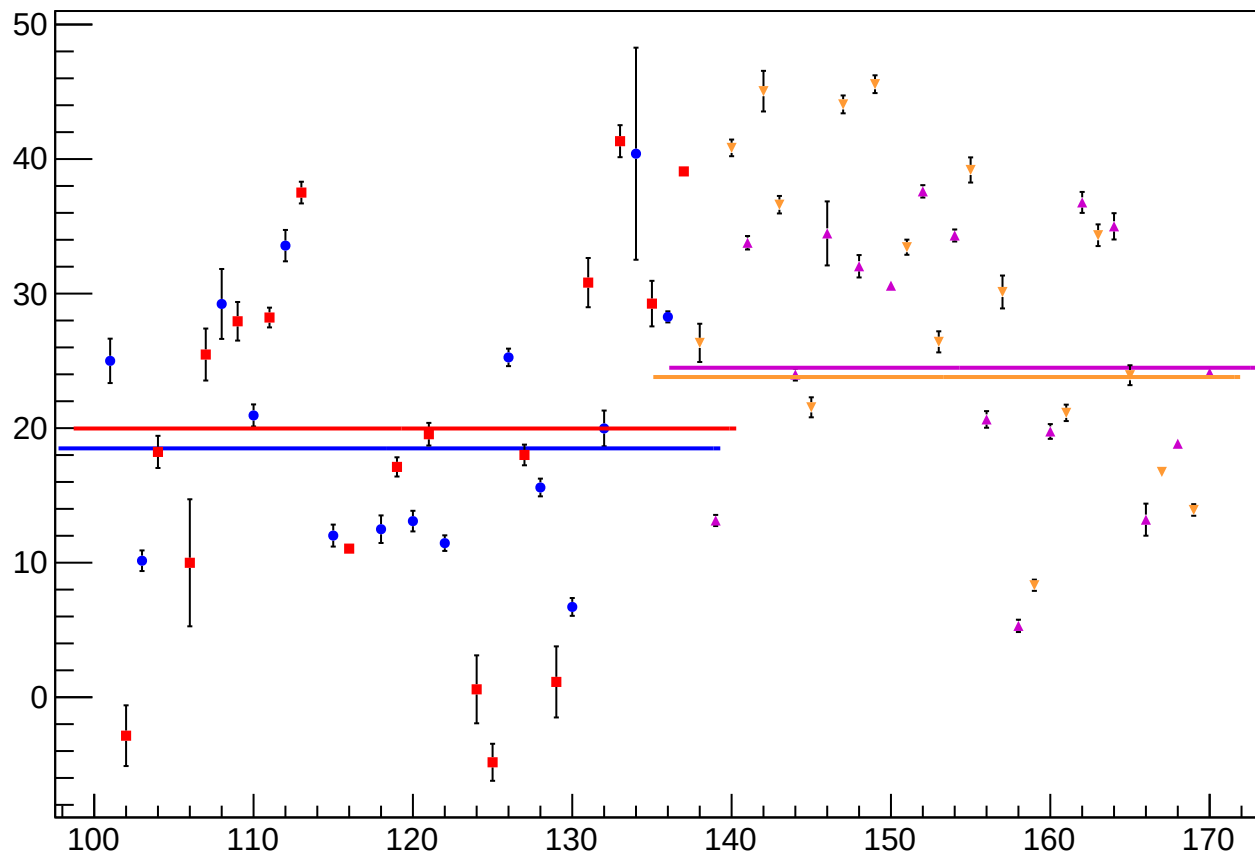
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.197 ± 0.003 $\chi^2/\text{NDF}: 1142256.8/30$

Out: 6.960 ± 0.004 $\chi^2/\text{NDF}: 1481298.2/34$

All: 7.102 ± 0.002 $\chi^2/\text{NDF}: 2626168.9/65$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 23.800 $\pm$ 0.141 χ^2/NDF : 6774.9/16

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 24.489 $\pm$ 0.118 χ^2/NDF : 5449.6/15

Left: 24.204 $\pm$ 0.091 χ^2/NDF : 12238.6/32

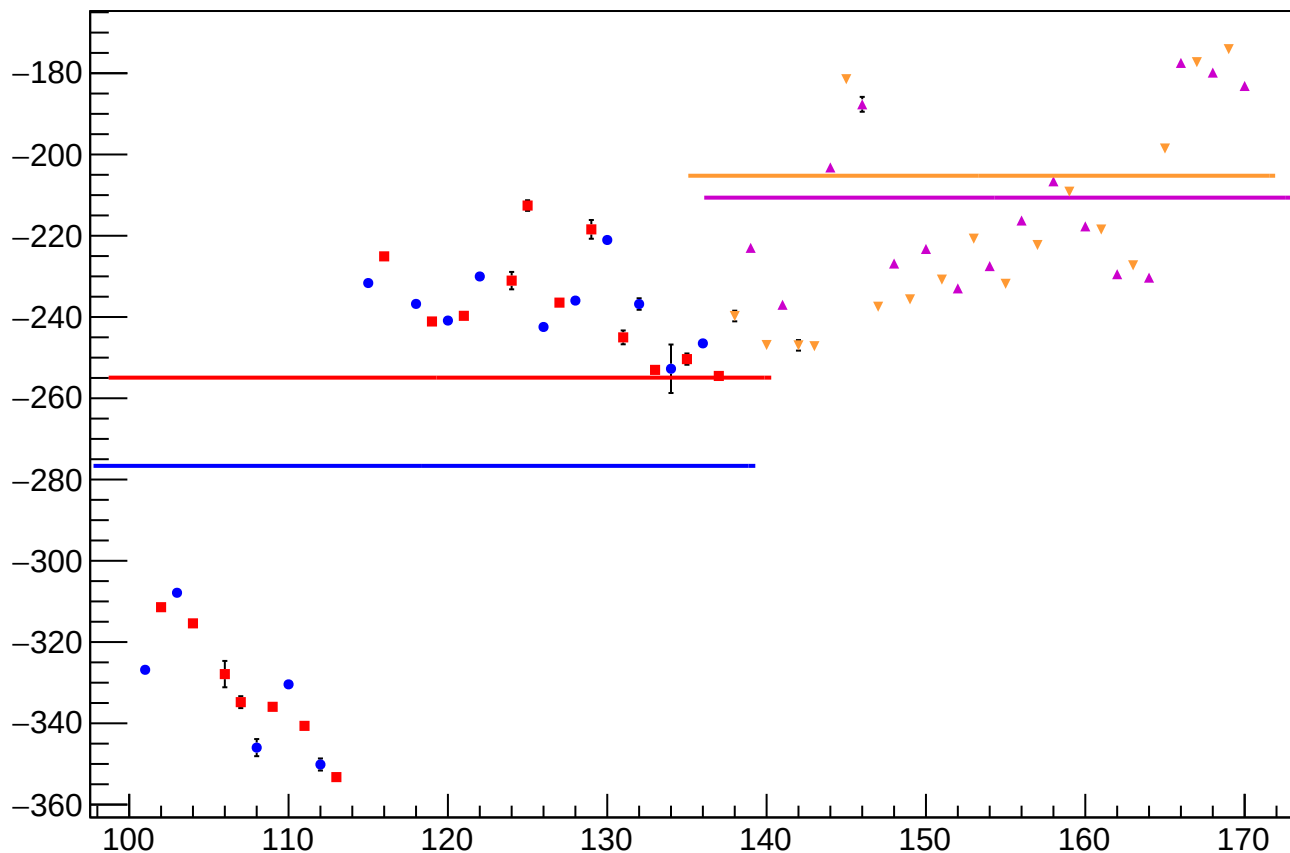
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 22.938 $\pm$ 0.102 χ^2/NDF : 7751.4/30

Out: 21.735 $\pm$ 0.096 χ^2/NDF : 16373.8/34

All: 22.299 $\pm$ 0.070 χ^2/NDF : 24199.3/65

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -205.229 ± 0.117 $\chi^2/\text{NDF}: 53925.6/16$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -210.622 ± 0.102 $\chi^2/\text{NDF}: 40249.5/15$

Left: -208.281 ± 0.077 $\chi^2/\text{NDF}: 95385.4/32$

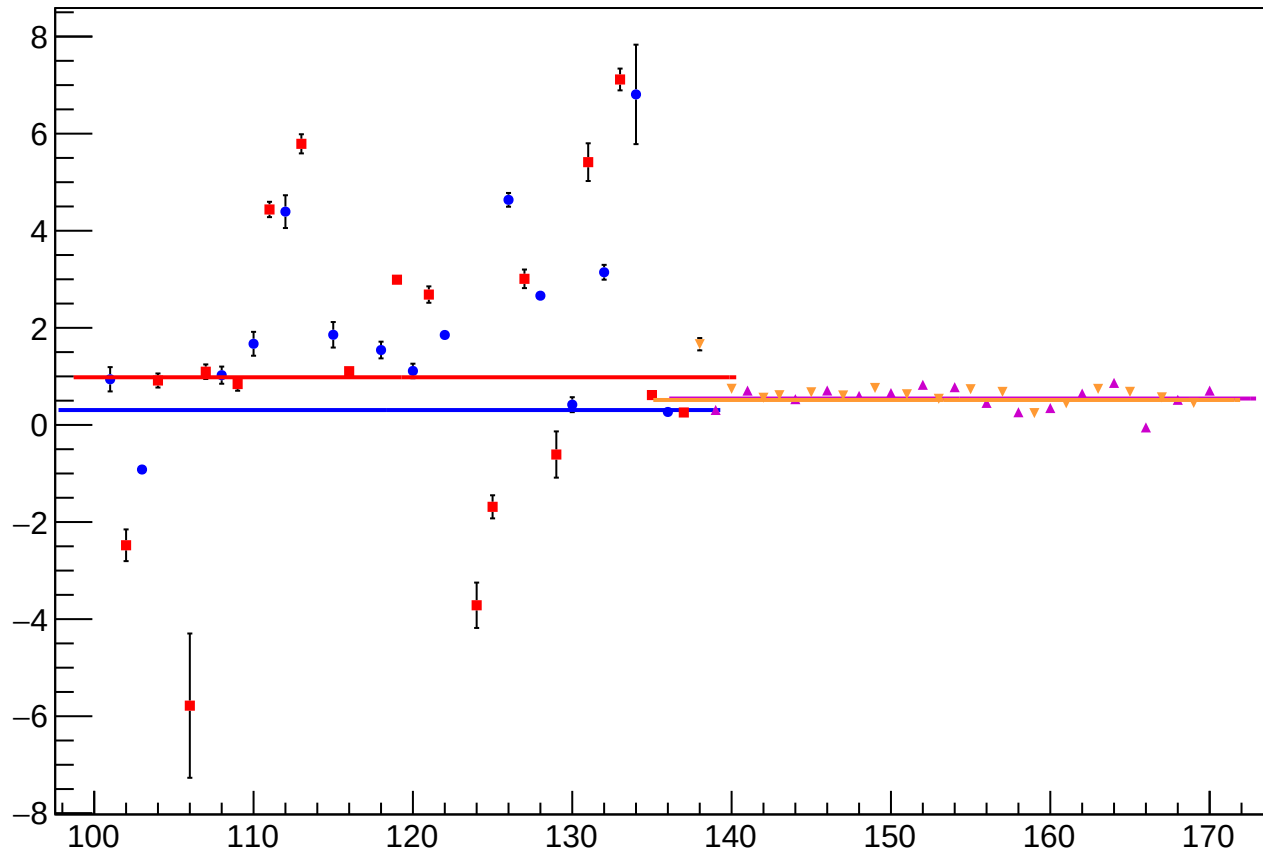
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -232.009 ± 0.084 $\chi^2/\text{NDF}: 252698.8/30$

Out: -241.420 ± 0.061 $\chi^2/\text{NDF}: 258104.9/34$

All: -238.185 ± 0.049 $\chi^2/\text{NDF}: 519045.7/65$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.514 ± 0.002 $\chi^2/\text{NDF}: 8336.0/16$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.544 ± 0.002 $\chi^2/\text{NDF}: 14103.2/15$

Left: 0.531 ± 0.001 $\chi^2/\text{NDF}: 22554.3/32$

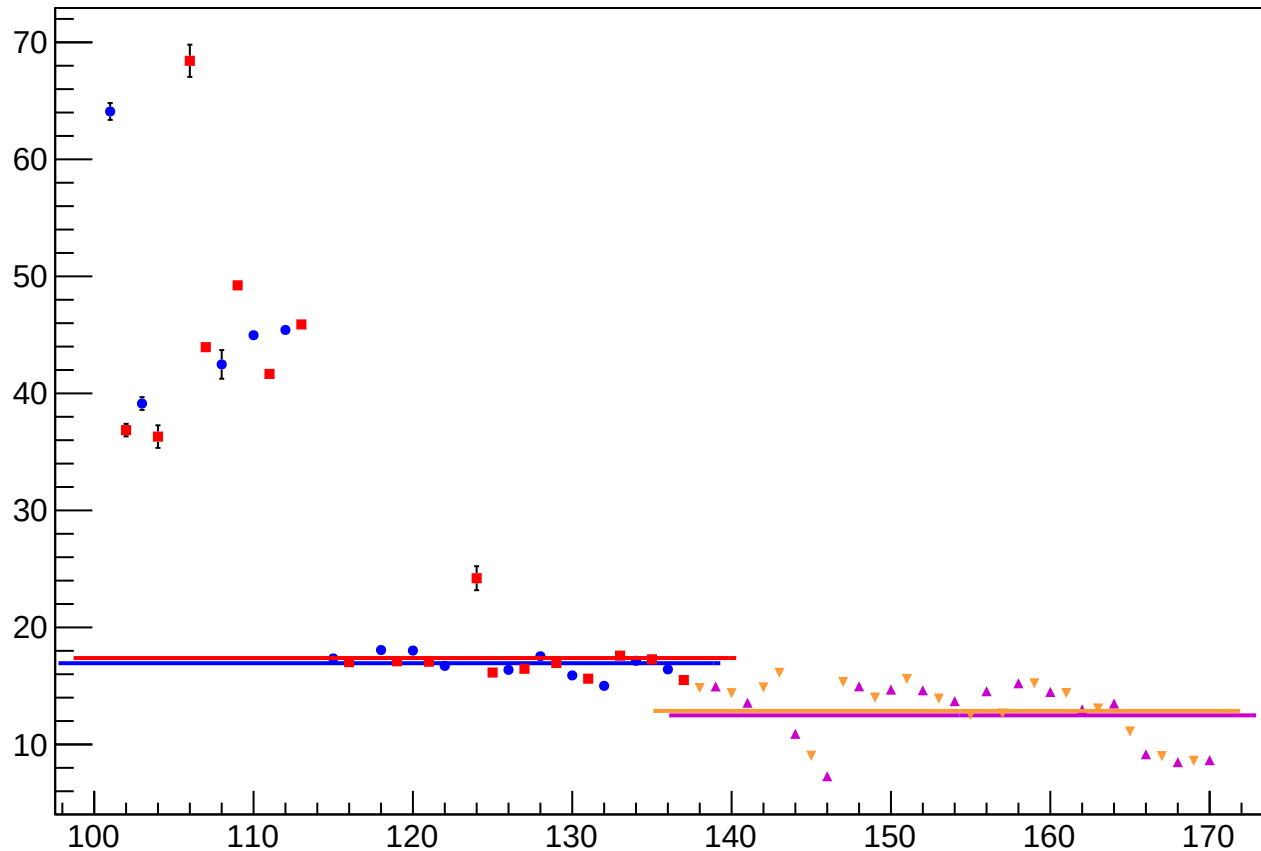
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.527 ± 0.002 $\chi^2/\text{NDF}: 18079.0/30$

Out: 0.524 ± 0.002 $\chi^2/\text{NDF}: 12705.8/34$

All: 0.526 ± 0.001 $\chi^2/\text{NDF}: 30786.7/65$

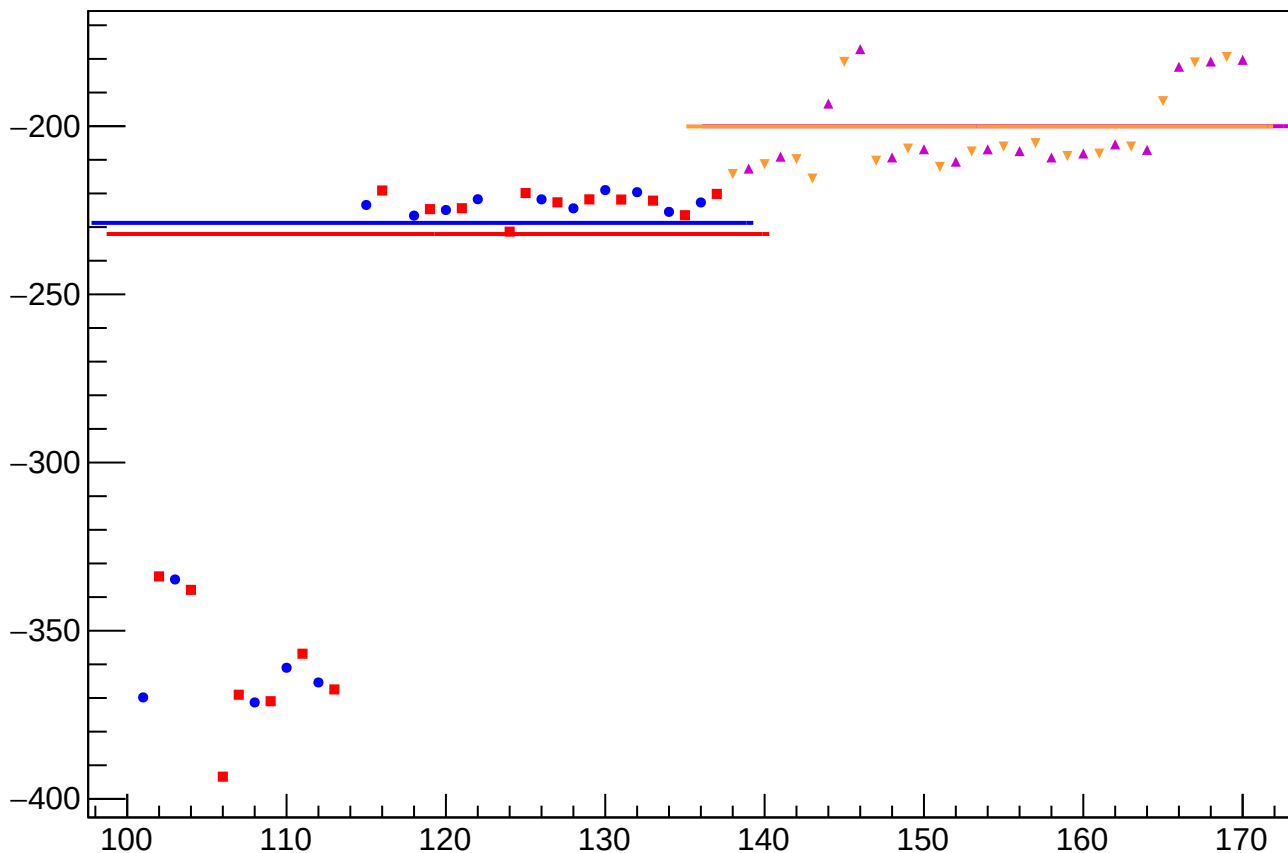
dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14
 Left Out: 12.866 ± 0.008 χ^2/NDF : 126293.5/16
 Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17
 Left In: 12.485 ± 0.008 χ^2/NDF : 124332.2/15

Left: 12.666 ± 0.006 χ^2/NDF : 251724.9/32
 Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32
 In: 13.709 ± 0.007 χ^2/NDF : 240313.4/30
 Out: 13.691 ± 0.008 χ^2/NDF : 241389.6/34
 All: 13.701 ± 0.005 χ^2/NDF : 481706.1/65

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -200.070 ± 0.016 $\chi^2/\text{NDF}: 726718.1/16$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -200.007 ± 0.015 $\chi^2/\text{NDF}: 707477.9/15$

Left: -200.036 ± 0.011 $\chi^2/\text{NDF}: 1434204.4/32$

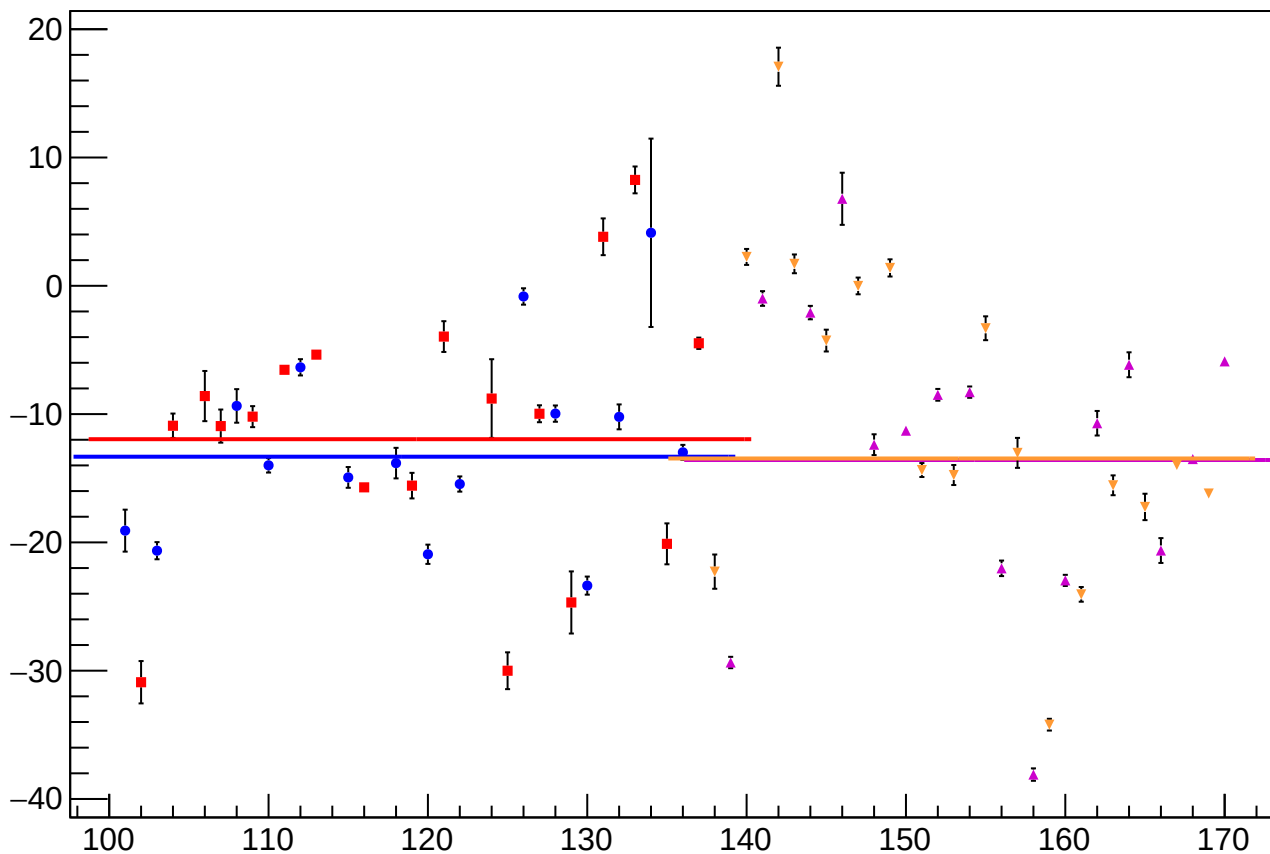
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -204.480 ± 0.014 $\chi^2/\text{NDF}: 1944876.3/30$

Out: -204.219 ± 0.015 $\chi^2/\text{NDF}: 2040305.4/34$

All: -204.360 ± 0.010 $\chi^2/\text{NDF}: 3985349.6/65$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.459 ± 0.145 χ^2/NDF : 5152.5/16

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.578 ± 0.122 χ^2/NDF : 6728.8/15

Left: -13.529 ± 0.093 χ^2/NDF : 11881.6/32

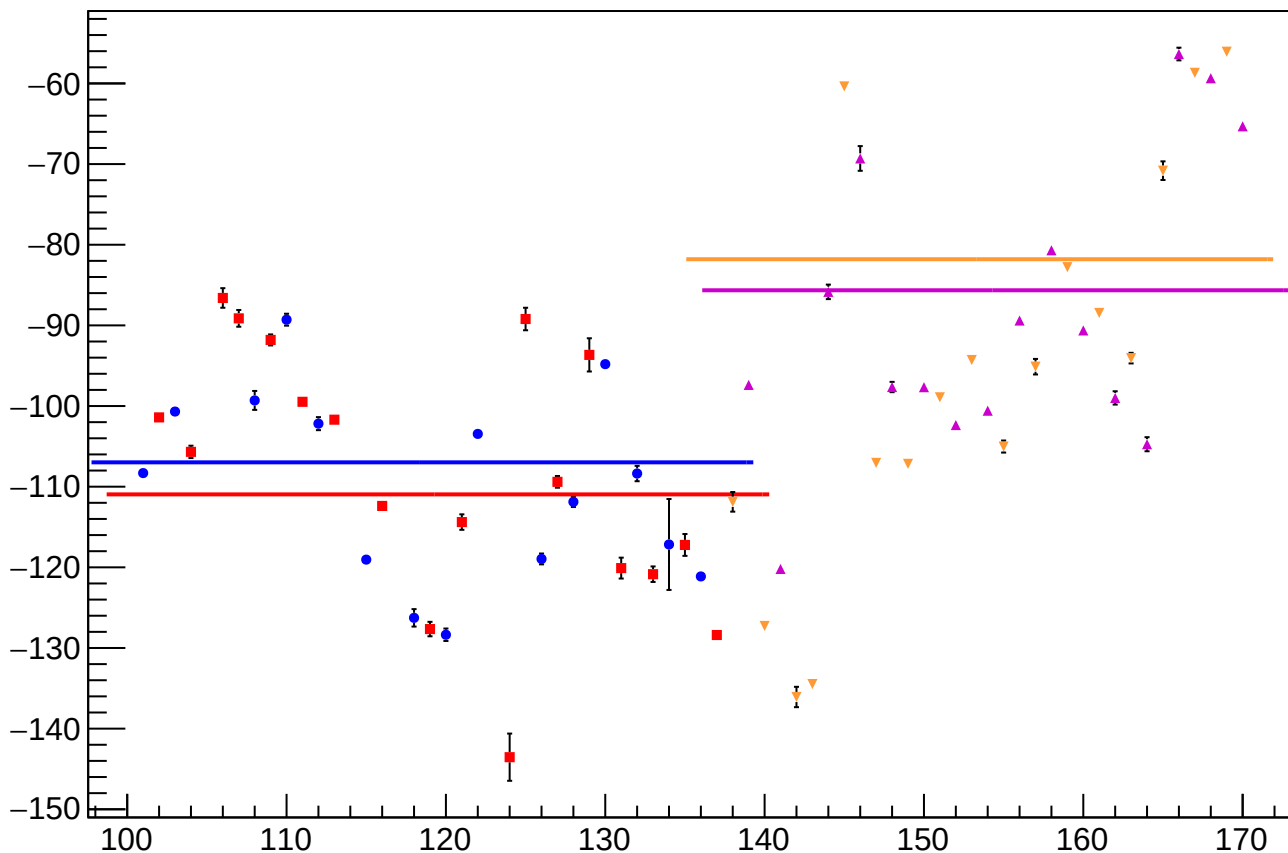
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.505 ± 0.103 χ^2/NDF : 7743.1/30

Out: -12.524 ± 0.089 χ^2/NDF : 7706.8/34

All: -12.942 ± 0.067 χ^2/NDF : 15501.9/65

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -81.797+/-0.115 χ^2/NDF : 46087.0/16

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -85.647+/-0.101 χ^2/NDF : 31757.2/15

Left: -83.970+/-0.076 χ^2/NDF : 78476.5/32

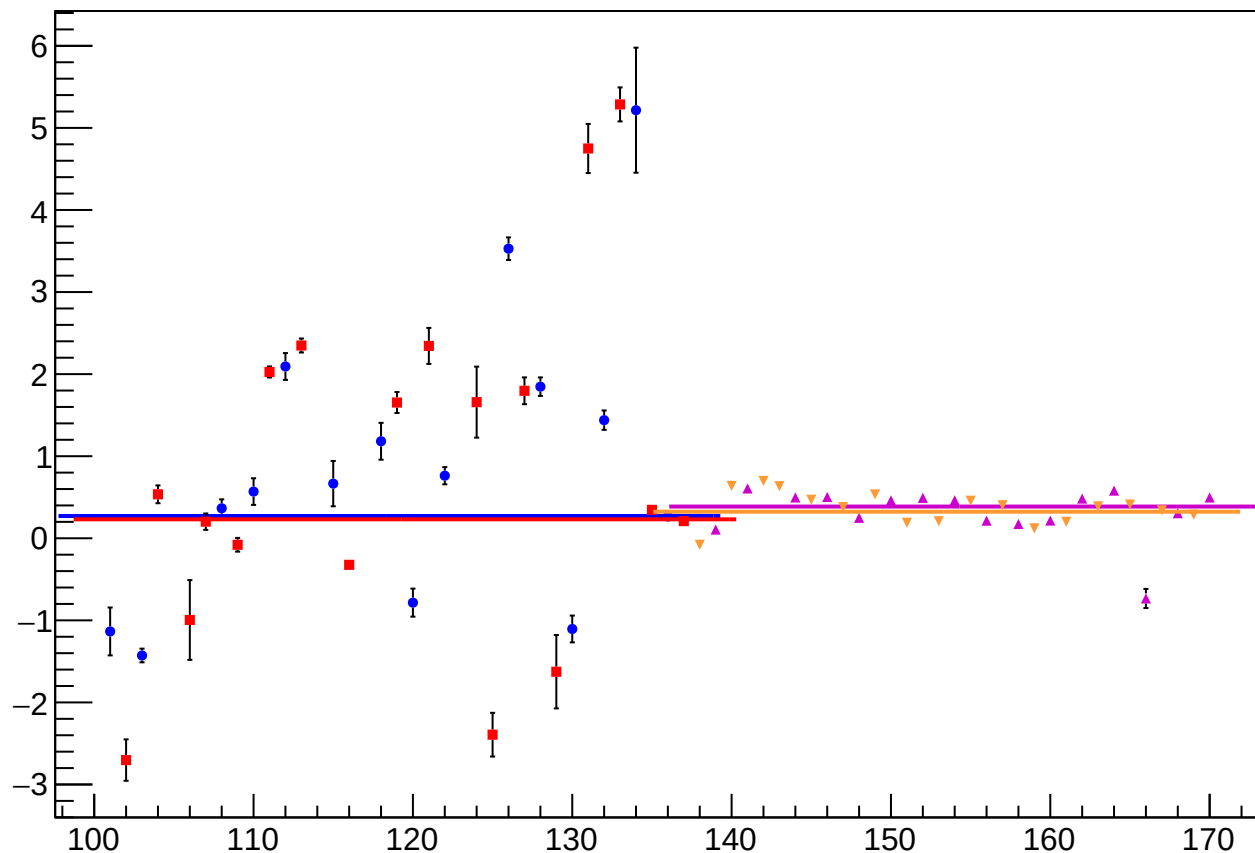
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -95.412+/-0.074 χ^2/NDF : 56808.9/30

Out: -106.293+/-0.046 χ^2/NDF : 110739.6/34

All: -103.286+/-0.039 χ^2/NDF : 183011.2/65

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.324+/-0.002 χ^2/NDF : 6508.0/16

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.387+/-0.002 χ^2/NDF : 8286.1/15

Left: 0.360+/-0.001 χ^2/NDF : 15295.1/32

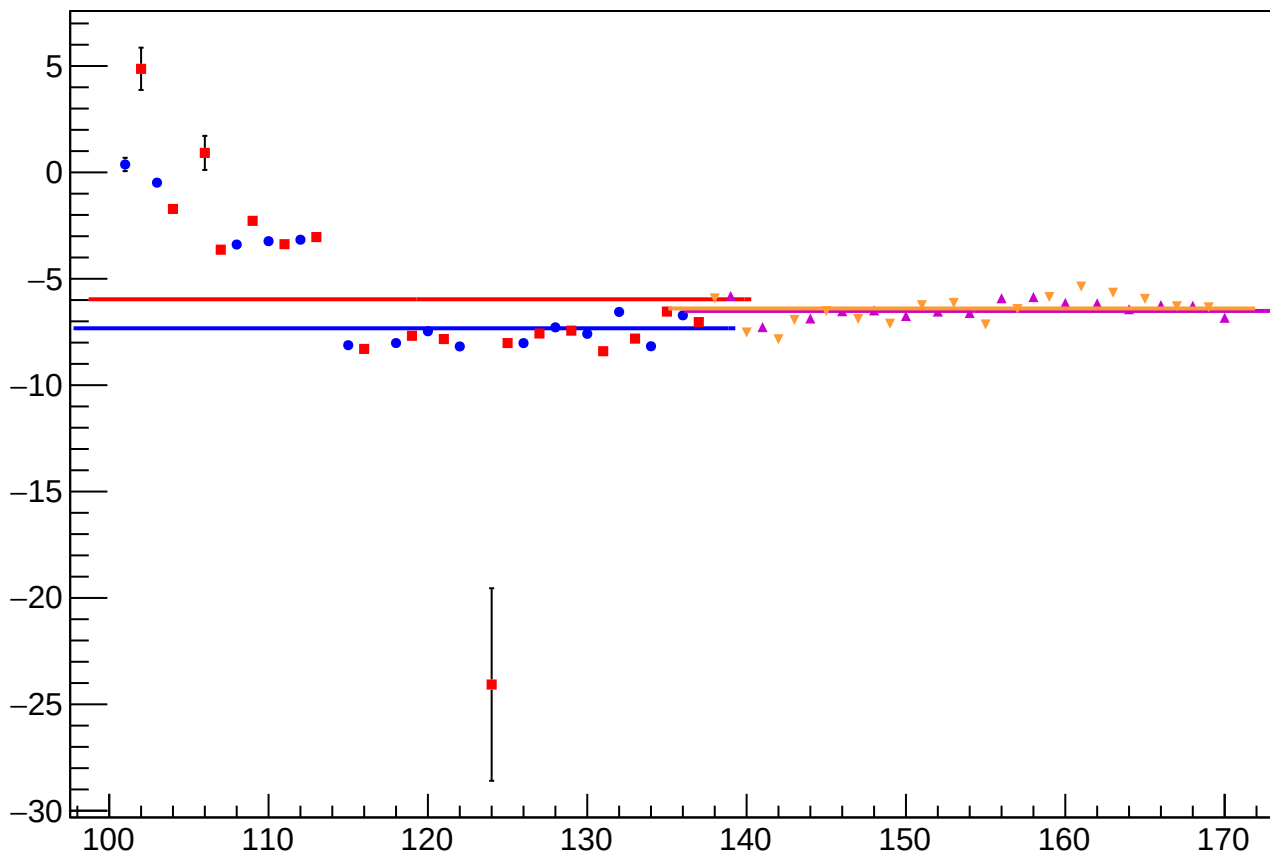
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.375+/-0.002 χ^2/NDF : 10318.9/30

Out: 0.306+/-0.002 χ^2/NDF : 9773.9/34

All: 0.344+/-0.001 χ^2/NDF : 20797.5/65

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.396+/-0.005 χ^2/NDF : 6007.2/16

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.511+/-0.005 χ^2/NDF : 6498.1/15

Left: -6.458+/-0.004 χ^2/NDF : 12756.3/32

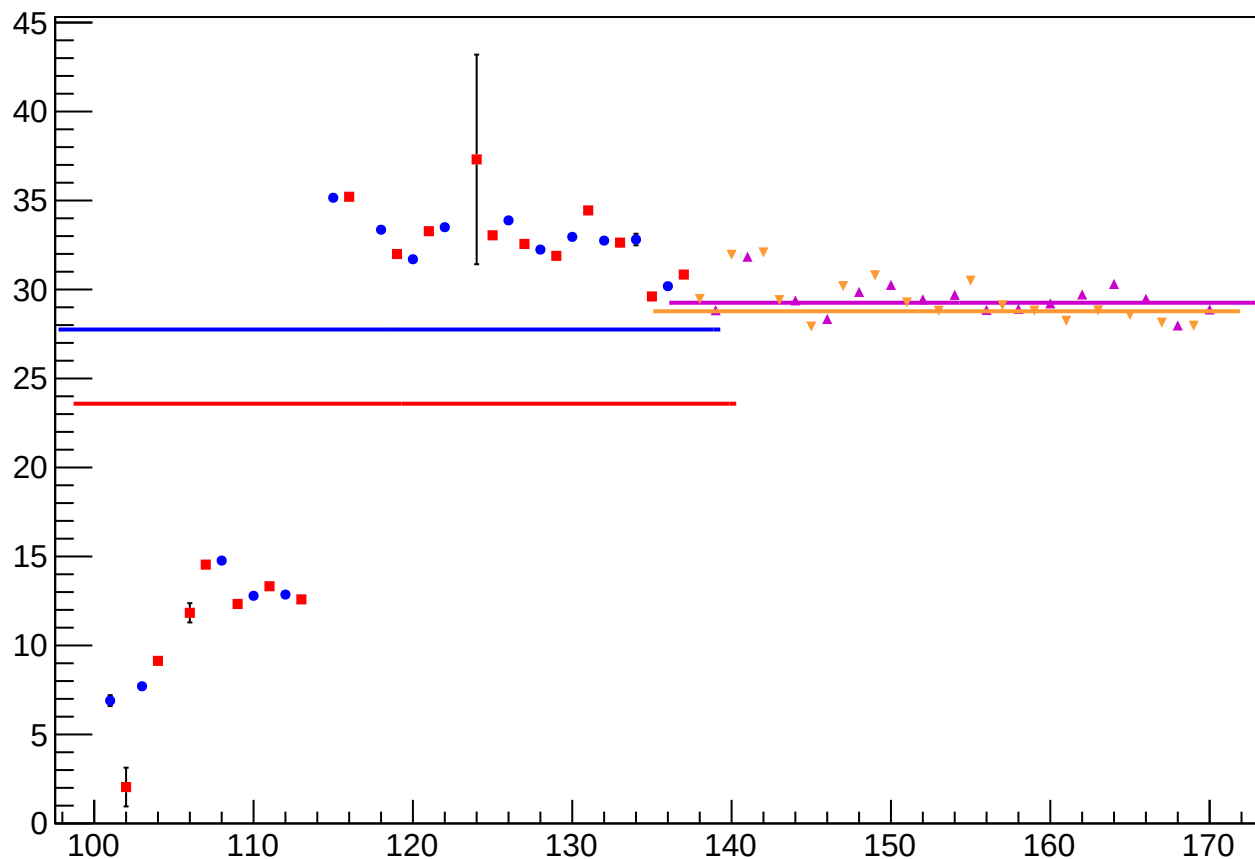
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.719+/-0.004 χ^2/NDF : 44055.6/30

Out: -6.279+/-0.005 χ^2/NDF : 79581.2/34

All: -6.515+/-0.003 χ^2/NDF : 128636.0/65

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.778 $\pm$ 0.009 χ^2 /NDF:12422.4/16

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.256 $\pm$ 0.009 χ^2 /NDF:6376.6/15

Left: 29.024 $\pm$ 0.007 χ^2 /NDF: 20130.3/32

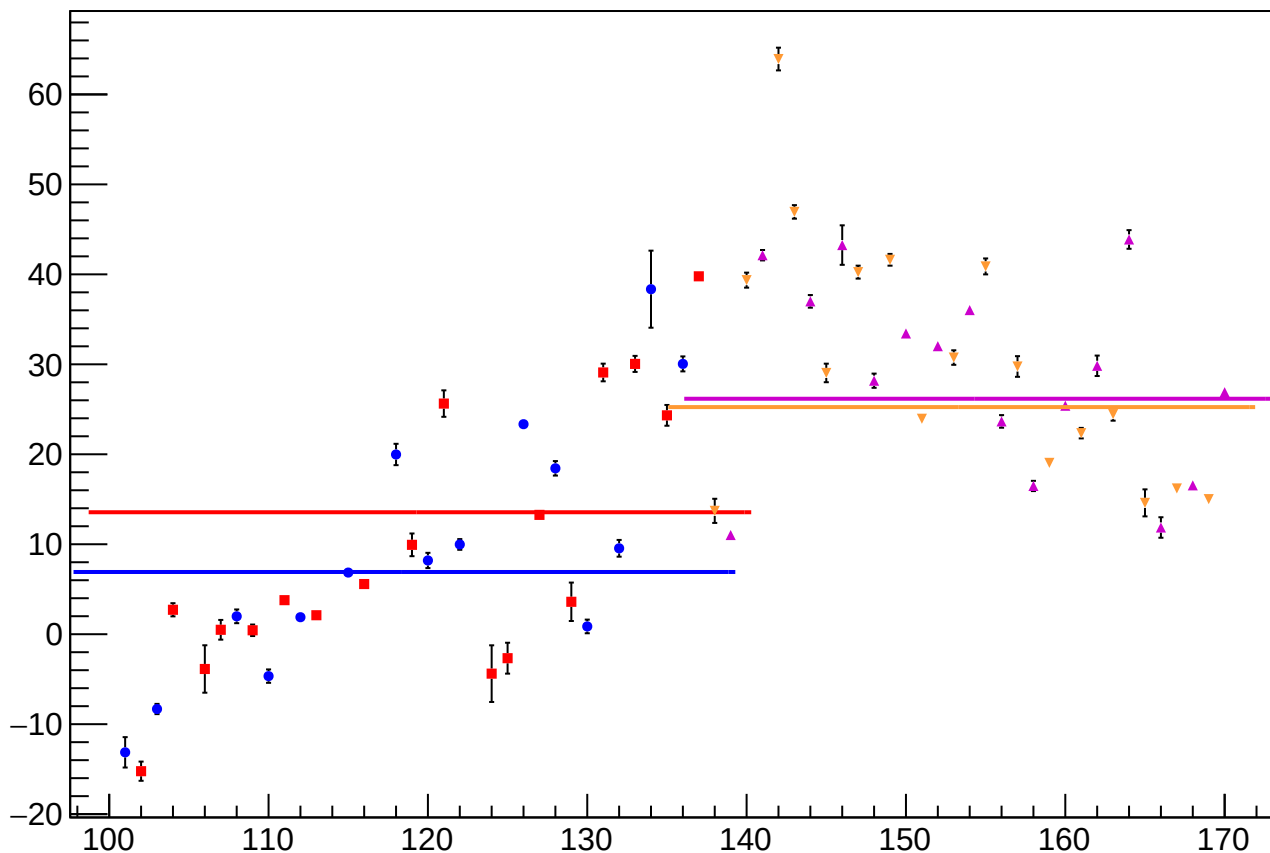
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.851 $\pm$ 0.008 χ^2 /NDF:346611.8/30

Out: 27.121 $\pm$ 0.008 χ^2 /NDF:649691.1/34

All: 27.979 $\pm$ 0.005 χ^2 /NDF: 1021047.3/65

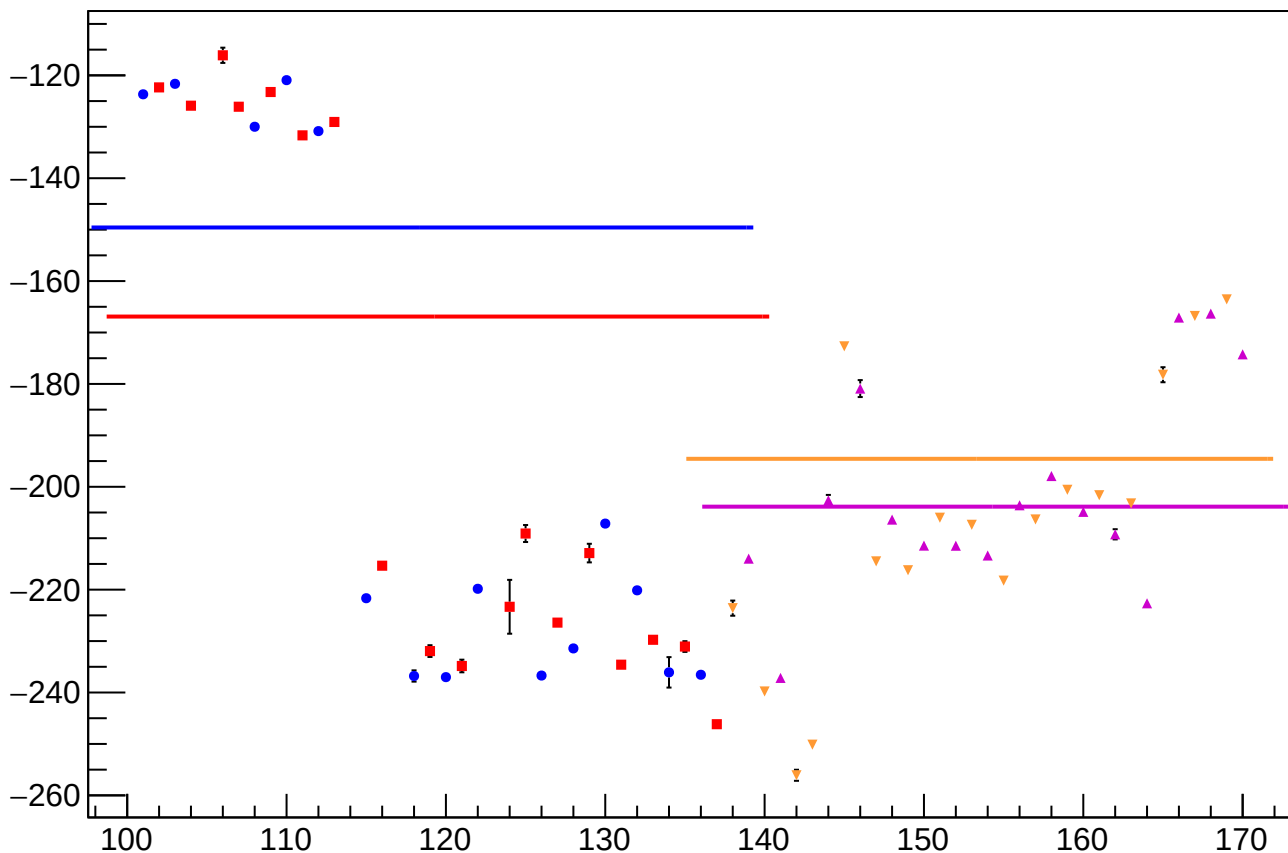
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 25.245 ± 0.157 $\chi^2/\text{NDF}: 5084.7/16$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.172 ± 0.130 $\chi^2/\text{NDF}: 5437.6/15$

Left: 25.794 ± 0.100 $\chi^2/\text{NDF}: 10542.9/32$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 19.377 ± 0.105 $\chi^2/\text{NDF}: 16638.9/30$
 Out: 18.938 ± 0.107 $\chi^2/\text{NDF}: 19730.8/34$
 All: 19.161 ± 0.075 $\chi^2/\text{NDF}: 36378.3/65$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2/NDF : 195091.5/14

Left Out: -194.560 $\pm$ 0.126 χ^2/NDF : 41260.6/16

Right Out: -166.899 $\pm$ 0.101 χ^2/NDF : 295489.9/17

Left In: -203.862 $\pm$ 0.110 χ^2/NDF : 26541.5/15

Left: -199.831 $\pm$ 0.083 χ^2/NDF : 70903.4/32

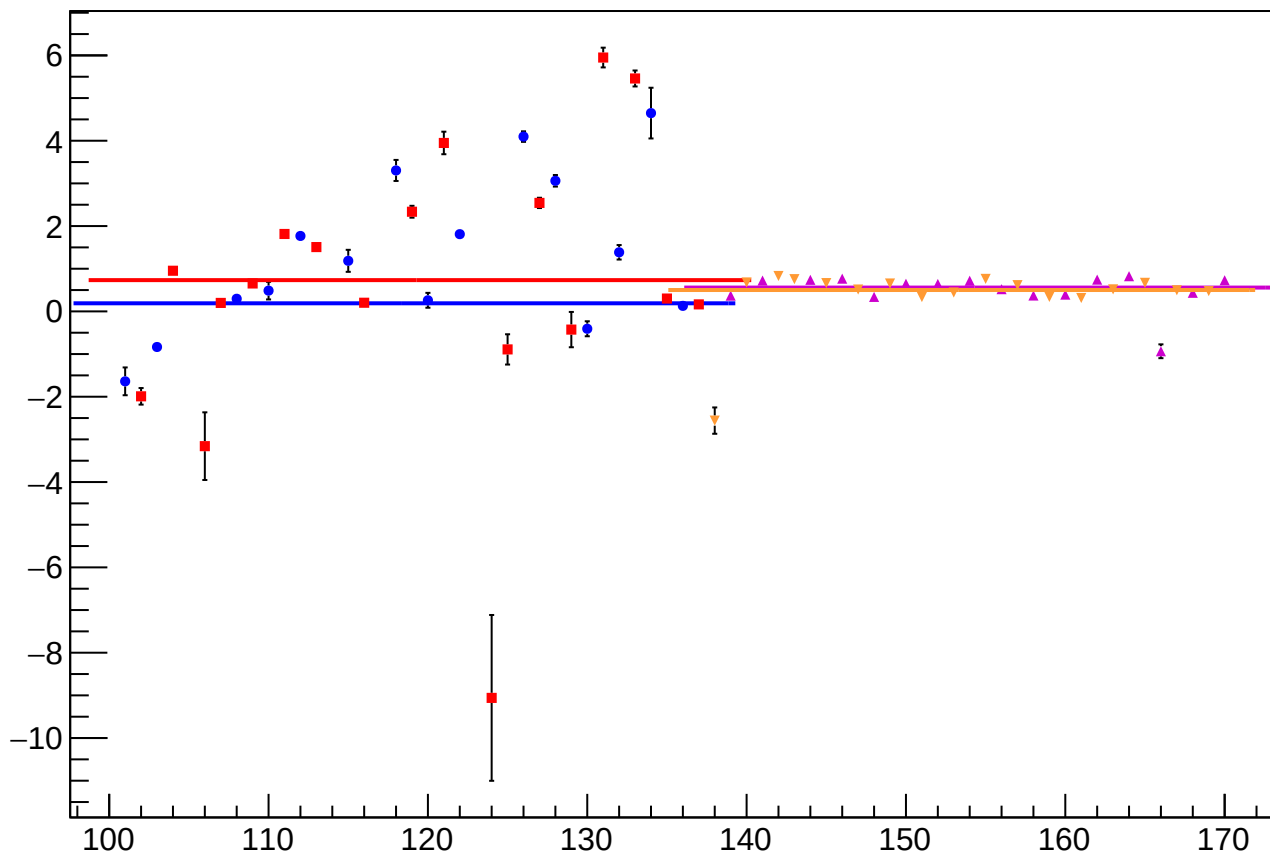
Right: -158.264 $\pm$ 0.071 χ^2/NDF : 505360.9/32

In: -174.384 $\pm$ 0.074 χ^2/NDF : 353958.0/30

Out: -177.692 $\pm$ 0.079 χ^2/NDF : 366256.9/34

All: -175.947 $\pm$ 0.054 χ^2/NDF : 721150.5/65

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.501 ± 0.003 $\chi^2/\text{NDF}: 3377.1/16$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.558 ± 0.002 $\chi^2/\text{NDF}: 5284.8/15$

Left: 0.535 ± 0.002 $\chi^2/\text{NDF}: 8933.1/32$

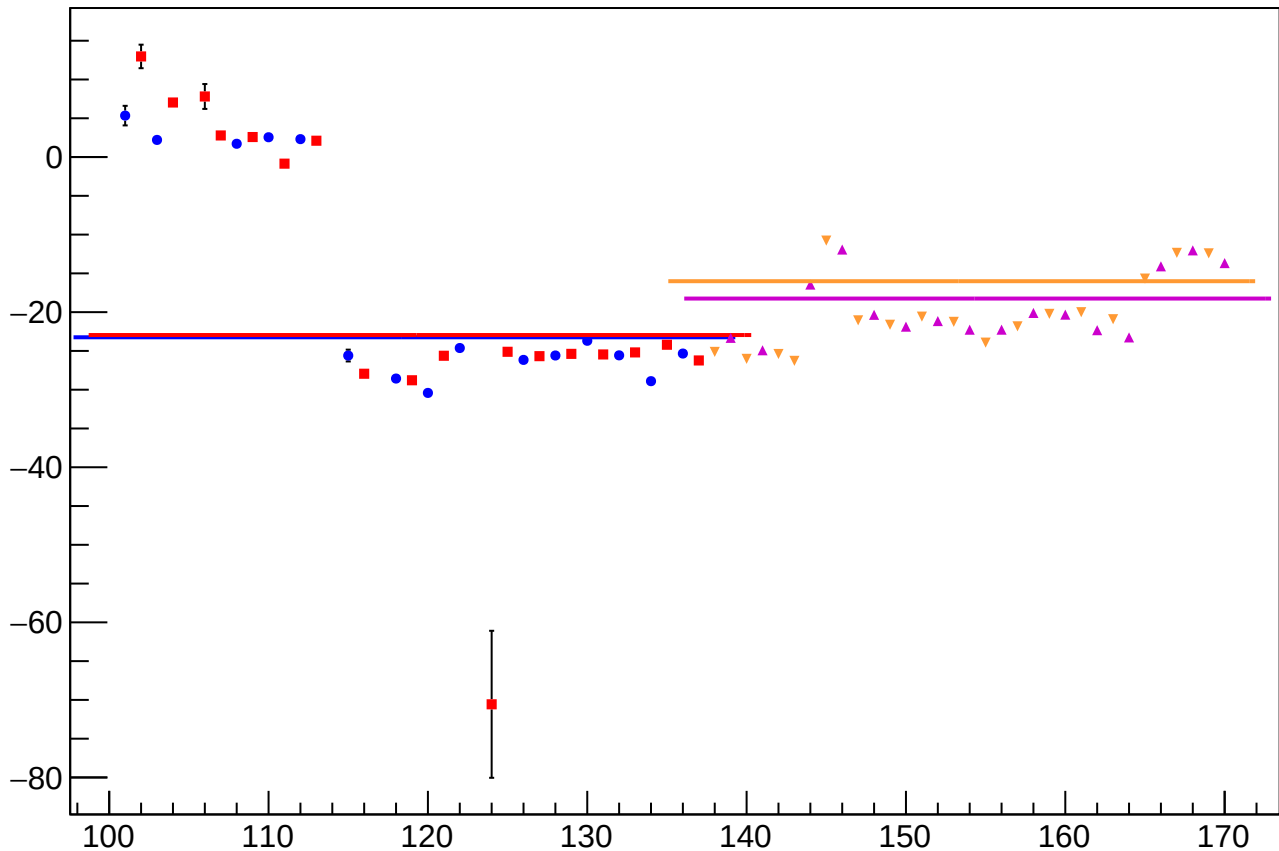
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.535 ± 0.002 $\chi^2/\text{NDF}: 9728.3/30$

Out: 0.505 ± 0.003 $\chi^2/\text{NDF}: 6179.2/34$

All: 0.523 ± 0.002 $\chi^2/\text{NDF}: 15985.3/65$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.009 ± 0.012 $\chi^2/\text{NDF}: 166429.3/16$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -18.247 ± 0.013 $\chi^2/\text{NDF}: 100411.9/15$

Left: -17.109 ± 0.009 $\chi^2/\text{NDF}: 282946.5/32$

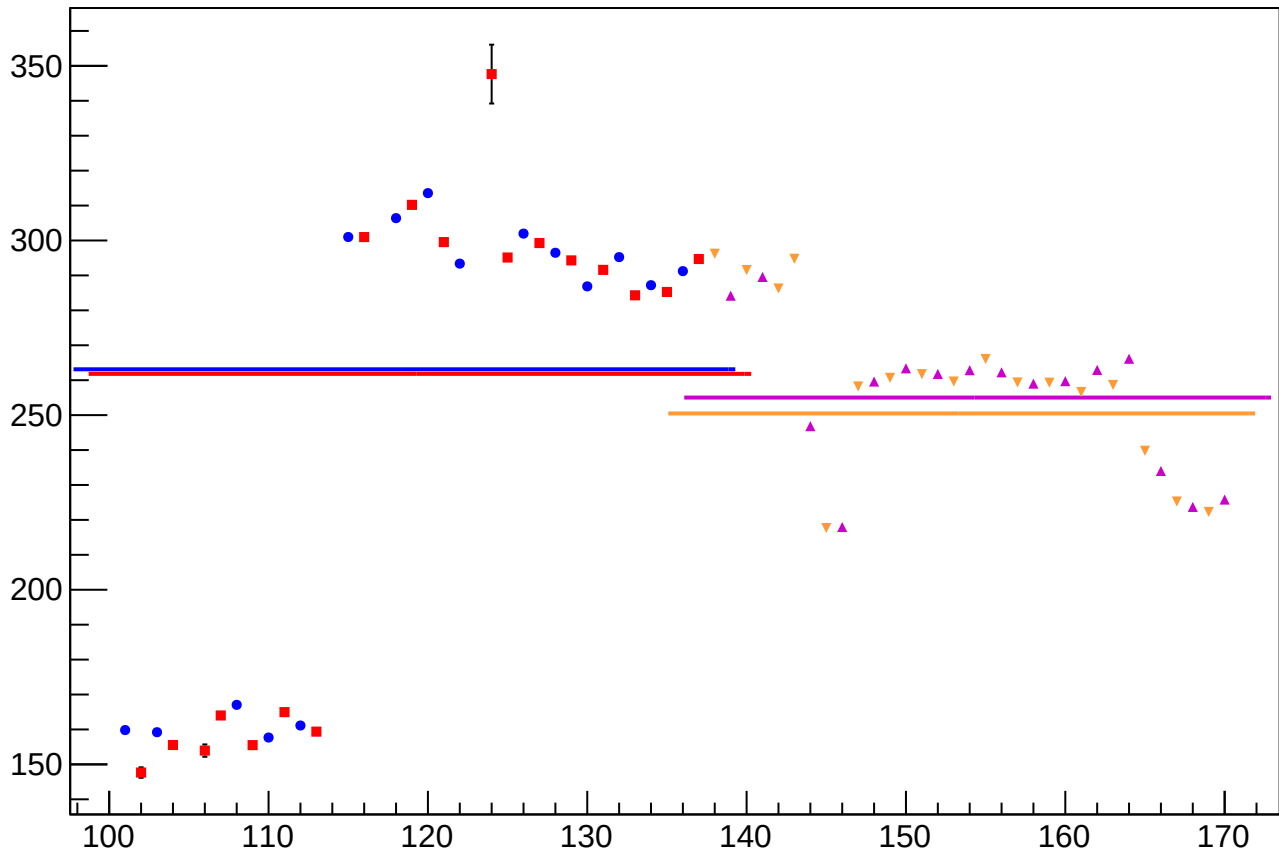
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -19.270 ± 0.011 $\chi^2/\text{NDF}: 235852.9/30$

Out: -17.400 ± 0.011 $\chi^2/\text{NDF}: 337673.7/34$

All: -18.322 ± 0.008 $\chi^2/\text{NDF}: 587636.4/65$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 250.479+/-0.031 χ^2/NDF : 561820.2/16

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 255.028+/-0.030 χ^2/NDF : 259536.7/15

Left: 252.854+/-0.022 χ^2/NDF : 832389.4/32

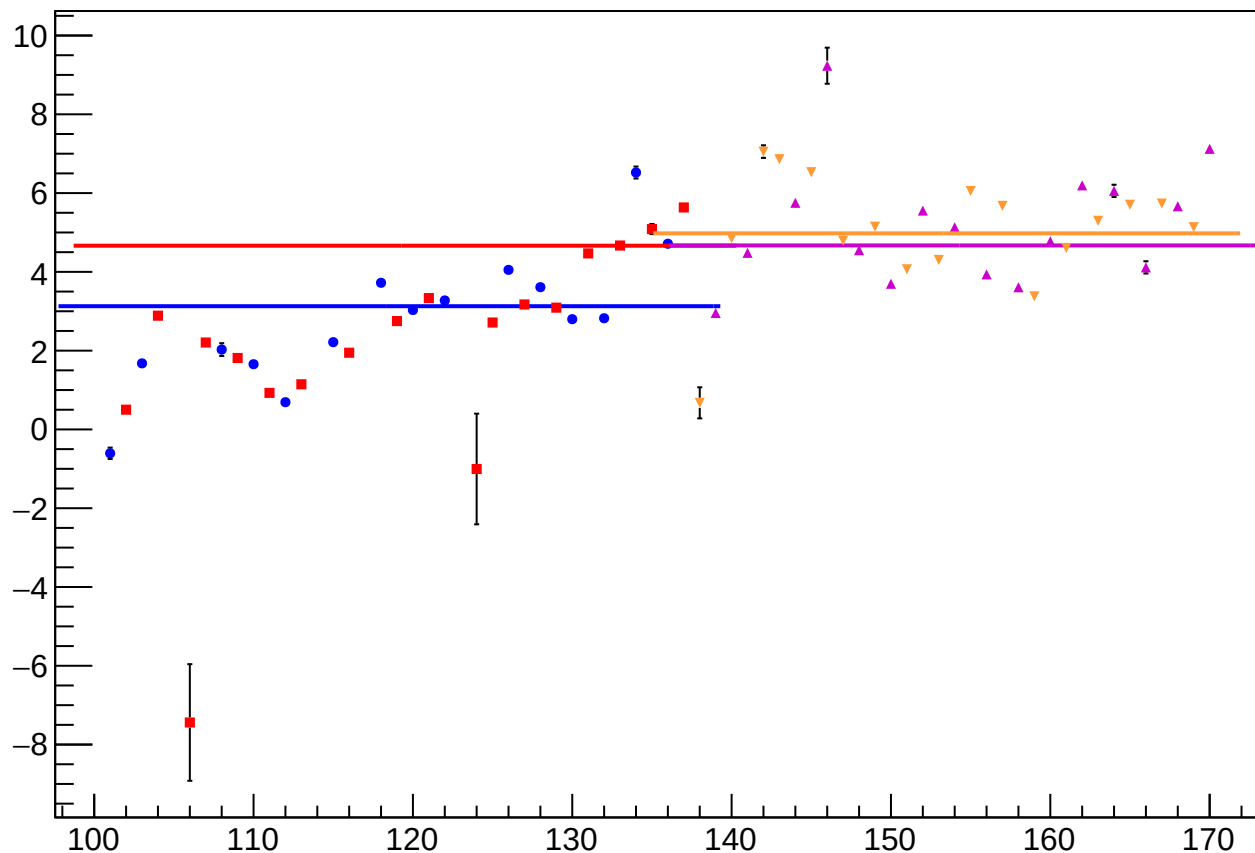
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 256.308+/-0.027 χ^2/NDF : 963976.6/30

Out: 252.876+/-0.028 χ^2/NDF : 1595746.1/34

All: 254.612+/-0.020 χ^2/NDF : 2567436.9/65

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.978 ± 0.015 $\chi^2/\text{NDF}: 2363.0/16$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.671 ± 0.014 $\chi^2/\text{NDF}: 8412.5/15$

Left: 4.812 ± 0.010 $\chi^2/\text{NDF}: 10990.7/32$

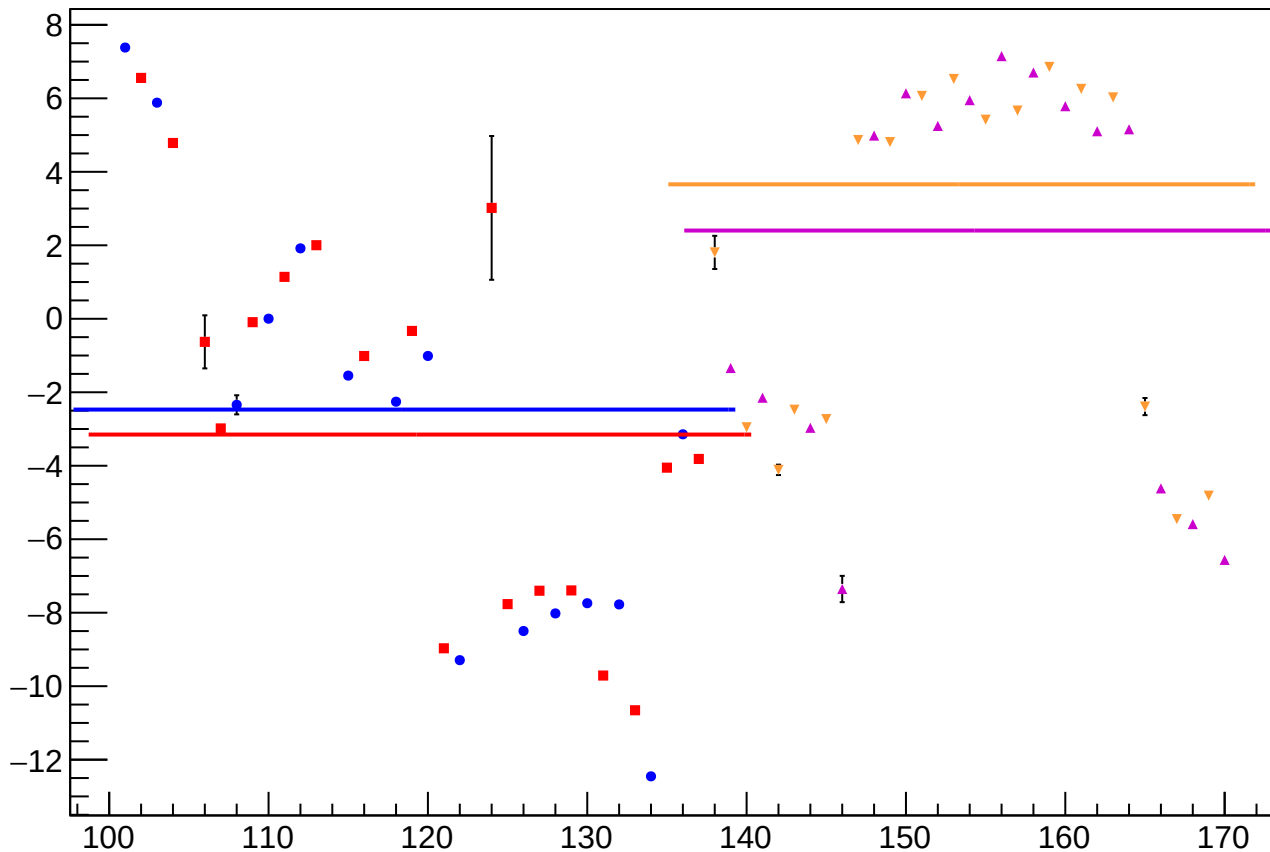
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.982 ± 0.011 $\chi^2/\text{NDF}: 19382.6/30$

Out: 4.710 ± 0.006 $\chi^2/\text{NDF}: 69580.6/34$

All: 4.537 ± 0.005 $\chi^2/\text{NDF}: 92610.8/65$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471±/0.014 χ^2/NDF : 242579.9/14

Left Out: 3.660±/0.013 χ^2/NDF : 92357.0/16

Right Out: -3.151±/0.007 χ^2/NDF : 247427.7/17

Left In: 2.402±/0.012 χ^2/NDF : 167603.1/15

Left: 3.002±/0.009 χ^2/NDF : 265033.6/32

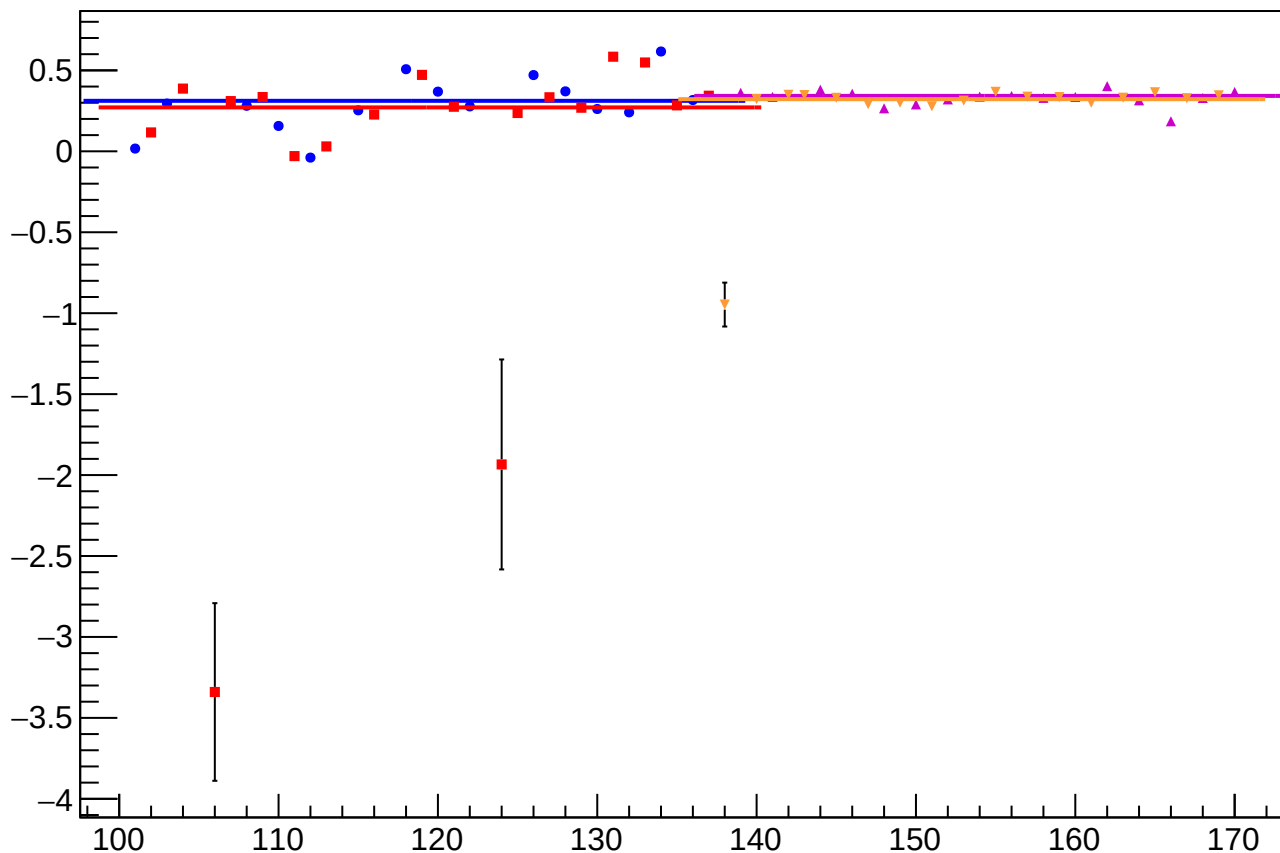
Right: -3.003±/0.007 χ^2/NDF : 491827.6/32

In: 0.317±/0.009 χ^2/NDF : 478475.2/30

Out: -1.428±/0.006 χ^2/NDF : 552177.2/34

All: -0.858±/0.005 χ^2/NDF : 1054753.0/65

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.322 ± 0.001 $\chi^2/\text{NDF}: 1561.6/16$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.342 ± 0.001 $\chi^2/\text{NDF}: 3181.2/15$

Left: 0.333 ± 0.000 $\chi^2/\text{NDF}: 5279.7/32$

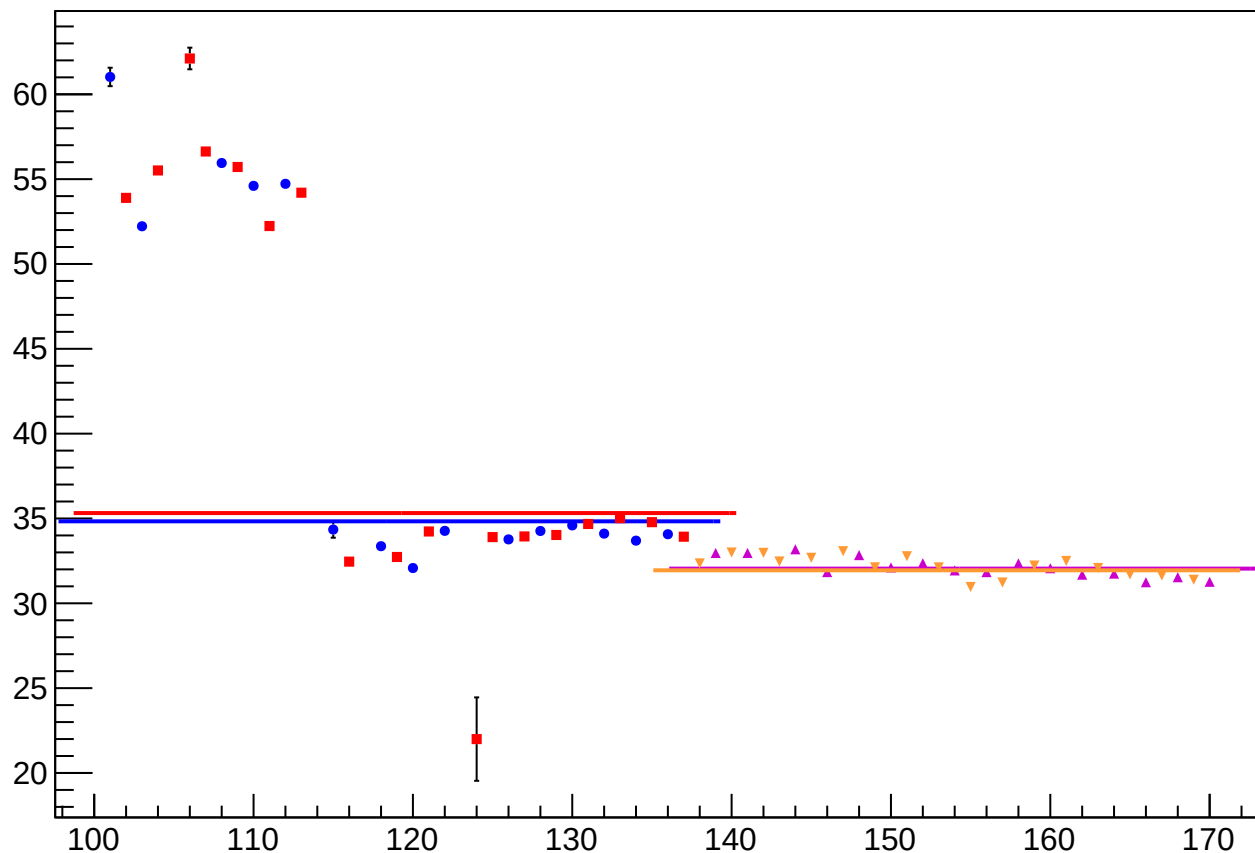
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4963.0/30$

Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 8238.3/34$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 13752.0/65$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.945 $\pm$ 0.003 χ^2 /NDF:19084.7/16

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.045 $\pm$ 0.004 χ^2 /NDF:11658.1/15

Left: 31.989 $\pm$ 0.003 χ^2 /NDF: 31096.5/32

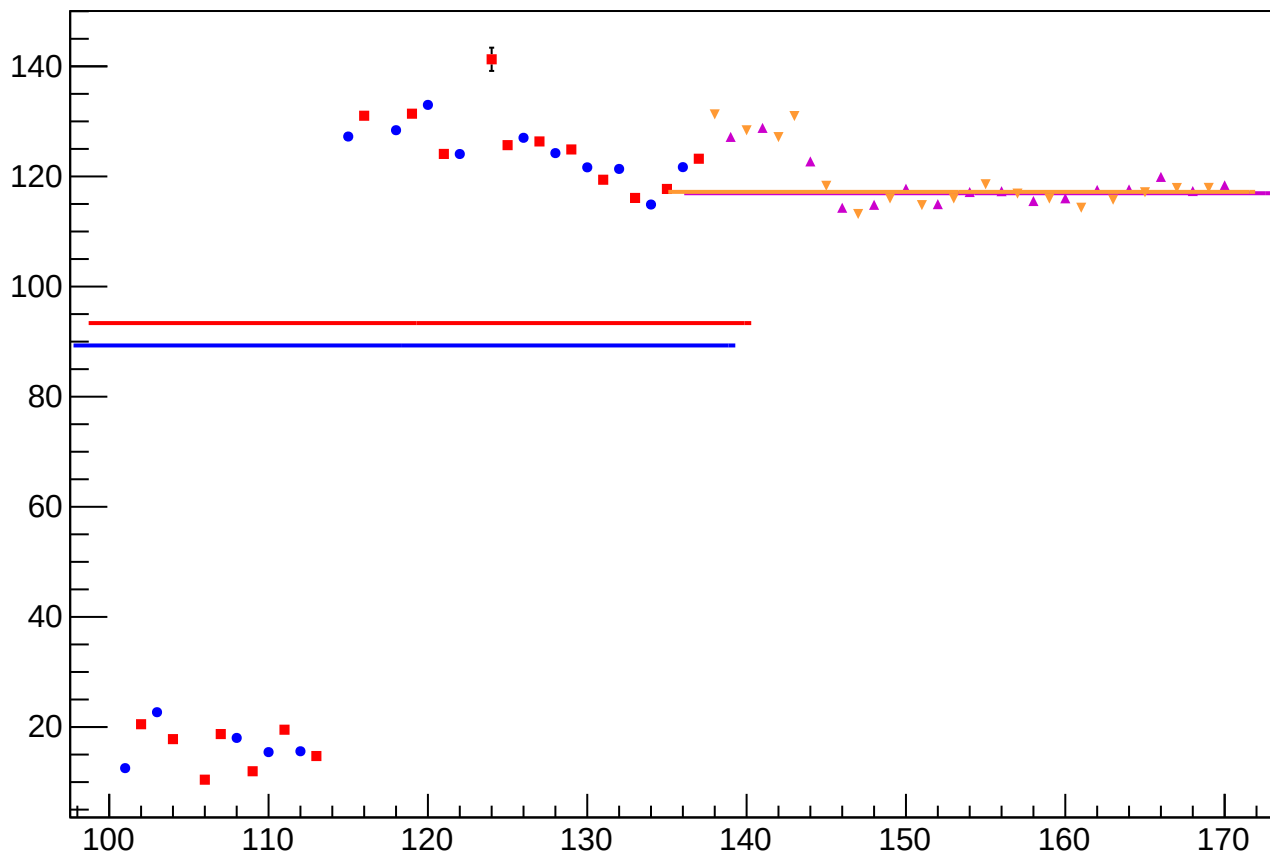
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.529 $\pm$ 0.004 χ^2 /NDF:343578.3/30

Out: 32.316 $\pm$ 0.003 χ^2 /NDF:382844.1/34

All: 32.414 $\pm$ 0.002 χ^2 /NDF: 728326.8/65

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.198 $\pm$ 0.008 χ^2 /NDF:123157.2/16

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.951 $\pm$ 0.009 χ^2 /NDF:43895.3/15

Left: 117.087 $\pm$ 0.006 χ^2 /NDF: 167451.0/32

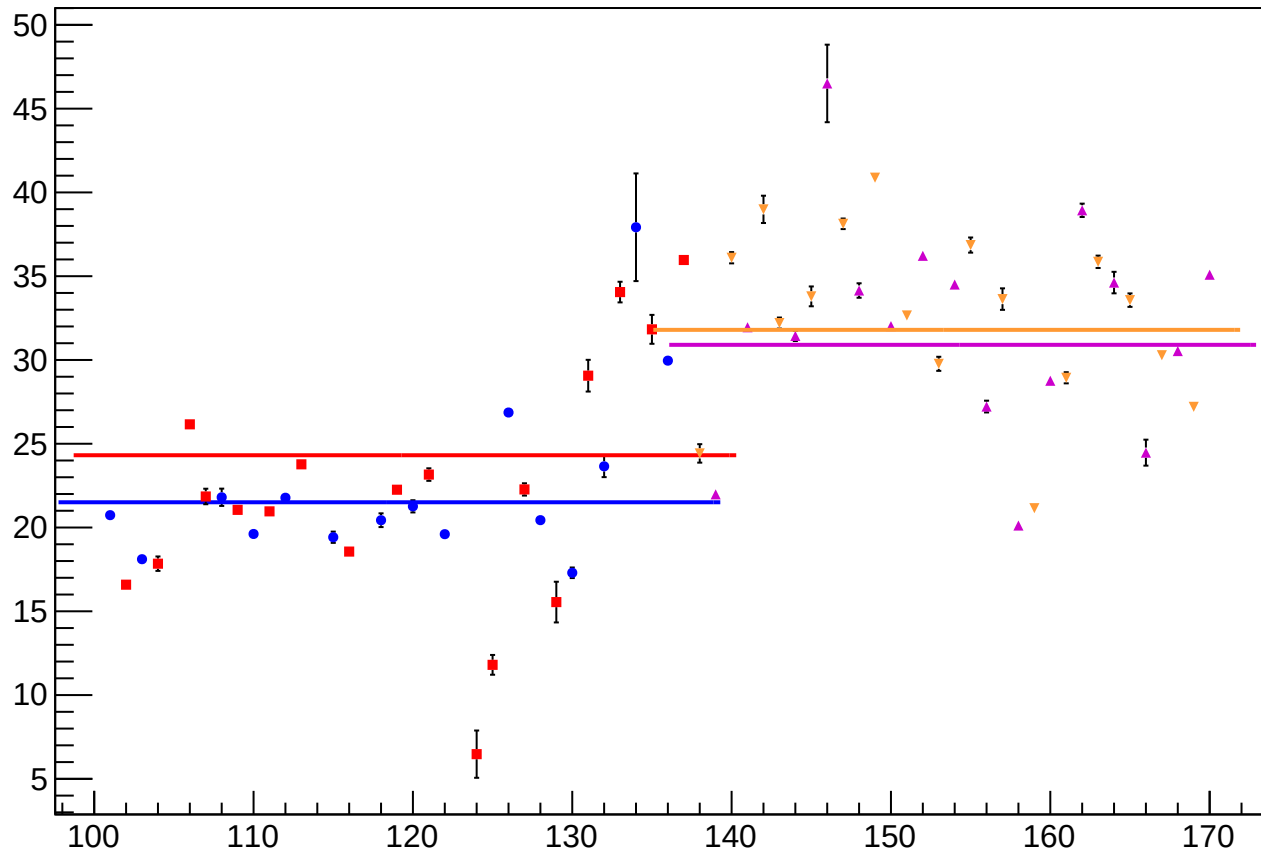
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.160 $\pm$ 0.009 χ^2 /NDF:3991313.2/30

Out: 115.494 $\pm$ 0.008 χ^2 /NDF:3563825.7/34

All: 114.883 $\pm$ 0.006 χ^2 /NDF: 7567838.0/65

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.797 ± 0.082 $\chi^2/\text{NDF}: 4123.6/16$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.903 ± 0.068 $\chi^2/\text{NDF}: 5463.3/15$

Left: 31.269 ± 0.052 $\chi^2/\text{NDF}: 9657.0/32$

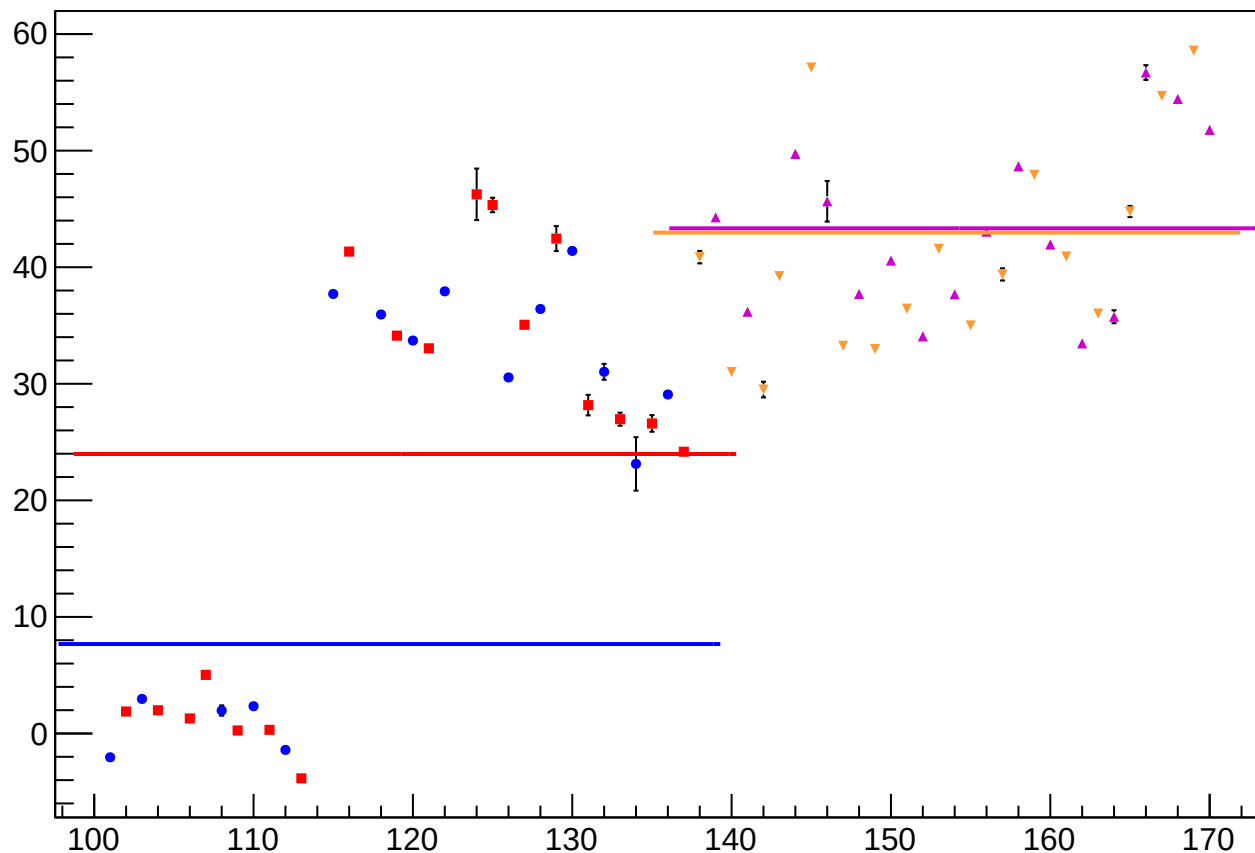
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.479 ± 0.050 $\chi^2/\text{NDF}: 17358.0/30$

Out: 26.834 ± 0.048 $\chi^2/\text{NDF}: 23934.9/34$

All: 26.664 ± 0.034 $\chi^2/\text{NDF}: 41319.5/65$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 42.970 $\pm$ 0.068 χ^2 /NDF:18148.4/16

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 43.336 $\pm$ 0.057 χ^2 /NDF:12516.0/15

Left: 43.185 $\pm$ 0.044 χ^2 /NDF: 30681.4/32

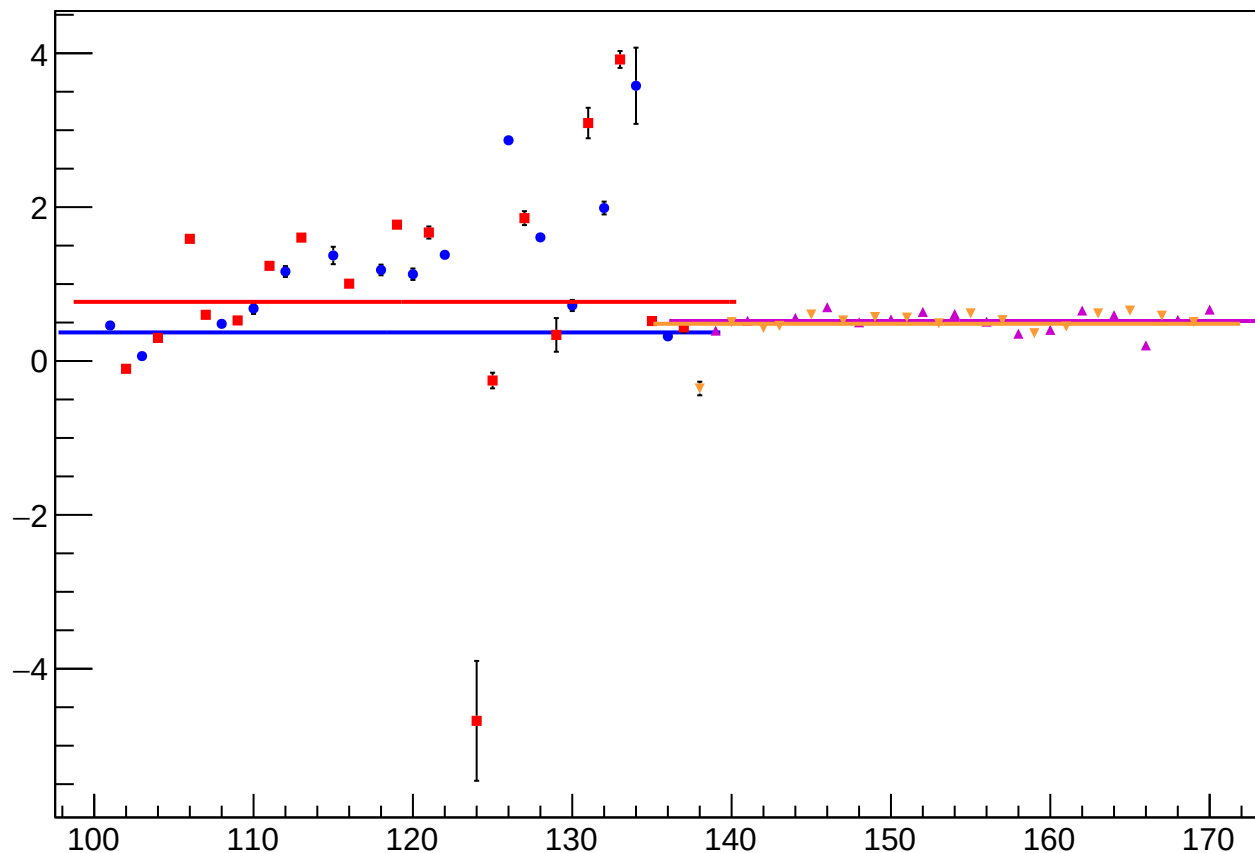
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 21.453 $\pm$ 0.035 χ^2 /NDF:349081.5/30

Out: 24.248 $\pm$ 0.008 χ^2 /NDF:205588.1/34

All: 24.109 $\pm$ 0.008 χ^2 /NDF: 560580.6/65

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.484 $\pm$ 0.001 χ^2 /NDF:6461.7/16

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.520 $\pm$ 0.001 χ^2 /NDF:10506.9/15

Left: 0.504 $\pm$ 0.001 χ^2 /NDF: 17486.9/32

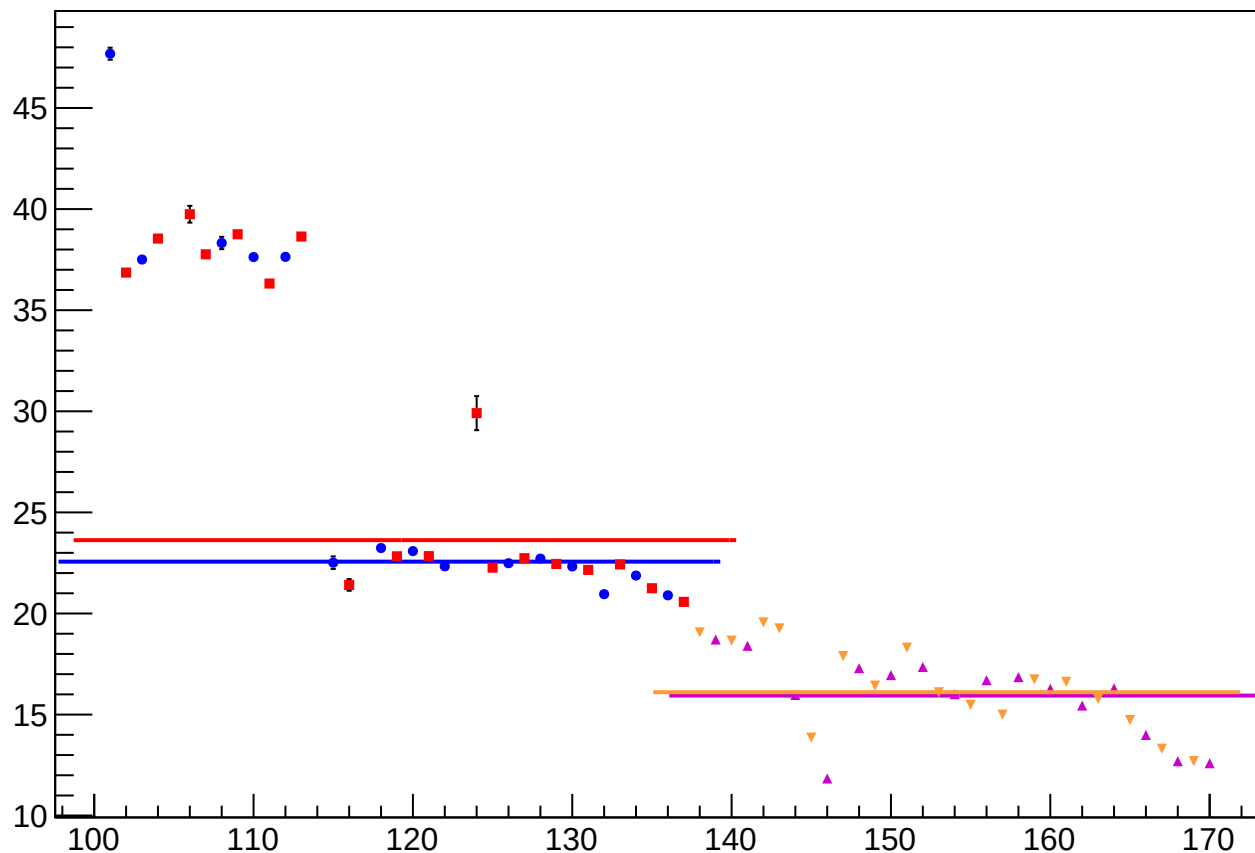
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.512 $\pm$ 0.001 χ^2 /NDF:16349.0/30

Out: 0.492 $\pm$ 0.001 χ^2 /NDF:12242.0/34

All: 0.503 $\pm$ 0.001 χ^2 /NDF: 28751.7/65

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 16.109 $\pm$ 0.006 χ^2 /NDF:130679.2/16

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.941 $\pm$ 0.007 χ^2 /NDF:71494.9/15

Left: 16.034 $\pm$ 0.005 χ^2 /NDF: 202497.7/32

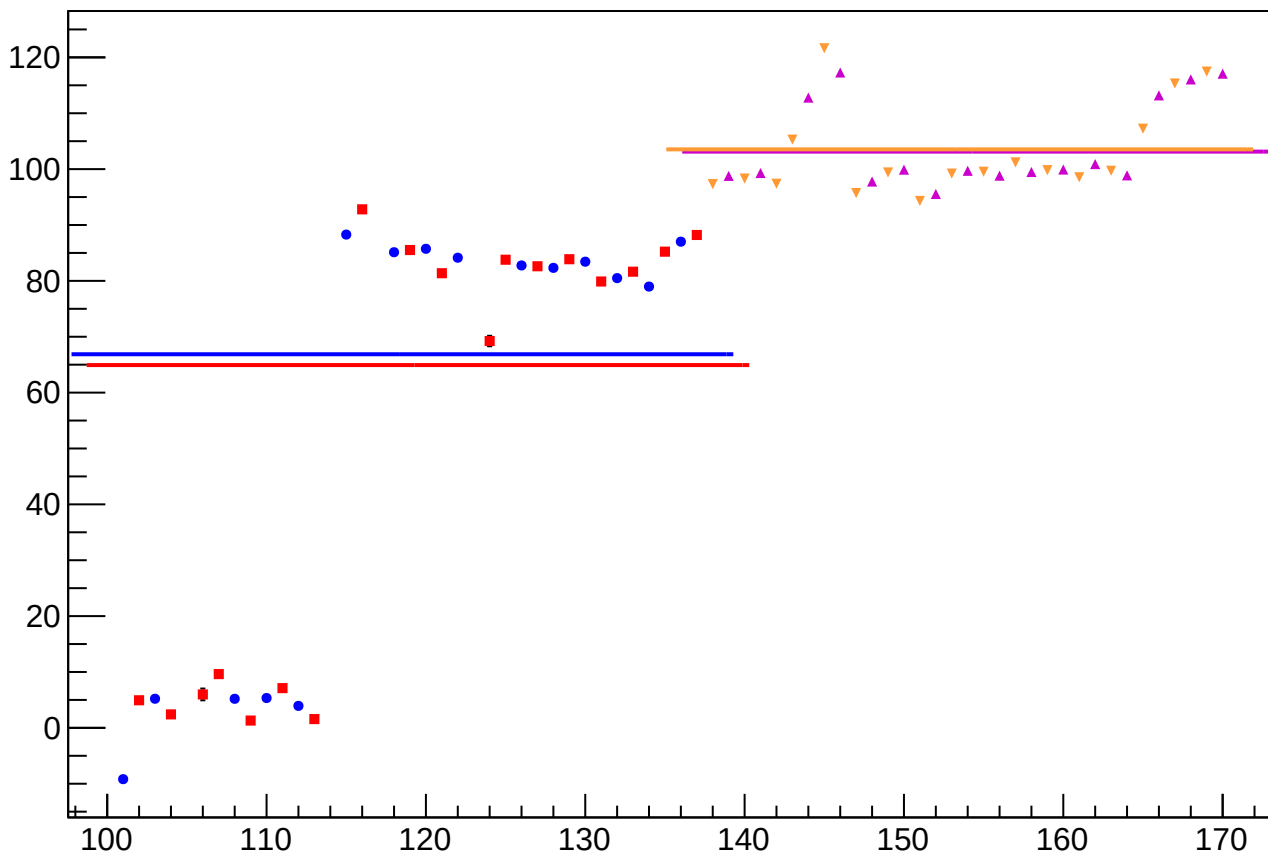
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 18.055 $\pm$ 0.006 χ^2 /NDF:452983.4/30

Out: 17.886 $\pm$ 0.005 χ^2 /NDF:596598.6/34

All: 17.966 $\pm$ 0.004 χ^2 /NDF: 1050035.9/65

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 103.535+/-0.012 χ^2/NDF : 454982.7/16

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 103.131+/-0.012 χ^2/NDF : 394383.3/15

Left: 103.330+/-0.008 χ^2/NDF : 849959.8/32

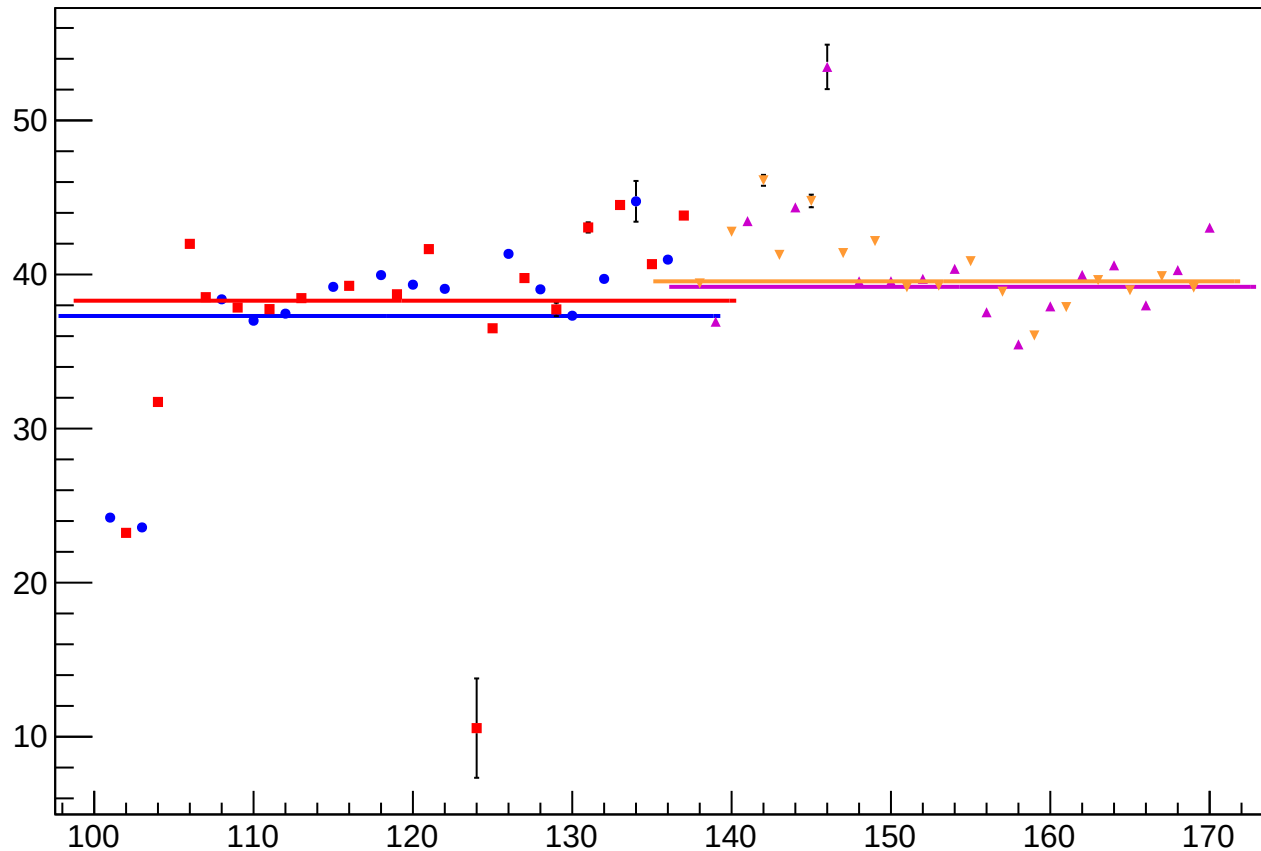
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 97.488+/-0.011 χ^2/NDF : 3405154.5/30

Out: 98.268+/-0.011 χ^2/NDF : 3245961.1/34

All: 97.867+/-0.008 χ^2/NDF : 6653707.1/65

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.556 ± 0.033 $\chi^2/\text{NDF}: 3902.3/16$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.199 ± 0.026 $\chi^2/\text{NDF}: 7164.7/15$

Left: 39.337 ± 0.021 $\chi^2/\text{NDF}: 11138.1/32$

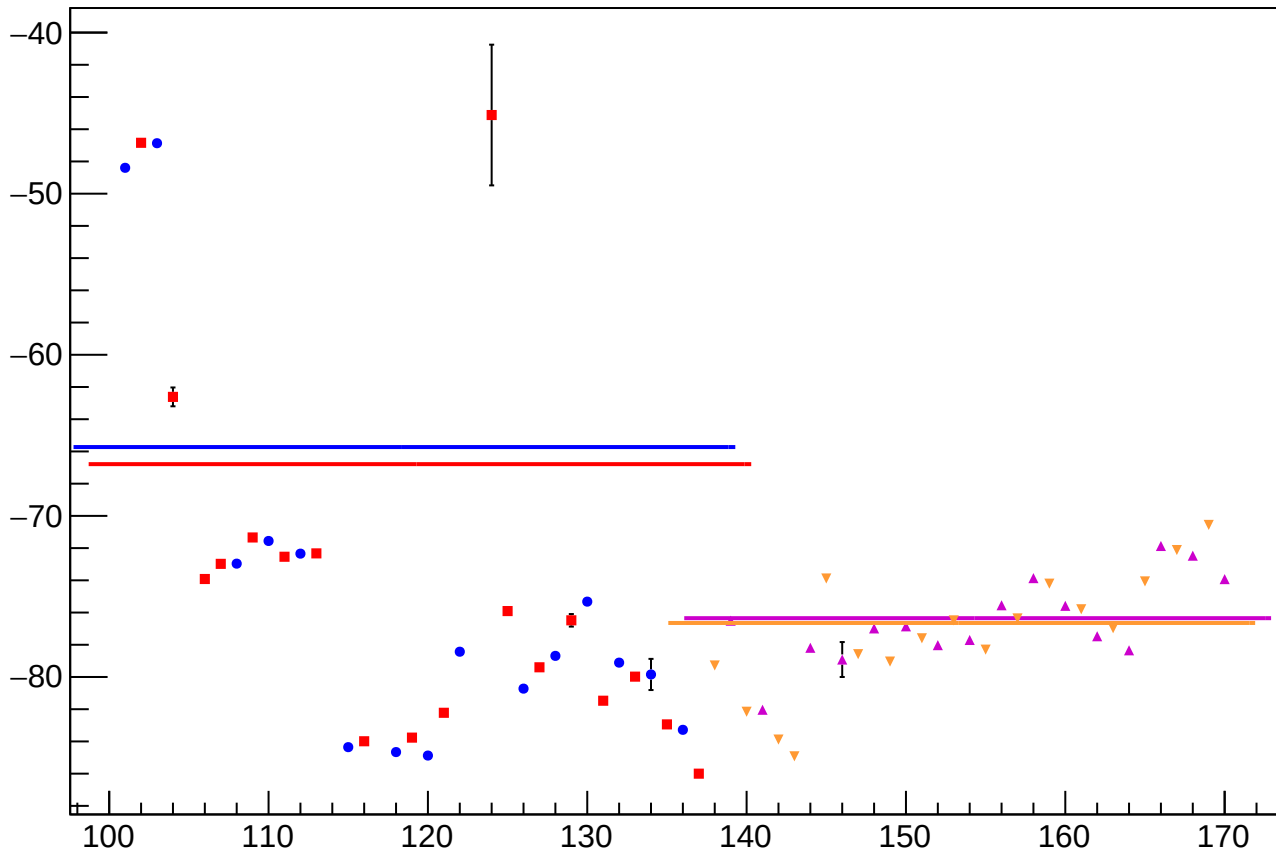
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.129 ± 0.017 $\chi^2/\text{NDF}: 69661.0/30$

Out: 38.648 ± 0.017 $\chi^2/\text{NDF}: 23782.7/34$

All: 38.388 ± 0.012 $\chi^2/\text{NDF}: 93888.9/65$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -76.647 ± 0.027 $\chi^2/\text{NDF}: 19441.2/16$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.349 ± 0.021 $\chi^2/\text{NDF}: 8459.4/15$

Left: -76.461 ± 0.017 $\chi^2/\text{NDF}: 27974.9/32$

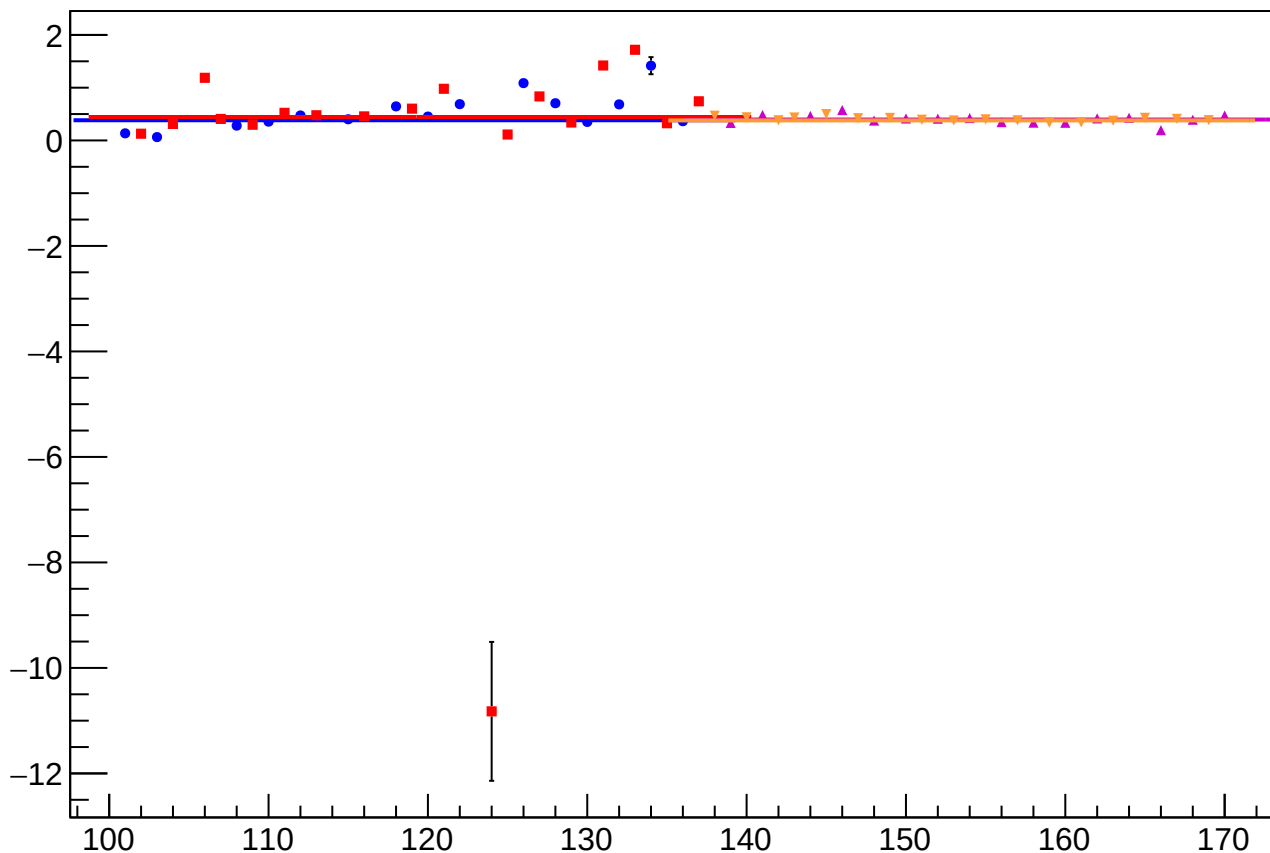
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.843 ± 0.013 $\chi^2/\text{NDF}: 1065487.8/30$

Out: -69.270 ± 0.014 $\chi^2/\text{NDF}: 926731.5/34$

All: -69.567 ± 0.009 $\chi^2/\text{NDF}: 1993129.7/65$

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: 5836.2/16

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 7328.2/15

Left: 0.388 $\pm$ 0.000 χ^2 /NDF: 13674.0/32

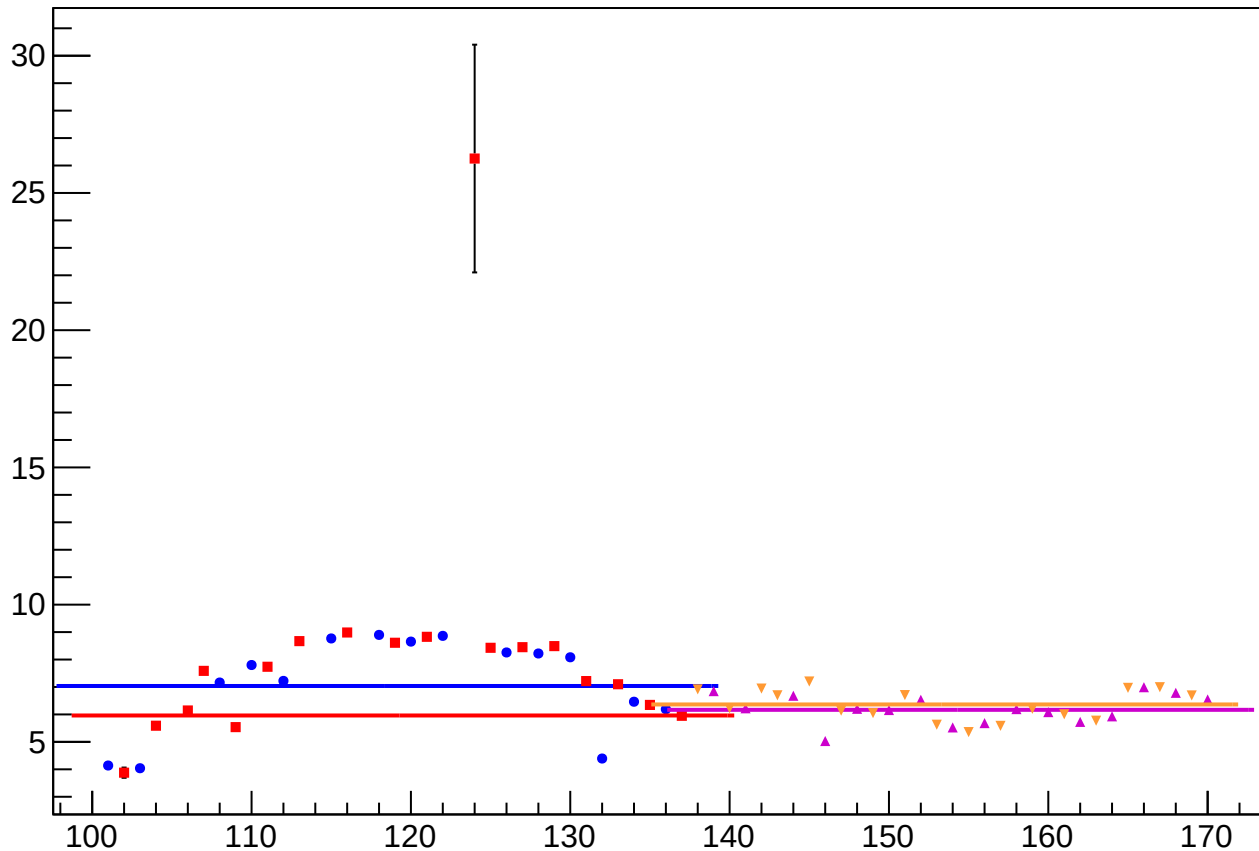
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.000 χ^2 /NDF: 15548.1/30

Out: 0.381 $\pm$ 0.001 χ^2 /NDF: 8929.4/34

All: 0.388 $\pm$ 0.000 χ^2 /NDF: 24876.5/65

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.363 ± 0.002 χ^2/NDF : 59046.7/16

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.168 ± 0.002 χ^2/NDF : 44785.4/15

Left: 6.259 ± 0.001 χ^2/NDF : 110870.5/32

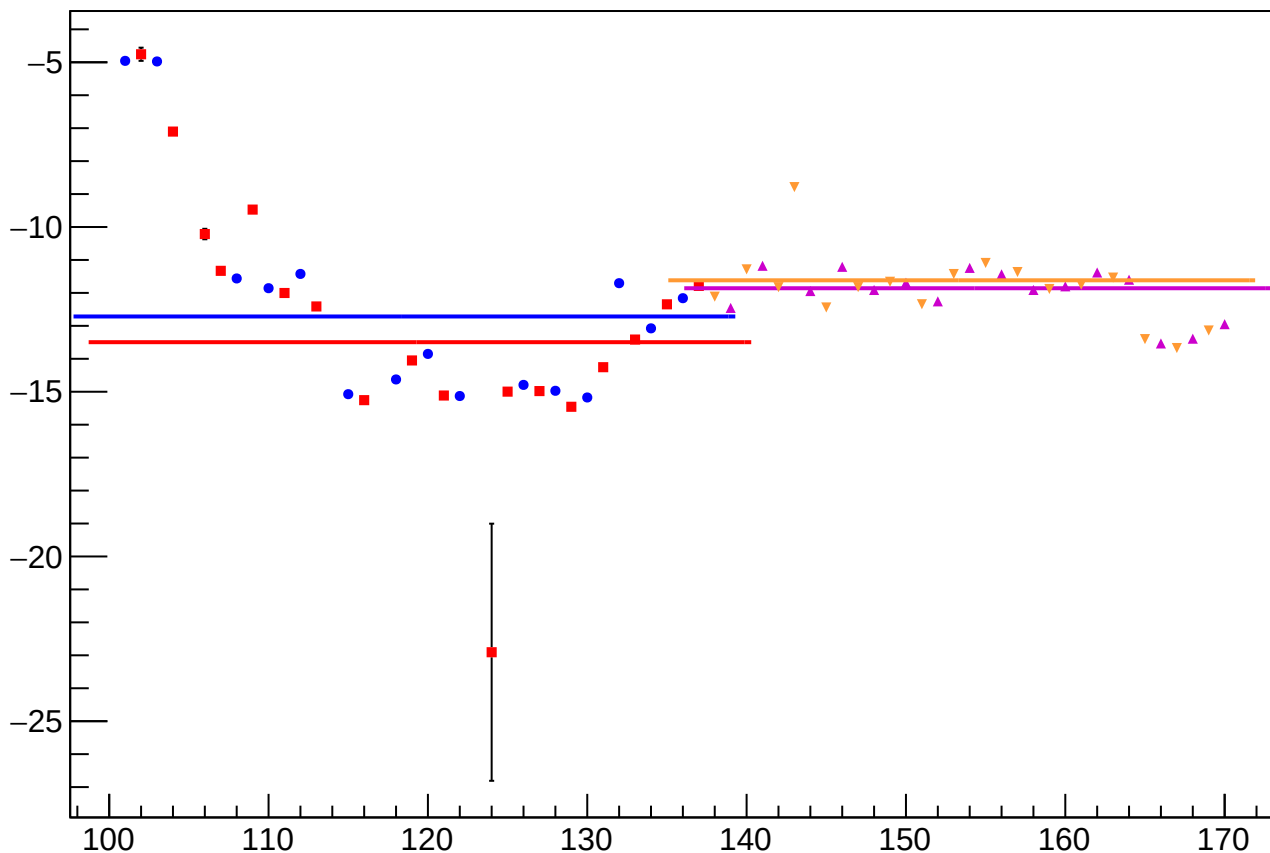
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.264 ± 0.002 χ^2/NDF : 147504.5/30

Out: 5.984 ± 0.000 χ^2/NDF : 280050.2/34

All: 6.002 ± 0.000 χ^2/NDF : 459982.3/65

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 316568.7/16

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.859 $\pm$ 0.002 χ^2 /NDF: 53589.7/15

Left: -11.742 $\pm$ 0.002 χ^2 /NDF: 375828.8/32

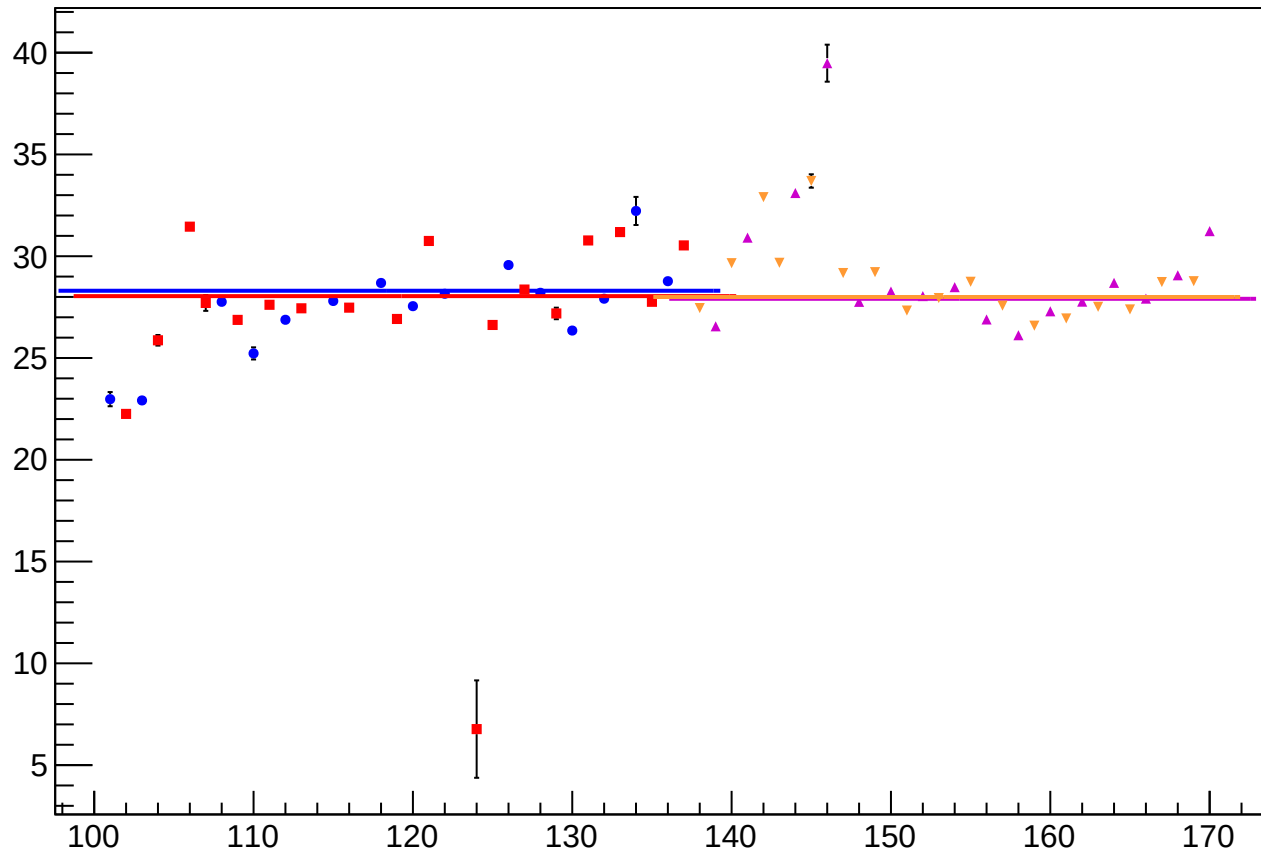
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.952 $\pm$ 0.002 χ^2 /NDF: 154883.8/30

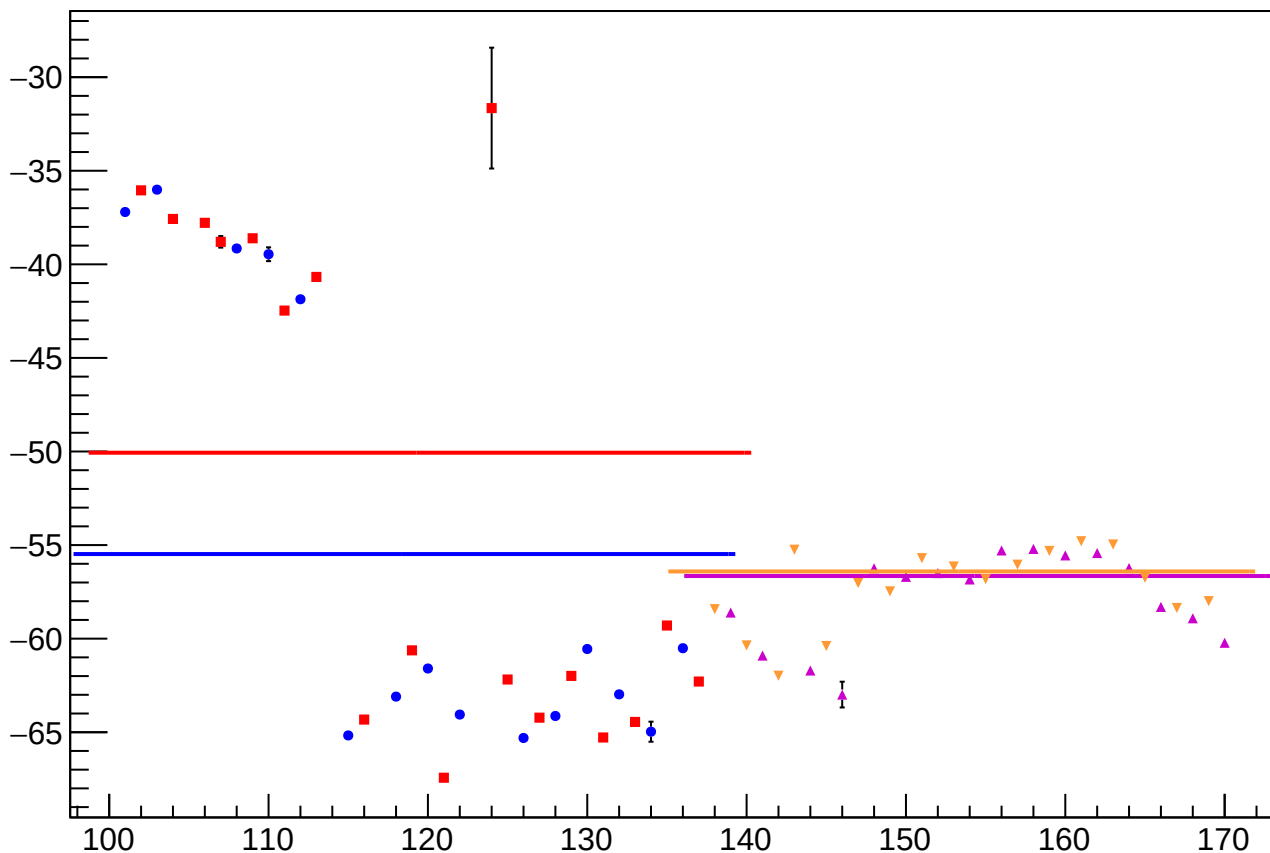
Out: -11.872 $\pm$ 0.002 χ^2 /NDF: 462665.7/34

All: -11.913 $\pm$ 0.002 χ^2 /NDF: 618266.2/65

dit_sam8_4aX_slope vs Slug, Sign Corrected



dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.410 ± 0.017 $\chi^2/\text{NDF}: 8413.0/16$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.654 ± 0.014 $\chi^2/\text{NDF}: 12180.6/15$

Left: -56.556 ± 0.011 $\chi^2/\text{NDF}: 20721.5/32$

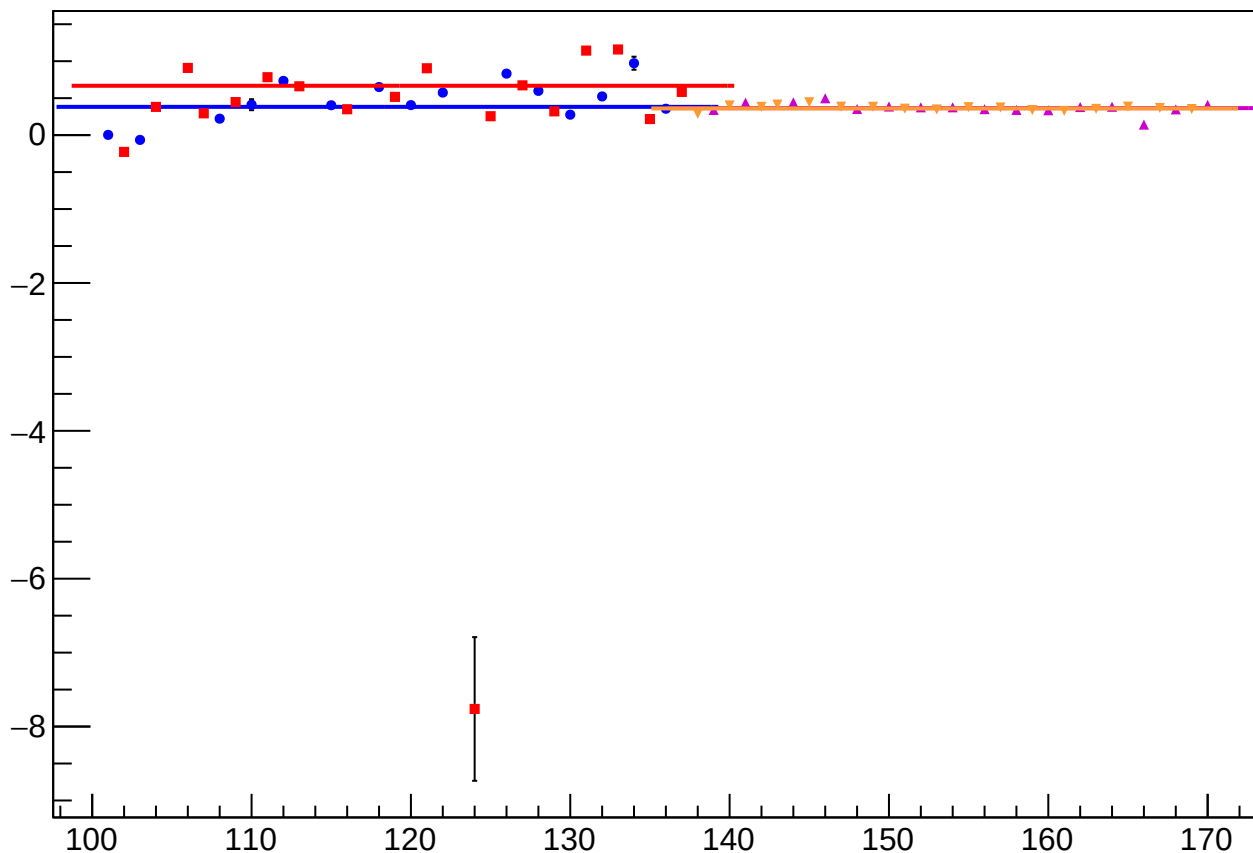
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.179 ± 0.011 $\chi^2/\text{NDF}: 610310.1/30$

Out: -54.243 ± 0.014 $\chi^2/\text{NDF}: 398075.4/34$

All: -55.447 ± 0.008 $\chi^2/\text{NDF}: 1021142.4/65$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.361 ± 0.000 $\chi^2/\text{NDF}: 3931.7/16$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 5637.4/15$

Left: 0.363 ± 0.000 $\chi^2/\text{NDF}: 9639.2/32$

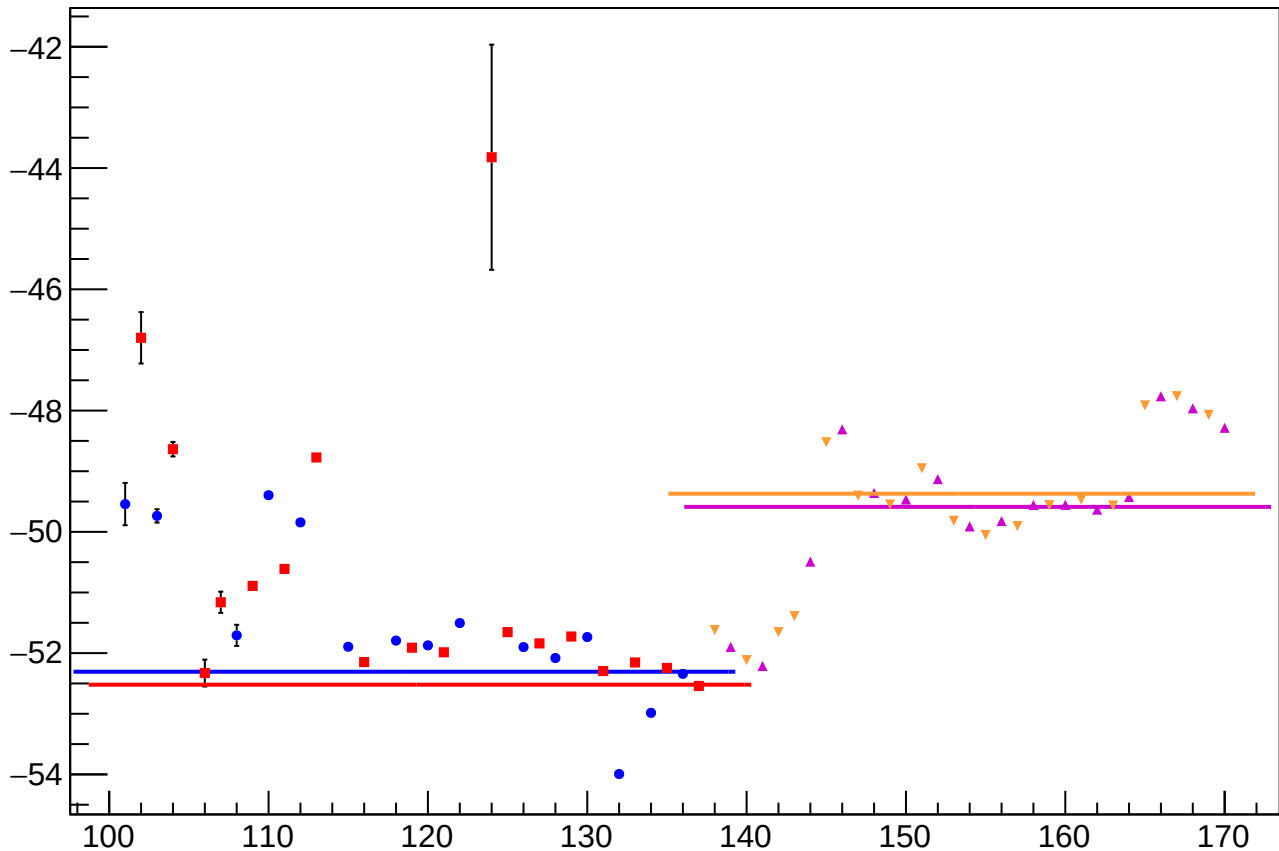
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 10341.2/30$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 12041.3/34$

All: 0.365 ± 0.000 $\chi^2/\text{NDF}: 22417.5/65$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.371 $\pm$ 0.001 χ^2 /NDF: 465710.8/16

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.588 $\pm$ 0.001 χ^2 /NDF: 387125.1/15

Left: -49.479 $\pm$ 0.001 χ^2 /NDF: 863572.7/32

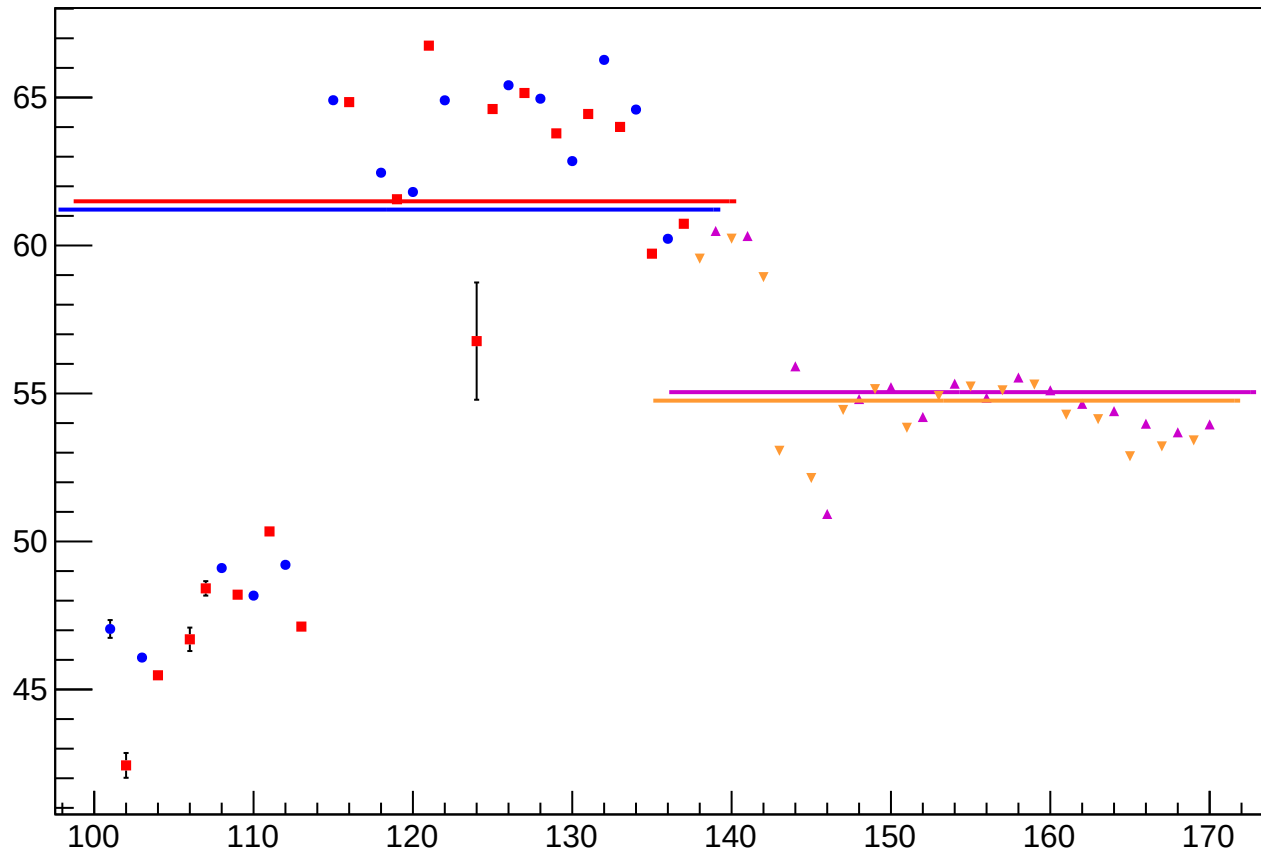
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.934 $\pm$ 0.001 χ^2 /NDF: 840823.0/30

Out: -51.398 $\pm$ 0.001 χ^2 /NDF: 3386450.4/34

All: -50.974 $\pm$ 0.001 χ^2 /NDF: 5020120.6/65

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.758 $\pm$ 0.003 χ^2 /NDF: 247088.3/16

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 77739.7/15

Left: 54.917 $\pm$ 0.002 χ^2 /NDF: 329148.0/32

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.537 $\pm$ 0.003 χ^2 /NDF: 589578.1/30

Out: 56.031 $\pm$ 0.003 χ^2 /NDF: 1305774.3/34

All: 55.774 $\pm$ 0.002 χ^2 /NDF: 1910279.5/65

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

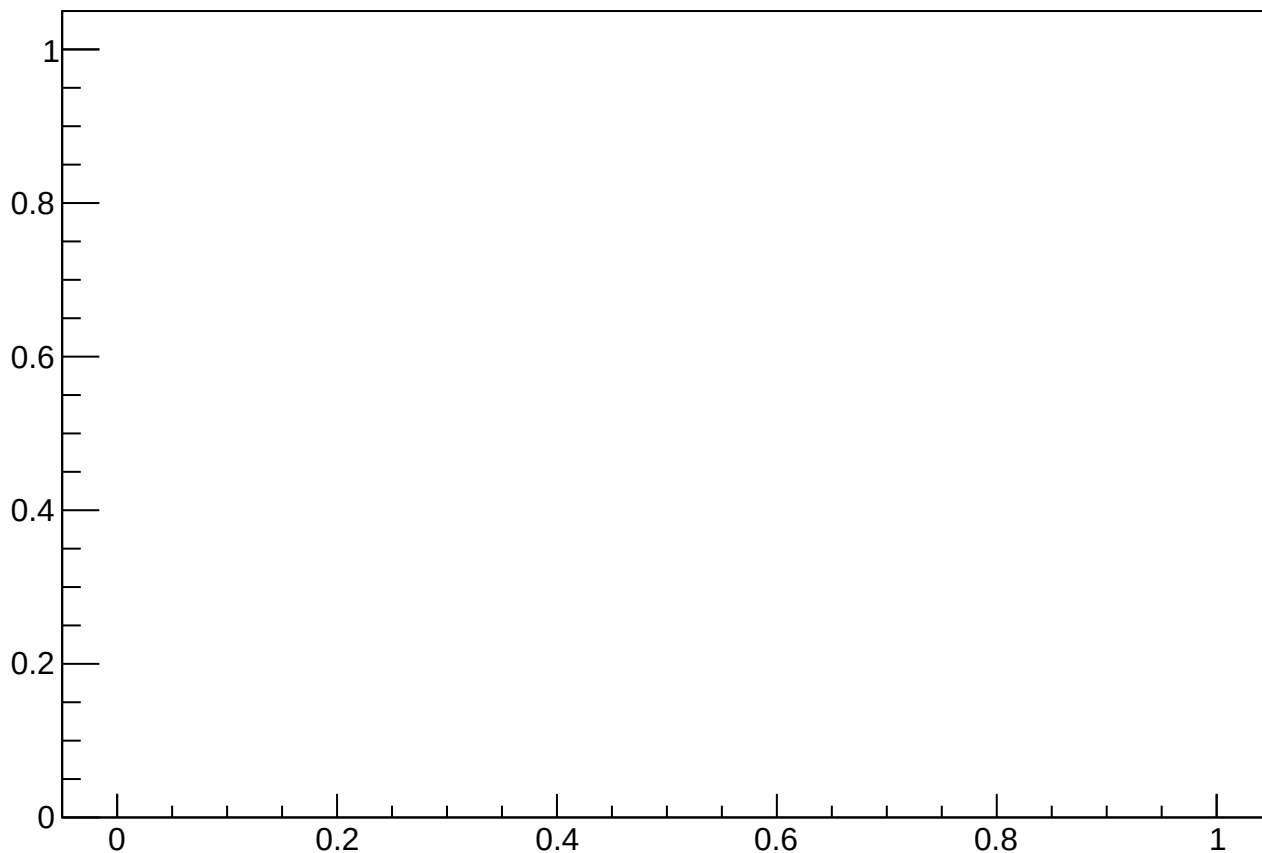
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

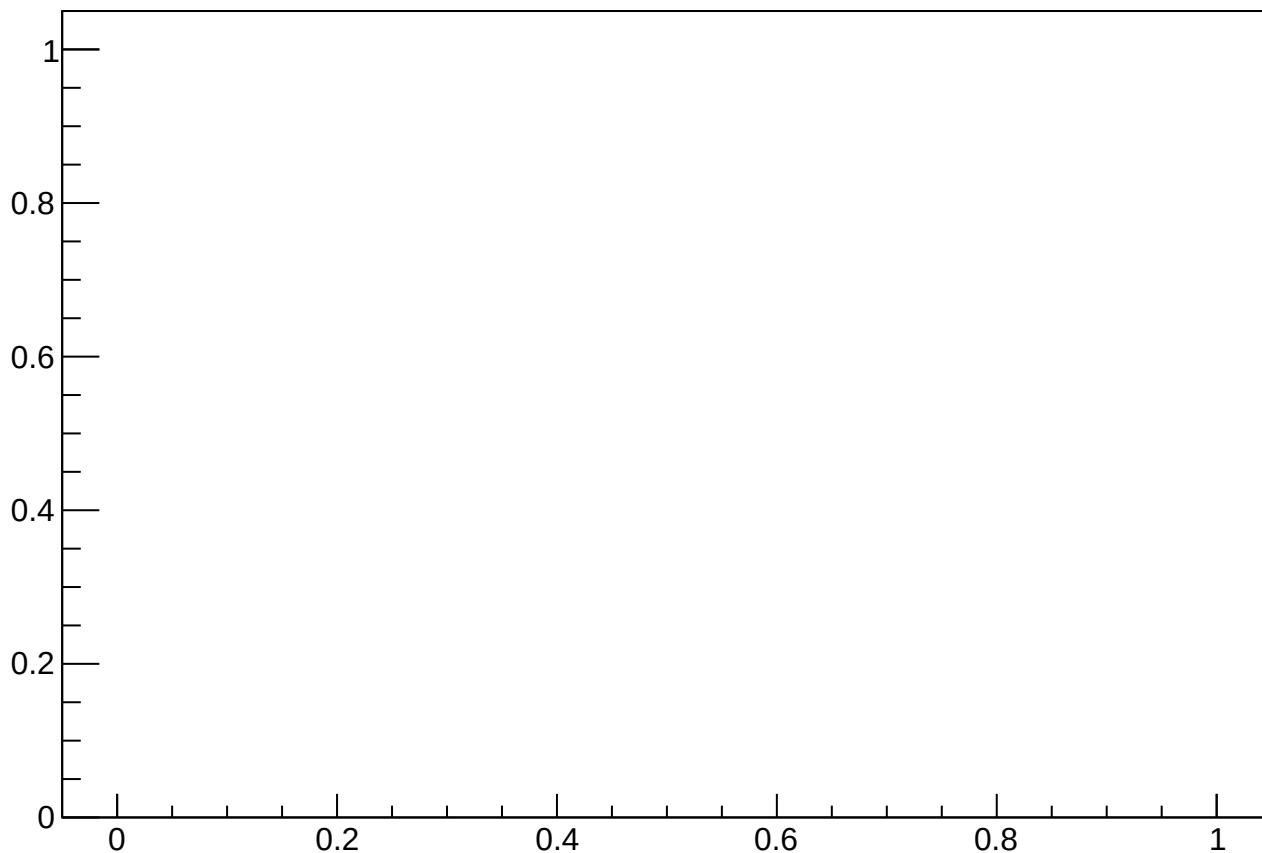
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

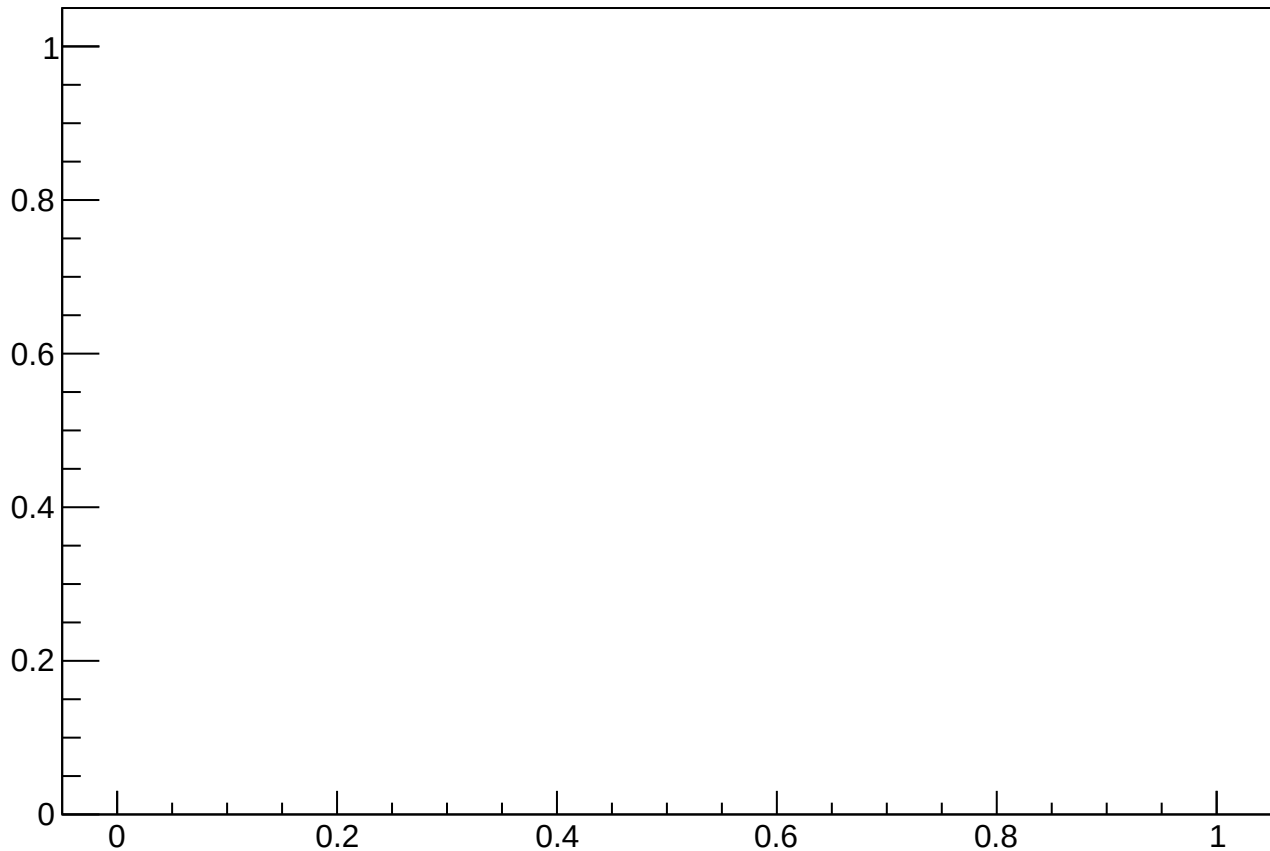
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

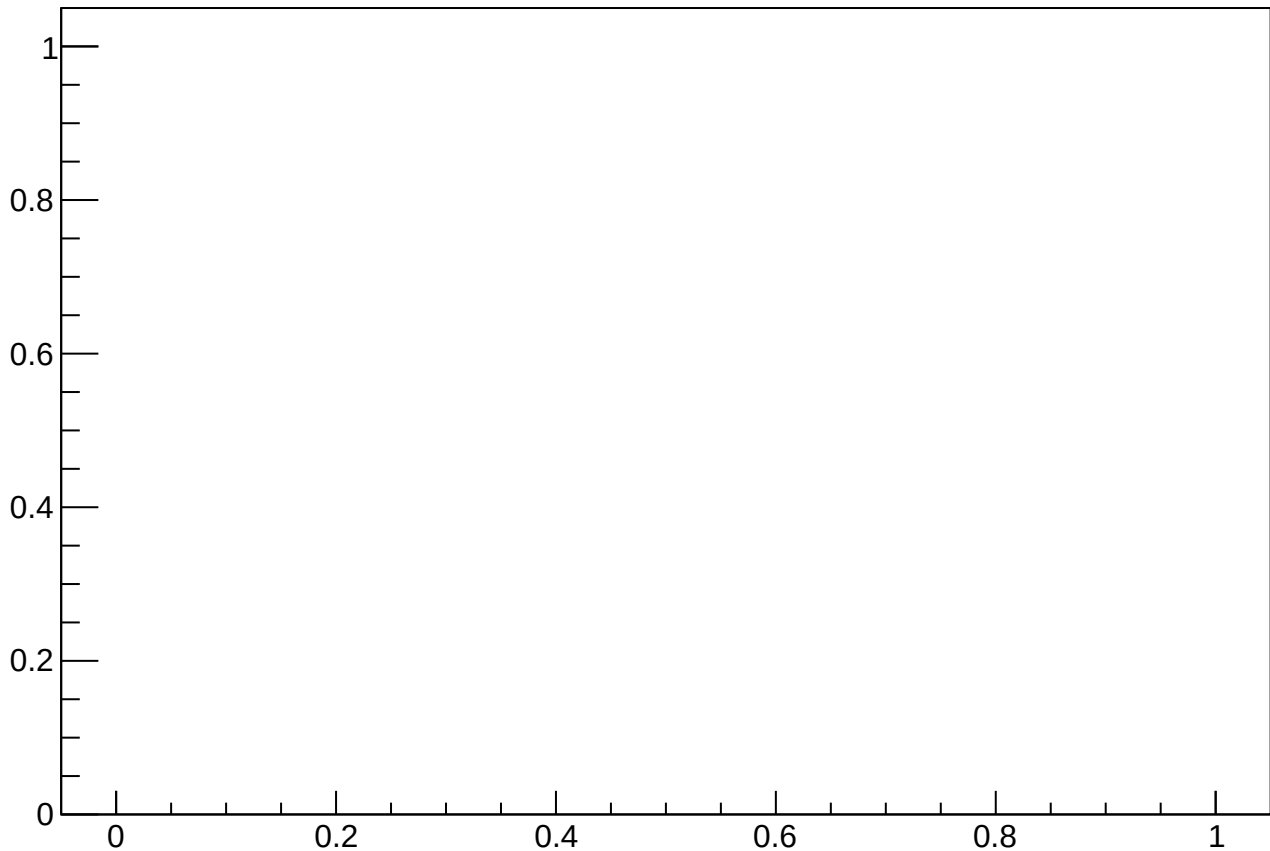
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

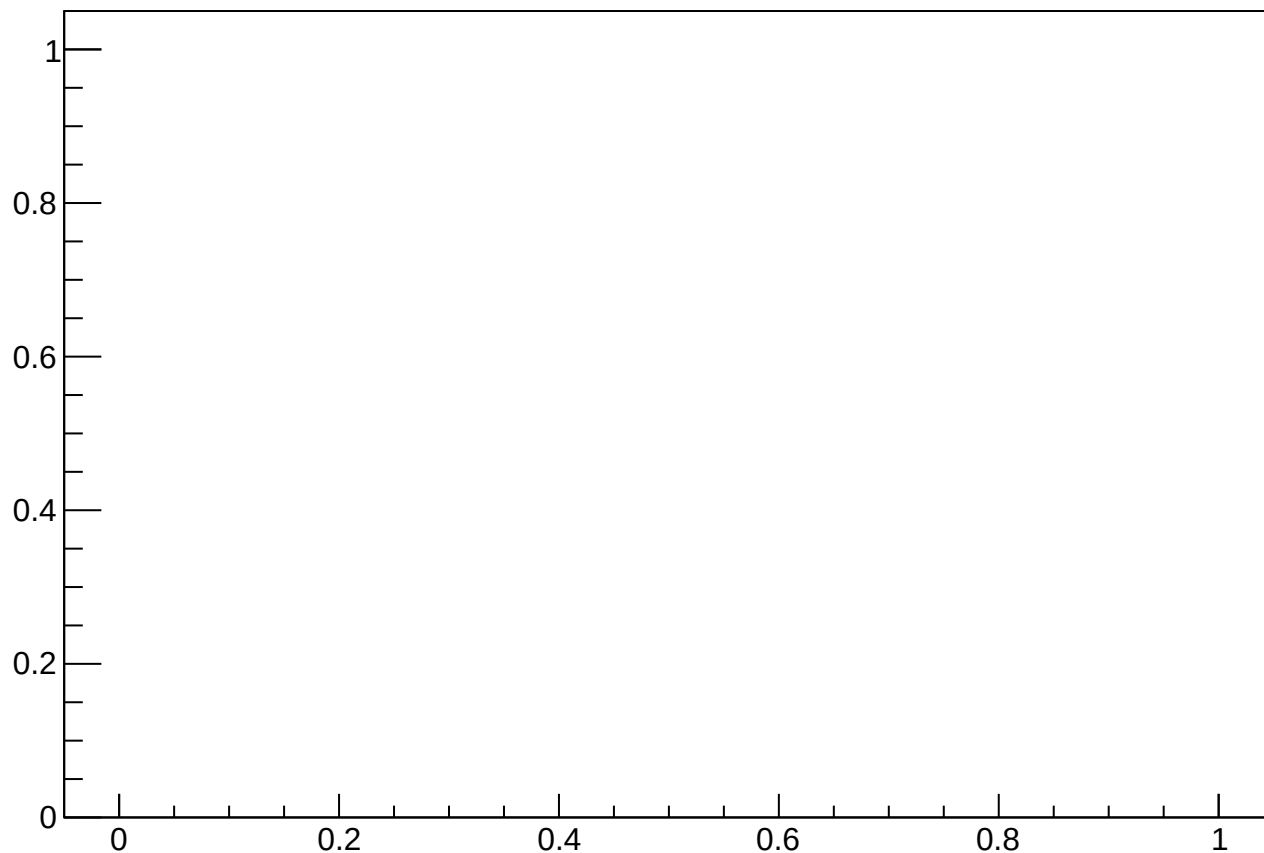
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

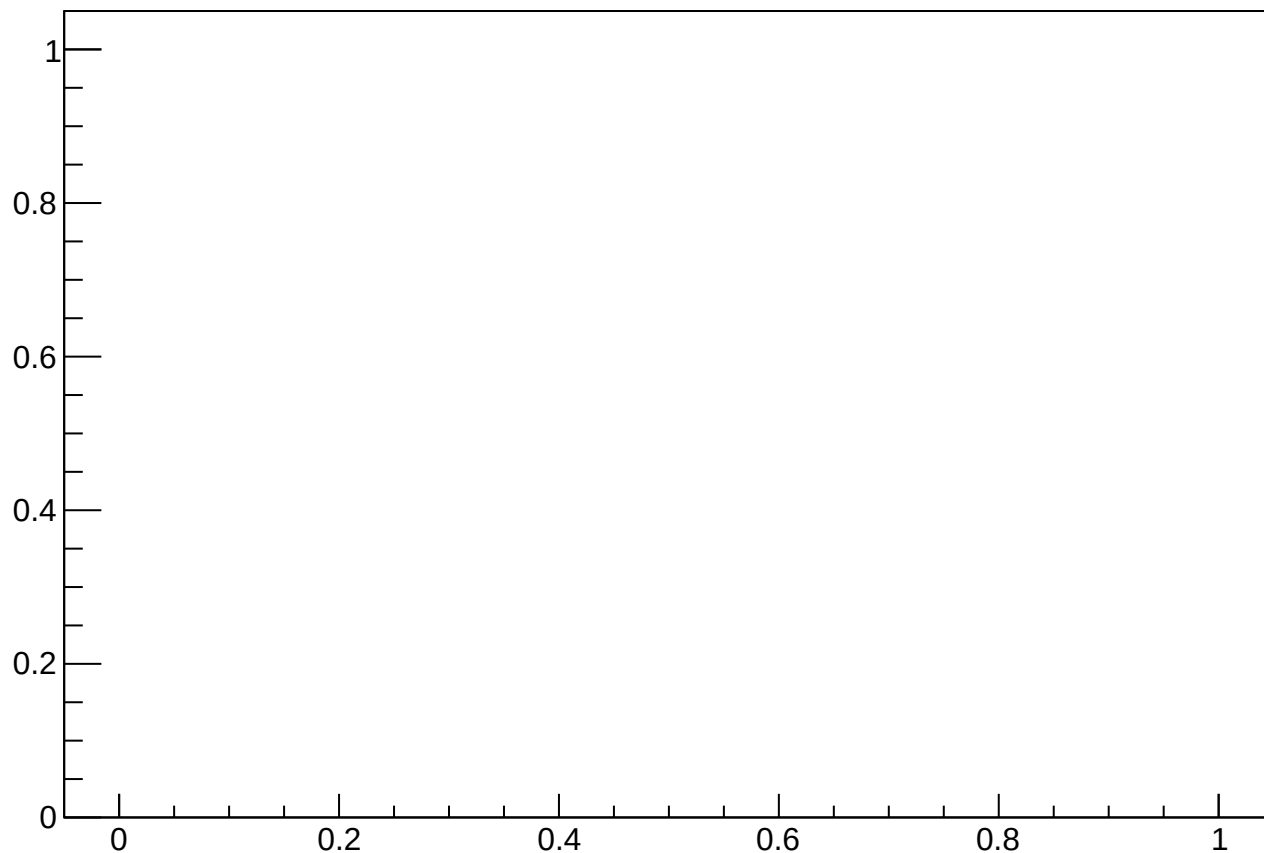
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

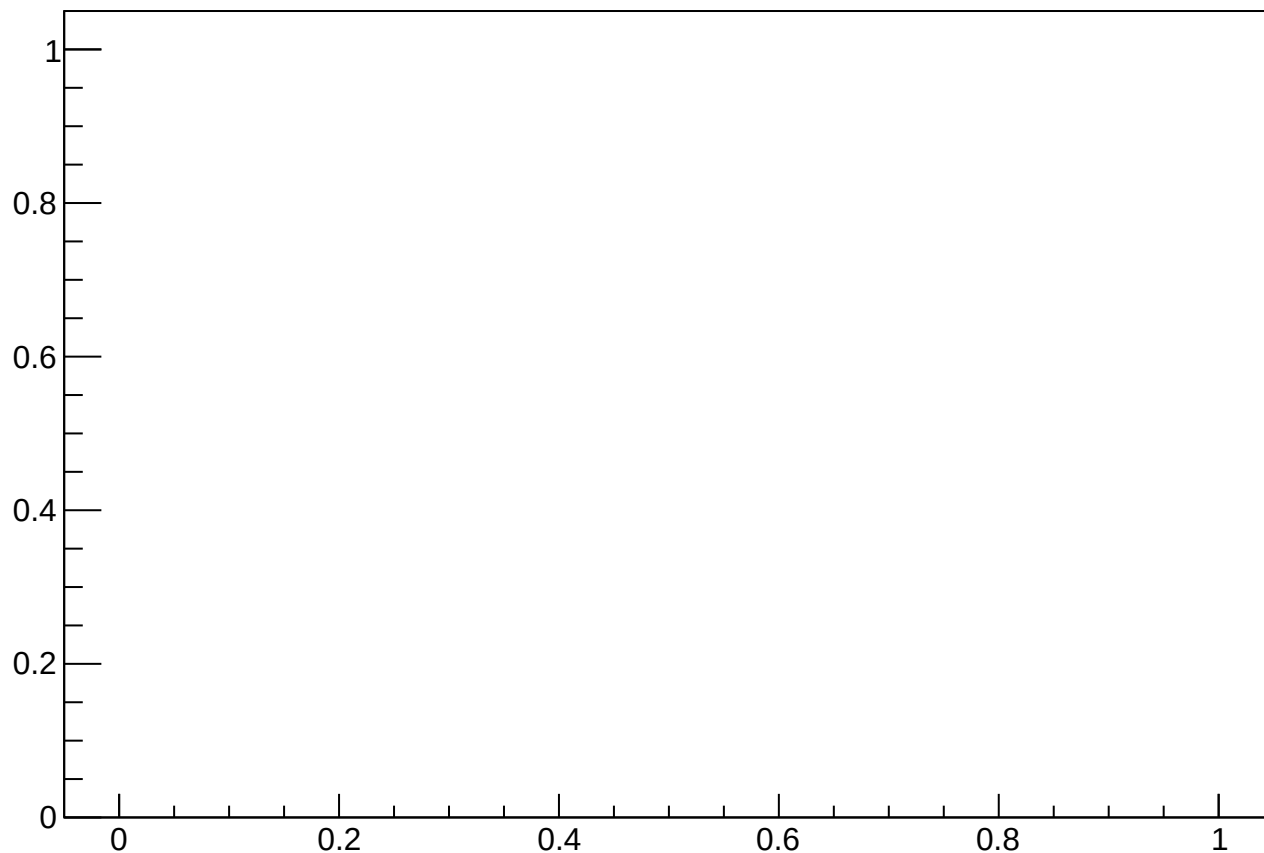
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

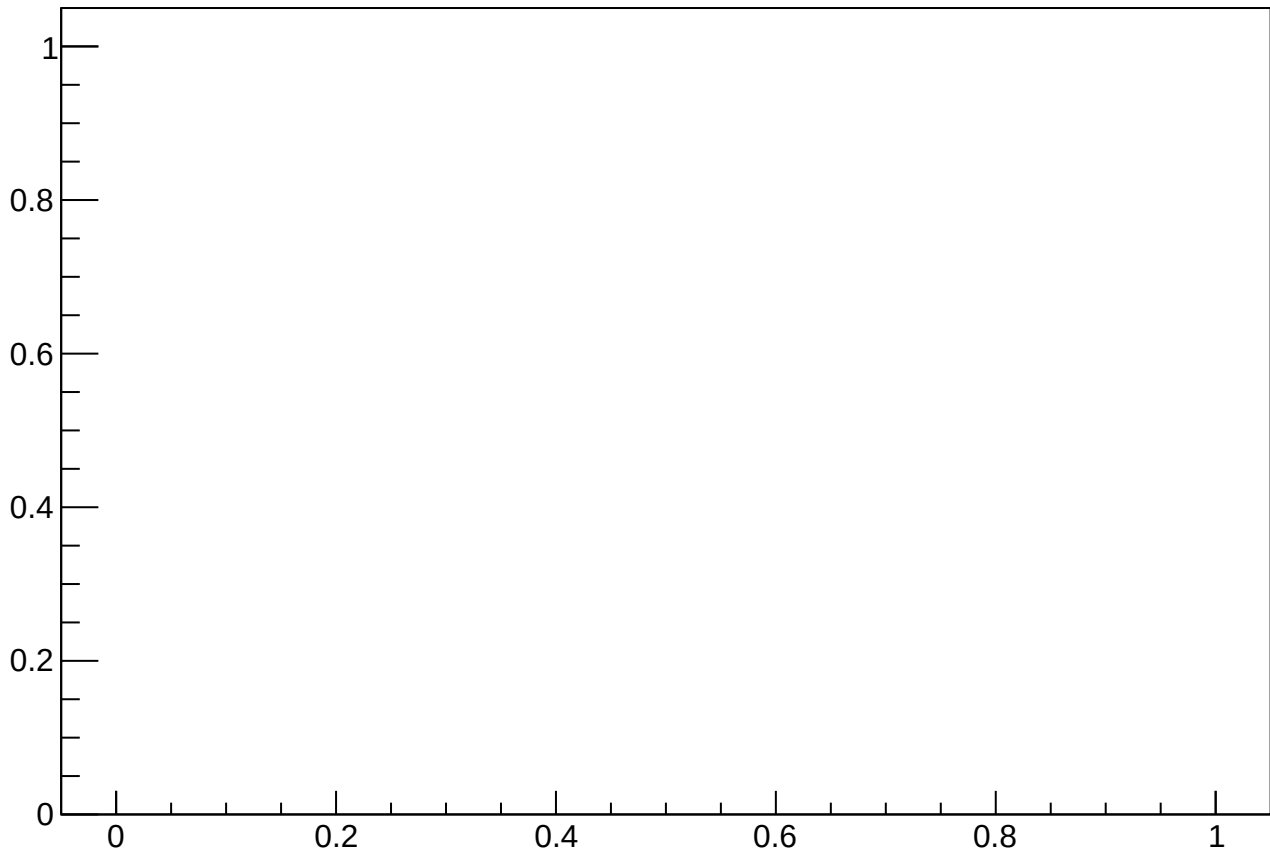
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

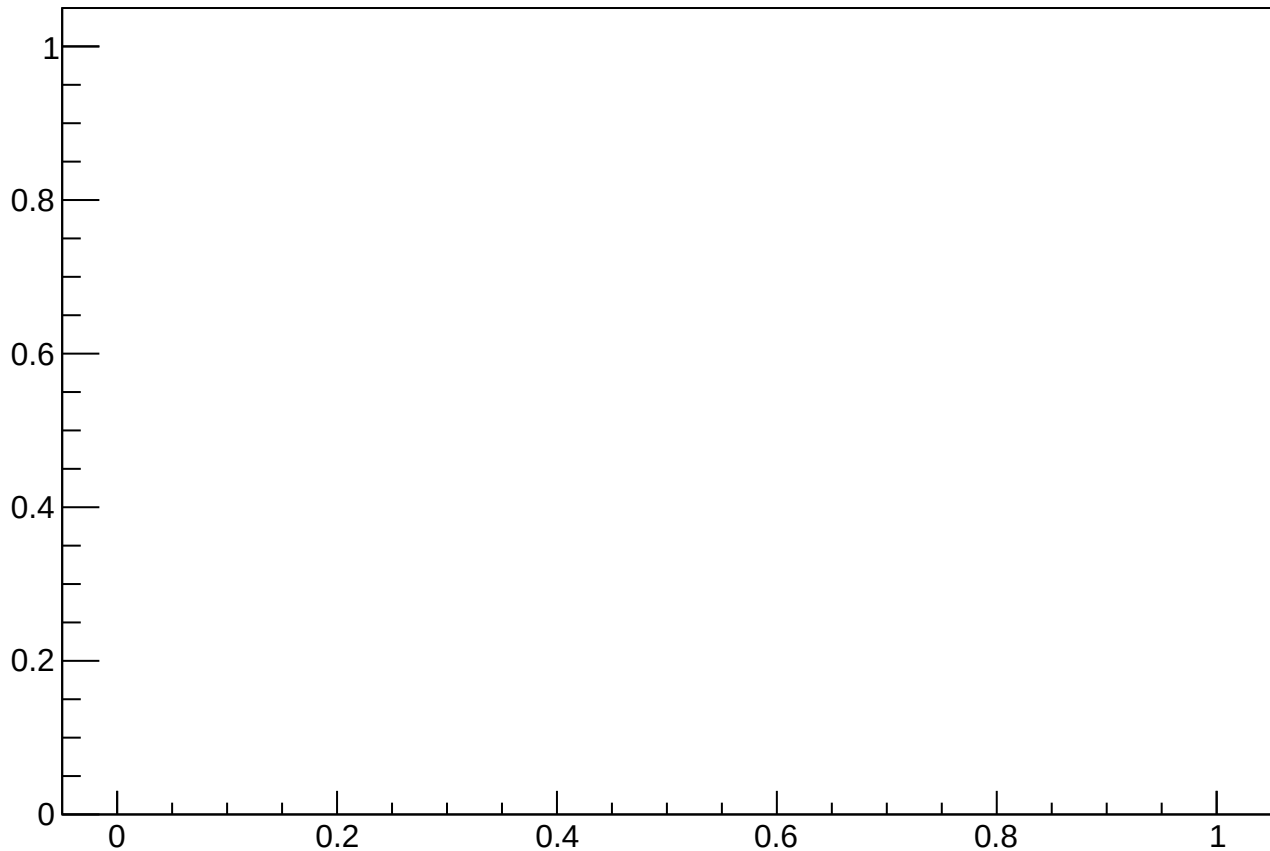
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

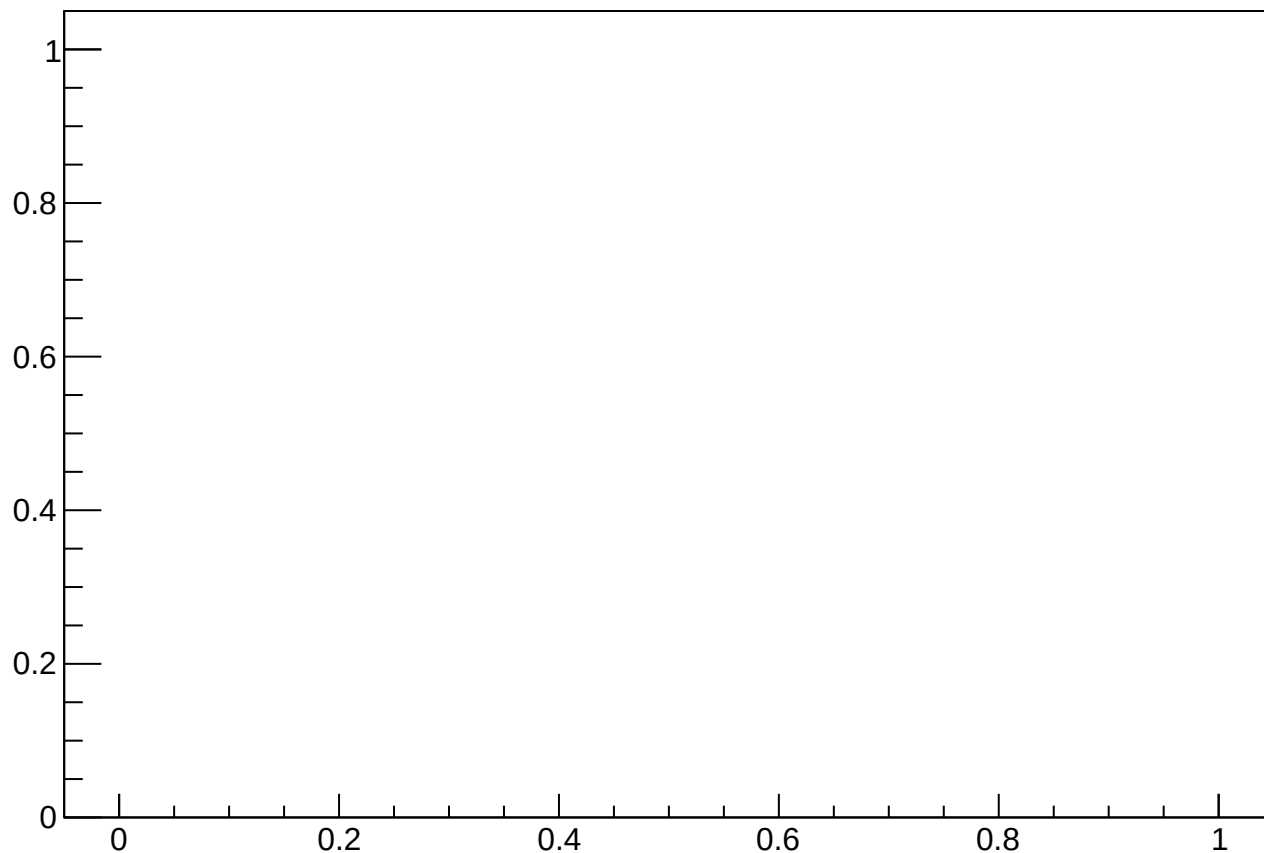
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

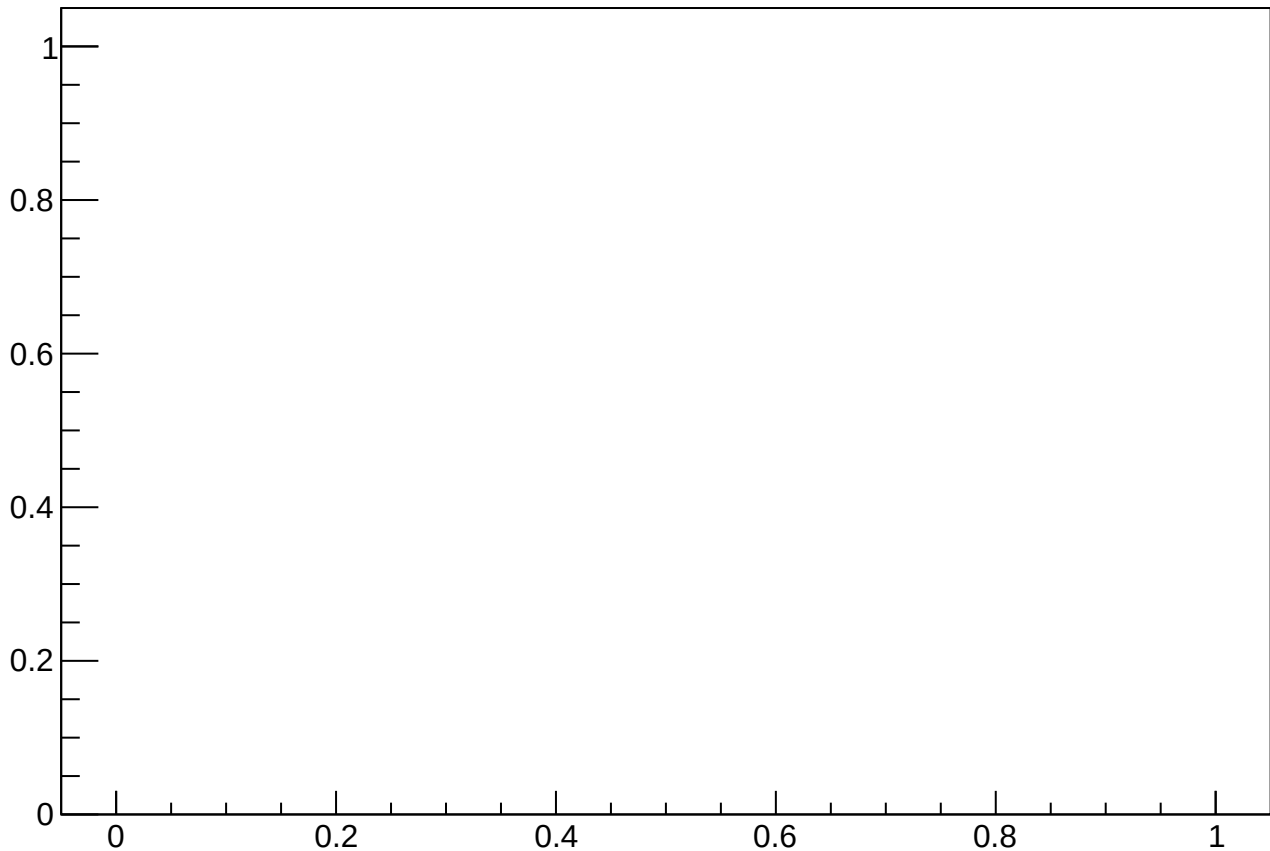
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

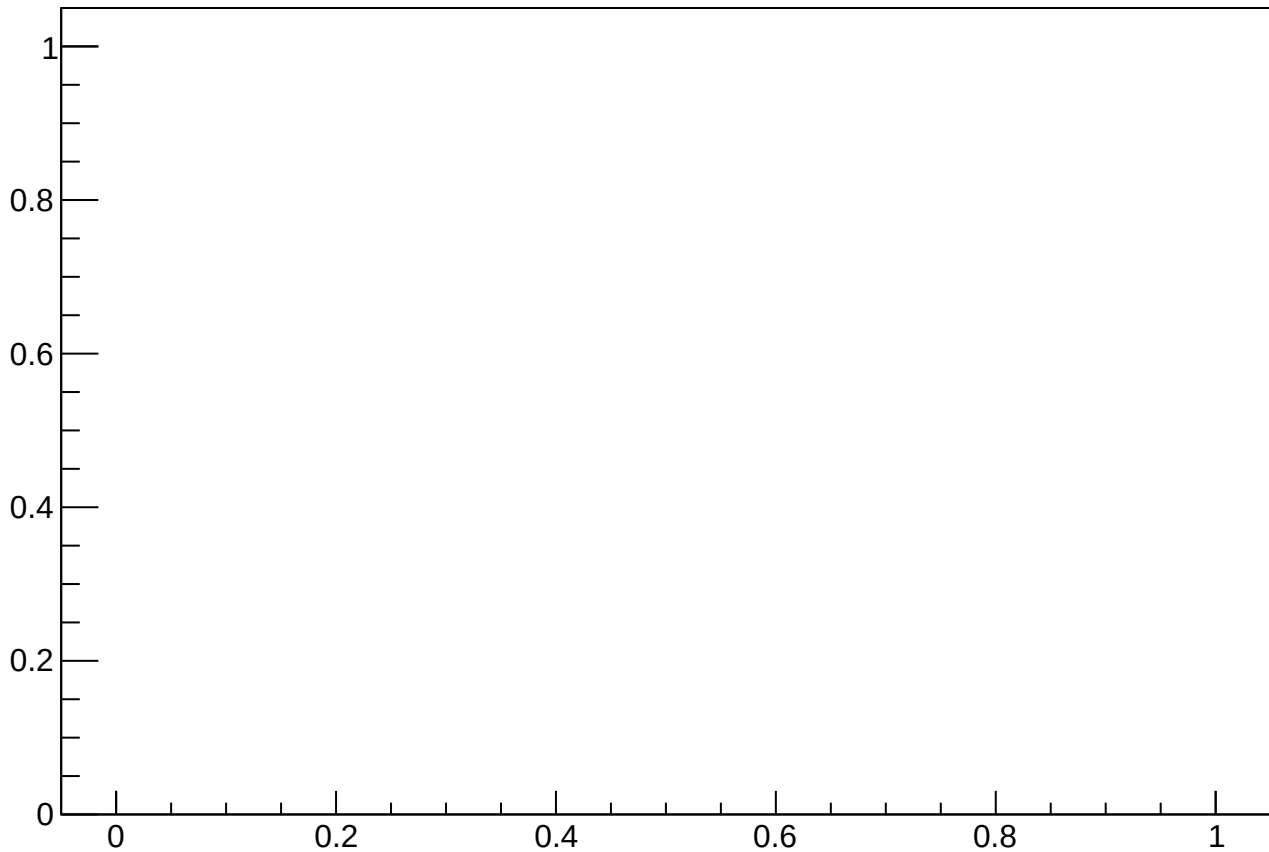
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

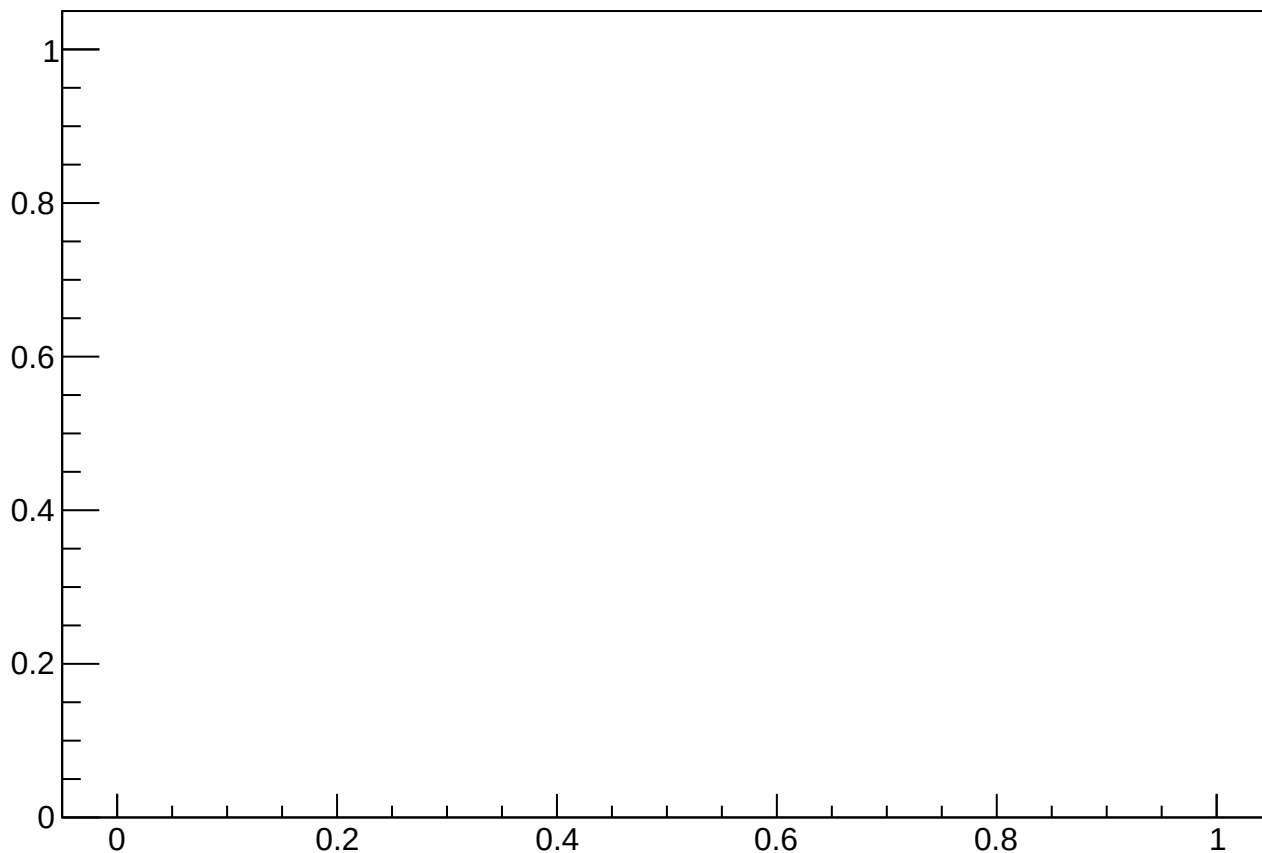
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

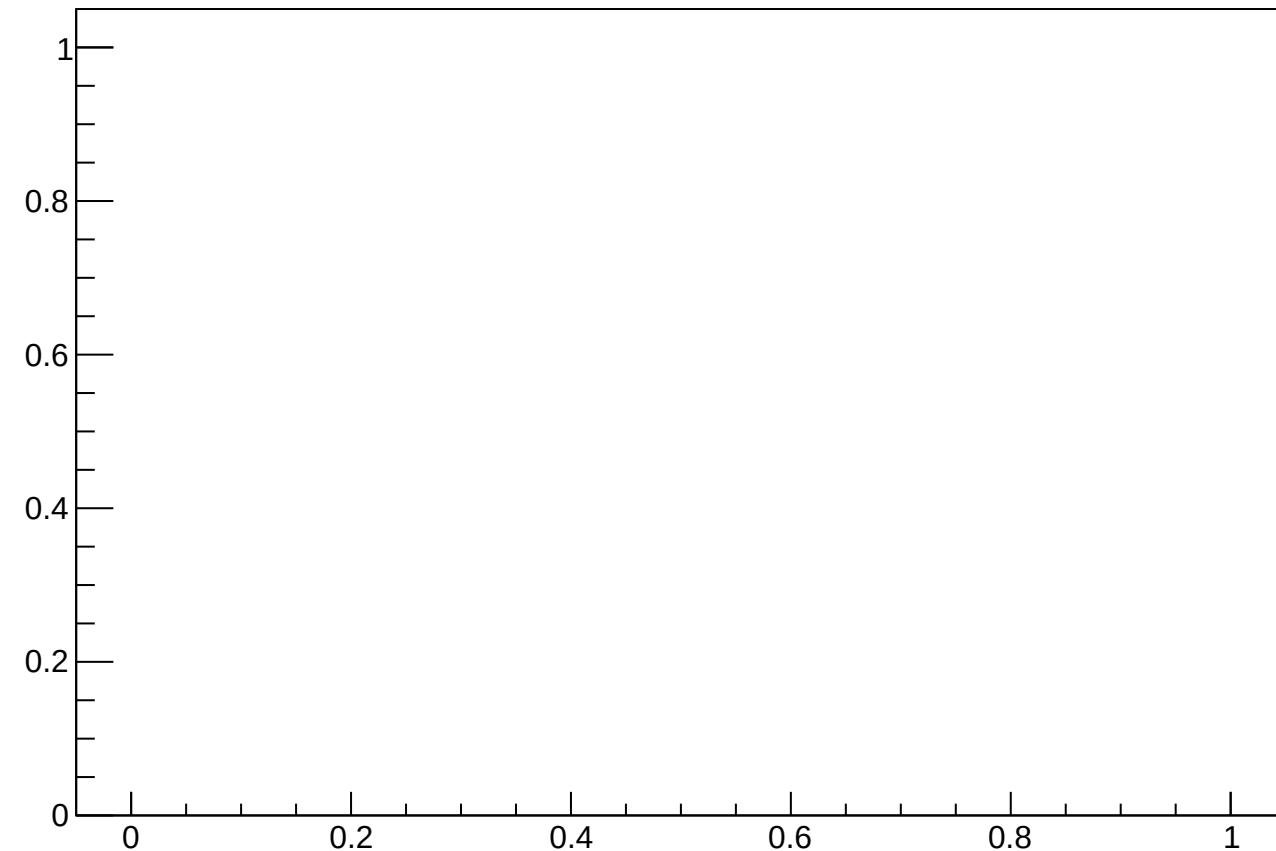
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

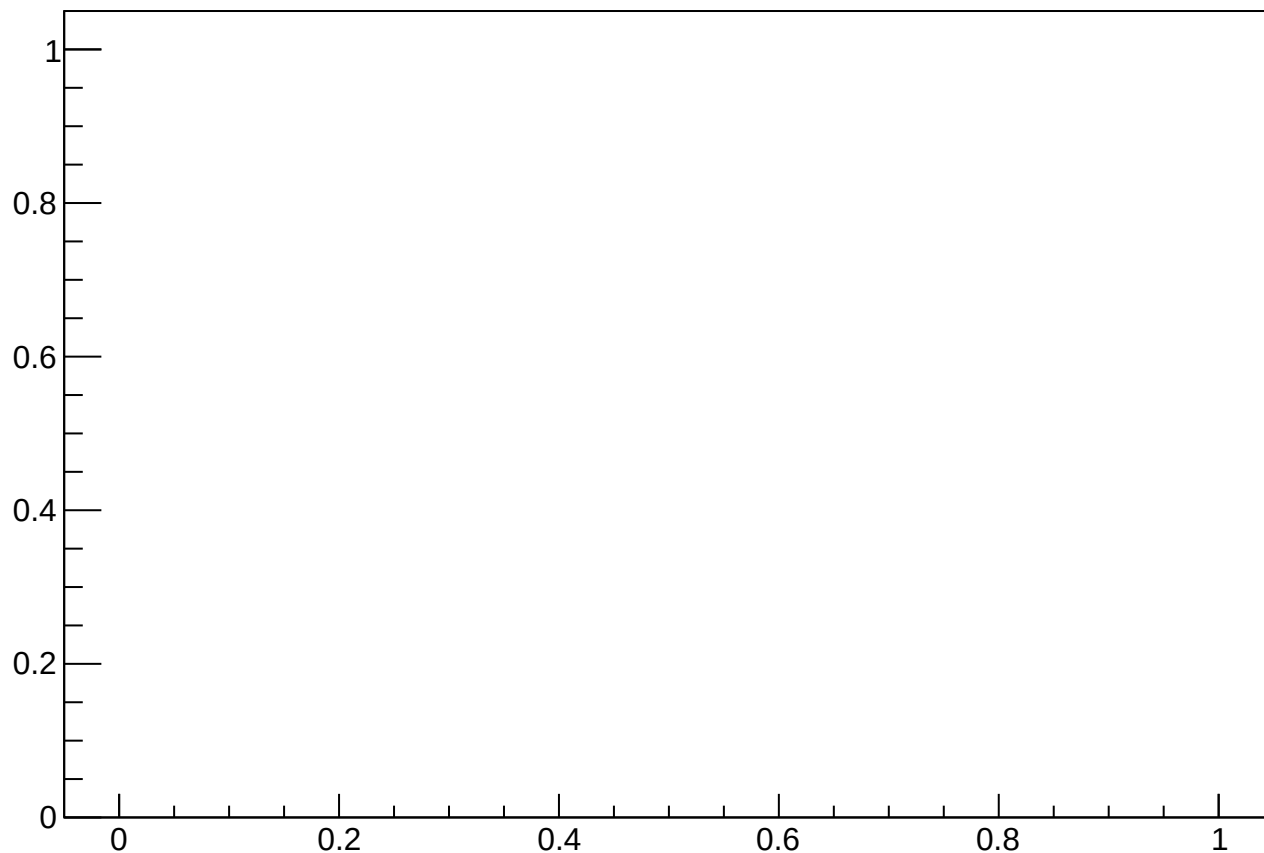
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

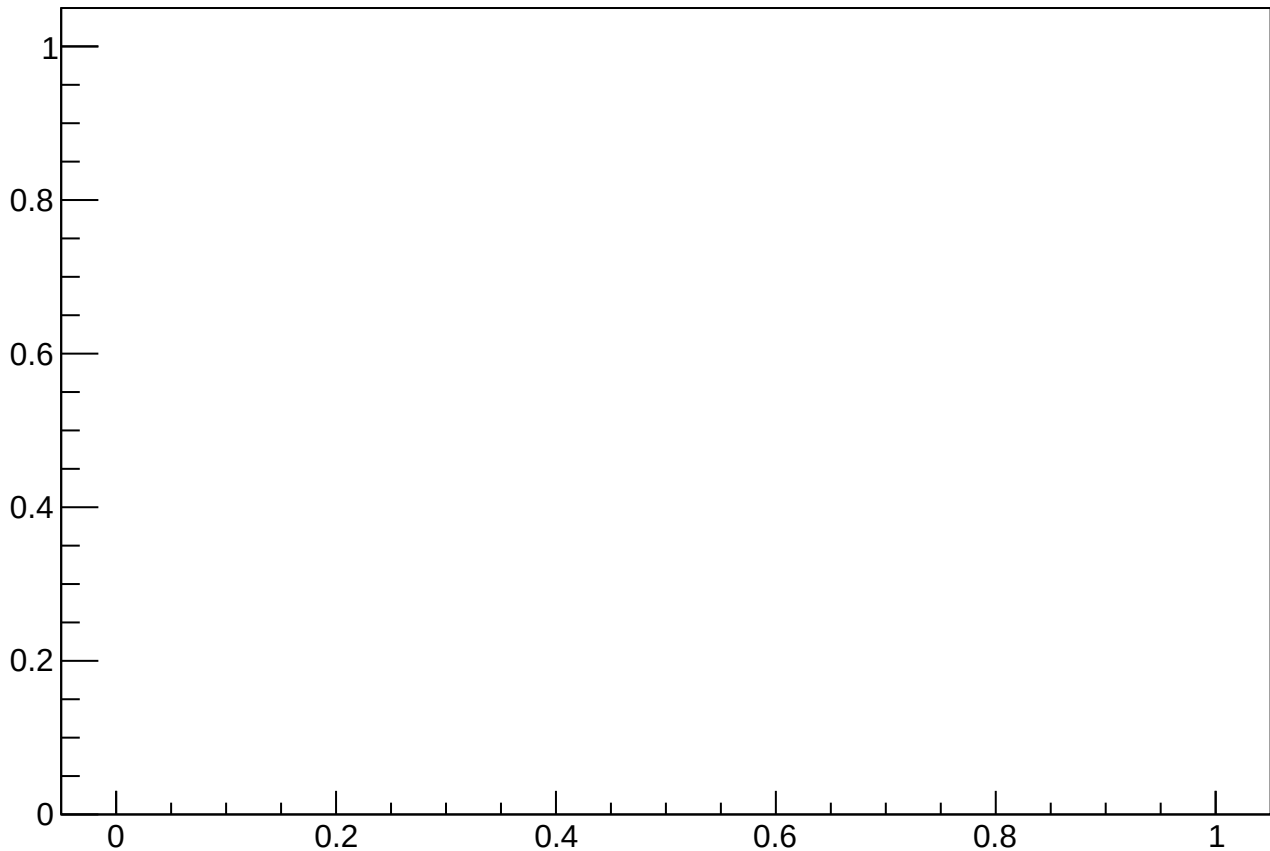
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

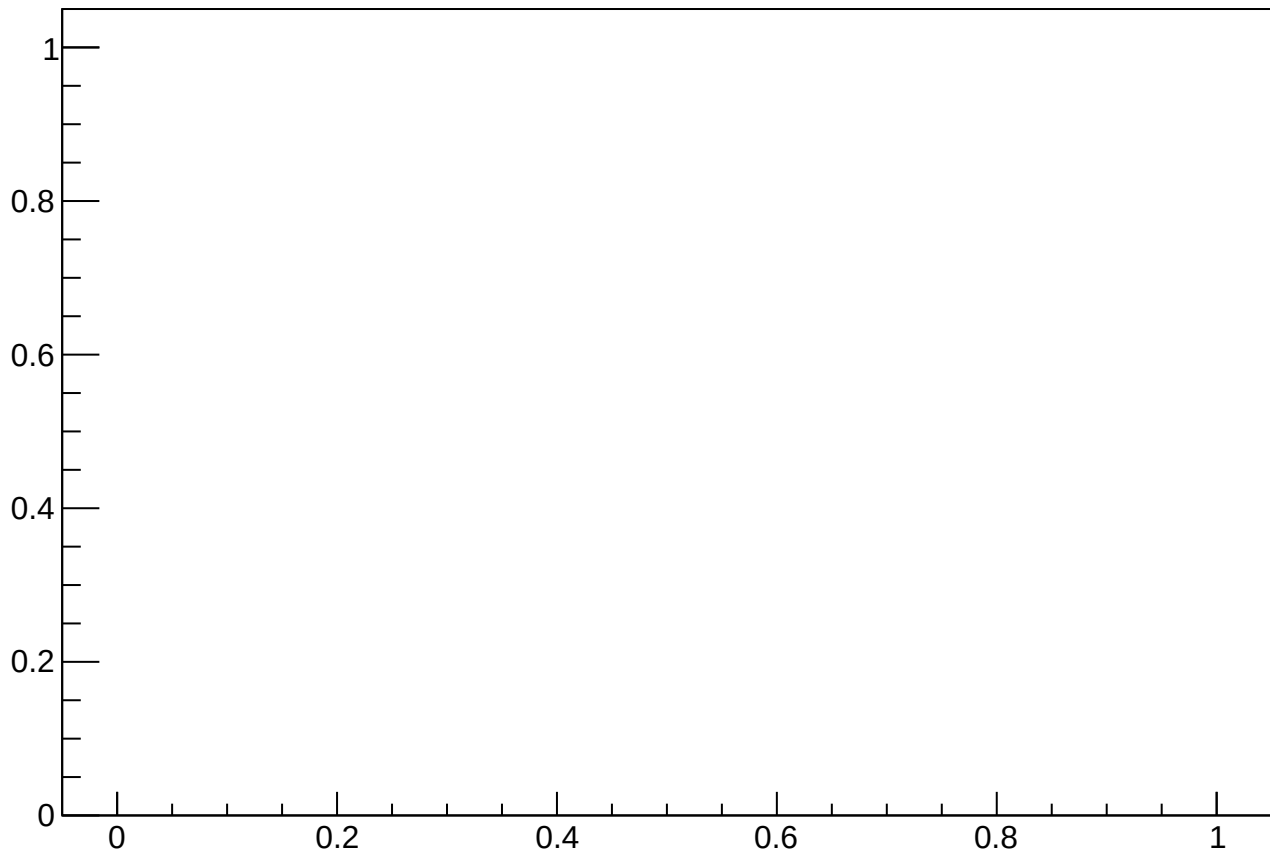
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

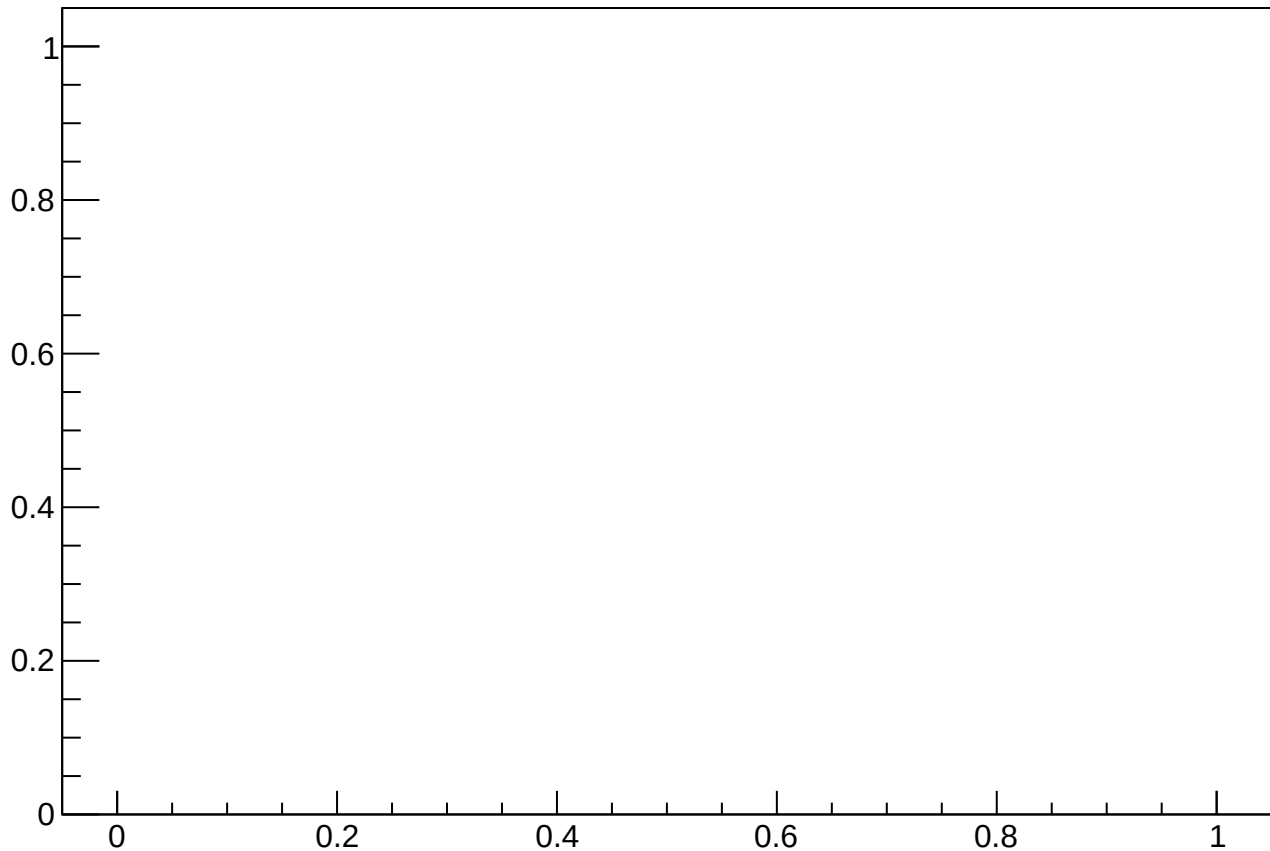
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

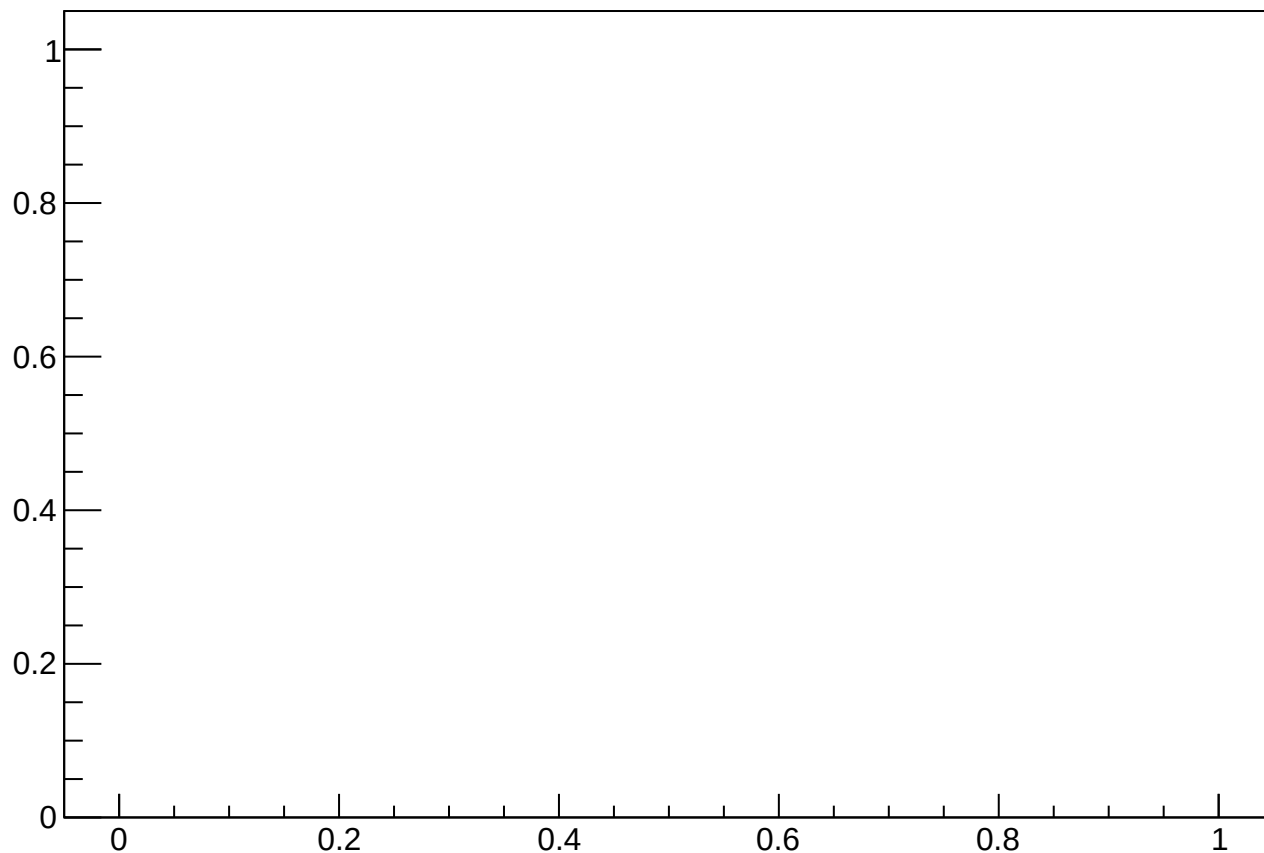
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

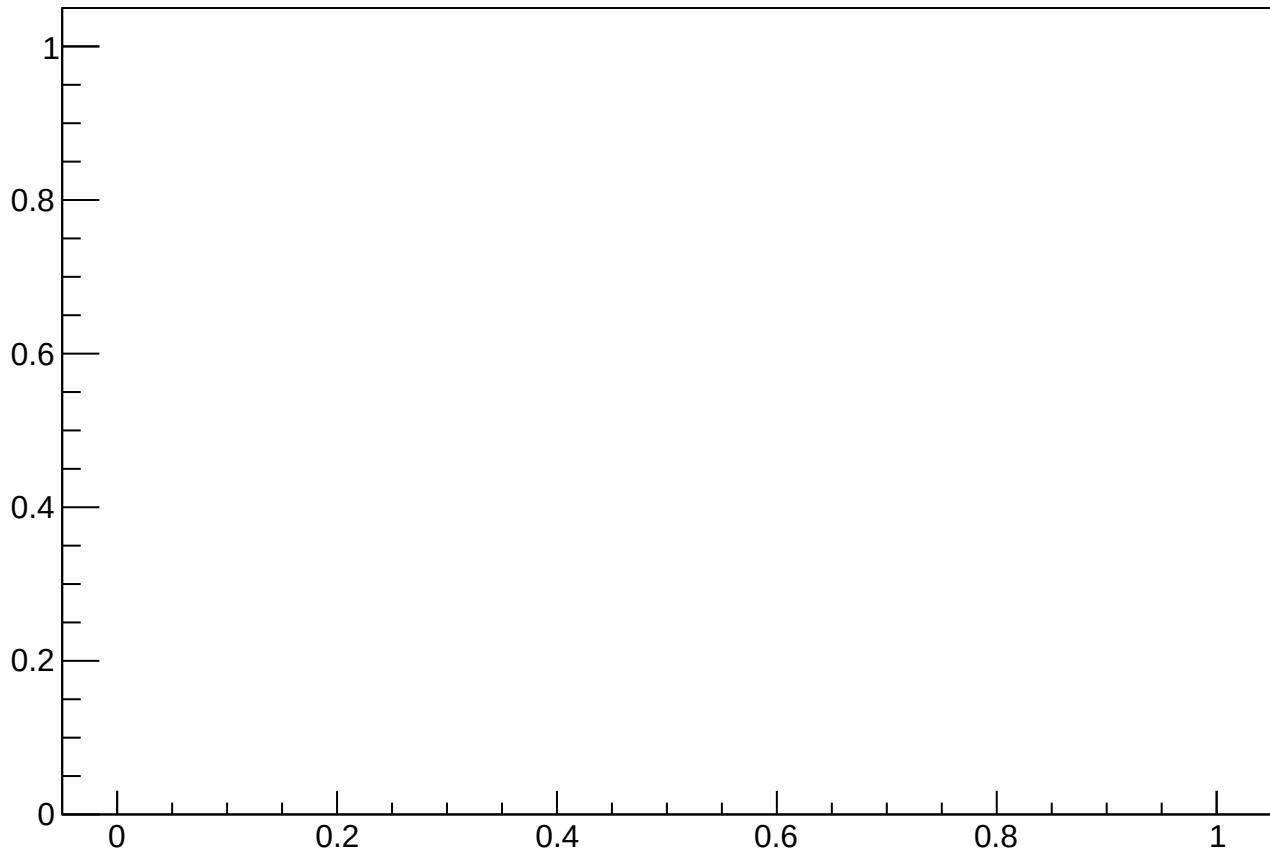
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

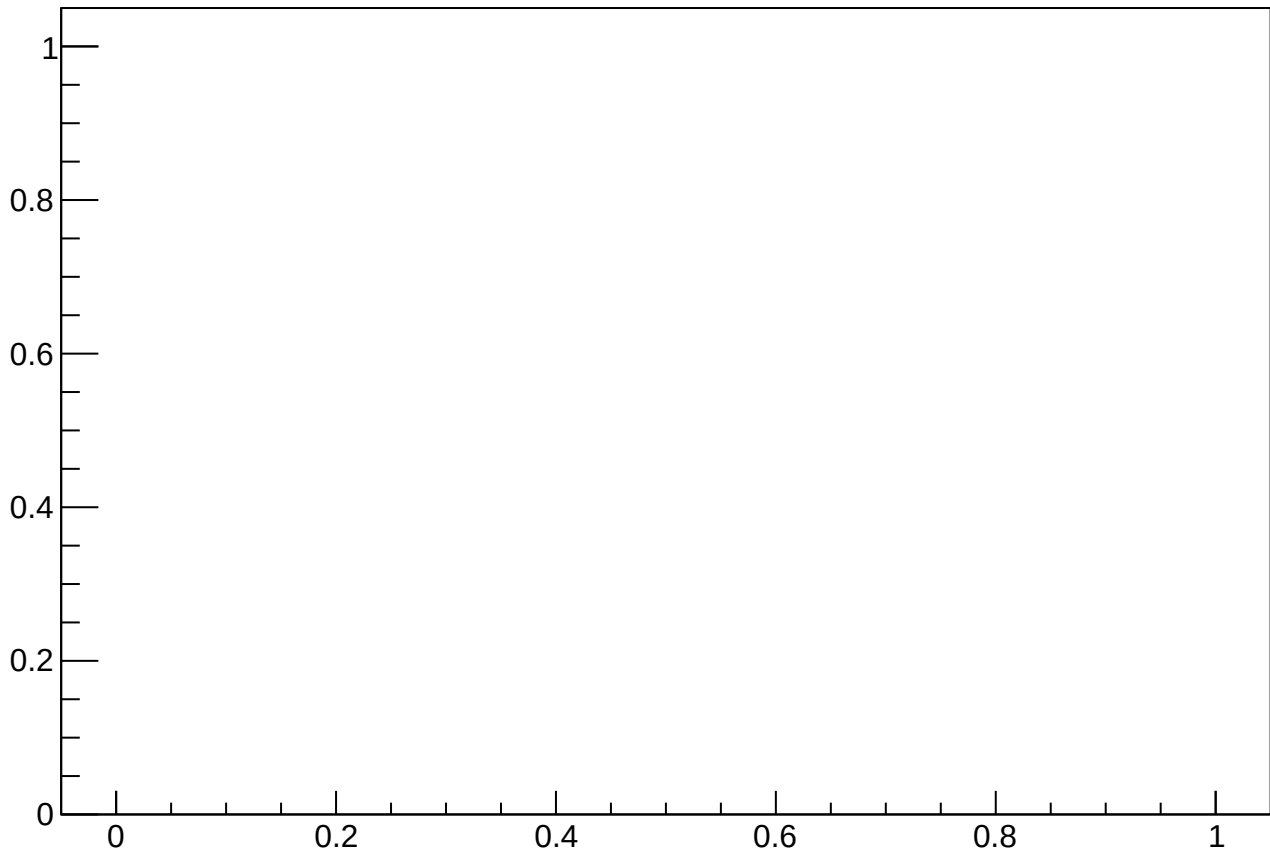
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

