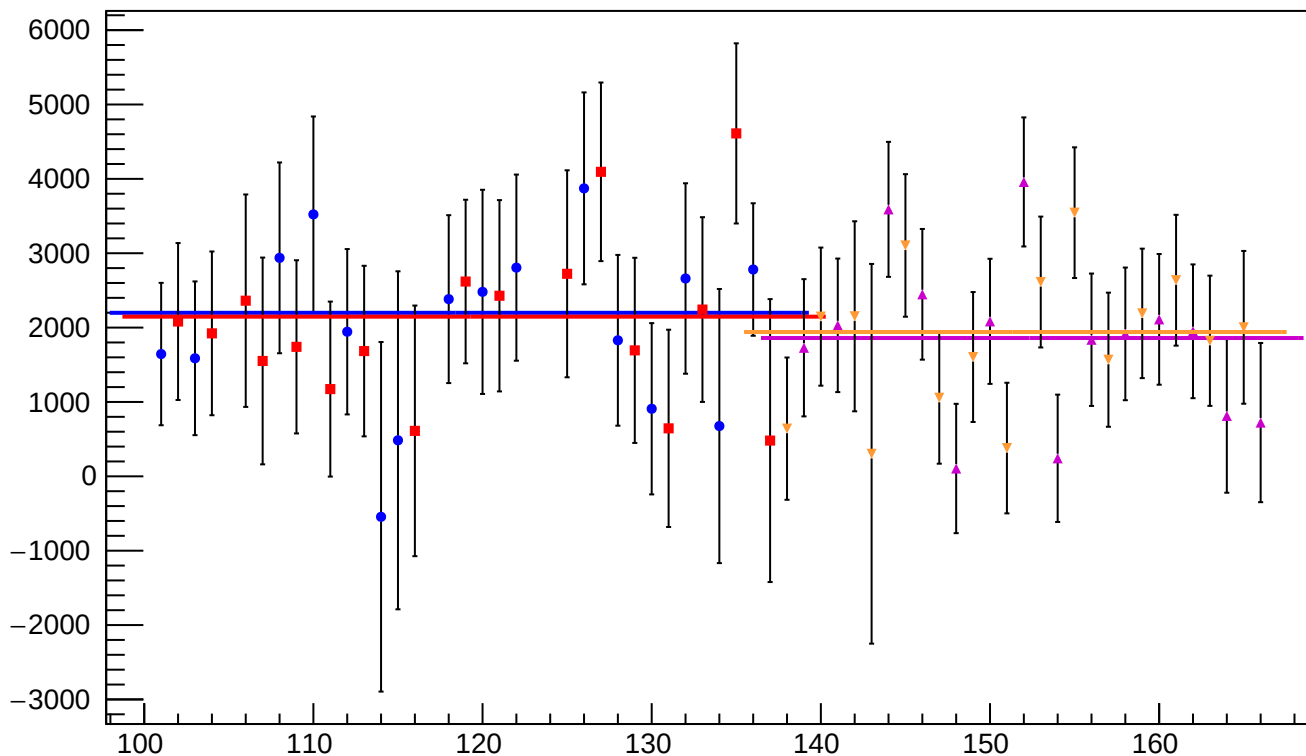


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1940.772+/-244.953

Right Out: 2147.149+/-304.804

Left In: 1859.828+/-241.028

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/14

χ^2/NDF : 11.4/16

χ^2/NDF : 20.0/13

Left: 1899.646+/-171.803

Right: 2172.848+/-216.219

In: 1989.243+/-189.525

Out: 2021.756+/-190.936

All: 2005.379+/-134.511

χ^2/NDF : 32.9/28

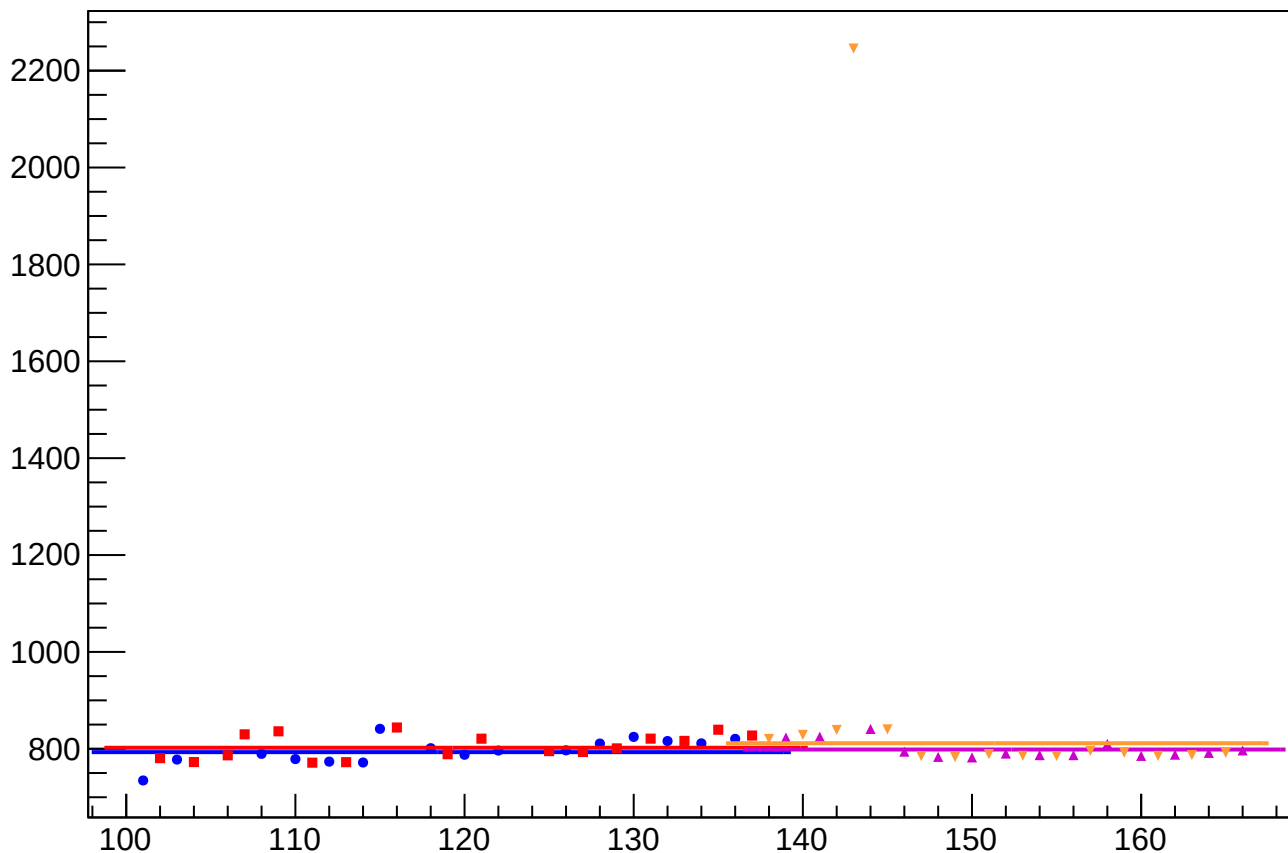
χ^2/NDF : 20.0/32

χ^2/NDF : 29.3/29

χ^2/NDF : 24.6/31

χ^2/NDF : 53.9/61

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 811.477+/-0.173 χ^2/NDF : 649115.3/14

Right Out: 802.148+/-0.216 χ^2/NDF : 12723.5/16

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

Left: 804.880+/-0.121 χ^2/NDF : 662994.4/28

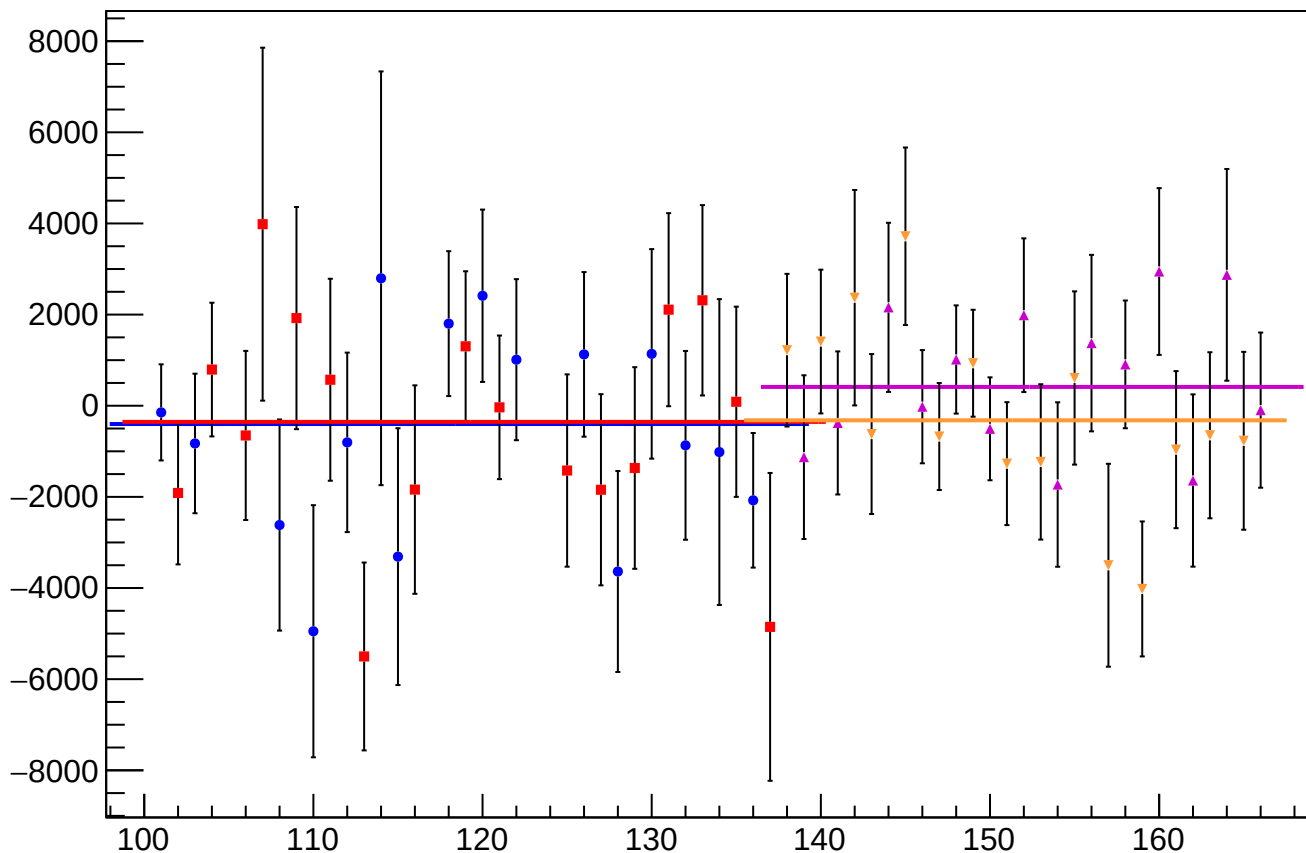
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

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

Out: 807.816+/-0.135 χ^2/NDF : 662977.2/31

All: 802.081+/-0.095 χ^2/NDF : 692669.6/61

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -319.906 $\pm$ 418.627 χ^2/NDF : 18.4/14

Right Out: -354.462 $\pm$ 486.525 χ^2/NDF : 17.4/16

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

Left: 45.935 $\pm$ 296.205 χ^2/NDF : 29.8/28

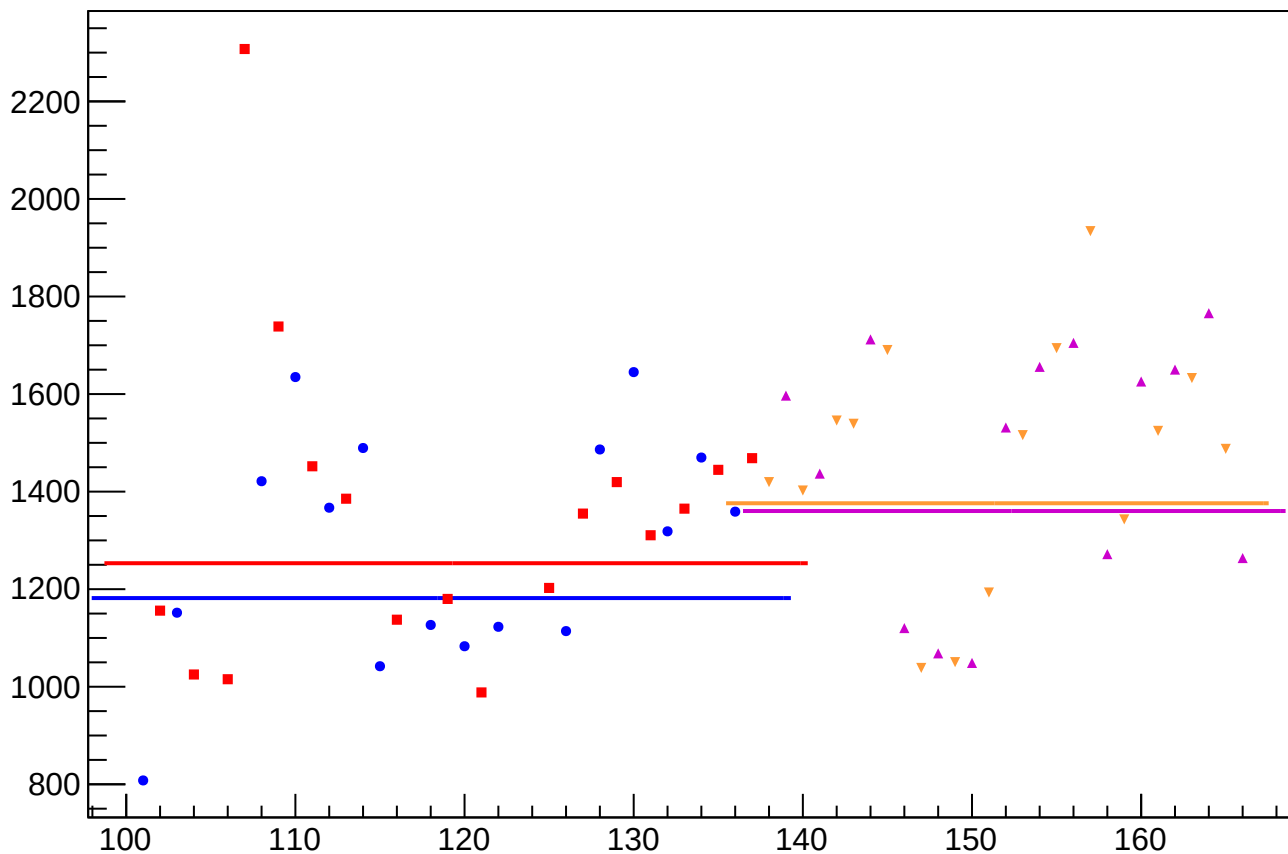
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

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

Out: -334.606 $\pm$ 317.327 χ^2/NDF : 35.9/31

All: -138.869 $\pm$ 222.635 χ^2/NDF : 63.0/61

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1376.152 $\pm$ 0.296 χ^2 /NDF: 694755.7/14

Right Out: 1253.221 $\pm$ 0.344 χ^2 /NDF: 455640.3/16

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

Left: 1368.210 $\pm$ 0.209 χ^2 /NDF: 1457339.5/28

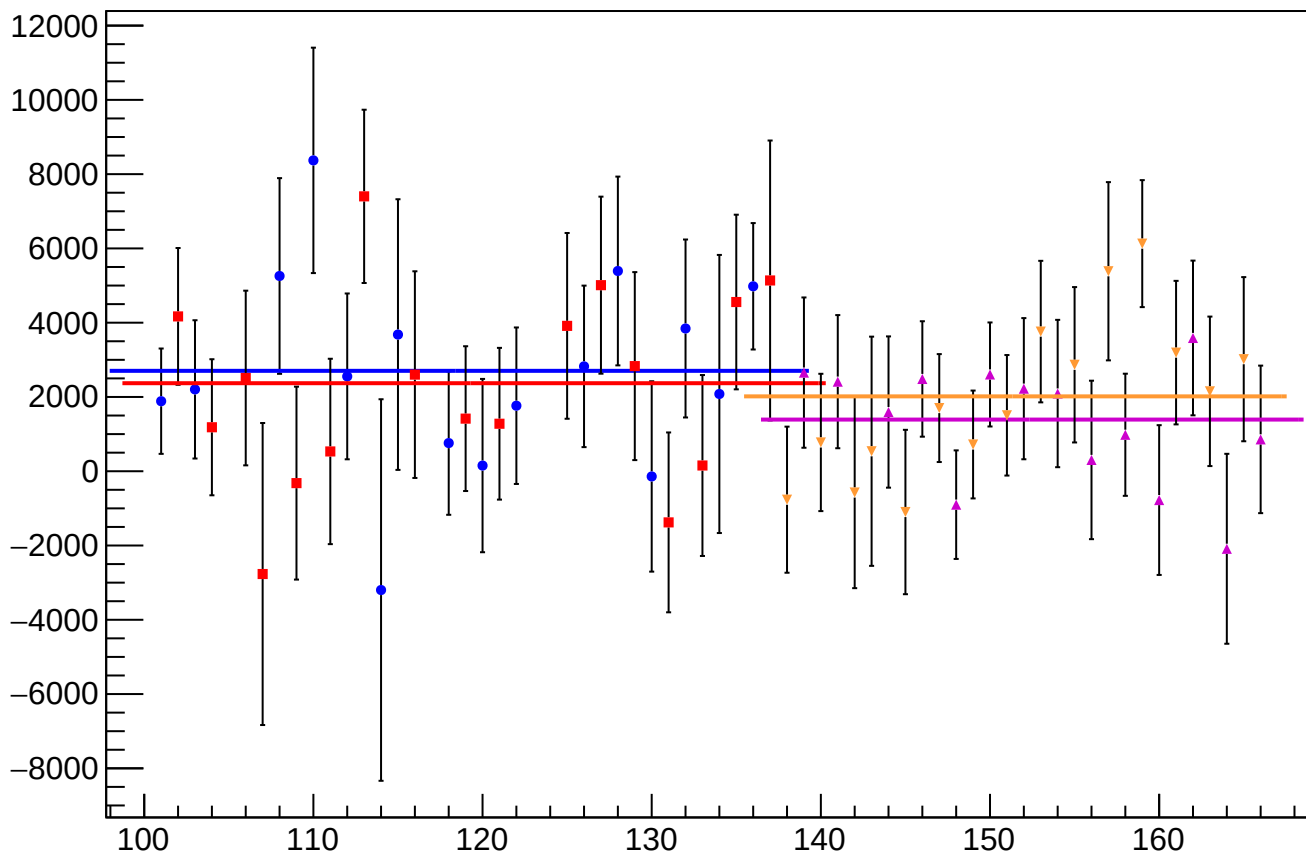
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

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

Out: 1323.857 $\pm$ 0.224 χ^2 /NDF: 1223763.8/31

All: 1302.058 $\pm$ 0.157 χ^2 /NDF: 2708133.1/63

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 2016.068 $\pm$ 495.220 χ^2 /NDF:16.0/14

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

Left In: 1391.117 $\pm$ 488.444 χ^2 /NDF:9.3/13

Left: 1699.288 $\pm$ 347.753 χ^2 /NDF: 26.0/28

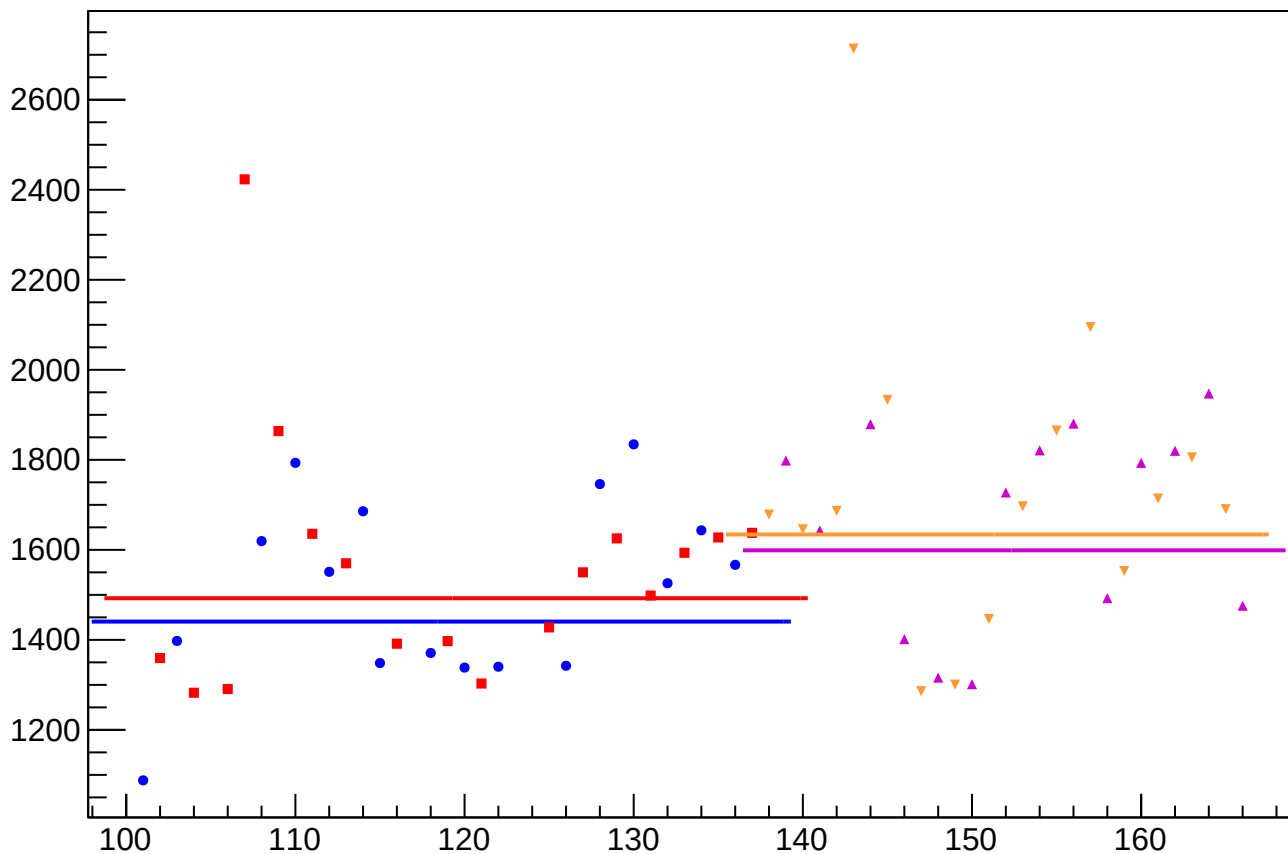
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 1953.080 $\pm$ 369.369 χ^2 /NDF:25.4/29

Out: 2167.517 $\pm$ 374.813 χ^2 /NDF:32.2/31

All: 2058.730 $\pm$ 263.087 χ^2 /NDF: 57.8/61

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1634.117+/-0.350 χ^2/NDF : 654396.0/14

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1598.917+/-0.345 χ^2/NDF : 419093.1/13

Left: 1616.274+/-0.246 χ^2/NDF : 1078611.1/28

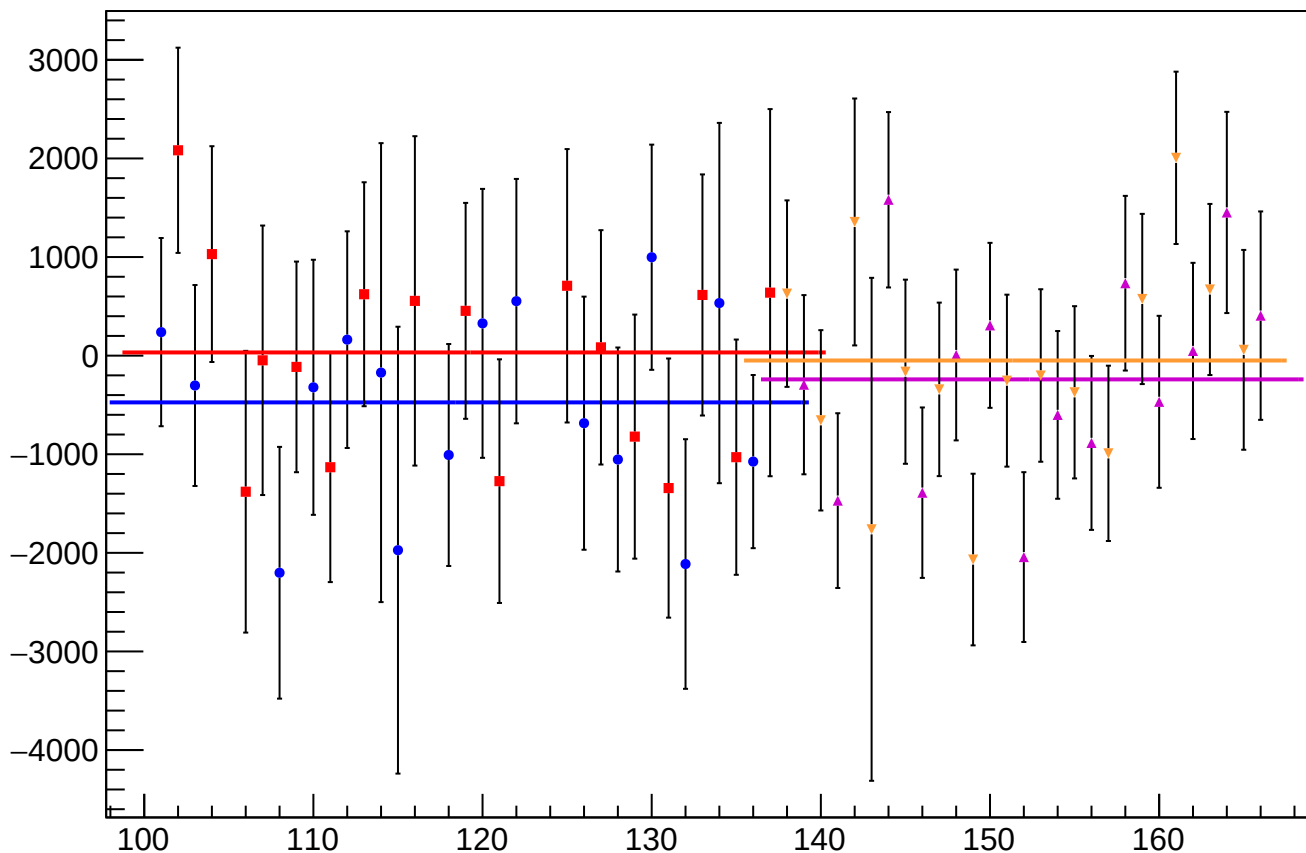
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1531.158+/-0.261 χ^2/NDF : 791253.5/29

Out: 1573.636+/-0.265 χ^2/NDF : 975737.2/31

All: 1552.086+/-0.186 χ^2/NDF : 1780023.0/63

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -49.200 $\pm$ 242.426 χ^2/NDF :16.3/14

Right Out: 32.454 $\pm$ 299.611 χ^2/NDF : 11.3/16

Left In: -240.757 $\pm$ 238.617 χ^2/NDF :18.0/13

Left: -146.495 $\pm$ 170.058 χ^2/NDF : 34.6/28

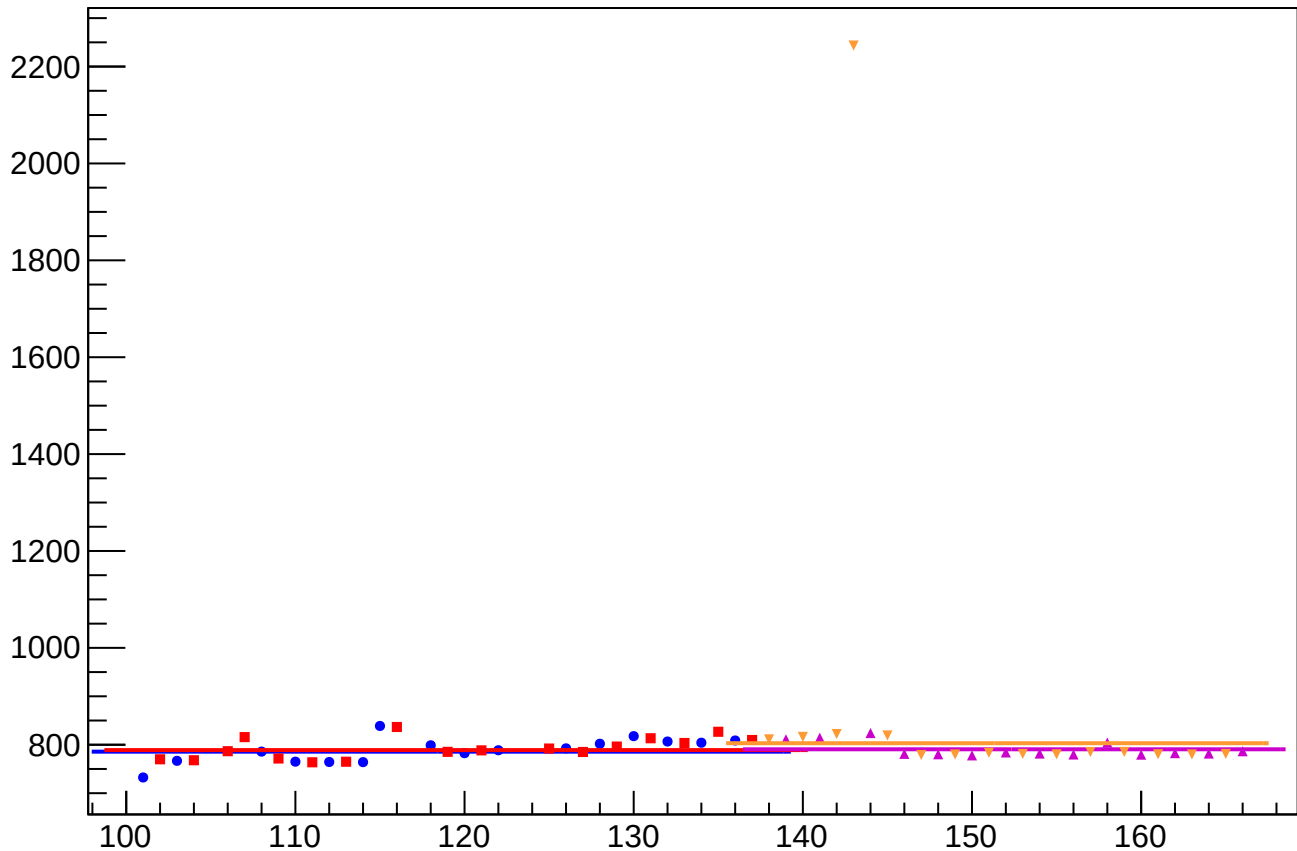
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -329.759 $\pm$ 187.681 χ^2/NDF :27.2/29

Out: -16.893 $\pm$ 188.460 χ^2/NDF :27.6/31

All: -173.974 $\pm$ 132.985 χ^2/NDF : 56.2/61

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 803.171 $\pm$ 0.171 χ^2 /NDF: 651382.0/14

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

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

Left: 796.792 $\pm$ 0.120 χ^2 /NDF: 662171.5/28

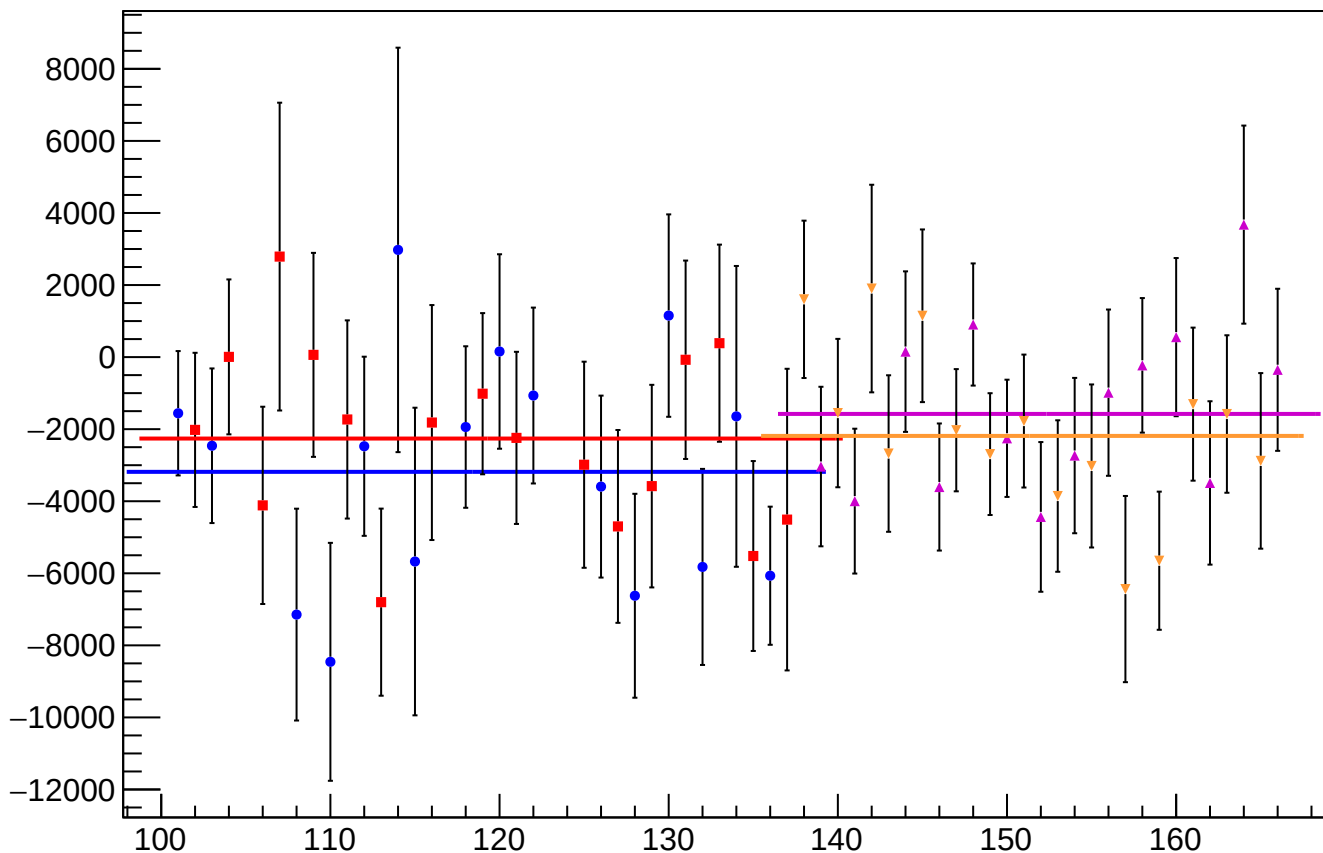
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

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

Out: 797.540 $\pm$ 0.133 χ^2 /NDF: 663633.8/31

All: 793.130 $\pm$ 0.094 χ^2 /NDF: 688117.5/61

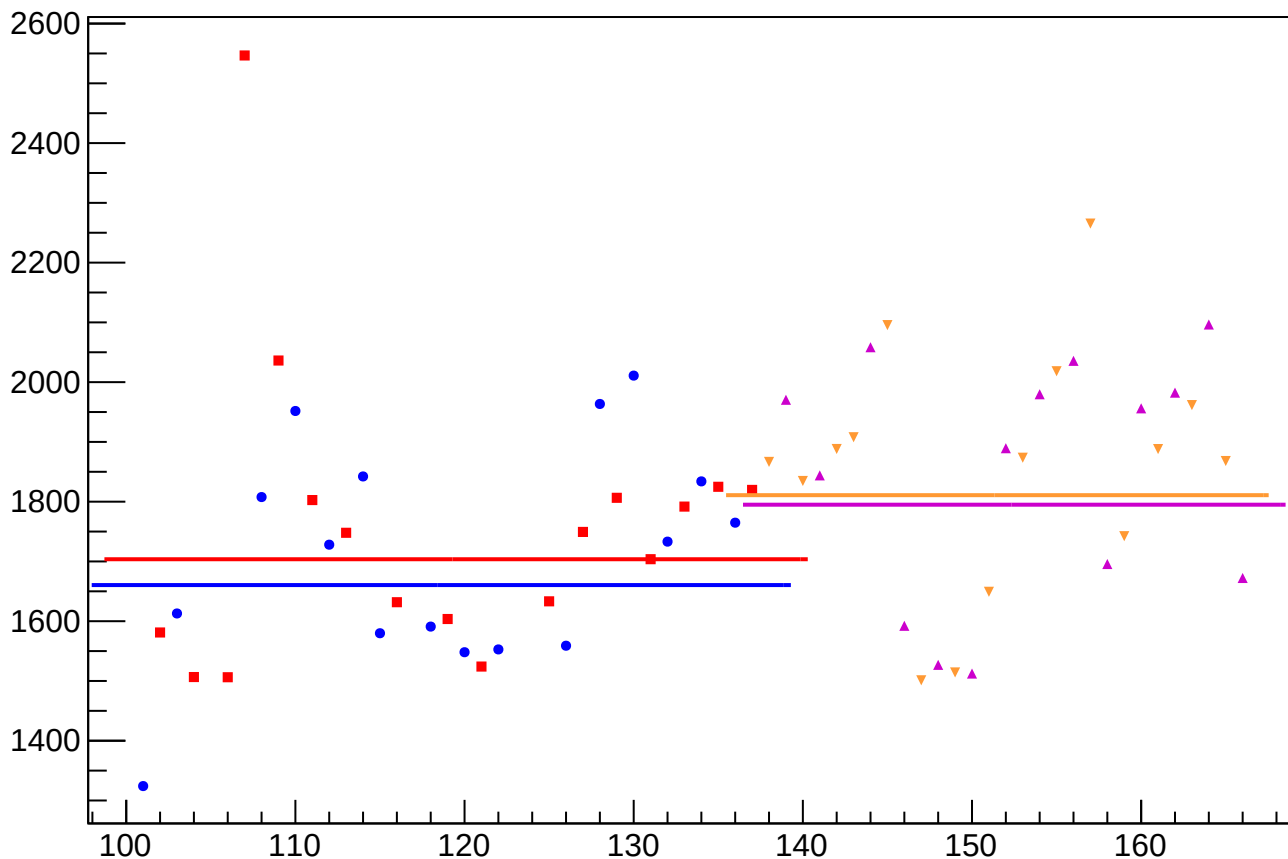
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2187.123 $\pm$ 543.389 χ^2 /NDF:14.3/14
 Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16
 Left In: -1576.875 $\pm$ 546.045 χ^2 /NDF:14.5/13

Left: -1883.487 $\pm$ 385.170 χ^2 /NDF: 29.5/28
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -2245.191 $\pm$ 417.390 χ^2 /NDF:34.9/29
 Out: -2217.096 $\pm$ 417.414 χ^2 /NDF:25.9/31
 All: -2231.144 $\pm$ 295.148 χ^2 /NDF: 60.8/61

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1810.884 $\pm$ 0.384 χ^2 /NDF: 275121.3/14

Right Out: 1703.679 $\pm$ 0.461 χ^2 /NDF: 171025.5/16

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

Left: 1802.950 $\pm$ 0.272 χ^2 /NDF: 555146.5/28

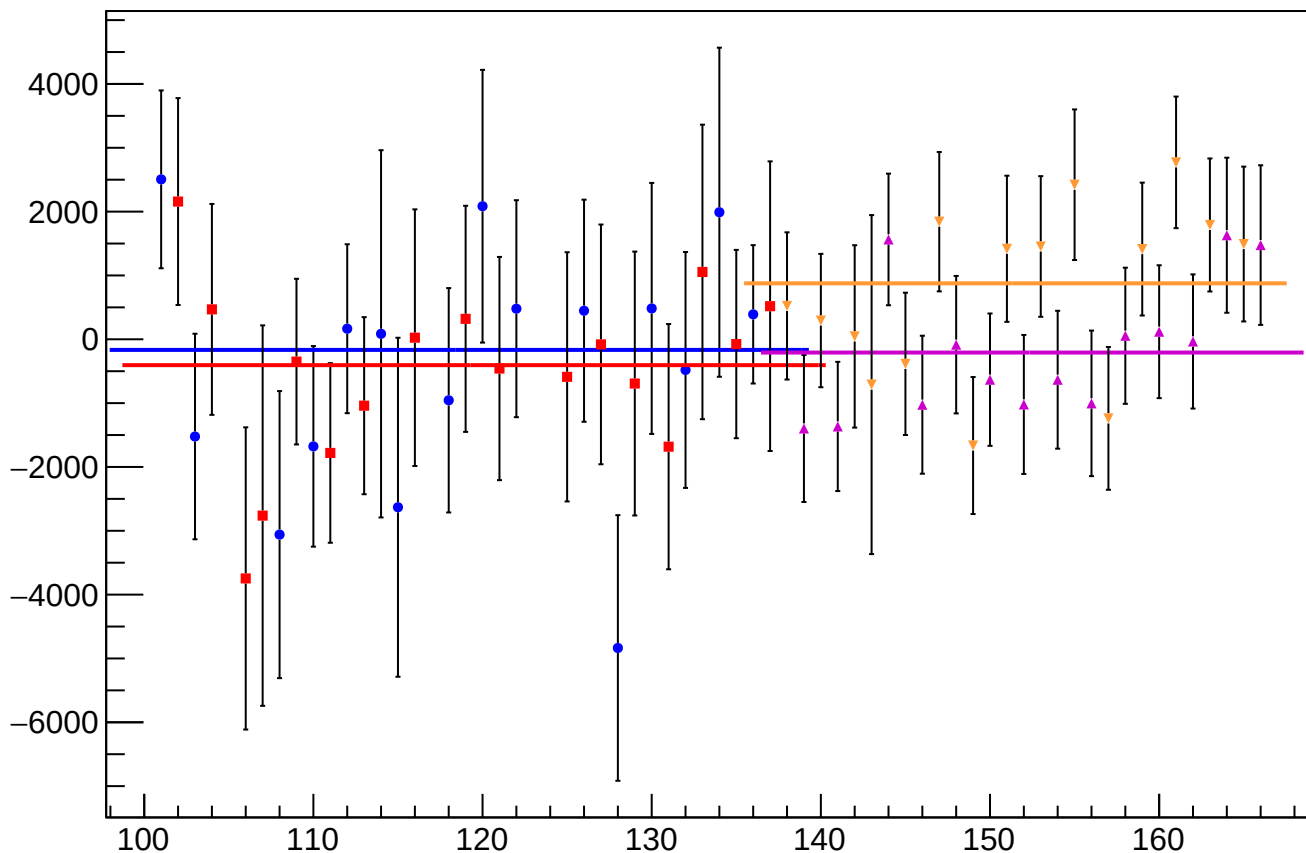
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

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

Out: 1766.939 $\pm$ 0.295 χ^2 /NDF: 478057.2/31

All: 1752.986 $\pm$ 0.209 χ^2 /NDF: 991326.4/61

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 876.816+/-296.388 χ^2/NDF : 19.2/14

Right Out: -405.286+/-428.618 χ^2/NDF : 7.9/16

Left In: -207.723+/-290.920 χ^2/NDF : 11.6/13

Left: 324.452+/-207.618 χ^2/NDF : 37.6/28

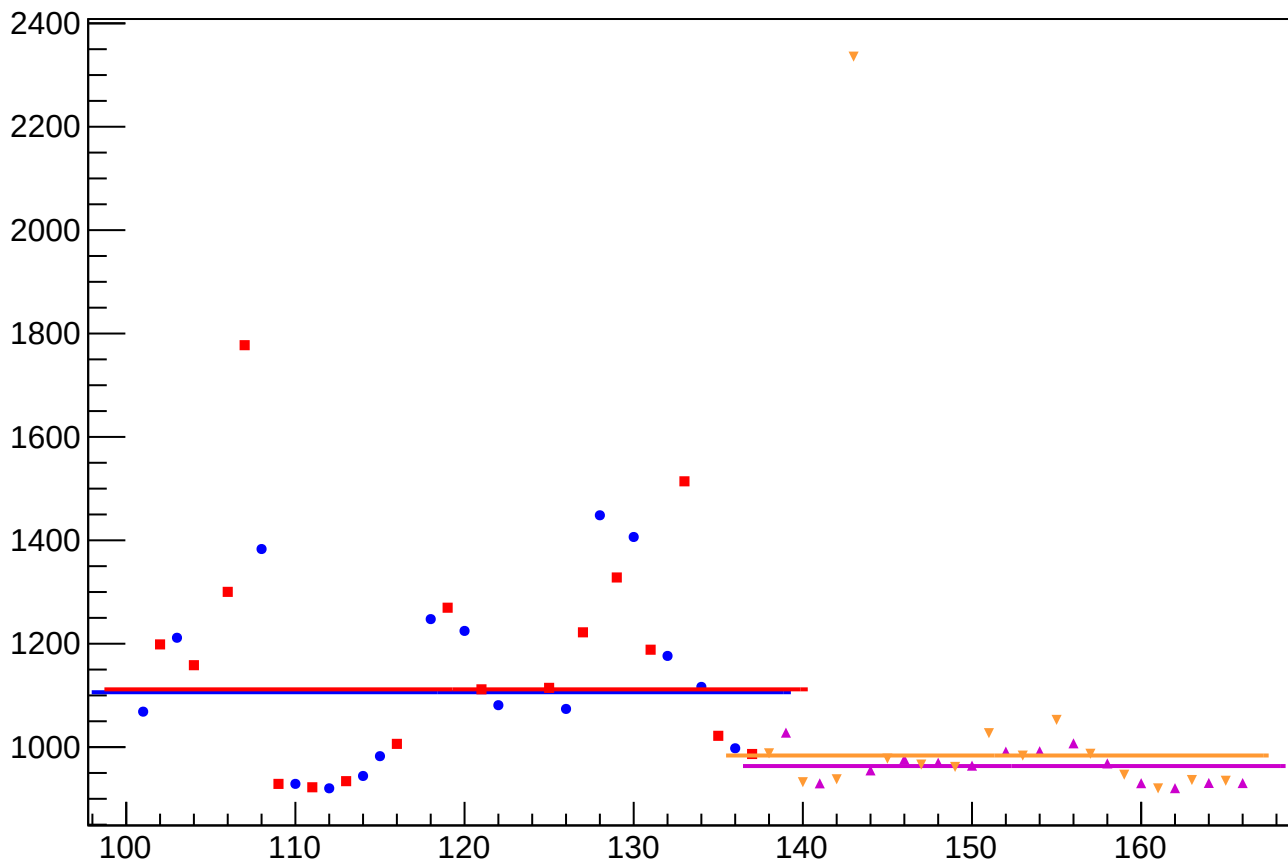
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -194.845+/-241.423 χ^2/NDF : 27.2/29

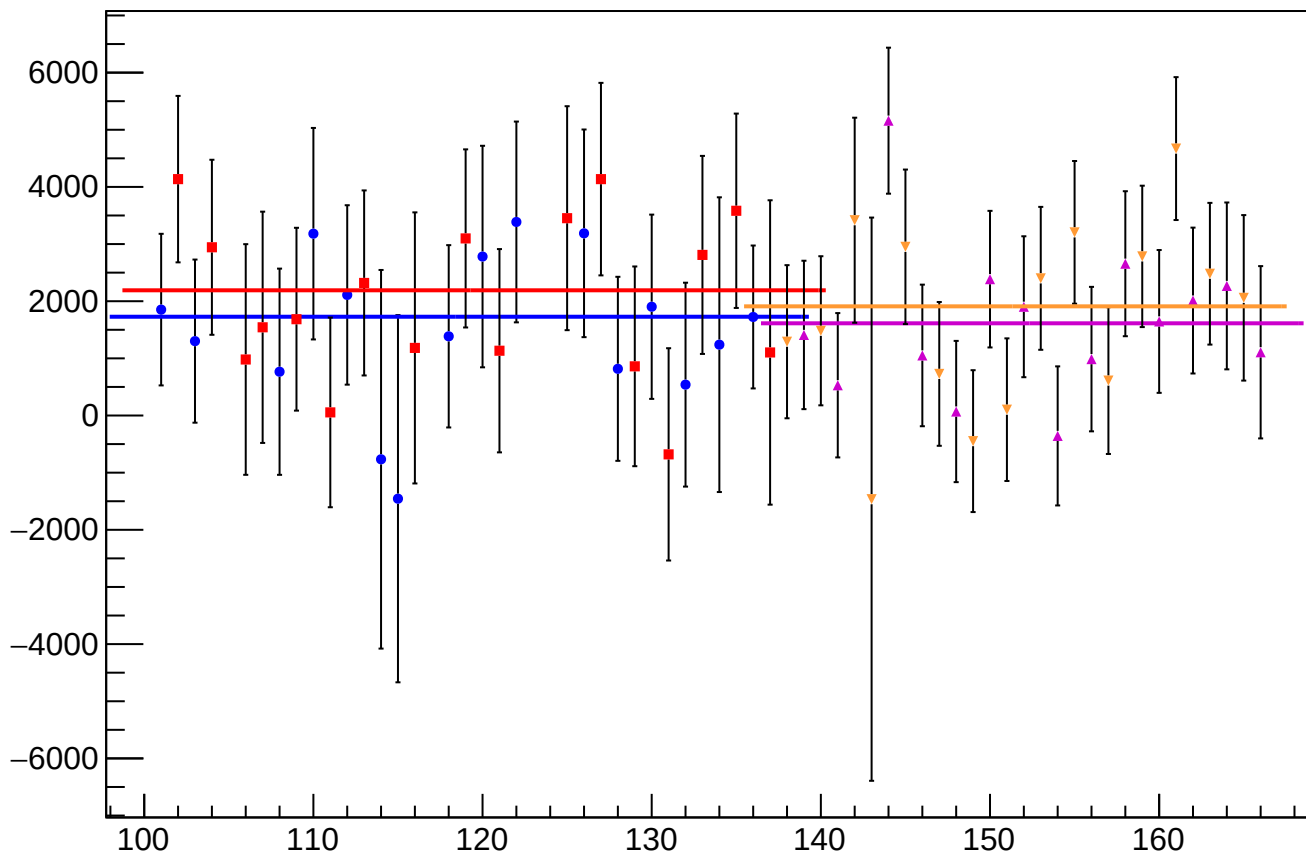
Out: 462.074+/-243.780 χ^2/NDF : 33.2/31

All: 130.423+/-171.539 χ^2/NDF : 64.1/61

asym_us_dd_rms vs Slug, Sign Corrected



dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1910.289 $\pm$ 347.625 χ^2/NDF : 16.5/14

Right Out: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

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

Left: 1759.229 $\pm$ 243.549 χ^2/NDF : 31.6/28

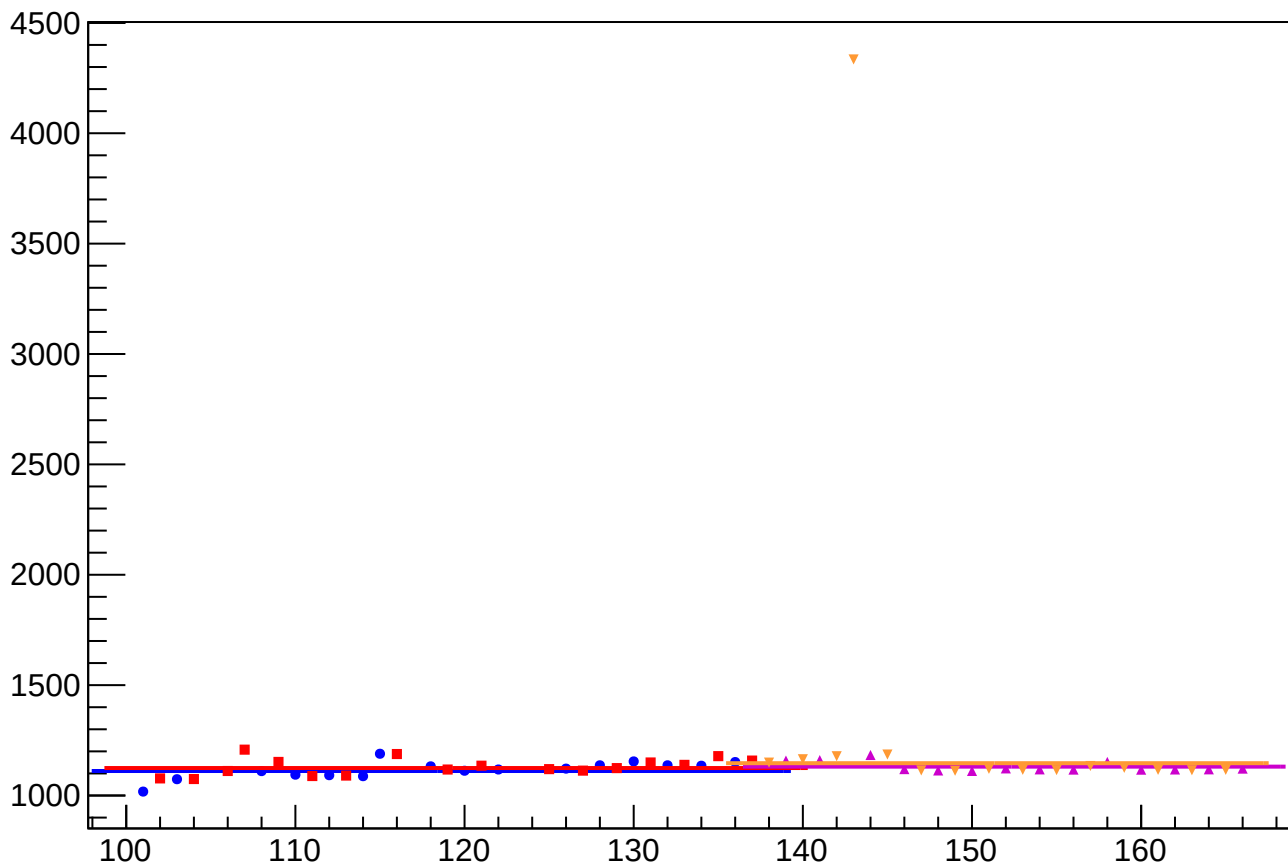
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

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

Out: 2022.098 $\pm$ 269.640 χ^2/NDF : 27.6/31

All: 1838.467 $\pm$ 189.828 χ^2/NDF : 48.5/61

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1146.410+/-0.246 χ^2/NDF : 849989.0/14

Right Out: 1124.514+/-0.302 χ^2/NDF : 14600.7/16

Left In: 1130.840+/-0.241 χ^2/NDF : 8237.3/13

Left: 1138.483+/-0.172 χ^2/NDF : 860269.3/28

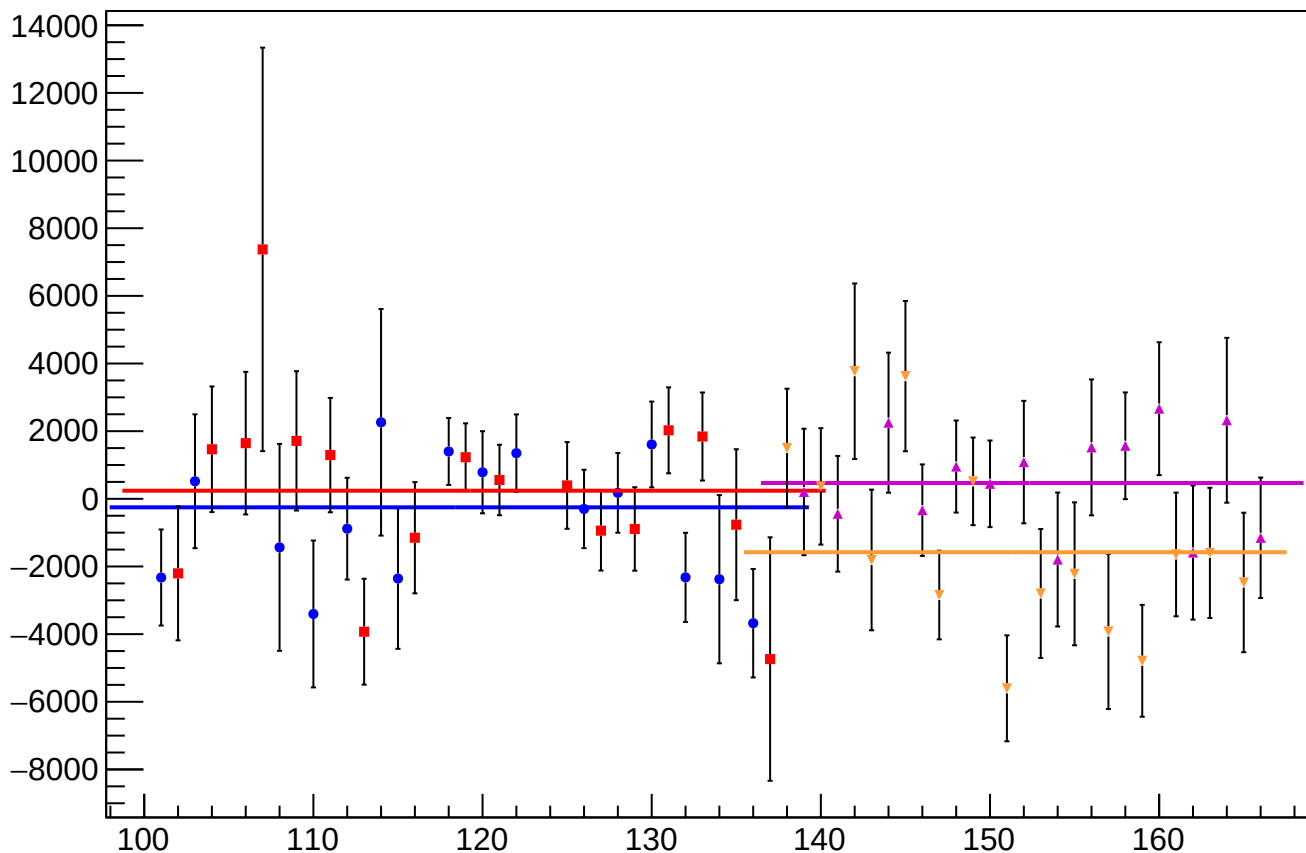
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1123.183+/-0.189 χ^2/NDF : 28930.7/29

Out: 1137.688+/-0.191 χ^2/NDF : 867750.5/31

All: 1130.372+/-0.134 χ^2/NDF : 899600.3/61

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1579.086 $\pm$ 461.730 χ^2 /NDF:29.8/14

Right Out: 239.863 $\pm$ 363.842 χ^2 /NDF: 21.1/16

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

Left: -547.333 $\pm$ 325.196 χ^2 /NDF: 47.1/28

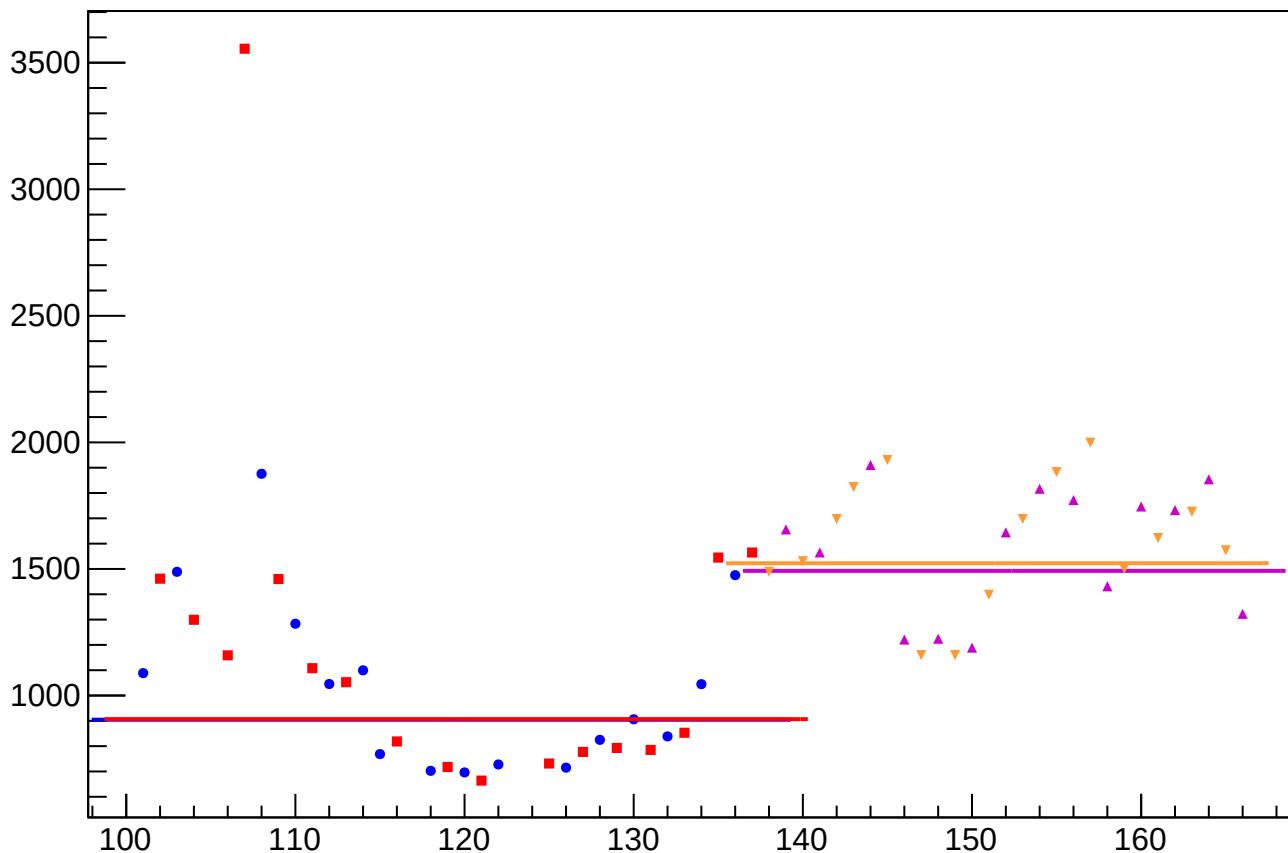
Right: -4.984 $\pm$ 257.666 χ^2 /NDF: 43.8/32

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

Out: -456.928 $\pm$ 285.778 χ^2 /NDF:60.4/31

All: -214.155 $\pm$ 201.956 χ^2 /NDF: 92.6/61

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1522.613+/-0.326 χ^2/NDF : 633094.9/14

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

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

Left: 1507.398+/-0.230 χ^2/NDF : 1242954.2/28

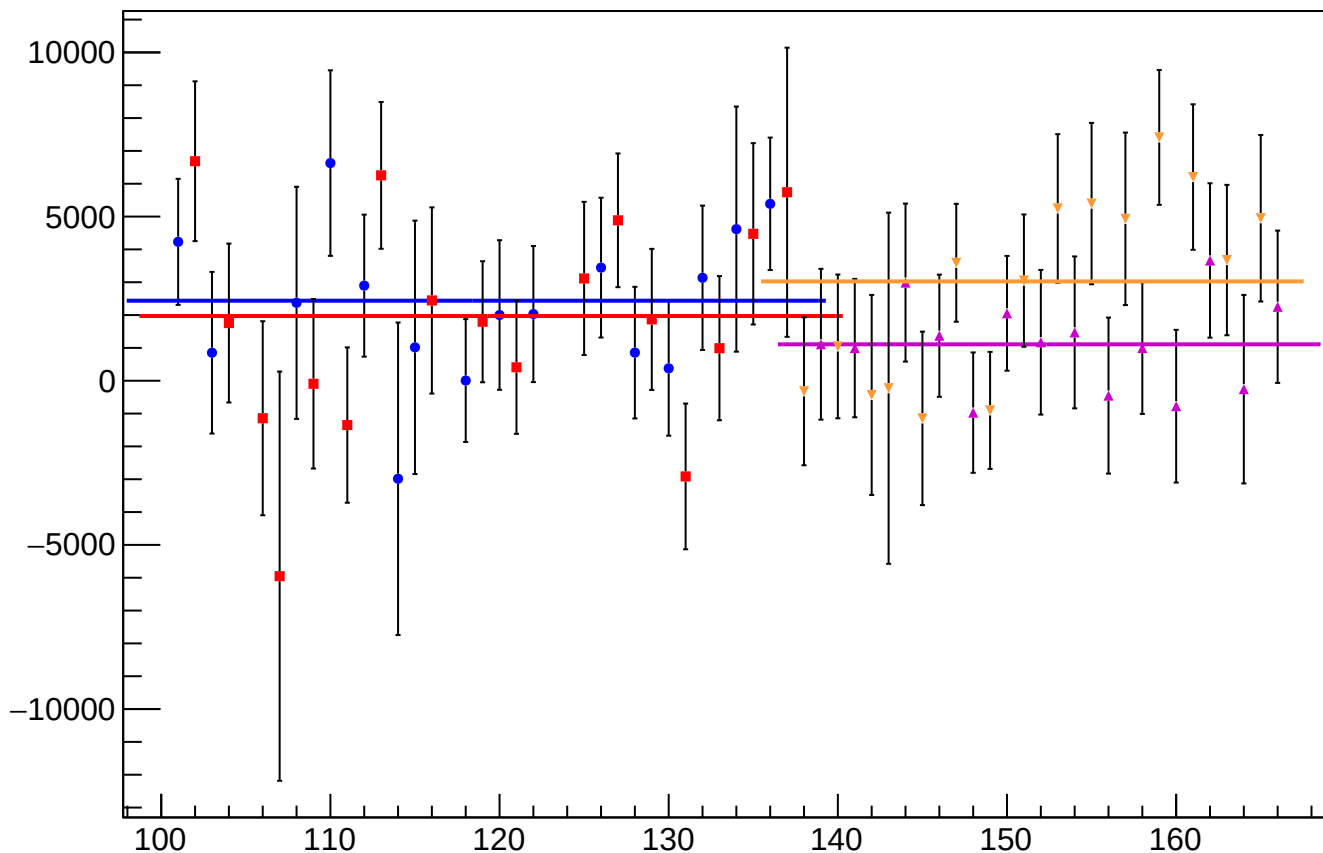
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

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

Out: 1142.575+/-0.202 χ^2/NDF : 4205385.0/31

All: 1137.665+/-0.143 χ^2/NDF : 7848573.9/63

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 3025.678 $\pm$ 591.731 χ^2/NDF : 21.8/14

Right Out: 1970.445 $\pm$ 586.663 χ^2/NDF : 22.3/16

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

Left: 2045.103 $\pm$ 413.476 χ^2/NDF : 32.2/28

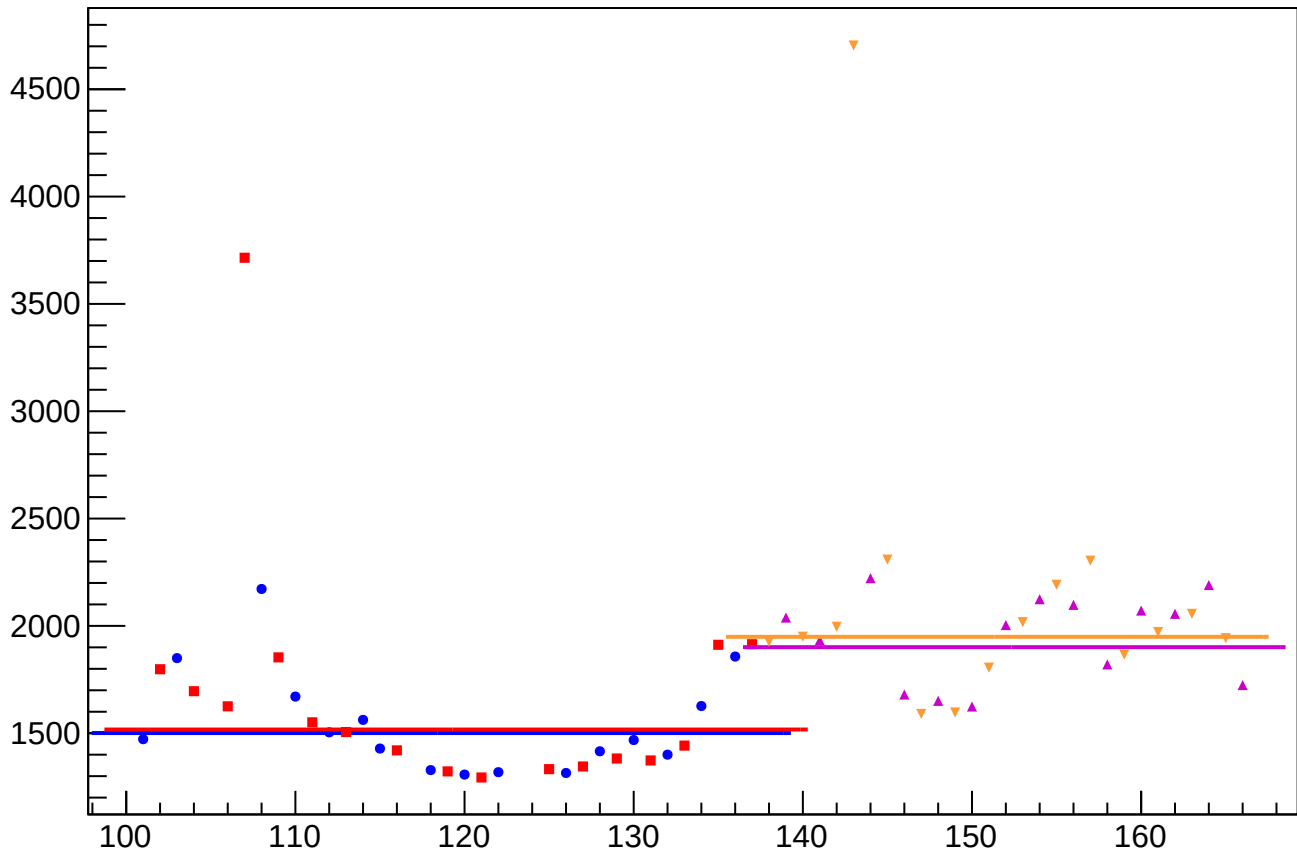
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

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

Out: 2493.524 $\pm$ 416.614 χ^2/NDF : 45.7/31

All: 2124.395 $\pm$ 292.797 χ^2/NDF : 66.0/61

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1949.069 ± 0.418 $\chi^2/\text{NDF}: 802376.4/14$

Right Out: 1517.120 ± 0.415 $\chi^2/\text{NDF}: 475046.3/16$

Left In: 1900.874 ± 0.409 $\chi^2/\text{NDF}: 250237.9/13$

Left: 1924.406 ± 0.292 $\chi^2/\text{NDF}: 1059403.7/28$

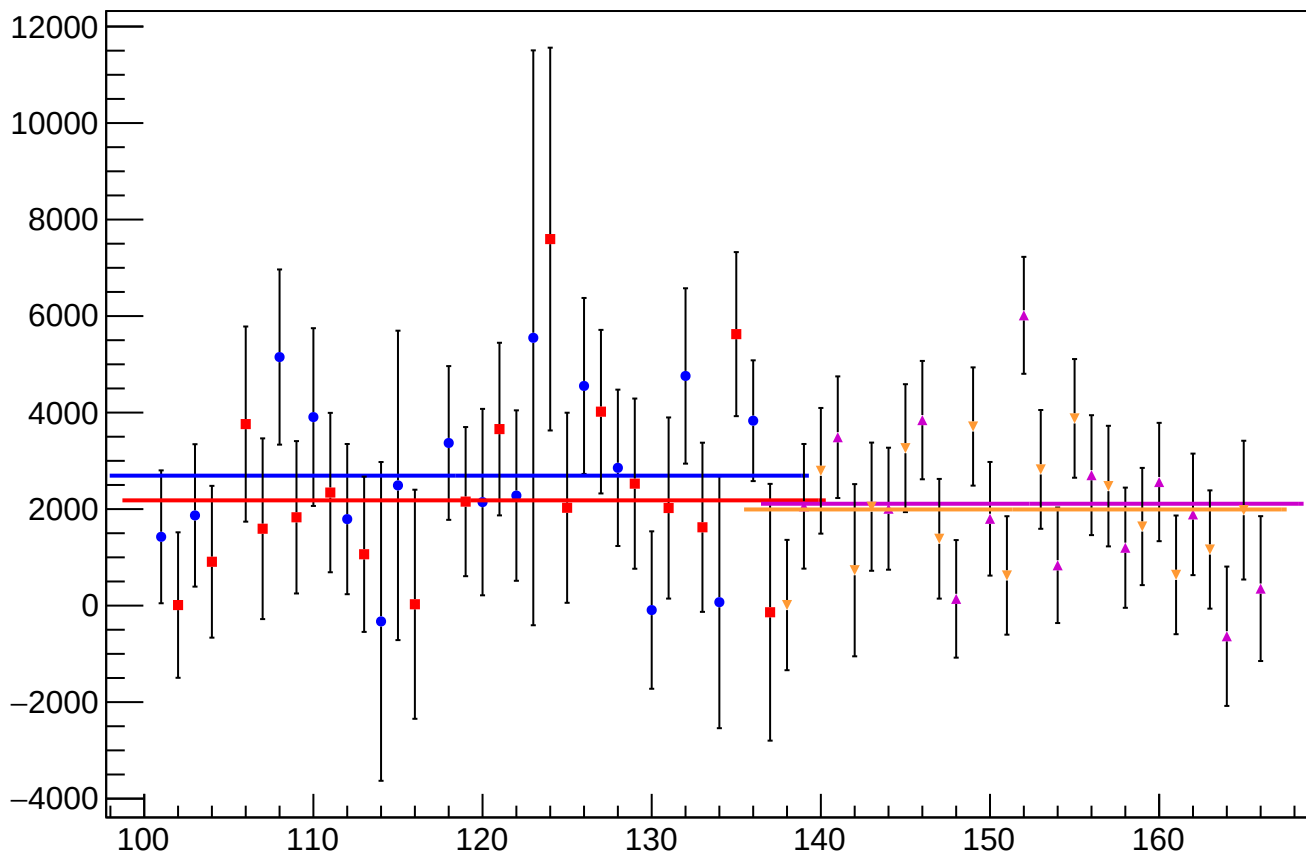
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1703.681 ± 0.291 $\chi^2/\text{NDF}: 978724.0/29$

Out: 1731.237 ± 0.295 $\chi^2/\text{NDF}: 1814869.9/31$

All: 1717.292 ± 0.207 $\chi^2/\text{NDF}: 2798021.8/63$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1992.528 $\pm$ 332.988 χ^2 /NDF:12.1/14

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

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

Left: 2050.986 $\pm$ 236.861 χ^2 /NDF: 35.5/28

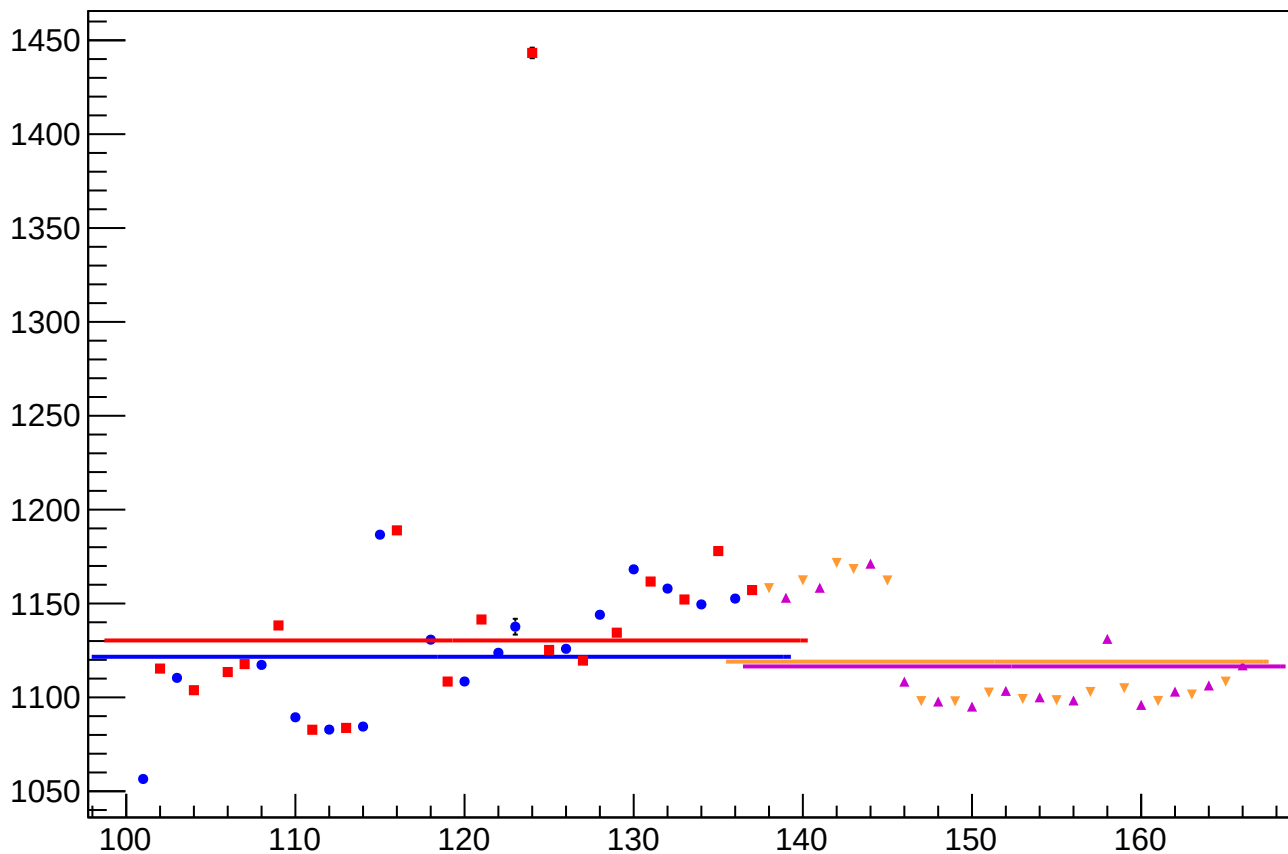
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2064.116 $\pm$ 262.222 χ^2 /NDF:25.8/32

All: 2195.574 $\pm$ 186.689 χ^2 /NDF: 63.0/63

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.036 $\pm$ 0.235 χ^2 /NDF:14831.1/14

Right Out: 1130.316 $\pm$ 0.301 χ^2 /NDF: 21276.1/17

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

Left: 1117.772 $\pm$ 0.167 χ^2 /NDF: 25869.0/28

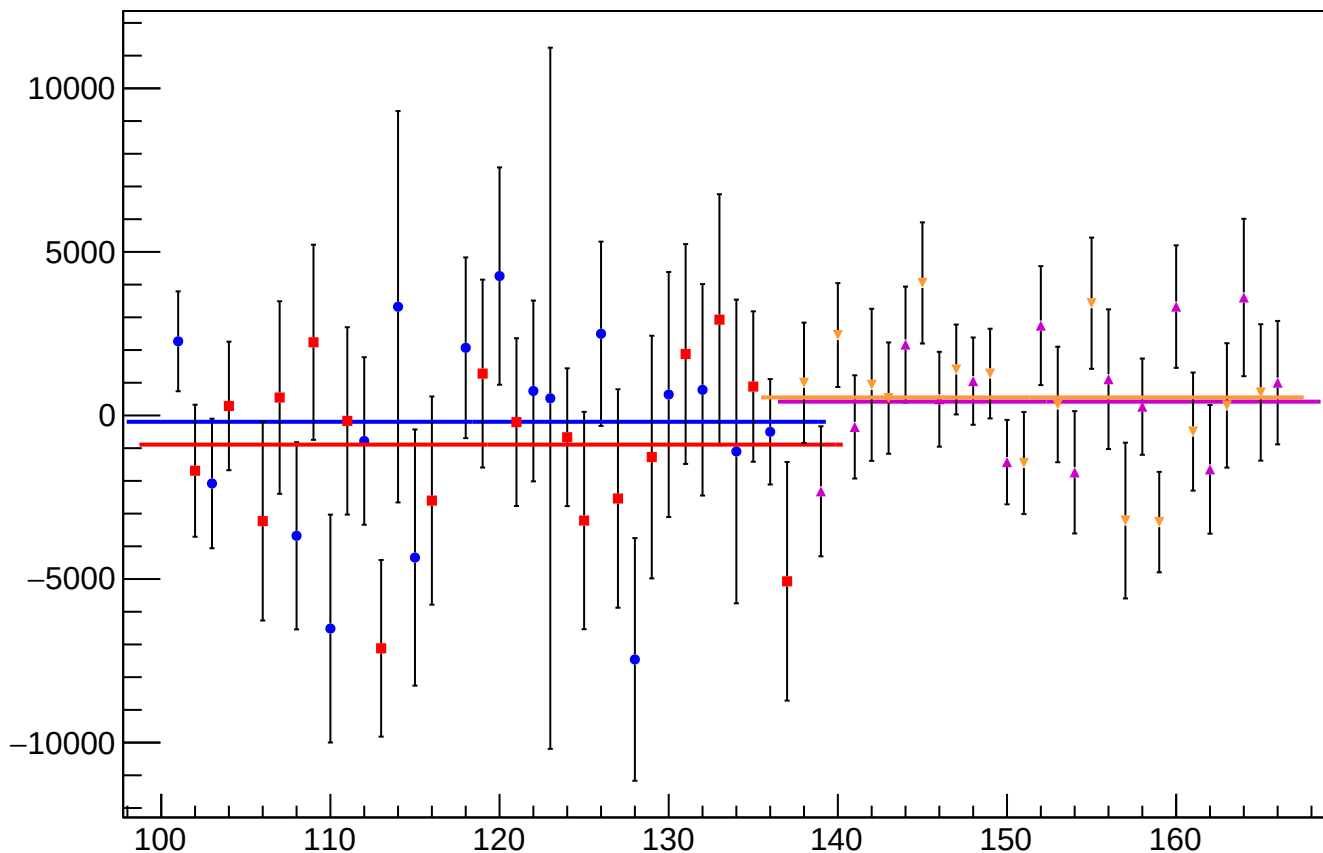
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

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

Out: 1123.321 $\pm$ 0.185 χ^2 /NDF:36979.1/32

All: 1120.905 $\pm$ 0.132 χ^2 /NDF: 60459.4/63

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 552.168+/-448.508 χ^2/NDF : 18.5/14

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

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

Left: 487.879+/-318.614 χ^2/NDF : 32.4/28

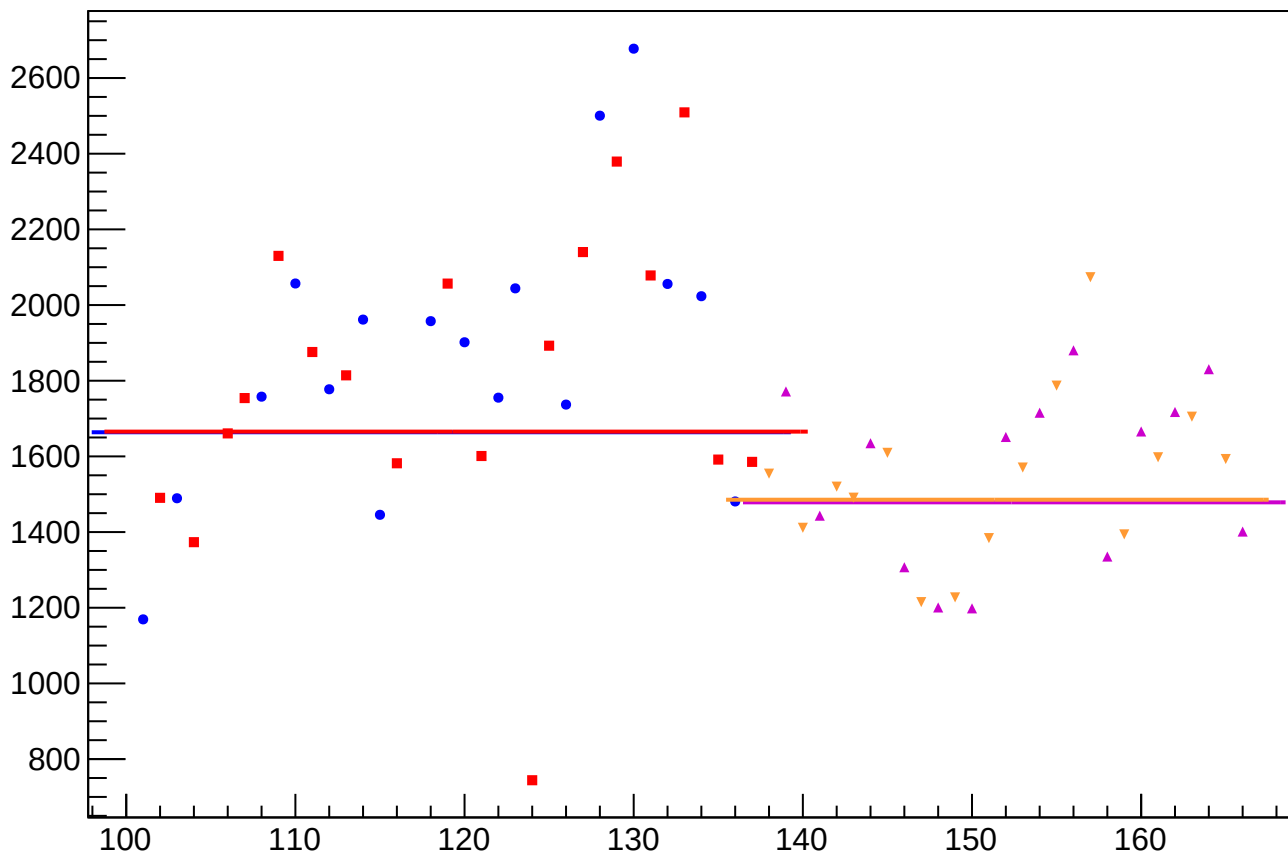
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

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

Out: 86.082+/-369.047 χ^2/NDF : 35.0/32

All: 154.993+/-262.476 χ^2/NDF : 66.8/63

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1485.498+/-0.317 χ^2/NDF : 392248.4/14

Right Out: 1665.466+/-0.459 χ^2/NDF : 802791.6/17

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

Left: 1482.067+/-0.225 χ^2/NDF : 897210.4/28

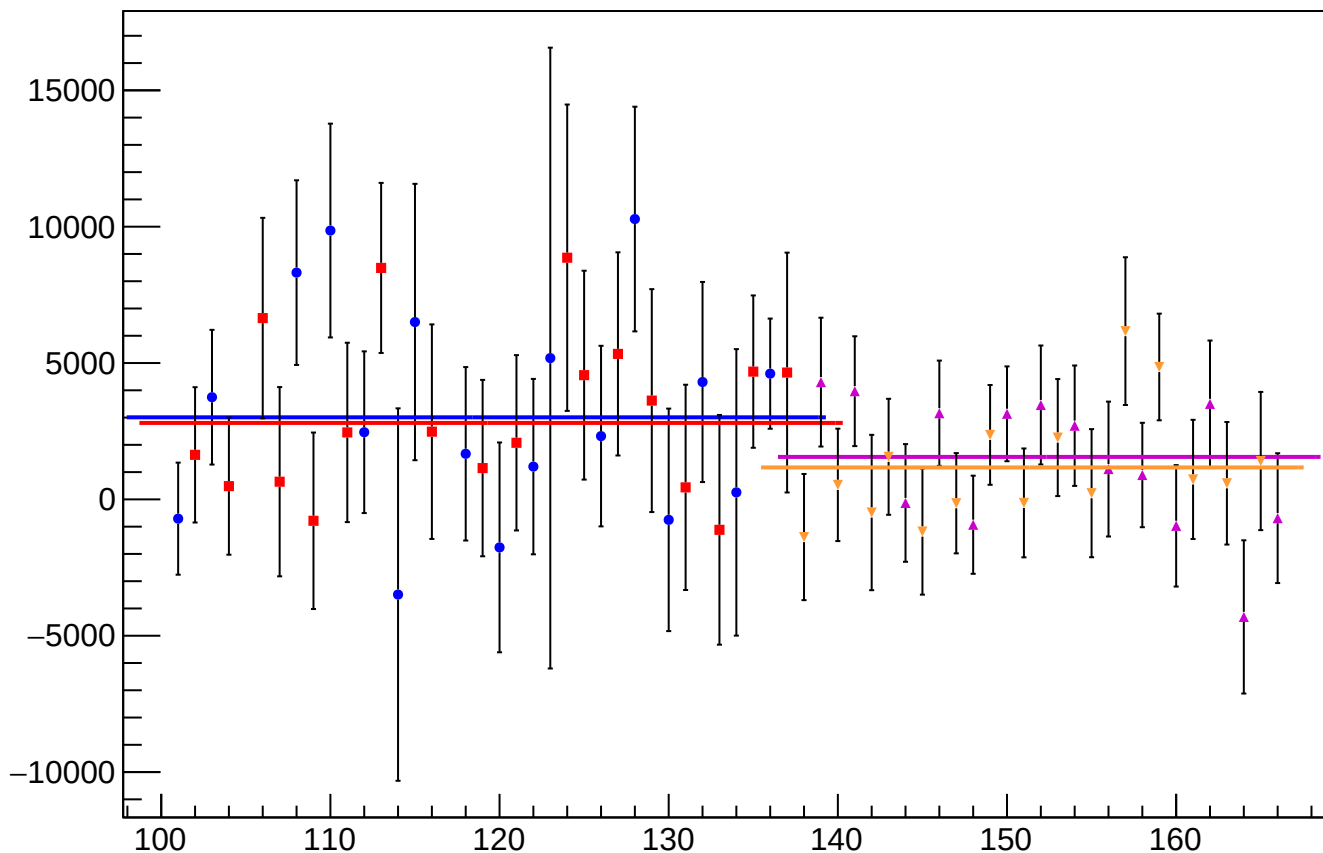
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

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

Out: 1543.618+/-0.261 χ^2/NDF : 1299035.0/32

All: 1540.735+/-0.186 χ^2/NDF : 2533509.2/63

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1170.851+/-562.700 χ^2/NDF : 11.6/14

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 1557.282+/-568.822 χ^2/NDF : 15.2/13

Left: 1361.976+/-400.036 χ^2/NDF : 27.0/28

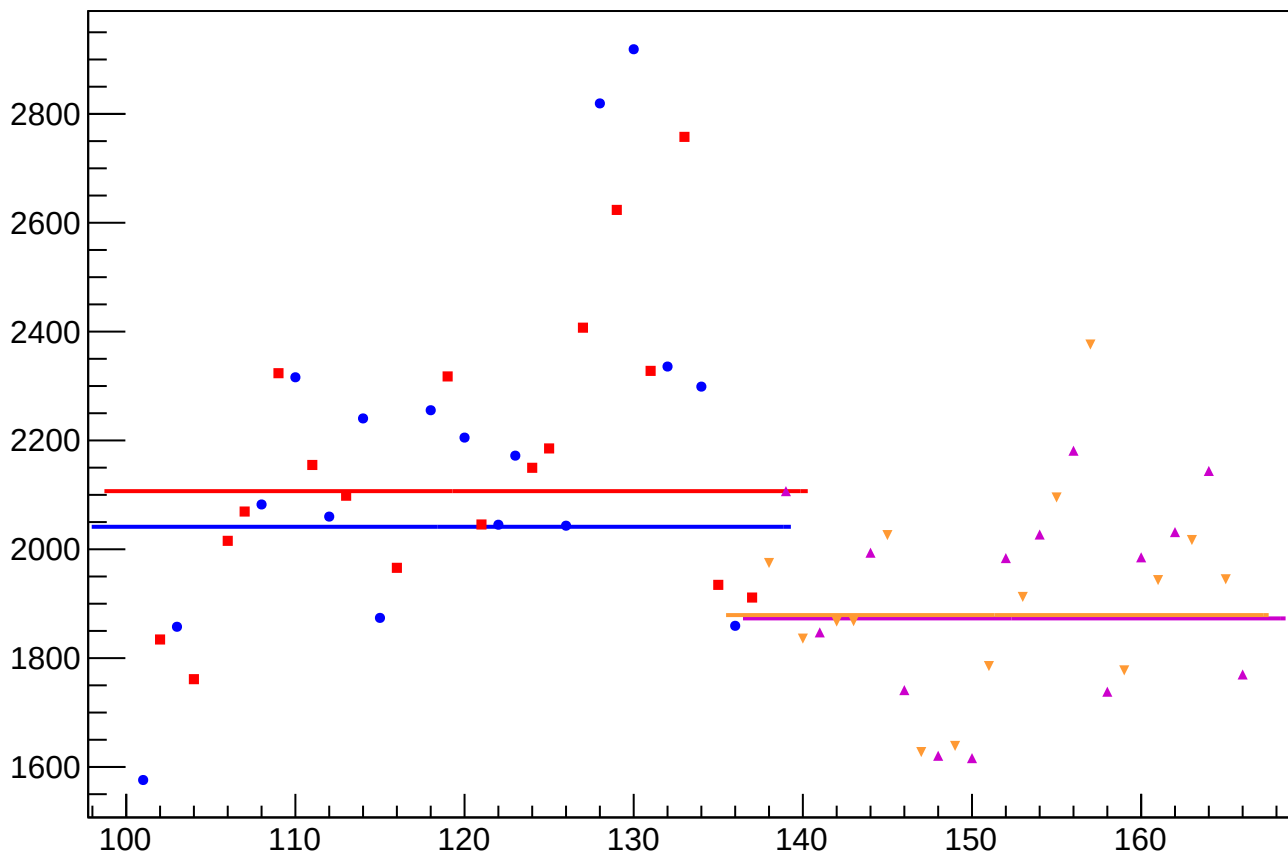
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2045.111+/-463.514 χ^2/NDF : 34.8/30

Out: 1711.763+/-460.173 χ^2/NDF : 25.6/32

All: 1877.231+/-326.566 χ^2/NDF : 60.6/63

asym_usr_rms vs Slug, Sign Corrected



Left: 1876.076 $\pm$ 0.283 χ^2/NDF : 400870.8/28

Right: 2074.099 $\pm$ 0.400 χ^2/NDF : 541866.5/34

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

Out: 1954.533 $\pm$ 0.325 χ^2/NDF : 494900.7/32

All: 1942.134 $\pm$ 0.231 χ^2/NDF : 1106218.9/63

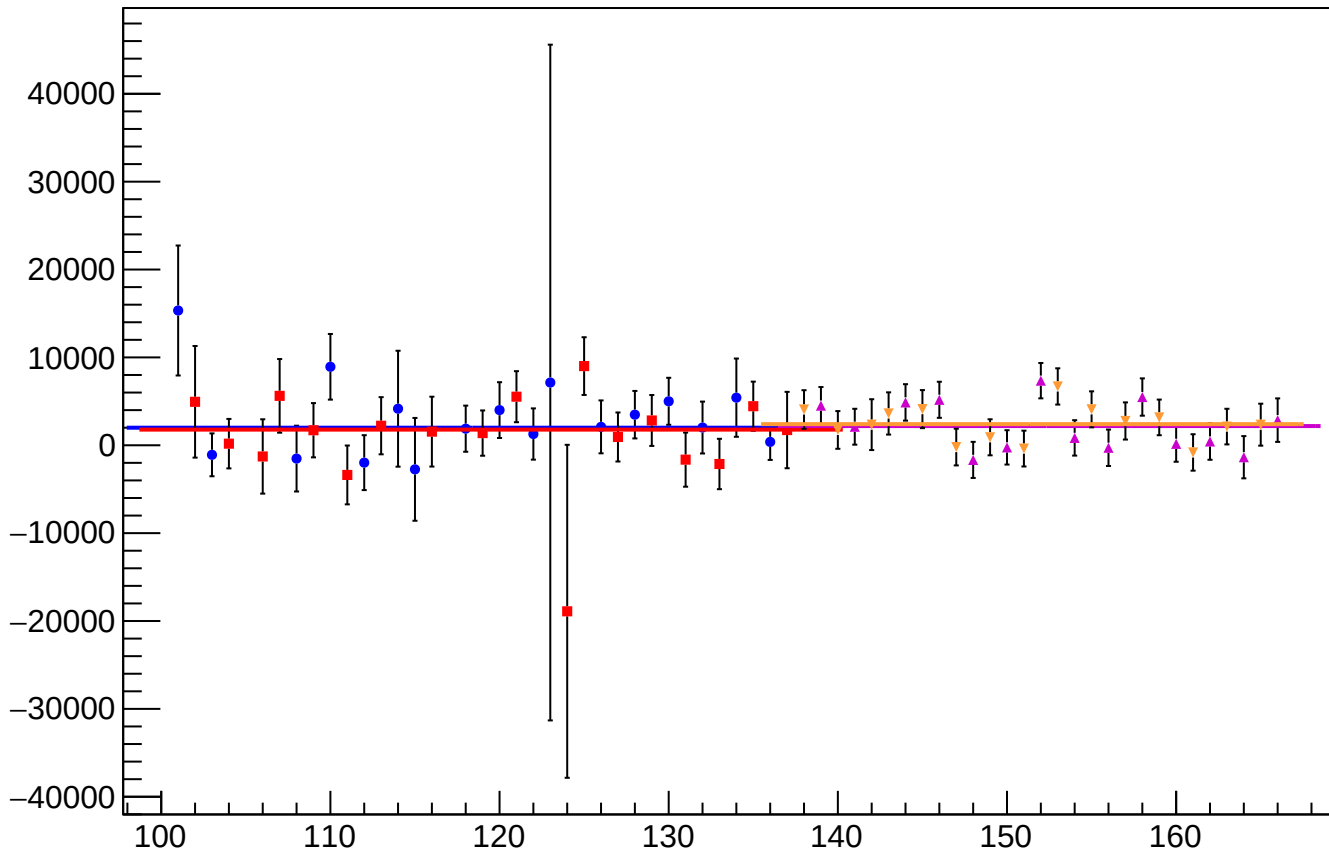
Right In: 2041.348 $\pm$ 0.565 χ^2/NDF : 338436.8/16

Left Out: 1879.101 $\pm$ 0.398 χ^2/NDF : 189668.3/14

Right Out: 2106.845 $\pm$ 0.565 χ^2/NDF : 196720.6/17

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

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2404.756 $\pm$ 556.467 χ^2/NDF :13.1/14

Right Out: 1781.823 $\pm$ 781.836 χ^2/NDF : 16.3/17

Left In: 2186.185 $\pm$ 560.181 χ^2/NDF :24.9/13

Left: 2296.198 $\pm$ 394.788 χ^2/NDF : 38.1/28

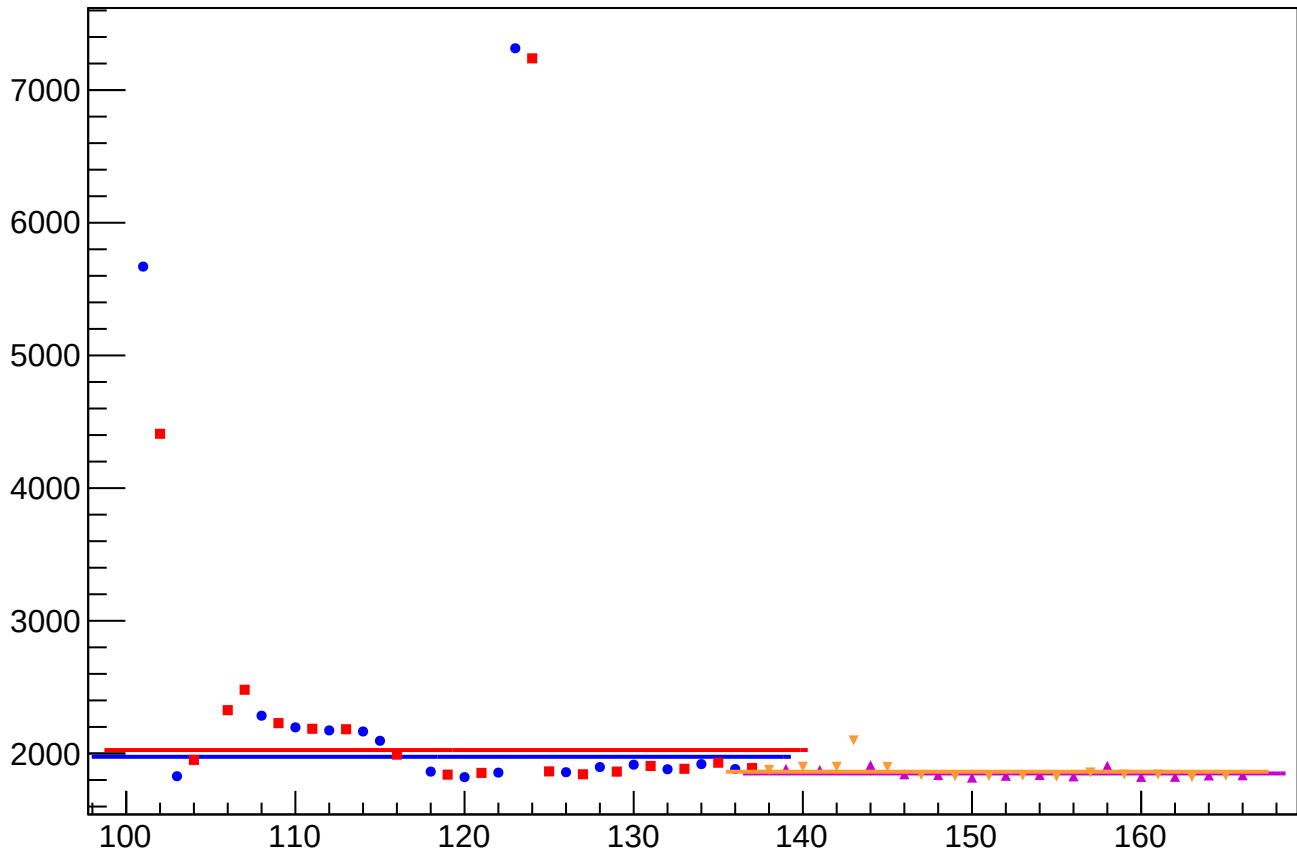
Right: 1890.892 $\pm$ 552.762 χ^2/NDF : 31.1/34

In: 2122.969 $\pm$ 455.318 χ^2/NDF :39.7/30

Out: 2195.298 $\pm$ 453.360 χ^2/NDF :29.8/32

All: 2159.289 $\pm$ 321.264 χ^2/NDF : 69.6/63

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1862.611+/-0.393 χ^2/NDF : 24730.0/14

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

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

Left: 1856.094+/-0.279 χ^2/NDF : 31218.0/28

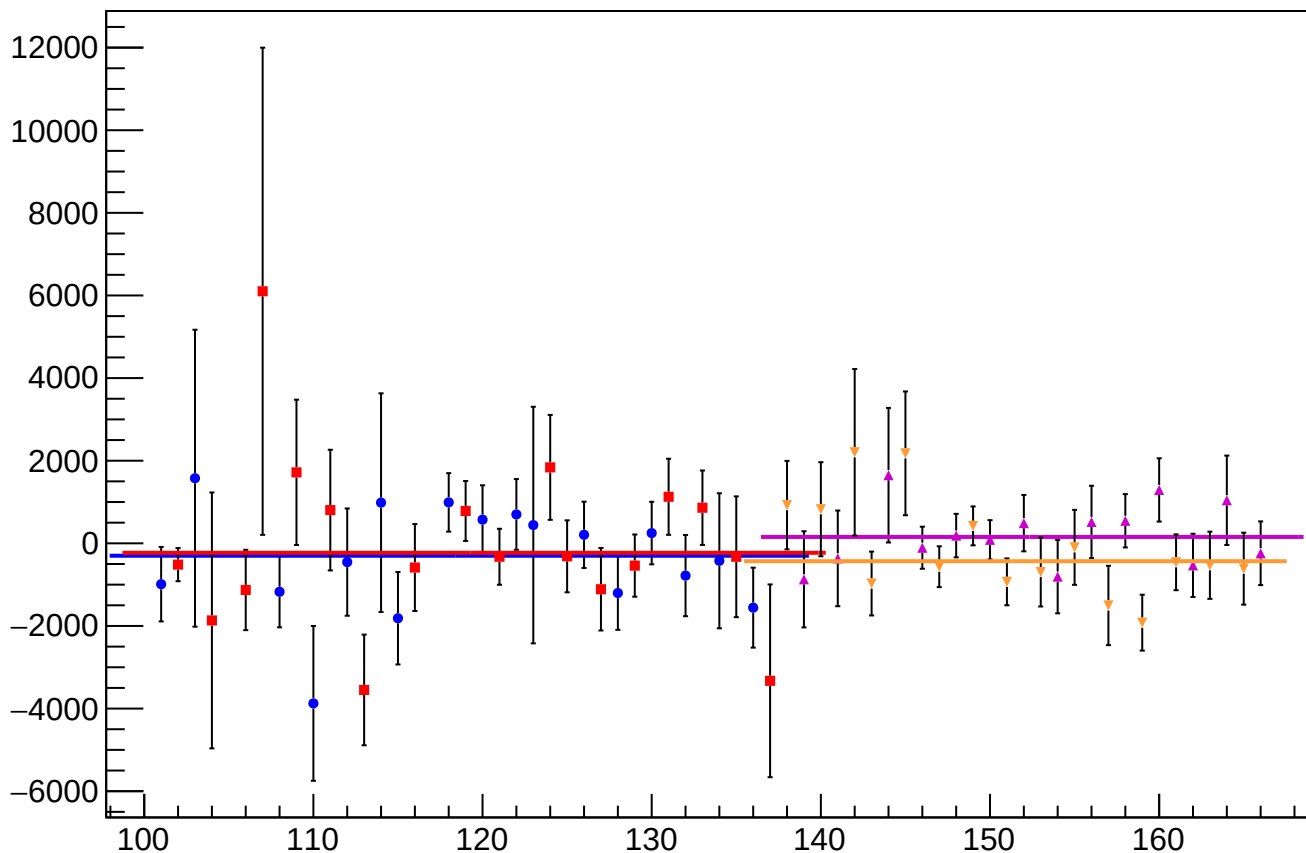
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1917.507+/-0.321 χ^2/NDF : 618000.0/32

All: 1904.867+/-0.227 χ^2/NDF : 1261020.3/63

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -432.678 ± 193.664 $\chi^2/\text{NDF}: 18.6/14$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

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

Left: -138.327 ± 136.759 $\chi^2/\text{NDF}: 31.2/28$

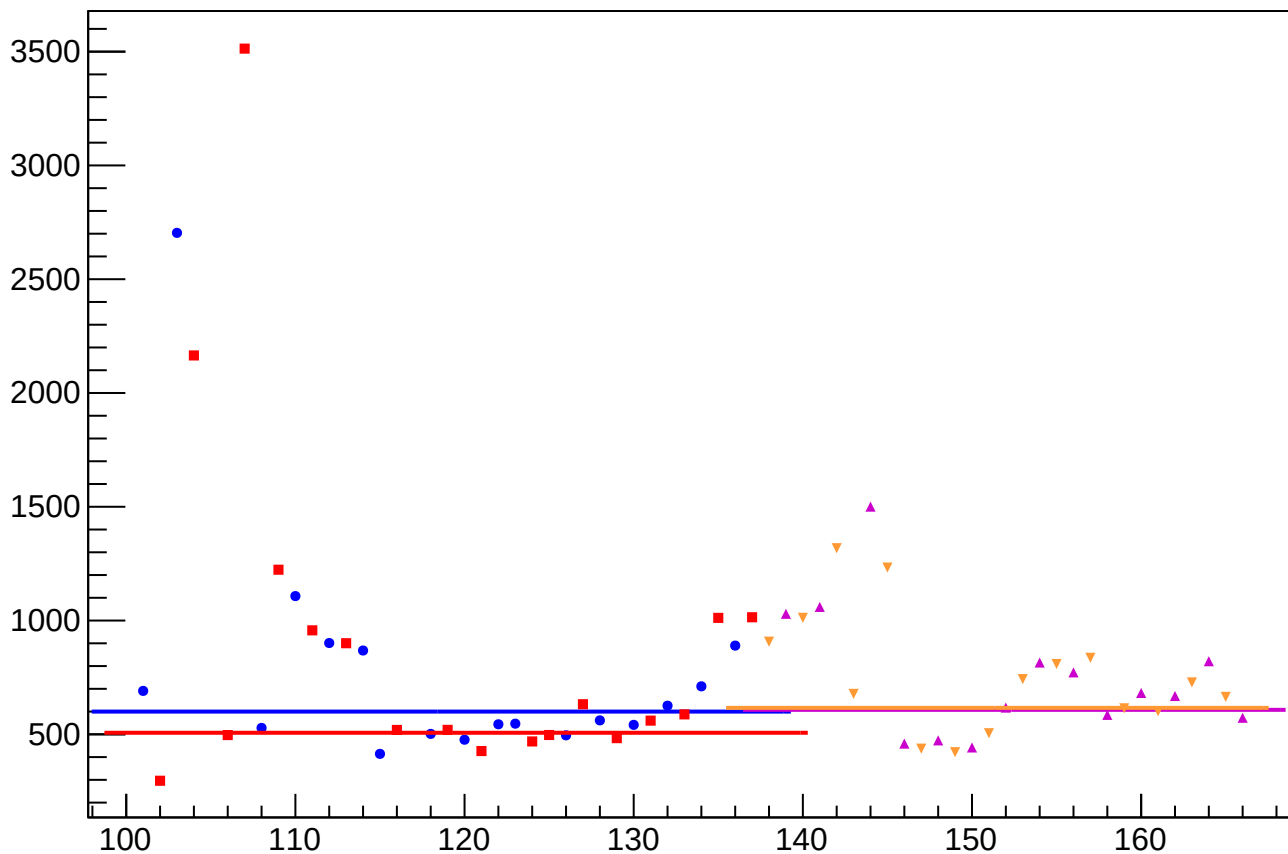
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

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

Out: -341.643 ± 144.082 $\chi^2/\text{NDF}: 40.9/32$

All: -188.688 ± 104.589 $\chi^2/\text{NDF}: 70.7/63$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 616.340+/-0.137 χ^2/NDF : 1952018.5/14

Right Out: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

Left In: 607.638+/-0.137 χ^2/NDF : 2006710.6/13

Left: 611.978+/-0.097 χ^2/NDF : 3960753.6/28

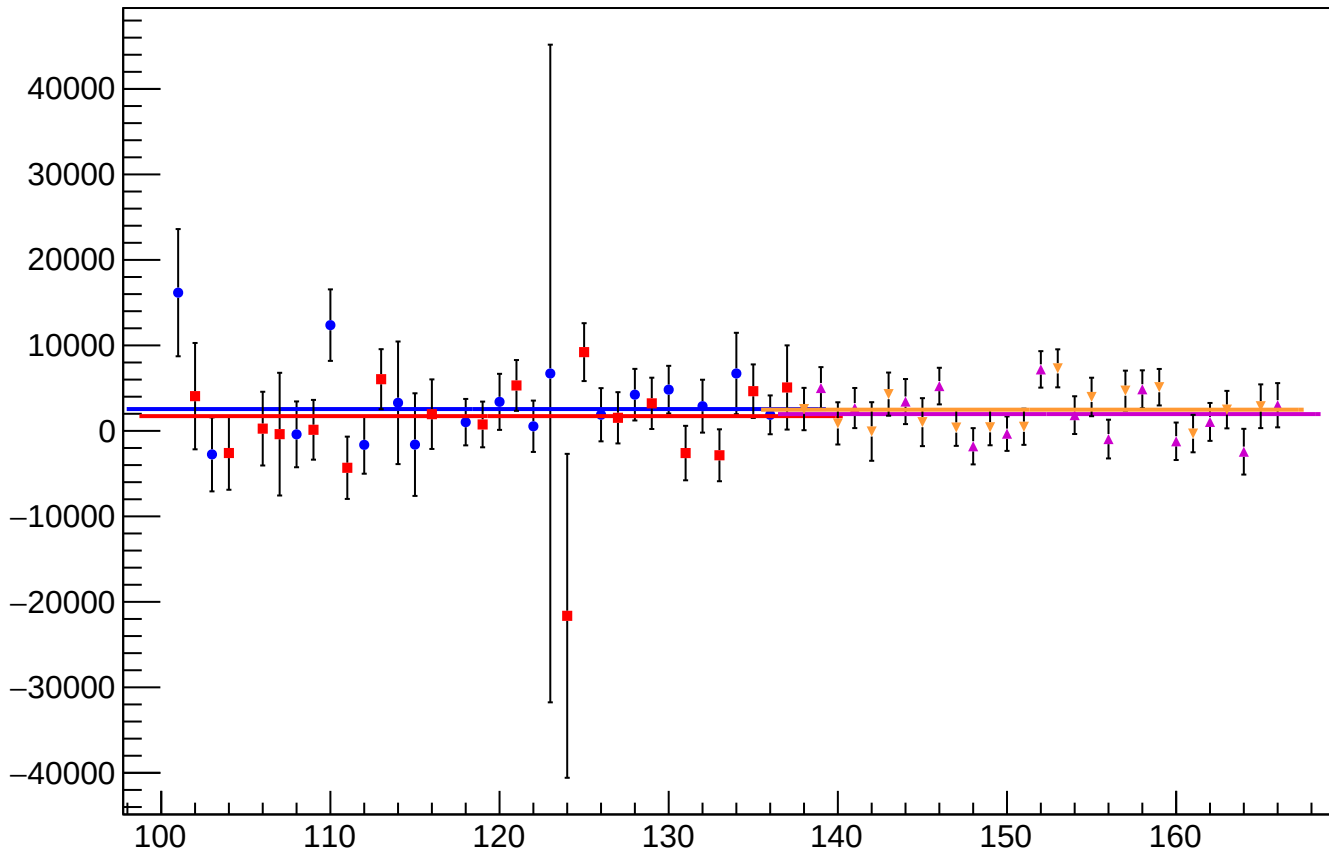
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 604.716+/-0.108 χ^2/NDF : 3388963.6/30

Out: 567.464+/-0.102 χ^2/NDF : 4998182.0/32

All: 585.087+/-0.074 χ^2/NDF : 8450392.6/63

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2480.740 $\pm$ 604.811 χ^2 /NDF:13.8/14

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

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

Left: 2223.960 $\pm$ 428.880 χ^2 /NDF: 37.4/28

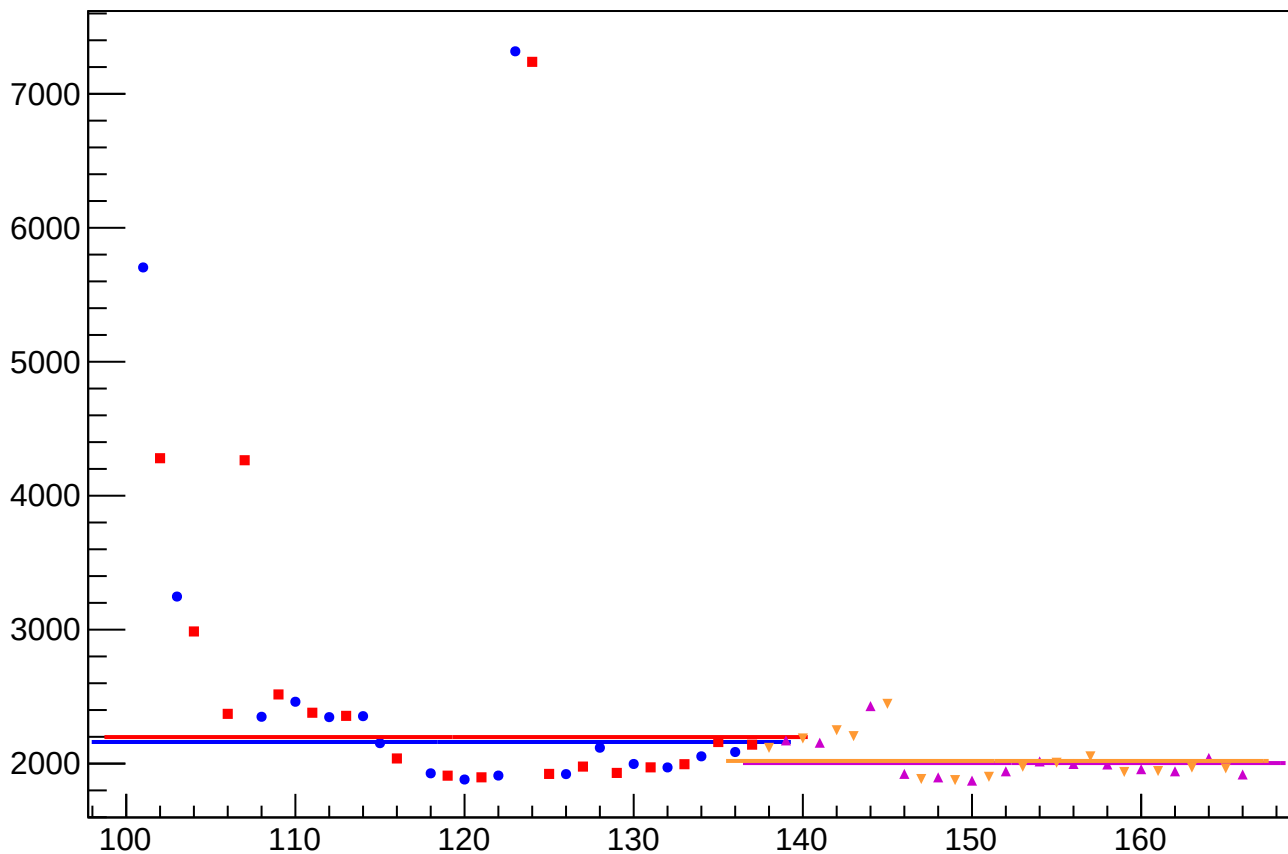
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

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

Out: 2229.451 $\pm$ 493.794 χ^2 /NDF:33.8/32

All: 2195.451 $\pm$ 350.079 χ^2 /NDF: 73.1/63

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.922 $\pm$ 0.428 χ^2 /NDF:110195.0/14

Right Out: 2198.187 $\pm$ 0.605 χ^2 /NDF: 733873.5/17

Left In: 2004.051 $\pm$ 0.430 χ^2 /NDF:93131.7/13

Left: 2012.031 $\pm$ 0.303 χ^2 /NDF: 204011.4/28

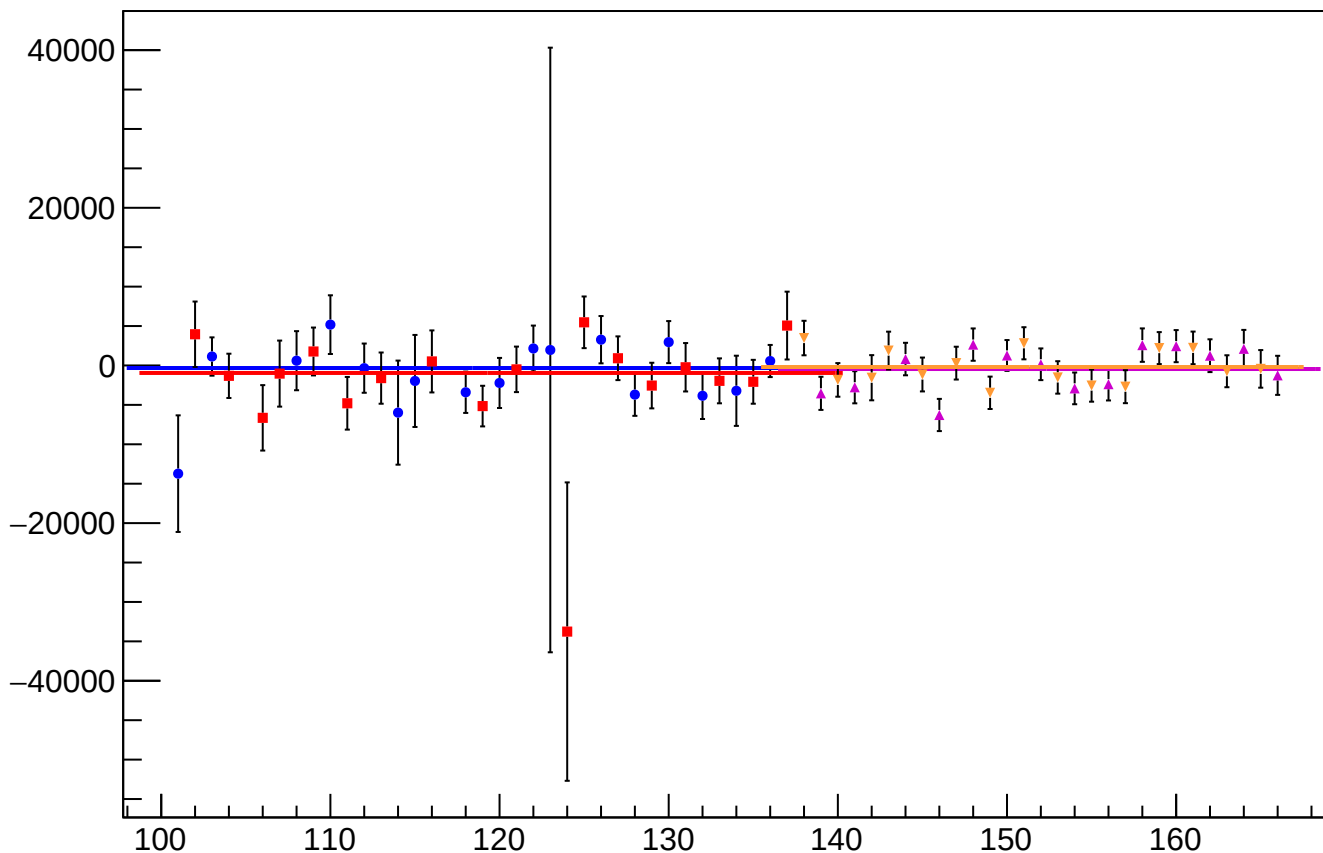
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2056.613 $\pm$ 0.351 χ^2 /NDF:849098.7/30

Out: 2079.359 $\pm$ 0.349 χ^2 /NDF:902000.7/32

All: 2068.046 $\pm$ 0.248 χ^2 /NDF: 1753210.4/63

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -198.524+/-554.753 χ^2/NDF :15.4/14

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -451.004+/-558.867 χ^2/NDF :23.5/13

Left: -323.831+/-393.716 χ^2/NDF : 38.9/28

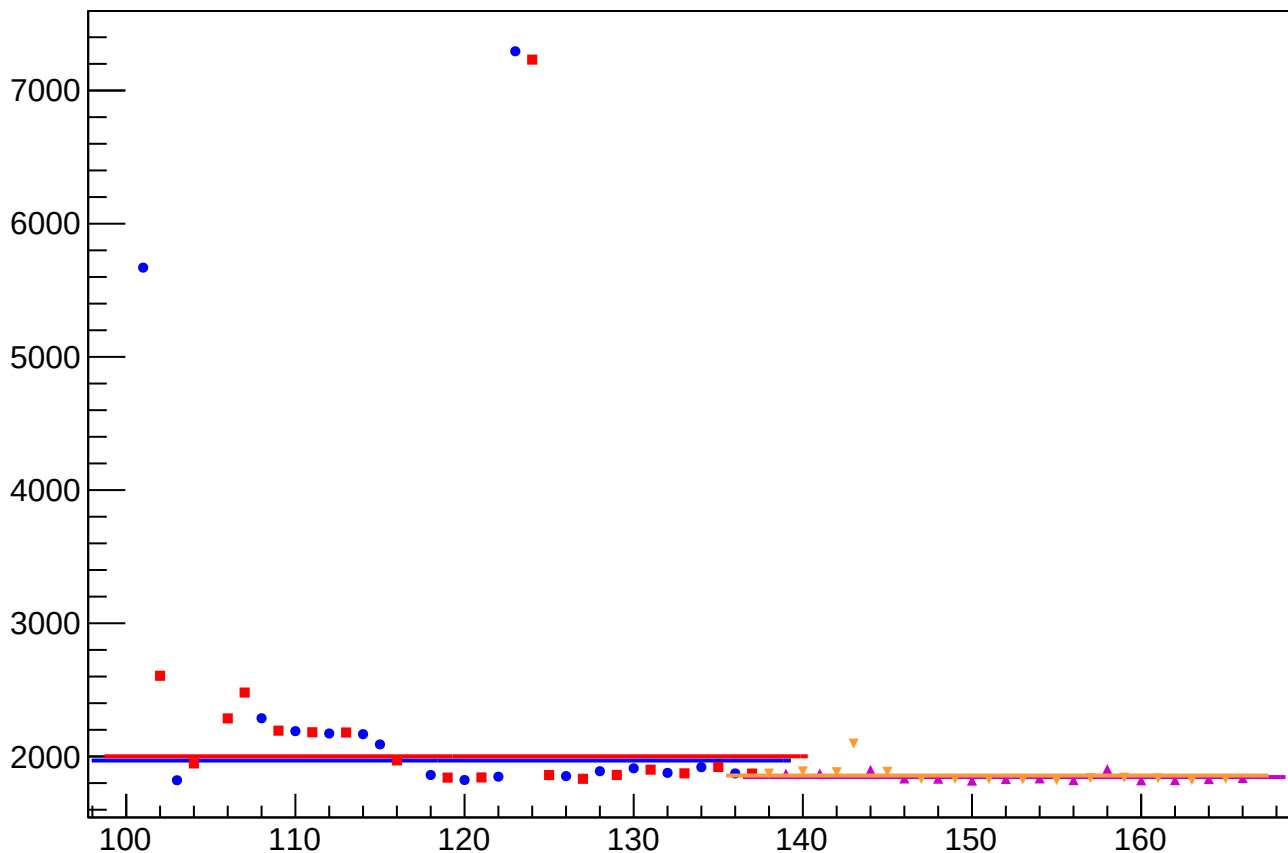
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -407.797+/-454.196 χ^2/NDF :39.2/30

Out: -455.622+/-450.160 χ^2/NDF :34.2/32

All: -431.923+/-319.729 χ^2/NDF : 73.4/63

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1856.950+/-0.392 χ^2/NDF : 24227.8/14

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

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

Left: 1851.126+/-0.278 χ^2/NDF : 29814.2/28

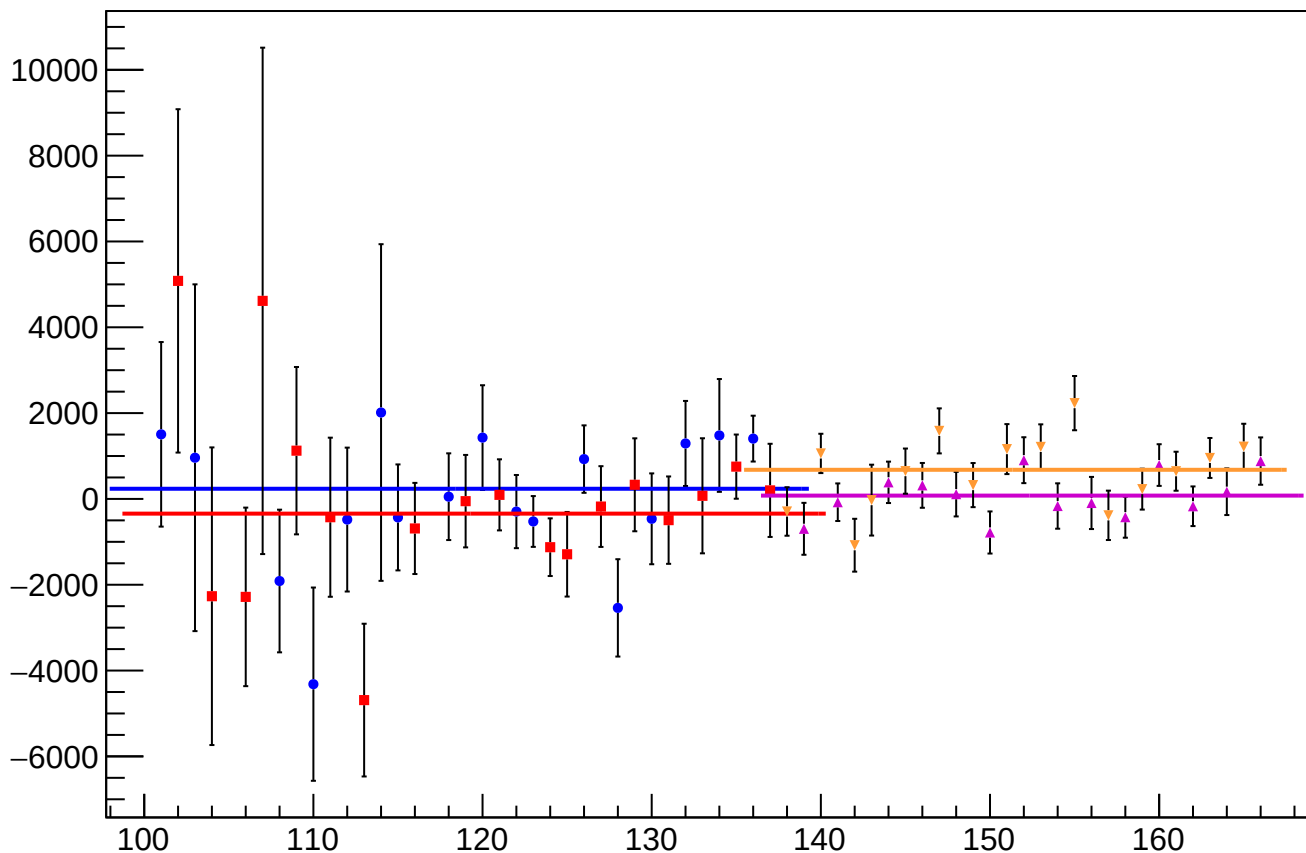
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

Out: 1906.209+/-0.318 χ^2/NDF : 361022.1/32

All: 1896.892+/-0.226 χ^2/NDF : 1004281.8/63

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 678.776 $\pm$ 138.033 χ^2 /NDF:29.4/14

Right Out: -342.796 $\pm$ 268.580 χ^2 /NDF: 15.9/17

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

Left: 375.159 $\pm$ 97.132 χ^2 /NDF: 52.8/28

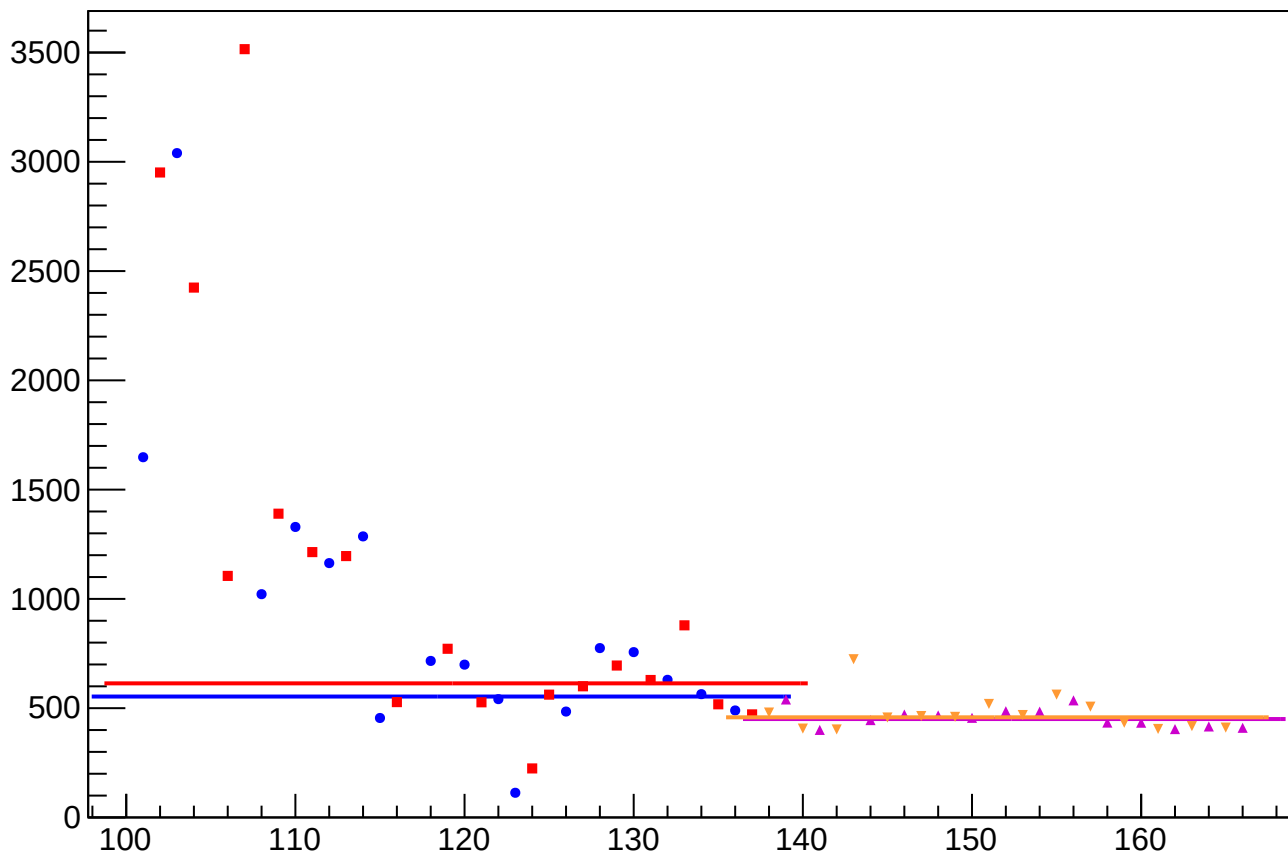
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

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

Out: 465.326 $\pm$ 122.769 χ^2 /NDF:56.8/32

All: 285.546 $\pm$ 85.738 χ^2 /NDF: 99.0/63

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 458.169+/-0.098 χ^2/NDF : 406648.5/14

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

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

Left: 454.206+/-0.069 χ^2/NDF : 584574.8/28

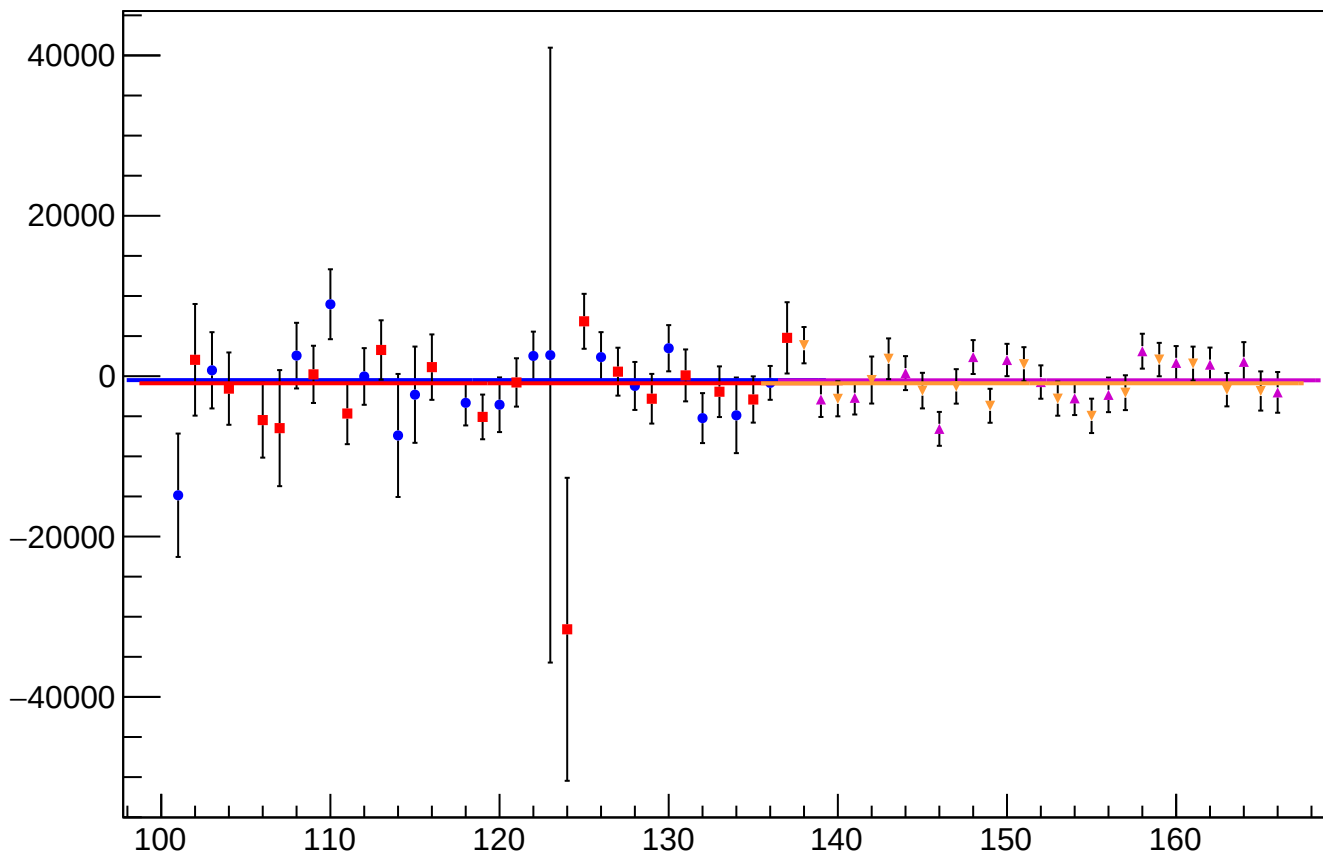
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

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

Out: 490.640+/-0.087 χ^2/NDF : 4412734.0/32

All: 482.231+/-0.061 χ^2/NDF : 8281856.2/63

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -886.478+/-573.241 χ^2/NDF : 18.2/14

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

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

Left: -702.424+/-406.355 χ^2/NDF : 40.4/28

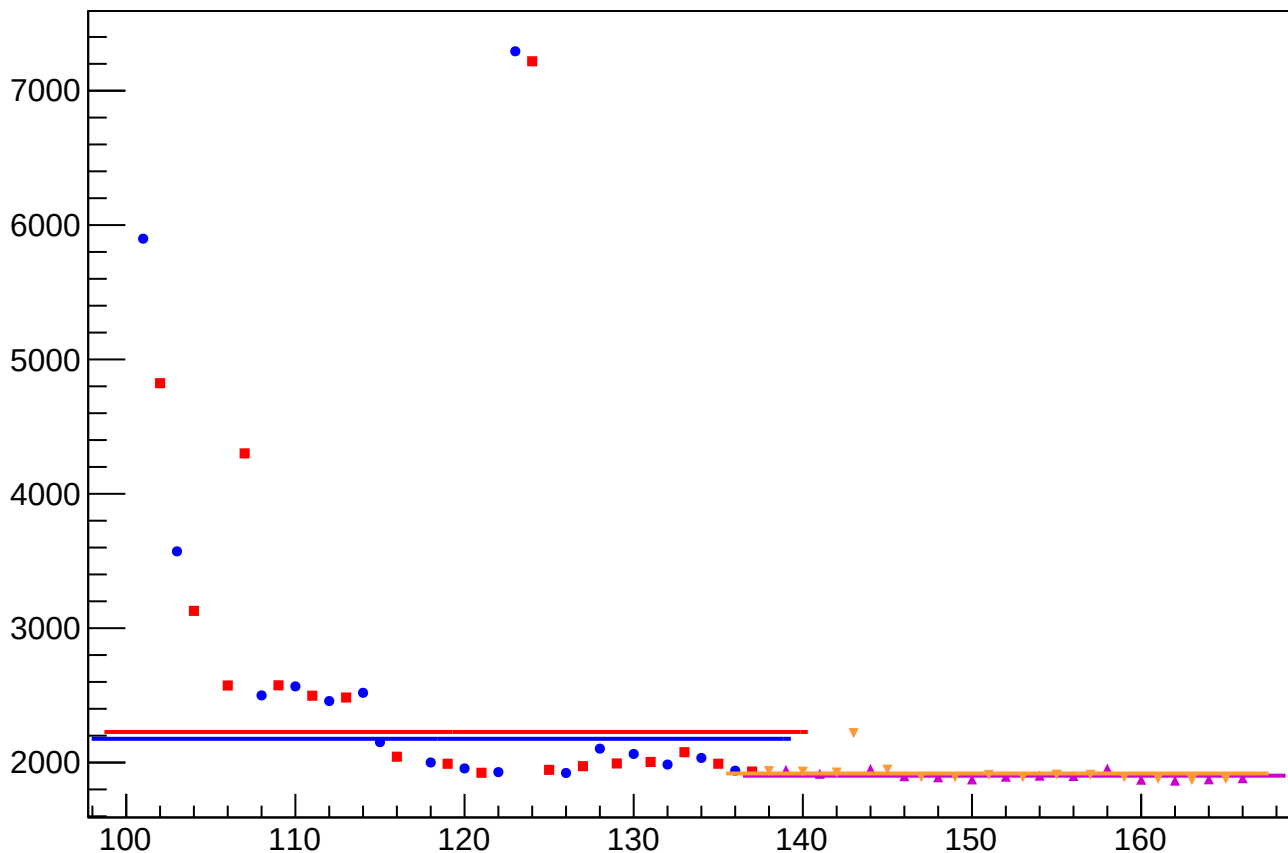
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

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

Out: -885.925+/-478.531 χ^2/NDF : 35.5/32

All: -698.043+/-338.893 χ^2/NDF : 76.3/63

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1918.723 $\pm$ 0.405 χ^2 /NDF: 32352.6/14

Right Out: 2227.688 $\pm$ 0.615 χ^2 /NDF: 825665.5/17

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

Left: 1910.584 $\pm$ 0.287 χ^2 /NDF: 38148.9/28

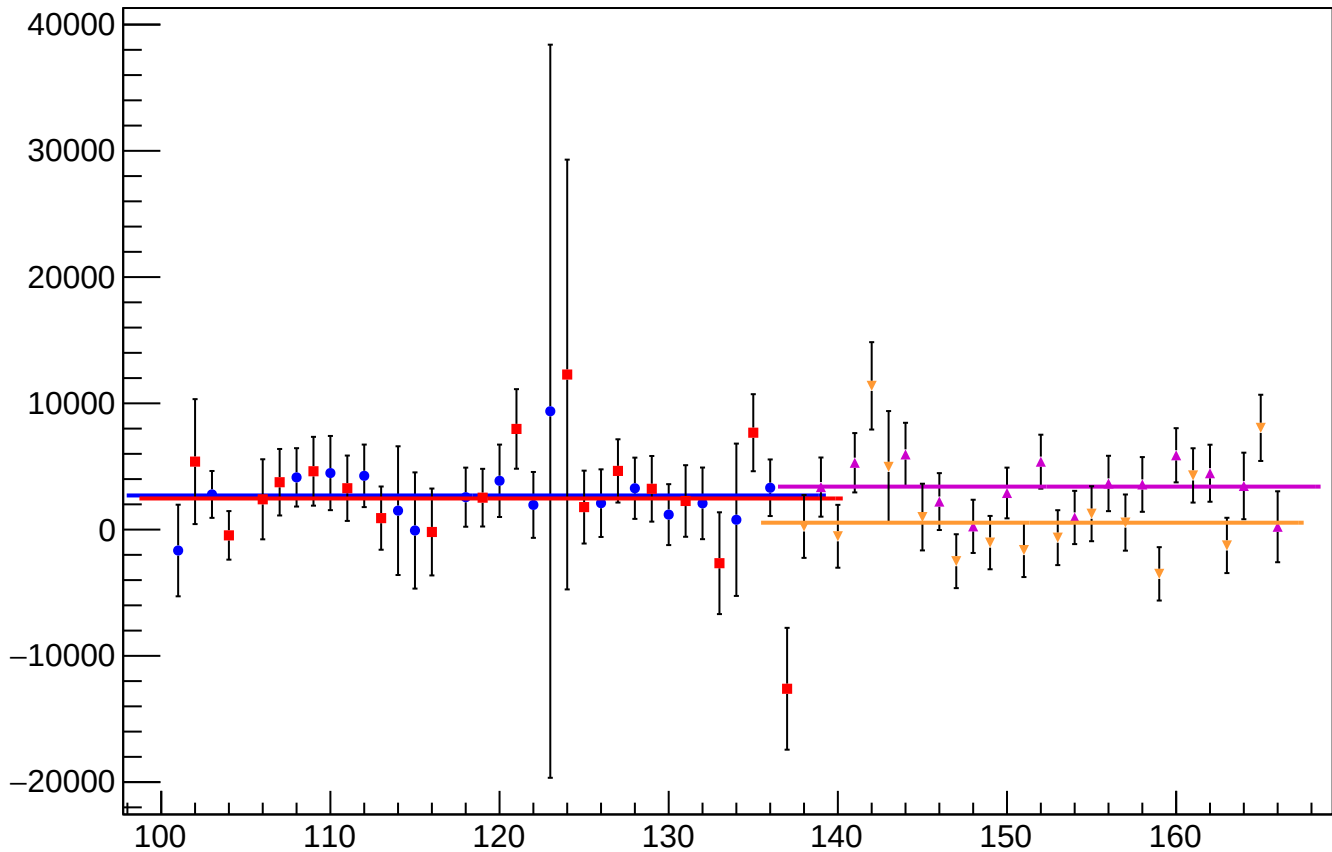
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

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

Out: 2012.383 $\pm$ 0.338 χ^2 /NDF: 1034141.2/32

All: 1999.369 $\pm$ 0.240 χ^2 /NDF: 1983509.4/63

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 546.254 $\pm$ 610.731 χ^2 /NDF:30.7/14

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

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

Left: 1991.069 $\pm$ 429.442 χ^2 /NDF: 51.0/28

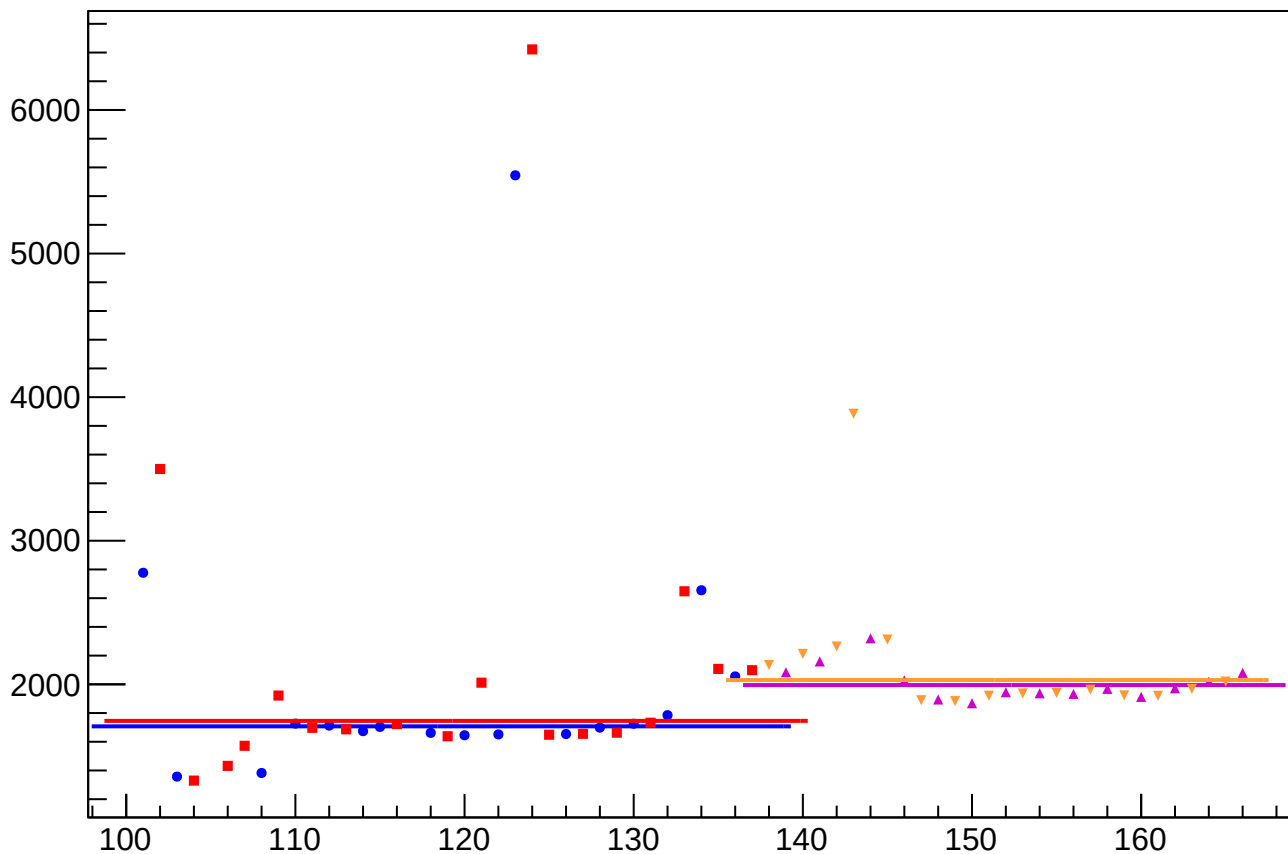
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

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

Out: 1398.210 $\pm$ 455.348 χ^2 /NDF:58.2/32

All: 2255.551 $\pm$ 319.989 χ^2 /NDF: 79.2/63

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2029.580+/-0.432 χ^2/NDF : 442481.4/14

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 1994.997+/-0.427 χ^2/NDF : 68963.1/13

Left: 2012.096+/-0.304 χ^2/NDF : 514686.7/28

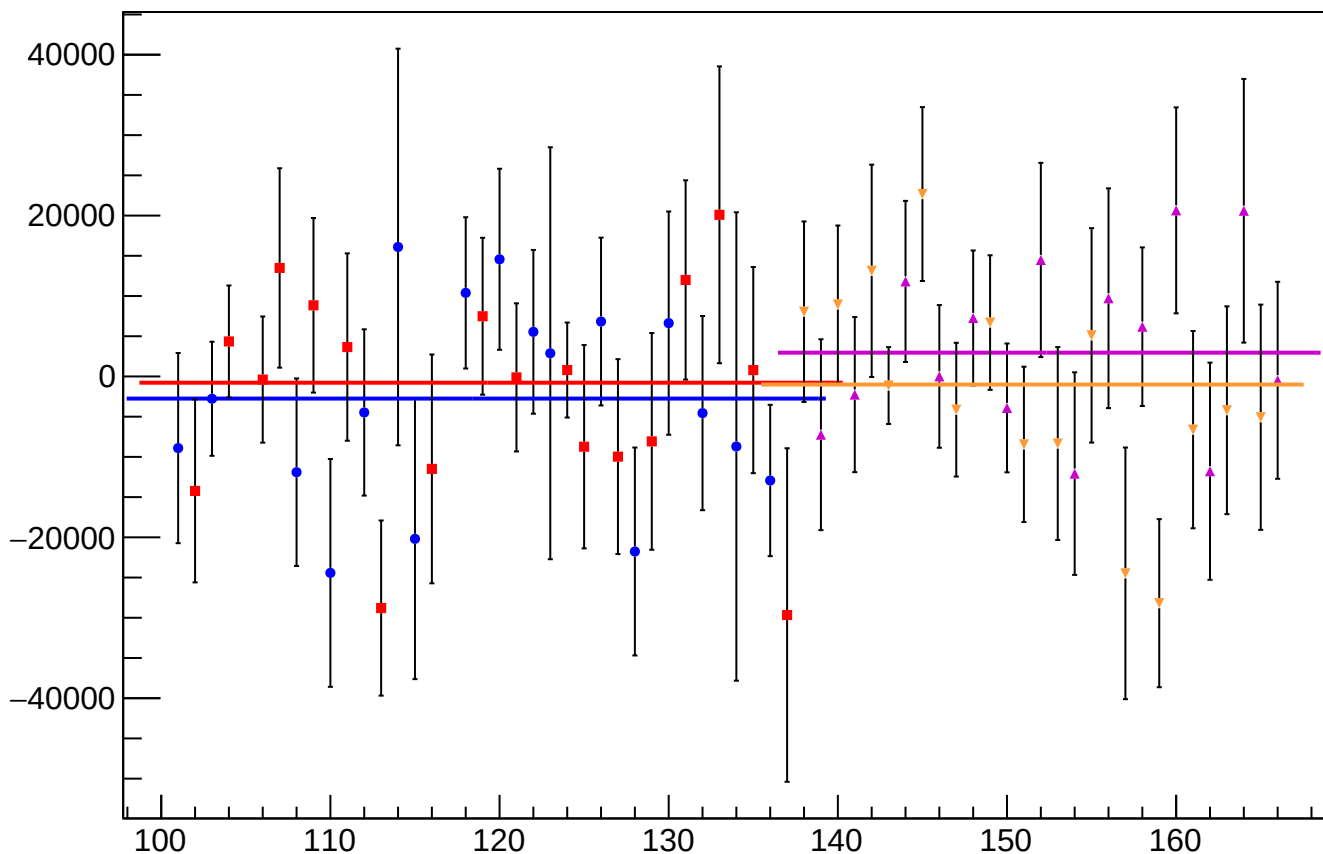
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1866.883+/-0.318 χ^2/NDF : 693151.5/30

Out: 1903.400+/-0.322 χ^2/NDF : 1333890.9/32

All: 1884.919+/-0.226 χ^2/NDF : 2033554.0/63

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1005.681+/-2504.303 χ^2/NDF : 19.2/14

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

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

Left: 705.230+/-1887.830 χ^2/NDF : 30.2/28

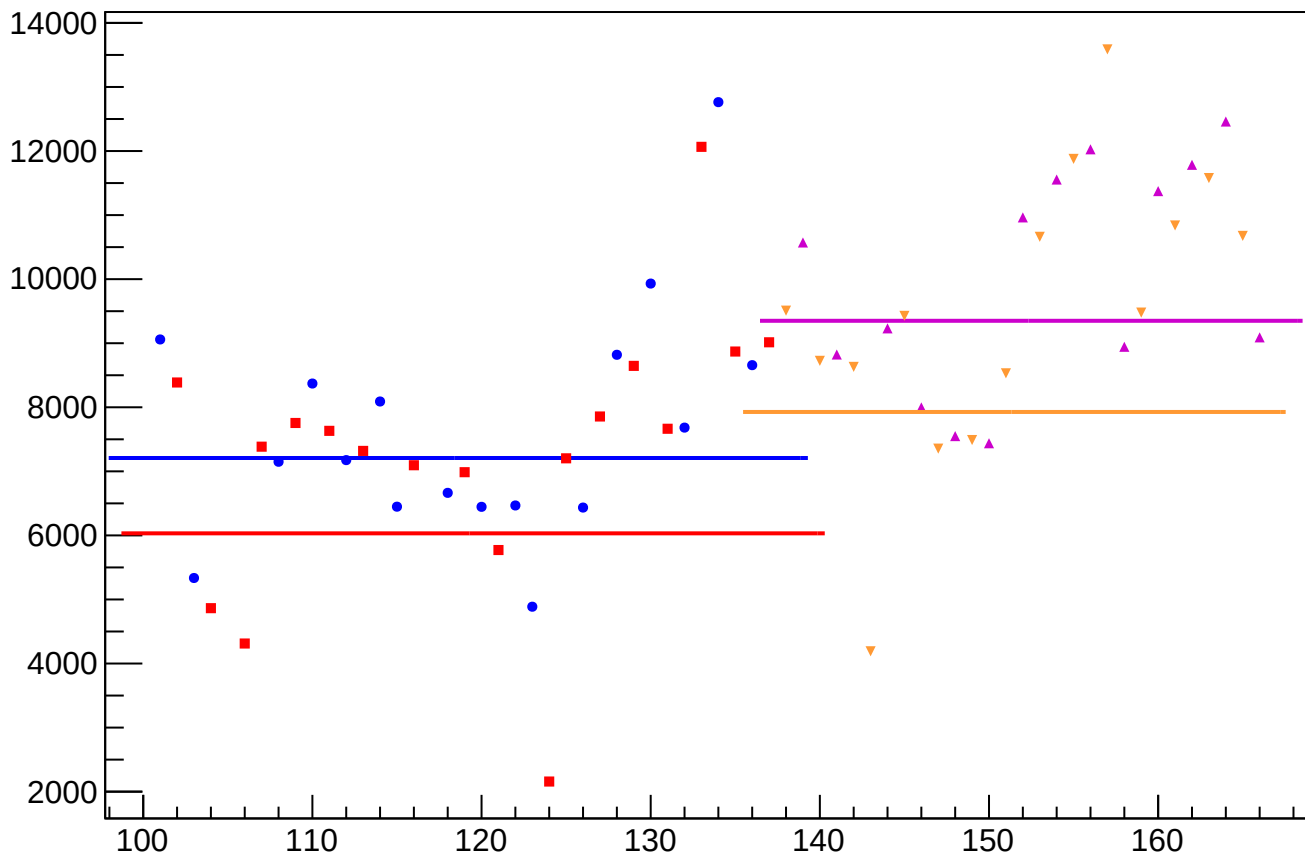
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

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

Out: -887.337+/-1747.921 χ^2/NDF : 36.9/32

All: -476.499+/-1321.957 χ^2/NDF : 63.6/63

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7926.972+/-1.771 χ^2/NDF : 2276932.0/14

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

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

Left: 8541.373+/-1.335 χ^2/NDF : 3200908.9/28

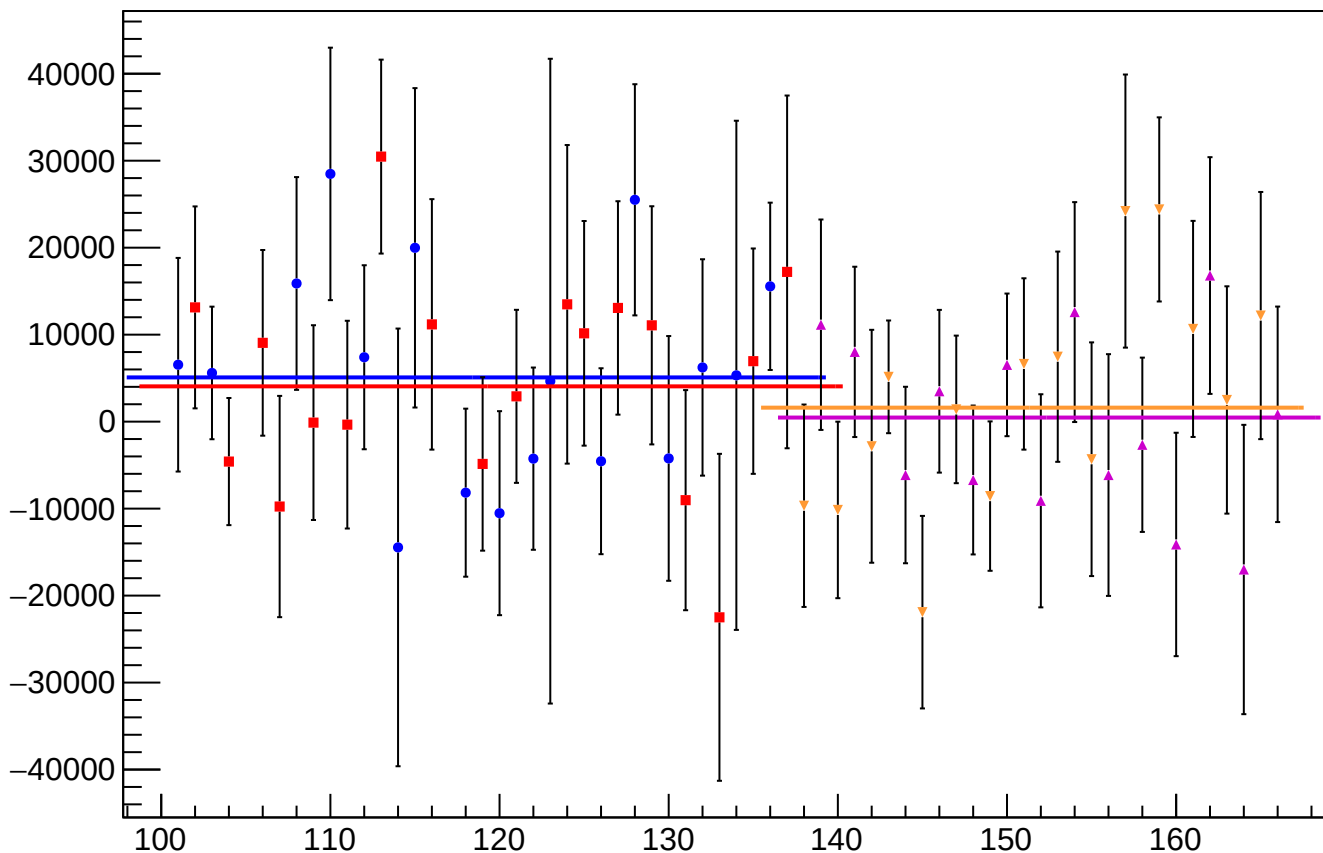
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

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

Out: 6955.250+/-1.236 χ^2/NDF : 4661656.0/32

All: 7516.985+/-0.935 χ^2/NDF : 6844810.1/63

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1607.559 $\pm$ 2720.837 χ^2 /NDF: 17.1/14

Right Out: 4055.589 $\pm$ 2800.076 χ^2 /NDF: 15.2/17

Left In: 468.931 $\pm$ 2928.702 χ^2 /NDF: 8.8/13

Left: 1080.082 $\pm$ 1993.361 χ^2 /NDF: 26.0/28

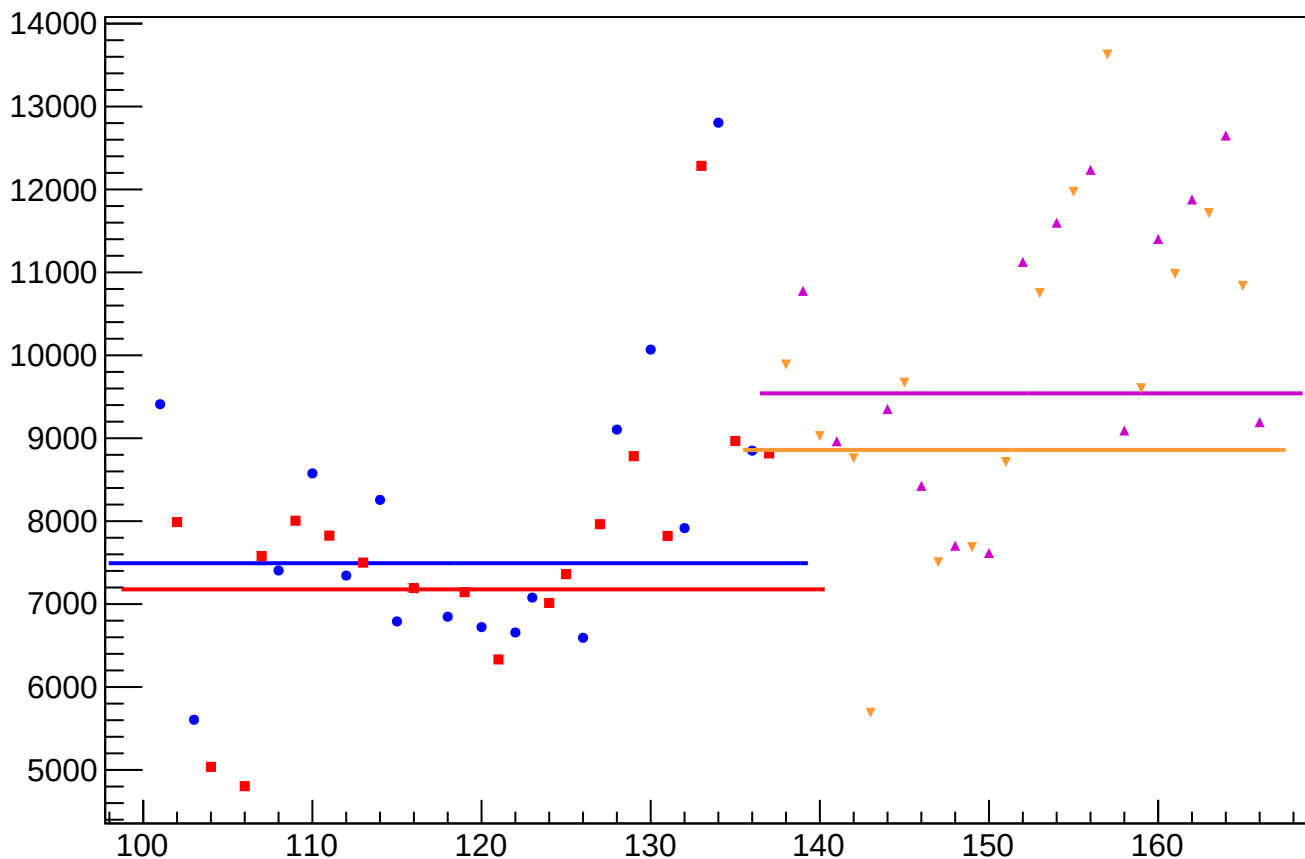
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 2755.958 $\pm$ 2080.226 χ^2 /NDF: 24.0/30

Out: 2796.446 $\pm$ 1951.334 χ^2 /NDF: 32.7/32

All: 2777.495 $\pm$ 1423.188 χ^2 /NDF: 56.7/63

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8859.227+/-1.924 χ^2/NDF : 1137407.0/14

Right Out: 7177.811+/-1.980 χ^2/NDF : 555902.2/17

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

Left: 9175.119+/-1.410 χ^2/NDF : 1793232.3/28

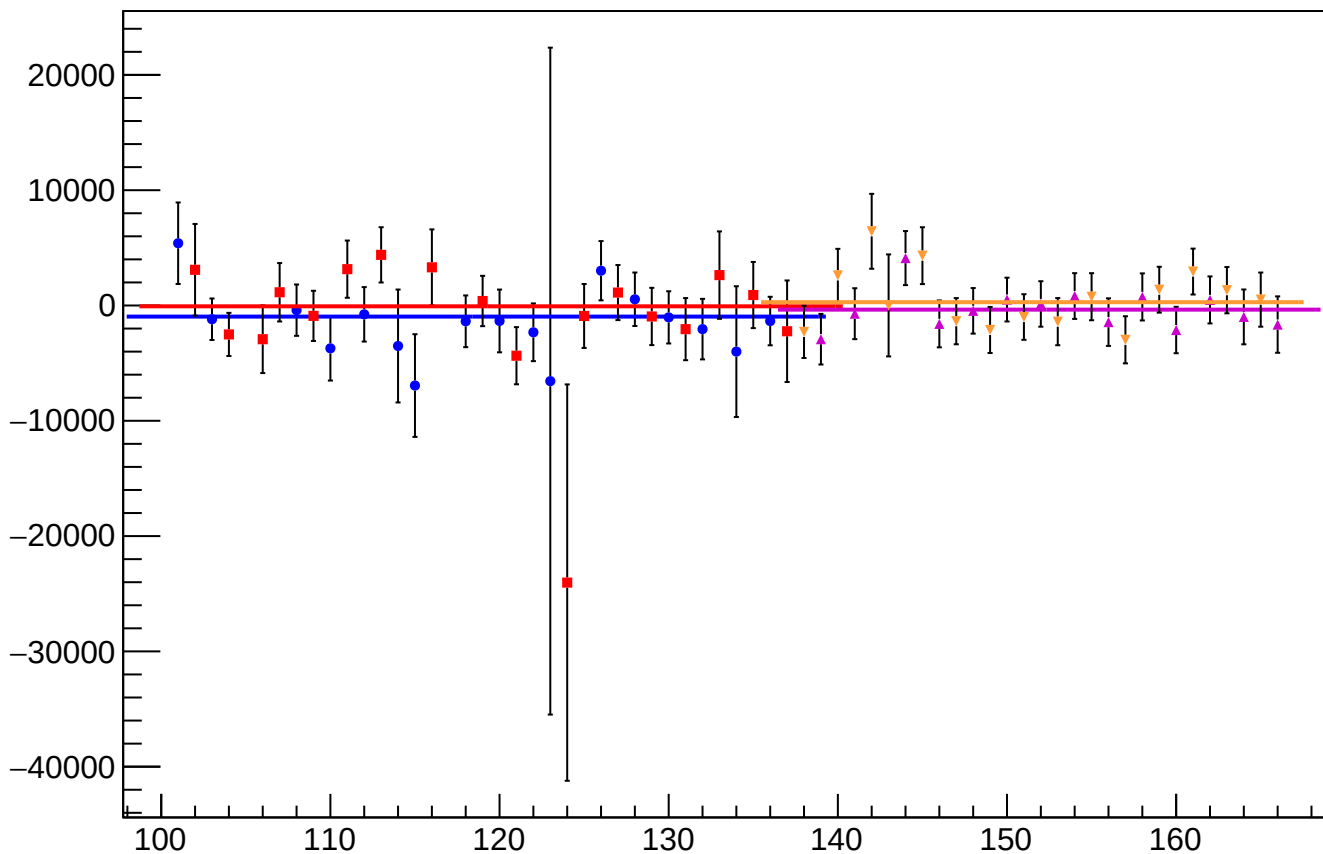
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

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

Out: 8042.538+/-1.380 χ^2/NDF : 2064294.6/32

All: 8268.925+/-1.006 χ^2/NDF : 3641231.3/63

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 286.065+/-567.610 χ^2/NDF : 16.8/14

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: -359.229+/-560.137 χ^2/NDF : 7.9/13

Left: -40.858+/-398.692 χ^2/NDF : 25.3/28

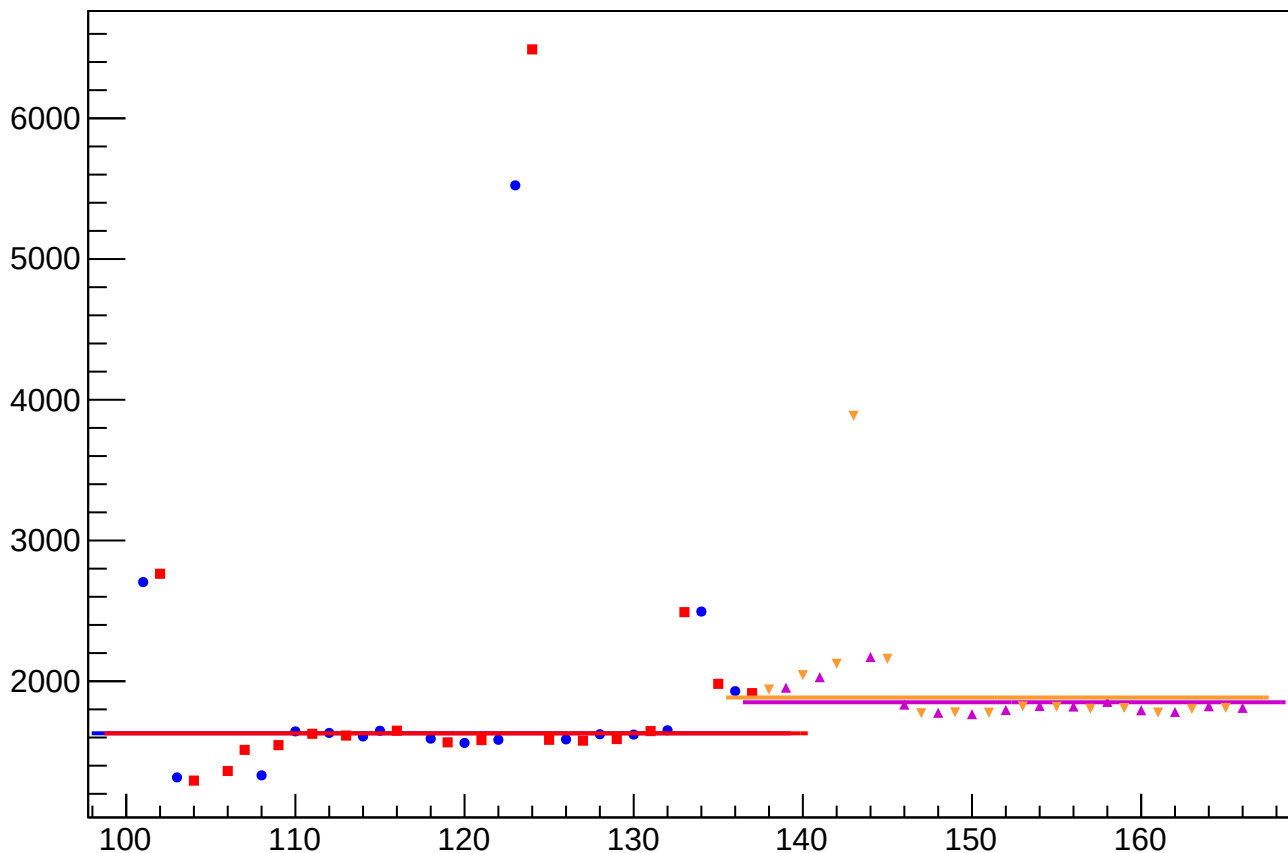
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -619.518+/-422.362 χ^2/NDF : 18.5/30

Out: 127.176+/-423.018 χ^2/NDF : 33.7/32

All: -246.751+/-298.887 χ^2/NDF : 53.7/63

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1884.329+/-0.401 χ^2/NDF : 495014.4/14

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1850.665+/-0.396 χ^2/NDF : 69102.8/13

Left: 1867.274+/-0.282 χ^2/NDF : 567681.3/28

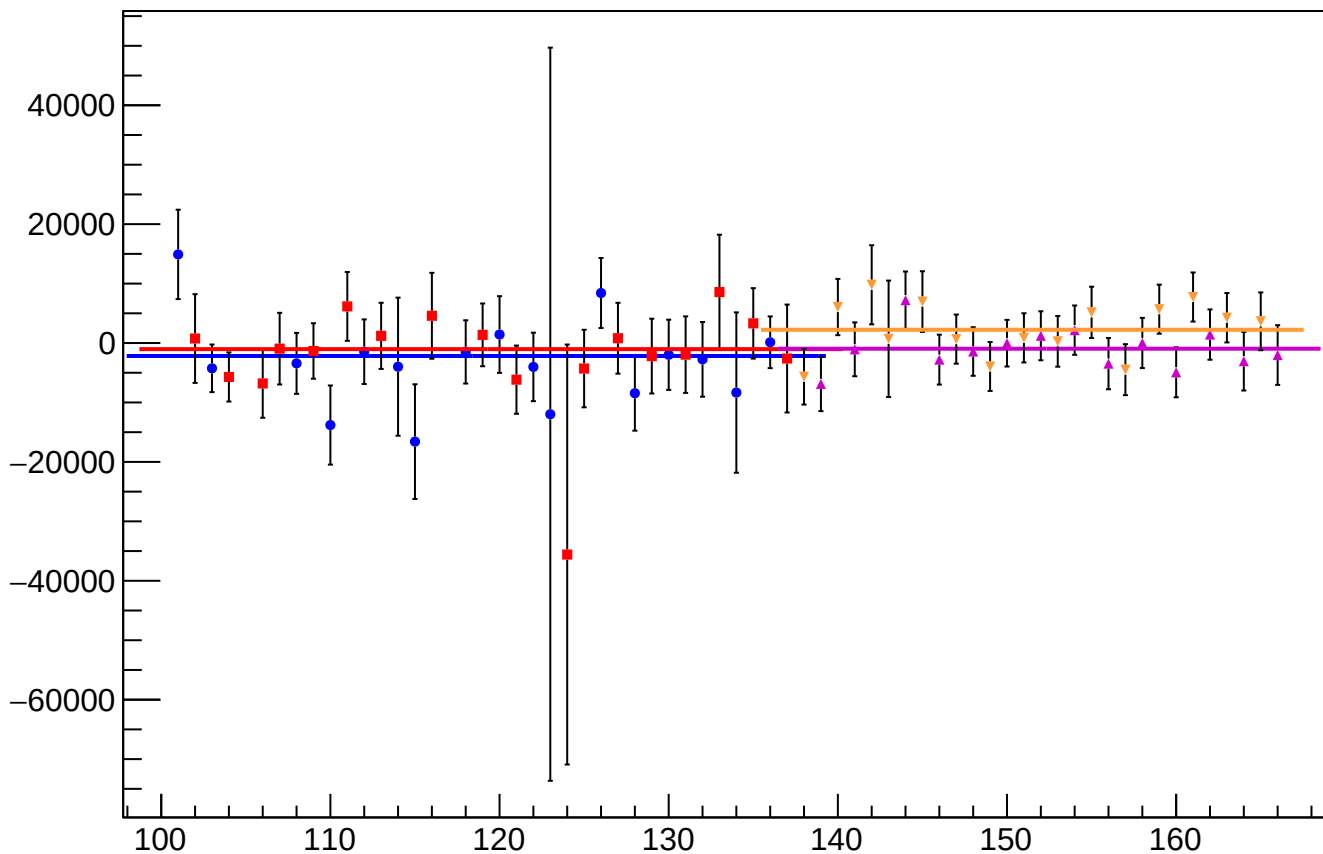
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1755.443+/-0.299 χ^2/NDF : 611224.1/30

Out: 1771.232+/-0.299 χ^2/NDF : 1231070.8/32

All: 1763.325+/-0.211 χ^2/NDF : 1843690.2/63

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2231.154+/-1179.965 χ^2/NDF :14.1/14

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

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

Left: 612.500+/-827.879 χ^2/NDF : 25.3/28

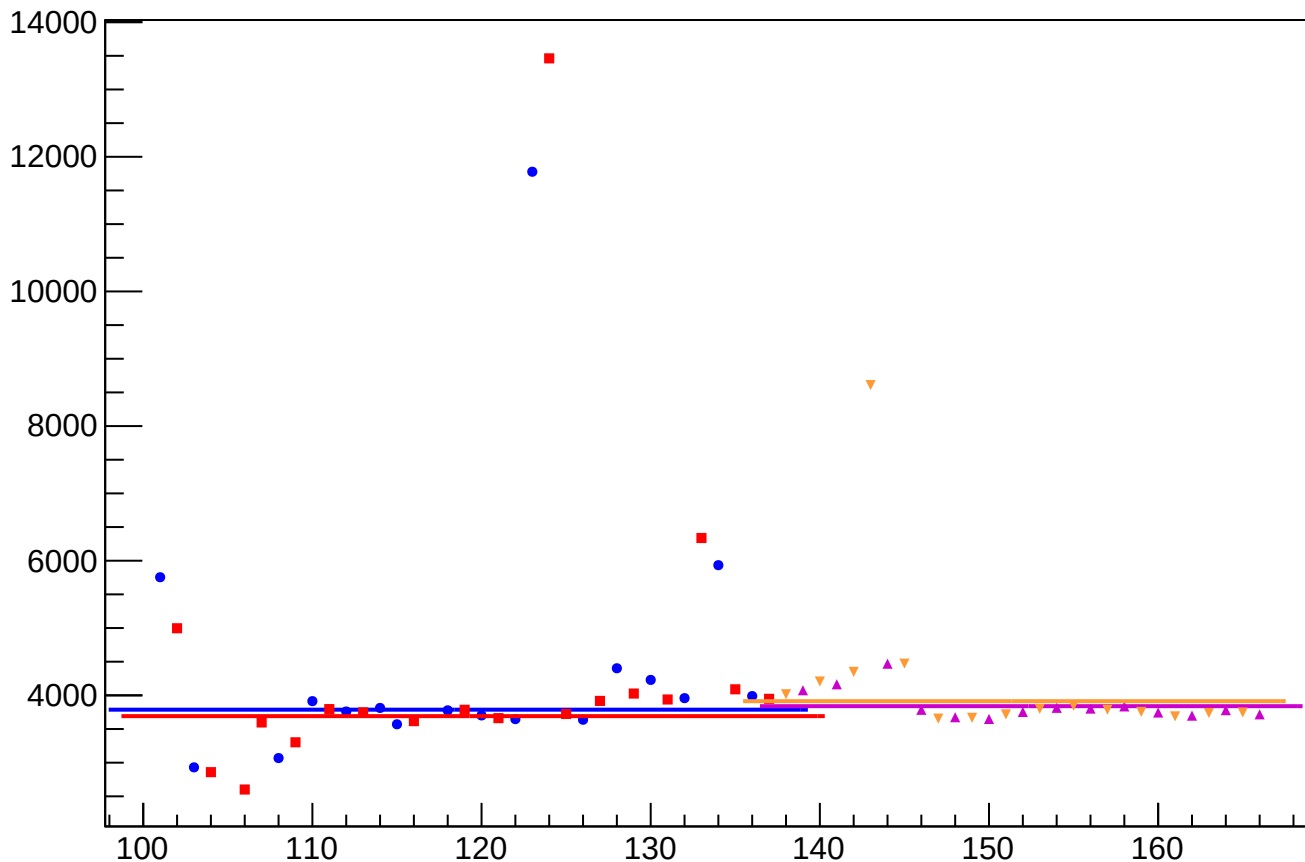
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

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

Out: 924.834+/-913.281 χ^2/NDF :25.7/32

All: -241.856+/-647.071 χ^2/NDF : 52.9/63

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3913.505+/-0.834 χ^2/NDF : 538528.9/14

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 3839.255+/-0.822 χ^2/NDF : 63776.0/13

Left: 3875.805+/-0.585 χ^2/NDF : 606325.8/28

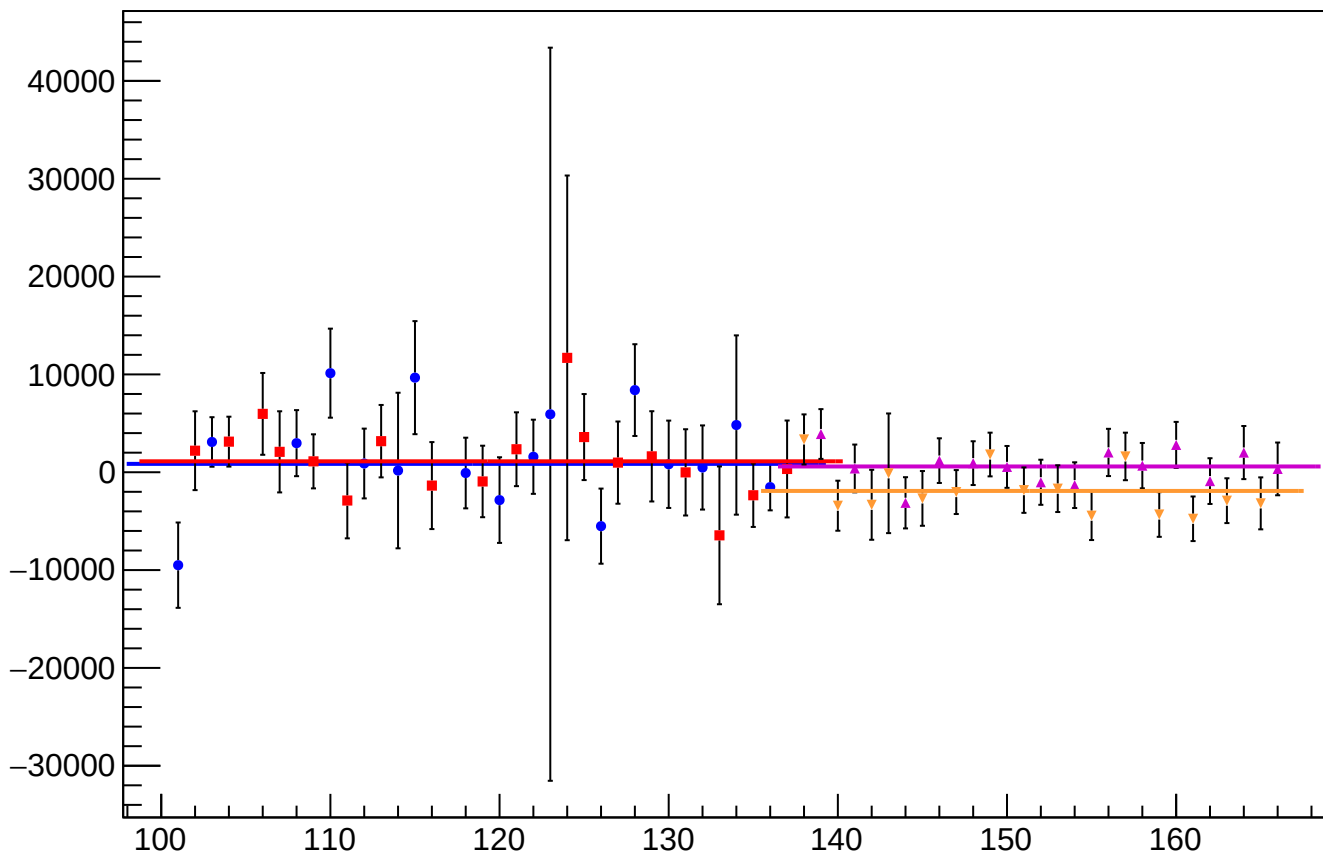
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3819.660+/-0.648 χ^2/NDF : 457935.1/30

Out: 3824.390+/-0.646 χ^2/NDF : 1122137.3/32

All: 3822.034+/-0.458 χ^2/NDF : 1580099.1/63

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1910.214 ± 652.935 χ^2/NDF : 13.9/14

Right Out: 1117.553 ± 927.195 χ^2/NDF : 7.3/17

Left In: 590.274 ± 639.619 χ^2/NDF : 6.9/13

Left: -634.212 ± 456.914 χ^2/NDF : 28.3/28

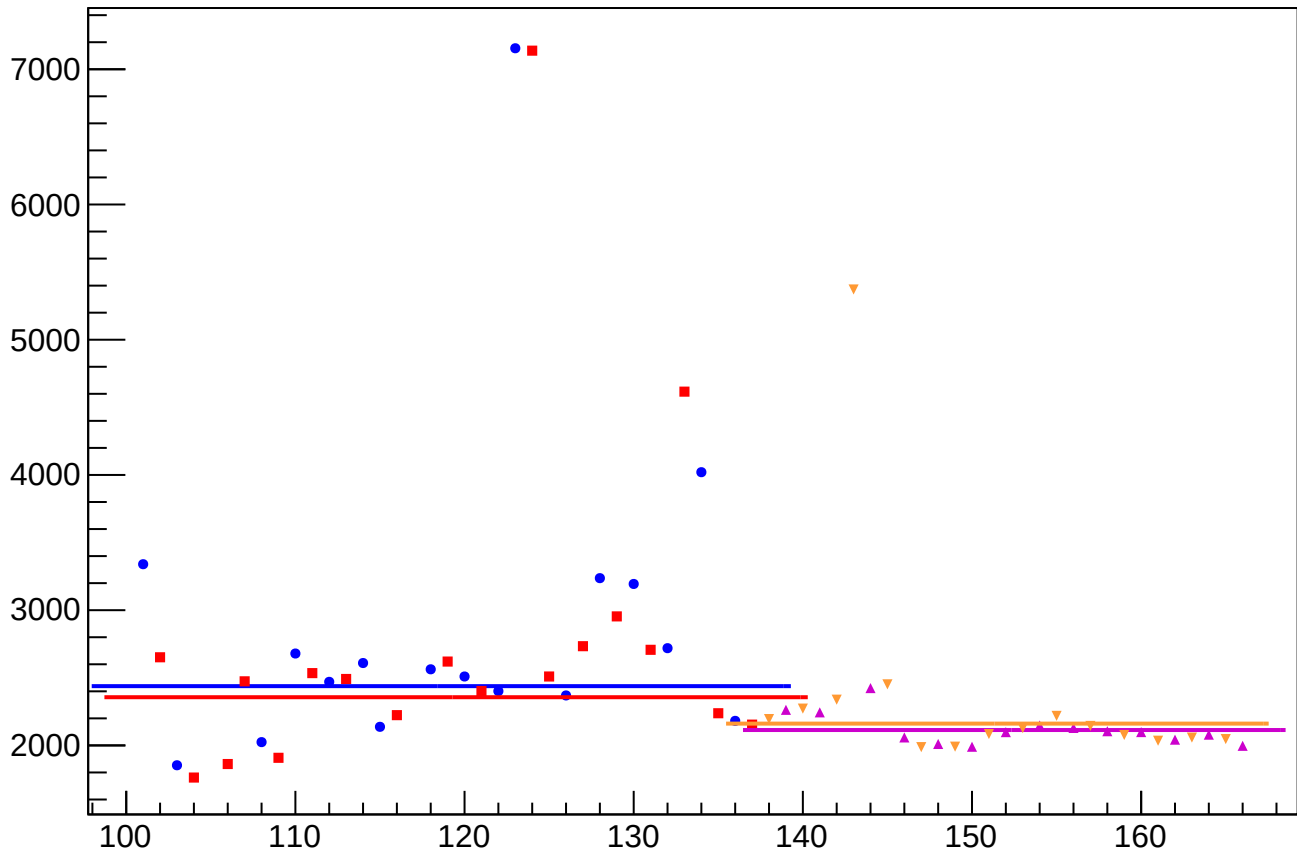
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 671.469 ± 533.097 χ^2/NDF : 27.6/30

Out: -906.484 ± 533.849 χ^2/NDF : 28.3/32

All: -116.396 ± 377.222 χ^2/NDF : 60.3/63

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2161.239+/-0.462 χ^2/NDF : 625768.5/14

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

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

Left: 2137.042+/-0.323 χ^2/NDF : 690549.5/28

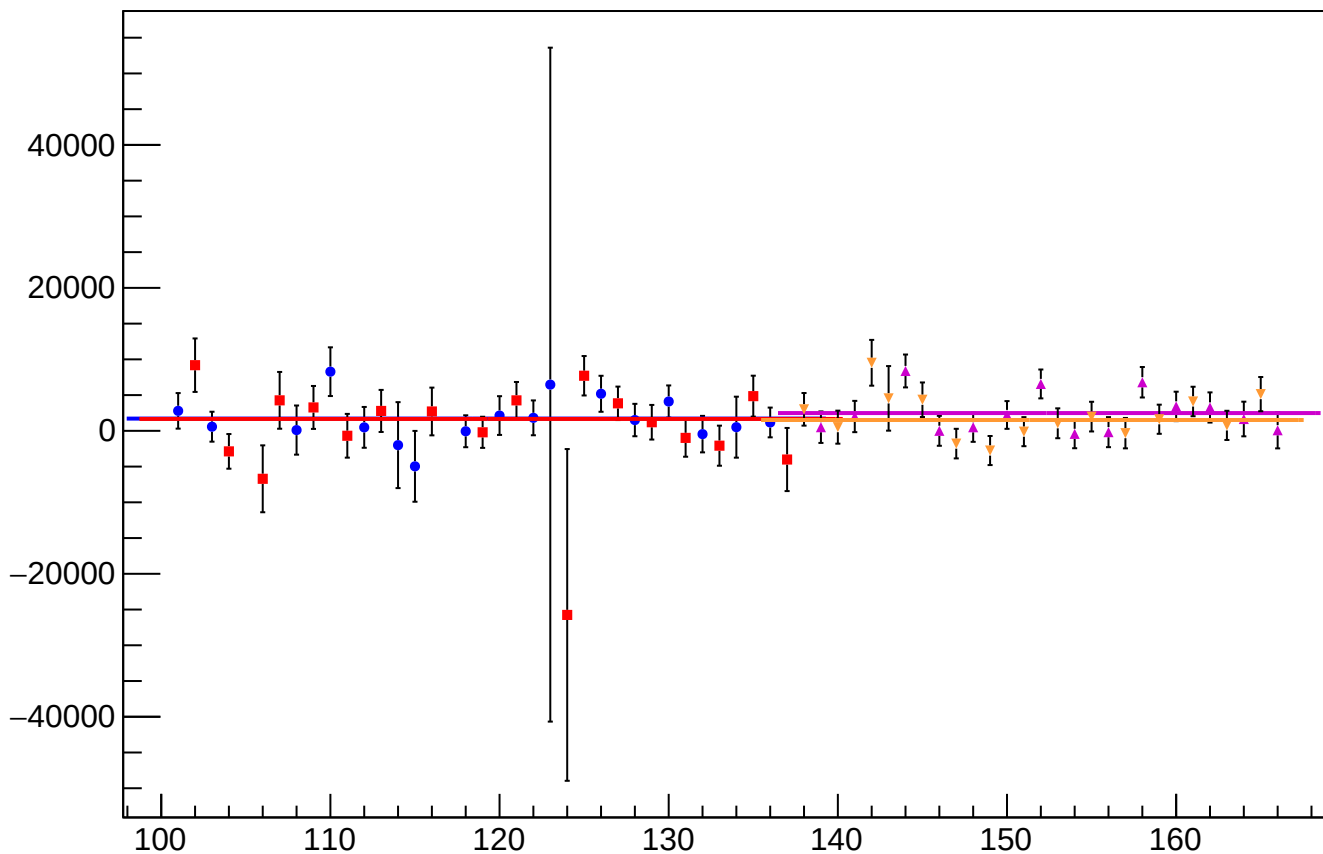
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

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

Out: 2225.938+/-0.377 χ^2/NDF : 1314138.3/32

All: 2219.406+/-0.267 χ^2/NDF : 2007995.9/63

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1516.103+/-578.599 χ^2/NDF : 21.1/14

Right Out: 1665.369+/-695.701 χ^2/NDF : 26.8/17

Left In: 2487.075+/-571.551 χ^2/NDF : 23.0/13

Left: 2007.539+/-406.616 χ^2/NDF : 45.6/28

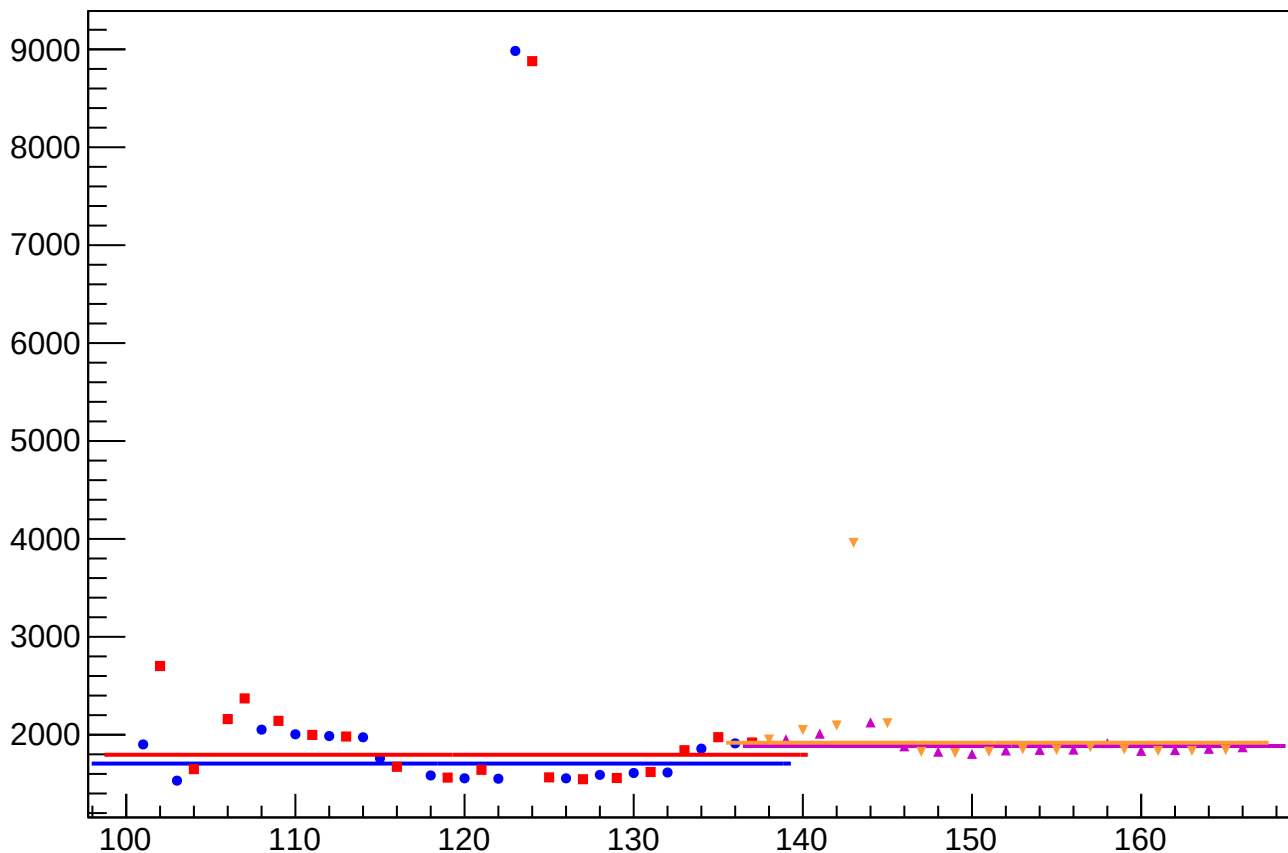
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2159.240+/-434.048 χ^2/NDF : 35.1/30

Out: 1577.134+/-444.854 χ^2/NDF : 48.0/32

All: 1875.343+/-310.668 χ^2/NDF : 84.0/63

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1918.433 $\pm$ 0.409 χ^2 /NDF: 464239.8/14

Right Out: 1795.574 $\pm$ 0.491 χ^2 /NDF: 518805.1/17

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

Left: 1901.530 $\pm$ 0.288 χ^2 /NDF: 508250.3/28

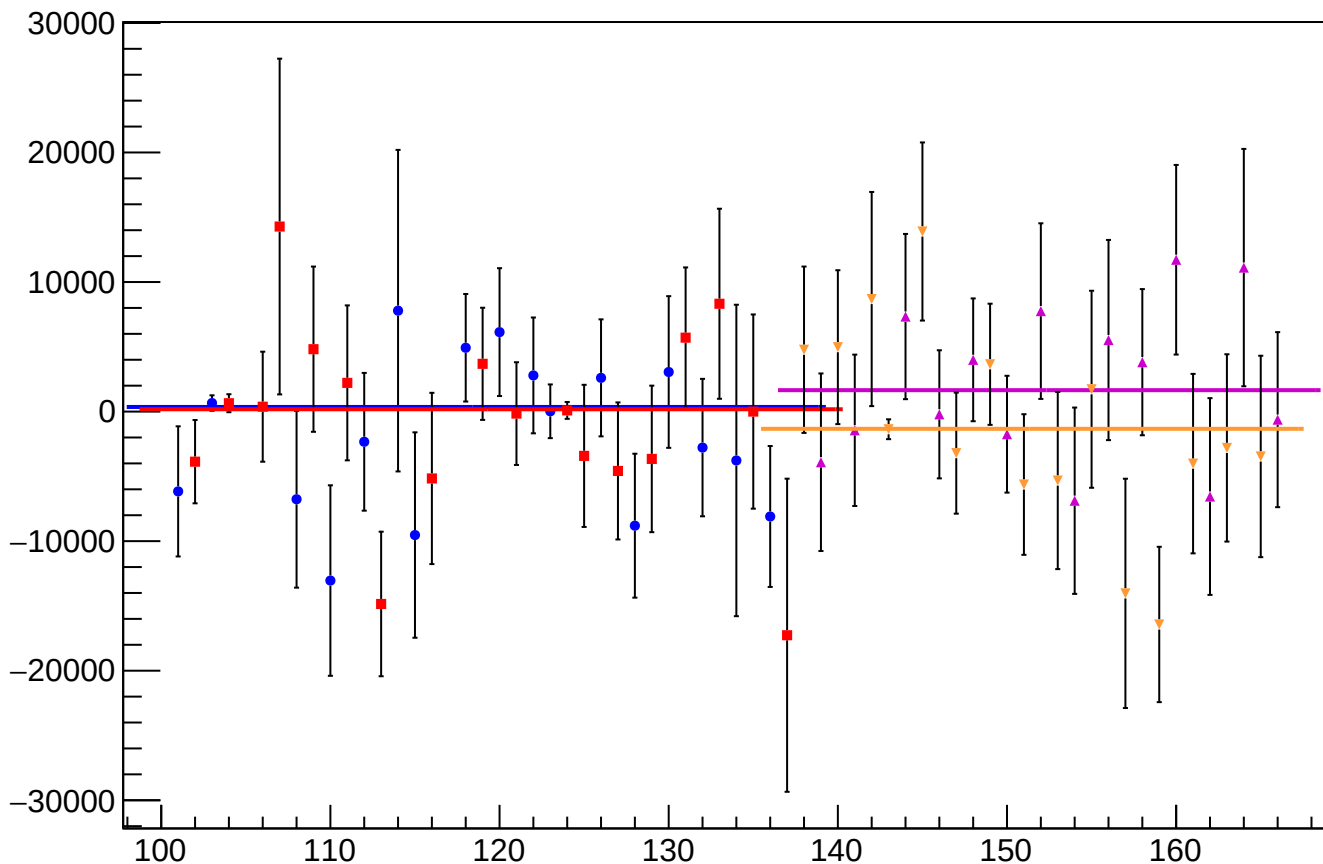
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

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

Out: 1868.069 $\pm$ 0.314 χ^2 /NDF: 1020010.8/32

All: 1837.883 $\pm$ 0.220 χ^2 /NDF: 1356264.1/63

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1329.287 $\pm$ 697.829 χ^2 /NDF:19.5/14

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

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

Left: -874.984 $\pm$ 642.496 χ^2 /NDF: 31.8/28

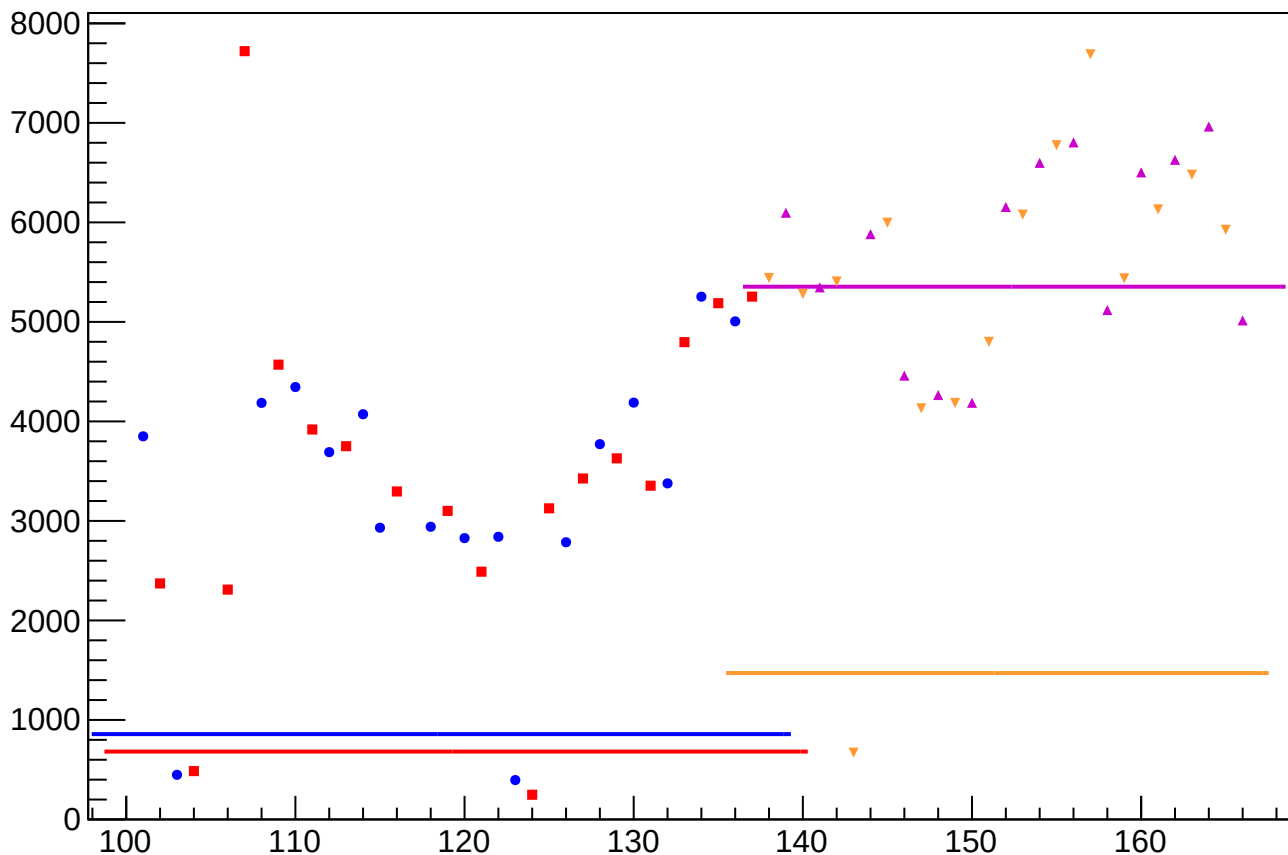
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

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

Out: -259.680 $\pm$ 376.397 χ^2 /NDF:41.3/32

All: 3.008 $\pm$ 302.273 χ^2 /NDF: 70.3/63

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1471.419 $\pm$ 0.493 χ^2 /NDF:13430571.9/14

Right Out: 682.114 $\pm$ 0.316 χ^2 /NDF: 9378570.8/17

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

Left: 2062.698 $\pm$ 0.454 χ^2 /NDF: 23534740.5/28

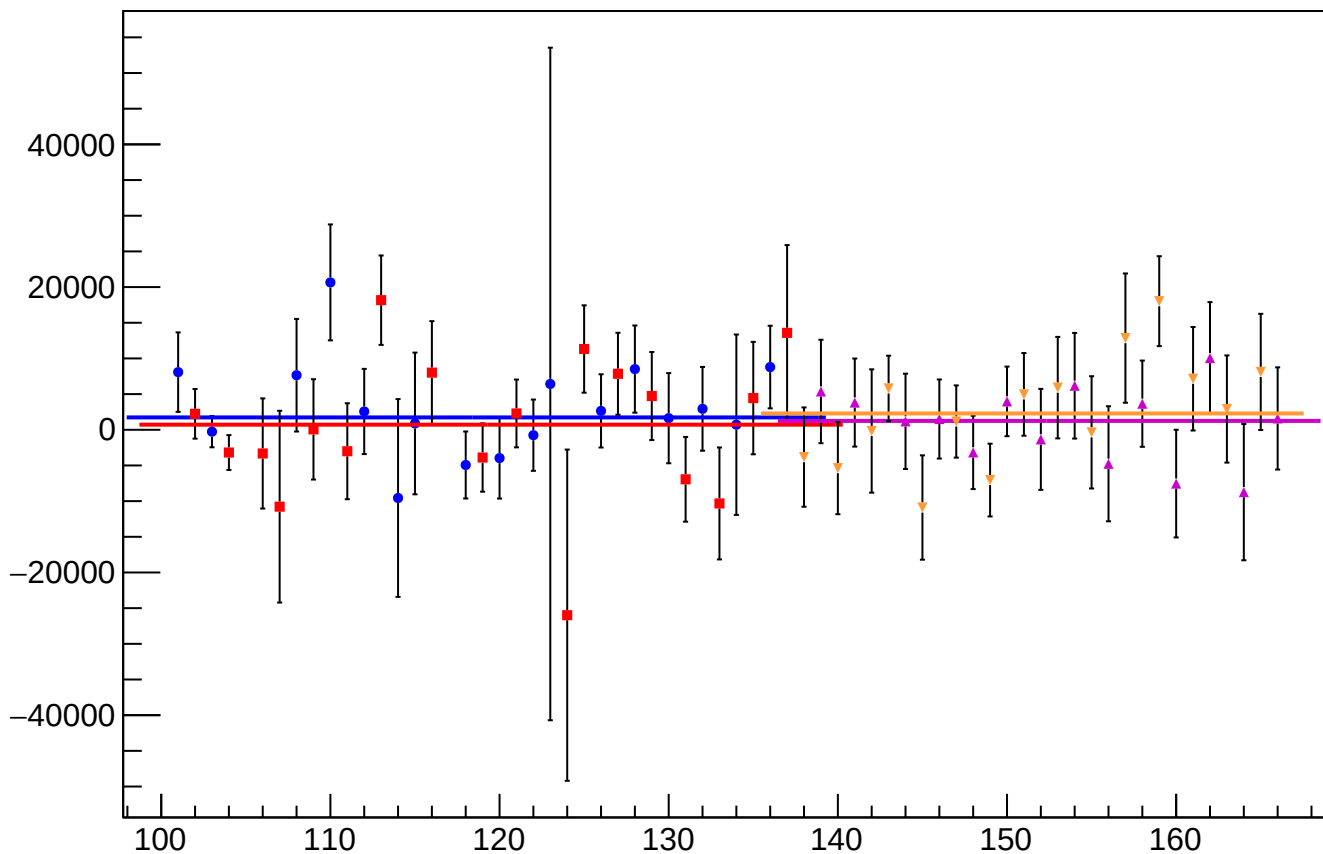
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

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

Out: 911.750 $\pm$ 0.266 χ^2 /NDF:24623439.3/32

All: 1044.046 $\pm$ 0.214 χ^2 /NDF: 47672040.0/66

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2285.977+/-1674.343 χ^2/NDF : 18.7/14

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

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

Left: 1788.309+/-1210.881 χ^2/NDF : 25.4/28

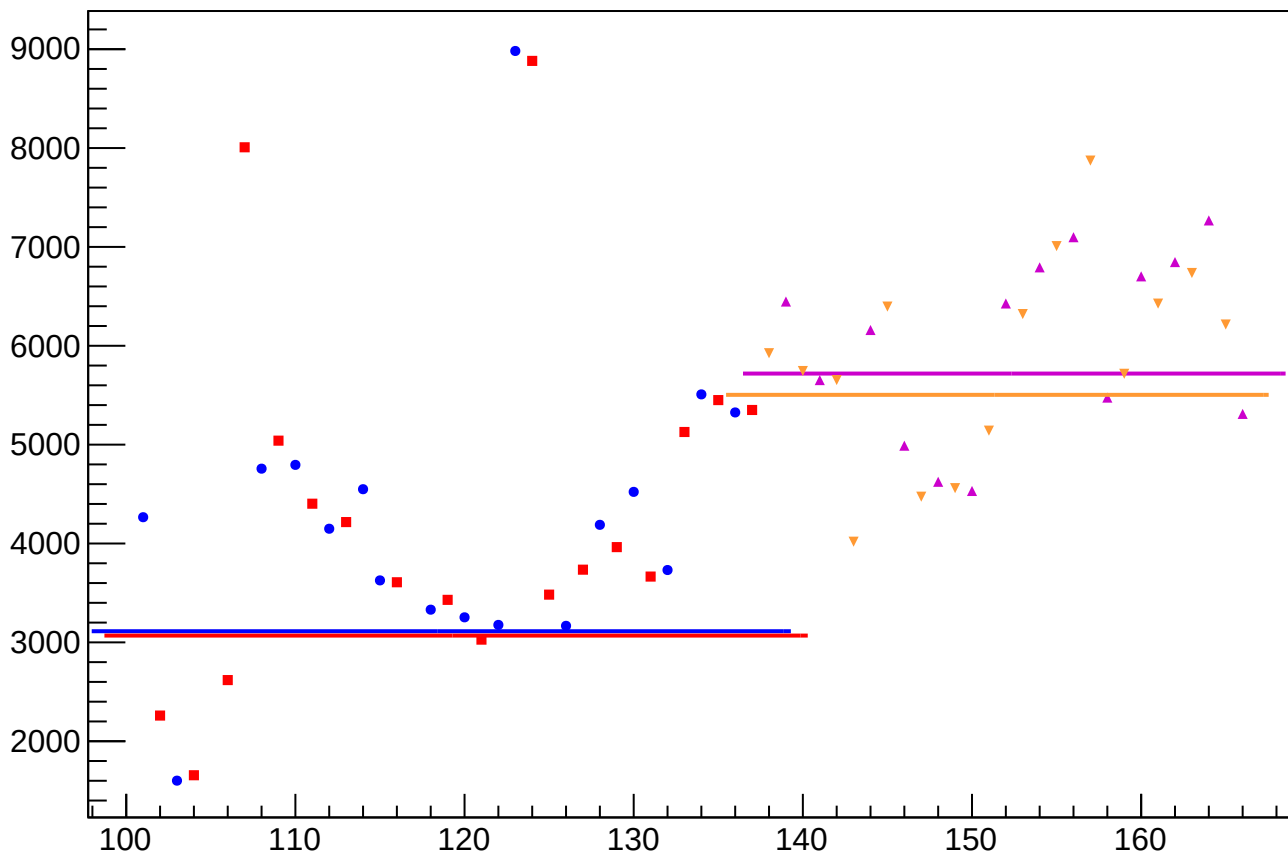
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 1300.883+/-1022.229 χ^2/NDF : 44.3/32

All: 1426.612+/-731.304 χ^2/NDF : 65.9/63

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5503.698+/-1.184 χ^2/NDF : 749866.9/14

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 5718.949+/-1.240 χ^2/NDF : 531166.6/13

Left: 5606.369+/-0.856 χ^2/NDF : 1296800.1/28

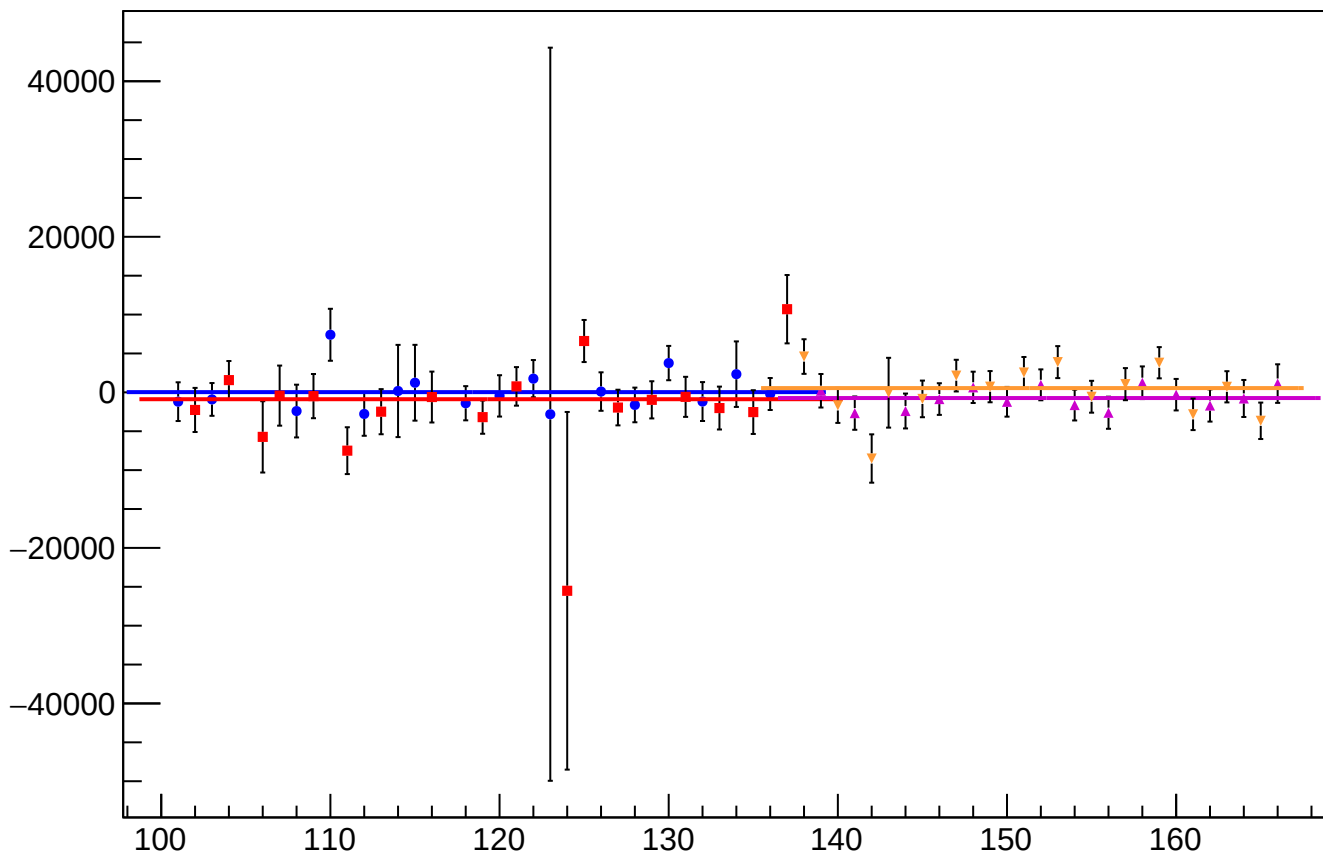
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 4041.468+/-0.740 χ^2/NDF : 5260186.6/30

Out: 3959.626+/-0.716 χ^2/NDF : 5433869.8/32

All: 3999.203+/-0.515 χ^2/NDF : 10700371.7/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 547.747 ± 567.544 χ^2/NDF : 26.4/14

Right Out: -882.685 ± 674.623 χ^2/NDF : 25.6/17

Left In: -731.995 ± 560.737 χ^2/NDF : 5.6/13

Left: -99.844 ± 398.886 χ^2/NDF : 34.6/28

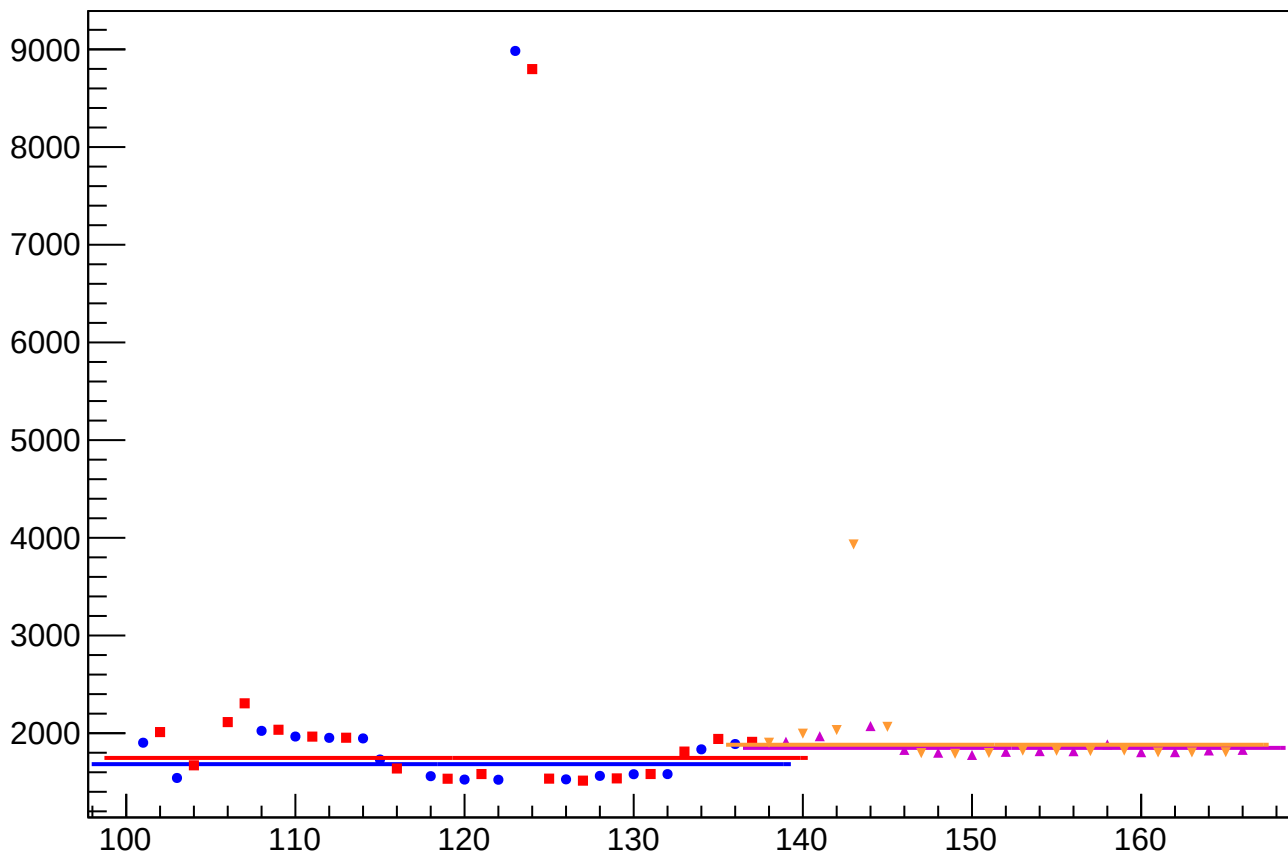
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -412.030 ± 426.897 χ^2/NDF : 18.2/30

Out: -45.070 ± 434.298 χ^2/NDF : 54.7/32

All: -231.703 ± 304.445 χ^2/NDF : 73.2/63

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 ± 0.466 $\chi^2/\text{NDF}: 195857.2/16$

Left Out: 1881.771 ± 0.401 $\chi^2/\text{NDF}: 466527.8/14$

Right Out: 1746.802 ± 0.476 $\chi^2/\text{NDF}: 406724.0/17$

Left In: 1849.663 ± 0.397 $\chi^2/\text{NDF}: 36731.3/13$

Left: 1865.524 ± 0.282 $\chi^2/\text{NDF}: 506498.3/28$

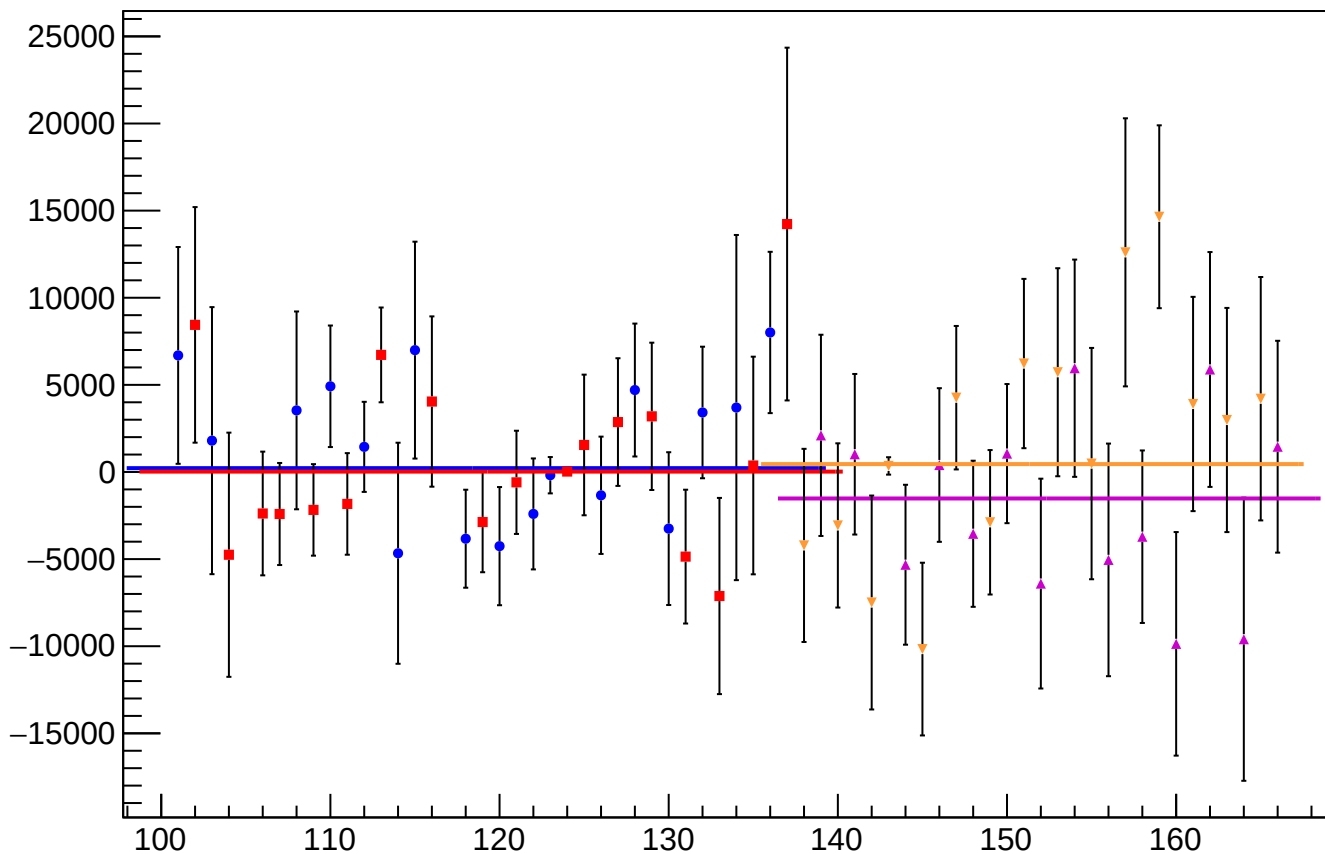
Right: 1714.259 ± 0.333 $\chi^2/\text{NDF}: 611728.2/34$

In: 1779.650 ± 0.302 $\chi^2/\text{NDF}: 306755.1/30$

Out: 1825.691 ± 0.307 $\chi^2/\text{NDF}: 920249.4/32$

All: 1802.296 ± 0.215 $\chi^2/\text{NDF}: 1238446.8/63$

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 452.424 $\pm$ 471.881 χ^2 /NDF:21.8/14

Right Out: 21.945 $\pm$ 114.135 χ^2 /NDF: 18.6/17

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

Left: 254.521 $\pm$ 447.590 χ^2 /NDF: 32.5/28

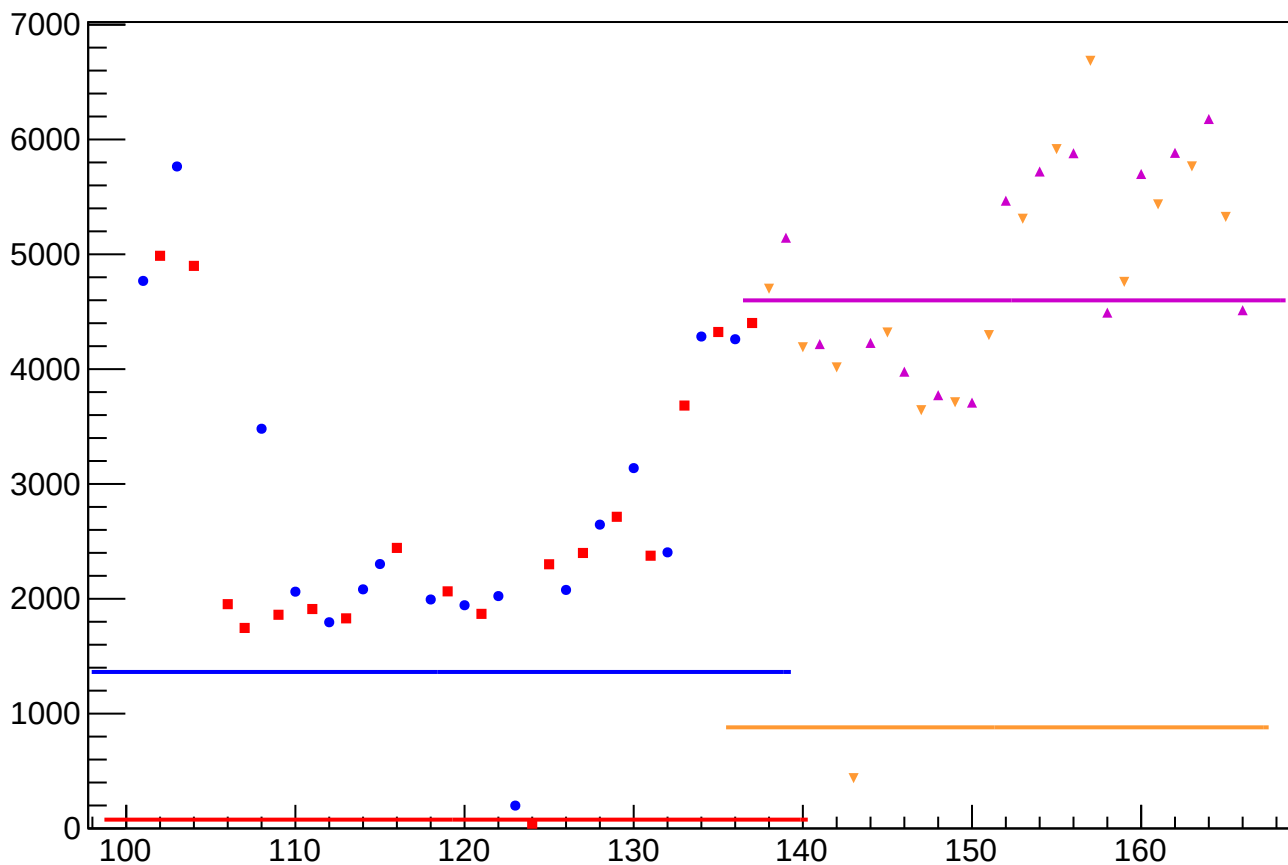
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

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

Out: 45.737 $\pm$ 110.936 χ^2 /NDF:41.2/32

All: 40.368 $\pm$ 109.317 χ^2 /NDF: 67.2/63

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 880.622 $\pm$ 0.334 χ^2 /NDF: 15356743.9/14

Right Out: 76.832 $\pm$ 0.081 χ^2 /NDF: 13114372.5/17

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

Left: 1253.574 $\pm$ 0.316 χ^2 /NDF: 28461756.7/28

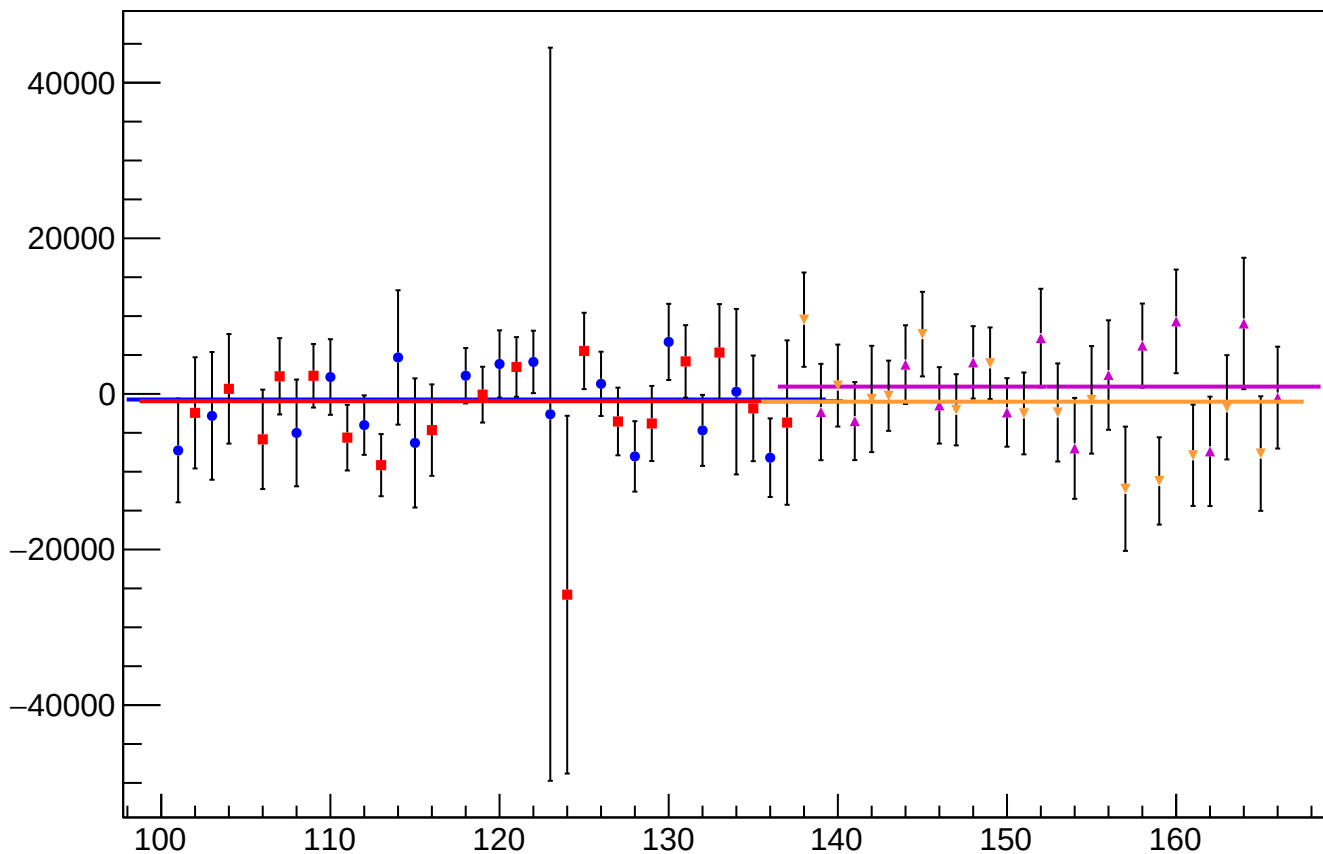
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

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

Out: 121.257 $\pm$ 0.078 χ^2 /NDF: 33953346.7/32

All: 176.596 $\pm$ 0.077 χ^2 /NDF: 66334474.3/63

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -1000.906+/-1479.795 χ^2/NDF :14.3/14

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

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

Left: -63.660+/-1063.665 χ^2/NDF : 25.2/28

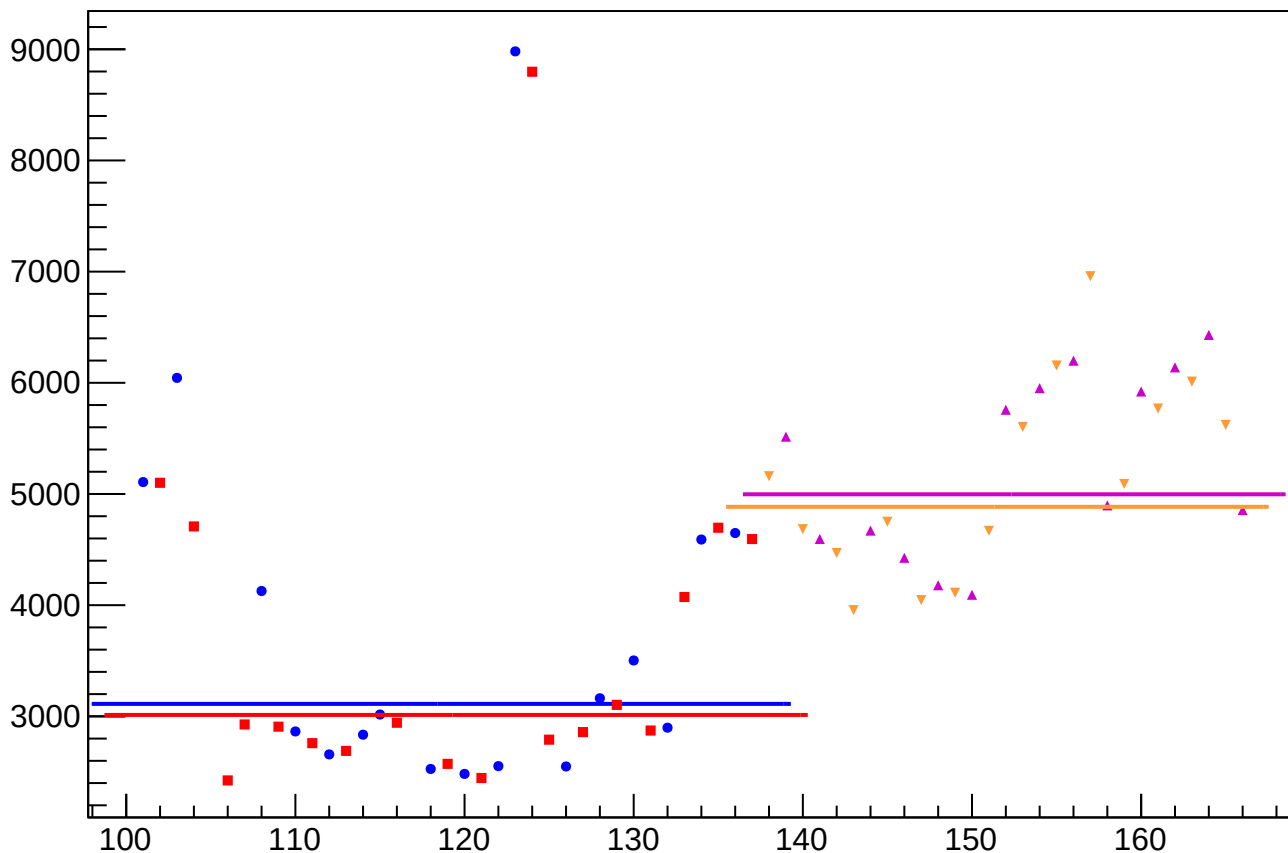
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -959.010+/-929.452 χ^2/NDF :29.2/32

All: -526.145+/-670.823 χ^2/NDF : 55.2/63

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4884.701+/-1.046 χ^2/NDF : 571997.5/14

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

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

Left: 4939.082+/-0.752 χ^2/NDF : 1066654.0/28

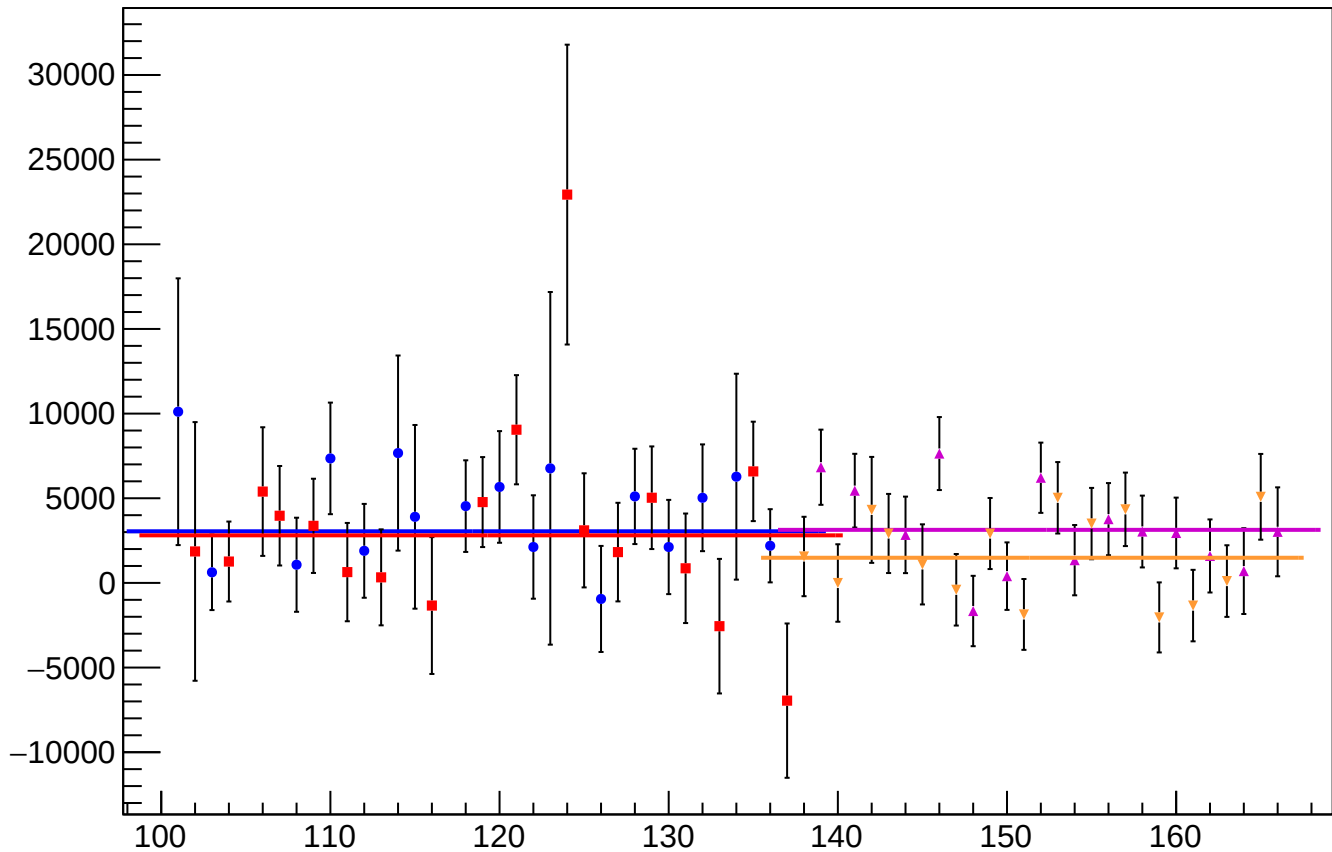
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

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

Out: 3740.009+/-0.652 χ^2/NDF : 3303331.9/32

All: 3801.132+/-0.472 χ^2/NDF : 6587049.8/63

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1485.435 $\pm$ 575.861 χ^2/NDF : 18.1/14

Right Out: 2809.116 $\pm$ 766.213 χ^2/NDF : 22.0/17

Left In: 3133.675 $\pm$ 581.272 χ^2/NDF : 20.0/13

Left: 2301.848 $\pm$ 409.095 χ^2/NDF : 42.1/28

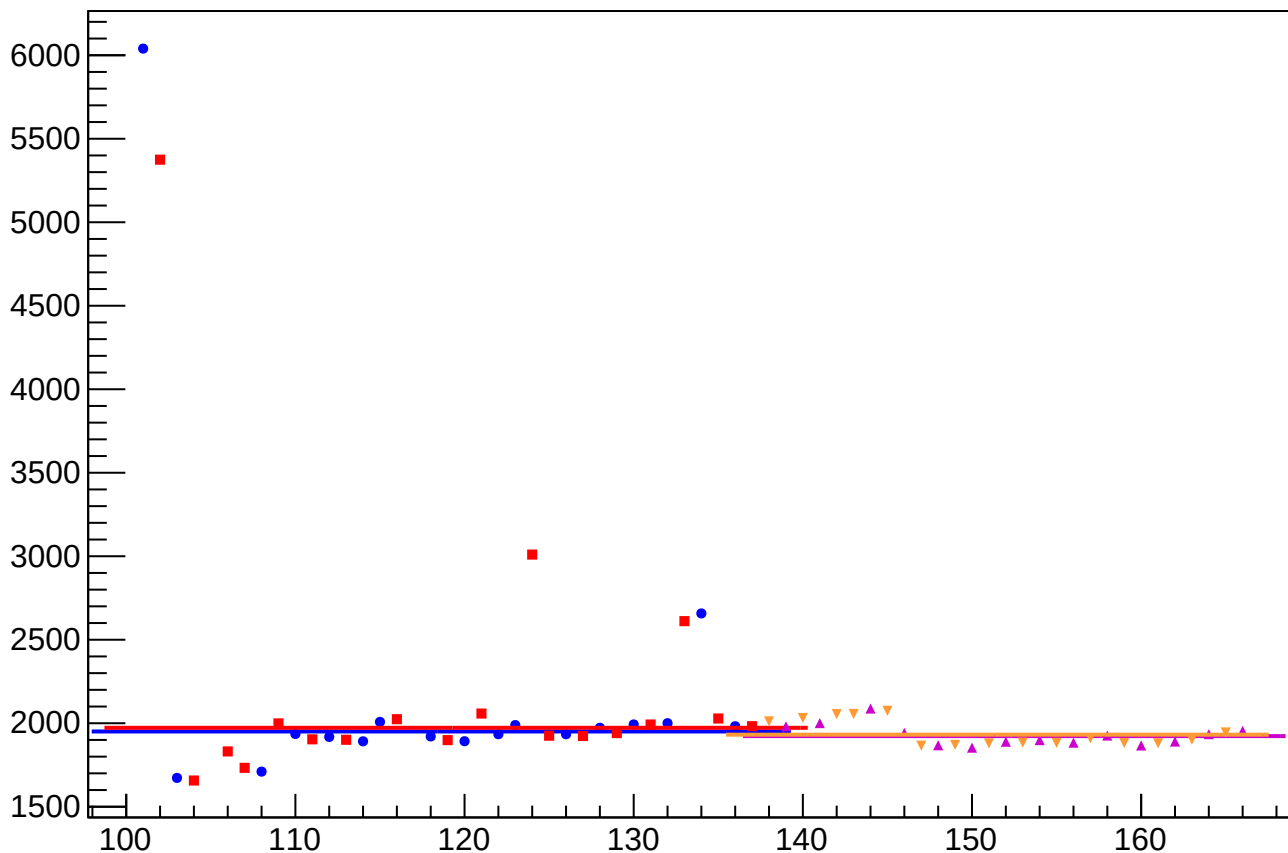
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3103.085 $\pm$ 464.431 χ^2/NDF : 29.3/30

Out: 1963.235 $\pm$ 460.342 χ^2/NDF : 42.0/32

All: 2528.121 $\pm$ 326.947 χ^2/NDF : 74.3/63

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.494+/-0.407 χ^2/NDF : 32088.8/14

Right Out: 1972.726+/-0.541 χ^2/NDF : 535670.1/17

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

Left: 1927.264+/-0.289 χ^2/NDF : 54590.8/28

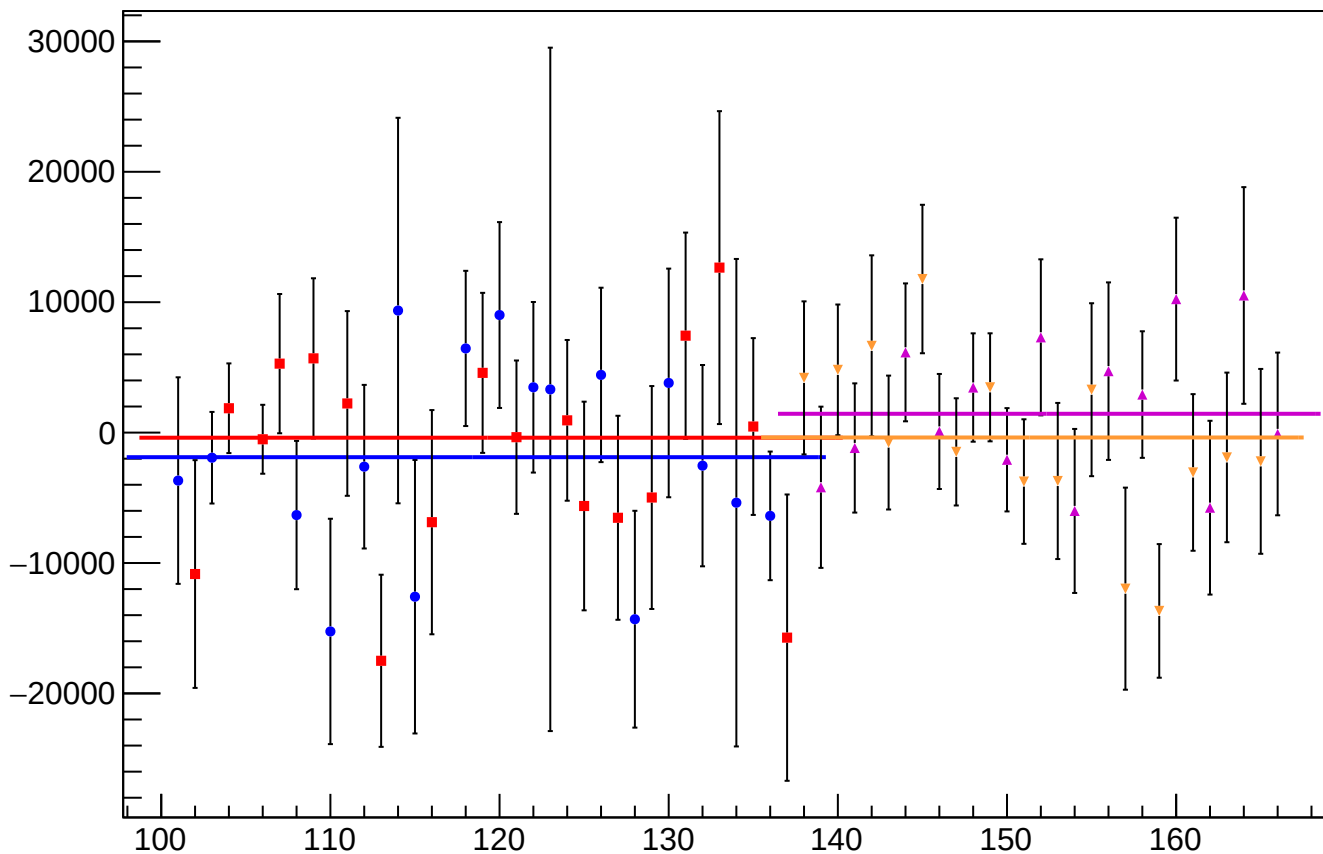
Right: 1961.803+/-0.385 χ^2/NDF : 1151656.3/34

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

Out: 1946.388+/-0.325 χ^2/NDF : 571462.8/32

All: 1939.747+/-0.231 χ^2/NDF : 1211399.7/63

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -374.946 $\pm$ 1419.270 χ^2 /NDF:18.6/14

Right Out: -391.453 $\pm$ 1361.685 χ^2 /NDF: 17.6/17

Left In: 1442.801 $\pm$ 1441.359 χ^2 /NDF:10.1/13

Left: 519.892 $\pm$ 1011.295 χ^2 /NDF: 29.5/28

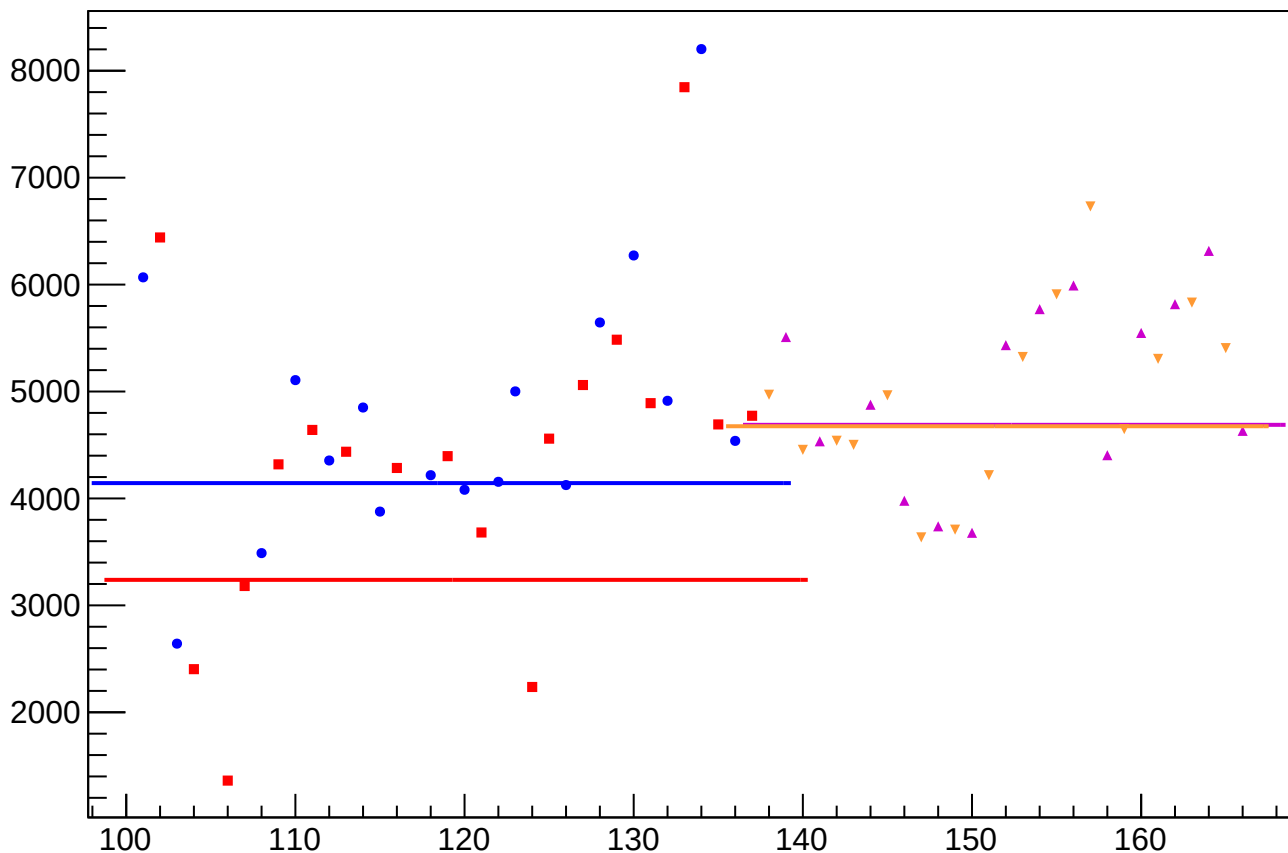
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: 10.235 $\pm$ 1087.775 χ^2 /NDF:26.5/30

Out: -383.541 $\pm$ 982.584 χ^2 /NDF:36.2/32

All: -206.609 $\pm$ 729.152 χ^2 /NDF: 62.8/63

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4675.221+/-1.004 χ^2/NDF : 612397.5/14

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

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

Left: 4681.721+/-0.715 χ^2/NDF : 1280926.8/28

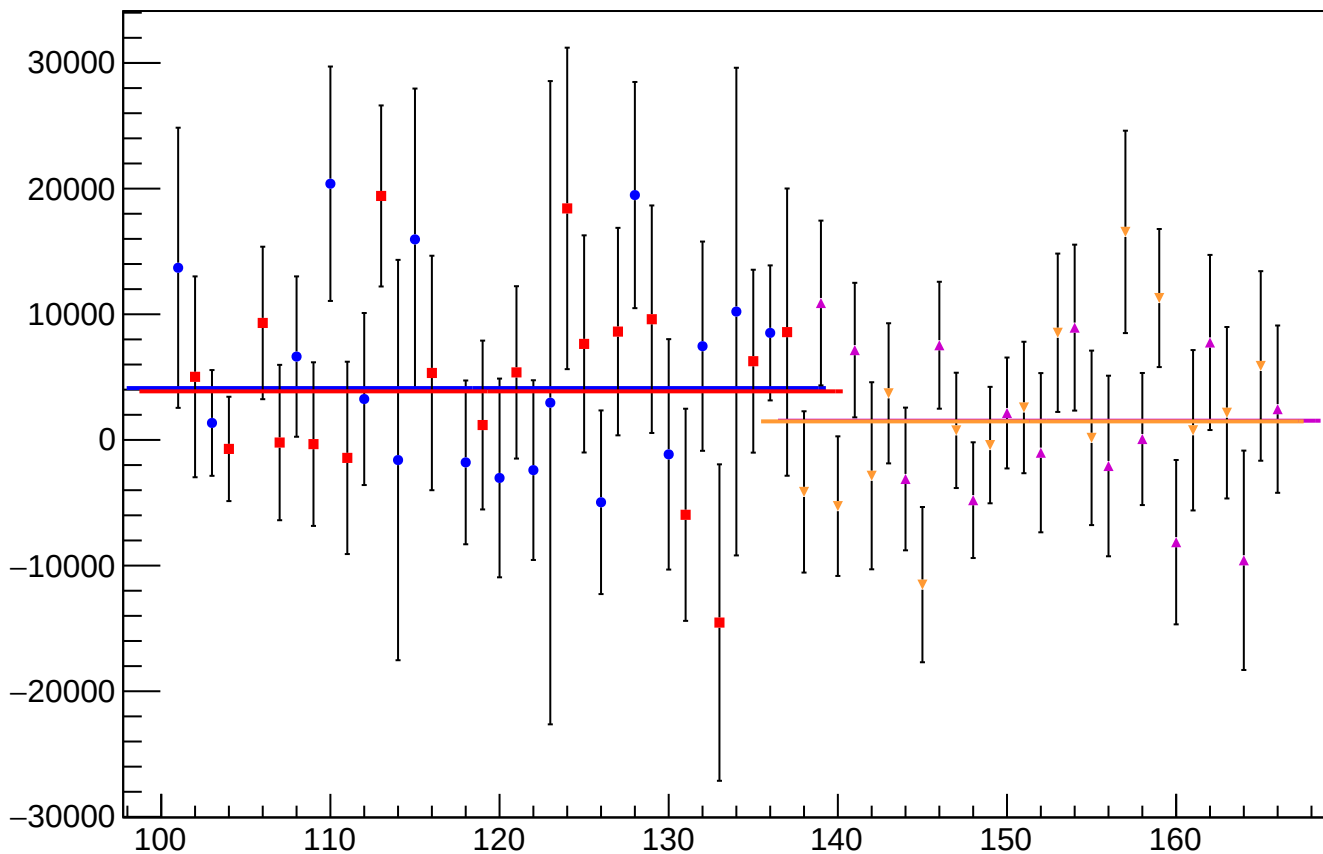
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

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

Out: 3927.170+/-0.695 χ^2/NDF : 4261386.3/32

All: 4163.821+/-0.516 χ^2/NDF : 6167058.3/63

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1476.672 $\pm$ 1539.741 χ^2 /NDF:15.7/14

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 1530.341 $\pm$ 1561.862 χ^2 /NDF:13.5/13

Left: 1503.124 $\pm$ 1096.499 χ^2 /NDF: 29.2/28

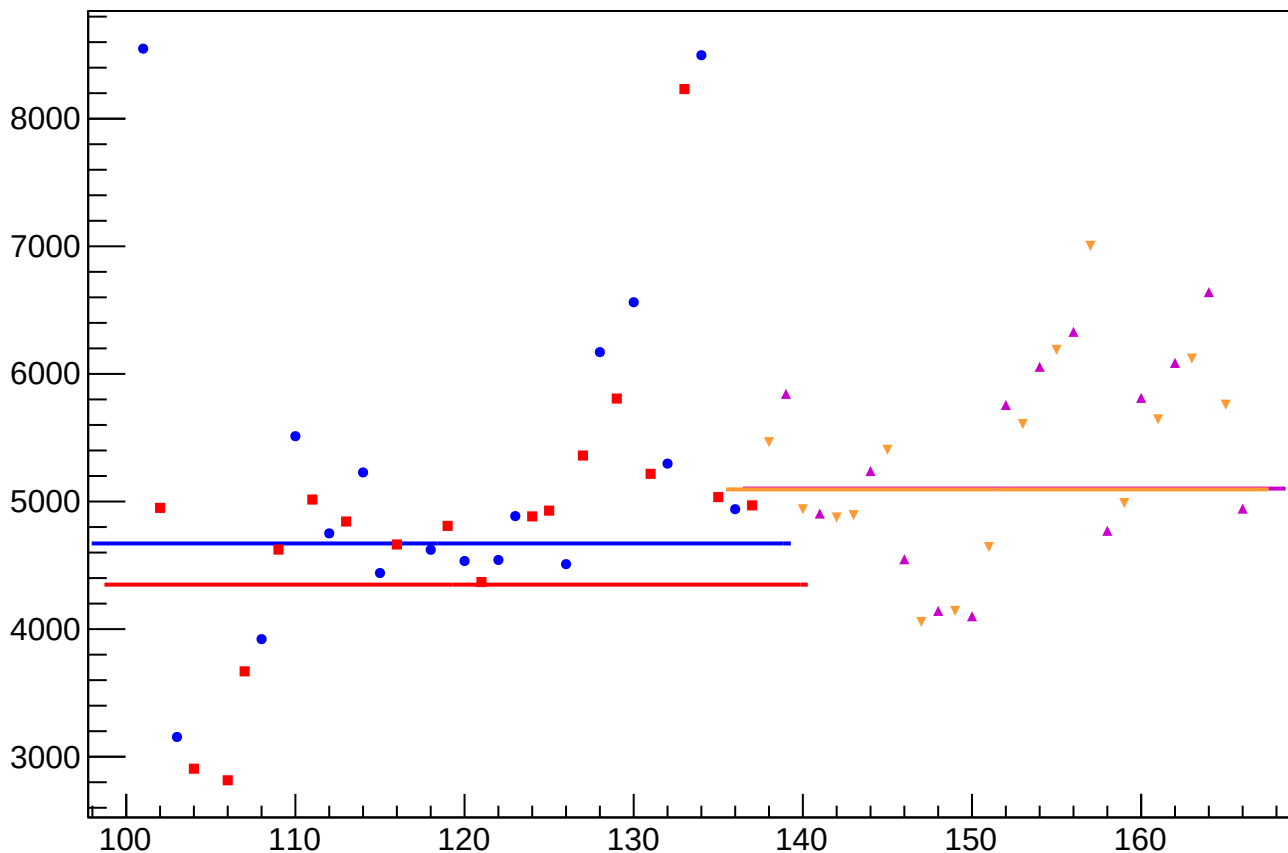
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2601.912 $\pm$ 1196.909 χ^2 /NDF:28.3/30

Out: 2534.703 $\pm$ 1149.428 χ^2 /NDF:31.1/32

All: 2566.948 $\pm$ 829.046 χ^2 /NDF: 59.4/63

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5095.088+/-1.089 χ^2/NDF : 470987.3/14

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

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

Left: 5098.241+/-0.775 χ^2/NDF : 970507.6/28

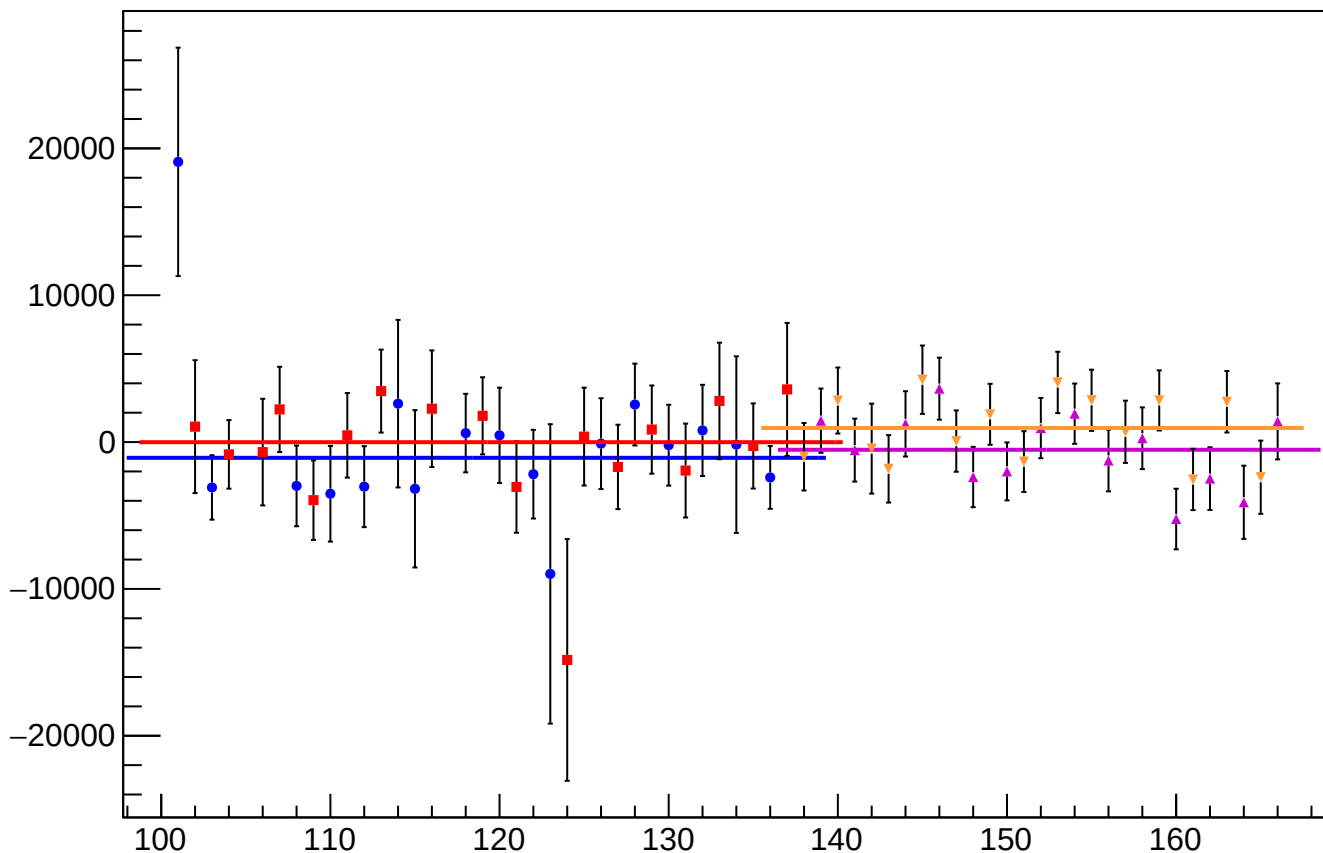
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

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

Out: 4762.510+/-0.811 χ^2/NDF : 1472816.2/32

All: 4839.753+/-0.585 χ^2/NDF : 2840020.7/63

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 961.825 ± 567.703 χ^2/NDF : 15.9/14

Right Out: -8.910 ± 748.092 χ^2/NDF : 11.4/17

Left In: -523.994 ± 573.568 χ^2/NDF : 17.6/13

Left: 226.550 ± 403.484 χ^2/NDF : 36.9/28

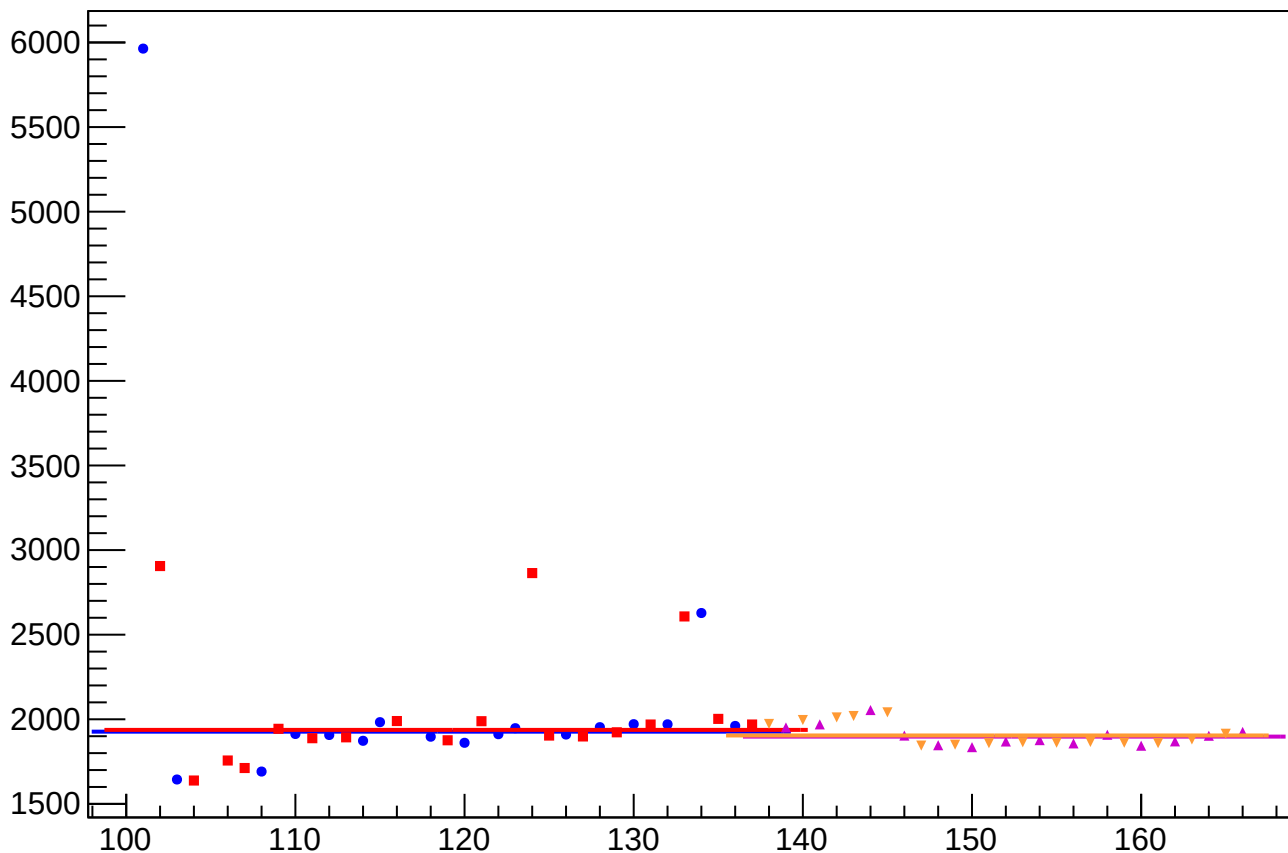
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -721.598 ± 458.467 χ^2/NDF : 31.6/30

Out: 607.085 ± 452.230 χ^2/NDF : 28.4/32

All: -48.157 ± 321.958 χ^2/NDF : 64.3/63

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1904.374+/-0.401 χ^2/NDF : 27766.1/14

Right Out: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

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

Left: 1901.040+/-0.285 χ^2/NDF : 47950.9/28

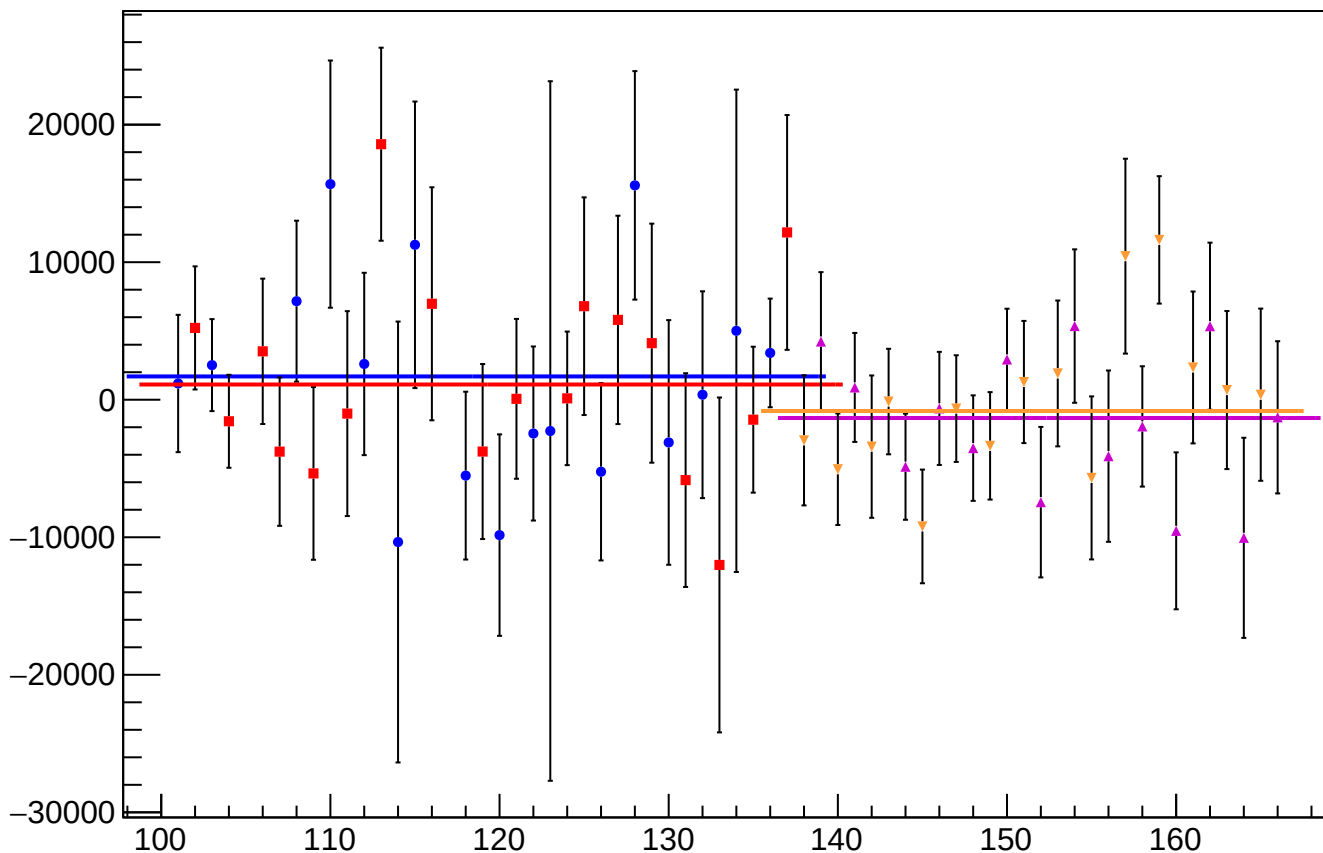
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

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

Out: 1916.410+/-0.320 χ^2/NDF : 259303.4/32

All: 1912.363+/-0.228 χ^2/NDF : 898668.8/63

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -818.420+/-1220.587 χ^2/NDF : 17.5/14

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: -1329.221+/-1266.382 χ^2/NDF : 11.7/13

Left: -1064.418+/-878.829 χ^2/NDF : 29.2/28

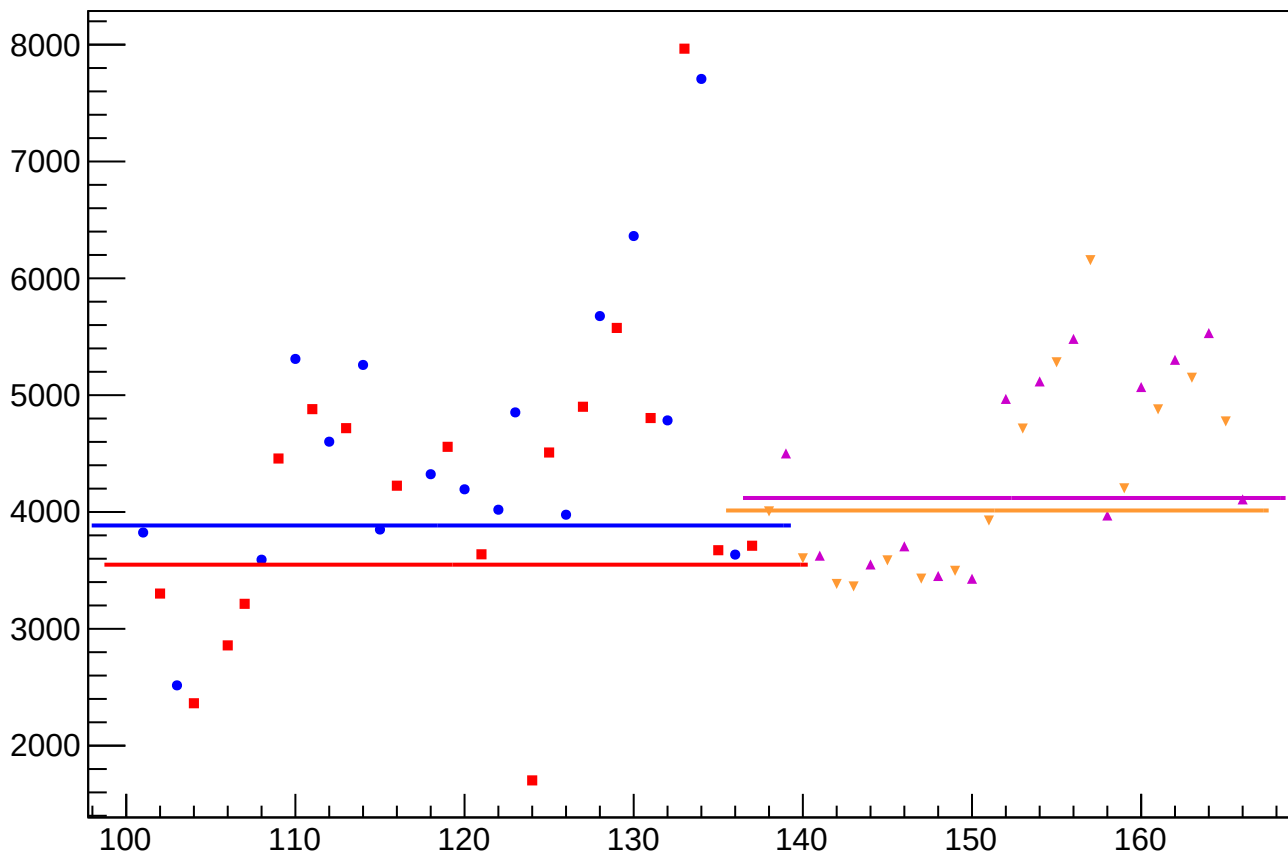
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: -120.832+/-981.175 χ^2/NDF : 27.6/30

Out: 4.960+/-923.597 χ^2/NDF : 34.4/32

All: -54.137+/-672.516 χ^2/NDF : 62.0/63

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4012.889+/-0.863 χ^2/NDF : 679468.2/14

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 4119.880+/-0.895 χ^2/NDF : 653434.4/13

Left: 4064.415+/-0.621 χ^2/NDF : 1340303.2/28

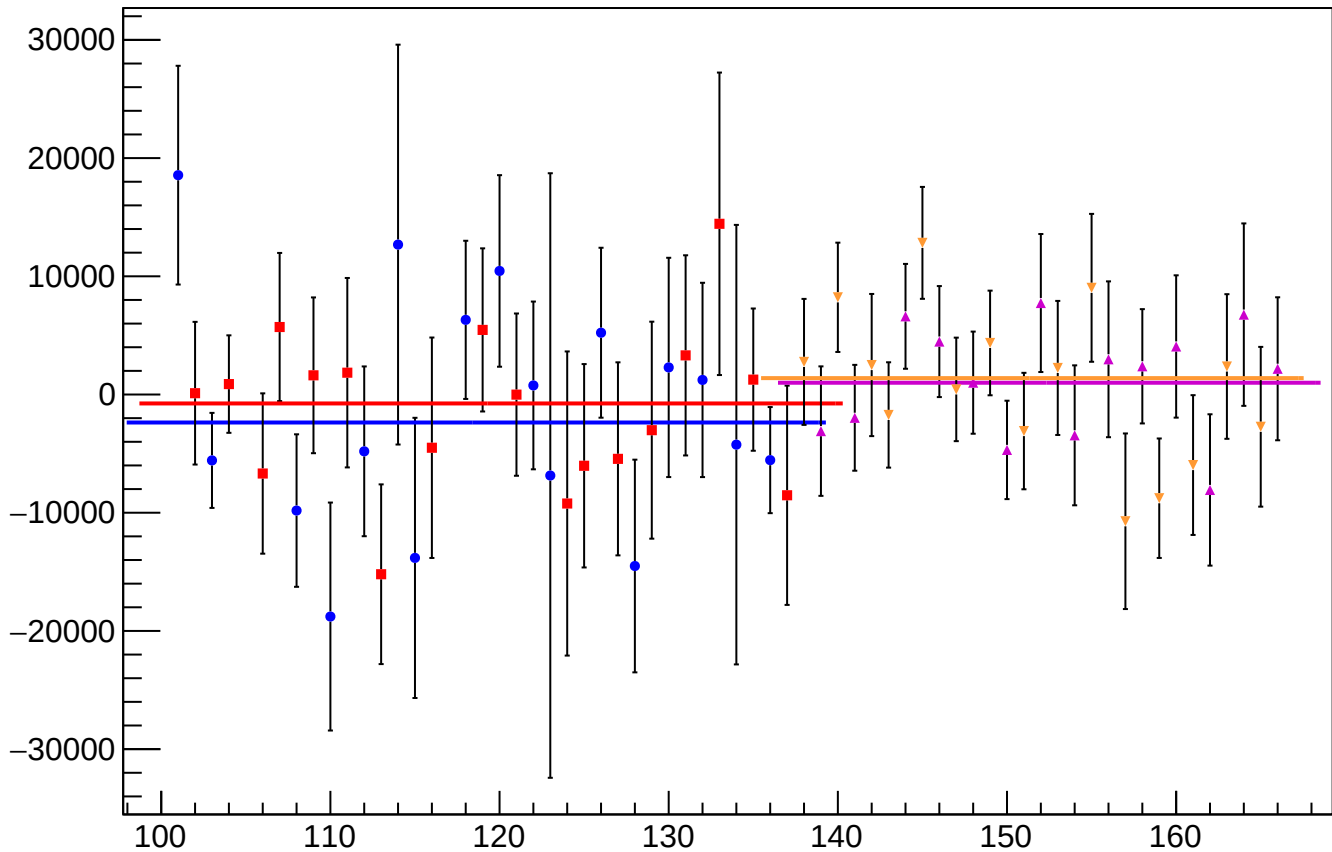
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 4025.838+/-0.694 χ^2/NDF : 1507591.4/30

Out: 3814.665+/-0.653 χ^2/NDF : 2129822.4/32

All: 3913.874+/-0.476 χ^2/NDF : 3686533.5/63

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1387.415+/-1360.549 χ^2/NDF :20.1/14

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: 996.238+/-1399.557 χ^2/NDF :10.0/13

Left: 1197.354+/-975.553 χ^2/NDF : 30.1/28

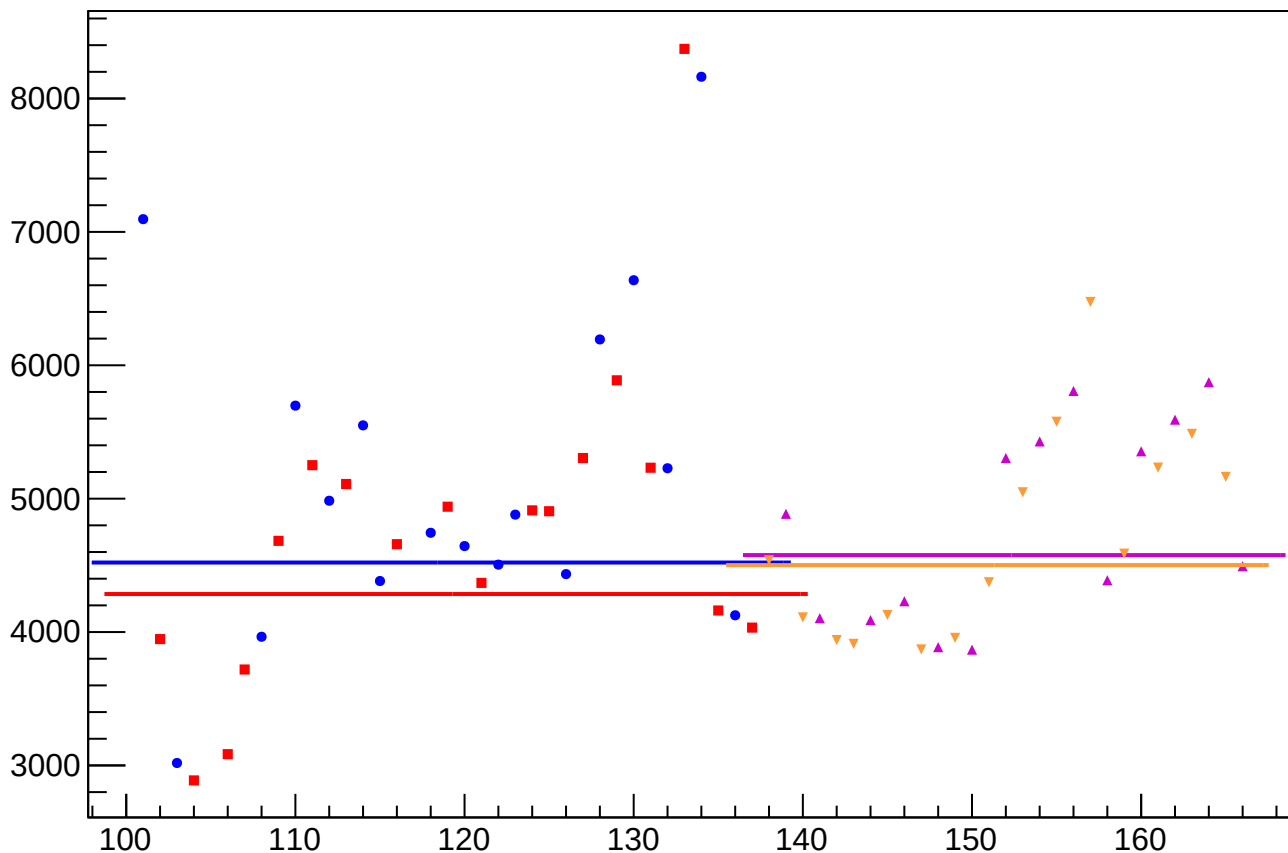
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -269.439+/-1105.324 χ^2/NDF :32.3/30

Out: 546.492+/-1060.554 χ^2/NDF :31.6/32

All: 155.385+/-765.263 χ^2/NDF : 64.1/63

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4502.223+/-0.962 χ^2/NDF : 473722.6/14

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

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

Left: 4538.579+/-0.690 χ^2/NDF : 935297.2/28

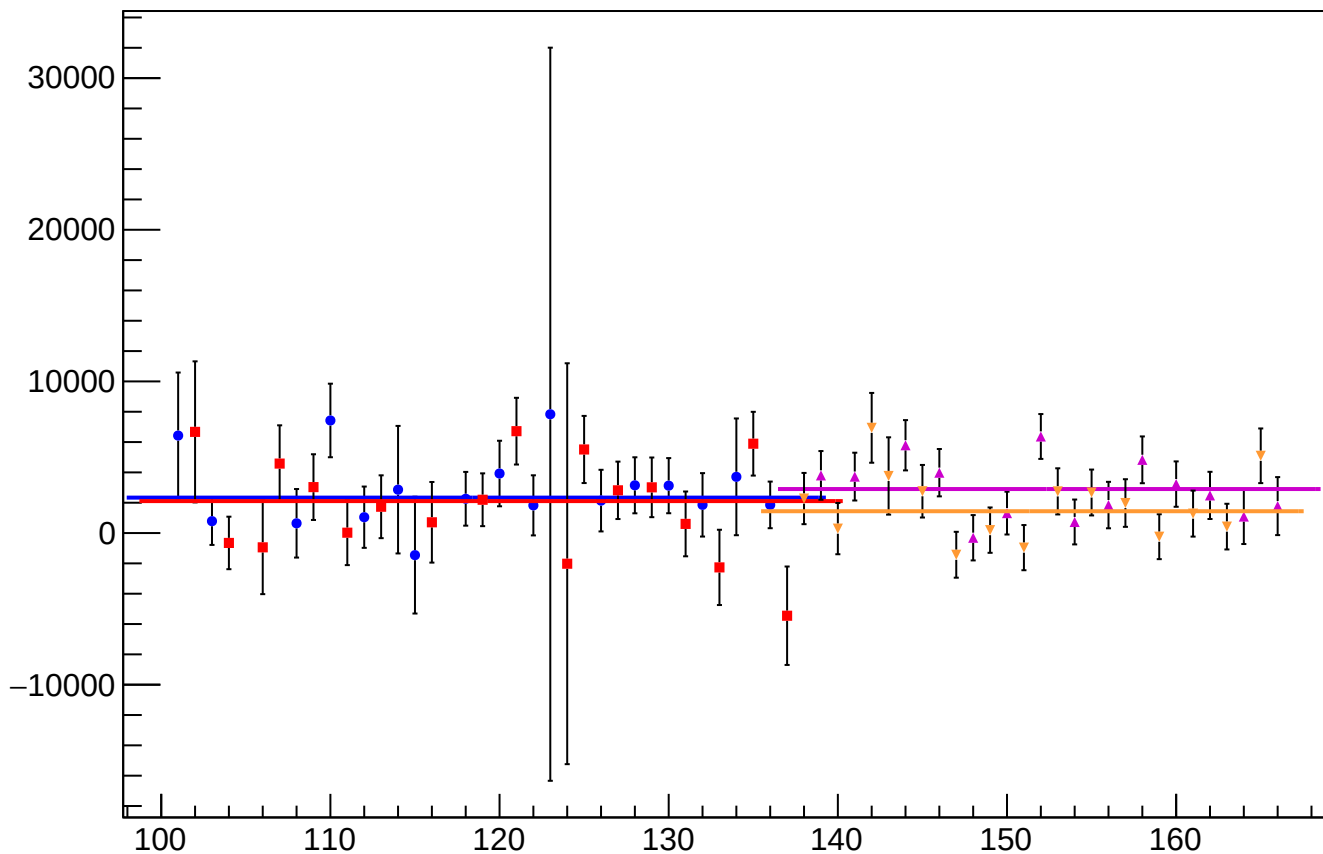
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

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

Out: 4416.439+/-0.748 χ^2/NDF : 1240250.3/32

All: 4483.205+/-0.541 χ^2/NDF : 2495404.7/63

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1439.023 $\pm$ 421.619 χ^2 /NDF:22.1/14

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

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

Left: 2176.455 $\pm$ 296.984 χ^2 /NDF: 49.3/28

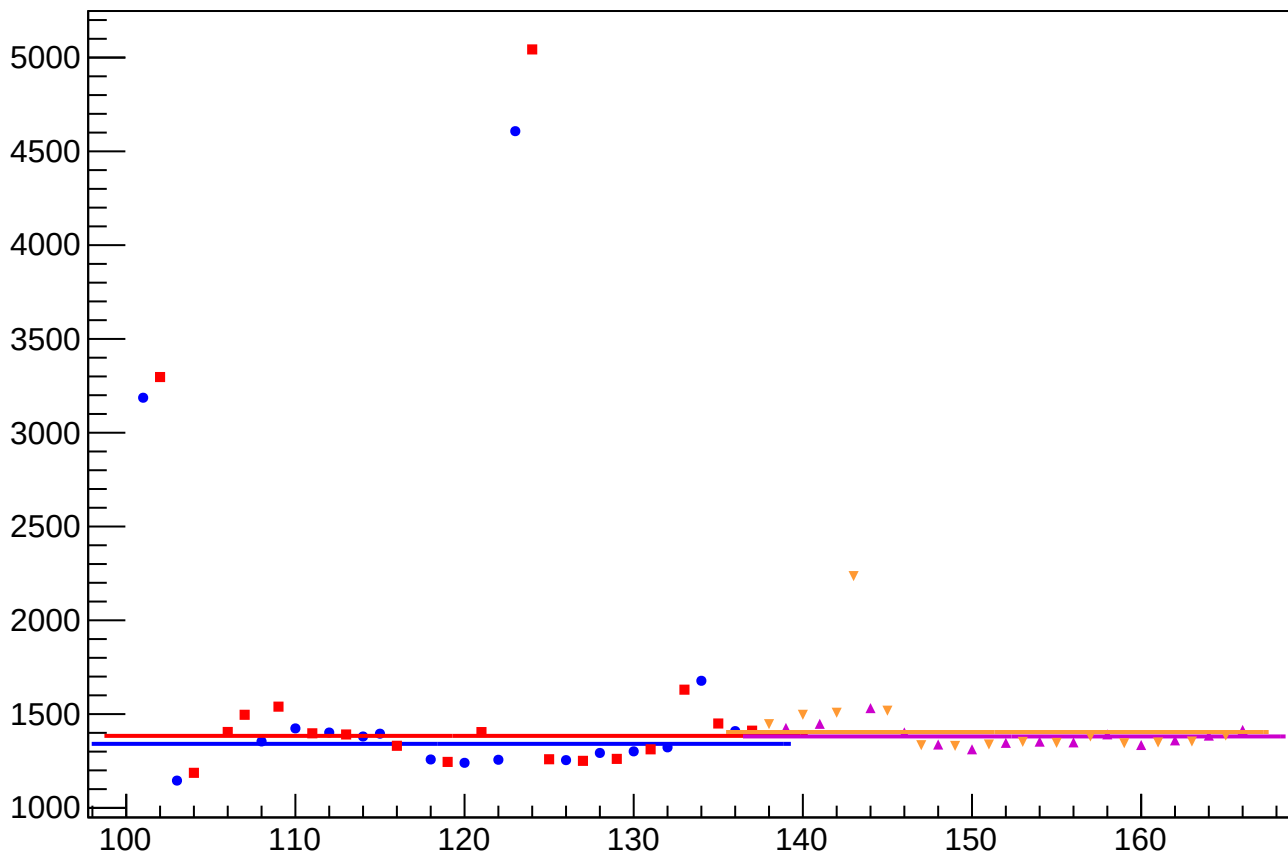
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

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

Out: 1692.279 $\pm$ 332.232 χ^2 /NDF:49.4/32

All: 2194.520 $\pm$ 233.654 χ^2 /NDF: 85.4/63

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1404.540+/-0.298 χ^2/NDF : 259874.2/14

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

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

Left: 1392.609+/-0.210 χ^2/NDF : 297257.5/28

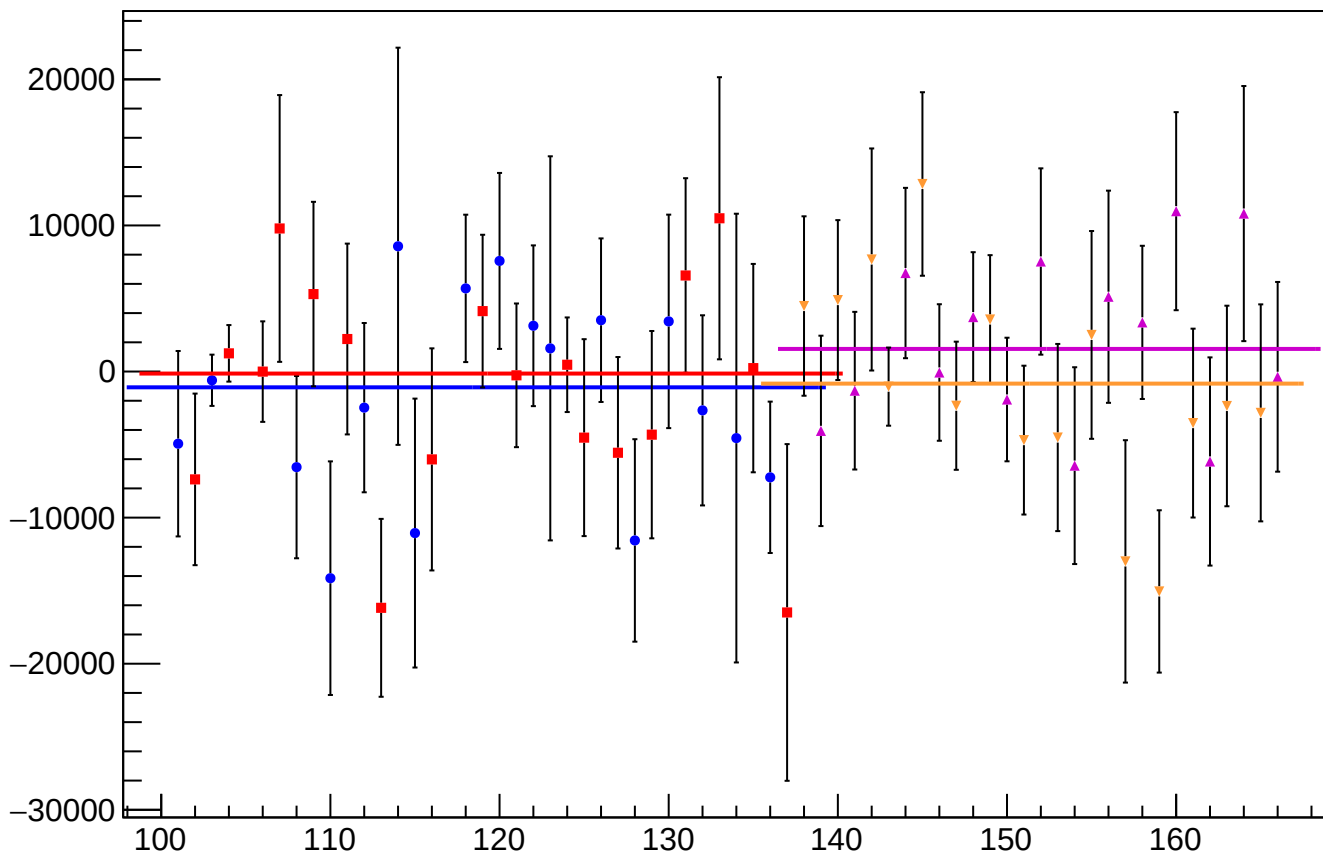
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

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

Out: 1396.718+/-0.235 χ^2/NDF : 855535.4/32

All: 1381.064+/-0.165 χ^2/NDF : 1409622.3/63

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -827.348 ± 1362.324 $\chi^2/\text{NDF}: 19.1/14$

Right Out: -138.838 ± 1129.319 $\chi^2/\text{NDF}: 18.0/17$

Left In: 1547.719 ± 1543.191 $\chi^2/\text{NDF}: 9.8/13$

Left: 212.910 ± 1021.297 $\chi^2/\text{NDF}: 30.2/28$

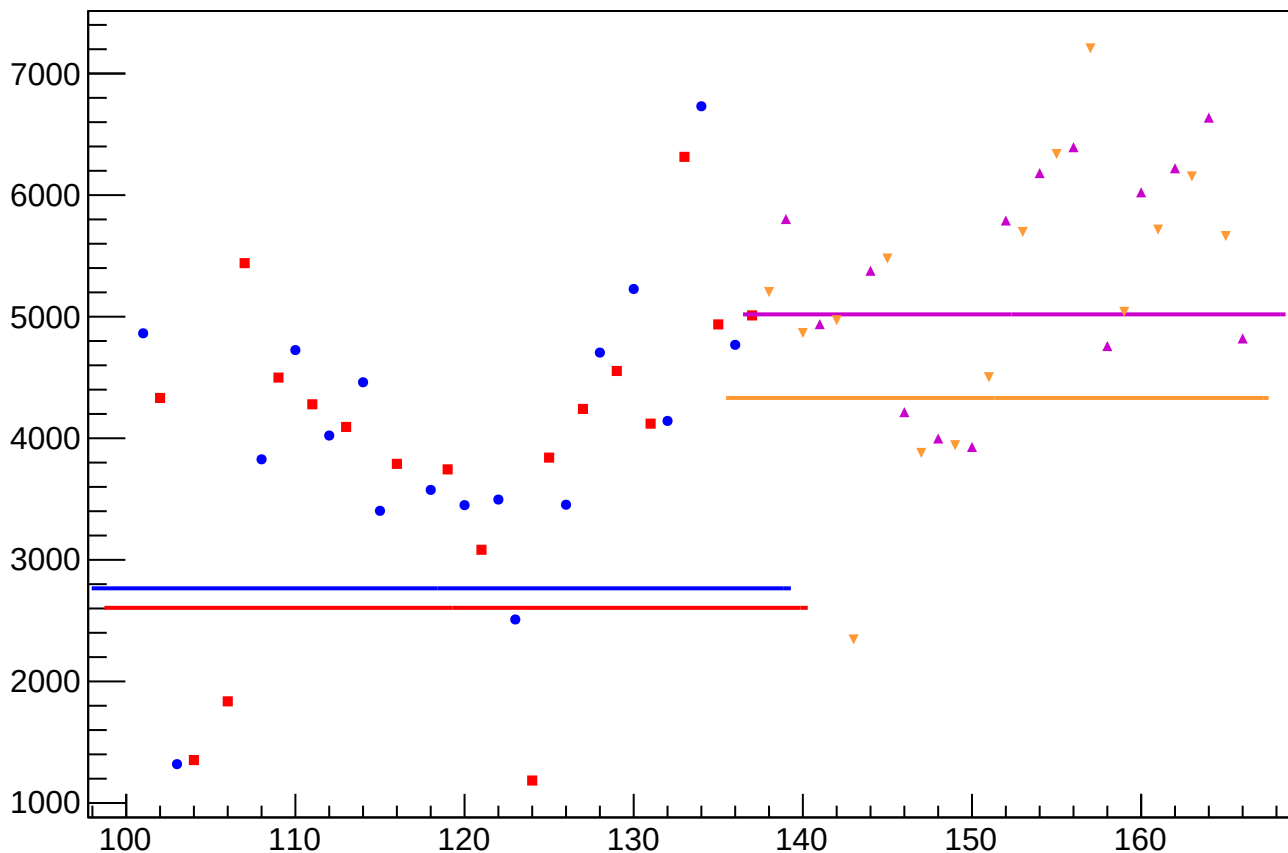
Right: -576.559 ± 826.355 $\chi^2/\text{NDF}: 33.3/34$

In: -77.761 ± 953.356 $\chi^2/\text{NDF}: 26.6/30$

Out: -419.265 ± 869.432 $\chi^2/\text{NDF}: 37.3/32$

All: -264.203 ± 642.406 $\chi^2/\text{NDF}: 63.9/63$

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: 4331.500 $\pm$ 0.963 χ^2 /NDF: 2102217.4/14

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5019.106 $\pm$ 1.091 χ^2 /NDF: 671504.4/13

Left: 4632.665 $\pm$ 0.722 χ^2 /NDF: 2996880.1/28

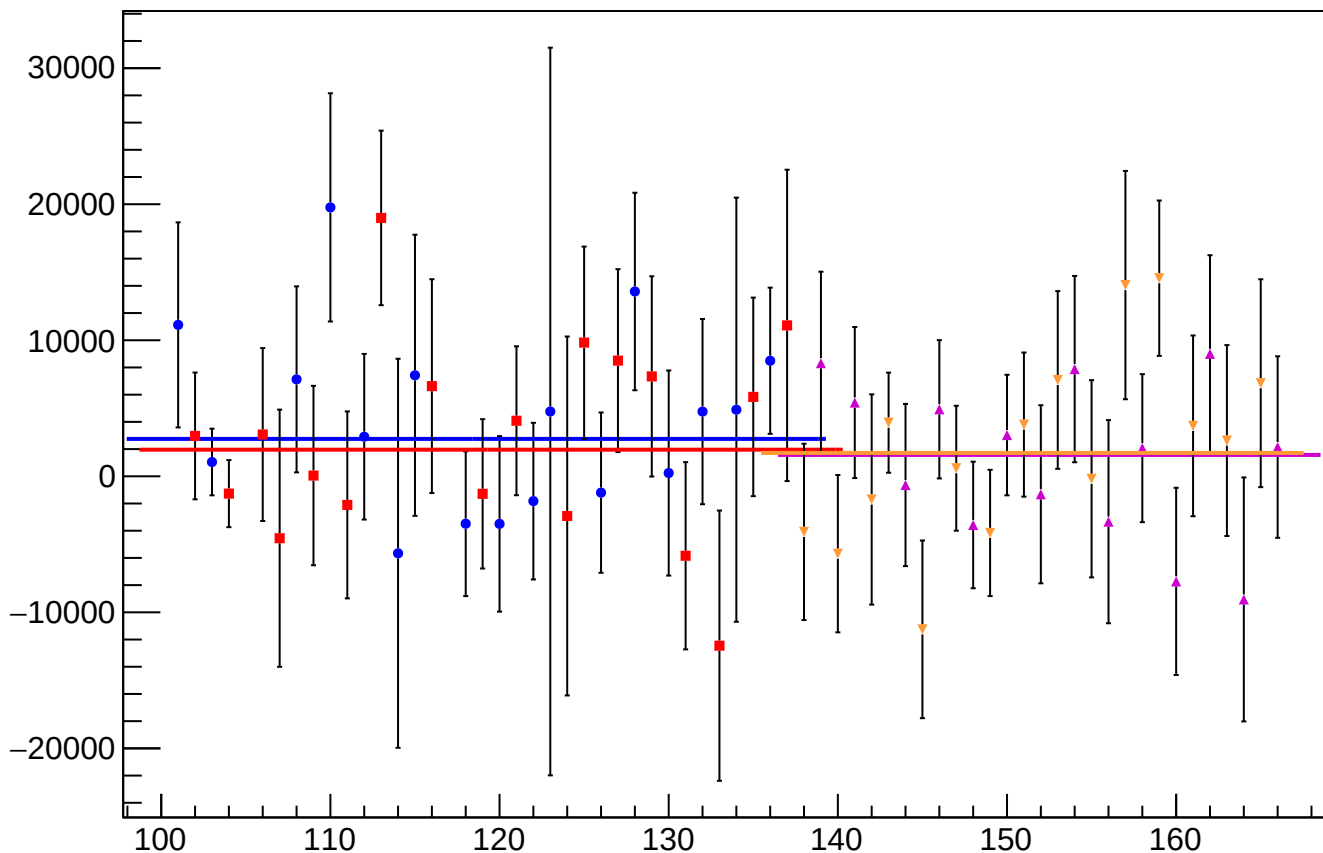
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3625.746 $\pm$ 0.674 χ^2 /NDF: 6247443.6/30

Out: 3308.509 $\pm$ 0.615 χ^2 /NDF: 7327271.1/32

All: 3452.552 $\pm$ 0.454 χ^2 /NDF: 13695617.3/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1718.764 $\pm$ 1499.465 χ^2 /NDF:17.3/14

Right Out: 1955.923 $\pm$ 1384.301 χ^2 /NDF: 17.8/17

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

Left: 1649.632 $\pm$ 1094.510 χ^2 /NDF: 26.5/28

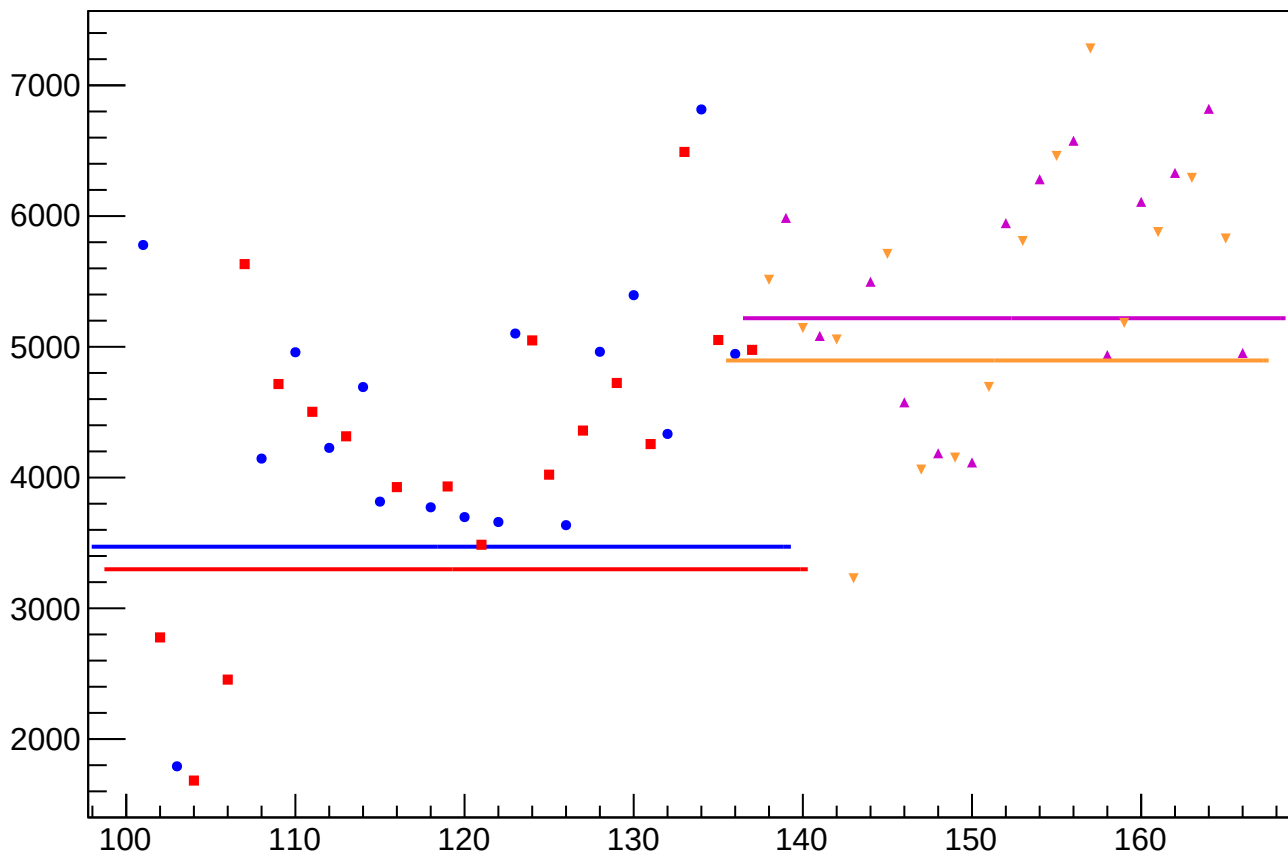
Right: 2334.662 $\pm$ 1000.160 χ^2 /NDF: 31.7/34

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

Out: 1846.799 $\pm$ 1017.128 χ^2 /NDF:35.1/32

All: 2022.940 $\pm$ 738.327 χ^2 /NDF: 58.4/63

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023

χ^2/NDF : 1767892.8/16

Left: 5046.535+/-0.774

χ^2/NDF : 1657592.1/28

Left Out: 4895.520+/-1.060

χ^2/NDF : 1036155.9/14

Right: 3380.318+/-0.704

χ^2/NDF : 3668889.8/34

Right Out: 3298.657+/-0.970

χ^2/NDF : 1886021.8/17

In: 4256.489+/-0.759

χ^2/NDF : 3657591.6/30

Out: 4026.114+/-0.716

χ^2/NDF : 4157123.6/32

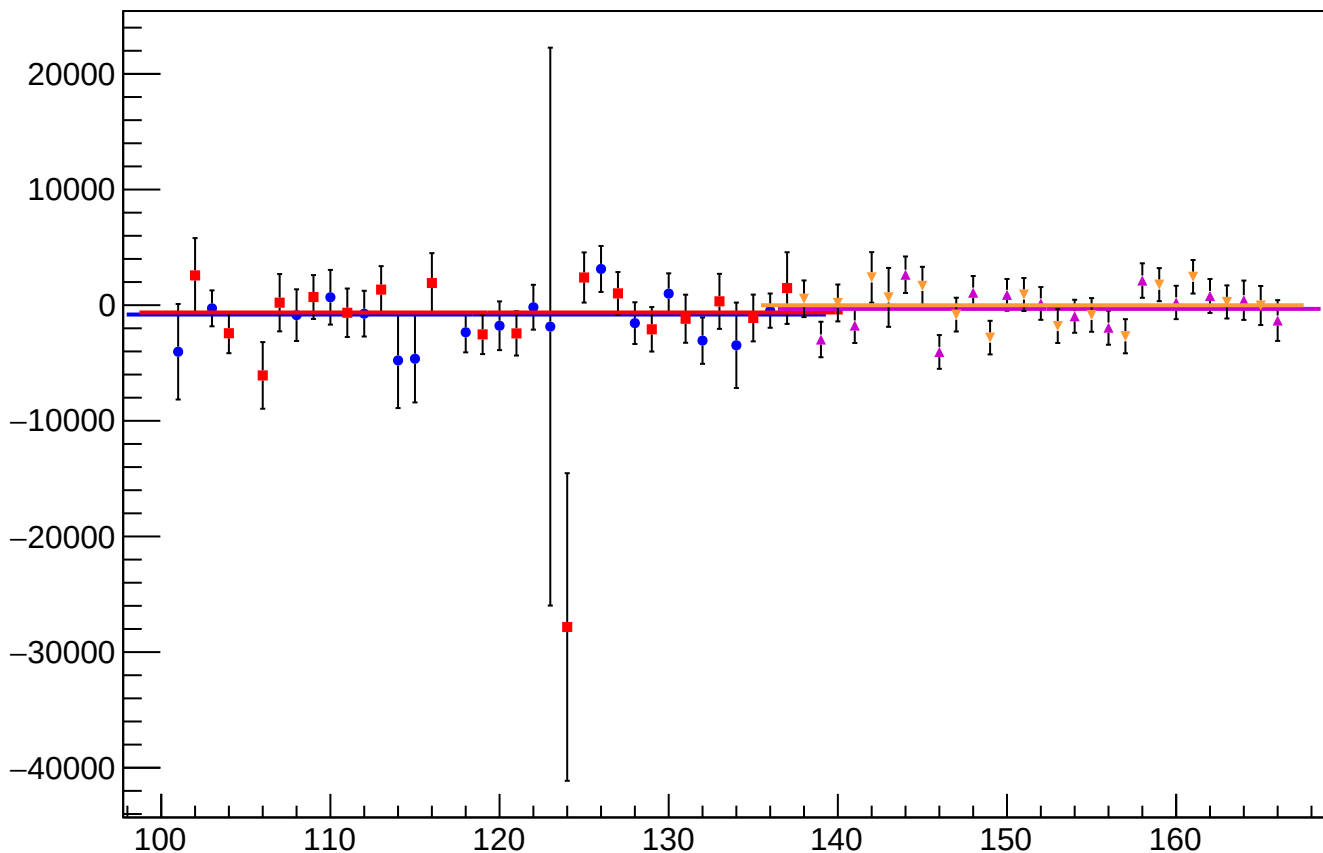
Left In: 5218.757+/-1.132

χ^2/NDF : 578015.3/13

All: 4134.527+/-0.521

χ^2/NDF : 7863483.2/63

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -7.028+/-403.062 χ^2 /NDF:16.5/14

Right Out: -630.651+/-514.931 χ^2 /NDF: 18.6/17

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

Left: -164.934+/-283.820 χ^2 /NDF: 37.9/28

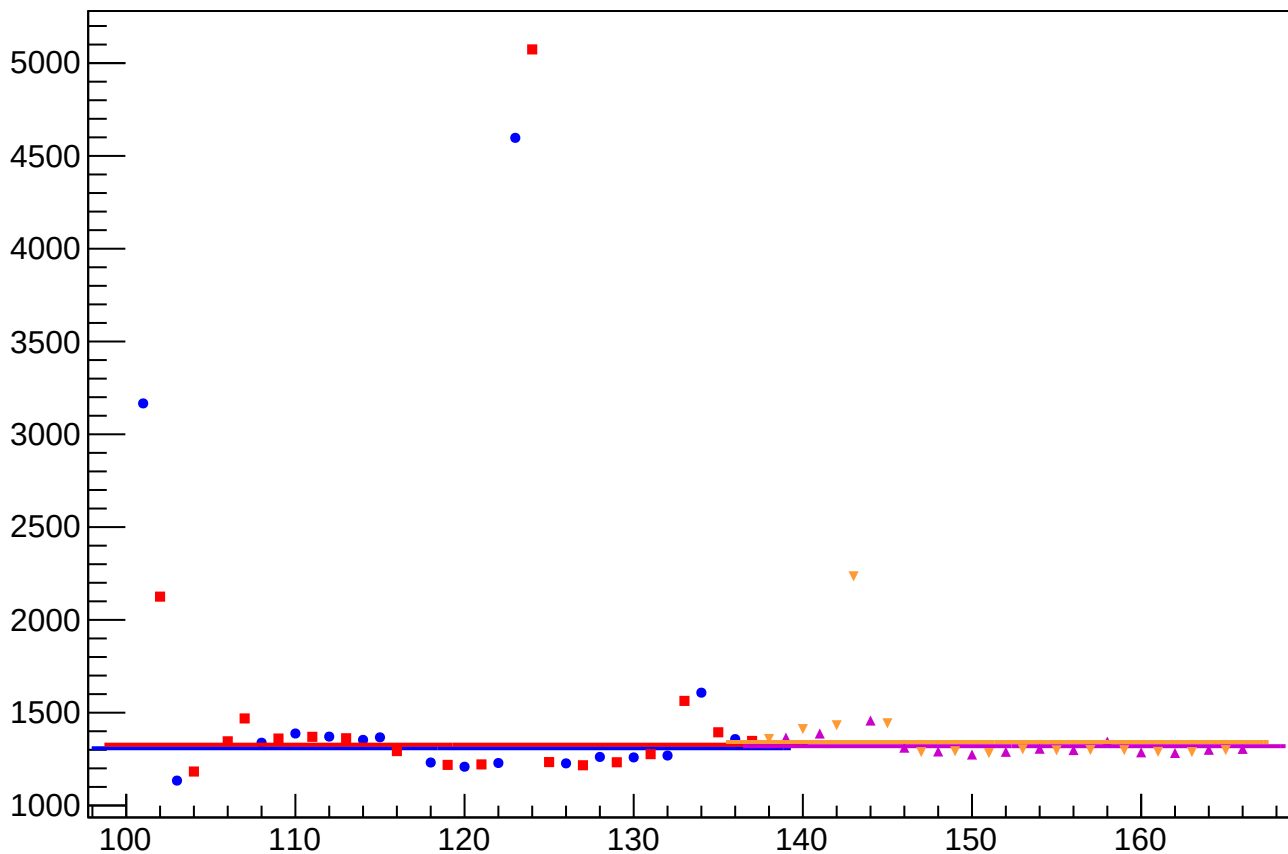
Right: -719.271+/-365.258 χ^2 /NDF: 29.8/34

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

Out: -243.955+/-317.392 χ^2 /NDF:36.0/32

All: -373.630+/-224.114 χ^2 /NDF: 69.2/63

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: 1342.089 $\pm$ 0.285 χ^2 /NDF: 282925.7/14

Right Out: 1327.647 $\pm$ 0.364 χ^2 /NDF: 357330.6/17

Left In: 1319.462 $\pm$ 0.283 χ^2 /NDF: 28954.7/13

Left: 1330.682 $\pm$ 0.201 χ^2 /NDF: 315058.0/28

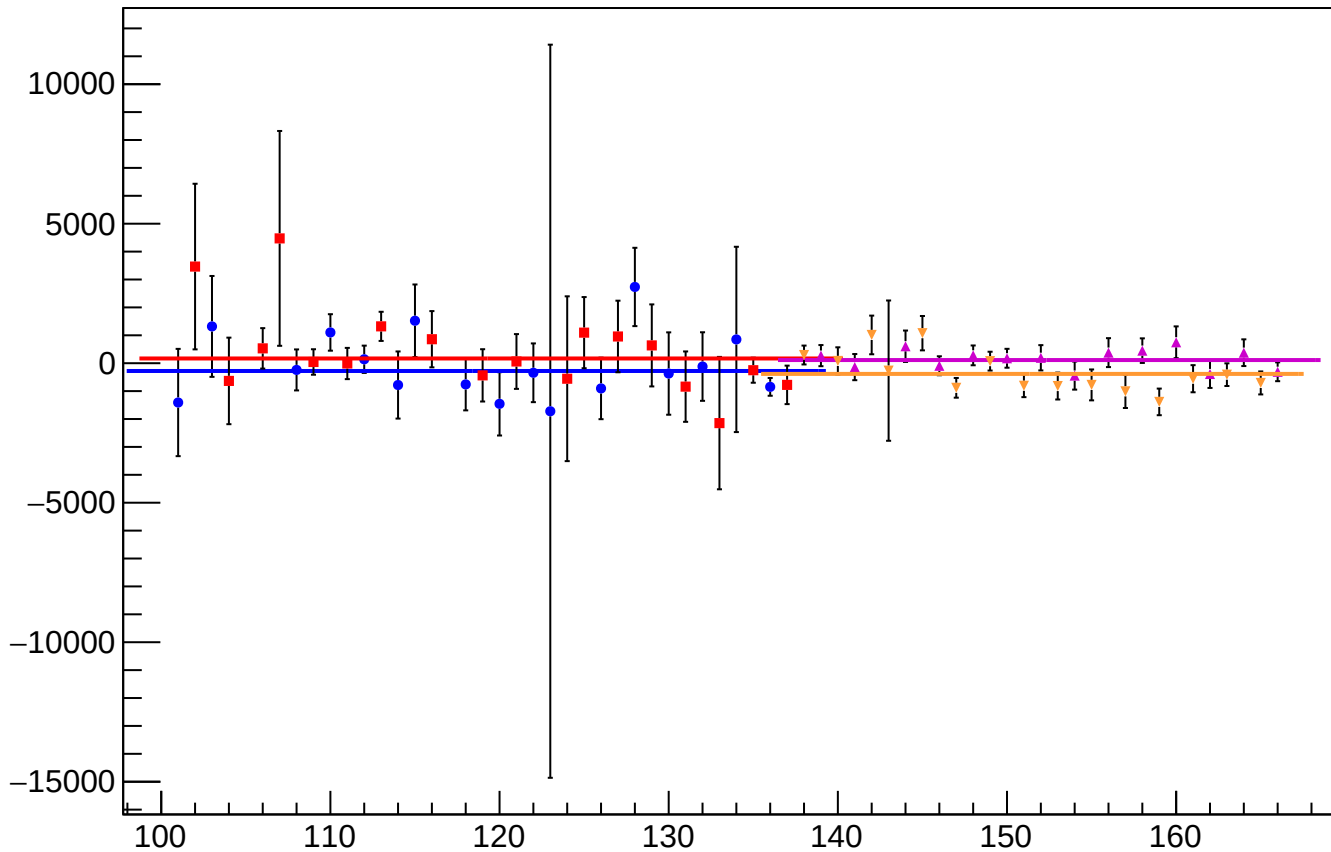
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1315.323 $\pm$ 0.224 χ^2 /NDF: 536074.6/30

Out: 1336.602 $\pm$ 0.224 χ^2 /NDF: 641231.9/32

All: 1325.933 $\pm$ 0.158 χ^2 /NDF: 1181814.0/63

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: -383.538+/-118.198 χ^2/NDF : 27.1/14

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 113.105+/-113.266 χ^2/NDF : 8.1/13

Left: -124.638+/-81.779 χ^2/NDF : 44.4/28

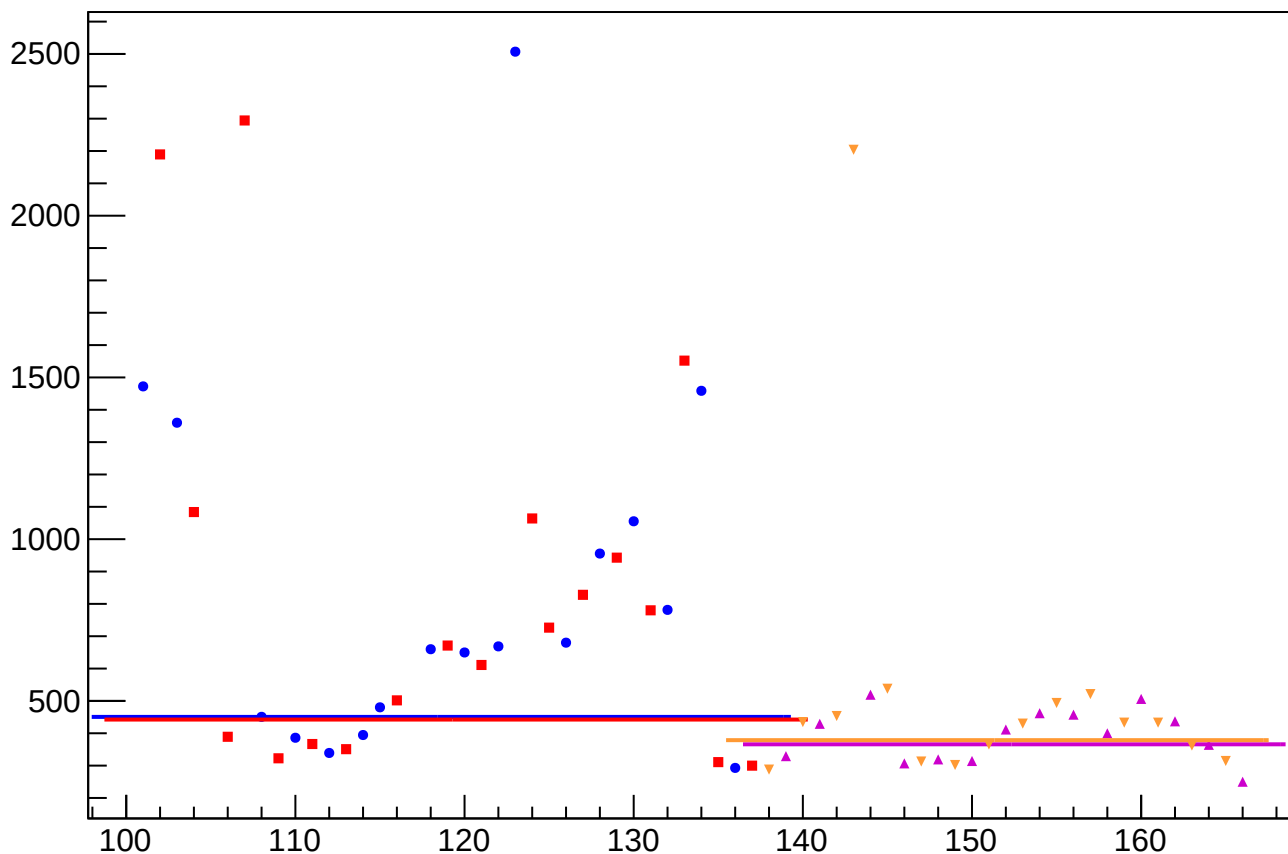
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 16.590+/-98.331 χ^2/NDF : 29.1/30

Out: -232.076+/-100.724 χ^2/NDF : 47.5/32

All: -104.754+/-70.361 χ^2/NDF : 79.6/63

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 378.672+/-0.084 χ^2/NDF : 1882474.1/14

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 365.869+/-0.080 χ^2/NDF : 909775.5/13

Left: 371.998+/-0.058 χ^2/NDF : 2804482.2/28

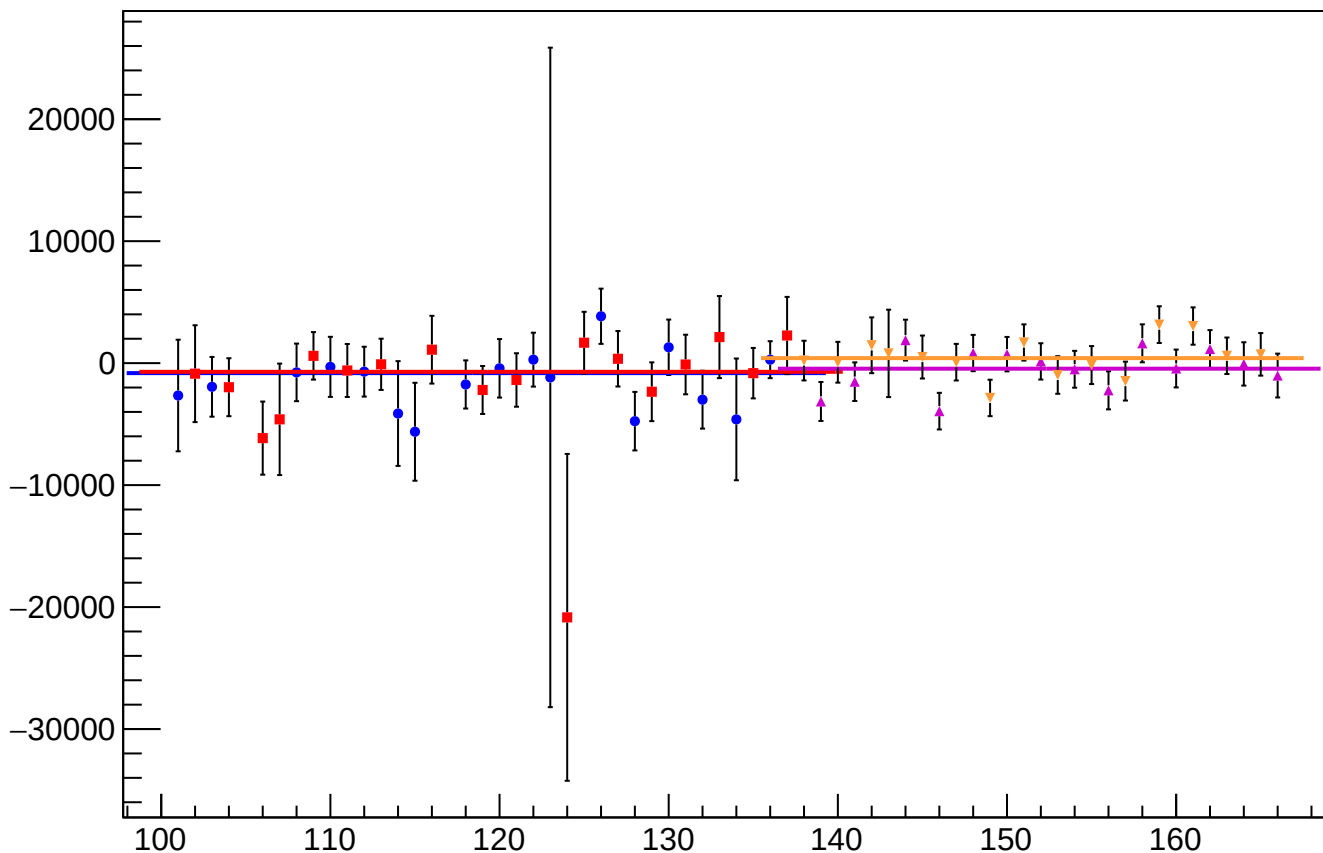
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 386.739+/-0.070 χ^2/NDF : 4183176.6/30

Out: 396.113+/-0.071 χ^2/NDF : 5409837.1/32

All: 391.313+/-0.050 χ^2/NDF : 9601882.3/63

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: 411.172+/-424.731 χ^2/NDF :14.5/14

Right Out: -710.618+/-596.065 χ^2/NDF : 11.4/17

Left In: -454.984+/-418.226 χ^2/NDF :16.5/13

Left: -28.589+/-298.004 χ^2/NDF : 33.2/28

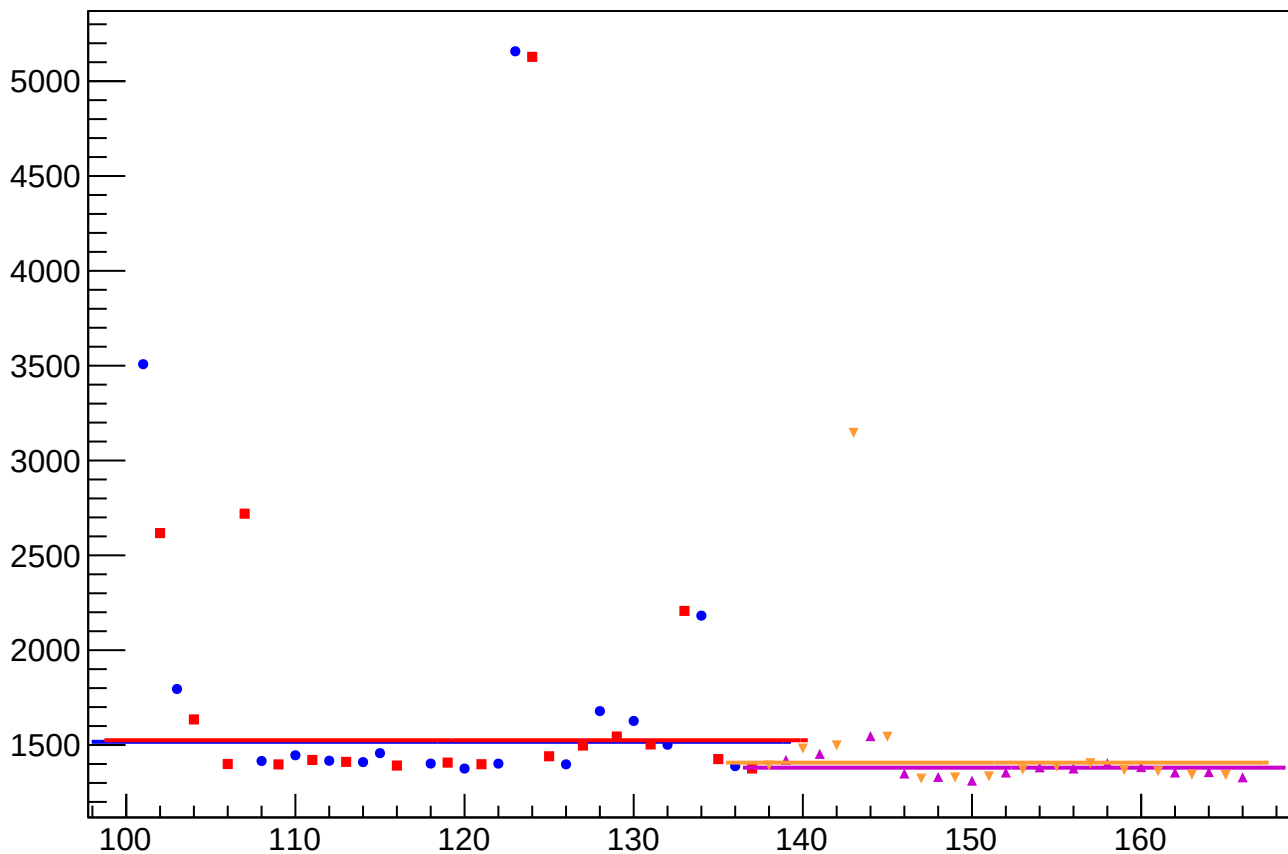
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -573.092+/-343.315 χ^2/NDF :29.5/30

Out: 33.403+/-345.900 χ^2/NDF :28.3/32

All: -272.119+/-243.669 χ^2/NDF : 59.3/63

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1407.051 $\pm$ 0.300 χ^2 /NDF: 517681.8/14

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1380.489 $\pm$ 0.296 χ^2 /NDF: 36510.3/13

Left: 1393.565 $\pm$ 0.211 χ^2 /NDF: 558163.6/28

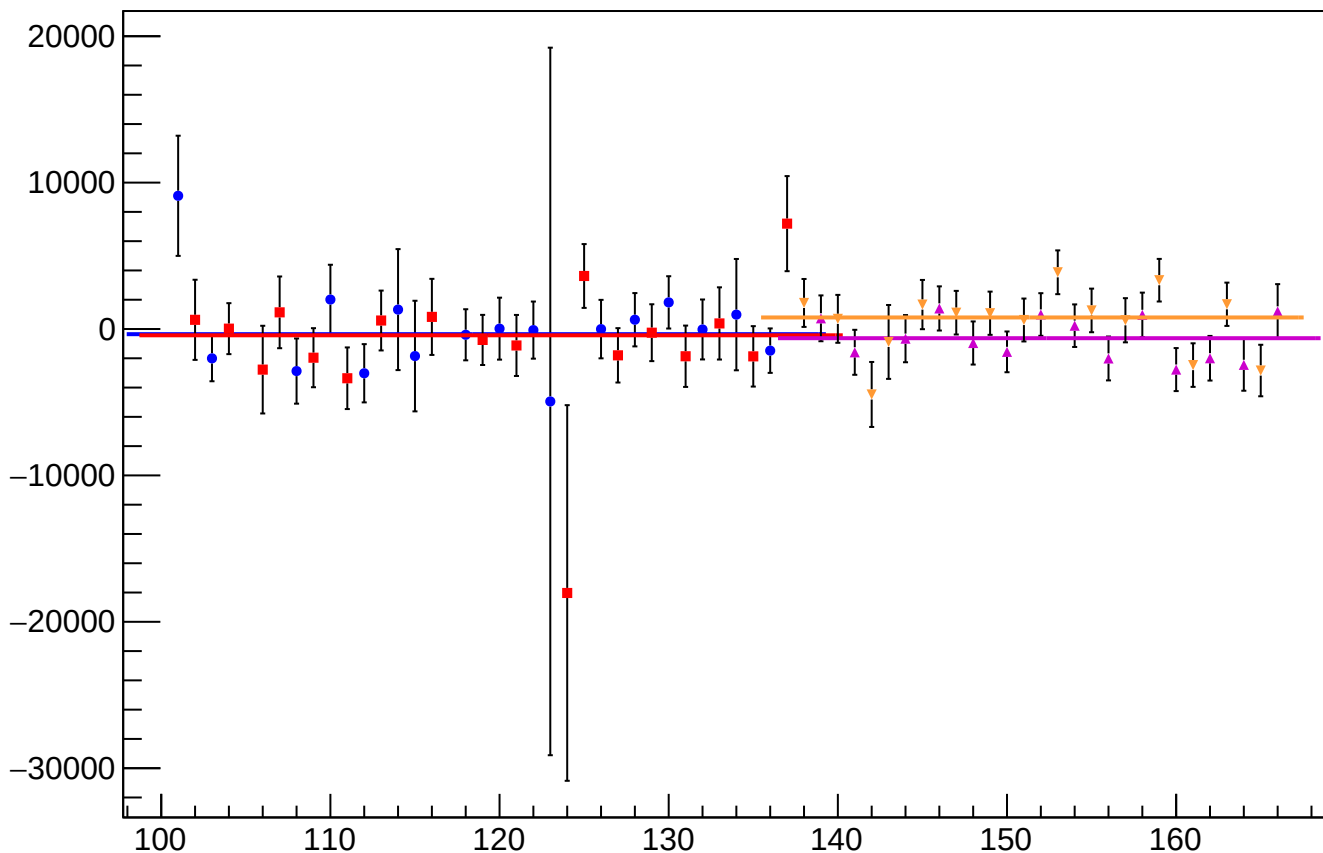
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1424.991 $\pm$ 0.243 χ^2 /NDF: 646980.7/30

Out: 1446.805 $\pm$ 0.245 χ^2 /NDF: 1141639.4/32

All: 1435.816 $\pm$ 0.172 χ^2 /NDF: 1792626.9/63

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 $\pm$ 523.324 χ^2 /NDF: 13.4/16

Left Out: 789.083 $\pm$ 412.492 χ^2 /NDF:23.6/14

Right Out: -429.167 $\pm$ 522.342 χ^2 /NDF: 16.8/17

Left In: -627.507 $\pm$ 409.673 χ^2 /NDF:12.0/13

Left: 75.931 $\pm$ 290.674 χ^2 /NDF: 41.5/28

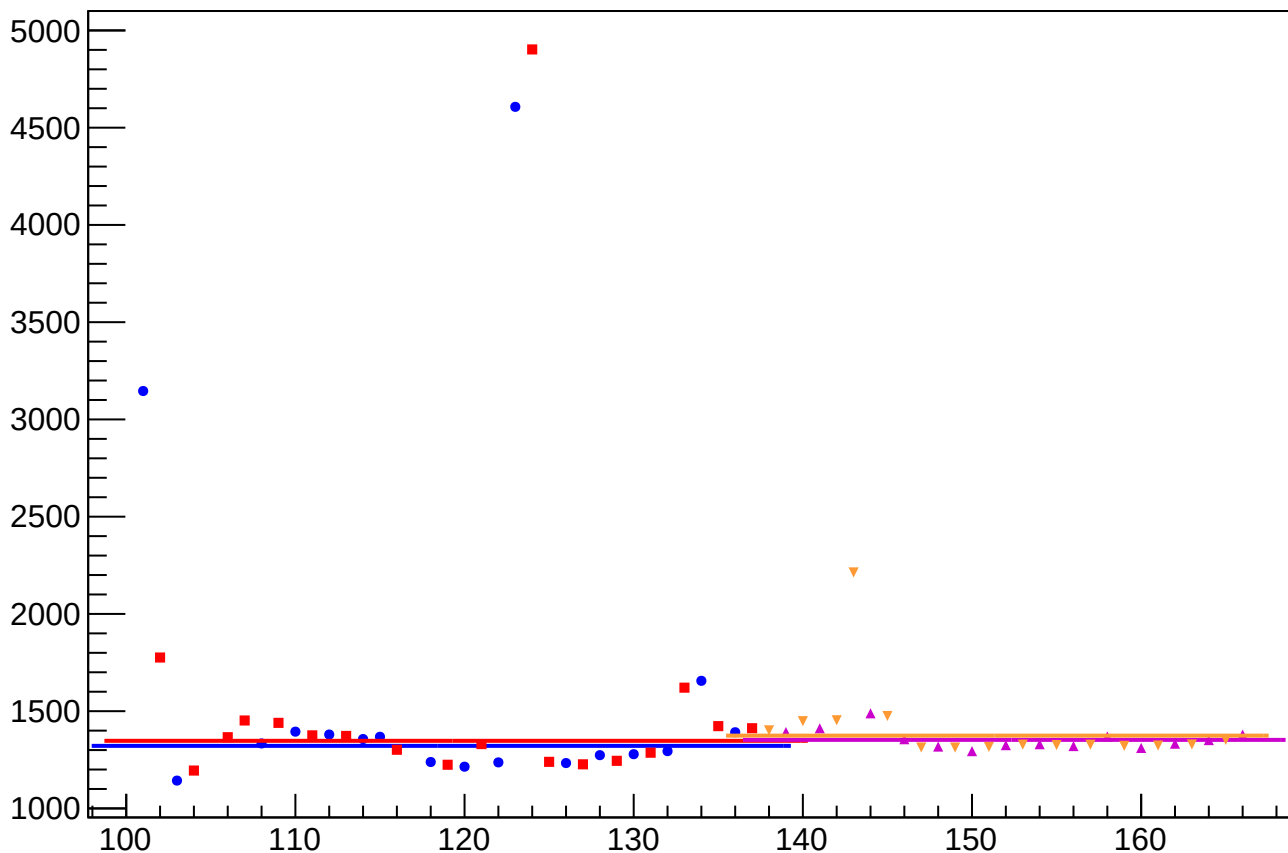
Right: -391.220 $\pm$ 369.698 χ^2 /NDF: 30.3/34

In: -523.253 $\pm$ 322.585 χ^2 /NDF:25.5/30

Out: 321.161 $\pm$ 323.723 χ^2 /NDF:43.8/32

All: -102.532 $\pm$ 228.503 χ^2 /NDF: 72.8/63

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1374.316 ± 0.292 χ^2/NDF : 258463.5/14

Right Out: 1347.646 ± 0.369 χ^2/NDF : 286301.2/17

Left In: 1352.432 ± 0.290 χ^2/NDF : 27938.9/13

Left: 1363.299 ± 0.206 χ^2/NDF : 289236.4/28

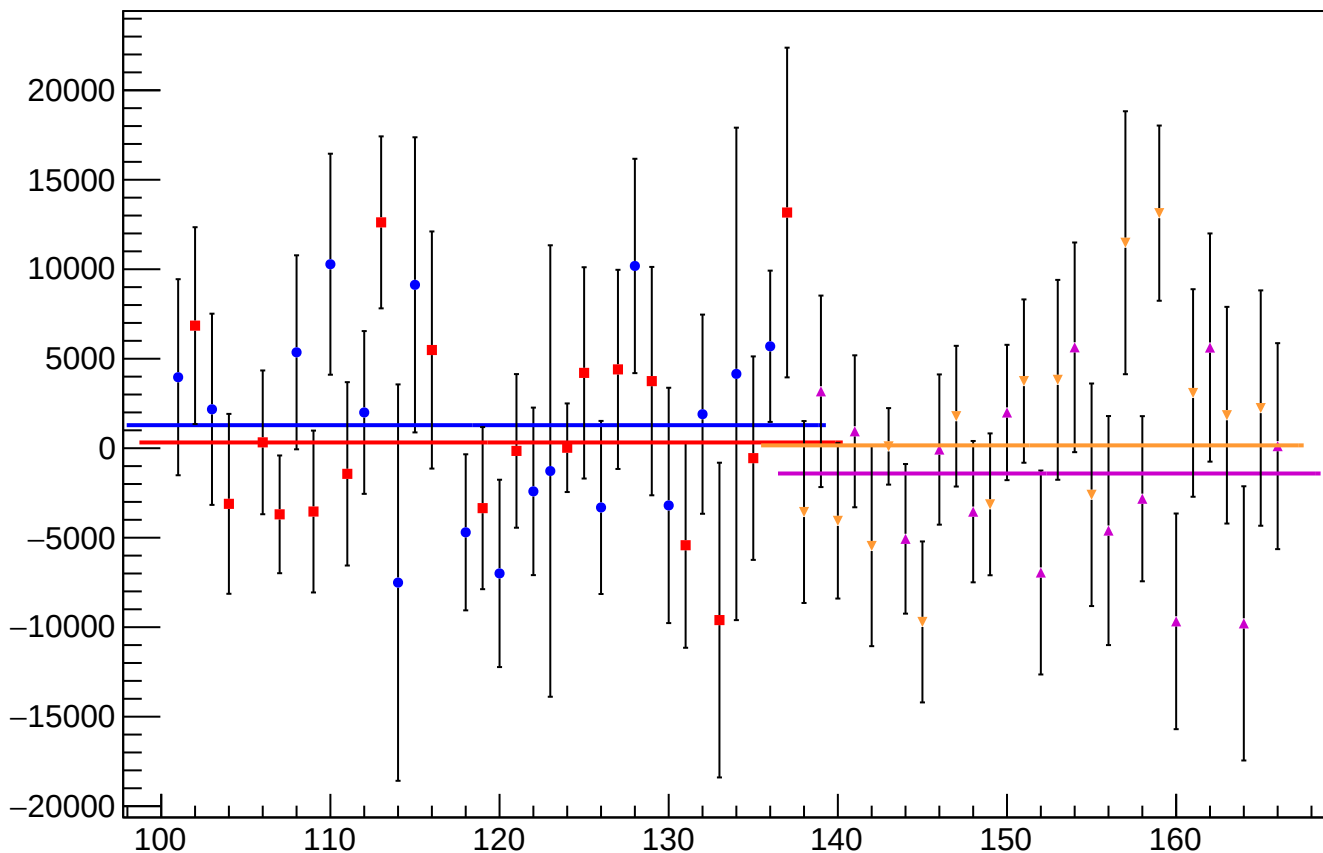
Right: 1334.706 ± 0.261 χ^2/NDF : 791010.5/34

In: 1340.755 ± 0.228 χ^2/NDF : 534460.3/30

Out: 1364.065 ± 0.229 χ^2/NDF : 547978.1/32

All: 1352.372 ± 0.162 χ^2/NDF : 1087642.5/63

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: 158.772+/-1142.068 χ^2/NDF :19.2/14

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

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

Left: -510.871+/-865.180 χ^2/NDF : 30.2/28

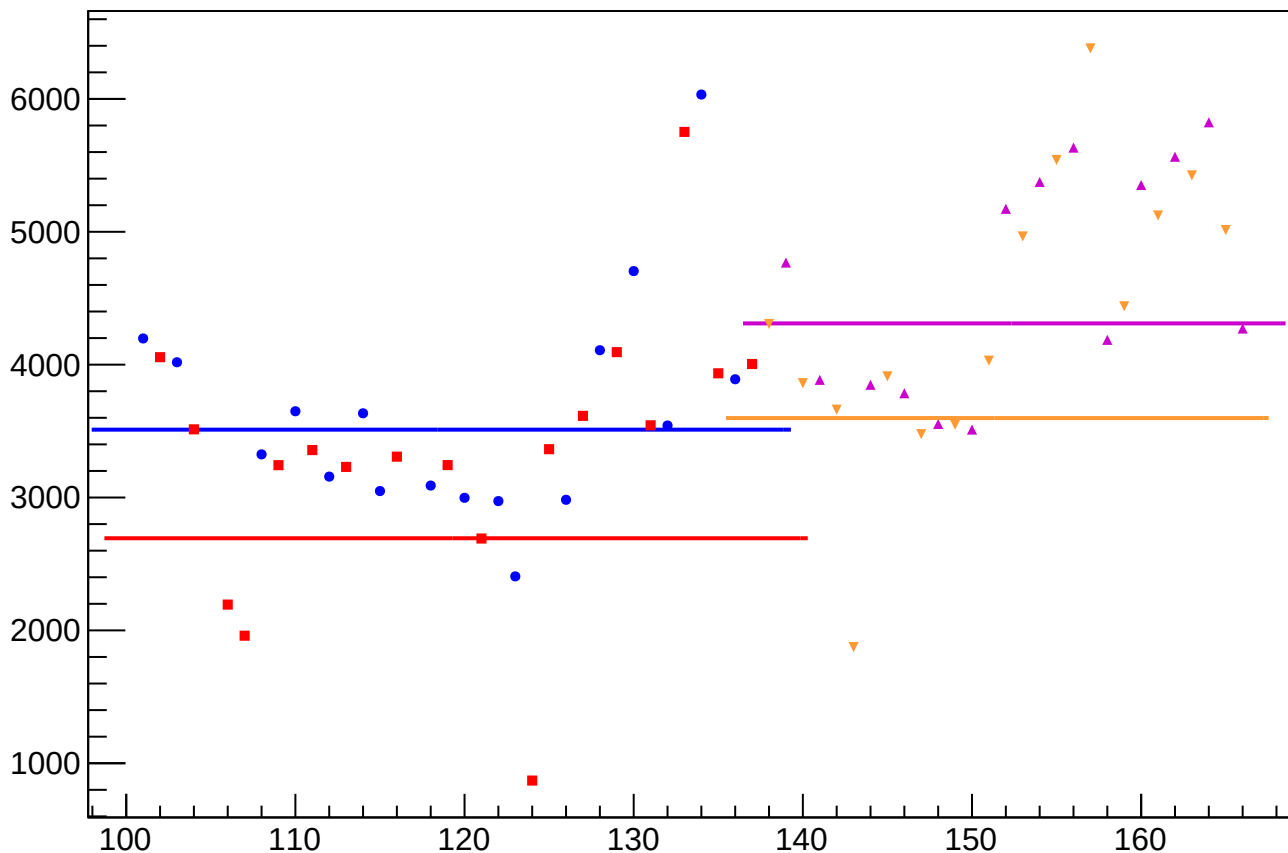
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: 242.781+/-794.349 χ^2/NDF :36.8/32

All: 97.186+/-610.581 χ^2/NDF : 63.3/63

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: 3598.168 $\pm$ 0.808 χ^2 /NDF: 2450819.9/14

Right Out: 2693.503 $\pm$ 0.782 χ^2 /NDF: 2125842.2/17

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

Left: 3901.729 $\pm$ 0.612 χ^2 /NDF: 3449810.8/28

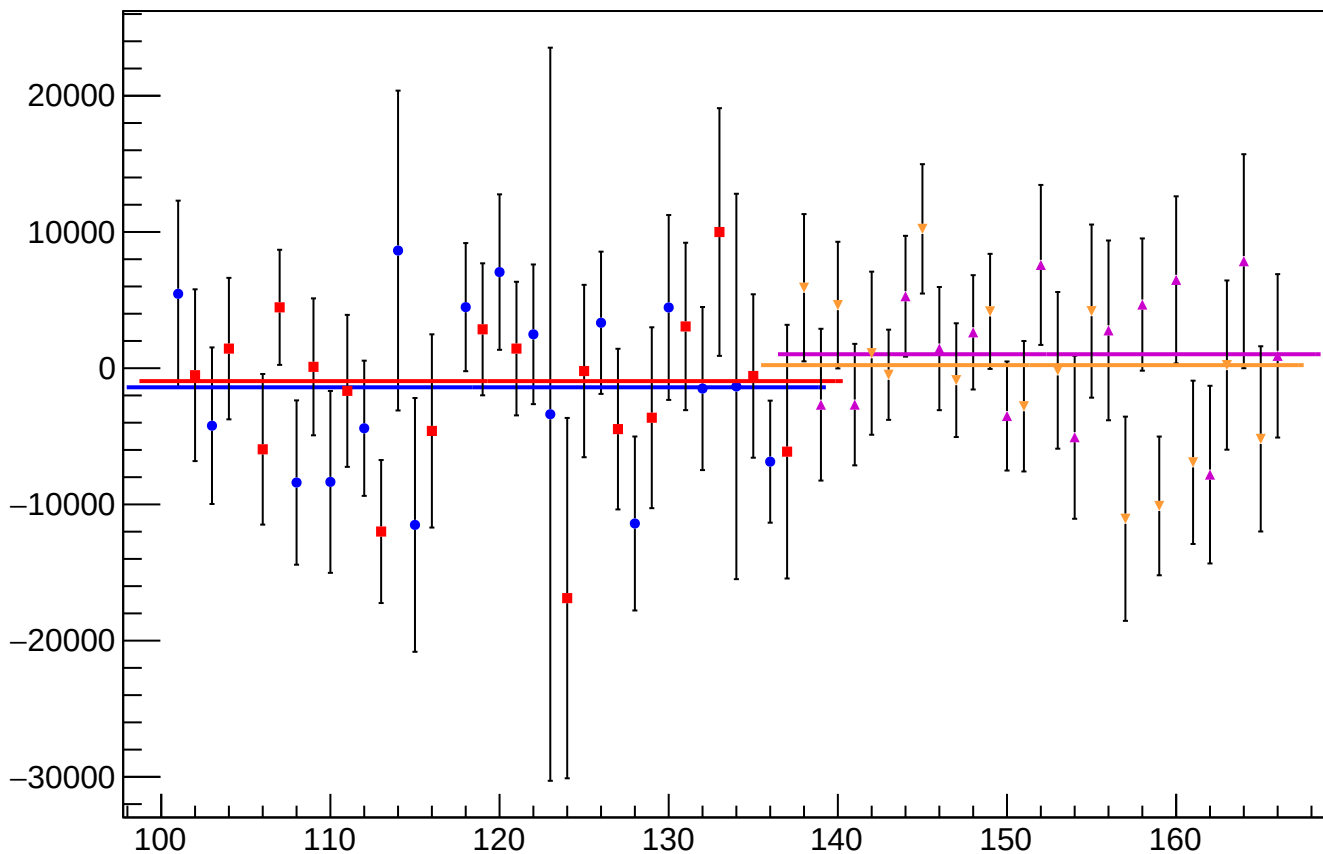
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