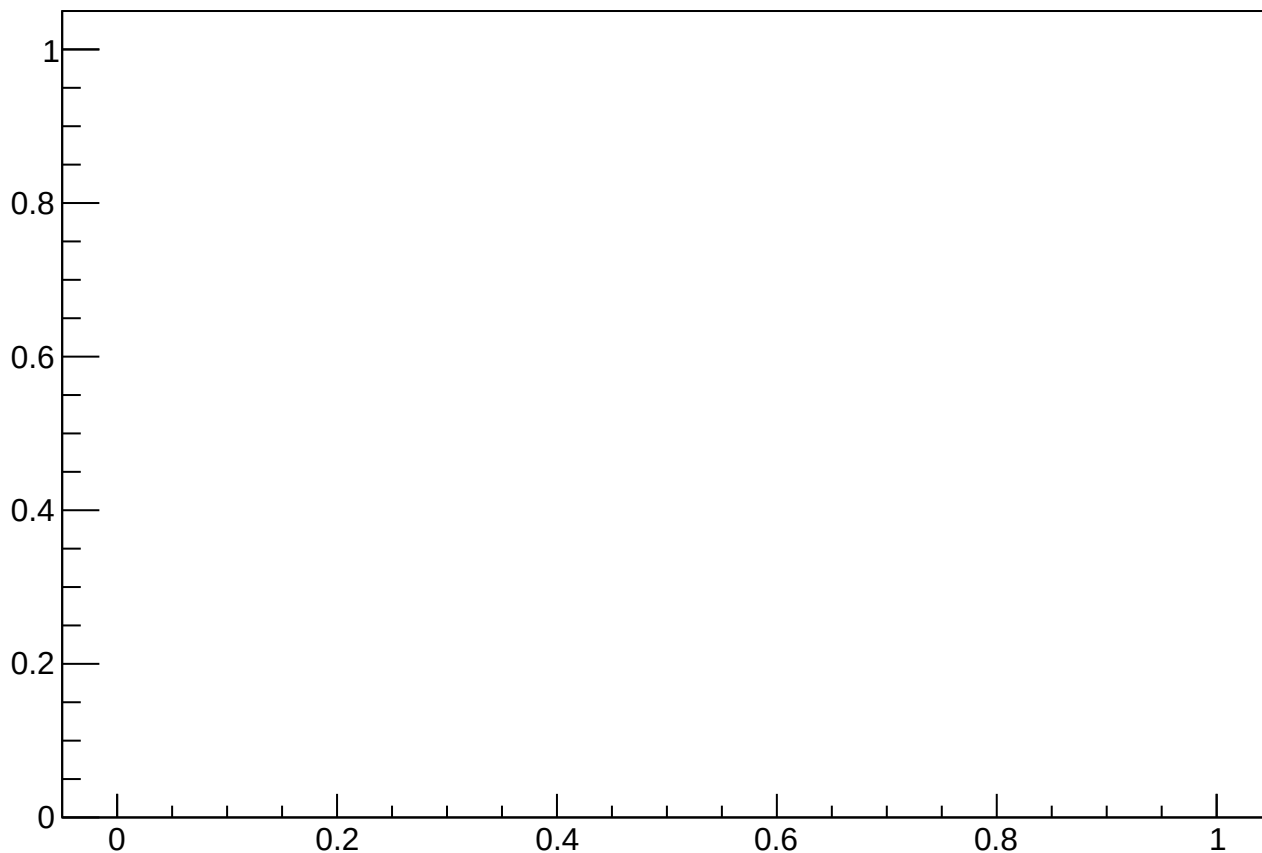
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

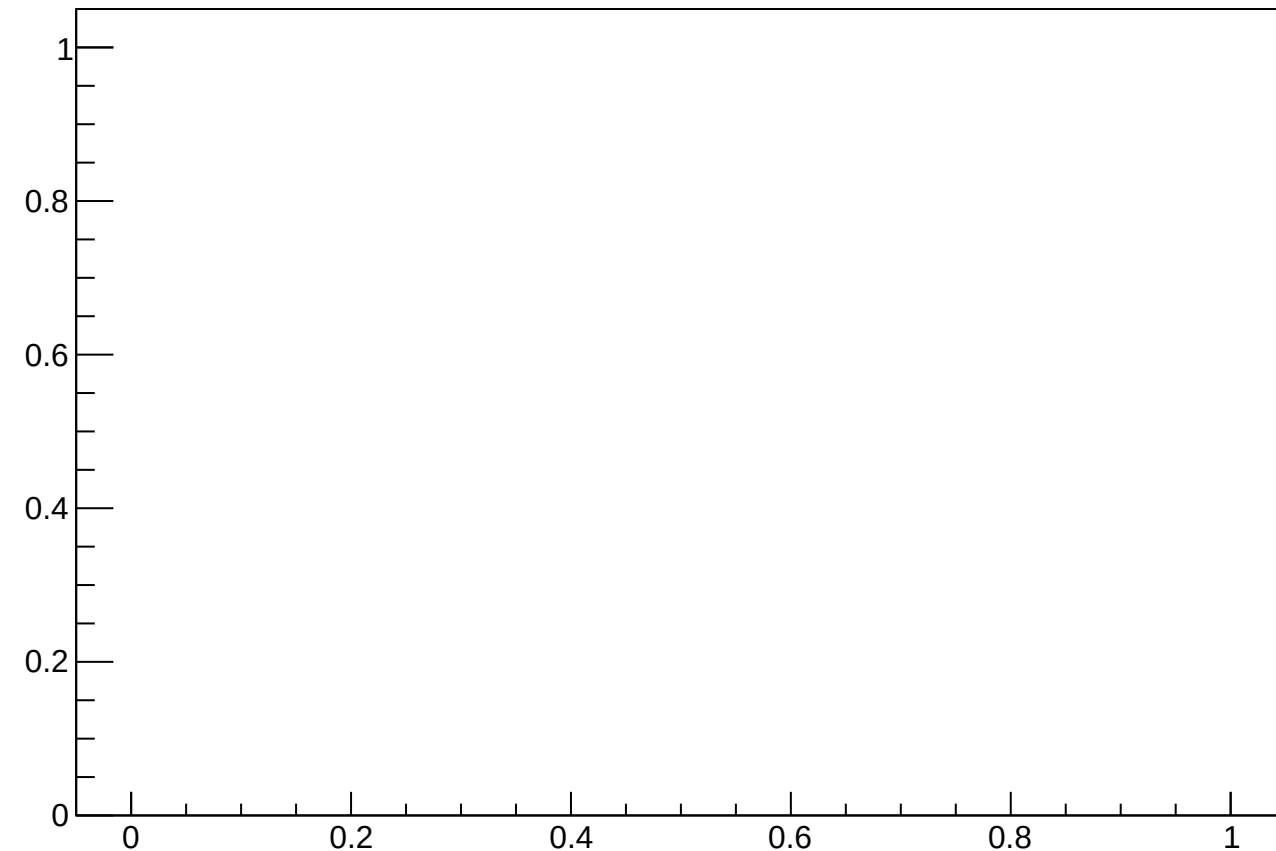
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

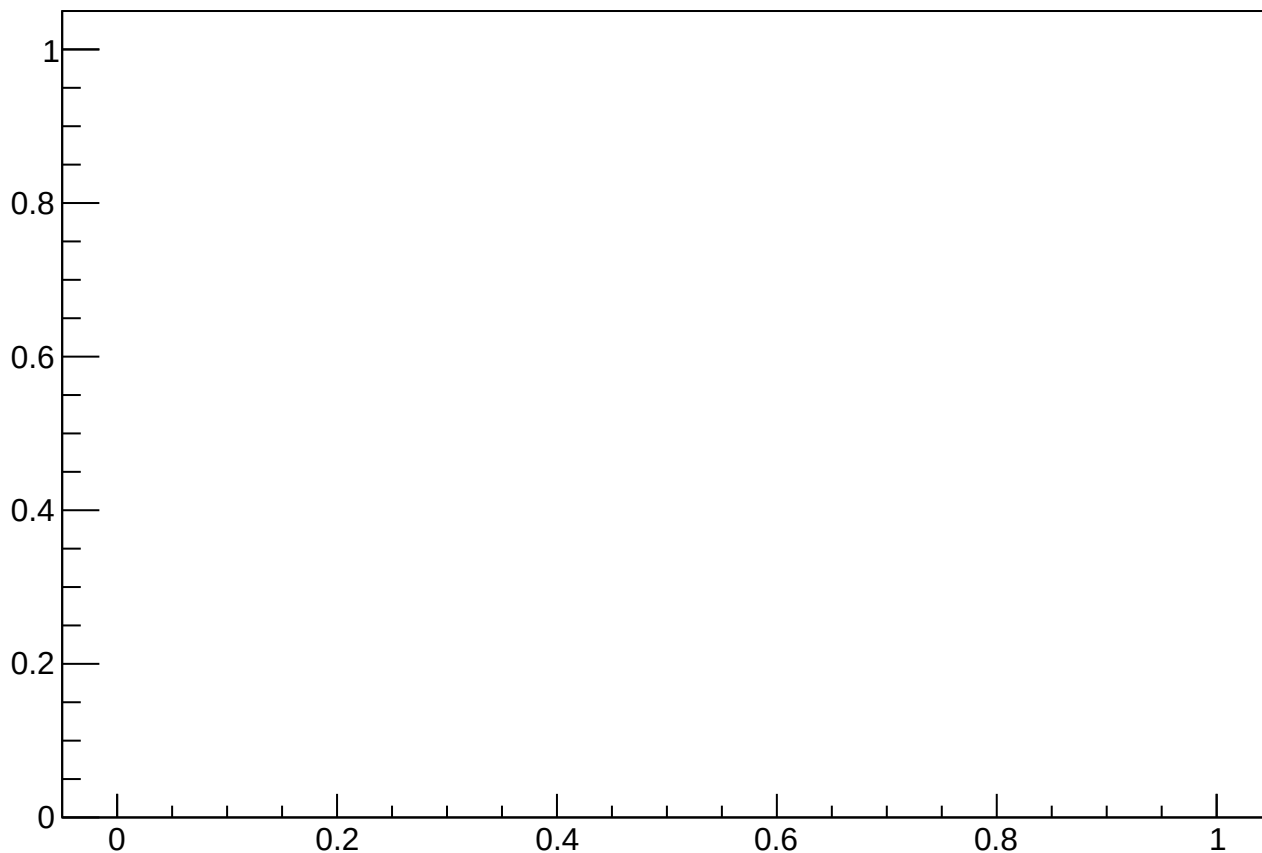
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

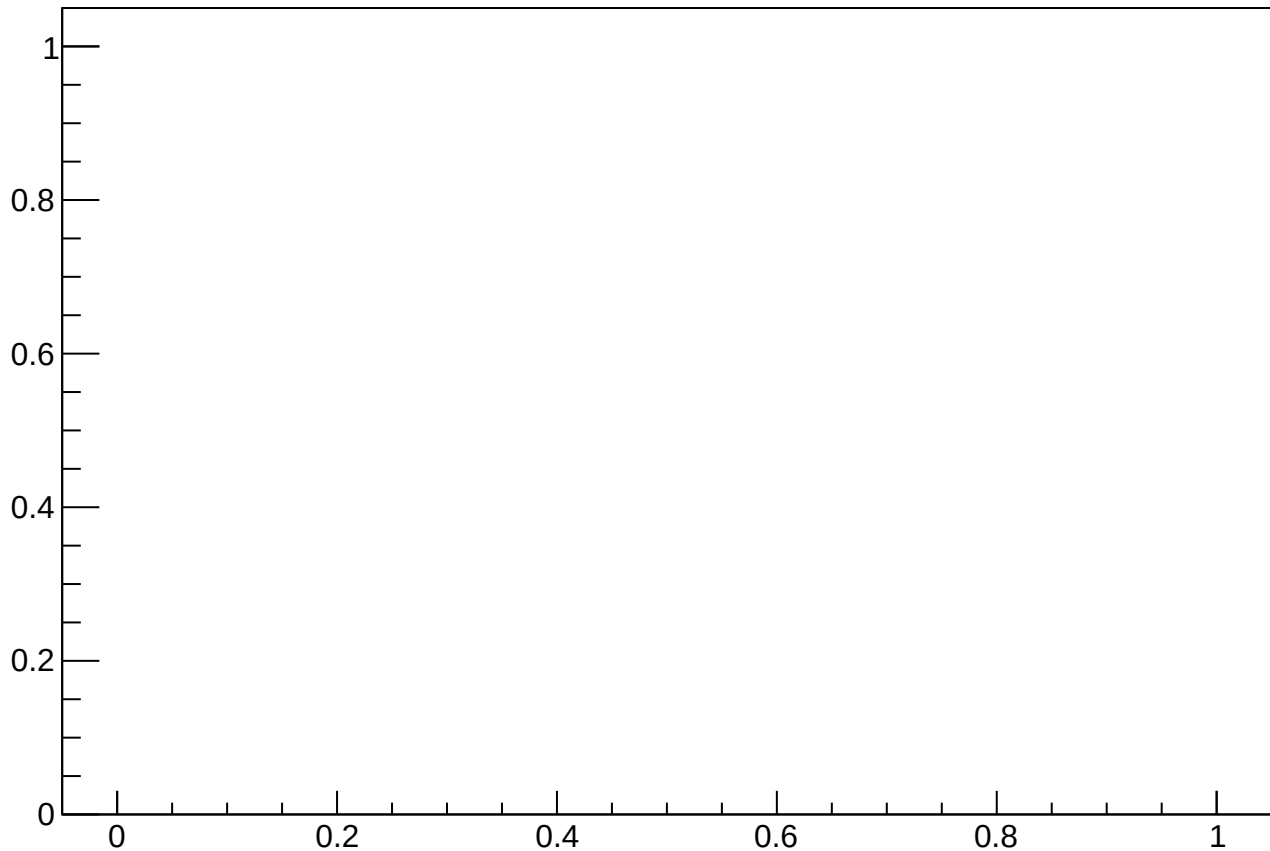
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

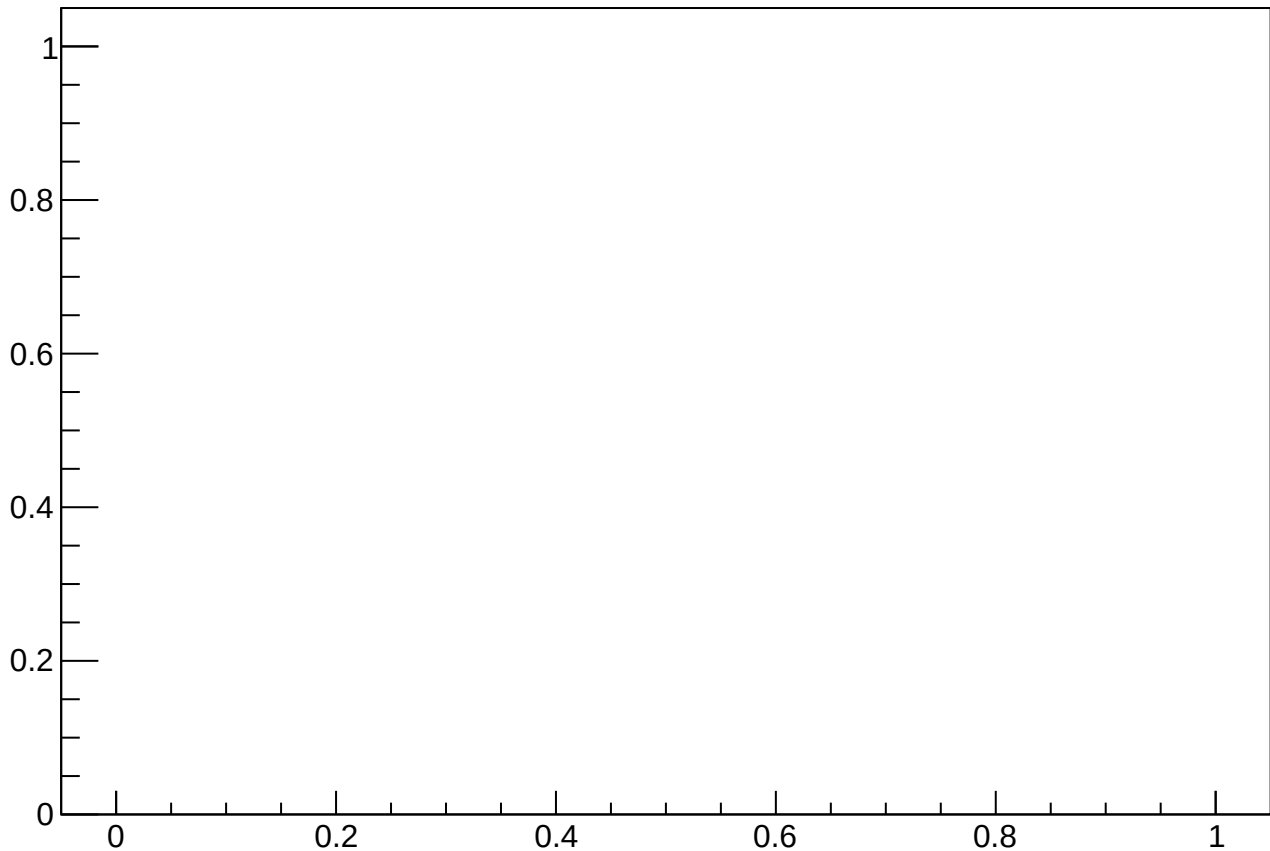
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

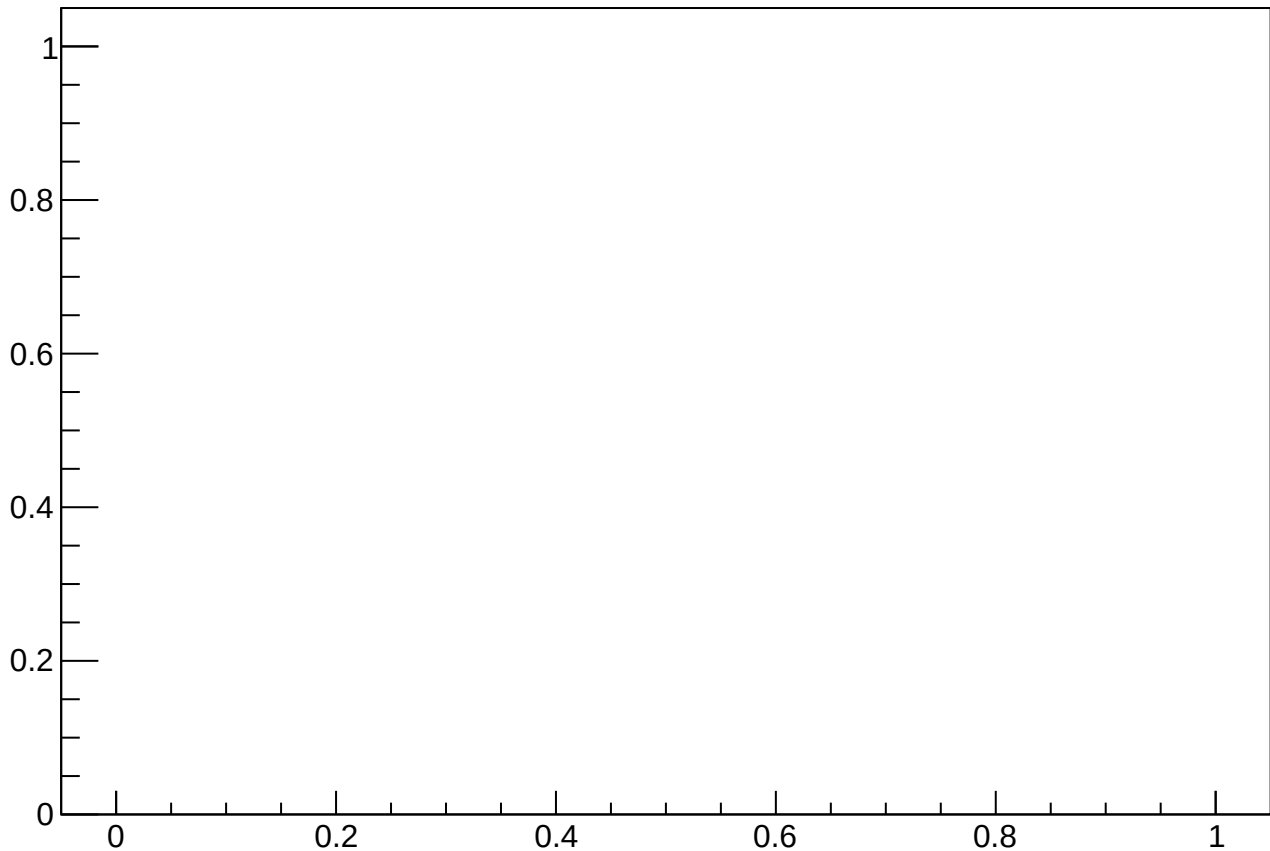
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

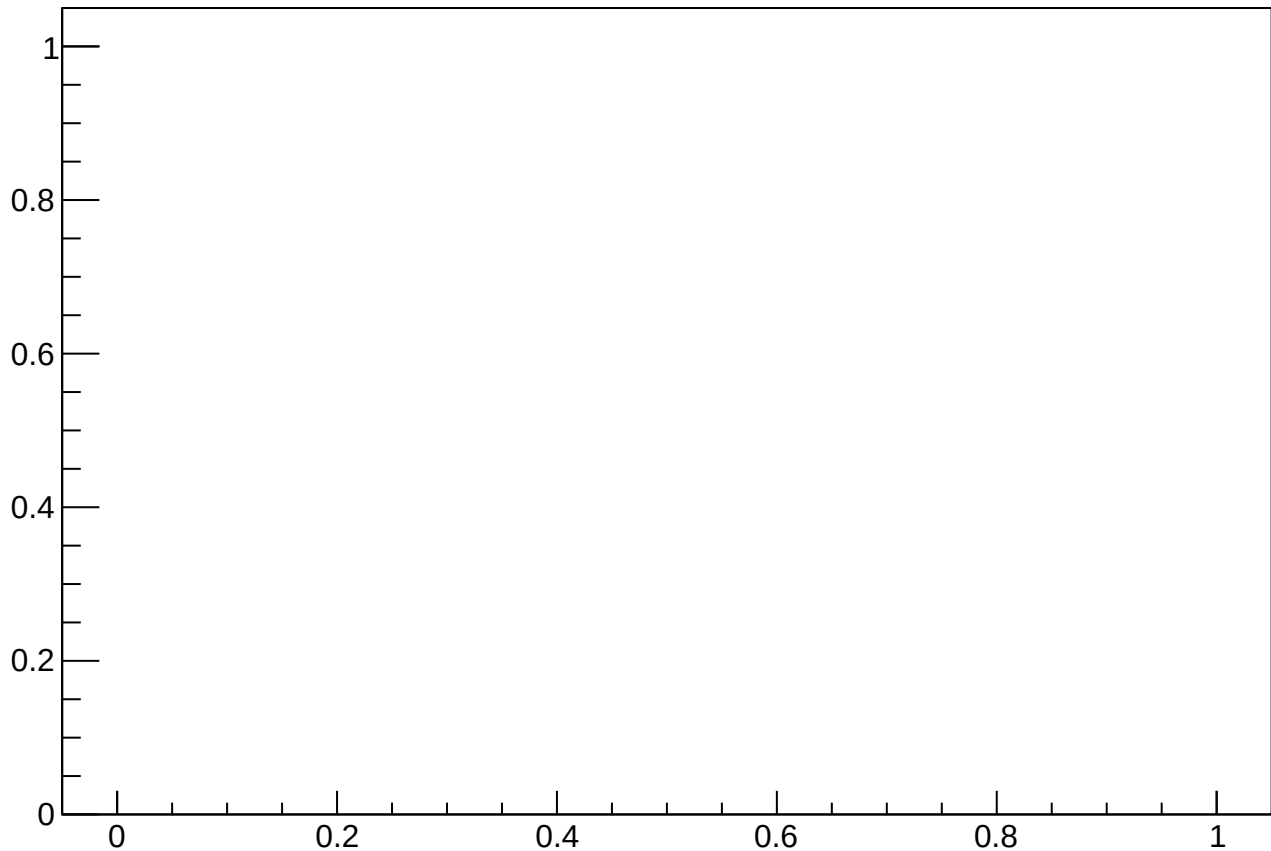
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

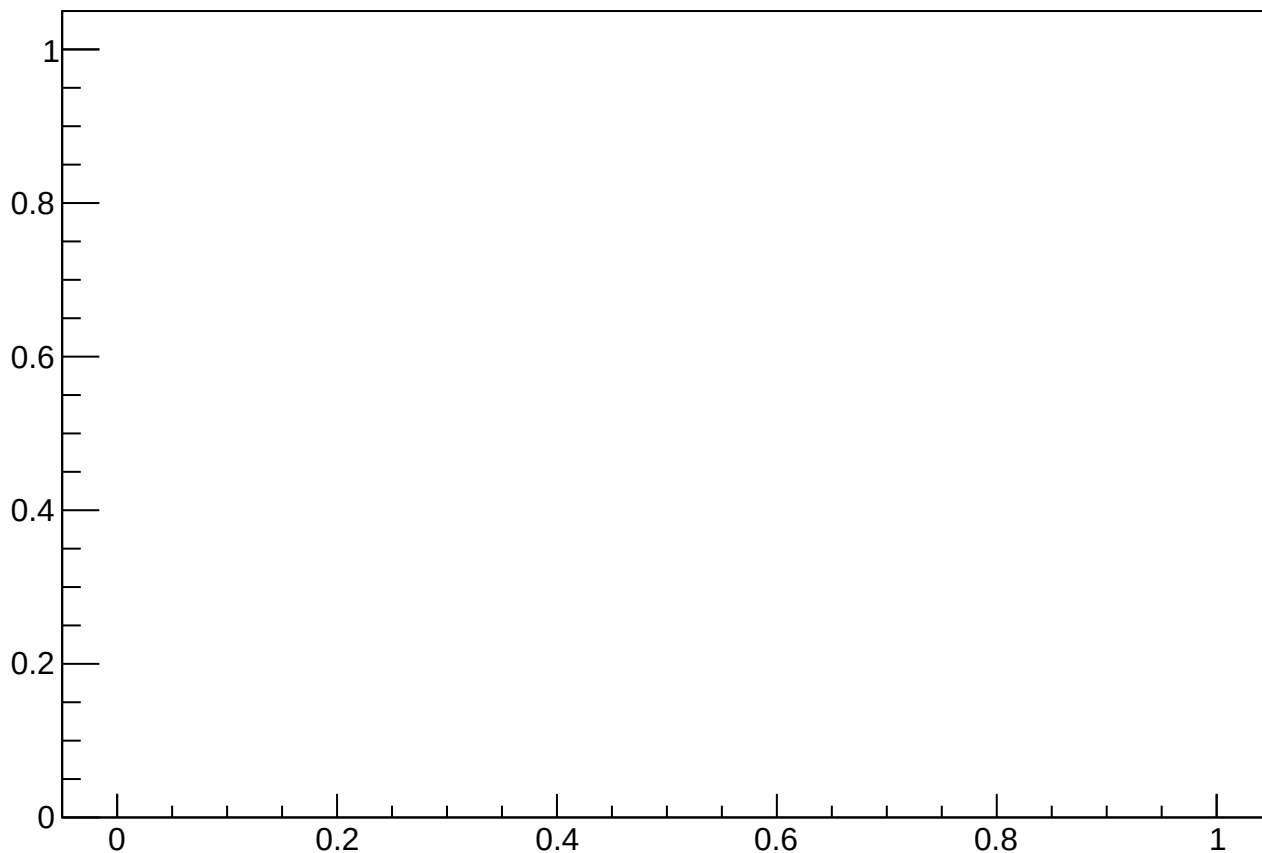
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

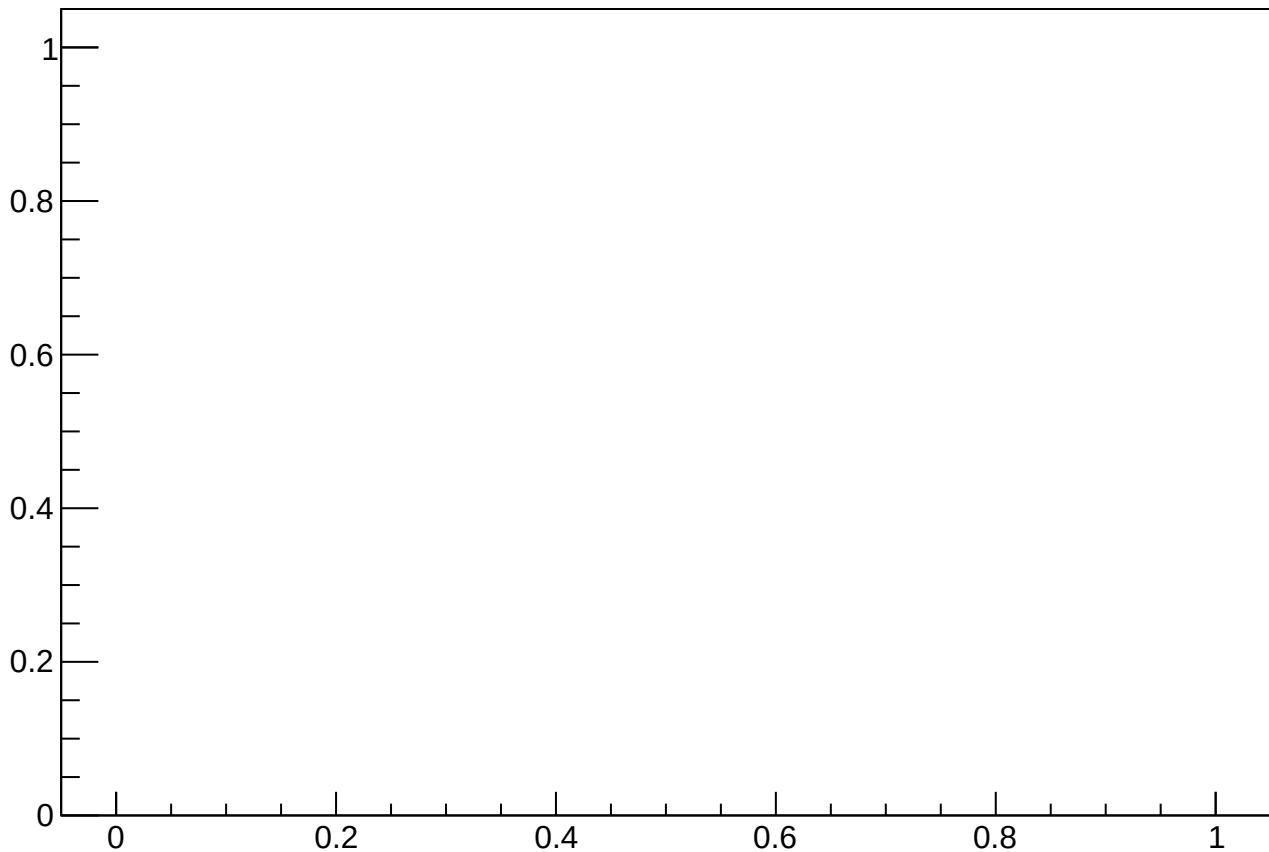
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

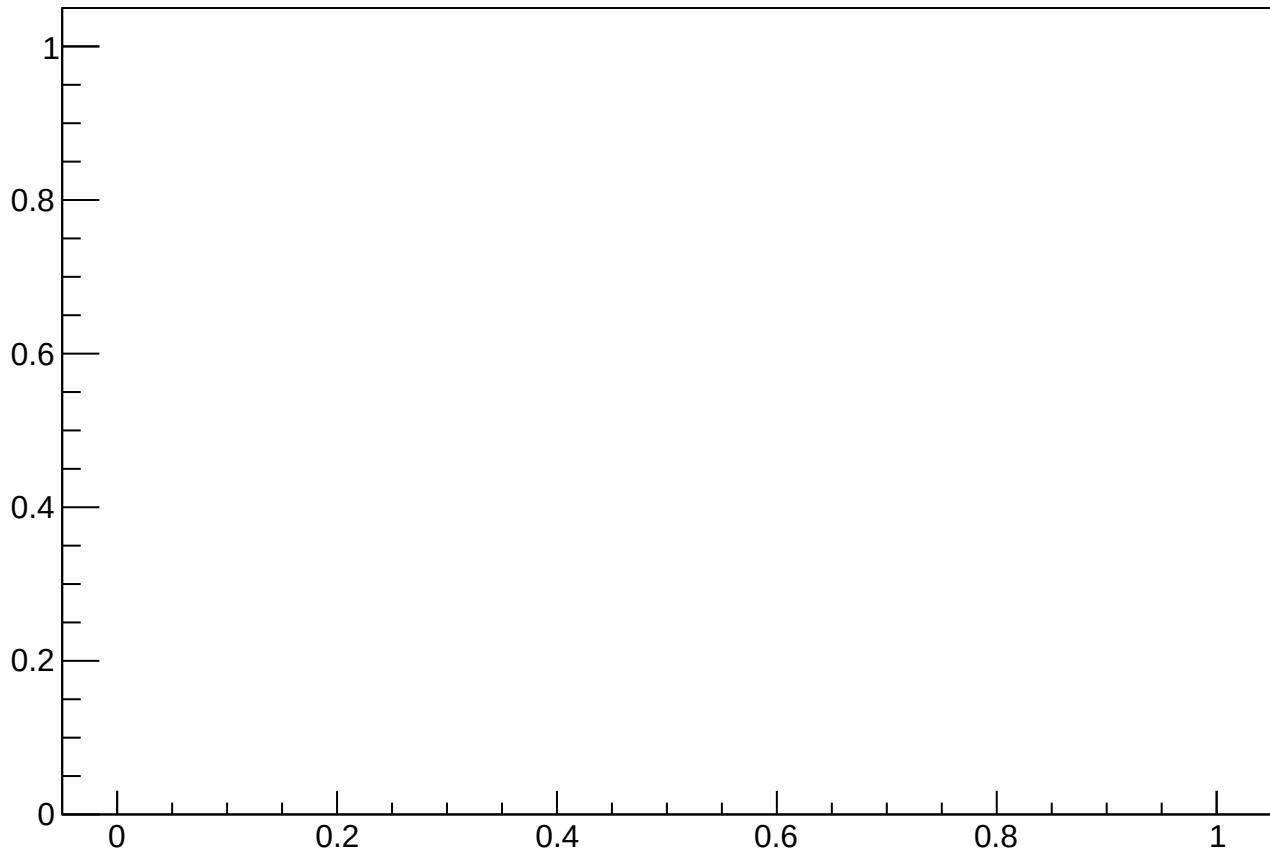
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

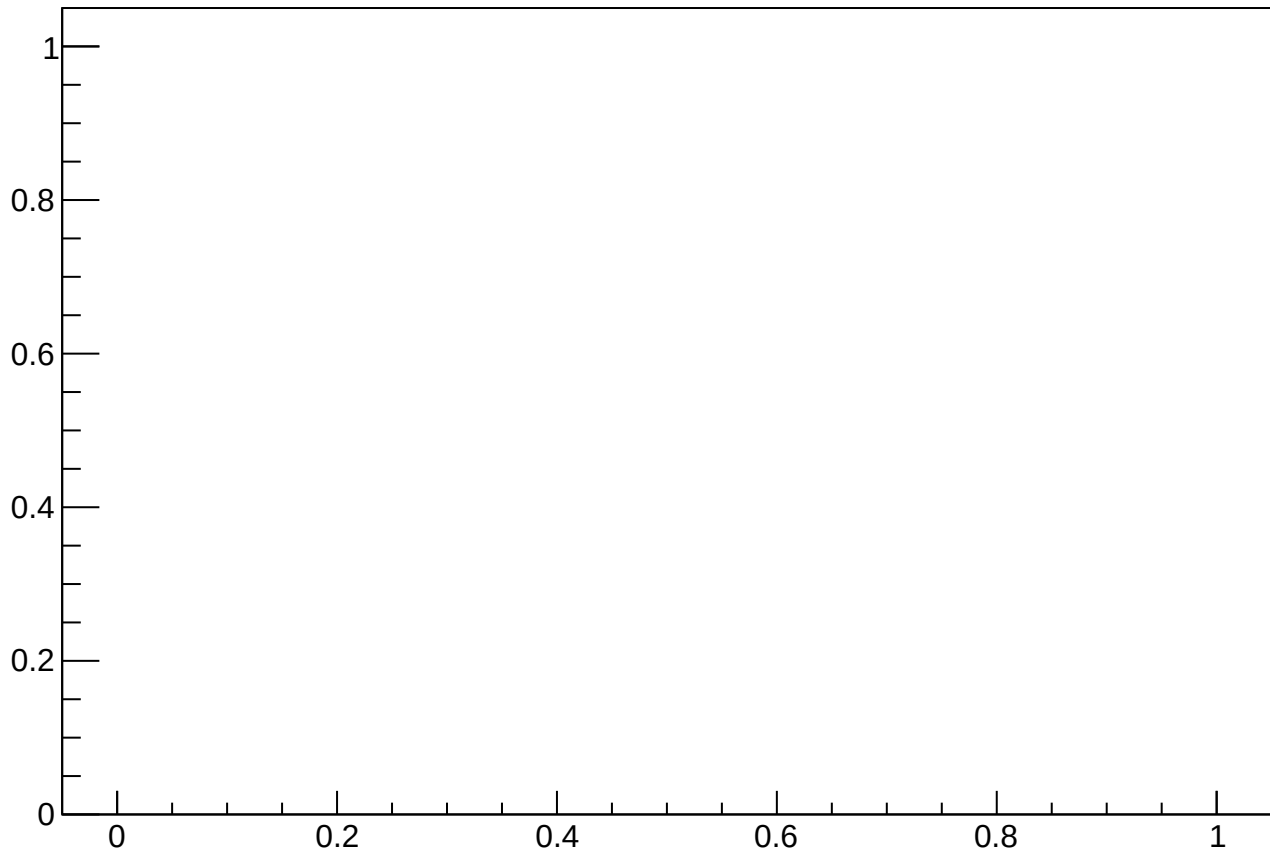
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

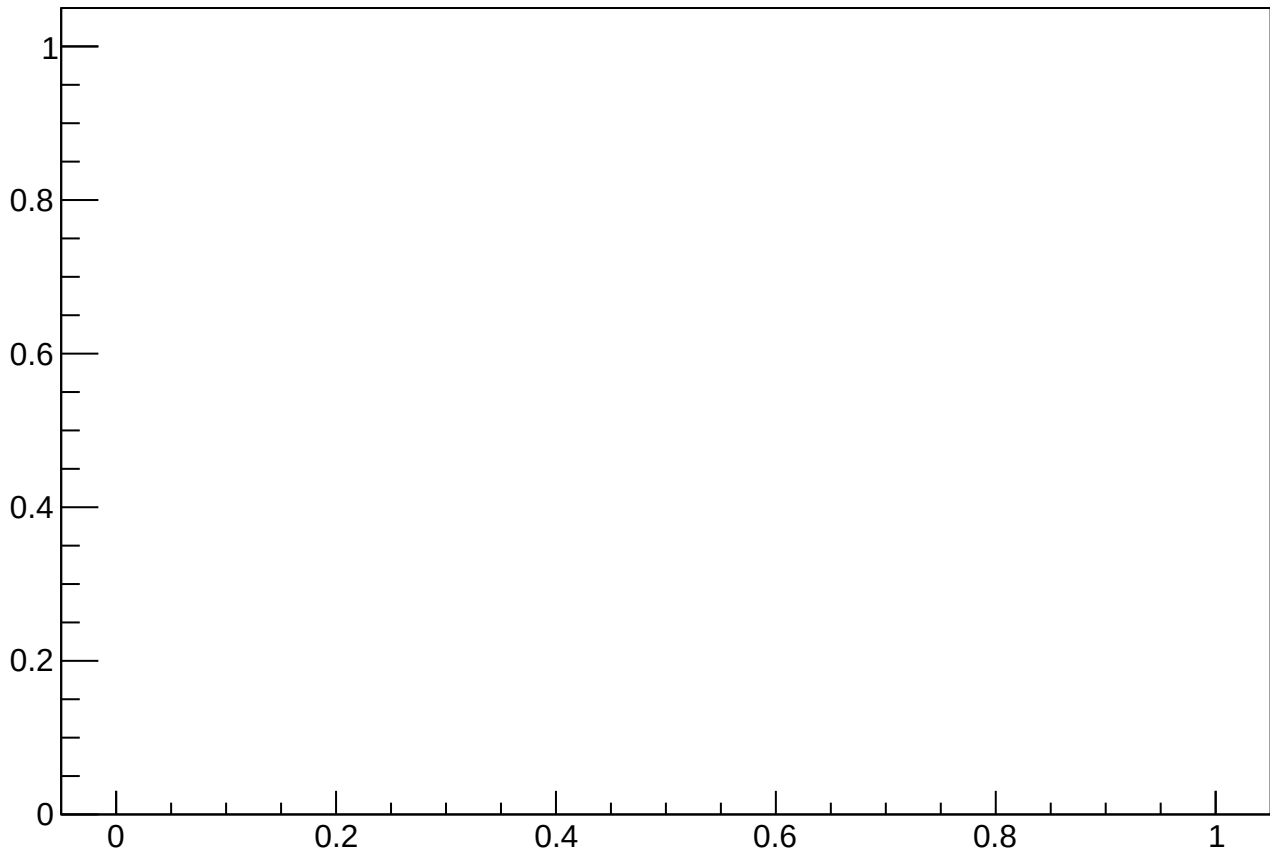
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

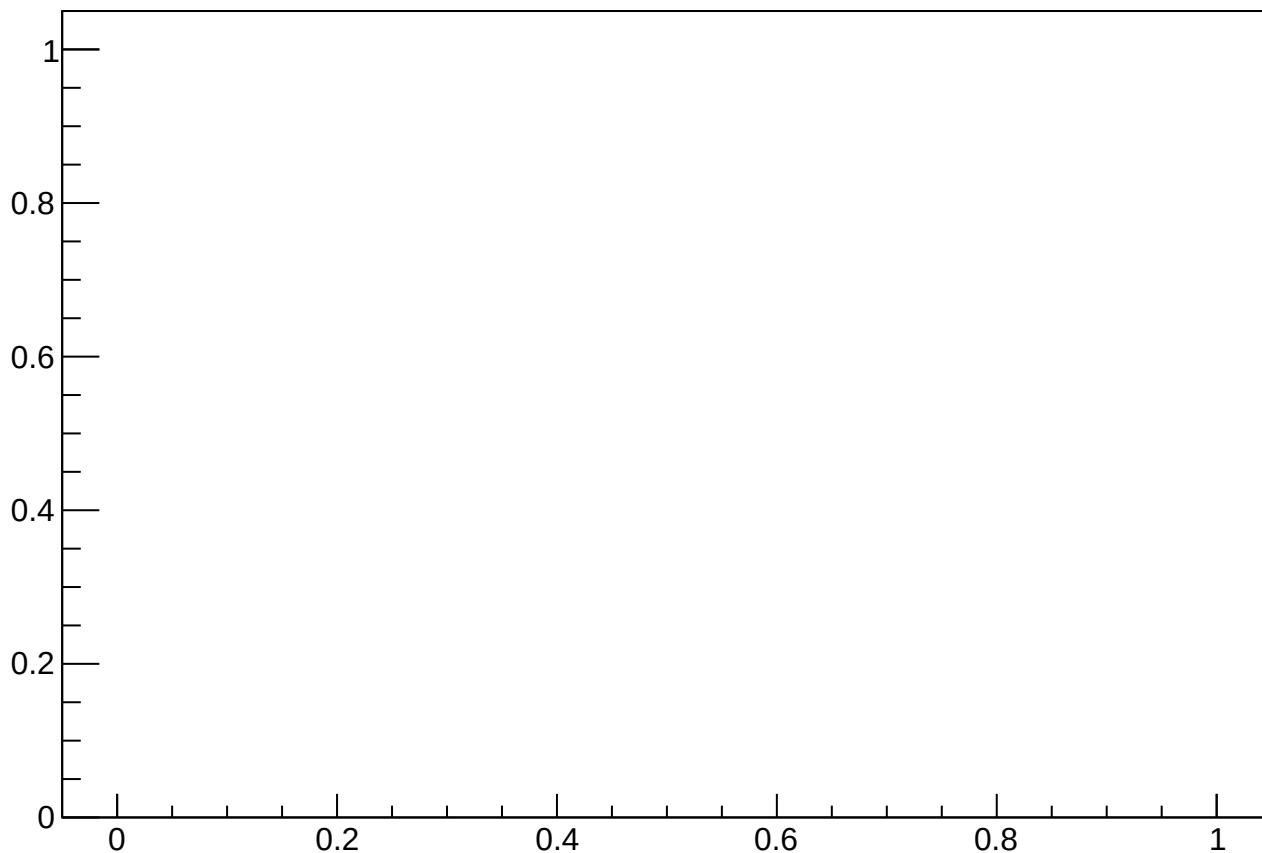
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

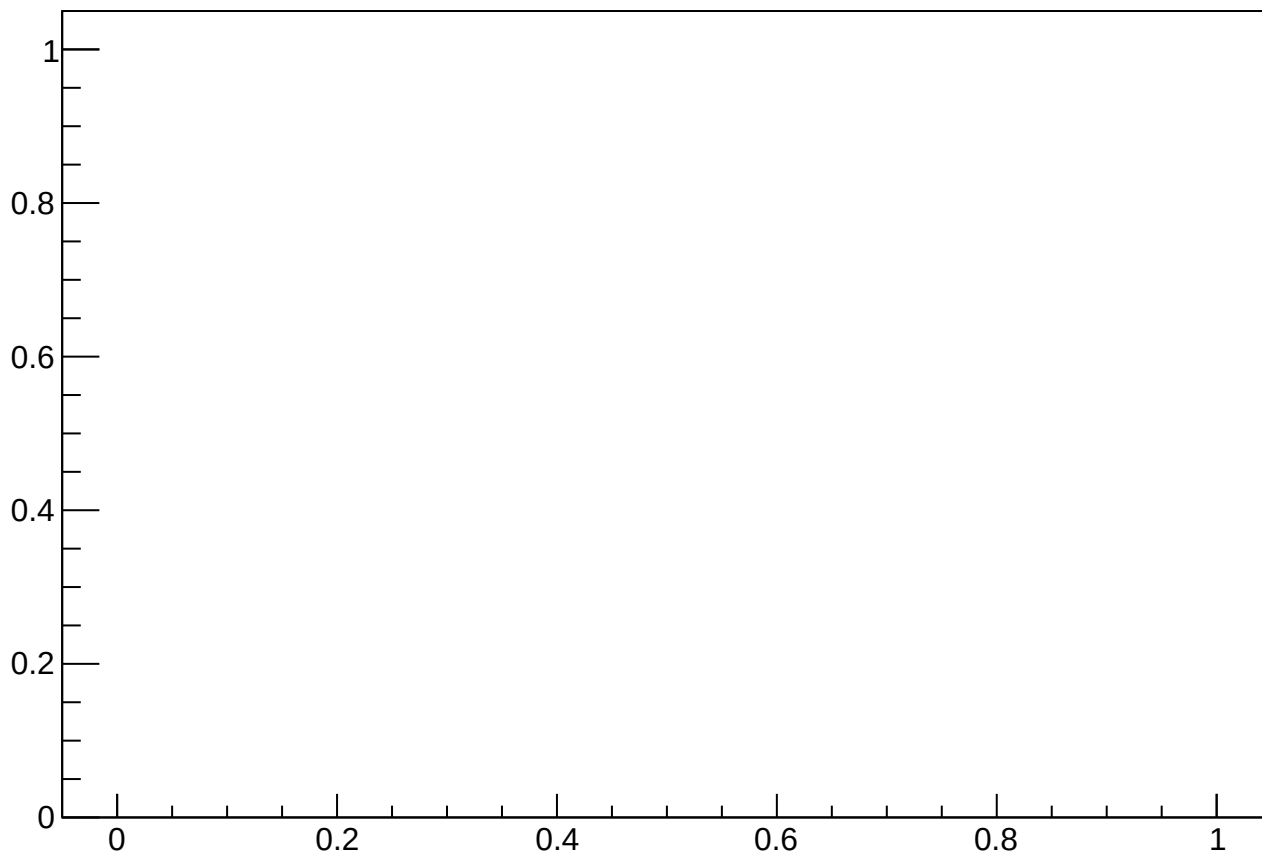
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

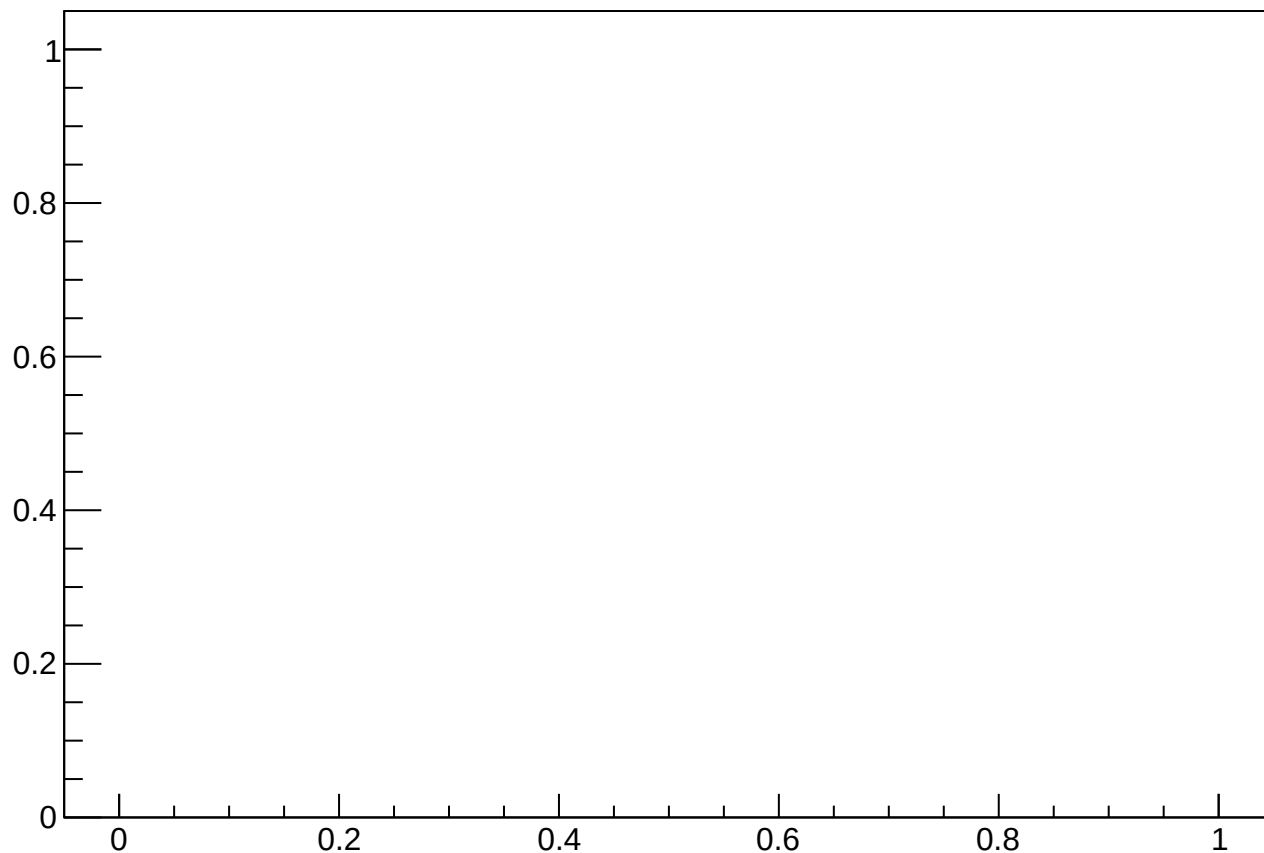
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

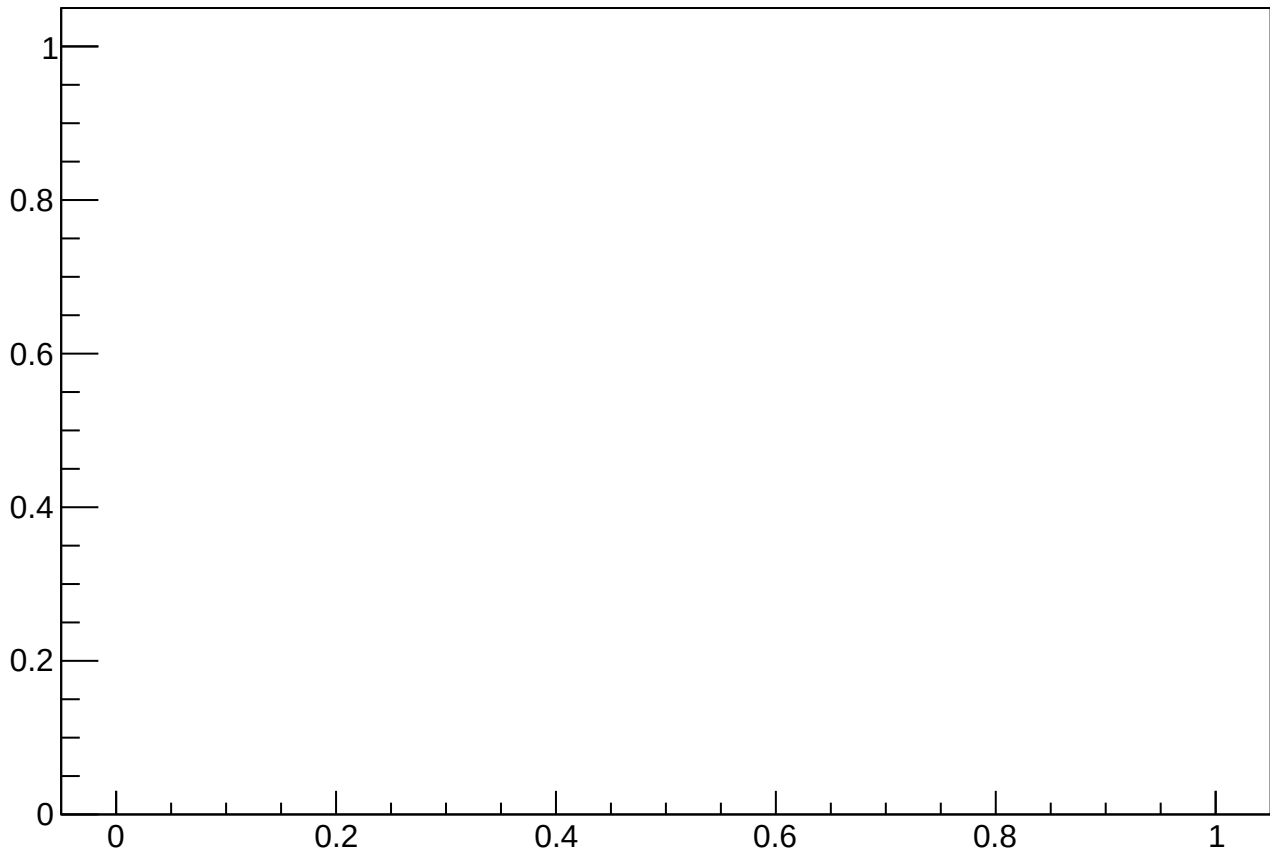
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

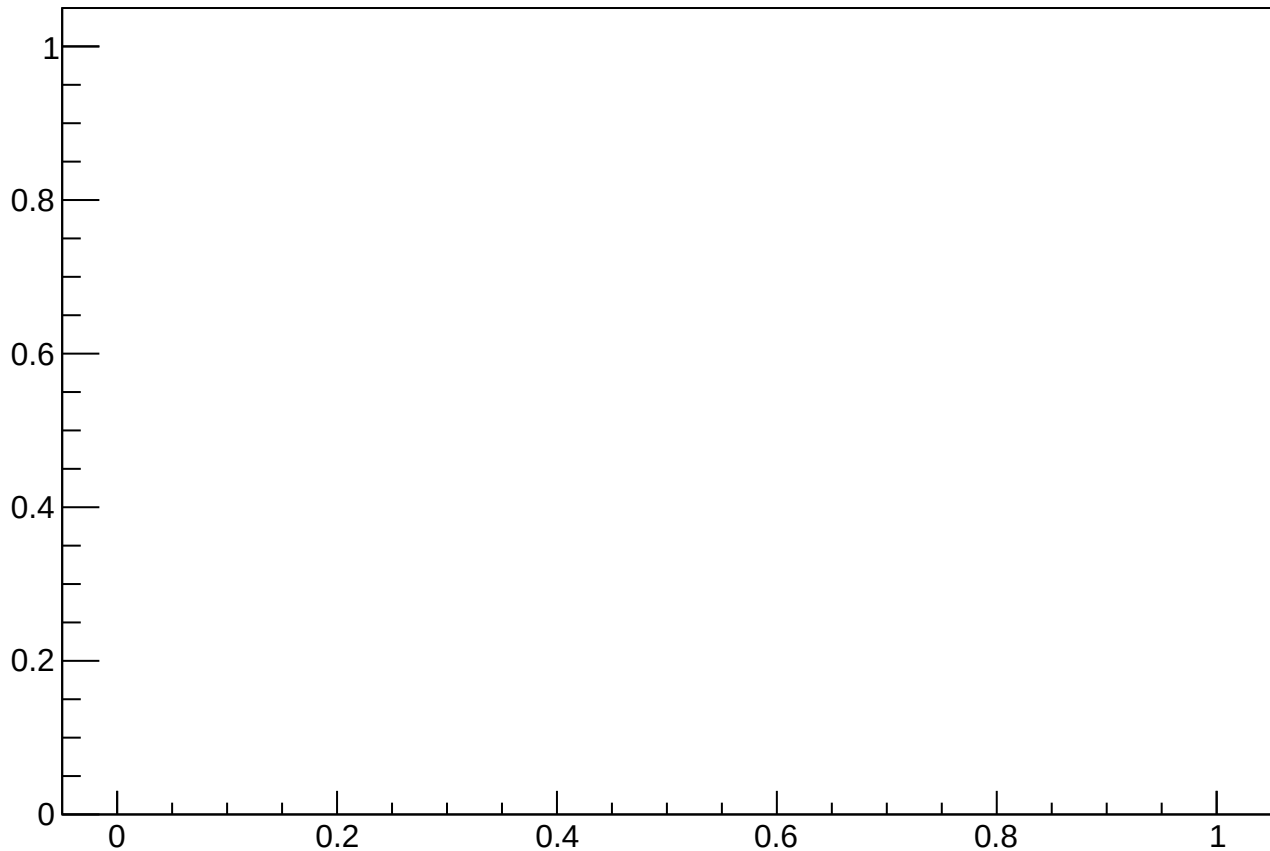
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

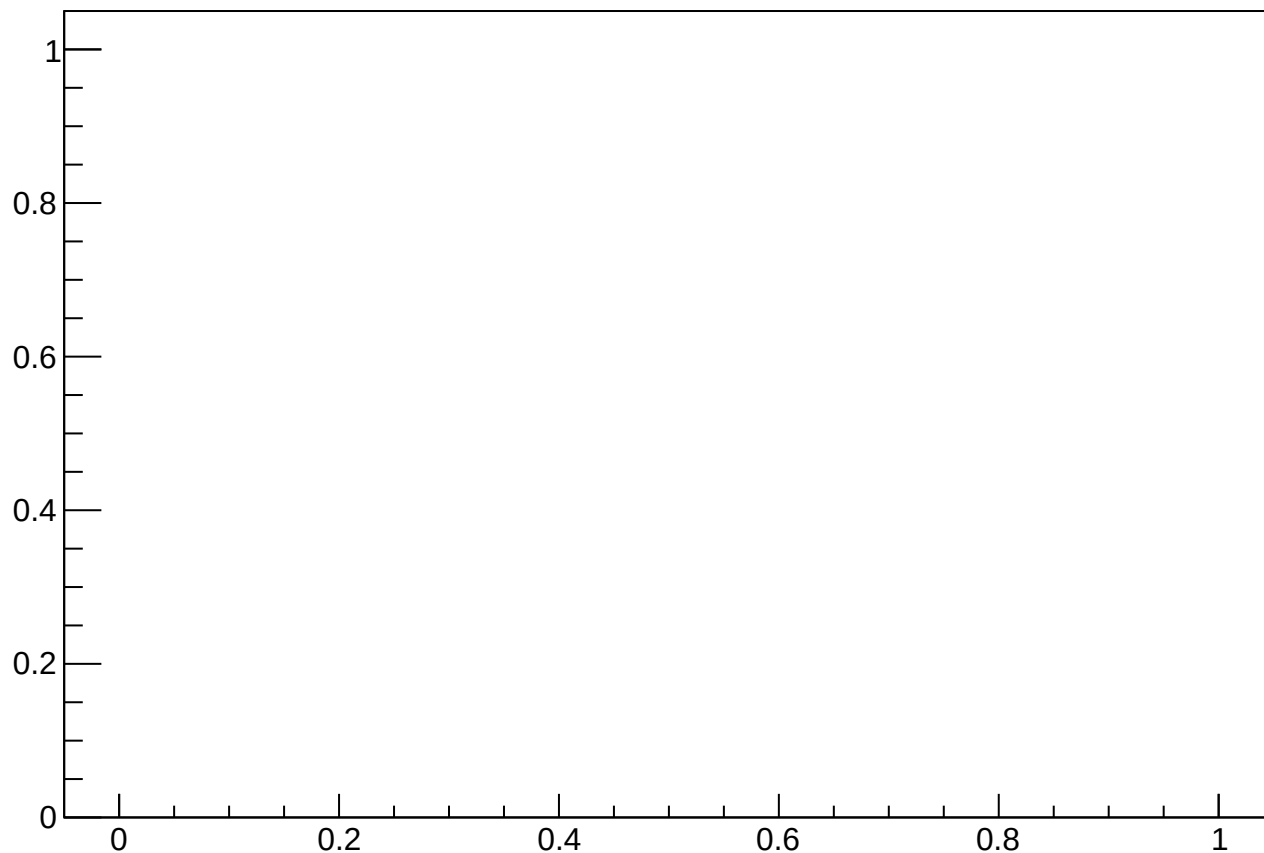
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

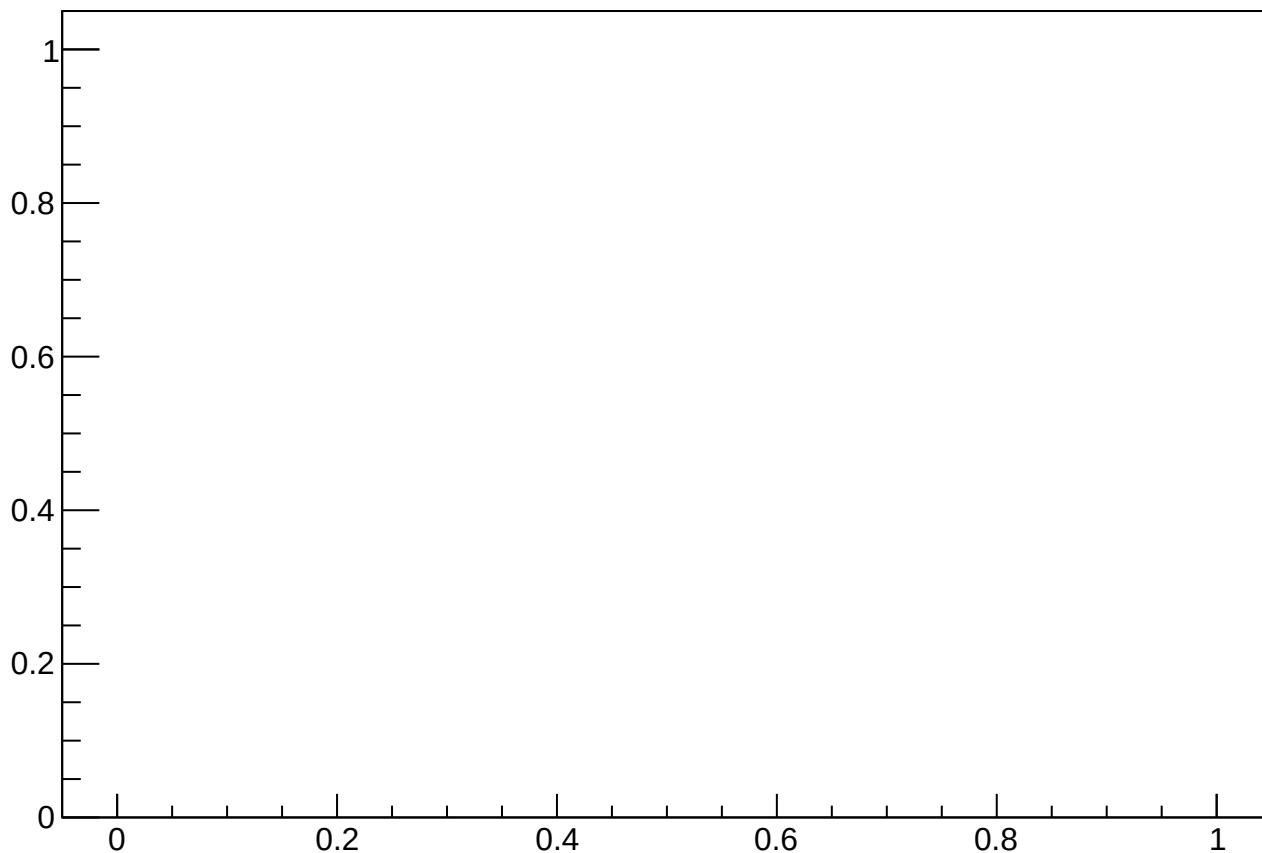
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

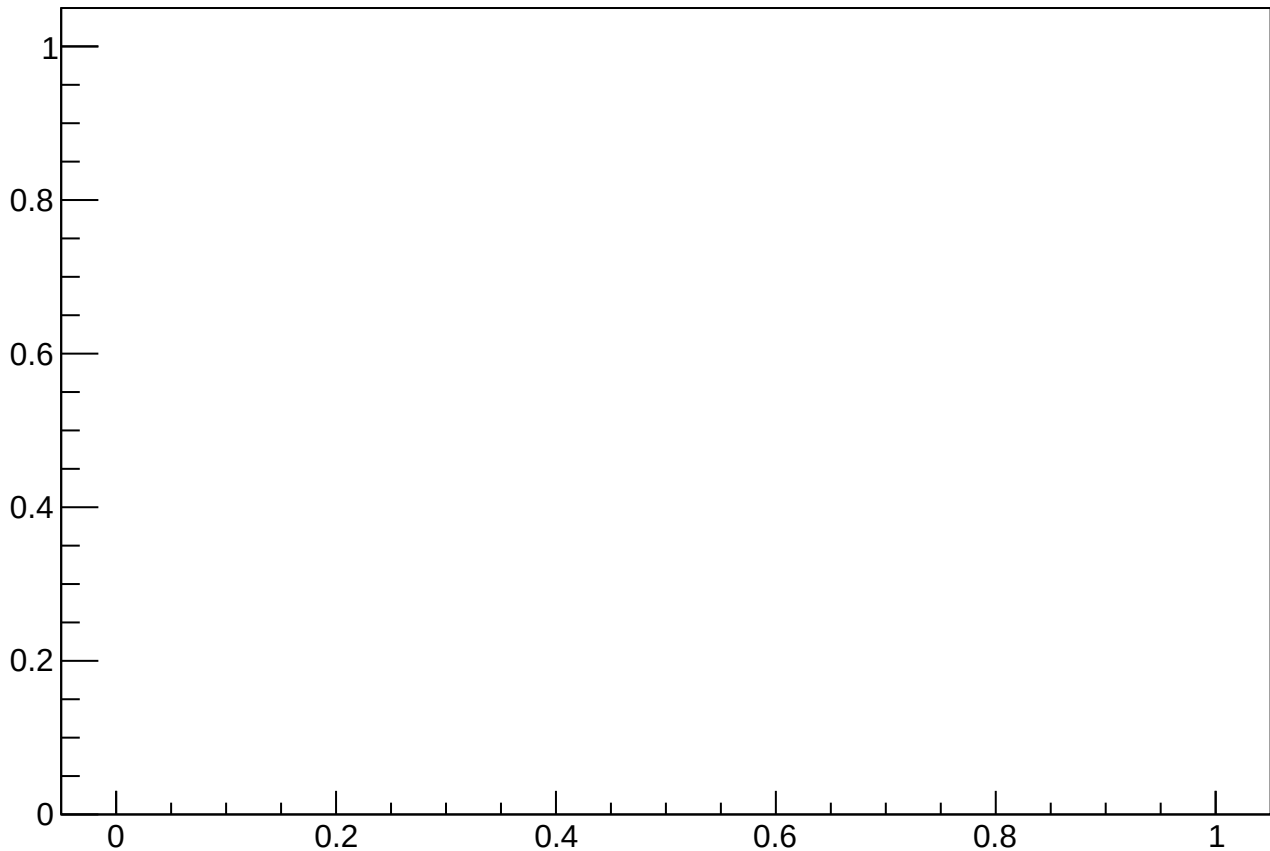
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

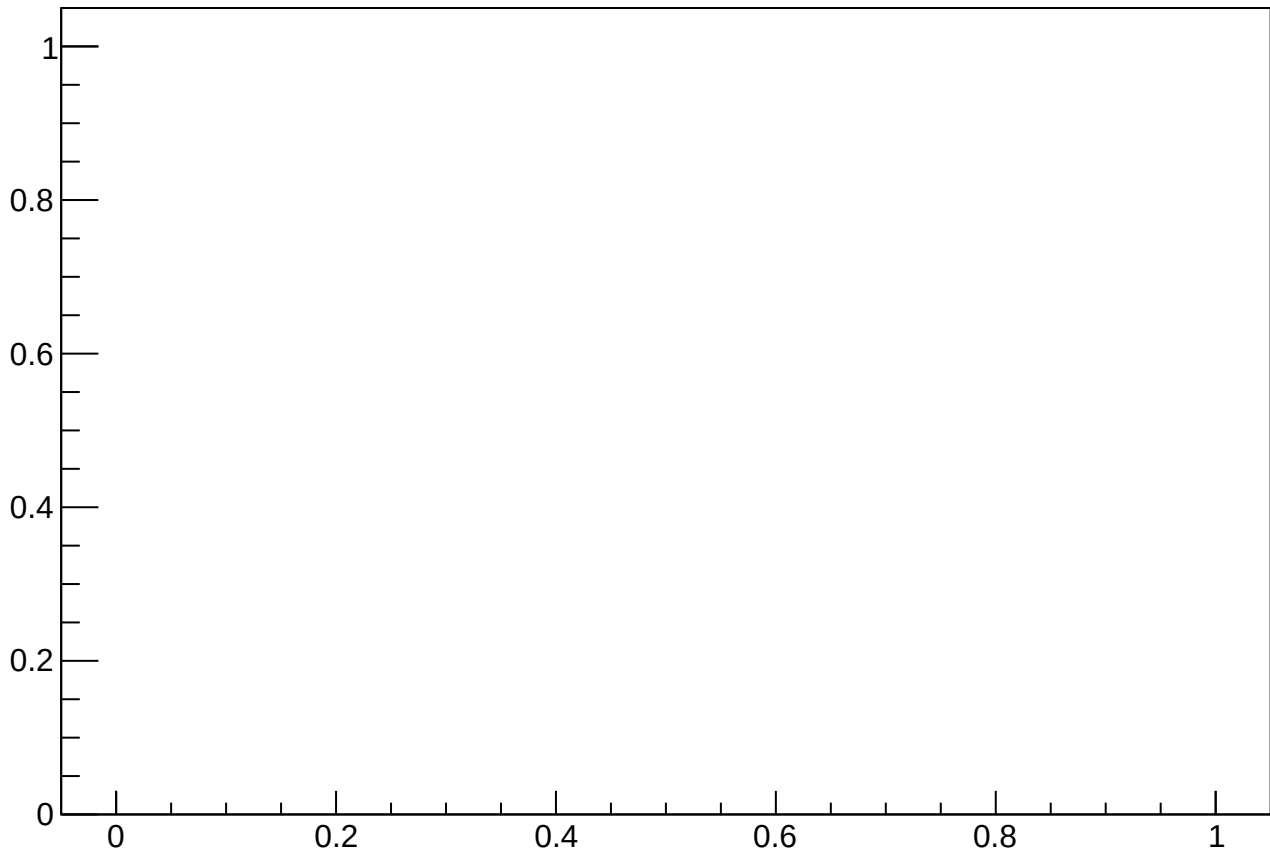
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

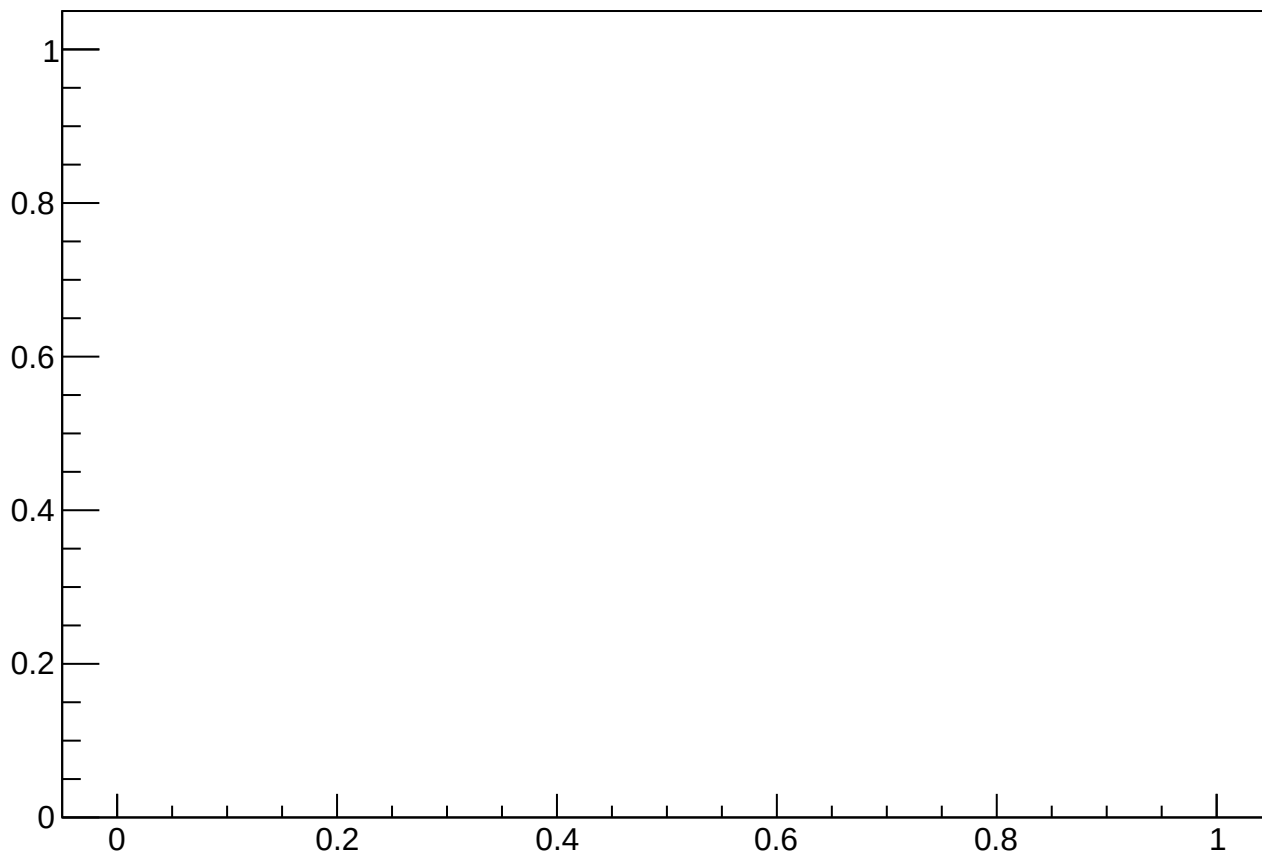
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

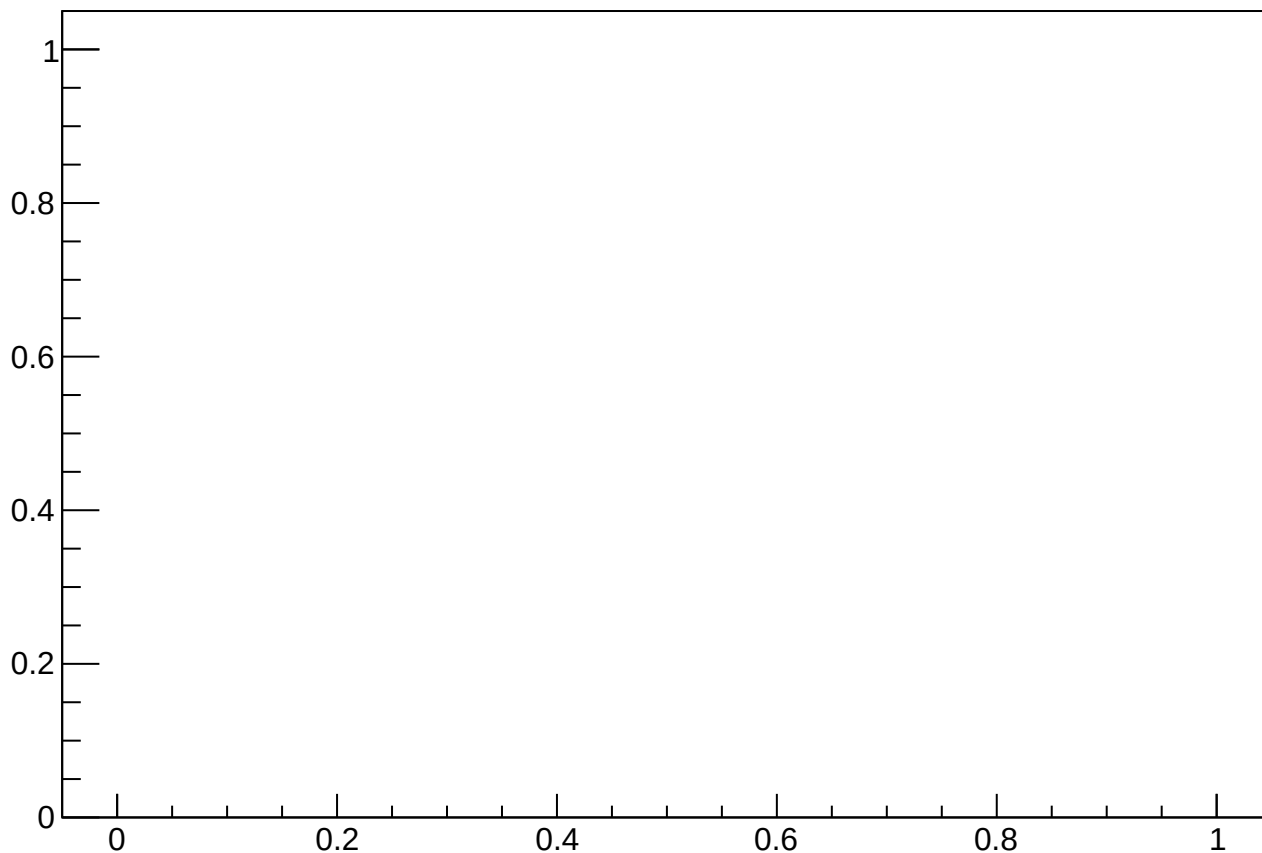
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

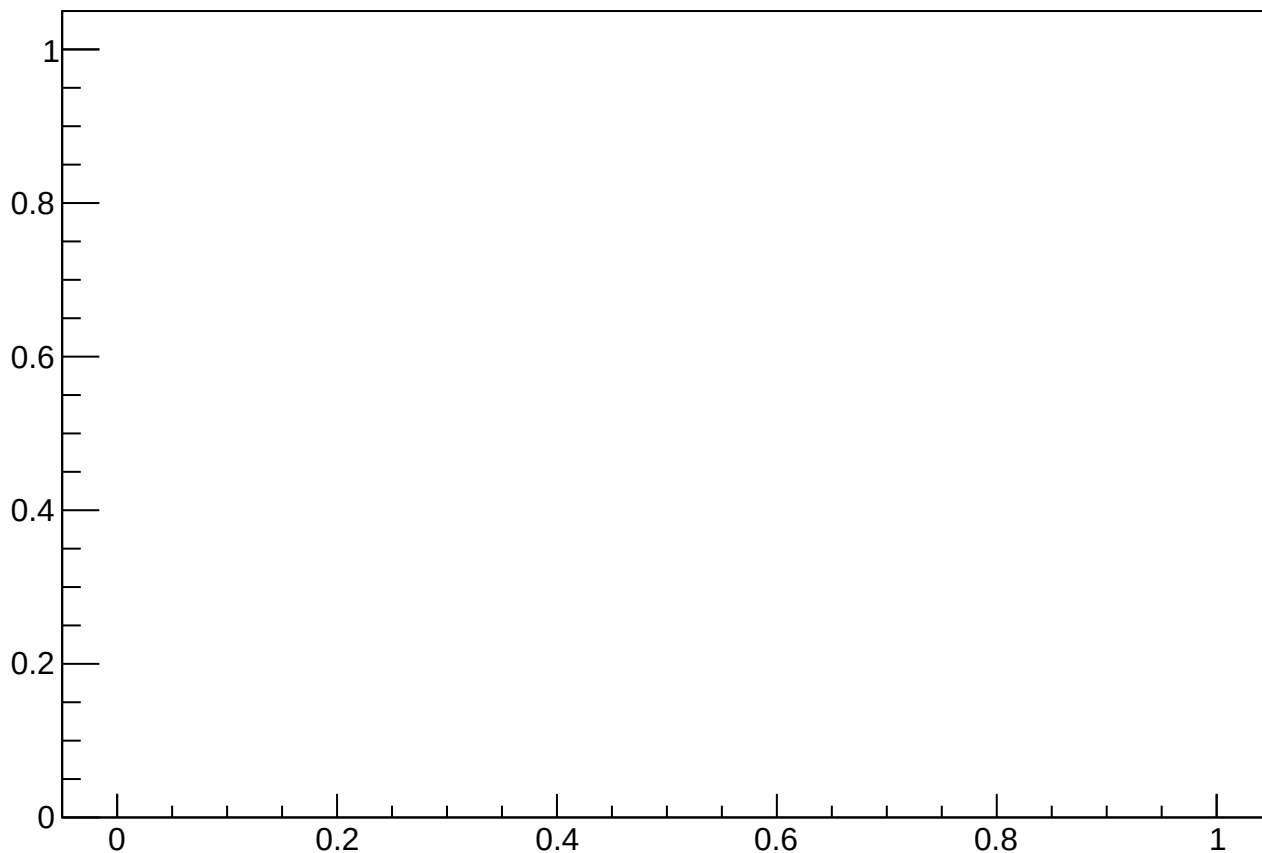
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

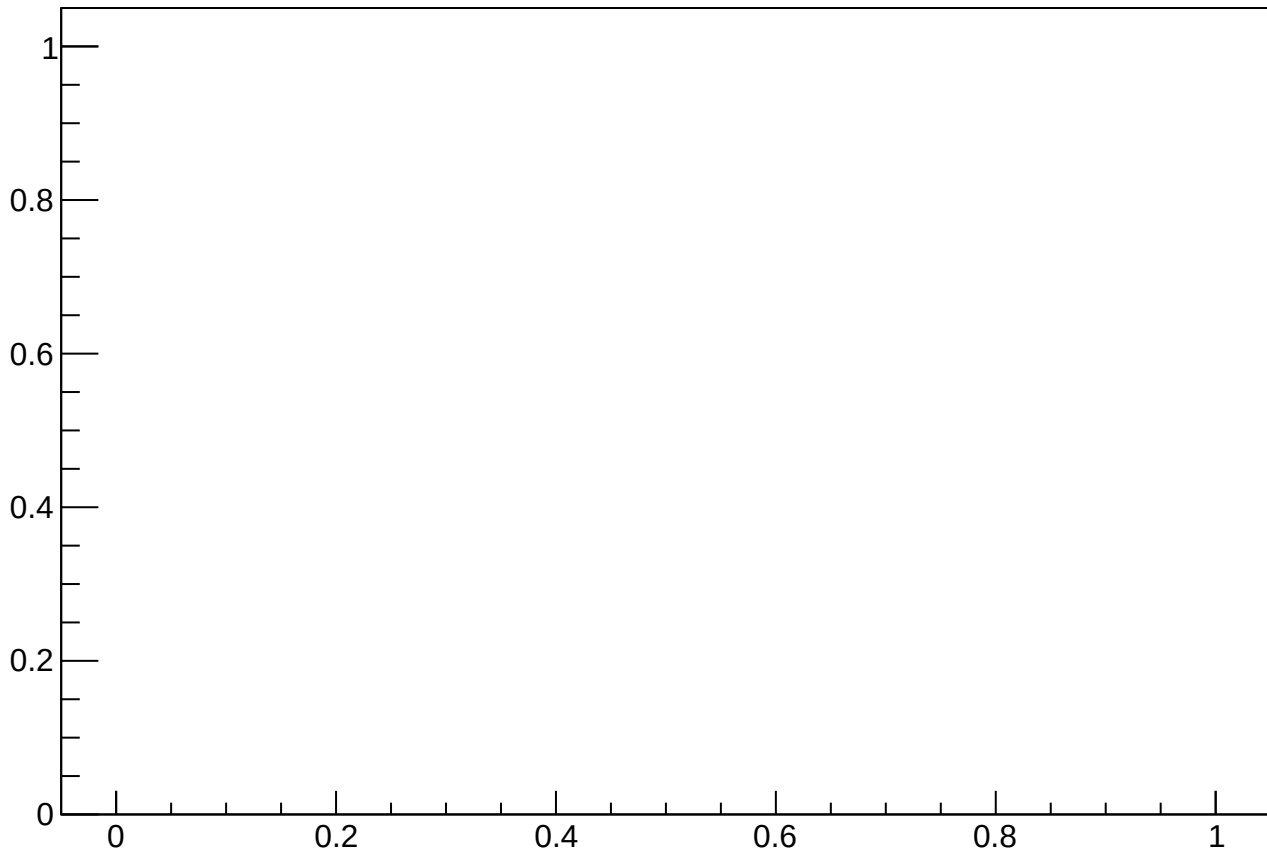
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

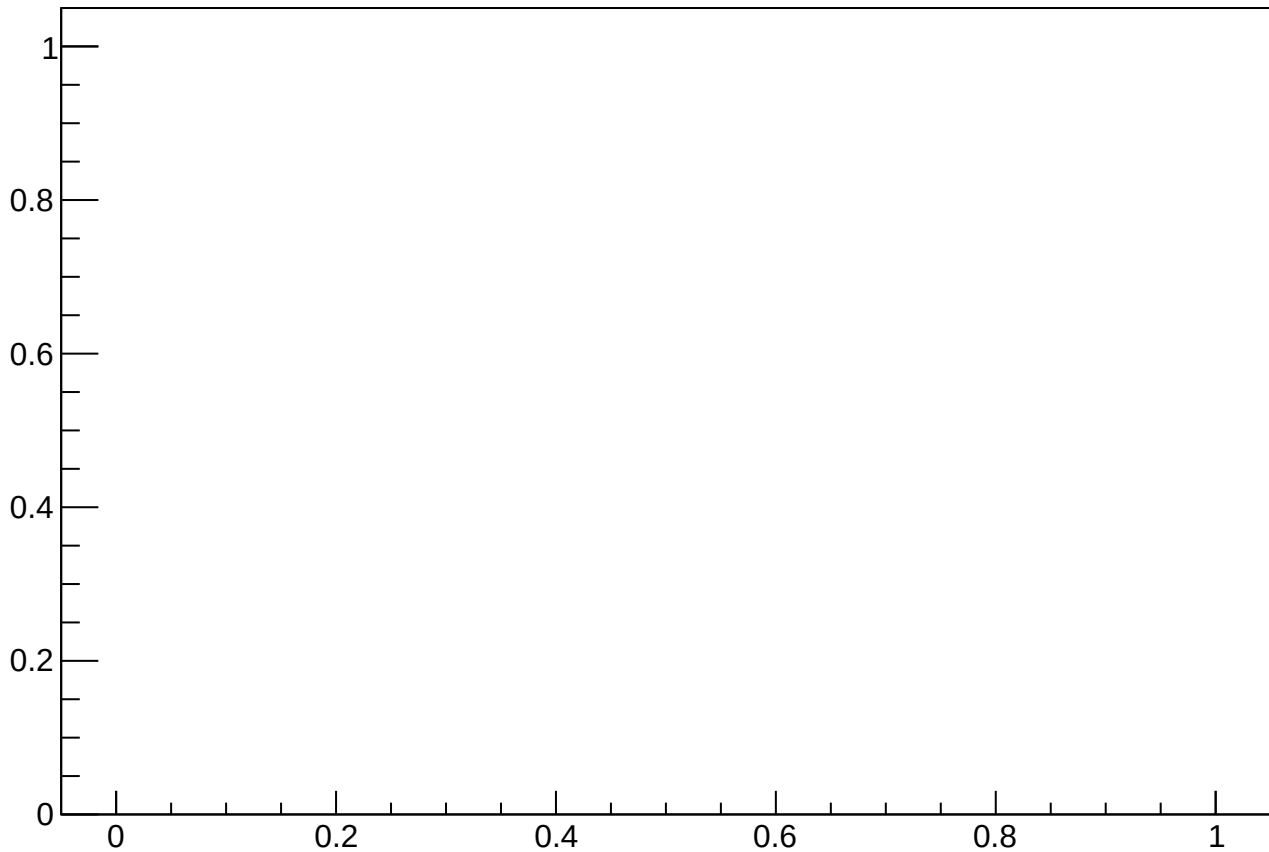
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

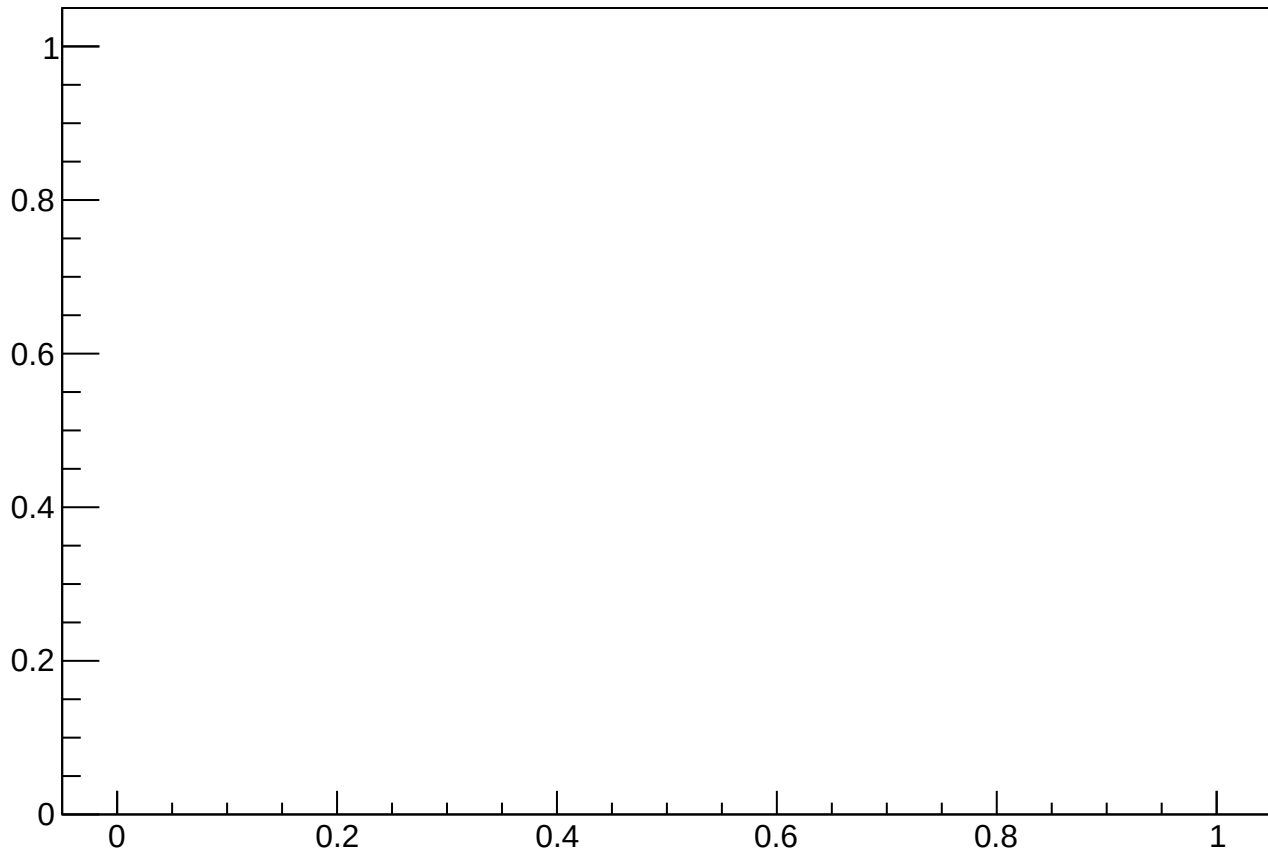
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

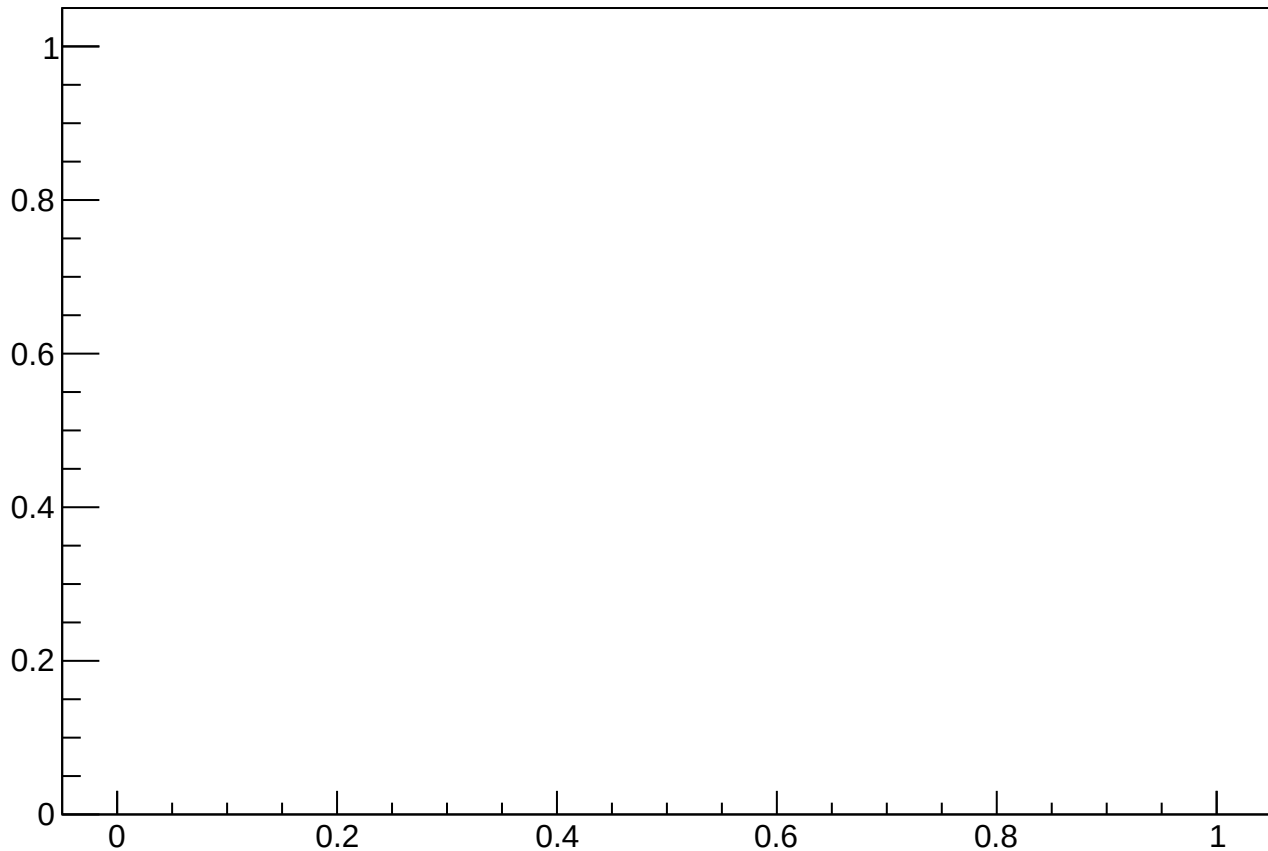
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

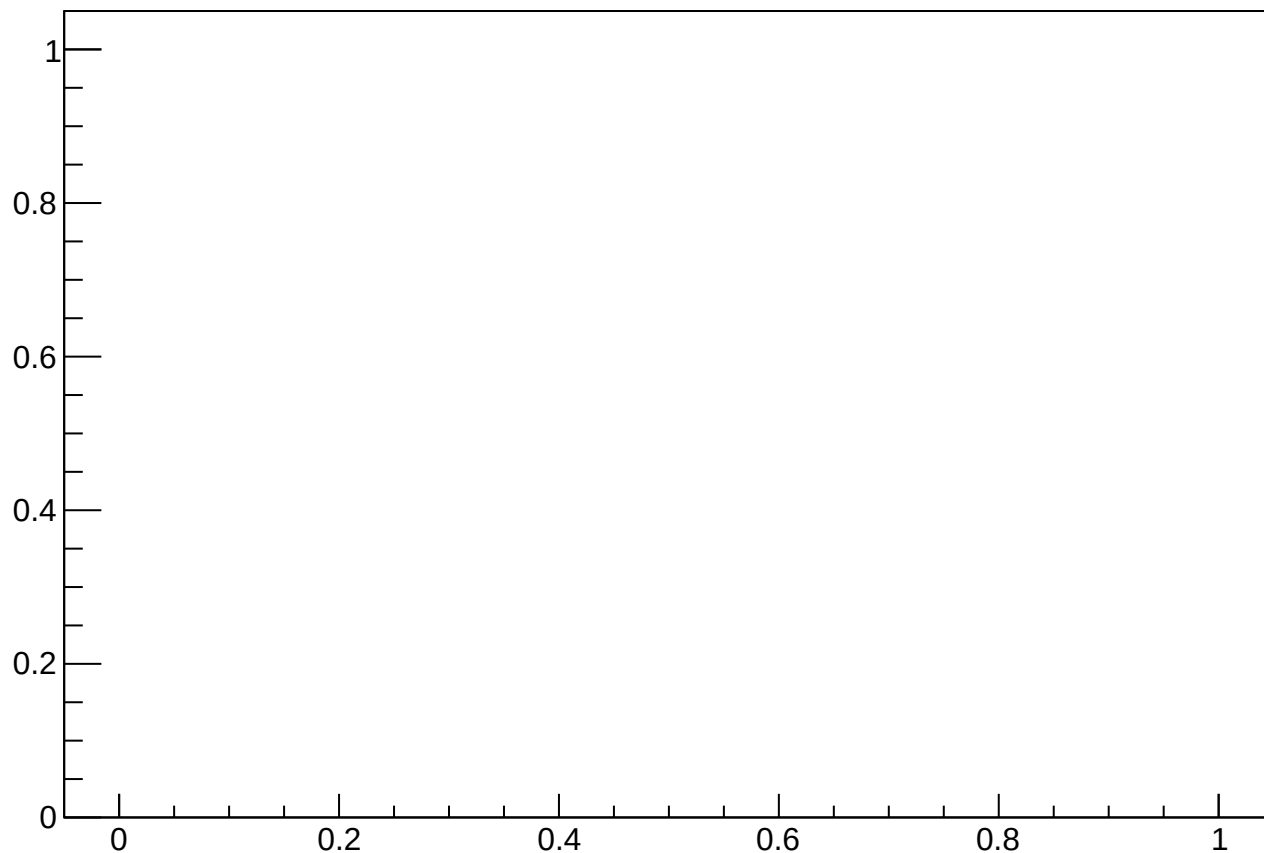
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

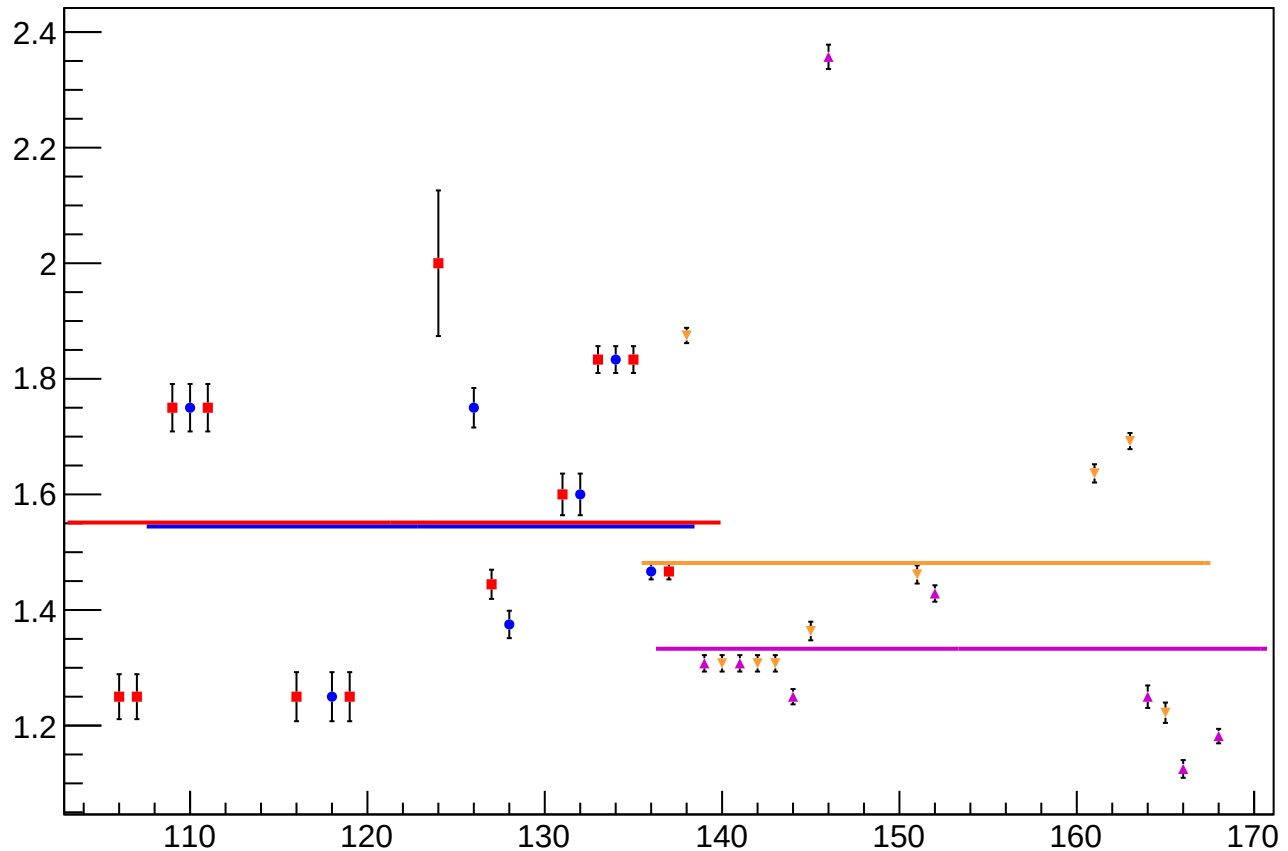
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF : 1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.333 $\pm$ 0.005 χ^2/NDF : 2803.3/7

Left: 1.412 $\pm$ 0.004 χ^2/NDF : 5151.9/16

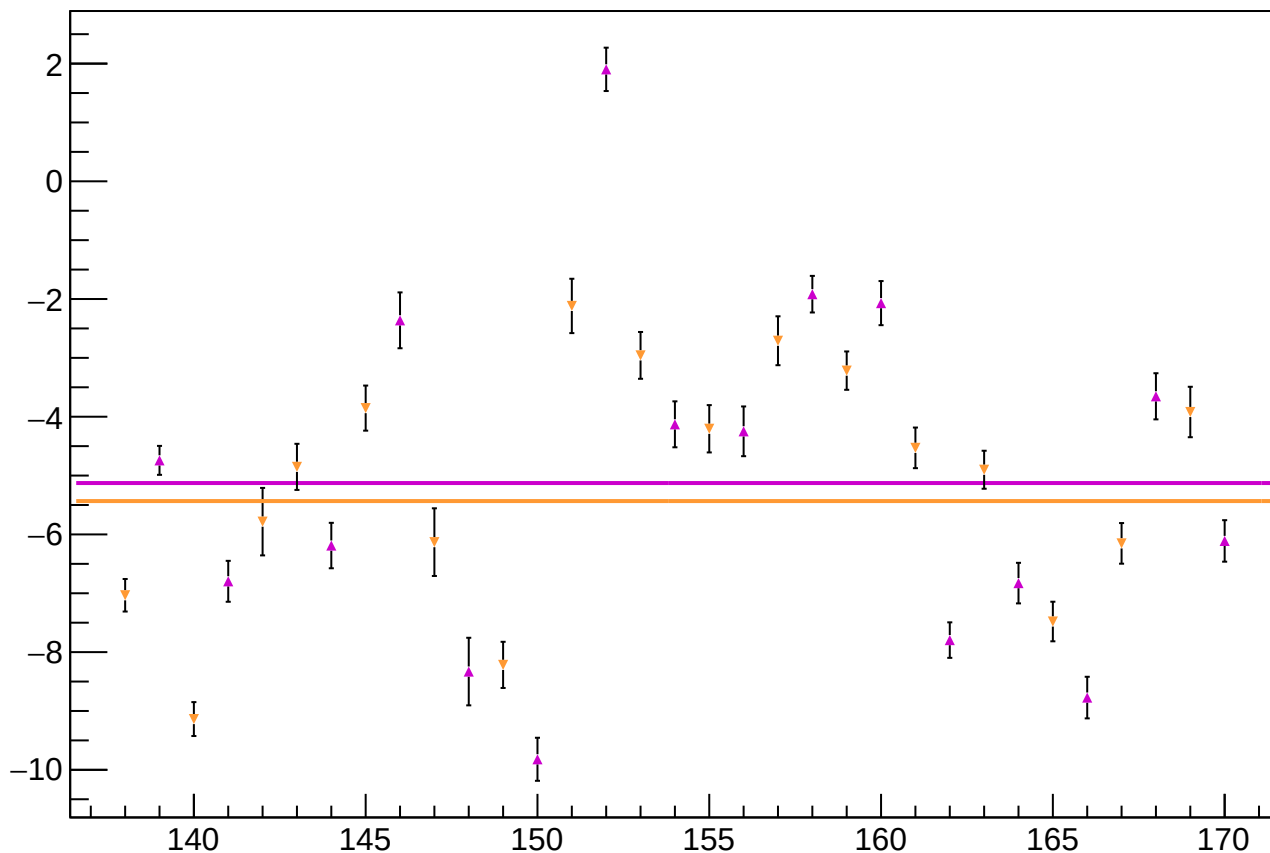
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.385 $\pm$ 0.005 χ^2/NDF : 3548.4/14

Out: 1.500 $\pm$ 0.004 χ^2/NDF : 2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.7/35

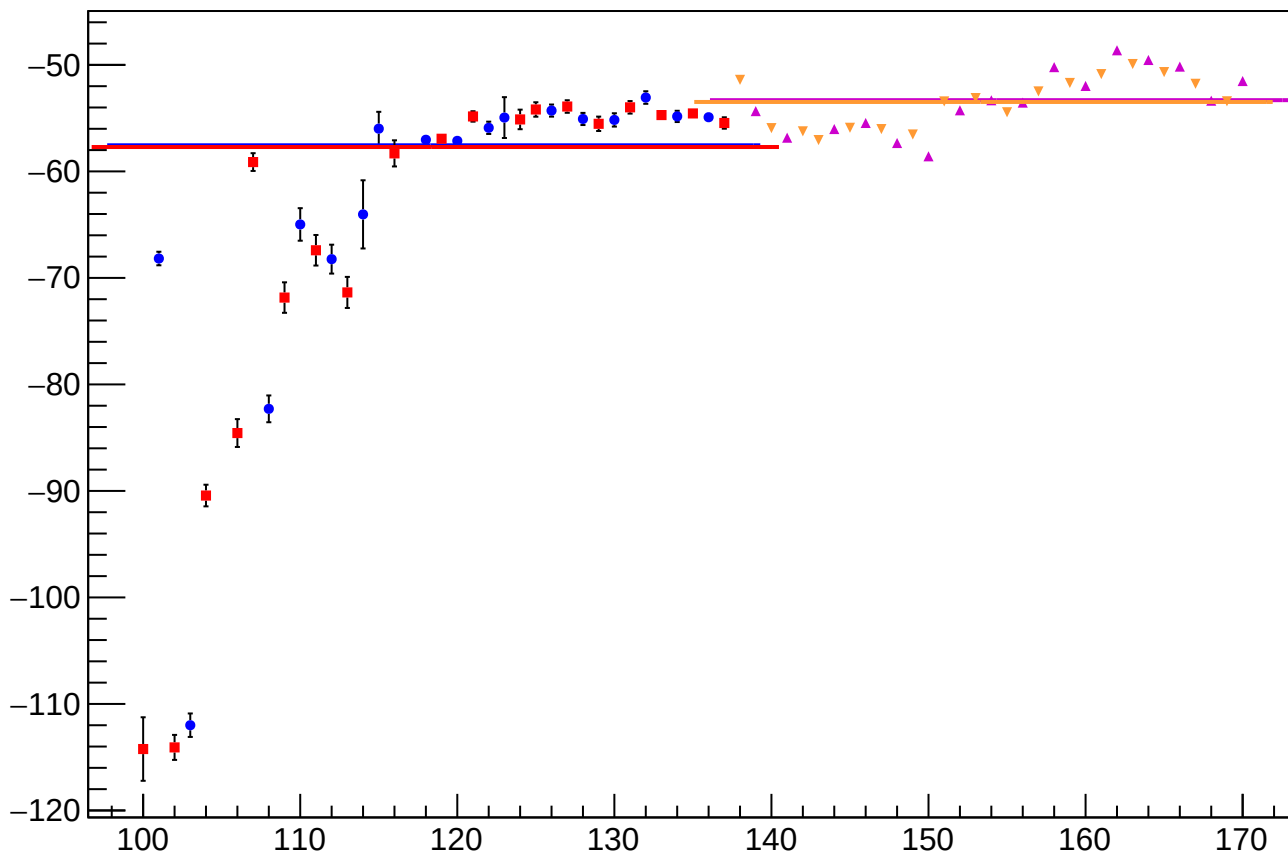
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.433 $\pm$ 0.090 χ^2 /NDF:522.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.127 $\pm$ 0.089 χ^2 /NDF:1041.8/15

Left: -5.279 $\pm$ 0.063 χ^2 /NDF: 1570.1/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.127 $\pm$ 0.089 χ^2 /NDF:1041.8/15
 Out: -5.433 $\pm$ 0.090 χ^2 /NDF:522.5/16
 All: -5.279 $\pm$ 0.063 χ^2 /NDF: 1570.1/32

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.481 ± 0.067 χ^2/NDF : 1194.4/16

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.312 ± 0.069 χ^2/NDF : 1921.9/15

Left: -53.399 ± 0.048 χ^2/NDF : 3119.4/32

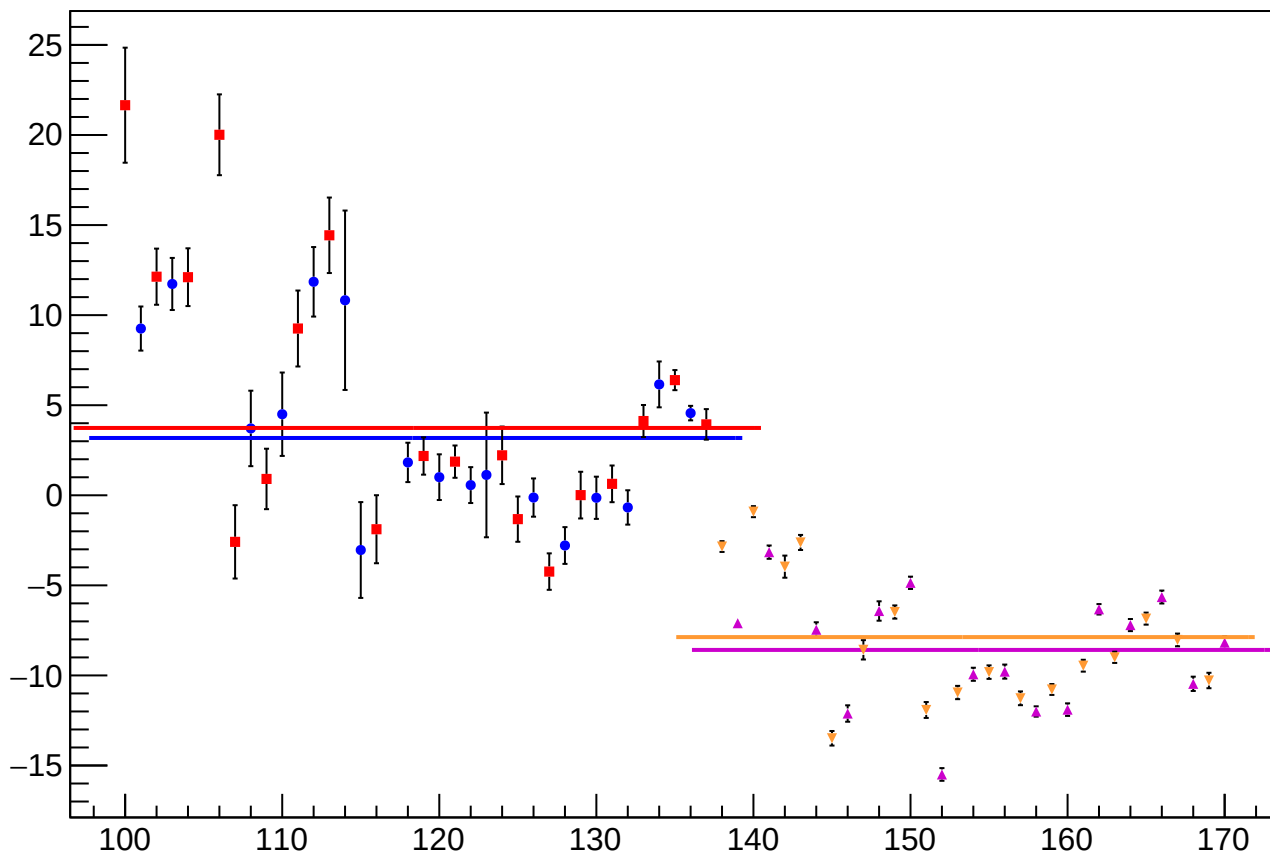
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -54.123 ± 0.062 χ^2/NDF : 6106.3/32

Out: -54.246 ± 0.061 χ^2/NDF : 6617.2/35

All: -54.186 ± 0.043 χ^2/NDF : 12725.5/68

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.872 ± 0.089 χ^2/NDF : 1632.2/16

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.584 ± 0.088 χ^2/NDF : 1256.5/15

Left: -8.233 ± 0.063 χ^2/NDF : 2921.1/32

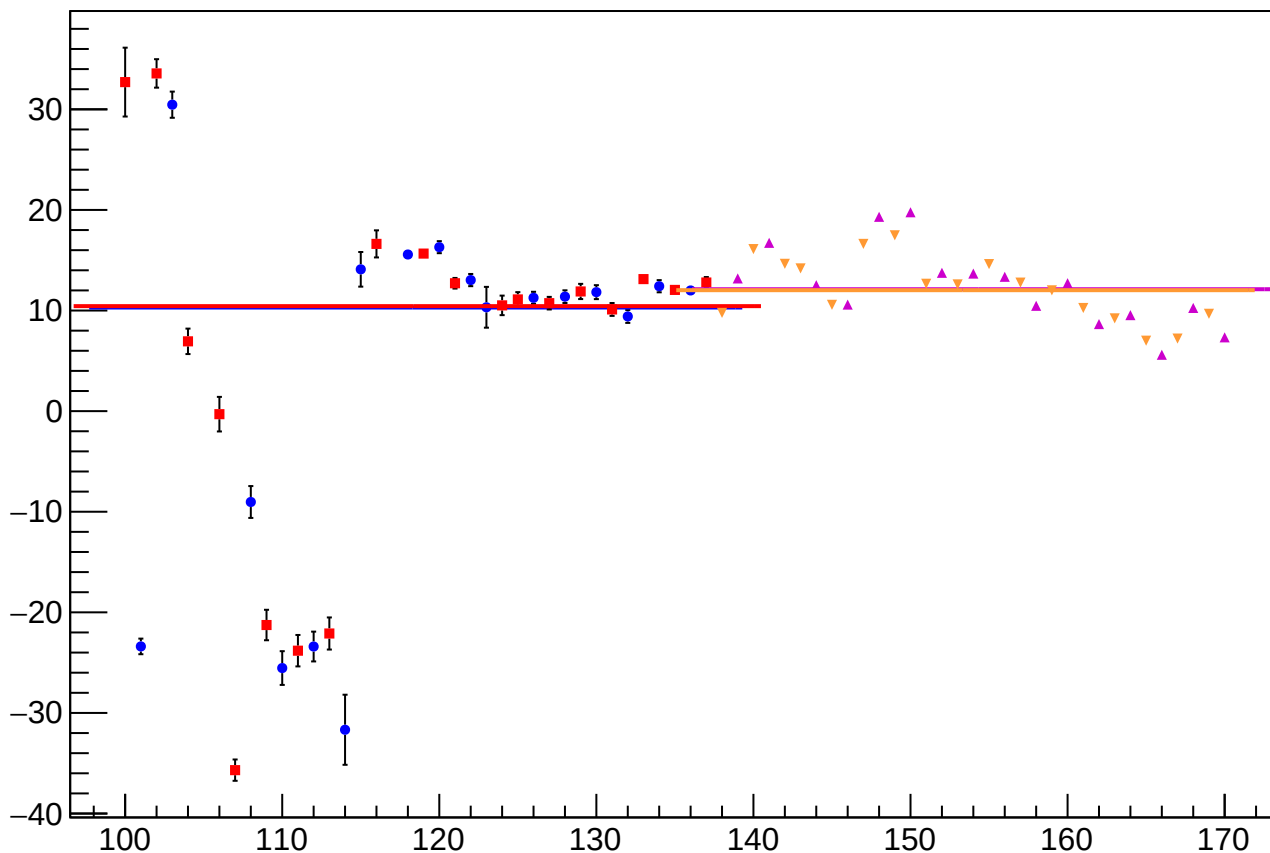
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.361 ± 0.083 χ^2/NDF : 3305.2/32

Out: -6.712 ± 0.084 χ^2/NDF : 3655.9/35

All: -7.041 ± 0.059 χ^2/NDF : 6991.1/68

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 12.023 $\pm$ 0.076 χ^2 /NDF:1568.1/16

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 12.119 $\pm$ 0.077 χ^2 /NDF:2342.1/15

Left: 12.071 $\pm$ 0.054 χ^2 /NDF: 3911.0/32

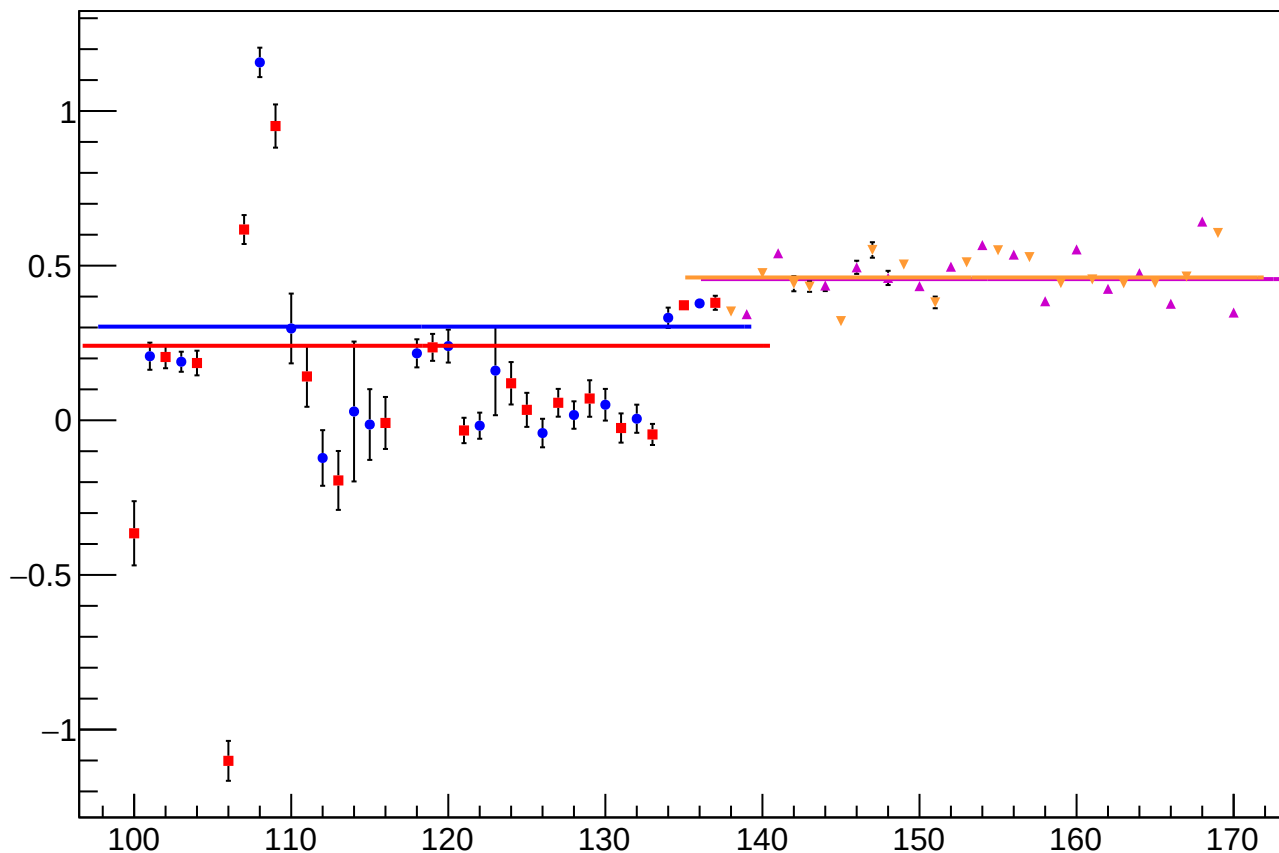
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 11.763 $\pm$ 0.069 χ^2 /NDF:6149.4/32

Out: 11.729 $\pm$ 0.069 χ^2 /NDF:5477.3/35

All: 11.746 $\pm$ 0.049 χ^2 /NDF: 11626.8/68

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.462 ± 0.003 χ^2/NDF : 388.4/16

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.456 ± 0.003 χ^2/NDF : 668.6/15

Left: 0.459 ± 0.002 χ^2/NDF : 1058.2/32

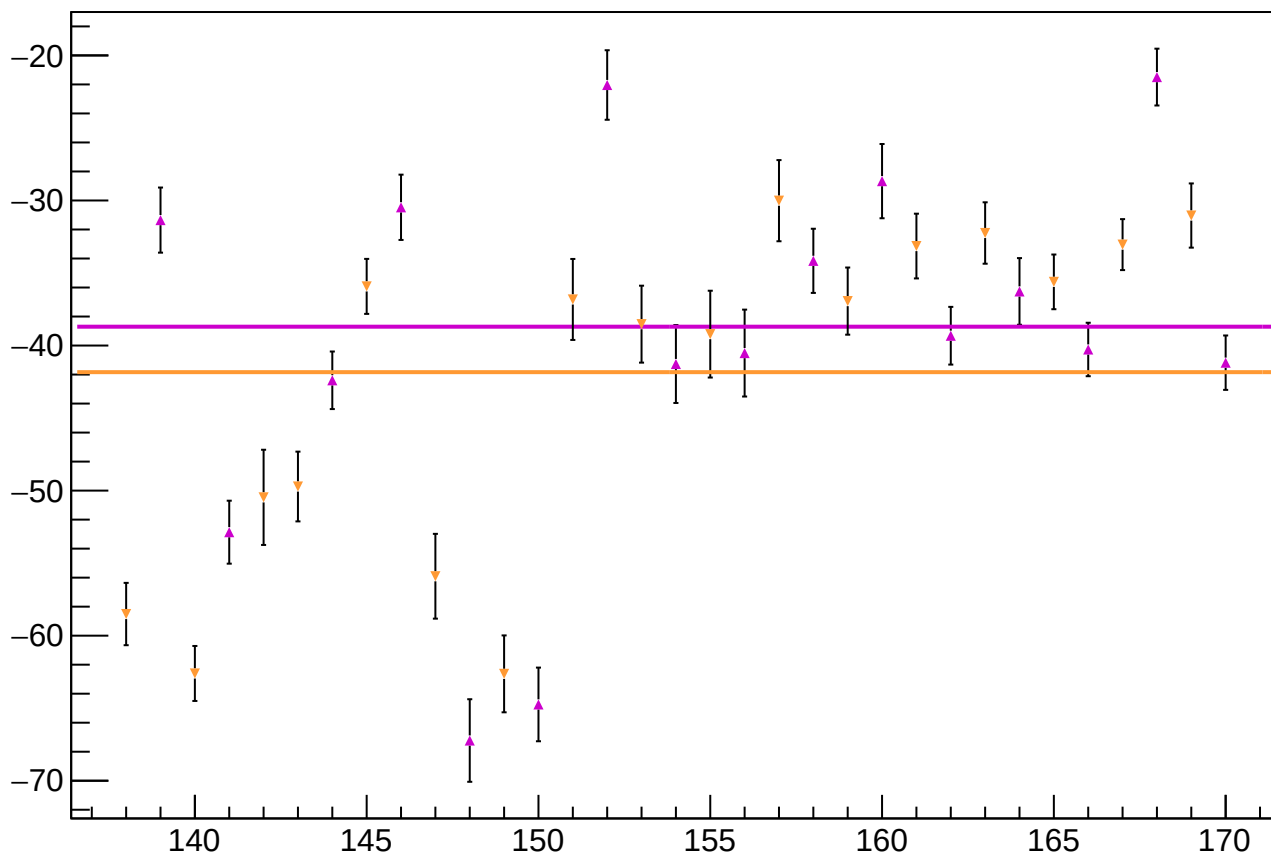
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.434 ± 0.003 χ^2/NDF : 1616.3/32

Out: 0.430 ± 0.003 χ^2/NDF : 1958.2/35

All: 0.432 ± 0.002 χ^2/NDF : 3575.2/68

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.834+/-0.557 χ^2/NDF : 415.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.700+/-0.559 χ^2/NDF : 425.9/15

Left: -40.273+/-0.394 χ^2/NDF : 857.5/32

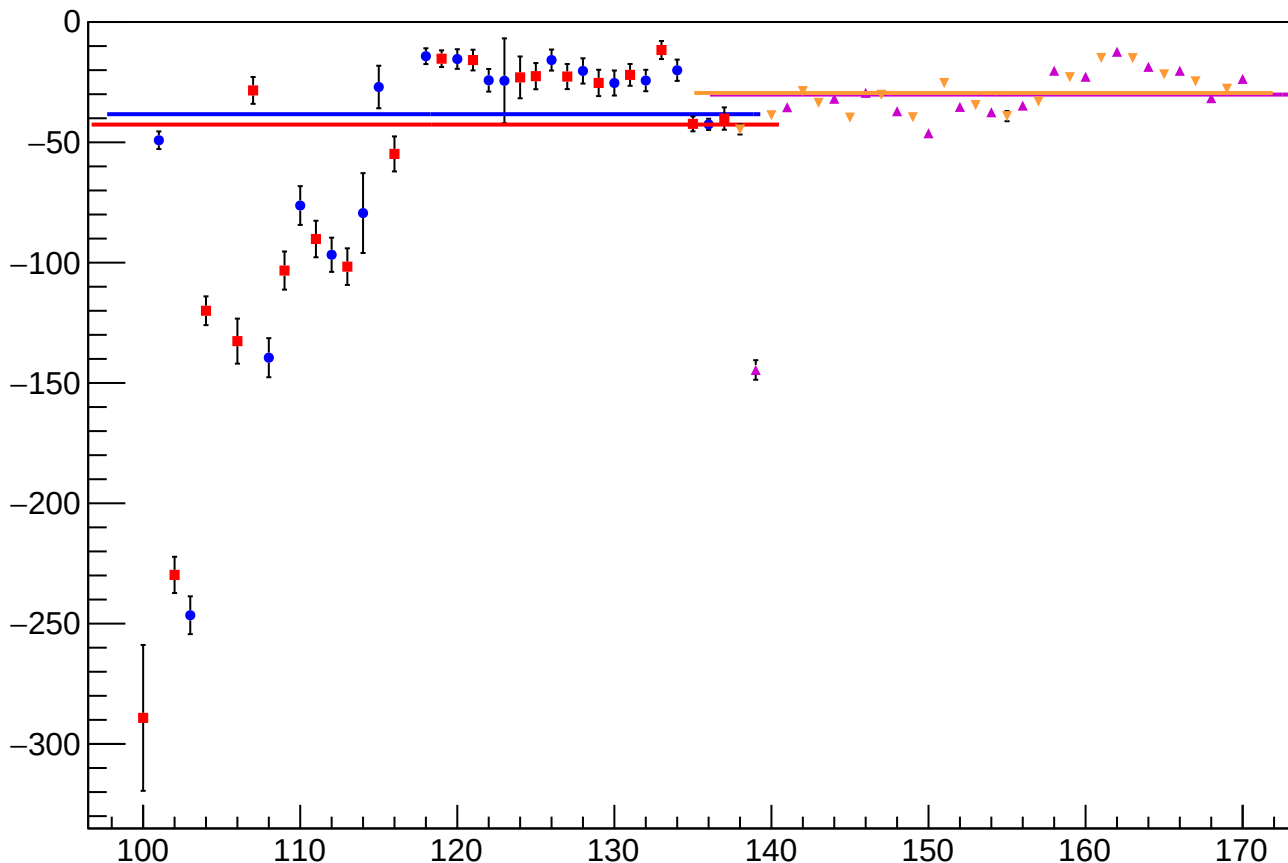
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.700+/-0.559 χ^2/NDF : 425.9/15

Out: -41.834+/-0.557 χ^2/NDF : 415.8/16

All: -40.273+/-0.394 χ^2/NDF : 857.5/32

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -29.479 ± 0.404 $\chi^2/\text{NDF}: 432.0/16$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -30.155 ± 0.412 $\chi^2/\text{NDF}: 1227.2/15$

Left: -29.811 ± 0.289 $\chi^2/\text{NDF}: 1660.6/32$

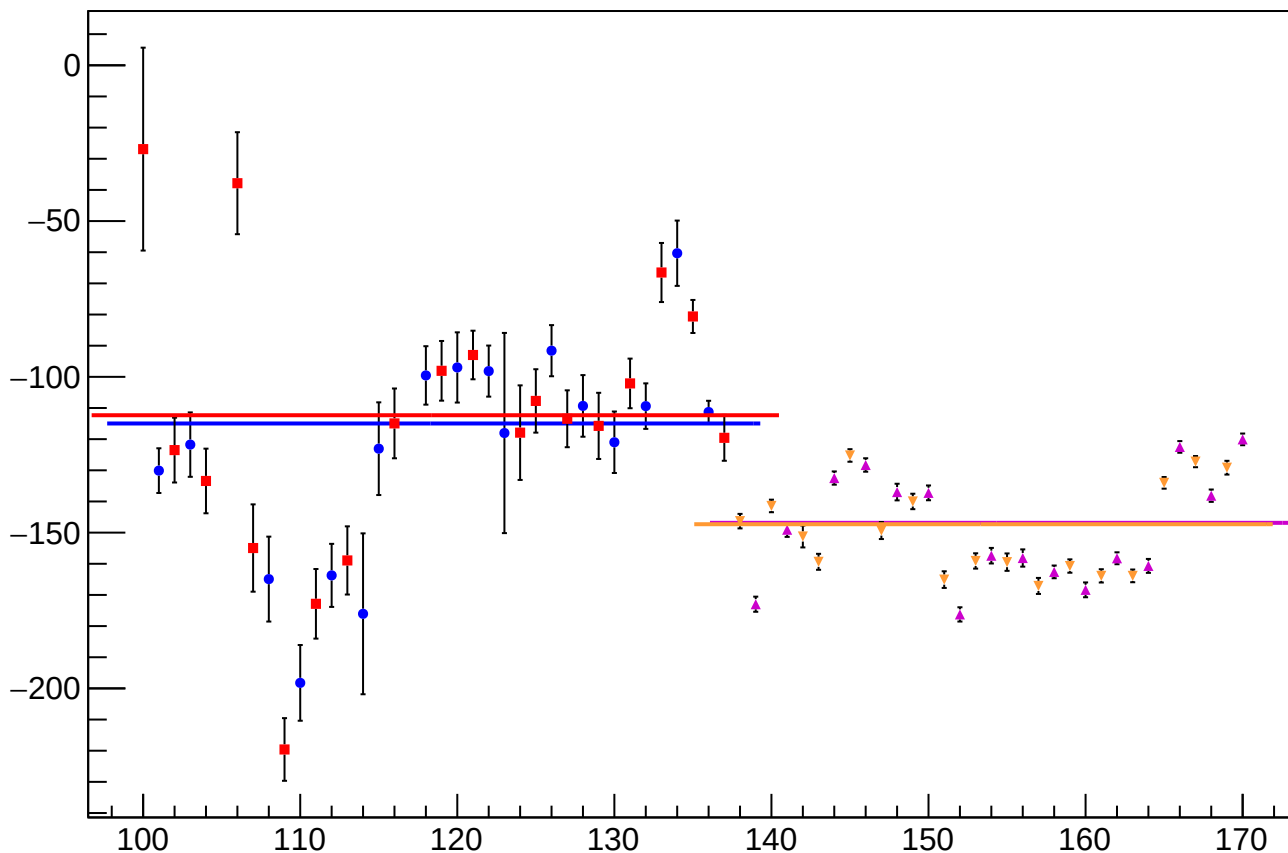
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -31.099 ± 0.387 $\chi^2/\text{NDF}: 2405.3/32$

Out: -30.803 ± 0.384 $\chi^2/\text{NDF}: 1882.8/35$

All: -30.949 ± 0.273 $\chi^2/\text{NDF}: 4288.4/68$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -147.302 $\pm$ 0.553 χ^2 /NDF: 714.3/16

Right Out: -112.320 $\pm$ 2.205 χ^2 /NDF: 274.0/18

Left In: -146.857 $\pm$ 0.550 χ^2 /NDF: 1072.0/15

Left: -147.078 $\pm$ 0.390 χ^2 /NDF: 1786.6/32

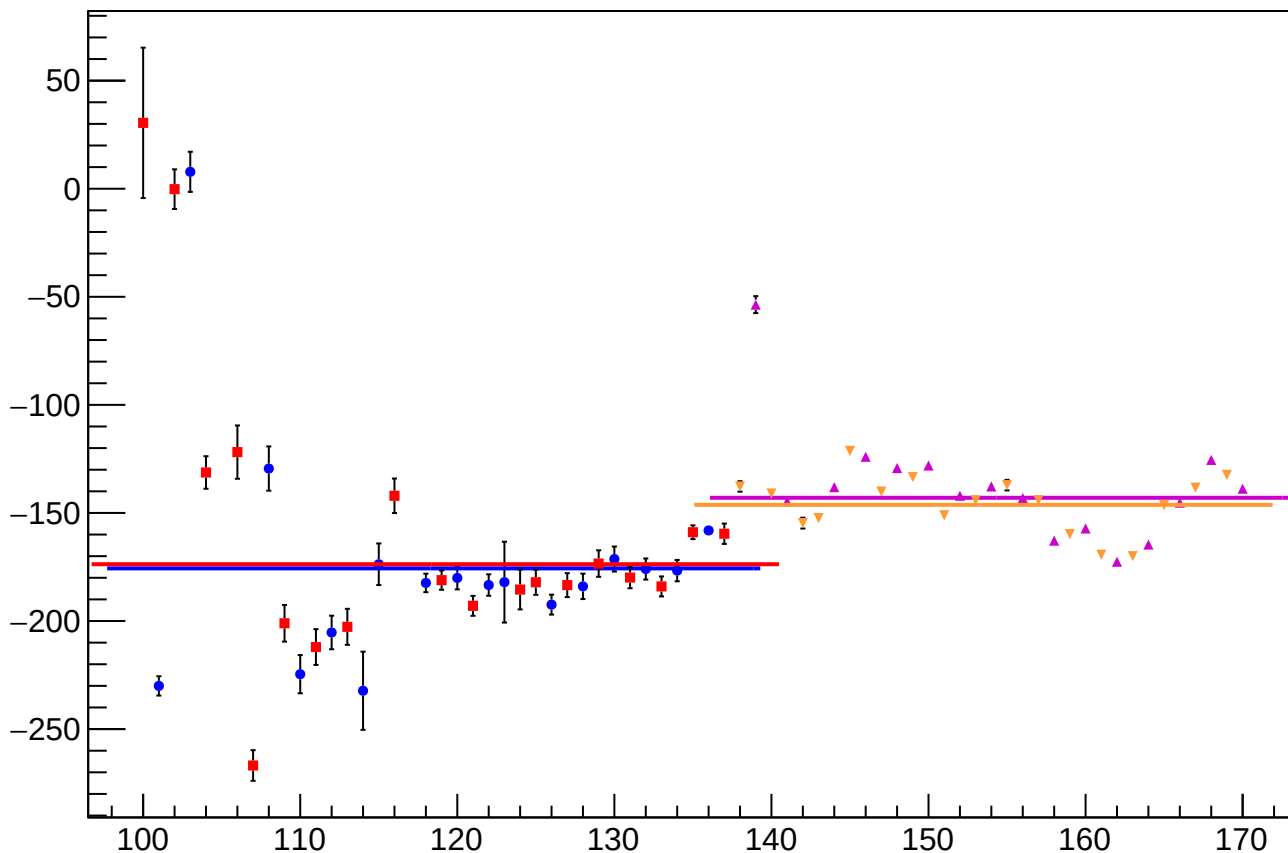
Right: -113.725 $\pm$ 1.511 χ^2 /NDF: 416.2/35

In: -144.762 $\pm$ 0.532 χ^2 /NDF: 1434.1/32

Out: -145.229 $\pm$ 0.537 χ^2 /NDF: 1225.1/35

All: -144.993 $\pm$ 0.378 χ^2 /NDF: 2659.6/68

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 $\pm$ 1.269 χ^2 /NDF: 692.1/16

Left Out: -146.243 $\pm$ 0.465 χ^2 /NDF:850.0/16

Right Out: -173.714 $\pm$ 1.354 χ^2 /NDF: 738.0/18

Left In: -142.988 $\pm$ 0.472 χ^2 /NDF:1497.9/15

Left: -144.638 $\pm$ 0.331 χ^2 /NDF: 2372.0/32

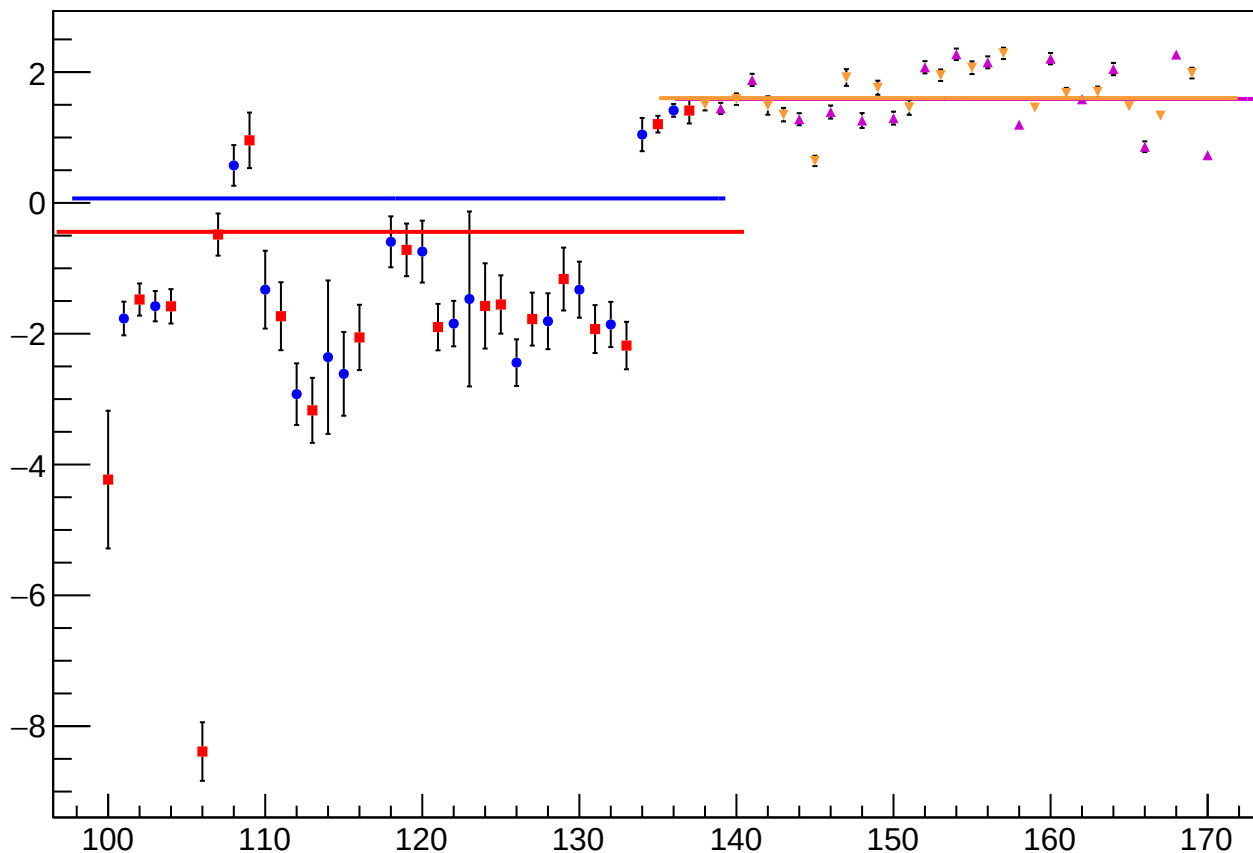
Right: -174.745 $\pm$ 0.926 χ^2 /NDF: 1431.2/35

In: -146.950 $\pm$ 0.442 χ^2 /NDF:2772.0/32

Out: -149.142 $\pm$ 0.440 χ^2 /NDF:1956.1/35

All: -148.052 $\pm$ 0.312 χ^2 /NDF: 4740.5/68

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: 1.602 $\pm$ 0.022 χ^2 /NDF:309.8/16

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.590 $\pm$ 0.022 χ^2 /NDF:591.2/15

Left: 1.596 $\pm$ 0.015 χ^2 /NDF: 901.2/32

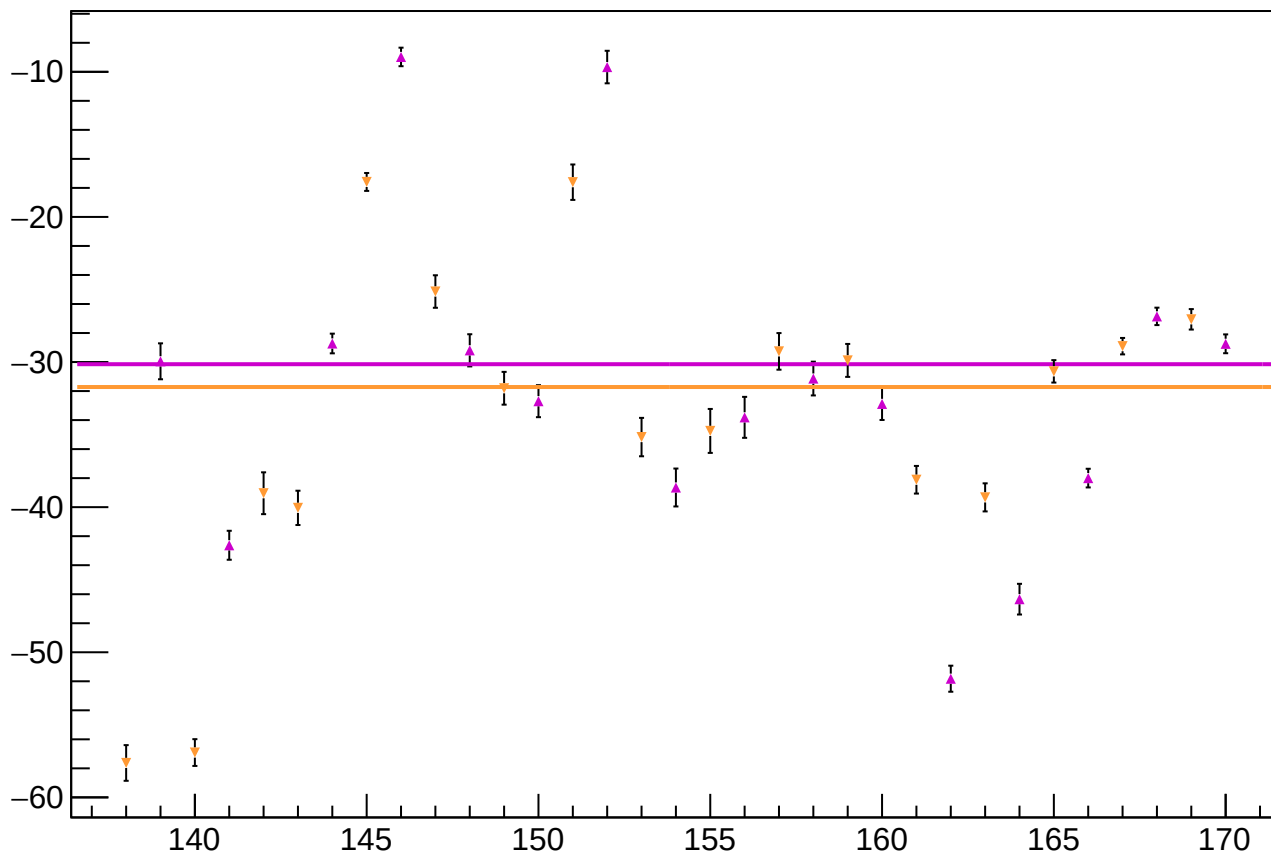
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.447 $\pm$ 0.021 χ^2 /NDF:1584.4/32

Out: 1.428 $\pm$ 0.021 χ^2 /NDF:1822.6/35

All: 1.438 $\pm$ 0.015 χ^2 /NDF: 3407.4/68

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



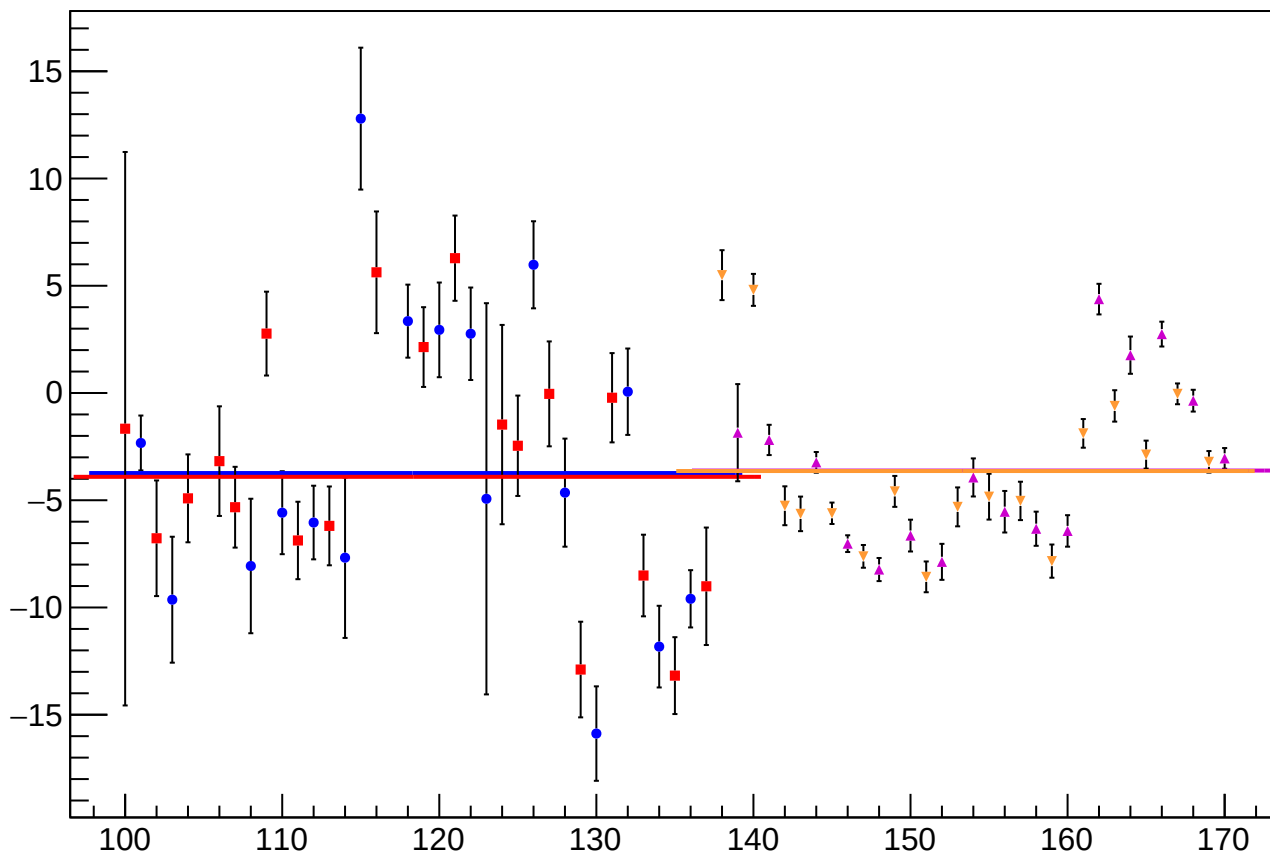
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -31.721 ± 0.228 $\chi^2/\text{NDF}: 2151.9/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -30.149 ± 0.218 $\chi^2/\text{NDF}: 2657.0/15$

Left: -30.901 ± 0.157 $\chi^2/\text{NDF}: 4833.7/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -30.149 ± 0.218 $\chi^2/\text{NDF}: 2657.0/15$
 Out: -31.721 ± 0.228 $\chi^2/\text{NDF}: 2151.9/16$

All: -30.901 ± 0.157 $\chi^2/\text{NDF}: 4833.7/32$

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: -3.638 ± 0.166 $\chi^2/\text{NDF}: 437.9/16$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -3.616 ± 0.158 $\chi^2/\text{NDF}: 554.7/15$

Left: -3.627 ± 0.114 $\chi^2/\text{NDF}: 992.6/32$

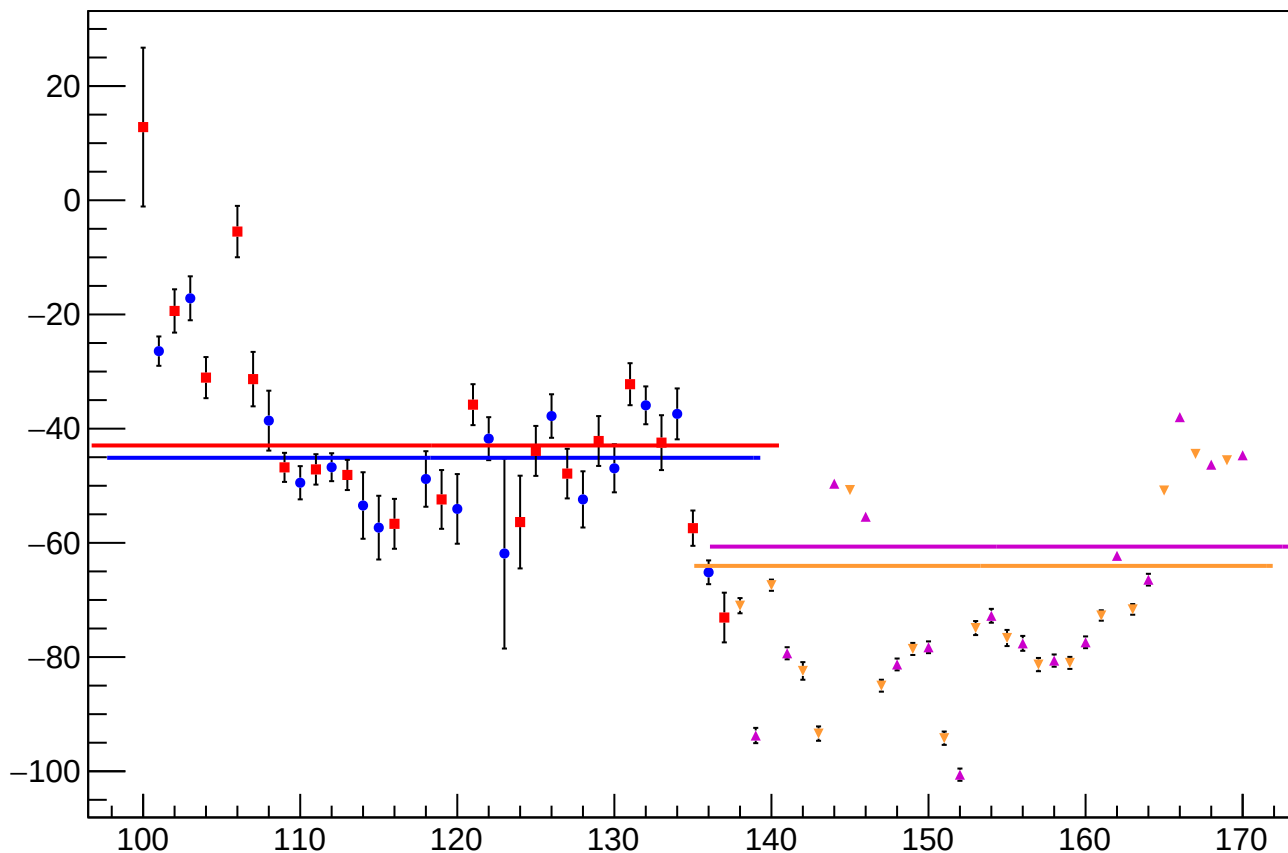
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.627 ± 0.151 $\chi^2/\text{NDF}: 720.6/32$

Out: -3.664 ± 0.157 $\chi^2/\text{NDF}: 563.0/35$

All: -3.645 ± 0.109 $\chi^2/\text{NDF}: 1283.6/68$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -64.031 ± 0.227 χ^2/NDF : 5319.3/16

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -60.656 ± 0.216 χ^2/NDF : 6570.3/15

Left: -62.256 ± 0.156 χ^2/NDF : 12005.6/32

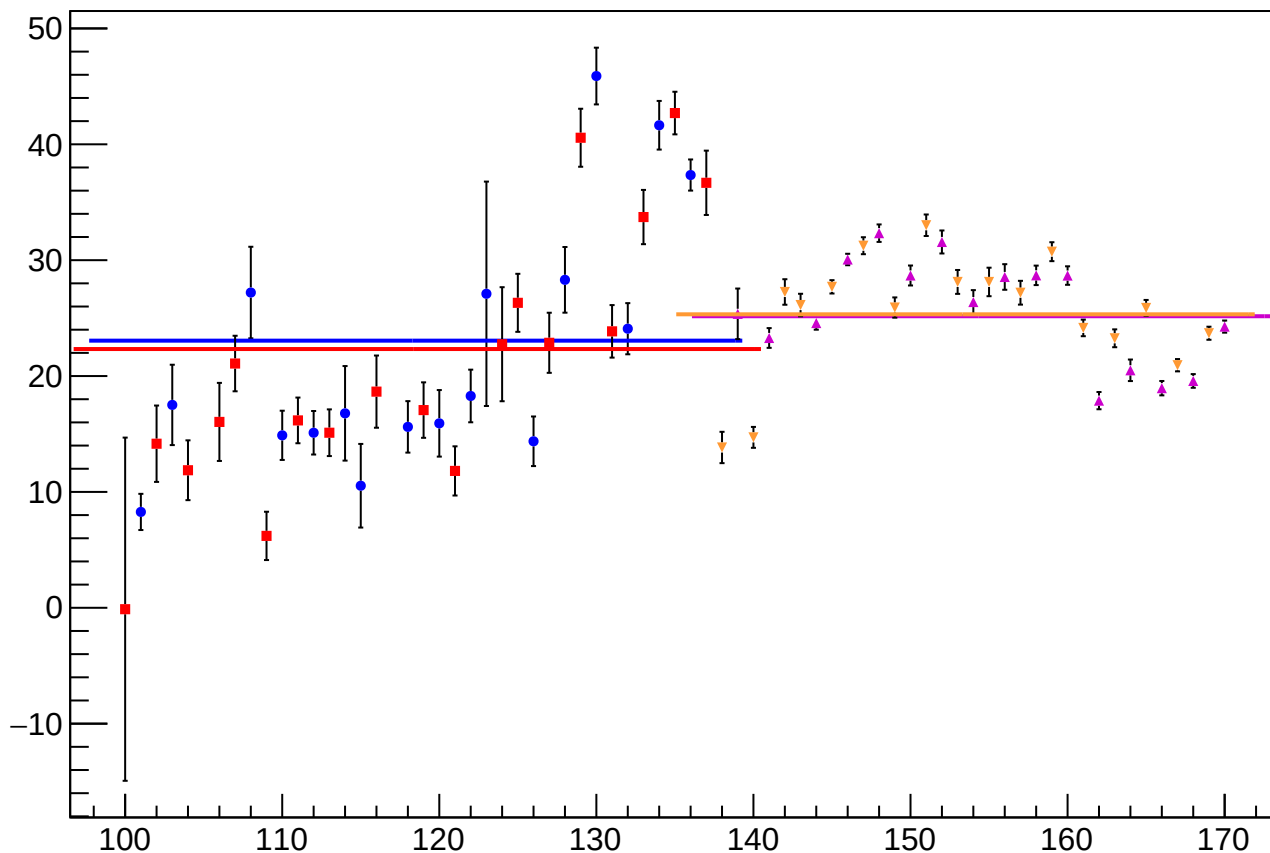
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -59.779 ± 0.210 χ^2/NDF : 7094.0/32

Out: -62.705 ± 0.220 χ^2/NDF : 6109.6/35

All: -61.171 ± 0.152 χ^2/NDF : 13296.4/68

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 25.329+/-0.191 χ^2/NDF : 512.8/16

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 25.162+/-0.184 χ^2/NDF : 613.8/15

Left: 25.242+/-0.132 χ^2/NDF : 1127.0/32

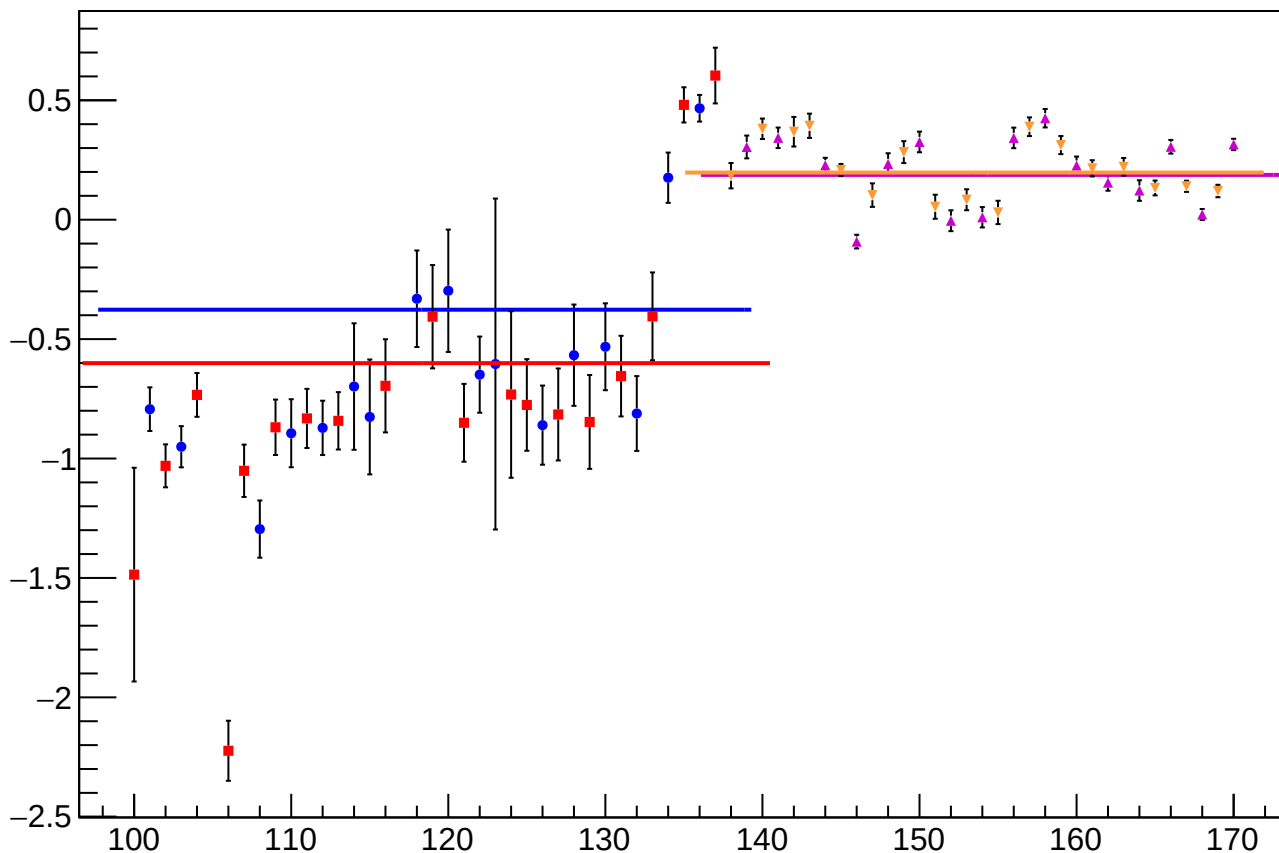
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 24.956+/-0.174 χ^2/NDF : 1087.8/32

Out: 25.029+/-0.181 χ^2/NDF : 908.6/35

All: 24.991+/-0.126 χ^2/NDF : 1996.5/68

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.198 ± 0.009 χ^2/NDF : 127.7/16

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.188 ± 0.009 χ^2/NDF : 316.1/15

Left: 0.192 ± 0.006 χ^2/NDF : 444.4/32

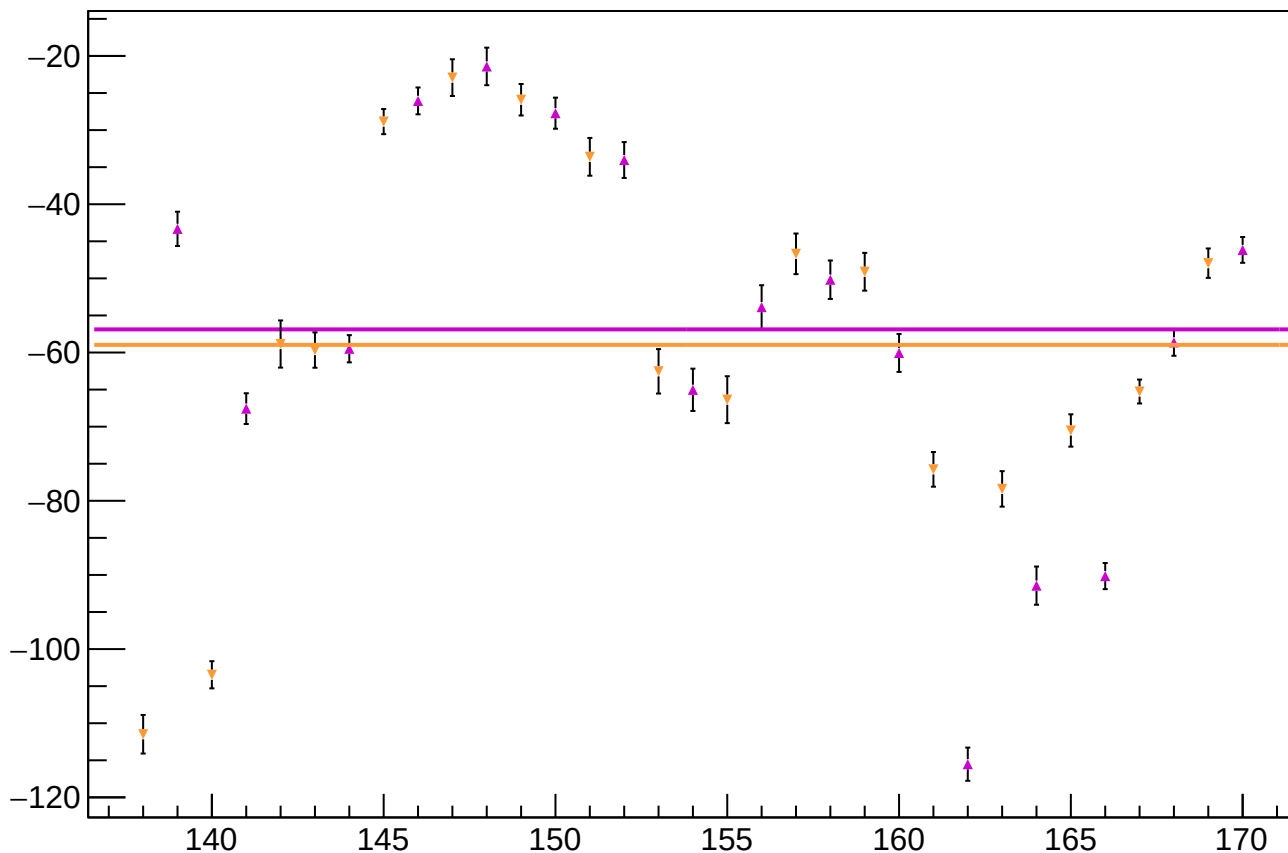
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.145 ± 0.008 χ^2/NDF : 1078.5/32

Out: 0.133 ± 0.009 χ^2/NDF : 1326.2/35

All: 0.139 ± 0.006 χ^2/NDF : 2405.7/68

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

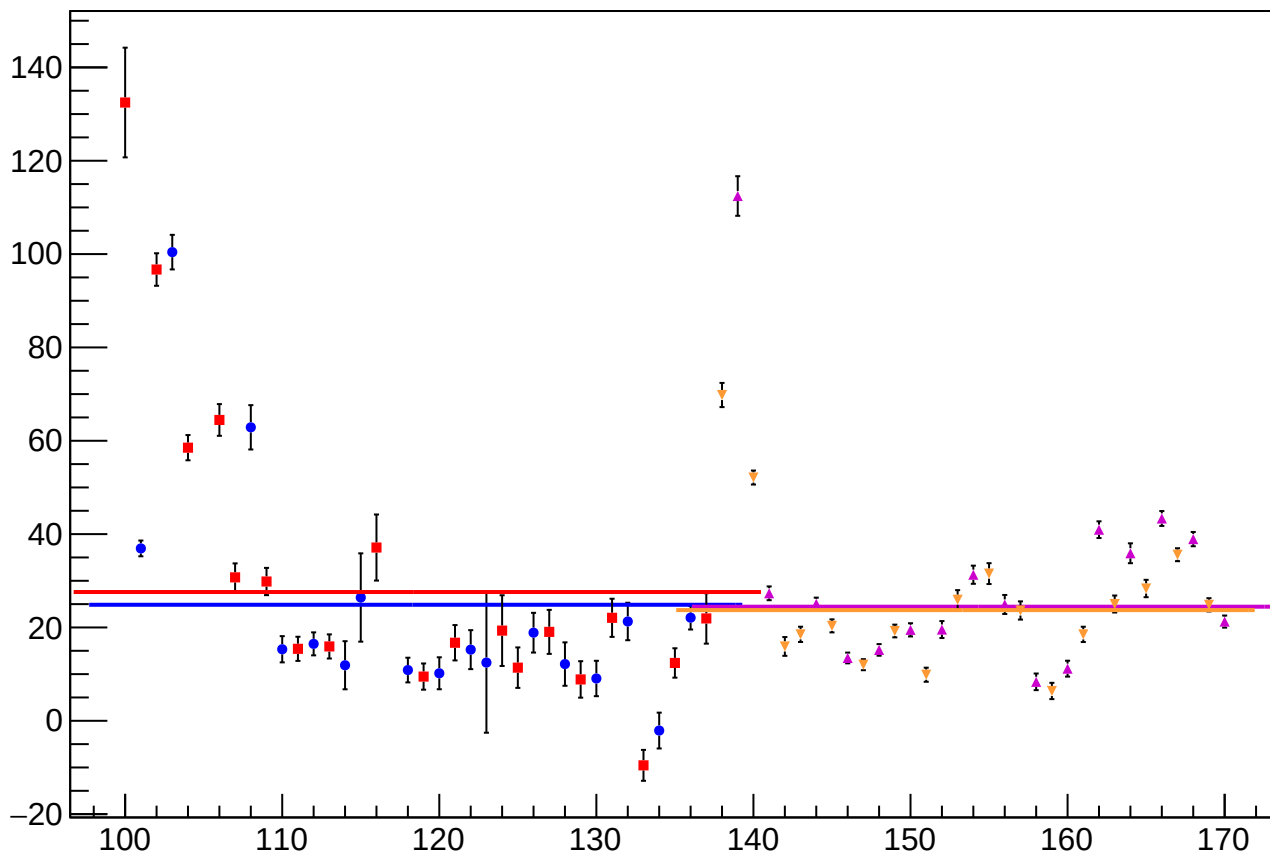


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.969+/-0.549 χ^2/NDF :2098.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.880+/-0.540 χ^2/NDF :2110.5/15

Left: -57.908+/-0.385 χ^2/NDF : 4216.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -56.880+/-0.540 χ^2/NDF :2110.5/15
 Out: -58.969+/-0.549 χ^2/NDF :2098.6/16

All: -57.908+/-0.385 χ^2/NDF : 4216.5/32

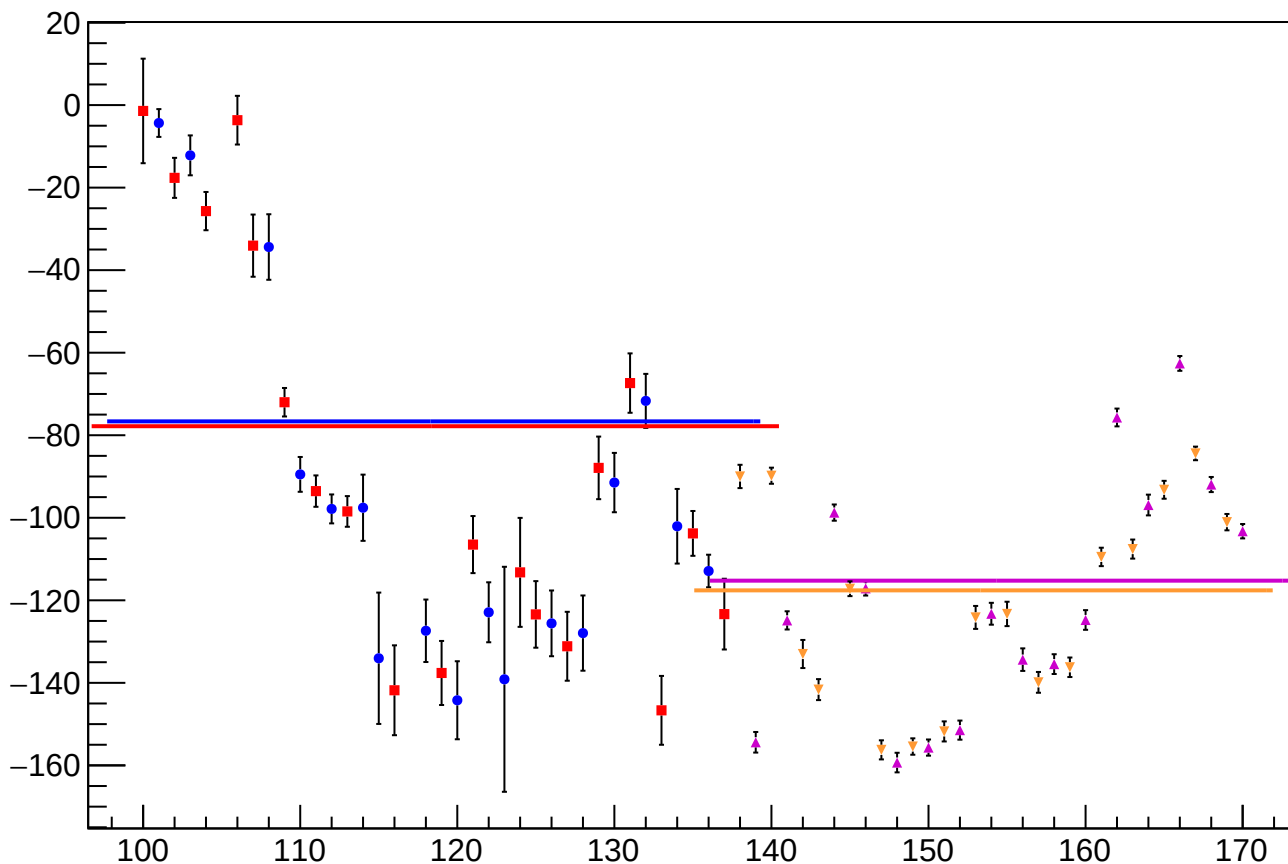
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 23.718 ± 0.395 χ^2/NDF : 1100.8/16
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 24.449 ± 0.395 χ^2/NDF : 1105.6/15

Left: 24.084 ± 0.279 χ^2/NDF : 2208.1/32
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 24.530 ± 0.354 χ^2/NDF : 1796.9/32
 Out: 24.462 ± 0.355 χ^2/NDF : 2130.2/35
 All: 24.496 ± 0.251 χ^2/NDF : 3927.1/68

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -117.592 ± 0.546 $\chi^2/\text{NDF}: 2030.4/16$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -115.239 ± 0.533 $\chi^2/\text{NDF}: 2957.3/15$

Left: -116.387 ± 0.381 $\chi^2/\text{NDF}: 4997.3/32$

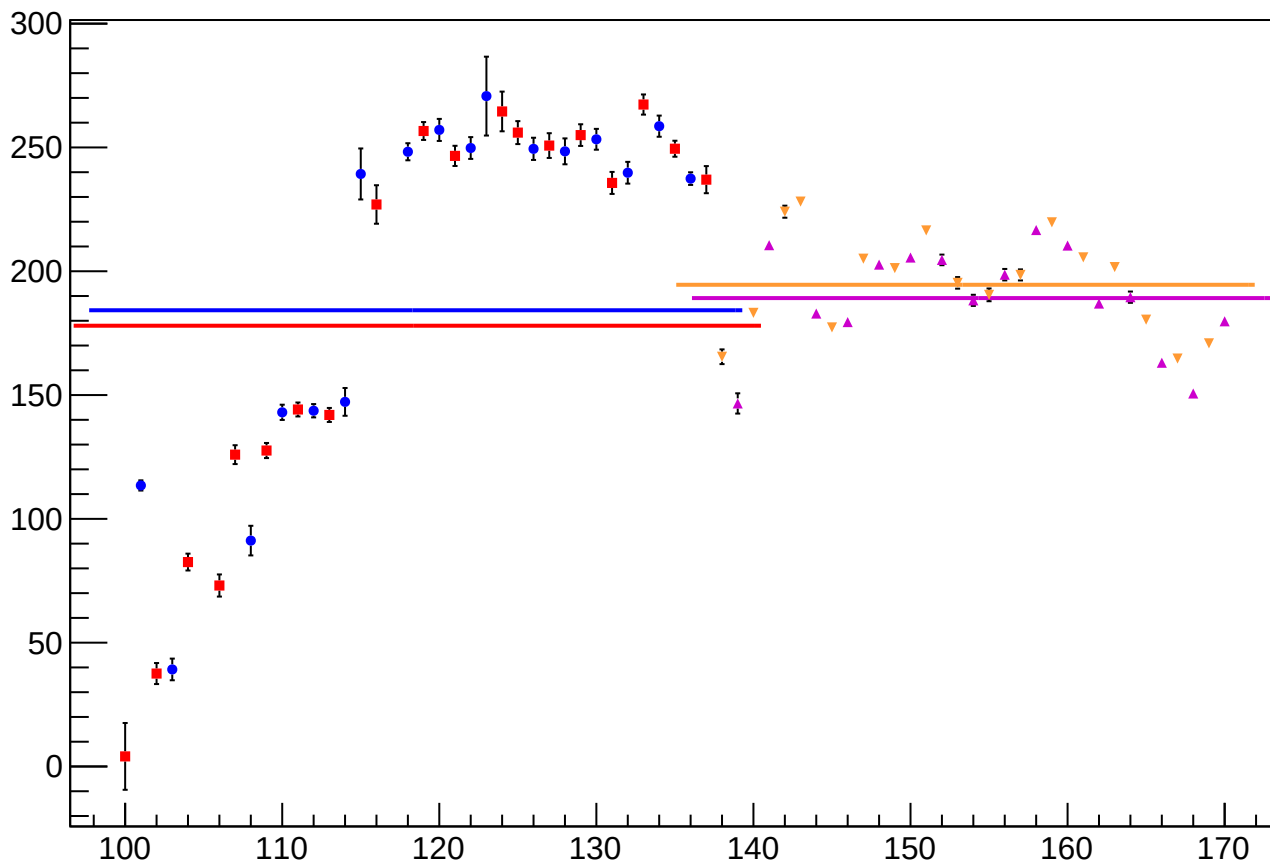
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -110.440 ± 0.499 $\chi^2/\text{NDF}: 4649.8/32$

Out: -112.014 ± 0.506 $\chi^2/\text{NDF}: 3647.7/35$

All: -111.215 ± 0.355 $\chi^2/\text{NDF}: 8302.4/68$

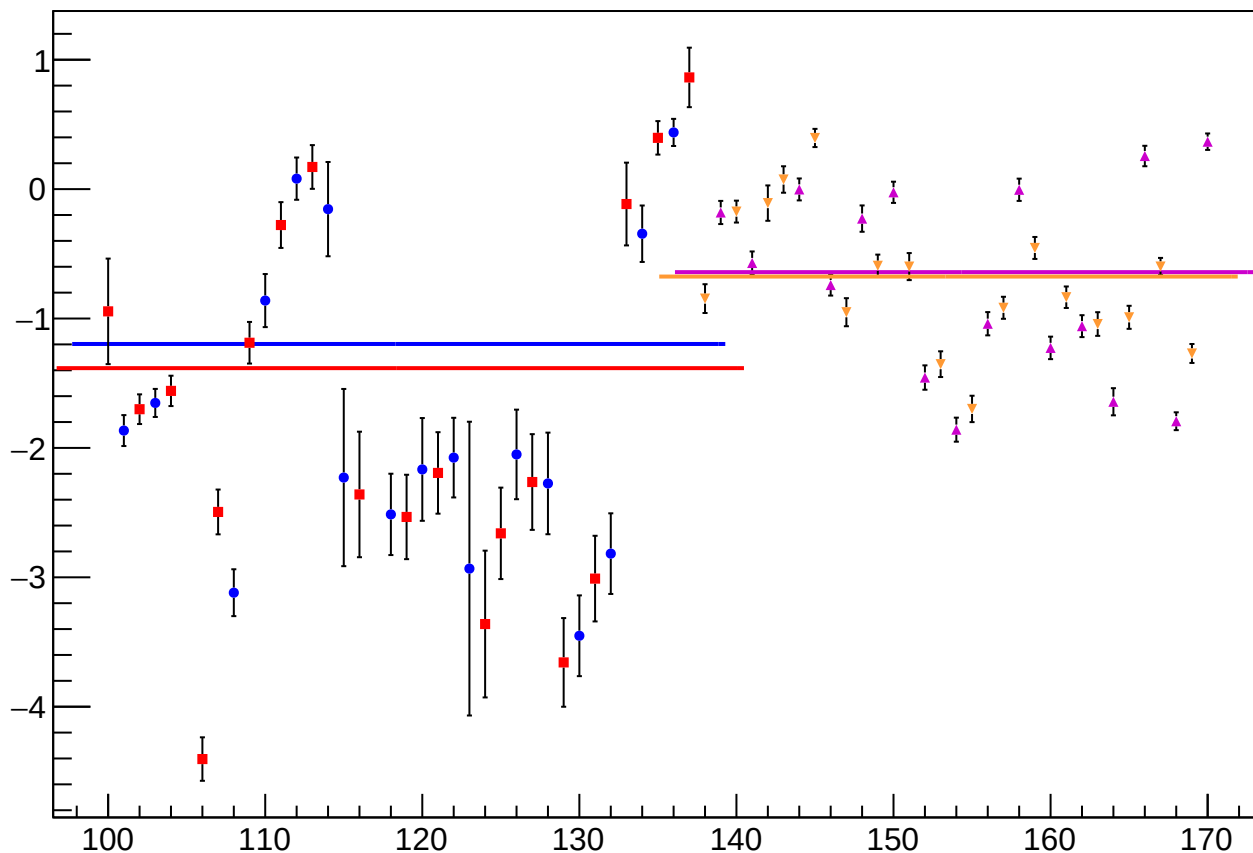
reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 ± 0.915 $\chi^2/\text{NDF}: 5388.6/16$
 Left Out: 194.535 ± 0.458 $\chi^2/\text{NDF}: 1783.8/16$
 Right Out: 178.003 ± 0.924 $\chi^2/\text{NDF}: 6338.0/18$
 Left In: 189.162 ± 0.456 $\chi^2/\text{NDF}: 1638.9/15$

Left: 191.837 ± 0.323 $\chi^2/\text{NDF}: 3491.8/32$
 Right: 181.152 ± 0.650 $\chi^2/\text{NDF}: 11749.6/35$
 In: 188.184 ± 0.408 $\chi^2/\text{NDF}: 7050.6/32$
 Out: 191.272 ± 0.410 $\chi^2/\text{NDF}: 8379.0/35$
 All: 189.720 ± 0.289 $\chi^2/\text{NDF}: 15458.0/68$

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.676 ± 0.022 χ^2/NDF : 609.9/16

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.642 ± 0.021 χ^2/NDF : 1300.7/15

Left: -0.658 ± 0.015 χ^2/NDF : 1911.8/32

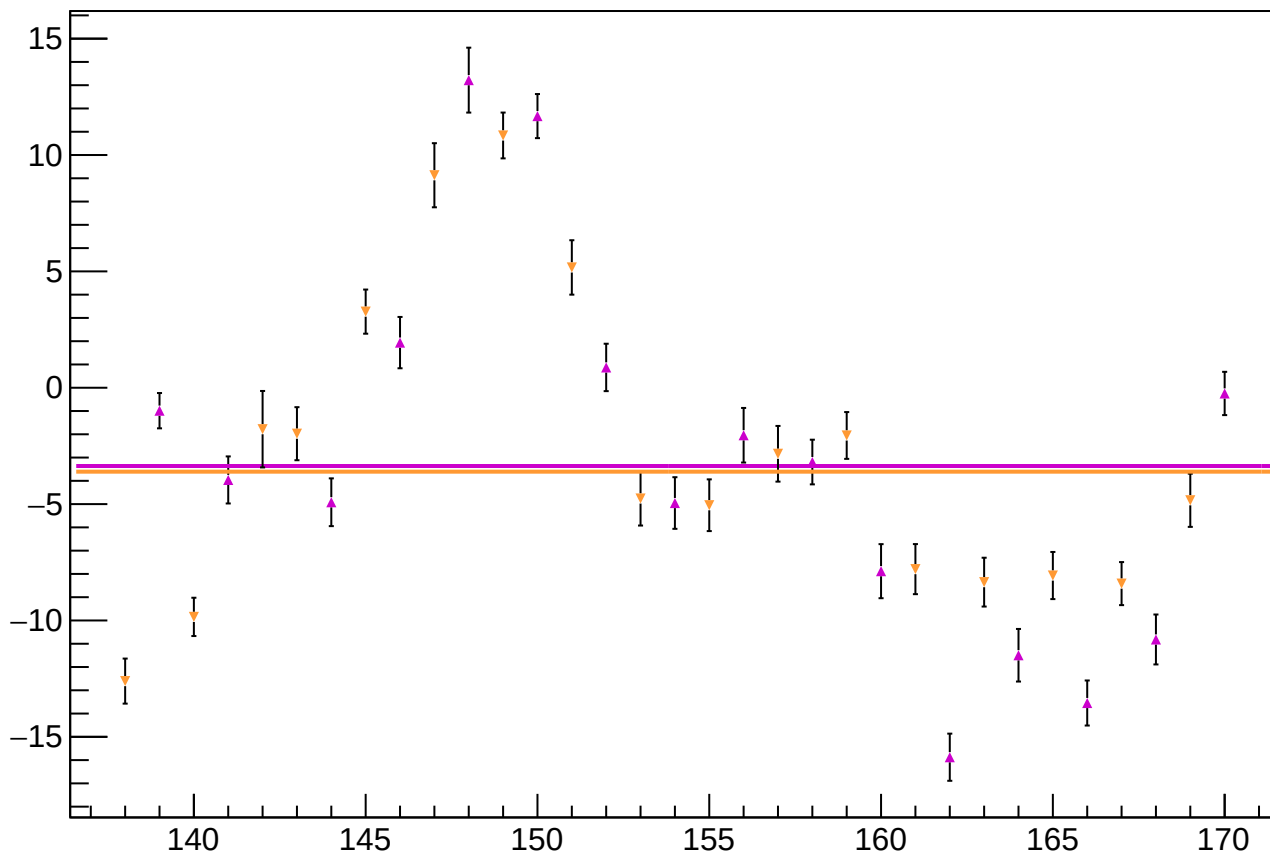
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.731 ± 0.019 χ^2/NDF : 2033.9/32

Out: -0.804 ± 0.019 χ^2/NDF : 1729.0/35

All: -0.767 ± 0.014 χ^2/NDF : 3770.0/68

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



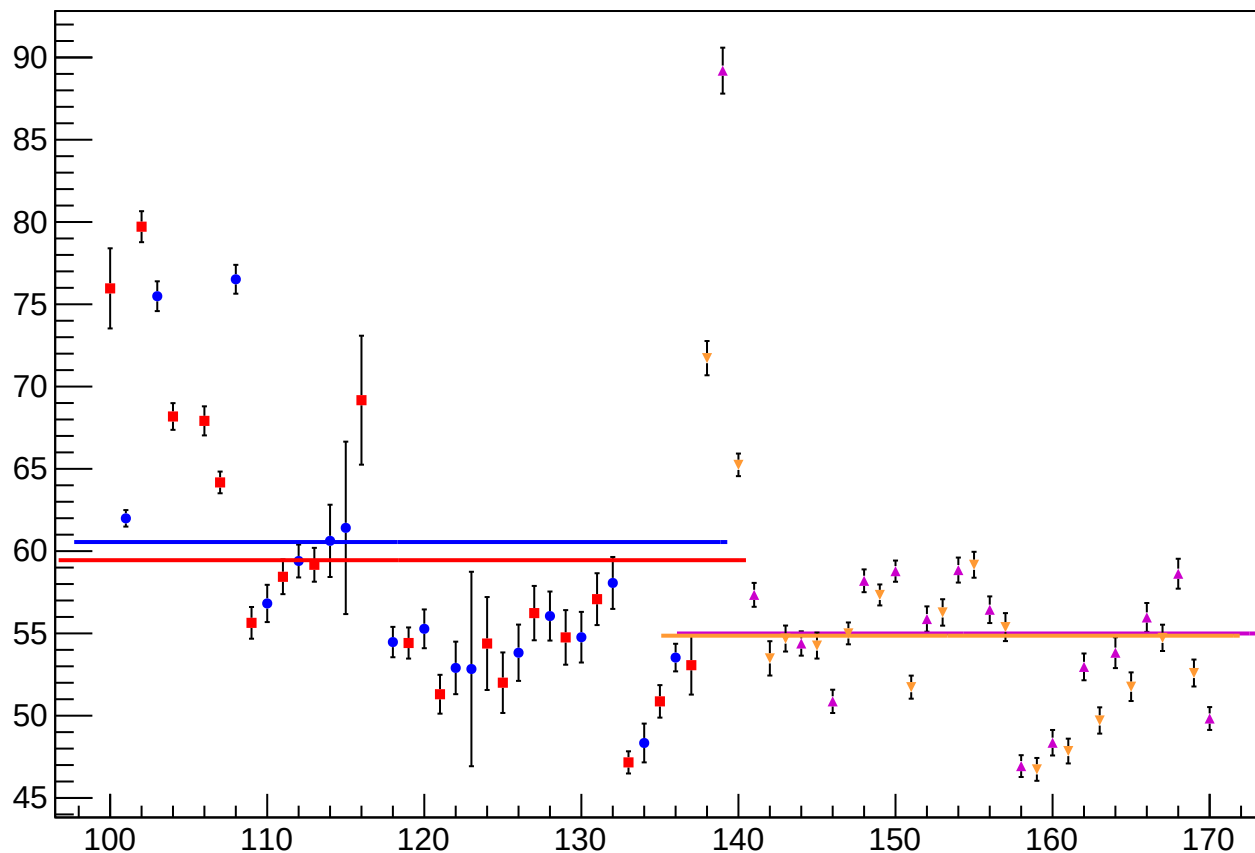
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.606+/-0.258 χ^2/NDF : 645.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.363+/-0.256 χ^2/NDF : 839.2/15

Left: -3.484+/-0.182 χ^2/NDF : 1485.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.363+/-0.256 χ^2/NDF : 839.2/15
 Out: -3.606+/-0.258 χ^2/NDF : 645.8/16

All: -3.484+/-0.182 χ^2/NDF : 1485.5/32

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.861 ± 0.188 $\chi^2/\text{NDF}: 847.7/16$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 54.995 ± 0.193 $\chi^2/\text{NDF}: 1032.8/15$

Left: 54.926 ± 0.135 $\chi^2/\text{NDF}: 1880.7/32$

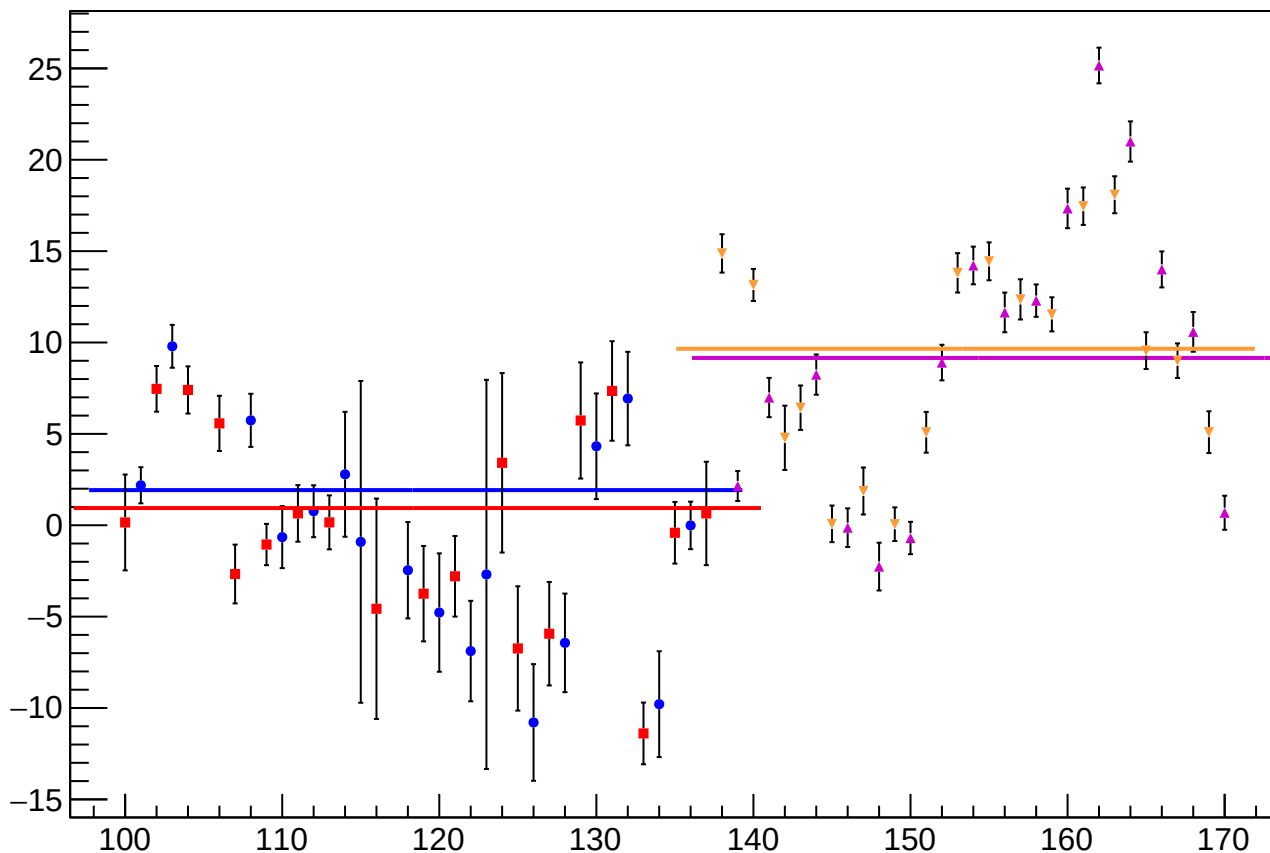
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 56.952 ± 0.155 $\chi^2/\text{NDF}: 2255.8/32$

Out: 56.540 ± 0.150 $\chi^2/\text{NDF}: 2386.6/35$

All: 56.738 ± 0.108 $\chi^2/\text{NDF}: 4646.0/68$

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: 9.658 ± 0.255 $\chi^2/\text{NDF}: 498.8/16$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.155 ± 0.251 $\chi^2/\text{NDF}: 947.7/15$

Left: 9.403 ± 0.179 $\chi^2/\text{NDF}: 1448.5/32$

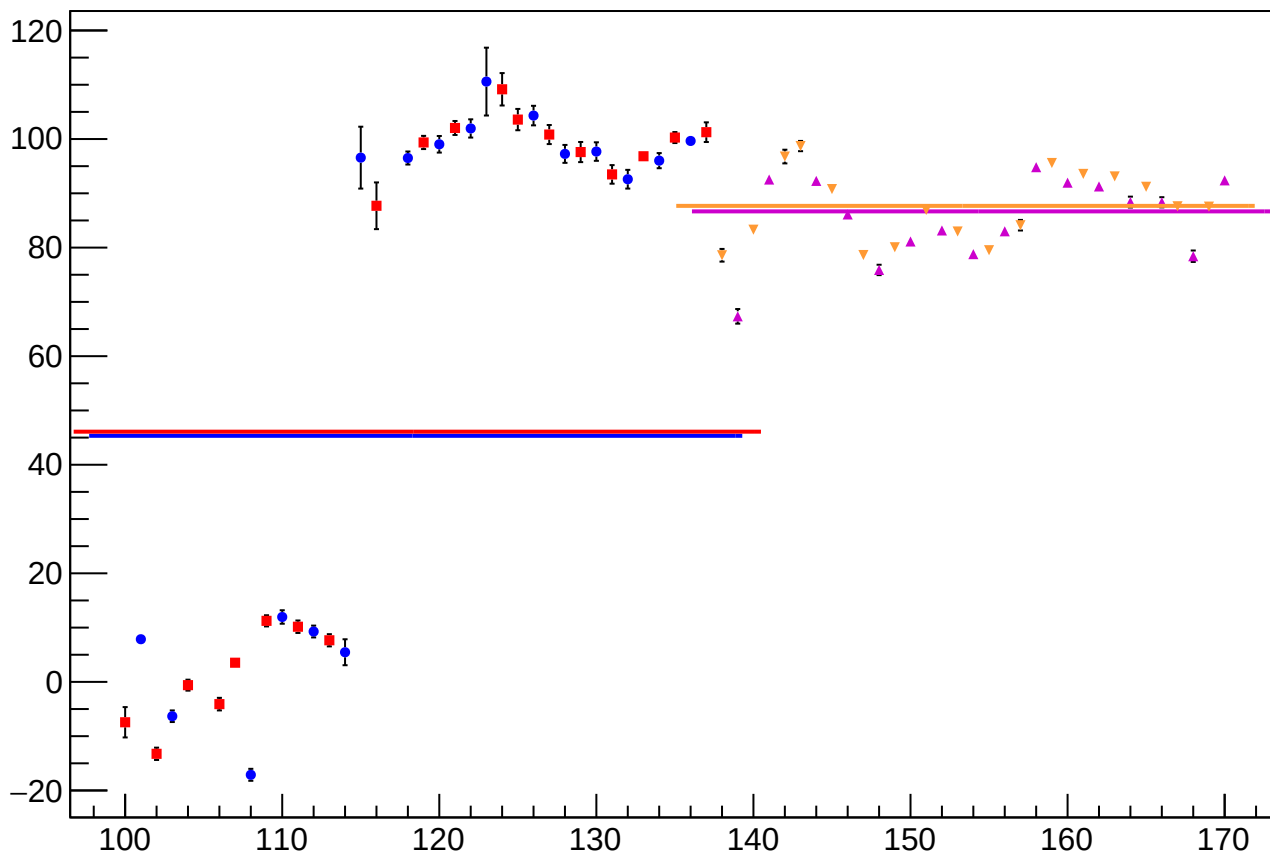
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.481 ± 0.220 $\chi^2/\text{NDF}: 1260.2/32$

Out: 7.340 ± 0.219 $\chi^2/\text{NDF}: 959.3/35$

All: 7.410 ± 0.155 $\chi^2/\text{NDF}: 2219.7/68$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.689+/-0.216 χ^2 /NDF:837.4/16

Right Out: 46.094+/-0.289 χ^2 /NDF: 28267.6/18

Left In: 86.672+/-0.220 χ^2 /NDF:917.5/15

Left: 87.188+/-0.154 χ^2 /NDF: 1765.8/32

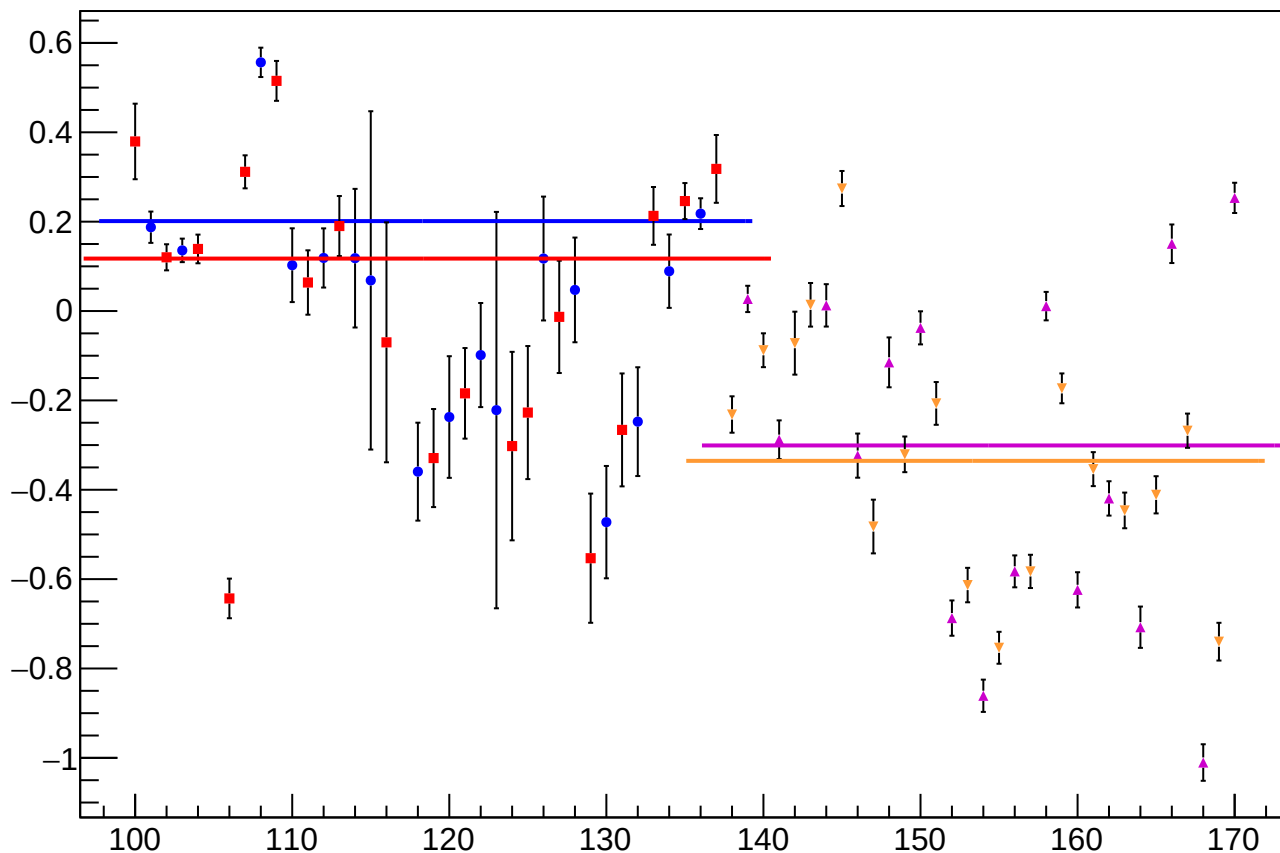
Right: 45.731+/-0.209 χ^2 /NDF: 53277.7/35

In: 72.477+/-0.178 χ^2 /NDF:38100.1/32

Out: 72.769+/-0.173 χ^2 /NDF:42371.0/35

All: 72.627+/-0.124 χ^2 /NDF: 80472.4/68

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.335 ± 0.010 χ^2/NDF : 731.9/16

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.301 ± 0.010 χ^2/NDF : 1557.1/15

Left: -0.318 ± 0.007 χ^2/NDF : 2295.2/32

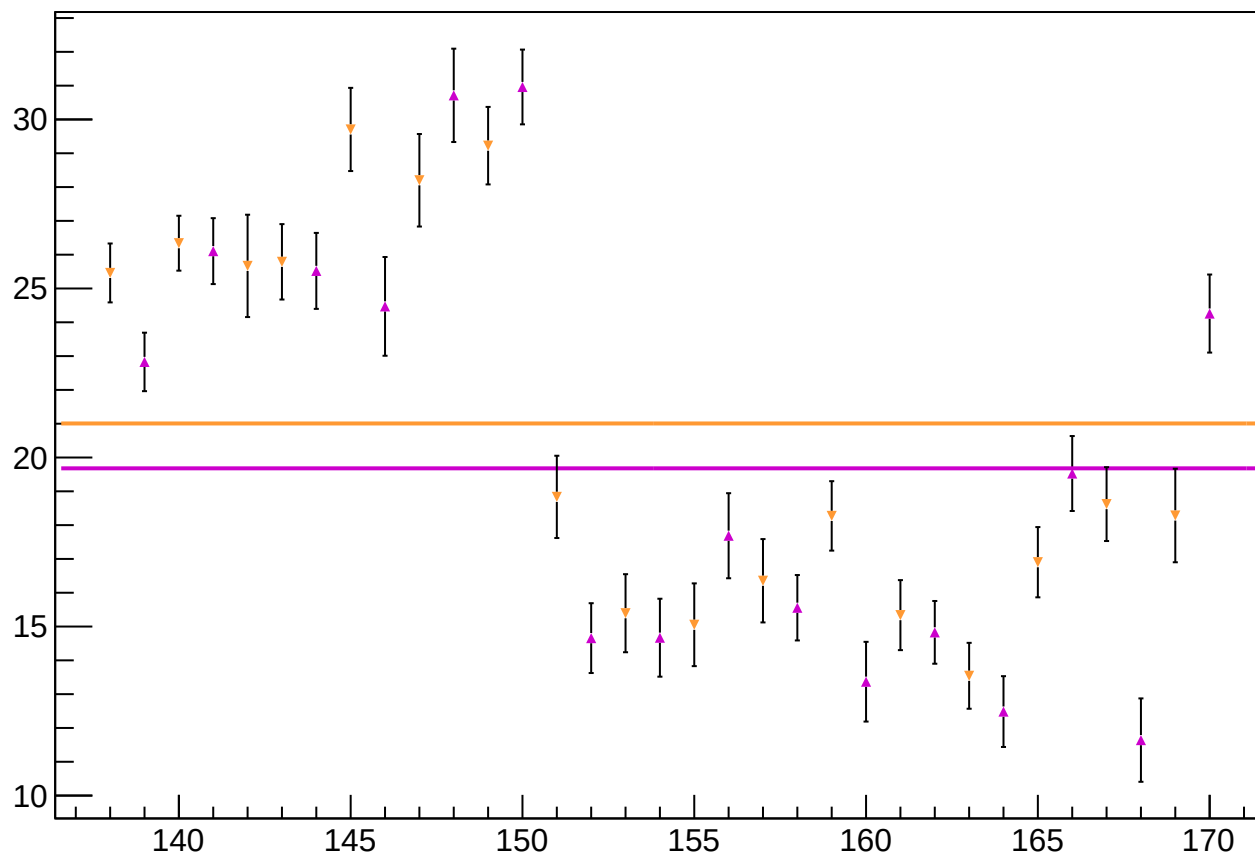
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.138 ± 0.008 χ^2/NDF : 2638.4/32