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

Out: 3131.153 $\pm$ 0.562 χ^2 /NDF: 5224497.5/32

All: 3456.223 $\pm$ 0.432 χ^2 /NDF: 7405034.8/63

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 225.274 ± 1304.374 $\chi^2/\text{NDF}: 16.7/14$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: 1025.530 ± 1389.608 $\chi^2/\text{NDF}: 9.8/13$

Left: 600.108 ± 951.037 $\chi^2/\text{NDF}: 26.6/28$

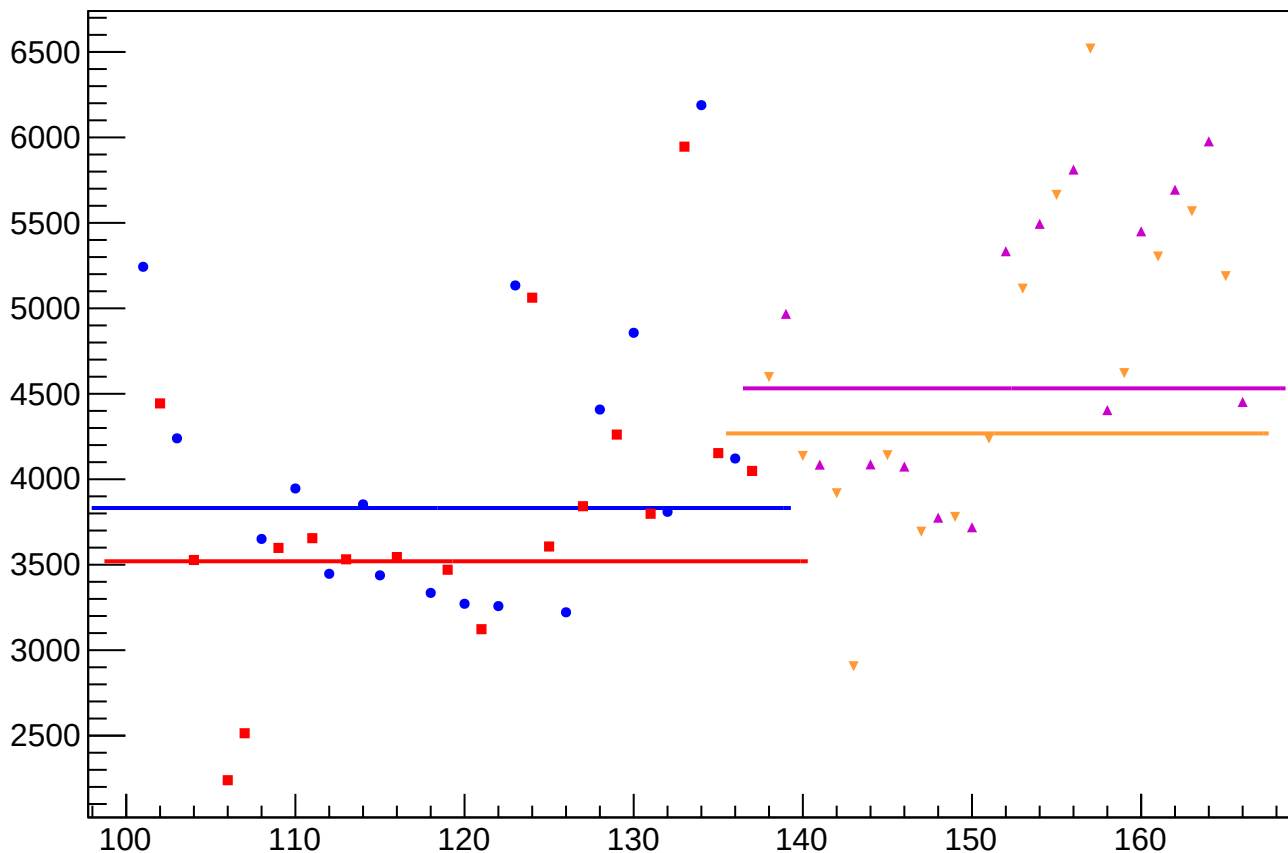
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -92.042 ± 1020.696 $\chi^2/\text{NDF}: 27.0/30$

Out: -327.169 ± 948.817 $\chi^2/\text{NDF}: 29.5/32$

All: -218.175 ± 694.938 $\chi^2/\text{NDF}: 56.5/63$

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: 4268.208+/-0.922 χ^2/NDF : 934530.5/14

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

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

Left: 4391.720+/-0.672 χ^2/NDF : 1535235.1/28

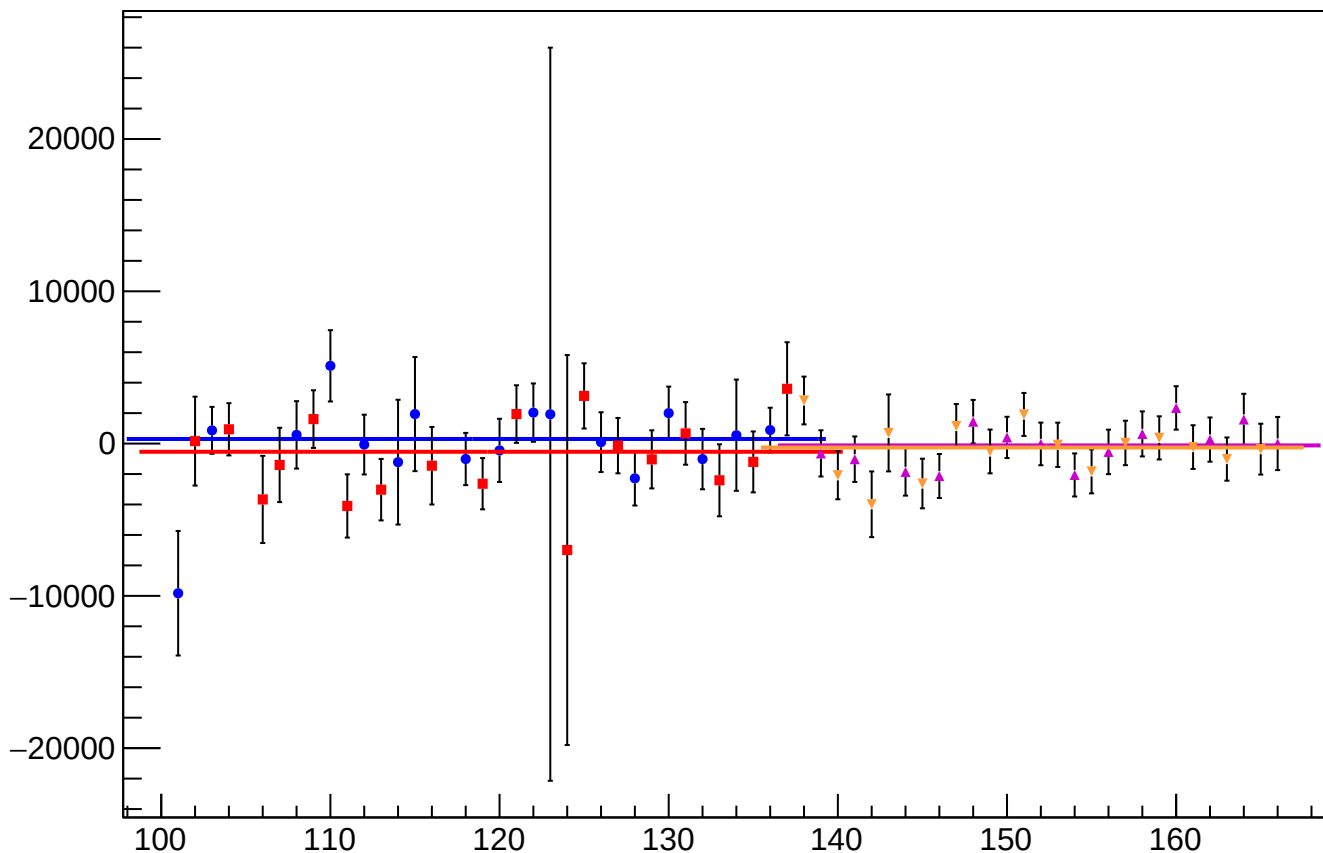
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 3912.563+/-0.668 χ^2/NDF : 1791394.7/32

All: 4049.577+/-0.490 χ^2/NDF : 3016458.1/63

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -256.679 ± 398.960 $\chi^2/\text{NDF}: 15.5/14$

Right Out: -537.727 ± 508.684 $\chi^2/\text{NDF}: 17.5/17$

Left In: -121.067 ± 395.607 $\chi^2/\text{NDF}: 11.3/13$

Left: -188.300 ± 280.914 $\chi^2/\text{NDF}: 26.9/28$

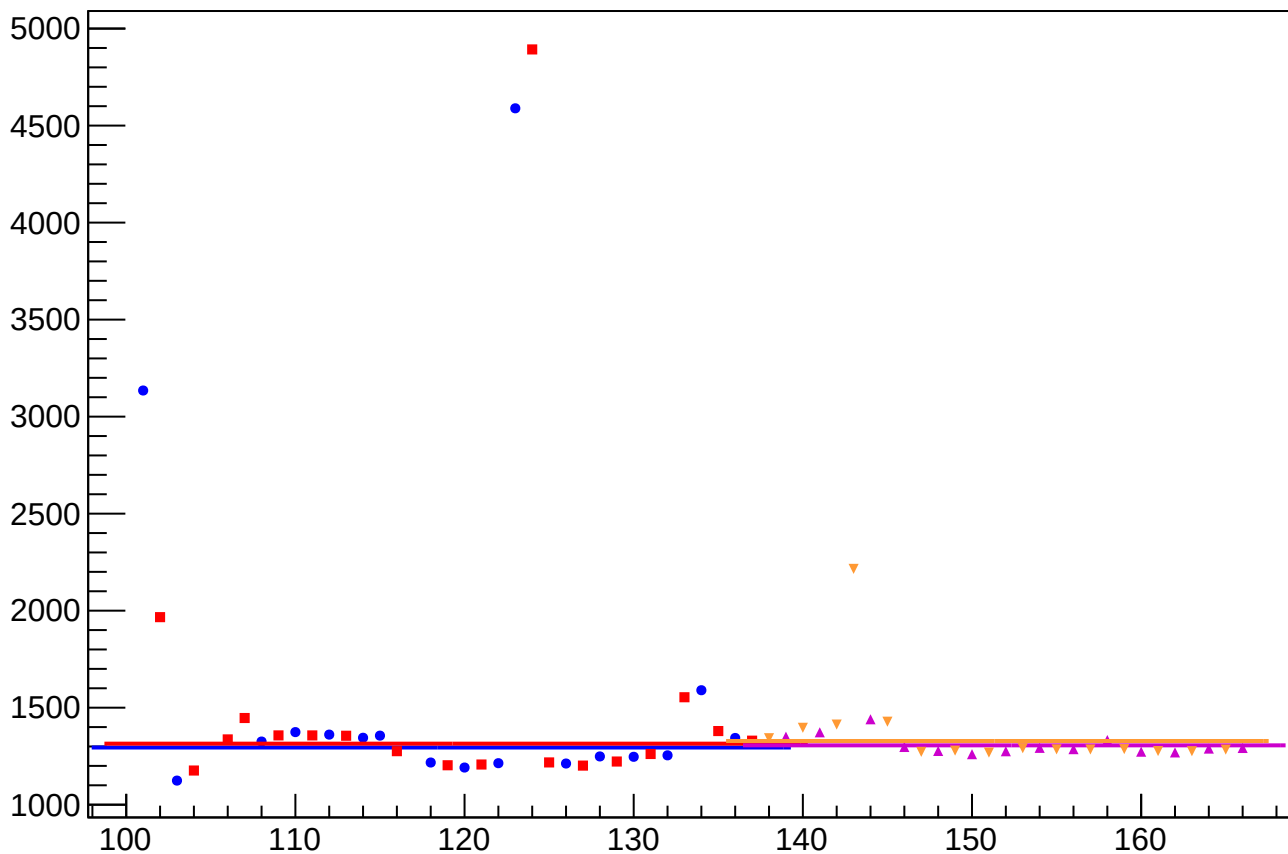
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: 36.756 ± 313.237 $\chi^2/\text{NDF}: 27.8/30$

Out: -363.717 ± 313.925 $\chi^2/\text{NDF}: 33.2/32$

All: -163.041 ± 221.735 $\chi^2/\text{NDF}: 61.8/63$

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: 1328.335 $\pm$ 0.282 χ^2 /NDF: 283401.9/14

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1305.855 $\pm$ 0.280 χ^2 /NDF: 28558.3/13

Left: 1317.000 $\pm$ 0.199 χ^2 /NDF: 315162.0/28

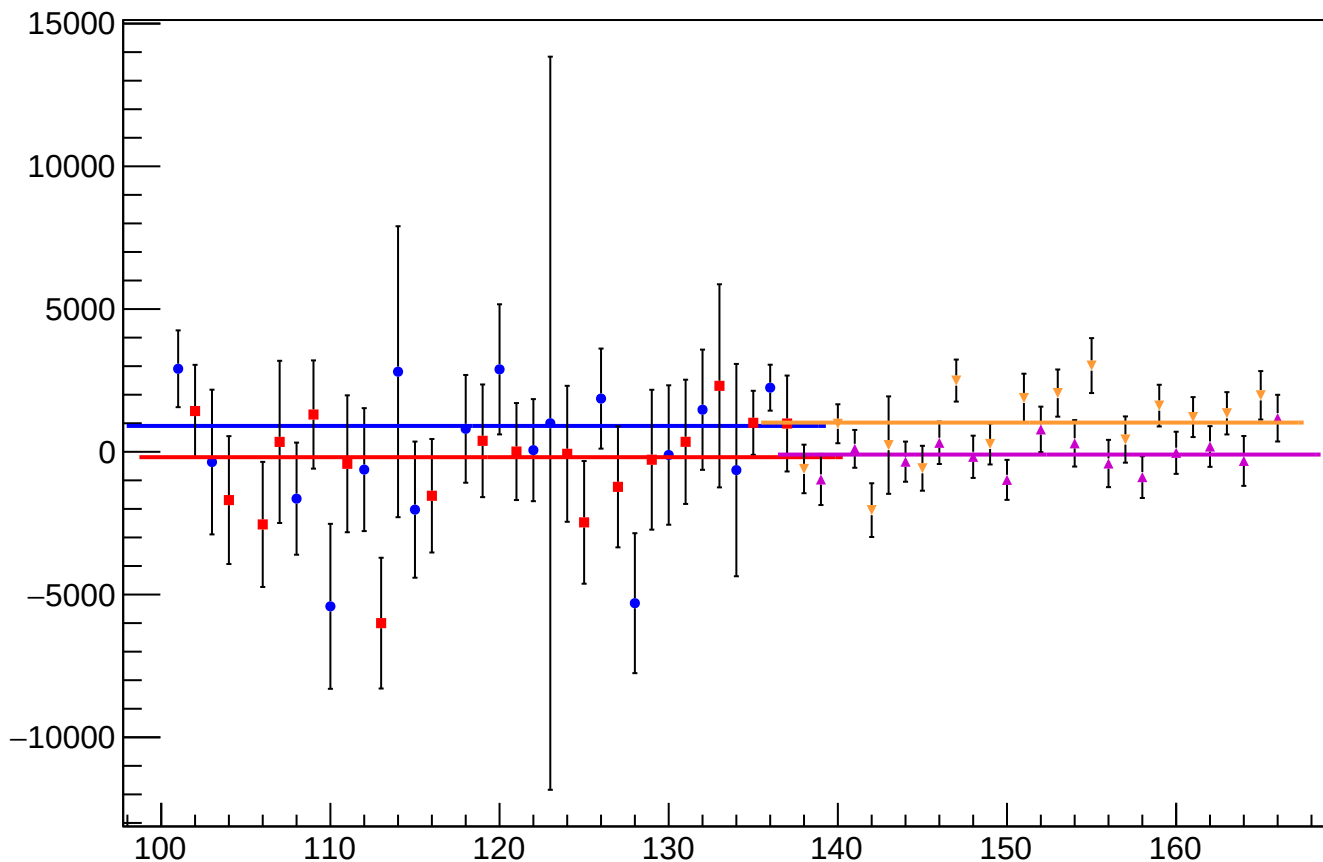
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1301.704 $\pm$ 0.221 χ^2 /NDF: 536952.4/30

Out: 1323.100 $\pm$ 0.222 χ^2 /NDF: 618144.9/32

All: 1312.379 $\pm$ 0.157 χ^2 /NDF: 1159752.5/63

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: 1023.674 $\pm$ 208.597 χ^2 /NDF:33.3/14

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -96.598 $\pm$ 203.082 χ^2 /NDF:8.5/13

Left: 448.534 $\pm$ 145.512 χ^2 /NDF: 56.7/28

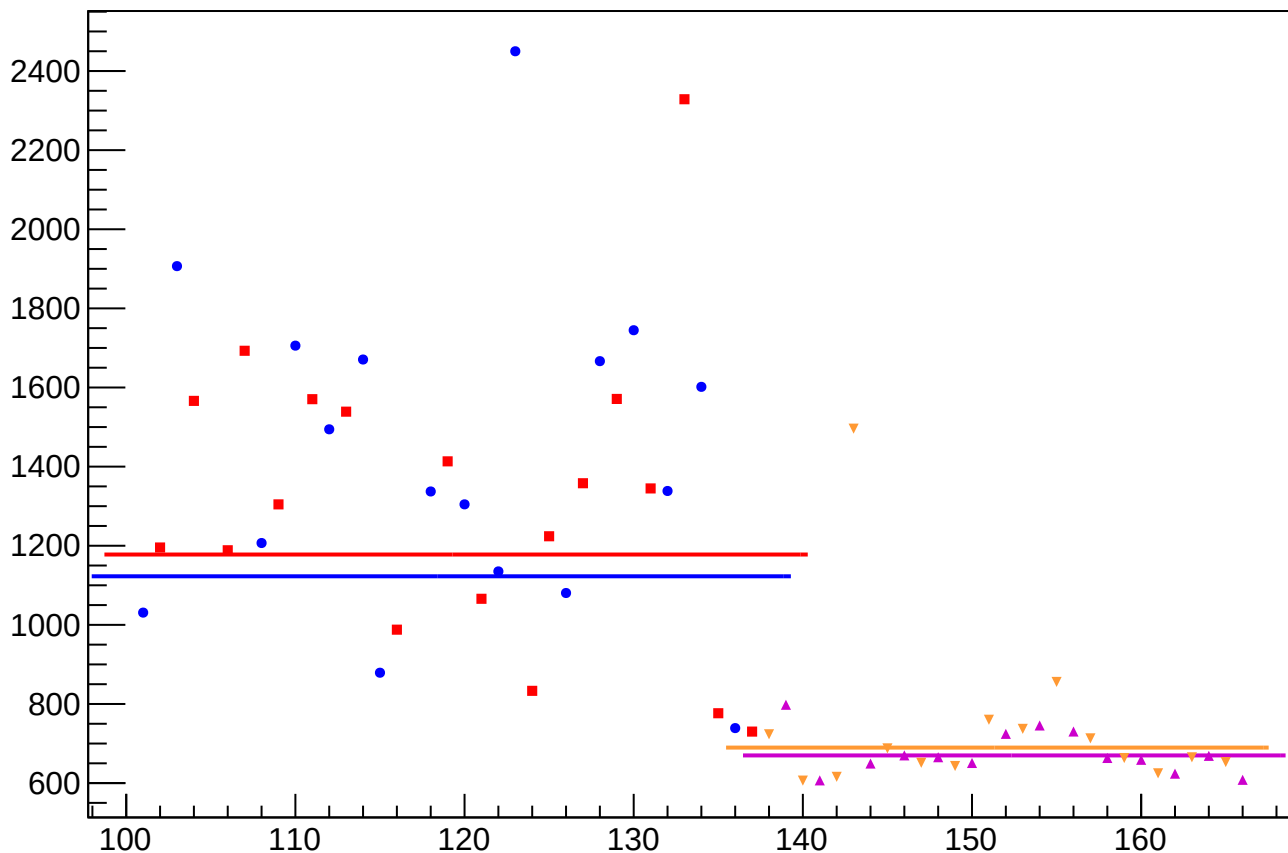
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 69.557 $\pm$ 185.505 χ^2 /NDF:34.5/30

Out: 820.321 $\pm$ 190.292 χ^2 /NDF:52.8/32

All: 435.378 $\pm$ 132.832 χ^2 /NDF: 95.4/63

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: 689.756 $\pm$ 0.148 χ^2/NDF : 612772.5/14

Right Out: 1177.797 $\pm$ 0.328 χ^2/NDF : 1021710.1/17

Left In: 669.945 $\pm$ 0.144 χ^2/NDF : 119957.6/13

Left: 679.585 $\pm$ 0.103 χ^2/NDF : 741991.1/28

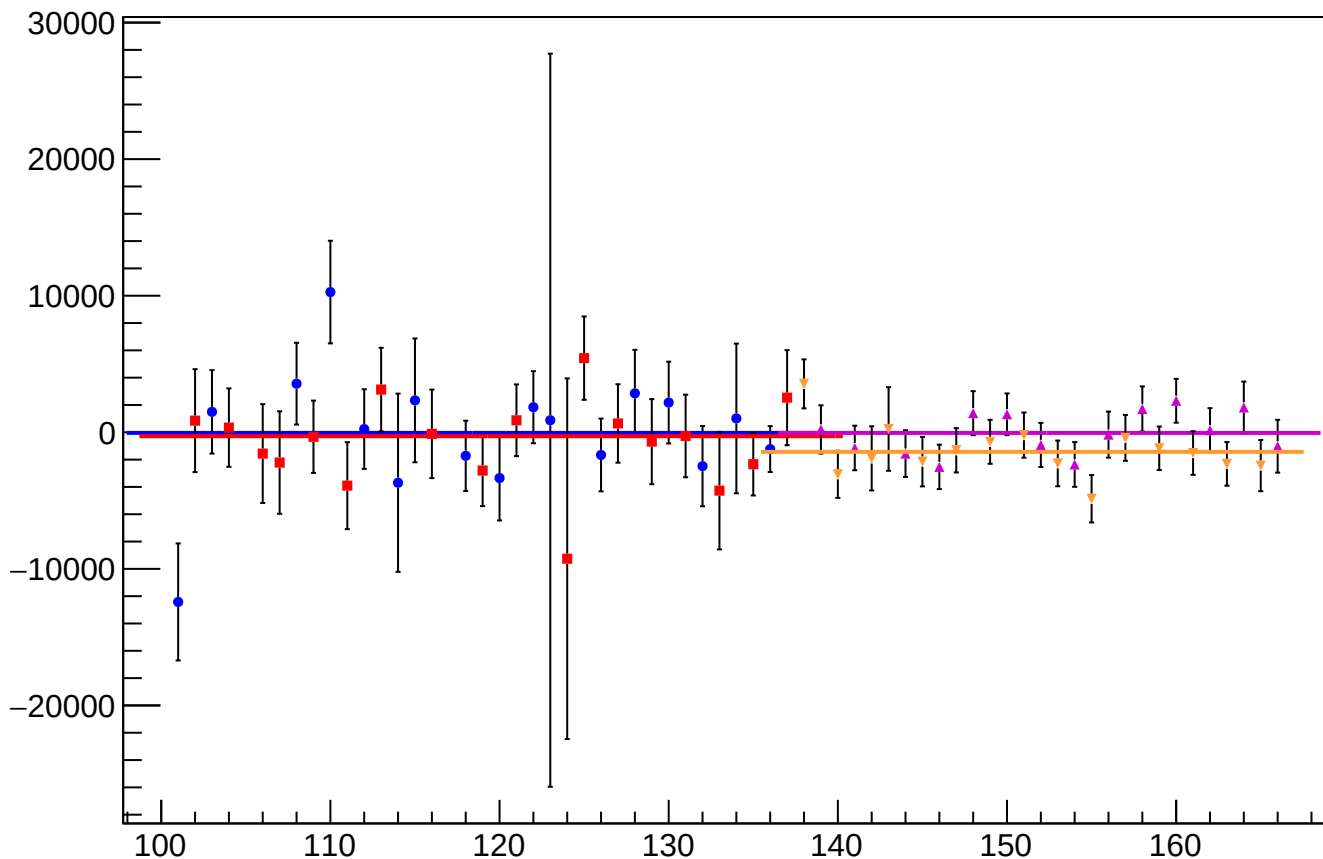
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 744.938 $\pm$ 0.131 χ^2/NDF : 2954752.5/30

Out: 771.651 $\pm$ 0.135 χ^2/NDF : 3471566.5/32

All: 757.955 $\pm$ 0.094 χ^2/NDF : 6446526.8/63

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: -1431.924 ± 452.824 χ^2/NDF : 15.0/14

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -45.545 ± 446.230 χ^2/NDF : 12.0/13

Left: -728.566 ± 317.838 χ^2/NDF : 31.8/28

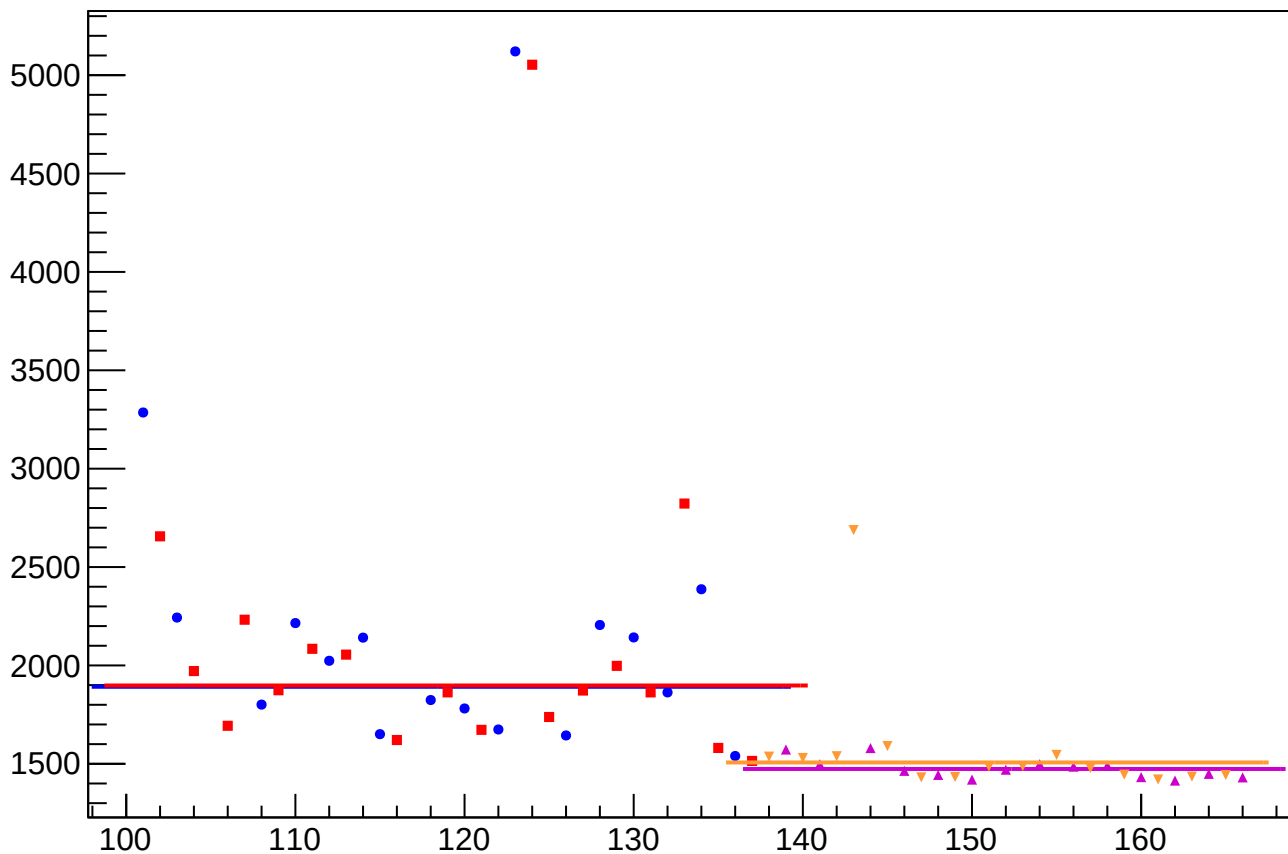
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -45.236 ± 383.163 χ^2/NDF : 35.2/30

Out: -1116.713 ± 385.587 χ^2/NDF : 27.4/32

All: -577.596 ± 271.790 χ^2/NDF : 66.5/63

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: 1506.824 $\pm$ 0.320 χ^2 /NDF: 328849.6/14

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1473.769 $\pm$ 0.316 χ^2 /NDF: 23774.2/13

Left: 1490.054 $\pm$ 0.225 χ^2 /NDF: 358030.6/28

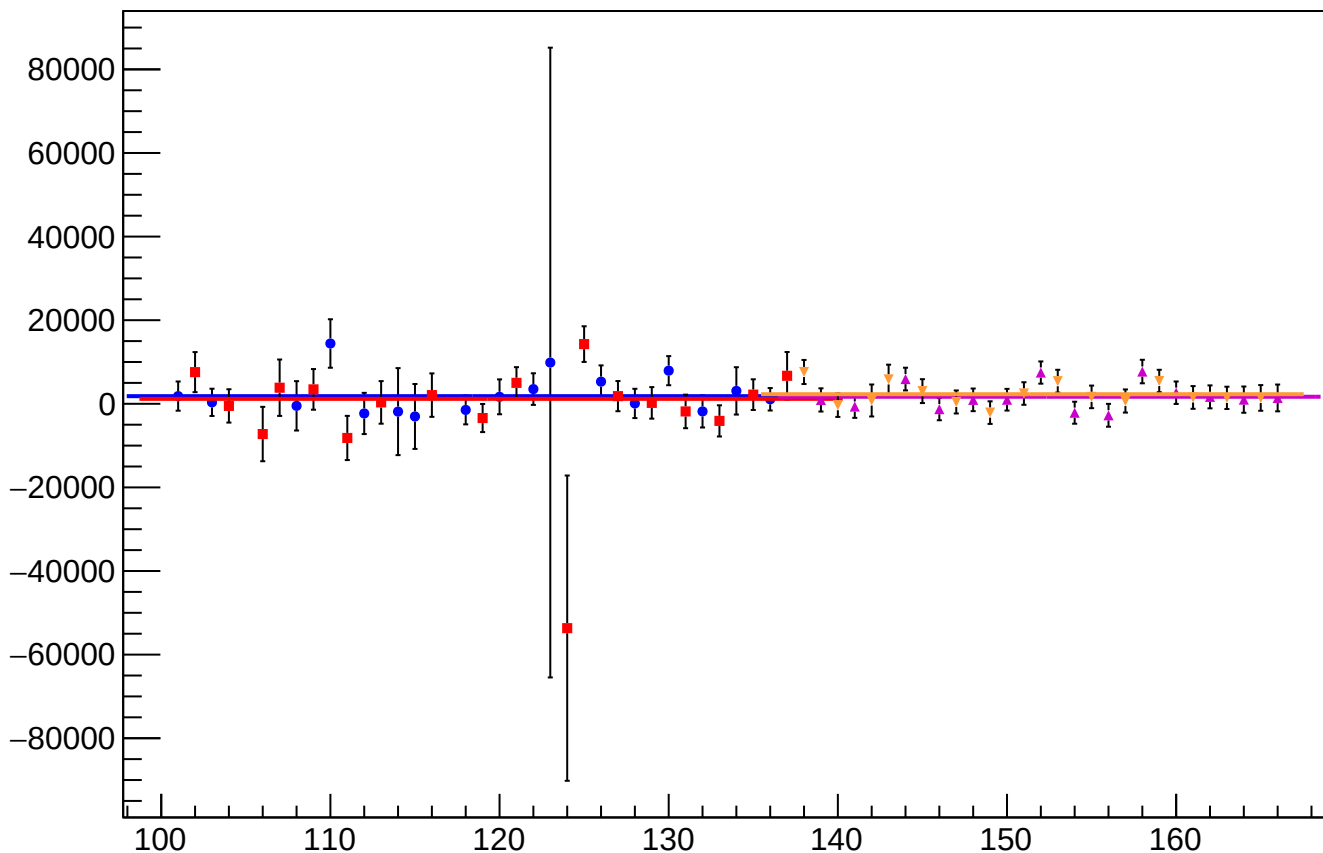
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1583.548 $\pm$ 0.271 χ^2 /NDF: 953650.8/30

Out: 1614.372 $\pm$ 0.273 χ^2 /NDF: 1162894.4/32

All: 1598.863 $\pm$ 0.192 χ^2 /NDF: 2122975.9/63

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2292.961 $\pm$ 735.749 χ^2 /NDF:12.0/14

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1686.257 $\pm$ 736.407 χ^2 /NDF:18.9/13

Left: 1989.880 $\pm$ 520.486 χ^2 /NDF: 31.2/28

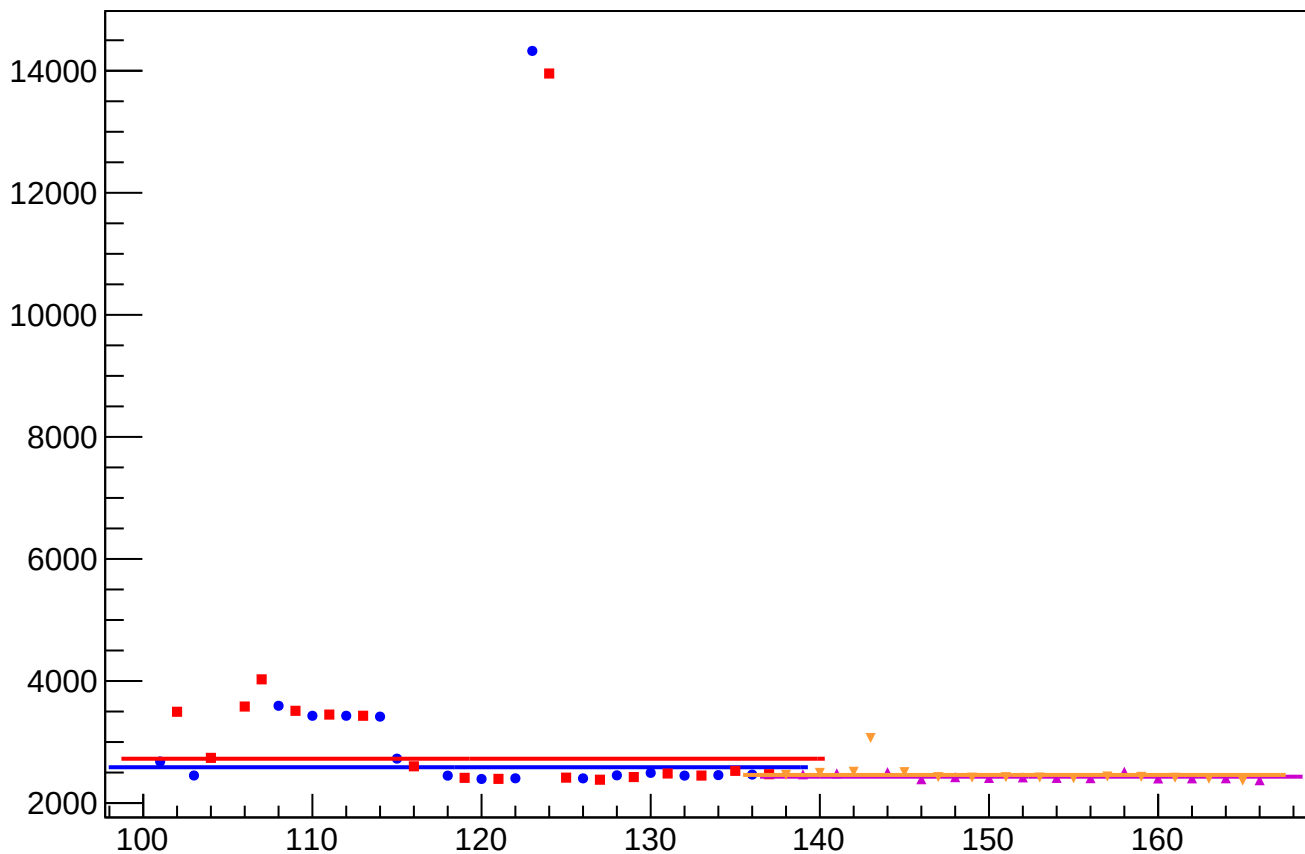
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1734.418 $\pm$ 595.071 χ^2 /NDF:31.5/30

Out: 1927.341 $\pm$ 602.533 χ^2 /NDF:38.2/32

All: 1829.677 $\pm$ 423.392 χ^2 /NDF: 69.7/63

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2460.871+/-0.520 χ^2/NDF : 66736.4/14

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2432.023+/-0.521 χ^2/NDF : 6579.9/13

Left: 2446.460+/-0.368 χ^2/NDF : 74852.3/28

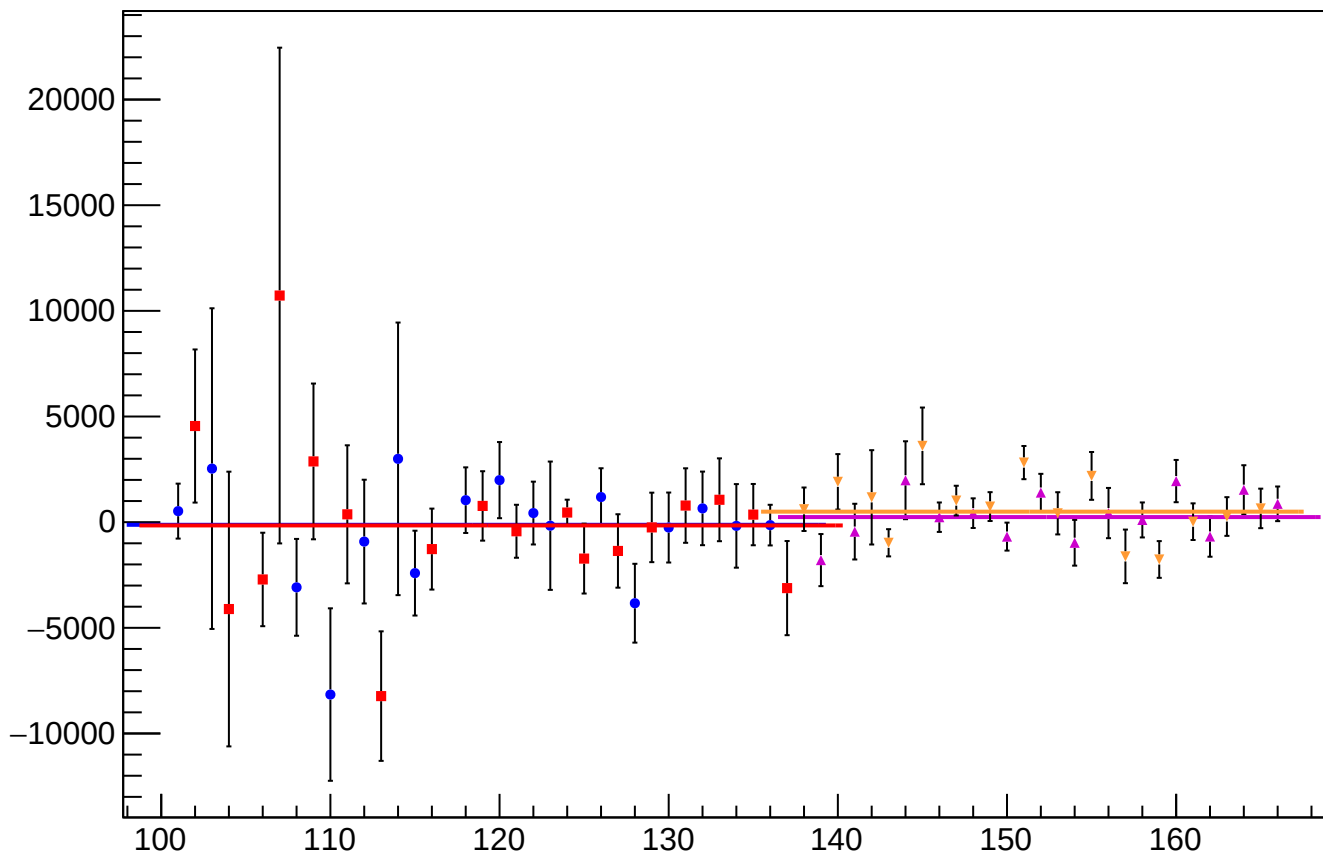
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2485.795+/-0.421 χ^2/NDF : 291422.2/30

Out: 2548.340+/-0.426 χ^2/NDF : 733413.6/32

All: 2516.678+/-0.299 χ^2/NDF : 1035744.9/63

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 497.664+/-238.162 χ^2/NDF : 31.1/14

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 240.928+/-246.083 χ^2/NDF : 14.6/13

Left: 373.495+/-171.138 χ^2/NDF : 46.2/28

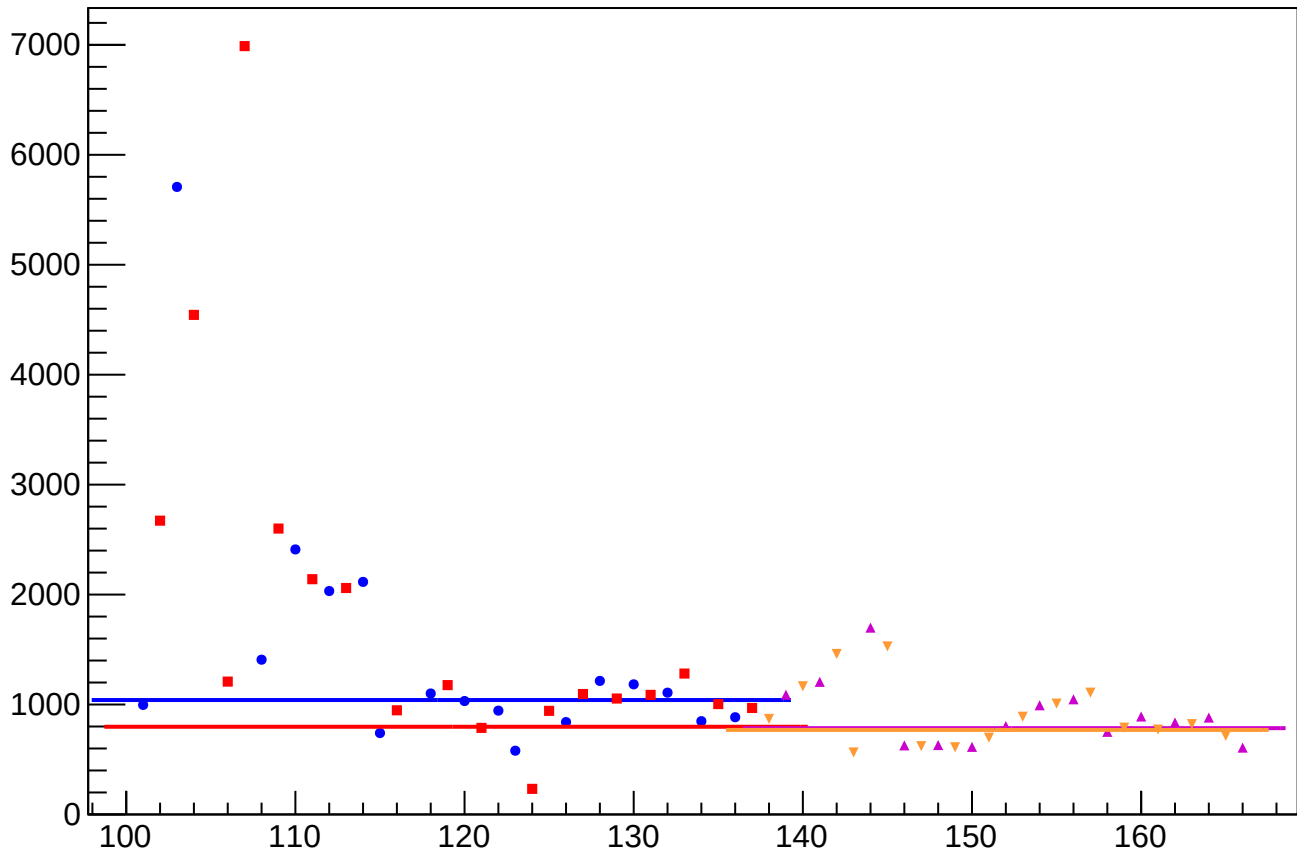
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: 151.020+/-213.674 χ^2/NDF : 29.8/30

Out: 314.356+/-201.940 χ^2/NDF : 50.7/32

All: 237.295+/-146.766 χ^2/NDF : 80.9/63

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.789+/-0.168 χ^2/NDF :1433898.0/14

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 784.883+/-0.174 χ^2/NDF :1457442.0/13

Left: 776.573+/-0.121 χ^2/NDF : 2895757.1/28

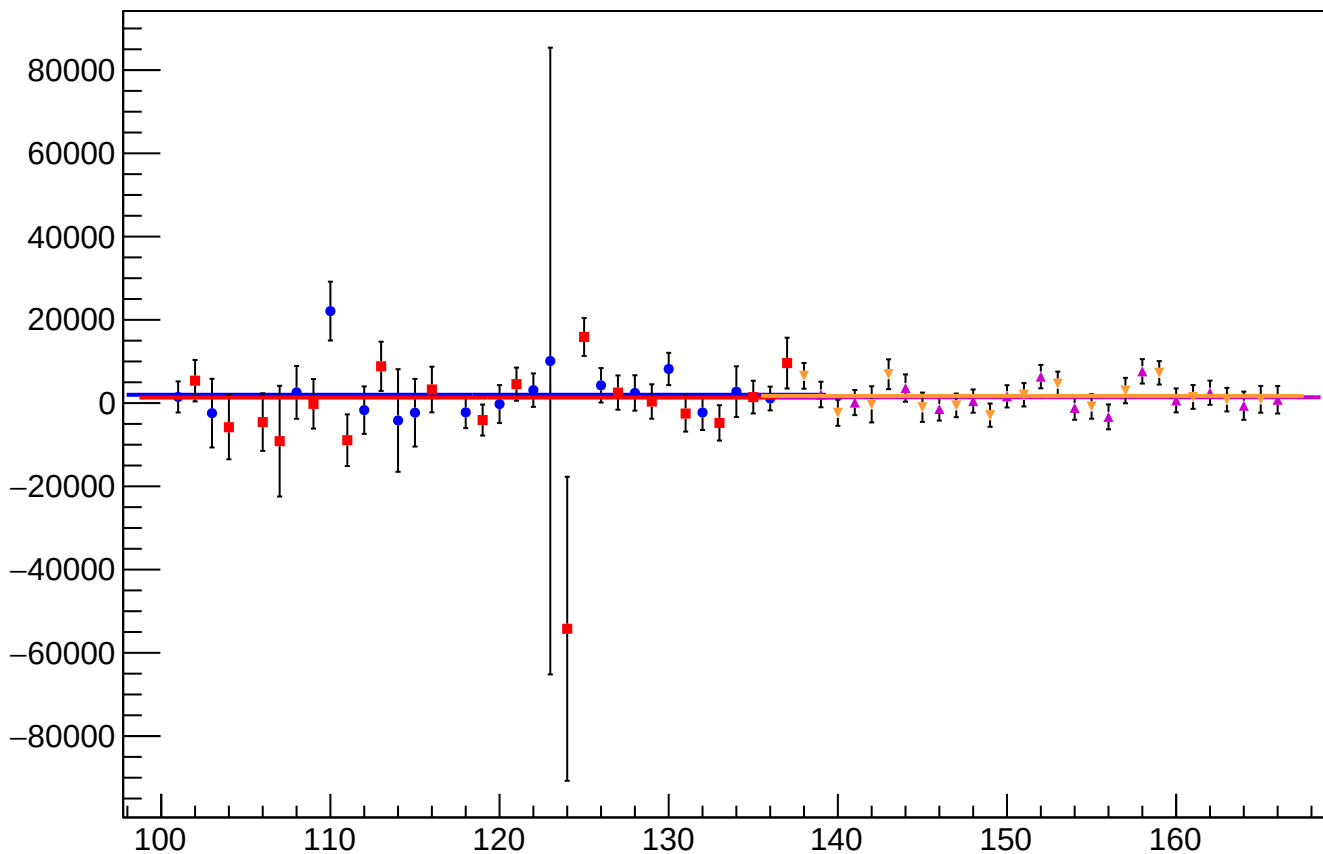
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 847.843+/-0.151 χ^2/NDF :3562538.7/30

Out: 776.923+/-0.143 χ^2/NDF :6616531.1/32

All: 810.382+/-0.104 χ^2/NDF : 10295445.9/63

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2 /NDF: 14.9/16

Left Out: 1723.940+/-788.803 χ^2 /NDF:16.4/14

Right Out: 1336.627+/-1193.730 χ^2 /NDF: 27.5/17

Left In: 1402.426+/-790.199 χ^2 /NDF:13.3/13

Left: 1563.467+/-558.261 χ^2 /NDF: 29.8/28

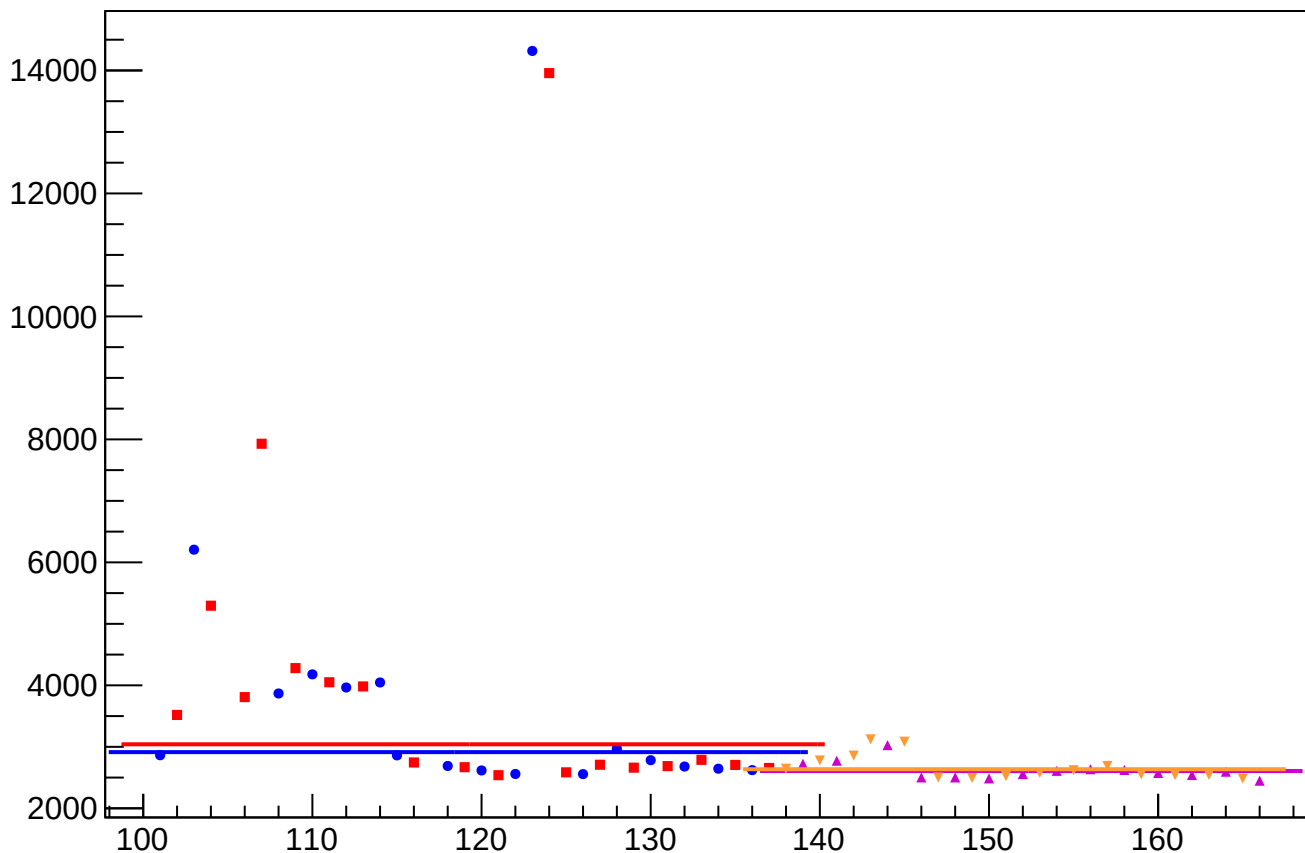
Right: 1677.304+/-830.083 χ^2 /NDF: 42.6/34

In: 1591.748+/-652.183 χ^2 /NDF:28.4/30

Out: 1606.223+/-658.104 χ^2 /NDF:44.0/32

All: 1598.921+/-463.242 χ^2 /NDF: 72.4/63

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2635.793+/-0.558 χ^2/NDF : 103150.6/14

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2606.274+/-0.559 χ^2/NDF : 58272.4/13

Left: 2621.060+/-0.395 χ^2/NDF : 162821.0/28

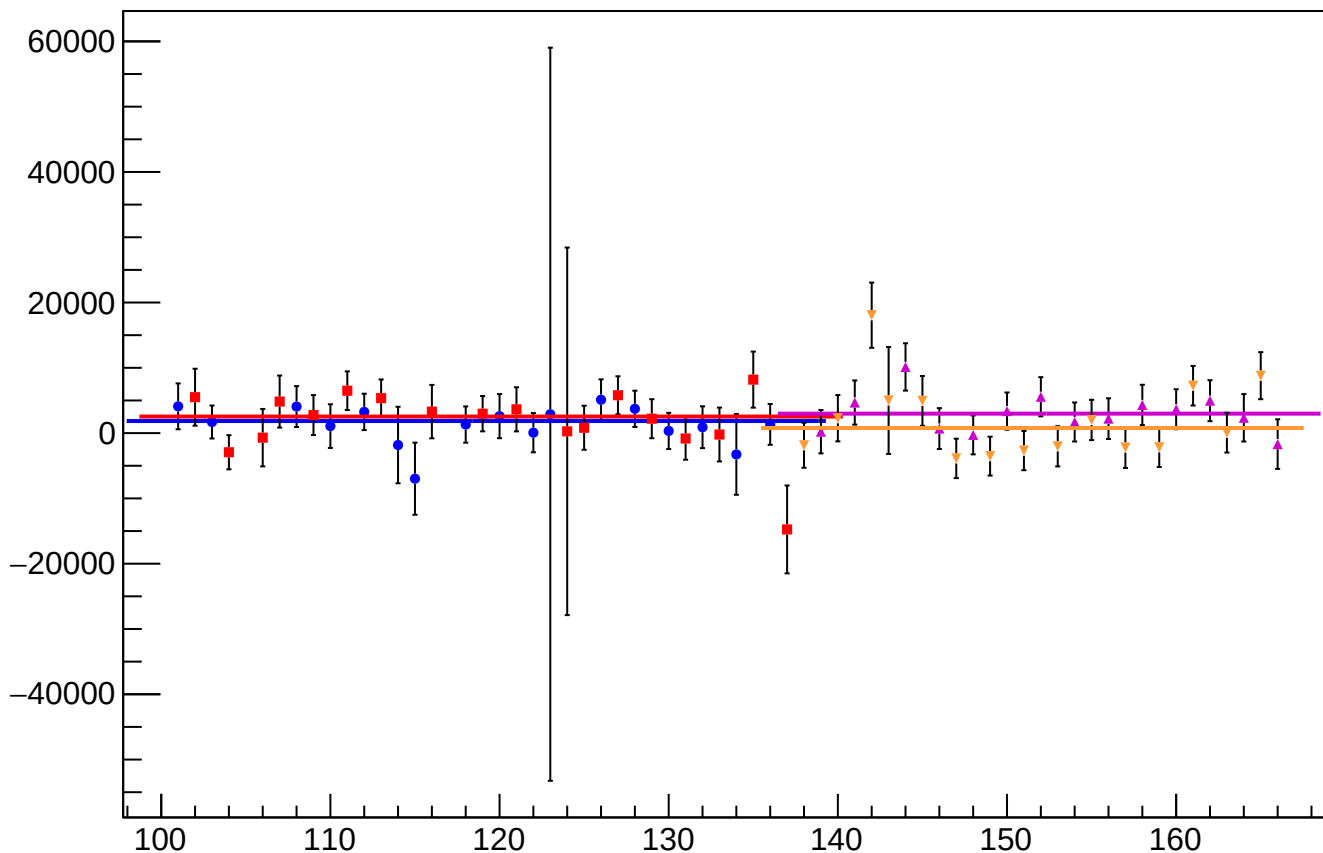
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2704.341+/-0.461 χ^2/NDF : 793877.7/30

Out: 2759.018+/-0.465 χ^2/NDF : 1267320.8/32

All: 2731.432+/-0.328 χ^2/NDF : 2068163.6/63

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 785.828+/-864.782 χ^2/NDF :32.4/14

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2981.376+/-852.399 χ^2/NDF :9.8/13

Left: 1899.435+/-607.068 χ^2/NDF : 45.4/28

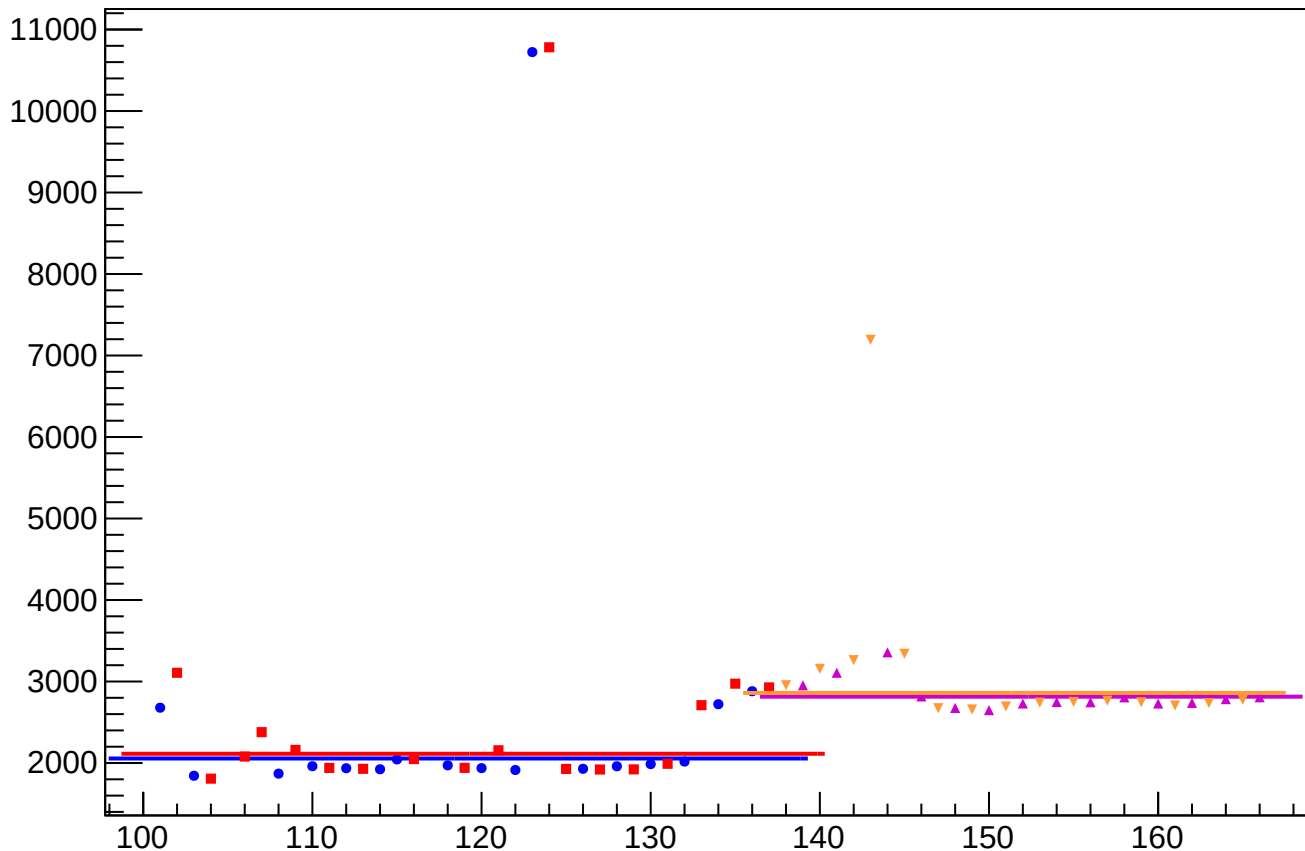
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2384.640+/-585.936 χ^2/NDF :17.9/30

Out: 1707.682+/-594.770 χ^2/NDF :54.6/32

All: 2051.226+/-417.408 χ^2/NDF : 73.2/63

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2860.046+/-0.611 χ^2/NDF : 663267.0/14

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2814.000+/-0.603 χ^2/NDF : 81011.8/13

Left: 2836.691+/-0.429 χ^2/NDF : 747154.7/28

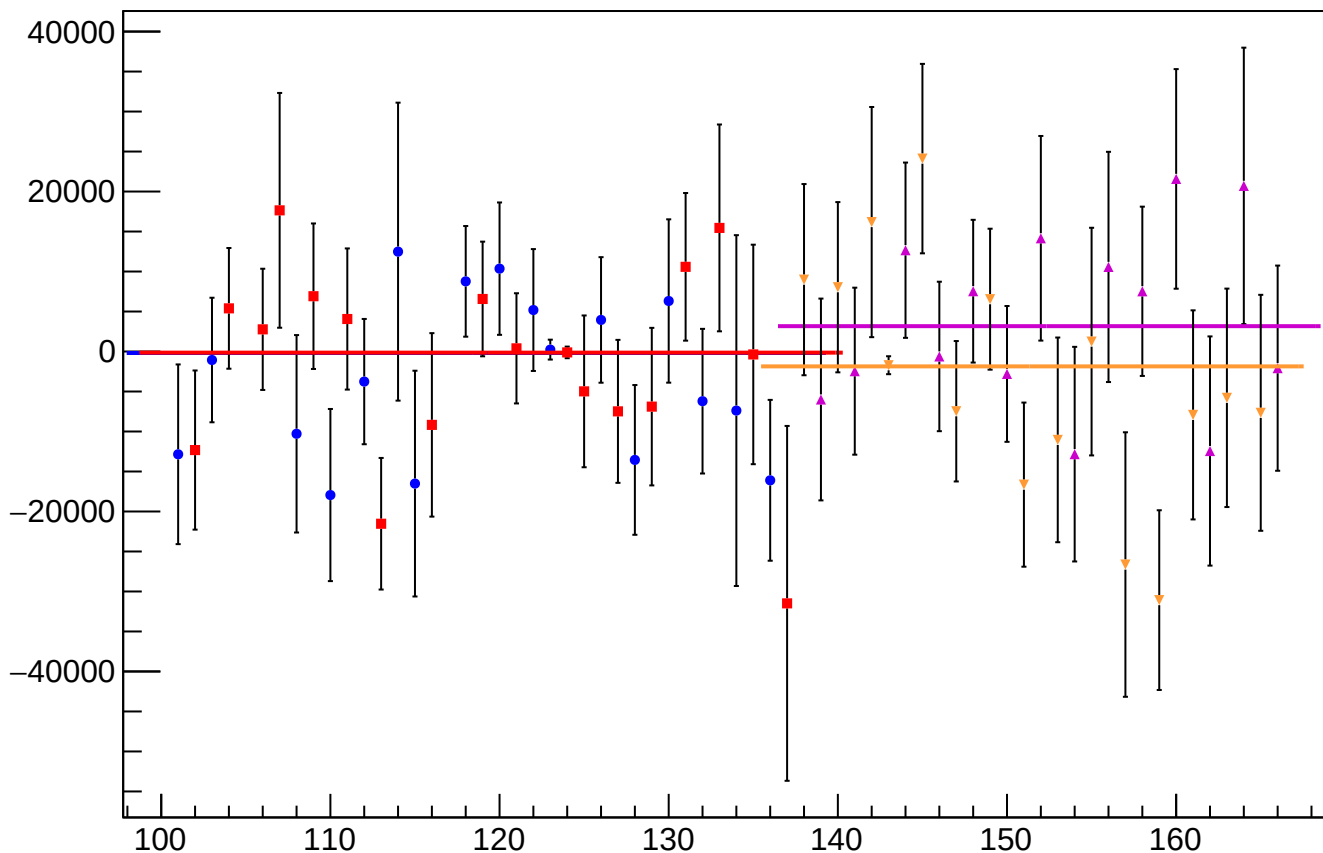
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2413.873+/-0.414 χ^2/NDF : 1232861.1/30

Out: 2465.973+/-0.420 χ^2/NDF : 1982252.8/32

All: 2439.554+/-0.295 χ^2/NDF : 3222908.1/63

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1858.703+/-1056.698 χ^2/NDF : 21.5/14

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 3168.900+/-3061.173 χ^2/NDF : 9.2/13

Left: -1323.406+/-998.861 χ^2/NDF : 33.2/28

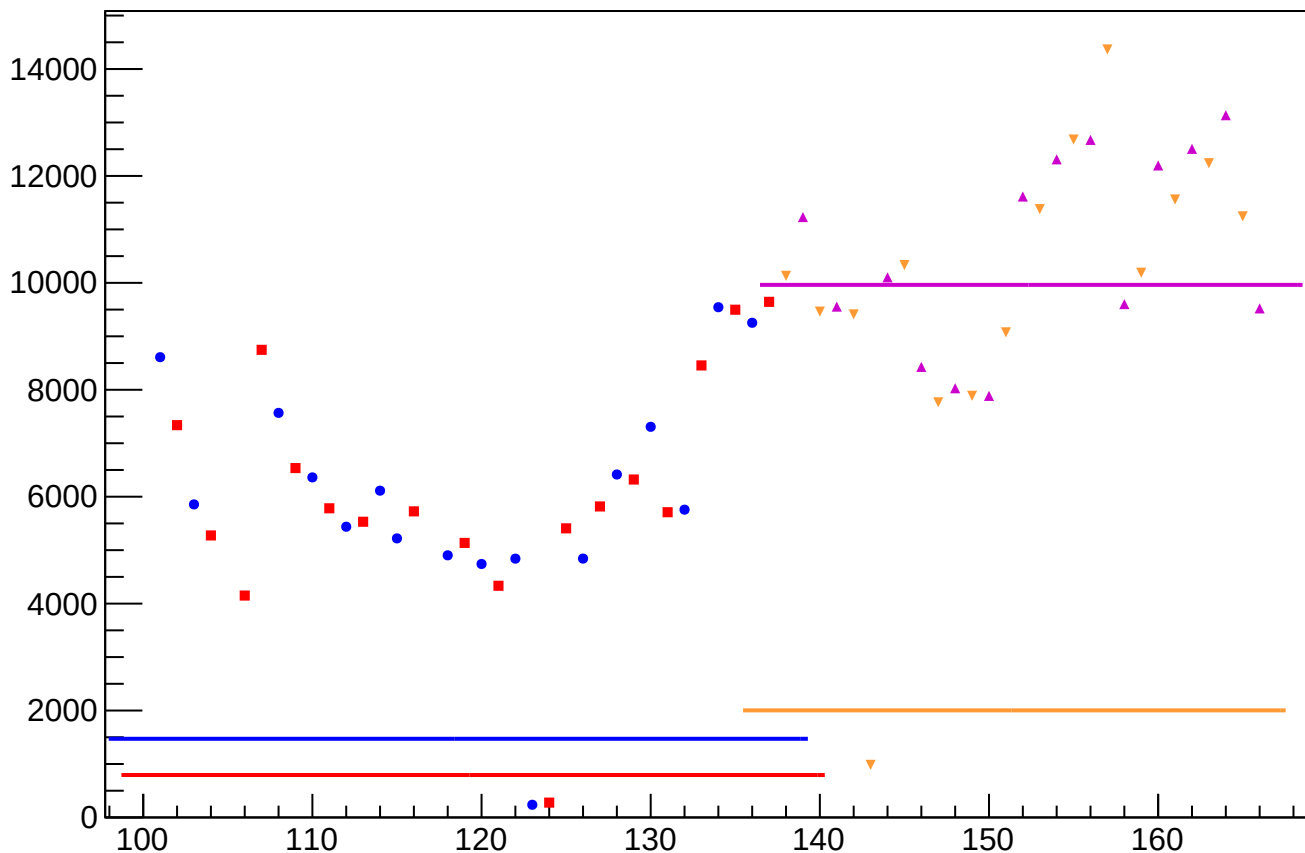
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 198.810+/-1035.844 χ^2/NDF : 26.7/30

Out: -656.140+/-578.313 χ^2/NDF : 42.3/32

All: -452.977+/-504.947 χ^2/NDF : 69.5/63

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left Out: 2003.103 $\pm$ 0.747

χ^2 /NDF: 15139222.7/14

Right Out: 793.659 $\pm$ 0.489

χ^2 /NDF: 11422584.5/17

Left In: 9962.348 $\pm$ 2.165

χ^2 /NDF: 644906.0/13

Left: 2850.538 $\pm$ 0.706

χ^2 /NDF: 27865224.2/28

Right: 985.285 $\pm$ 0.414

χ^2 /NDF: 21755031.4/34

In: 2443.814 $\pm$ 0.732

χ^2 /NDF: 24058048.3/30

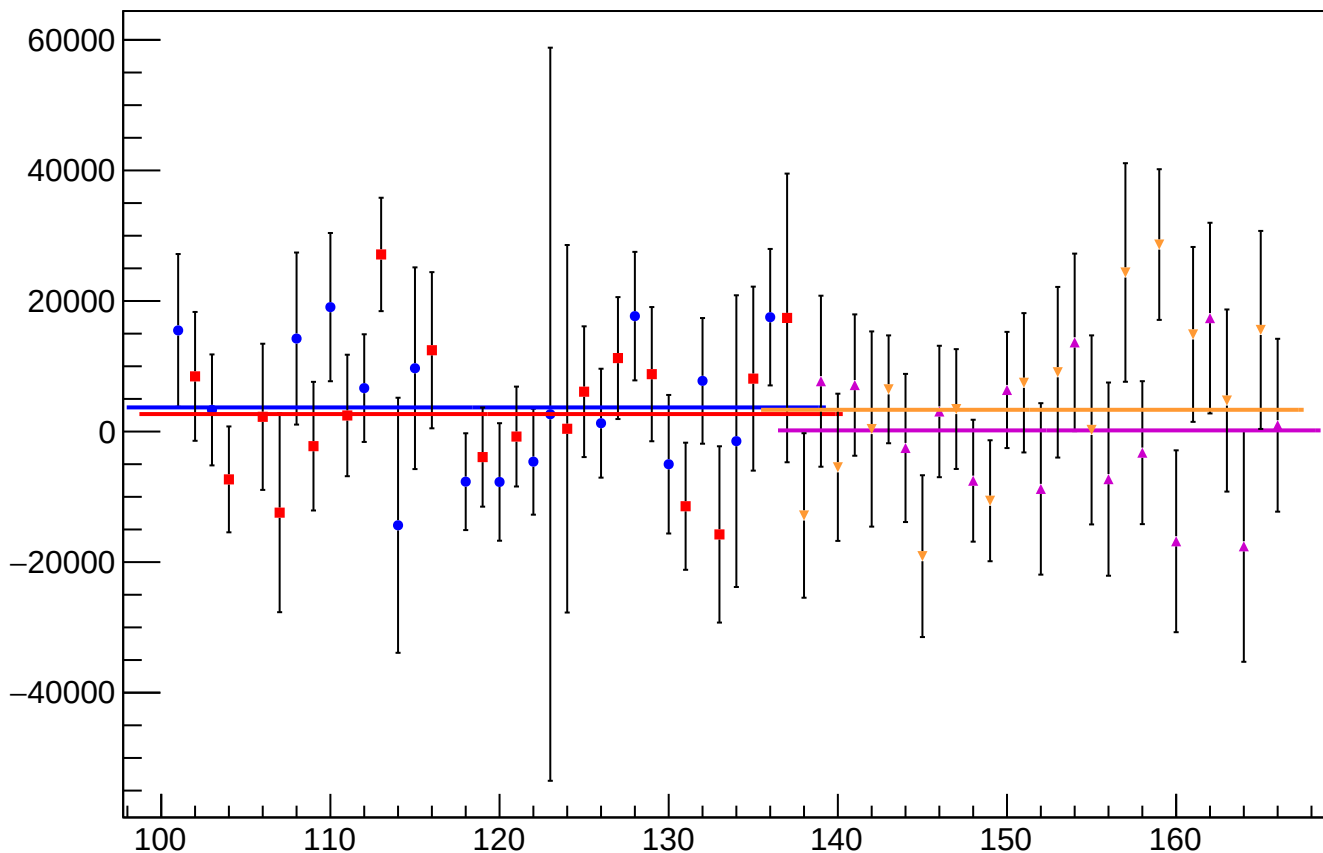
Out: 1155.911 $\pm$ 0.409

χ^2 /NDF: 28397058.3/32

All: 1461.957 $\pm$ 0.357

χ^2 /NDF: 54812182.5/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 3332.582 $\pm$ 3030.977 χ^2 /NDF:16.2/14

Right Out: 2679.483 $\pm$ 2428.648 χ^2 /NDF: 18.5/17

Left In: 177.947 $\pm$ 3179.179 χ^2 /NDF:7.7/13

Left: 1830.505 $\pm$ 2193.747 χ^2 /NDF: 24.4/28

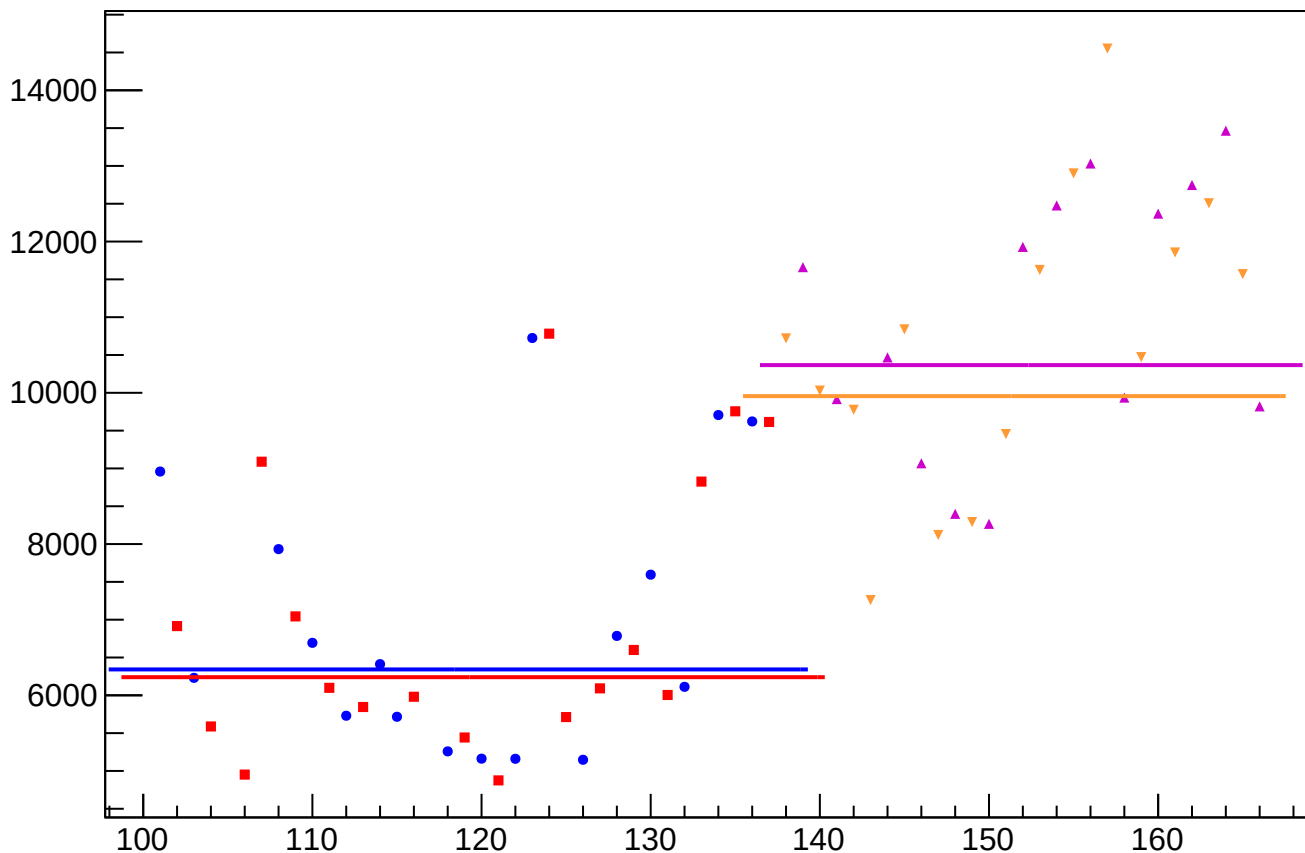
Right: 3170.572 $\pm$ 1748.031 χ^2 /NDF: 33.0/34

In: 2341.364 $\pm$ 1973.855 χ^2 /NDF:22.9/30

Out: 2934.846 $\pm$ 1895.276 χ^2 /NDF:34.7/32

All: 2650.153 $\pm$ 1367.098 χ^2 /NDF: 57.6/63

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9956.165+/-2.143 χ^2/NDF : 779756.3/14

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10366.234+/-2.248 χ^2/NDF : 560129.5/13

Left: 10151.419+/-1.551 χ^2/NDF : 1357316.8/28

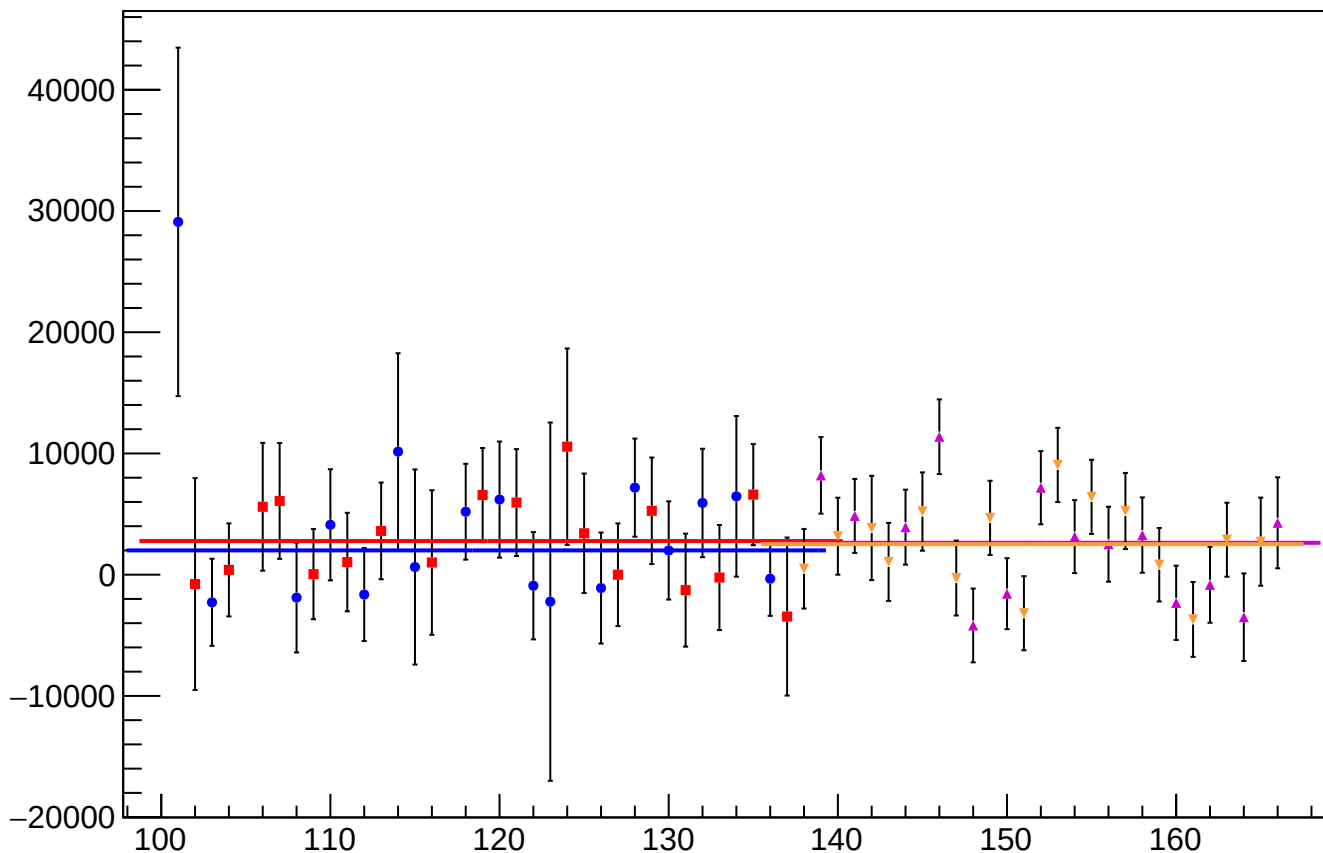
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7893.449+/-1.396 χ^2/NDF : 3122746.4/30

Out: 7692.780+/-1.340 χ^2/NDF : 3140260.3/32

All: 7789.038+/-0.967 χ^2/NDF : 6273762.1/63

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2521.809 $\pm$ 825.265 χ^2 /NDF:17.5/14

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2631.811 $\pm$ 837.068 χ^2 /NDF:28.2/13

Left: 2576.029 $\pm$ 587.679 χ^2 /NDF: 45.8/28

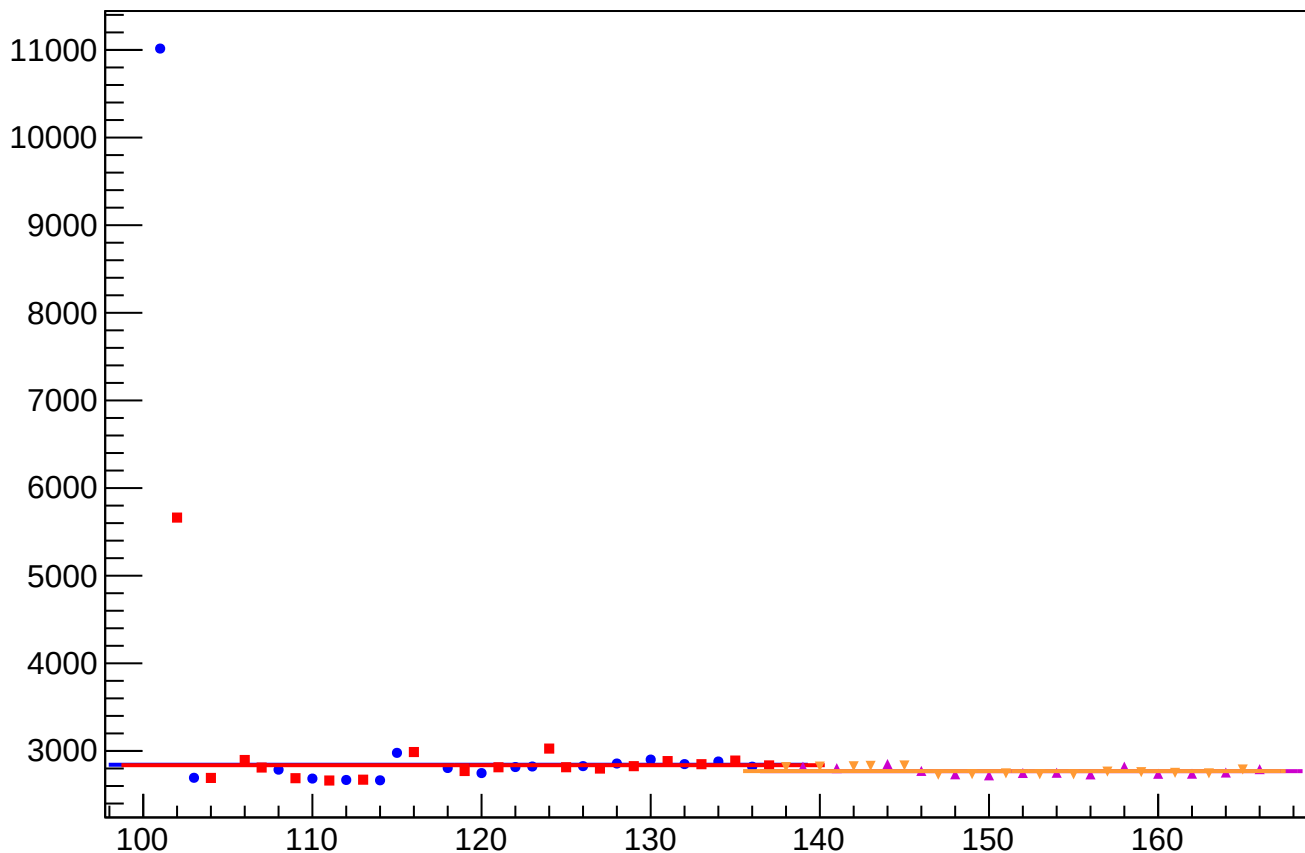
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2408.414 $\pm$ 671.656 χ^2 /NDF:42.1/30

Out: 2614.789 $\pm$ 657.252 χ^2 /NDF:25.9/32

All: 2513.838 $\pm$ 469.757 χ^2 /NDF: 68.1/63

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2770.033+/-0.584 χ^2/NDF : 4407.8/14

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2769.391+/-0.592 χ^2/NDF : 4456.1/13

Left: 2769.717+/-0.416 χ^2/NDF : 8864.4/28

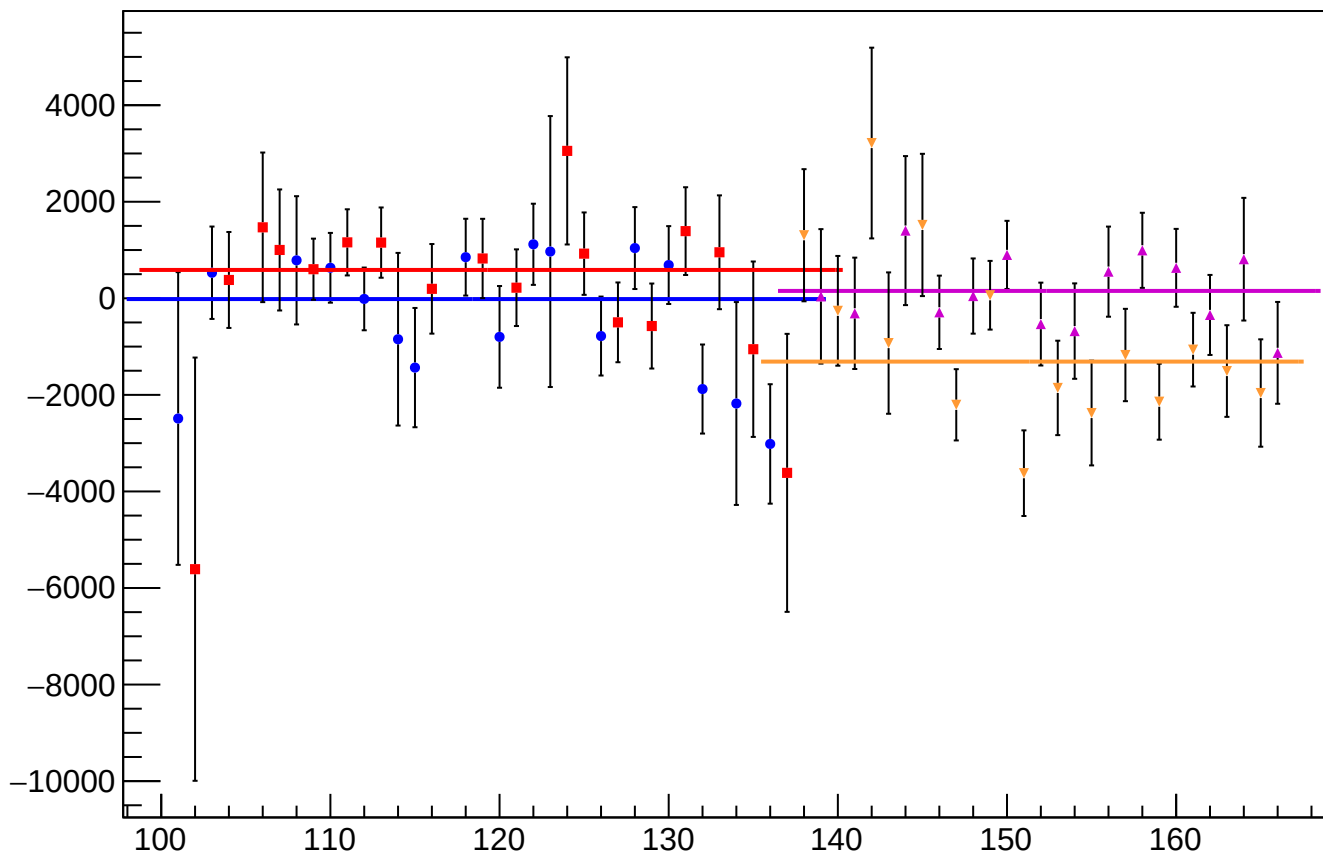
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2795.476+/-0.475 χ^2/NDF : 670214.0/30

Out: 2794.685+/-0.465 χ^2/NDF : 235709.5/32

All: 2795.072+/-0.332 χ^2/NDF : 905924.9/63

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1310.694 $\pm$ 251.448 χ^2/NDF : 28.4/14

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 153.143 $\pm$ 244.193 χ^2/NDF : 7.5/13

Left: -557.354 $\pm$ 175.179 χ^2/NDF : 53.3/28

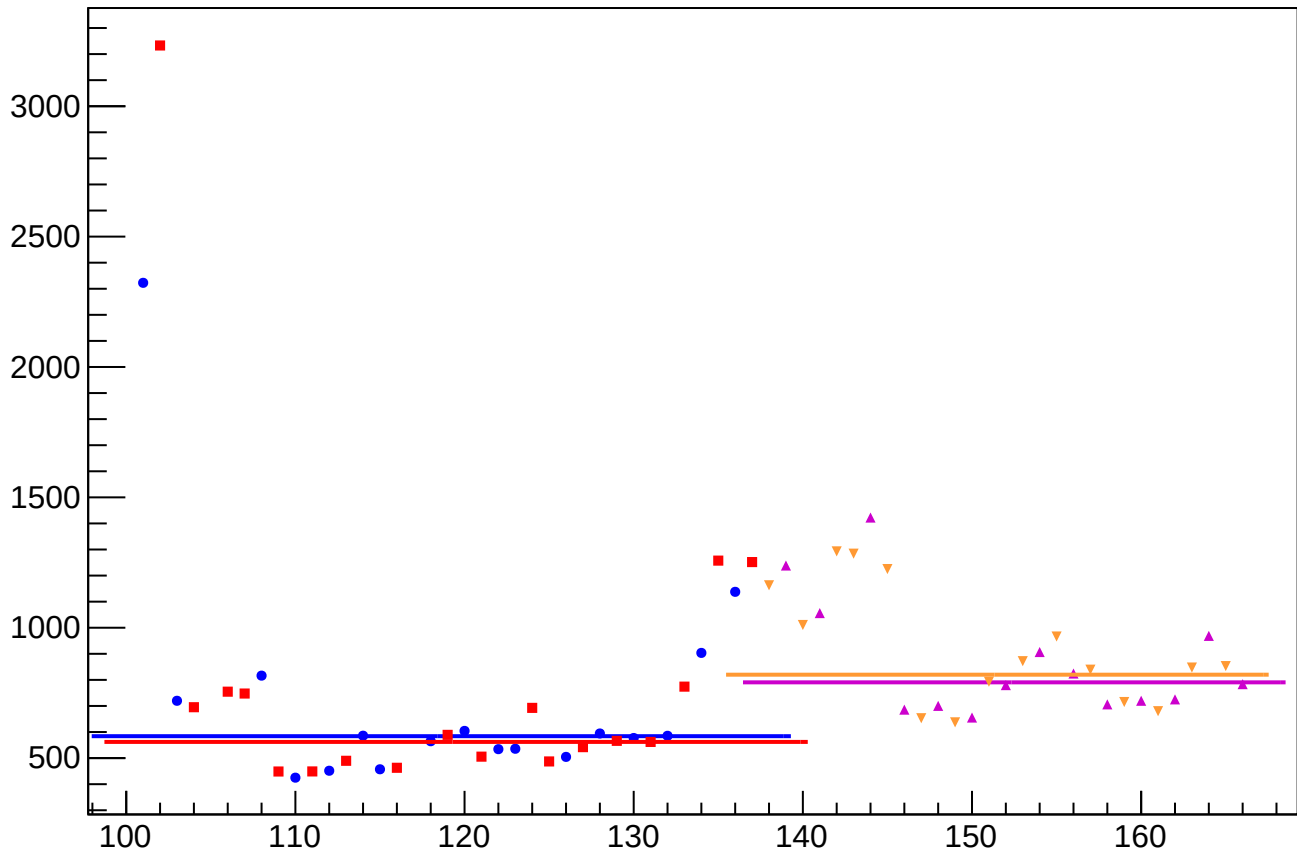
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 66.894 $\pm$ 170.755 χ^2/NDF : 29.3/30

Out: -259.865 $\pm$ 168.007 χ^2/NDF : 73.3/32

All: -99.135 $\pm$ 119.759 χ^2/NDF : 104.5/63

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.916+/-0.178 χ^2/NDF :1033941.7/14

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 790.542+/-0.173 χ^2/NDF :907794.9/13

Left: 804.799+/-0.124 χ^2/NDF : 1955782.5/28

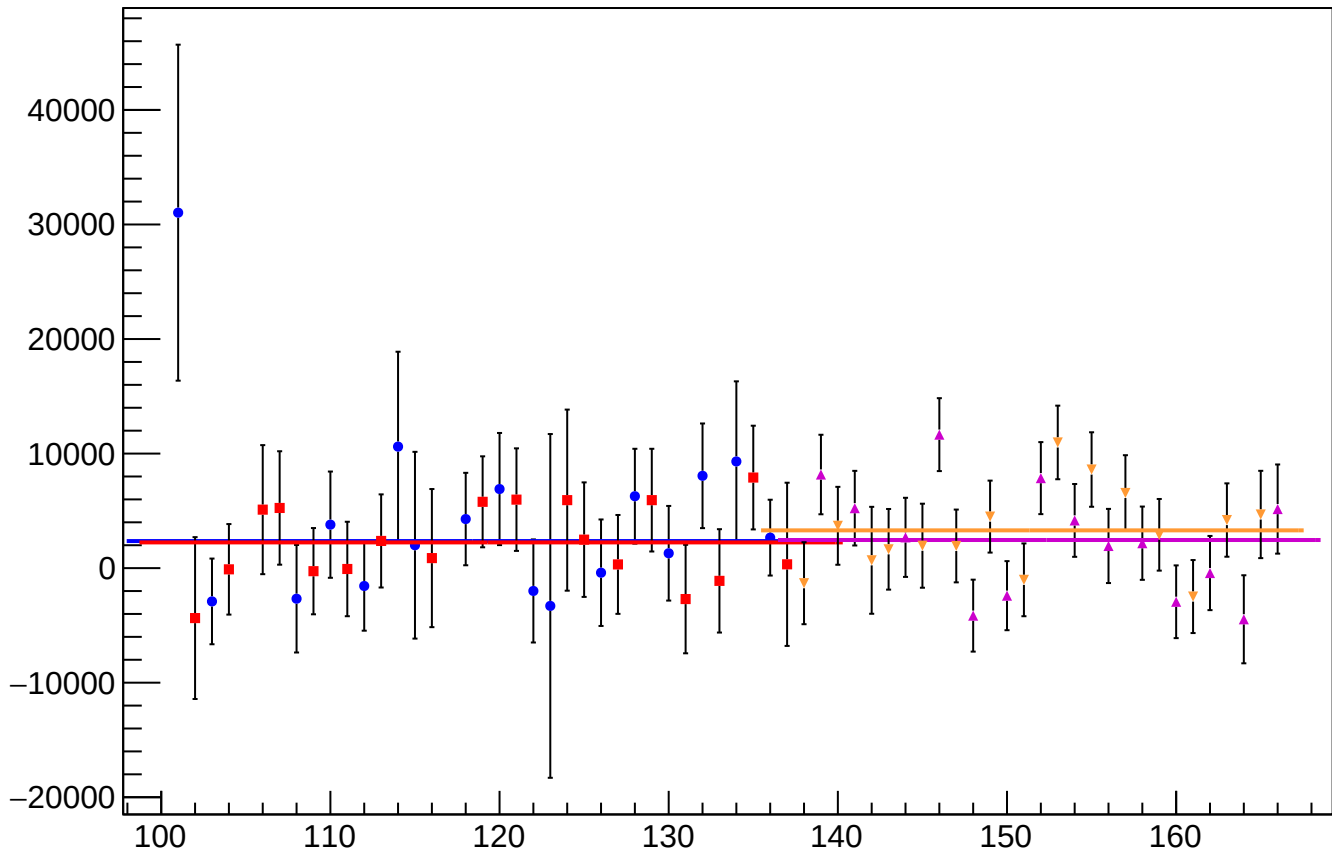
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 685.020+/-0.121 χ^2/NDF :3075205.7/30

Out: 677.211+/-0.119 χ^2/NDF :3722951.0/32

All: 681.052+/-0.085 χ^2/NDF : 6800282.2/63

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3297.638+/-871.895 χ^2/NDF : 17.4/14

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2454.945+/-879.483 χ^2/NDF : 29.5/13

Left: 2879.942+/-619.188 χ^2/NDF : 47.3/28

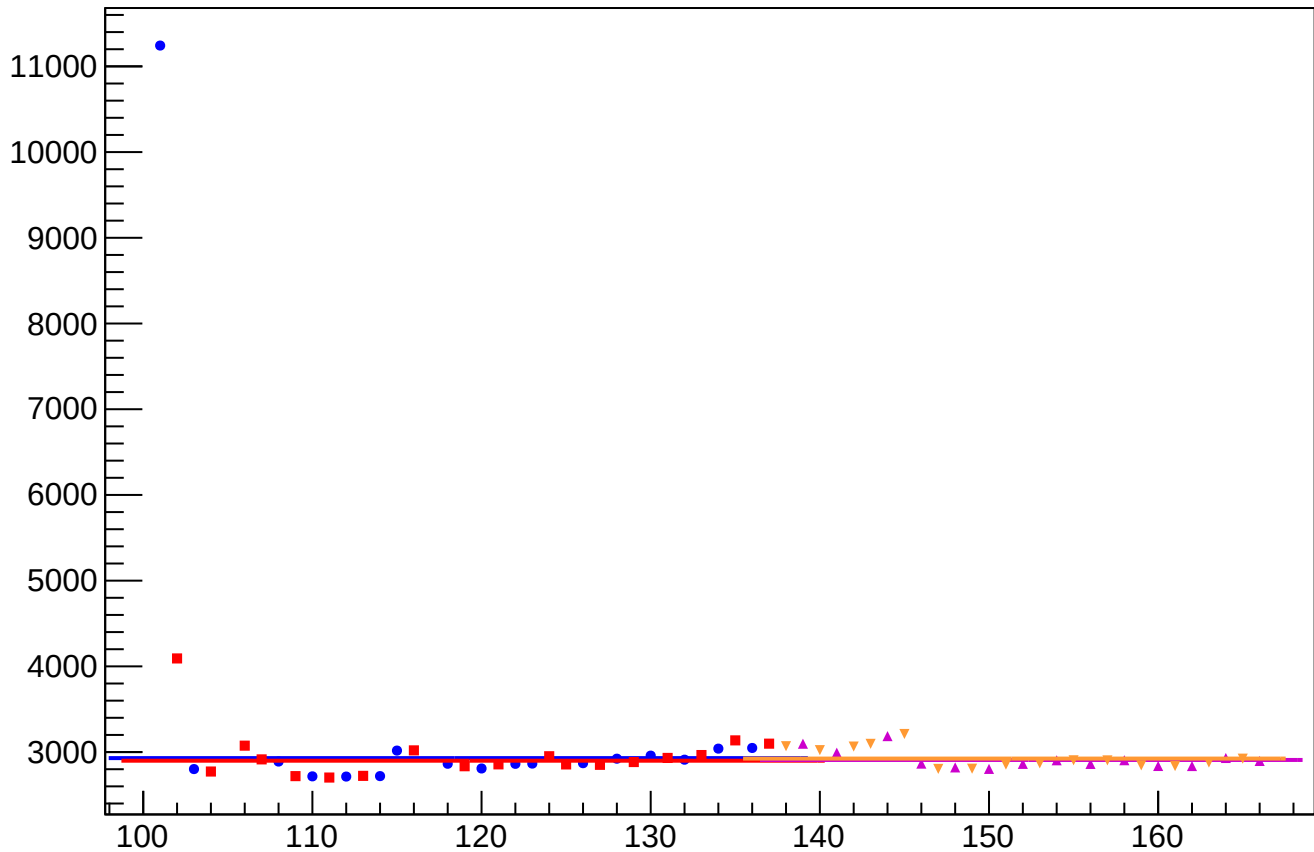
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2421.308+/-700.814 χ^2/NDF : 44.6/30

Out: 2897.005+/-686.117 χ^2/NDF : 26.5/32

All: 2664.197+/-490.271 χ^2/NDF : 71.3/63

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2924.180+/-0.617 χ^2/NDF : 34368.2/14

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2908.130+/-0.622 χ^2/NDF : 27428.0/13

Left: 2916.225+/-0.438 χ^2/NDF : 62132.2/28

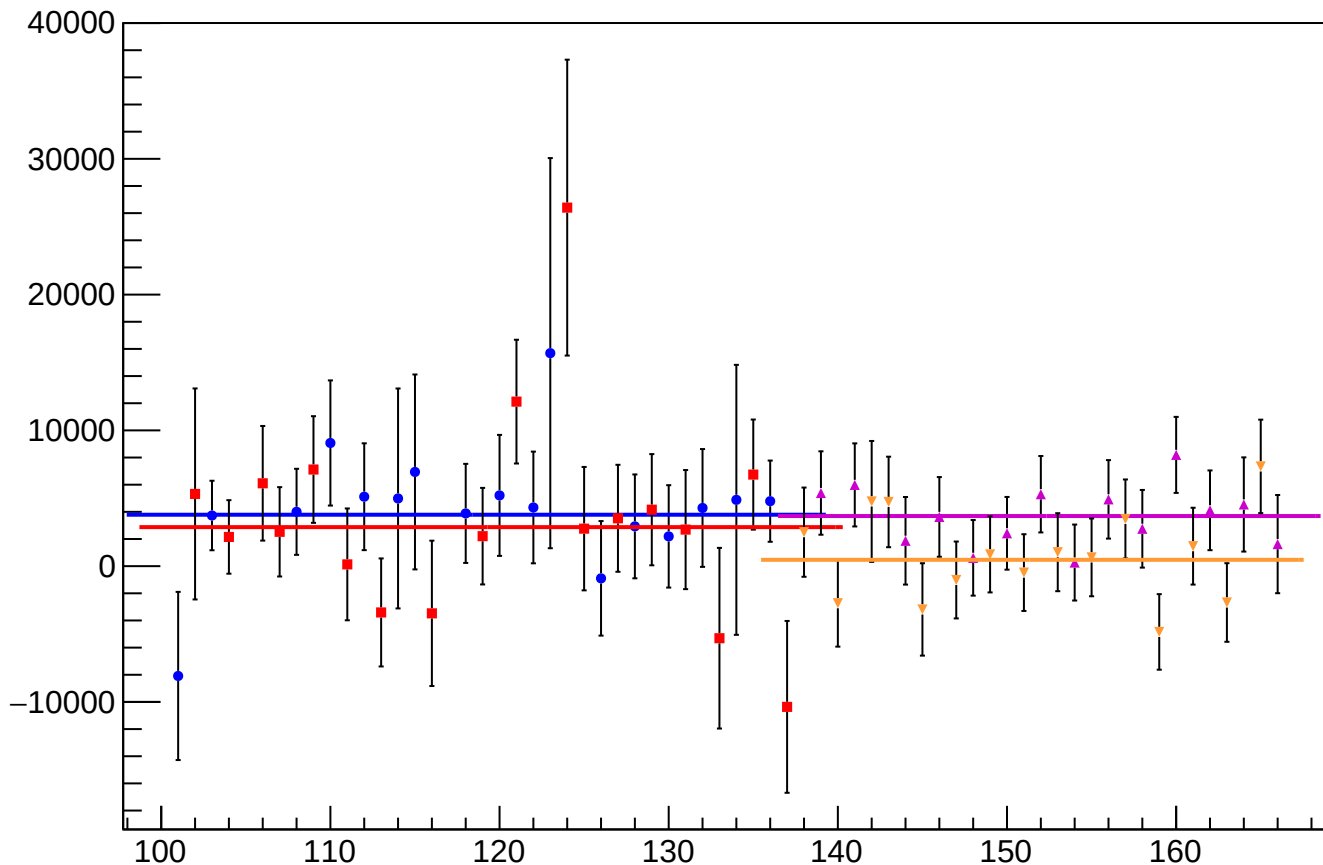
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2915.987+/-0.496 χ^2/NDF : 690494.3/30

Out: 2914.757+/-0.485 χ^2/NDF : 118524.9/32

All: 2915.359+/-0.347 χ^2/NDF : 809022.3/63

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 466.785 $\pm$ 787.262 χ^2/NDF : 15.6/14

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3691.765 $\pm$ 792.411 χ^2/NDF : 7.7/13

Left: 2068.763 $\pm$ 558.490 χ^2/NDF : 31.6/28

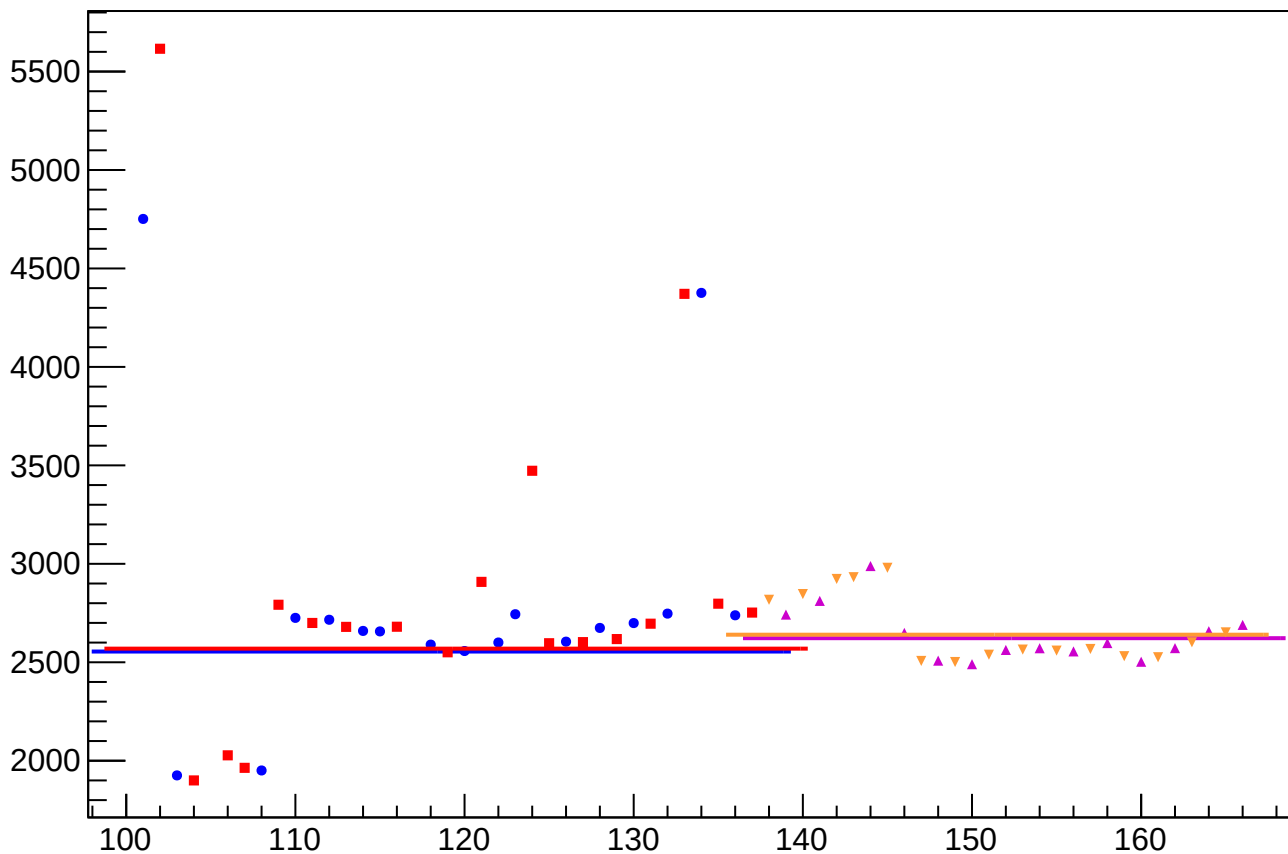
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3728.456 $\pm$ 622.992 χ^2/NDF : 15.5/30

Out: 1383.504 $\pm$ 619.534 χ^2/NDF : 41.2/32

All: 2549.454 $\pm$ 439.294 χ^2/NDF : 63.8/63

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2640.043 $\pm$ 0.557 χ^2/NDF : 80405.0/14

Right Out: 2569.256 $\pm$ 0.710 χ^2/NDF : 723332.1/17

Left In: 2622.367 $\pm$ 0.560 χ^2/NDF : 52835.5/13

Left: 2631.262 $\pm$ 0.395 χ^2/NDF : 133741.3/28

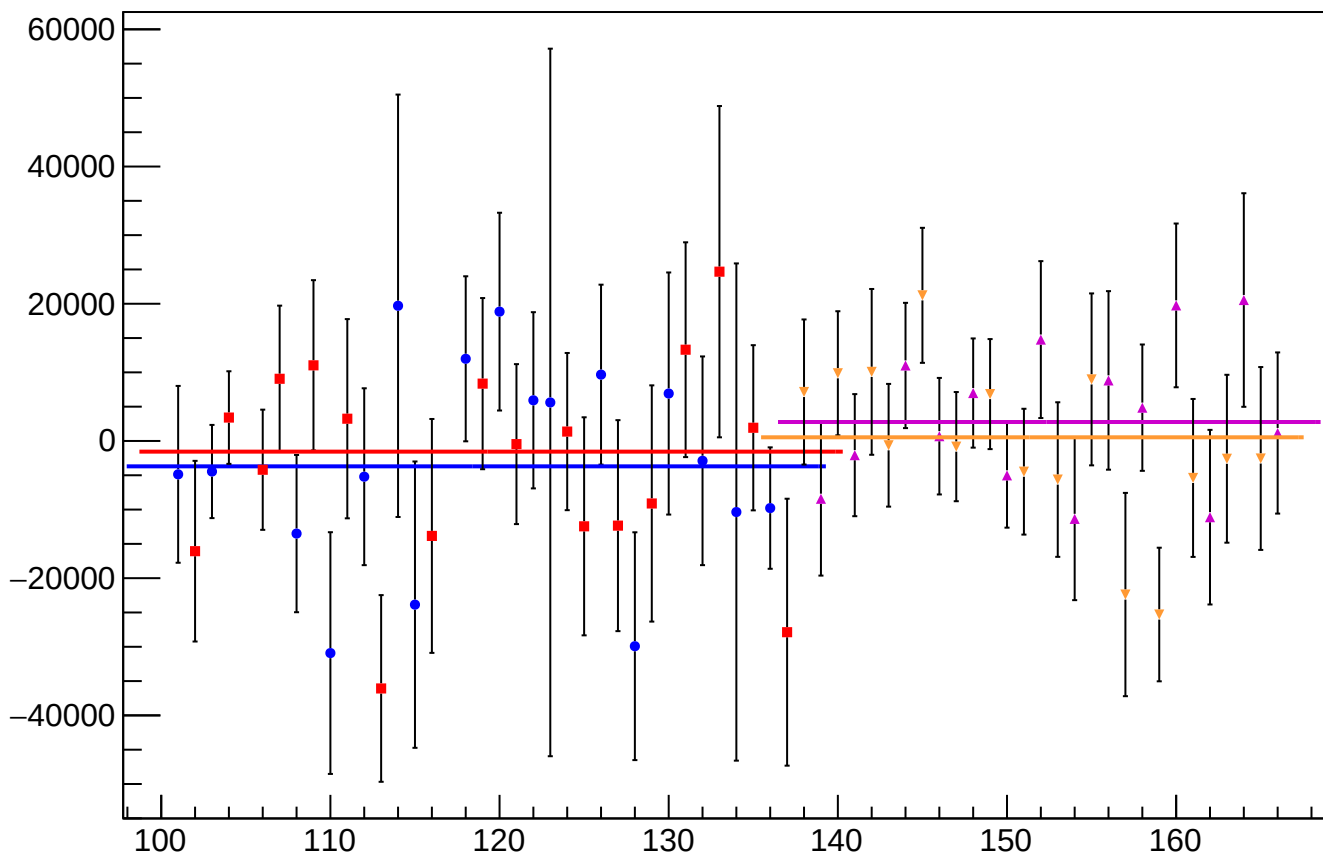
Right: 2561.929 $\pm$ 0.503 χ^2/NDF : 1260172.2/34

In: 2596.463 $\pm$ 0.441 χ^2/NDF : 595057.9/30

Out: 2613.080 $\pm$ 0.438 χ^2/NDF : 809896.0/32

All: 2604.819 $\pm$ 0.311 χ^2/NDF : 1405669.5/63

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 533.720 $\pm$ 2641.753 χ^2/NDF : 18.0/14

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2763.861 $\pm$ 2706.636 χ^2/NDF : 10.8/13

Left: 1621.740 $\pm$ 1890.523 χ^2/NDF : 29.2/28

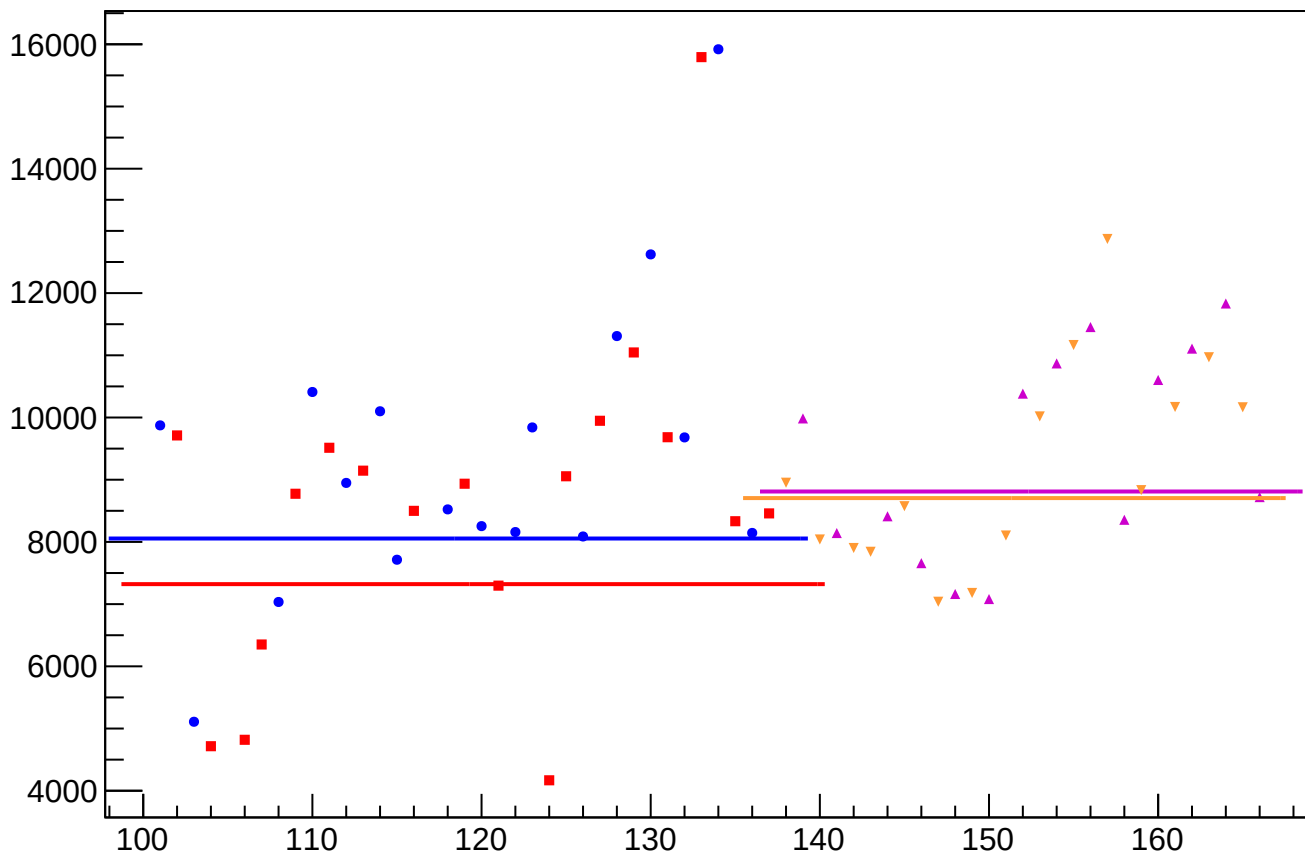
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: 85.756 $\pm$ 2071.327 χ^2/NDF : 27.0/30

Out: -409.644 $\pm$ 1956.514 χ^2/NDF : 35.1/32

All: -176.054 $\pm$ 1422.322 χ^2/NDF : 62.1/63

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8704.699 $\pm$ 1.868 χ^2 /NDF: 595897.5/14

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8810.564 $\pm$ 1.914 χ^2 /NDF: 633935.8/13

Left: 8756.348 $\pm$ 1.337 χ^2 /NDF: 1231400.3/28

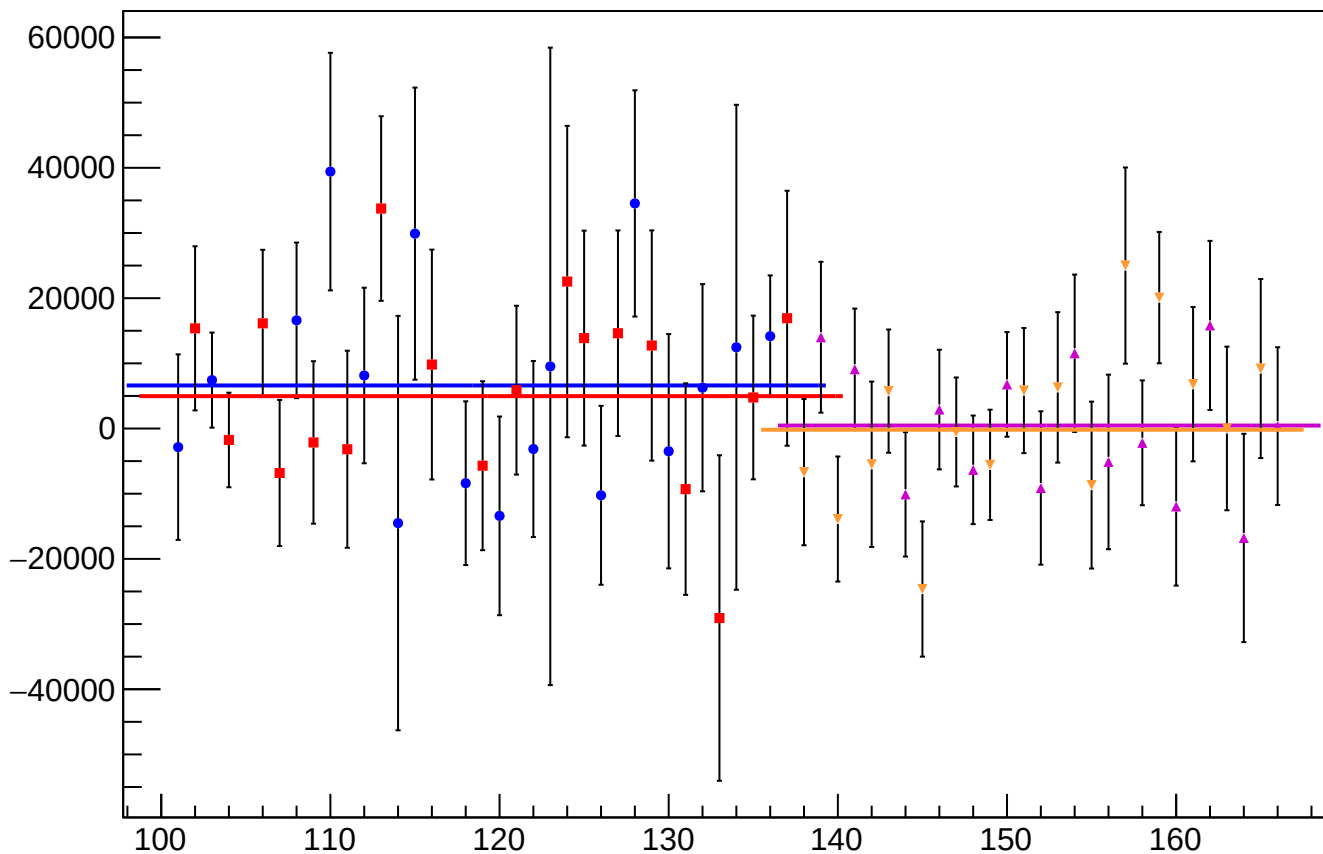
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8497.402 $\pm$ 1.465 χ^2 /NDF: 1519315.6/30

Out: 8080.160 $\pm$ 1.383 χ^2 /NDF: 2179432.2/32

All: 8276.897 $\pm$ 1.006 χ^2 /NDF: 3741635.9/63

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -188.486 $\pm$ 2759.729 χ^2/NDF : 17.7/14

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 456.857 $\pm$ 2819.397 χ^2/NDF : 10.2/13

Left: 127.285 $\pm$ 1972.180 χ^2/NDF : 27.9/28

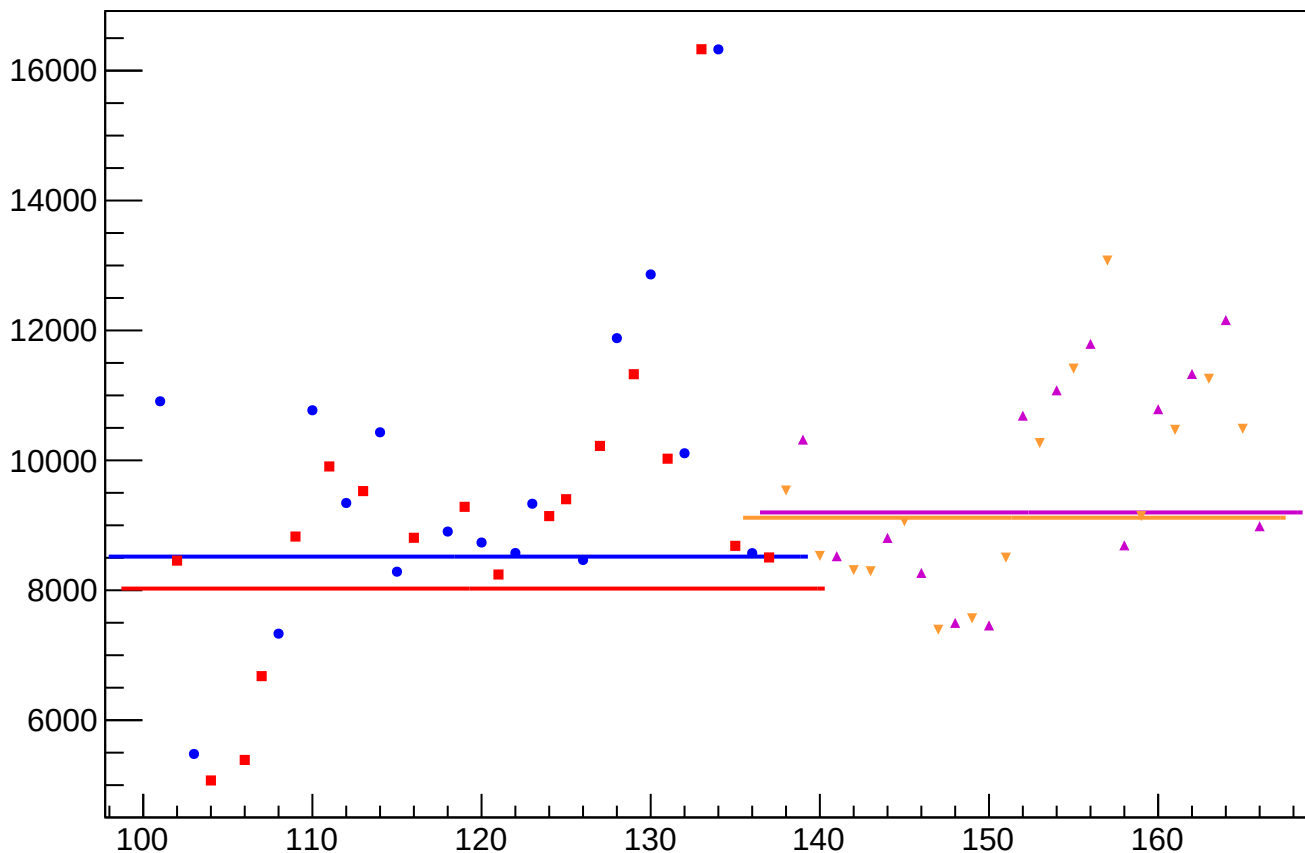
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 2966.500 $\pm$ 2169.213 χ^2/NDF : 26.8/30

Out: 2029.129 $\pm$ 2083.404 χ^2/NDF : 32.8/32

All: 2478.907 $\pm$ 1502.609 χ^2/NDF : 59.7/63

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9116.960+/-1.951 χ^2/NDF : 520637.2/14

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9198.055+/-1.994 χ^2/NDF : 549337.6/13

Left: 9156.640+/-1.395 χ^2/NDF : 1070819.8/28

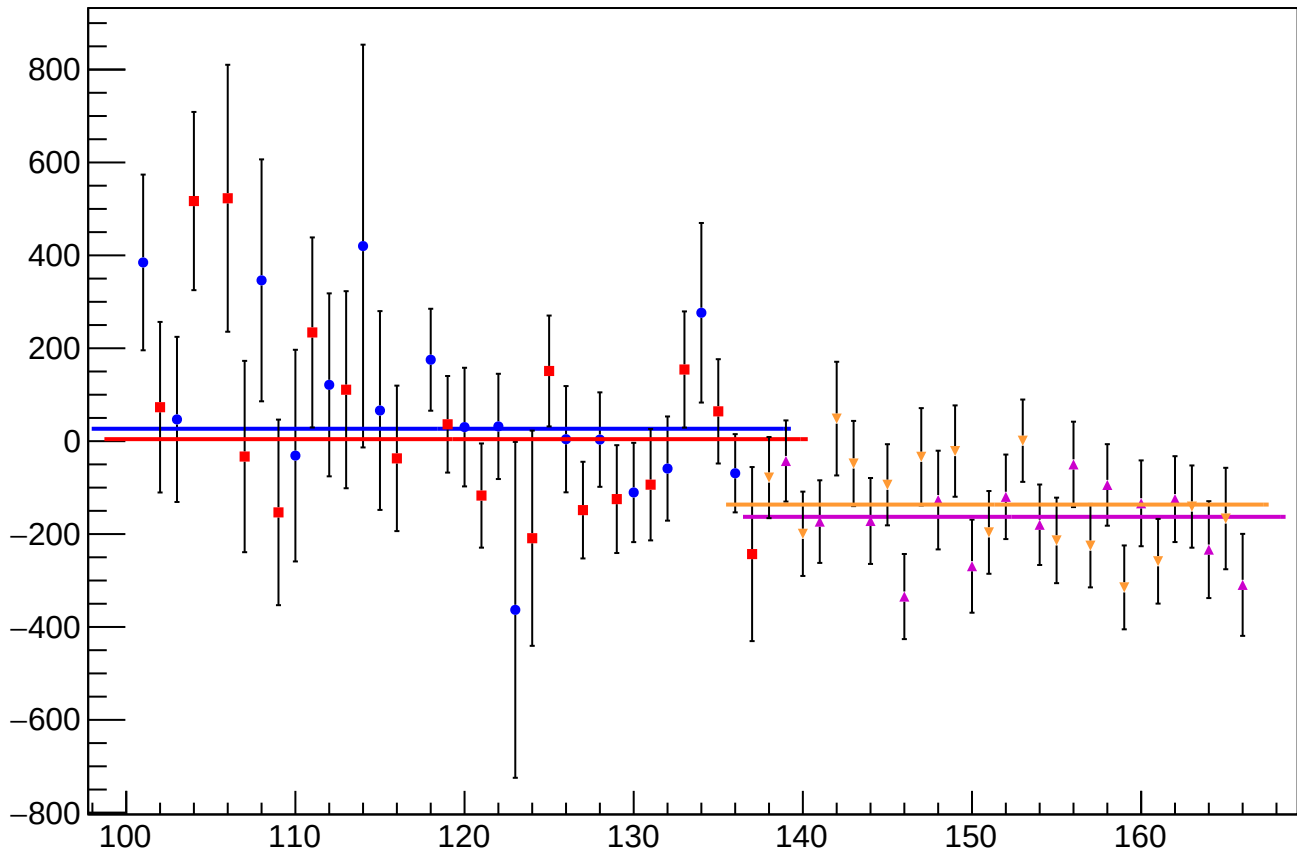
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8920.677+/-1.534 χ^2/NDF : 1368774.4/30

Out: 8647.760+/-1.473 χ^2/NDF : 1597709.3/32

All: 8778.711+/-1.062 χ^2/NDF : 2982951.6/63

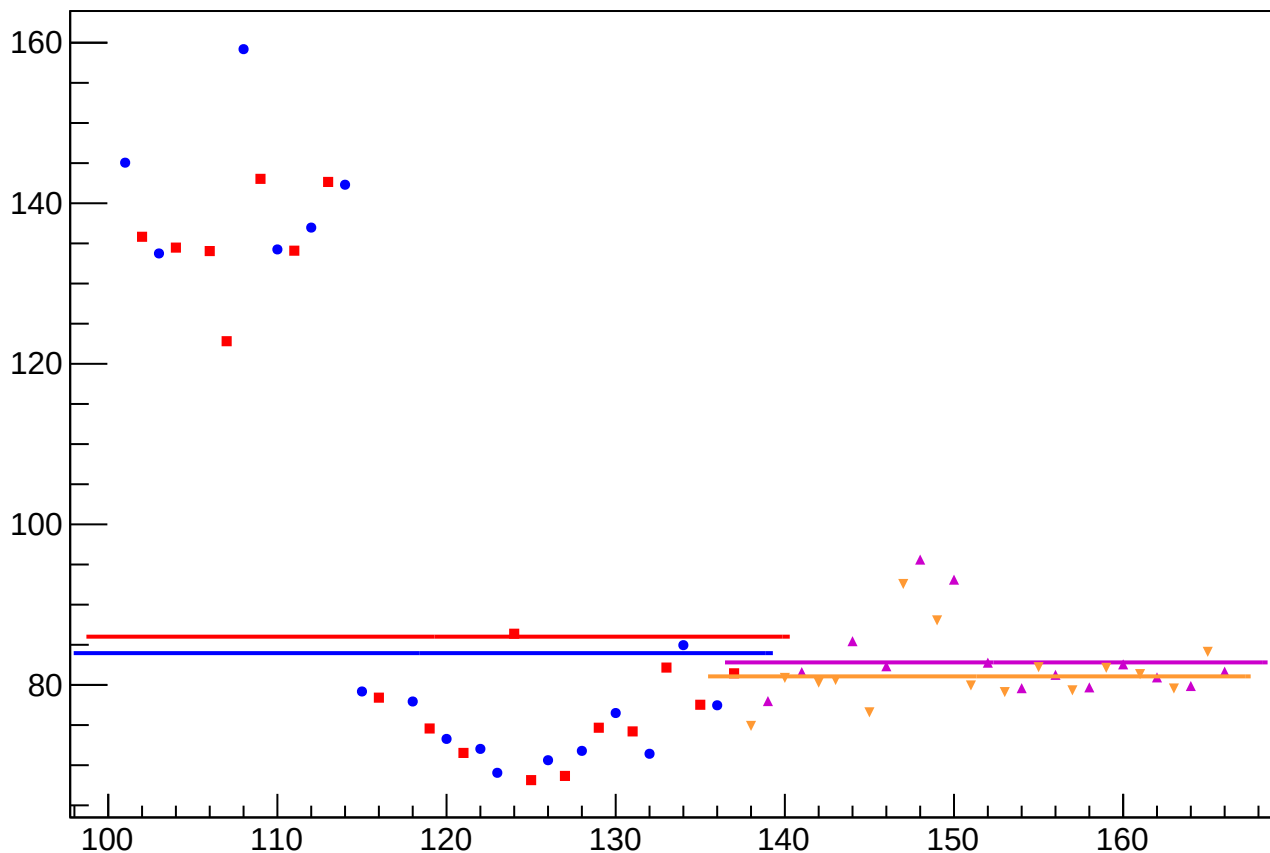
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -136.513 ± 24.159 $\chi^2/\text{NDF}: 17.0/14$
Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$
Left In: -162.877 ± 25.055 $\chi^2/\text{NDF}: 11.6/13$

Left: -149.215 ± 17.391 $\chi^2/\text{NDF}: 29.1/28$
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$
In: -95.194 ± 20.091 $\chi^2/\text{NDF}: 46.5/30$
Out: -88.965 ± 19.663 $\chi^2/\text{NDF}: 52.4/32$
All: -92.012 ± 14.053 $\chi^2/\text{NDF}: 99.0/63$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.065 $\pm$ 0.017 χ^2 /NDF: 54364.7/14

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.806 $\pm$ 0.018 χ^2 /NDF: 66848.5/13

Left: 81.904 $\pm$ 0.012 χ^2 /NDF: 126216.9/28

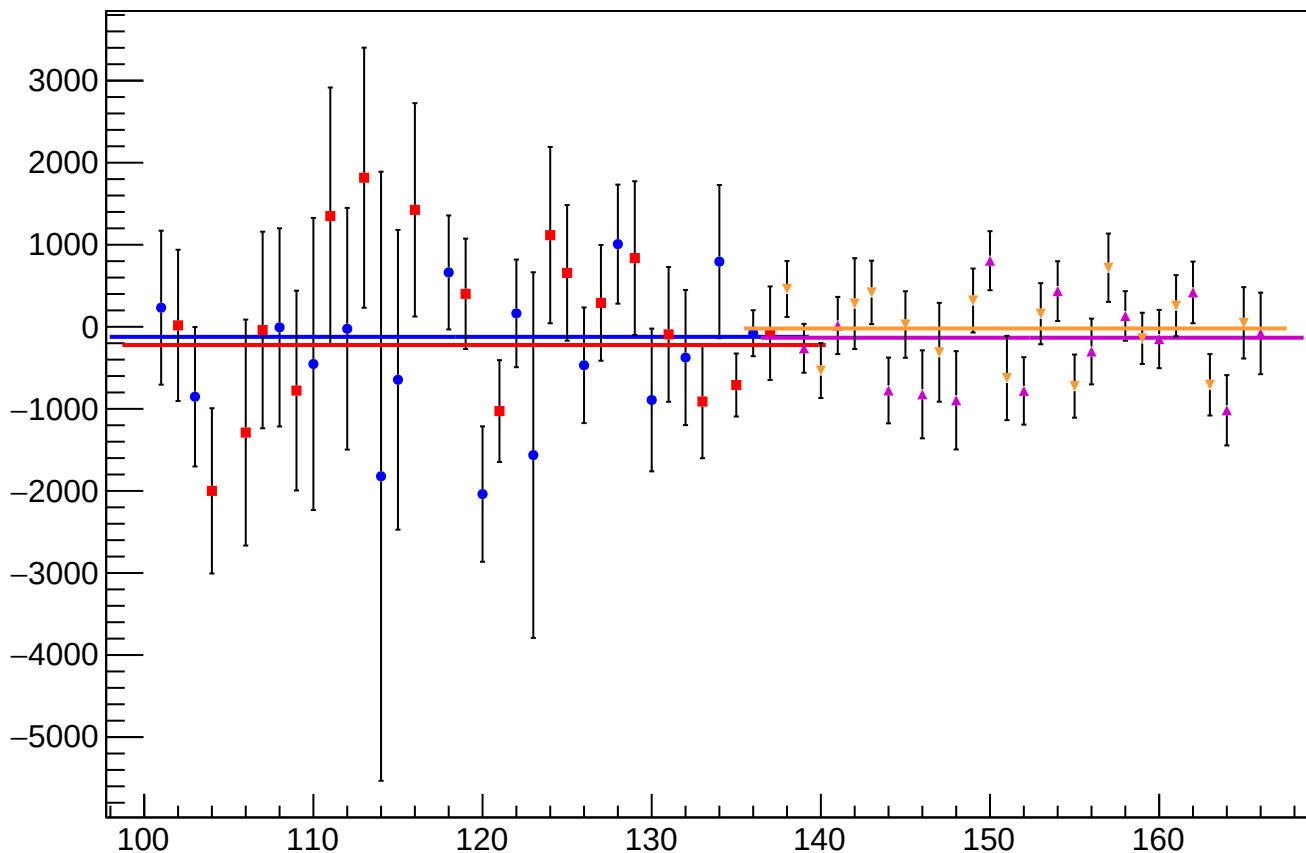
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.218 $\pm$ 0.014 χ^2 /NDF: 1028619.2/30

Out: 82.735 $\pm$ 0.014 χ^2 /NDF: 1109082.0/32

All: 82.971 $\pm$ 0.010 χ^2 /NDF: 2138291.9/63

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -20.229 ± 101.867 $\chi^2/\text{NDF}: 19.2/14$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -133.155 ± 102.654 $\chi^2/\text{NDF}: 25.3/13$

Left: -76.257 ± 72.307 $\chi^2/\text{NDF}: 45.1/28$

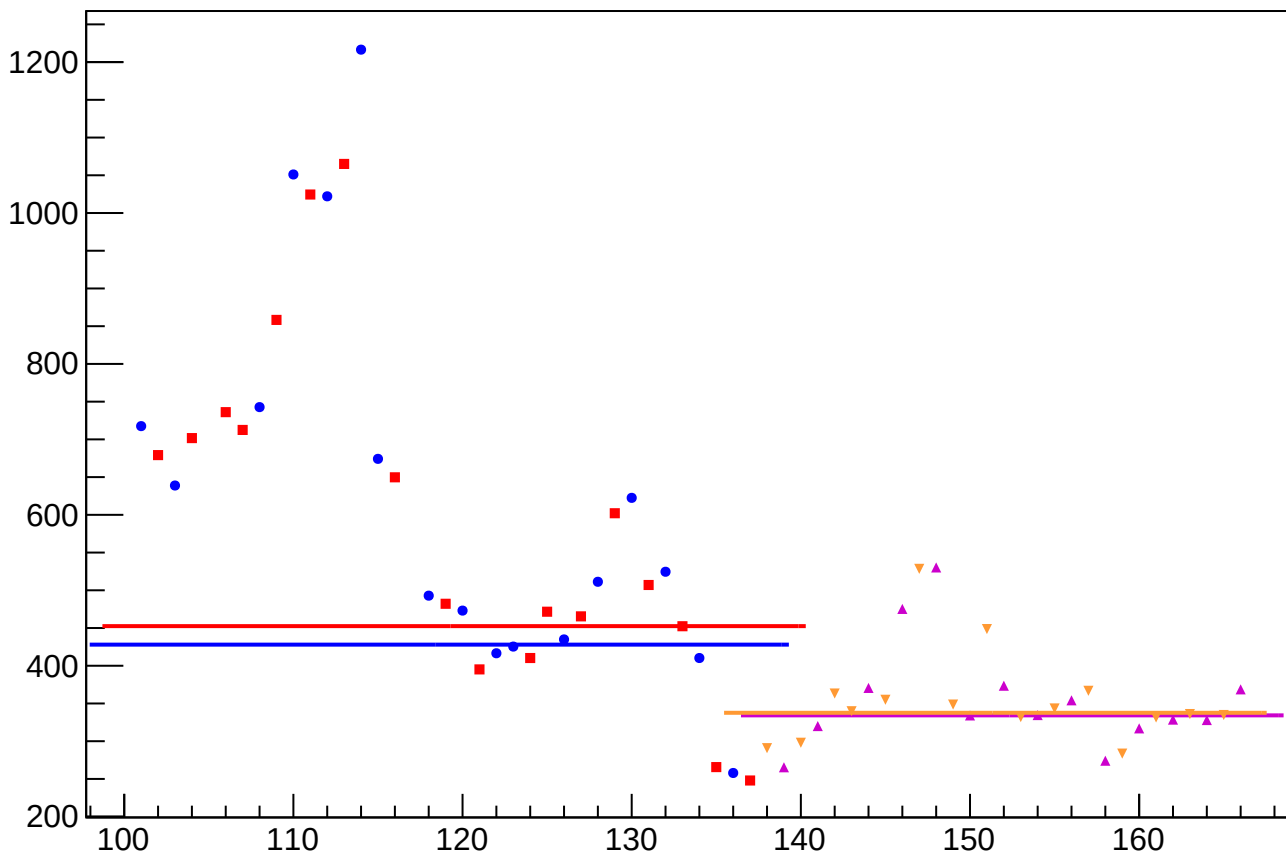
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -130.509 ± 89.122 $\chi^2/\text{NDF}: 38.4/30$

Out: -67.024 ± 89.245 $\chi^2/\text{NDF}: 38.1/32$

All: -98.810 ± 63.062 $\chi^2/\text{NDF}: 76.7/63$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.658 $\pm$ 0.072 χ^2/NDF : 440740.6/14

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 334.249 $\pm$ 0.073 χ^2/NDF : 597027.5/13

Left: 335.967 $\pm$ 0.051 χ^2/NDF : 1038878.8/28

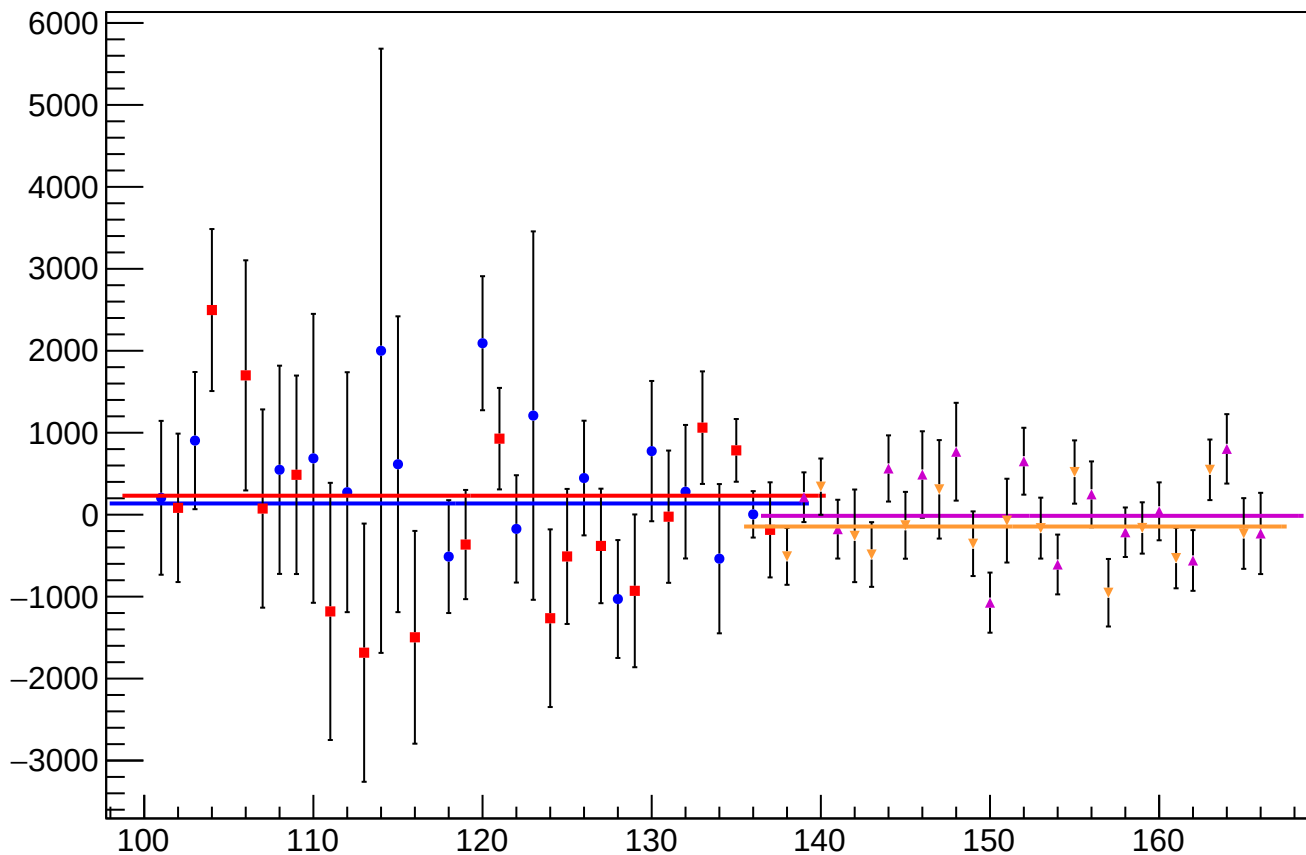
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 357.334 $\pm$ 0.063 χ^2/NDF : 3069958.0/30

Out: 364.356 $\pm$ 0.063 χ^2/NDF : 3104770.4/32

All: 360.840 $\pm$ 0.045 χ^2/NDF : 6180928.3/63

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -144.507 $\pm$ 102.360 χ^2 /NDF:16.2/14

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -14.060 $\pm$ 103.025 χ^2 /NDF:26.1/13

Left: -79.706 $\pm$ 72.614 χ^2 /NDF: 43.1/28

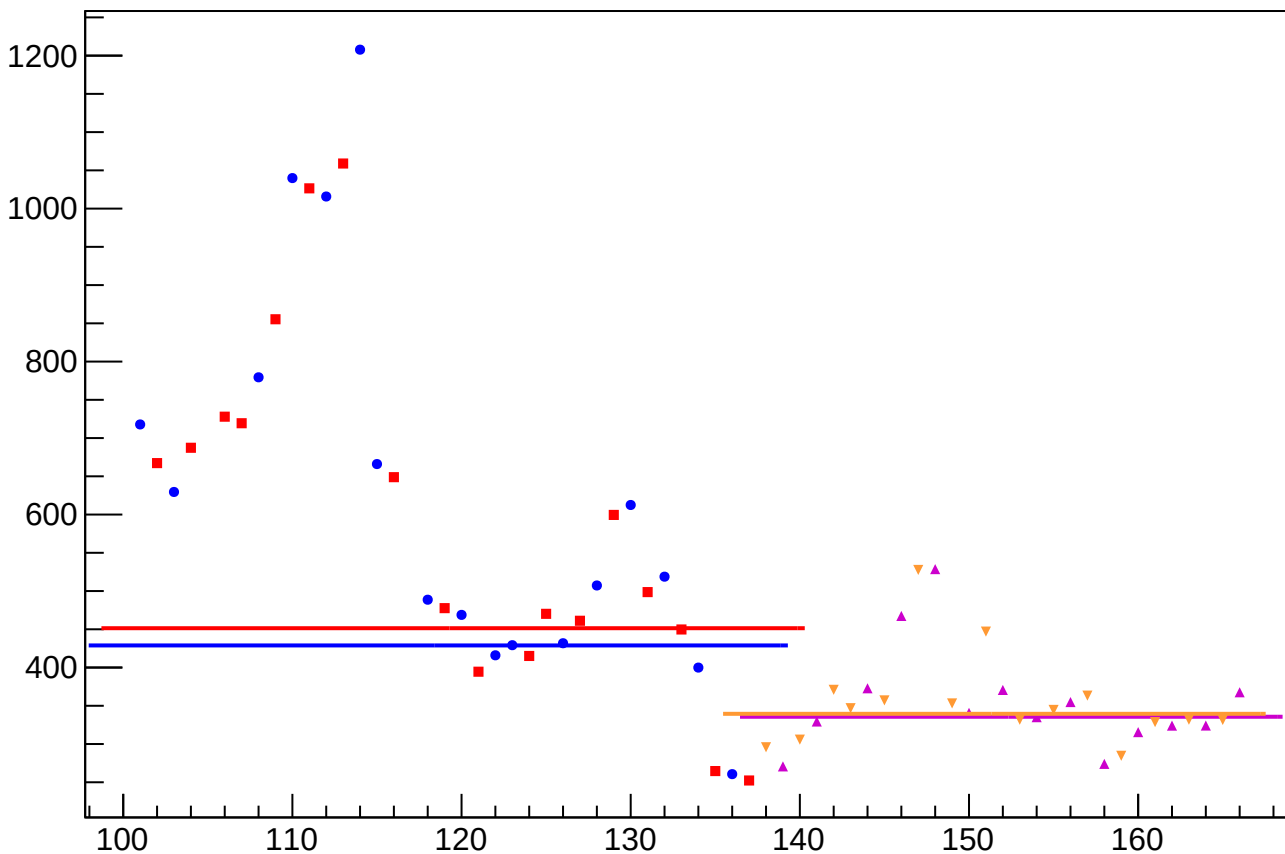
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 23.291 $\pm$ 89.367 χ^2 /NDF:39.2/30

Out: -56.049 $\pm$ 89.517 χ^2 /NDF:41.2/32

All: -16.313 $\pm$ 63.245 χ^2 /NDF: 80.8/63

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 ± 0.127 χ^2/NDF : 2010592.5/16

Left Out: 339.489 ± 0.072 χ^2/NDF : 420970.1/14

Right Out: 451.411 ± 0.131 χ^2/NDF : 2030742.8/17

Left In: 335.654 ± 0.073 χ^2/NDF : 564201.9/13

Left: 337.584 ± 0.051 χ^2/NDF : 986566.8/28

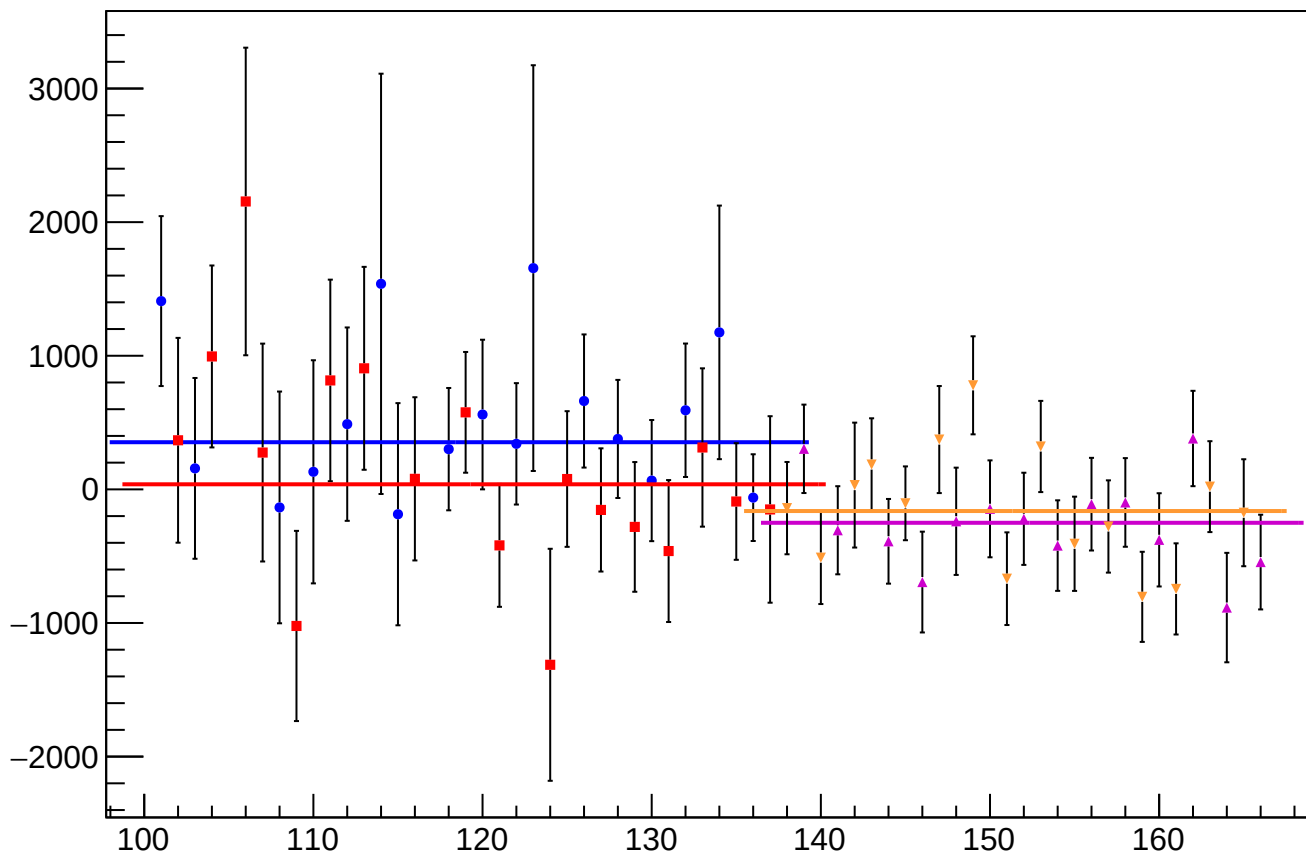
Right: 439.843 ± 0.091 χ^2/NDF : 4056629.4/34

In: 358.736 ± 0.063 χ^2/NDF : 2980304.3/30

Out: 365.814 ± 0.063 χ^2/NDF : 3014108.2/32

All: 362.269 ± 0.045 χ^2/NDF : 6000674.0/63

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -162.163 ± 90.549 χ^2/NDF : 22.2/14

Right Out: 37.982 ± 139.023 χ^2/NDF : 16.9/17

Left In: -250.127 ± 93.813 χ^2/NDF : 11.5/13

Left: -204.588 ± 65.151 χ^2/NDF : 34.1/28

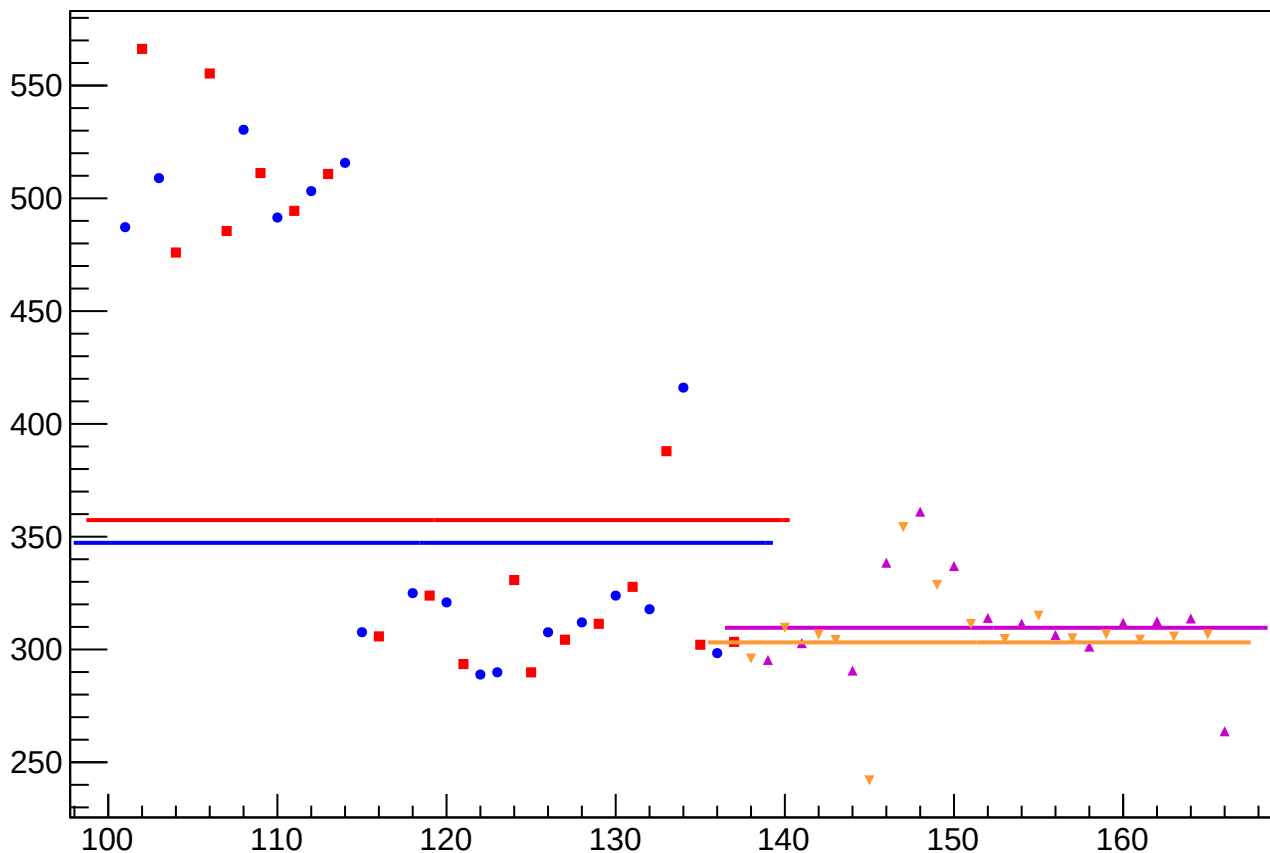
Right: 197.421 ± 97.689 χ^2/NDF : 28.1/34

In: -58.189 ± 77.458 χ^2/NDF : 33.2/30

Out: -102.548 ± 75.874 χ^2/NDF : 40.5/32

All: -80.827 ± 54.202 χ^2/NDF : 73.9/63

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 303.147 $\pm$ 0.064 χ^2 /NDF:145855.5/14

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 309.624 $\pm$ 0.066 χ^2 /NDF:103448.6/13

Left: 306.271 $\pm$ 0.046 χ^2 /NDF: 254239.7/28

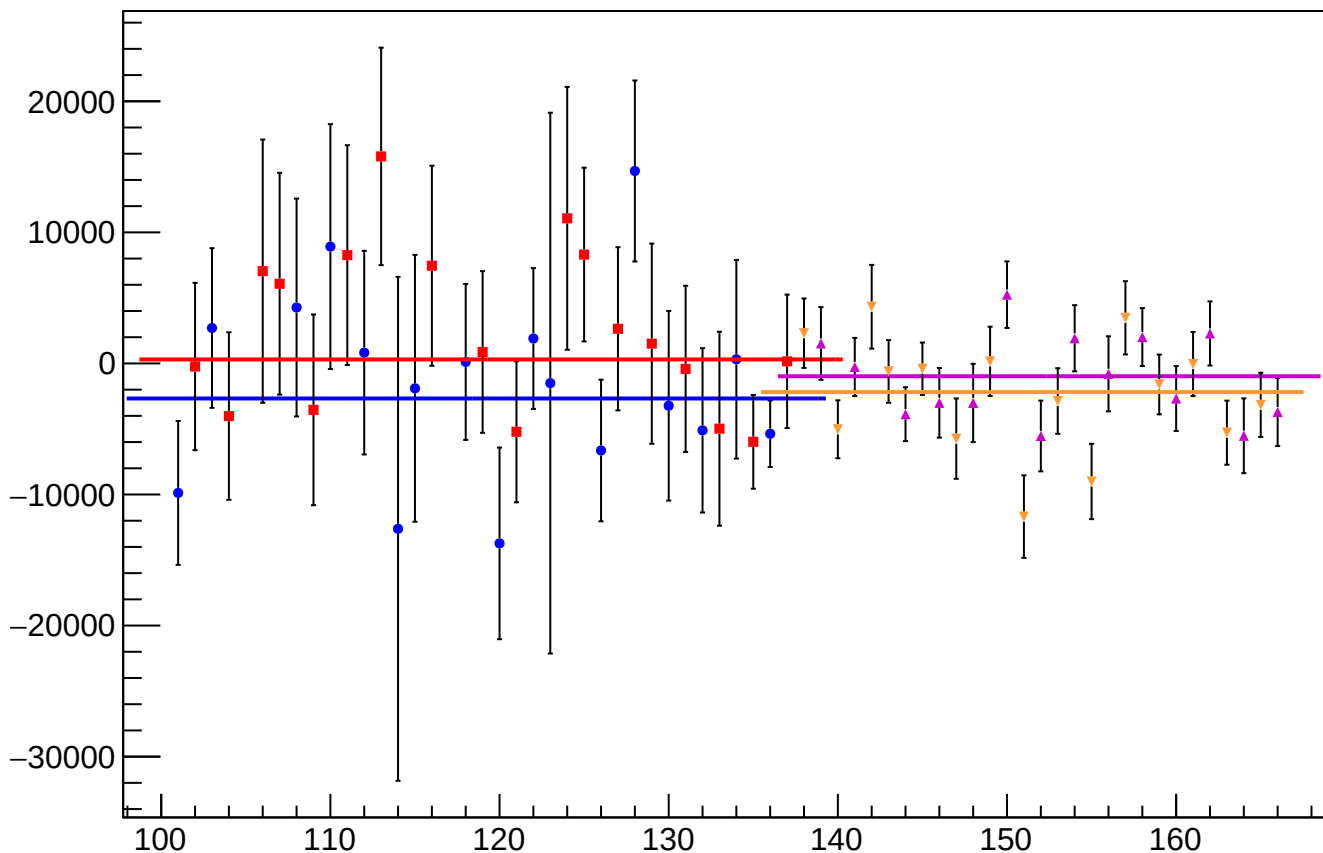
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 321.609 $\pm$ 0.055 χ^2 /NDF:824914.2/30

Out: 319.296 $\pm$ 0.054 χ^2 /NDF:1119375.9/32

All: 320.429 $\pm$ 0.038 χ^2 /NDF: 1945200.0/63

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2185.810+/-655.870 χ^2/NDF : 33.6/14

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -977.326+/-673.950 χ^2/NDF : 21.9/13

Left: -1597.996+/-470.032 χ^2/NDF : 57.1/28

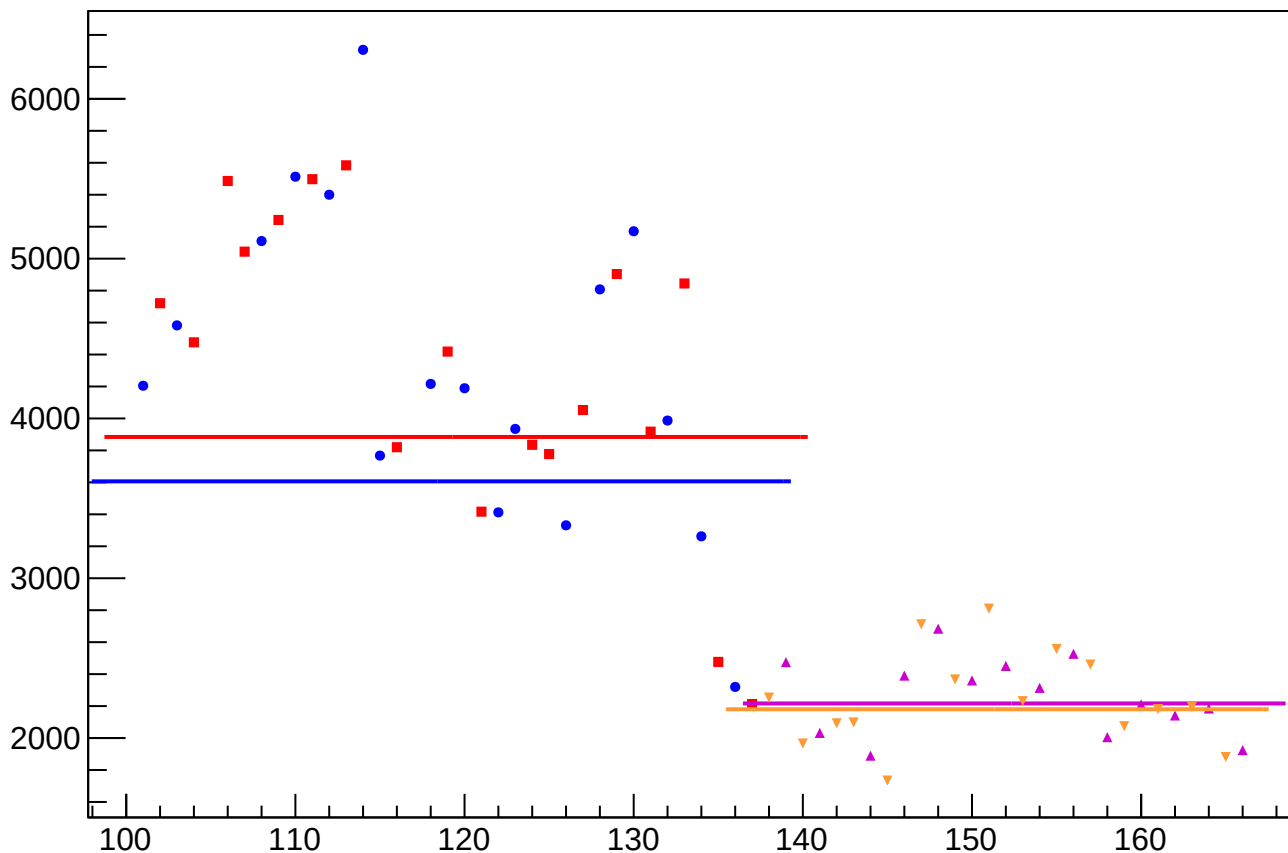
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1276.646+/-611.621 χ^2/NDF : 39.7/30

Out: -1793.935+/-602.065 χ^2/NDF : 50.2/32

All: -1539.363+/-429.063 χ^2/NDF : 90.3/63

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2 /NDF: 1092516.6/16

Left Out: 2180.083 $\pm$ 0.464 χ^2 /NDF: 363874.1/14

Right Out: 3884.203 $\pm$ 1.073 χ^2 /NDF: 994574.5/17

Left In: 2216.437 $\pm$ 0.477 χ^2 /NDF: 233346.3/13

Left: 2197.766 $\pm$ 0.332 χ^2 /NDF: 600209.3/28

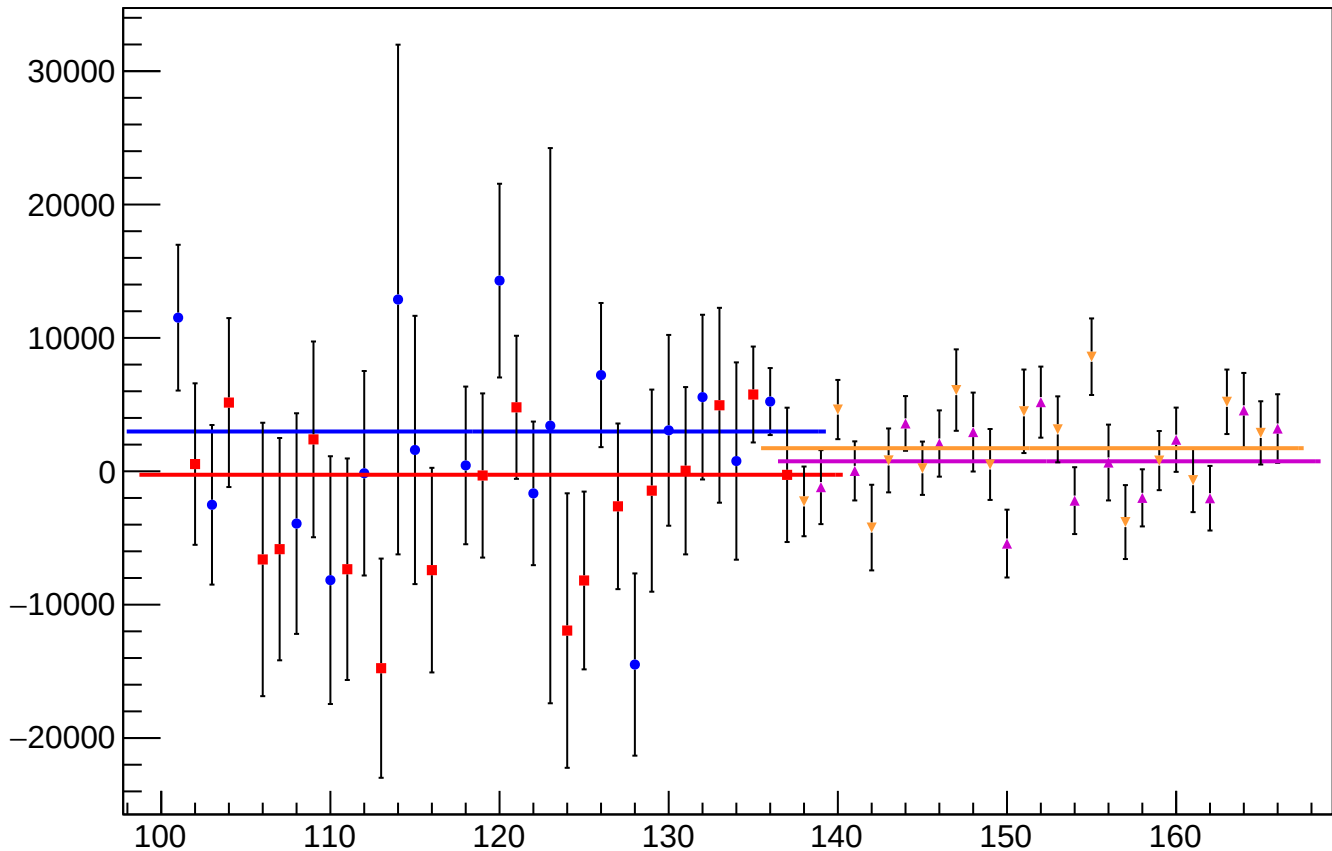
Right: 3739.524 $\pm$ 0.743 χ^2 /NDF: 2121988.0/34

In: 2461.637 $\pm$ 0.432 χ^2 /NDF: 2826534.6/30

Out: 2448.209 $\pm$ 0.426 χ^2 /NDF: 3482839.0/32

All: 2454.818 $\pm$ 0.303 χ^2 /NDF: 6309863.2/63

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1732.797+/-650.543 χ^2/NDF : 24.7/14

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 748.852+/-664.413 χ^2/NDF : 19.5/13

Left: 1251.201+/-464.830 χ^2/NDF : 45.4/28

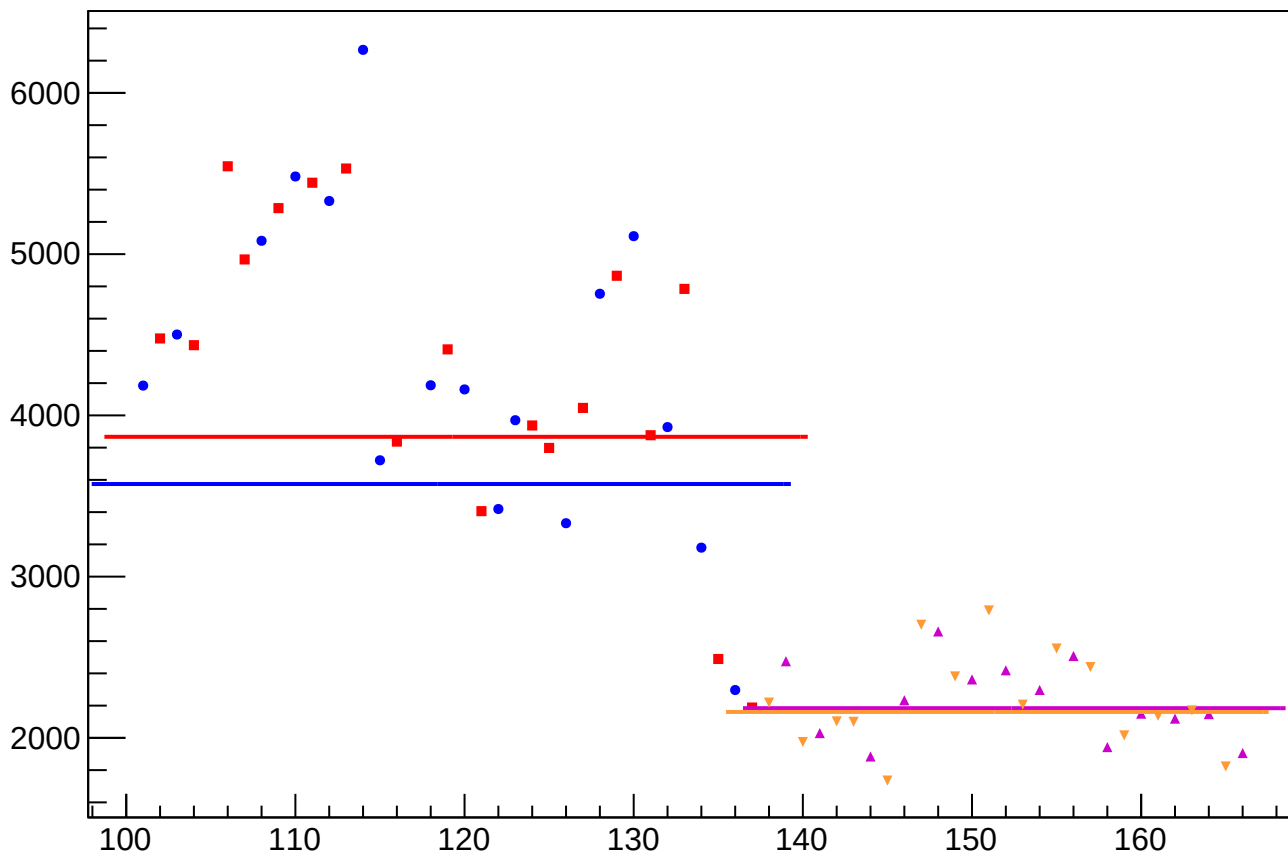
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1139.474+/-603.559 χ^2/NDF : 39.0/30

Out: 1420.985+/-597.477 χ^2/NDF : 39.7/32

All: 1281.655+/-424.614 χ^2/NDF : 78.8/63

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2160.883 $\pm$ 0.460 χ^2/NDF : 372975.1/14

Right Out: 3867.232 $\pm$ 1.068 χ^2/NDF : 968137.9/17

Left In: 2184.107 $\pm$ 0.470 χ^2/NDF : 233316.4/13

Left: 2172.250 $\pm$ 0.329 χ^2/NDF : 607539.1/28

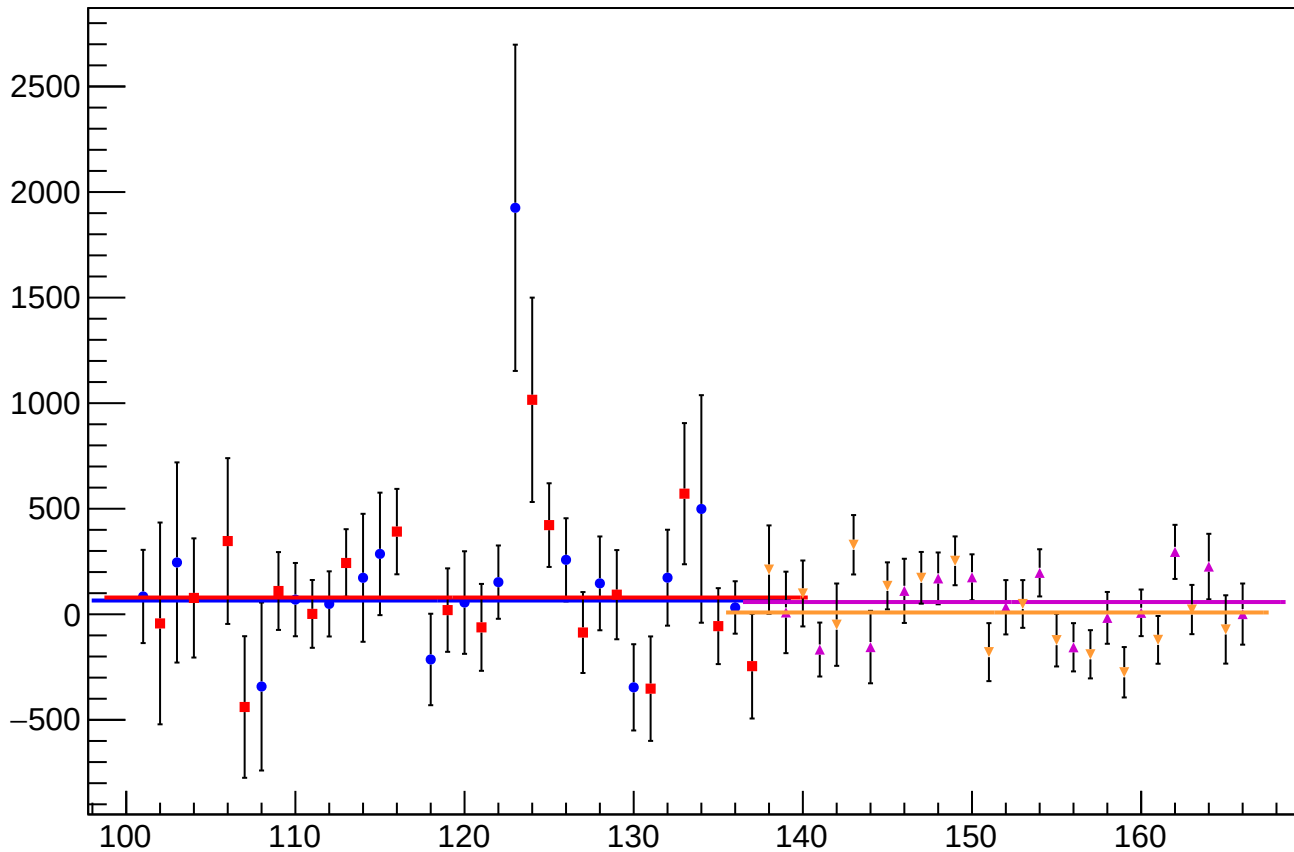
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2427.116 $\pm$ 0.427 χ^2/NDF : 2855294.7/30

Out: 2427.911 $\pm$ 0.422 χ^2/NDF : 3494408.1/32

All: 2427.518 $\pm$ 0.300 χ^2/NDF : 6349704.6/63

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 +/- 52.700 χ^2/NDF : 15.7/16

Left Out: 8.569 +/- 33.430 χ^2/NDF : 27.4/14

Right Out: 79.473 +/- 52.344 χ^2/NDF : 22.2/17

Left In: 58.052 +/- 34.670 χ^2/NDF : 17.3/13

Left: 32.410 +/- 24.065 χ^2/NDF : 45.7/28

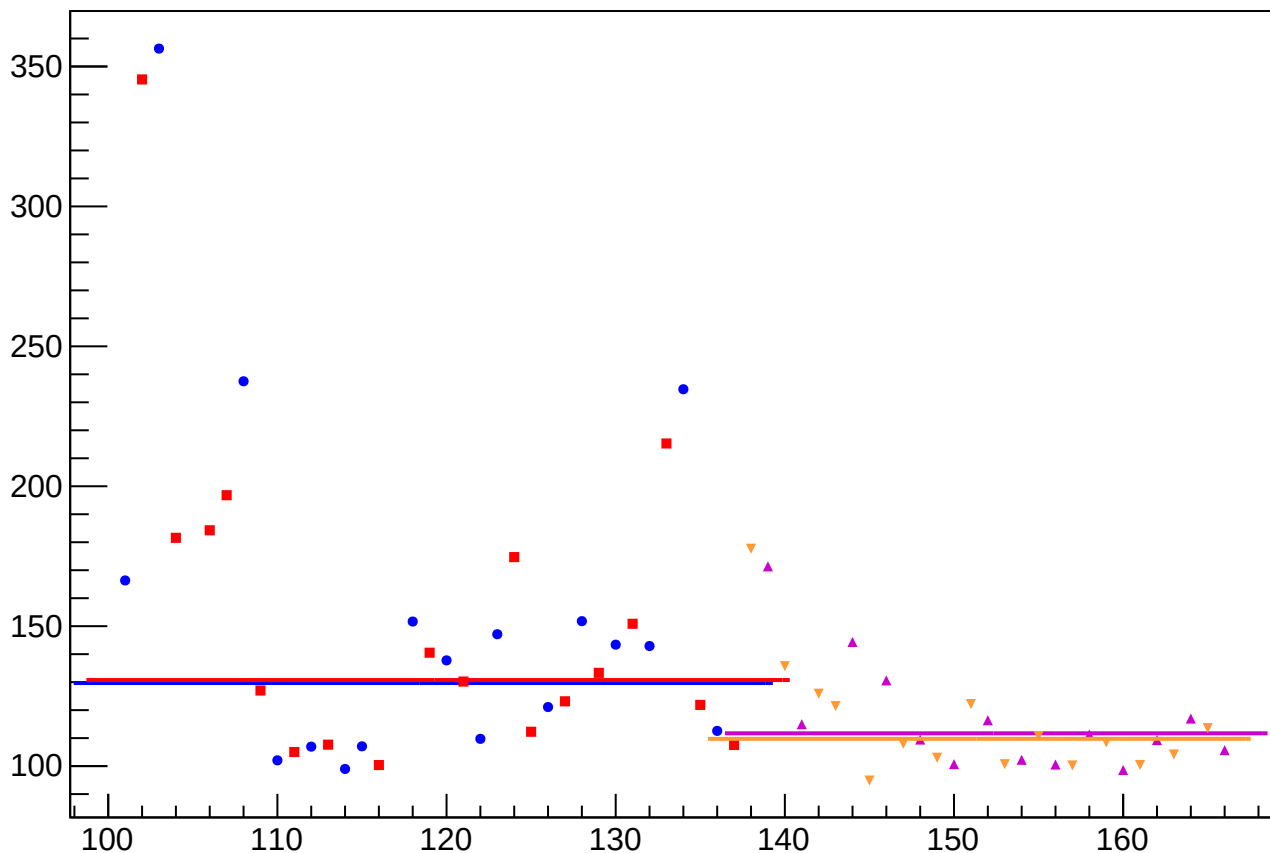
Right: 72.397 +/- 37.138 χ^2/NDF : 37.9/34

In: 60.219 +/- 28.964 χ^2/NDF : 33.0/30

Out: 29.111 +/- 28.174 χ^2/NDF : 50.9/32

All: 44.235 +/- 20.196 χ^2/NDF : 84.5/63

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 109.749 $\pm$ 0.024 χ^2 /NDF:399394.8/14

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 111.719 $\pm$ 0.025 χ^2 /NDF:387744.9/13

Left: 110.698 $\pm$ 0.017 χ^2 /NDF: 790486.1/28

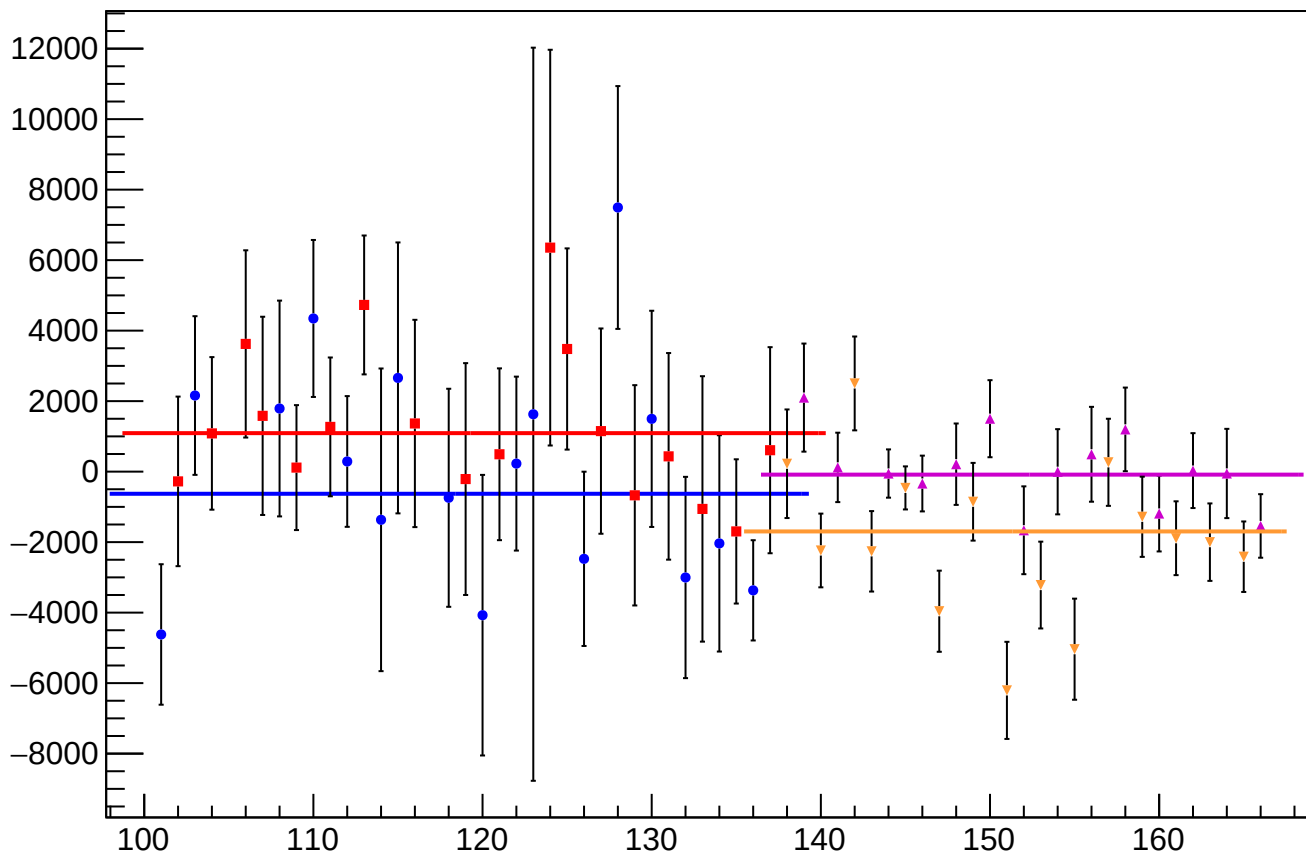
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 117.149 $\pm$ 0.020 χ^2 /NDF:1539862.0/30

Out: 115.834 $\pm$ 0.020 χ^2 /NDF:1555627.4/32

All: 116.473 $\pm$ 0.014 χ^2 /NDF: 3097609.7/63

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1696.625 ± 279.870 $\chi^2/\text{NDF}: 41.5/14$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: -85.187 ± 277.678 $\chi^2/\text{NDF}: 11.0/13$

Left: -884.571 ± 197.119 $\chi^2/\text{NDF}: 69.2/28$

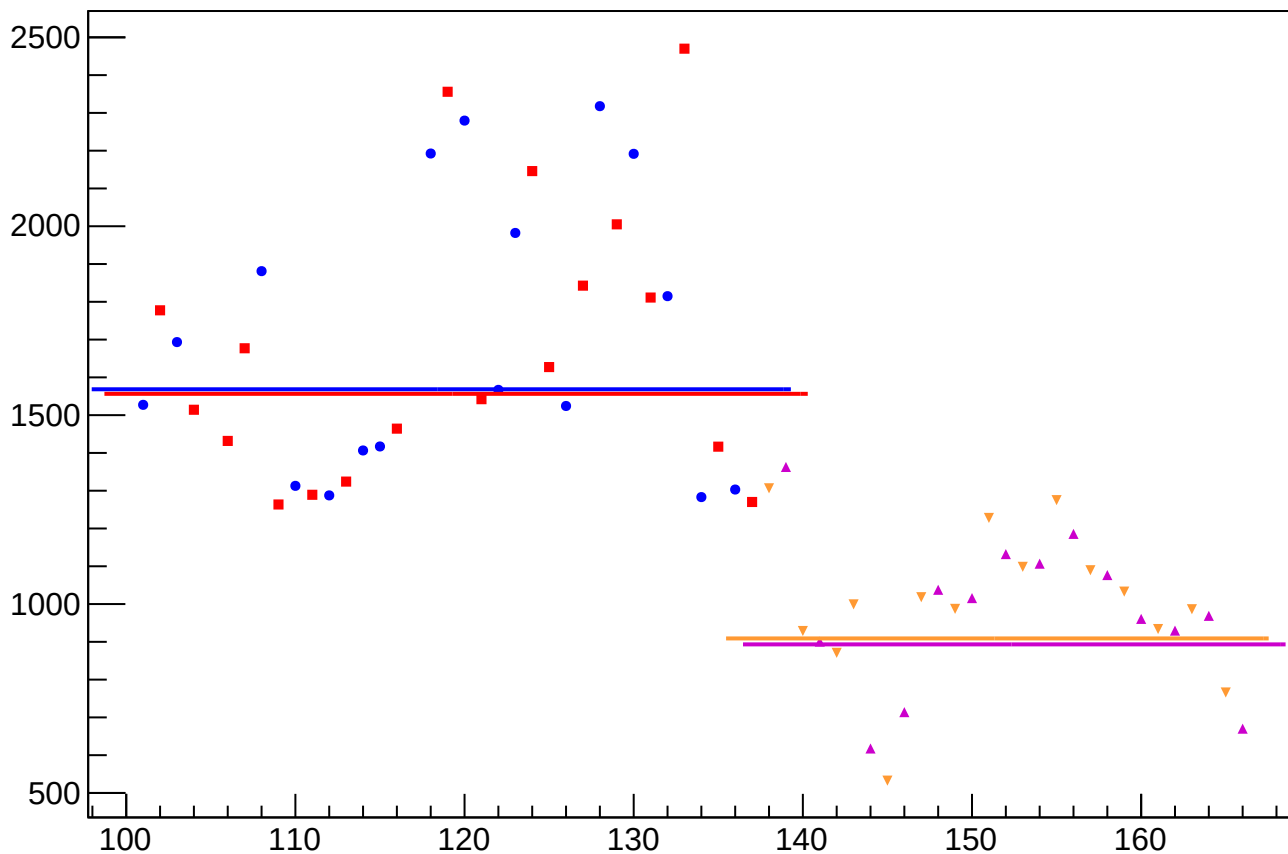
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -175.544 ± 253.524 $\chi^2/\text{NDF}: 35.9/30$

Out: -1197.613 ± 253.596 $\chi^2/\text{NDF}: 68.6/32$

All: -686.434 ± 179.294 $\chi^2/\text{NDF}: 112.7/63$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 909.001+/-0.198 χ^2/NDF :1338559.4/14

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 893.247+/-0.196 χ^2/NDF :1088933.9/13

Left: 901.062+/-0.139 χ^2/NDF : 2430686.7/28

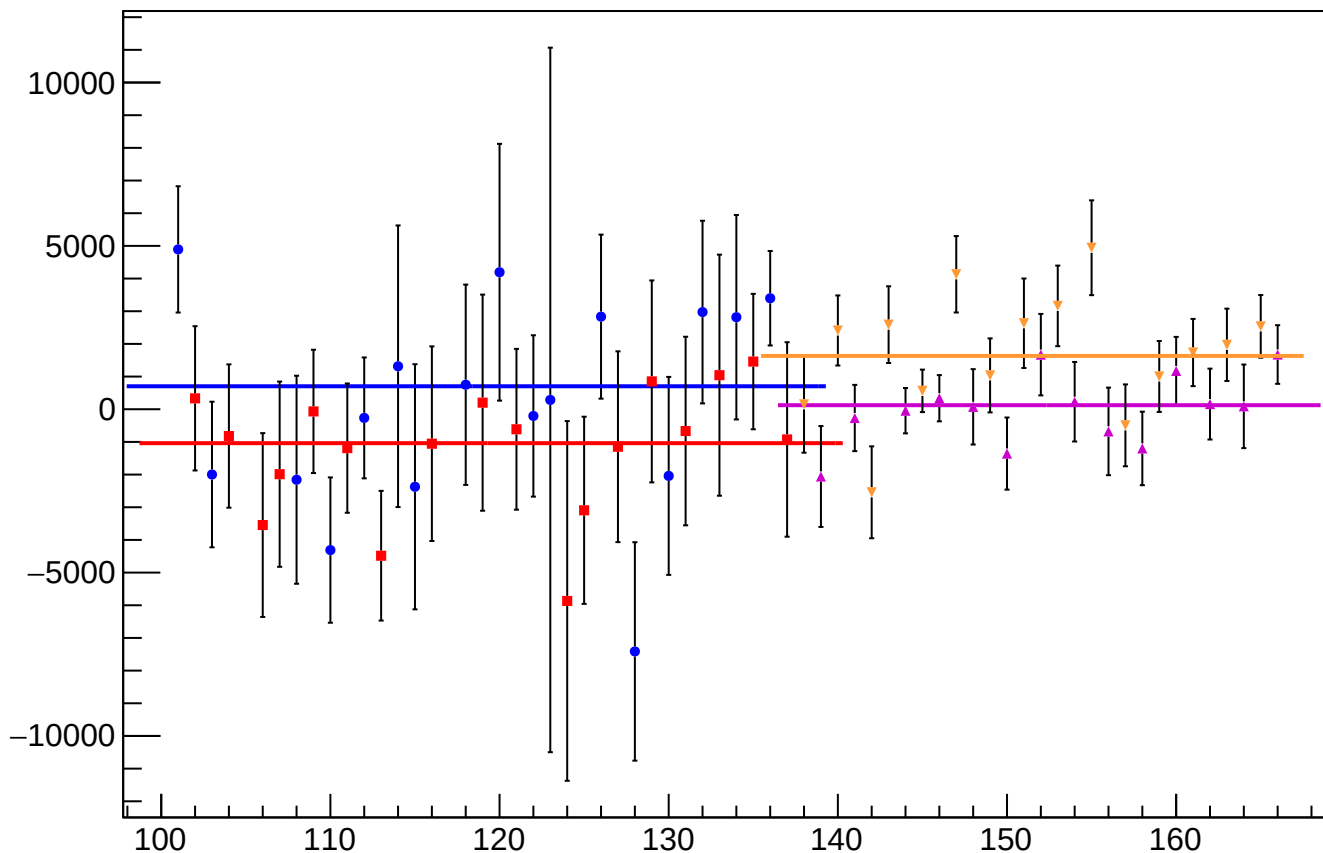
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1005.611+/-0.179 χ^2/NDF :3591144.6/30

Out: 1024.856+/-0.179 χ^2/NDF :3764249.8/32

All: 1015.231+/-0.127 χ^2/NDF : 7361155.4/63

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1631.895+/-283.617 χ^2/NDF :30.0/14

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: 123.585+/-273.925 χ^2/NDF :11.4/13

Left: 851.528+/-197.031 χ^2/NDF : 56.1/28

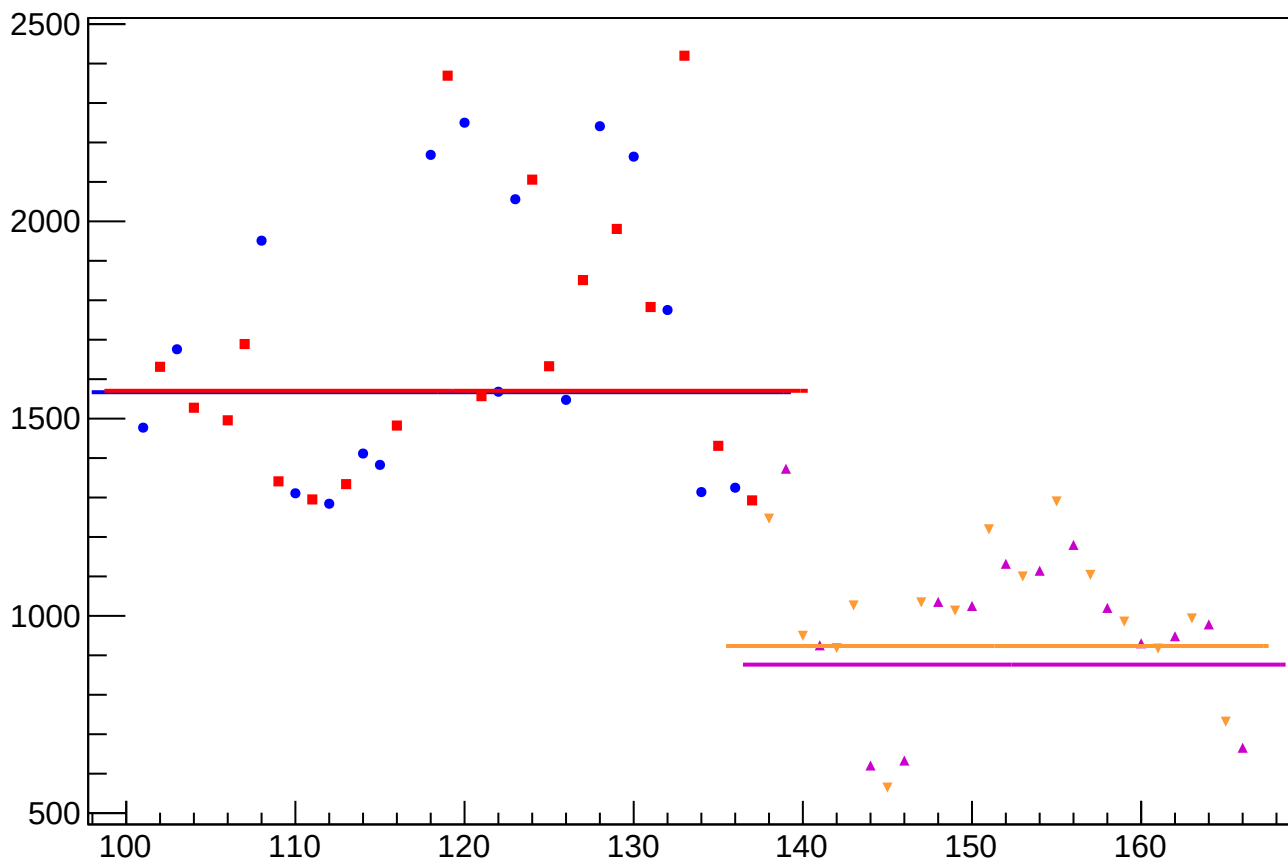
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 218.067+/-250.600 χ^2/NDF :38.1/30

Out: 1149.810+/-256.742 χ^2/NDF :54.2/32

All: 672.660+/-179.333 χ^2/NDF : 99.1/63

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 923.667 $\pm$ 0.201 χ^2 /NDF: 1149344.2/14

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 876.417 $\pm$ 0.194 χ^2 /NDF: 1226731.0/13

Left: 899.221 $\pm$ 0.139 χ^2 /NDF: 2404794.9/28

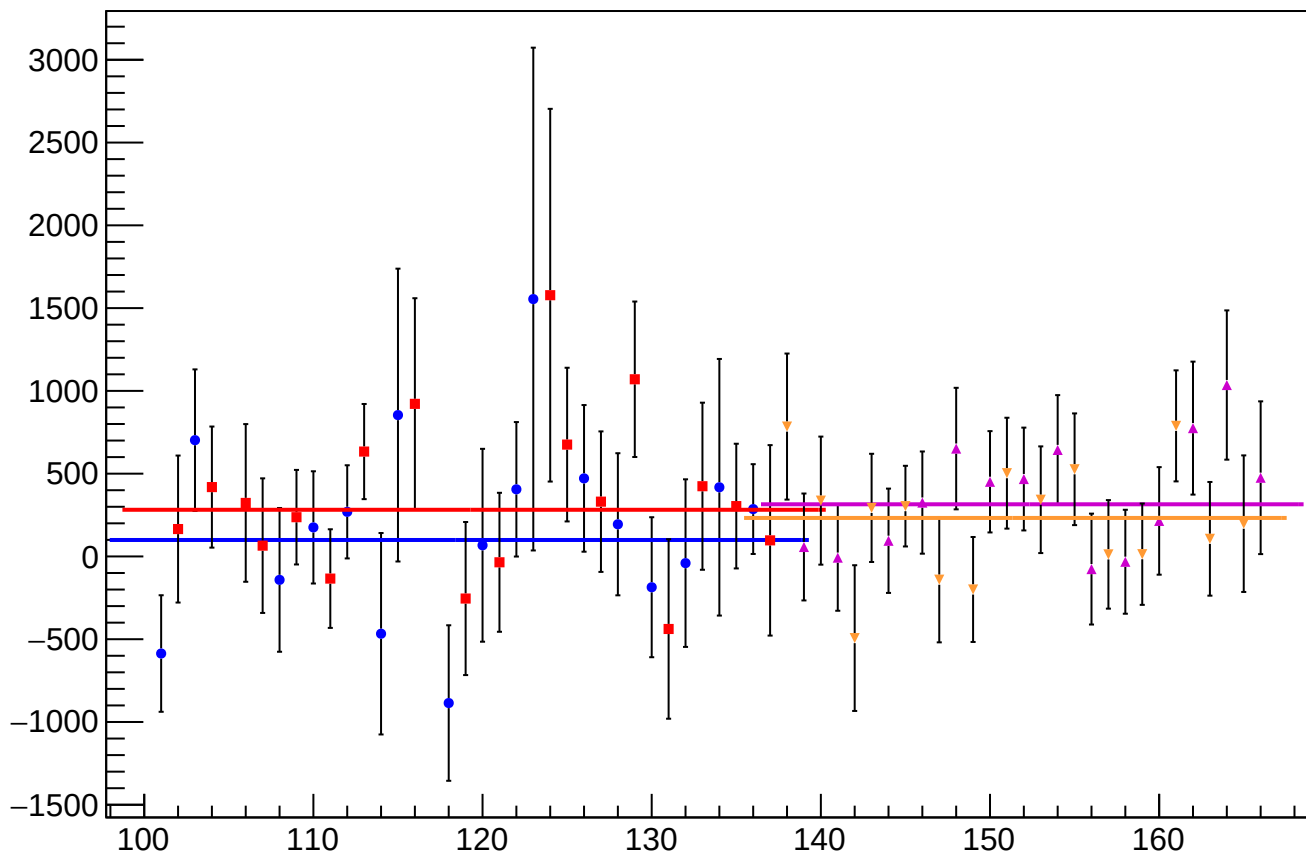
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 989.004 $\pm$ 0.177 χ^2 /NDF: 3798785.8/30

Out: 1040.452 $\pm$ 0.182 χ^2 /NDF: 3466957.0/32

All: 1014.105 $\pm$ 0.127 χ^2 /NDF: 7306869.2/63

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 ± 103.463 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 232.538 ± 87.473 $\chi^2/\text{NDF}: 12.7/14$

Right Out: 281.830 ± 97.880 $\chi^2/\text{NDF}: 13.7/17$

Left In: 315.021 ± 90.603 $\chi^2/\text{NDF}: 11.1/13$

Left: 272.330 ± 62.930 $\chi^2/\text{NDF}: 24.2/28$

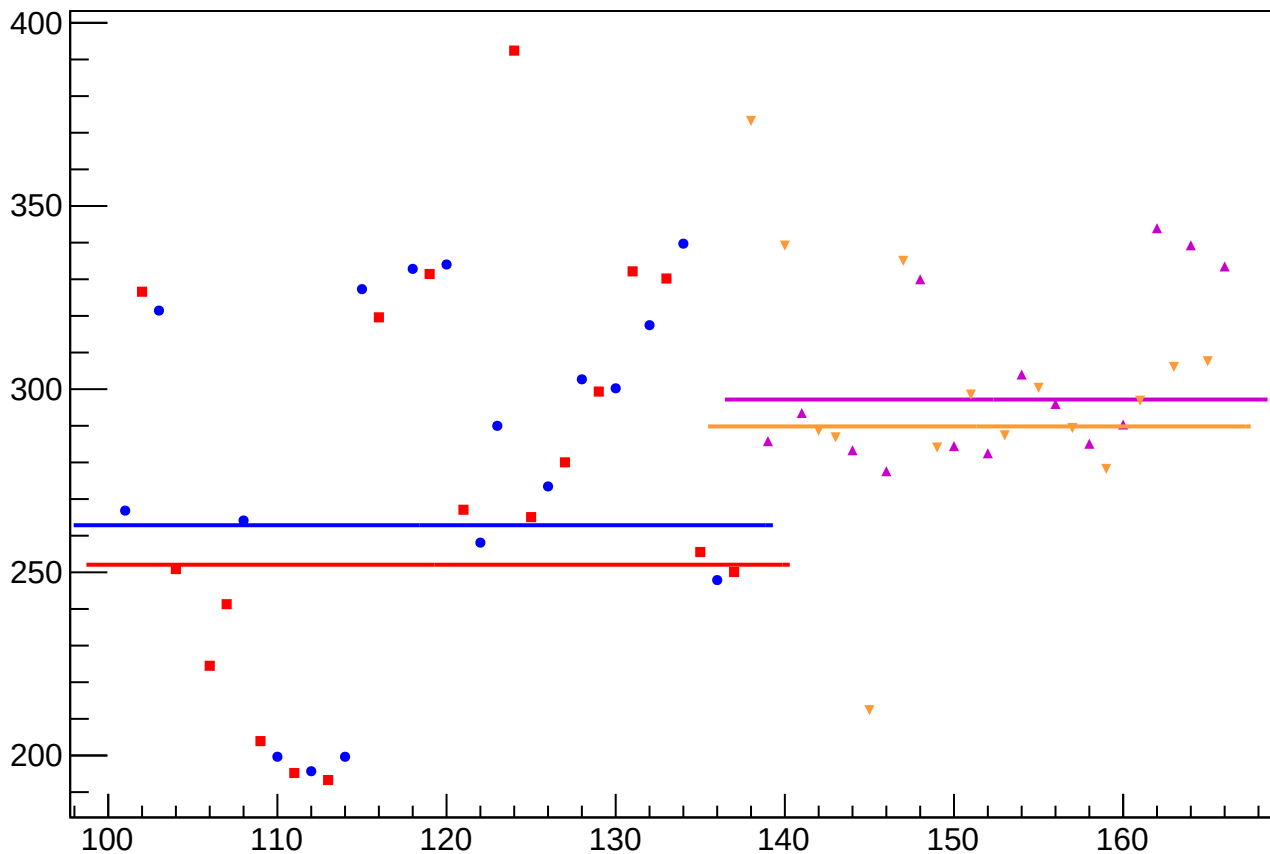
Right: 195.664 ± 71.104 $\chi^2/\text{NDF}: 31.3/34$

In: 221.431 ± 68.162 $\chi^2/\text{NDF}: 29.4/30$

Out: 254.425 ± 65.223 $\chi^2/\text{NDF}: 26.5/32$

All: 238.655 ± 47.124 $\chi^2/\text{NDF}: 56.1/63$

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2/NDF : 411698.3/16

Left Out: 289.835 $\pm$ 0.062 χ^2/NDF : 350981.1/14

Right Out: 252.079 $\pm$ 0.069 χ^2/NDF : 515150.4/17

Left In: 297.168 $\pm$ 0.064 χ^2/NDF : 100239.6/13

Left: 293.372 $\pm$ 0.044 χ^2/NDF : 458002.3/28

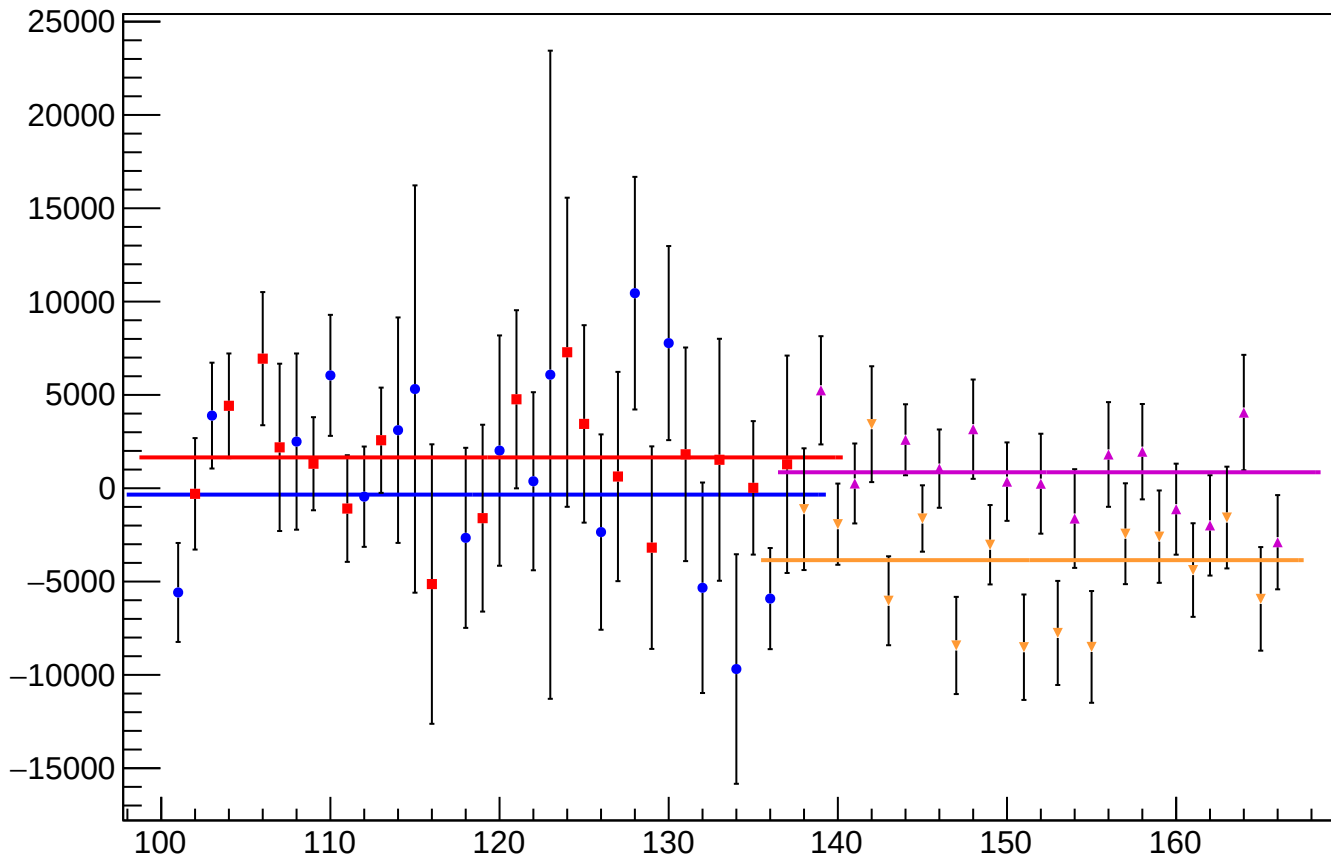
Right: 257.169 $\pm$ 0.050 χ^2/NDF : 938300.0/34

In: 282.276 $\pm$ 0.048 χ^2/NDF : 636429.0/30

Out: 273.070 $\pm$ 0.046 χ^2/NDF : 1031574.7/32

All: 277.470 $\pm$ 0.033 χ^2/NDF : 1687047.9/63

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3853.175 ± 651.071 $\chi^2/\text{NDF}: 21.6/14$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 855.588 ± 653.824 $\chi^2/\text{NDF}: 10.3/13$

Left: -1508.726 ± 461.347 $\chi^2/\text{NDF}: 57.9/28$

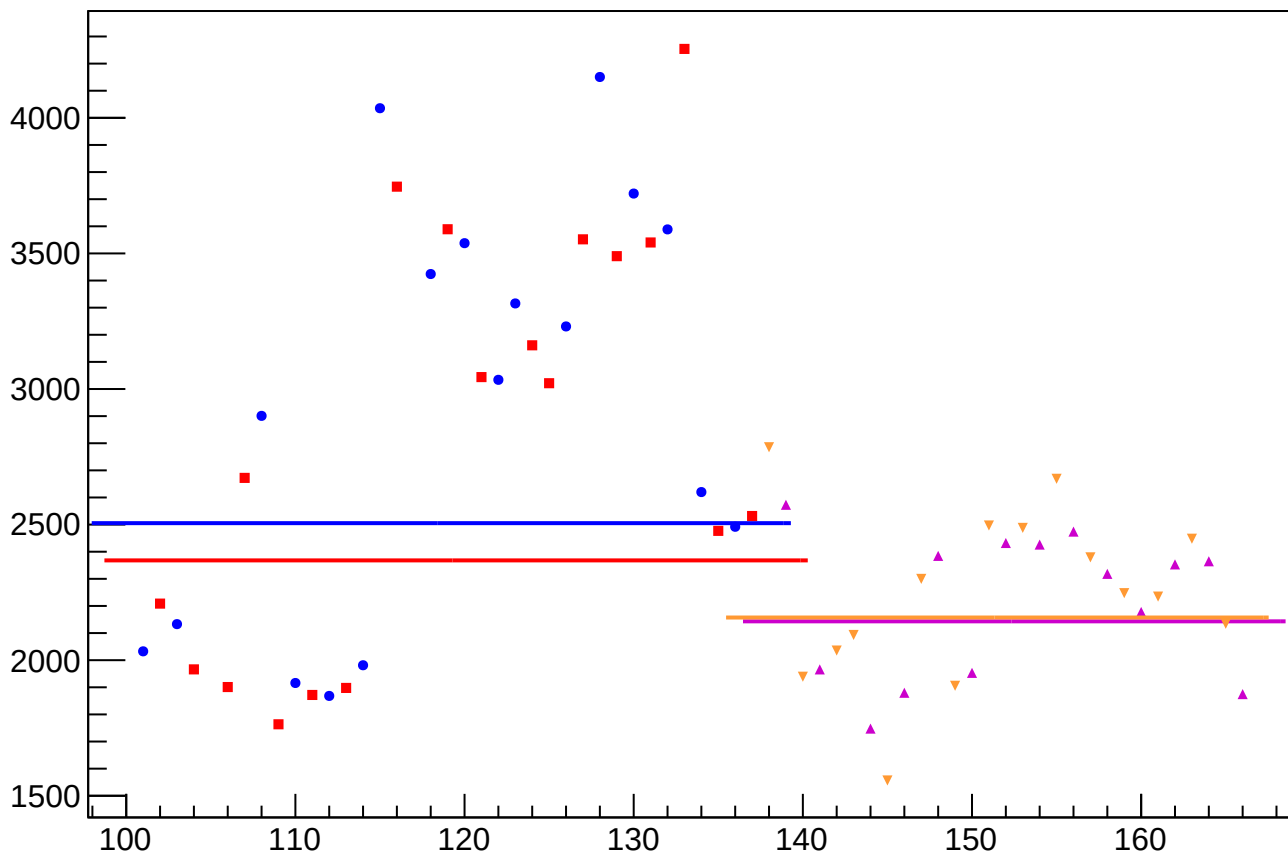
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 499.406 ± 547.992 $\chi^2/\text{NDF}: 35.7/30$

Out: -2042.126 ± 533.332 $\chi^2/\text{NDF}: 53.0/32$

All: -805.810 ± 382.200 $\chi^2/\text{NDF}: 99.8/63$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2157.325+/-0.460 χ^2/NDF : 517280.0/14

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2143.249+/-0.462 χ^2/NDF : 337392.8/13

Left: 2150.317+/-0.326 χ^2/NDF : 855138.2/28

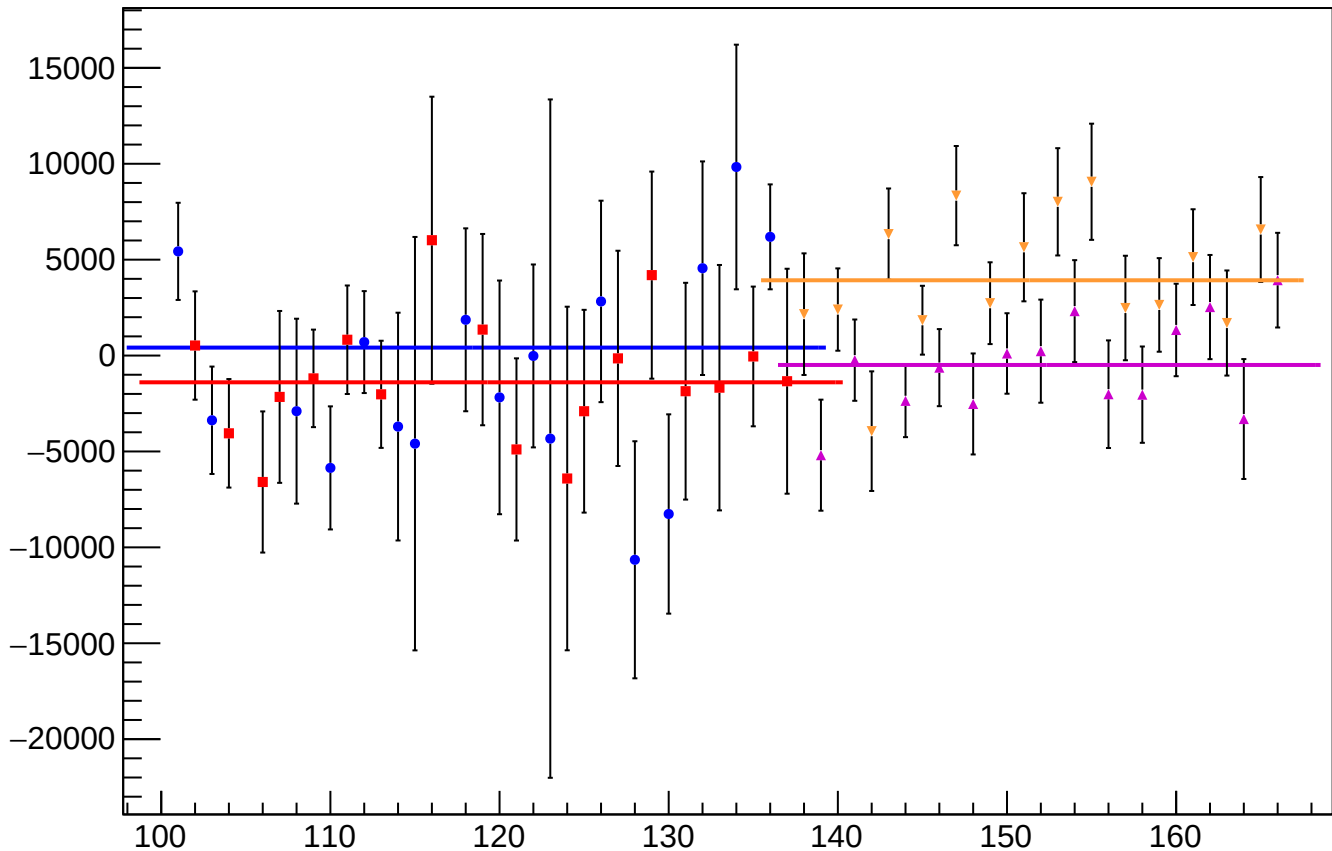
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2250.979+/-0.387 χ^2/NDF : 1384021.4/30

Out: 2226.633+/-0.377 χ^2/NDF : 1617052.9/32

All: 2238.476+/-0.270 χ^2/NDF : 3003101.7/63

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3925.262+/-649.743 χ^2/NDF : 20.6/14

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -490.238+/-648.276 χ^2/NDF : 12.0/13

Left: 1712.519+/-458.918 χ^2/NDF : 55.7/28

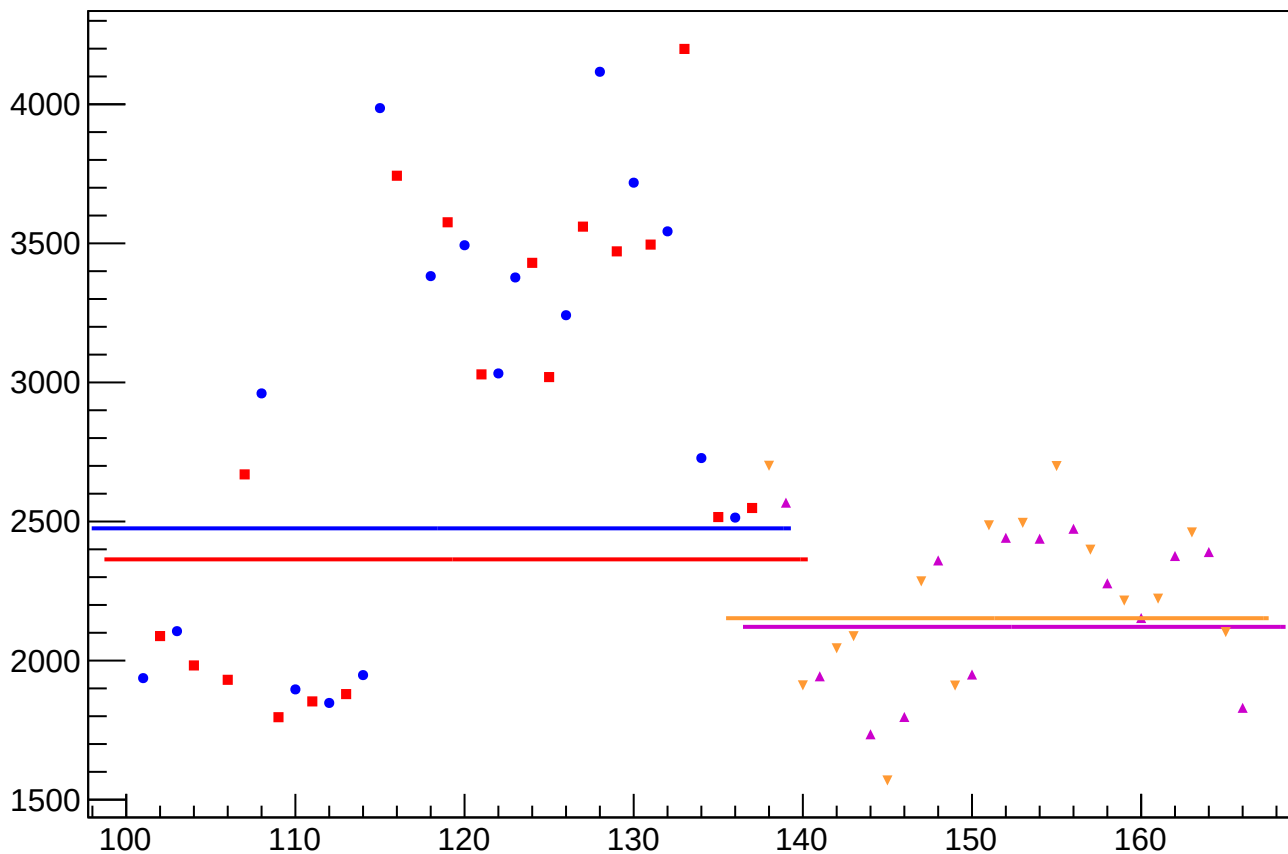
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -220.283+/-543.148 χ^2/NDF : 37.1/30

Out: 2177.757+/-532.440 χ^2/NDF : 50.1/32

All: 1002.608+/-380.221 χ^2/NDF : 97.1/63

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2152.391+/-0.459 χ^2/NDF : 499723.8/14

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2121.279+/-0.458 χ^2/NDF : 383356.6/13

Left: 2136.800+/-0.325 χ^2/NDF : 885378.4/28

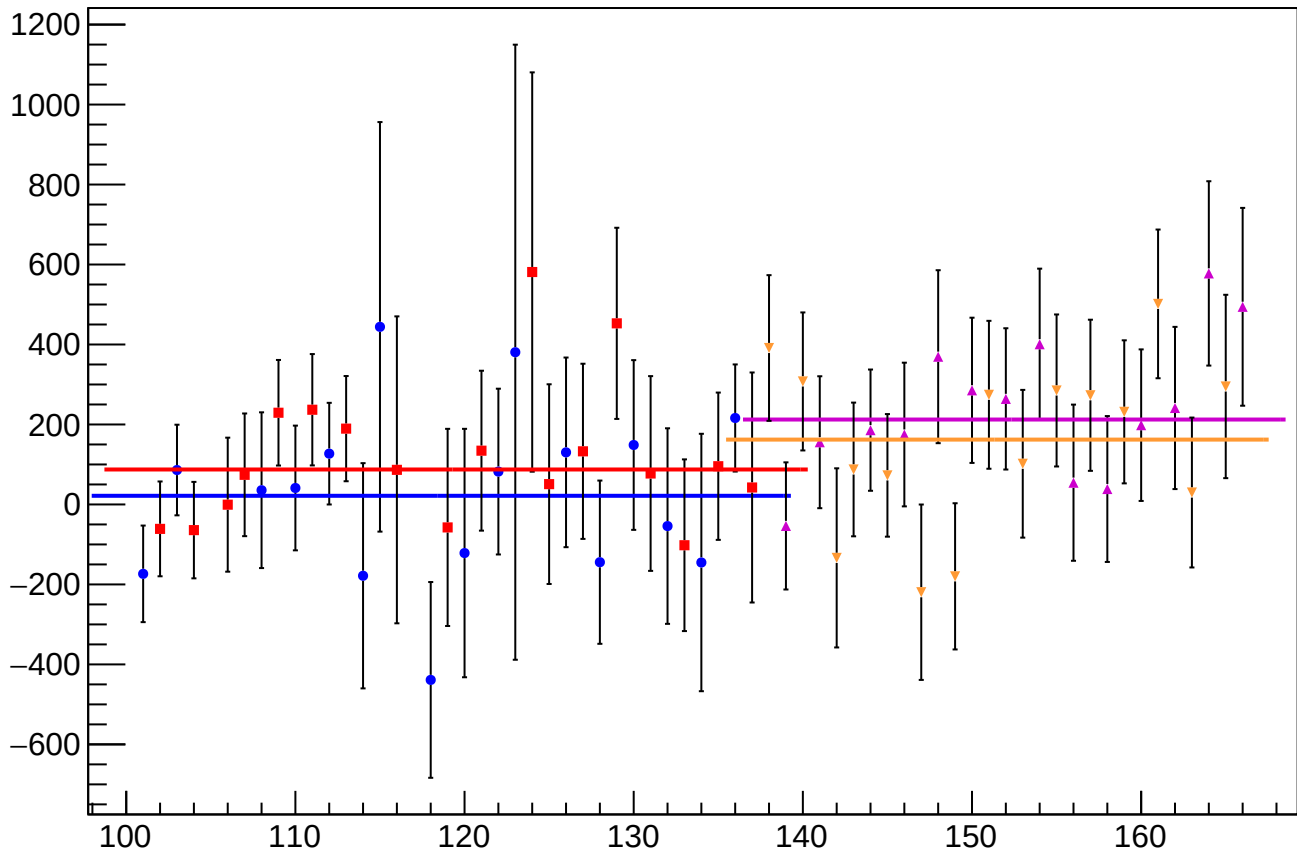
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2226.829+/-0.384 χ^2/NDF : 1474325.5/30

Out: 2221.870+/-0.376 χ^2/NDF : 1596221.3/32

All: 2224.300+/-0.269 χ^2/NDF : 3070631.8/63

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 162.173 $\pm$ 47.968 χ^2/NDF :16.7/14

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 212.364 $\pm$ 49.619 χ^2/NDF :10.2/13

Left: 186.420 $\pm$ 34.487 χ^2/NDF : 27.3/28

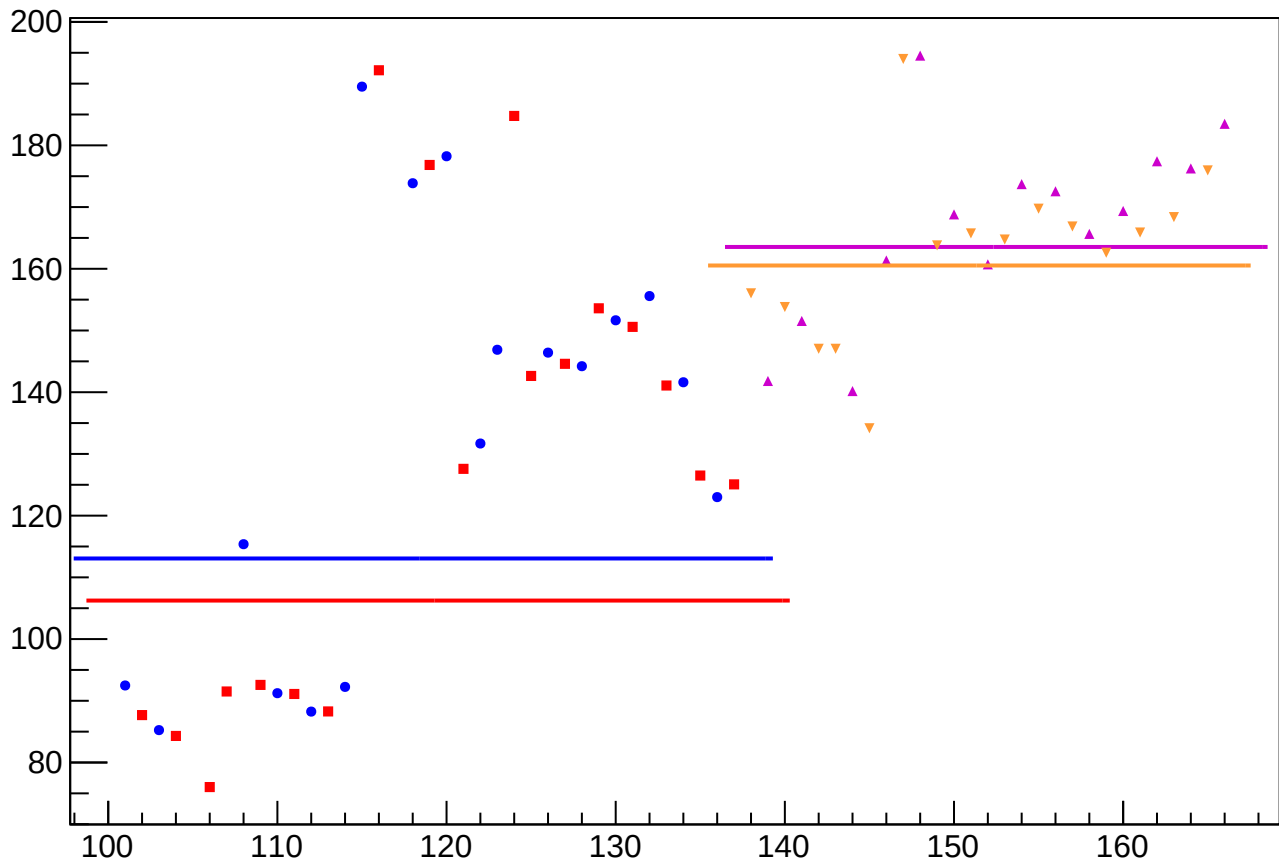
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 108.047 $\pm$ 33.397 χ^2/NDF :30.8/30

Out: 119.718 $\pm$ 31.525 χ^2/NDF :29.0/32

All: 114.219 $\pm$ 22.925 χ^2/NDF : 59.9/63

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 160.533 $\pm$ 0.034 χ^2 /NDF:154981.9/14

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 163.537 $\pm$ 0.035 χ^2 /NDF:179652.1/13

Left: 161.984 $\pm$ 0.024 χ^2 /NDF: 338424.0/28

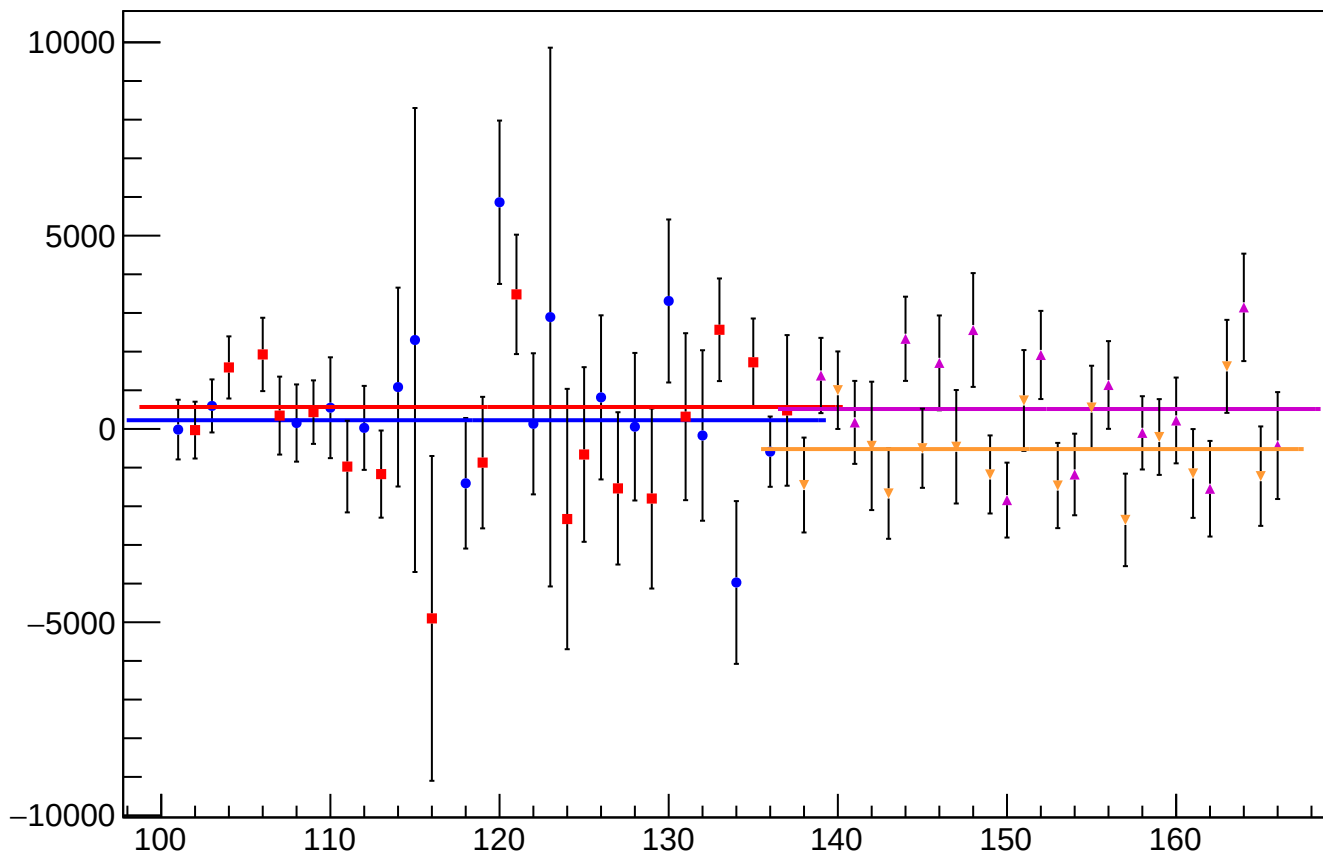
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 135.927 $\pm$ 0.024 χ^2 /NDF:2132630.3/30

Out: 129.690 $\pm$ 0.022 χ^2 /NDF:2562189.2/32

All: 132.629 $\pm$ 0.016 χ^2 /NDF: 4731700.3/63

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -520.586 $\pm$ 298.729 χ^2 /NDF:13.1/14

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 515.761 $\pm$ 301.202 χ^2 /NDF:24.2/13

Left: -6.683 $\pm$ 212.102 χ^2 /NDF: 43.3/28

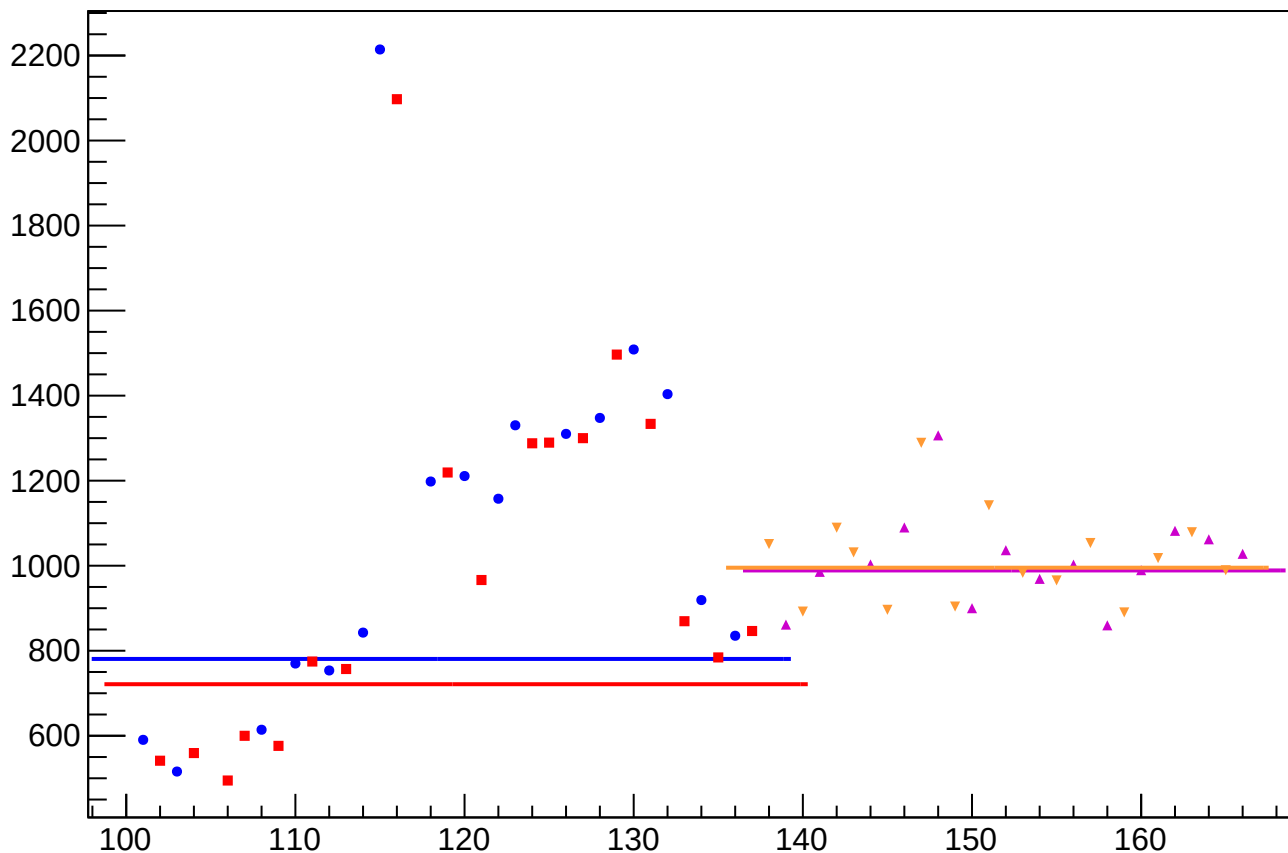
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 380.106 $\pm$ 219.779 χ^2 /NDF:40.6/30

Out: 38.963 $\pm$ 208.263 χ^2 /NDF:40.9/32

All: 200.363 $\pm$ 151.172 χ^2 /NDF: 82.7/63

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 995.289+/-0.211 χ^2/NDF : 214113.5/14

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 988.839+/-0.213 χ^2/NDF : 218290.8/13

Left: 992.090+/-0.150 χ^2/NDF : 432866.6/28

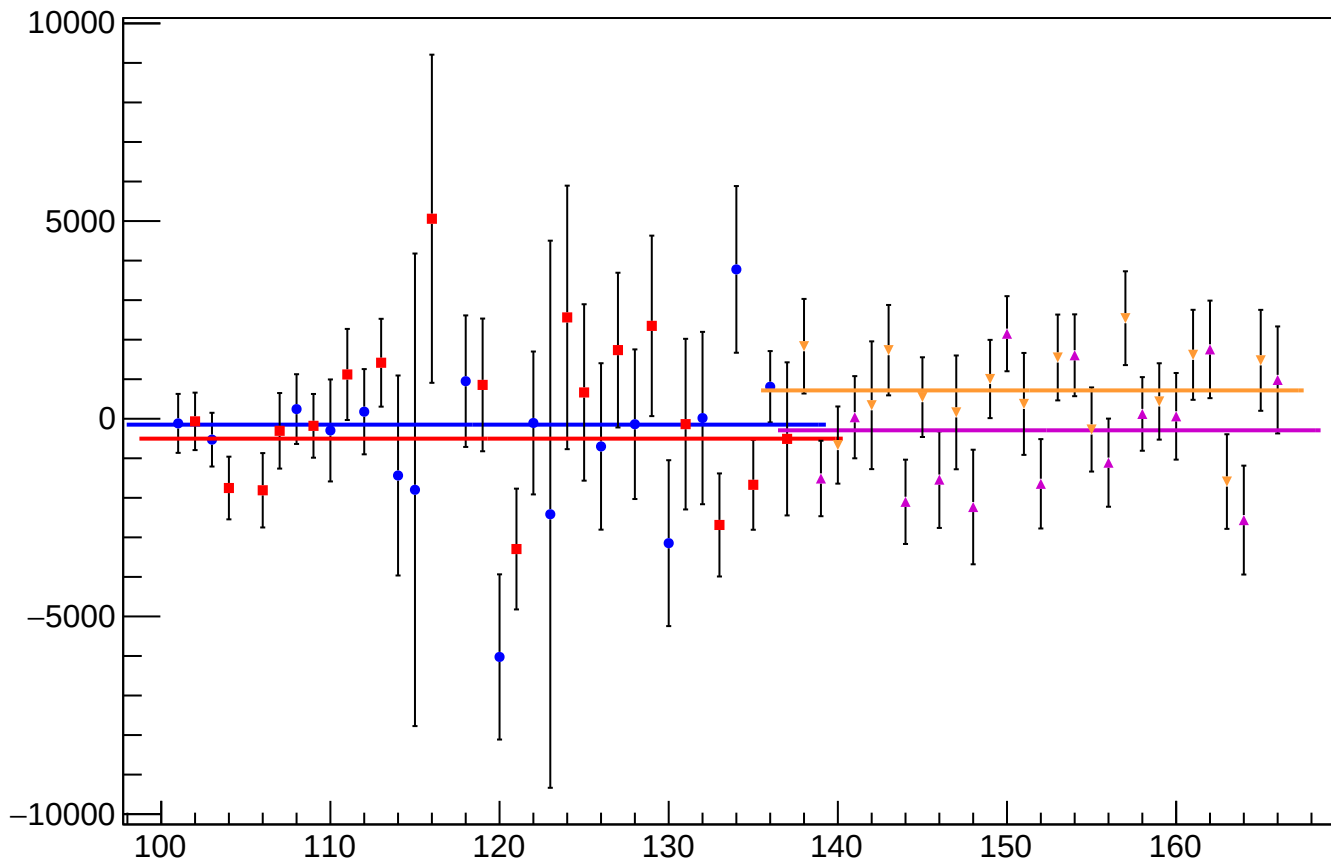
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 891.519+/-0.155 χ^2/NDF : 2274352.9/30

Out: 854.450+/-0.147 χ^2/NDF : 2705684.3/32

All: 871.988+/-0.107 χ^2/NDF : 5010014.0/63

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 716.967+/-293.774 χ^2/NDF :12.7/14

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -292.402+/-296.222 χ^2/NDF :26.1/13

Left: 216.471+/-208.590 χ^2/NDF : 44.6/28

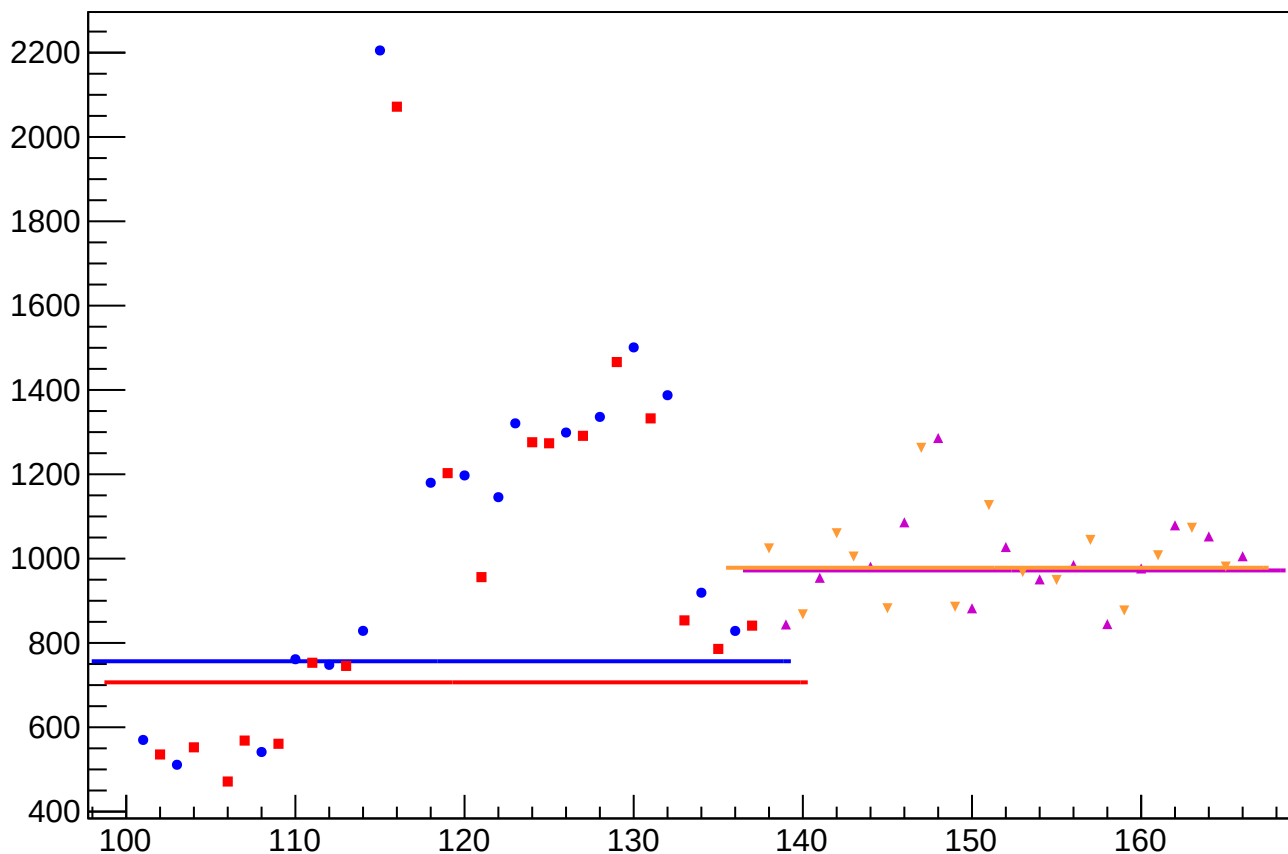
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -224.716+/-215.136 χ^2/NDF :42.3/30

Out: 90.079+/-204.845 χ^2/NDF :45.1/32

All: -59.610+/-148.352 χ^2/NDF : 88.6/63

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 978.330 $\pm$ 0.208 χ^2 /NDF: 218940.7/14

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 971.964 $\pm$ 0.209 χ^2 /NDF: 232462.9/13

Left: 975.173 $\pm$ 0.147 χ^2 /NDF: 451869.2/28

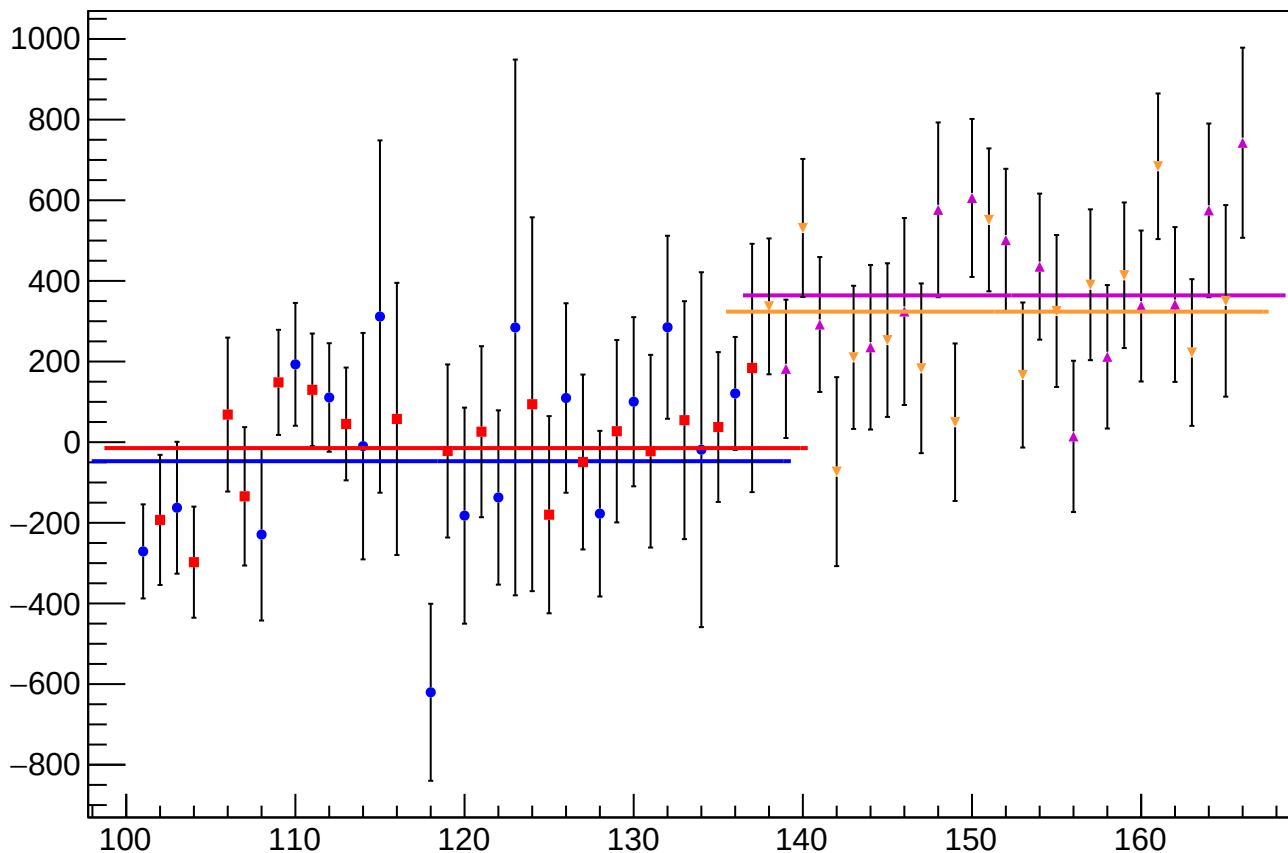
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 870.167 $\pm$ 0.152 χ^2 /NDF: 2445939.0/30

Out: 838.693 $\pm$ 0.145 χ^2 /NDF: 2768424.0/32

All: 853.659 $\pm$ 0.105 χ^2 /NDF: 5236815.1/63

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 323.716 ± 48.545 $\chi^2/\text{NDF}: 14.4/14$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 364.098 ± 51.479 $\chi^2/\text{NDF}: 12.8/13$

Left: 342.723 ± 35.318 $\chi^2/\text{NDF}: 27.5/28$

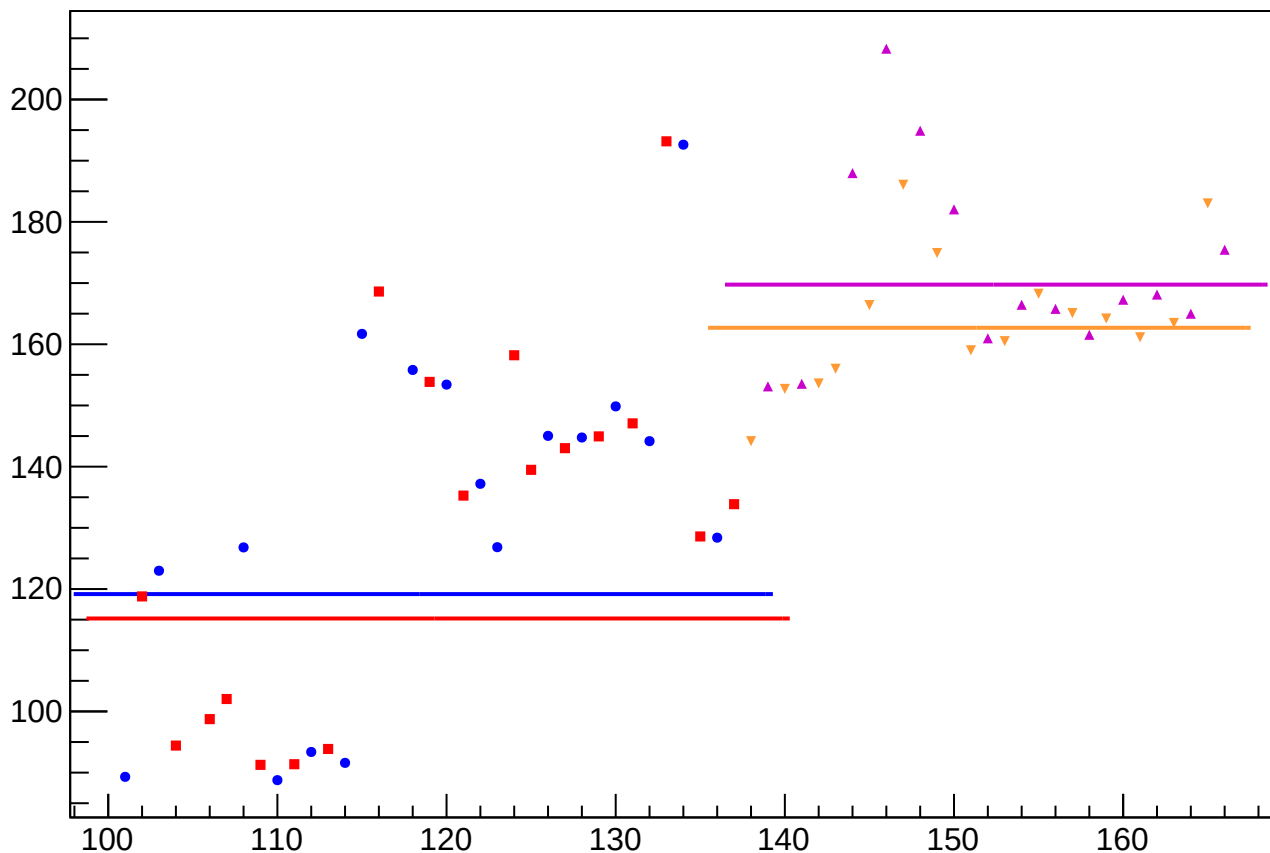
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 140.967 ± 34.817 $\chi^2/\text{NDF}: 69.3/30$

Out: 141.182 ± 32.942 $\chi^2/\text{NDF}: 50.7/32$

All: 141.080 ± 23.929 $\chi^2/\text{NDF}: 120.0/63$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 162.699+/-0.034 χ^2/NDF : 88286.3/14

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 169.748+/-0.036 χ^2/NDF : 156963.5/13

Left: 166.017+/-0.025 χ^2/NDF : 265100.0/28

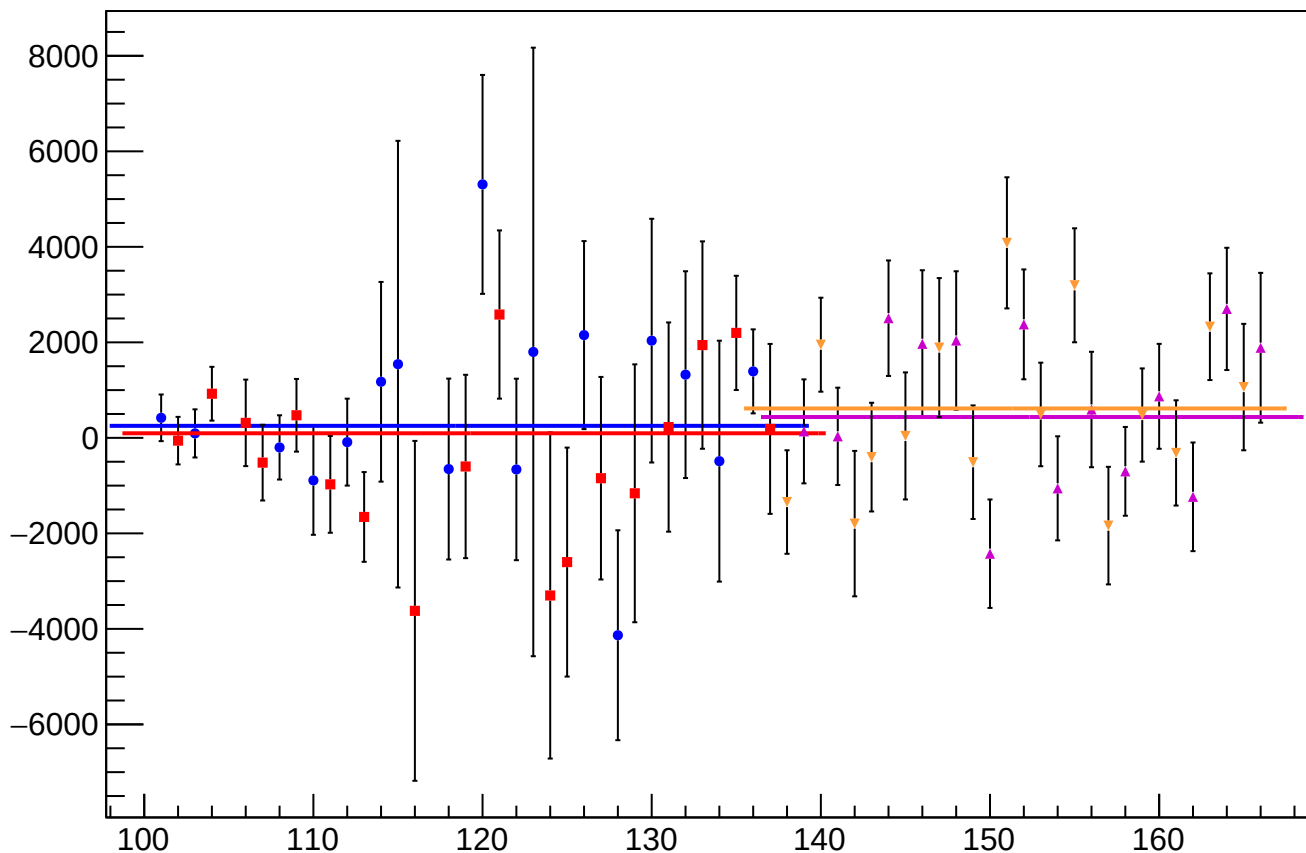
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 142.309+/-0.025 χ^2/NDF : 1819514.3/30

Out: 137.066+/-0.023 χ^2/NDF : 1797401.8/32

All: 139.543+/-0.017 χ^2/NDF : 3640845.9/63

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 616.172+/-304.019 χ^2/NDF : 28.5/14

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 436.323+/-312.814 χ^2/NDF : 24.3/13

Left: 528.811+/-218.017 χ^2/NDF : 52.9/28

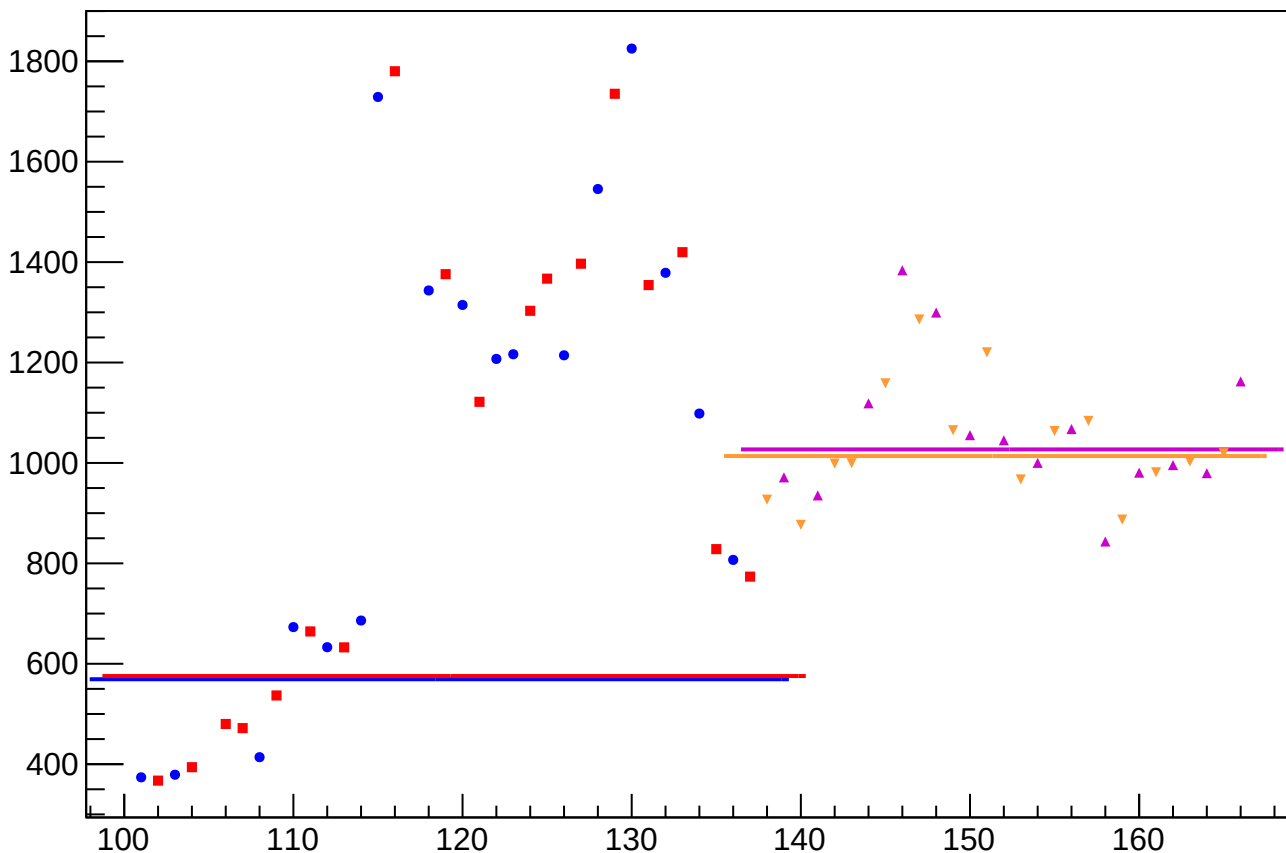
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 324.667+/-196.629 χ^2/NDF : 39.3/30

Out: 301.446+/-191.118 χ^2/NDF : 47.7/32

All: 312.726+/-137.048 χ^2/NDF : 87.1/63

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.726 $\pm$ 0.215 χ^2 /NDF: 243944.5/14

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1026.960 $\pm$ 0.221 χ^2 /NDF: 316585.9/13

Left: 1020.154 $\pm$ 0.154 χ^2 /NDF: 562371.3/28

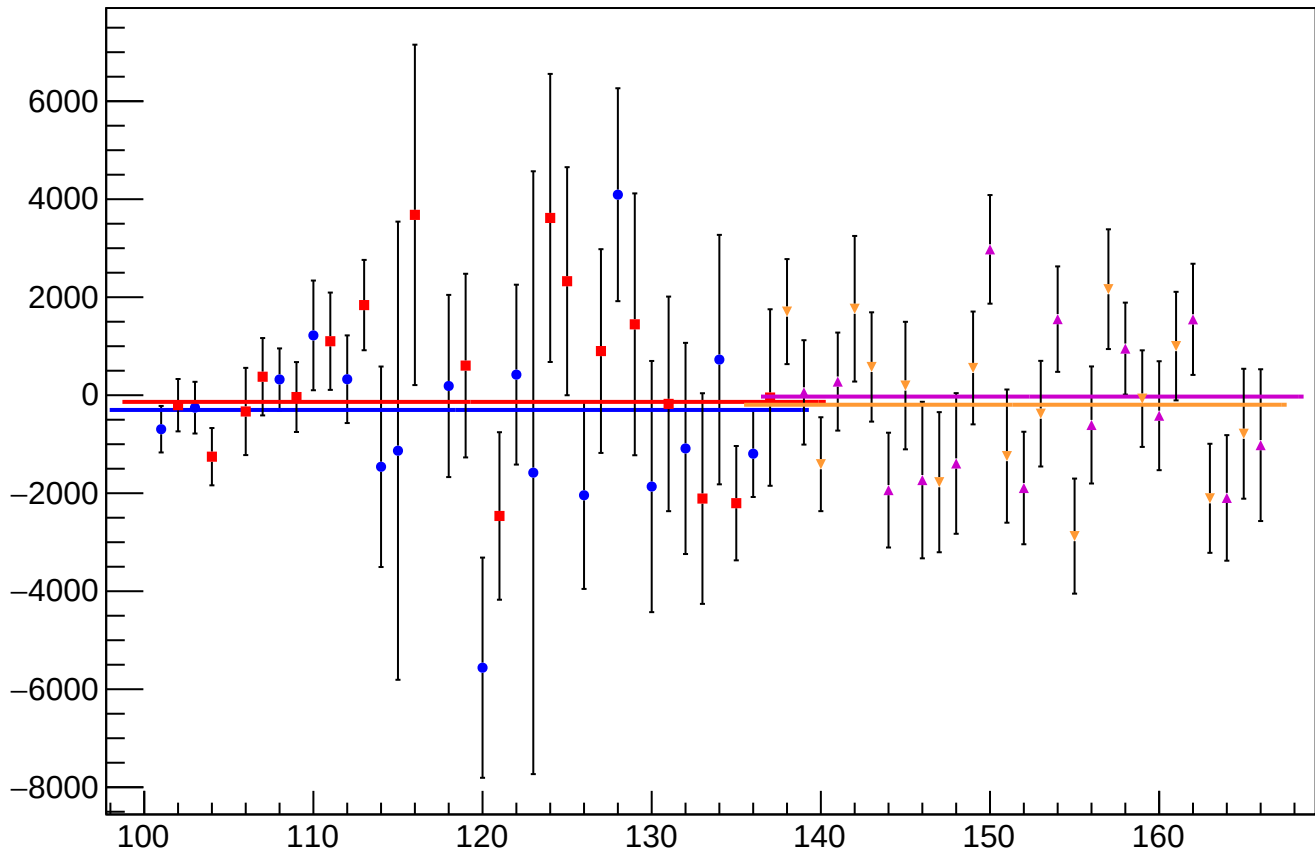
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 750.067 $\pm$ 0.139 χ^2 /NDF: 6174282.0/30

Out: 748.731 $\pm$ 0.135 χ^2 /NDF: 5814576.5/32

All: 749.380 $\pm$ 0.097 χ^2 /NDF: 11988906.1/63

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -194.373 ± 300.563 χ^2/NDF : 22.6/14

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: -28.083 ± 310.484 χ^2/NDF : 23.3/13

Left: -113.927 ± 215.953 χ^2/NDF : 46.1/28

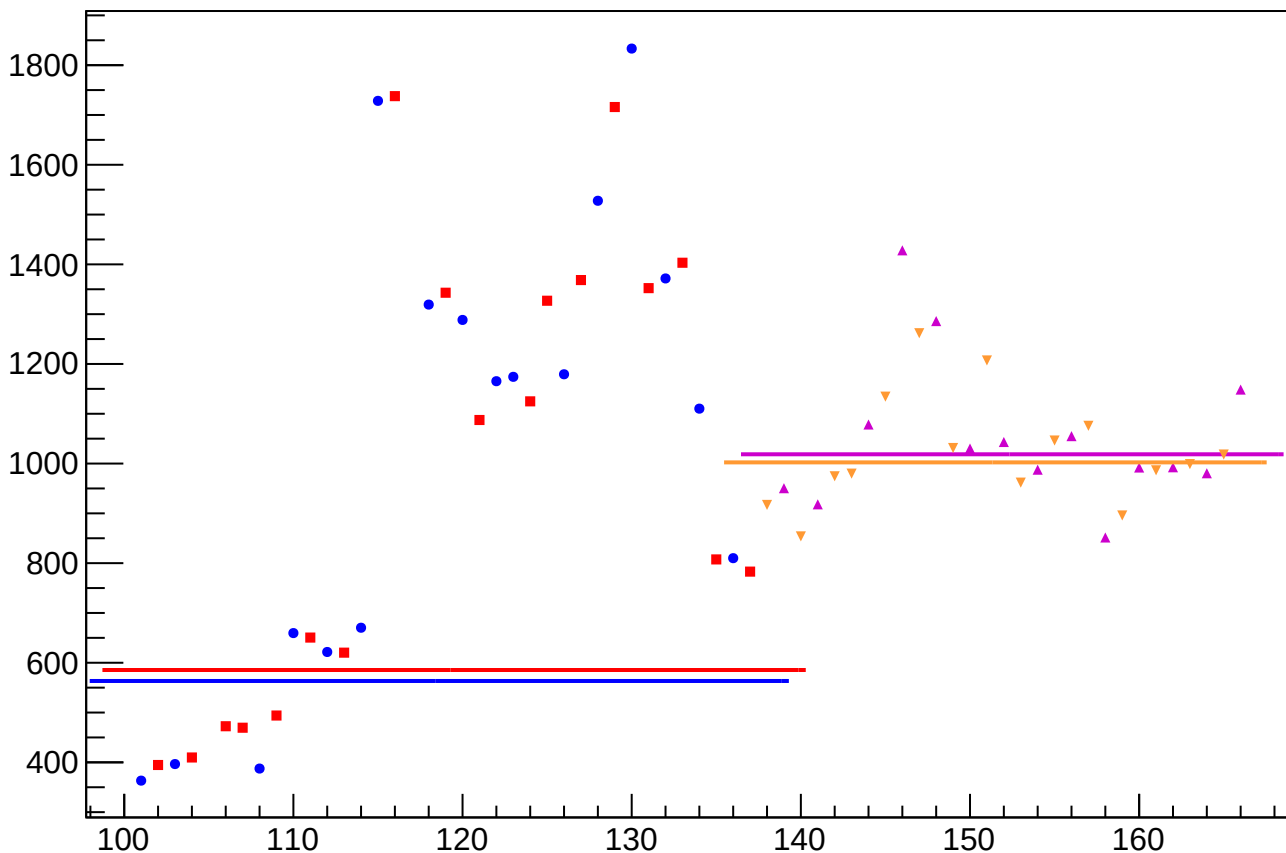
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -193.286 ± 194.866 χ^2/NDF : 40.5/30

Out: -159.673 ± 191.148 χ^2/NDF : 43.5/32

All: -176.156 ± 136.458 χ^2/NDF : 84.0/63

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1002.360+/-0.213 χ^2/NDF : 232360.9/14

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1018.620+/-0.220 χ^2/NDF : 320693.7/13

Left: 1010.226+/-0.153 χ^2/NDF : 555886.3/28

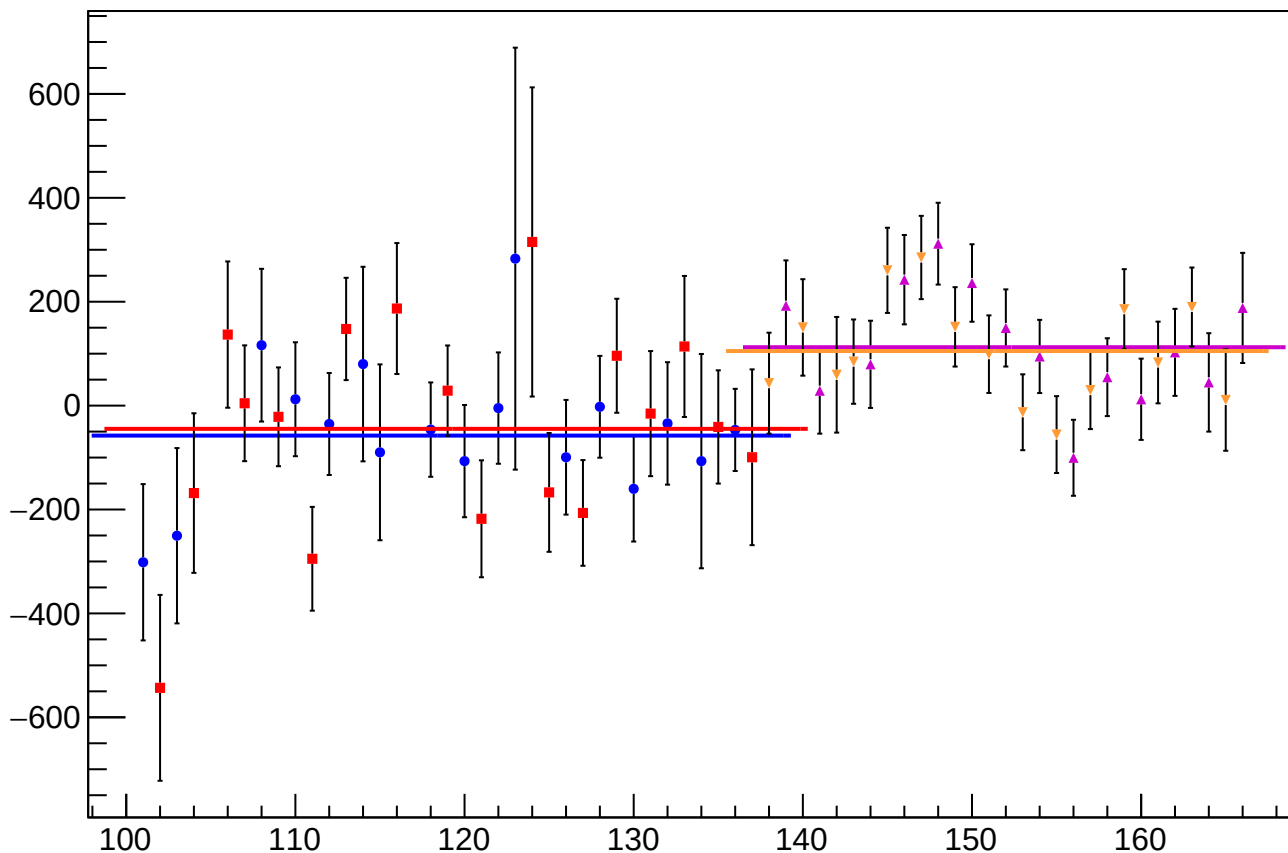
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 742.709+/-0.138 χ^2/NDF : 6185578.2/30

Out: 754.063+/-0.135 χ^2/NDF : 5342335.4/32

All: 748.496+/-0.096 χ^2/NDF : 11531373.9/63

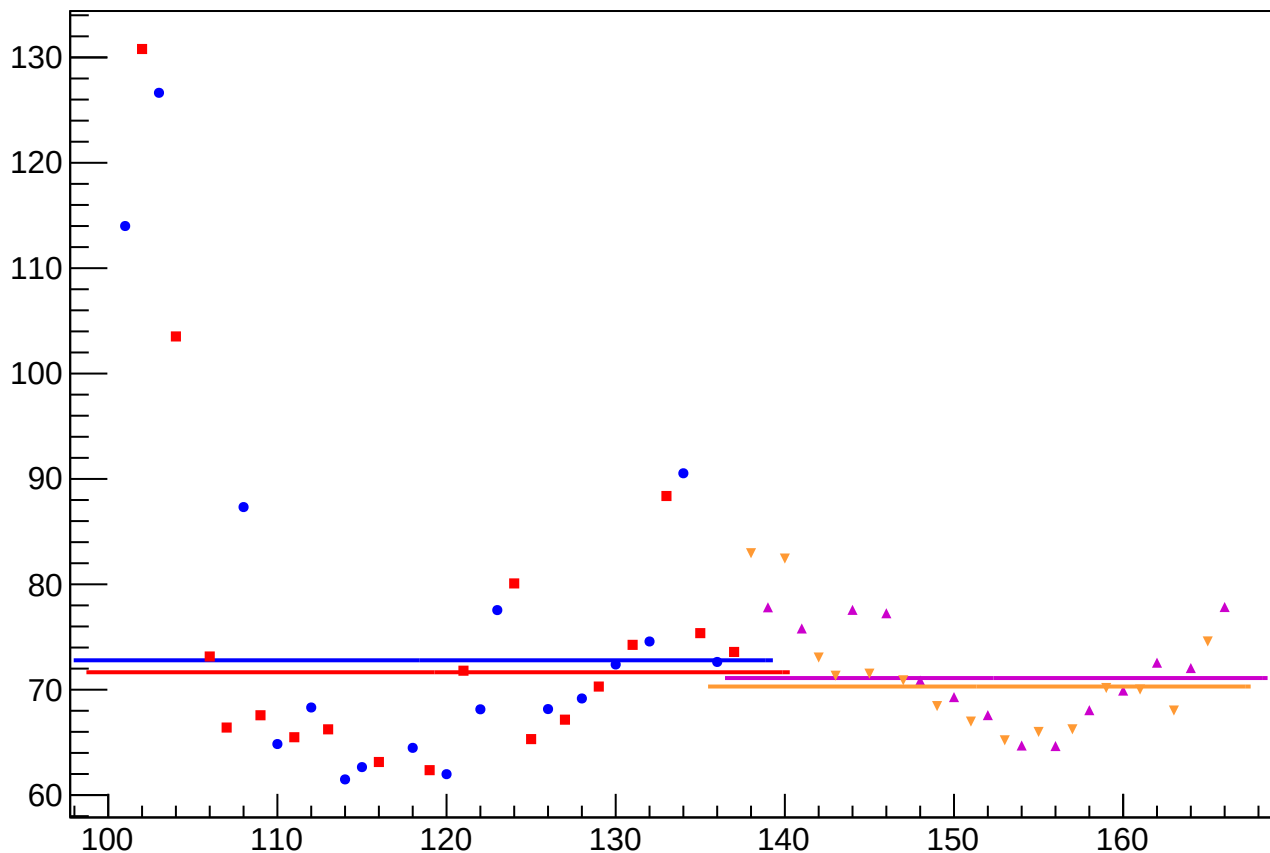
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
 Left Out: 105.031 ± 21.012 χ^2/NDF : 21.6/14
 Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17
 Left In: 112.409 ± 21.566 χ^2/NDF : 25.5/13

Left: 108.624 ± 15.050 χ^2/NDF : 47.1/28
 Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34
 In: 51.000 ± 17.239 χ^2/NDF : 57.1/30
 Out: 50.373 ± 16.743 χ^2/NDF : 75.3/32
 All: 50.678 ± 12.011 χ^2/NDF : 132.4/63

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.301 ± 0.015 $\chi^2/\text{NDF}: 103431.3/14$

Right Out: 71.655 ± 0.020 $\chi^2/\text{NDF}: 404376.9/17$

Left In: 71.106 ± 0.015 $\chi^2/\text{NDF}: 90862.6/13$

Left: 70.693 ± 0.011 $\chi^2/\text{NDF}: 195721.1/28$

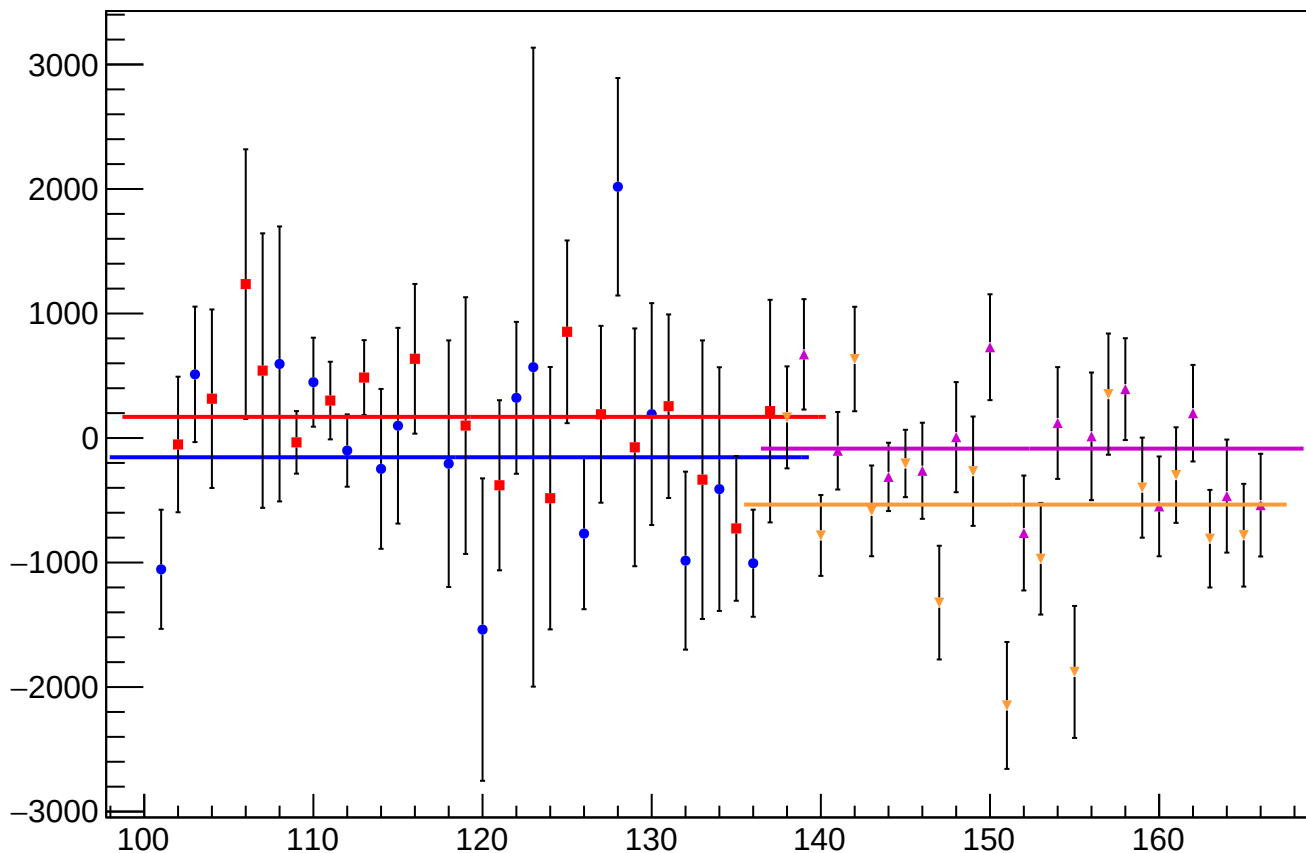
Right: 72.203 ± 0.014 $\chi^2/\text{NDF}: 870767.9/34$

In: 71.714 ± 0.012 $\chi^2/\text{NDF}: 560038.8/30$

Out: 70.796 ± 0.012 $\chi^2/\text{NDF}: 510839.7/32$

All: 71.241 ± 0.008 $\chi^2/\text{NDF}: 1073797.1/63$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -534.396+/-102.983 χ^2/NDF : 38.2/14

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -85.069+/-105.954 χ^2/NDF : 15.1/13

Left: -316.120+/-73.848 χ^2/NDF : 62.5/28

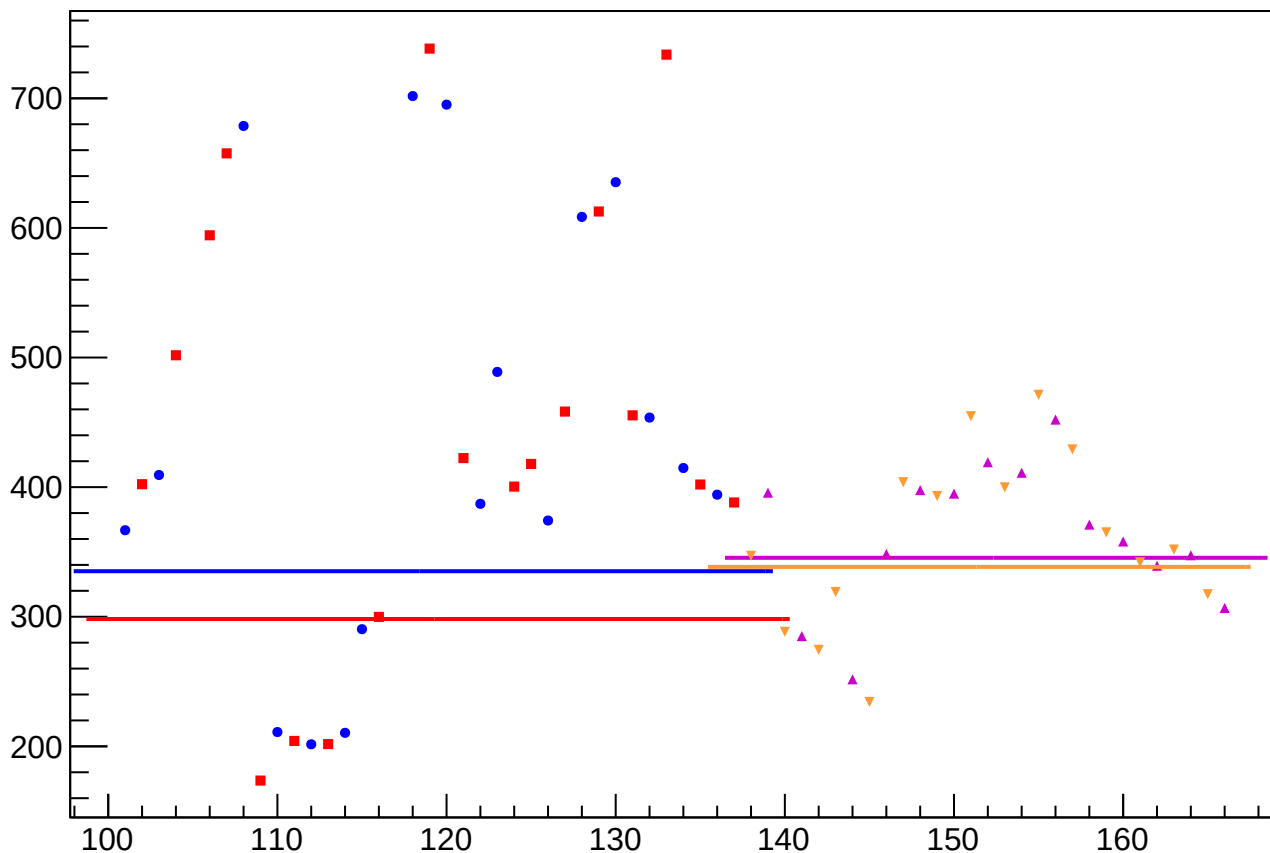
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -110.159+/-84.639 χ^2/NDF : 38.4/30

Out: -252.875+/-79.794 χ^2/NDF : 65.3/32

All: -185.719+/-58.060 χ^2/NDF : 105.2/63

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 338.461 $\pm$ 0.073 χ^2 /NDF: 822612.2/14

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 345.483 $\pm$ 0.075 χ^2 /NDF: 597849.8/13

Left: 341.872 $\pm$ 0.052 χ^2 /NDF: 1424978.2/28

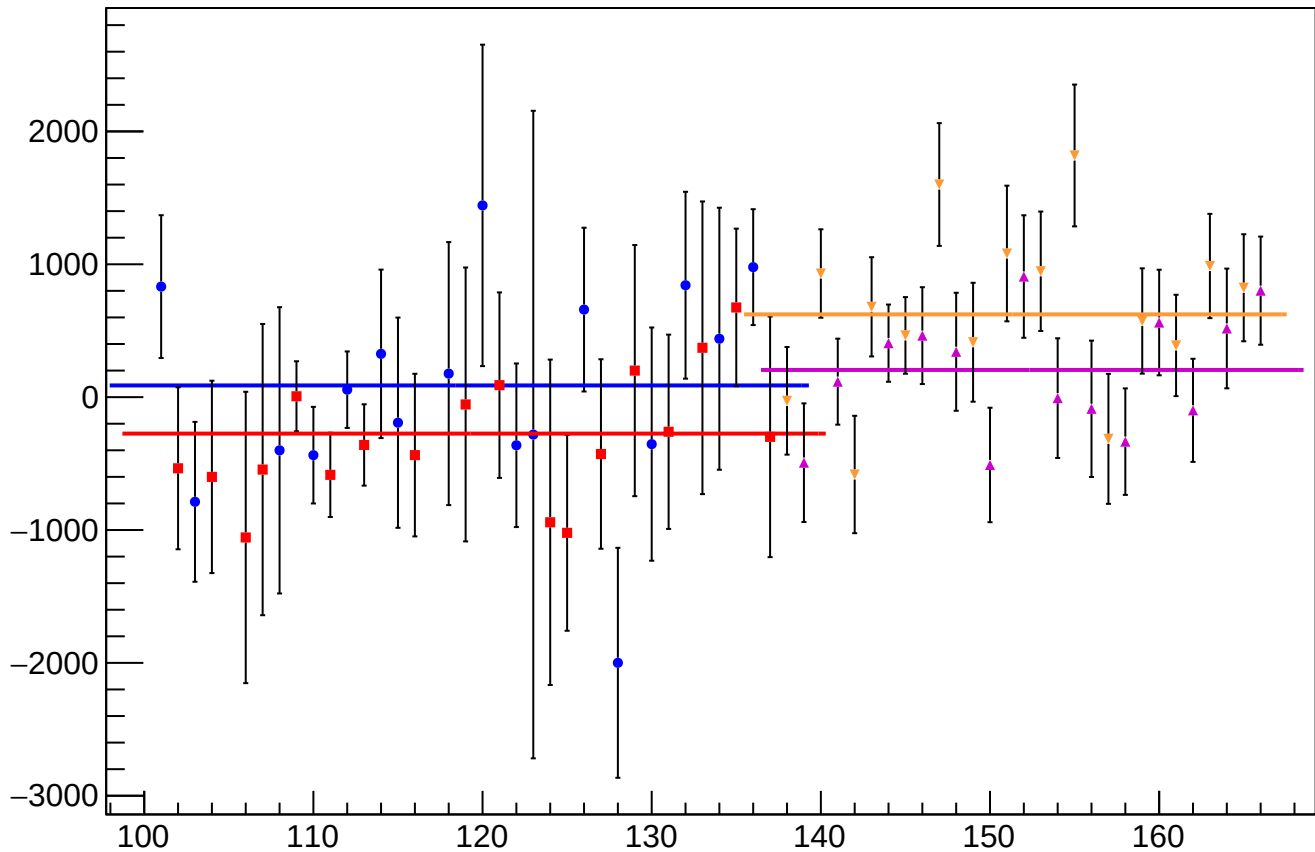
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 341.738 $\pm$ 0.060 χ^2 /NDF: 2598798.6/30

Out: 322.392 $\pm$ 0.056 χ^2 /NDF: 3721010.3/32

All: 331.495 $\pm$ 0.041 χ^2 /NDF: 6375127.1/63

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 623.004 $\pm$ 104.534 χ^2/NDF : 27.4/14

Right Out: -274.340 $\pm$ 129.866 χ^2/NDF : 8.0/17

Left In: 204.724 $\pm$ 106.601 χ^2/NDF : 15.1/13

Left: 417.958 $\pm$ 74.637 χ^2/NDF : 50.4/28

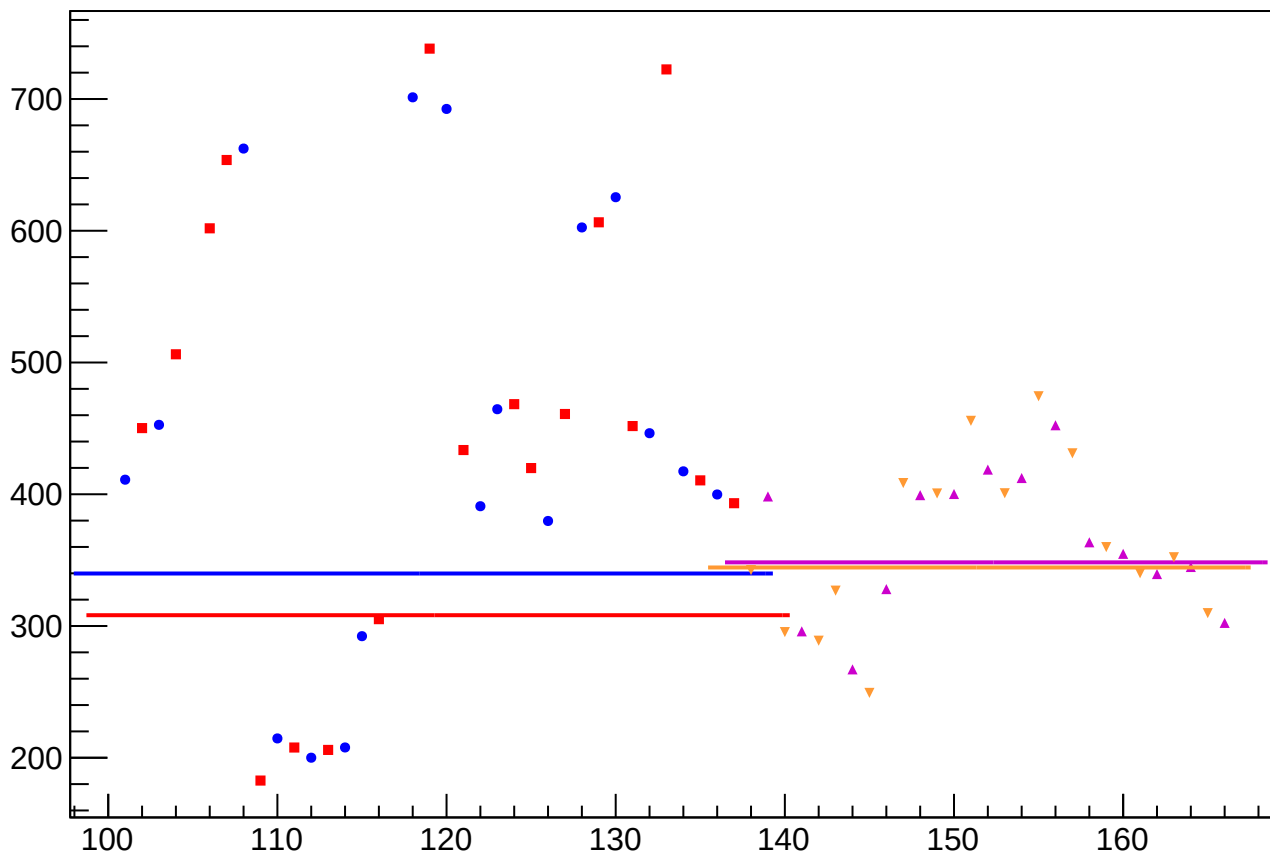
Right: -110.540 $\pm$ 96.143 χ^2/NDF : 32.4/34

In: 163.077 $\pm$ 85.470 χ^2/NDF : 36.3/30

Out: 270.192 $\pm$ 81.431 χ^2/NDF : 64.4/32

All: 219.226 $\pm$ 58.957 χ^2/NDF : 101.6/63

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 344.419 $\pm$ 0.074 χ^2/NDF : 694361.7/14

Right Out: 308.199 $\pm$ 0.092 χ^2/NDF : 2698828.8/17

Left In: 348.309 $\pm$ 0.075 χ^2/NDF : 494673.3/13

Left: 346.326 $\pm$ 0.053 χ^2/NDF : 1190392.9/28

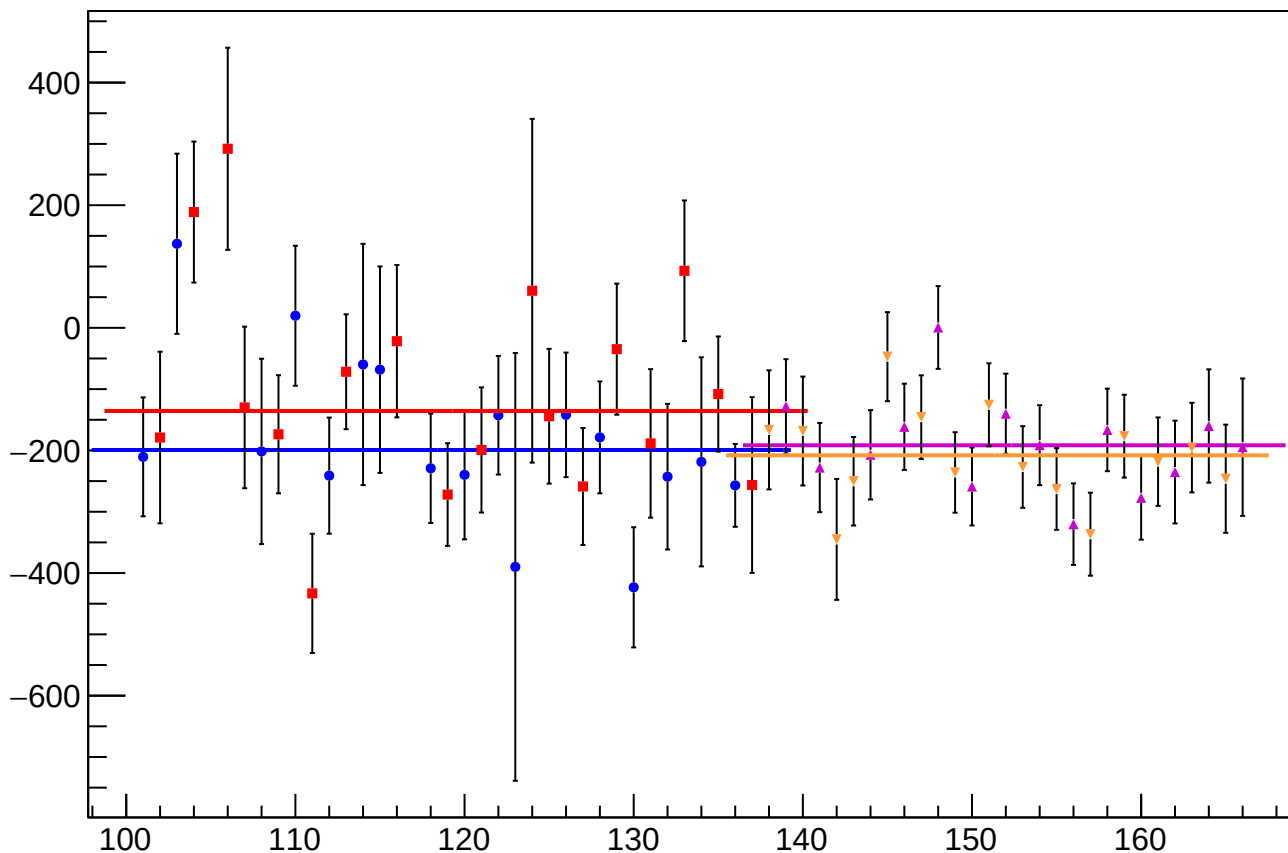
Right: 322.502 $\pm$ 0.068 χ^2/NDF : 4796037.7/34

In: 345.288 $\pm$ 0.060 χ^2/NDF : 2542694.3/30

Out: 330.178 $\pm$ 0.058 χ^2/NDF : 3487597.0/32

All: 337.368 $\pm$ 0.042 χ^2/NDF : 6063055.9/63

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -207.894 ± 18.969 $\chi^2/\text{NDF}: 14.9/14$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -191.597 ± 19.299 $\chi^2/\text{NDF}: 16.8/13$

Left: -199.886 ± 13.528 $\chi^2/\text{NDF}: 32.1/28$

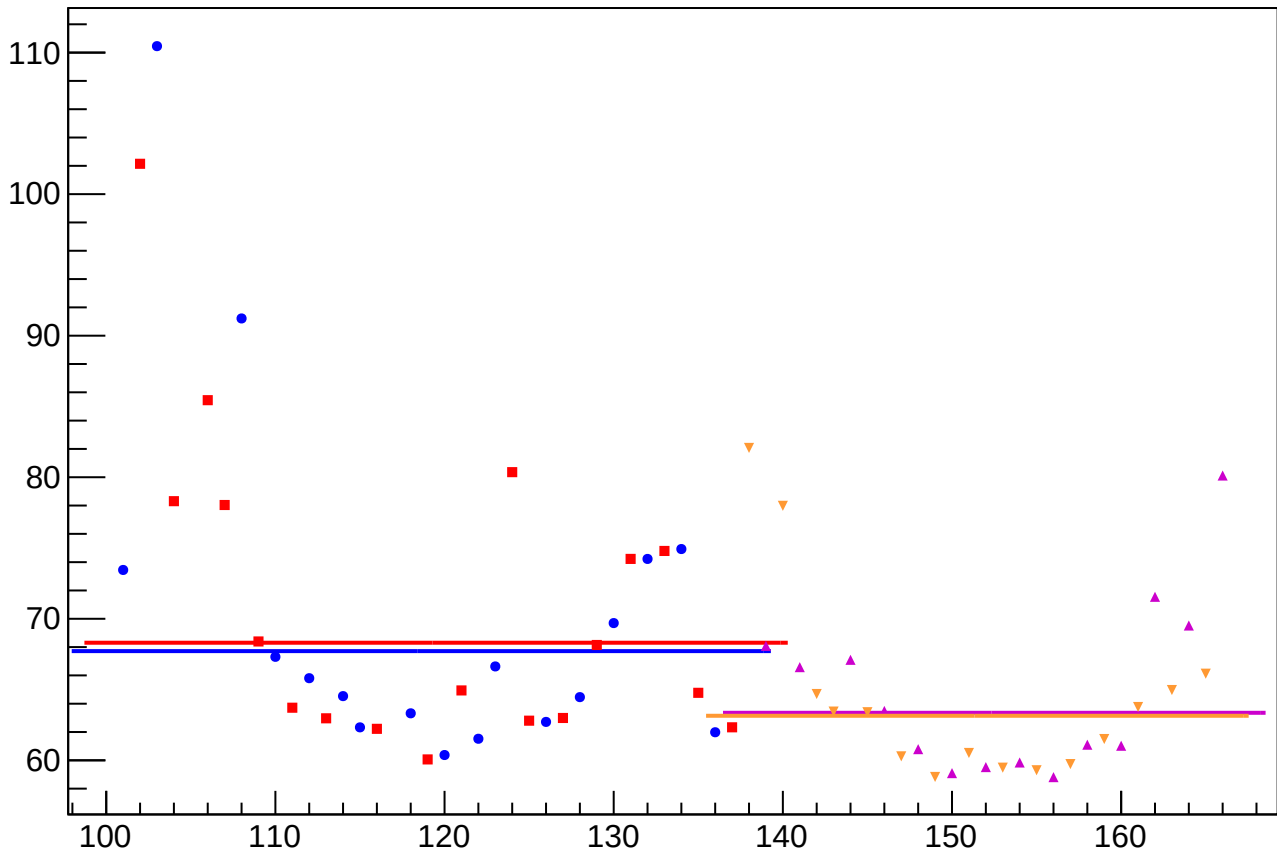
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -194.248 ± 15.604 $\chi^2/\text{NDF}: 34.5/30$

Out: -183.104 ± 15.375 $\chi^2/\text{NDF}: 56.5/32$

All: -188.594 ± 10.952 $\chi^2/\text{NDF}: 91.3/63$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.148 $\pm$ 0.013 χ^2 /NDF:170167.3/14

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.358 $\pm$ 0.014 χ^2 /NDF:128041.1/13

Left: 63.251 $\pm$ 0.010 χ^2 /NDF: 298329.1/28

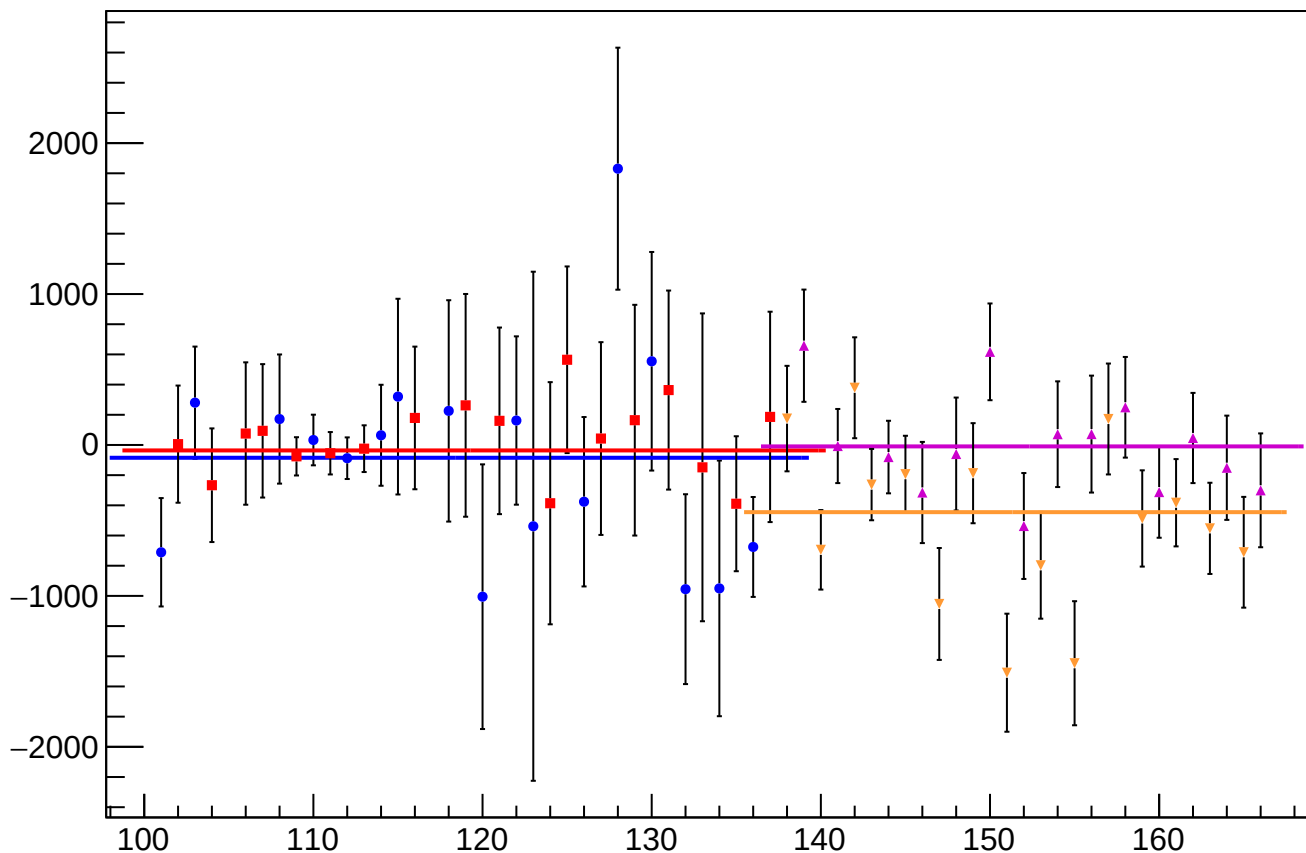
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 64.867 $\pm$ 0.011 χ^2 /NDF:446240.8/30

Out: 64.918 $\pm$ 0.011 χ^2 /NDF:455256.9/32

All: 64.893 $\pm$ 0.008 χ^2 /NDF: 901508.6/63

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -445.139 ± 81.838 $\chi^2/\text{NDF}: 32.9/14$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: -9.488 ± 85.634 $\chi^2/\text{NDF}: 12.7/13$

Left: -237.184 ± 59.164 $\chi^2/\text{NDF}: 59.1/28$

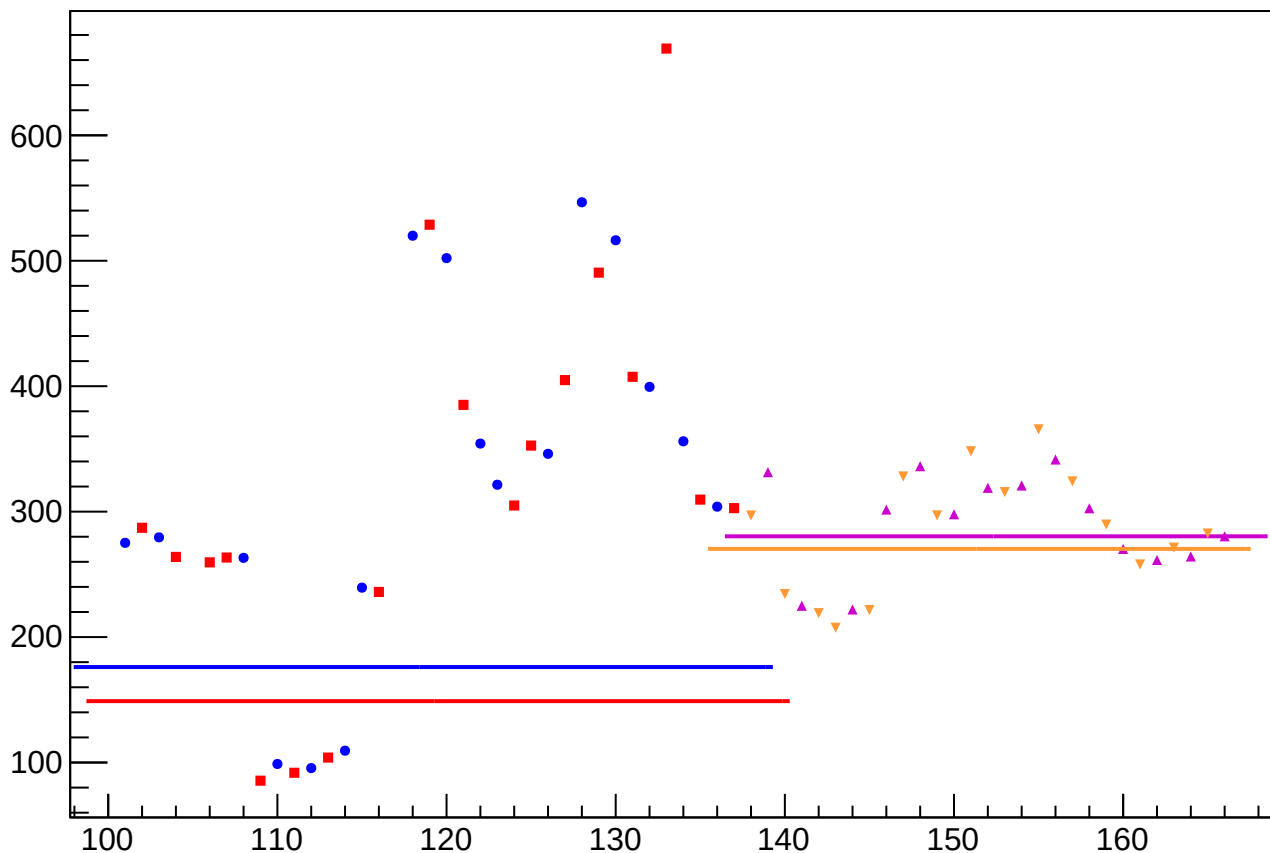
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -48.450 ± 59.476 $\chi^2/\text{NDF}: 33.0/30$

Out: -208.228 ± 53.085 $\chi^2/\text{NDF}: 50.8/32$

All: -137.381 ± 39.604 $\chi^2/\text{NDF}: 87.8/63$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.311+/-0.058 χ^2/NDF : 648082.8/14

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 280.333+/-0.061 χ^2/NDF : 440437.5/13

Left: 275.095+/-0.042 χ^2/NDF : 1102838.6/28

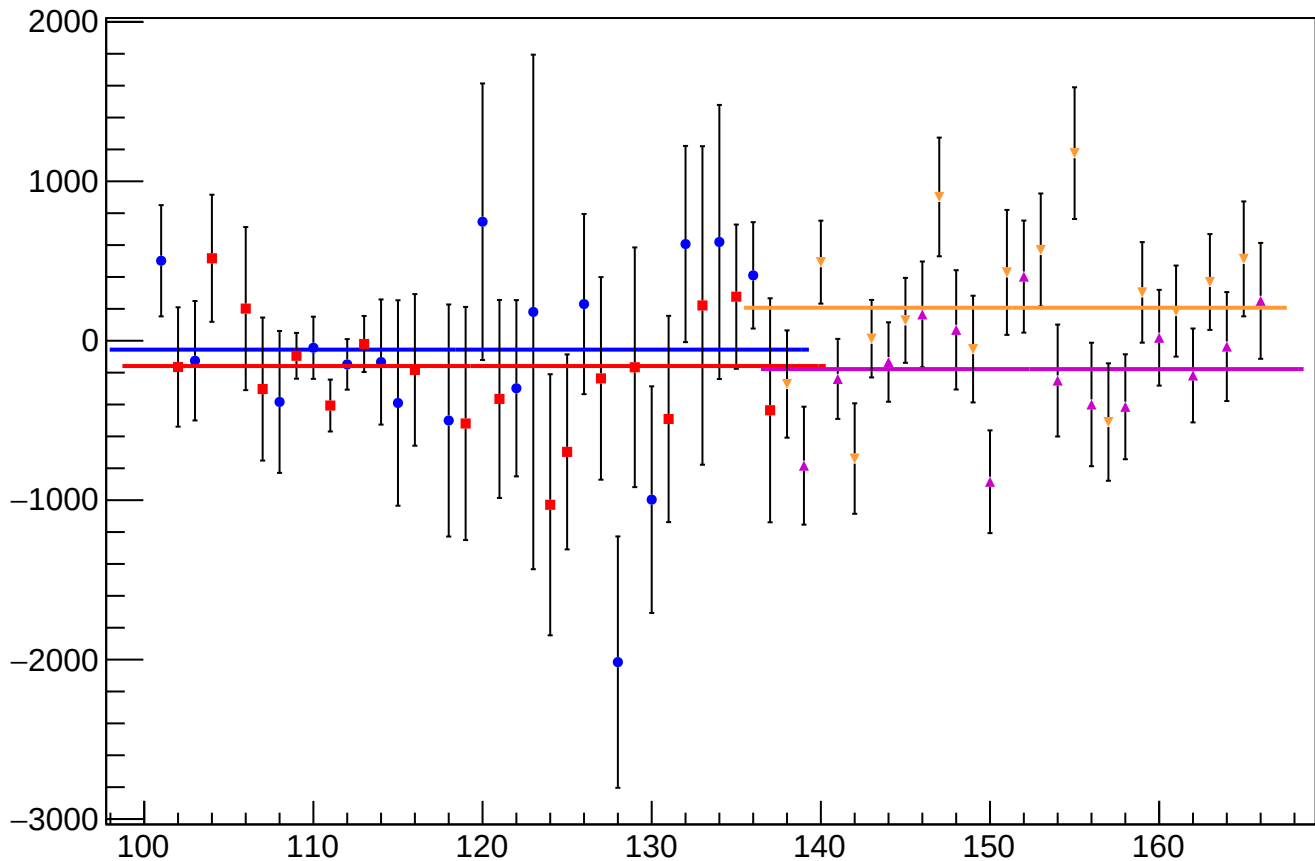
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 226.378+/-0.042 χ^2/NDF : 6197967.7/30

Out: 200.004+/-0.038 χ^2/NDF : 7967386.9/32

All: 211.698+/-0.028 χ^2/NDF : 14384260.6/63

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 207.026 ± 82.236 $\chi^2/\text{NDF}: 27.3/14$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -177.783 ± 85.746 $\chi^2/\text{NDF}: 14.7/13$

Left: 22.659 ± 59.352 $\chi^2/\text{NDF}: 52.5/28$

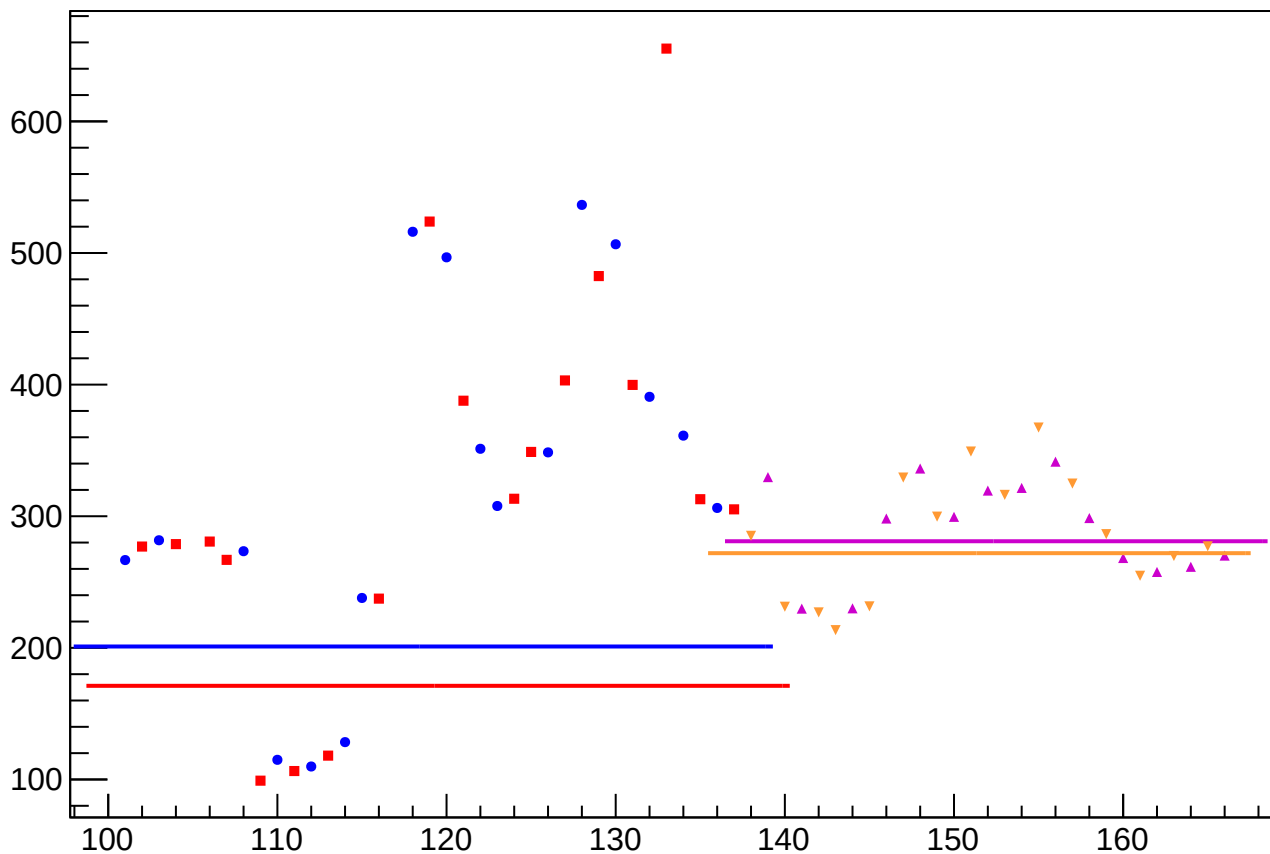
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -120.092 ± 62.268 $\chi^2/\text{NDF}: 32.8/30$

Out: 12.335 ± 56.235 $\chi^2/\text{NDF}: 48.2/32$

All: -47.154 ± 41.735 $\chi^2/\text{NDF}: 83.5/63$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 271.940 $\pm$ 0.058 χ^2 /NDF: 577737.4/14

Right Out: 171.159 $\pm$ 0.054 χ^2 /NDF: 4065598.7/17

Left In: 281.000 $\pm$ 0.061 χ^2 /NDF: 386836.0/13

Left: 276.281 $\pm$ 0.042 χ^2 /NDF: 976205.1/28

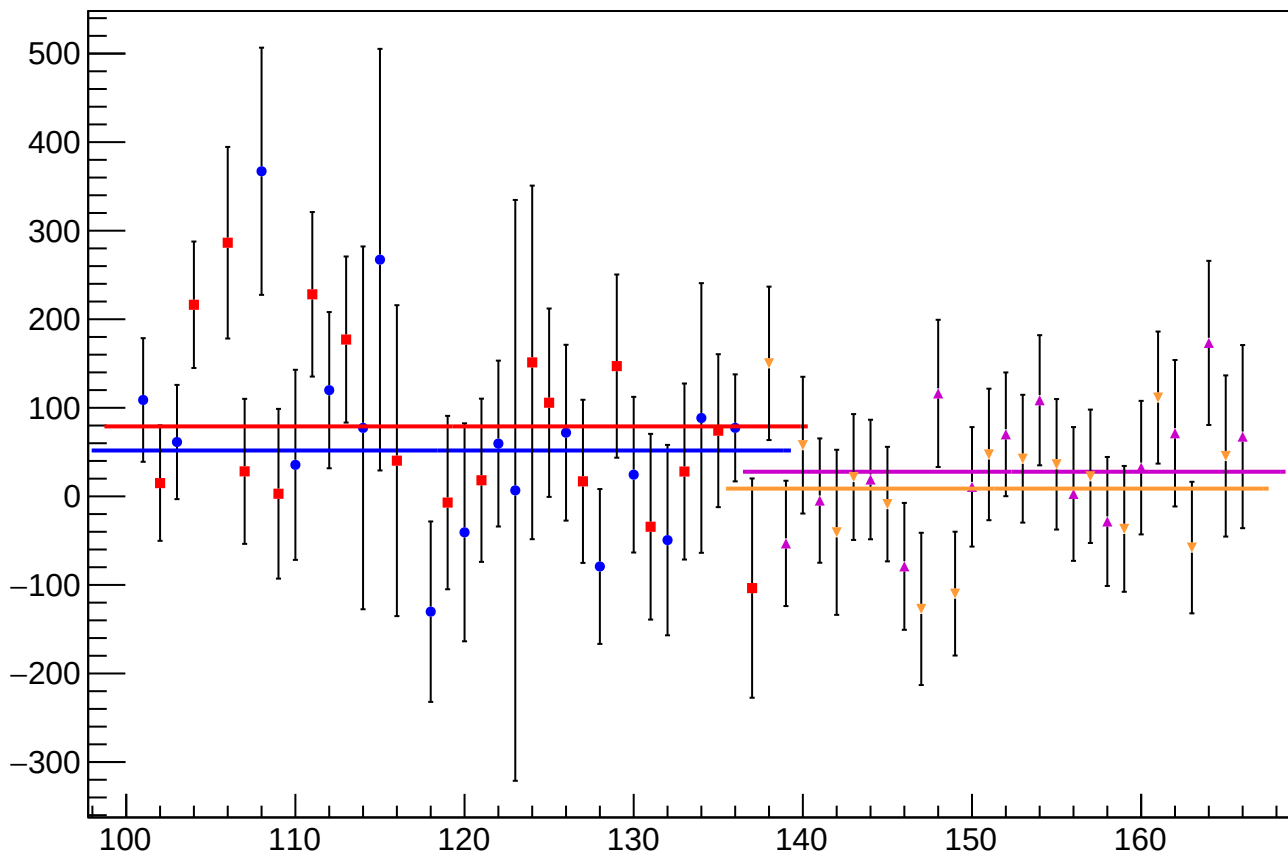
Right: 183.707 $\pm$ 0.042 χ^2 /NDF: 7624855.0/34

In: 243.205 $\pm$ 0.044 χ^2 /NDF: 4641968.8/30

Out: 218.286 $\pm$ 0.040 χ^2 /NDF: 6242473.2/32

All: 229.481 $\pm$ 0.030 χ^2 /NDF: 11060858.8/63

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: 8.762 $\pm$ 19.586 χ^2 /NDF:12.8/14

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 27.802 $\pm$ 20.132 χ^2 /NDF:10.1/13

Left: 18.020 $\pm$ 14.038 χ^2 /NDF: 23.4/28

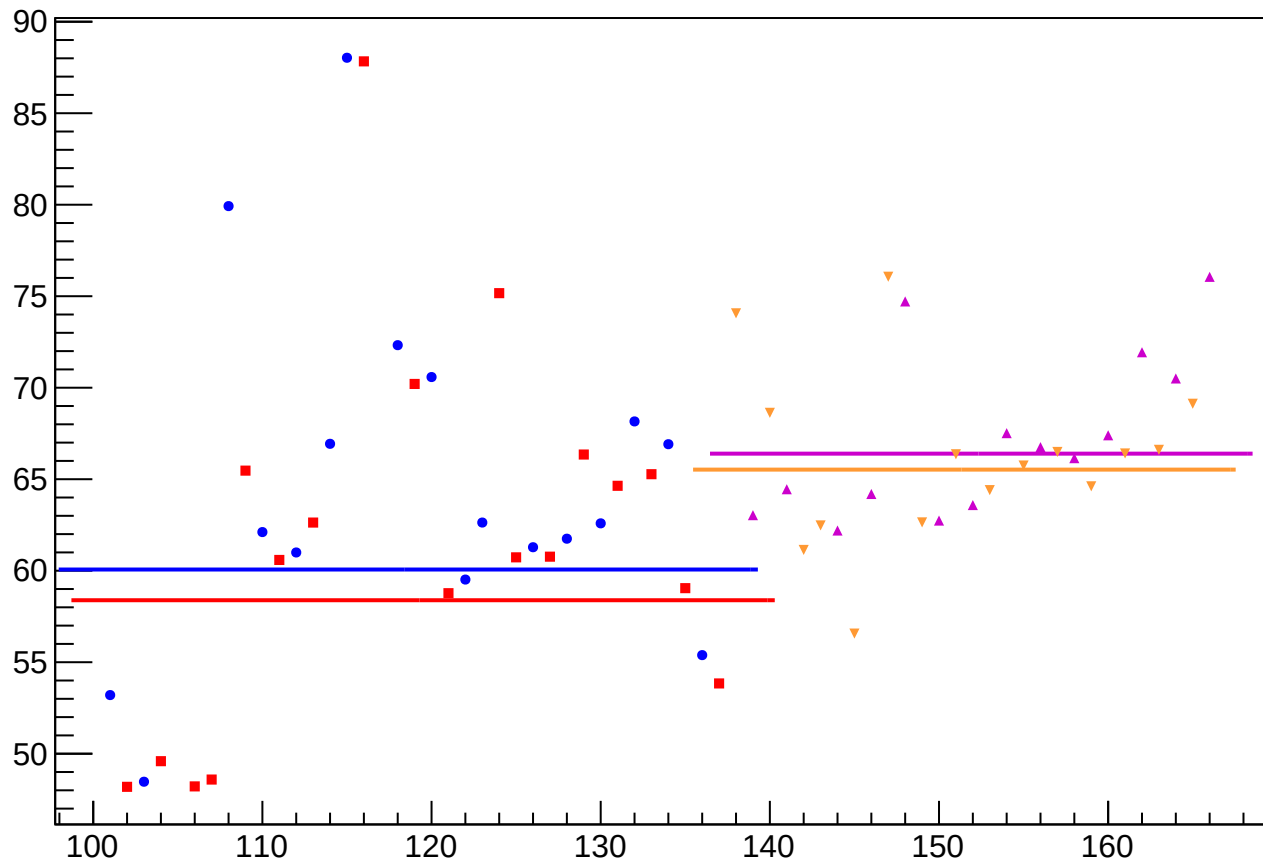
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 37.940 $\pm$ 15.299 χ^2 /NDF:25.3/30

Out: 39.045 $\pm$ 14.773 χ^2 /NDF:37.3/32

All: 38.512 $\pm$ 10.627 χ^2 /NDF: 62.6/63

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: 65.525 $\pm$ 0.014 χ^2 /NDF: 107901.3/14

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.397 $\pm$ 0.014 χ^2 /NDF: 76081.3/13

Left: 65.949 $\pm$ 0.010 χ^2 /NDF: 185912.2/28

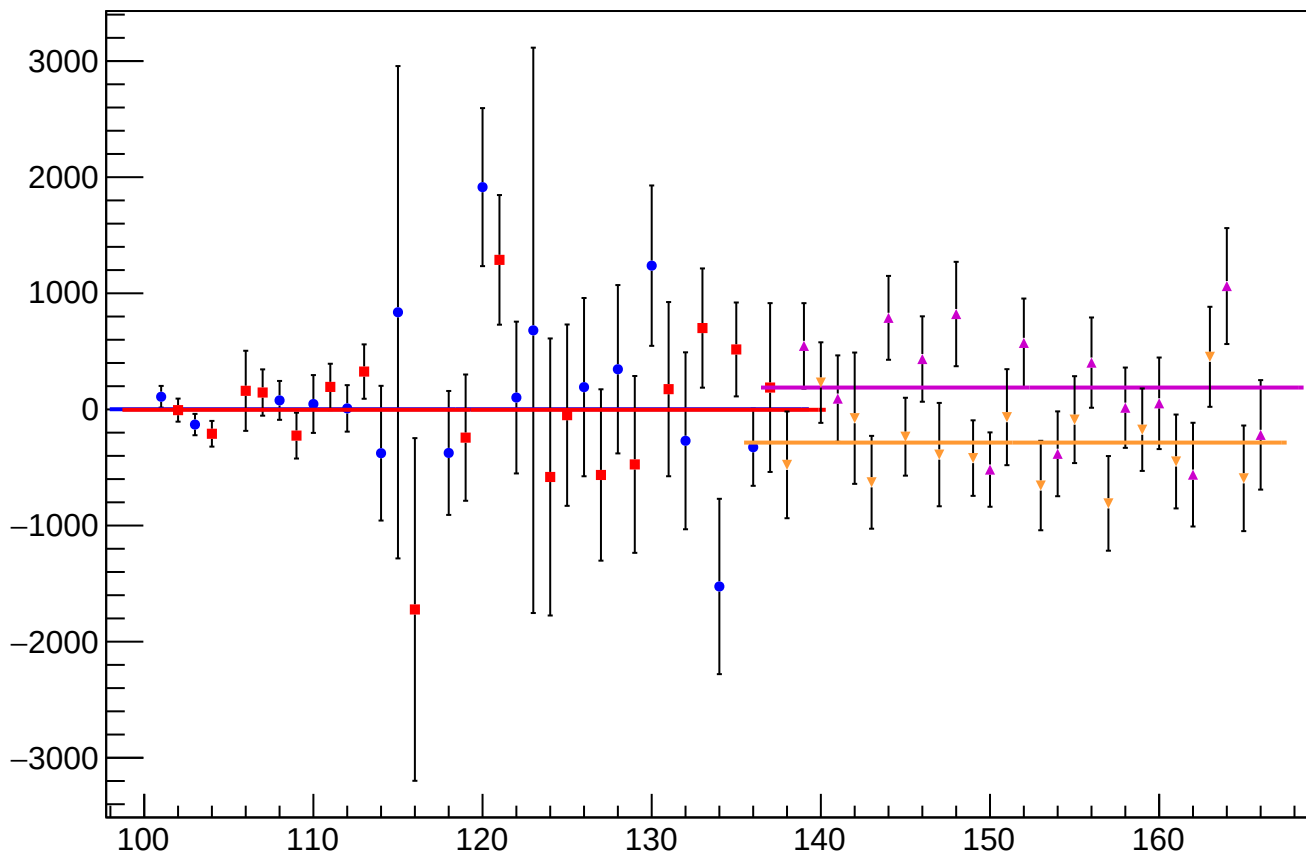
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.722 $\pm$ 0.011 χ^2 /NDF: 388762.5/30

Out: 62.448 $\pm$ 0.010 χ^2 /NDF: 497432.1/32

All: 63.063 $\pm$ 0.008 χ^2 /NDF: 893377.4/63

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -285.632 ± 102.140 χ^2/NDF : 10.3/14

Right Out: -3.242 ± 56.611 χ^2/NDF : 20.2/17

Left In: 188.359 ± 103.341 χ^2/NDF : 21.8/13

Left: -51.407 ± 72.645 χ^2/NDF : 42.8/28

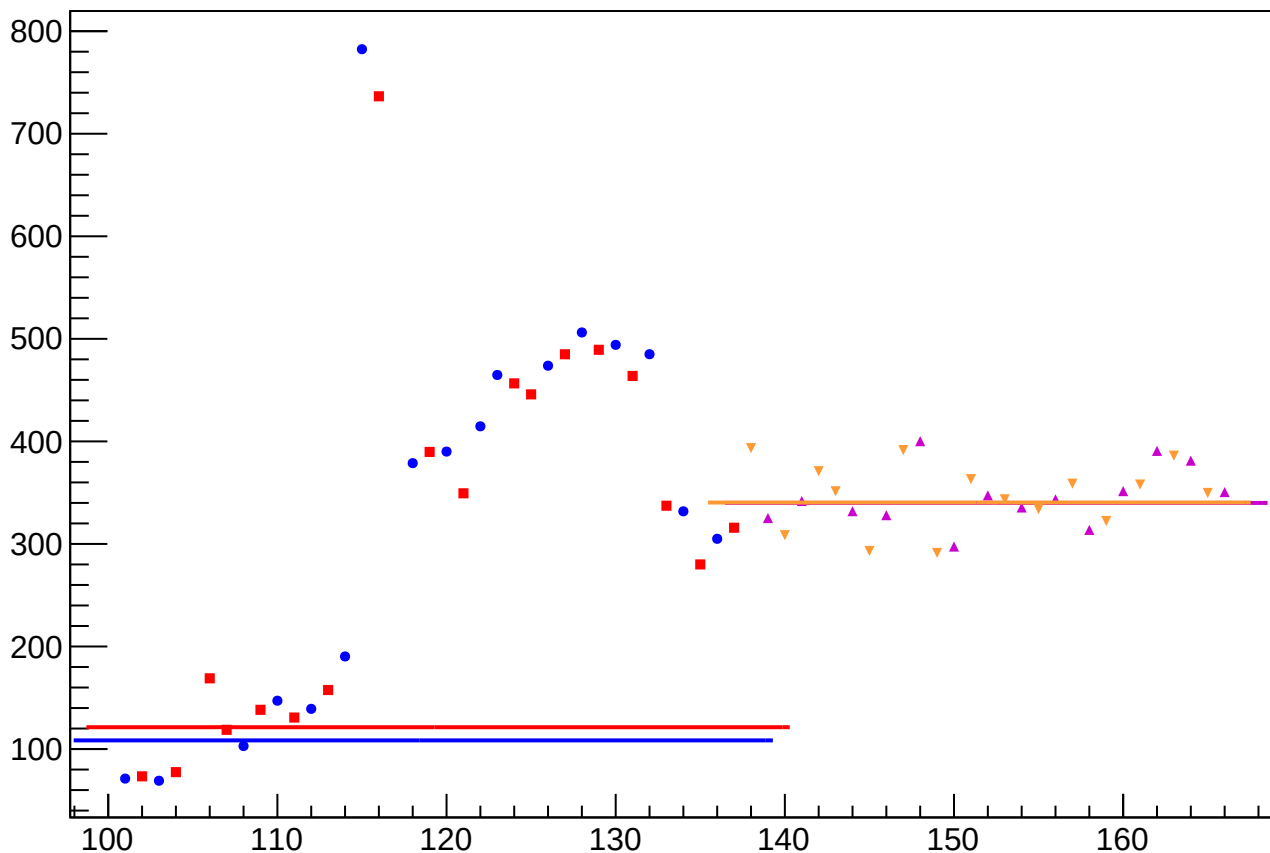
Right: -0.730 ± 39.182 χ^2/NDF : 41.6/34

In: 41.973 ± 48.057 χ^2/NDF : 45.8/30

Out: -69.605 ± 49.515 χ^2/NDF : 36.4/32

All: -12.150 ± 34.485 χ^2/NDF : 84.8/63

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 340.383+/-0.072 χ^2/NDF : 205788.3/14

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 340.000+/-0.073 χ^2/NDF : 132459.1/13

Left: 340.193+/-0.051 χ^2/NDF : 338261.3/28

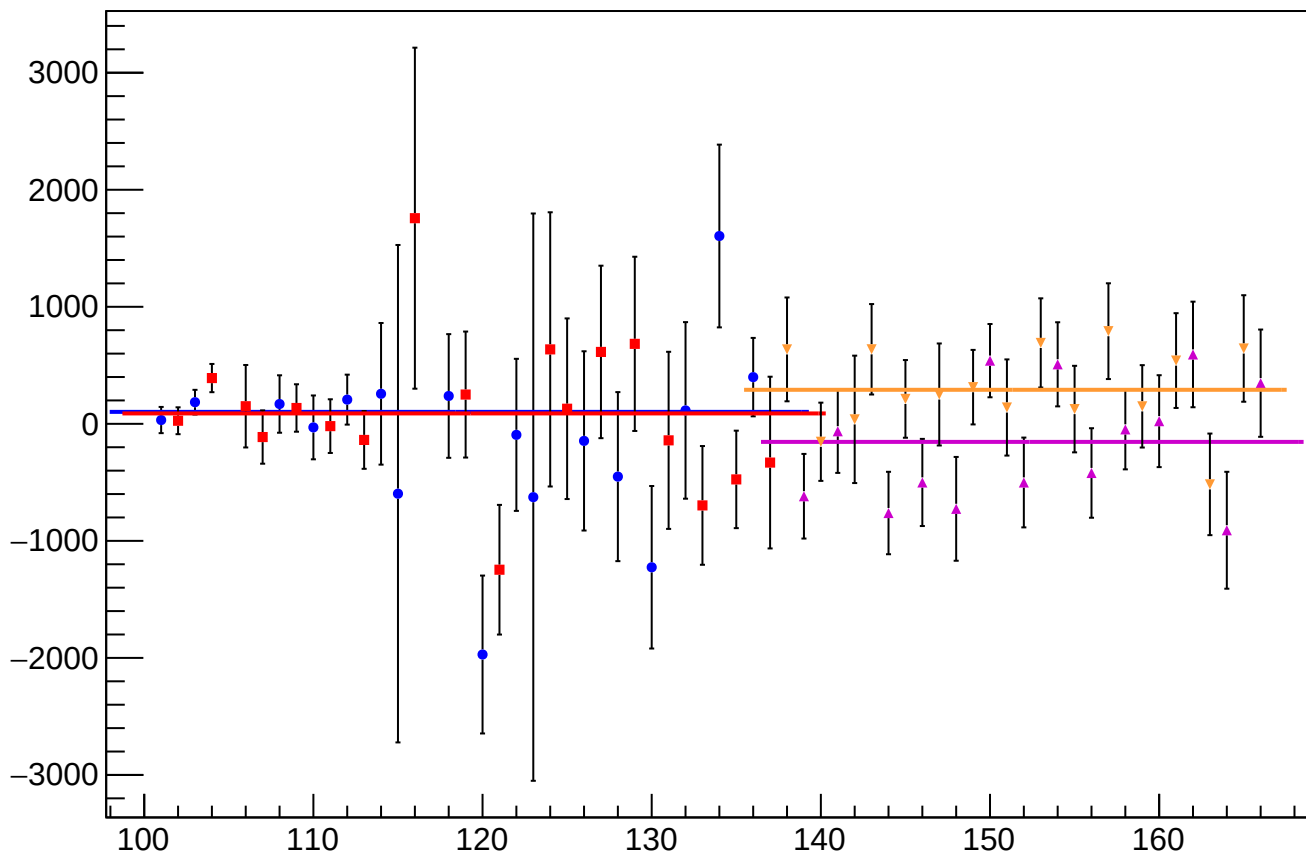
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 158.520+/-0.034 χ^2/NDF : 13406340.2/30

Out: 172.788+/-0.035 χ^2/NDF : 11976177.1/32

All: 165.441+/-0.024 χ^2/NDF : 25468025.0/63

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 290.803 $\pm$ 100.644 χ^2 /NDF:11.0/14

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -154.292 $\pm$ 101.939 χ^2 /NDF:23.4/13

Left: 71.100 $\pm$ 71.620 χ^2 /NDF: 44.0/28

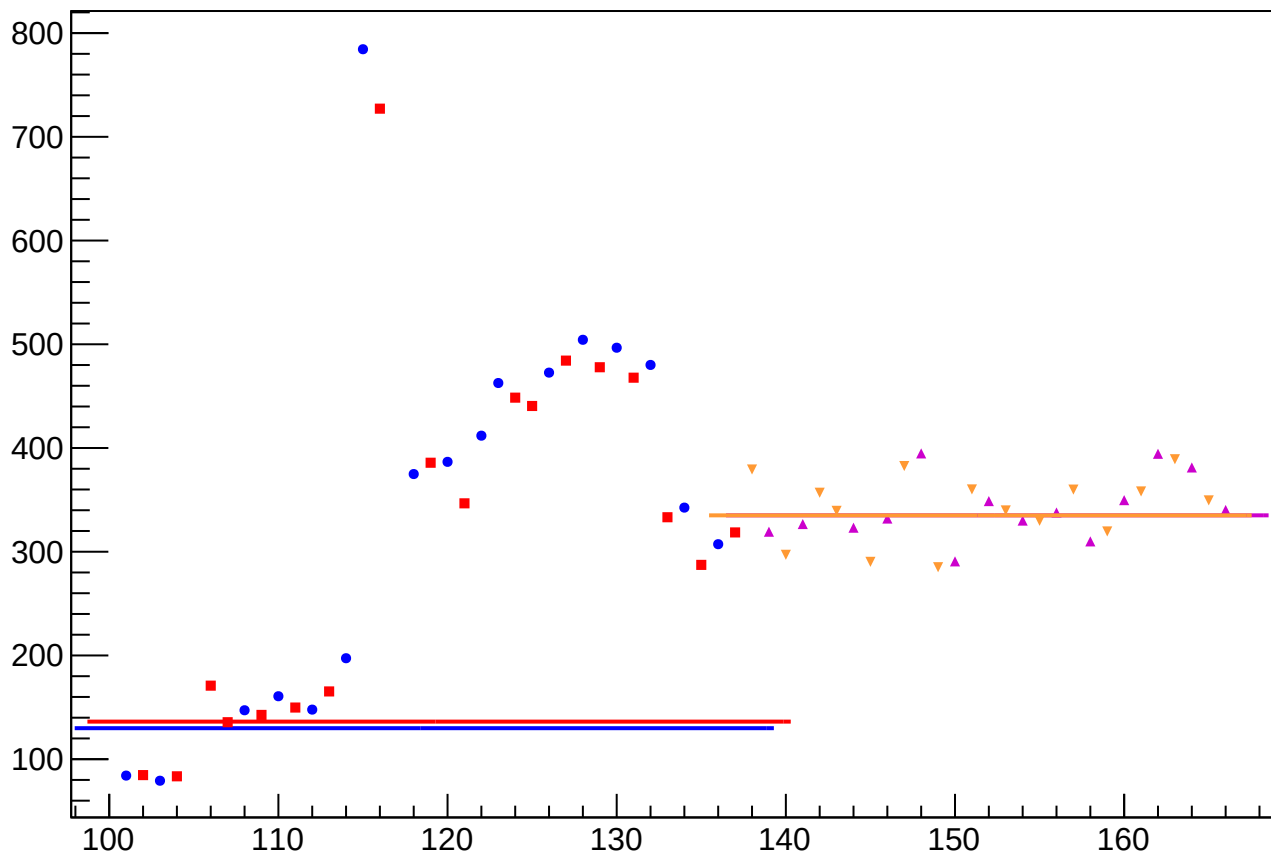
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 31.118 $\pm$ 53.670 χ^2 /NDF:48.2/30

Out: 144.699 $\pm$ 52.930 χ^2 /NDF:35.7/32

All: 88.697 $\pm$ 37.686 χ^2 /NDF: 86.1/63

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 335.074 $\pm$ 0.071 χ^2 /NDF: 217751.1/14

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 335.087 $\pm$ 0.072 χ^2 /NDF: 152413.1/13

Left: 335.080 $\pm$ 0.051 χ^2 /NDF: 370164.3/28

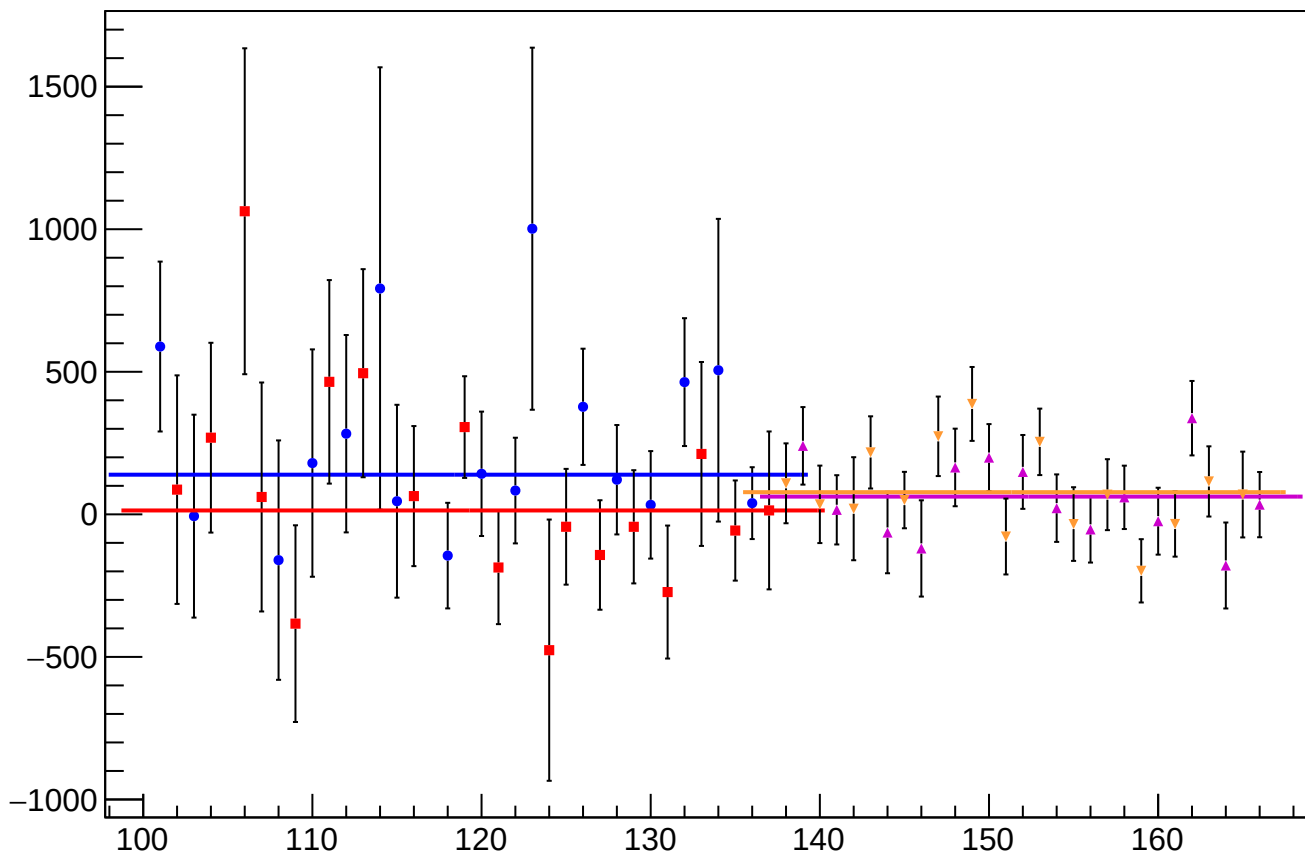
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 186.764 $\pm$ 0.038 χ^2 /NDF: 10839783.8/30

Out: 191.222 $\pm$ 0.037 χ^2 /NDF: 10148499.2/32

All: 189.024 $\pm$ 0.027 χ^2 /NDF: 20995279.0/63

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: 77.807 $\pm$ 32.729 χ^2/NDF :20.9/14

Right Out: 13.637 $\pm$ 60.127 χ^2/NDF : 16.4/17

Left In: 62.238 $\pm$ 33.901 χ^2/NDF :14.9/13

Left: 70.296 $\pm$ 23.547 χ^2/NDF : 35.8/28

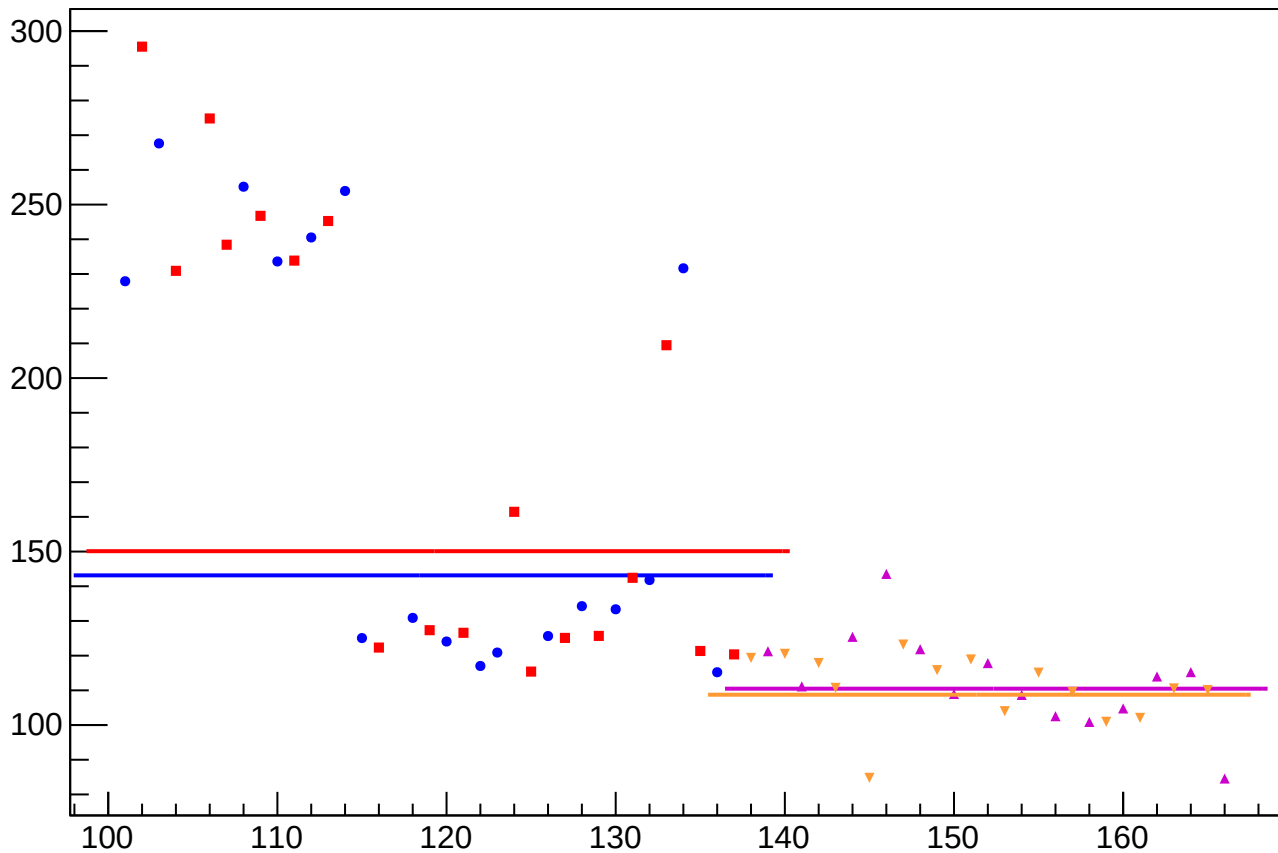
Right: 78.643 $\pm$ 41.737 χ^2/NDF : 31.8/34