Out: -0.169 ± 0.008 χ^2/NDF : 1995.5/35

All: -0.153 ± 0.006 χ^2/NDF : 4641.3/68

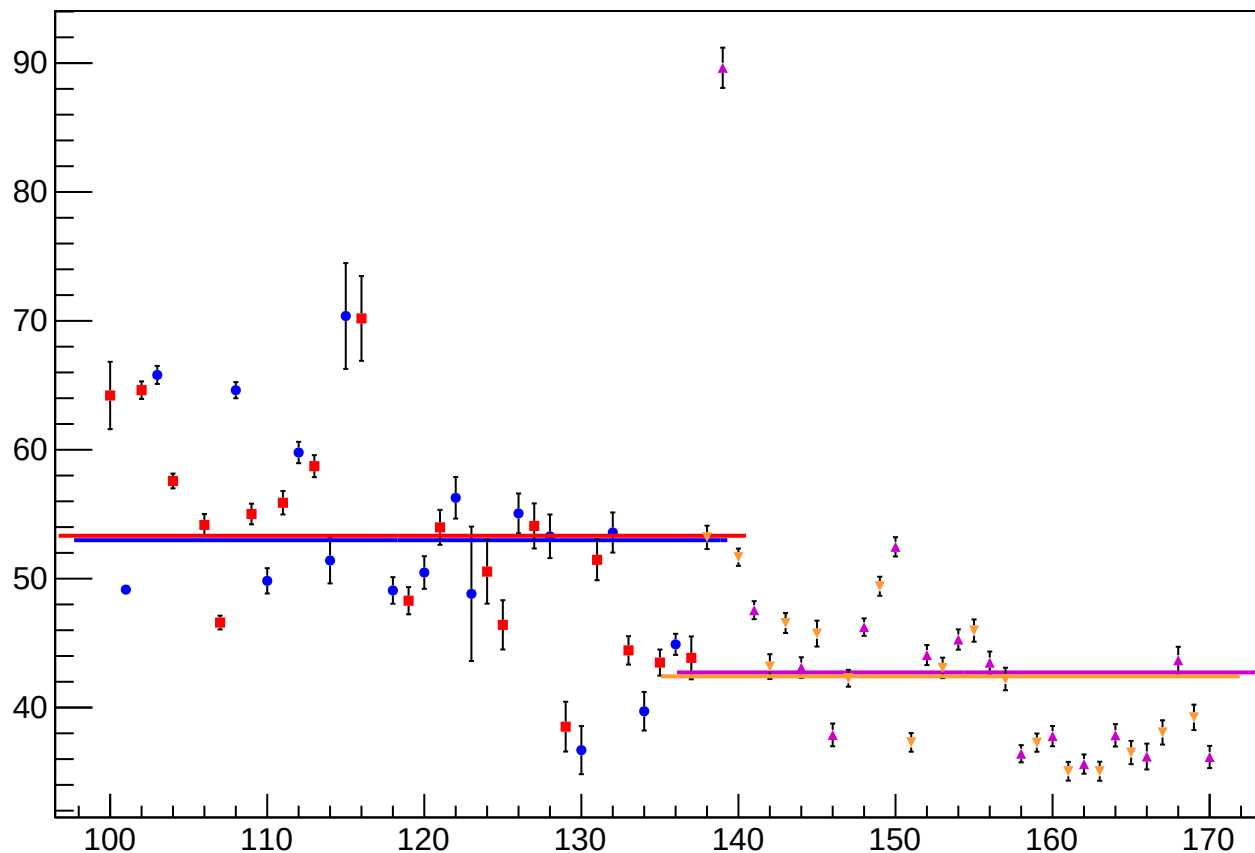
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.007 $\pm$ 0.267 χ^2 /NDF:410.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.680 $\pm$ 0.273 χ^2 /NDF:487.0/15

Left: 20.358 $\pm$ 0.191 χ^2 /NDF: 909.8/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.680 $\pm$ 0.273 χ^2 /NDF:487.0/15
 Out: 21.007 $\pm$ 0.267 χ^2 /NDF:410.7/16
 All: 20.358 $\pm$ 0.191 χ^2 /NDF: 909.8/32

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: 42.420 $\pm$ 0.194 χ^2 /NDF: 860.0/16

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 42.725 $\pm$ 0.204 χ^2 /NDF: 1541.7/15

Left: 42.565 $\pm$ 0.140 χ^2 /NDF: 2402.9/32

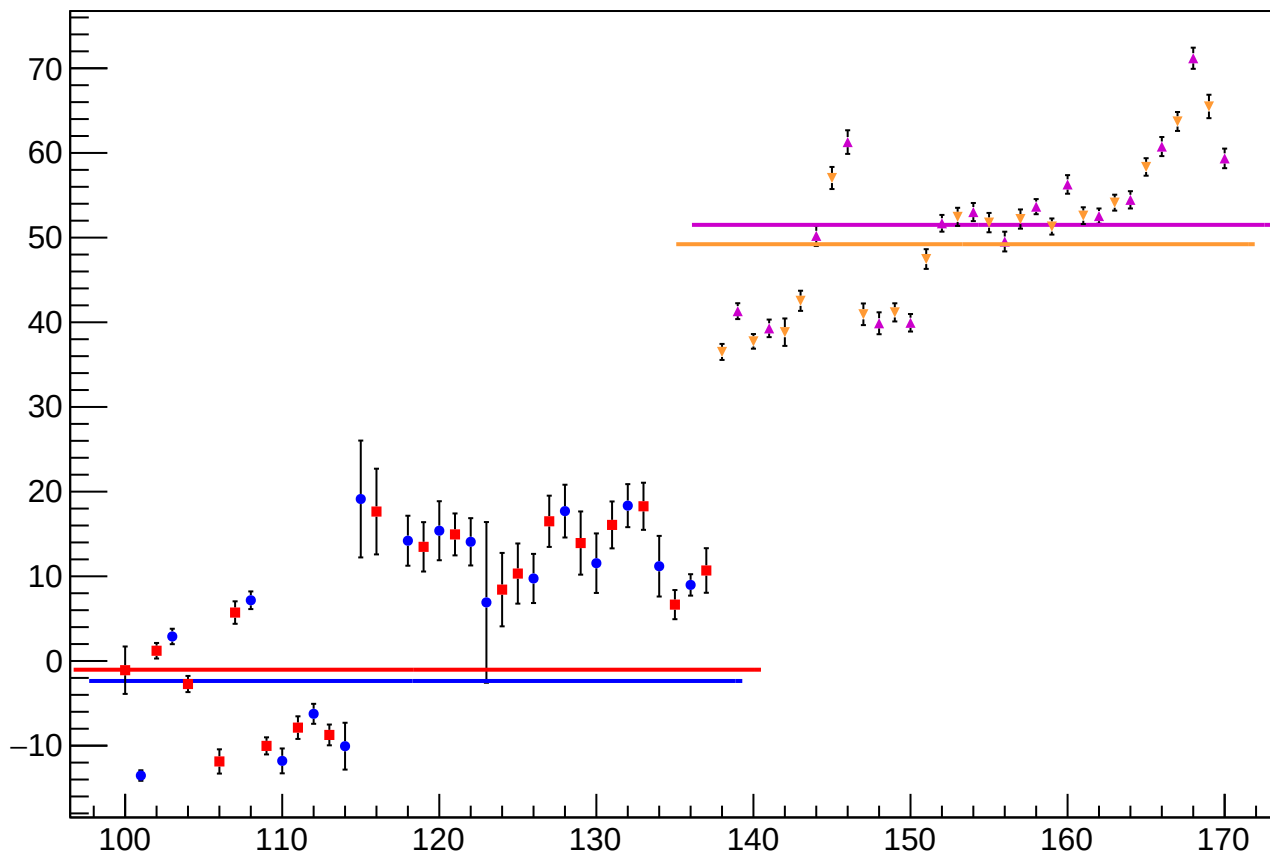
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 47.691 $\pm$ 0.146 χ^2 /NDF: 3967.7/32

Out: 47.031 $\pm$ 0.147 χ^2 /NDF: 3073.2/35

All: 47.363 $\pm$ 0.104 χ^2 /NDF: 7051.0/68

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: 49.221 ± 0.265 $\chi^2/\text{NDF}: 1015.7/16$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 51.506 ± 0.268 $\chi^2/\text{NDF}: 914.4/15$

Left: 50.349 ± 0.188 $\chi^2/\text{NDF}: 1966.9/32$

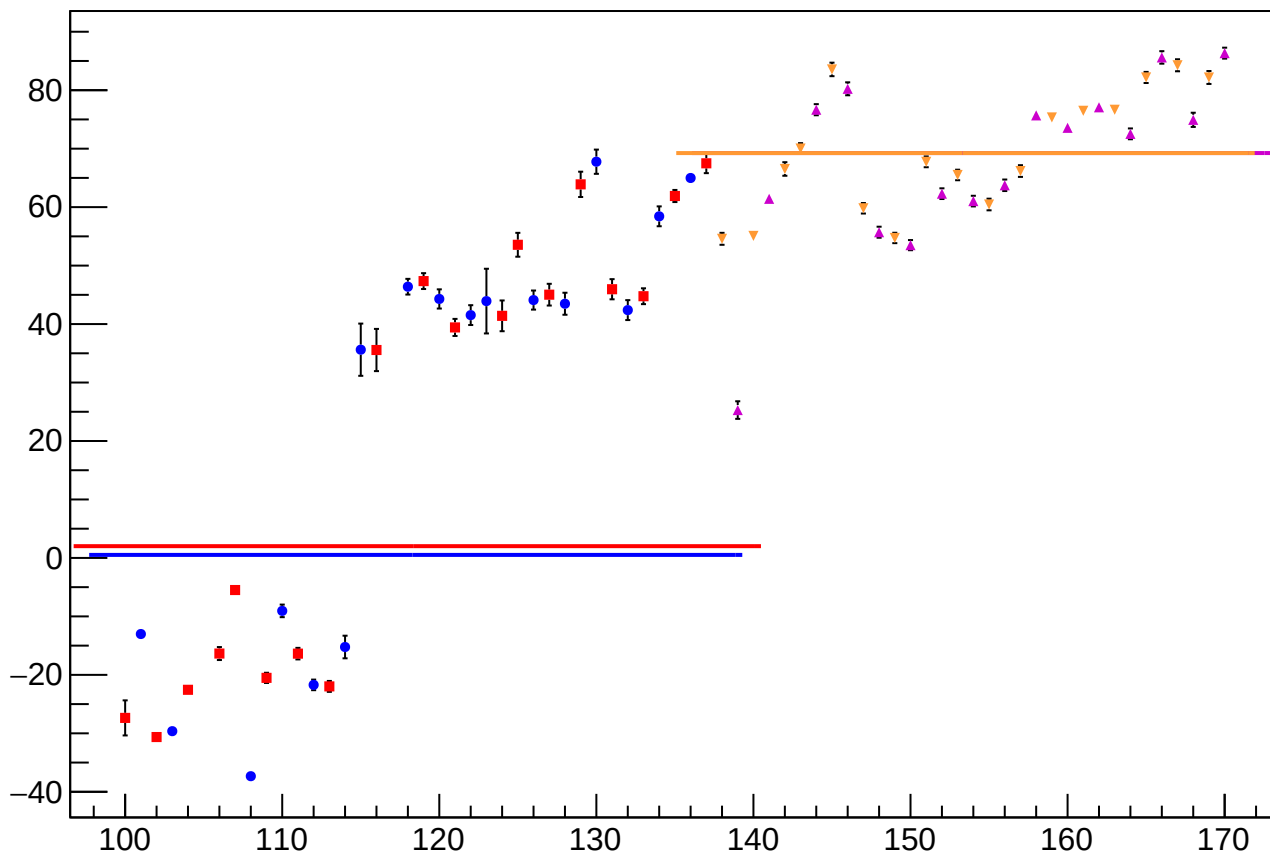
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 32.572 ± 0.216 $\chi^2/\text{NDF}: 15943.4/32$

Out: 32.625 ± 0.217 $\chi^2/\text{NDF}: 13435.1/35$

All: 32.598 ± 0.153 $\chi^2/\text{NDF}: 29378.5/68$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 69.246+/-0.223 χ^2/NDF :1935.2/16

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 69.250+/-0.232 χ^2/NDF :2618.5/15

Left: 69.248+/-0.161 χ^2/NDF : 4553.7/32

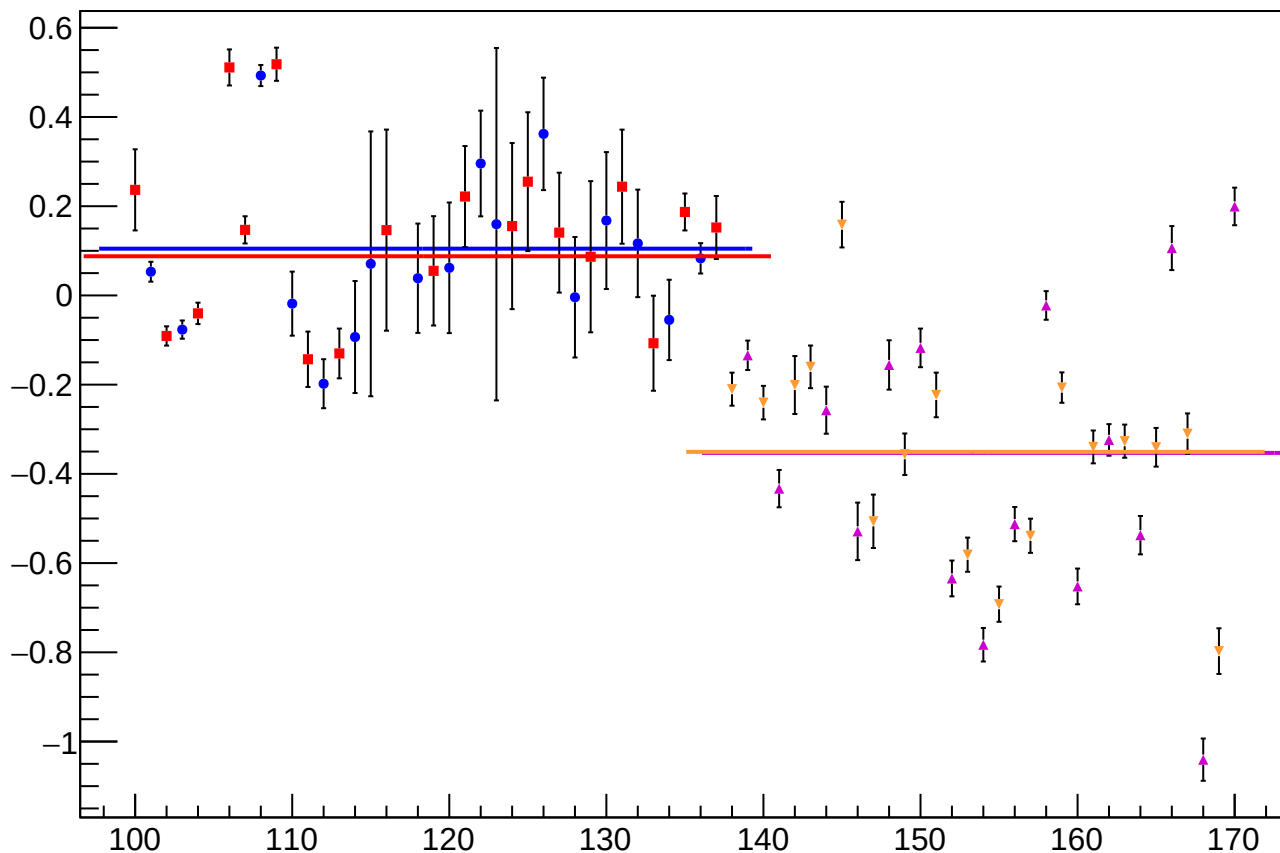
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 37.030+/-0.169 χ^2/NDF :62163.3/32

Out: 41.485+/-0.171 χ^2/NDF :54818.3/35

All: 39.230+/-0.120 χ^2/NDF : 117324.6/68

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.351 ± 0.010 χ^2/NDF : 387.1/16

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.353 ± 0.010 χ^2/NDF : 948.3/15

Left: -0.352 ± 0.007 χ^2/NDF : 1335.4/32

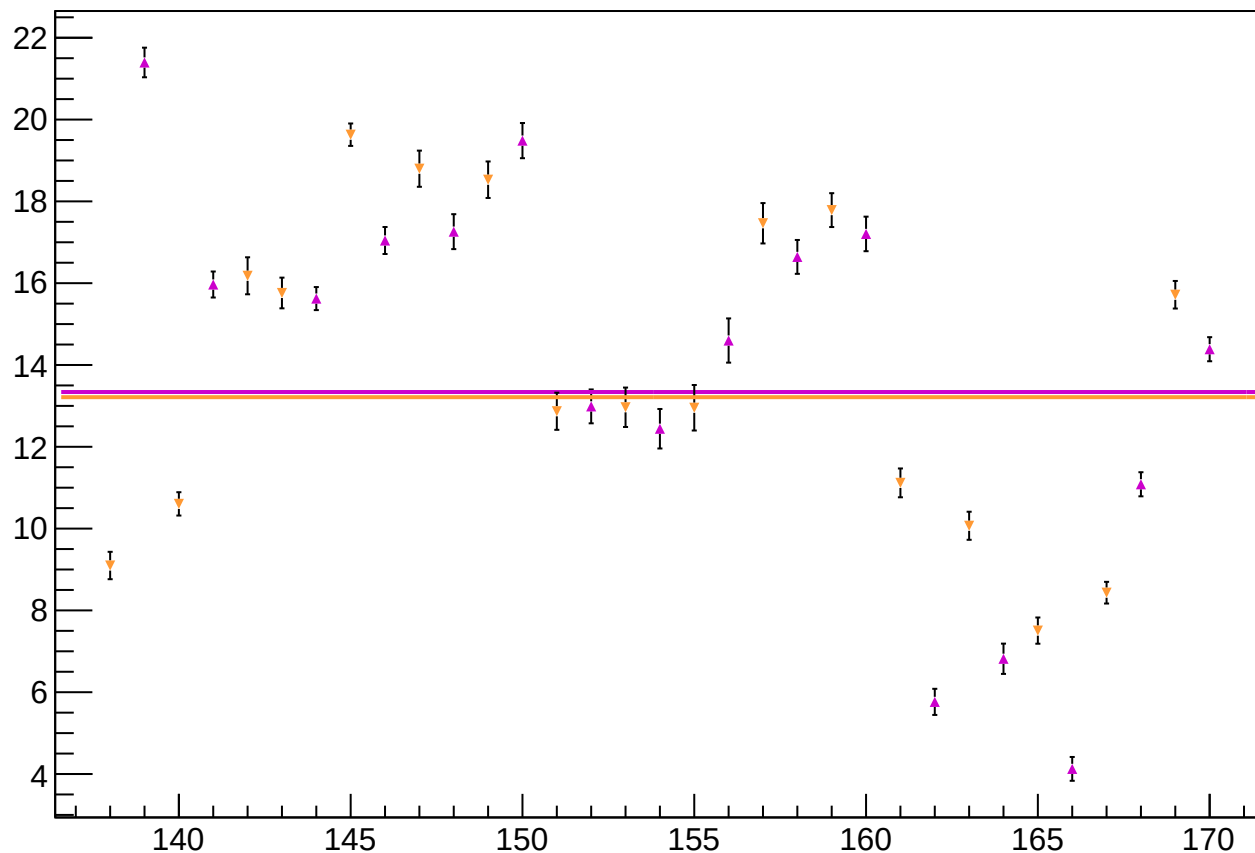
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.138 ± 0.008 χ^2/NDF : 2263.8/32

Out: -0.145 ± 0.008 χ^2/NDF : 1621.8/35

All: -0.142 ± 0.005 χ^2/NDF : 3886.0/68

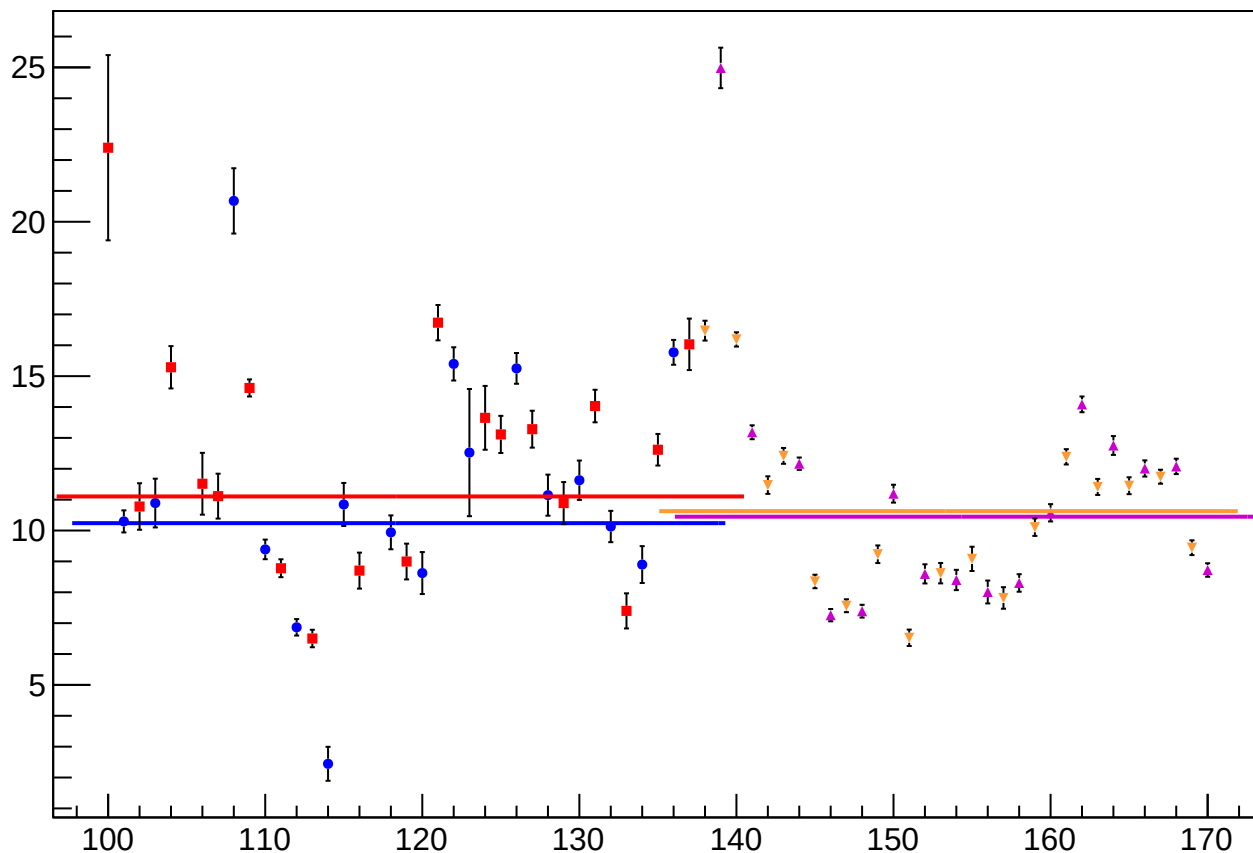
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 13.213 $\pm$ 0.088 χ^2 /NDF:2187.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.339 $\pm$ 0.089 χ^2 /NDF:3145.2/15

Left: 13.276 $\pm$ 0.063 χ^2 /NDF: 5333.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.339 $\pm$ 0.089 χ^2 /NDF:3145.2/15
 Out: 13.213 $\pm$ 0.088 χ^2 /NDF:2187.7/16
 All: 13.276 $\pm$ 0.063 χ^2 /NDF: 5333.9/32

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.627 $\pm$ 0.064 χ^2 /NDF:1787.3/16

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 10.448 $\pm$ 0.065 χ^2 /NDF:1768.8/15

Left: 10.539 $\pm$ 0.046 χ^2 /NDF: 3559.9/32

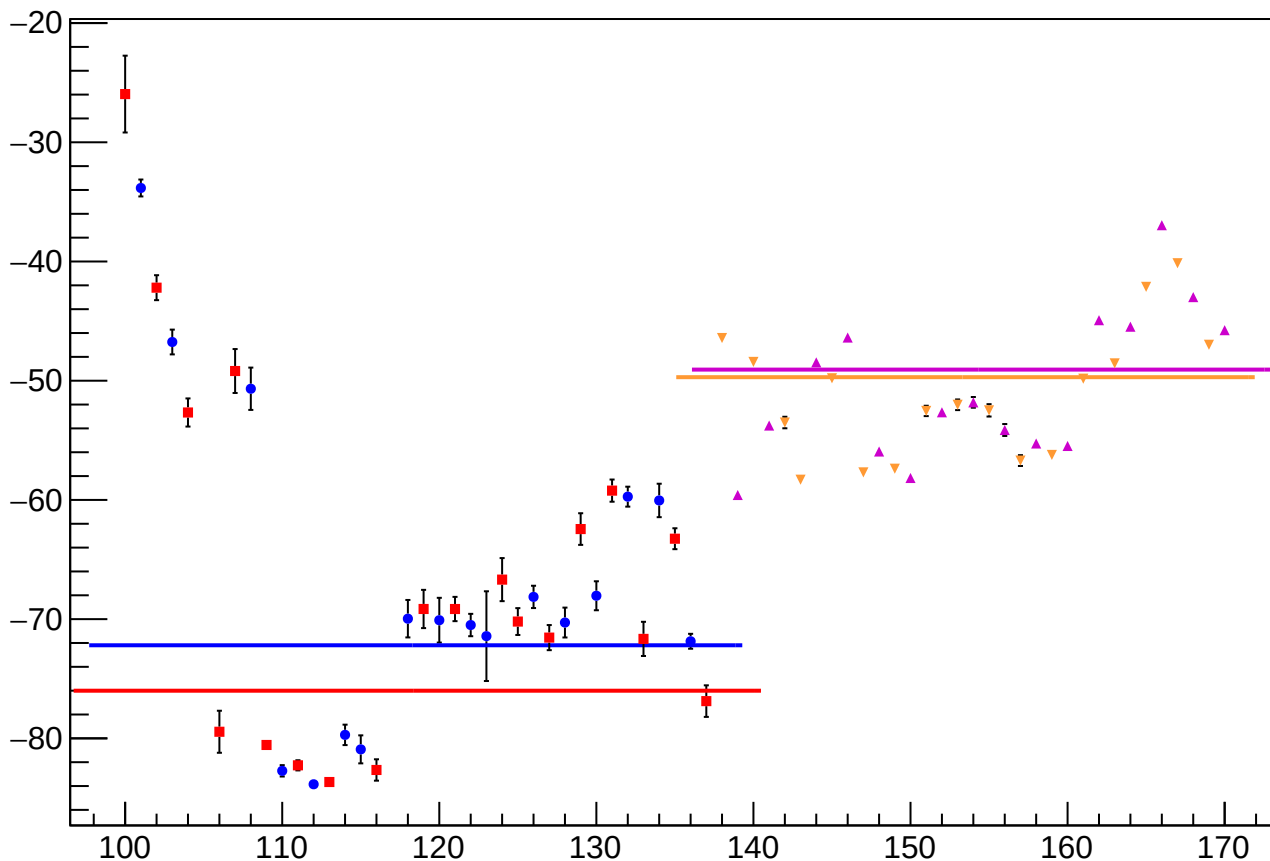
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.400 $\pm$ 0.057 χ^2 /NDF:2638.6/32

Out: 10.738 $\pm$ 0.056 χ^2 /NDF:2615.4/35

All: 10.572 $\pm$ 0.040 χ^2 /NDF: 5271.8/68

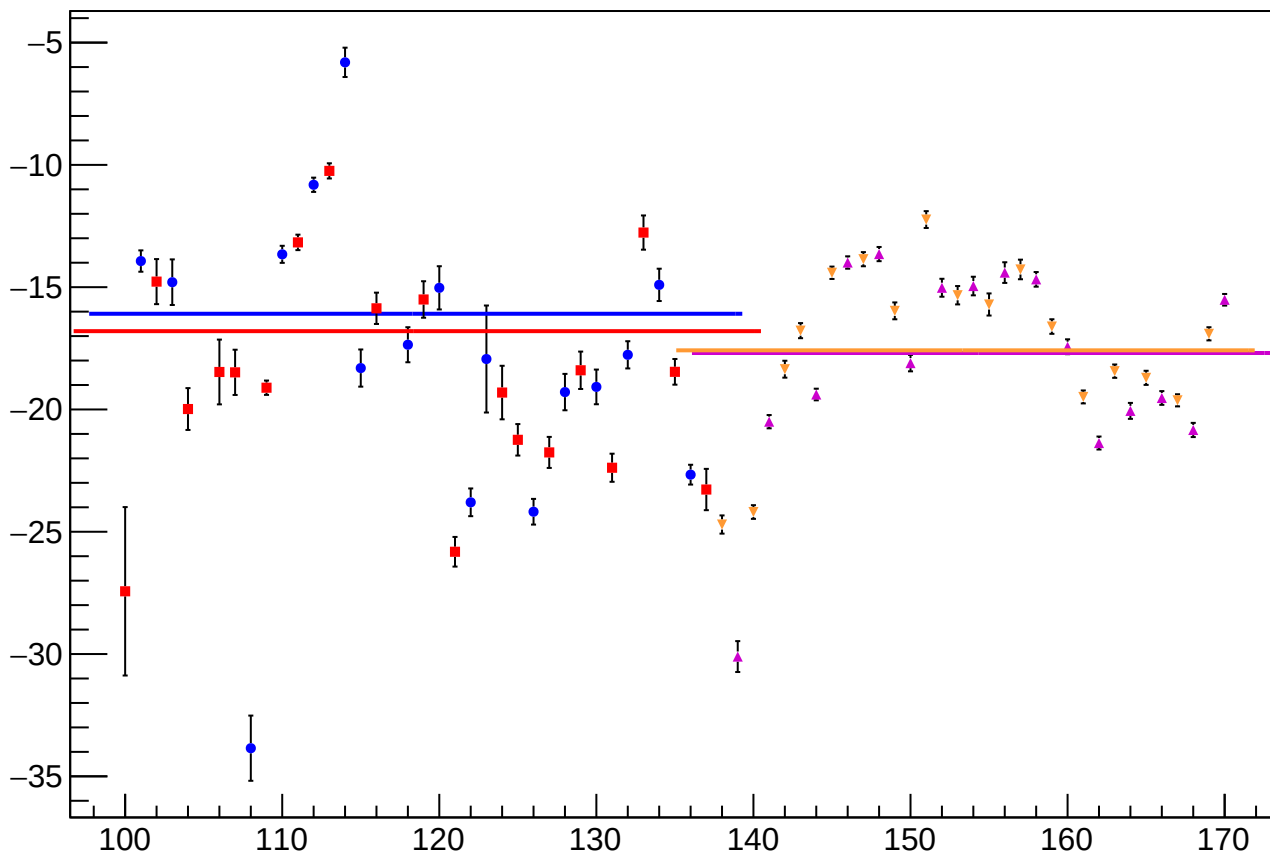
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16
 Left Out: -49.704 ± 0.088 χ^2/NDF : 3845.5/16
 Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18
 Left In: -49.068 ± 0.088 χ^2/NDF : 5038.2/15

Left: -49.384 ± 0.062 χ^2/NDF : 8909.8/32
 Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35
 In: -52.865 ± 0.080 χ^2/NDF : 21985.8/32
 Out: -54.769 ± 0.079 χ^2/NDF : 24366.6/35
 All: -53.827 ± 0.056 χ^2/NDF : 46636.7/68

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -17.583 $\pm$ 0.074 χ^2 /NDF:1803.9/16

Right Out: -16.798 $\pm$ 0.128 χ^2 /NDF: 1214.0/18

Left In: -17.691 $\pm$ 0.075 χ^2 /NDF:1708.8/15

Left: -17.636 $\pm$ 0.053 χ^2 /NDF: 3513.7/32

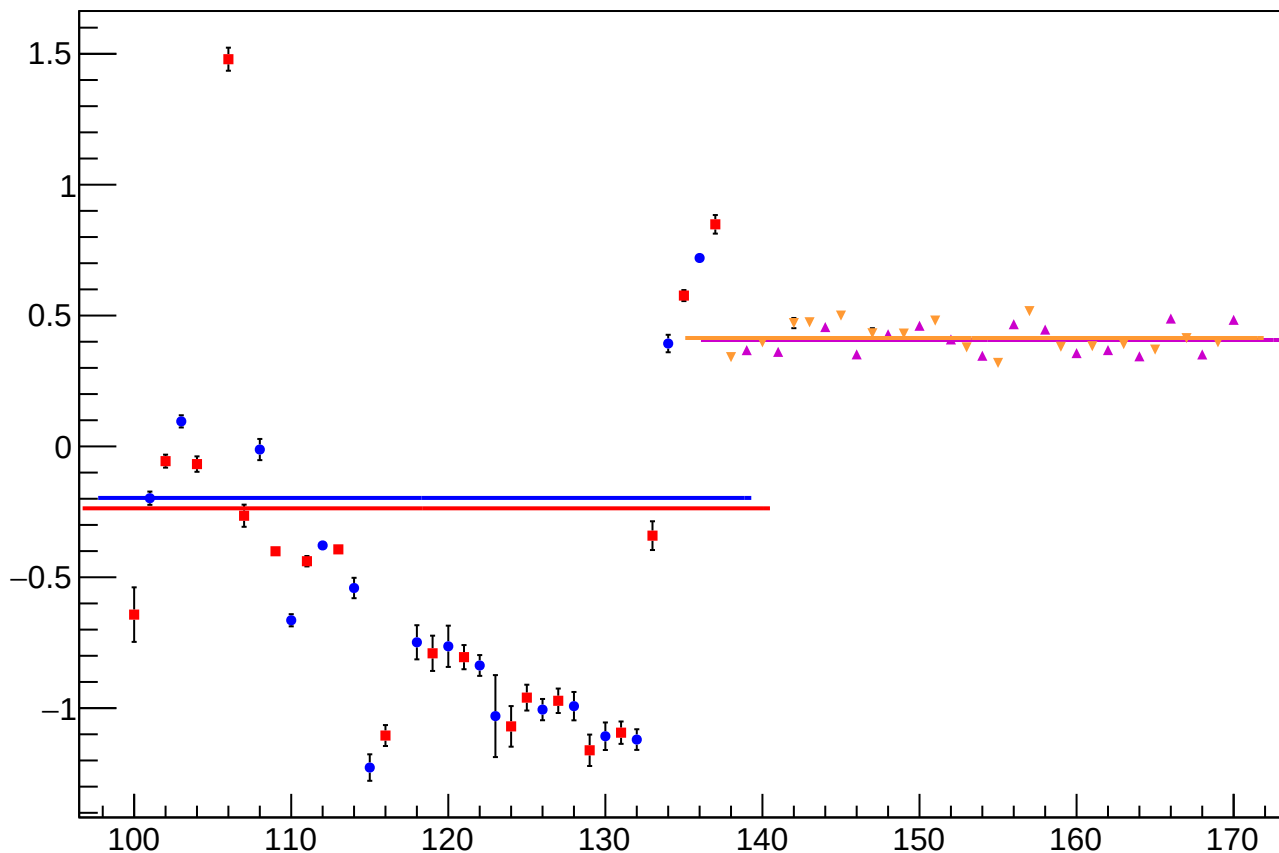
Right: -16.454 $\pm$ 0.092 χ^2 /NDF: 2850.6/35

In: -17.301 $\pm$ 0.065 χ^2 /NDF:3441.6/32

Out: -17.386 $\pm$ 0.064 χ^2 /NDF:3046.0/35

All: -17.345 $\pm$ 0.046 χ^2 /NDF: 6488.4/68

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.414 ± 0.003 χ^2/NDF : 226.2/16

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.407 ± 0.003 χ^2/NDF : 249.3/15

Left: 0.410 ± 0.002 χ^2/NDF : 478.0/32

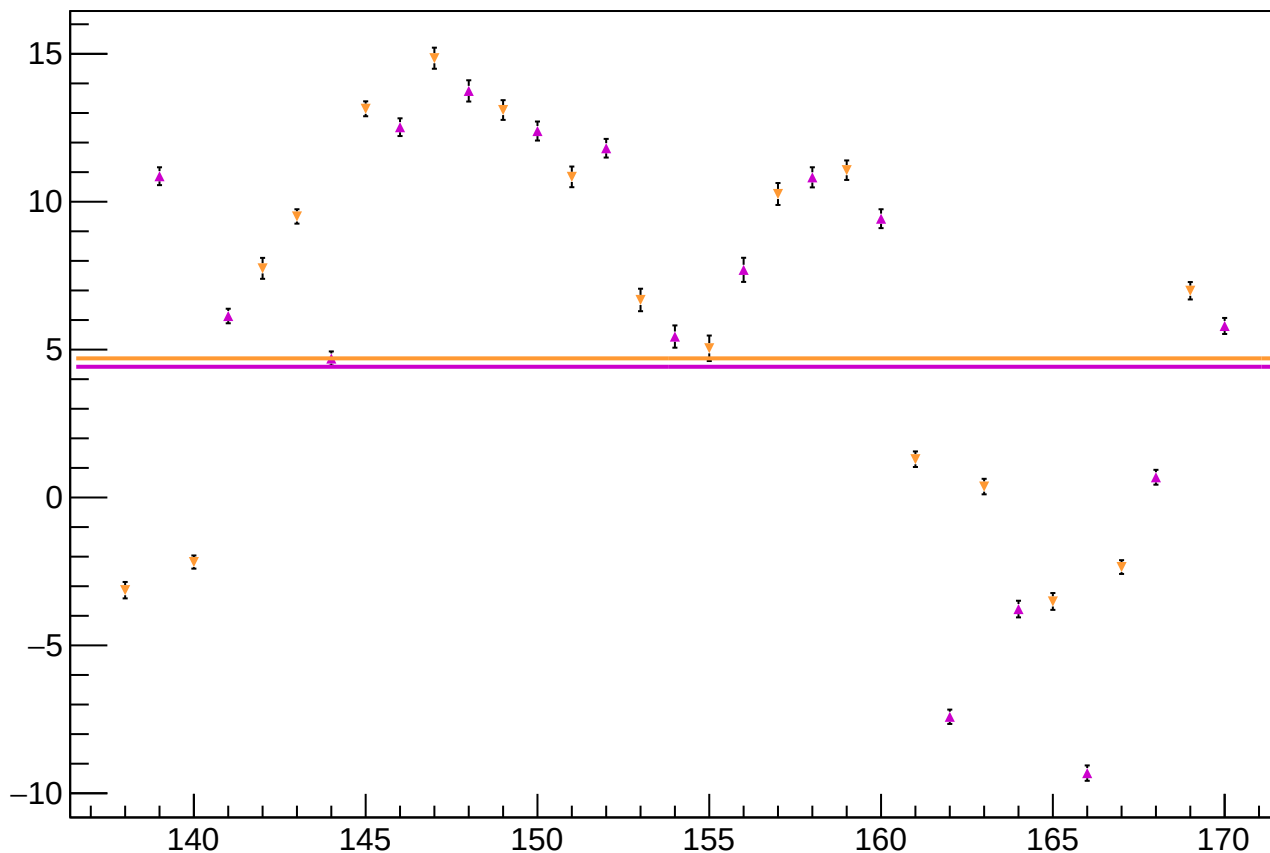
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.301 ± 0.003 χ^2/NDF : 11856.6/32

Out: 0.290 ± 0.003 χ^2/NDF : 13108.7/35

All: 0.296 ± 0.002 χ^2/NDF : 24972.0/68

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.704 $\pm$ 0.071 χ^2 /NDF:7963.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.420 $\pm$ 0.073 χ^2 /NDF:10017.5/15

Left: 4.566 $\pm$ 0.051 χ^2 /NDF: 17988.9/32

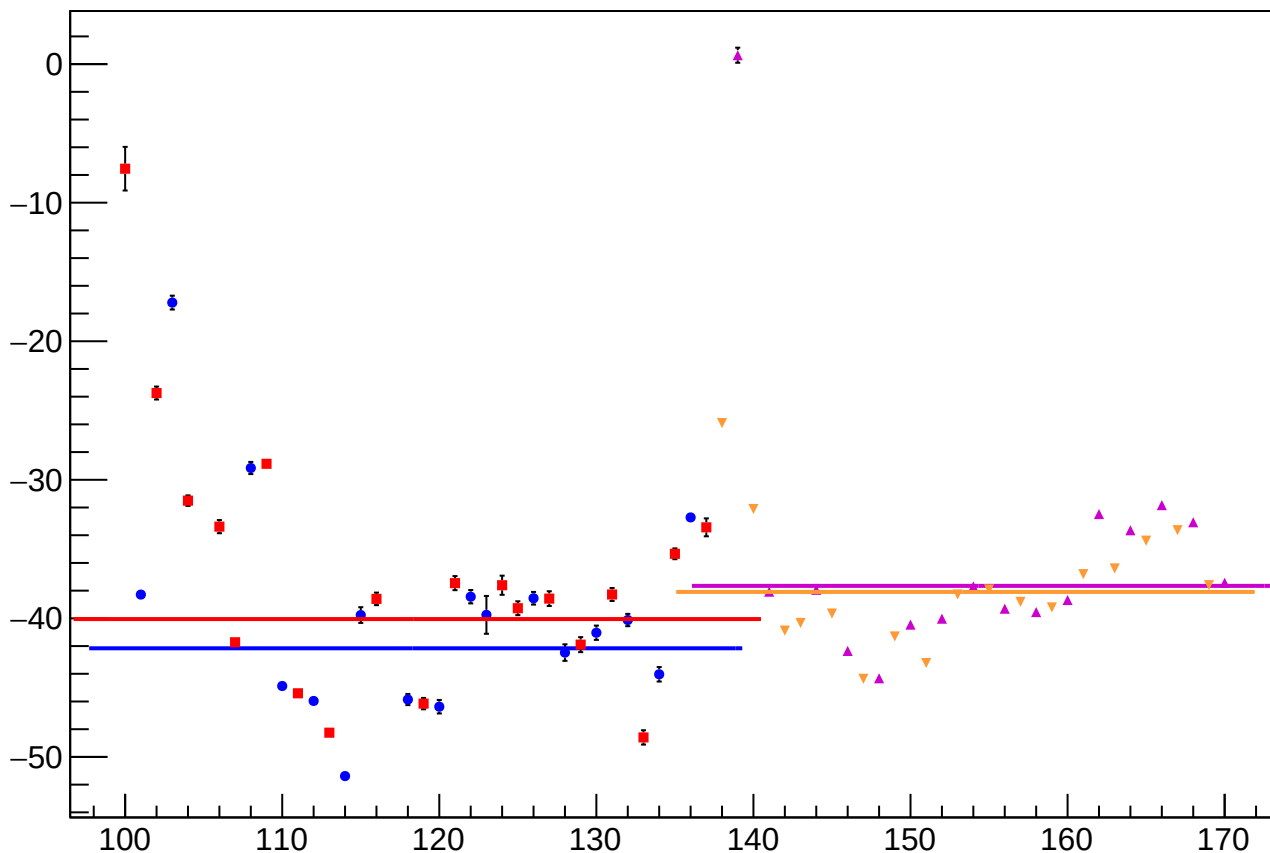
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.420 $\pm$ 0.073 χ^2 /NDF:10017.5/15

Out: 4.704 $\pm$ 0.071 χ^2 /NDF:7963.6/16

All: 4.566 $\pm$ 0.051 χ^2 /NDF: 17988.9/32

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.093 ± 0.051 χ^2/NDF : 6631.0/16

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -37.655 ± 0.054 χ^2/NDF : 9512.8/15

Left: -37.884 ± 0.037 χ^2/NDF : 16178.8/32

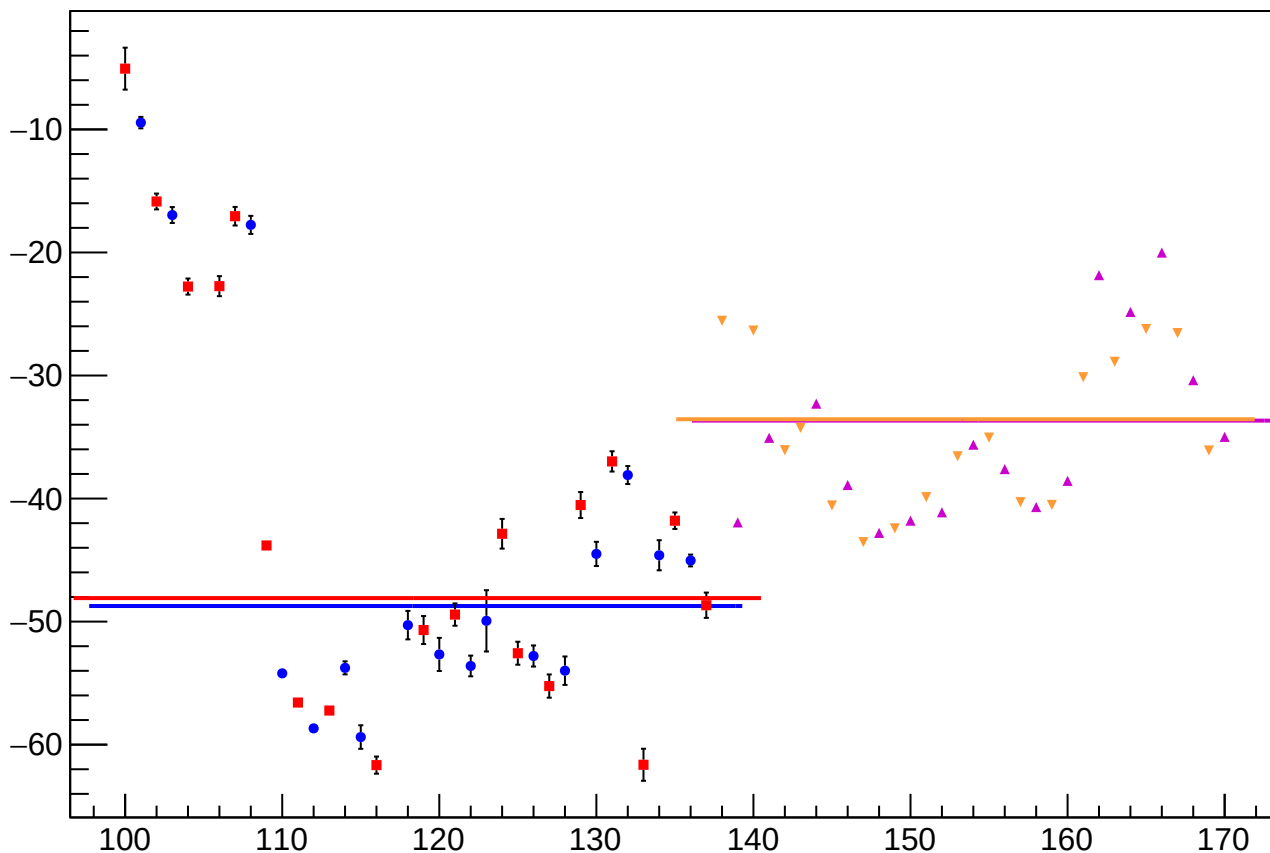
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -39.100 ± 0.044 χ^2/NDF : 18354.2/32

Out: -38.740 ± 0.042 χ^2/NDF : 18426.6/35

All: -38.910 ± 0.030 χ^2/NDF : 36815.8/68

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -33.555 ± 0.071 $\chi^2/\text{NDF}: 7560.5/16$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.665 ± 0.072 $\chi^2/\text{NDF}: 10470.8/15$

Left: -33.609 ± 0.050 $\chi^2/\text{NDF}: 18032.5/32$

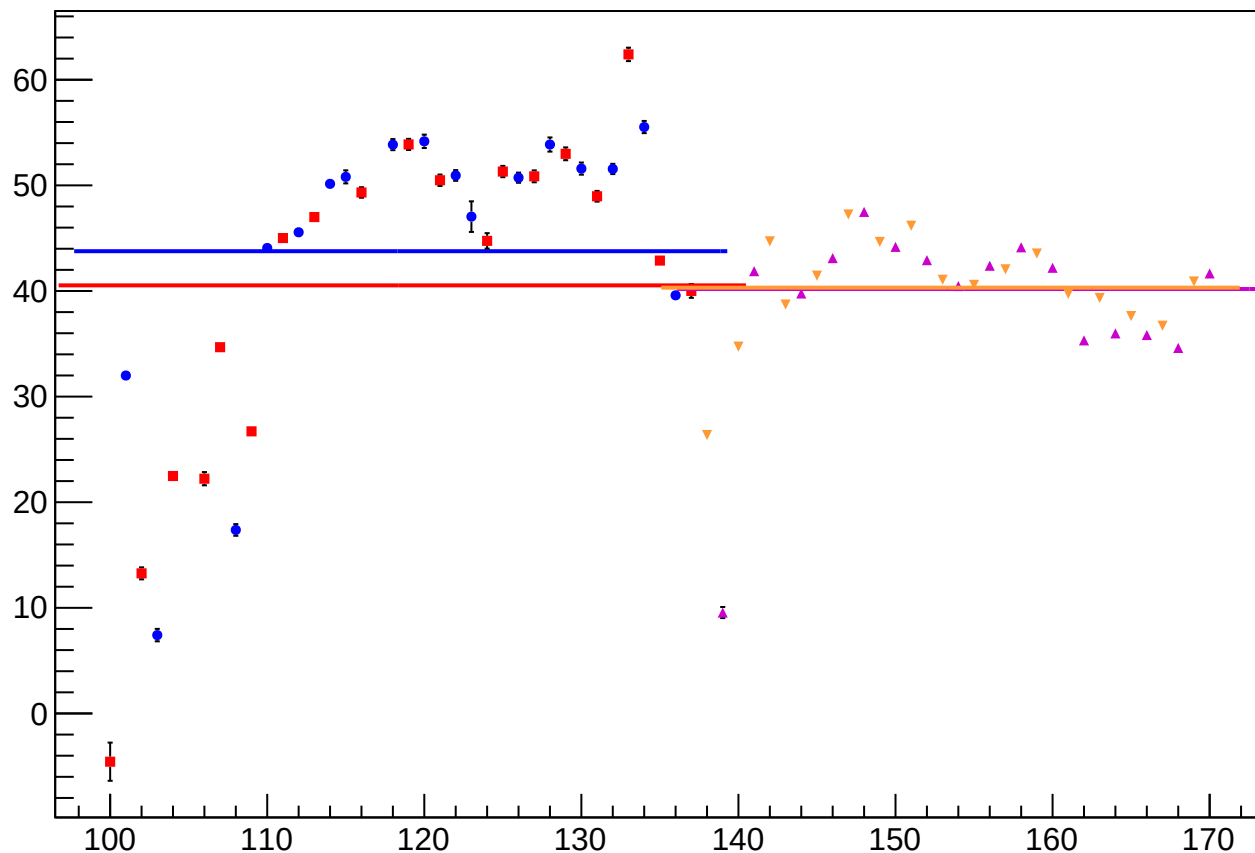
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -37.423 ± 0.062 $\chi^2/\text{NDF}: 36091.9/32$

Out: -37.971 ± 0.059 $\chi^2/\text{NDF}: 32084.2/35$

All: -37.712 ± 0.043 $\chi^2/\text{NDF}: 68216.8/68$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 χ^2/NDF : 10633.5/16

Left Out: 40.314 ± 0.059 χ^2/NDF : 5309.0/16

Right Out: 40.531 ± 0.080 χ^2/NDF : 17580.8/18

Left In: 40.188 ± 0.062 χ^2/NDF : 6977.9/15

Left: 40.253 ± 0.043 χ^2/NDF : 12289.2/32

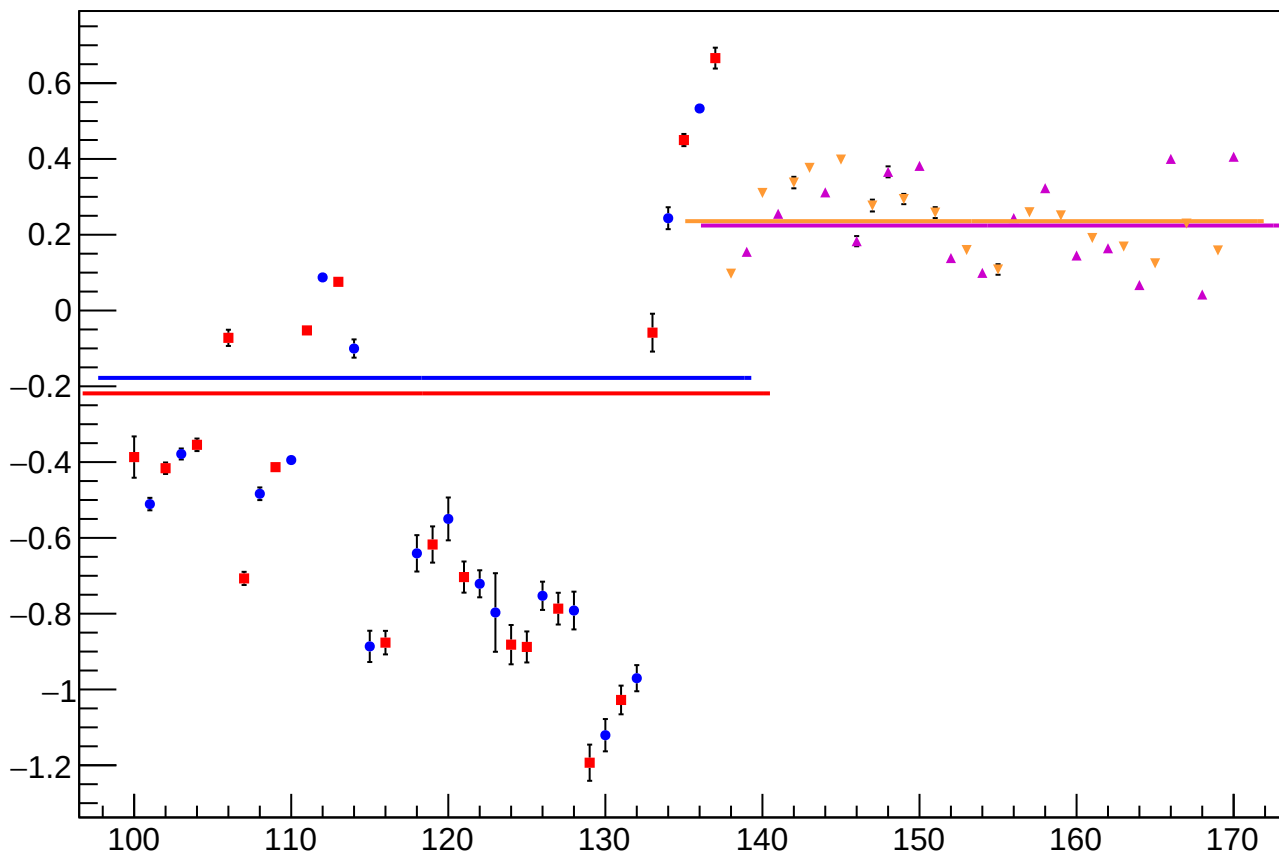
Right: 42.021 ± 0.059 χ^2/NDF : 28963.8/35

In: 41.384 ± 0.050 χ^2/NDF : 18743.2/32

Out: 40.391 ± 0.048 χ^2/NDF : 22894.6/35

All: 40.861 ± 0.035 χ^2/NDF : 41844.0/68

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.236 ± 0.003 χ^2/NDF : 1012.4/16

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.224 ± 0.003 χ^2/NDF : 1800.4/15

Left: 0.230 ± 0.002 χ^2/NDF : 2821.2/32

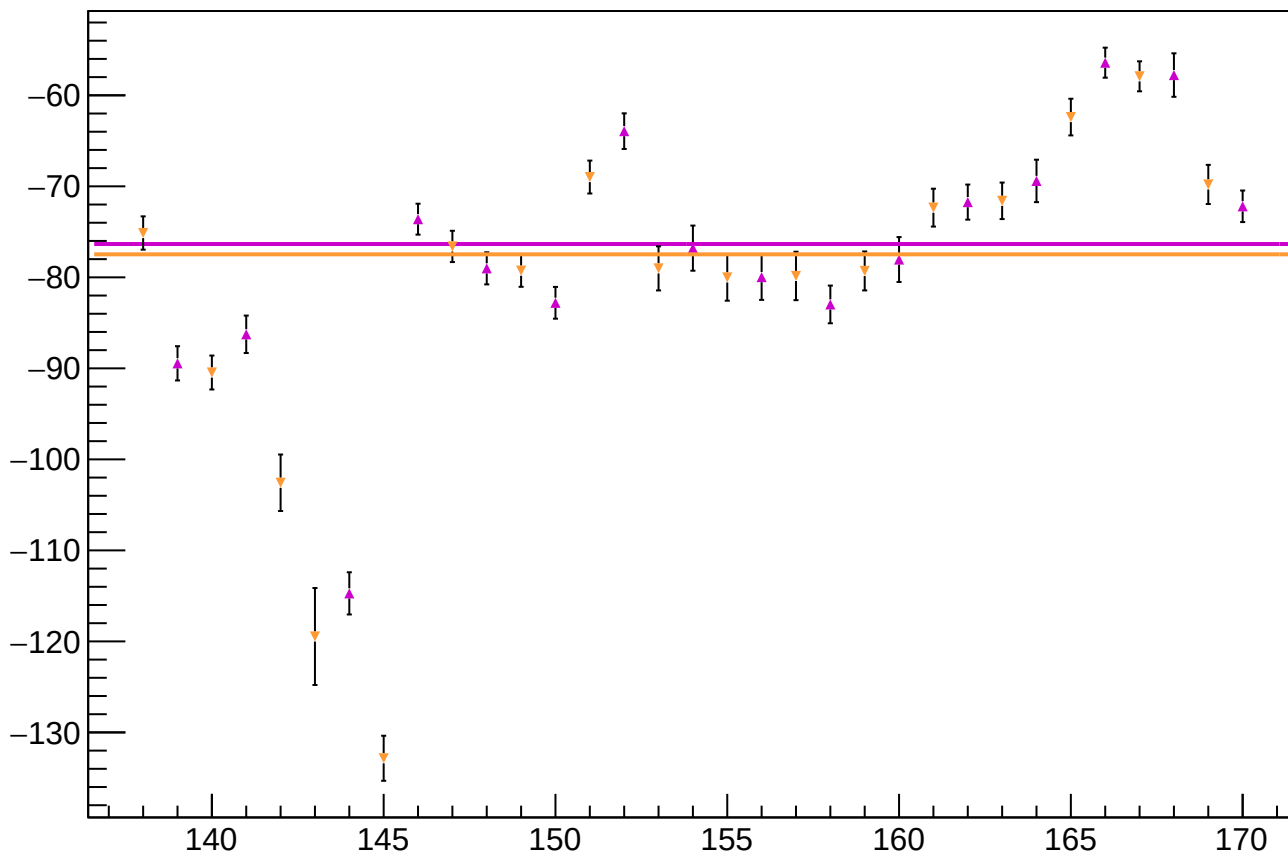
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.122 ± 0.002 χ^2/NDF : 14305.1/32

Out: 0.101 ± 0.002 χ^2/NDF : 16332.7/35

All: 0.111 ± 0.002 χ^2/NDF : 30676.5/68

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



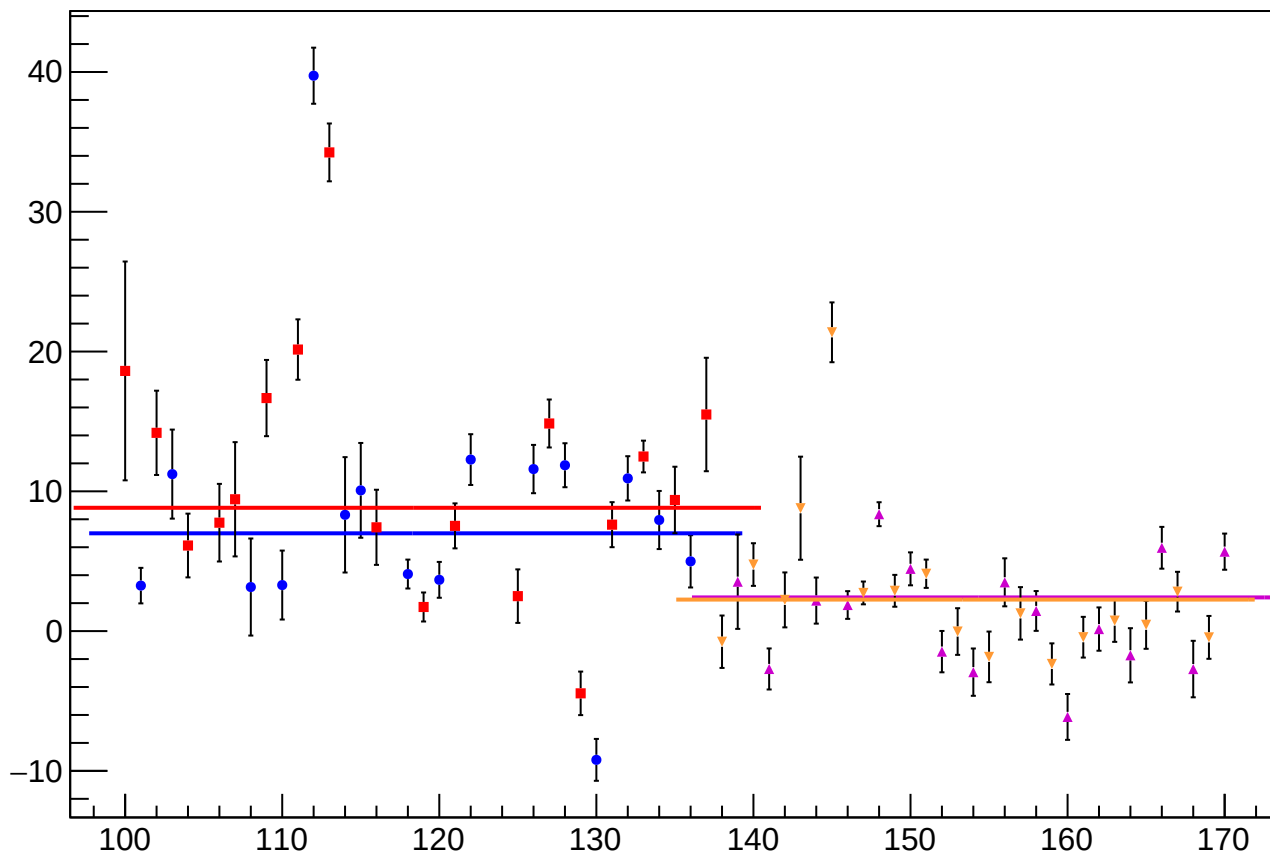
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -77.472 $\pm$ 0.510 χ^2/NDF :928.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -76.339 $\pm$ 0.499 χ^2/NDF :644.2/15

Left: -76.893 $\pm$ 0.357 χ^2/NDF : 1575.2/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -76.339 $\pm$ 0.499 χ^2/NDF :644.2/15
 Out: -77.472 $\pm$ 0.510 χ^2/NDF :928.5/16

All: -76.893 $\pm$ 0.357 χ^2/NDF : 1575.2/32

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: 2.255 ± 0.352 $\chi^2/\text{NDF}: 118.1/16$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.410 ± 0.353 $\chi^2/\text{NDF}: 134.0/15$

Left: 2.332 ± 0.249 $\chi^2/\text{NDF}: 252.2/32$

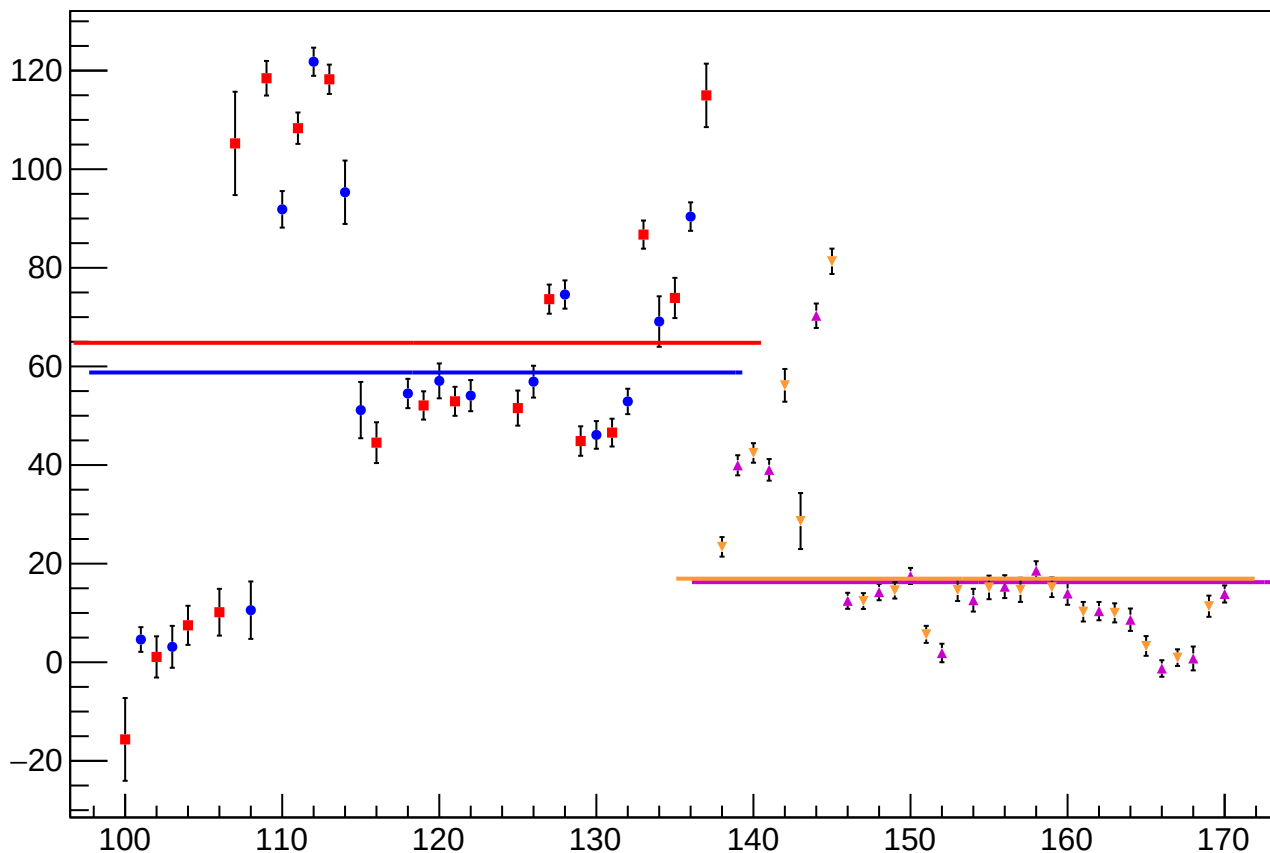
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.238 ± 0.274 $\chi^2/\text{NDF}: 646.4/31$

Out: 4.753 ± 0.277 $\chi^2/\text{NDF}: 601.2/34$

All: 4.493 ± 0.195 $\chi^2/\text{NDF}: 1249.4/66$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 16.954 $\pm$ 0.500 χ^2 /NDF:1170.7/16

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 16.245 $\pm$ 0.488 χ^2 /NDF:963.2/15

Left: 16.591 $\pm$ 0.349 χ^2 /NDF: 2135.0/32

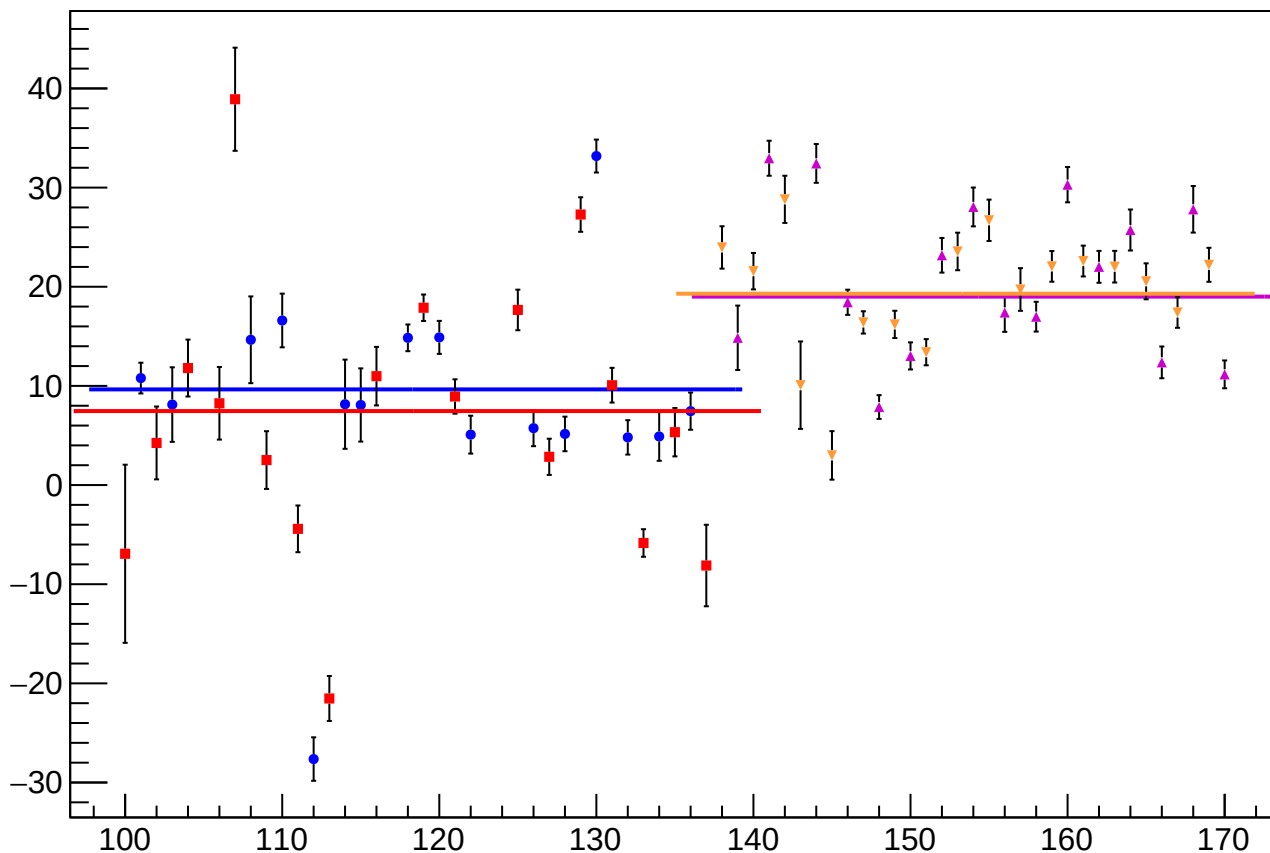
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 27.118 $\pm$ 0.421 χ^2 /NDF:4396.7/31

Out: 29.462 $\pm$ 0.430 χ^2 /NDF:5281.3/34

All: 28.266 $\pm$ 0.301 χ^2 /NDF: 9693.2/66

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.300 ± 0.415 $\chi^2/\text{NDF}: 136.0/16$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 19.004 ± 0.414 $\chi^2/\text{NDF}: 363.4/15$

Left: 19.151 ± 0.293 $\chi^2/\text{NDF}: 499.7/32$

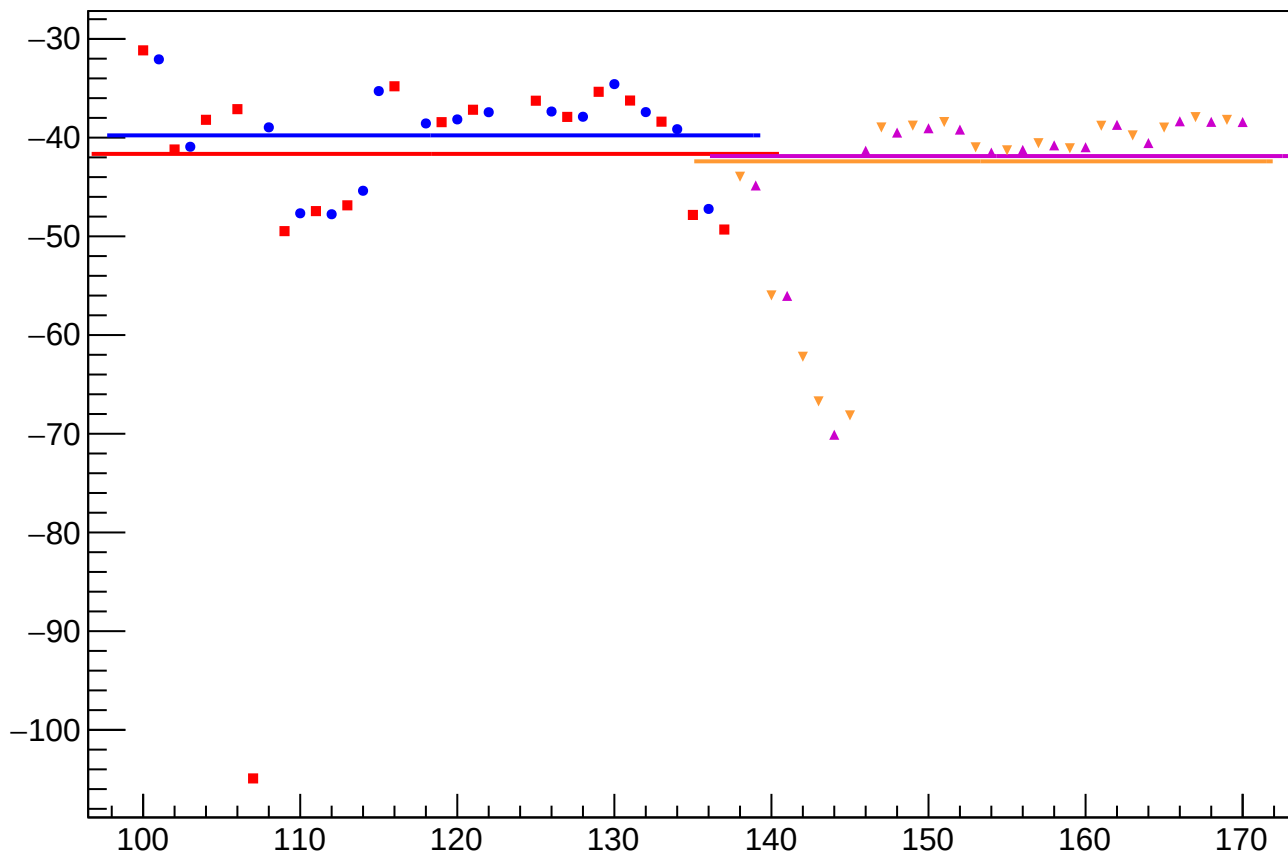
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.219 ± 0.319 $\chi^2/\text{NDF}: 1123.8/31$

Out: 14.652 ± 0.323 $\chi^2/\text{NDF}: 1022.9/34$

All: 14.939 ± 0.227 $\chi^2/\text{NDF}: 2148.3/66$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

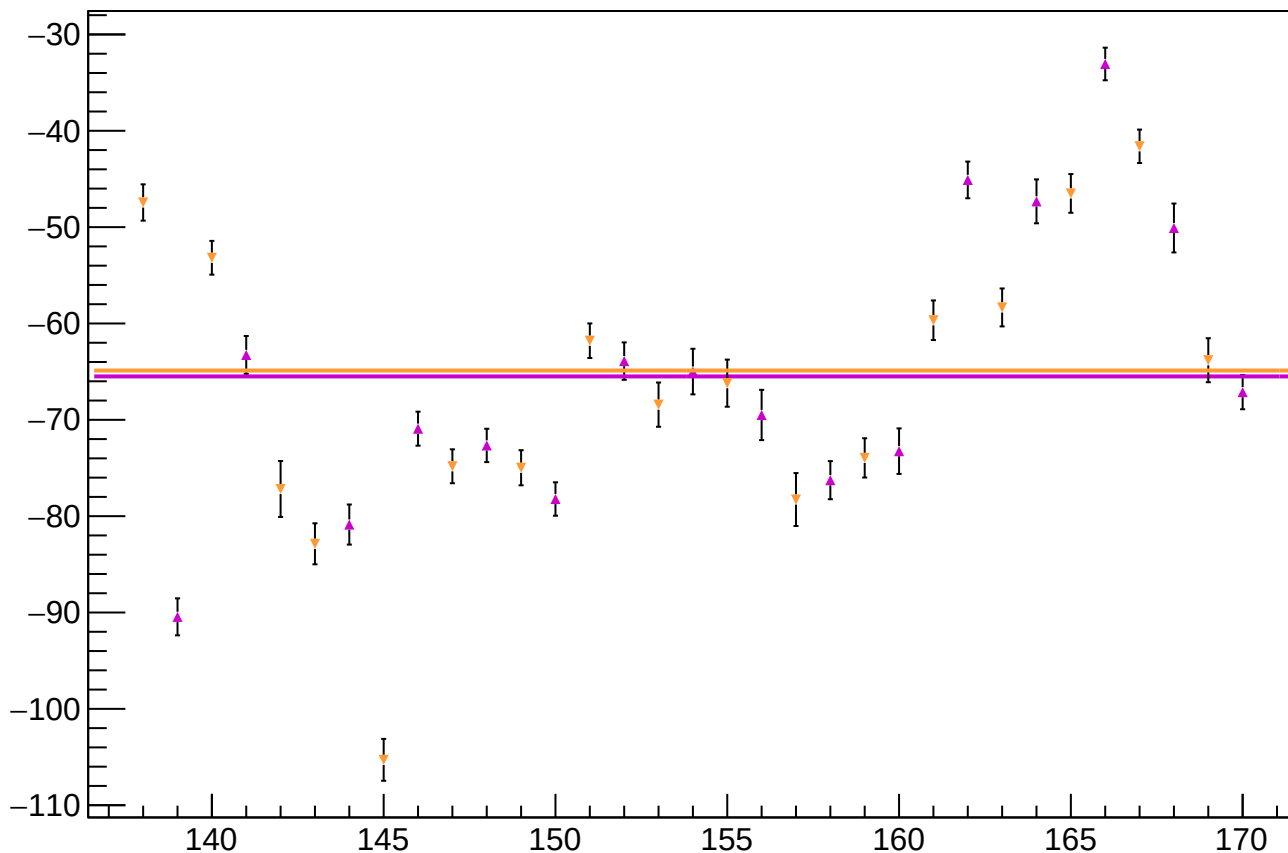


Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15
 Left Out: -42.401 ± 0.020 χ^2/NDF : 143392.6/16
 Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17
 Left In: -41.867 ± 0.019 χ^2/NDF : 107998.5/15

Left: -42.126 ± 0.014 χ^2/NDF : 251763.2/32
 Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33
 In: -41.285 ± 0.016 χ^2/NDF : 137454.4/31
 Out: -42.184 ± 0.017 χ^2/NDF : 238322.8/34

All: -41.724 ± 0.012 χ^2/NDF : 377245.5/66

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



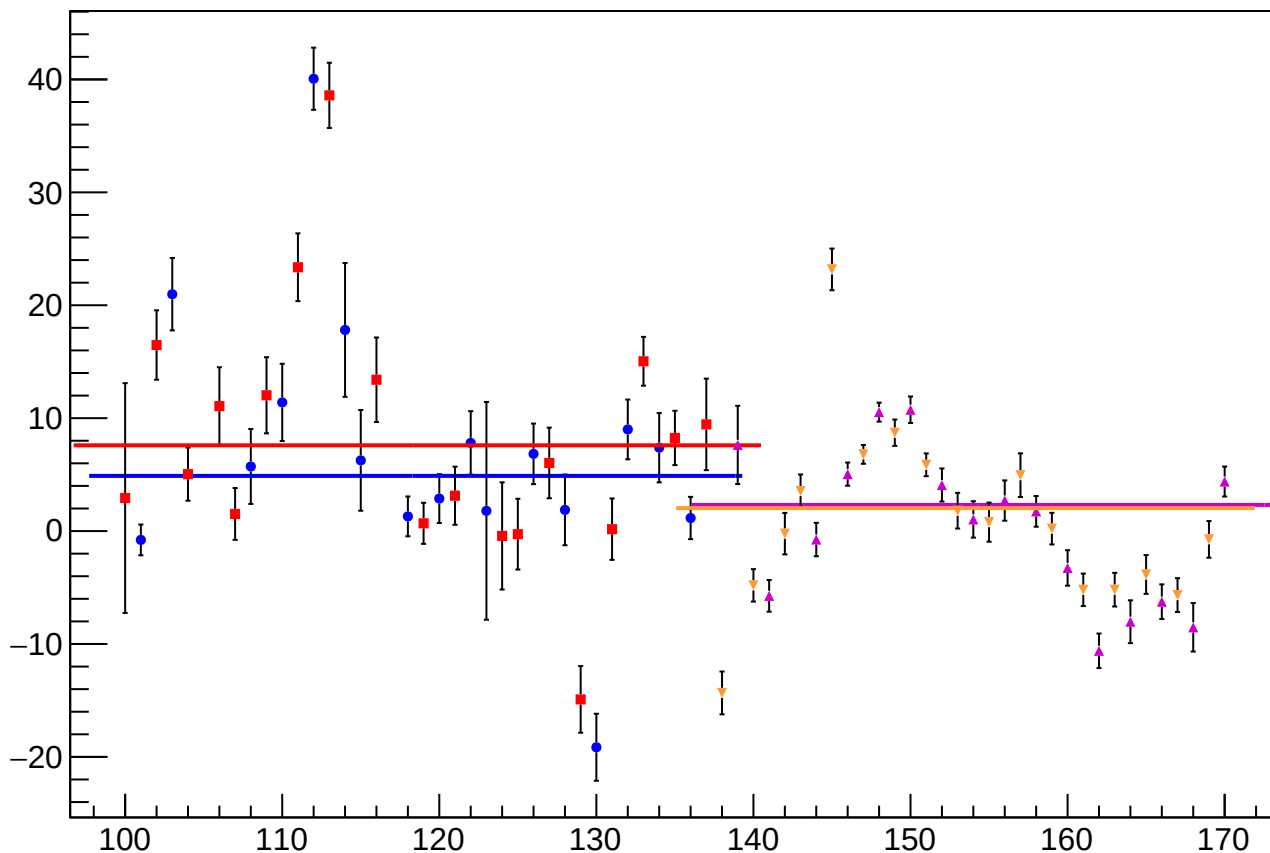
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.883+/-0.495 χ^2/NDF :957.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -65.495+/-0.496 χ^2/NDF :931.6/15

Left: -65.188+/-0.350 χ^2/NDF : 1890.2/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.495+/-0.496 χ^2/NDF :931.6/15
 Out: -64.883+/-0.495 χ^2/NDF :957.9/16

All: -65.188+/-0.350 χ^2/NDF : 1890.2/32

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2/NDF : 294.7/16

Left Out: 2.034 $\pm$ 0.341 χ^2/NDF :405.2/16

Right Out: 7.596 $\pm$ 0.651 χ^2/NDF : 269.4/18

Left In: 2.315 $\pm$ 0.350 χ^2/NDF :369.4/15

Left: 2.171 $\pm$ 0.244 χ^2/NDF : 774.9/32

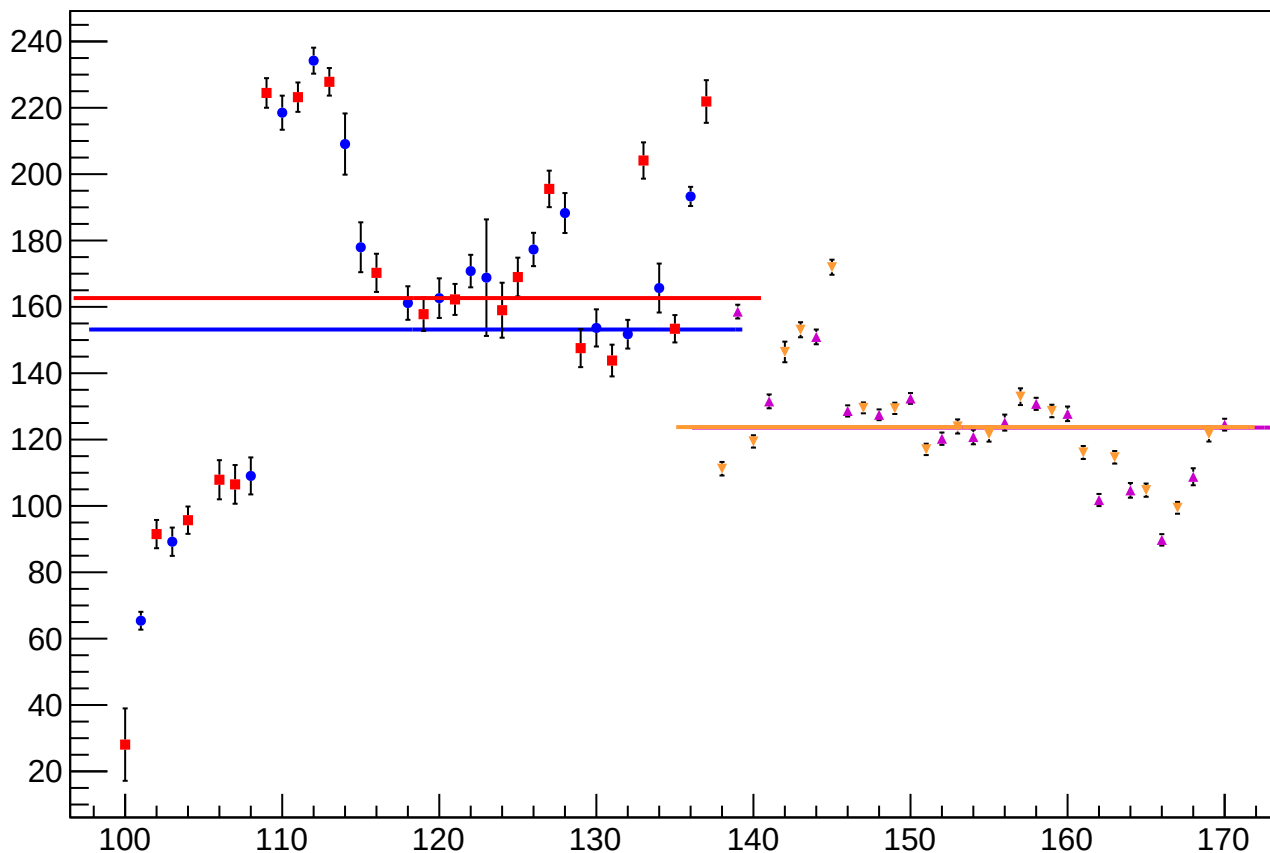
Right: 6.180 $\pm$ 0.450 χ^2/NDF : 573.2/35

In: 2.934 $\pm$ 0.305 χ^2/NDF :677.1/32

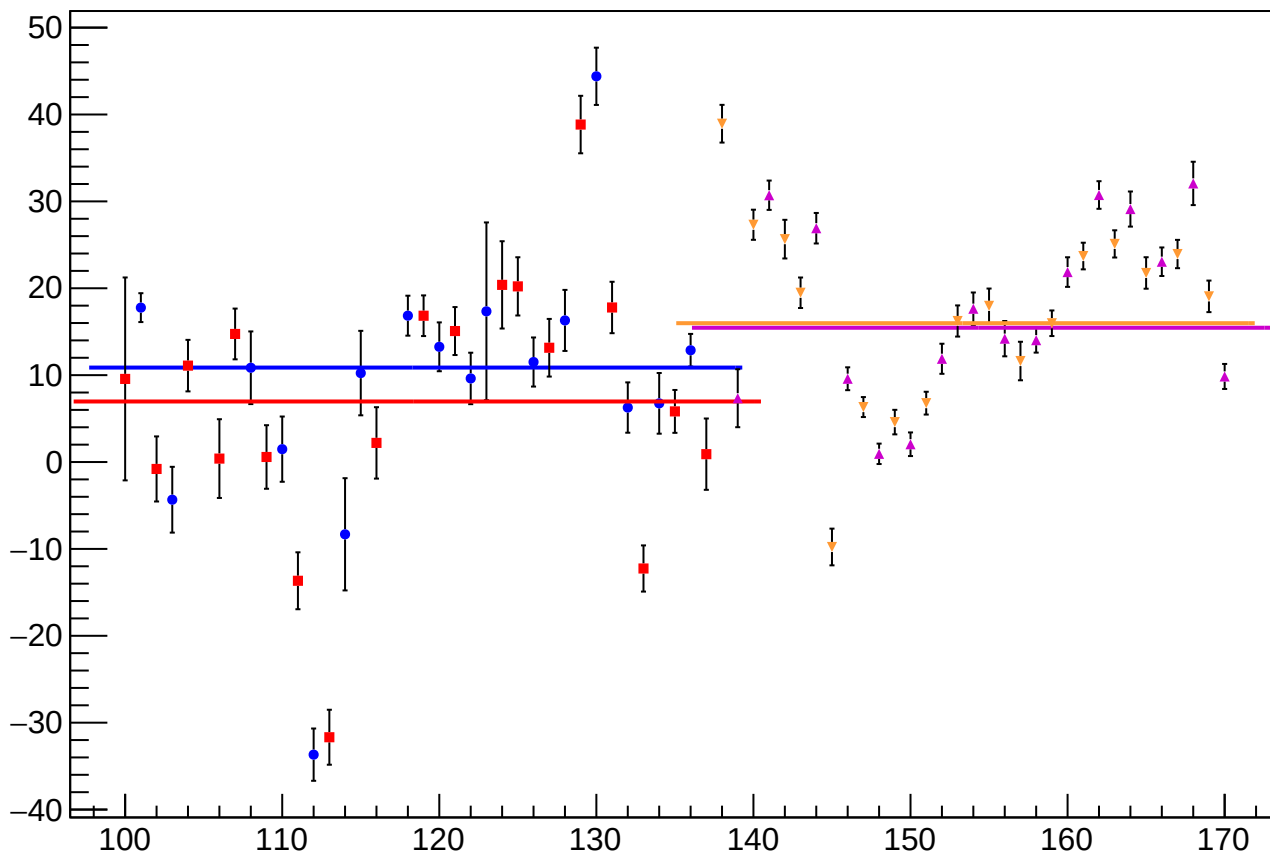
Out: 3.233 $\pm$ 0.302 χ^2/NDF :731.9/35

All: 3.085 $\pm$ 0.215 χ^2/NDF : 1409.5/68

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: 15.981 $\pm$ 0.402 χ^2 /NDF:611.9/16

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.456 $\pm$ 0.410 χ^2 /NDF:640.1/15

Left: 15.723 $\pm$ 0.287 χ^2 /NDF: 1252.9/32

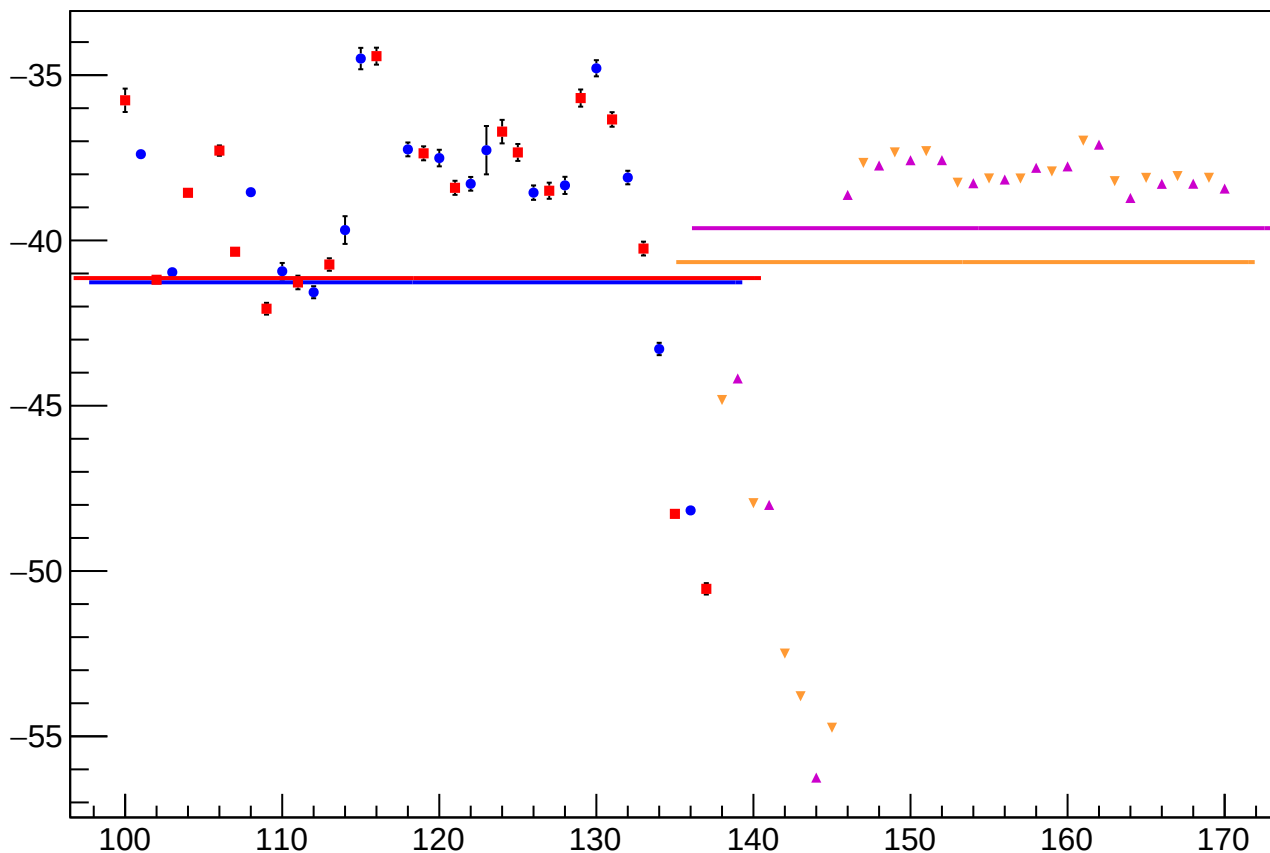
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.321 $\pm$ 0.355 χ^2 /NDF:1057.8/32

Out: 13.957 $\pm$ 0.354 χ^2 /NDF:1146.9/35

All: 14.138 $\pm$ 0.251 χ^2 /NDF: 2205.3/68

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.655 ± 0.019 $\chi^2/\text{NDF}: 81797.6/16$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.629 ± 0.019 $\chi^2/\text{NDF}: 49470.7/15$

Left: -40.138 ± 0.014 $\chi^2/\text{NDF}: 132686.7/32$

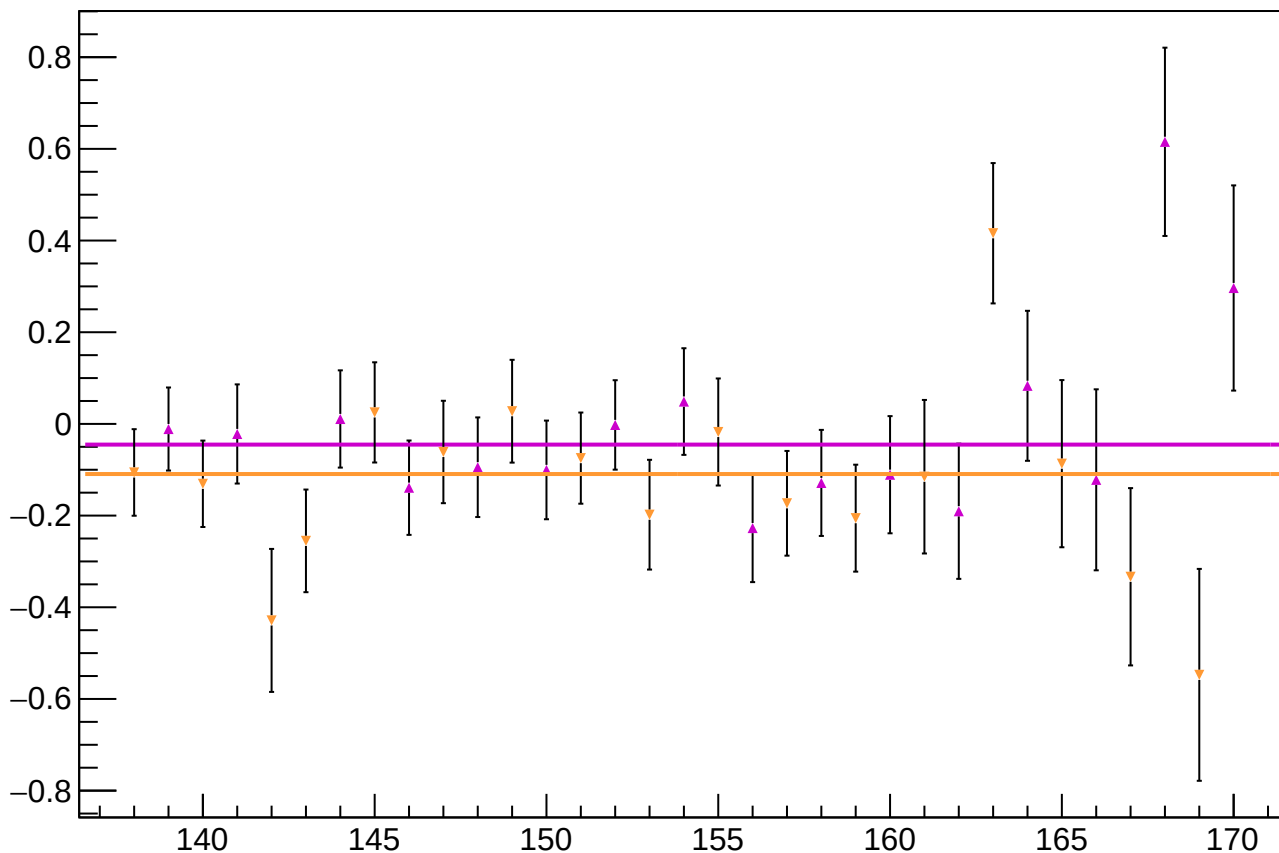
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.954 ± 0.017 $\chi^2/\text{NDF}: 63500.9/32$

Out: -40.753 ± 0.017 $\chi^2/\text{NDF}: 94165.3/35$

All: -40.350 ± 0.012 $\chi^2/\text{NDF}: 158738.3/68$

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: -0.109 $\pm$ 0.030 χ^2 /NDF:28.1/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.045 $\pm$ 0.030 χ^2 /NDF:20.2/15

Left: -0.078 $\pm$ 0.021 χ^2 /NDF: 50.6/32

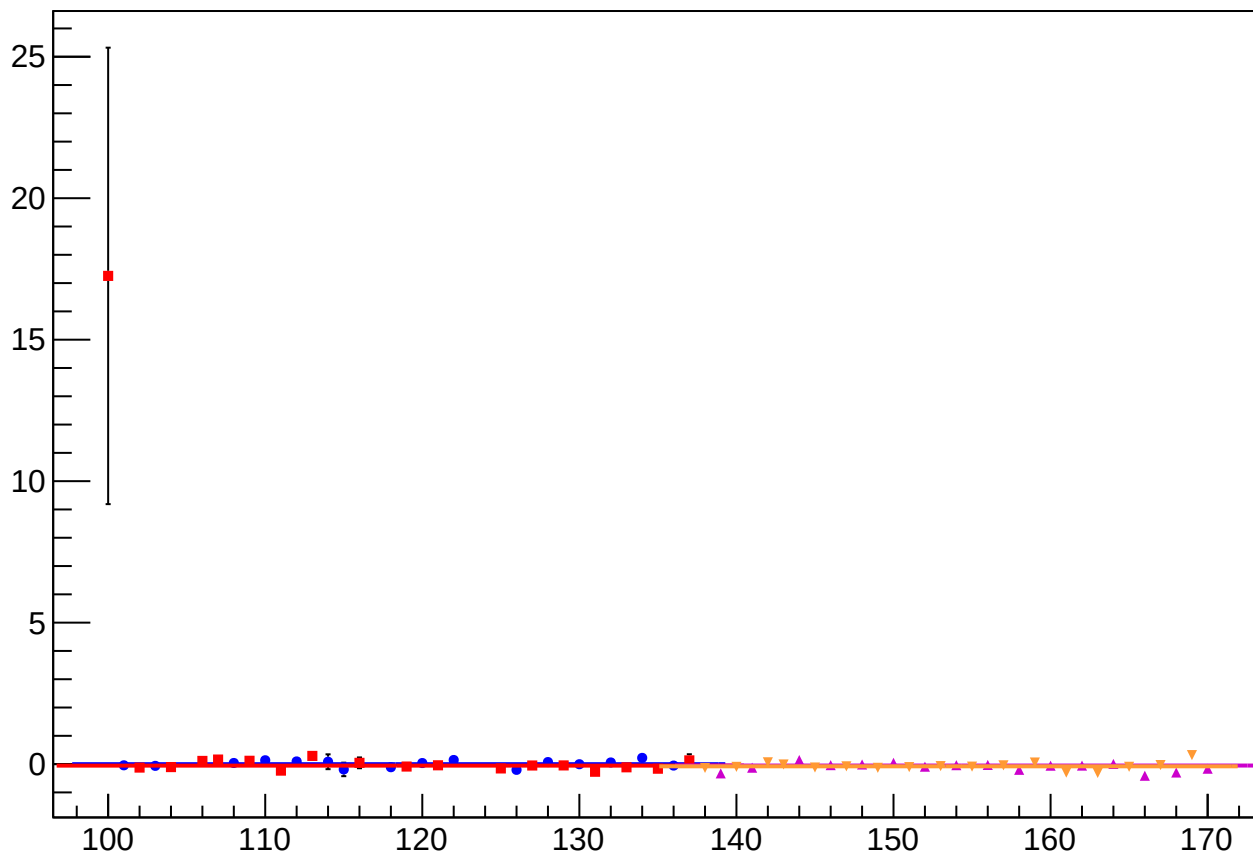
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.045 $\pm$ 0.030 χ^2 /NDF:20.2/15

Out: -0.109 $\pm$ 0.030 χ^2 /NDF:28.1/16

All: -0.078 $\pm$ 0.021 χ^2 /NDF: 50.6/32

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.078 ± 0.021 χ^2/NDF : 20.5/16

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.050 ± 0.021 χ^2/NDF : 23.4/15

Left: -0.065 ± 0.015 χ^2/NDF : 44.7/32

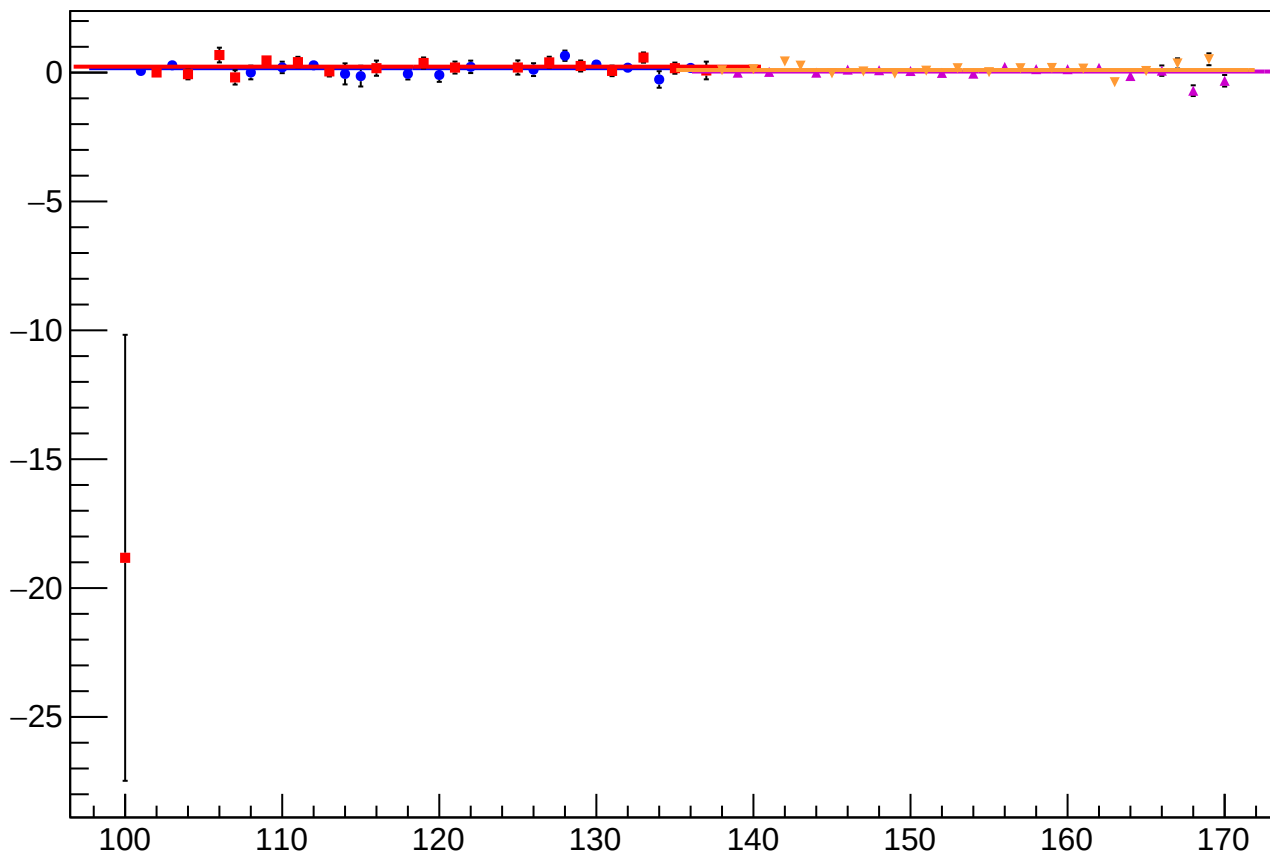
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.033 ± 0.017 χ^2/NDF : 37.3/31

Out: -0.070 ± 0.017 χ^2/NDF : 46.5/34

All: -0.051 ± 0.012 χ^2/NDF : 86.2/66

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170+/-0.052 χ^2/NDF : 13.0/15

Left Out: 0.099+/-0.029 χ^2/NDF : 26.8/16

Right Out: 0.229+/-0.054 χ^2/NDF : 21.7/17

Left In: 0.040+/-0.029 χ^2/NDF : 23.6/15

Left: 0.070+/-0.021 χ^2/NDF : 52.5/32

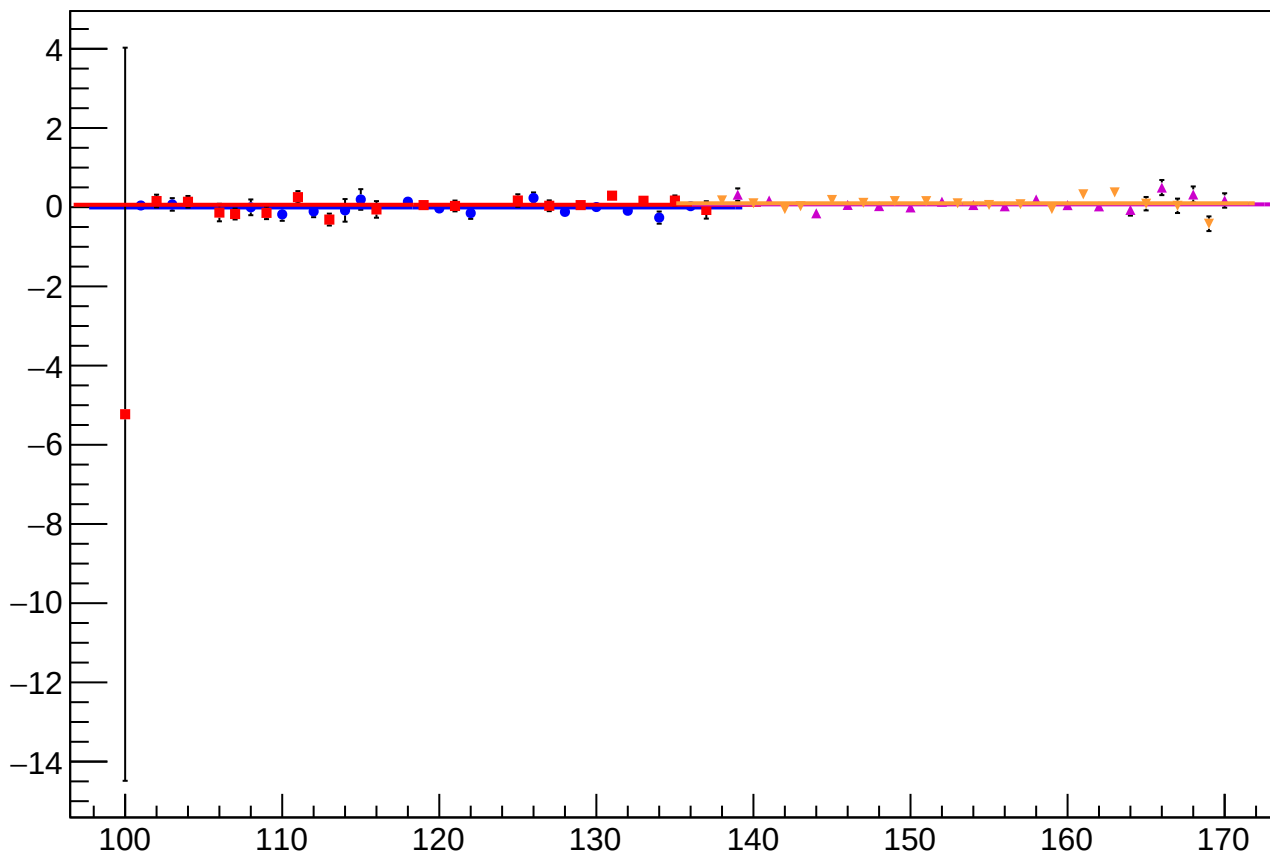
Right: 0.199+/-0.038 χ^2/NDF : 35.3/33

In: 0.072+/-0.026 χ^2/NDF : 41.3/31

Out: 0.129+/-0.026 χ^2/NDF : 53.0/34

All: 0.100+/-0.018 χ^2/NDF : 96.8/66

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.099 ± 0.024 χ^2/NDF : 23.4/16

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.071 ± 0.025 χ^2/NDF : 22.0/15

Left: 0.085 ± 0.018 χ^2/NDF : 46.0/32

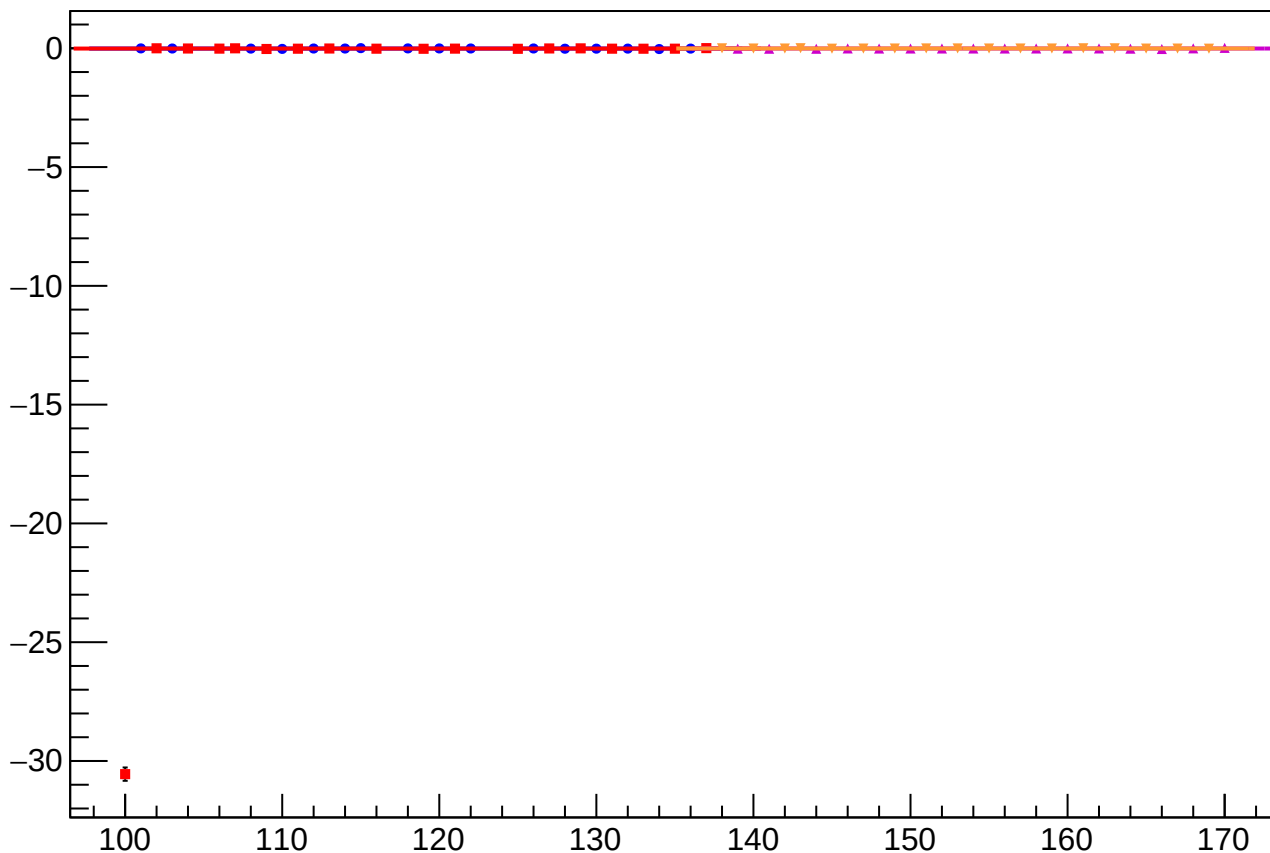
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.042 ± 0.020 χ^2/NDF : 38.8/31

Out: 0.086 ± 0.020 χ^2/NDF : 44.5/34

All: 0.064 ± 0.014 χ^2/NDF : 85.8/66

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 : 18.5/16

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

Left: -0.009 ± 0.001 χ^2/NDF : 50.6/32

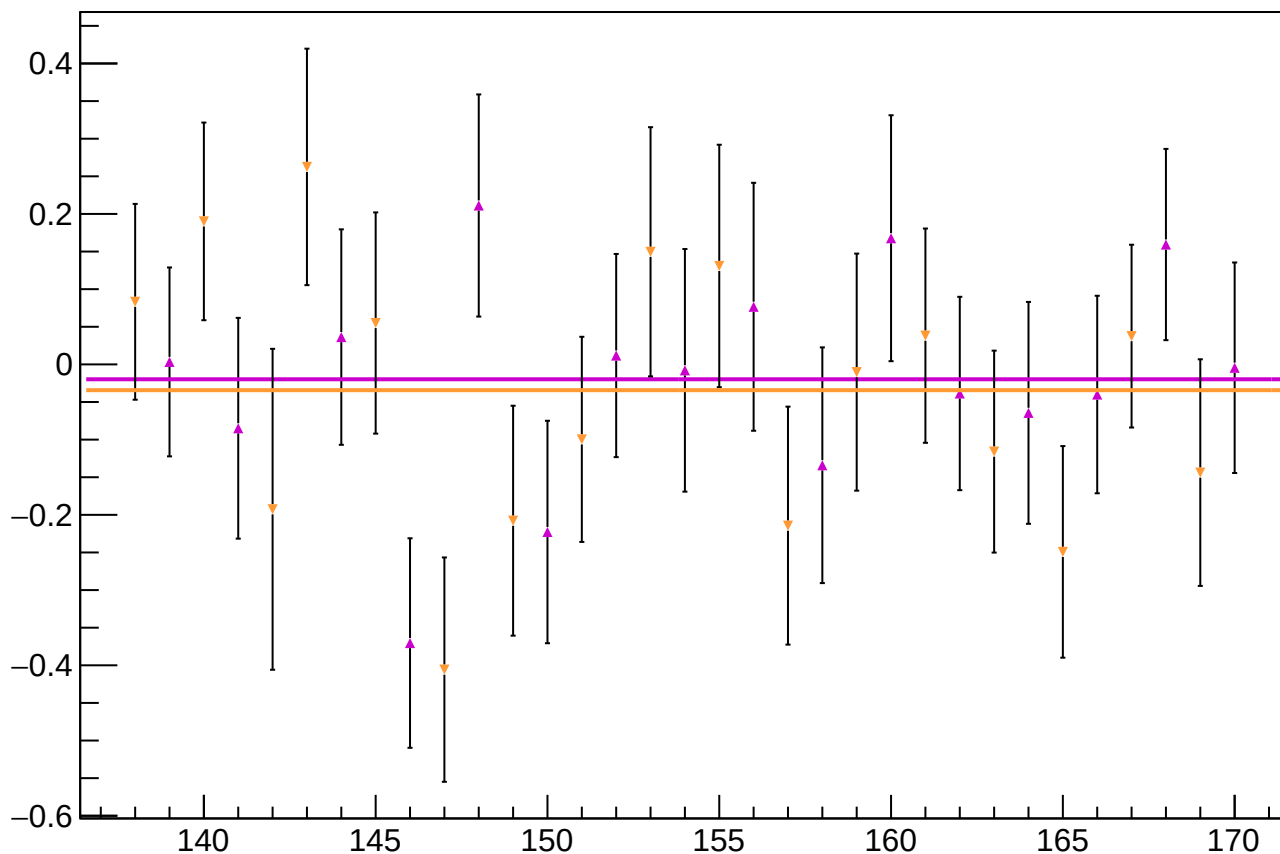
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.011 ± 0.001 χ^2/NDF : 43.0/31

Out: -0.009 ± 0.001 χ^2/NDF : 11912.7/34

All: -0.010 ± 0.001 χ^2/NDF : 11957.4/66

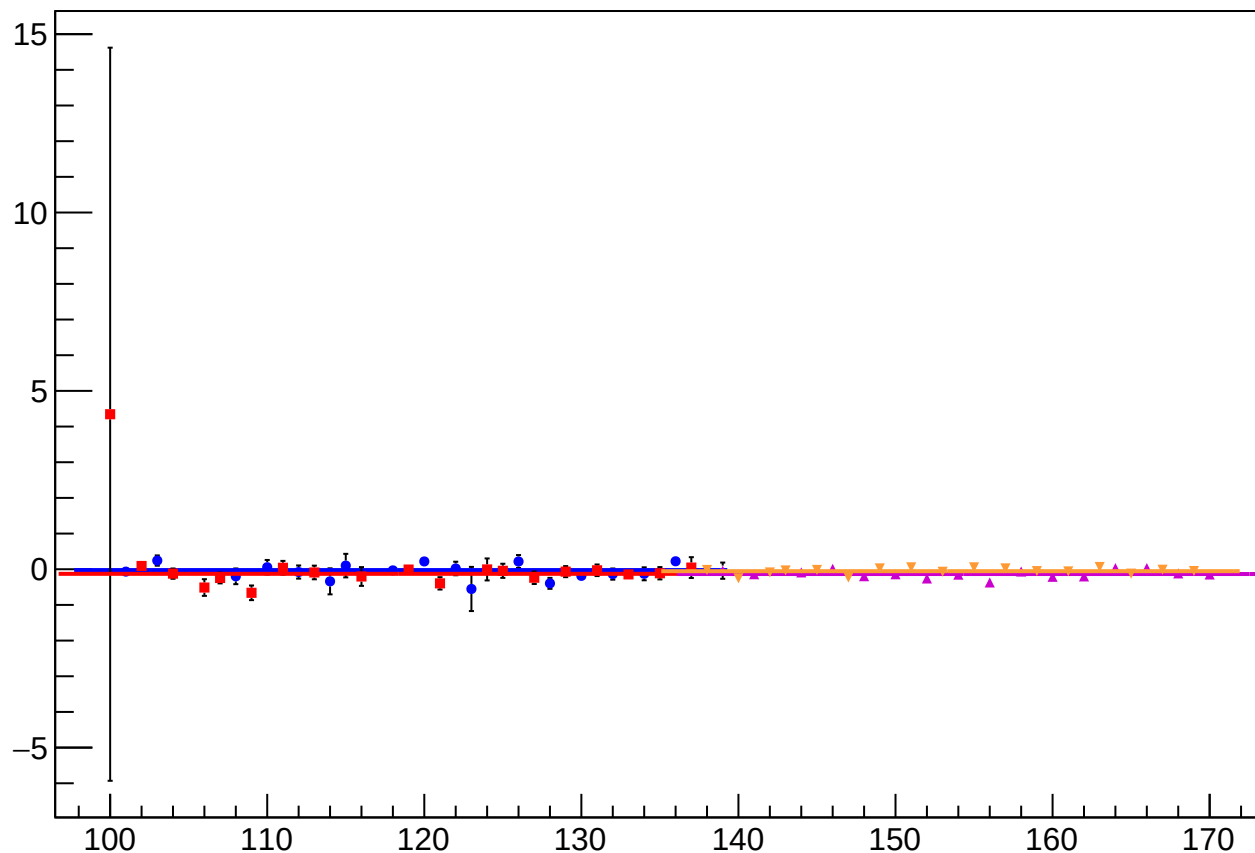
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.036 χ^2 /NDF:23.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15

Left: -0.027 $\pm$ 0.025 χ^2 /NDF: 38.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15
 Out: -0.034 $\pm$ 0.036 χ^2 /NDF:23.4/16
 All: -0.027 $\pm$ 0.025 χ^2 /NDF: 38.9/32

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2/NDF : 22.4/16

Left Out: -0.054+/-0.025 χ^2/NDF : 15.7/16

Right Out: -0.129+/-0.039 χ^2/NDF : 18.8/18

Left In: -0.134+/-0.026 χ^2/NDF : 15.3/15

Left: -0.093+/-0.018 χ^2/NDF : 35.8/32

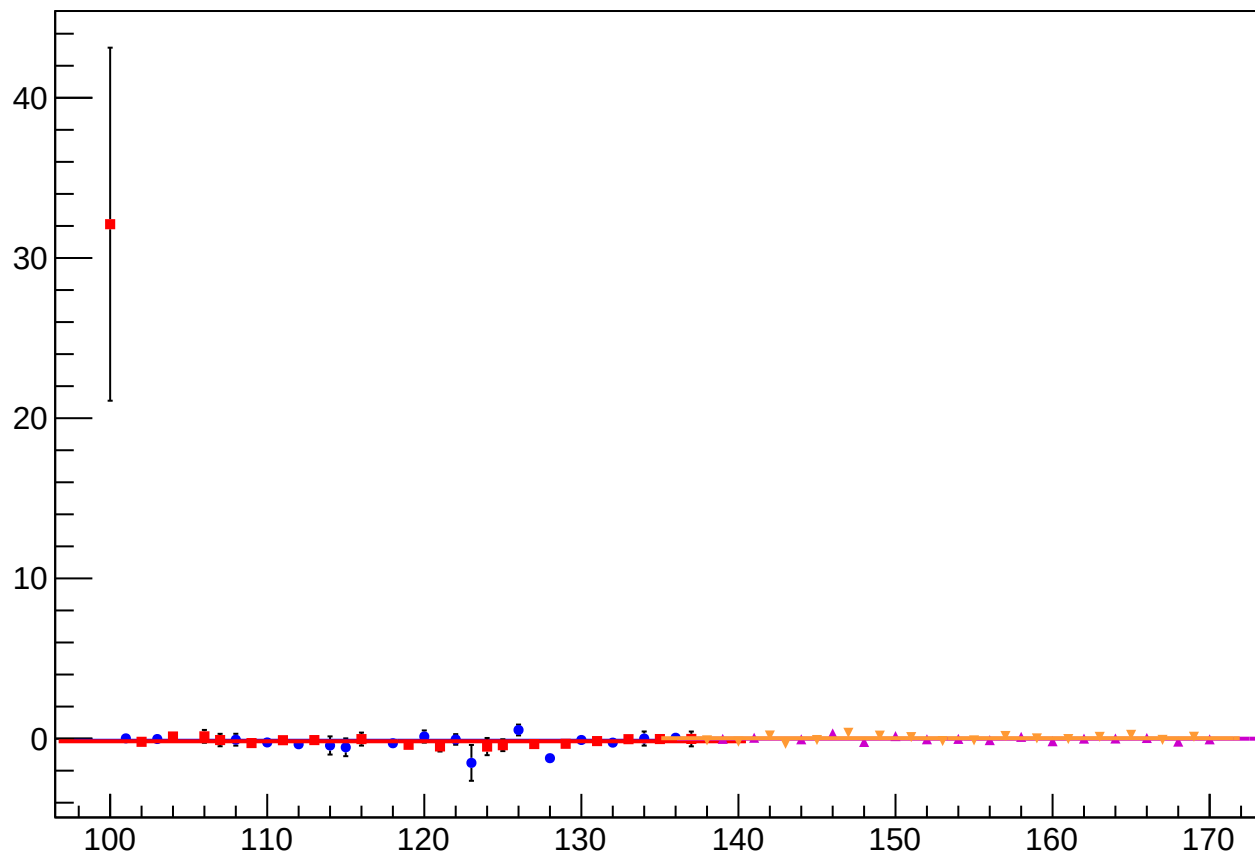
Right: -0.072+/-0.027 χ^2/NDF : 45.1/35

In: -0.097+/-0.021 χ^2/NDF : 43.8/32

Out: -0.076+/-0.021 χ^2/NDF : 37.0/35

All: -0.086+/-0.015 χ^2/NDF : 81.3/68

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: 0.025 ± 0.035 $\chi^2/\text{NDF}: 23.2/16$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.005 ± 0.035 $\chi^2/\text{NDF}: 14.1/15$

Left: 0.010 ± 0.025 $\chi^2/\text{NDF}: 37.7/32$

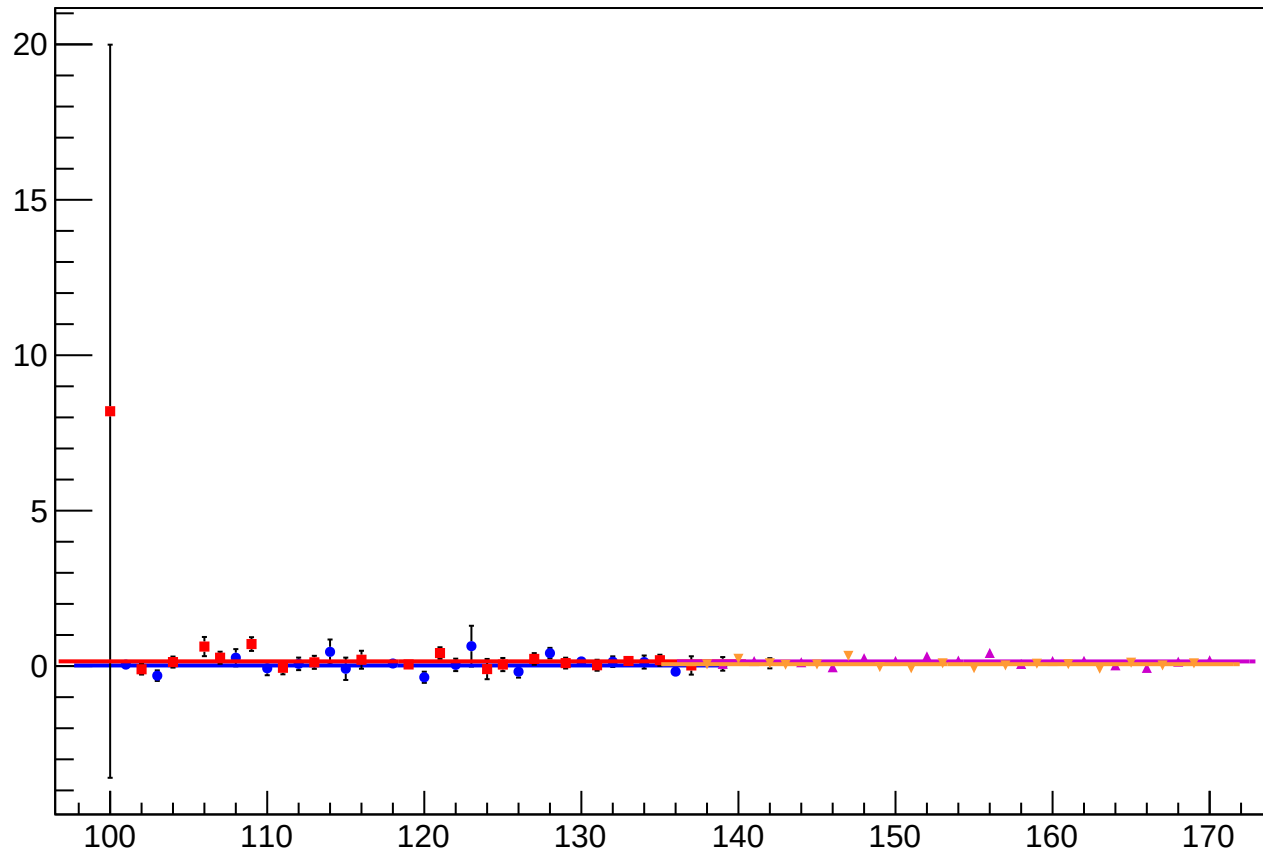
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.033 ± 0.031 $\chi^2/\text{NDF}: 42.8/32$

Out: -0.013 ± 0.031 $\chi^2/\text{NDF}: 43.7/35$

All: -0.023 ± 0.022 $\chi^2/\text{NDF}: 86.7/68$

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: 0.061 $\pm$ 0.029 χ^2 /NDF:15.0/16

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.150 $\pm$ 0.030 χ^2 /NDF:15.0/15

Left: 0.104 $\pm$ 0.021 χ^2 /NDF: 34.4/32

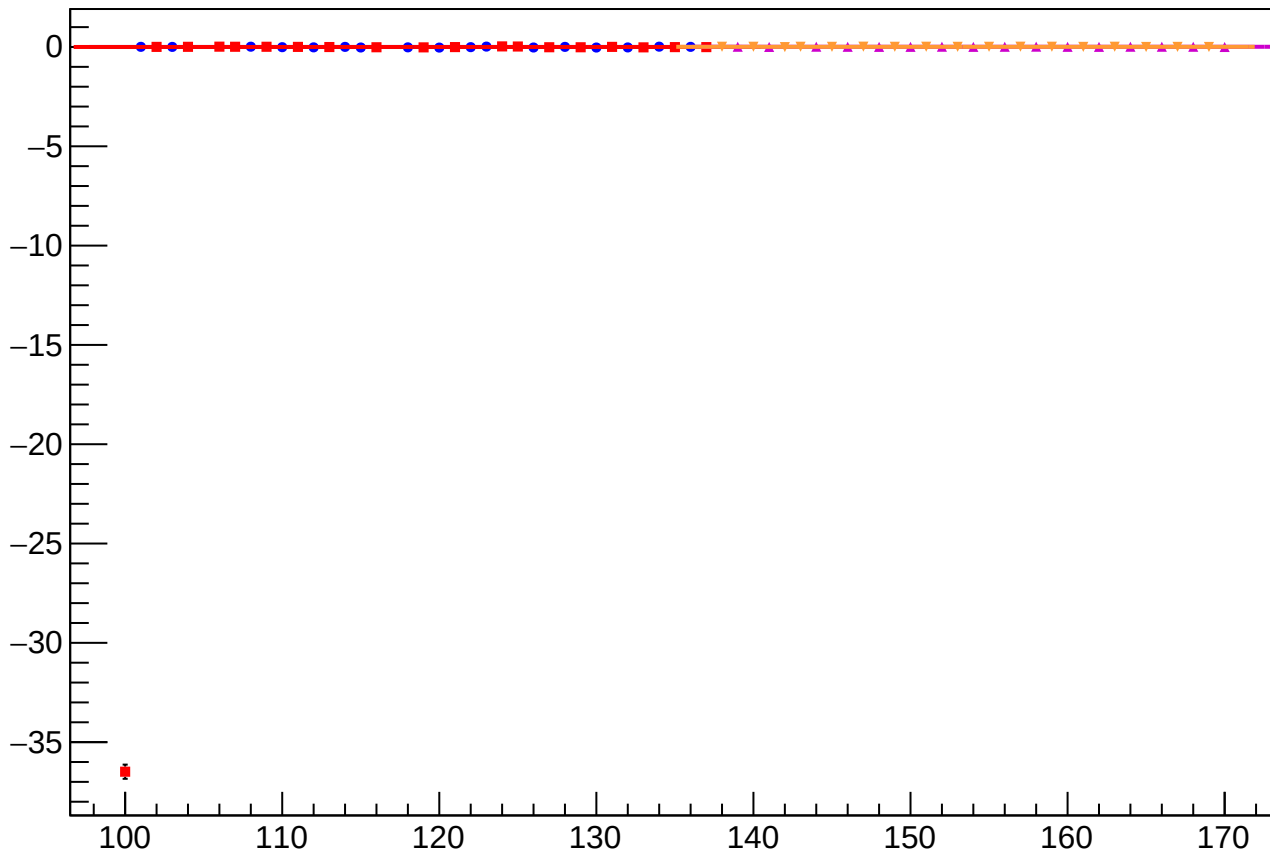
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.106 $\pm$ 0.025 χ^2 /NDF:43.0/32

Out: 0.088 $\pm$ 0.025 χ^2 /NDF:35.1/35

All: 0.097 $\pm$ 0.017 χ^2 /NDF: 78.4/68

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: 0.009 $\pm$ 0.001 χ^2 /NDF: 11.6/16

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 9.8/15

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 21.9/32

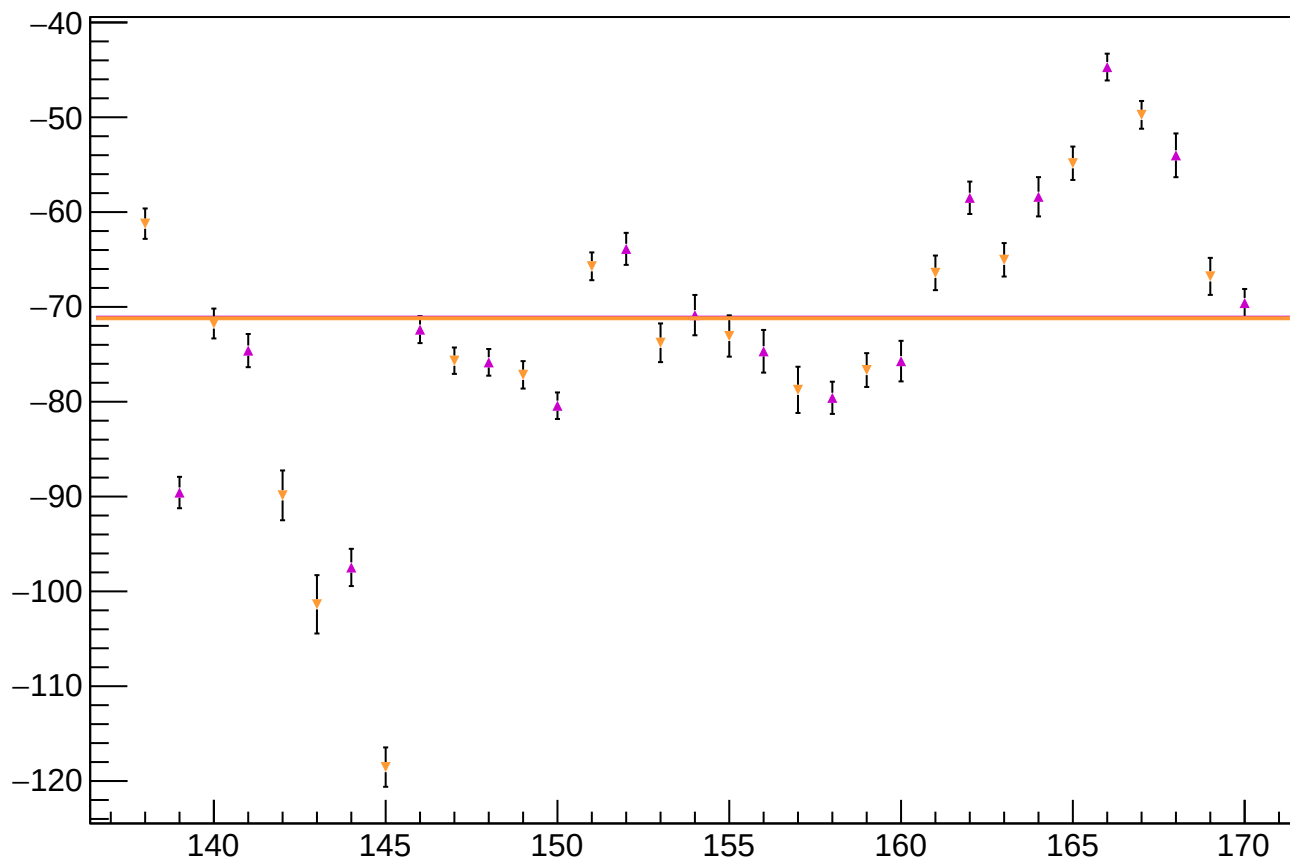
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 55.3/32

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10470.8/35

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10526.5/68

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: -71.197+/-0.433 χ^2/NDF :1093.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.134+/-0.426 χ^2/NDF :913.4/15

Left: -71.165+/-0.303 χ^2/NDF : 2006.5/32

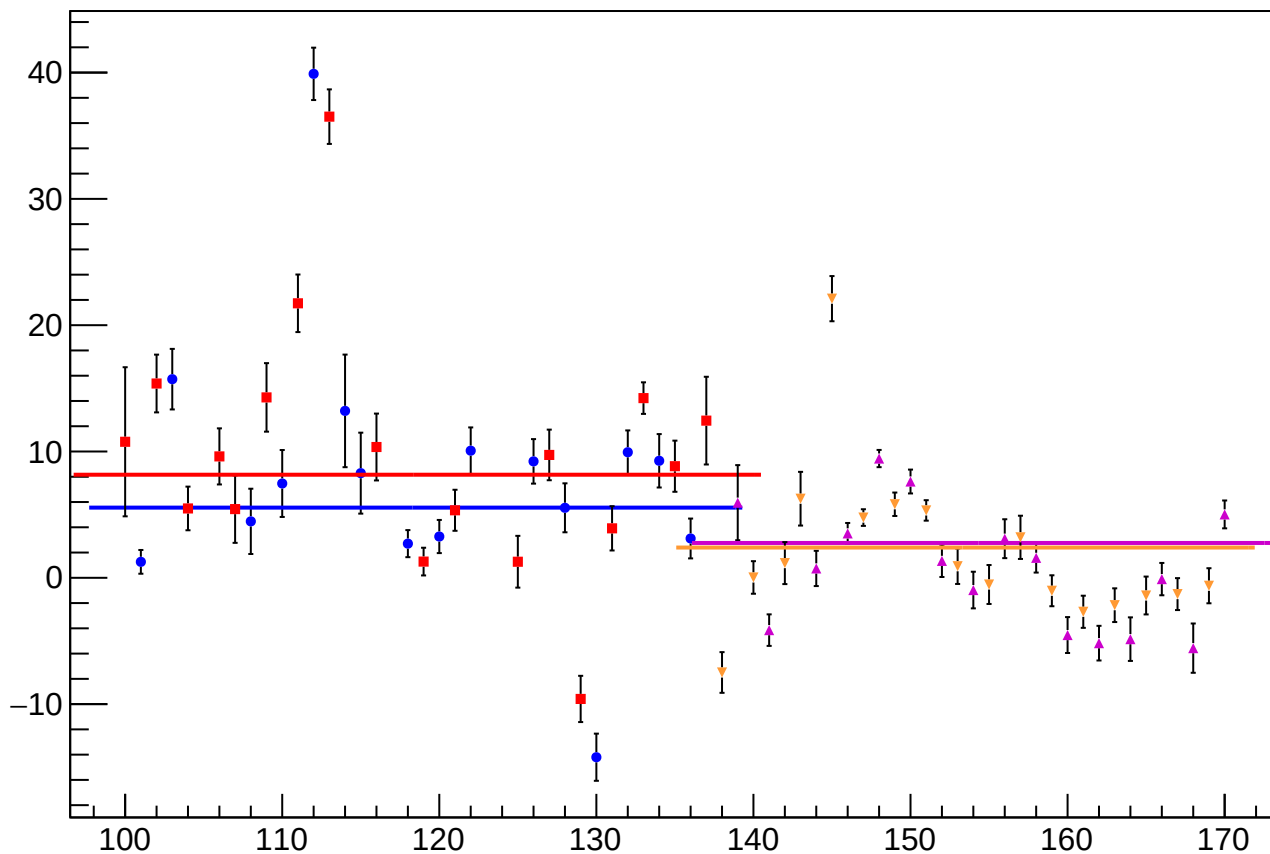
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.134+/-0.426 χ^2/NDF :913.4/15

Out: -71.197+/-0.433 χ^2/NDF :1093.1/16

All: -71.165+/-0.303 χ^2/NDF : 2006.5/32

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: 2.396 ± 0.294 $\chi^2/\text{NDF}: 266.2/16$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.759 ± 0.297 $\chi^2/\text{NDF}: 272.7/15$

Left: 2.575 ± 0.209 $\chi^2/\text{NDF}: 539.7/32$

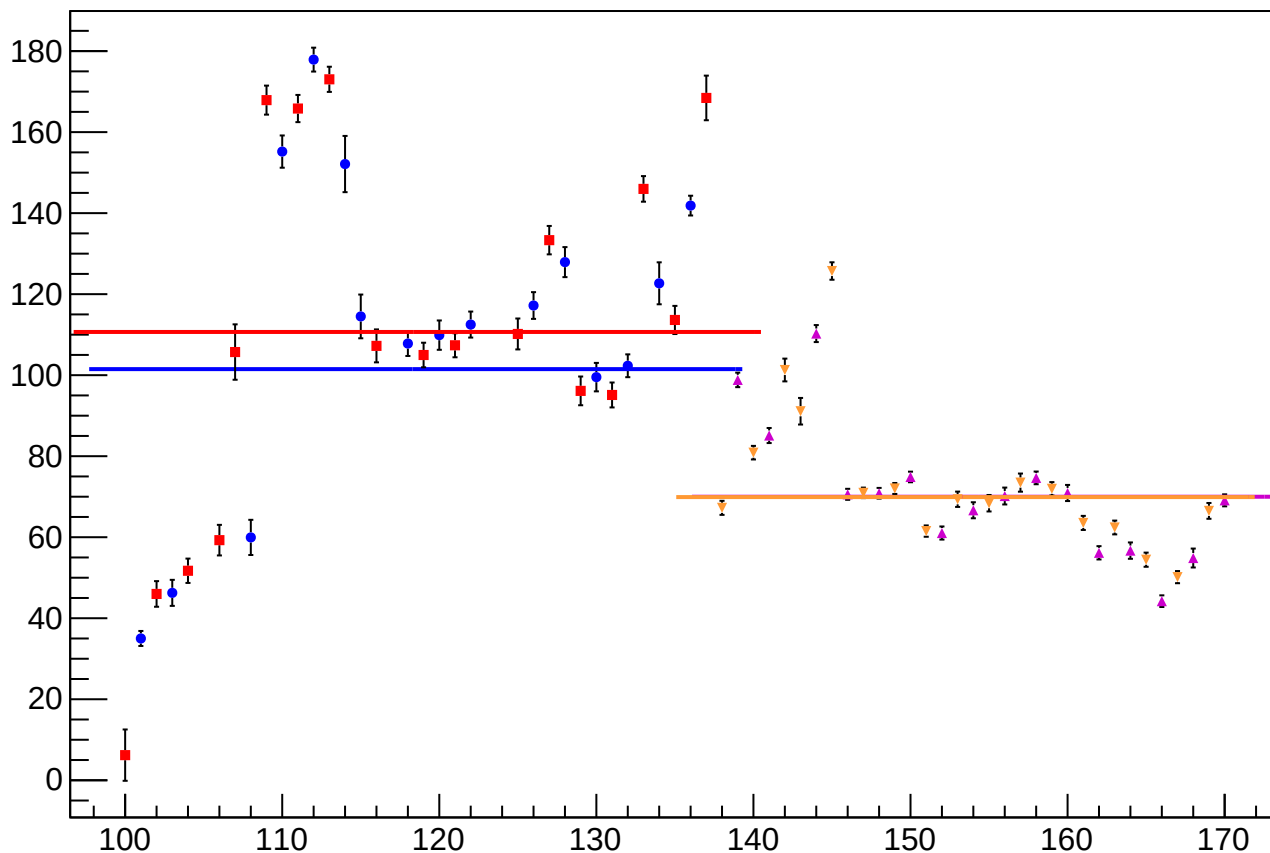
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.681 ± 0.243 $\chi^2/\text{NDF}: 763.9/31$

Out: 4.104 ± 0.247 $\chi^2/\text{NDF}: 787.2/34$

All: 3.890 ± 0.173 $\chi^2/\text{NDF}: 1552.6/66$

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: 69.907 $\pm$ 0.424 χ^2 /NDF:1213.8/16

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 69.994 $\pm$ 0.416 χ^2 /NDF:1227.6/15

Left: 69.951 $\pm$ 0.297 χ^2 /NDF: 2441.4/32

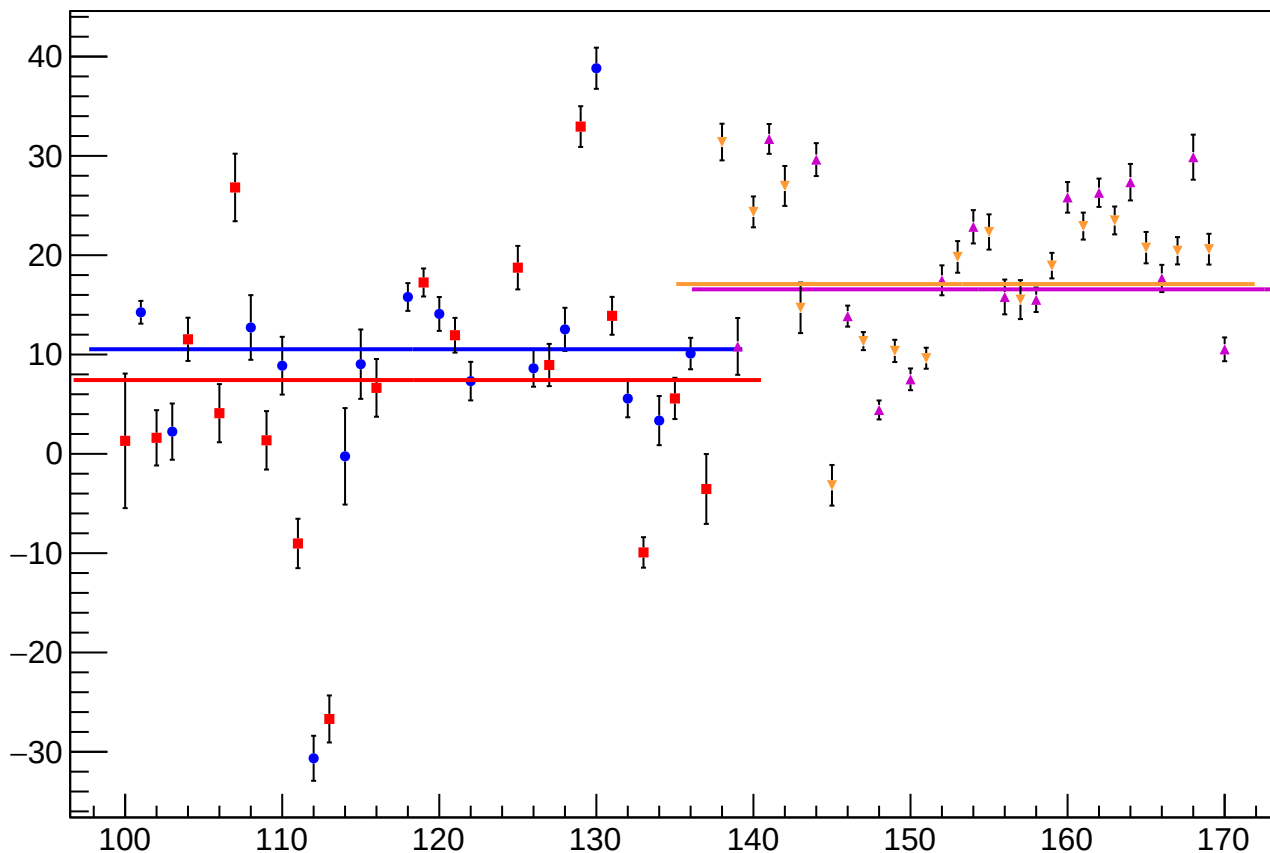
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 76.579 $\pm$ 0.370 χ^2 /NDF:5402.1/31

Out: 78.242 $\pm$ 0.378 χ^2 /NDF:5619.6/34

All: 77.392 $\pm$ 0.264 χ^2 /NDF: 11031.6/66

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 17.095 $\pm$ 0.349 χ^2 /NDF: 401.1/16

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.562 $\pm$ 0.350 χ^2 /NDF: 597.9/15

Left: 16.830 $\pm$ 0.247 χ^2 /NDF: 1000.1/32

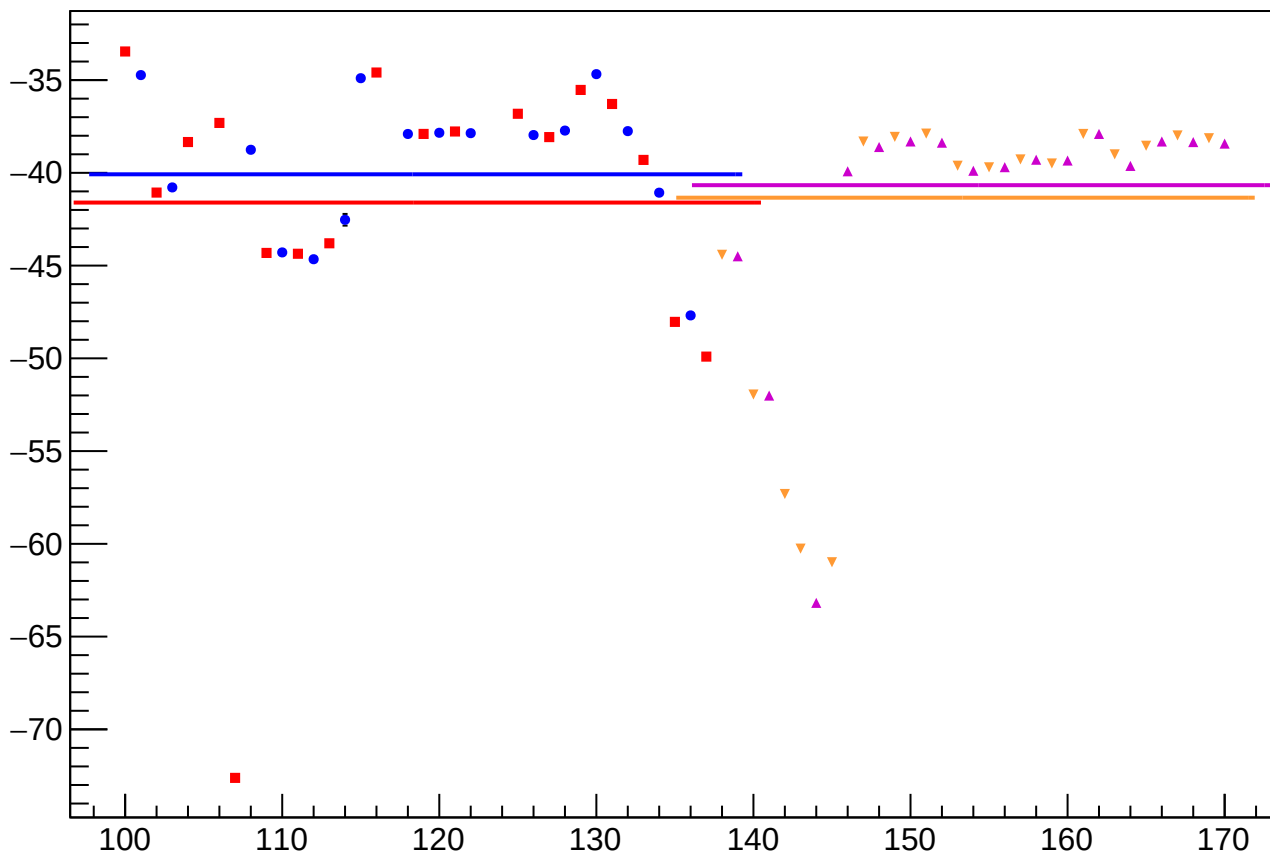
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.542 $\pm$ 0.285 χ^2 /NDF: 1277.7/31

Out: 14.124 $\pm$ 0.290 χ^2 /NDF: 1323.0/34

All: 14.337 $\pm$ 0.203 χ^2 /NDF: 2601.8/66

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -41.339 ± 0.017 χ^2/NDF : 138710.4/16

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.665 ± 0.016 χ^2/NDF : 97632.7/15

Left: -40.993 ± 0.012 χ^2/NDF : 237157.1/32

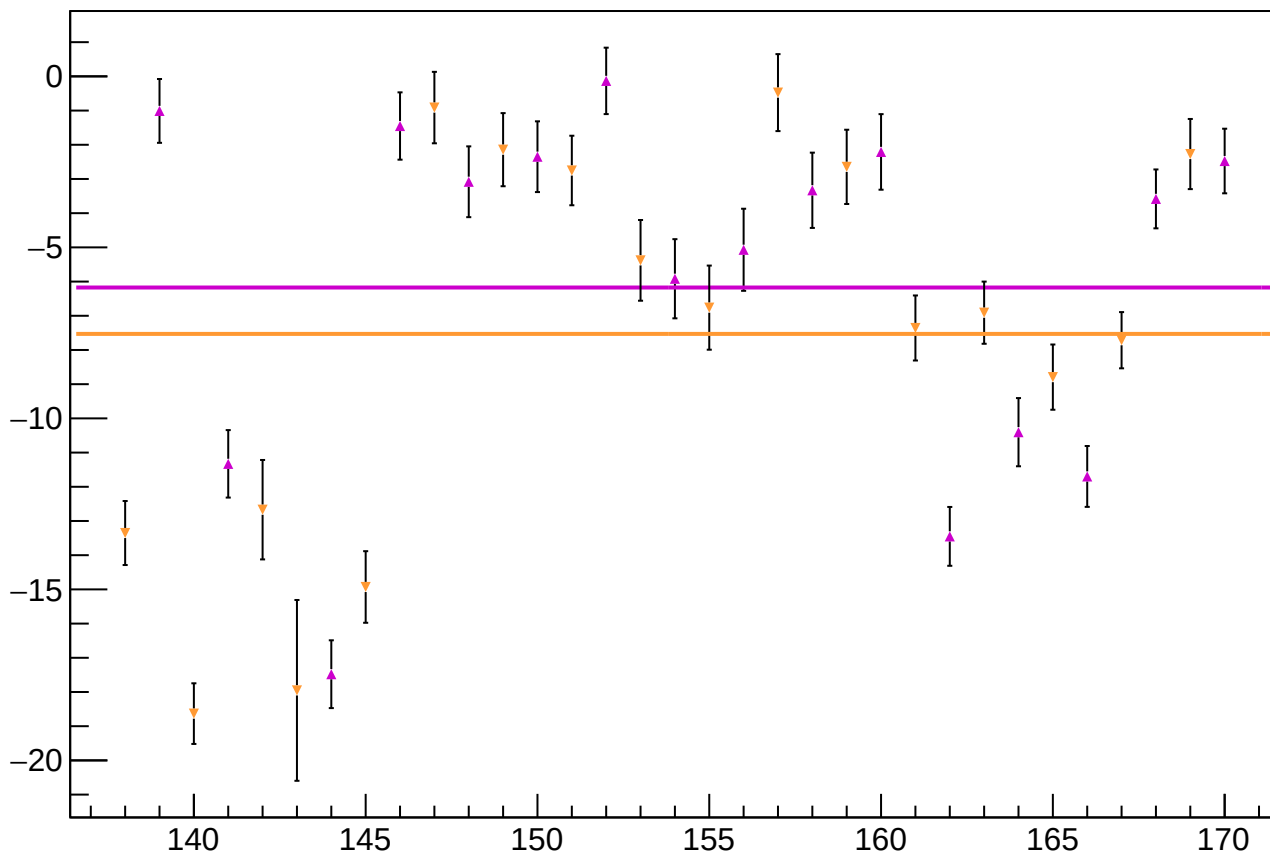
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.516 ± 0.014 χ^2/NDF : 123101.7/31

Out: -41.408 ± 0.015 χ^2/NDF : 200629.5/34

All: -40.951 ± 0.010 χ^2/NDF : 325648.6/66

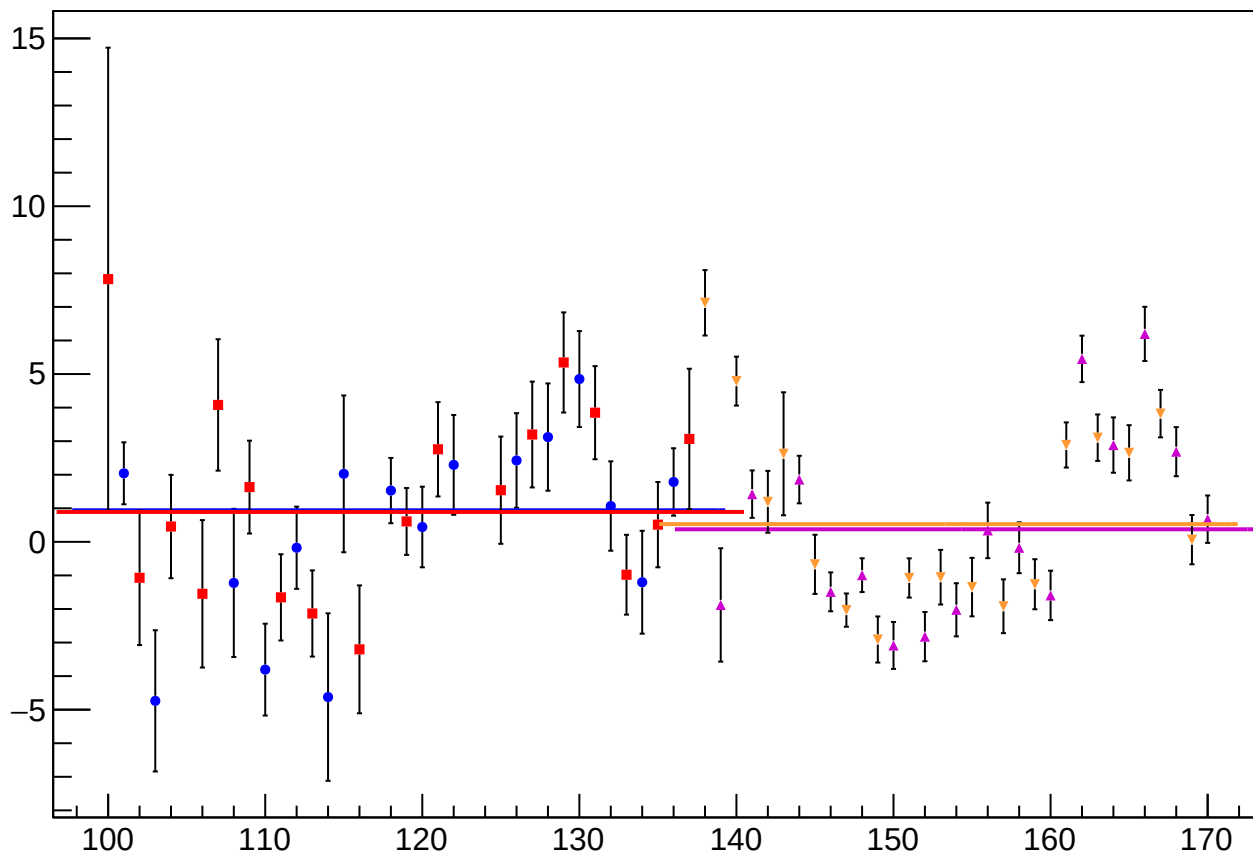
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.530 ± 0.253 $\chi^2/\text{NDF}: 453.0/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.174 ± 0.247 $\chi^2/\text{NDF}: 445.3/15$

Left: -6.836 ± 0.177 $\chi^2/\text{NDF}: 913.0/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.174 ± 0.247 $\chi^2/\text{NDF}: 445.3/15$
 Out: -7.530 ± 0.253 $\chi^2/\text{NDF}: 453.0/16$
 All: -6.836 ± 0.177 $\chi^2/\text{NDF}: 913.0/32$

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: 0.528 ± 0.181 χ^2/NDF : 221.3/16

Right Out: 0.891 ± 0.354 χ^2/NDF : 41.6/17

Left In: 0.374 ± 0.180 χ^2/NDF : 211.8/15

Left: 0.451 ± 0.128 χ^2/NDF : 433.5/32

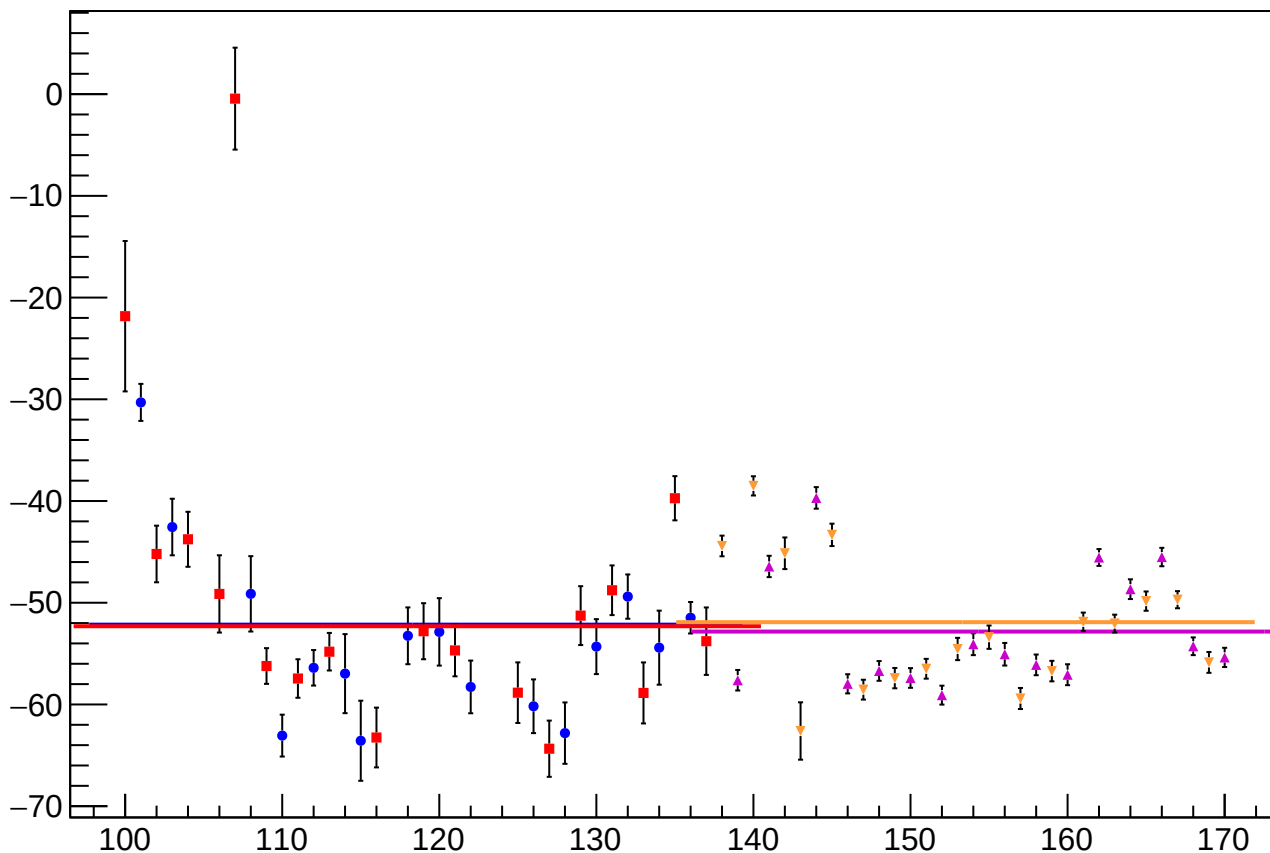
Right: 0.916 ± 0.245 χ^2/NDF : 83.8/33

In: 0.499 ± 0.159 χ^2/NDF : 256.2/31

Out: 0.604 ± 0.161 χ^2/NDF : 263.7/34

All: 0.551 ± 0.113 χ^2/NDF : 520.1/66

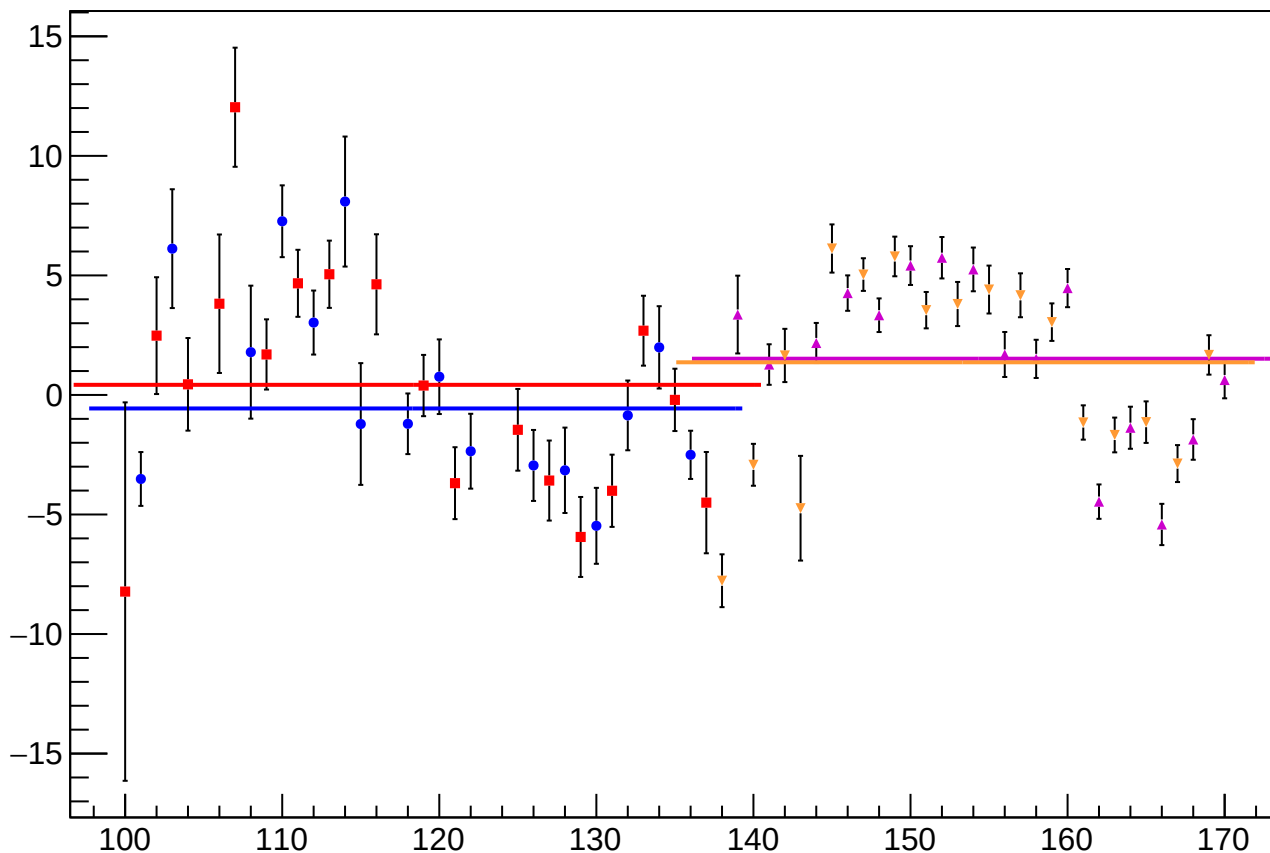
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15
 Left Out: -51.909 ± 0.250 χ^2/NDF : 558.1/16
 Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17
 Left In: -52.835 ± 0.243 χ^2/NDF : 530.3/15

Left: -52.385 ± 0.174 χ^2/NDF : 1095.4/32
 Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33
 In: -52.743 ± 0.226 χ^2/NDF : 762.4/31
 Out: -51.966 ± 0.231 χ^2/NDF : 793.3/34
 All: -52.363 ± 0.162 χ^2/NDF : 1561.5/66

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: 1.366 ± 0.210 χ^2/NDF : 286.4/16

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.516 ± 0.208 χ^2/NDF : 261.3/15

Left: 1.441 ± 0.148 χ^2/NDF : 547.9/32

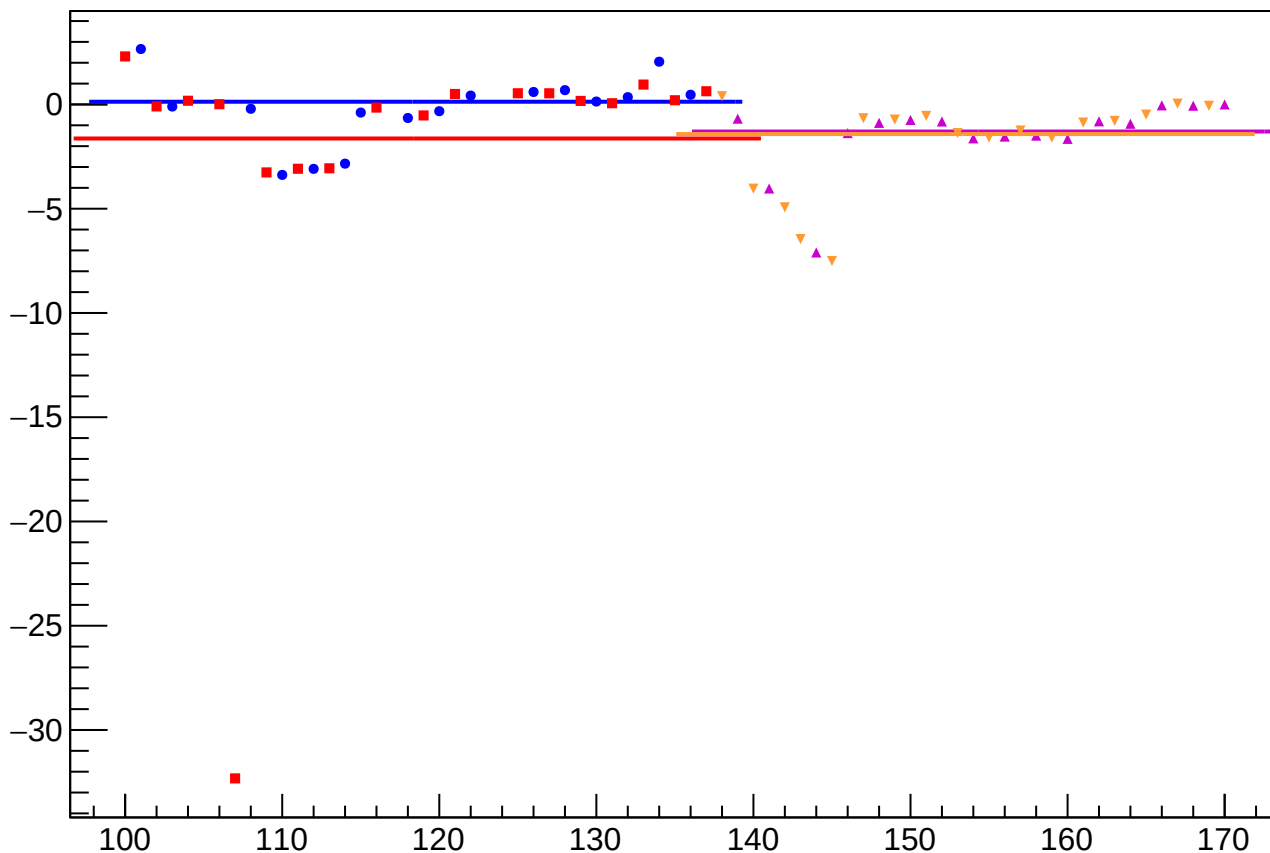
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.043 ± 0.183 χ^2/NDF : 365.7/31

Out: 1.162 ± 0.186 χ^2/NDF : 386.1/34

All: 1.102 ± 0.130 χ^2/NDF : 752.0/66

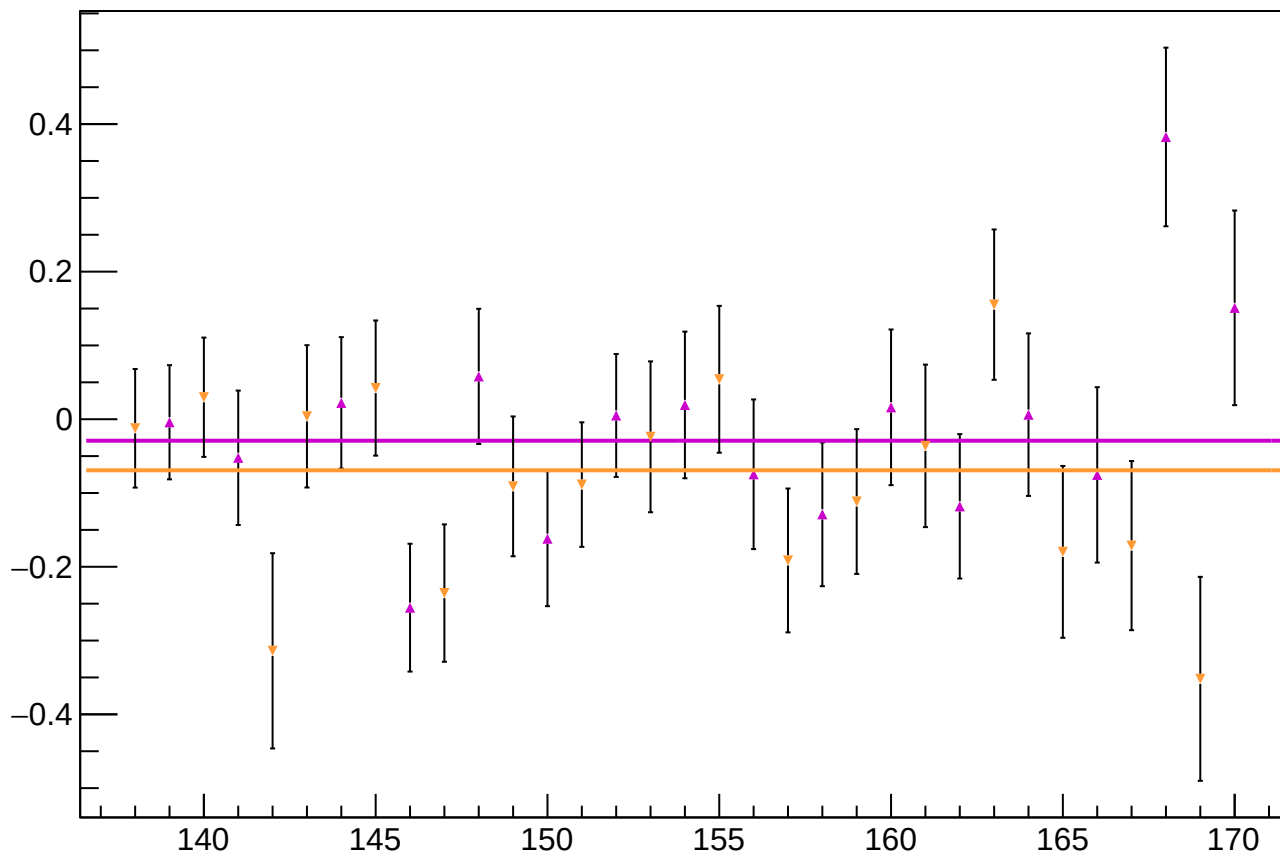
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.420 ± 0.010 $\chi^2/\text{NDF}: 36462.6/16$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.298 ± 0.010 $\chi^2/\text{NDF}: 24955.7/15$

Left: -1.357 ± 0.007 $\chi^2/\text{NDF}: 61498.3/32$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.064 ± 0.009 $\chi^2/\text{NDF}: 33874.5/31$
 Out: -1.455 ± 0.009 $\chi^2/\text{NDF}: 114415.7/34$
 All: -1.255 ± 0.006 $\chi^2/\text{NDF}: 149274.5/66$

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: -0.069 $\pm$ 0.024 χ^2 /NDF:25.1/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Left: -0.049 $\pm$ 0.017 χ^2 /NDF: 53.2/32

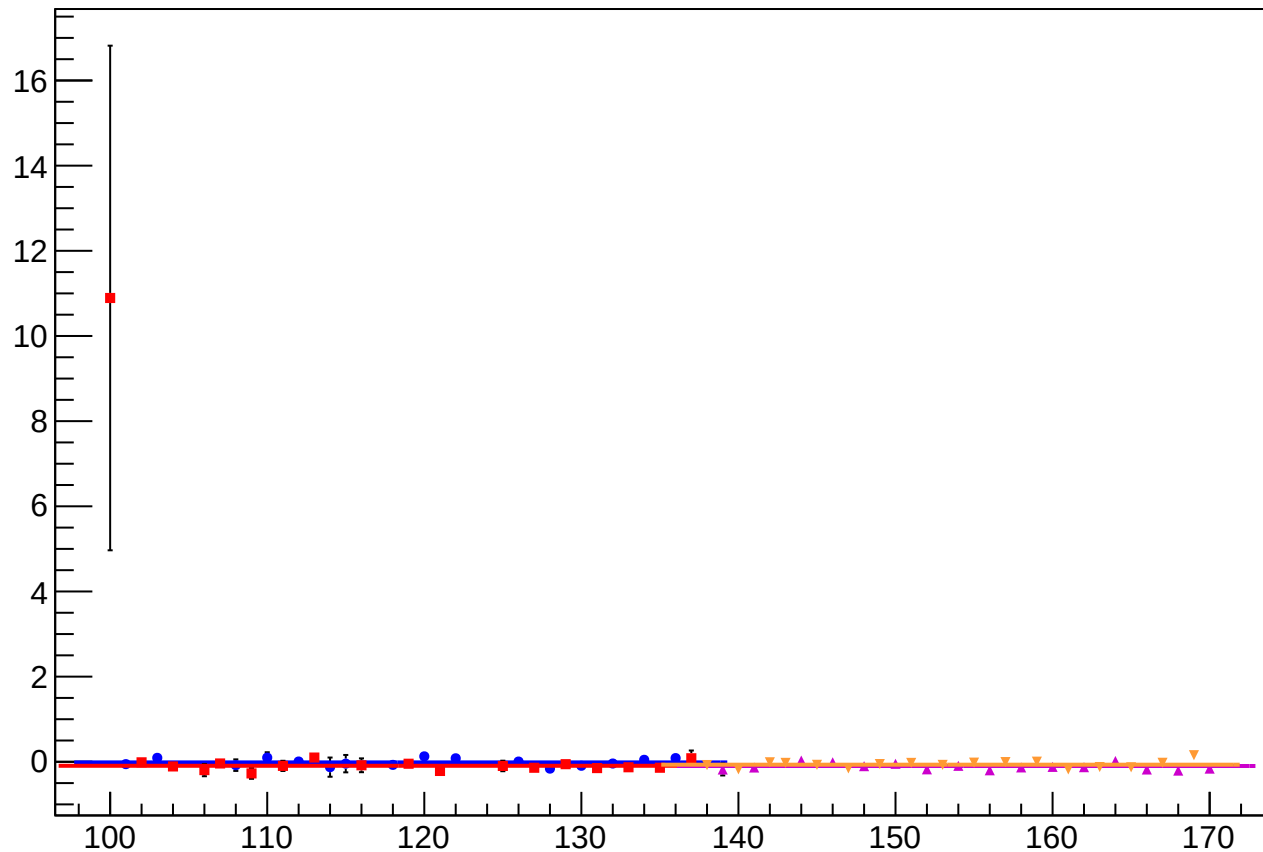
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Out: -0.069 $\pm$ 0.024 χ^2 /NDF:25.1/16

All: -0.049 $\pm$ 0.017 χ^2 /NDF: 53.2/32

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: -0.068 ± 0.017 χ^2/NDF : 18.8/16

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.099 ± 0.017 χ^2/NDF : 16.0/15

Left: -0.083 ± 0.012 χ^2/NDF : 36.4/32

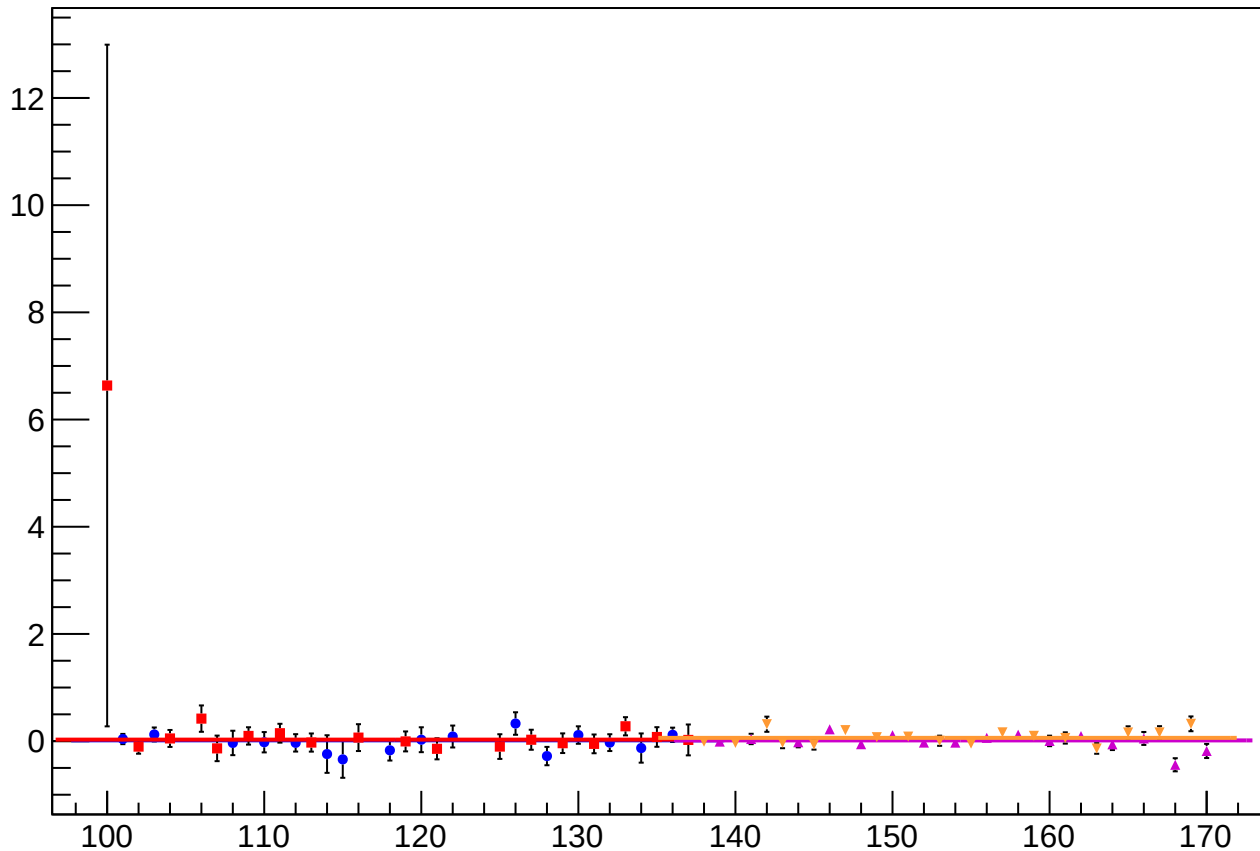
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.069 ± 0.014 χ^2/NDF : 37.0/31

Out: -0.076 ± 0.014 χ^2/NDF : 33.0/34

All: -0.072 ± 0.010 χ^2/NDF : 70.2/66

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.061+/-0.024 χ^2/NDF : 22.6/16

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.014+/-0.024 χ^2/NDF : 27.8/15

Left: 0.037+/-0.017 χ^2/NDF : 52.5/32

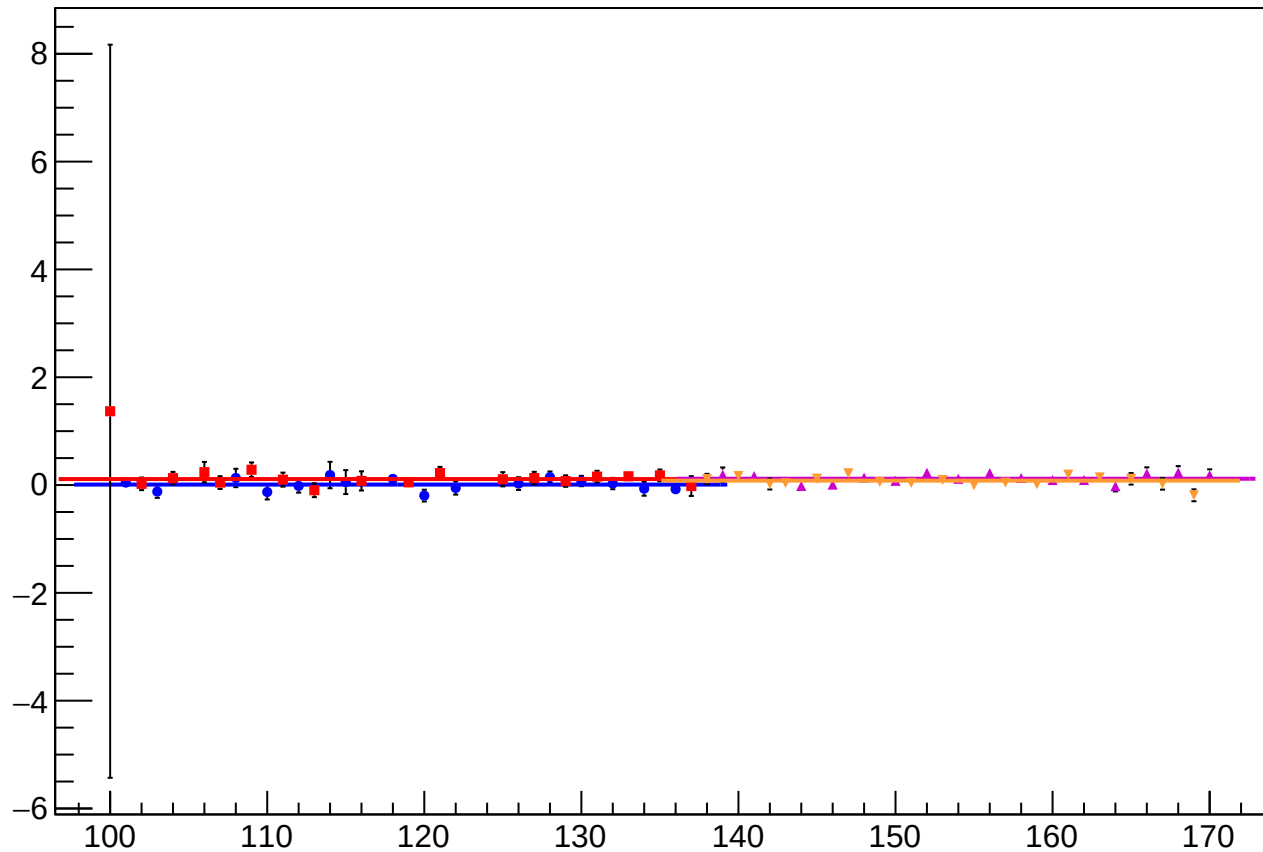
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.014+/-0.021 χ^2/NDF : 37.9/31

Out: 0.054+/-0.021 χ^2/NDF : 32.6/34

All: 0.034+/-0.015 χ^2/NDF : 72.3/66

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: 0.082 $\pm$ 0.020 χ^2/NDF : 18.7/16

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/17

Left In: 0.117 $\pm$ 0.020 χ^2/NDF : 15.1/15

Left: 0.099 $\pm$ 0.014 χ^2/NDF : 35.4/32

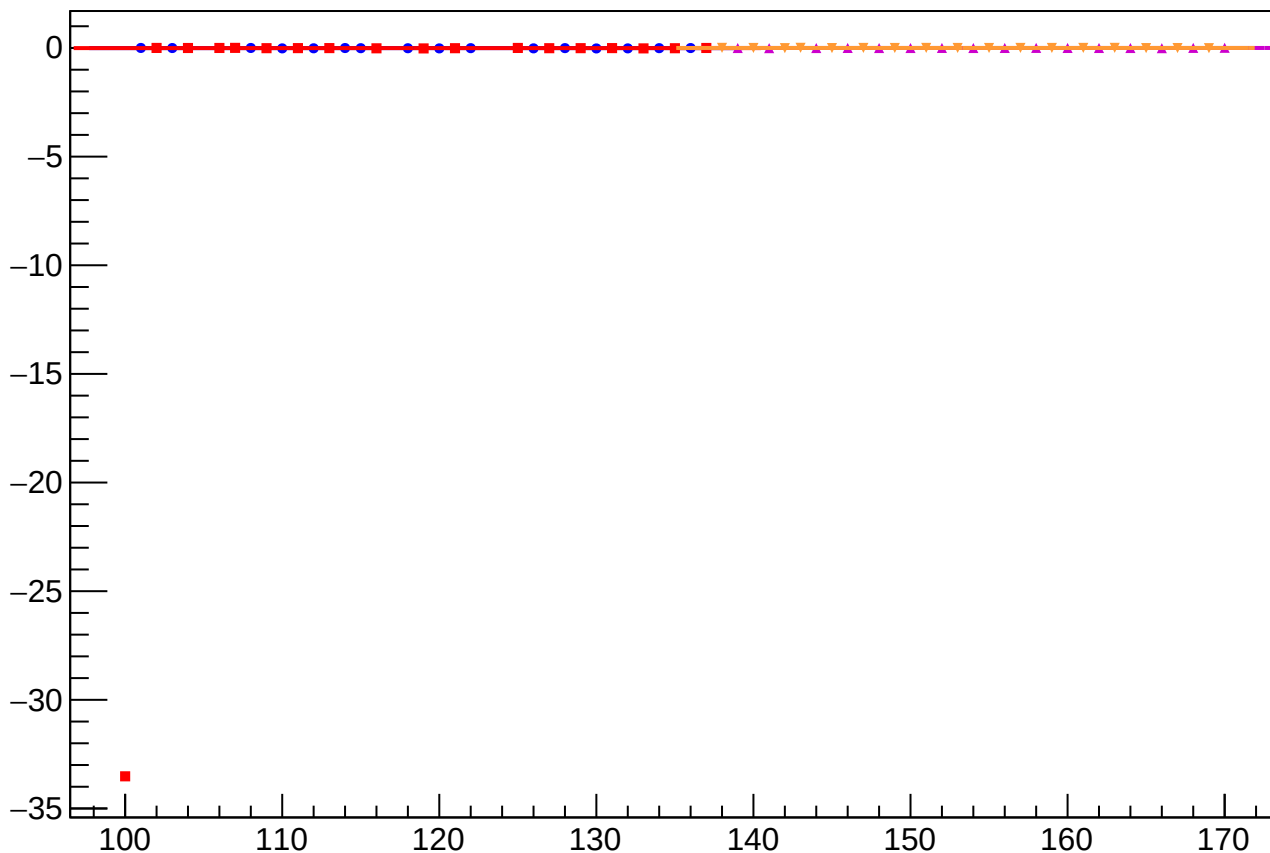
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/33

In: 0.078 $\pm$ 0.016 χ^2/NDF : 38.1/31

Out: 0.091 $\pm$ 0.016 χ^2/NDF : 28.0/34

All: 0.085 $\pm$ 0.011 χ^2/NDF : 66.4/66

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 16.9/16

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 14.8/15

Left: 0.001 ± 0.001 χ^2/NDF : 31.9/32

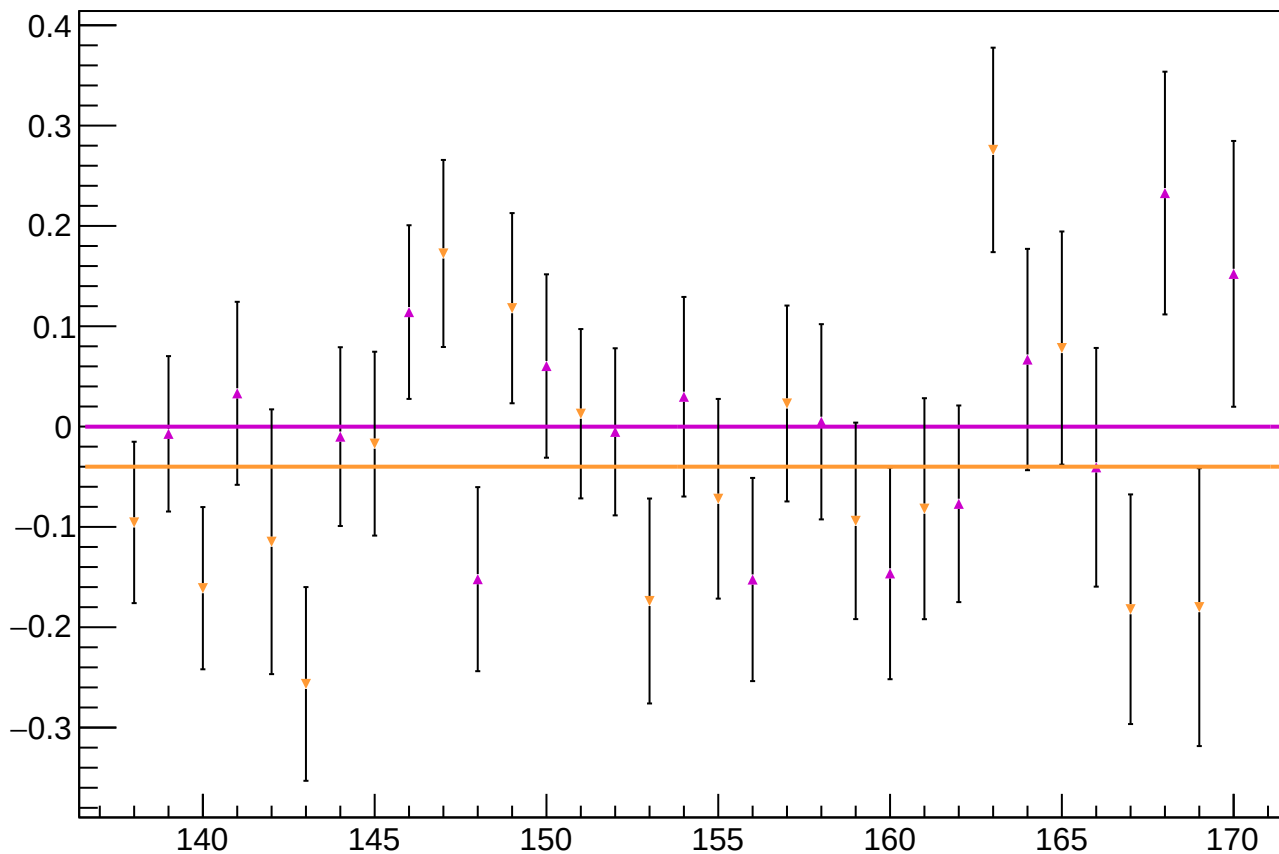
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.001 ± 0.001 χ^2/NDF : 49.1/31

Out: -0.001 ± 0.001 χ^2/NDF : 26541.8/34

All: -0.001 ± 0.001 χ^2/NDF : 26591.0/66

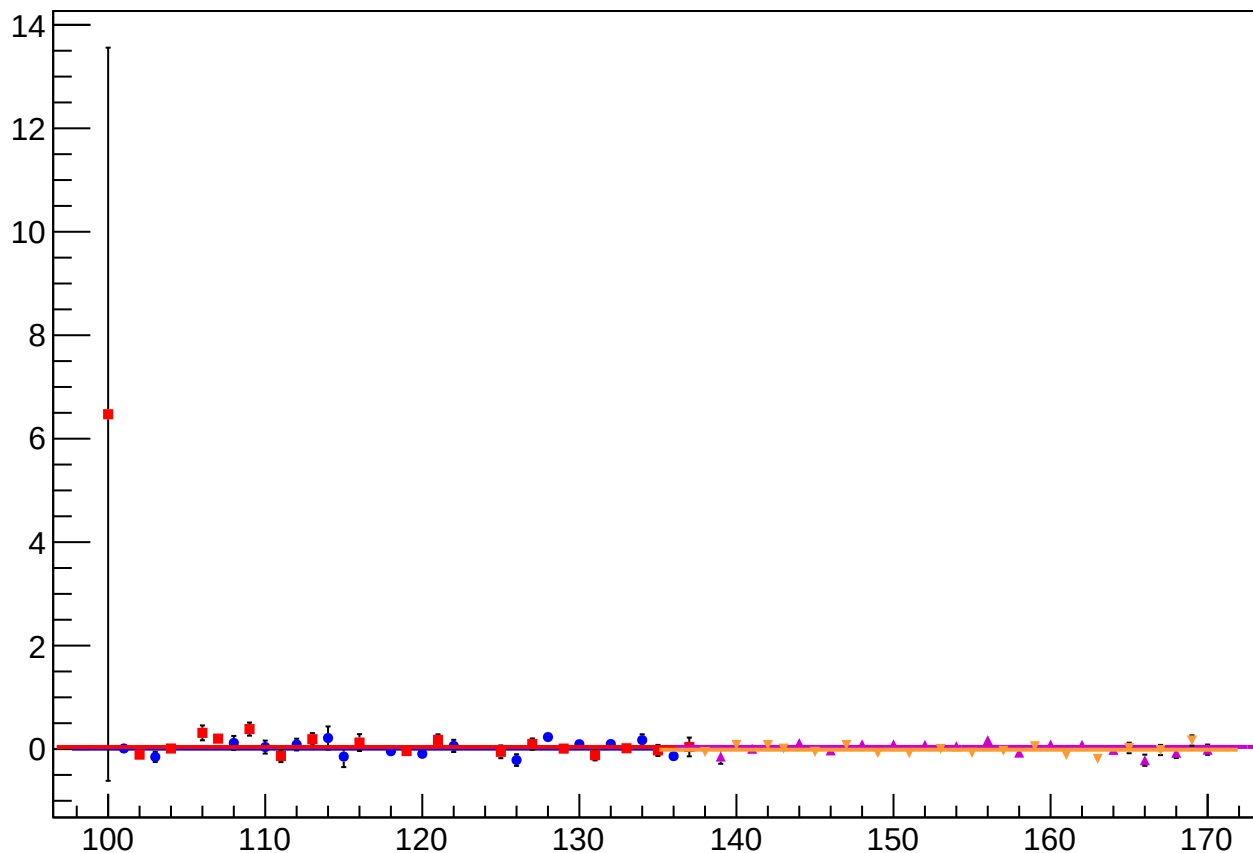
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.040 $\pm$ 0.024 χ^2 /NDF:32.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15

Left: -0.020 $\pm$ 0.017 χ^2 /NDF: 49.2/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15
 Out: -0.040 $\pm$ 0.024 χ^2 /NDF:32.4/16
 All: -0.020 $\pm$ 0.017 χ^2 /NDF: 49.2/32

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: -0.012+/-0.017 χ^2/NDF :23.0/16

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.042+/-0.017 χ^2/NDF :21.9/15

Left: 0.014+/-0.012 χ^2/NDF : 49.9/32

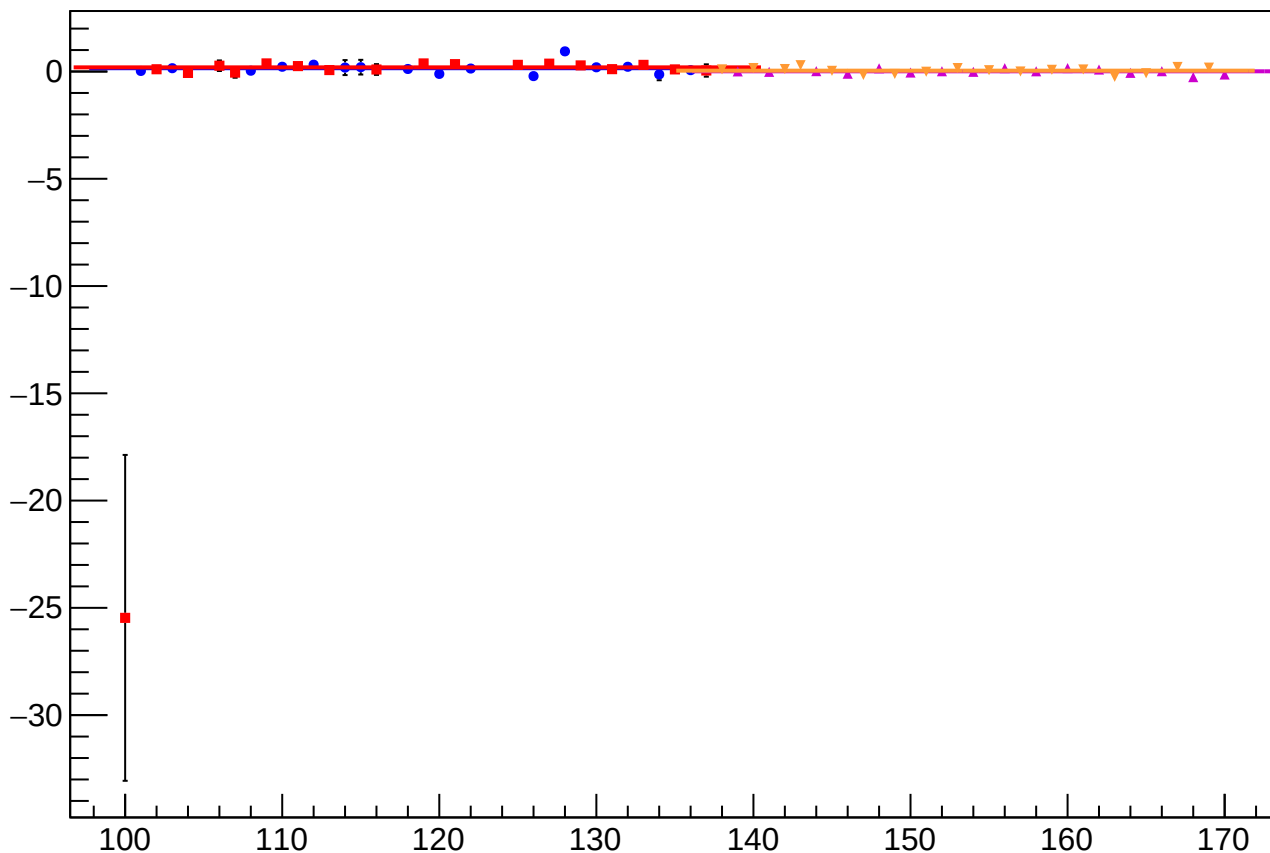
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.030+/-0.014 χ^2/NDF :46.9/31

Out: 0.004+/-0.014 χ^2/NDF :54.5/34

All: 0.017+/-0.010 χ^2/NDF : 103.1/66

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: 0.039+/-0.024 χ^2/NDF : 32.8/16

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.009+/-0.024 χ^2/NDF : 17.2/15

Left: 0.024+/-0.017 χ^2/NDF : 50.8/32

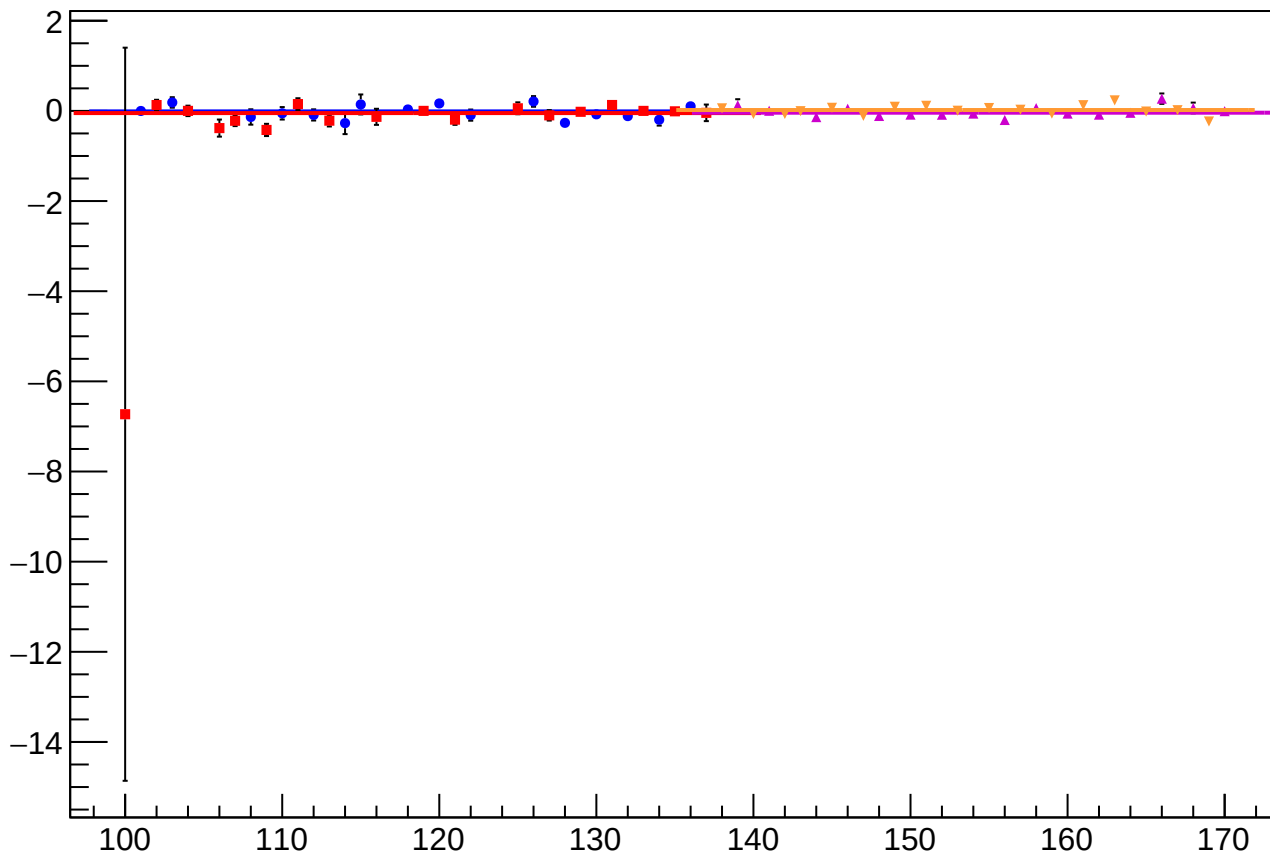
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.043+/-0.021 χ^2/NDF : 56.4/31

Out: 0.073+/-0.021 χ^2/NDF : 64.0/34

All: 0.058+/-0.015 χ^2/NDF : 121.4/66

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: 0.019 ± 0.020 χ^2/NDF : 25.7/16

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.040 ± 0.020 χ^2/NDF : 22.1/15