In: 81.818 $\pm$ 29.266 χ^2/NDF :29.3/30

Out: 63.140 $\pm$ 28.746 χ^2/NDF :38.2/32

All: 72.312 $\pm$ 20.508 χ^2/NDF : 67.6/63

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 108.740 $\pm$ 0.023 χ^2 /NDF:214033.5/14

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 110.479 $\pm$ 0.024 χ^2 /NDF:267426.6/13

Left: 109.579 $\pm$ 0.017 χ^2 /NDF: 484184.8/28

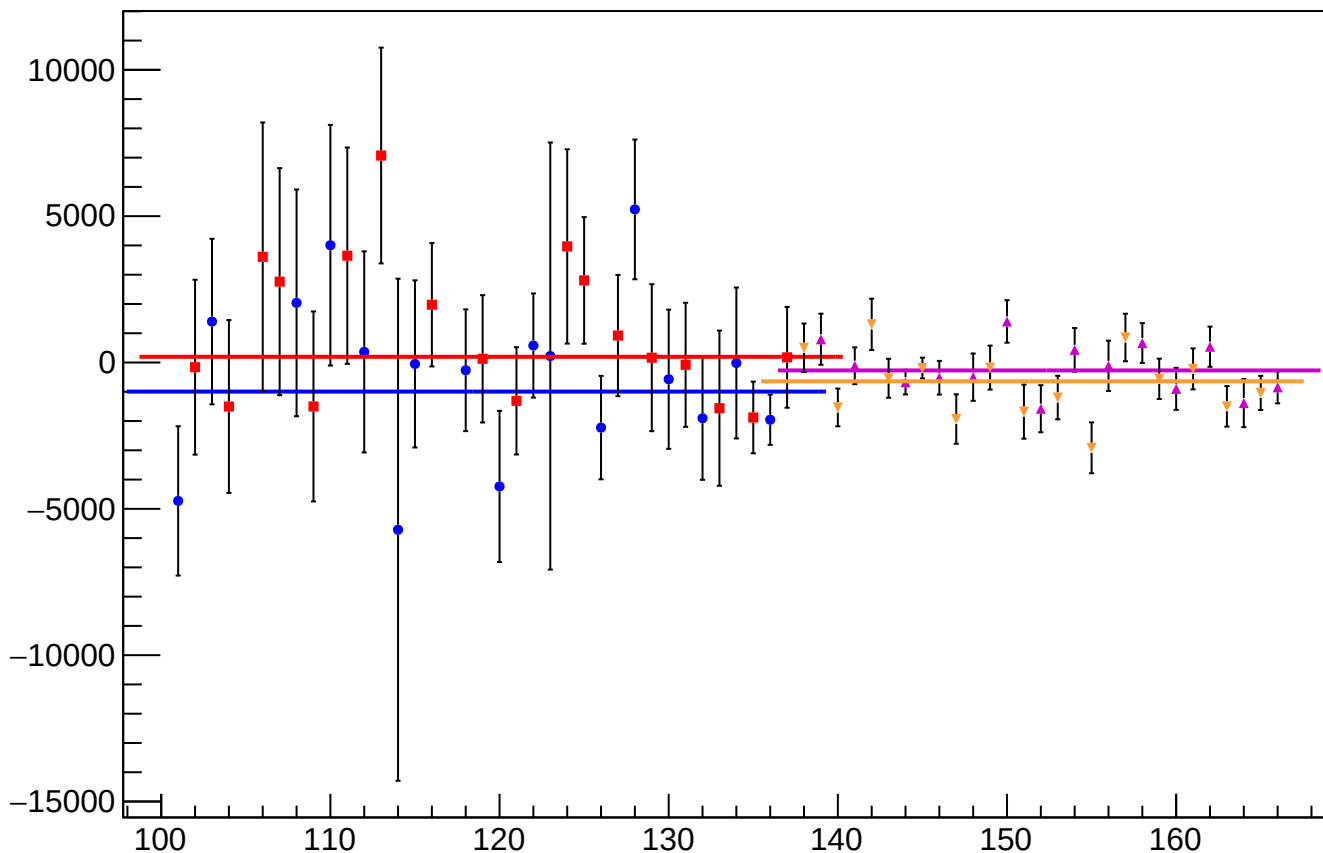
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 118.800 $\pm$ 0.021 χ^2 /NDF:1841610.5/30

Out: 118.196 $\pm$ 0.020 χ^2 /NDF:2277168.8/32

All: 118.492 $\pm$ 0.015 χ^2 /NDF: 4119213.1/63

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -640.777+/-172.568 χ^2/NDF : 27.6/14

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -270.811+/-177.707 χ^2/NDF : 18.6/13

Left: -461.220+/-123.801 χ^2/NDF : 48.4/28

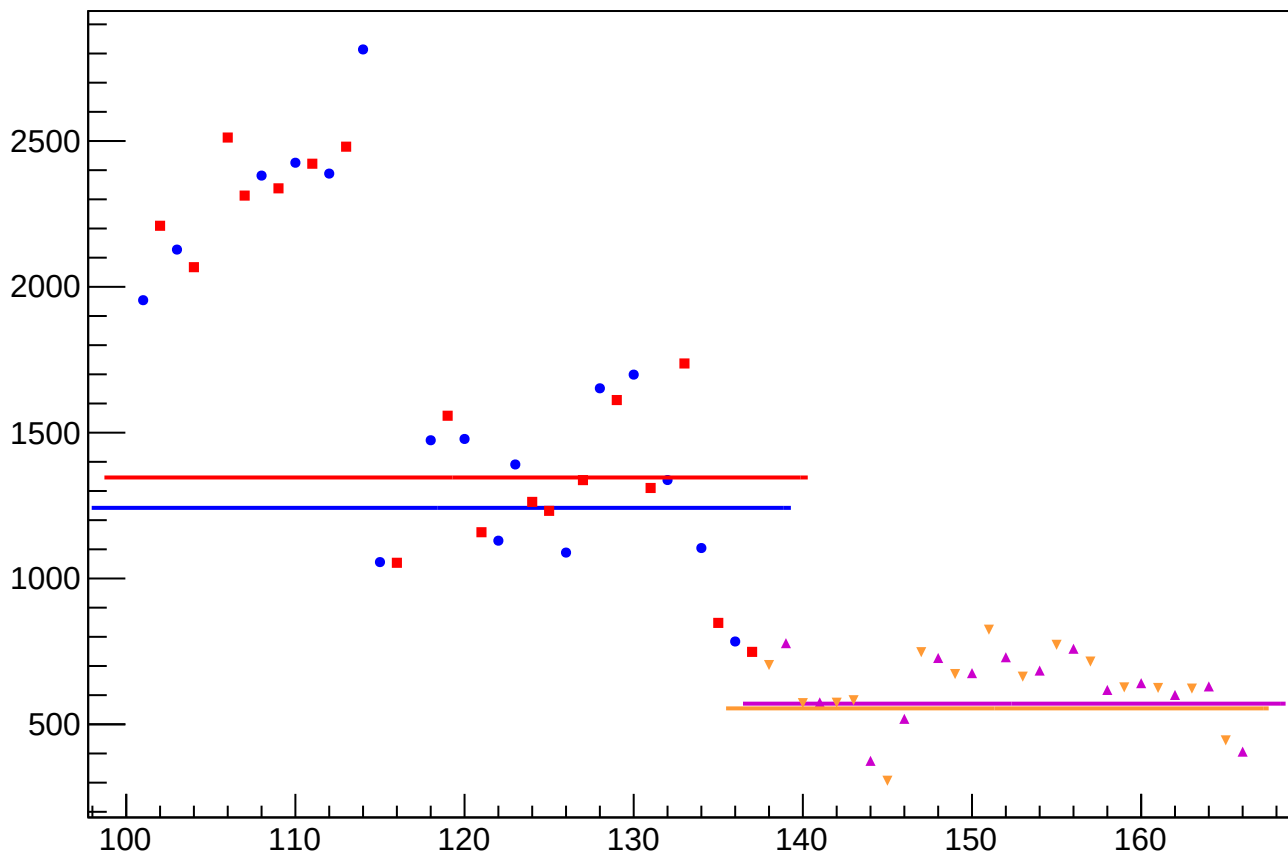
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -347.346+/-168.038 χ^2/NDF : 37.3/30

Out: -564.312+/-164.486 χ^2/NDF : 43.3/32

All: -458.146+/-117.545 χ^2/NDF : 81.4/63

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: 554.632 $\pm$ 0.122 χ^2 /NDF: 1757188.7/14

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 570.851 $\pm$ 0.126 χ^2 /NDF: 1124349.9/13

Left: 562.504 $\pm$ 0.088 χ^2 /NDF: 2890112.0/28

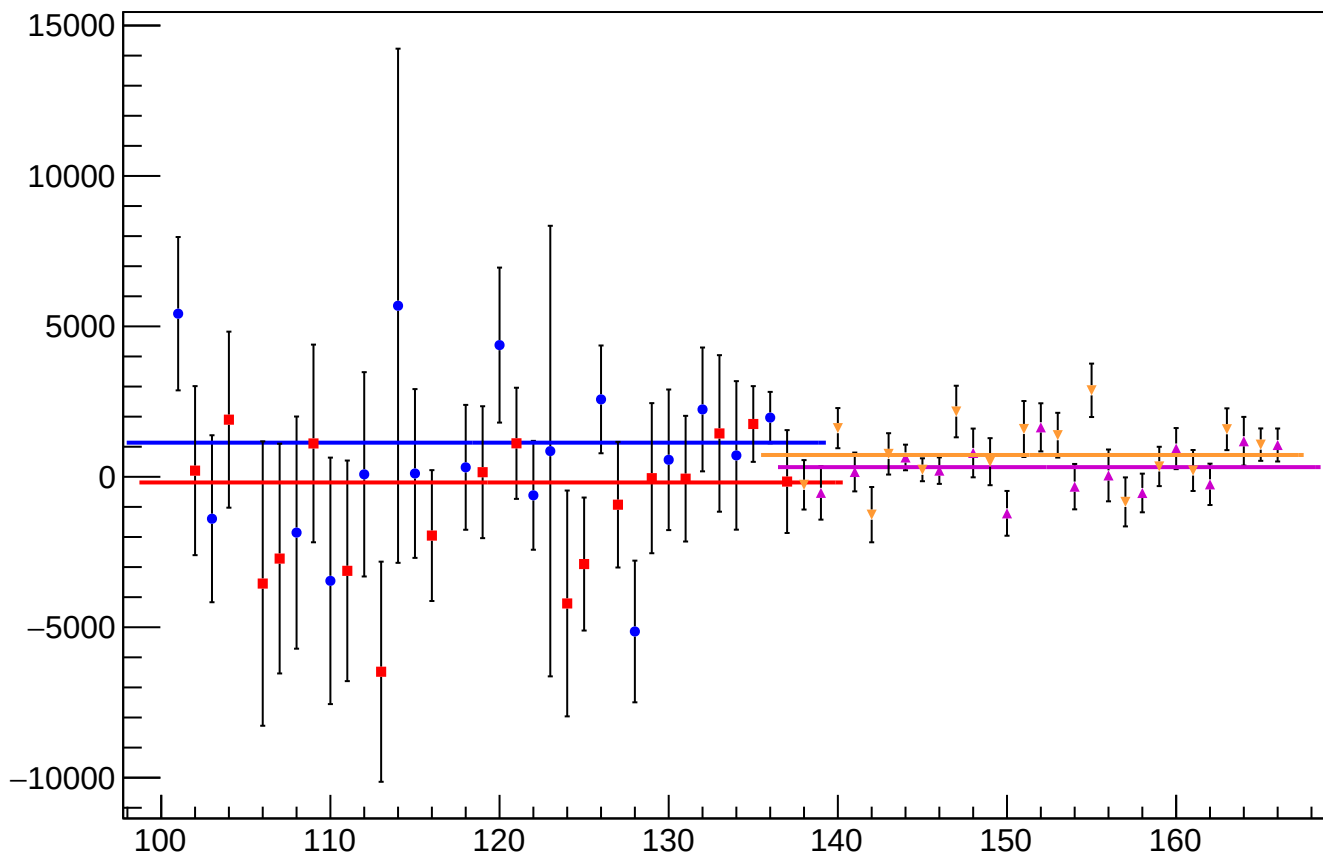
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 641.917 $\pm$ 0.119 χ^2 /NDF: 5913239.2/30

Out: 627.061 $\pm$ 0.116 χ^2 /NDF: 7417403.7/32

All: 634.330 $\pm$ 0.083 χ^2 /NDF: 13338626.5/63

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 725.700 $\pm$ 174.921 χ^2 /NDF:26.5/14

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 322.118 $\pm$ 171.828 χ^2 /NDF:16.0/13

Left: 520.309 $\pm$ 122.580 χ^2 /NDF: 45.2/28

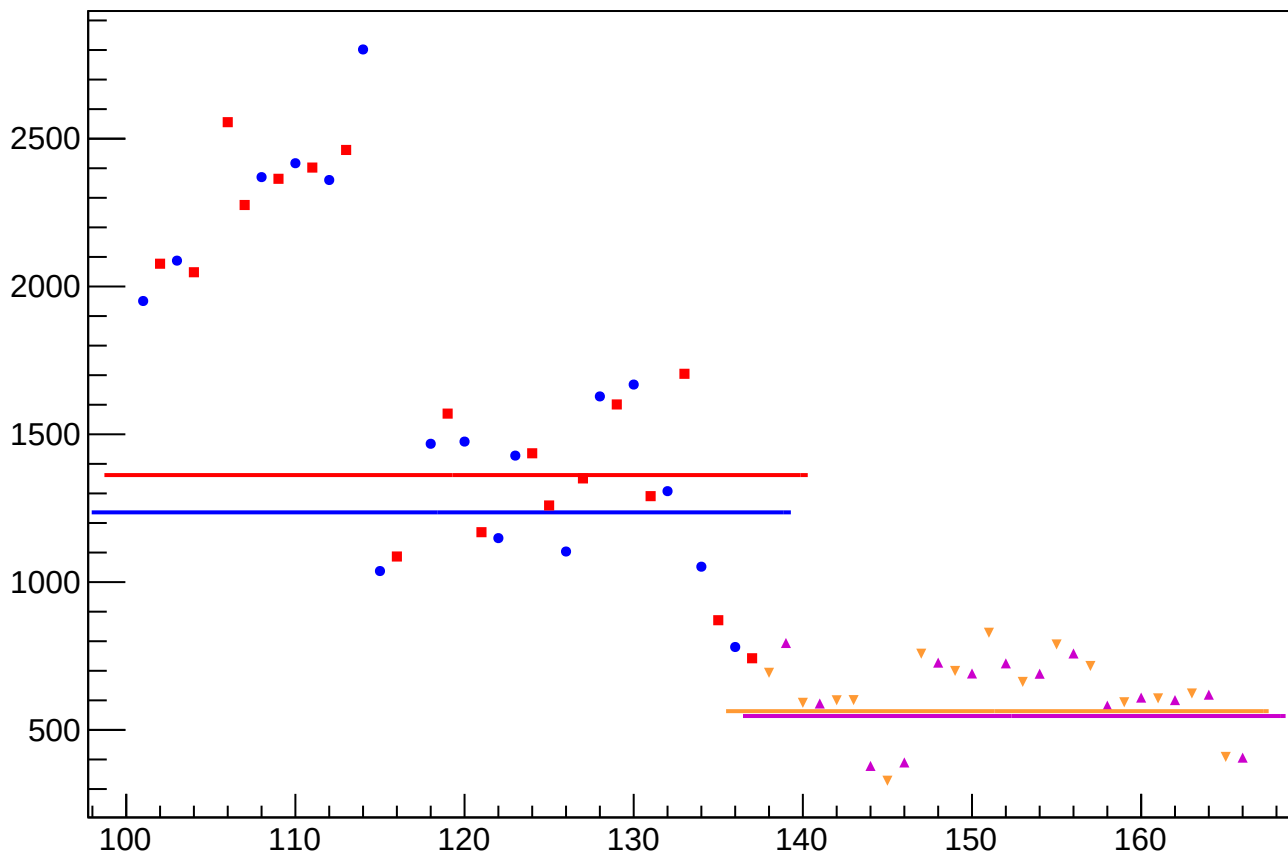
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 403.917 $\pm$ 162.956 χ^2 /NDF:36.1/30

Out: 641.312 $\pm$ 166.643 χ^2 /NDF:41.0/32

All: 519.959 $\pm$ 116.509 χ^2 /NDF: 78.1/63

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 563.446 $\pm$ 0.124 χ^2 /NDF: 1579583.5/14

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 546.996 $\pm$ 0.122 χ^2 /NDF: 1380045.7/13

Left: 555.074 $\pm$ 0.087 χ^2 /NDF: 2968630.7/28

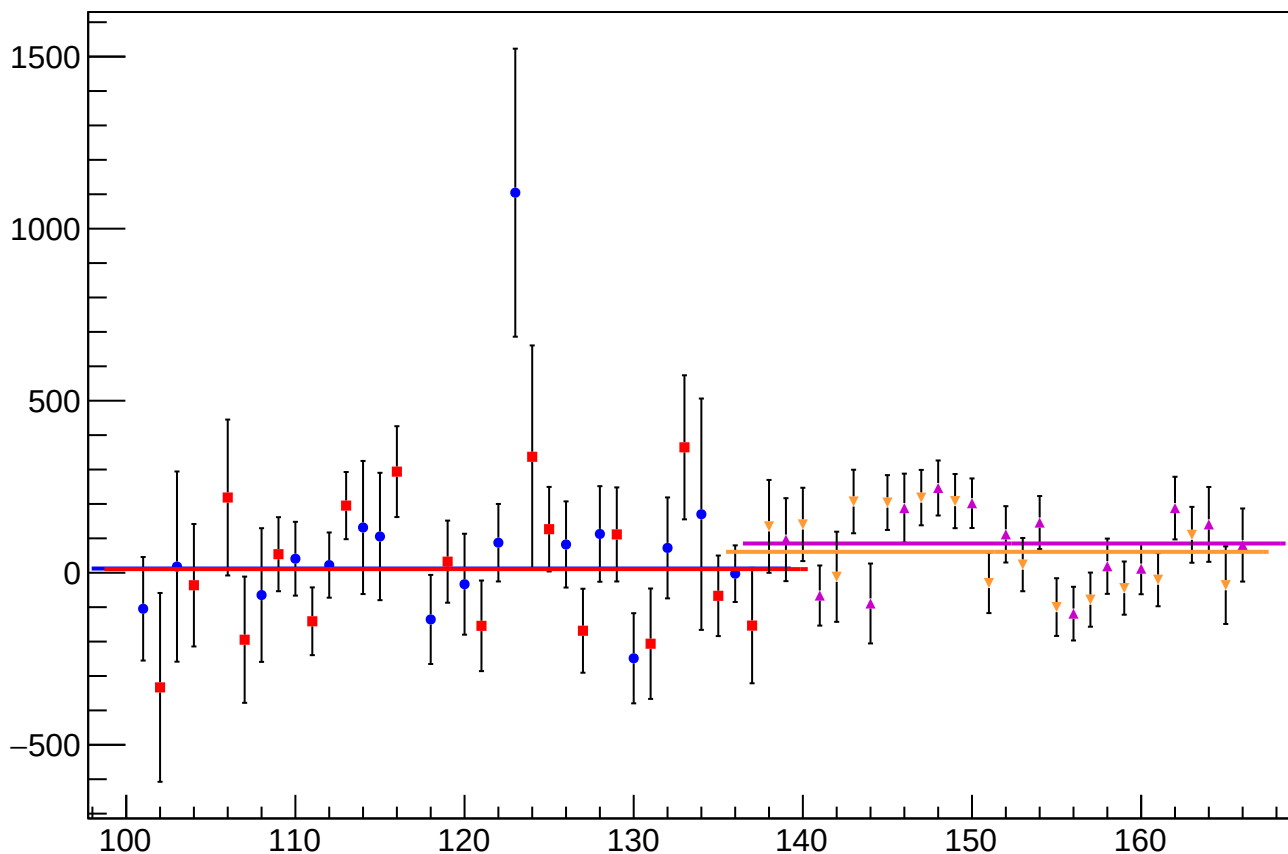
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 616.304 $\pm$ 0.115 χ^2 /NDF: 6360288.5/30

Out: 637.248 $\pm$ 0.118 χ^2 /NDF: 7141537.6/32

All: 626.542 $\pm$ 0.082 χ^2 /NDF: 13517974.2/63

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 60.842 $\pm$ 22.594 χ^2 /NDF:26.4/14

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 85.044 $\pm$ 23.344 χ^2 /NDF:23.8/13

Left: 72.548 $\pm$ 16.235 χ^2 /NDF: 50.7/28

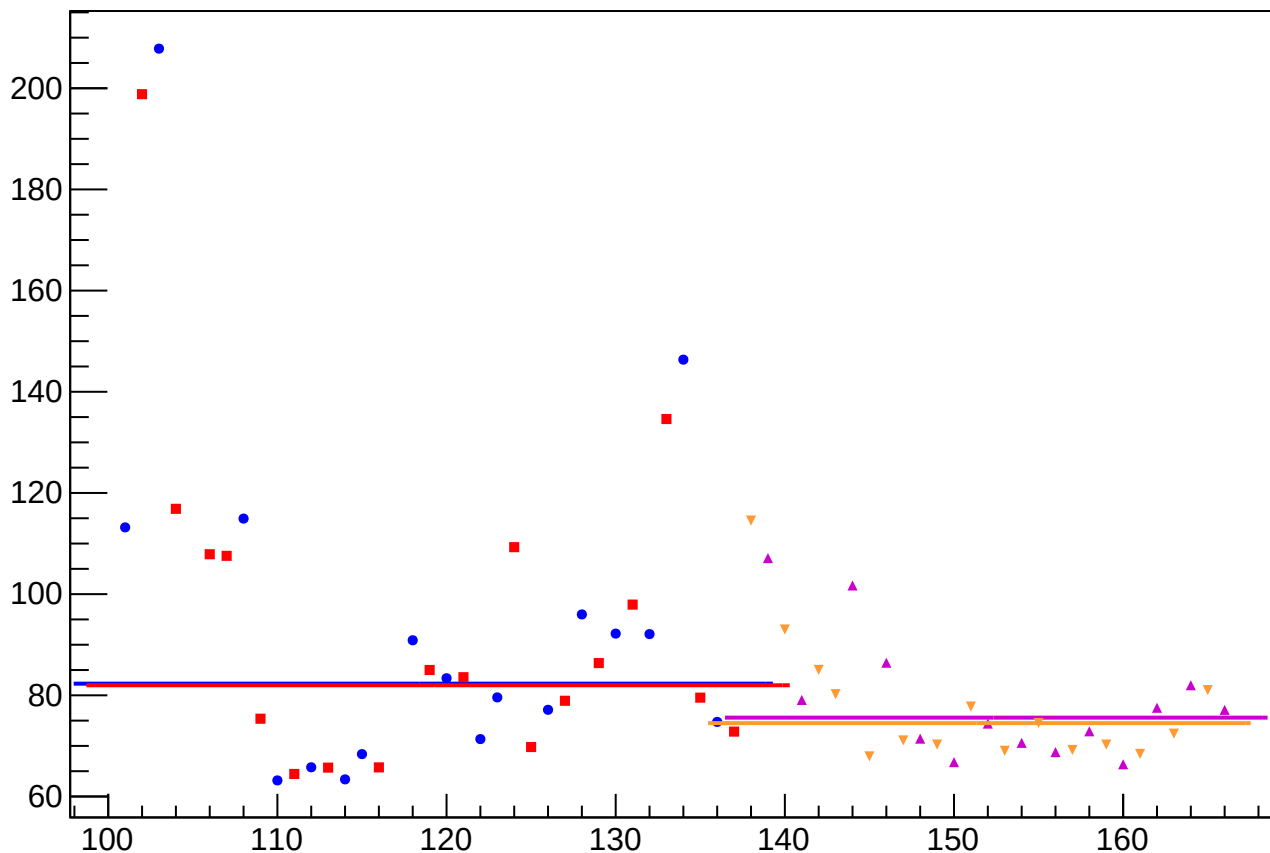
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 61.007 $\pm$ 19.101 χ^2 /NDF:42.3/30

Out: 44.541 $\pm$ 18.571 χ^2 /NDF:54.8/32

All: 52.542 $\pm$ 13.315 χ^2 /NDF: 97.5/63

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 74.502+/-0.016 χ^2/NDF : 328341.9/14

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 75.588+/-0.017 χ^2/NDF : 365448.4/13

Left: 75.027+/-0.011 χ^2/NDF : 696024.5/28

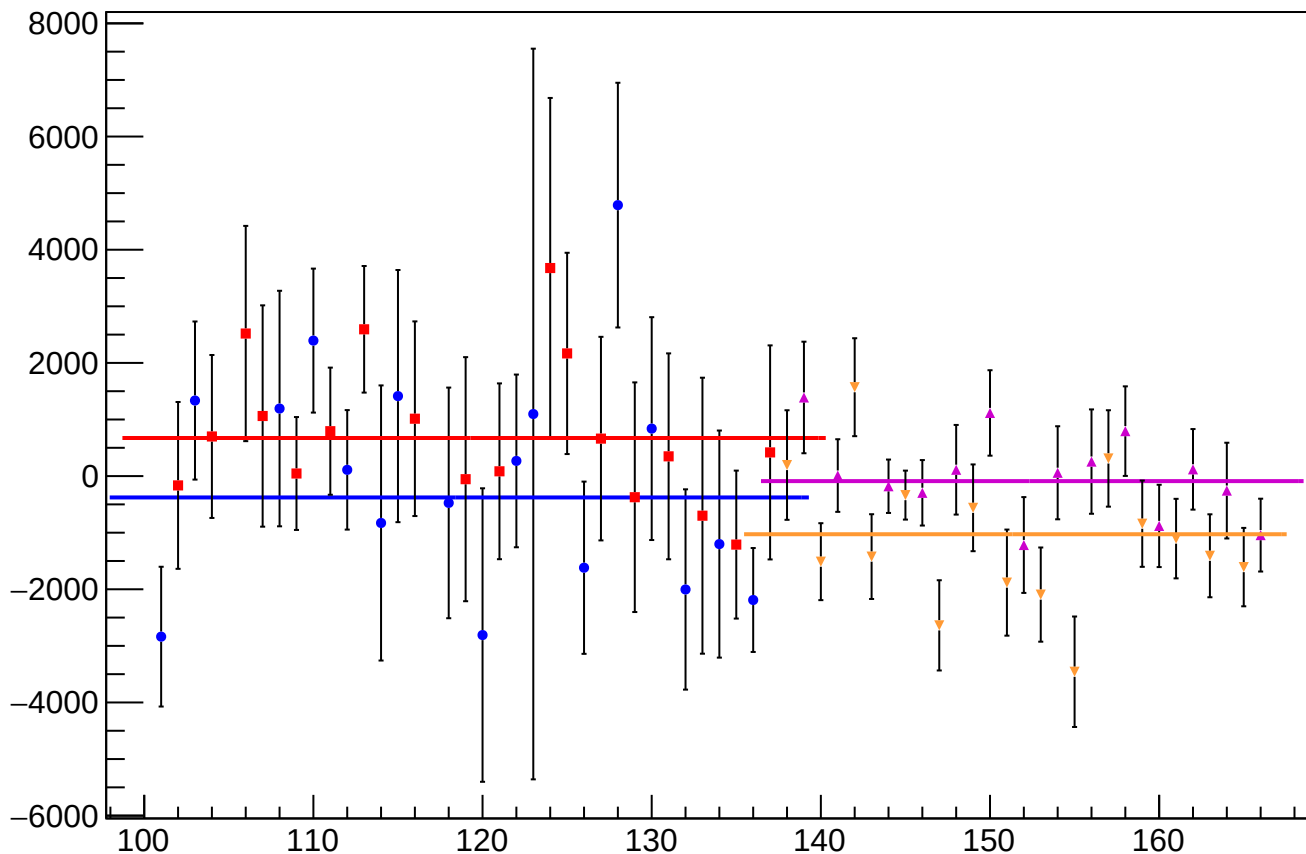
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 77.808+/-0.014 χ^2/NDF : 1288928.7/30

Out: 76.930+/-0.013 χ^2/NDF : 1252772.5/32

All: 77.357+/-0.009 χ^2/NDF : 2543871.9/63

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: -1027.270 ± 190.112 $\chi^2/\text{NDF}: 30.6/14$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: -88.624 ± 190.304 $\chi^2/\text{NDF}: 11.8/13$

Left: -558.421 ± 134.497 $\chi^2/\text{NDF}: 54.5/28$

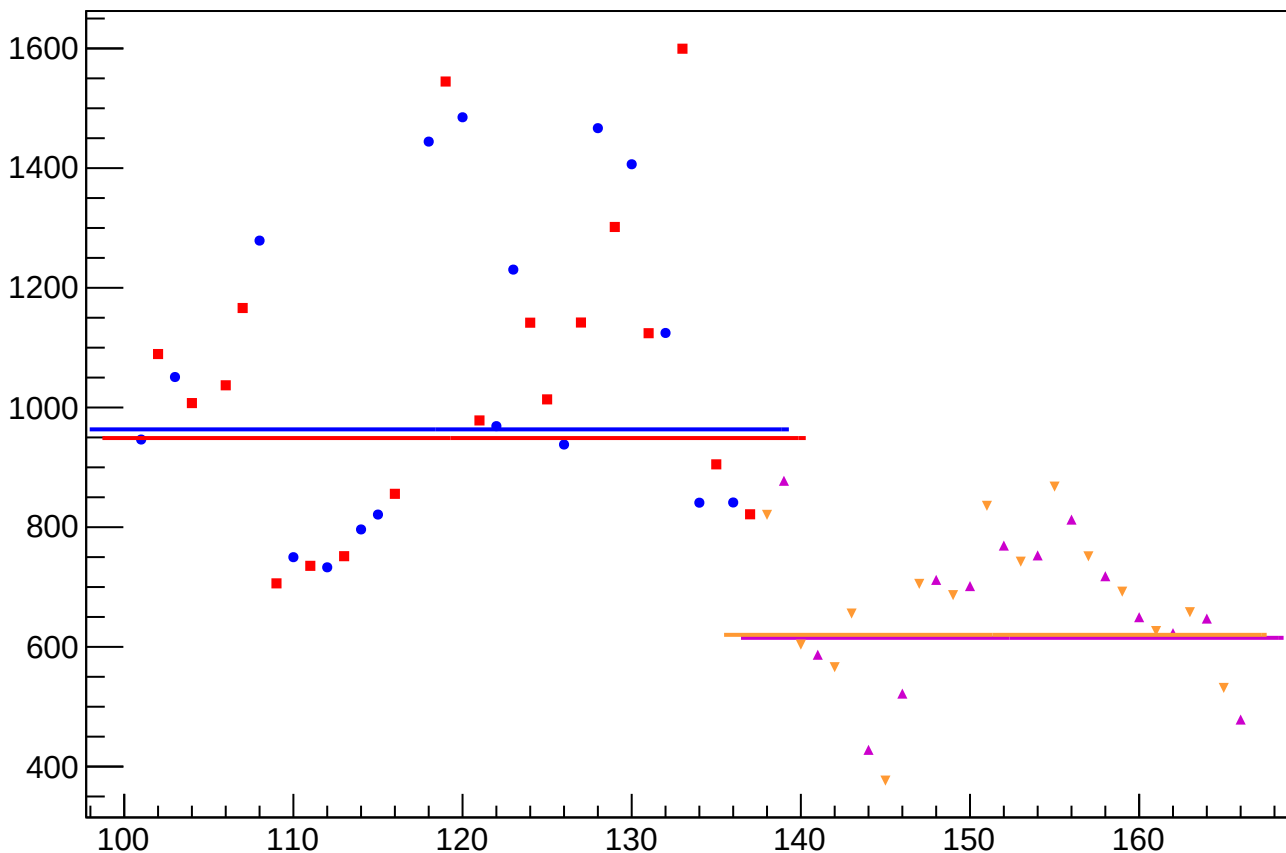
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -145.575 ± 170.504 $\chi^2/\text{NDF}: 36.7/30$

Out: -670.003 ± 168.965 $\chi^2/\text{NDF}: 56.8/32$

All: -410.167 ± 120.017 $\chi^2/\text{NDF}: 98.2/63$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 620.133 $\pm$ 0.134 χ^2 /NDF: 1152268.5/14

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 615.132 $\pm$ 0.135 χ^2 /NDF: 914314.0/13

Left: 617.635 $\pm$ 0.095 χ^2 /NDF: 2067273.6/28

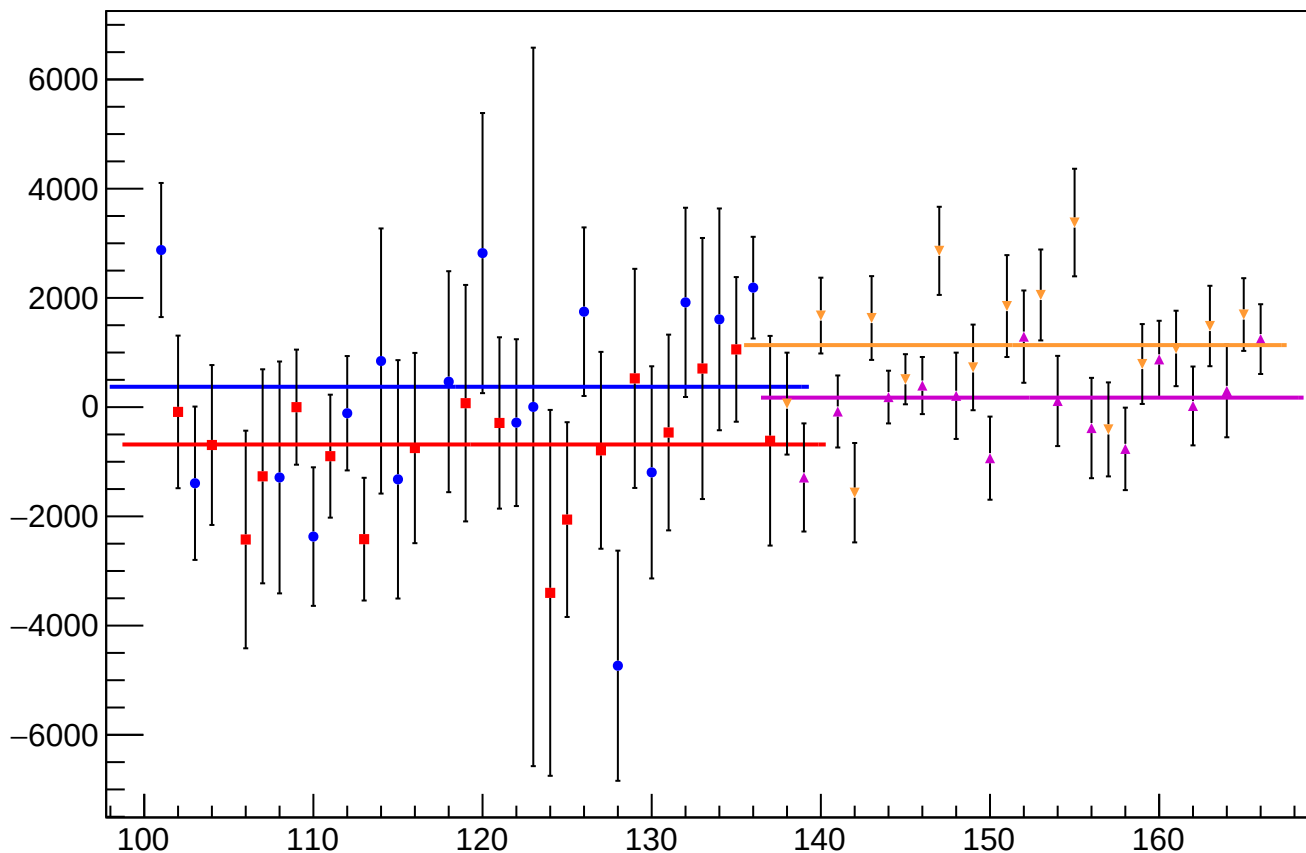
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 683.845 $\pm$ 0.121 χ^2 /NDF: 2925009.9/30

Out: 689.217 $\pm$ 0.119 χ^2 /NDF: 3138653.7/32

All: 686.555 $\pm$ 0.085 χ^2 /NDF: 6064665.0/63

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1135.859+/-192.150 χ^2/NDF : 29.2/14

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 174.077+/-188.438 χ^2/NDF : 12.2/13

Left: 645.588+/-134.539 χ^2/NDF : 54.2/28

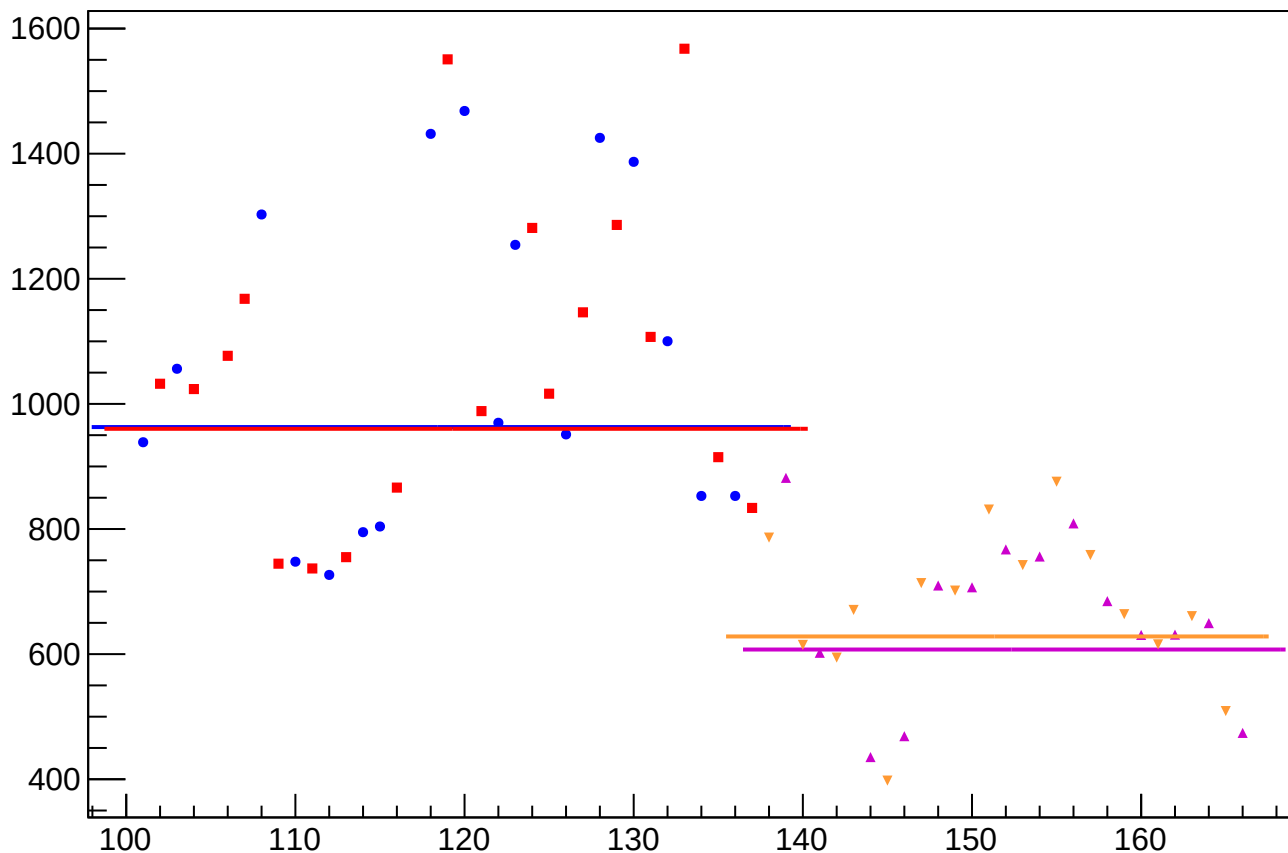
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 212.718+/-169.138 χ^2/NDF : 37.6/30

Out: 753.334+/-170.761 χ^2/NDF : 55.8/32

All: 480.445+/-120.168 χ^2/NDF : 98.6/63

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 628.247 $\pm$ 0.136 χ^2 /NDF:988620.9/14

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 607.366 $\pm$ 0.133 χ^2 /NDF:965843.6/13

Left: 617.603 $\pm$ 0.095 χ^2 /NDF: 1966504.3/28

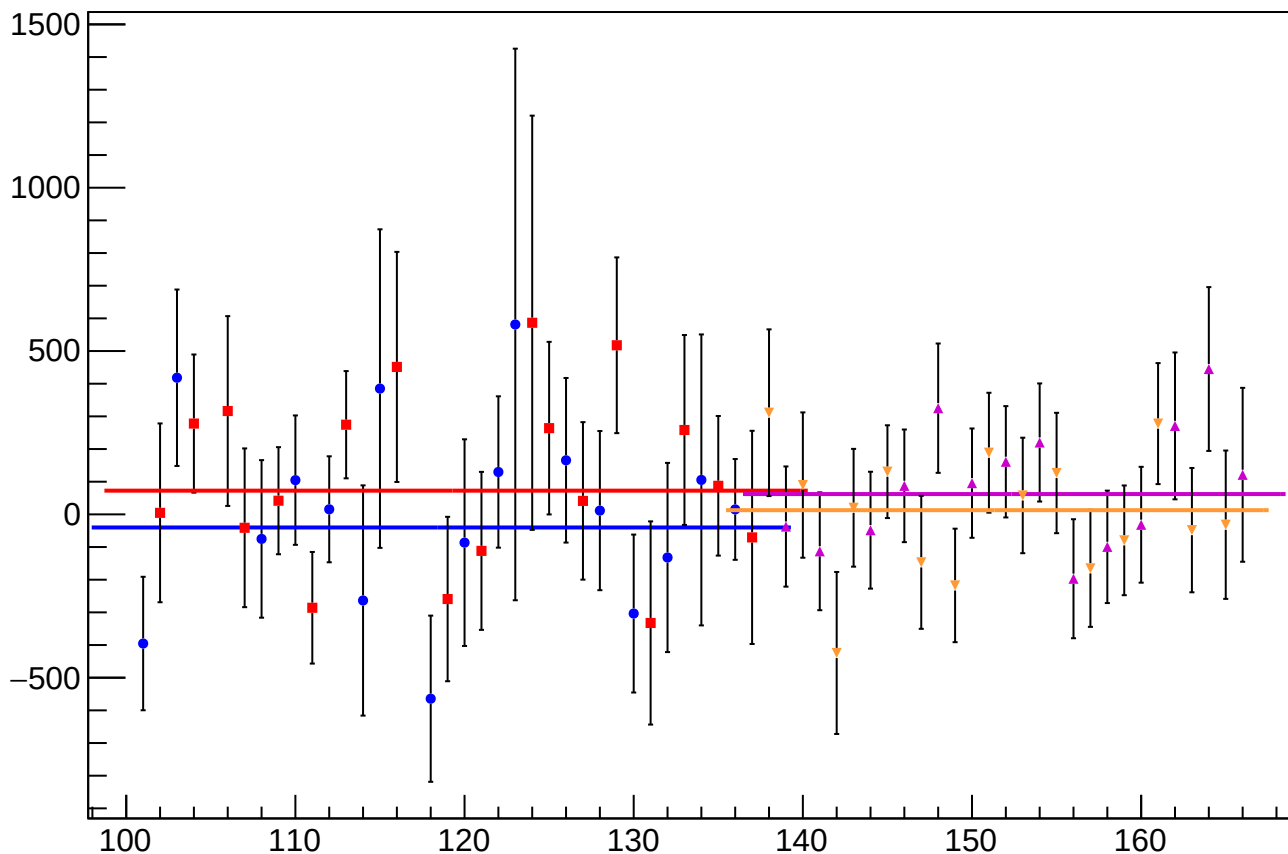
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 676.478 $\pm$ 0.120 χ^2 /NDF:3017612.0/30

Out: 698.041 $\pm$ 0.121 χ^2 /NDF:2914685.1/32

All: 687.157 $\pm$ 0.085 χ^2 /NDF: 5948394.3/63

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 12.825 ± 48.605 χ^2/NDF : 12.5/14

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 62.160 ± 50.191 χ^2/NDF : 11.0/13

Left: 36.701 ± 34.916 χ^2/NDF : 24.0/28

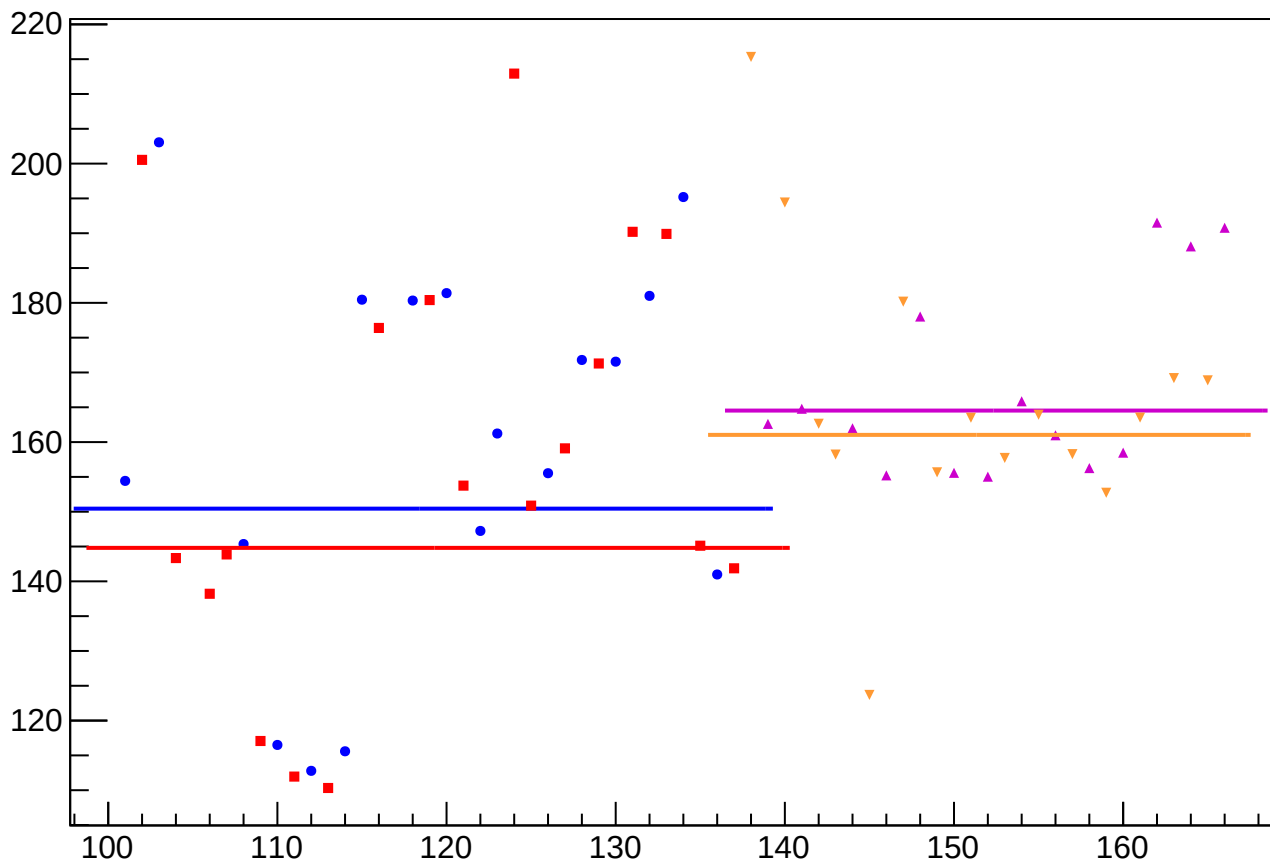
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 19.433 ± 38.299 χ^2/NDF : 28.0/30

Out: 38.347 ± 36.795 χ^2/NDF : 30.7/32

All: 29.269 ± 26.534 χ^2/NDF : 58.9/63

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 161.037 $\pm$ 0.034 χ^2 /NDF:307382.2/14

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 164.528 $\pm$ 0.035 χ^2 /NDF:101475.1/13

Left: 162.726 $\pm$ 0.025 χ^2 /NDF: 413851.6/28

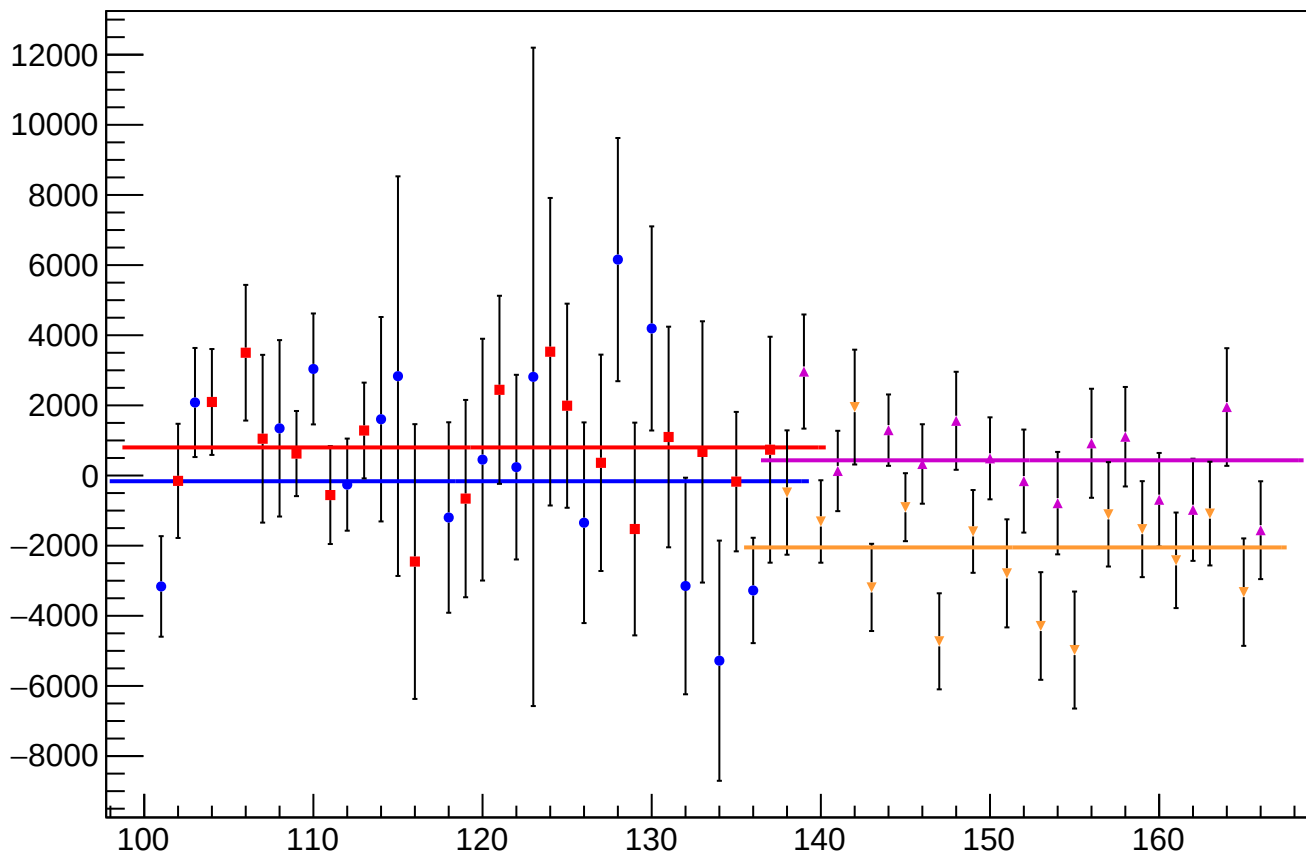
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 158.644 $\pm$ 0.027 χ^2 /NDF:567405.8/30

Out: 154.108 $\pm$ 0.026 χ^2 /NDF:906446.1/32

All: 156.285 $\pm$ 0.019 χ^2 /NDF: 1488439.2/63

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -2050.204 $\pm$ 353.786 χ^2 /NDF:20.5/14

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 433.670 $\pm$ 356.388 χ^2 /NDF:9.6/13

Left: -817.368 $\pm$ 251.079 χ^2 /NDF: 54.6/28

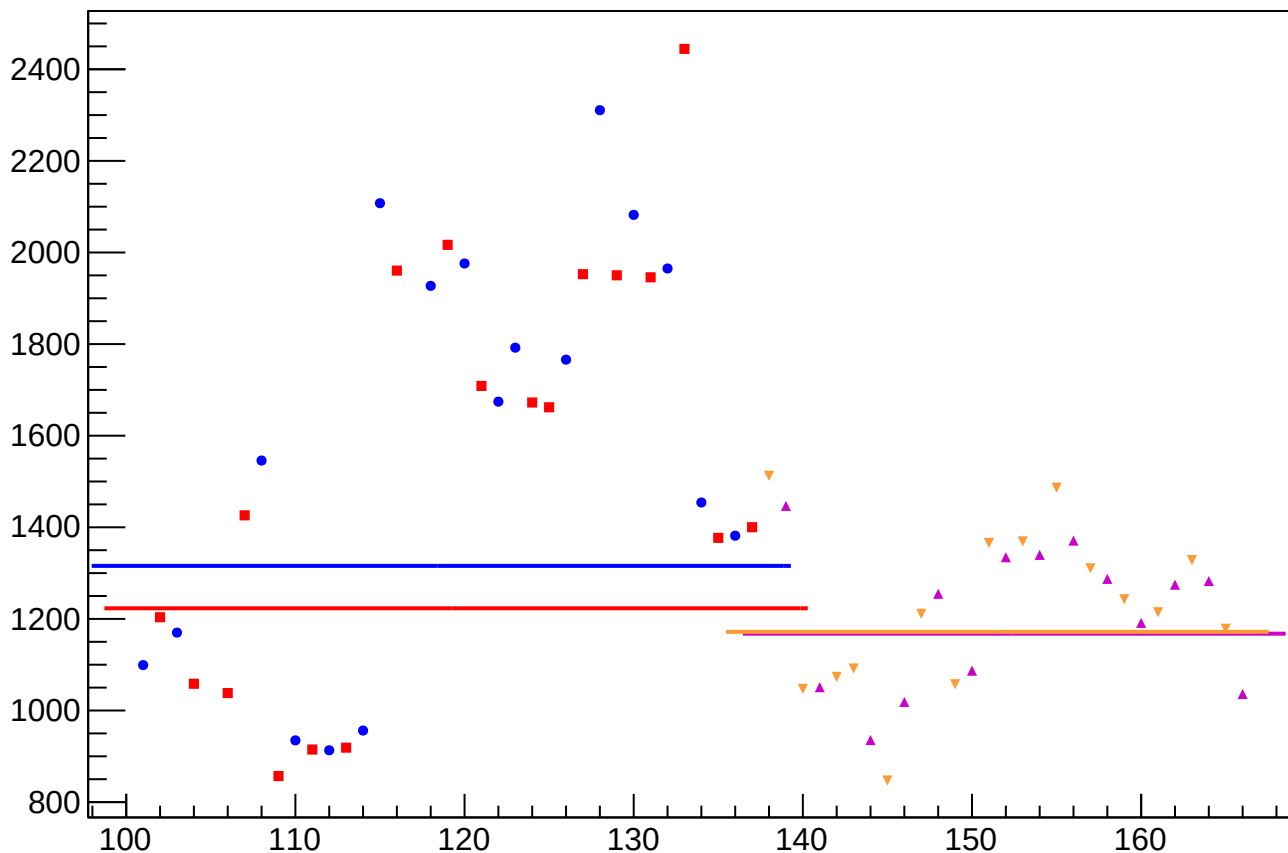
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 249.463 $\pm$ 296.290 χ^2 /NDF:35.5/30

Out: -1064.203 $\pm$ 286.151 χ^2 /NDF:49.9/32

All: -430.232 $\pm$ 205.830 χ^2 /NDF: 95.5/63

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1171.763+/-0.250 χ^2/NDF : 539686.7/14

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1167.733+/-0.252 χ^2/NDF : 376222.1/13

Left: 1169.763+/-0.178 χ^2/NDF : 916037.6/28

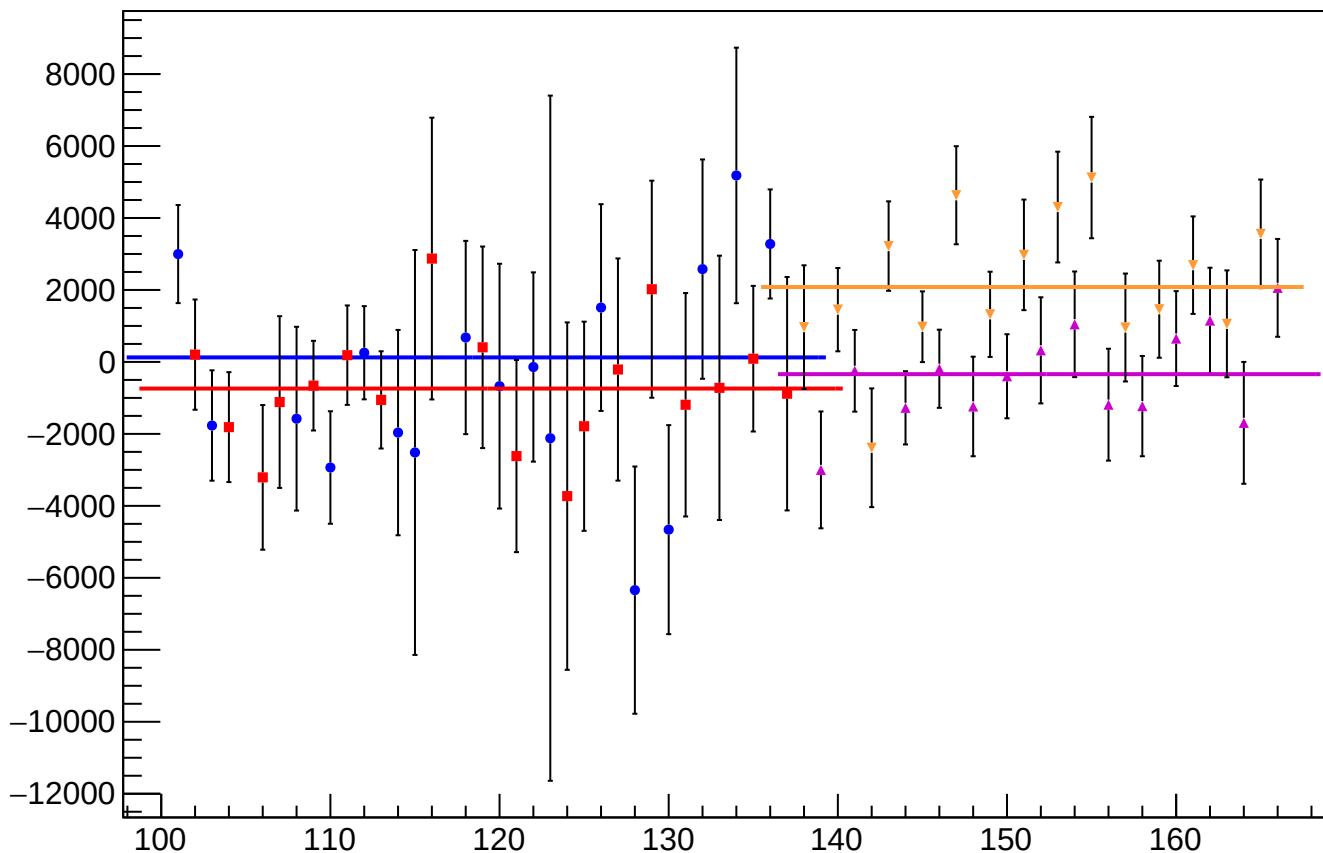
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1213.455+/-0.210 χ^2/NDF : 1601159.5/30

Out: 1189.542+/-0.202 χ^2/NDF : 1917349.0/32

All: 1201.083+/-0.146 χ^2/NDF : 3525248.8/63

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 2081.590 ± 353.241 $\chi^2/\text{NDF}: 22.1/14$

Right Out: -739.954 ± 486.808 $\chi^2/\text{NDF}: 6.0/17$

Left In: -339.918 ± 353.429 $\chi^2/\text{NDF}: 11.1/13$

Left: 871.480 ± 249.845 $\chi^2/\text{NDF}: 56.7/28$

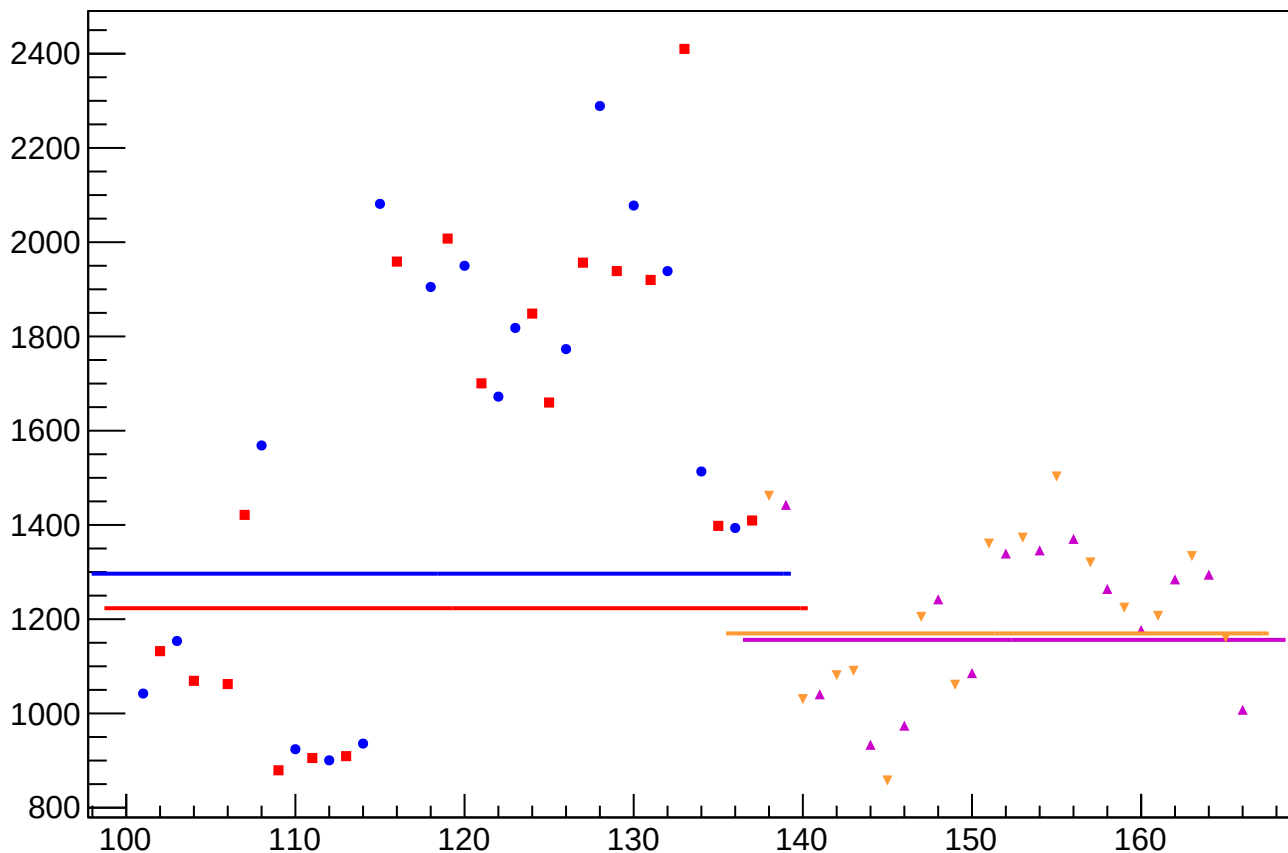
Right: -341.379 ± 357.529 $\chi^2/\text{NDF}: 32.1/34$

In: -195.494 ± 293.496 $\chi^2/\text{NDF}: 36.3/30$

Out: 1108.380 ± 285.902 $\chi^2/\text{NDF}: 50.1/32$

All: 473.530 ± 204.796 $\chi^2/\text{NDF}: 96.6/63$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1169.836 $\pm$ 0.250 χ^2/NDF : 513491.3/14

Right Out: 1223.274 $\pm$ 0.344 χ^2/NDF : 1346689.2/17

Left In: 1156.110 $\pm$ 0.250 χ^2/NDF : 417241.8/13

Left: 1162.977 $\pm$ 0.177 χ^2/NDF : 932242.2/28

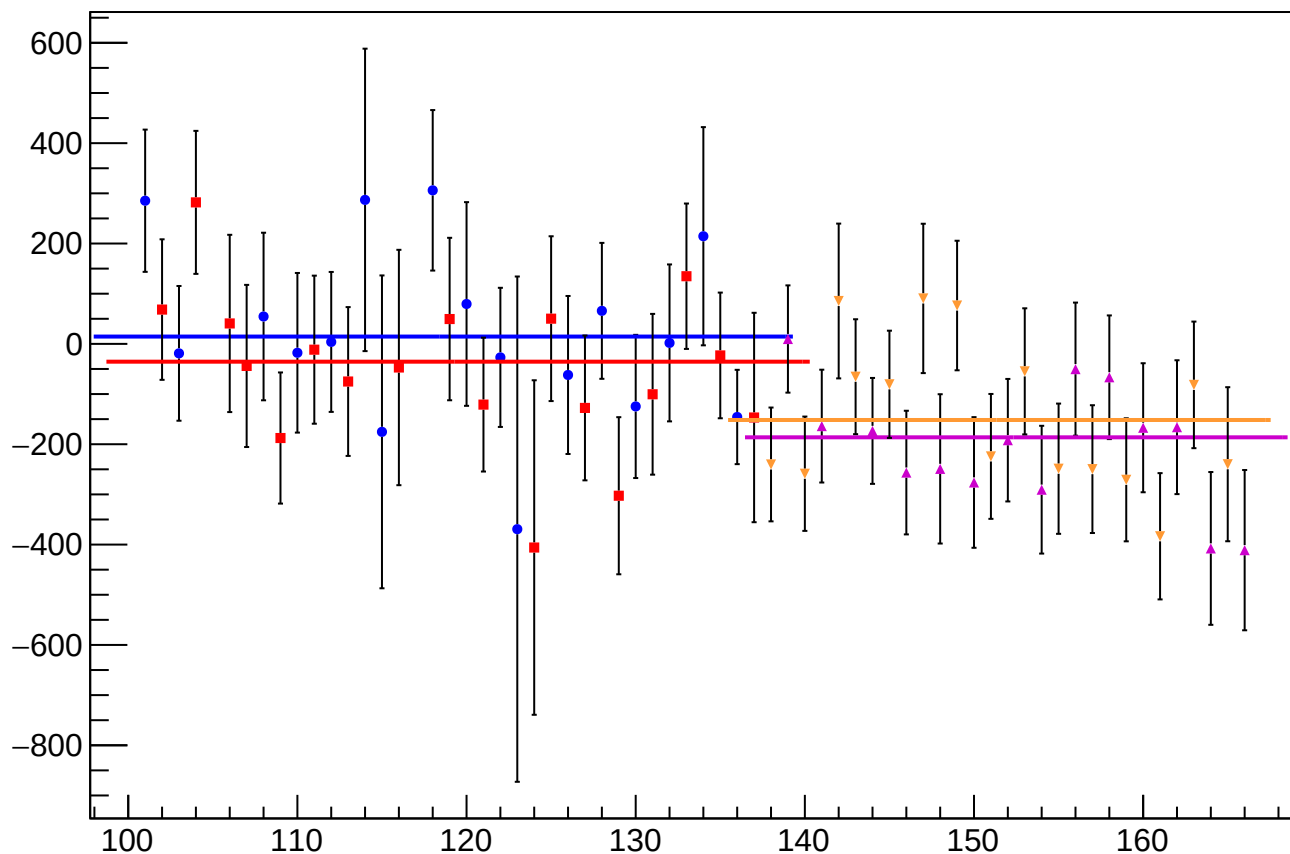
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1199.709 $\pm$ 0.208 χ^2/NDF : 1690760.9/30

Out: 1188.268 $\pm$ 0.202 χ^2/NDF : 1875968.1/32

All: 1193.838 $\pm$ 0.145 χ^2/NDF : 3568288.4/63

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: -151.685 ± 32.448 $\chi^2/\text{NDF}: 17.7/14$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -186.226 ± 33.767 $\chi^2/\text{NDF}: 11.2/13$

Left: -168.268 ± 23.396 $\chi^2/\text{NDF}: 29.5/28$

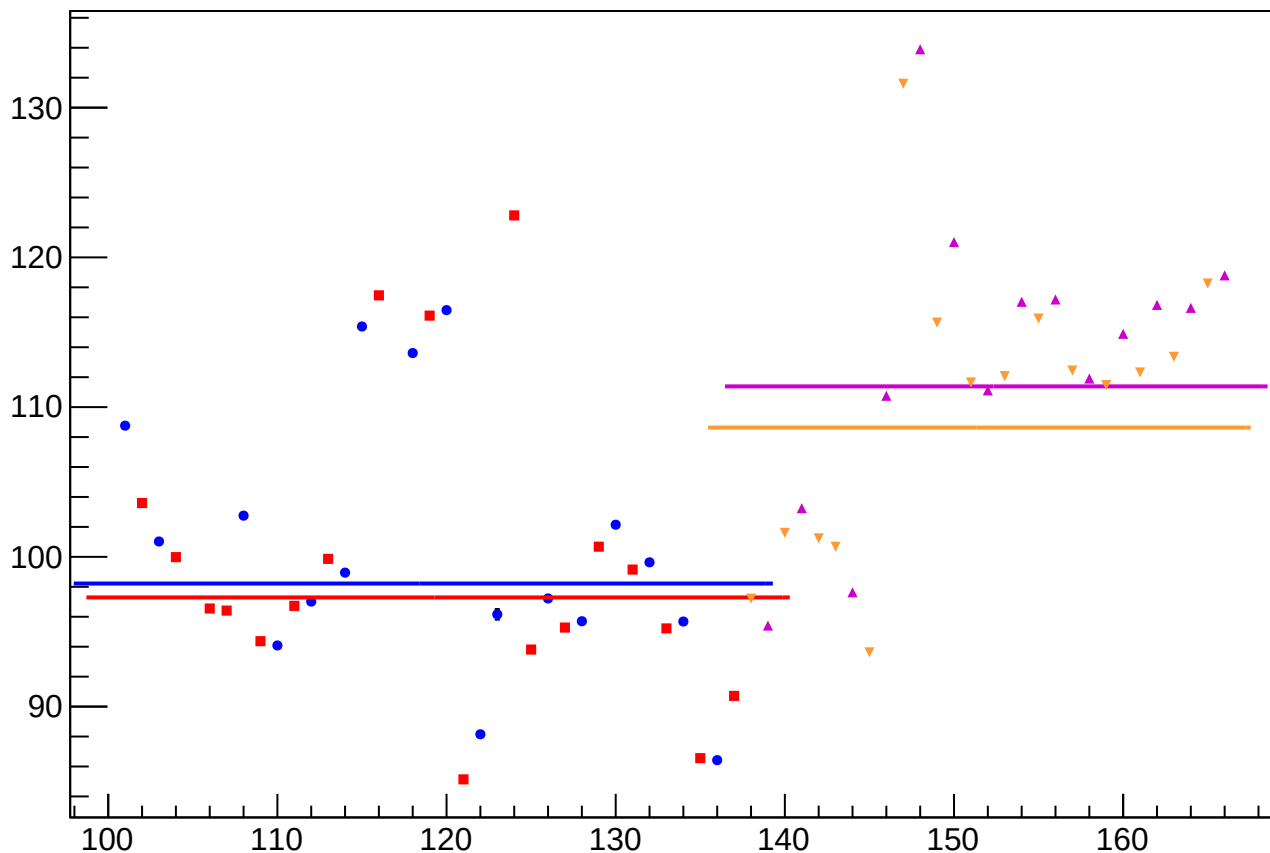
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -97.672 ± 25.246 $\chi^2/\text{NDF}: 41.0/30$

Out: -100.743 ± 24.317 $\chi^2/\text{NDF}: 37.8/32$

All: -99.265 ± 17.514 $\chi^2/\text{NDF}: 78.8/63$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 108.634+/-0.023 χ^2/NDF : 159366.7/14

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 111.384+/-0.024 χ^2/NDF : 165230.4/13

Left: 109.955+/-0.017 χ^2/NDF : 331494.5/28

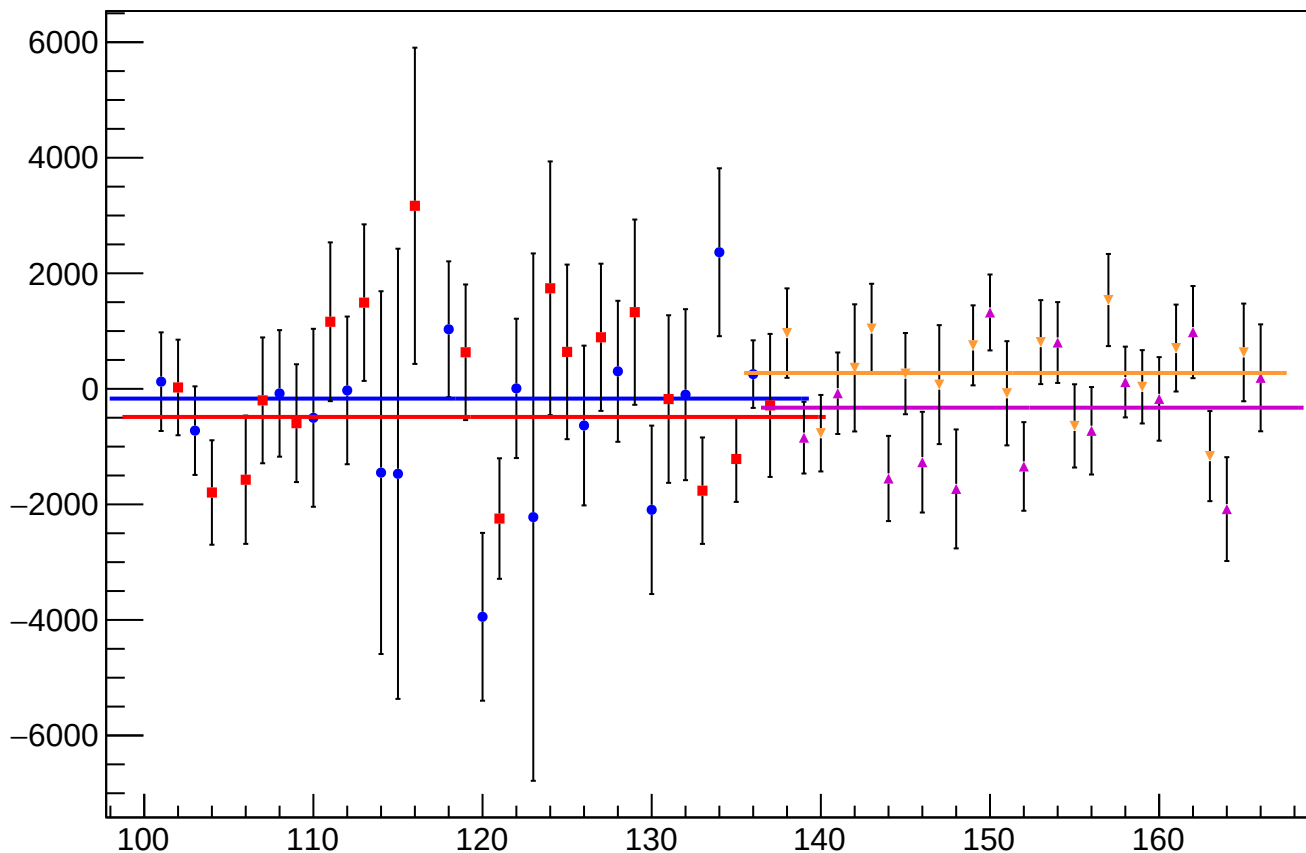
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 105.578+/-0.018 χ^2/NDF : 399820.3/30

Out: 103.662+/-0.017 χ^2/NDF : 362740.1/32

All: 104.584+/-0.012 χ^2/NDF : 768541.9/63

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 274.658 ± 198.420 χ^2/NDF : 13.6/14

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -326.348 ± 199.763 χ^2/NDF : 24.9/13

Left: -23.817 ± 140.777 χ^2/NDF : 43.1/28

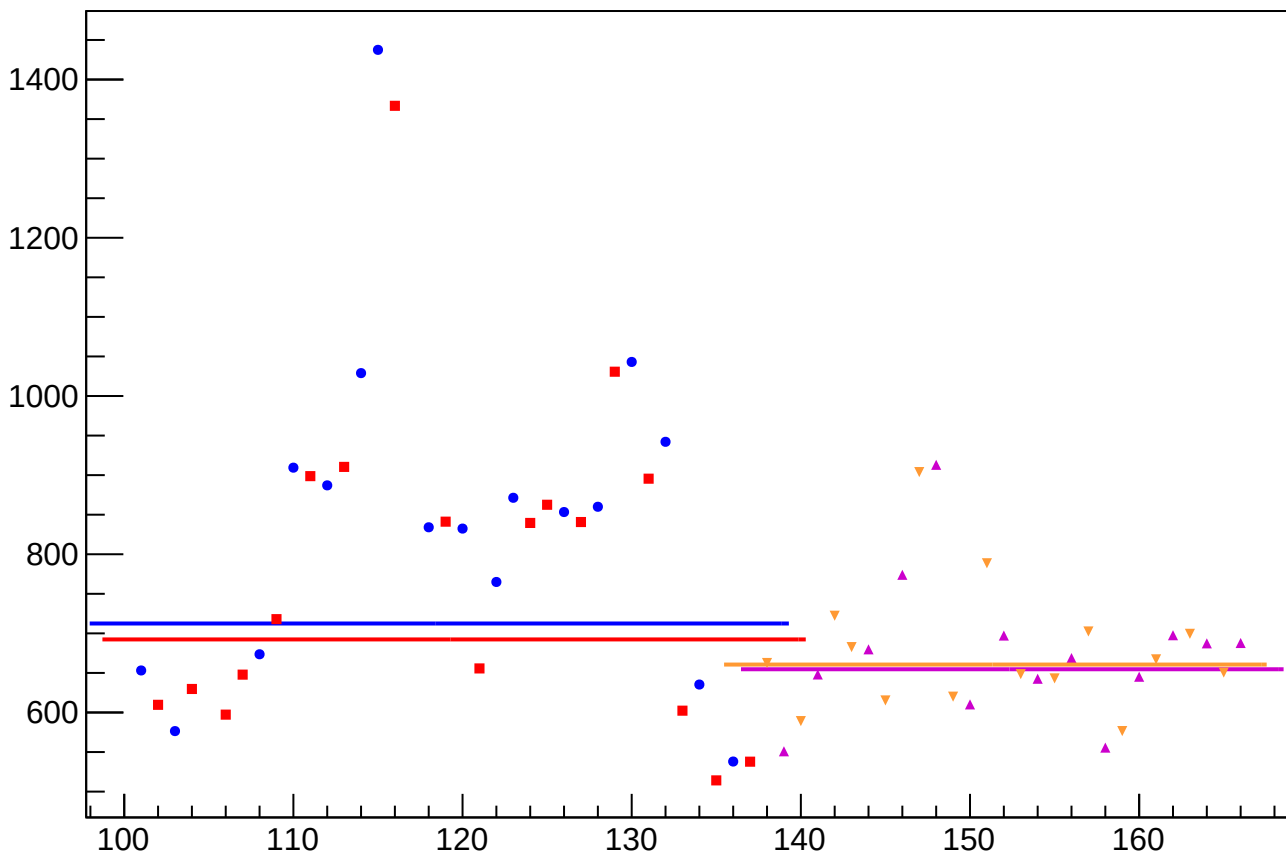
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -273.751 ± 163.043 χ^2/NDF : 39.7/30

Out: 5.236 ± 159.472 χ^2/NDF : 38.5/32

All: -131.169 ± 114.005 χ^2/NDF : 79.7/63

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 660.583+/-0.140 χ^2/NDF : 246072.9/14

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 654.639+/-0.141 χ^2/NDF : 301995.4/13

Left: 657.631+/-0.100 χ^2/NDF : 548959.7/28

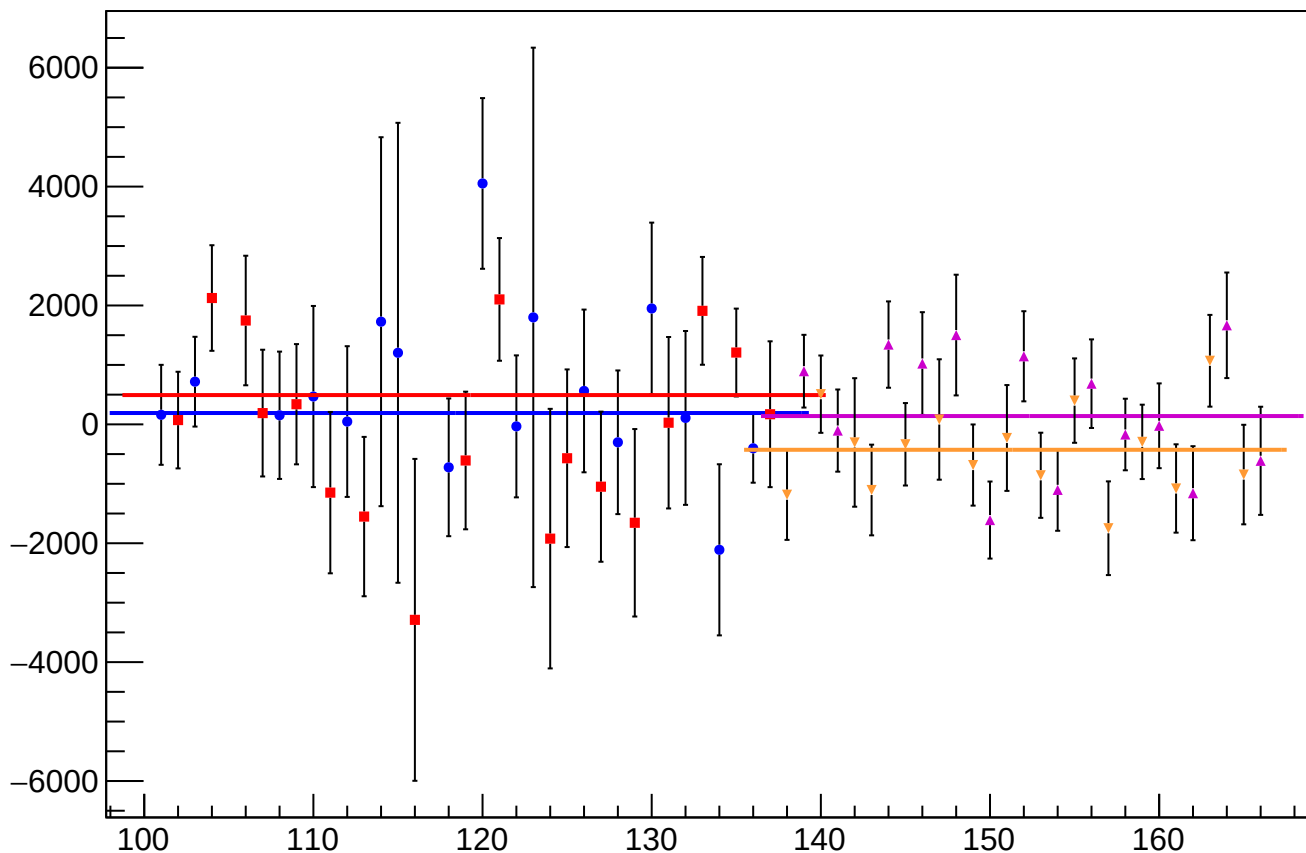
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 673.948+/-0.115 χ^2/NDF : 1018487.6/30

Out: 671.827+/-0.113 χ^2/NDF : 921167.2/32

All: 672.864+/-0.081 χ^2/NDF : 1939827.7/63

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -427.768 $\pm$ 195.572 χ^2 /NDF:13.7/14

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 139.834 $\pm$ 196.862 χ^2 /NDF:26.7/13

Left: -145.832 $\pm$ 138.744 χ^2 /NDF: 44.6/28

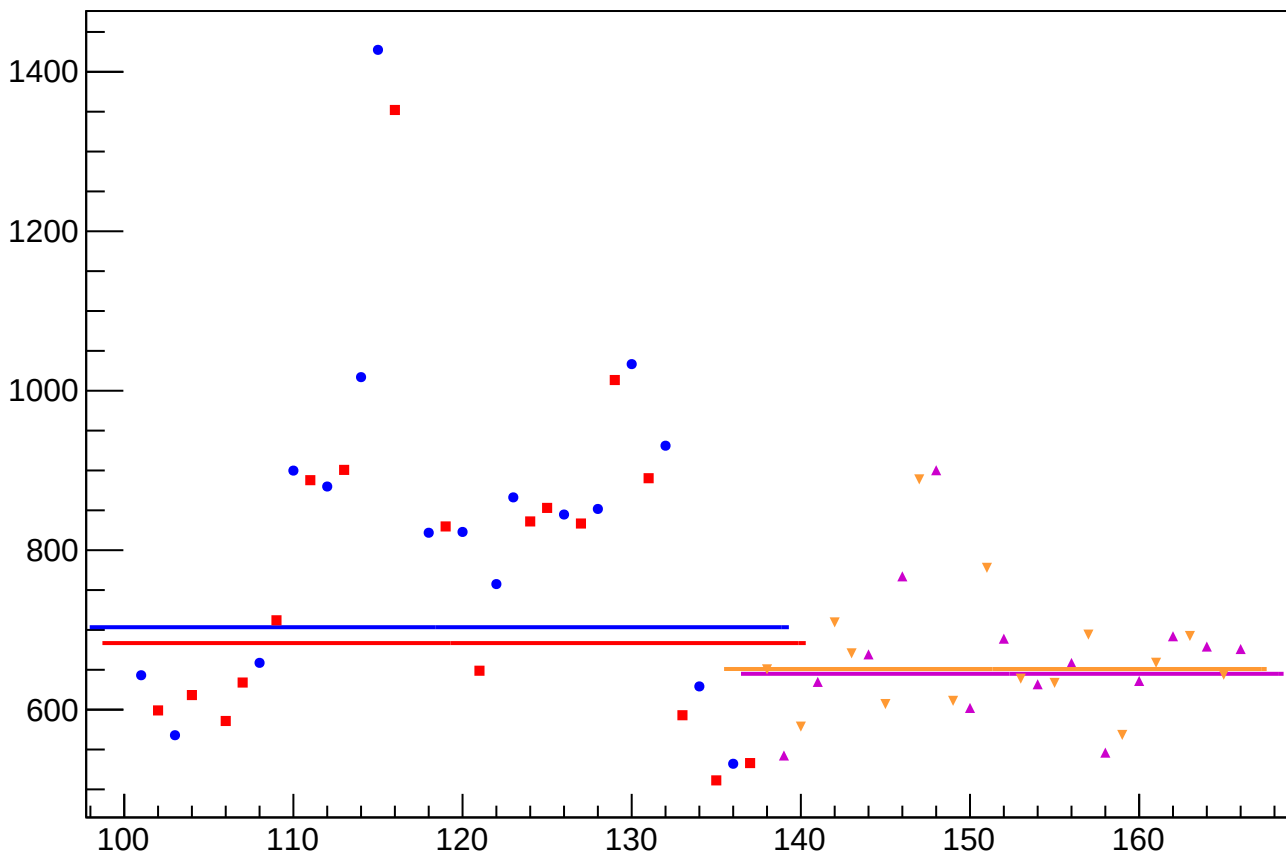
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 156.827 $\pm$ 160.788 χ^2 /NDF:41.0/30

Out: -102.587 $\pm$ 157.281 χ^2 /NDF:44.3/32

All: 24.260 $\pm$ 112.434 χ^2 /NDF: 86.5/63

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 651.000 $\pm$ 0.138 χ^2/NDF :246475.1/14

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 644.959 $\pm$ 0.139 χ^2/NDF :308783.6/13

Left: 647.999 $\pm$ 0.098 χ^2/NDF : 556206.7/28

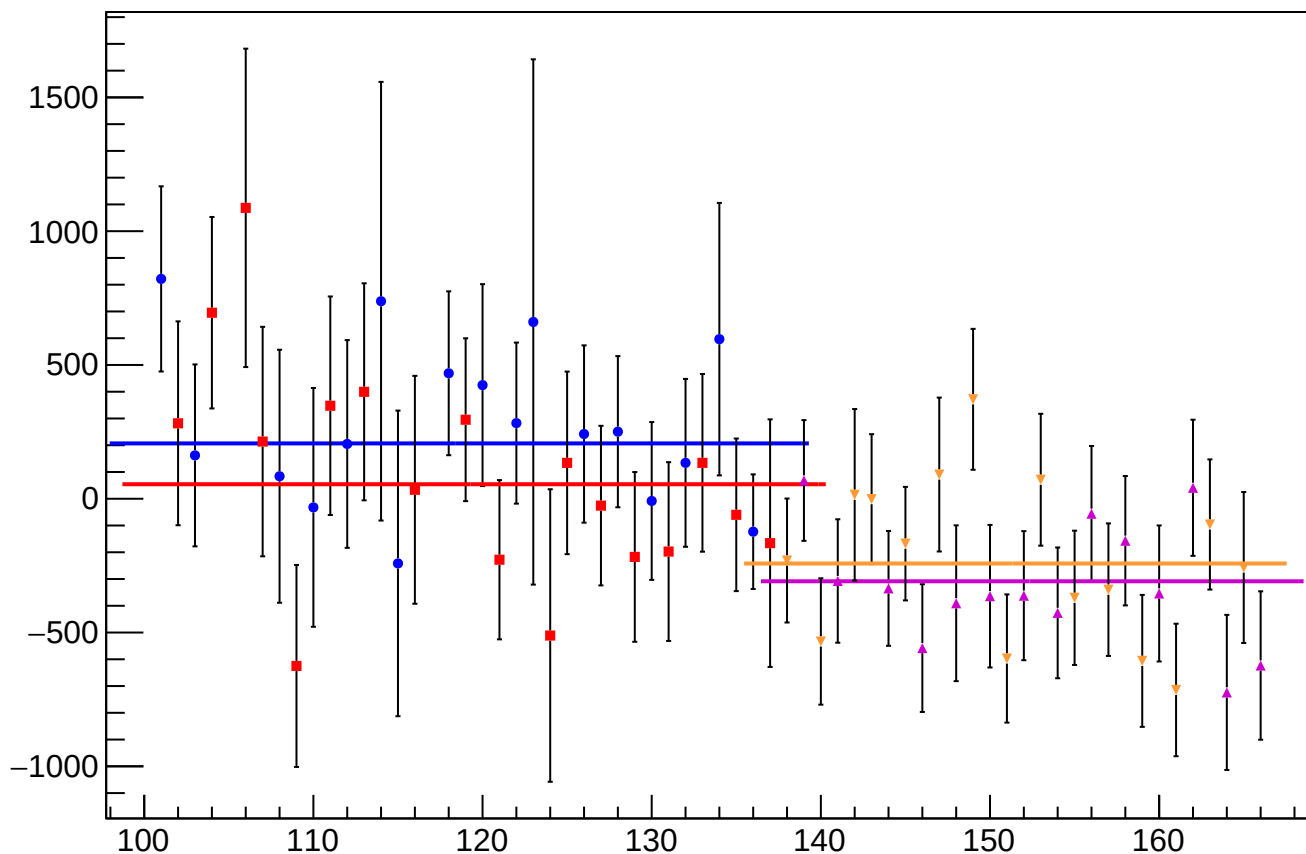
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 664.416 $\pm$ 0.114 χ^2/NDF :1034359.5/30

Out: 662.478 $\pm$ 0.111 χ^2/NDF :925332.1/32

All: 663.426 $\pm$ 0.080 χ^2/NDF : 1959840.1/63

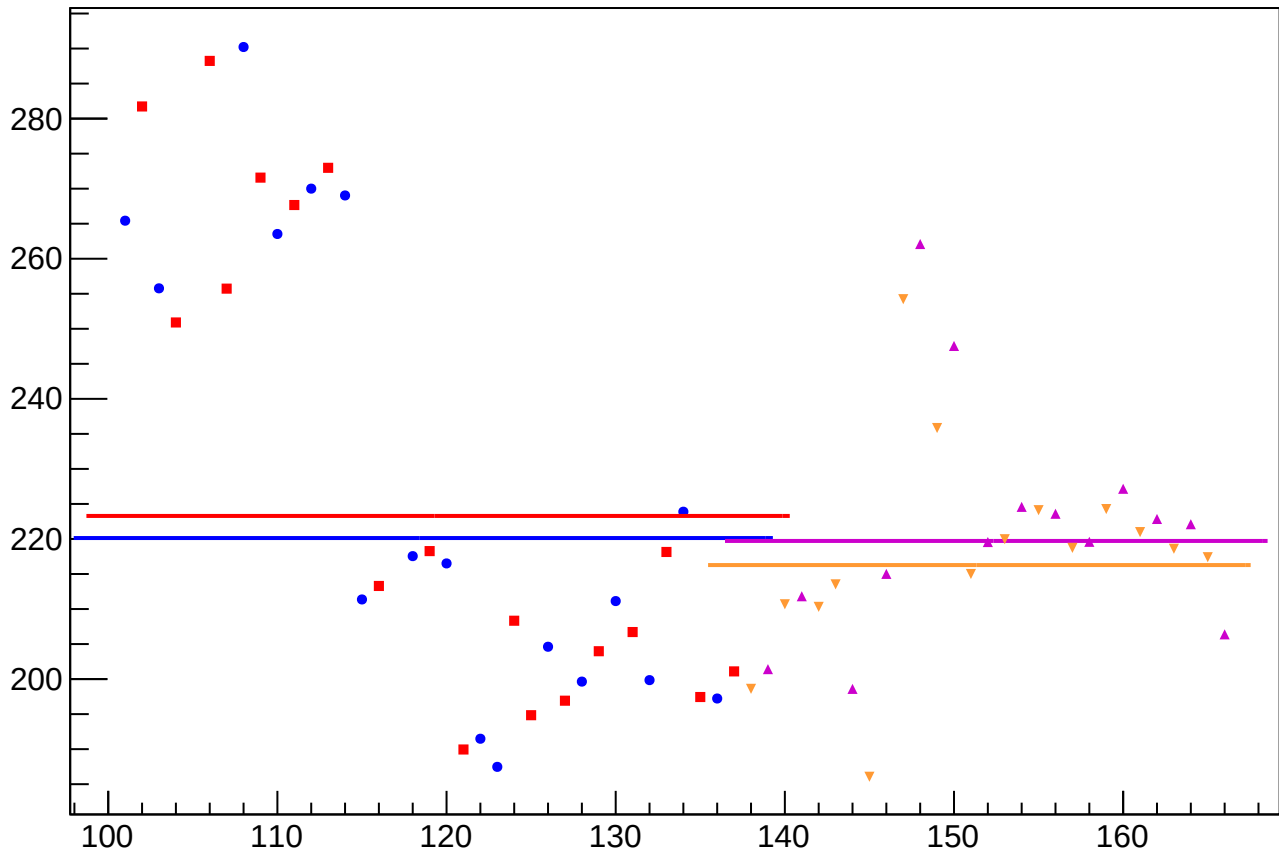
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -241.988 ± 64.513 $\chi^2/\text{NDF}: 20.4/14$
 Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$
 Left In: -308.409 ± 66.508 $\chi^2/\text{NDF}: 11.0/13$

Left: -274.187 ± 46.307 $\chi^2/\text{NDF}: 31.9/28$
 Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$
 In: -114.530 ± 52.526 $\chi^2/\text{NDF}: 43.0/30$
 Out: -134.047 ± 51.430 $\chi^2/\text{NDF}: 43.8/32$
 All: -124.494 ± 36.748 $\chi^2/\text{NDF}: 86.9/63$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 $\chi^2/\text{NDF}: 228444.0/16$

Left Out: 216.276 ± 0.046 $\chi^2/\text{NDF}: 105823.3/14$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 219.718 ± 0.047 $\chi^2/\text{NDF}: 107874.0/13$

Left: 217.945 ± 0.033 $\chi^2/\text{NDF}: 216458.3/28$

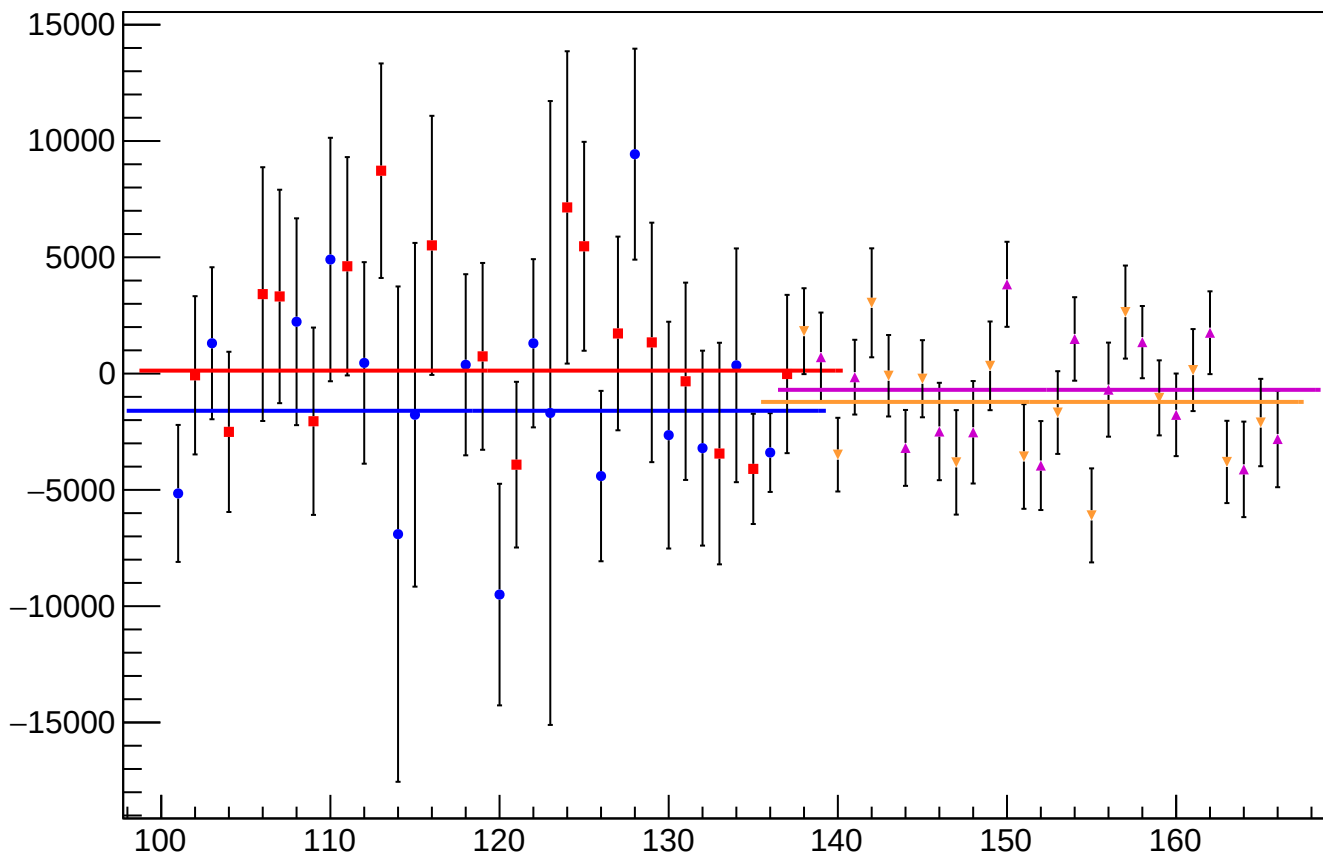
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 219.874 ± 0.037 $\chi^2/\text{NDF}: 336347.2/30$

Out: 218.831 ± 0.036 $\chi^2/\text{NDF}: 386689.1/32$

All: 219.342 ± 0.026 $\chi^2/\text{NDF}: 723439.0/63$

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: -1217.603 $\pm$ 479.247 χ^2 /NDF:24.5/14

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -697.903 $\pm$ 493.020 χ^2 /NDF:22.8/13

Left: -965.114 $\pm$ 343.645 χ^2 /NDF: 47.9/28

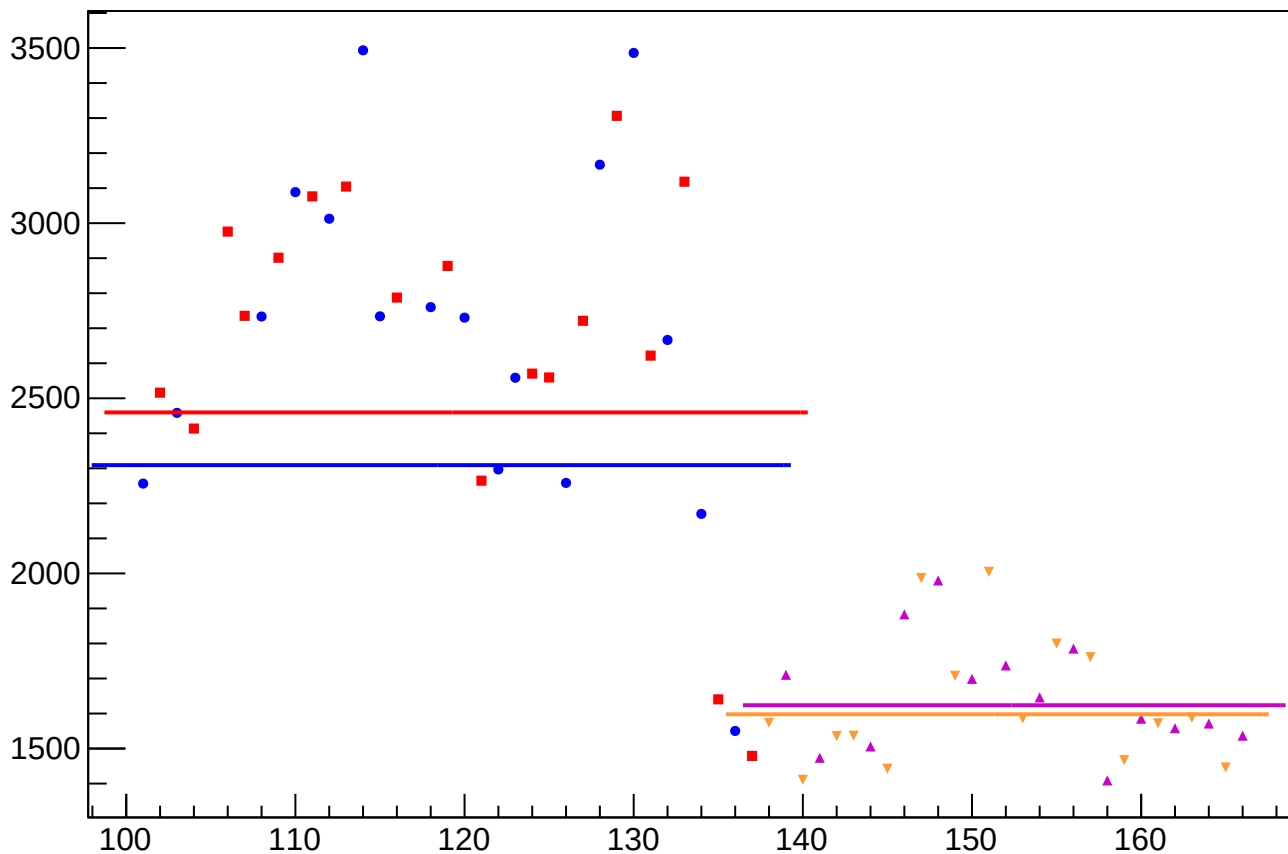
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -898.601 $\pm$ 434.665 χ^2 /NDF:40.2/30

Out: -944.263 $\pm$ 427.801 χ^2 /NDF:40.9/32

All: -921.796 $\pm$ 304.899 χ^2 /NDF: 81.1/63

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: 1597.768 $\pm$ 0.339 χ^2 /NDF: 241767.0/14

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1623.573 $\pm$ 0.349 χ^2 /NDF: 185201.4/13

Left: 1610.305 $\pm$ 0.243 χ^2 /NDF: 429785.5/28

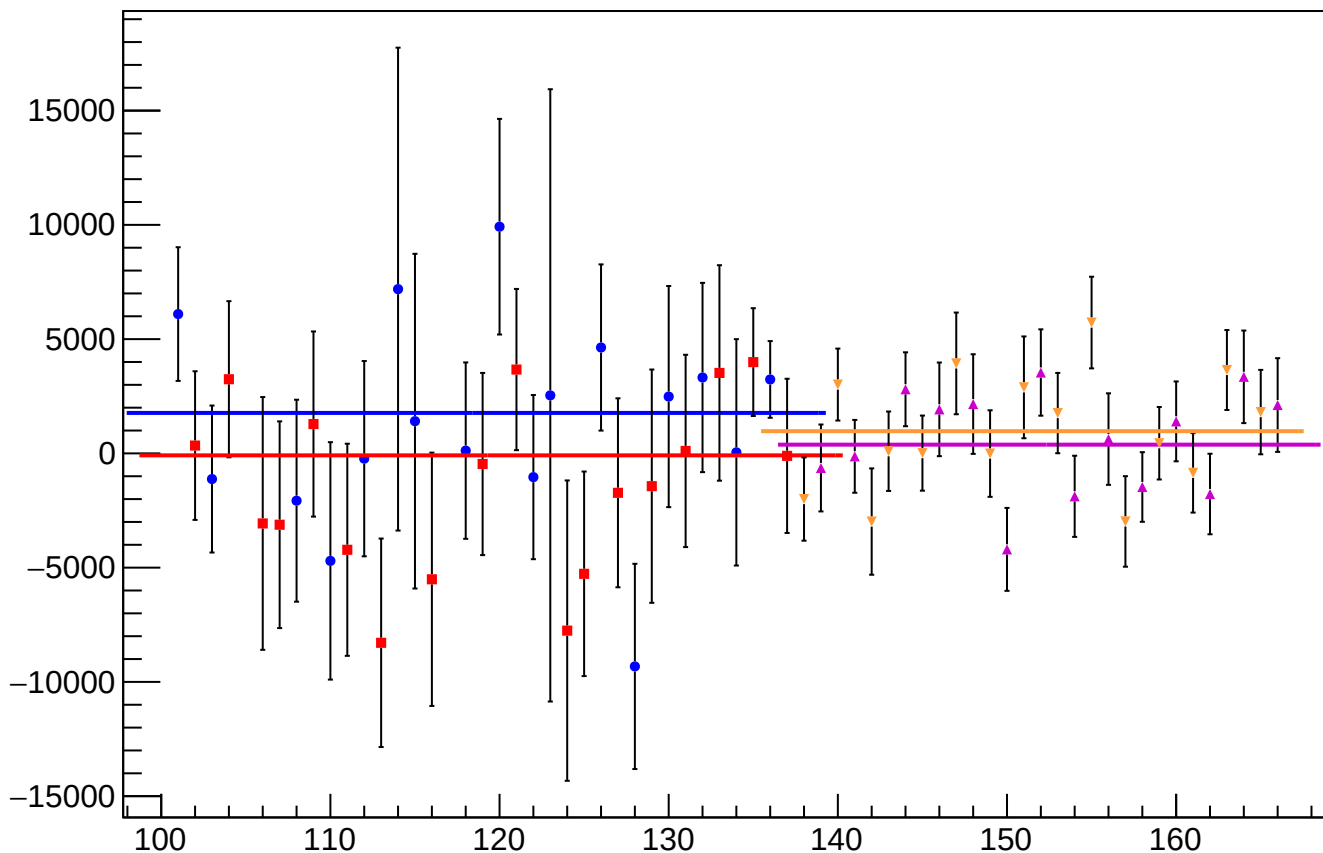
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1776.258 $\pm$ 0.307 χ^2 /NDF: 1847200.7/30

Out: 1772.869 $\pm$ 0.303 χ^2 /NDF: 2224034.0/32

All: 1774.537 $\pm$ 0.216 χ^2 /NDF: 4071296.4/63

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 ± 912.328 $\chi^2/\text{NDF}: 17.3/16$

Left Out: 972.161 ± 474.122 $\chi^2/\text{NDF}: 24.2/14$

Right Out: -86.080 ± 939.852 $\chi^2/\text{NDF}: 14.5/17$

Left In: 381.733 ± 487.155 $\chi^2/\text{NDF}: 20.9/13$

Left: 684.951 ± 339.769 $\chi^2/\text{NDF}: 45.8/28$

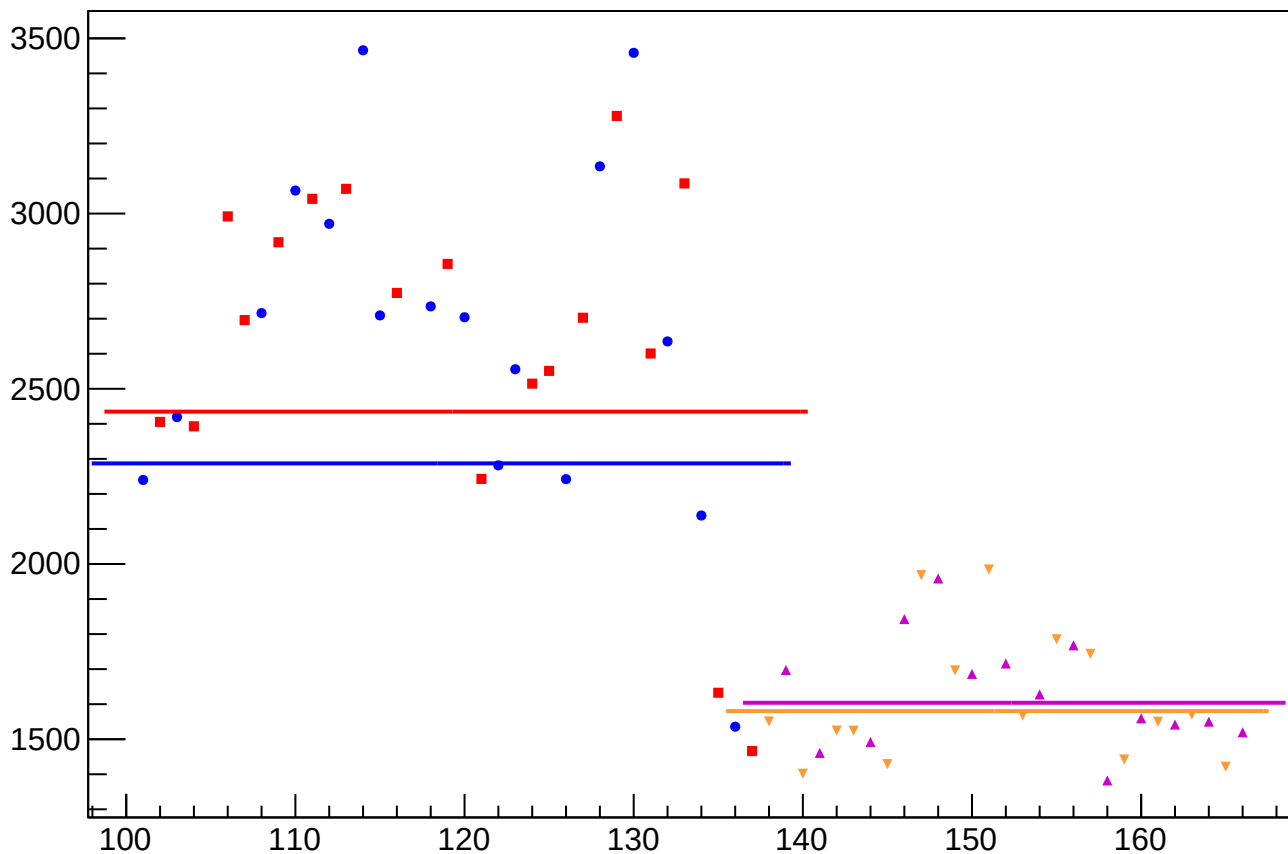
Right: 870.195 ± 654.628 $\chi^2/\text{NDF}: 33.8/34$

In: 690.024 ± 429.729 $\chi^2/\text{NDF}: 40.0/30$

Out: 757.487 ± 423.309 $\chi^2/\text{NDF}: 39.6/32$

All: 724.263 ± 301.569 $\chi^2/\text{NDF}: 79.7/63$

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1580.308+/-0.335 χ^2/NDF : 245720.2/14

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1604.054+/-0.344 χ^2/NDF : 186524.0/13

Left: 1591.859+/-0.240 χ^2/NDF : 434684.6/28

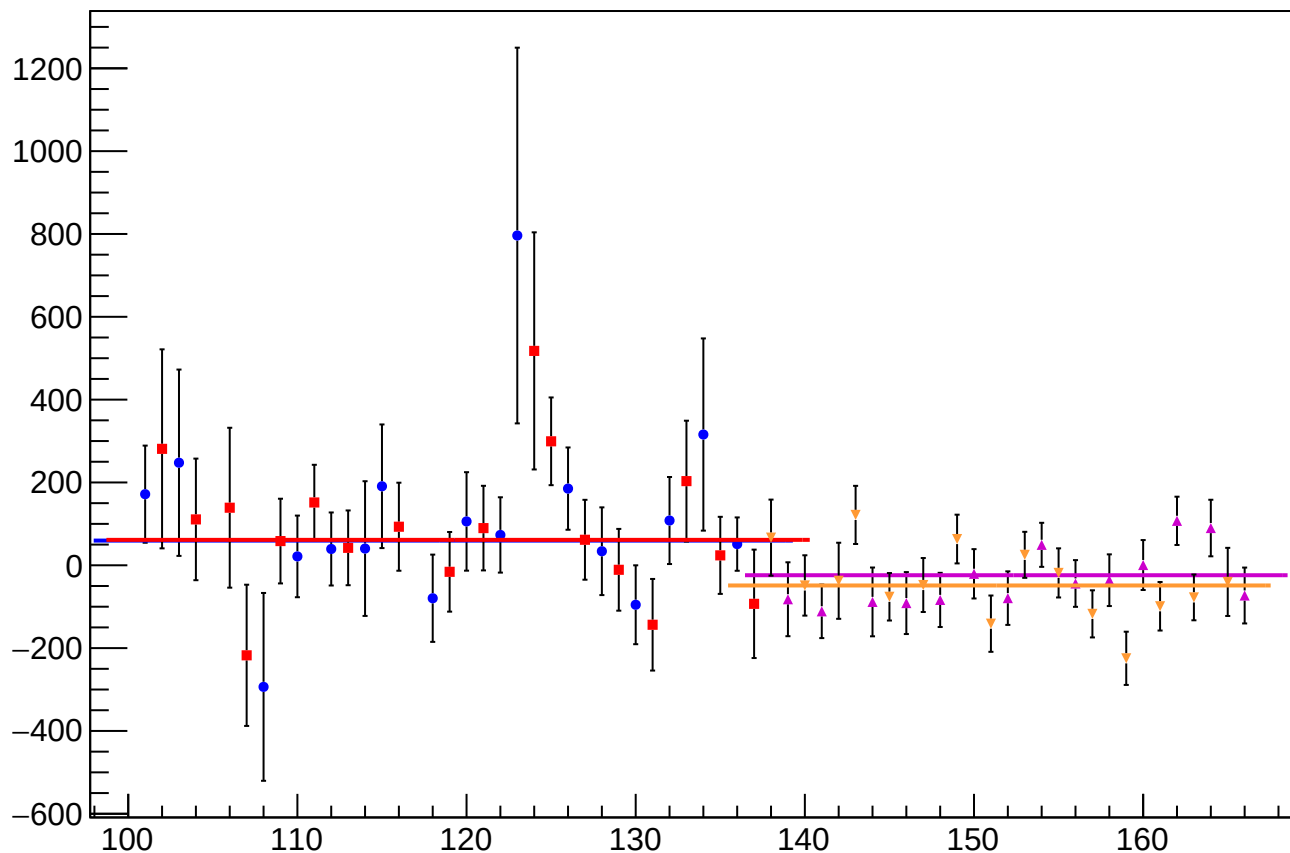
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1755.598+/-0.304 χ^2/NDF : 1858262.1/30

Out: 1753.647+/-0.299 χ^2/NDF : 2230451.4/32

All: 1754.608+/-0.213 χ^2/NDF : 4088734.4/63

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: -48.730 $\pm$ 16.669 χ^2 /NDF:25.2/14

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -23.997 $\pm$ 17.223 χ^2 /NDF:15.8/13

Left: -36.767 $\pm$ 11.978 χ^2 /NDF: 42.1/28

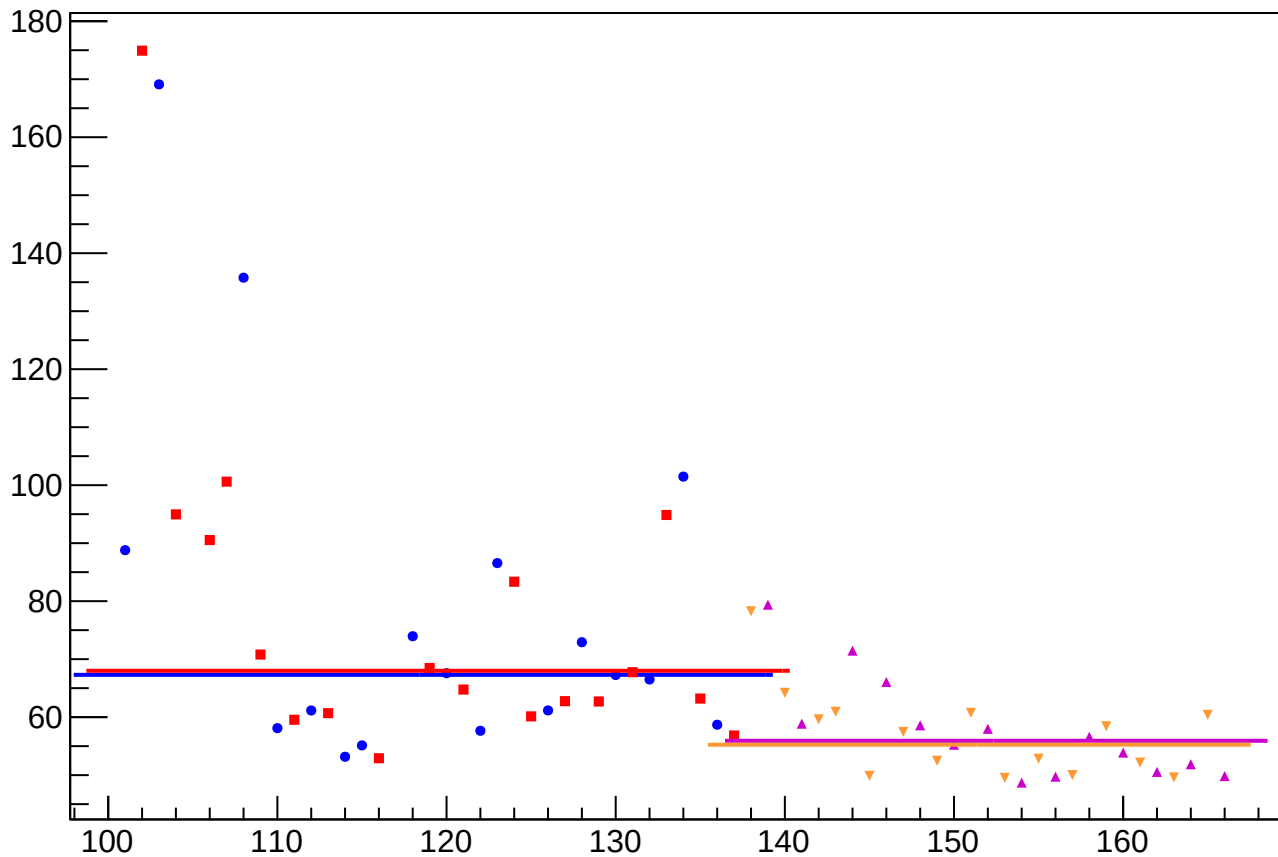
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 0.096 $\pm$ 14.533 χ^2 /NDF:38.0/30

Out: -18.354 $\pm$ 14.185 χ^2 /NDF:56.9/32

All: -9.352 $\pm$ 10.151 χ^2 /NDF: 95.7/63

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.247 $\pm$ 0.012 χ^2 /NDF: 291047.0/14

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 55.922 $\pm$ 0.012 χ^2 /NDF: 358366.2/13

Left: 55.573 $\pm$ 0.008 χ^2 /NDF: 650998.7/28

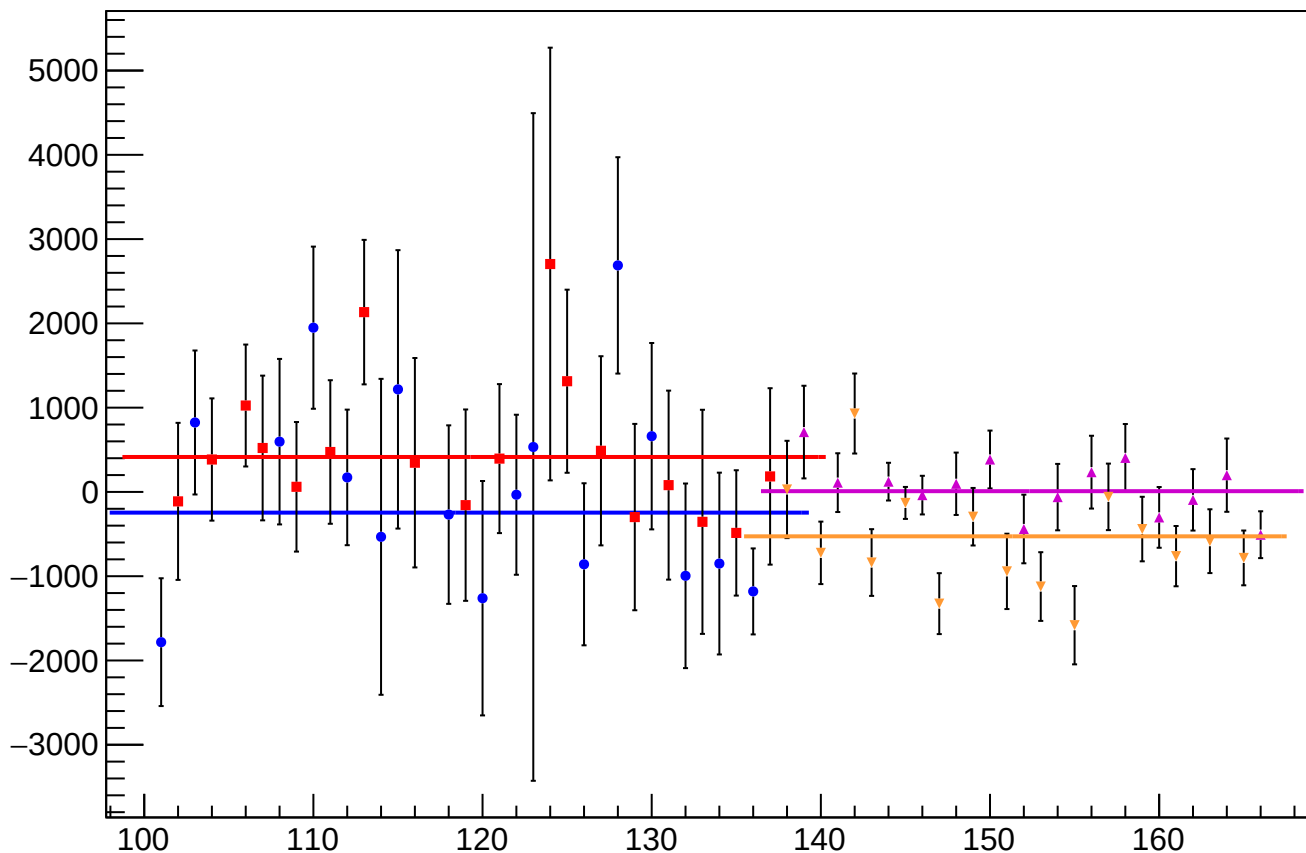
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 59.198 $\pm$ 0.010 χ^2 /NDF: 1450994.1/30

Out: 58.764 $\pm$ 0.010 χ^2 /NDF: 1368174.9/32

All: 58.976 $\pm$ 0.007 χ^2 /NDF: 2820082.3/63

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: -526.881 $\pm$ 91.952 χ^2 /NDF:31.6/14

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 8.985 $\pm$ 89.878 χ^2 /NDF:10.2/13

Left: -252.836 $\pm$ 64.274 χ^2 /NDF: 59.2/28

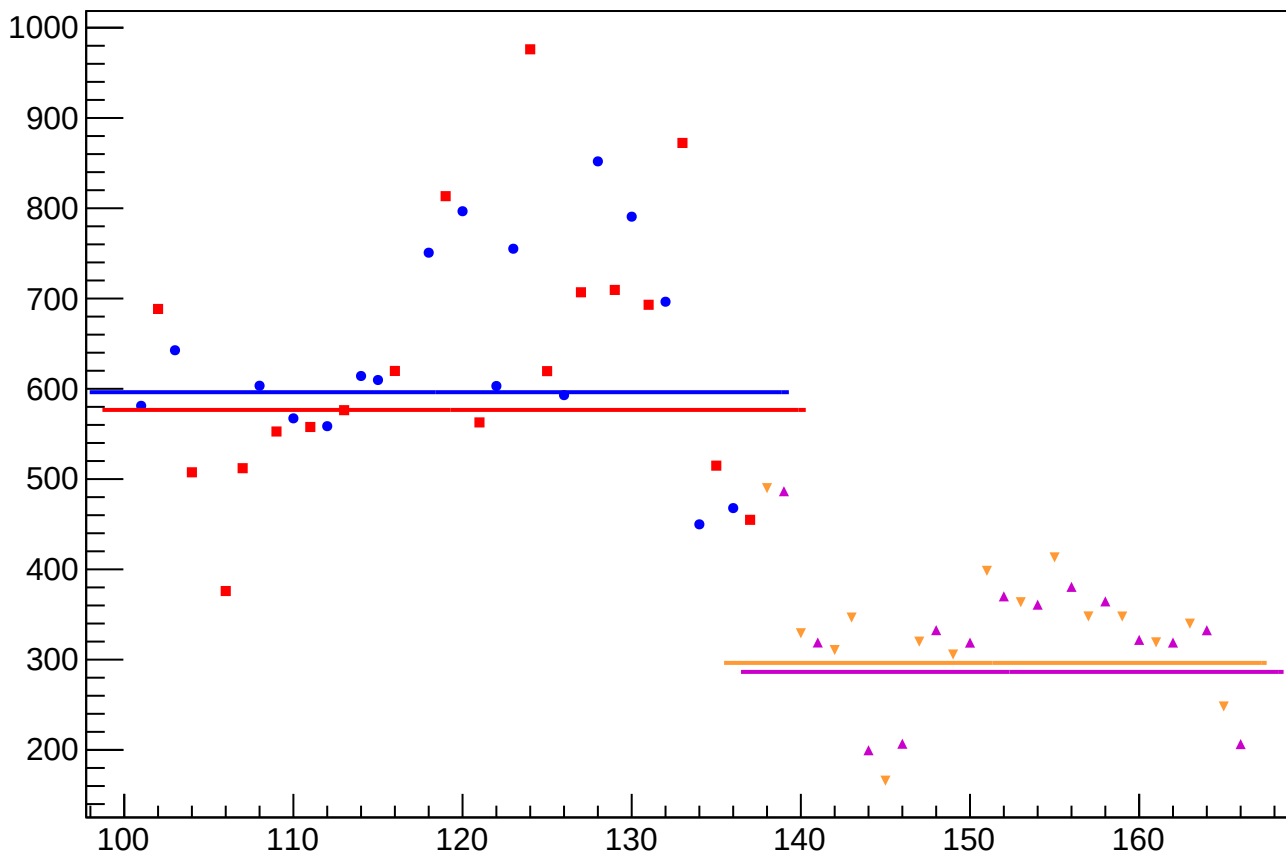
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -23.409 $\pm$ 83.966 χ^2 /NDF:35.0/30

Out: -389.827 $\pm$ 84.997 χ^2 /NDF:56.3/32

All: -204.382 $\pm$ 59.734 χ^2 /NDF: 100.7/63

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: 296.391 $\pm$ 0.065 χ^2 /NDF:1663488.9/14

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 286.413 $\pm$ 0.064 χ^2 /NDF:1423298.0/13

Left: 291.288 $\pm$ 0.045 χ^2 /NDF: 3098831.6/28

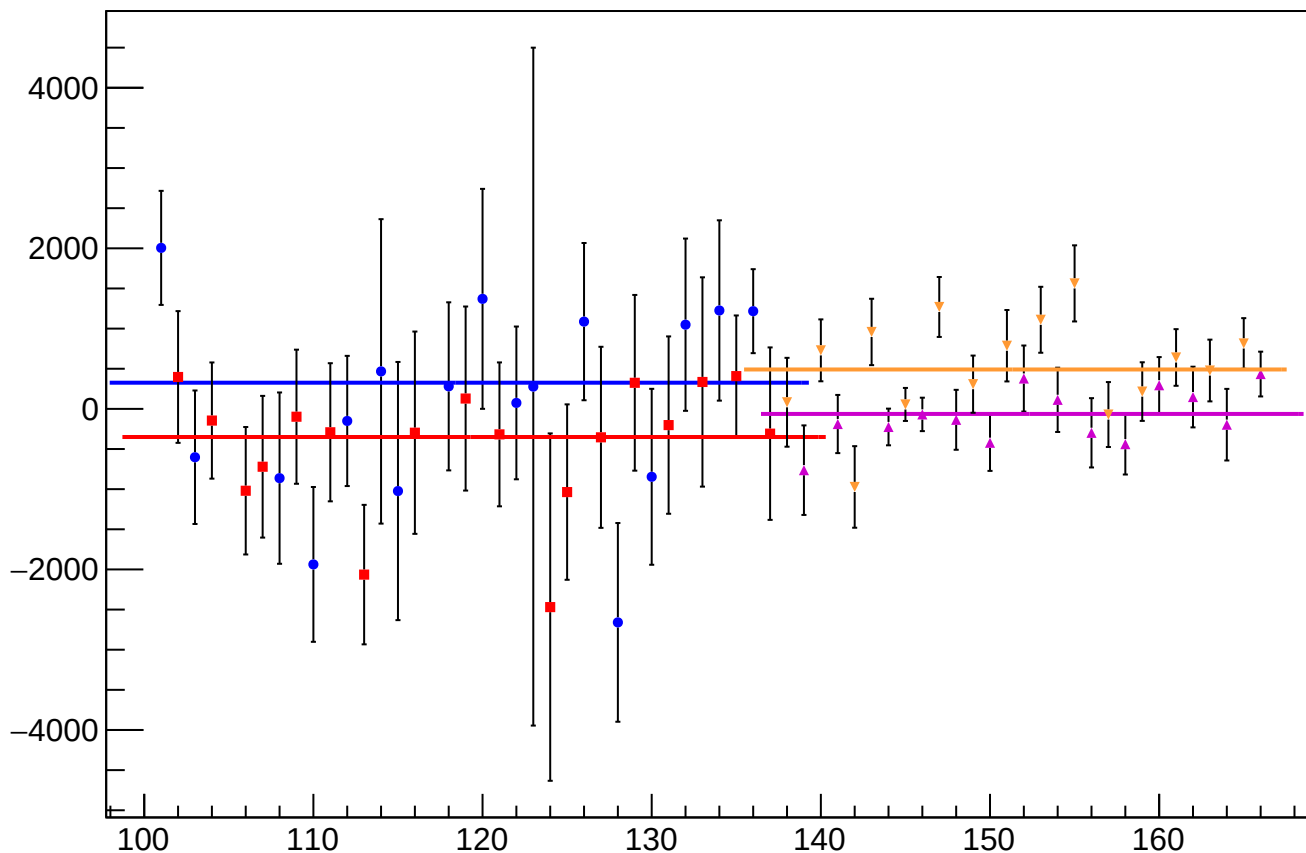
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 325.832 $\pm$ 0.059 χ^2 /NDF:4869285.2/30

Out: 337.179 $\pm$ 0.060 χ^2 /NDF:4940716.4/32

All: 331.436 $\pm$ 0.042 χ^2 /NDF: 9828040.8/63

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 490.831+/-94.363 χ^2/NDF :31.2/14

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -62.948+/-89.136 χ^2/NDF :10.5/13

Left: 198.178+/-64.798 χ^2/NDF : 59.9/28

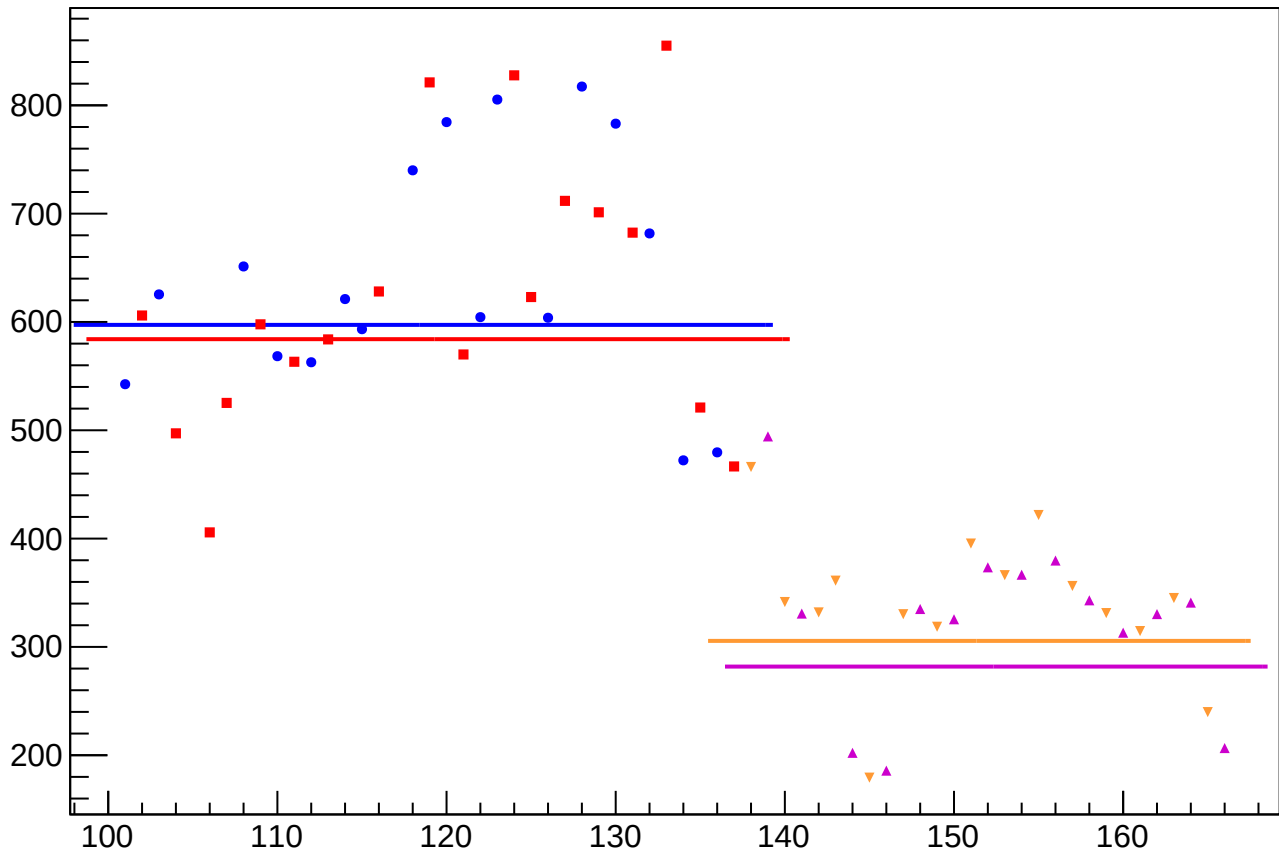
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -14.236+/-83.369 χ^2/NDF :39.8/30

Out: 365.242+/-87.035 χ^2/NDF :52.0/32

All: 167.342+/-60.205 χ^2/NDF : 101.7/63

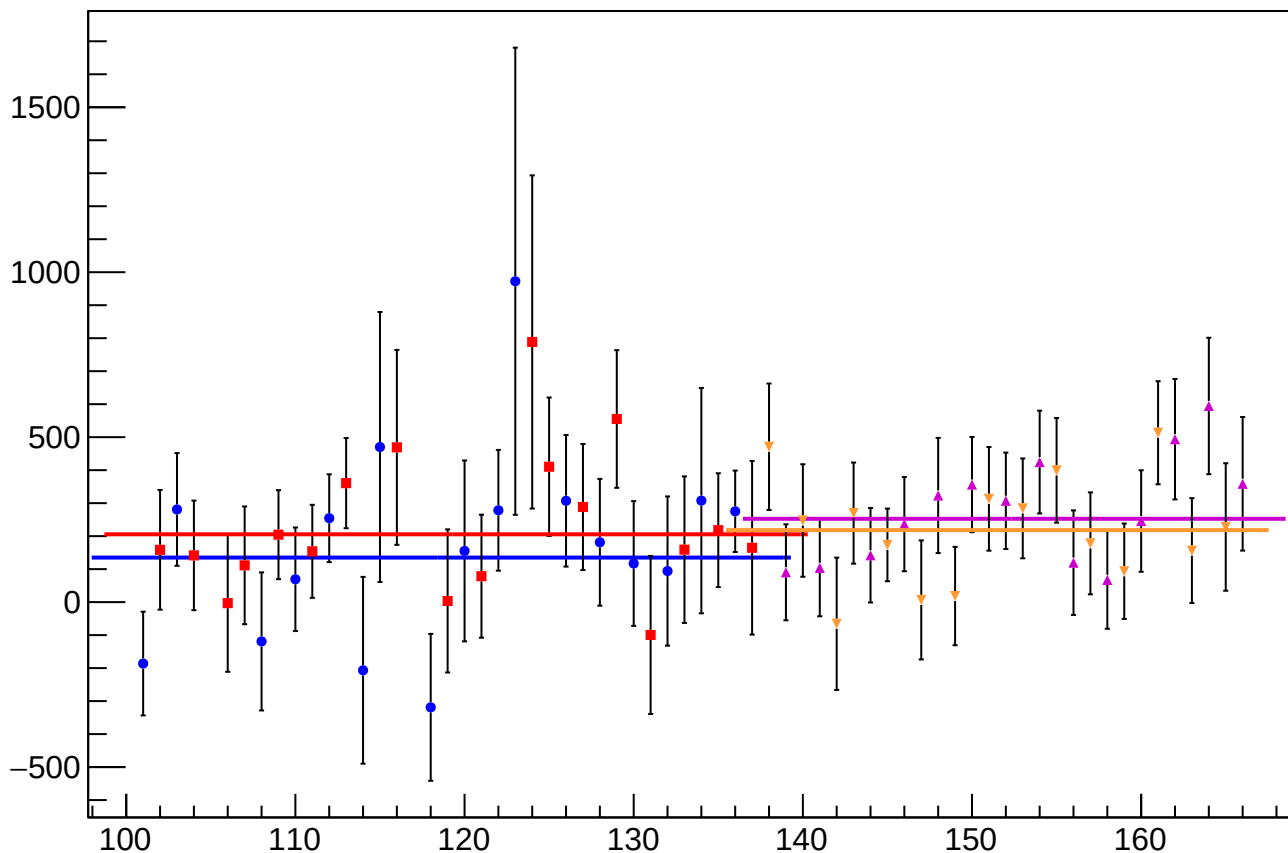
asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16
 Left Out: 305.556 $\pm$ 0.067 χ^2/NDF :1388341.7/14
 Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17
 Left In: 281.842 $\pm$ 0.063 χ^2/NDF :1640336.6/13

Left: 293.024 $\pm$ 0.046 χ^2/NDF : 3095429.7/28
 Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34
 In: 321.342 $\pm$ 0.059 χ^2/NDF :5140604.9/30
 Out: 347.143 $\pm$ 0.062 χ^2/NDF :4437108.4/32
 All: 333.688 $\pm$ 0.043 χ^2/NDF : 9669371.5/63

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: 218.281 $\pm$ 40.545 χ^2 /NDF:13.6/14

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 252.601 $\pm$ 42.043 χ^2 /NDF:11.9/13

Left: 234.818 $\pm$ 29.185 χ^2 /NDF: 25.9/28

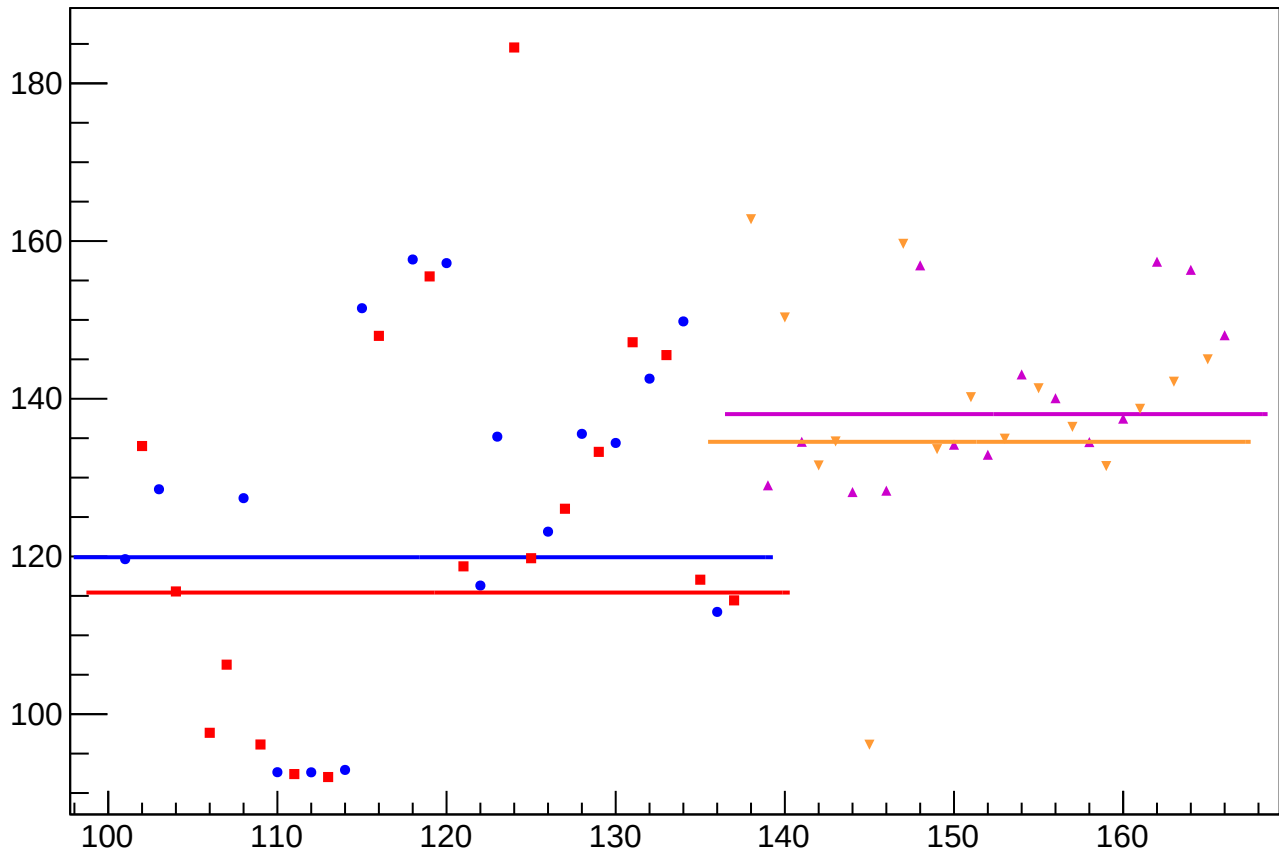
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 200.370 $\pm$ 31.343 χ^2 /NDF:33.5/30

Out: 212.529 $\pm$ 29.981 χ^2 /NDF:25.7/32

All: 206.719 $\pm$ 21.665 χ^2 /NDF: 59.2/63

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: 134.539 $\pm$ 0.029 χ^2 /NDF:362730.3/14

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 138.052 $\pm$ 0.030 χ^2 /NDF:101476.9/13

Left: 136.232 $\pm$ 0.021 χ^2 /NDF: 471442.9/28

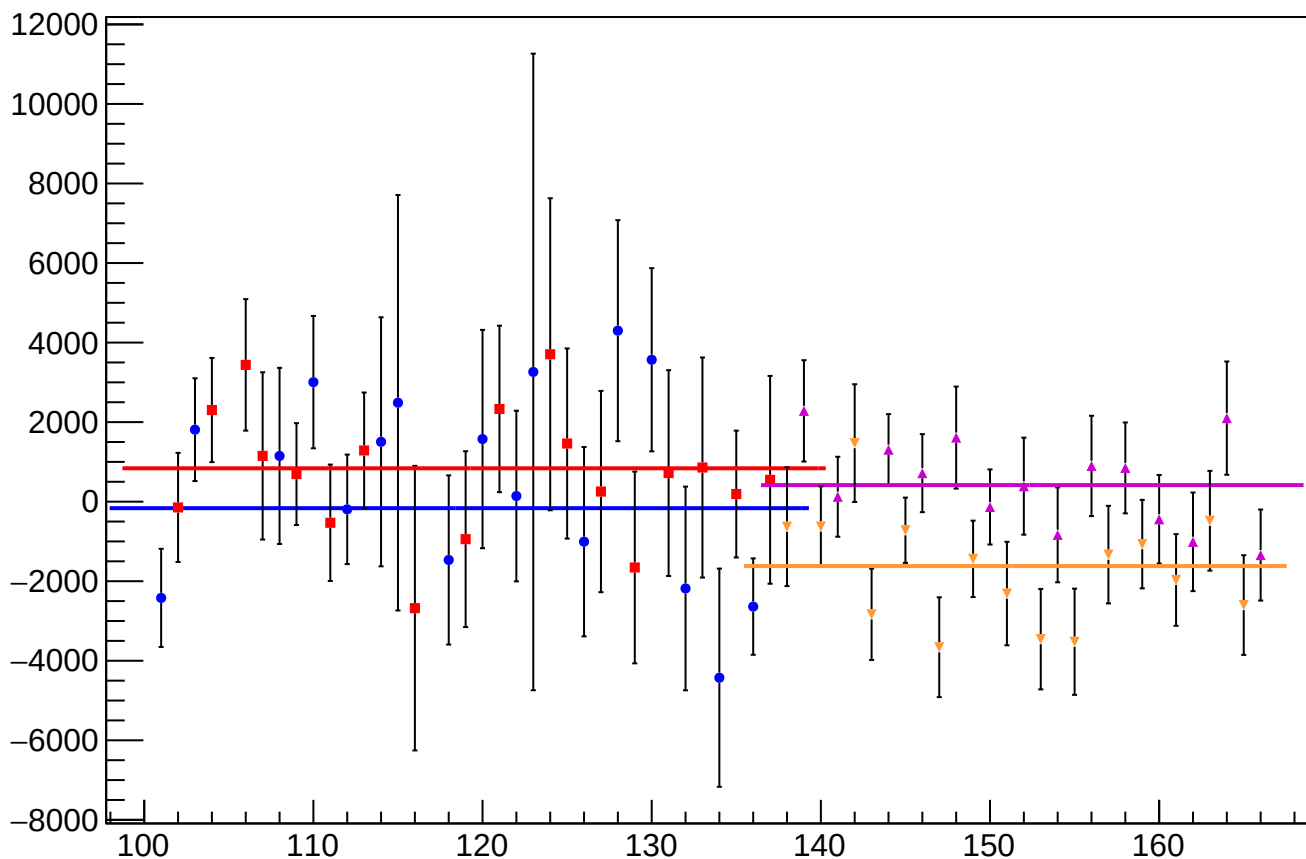
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 129.990 $\pm$ 0.022 χ^2 /NDF:612552.1/30

Out: 125.875 $\pm$ 0.021 χ^2 /NDF:982337.5/32

All: 127.841 $\pm$ 0.015 χ^2 /NDF: 1612886.2/63

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1619.319 ± 299.825 $\chi^2/\text{NDF}: 17.0/14$

Right Out: 839.187 ± 440.476 $\chi^2/\text{NDF}: 9.3/17$

Left In: 416.198 ± 300.088 $\chi^2/\text{NDF}: 11.6/13$

Left: -602.451 ± 212.101 $\chi^2/\text{NDF}: 51.6/28$

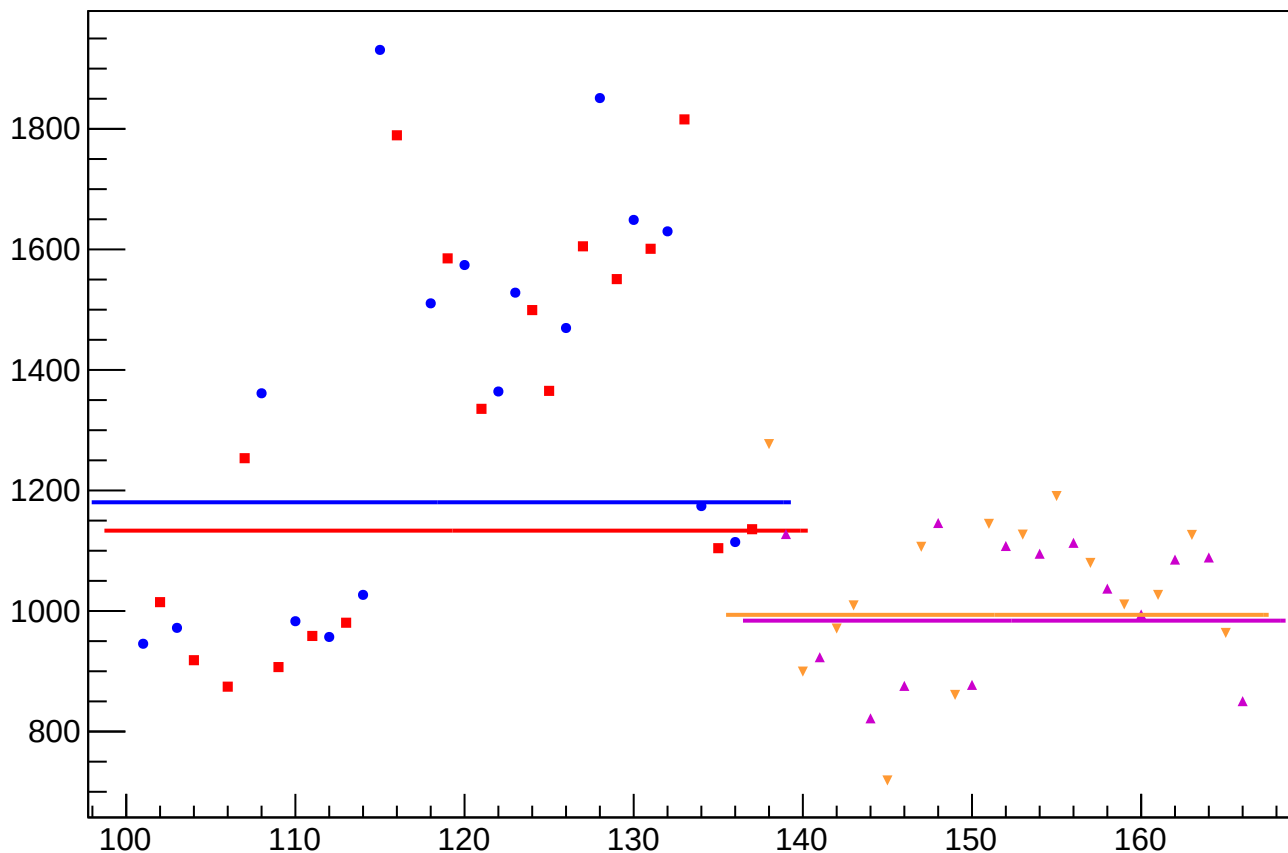
Right: 369.872 ± 321.264 $\chi^2/\text{NDF}: 35.4/34$

In: 248.098 ± 252.866 $\chi^2/\text{NDF}: 36.4/30$

Out: -840.886 ± 247.855 $\chi^2/\text{NDF}: 47.6/32$

All: -307.292 ± 177.005 $\chi^2/\text{NDF}: 93.4/63$

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: 993.638 $\pm$ 0.212 χ^2/NDF : 497192.4/14

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 983.979 $\pm$ 0.212 χ^2/NDF : 294915.4/13

Left: 988.813 $\pm$ 0.150 χ^2/NDF : 793144.6/28

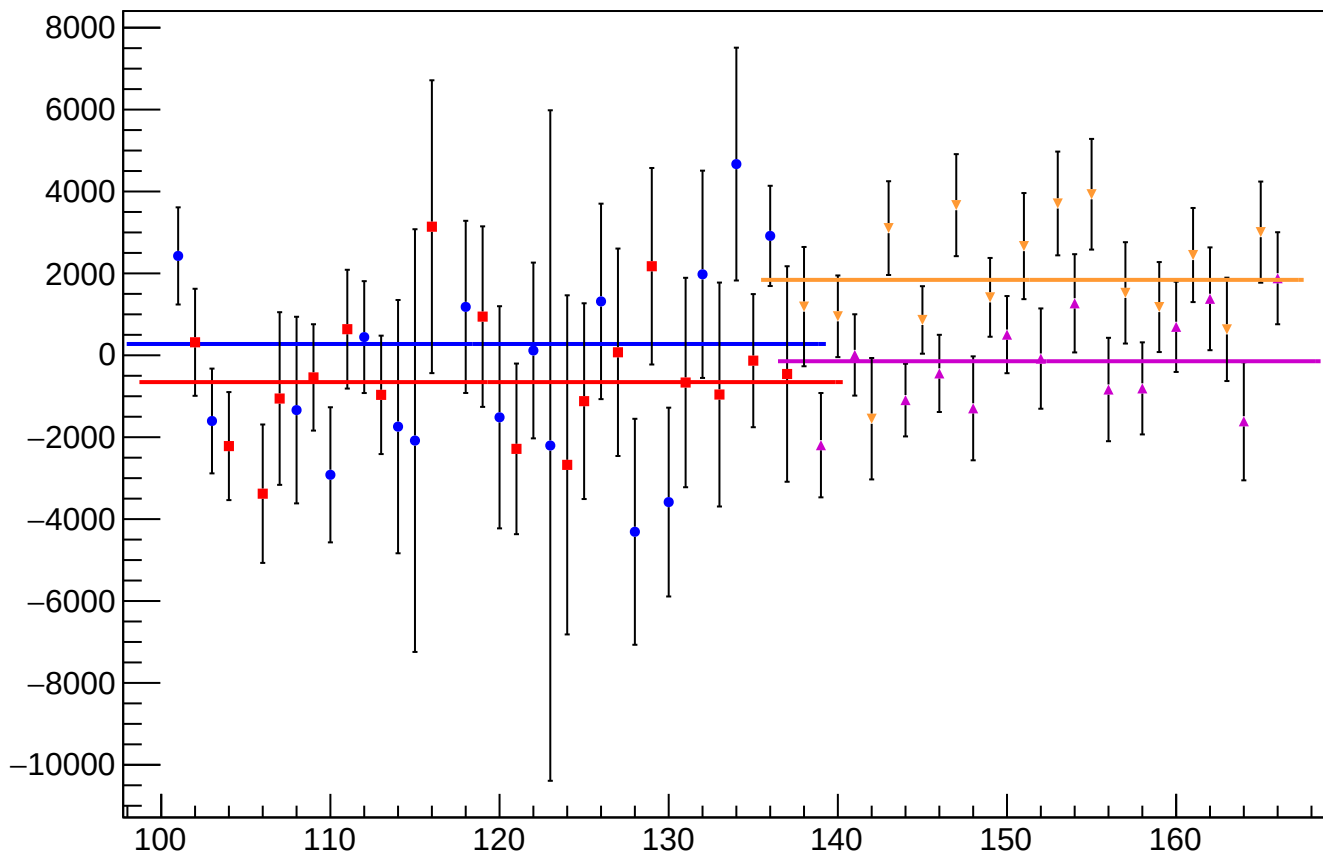
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1040.934 $\pm$ 0.179 χ^2/NDF : 1212223.1/30

Out: 1037.874 $\pm$ 0.175 χ^2/NDF : 1395085.2/32

All: 1039.373 $\pm$ 0.125 χ^2/NDF : 2607457.8/63

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1841.991 $\pm$ 299.073 χ^2 /NDF:18.7/14

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -144.857 $\pm$ 297.688 χ^2 /NDF:13.5/13

Left: 843.954 $\pm$ 210.985 χ^2 /NDF: 54.4/28

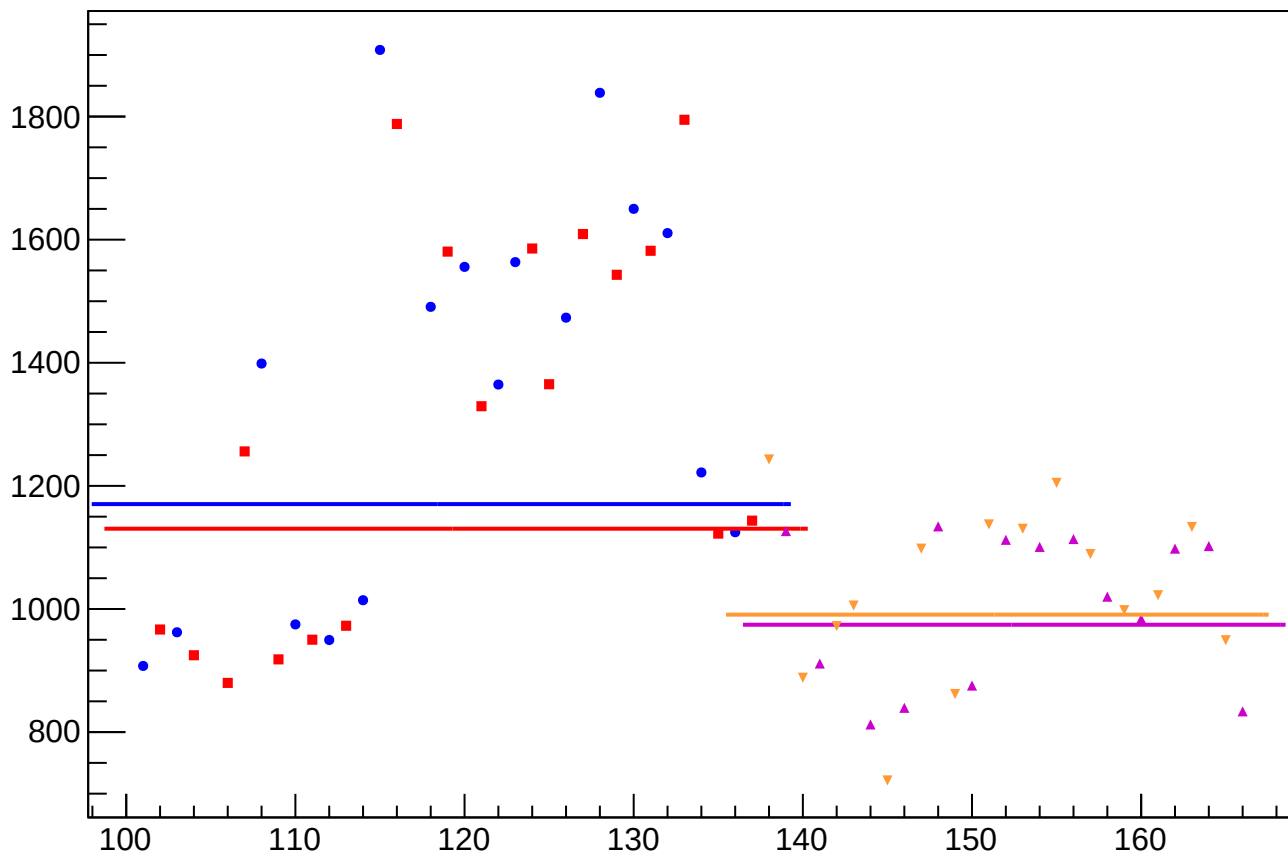
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -22.922 $\pm$ 250.935 χ^2 /NDF:38.4/30

Out: 1052.674 $\pm$ 247.313 χ^2 /NDF:50.3/32

All: 522.693 $\pm$ 176.143 χ^2 /NDF: 98.0/63

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 990.813 $\pm$ 0.211 χ^2 /NDF: 487917.4/14

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 974.425 $\pm$ 0.210 χ^2 /NDF: 339816.3/13

Left: 982.581 $\pm$ 0.149 χ^2 /NDF: 830750.4/28

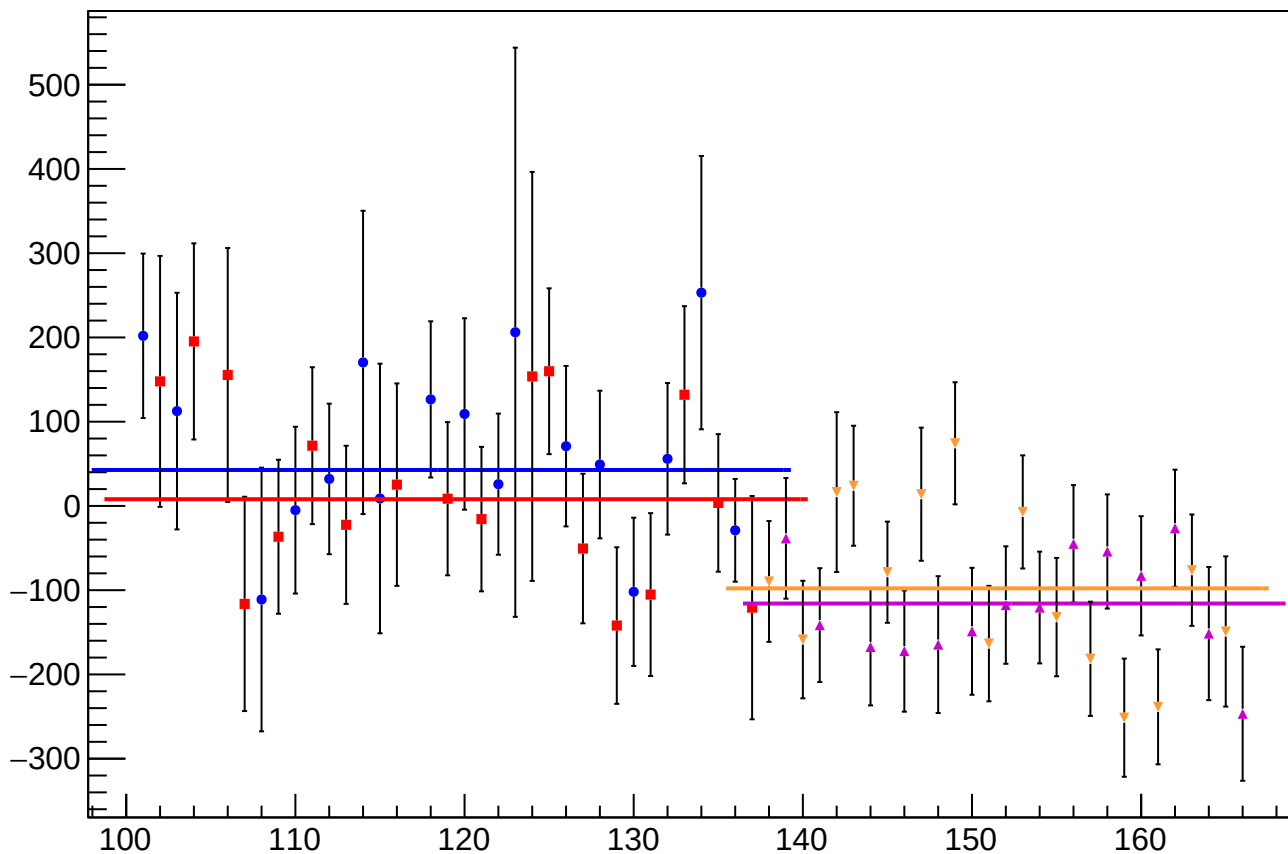
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1031.149 $\pm$ 0.177 χ^2 /NDF: 1296195.9/30

Out: 1034.966 $\pm$ 0.175 χ^2 /NDF: 1388809.1/32

All: 1033.085 $\pm$ 0.125 χ^2 /NDF: 2685239.7/63

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -97.836 ± 18.368 $\chi^2/\text{NDF}: 26.9/14$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -115.848 ± 19.158 $\chi^2/\text{NDF}: 9.7/13$

Left: -106.463 ± 13.259 $\chi^2/\text{NDF}: 37.0/28$

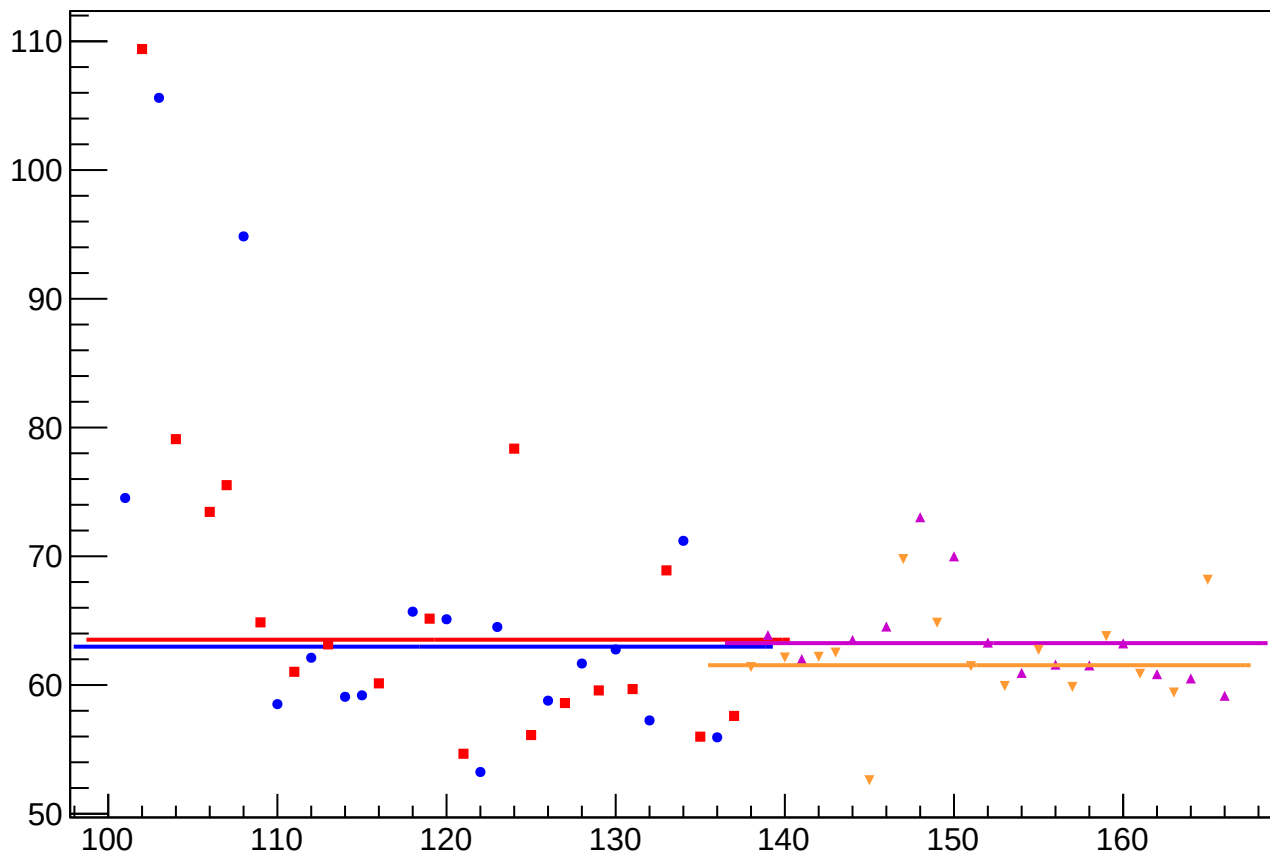
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -56.306 ± 15.138 $\chi^2/\text{NDF}: 47.4/30$

Out: -59.740 ± 14.695 $\chi^2/\text{NDF}: 54.6/32$

All: -58.074 ± 10.544 $\chi^2/\text{NDF}: 102.0/63$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 61.538 ± 0.013 $\chi^2/\text{NDF}: 89206.0/14$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 63.254 ± 0.014 $\chi^2/\text{NDF}: 61513.0/13$

Left: 62.360 ± 0.009 $\chi^2/\text{NDF}: 159074.3/28$

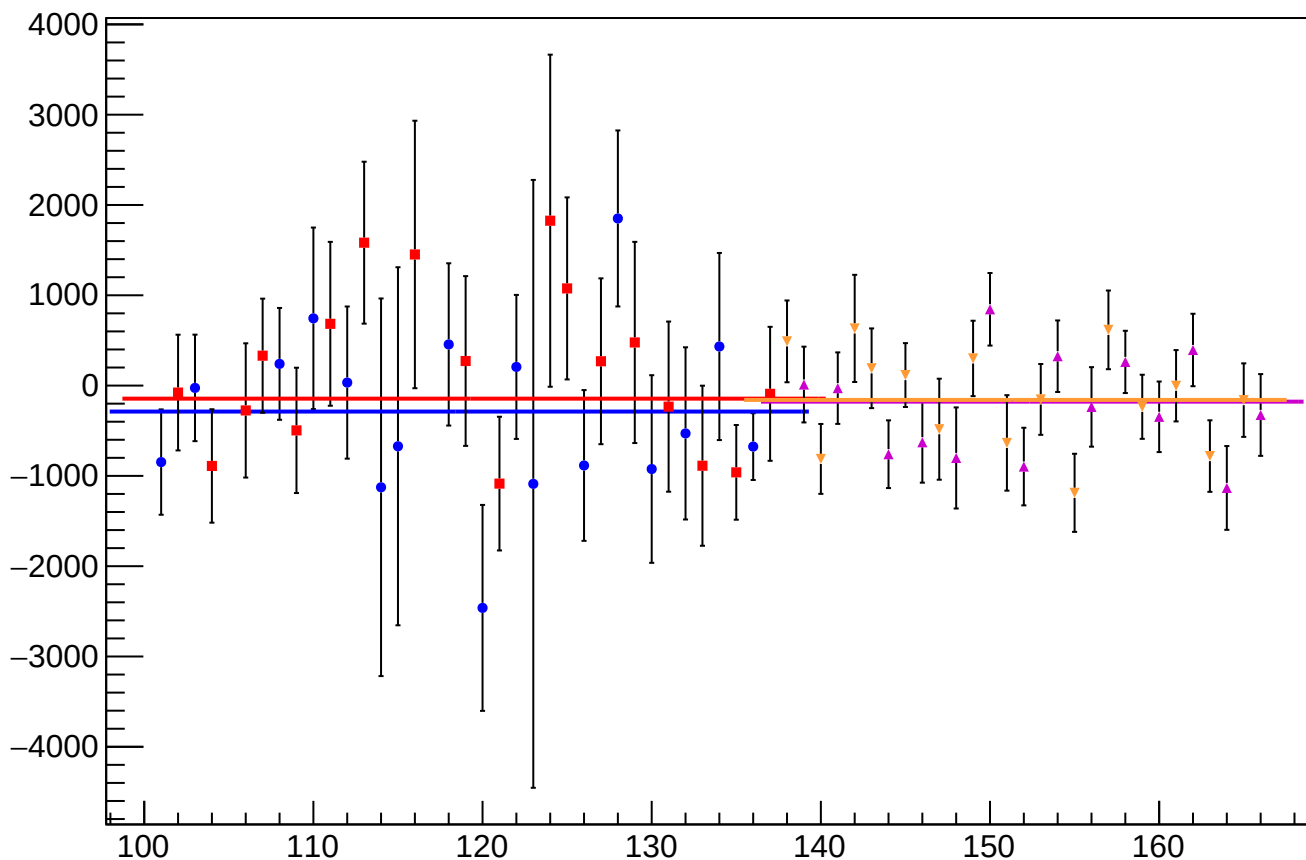
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 63.151 ± 0.011 $\chi^2/\text{NDF}: 436929.7/30$

Out: 62.253 ± 0.010 $\chi^2/\text{NDF}: 433034.9/32$

All: 62.688 ± 0.007 $\chi^2/\text{NDF}: 873592.3/63$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -158.830 $\pm$ 109.168 χ^2 /NDF:21.8/14

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -177.884 $\pm$ 110.961 χ^2 /NDF:24.1/13

Left: -168.202 $\pm$ 77.819 χ^2 /NDF: 45.9/28

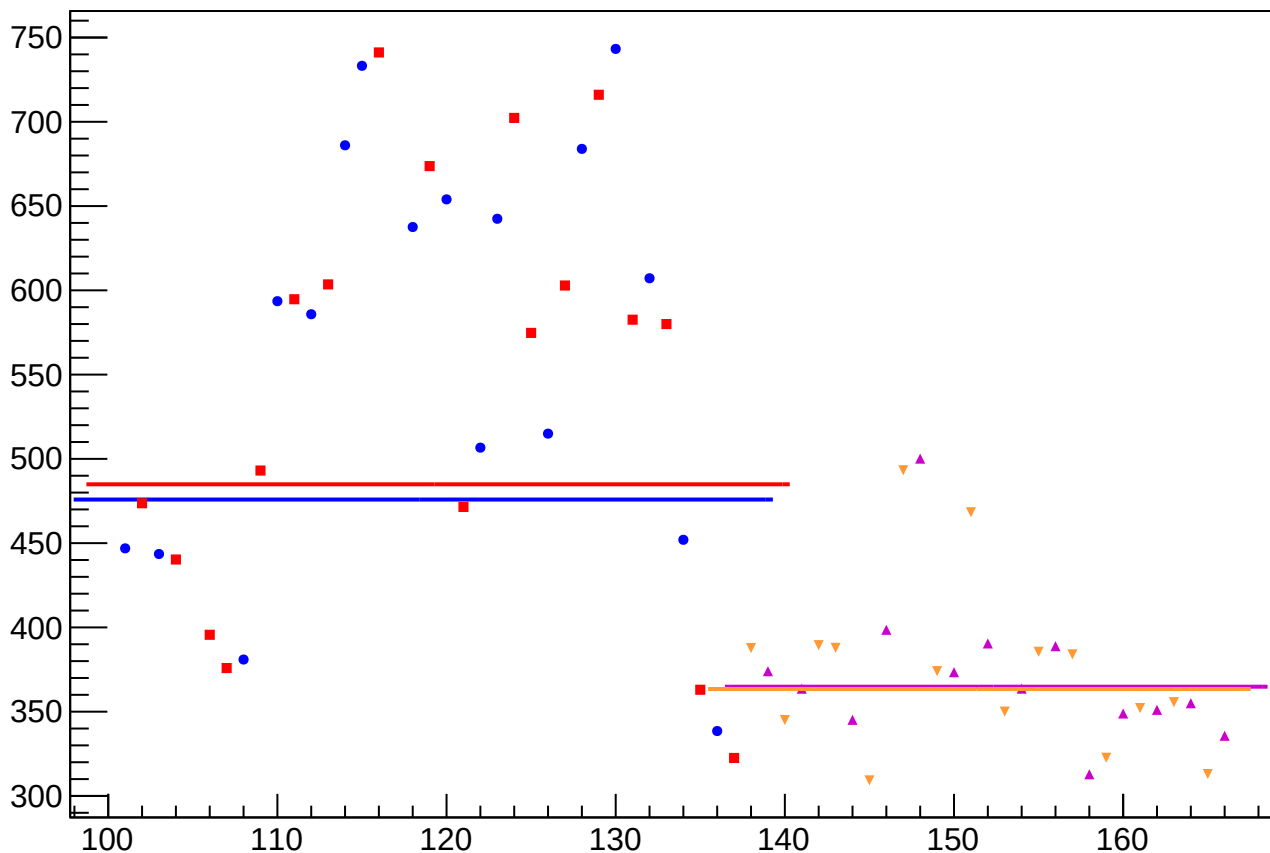
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -205.833 $\pm$ 95.803 χ^2 /NDF:39.7/30

Out: -155.241 $\pm$ 94.377 χ^2 /NDF:37.8/32

All: -180.158 $\pm$ 67.233 χ^2 /NDF: 77.7/63

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: 363.461+/-0.077 χ^2/NDF : 326577.2/14

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 364.824+/-0.078 χ^2/NDF : 209086.6/13

Left: 364.131+/-0.055 χ^2/NDF : 535817.1/28

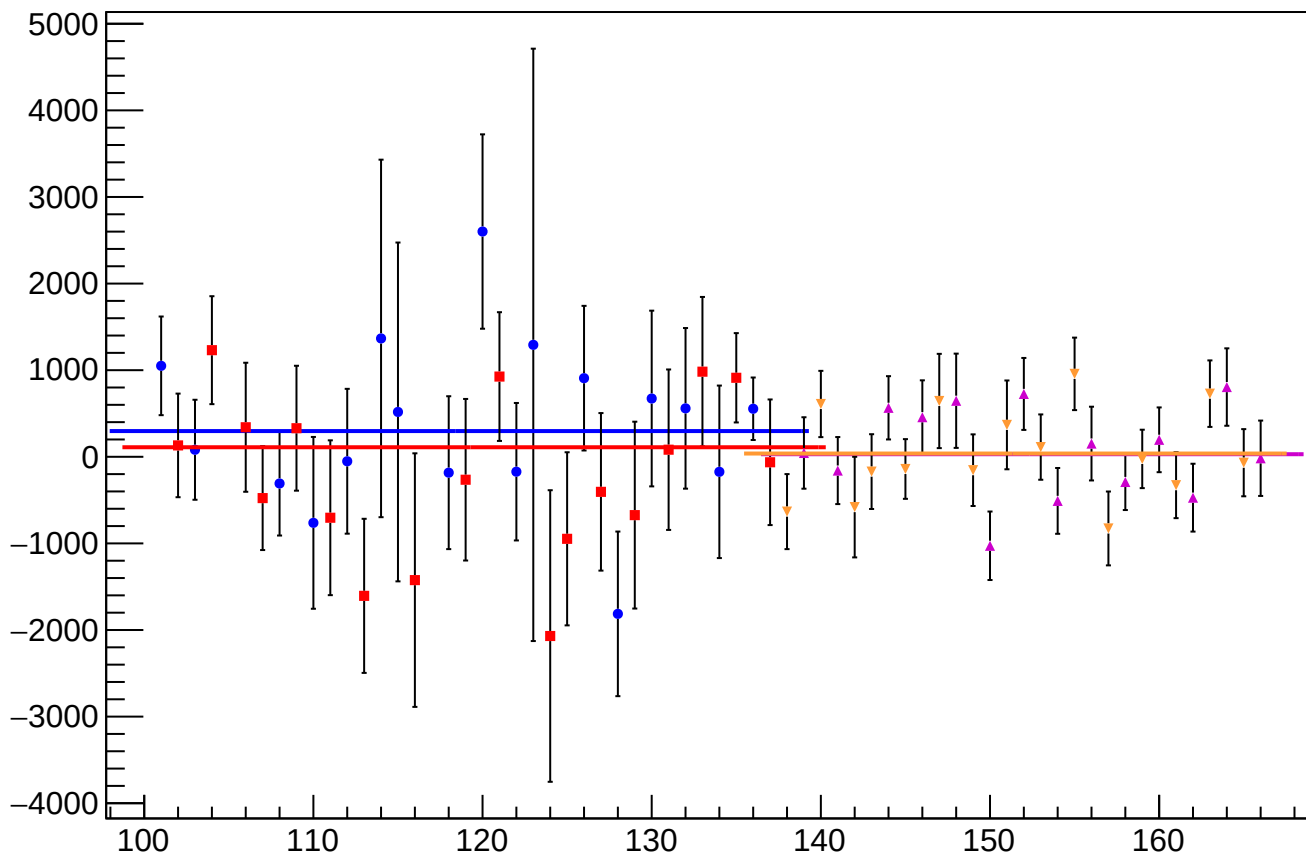
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 393.090+/-0.068 χ^2/NDF : 1556779.0/30

Out: 394.141+/-0.067 χ^2/NDF : 1668224.3/32

All: 393.623+/-0.048 χ^2/NDF : 3225125.4/63

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: 37.630 $\pm$ 105.820 χ^2 /NDF:21.4/14

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 29.750 $\pm$ 107.174 χ^2 /NDF:22.6/13

Left: 33.740 $\pm$ 75.300 χ^2 /NDF: 44.0/28

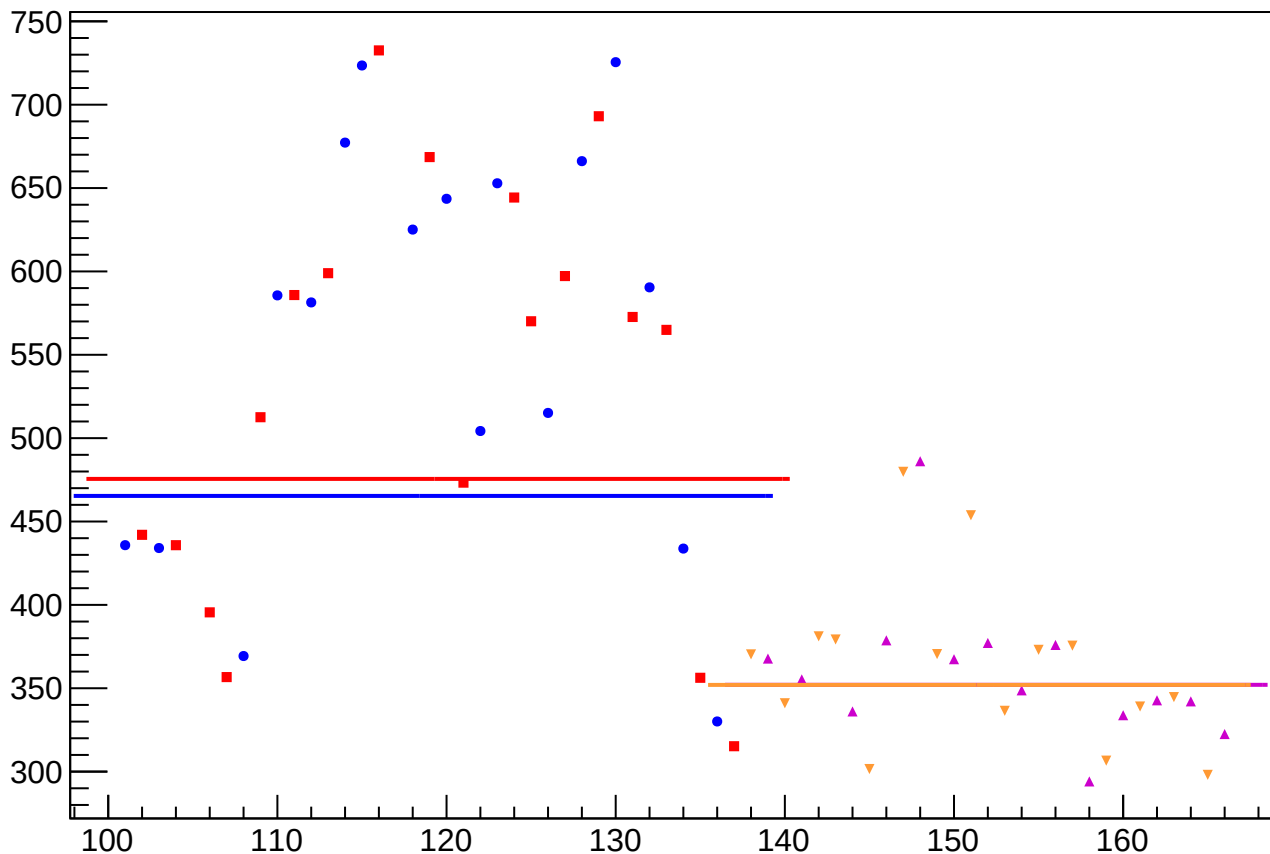
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 96.373 $\pm$ 92.858 χ^2 /NDF:40.0/30

Out: 55.593 $\pm$ 91.781 χ^2 /NDF:40.1/32

All: 75.745 $\pm$ 65.277 χ^2 /NDF: 80.1/63

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: 352.006 $\pm$ 0.075 χ^2/NDF : 346738.1/14

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 352.053 $\pm$ 0.076 χ^2/NDF : 232981.0/13

Left: 352.029 $\pm$ 0.053 χ^2/NDF : 579719.3/28

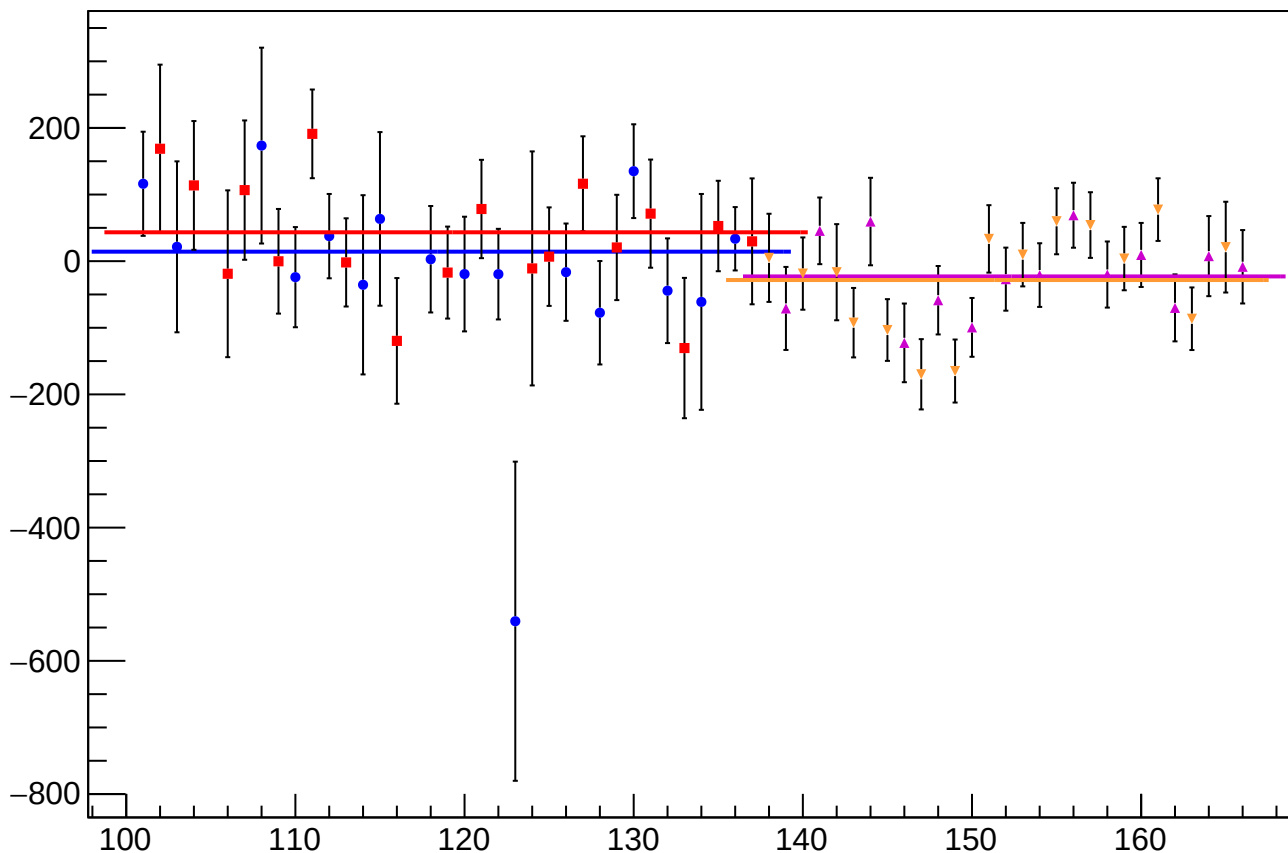
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 380.300 $\pm$ 0.066 χ^2/NDF : 1650666.3/30

Out: 382.614 $\pm$ 0.065 χ^2/NDF : 1763023.0/32

All: 381.471 $\pm$ 0.046 χ^2/NDF : 3414317.8/63

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -28.341+/-13.349 χ^2/NDF : 35.6/14

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -22.912+/-13.850 χ^2/NDF : 15.6/13

Left: -25.727+/-9.611 χ^2/NDF : 51.3/28

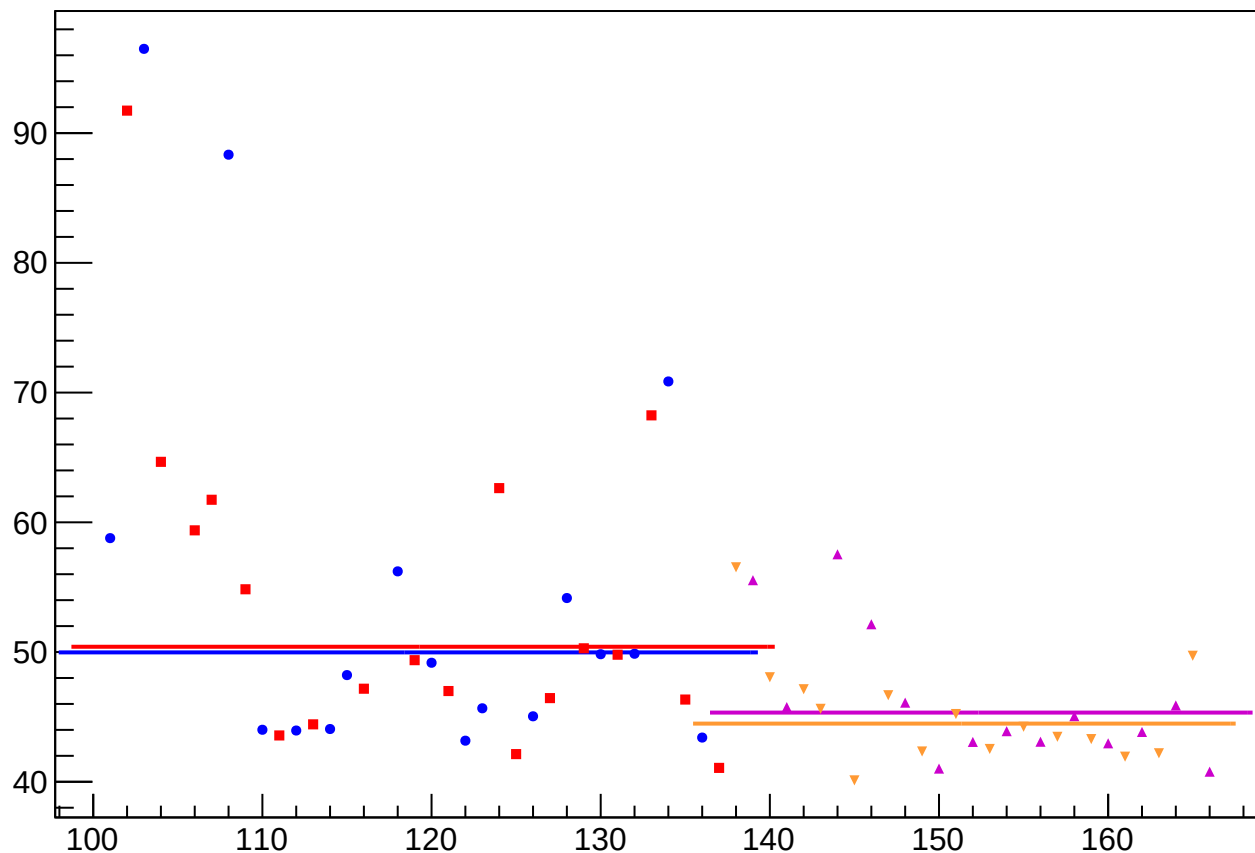
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -10.756+/-11.362 χ^2/NDF : 32.7/30

Out: -5.708+/-11.042 χ^2/NDF : 60.9/32

All: -8.160+/-7.918 χ^2/NDF : 93.8/63

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: 44.484+/-0.009 χ^2/NDF : 132417.0/14

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 45.333+/-0.010 χ^2/NDF : 200120.4/13

Left: 44.893+/-0.007 χ^2/NDF : 336436.6/28

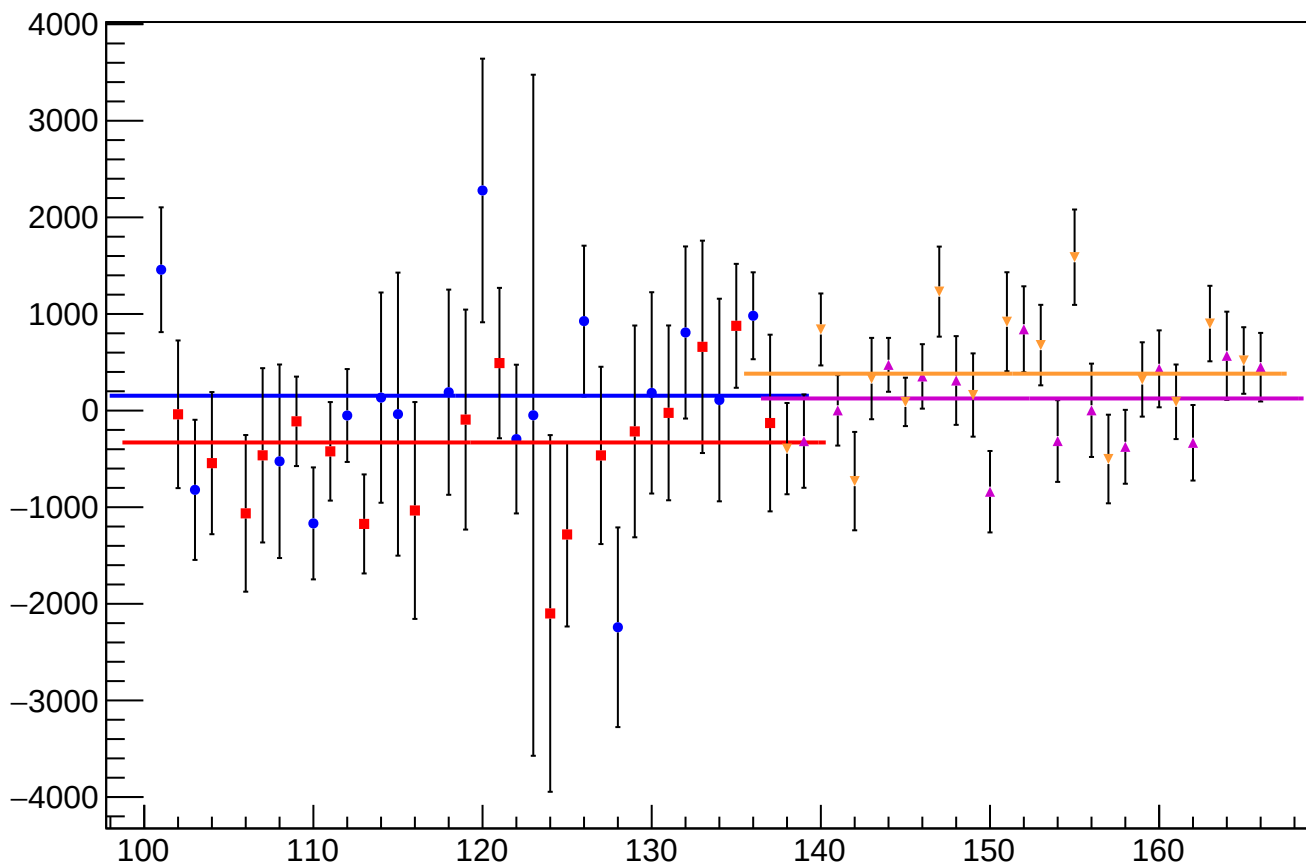
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 46.851+/-0.008 χ^2/NDF : 852280.0/30

Out: 46.355+/-0.008 χ^2/NDF : 724277.2/32

All: 46.596+/-0.006 χ^2/NDF : 1578519.5/63

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: 382.123 $\pm$ 103.154 χ^2 /NDF:27.7/14

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 125.466 $\pm$ 104.621 χ^2 /NDF:17.6/13

Left: 255.607 $\pm$ 73.454 χ^2 /NDF: 48.3/28

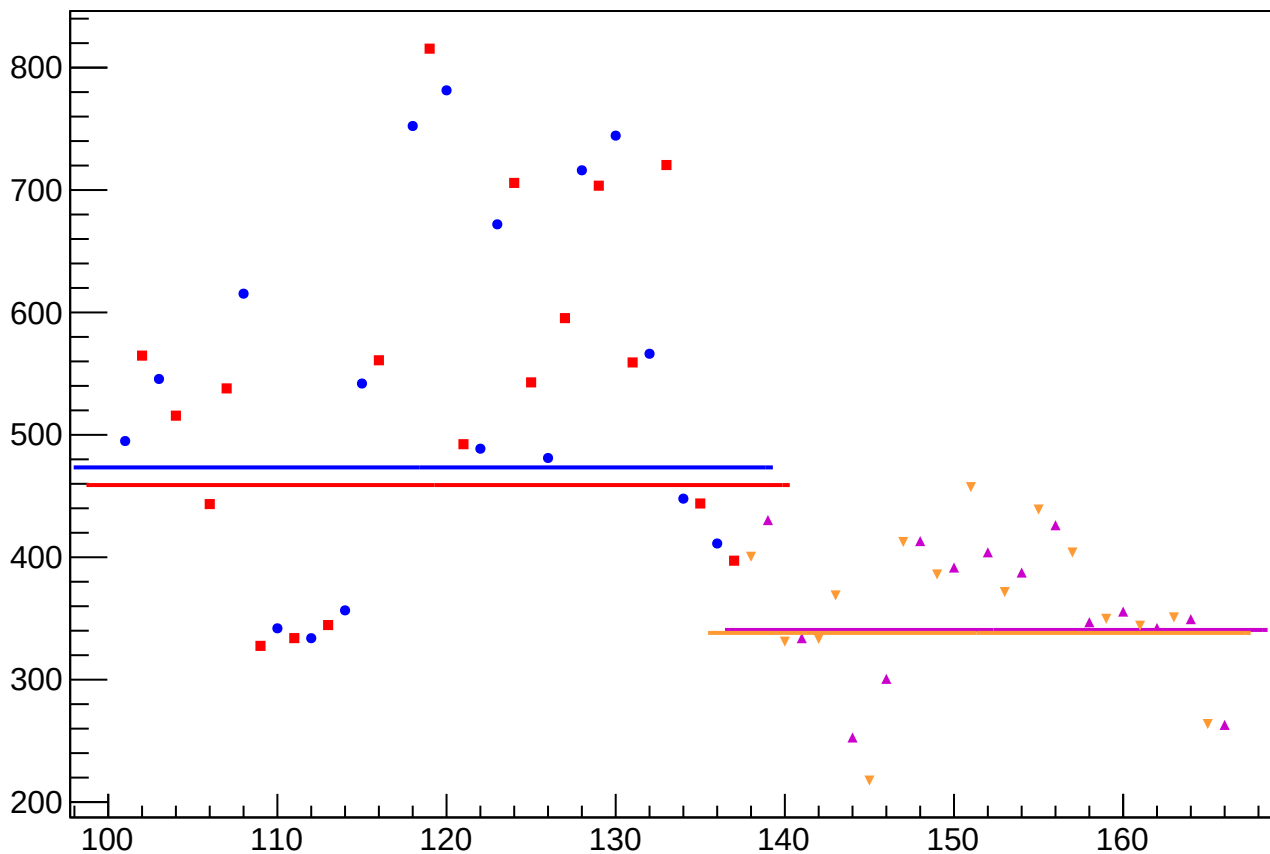
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 132.070 $\pm$ 91.642 χ^2 /NDF:42.4/30

Out: 205.778 $\pm$ 89.474 χ^2 /NDF:51.6/32

All: 169.806 $\pm$ 64.020 χ^2 /NDF: 94.3/63

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: 338.218+/-0.073 χ^2/NDF : 928313.6/14

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 340.631+/-0.074 χ^2/NDF : 603696.3/13

Left: 339.408+/-0.052 χ^2/NDF : 1532549.2/28

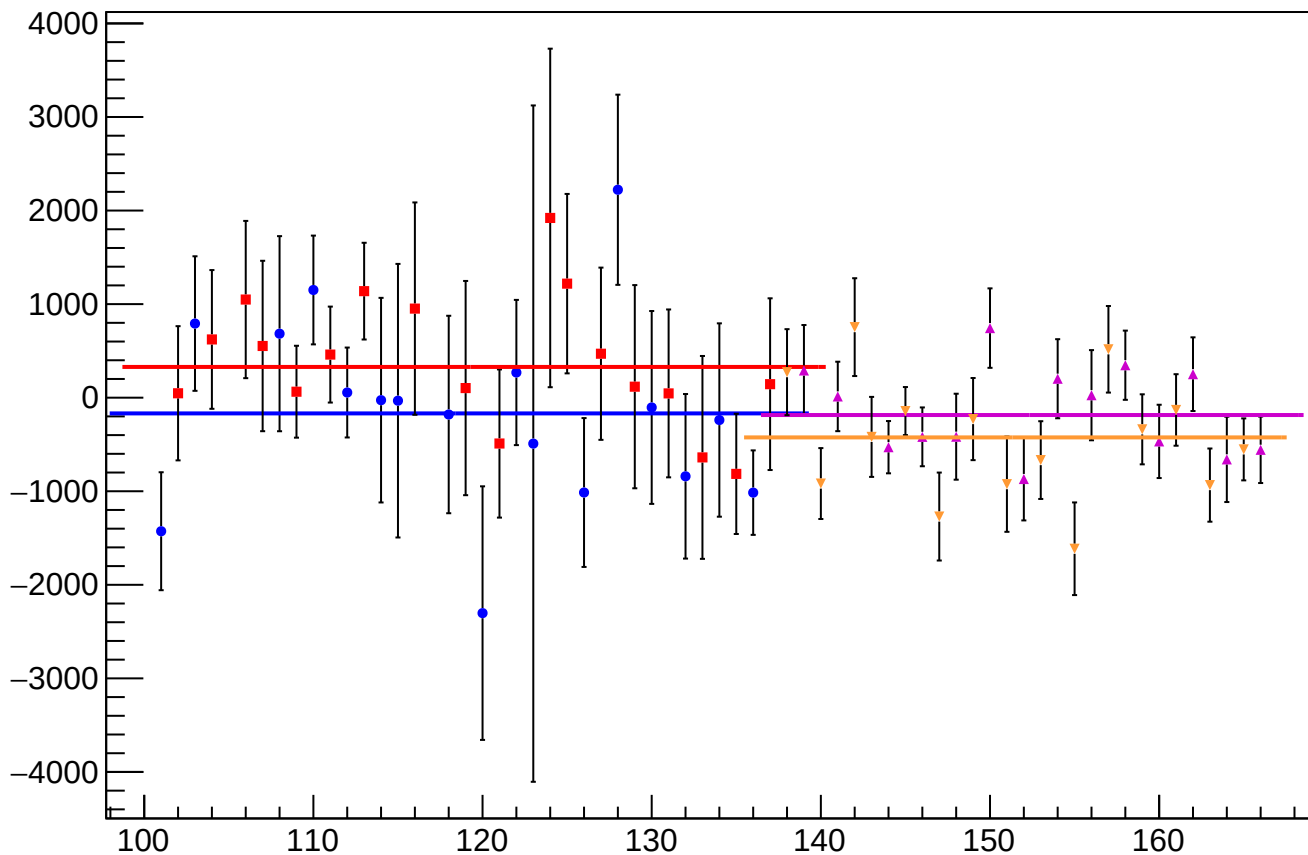
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 371.531+/-0.065 χ^2/NDF : 2268306.3/30

Out: 368.127+/-0.063 χ^2/NDF : 2613486.2/32

All: 369.788+/-0.045 χ^2/NDF : 4883205.8/63

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -424.569+/-103.286 χ^2/NDF : 27.4/14

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -185.443+/-103.843 χ^2/NDF : 17.8/13

Left: -305.649+/-73.230 χ^2/NDF : 47.9/28

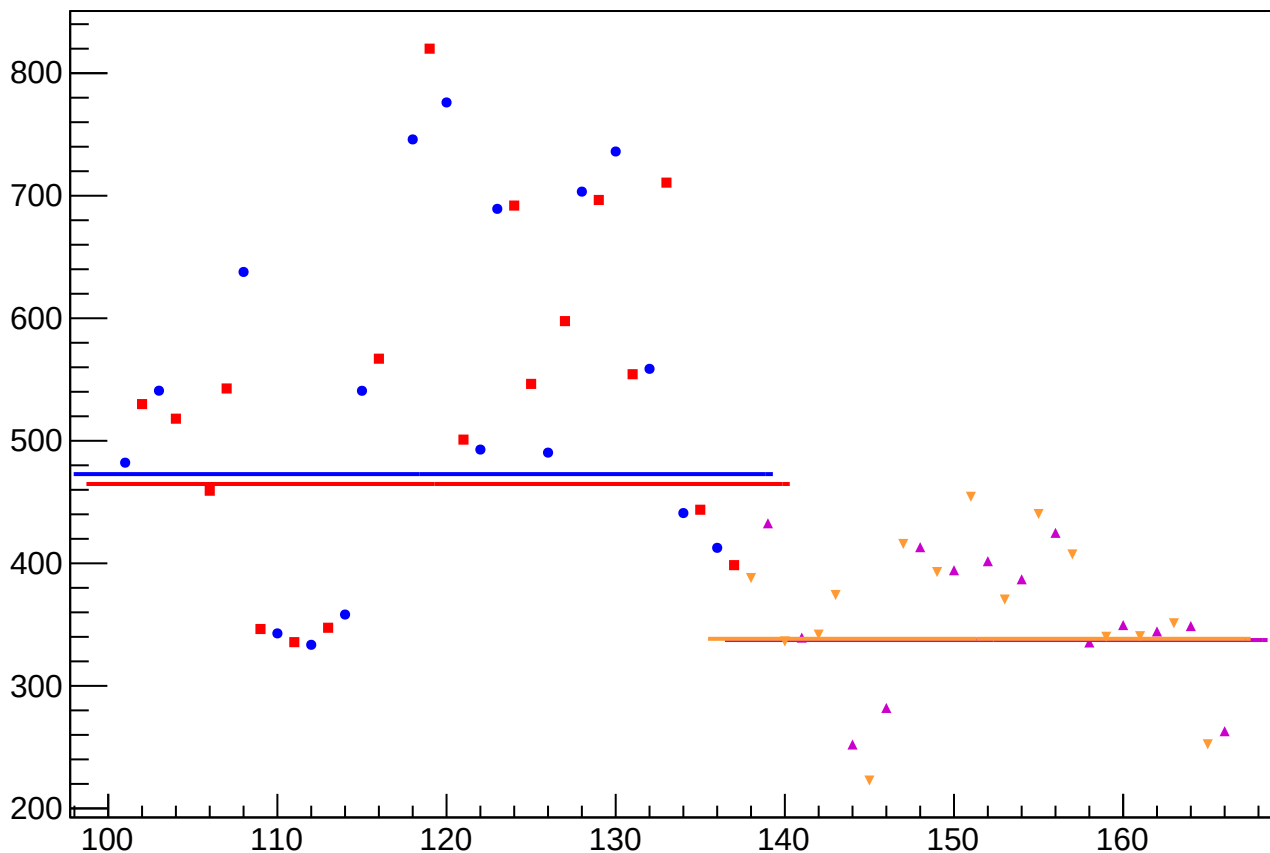
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -181.434+/-91.095 χ^2/NDF : 43.2/30

Out: -240.419+/-89.776 χ^2/NDF : 51.6/32

All: -211.357+/-63.942 χ^2/NDF : 95.0/63

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: 338.422 $\pm$ 0.073 χ^2/NDF : 909788.6/14

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 337.407 $\pm$ 0.073 χ^2/NDF : 643097.1/13

Left: 337.917 $\pm$ 0.052 χ^2/NDF : 1552981.6/28

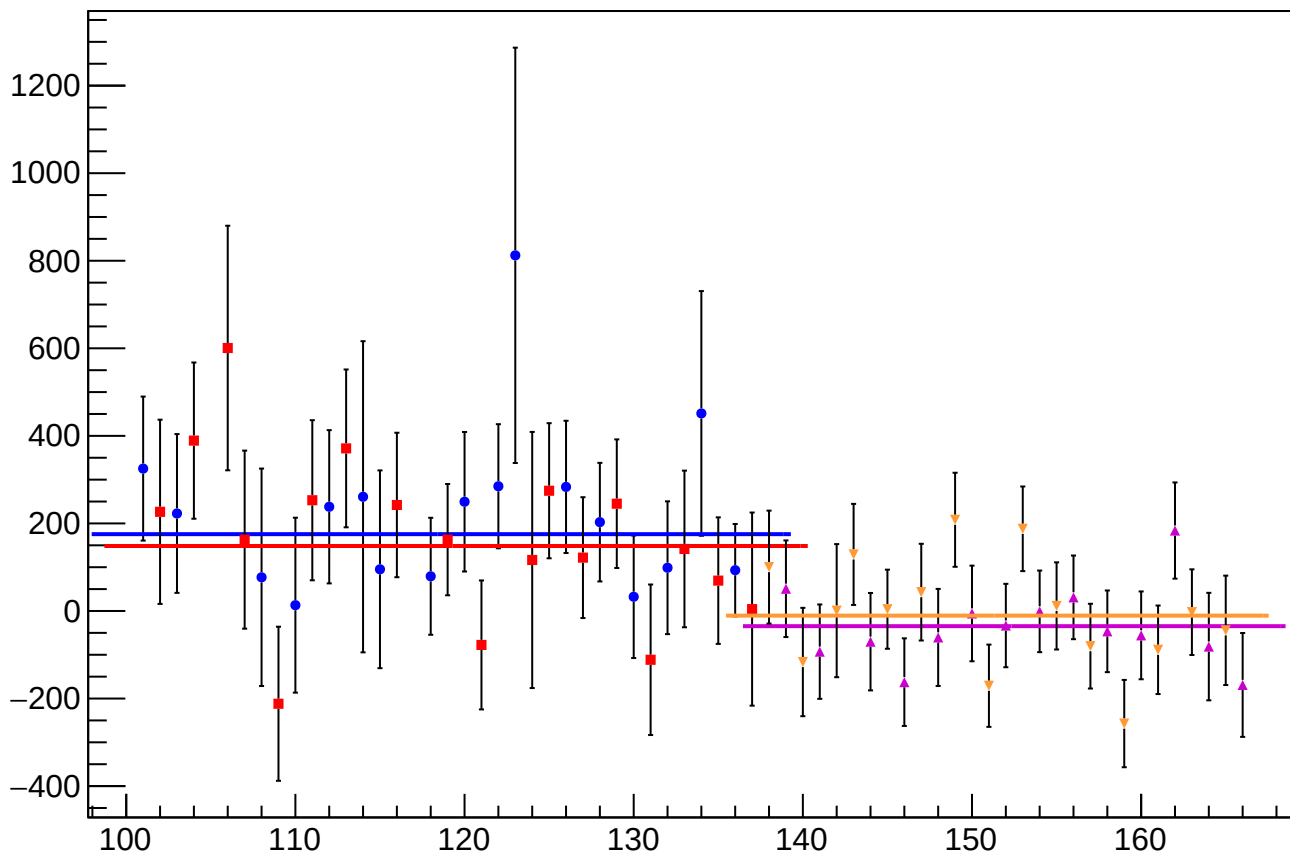
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 368.614 $\pm$ 0.064 χ^2/NDF : 2323225.2/30

Out: 369.312 $\pm$ 0.063 χ^2/NDF : 2556217.4/32

All: 368.968 $\pm$ 0.045 χ^2/NDF : 4879502.1/63

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: -10.586 $\pm$ 27.422 χ^2 /NDF:21.8/14

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -34.691 $\pm$ 27.913 χ^2 /NDF:8.8/13

Left: -22.424 $\pm$ 19.562 χ^2 /NDF: 31.0/28

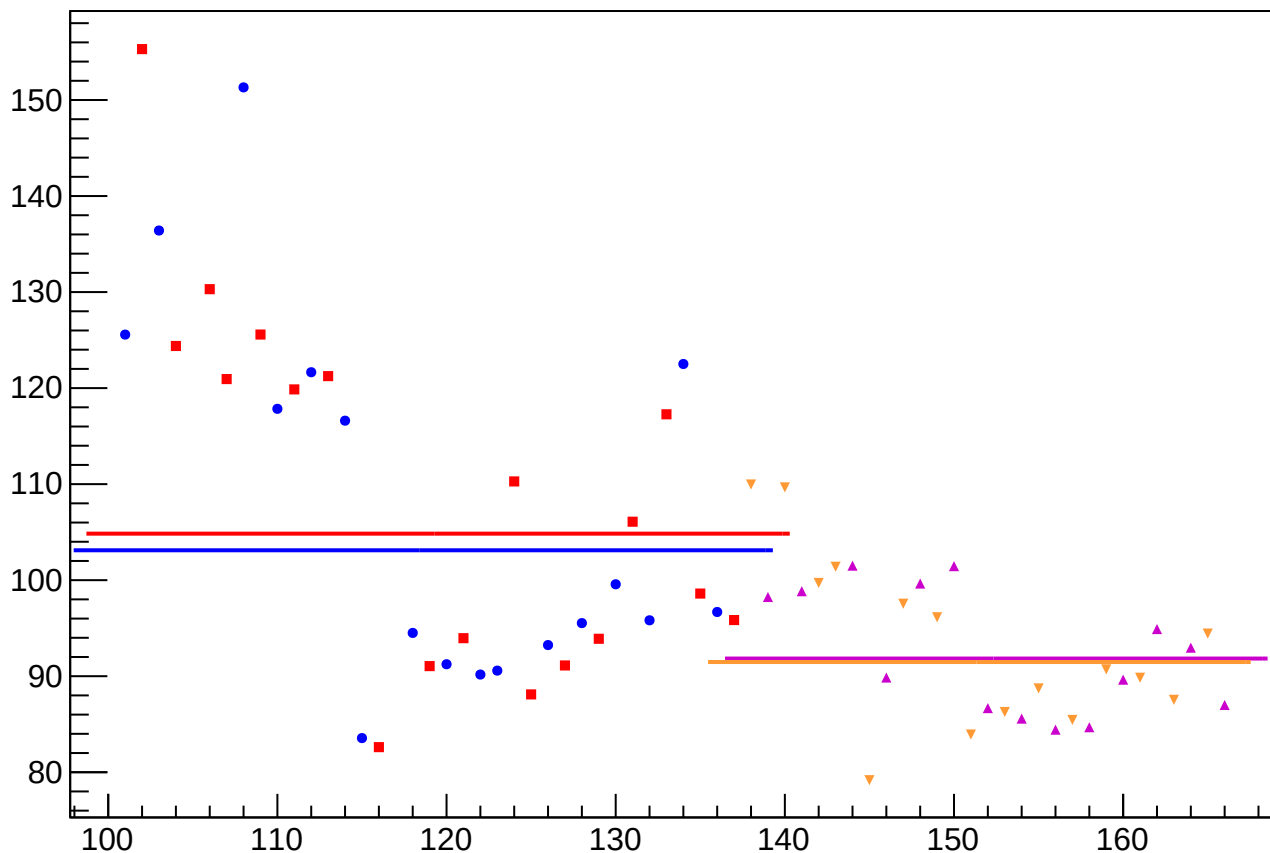
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 33.311 $\pm$ 22.957 χ^2 /NDF:35.7/30

Out: 39.689 $\pm$ 22.677 χ^2 /NDF:50.0/32

All: 36.539 $\pm$ 16.133 χ^2 /NDF: 85.7/63

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.478 $\pm$ 0.019 χ^2 /NDF:184813.6/14

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 91.838 $\pm$ 0.020 χ^2 /NDF:101224.7/13

Left: 91.655 $\pm$ 0.014 χ^2 /NDF: 286207.9/28

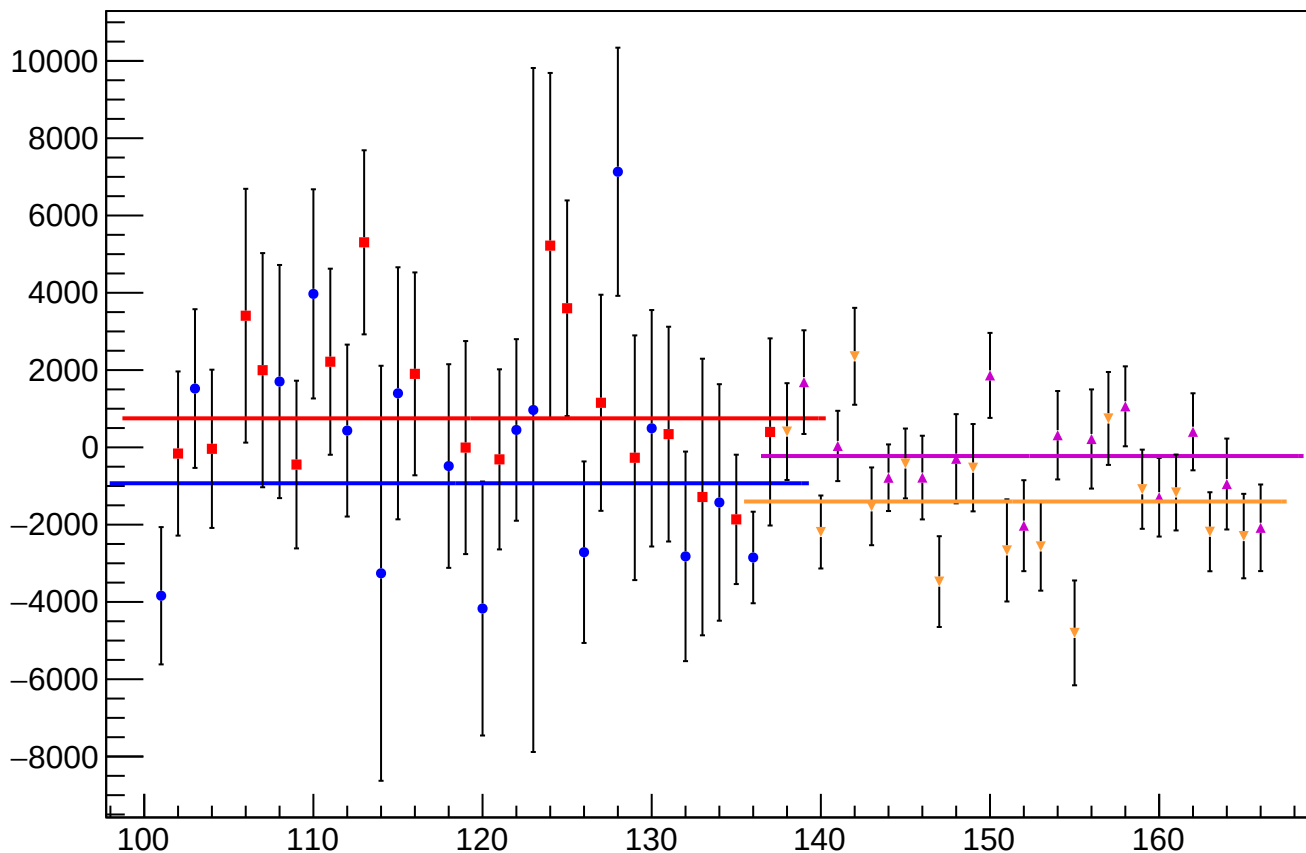
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 95.486 $\pm$ 0.016 χ^2 /NDF:513229.5/30

Out: 95.703 $\pm$ 0.016 χ^2 /NDF:703704.5/32

All: 95.596 $\pm$ 0.011 χ^2 /NDF: 1217024.6/63

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: -1401.084 $\pm$ 283.216 χ^2 /NDF:29.5/14

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: -224.354 $\pm$ 287.956 χ^2 /NDF:15.3/13

Left: -822.483 $\pm$ 201.919 χ^2 /NDF: 53.3/28

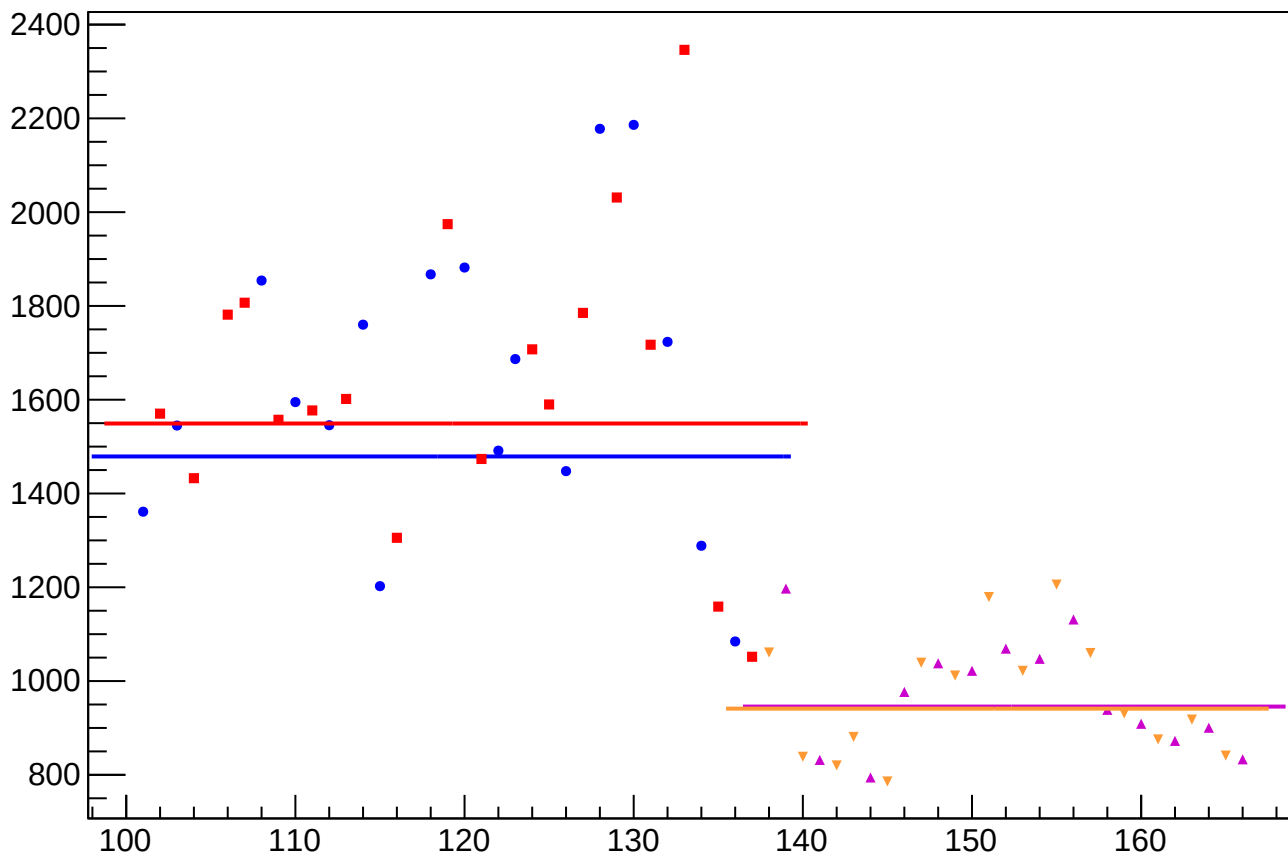
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -361.031 $\pm$ 258.522 χ^2 /NDF:37.3/30

Out: -1003.462 $\pm$ 255.721 χ^2 /NDF:51.1/32

All: -685.746 $\pm$ 181.804 χ^2 /NDF: 91.5/63

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: 941.205 $\pm$ 0.200 χ^2 /NDF: 345770.9/14

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 945.595 $\pm$ 0.204 χ^2 /NDF: 303658.7/13

Left: 943.364 $\pm$ 0.143 χ^2 /NDF: 649665.8/28

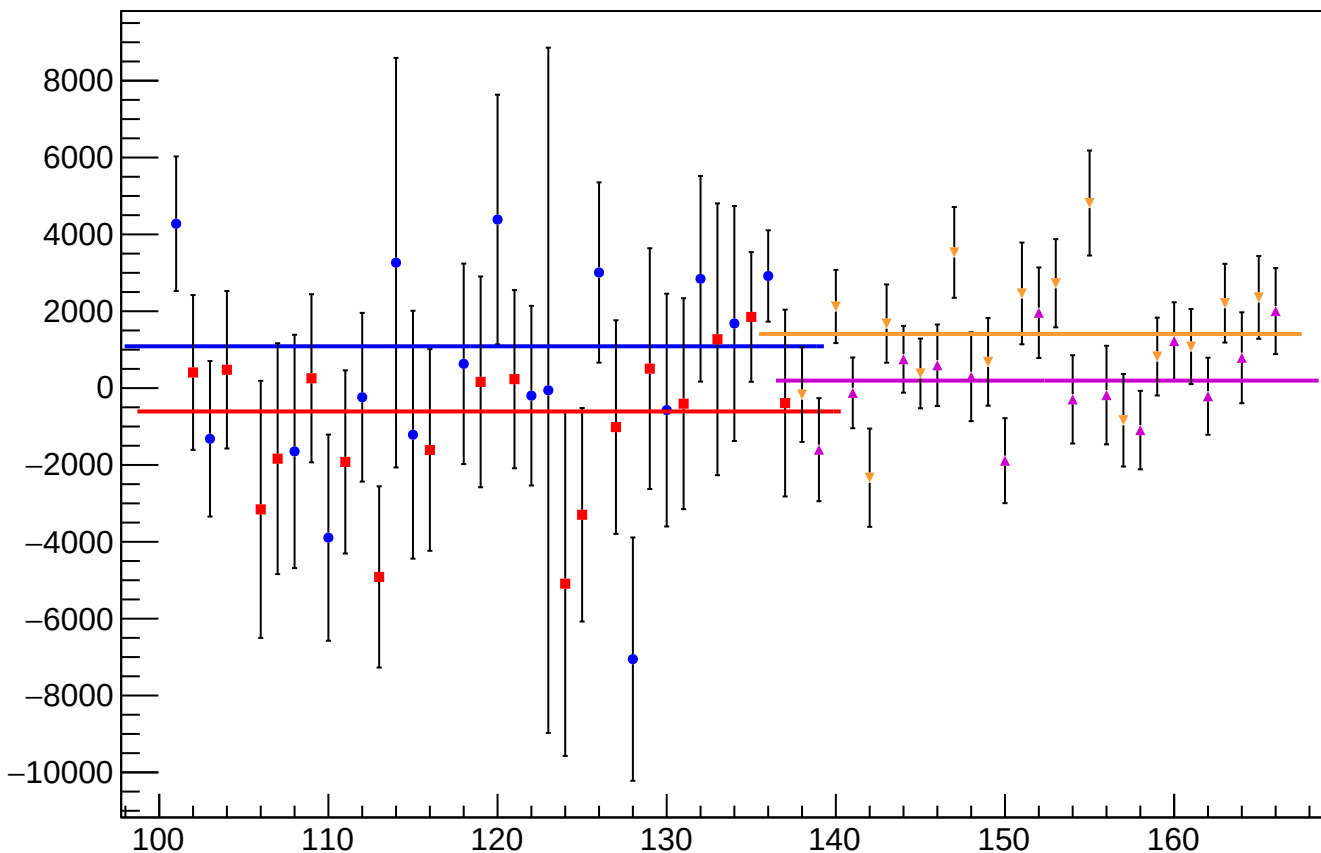
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1049.065 $\pm$ 0.183 χ^2 /NDF: 2224482.6/30

Out: 1053.538 $\pm$ 0.181 χ^2 /NDF: 2511449.1/32

All: 1051.326 $\pm$ 0.129 χ^2 /NDF: 4736234.2/63

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: 1407.617 $\pm$ 283.611 χ^2 /NDF:29.2/14

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 195.065 $\pm$ 288.059 χ^2 /NDF:14.2/13

Left: 810.776 $\pm$ 202.098 χ^2 /NDF: 52.4/28

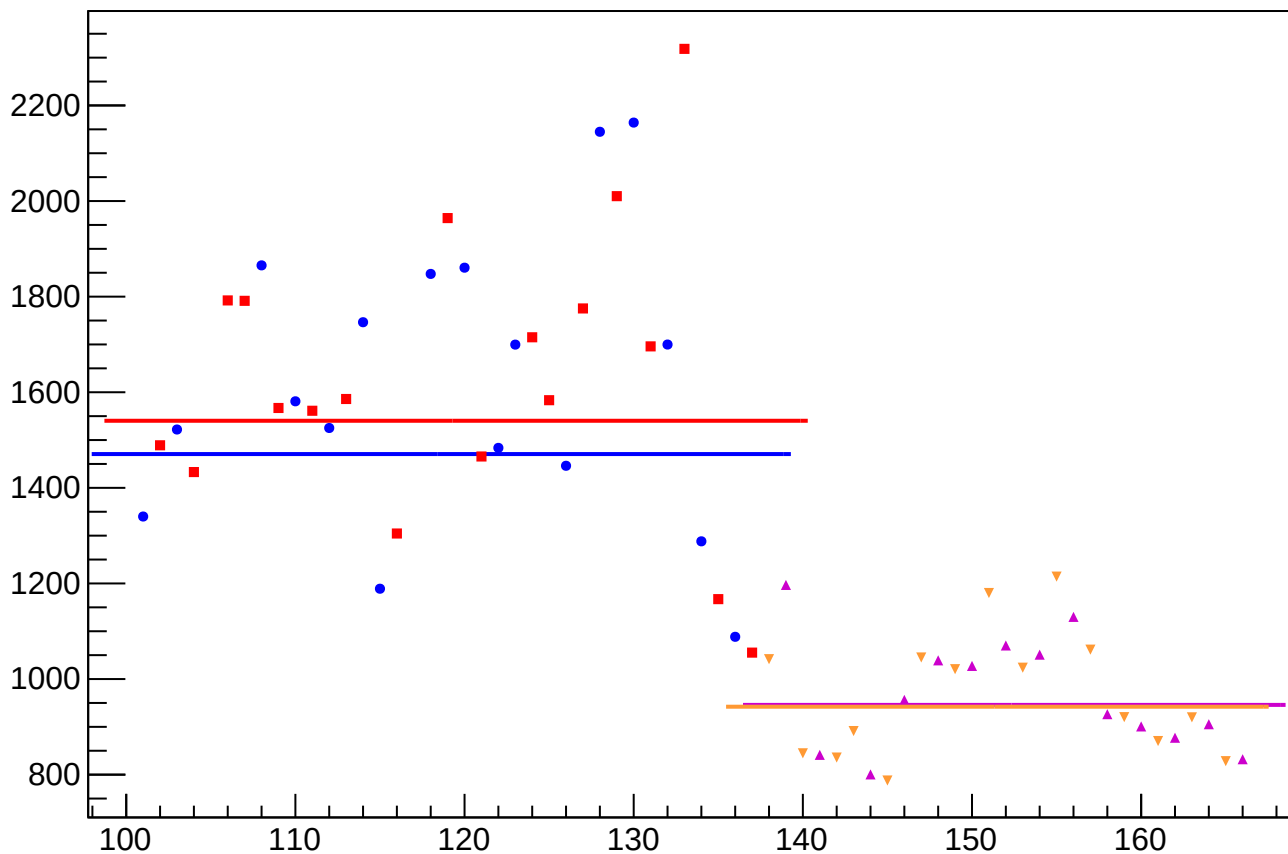
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 370.123 $\pm$ 258.283 χ^2 /NDF:37.9/30

Out: 1030.913 $\pm$ 255.738 χ^2 /NDF:48.6/32

All: 703.790 $\pm$ 181.727 χ^2 /NDF: 89.8/63

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 942.130+/-0.201 χ^2/NDF : 344272.0/14

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 945.927+/-0.204 χ^2/NDF : 293191.6/13

Left: 943.999+/-0.143 χ^2/NDF : 637640.0/28

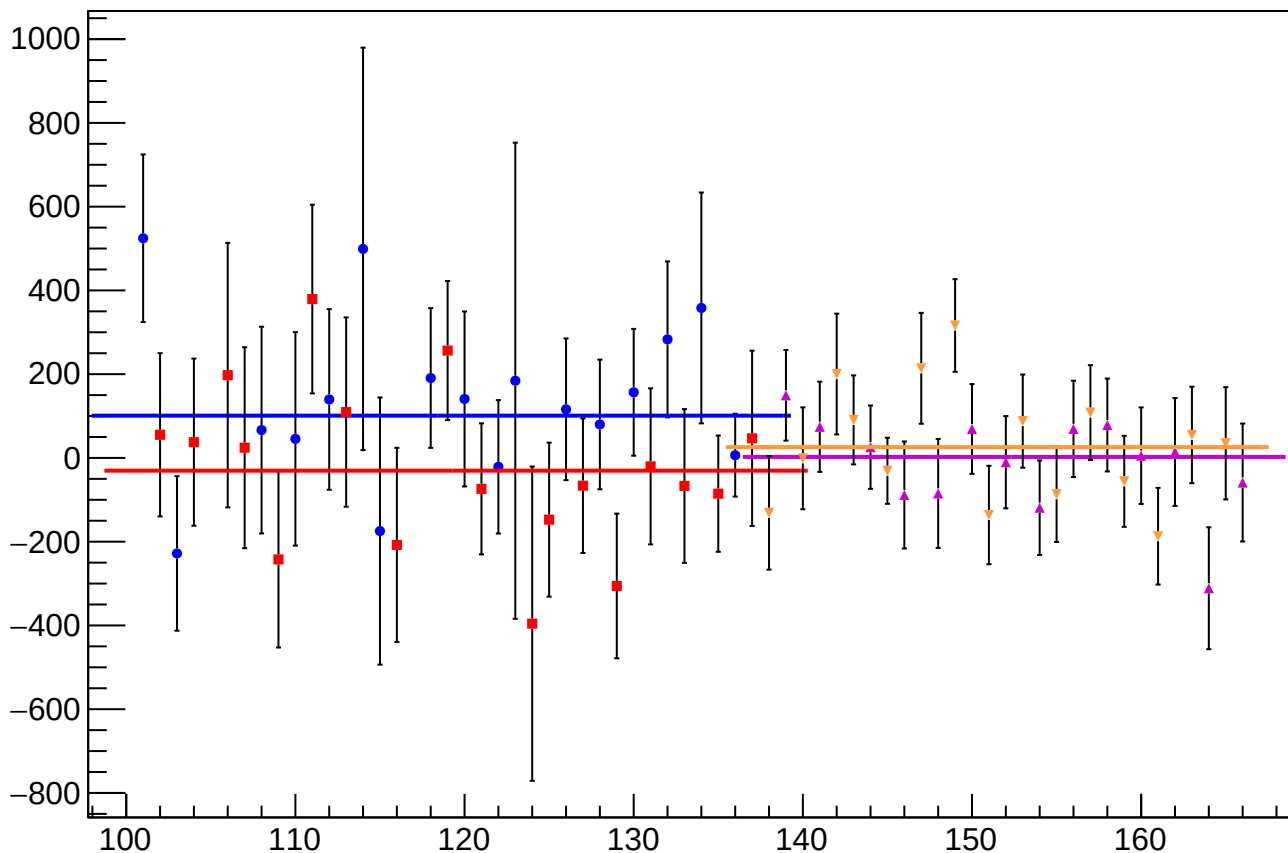
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 1048.806+/-0.183 χ^2/NDF : 2162137.2/30

Out: 1053.935+/-0.181 χ^2/NDF : 2450107.7/32

All: 1051.396+/-0.129 χ^2/NDF : 4612643.2/63

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: 25.844 ± 29.396 $\chi^2/\text{NDF}: 20.4/14$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 2.334 ± 31.145 $\chi^2/\text{NDF}: 10.5/13$

Left: 14.768 ± 21.378 $\chi^2/\text{NDF}: 31.2/28$

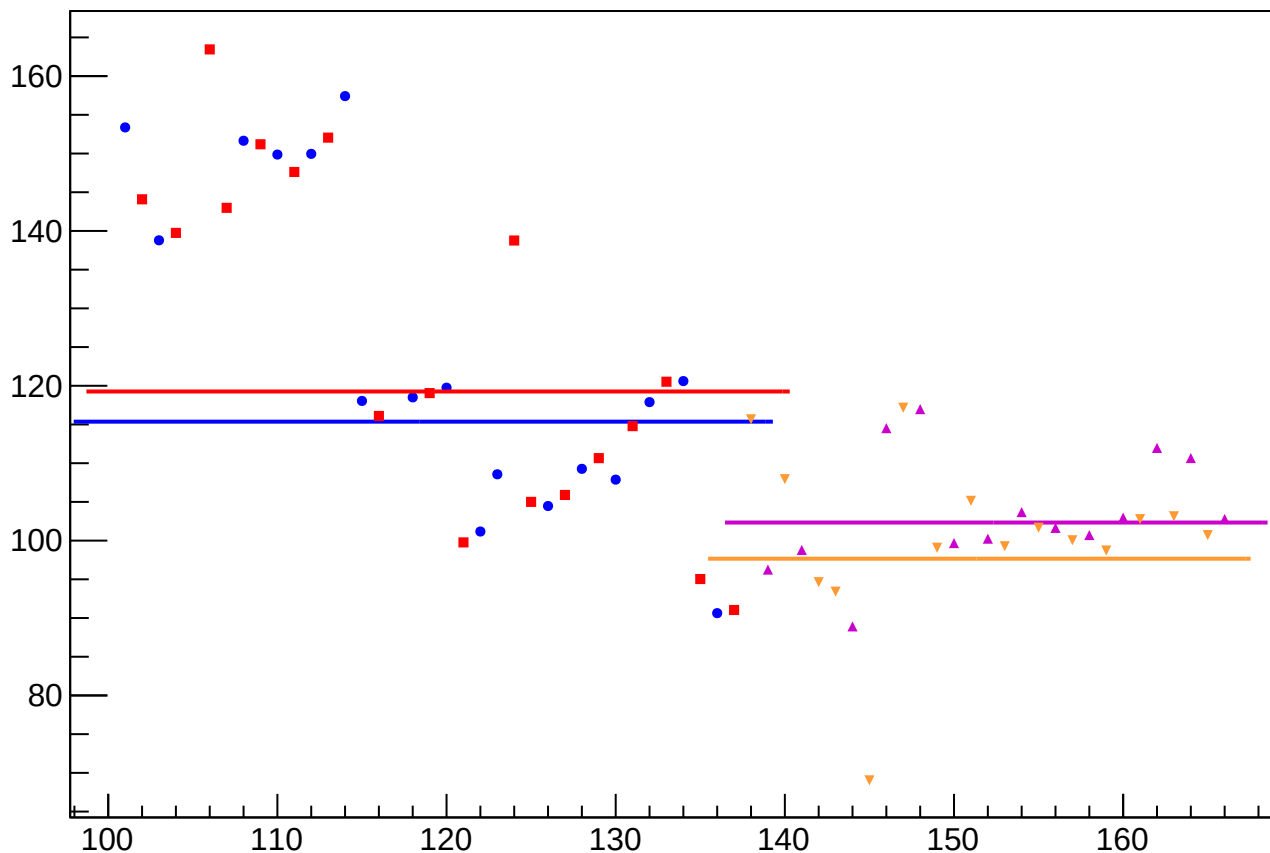
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 33.993 ± 25.662 $\chi^2/\text{NDF}: 26.8/30$

Out: 9.385 ± 24.725 $\chi^2/\text{NDF}: 35.0/32$

All: 21.232 ± 17.805 $\chi^2/\text{NDF}: 62.2/63$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.666 $\pm$ 0.021 χ^2 /NDF:382161.5/14

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 102.336 $\pm$ 0.022 χ^2 /NDF:108884.0/13

Left: 99.866 $\pm$ 0.015 χ^2 /NDF: 514823.4/28

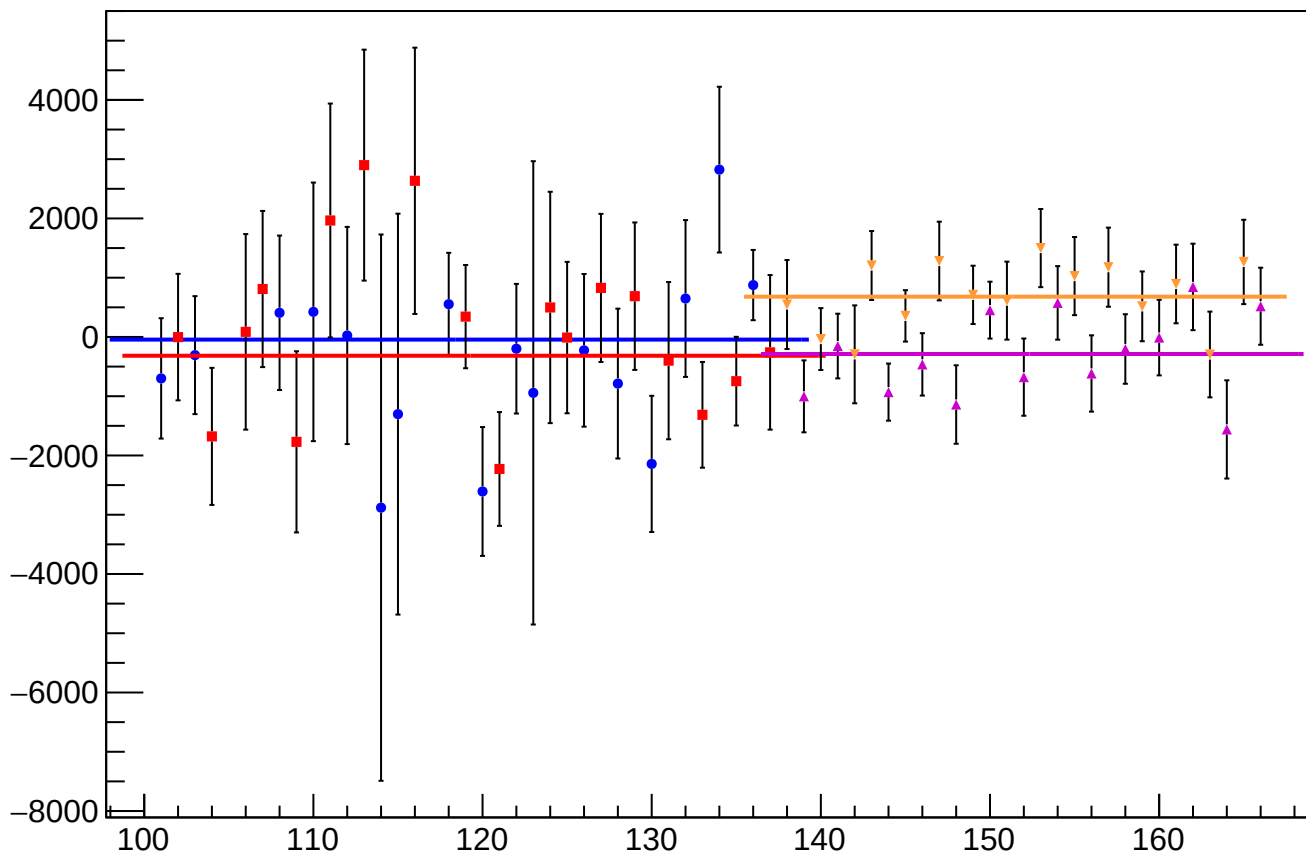
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.521 $\pm$ 0.018 χ^2 /NDF:632667.8/30

Out: 103.985 $\pm$ 0.017 χ^2 /NDF:1096308.1/32

All: 105.206 $\pm$ 0.013 χ^2 /NDF: 1739101.7/63

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: 679.613 ± 158.549 $\chi^2/\text{NDF}: 10.6/14$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -287.388 ± 160.047 $\chi^2/\text{NDF}: 16.4/13$

Left: 200.660 ± 112.637 $\chi^2/\text{NDF}: 45.4/28$

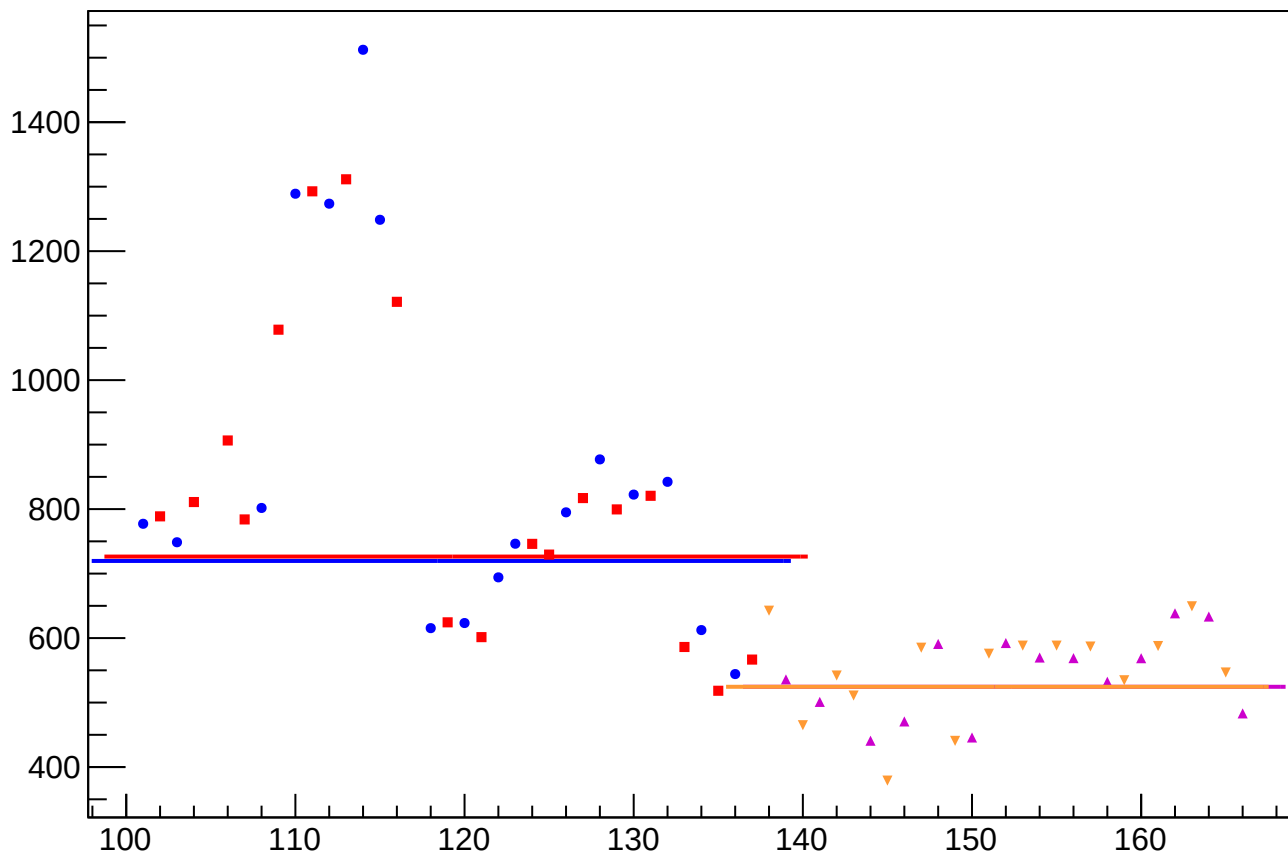
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -229.565 ± 139.699 $\chi^2/\text{NDF}: 34.9/30$

Out: 441.680 ± 138.334 $\chi^2/\text{NDF}: 36.8/32$

All: 109.353 ± 98.296 $\chi^2/\text{NDF}: 83.3/63$

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: 524.469 $\pm$ 0.112 χ^2 /NDF: 524896.3/14

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 524.472 $\pm$ 0.113 χ^2 /NDF: 302636.5/13

Left: 524.471 $\pm$ 0.080 χ^2 /NDF: 827532.8/28

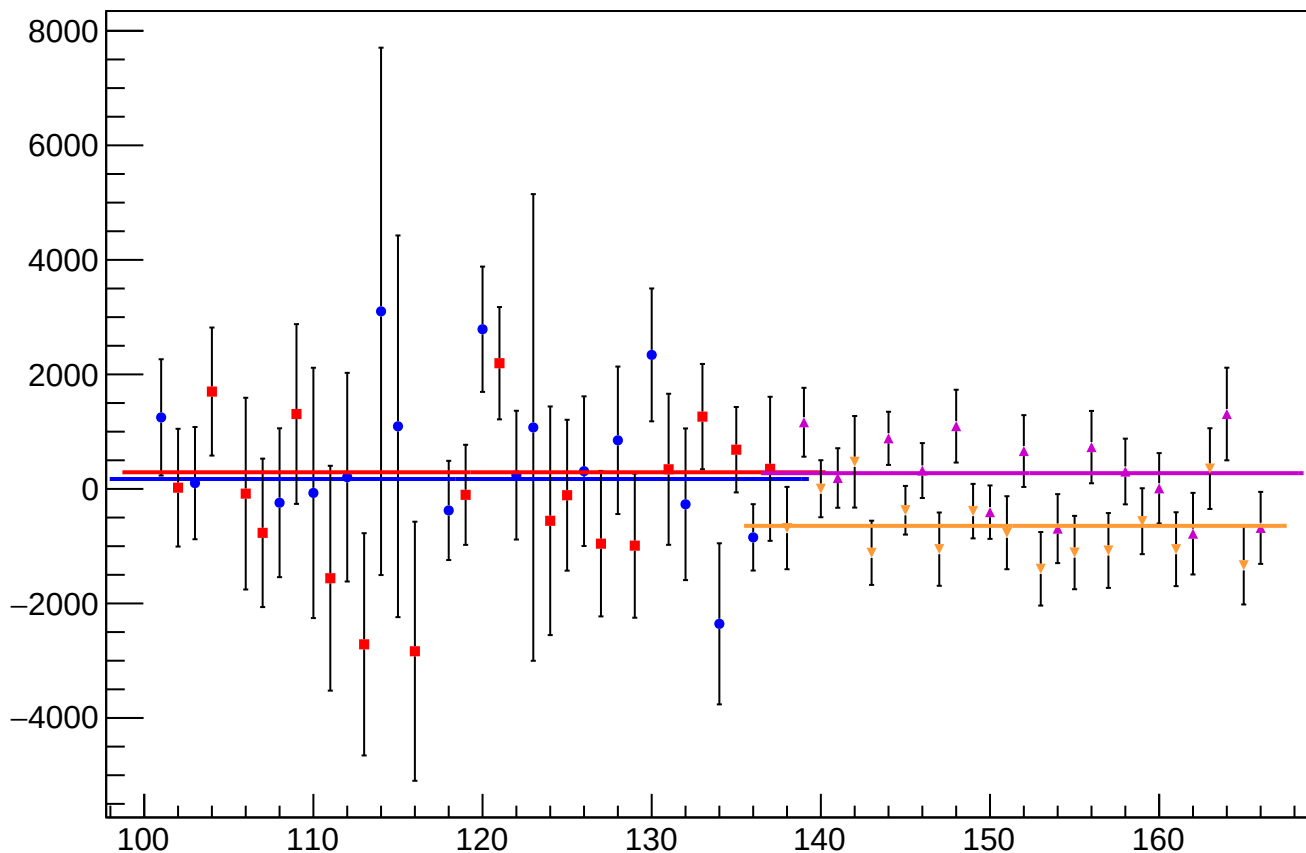
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 570.937 $\pm$ 0.099 χ^2 /NDF: 1757512.6/30

Out: 572.679 $\pm$ 0.098 χ^2 /NDF: 2180404.1/32

All: 571.816 $\pm$ 0.070 χ^2 /NDF: 3938073.9/63

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: -645.060 $\pm$ 153.677 χ^2 /NDF:11.3/14

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 275.189 $\pm$ 154.233 χ^2 /NDF:17.5/13

Left: -186.596 $\pm$ 108.862 χ^2 /NDF: 46.7/28

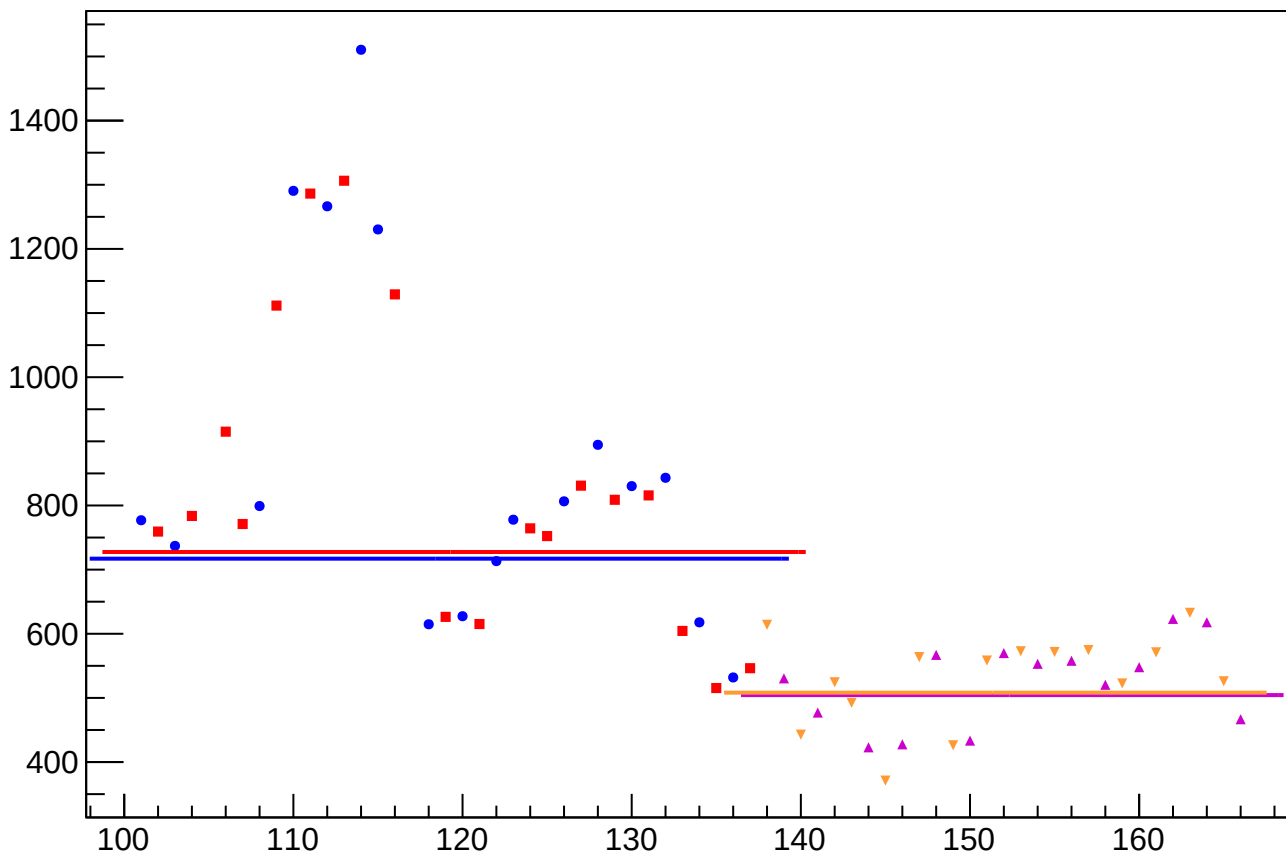
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 252.166 $\pm$ 135.716 χ^2 /NDF:35.7/30

Out: -432.572 $\pm$ 135.109 χ^2 /NDF:35.3/32

All: -91.738 $\pm$ 95.750 χ^2 /NDF: 83.9/63

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 508.221+/-0.109 χ^2/NDF : 519750.2/14

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 504.405+/-0.109 χ^2/NDF : 350871.2/13

Left: 506.320+/-0.077 χ^2/NDF : 871235.7/28

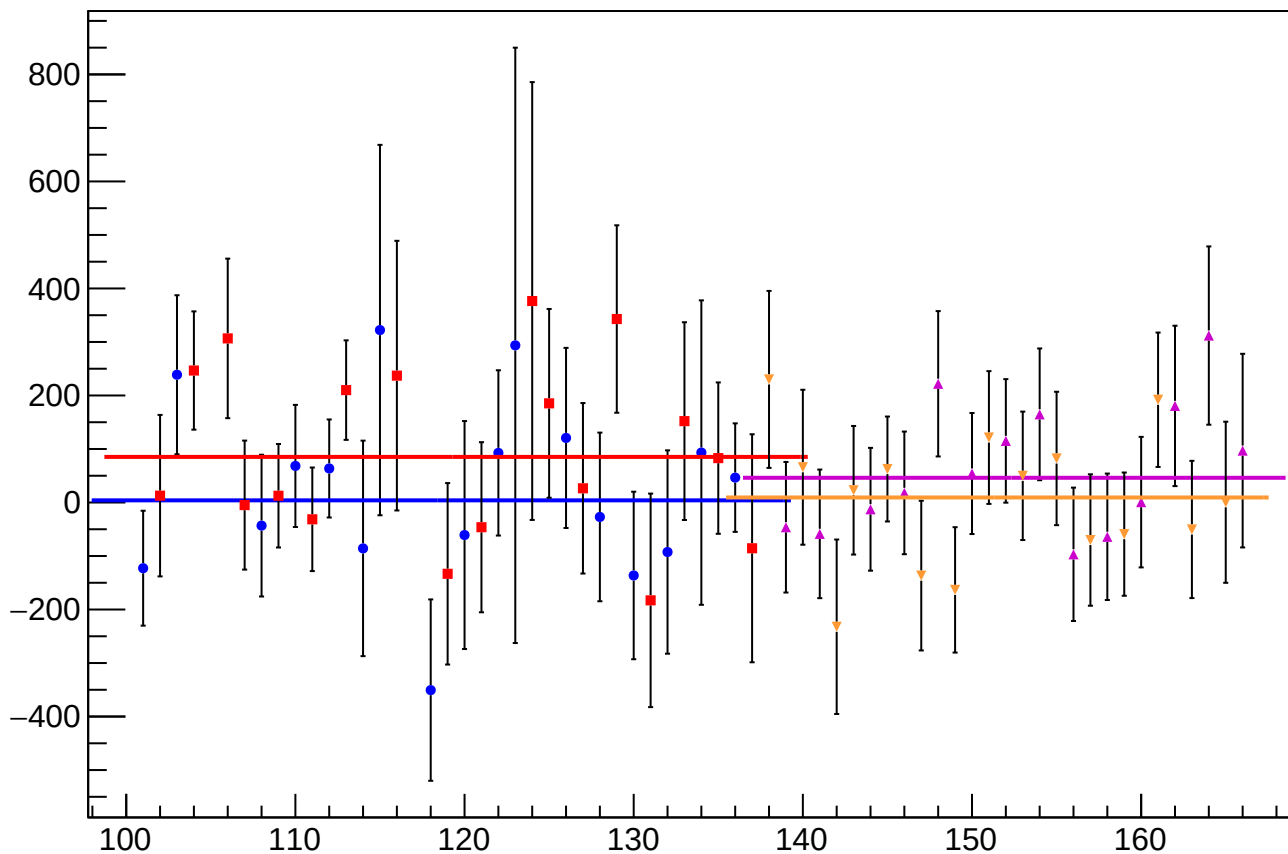
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 552.406+/-0.096 χ^2/NDF : 1991639.9/30

Out: 558.006+/-0.096 χ^2/NDF : 2325249.0/32

All: 555.219+/-0.068 χ^2/NDF : 4318599.2/63

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 9.372 ± 32.826 χ^2/NDF : 12.1/14

Right Out: 85.205 ± 33.413 χ^2/NDF : 17.4/17

Left In: 46.190 ± 33.781 χ^2/NDF : 10.4/13

Left: 27.253 ± 23.542 χ^2/NDF : 23.1/28

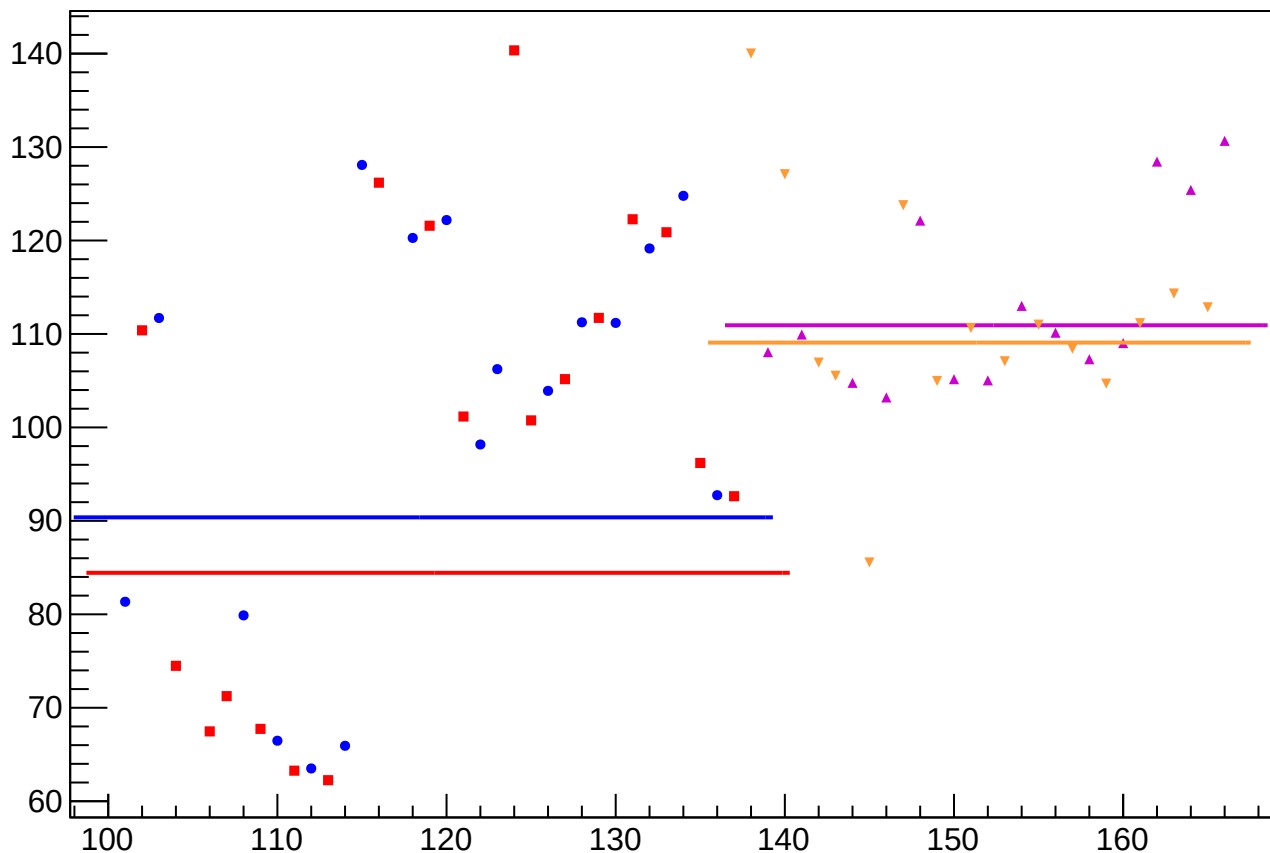
Right: 47.574 ± 24.474 χ^2/NDF : 32.8/34

In: 26.411 ± 24.618 χ^2/NDF : 23.8/30

Out: 46.617 ± 23.416 χ^2/NDF : 32.1/32

All: 37.019 ± 16.967 χ^2/NDF : 56.3/63

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 109.076 $\pm$ 0.023 χ^2 /NDF: 252240.5/14

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 110.929 $\pm$ 0.024 χ^2 /NDF: 109392.4/13

Left: 109.976 $\pm$ 0.017 χ^2 /NDF: 364727.7/28

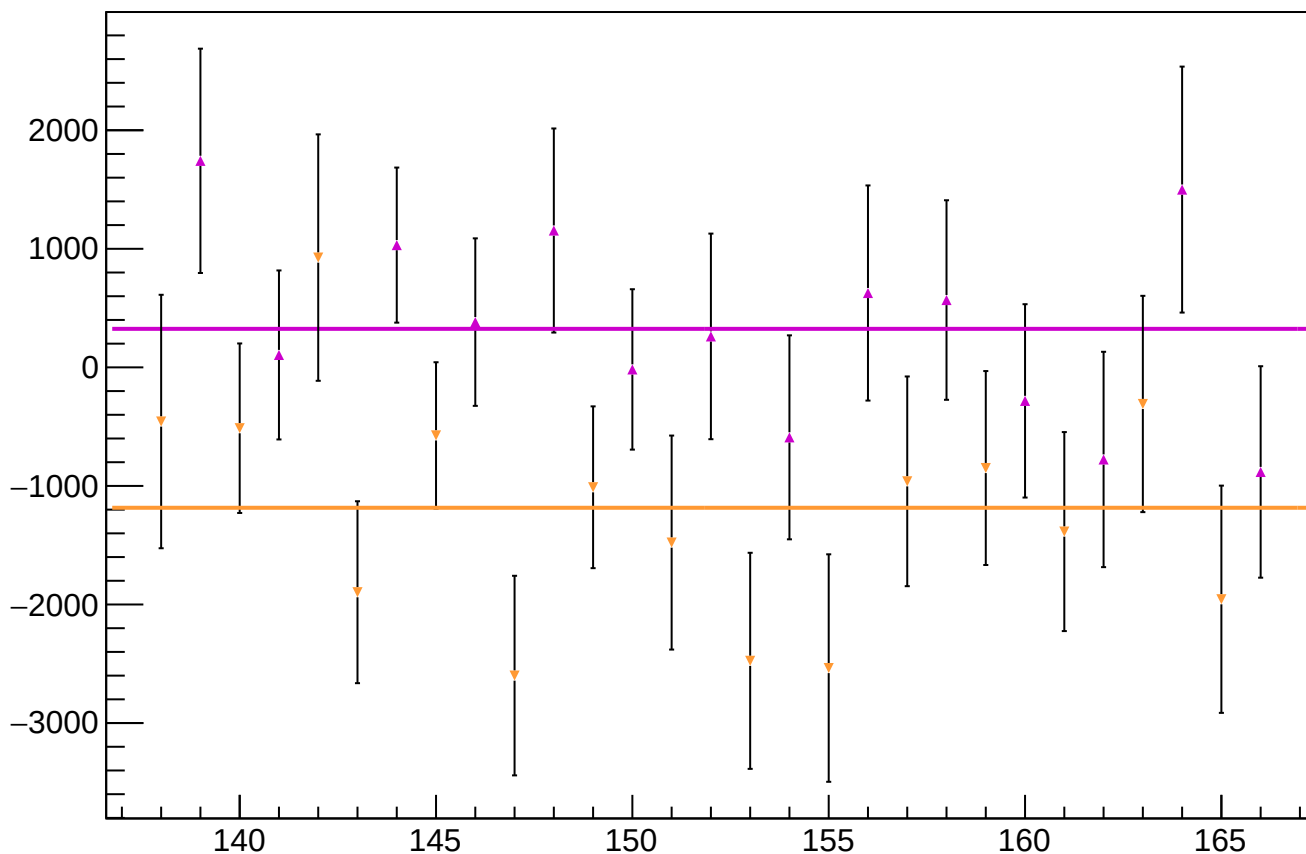
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 101.291 $\pm$ 0.017 χ^2 /NDF: 1110719.8/30

Out: 96.977 $\pm$ 0.017 χ^2 /NDF: 1676259.7/32

All: 99.026 $\pm$ 0.012 χ^2 /NDF: 2819216.1/63

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1184.196+/-214.939 χ^2/NDF :16.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 324.909+/-217.311 χ^2/NDF :11.2/13

Left: -437.925+/-152.816 χ^2/NDF : 51.7/28

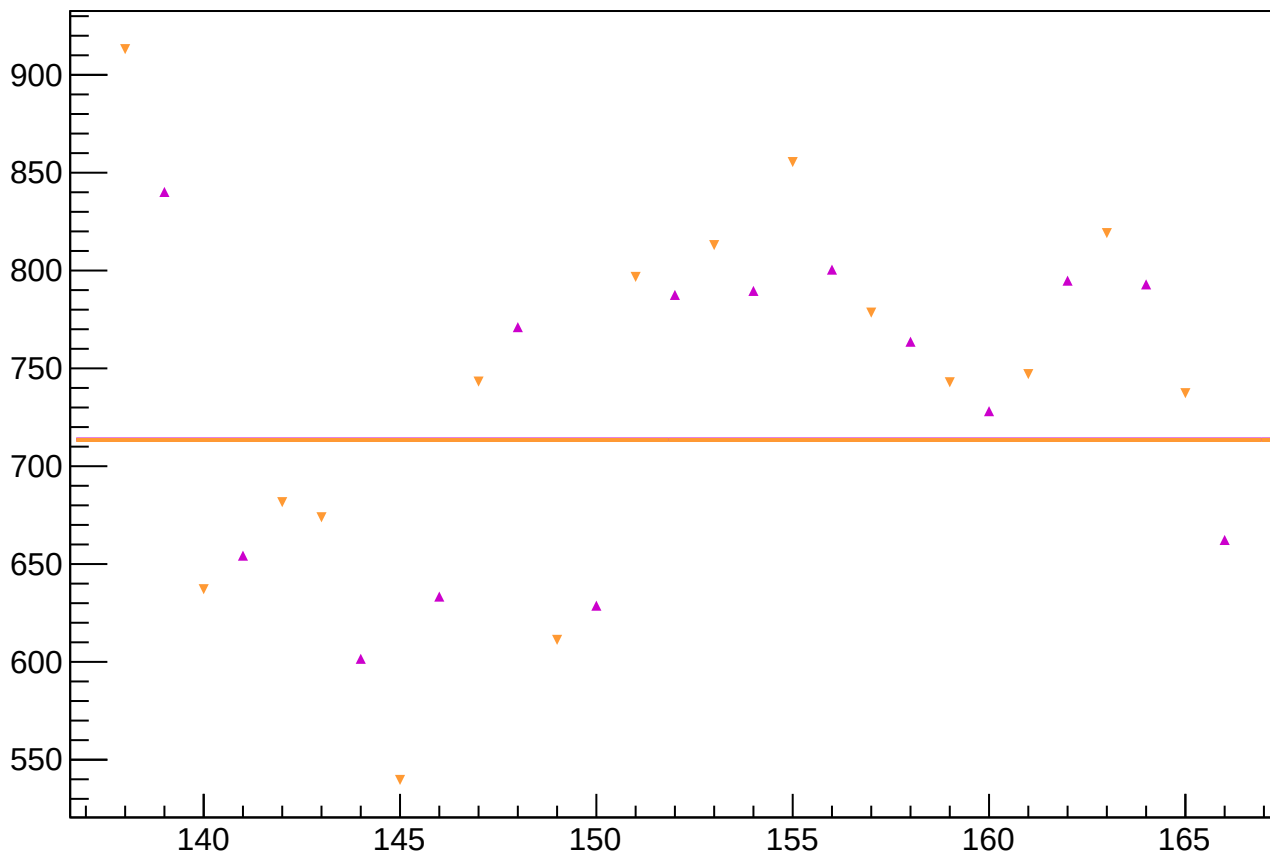
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 324.909+/-217.311 χ^2/NDF :11.2/13

Out: -1184.196+/-214.939 χ^2/NDF :16.2/14

All: -437.925+/-152.816 χ^2/NDF : 51.7/28

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 713.406+/-0.152 χ^2/NDF :435261.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.643+/-0.154 χ^2/NDF :265032.2/13

Left: 713.523+/-0.108 χ^2/NDF : 700294.5/28

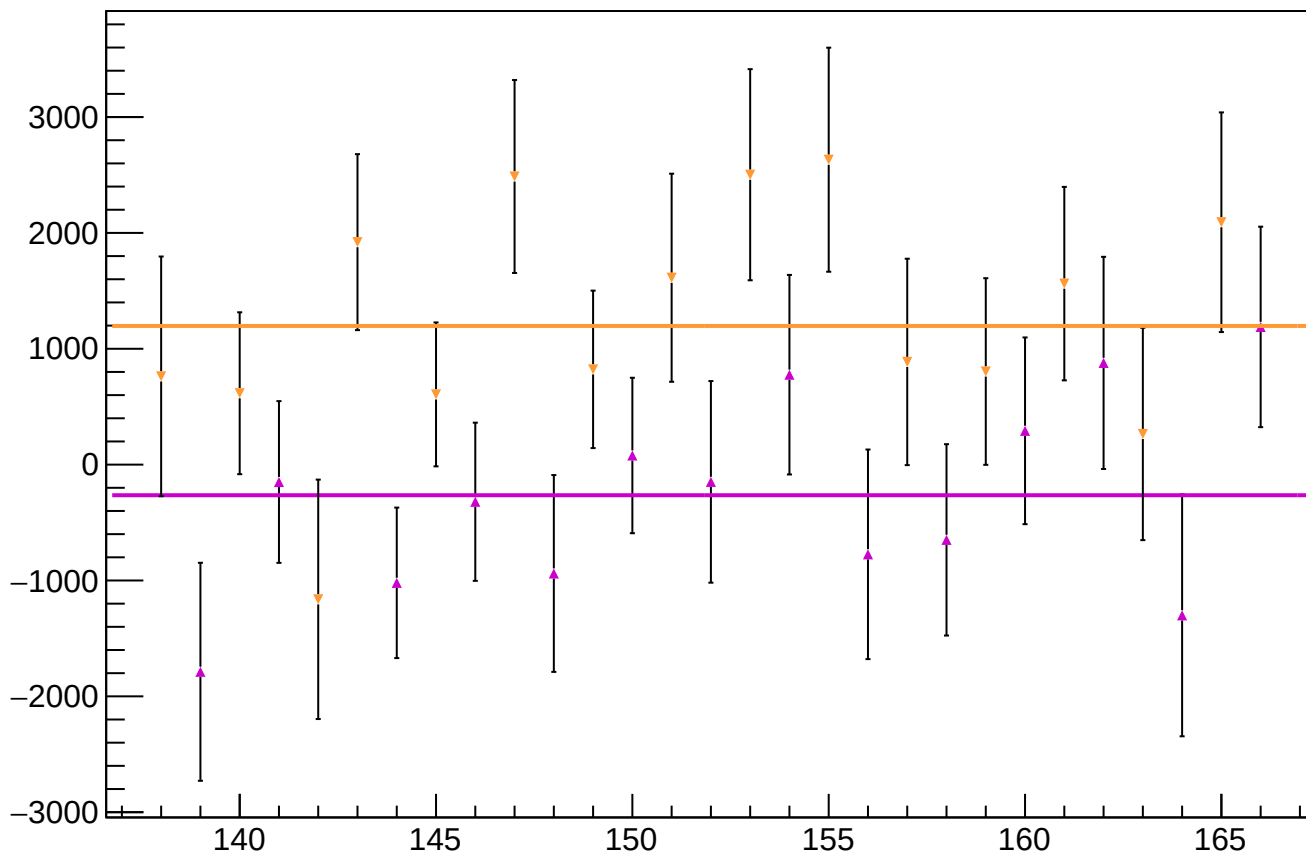
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.643+/-0.154 χ^2/NDF :265032.2/13

Out: 713.406+/-0.152 χ^2/NDF :435261.2/14

All: 713.523+/-0.108 χ^2/NDF : 700294.5/28

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1197.048+/-213.652 χ^2/NDF :17.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -264.090+/-214.916 χ^2/NDF :12.8/13

Left: 470.789+/-151.520 χ^2/NDF : 53.5/28

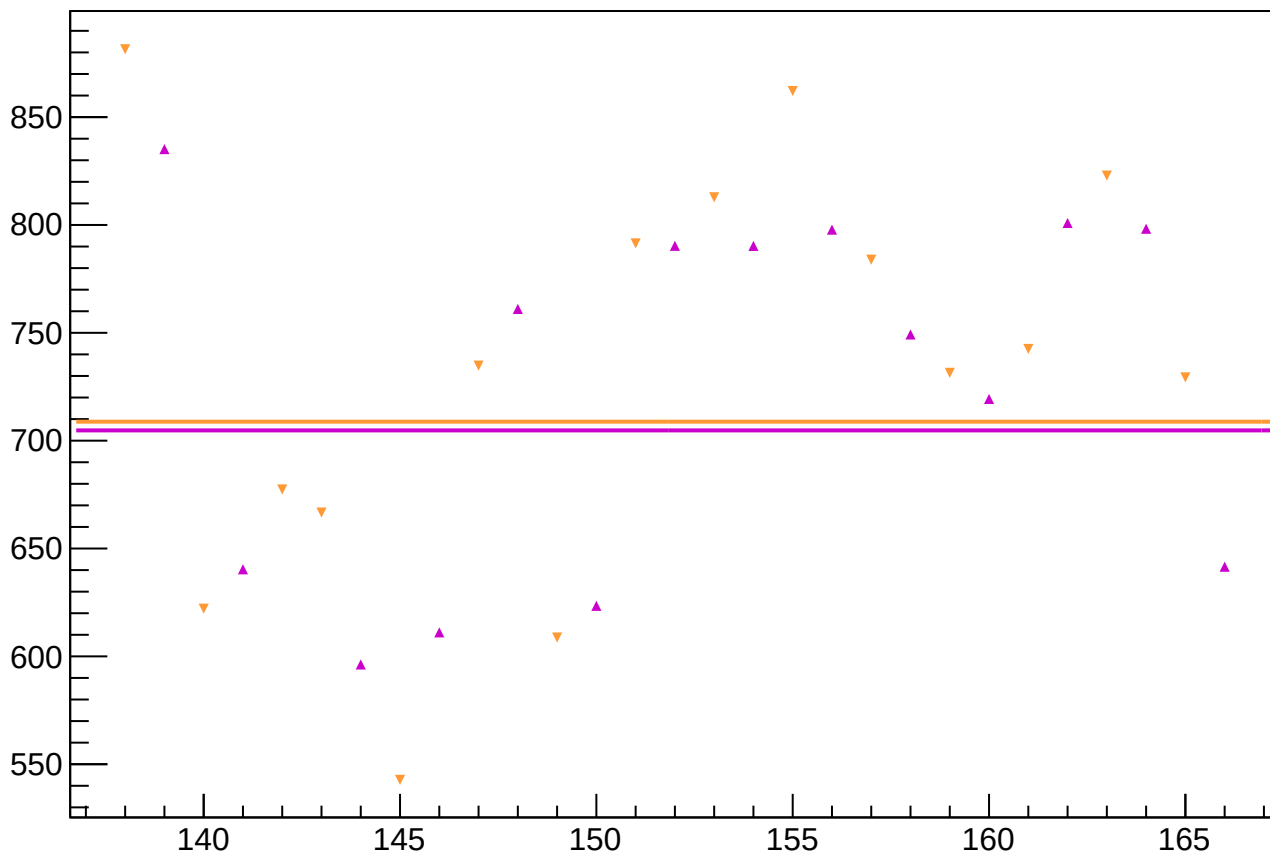
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.090+/-214.916 χ^2/NDF :12.8/13

Out: 1197.048+/-213.652 χ^2/NDF :17.5/14

All: 470.789+/-151.520 χ^2/NDF : 53.5/28

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 708.804+/-0.151 χ^2/NDF :427049.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Left: 706.796+/-0.107 χ^2/NDF : 729973.8/28

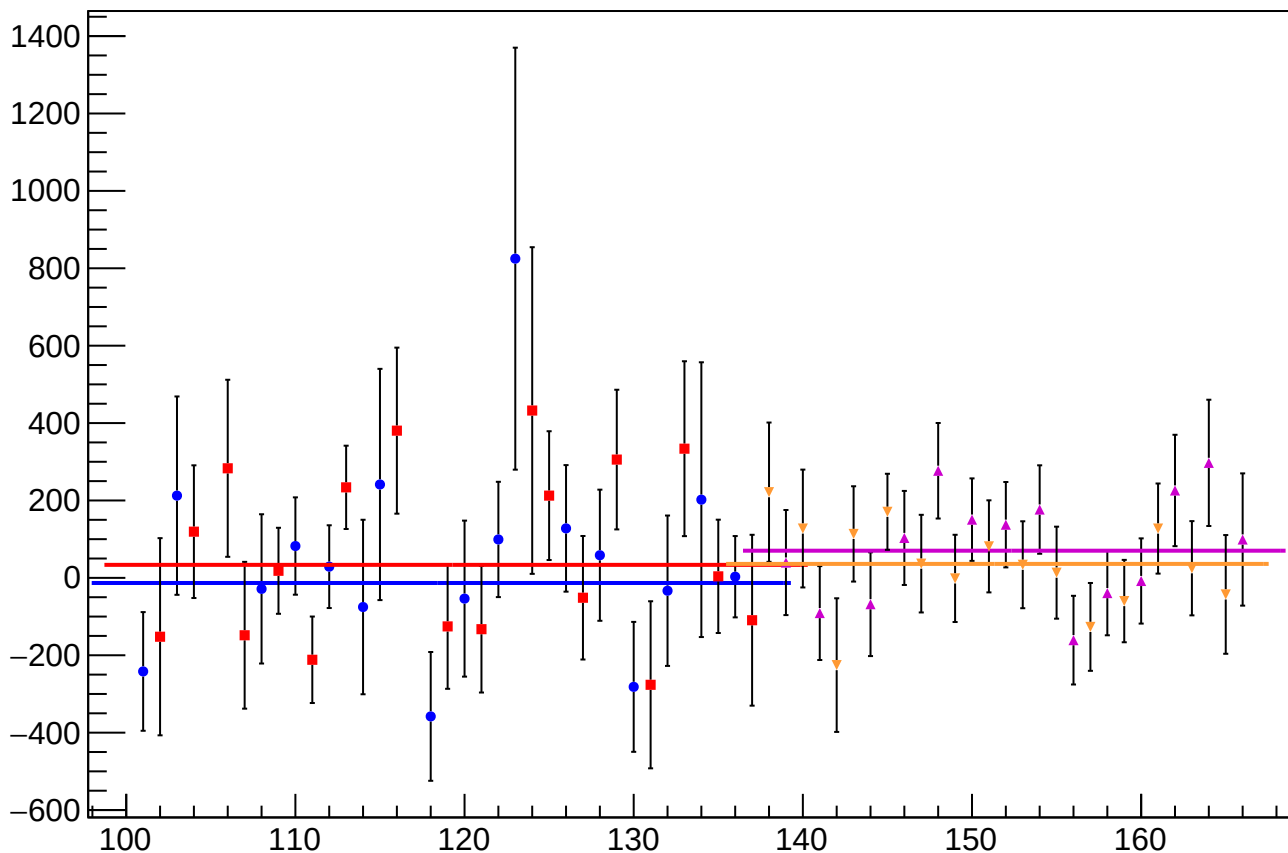
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Out: 708.804+/-0.151 χ^2/NDF :427049.0/14

All: 706.796+/-0.107 χ^2/NDF : 729973.8/28

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: 36.074 $\pm$ 31.800 χ^2/NDF : 10.0/14

Right Out: 33.637 $\pm$ 38.891 χ^2/NDF : 24.7/17

Left In: 70.215 $\pm$ 32.956 χ^2/NDF : 16.3/13

Left: 52.535 $\pm$ 22.884 χ^2/NDF : 26.9/28

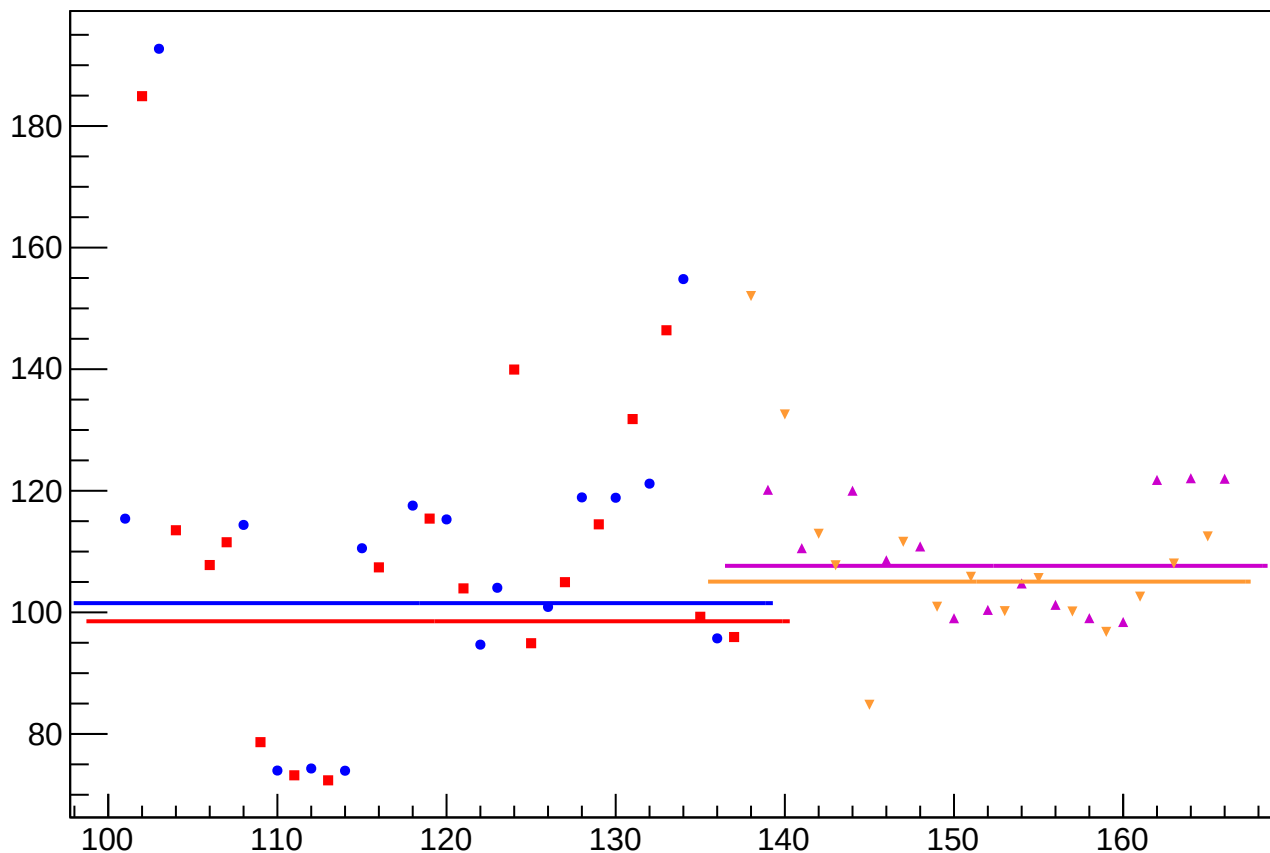
Right: 11.191 $\pm$ 28.070 χ^2/NDF : 41.1/34

In: 37.032 $\pm$ 25.576 χ^2/NDF : 34.5/30

Out: 35.097 $\pm$ 24.618 χ^2/NDF : 34.7/32

All: 36.028 $\pm$ 17.737 χ^2/NDF : 69.3/63

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 105.061 $\pm$ 0.022 χ^2 /NDF: 326149.3/14

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 107.655 $\pm$ 0.023 χ^2 /NDF: 141301.3/13

Left: 106.312 $\pm$ 0.016 χ^2 /NDF: 473870.2/28

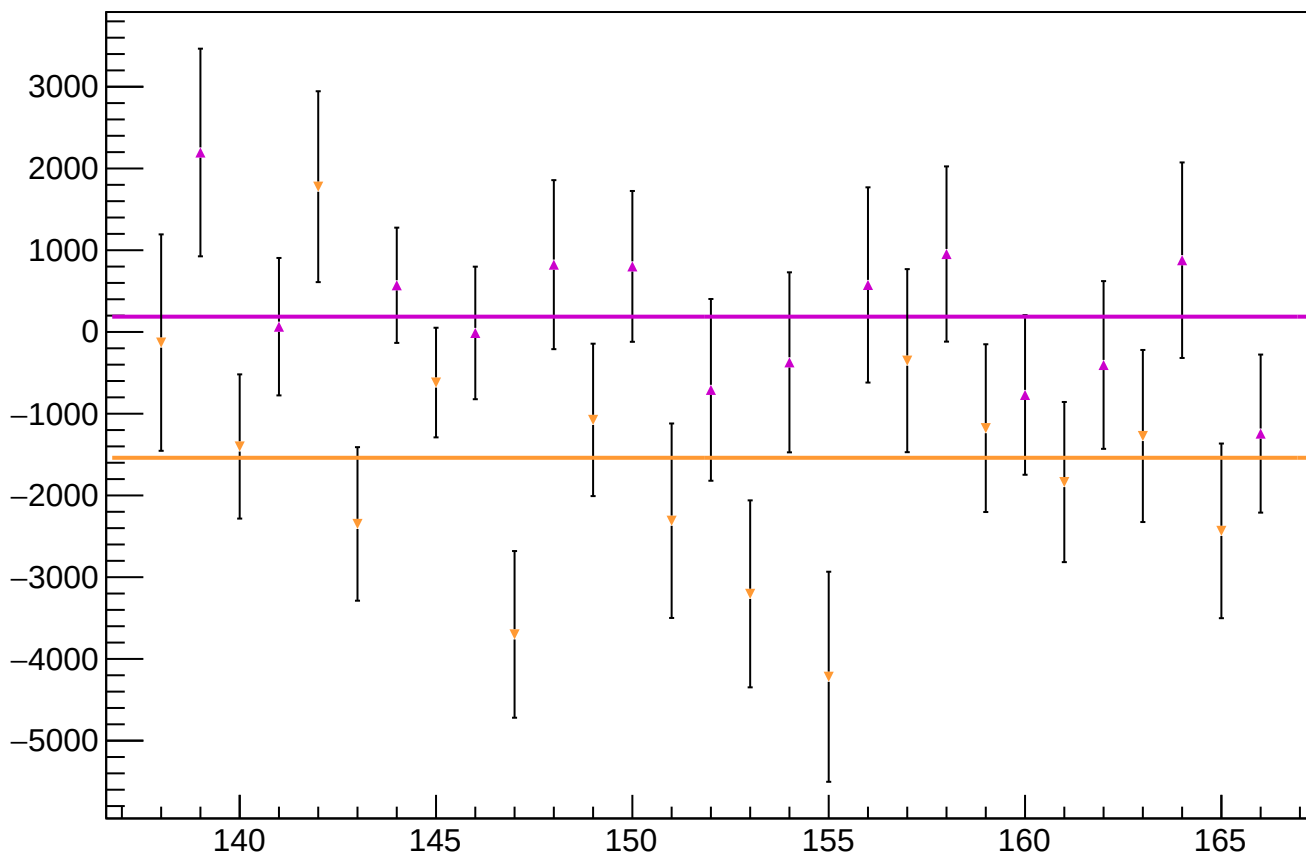
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 105.215 $\pm$ 0.018 χ^2 /NDF: 850591.9/30

Out: 102.447 $\pm$ 0.017 χ^2 /NDF: 1106859.2/32

All: 103.778 $\pm$ 0.013 χ^2 /NDF: 1969612.3/63

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1539.261+/-260.788 χ^2/NDF :25.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 187.176+/-261.264 χ^2/NDF :9.0/13

Left: -677.616+/-184.573 χ^2/NDF : 56.5/28

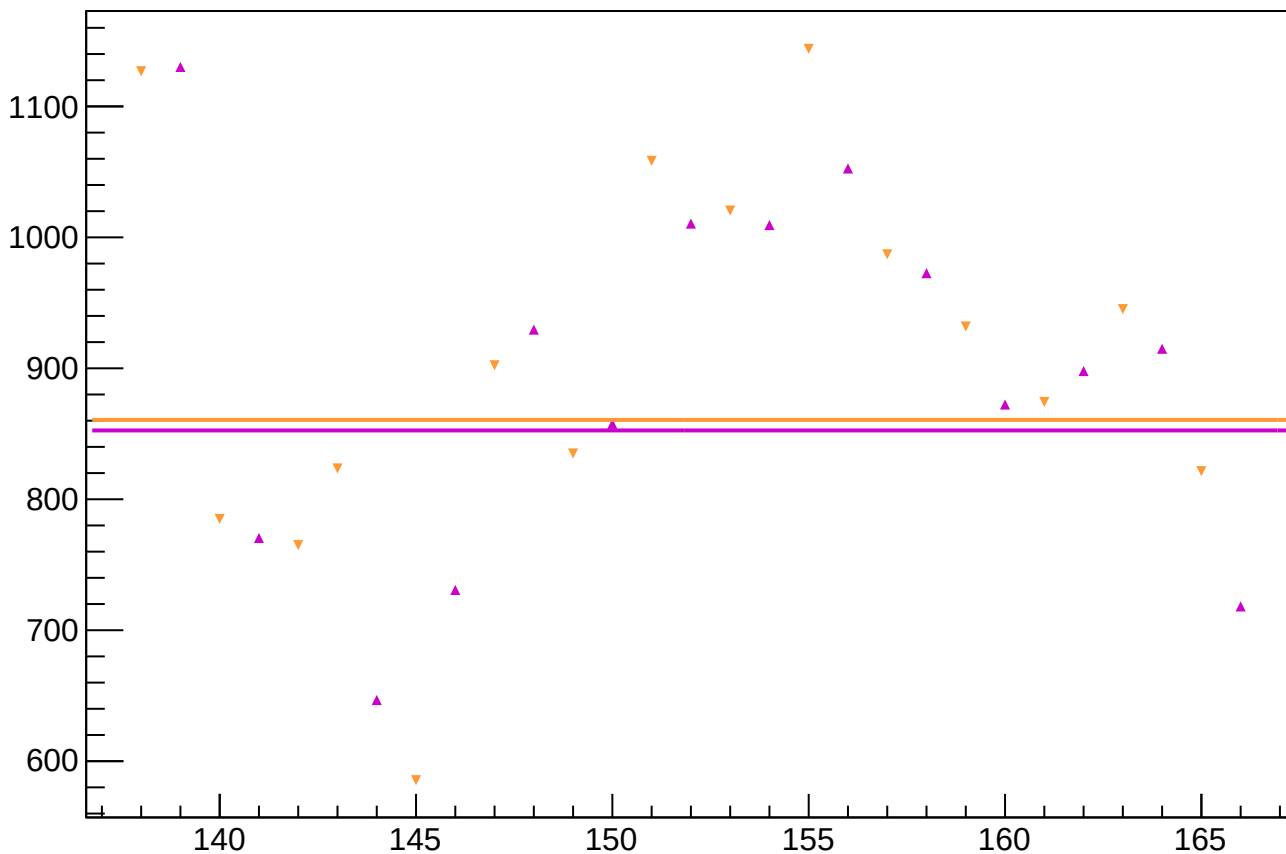
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 187.176+/-261.264 χ^2/NDF :9.0/13

Out: -1539.261+/-260.788 χ^2/NDF :25.6/14

All: -677.616+/-184.573 χ^2/NDF : 56.5/28

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 860.594+/-0.184 χ^2/NDF : 696368.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Left: 856.585+/-0.131 χ^2/NDF : 1249666.0/28

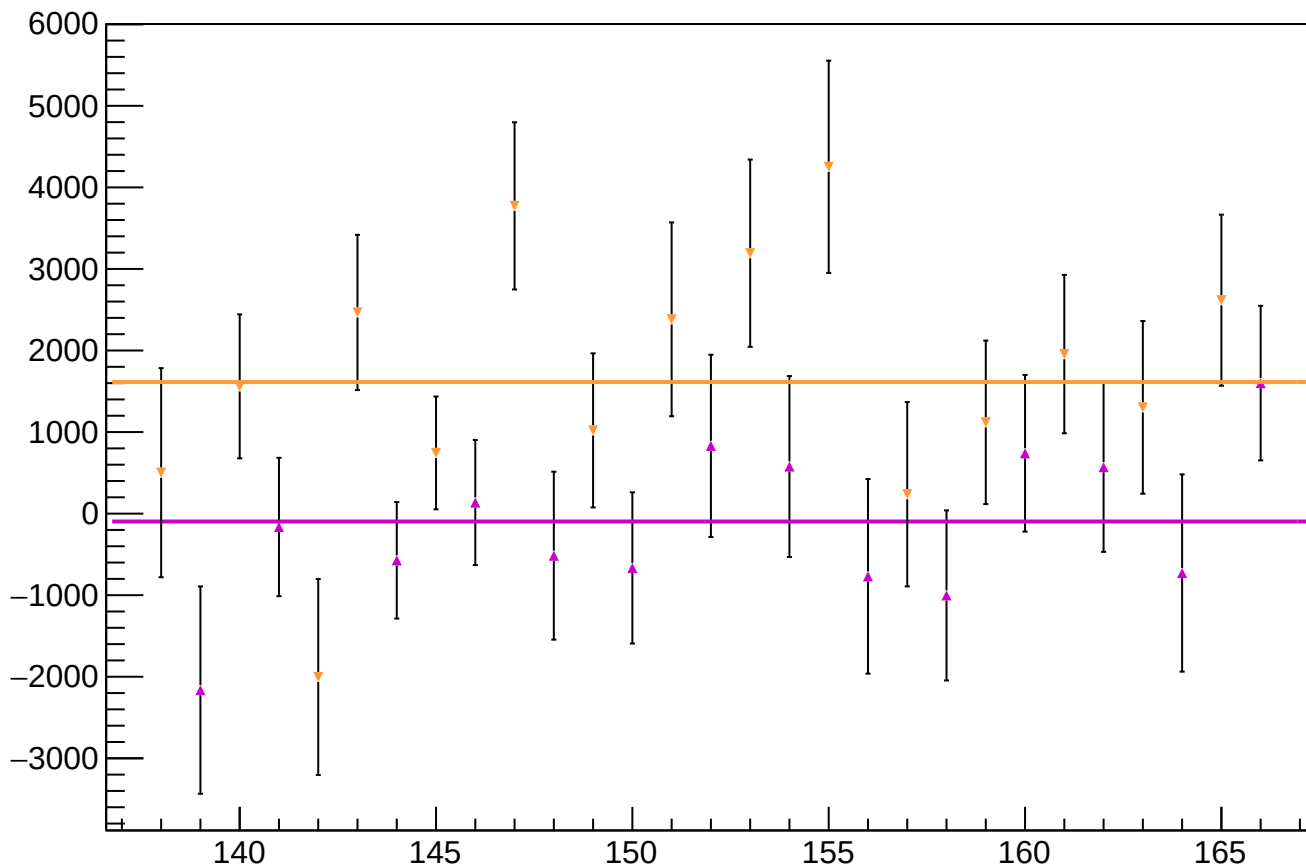
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Out: 860.594+/-0.184 χ^2/NDF : 696368.7/14

All: 856.585+/-0.131 χ^2/NDF : 1249666.0/28

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1613.296+/-262.159 χ^2/NDF :26.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -96.653+/-259.754 χ^2/NDF :10.5/13

Left: 750.441+/-184.518 χ^2/NDF : 58.3/28

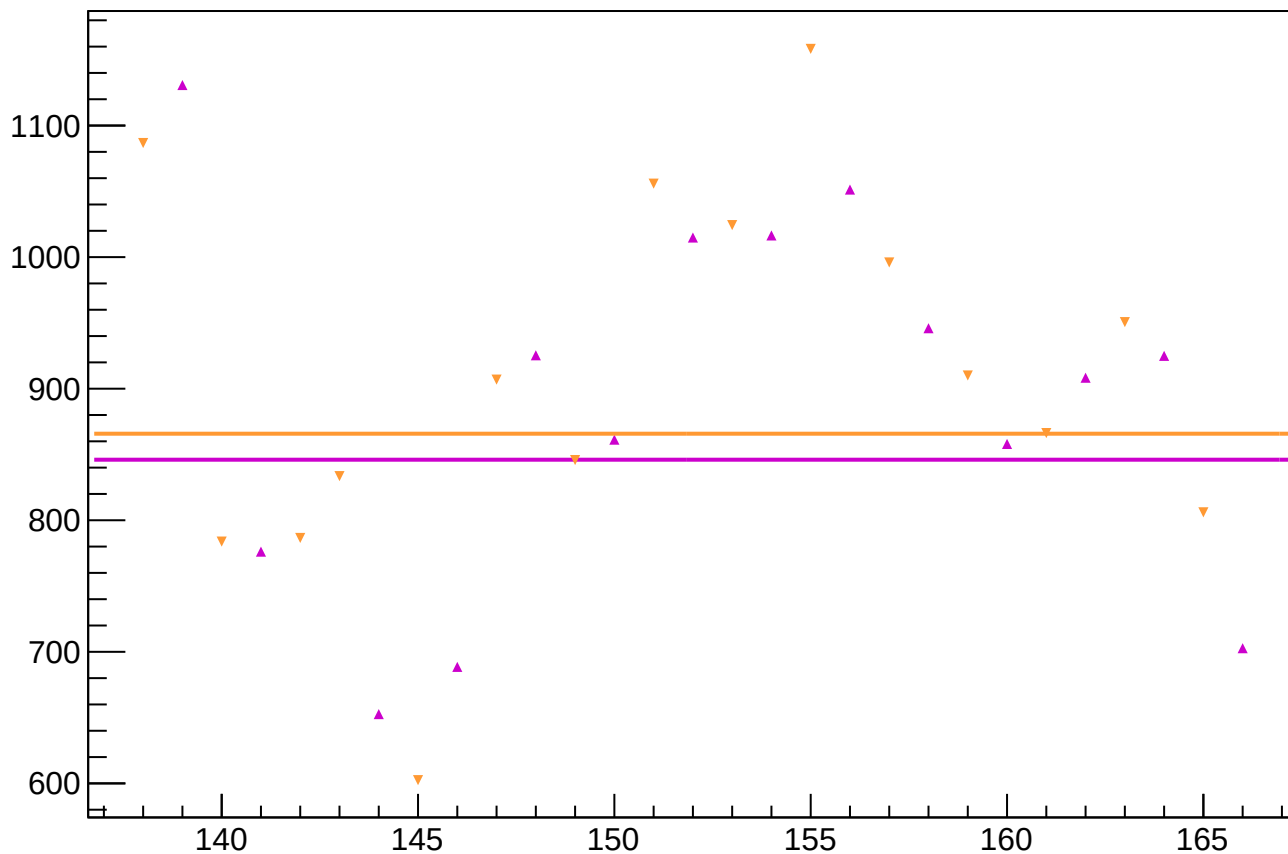
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -96.653+/-259.754 χ^2/NDF :10.5/13

Out: 1613.296+/-262.159 χ^2/NDF :26.3/14

All: 750.441+/-184.518 χ^2/NDF : 58.3/28

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 865.786 $\pm$ 0.185 χ^2/NDF :621907.9/14

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 846.025 $\pm$ 0.184 χ^2/NDF :589607.0/13

Left: 855.815 $\pm$ 0.130 χ^2/NDF : 1217249.3/28

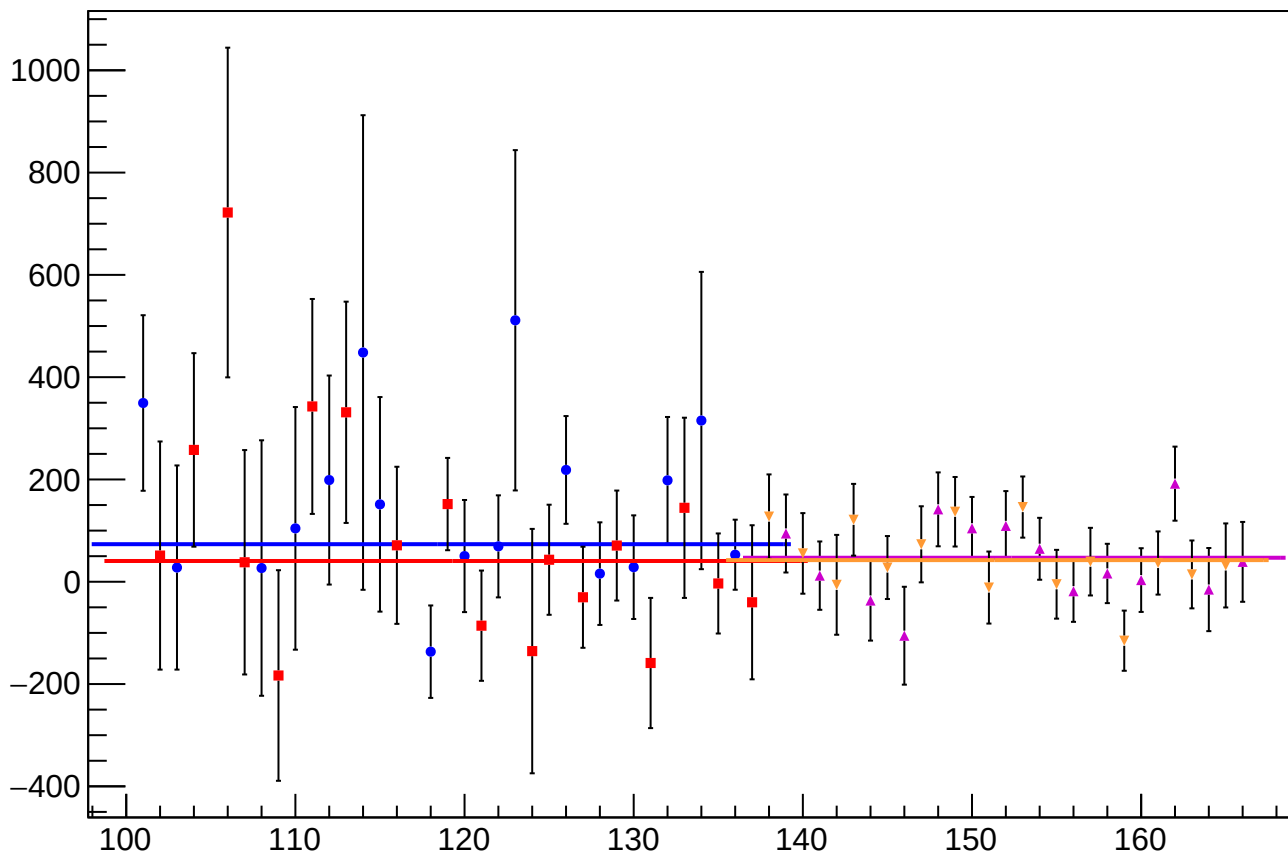
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 846.025 $\pm$ 0.184 χ^2/NDF :589607.0/13

Out: 865.786 $\pm$ 0.185 χ^2/NDF :621907.9/14

All: 855.815 $\pm$ 0.130 χ^2/NDF : 1217249.3/28

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: 42.302 $\pm$ 17.859 χ^2 /NDF:16.2/14

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 46.937 $\pm$ 18.398 χ^2 /NDF:14.4/13

Left: 44.551 $\pm$ 12.815 χ^2 /NDF: 30.7/28

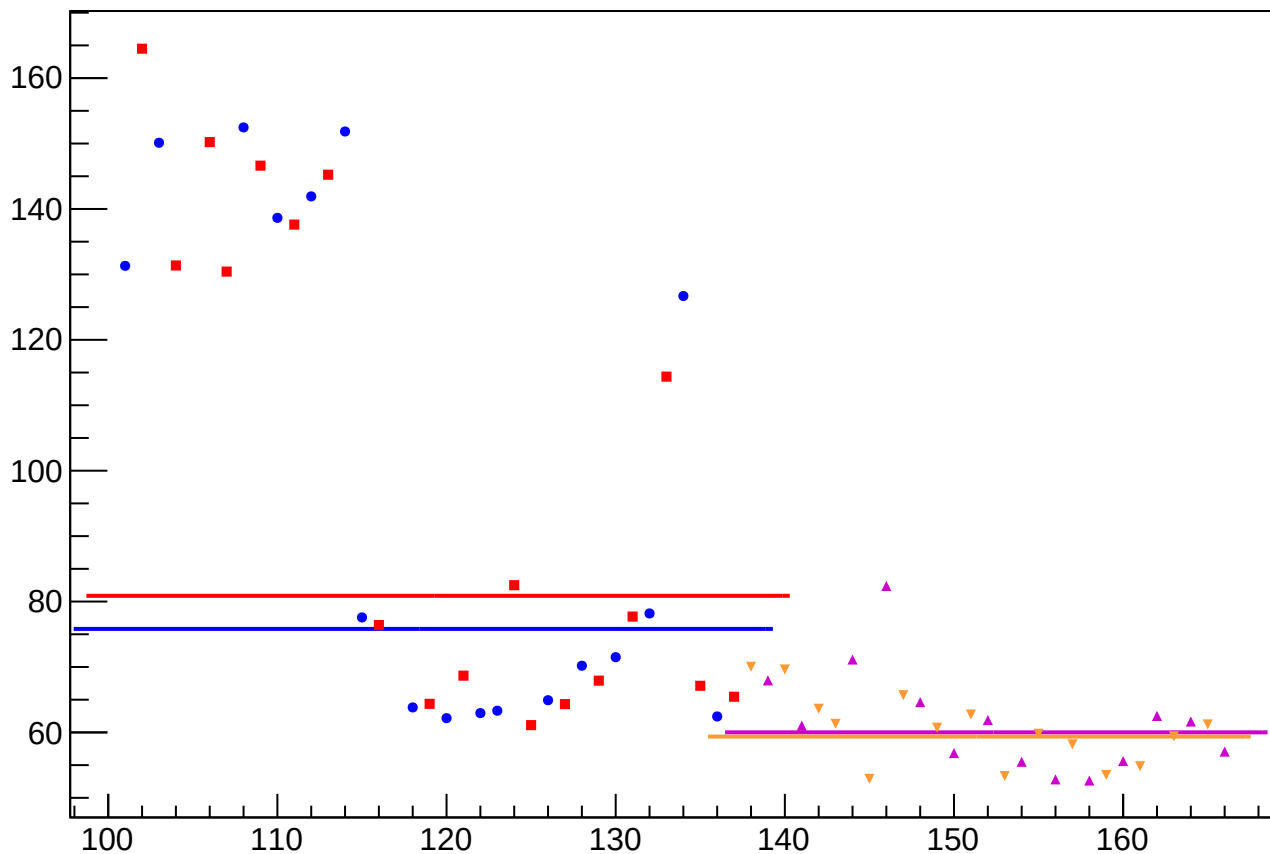
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 53.823 $\pm$ 15.830 χ^2 /NDF:30.2/30

Out: 41.910 $\pm$ 15.679 χ^2 /NDF:34.4/32

All: 47.810 $\pm$ 11.140 χ^2 /NDF: 65.0/63

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 59.364 $\pm$ 0.013 χ^2 /NDF:167321.8/14

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 60.010 $\pm$ 0.013 χ^2 /NDF:274991.2/13

Left: 59.677 $\pm$ 0.009 χ^2 /NDF: 443581.1/28

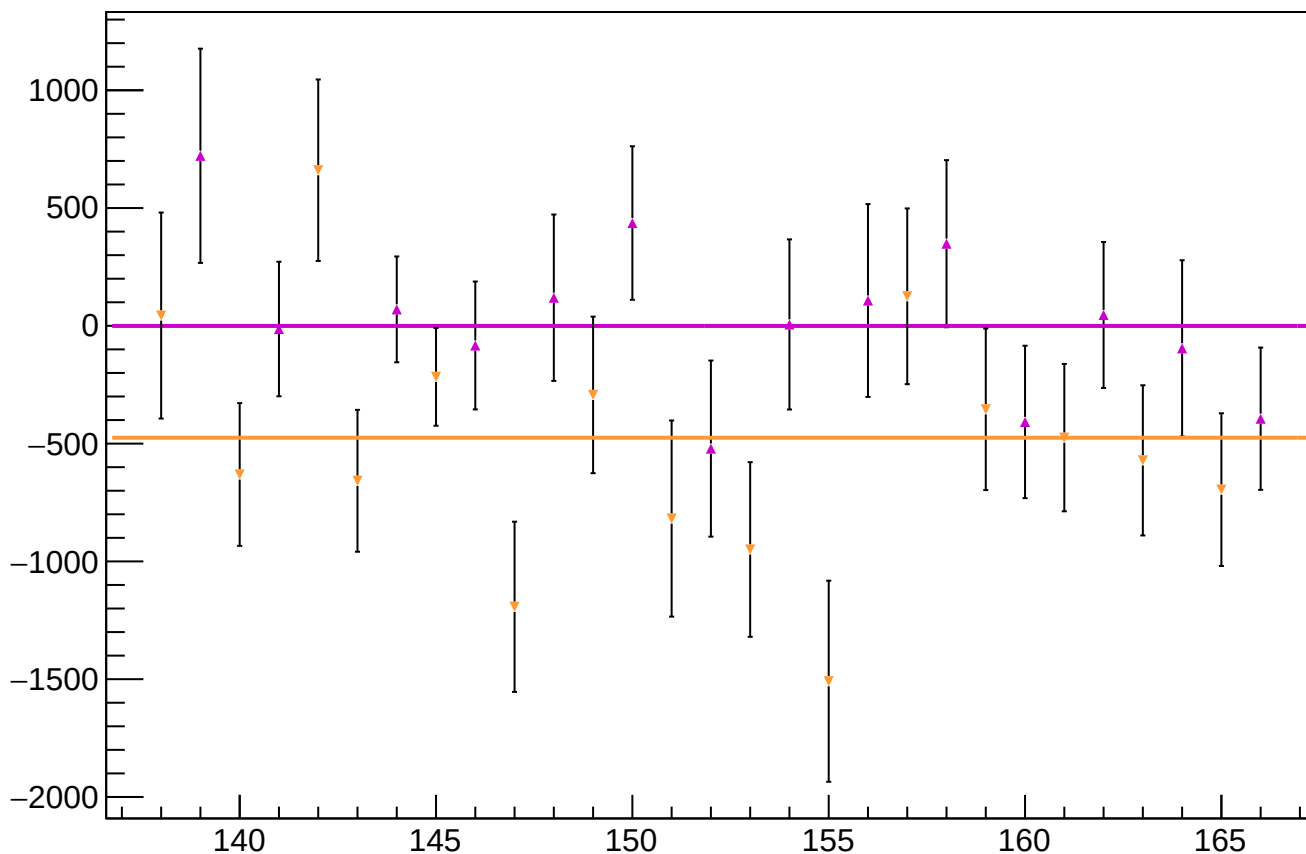
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 64.116 $\pm$ 0.011 χ^2 /NDF:2008537.6/30

Out: 64.297 $\pm$ 0.011 χ^2 /NDF:2358967.2/32

All: 64.208 $\pm$ 0.008 χ^2 /NDF: 4367637.2/63

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -475.042+/-85.235 χ^2/NDF :28.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.391+/-86.142 χ^2/NDF :11.0/13

Left: -240.230+/-60.588 χ^2/NDF : 54.3/28

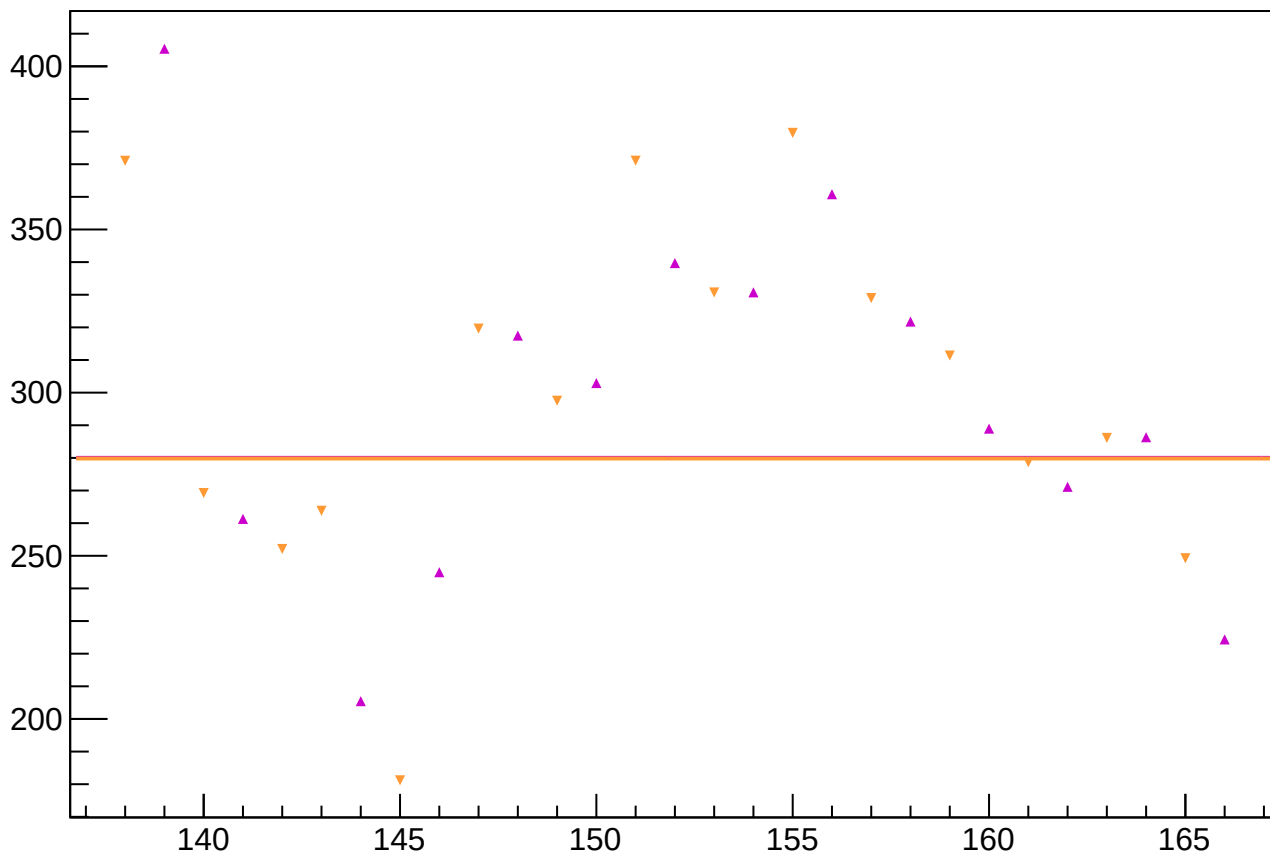
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.391+/-86.142 χ^2/NDF :11.0/13

Out: -475.042+/-85.235 χ^2/NDF :28.0/14

All: -240.230+/-60.588 χ^2/NDF : 54.3/28

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.812+/-0.060 χ^2/NDF : 900569.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 280.003+/-0.061 χ^2/NDF : 714640.4/13

Left: 279.907+/-0.043 χ^2/NDF : 1615215.3/28

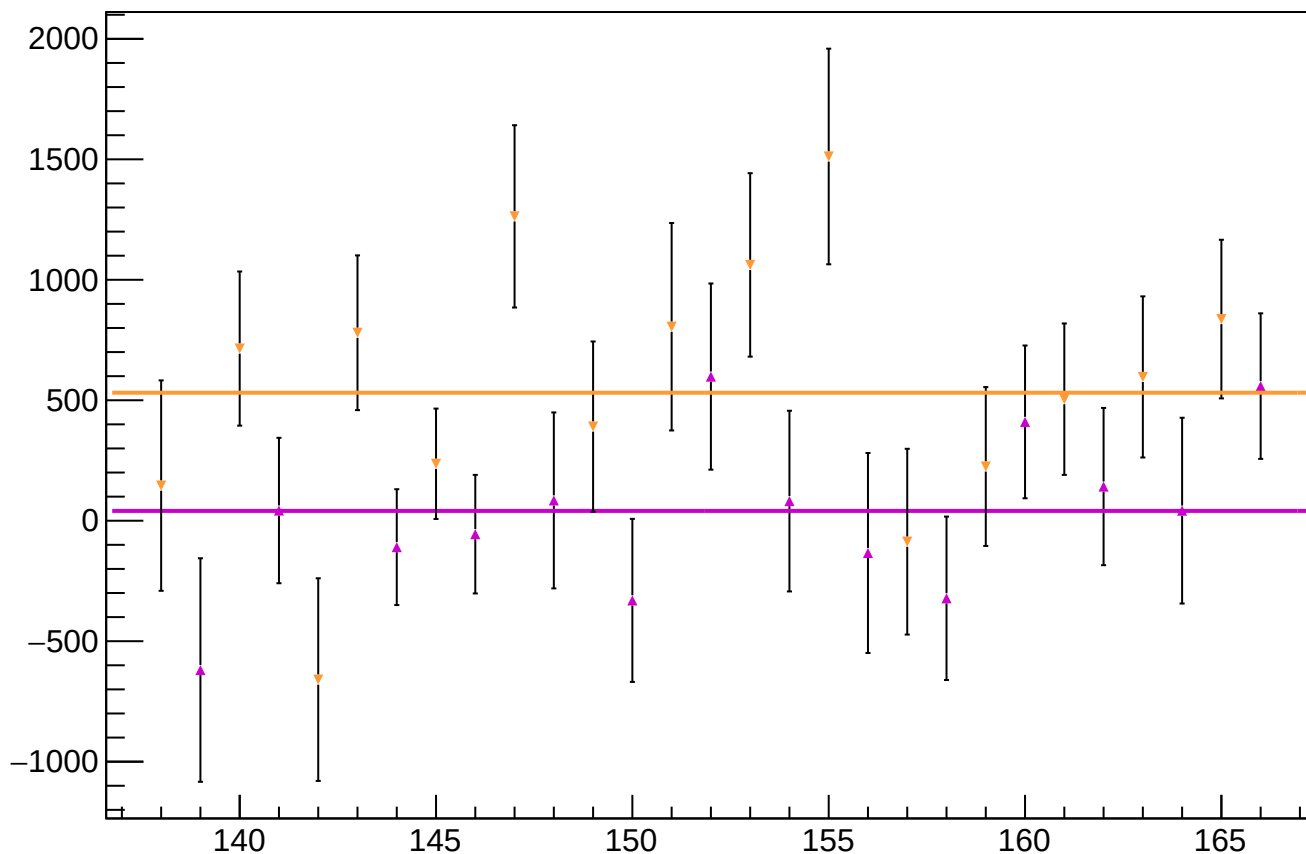
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.003+/-0.061 χ^2/NDF : 714640.4/13

Out: 279.812+/-0.060 χ^2/NDF : 900569.9/14

All: 279.907+/-0.043 χ^2/NDF : 1615215.3/28

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 531.384+/-89.108 χ^2/NDF :26.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.770+/-87.362 χ^2/NDF :11.6/13

Left: 281.225+/-62.383 χ^2/NDF : 53.8/28

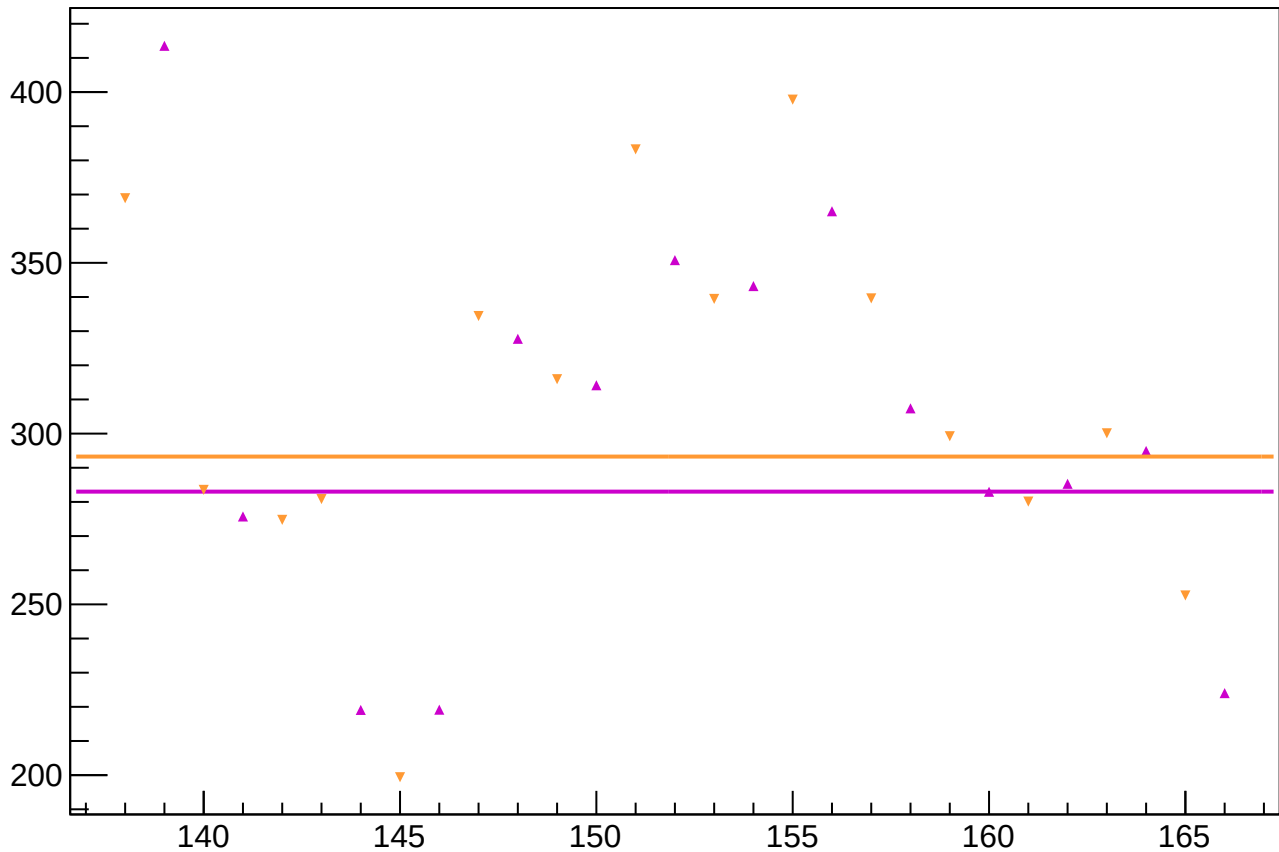
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.770+/-87.362 χ^2/NDF :11.6/13

Out: 531.384+/-89.108 χ^2/NDF :26.8/14

All: 281.225+/-62.383 χ^2/NDF : 53.8/28

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 293.277+/-0.063 χ^2/NDF : 726768.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

Left: 288.043+/-0.044 χ^2/NDF : 1502837.5/28

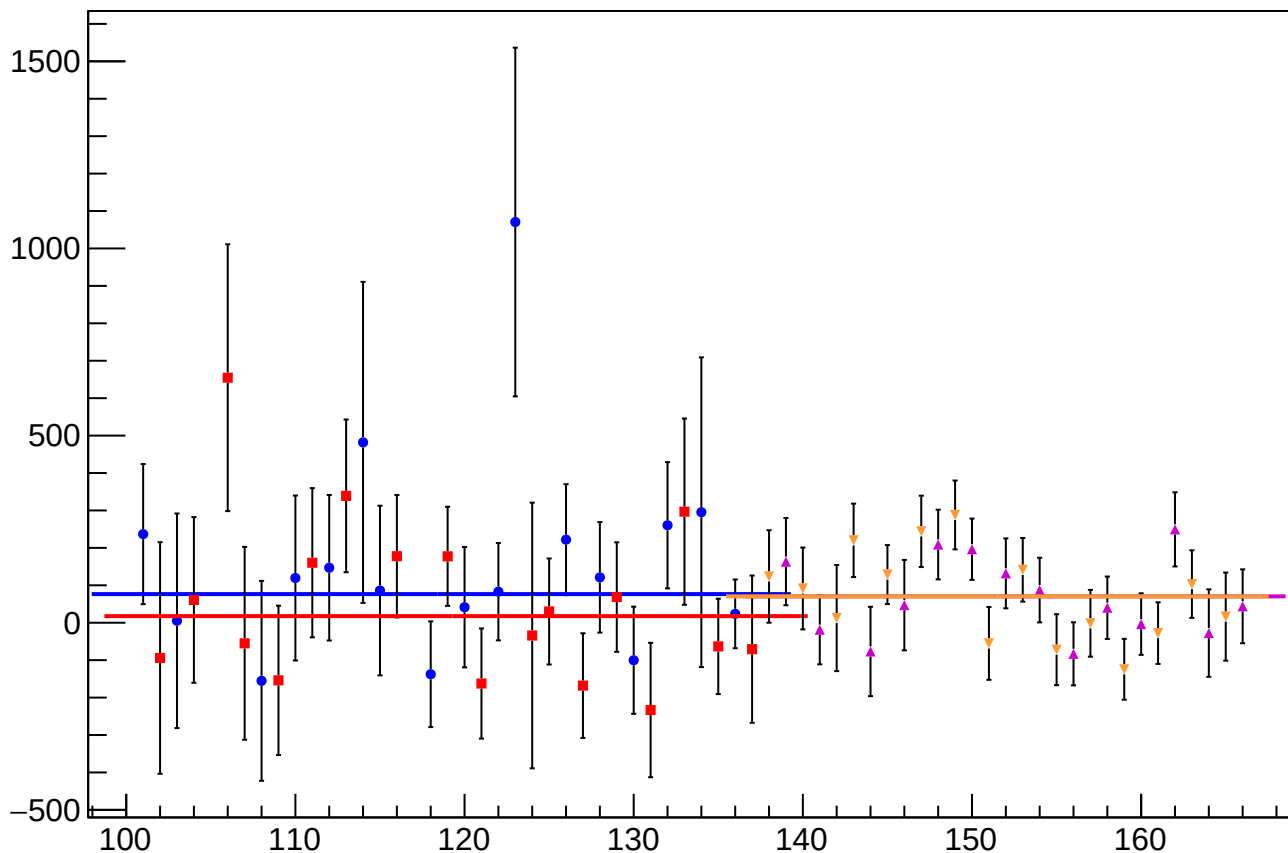
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

Out: 293.277+/-0.063 χ^2/NDF : 726768.0/14

All: 288.043+/-0.044 χ^2/NDF : 1502837.5/28

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 70.429+/-24.492 χ^2/NDF : 25.0/14

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 70.428+/-25.377 χ^2/NDF : 16.5/13

Left: 70.429+/-17.623 χ^2/NDF : 41.4/28

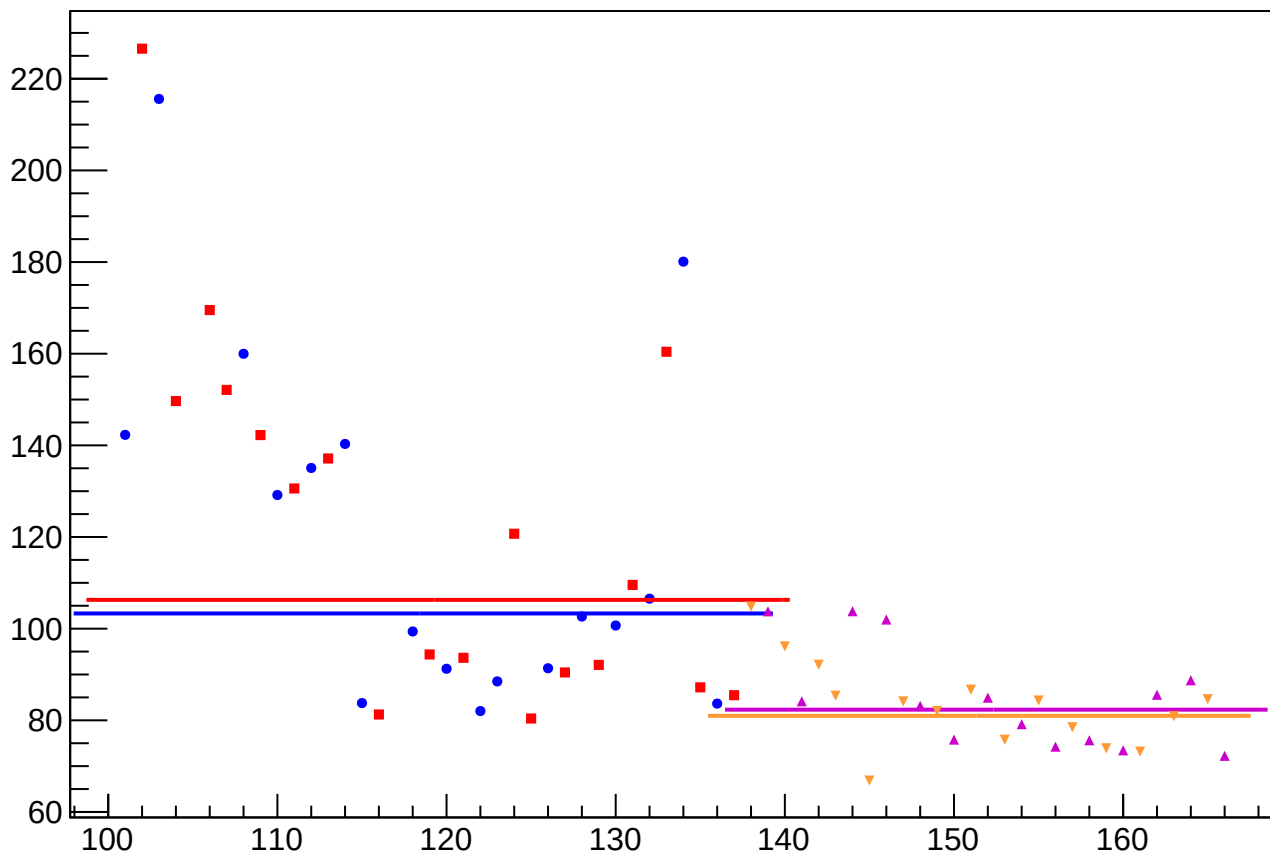
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 72.078+/-21.658 χ^2/NDF : 30.4/30

Out: 57.165+/-21.195 χ^2/NDF : 42.9/32

All: 64.460+/-15.148 χ^2/NDF : 73.6/63

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 80.985 $\pm$ 0.017 χ^2 /NDF: 249469.9/14

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 82.324 $\pm$ 0.018 χ^2 /NDF: 286916.5/13

Left: 81.631 $\pm$ 0.012 χ^2 /NDF: 539271.2/28

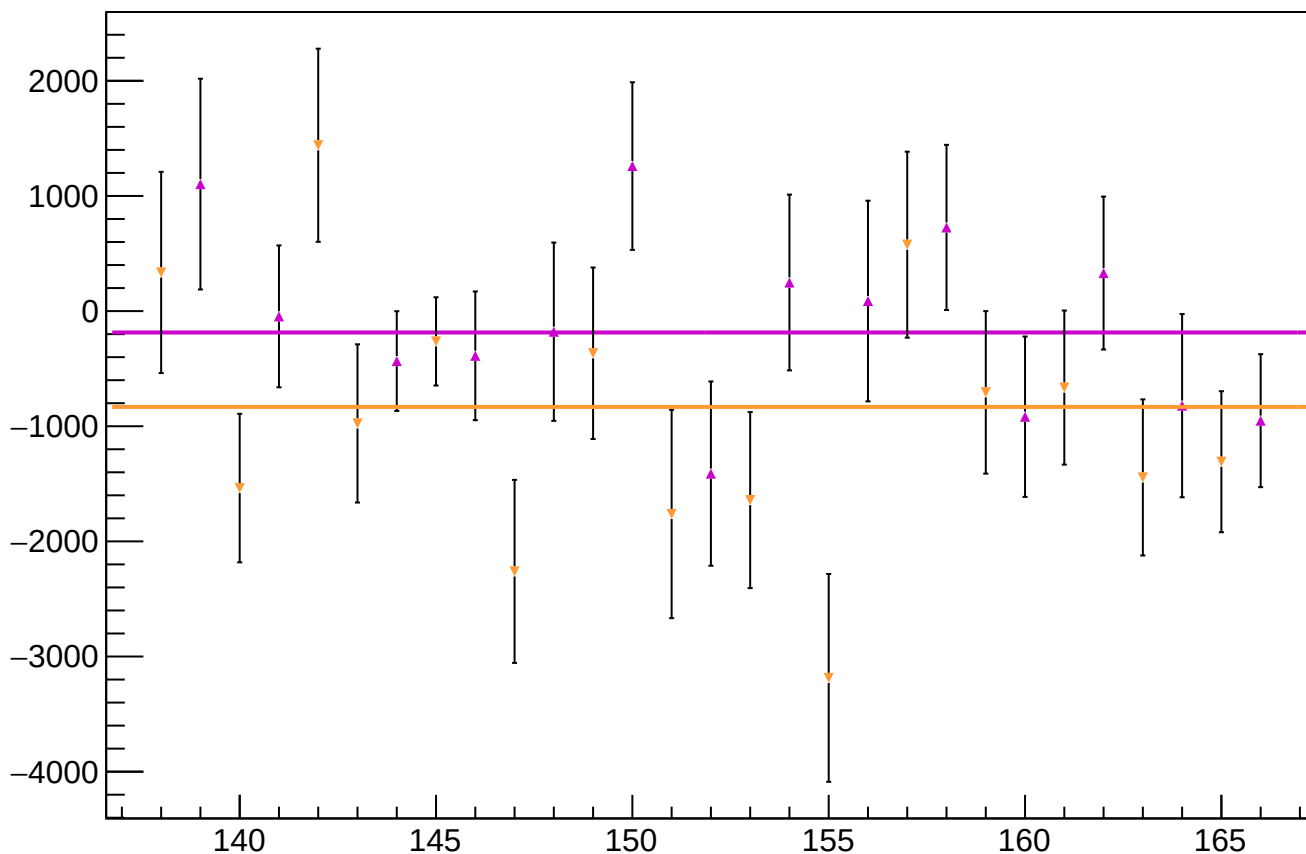
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 88.026 $\pm$ 0.015 χ^2 /NDF: 1496474.1/30

Out: 87.339 $\pm$ 0.015 χ^2 /NDF: 1786222.0/32

All: 87.675 $\pm$ 0.011 χ^2 /NDF: 3283725.6/63

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -832.339 $\pm$ 176.146 χ^2 /NDF:29.7/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -185.749 $\pm$ 178.563 χ^2 /NDF:14.9/13

Left: -513.449 $\pm$ 125.400 χ^2 /NDF: 51.3/28

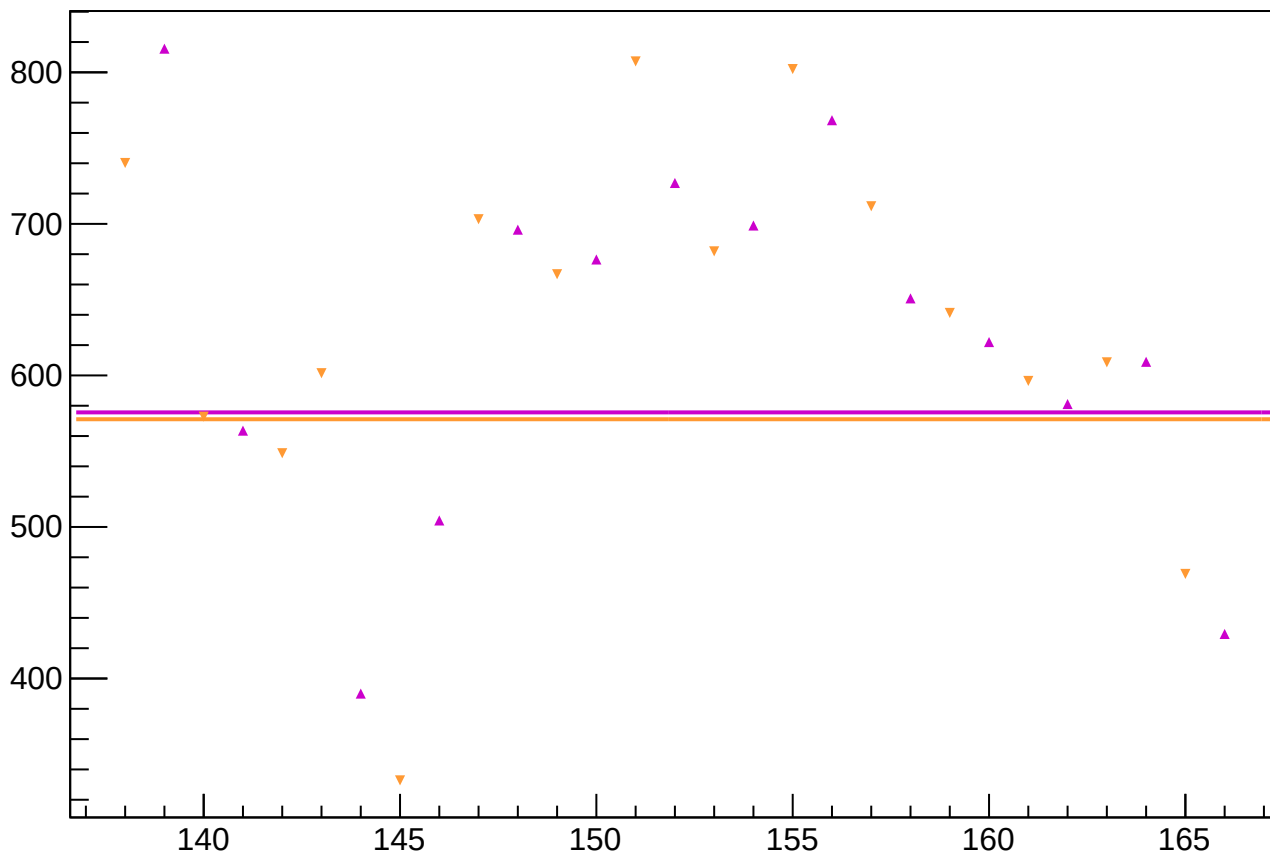
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -185.749 $\pm$ 178.563 χ^2 /NDF:14.9/13

Out: -832.339 $\pm$ 176.146 χ^2 /NDF:29.7/14

All: -513.449 $\pm$ 125.400 χ^2 /NDF: 51.3/28

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 571.083+/-0.125 χ^2/NDF :1396530.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Left: 573.316+/-0.089 χ^2/NDF : 2406443.9/28

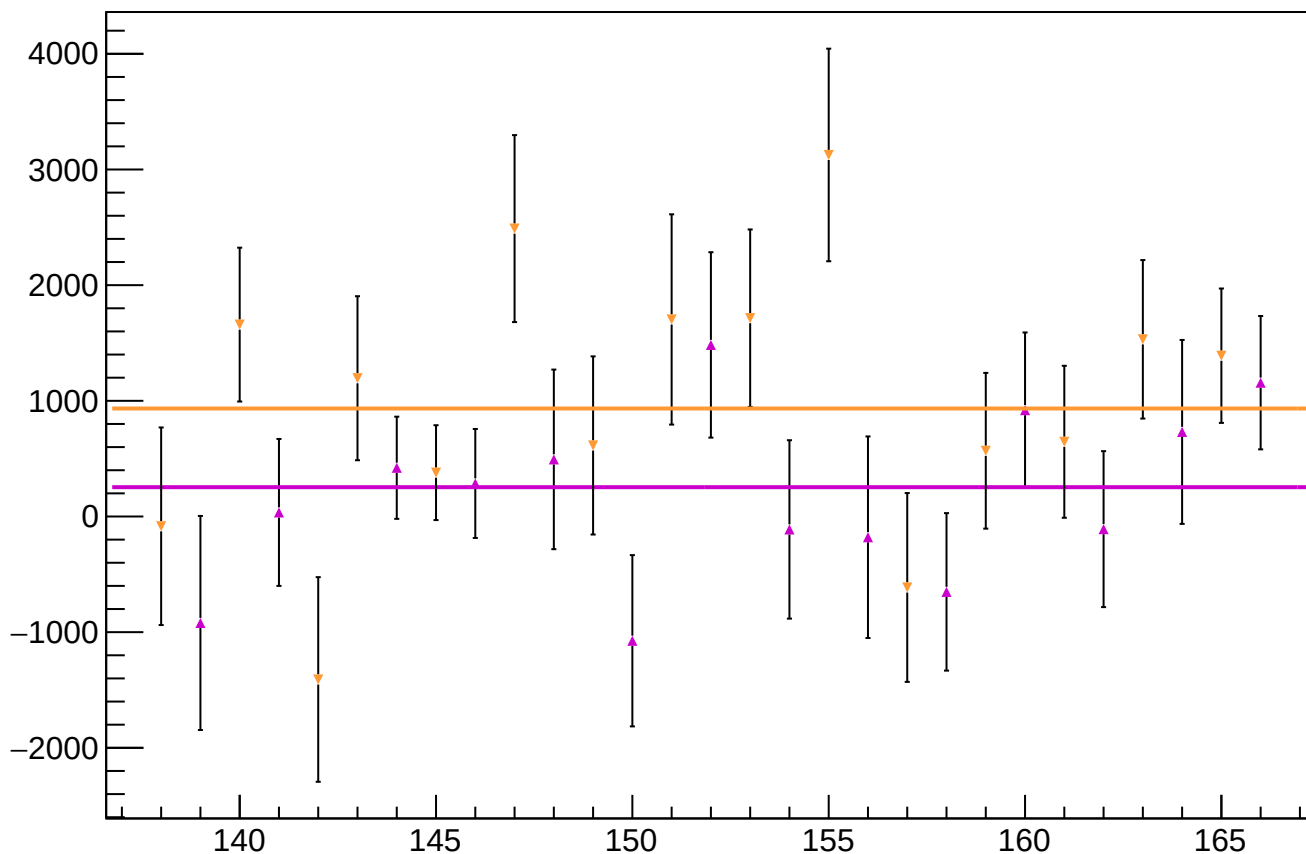
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Out: 571.083+/-0.125 χ^2/NDF :1396530.8/14

All: 573.316+/-0.089 χ^2/NDF : 2406443.9/28

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 933.715+/-178.815 χ^2/NDF : 28.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Left: 587.123+/-125.237 χ^2/NDF : 49.6/28

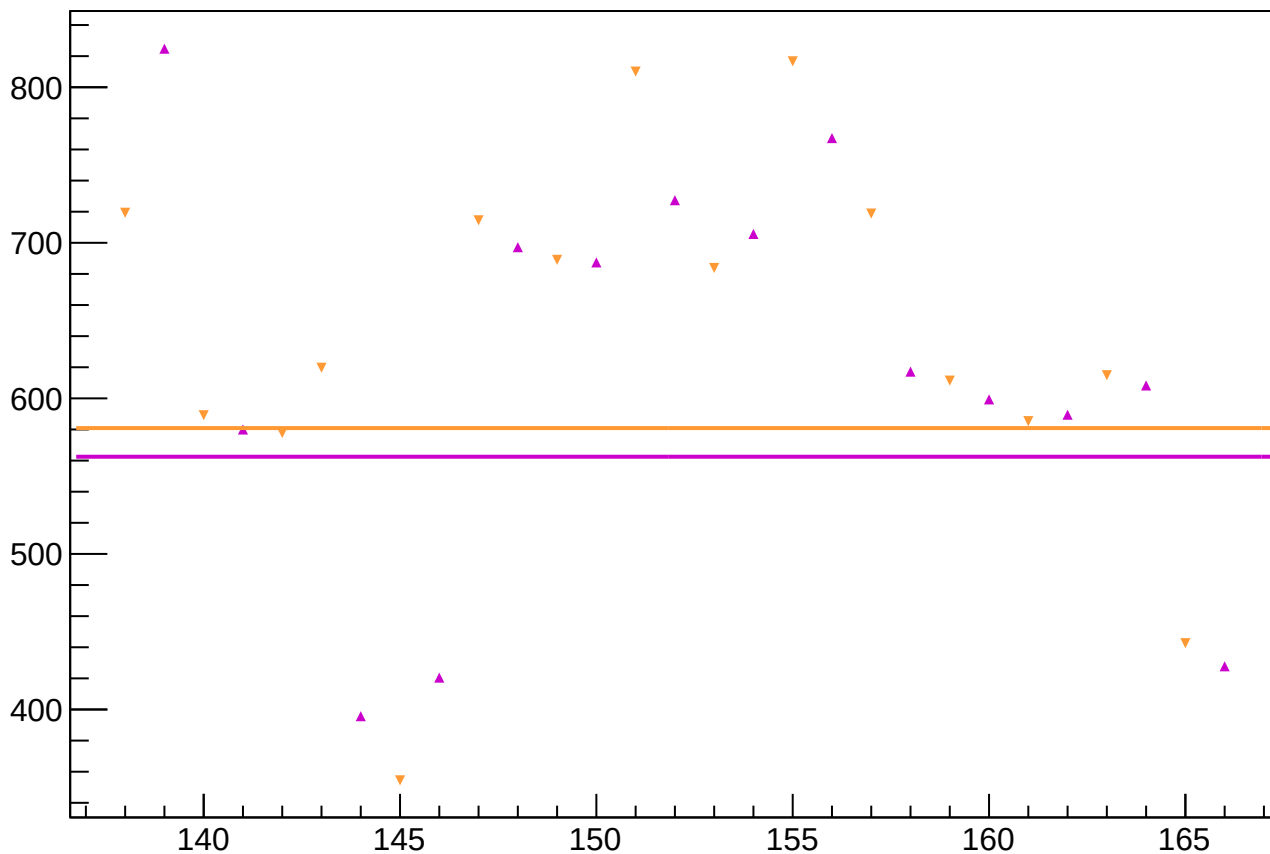
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Out: 933.715+/-178.815 χ^2/NDF : 28.4/14

All: 587.123+/-125.237 χ^2/NDF : 49.6/28

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.895+/-0.126 χ^2/NDF :1237298.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Left: 571.516+/-0.089 χ^2/NDF : 2396681.6/28