Left: -0.010 ± 0.014 χ^2/NDF : 52.2/32

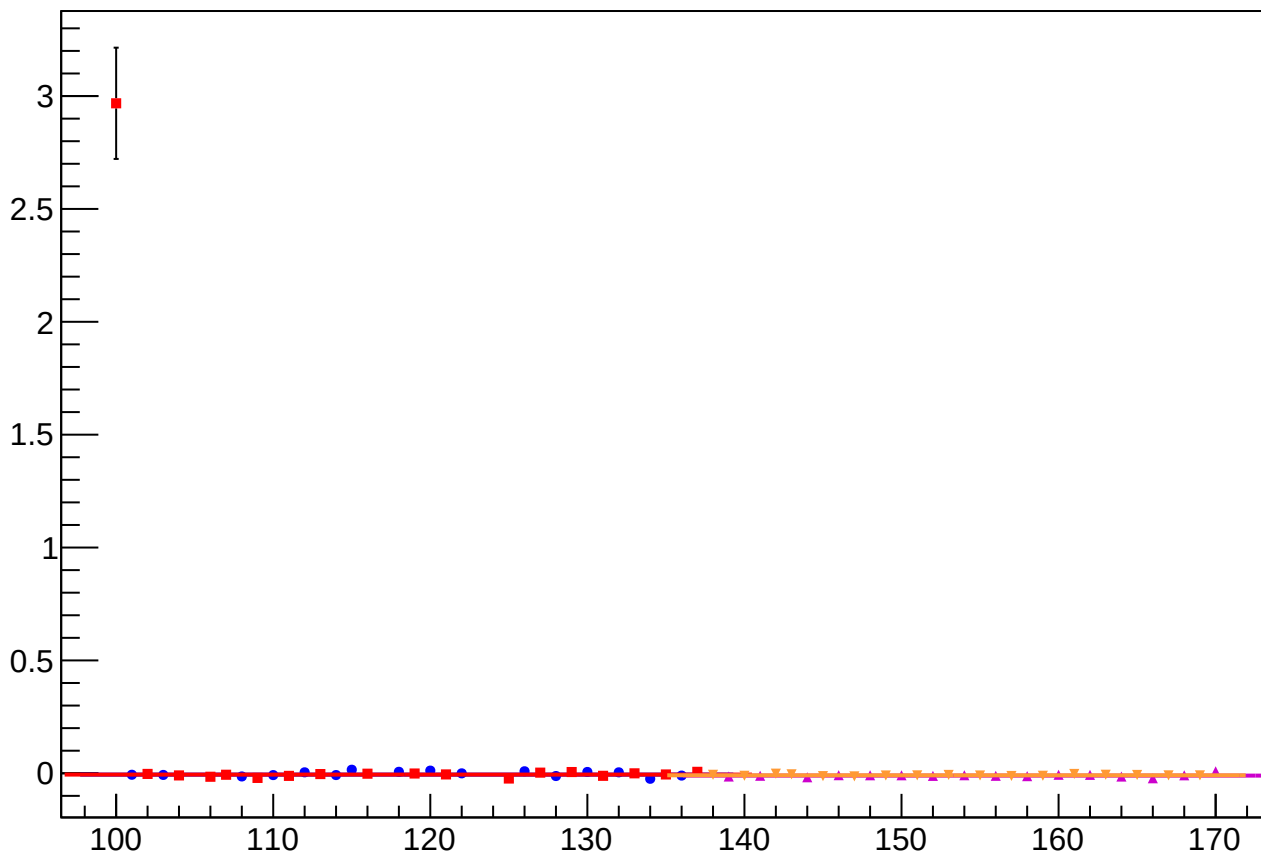
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.029 ± 0.016 χ^2/NDF : 46.3/31

Out: -0.003 ± 0.016 χ^2/NDF : 55.8/34

All: -0.016 ± 0.011 χ^2/NDF : 103.4/66

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:10.4/16

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.010+/-0.001 χ^2 /NDF:29.7/15

Left: -0.010+/-0.001 χ^2 /NDF: 41.3/32

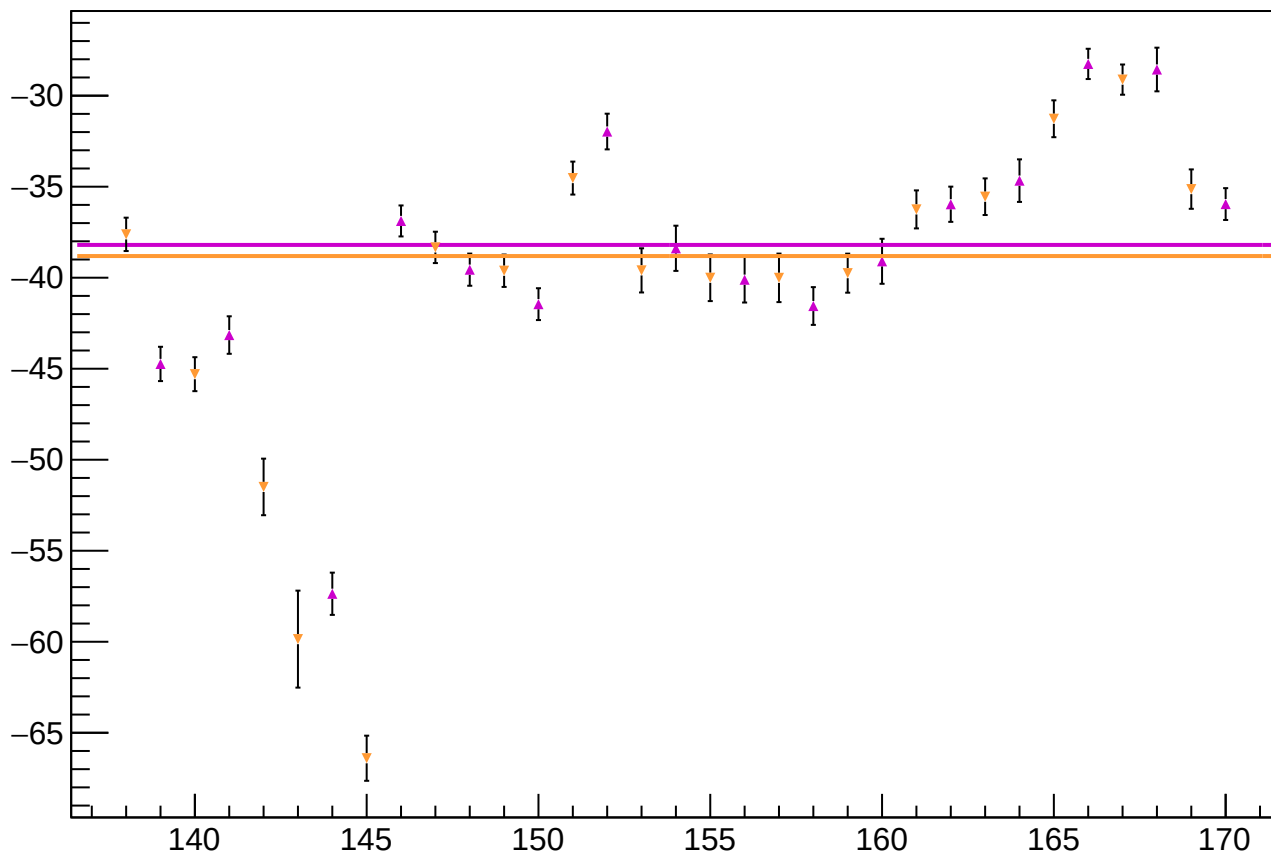
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.009+/-0.001 χ^2 /NDF:65.0/31

Out: -0.008+/-0.001 χ^2 /NDF:178.8/34

All: -0.009+/-0.001 χ^2 /NDF: 244.7/66

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



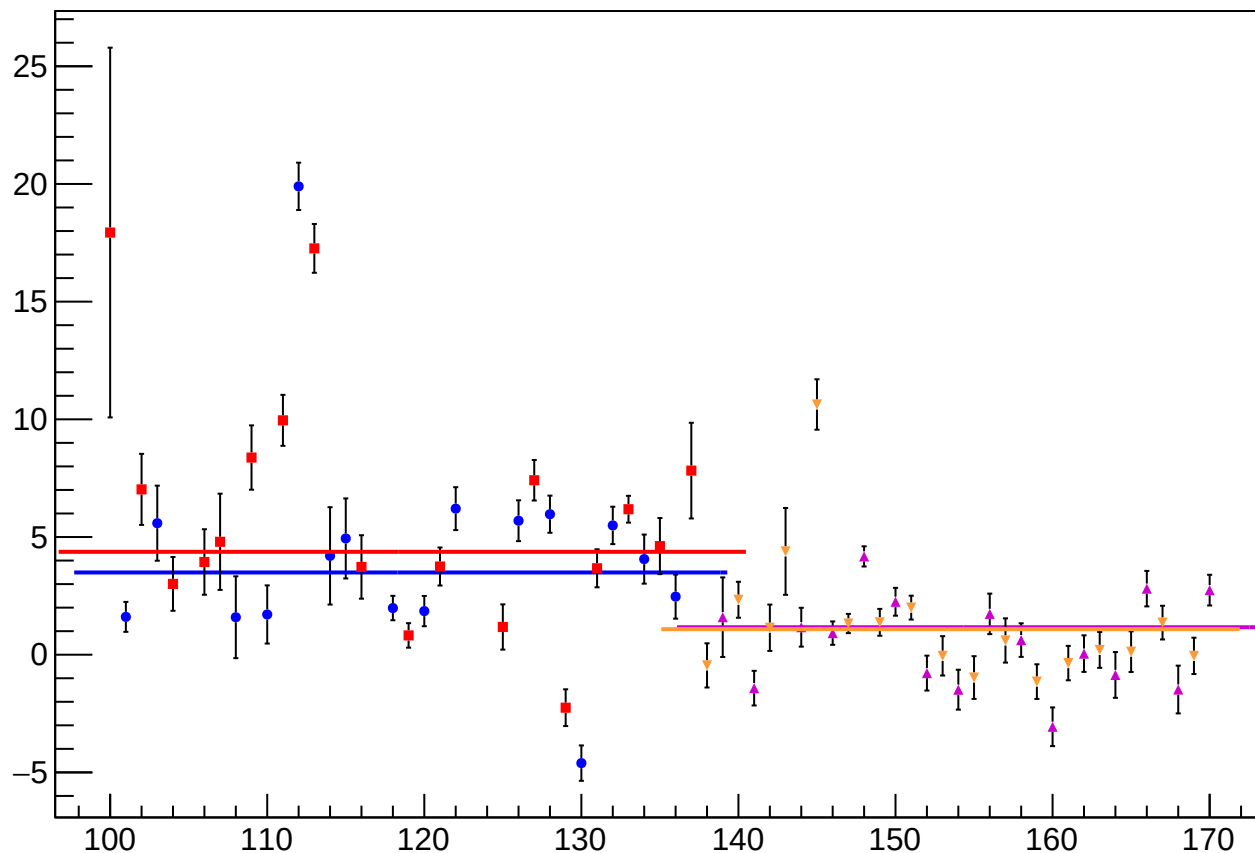
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -38.810 $\pm$ 0.256 χ^2 /NDF:920.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -38.199 $\pm$ 0.250 χ^2 /NDF:645.0/15

Left: -38.498 $\pm$ 0.179 χ^2 /NDF: 1568.6/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -38.199 $\pm$ 0.250 χ^2 /NDF:645.0/15
 Out: -38.810 $\pm$ 0.256 χ^2 /NDF:920.6/16

All: -38.498 $\pm$ 0.179 χ^2 /NDF: 1568.6/32

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 χ^2/NDF : 444.9/15

Left Out: 1.086 ± 0.176 χ^2/NDF : 117.0/16

Right Out: 4.372 ± 0.225 χ^2/NDF : 354.0/17

Left In: 1.168 ± 0.177 χ^2/NDF : 133.3/15

Left: 1.127 ± 0.125 χ^2/NDF : 250.3/32

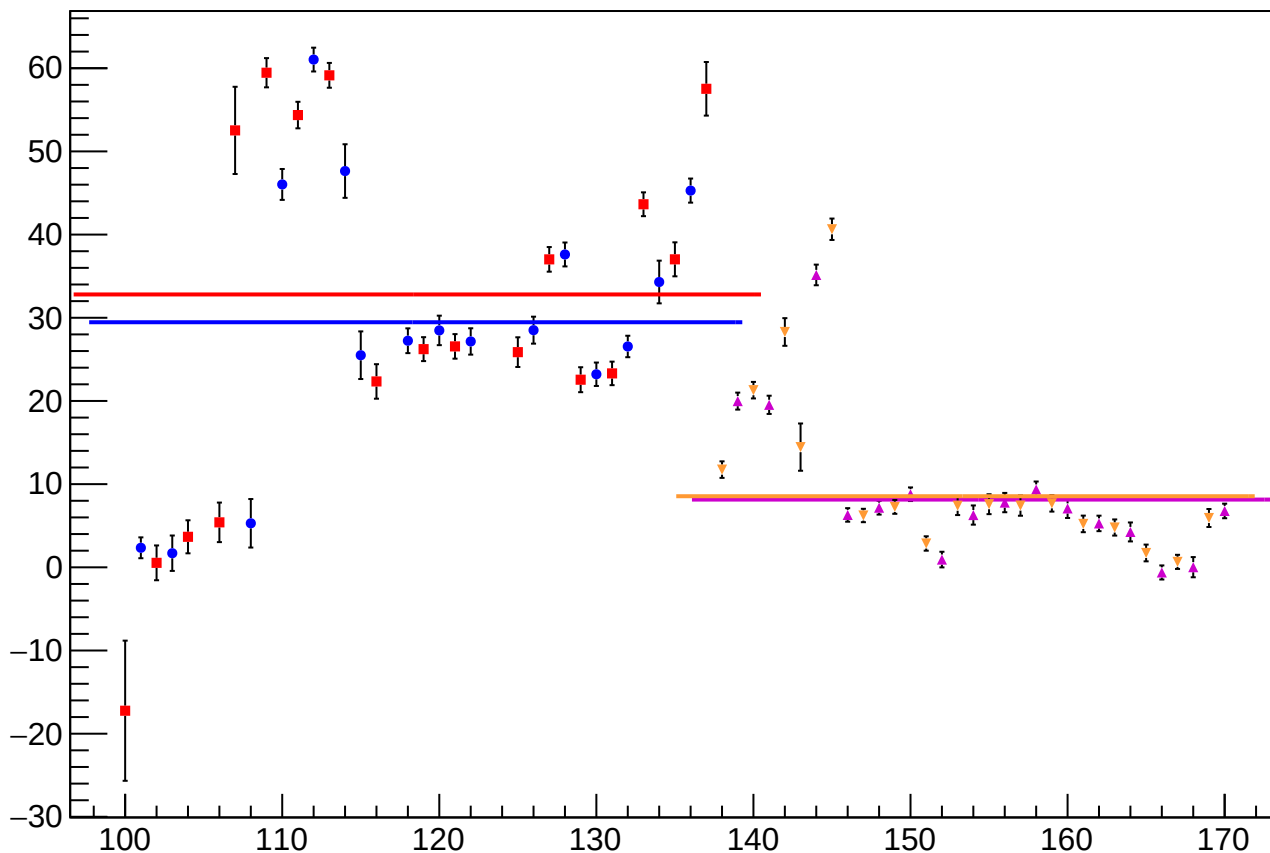
Right: 3.918 ± 0.157 χ^2/NDF : 806.7/33

In: 2.096 ± 0.137 χ^2/NDF : 646.8/31

Out: 2.334 ± 0.139 χ^2/NDF : 602.8/34

All: 2.214 ± 0.098 χ^2/NDF : 1251.1/66

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: 8.547 $\pm$ 0.251 χ^2 /NDF:1164.0/16

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 8.144 $\pm$ 0.245 χ^2 /NDF:962.9/15

Left: 8.341 $\pm$ 0.175 χ^2 /NDF: 2128.2/32

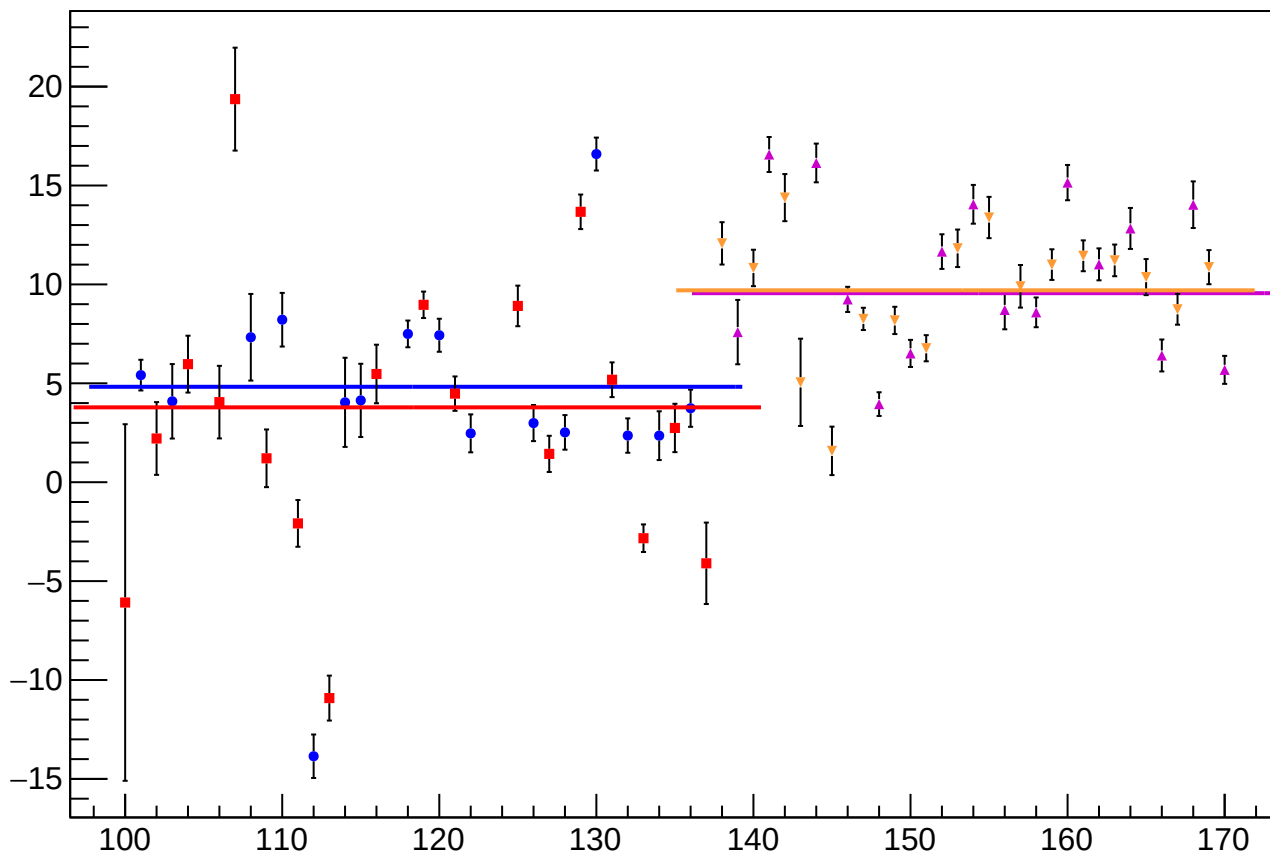
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 13.600 $\pm$ 0.211 χ^2 /NDF:4394.5/31

Out: 14.857 $\pm$ 0.216 χ^2 /NDF:5257.1/34

All: 14.215 $\pm$ 0.151 χ^2 /NDF: 9668.9/66

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: 9.700 ± 0.208 $\chi^2/\text{NDF}: 134.1/16$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.556 ± 0.208 $\chi^2/\text{NDF}: 358.3/15$

Left: 9.628 ± 0.147 $\chi^2/\text{NDF}: 492.7/32$

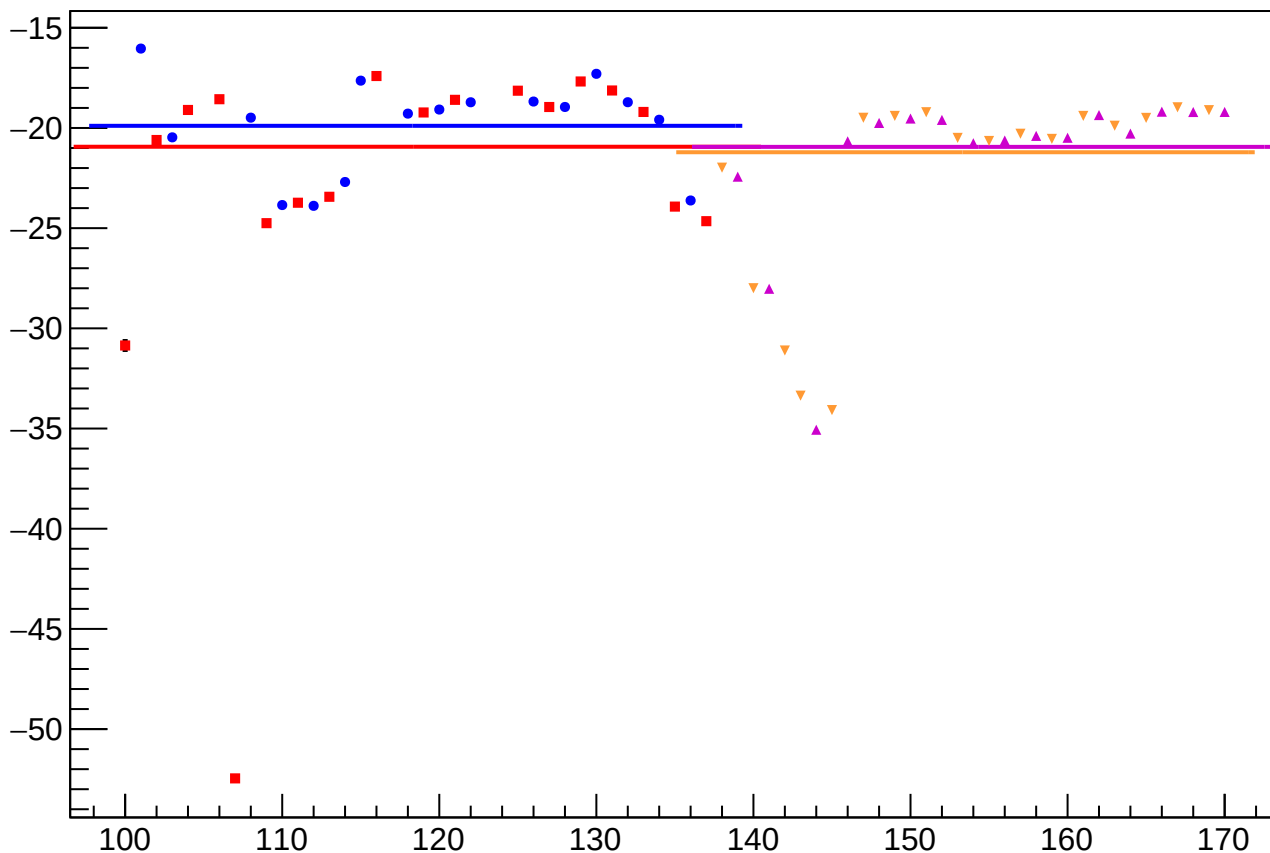
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.641 ± 0.160 $\chi^2/\text{NDF}: 1121.7/31$

Out: 7.380 ± 0.162 $\chi^2/\text{NDF}: 1016.5/34$

All: 7.512 ± 0.114 $\chi^2/\text{NDF}: 2139.5/66$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -21.211 $\pm$ 0.010 χ^2 /NDF:142926.9/16

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -20.943 $\pm$ 0.010 χ^2 /NDF:107717.6/15

Left: -21.073 $\pm$ 0.007 χ^2 /NDF: 251017.0/32

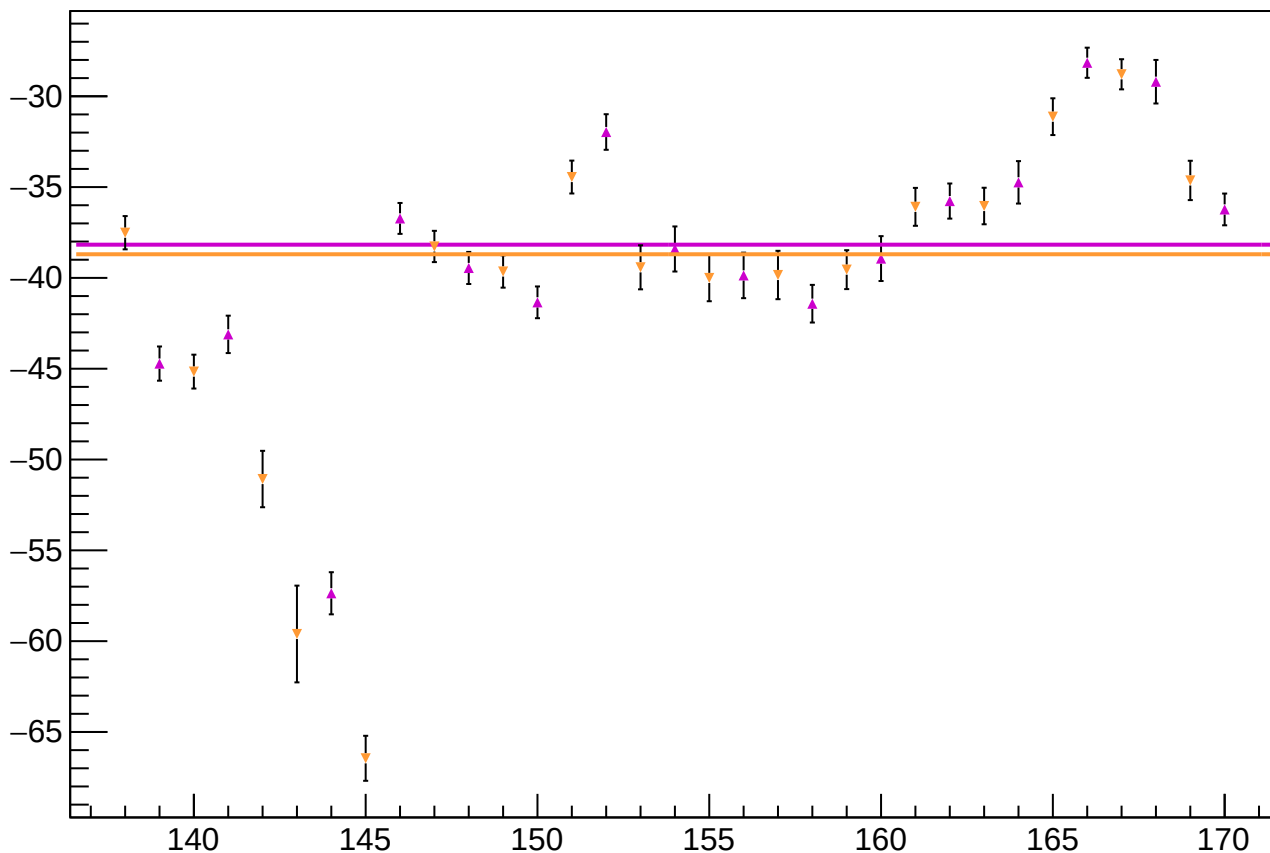
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -20.651 $\pm$ 0.008 χ^2 /NDF:137090.6/31

Out: -21.132 $\pm$ 0.008 χ^2 /NDF:237272.1/34

All: -20.886 $\pm$ 0.006 χ^2 /NDF: 376036.8/66

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



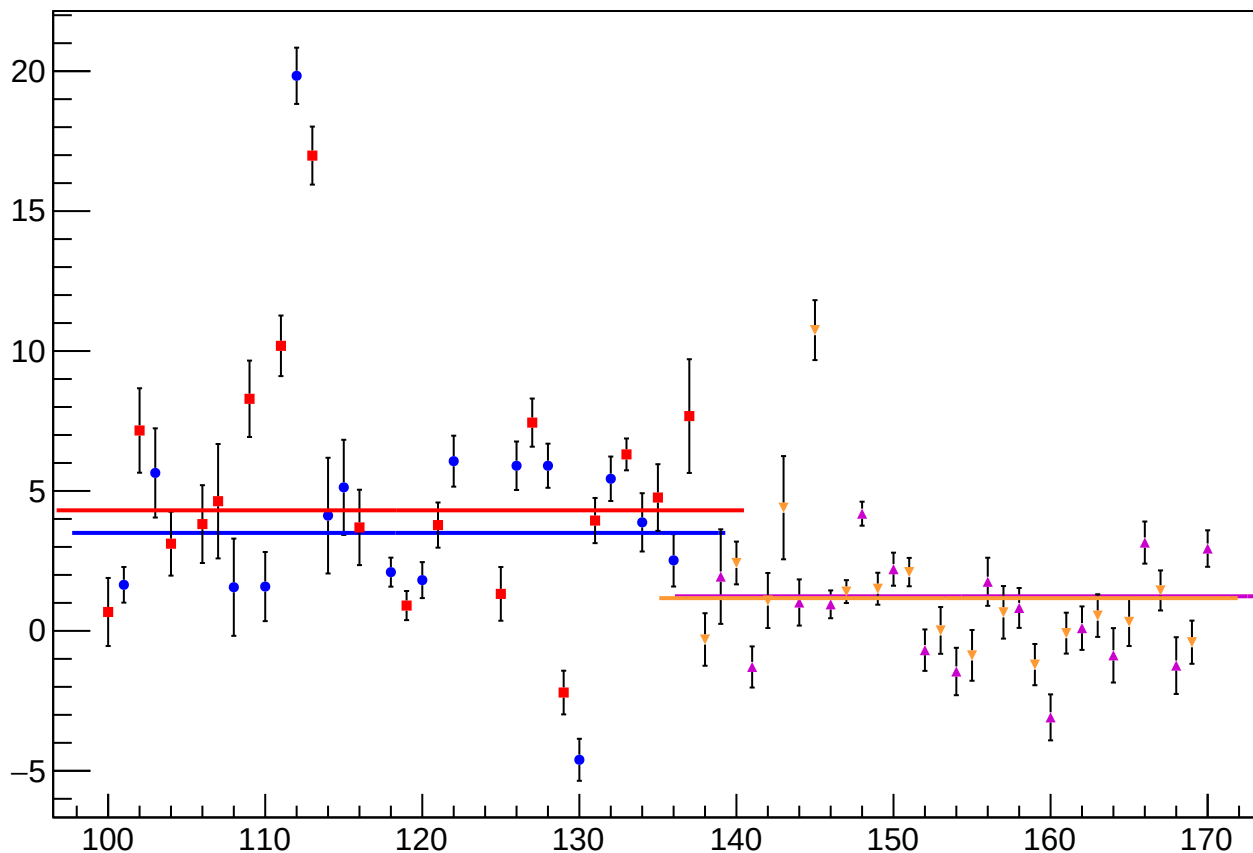
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.699+/-0.256 χ^2/NDF : 928.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.171+/-0.250 χ^2/NDF : 636.8/15

Left: -38.429+/-0.179 χ^2/NDF : 1567.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.171+/-0.250 χ^2/NDF : 636.8/15
 Out: -38.699+/-0.256 χ^2/NDF : 928.8/16

All: -38.429+/-0.179 χ^2/NDF : 1567.8/32

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: 1.170 ± 0.176 χ^2/NDF : 118.9/16

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.236 ± 0.177 χ^2/NDF : 133.9/15

Left: 1.203 ± 0.125 χ^2/NDF : 252.8/32

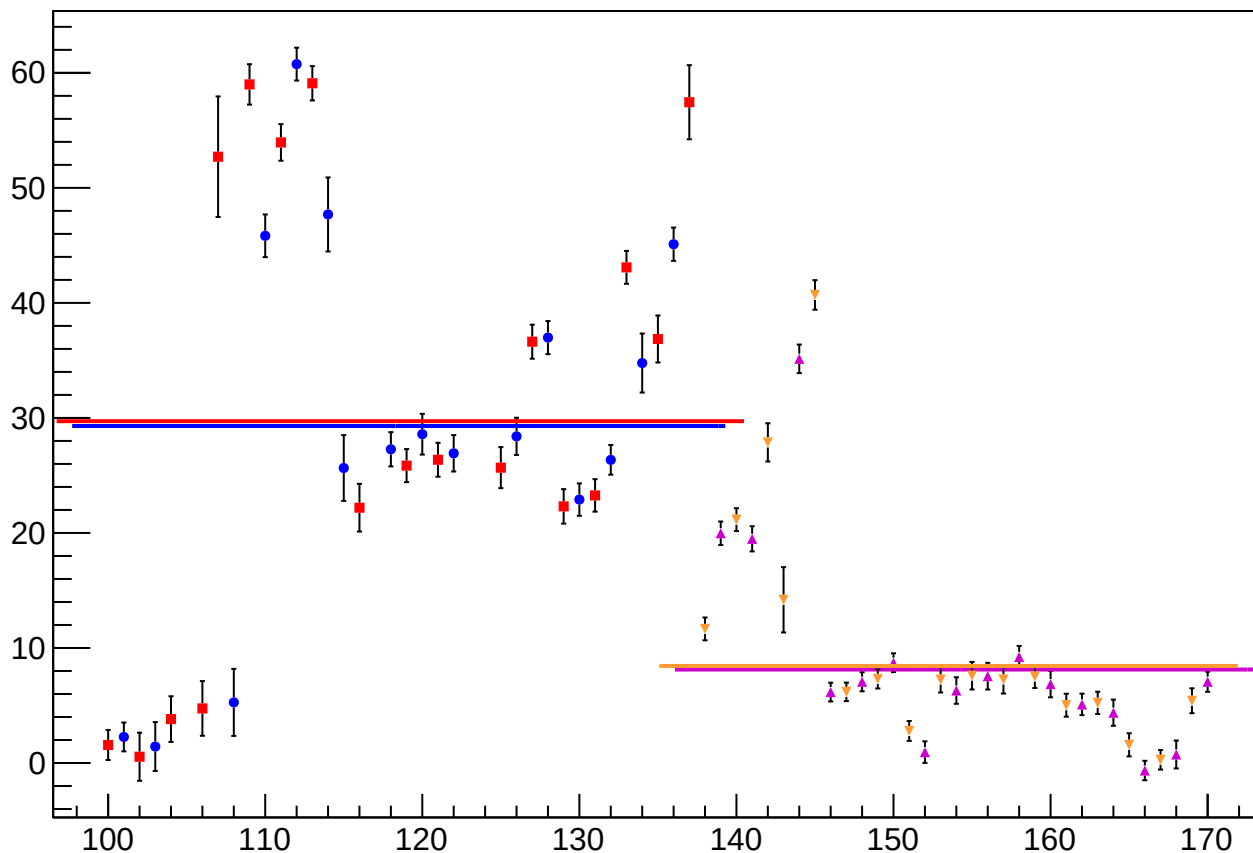
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.140 ± 0.137 χ^2/NDF : 641.0/31

Out: 2.387 ± 0.138 χ^2/NDF : 594.6/34

All: 2.263 ± 0.097 χ^2/NDF : 1237.2/66

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 χ^2/NDF : 1485.2/15

Left Out: 8.438 ± 0.251 χ^2/NDF : 1170.0/16

Right Out: 29.719 ± 0.403 χ^2/NDF : 2128.9/17

Left In: 8.127 ± 0.245 χ^2/NDF : 956.7/15

Left: 8.279 ± 0.175 χ^2/NDF : 2127.5/32

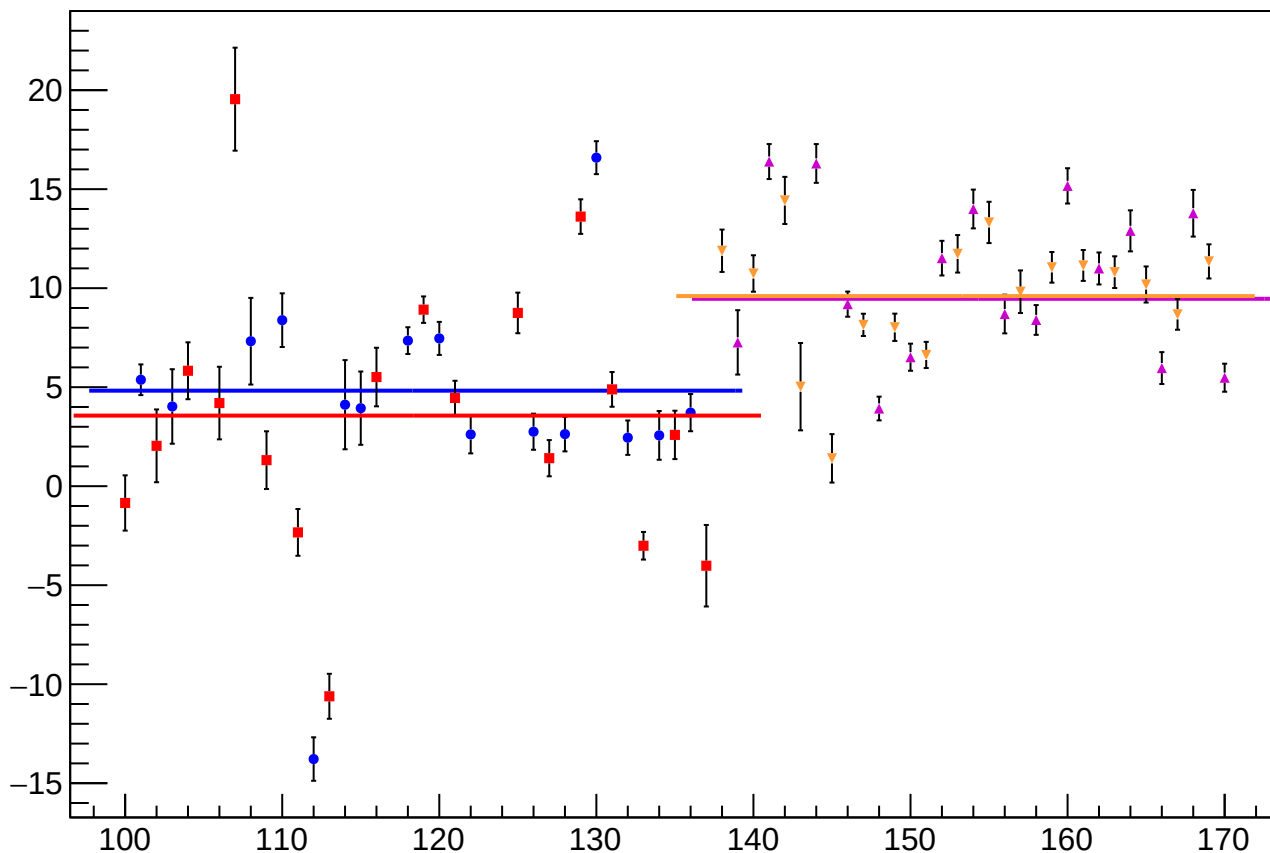
Right: 29.515 ± 0.290 χ^2/NDF : 3614.7/33

In: 13.545 ± 0.211 χ^2/NDF : 4357.4/31

Out: 14.383 ± 0.213 χ^2/NDF : 5312.8/34

All: 13.961 ± 0.150 χ^2/NDF : 9678.0/66

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.601 $\pm$ 0.208 χ^2 /NDF:137.4/16

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.463 $\pm$ 0.207 χ^2 /NDF:365.5/15

Left: 9.532 $\pm$ 0.147 χ^2 /NDF: 503.1/32

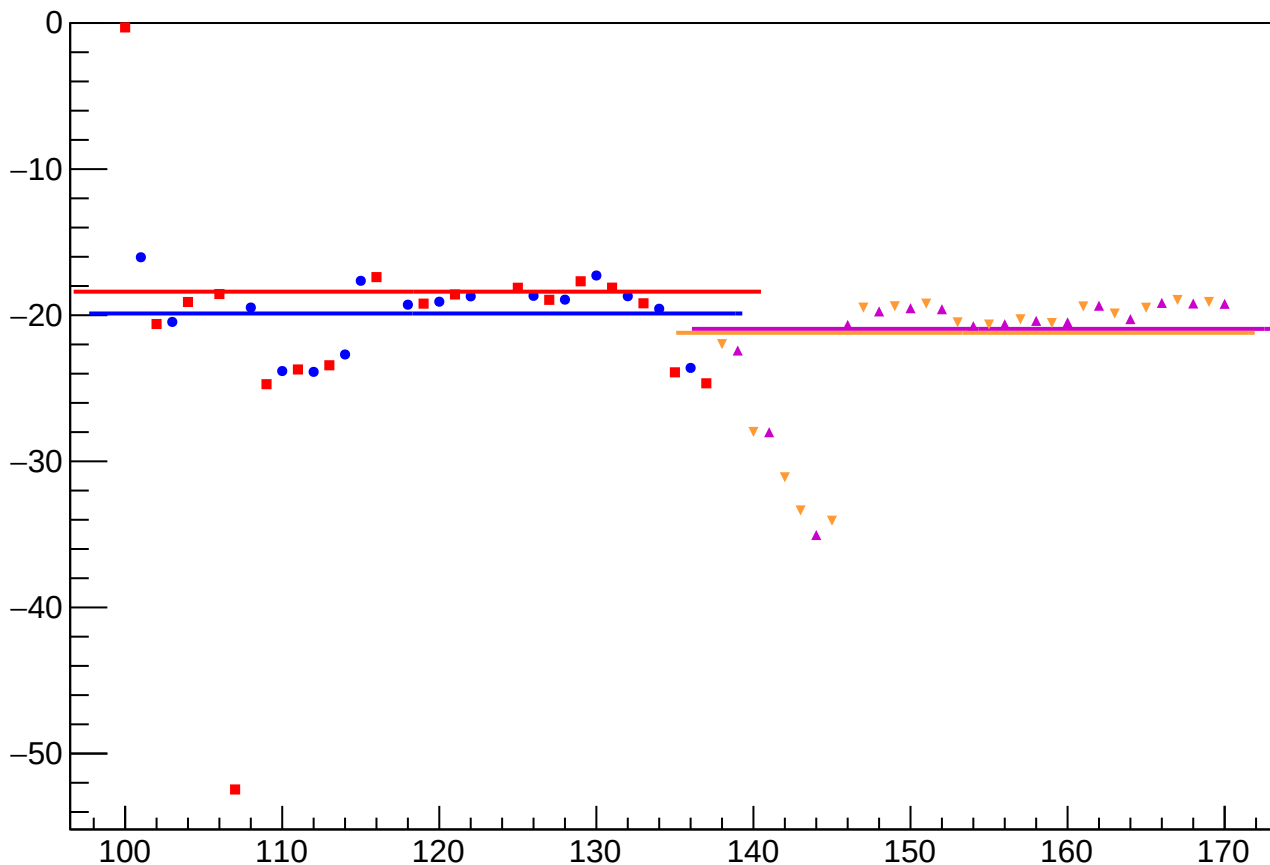
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.585 $\pm$ 0.160 χ^2 /NDF:1117.2/31

Out: 7.185 $\pm$ 0.161 χ^2 /NDF:1045.3/34

All: 7.386 $\pm$ 0.113 χ^2 /NDF: 2165.5/66

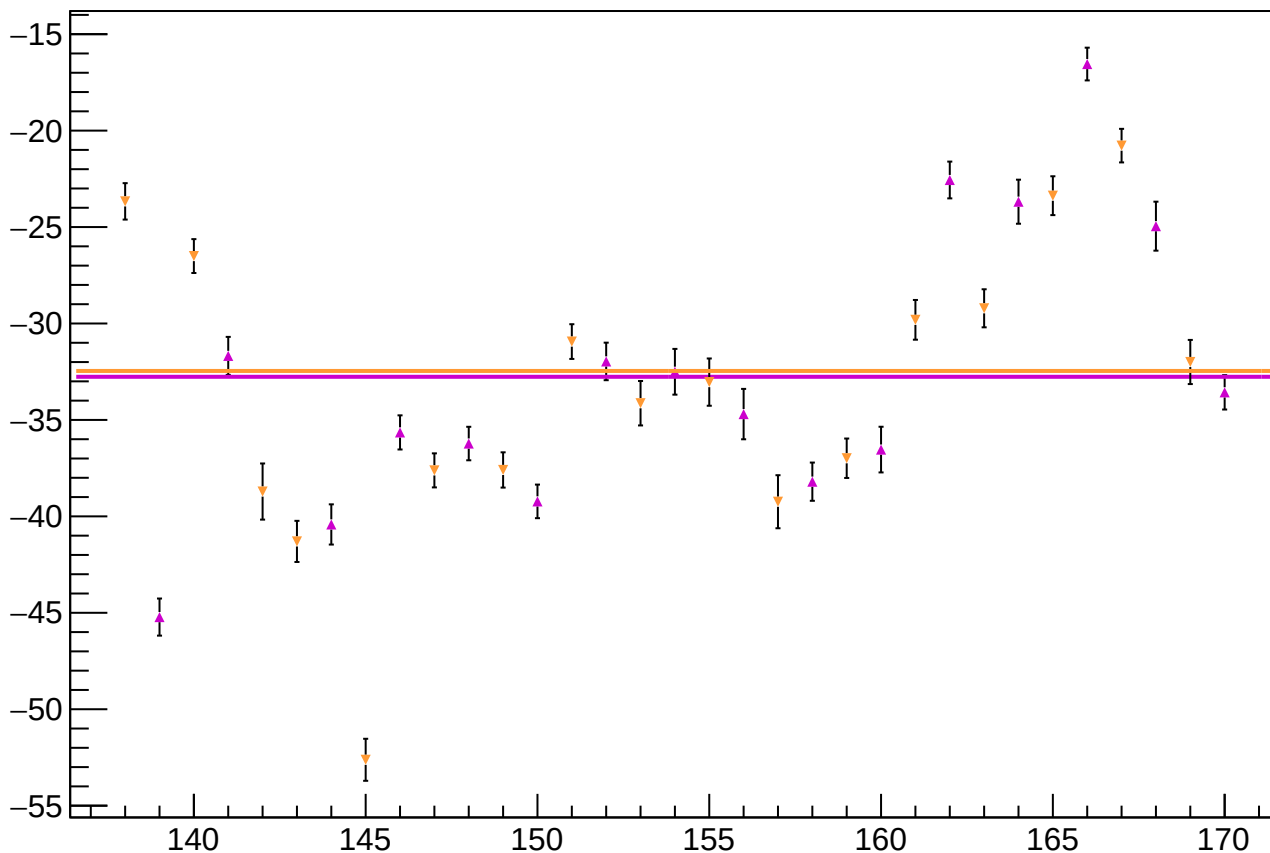
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.203 ± 0.010 $\chi^2/\text{NDF}: 143057.1/16$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.934 ± 0.010 $\chi^2/\text{NDF}: 107614.7/15$

Left: -21.064 ± 0.007 $\chi^2/\text{NDF}: 251045.5/32$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.641 ± 0.008 $\chi^2/\text{NDF}: 137001.2/31$
 Out: -20.319 ± 0.008 $\chi^2/\text{NDF}: 469346.4/34$
 All: -20.481 ± 0.006 $\chi^2/\text{NDF}: 607111.1/66$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



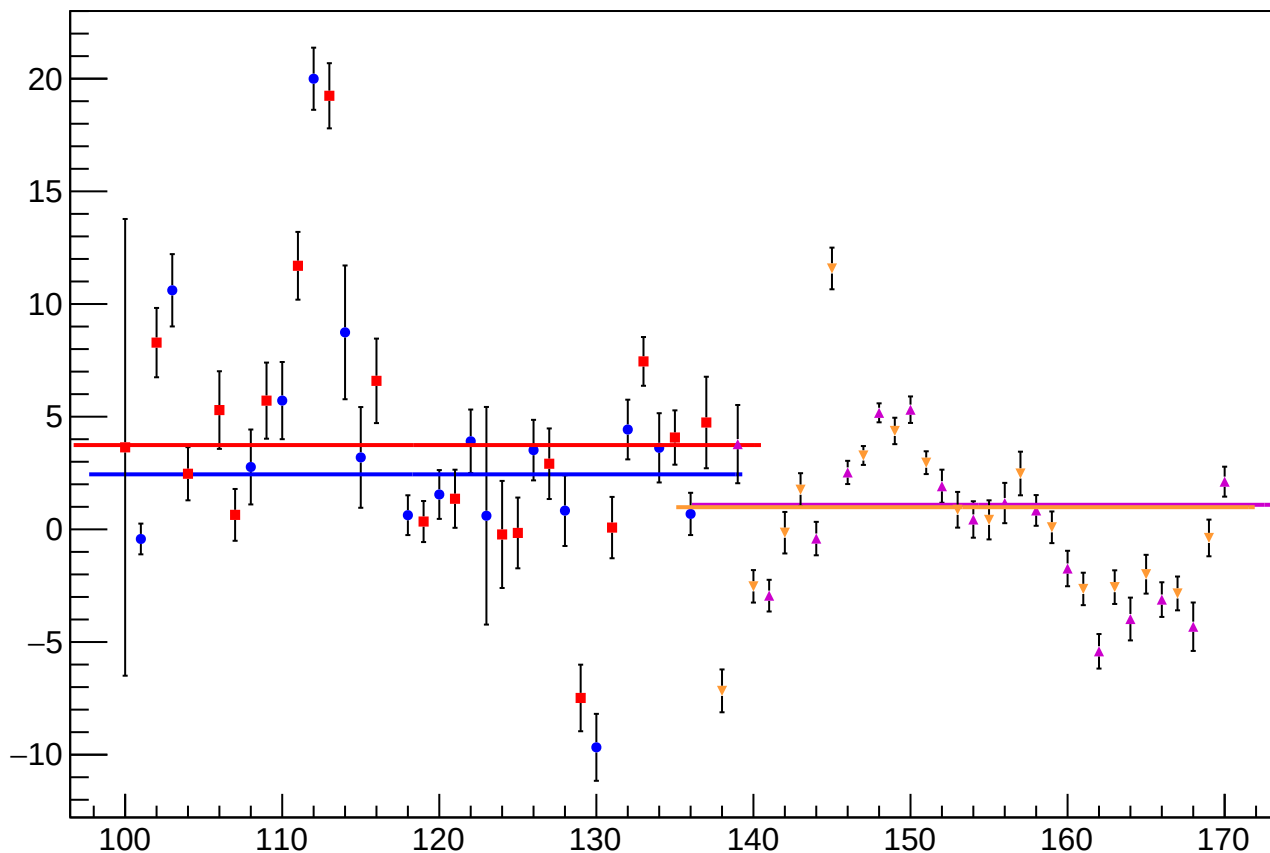
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.461+/-0.248 χ^2/NDF : 956.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.763+/-0.249 χ^2/NDF : 929.0/15

Left: -32.611+/-0.176 χ^2/NDF : 1886.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.763+/-0.249 χ^2/NDF : 929.0/15
 Out: -32.461+/-0.248 χ^2/NDF : 956.4/16

All: -32.611+/-0.176 χ^2/NDF : 1886.1/32

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: 0.984 ± 0.171 χ^2/NDF : 403.1/16

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.090 ± 0.175 χ^2/NDF : 365.6/15

Left: 1.036 ± 0.122 χ^2/NDF : 768.9/32

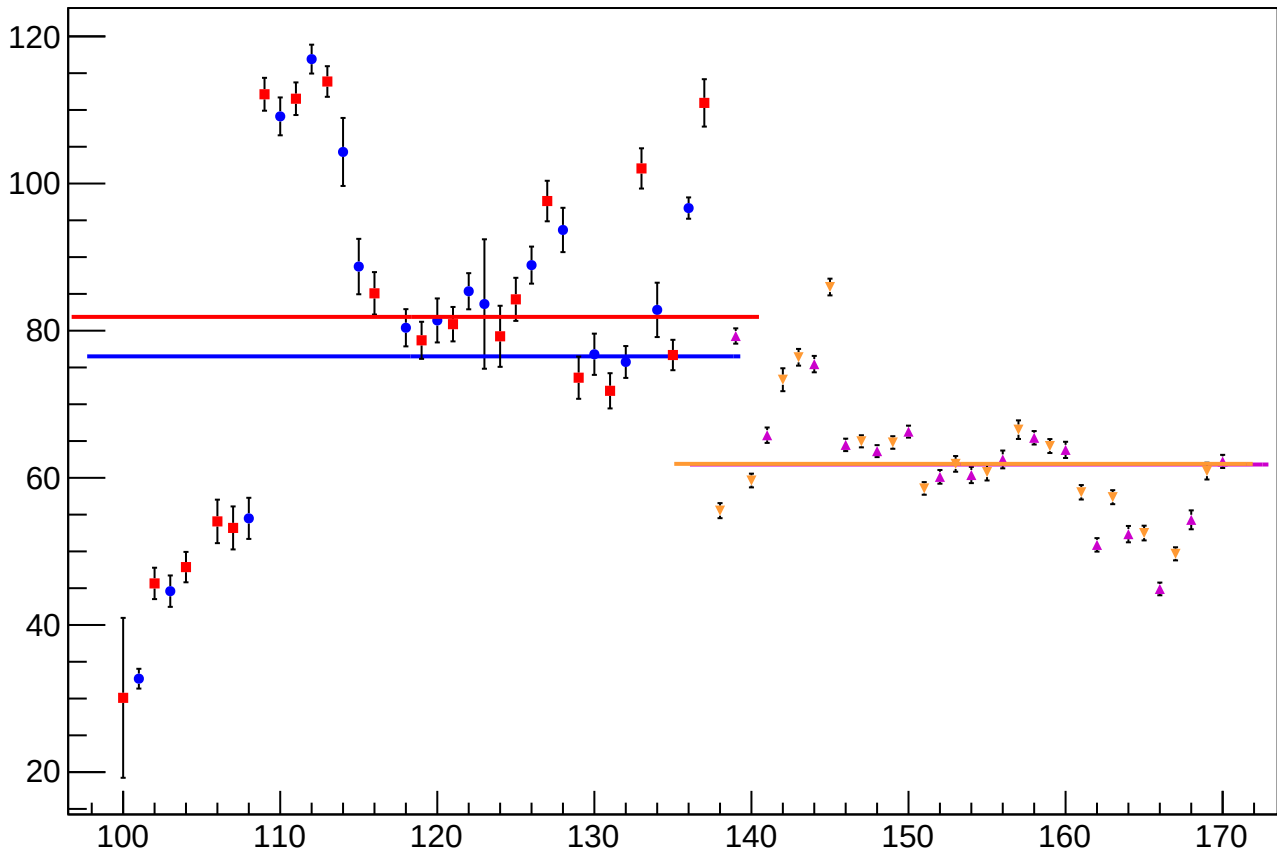
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.415 ± 0.153 χ^2/NDF : 674.6/32

Out: 1.578 ± 0.152 χ^2/NDF : 727.2/35

All: 1.497 ± 0.108 χ^2/NDF : 1402.4/68

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 61.899+/-0.244 χ^2/NDF :1084.0/16

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 61.810+/-0.243 χ^2/NDF :1146.4/15

Left: 61.854+/-0.172 χ^2/NDF : 2230.5/32

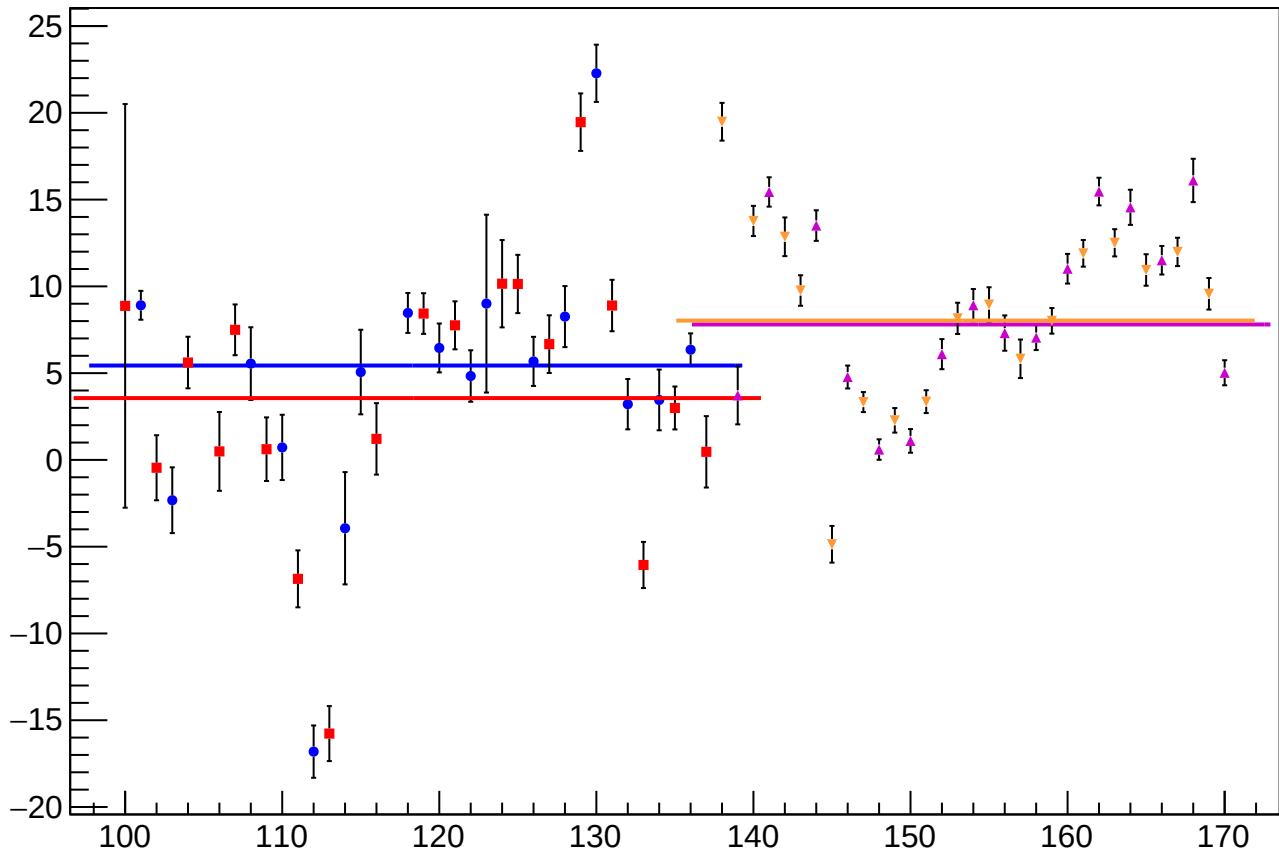
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 64.045+/-0.224 χ^2/NDF :3953.1/32

Out: 64.803+/-0.226 χ^2/NDF :3628.8/35

All: 64.421+/-0.159 χ^2/NDF : 7587.6/68

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 8.028 ± 0.202 χ^2/NDF : 607.5/16

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

Left In: 7.805 ± 0.205 χ^2/NDF : 633.9/15

Left: 7.919 ± 0.144 χ^2/NDF : 1241.9/32

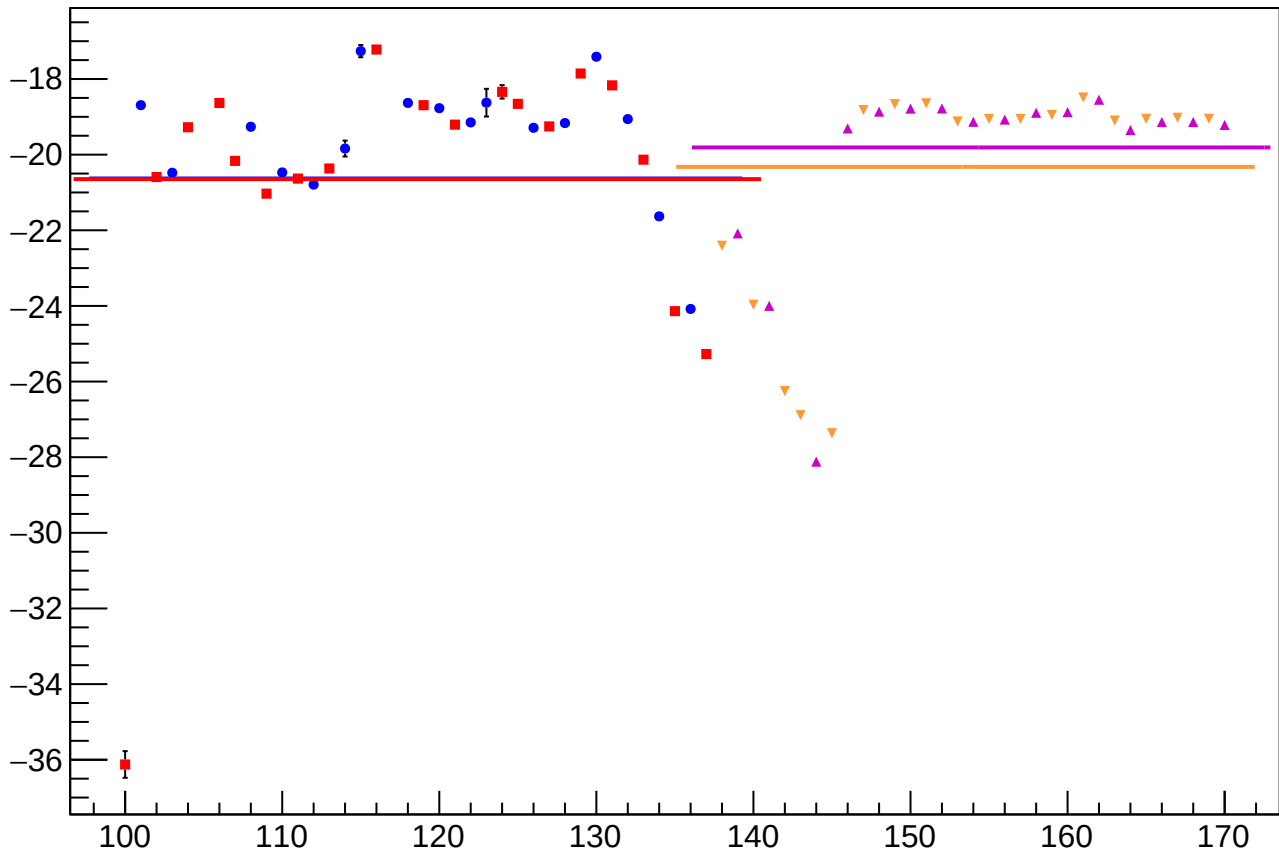
Right: 4.545 ± 0.259 χ^2/NDF : 820.1/35

In: 7.219 ± 0.178 χ^2/NDF : 1052.9/32

Out: 7.026 ± 0.178 χ^2/NDF : 1138.3/35

All: 7.122 ± 0.126 χ^2/NDF : 2191.8/68

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.324 $\pm$ 0.010 χ^2 /NDF: 81438.8/16

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -19.810 $\pm$ 0.010 χ^2 /NDF: 49255.8/15

Left: -20.064 $\pm$ 0.007 χ^2 /NDF: 132109.6/32

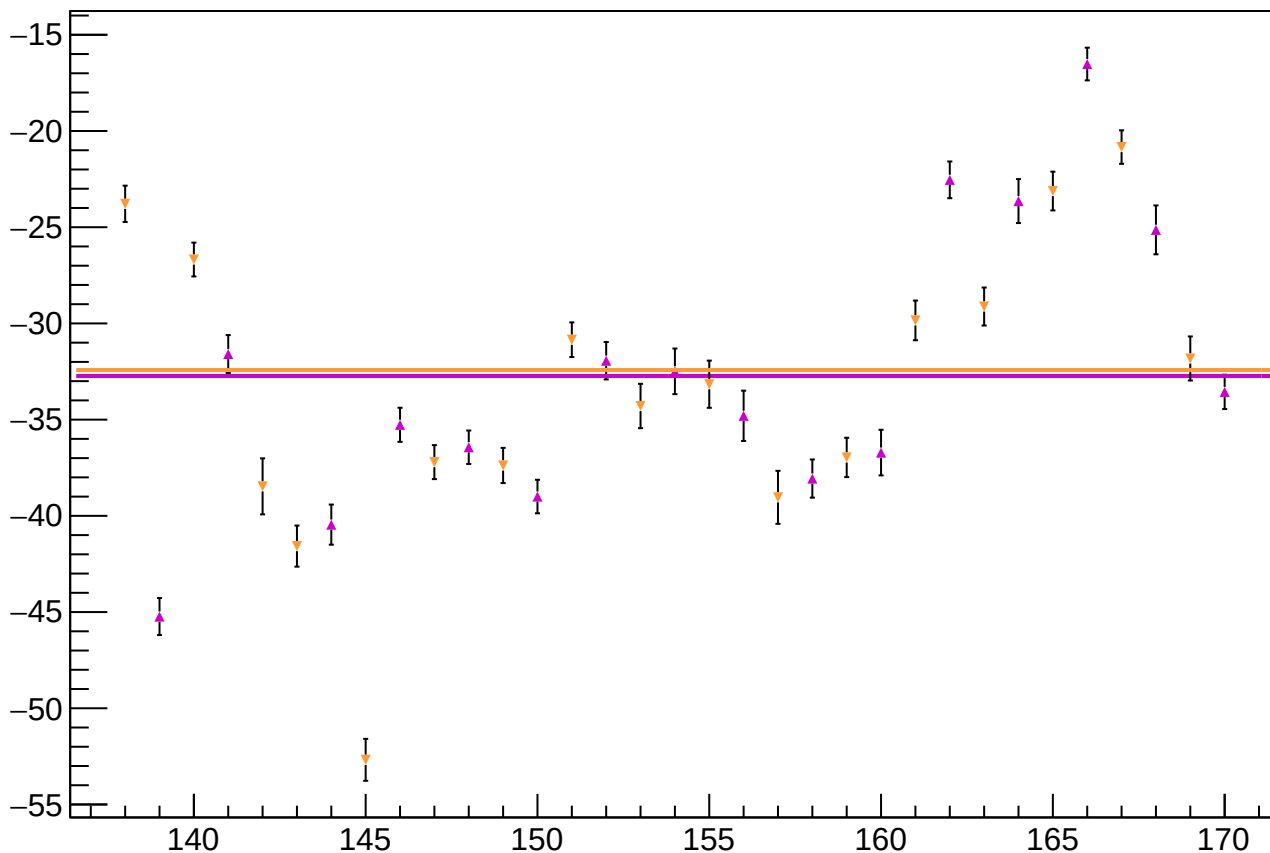
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -19.973 $\pm$ 0.009 χ^2 /NDF: 63209.8/32

Out: -20.388 $\pm$ 0.009 χ^2 /NDF: 95569.9/35

All: -20.179 $\pm$ 0.006 χ^2 /NDF: 159932.9/68

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



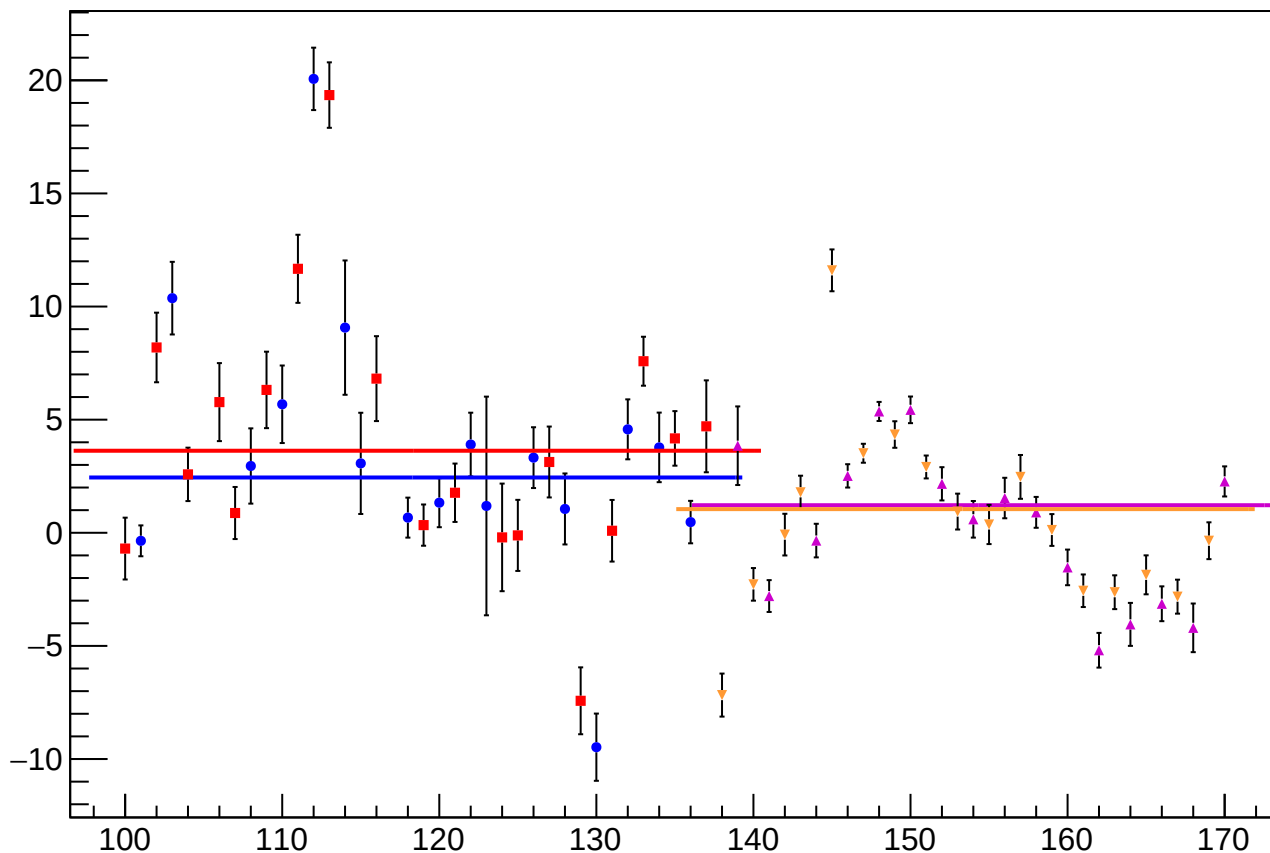
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.421+/-0.248 χ^2/NDF :950.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.730+/-0.249 χ^2/NDF :924.6/15

Left: -32.575+/-0.176 χ^2/NDF : 1875.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.730+/-0.249 χ^2/NDF :924.6/15
 Out: -32.421+/-0.248 χ^2/NDF :950.2/16

All: -32.575+/-0.176 χ^2/NDF : 1875.5/32

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: 1.046 ± 0.171 χ^2/NDF : 403.3/16

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.219 ± 0.176 χ^2/NDF : 369.0/15

Left: 1.130 ± 0.123 χ^2/NDF : 772.8/32

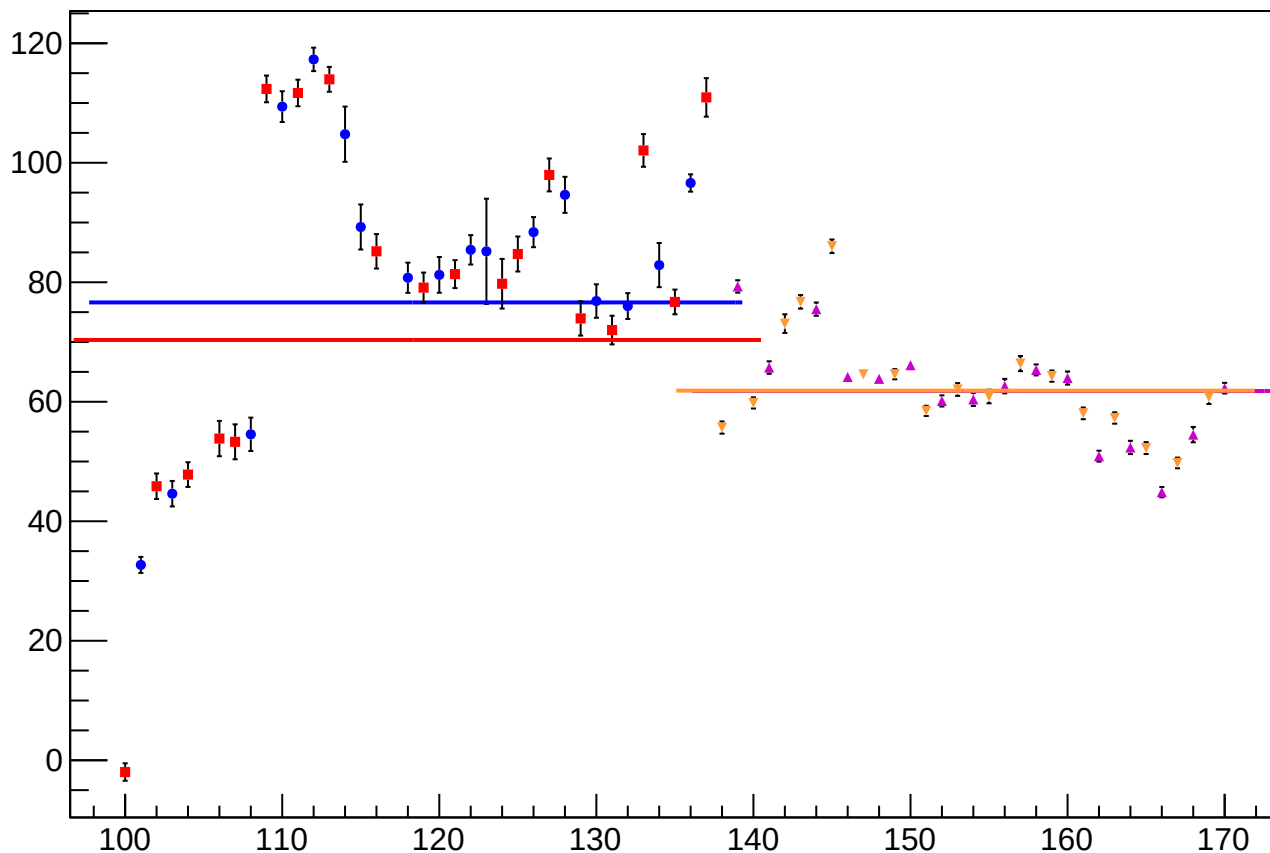
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.514 ± 0.153 χ^2/NDF : 673.4/32

Out: 1.626 ± 0.151 χ^2/NDF : 733.3/35

All: 1.571 ± 0.107 χ^2/NDF : 1407.0/68

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: 61.866 $\pm$ 0.244 χ^2 /NDF:1086.5/16

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.802 $\pm$ 0.243 χ^2 /NDF:1141.3/15

Left: 61.834 $\pm$ 0.172 χ^2 /NDF: 2227.9/32

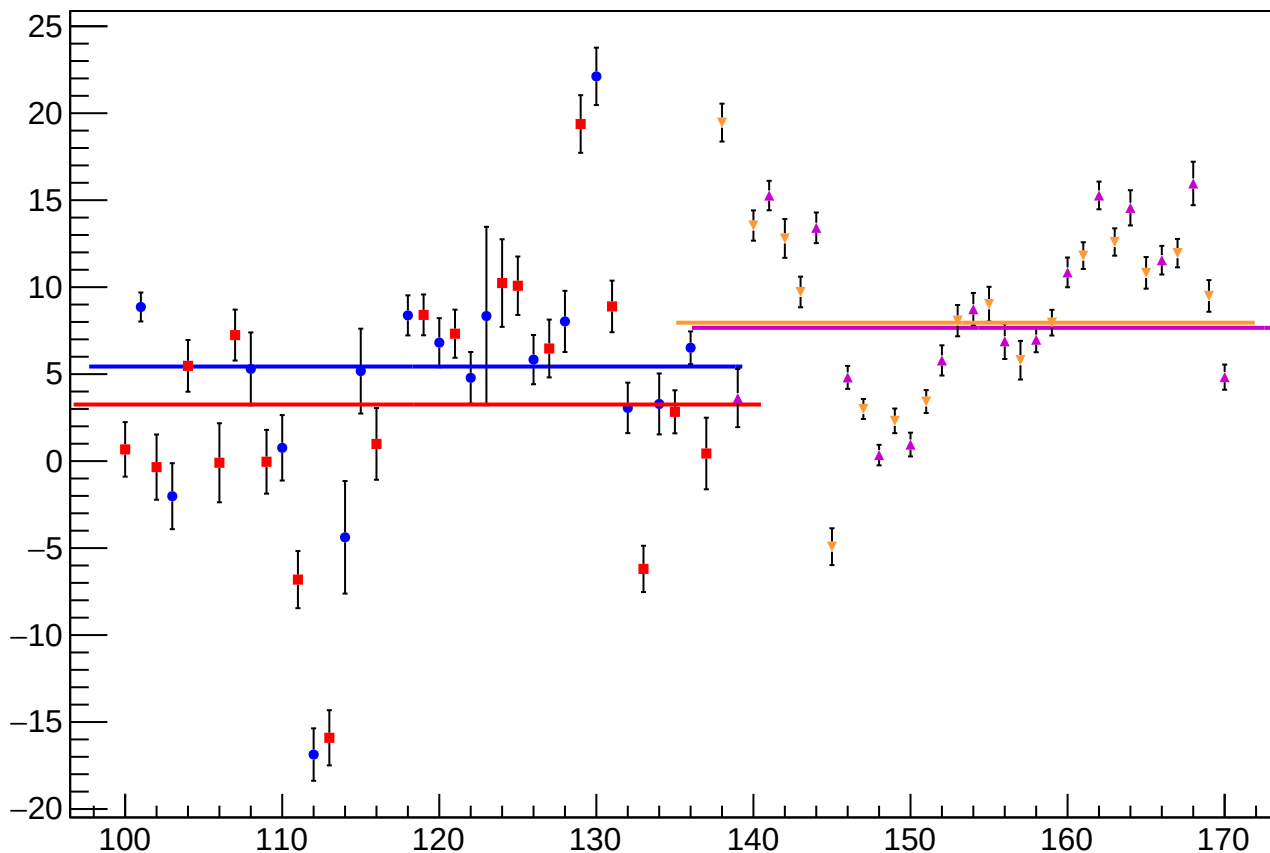
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.056 $\pm$ 0.224 χ^2 /NDF:3968.8/32

Out: 63.264 $\pm$ 0.223 χ^2 /NDF:5673.5/35

All: 63.659 $\pm$ 0.158 χ^2 /NDF: 9648.6/68

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: 7.959 ± 0.202 $\chi^2/\text{NDF}: 610.0/16$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.661 ± 0.206 $\chi^2/\text{NDF}: 639.2/15$

Left: 7.812 ± 0.144 $\chi^2/\text{NDF}: 1250.3/32$

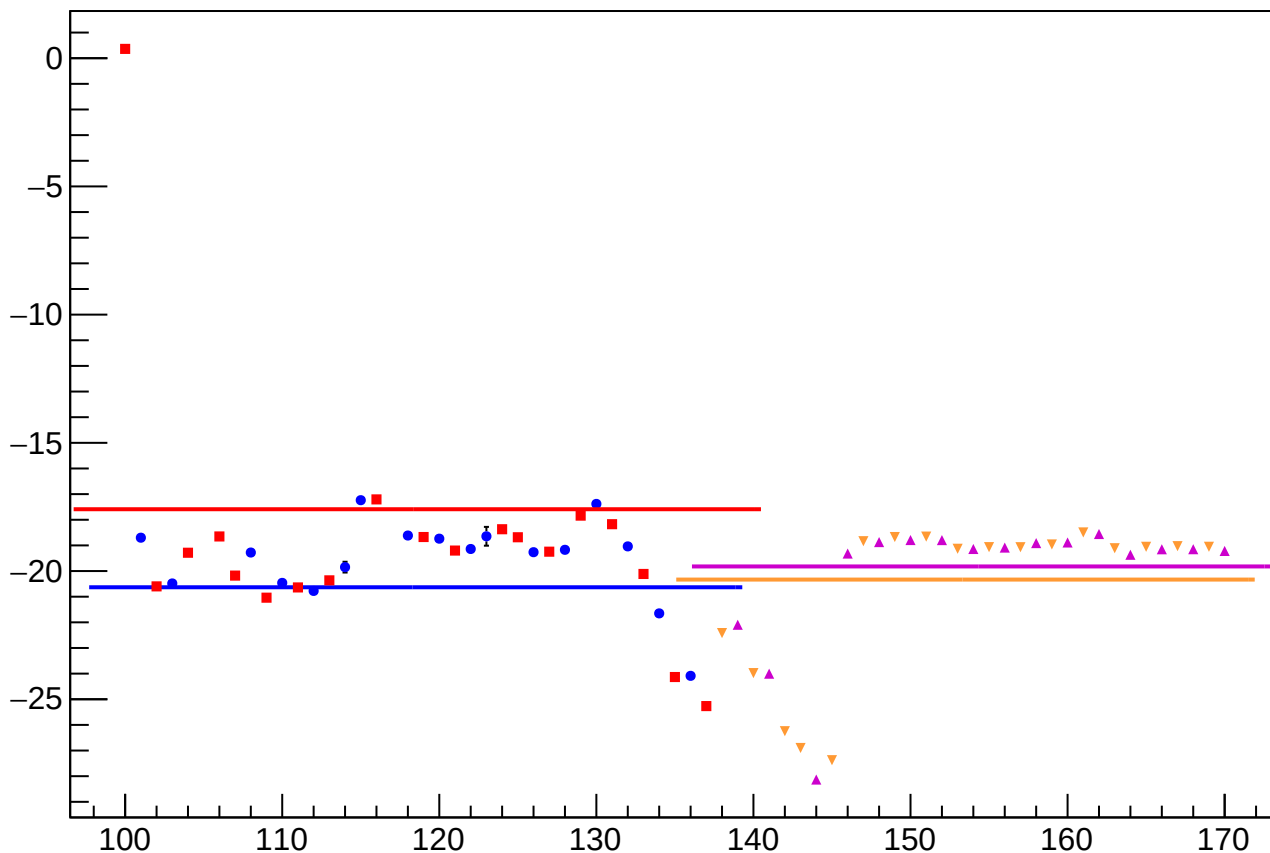
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.110 ± 0.178 $\chi^2/\text{NDF}: 1052.7/32$

Out: 6.858 ± 0.177 $\chi^2/\text{NDF}: 1160.9/35$

All: 6.982 ± 0.125 $\chi^2/\text{NDF}: 2214.7/68$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF : 12543.2/16

Left Out: -20.333+/-0.010 χ^2/NDF : 81323.7/16

Right Out: -17.589+/-0.018 χ^2/NDF : 178672.3/18

Left In: -19.820+/-0.010 χ^2/NDF : 49193.3/15

Left: -20.074+/-0.007 χ^2/NDF : 131922.0/32

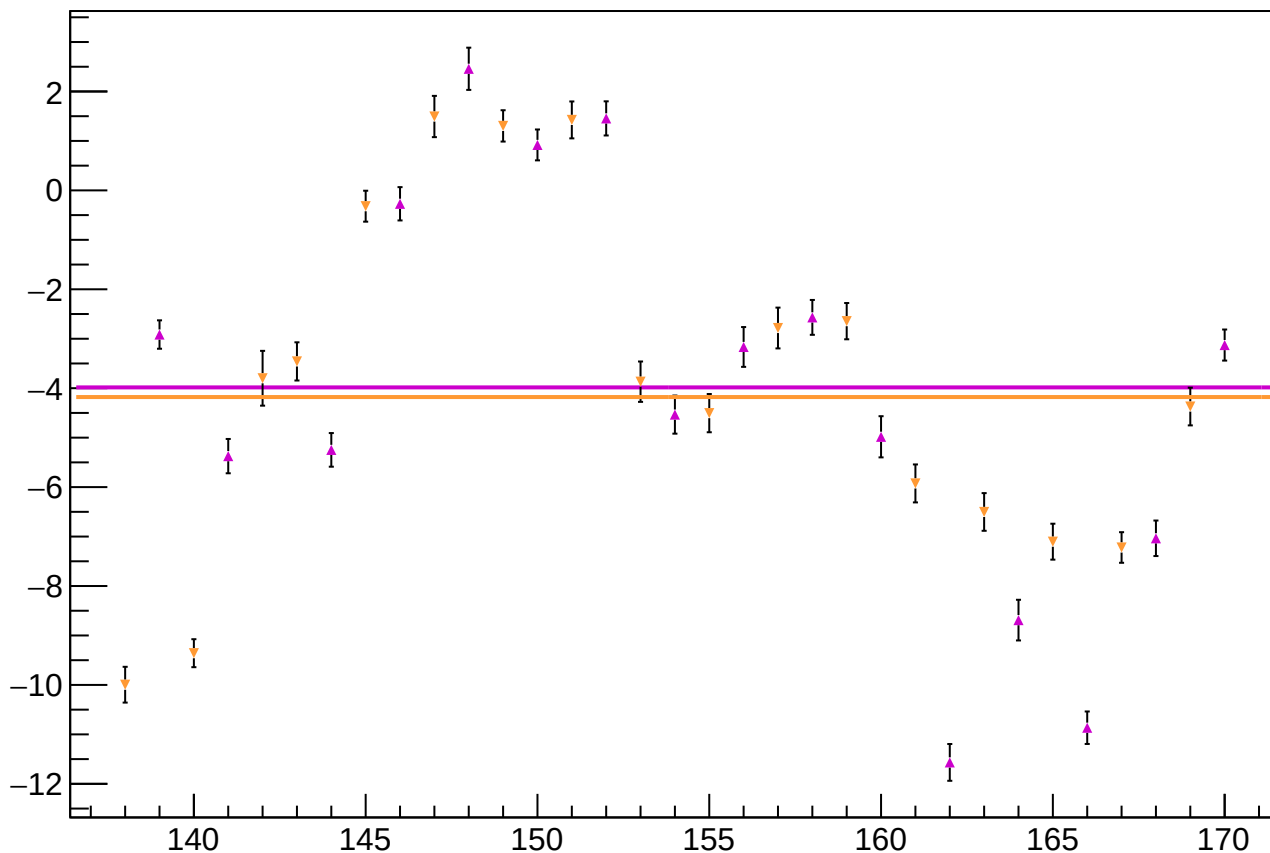
Right: -19.006+/-0.013 χ^2/NDF : 204500.0/35

In: -19.982+/-0.009 χ^2/NDF : 63153.7/32

Out: -19.715+/-0.009 χ^2/NDF : 277972.3/35

All: -19.848+/-0.006 χ^2/NDF : 341609.2/68

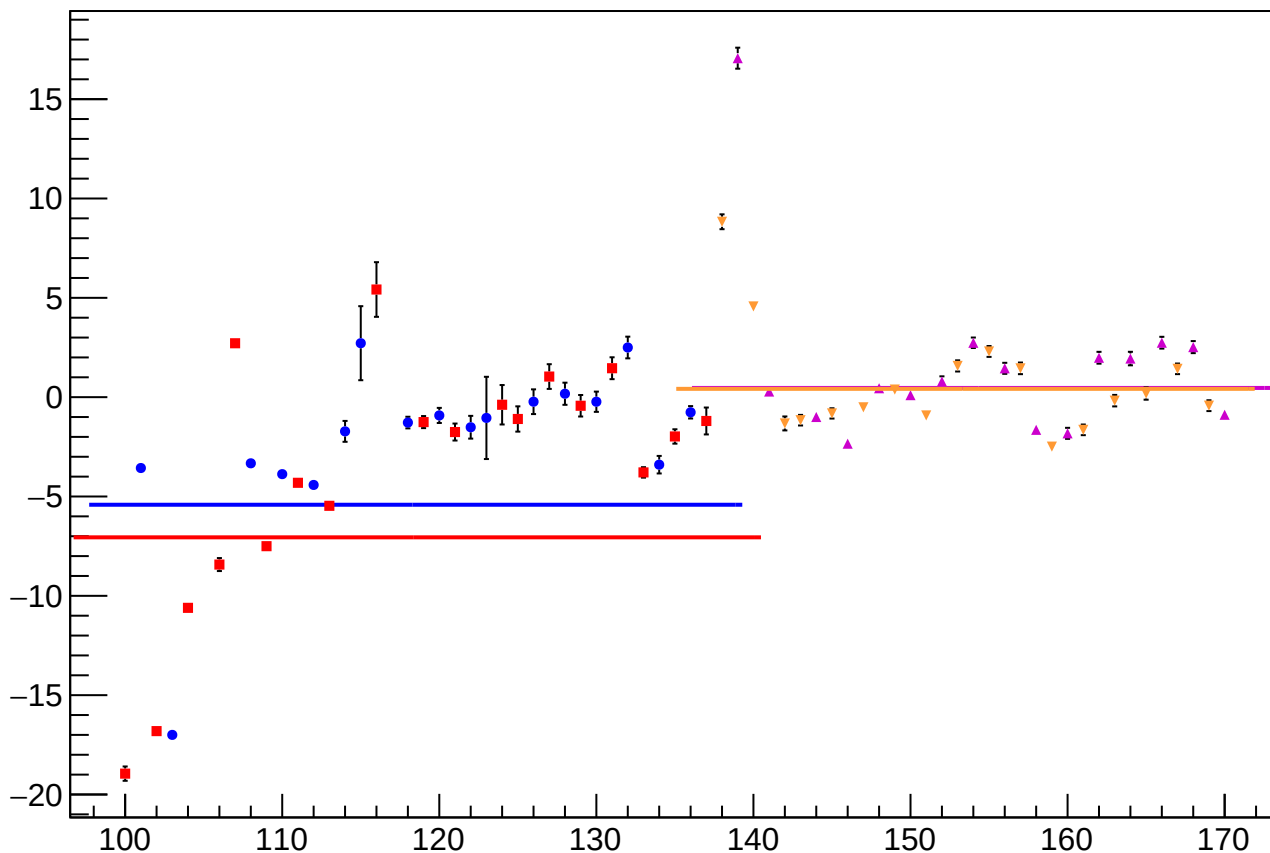
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -4.179 $\pm$ 0.088 χ^2/NDF :1709.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -3.984 $\pm$ 0.088 χ^2/NDF :1980.9/15

Left: -4.081 $\pm$ 0.062 χ^2/NDF : 3692.8/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -3.984 $\pm$ 0.088 χ^2/NDF :1980.9/15
 Out: -4.179 $\pm$ 0.088 χ^2/NDF :1709.4/16
 All: -4.081 $\pm$ 0.062 χ^2/NDF : 3692.8/32

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: 0.419+/-0.063 χ^2/NDF :1253.2/16

Right Out: -7.056+/-0.059 χ^2/NDF : 12334.0/18

Left In: 0.464+/-0.065 χ^2/NDF :1611.2/15

Left: 0.441+/-0.045 χ^2/NDF : 2864.7/32

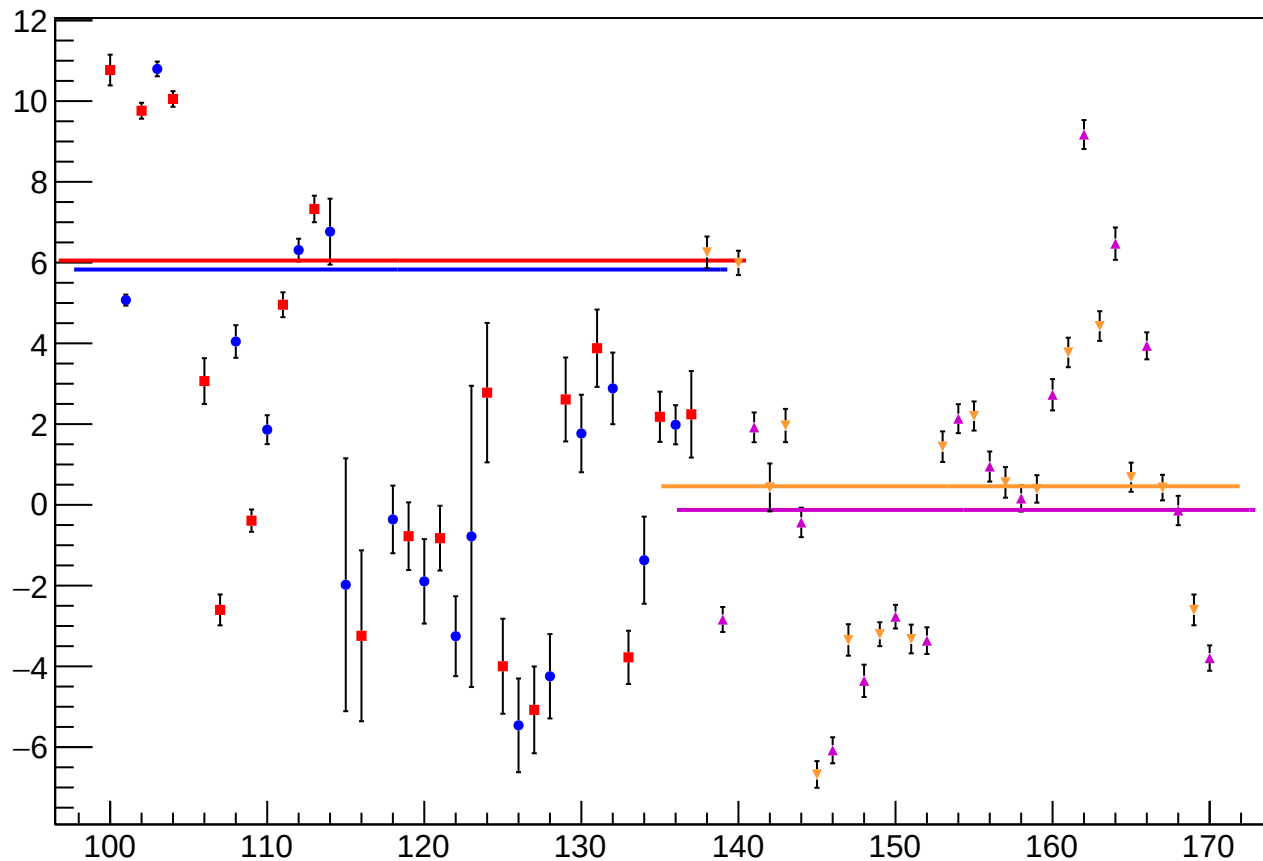
Right: -6.174+/-0.040 χ^2/NDF : 22004.4/35

In: -2.981+/-0.042 χ^2/NDF :15638.4/32

Out: -3.591+/-0.043 χ^2/NDF :21023.1/35

All: -3.277+/-0.030 χ^2/NDF : 36764.1/68

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: 0.461 $\pm$ 0.087 χ^2/NDF :1689.4/16

Right Out: 6.051 $\pm$ 0.093 χ^2/NDF : 2674.1/18

Left In: -0.126 $\pm$ 0.086 χ^2/NDF :2069.4/15

Left: 0.165 $\pm$ 0.061 χ^2/NDF : 3781.5/32

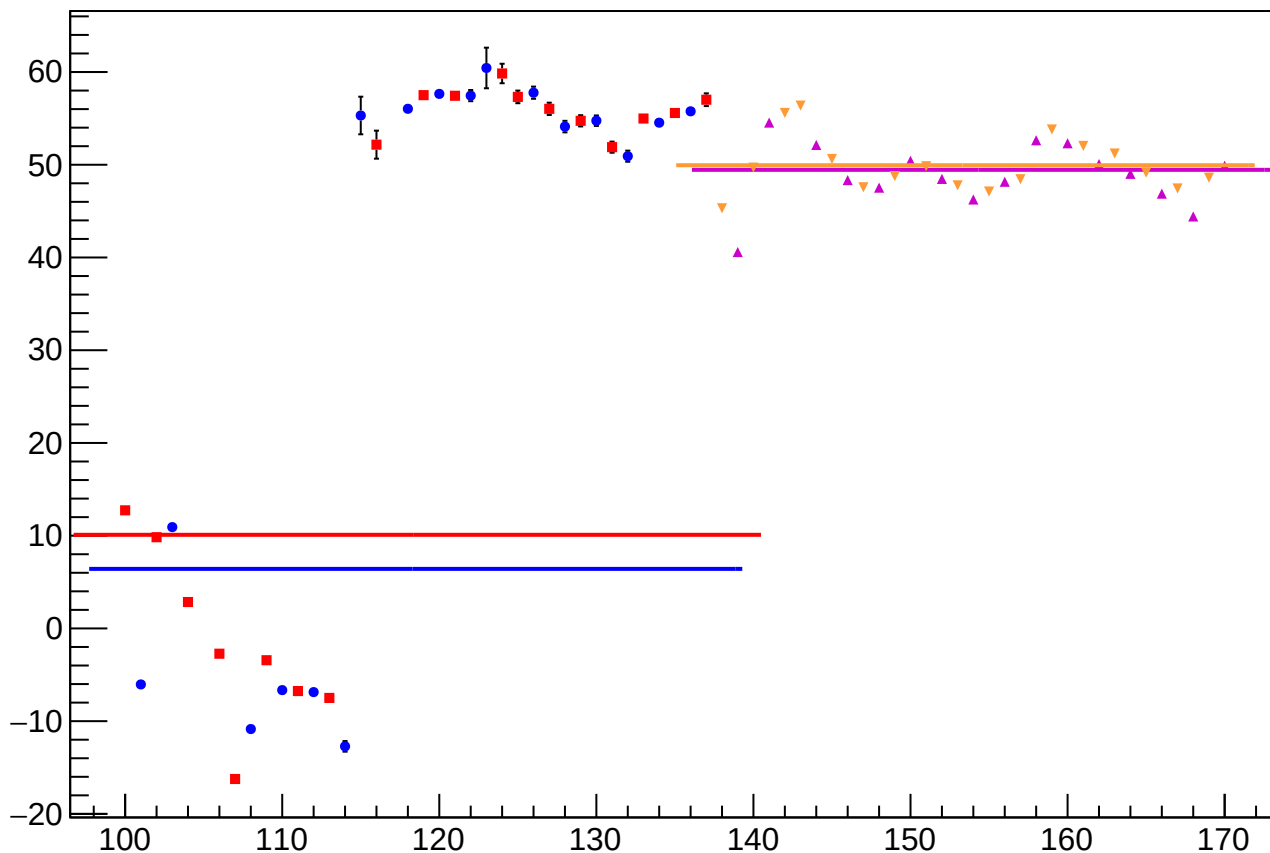
Right: 5.936 $\pm$ 0.065 χ^2/NDF : 4125.3/35

In: 2.745 $\pm$ 0.062 χ^2/NDF :5803.7/32

Out: 3.074 $\pm$ 0.064 χ^2/NDF :6275.6/35

All: 2.906 $\pm$ 0.045 χ^2/NDF : 12092.8/68

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.949 ± 0.074 χ^2/NDF : 1332.2/16

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.452 ± 0.075 χ^2/NDF : 1416.2/15

Left: 49.705 ± 0.052 χ^2/NDF : 2770.8/32

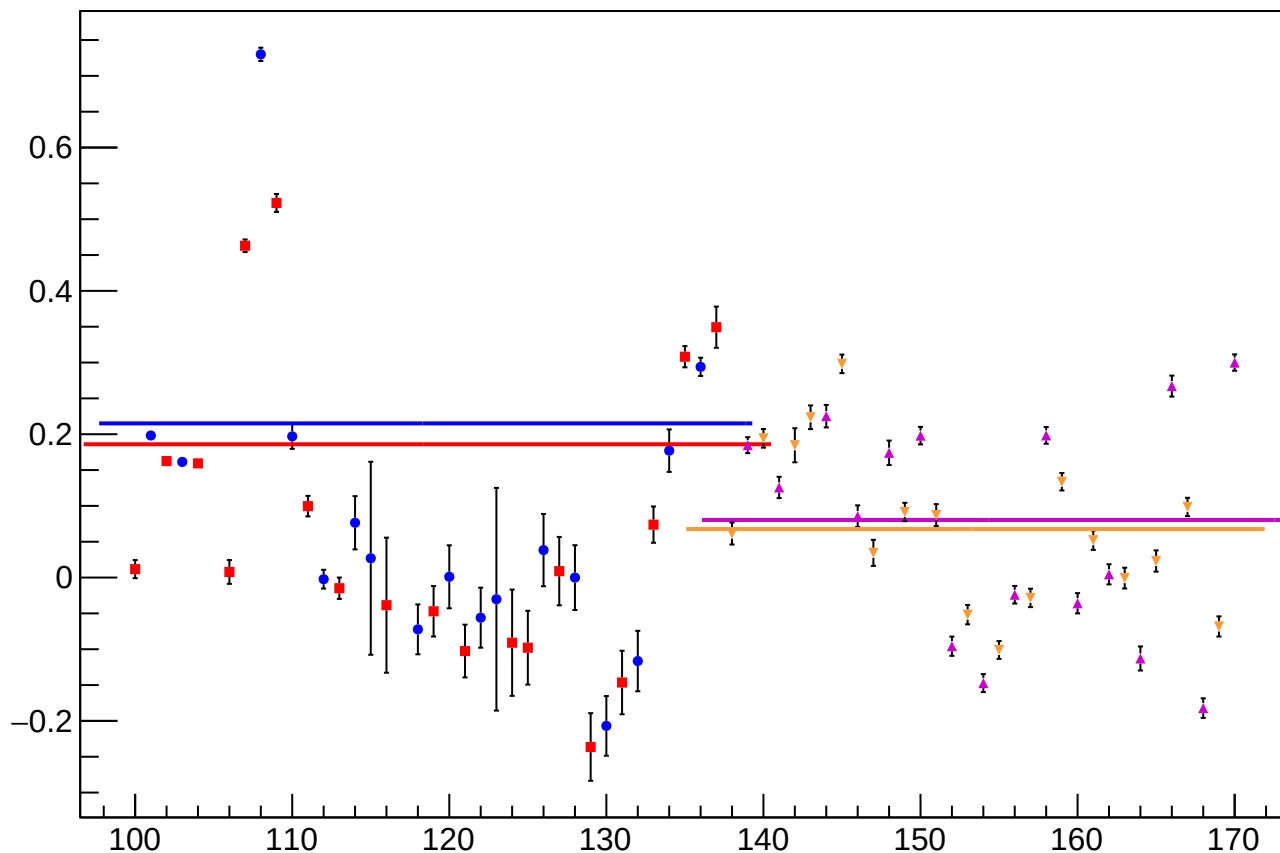
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 24.852 ± 0.049 χ^2/NDF : 313805.1/32

Out: 28.941 ± 0.051 χ^2/NDF : 278002.2/35

All: 26.828 ± 0.035 χ^2/NDF : 595180.3/68

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.068 $\pm$ 0.003 χ^2 /NDF:1011.6/16

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.080 $\pm$ 0.003 χ^2 /NDF:2112.1/15

Left: 0.074 $\pm$ 0.002 χ^2 /NDF: 3130.6/32

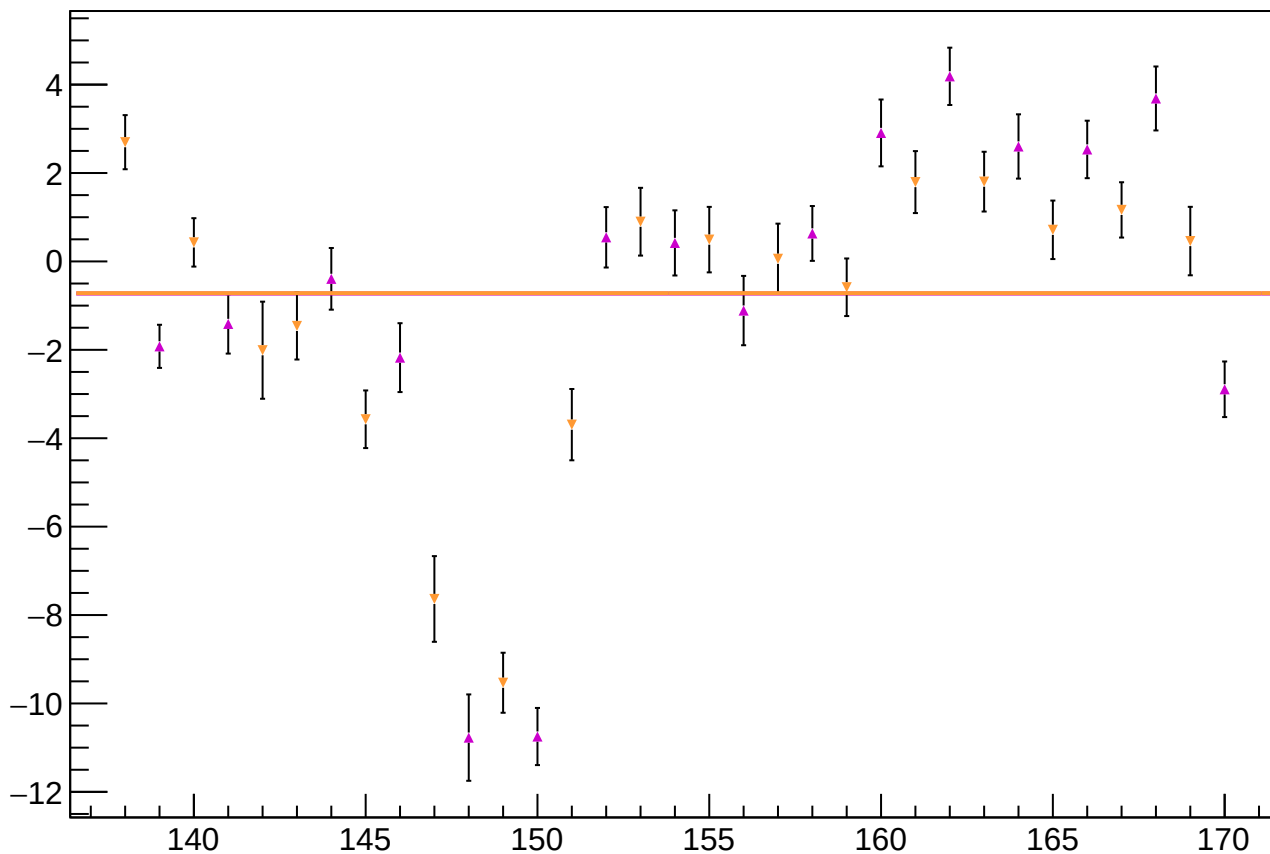
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.161 $\pm$ 0.002 χ^2 /NDF:6995.7/32

Out: 0.141 $\pm$ 0.002 χ^2 /NDF:4470.5/35

All: 0.151 $\pm$ 0.002 χ^2 /NDF: 11509.8/68

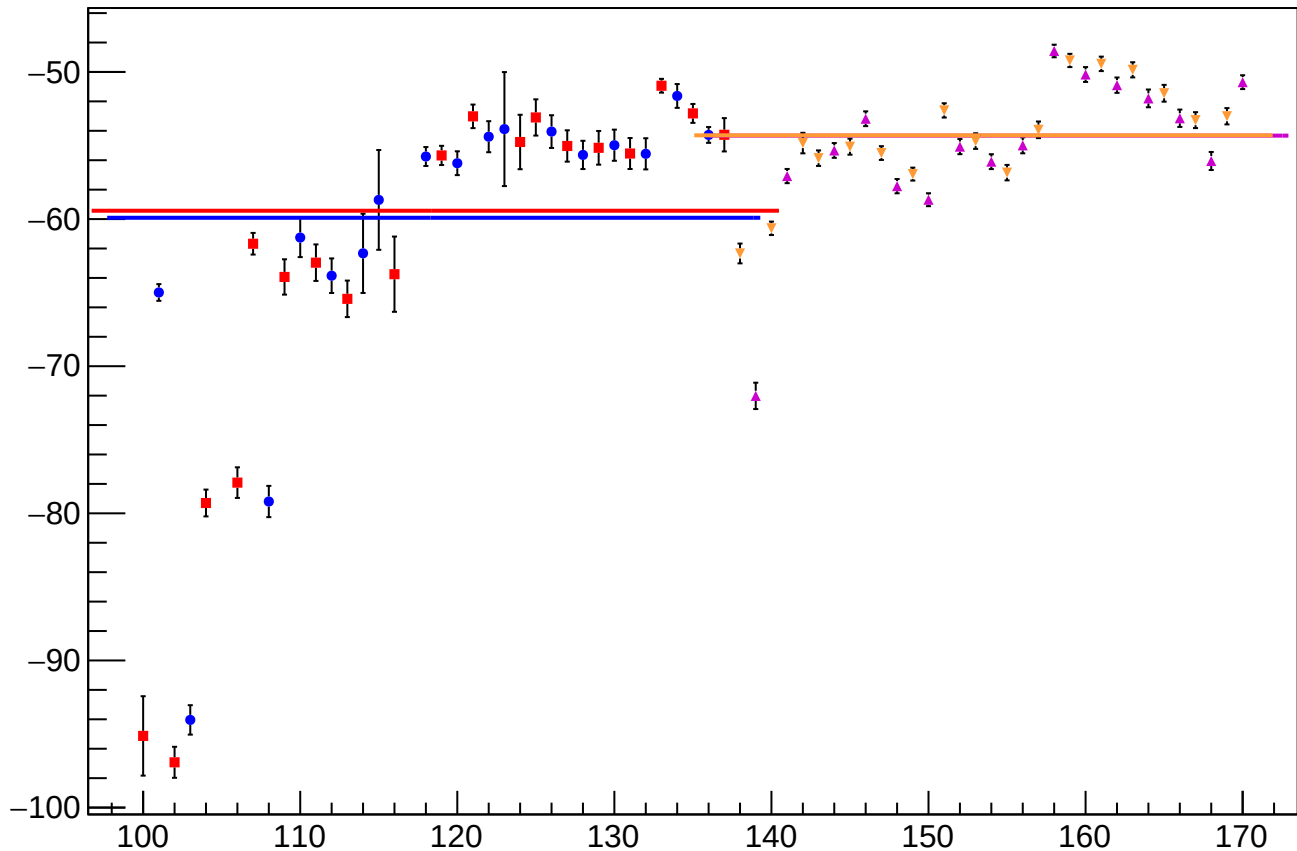
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.718 $\pm$ 0.172 χ^2 /NDF:341.0/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.727 $\pm$ 0.170 χ^2 /NDF:543.3/15

Left: -0.722 $\pm$ 0.121 χ^2 /NDF: 884.3/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.727 $\pm$ 0.170 χ^2 /NDF:543.3/15
 Out: -0.718 $\pm$ 0.172 χ^2 /NDF:341.0/16
 All: -0.722 $\pm$ 0.121 χ^2 /NDF: 884.3/32

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: -54.308 ± 0.126 χ^2/NDF : 757.7/16

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.328 ± 0.129 χ^2/NDF : 975.9/15

Left: -54.318 ± 0.090 χ^2/NDF : 1733.7/32

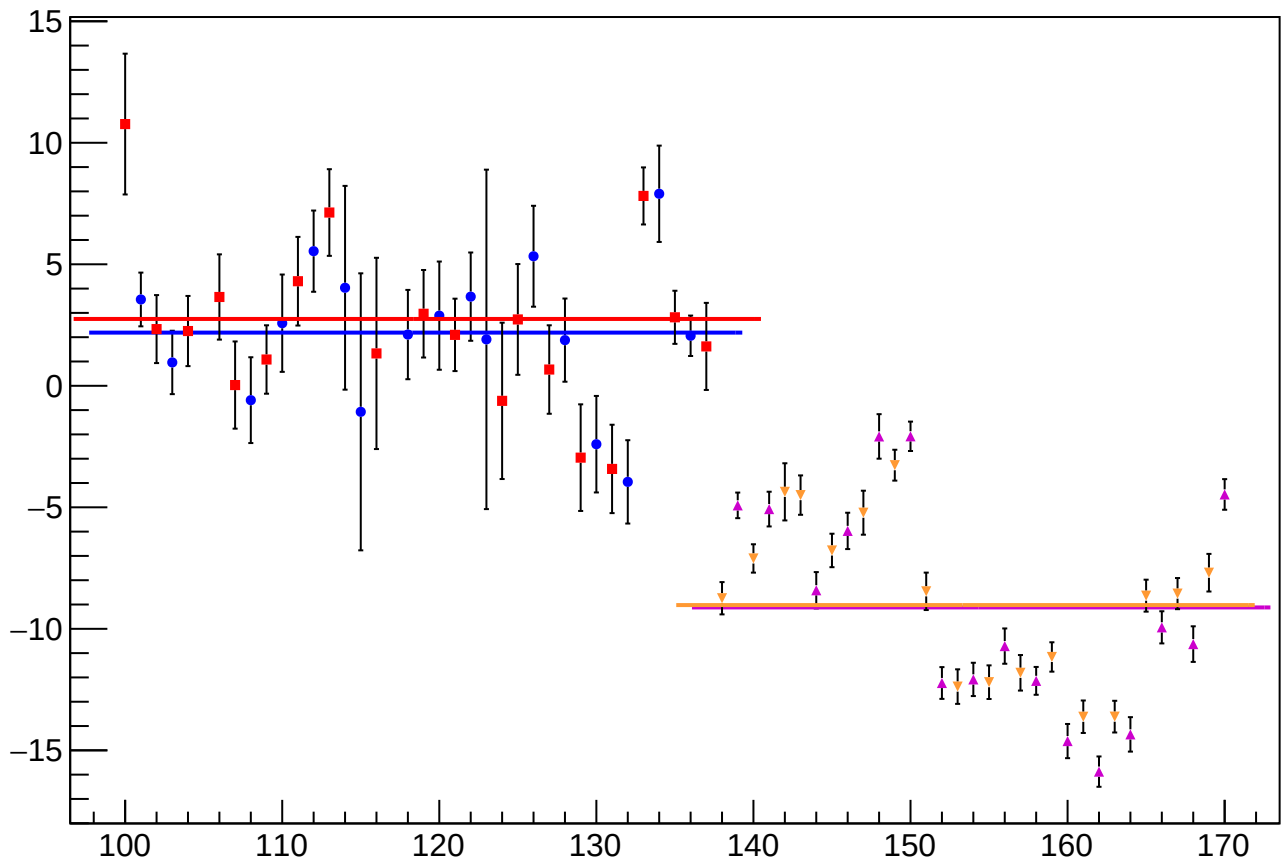
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.732 ± 0.112 χ^2/NDF : 3425.0/32

Out: -55.650 ± 0.108 χ^2/NDF : 4109.3/35

All: -55.690 ± 0.078 χ^2/NDF : 7534.5/68

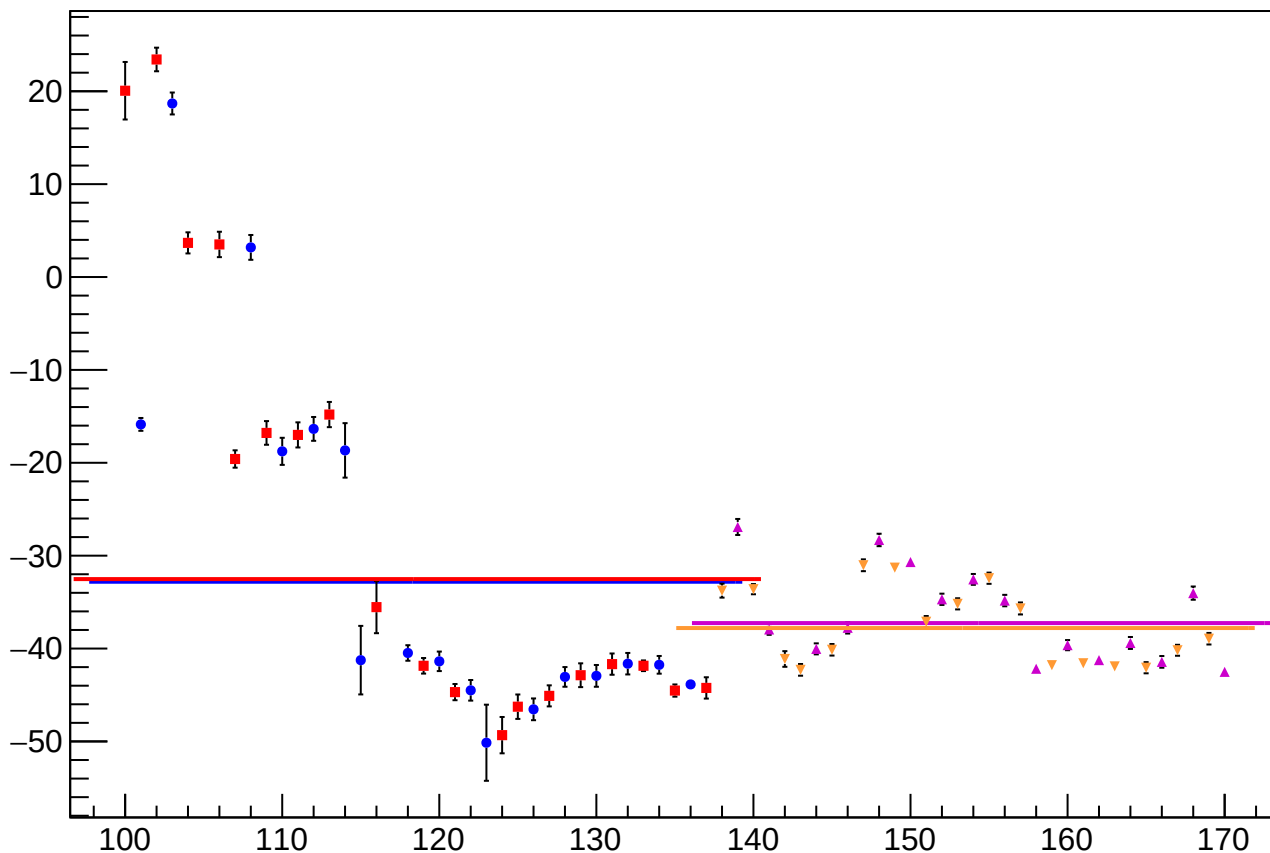
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 $\pm$ 0.405 χ^2 /NDF: 39.1/16
 Left Out: -9.023 $\pm$ 0.170 χ^2 /NDF:339.8/16
 Right Out: 2.751 $\pm$ 0.387 χ^2 /NDF: 58.6/18
 Left In: -9.120 $\pm$ 0.167 χ^2 /NDF:675.6/15

Left: -9.072 $\pm$ 0.119 χ^2 /NDF: 1015.6/32
 Right: 2.482 $\pm$ 0.280 χ^2 /NDF: 98.7/35
 In: -7.469 $\pm$ 0.155 χ^2 /NDF:1382.1/32
 Out: -7.123 $\pm$ 0.156 χ^2 /NDF:1173.2/35
 All: -7.297 $\pm$ 0.110 χ^2 /NDF: 2557.7/68

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: -37.792 ± 0.144 $\chi^2/\text{NDF}: 792.8/16$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.258 ± 0.147 $\chi^2/\text{NDF}: 983.9/15$

Left: -37.529 ± 0.103 $\chi^2/\text{NDF}: 1783.4/32$

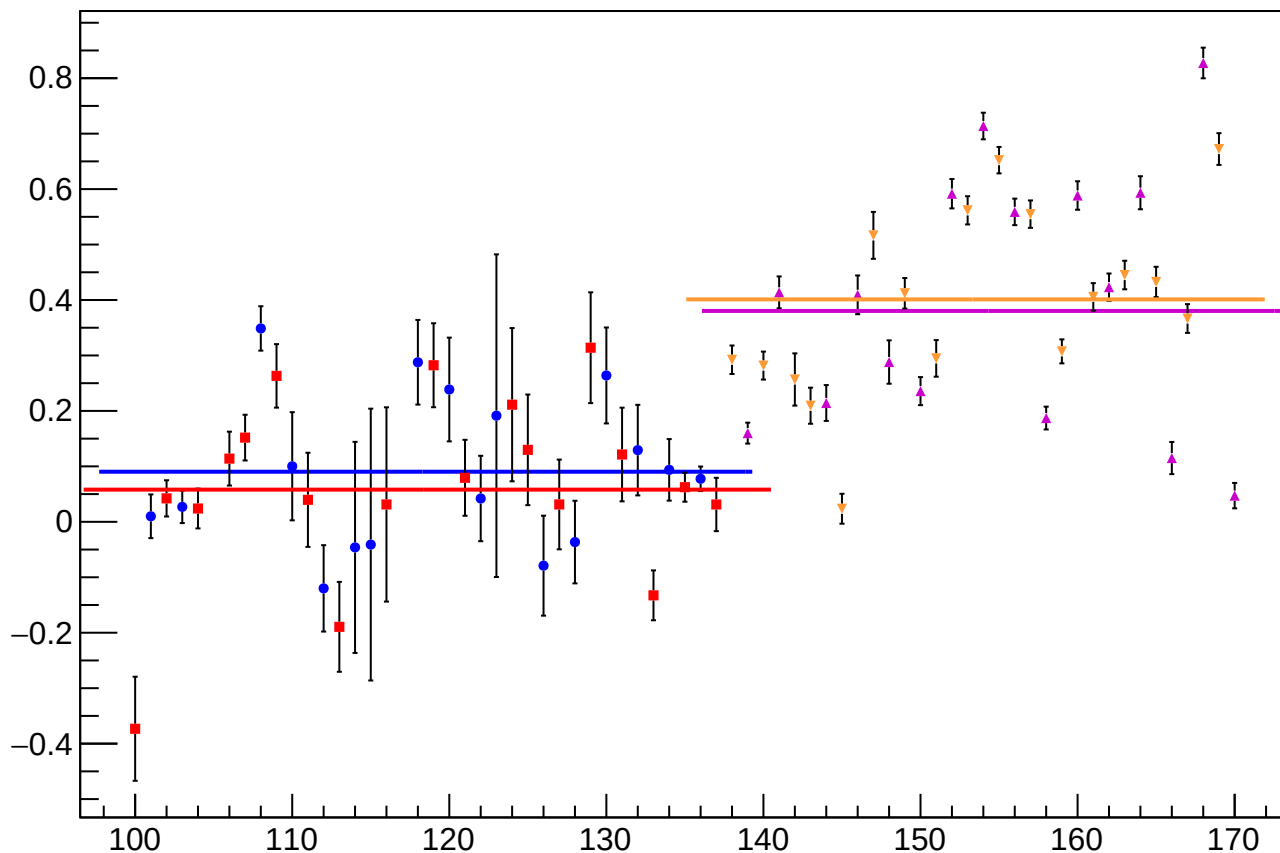
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.148 ± 0.127 $\chi^2/\text{NDF}: 5876.7/32$

Out: -36.421 ± 0.124 $\chi^2/\text{NDF}: 7179.2/35$

All: -36.287 ± 0.089 $\chi^2/\text{NDF}: 13058.3/68$

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: 0.401 ± 0.007 $\chi^2/\text{NDF}: 602.4/16$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.380 ± 0.006 $\chi^2/\text{NDF}: 1281.4/15$

Left: 0.390 ± 0.005 $\chi^2/\text{NDF}: 1888.9/32$

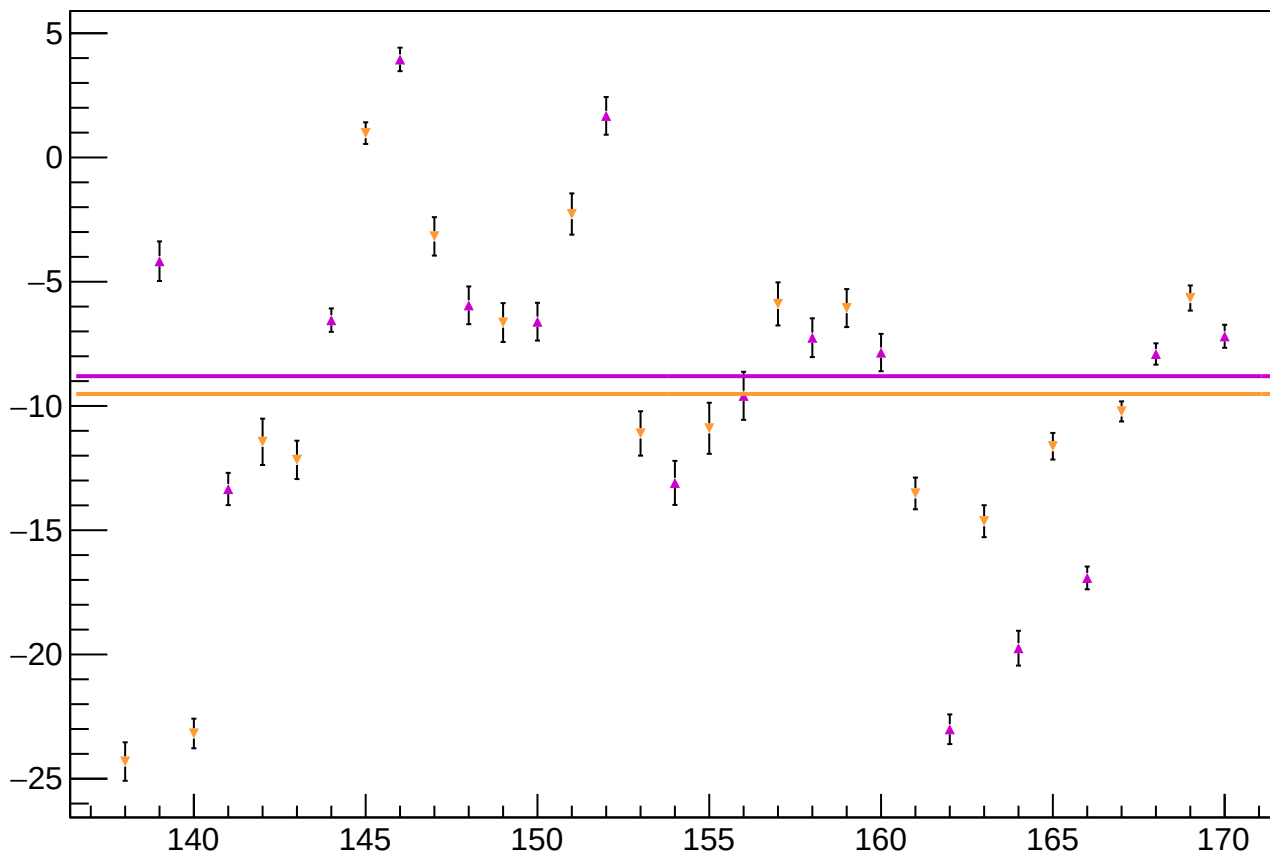
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.321 ± 0.006 $\chi^2/\text{NDF}: 1773.6/32$

Out: 0.323 ± 0.006 $\chi^2/\text{NDF}: 1305.7/35$

All: 0.322 ± 0.004 $\chi^2/\text{NDF}: 3079.4/68$

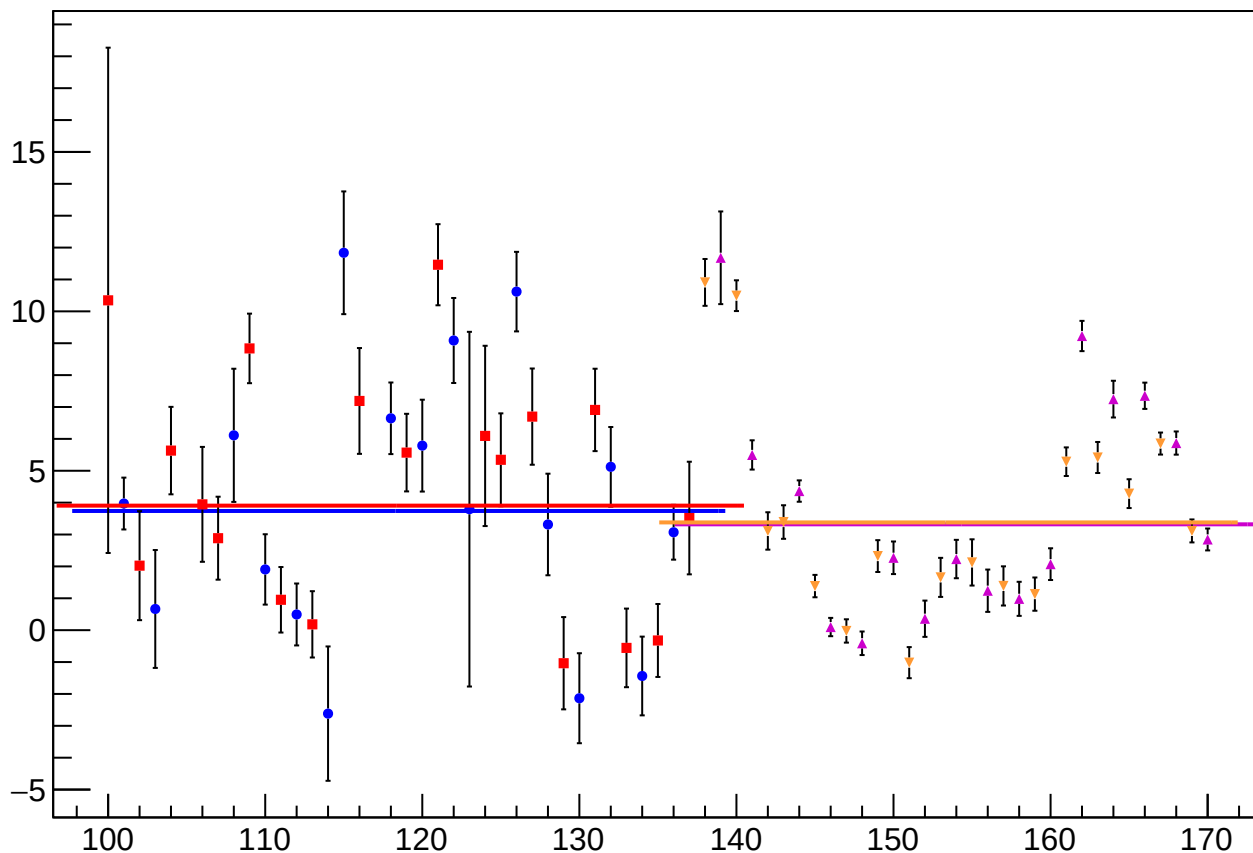
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.516 $\pm$ 0.156 χ^2/NDF :1863.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.801 $\pm$ 0.151 χ^2/NDF :2217.2/15

Left: -9.147 $\pm$ 0.109 χ^2/NDF : 4091.7/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.801 $\pm$ 0.151 χ^2/NDF :2217.2/15
 Out: -9.516 $\pm$ 0.156 χ^2/NDF :1863.7/16
 All: -9.147 $\pm$ 0.109 χ^2/NDF : 4091.7/32

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: 3.380 $\pm$ 0.114 χ^2 /NDF:658.6/16

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 3.320 $\pm$ 0.110 χ^2 /NDF:711.4/15

Left: 3.349 $\pm$ 0.079 χ^2 /NDF: 1370.2/32

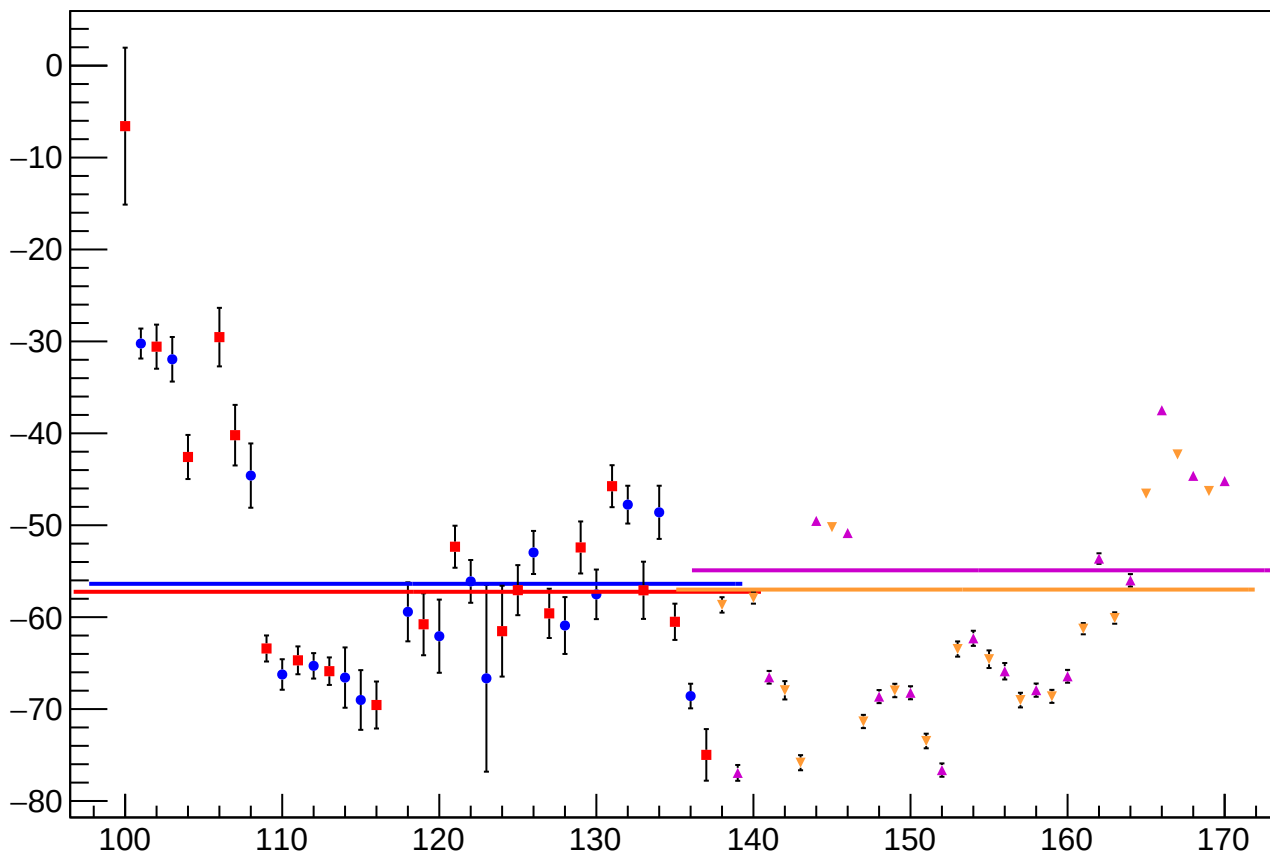
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 3.367 $\pm$ 0.104 χ^2 /NDF:849.9/32

Out: 3.440 $\pm$ 0.107 χ^2 /NDF:796.6/35

All: 3.402 $\pm$ 0.074 χ^2 /NDF: 1646.7/68

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -56.999 ± 0.156 $\chi^2/\text{NDF}: 4708.2/16$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -54.904 ± 0.150 $\chi^2/\text{NDF}: 5982.4/15$

Left: -55.910 ± 0.108 $\chi^2/\text{NDF}: 10784.4/32$

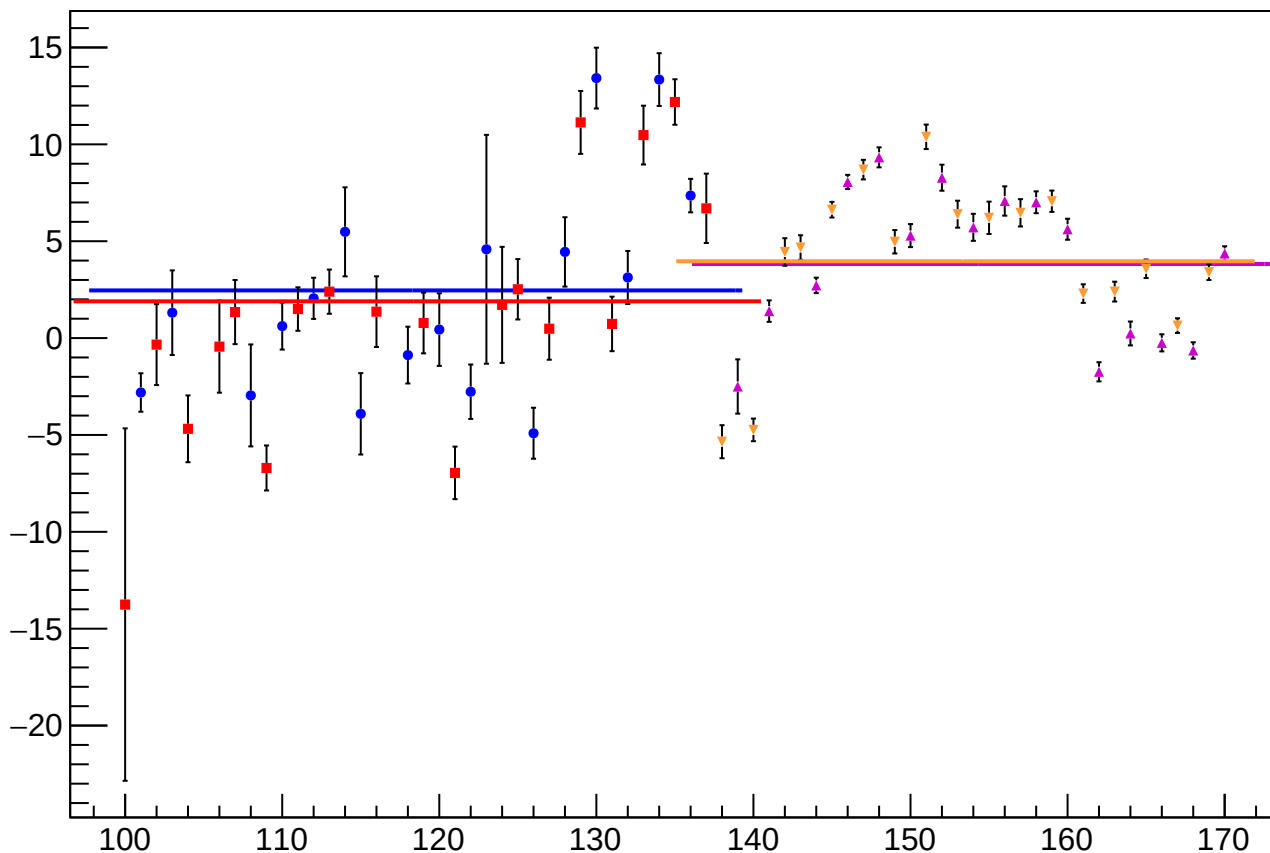
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -55.008 ± 0.145 $\chi^2/\text{NDF}: 6576.8/32$

Out: -57.018 ± 0.150 $\chi^2/\text{NDF}: 5184.7/35$

All: -55.977 ± 0.104 $\chi^2/\text{NDF}: 11854.7/68$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 3.965 $\pm$ 0.131 χ^2 /NDF: 744.9/16

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 3.824 $\pm$ 0.128 χ^2 /NDF: 773.5/15

Left: 3.893 $\pm$ 0.091 χ^2 /NDF: 1519.0/32

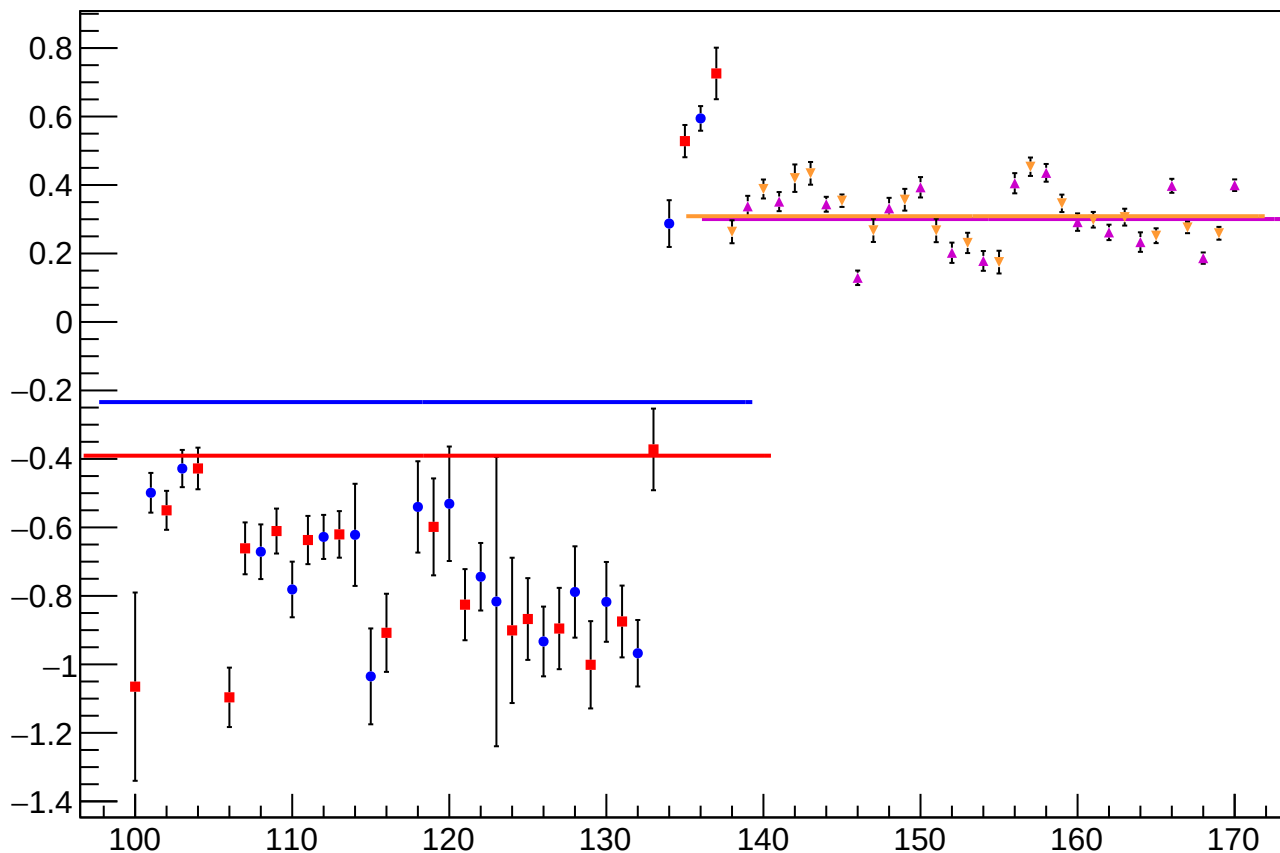
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 3.661 $\pm$ 0.120 χ^2 /NDF: 1031.1/32

Out: 3.717 $\pm$ 0.123 χ^2 /NDF: 1042.9/35

All: 3.688 $\pm$ 0.086 χ^2 /NDF: 2074.1/68

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: 0.309 ± 0.006 χ^2/NDF : 115.8/16

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.301 ± 0.006 χ^2/NDF : 266.9/15

Left: 0.305 ± 0.004 χ^2/NDF : 383.7/32

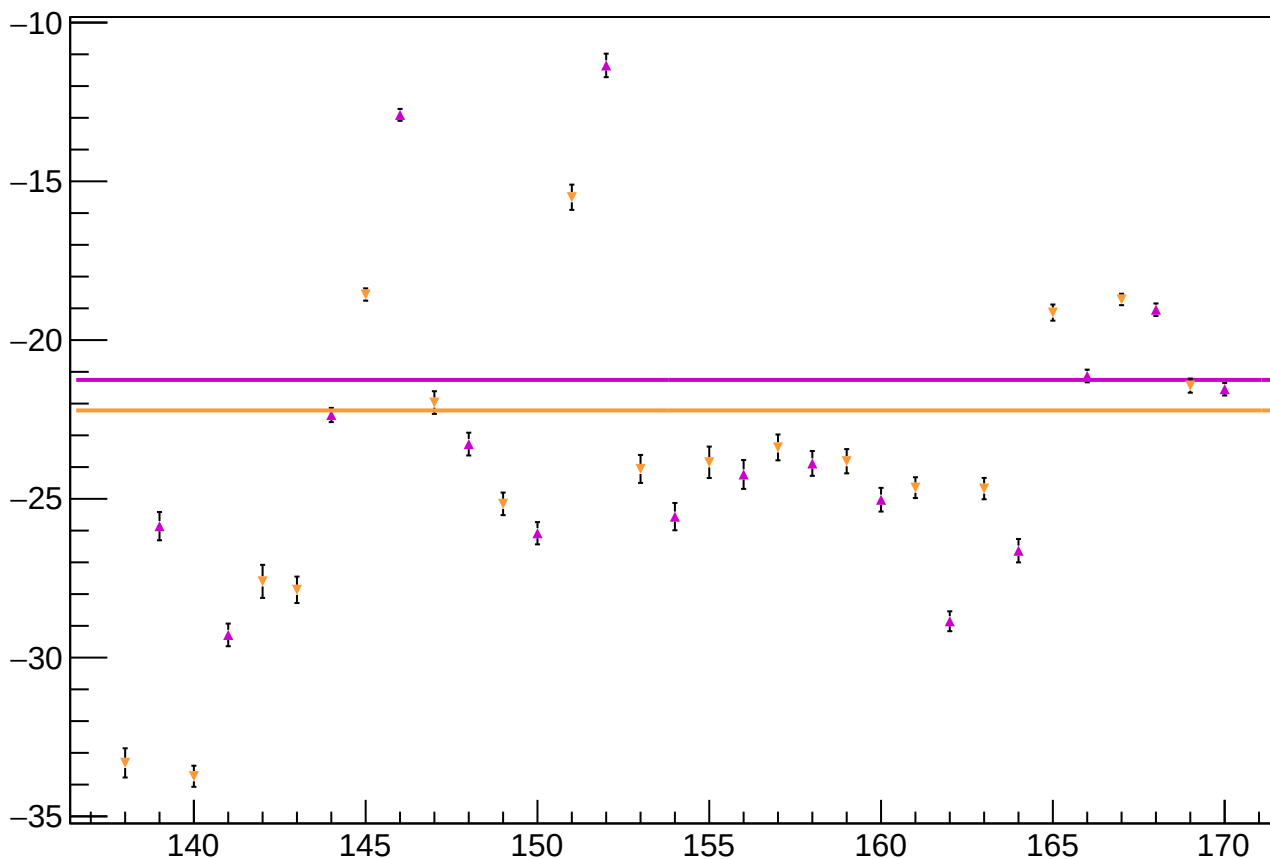
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.252 ± 0.006 χ^2/NDF : 1953.2/32

Out: 0.243 ± 0.006 χ^2/NDF : 2200.4/35

All: 0.248 ± 0.004 χ^2/NDF : 4155.0/68

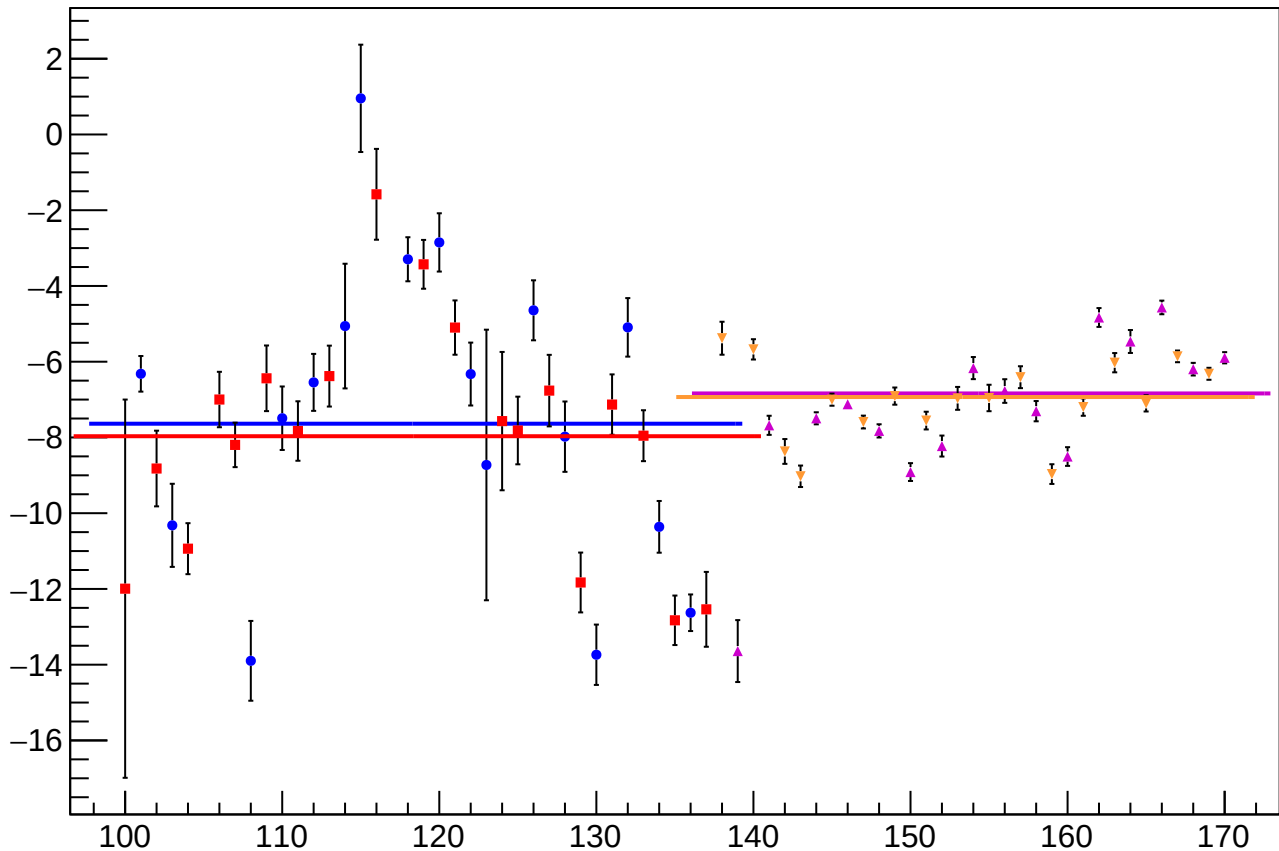
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -22.215 ± 0.075 $\chi^2/\text{NDF}: 3480.1/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.254 ± 0.070 $\chi^2/\text{NDF}: 4781.1/15$

Left: -21.705 ± 0.051 $\chi^2/\text{NDF}: 8348.8/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -21.254 ± 0.070 $\chi^2/\text{NDF}: 4781.1/15$
 Out: -22.215 ± 0.075 $\chi^2/\text{NDF}: 3480.1/16$
 All: -21.705 ± 0.051 $\chi^2/\text{NDF}: 8348.8/32$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.933 ± 0.054 χ^2/NDF : 273.3/16

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.838 ± 0.051 χ^2/NDF : 591.9/15

Left: -6.882 ± 0.037 χ^2/NDF : 866.9/32

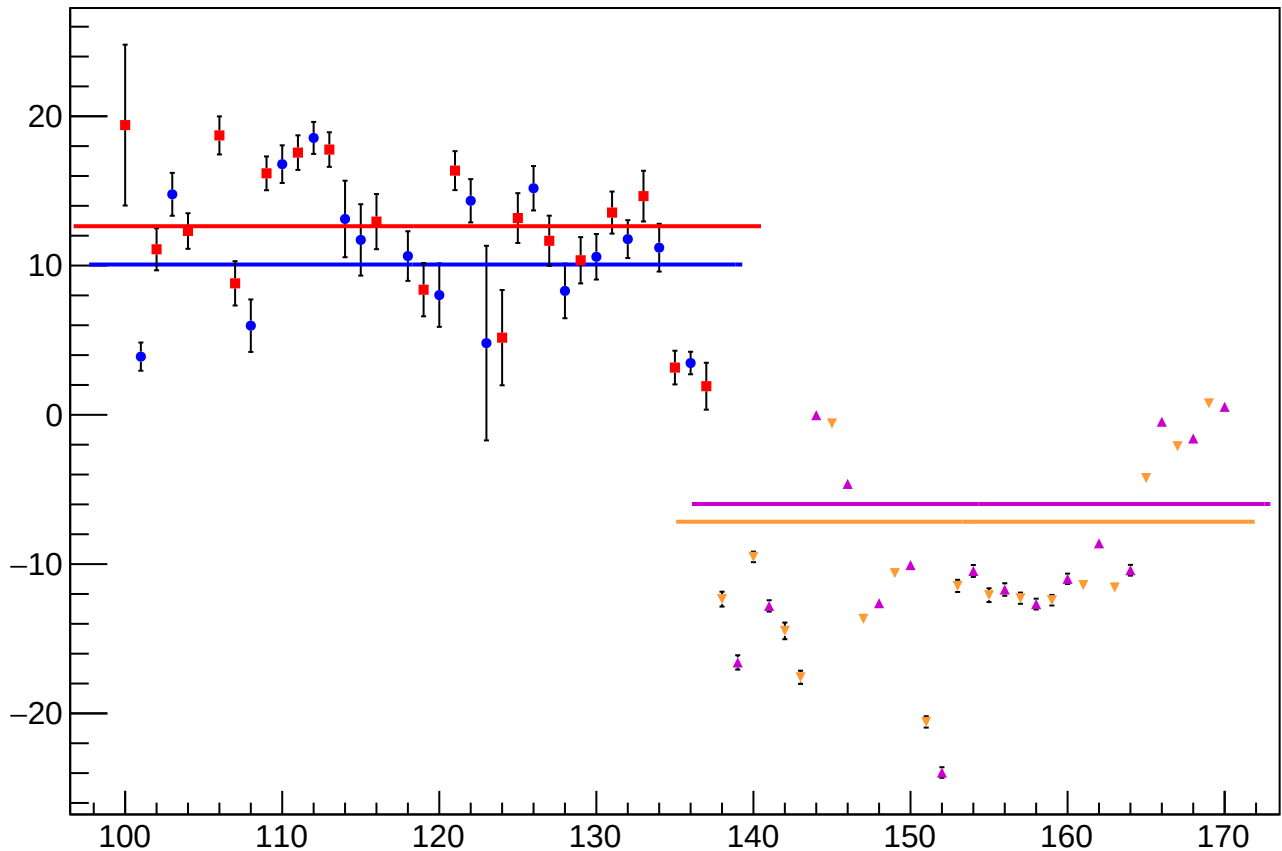
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.894 ± 0.049 χ^2/NDF : 1003.1/32

Out: -7.015 ± 0.052 χ^2/NDF : 529.1/35

All: -6.951 ± 0.036 χ^2/NDF : 1535.1/68

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: -7.161 ± 0.075 $\chi^2/\text{NDF}: 6788.2/16$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -5.974 ± 0.070 $\chi^2/\text{NDF}: 7979.0/15$

Left: -6.526 ± 0.051 $\chi^2/\text{NDF}: 14902.6/32$

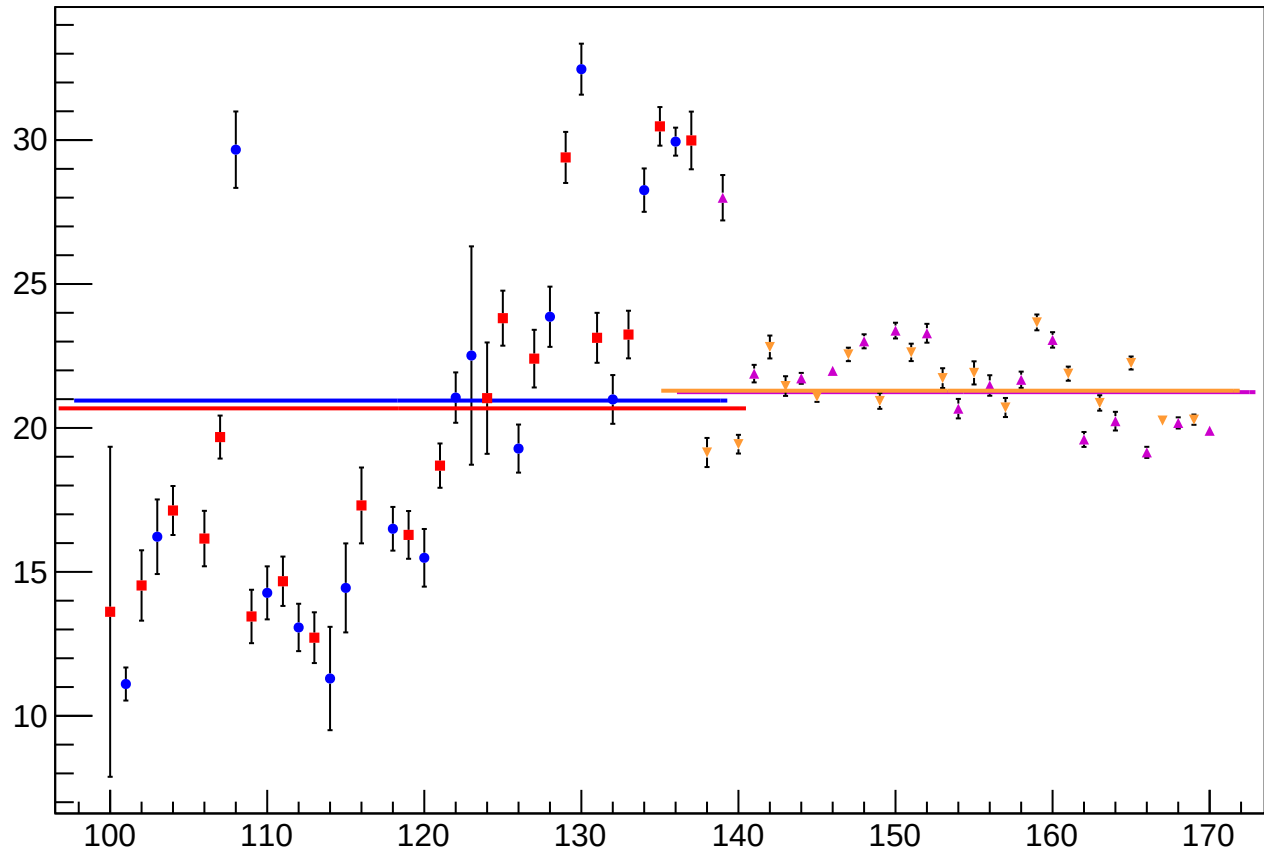
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -5.319 ± 0.068 $\chi^2/\text{NDF}: 10400.6/32$

Out: -6.212 ± 0.073 $\chi^2/\text{NDF}: 10384.0/35$

All: -5.736 ± 0.050 $\chi^2/\text{NDF}: 20864.7/68$

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: 21.294 $\pm$ 0.063 χ^2 /NDF: 294.7/16

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.243 $\pm$ 0.059 χ^2 /NDF: 580.2/15

Left: 21.267 $\pm$ 0.043 χ^2 /NDF: 875.3/32

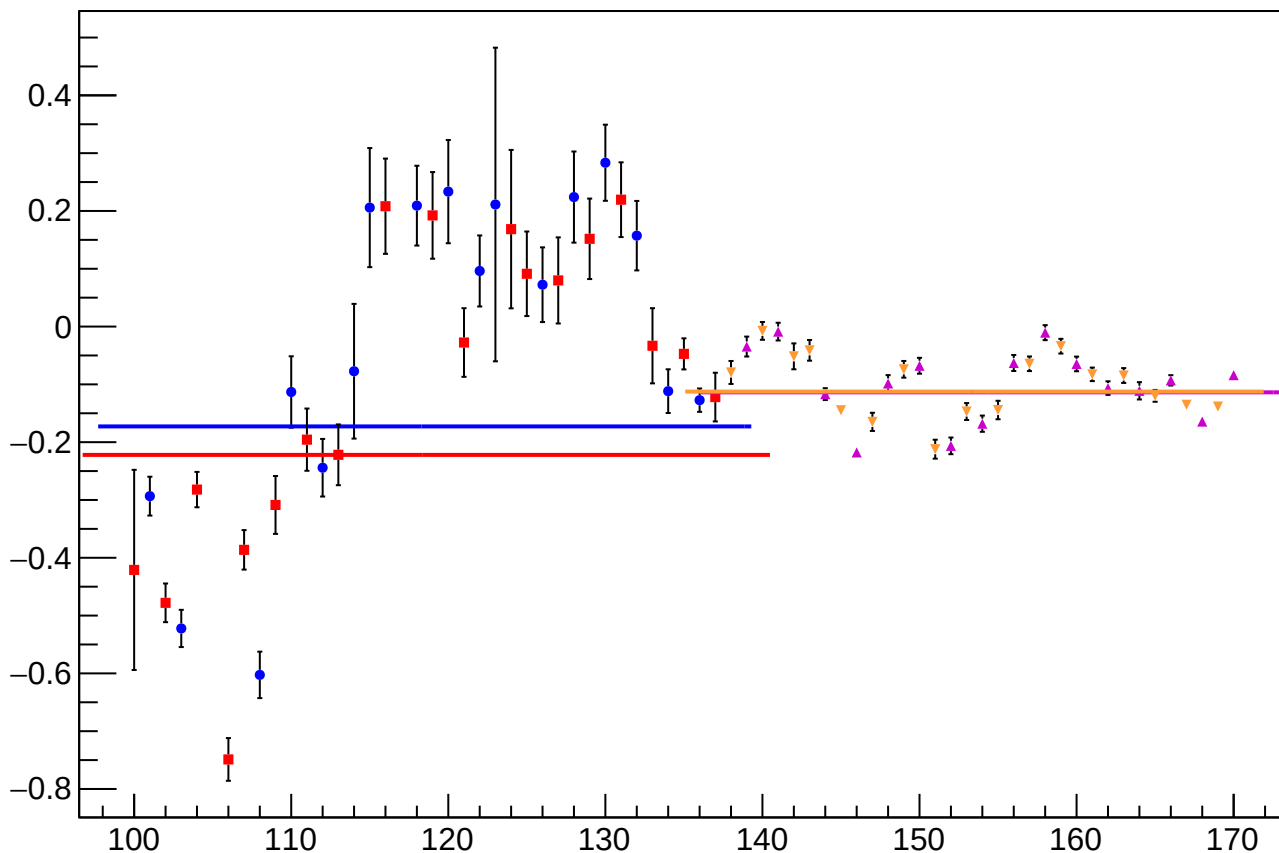
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.222 $\pm$ 0.057 χ^2 /NDF: 1804.8/32

Out: 21.245 $\pm$ 0.060 χ^2 /NDF: 1030.8/35

All: 21.233 $\pm$ 0.041 χ^2 /NDF: 2835.7/68

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: -0.112 ± 0.003 χ^2/NDF : 237.0/16

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.114 ± 0.003 χ^2/NDF : 447.2/15

Left: -0.113 ± 0.002 χ^2/NDF : 684.3/32

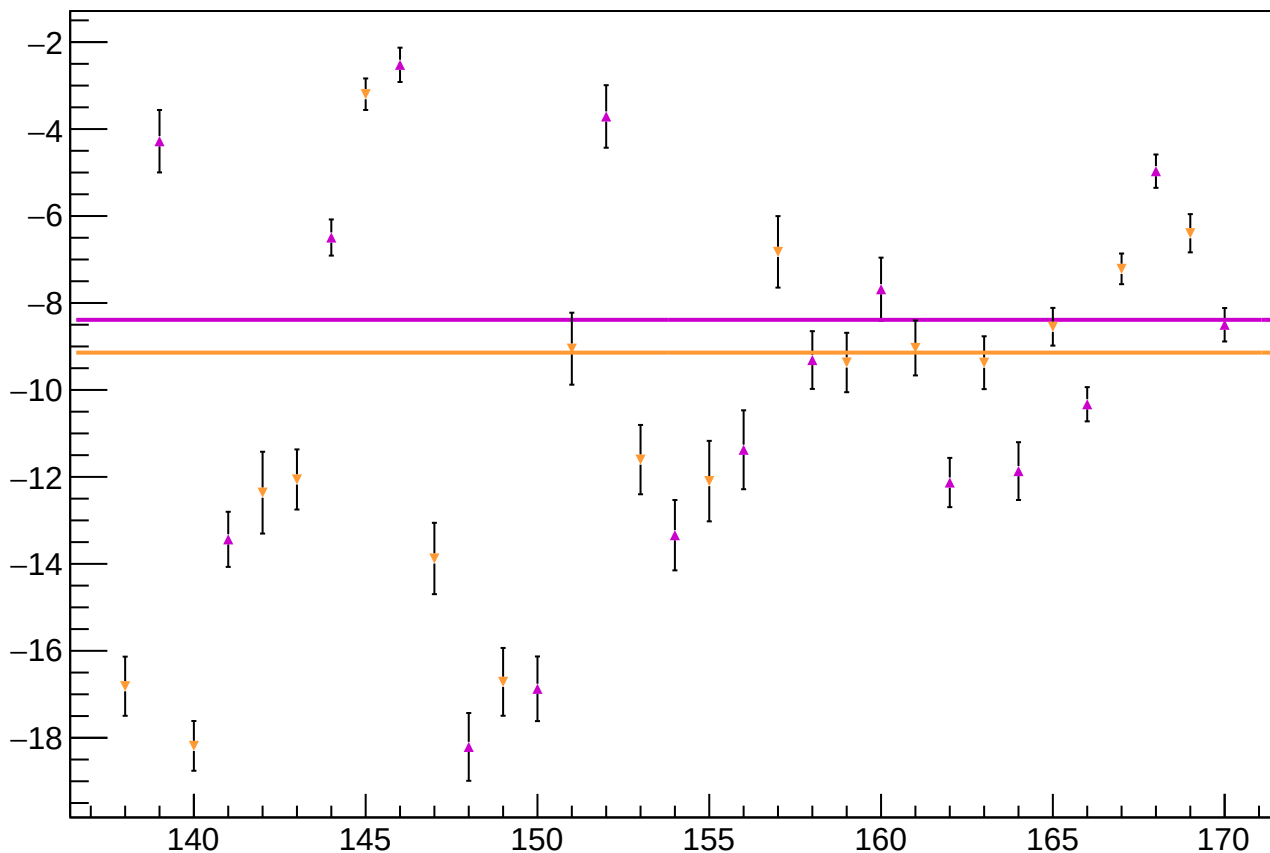
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.117 ± 0.003 χ^2/NDF : 933.7/32

Out: -0.120 ± 0.003 χ^2/NDF : 866.9/35

All: -0.118 ± 0.002 χ^2/NDF : 1801.0/68

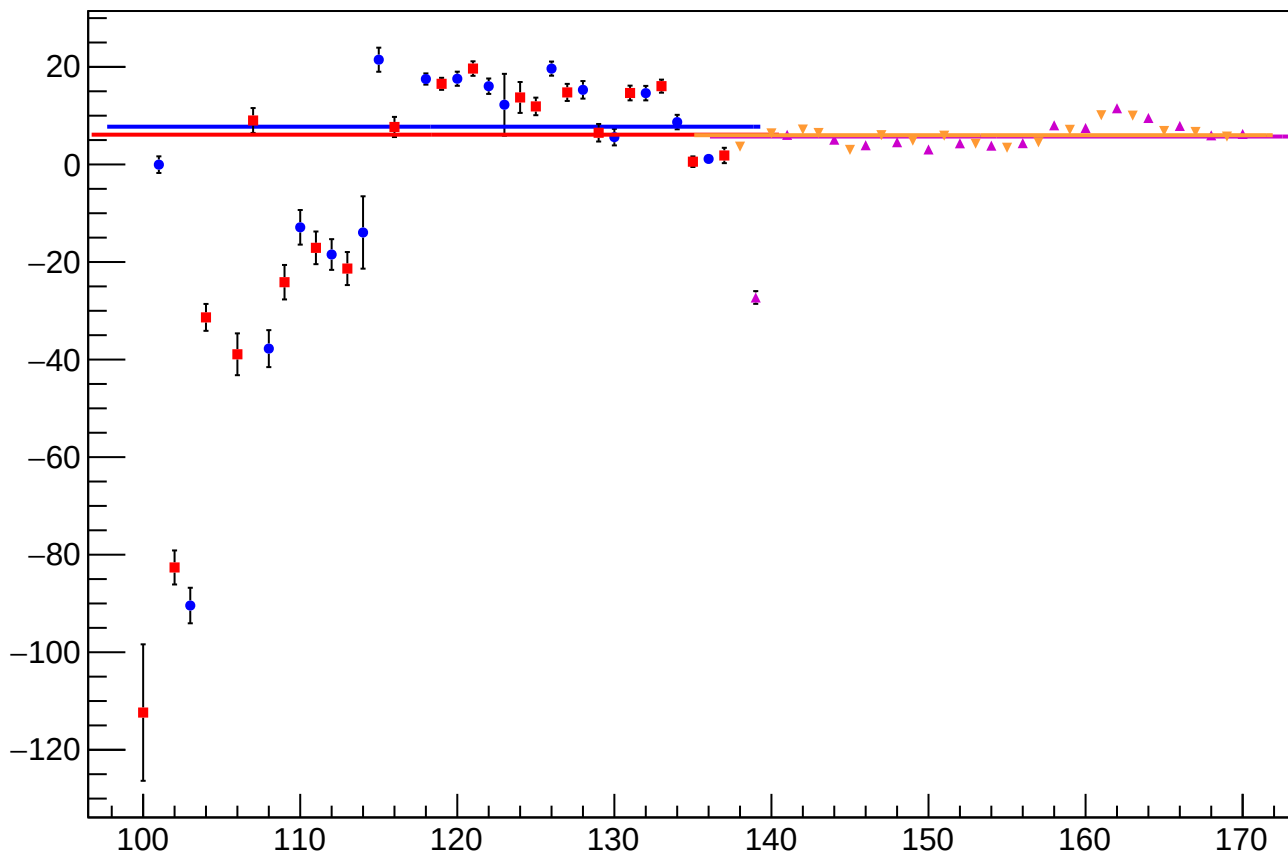
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.142 $\pm$ 0.140 χ^2/NDF : 901.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.388 $\pm$ 0.136 χ^2/NDF : 895.4/15

Left: -8.752 $\pm$ 0.098 χ^2/NDF : 1811.9/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.388 $\pm$ 0.136 χ^2/NDF : 895.4/15
 Out: -9.142 $\pm$ 0.140 χ^2/NDF : 901.6/16
 All: -8.752 $\pm$ 0.098 χ^2/NDF : 1811.9/32

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.998 ± 0.104 χ^2/NDF : 342.9/16

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.725 ± 0.100 χ^2/NDF : 1047.5/15

Left: 5.856 ± 0.072 χ^2/NDF : 1394.1/32

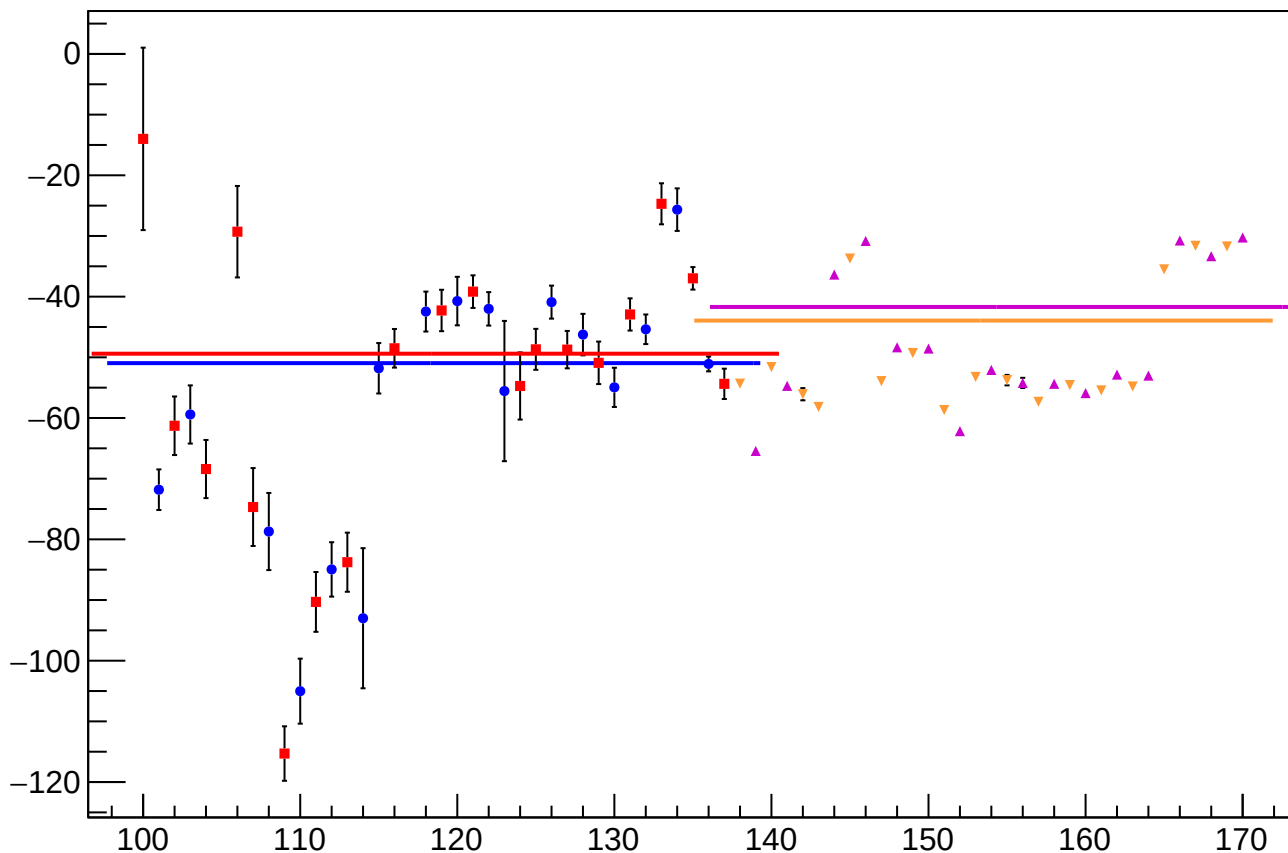
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.842 ± 0.097 χ^2/NDF : 2430.0/32

Out: 6.003 ± 0.101 χ^2/NDF : 1860.7/35

All: 5.919 ± 0.070 χ^2/NDF : 4292.1/68

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: -43.944 ± 0.141 χ^2/NDF : 6052.7/16

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -41.699 ± 0.135 χ^2/NDF : 7435.5/15

Left: -42.771 ± 0.097 χ^2/NDF : 13621.3/32

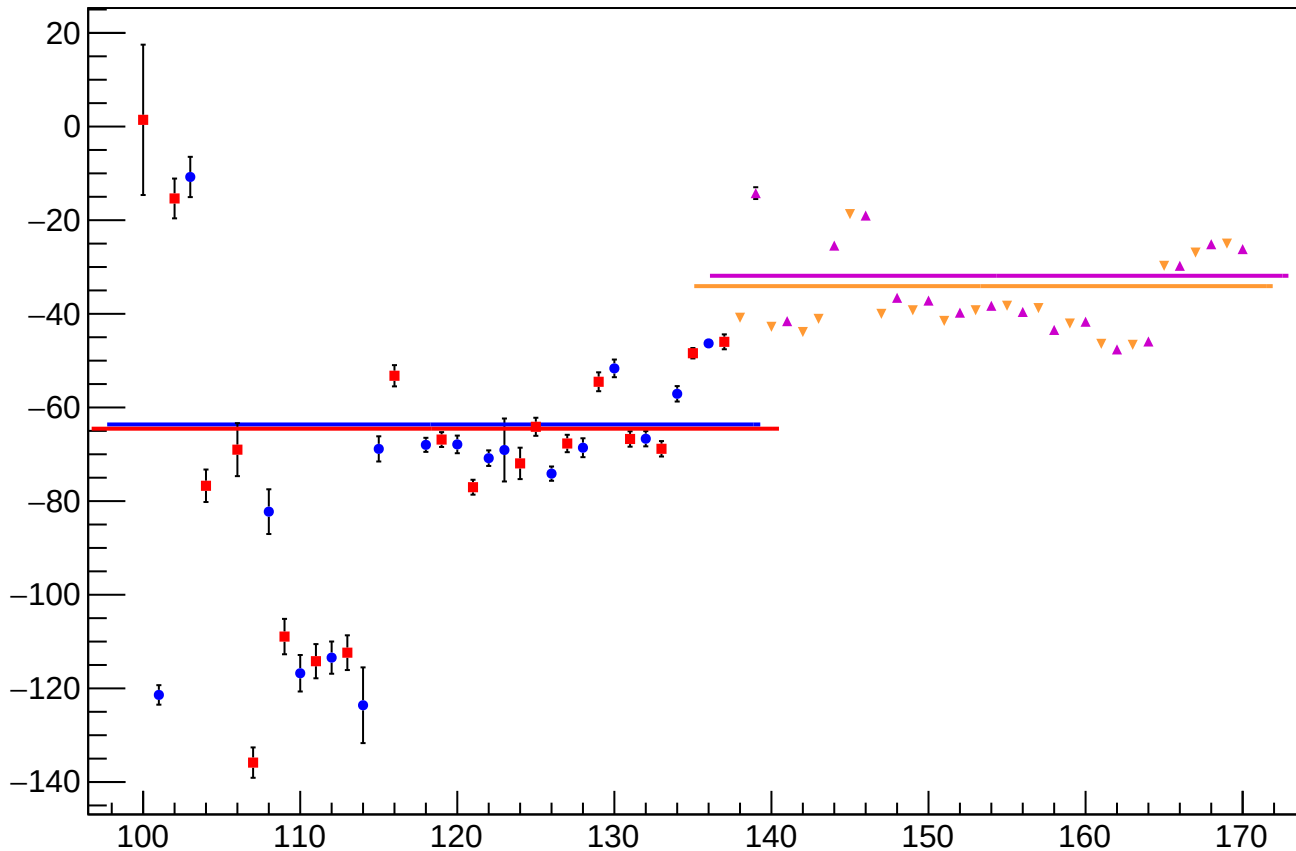
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -41.996 ± 0.132 χ^2/NDF : 7919.6/32

Out: -44.109 ± 0.139 χ^2/NDF : 6610.2/35

All: -43.004 ± 0.096 χ^2/NDF : 14651.4/68

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.085 ± 0.119 χ^2/NDF : 6143.0/16

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -31.871 ± 0.115 χ^2/NDF : 6371.7/15

Left: -32.946 ± 0.083 χ^2/NDF : 12694.2/32

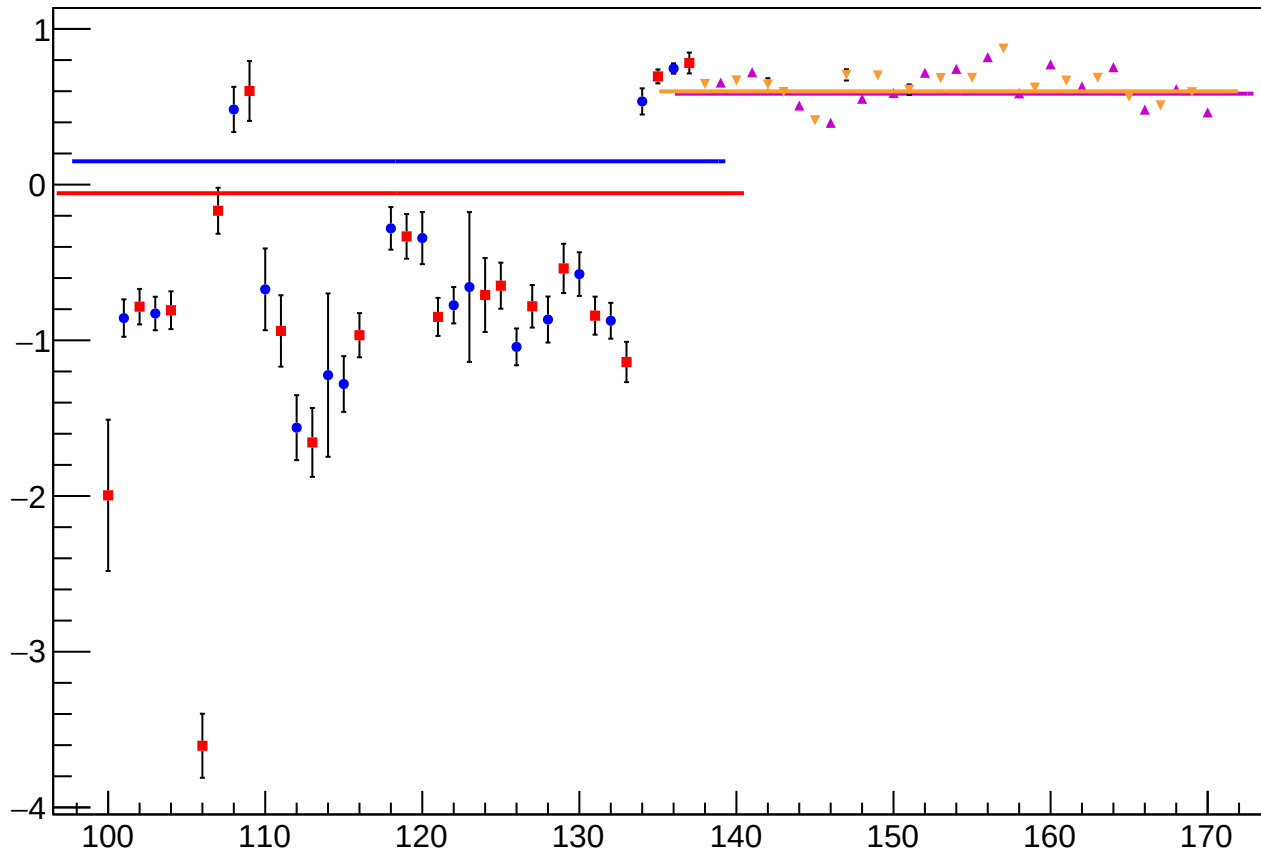
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.856 ± 0.111 χ^2/NDF : 13140.2/32

Out: -35.821 ± 0.115 χ^2/NDF : 11517.4/35

All: -34.807 ± 0.080 χ^2/NDF : 24808.0/68

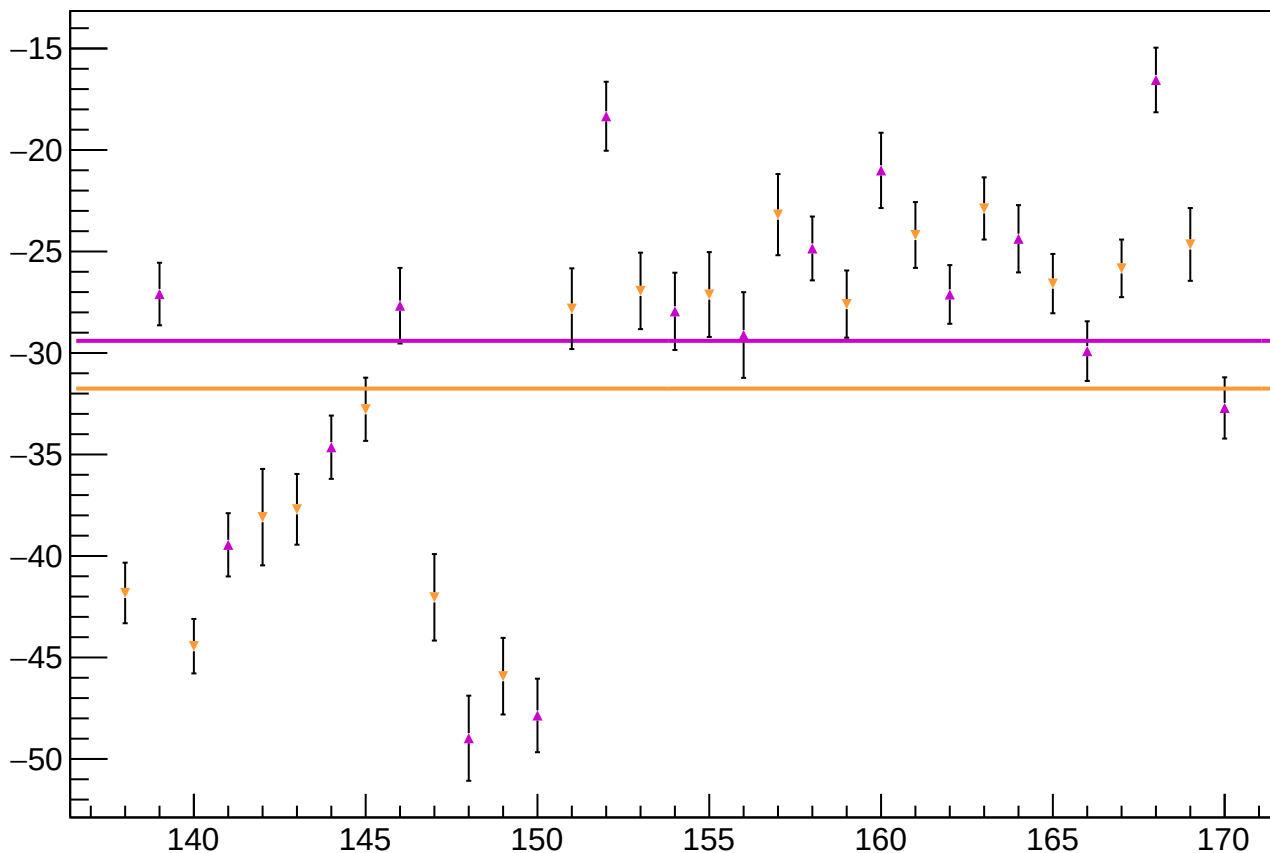
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.599 $\pm$ 0.006 χ^2 /NDF:379.5/16
 Right Out: -0.055 $\pm$ 0.026 χ^2 /NDF: 1170.0/18
 Left In: 0.584 $\pm$ 0.005 χ^2 /NDF:503.3/15

Left: 0.591 $\pm$ 0.004 χ^2 /NDF: 886.5/32
 Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2192.5/35
 In: 0.564 $\pm$ 0.005 χ^2 /NDF:1804.8/32
 Out: 0.571 $\pm$ 0.005 χ^2 /NDF:2147.0/35
 All: 0.567 $\pm$ 0.004 χ^2 /NDF: 3952.9/68

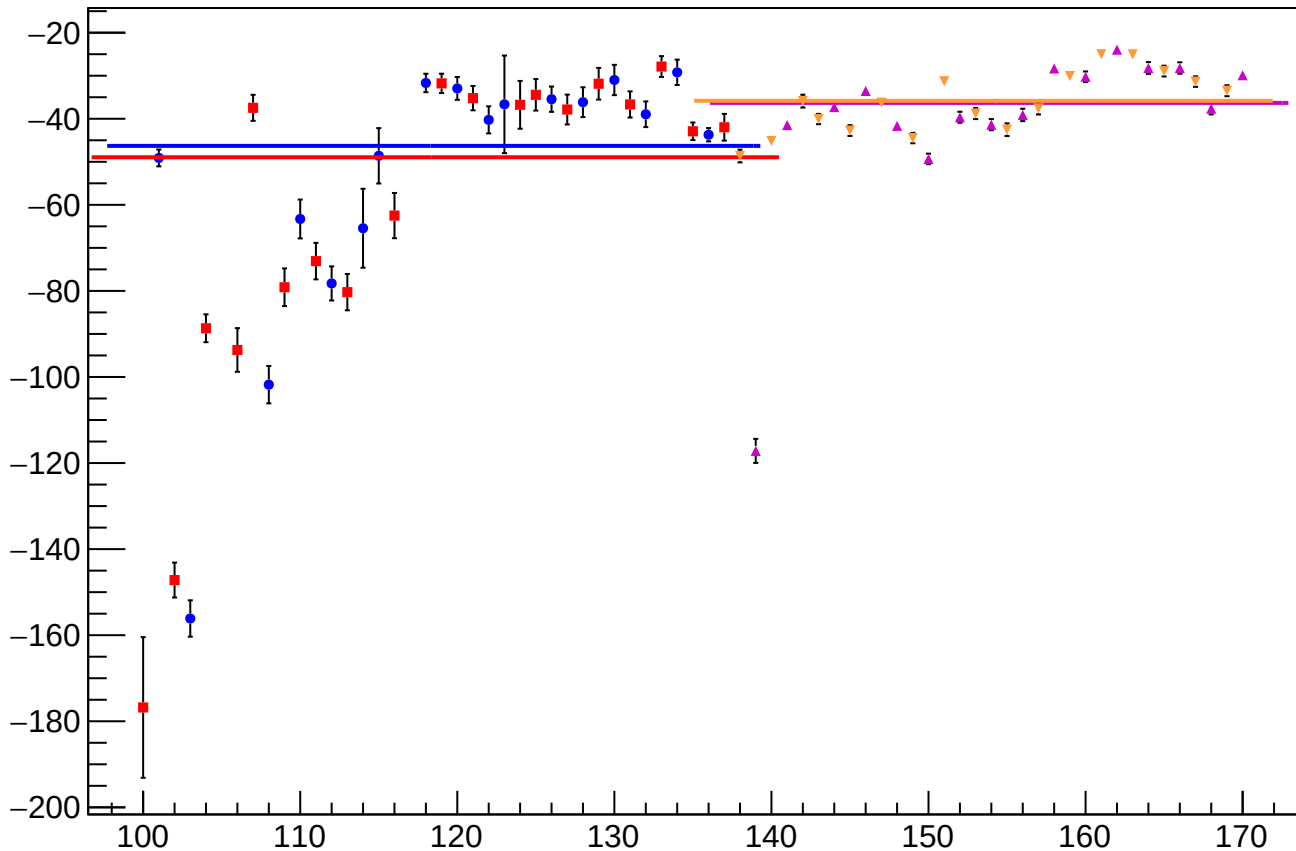
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -31.755 $\pm$ 0.412 χ^2 /NDF:374.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -29.402 $\pm$ 0.417 χ^2 /NDF:400.5/15

Left: -30.593 $\pm$ 0.293 χ^2 /NDF: 791.5/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -29.402 $\pm$ 0.417 χ^2 /NDF:400.5/15
 Out: -31.755 $\pm$ 0.412 χ^2 /NDF:374.9/16
 All: -30.593 $\pm$ 0.293 χ^2 /NDF: 791.5/32

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: -35.826 ± 0.299 $\chi^2/\text{NDF}: 532.9/16$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.314 ± 0.308 $\chi^2/\text{NDF}: 1332.3/15$

Left: -36.062 ± 0.215 $\chi^2/\text{NDF}: 1866.5/32$

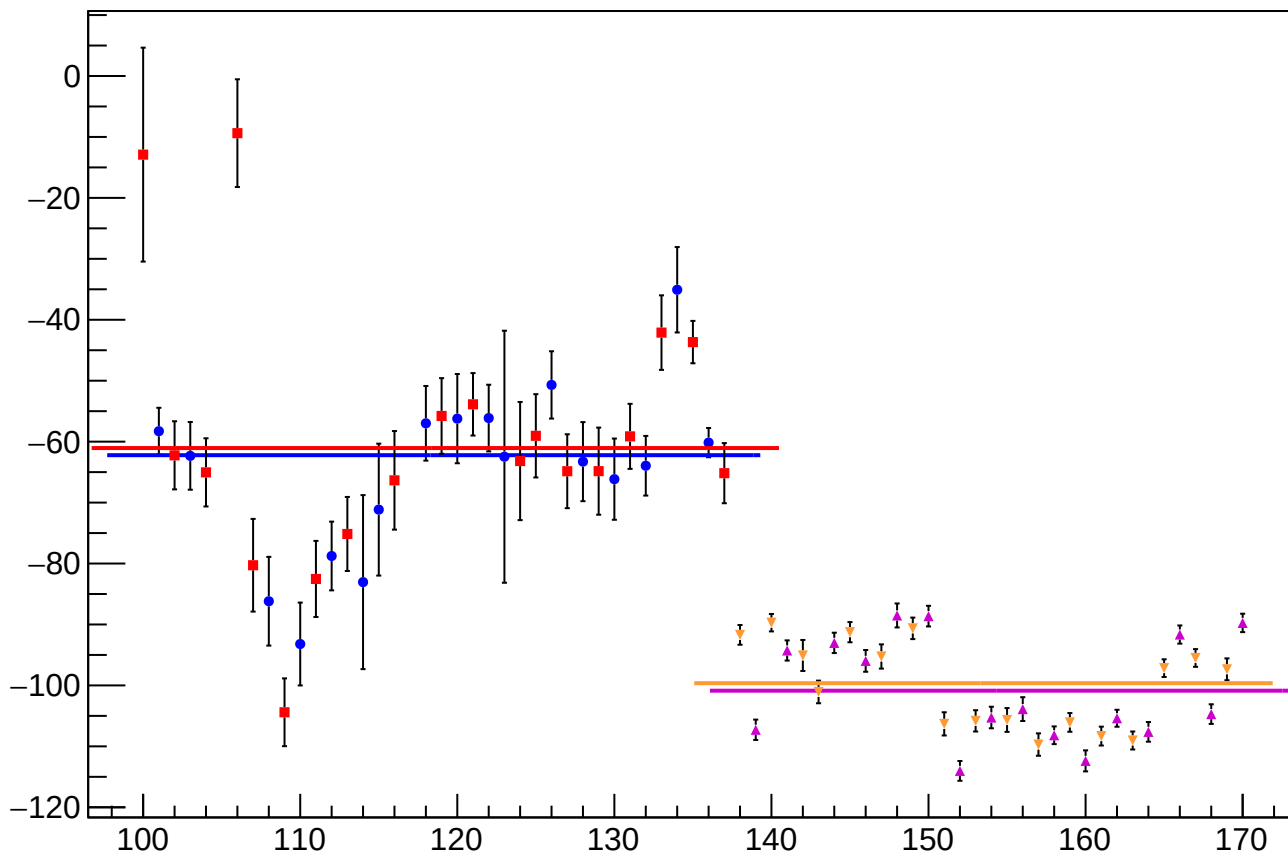
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -37.849 ± 0.284 $\chi^2/\text{NDF}: 2577.5/32$

Out: -37.573 ± 0.278 $\chi^2/\text{NDF}: 2063.1/35$

All: -37.708 ± 0.199 $\chi^2/\text{NDF}: 4641.2/68$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 $\pm$ 1.312 χ^2 /NDF: 67.3/16

Left Out: -99.636 $\pm$ 0.409 χ^2 /NDF:299.0/16

Right Out: -61.051 $\pm$ 1.379 χ^2 /NDF: 166.0/18

Left In: -100.867 $\pm$ 0.410 χ^2 /NDF:421.9/15

Left: -100.250 $\pm$ 0.290 χ^2 /NDF: 725.4/32

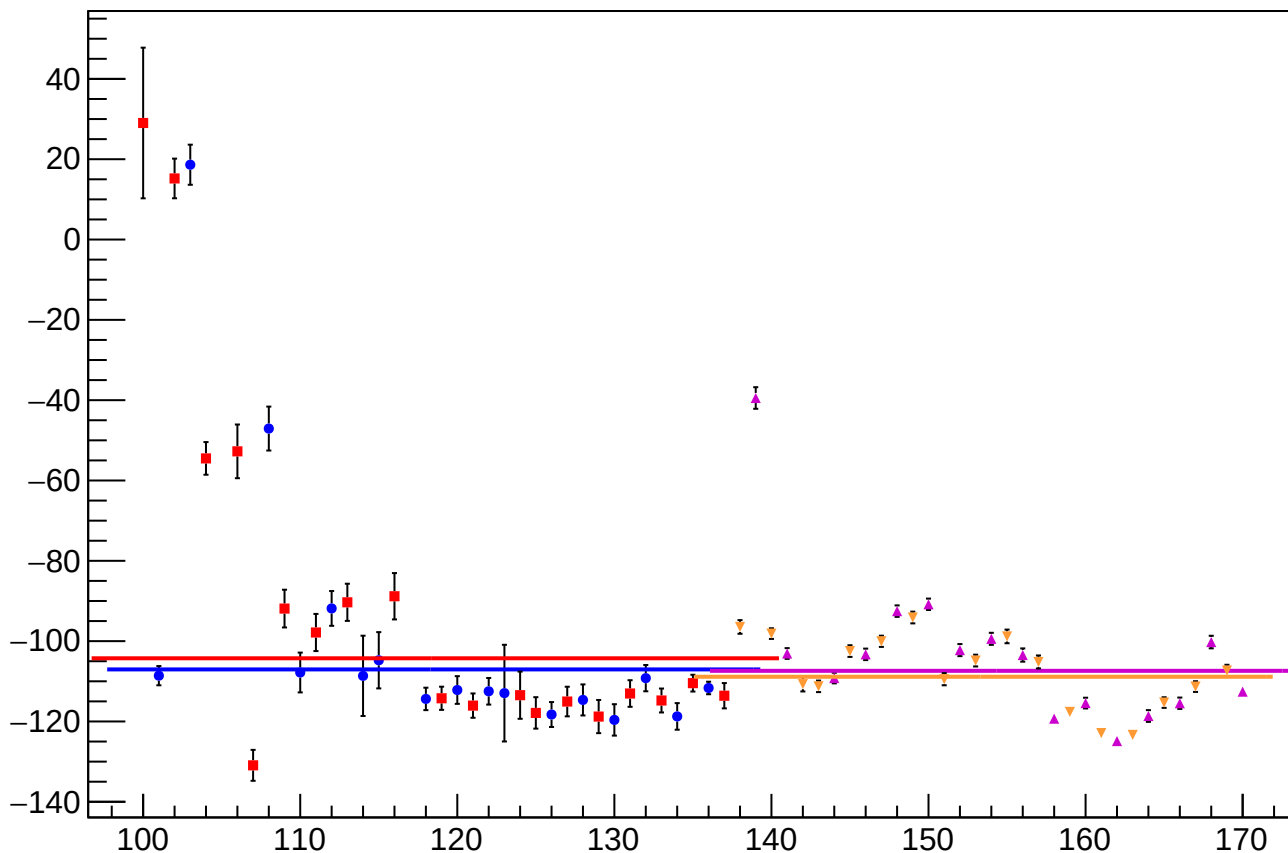
Right: -61.665 $\pm$ 0.950 χ^2 /NDF: 233.6/35

In: -97.425 $\pm$ 0.391 χ^2 /NDF:1280.0/32

Out: -96.514 $\pm$ 0.392 χ^2 /NDF:1185.0/35

All: -96.970 $\pm$ 0.277 χ^2 /NDF: 2467.6/68

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: -108.871 ± 0.344 $\chi^2/\text{NDF}: 686.8/16$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -107.391 ± 0.352 $\chi^2/\text{NDF}: 1435.3/15$

Left: -108.149 ± 0.246 $\chi^2/\text{NDF}: 2131.1/32$

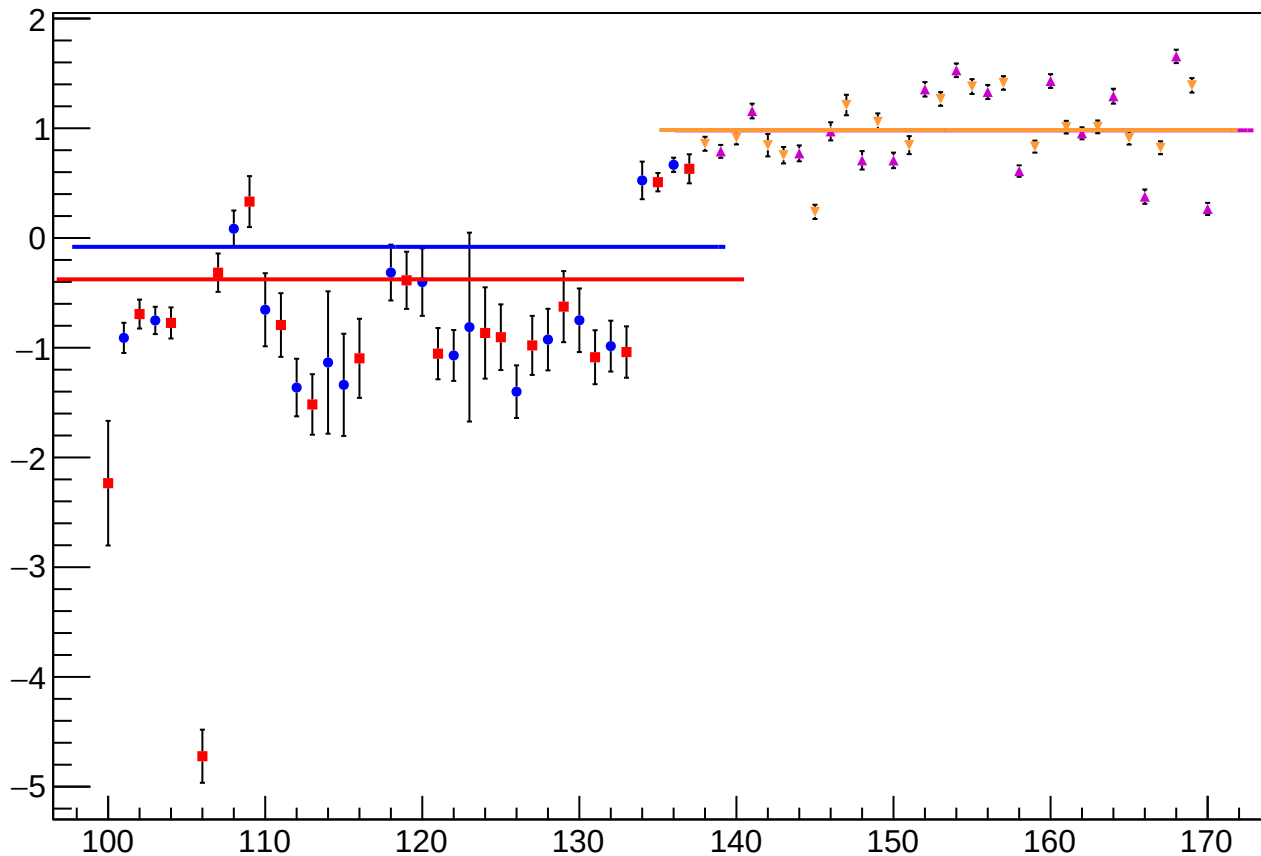
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -107.336 ± 0.323 $\chi^2/\text{NDF}: 2263.4/32$

Out: -108.236 ± 0.319 $\chi^2/\text{NDF}: 1729.5/35$

All: -107.791 ± 0.227 $\chi^2/\text{NDF}: 3996.8/68$

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: 0.984 ± 0.016 χ^2/NDF : 315.7/16

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.981 ± 0.016 χ^2/NDF : 689.0/15

Left: 0.982 ± 0.011 χ^2/NDF : 1004.7/32

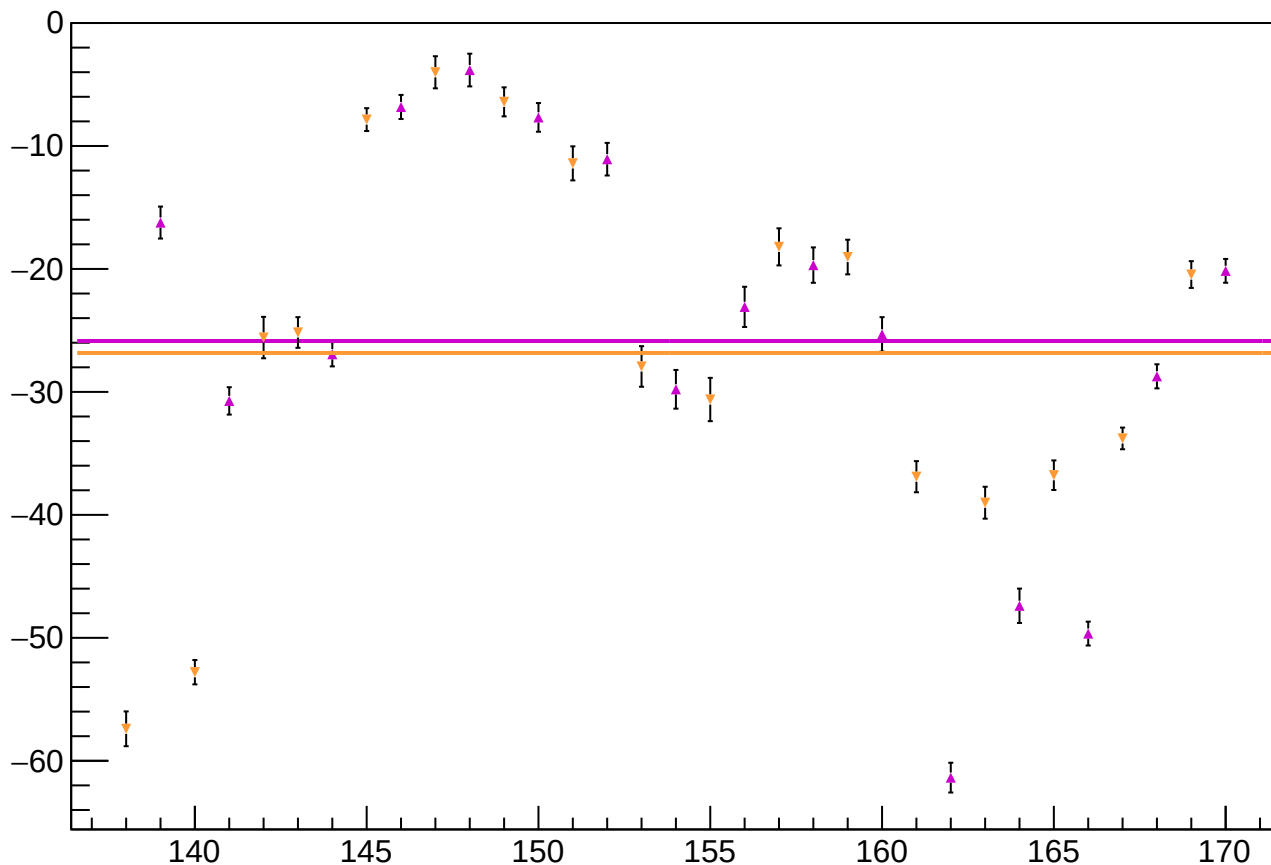
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.848 ± 0.015 χ^2/NDF : 1571.6/32

Out: 0.824 ± 0.015 χ^2/NDF : 1748.2/35

All: 0.836 ± 0.011 χ^2/NDF : 3321.1/68

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected

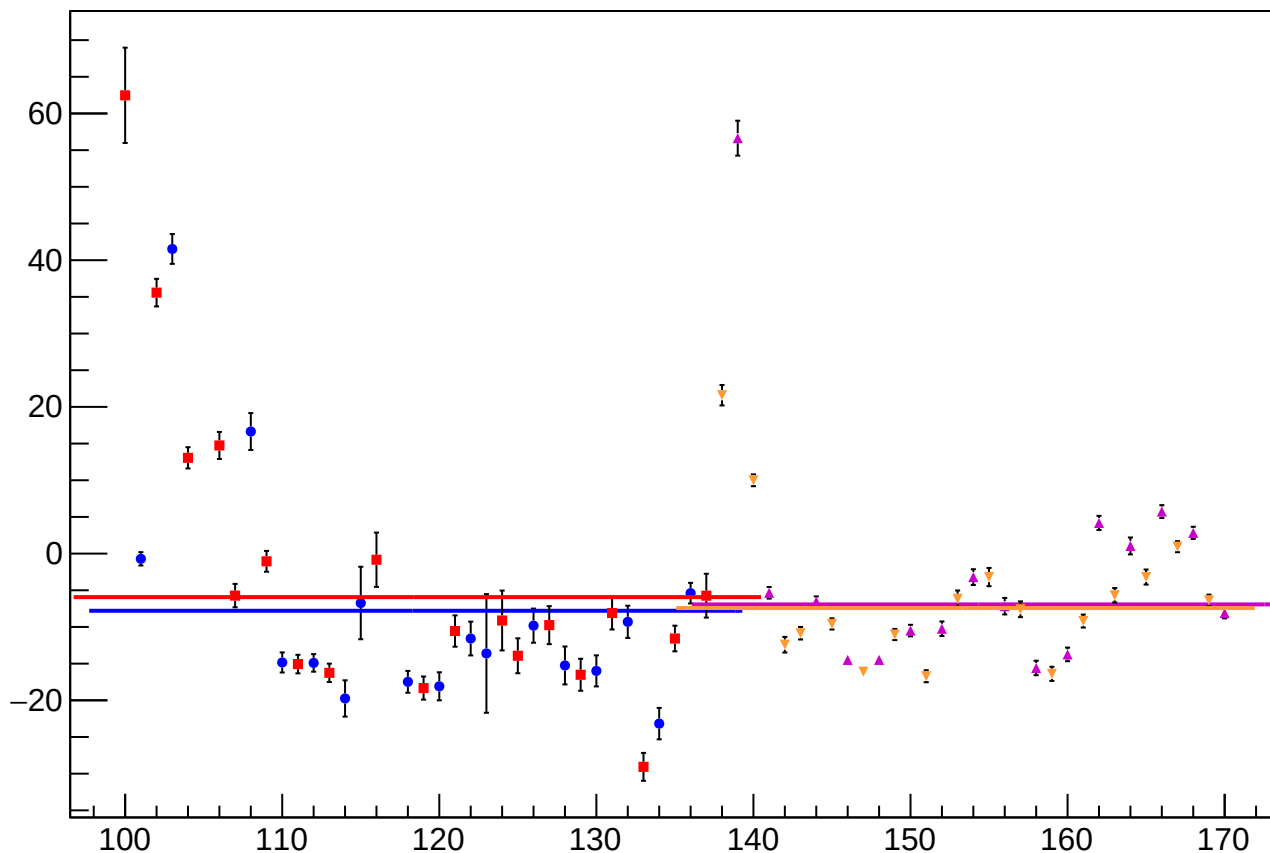


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.832+/-0.299 χ^2/NDF : 2687.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.860+/-0.295 χ^2/NDF : 2864.1/15

Left: -26.340+/-0.210 χ^2/NDF : 5556.7/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -25.860+/-0.295 χ^2/NDF : 2864.1/15
 Out: -26.832+/-0.299 χ^2/NDF : 2687.3/16

All: -26.340+/-0.210 χ^2/NDF : 5556.7/32

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: -7.425 ± 0.214 χ^2/NDF : 1537.5/16

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -6.926 ± 0.214 χ^2/NDF : 1706.8/15

Left: -7.176 ± 0.151 χ^2/NDF : 3247.0/32

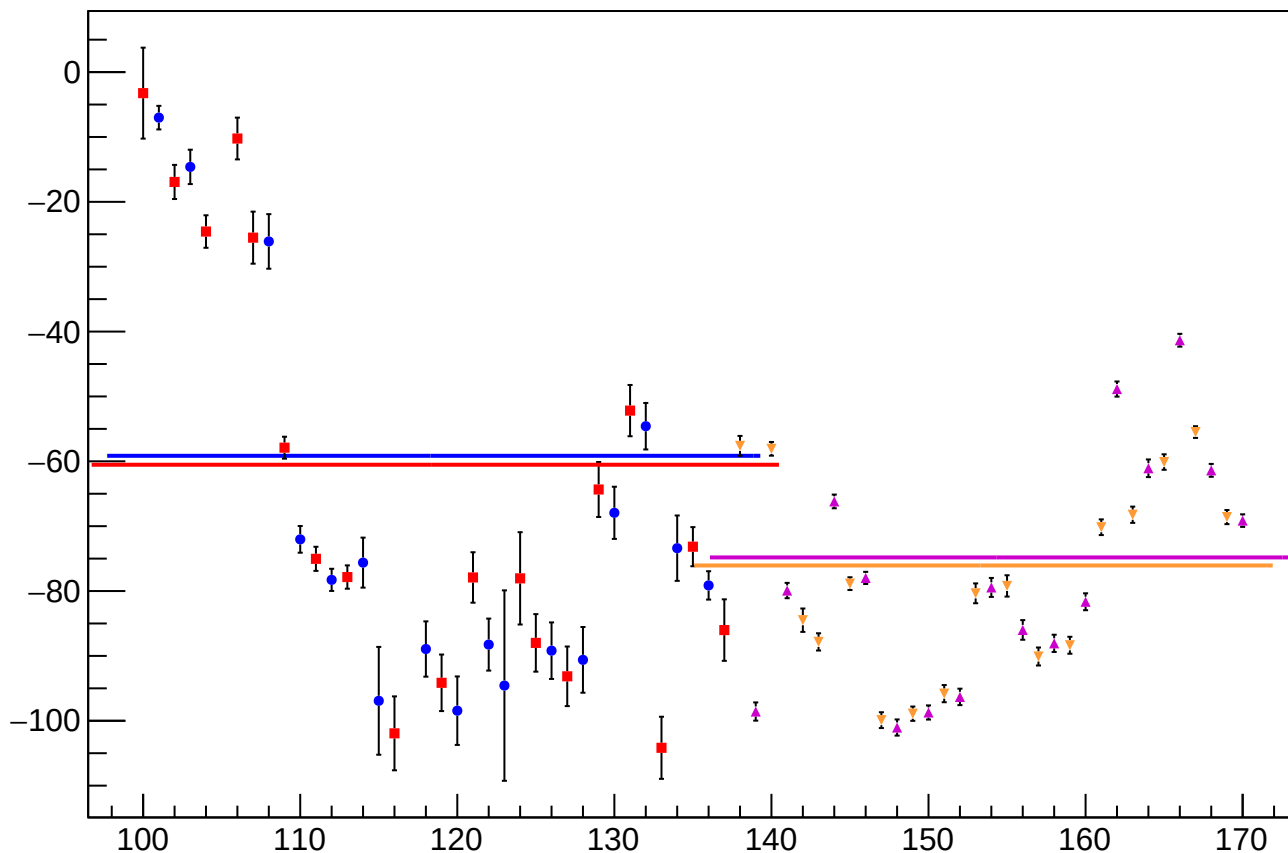
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -7.100 ± 0.192 χ^2/NDF : 2692.8/32

Out: -7.127 ± 0.191 χ^2/NDF : 2841.4/35

All: -7.114 ± 0.135 χ^2/NDF : 5534.2/68

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: -76.058 ± 0.298 χ^2/NDF : 2587.9/16

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -74.818 ± 0.291 χ^2/NDF : 3745.1/15

Left: -75.424 ± 0.208 χ^2/NDF : 6341.9/32

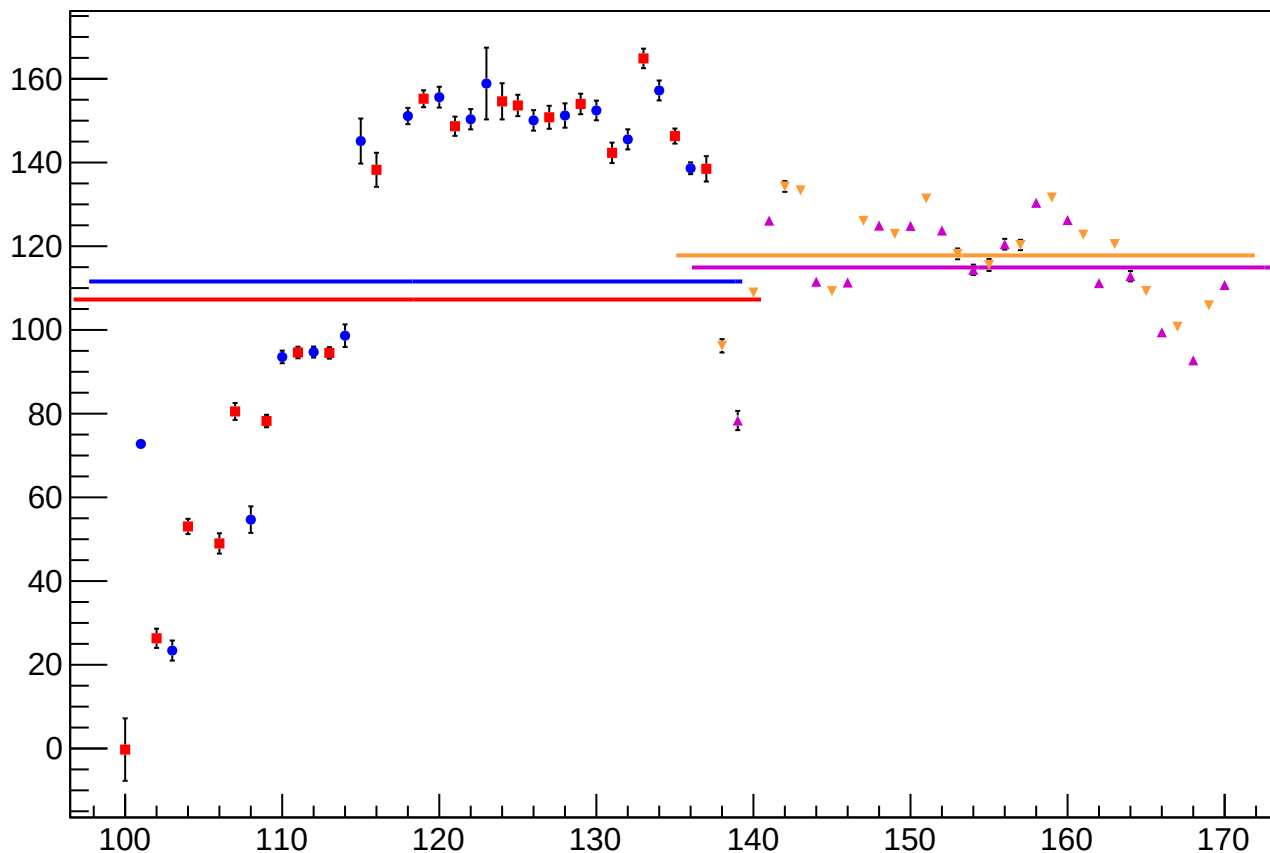
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -72.741 ± 0.271 χ^2/NDF : 5846.8/32

Out: -73.704 ± 0.274 χ^2/NDF : 4385.8/35

All: -73.218 ± 0.193 χ^2/NDF : 10238.8/68

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: 117.808 $\pm$ 0.249 χ^2 /NDF:1940.4/16

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 114.926 $\pm$ 0.248 χ^2 /NDF:1937.1/15

Left: 116.364 $\pm$ 0.176 χ^2 /NDF: 3944.7/32

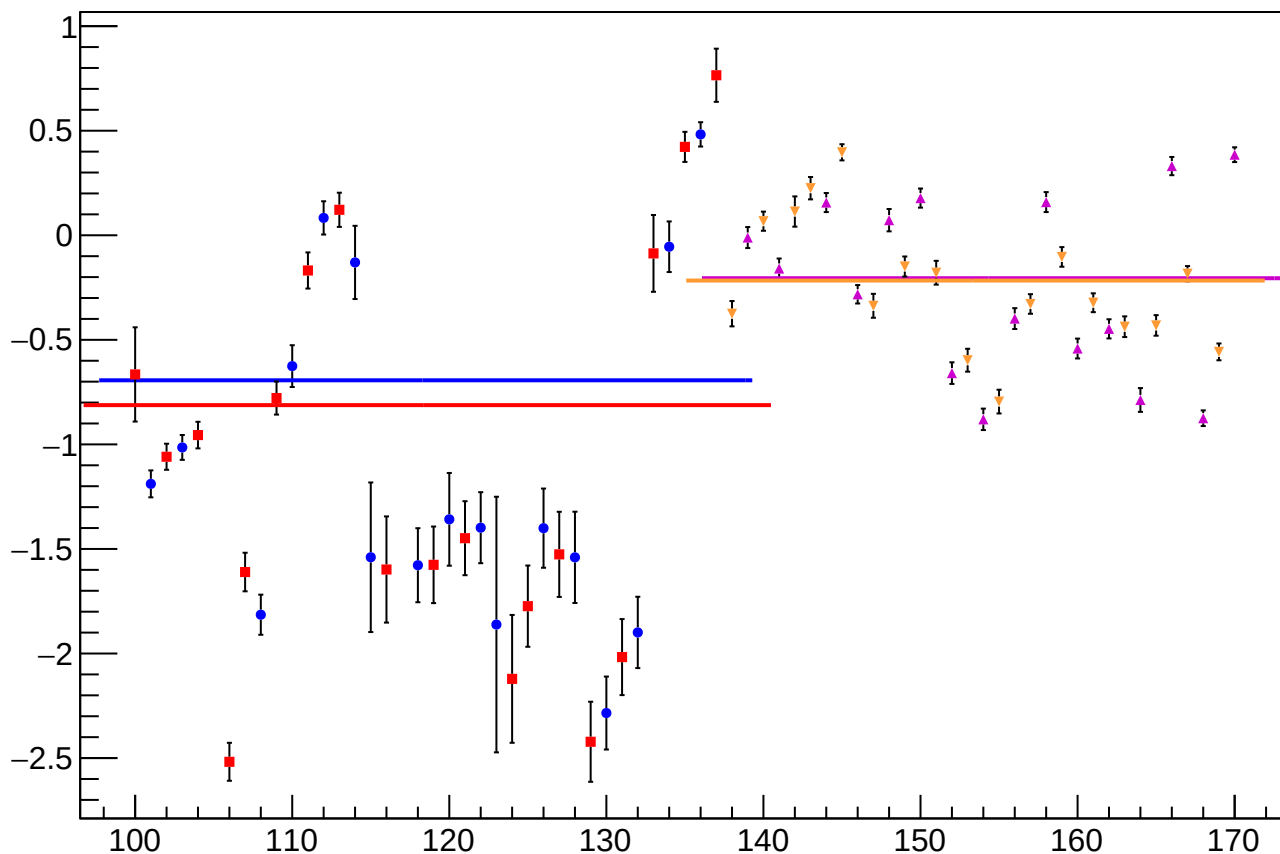
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 114.236 $\pm$ 0.221 χ^2 /NDF:7920.4/32

Out: 115.629 $\pm$ 0.222 χ^2 /NDF:9355.6/35

All: 114.932 $\pm$ 0.157 χ^2 /NDF: 17295.8/68

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: -0.216 ± 0.012 χ^2/NDF : 674.3/16

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.205 ± 0.012 χ^2/NDF : 1436.0/15

Left: -0.211 ± 0.008 χ^2/NDF : 2110.8/32

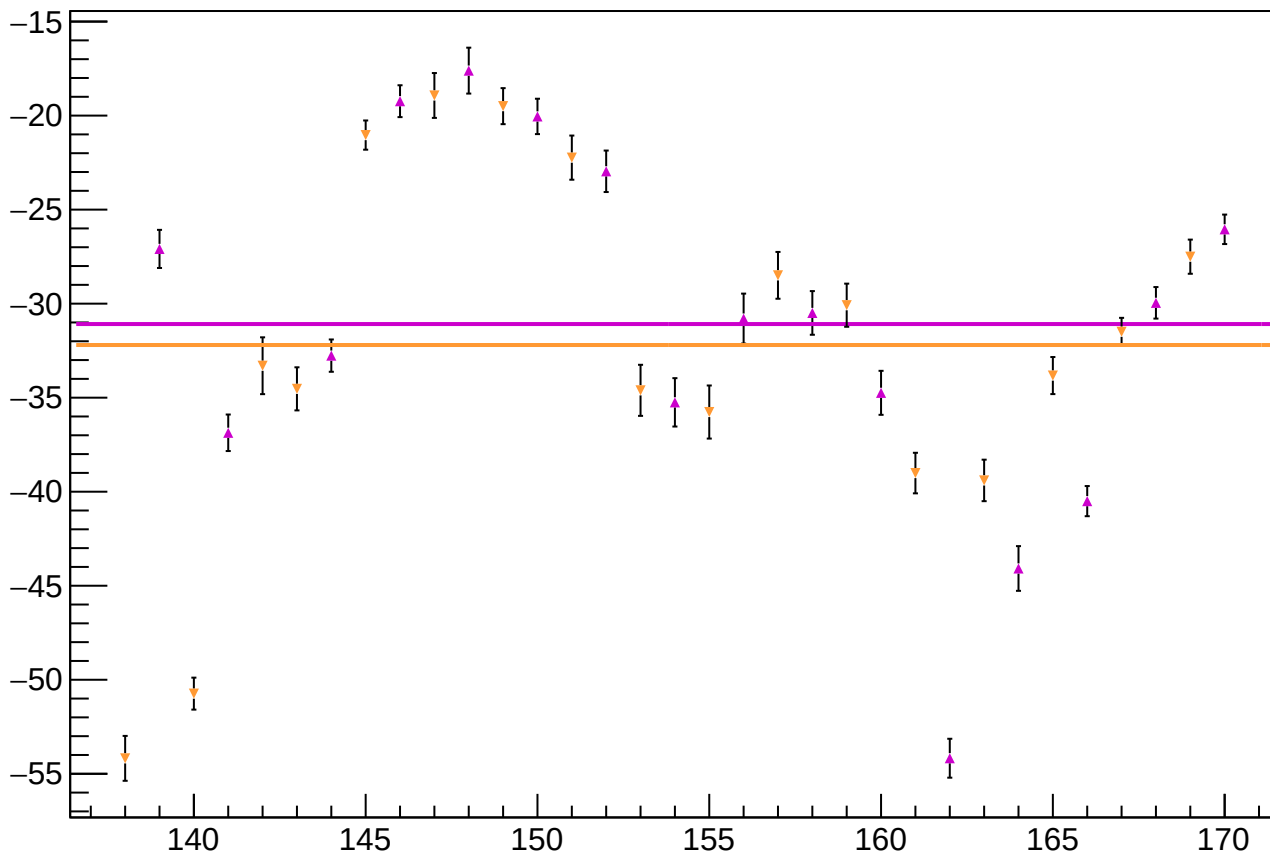
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.287 ± 0.011 χ^2/NDF : 2725.0/32

Out: -0.329 ± 0.011 χ^2/NDF : 2469.6/35

All: -0.308 ± 0.007 χ^2/NDF : 5202.6/68

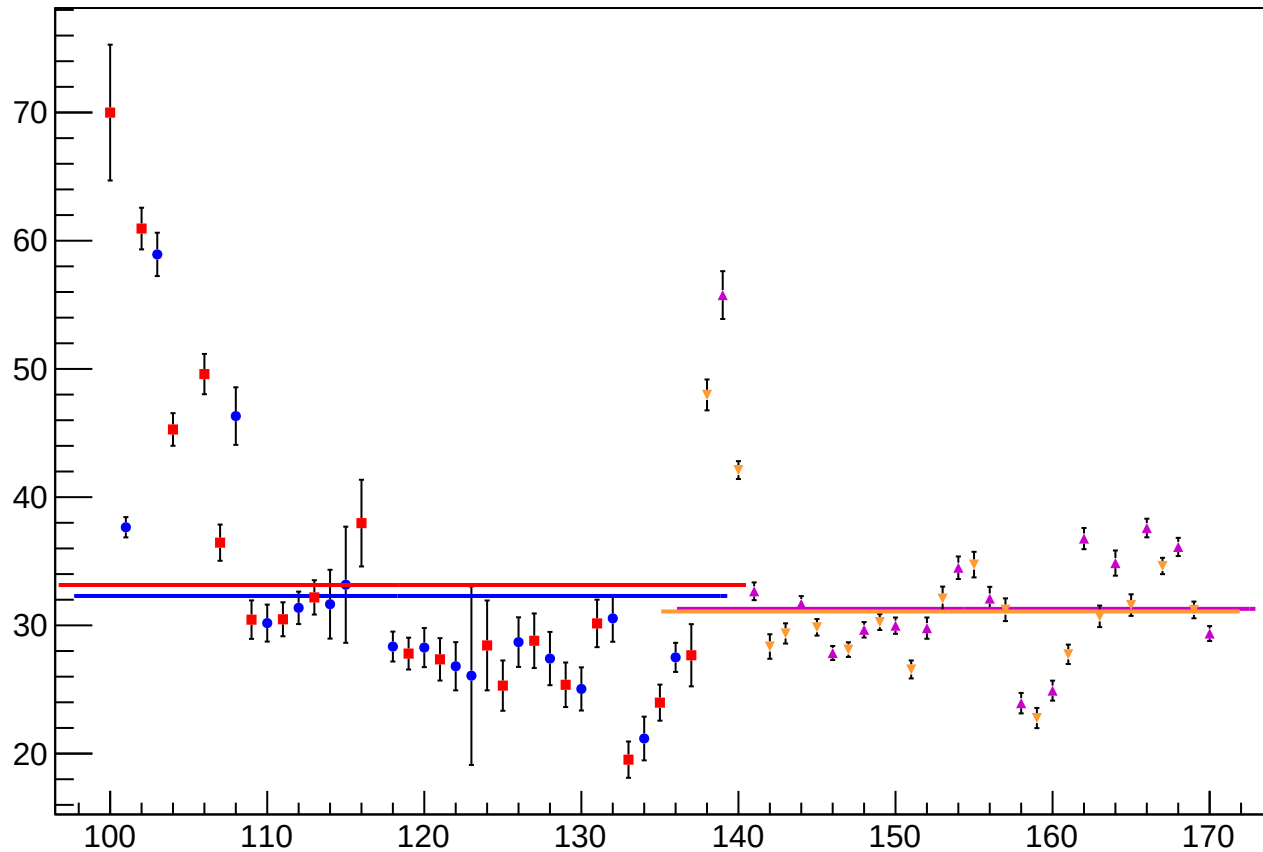
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -32.200 $\pm$ 0.253 χ^2/NDF :1532.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -31.085 $\pm$ 0.248 χ^2/NDF :1383.5/15

Left: -31.631 $\pm$ 0.177 χ^2/NDF : 2925.7/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -31.085 $\pm$ 0.248 χ^2/NDF :1383.5/15
 Out: -32.200 $\pm$ 0.253 χ^2/NDF :1532.3/16
 All: -31.631 $\pm$ 0.177 χ^2/NDF : 2925.7/32

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 31.084 $\pm$ 0.183 χ^2 /NDF: 711.2/16

Right Out: 33.149 $\pm$ 0.379 χ^2 /NDF: 772.6/18

Left In: 31.289 $\pm$ 0.182 χ^2 /NDF: 586.9/15

Left: 31.187 $\pm$ 0.129 χ^2 /NDF: 1298.7/32

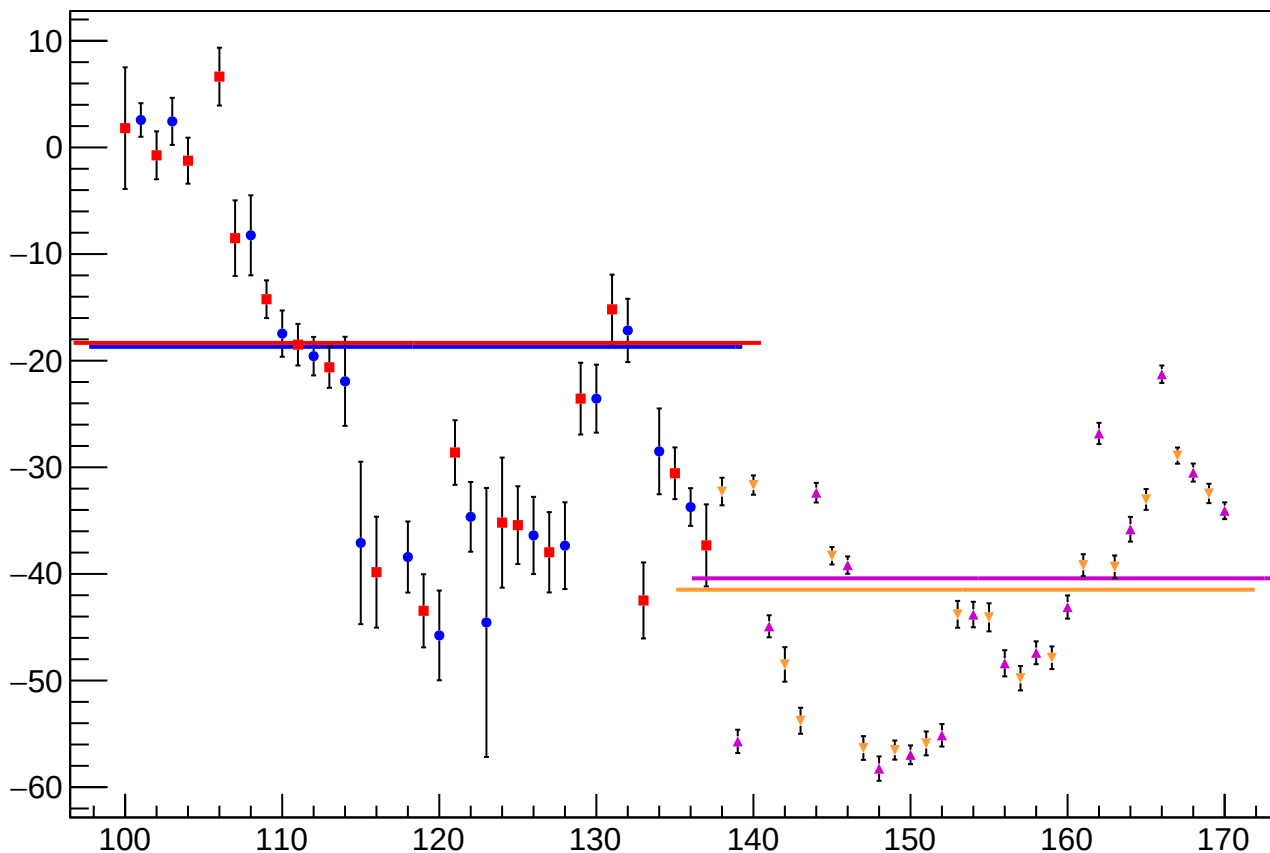
Right: 32.715 $\pm$ 0.266 χ^2 /NDF: 1227.8/35

In: 31.483 $\pm$ 0.164 χ^2 /NDF: 1045.2/32

Out: 31.473 $\pm$ 0.164 χ^2 /NDF: 1507.9/35

All: 31.478 $\pm$ 0.116 χ^2 /NDF: 2553.2/68

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: -41.480 ± 0.251 $\chi^2/\text{NDF}: 1482.9/16$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -40.416 ± 0.244 $\chi^2/\text{NDF}: 2136.1/15$

Left: -40.934 ± 0.175 $\chi^2/\text{NDF}: 3628.2/32$

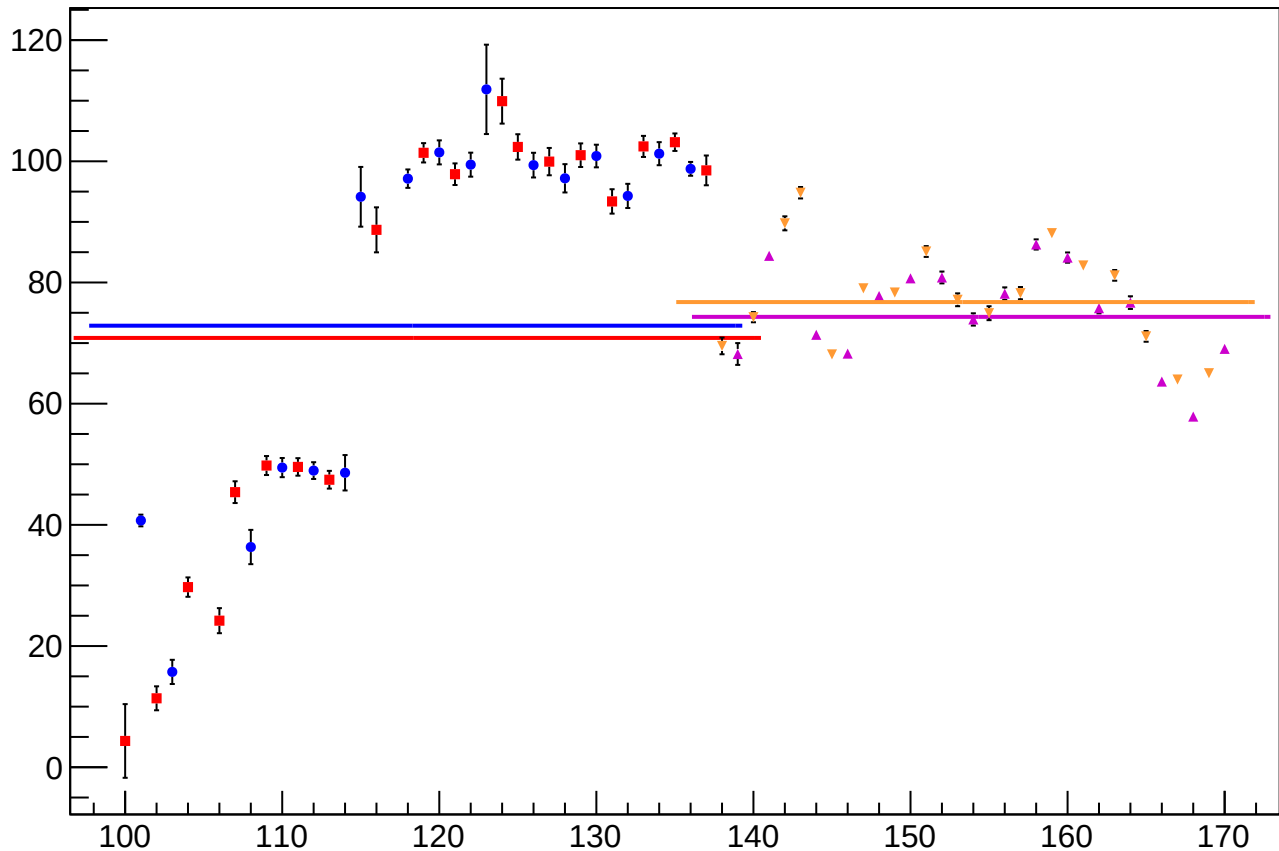
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -37.844 ± 0.229 $\chi^2/\text{NDF}: 3591.1/32$

Out: -38.425 ± 0.234 $\chi^2/\text{NDF}: 3080.5/35$

All: -38.129 ± 0.164 $\chi^2/\text{NDF}: 6674.7/68$

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: 76.769 $\pm$ 0.211 χ^2 /NDF:1674.6/16

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 74.328 $\pm$ 0.210 χ^2 /NDF:1403.3/15

Left: 75.541 $\pm$ 0.149 χ^2 /NDF: 3145.1/32

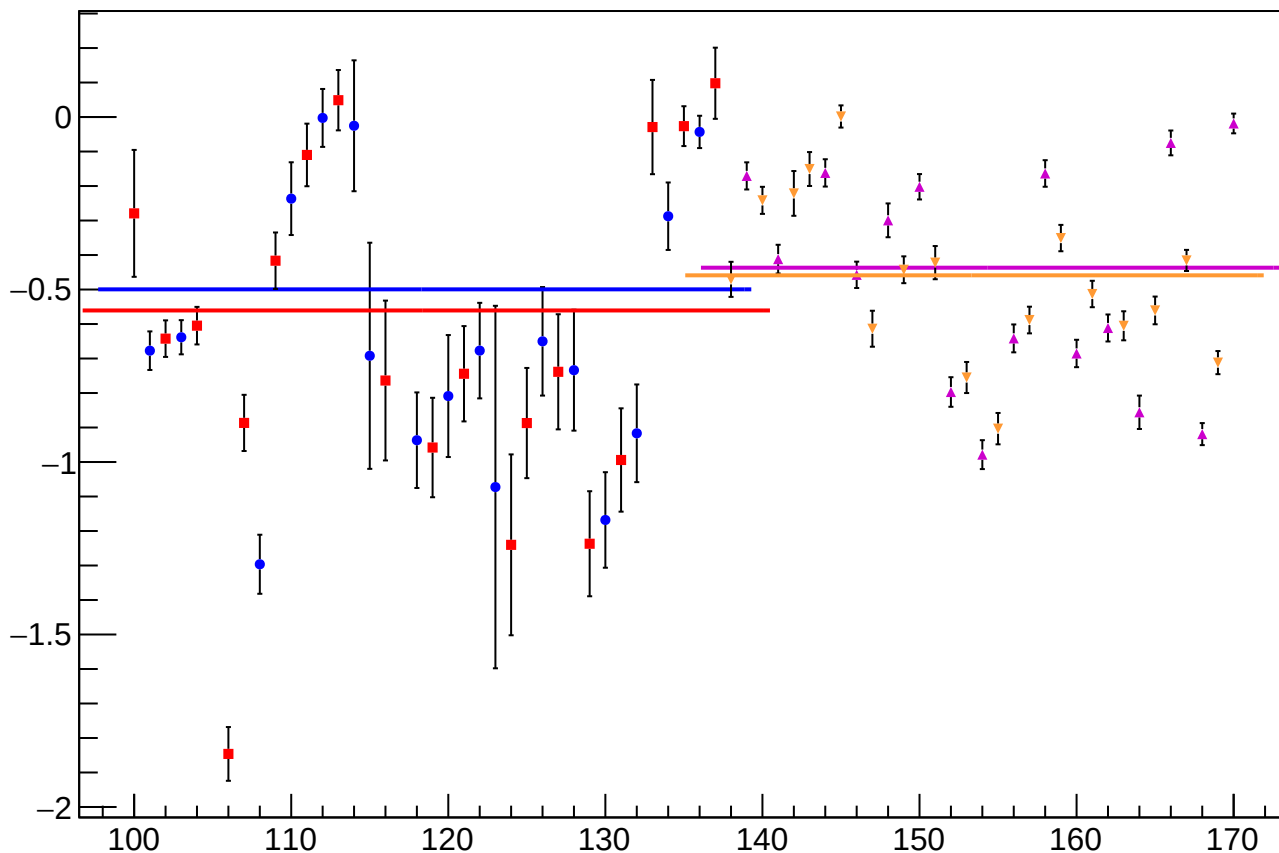
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.044 $\pm$ 0.188 χ^2 /NDF:6139.8/32

Out: 75.632 $\pm$ 0.190 χ^2 /NDF:7321.0/35

All: 74.832 $\pm$ 0.134 χ^2 /NDF: 13496.0/68

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: -0.459 ± 0.010 χ^2/NDF : 535.3/16

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.437 ± 0.010 χ^2/NDF : 1133.9/15

Left: -0.448 ± 0.007 χ^2/NDF : 1671.8/32

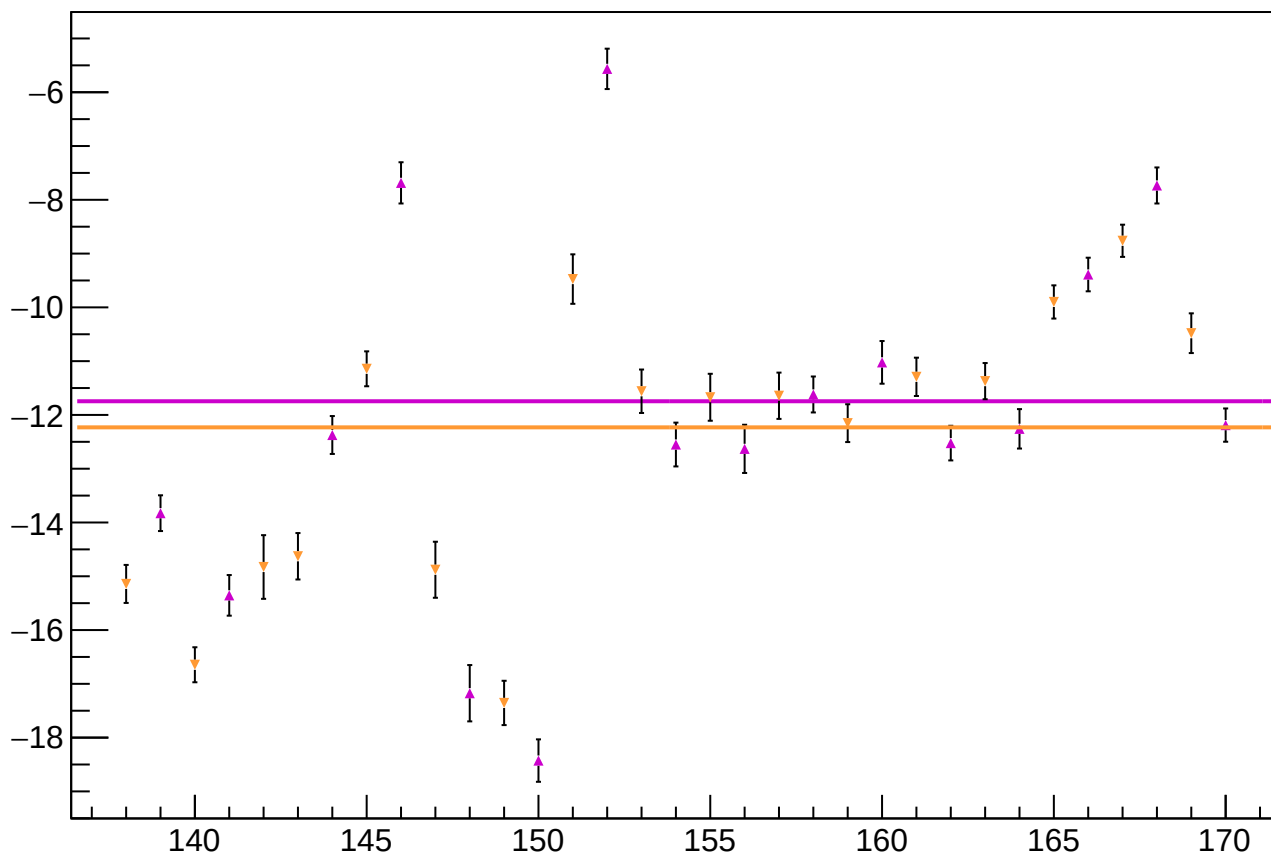
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.447 ± 0.009 χ^2/NDF : 1443.2/32

Out: -0.477 ± 0.009 χ^2/NDF : 1115.8/35

All: -0.461 ± 0.006 χ^2/NDF : 2564.7/68

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.231+/-0.091 χ^2/NDF : 763.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Left: -11.987+/-0.064 χ^2/NDF : 1909.9/32

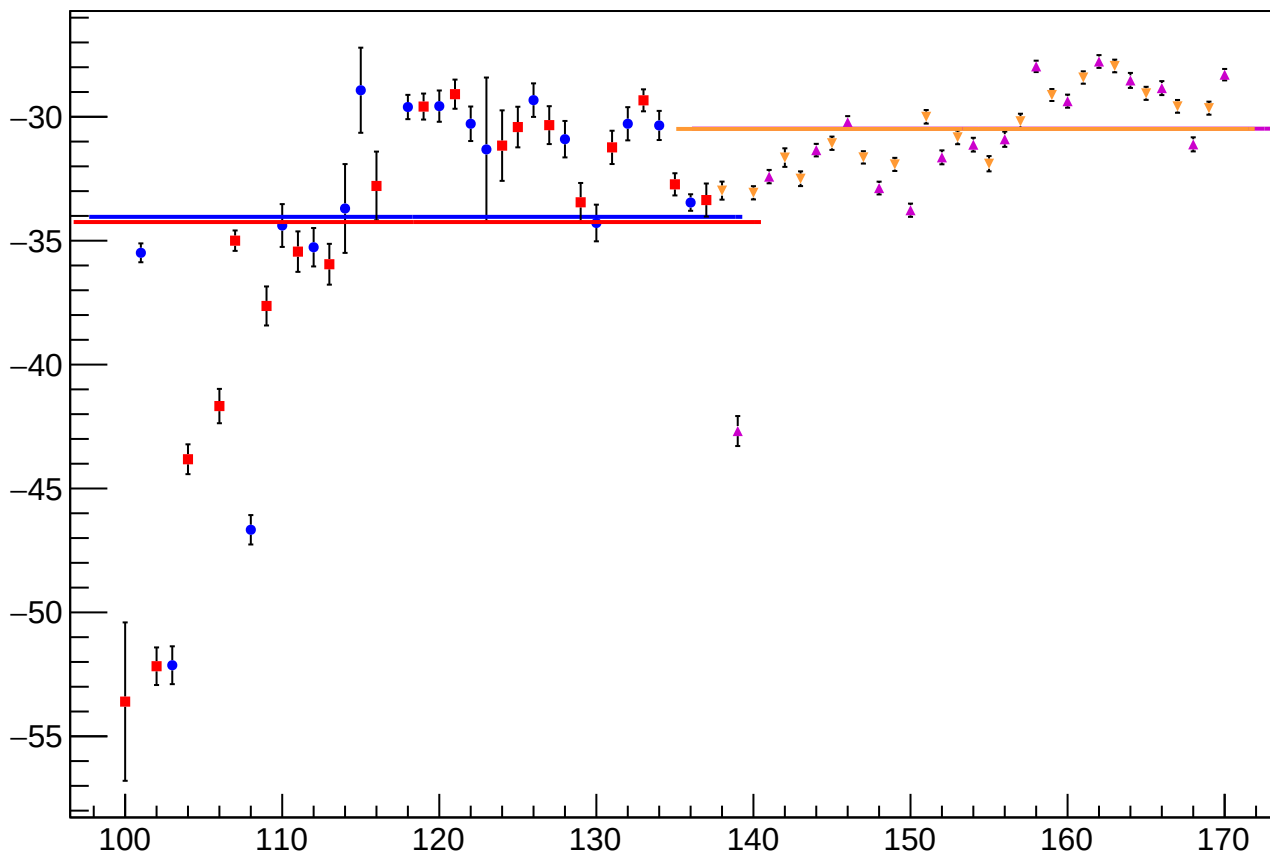
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Out: -12.231+/-0.091 χ^2/NDF : 763.2/16

All: -11.987+/-0.064 χ^2/NDF : 1909.9/32

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: -30.490 ± 0.067 χ^2/NDF : 527.4/16

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.479 ± 0.068 χ^2/NDF : 1148.0/15

Left: -30.485 ± 0.048 χ^2/NDF : 1675.4/32

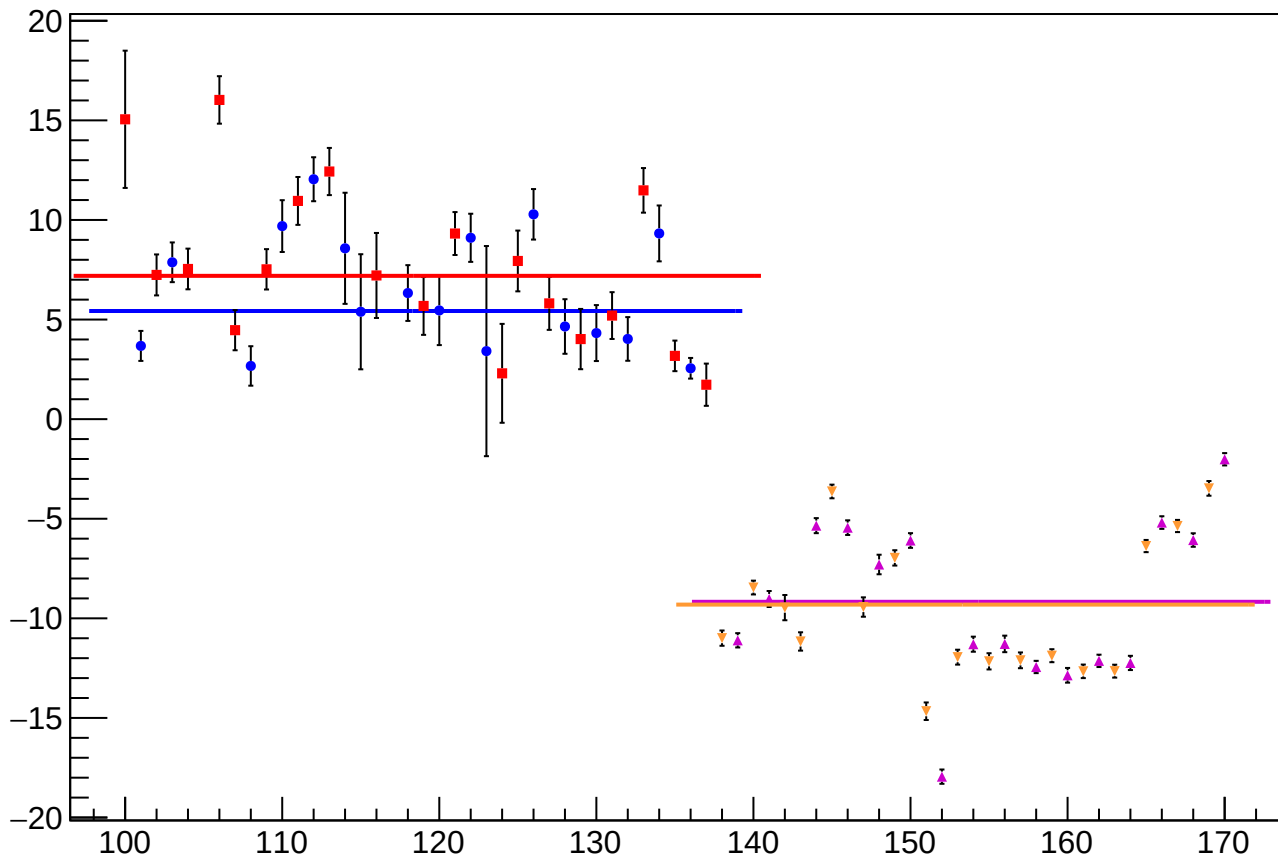
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.080 ± 0.062 χ^2/NDF : 2953.4/32

Out: -31.109 ± 0.061 χ^2/NDF : 2404.6/35

All: -31.095 ± 0.044 χ^2/NDF : 5358.2/68

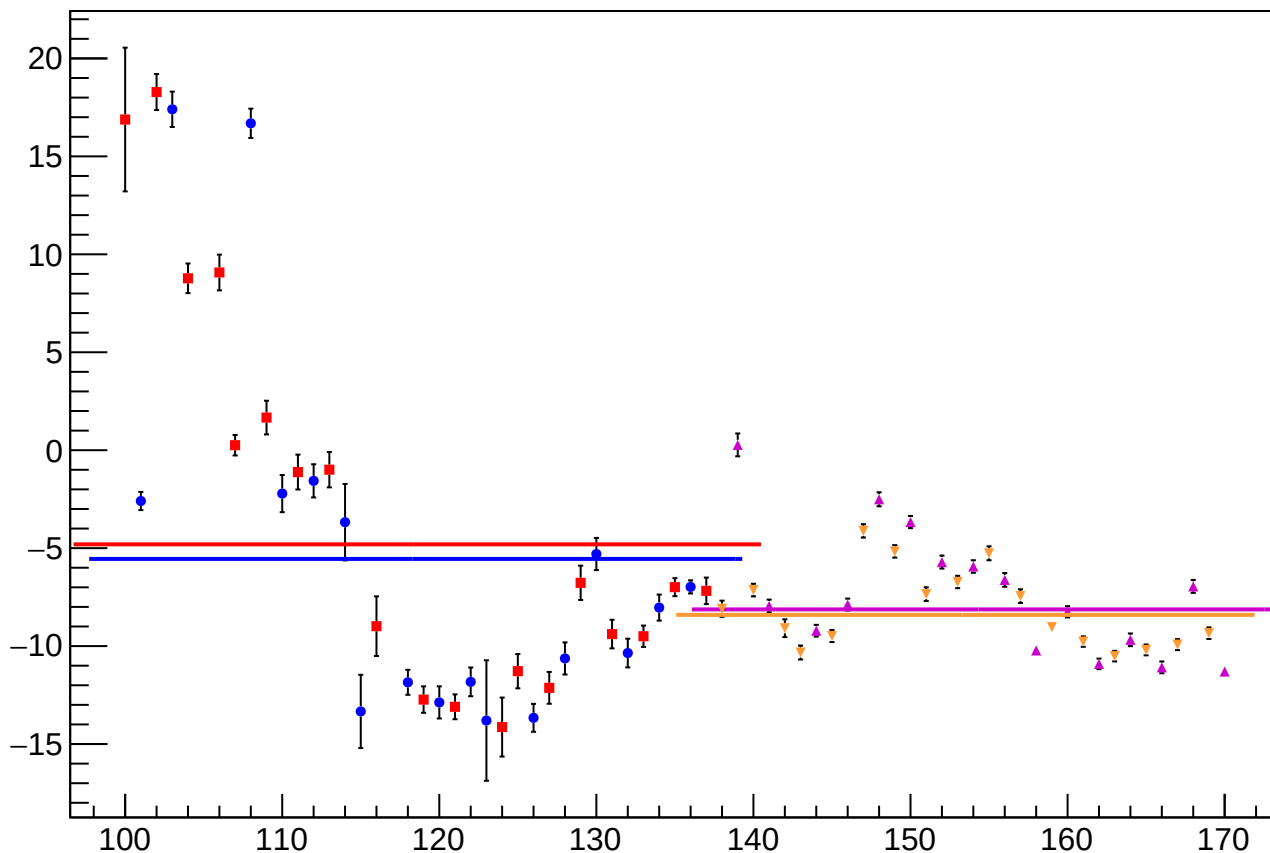
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$
 Left Out: -9.310 ± 0.090 $\chi^2/\text{NDF}: 1421.5/16$
 Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$
 Left In: -9.170 ± 0.089 $\chi^2/\text{NDF}: 2124.6/15$

Left: -9.239 ± 0.063 $\chi^2/\text{NDF}: 3547.3/32$
 Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$
 In: -7.730 ± 0.085 $\chi^2/\text{NDF}: 4894.6/32$
 Out: -7.694 ± 0.086 $\chi^2/\text{NDF}: 4876.2/35$
 All: -7.712 ± 0.060 $\chi^2/\text{NDF}: 9770.9/68$

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: -8.407 ± 0.076 χ^2/NDF : 616.1/16

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.127 ± 0.077 χ^2/NDF : 1267.2/15

Left: -8.268 ± 0.054 χ^2/NDF : 1889.9/32

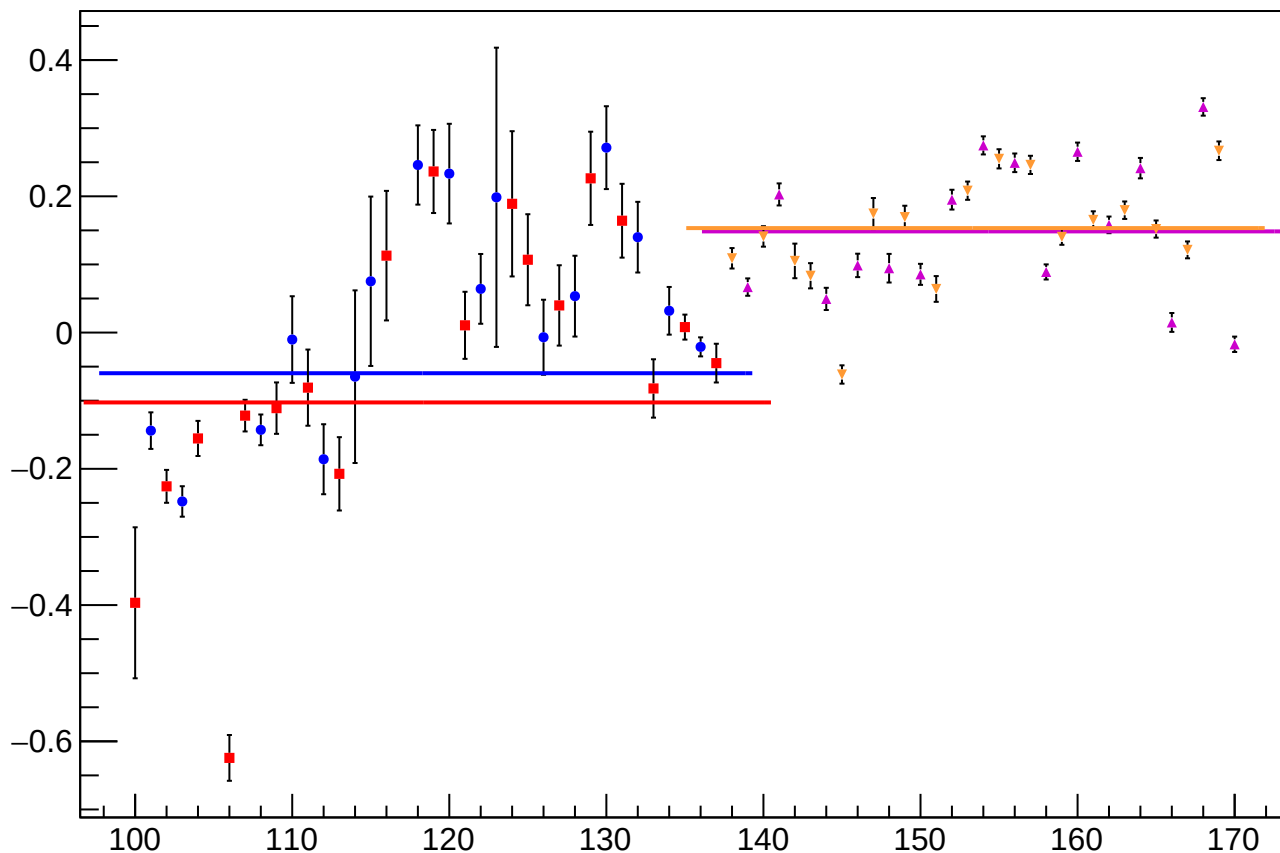
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.688 ± 0.070 χ^2/NDF : 3584.2/32

Out: -7.817 ± 0.070 χ^2/NDF : 3028.0/35

All: -7.753 ± 0.050 χ^2/NDF : 6613.9/68

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: 0.153 ± 0.004 χ^2/NDF : 506.1/16

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.149 ± 0.003 χ^2/NDF : 931.3/15

Left: 0.151 ± 0.002 χ^2/NDF : 1438.3/32

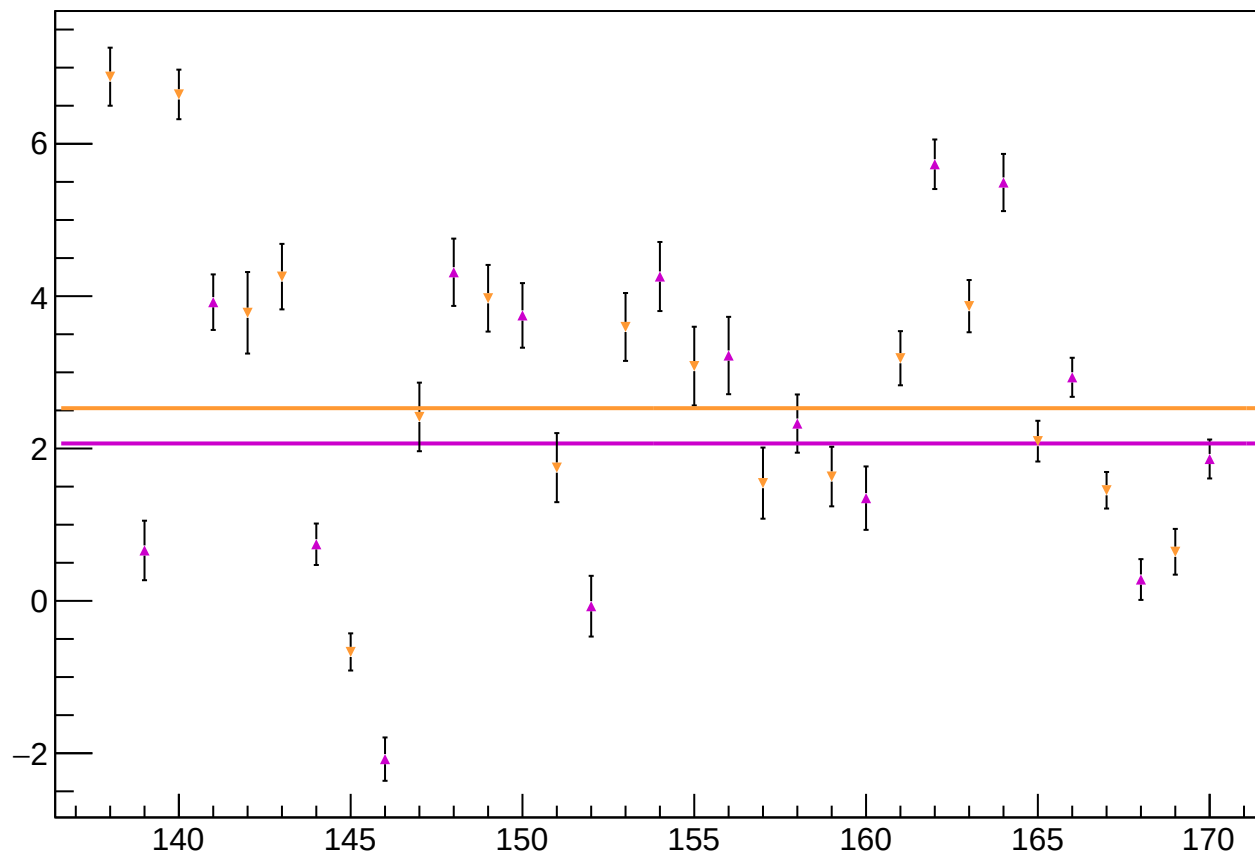
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.118 ± 0.003 χ^2/NDF : 1673.3/32

Out: 0.115 ± 0.003 χ^2/NDF : 1728.7/35

All: 0.117 ± 0.002 χ^2/NDF : 3402.4/68

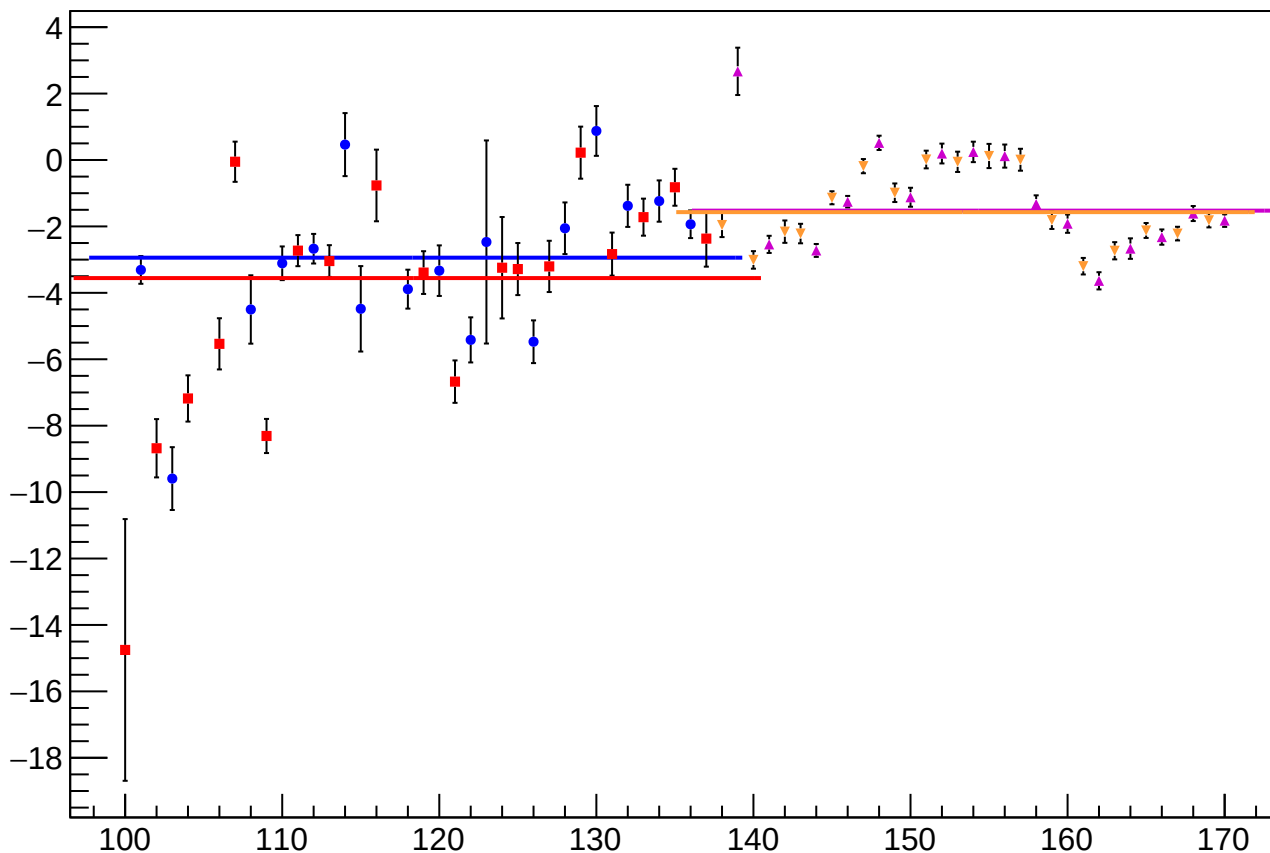
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.529 $\pm$ 0.086 χ^2 /NDF:595.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.066 $\pm$ 0.085 χ^2 /NDF:643.7/15

Left: 2.295 $\pm$ 0.060 χ^2 /NDF: 1254.3/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.066 $\pm$ 0.085 χ^2 /NDF:643.7/15
 Out: 2.529 $\pm$ 0.086 χ^2 /NDF:595.8/16
 All: 2.295 $\pm$ 0.060 χ^2 /NDF: 1254.3/32

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: -1.570 ± 0.063 χ^2/NDF : 275.1/16

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.525 ± 0.062 χ^2/NDF : 368.1/15

Left: -1.547 ± 0.044 χ^2/NDF : 643.4/32

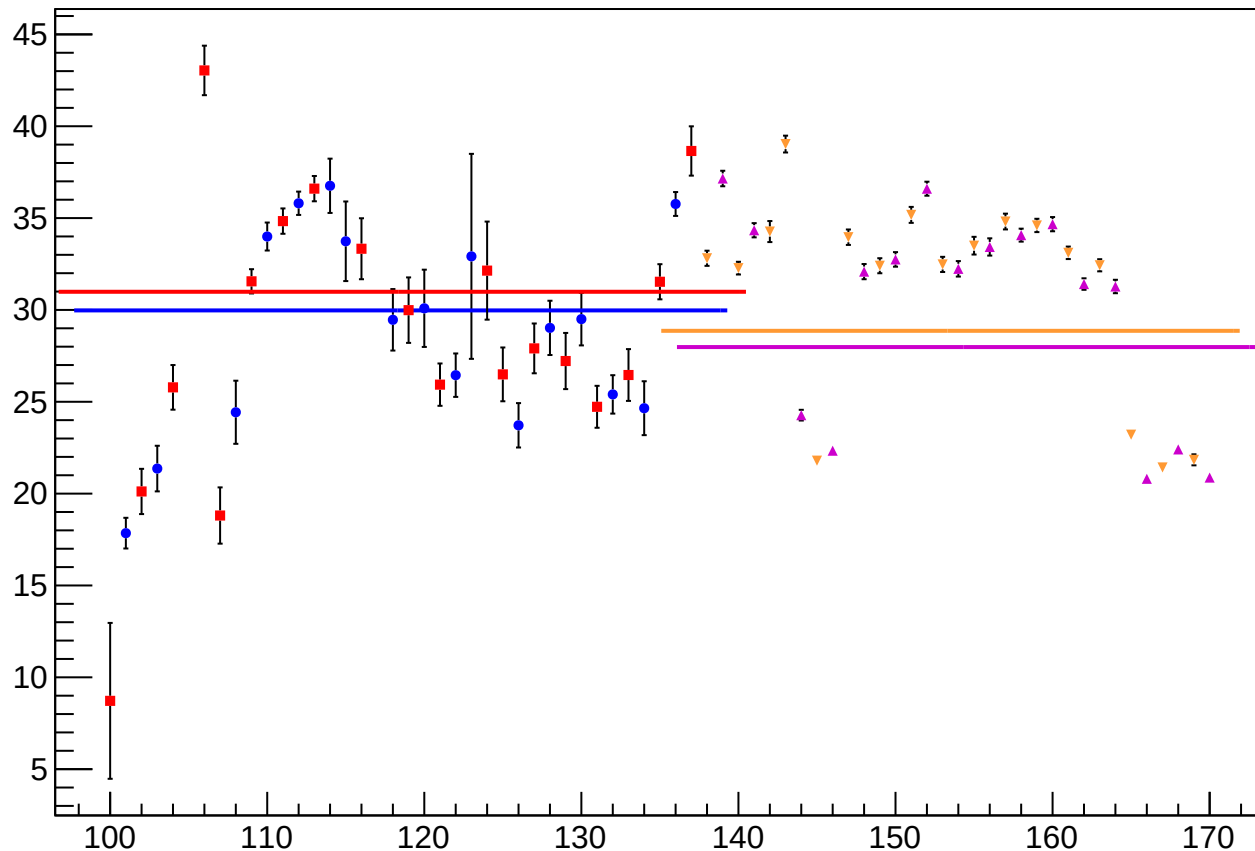
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.723 ± 0.058 χ^2/NDF : 586.3/32

Out: -1.850 ± 0.058 χ^2/NDF : 708.6/35

All: -1.786 ± 0.041 χ^2/NDF : 1297.3/68

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974+/-0.267 χ^2 /NDF: 553.9/16

Left Out: 28.863+/-0.086 χ^2 /NDF: 4744.1/16

Right Out: 30.989+/-0.260 χ^2 /NDF: 481.0/18

Left In: 27.979+/-0.084 χ^2 /NDF: 5069.3/15

Left: 28.411+/-0.060 χ^2 /NDF: 9867.9/32

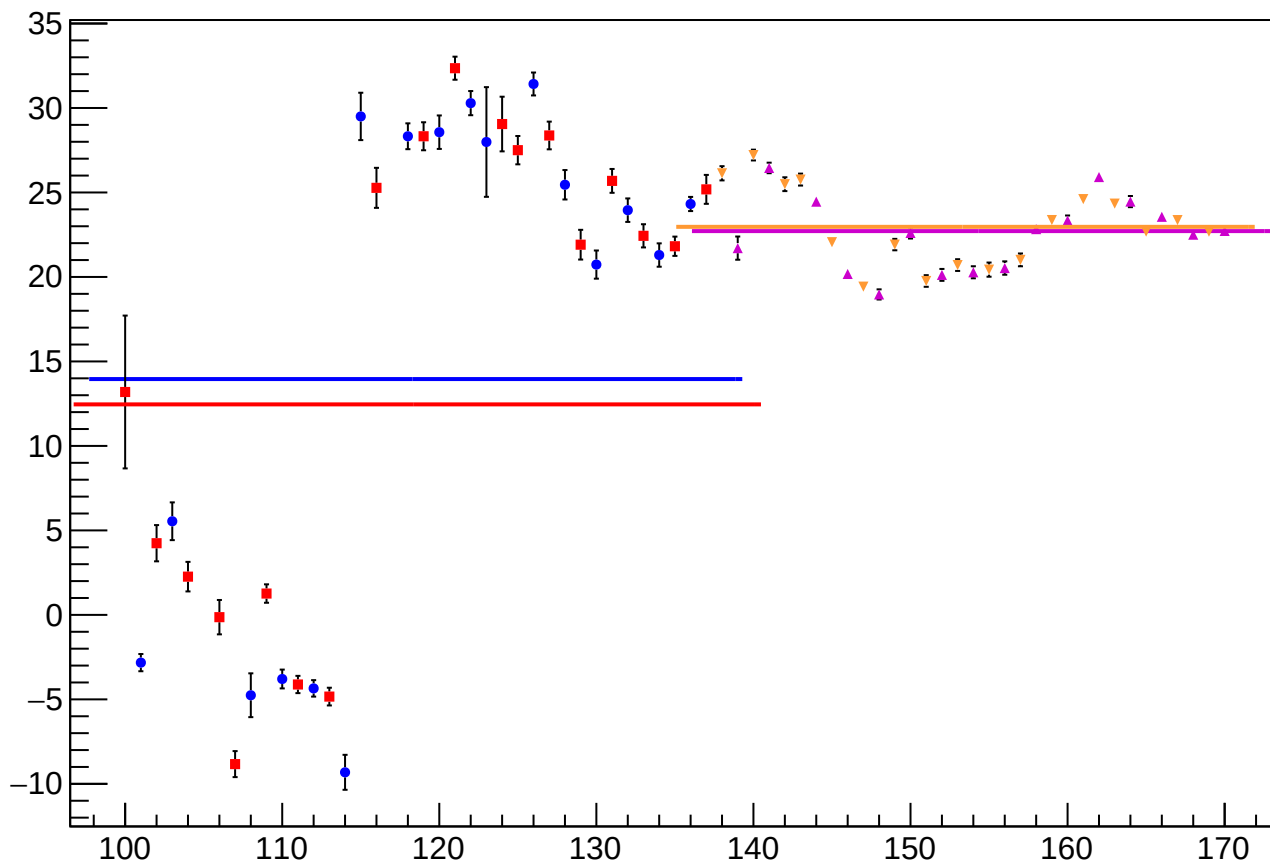
Right: 30.495+/-0.186 χ^2 /NDF: 1042.4/35

In: 28.157+/-0.080 χ^2 /NDF: 5674.0/32

Out: 29.071+/-0.081 χ^2 /NDF: 5285.4/35

All: 28.606+/-0.057 χ^2 /NDF: 11023.7/68

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: 22.966 $\pm$ 0.072 χ^2 /NDF: 767.5/16

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.713 $\pm$ 0.071 χ^2 /NDF: 807.7/15

Left: 22.839 $\pm$ 0.051 χ^2 /NDF: 1581.4/32

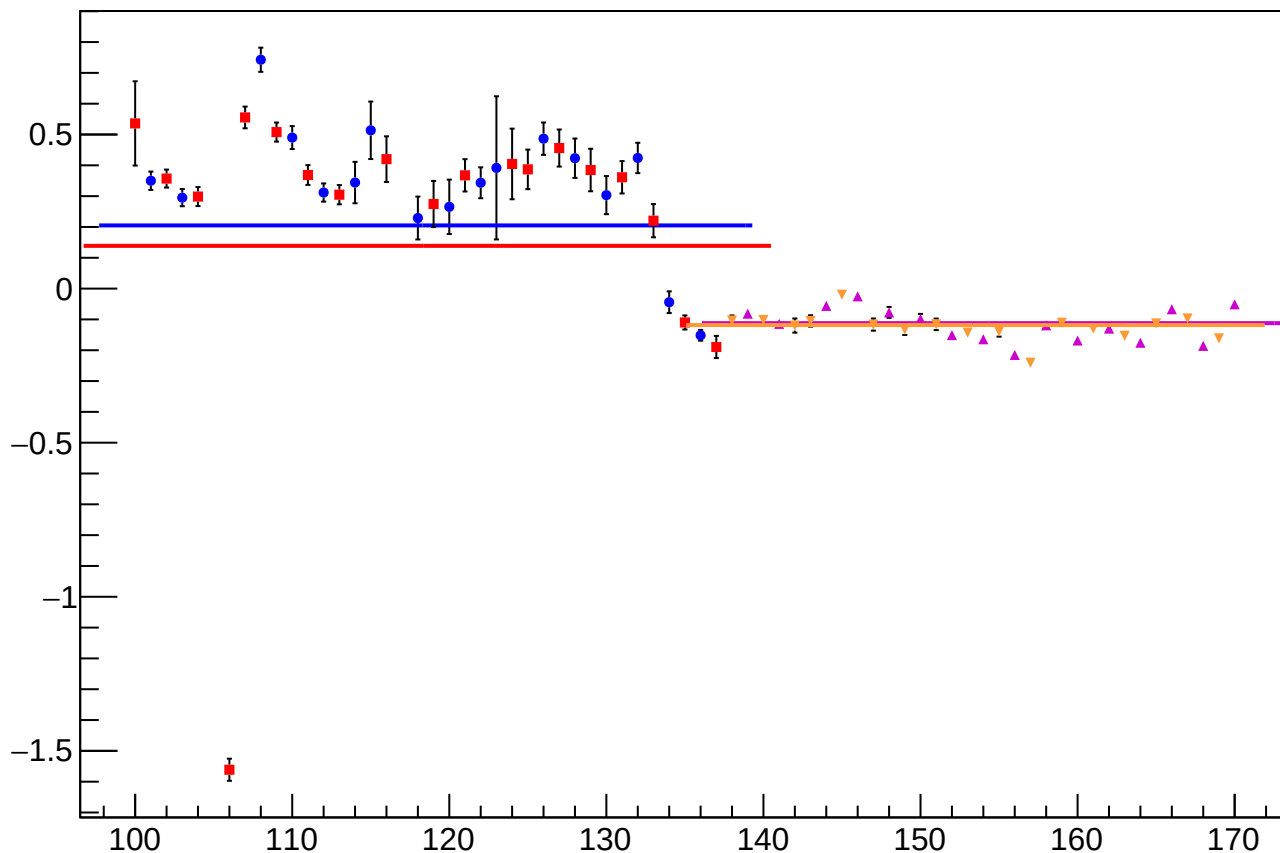
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.428 $\pm$ 0.066 χ^2 /NDF: 10360.0/32

Out: 21.428 $\pm$ 0.066 χ^2 /NDF: 10874.6/35

All: 21.428 $\pm$ 0.047 χ^2 /NDF: 21234.5/68

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.118 ± 0.003 $\chi^2/\text{NDF}: 200.7/16$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.112 ± 0.003 $\chi^2/\text{NDF}: 284.6/15$

Left: -0.115 ± 0.002 $\chi^2/\text{NDF}: 487.0/32$

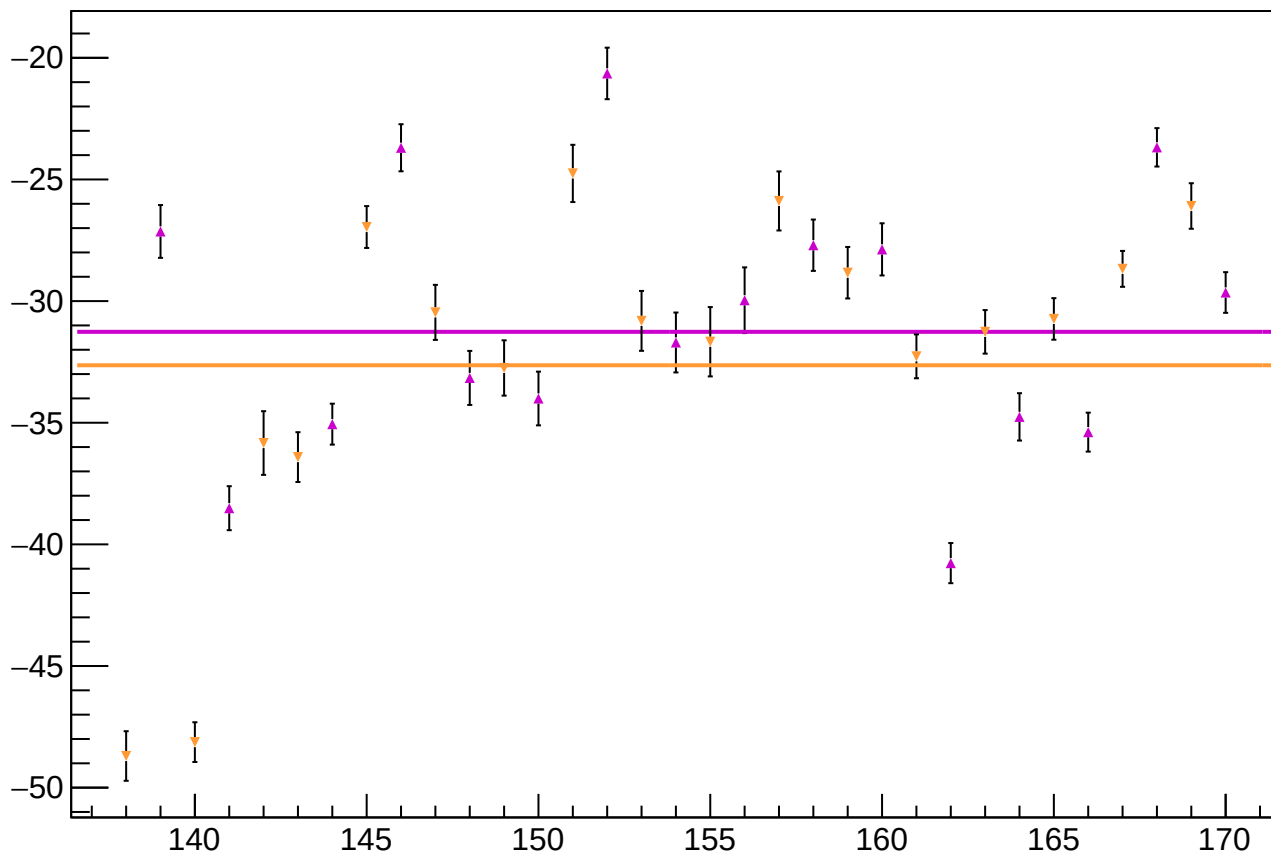
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.077 ± 0.003 $\chi^2/\text{NDF}: 2150.0/32$

Out: -0.088 ± 0.003 $\chi^2/\text{NDF}: 3907.3/35$

All: -0.083 ± 0.002 $\chi^2/\text{NDF}: 6063.7/68$

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: -32.637 $\pm$ 0.241 χ^2/NDF :851.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.263 $\pm$ 0.241 χ^2/NDF :560.5/15

Left: -31.950 $\pm$ 0.171 χ^2/NDF : 1428.5/32

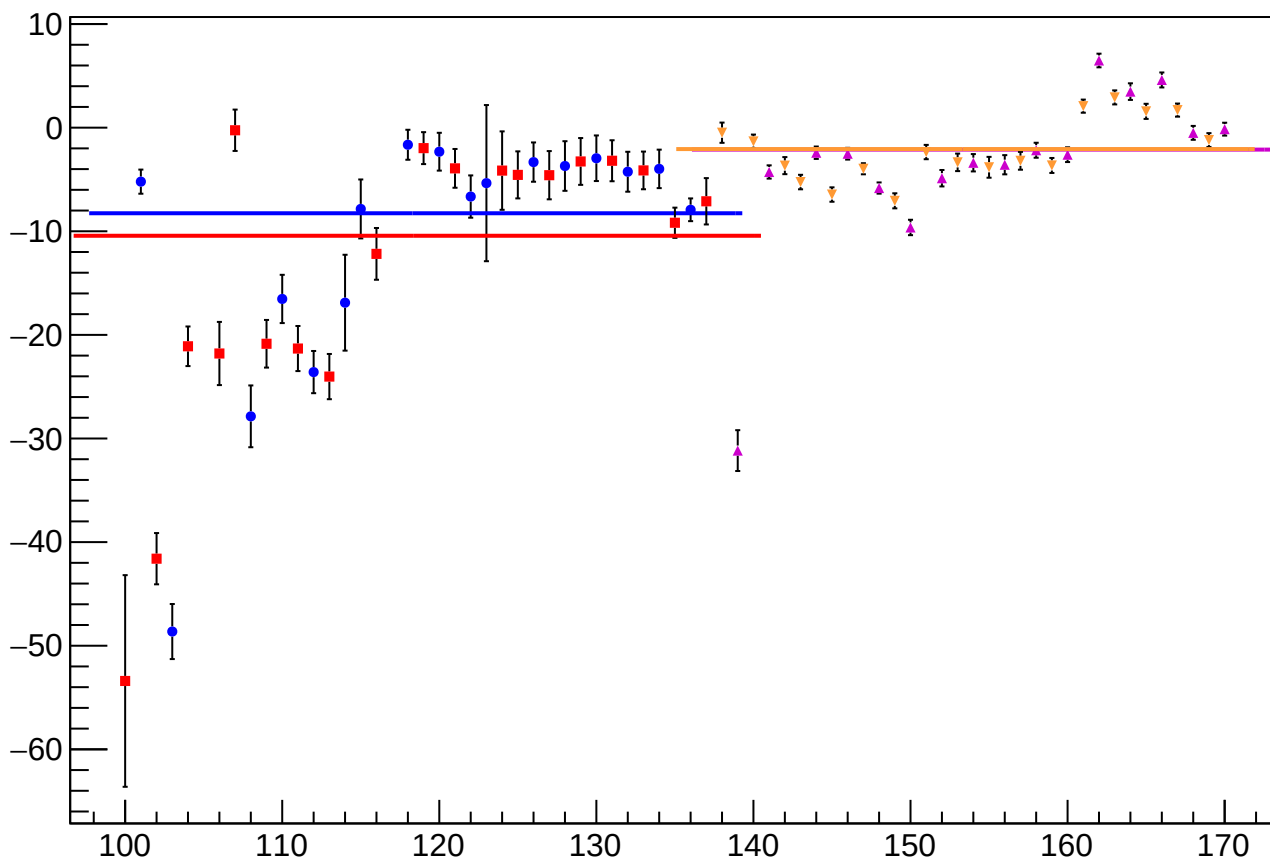
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.263 $\pm$ 0.241 χ^2/NDF :560.5/15

Out: -32.637 $\pm$ 0.241 χ^2/NDF :851.8/16

All: -31.950 $\pm$ 0.171 χ^2/NDF : 1428.5/32

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: -2.067 ± 0.173 $\chi^2/\text{NDF}: 298.7/16$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.118 ± 0.175 $\chi^2/\text{NDF}: 717.8/15$

Left: -2.092 ± 0.123 $\chi^2/\text{NDF}: 1016.5/32$

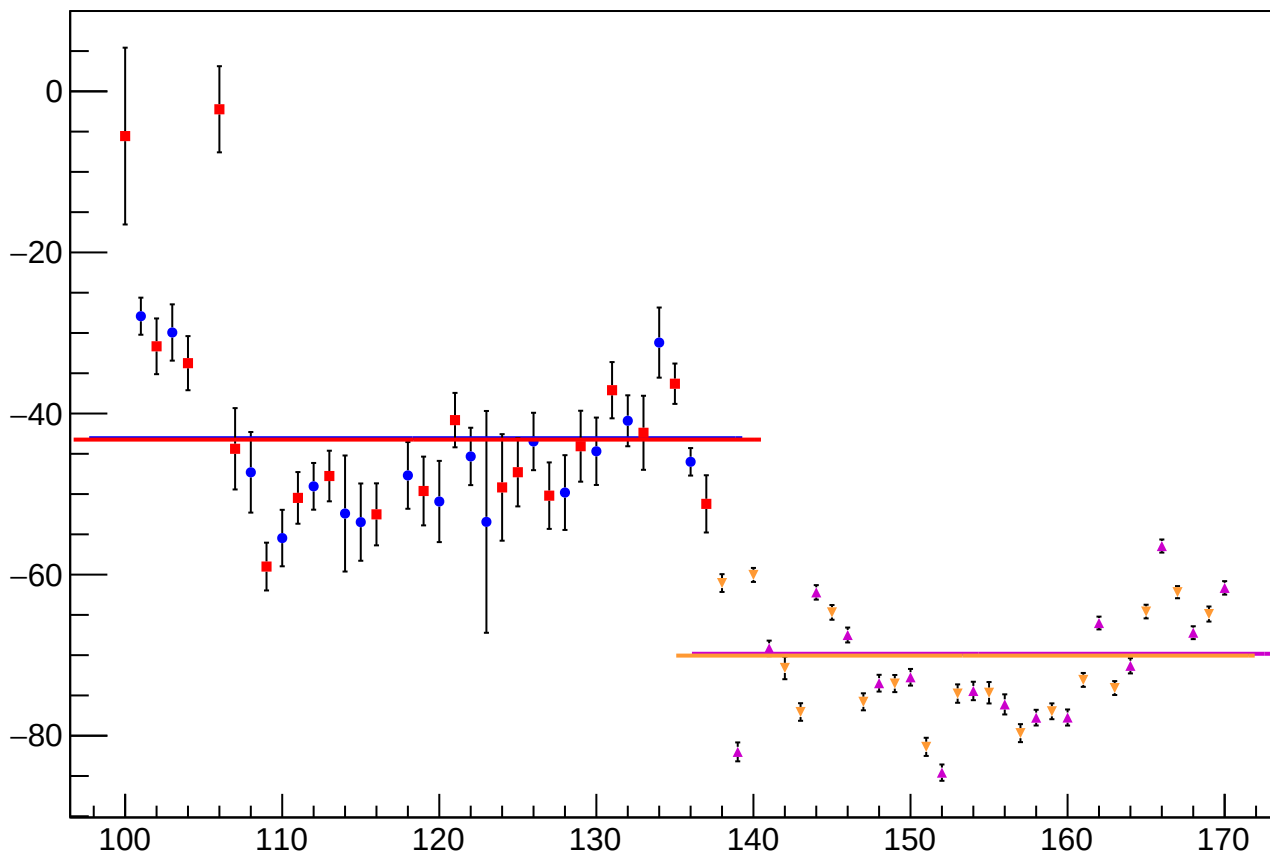
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -2.891 ± 0.164 $\chi^2/\text{NDF}: 1283.8/32$

Out: -2.994 ± 0.163 $\chi^2/\text{NDF}: 985.9/35$

All: -2.943 ± 0.116 $\chi^2/\text{NDF}: 2269.9/68$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -70.053 ± 0.240 χ^2/NDF : 784.8/16

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -69.827 ± 0.238 χ^2/NDF : 991.1/15

Left: -69.939 ± 0.169 χ^2/NDF : 1776.3/32

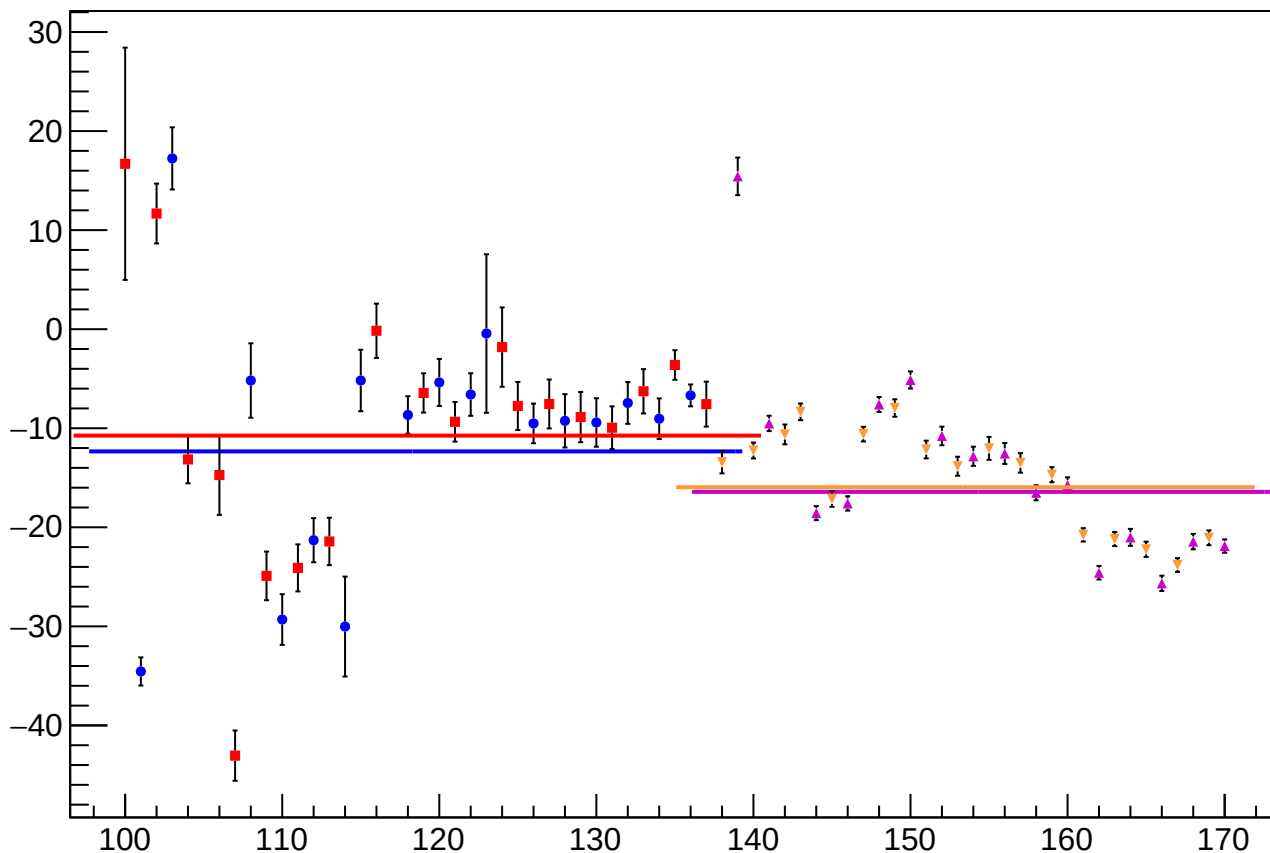
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -67.822 ± 0.229 χ^2/NDF : 2039.7/32

Out: -68.144 ± 0.231 χ^2/NDF : 1829.5/35

All: -67.981 ± 0.163 χ^2/NDF : 3870.2/68

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -15.951 ± 0.200 $\chi^2/\text{NDF}: 662.6/16$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -16.424 ± 0.202 $\chi^2/\text{NDF}: 1165.1/15$

Left: -16.185 ± 0.142 $\chi^2/\text{NDF}: 1830.4/32$

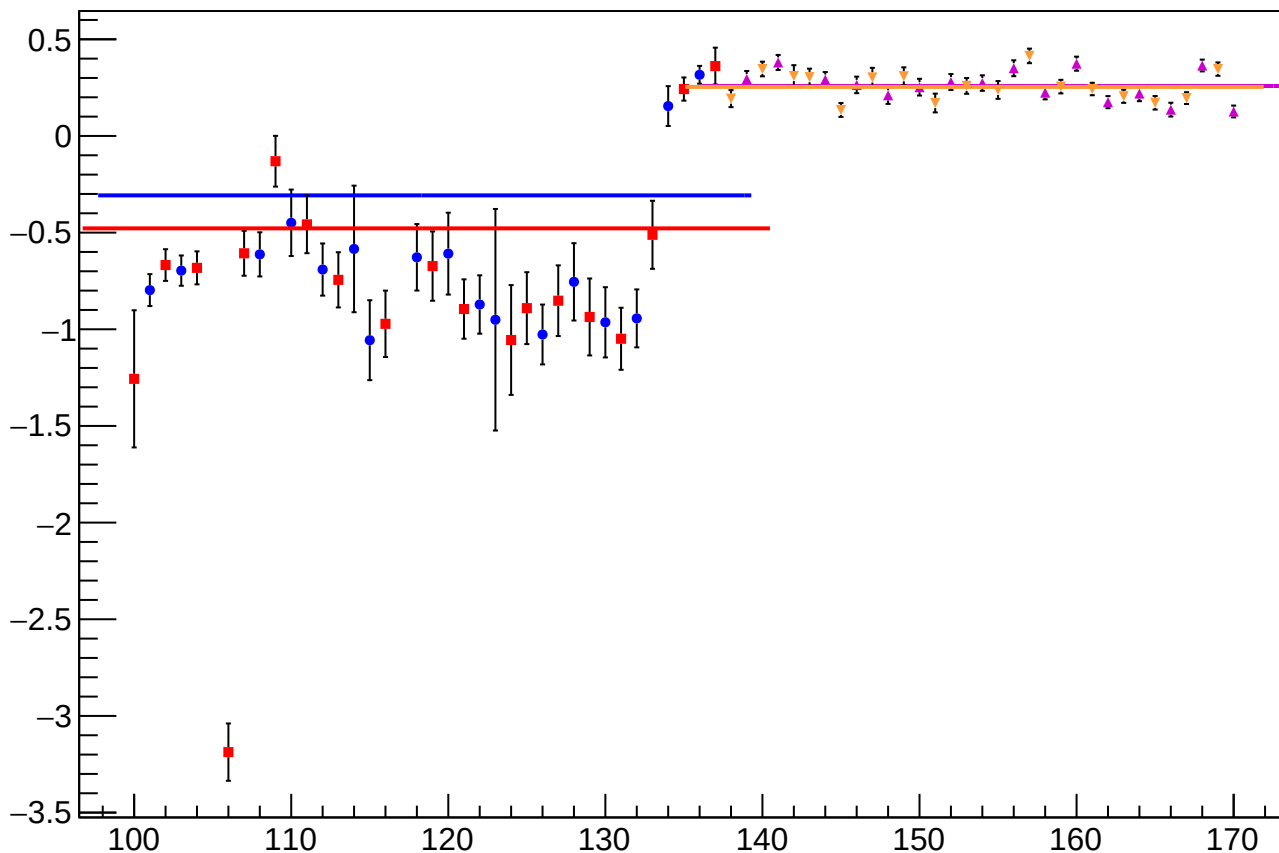
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -15.887 ± 0.189 $\chi^2/\text{NDF}: 1693.9/32$

Out: -15.348 ± 0.188 $\chi^2/\text{NDF}: 1107.8/35$

All: -15.617 ± 0.133 $\chi^2/\text{NDF}: 2805.8/68$

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: 0.254 ± 0.009 χ^2/NDF : 63.1/16

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/15

Left: 0.256 ± 0.007 χ^2/NDF : 142.5/32

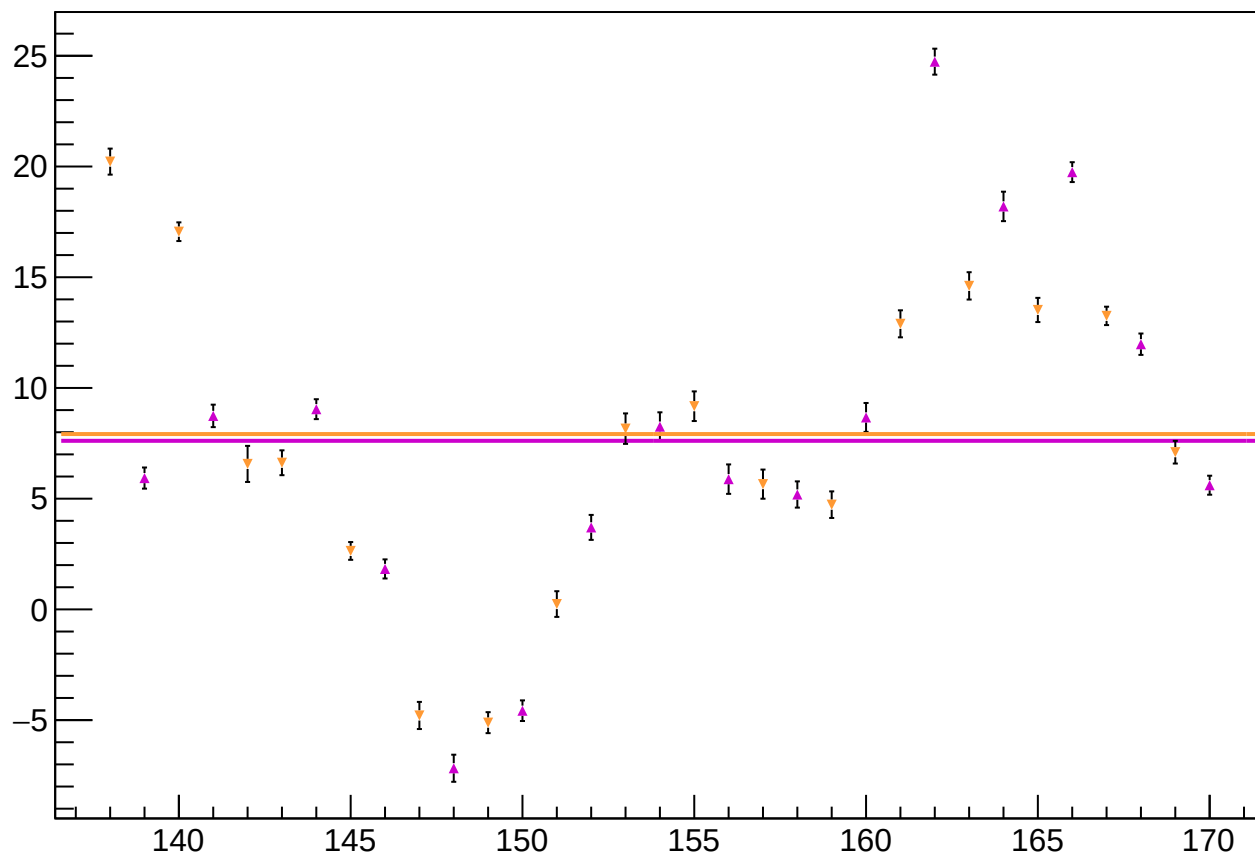
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.200 ± 0.009 χ^2/NDF : 830.3/32

Out: 0.182 ± 0.009 χ^2/NDF : 1287.6/35

All: 0.191 ± 0.006 χ^2/NDF : 2120.0/68

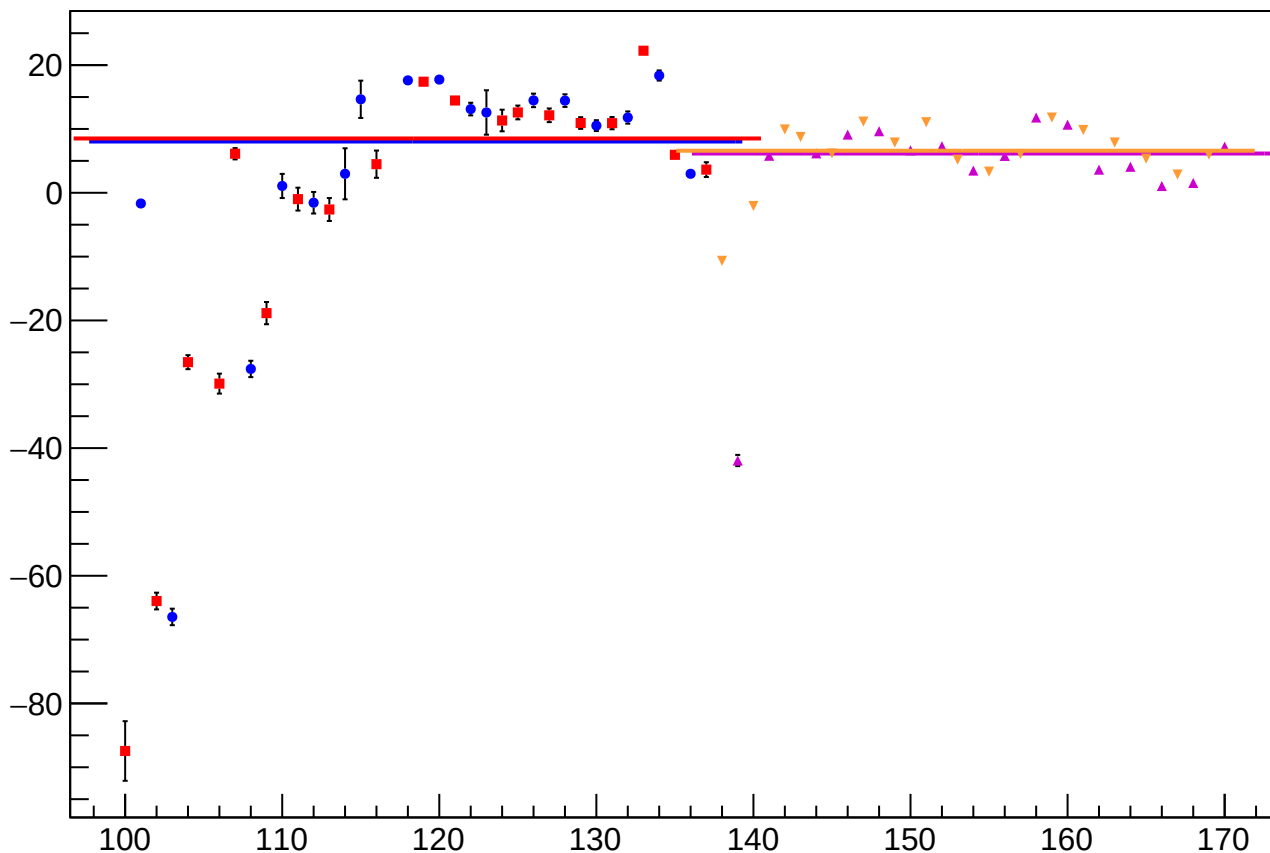
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.918+/-0.132 χ^2/NDF :2951.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.613+/-0.130 χ^2/NDF :3490.7/15

Left: 7.763+/-0.093 χ^2/NDF : 6444.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.613+/-0.130 χ^2/NDF :3490.7/15
 Out: 7.918+/-0.132 χ^2/NDF :2951.2/16
 All: 7.763+/-0.093 χ^2/NDF : 6444.6/32

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.589 ± 0.095 χ^2/NDF : 2350.8/16

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.151 ± 0.096 χ^2/NDF : 3926.0/15

Left: 6.372 ± 0.067 χ^2/NDF : 6287.3/32

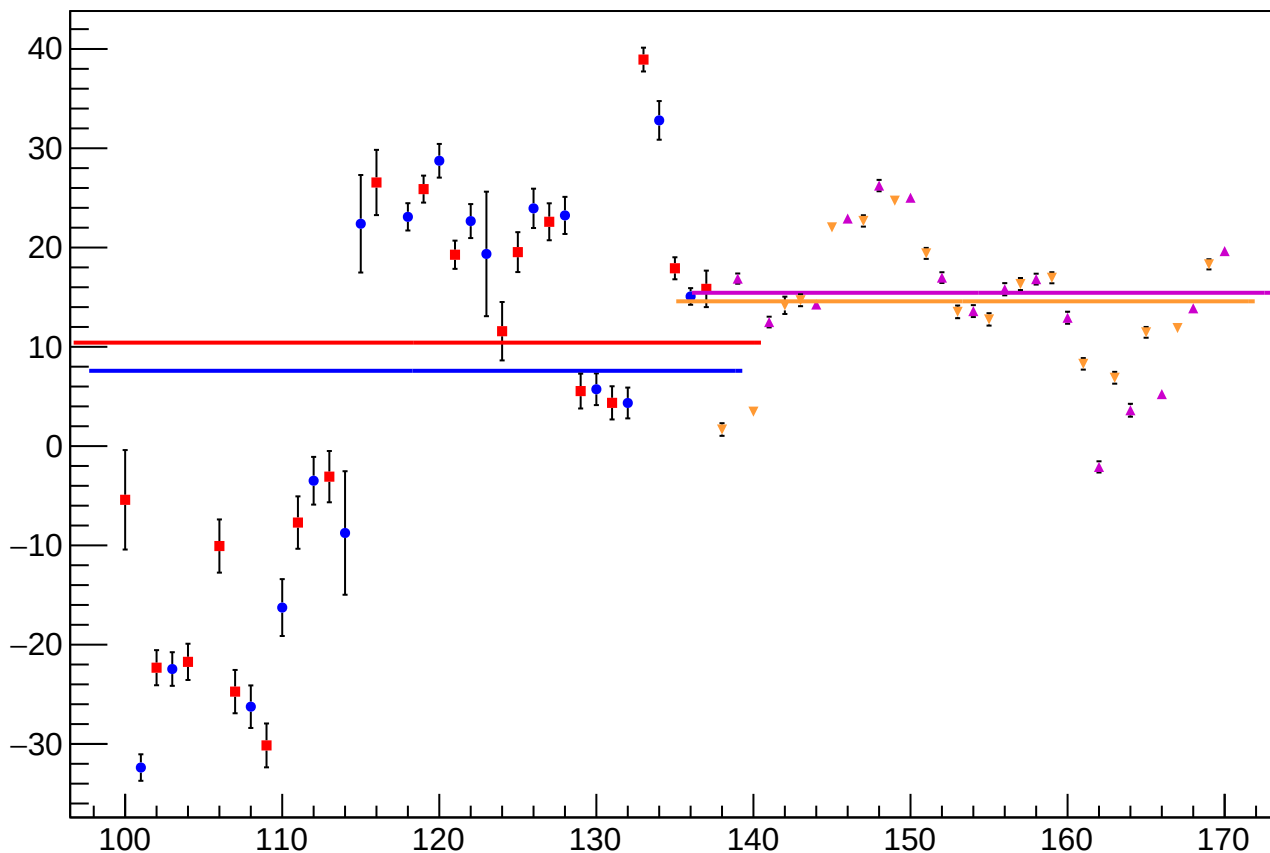
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.463 ± 0.088 χ^2/NDF : 9360.1/32

Out: 6.908 ± 0.087 χ^2/NDF : 9131.9/35

All: 6.687 ± 0.062 χ^2/NDF : 18505.0/68

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 14.584 ± 0.131 $\chi^2/\text{NDF}: 2578.1/16$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 15.444 ± 0.129 $\chi^2/\text{NDF}: 3149.0/15$

Left: 15.023 ± 0.092 $\chi^2/\text{NDF}: 5749.0/32$

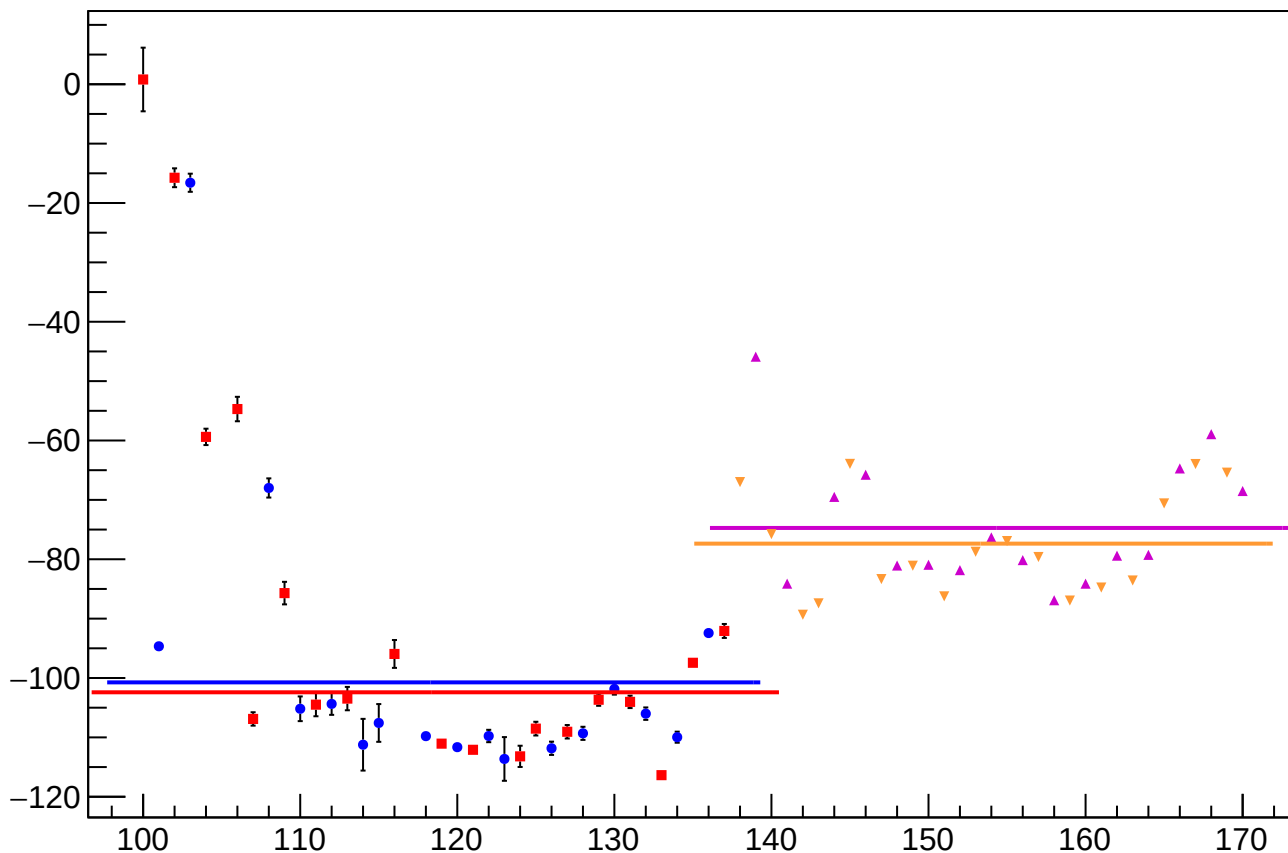
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 14.759 ± 0.123 $\chi^2/\text{NDF}: 5797.1/32$

Out: 14.207 ± 0.125 $\chi^2/\text{NDF}: 4958.6/35$

All: 14.488 ± 0.088 $\chi^2/\text{NDF}: 10765.6/68$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -77.369 ± 0.111 χ^2/NDF : 6220.6/16

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -74.728 ± 0.111 χ^2/NDF : 6637.7/15

Left: -76.049 ± 0.078 χ^2/NDF : 13143.6/32

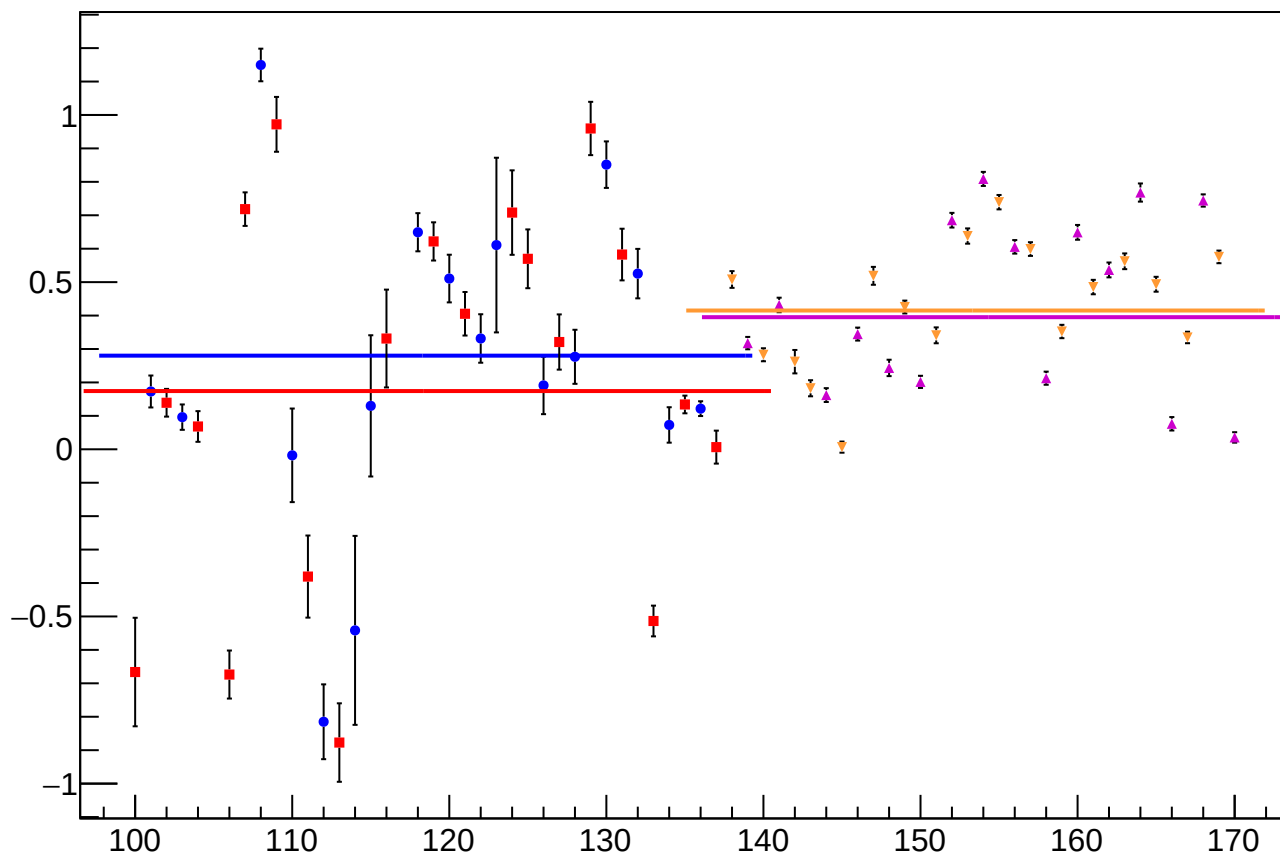
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -79.034 ± 0.101 χ^2/NDF : 20312.8/32

Out: -81.578 ± 0.101 χ^2/NDF : 20937.2/35

All: -80.309 ± 0.071 χ^2/NDF : 41567.8/68

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: 0.415+/-0.005 χ^2/NDF :1367.0/16

Right Out: 0.174+/-0.013 χ^2/NDF : 964.1/18

Left In: 0.395+/-0.005 χ^2/NDF :2561.1/15

Left: 0.405+/-0.004 χ^2/NDF : 3935.7/32

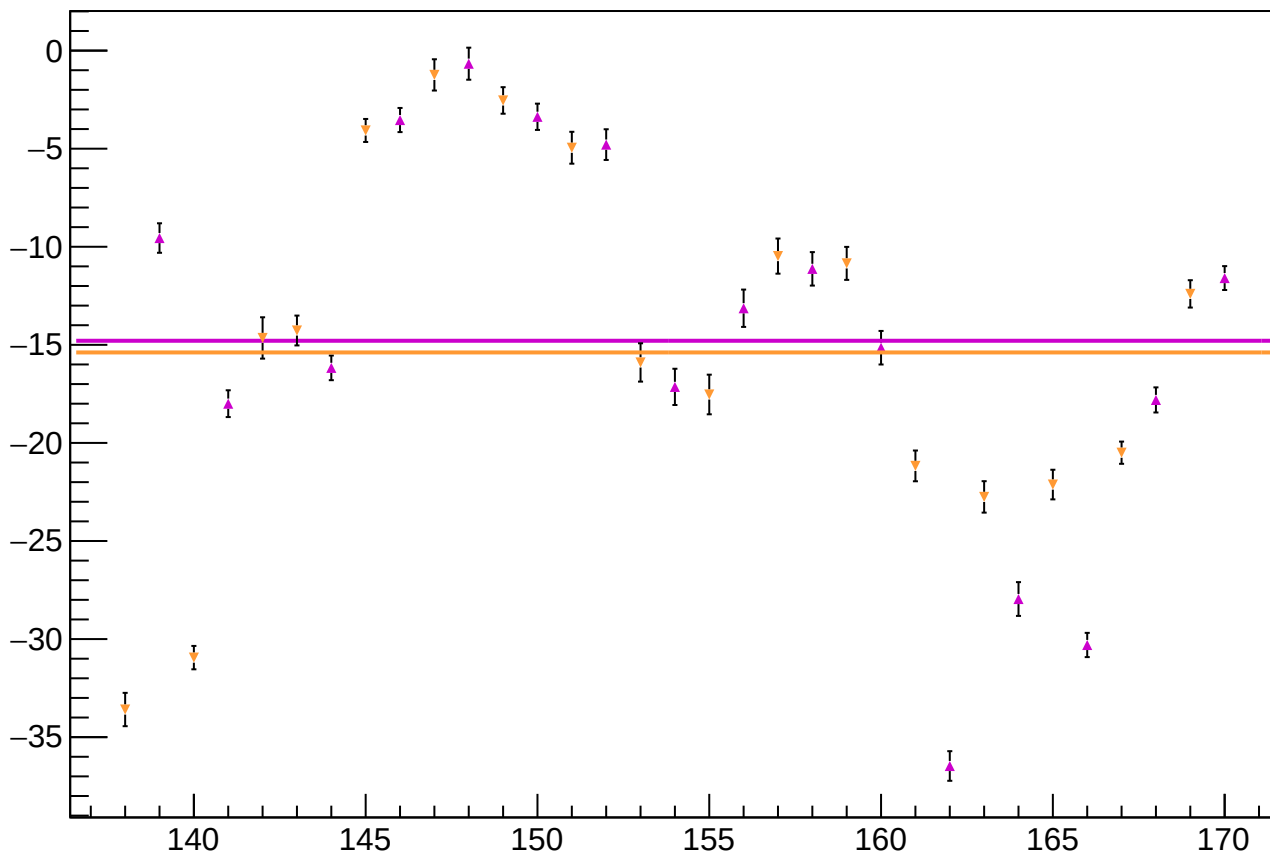
Right: 0.227+/-0.010 χ^2/NDF : 1651.4/35

In: 0.381+/-0.005 χ^2/NDF :3281.4/32

Out: 0.384+/-0.005 χ^2/NDF :2611.0/35

All: 0.382+/-0.003 χ^2/NDF : 5892.6/68

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



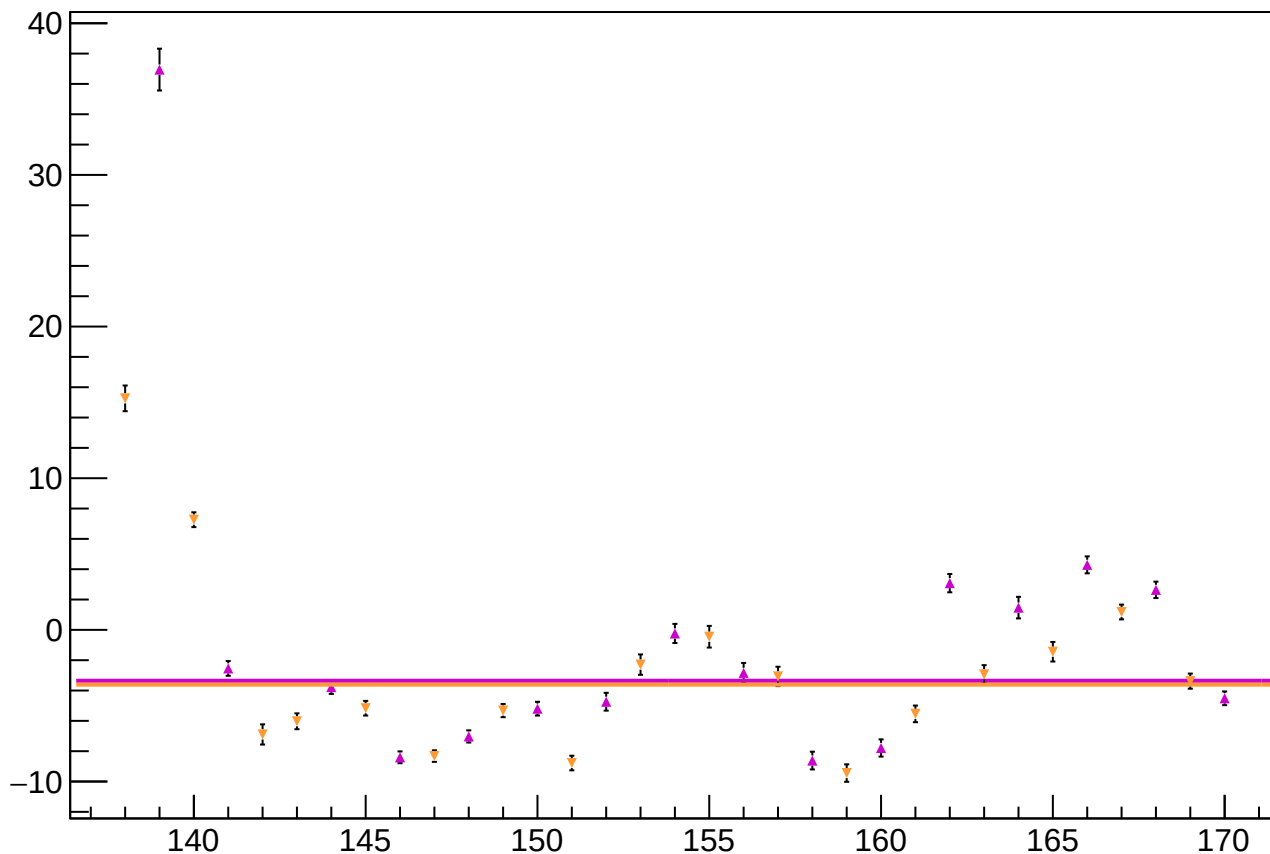
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.388 ± 0.183 $\chi^2/\text{NDF}: 2737.7/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.792 ± 0.182 $\chi^2/\text{NDF}: 2928.8/15$

Left: -15.087 ± 0.129 $\chi^2/\text{NDF}: 5671.9/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.792 ± 0.182 $\chi^2/\text{NDF}: 2928.8/15$
 Out: -15.388 ± 0.183 $\chi^2/\text{NDF}: 2737.7/16$

All: -15.087 ± 0.129 $\chi^2/\text{NDF}: 5671.9/32$

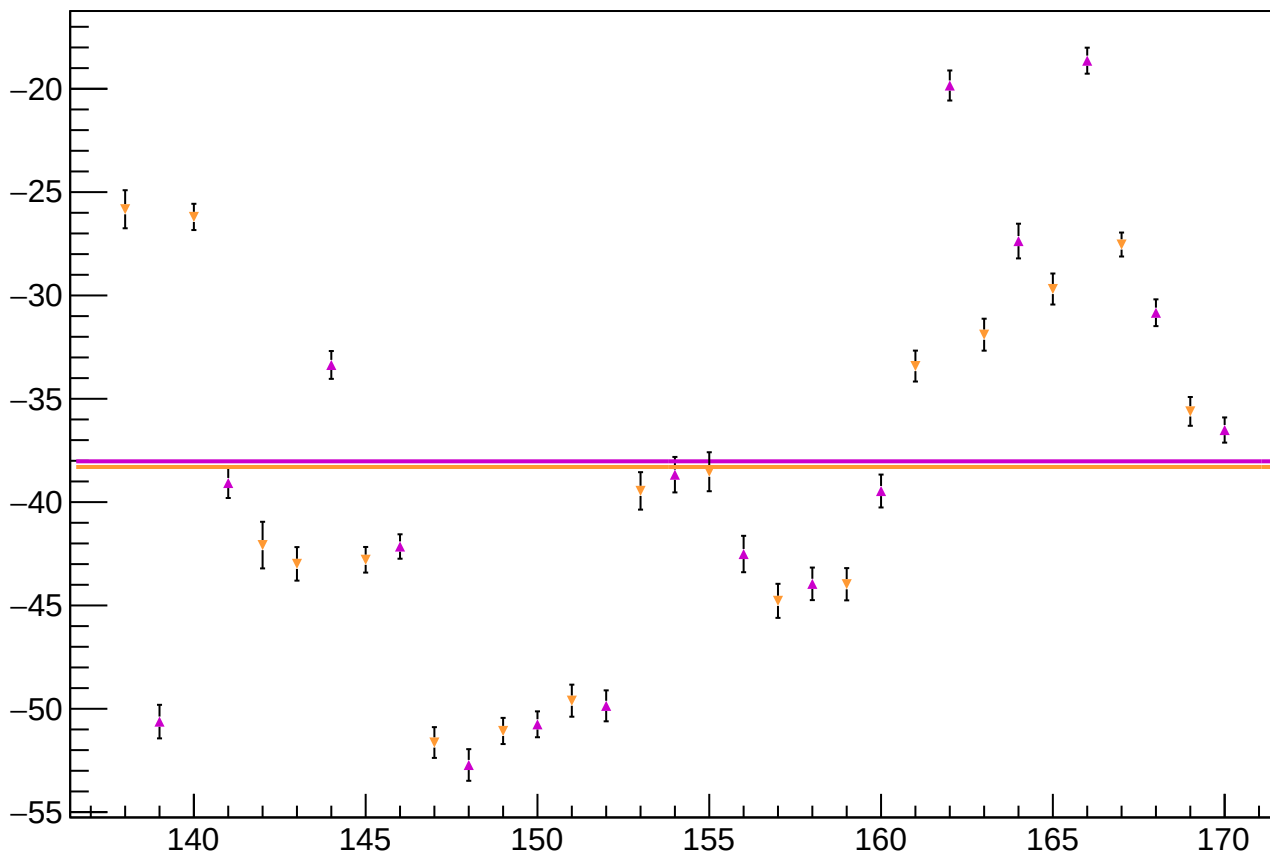
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.614+/-0.131 χ^2/NDF :1579.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.354+/-0.132 χ^2/NDF :1773.8/15

Left: -3.485+/-0.093 χ^2/NDF : 3354.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.354+/-0.132 χ^2/NDF :1773.8/15
 Out: -3.614+/-0.131 χ^2/NDF :1579.0/16
 All: -3.485+/-0.093 χ^2/NDF : 3354.8/32

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: -38.300+/-0.182 χ^2/NDF :2302.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Left: -38.161+/-0.128 χ^2/NDF : 5624.5/32

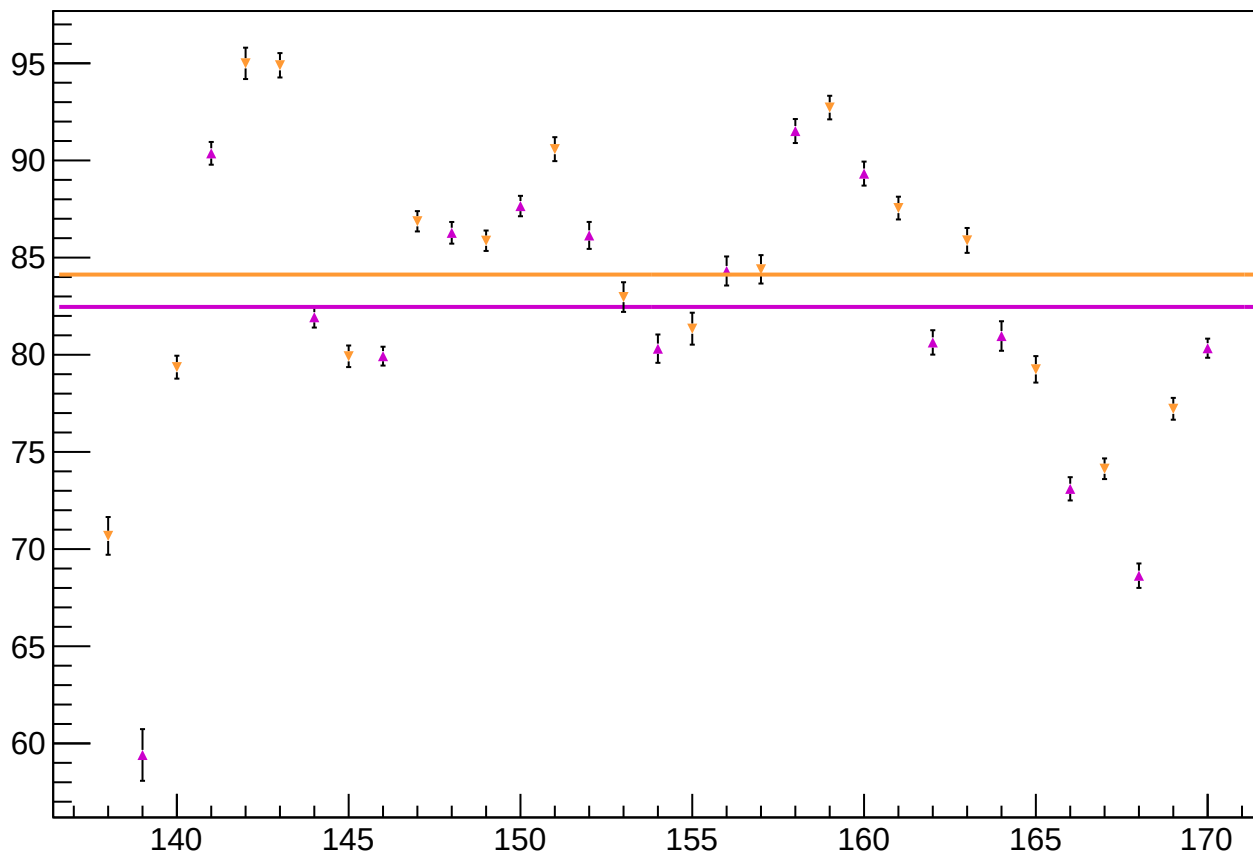
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Out: -38.300+/-0.182 χ^2/NDF :2302.6/16

All: -38.161+/-0.128 χ^2/NDF : 5624.5/32

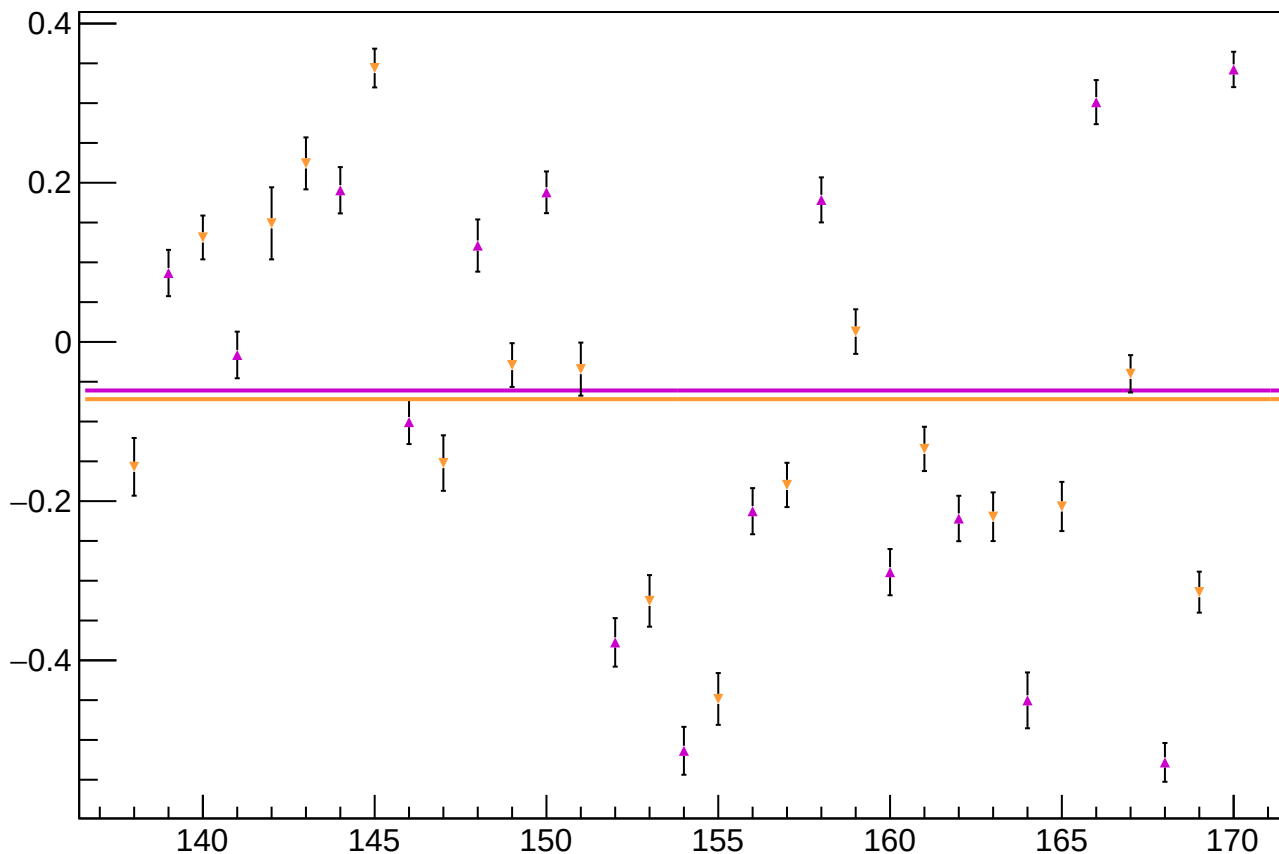
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.127+/-0.152 χ^2/NDF :1750.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 82.463+/-0.153 χ^2/NDF :1795.4/15

Left: 83.298+/-0.108 χ^2/NDF : 3605.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 82.463+/-0.153 χ^2/NDF :1795.4/15
 Out: 84.127+/-0.152 χ^2/NDF :1750.1/16
 All: 83.298+/-0.108 χ^2/NDF : 3605.1/32

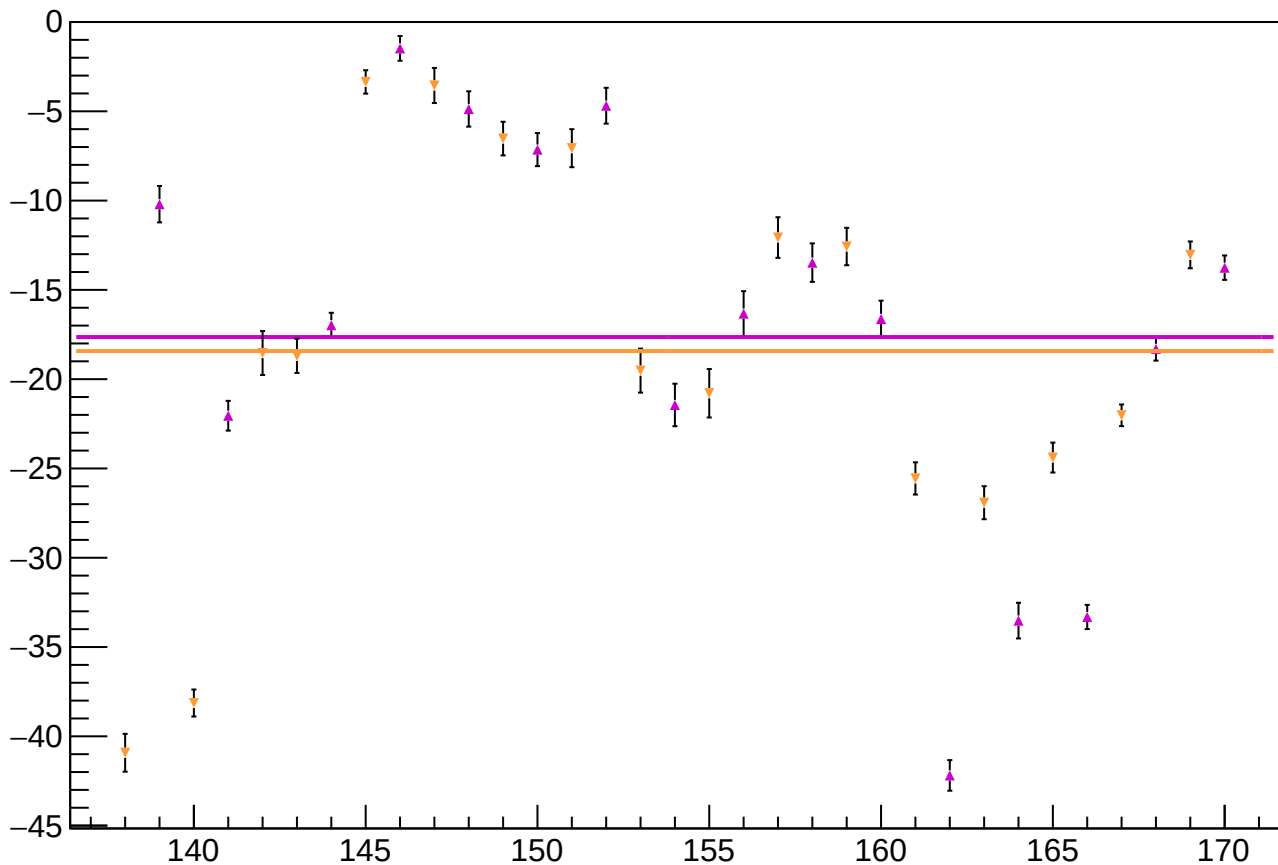
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.072+/-0.007 χ^2/NDF :824.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.061+/-0.007 χ^2/NDF :1744.0/15

Left: -0.066+/-0.005 χ^2/NDF : 2569.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.061+/-0.007 χ^2/NDF :1744.0/15
 Out: -0.072+/-0.007 χ^2/NDF :824.5/16
 All: -0.066+/-0.005 χ^2/NDF : 2569.6/32

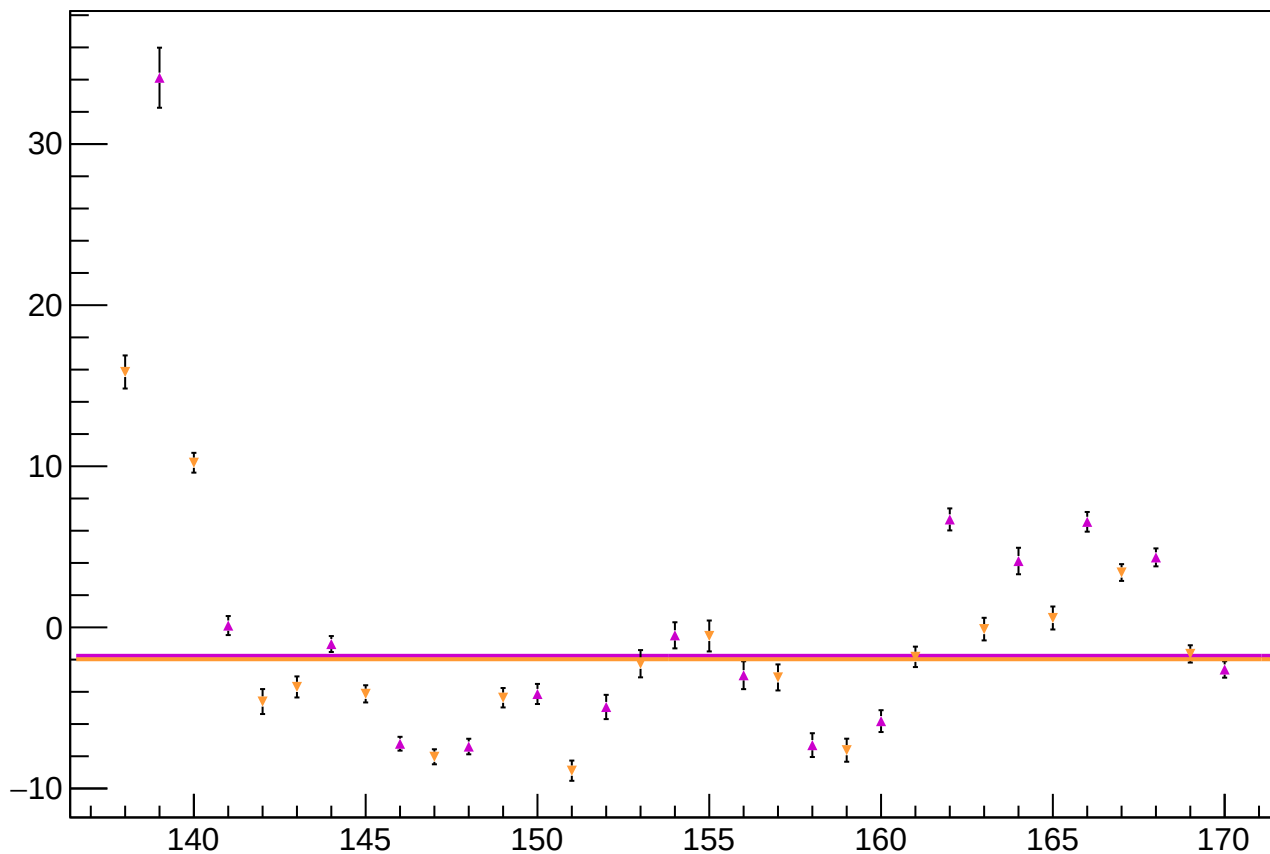
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -18.427 ± 0.218 $\chi^2/\text{NDF}: 2512.7/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -17.641 ± 0.214 $\chi^2/\text{NDF}: 2758.7/15$

Left: -18.026 ± 0.153 $\chi^2/\text{NDF}: 5278.1/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -17.641 ± 0.214 $\chi^2/\text{NDF}: 2758.7/15$
 Out: -18.427 ± 0.218 $\chi^2/\text{NDF}: 2512.7/16$
 All: -18.026 ± 0.153 $\chi^2/\text{NDF}: 5278.1/32$

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



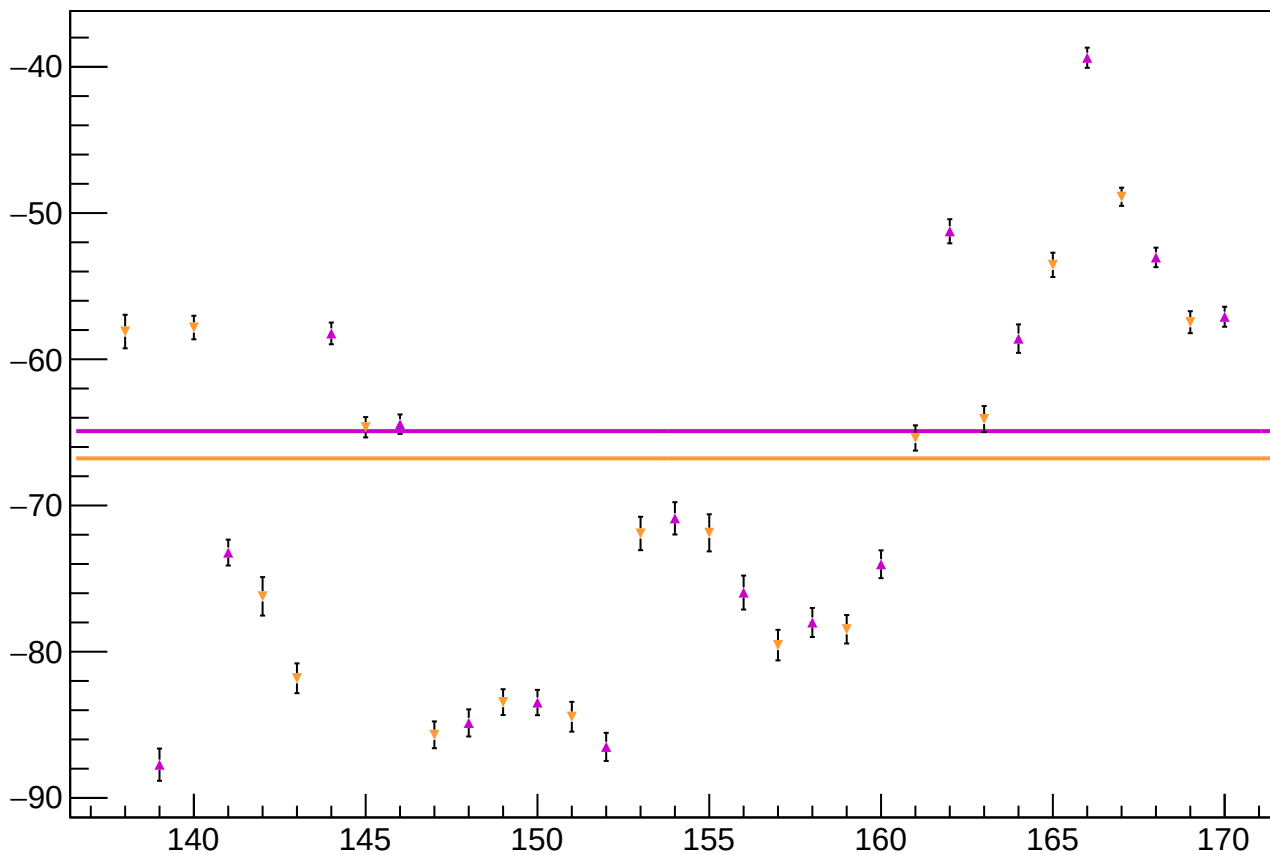
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.978+/-0.157 χ^2/NDF :1229.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.765+/-0.155 χ^2/NDF :1321.8/15

Left: -1.870+/-0.110 χ^2/NDF : 2552.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.765+/-0.155 χ^2/NDF :1321.8/15
 Out: -1.978+/-0.157 χ^2/NDF :1229.8/16

All: -1.870+/-0.110 χ^2/NDF : 2552.6/32

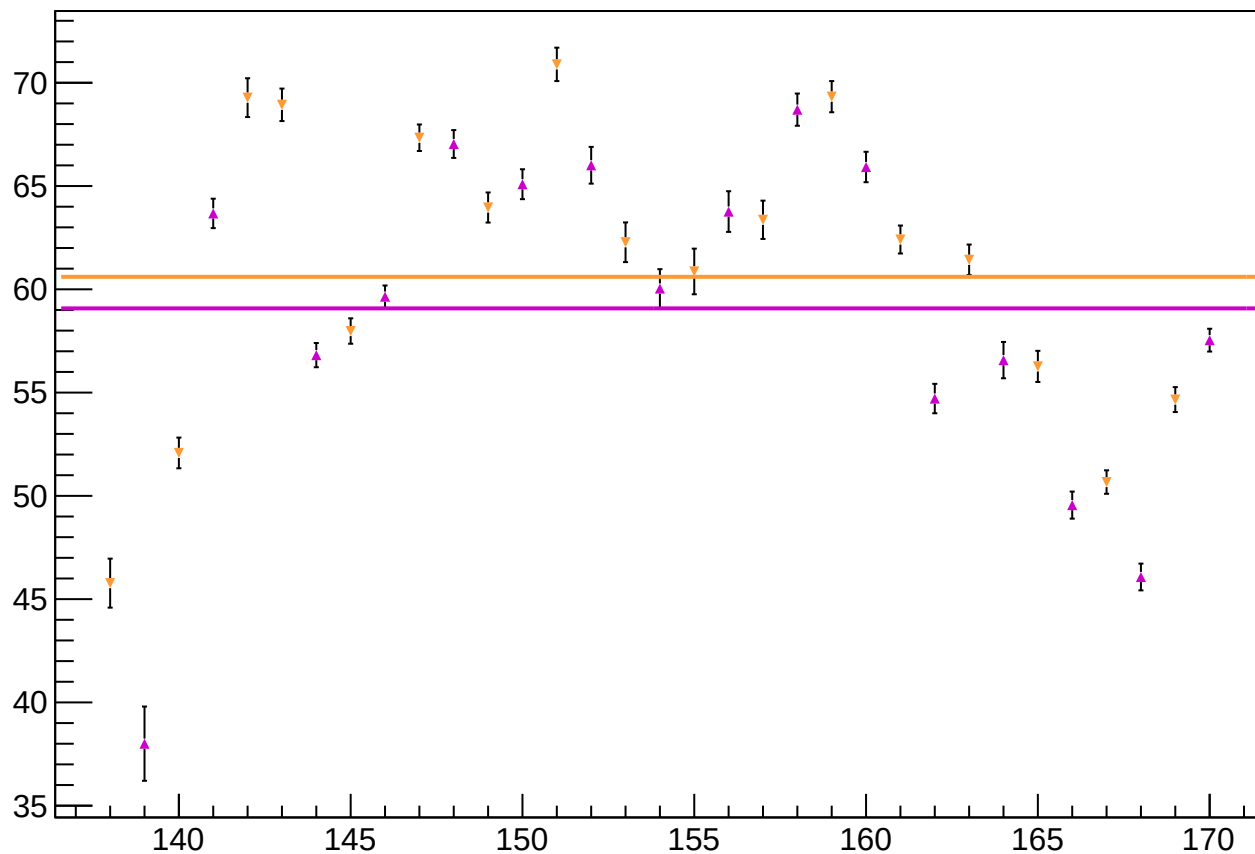
reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -66.775+/-0.218 χ^2 /NDF:3123.7/16
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -64.915+/-0.211 χ^2 /NDF:4545.5/15

Left: -65.817+/-0.151 χ^2 /NDF: 7706.8/32
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -64.915+/-0.211 χ^2 /NDF:4545.5/15
 Out: -66.775+/-0.218 χ^2 /NDF:3123.7/16
 All: -65.817+/-0.151 χ^2 /NDF: 7706.8/32

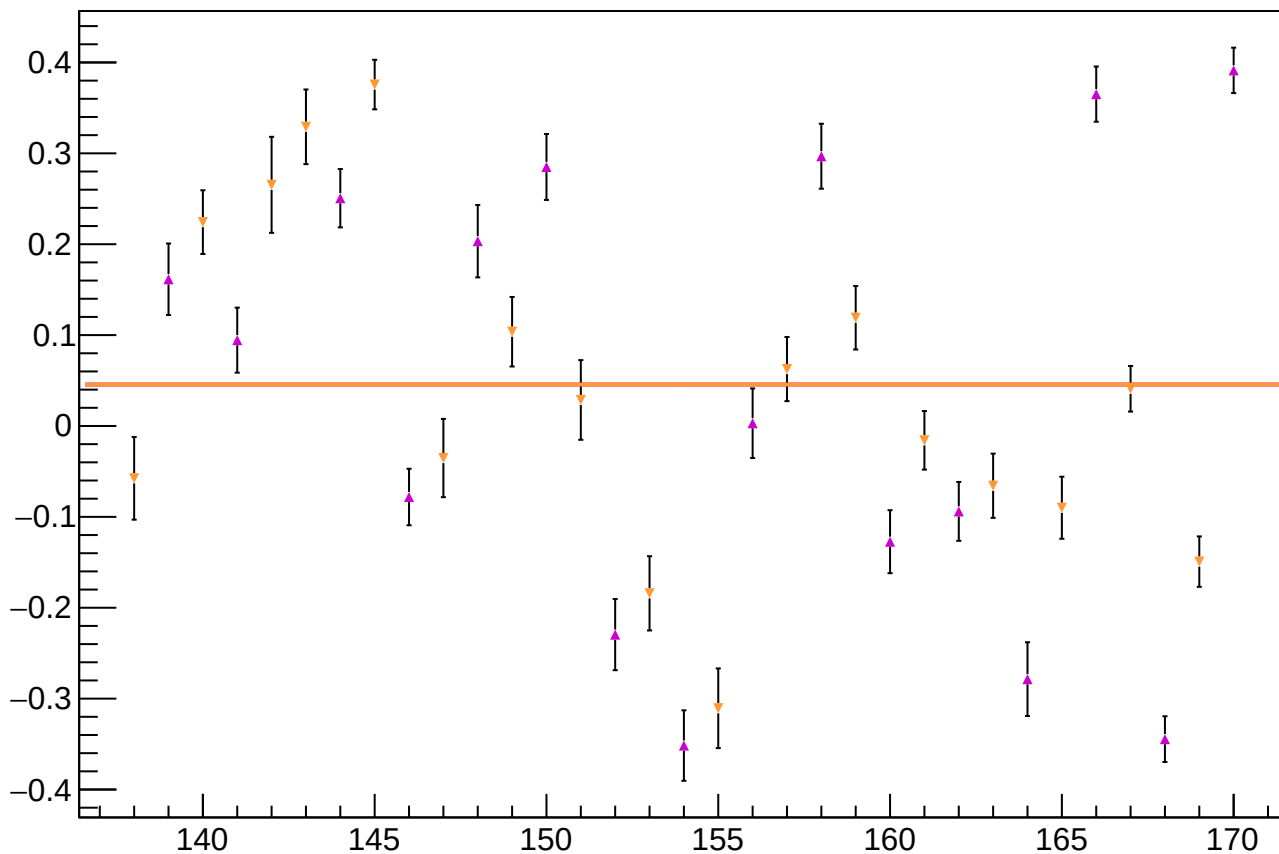
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 60.606+/-0.182 χ^2/NDF :1386.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 59.076+/-0.180 χ^2/NDF :1394.4/15

Left: 59.832+/-0.128 χ^2/NDF : 2816.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 59.076+/-0.180 χ^2/NDF :1394.4/15
 Out: 60.606+/-0.182 χ^2/NDF :1386.4/16
 All: 59.832+/-0.128 χ^2/NDF : 2816.5/32

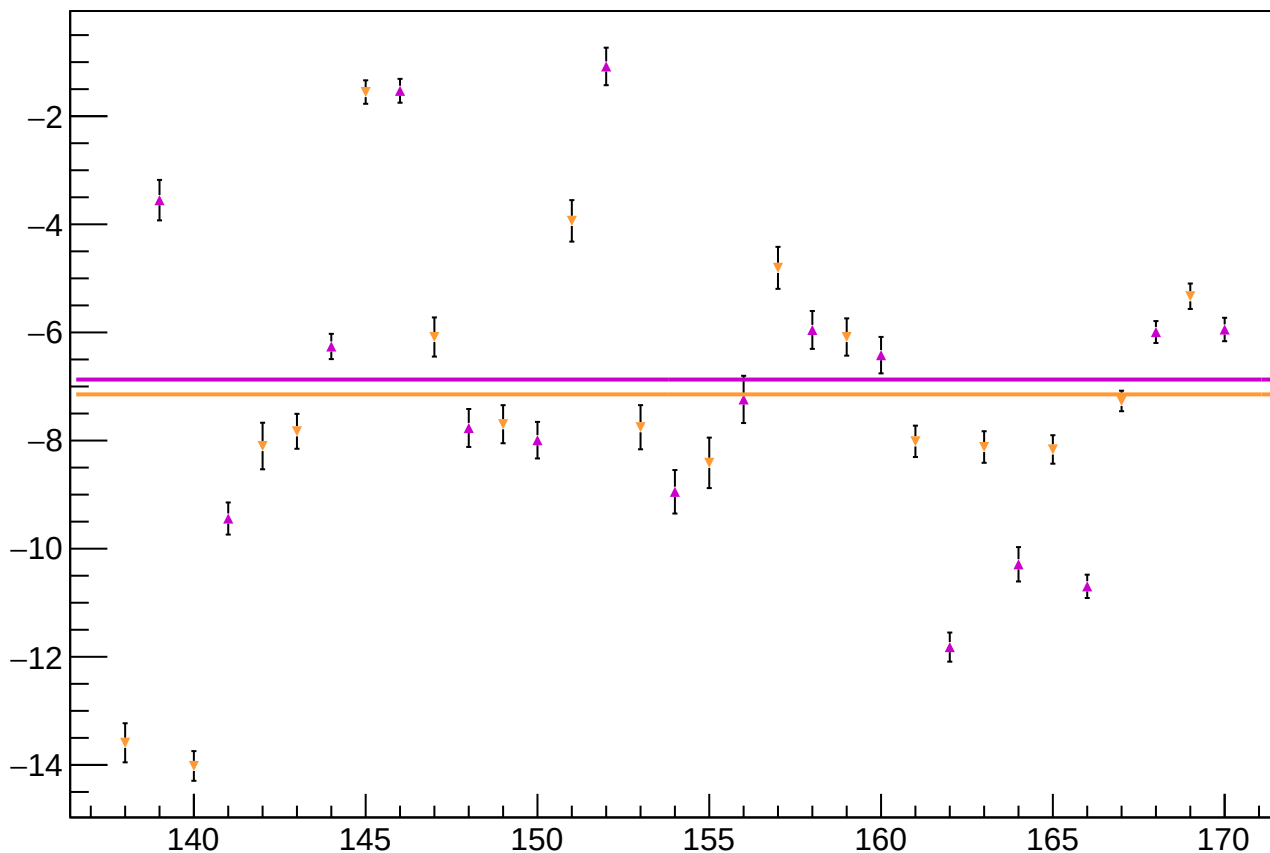
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.046 $\pm$ 0.009 χ^2 /NDF:429.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15

Left: 0.046 $\pm$ 0.006 χ^2 /NDF: 1410.8/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15
 Out: 0.046 $\pm$ 0.009 χ^2 /NDF:429.8/16
 All: 0.046 $\pm$ 0.006 χ^2 /NDF: 1410.8/32

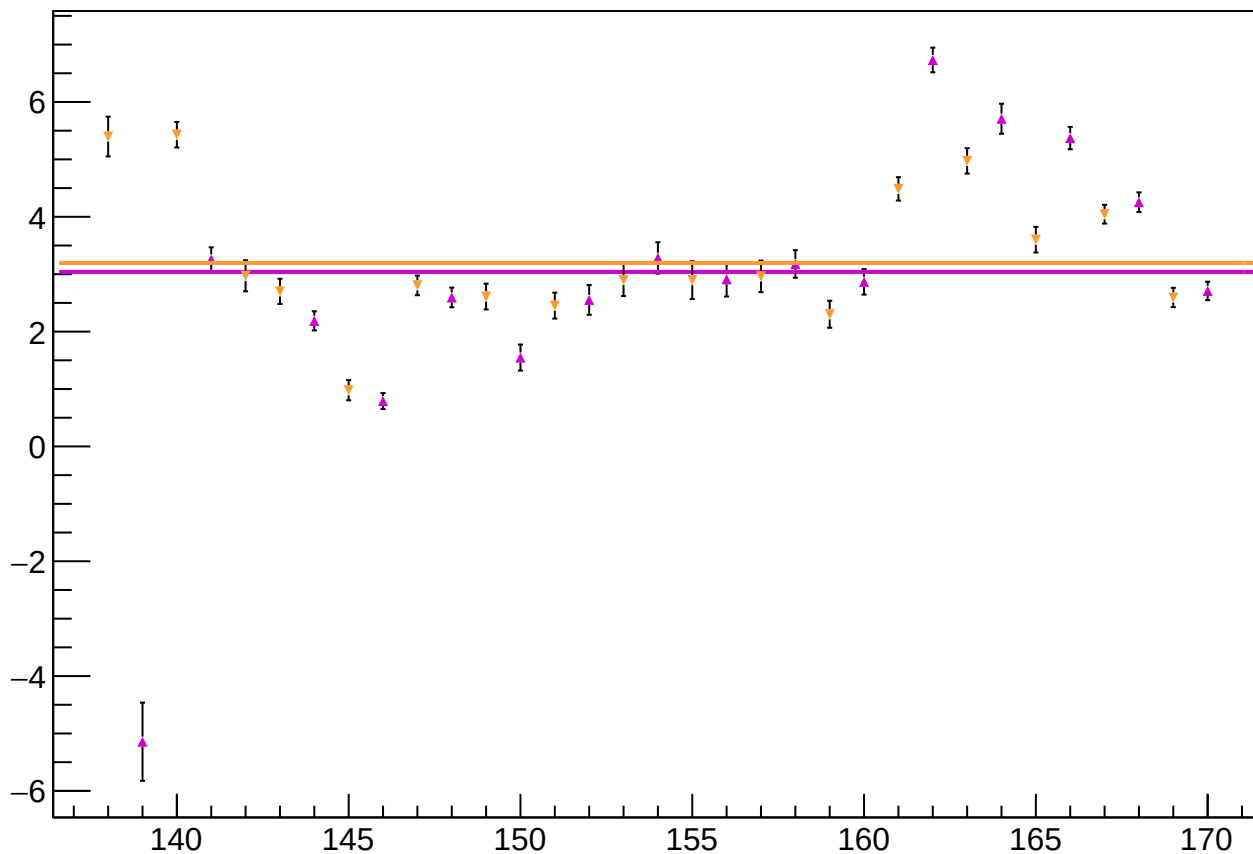
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.146+/-0.073 χ^2/NDF :1849.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.872+/-0.070 χ^2/NDF :1881.2/15

Left: -7.004+/-0.051 χ^2/NDF : 3737.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.872+/-0.070 χ^2/NDF :1881.2/15
 Out: -7.146+/-0.073 χ^2/NDF :1849.1/16
 All: -7.004+/-0.051 χ^2/NDF : 3737.6/32

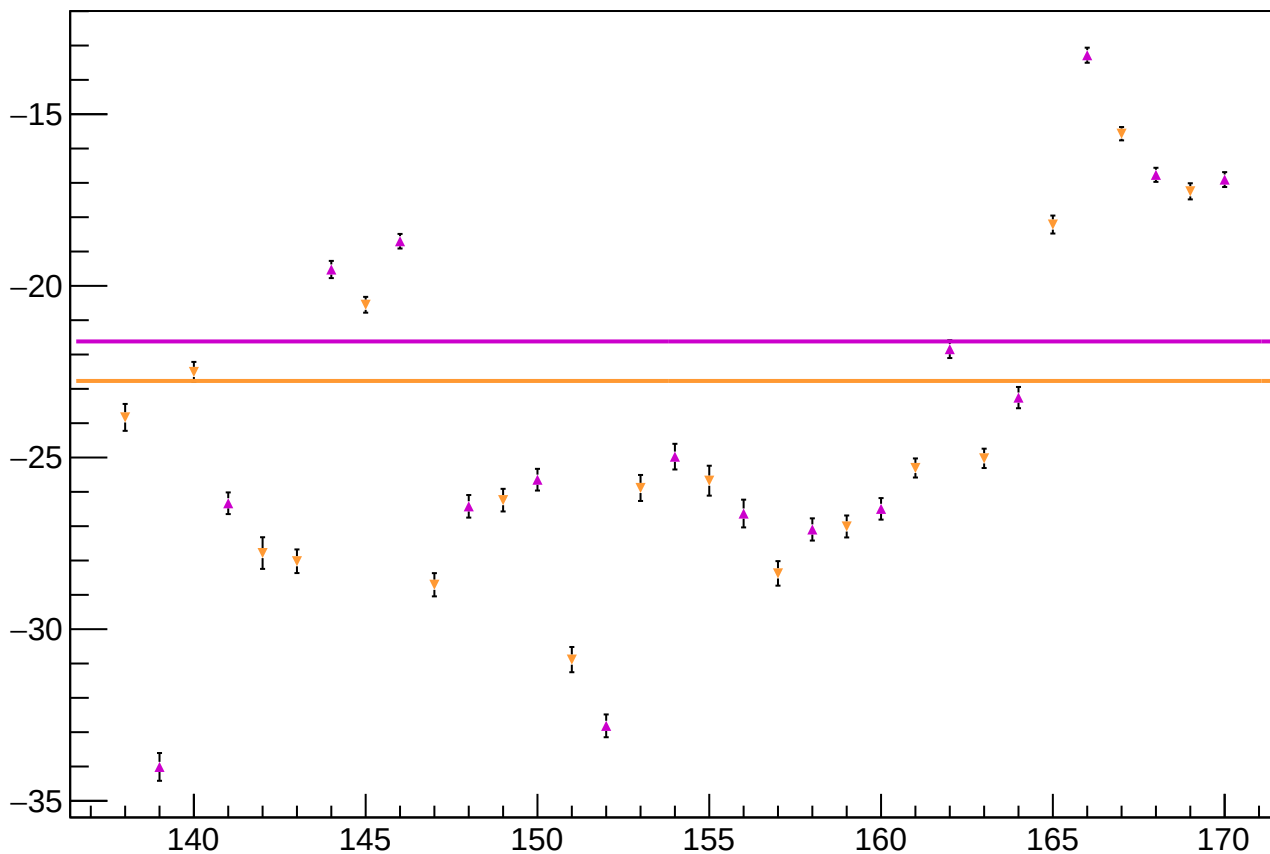
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.196+/-0.053 χ^2/NDF :493.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.040+/-0.051 χ^2/NDF :1084.6/15

Left: 3.116+/-0.037 χ^2/NDF : 1582.2/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.040+/-0.051 χ^2/NDF :1084.6/15
 Out: 3.196+/-0.053 χ^2/NDF :493.1/16
 All: 3.116+/-0.037 χ^2/NDF : 1582.2/32

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: -22.770+/-0.073 χ^2/NDF :4270.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.619+/-0.070 χ^2/NDF :6193.0/15

Left: -22.171+/-0.050 χ^2/NDF : 10594.3/32

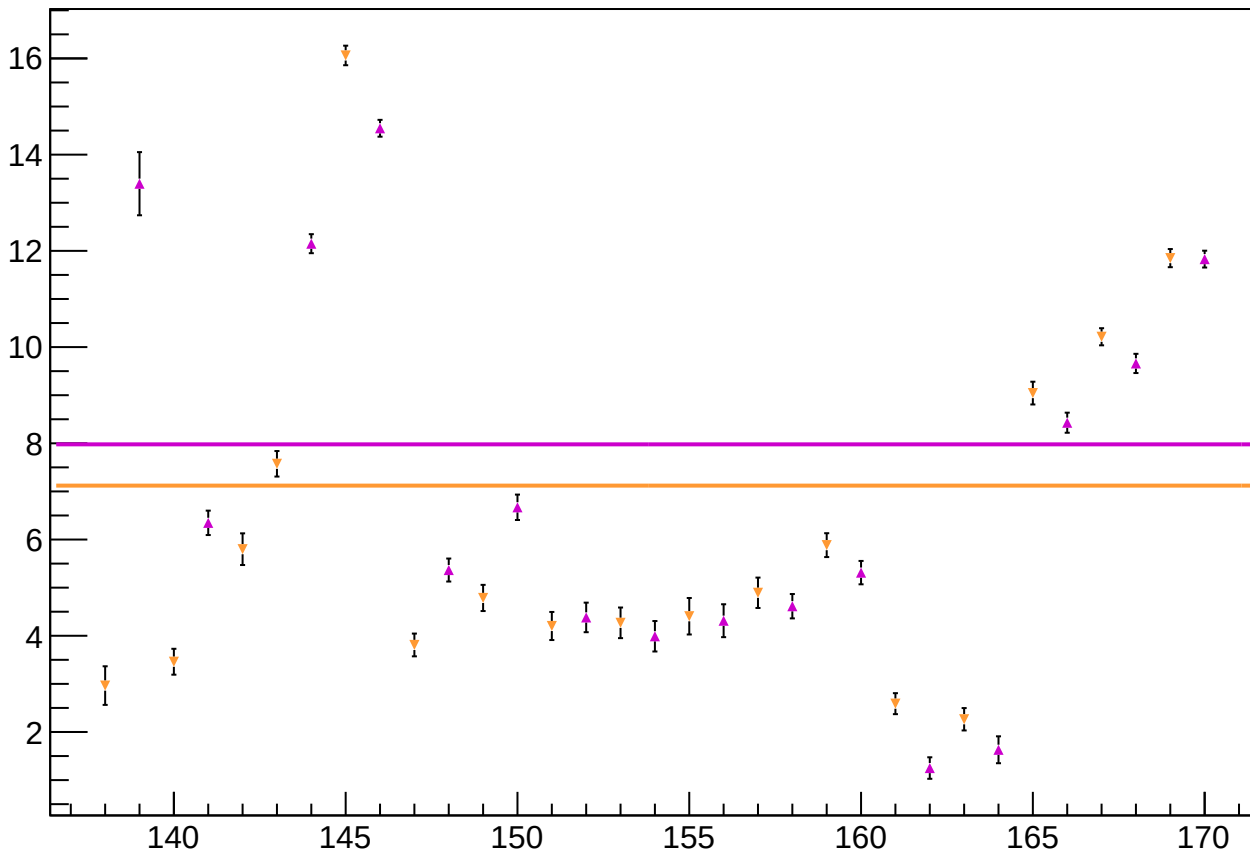
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.619+/-0.070 χ^2/NDF :6193.0/15

Out: -22.770+/-0.073 χ^2/NDF :4270.3/16

All: -22.171+/-0.050 χ^2/NDF : 10594.3/32

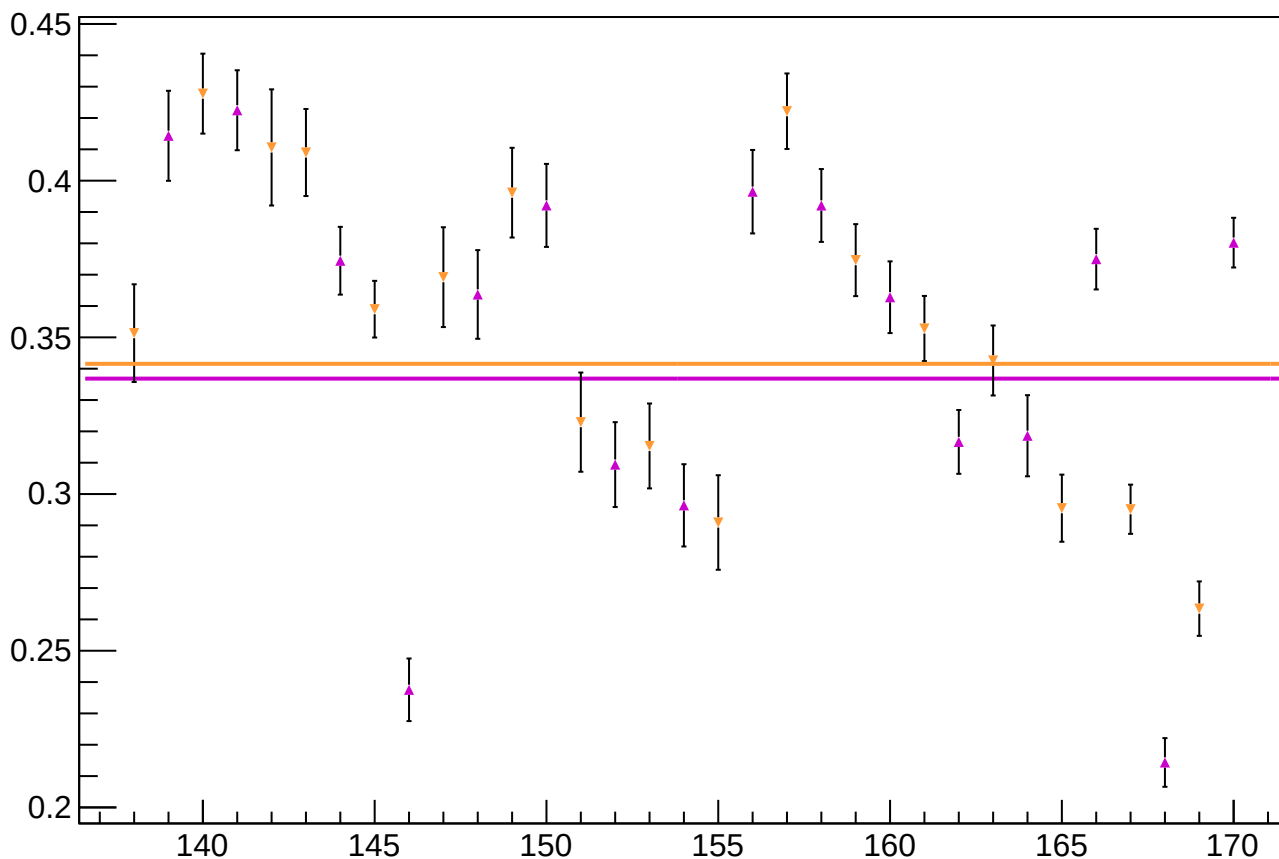
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.121+/-0.061 χ^2/NDF : 4687.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.978+/-0.059 χ^2/NDF : 4798.4/15

Left: 7.559+/-0.042 χ^2/NDF : 9587.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.978+/-0.059 χ^2/NDF : 4798.4/15
 Out: 7.121+/-0.061 χ^2/NDF : 4687.6/16
 All: 7.559+/-0.042 χ^2/NDF : 9587.9/32

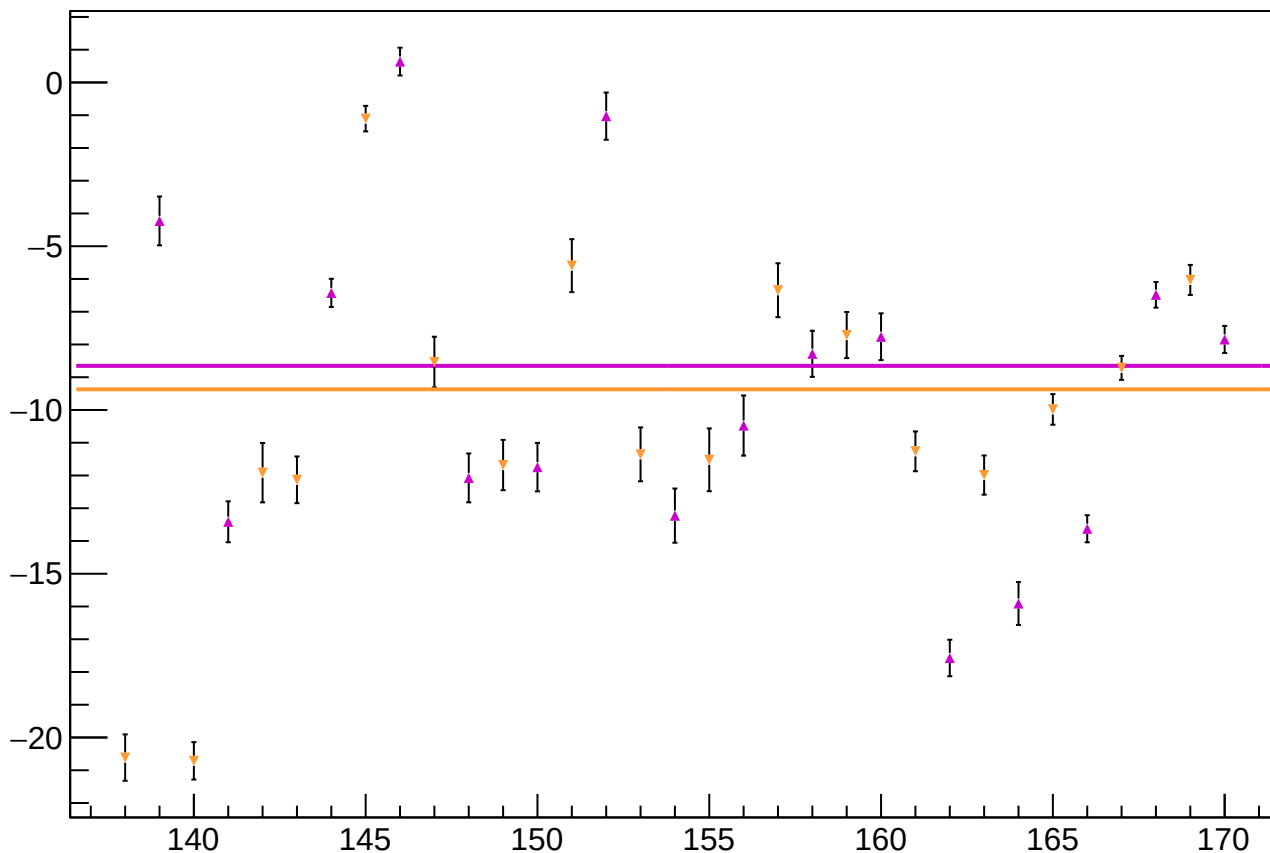
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.342+/-0.003 χ^2/NDF :309.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.337+/-0.003 χ^2/NDF :567.5/15

Left: 0.339+/-0.002 χ^2/NDF : 878.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.337+/-0.003 χ^2/NDF :567.5/15
 Out: 0.342+/-0.003 χ^2/NDF :309.8/16
 All: 0.339+/-0.002 χ^2/NDF : 878.6/32

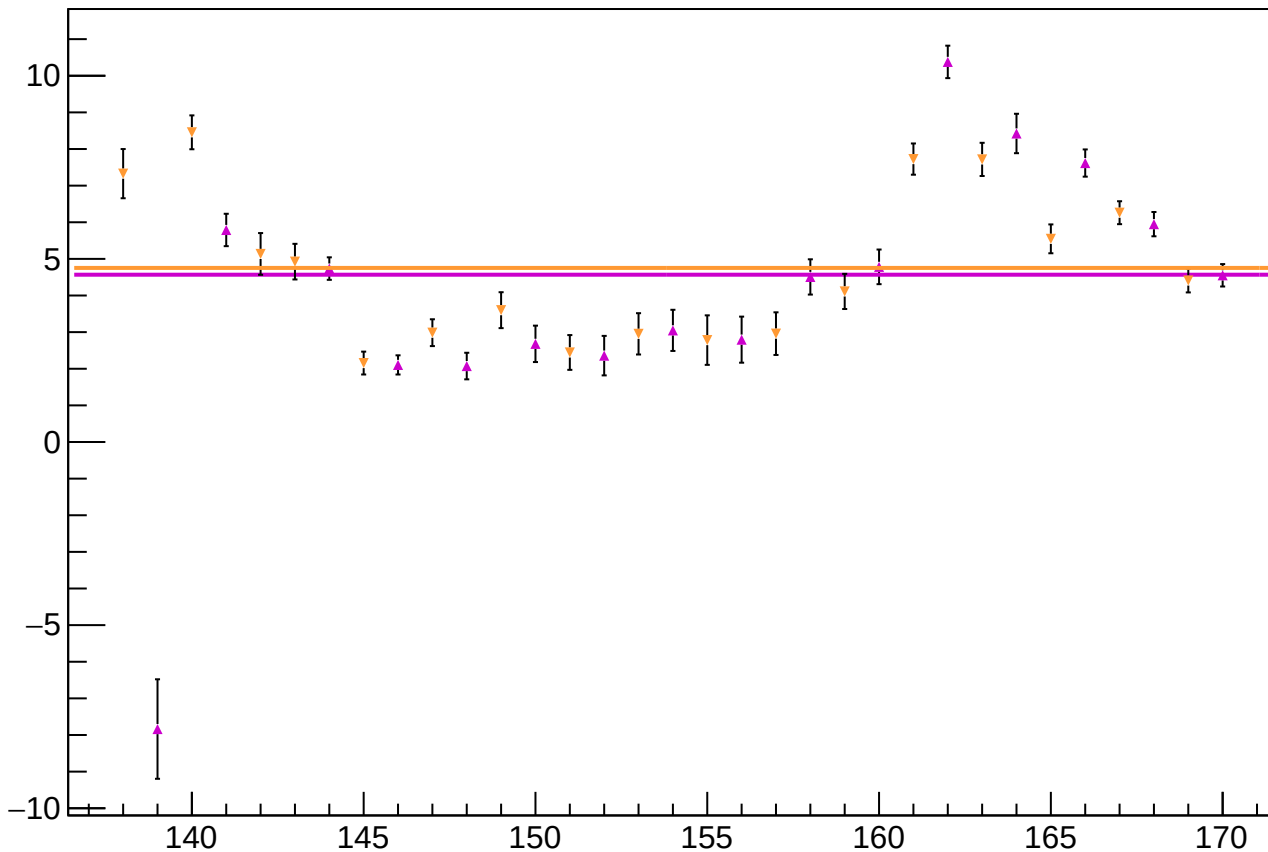
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.369 ± 0.144 $\chi^2/\text{NDF}: 1266.4/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -8.653 ± 0.140 $\chi^2/\text{NDF}: 1344.9/15$

Left: -8.999 ± 0.100 $\chi^2/\text{NDF}: 2624.1/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -8.653 ± 0.140 $\chi^2/\text{NDF}: 1344.9/15$
 Out: -9.369 ± 0.144 $\chi^2/\text{NDF}: 1266.4/16$
 All: -8.999 ± 0.100 $\chi^2/\text{NDF}: 2624.1/32$

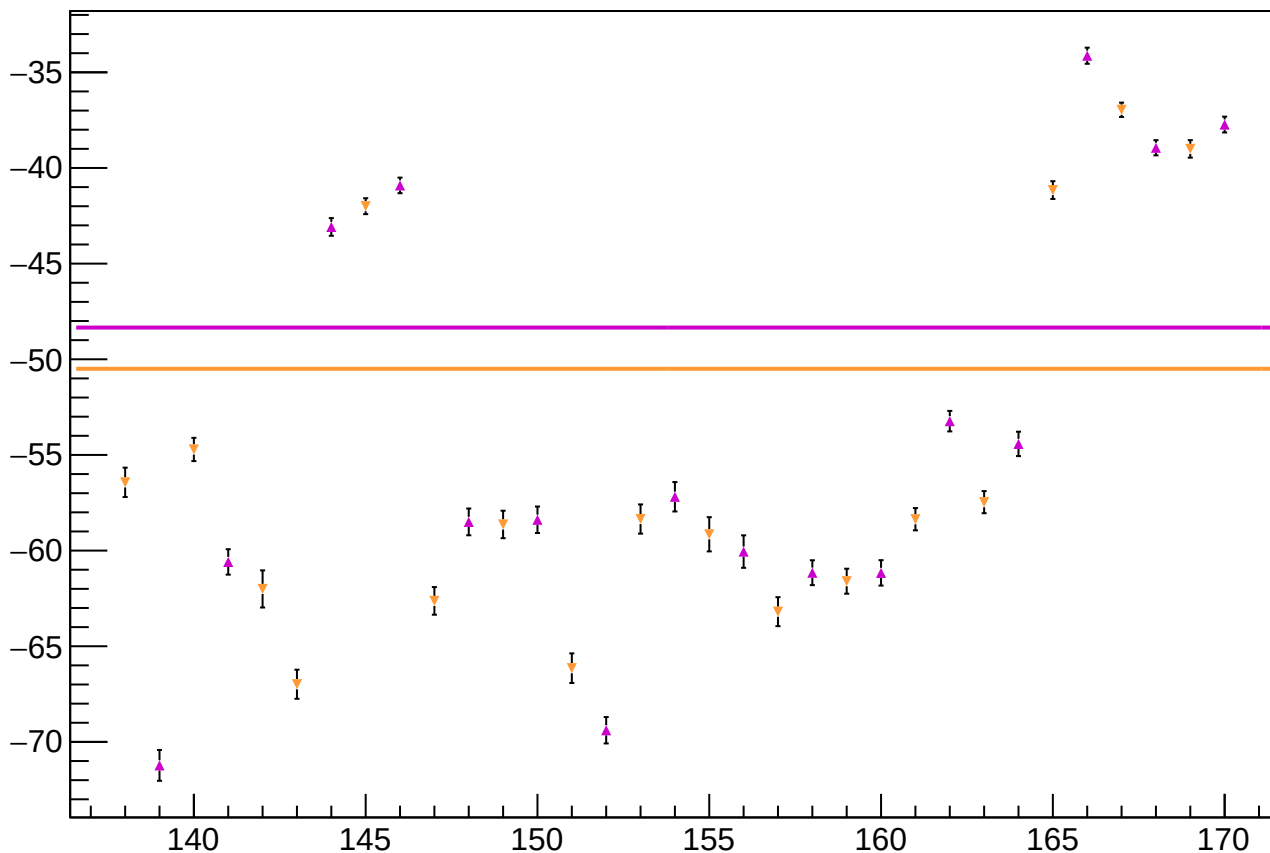
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.753+/-0.106 χ^2/NDF :350.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.568+/-0.102 χ^2/NDF :581.5/15

Left: 4.658+/-0.073 χ^2/NDF : 934.0/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.568+/-0.102 χ^2/NDF :581.5/15
 Out: 4.753+/-0.106 χ^2/NDF :350.9/16
 All: 4.658+/-0.073 χ^2/NDF : 934.0/32

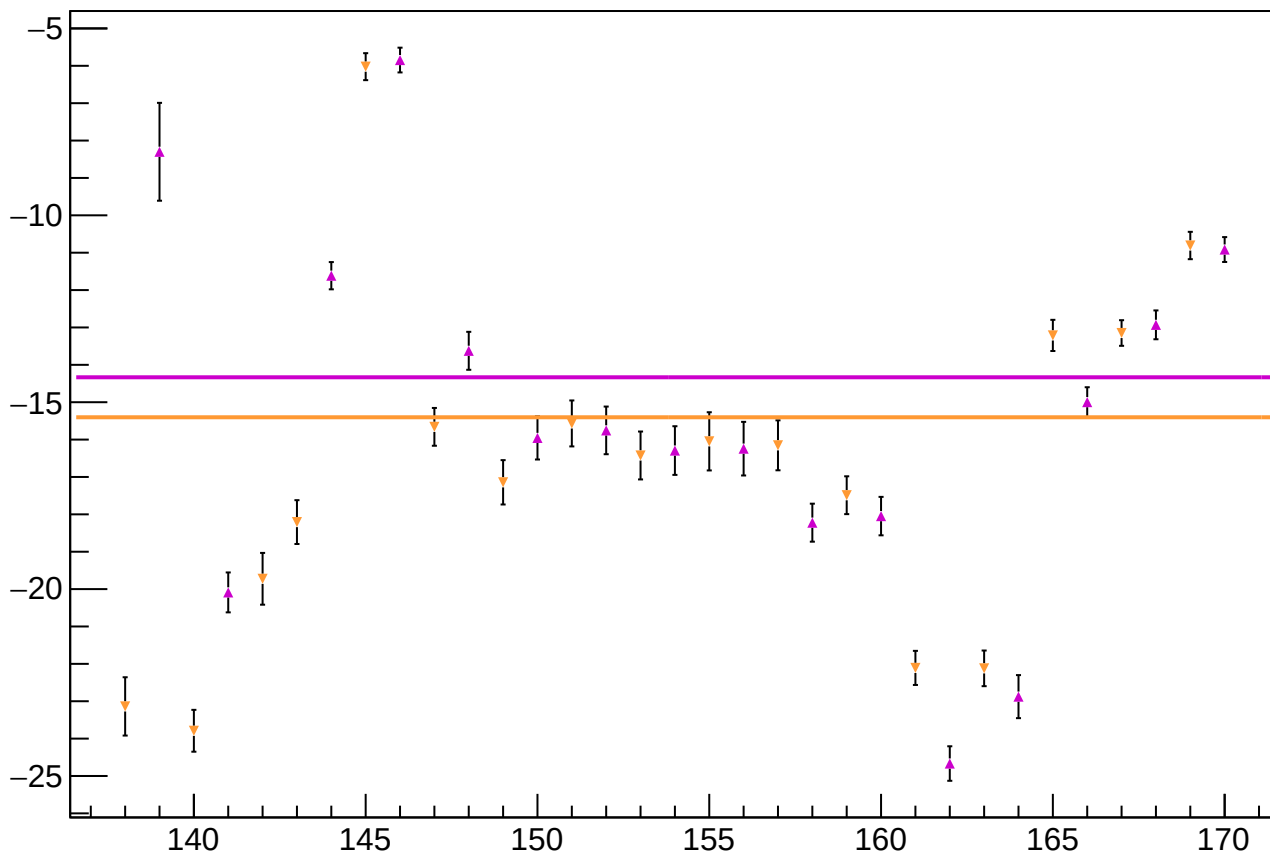
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -50.496+/-0.144 χ^2/NDF : 5394.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

Left: -49.374+/-0.100 χ^2/NDF : 12091.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -48.342+/-0.138 χ^2/NDF : 6581.3/15
 Out: -50.496+/-0.144 χ^2/NDF : 5394.5/16
 All: -49.374+/-0.100 χ^2/NDF : 12091.8/32

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: -15.403+/-0.121 χ^2/NDF :1733.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.333+/-0.118 χ^2/NDF :1833.9/15

Left: -14.854+/-0.085 χ^2/NDF : 3607.6/32

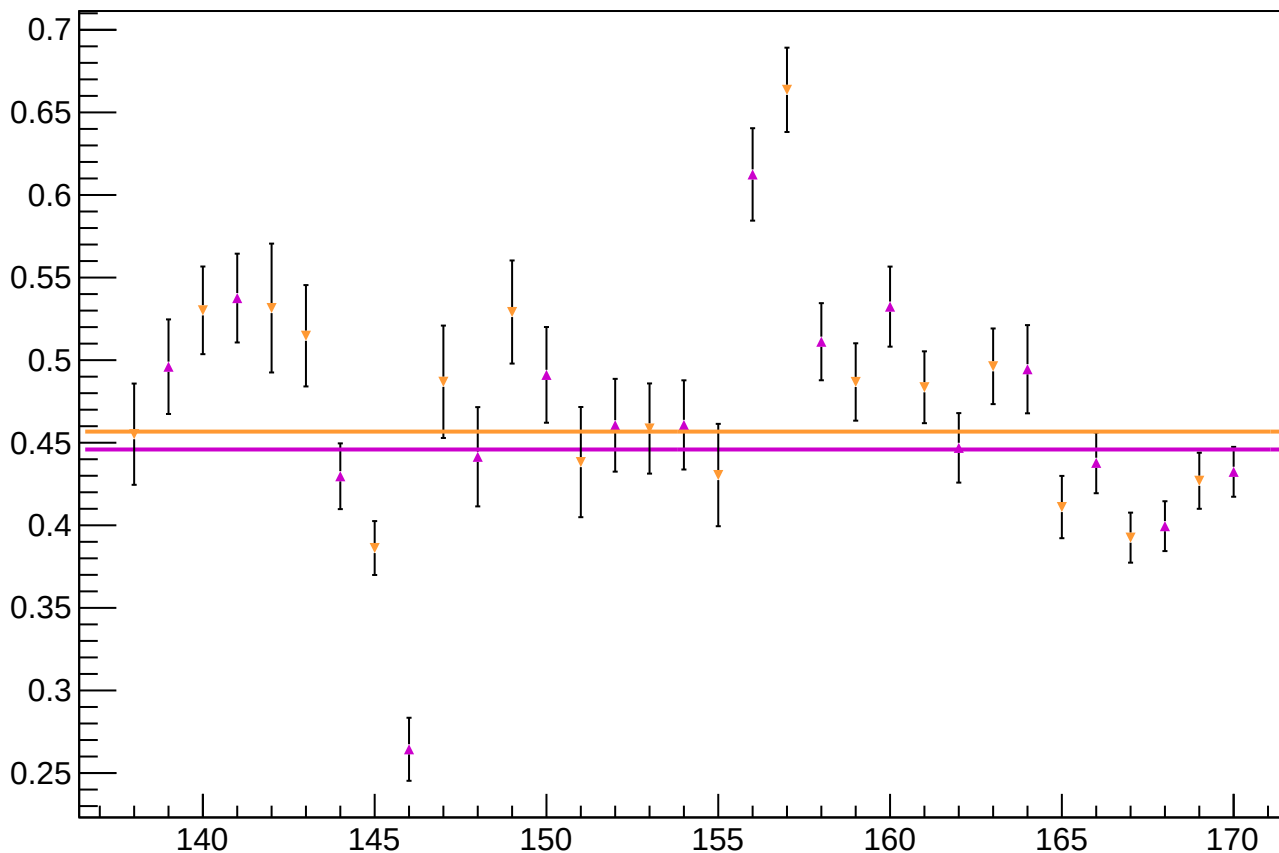
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.333+/-0.118 χ^2/NDF :1833.9/15

Out: -15.403+/-0.121 χ^2/NDF :1733.7/16

All: -14.854+/-0.085 χ^2/NDF : 3607.6/32

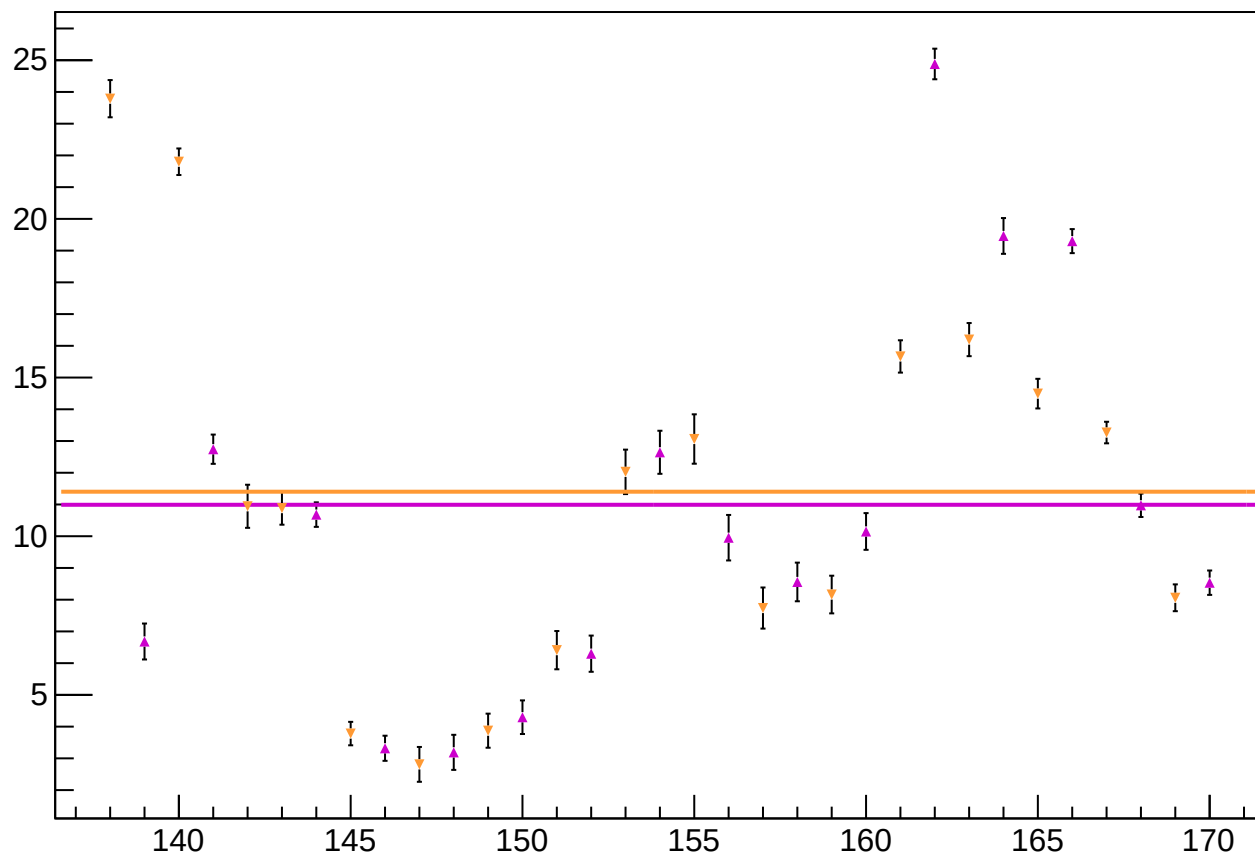
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.457 $\pm$ 0.006 χ^2 /NDF:139.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15

Left: 0.451 $\pm$ 0.004 χ^2 /NDF: 320.0/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15
 Out: 0.457 $\pm$ 0.006 χ^2 /NDF:139.5/16
 All: 0.451 $\pm$ 0.004 χ^2 /NDF: 320.0/32

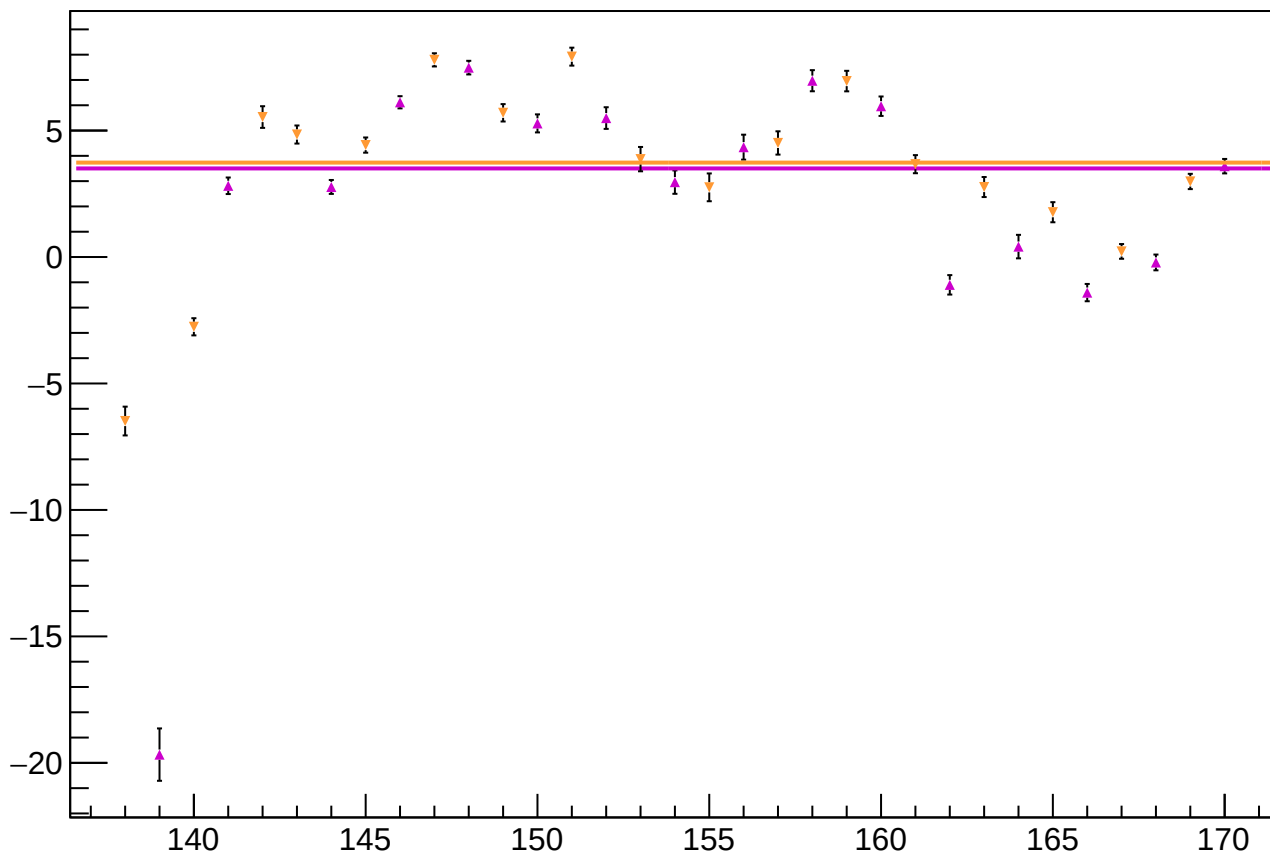
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 11.403+/-0.123 χ^2/NDF :2358.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.991+/-0.120 χ^2/NDF :2479.3/15

Left: 11.193+/-0.086 χ^2/NDF : 4843.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.991+/-0.120 χ^2/NDF :2479.3/15
 Out: 11.403+/-0.123 χ^2/NDF :2358.8/16
 All: 11.193+/-0.086 χ^2/NDF : 4843.9/32

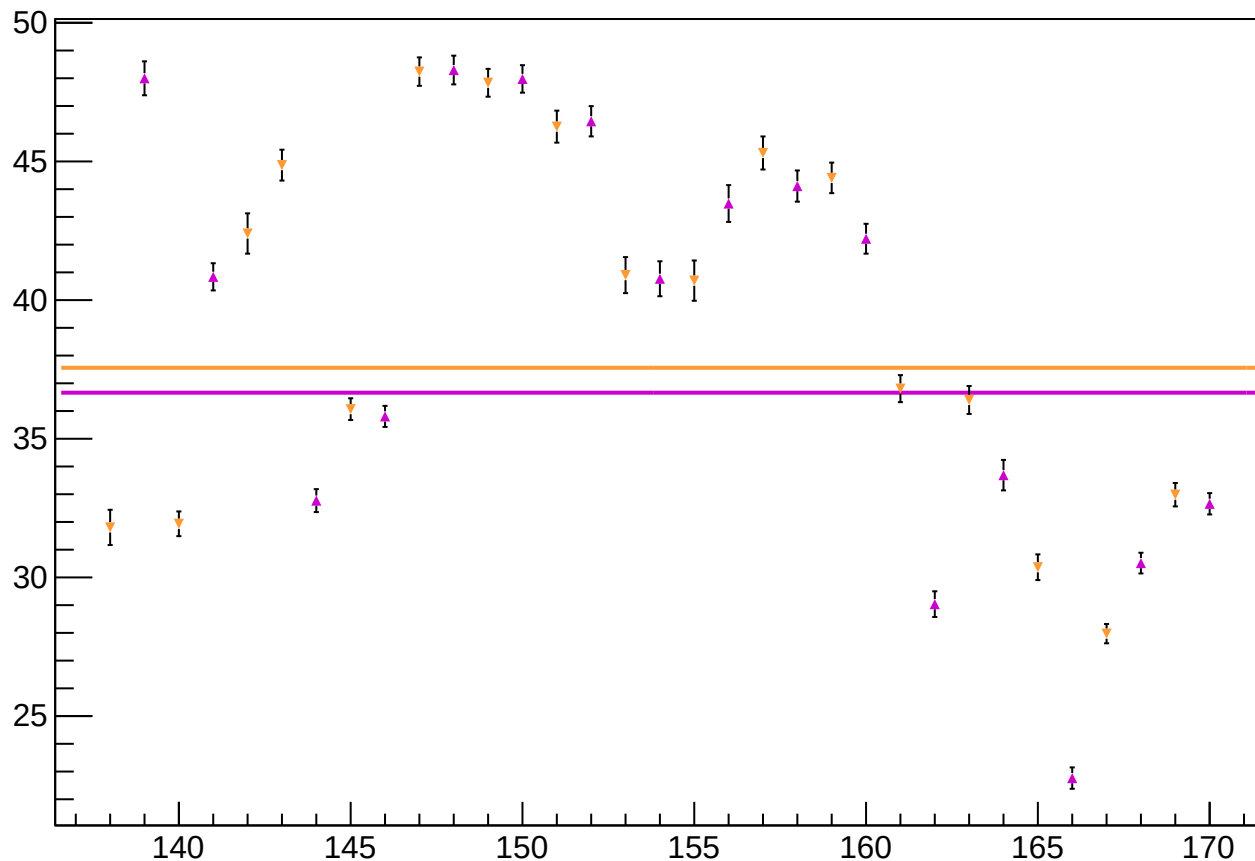
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.733+/-0.088 χ^2/NDF :1386.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.502+/-0.087 χ^2/NDF :1545.3/15

Left: 3.616+/-0.062 χ^2/NDF : 2934.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.502+/-0.087 χ^2/NDF :1545.3/15
 Out: 3.733+/-0.088 χ^2/NDF :1386.1/16
 All: 3.616+/-0.062 χ^2/NDF : 2934.9/32

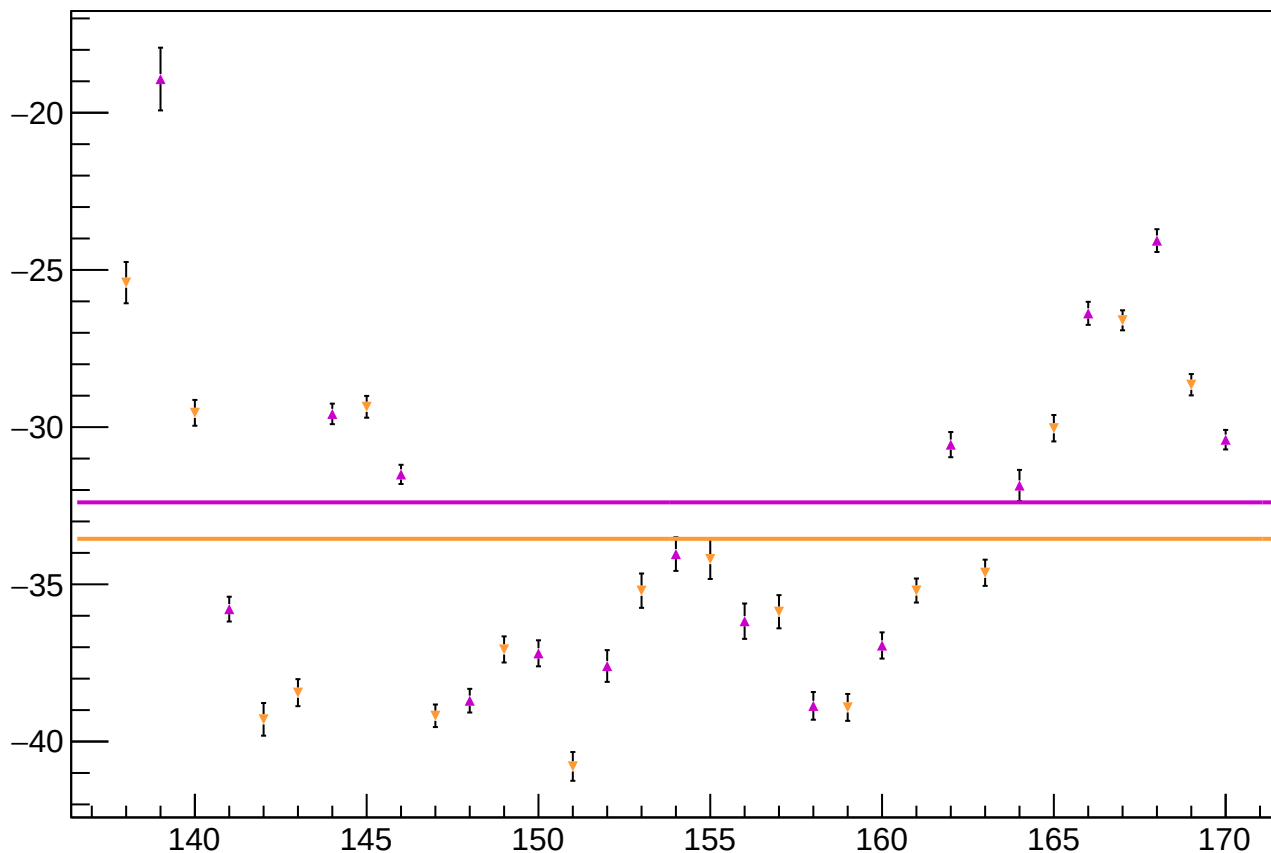
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 37.560+/-0.122 χ^2/NDF :3047.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 36.661+/-0.119 χ^2/NDF :4263.1/15

Left: 37.098+/-0.085 χ^2/NDF : 7338.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 36.661+/-0.119 χ^2/NDF :4263.1/15
 Out: 37.560+/-0.122 χ^2/NDF :3047.2/16
 All: 37.098+/-0.085 χ^2/NDF : 7338.1/32

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: -33.552+/-0.102 χ^2/NDF :2182.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.393+/-0.101 χ^2/NDF :2109.8/15

Left: -32.967+/-0.072 χ^2/NDF : 4357.1/32

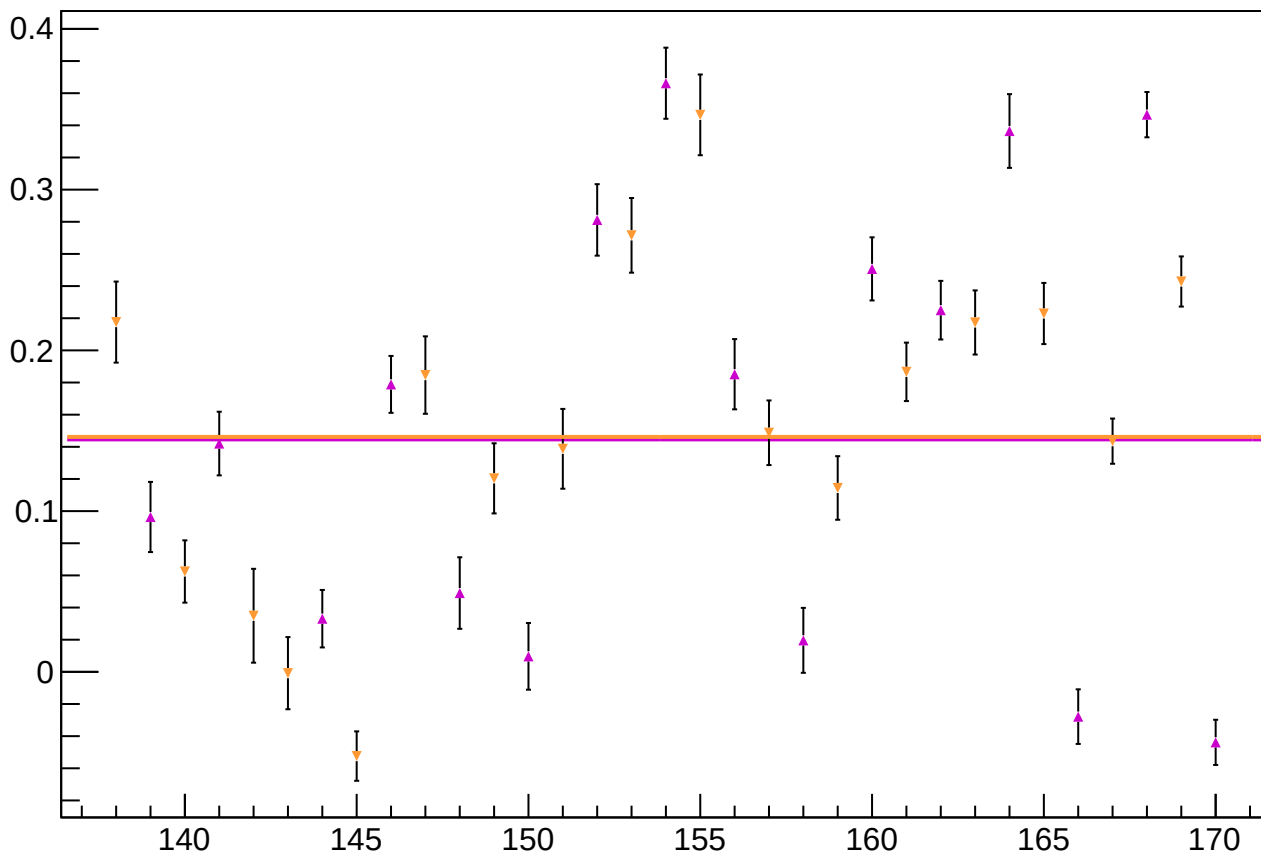
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.393+/-0.101 χ^2/NDF :2109.8/15

Out: -33.552+/-0.102 χ^2/NDF :2182.3/16

All: -32.967+/-0.072 χ^2/NDF : 4357.1/32

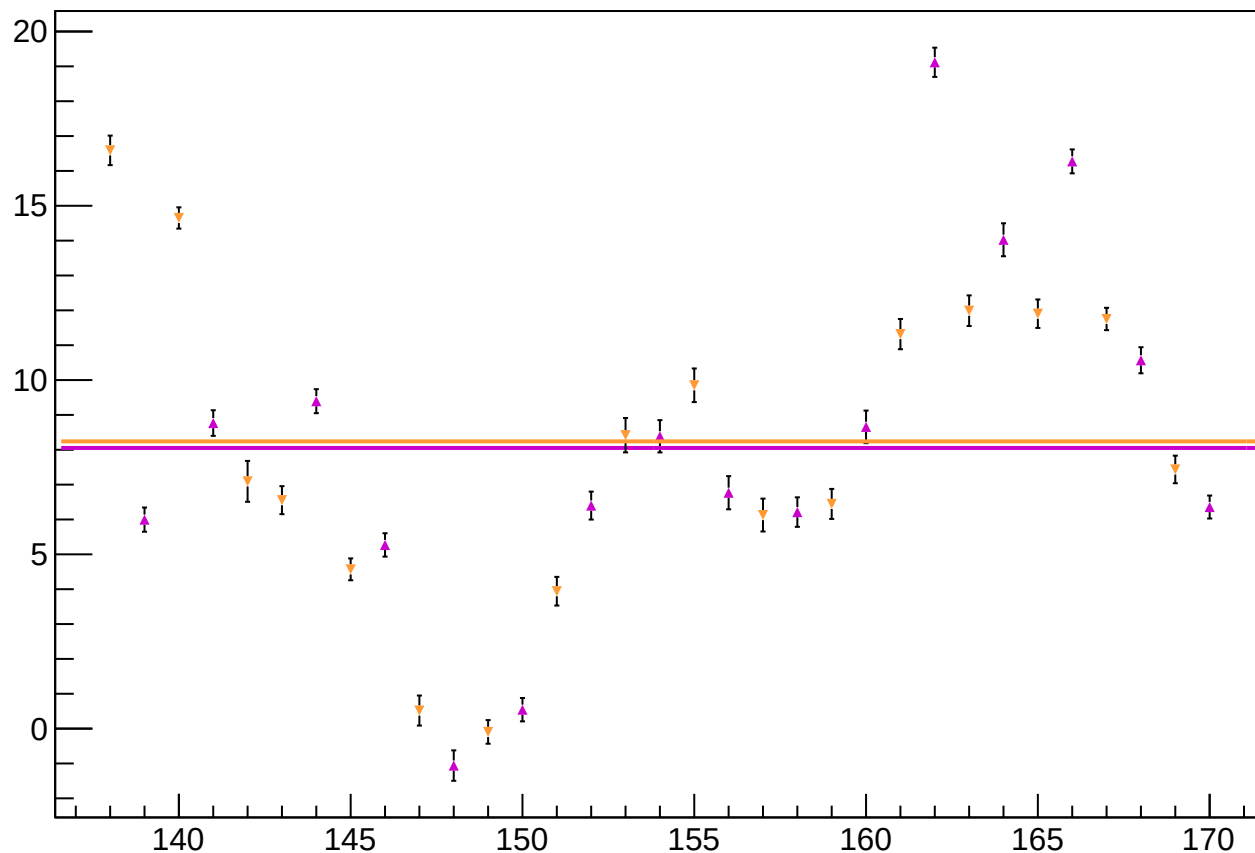
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.146 $\pm$ 0.005 χ^2 /NDF:422.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15