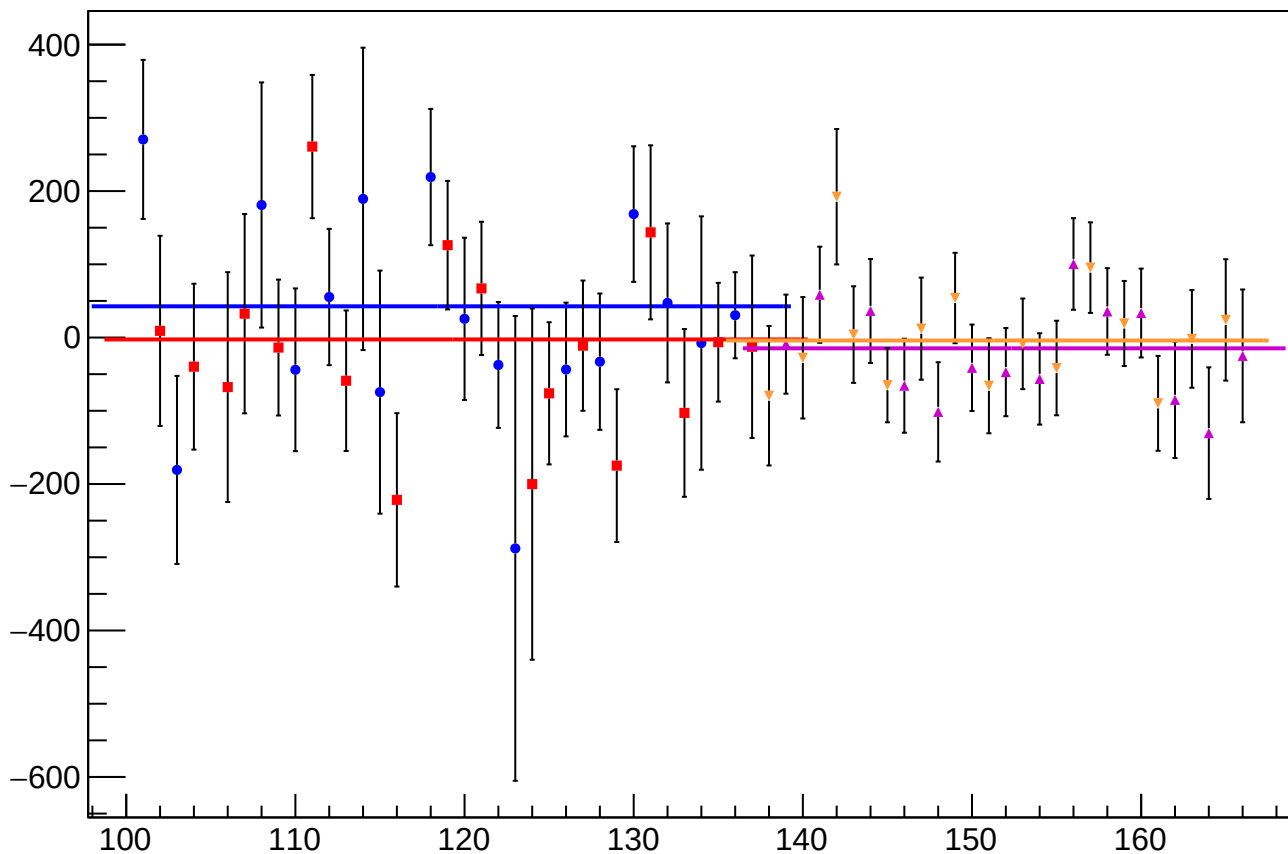
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Out: 580.895+/-0.126 χ^2/NDF :1237298.0/14

All: 571.516+/-0.089 χ^2/NDF : 2396681.6/28

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: -4.004 $\pm$ 17.237 χ^2 /NDF:13.5/14

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -14.721 $\pm$ 17.829 χ^2 /NDF:12.2/13

Left: -9.182 $\pm$ 12.392 χ^2 /NDF: 25.9/28

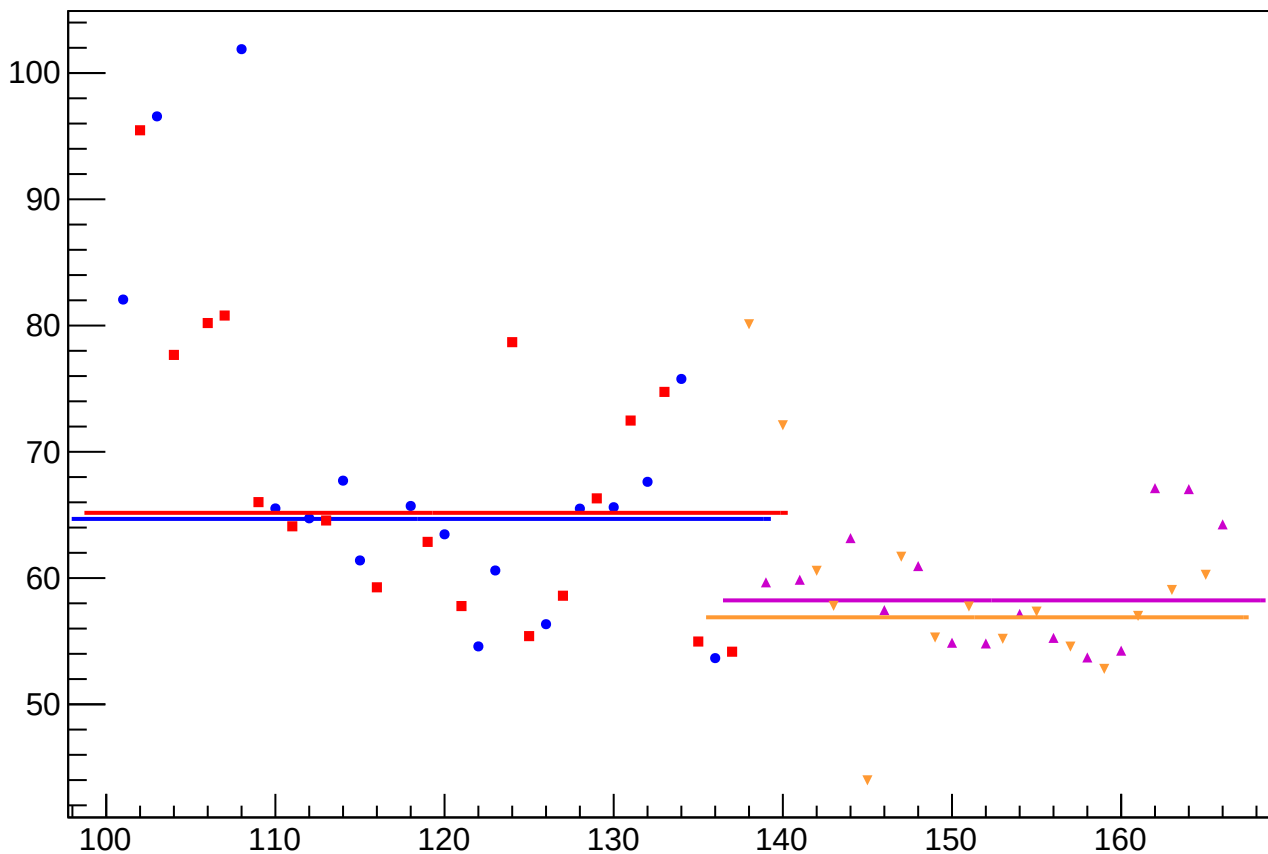
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 4.131 $\pm$ 14.609 χ^2 /NDF:34.4/30

Out: -3.546 $\pm$ 14.207 χ^2 /NDF:33.9/32

All: 0.185 $\pm$ 10.185 χ^2 /NDF: 68.5/63

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.893 $\pm$ 0.012 χ^2 /NDF:350378.9/14

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.233 $\pm$ 0.013 χ^2 /NDF:106654.7/13

Left: 57.540 $\pm$ 0.009 χ^2 /NDF: 462873.3/28

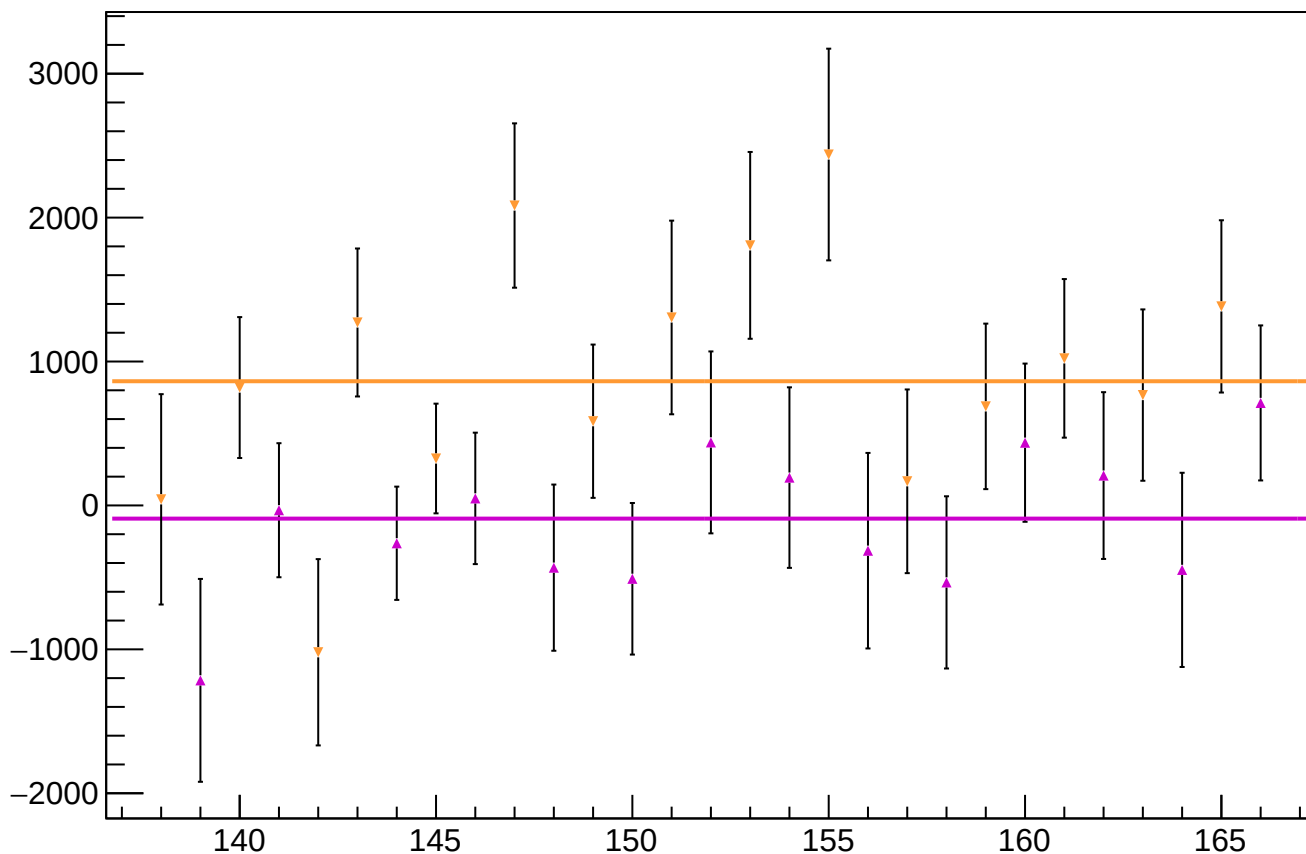
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.353 $\pm$ 0.010 χ^2 /NDF:592920.2/30

Out: 59.546 $\pm$ 0.010 χ^2 /NDF:802750.3/32

All: 59.938 $\pm$ 0.007 χ^2 /NDF: 1398805.7/63

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: 862.953+/-146.634 χ^2/NDF :26.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -91.605+/-146.780 χ^2/NDF :9.1/13

Left: 386.149+/-103.738 χ^2/NDF : 56.7/28

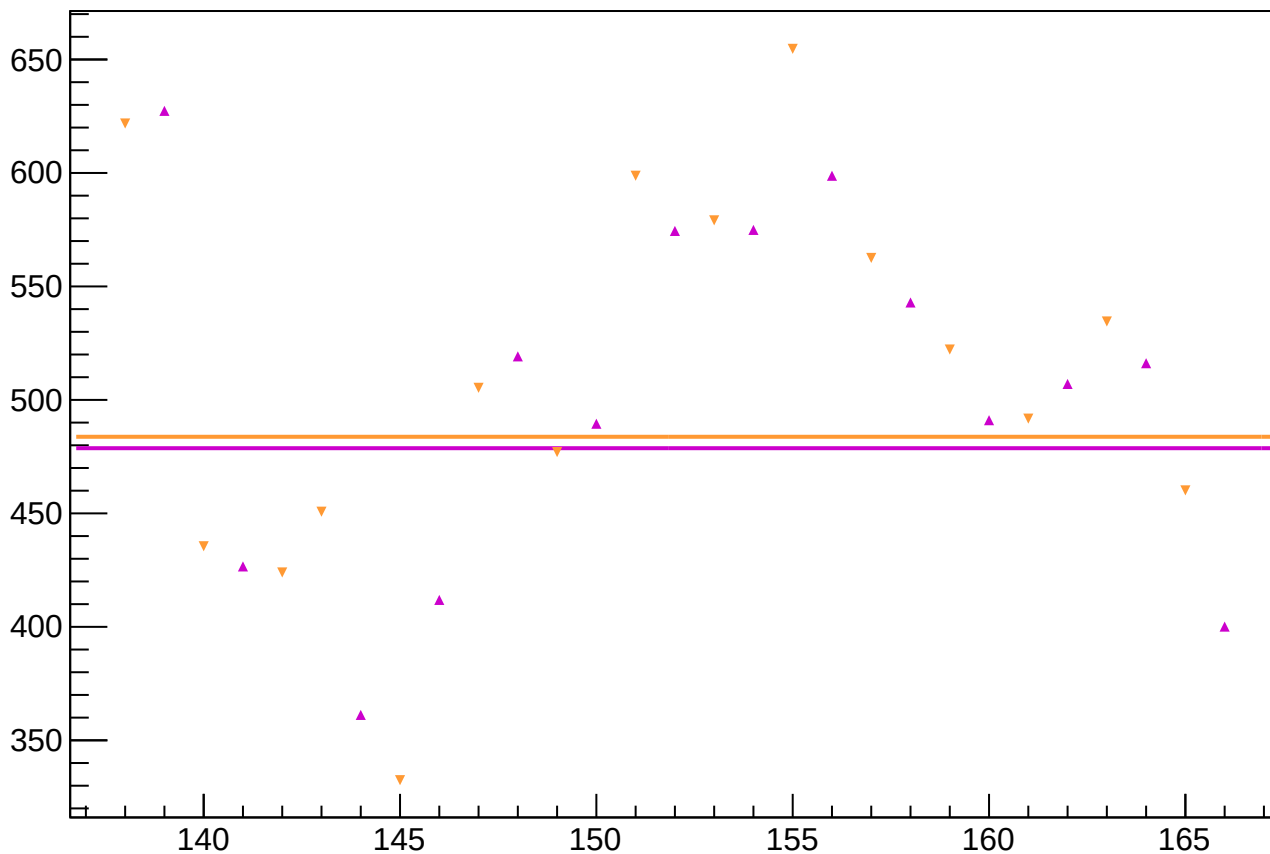
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.605+/-146.780 χ^2/NDF :9.1/13

Out: 862.953+/-146.634 χ^2/NDF :26.5/14

All: 386.149+/-103.738 χ^2/NDF : 56.7/28

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: 483.756+/-0.104 χ^2/NDF : 701725.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Left: 481.240+/-0.073 χ^2/NDF : 1281679.2/28

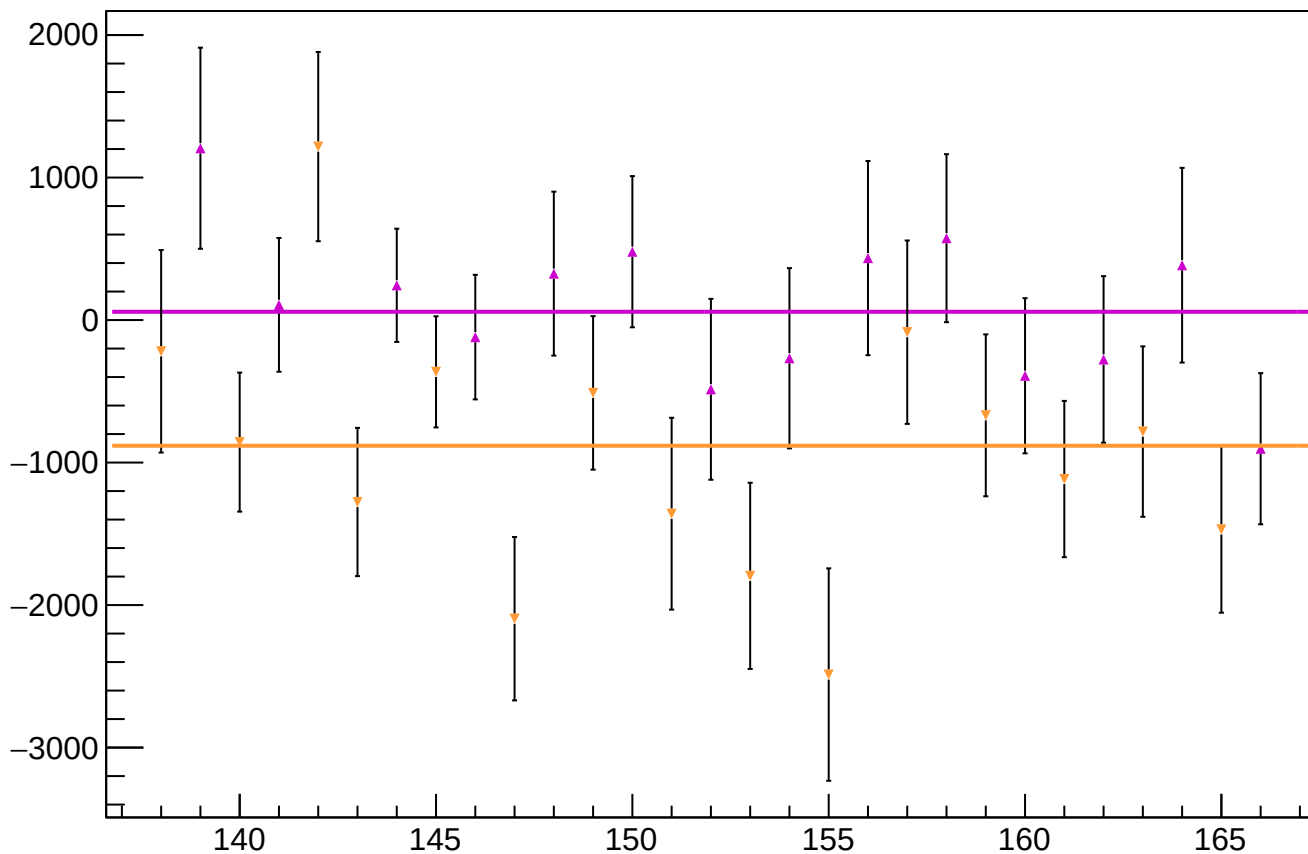
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Out: 483.756+/-0.104 χ^2/NDF : 701725.5/14

All: 481.240+/-0.073 χ^2/NDF : 1281679.2/28

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -881.961+/-147.241 χ^2/NDF :28.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 58.145+/-146.329 χ^2/NDF :10.5/13

Left: -408.988+/-103.791 χ^2/NDF : 59.1/28

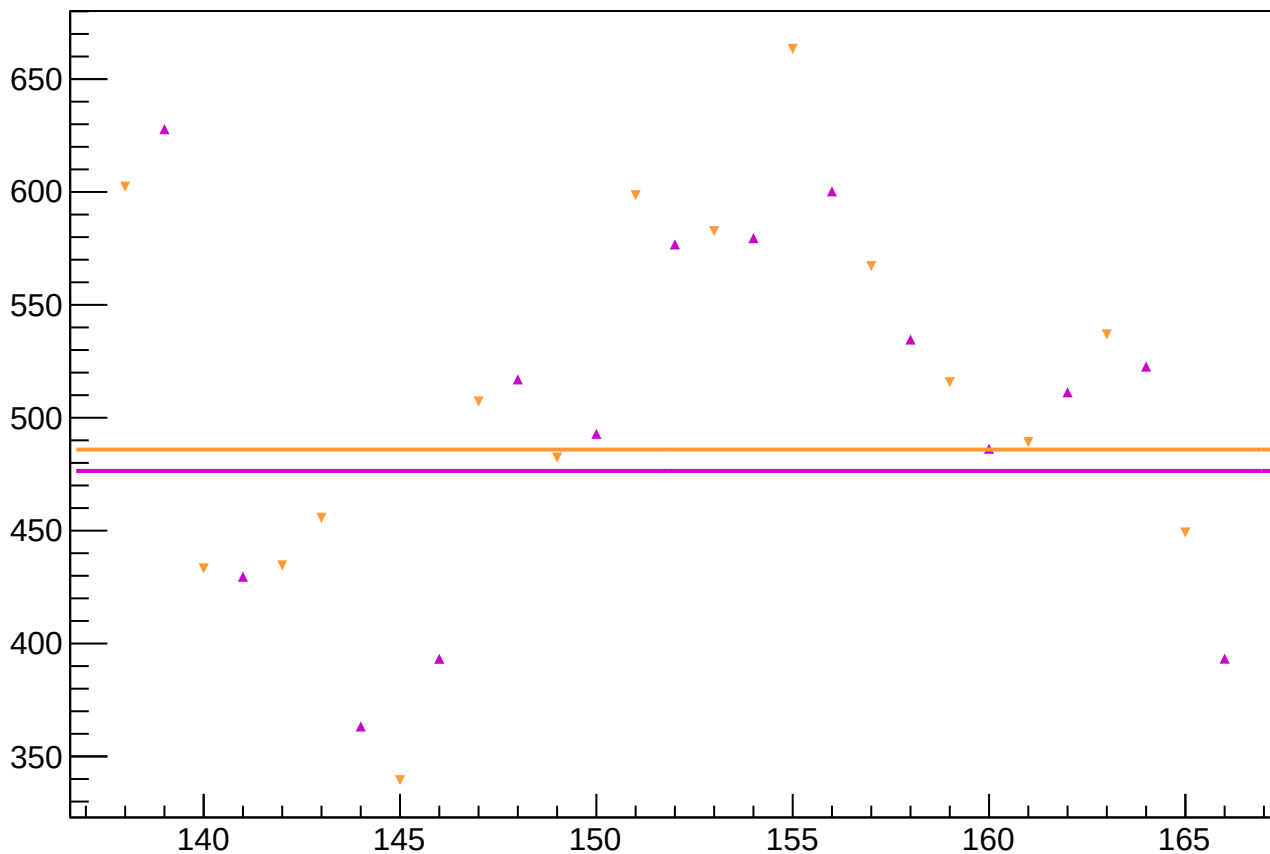
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.145+/-146.329 χ^2/NDF :10.5/13

Out: -881.961+/-147.241 χ^2/NDF :28.2/14

All: -408.988+/-103.791 χ^2/NDF : 59.1/28

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 485.907+/-0.104 χ^2/NDF : 653812.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

Left: 481.143+/-0.073 χ^2/NDF : 1271364.7/28

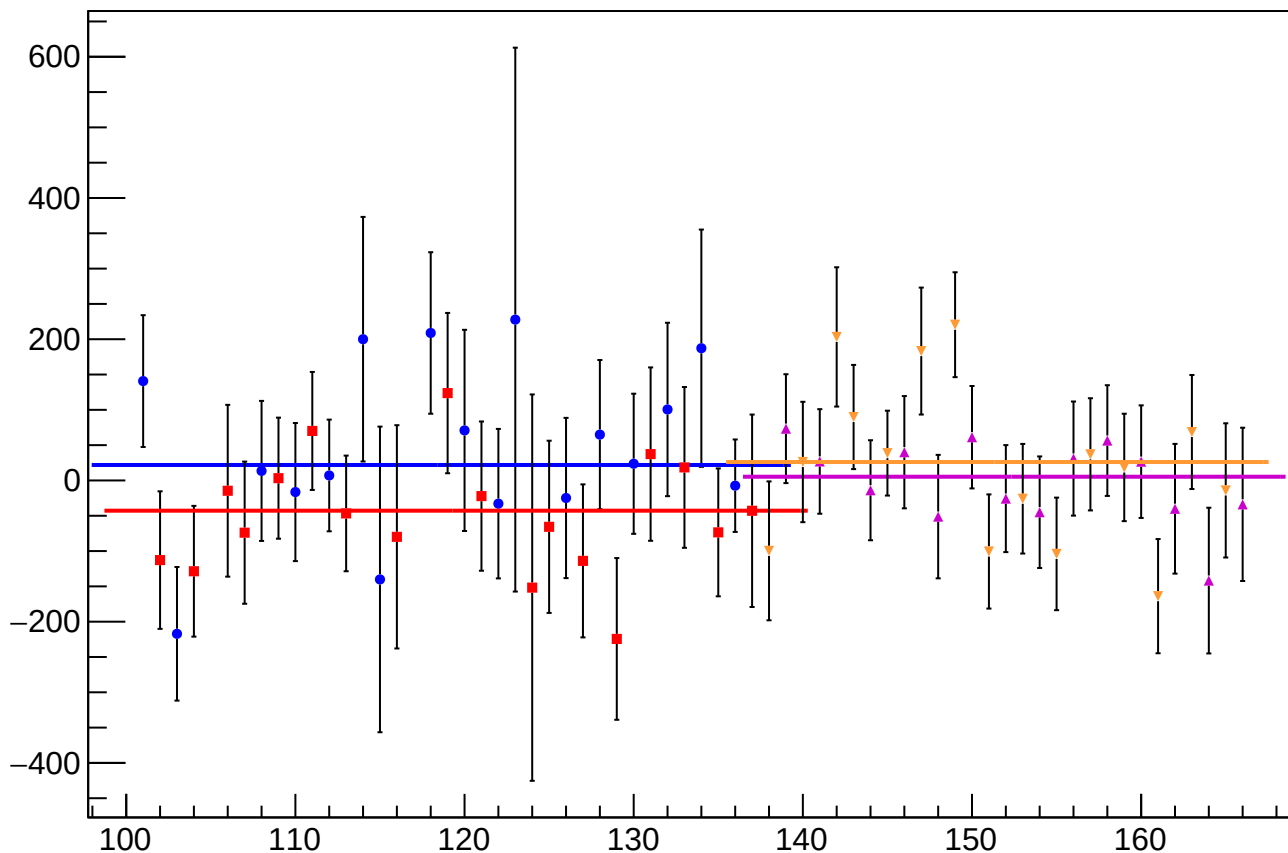
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

Out: 485.907+/-0.104 χ^2/NDF : 653812.4/14

All: 481.143+/-0.073 χ^2/NDF : 1271364.7/28

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 26.107 $\pm$ 20.697 χ^2 /NDF:27.1/14

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 5.279 $\pm$ 21.646 χ^2 /NDF:5.7/13

Left: 16.159 $\pm$ 14.959 χ^2 /NDF: 33.3/28

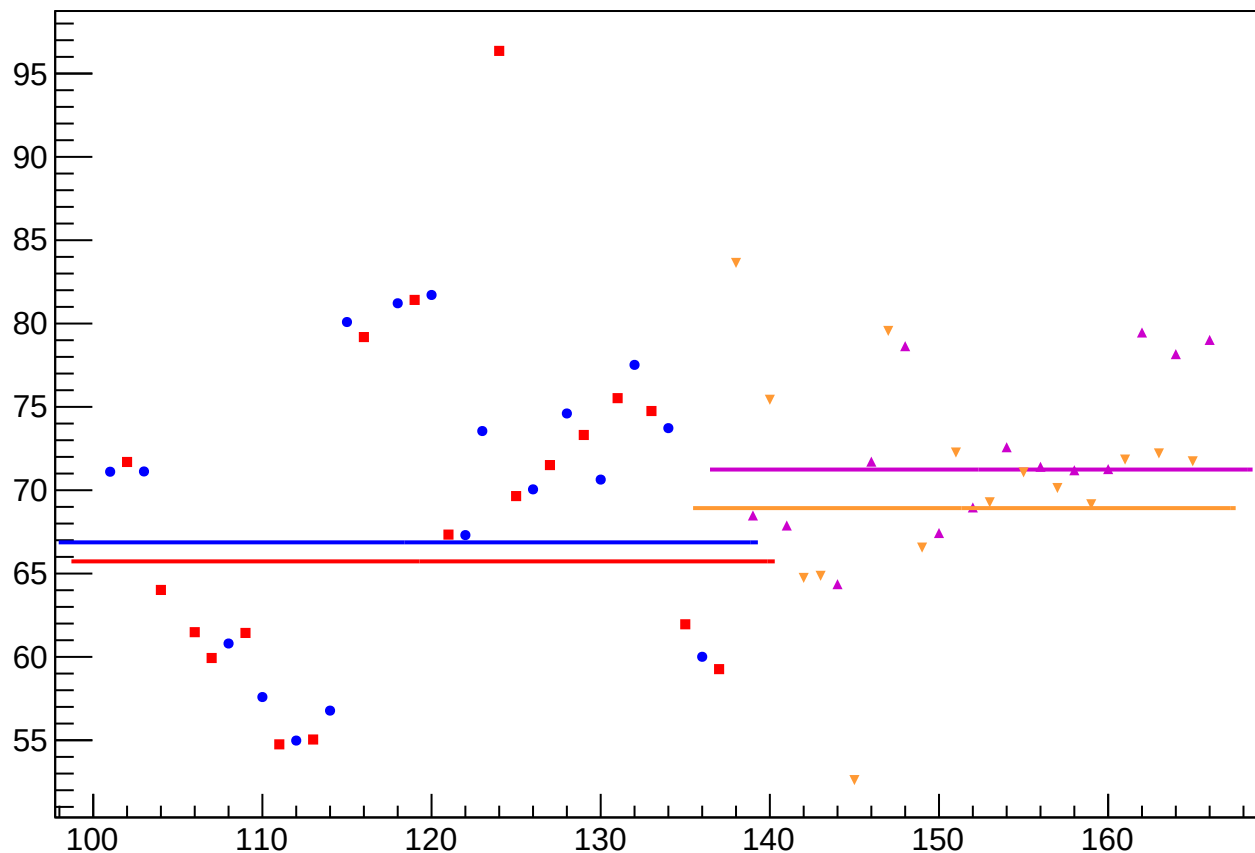
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 12.069 $\pm$ 16.650 χ^2 /NDF:21.0/30

Out: -1.768 $\pm$ 15.972 χ^2 /NDF:41.5/32

All: 4.863 $\pm$ 11.526 χ^2 /NDF: 62.9/63

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: 68.927 $\pm$ 0.015 χ^2/NDF : 256622.7/14

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 71.240 $\pm$ 0.015 χ^2/NDF : 83135.5/13

Left: 70.032 $\pm$ 0.011 χ^2/NDF : 351692.9/28

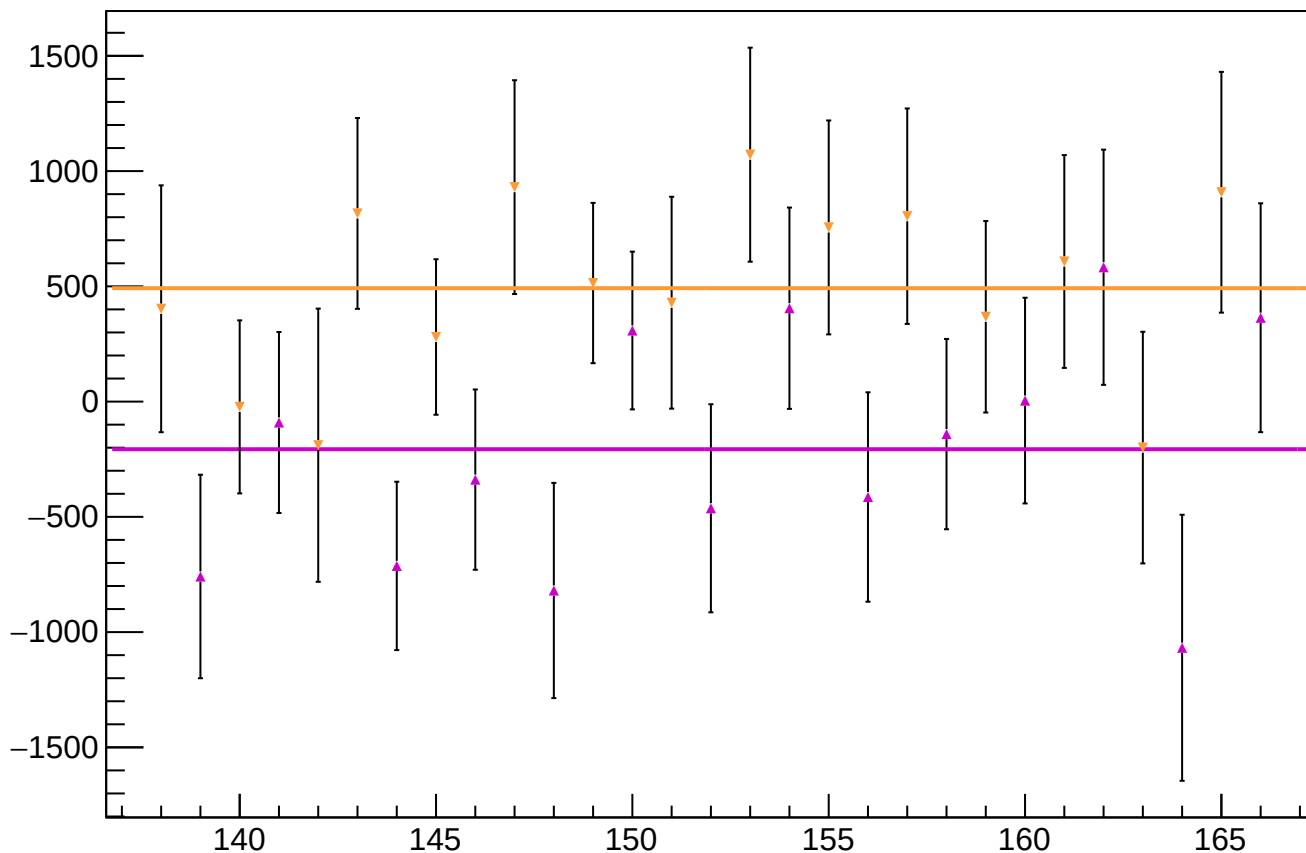
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 69.457 $\pm$ 0.012 χ^2/NDF : 318913.9/30

Out: 67.634 $\pm$ 0.011 χ^2/NDF : 494783.2/32

All: 68.508 $\pm$ 0.008 χ^2/NDF : 826174.4/63

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 492.065+/-113.454 χ^2/NDF :10.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -206.642+/-115.030 χ^2/NDF :16.4/13

Left: 147.531+/-80.775 χ^2/NDF : 45.2/28

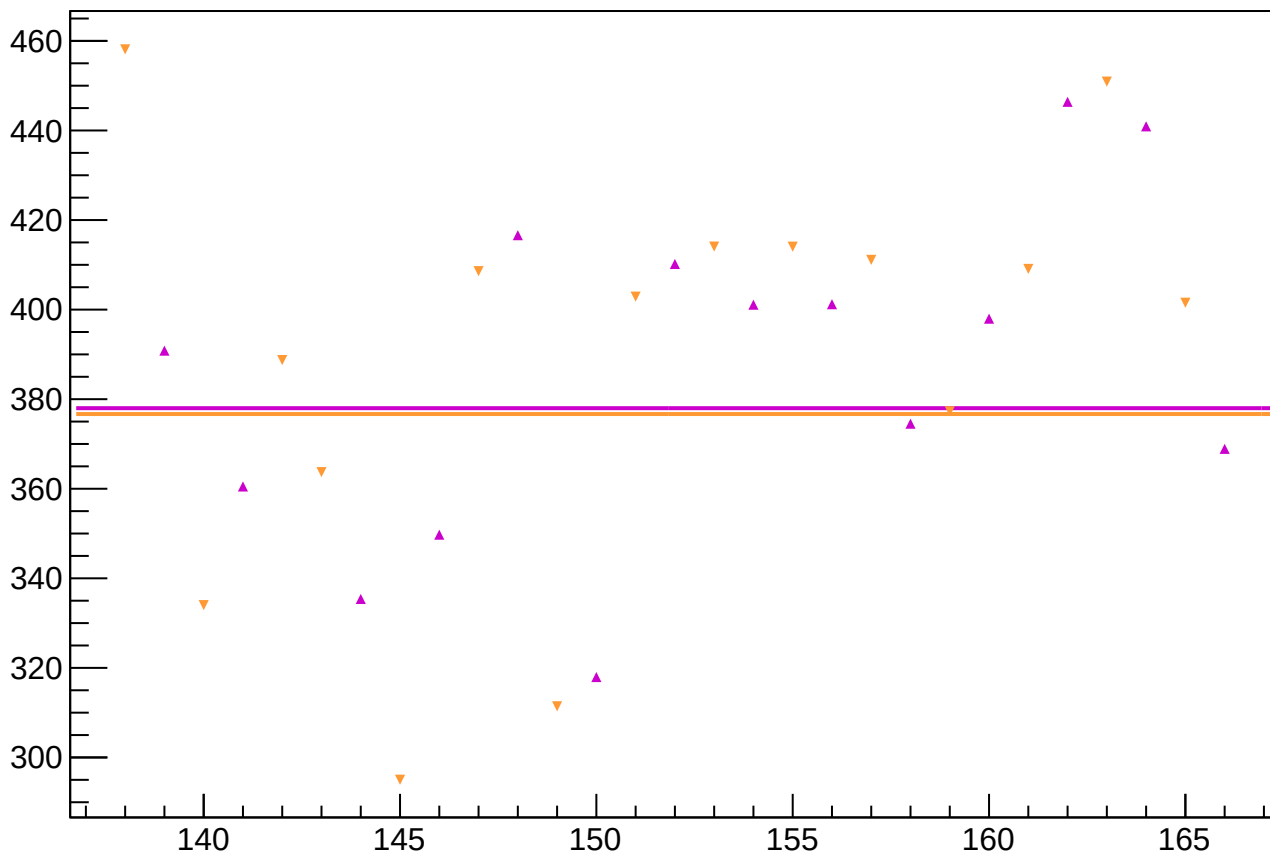
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -206.642+/-115.030 χ^2/NDF :16.4/13

Out: 492.065+/-113.454 χ^2/NDF :10.2/14

All: 147.531+/-80.775 χ^2/NDF : 45.2/28

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: 376.684+/-0.080 χ^2/NDF :373350.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 377.990+/-0.081 χ^2/NDF :204126.3/13

Left: 377.328+/-0.057 χ^2/NDF : 577607.2/28

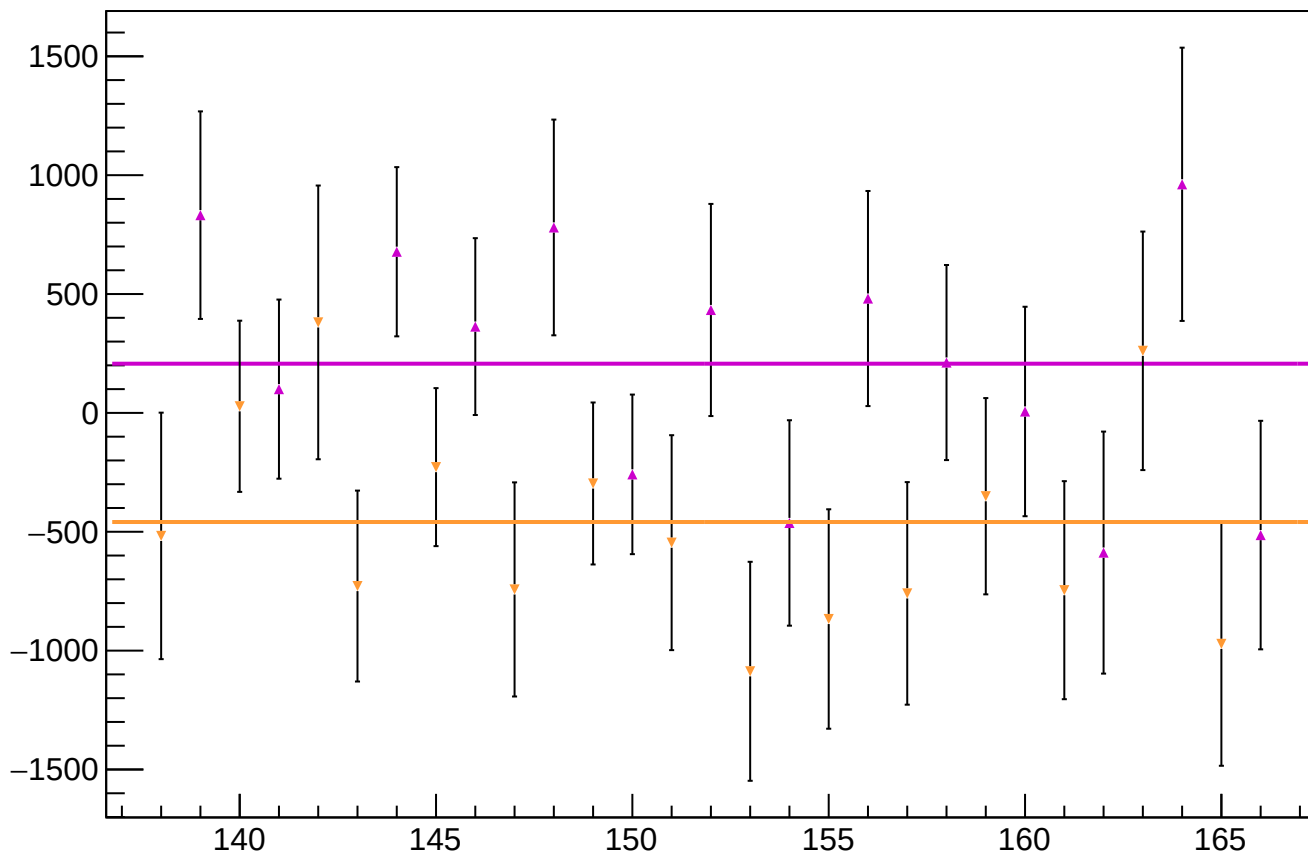
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 377.990+/-0.081 χ^2/NDF :204126.3/13

Out: 376.684+/-0.080 χ^2/NDF :373350.1/14

All: 377.328+/-0.057 χ^2/NDF : 577607.2/28

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -458.940+/-111.443 χ^2/NDF :12.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.974+/-112.709 χ^2/NDF :17.2/13

Left: -129.744+/-79.246 χ^2/NDF : 47.0/28

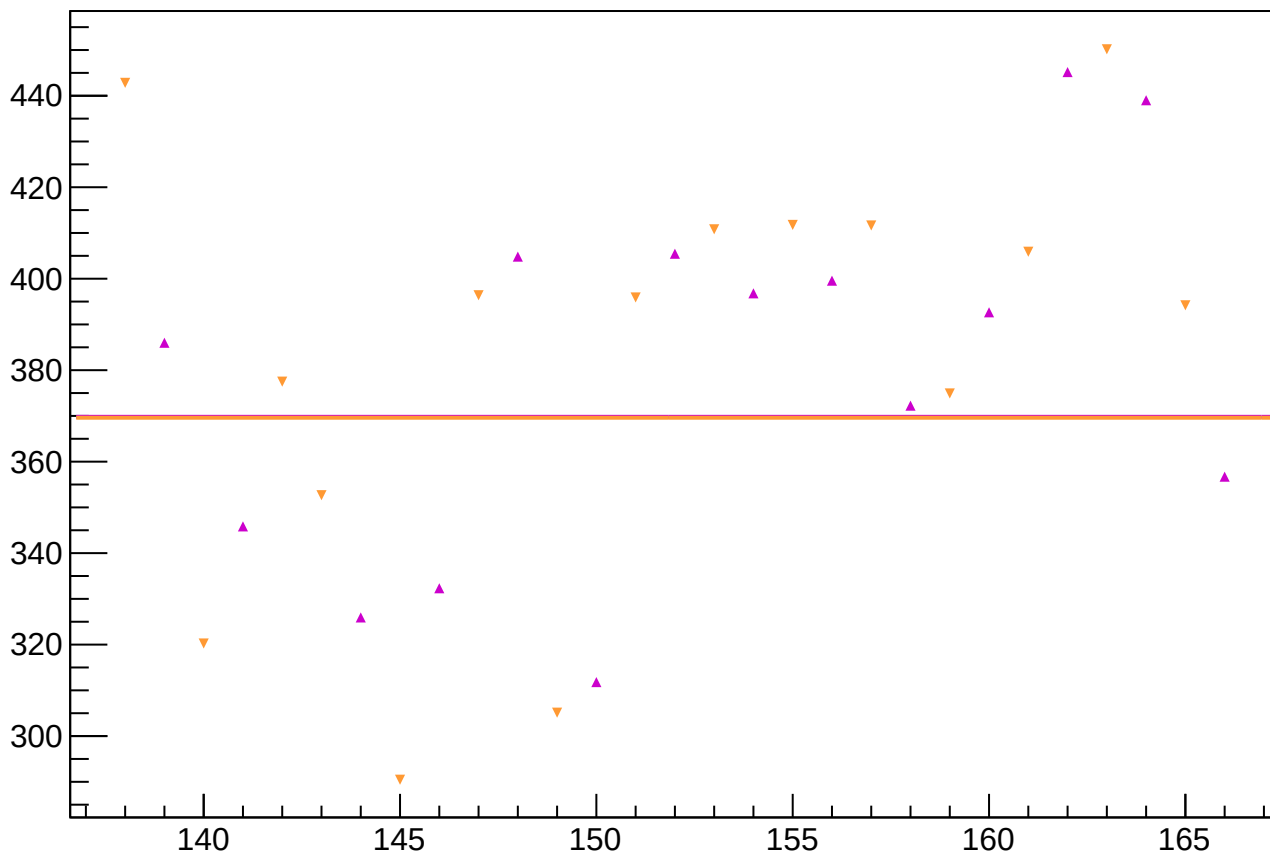
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.974+/-112.709 χ^2/NDF :17.2/13

Out: -458.940+/-111.443 χ^2/NDF :12.1/14

All: -129.744+/-79.246 χ^2/NDF : 47.0/28

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 369.606+/-0.079 χ^2/NDF :398177.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 369.799+/-0.080 χ^2/NDF :242192.9/13

Left: 369.701+/-0.056 χ^2/NDF : 640373.1/28

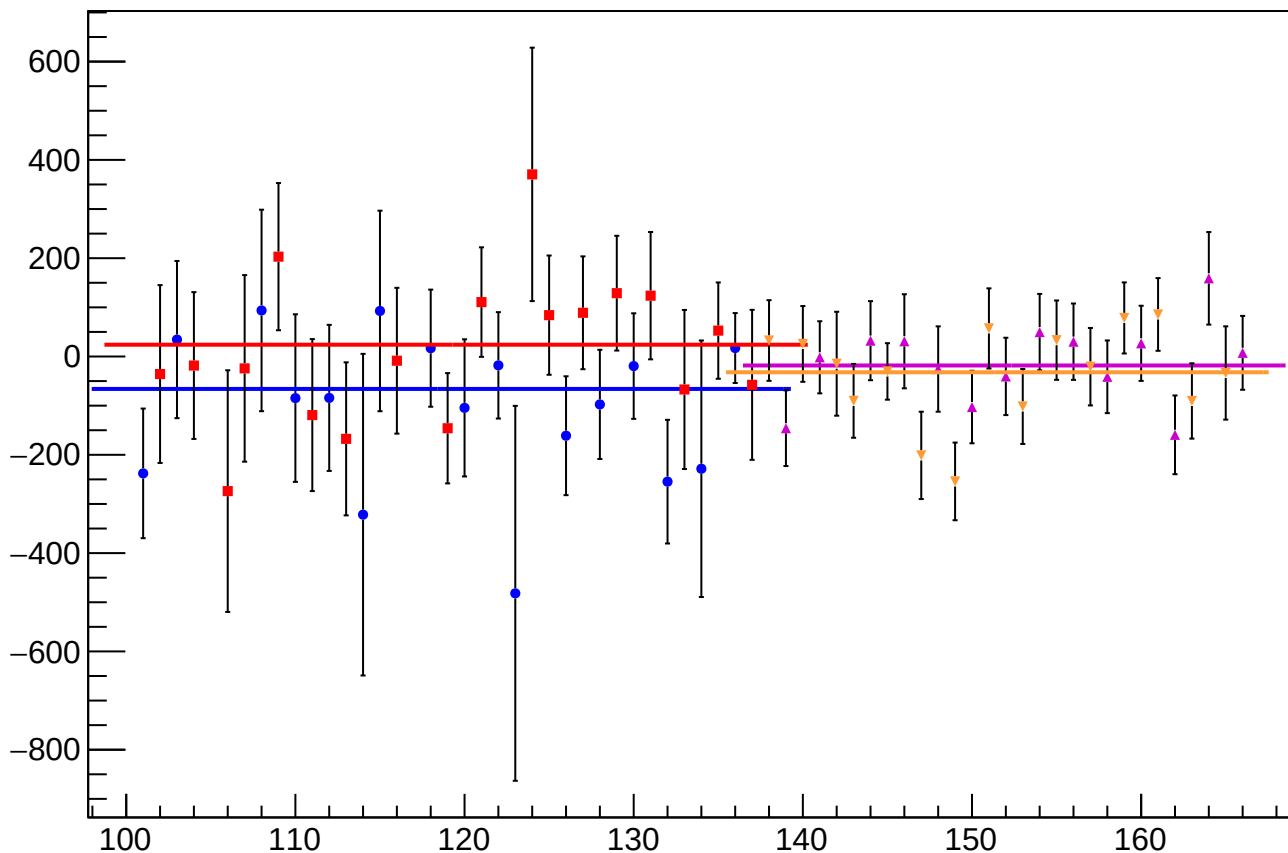
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.799+/-0.080 χ^2/NDF :242192.9/13

Out: 369.606+/-0.079 χ^2/NDF :398177.3/14

All: 369.701+/-0.056 χ^2/NDF : 640373.1/28

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: -32.089 ± 20.139 χ^2/NDF : 21.5/14

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -18.267 ± 21.189 χ^2/NDF : 13.2/13

Left: -25.529 ± 14.597 χ^2/NDF : 34.9/28

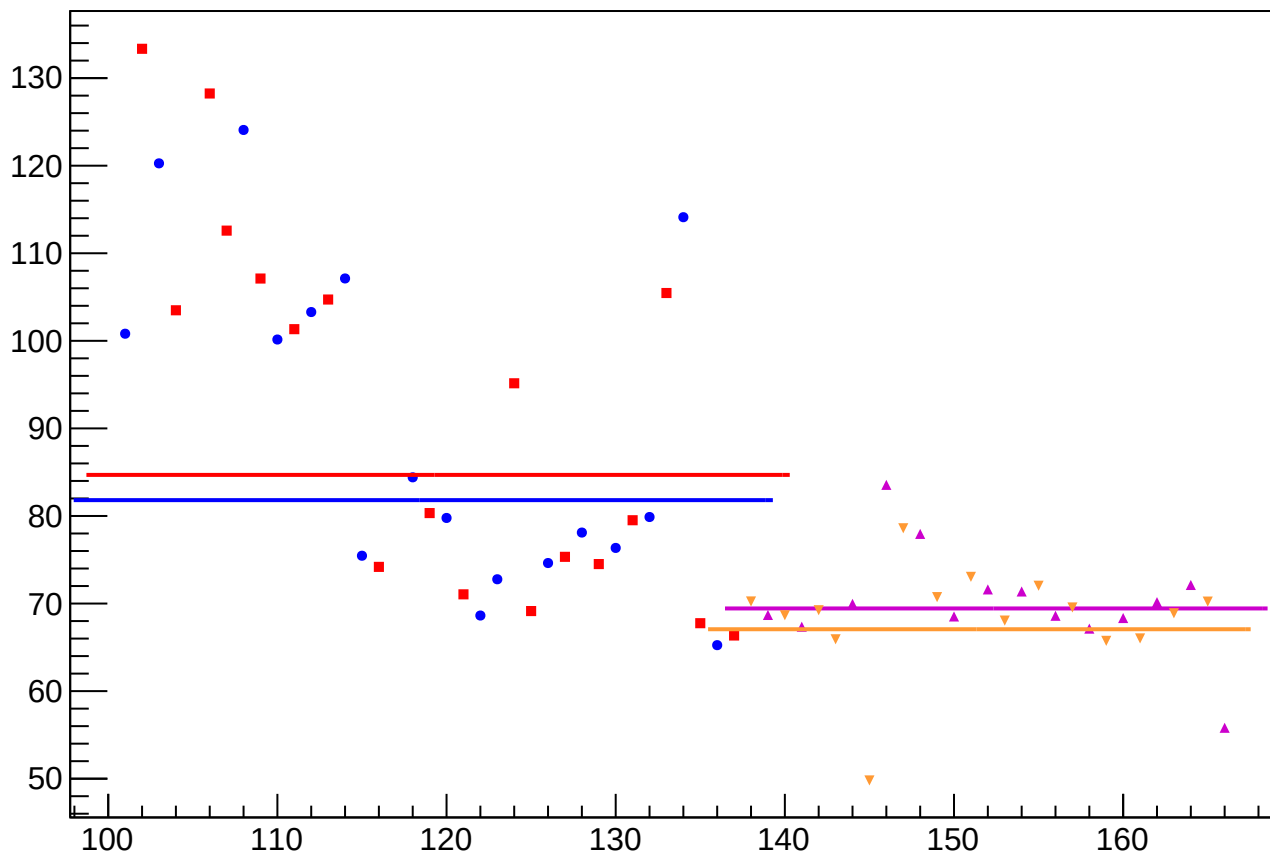
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -32.627 ± 17.715 χ^2/NDF : 25.5/30

Out: -16.732 ± 17.161 χ^2/NDF : 36.5/32

All: -24.427 ± 12.326 χ^2/NDF : 62.5/63

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: 67.066 $\pm$ 0.014 χ^2 /NDF: 248834.3/14

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 69.440 $\pm$ 0.015 χ^2 /NDF: 137831.4/13

Left: 68.193 $\pm$ 0.010 χ^2 /NDF: 399856.3/28

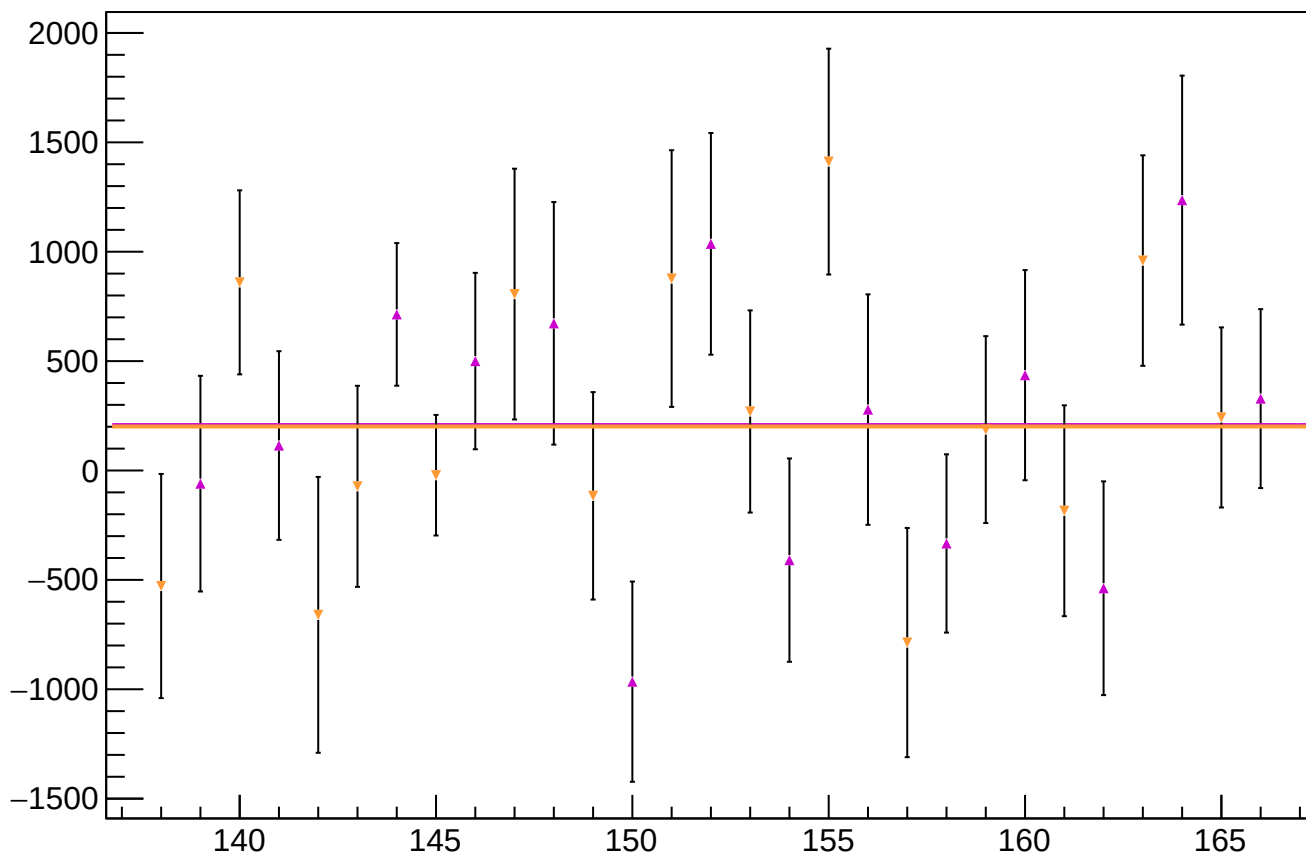
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 73.163 $\pm$ 0.013 χ^2 /NDF: 850162.8/30

Out: 71.893 $\pm$ 0.012 χ^2 /NDF: 1284331.0/32

All: 72.508 $\pm$ 0.009 χ^2 /NDF: 2139793.7/63

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: 201.160+/-117.555 χ^2/NDF :22.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.538+/-120.540 χ^2/NDF :22.7/13

Left: 204.269+/-84.159 χ^2/NDF : 45.1/28

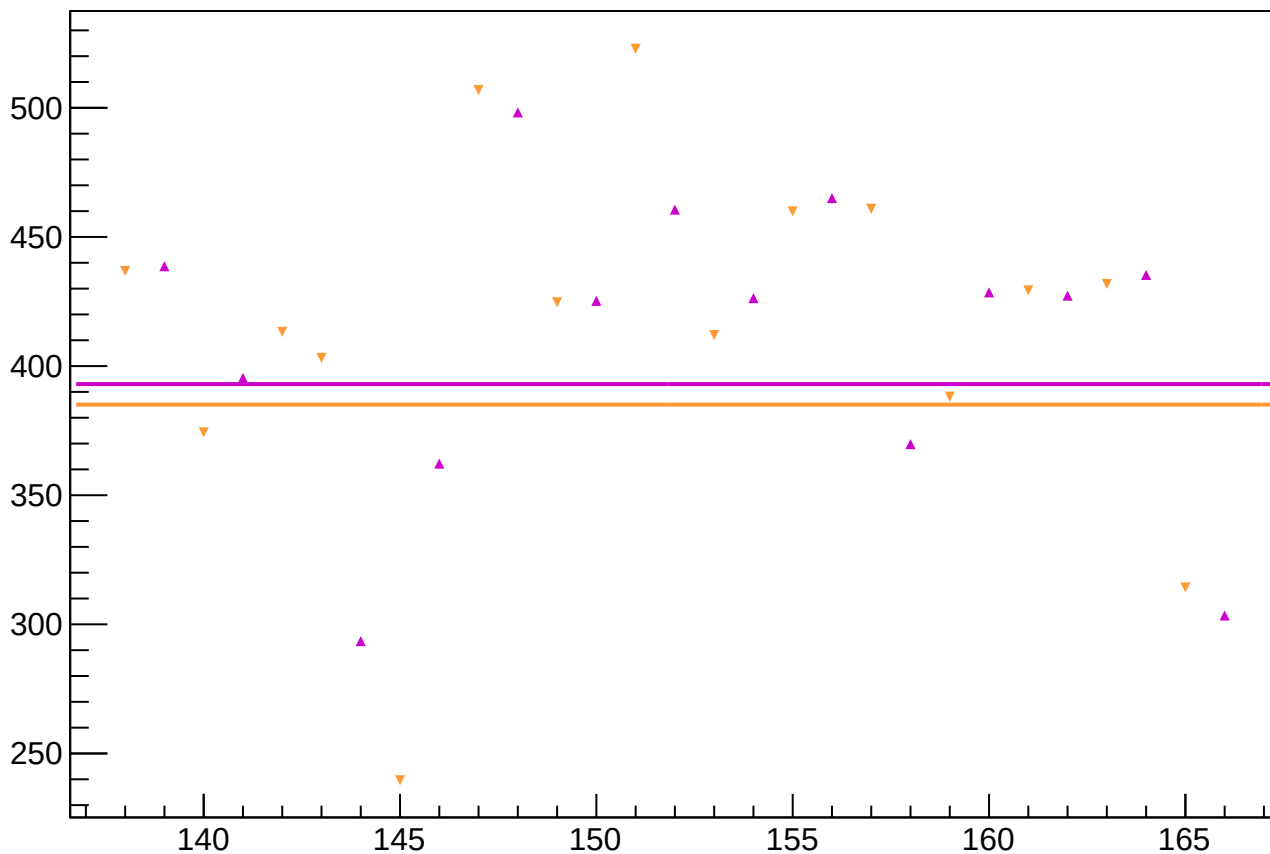
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.538+/-120.540 χ^2/NDF :22.7/13

Out: 201.160+/-117.555 χ^2/NDF :22.5/14

All: 204.269+/-84.159 χ^2/NDF : 45.1/28

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 385.074+/-0.083 χ^2/NDF : 986331.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 393.034+/-0.085 χ^2/NDF : 514746.9/13

Left: 388.954+/-0.060 χ^2/NDF : 1505548.4/28

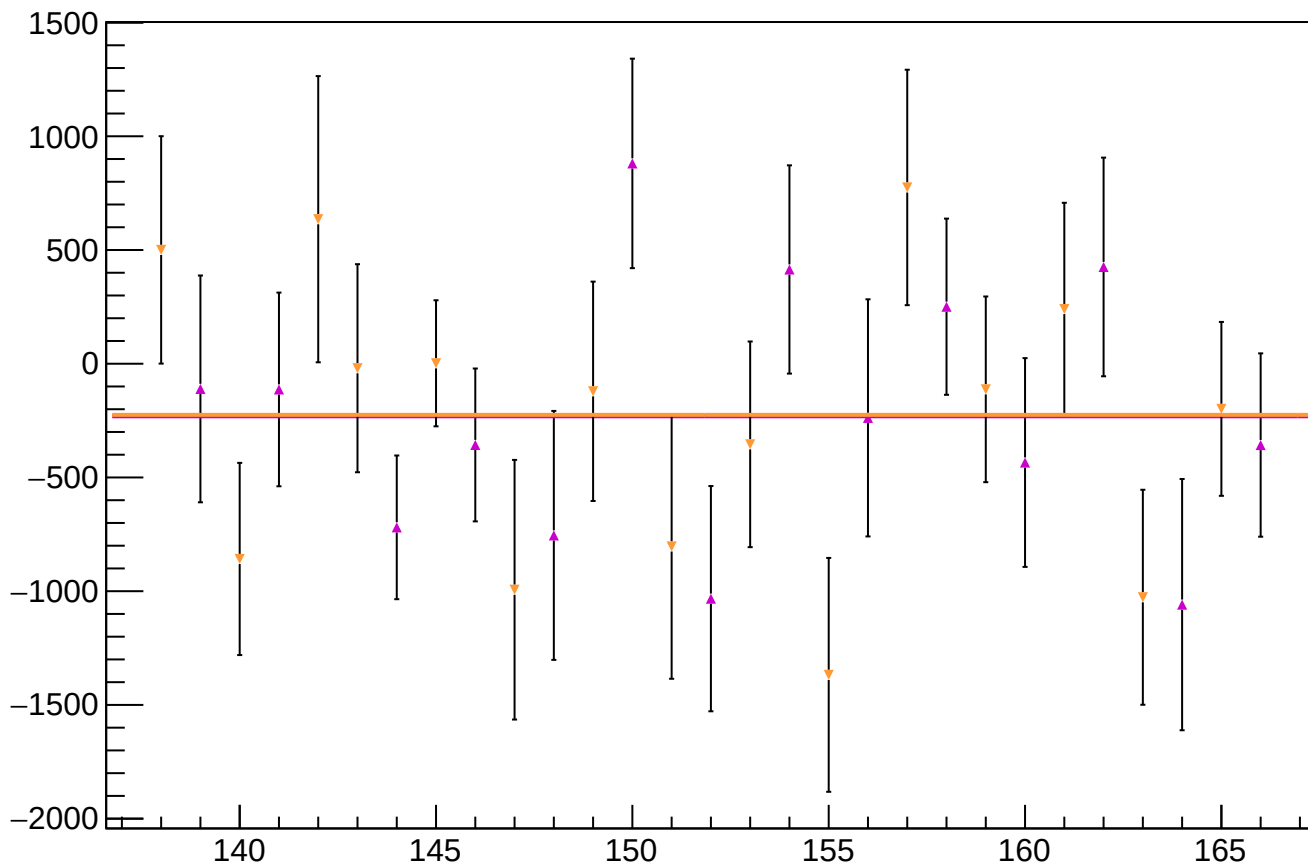
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 393.034+/-0.085 χ^2/NDF : 514746.9/13

Out: 385.074+/-0.083 χ^2/NDF : 986331.7/14

All: 388.954+/-0.060 χ^2/NDF : 1505548.4/28

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -224.729+/-115.796 χ^2/NDF :22.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.057+/-116.104 χ^2/NDF :20.0/13

Left: -227.885+/-81.989 χ^2/NDF : 42.6/28

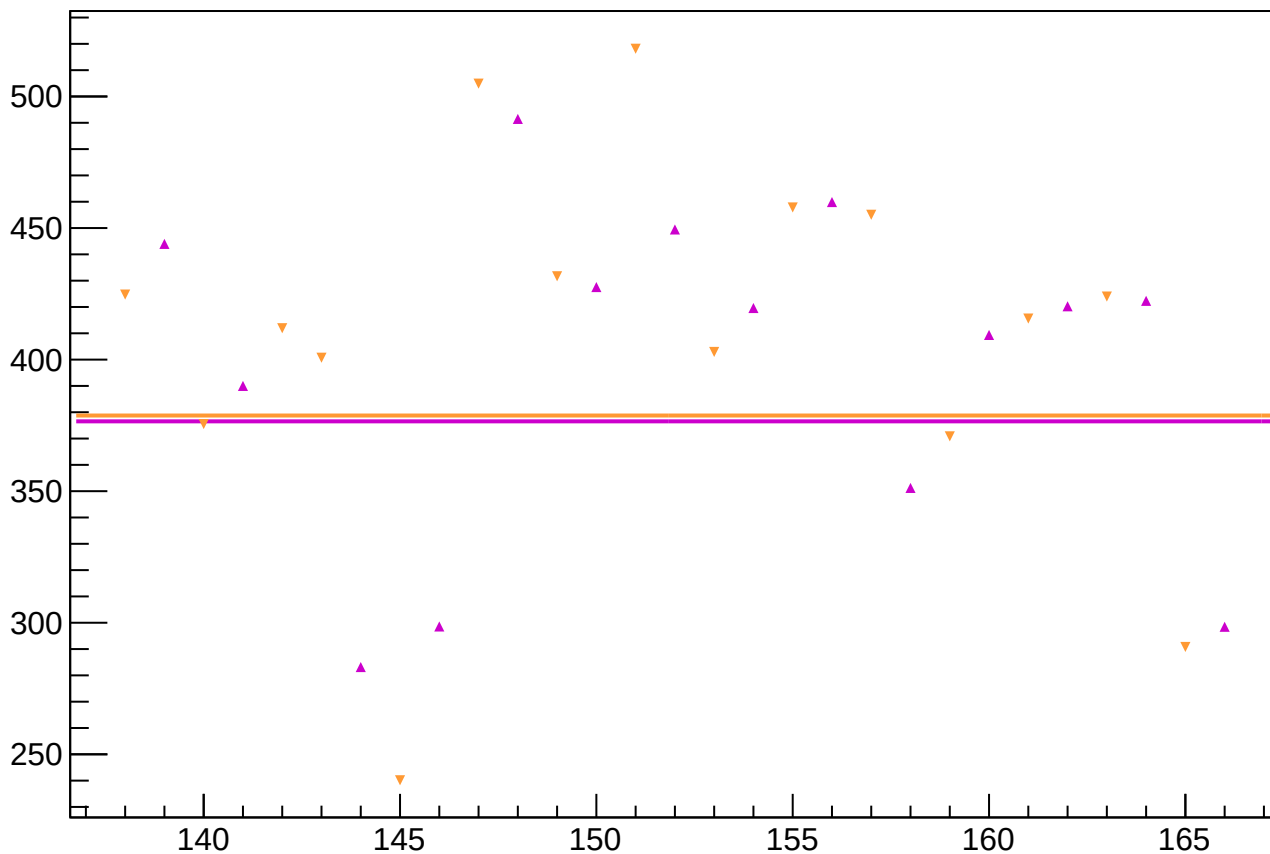
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.057+/-116.104 χ^2/NDF :20.0/13

Out: -224.729+/-115.796 χ^2/NDF :22.7/14

All: -227.885+/-81.989 χ^2/NDF : 42.6/28

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 378.755+/-0.082 χ^2/NDF :998095.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.537+/-0.082 χ^2/NDF :670142.0/13

Left: 377.649+/-0.058 χ^2/NDF : 1668603.3/28

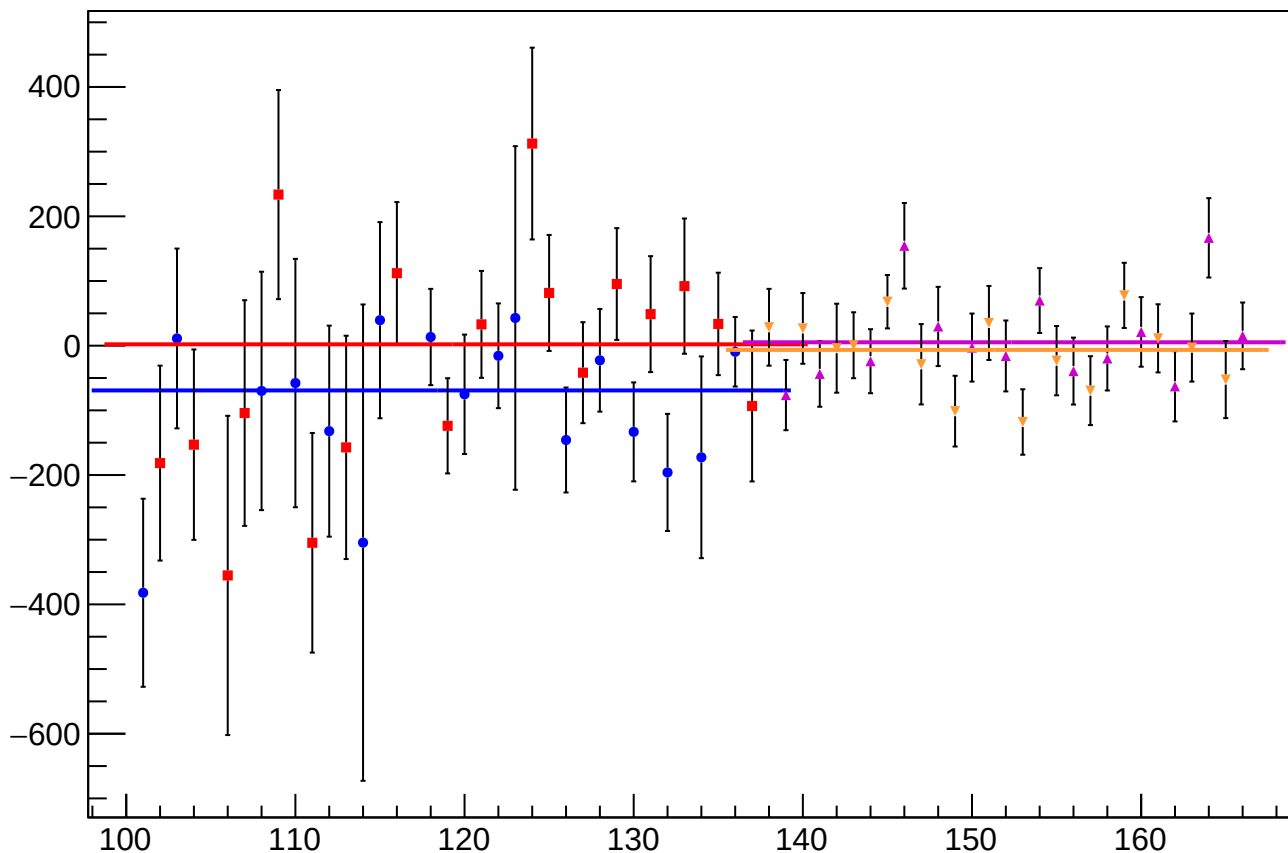
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.537+/-0.082 χ^2/NDF :670142.0/13

Out: 378.755+/-0.082 χ^2/NDF :998095.1/14

All: 377.649+/-0.058 χ^2/NDF : 1668603.3/28

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: -6.540 ± 13.883 χ^2/NDF : 17.5/14

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 5.236 ± 14.390 χ^2/NDF : 20.2/13

Left: -0.863 ± 9.991 χ^2/NDF : 38.1/28

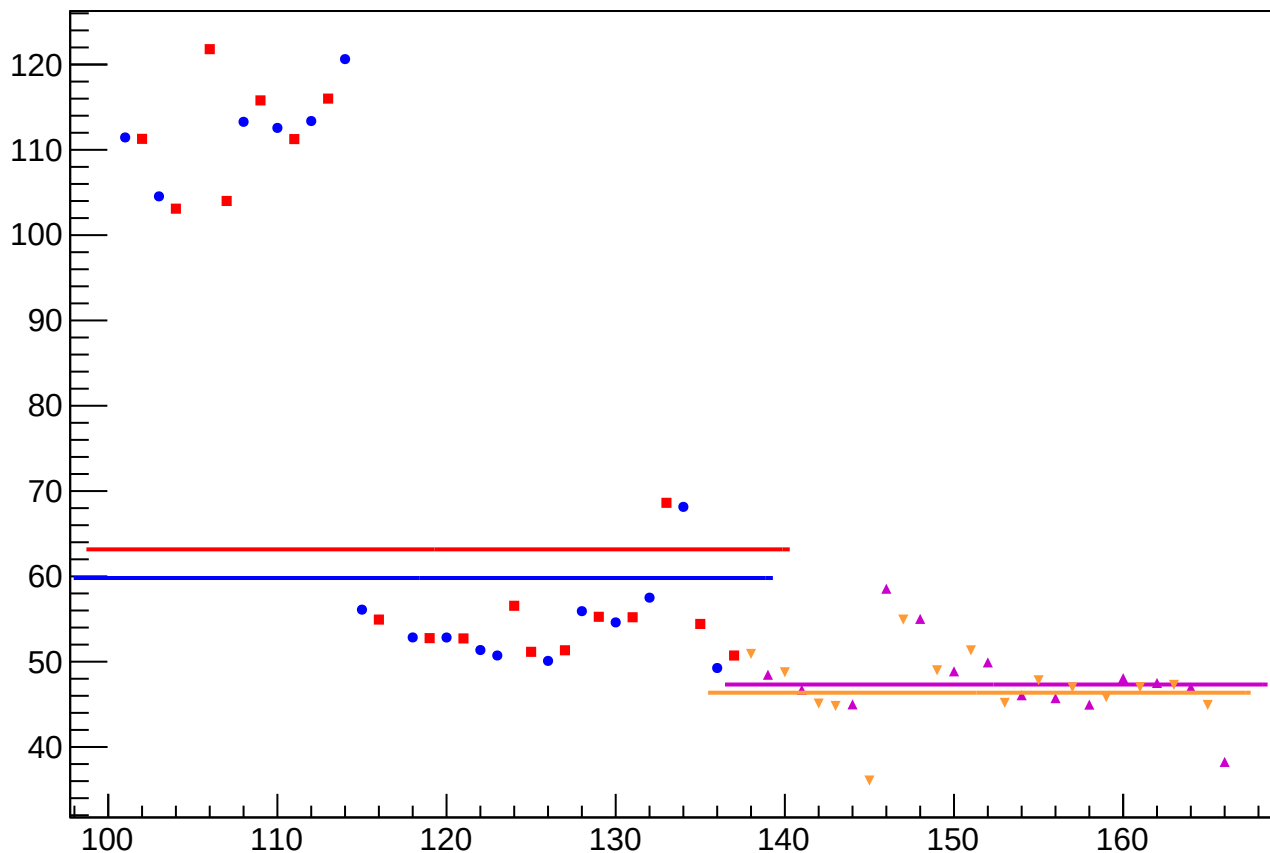
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -14.134 ± 12.376 χ^2/NDF : 40.7/30

Out: -4.531 ± 12.158 χ^2/NDF : 41.4/32

All: -9.247 ± 8.673 χ^2/NDF : 82.4/63

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.364 $\pm$ 0.010 χ^2/NDF : 205622.3/14

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 47.323 $\pm$ 0.010 χ^2/NDF : 171059.9/13

Left: 46.827 $\pm$ 0.007 χ^2/NDF : 381282.4/28

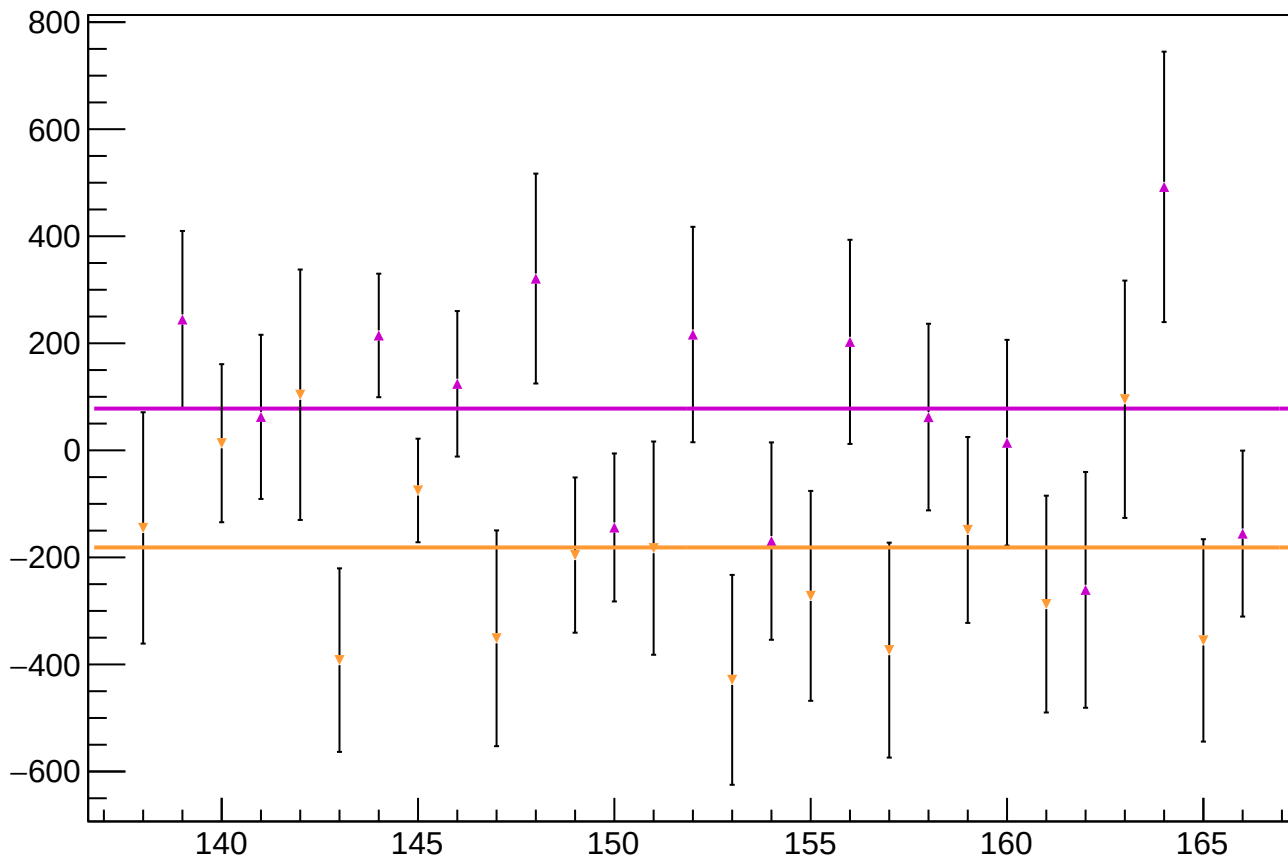
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 50.573 $\pm$ 0.009 χ^2/NDF : 1792906.8/30

Out: 50.279 $\pm$ 0.009 χ^2/NDF : 2275500.8/32

All: 50.423 $\pm$ 0.006 χ^2/NDF : 4068979.2/63

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: -181.440+/-44.435 χ^2/NDF :12.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 78.017+/-44.449 χ^2/NDF :16.8/13

Left: -51.755+/-31.425 χ^2/NDF : 46.0/28

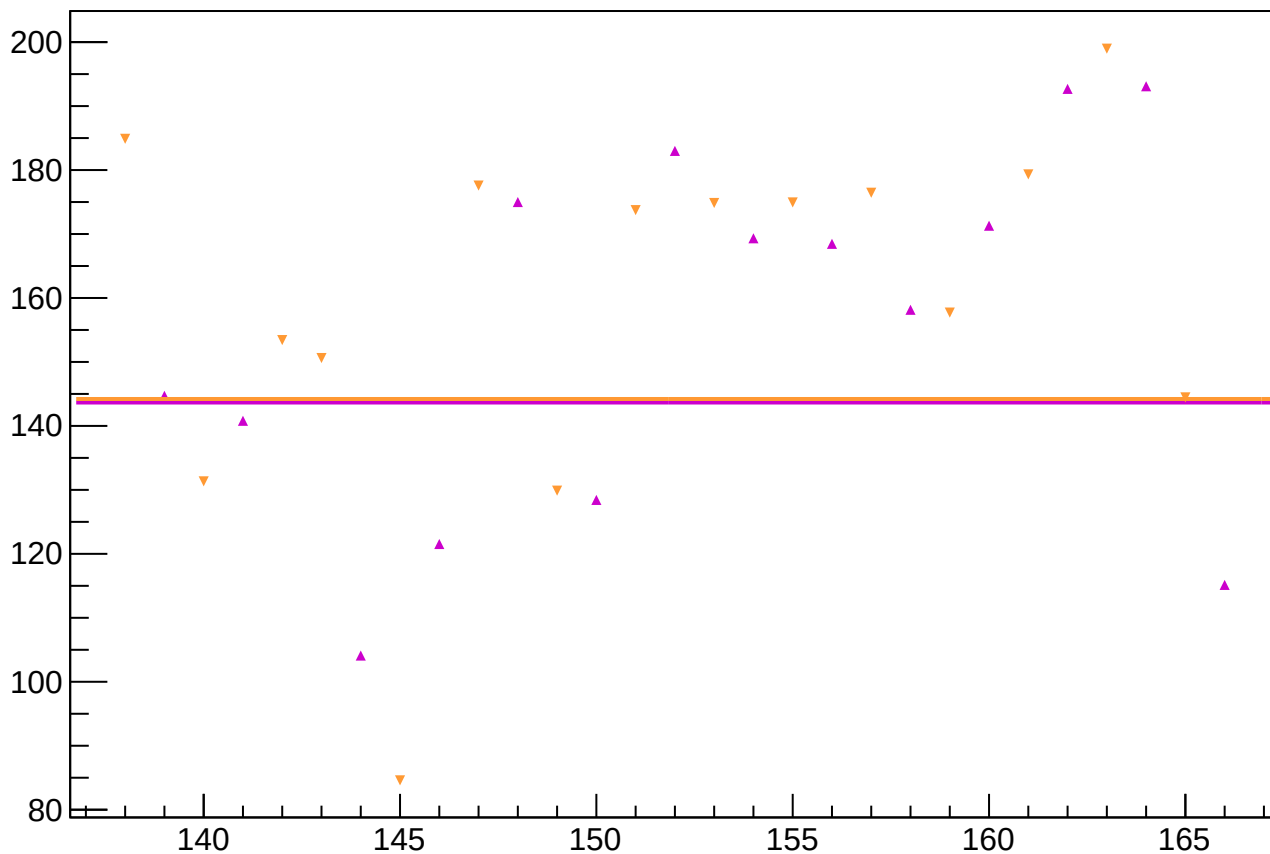
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.017+/-44.449 χ^2/NDF :16.8/13

Out: -181.440+/-44.435 χ^2/NDF :12.1/14

All: -51.755+/-31.425 χ^2/NDF : 46.0/28

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: 144.208+/-0.031 χ^2/NDF :1313835.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Left: 143.934+/-0.022 χ^2/NDF : 2125783.7/28

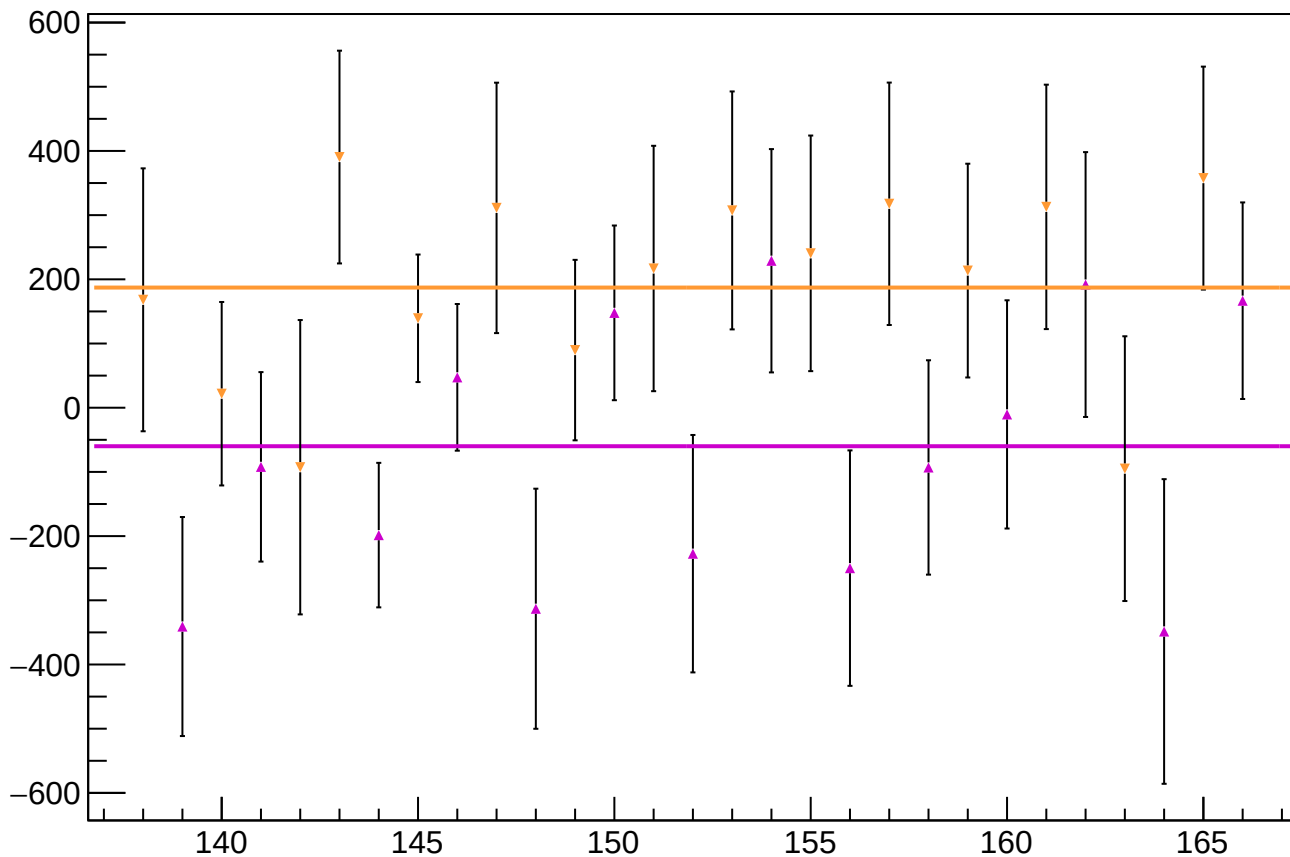
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Out: 144.208+/-0.031 χ^2/NDF :1313835.1/14

All: 143.934+/-0.022 χ^2/NDF : 2125783.7/28

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 187.170 ± 42.989 $\chi^2/\text{NDF}: 9.8/14$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -59.981 ± 42.186 $\chi^2/\text{NDF}: 19.2/13$

Left: 61.264 ± 30.110 $\chi^2/\text{NDF}: 45.8/28$

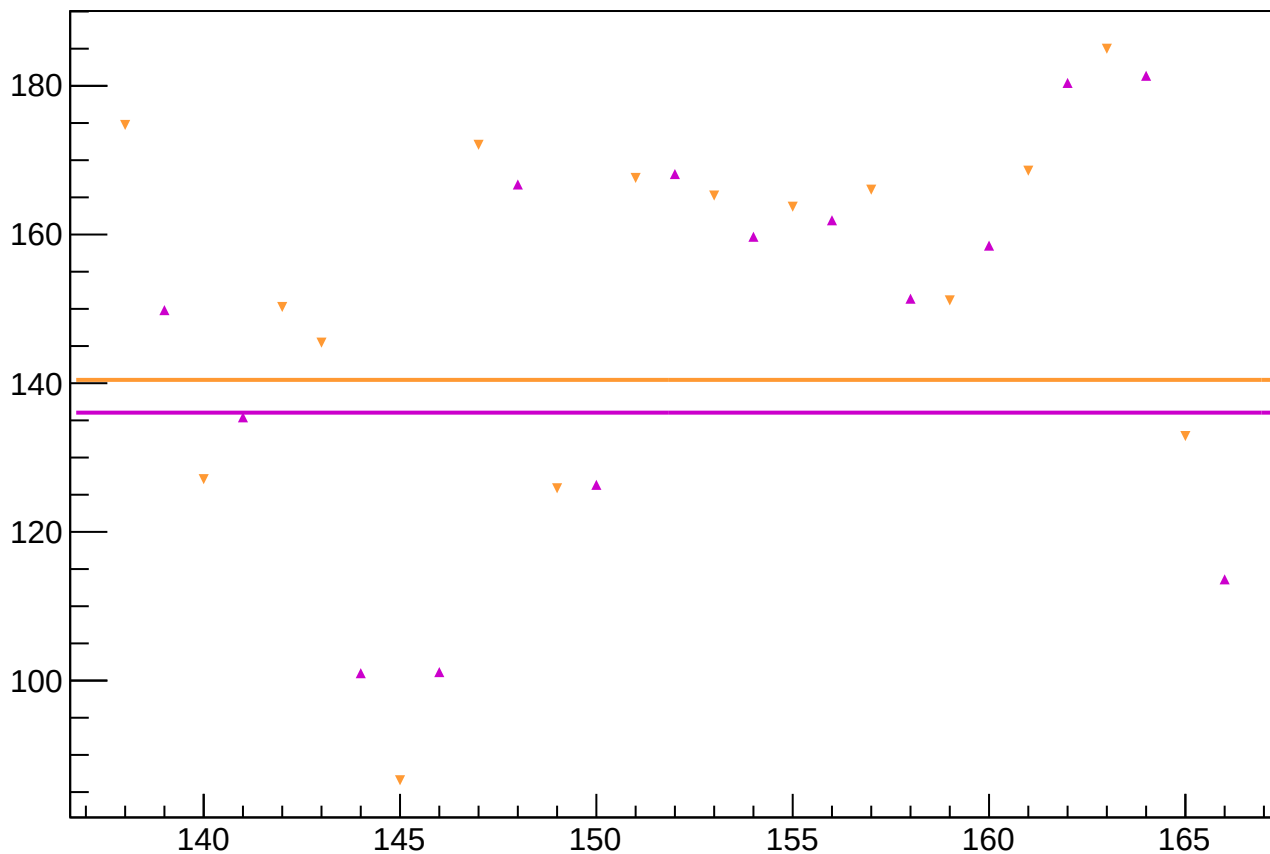
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -59.981 ± 42.186 $\chi^2/\text{NDF}: 19.2/13$

Out: 187.170 ± 42.989 $\chi^2/\text{NDF}: 9.8/14$

All: 61.264 ± 30.110 $\chi^2/\text{NDF}: 45.8/28$

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.448+/-0.030 χ^2/NDF :1035410.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Left: 138.203+/-0.021 χ^2/NDF : 1898055.5/28

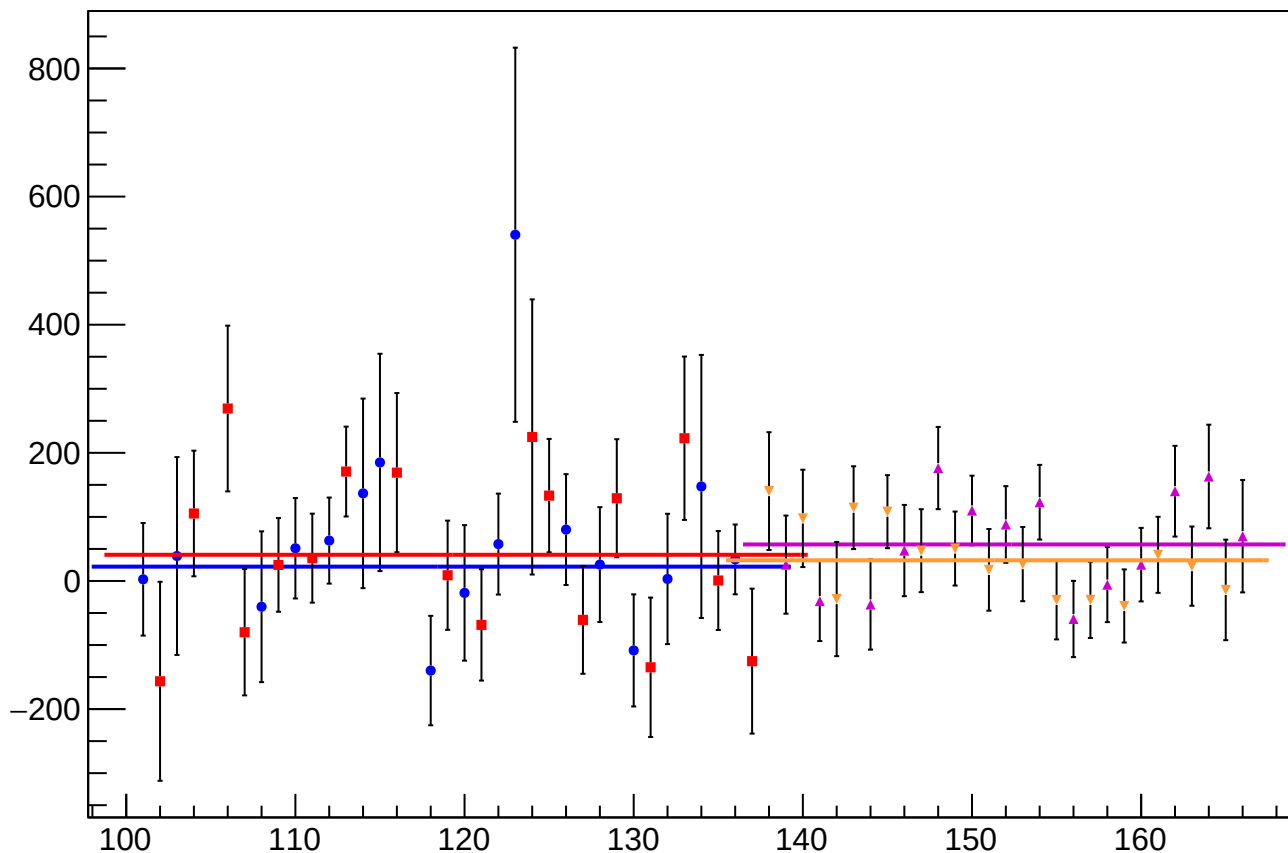
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Out: 140.448+/-0.030 χ^2/NDF :1035410.8/14

All: 138.203+/-0.021 χ^2/NDF : 1898055.5/28

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 32.258 $\pm$ 16.647 χ^2 /NDF:10.2/14

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 57.000 $\pm$ 17.299 χ^2 /NDF:18.3/13

Left: 44.154 $\pm$ 11.995 χ^2 /NDF: 29.6/28

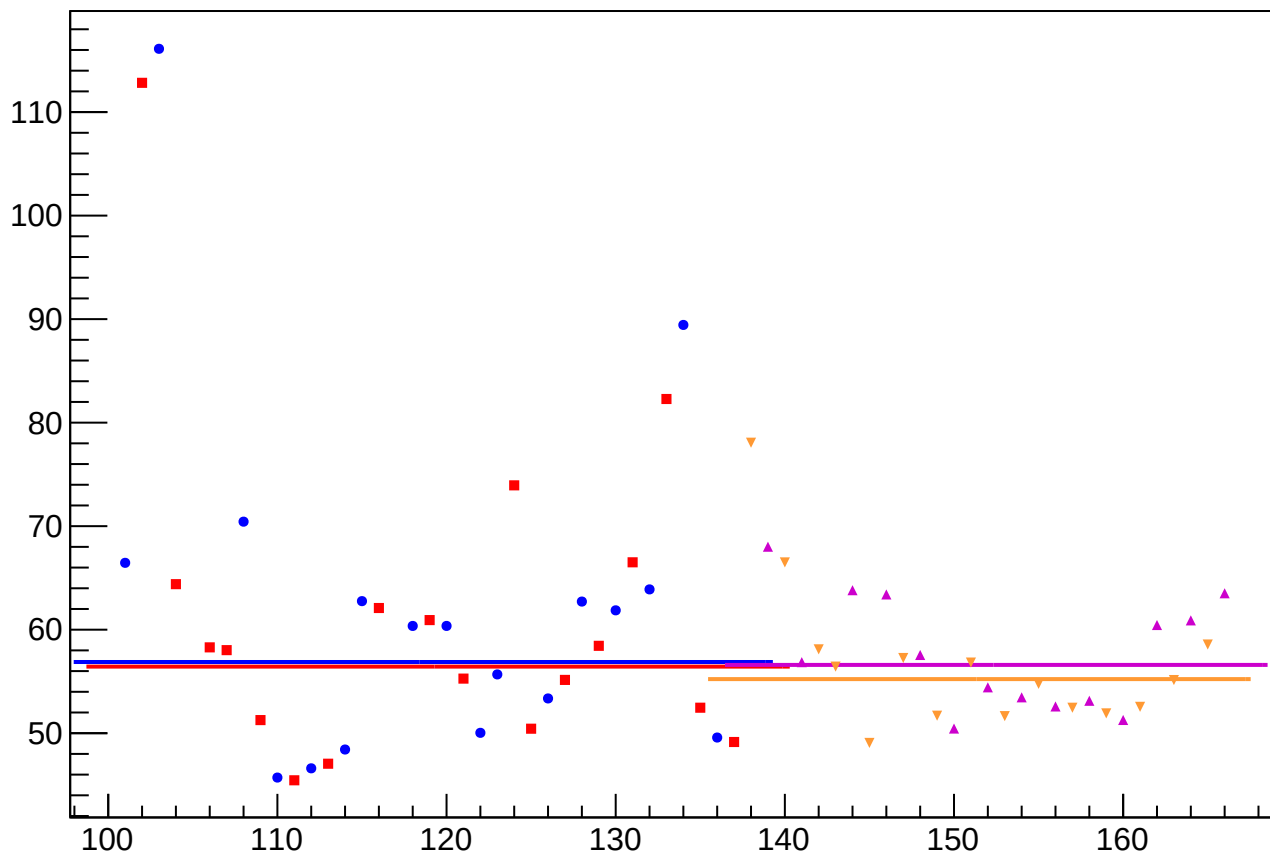
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 44.221 $\pm$ 13.742 χ^2 /NDF:32.4/30

Out: 35.368 $\pm$ 13.305 χ^2 /NDF:34.5/32

All: 39.651 $\pm$ 9.559 χ^2 /NDF: 67.1/63

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.226 $\pm$ 0.012 χ^2 /NDF: 230743.8/14

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.597 $\pm$ 0.012 χ^2 /NDF: 175509.4/13

Left: 55.885 $\pm$ 0.008 χ^2 /NDF: 412772.8/28

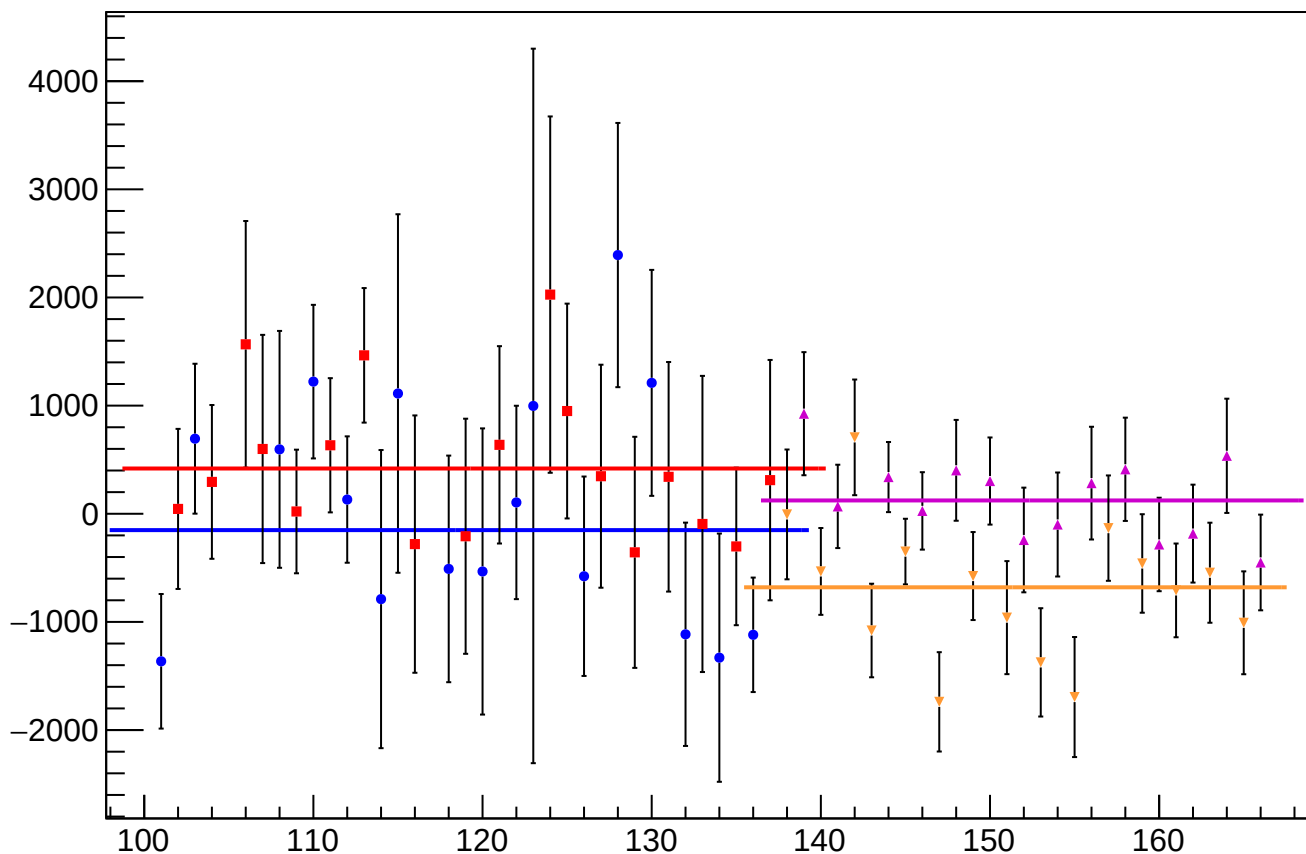
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.701 $\pm$ 0.010 χ^2 /NDF: 751192.1/30

Out: 55.663 $\pm$ 0.009 χ^2 /NDF: 755003.2/32

All: 56.165 $\pm$ 0.007 χ^2 /NDF: 1512089.4/63

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: -679.938 $\pm$ 116.393 χ^2 /NDF:23.2/14

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 123.155 $\pm$ 116.650 χ^2 /NDF:8.0/13

Left: -279.277 $\pm$ 82.393 χ^2 /NDF: 54.9/28

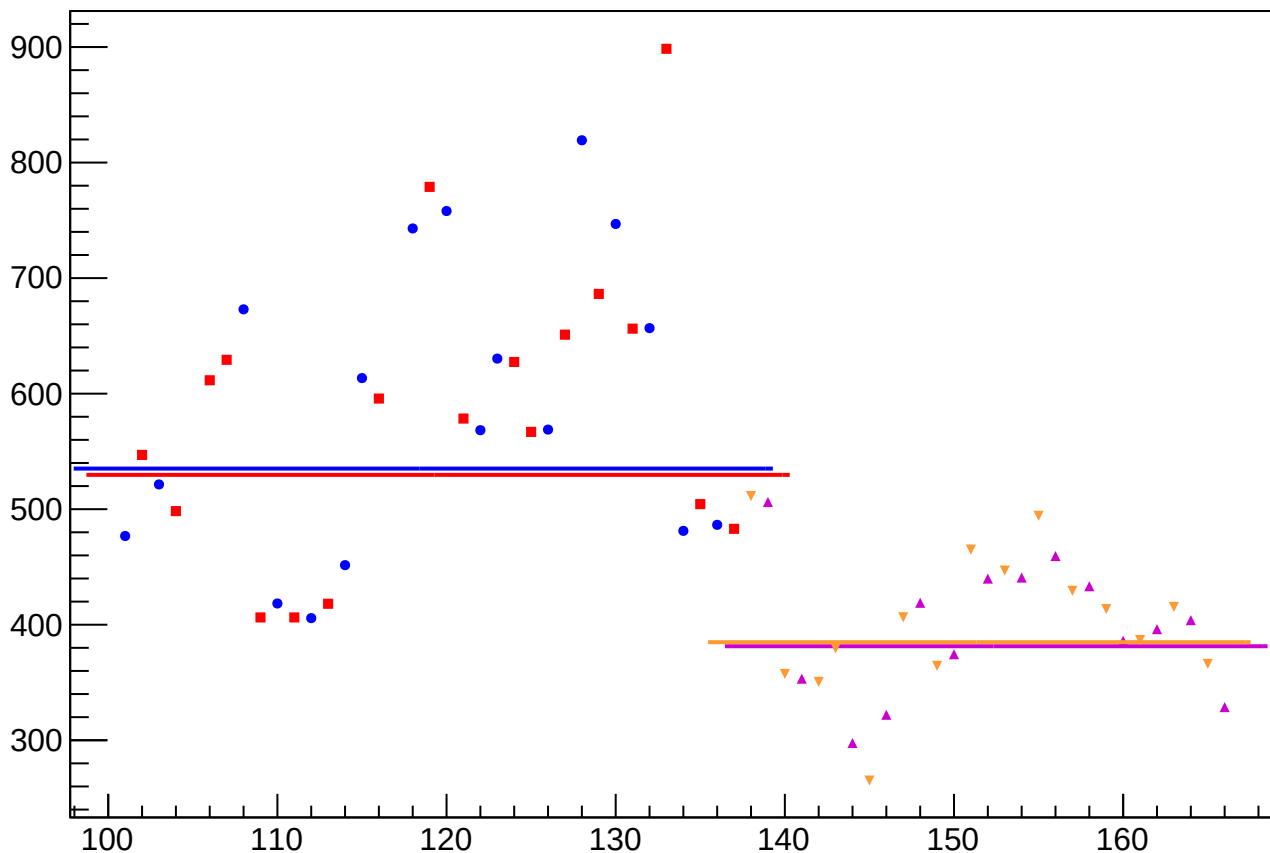
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 59.603 $\pm$ 102.250 χ^2 /NDF:31.7/30

Out: -412.271 $\pm$ 101.224 χ^2 /NDF:53.3/32

All: -178.714 $\pm$ 71.936 χ^2 /NDF: 95.7/63

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 384.896+/-0.082 χ^2/NDF : 619670.6/14

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 381.370+/-0.082 χ^2/NDF : 471646.5/13

Left: 383.137+/-0.058 χ^2/NDF : 1092233.2/28

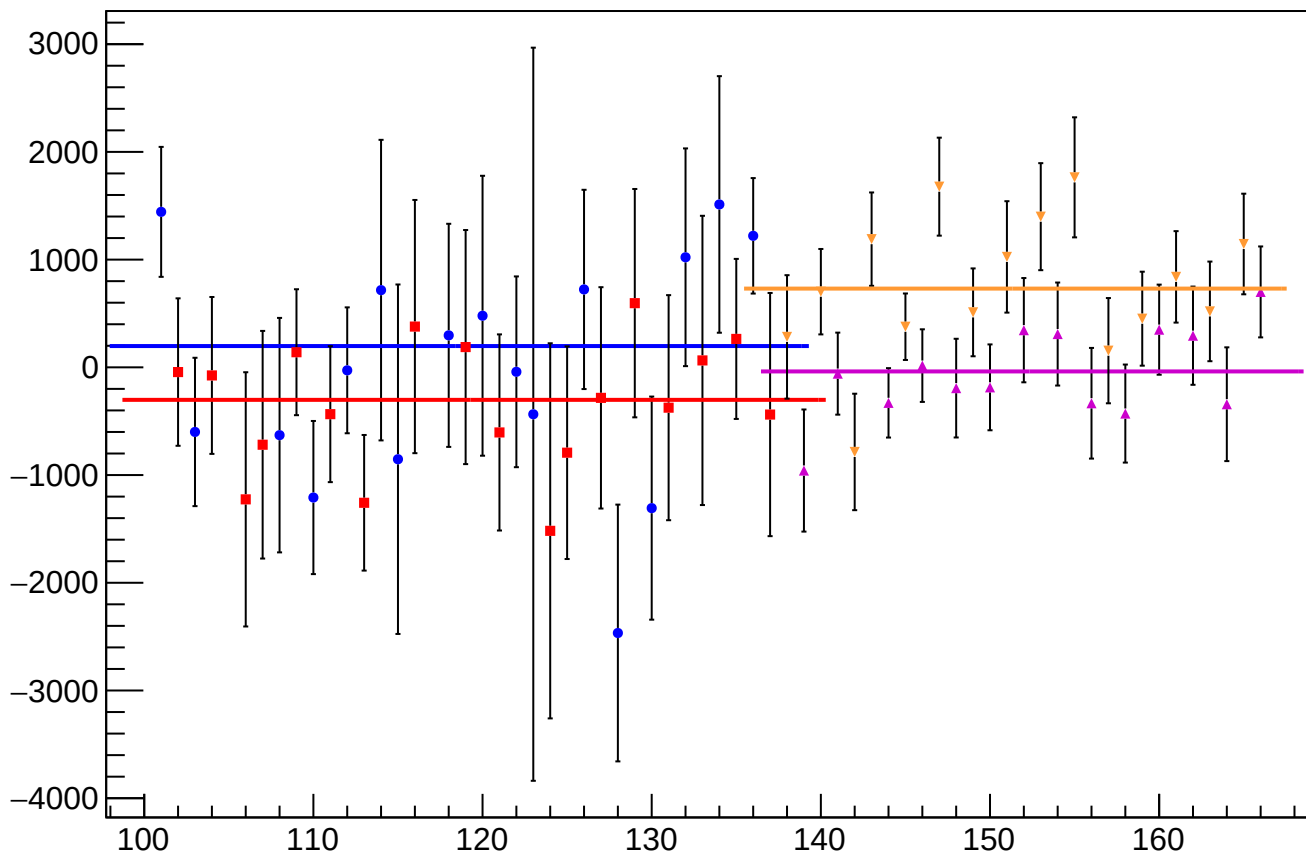
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 416.989+/-0.072 χ^2/NDF : 1872770.7/30

Out: 420.185+/-0.072 χ^2/NDF : 2020883.1/32

All: 418.603+/-0.051 χ^2/NDF : 3894640.6/63

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 730.968 $\pm$ 115.650 χ^2 /NDF:24.0/14

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -38.016 $\pm$ 114.333 χ^2 /NDF:10.7/13

Left: 342.072 $\pm$ 81.307 χ^2 /NDF: 57.1/28

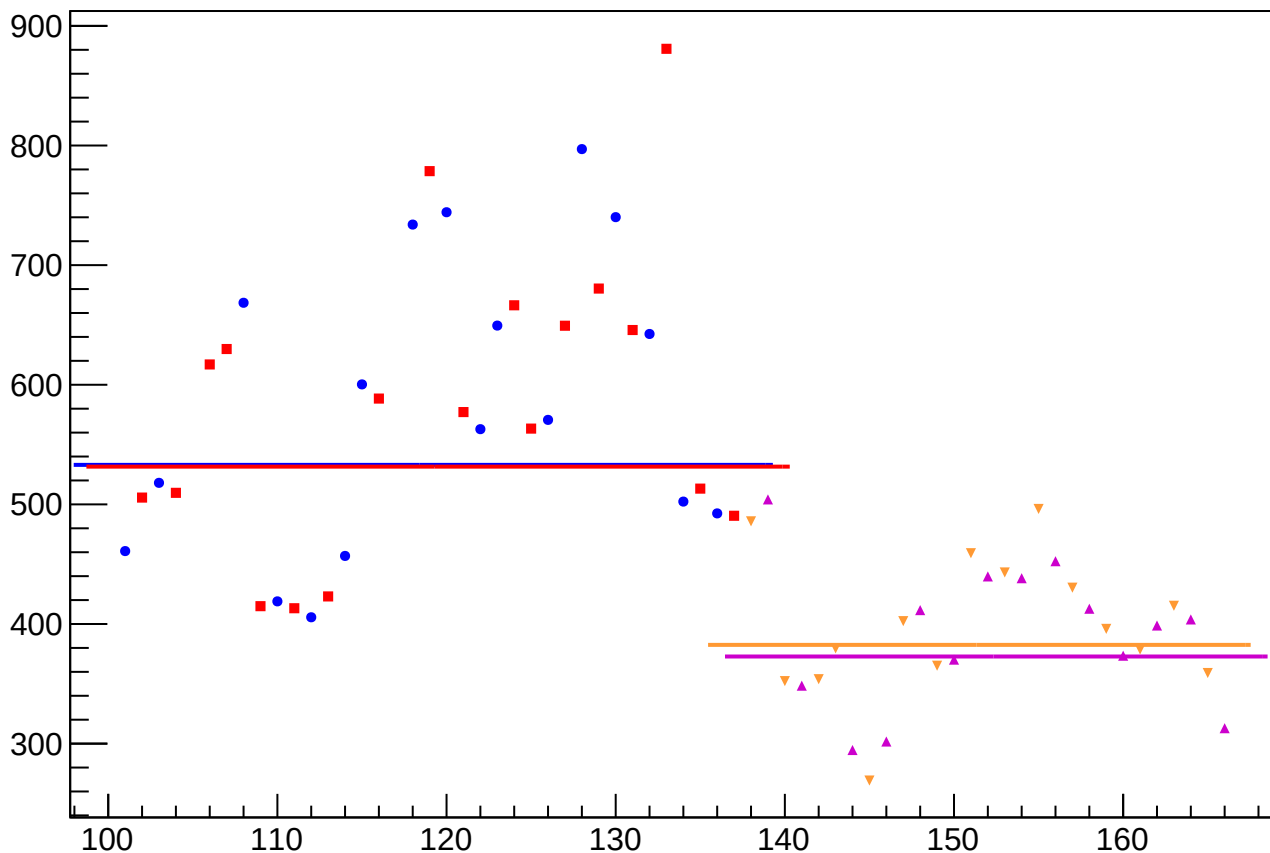
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 15.266 $\pm$ 100.575 χ^2 /NDF:35.6/30

Out: 482.906 $\pm$ 100.809 χ^2 /NDF:49.8/32

All: 248.543 $\pm$ 71.200 χ^2 /NDF: 96.2/63

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 382.551+/-0.082 χ^2/NDF : 552967.8/14

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 372.834+/-0.081 χ^2/NDF : 529584.9/13

Left: 377.637+/-0.057 χ^2/NDF : 1089693.0/28

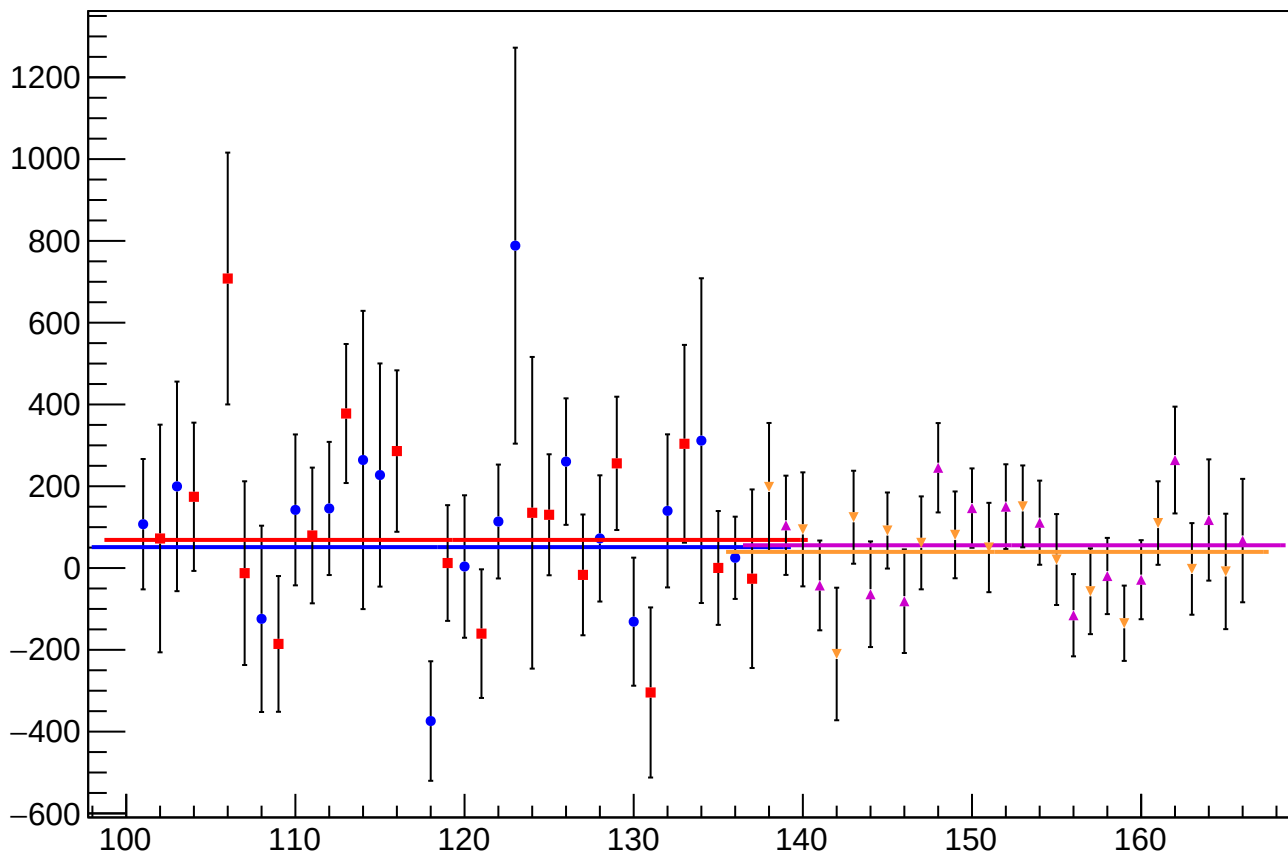
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 409.066+/-0.071 χ^2/NDF : 1984504.9/30

Out: 418.339+/-0.071 χ^2/NDF : 1948324.4/32

All: 413.692+/-0.050 χ^2/NDF : 3941310.0/63

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2/NDF : 17.4/16

Left Out: 39.514 $\pm$ 29.004 χ^2/NDF : 11.1/14

Right Out: 68.779 $\pm$ 42.803 χ^2/NDF : 20.4/17

Left In: 55.673 $\pm$ 29.882 χ^2/NDF : 15.0/13

Left: 47.353 $\pm$ 20.812 χ^2/NDF : 26.2/28

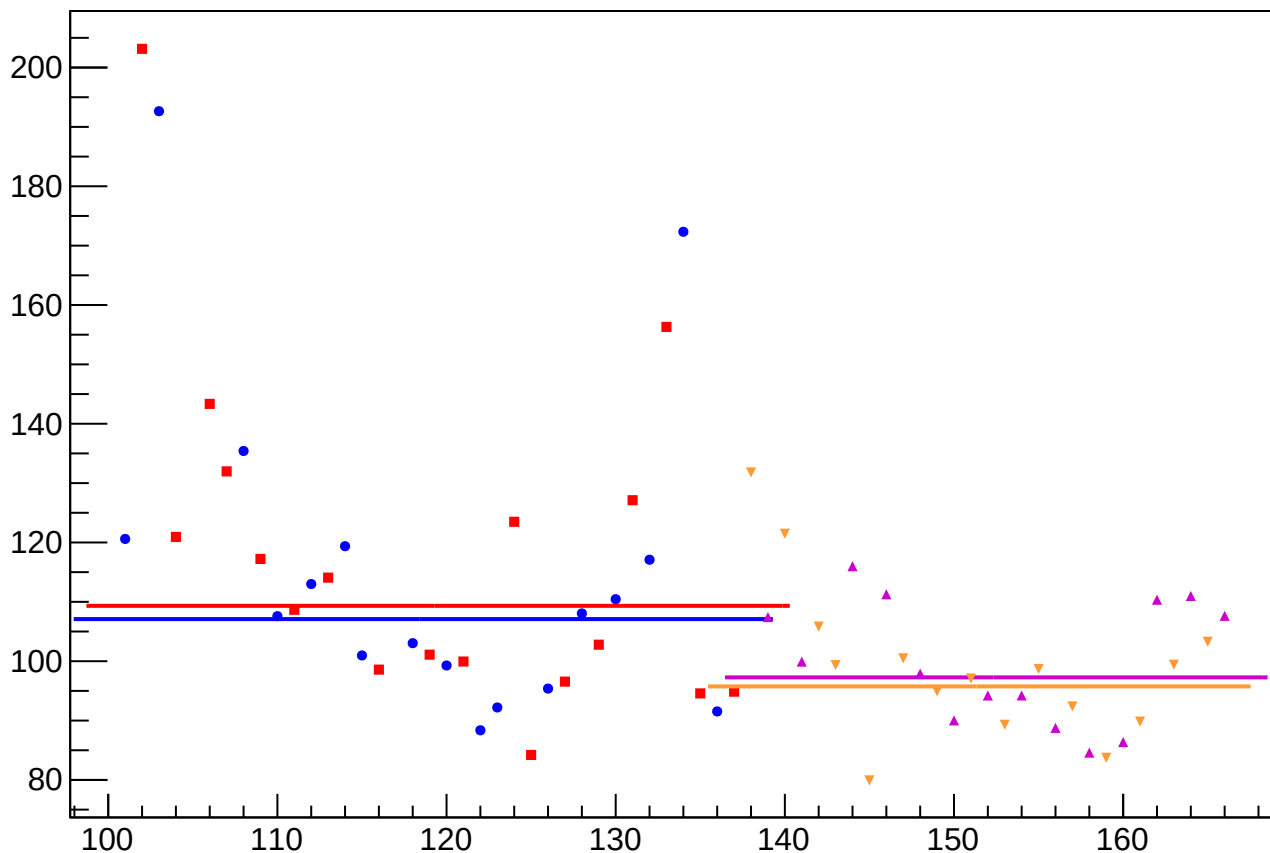
Right: 59.892 $\pm$ 30.129 χ^2/NDF : 37.8/34

In: 54.178 $\pm$ 24.429 χ^2/NDF : 32.4/30

Out: 48.723 $\pm$ 24.011 χ^2/NDF : 31.8/32

All: 51.403 $\pm$ 17.124 χ^2/NDF : 64.2/63

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.754 $\pm$ 0.021 χ^2 /NDF:306203.3/14

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 97.277 $\pm$ 0.021 χ^2 /NDF:219674.9/13

Left: 96.493 $\pm$ 0.015 χ^2 /NDF: 528550.7/28

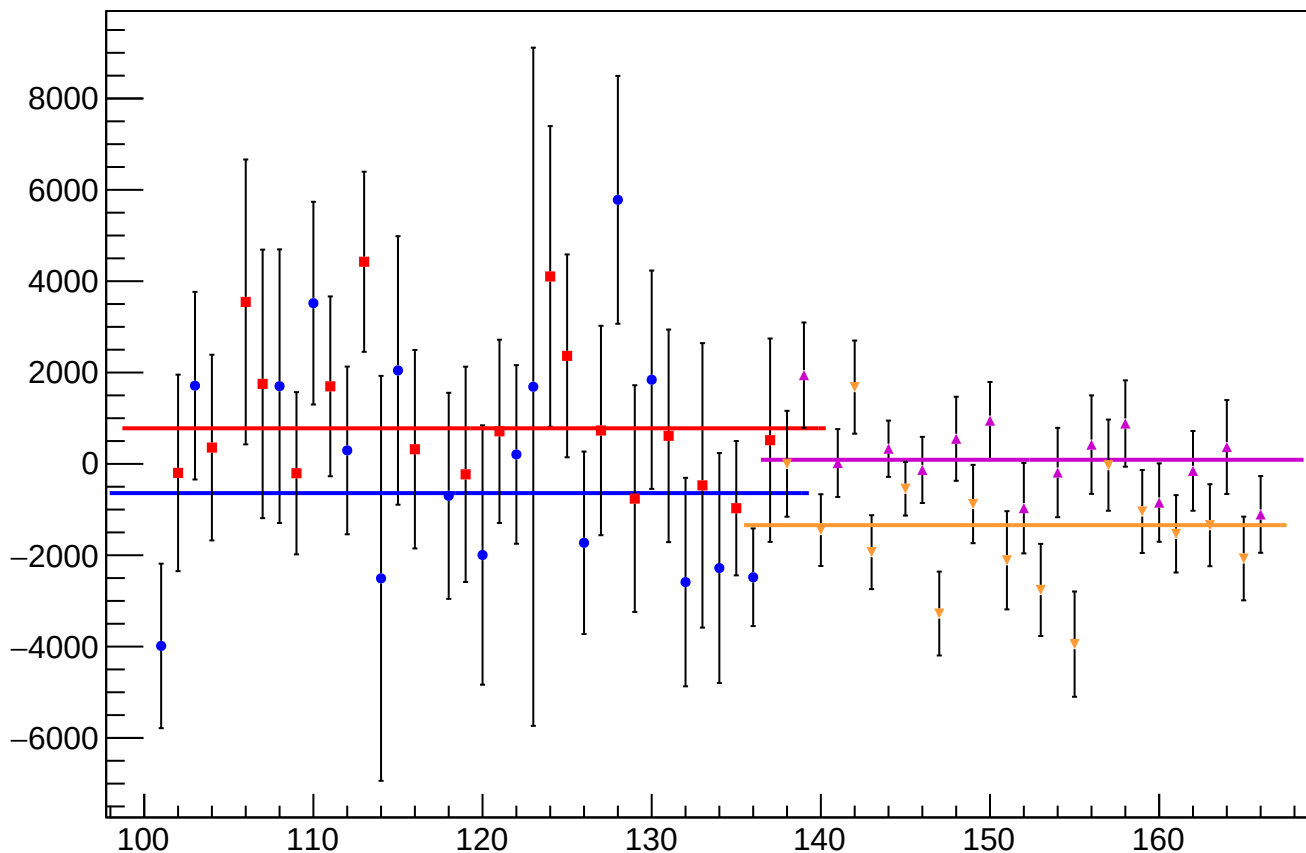
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.533 $\pm$ 0.017 χ^2 /NDF:729030.6/30

Out: 100.026 $\pm$ 0.017 χ^2 /NDF:950088.5/32

All: 100.275 $\pm$ 0.012 χ^2 /NDF: 1679557.1/63

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1341.090 $\pm$ 229.755 χ^2 /NDF: 27.4/14

Right Out: 779.450 $\pm$ 516.450 χ^2 /NDF: 8.8/17

Left In: 89.806 $\pm$ 230.864 χ^2 /NDF: 9.5/13

Left: -629.087 $\pm$ 162.852 χ^2 /NDF: 56.2/28

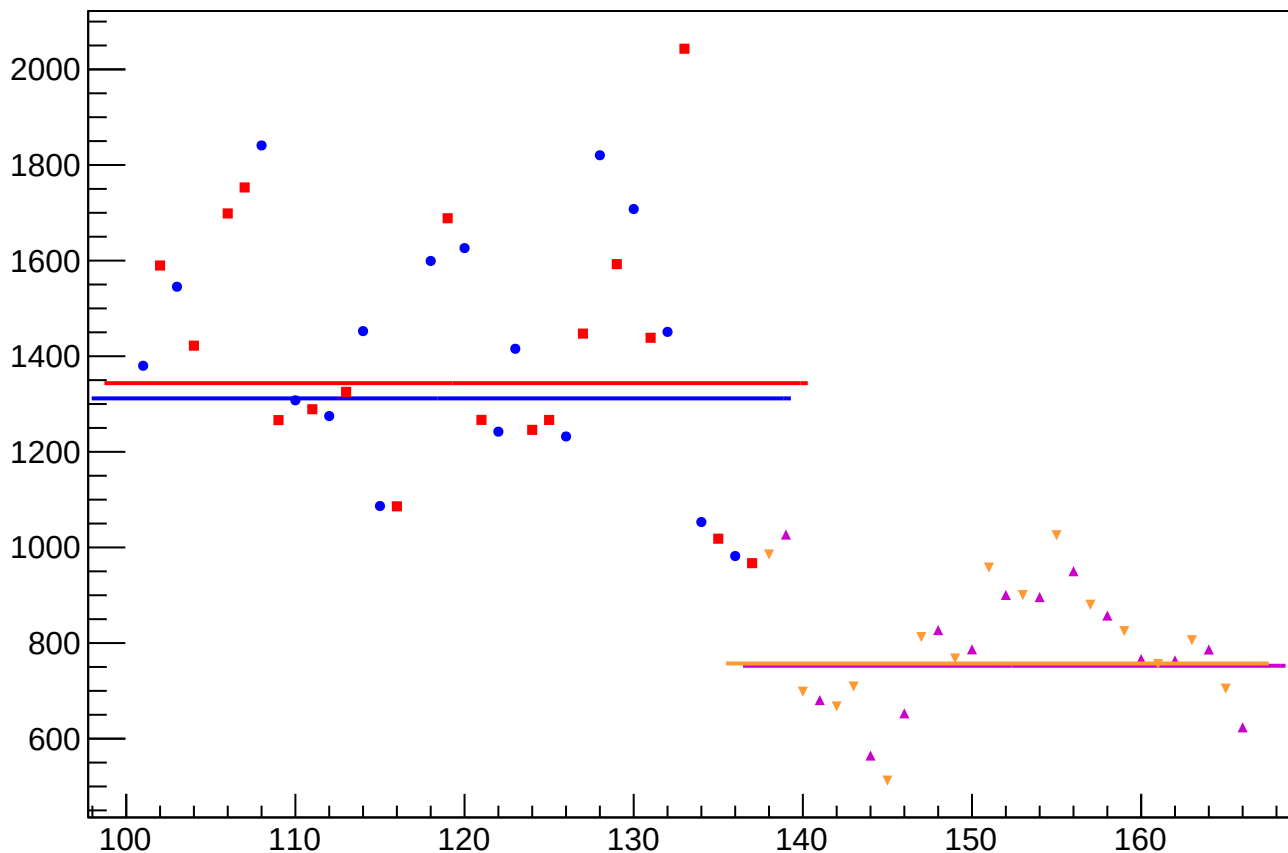
Right: 73.635 $\pm$ 366.171 χ^2 /NDF: 34.4/34

In: -30.626 $\pm$ 210.953 χ^2 /NDF: 32.9/30

Out: -990.745 $\pm$ 209.920 χ^2 /NDF: 50.3/32

All: -513.043 $\pm$ 148.800 χ^2 /NDF: 93.6/63

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: 757.290 $\pm$ 0.162 χ^2 /NDF: 739106.9/14

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 752.513 $\pm$ 0.163 χ^2 /NDF: 602206.4/13

Left: 754.913 $\pm$ 0.115 χ^2 /NDF: 1341743.4/28

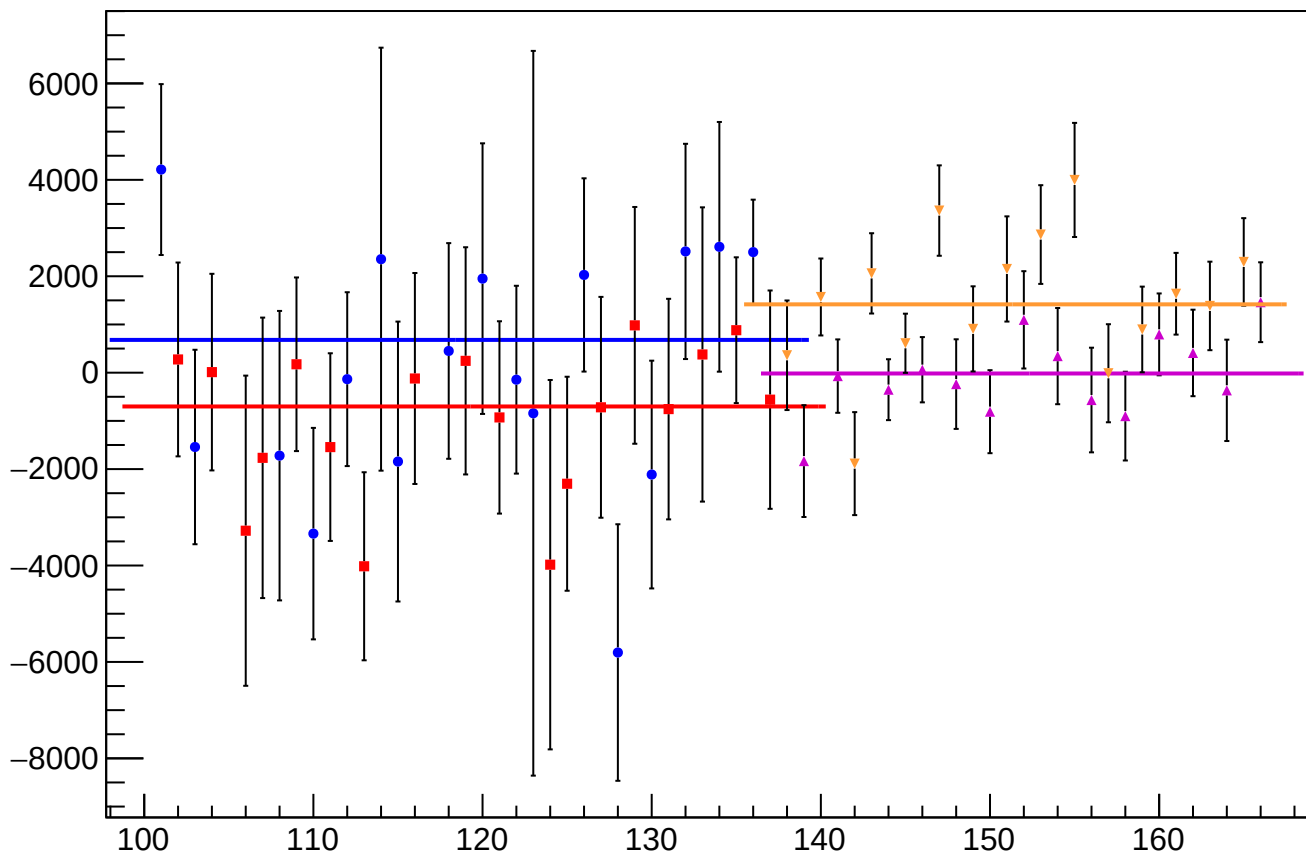
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 844.825 $\pm$ 0.149 χ^2 /NDF: 3052196.6/30

Out: 854.167 $\pm$ 0.148 χ^2 /NDF: 3352354.4/32

All: 849.518 $\pm$ 0.105 χ^2 /NDF: 6406521.8/63

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1417.407 $\pm$ 233.939 χ^2 /NDF:28.0/14

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -16.782 $\pm$ 231.415 χ^2 /NDF:10.6/13

Left: 692.533 $\pm$ 164.520 χ^2 /NDF: 57.6/28

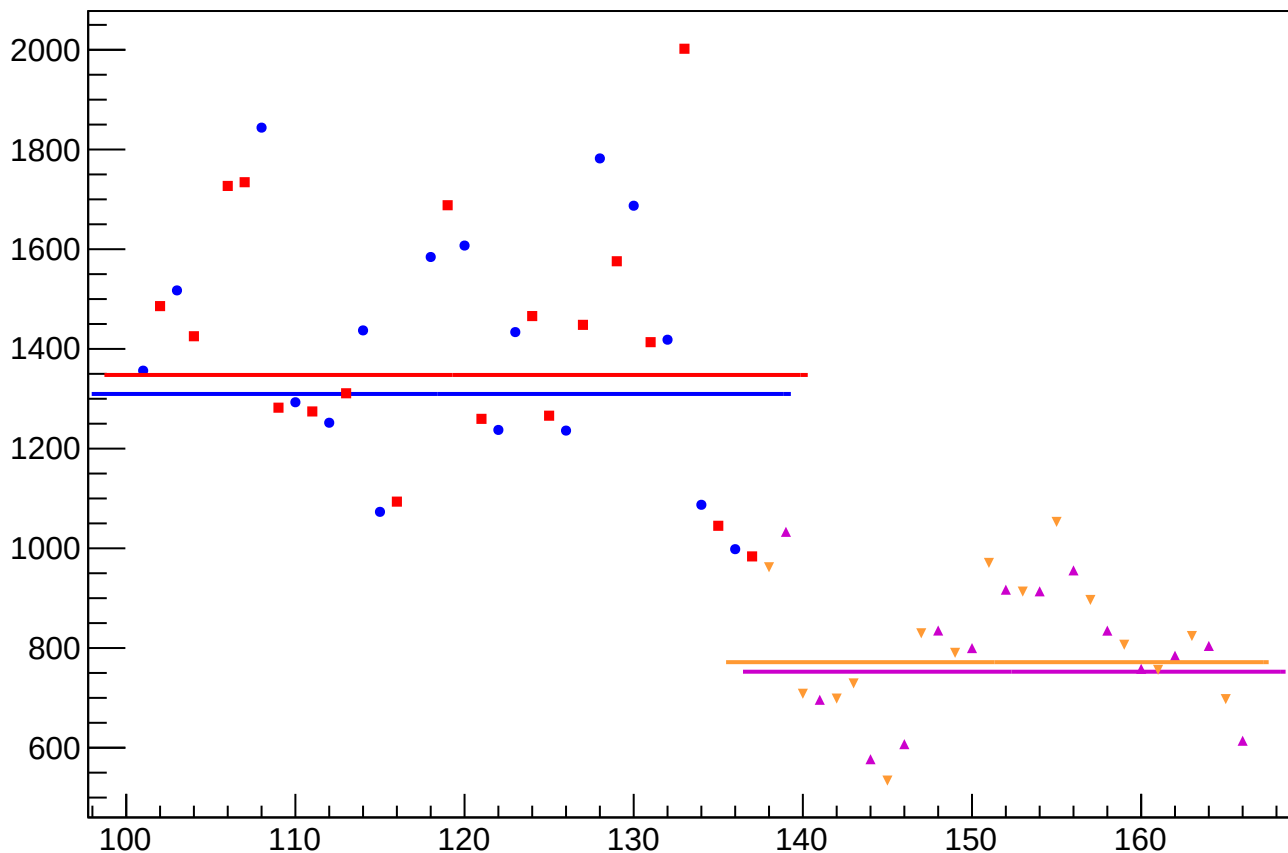
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 99.318 $\pm$ 211.255 χ^2 /NDF:34.7/30

Out: 1057.759 $\pm$ 213.157 χ^2 /NDF:49.5/32

All: 574.243 $\pm$ 150.048 χ^2 /NDF: 94.4/63

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 771.640 $\pm$ 0.165 χ^2 /NDF: 663167.2/14

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 752.487 $\pm$ 0.164 χ^2 /NDF: 651530.7/13

Left: 761.960 $\pm$ 0.116 χ^2 /NDF: 1321472.9/28

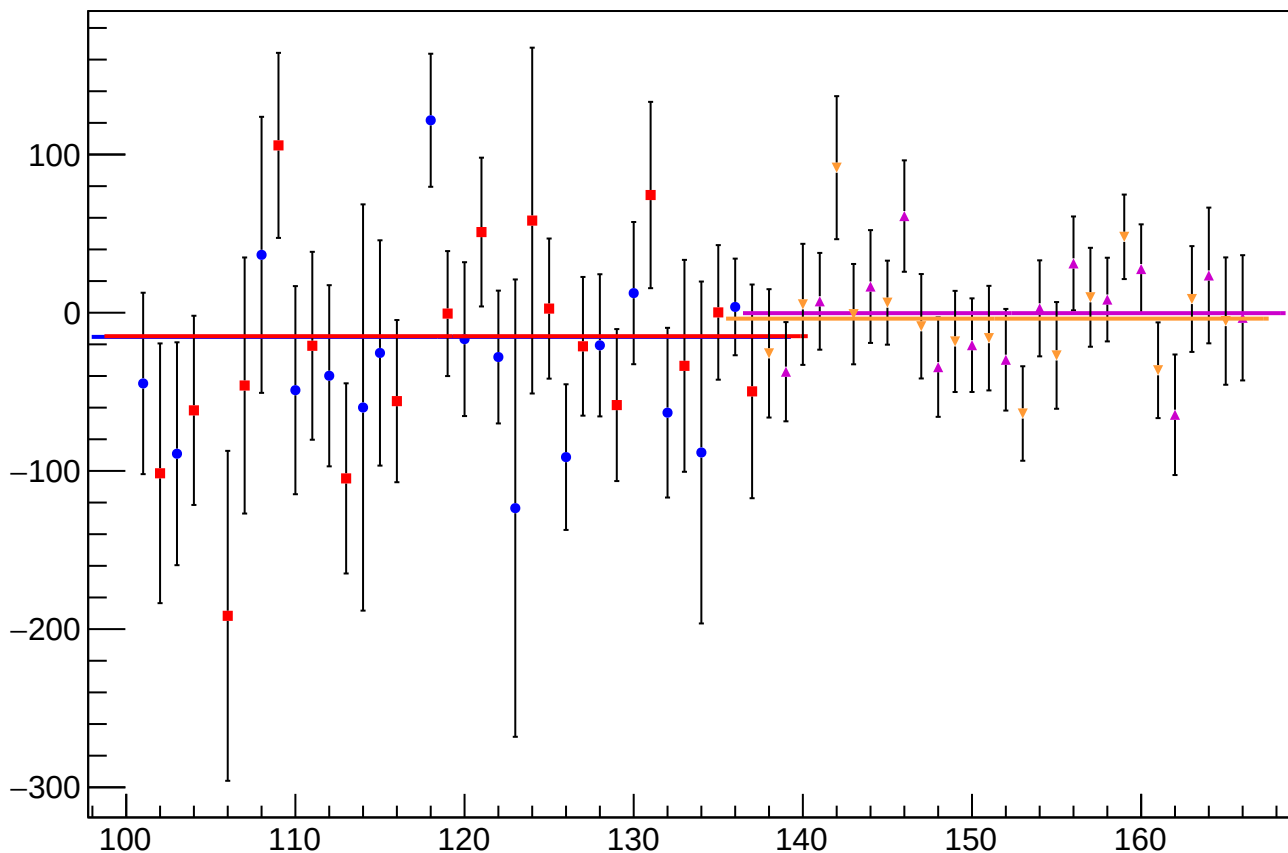
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 845.334 $\pm$ 0.149 χ^2 /NDF: 3042808.1/30

Out: 869.454 $\pm$ 0.151 χ^2 /NDF: 3127930.5/32

All: 857.286 $\pm$ 0.106 χ^2 /NDF: 6183657.4/63

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: -3.742 ± 8.441 χ^2/NDF : 15.1/14

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.280 ± 8.582 χ^2/NDF : 12.6/13

Left: -2.040 ± 6.018 χ^2/NDF : 27.7/28

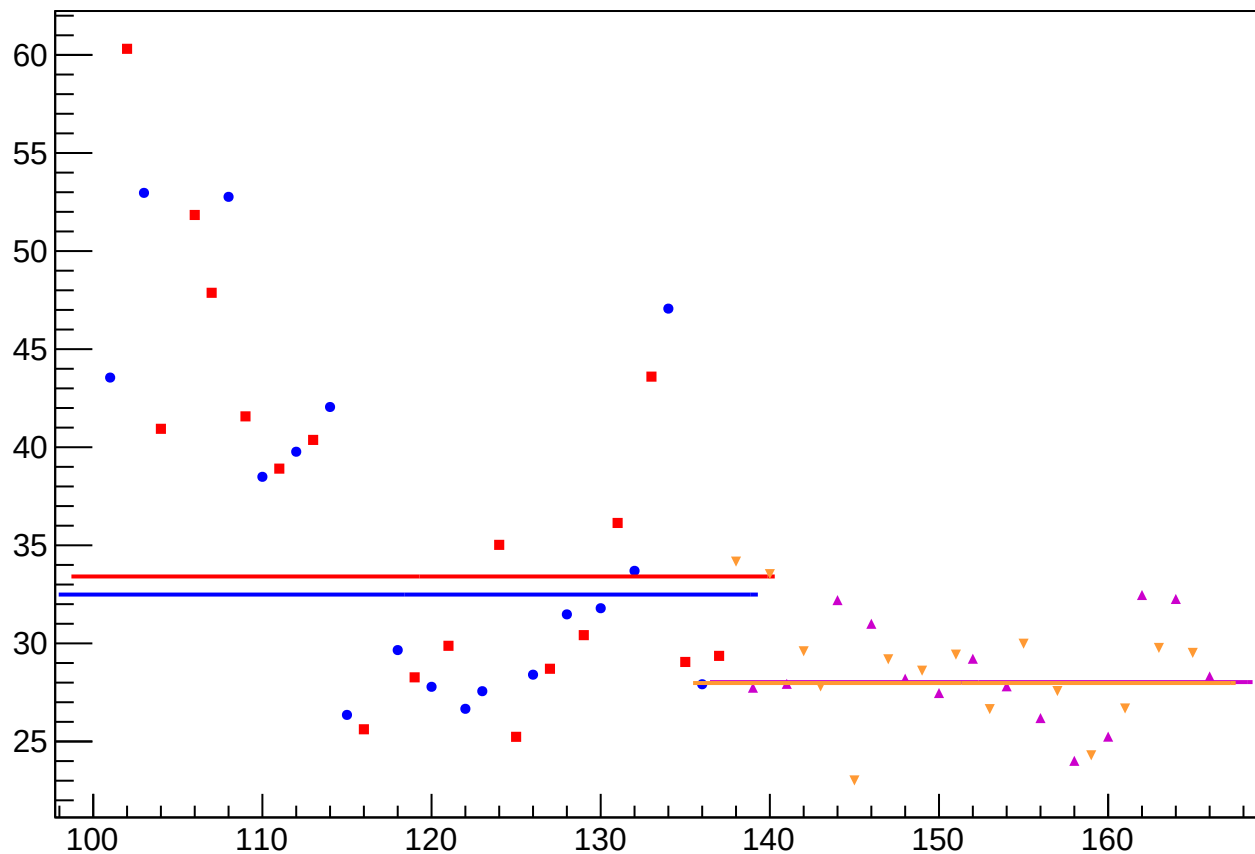
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -4.879 ± 7.146 χ^2/NDF : 31.8/30

Out: -6.999 ± 7.095 χ^2/NDF : 33.8/32

All: -5.946 ± 5.035 χ^2/NDF : 65.6/63

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: 27.979+/-0.006 χ^2/NDF : 230260.8/14

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 28.027+/-0.006 χ^2/NDF : 165419.2/13

Left: 28.003+/-0.004 χ^2/NDF : 395712.3/28

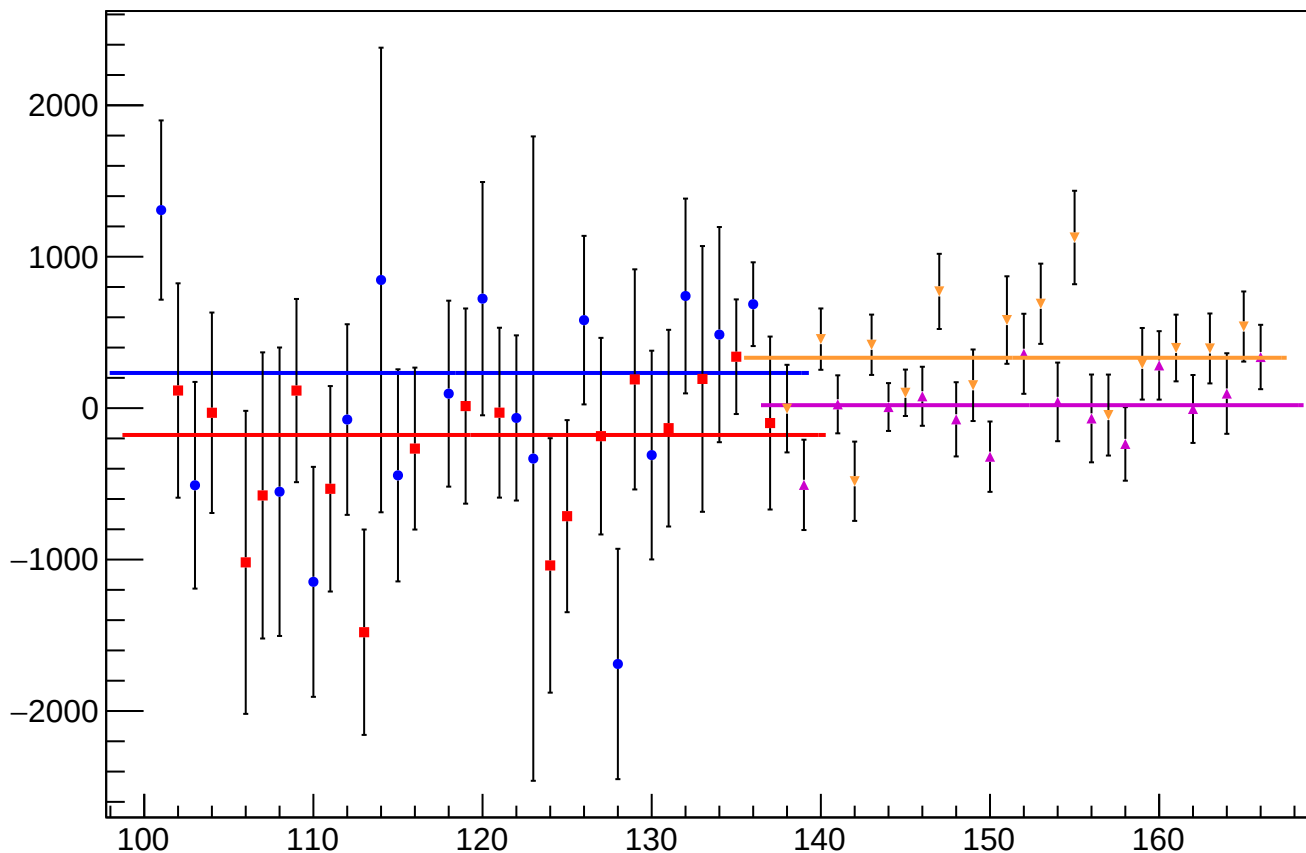
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 29.395+/-0.005 χ^2/NDF : 925627.3/30

Out: 29.573+/-0.005 χ^2/NDF : 1198512.9/32

All: 29.485+/-0.004 χ^2/NDF : 2124766.0/63

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: 332.672 $\pm$ 59.816 χ^2 /NDF:29.8/14

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 19.604 $\pm$ 60.437 χ^2 /NDF:12.0/13

Left: 177.755 $\pm$ 42.514 χ^2 /NDF: 55.4/28

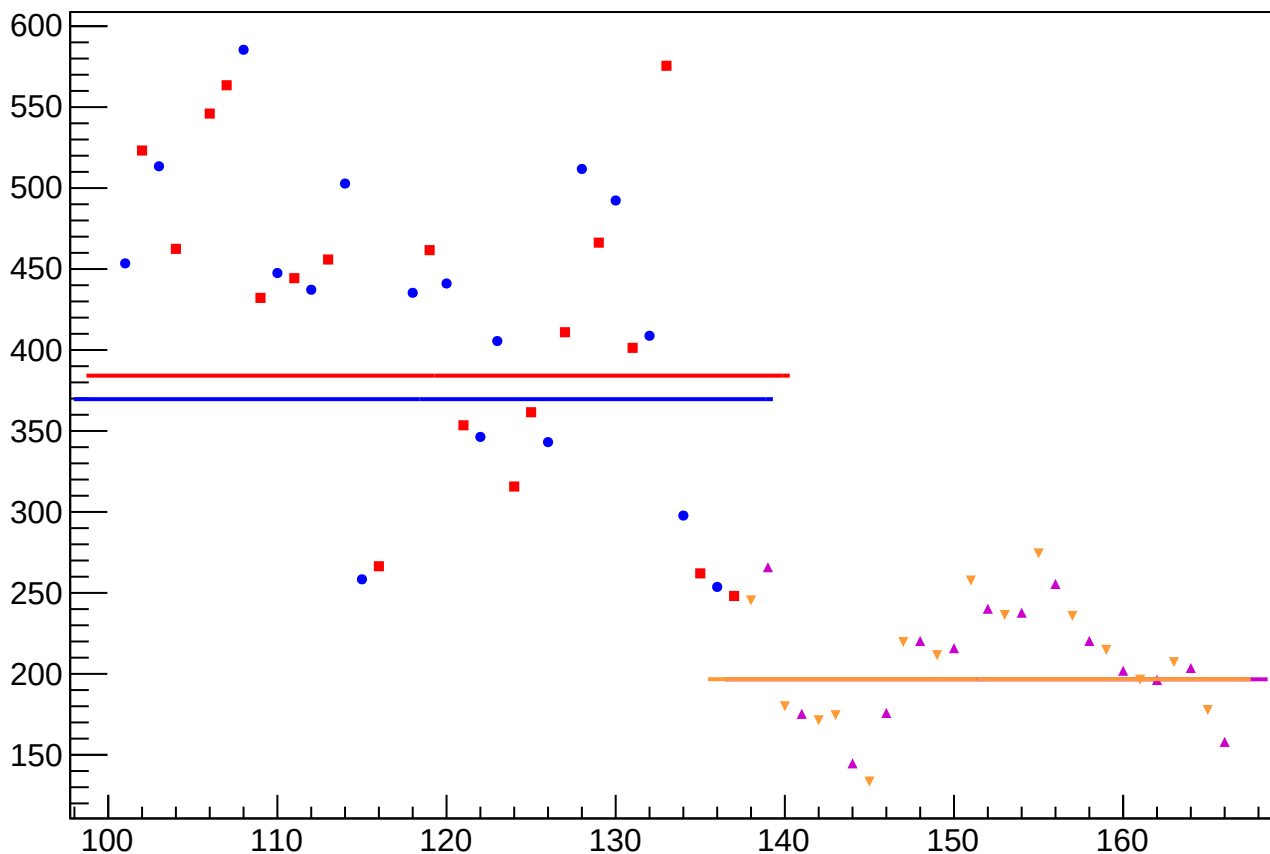
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 49.794 $\pm$ 55.984 χ^2 /NDF:35.3/30

Out: 262.726 $\pm$ 55.561 χ^2 /NDF:49.3/32

All: 157.068 $\pm$ 39.436 χ^2 /NDF: 91.8/63

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: 196.719+/-0.042 χ^2/NDF : 812245.0/14

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 196.637+/-0.043 χ^2/NDF : 678381.1/13

Left: 196.678+/-0.030 χ^2/NDF : 1490628.1/28

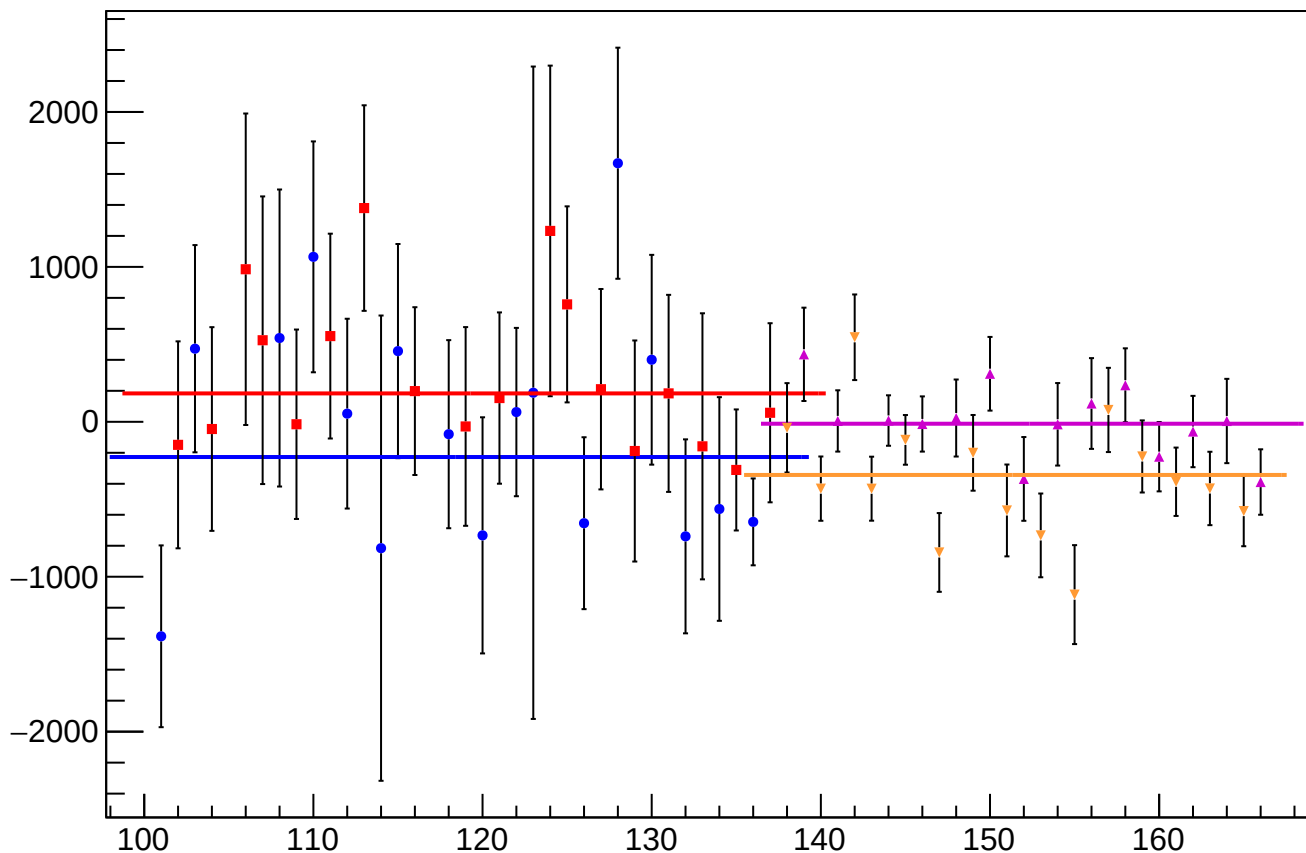
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 221.191+/-0.040 χ^2/NDF : 3907288.5/30

Out: 222.437+/-0.039 χ^2/NDF : 4382009.2/32

All: 221.819+/-0.028 χ^2/NDF : 8289796.6/63

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -343.009 ± 61.136 $\chi^2/\text{NDF}: 30.4/14$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: -12.398 ± 60.701 $\chi^2/\text{NDF}: 11.2/13$

Left: -176.522 ± 43.075 $\chi^2/\text{NDF}: 56.4/28$

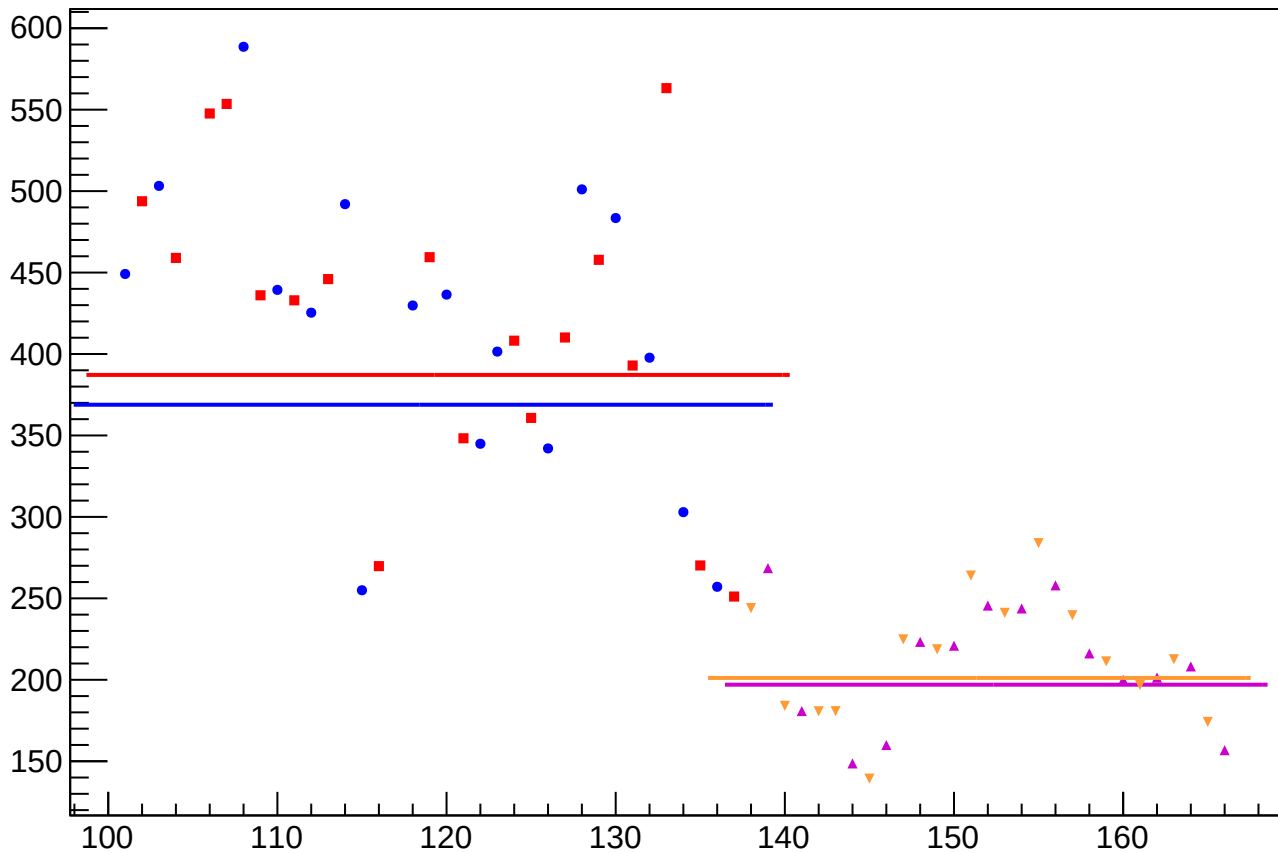
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -43.367 ± 56.157 $\chi^2/\text{NDF}: 34.9/30$

Out: -268.447 ± 56.641 $\chi^2/\text{NDF}: 49.7/32$

All: -154.941 ± 39.879 $\chi^2/\text{NDF}: 92.6/63$

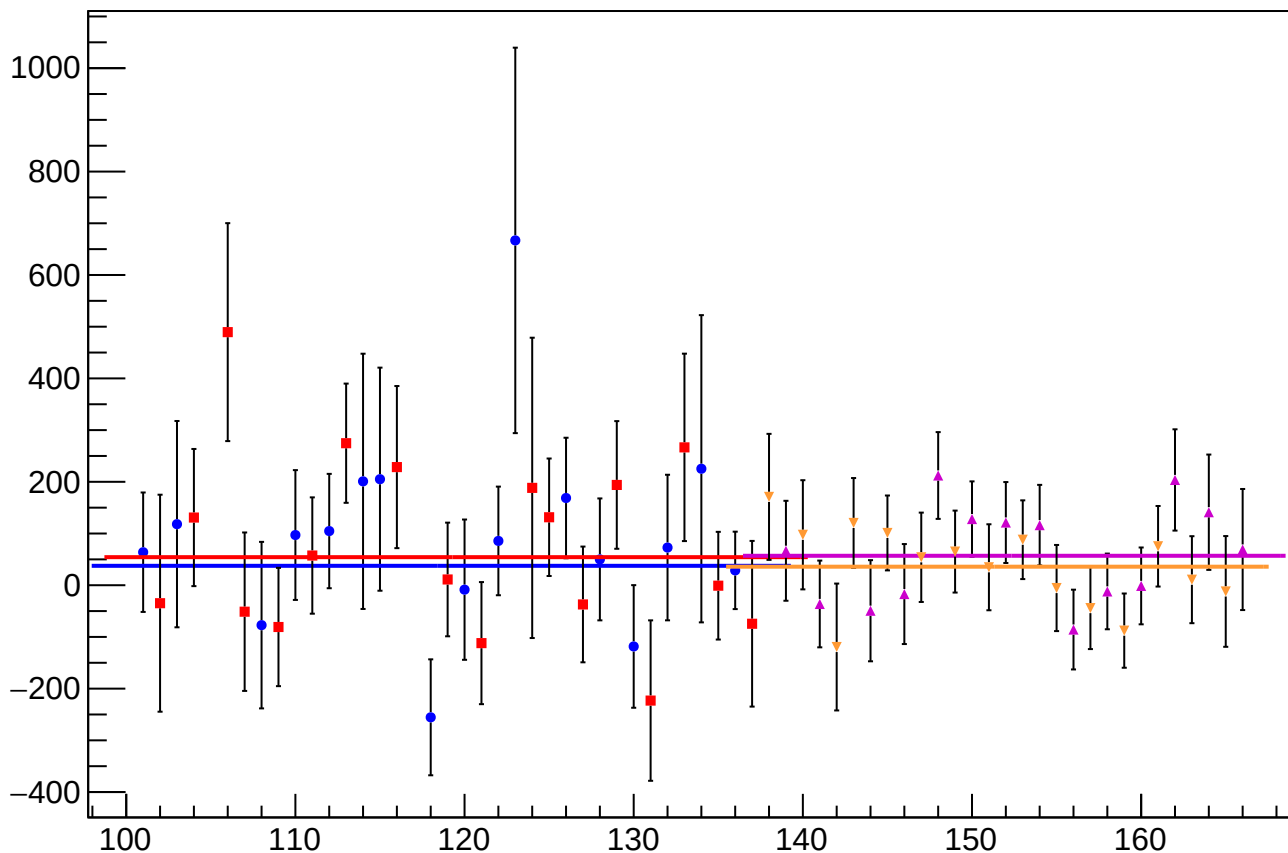
asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16
 Left Out: 201.147 $\pm$ 0.043 χ^2/NDF : 758657.9/14
 Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17
 Left In: 197.000 $\pm$ 0.043 χ^2/NDF : 734103.8/13

Left: 199.059 $\pm$ 0.030 χ^2/NDF : 1497396.4/28
 Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34
 In: 221.770 $\pm$ 0.040 χ^2/NDF : 3874506.8/30
 Out: 227.500 $\pm$ 0.040 χ^2/NDF : 4139776.9/32
 All: 224.610 $\pm$ 0.028 χ^2/NDF : 8024605.8/63

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: 35.842 $\pm$ 22.100 χ^2 /NDF:10.4/14

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 56.938 $\pm$ 22.865 χ^2 /NDF:16.4/13

Left: 46.031 $\pm$ 15.891 χ^2 /NDF: 27.2/28

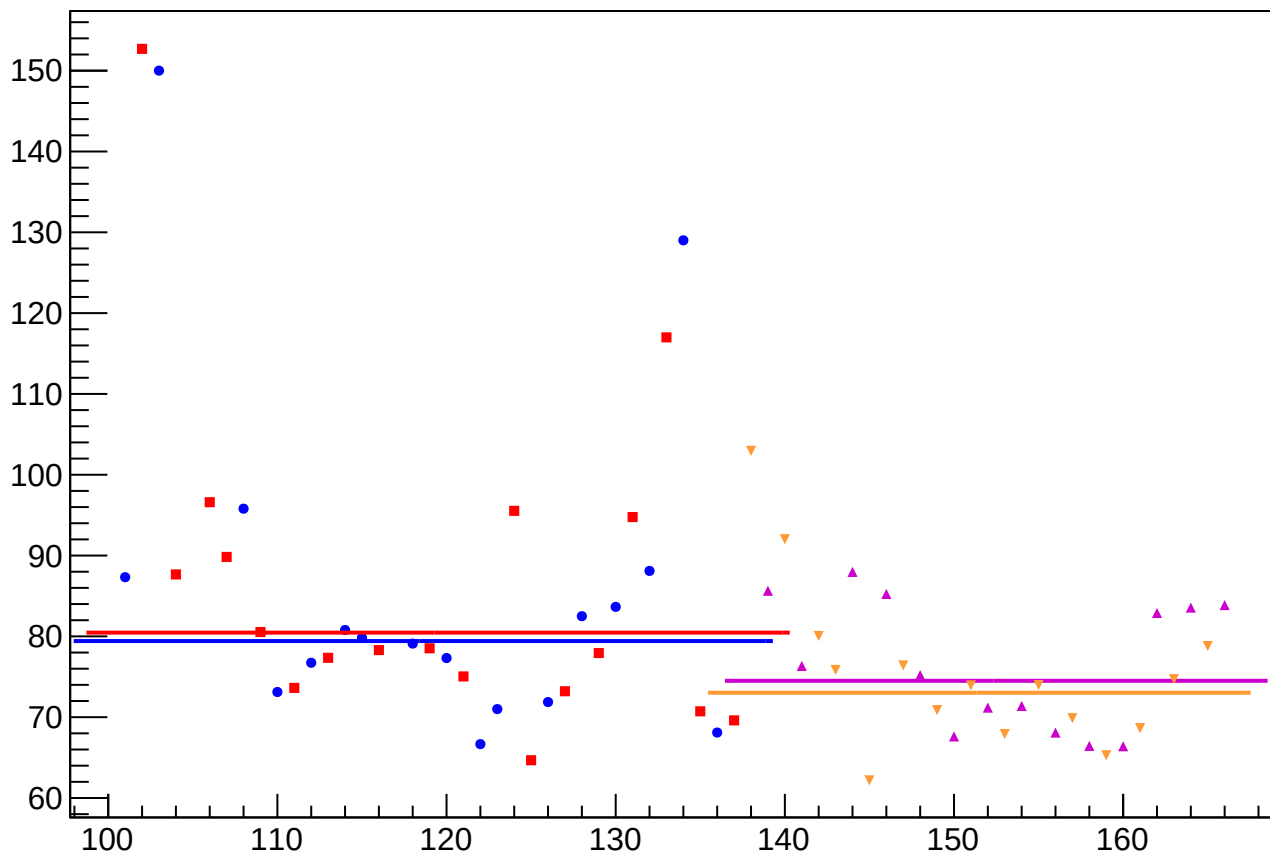
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 50.232 $\pm$ 18.496 χ^2 /NDF:32.5/30

Out: 41.925 $\pm$ 18.089 χ^2 /NDF:32.4/32

All: 45.986 $\pm$ 12.932 χ^2 /NDF: 65.0/63

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.028 $\pm$ 0.016 χ^2 /NDF: 292278.8/14

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 74.502 $\pm$ 0.016 χ^2 /NDF: 217543.5/13

Left: 73.740 $\pm$ 0.011 χ^2 /NDF: 514120.3/28

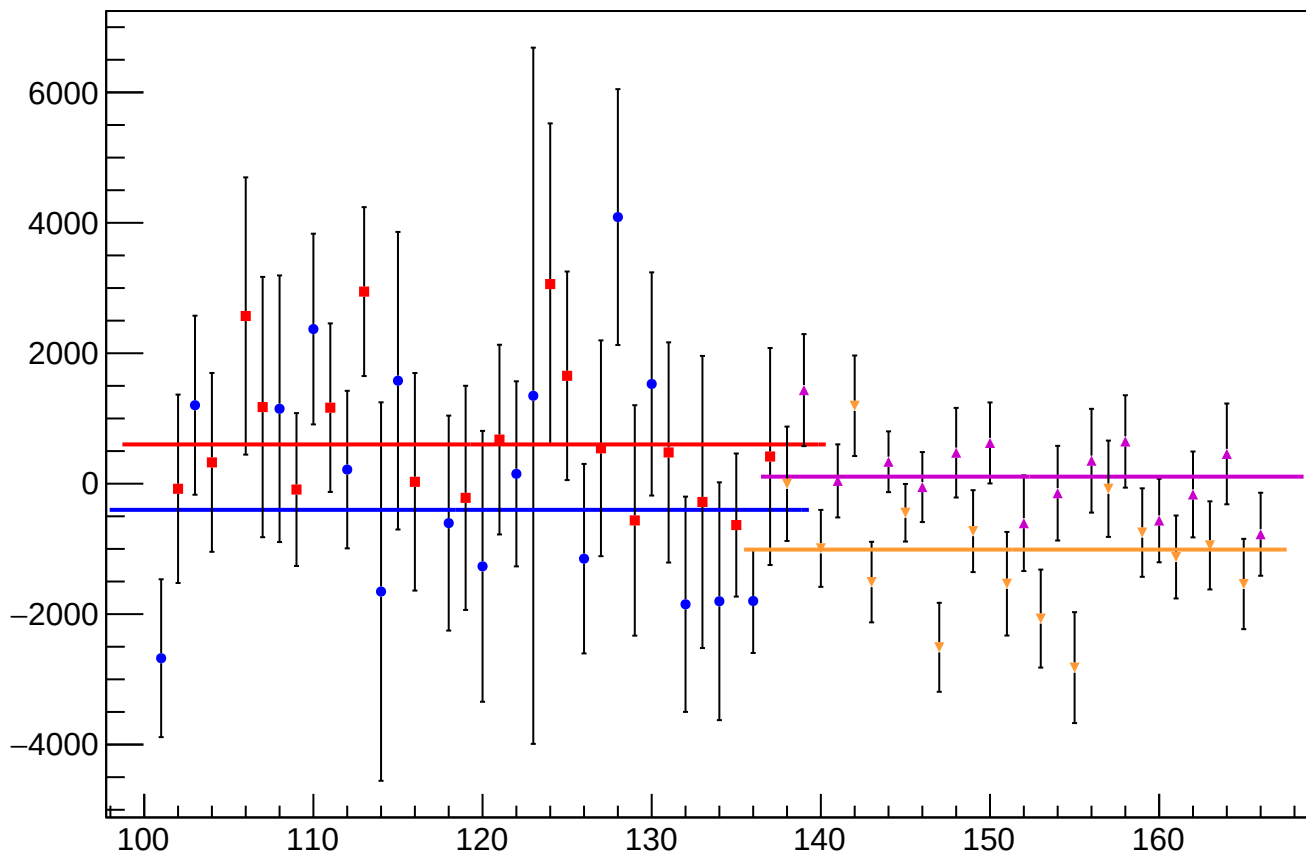
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.202 $\pm$ 0.013 χ^2 /NDF: 688593.1/30