Left: 0.145 $\pm$ 0.003 χ^2 /NDF: 1317.7/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15
 Out: 0.146 $\pm$ 0.005 χ^2 /NDF:422.6/16
 All: 0.145 $\pm$ 0.003 χ^2 /NDF: 1317.7/32

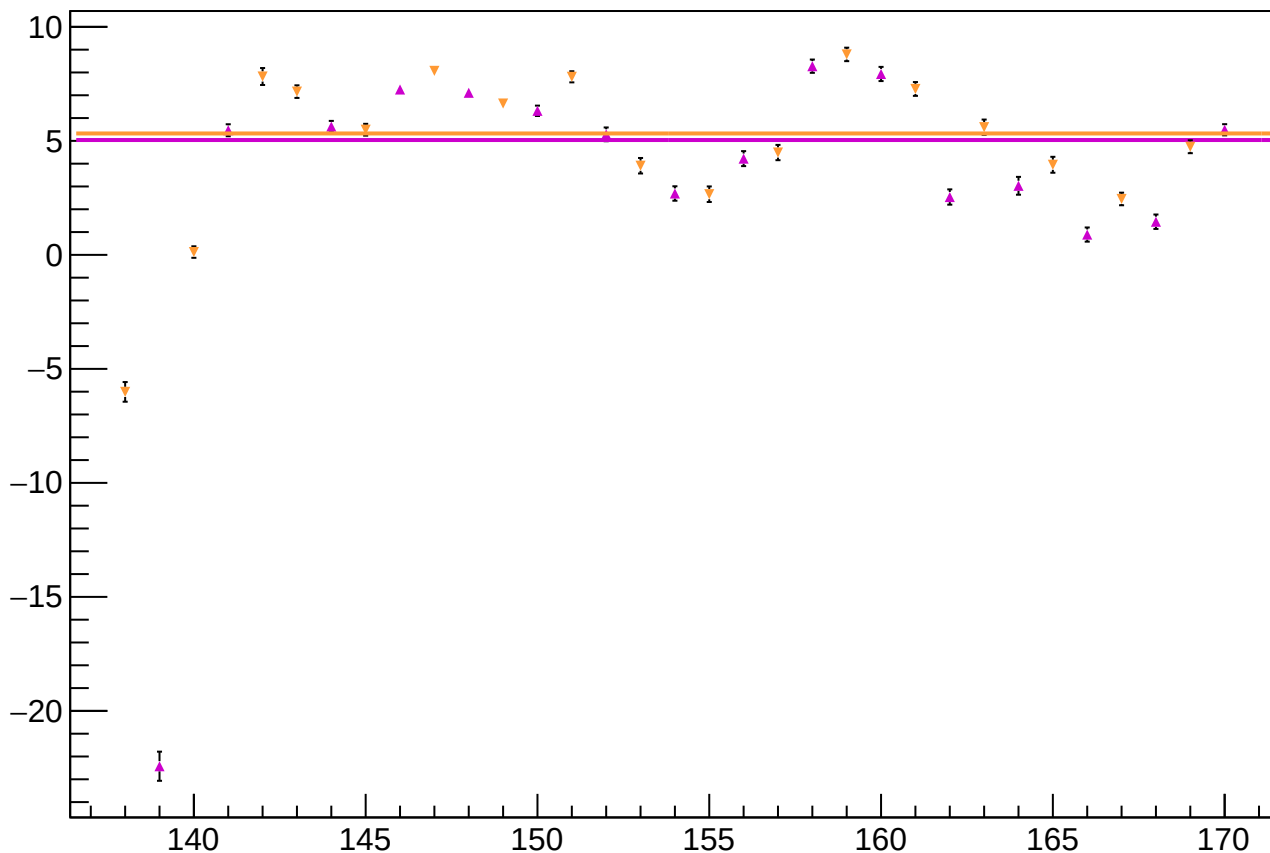
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.241 $\pm$ 0.097 χ^2 /NDF:2398.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15

Left: 8.146 $\pm$ 0.068 χ^2 /NDF: 5006.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15
 Out: 8.241 $\pm$ 0.097 χ^2 /NDF:2398.2/16
 All: 8.146 $\pm$ 0.068 χ^2 /NDF: 5006.9/32

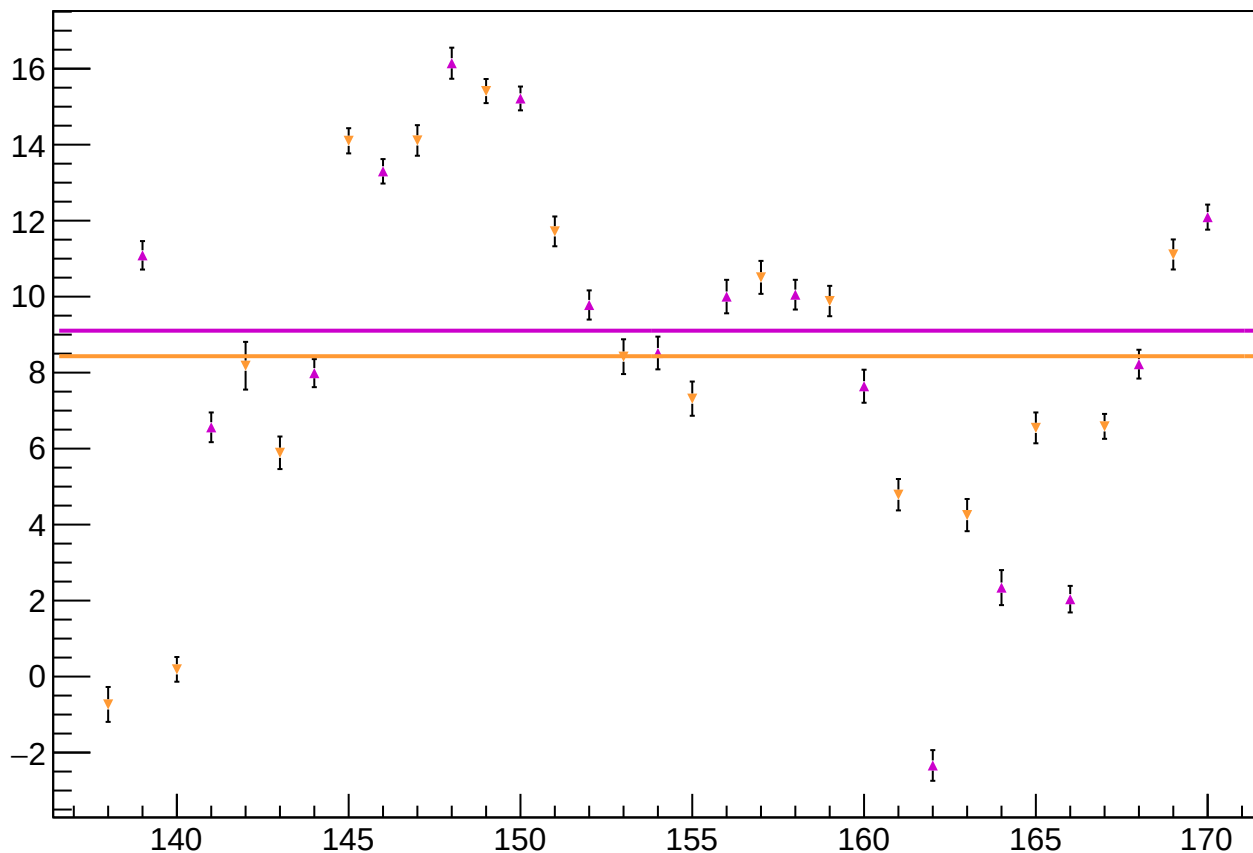
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.324 $\pm$ 0.069 χ^2 /NDF:1910.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

Left: 5.183 $\pm$ 0.049 χ^2 /NDF: 4669.7/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15
 Out: 5.324 $\pm$ 0.069 χ^2 /NDF:1910.2/16
 All: 5.183 $\pm$ 0.049 χ^2 /NDF: 4669.7/32

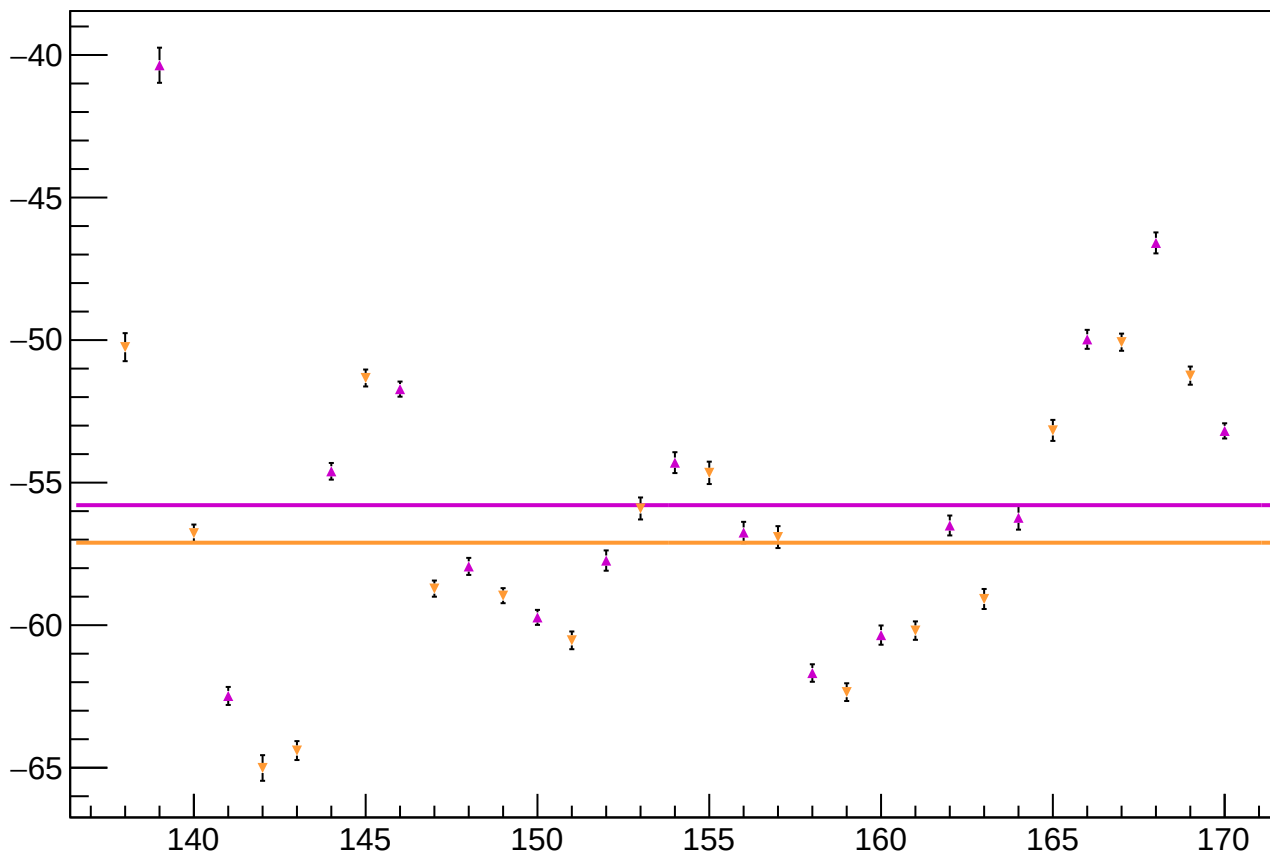
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.432 $\pm$ 0.096 χ^2 /NDF:2437.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.104 $\pm$ 0.095 χ^2 /NDF:2465.9/15

Left: 8.772 $\pm$ 0.068 χ^2 /NDF: 4928.2/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.104 $\pm$ 0.095 χ^2 /NDF:2465.9/15
 Out: 8.432 $\pm$ 0.096 χ^2 /NDF:2437.5/16
 All: 8.772 $\pm$ 0.068 χ^2 /NDF: 4928.2/32

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: -57.107+/-0.081 χ^2/NDF : 3022.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Left: -56.455+/-0.057 χ^2/NDF : 6392.1/32

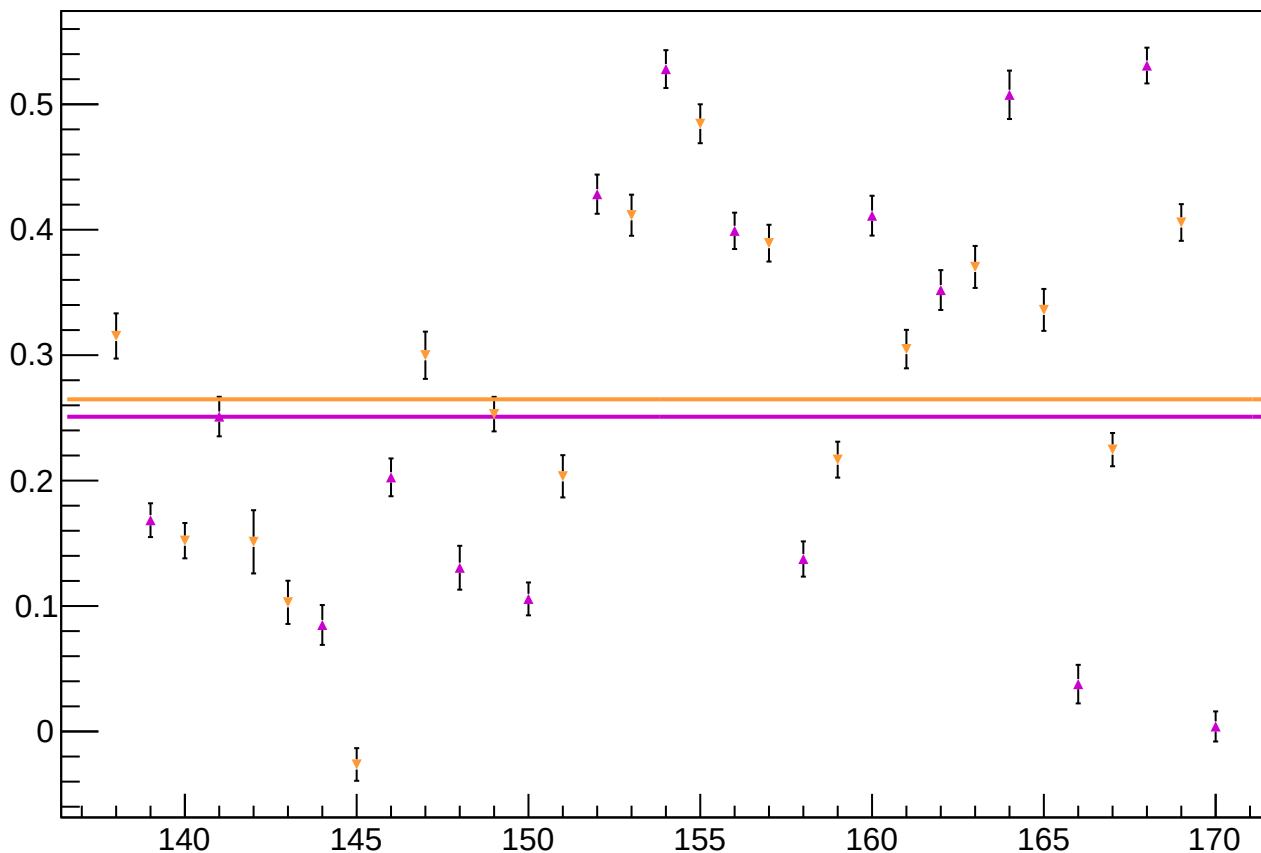
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Out: -57.107+/-0.081 χ^2/NDF : 3022.4/16

All: -56.455+/-0.057 χ^2/NDF : 6392.1/32

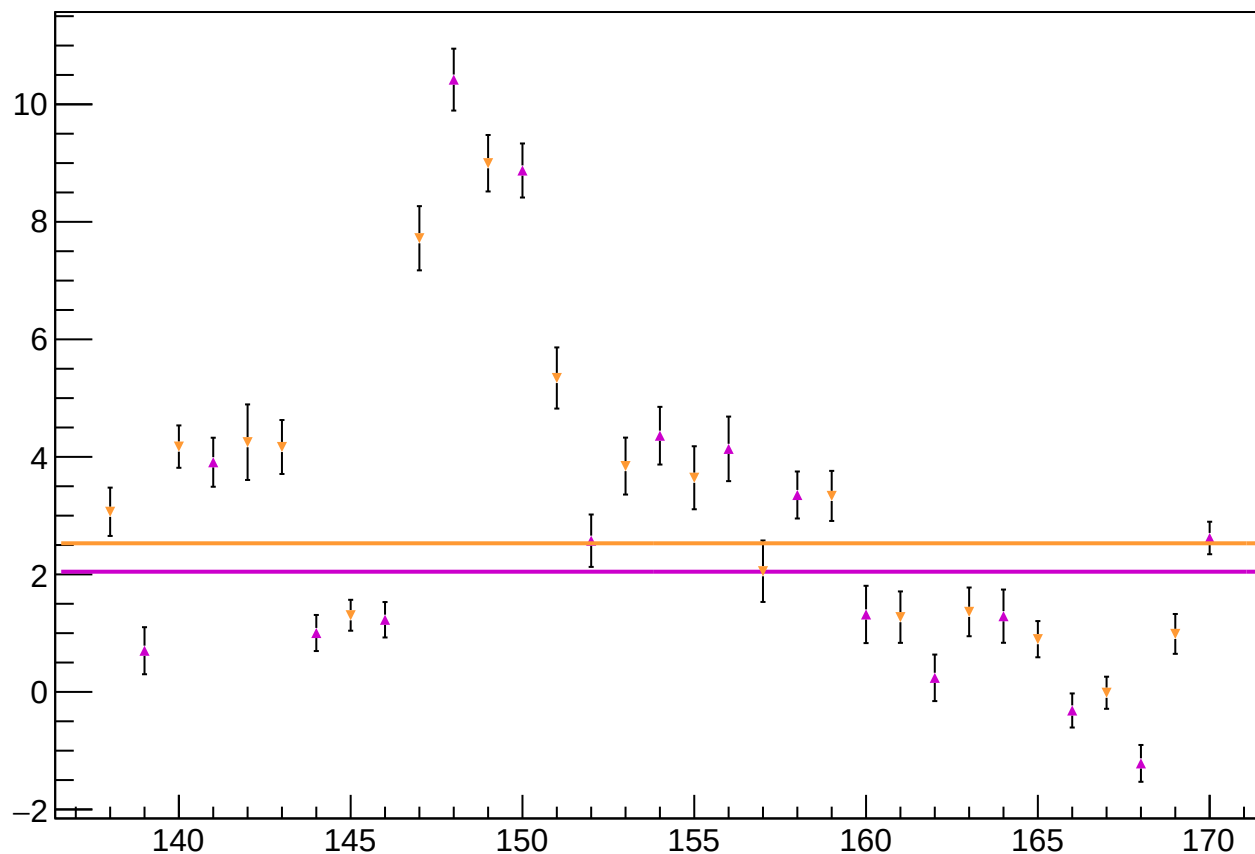
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.265 $\pm$ 0.004 χ^2 /NDF:1229.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15

Left: 0.258 $\pm$ 0.003 χ^2 /NDF: 3520.6/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15
 Out: 0.265 $\pm$ 0.004 χ^2 /NDF:1229.7/16
 All: 0.258 $\pm$ 0.003 χ^2 /NDF: 3520.6/32

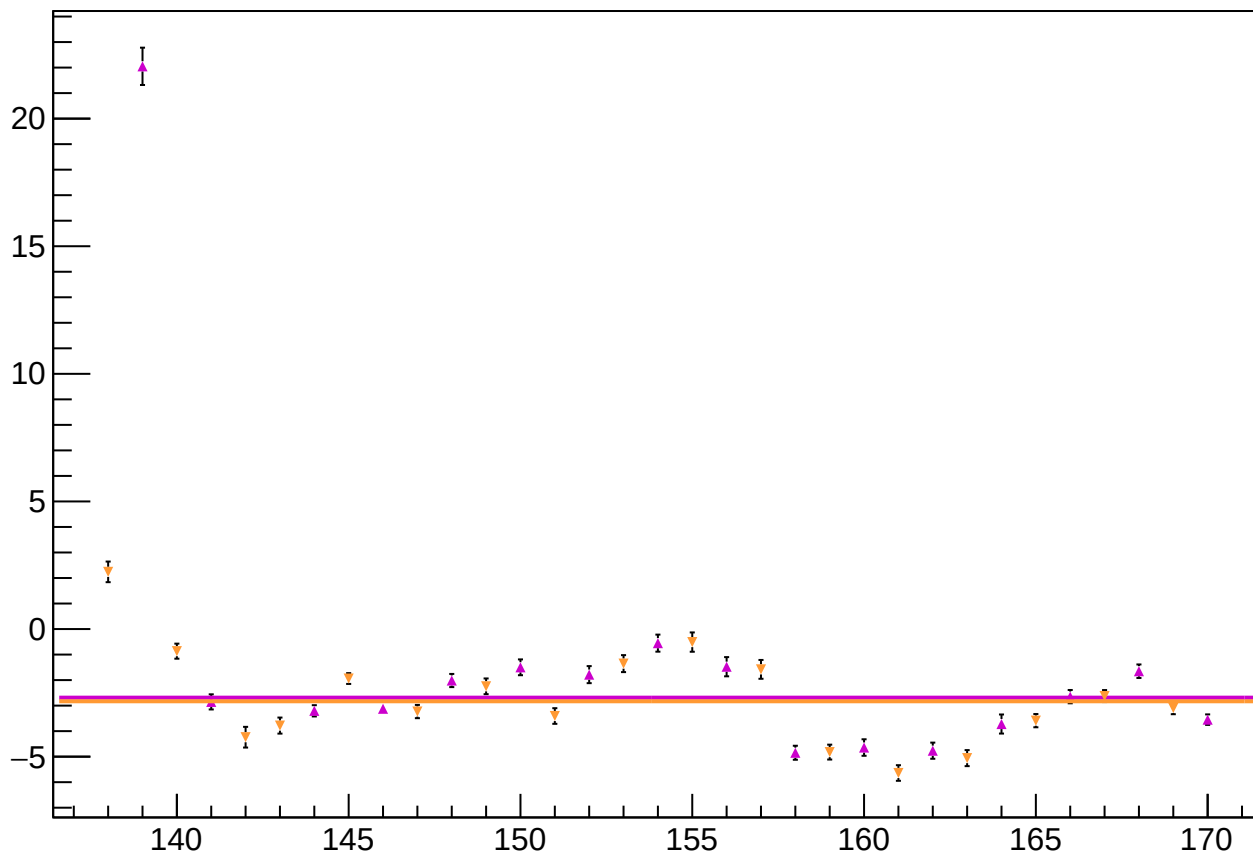
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.529 $\pm$ 0.097 χ^2 /NDF:532.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.046 $\pm$ 0.095 χ^2 /NDF:776.9/15

Left: 2.283 $\pm$ 0.068 χ^2 /NDF: 1322.1/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.046 $\pm$ 0.095 χ^2 /NDF:776.9/15
 Out: 2.529 $\pm$ 0.097 χ^2 /NDF:532.4/16
 All: 2.283 $\pm$ 0.068 χ^2 /NDF: 1322.1/32

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



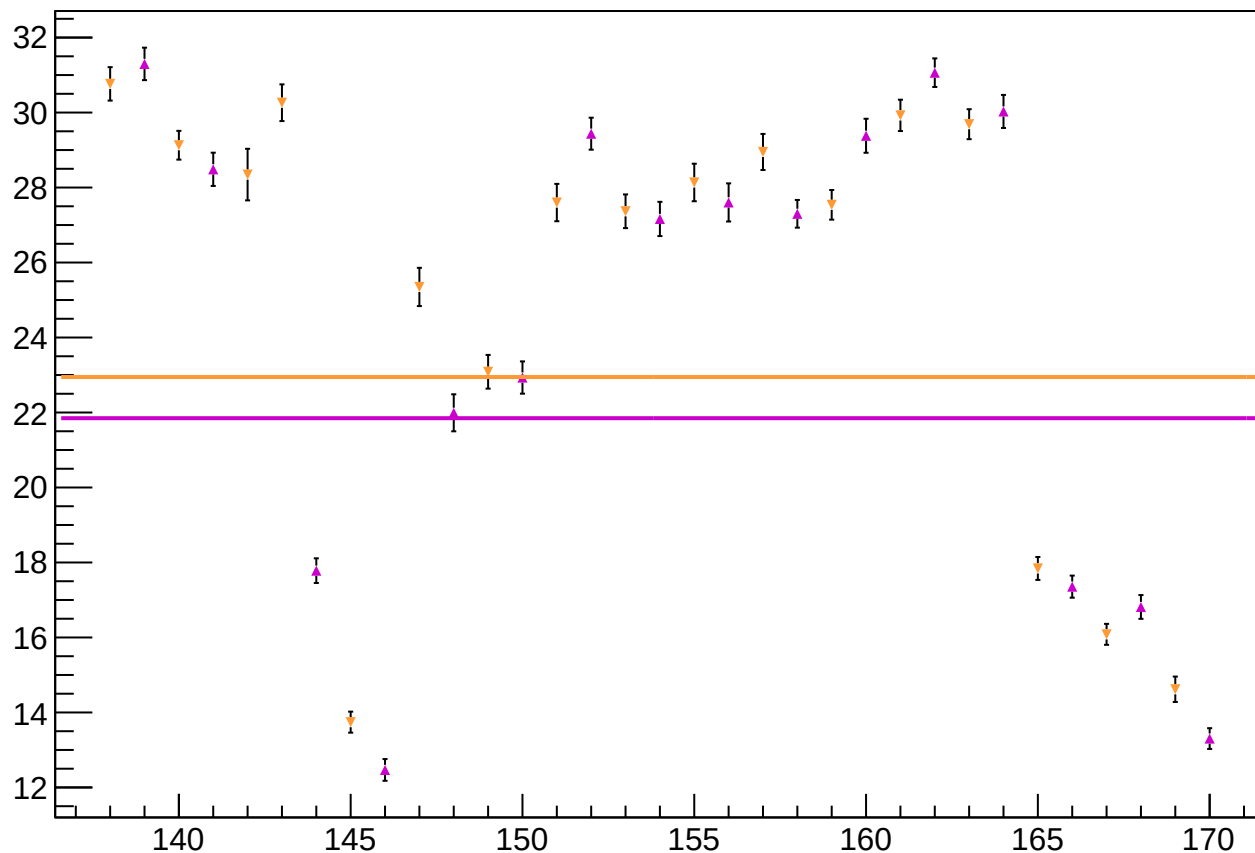
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.830+/-0.071 χ^2/NDF :510.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.689+/-0.070 χ^2/NDF :1418.0/15

Left: -2.758+/-0.050 χ^2/NDF : 1930.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.689+/-0.070 χ^2/NDF :1418.0/15
 Out: -2.830+/-0.071 χ^2/NDF :510.9/16

All: -2.758+/-0.050 χ^2/NDF : 1930.9/32

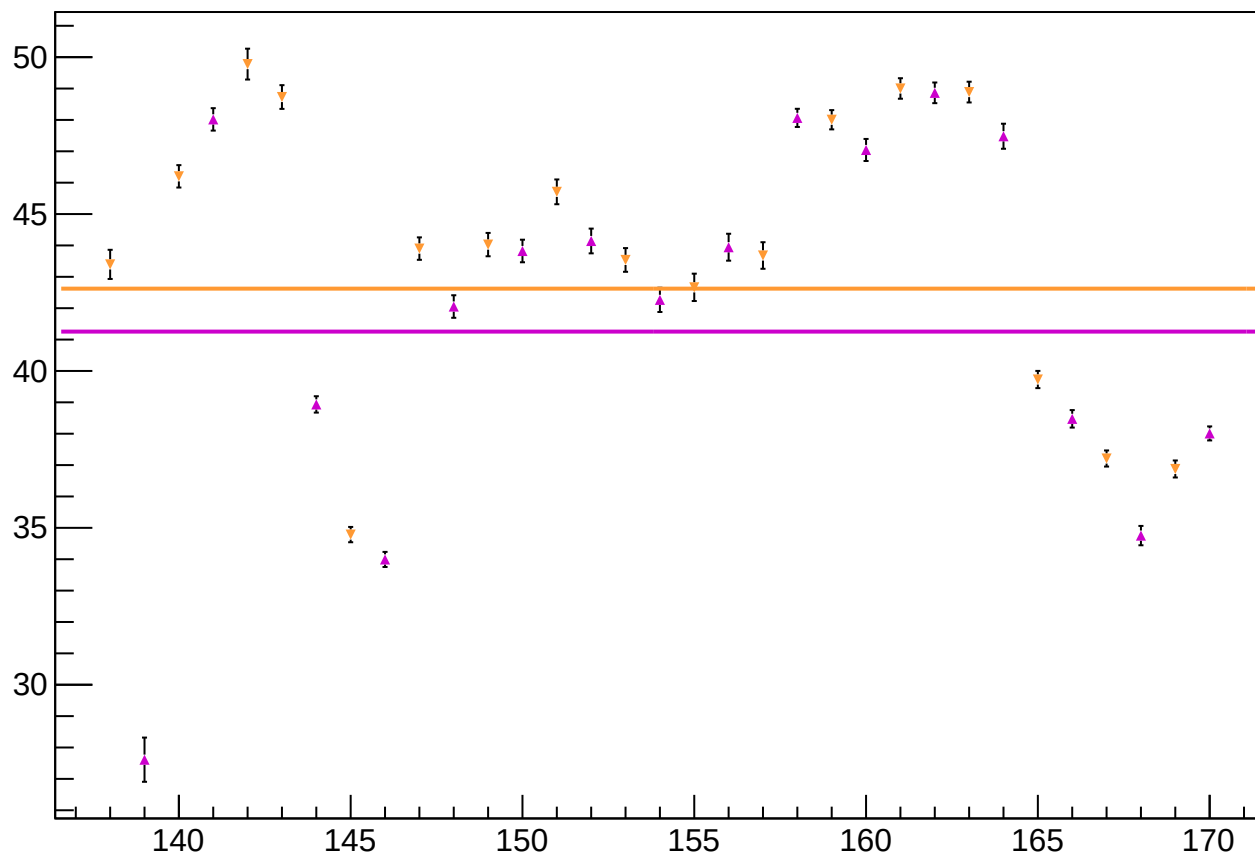
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.946+/-0.096 χ^2/NDF :4581.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.848+/-0.094 χ^2/NDF :5343.7/15

Left: 22.381+/-0.067 χ^2/NDF : 9992.0/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.848+/-0.094 χ^2/NDF :5343.7/15
 Out: 22.946+/-0.096 χ^2/NDF :4581.6/16
 All: 22.381+/-0.067 χ^2/NDF : 9992.0/32

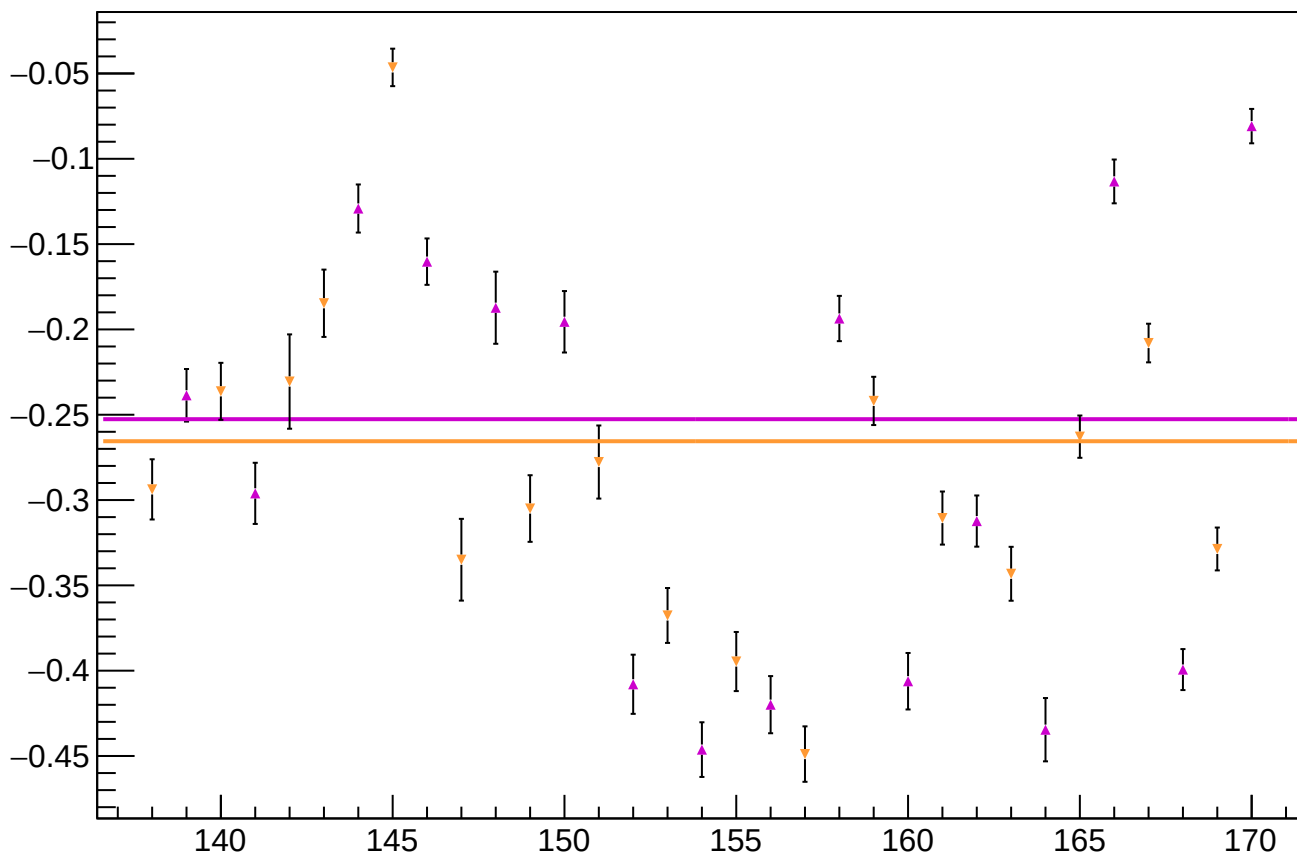
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 42.623 $\pm$ 0.081 χ^2 /NDF:3761.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 41.254 $\pm$ 0.080 χ^2 /NDF:4235.7/15

Left: 41.930 $\pm$ 0.057 χ^2 /NDF: 8140.6/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 41.254 $\pm$ 0.080 χ^2 /NDF:4235.7/15
 Out: 42.623 $\pm$ 0.081 χ^2 /NDF:3761.7/16
 All: 41.930 $\pm$ 0.057 χ^2 /NDF: 8140.6/32

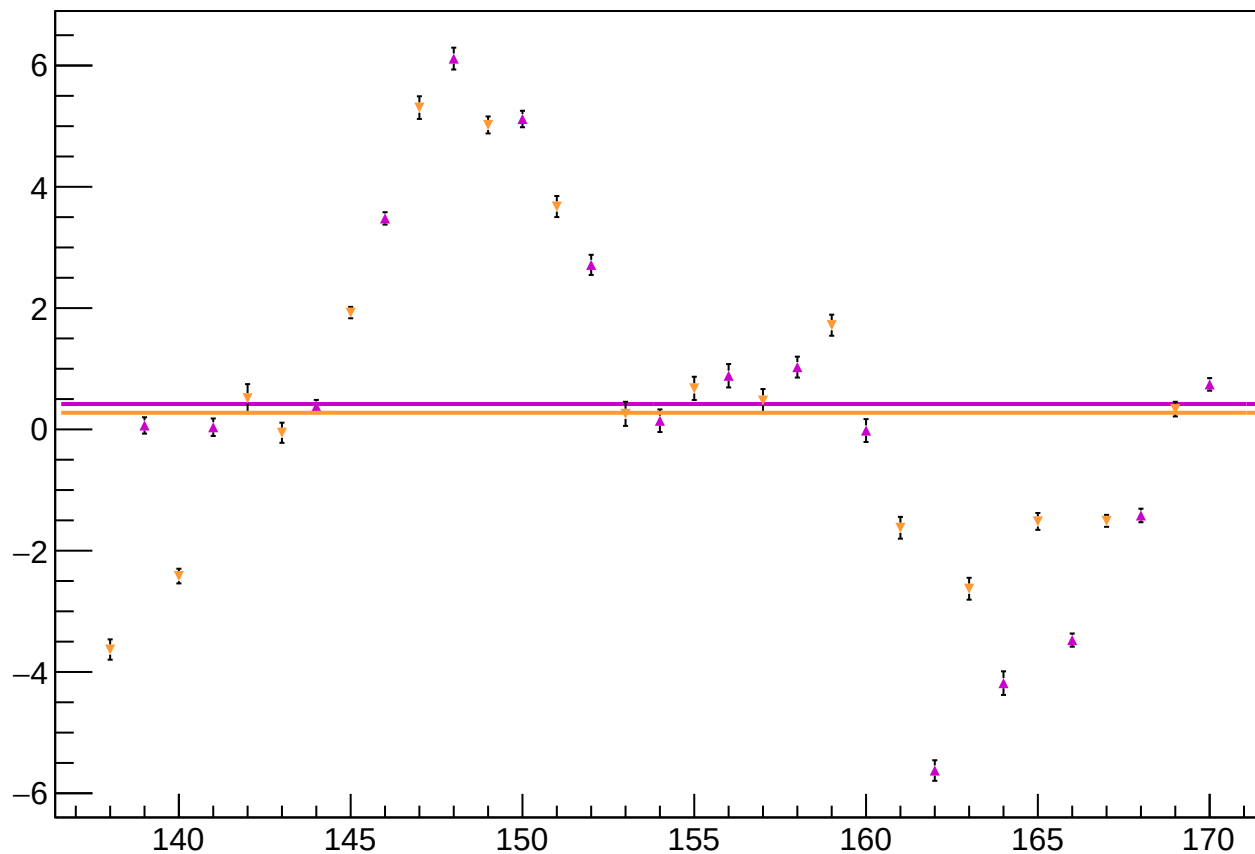
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.266 $\pm$ 0.004 χ^2 /NDF:744.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.253 $\pm$ 0.004 χ^2 /NDF:1250.8/15

Left: -0.259 $\pm$ 0.003 χ^2 /NDF: 2001.1/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.253 $\pm$ 0.004 χ^2 /NDF:1250.8/15
 Out: -0.266 $\pm$ 0.004 χ^2 /NDF:744.3/16
 All: -0.259 $\pm$ 0.003 χ^2 /NDF: 2001.1/32

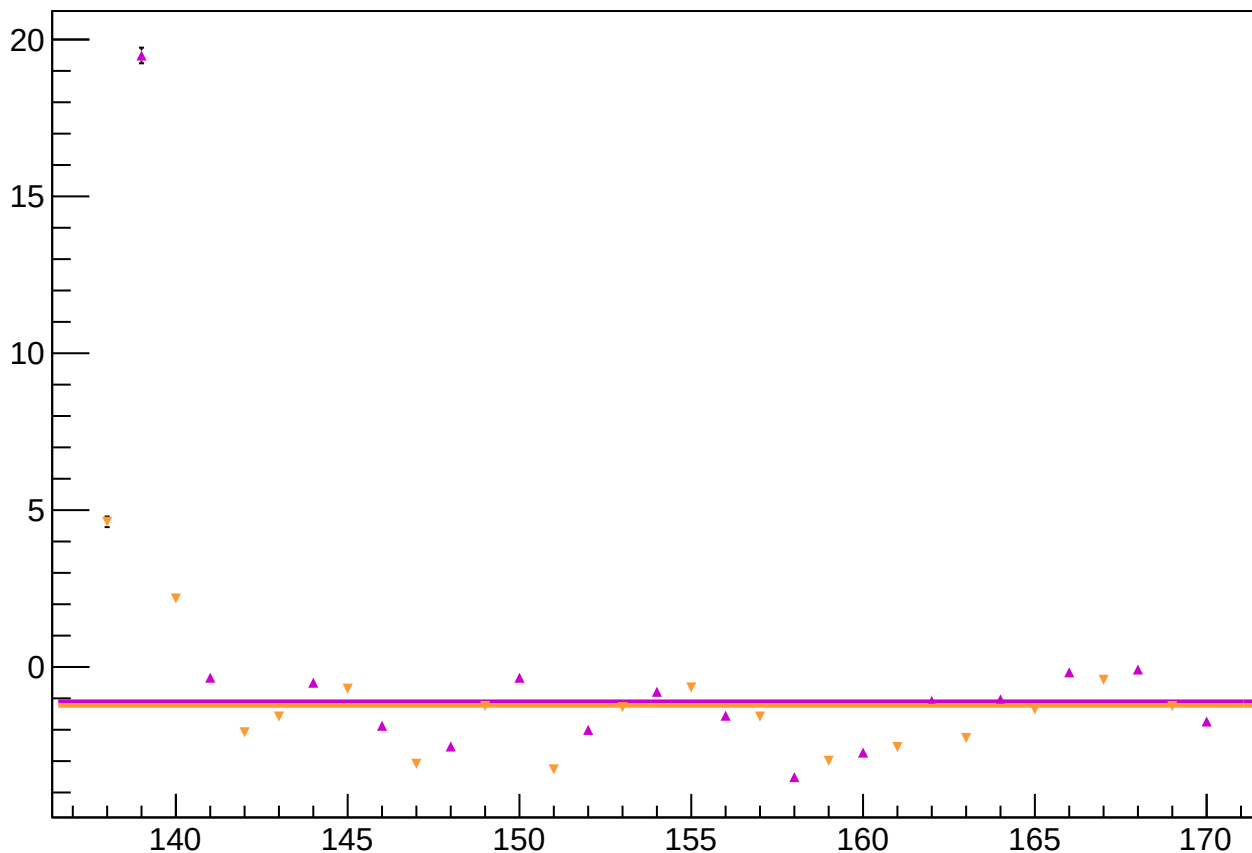
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.274 +/- 0.036 χ^2/NDF : 4549.7/16
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 0.419 +/- 0.035 χ^2/NDF : 6709.5/15

Left: 0.349 +/- 0.025 χ^2/NDF : 11267.7/32
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 0.419 +/- 0.035 χ^2/NDF : 6709.5/15
 Out: 0.274 +/- 0.036 χ^2/NDF : 4549.7/16
 All: 0.349 +/- 0.025 χ^2/NDF : 11267.7/32

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



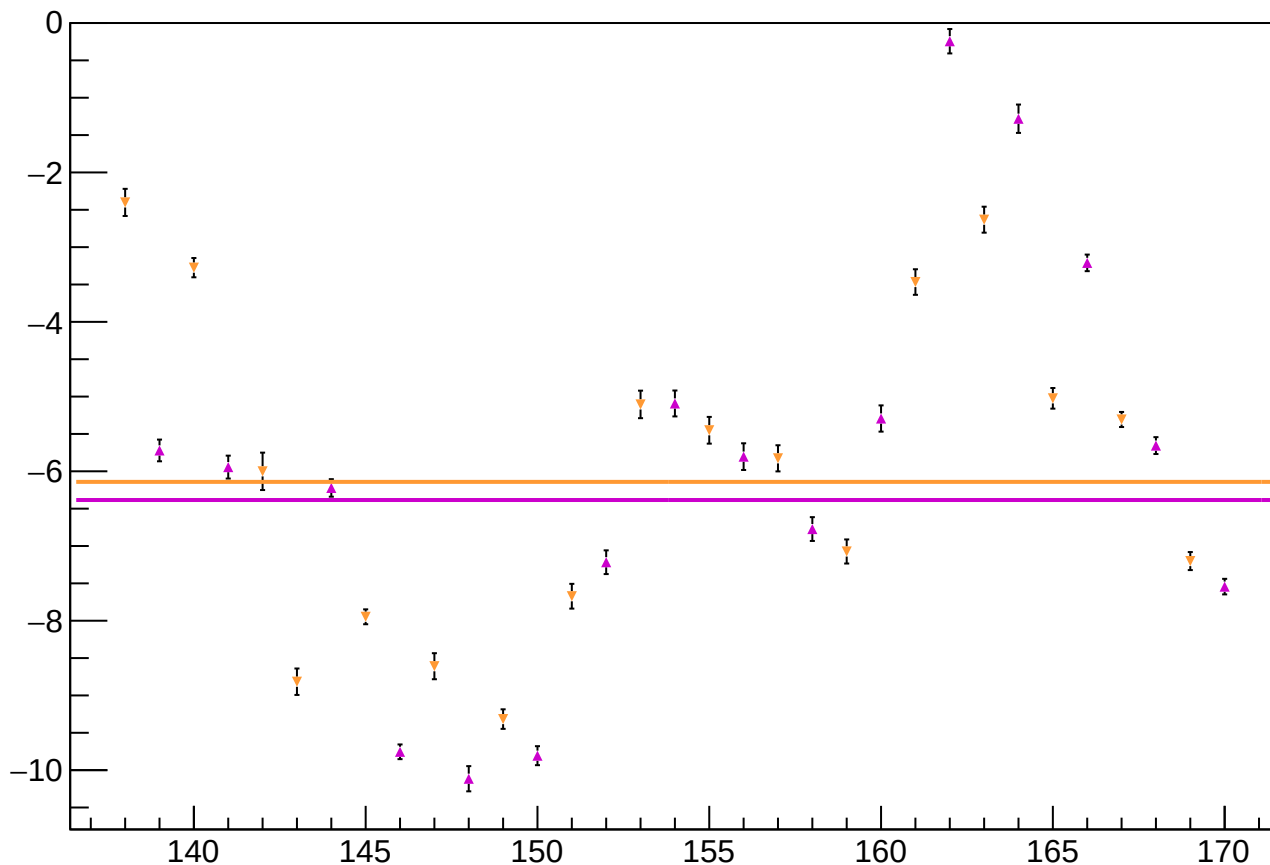
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.234+/-0.026 χ^2/NDF : 3780.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.098+/-0.026 χ^2/NDF : 8327.9/15

Left: -1.164+/-0.018 χ^2/NDF : 12122.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.098+/-0.026 χ^2/NDF : 8327.9/15
 Out: -1.234+/-0.026 χ^2/NDF : 3780.8/16

All: -1.164+/-0.018 χ^2/NDF : 12122.5/32

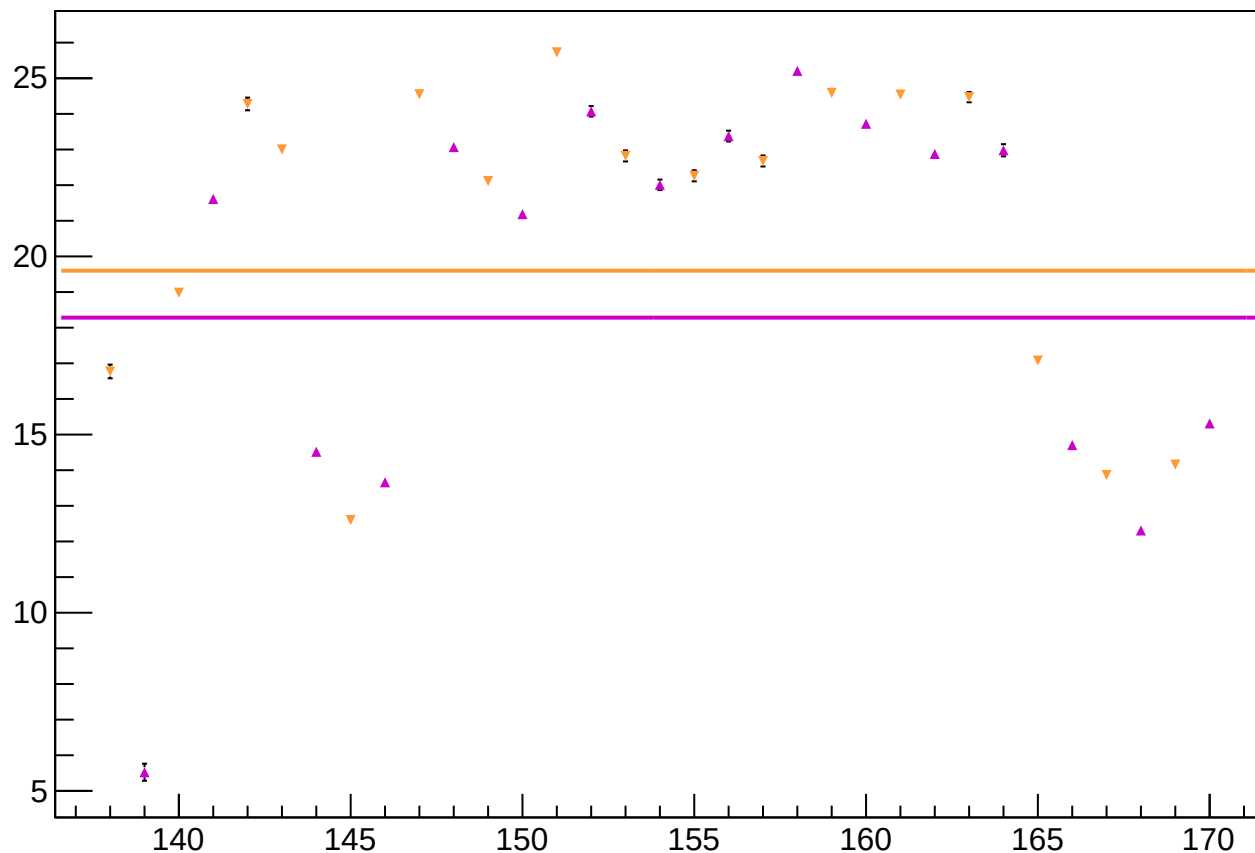
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.142 $\pm$ 0.036 χ^2 /NDF:3295.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15

Left: -6.268 $\pm$ 0.025 χ^2 /NDF: 8994.1/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15
 Out: -6.142 $\pm$ 0.036 χ^2 /NDF:3295.2/16
 All: -6.268 $\pm$ 0.025 χ^2 /NDF: 8994.1/32

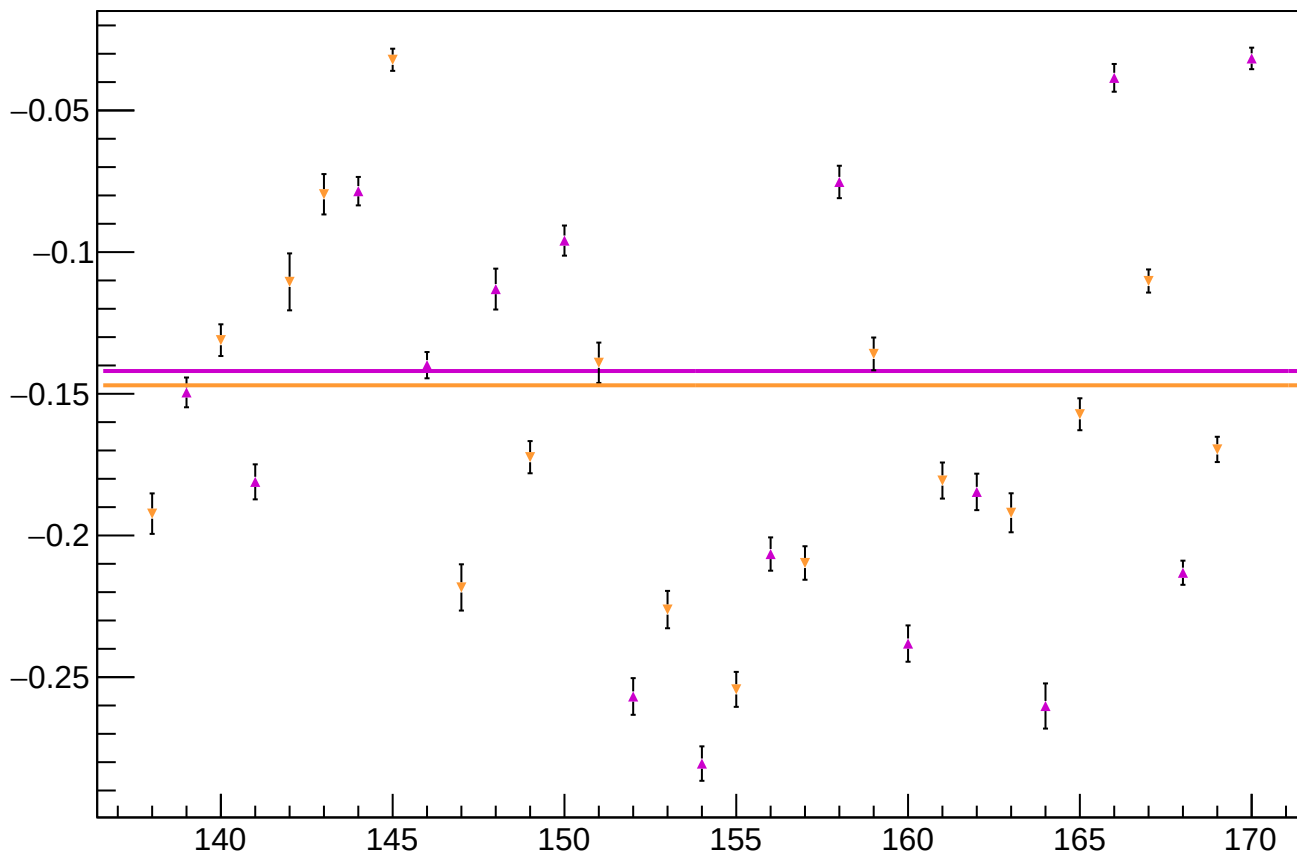
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left Out: 19.600±/-0.030 χ^2/NDF :24766.2/16
 Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.282±/-0.029 χ^2/NDF :25720.8/15

Left: 18.925±/-0.021 χ^2/NDF : 51461.8/32
 Right: 0.000±/-0.000 χ^2/NDF : 0.0/0
 In: 18.282±/-0.029 χ^2/NDF :25720.8/15
 Out: 19.600±/-0.030 χ^2/NDF :24766.2/16
 All: 18.925±/-0.021 χ^2/NDF : 51461.8/32

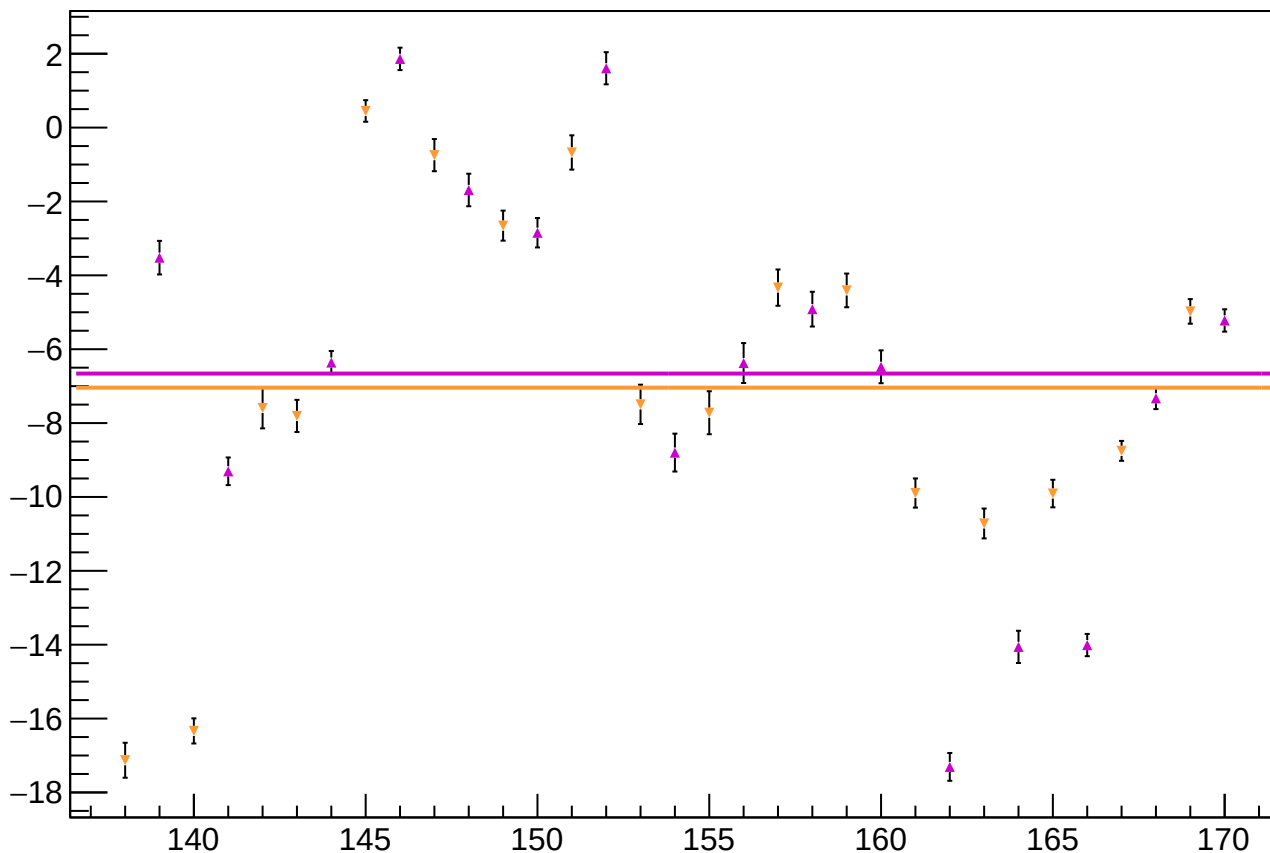
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.147+/-0.001 χ^2/NDF :1856.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.142+/-0.001 χ^2/NDF :3444.0/15

Left: -0.144+/-0.001 χ^2/NDF : 5307.2/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.142+/-0.001 χ^2/NDF :3444.0/15
 Out: -0.147+/-0.001 χ^2/NDF :1856.5/16
 All: -0.144+/-0.001 χ^2/NDF : 5307.2/32

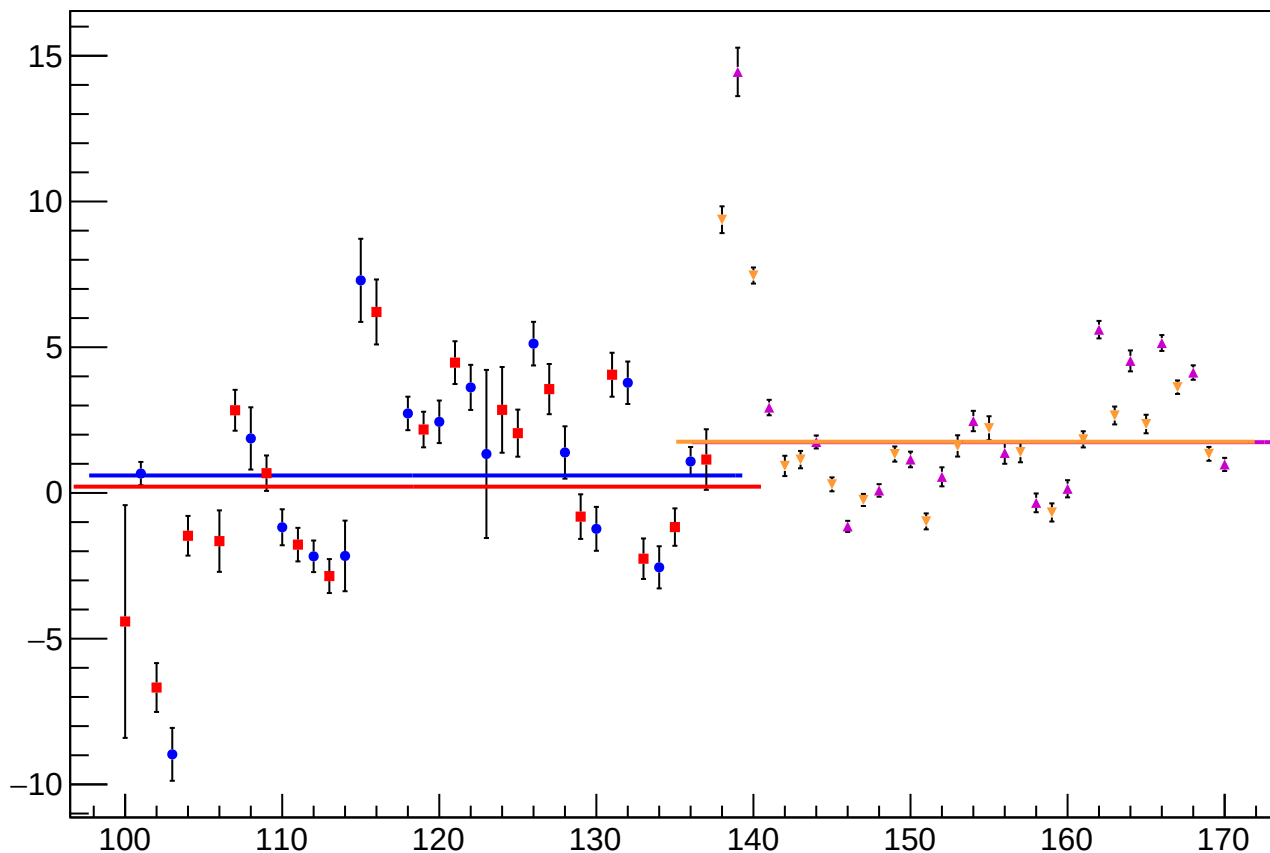
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.041+/-0.097 χ^2/NDF :2715.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.660+/-0.094 χ^2/NDF :3208.2/15

Left: -6.846+/-0.067 χ^2/NDF : 5931.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.660+/-0.094 χ^2/NDF :3208.2/15
 Out: -7.041+/-0.097 χ^2/NDF :2715.3/16
 All: -6.846+/-0.067 χ^2/NDF : 5931.5/32

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: 1.758 ± 0.069 χ^2/NDF : 1087.6/16

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.742 ± 0.069 χ^2/NDF : 1122.1/15

Left: 1.750 ± 0.049 χ^2/NDF : 2209.8/32

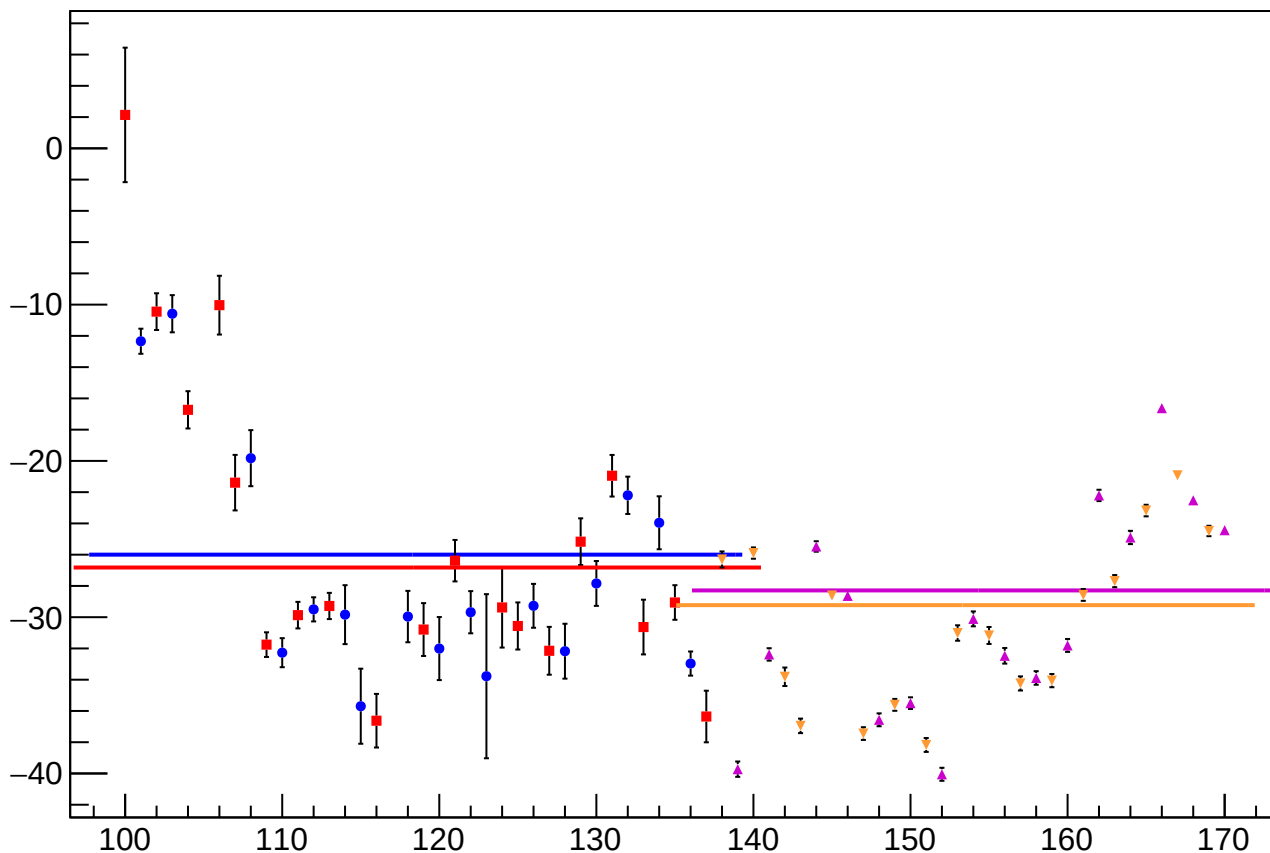
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.581 ± 0.064 χ^2/NDF : 1453.2/32

Out: 1.548 ± 0.064 χ^2/NDF : 1429.5/35

All: 1.565 ± 0.045 χ^2/NDF : 2882.8/68

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: -29.229 ± 0.096 χ^2/NDF : 3227.5/16

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -28.287 ± 0.093 χ^2/NDF : 4943.6/15

Left: -28.743 ± 0.067 χ^2/NDF : 8220.6/32

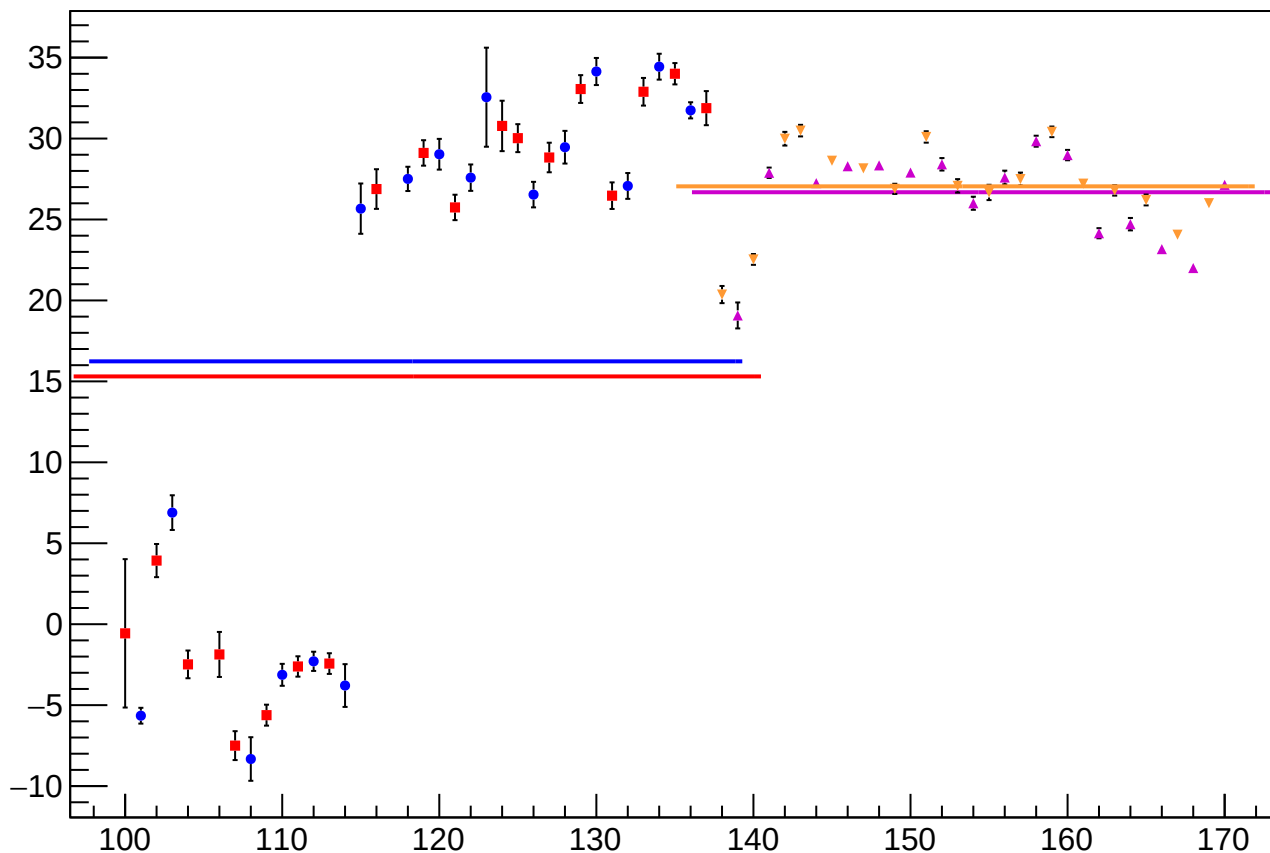
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -28.086 ± 0.089 χ^2/NDF : 5689.2/32

Out: -29.002 ± 0.091 χ^2/NDF : 3867.7/35

All: -28.531 ± 0.064 χ^2/NDF : 9608.5/68

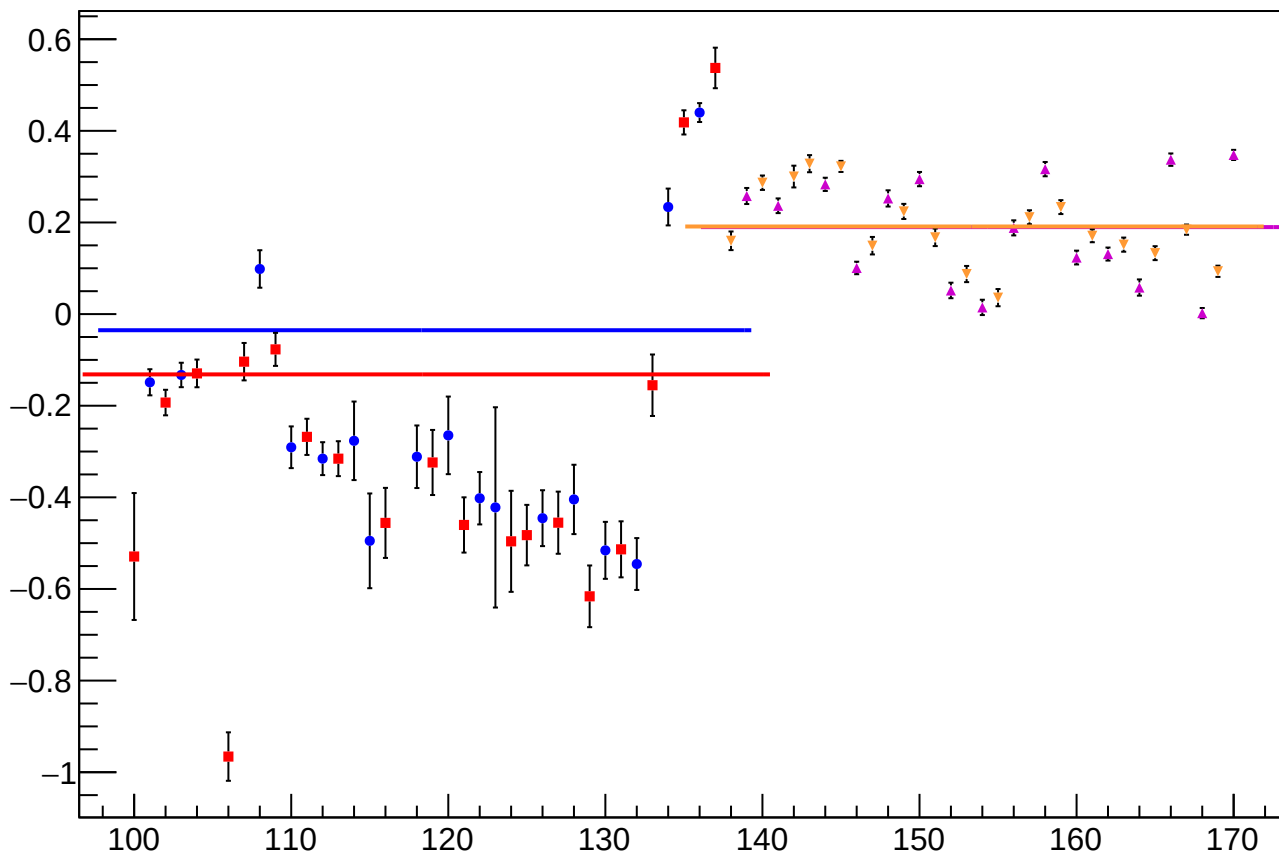
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 27.048 $\pm$ 0.080 χ^2 /NDF:874.7/16
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 26.684 $\pm$ 0.079 χ^2 /NDF:868.3/15

Left: 26.864 $\pm$ 0.056 χ^2 /NDF: 1753.4/32
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.151 $\pm$ 0.073 χ^2 /NDF:10990.7/32
 Out: 25.372 $\pm$ 0.074 χ^2 /NDF:11193.2/35
 All: 25.260 $\pm$ 0.052 χ^2 /NDF: 22188.3/68

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: 0.191 ± 0.004 χ^2/NDF : 440.6/16

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.190 ± 0.004 χ^2/NDF : 1101.6/15

Left: 0.191 ± 0.003 χ^2/NDF : 1542.2/32

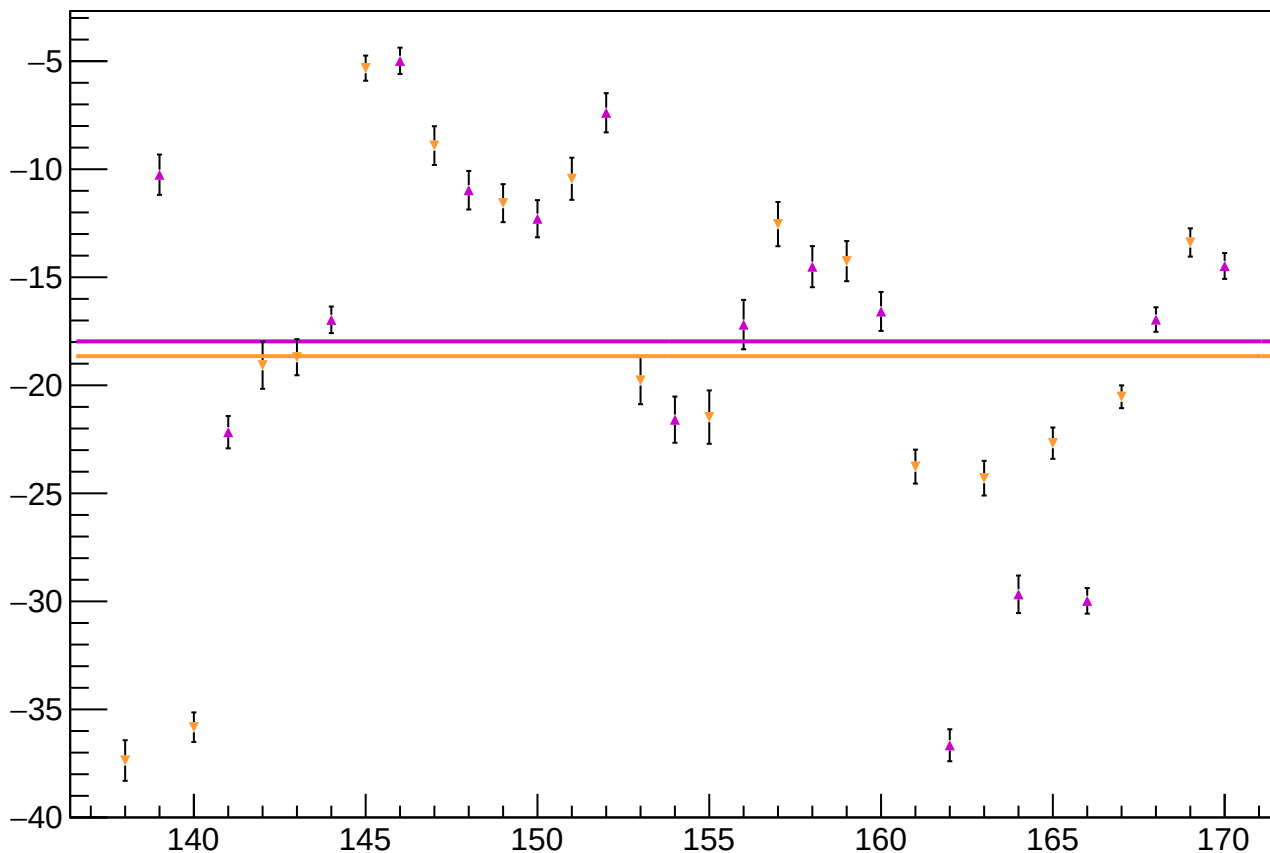
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.164 ± 0.003 χ^2/NDF : 2536.8/32

Out: 0.153 ± 0.004 χ^2/NDF : 2467.2/35

All: 0.159 ± 0.002 χ^2/NDF : 5009.1/68

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



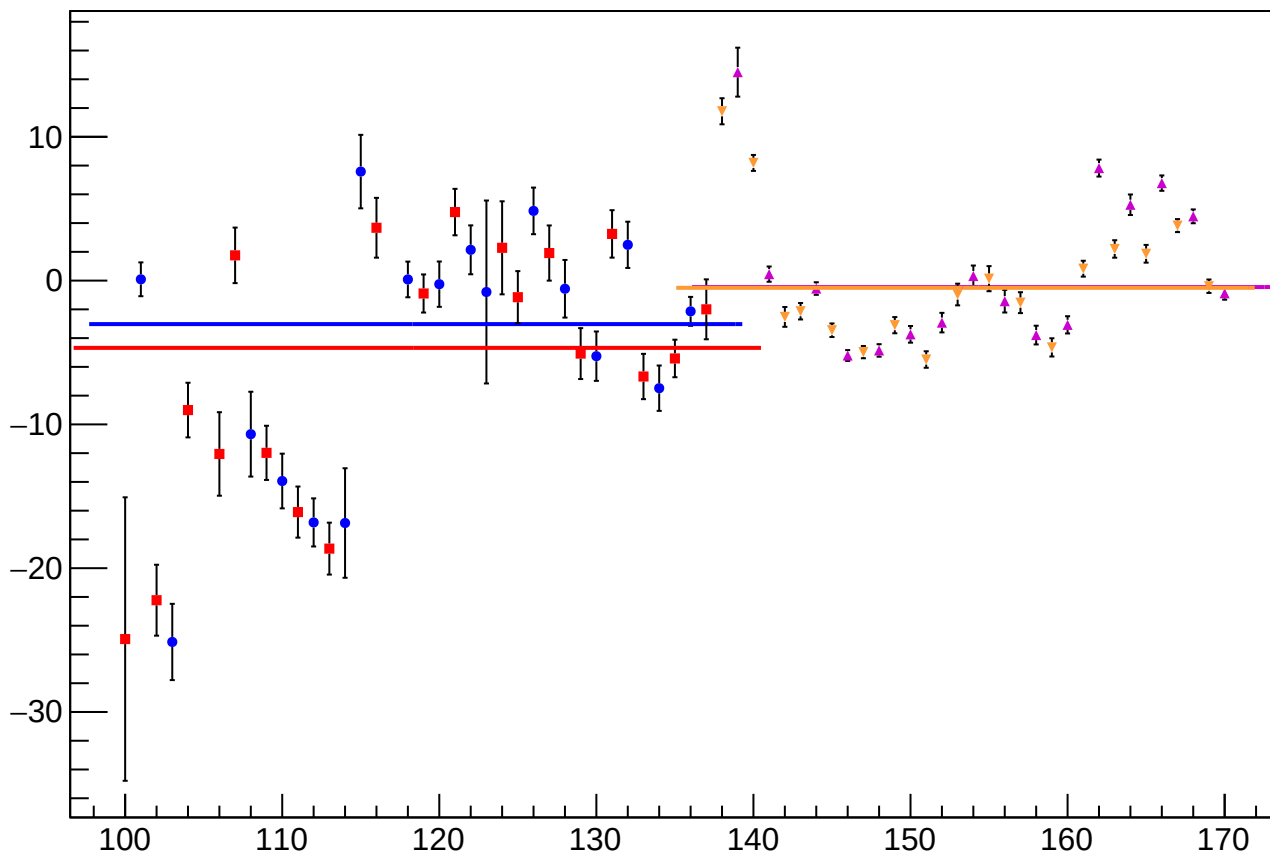
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.652+/-0.194 χ^2/NDF :2069.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.967+/-0.189 χ^2/NDF :2091.5/15

Left: -18.301+/-0.135 χ^2/NDF : 4167.0/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.967+/-0.189 χ^2/NDF :2091.5/15
 Out: -18.652+/-0.194 χ^2/NDF :2069.1/16

All: -18.301+/-0.135 χ^2/NDF : 4167.0/32

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: -0.501 ± 0.140 χ^2/NDF : 868.7/16

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -0.448 ± 0.137 χ^2/NDF : 985.0/15

Left: -0.474 ± 0.098 χ^2/NDF : 1853.9/32

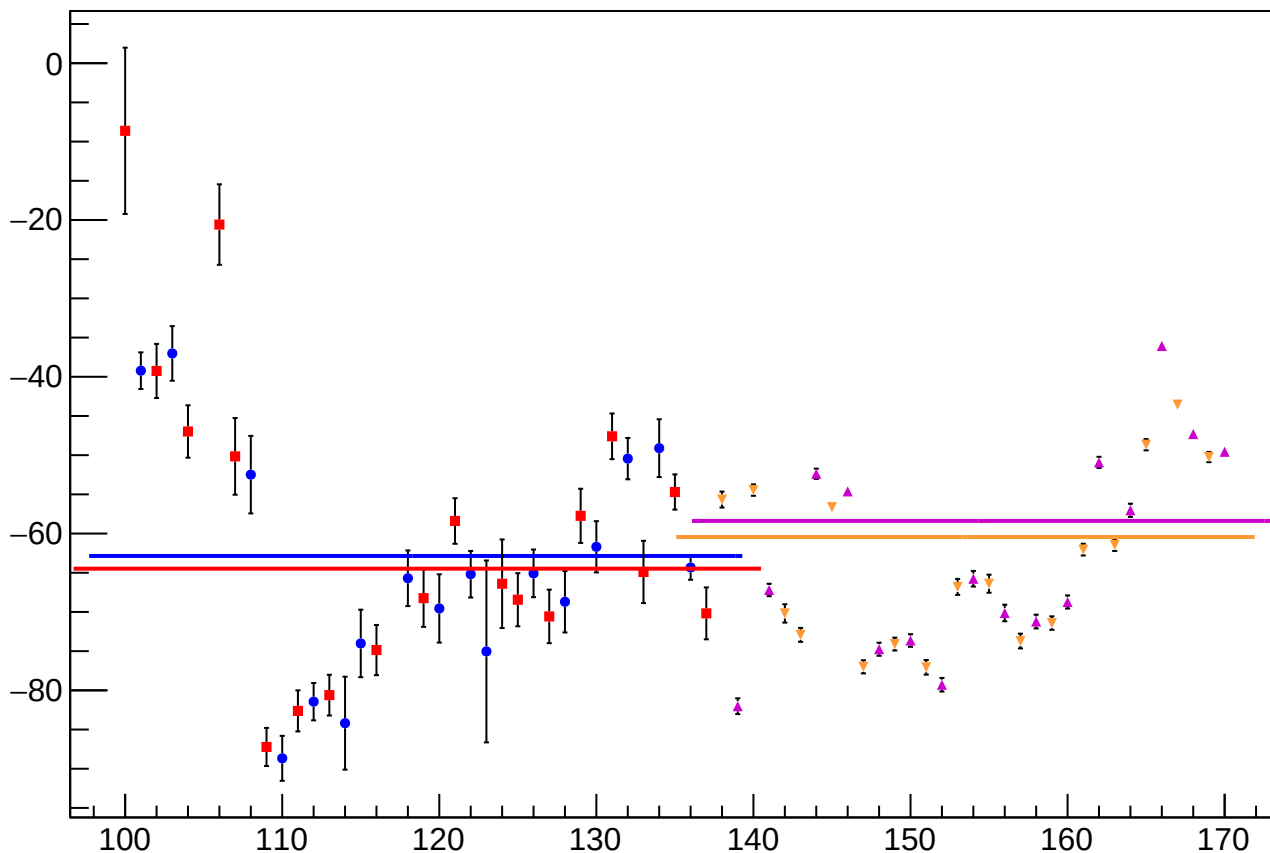
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.711 ± 0.130 χ^2/NDF : 1301.5/32

Out: -0.906 ± 0.133 χ^2/NDF : 1254.6/35

All: -0.806 ± 0.093 χ^2/NDF : 2557.2/68

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

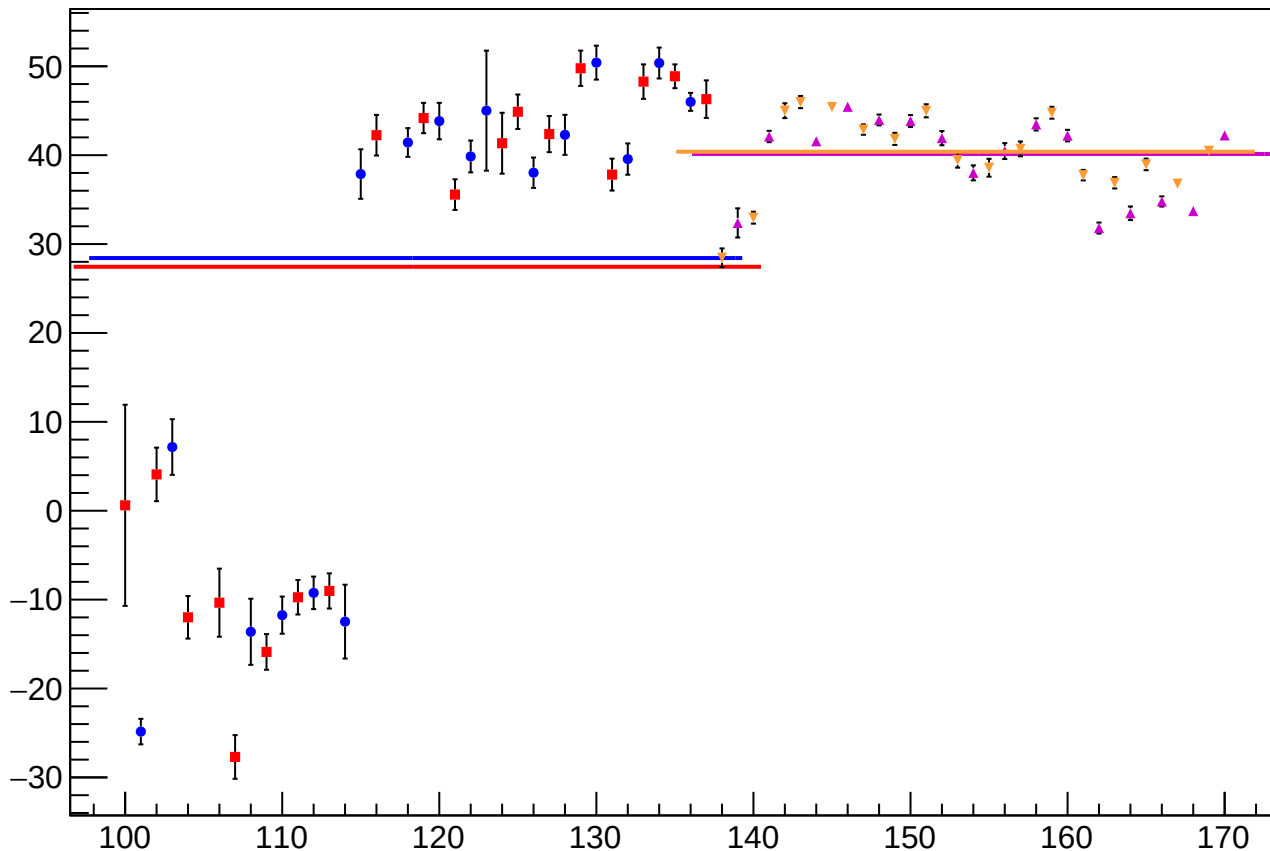


Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$
 Left Out: -60.441 ± 0.193 $\chi^2/\text{NDF}: 3299.6/16$
 Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$
 Left In: -58.389 ± 0.187 $\chi^2/\text{NDF}: 4734.9/15$

Left: -59.382 ± 0.134 $\chi^2/\text{NDF}: 8092.8/32$
 Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$
 In: -58.658 ± 0.181 $\chi^2/\text{NDF}: 5137.0/32$
 Out: -60.691 ± 0.187 $\chi^2/\text{NDF}: 3770.7/35$

All: -59.643 ± 0.130 $\chi^2/\text{NDF}: 8968.7/68$

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: 40.392 $\pm$ 0.161 χ^2 /NDF:649.1/16

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.131 $\pm$ 0.159 χ^2 /NDF:776.4/15

Left: 40.260 $\pm$ 0.113 χ^2 /NDF: 1426.9/32

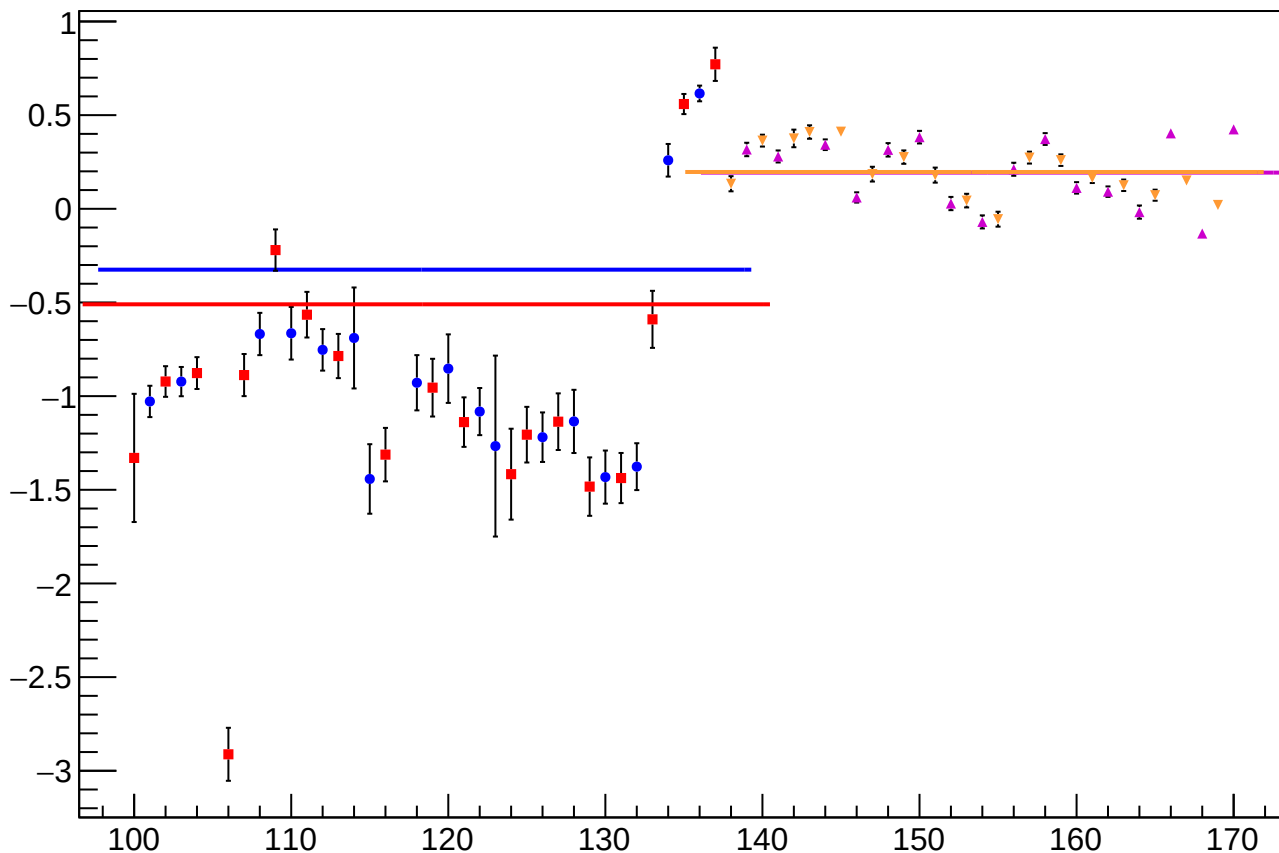
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.868 $\pm$ 0.150 χ^2 /NDF:4682.1/32

Out: 39.067 $\pm$ 0.153 χ^2 /NDF:4340.2/35

All: 38.966 $\pm$ 0.107 χ^2 /NDF: 9023.2/68

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: 0.197 ± 0.008 χ^2/NDF : 313.0/16

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.193 ± 0.007 χ^2/NDF : 677.7/15

Left: 0.195 ± 0.005 χ^2/NDF : 990.8/32

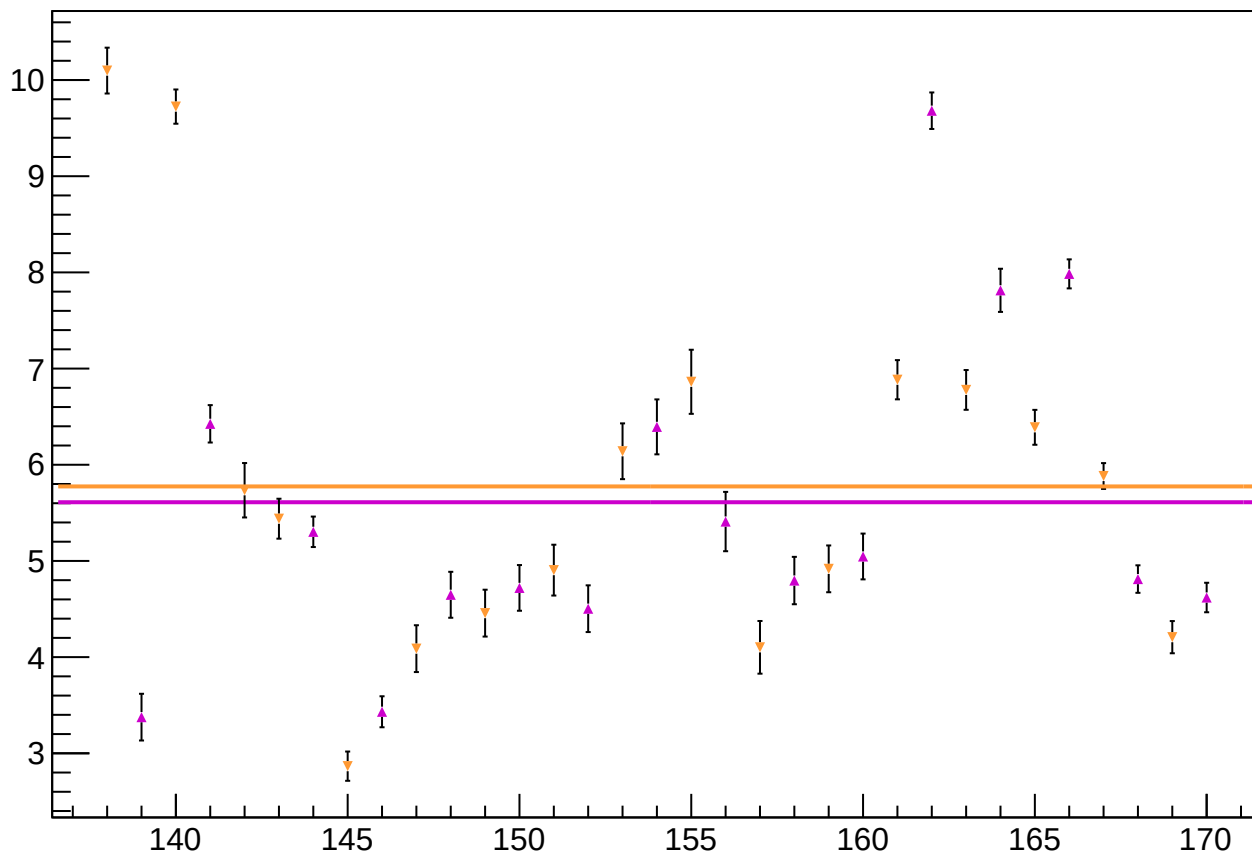
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.151 ± 0.007 χ^2/NDF : 2086.6/32

Out: 0.140 ± 0.007 χ^2/NDF : 2177.0/35

All: 0.146 ± 0.005 χ^2/NDF : 4264.9/68

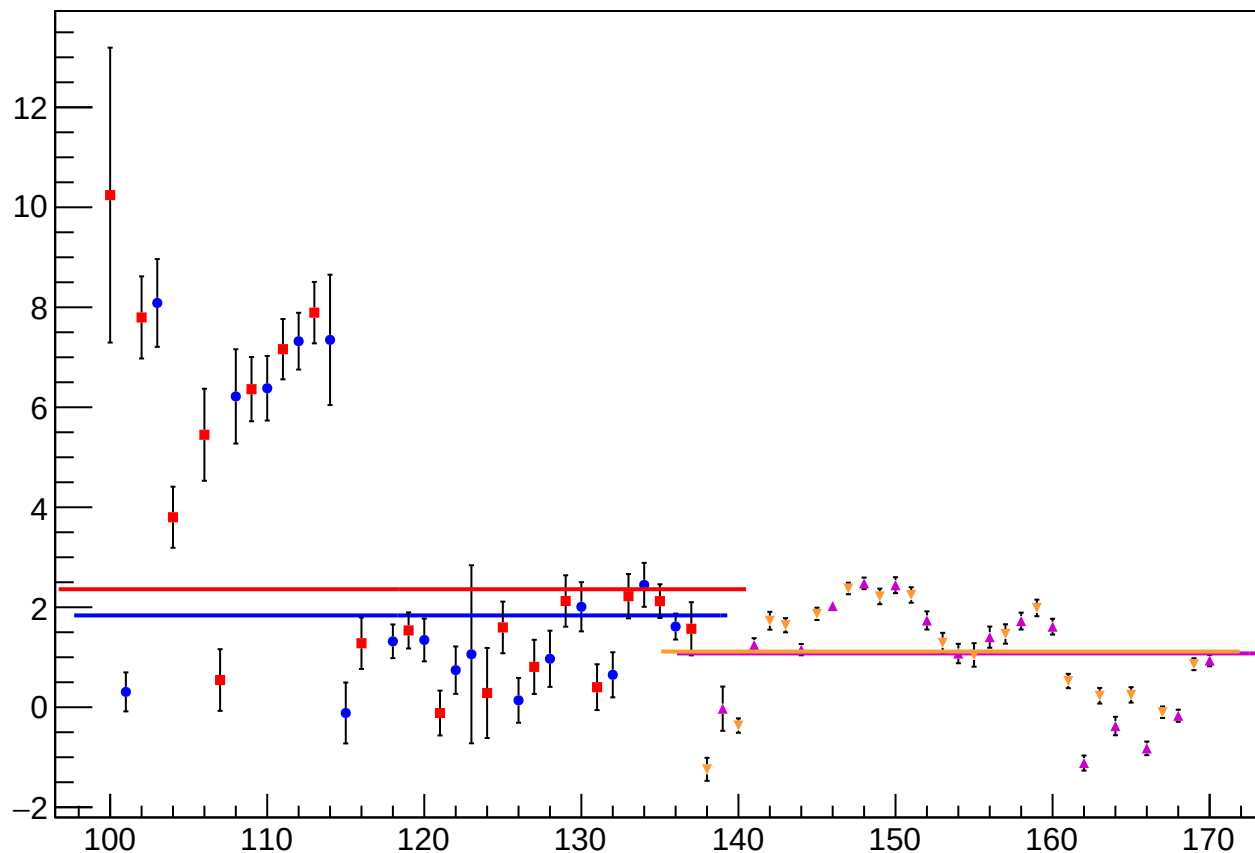
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.775+/-0.050 χ^2/NDF :1492.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.610+/-0.049 χ^2/NDF :1240.9/15

Left: 5.691+/-0.035 χ^2/NDF : 2738.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.610+/-0.049 χ^2/NDF :1240.9/15
 Out: 5.775+/-0.050 χ^2/NDF :1492.2/16
 All: 5.691+/-0.035 χ^2/NDF : 2738.6/32

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.114 ± 0.036 χ^2/NDF : 724.9/16

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.077 ± 0.036 χ^2/NDF : 935.6/15

Left: 1.095 ± 0.026 χ^2/NDF : 1661.1/32

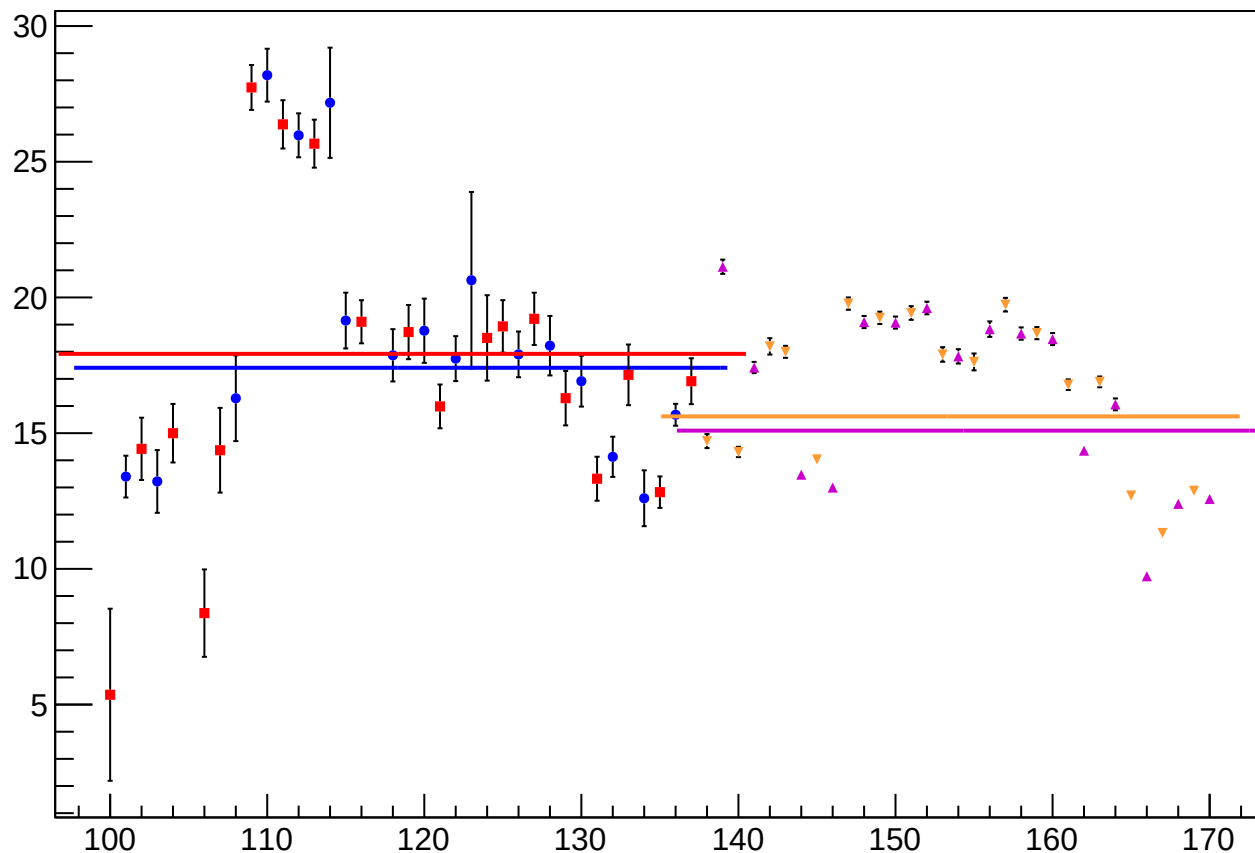
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.142 ± 0.034 χ^2/NDF : 1268.8/32

Out: 1.215 ± 0.035 χ^2/NDF : 1157.1/35

All: 1.178 ± 0.024 χ^2/NDF : 2428.1/68

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: 15.618 ± 0.050 χ^2/NDF : 3310.1/16

Right Out: 17.922 ± 0.219 χ^2/NDF : 506.5/18

Left In: 15.094 ± 0.049 χ^2/NDF : 4577.7/15

Left: 15.348 ± 0.035 χ^2/NDF : 7944.1/32

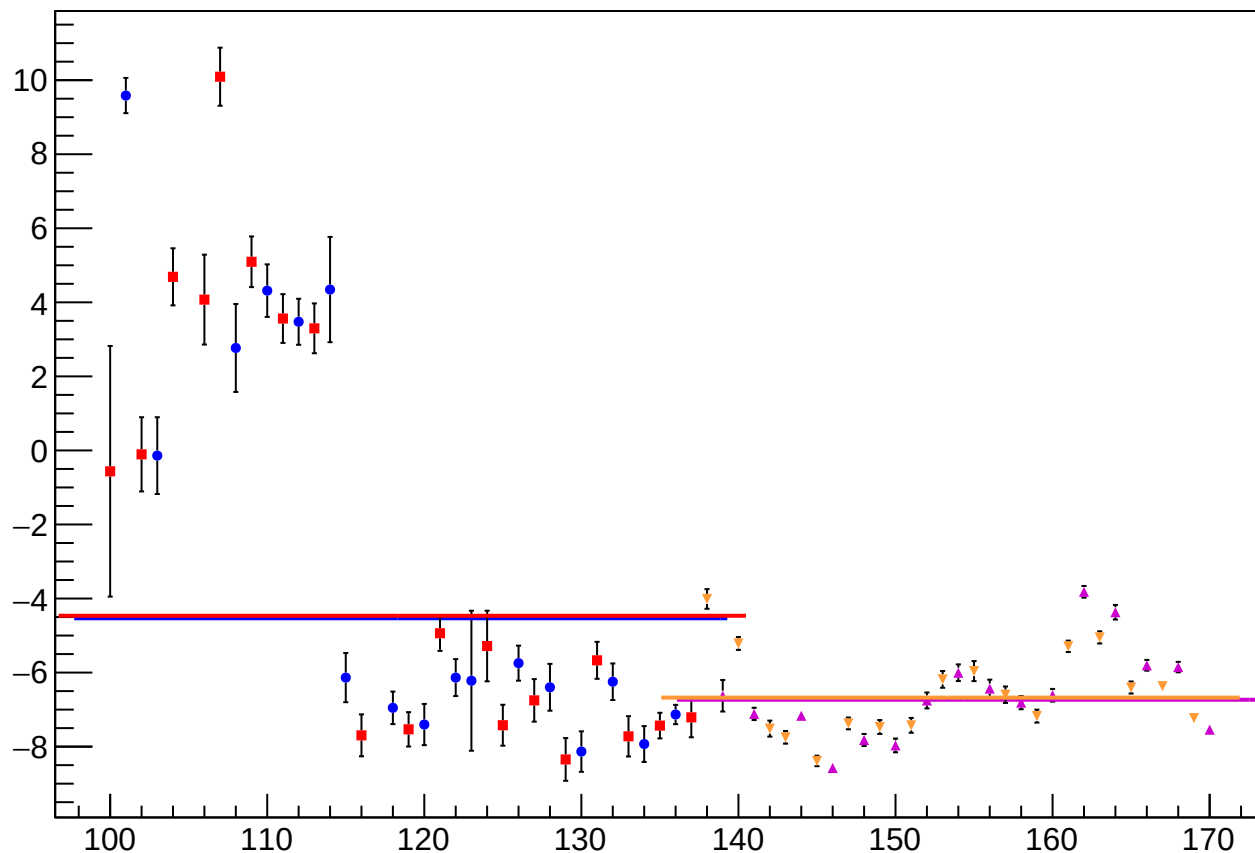
Right: 17.657 ± 0.152 χ^2/NDF : 874.4/35

In: 15.210 ± 0.047 χ^2/NDF : 5056.1/32

Out: 15.733 ± 0.049 χ^2/NDF : 3921.9/35

All: 15.464 ± 0.034 χ^2/NDF : 9037.2/68

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: -6.676 ± 0.042 χ^2/NDF : 646.3/16

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.733 ± 0.041 χ^2/NDF : 945.1/15

Left: -6.705 ± 0.030 χ^2/NDF : 1592.4/32

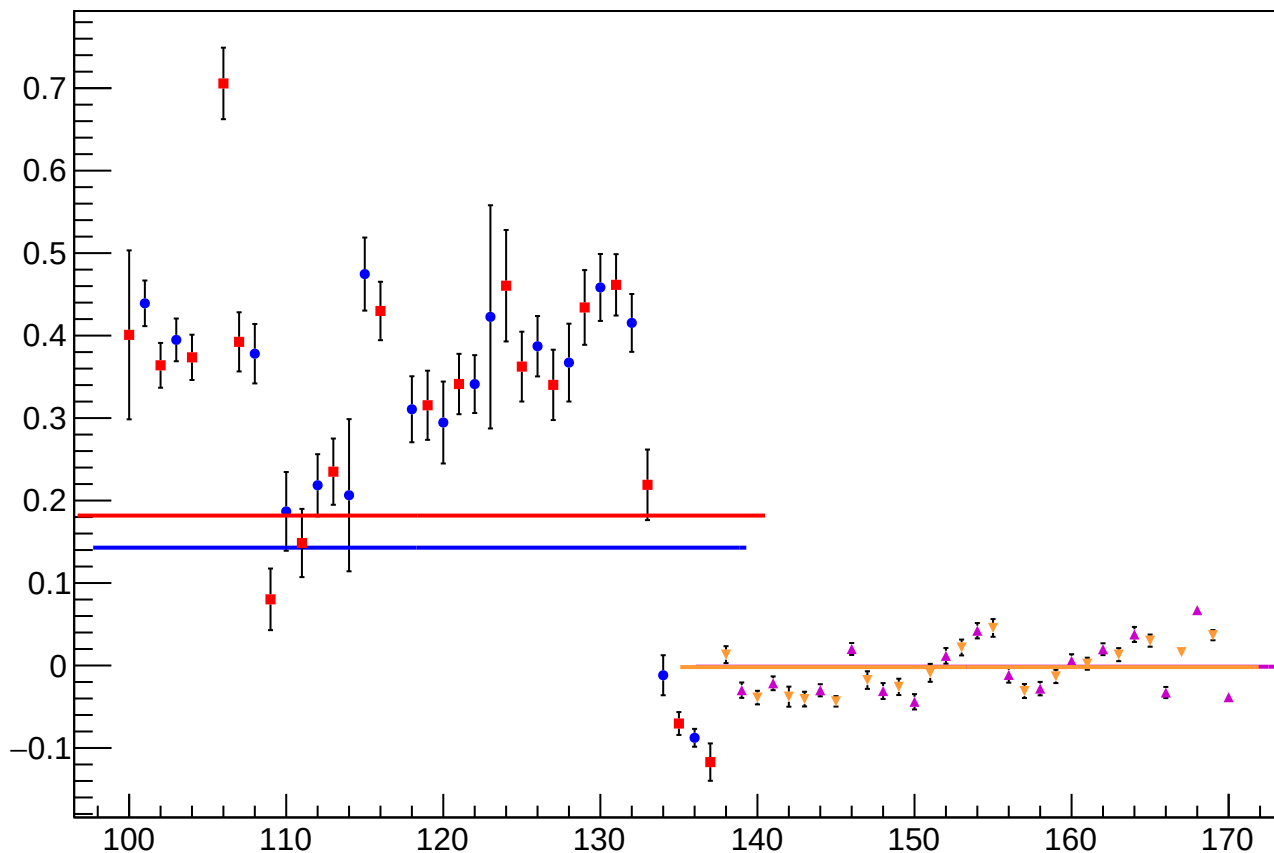
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.529 ± 0.039 χ^2/NDF : 2794.7/32

Out: -6.485 ± 0.040 χ^2/NDF : 2225.7/35

All: -6.508 ± 0.028 χ^2/NDF : 5021.0/68

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.002 $\pm$ 0.002 χ^2 /NDF: 212.8/16

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.001 $\pm$ 0.002 χ^2 /NDF: 353.5/15

Left: -0.002 $\pm$ 0.001 χ^2 /NDF: 566.4/32

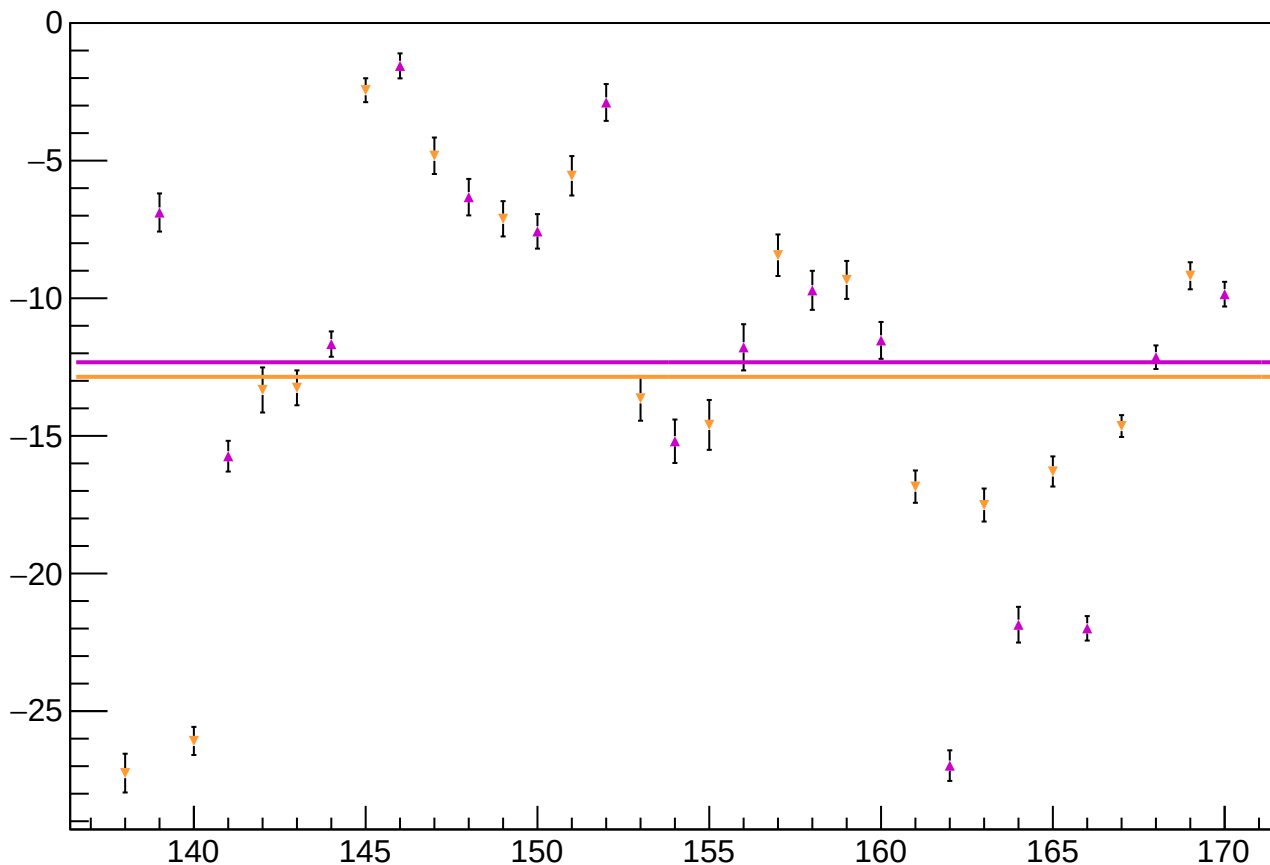
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.009 $\pm$ 0.002 χ^2 /NDF: 1801.7/32

Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 1798.8/35

All: 0.009 $\pm$ 0.001 χ^2 /NDF: 3601.0/68

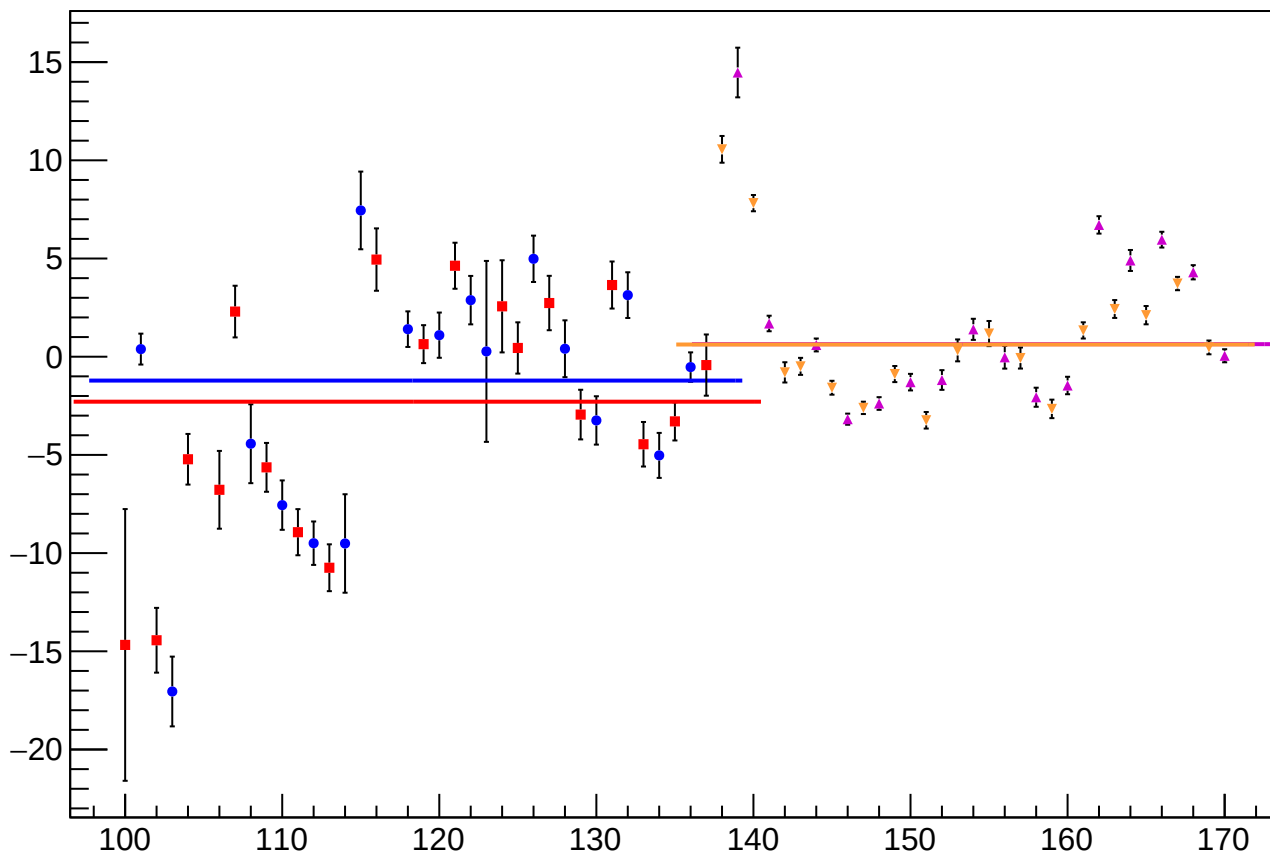
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.855+/-0.144 χ^2/NDF :2282.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.325+/-0.141 χ^2/NDF :2444.3/15

Left: -12.584+/-0.101 χ^2/NDF : 4734.0/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.325+/-0.141 χ^2/NDF :2444.3/15
 Out: -12.855+/-0.144 χ^2/NDF :2282.9/16
 All: -12.584+/-0.101 χ^2/NDF : 4734.0/32

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.621 ± 0.104 χ^2/NDF : 934.0/16

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.639 ± 0.103 χ^2/NDF : 1019.8/15

Left: 0.630 ± 0.073 χ^2/NDF : 1953.9/32

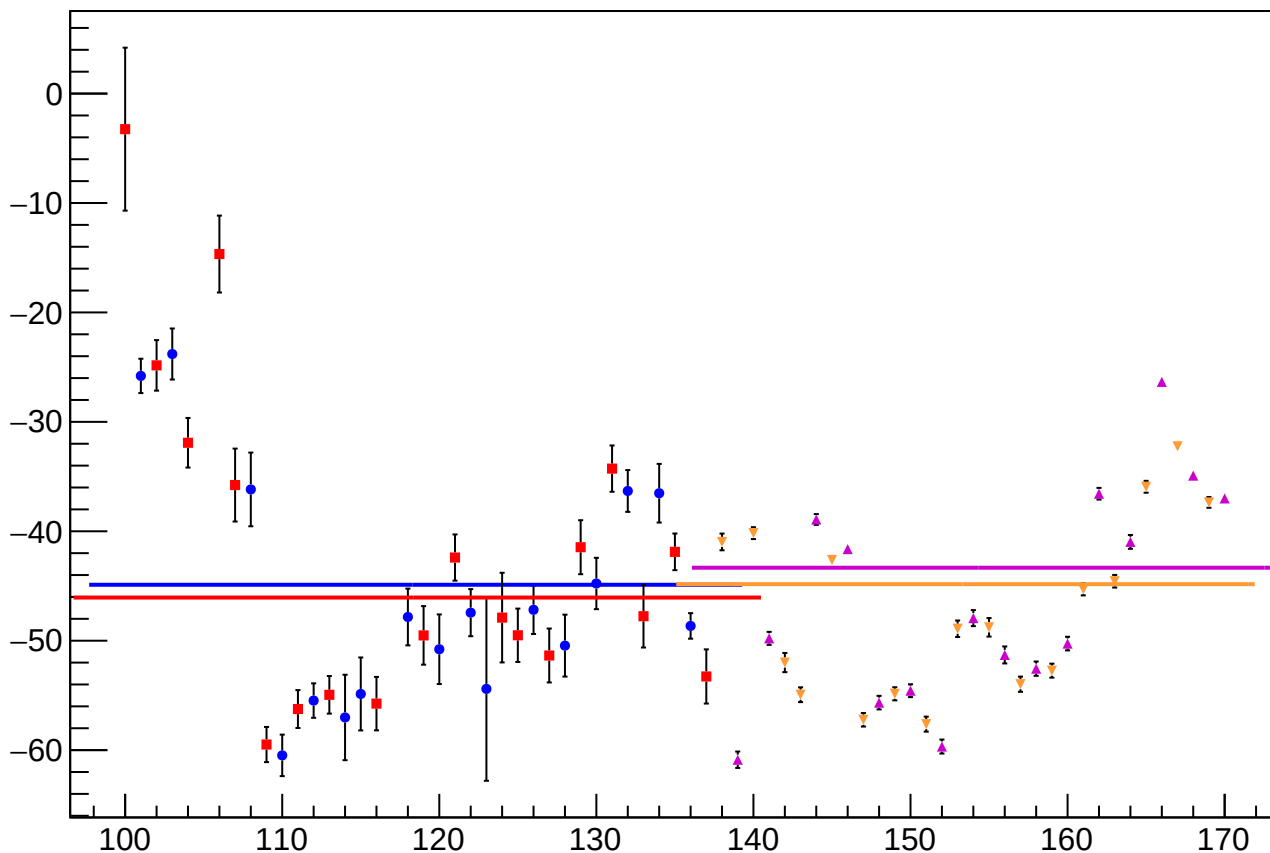
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.434 ± 0.097 χ^2/NDF : 1334.8/32

Out: 0.313 ± 0.098 χ^2/NDF : 1304.2/35

All: 0.374 ± 0.069 χ^2/NDF : 2639.8/68

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: -44.836 ± 0.144 χ^2/NDF : 3282.3/16

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -43.330 ± 0.139 χ^2/NDF : 4799.6/15

Left: -44.058 ± 0.100 χ^2/NDF : 8138.5/32

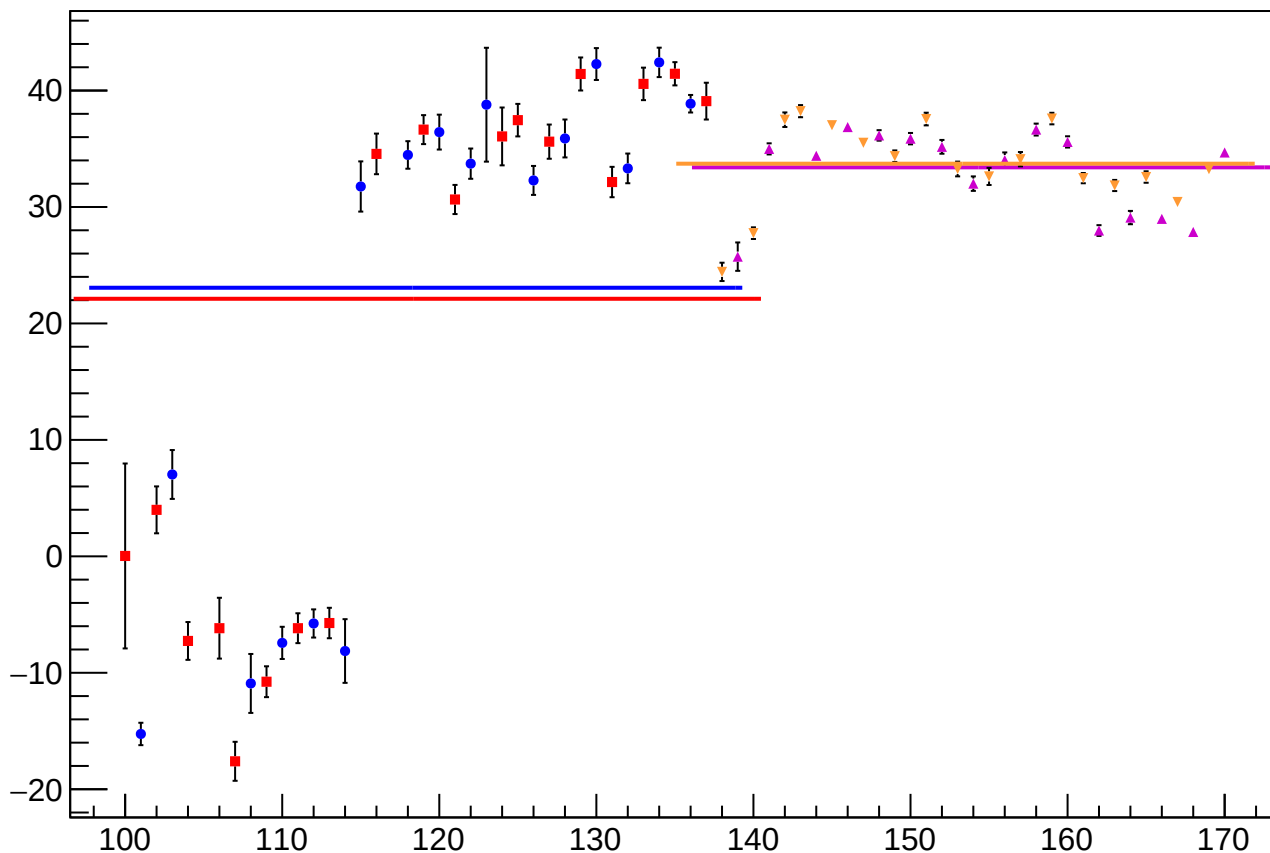
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -43.433 ± 0.135 χ^2/NDF : 5228.3/32

Out: -44.920 ± 0.139 χ^2/NDF : 3741.1/35

All: -44.154 ± 0.097 χ^2/NDF : 9028.5/68

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: 33.719 $\pm$ 0.120 χ^2 /NDF:699.0/16

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.404 $\pm$ 0.119 χ^2 /NDF:775.6/15

Left: 33.559 $\pm$ 0.085 χ^2 /NDF: 1478.1/32

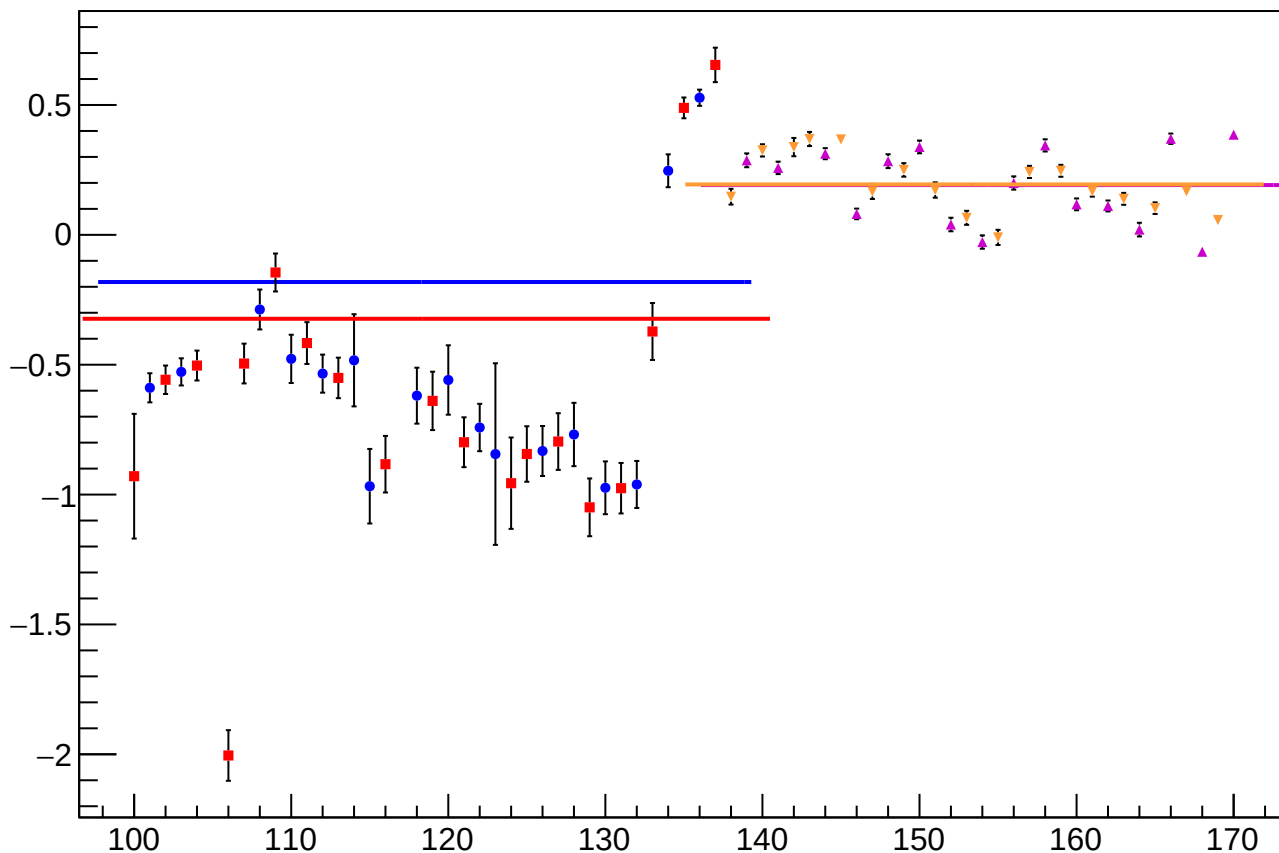
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.196 $\pm$ 0.112 χ^2 /NDF:5994.3/32

Out: 32.424 $\pm$ 0.114 χ^2 /NDF:5768.2/35

All: 32.308 $\pm$ 0.080 χ^2 /NDF: 11764.5/68

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.194 ± 0.006 χ^2/NDF : 353.5/16

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.192 ± 0.006 χ^2/NDF : 811.2/15

Left: 0.193 ± 0.004 χ^2/NDF : 1164.8/32

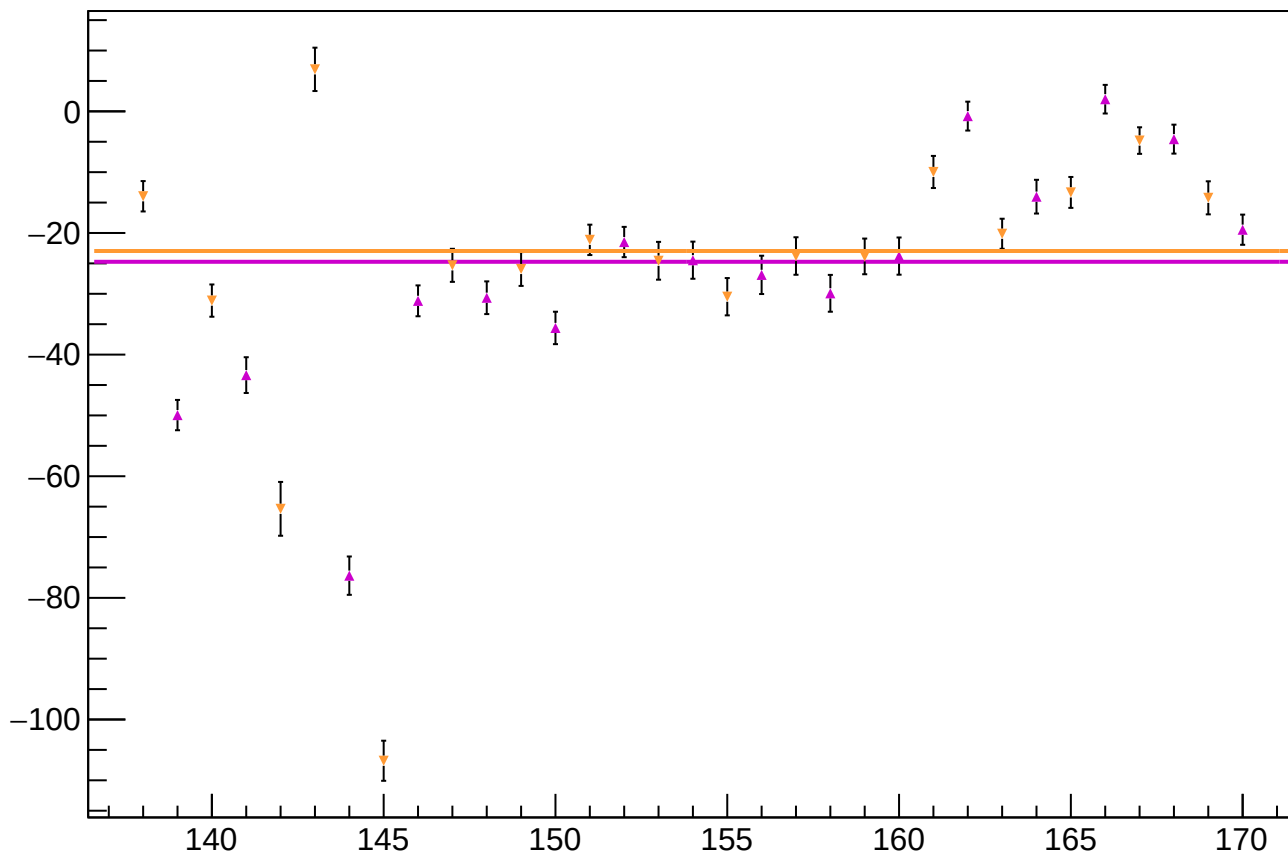
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.159 ± 0.005 χ^2/NDF : 2211.5/32

Out: 0.148 ± 0.005 χ^2/NDF : 2276.6/35

All: 0.154 ± 0.004 χ^2/NDF : 4489.9/68

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



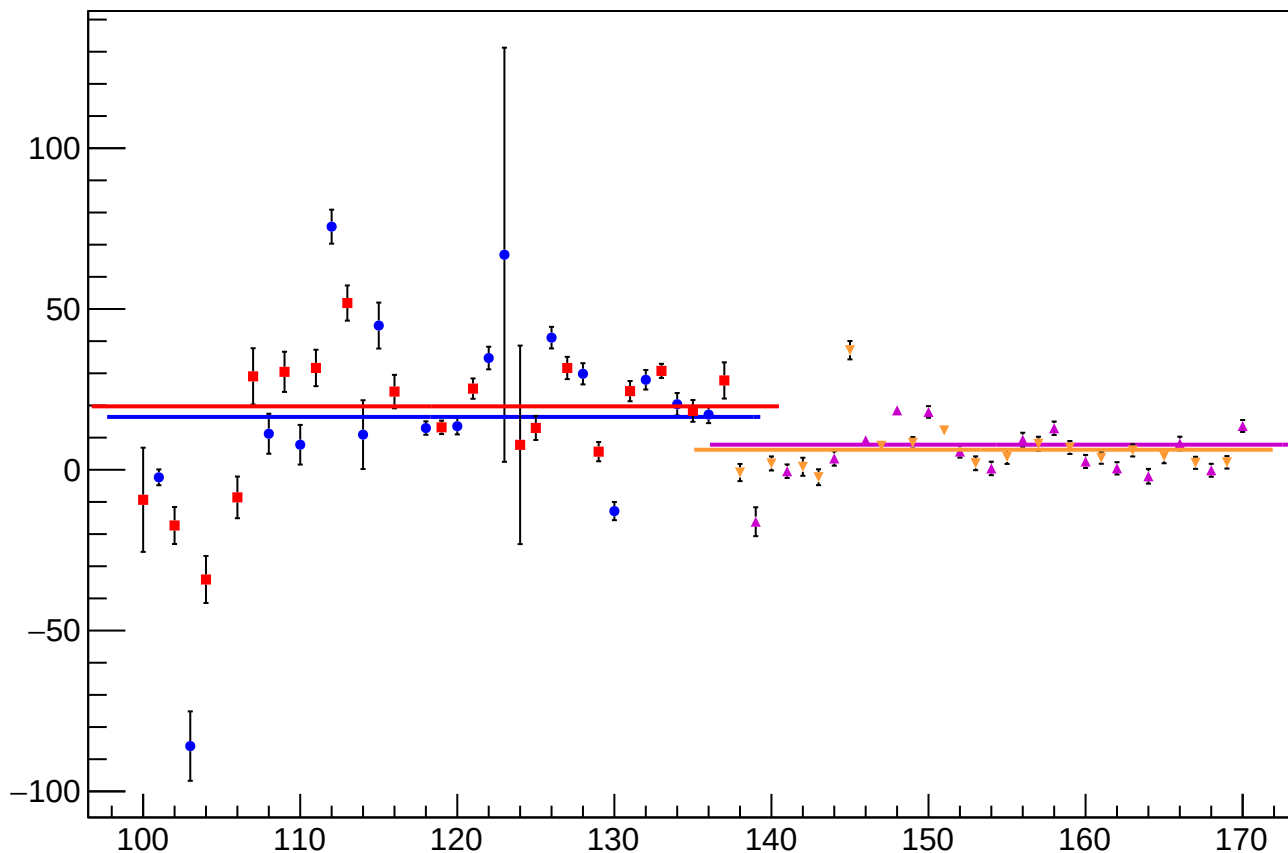
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -22.963 ± 0.676 $\chi^2/\text{NDF}: 959.1/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -24.737 ± 0.671 $\chi^2/\text{NDF}: 765.4/15$

Left: -23.857 ± 0.476 $\chi^2/\text{NDF}: 1728.0/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -24.737 ± 0.671 $\chi^2/\text{NDF}: 765.4/15$
 Out: -22.963 ± 0.676 $\chi^2/\text{NDF}: 959.1/16$

All: -23.857 ± 0.476 $\chi^2/\text{NDF}: 1728.0/32$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 6.241 ± 0.478 $\chi^2/\text{NDF}: 181.1/16$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 7.806 ± 0.486 $\chi^2/\text{NDF}: 232.0/15$

Left: 7.010 ± 0.341 $\chi^2/\text{NDF}: 418.3/32$

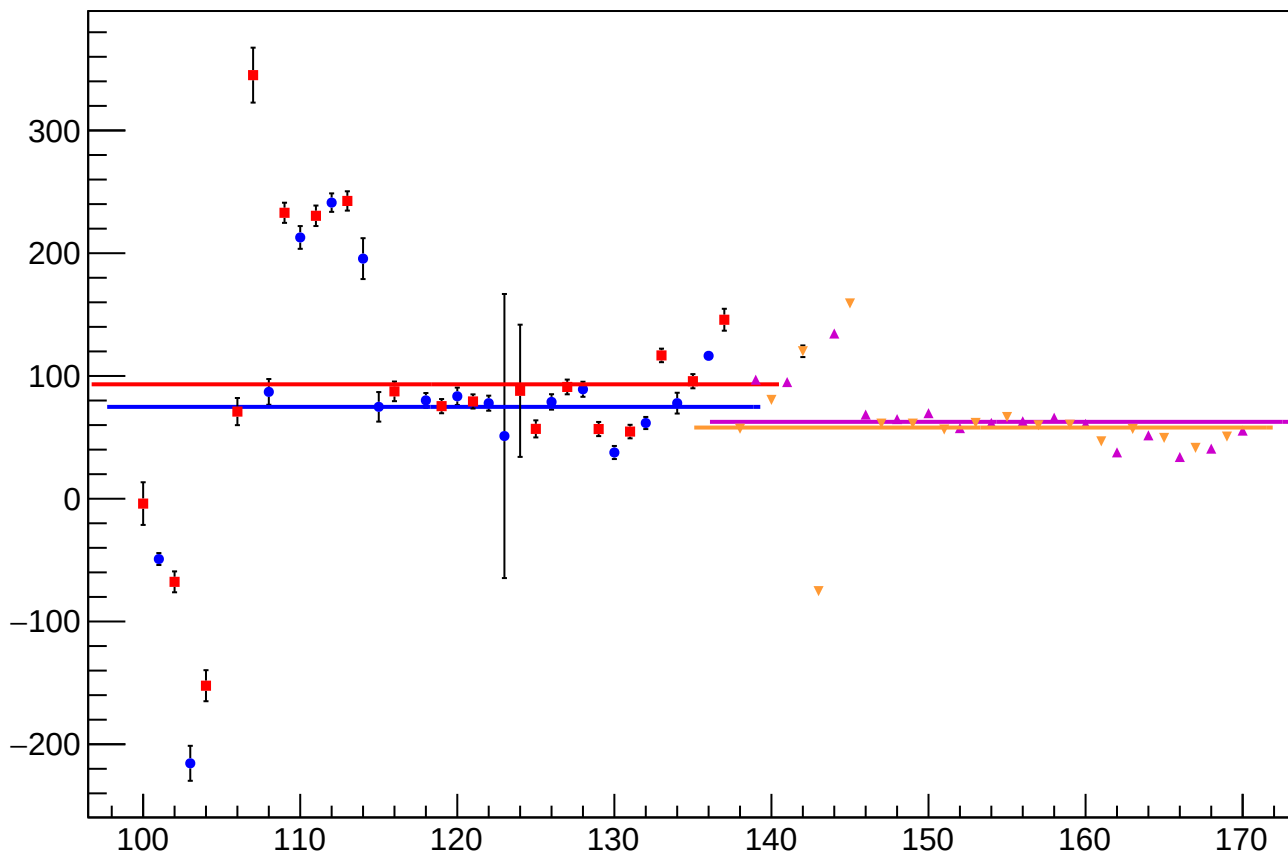
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 9.941 ± 0.422 $\chi^2/\text{NDF}: 826.8/32$

Out: 9.218 ± 0.422 $\chi^2/\text{NDF}: 598.5/35$

All: 9.579 ± 0.298 $\chi^2/\text{NDF}: 1426.8/68$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 57.985+/-0.664 χ^2 /NDF:2444.9/16

Right Out: 93.202+/-1.712 χ^2 /NDF: 2000.7/18

Left In: 62.632+/-0.657 χ^2 /NDF:1113.8/15

Left: 60.336+/-0.467 χ^2 /NDF: 3583.4/32

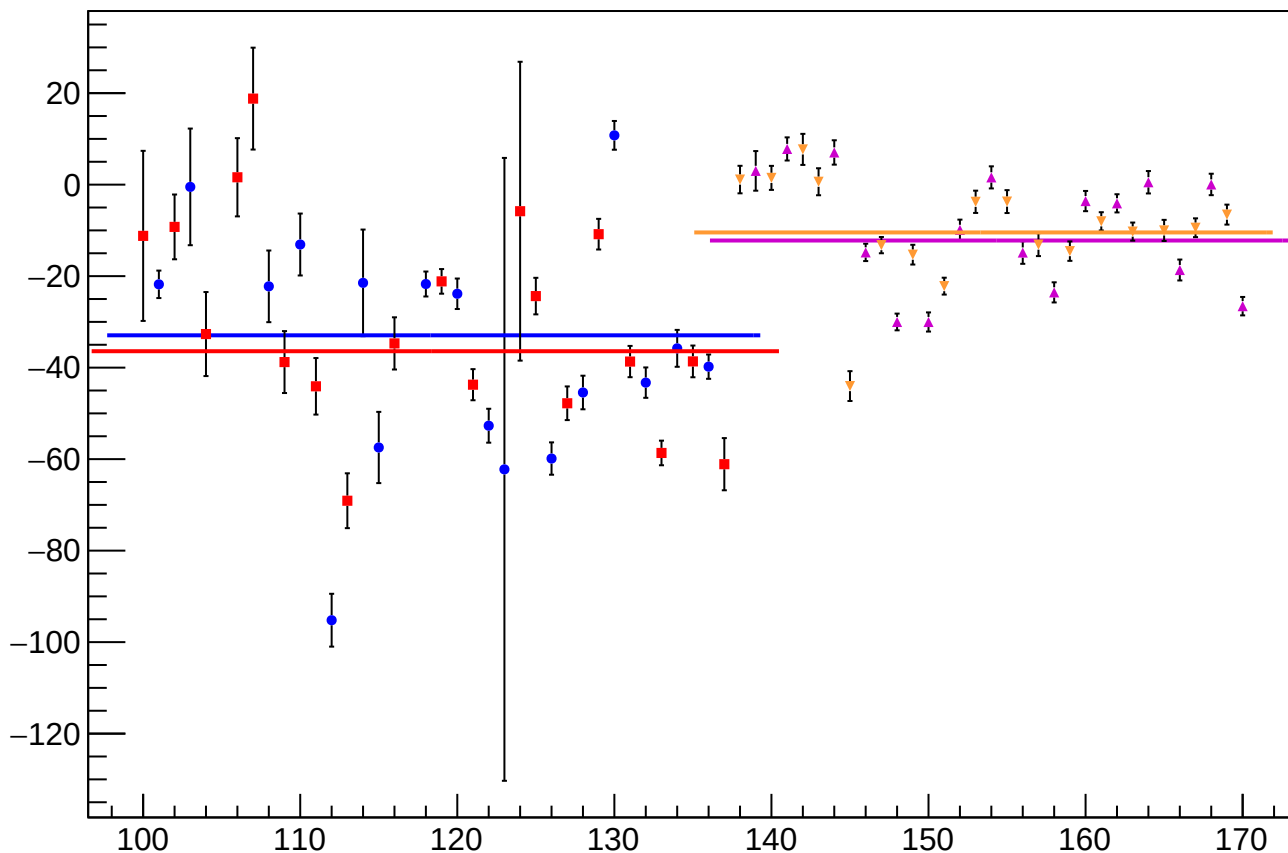
Right: 83.612+/-1.184 χ^2 /NDF: 4057.7/35

In: 64.318+/-0.609 χ^2 /NDF:3158.3/32

Out: 62.597+/-0.619 χ^2 /NDF:4813.5/35

All: 63.472+/-0.434 χ^2 /NDF: 7975.7/68

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: -10.447 ± 0.557 $\chi^2/\text{NDF}: 256.8/16$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -12.212 ± 0.564 $\chi^2/\text{NDF}: 502.9/15$

Left: -11.318 ± 0.396 $\chi^2/\text{NDF}: 764.6/32$

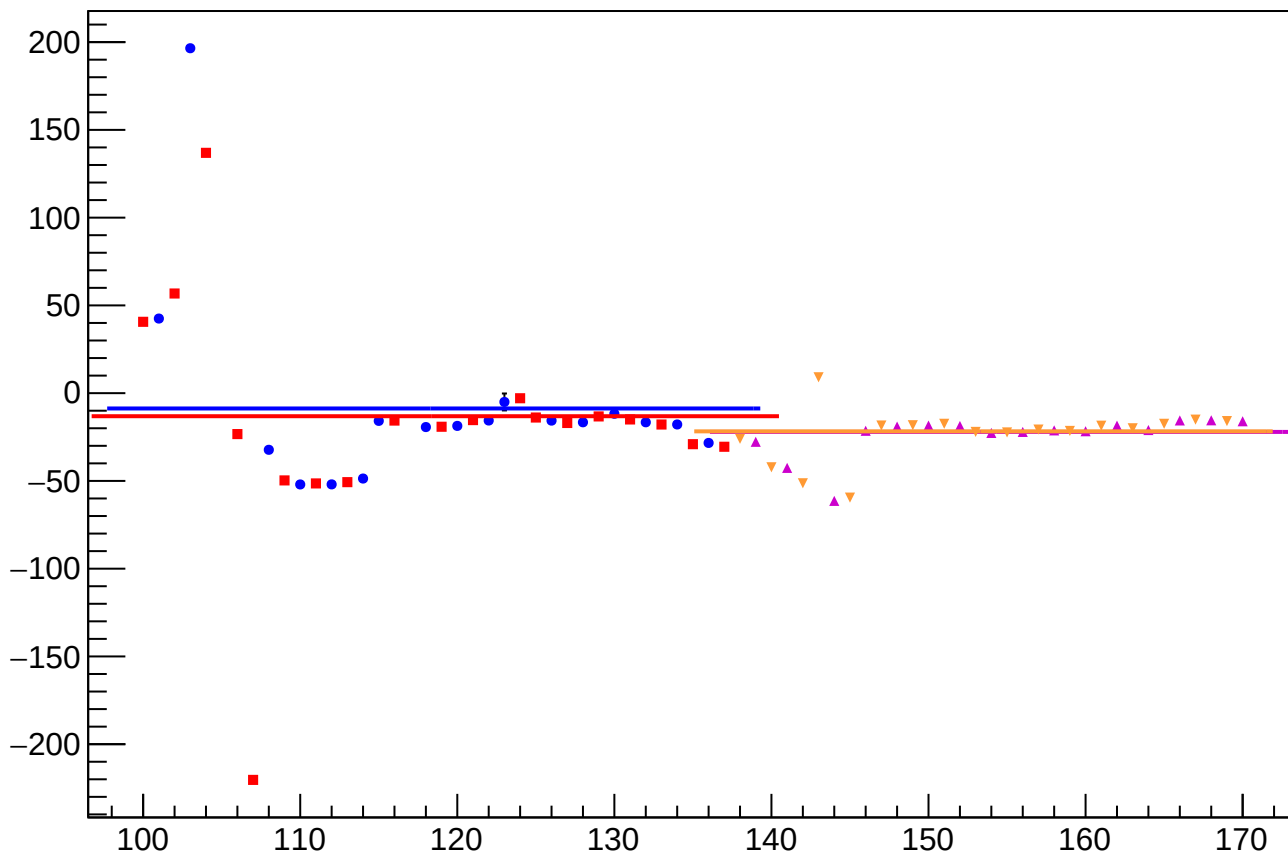
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -17.422 ± 0.488 $\chi^2/\text{NDF}: 1332.9/32$

Out: -16.358 ± 0.489 $\chi^2/\text{NDF}: 1047.4/35$

All: -16.892 ± 0.345 $\chi^2/\text{NDF}: 2382.7/68$

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: -21.759 ± 0.026 $\chi^2/\text{NDF}: 187937.8/16$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -22.084 ± 0.026 $\chi^2/\text{NDF}: 119301.5/15$

Left: -21.924 ± 0.018 $\chi^2/\text{NDF}: 307318.1/32$

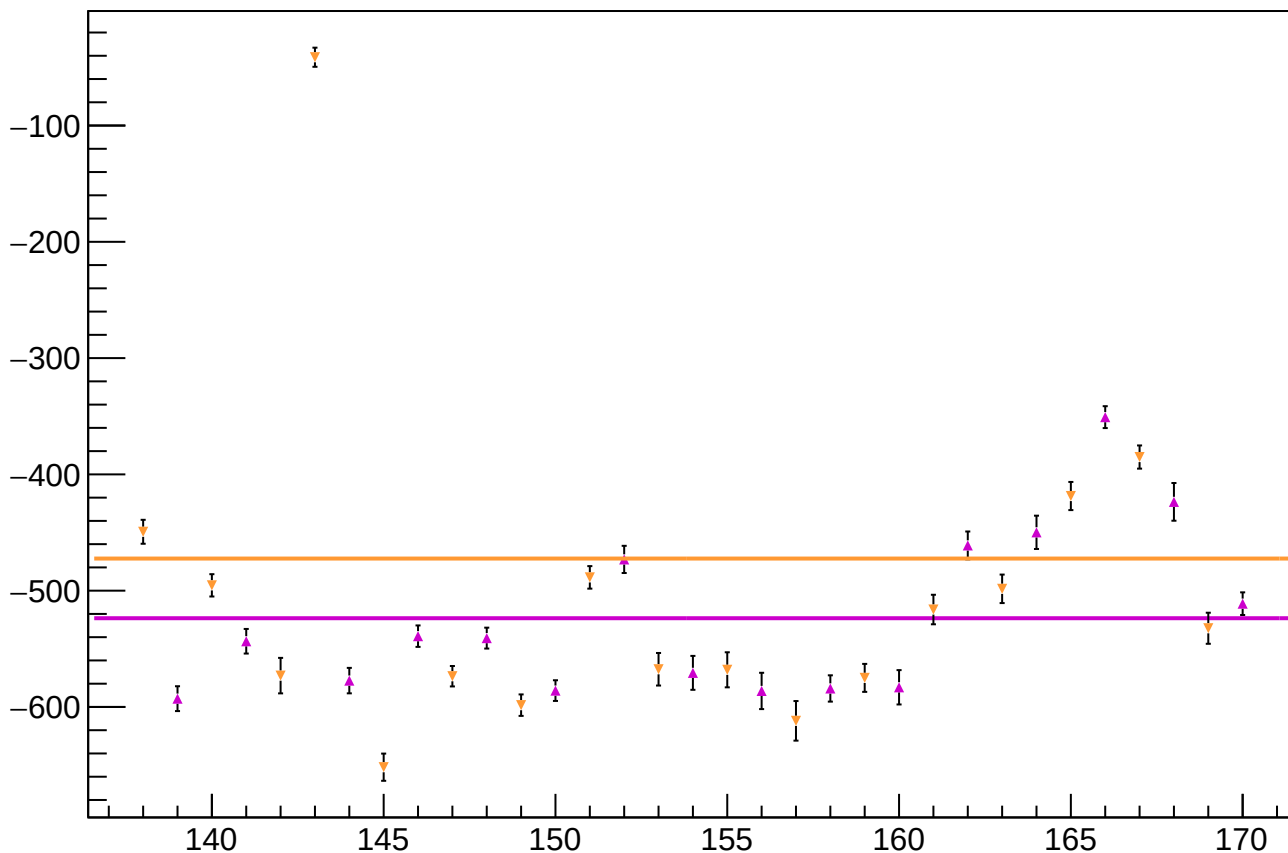
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -19.946 ± 0.024 $\chi^2/\text{NDF}: 738410.2/32$

Out: -20.454 ± 0.024 $\chi^2/\text{NDF}: 763114.7/35$

All: -20.195 ± 0.017 $\chi^2/\text{NDF}: 1501753.2/68$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -472.381+/-2.699 χ^2/NDF :3718.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -523.693+/-2.786 χ^2/NDF :646.3/15

Left: -497.227+/-1.939 χ^2/NDF : 4539.5/32

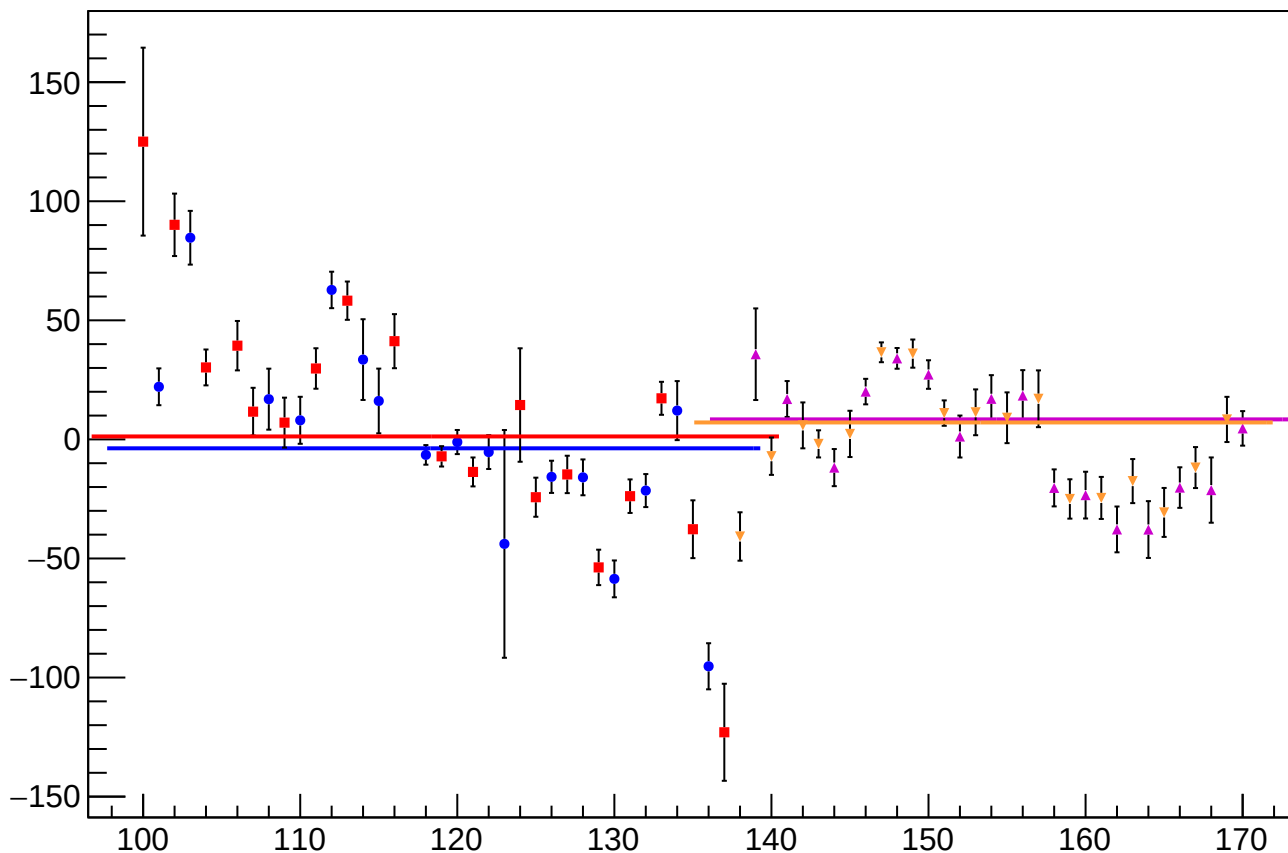
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -523.693+/-2.786 χ^2/NDF :646.3/15

Out: -472.381+/-2.699 χ^2/NDF :3718.2/16

All: -497.227+/-1.939 χ^2/NDF : 4539.5/32

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.117 ± 1.828 χ^2/NDF : 157.1/16

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 8.402 ± 1.936 χ^2/NDF : 140.2/15

Left: 7.723 ± 1.329 χ^2/NDF : 297.5/32

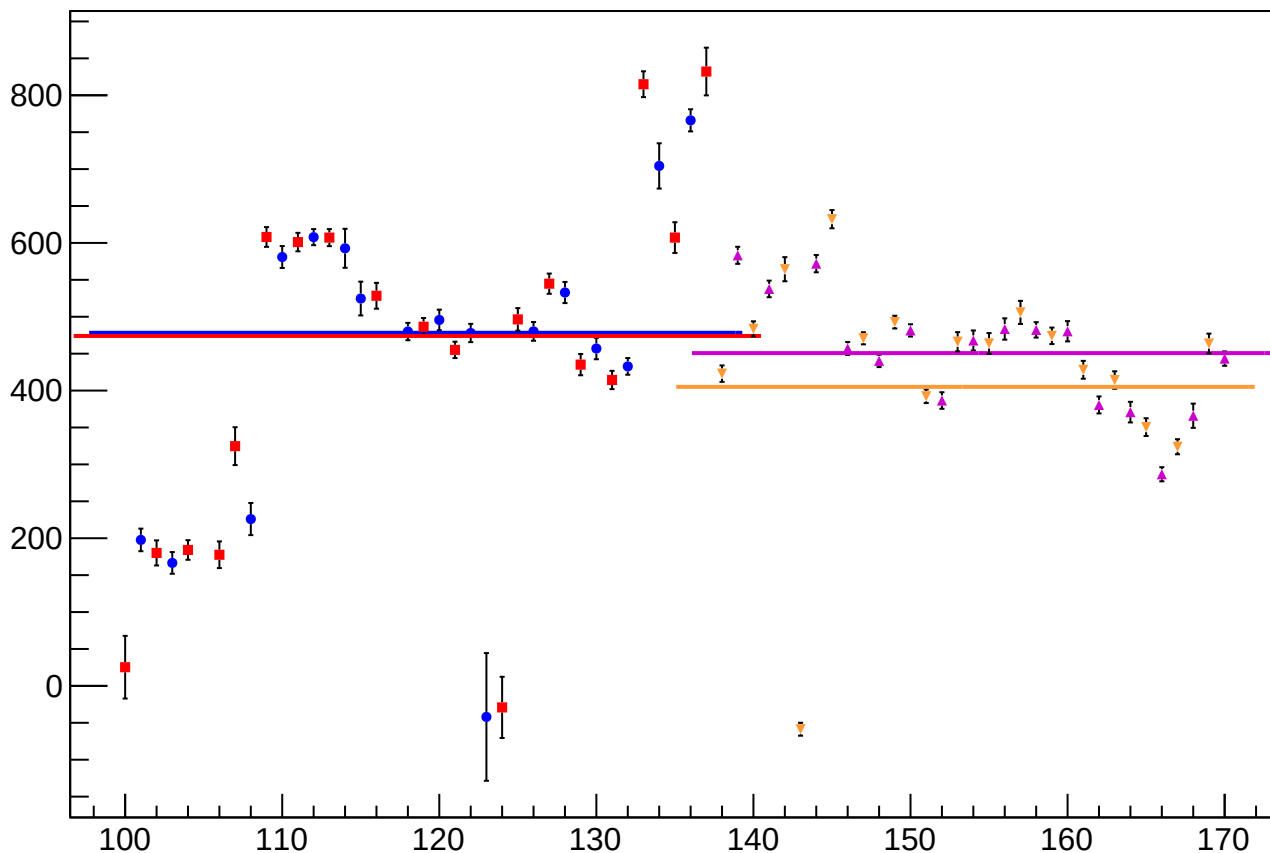
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.191 ± 1.353 χ^2/NDF : 474.4/32

Out: 4.317 ± 1.322 χ^2/NDF : 465.6/35

All: 3.278 ± 0.946 χ^2/NDF : 941.3/68

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 405.039 $\pm$ 2.671 χ^2 /NDF:3687.7/16

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 450.766 $\pm$ 2.726 χ^2 /NDF:757.4/15

Left: 427.434 $\pm$ 1.908 χ^2 /NDF: 4588.6/32

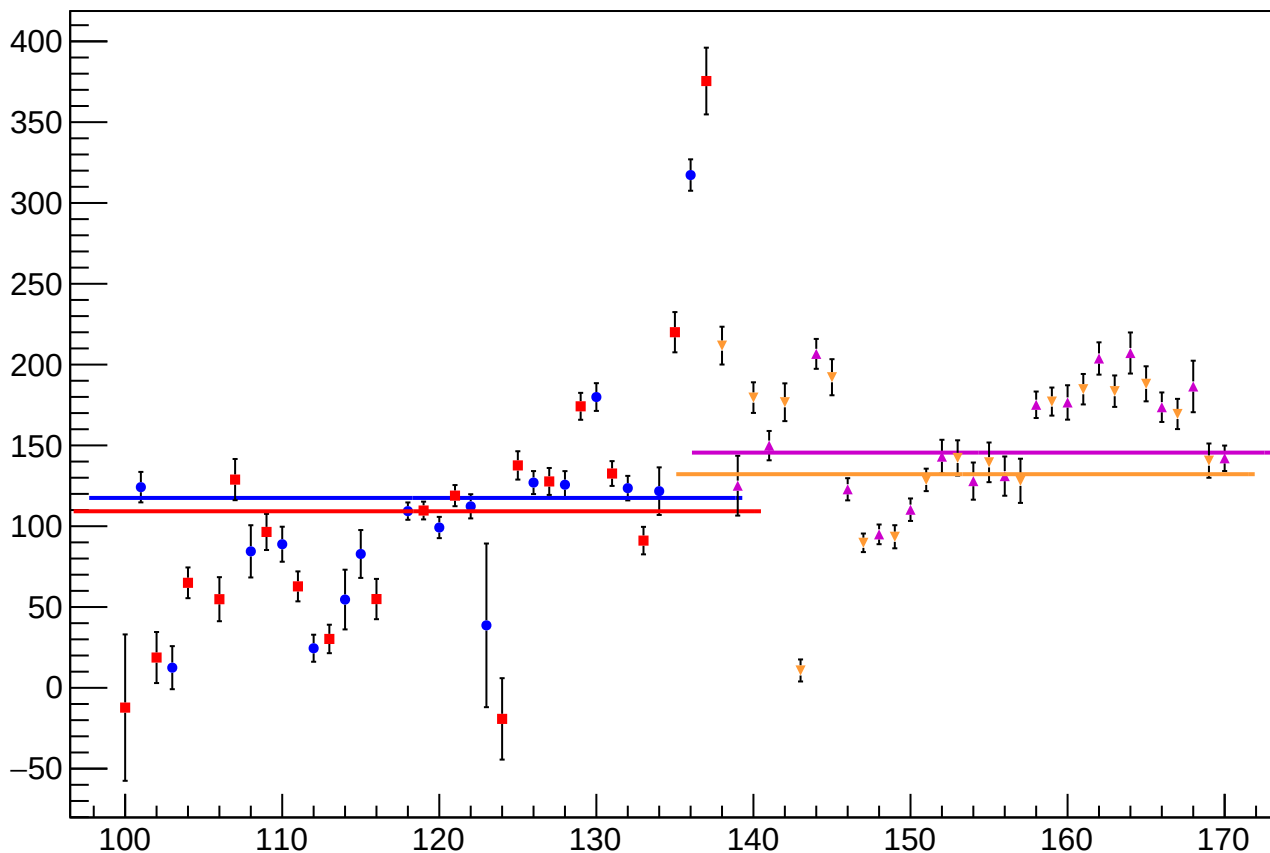
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 460.655 $\pm$ 2.182 χ^2 /NDF:2421.9/32

Out: 430.145 $\pm$ 2.130 χ^2 /NDF:6218.7/35

All: 445.033 $\pm$ 1.524 χ^2 /NDF: 8740.7/68

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 132.192 $\pm$ 2.181 χ^2 /NDF: 646.5/16

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 145.535 $\pm$ 2.287 χ^2 /NDF: 249.9/15

Left: 138.545 $\pm$ 1.578 χ^2 /NDF: 914.2/32

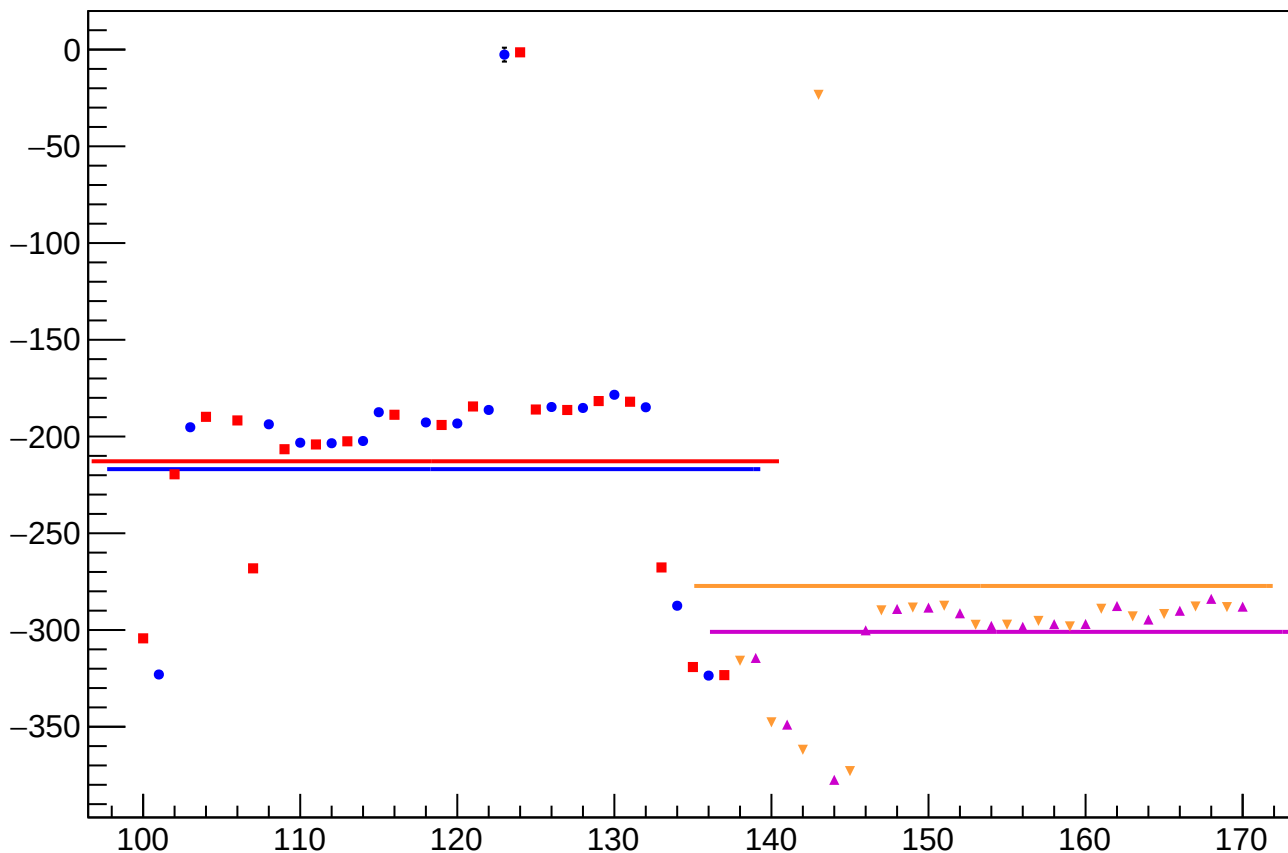
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 130.959 $\pm$ 1.585 χ^2 /NDF: 1033.9/32

Out: 120.850 $\pm$ 1.551 χ^2 /NDF: 1270.7/35

All: 125.795 $\pm$ 1.108 χ^2 /NDF: 2325.4/68

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: -277.229 ± 0.107 $\chi^2/\text{NDF}: 621105.0/16$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -300.958 ± 0.109 $\chi^2/\text{NDF}: 41206.1/15$

Left: -288.956 ± 0.076 $\chi^2/\text{NDF}: 686458.0/32$

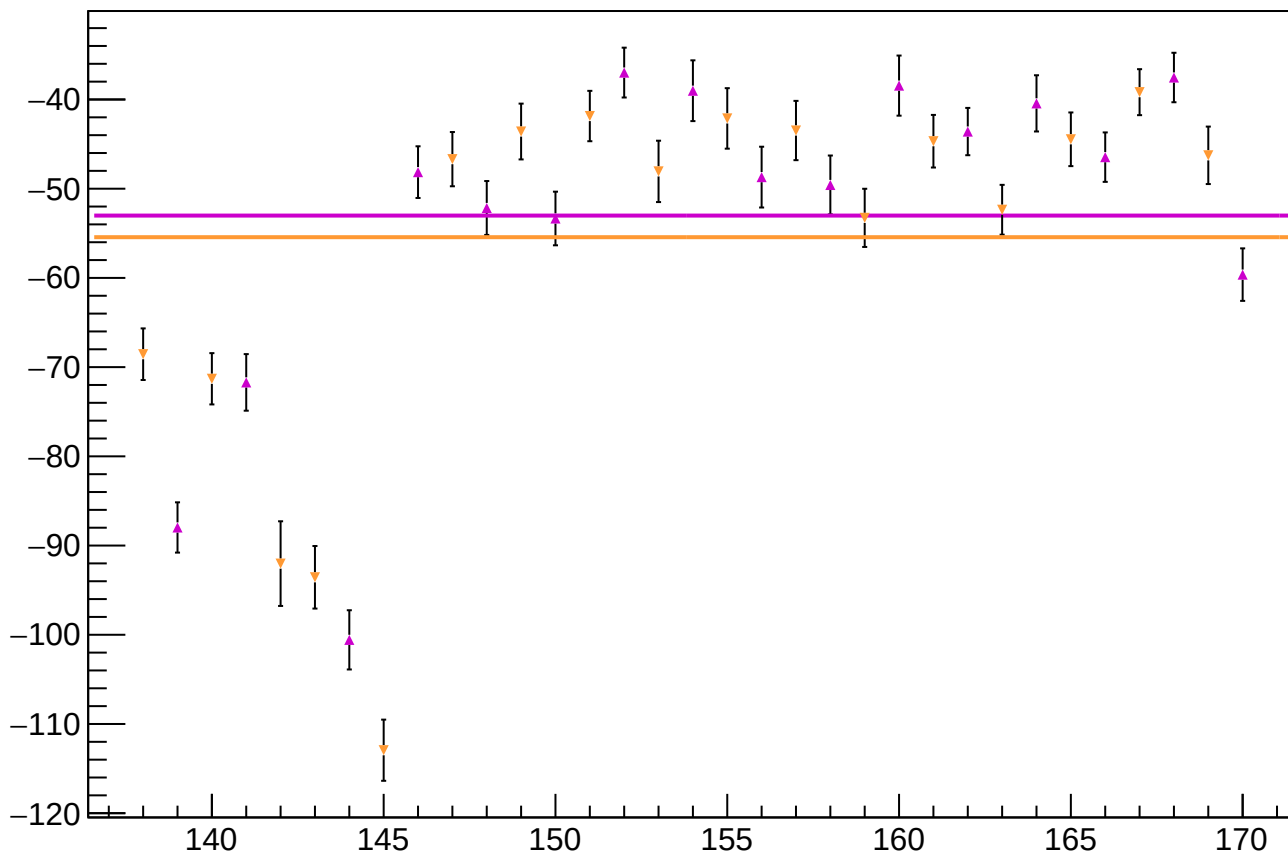
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -268.168 ± 0.085 $\chi^2/\text{NDF}: 421947.0/32$

Out: -251.119 ± 0.083 $\chi^2/\text{NDF}: 883674.2/35$

All: -259.436 ± 0.059 $\chi^2/\text{NDF}: 1326308.0/68$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



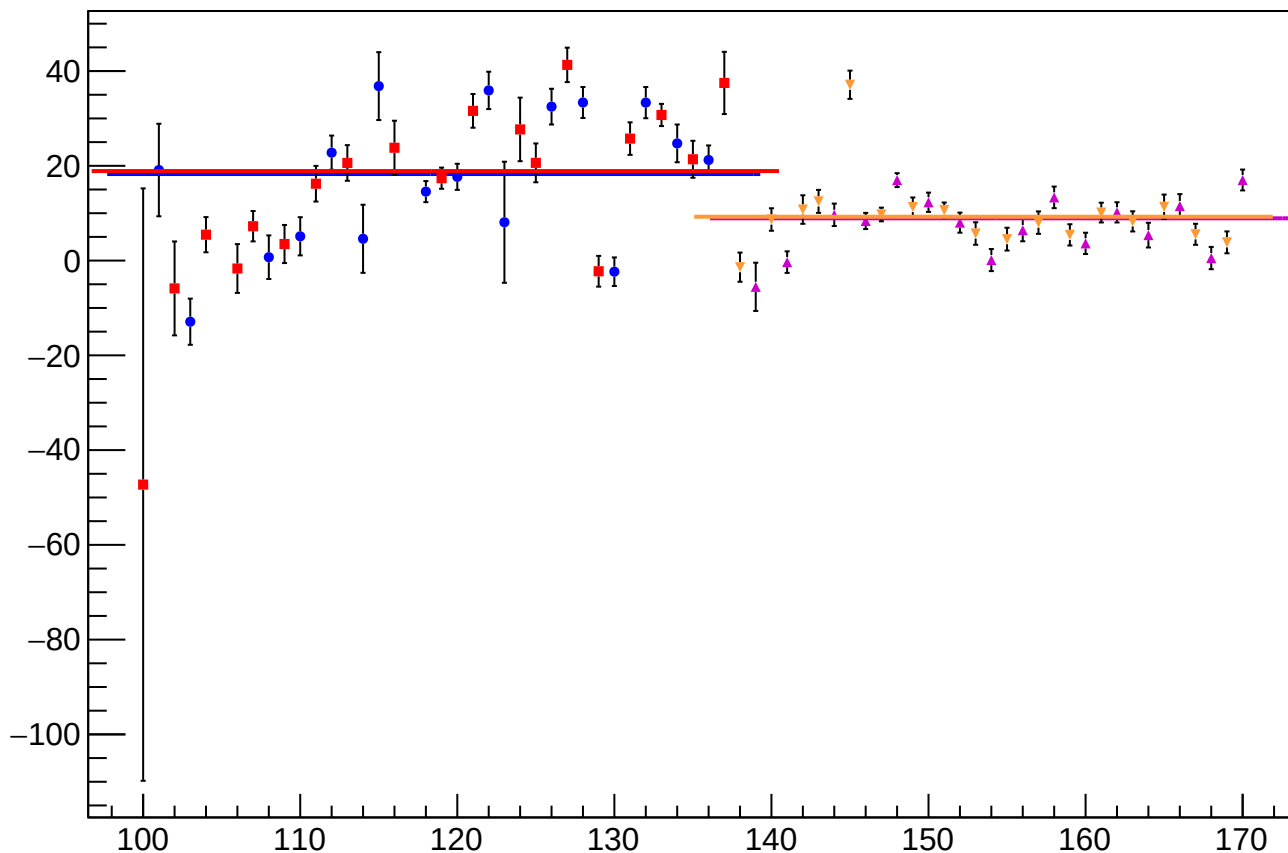
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.435+/-0.757 χ^2/NDF :665.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.012+/-0.755 χ^2/NDF :538.4/15

Left: -54.220+/-0.535 χ^2/NDF : 1208.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.012+/-0.755 χ^2/NDF :538.4/15
 Out: -55.435+/-0.757 χ^2/NDF :665.0/16

All: -54.220+/-0.535 χ^2/NDF : 1208.5/32

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.257 ± 0.534 χ^2/NDF : 121.8/16

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.919 ± 0.547 χ^2/NDF : 112.0/15

Left: 9.092 ± 0.382 χ^2/NDF : 234.1/32

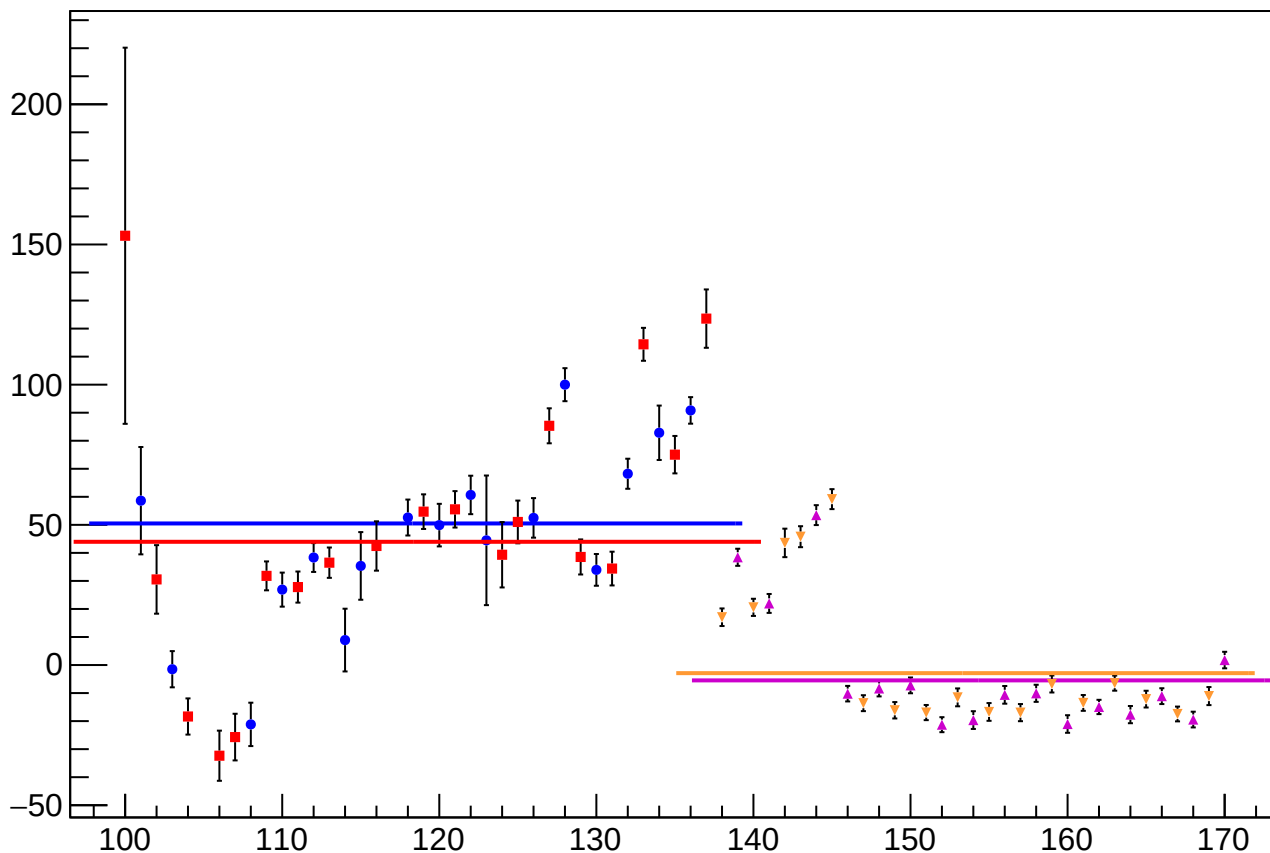
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.410 ± 0.468 χ^2/NDF : 398.3/32

Out: 11.920 ± 0.454 χ^2/NDF : 411.1/35

All: 11.673 ± 0.326 χ^2/NDF : 810.1/68

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -2.892 ± 0.744 χ^2/NDF : 829.6/16

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

Left In: -5.477 ± 0.739 χ^2/NDF : 702.3/15

Left: -4.194 ± 0.524 χ^2/NDF : 1538.0/32

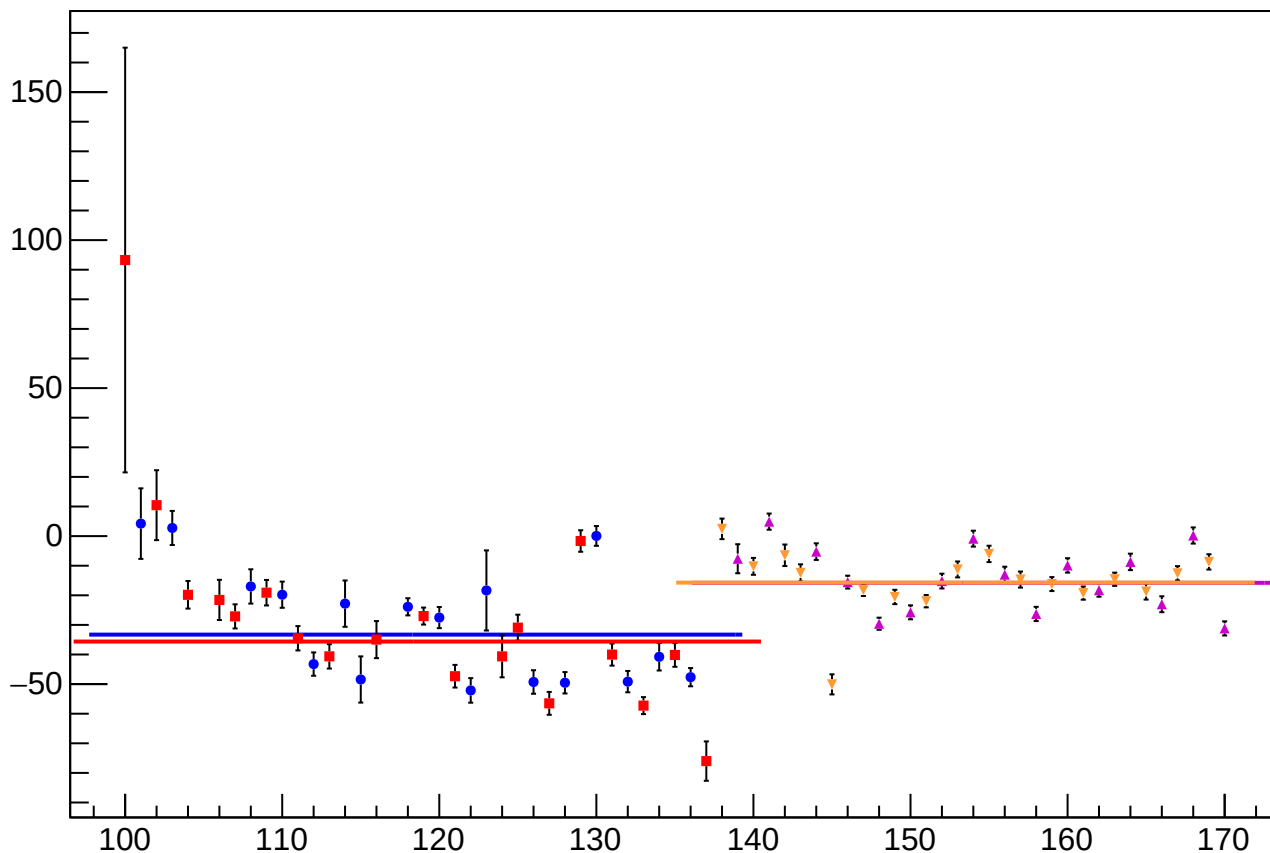
Right: 47.092 ± 1.157 χ^2/NDF : 905.5/35

In: 3.675 ± 0.676 χ^2/NDF : 2004.3/32

Out: 5.415 ± 0.675 χ^2/NDF : 2066.5/35

All: 4.546 ± 0.478 χ^2/NDF : 4074.1/68

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.711 ± 0.623 χ^2/NDF : 184.1/16

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.784 ± 0.634 χ^2/NDF : 285.2/15

Left: -15.746 ± 0.444 χ^2/NDF : 469.3/32

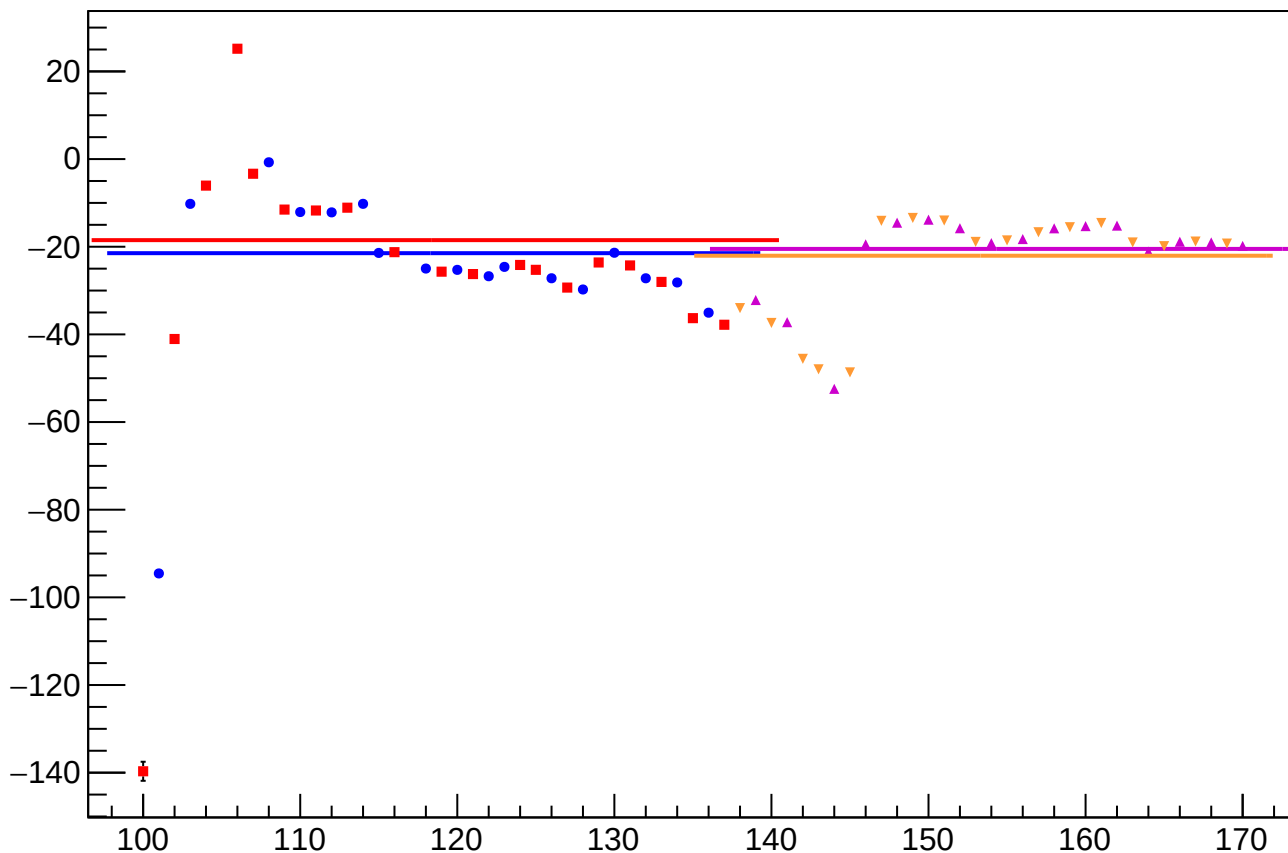
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.555 ± 0.540 χ^2/NDF : 786.0/32

Out: -21.333 ± 0.527 χ^2/NDF : 760.6/35

All: -20.953 ± 0.377 χ^2/NDF : 1547.6/68

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -22.051 ± 0.029 χ^2/NDF : 130387.9/16

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -20.497 ± 0.029 χ^2/NDF : 84454.8/15

Left: -21.266 ± 0.021 χ^2/NDF : 216277.0/32

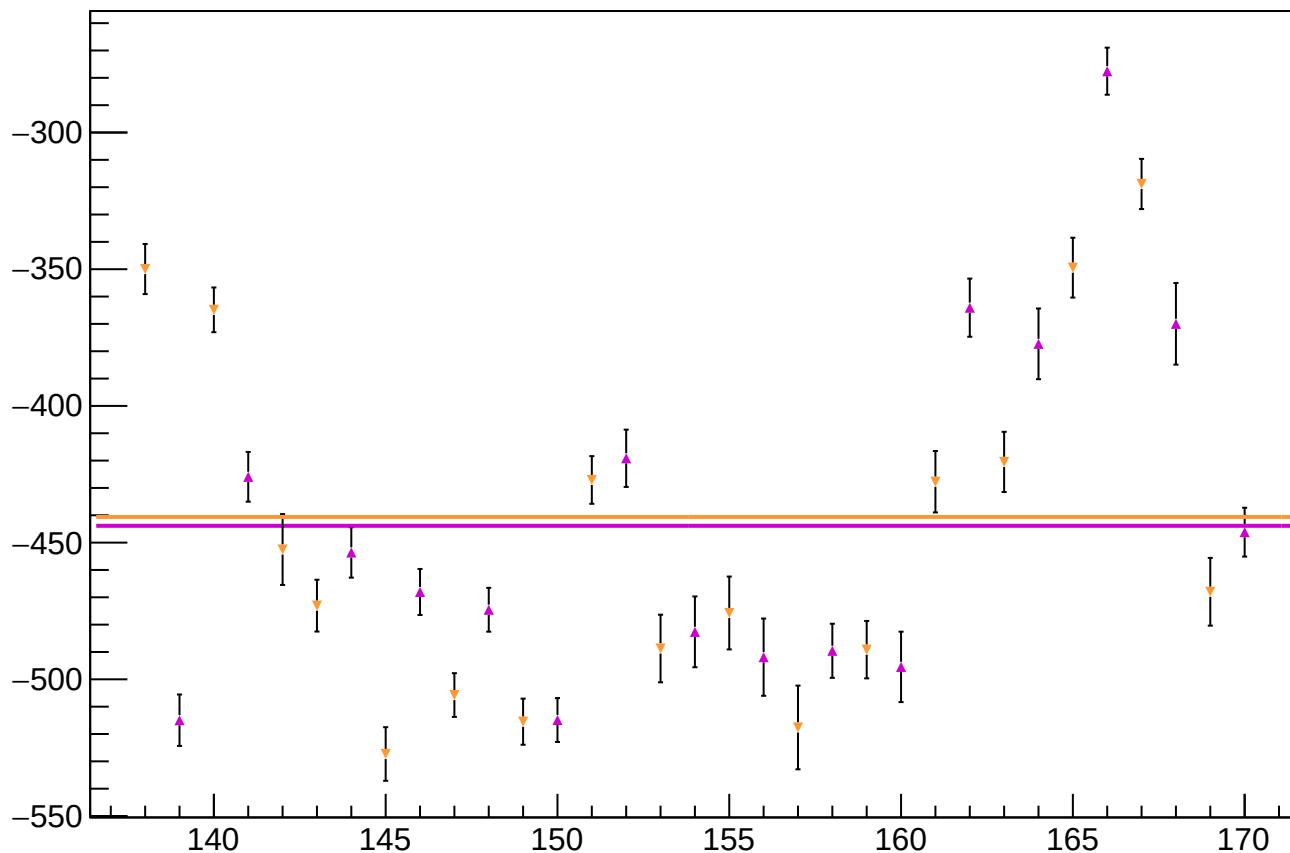
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -20.686 ± 0.026 χ^2/NDF : 133654.9/32

Out: -21.321 ± 0.026 χ^2/NDF : 214141.2/35

All: -21.002 ± 0.018 χ^2/NDF : 348095.2/68

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -440.610+/-2.457 χ^2/NDF : 745.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -443.845+/-2.484 χ^2/NDF : 707.6/15

Left: -442.210+/-1.747 χ^2/NDF : 1454.3/32

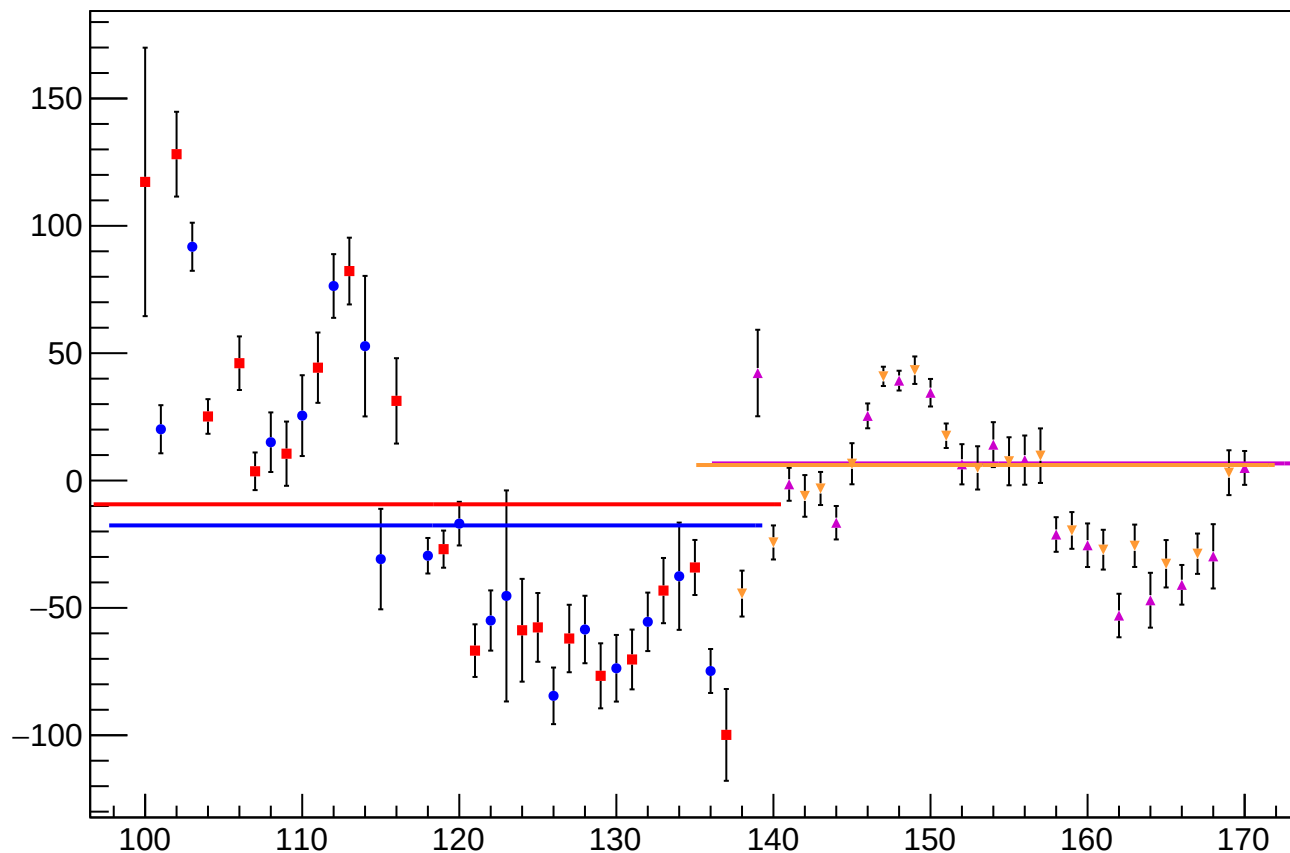
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.845+/-2.484 χ^2/NDF : 707.6/15

Out: -440.610+/-2.457 χ^2/NDF : 745.9/16

All: -442.210+/-1.747 χ^2/NDF : 1454.3/32

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 6.094 ± 1.666 χ^2/NDF : 276.3/16

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 6.725 ± 1.726 χ^2/NDF : 280.9/15

Left: 6.398 ± 1.199 χ^2/NDF : 557.2/32

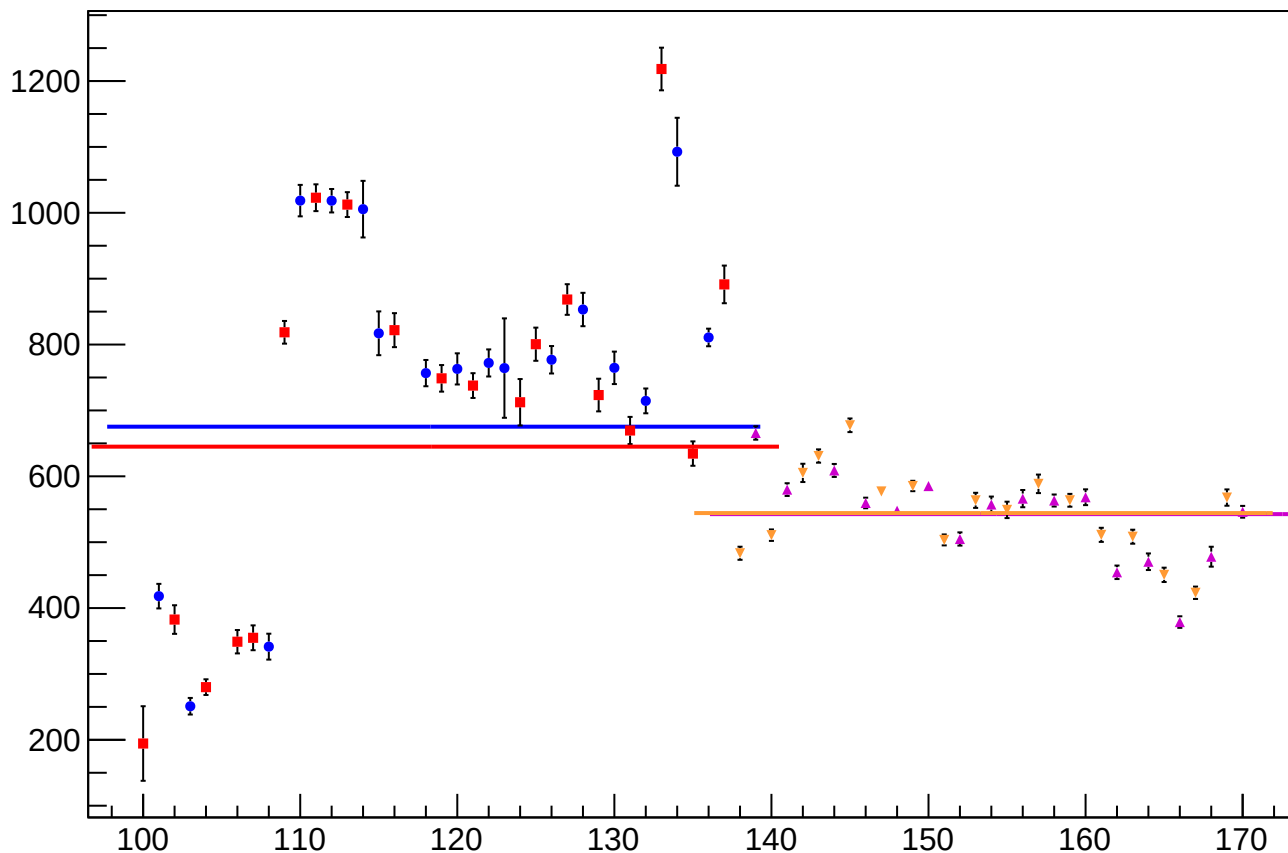
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -0.027 ± 1.467 χ^2/NDF : 698.1/32

Out: 1.627 ± 1.404 χ^2/NDF : 667.6/35

All: 0.836 ± 1.015 χ^2/NDF : 1366.3/68

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 544.213 ± 2.427 $\chi^2/\text{NDF}: 663.3/16$

Right Out: 645.022 ± 4.758 $\chi^2/\text{NDF}: 3122.8/18$

Left In: 542.601 ± 2.433 $\chi^2/\text{NDF}: 747.3/15$

Left: 543.409 ± 1.718 $\chi^2/\text{NDF}: 1410.9/32$

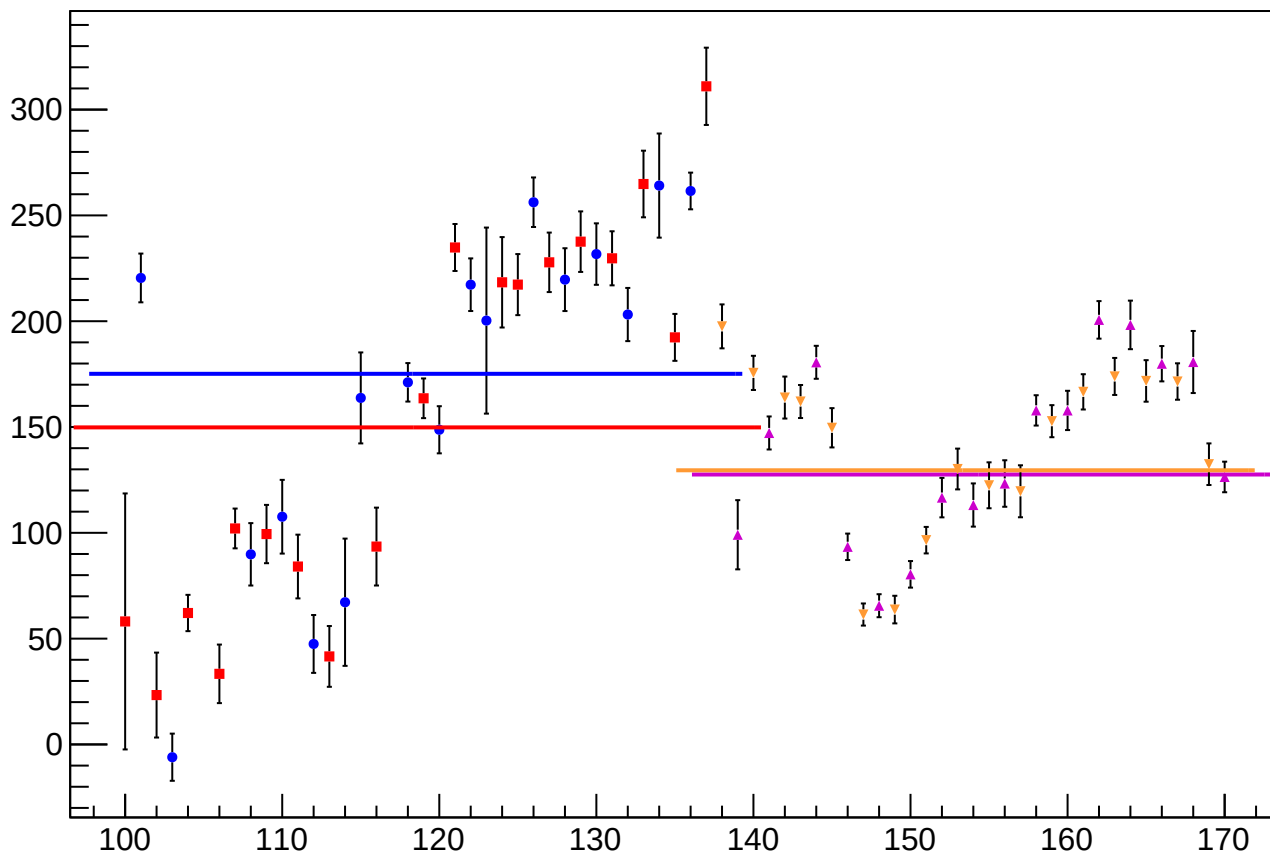
Right: 659.291 ± 3.462 $\chi^2/\text{NDF}: 5724.6/35$

In: 567.639 ± 2.191 $\chi^2/\text{NDF}: 3891.5/32$

Out: 565.031 ± 2.162 $\chi^2/\text{NDF}: 4142.3/35$

All: 566.318 ± 1.539 $\chi^2/\text{NDF}: 8034.6/68$

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: 129.553 $\pm$ 1.987 χ^2 /NDF:507.4/16

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 127.558 $\pm$ 2.039 χ^2 /NDF:462.6/15

Left: 128.582 $\pm$ 1.423 χ^2 /NDF: 970.5/32

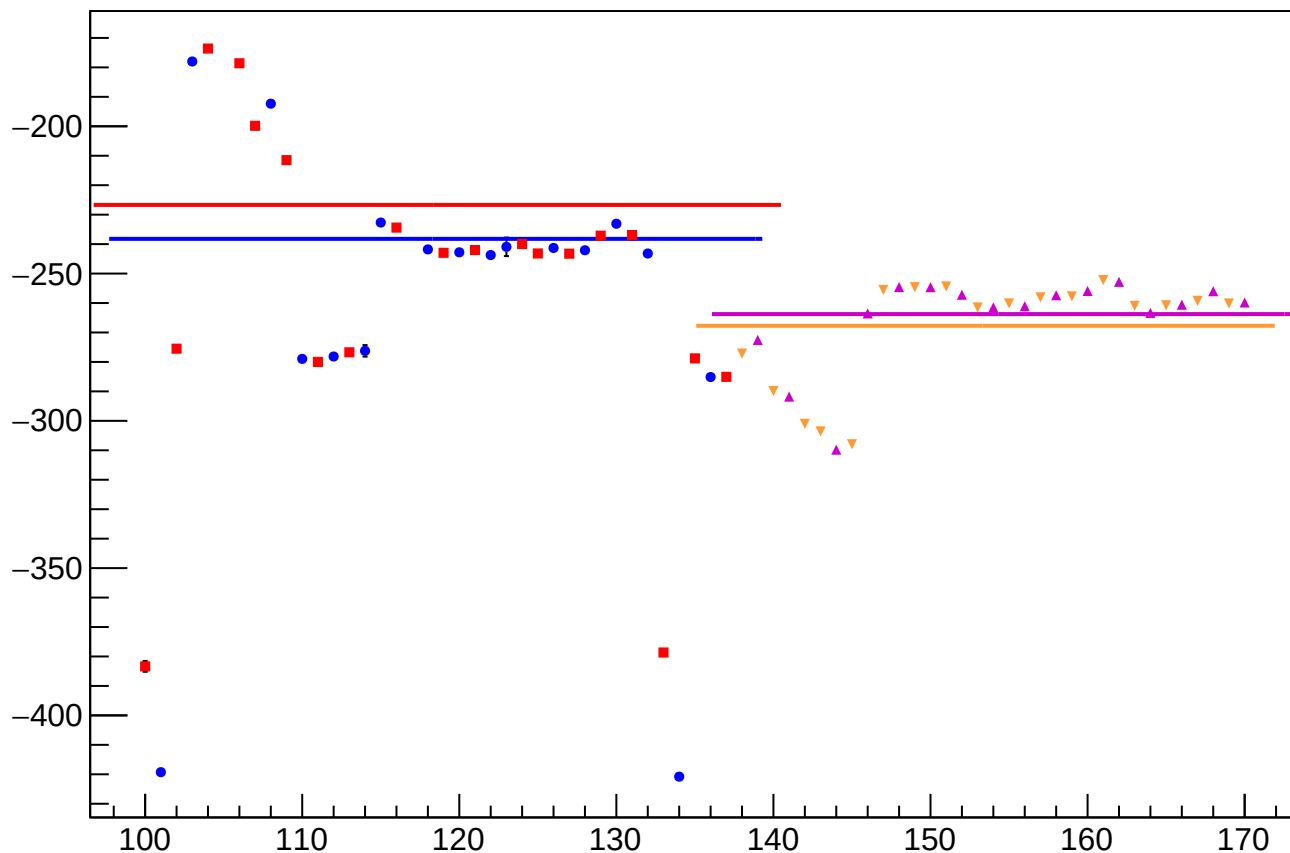
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 141.246 $\pm$ 1.721 χ^2 /NDF:1254.8/32

Out: 135.615 $\pm$ 1.663 χ^2 /NDF:1227.0/35

All: 138.334 $\pm$ 1.196 χ^2 /NDF: 2487.4/68

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -267.718+/-0.098 χ^2/NDF : 33561.7/16

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -263.755+/-0.097 χ^2/NDF : 20933.2/15

Left: -265.723+/-0.069 χ^2/NDF : 55326.2/32

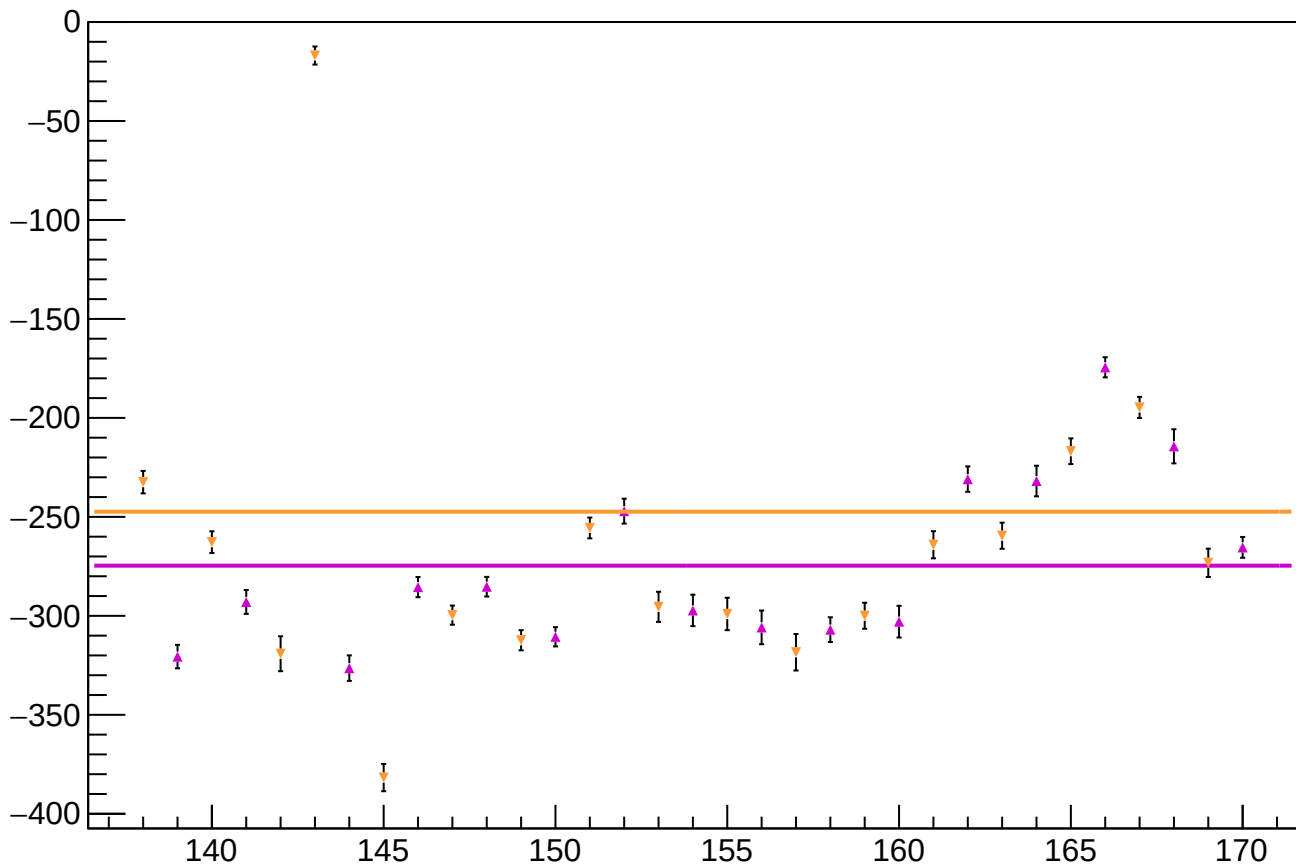
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.909+/-0.083 χ^2/NDF : 206663.8/32

Out: -255.650+/-0.082 χ^2/NDF : 188431.2/35

All: -256.272+/-0.058 χ^2/NDF : 395211.7/68

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: -247.381+/-1.485 χ^2/NDF :3638.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.655+/-1.530 χ^2/NDF :794.4/15

Left: -260.611+/-1.066 χ^2/NDF : 4596.8/32

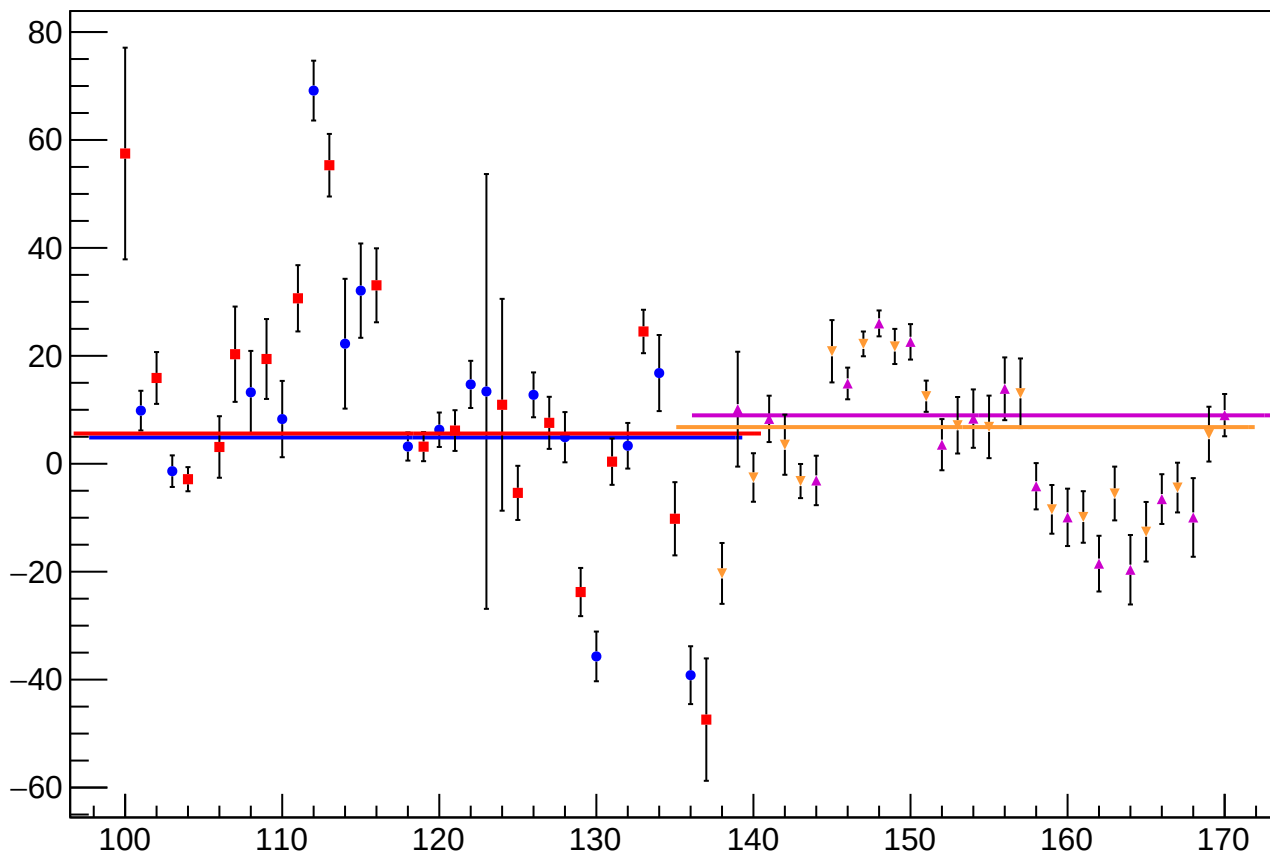
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.655+/-1.530 χ^2/NDF :794.4/15

Out: -247.381+/-1.485 χ^2/NDF :3638.8/16

All: -260.611+/-1.066 χ^2/NDF : 4596.8/32

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 6.793 ± 1.006 $\chi^2/\text{NDF}: 162.7/16$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 8.971 ± 1.064 $\chi^2/\text{NDF}: 168.8/15$

Left: 7.821 ± 0.731 $\chi^2/\text{NDF}: 333.7/32$

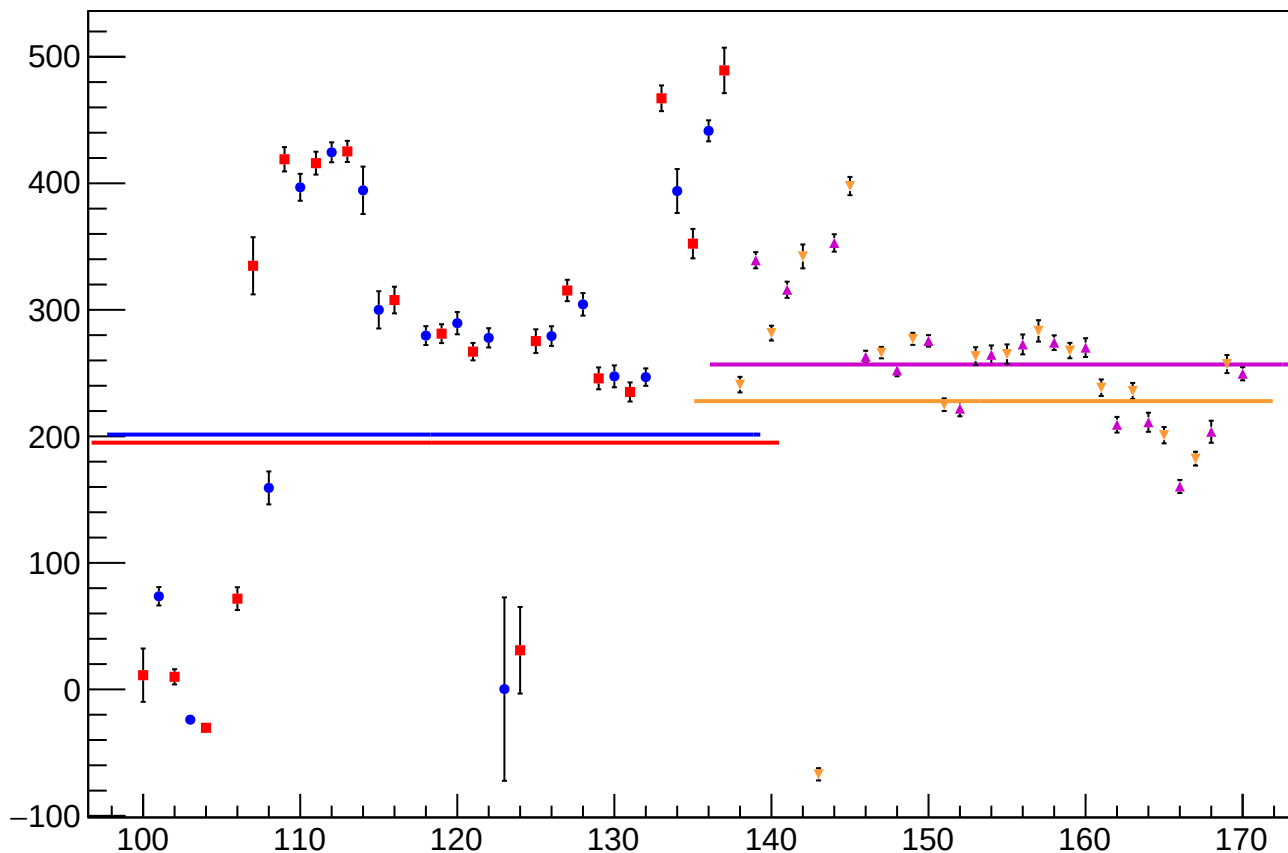
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 6.971 ± 0.762 $\chi^2/\text{NDF}: 487.6/32$

Out: 6.235 ± 0.733 $\chi^2/\text{NDF}: 401.9/35$

All: 6.589 ± 0.528 $\chi^2/\text{NDF}: 890.0/68$

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: 227.864 $\pm$ 1.467 χ^2 /NDF:4884.4/16

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 256.804 $\pm$ 1.496 χ^2 /NDF:996.0/15

Left: 242.057 $\pm$ 1.047 χ^2 /NDF: 6071.2/32

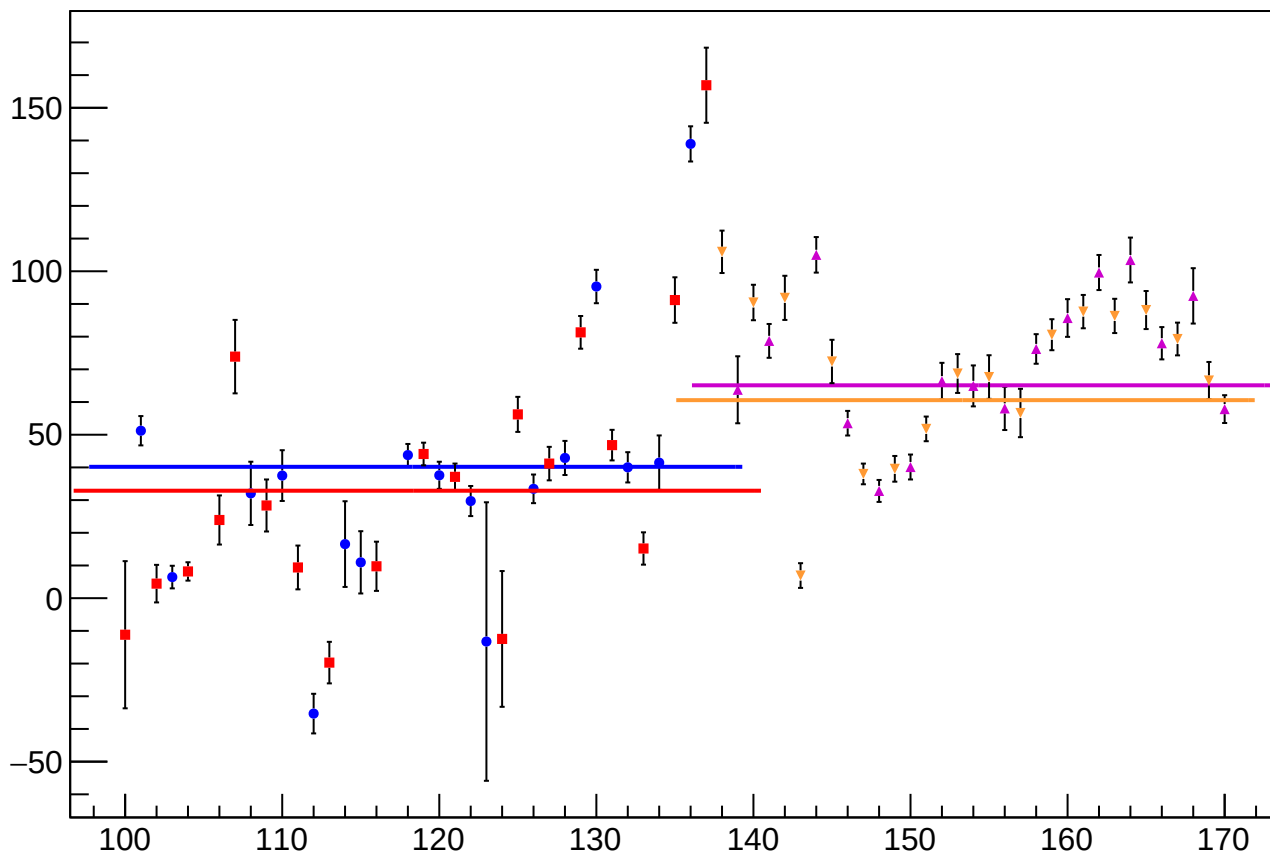
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 236.594 $\pm$ 1.192 χ^2 /NDF:8236.9/32

Out: 215.781 $\pm$ 1.167 χ^2 /NDF:13323.4/35

All: 225.962 $\pm$ 0.834 χ^2 /NDF: 21716.0/68

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 60.574 ± 1.198 $\chi^2/\text{NDF}: 501.3/16$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 65.115 ± 1.256 $\chi^2/\text{NDF}: 318.4/15$

Left: 62.738 ± 0.867 $\chi^2/\text{NDF}: 826.5/32$

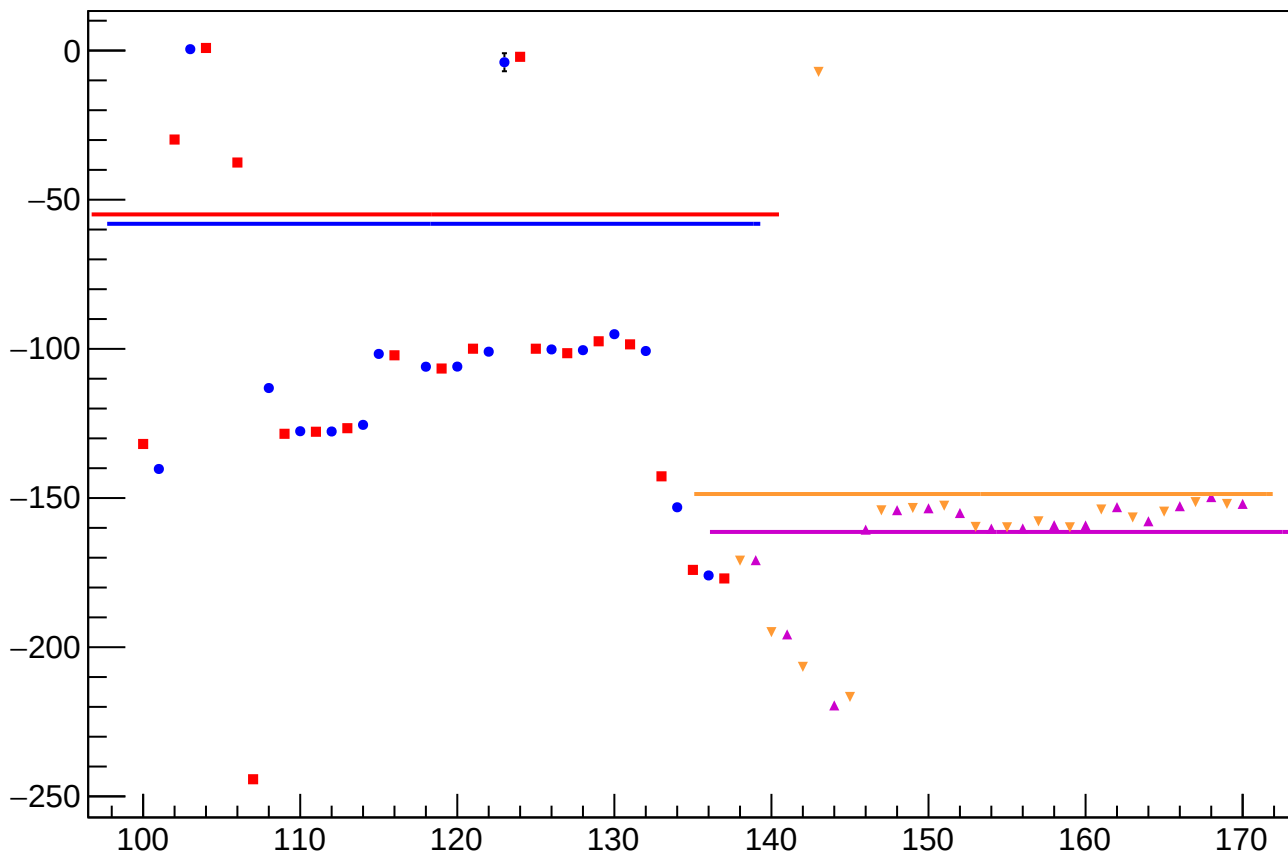
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 52.786 ± 0.893 $\chi^2/\text{NDF}: 1247.3/32$

Out: 47.315 ± 0.865 $\chi^2/\text{NDF}: 1308.0/35$

All: 49.965 ± 0.621 $\chi^2/\text{NDF}: 2574.6/68$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 χ^2/NDF : 1104437.7/16

Left Out: -148.651 ± 0.059 χ^2/NDF : 657074.9/16

Right Out: -54.929 ± 0.060 χ^2/NDF : 1003908.6/18

Left In: -161.362 ± 0.060 χ^2/NDF : 66625.6/15

Left: -154.940 ± 0.042 χ^2/NDF : 746741.6/32

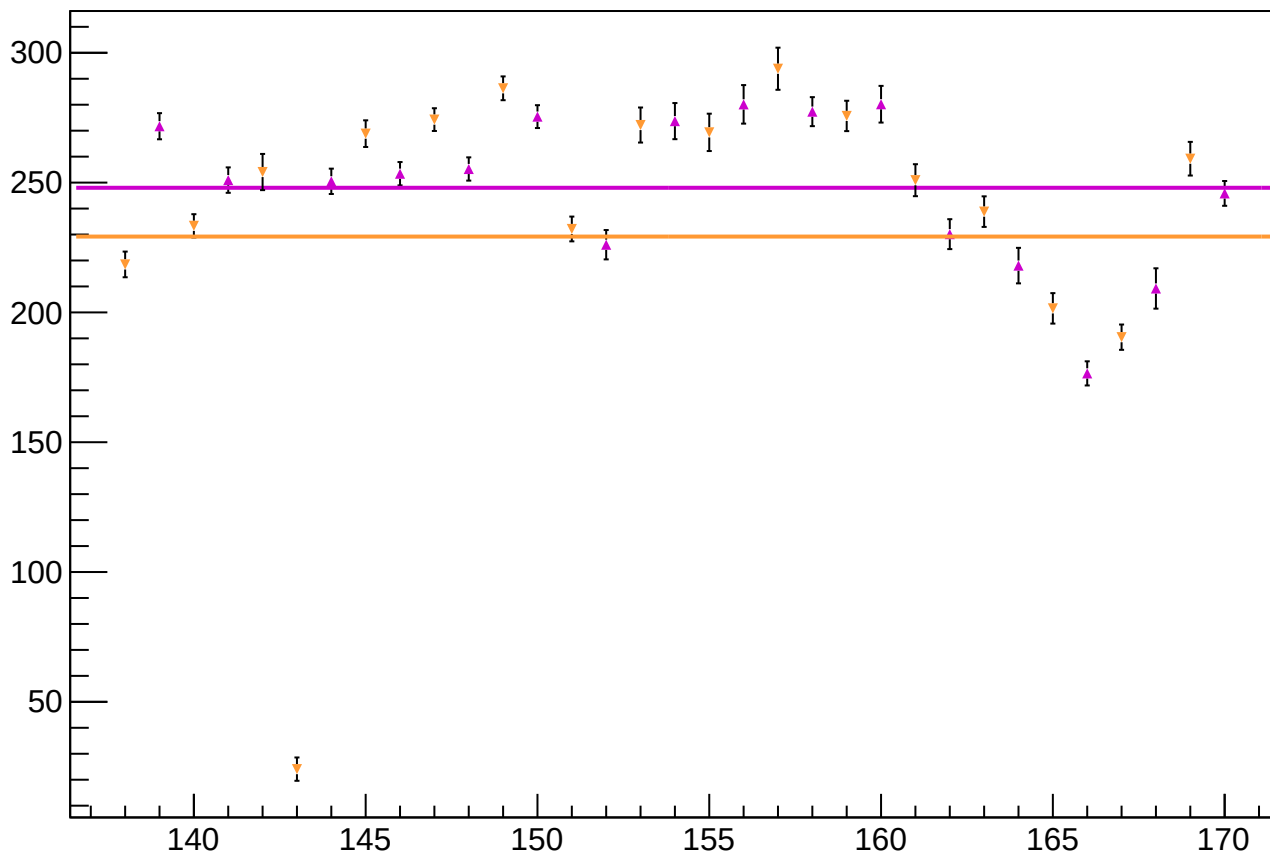
Right: -56.466 ± 0.043 χ^2/NDF : 2109681.6/35

In: -111.509 ± 0.043 χ^2/NDF : 2624473.0/32

Out: -102.810 ± 0.042 χ^2/NDF : 2899167.0/35

All: -107.087 ± 0.030 χ^2/NDF : 5544626.5/68

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: 229.214+/-1.315 χ^2/NDF :2745.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.004+/-1.343 χ^2/NDF :451.6/15

Left: 238.410+/-0.940 χ^2/NDF : 3297.1/32

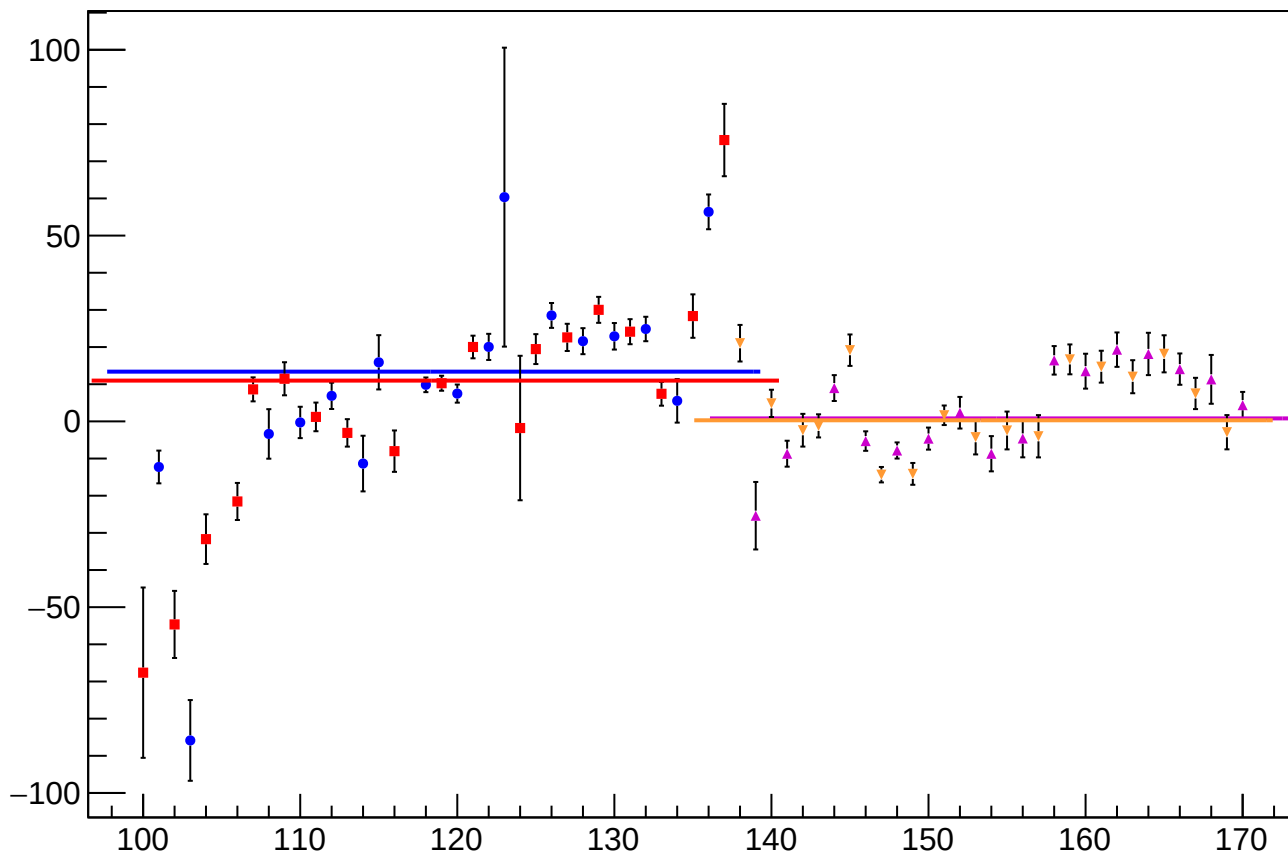
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.004+/-1.343 χ^2/NDF :451.6/15

Out: 229.214+/-1.315 χ^2/NDF :2745.5/16

All: 238.410+/-0.940 χ^2/NDF : 3297.1/32

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: 0.294 ± 0.896 χ^2/NDF : 166.9/16

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 0.803 ± 0.939 χ^2/NDF : 113.7/15

Left: 0.537 ± 0.648 χ^2/NDF : 280.7/32

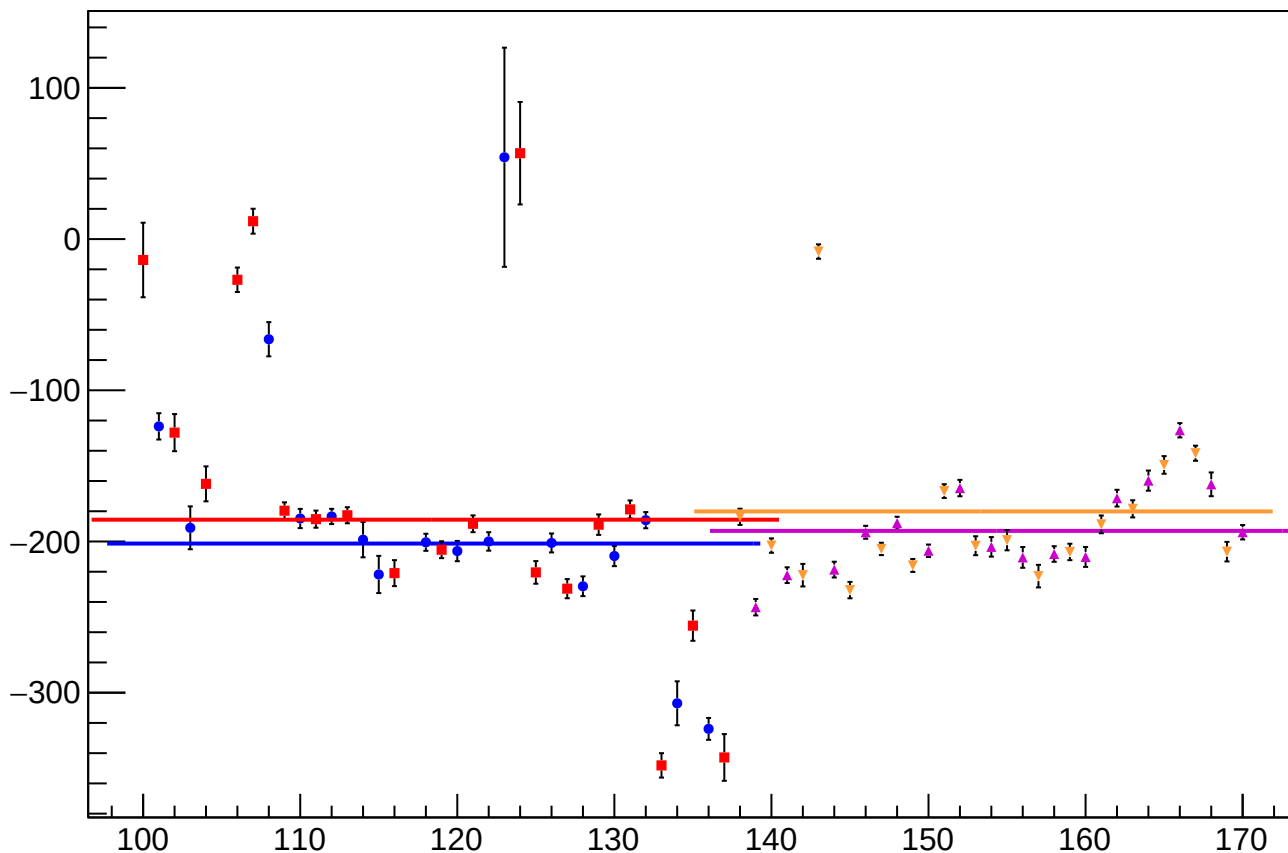
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 7.212 ± 0.657 χ^2/NDF : 499.3/32

Out: 5.526 ± 0.640 χ^2/NDF : 540.4/35

All: 6.347 ± 0.459 χ^2/NDF : 1043.1/68

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: -180.116 ± 1.302 $\chi^2/\text{NDF}: 1733.5/16$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -192.998 ± 1.317 $\chi^2/\text{NDF}: 458.1/15$

Left: -186.483 ± 0.926 $\chi^2/\text{NDF}: 2240.0/32$

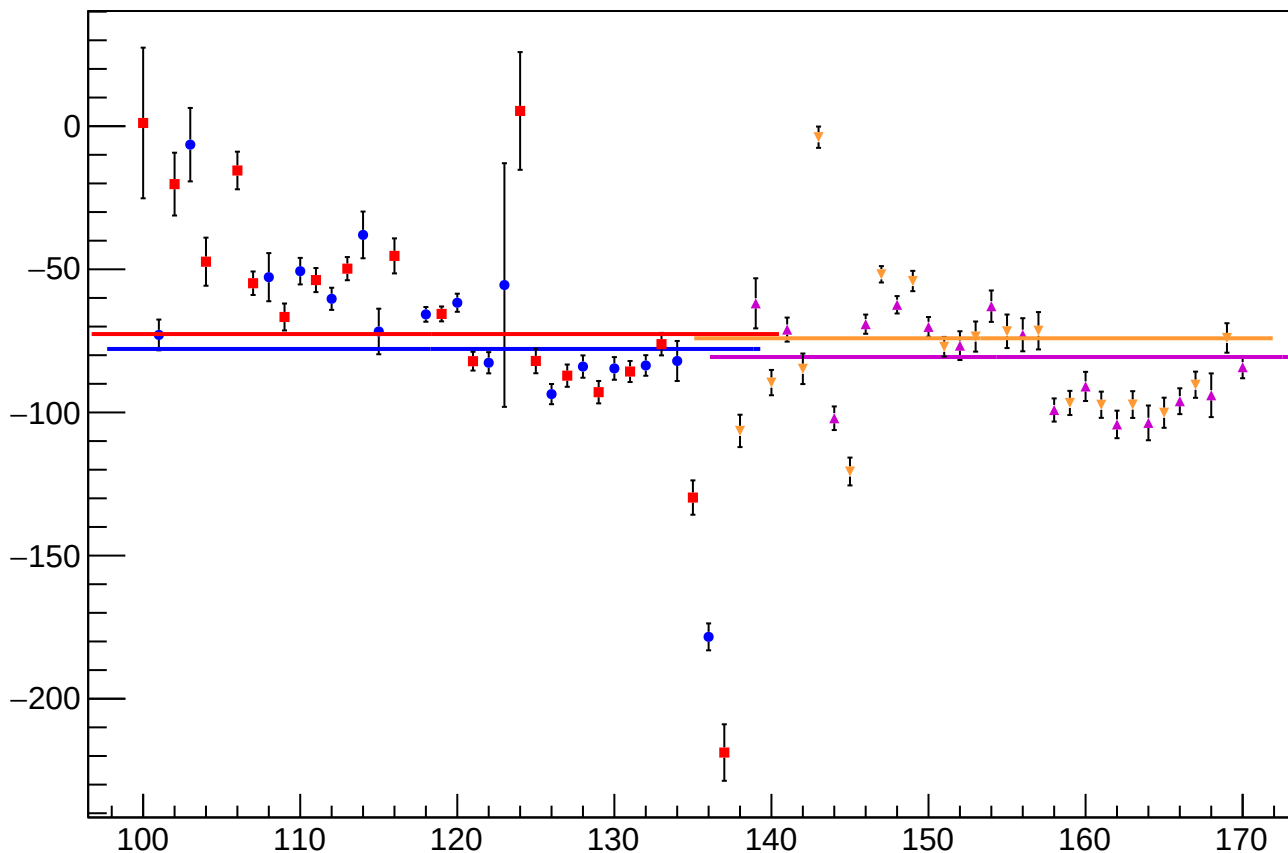
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -195.951 ± 1.059 $\chi^2/\text{NDF}: 1097.3/32$

Out: -182.140 ± 1.033 $\chi^2/\text{NDF}: 3488.3/35$

All: -188.874 ± 0.740 $\chi^2/\text{NDF}: 4672.7/68$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -74.086 ± 1.067 χ^2/NDF : 706.8/16

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -80.632 ± 1.107 χ^2/NDF : 185.6/15

Left: -77.237 ± 0.768 χ^2/NDF : 910.5/32

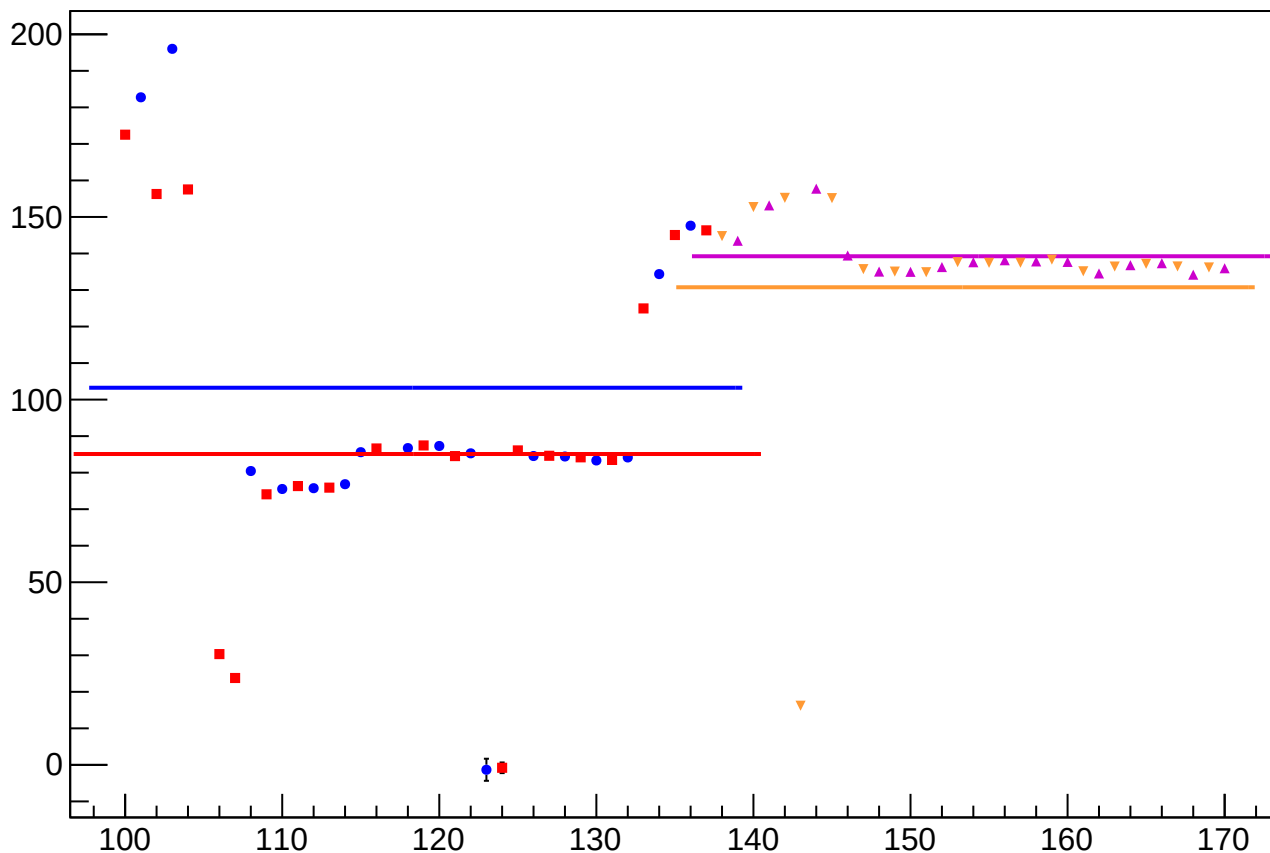
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -79.174 ± 0.769 χ^2/NDF : 845.3/32

Out: -73.341 ± 0.749 χ^2/NDF : 1314.6/35

All: -76.183 ± 0.537 χ^2/NDF : 2189.4/68

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: 130.753 $\pm$ 0.052 χ^2 /NDF: 398843.8/16

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.243 $\pm$ 0.052 χ^2 /NDF: 14188.6/15

Left: 134.982 $\pm$ 0.037 χ^2 /NDF: 426198.6/32

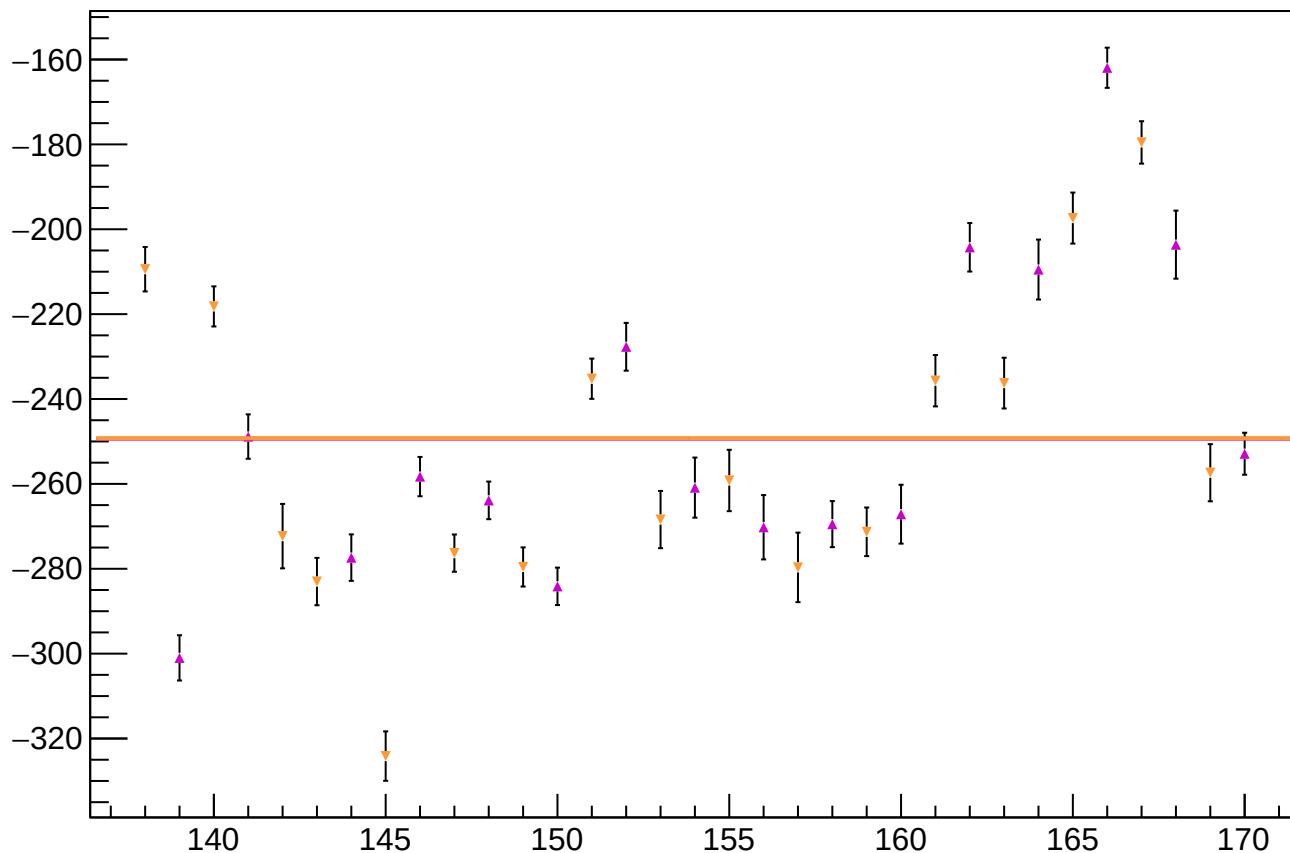
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 126.419 $\pm$ 0.042 χ^2 /NDF: 455586.8/32

Out: 112.410 $\pm$ 0.040 χ^2 /NDF: 1129461.3/35

All: 119.131 $\pm$ 0.029 χ^2 /NDF: 1642770.4/68

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -249.260+/-1.367 χ^2/NDF : 720.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Left: -249.299+/-0.969 χ^2/NDF : 1430.8/32

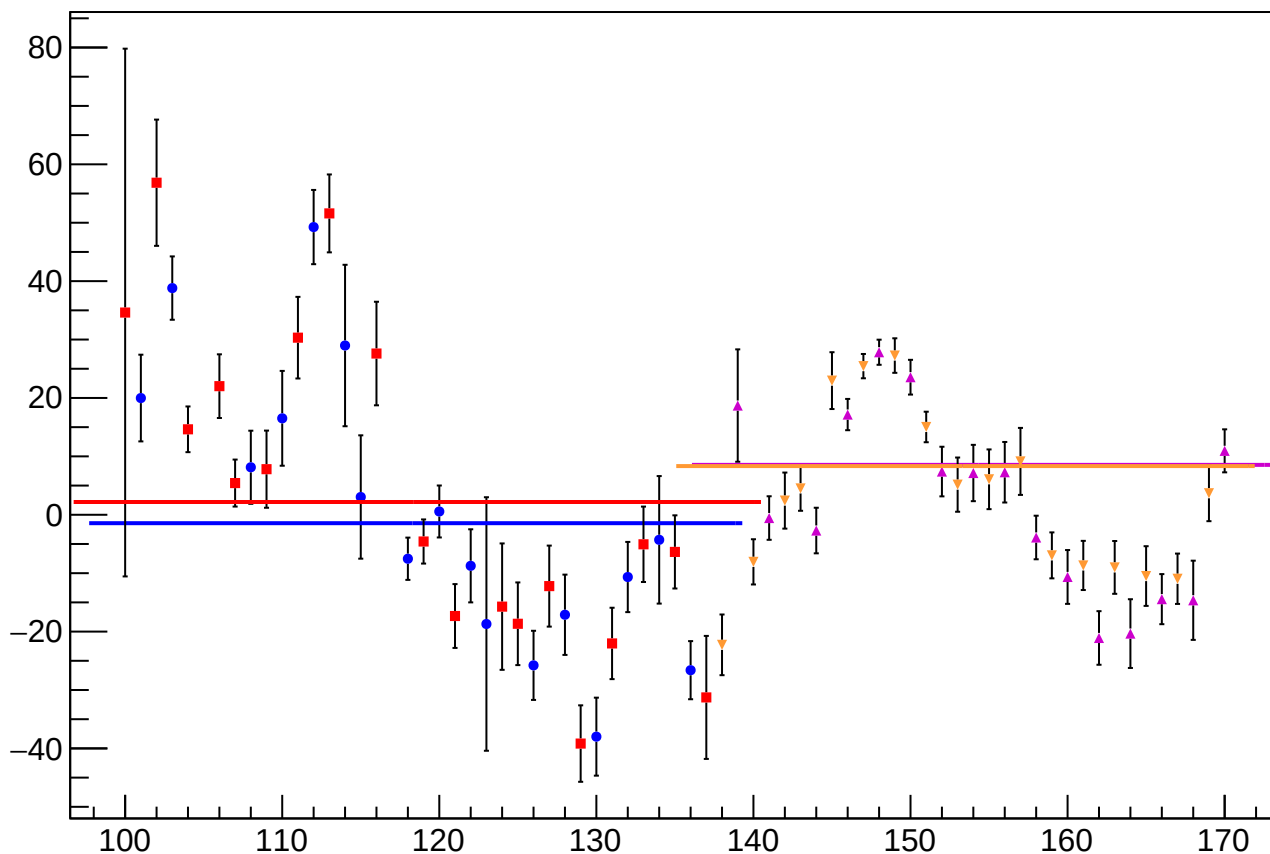
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Out: -249.260+/-1.367 χ^2/NDF : 720.9/16

All: -249.299+/-0.969 χ^2/NDF : 1430.8/32

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: 8.337 ± 0.924 χ^2/NDF : 260.7/16

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 8.543 ± 0.954 χ^2/NDF : 267.0/15

Left: 8.437 ± 0.664 χ^2/NDF : 527.8/32

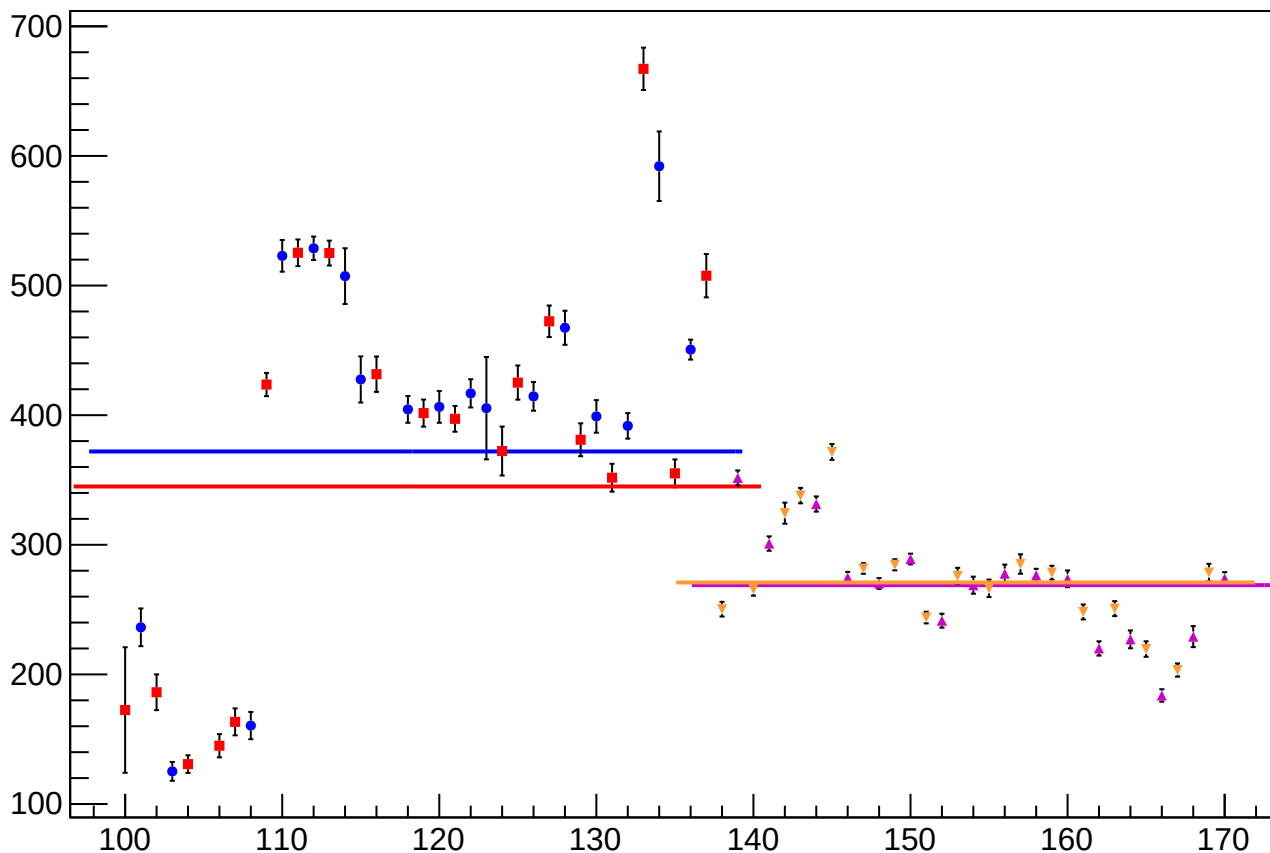
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 5.710 ± 0.808 χ^2/NDF : 522.5/32

Out: 6.470 ± 0.772 χ^2/NDF : 504.9/35

All: 6.108 ± 0.558 χ^2/NDF : 1027.8/68

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 270.952 $\pm$ 1.346 χ^2 /NDF:792.7/16

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 268.863 $\pm$ 1.344 χ^2 /NDF:860.9/15

Left: 269.905 $\pm$ 0.951 χ^2 /NDF: 1654.8/32

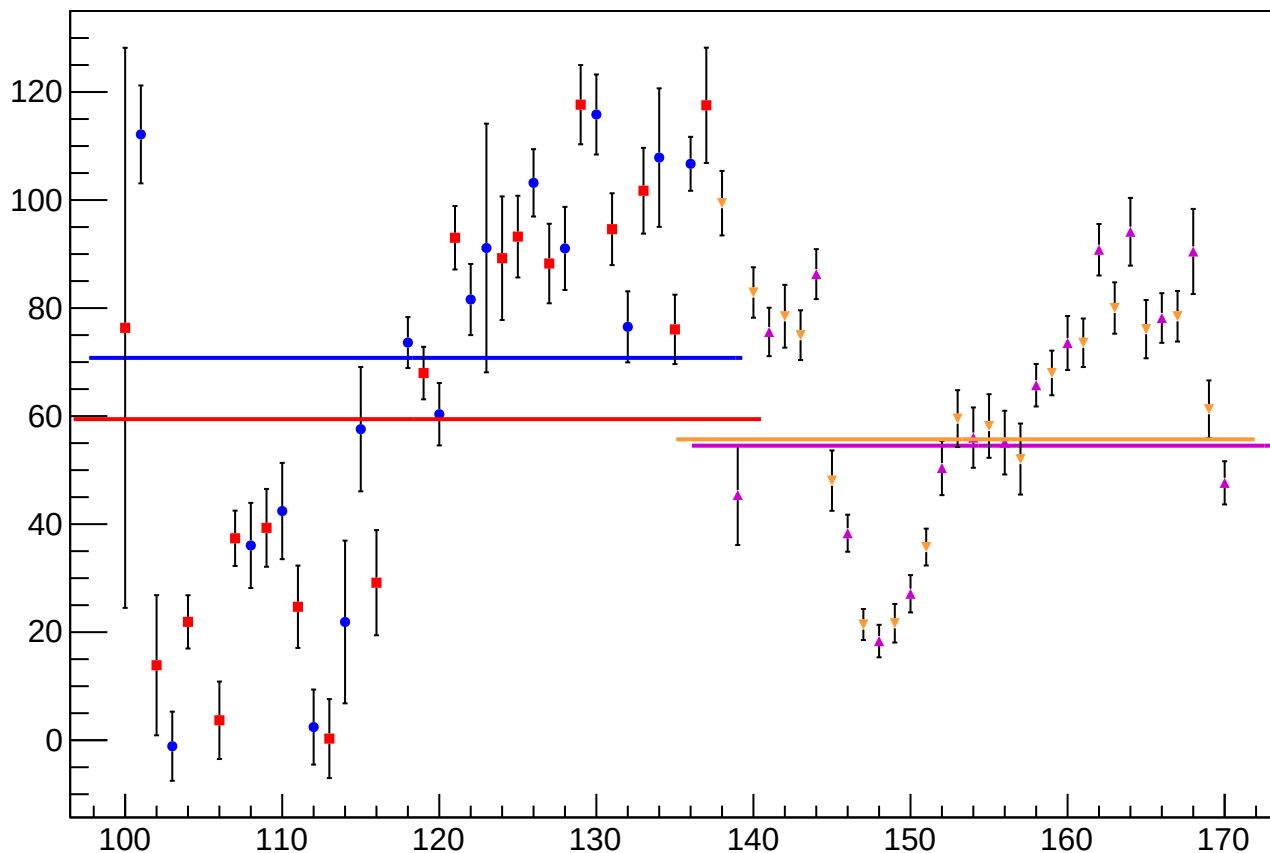
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 288.566 $\pm$ 1.208 χ^2 /NDF:4417.8/32

Out: 286.984 $\pm$ 1.192 χ^2 /NDF:4861.9/35

All: 287.764 $\pm$ 0.848 χ^2 /NDF: 9280.6/68

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: 55.703 $\pm$ 1.102 χ^2 /NDF: 480.8/16

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 54.525 $\pm$ 1.126 χ^2 /NDF: 471.5/15

Left: 55.127 $\pm$ 0.788 χ^2 /NDF: 952.9/32

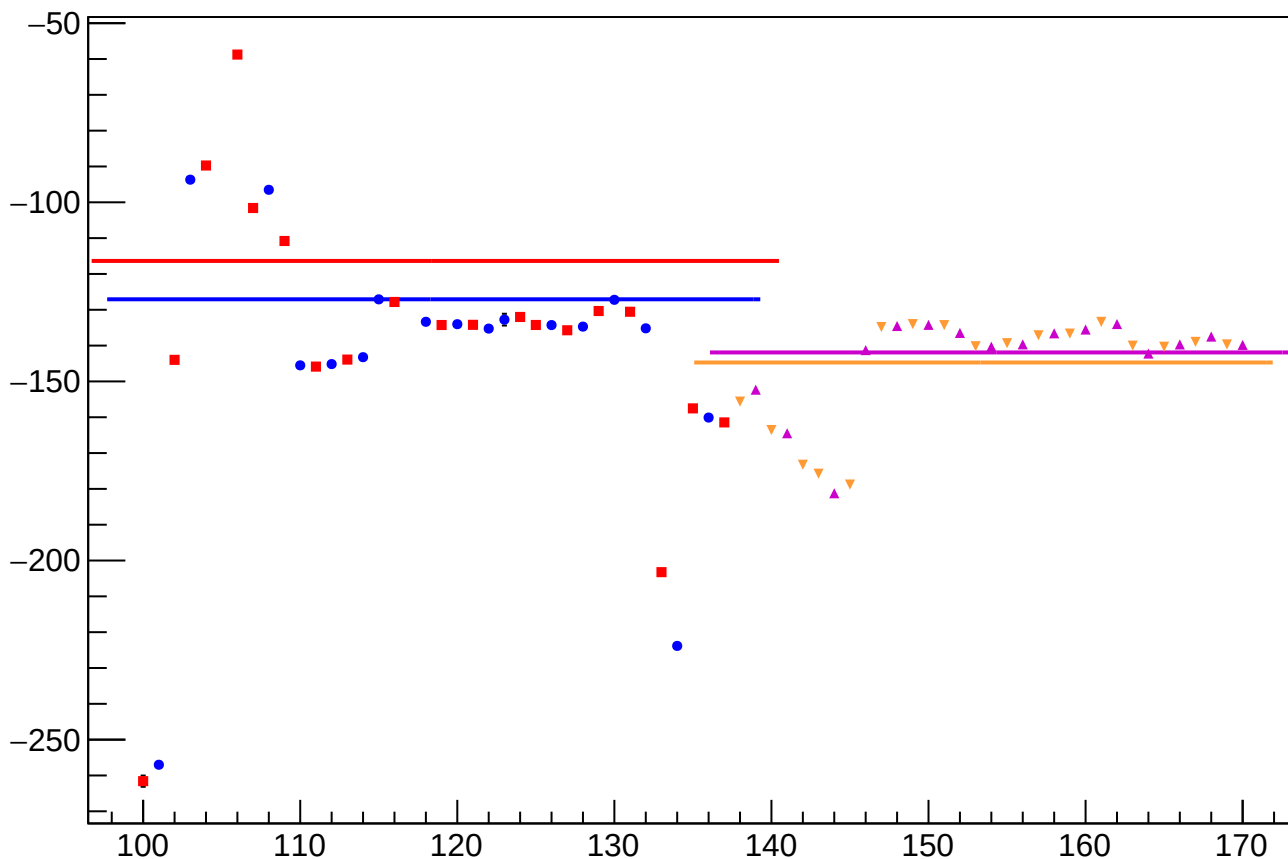
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.300 $\pm$ 0.947 χ^2 /NDF: 956.6/32

Out: 56.873 $\pm$ 0.913 χ^2 /NDF: 971.1/35

All: 58.042 $\pm$ 0.657 χ^2 /NDF: 1931.2/68

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: -144.721+/-0.054 χ^2/NDF : 71005.6/16

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -141.910+/-0.053 χ^2/NDF : 43993.5/15

Left: -143.300+/-0.038 χ^2/NDF : 116367.2/32

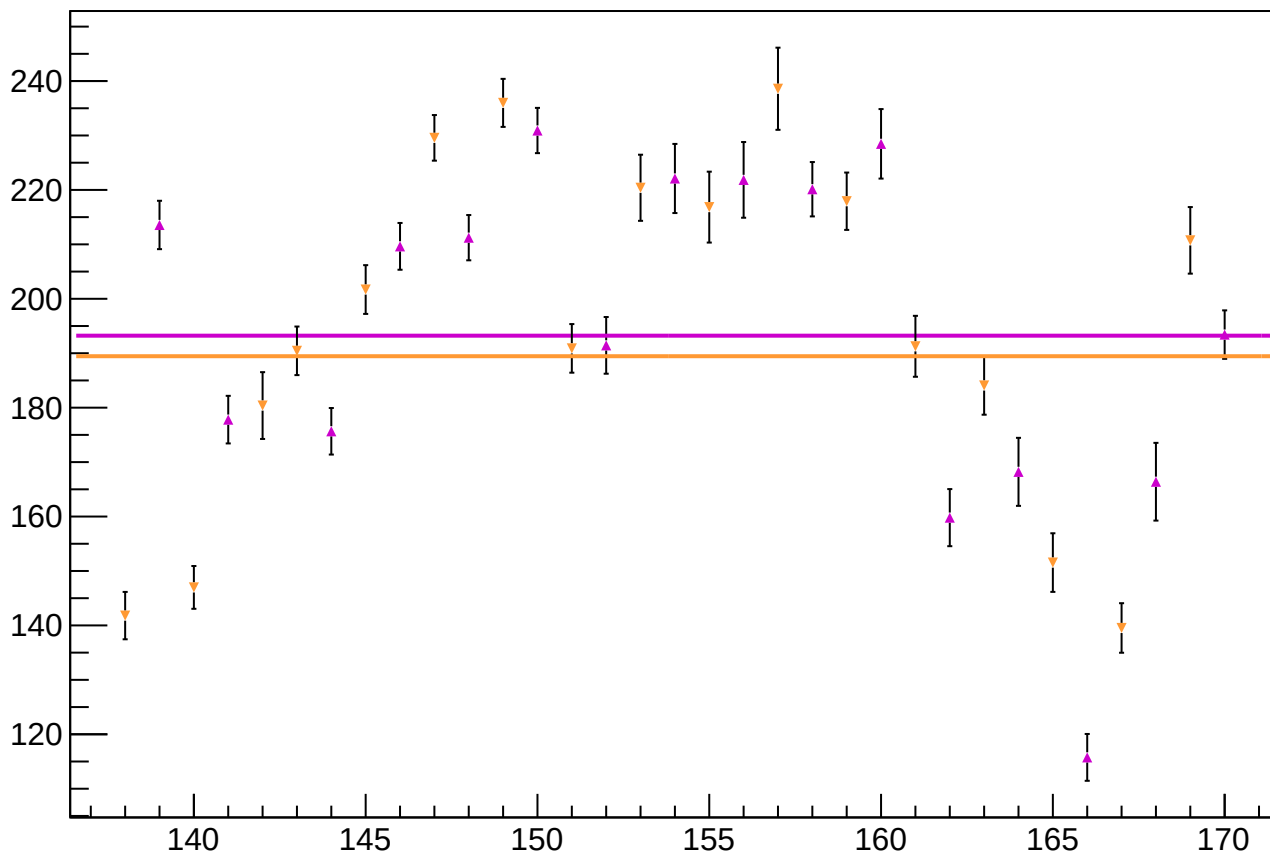
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.014+/-0.046 χ^2/NDF : 231266.2/32

Out: -136.270+/-0.045 χ^2/NDF : 320691.4/35

All: -137.130+/-0.032 χ^2/NDF : 552689.5/68

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: 189.452+/-1.210 χ^2/NDF : 747.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Left: 191.307+/-0.863 χ^2/NDF : 1410.6/32

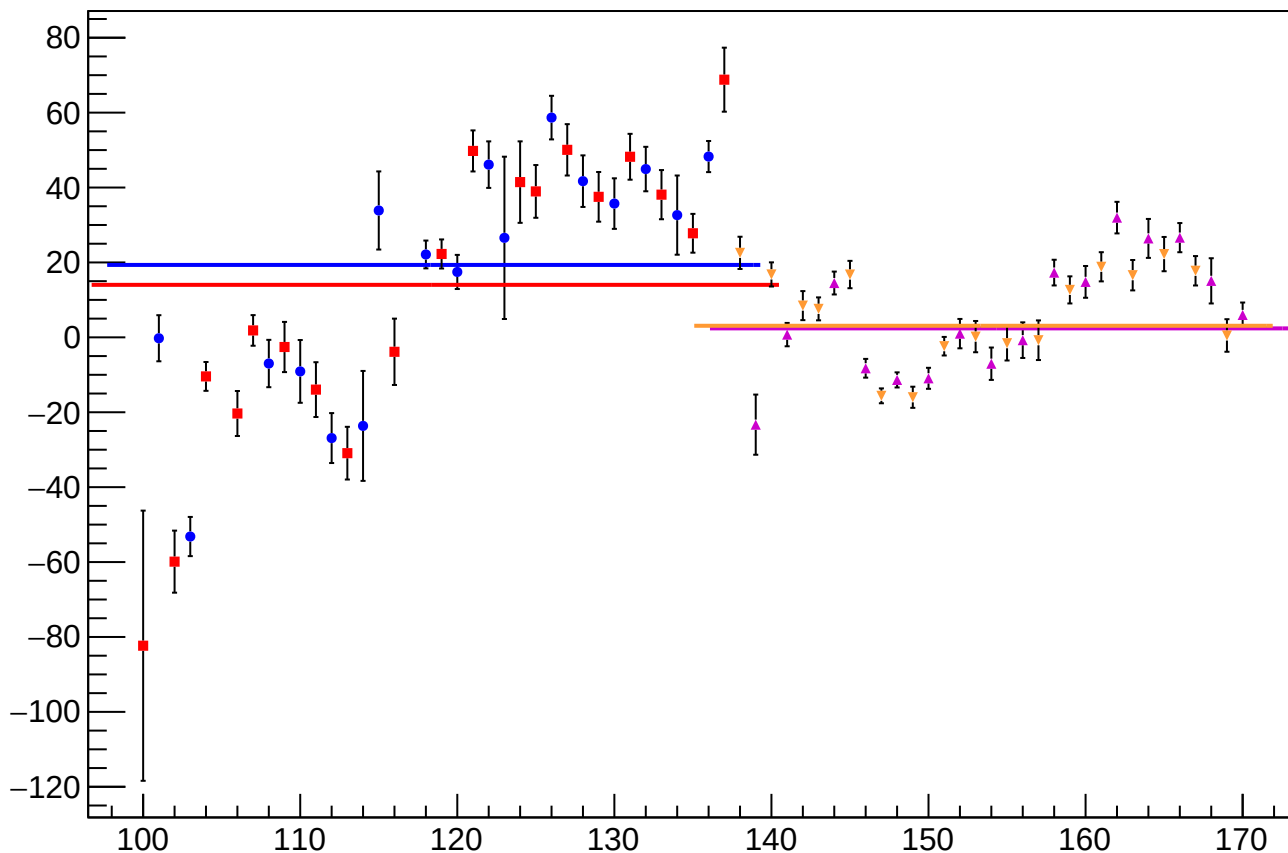
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Out: 189.452+/-1.210 χ^2/NDF : 747.8/16

All: 191.307+/-0.863 χ^2/NDF : 1410.6/32

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 3.091 ± 0.831 χ^2/NDF : 264.3/16

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: 2.392 ± 0.864 χ^2/NDF : 261.1/15

Left: 2.755 ± 0.599 χ^2/NDF : 525.7/32

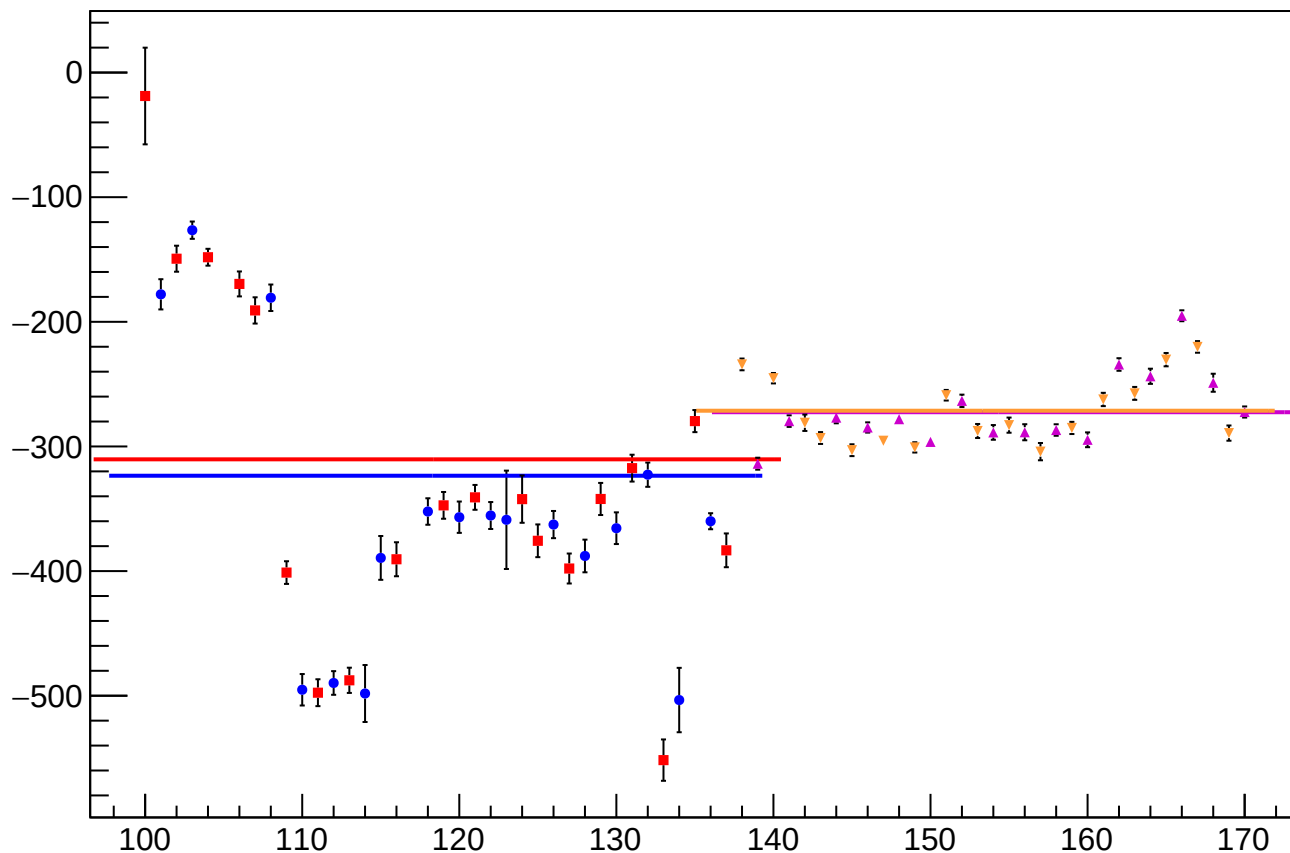
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 6.690 ± 0.747 χ^2/NDF : 798.4/32

Out: 5.966 ± 0.713 χ^2/NDF : 743.0/35

All: 6.312 ± 0.516 χ^2/NDF : 1542.0/68

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -271.327 ± 1.200 χ^2/NDF : 506.5/16

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -272.534 ± 1.208 χ^2/NDF : 568.8/15

Left: -271.926 ± 0.851 χ^2/NDF : 1075.8/32

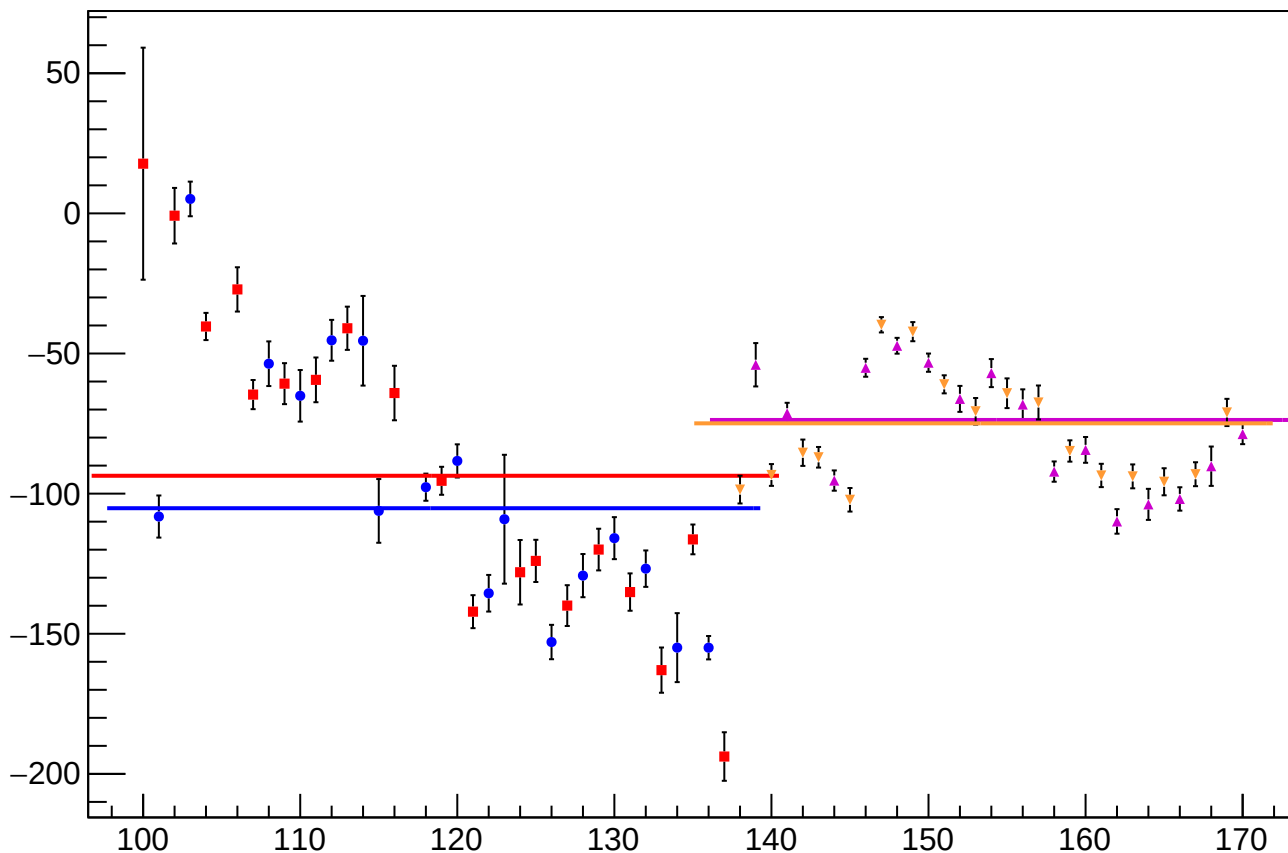
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -281.183 ± 1.101 χ^2/NDF : 2718.2/32

Out: -278.529 ± 1.084 χ^2/NDF : 3002.1/35

All: -279.835 ± 0.772 χ^2/NDF : 5723.3/68

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -74.922 ± 0.987 χ^2/NDF : 468.9/16

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.712 ± 1.018 χ^2/NDF : 401.0/15

Left: -74.335 ± 0.708 χ^2/NDF : 870.6/32

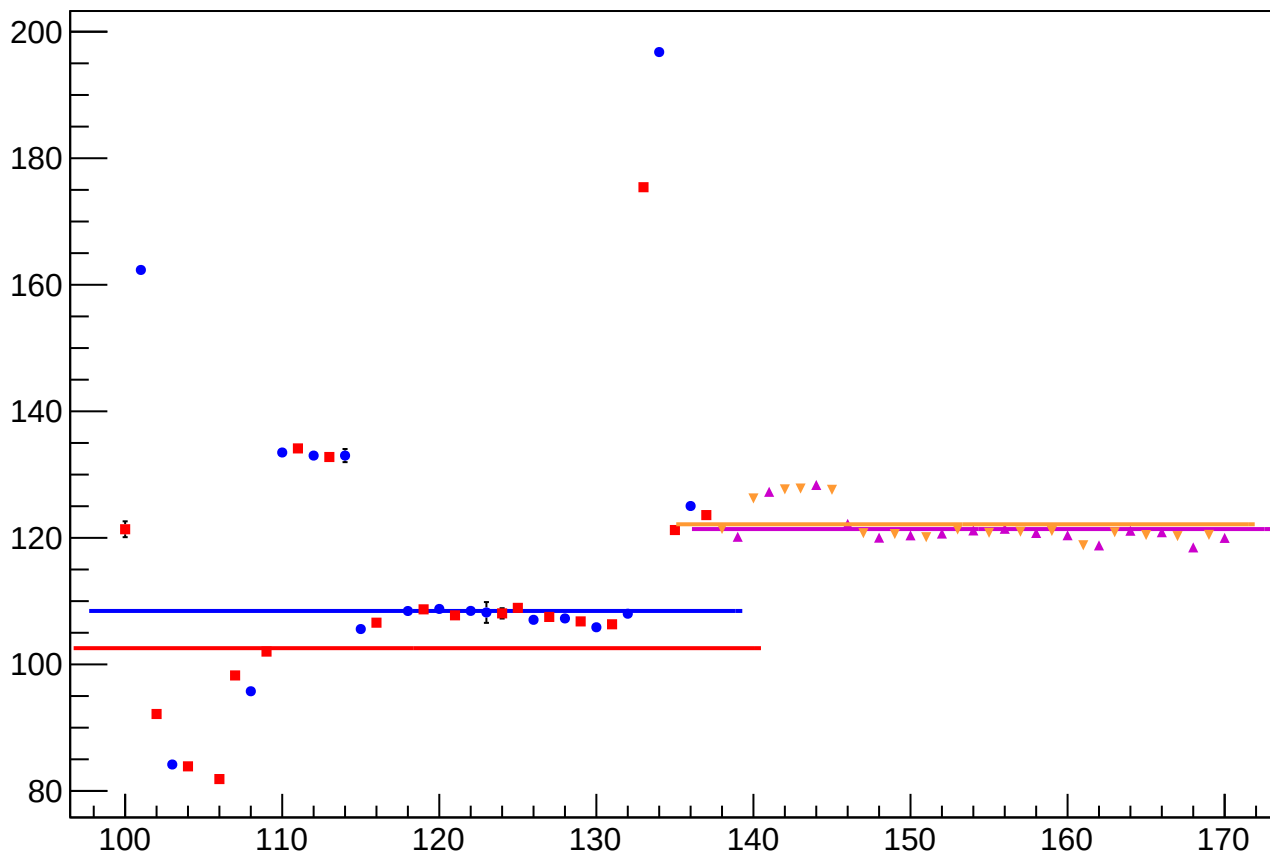
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -82.044 ± 0.873 χ^2/NDF : 1390.0/32

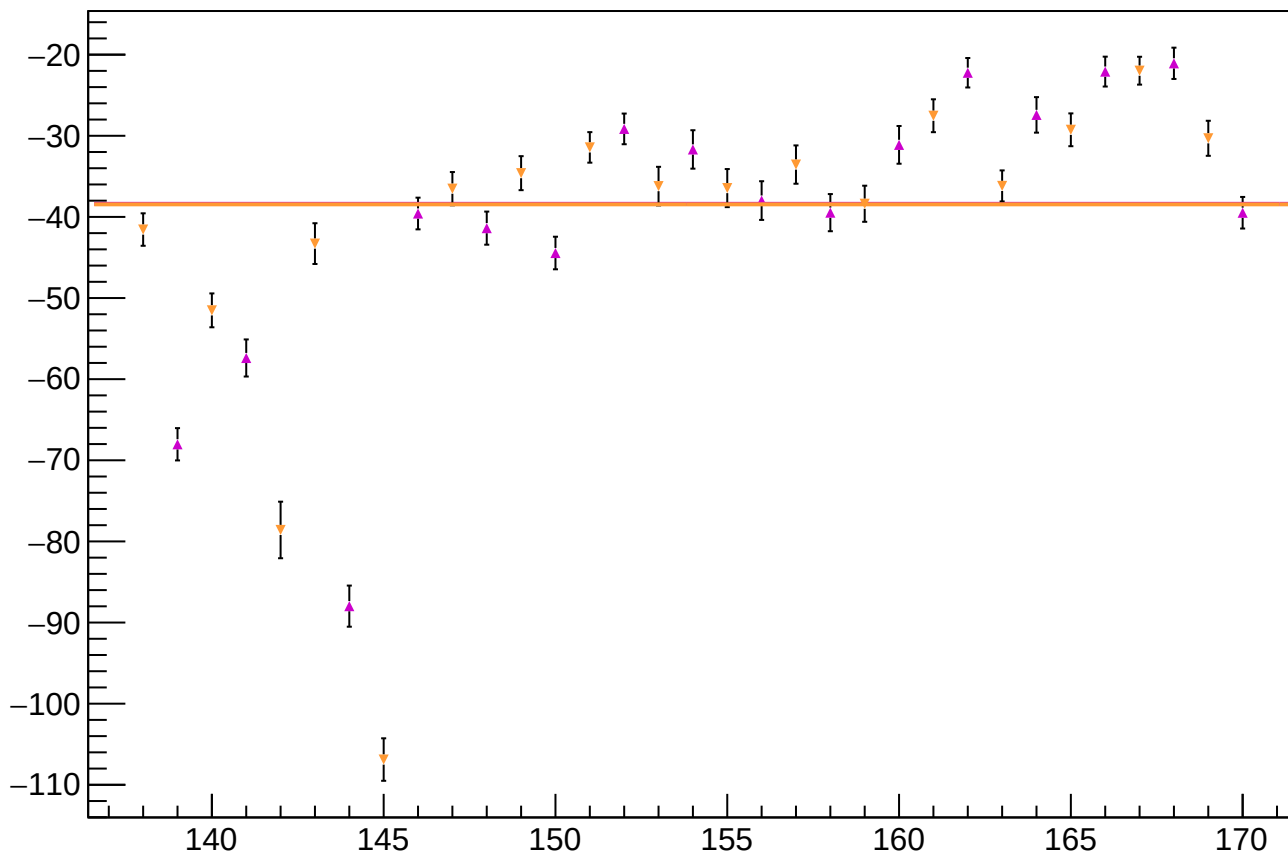
Out: -80.027 ± 0.841 χ^2/NDF : 1389.6/35

All: -80.999 ± 0.606 χ^2/NDF : 2782.4/68

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected

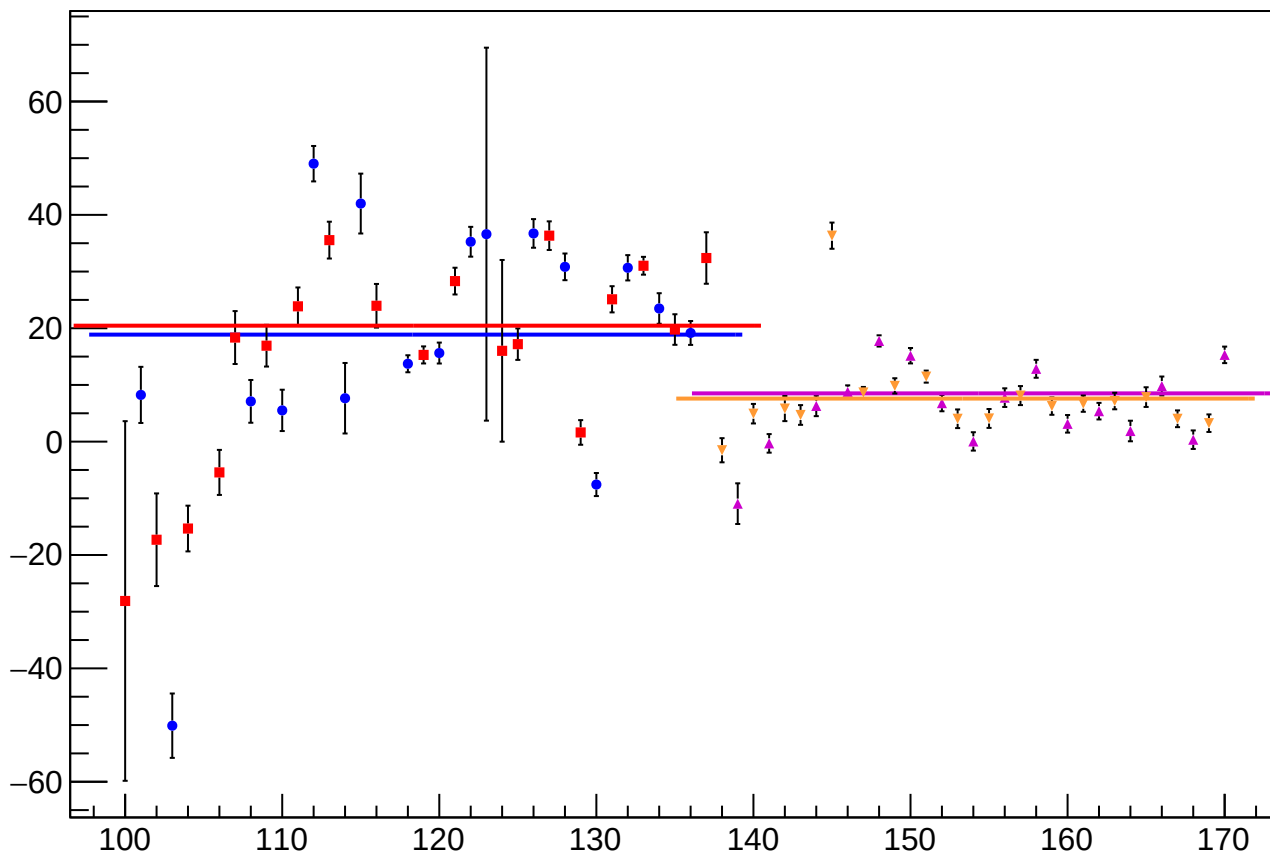


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.449+/-0.522 χ^2/NDF :1042.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.391+/-0.520 χ^2/NDF :990.5/15

Left: -38.420+/-0.368 χ^2/NDF : 2032.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -38.391+/-0.520 χ^2/NDF :990.5/15
 Out: -38.449+/-0.522 χ^2/NDF :1042.1/16

All: -38.420+/-0.368 χ^2/NDF : 2032.6/32

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: 7.593+/-0.367 χ^2/NDF : 220.2/16

Right Out: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: 8.511+/-0.375 χ^2/NDF : 284.5/15

Left: 8.042+/-0.262 χ^2/NDF : 507.8/32

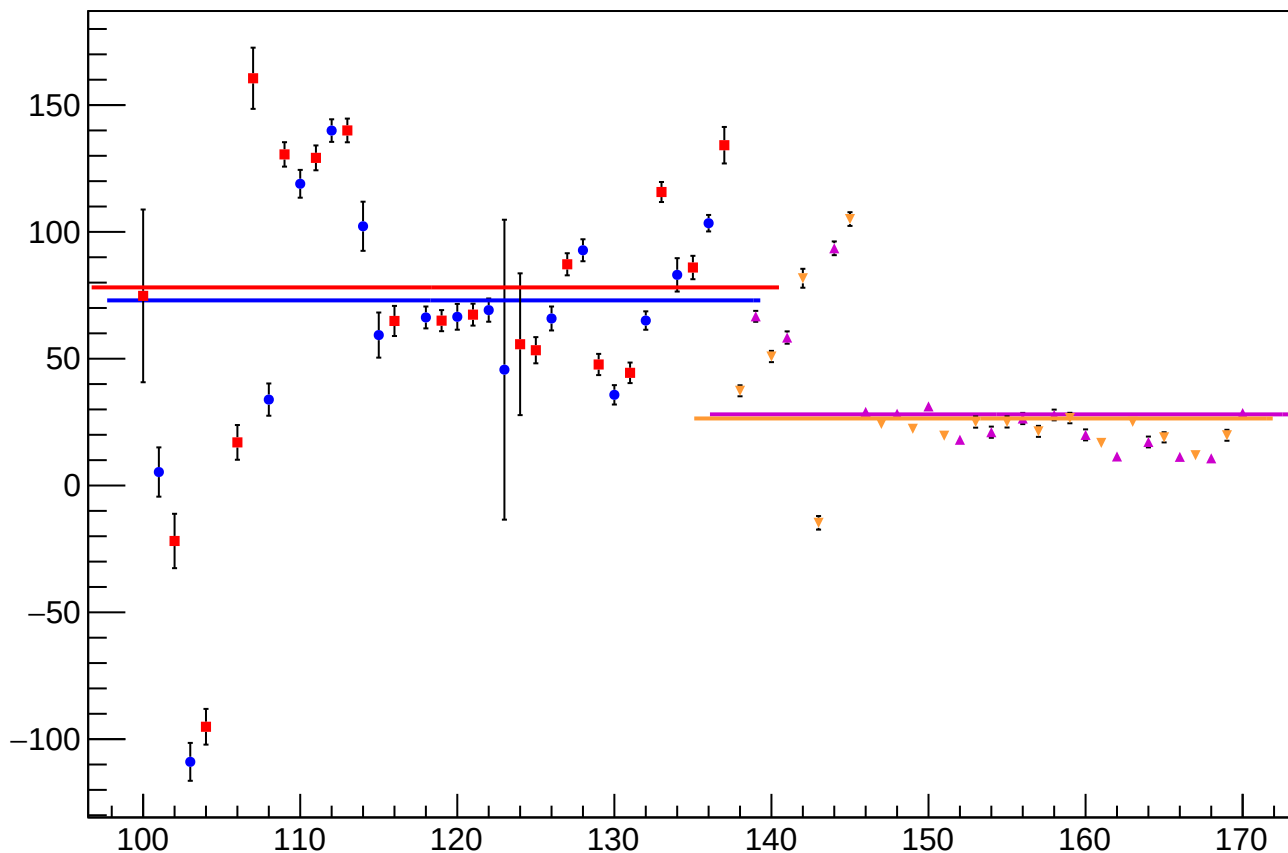
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 11.133+/-0.324 χ^2/NDF : 1098.3/32

Out: 10.744+/-0.318 χ^2/NDF : 886.6/35

All: 10.935+/-0.227 χ^2/NDF : 1985.6/68

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 26.436 $\pm$ 0.512 χ^2 /NDF:1589.4/16

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 28.049 $\pm$ 0.508 χ^2 /NDF:1393.5/15

Left: 27.249 $\pm$ 0.361 χ^2 /NDF: 2987.9/32

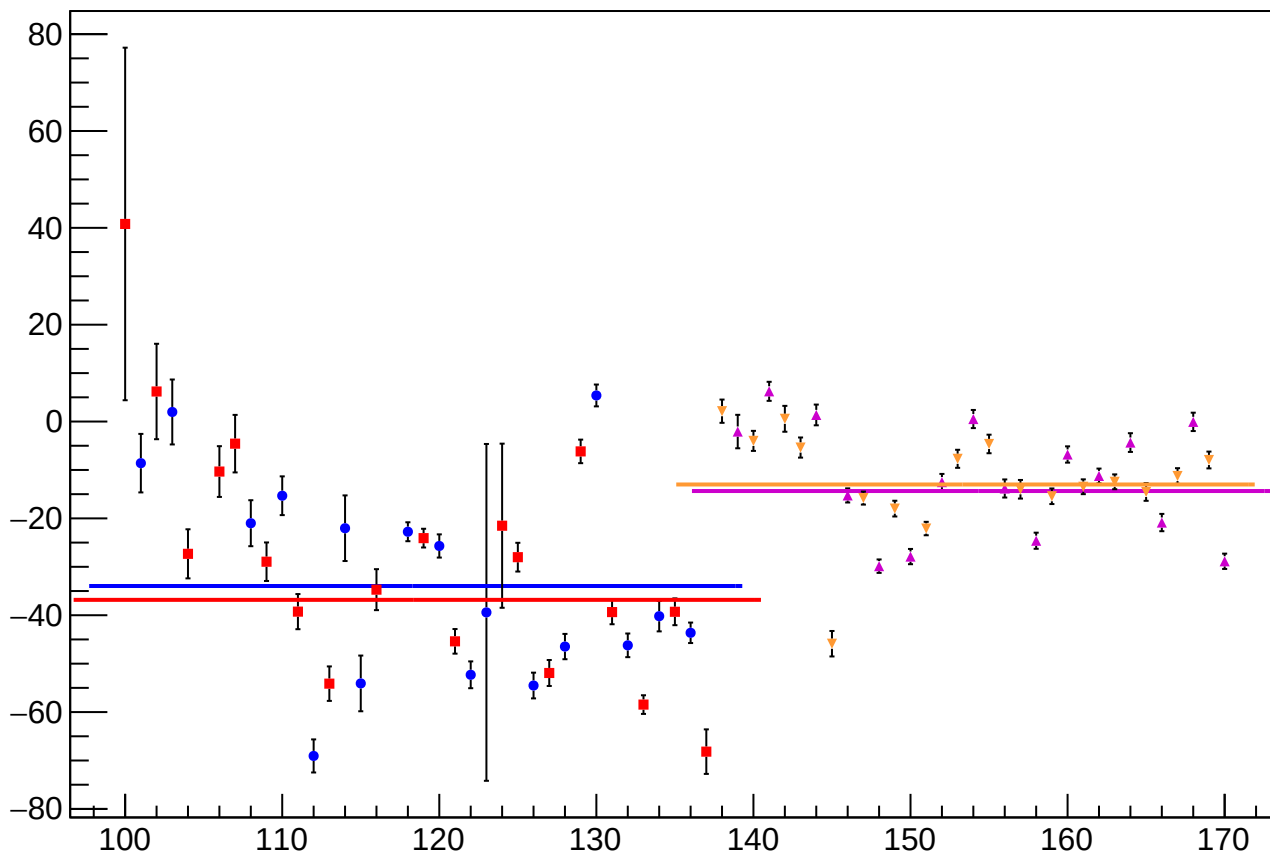
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 34.601 $\pm$ 0.470 χ^2 /NDF:3739.4/32

Out: 34.150 $\pm$ 0.473 χ^2 /NDF:4655.0/35

All: 34.377 $\pm$ 0.333 χ^2 /NDF: 8394.9/68

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: -12.999 ± 0.428 χ^2/NDF : 351.2/16

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.350 ± 0.435 χ^2/NDF : 683.0/15

Left: -13.663 ± 0.305 χ^2/NDF : 1039.1/32

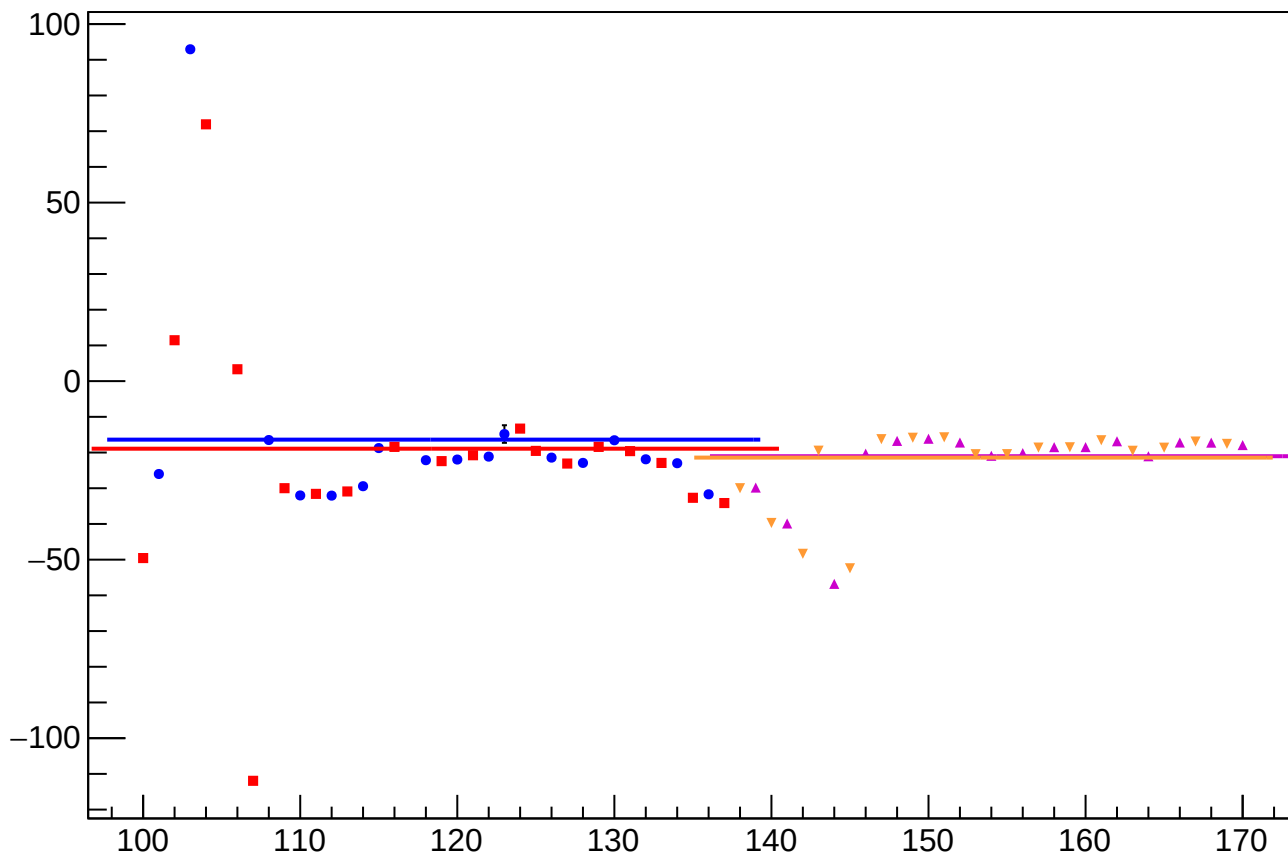
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.417 ± 0.375 χ^2/NDF : 1929.4/32

Out: -19.007 ± 0.370 χ^2/NDF : 1673.0/35

All: -19.209 ± 0.263 χ^2/NDF : 3603.0/68

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: -21.417 ± 0.020 $\chi^2/\text{NDF}: 191332.0/16$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.029 ± 0.020 $\chi^2/\text{NDF}: 162745.6/15$

Left: -21.221 ± 0.014 $\chi^2/\text{NDF}: 354264.8/32$

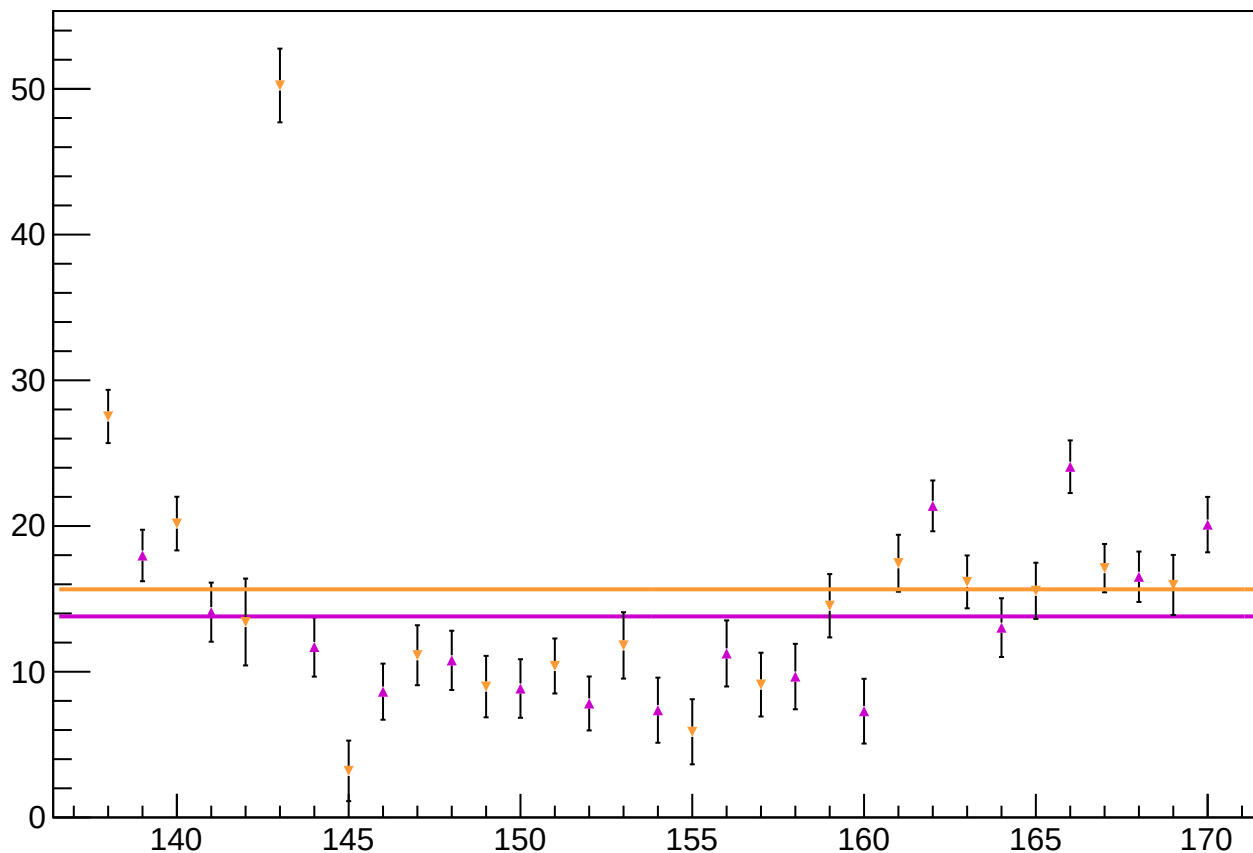
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.255 ± 0.018 $\chi^2/\text{NDF}: 646129.2/32$

Out: -21.006 ± 0.018 $\chi^2/\text{NDF}: 628009.3/35$

All: -20.626 ± 0.013 $\chi^2/\text{NDF}: 1274981.6/68$

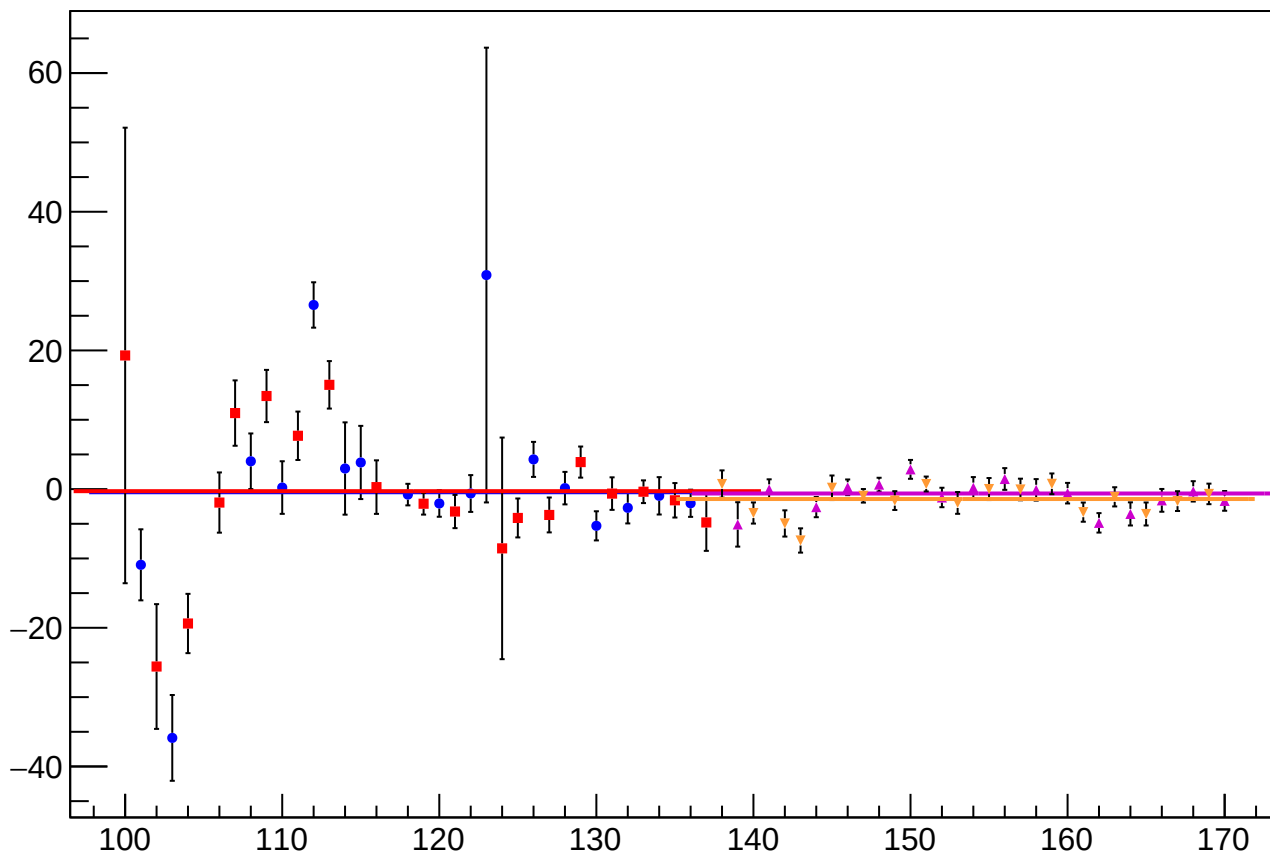
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 15.656 $\pm$ 0.495 χ^2 /NDF:327.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.797 $\pm$ 0.491 χ^2 /NDF:118.9/15

Left: 14.720 $\pm$ 0.349 χ^2 /NDF: 453.3/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.797 $\pm$ 0.491 χ^2 /NDF:118.9/15
 Out: 15.656 $\pm$ 0.495 χ^2 /NDF:327.3/16
 All: 14.720 $\pm$ 0.349 χ^2 /NDF: 453.3/32

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: -1.430 ± 0.352 χ^2/NDF : 31.1/16

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.632 ± 0.358 χ^2/NDF : 28.3/15

Left: -1.038 ± 0.251 χ^2/NDF : 61.9/32

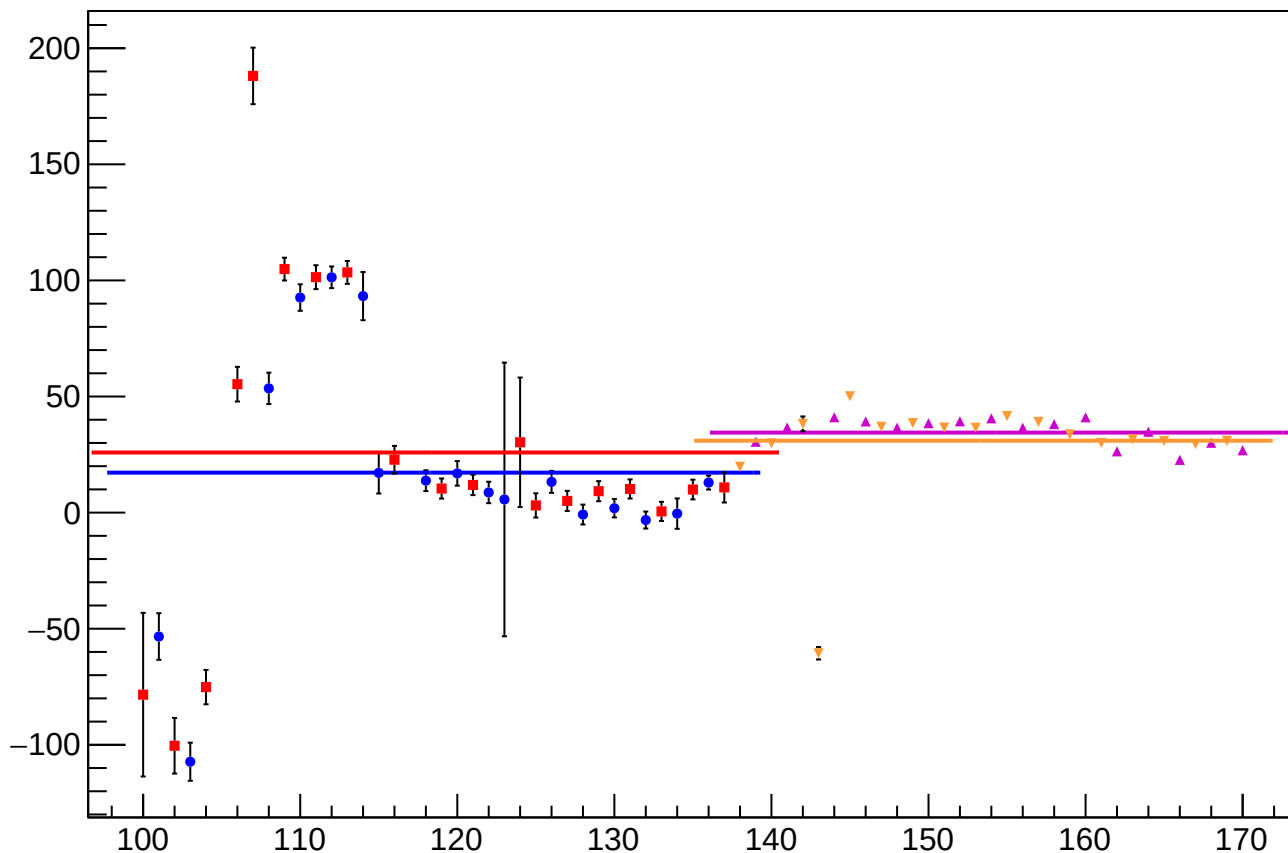
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.590 ± 0.314 χ^2/NDF : 147.9/32

Out: -1.178 ± 0.310 χ^2/NDF : 117.8/35

All: -0.888 ± 0.221 χ^2/NDF : 267.5/68

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: 30.984 ± 0.487 $\chi^2/\text{NDF}: 1353.3/16$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 34.463 ± 0.482 $\chi^2/\text{NDF}: 143.9/15$

Left: 32.743 ± 0.343 $\chi^2/\text{NDF}: 1522.9/32$

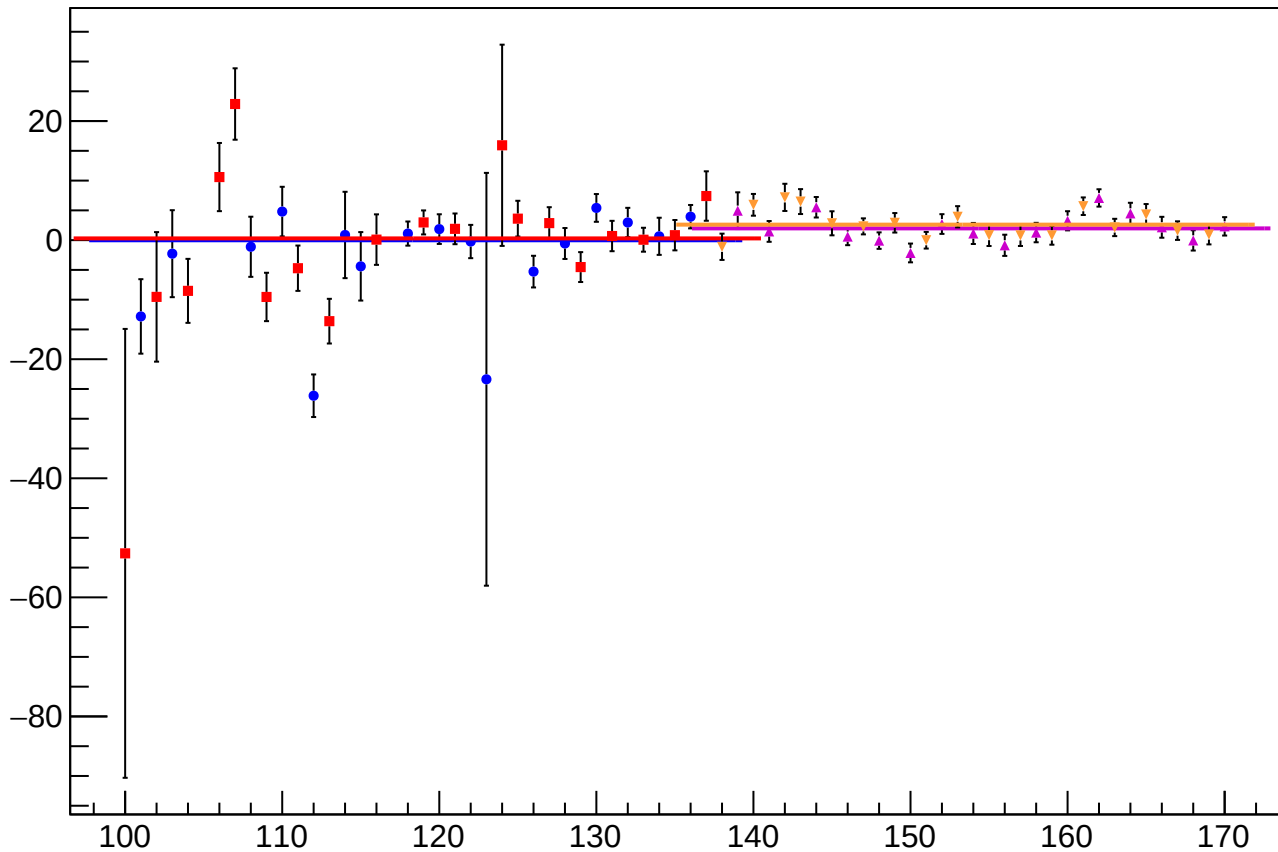
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 32.203 ± 0.449 $\chi^2/\text{NDF}: 1251.8/32$

Out: 30.307 ± 0.454 $\chi^2/\text{NDF}: 2742.6/35$

All: 31.265 ± 0.319 $\chi^2/\text{NDF}: 4003.2/68$

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: 2.602 ± 0.409 χ^2/NDF : 27.9/16

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.972 ± 0.415 χ^2/NDF : 34.8/15

Left: 2.292 ± 0.291 χ^2/NDF : 63.9/32

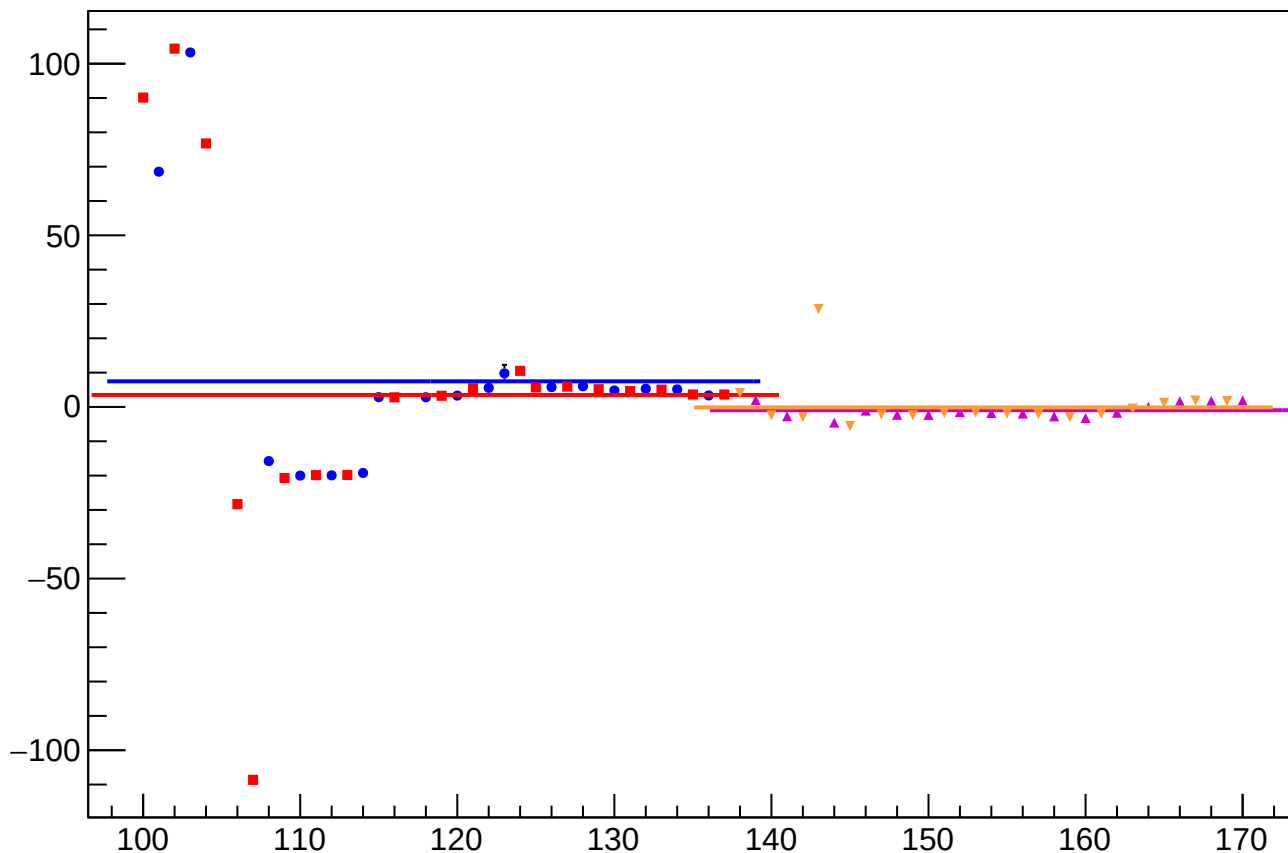
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.500 ± 0.362 χ^2/NDF : 116.1/32

Out: 2.071 ± 0.359 χ^2/NDF : 91.3/35

All: 1.788 ± 0.255 χ^2/NDF : 208.6/68

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.128+/-0.019 χ^2/NDF : 85629.4/16

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -0.948+/-0.019 χ^2/NDF : 10854.5/15

Left: -0.543+/-0.013 χ^2/NDF : 97420.4/32

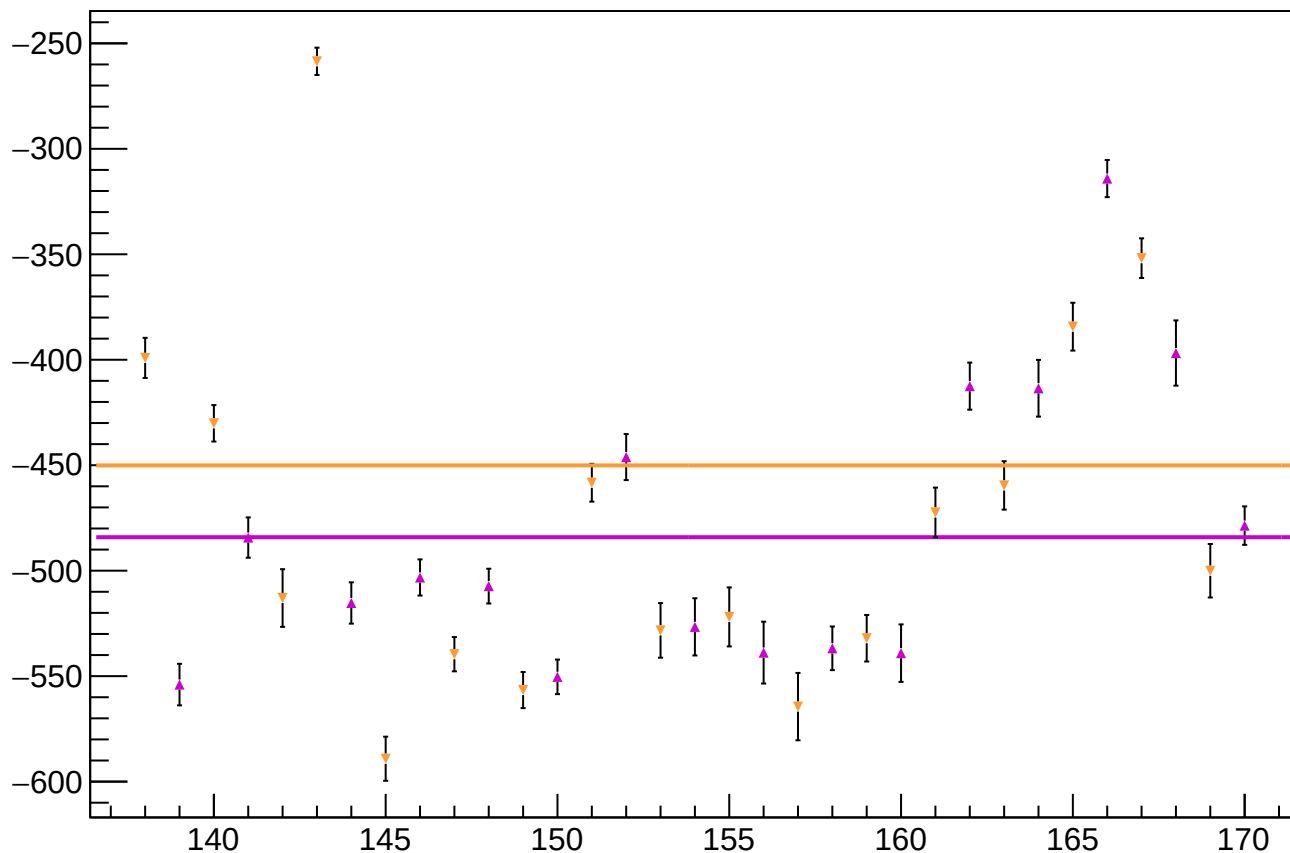
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.331+/-0.017 χ^2/NDF : 397108.2/32

Out: 0.414+/-0.018 χ^2/NDF : 601600.4/35

All: 0.372+/-0.012 χ^2/NDF : 998719.6/68

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: -450.088+/-2.444 χ^2/NDF :1715.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -484.127+/-2.576 χ^2/NDF :690.5/15

Left: -466.218+/-1.773 χ^2/NDF : 2498.3/32

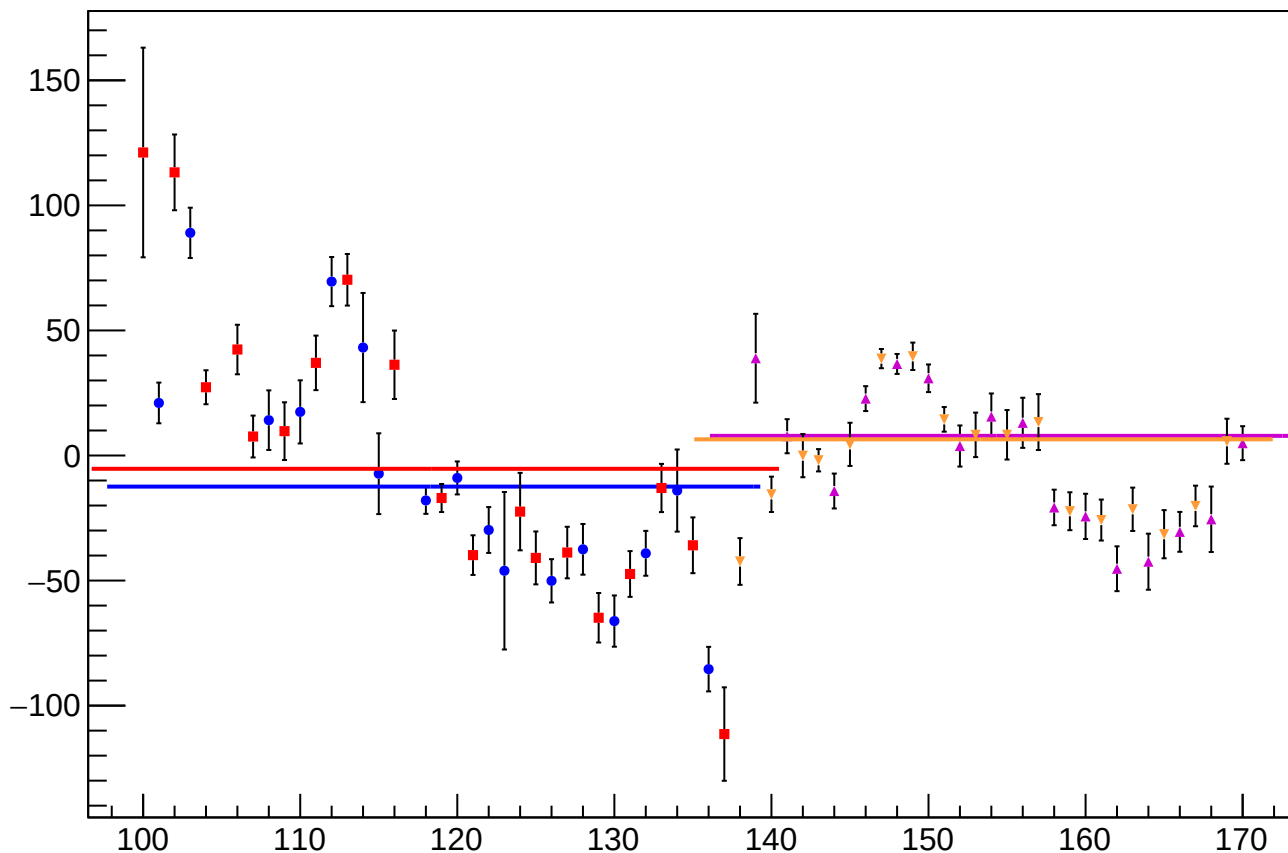
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -484.127+/-2.576 χ^2/NDF :690.5/15

Out: -450.088+/-2.444 χ^2/NDF :1715.9/16

All: -466.218+/-1.773 χ^2/NDF : 2498.3/32

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: 6.470 ± 1.654 χ^2/NDF : 218.1/16

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 7.858 ± 1.786 χ^2/NDF : 206.6/15

Left: 7.110 ± 1.213 χ^2/NDF : 425.0/32

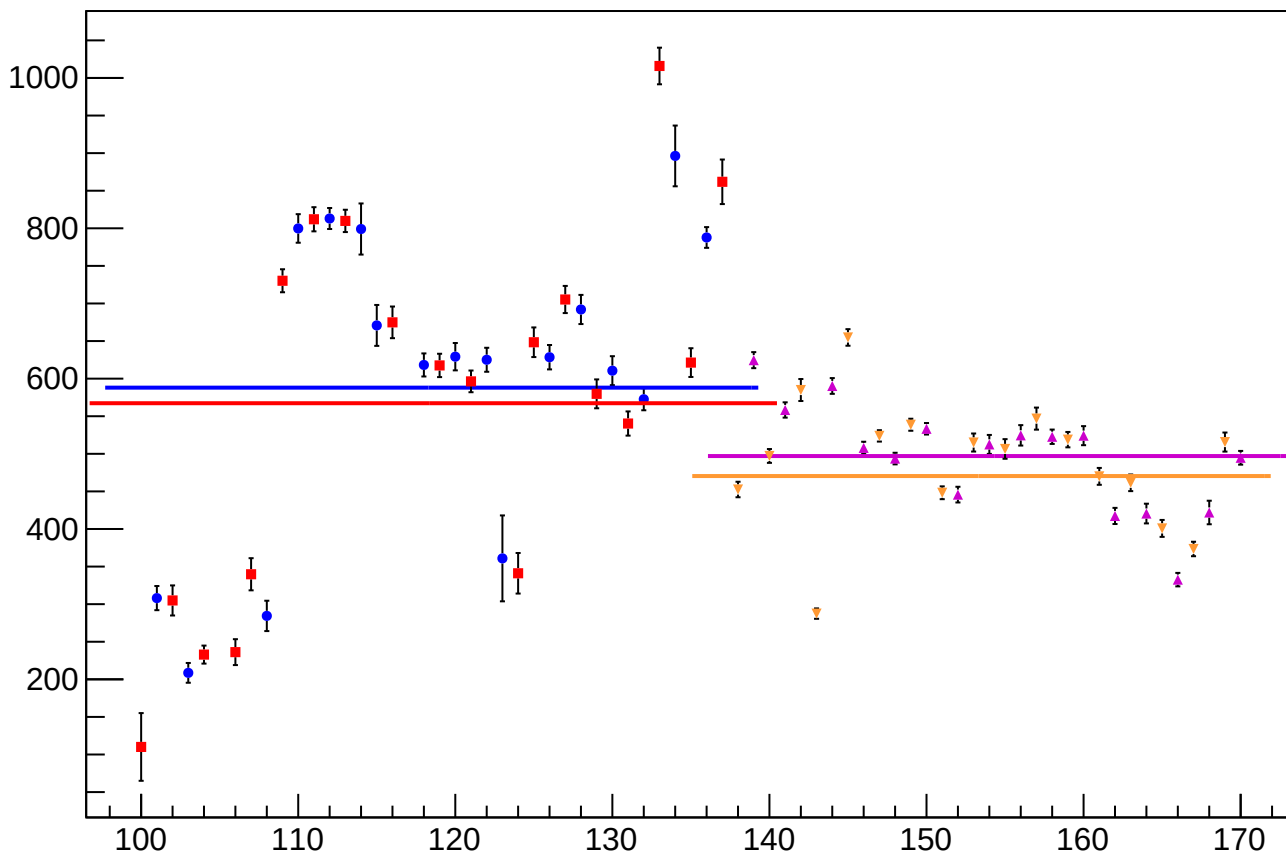
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.287 ± 1.414 χ^2/NDF : 595.0/32

Out: 2.358 ± 1.335 χ^2/NDF : 578.6/35

All: 1.383 ± 0.971 χ^2/NDF : 1174.7/68

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 470.428 $\pm$ 2.427 χ^2 /NDF:1407.7/16

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 497.028 $\pm$ 2.521 χ^2 /NDF:772.7/15

Left: 483.220 $\pm$ 1.748 χ^2 /NDF: 2238.1/32

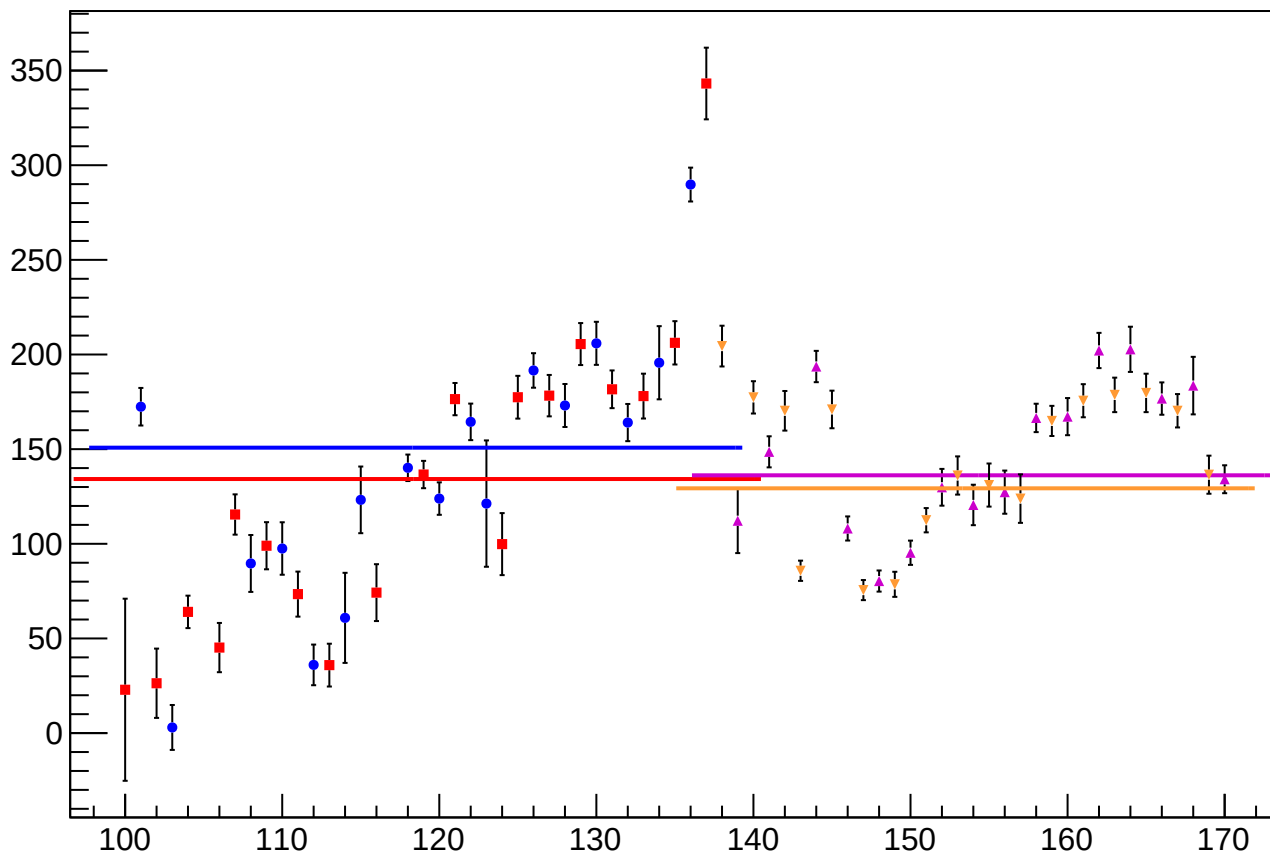
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 520.080 $\pm$ 2.179 χ^2 /NDF:3230.4/32

Out: 495.264 $\pm$ 2.093 χ^2 /NDF:4600.6/35

All: 507.172 $\pm$ 1.509 χ^2 /NDF: 7898.5/68

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: 129.309 ± 1.976 χ^2/NDF : 472.6/16

Right Out: 134.219 ± 2.615 χ^2/NDF : 581.6/18

Left In: 136.186 ± 2.112 χ^2/NDF : 355.8/15

Left: 132.518 ± 1.443 χ^2/NDF : 834.1/32

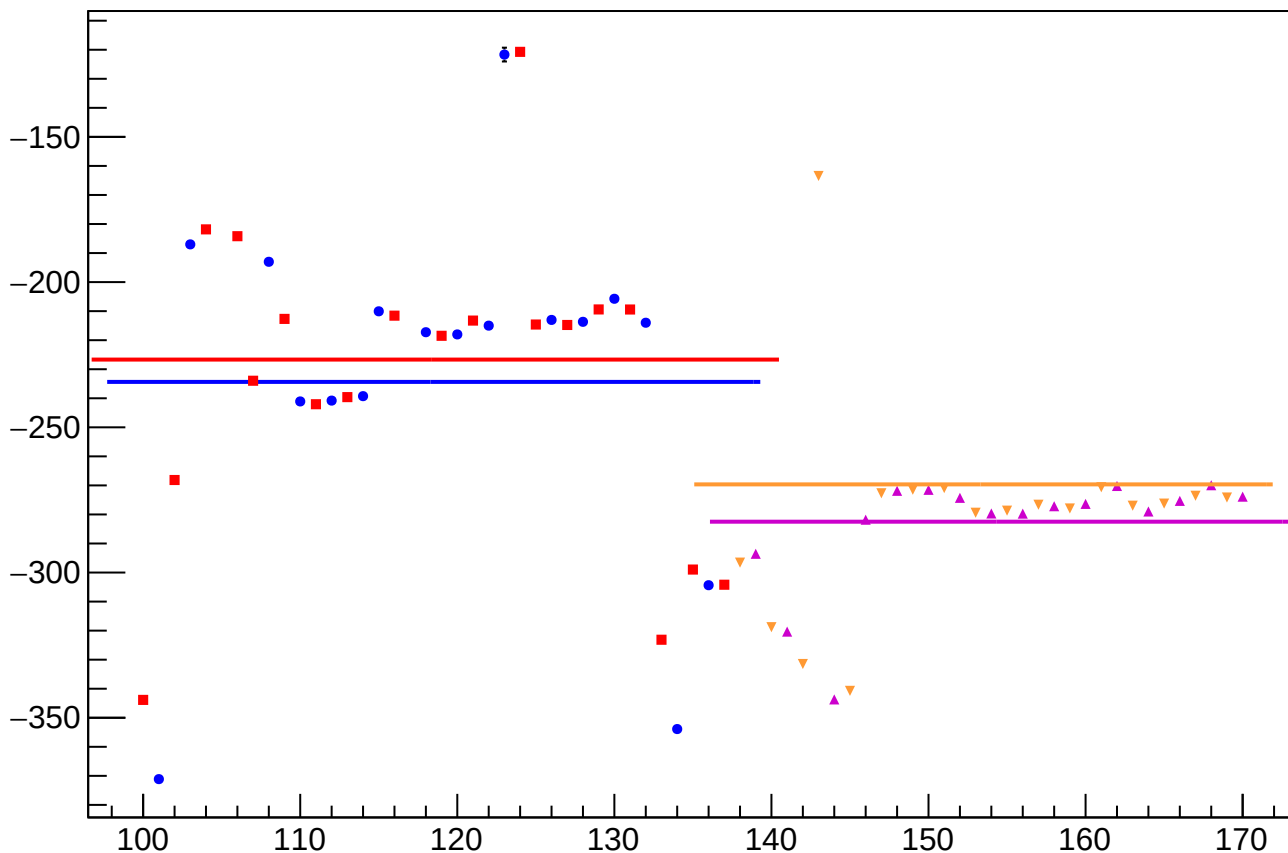
Right: 142.302 ± 1.872 χ^2/NDF : 1234.3/35

In: 141.782 ± 1.659 χ^2/NDF : 1007.2/32

Out: 131.093 ± 1.576 χ^2/NDF : 1056.5/35

All: 136.165 ± 1.143 χ^2/NDF : 2085.5/68

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -269.646 ± 0.098 $\chi^2/\text{NDF}: 205180.2/16$

Right Out: -226.674 ± 0.141 $\chi^2/\text{NDF}: 99490.5/18$

Left In: -282.492 ± 0.100 $\chi^2/\text{NDF}: 32508.6/15$

Left: -275.884 ± 0.070 $\chi^2/\text{NDF}: 246094.5/32$

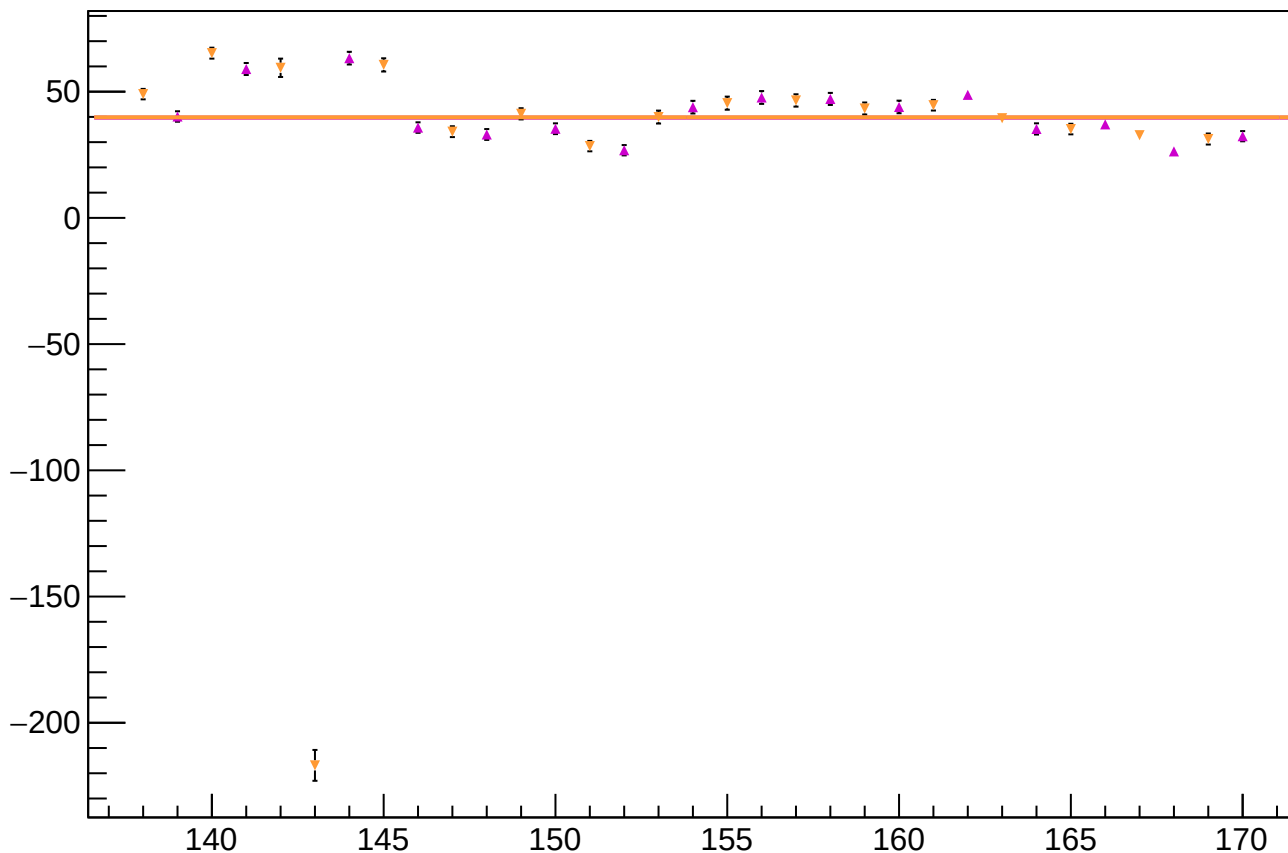
Right: -230.326 ± 0.102 $\chi^2/\text{NDF}: 246056.0/35$

In: -267.370 ± 0.083 $\chi^2/\text{NDF}: 249738.1/32$

Out: -255.753 ± 0.080 $\chi^2/\text{NDF}: 367295.9/35$

All: -261.356 ± 0.058 $\chi^2/\text{NDF}: 627122.4/68$

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: 39.842+/-0.557 χ^2/NDF :2107.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.711+/-0.543 χ^2/NDF :327.3/15

Left: 39.775+/-0.389 χ^2/NDF : 2434.6/32

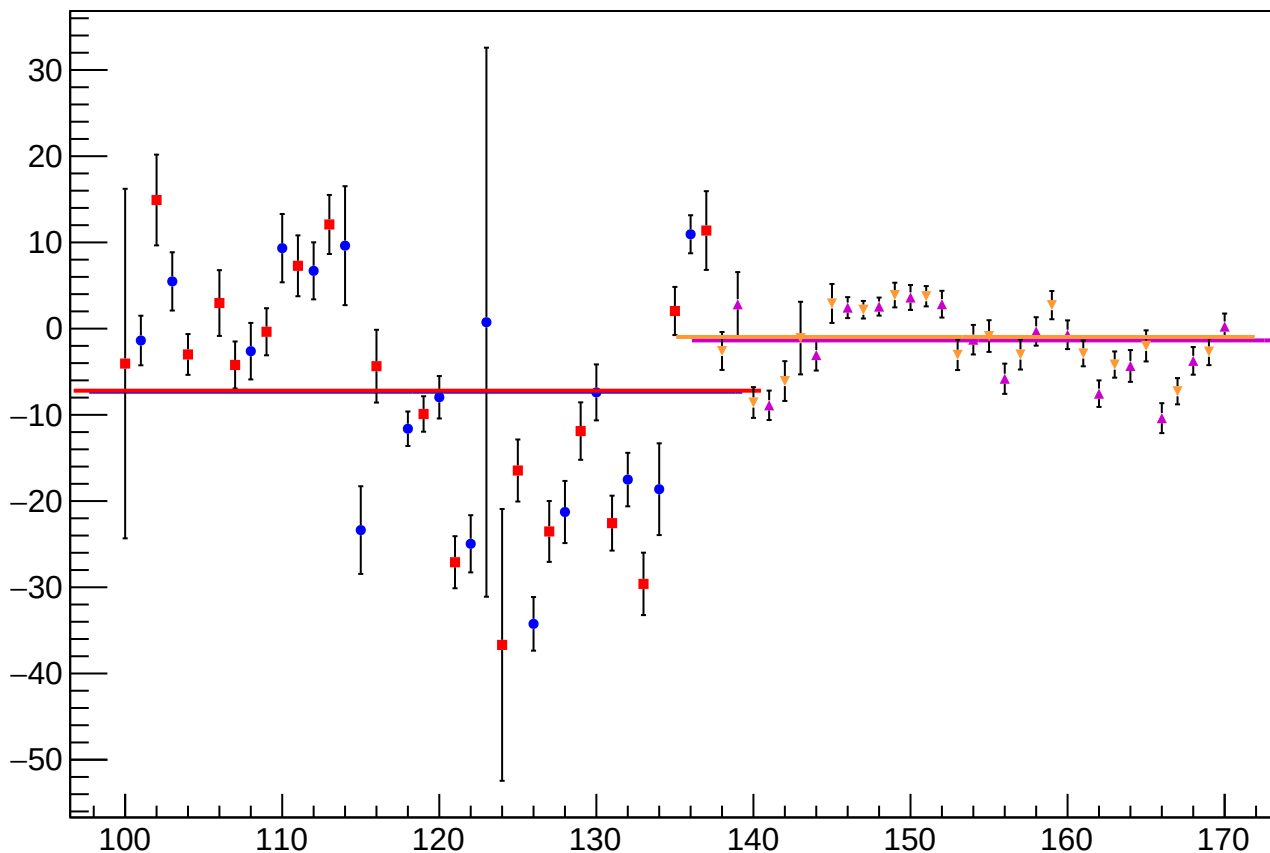
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.711+/-0.543 χ^2/NDF :327.3/15

Out: 39.842+/-0.557 χ^2/NDF :2107.3/16

All: 39.775+/-0.389 χ^2/NDF : 2434.6/32

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: -0.966 ± 0.393 χ^2/NDF : 96.4/16

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.366 ± 0.393 χ^2/NDF : 120.7/15

Left: -1.166 ± 0.278 χ^2/NDF : 217.6/32

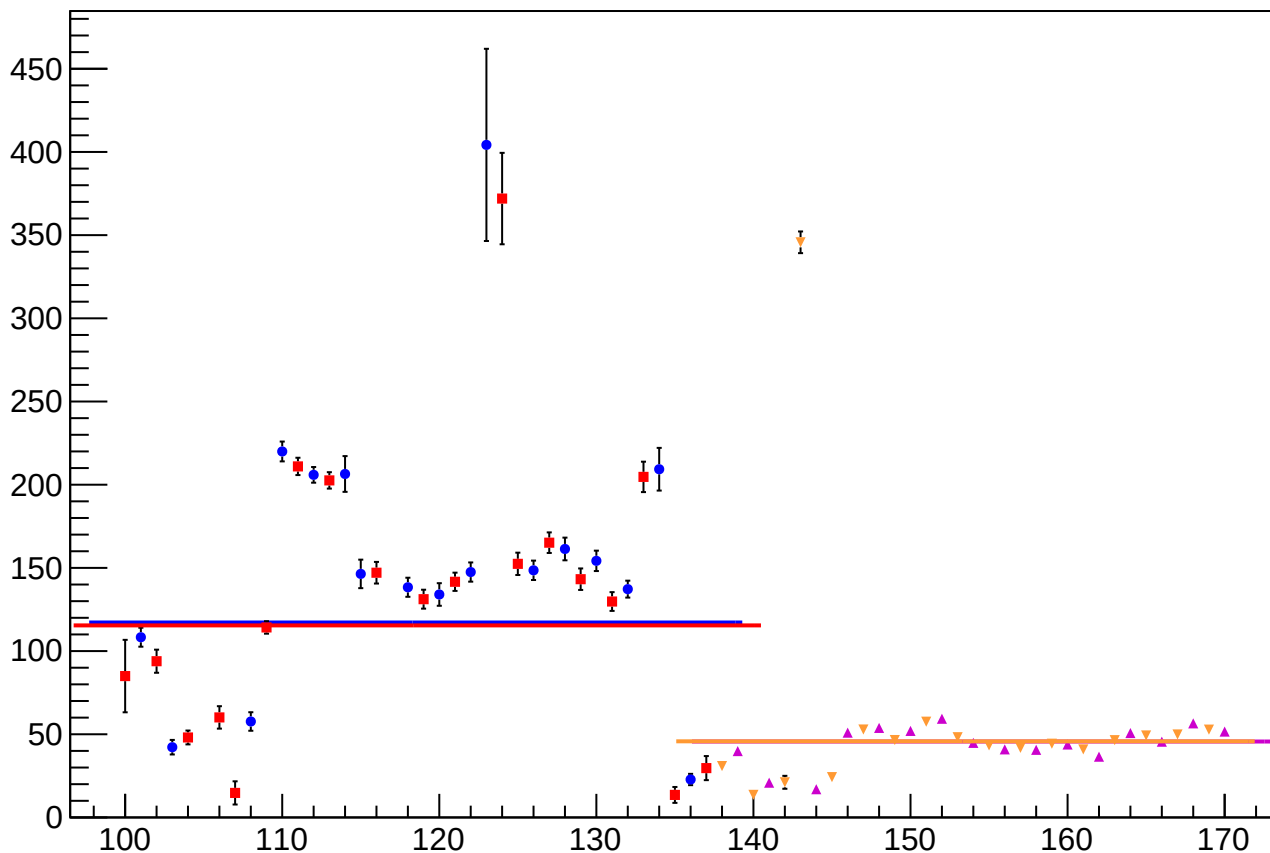
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.569 ± 0.351 χ^2/NDF : 446.1/32

Out: -2.276 ± 0.349 χ^2/NDF : 401.4/35

All: -2.422 ± 0.247 χ^2/NDF : 847.9/68

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: 45.763 ± 0.546 χ^2/NDF : 2536.3/16

Right Out: 115.437 ± 1.361 χ^2/NDF : 2151.2/18

Left In: 45.641 ± 0.531 χ^2/NDF : 379.5/15

Left: 45.701 ± 0.381 χ^2/NDF : 2915.7/32

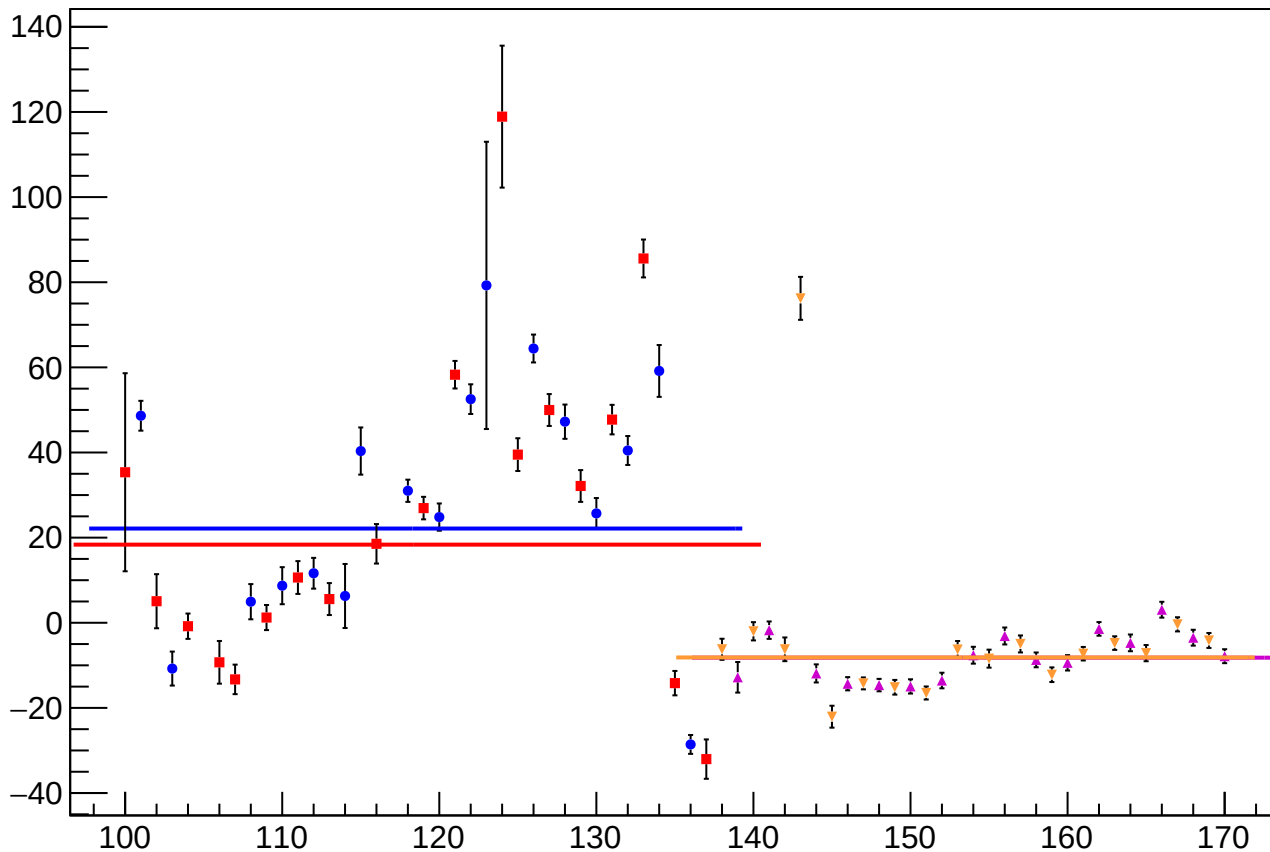
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 54.514 ± 0.497 χ^2/NDF : 4789.4/32

Out: 55.424 ± 0.507 χ^2/NDF : 6946.3/35

All: 54.960 ± 0.355 χ^2/NDF : 11737.4/68

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -8.151 ± 0.457 $\chi^2/\text{NDF}: 423.9/16$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -8.202 ± 0.456 $\chi^2/\text{NDF}: 145.6/15$

Left: -8.176 ± 0.323 $\chi^2/\text{NDF}: 569.5/32$

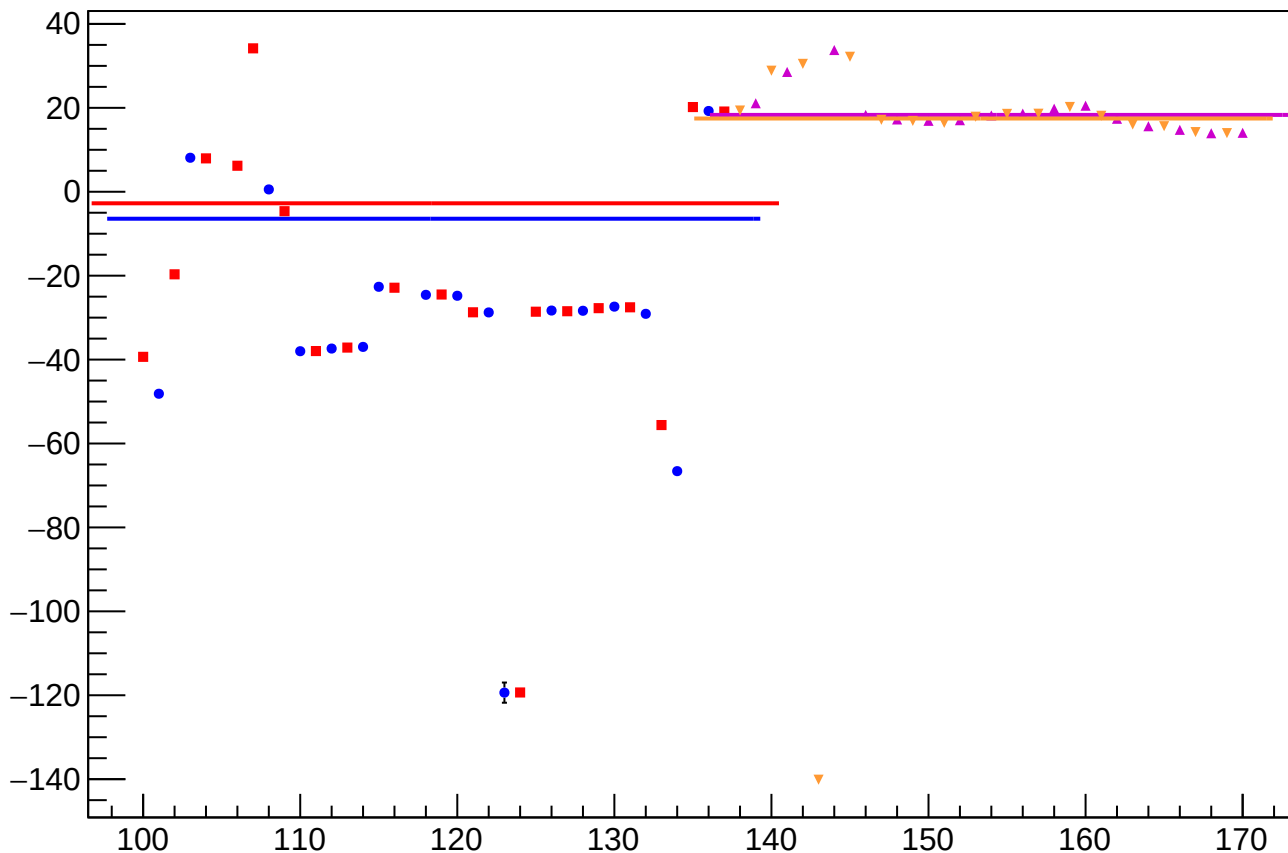
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.915 ± 0.406 $\chi^2/\text{NDF}: 2128.5/32$

Out: -2.424 ± 0.405 $\chi^2/\text{NDF}: 2220.1/35$

All: -2.170 ± 0.287 $\chi^2/\text{NDF}: 4349.4/68$

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: 17.456 ± 0.021 χ^2/NDF : 406483.4/16

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 18.314 ± 0.021 χ^2/NDF : 40082.7/15

Left: 17.897 ± 0.015 χ^2/NDF : 447392.5/32

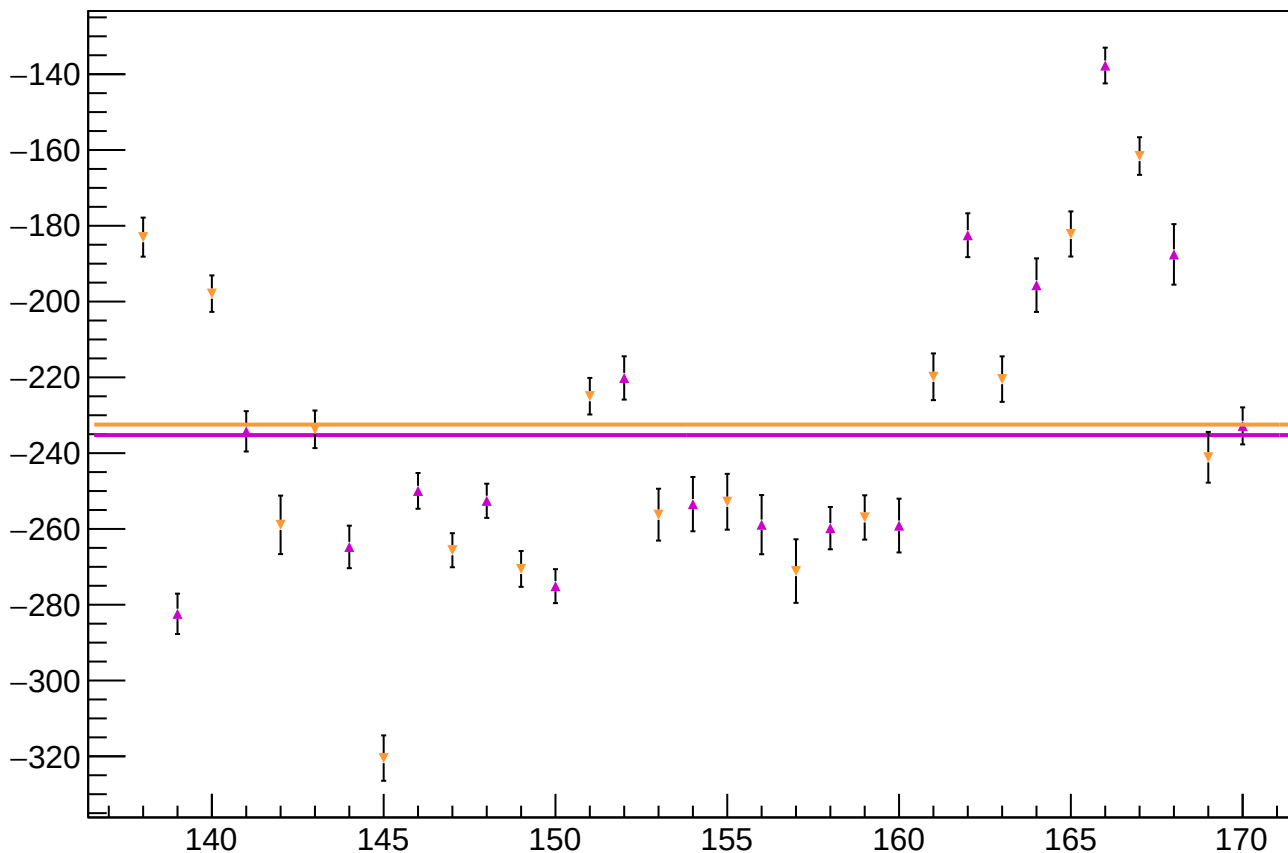
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 14.149 ± 0.019 χ^2/NDF : 543636.6/32

Out: 13.816 ± 0.019 χ^2/NDF : 833230.2/35

All: 13.986 ± 0.014 χ^2/NDF : 1377017.3/68

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: -232.462+/-1.371 χ^2/NDF : 836.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.237+/-1.391 χ^2/NDF : 841.5/15

Left: -233.830+/-0.976 χ^2/NDF : 1680.2/32

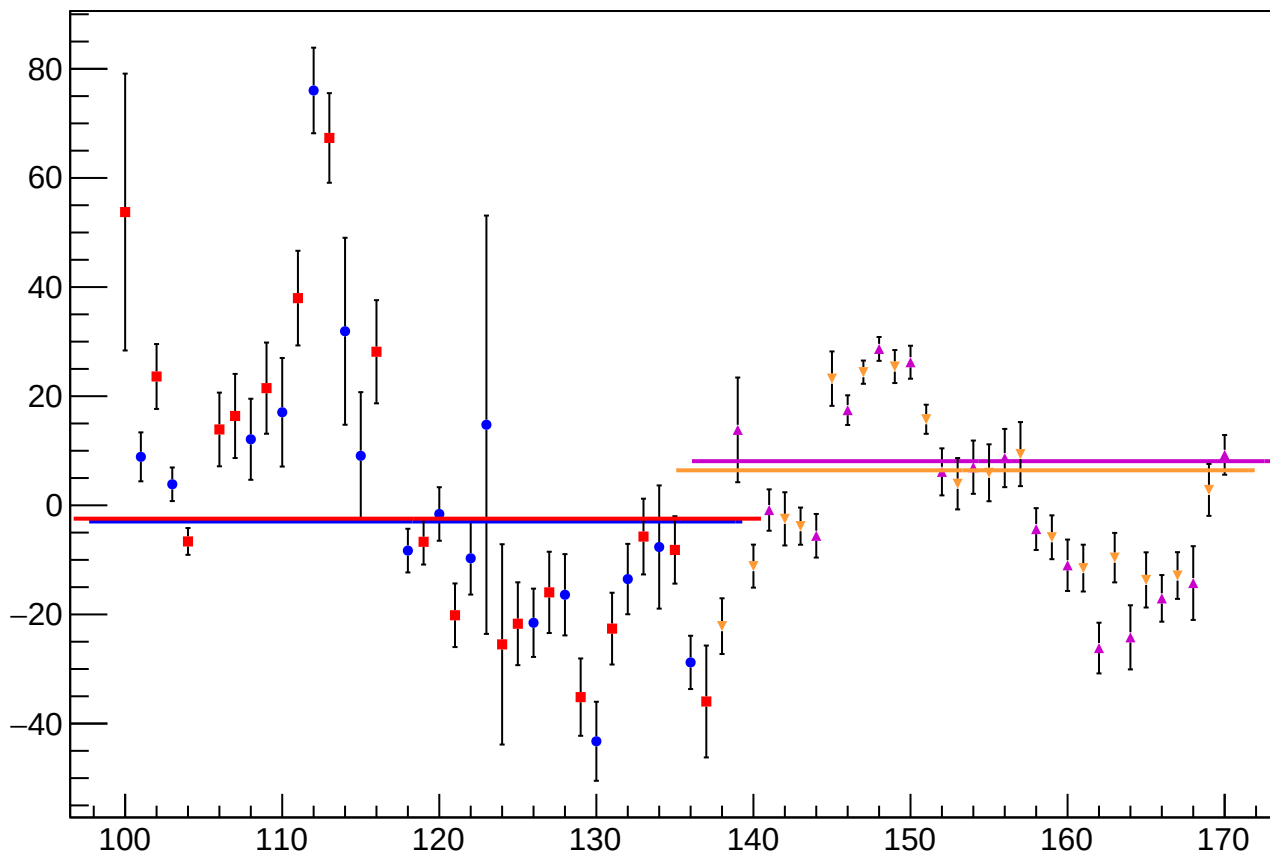
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.237+/-1.391 χ^2/NDF : 841.5/15

Out: -232.462+/-1.371 χ^2/NDF : 836.6/16

All: -233.830+/-0.976 χ^2/NDF : 1680.2/32

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 6.415 ± 0.930 $\chi^2/\text{NDF}: 274.4/16$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 8.091 ± 0.967 $\chi^2/\text{NDF}: 311.4/15$

Left: 7.221 ± 0.671 $\chi^2/\text{NDF}: 587.4/32$

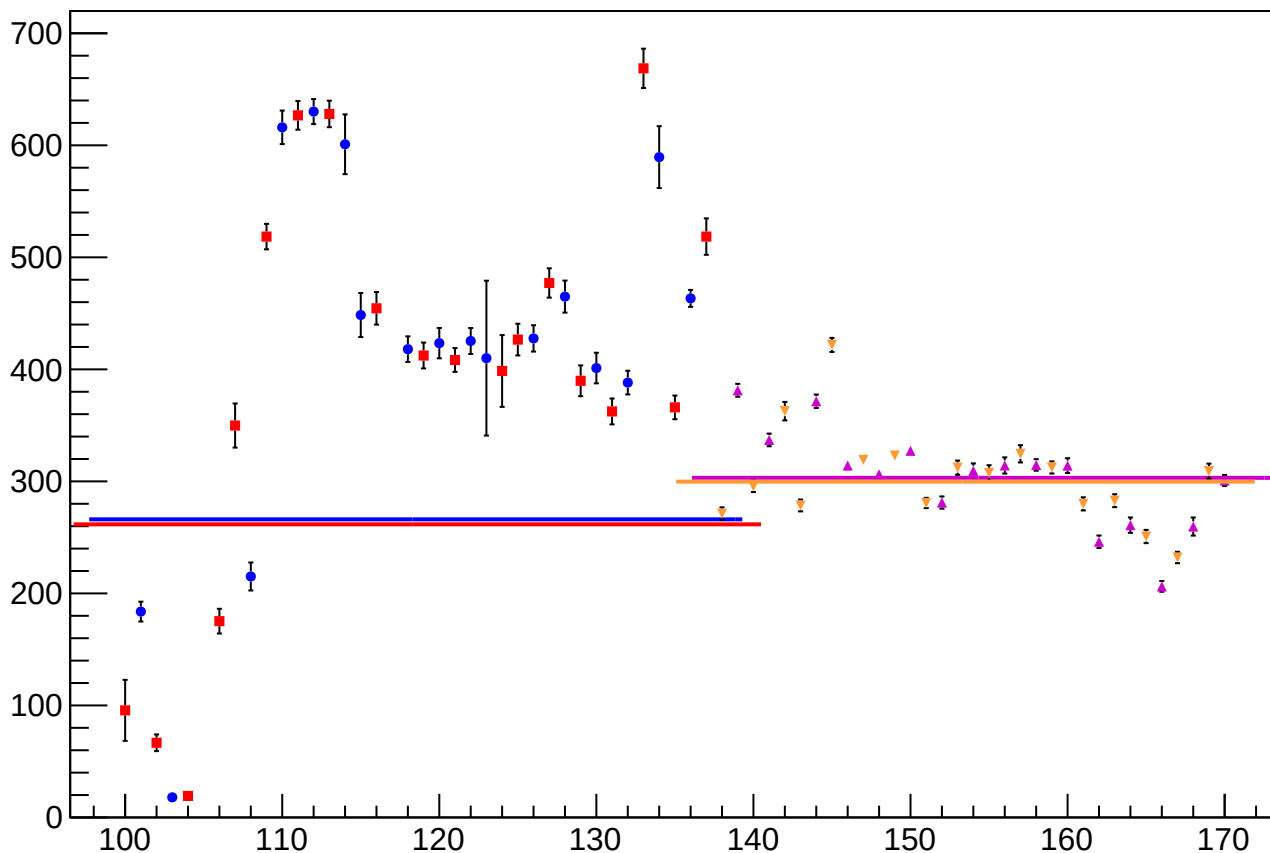
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 4.694 ± 0.805 $\chi^2/\text{NDF}: 555.1/32$

Out: 3.692 ± 0.774 $\chi^2/\text{NDF}: 517.7/35$

All: 4.174 ± 0.558 $\chi^2/\text{NDF}: 1073.6/68$

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: 299.768 $\pm$ 1.353 χ^2 /NDF:832.3/16

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 303.164 $\pm$ 1.360 χ^2 /NDF:995.4/15

Left: 301.457 $\pm$ 0.959 χ^2 /NDF: 1830.9/32

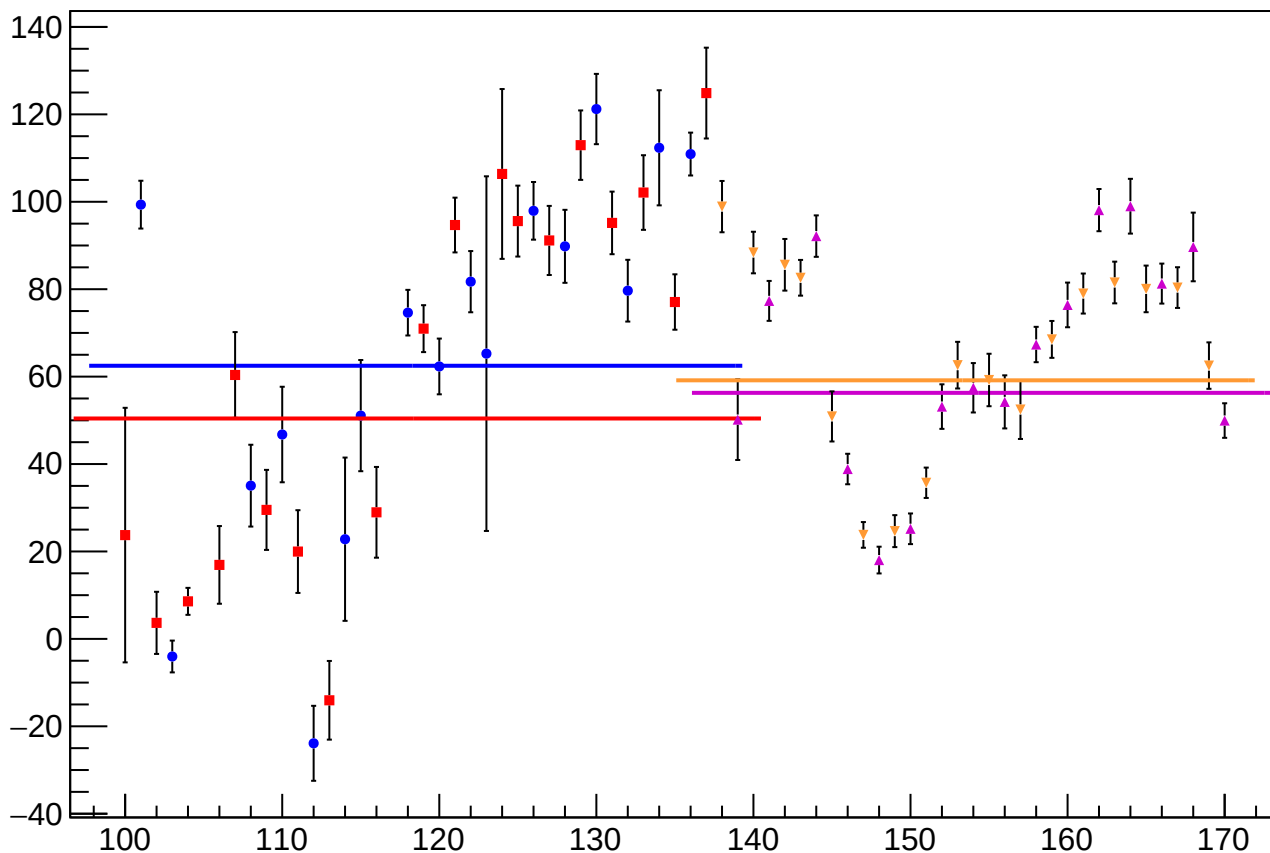
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 294.598 $\pm$ 1.193 χ^2 /NDF:8811.0/32

Out: 290.895 $\pm$ 1.185 χ^2 /NDF:9226.6/35

All: 292.735 $\pm$ 0.841 χ^2 /NDF: 18042.5/68

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2/NDF : 720.8/16

Left Out: 59.154 $\pm$ 1.108 χ^2/NDF :501.8/16

Right Out: 50.421 $\pm$ 1.642 χ^2/NDF : 651.4/18

Left In: 56.288 $\pm$ 1.142 χ^2/NDF :534.2/15

Left: 57.764 $\pm$ 0.795 χ^2/NDF : 1039.3/32

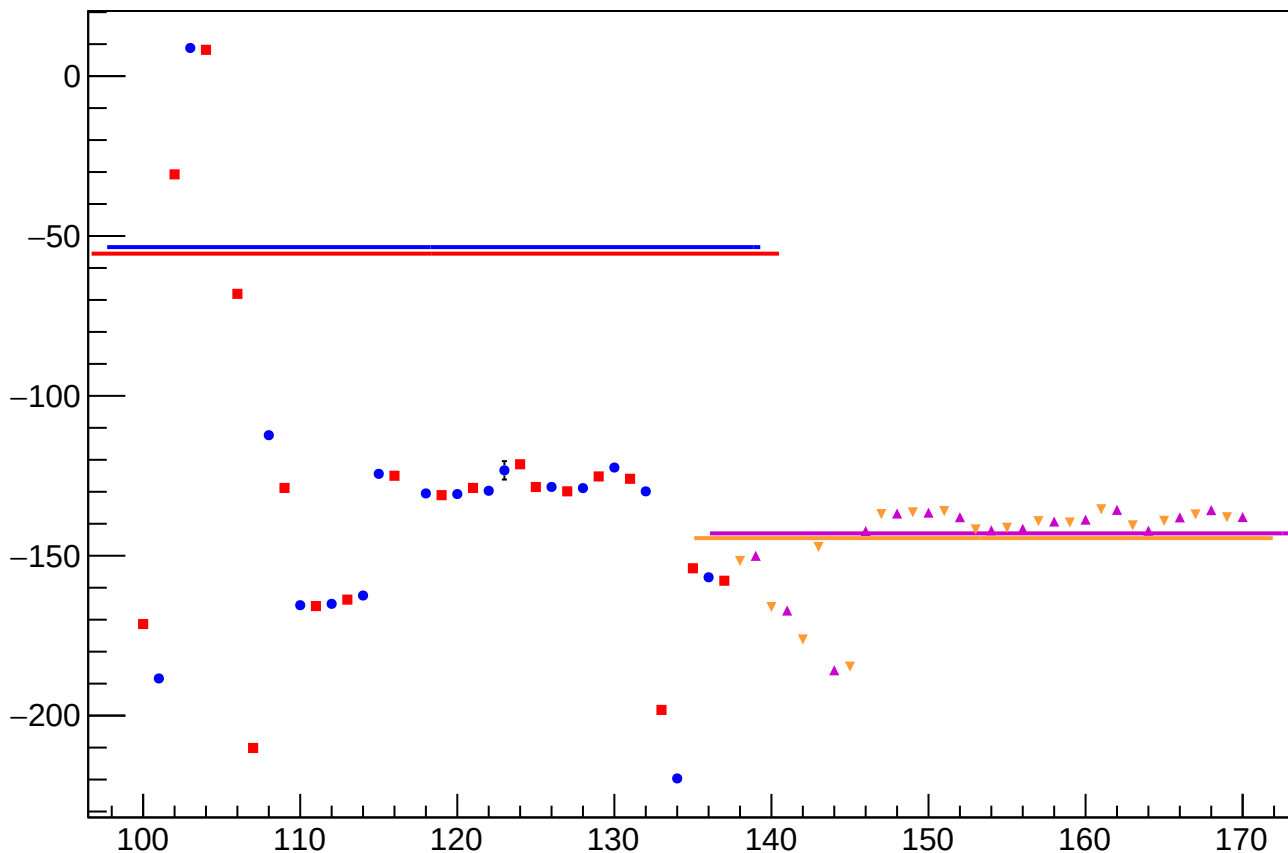
Right: 56.311 $\pm$ 1.174 χ^2/NDF : 1398.6/35

In: 58.244 $\pm$ 0.944 χ^2/NDF :1264.3/32

Out: 56.422 $\pm$ 0.918 χ^2/NDF :1172.7/35

All: 57.308 $\pm$ 0.658 χ^2/NDF : 2438.9/68

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -144.493 ± 0.054 $\chi^2/\text{NDF}: 56542.9/16$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -143.007 ± 0.054 $\chi^2/\text{NDF}: 45707.8/15$

Left: -143.747 ± 0.038 $\chi^2/\text{NDF}: 102627.3/32$

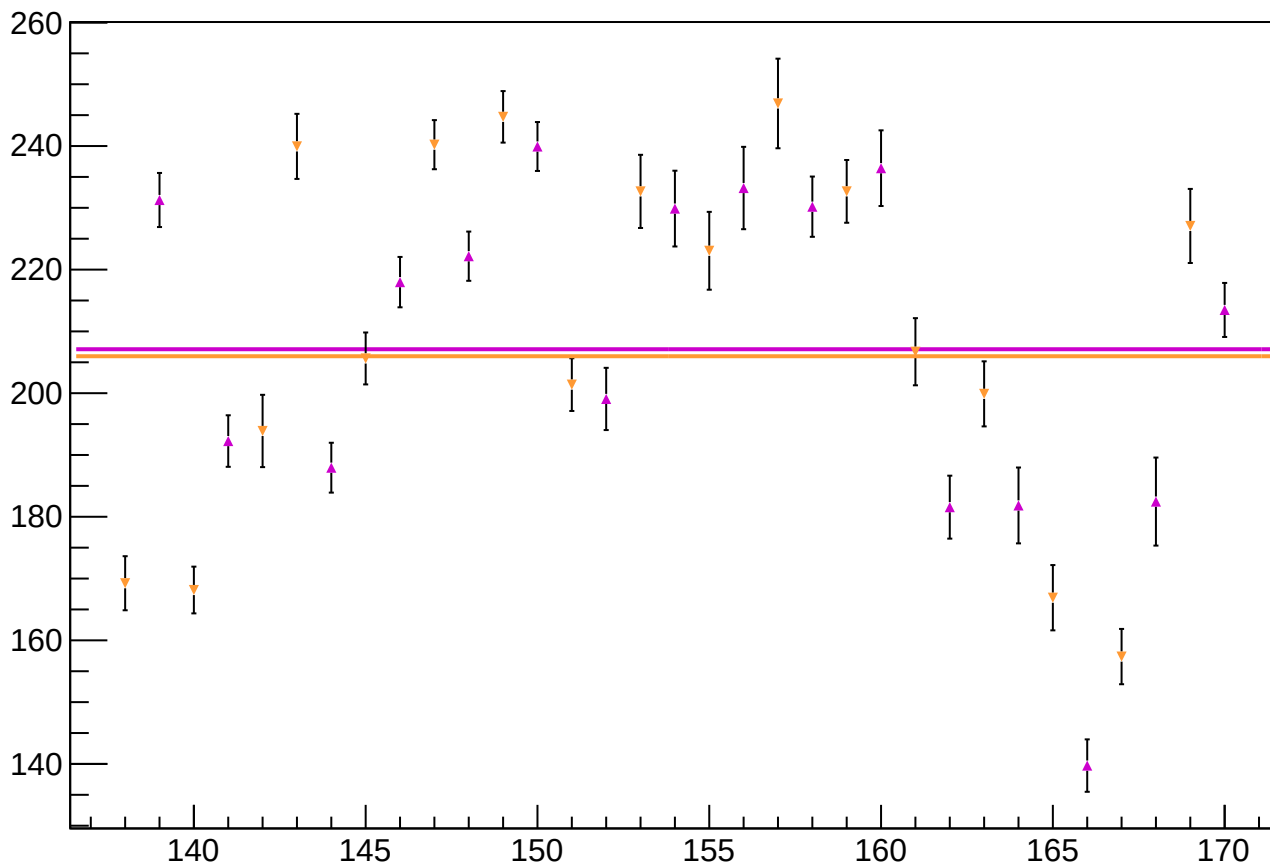
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -109.726 ± 0.043 $\chi^2/\text{NDF}: 2293048.3/32$

Out: -112.198 ± 0.043 $\chi^2/\text{NDF}: 2001954.7/35$

All: -110.949 ± 0.030 $\chi^2/\text{NDF}: 4296647.6/68$

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: 205.981+/-1.183 χ^2/NDF : 651.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.114+/-1.189 χ^2/NDF : 541.2/15

Left: 206.545+/-0.838 χ^2/NDF : 1193.3/32

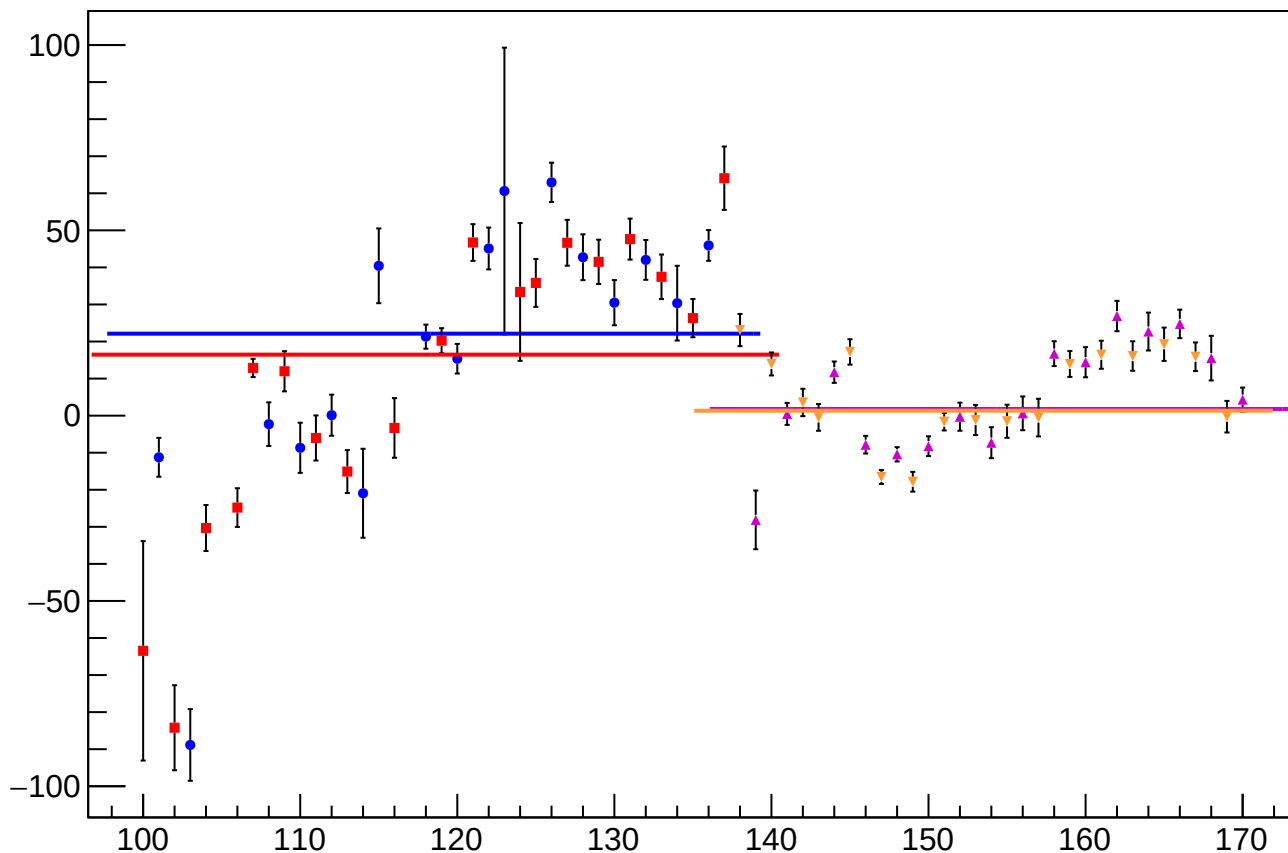
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.114+/-1.189 χ^2/NDF : 541.2/15

Out: 205.981+/-1.183 χ^2/NDF : 651.6/16

All: 206.545+/-0.838 χ^2/NDF : 1193.3/32

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: 1.338 ± 0.808 $\chi^2/\text{NDF}: 280.7/16$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.806 ± 0.832 $\chi^2/\text{NDF}: 227.2/15$

Left: 1.565 ± 0.580 $\chi^2/\text{NDF}: 508.1/32$

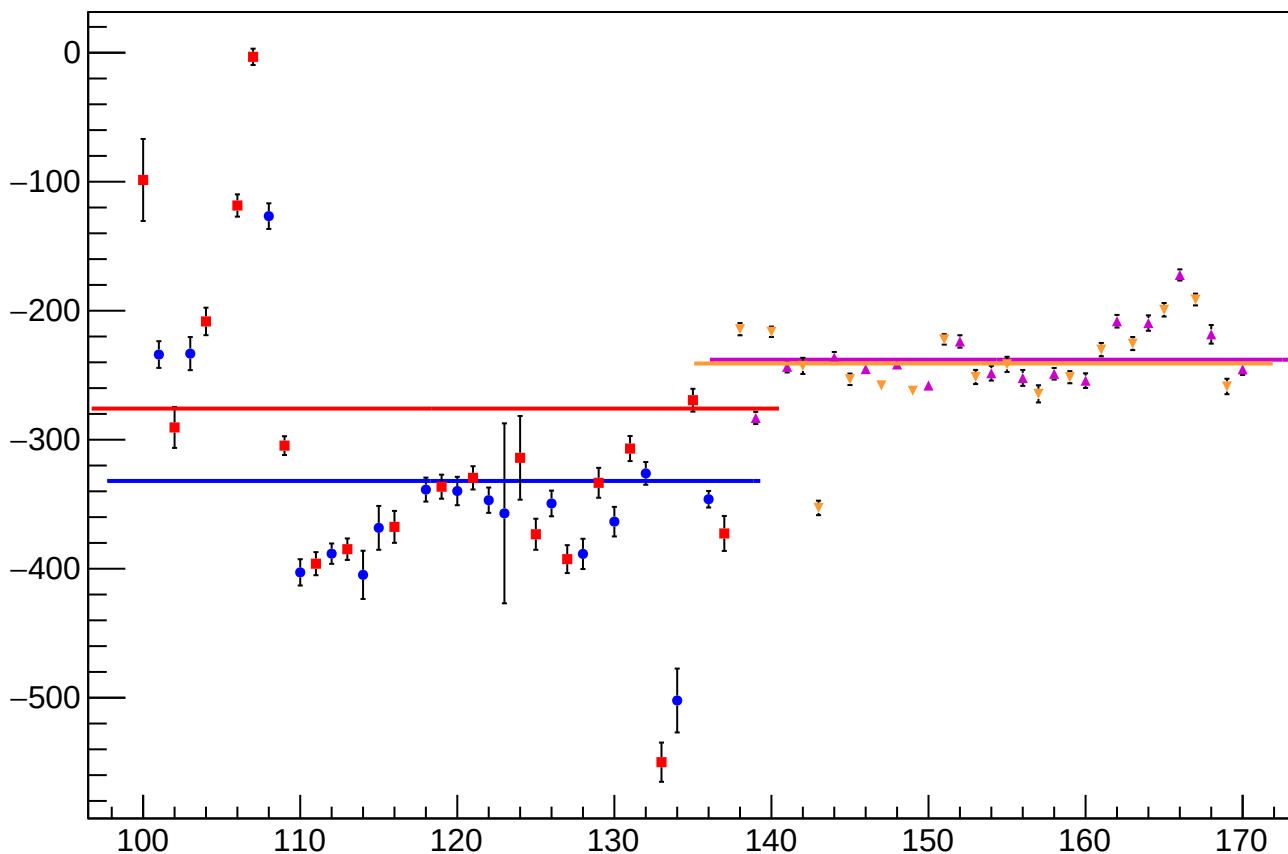
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 7.237 ± 0.712 $\chi^2/\text{NDF}: 768.8/32$

Out: 5.912 ± 0.675 $\chi^2/\text{NDF}: 810.7/35$

All: 6.540 ± 0.490 $\chi^2/\text{NDF}: 1581.3/68$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2/NDF : 785.6/16

Left Out: -240.925 $\pm$ 1.170 χ^2/NDF : 769.0/16

Right Out: -275.853 $\pm$ 2.323 χ^2/NDF : 3361.7/18

Left In: -237.954 $\pm$ 1.167 χ^2/NDF : 458.4/15

Left: -239.435 $\pm$ 0.826 χ^2/NDF : 1230.7/32

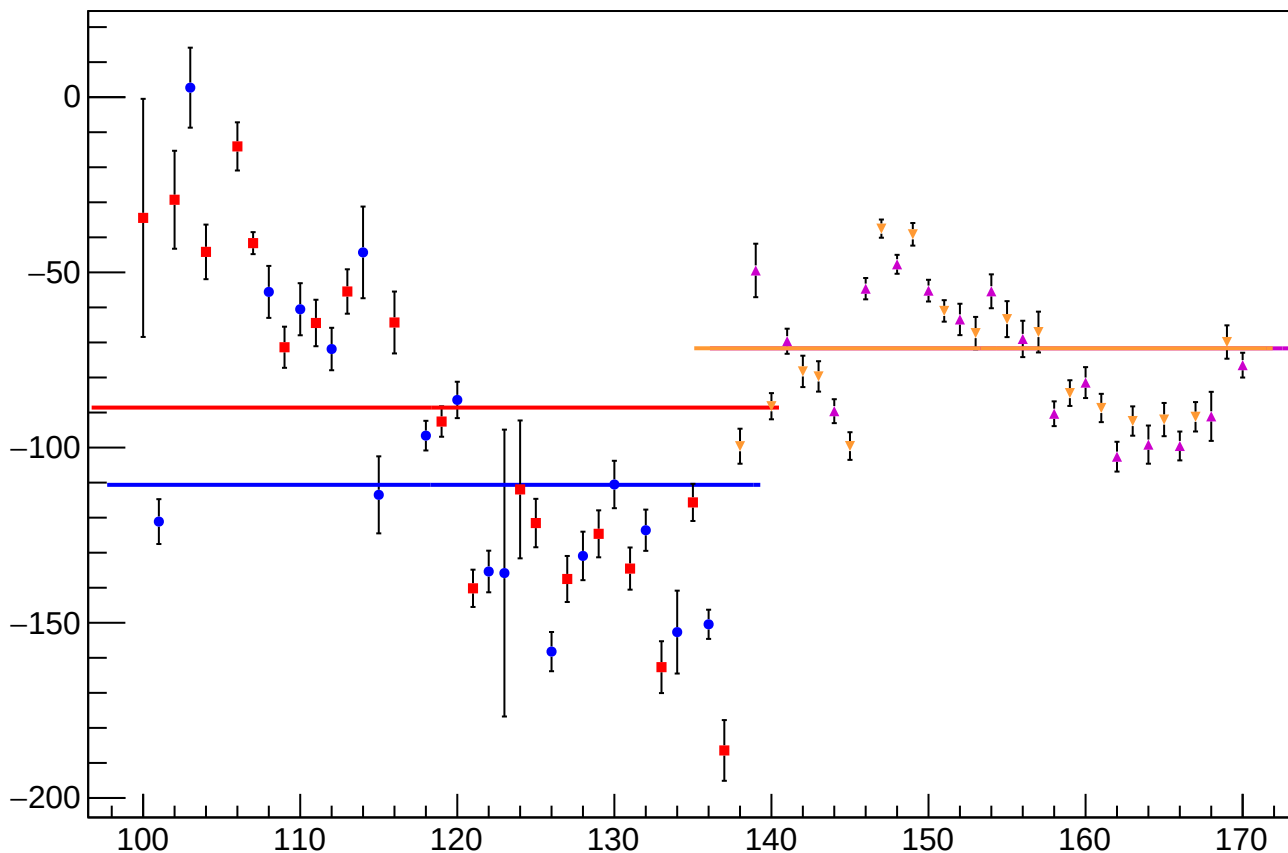
Right: -301.110 $\pm$ 1.723 χ^2/NDF : 4409.7/35

In: -254.052 $\pm$ 1.062 χ^2/NDF : 2355.0/32

Out: -247.994 $\pm$ 1.045 χ^2/NDF : 4310.9/35

All: -250.974 $\pm$ 0.745 χ^2/NDF : 6682.4/68

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: -71.658+/-0.961 χ^2 /NDF:491.8/16

Right Out: -88.586+/-1.433 χ^2 /NDF: 966.5/18

Left In: -71.683+/-0.981 χ^2 /NDF:356.2/15

Left: -71.671+/-0.687 χ^2 /NDF: 848.0/32

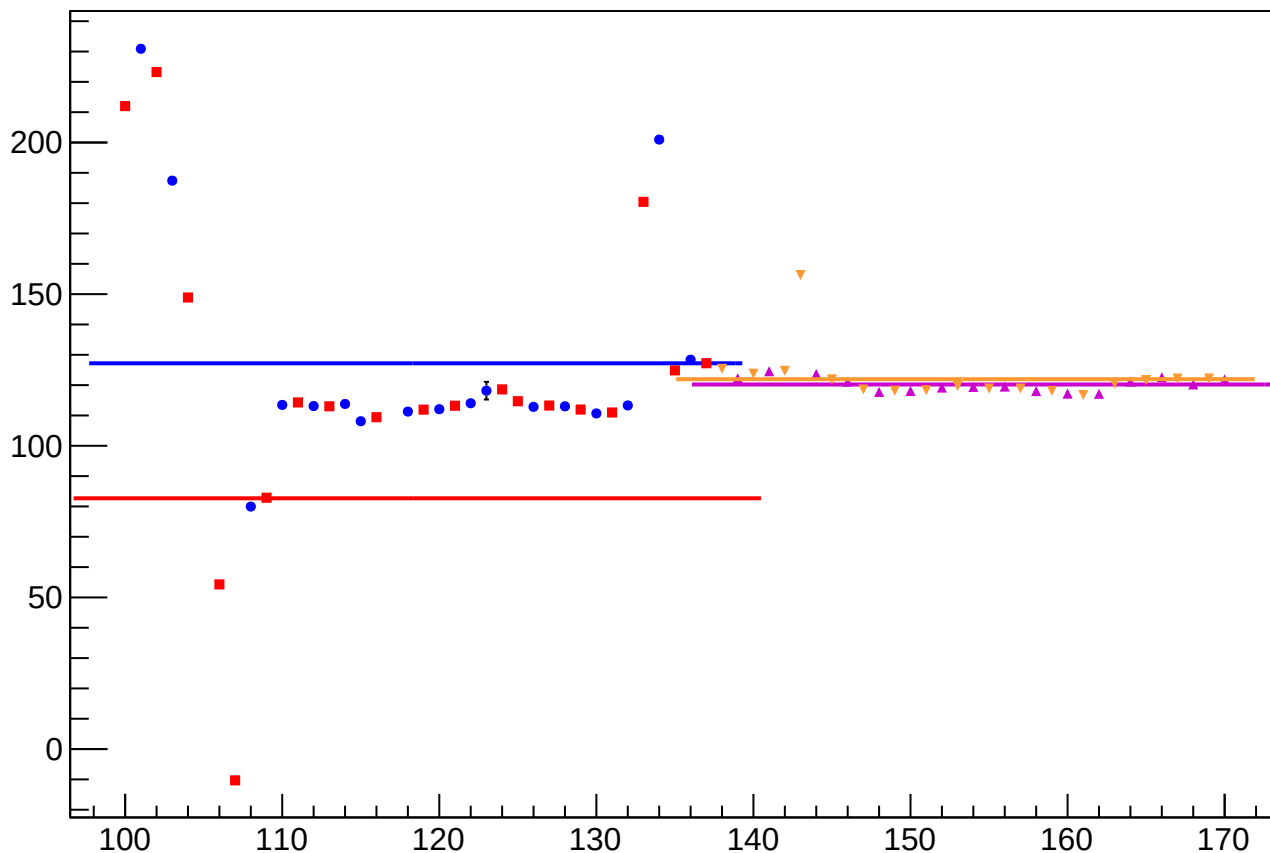
Right: -98.530+/-1.062 χ^2 /NDF: 1582.1/35

In: -82.506+/-0.833 χ^2 /NDF:1303.3/32

Out: -76.913+/-0.798 χ^2 /NDF:1554.5/35

All: -79.589+/-0.577 χ^2 /NDF: 2881.3/68

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: 121.968 $\pm$ 0.047 χ^2 /NDF: 26748.2/16

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.214 $\pm$ 0.046 χ^2 /NDF: 2504.9/15

Left: 121.082 $\pm$ 0.033 χ^2 /NDF: 29959.6/32

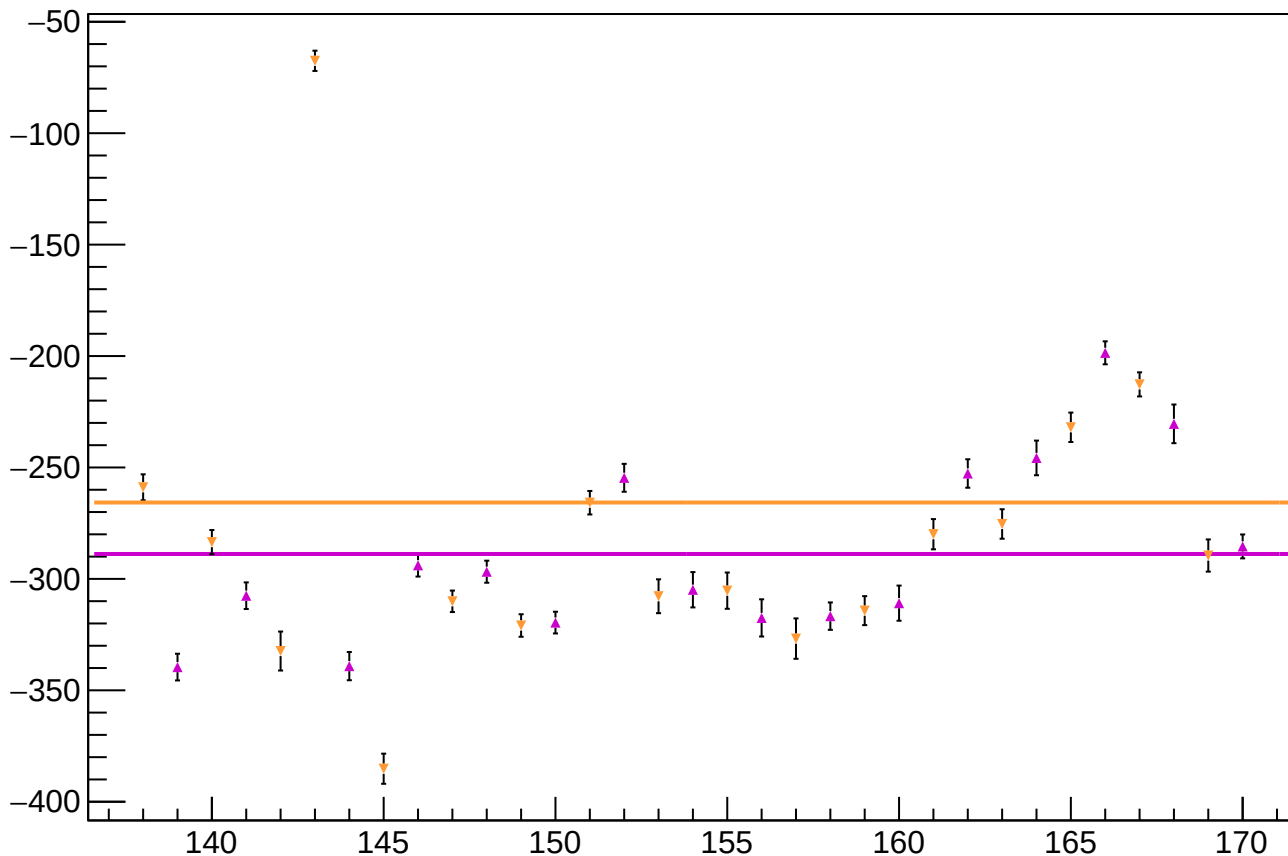
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.706 $\pm$ 0.041 χ^2 /NDF: 195369.9/32

Out: 110.984 $\pm$ 0.040 χ^2 /NDF: 988547.1/35

All: 116.164 $\pm$ 0.029 χ^2 /NDF: 1218958.7/68

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: -265.723+/-1.484 χ^2/NDF :2779.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -288.823+/-1.529 χ^2/NDF :677.3/15

Left: -276.927+/-1.065 χ^2/NDF : 3573.9/32

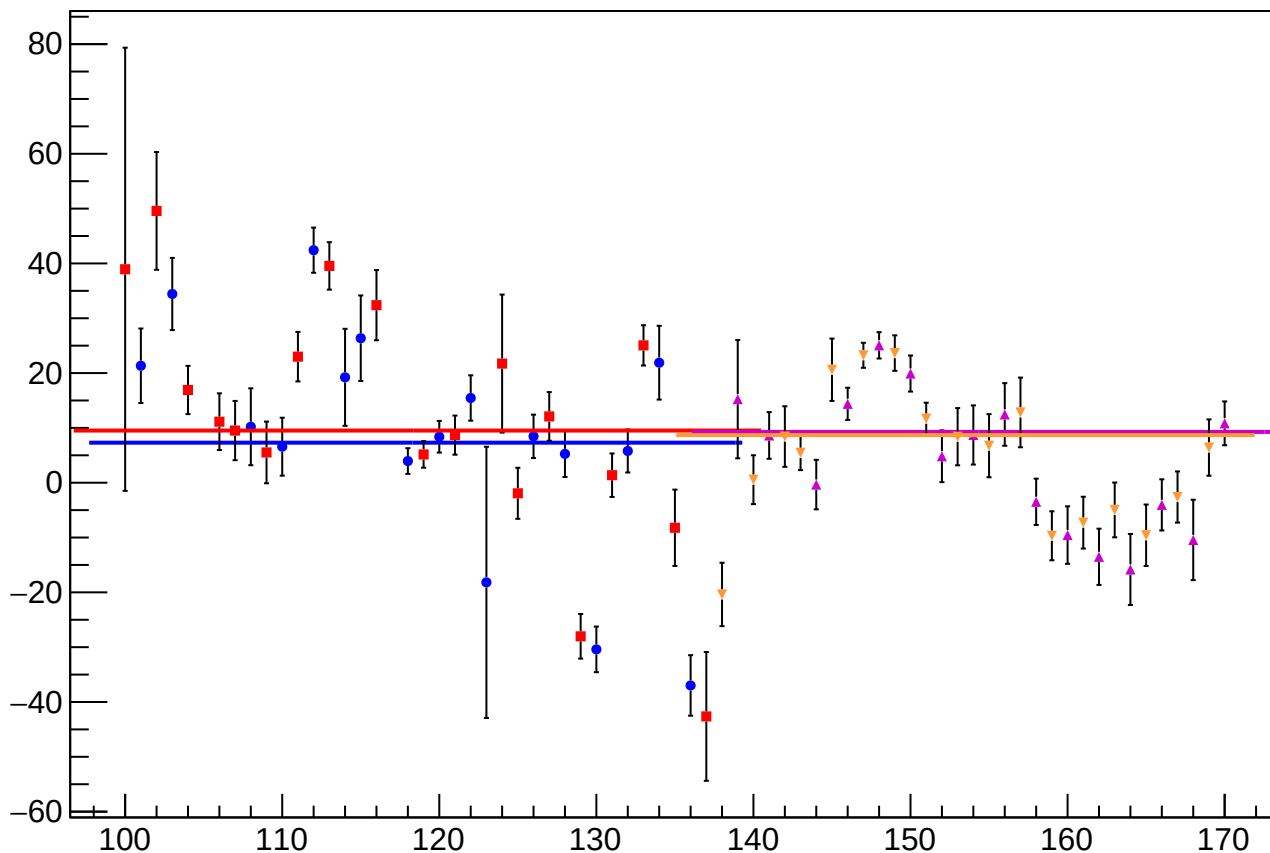
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -288.823+/-1.529 χ^2/NDF :677.3/15

Out: -265.723+/-1.484 χ^2/NDF :2779.2/16

All: -276.927+/-1.065 χ^2/NDF : 3573.9/32

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 8.681 ± 1.004 χ^2/NDF : 150.1/16

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 9.265 ± 1.062 χ^2/NDF : 135.1/15

Left: 8.957 ± 0.730 χ^2/NDF : 285.4/32

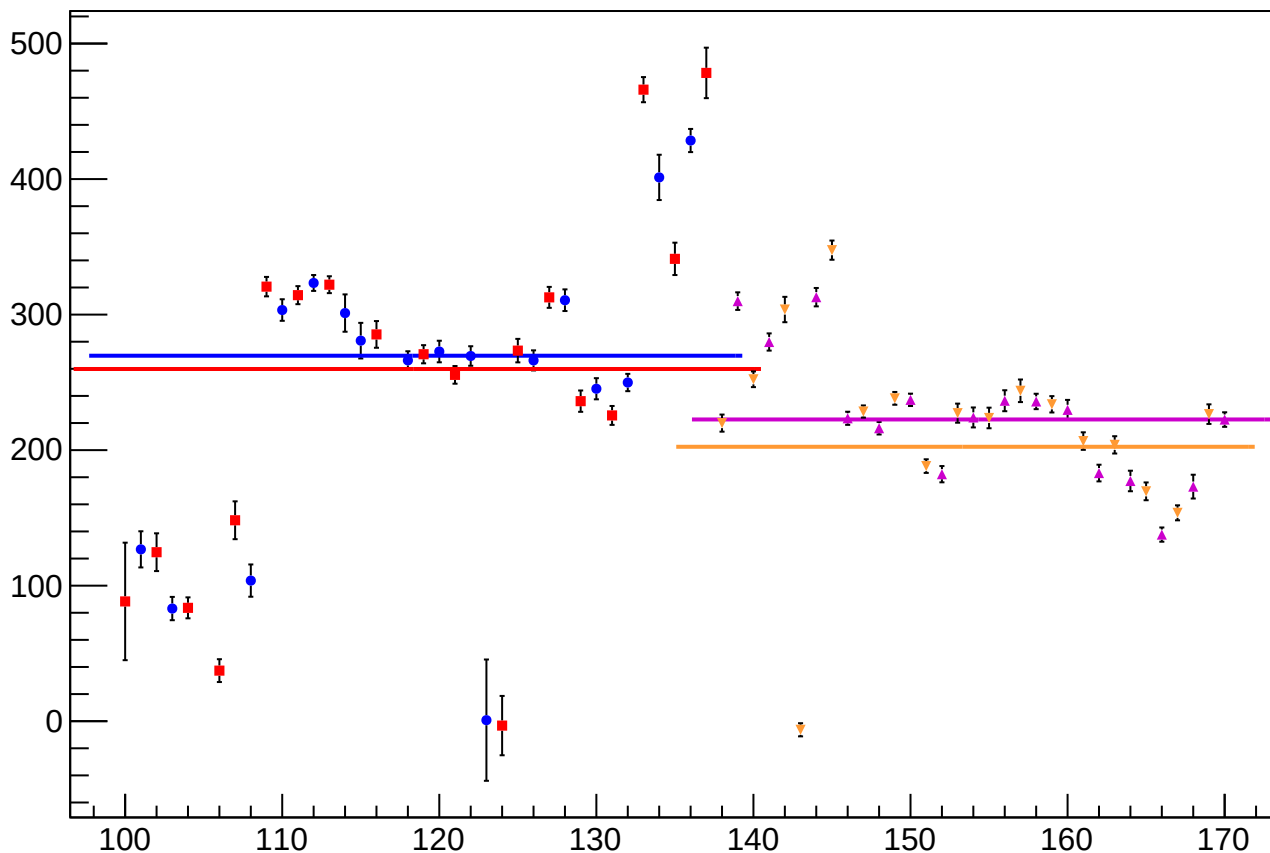
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.305 ± 0.759 χ^2/NDF : 397.4/32

Out: 9.070 ± 0.733 χ^2/NDF : 382.1/35

All: 8.701 ± 0.527 χ^2/NDF : 780.0/68

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: 202.475 $\pm$ 1.466 χ^2 /NDF:2754.6/16

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 222.629 $\pm$ 1.495 χ^2 /NDF:876.8/15

Left: 212.357 $\pm$ 1.046 χ^2 /NDF: 3724.1/32

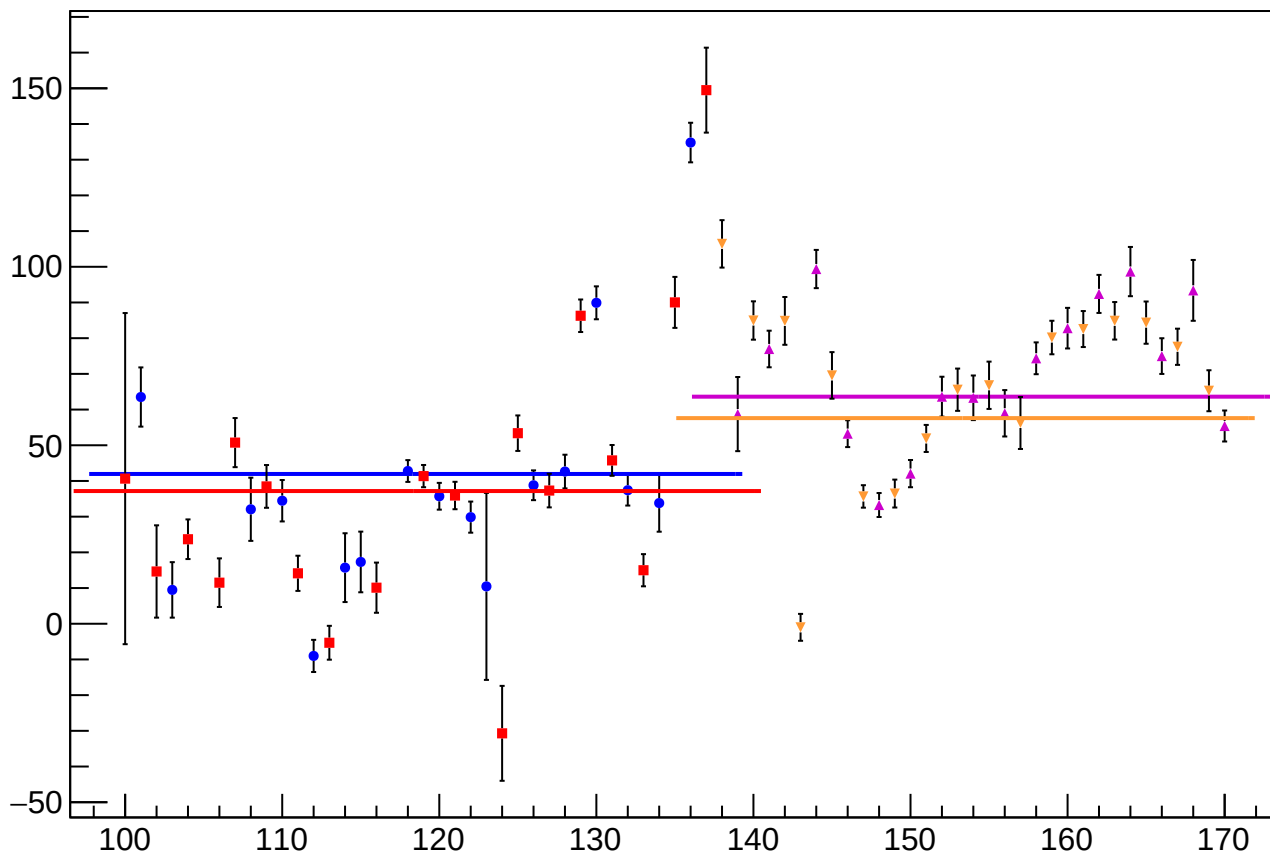
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 238.684 $\pm$ 1.213 χ^2 /NDF:2591.5/32

Out: 222.838 $\pm$ 1.177 χ^2 /NDF:5842.2/35

All: 230.526 $\pm$ 0.845 χ^2 /NDF: 8521.6/68

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: 57.606 $\pm$ 1.197 χ^2/NDF : 537.7/16

Right Out: 37.174 $\pm$ 1.236 χ^2/NDF : 470.9/18

Left In: 63.613 $\pm$ 1.254 χ^2/NDF : 266.4/15

Left: 60.469 $\pm$ 0.866 χ^2/NDF : 816.2/32

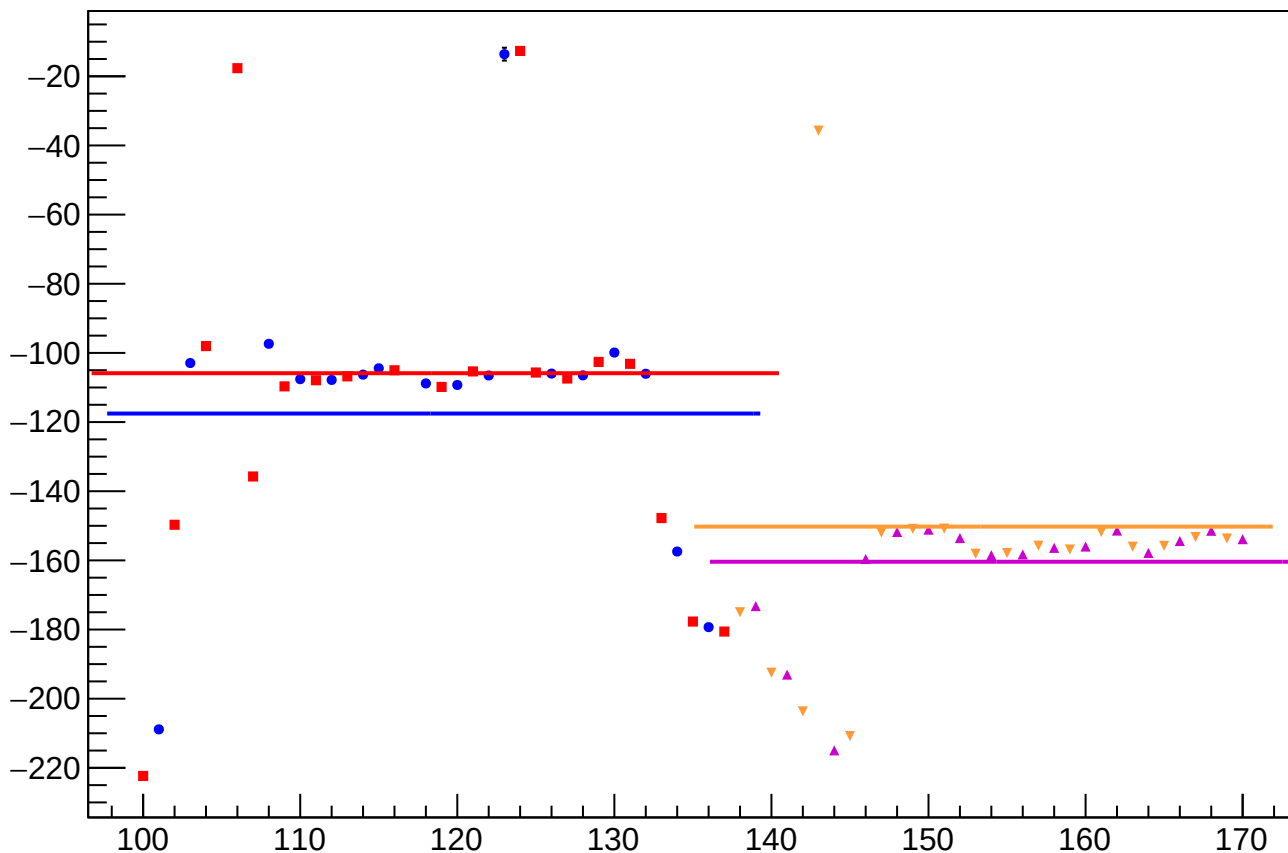
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/35

In: 52.822 $\pm$ 0.888 χ^2/NDF : 989.3/32

Out: 47.717 $\pm$ 0.860 χ^2/NDF : 1149.7/35

All: 50.186 $\pm$ 0.618 χ^2/NDF : 2156.0/68

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -150.235+/-0.059 χ^2/NDF : 454474.8/16

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -160.396+/-0.059 χ^2/NDF : 62675.1/15

Left: -155.261+/-0.042 χ^2/NDF : 531904.1/32

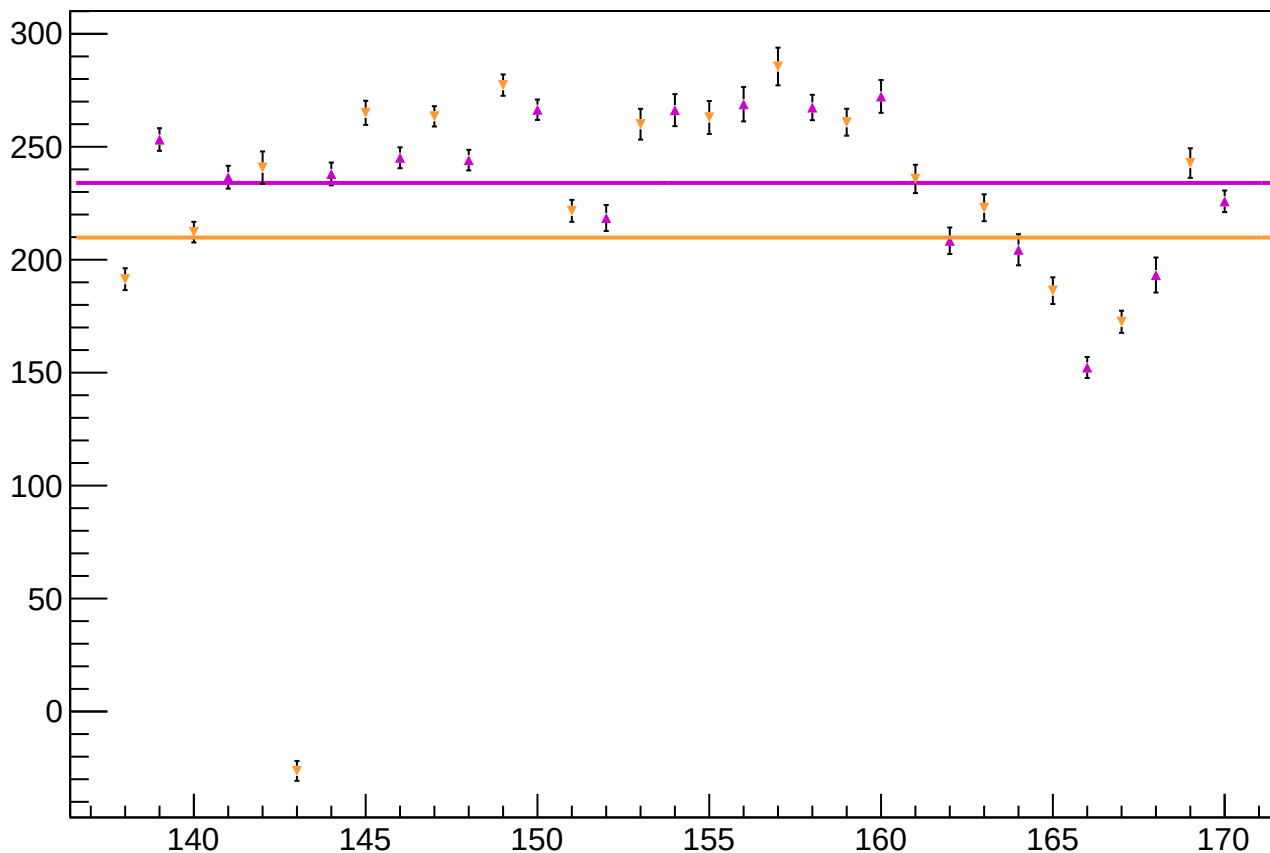
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -144.672+/-0.047 χ^2/NDF : 395299.7/32

Out: -132.698+/-0.046 χ^2/NDF : 1003550.9/35

All: -138.483+/-0.033 χ^2/NDF : 1431942.9/68

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: 209.819+/-1.332 χ^2/NDF : 3762.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.996+/-1.365 χ^2/NDF : 566.8/15

Left: 221.613+/-0.953 χ^2/NDF : 4489.7/32

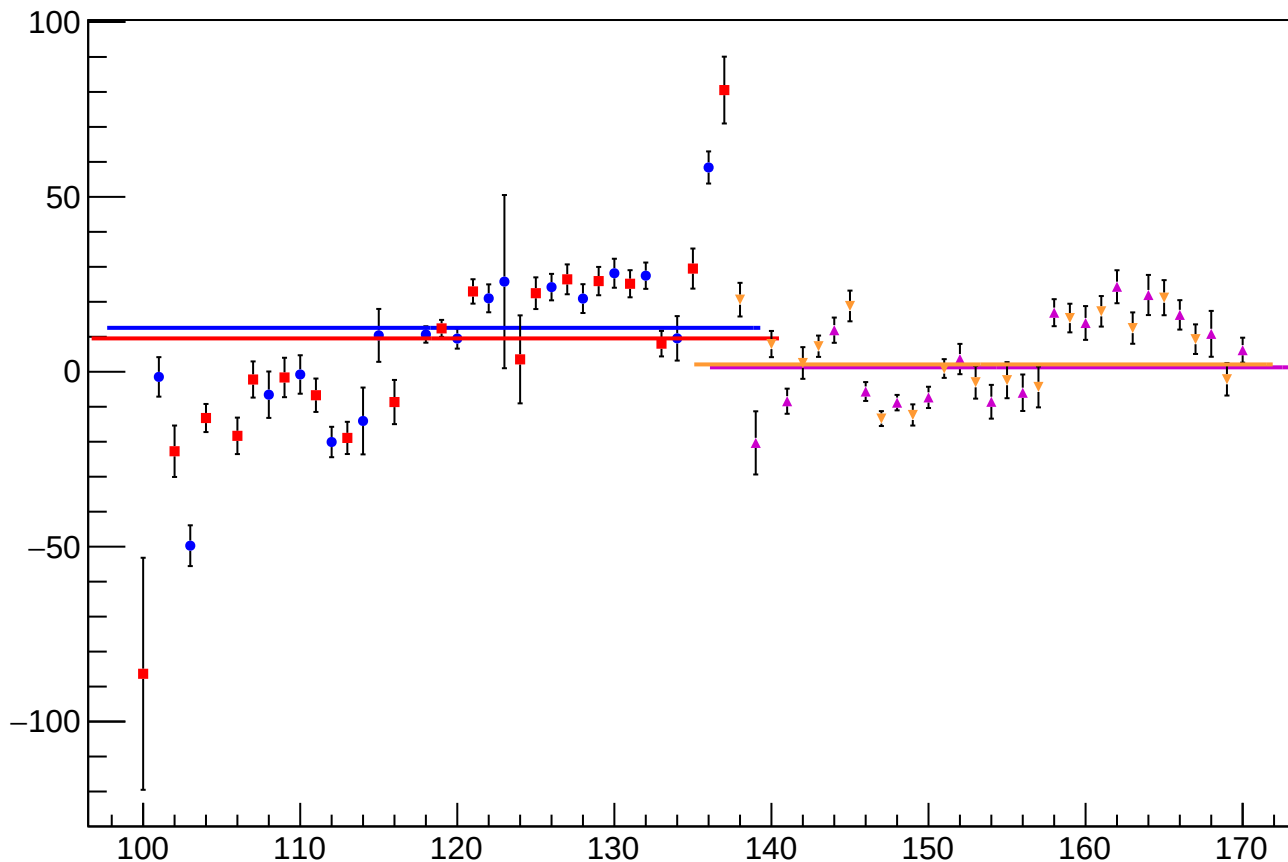
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.996+/-1.365 χ^2/NDF : 566.8/15

Out: 209.819+/-1.332 χ^2/NDF : 3762.2/16

All: 221.613+/-0.953 χ^2/NDF : 4489.7/32

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.100+/-0.910 χ^2/NDF :159.6/16

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 1.268+/-0.956 χ^2/NDF :140.3/15

Left: 1.704+/-0.659 χ^2/NDF : 300.3/32

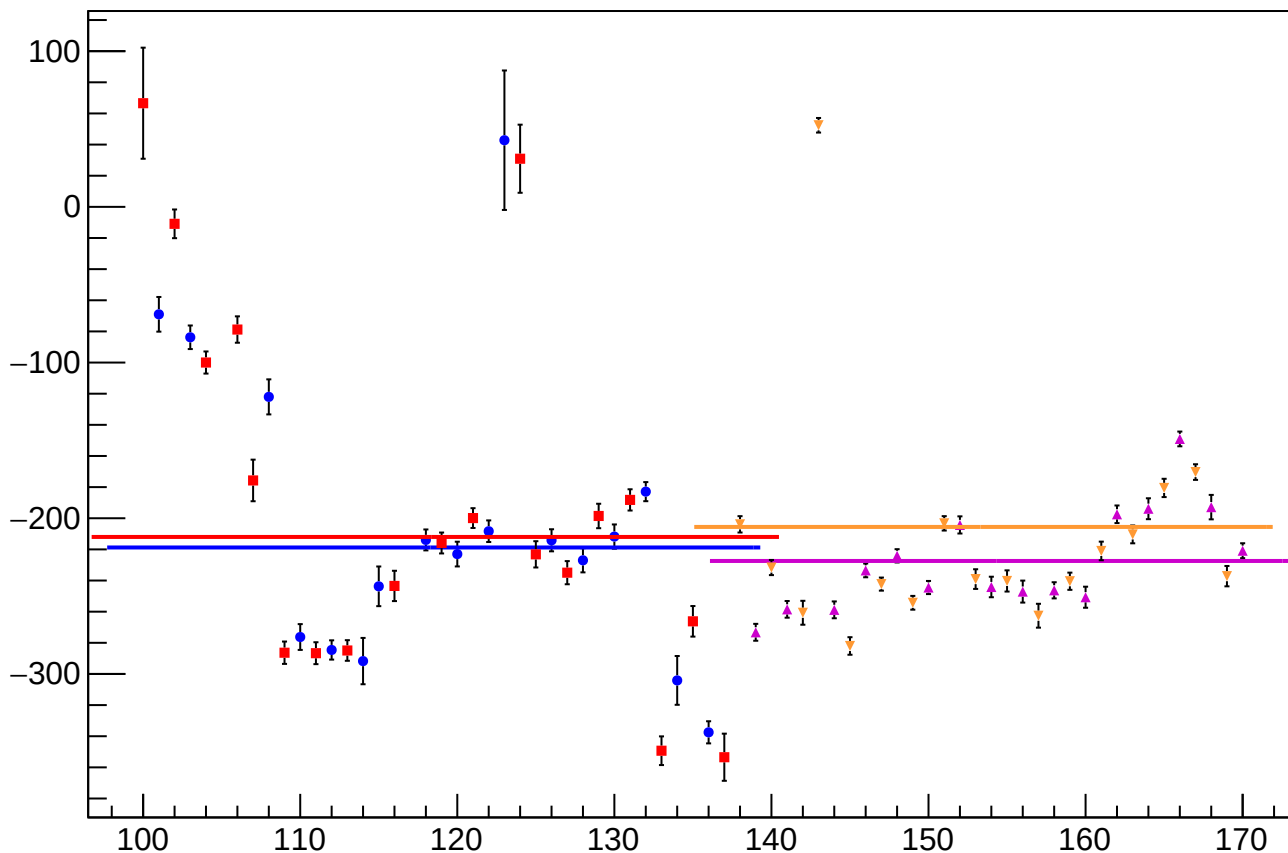
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 6.348+/-0.709 χ^2/NDF :551.6/32

Out: 5.294+/-0.687 χ^2/NDF :484.1/35

All: 5.804+/-0.494 χ^2/NDF : 1036.8/68

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -205.574 ± 1.320 $\chi^2/\text{NDF}: 3737.8/16$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -227.431 ± 1.339 $\chi^2/\text{NDF}: 562.7/15$

Left: -216.349 ± 0.940 $\chi^2/\text{NDF}: 4435.7/32$

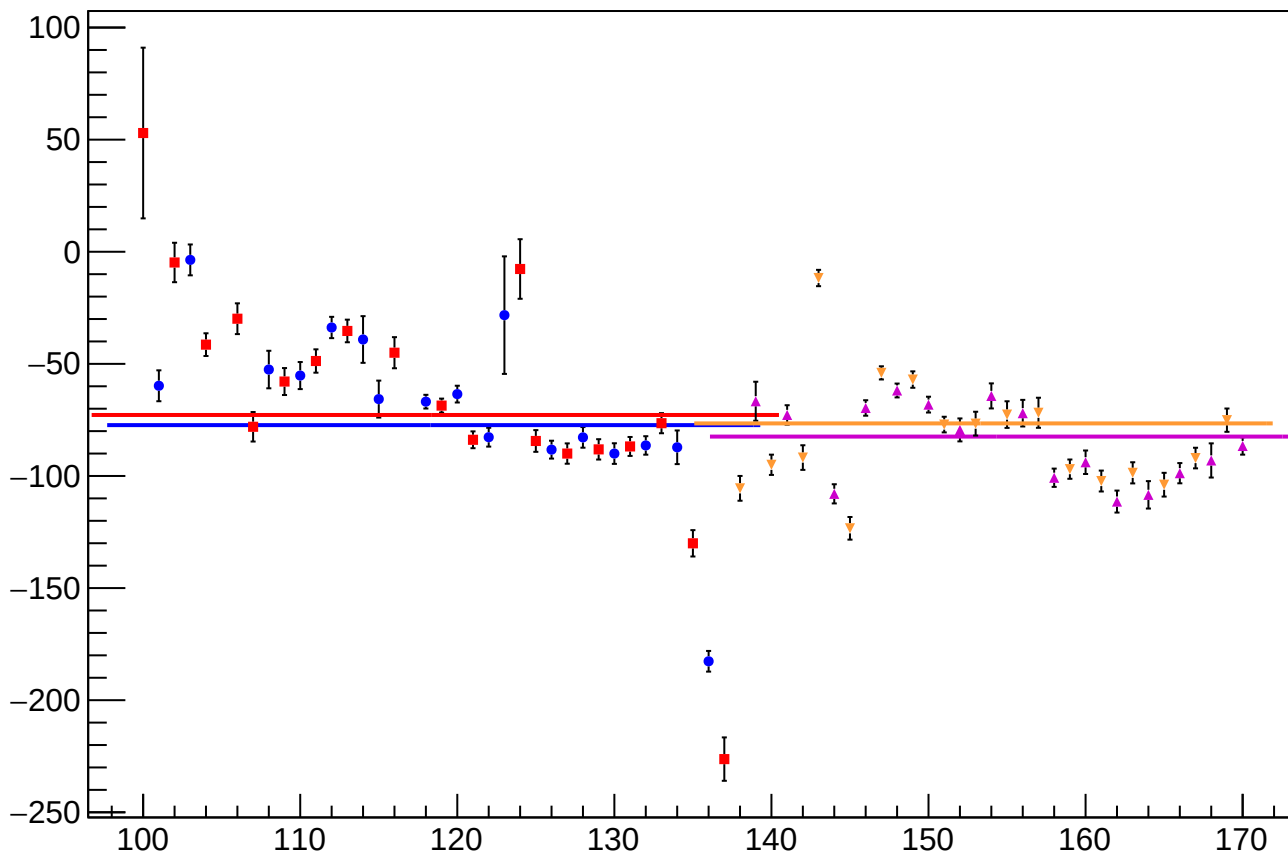
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -224.770 ± 1.114 $\chi^2/\text{NDF}: 1720.0/32$

Out: -207.633 ± 1.088 $\chi^2/\text{NDF}: 5631.1/35$

All: -216.001 ± 0.779 $\chi^2/\text{NDF}: 7472.1/68$

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: -76.556 ± 1.083 χ^2/NDF : 655.6/16

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -82.433 ± 1.127 χ^2/NDF : 226.4/15

Left: -79.376 ± 0.781 χ^2/NDF : 896.2/32

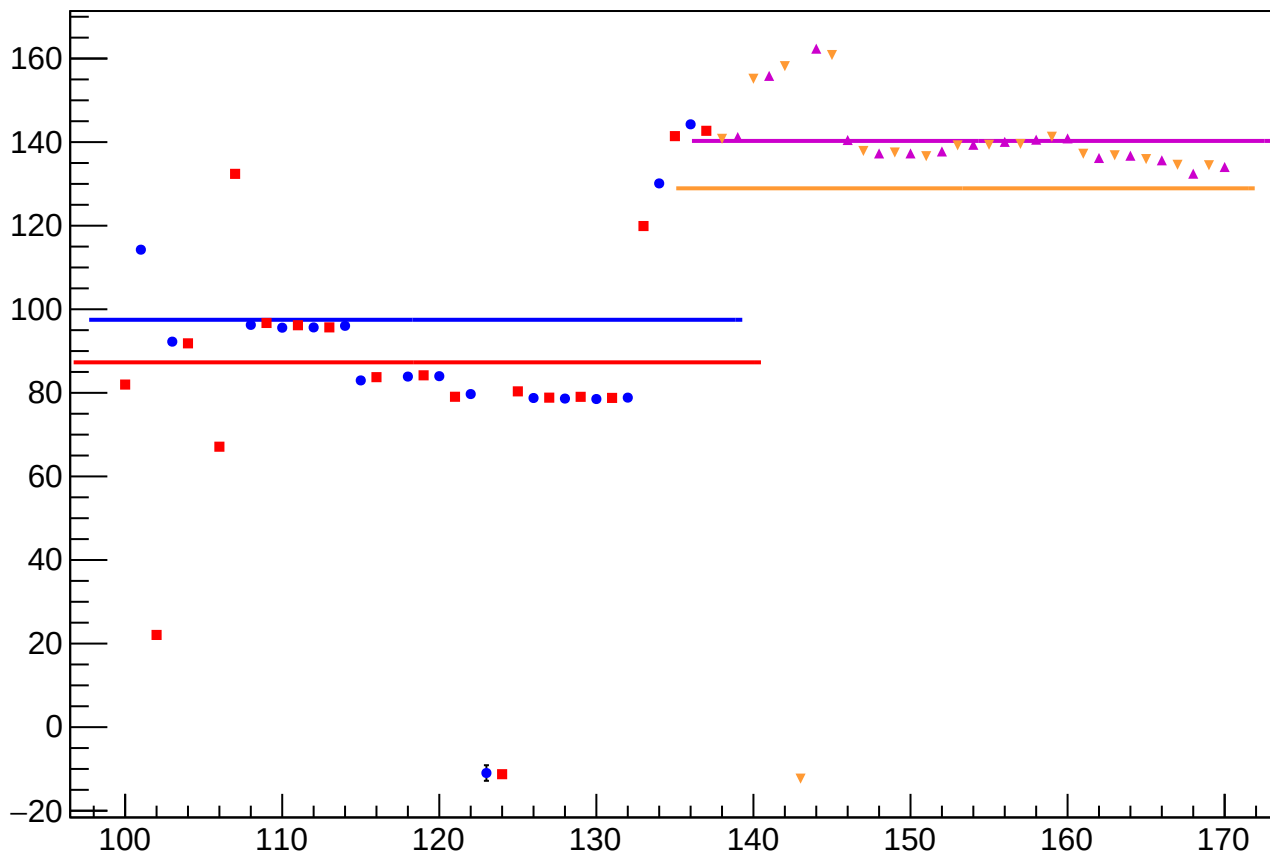
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -80.082 ± 0.829 χ^2/NDF : 1053.6/32

Out: -74.879 ± 0.806 χ^2/NDF : 1332.8/35

All: -77.409 ± 0.578 χ^2/NDF : 2406.6/68

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: 128.940 ± 0.053 χ^2/NDF : 631121.5/16

Right Out: 87.299 ± 0.068 χ^2/NDF : 221885.0/18

Left In: 140.283 ± 0.053 χ^2/NDF : 17525.4/15

Left: 134.579 ± 0.038 χ^2/NDF : 671479.1/32

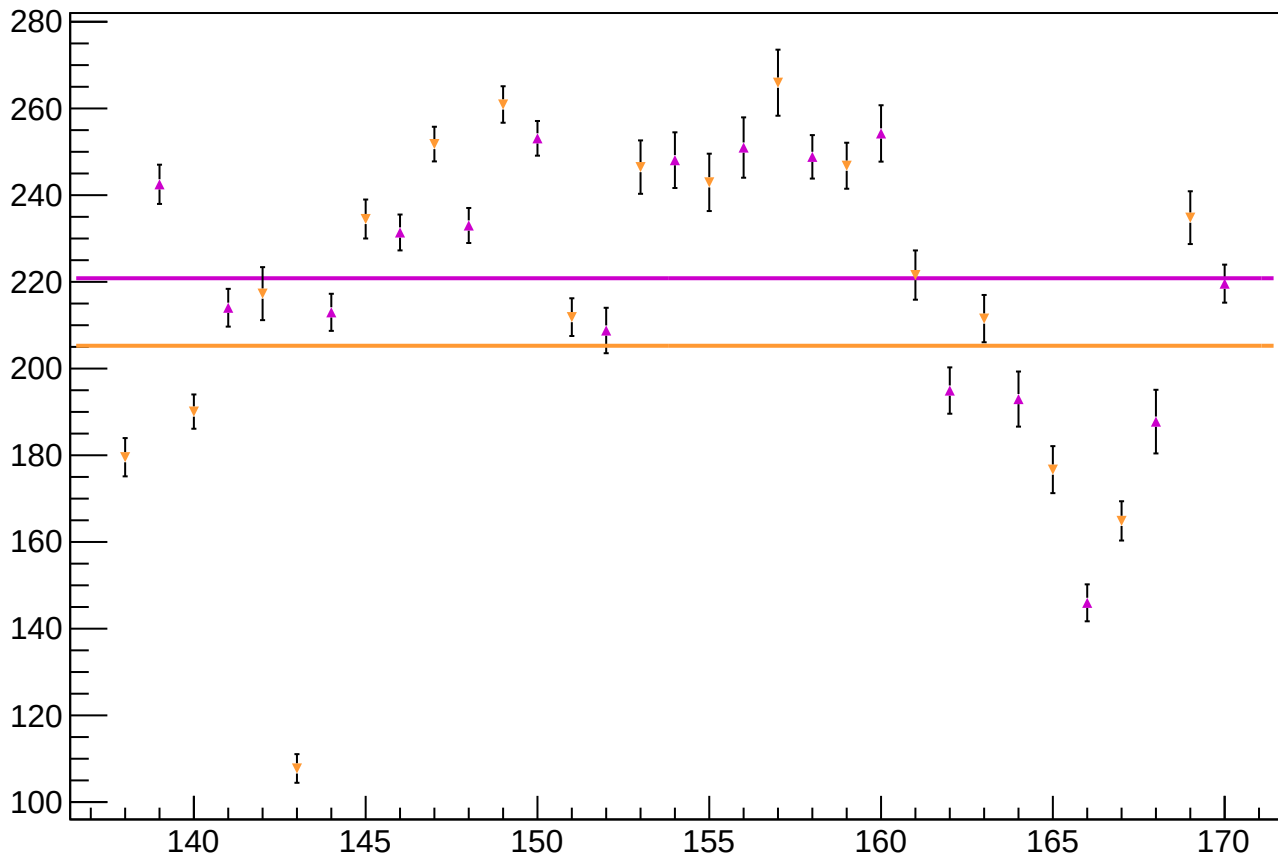
Right: 92.021 ± 0.050 χ^2/NDF : 326611.0/35

In: 125.521 ± 0.043 χ^2/NDF : 334866.7/32

Out: 113.294 ± 0.042 χ^2/NDF : 1085590.9/35

All: 119.225 ± 0.030 χ^2/NDF : 1461920.8/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.263+/-1.170 χ^2/NDF :1619.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.834+/-1.223 χ^2/NDF :580.6/15

Left: 212.699+/-0.845 χ^2/NDF : 2284.7/32

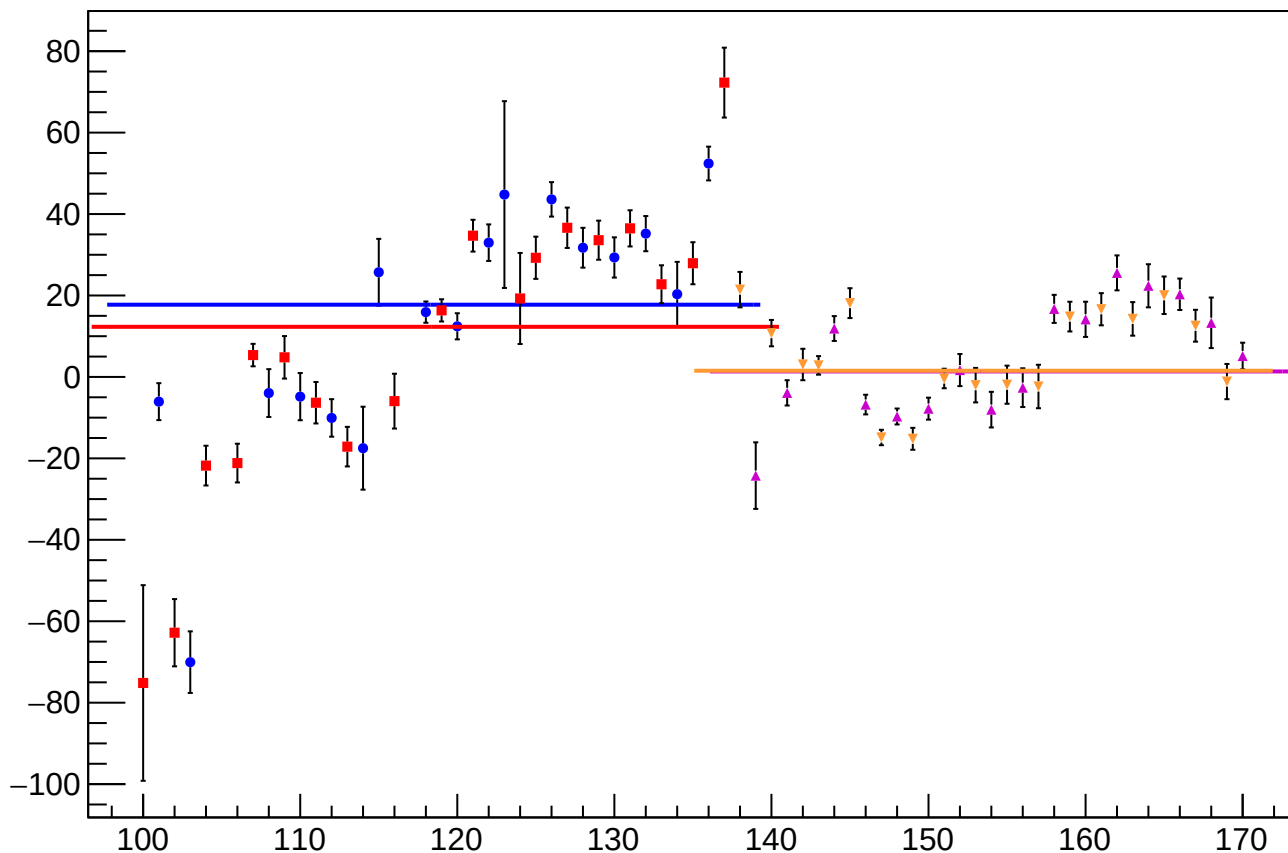
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.834+/-1.223 χ^2/NDF :580.6/15

Out: 205.263+/-1.170 χ^2/NDF :1619.5/16

All: 212.699+/-0.845 χ^2/NDF : 2284.7/32

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: 1.520 $\pm$ 0.797 χ^2 /NDF:227.9/16

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 1.347 $\pm$ 0.854 χ^2 /NDF:190.1/15

Left: 1.439 $\pm$ 0.583 χ^2 /NDF: 418.0/32

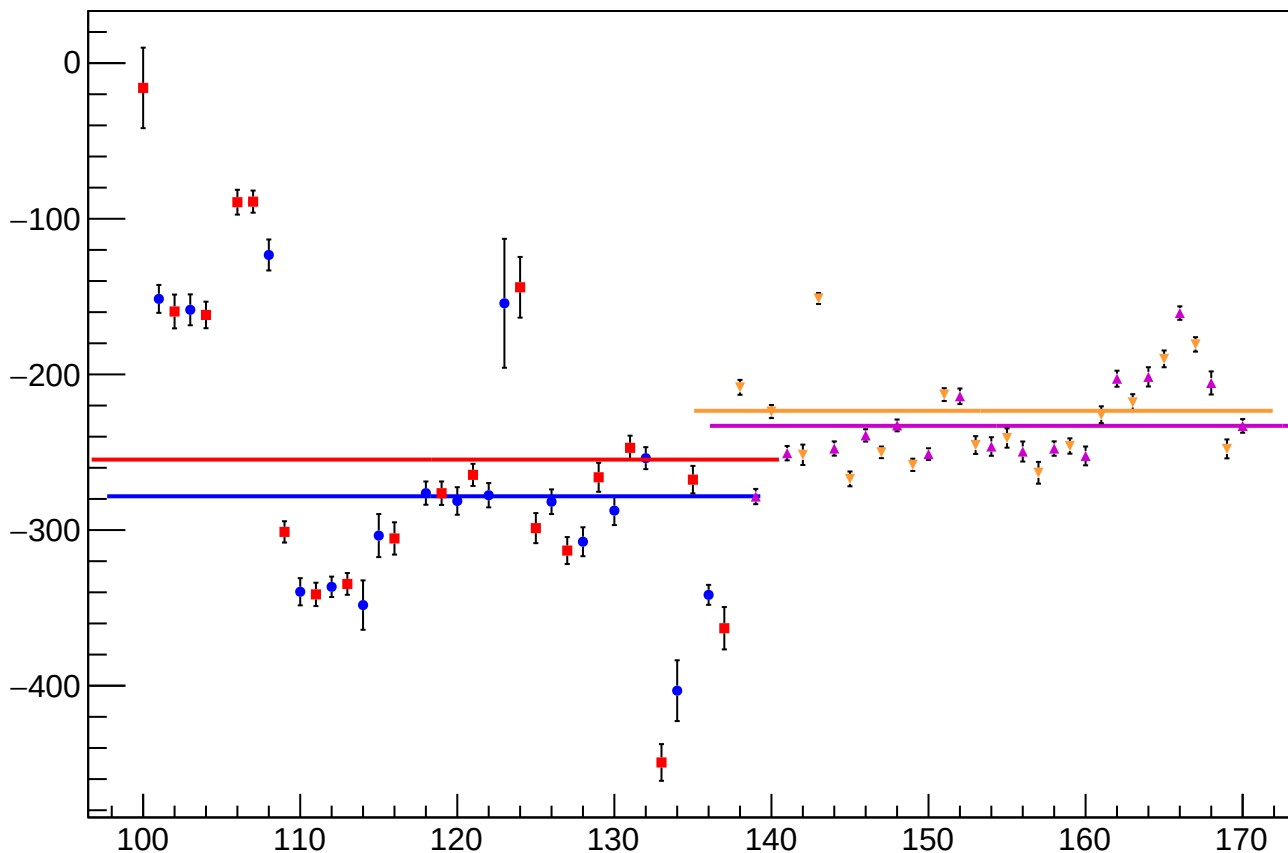
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 7.182 $\pm$ 0.685 χ^2 /NDF:715.2/32

Out: 5.305 $\pm$ 0.642 χ^2 /NDF:734.6/35

All: 6.183 $\pm$ 0.469 χ^2 /NDF: 1453.8/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -223.382 ± 1.163 $\chi^2/\text{NDF}: 883.9/16$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -233.031 ± 1.201 $\chi^2/\text{NDF}: 535.0/15$

Left: -228.054 ± 0.835 $\chi^2/\text{NDF}: 1452.2/32$

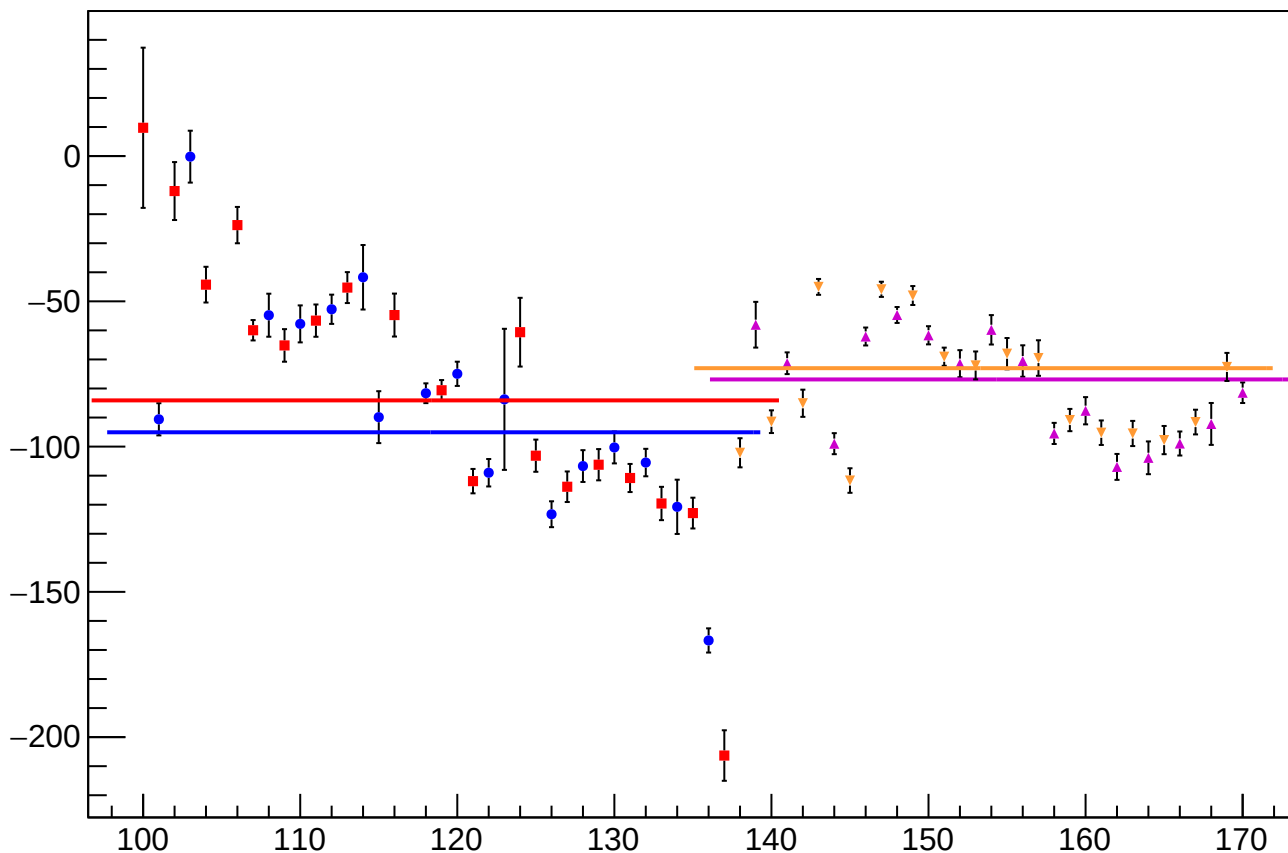
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -243.623 ± 1.051 $\chi^2/\text{NDF}: 1777.5/32$

Out: -231.191 ± 1.008 $\chi^2/\text{NDF}: 3102.8/35$

All: -237.148 ± 0.727 $\chi^2/\text{NDF}: 4953.2/68$

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: -73.010 ± 0.950 χ^2/NDF : 542.7/16

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -76.883 ± 1.008 χ^2/NDF : 305.9/15

Left: -74.832 ± 0.692 χ^2/NDF : 856.5/32

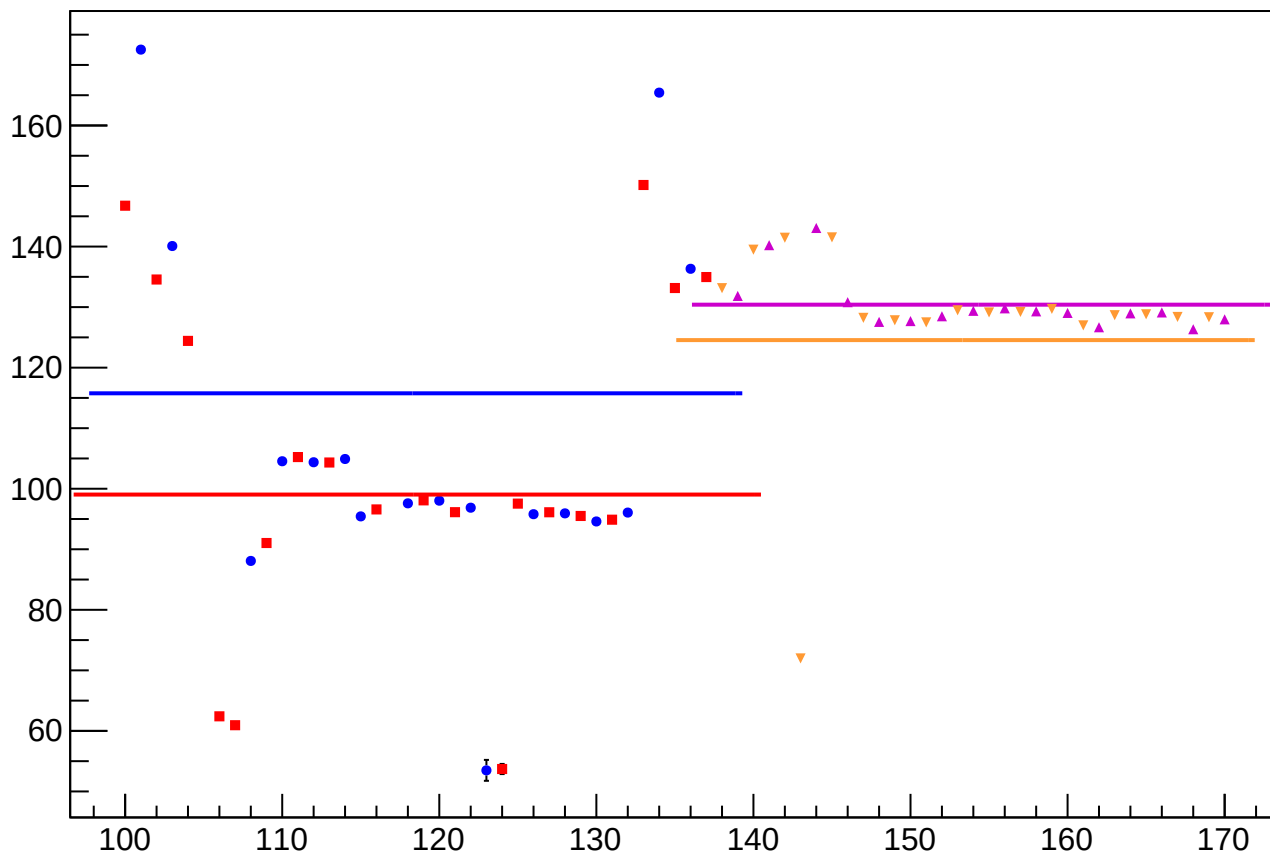
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.552 ± 0.802 χ^2/NDF : 1098.4/32

Out: -77.041 ± 0.758 χ^2/NDF : 1372.6/35

All: -80.111 ± 0.551 χ^2/NDF : 2505.8/68

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: 124.551 $\pm$ 0.047 χ^2 /NDF:163281.9/16

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.402 $\pm$ 0.048 χ^2 /NDF:8488.4/15

Left: 127.408 $\pm$ 0.033 χ^2 /NDF: 179430.3/32

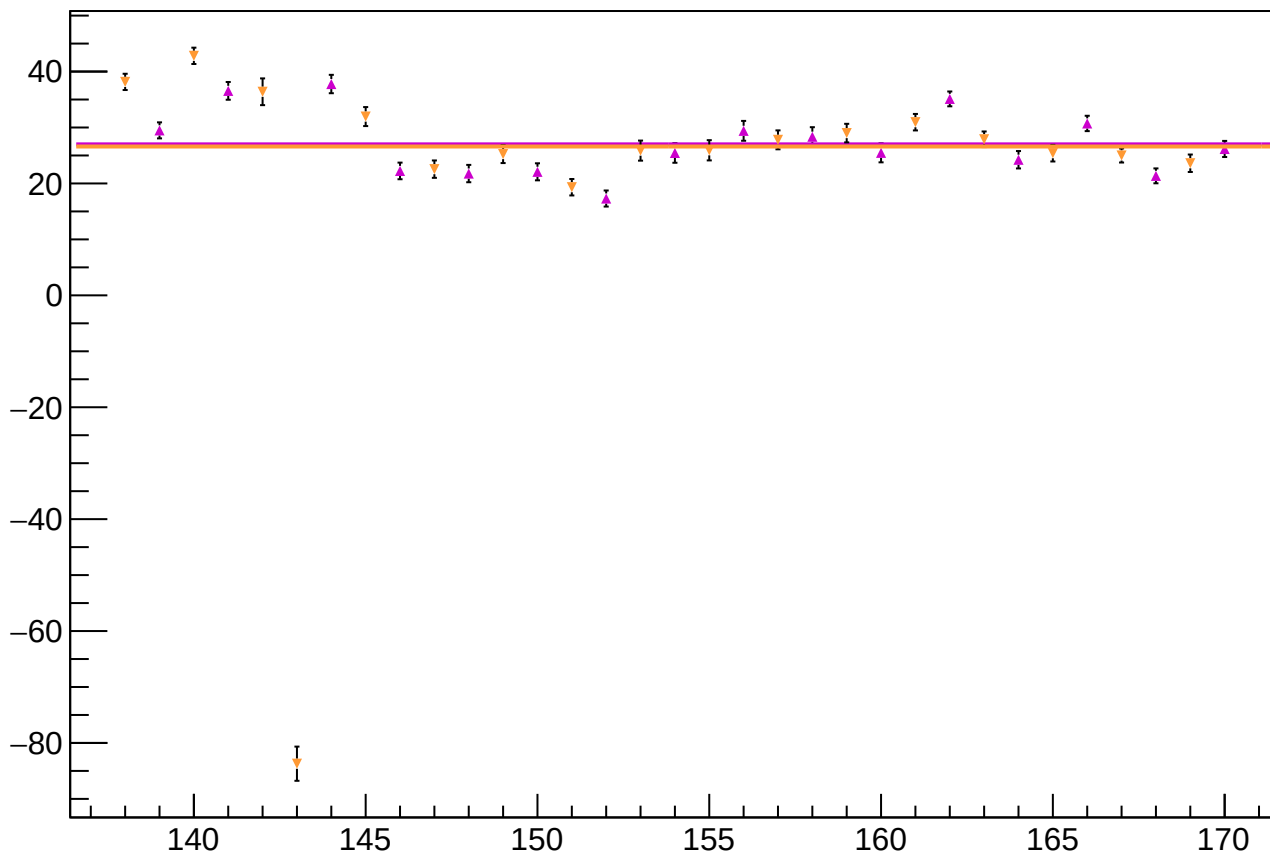
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.409 $\pm$ 0.041 χ^2 /NDF:140345.6/32

Out: 116.447 $\pm$ 0.039 χ^2 /NDF:431484.6/35

All: 121.153 $\pm$ 0.028 χ^2 /NDF: 603310.6/68

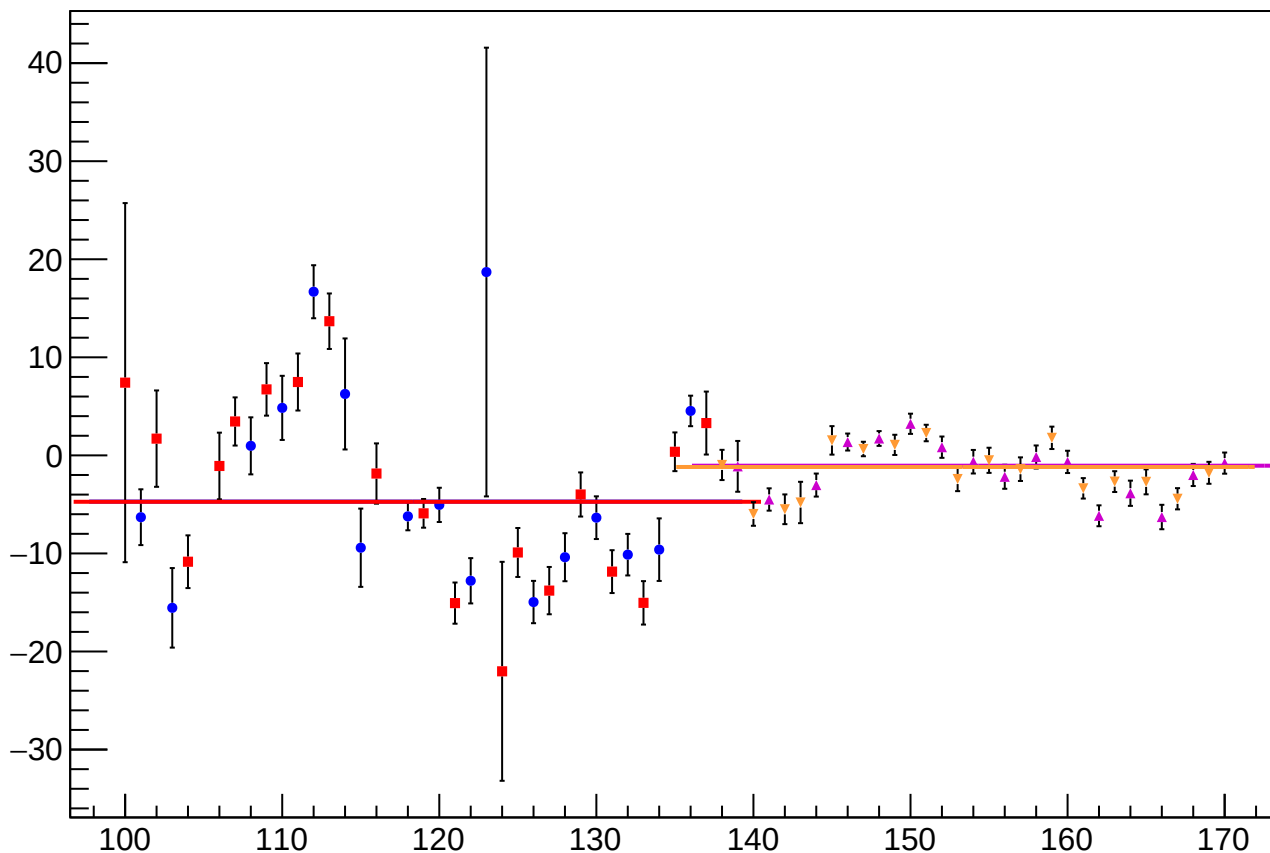
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 26.603+/-0.388 χ^2/NDF :1567.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.985+/-0.380 χ^2/NDF :230.3/15

Left: 26.798+/-0.271 χ^2/NDF : 1797.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.985+/-0.380 χ^2/NDF :230.3/15
 Out: 26.603+/-0.388 χ^2/NDF :1567.1/16
 All: 26.798+/-0.271 χ^2/NDF : 1797.9/32

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.183 ± 0.275 $\chi^2/\text{NDF}: 83.4/16$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -1.052 ± 0.276 $\chi^2/\text{NDF}: 101.3/15$

Left: -1.118 ± 0.195 $\chi^2/\text{NDF}: 184.9/32$

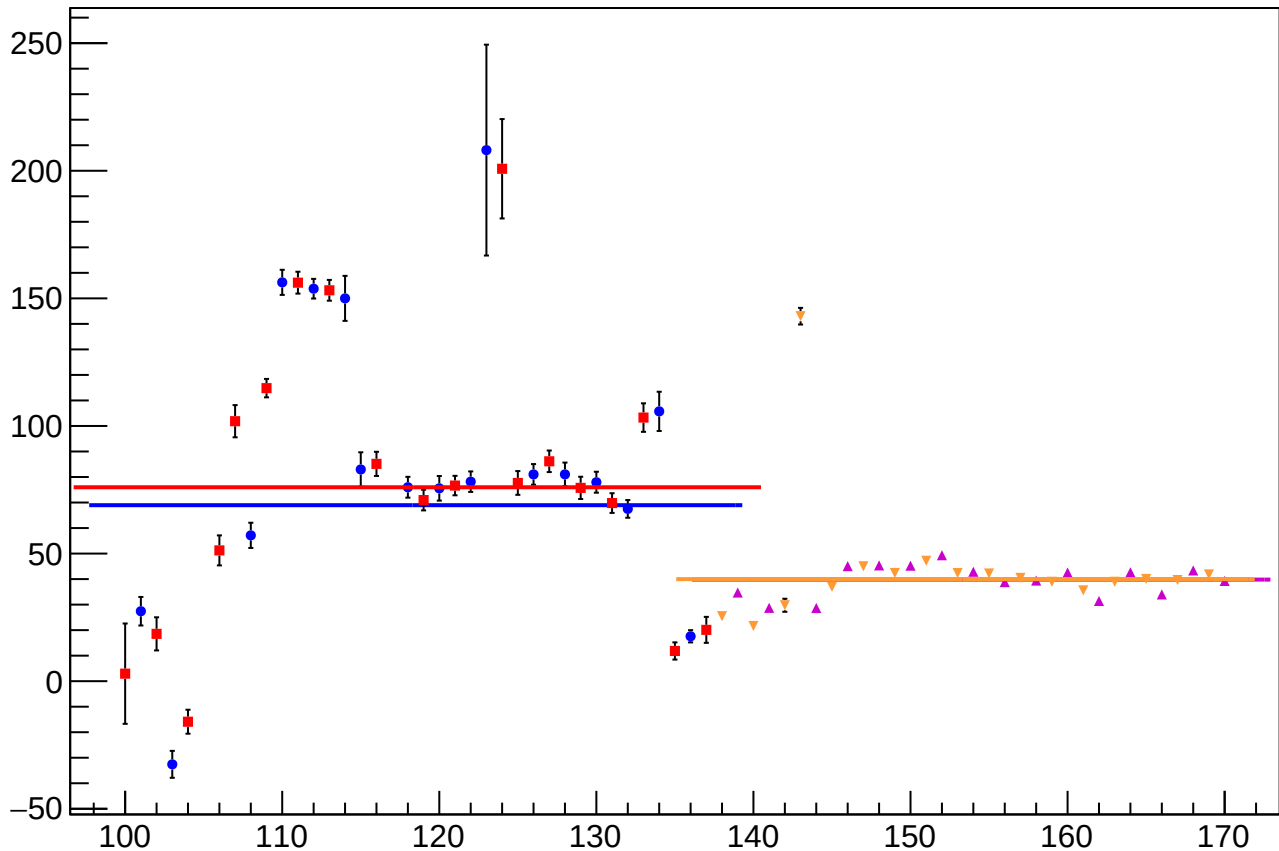
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.725 ± 0.249 $\chi^2/\text{NDF}: 308.5/32$

Out: -1.825 ± 0.249 $\chi^2/\text{NDF}: 303.3/35$

All: -1.775 ± 0.176 $\chi^2/\text{NDF}: 611.9/68$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 39.986 ± 0.381 $\chi^2/\text{NDF}: 1299.9/16$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 39.800 ± 0.372 $\chi^2/\text{NDF}: 263.2/15$

Left: 39.891 ± 0.266 $\chi^2/\text{NDF}: 1563.2/32$

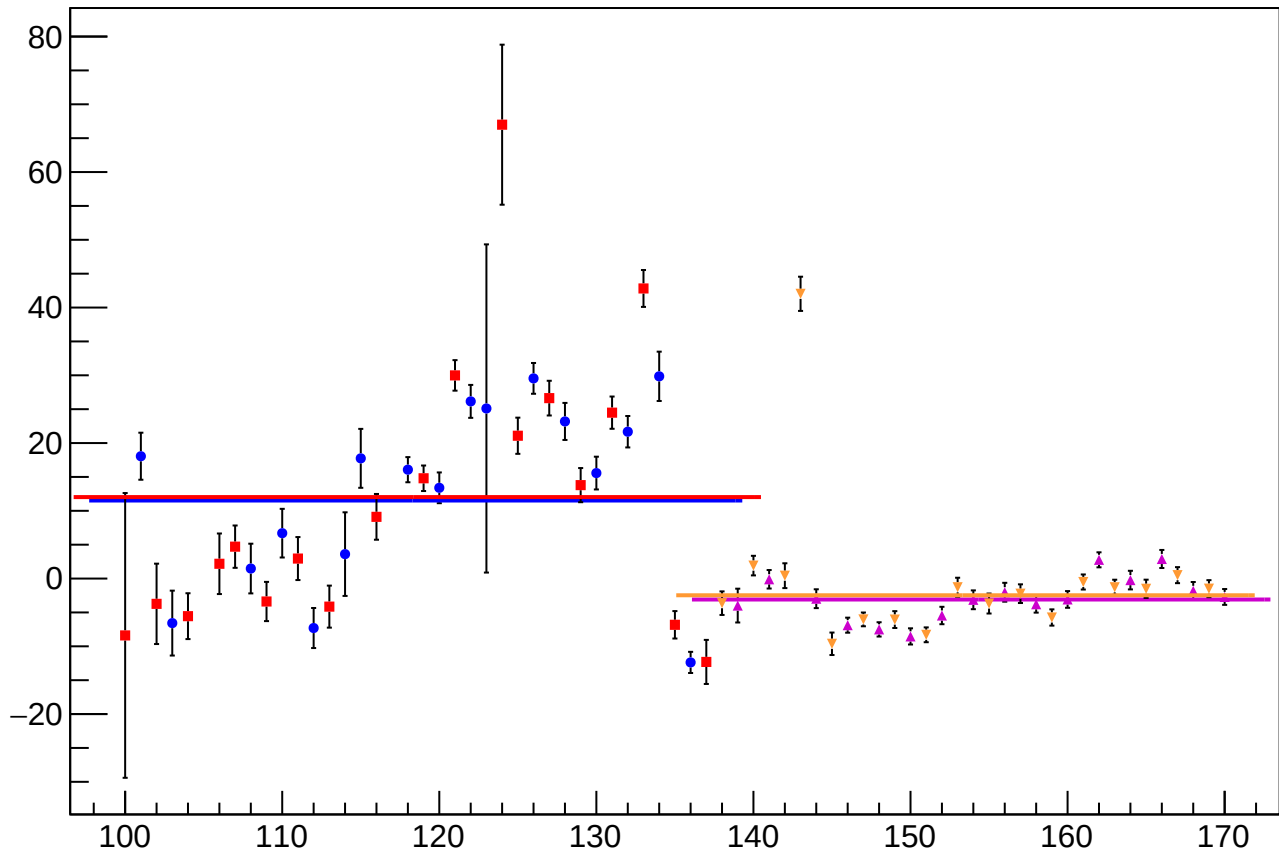
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 42.899 ± 0.352 $\chi^2/\text{NDF}: 2760.1/32$

Out: 44.040 ± 0.359 $\chi^2/\text{NDF}: 4200.1/35$

All: 43.458 ± 0.251 $\chi^2/\text{NDF}: 6965.3/68$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -2.466 ± 0.320 $\chi^2/\text{NDF}: 410.9/16$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -3.092 ± 0.319 $\chi^2/\text{NDF}: 112.7/15$

Left: -2.779 ± 0.226 $\chi^2/\text{NDF}: 525.5/32$

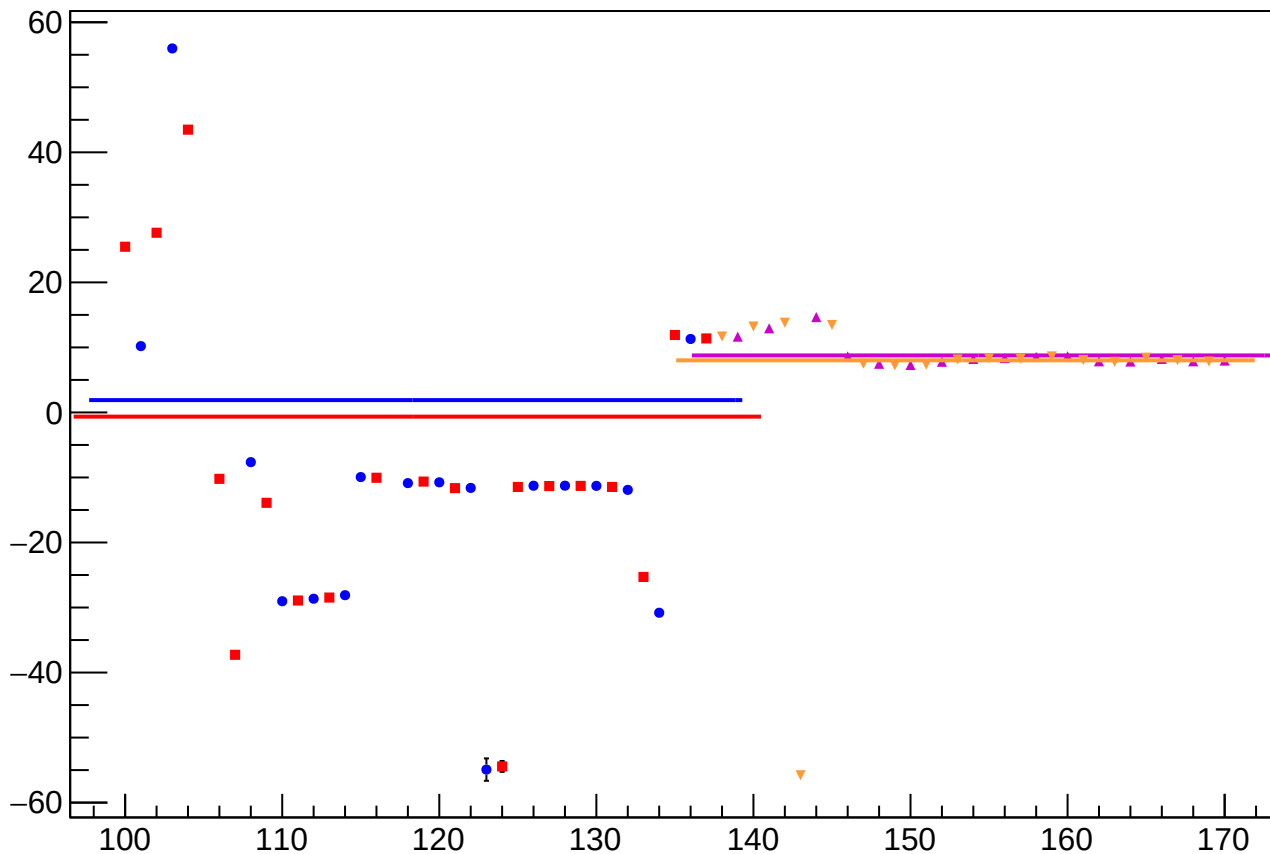
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.317 ± 0.287 $\chi^2/\text{NDF}: 987.2/32$

Out: 0.259 ± 0.288 $\chi^2/\text{NDF}: 1337.1/35$

All: -0.030 ± 0.203 $\chi^2/\text{NDF}: 2326.4/68$

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: 8.013 $\pm$ 0.015 χ^2/NDF :256524.9/16

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 8.767 $\pm$ 0.015 χ^2/NDF :15109.0/15

Left: 8.399 $\pm$ 0.010 χ^2/NDF : 272940.4/32

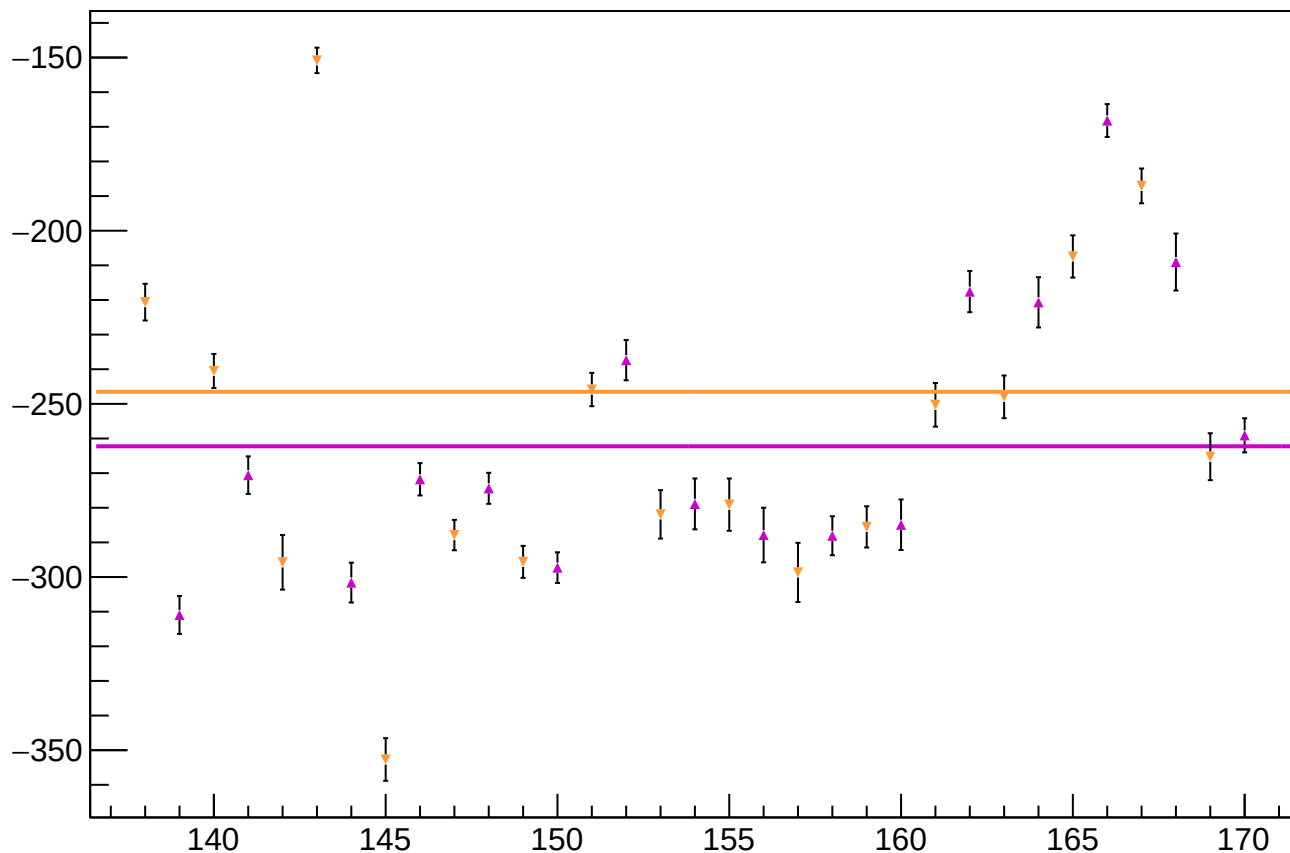
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.848 $\pm$ 0.014 χ^2/NDF :403765.2/32

Out: 6.805 $\pm$ 0.014 χ^2/NDF :665123.3/35

All: 7.337 $\pm$ 0.010 χ^2/NDF : 1071789.3/68

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: -246.505+/-1.342 χ^2/NDF :1554.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.252+/-1.405 χ^2/NDF :791.9/15

Left: -254.020+/-0.970 χ^2/NDF : 2412.2/32

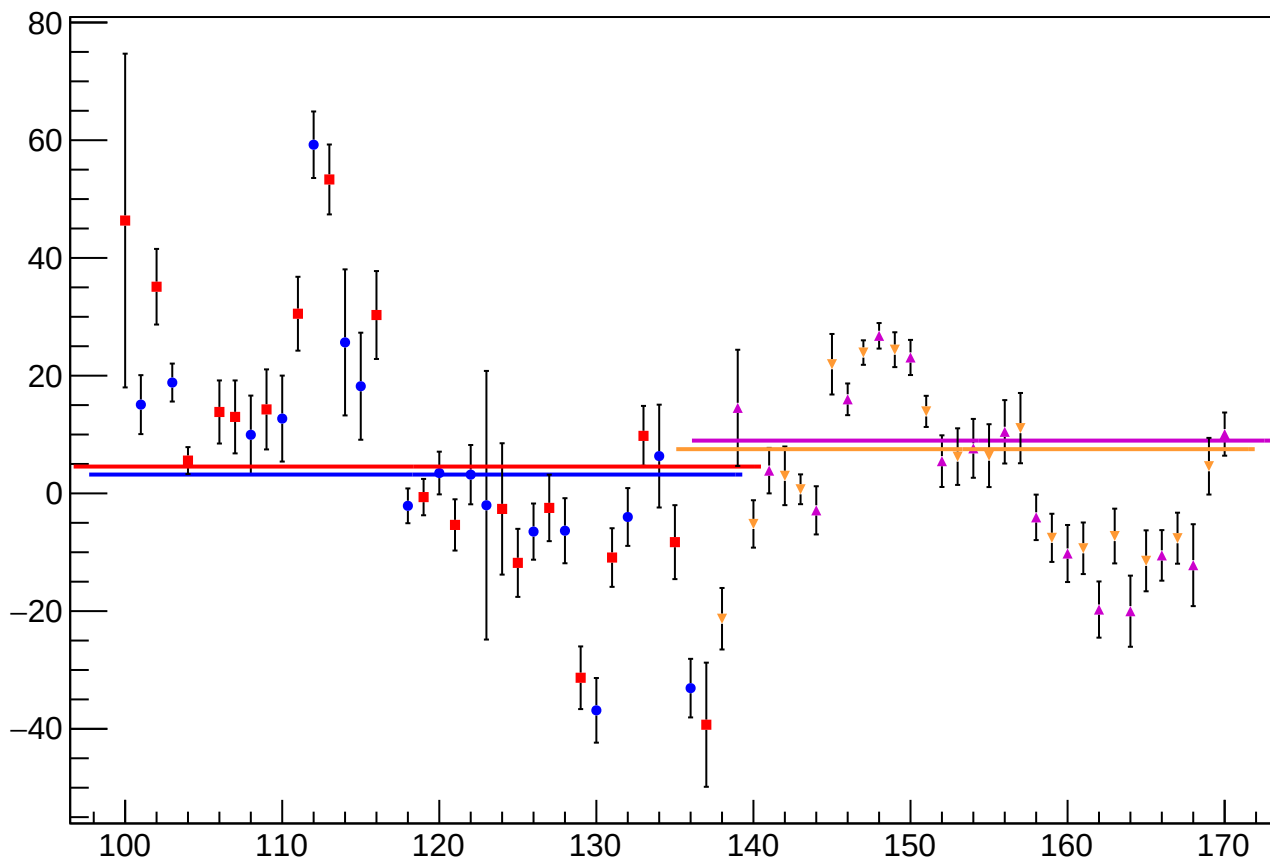
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.252+/-1.405 χ^2/NDF :791.9/15

Out: -246.505+/-1.342 χ^2/NDF :1554.6/16

All: -254.020+/-0.970 χ^2/NDF : 2412.2/32

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: 7.514 ± 0.906 χ^2/NDF : 221.7/16

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 8.970 ± 0.973 χ^2/NDF : 223.8/15

Left: 8.190 ± 0.663 χ^2/NDF : 446.8/32

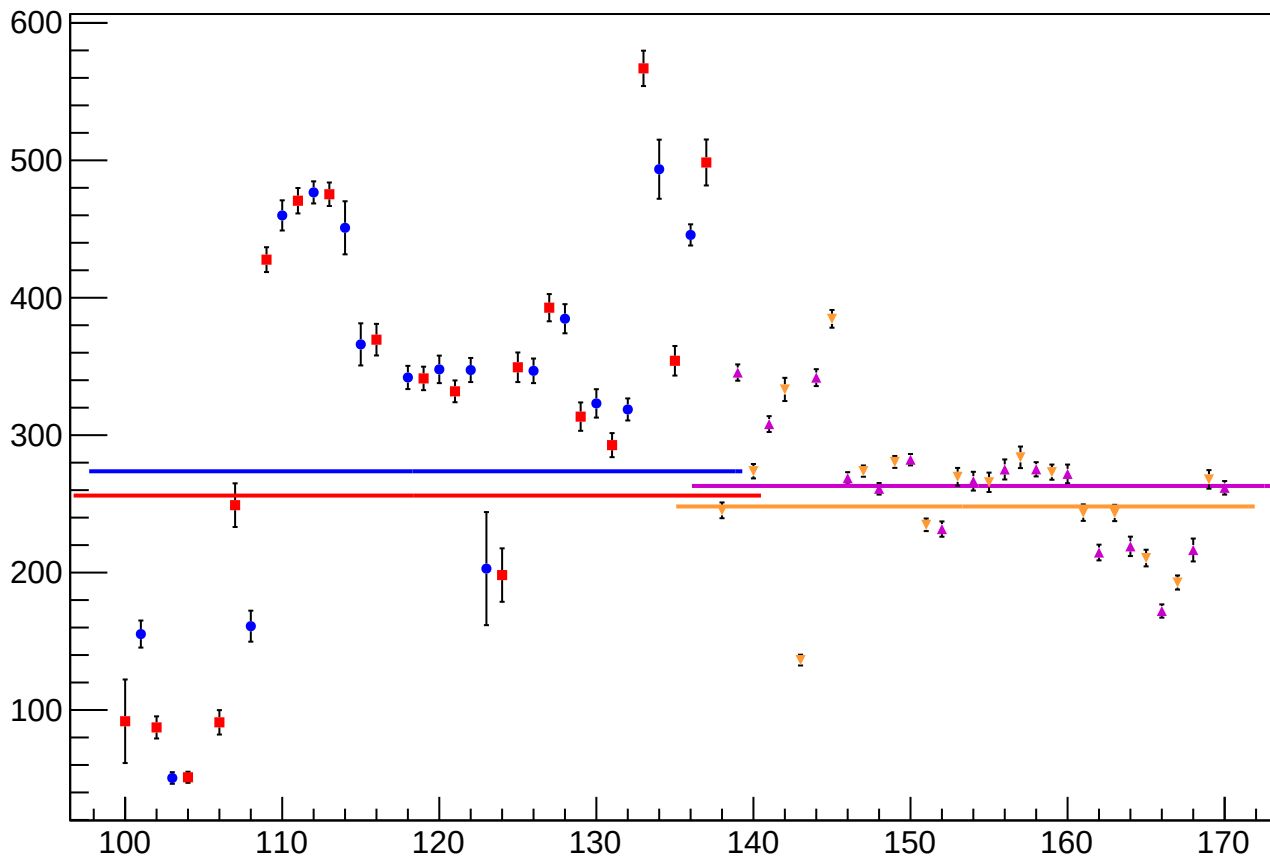
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 6.743 ± 0.762 χ^2/NDF : 492.6/32

Out: 6.391 ± 0.713 χ^2/NDF : 449.7/35

All: 6.555 ± 0.521 χ^2/NDF : 942.4/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 ± 2.195 $\chi^2/\text{NDF}: 5103.3/16$

Left Out: 248.107 ± 1.329 $\chi^2/\text{NDF}: 1712.8/16$

Right Out: 256.055 ± 2.079 $\chi^2/\text{NDF}: 6441.1/18$

Left In: 263.041 ± 1.373 $\chi^2/\text{NDF}: 980.0/15$

Left: 255.331 ± 0.955 $\chi^2/\text{NDF}: 2753.9/32$

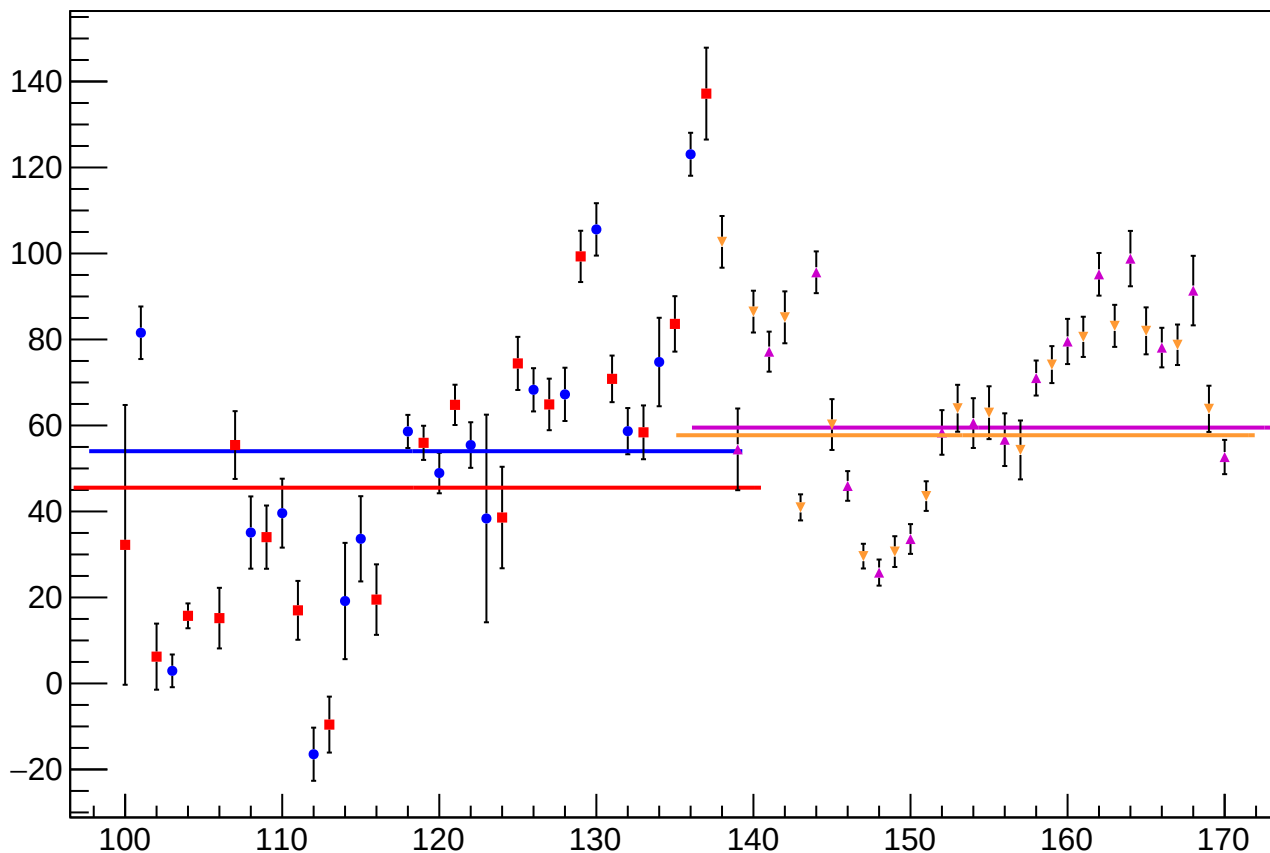
Right: 264.408 ± 1.509 $\chi^2/\text{NDF}: 11578.5/35$

In: 266.044 ± 1.164 $\chi^2/\text{NDF}: 6100.3/32$

Out: 250.413 ± 1.120 $\chi^2/\text{NDF}: 8164.2/35$

All: 257.926 ± 0.807 $\chi^2/\text{NDF}: 14358.2/68$

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: 57.726 $\pm$ 1.082 χ^2 /NDF:421.1/16

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 59.504 $\pm$ 1.150 χ^2 /NDF:411.3/15

Left: 58.560 $\pm$ 0.788 χ^2 /NDF: 833.7/32

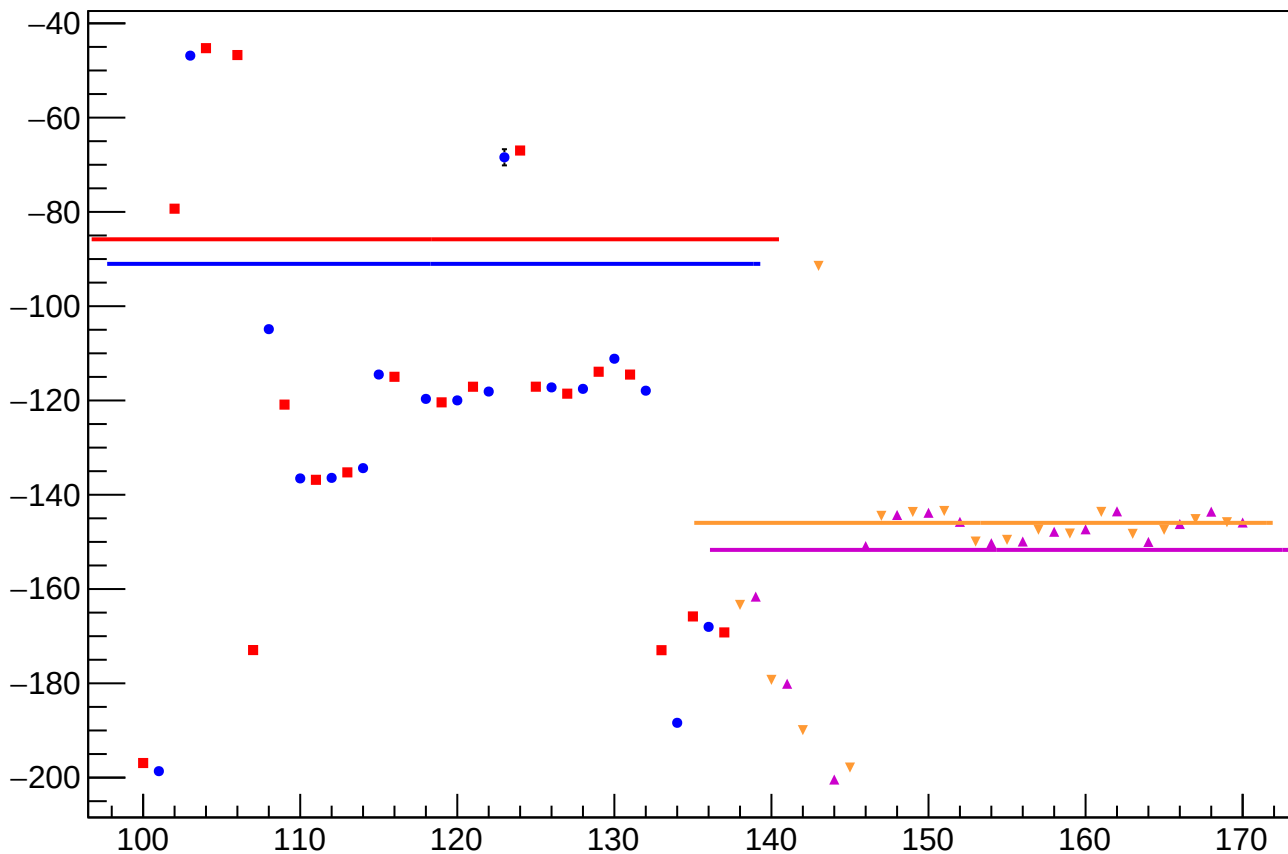
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.335 $\pm$ 0.895 χ^2 /NDF:1053.1/32

Out: 52.987 $\pm$ 0.846 χ^2 /NDF:997.3/35

All: 55.040 $\pm$ 0.615 χ^2 /NDF: 2062.9/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.959+/-0.053 χ^2/NDF : 205715.1/16

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -151.695+/-0.055 χ^2/NDF : 58632.1/15

Left: -148.760+/-0.038 χ^2/NDF : 269975.5/32

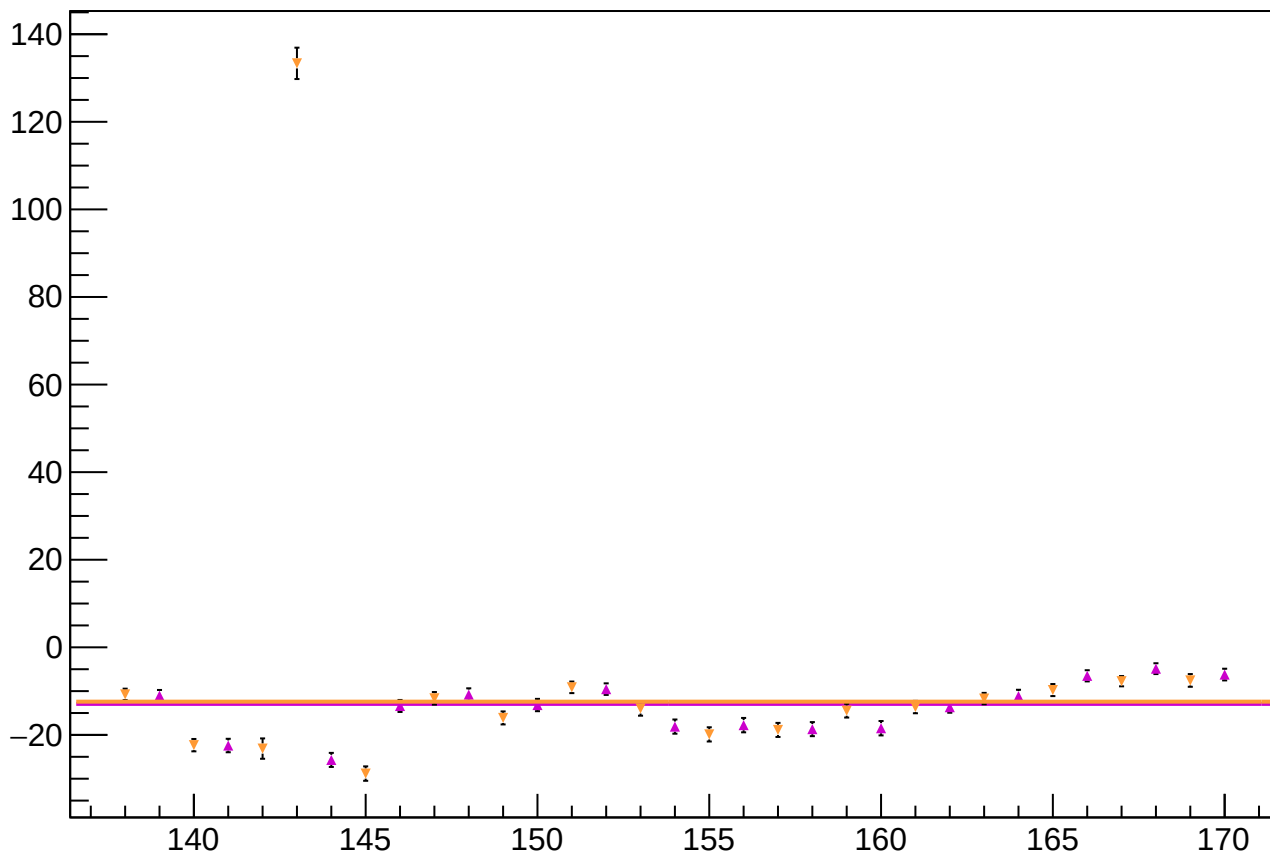
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -127.690+/-0.043 χ^2/NDF : 1080003.5/32

Out: -121.717+/-0.041 χ^2/NDF : 1212445.5/35

All: -124.616+/-0.030 χ^2/NDF : 2302607.9/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



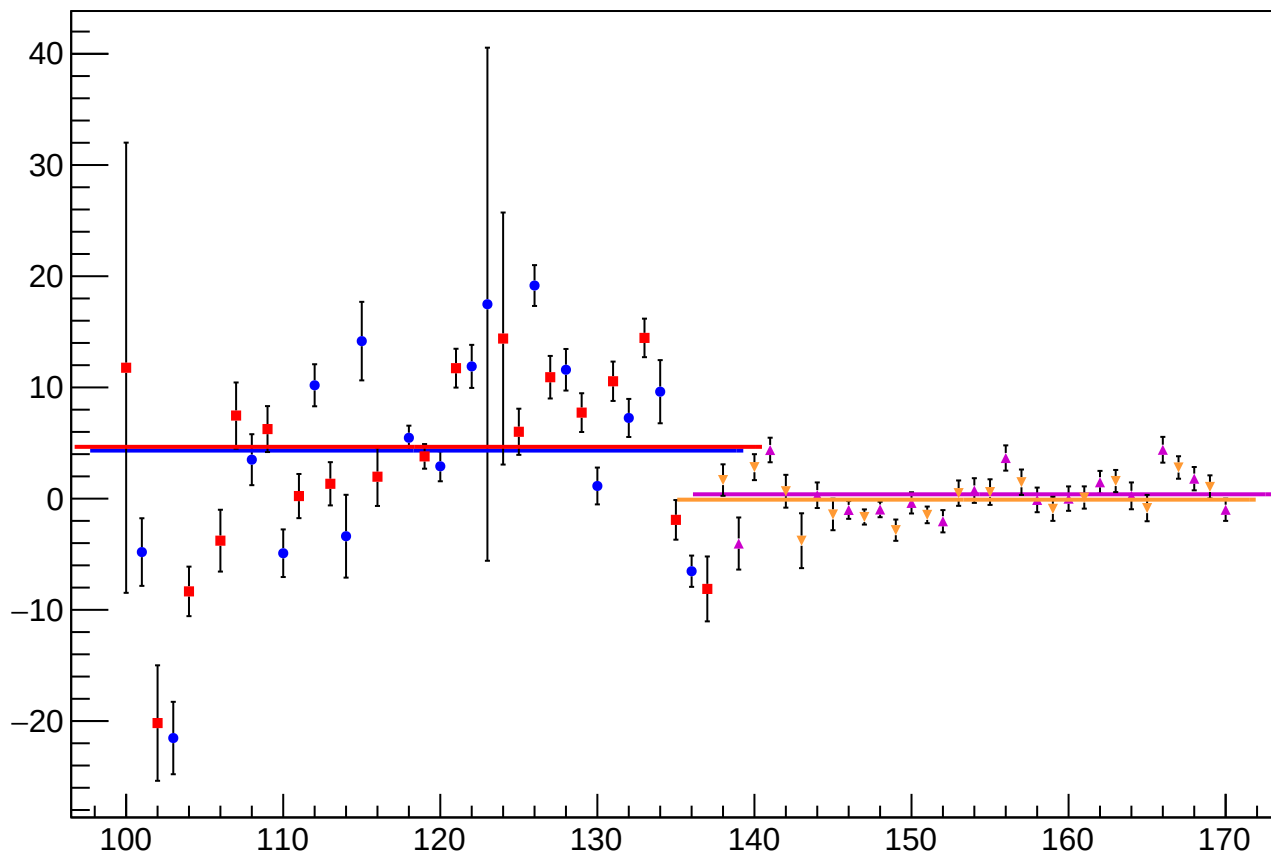
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.406+/-0.363 χ^2/NDF :1912.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.915+/-0.355 χ^2/NDF :250.3/15

Left: -12.667+/-0.254 χ^2/NDF : 2163.7/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.915+/-0.355 χ^2/NDF :250.3/15
 Out: -12.406+/-0.363 χ^2/NDF :1912.4/16

All: -12.667+/-0.254 χ^2/NDF : 2163.7/32

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.092 ± 0.257 $\chi^2/\text{NDF}: 43.8/16$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.390 ± 0.258 $\chi^2/\text{NDF}: 55.5/15$

Left: 0.148 ± 0.182 $\chi^2/\text{NDF}: 101.0/32$

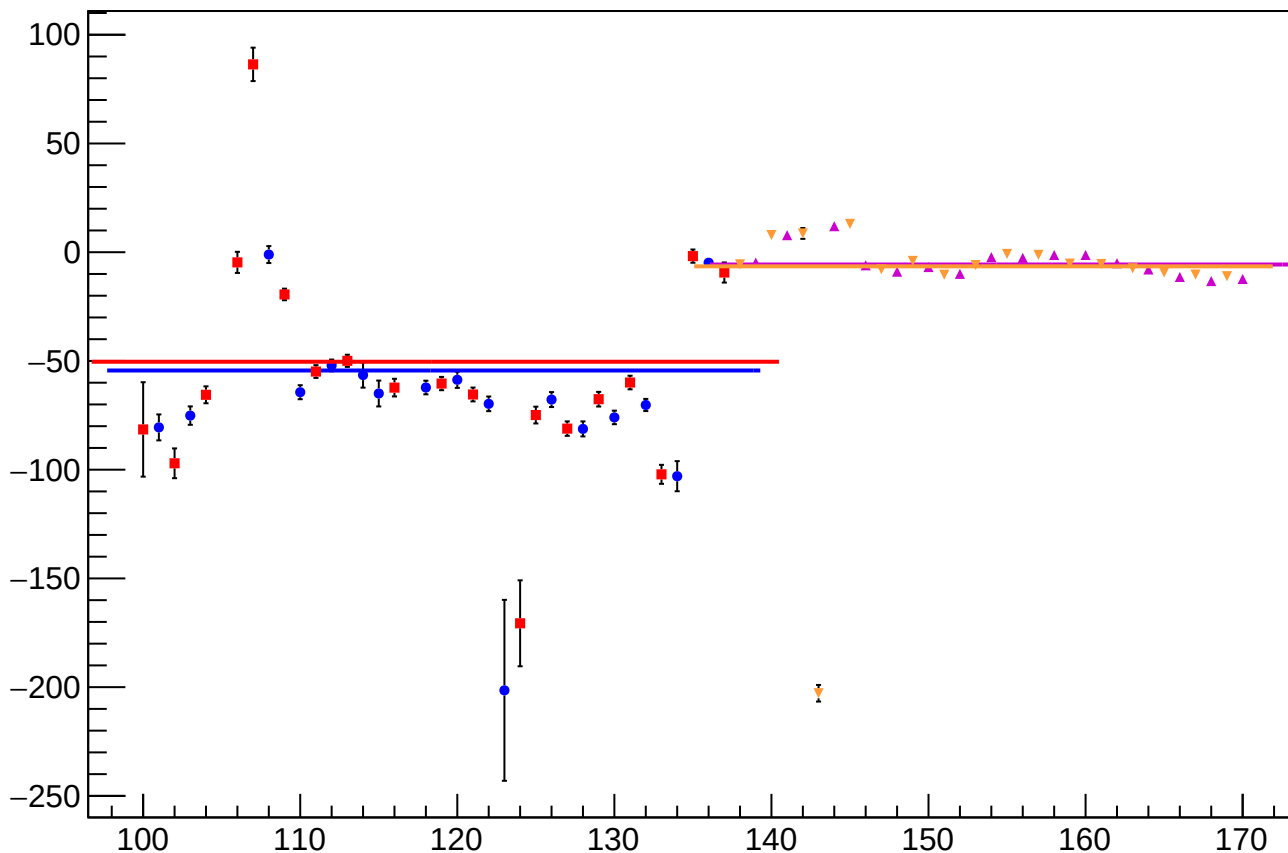
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.315 ± 0.226 $\chi^2/\text{NDF}: 390.4/32$

Out: 0.987 ± 0.226 $\chi^2/\text{NDF}: 305.9/35$

All: 1.151 ± 0.160 $\chi^2/\text{NDF}: 697.4/68$

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: -6.489 ± 0.356 $\chi^2/\text{NDF}: 2966.9/16$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -5.648 ± 0.348 $\chi^2/\text{NDF}: 301.8/15$

Left: -6.058 ± 0.249 $\chi^2/\text{NDF}: 3271.5/32$

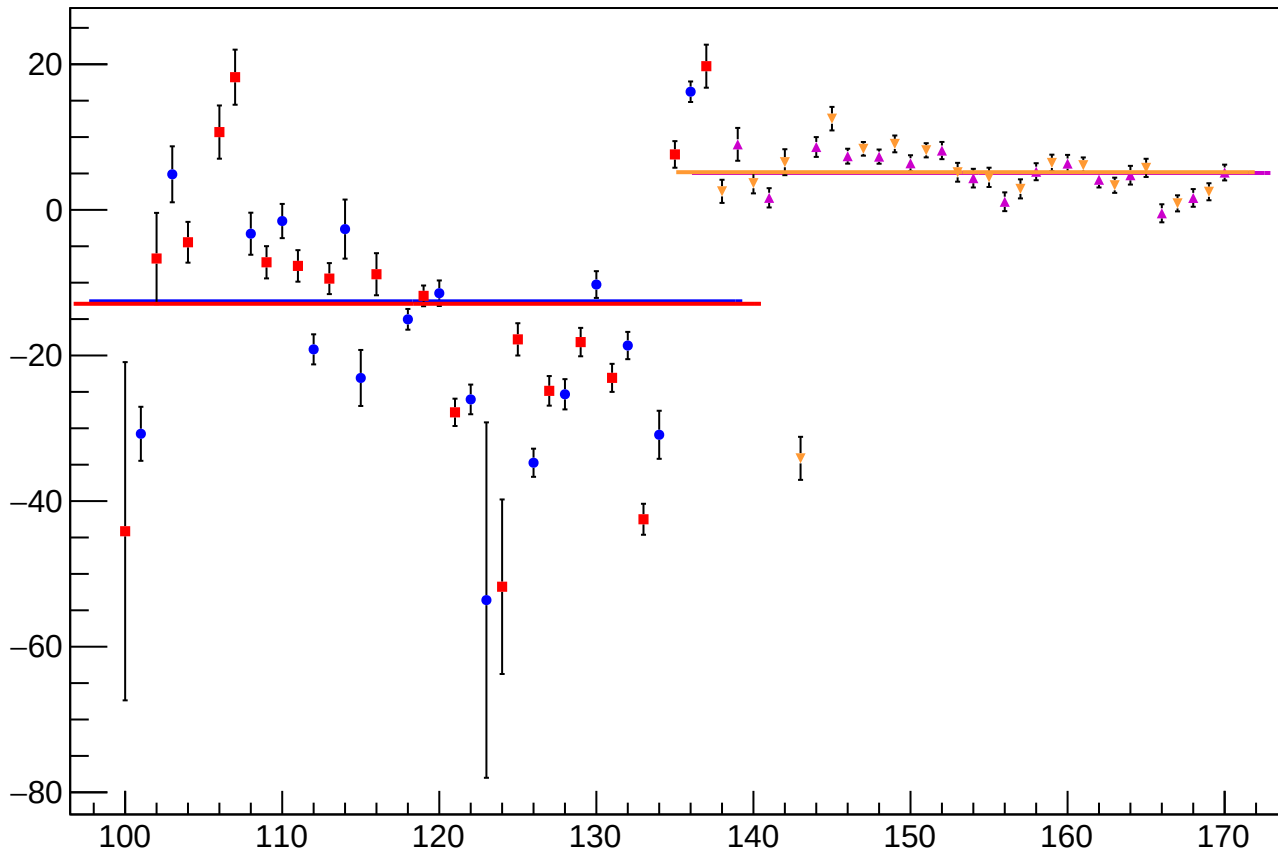
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.437 ± 0.323 $\chi^2/\text{NDF}: 4051.6/32$

Out: -12.951 ± 0.329 $\chi^2/\text{NDF}: 6520.0/35$

All: -12.689 ± 0.230 $\chi^2/\text{NDF}: 10572.8/68$

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: 5.176 ± 0.299 χ^2/NDF : 263.4/16

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.066 ± 0.299 χ^2/NDF : 74.8/15

Left: 5.121 ± 0.212 χ^2/NDF : 338.3/32

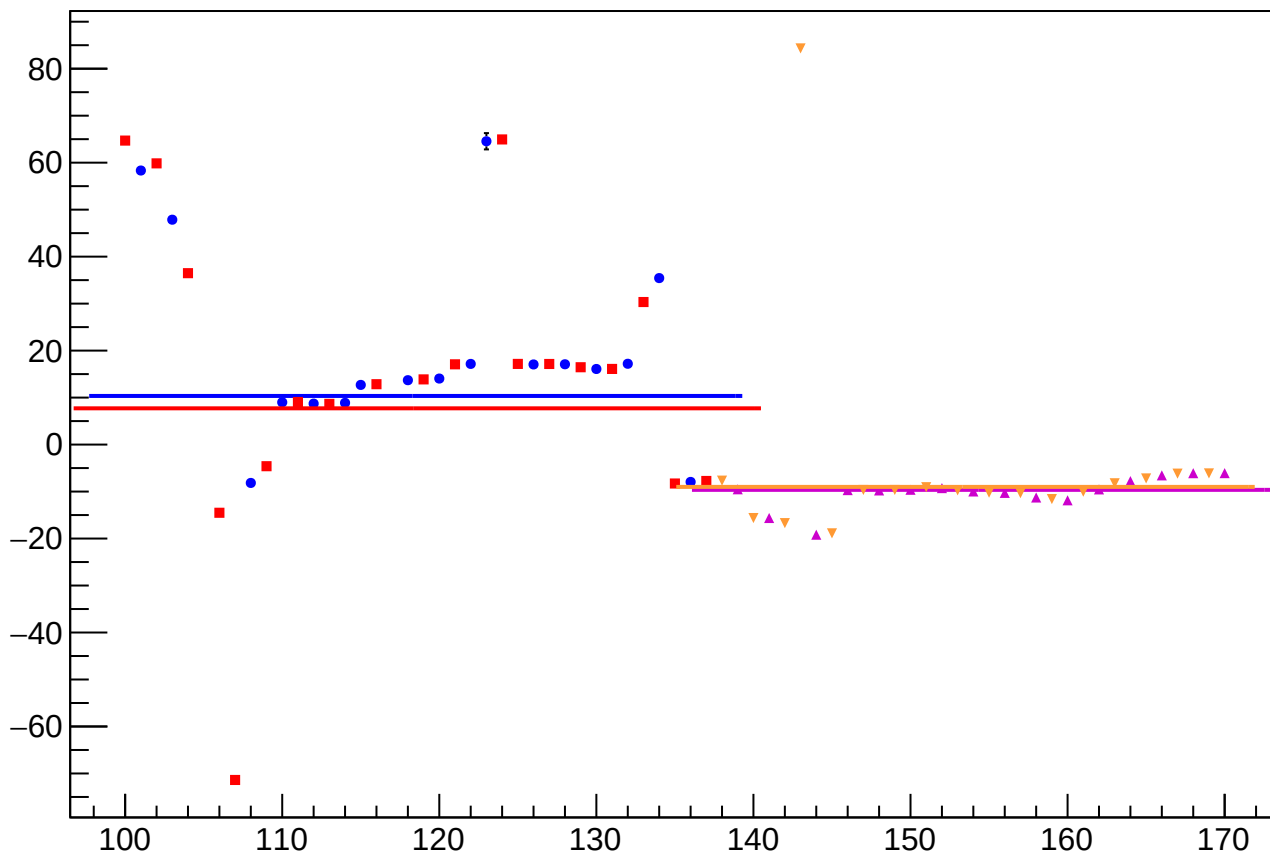
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.823 ± 0.261 χ^2/NDF : 1689.6/32

Out: 0.907 ± 0.262 χ^2/NDF : 1853.5/35

All: 0.865 ± 0.185 χ^2/NDF : 3543.1/68

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: -9.007 ± 0.014 χ^2/NDF : 419013.6/16

Right Out: 7.715 ± 0.031 χ^2/NDF : 545032.1/18

Left In: -9.637 ± 0.014 χ^2/NDF : 41981.9/15

Left: -9.330 ± 0.010 χ^2/NDF : 462042.5/32

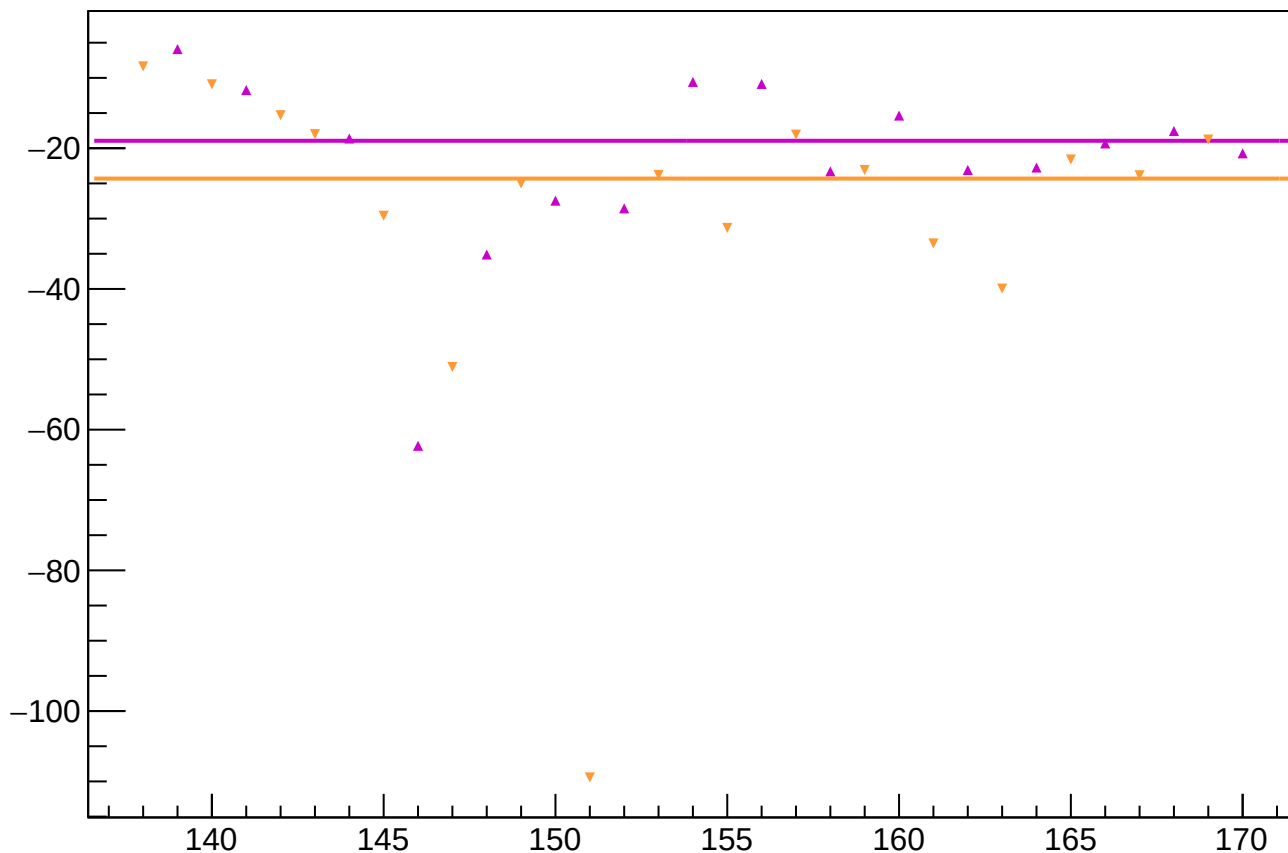
Right: 9.061 ± 0.022 χ^2/NDF : 929542.3/35

In: -6.338 ± 0.012 χ^2/NDF : 779535.5/32

Out: -6.227 ± 0.013 χ^2/NDF : 1202575.6/35

All: -6.284 ± 0.009 χ^2/NDF : 1982149.8/68

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.310+/-0.058 χ^2/NDF : 57744.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.939+/-0.050 χ^2/NDF : 38014.4/15

Left: -21.238+/-0.038 χ^2/NDF : 100619.1/32

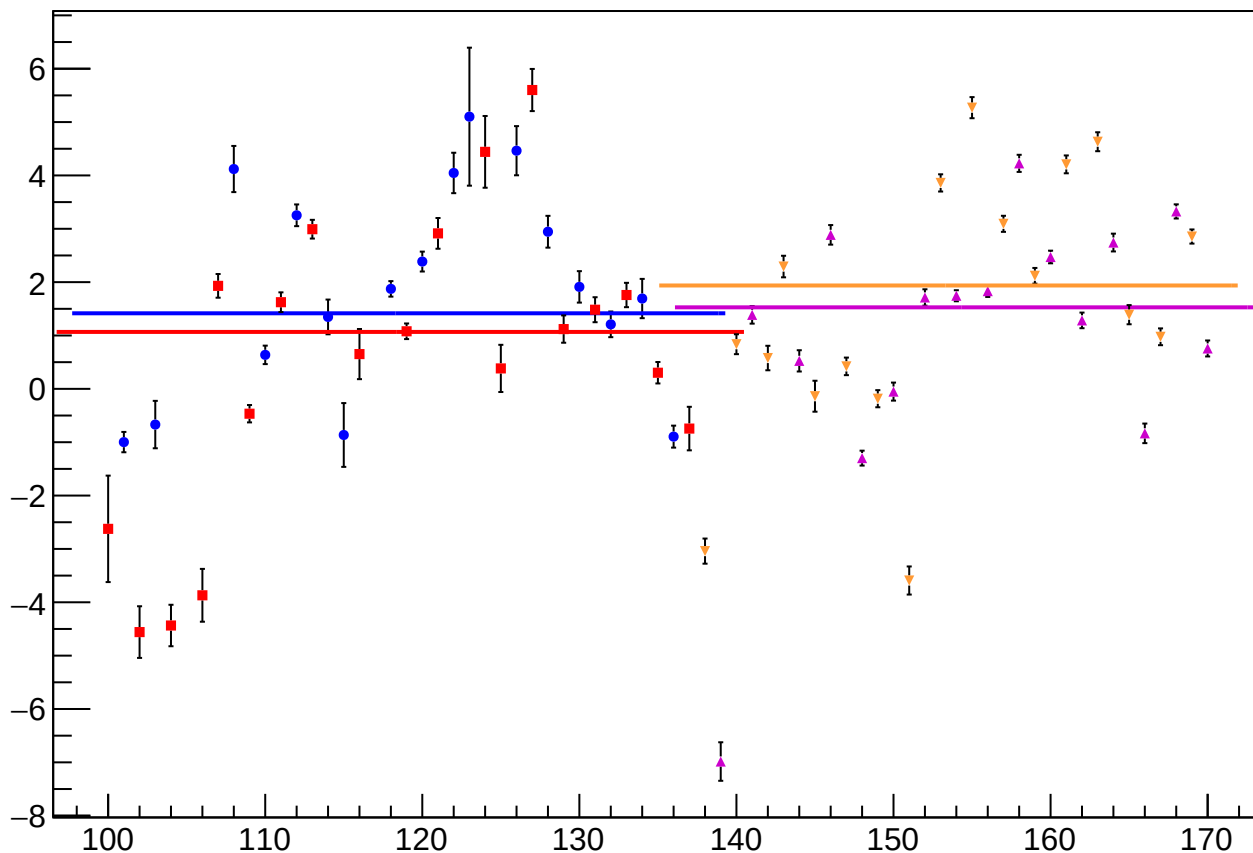
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.939+/-0.050 χ^2/NDF : 38014.4/15

Out: -24.310+/-0.058 χ^2/NDF : 57744.9/16

All: -21.238+/-0.038 χ^2/NDF : 100619.1/32

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: 1.937 $\pm$ 0.043 χ^2/NDF :2267.1/16

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 1.528 $\pm$ 0.037 χ^2/NDF :1924.5/15

Left: 1.702 $\pm$ 0.028 χ^2/NDF : 4243.8/32

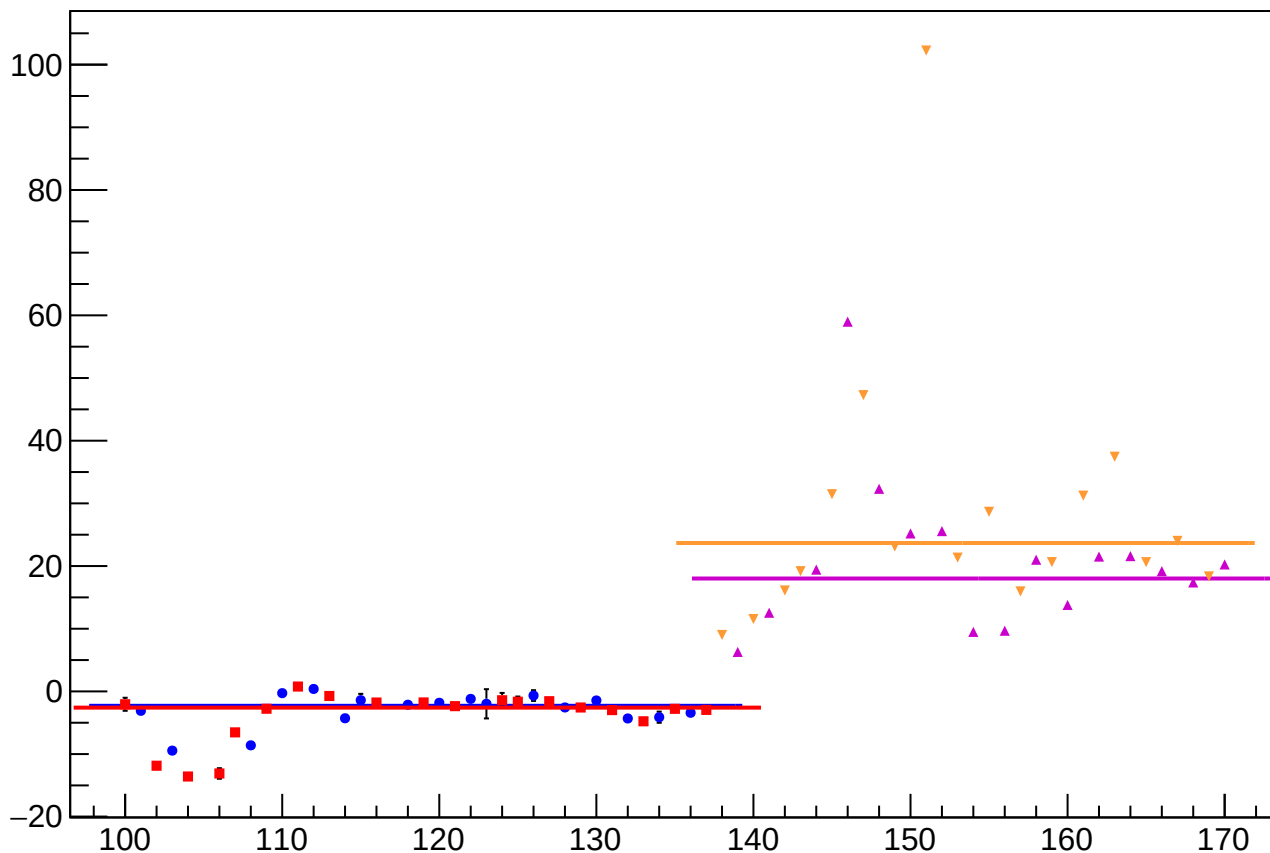
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.498 $\pm$ 0.032 χ^2/NDF :2558.1/32

Out: 1.630 $\pm$ 0.035 χ^2/NDF :3342.1/35

All: 1.558 $\pm$ 0.023 χ^2/NDF : 5908.2/68

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 23.677 ± 0.057 χ^2/NDF : 51733.2/16

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 18.012 ± 0.049 χ^2/NDF : 35895.2/15

Left: 20.399 ± 0.037 χ^2/NDF : 93270.6/32

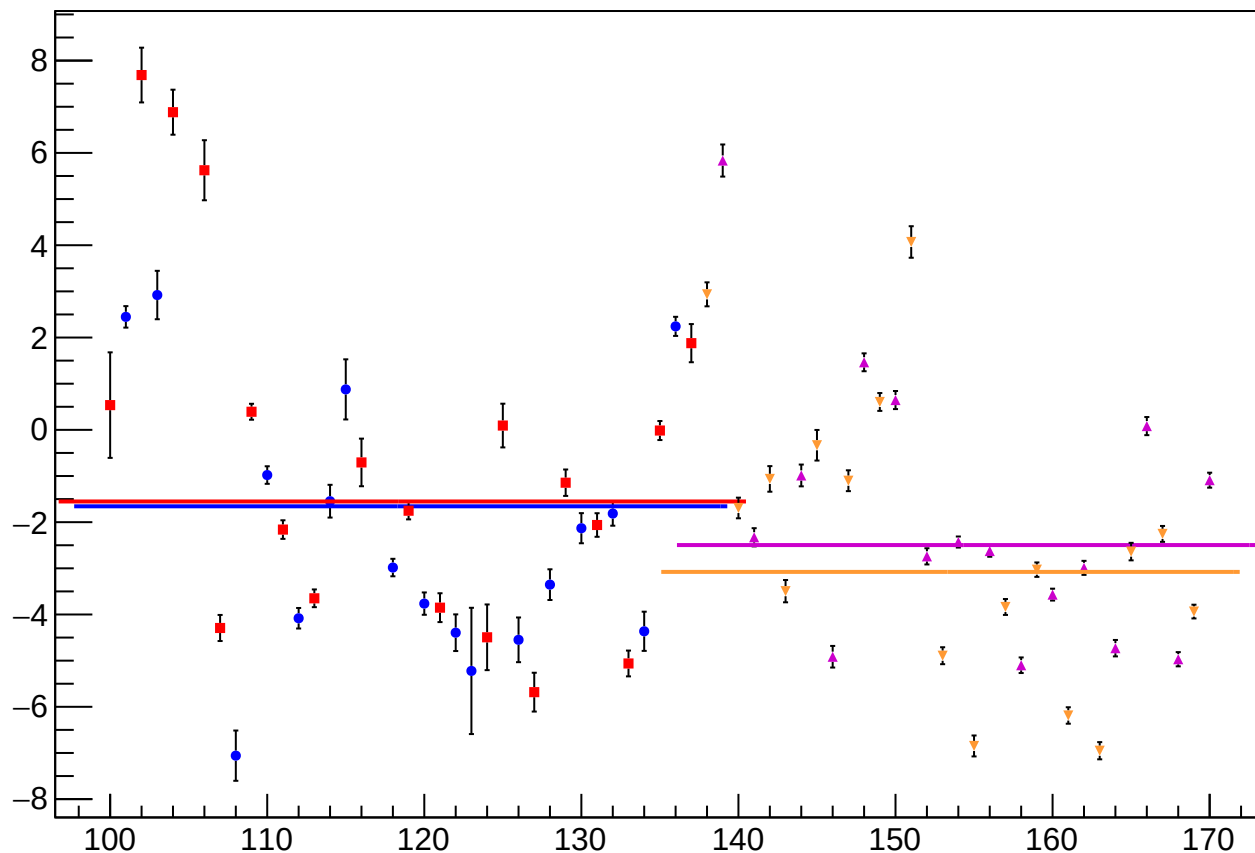
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 14.695 ± 0.045 χ^2/NDF : 64432.8/32

Out: 17.054 ± 0.050 χ^2/NDF : 105457.7/35

All: 15.754 ± 0.033 χ^2/NDF : 171135.7/68

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -3.077 ± 0.049 χ^2/NDF : 2767.5/16

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.496 ± 0.042 χ^2/NDF : 2379.7/15

Left: -2.743 ± 0.032 χ^2/NDF : 5228.6/32

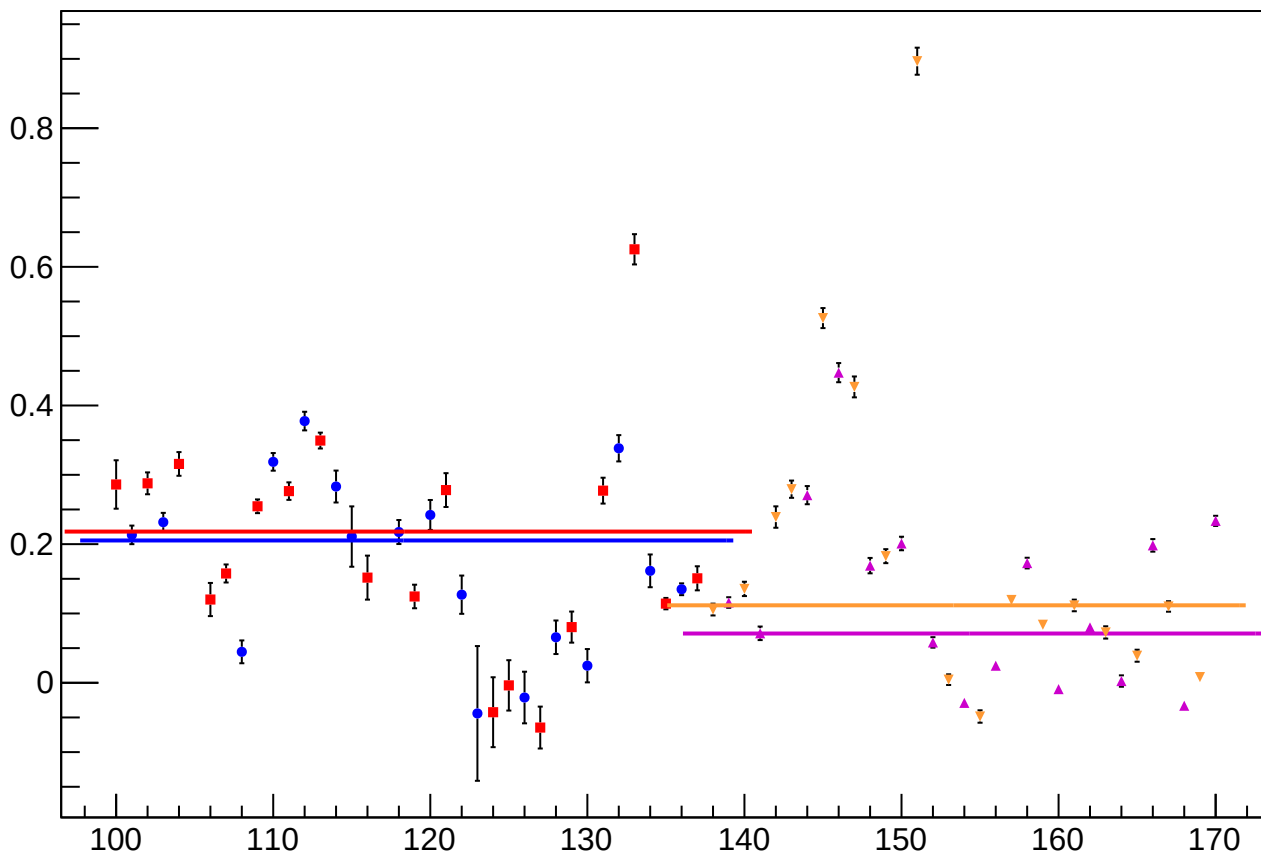
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.276 ± 0.036 χ^2/NDF : 3755.6/32

Out: -2.533 ± 0.039 χ^2/NDF : 4603.6/35

All: -2.394 ± 0.027 χ^2/NDF : 8382.7/68

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: 0.112 $\pm$ 0.002 χ^2 /NDF: 4031.9/16

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 3185.6/15

Left: 0.088 $\pm$ 0.001 χ^2 /NDF: 7419.4/32

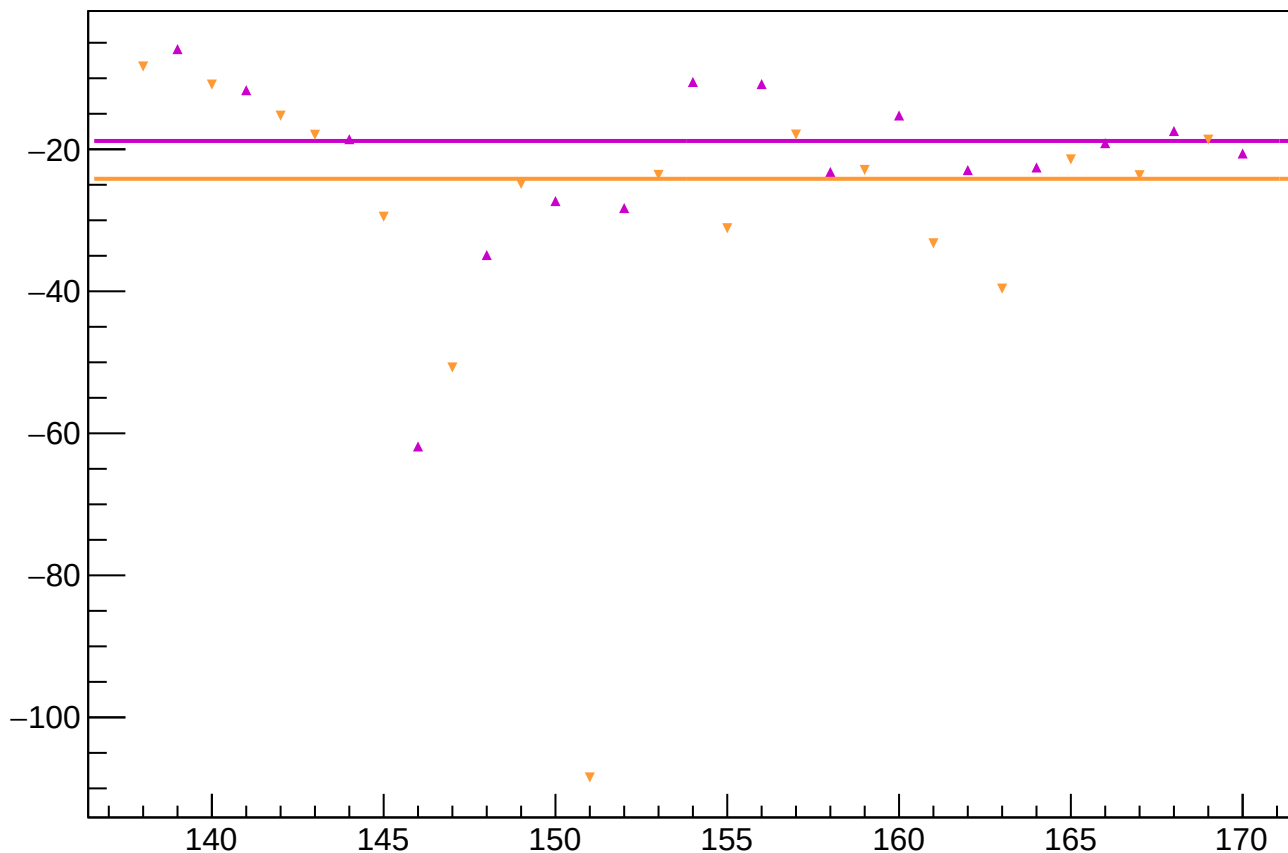
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.093 $\pm$ 0.002 χ^2 /NDF: 4685.8/32

Out: 0.140 $\pm$ 0.002 χ^2 /NDF: 5668.0/35

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 10695.2/68

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



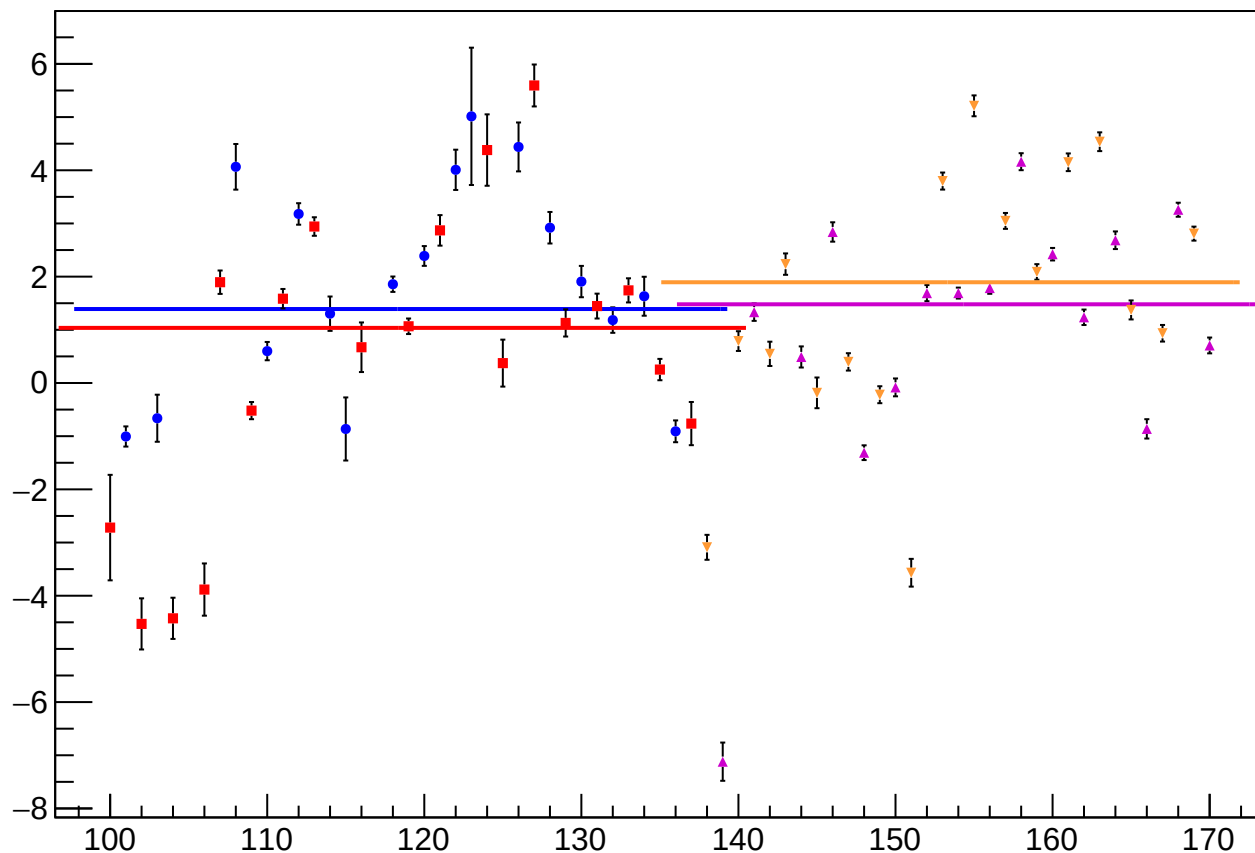
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.157+/-0.058 χ^2/NDF :57564.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.828+/-0.050 χ^2/NDF :37927.2/15

Left: -21.110+/-0.038 χ^2/NDF : 100337.3/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.828+/-0.050 χ^2/NDF :37927.2/15
 Out: -24.157+/-0.058 χ^2/NDF :57564.3/16

All: -21.110+/-0.038 χ^2/NDF : 100337.3/32

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.894 $\pm$ 0.043 χ^2 /NDF:2266.6/16

Right Out: 1.036 $\pm$ 0.058 χ^2 /NDF: 934.2/18

Left In: 1.480 $\pm$ 0.037 χ^2 /NDF:1935.6/15

Left: 1.657 $\pm$ 0.028 χ^2 /NDF: 4256.3/32

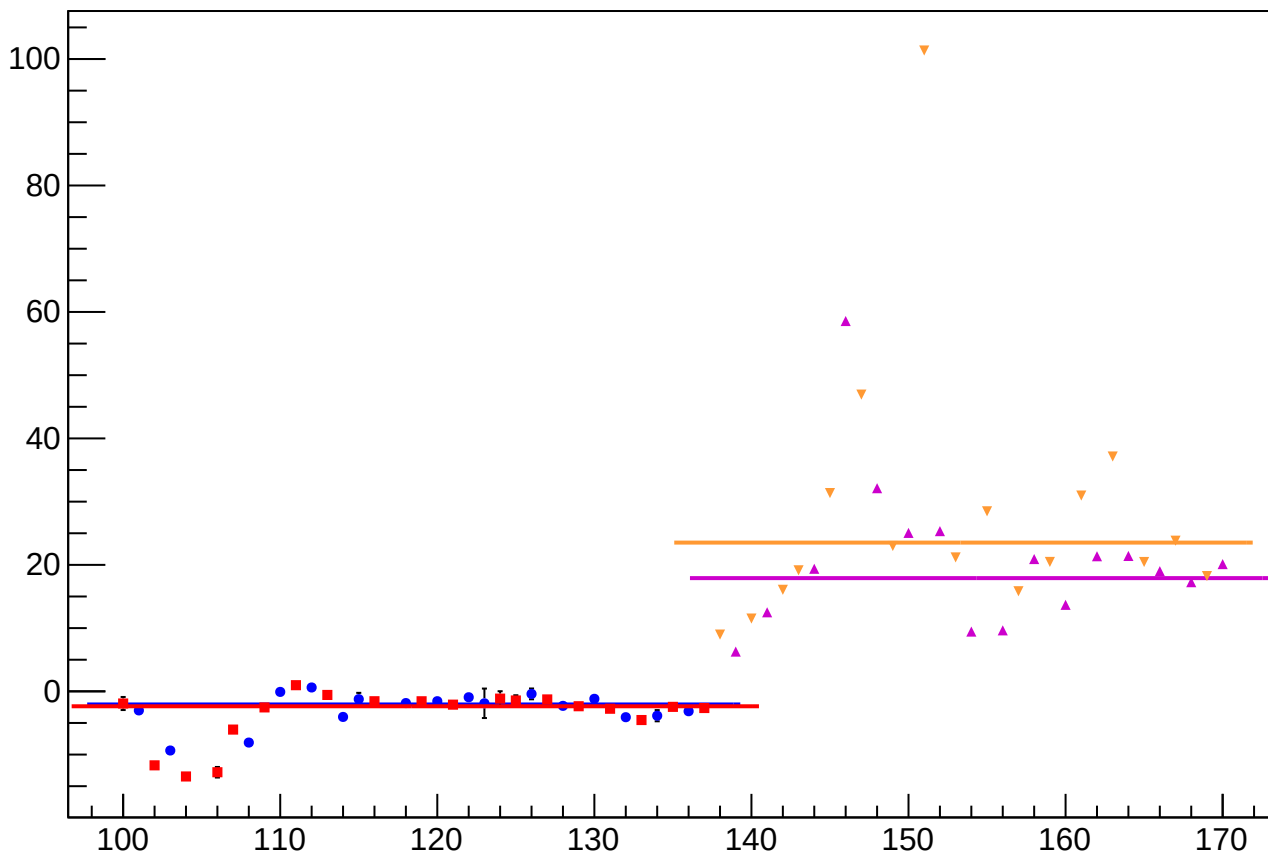
Right: 1.204 $\pm$ 0.042 χ^2 /NDF: 1581.2/35

In: 1.456 $\pm$ 0.031 χ^2 /NDF:2566.3/32

Out: 1.592 $\pm$ 0.034 χ^2 /NDF:3343.3/35

All: 1.518 $\pm$ 0.023 χ^2 /NDF: 5918.1/68

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 23.525 ± 0.057 χ^2/NDF : 51595.9/16

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.906 ± 0.049 χ^2/NDF : 35819.6/15

Left: 20.274 ± 0.037 χ^2/NDF : 93036.8/32

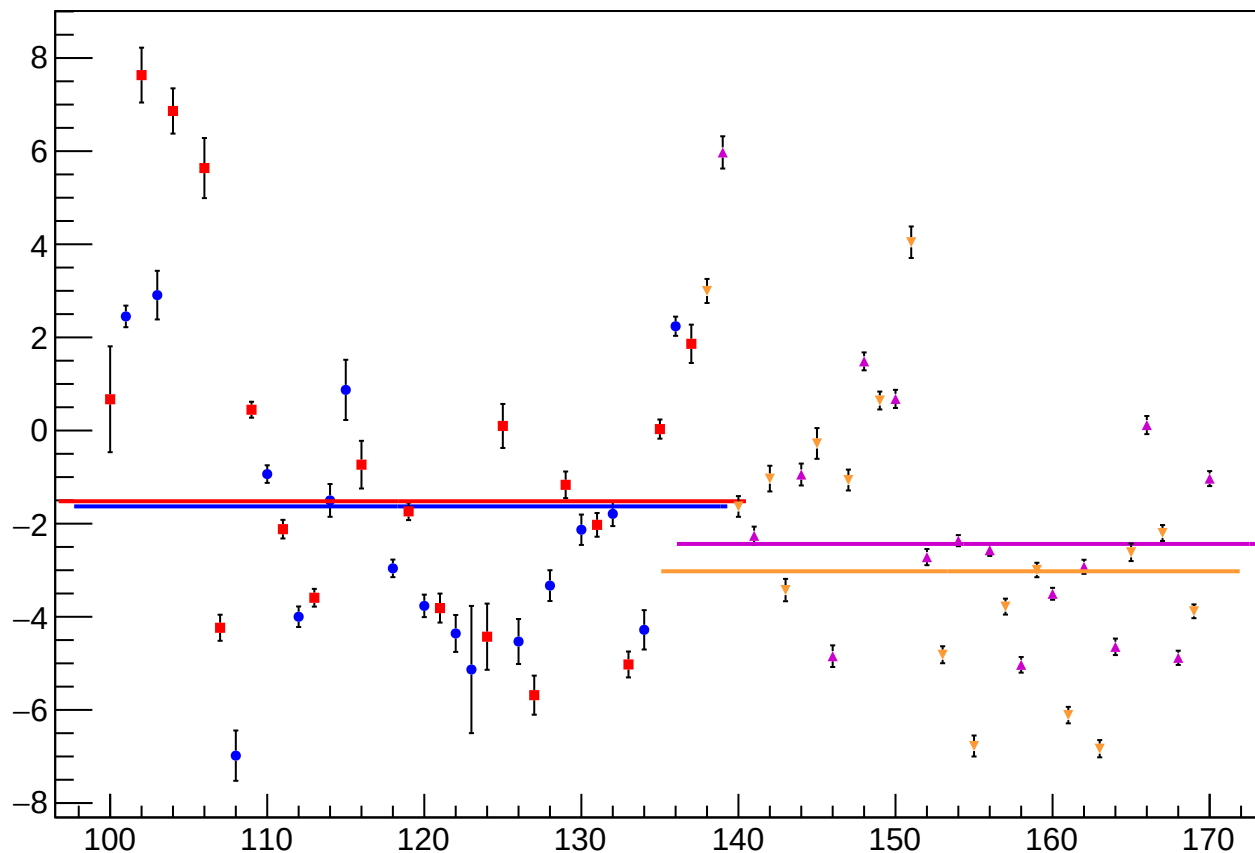
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.651 ± 0.045 χ^2/NDF : 63739.6/32

Out: 17.009 ± 0.049 χ^2/NDF : 104390.8/35

All: 15.710 ± 0.033 χ^2/NDF : 169390.9/68

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -3.022 ± 0.048 χ^2/NDF : 2765.7/16

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.435 ± 0.042 χ^2/NDF : 2391.6/15

Left: -2.685 ± 0.032 χ^2/NDF : 5241.4/32

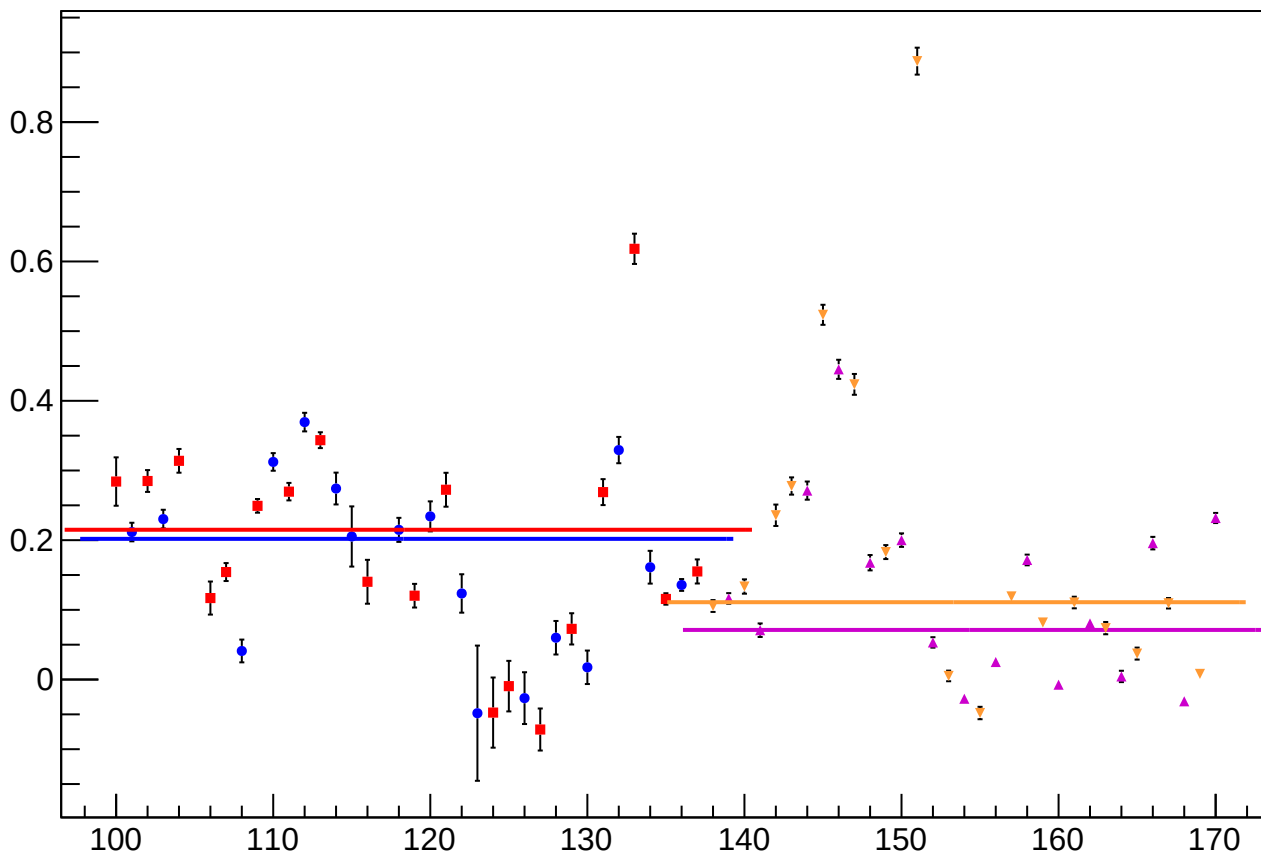
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.224 ± 0.036 χ^2/NDF : 3755.5/32

Out: -2.488 ± 0.039 χ^2/NDF : 4599.2/35

All: -2.345 ± 0.026 χ^2/NDF : 8379.5/68

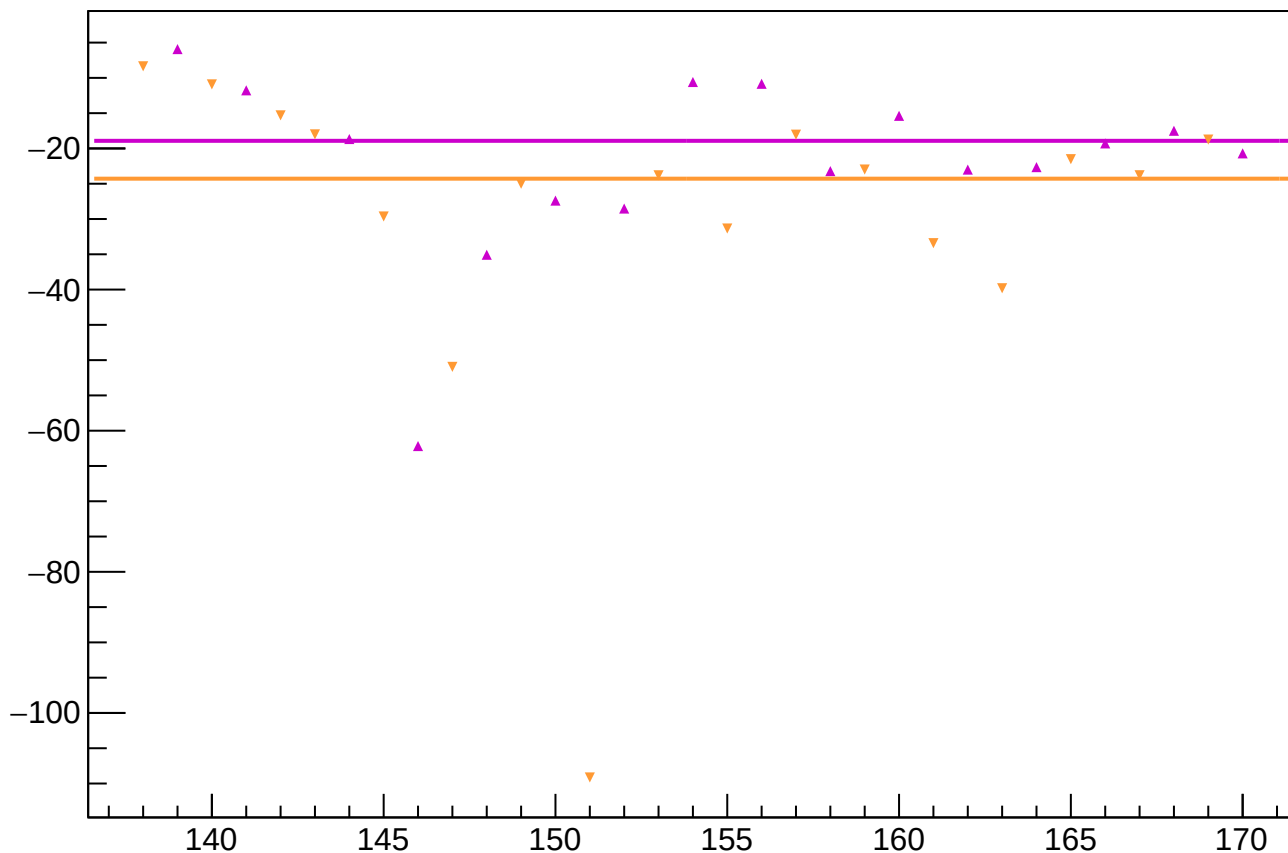
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$
 Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4027.1/16$
 Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$
 Left In: 0.071 ± 0.002 $\chi^2/\text{NDF}: 3161.7/15$

Left: 0.087 ± 0.001 $\chi^2/\text{NDF}: 7384.4/32$
 Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$
 In: 0.093 ± 0.002 $\chi^2/\text{NDF}: 4609.0/32$
 Out: 0.138 ± 0.002 $\chi^2/\text{NDF}: 5624.8/35$
 All: 0.113 ± 0.001 $\chi^2/\text{NDF}: 10565.3/68$

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: -24.284+/-0.058 χ^2/NDF :57695.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Left: -21.216+/-0.038 χ^2/NDF : 100553.8/32

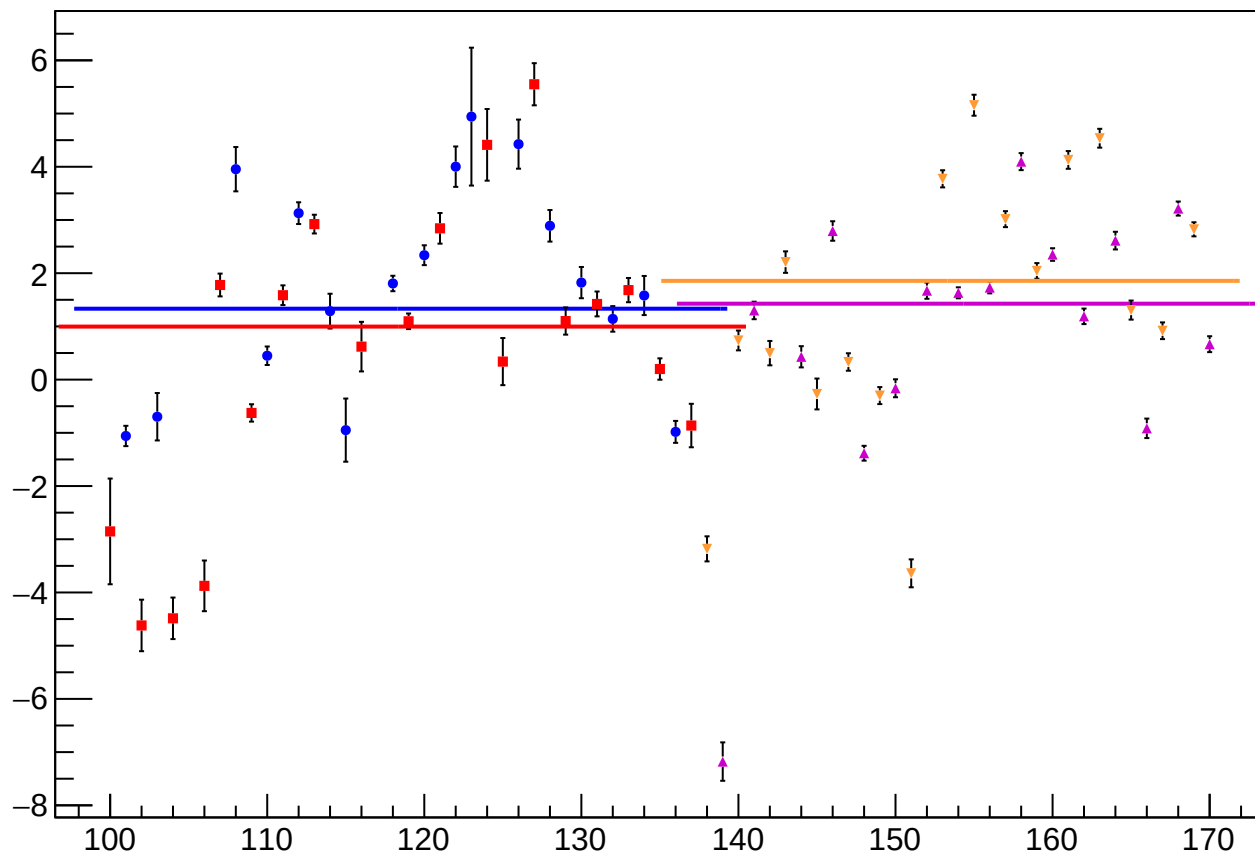
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Out: -24.284+/-0.058 χ^2/NDF :57695.5/16

All: -21.216+/-0.038 χ^2/NDF : 100553.8/32

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: 1.856 ± 0.043 $\chi^2/\text{NDF}: 2289.2/16$

Right Out: 0.997 ± 0.058 $\chi^2/\text{NDF}: 945.3/18$

Left In: 1.427 ± 0.037 $\chi^2/\text{NDF}: 1924.9/15$

Left: 1.610 ± 0.028 $\chi^2/\text{NDF}: 4271.7/32$

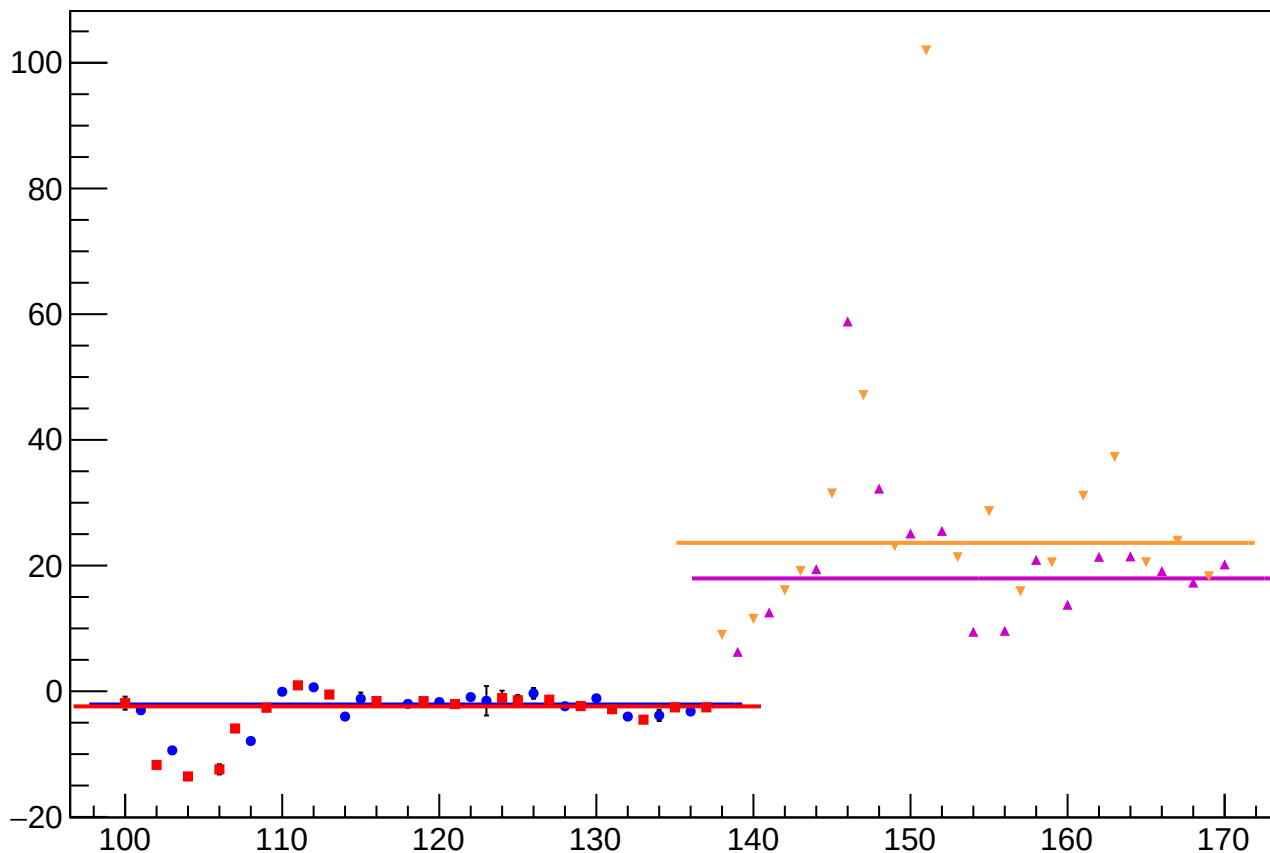
Right: 1.156 ± 0.042 $\chi^2/\text{NDF}: 1595.8/35$

In: 1.402 ± 0.032 $\chi^2/\text{NDF}: 2561.2/32$

Out: 1.553 ± 0.034 $\chi^2/\text{NDF}: 3376.7/35$

All: 1.471 ± 0.023 $\chi^2/\text{NDF}: 5948.3/68$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.617 ± 0.057 χ^2/NDF : 51709.3/16

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.958 ± 0.049 χ^2/NDF : 35891.6/15

Left: 20.341 ± 0.037 χ^2/NDF : 93256.2/32

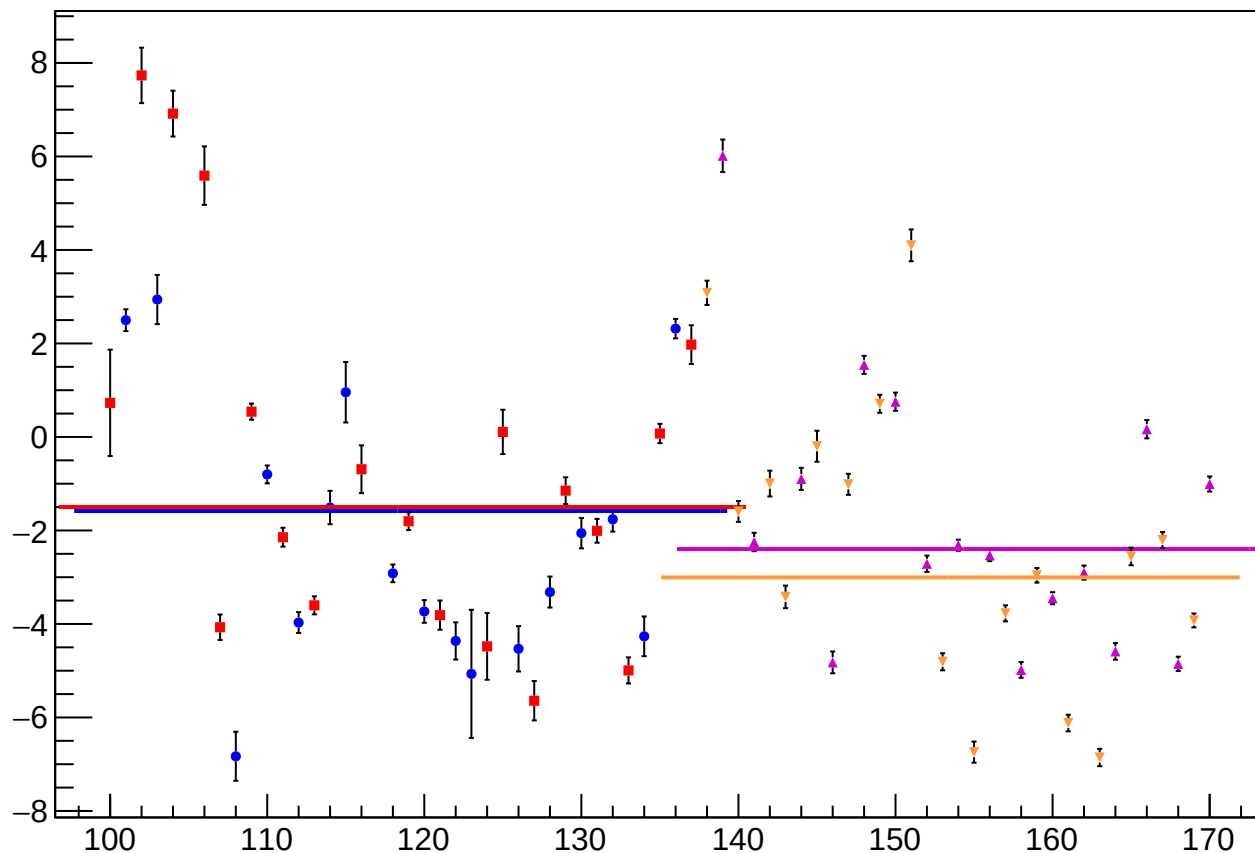
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 14.699 ± 0.045 χ^2/NDF : 63752.5/32

Out: 17.074 ± 0.050 χ^2/NDF : 104546.8/35

All: 15.765 ± 0.033 χ^2/NDF : 169567.3/68

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -3.004 ± 0.049 χ^2/NDF : 2794.4/16

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.398 ± 0.042 χ^2/NDF : 2380.9/15

Left: -2.656 ± 0.032 χ^2/NDF : 5264.5/32

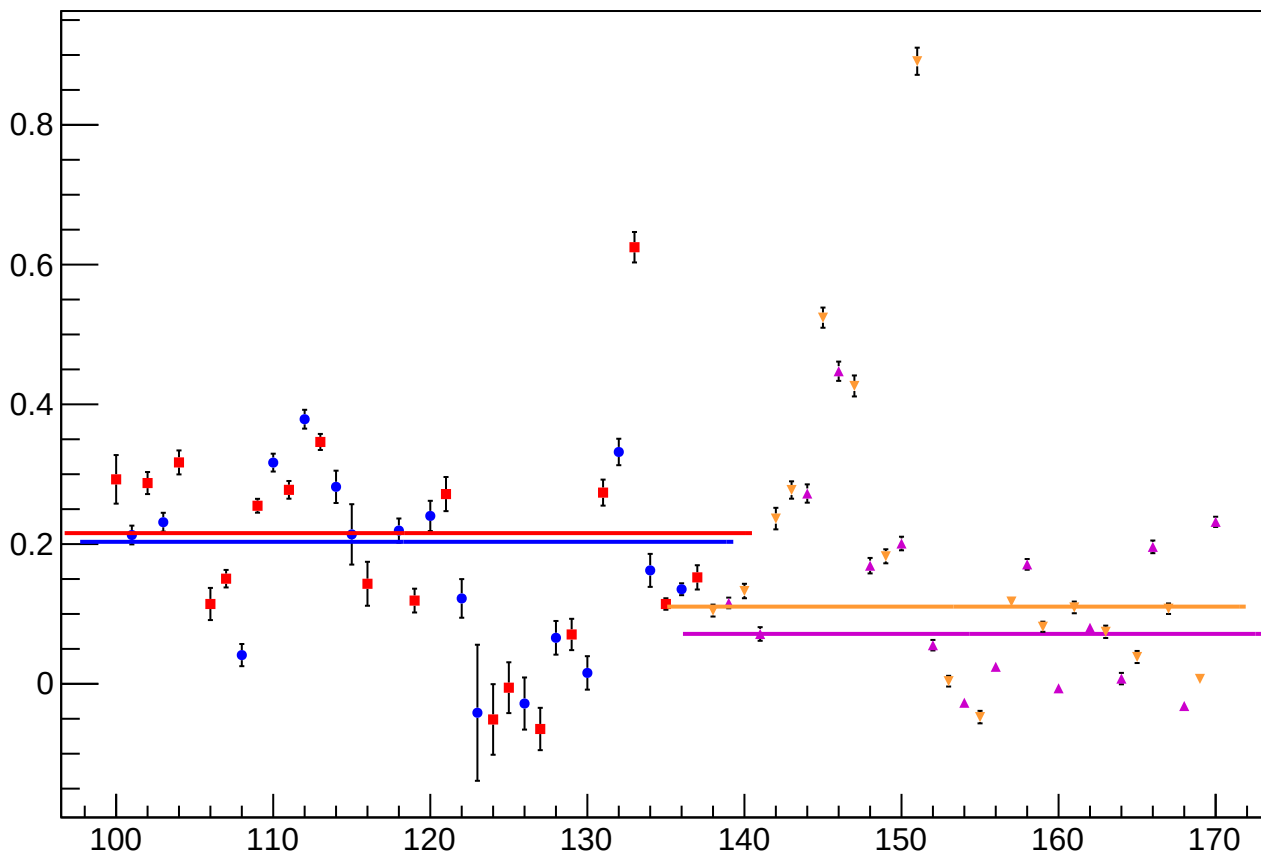
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -2.185 ± 0.036 χ^2/NDF : 3751.5/32

Out: -2.468 ± 0.039 χ^2/NDF : 4638.5/35

All: -2.315 ± 0.026 χ^2/NDF : 8418.4/68

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.110 $\pm$ 0.002 χ^2 /NDF: 4016.4/16

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 3140.6/15

Left: 0.087 $\pm$ 0.001 χ^2 /NDF: 7343.7/32

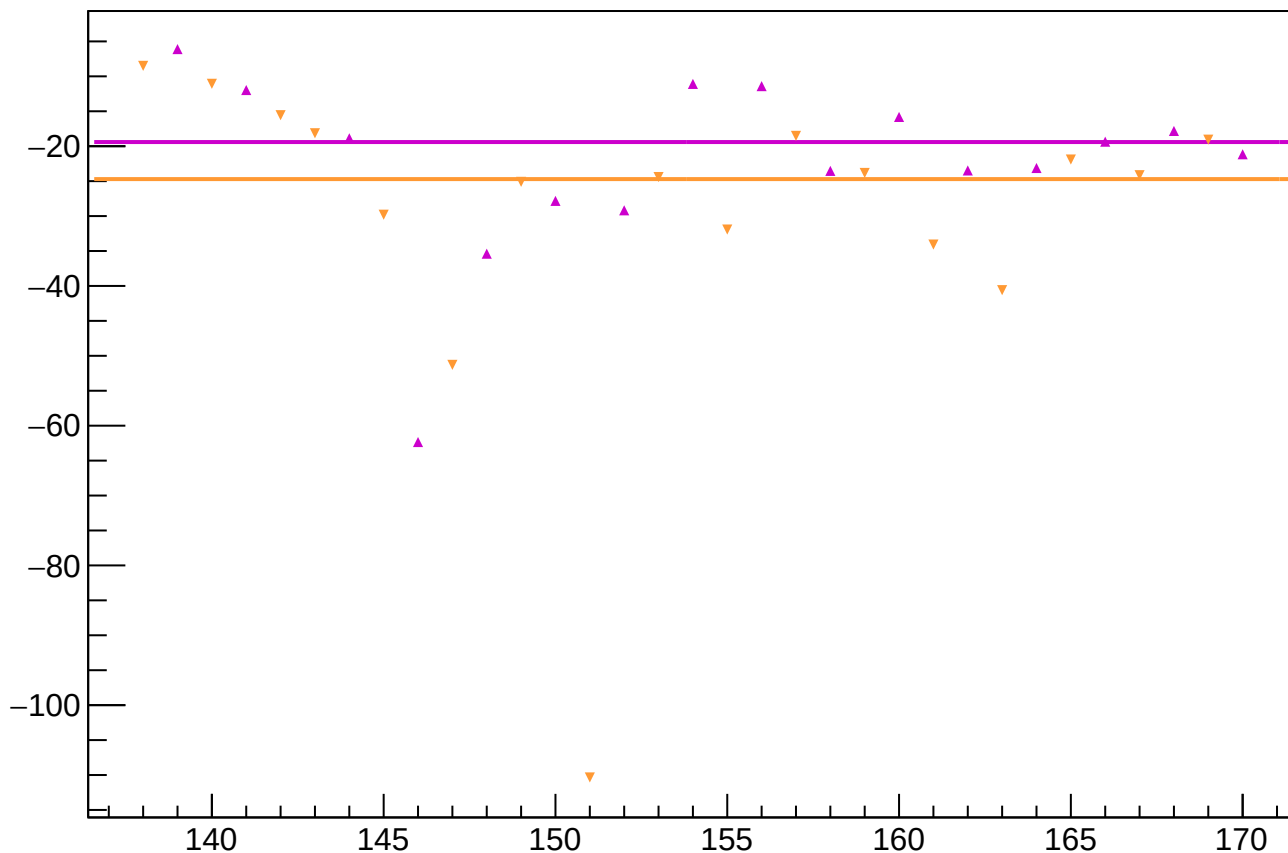
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.093 $\pm$ 0.002 χ^2 /NDF: 4623.9/32

Out: 0.138 $\pm$ 0.002 χ^2 /NDF: 5657.4/35

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10602.9/68

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.707+/-0.059 χ^2/NDF :57601.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.405+/-0.051 χ^2/NDF :36876.5/15

Left: -21.688+/-0.039 χ^2/NDF : 99043.7/32

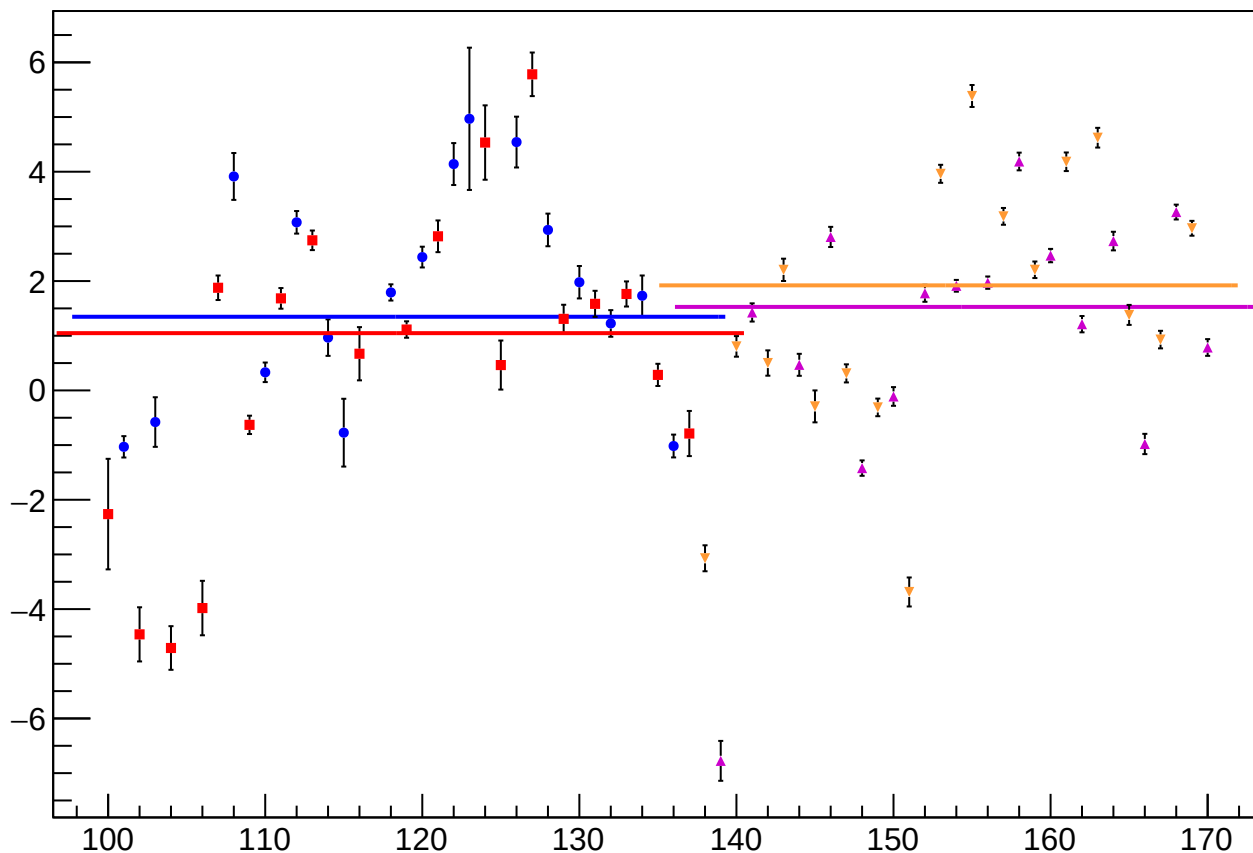
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.051 χ^2/NDF :36876.5/15

Out: -24.707+/-0.059 χ^2/NDF :57601.1/16

All: -21.688+/-0.039 χ^2/NDF : 99043.7/32

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: 1.921 $\pm$ 0.044 χ^2 /NDF:2335.5/16

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.527 $\pm$ 0.038 χ^2 /NDF:1908.4/15

Left: 1.696 $\pm$ 0.029 χ^2 /NDF: 4290.4/32

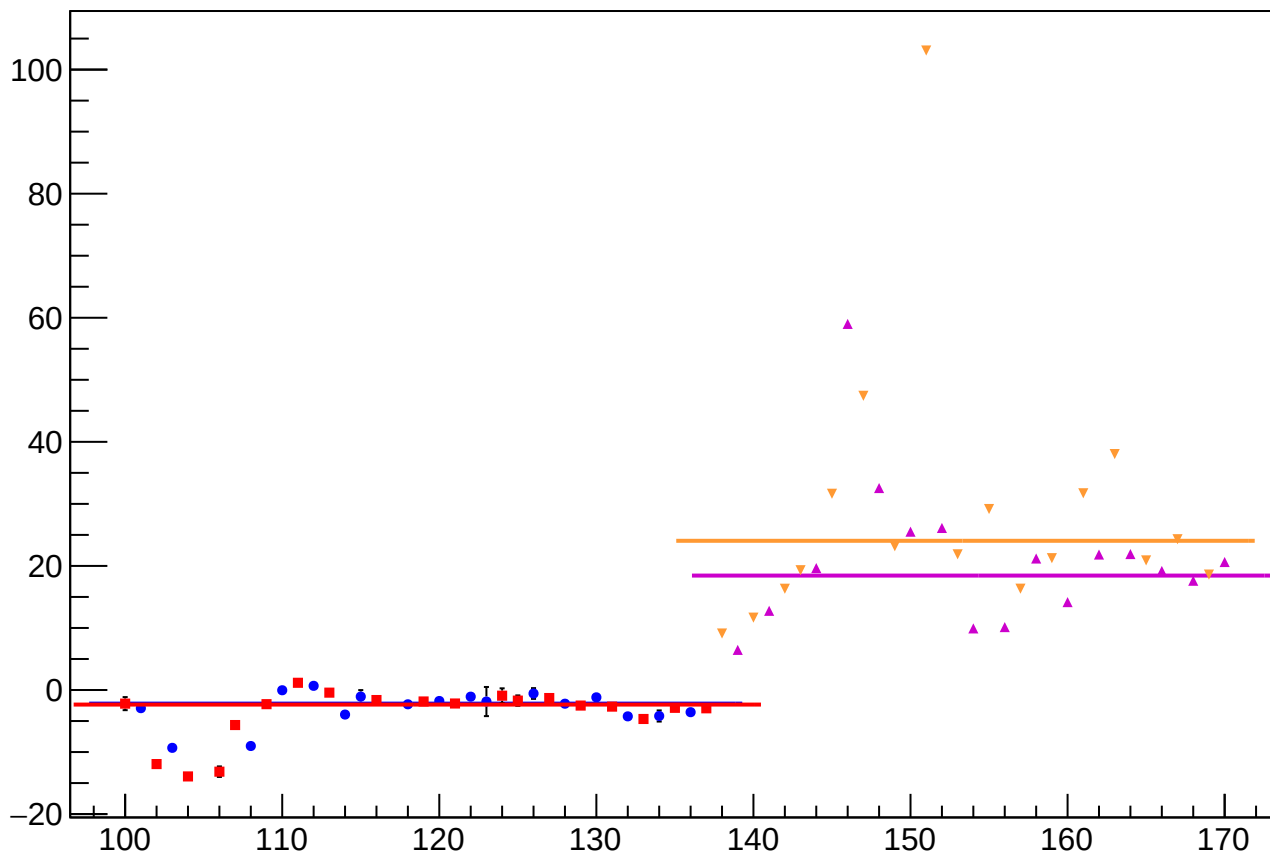
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.479 $\pm$ 0.032 χ^2 /NDF:2544.6/32

Out: 1.614 $\pm$ 0.035 χ^2 /NDF:3392.7/35

All: 1.541 $\pm$ 0.024 χ^2 /NDF: 5945.3/68

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 24.050 ± 0.058 $\chi^2/\text{NDF}: 51475.7/16$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 18.444 ± 0.050 $\chi^2/\text{NDF}: 34650.4/15$

Left: 20.820 ± 0.038 $\chi^2/\text{NDF}: 91446.3/32$

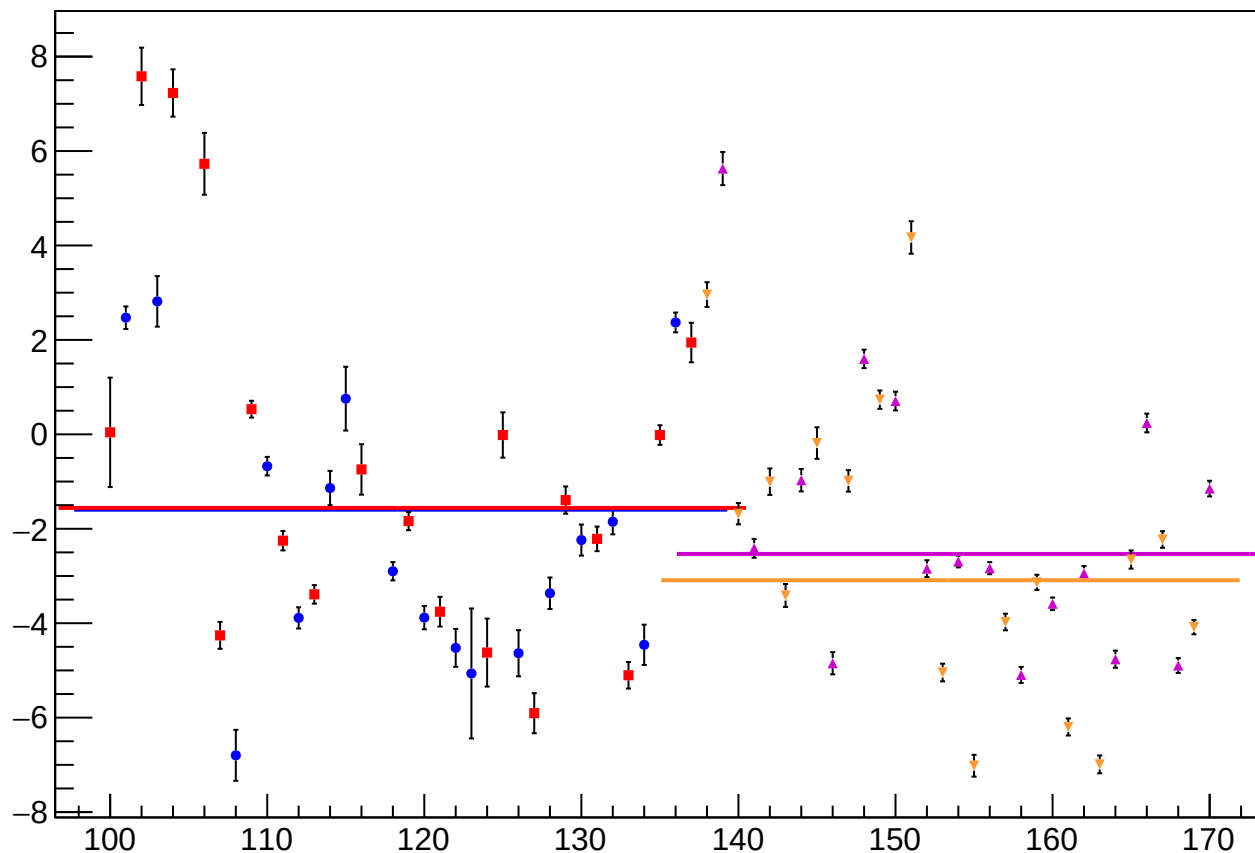
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 15.054 ± 0.046 $\chi^2/\text{NDF}: 63064.6/32$

Out: 17.434 ± 0.050 $\chi^2/\text{NDF}: 103705.6/35$

All: 16.126 ± 0.034 $\chi^2/\text{NDF}: 167990.3/68$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -3.090 ± 0.050 χ^2/NDF : 2838.4/16

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.533 ± 0.043 χ^2/NDF : 2340.2/15

Left: -2.772 ± 0.032 χ^2/NDF : 5250.7/32

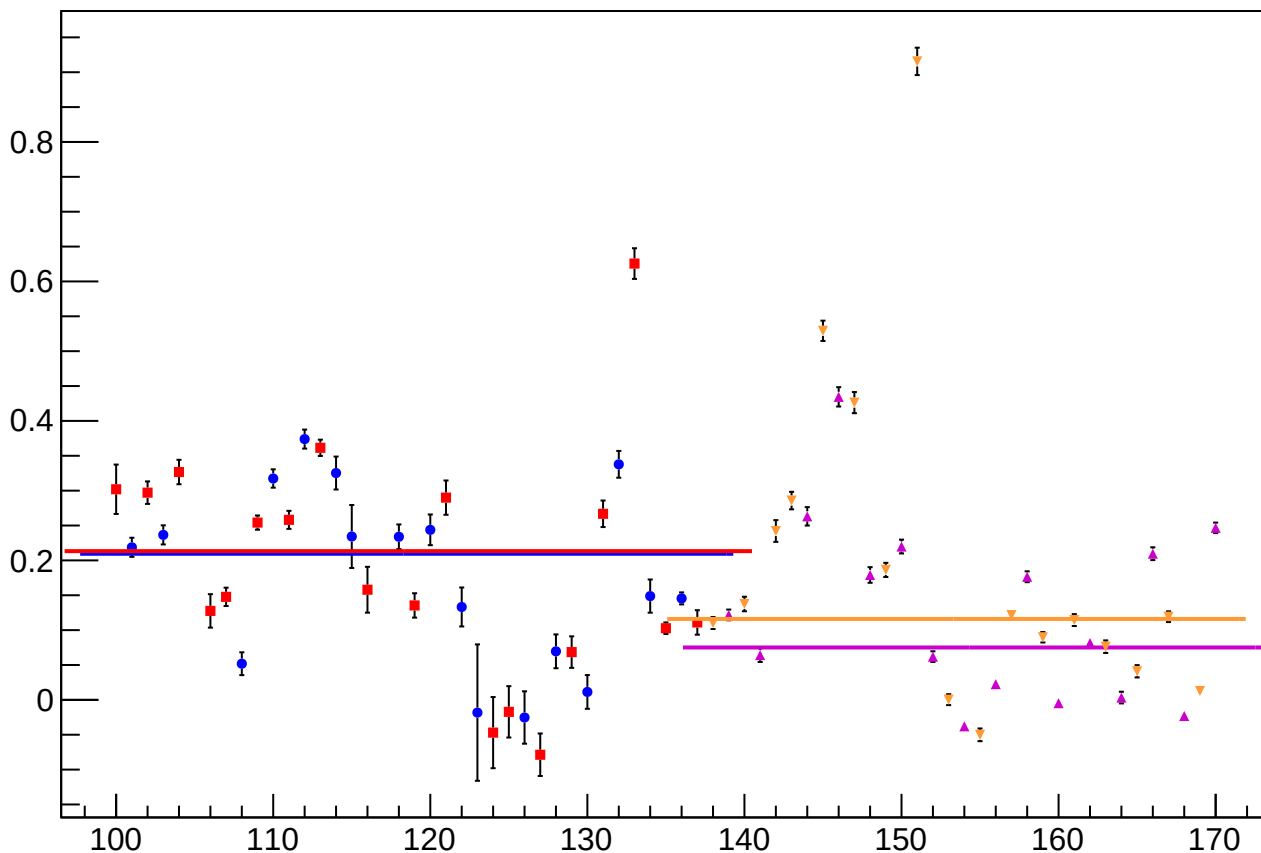
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.285 ± 0.037 χ^2/NDF : 3721.5/32

Out: -2.546 ± 0.040 χ^2/NDF : 4640.8/35

All: -2.405 ± 0.027 χ^2/NDF : 8385.3/68

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: 0.116 $\pm$ 0.002 χ^2 /NDF:4052.5/16

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.075 $\pm$ 0.002 χ^2 /NDF:3221.8/15

Left: 0.092 $\pm$ 0.001 χ^2 /NDF: 7470.9/32

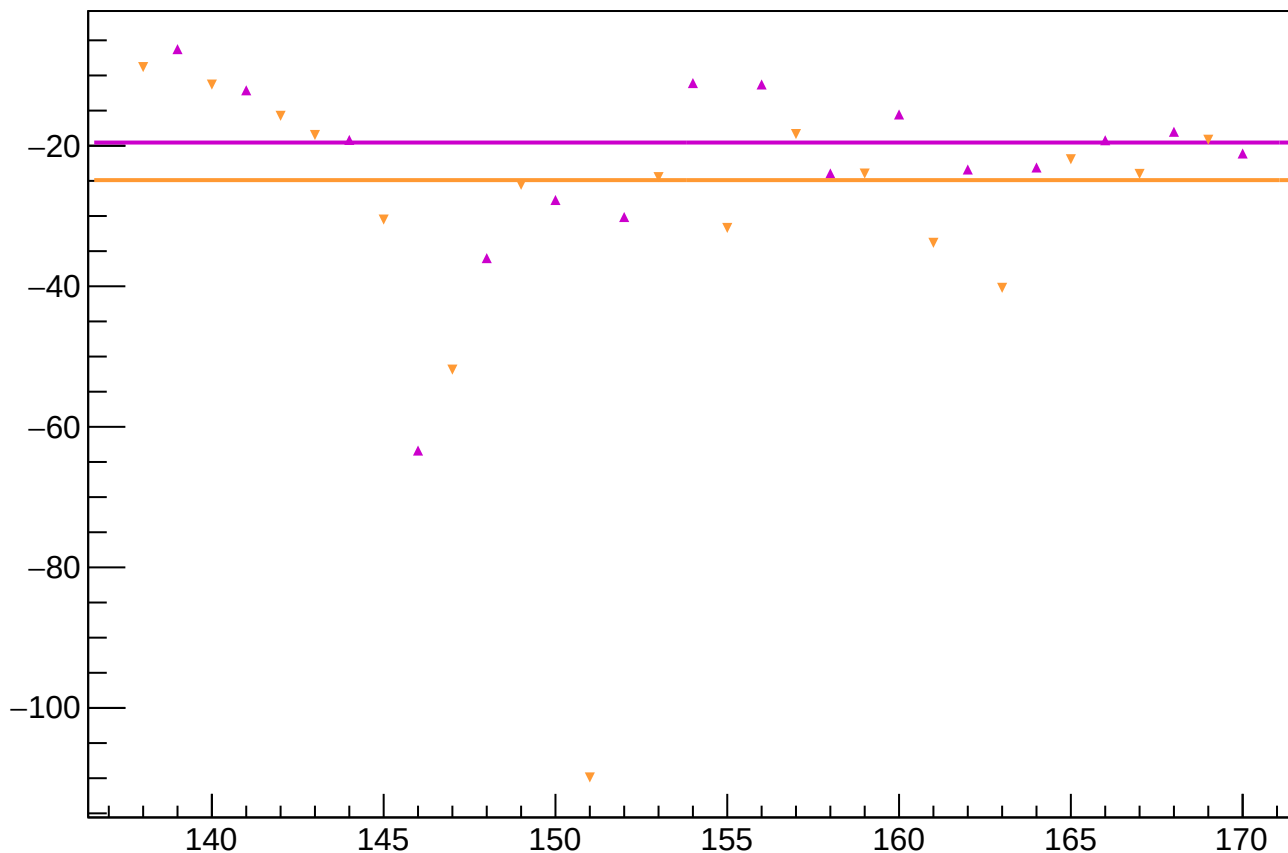
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.097 $\pm$ 0.002 χ^2 /NDF:4671.6/32

Out: 0.142 $\pm$ 0.002 χ^2 /NDF:5650.4/35

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 10617.1/68

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.894+/-0.060 χ^2/NDF :56389.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.546+/-0.052 χ^2/NDF :37108.6/15

Left: -21.858+/-0.039 χ^2/NDF : 98040.6/32

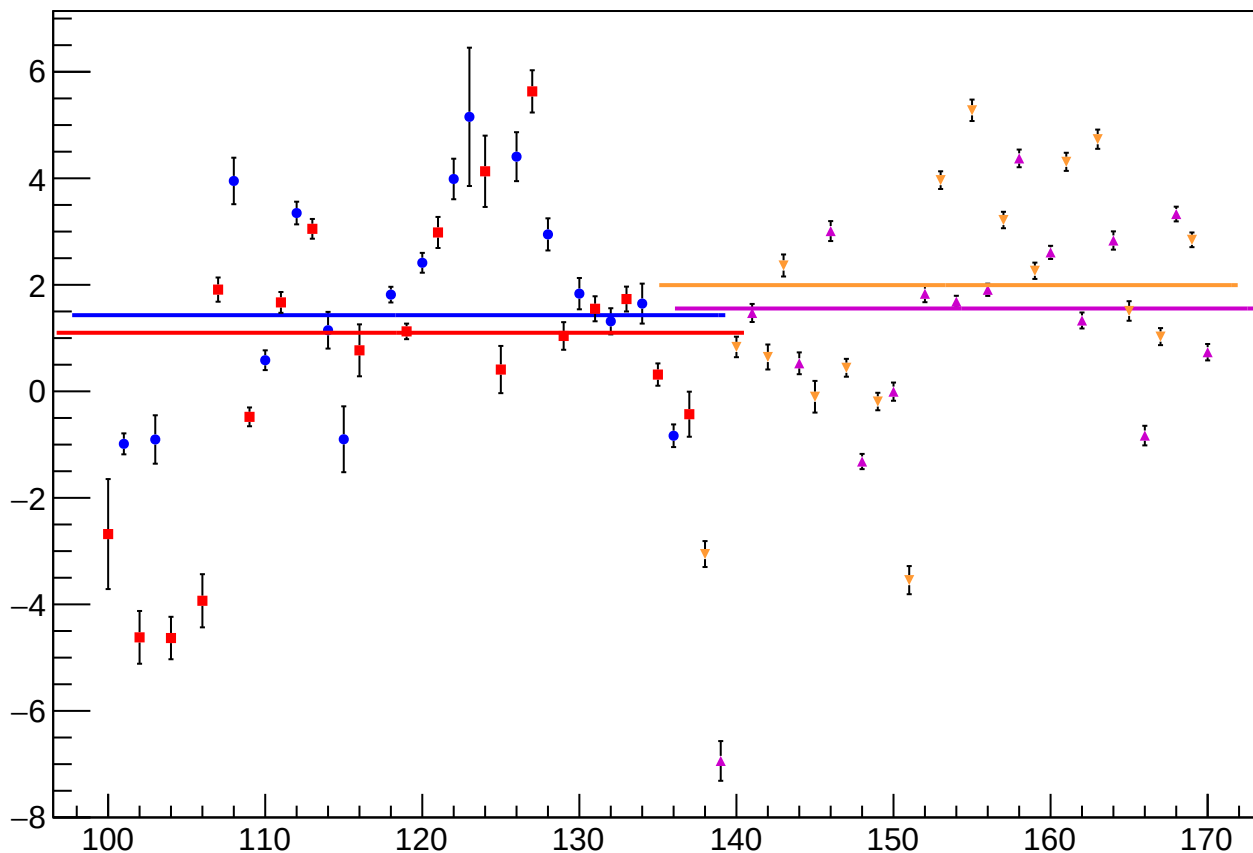
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.546+/-0.052 χ^2/NDF :37108.6/15

Out: -24.894+/-0.060 χ^2/NDF :56389.4/16

All: -21.858+/-0.039 χ^2/NDF : 98040.6/32

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 1.994 ± 0.044 $\chi^2/\text{NDF}: 2224.1/16$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 1.556 ± 0.038 $\chi^2/\text{NDF}: 1885.4/15$

Left: 1.745 ± 0.029 $\chi^2/\text{NDF}: 4165.9/32$

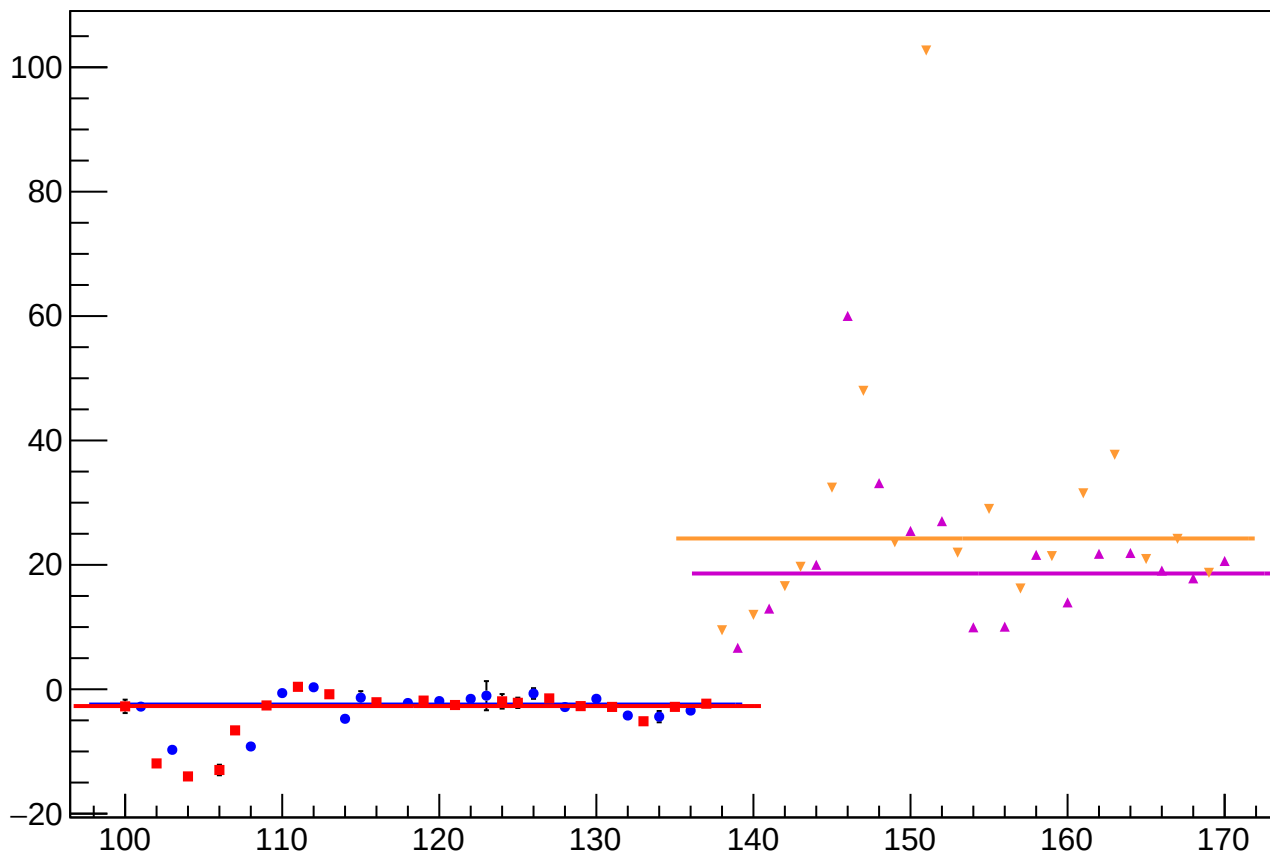
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 1.522 ± 0.033 $\chi^2/\text{NDF}: 2486.3/32$

Out: 1.681 ± 0.035 $\chi^2/\text{NDF}: 3269.8/35$

All: 1.595 ± 0.024 $\chi^2/\text{NDF}: 5767.0/68$

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: 24.243 ± 0.059 χ^2/NDF : 50517.2/16

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.612 ± 0.051 χ^2/NDF : 34912.9/15

Left: 21.010 ± 0.038 χ^2/NDF : 90682.5/32

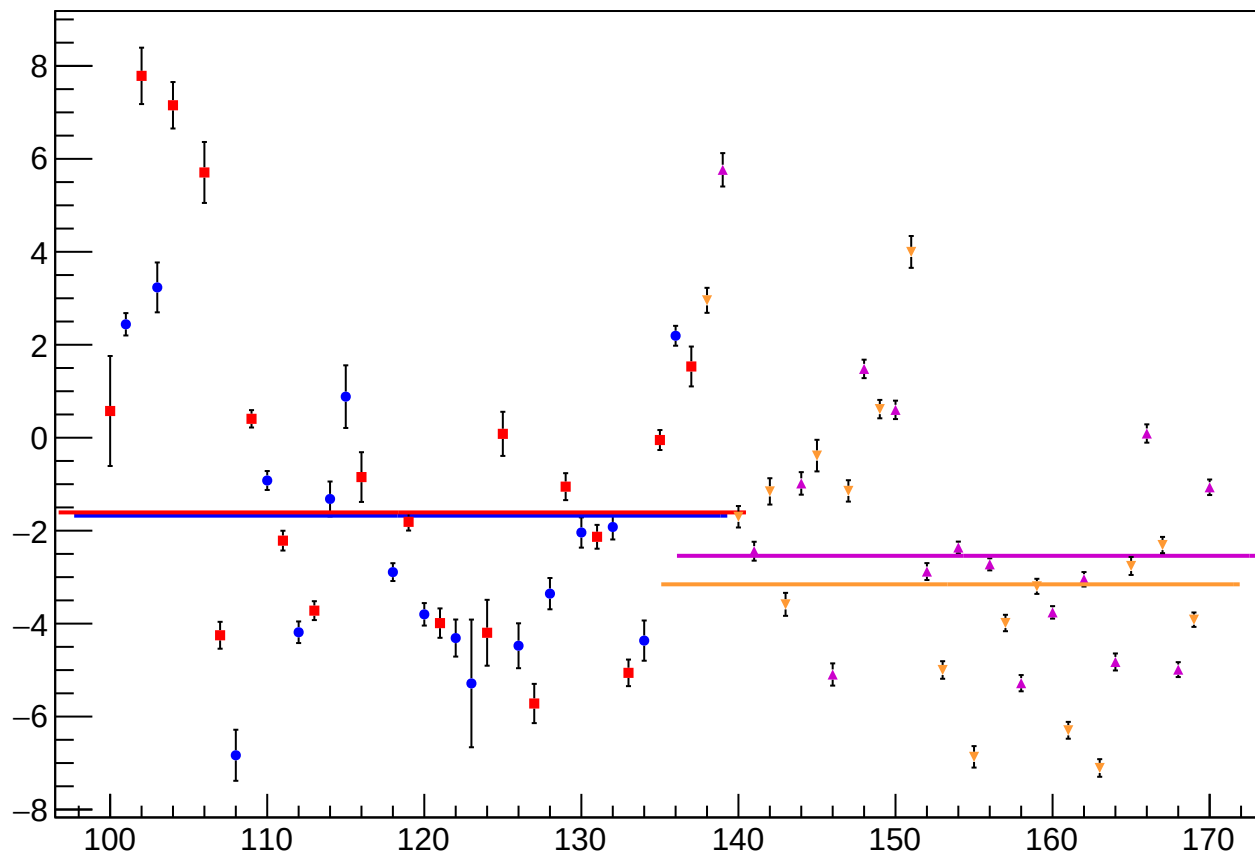
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.161 ± 0.046 χ^2/NDF : 63613.3/32

Out: 17.617 ± 0.051 χ^2/NDF : 102859.2/35

All: 16.270 ± 0.034 χ^2/NDF : 167739.1/68

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: -3.155 ± 0.050 χ^2/NDF : 2712.6/16

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.541 ± 0.044 χ^2/NDF : 2342.6/15

Left: -2.805 ± 0.033 χ^2/NDF : 5140.7/32

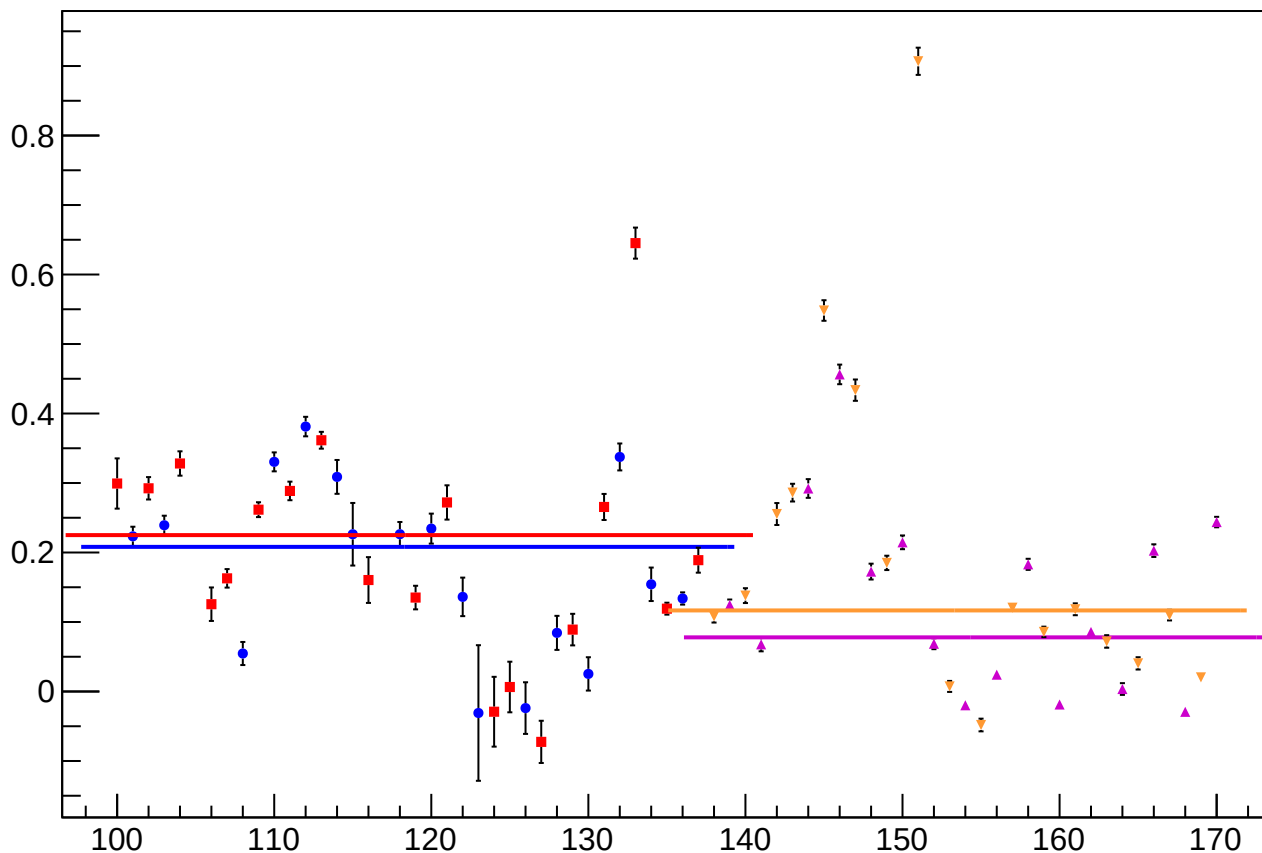
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.312 ± 0.037 χ^2/NDF : 3651.9/32

Out: -2.610 ± 0.040 χ^2/NDF : 4479.8/35

All: -2.449 ± 0.027 χ^2/NDF : 8161.1/68

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2/NDF : 600.2/16
 Left Out: 0.117 $\pm$ 0.002 χ^2/NDF :4027.1/16
 Right Out: 0.225 $\pm$ 0.004 χ^2/NDF : 1000.0/18
 Left In: 0.078 $\pm$ 0.002 χ^2/NDF :3191.4/15

Left: 0.094 $\pm$ 0.001 χ^2/NDF : 7390.7/32
 Right: 0.217 $\pm$ 0.003 χ^2/NDF : 1609.0/35
 In: 0.099 $\pm$ 0.002 χ^2/NDF :4570.0/32
 Out: 0.145 $\pm$ 0.002 χ^2/NDF :5620.9/35
 All: 0.119 $\pm$ 0.001 χ^2/NDF : 10490.7/68