Out: 75.482 $\pm$ 0.013 χ^2 /NDF: 821414.0/32

All: 75.834 $\pm$ 0.009 χ^2 /NDF: 1511556.4/63

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: -1010.391 ± 172.033 $\chi^2/\text{NDF}: 26.1/14$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 107.869 ± 172.660 $\chi^2/\text{NDF}: 8.9/13$

Left: -453.296 ± 121.867 $\chi^2/\text{NDF}: 56.0/28$

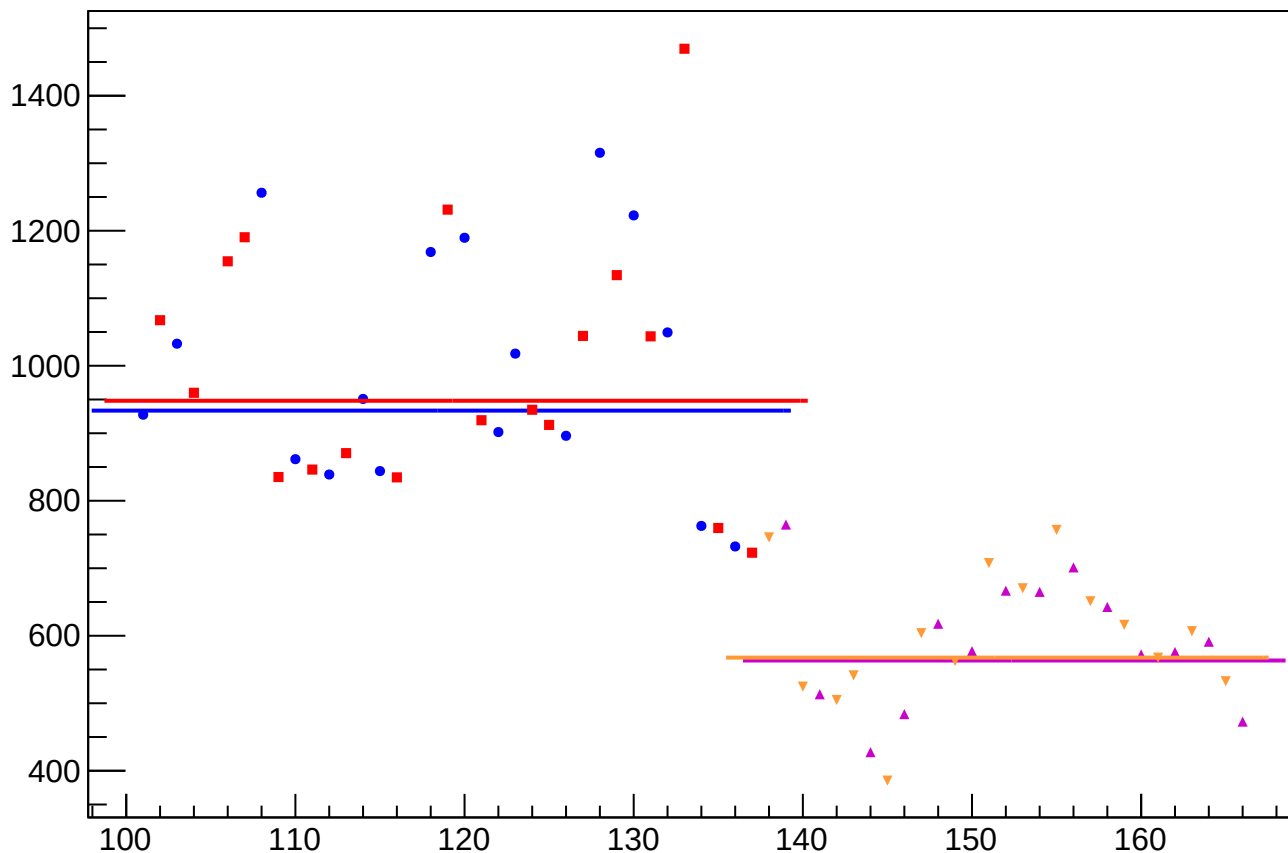
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: 16.247 ± 156.347 $\chi^2/\text{NDF}: 32.3/30$

Out: -715.573 ± 155.511 $\chi^2/\text{NDF}: 50.9/32$

All: -351.626 ± 110.257 $\chi^2/\text{NDF}: 94.2/63$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 567.626+/-0.122 χ^2/NDF : 702410.4/14

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 563.339+/-0.122 χ^2/NDF : 561327.9/13

Left: 565.490+/-0.086 χ^2/NDF : 1264357.3/28

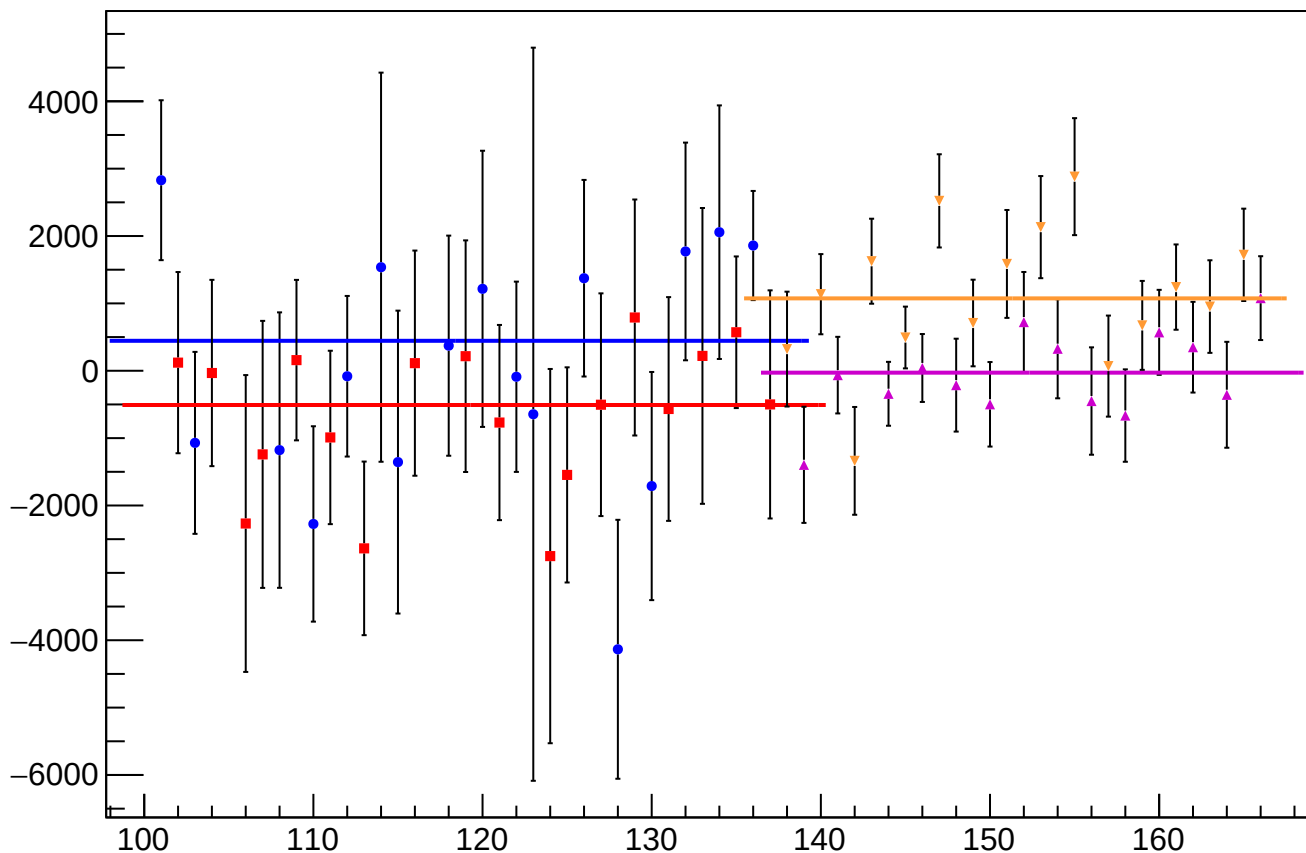
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 629.986+/-0.111 χ^2/NDF : 2658854.1/30

Out: 637.205+/-0.110 χ^2/NDF : 2896680.4/32

All: 633.614+/-0.078 χ^2/NDF : 5557677.9/63

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1074.419+/-174.118 χ^2/NDF :26.8/14

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -28.279+/-172.149 χ^2/NDF :10.6/13

Left: 516.800+/-122.418 χ^2/NDF : 57.6/28

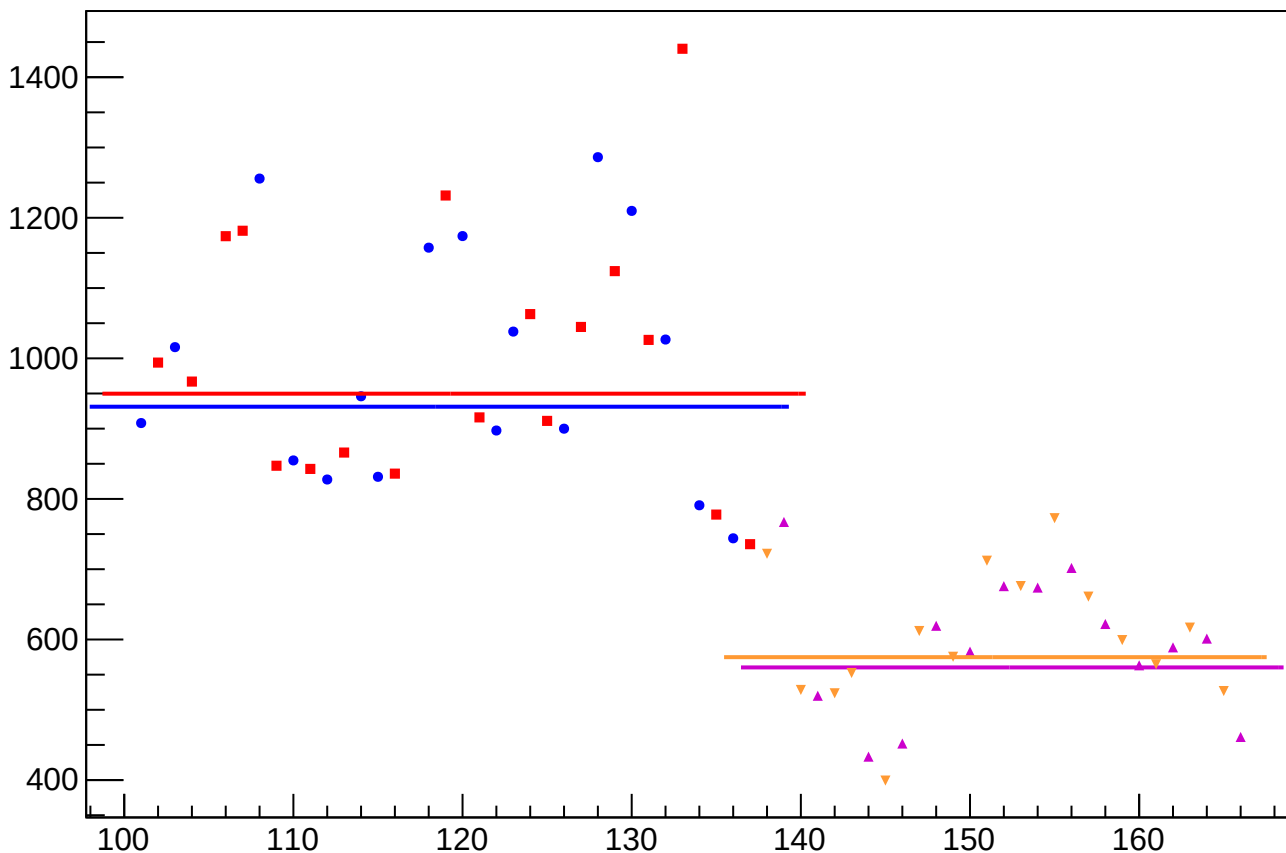
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 56.978+/-155.862 χ^2/NDF :34.8/30

Out: 779.867+/-157.081 χ^2/NDF :49.5/32

All: 415.606+/-110.640 χ^2/NDF : 95.0/63

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 574.870+/-0.123 χ^2/NDF : 626857.8/14

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 560.278+/-0.122 χ^2/NDF : 613331.3/13

Left: 567.491+/-0.087 χ^2/NDF : 1247292.5/28

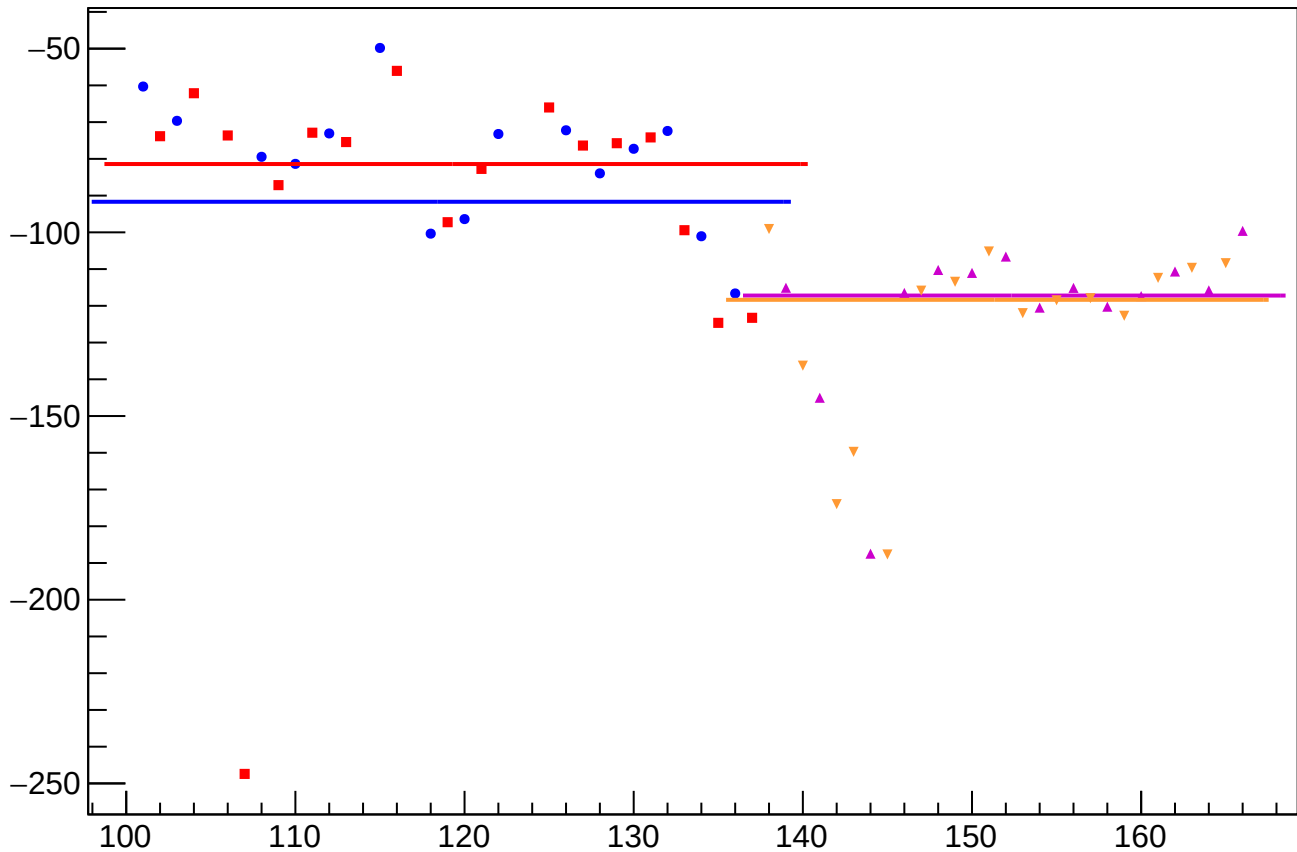
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 627.143+/-0.110 χ^2/NDF : 2687394.3/30

Out: 644.639+/-0.111 χ^2/NDF : 2717794.1/32

All: 635.823+/-0.078 χ^2/NDF : 5417690.3/63

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -118.367+/-0.072 χ^2/NDF : 26952.9/14

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -117.207+/-0.066 χ^2/NDF : 60305.3/13

Left: -117.740+/-0.049 χ^2/NDF : 87398.5/28

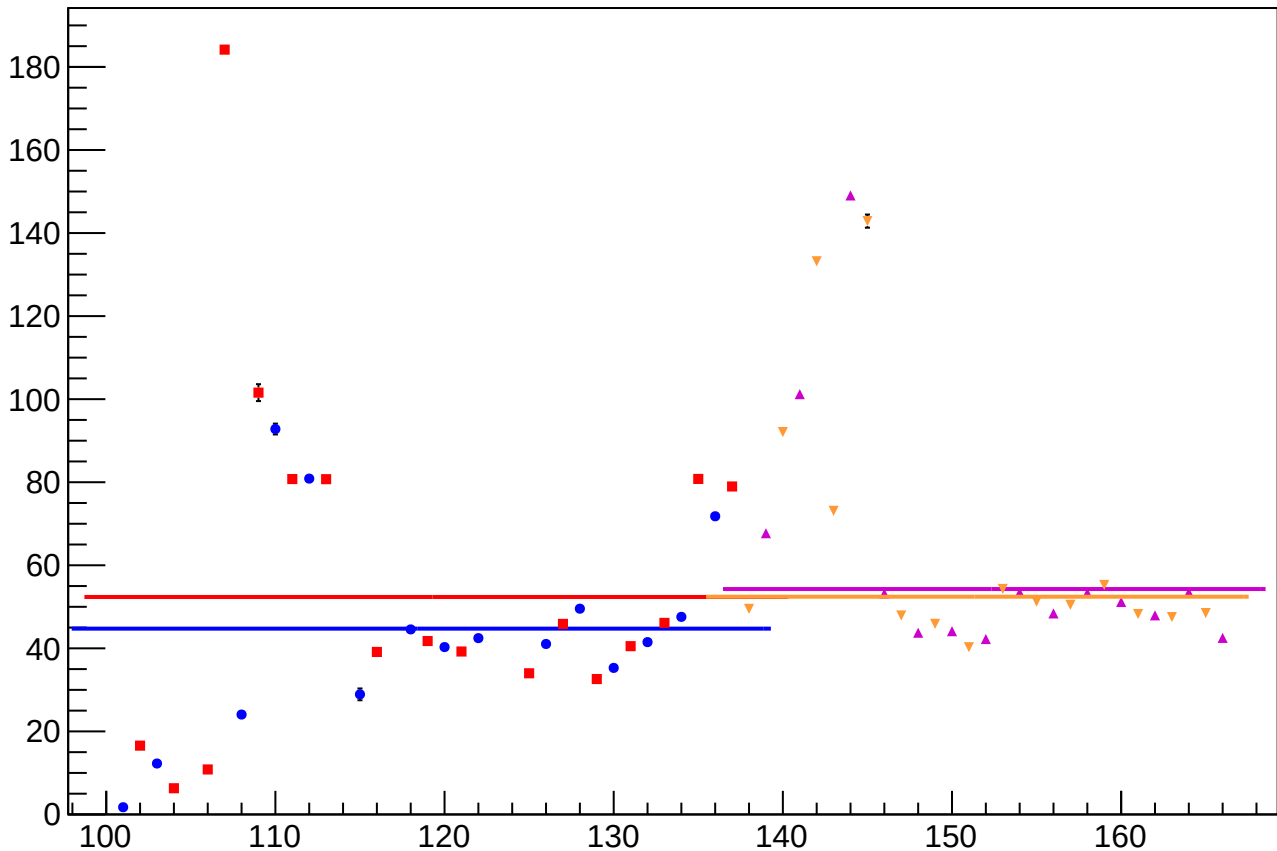
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -105.149+/-0.048 χ^2/NDF : 194834.0/28

Out: -105.498+/-0.058 χ^2/NDF : 160502.1/31

All: -105.291+/-0.037 χ^2/NDF : 355357.5/60

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.430+/-0.059 χ^2/NDF :43622.1/14

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 54.281+/-0.057 χ^2/NDF :118080.5/13

Left: 53.392+/-0.041 χ^2/NDF : 162210.6/28

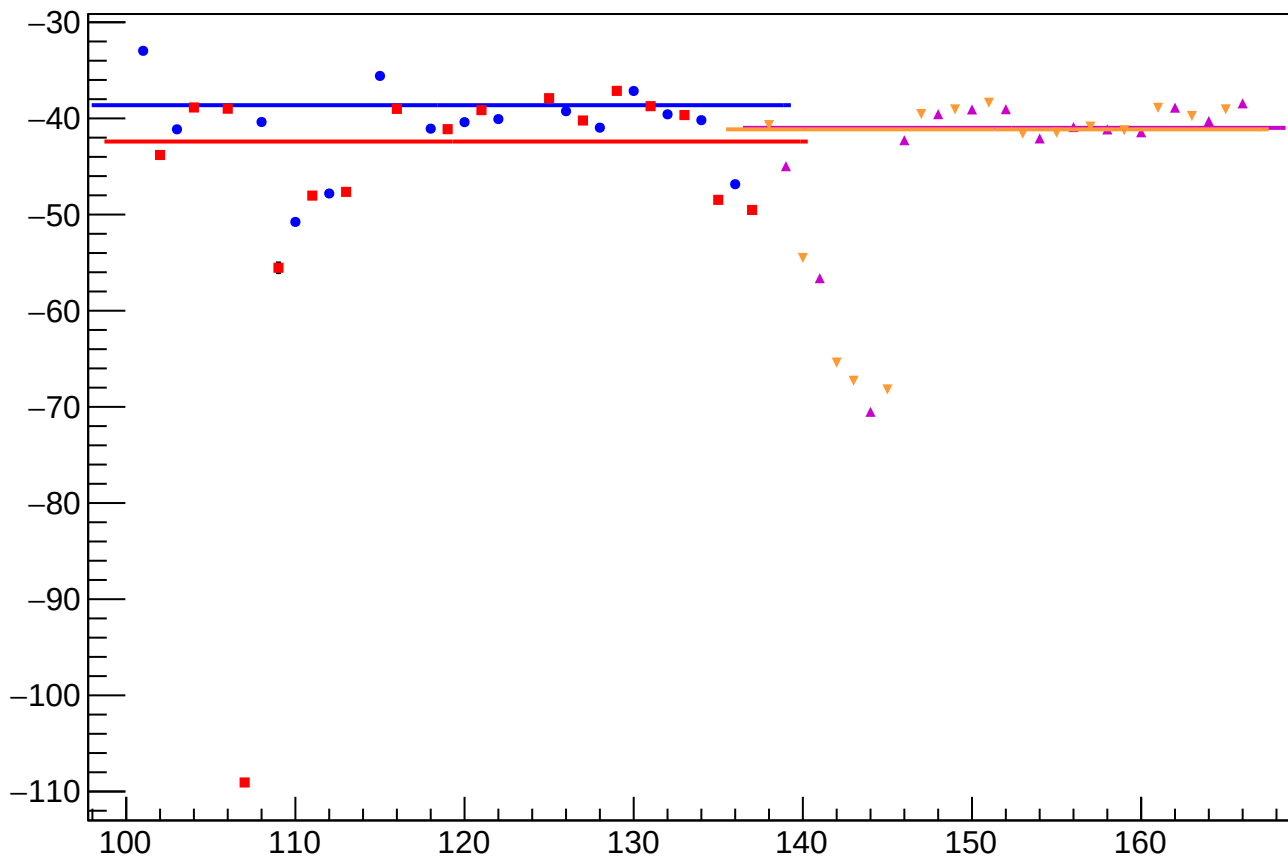
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 49.807+/-0.041 χ^2/NDF :215937.3/28

Out: 52.416+/-0.052 χ^2/NDF :112907.5/31

All: 50.813+/-0.033 χ^2/NDF : 330369.3/60

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.139 ± 0.009 $\chi^2/\text{NDF}: 191511.6/14$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.983 ± 0.009 $\chi^2/\text{NDF}: 151747.4/13$

Left: -41.066 ± 0.006 $\chi^2/\text{NDF}: 343405.7/28$

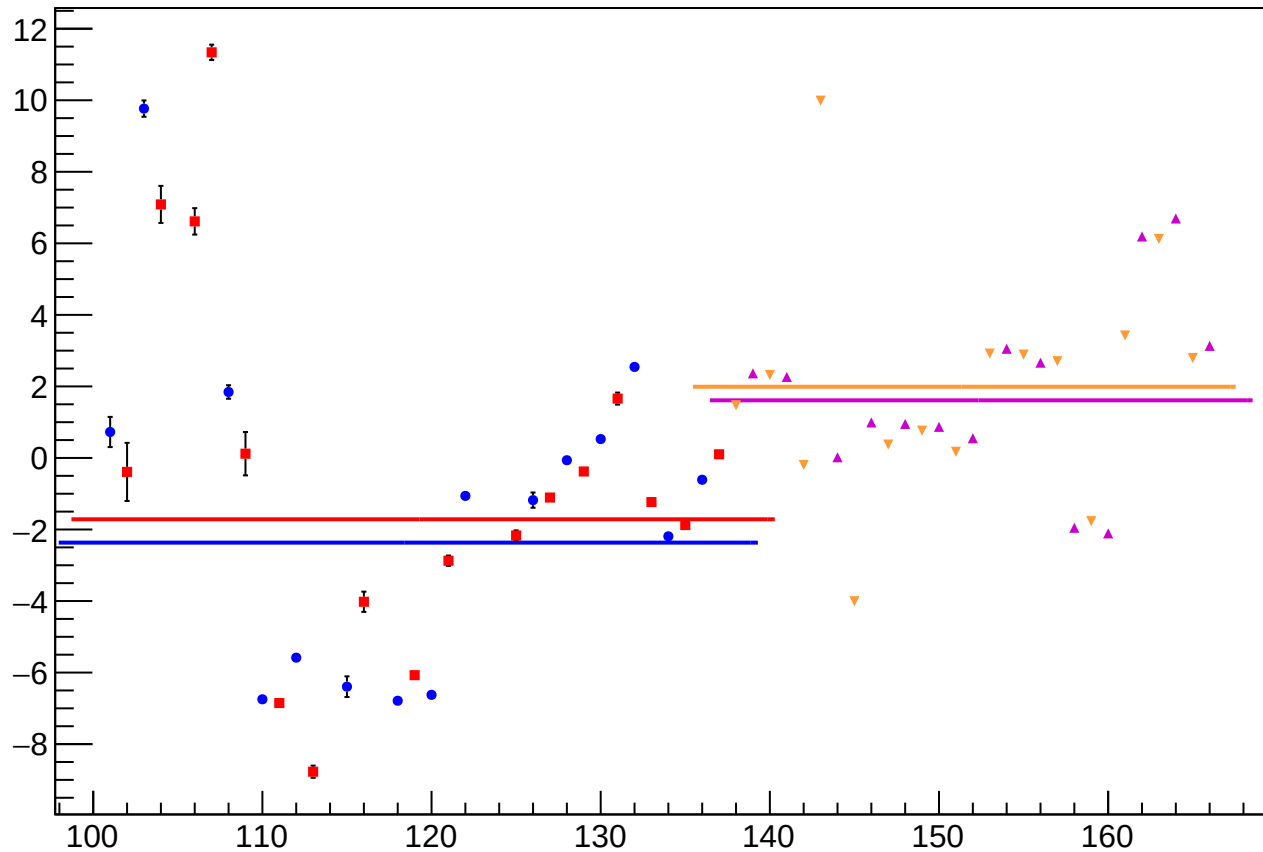
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.653 ± 0.006 $\chi^2/\text{NDF}: 427289.9/28$

Out: -41.322 ± 0.008 $\chi^2/\text{NDF}: 463683.3/31$

All: -40.271 ± 0.005 $\chi^2/\text{NDF}: 917722.0/60$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.991 ± 0.009 $\chi^2/\text{NDF}: 71686.9/14$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.611 ± 0.008 $\chi^2/\text{NDF}: 78073.2/13$

Left: 1.783 ± 0.006 $\chi^2/\text{NDF}: 150691.0/28$

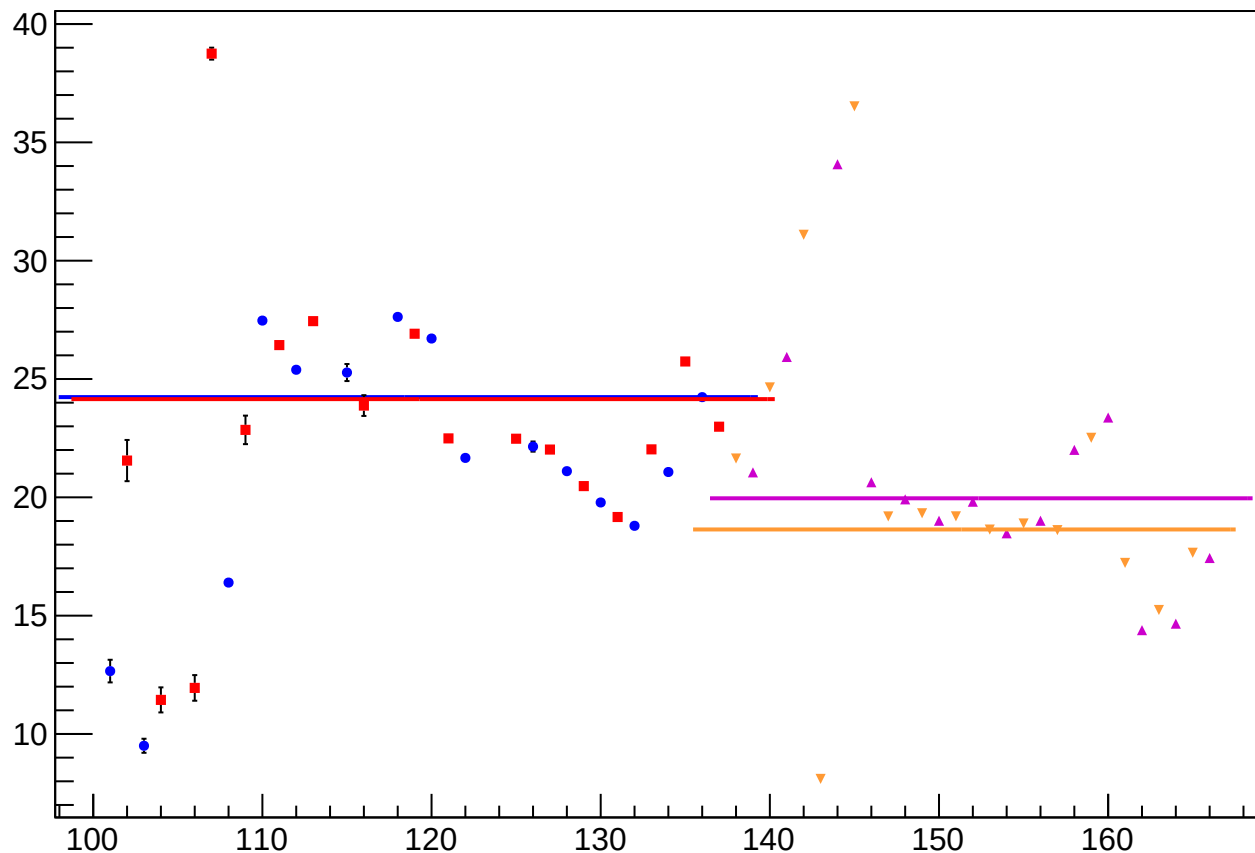
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.572 ± 0.007 $\chi^2/\text{NDF}: 165883.2/28$

Out: 1.604 ± 0.009 $\chi^2/\text{NDF}: 101289.0/31$

All: 0.990 ± 0.006 $\chi^2/\text{NDF}: 275518.5/60$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.642 $\pm$ 0.009 χ^2 /NDF: 70929.5/14

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.959 $\pm$ 0.009 χ^2 /NDF: 89239.0/13

Left: 19.358 $\pm$ 0.006 χ^2 /NDF: 171120.0/28

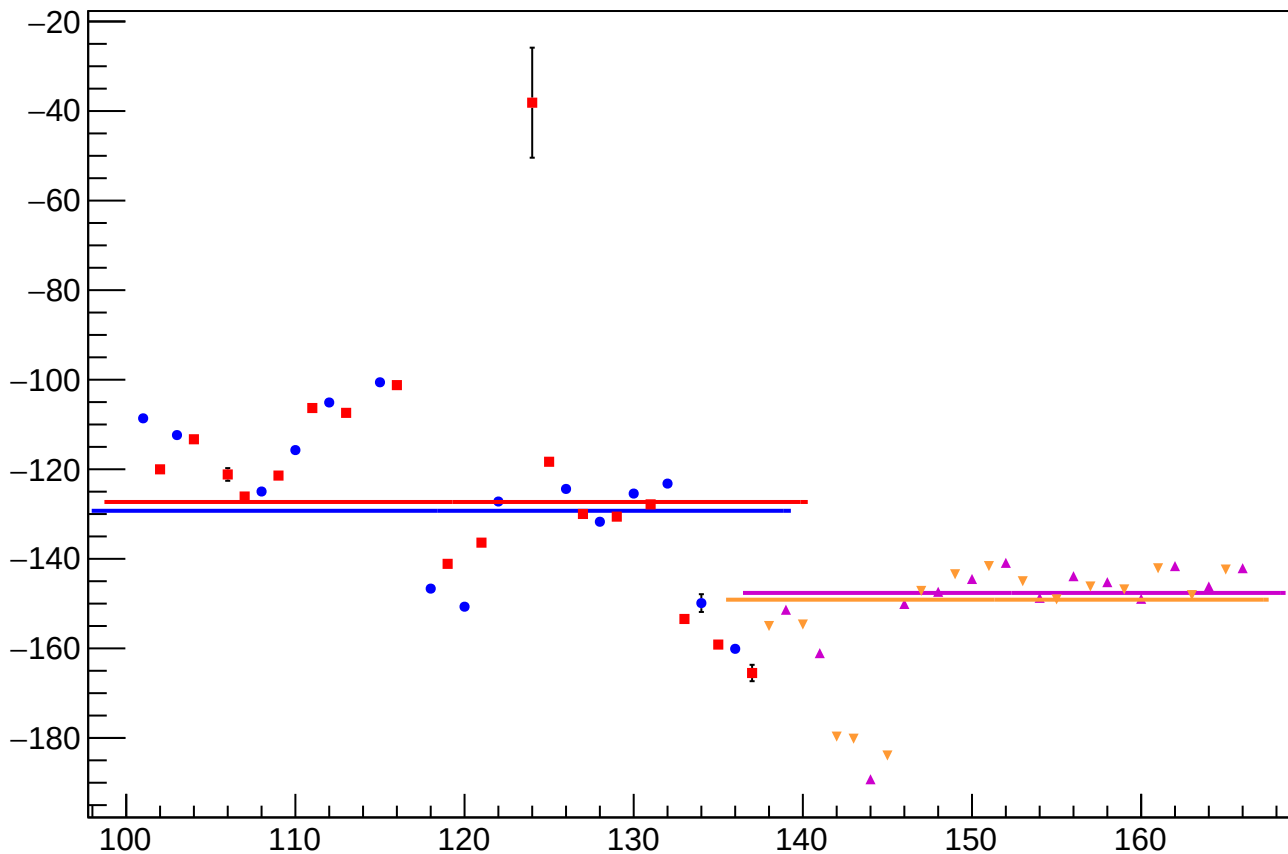
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.513 $\pm$ 0.008 χ^2 /NDF: 143948.8/28

Out: 19.339 $\pm$ 0.009 χ^2 /NDF: 128762.1/31

All: 19.979 $\pm$ 0.006 χ^2 /NDF: 282696.0/60

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -149.124 ± 0.061 χ^2/NDF : 29163.4/14

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -147.612 ± 0.057 χ^2/NDF : 22608.7/13

Left: -148.323 ± 0.042 χ^2/NDF : 52100.8/28

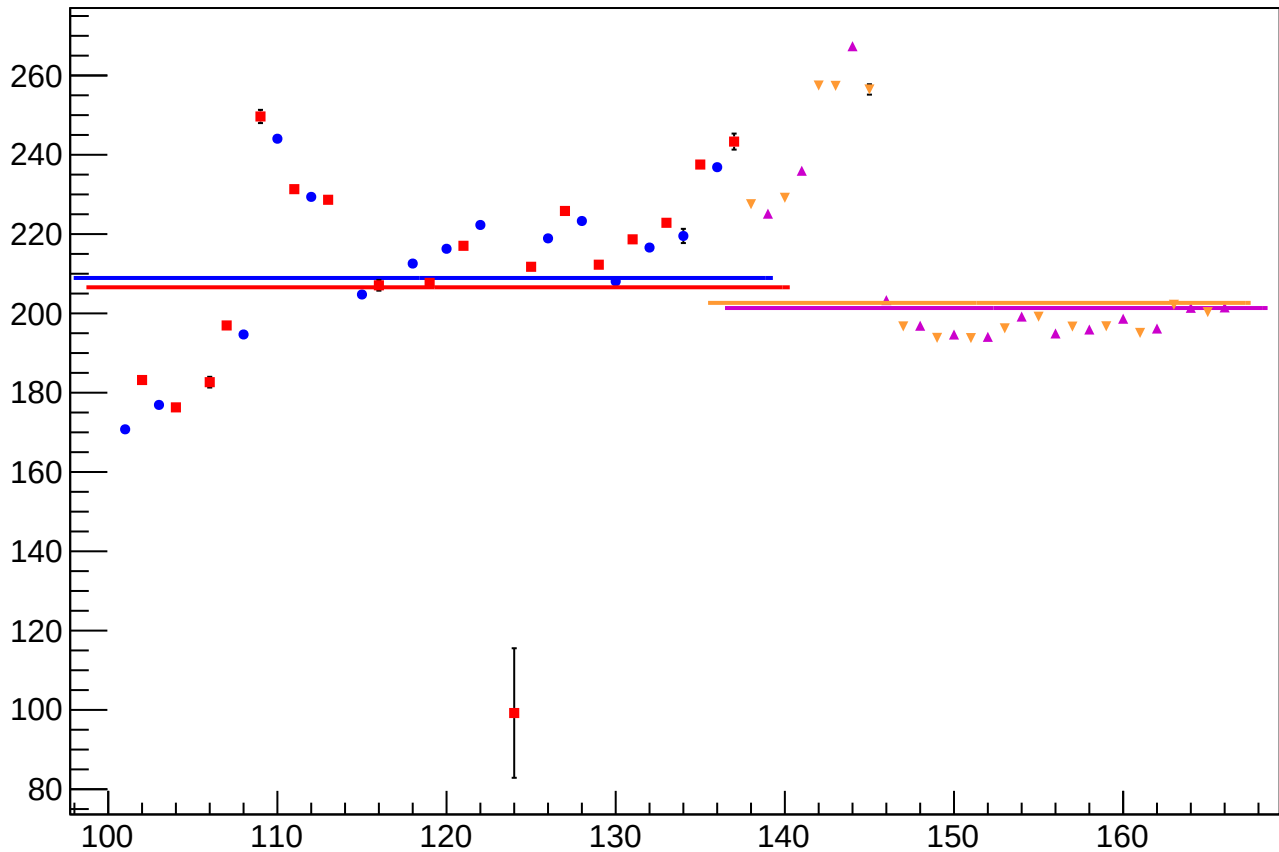
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.149 ± 0.048 χ^2/NDF : 88372.1/28

Out: -141.682 ± 0.049 χ^2/NDF : 102894.9/32

All: -141.922 ± 0.034 χ^2/NDF : 191313.2/61

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 202.651 $\pm$ 0.050 χ^2 /NDF:103151.4/14

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 201.350 $\pm$ 0.049 χ^2 /NDF:76146.4/13

Left: 201.984 $\pm$ 0.035 χ^2 /NDF: 179644.8/28

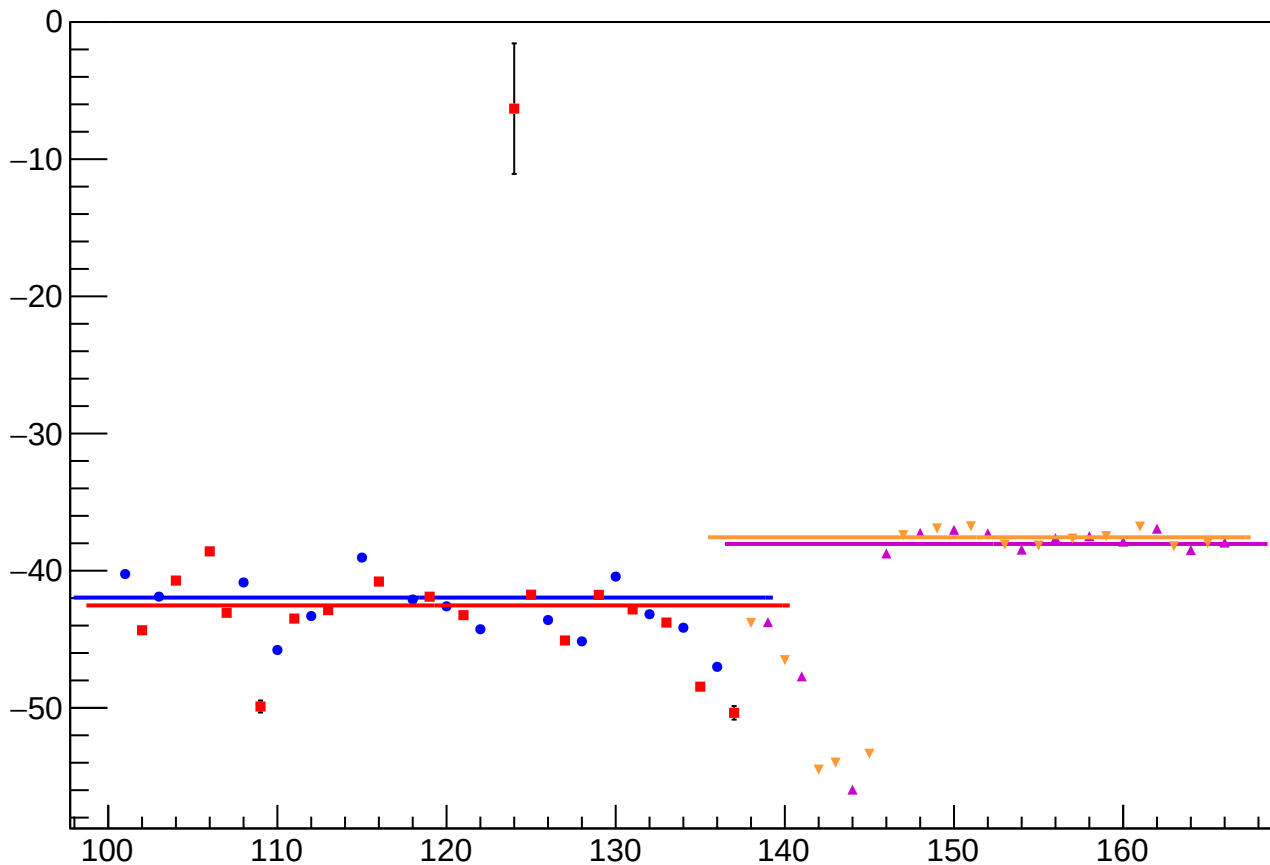
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 203.094 $\pm$ 0.043 χ^2 /NDF:126396.1/28

Out: 203.693 $\pm$ 0.043 χ^2 /NDF:153002.3/32

All: 203.393 $\pm$ 0.030 χ^2 /NDF: 279496.1/61

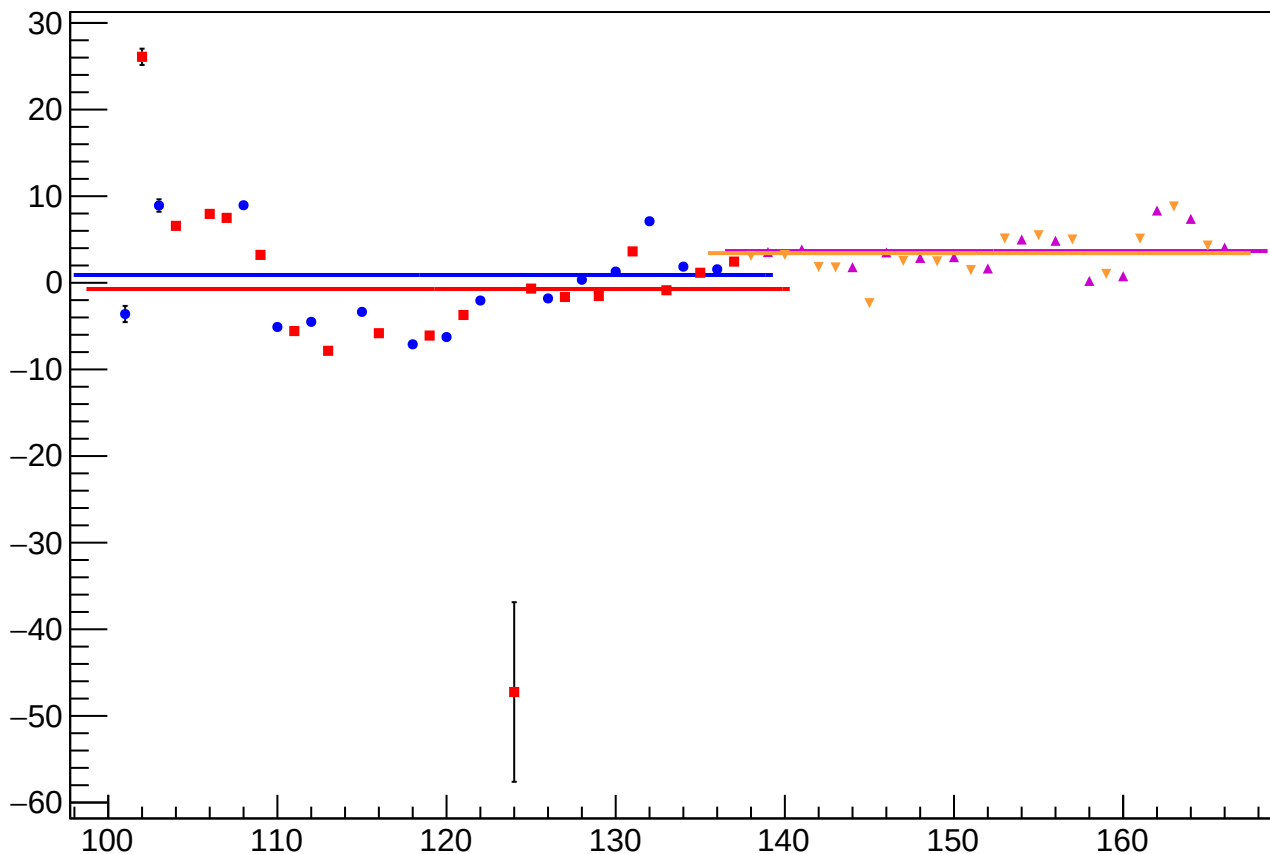
dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$
 Left Out: -37.564 ± 0.005 $\chi^2/\text{NDF}: 220956.5/14$
 Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$
 Left In: -38.050 ± 0.005 $\chi^2/\text{NDF}: 132991.5/13$

Left: -37.782 ± 0.003 $\chi^2/\text{NDF}: 359027.5/28$
 Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$
 In: -38.422 ± 0.005 $\chi^2/\text{NDF}: 214005.0/28$
 Out: -37.796 ± 0.004 $\chi^2/\text{NDF}: 282251.6/32$
 All: -38.085 ± 0.003 $\chi^2/\text{NDF}: 505350.8/61$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.427 ± 0.009 $\chi^2/\text{NDF}: 73204.8/14$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.666 ± 0.008 $\chi^2/\text{NDF}: 62646.6/13$

Left: 3.550 ± 0.006 $\chi^2/\text{NDF}: 136247.9/28$

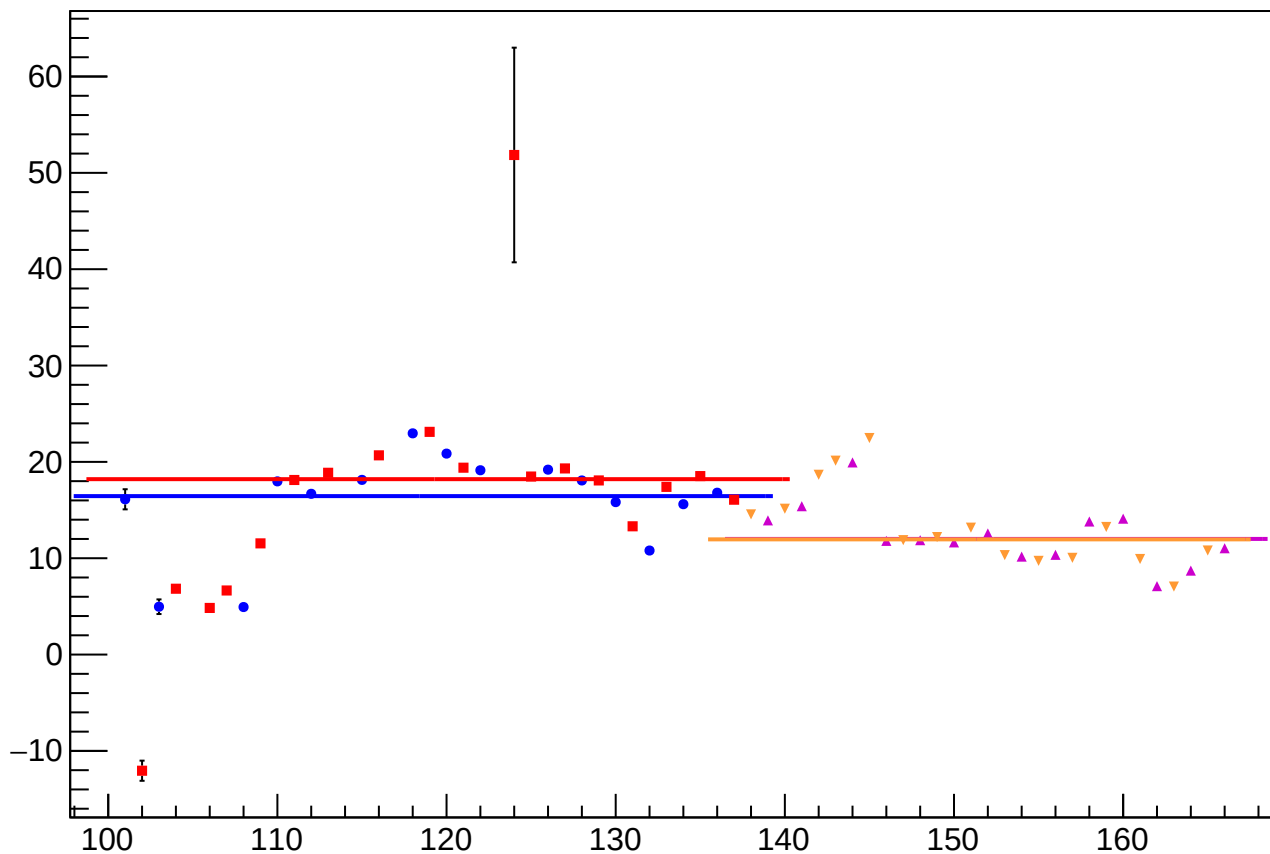
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.258 ± 0.008 $\chi^2/\text{NDF}: 99974.3/28$

Out: 2.963 ± 0.008 $\chi^2/\text{NDF}: 129671.4/32$

All: 3.118 ± 0.006 $\chi^2/\text{NDF}: 230337.1/61$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.958 $\pm$ 0.010 χ^2 /NDF: 87056.7/14

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.004 $\pm$ 0.010 χ^2 /NDF: 45462.4/13

Left: 11.980 $\pm$ 0.007 χ^2 /NDF: 132529.3/28

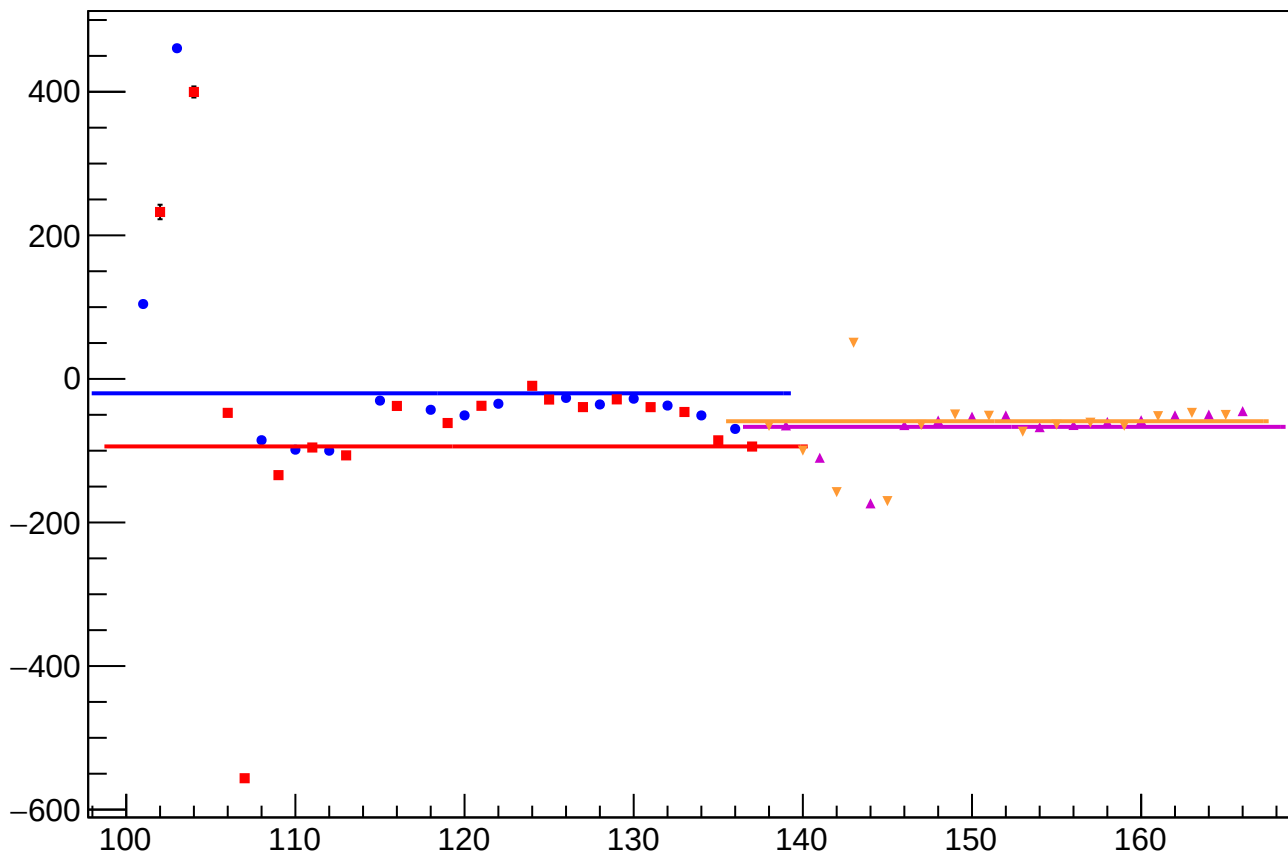
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.680 $\pm$ 0.010 χ^2 /NDF: 87746.9/28

Out: 13.176 $\pm$ 0.009 χ^2 /NDF: 189862.2/32

All: 12.941 $\pm$ 0.007 χ^2 /NDF: 279040.5/61

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -58.972 ± 0.121 χ^2/NDF : 46512.5/14

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -66.781 ± 0.139 χ^2/NDF : 39708.3/13

Left: -62.333 ± 0.091 χ^2/NDF : 88011.7/28

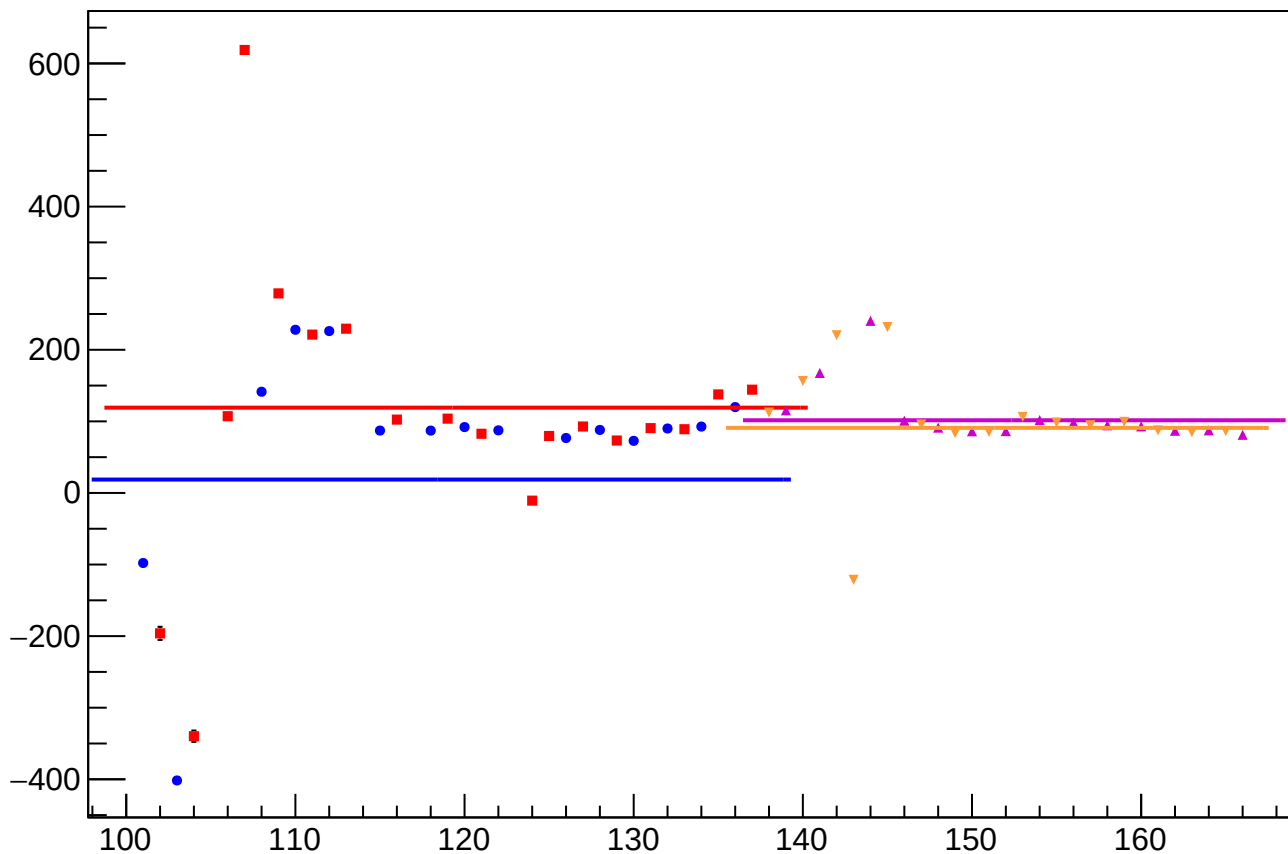
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.634 ± 0.103 χ^2/NDF : 532117.6/28

Out: -93.684 ± 0.012 χ^2/NDF : 217069.7/32

All: -93.001 ± 0.012 χ^2/NDF : 963590.4/61

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 90.947+/-0.103 χ^2/NDF :167790.8/14

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 101.552+/-0.120 χ^2/NDF :61006.1/13

Left: 95.453+/-0.078 χ^2/NDF : 233301.6/28

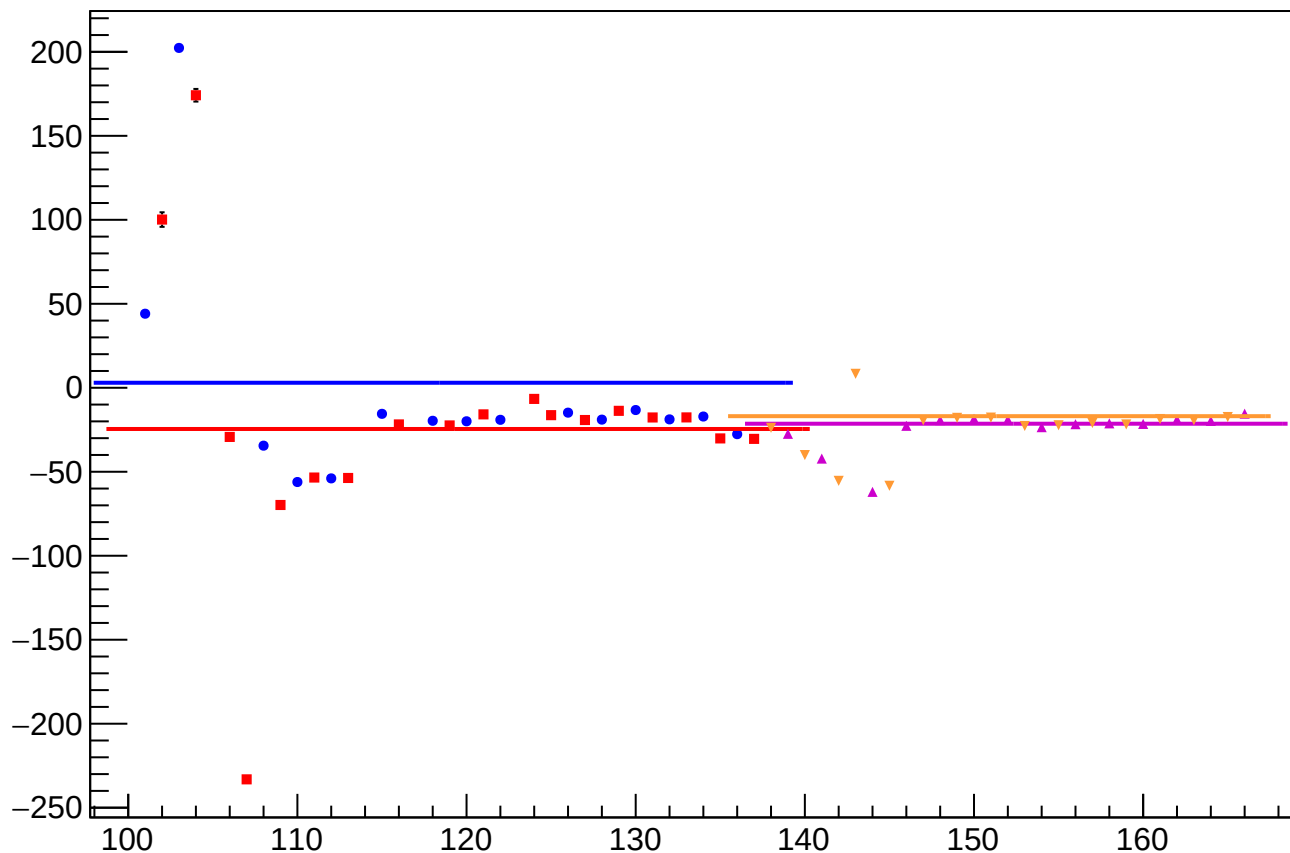
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 69.833+/-0.094 χ^2/NDF :1345808.9/28

Out: 96.897+/-0.091 χ^2/NDF :271070.3/32

All: 83.747+/-0.066 χ^2/NDF : 1659396.2/61

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.906+/-0.015 χ^2/NDF : 570031.2/14

Right Out: -24.533+/-0.044 χ^2/NDF : 176488.8/17

Left In: -21.401+/-0.017 χ^2/NDF : 127866.8/13

Left: -18.869+/-0.011 χ^2/NDF : 738402.6/28

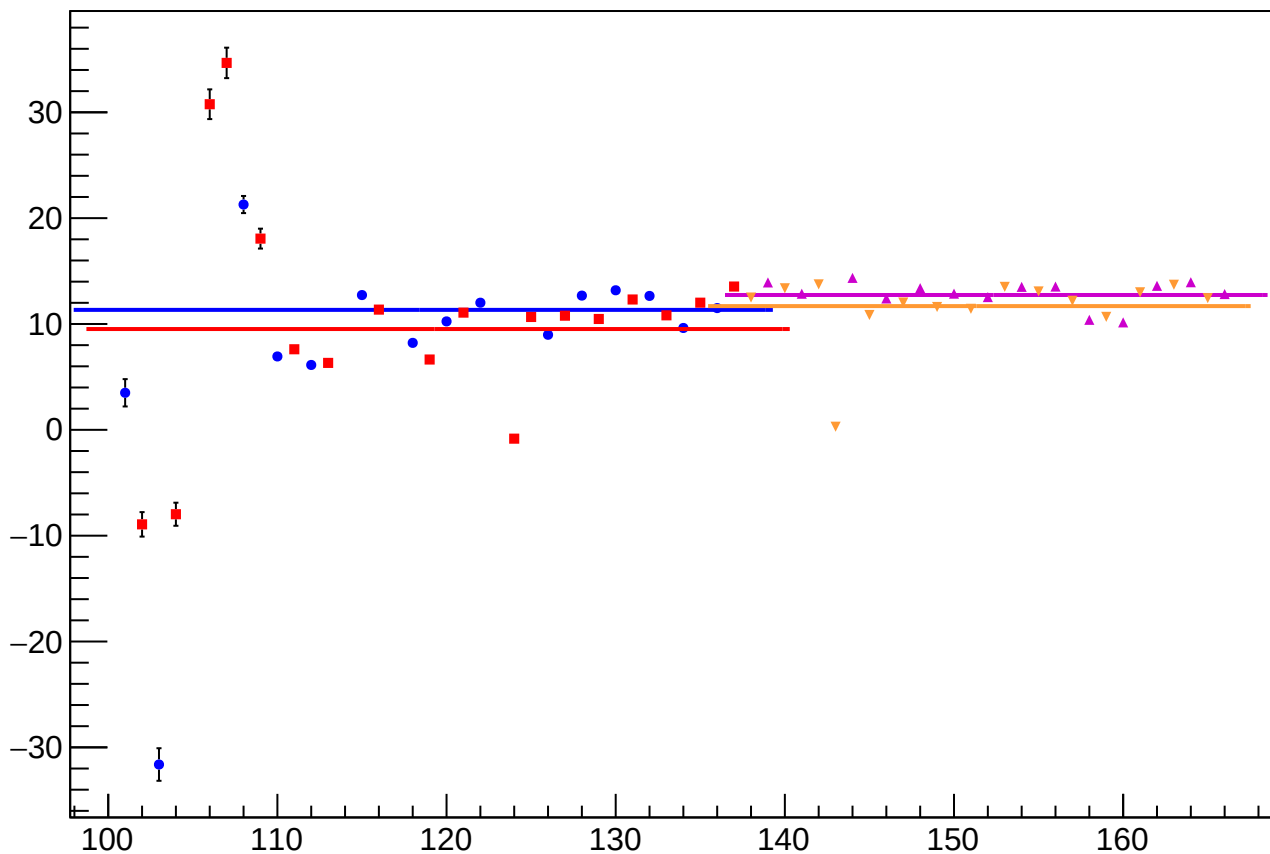
Right: -4.585+/-0.023 χ^2/NDF : 3961708.4/32

In: -14.571+/-0.014 χ^2/NDF : 4217246.2/28

Out: -17.689+/-0.014 χ^2/NDF : 773942.7/32

All: -16.158+/-0.010 χ^2/NDF : 5015623.8/61

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 χ^2/NDF : 2406.0/14

Left Out: 11.690 ± 0.018 χ^2/NDF : 30195.6/14

Right Out: 9.524 ± 0.048 χ^2/NDF : 4066.9/17

Left In: 12.740 ± 0.017 χ^2/NDF : 4906.4/13

Left: 12.269 ± 0.012 χ^2/NDF : 36917.7/28

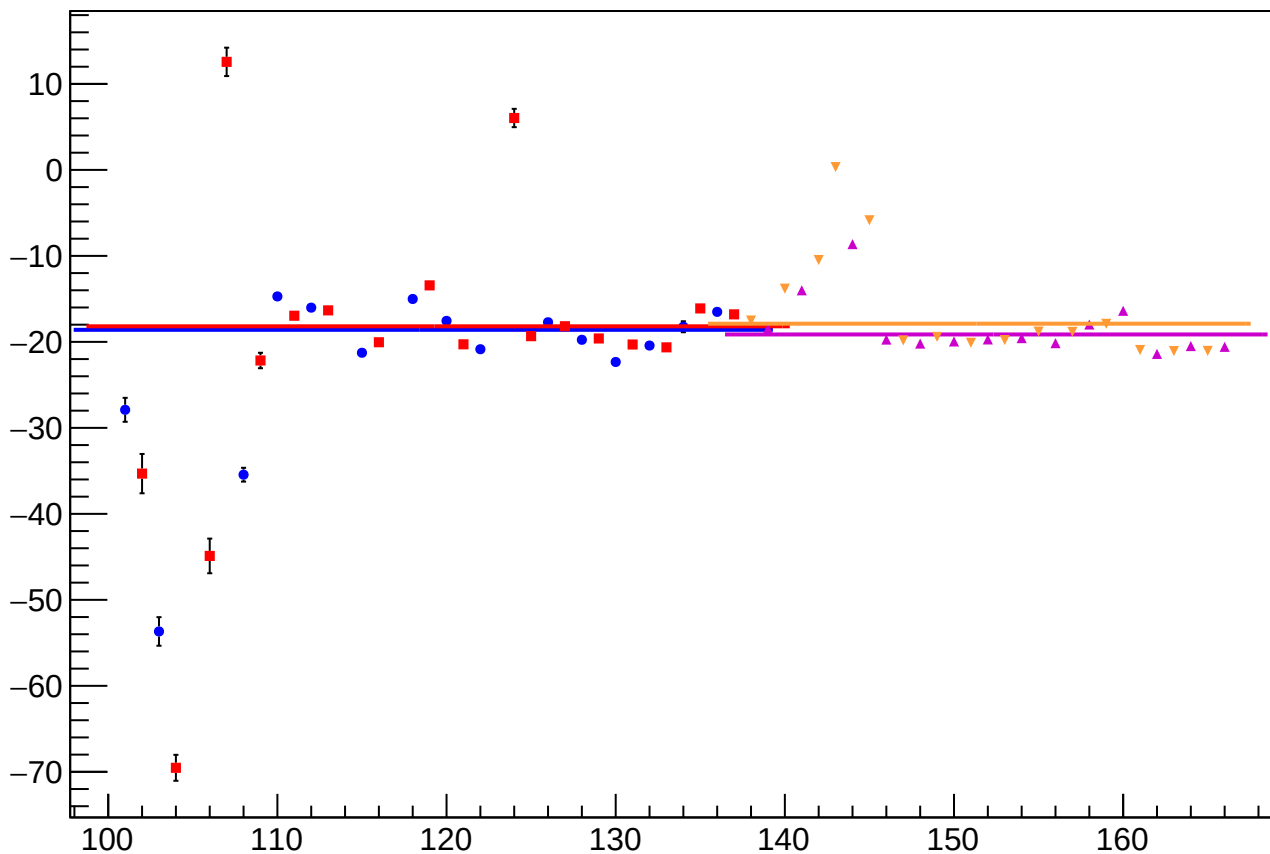
Right: 10.651 ± 0.029 χ^2/NDF : 7358.3/32

In: 12.510 ± 0.015 χ^2/NDF : 8496.6/28

Out: 11.416 ± 0.017 χ^2/NDF : 36040.6/32

All: 12.030 ± 0.011 χ^2/NDF : 46841.0/61

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.885 ± 0.021 $\chi^2/\text{NDF}: 47909.1/14$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.136 ± 0.020 $\chi^2/\text{NDF}: 8694.1/13$

Left: -18.550 ± 0.014 $\chi^2/\text{NDF}: 58513.7/28$

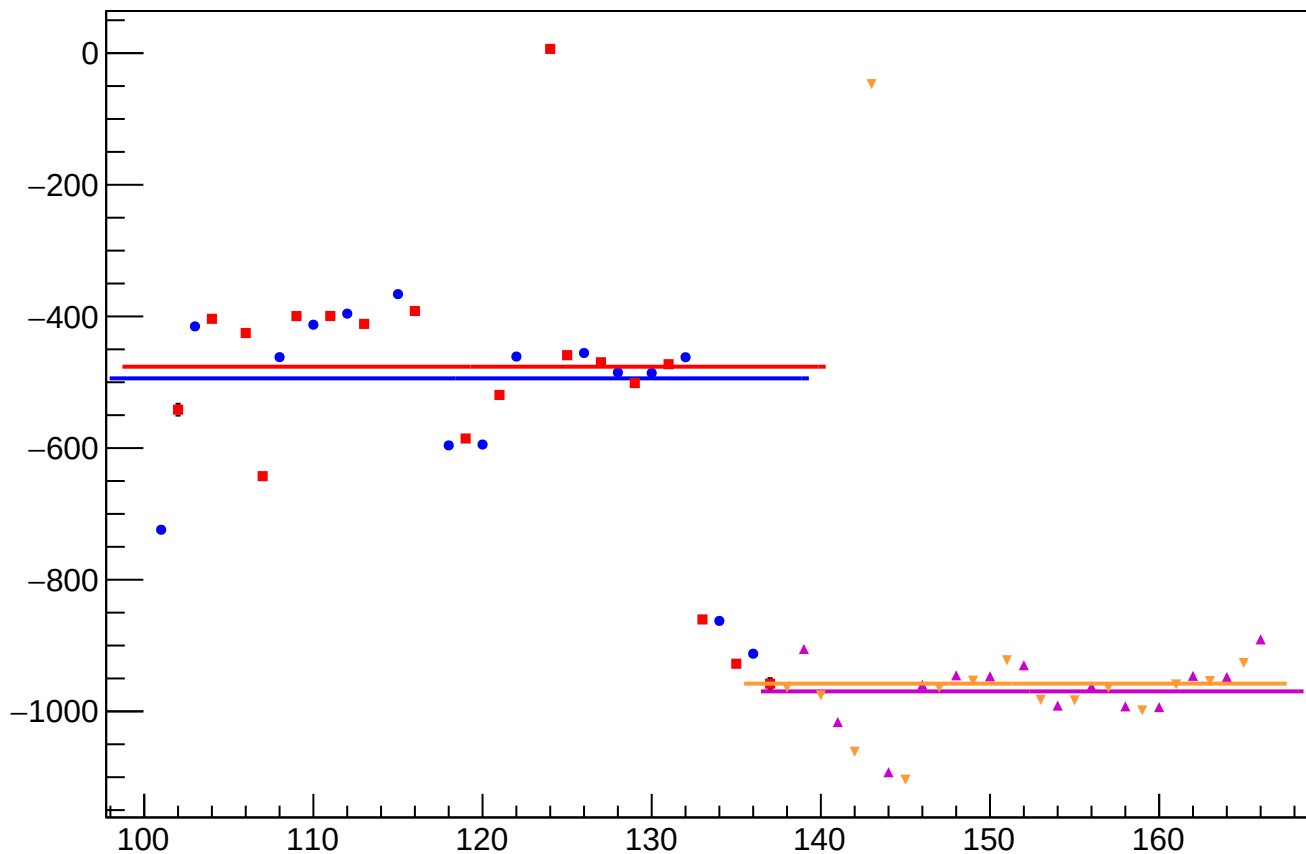
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.019 ± 0.017 $\chi^2/\text{NDF}: 15048.2/28$

Out: -17.931 ± 0.019 $\chi^2/\text{NDF}: 52822.3/32$

All: -18.531 ± 0.013 $\chi^2/\text{NDF}: 69636.6/61$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -957.839 $\pm$ 0.208 χ^2 /NDF:312780.0/14

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -969.641 $\pm$ 0.193 χ^2 /NDF:33286.5/13

Left: -964.186 $\pm$ 0.141 χ^2 /NDF: 347802.6/28

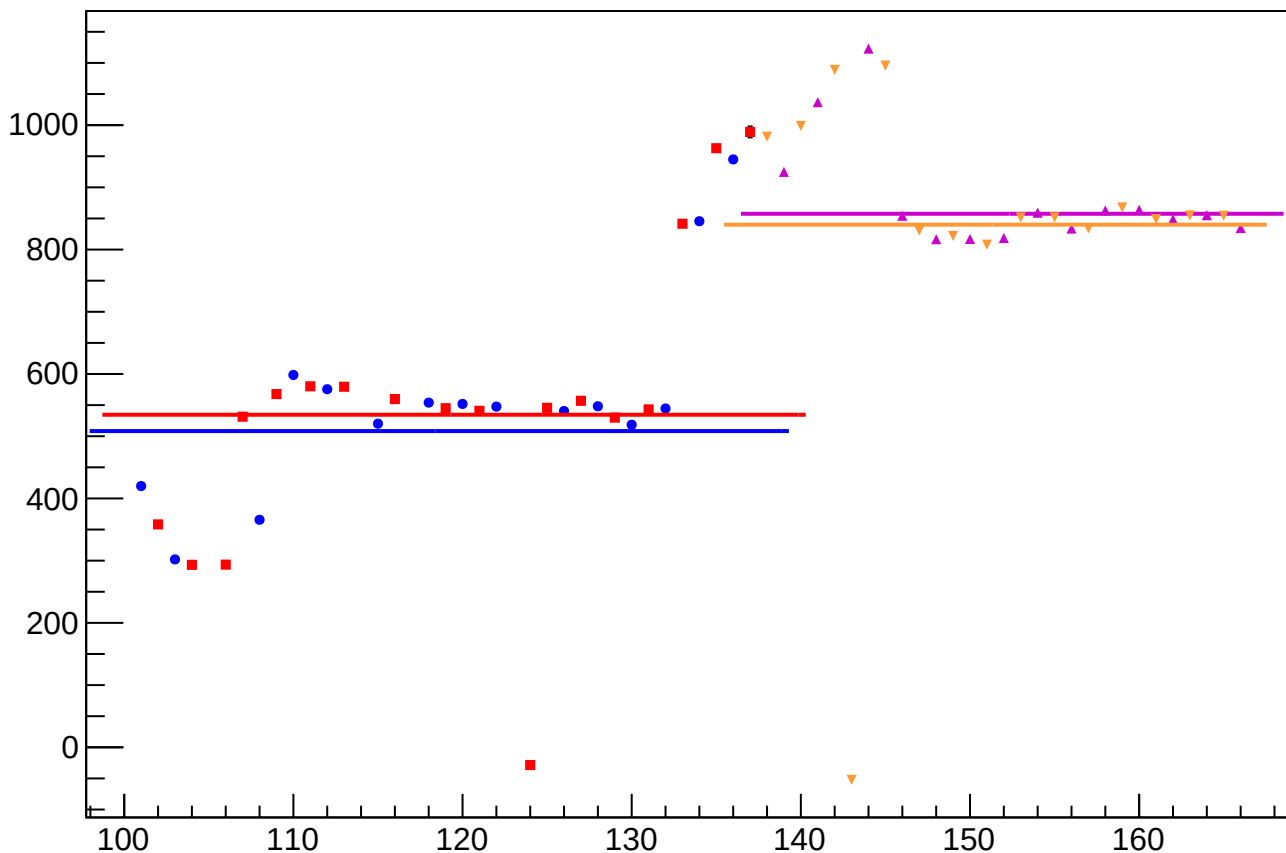
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -775.721 $\pm$ 0.148 χ^2 /NDF:2845599.1/28

Out: -689.495 $\pm$ 0.138 χ^2 /NDF:3901389.8/32

All: -729.599 $\pm$ 0.101 χ^2 /NDF: 6928029.2/61

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 840.041+/-0.164 χ^2/NDF : 414787.1/14

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 857.563+/-0.157 χ^2/NDF : 88135.9/13

Left: 849.226+/-0.113 χ^2/NDF : 508885.8/28

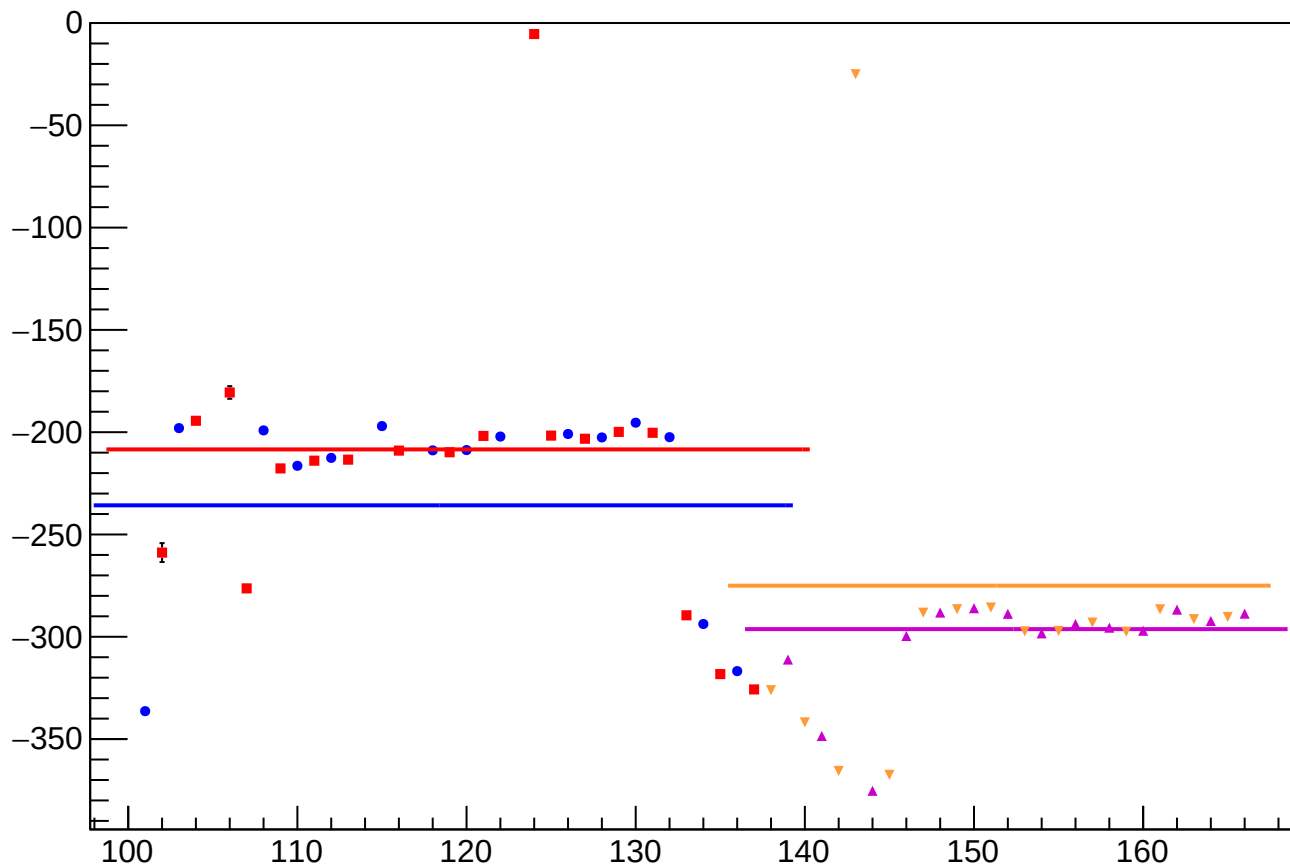
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 741.350+/-0.128 χ^2/NDF : 2184505.0/28

Out: 728.846+/-0.131 χ^2/NDF : 2041678.9/32

All: 735.251+/-0.092 χ^2/NDF : 4230849.1/61

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -275.024 ± 0.027 $\chi^2/\text{NDF}: 6333356.6/14$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -296.257 ± 0.027 $\chi^2/\text{NDF}: 249669.4/13$

Left: -285.817 ± 0.019 $\chi^2/\text{NDF}: 6887429.8/28$

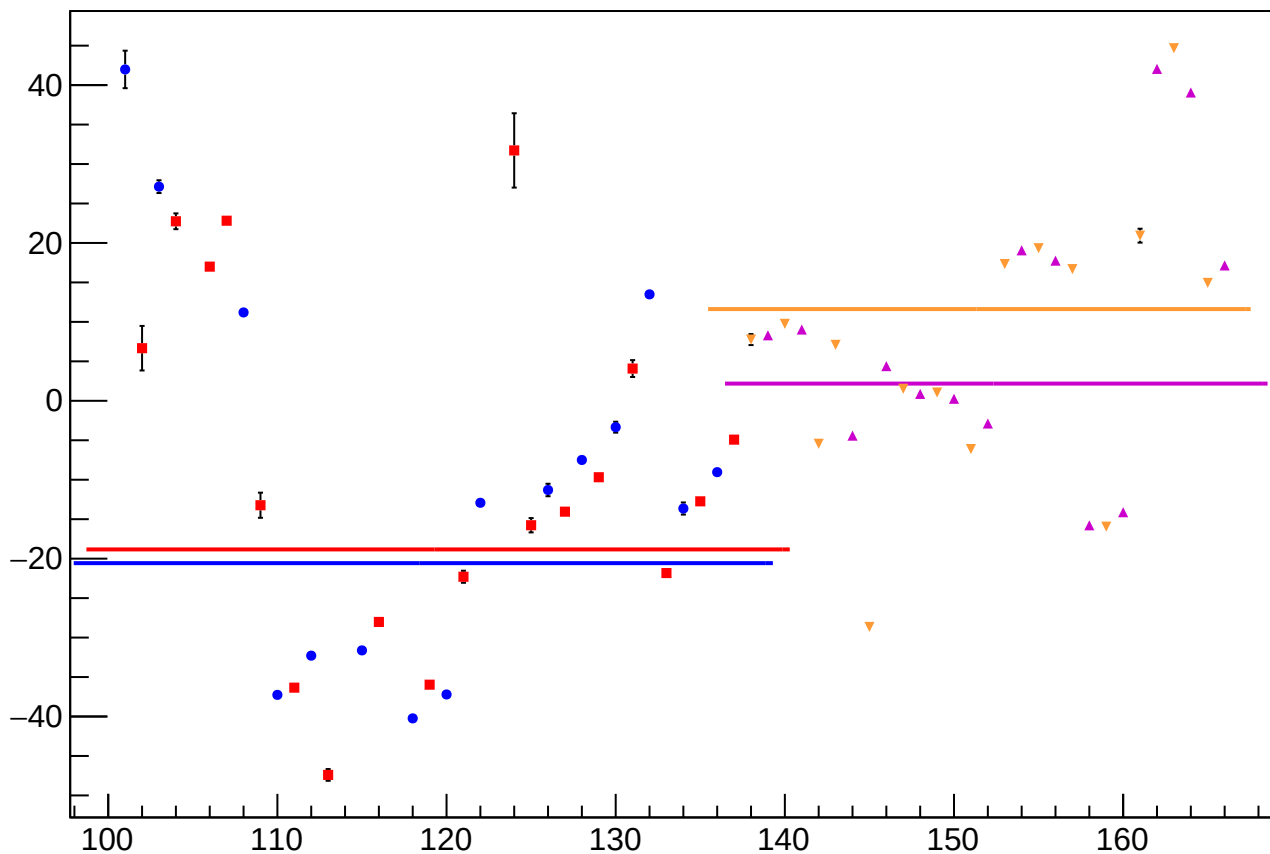
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.594 ± 0.024 $\chi^2/\text{NDF}: 2095046.4/28$

Out: -257.956 ± 0.024 $\chi^2/\text{NDF}: 8218672.8/32$

All: -270.952 ± 0.017 $\chi^2/\text{NDF}: 10932007.1/6$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.622 ± 0.029 χ^2/NDF : 429469.2/14

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.180 ± 0.022 χ^2/NDF : 638960.3/13

Left: 5.642 ± 0.017 χ^2/NDF : 1137380.9/28

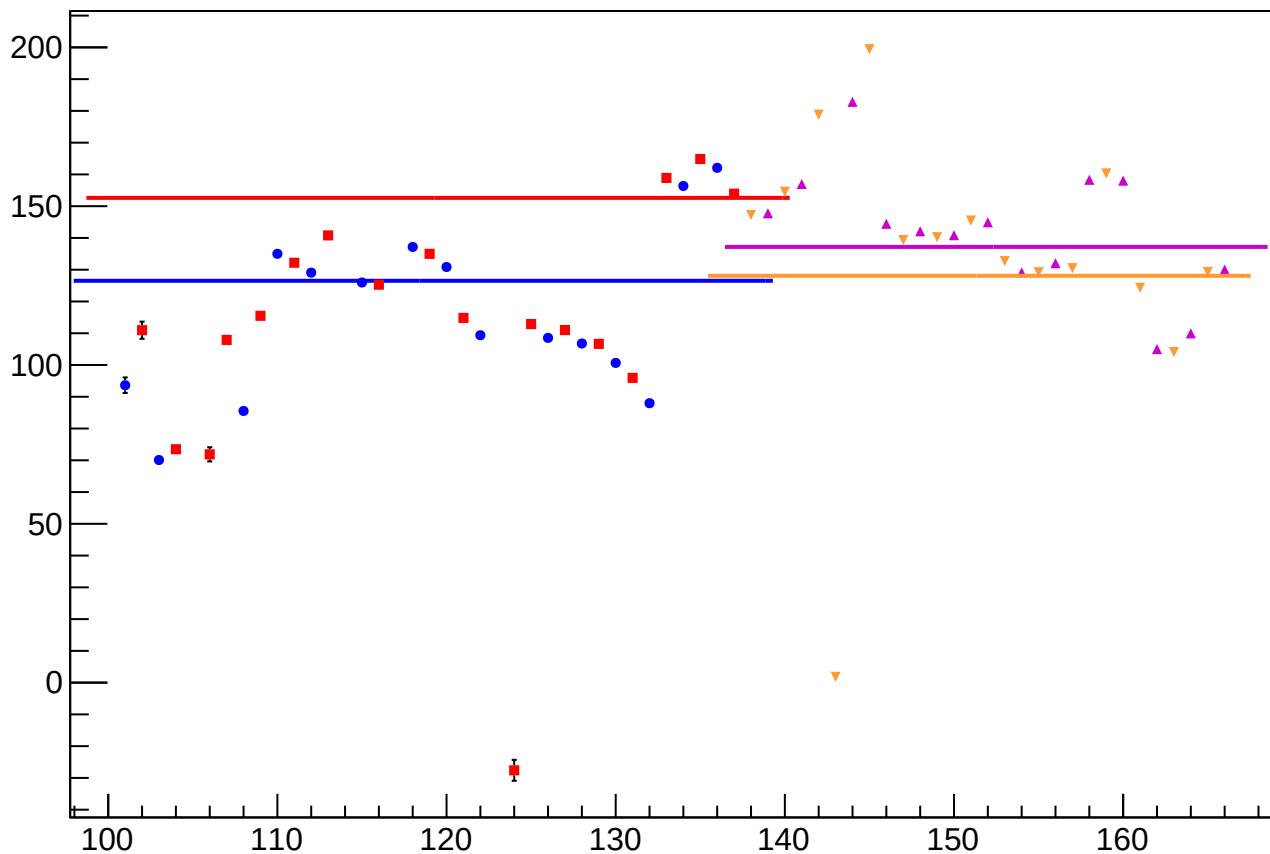
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 0.242 ± 0.021 χ^2/NDF : 795395.4/28

Out: 9.624 ± 0.028 χ^2/NDF : 524606.2/32

All: 3.636 ± 0.017 χ^2/NDF : 1393434.7/61

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.082 $\pm$ 0.035 χ^2 /NDF:602062.7/14

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.177 $\pm$ 0.029 χ^2 /NDF:355965.5/13

Left: 133.456 $\pm$ 0.022 χ^2 /NDF: 997600.6/28

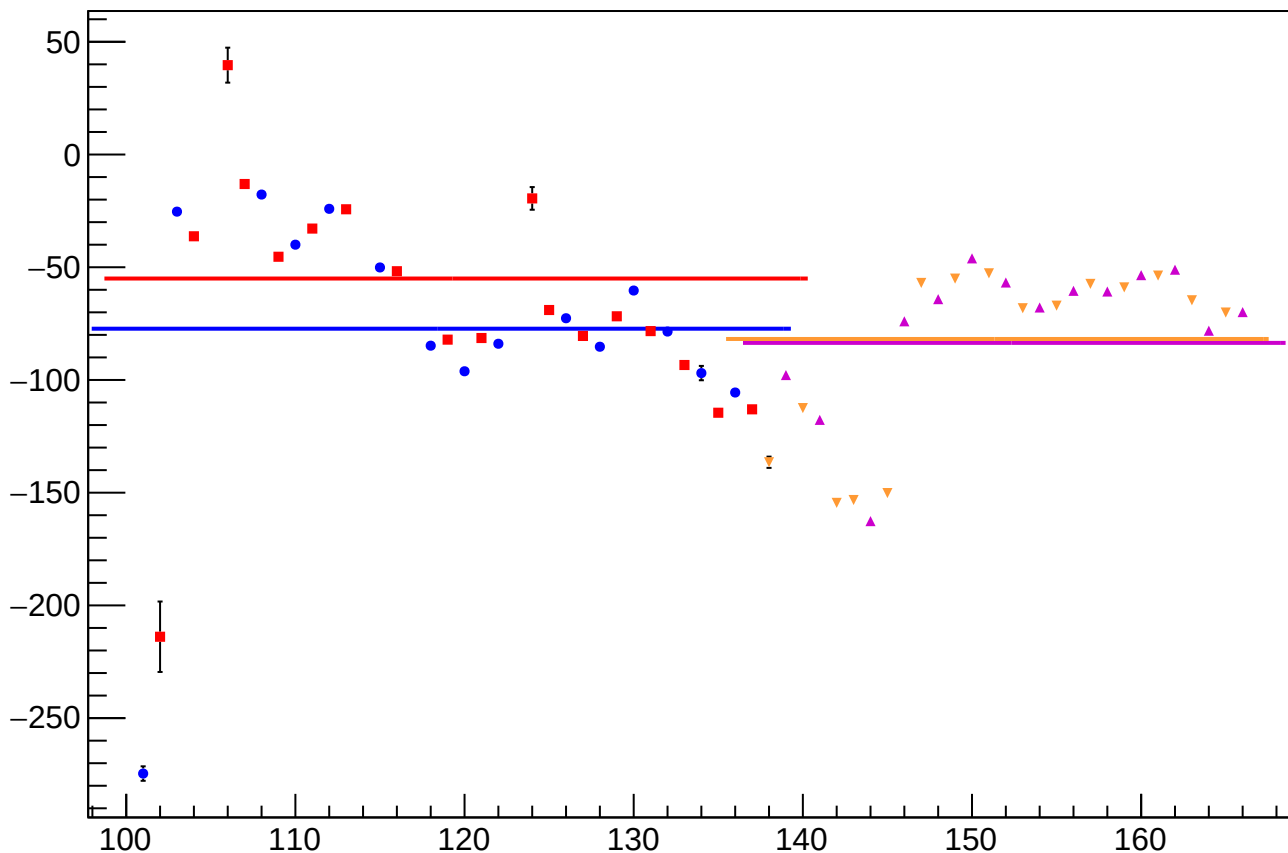
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.024 $\pm$ 0.028 χ^2 /NDF:485295.8/28

Out: 142.136 $\pm$ 0.023 χ^2 /NDF:955326.8/32

All: 139.637 $\pm$ 0.018 χ^2 /NDF: 1469573.6/61

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -81.818 ± 0.152 χ^2/NDF : 56871.0/14

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -83.551 ± 0.151 χ^2/NDF : 57436.0/13

Left: -82.692 ± 0.107 χ^2/NDF : 114372.6/28

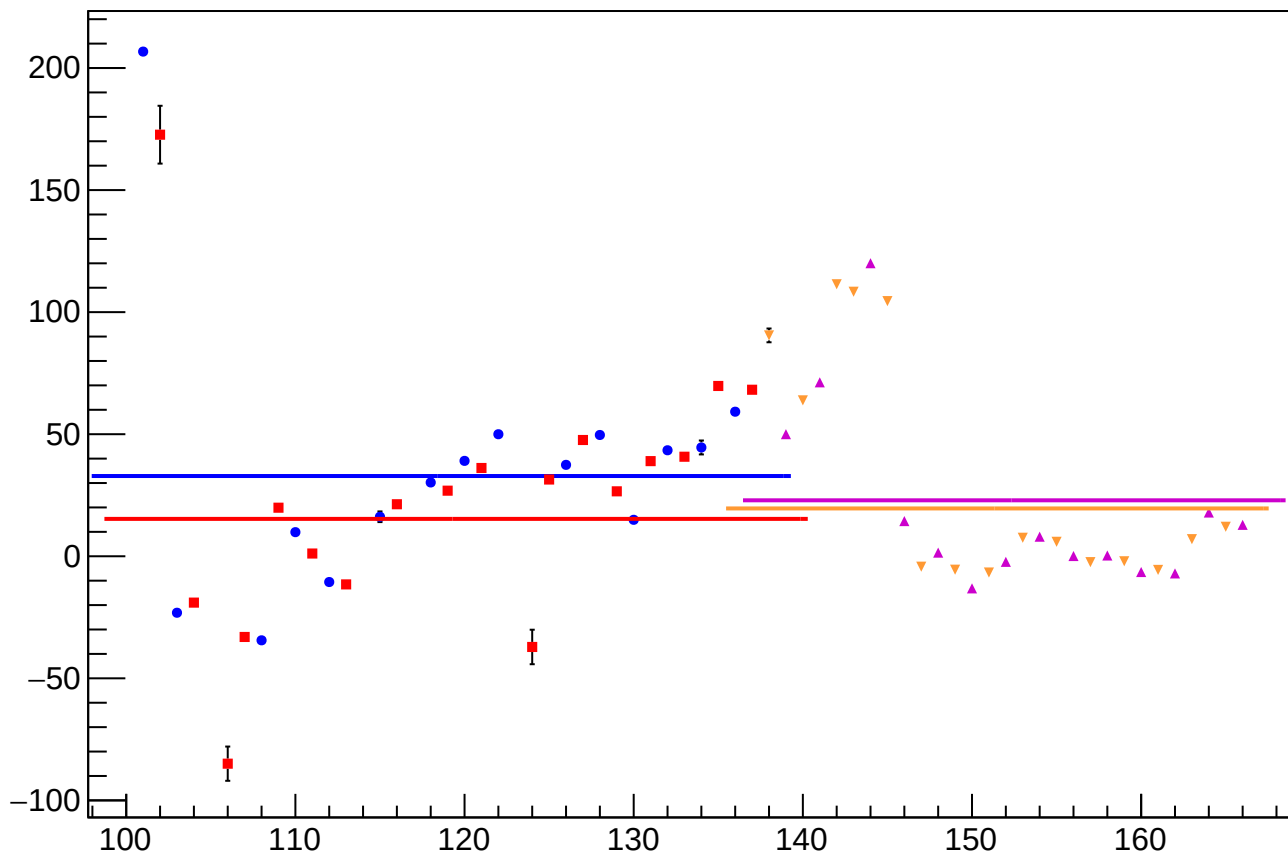
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.317 ± 0.105 χ^2/NDF : 88688.3/28

Out: -71.380 ± 0.119 χ^2/NDF : 92629.0/32

All: -76.394 ± 0.079 χ^2/NDF : 184496.4/61

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 19.588 $\pm$ 0.131 χ^2 /NDF:89014.6/14

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 22.921 $\pm$ 0.133 χ^2 /NDF:86505.5/13

Left: 21.238 $\pm$ 0.093 χ^2 /NDF: 175838.8/28

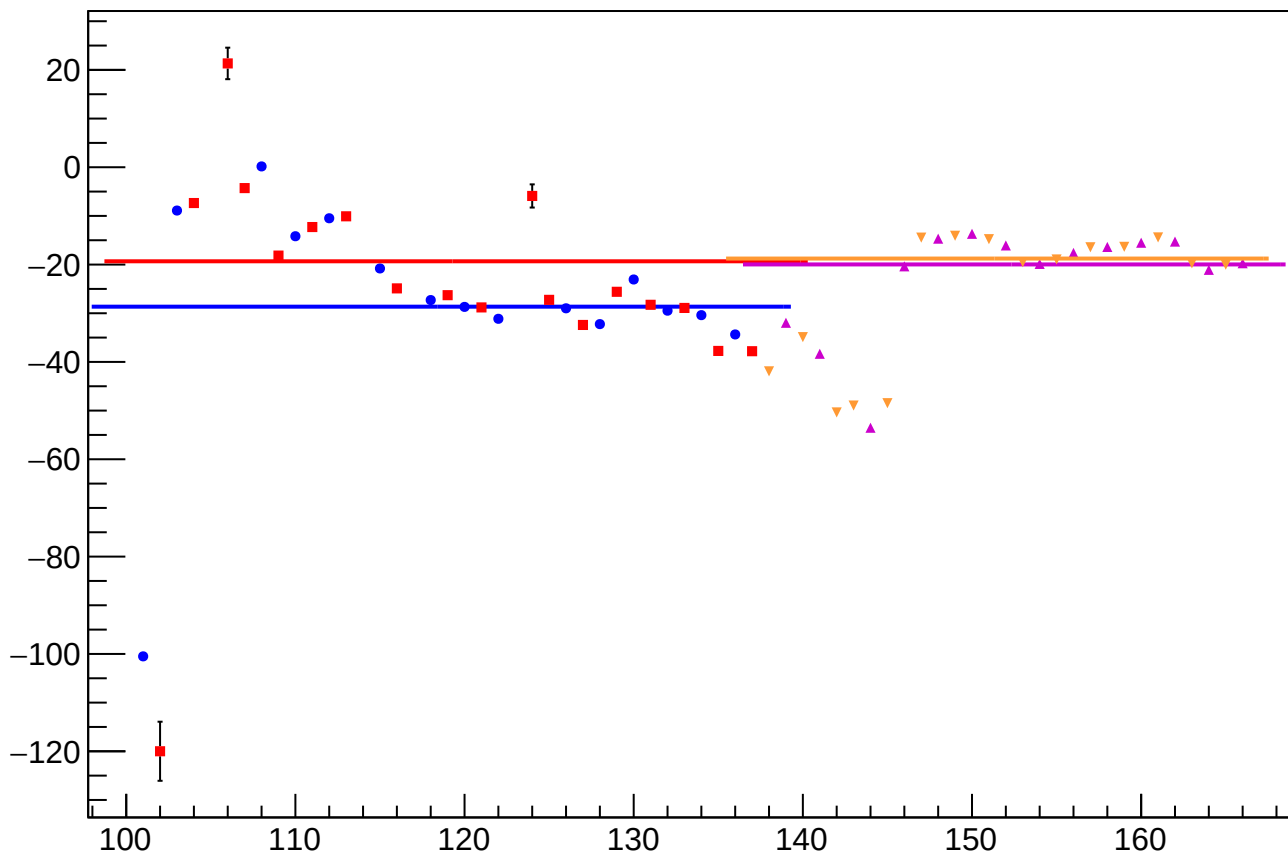
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 27.421 $\pm$ 0.098 χ^2 /NDF:120441.0/28

Out: 18.382 $\pm$ 0.111 χ^2 /NDF:106059.7/32

All: 23.465 $\pm$ 0.074 χ^2 /NDF: 230208.4/61

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.762 ± 0.017 $\chi^2/\text{NDF}: 223218.8/14$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.970 ± 0.018 $\chi^2/\text{NDF}: 193143.2/13$

Left: -19.347 ± 0.012 $\chi^2/\text{NDF}: 418805.2/28$

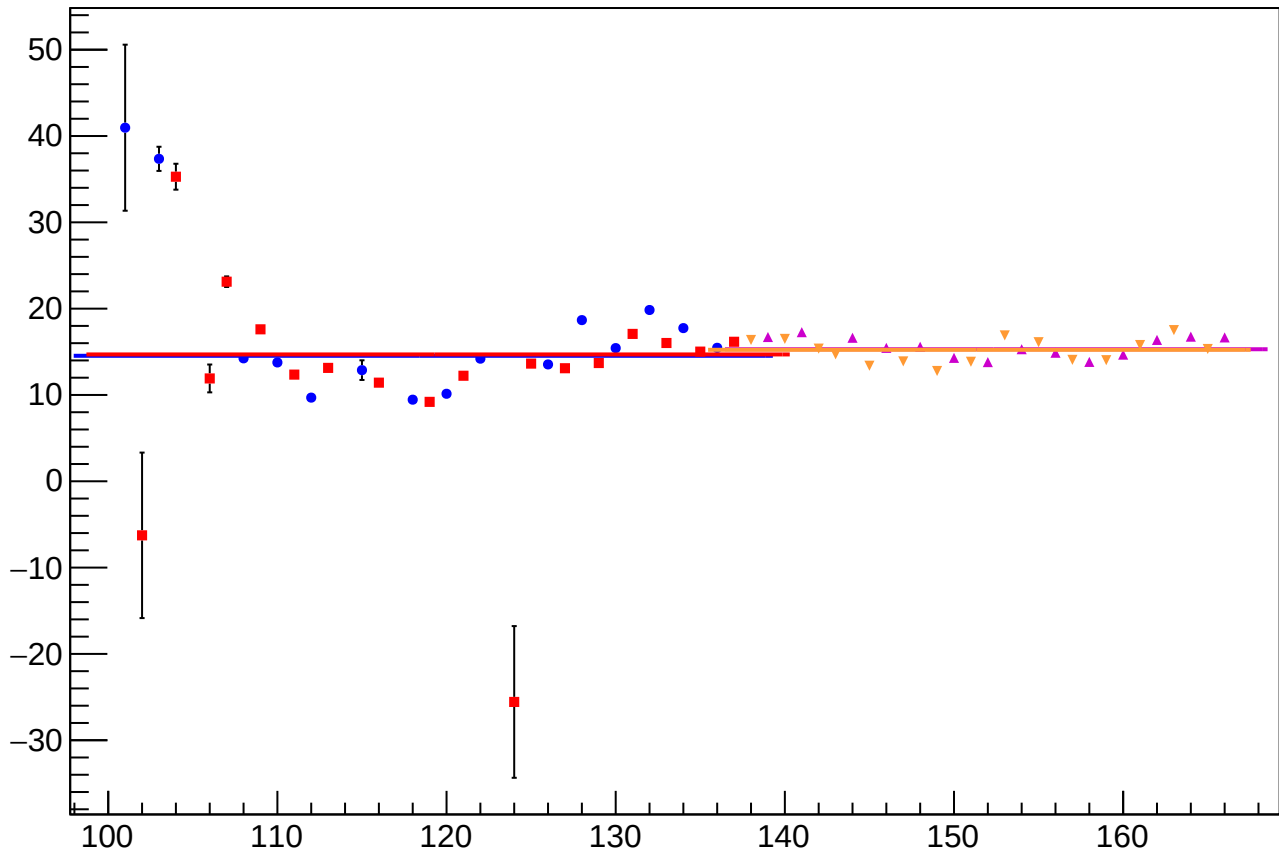
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.775 ± 0.016 $\chi^2/\text{NDF}: 357373.2/28$

Out: -18.851 ± 0.016 $\chi^2/\text{NDF}: 279969.8/32$

All: -20.311 ± 0.011 $\chi^2/\text{NDF}: 654876.2/61$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.233+/-0.017 χ^2/NDF : 6301.8/14

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.297+/-0.017 χ^2/NDF : 4438.8/13

Left: 15.265+/-0.012 χ^2/NDF : 10747.9/28

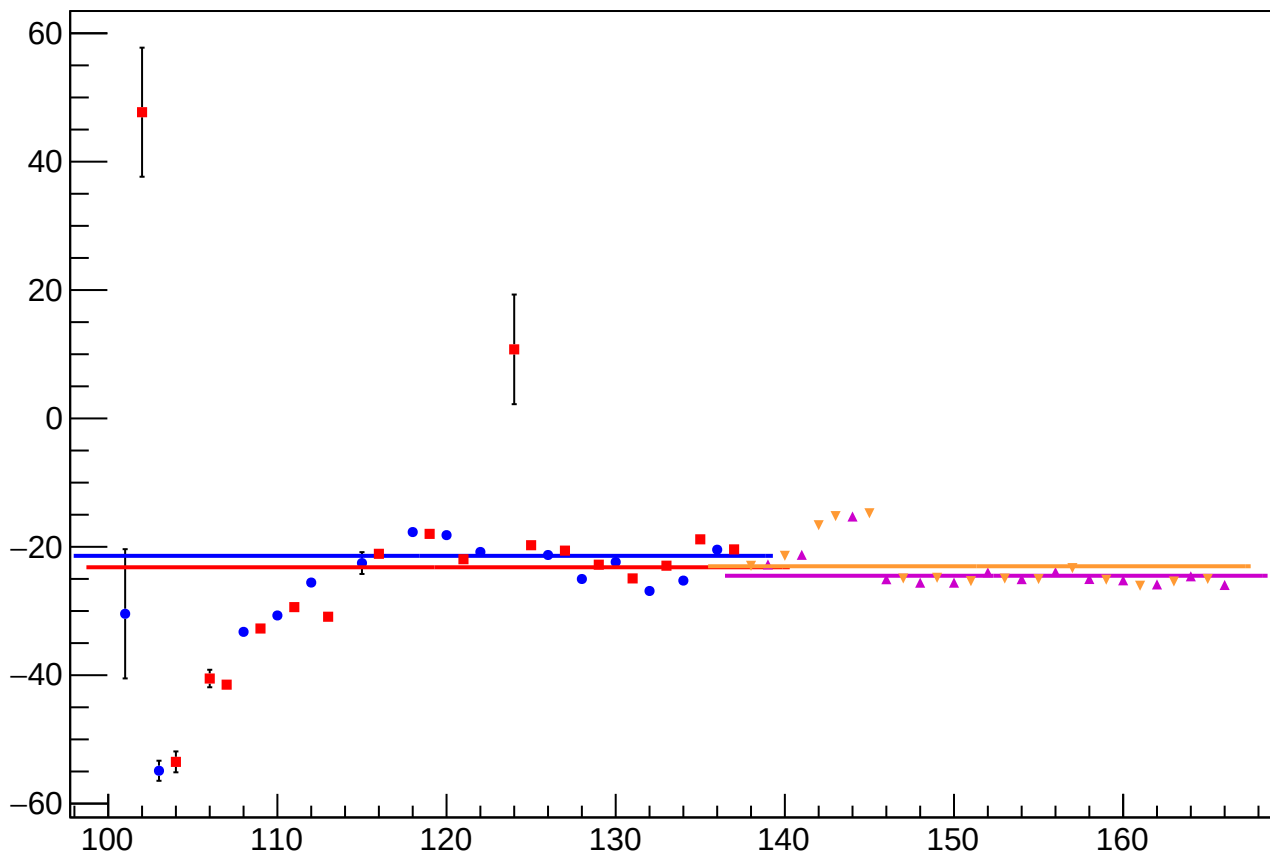
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.118+/-0.014 χ^2/NDF : 17004.0/28

Out: 15.162+/-0.016 χ^2/NDF : 8067.3/32

All: 15.138+/-0.011 χ^2/NDF : 25075.6/61

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.029 ± 0.021 $\chi^2/\text{NDF}: 29625.5/14$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.508 ± 0.020 $\chi^2/\text{NDF}: 7950.7/13$

Left: -23.831 ± 0.014 $\chi^2/\text{NDF}: 40169.1/28$

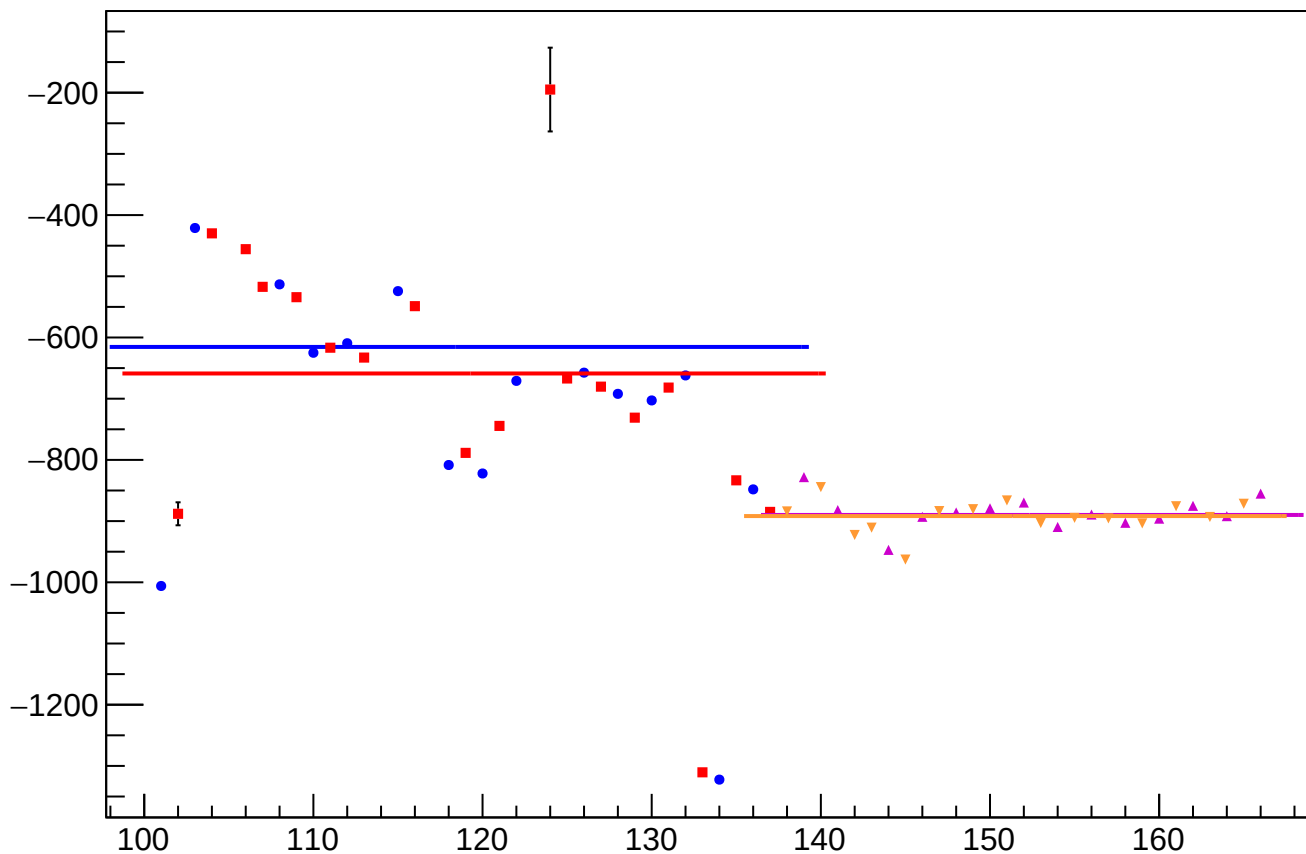
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.783 ± 0.017 $\chi^2/\text{NDF}: 23464.3/28$

Out: -23.053 ± 0.020 $\chi^2/\text{NDF}: 38760.4/32$

All: -23.468 ± 0.013 $\chi^2/\text{NDF}: 63003.5/61$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.766+/-0.170 χ^2/NDF : 12772.3/14

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.955+/-0.150 χ^2/NDF : 14788.5/13

Left: -890.745+/-0.112 χ^2/NDF : 27624.7/28

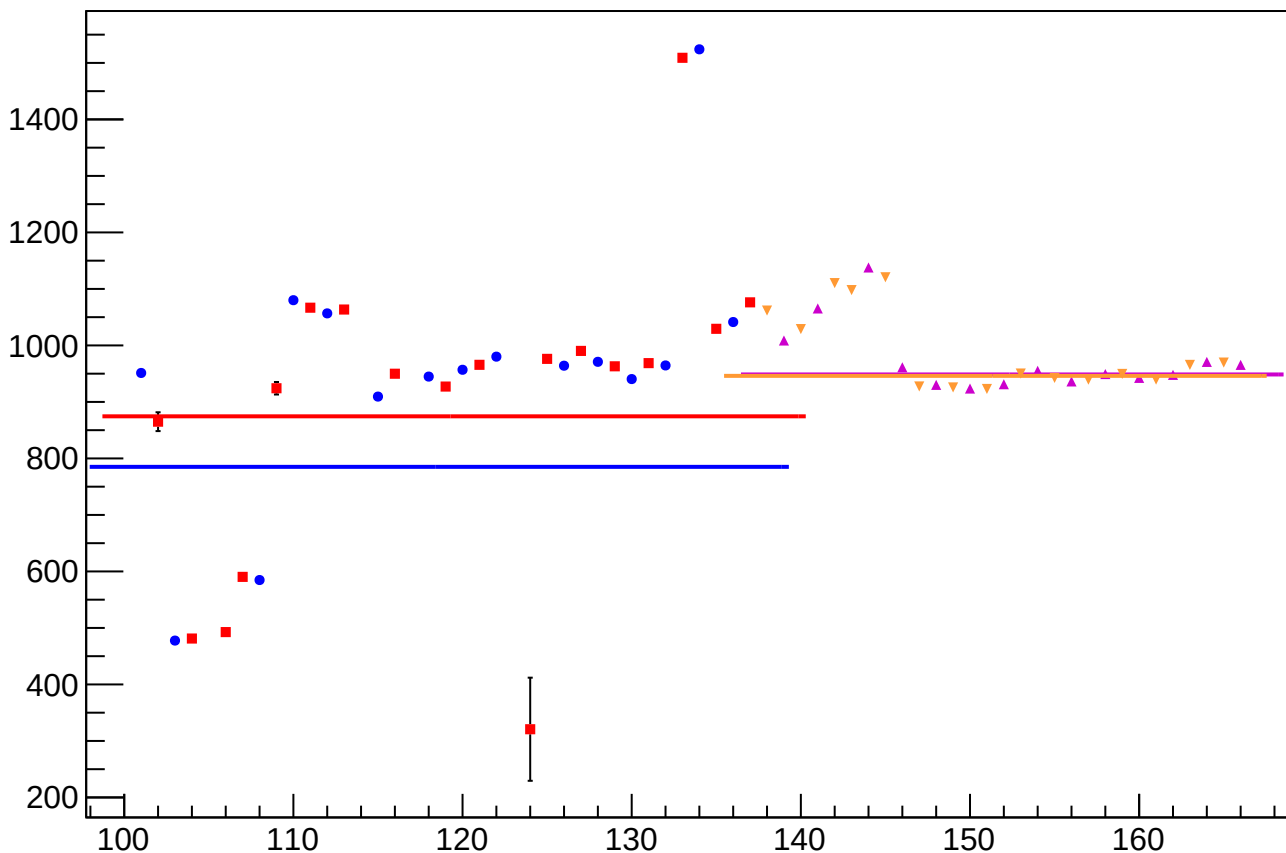
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -812.051+/-0.127 χ^2/NDF : 1353815.2/28

Out: -820.578+/-0.142 χ^2/NDF : 971869.2/32

All: -815.836+/-0.094 χ^2/NDF : 2327699.0/61

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 946.131 $\pm$ 0.137 χ^2 /NDF: 69998.2/14

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 948.602 $\pm$ 0.122 χ^2 /NDF: 75224.9/13

Left: 947.507 $\pm$ 0.091 χ^2 /NDF: 145403.5/28

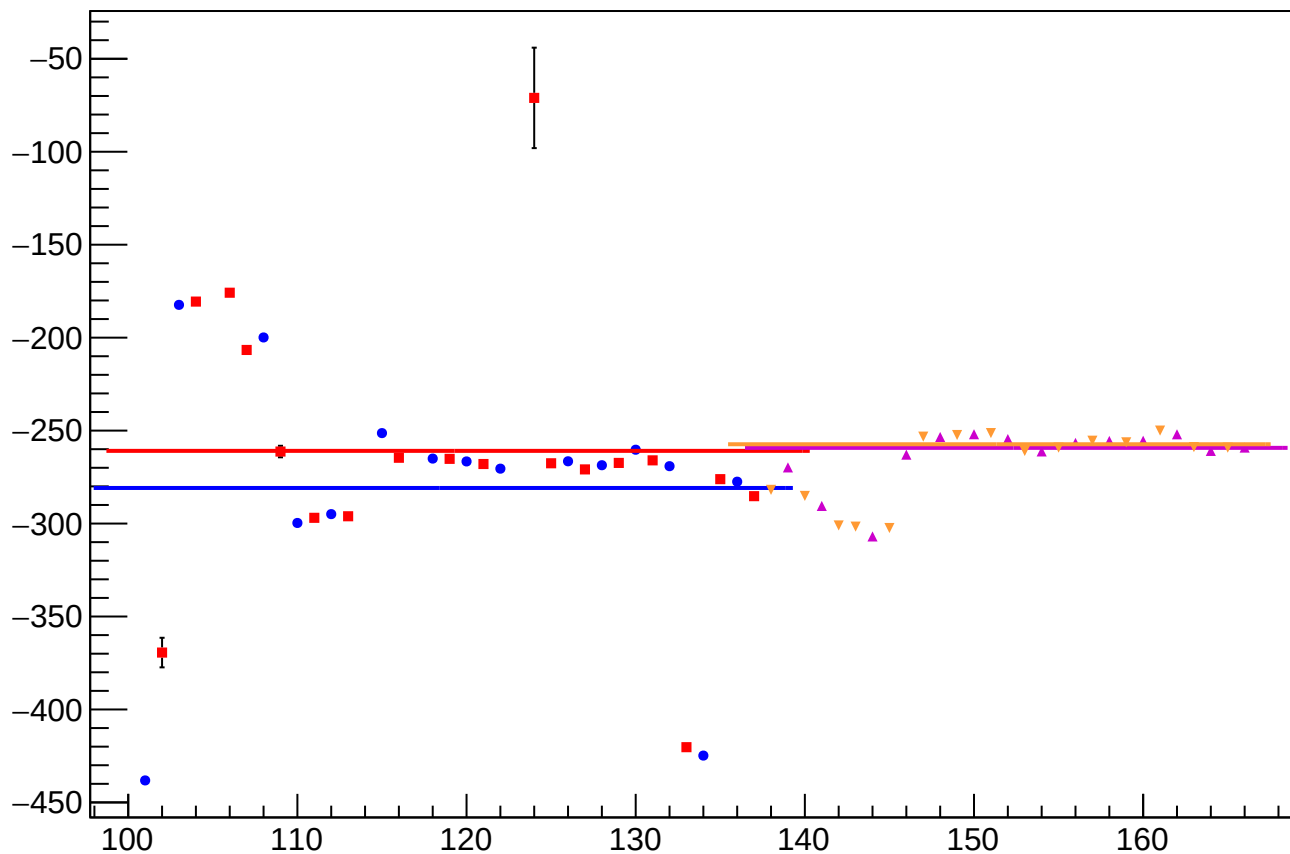
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 911.995 $\pm$ 0.108 χ^2 /NDF: 1360377.3/28

Out: 930.631 $\pm$ 0.122 χ^2 /NDF: 971439.6/32

All: 920.209 $\pm$ 0.081 χ^2 /NDF: 2344965.7/61

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2 /NDF: 873611.1/14

Left Out: -257.342+/-0.023 χ^2 /NDF:168142.5/14

Right Out: -260.897+/-0.068 χ^2 /NDF: 347717.5/17

Left In: -259.281+/-0.022 χ^2 /NDF:186787.4/13

Left: -258.354+/-0.016 χ^2 /NDF: 358735.1/28

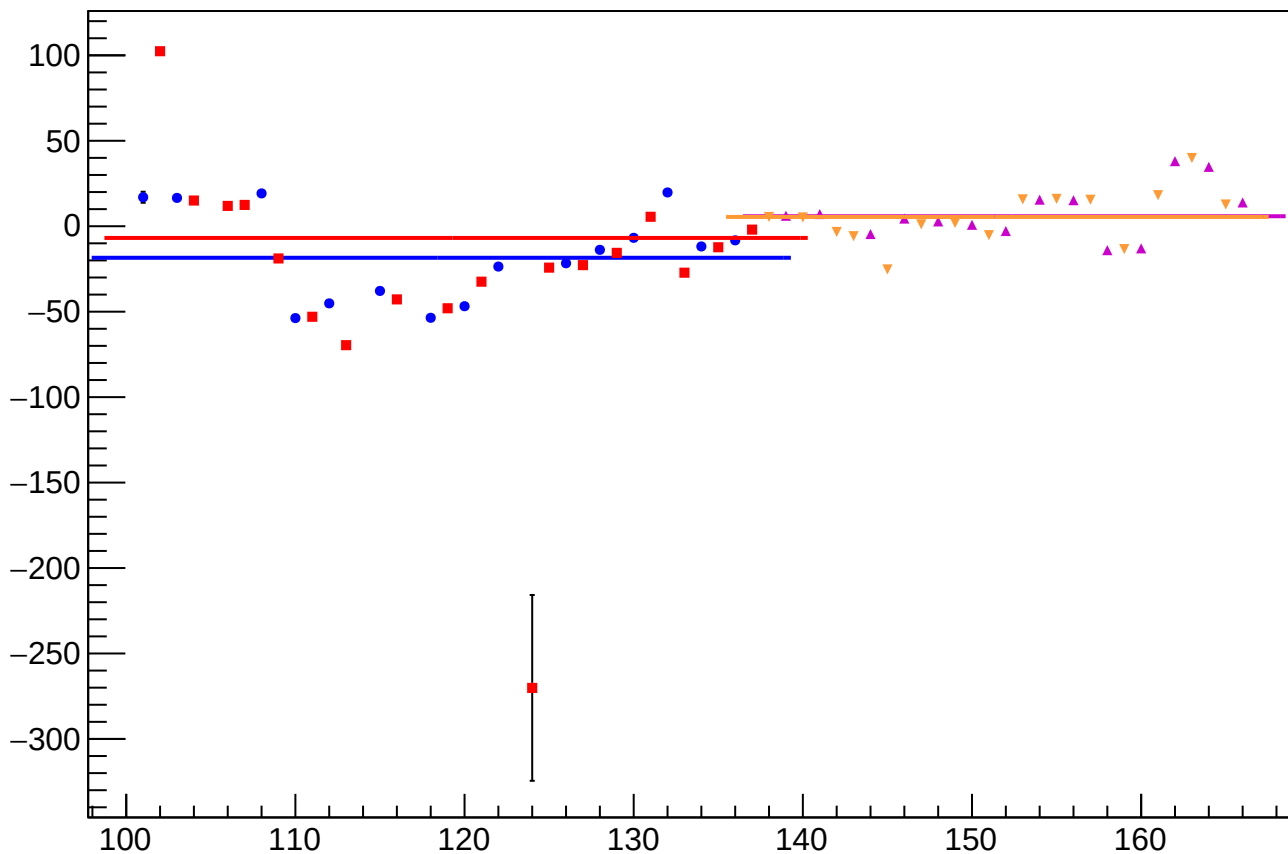
Right: -272.298+/-0.044 χ^2 /NDF: 1271185.3/32

In: -261.898+/-0.020 χ^2 /NDF:1179782.1/28

Out: -257.703+/-0.022 χ^2 /NDF:518347.4/32

All: -259.914+/-0.015 χ^2 /NDF: 1718156.4/61

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 $\pm$ 0.091 χ^2/NDF : 46574.6/14

Left Out: 5.448 $\pm$ 0.027 χ^2/NDF :321654.0/14

Right Out: -6.843 $\pm$ 0.065 χ^2/NDF : 50023.0/17

Left In: 5.849 $\pm$ 0.021 χ^2/NDF :409933.9/13

Left: 5.691 $\pm$ 0.017 χ^2/NDF : 731725.0/28

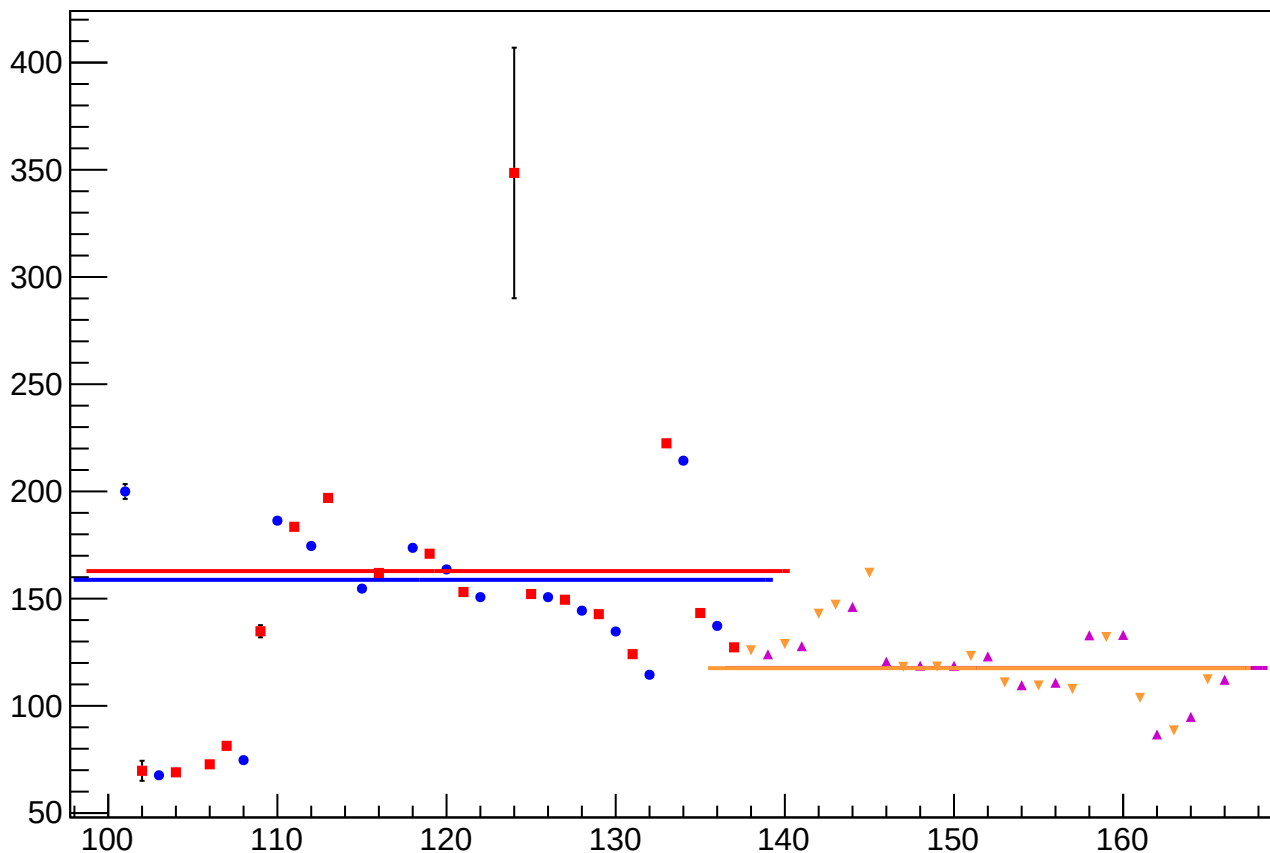
Right: -10.715 $\pm$ 0.053 χ^2/NDF : 107378.5/32

In: 4.574 $\pm$ 0.021 χ^2/NDF :523677.1/28

Out: 3.657 $\pm$ 0.025 χ^2/NDF :402627.9/32

All: 4.190 $\pm$ 0.016 χ^2/NDF : 927109.6/61

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 117.591 $\pm$ 0.031 χ^2 /NDF:187637.2/14

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 117.673 $\pm$ 0.027 χ^2 /NDF:260550.1/13

Left: 117.638 $\pm$ 0.020 χ^2 /NDF: 448191.1/28

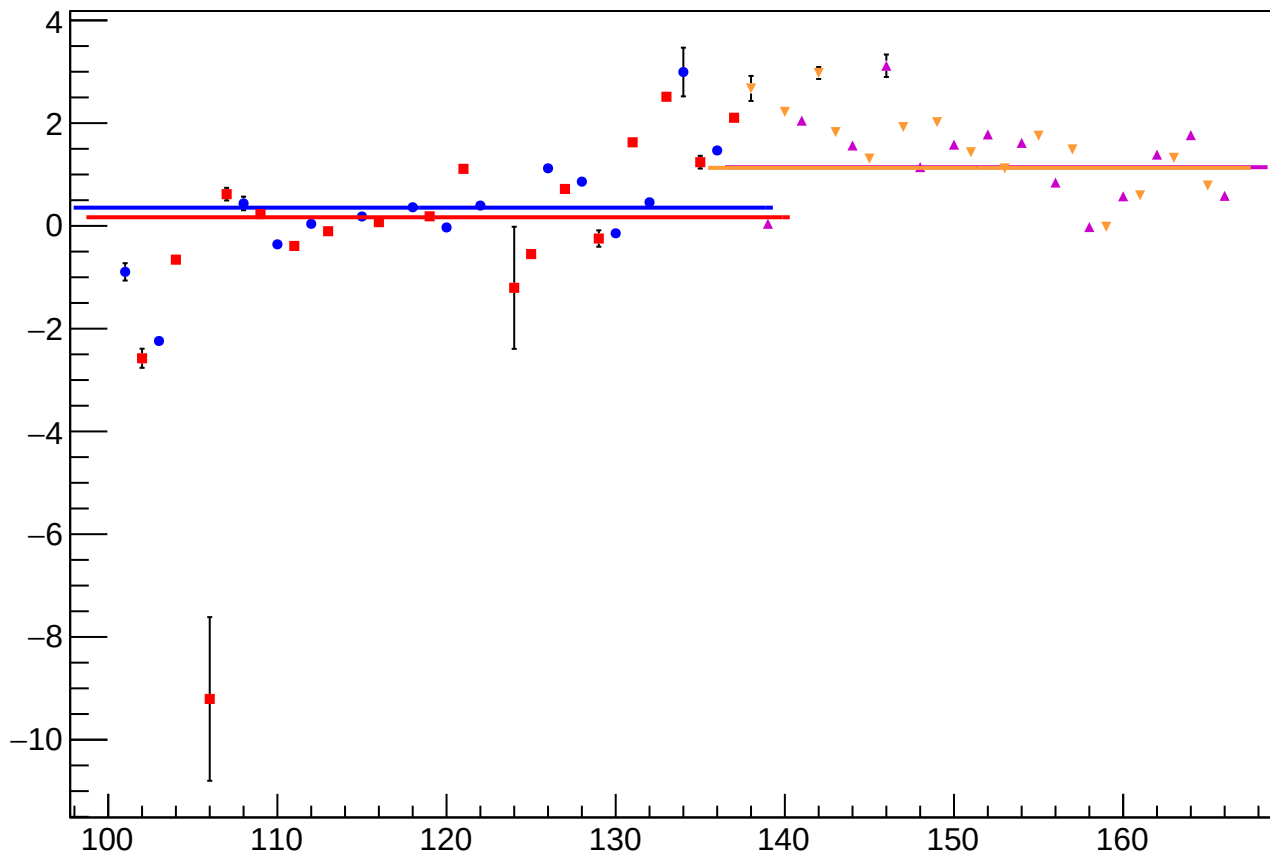
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 121.192 $\pm$ 0.026 χ^2 /NDF:617621.2/28

Out: 122.115 $\pm$ 0.029 χ^2 /NDF:555814.9/32

All: 121.593 $\pm$ 0.019 χ^2 /NDF: 1173990.3/61

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.130 ± 0.012 $\chi^2/\text{NDF}: 4803.4/14$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.143 ± 0.009 $\chi^2/\text{NDF}: 6382.9/13$

Left: 1.138 ± 0.007 $\chi^2/\text{NDF}: 11187.1/28$

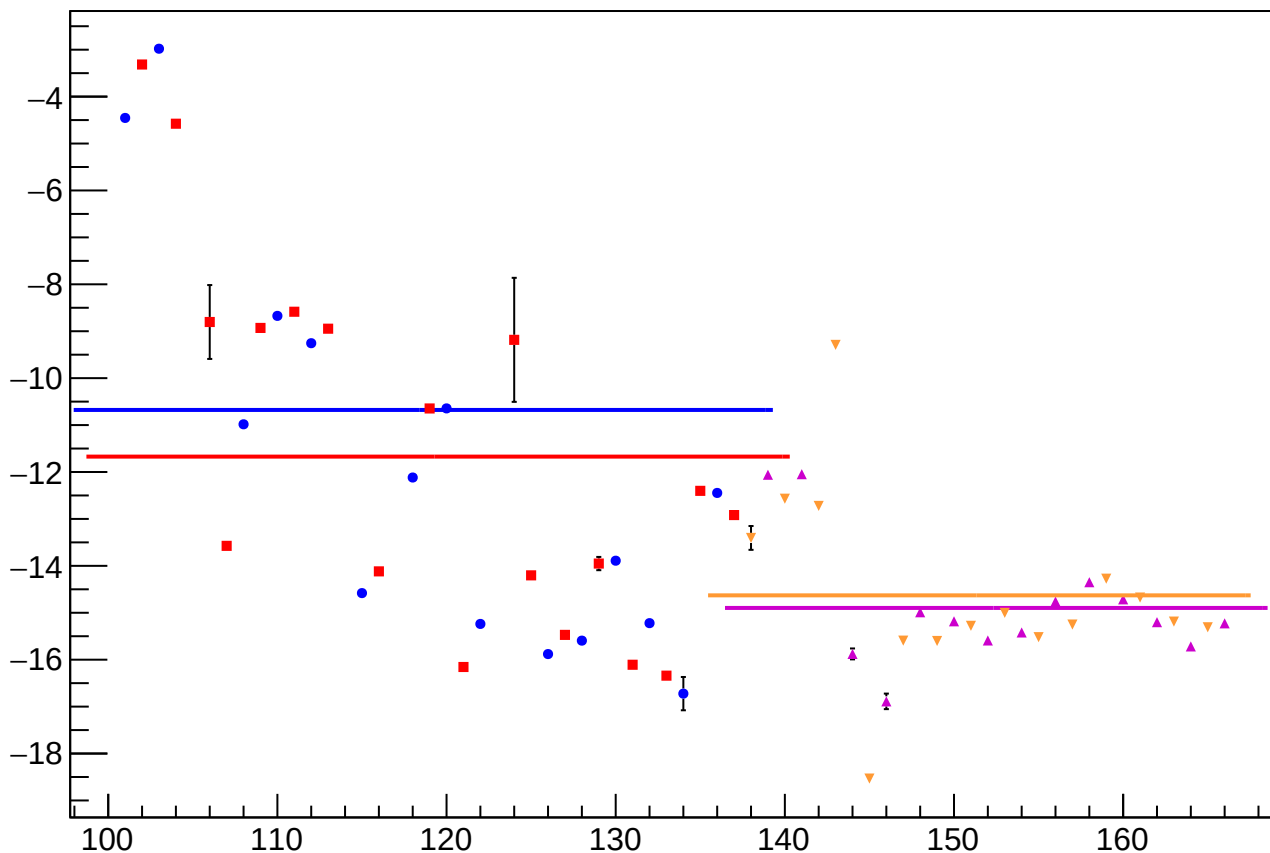
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.865 ± 0.007 $\chi^2/\text{NDF}: 13301.0/28$

Out: 0.456 ± 0.006 $\chi^2/\text{NDF}: 14141.8/32$

All: 0.643 ± 0.005 $\chi^2/\text{NDF}: 29310.5/61$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.629 ± 0.010 $\chi^2/\text{NDF}: 29631.1/14$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.897 ± 0.008 $\chi^2/\text{NDF}: 11844.6/13$

Left: -14.792 ± 0.006 $\chi^2/\text{NDF}: 41947.6/28$

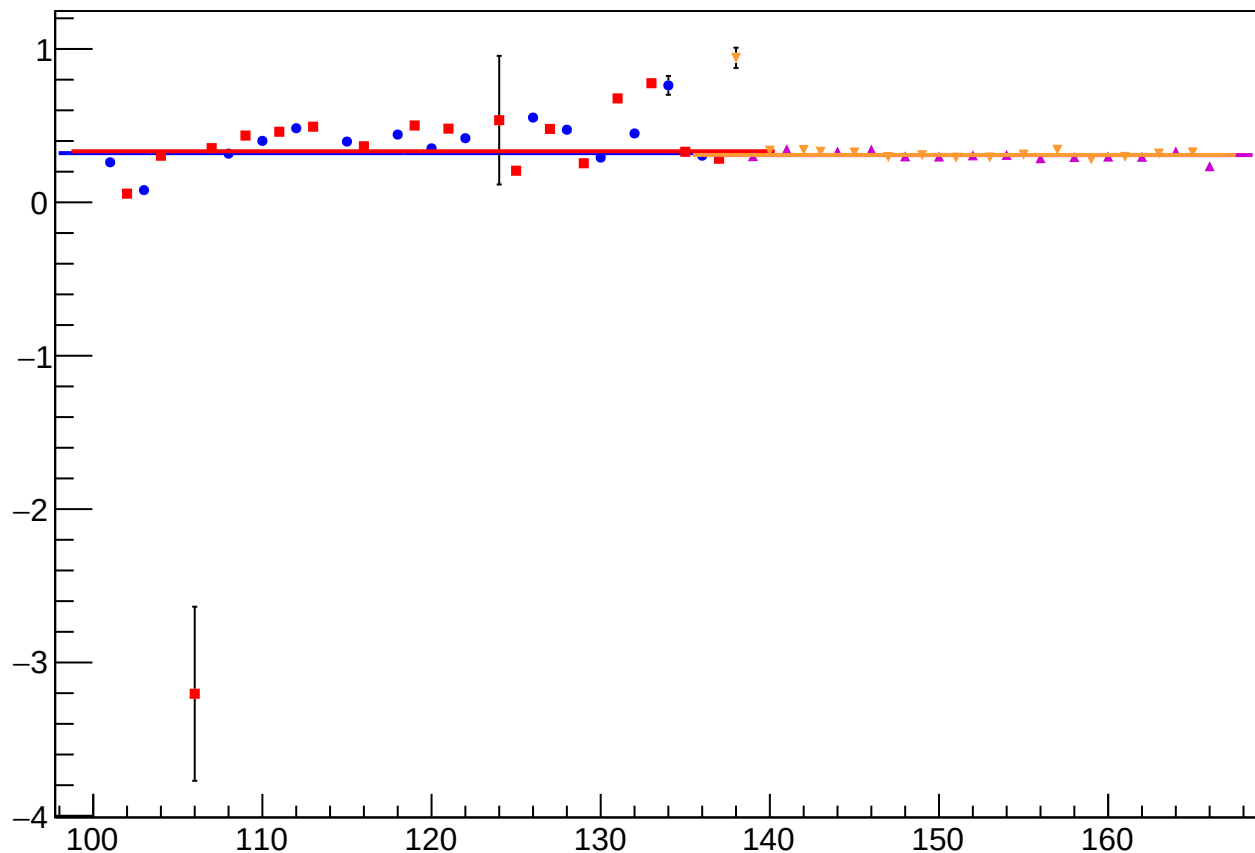
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.373 ± 0.006 $\chi^2/\text{NDF}: 346273.7/28$

Out: -13.427 ± 0.007 $\chi^2/\text{NDF}: 175770.7/32$

All: -13.395 ± 0.005 $\chi^2/\text{NDF}: 522076.0/61$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.309+/-0.000 χ^2/NDF : 3968.8/14

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2527.7/13

Left: 0.309+/-0.000 χ^2/NDF : 6500.6/28

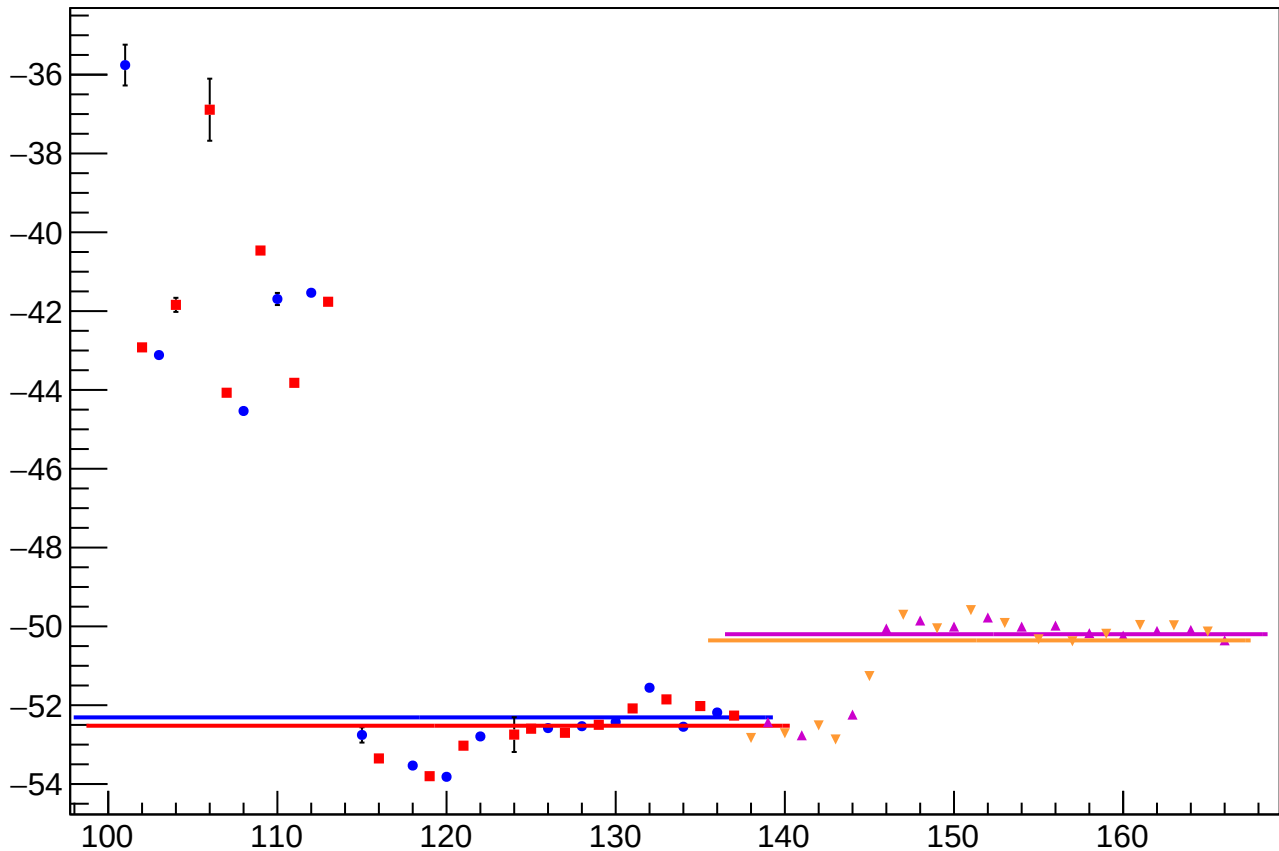
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6713.0/28

Out: 0.310+/-0.000 χ^2/NDF : 8485.2/32

All: 0.310+/-0.000 χ^2/NDF : 15204.7/61

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.356 ± 0.002 χ^2/NDF : 225870.0/14

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.199 ± 0.002 χ^2/NDF : 155444.7/13

Left: -50.259 ± 0.001 χ^2/NDF : 385183.7/28

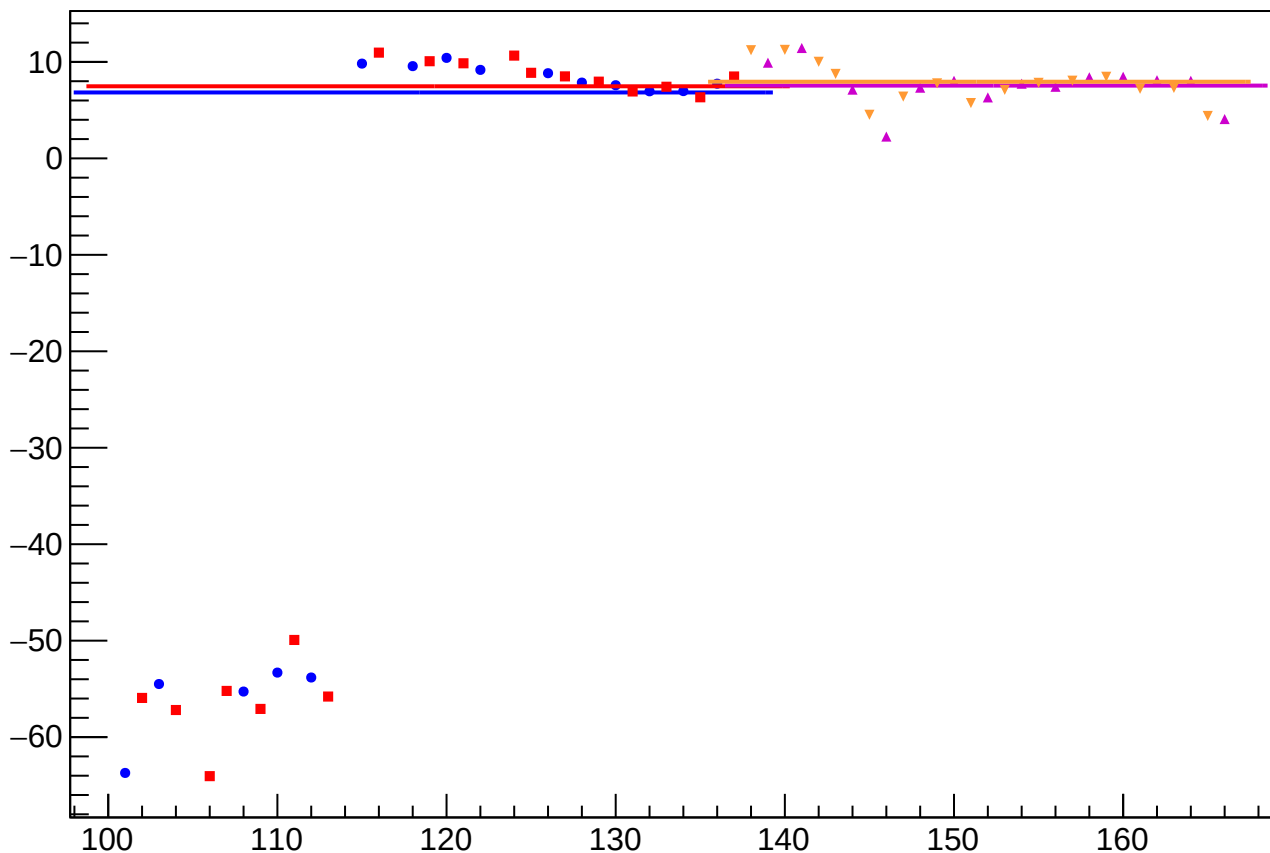
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.436 ± 0.001 χ^2/NDF : 411776.7/28

Out: -50.692 ± 0.002 χ^2/NDF : 489193.1/32

All: -50.539 ± 0.001 χ^2/NDF : 912893.1/61

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.946 ± 0.005 $\chi^2/\text{NDF}: 80444.0/14$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.544 ± 0.004 $\chi^2/\text{NDF}: 106324.7/13$

Left: 7.703 ± 0.003 $\chi^2/\text{NDF}: 191451.7/28$

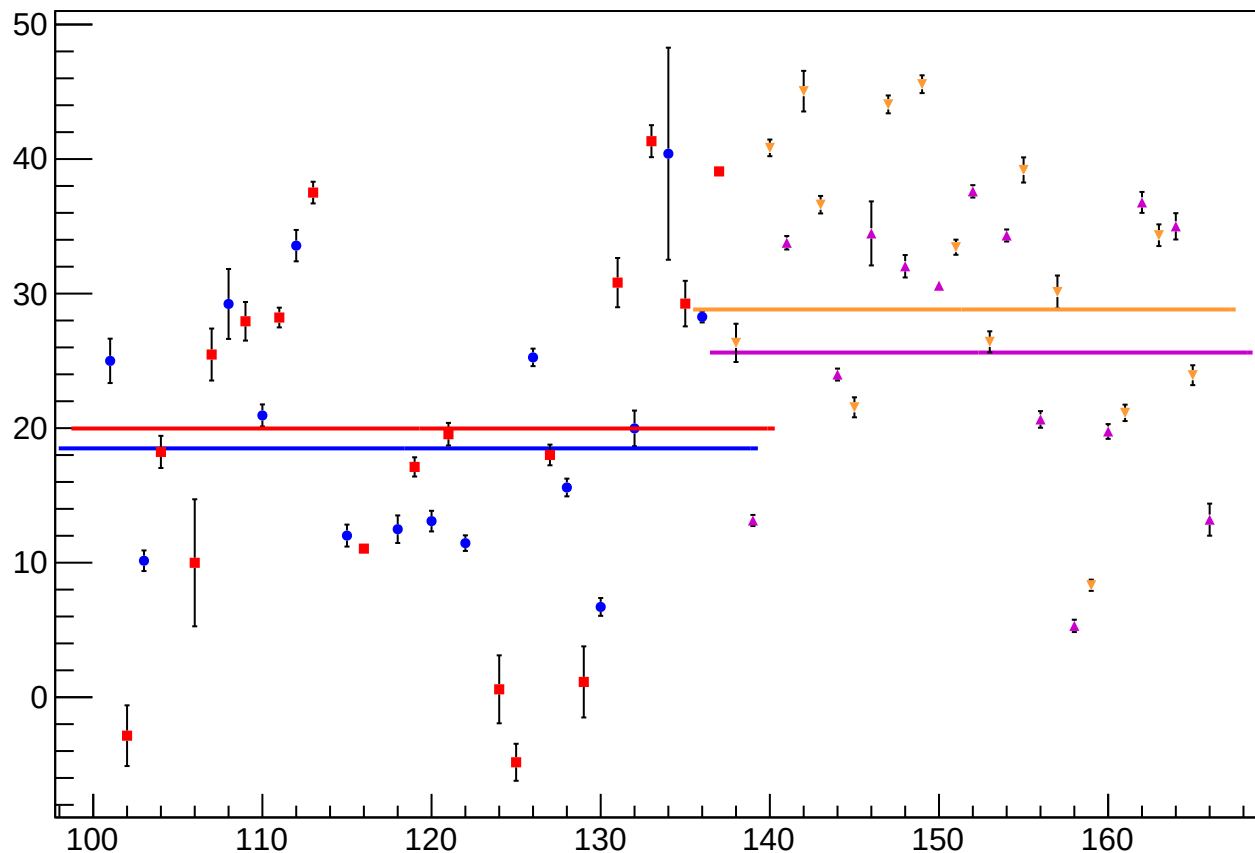
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.298 ± 0.003 $\chi^2/\text{NDF}: 1109779.5/28$

Out: 7.854 ± 0.004 $\chi^2/\text{NDF}: 1278020.7/32$

All: 7.491 ± 0.002 $\chi^2/\text{NDF}: 2399853.5/61$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 28.819 $\pm$ 0.181 χ^2 /NDF:4765.4/14

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 25.619 $\pm$ 0.142 χ^2 /NDF:5093.4/13

Left: 26.838 $\pm$ 0.111 χ^2 /NDF: 10053.2/28

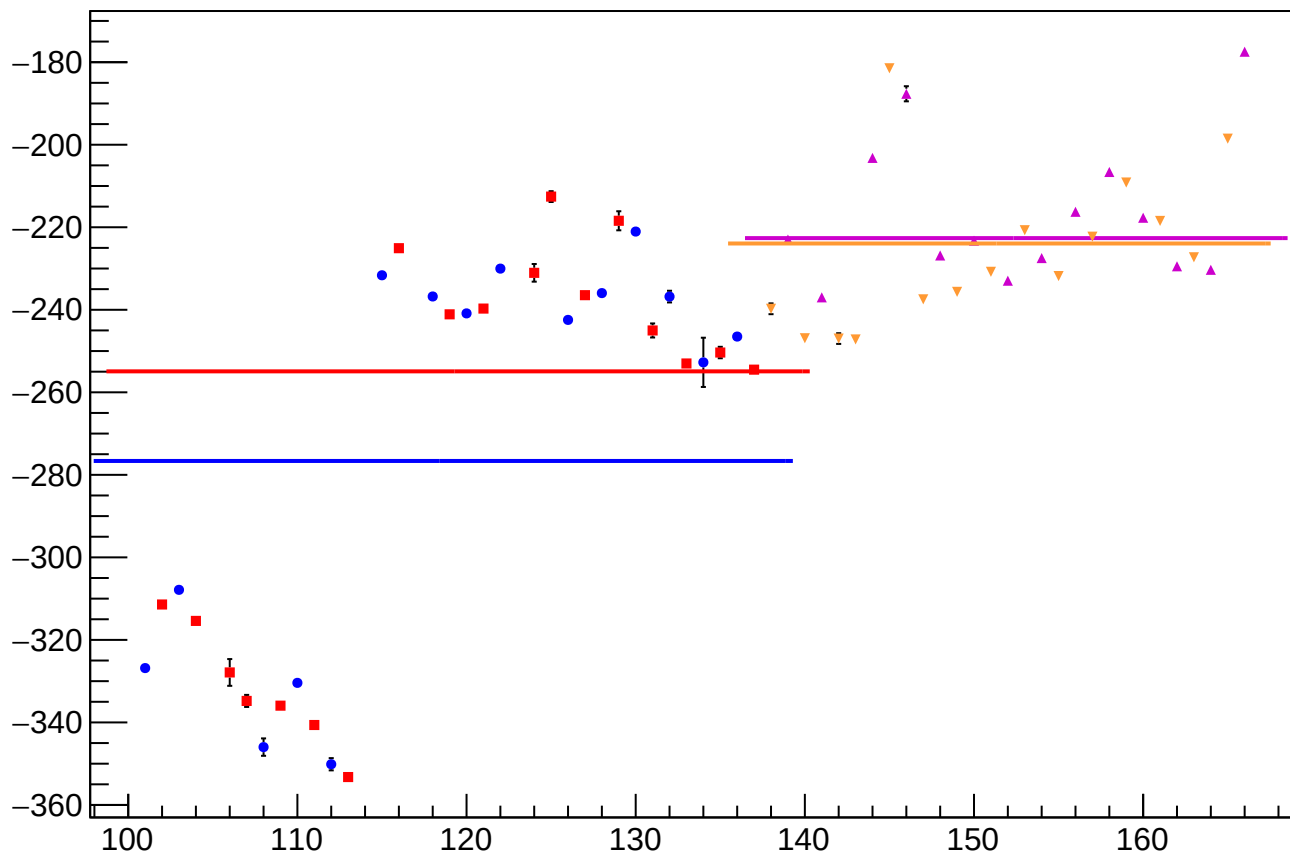
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 23.240 $\pm$ 0.116 χ^2 /NDF:7574.4/28

Out: 22.999 $\pm$ 0.106 χ^2 /NDF:15545.7/32

All: 23.109 $\pm$ 0.078 χ^2 /NDF: 23122.5/61

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2/NDF : 77119.6/14

Left Out: -223.934 $\pm$ 0.150 χ^2/NDF :14336.0/14

Right Out: -254.921 $\pm$ 0.071 χ^2/NDF : 71945.8/17

Left In: -222.631 $\pm$ 0.122 χ^2/NDF :7014.3/13

Left: -223.148 $\pm$ 0.094 χ^2/NDF : 21396.0/28

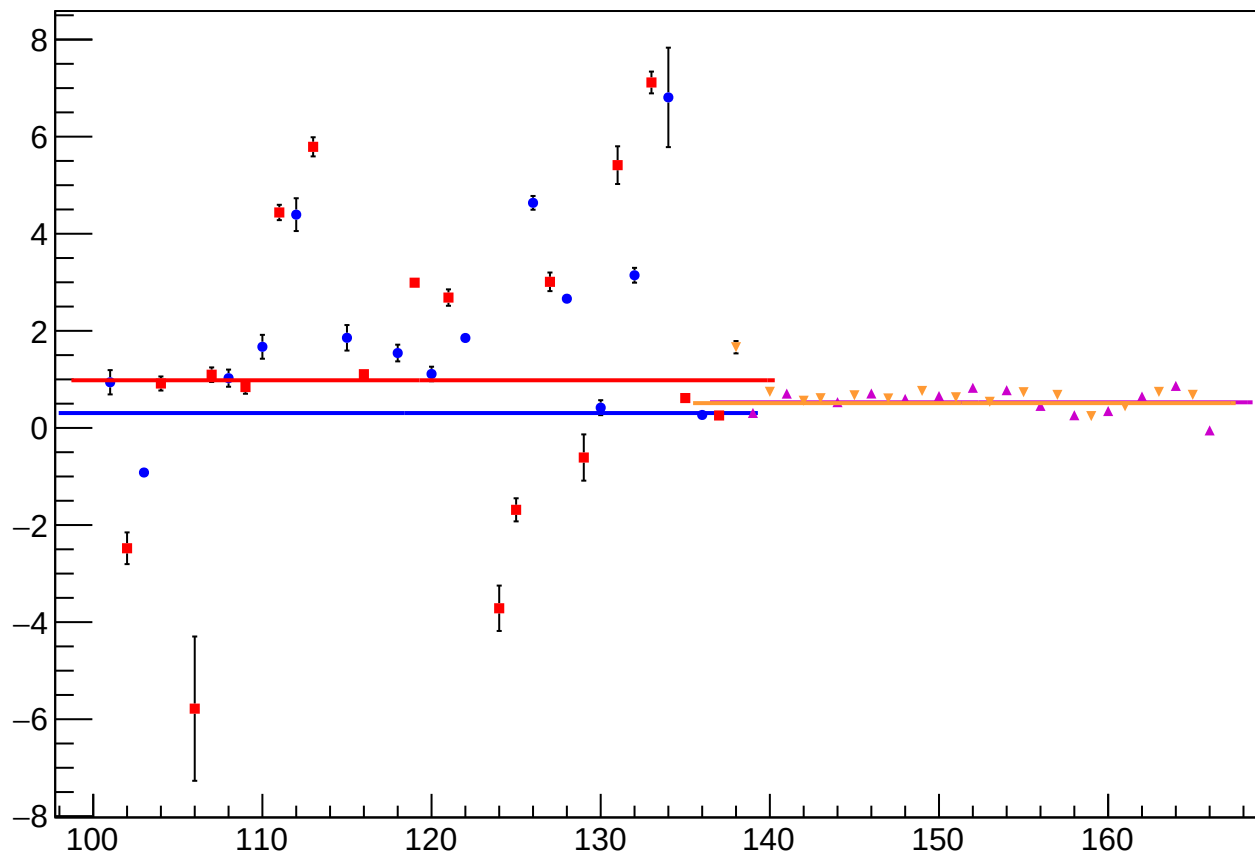
Right: -259.025 $\pm$ 0.064 χ^2/NDF : 166632.3/32

In: -244.470 $\pm$ 0.094 χ^2/NDF :163930.7/28

Out: -249.209 $\pm$ 0.064 χ^2/NDF :121166.7/32

All: -247.694 $\pm$ 0.053 χ^2/NDF : 286832.8/61

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.511 $\pm$ 0.002 χ^2 /NDF:8197.9/14

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.528 $\pm$ 0.002 χ^2 /NDF:13290.2/13

Left: 0.521 $\pm$ 0.001 χ^2 /NDF: 21518.8/28

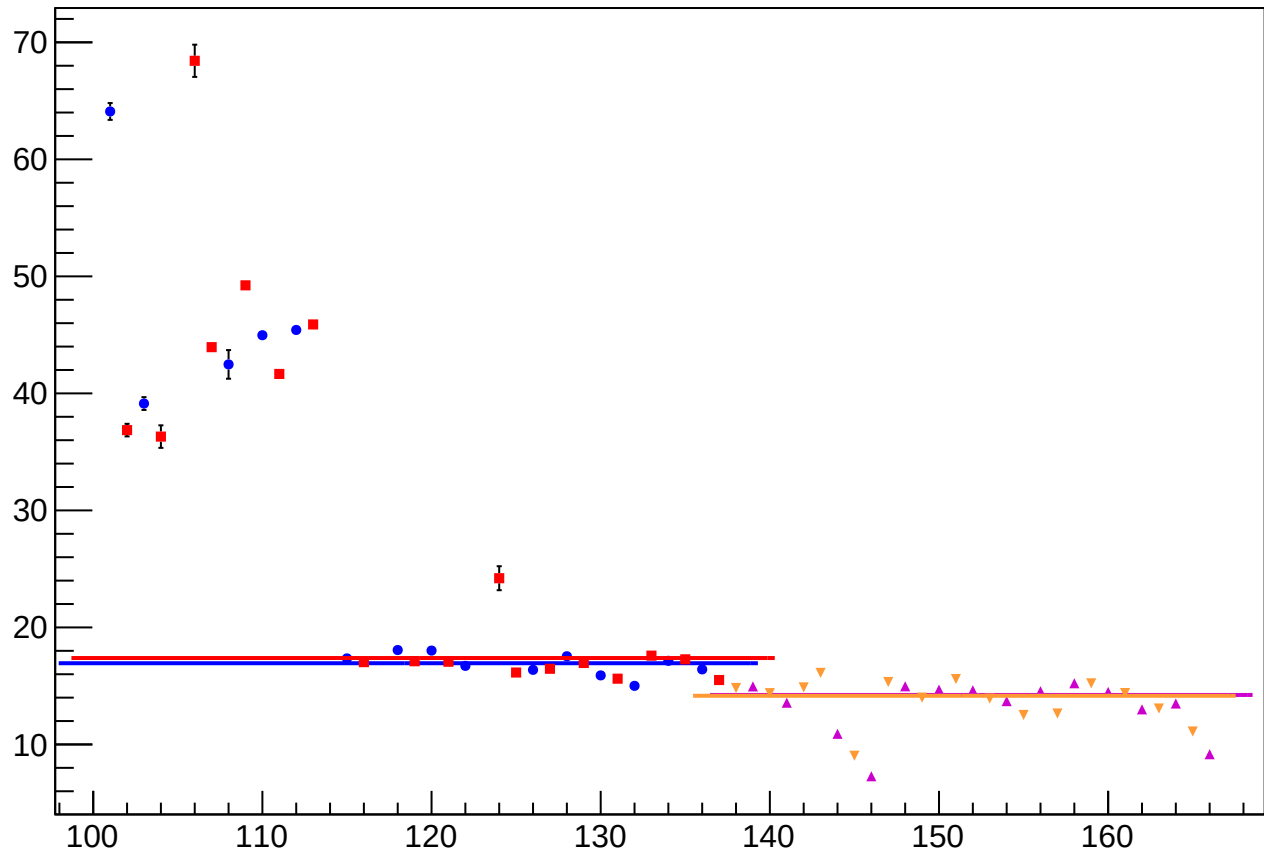
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.510 $\pm$ 0.002 χ^2 /NDF:17098.0/28

Out: 0.522 $\pm$ 0.002 χ^2 /NDF:12577.0/32

All: 0.515 $\pm$ 0.001 χ^2 /NDF: 29692.7/61

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.161 ± 0.010 $\chi^2/\text{NDF}: 50684.1/14$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.230 ± 0.010 $\chi^2/\text{NDF}: 14020.3/13$

Left: 14.196 ± 0.007 $\chi^2/\text{NDF}: 64730.5/28$

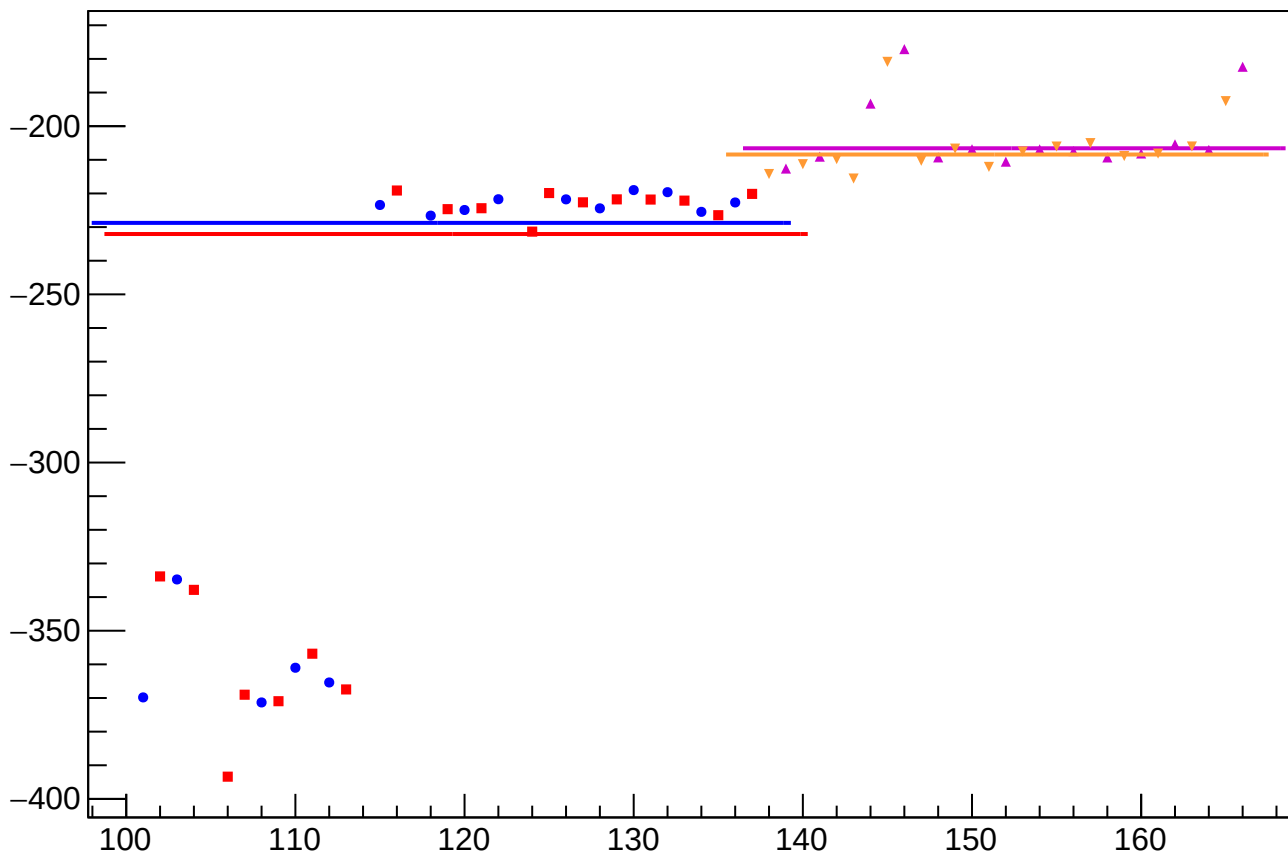
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.186 ± 0.008 $\chi^2/\text{NDF}: 71768.6/28$

Out: 14.895 ± 0.008 $\chi^2/\text{NDF}: 137763.2/32$

All: 15.054 ± 0.006 $\chi^2/\text{NDF}: 210187.9/61$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.421 ± 0.019 $\chi^2/\text{NDF}: 75949.0/14$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -206.570 ± 0.017 $\chi^2/\text{NDF}: 125555.8/13$

Left: -207.403 ± 0.013 $\chi^2/\text{NDF}: 206716.3/28$

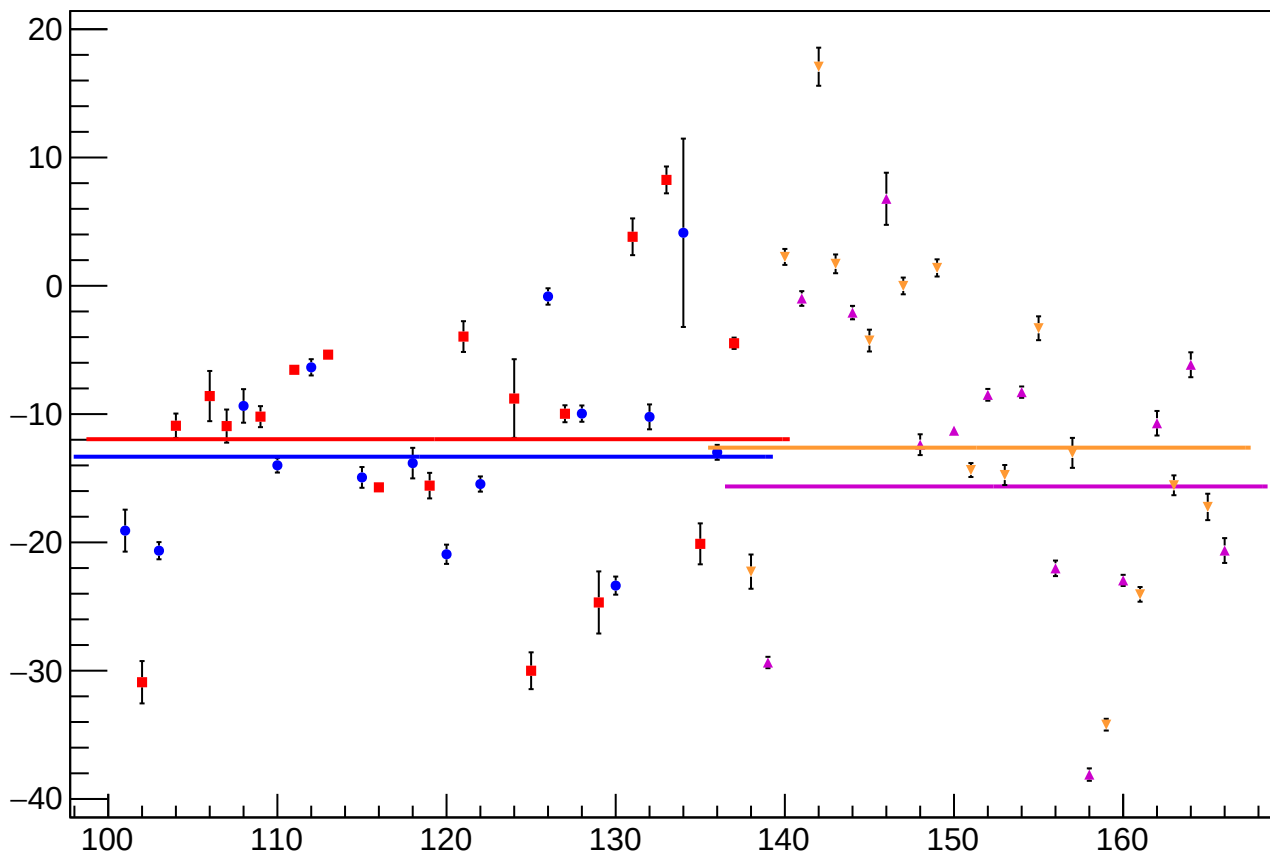
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -210.947 ± 0.015 $\chi^2/\text{NDF}: 1111318.2/28$

Out: -212.555 ± 0.017 $\chi^2/\text{NDF}: 1137725.7/32$

All: -211.660 ± 0.011 $\chi^2/\text{NDF}: 2253866.1/61$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -12.616 ± 0.186 $\chi^2/\text{NDF}: 5079.8/14$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.640 ± 0.146 $\chi^2/\text{NDF}: 5786.1/13$

Left: -14.493 ± 0.115 $\chi^2/\text{NDF}: 11029.2/28$

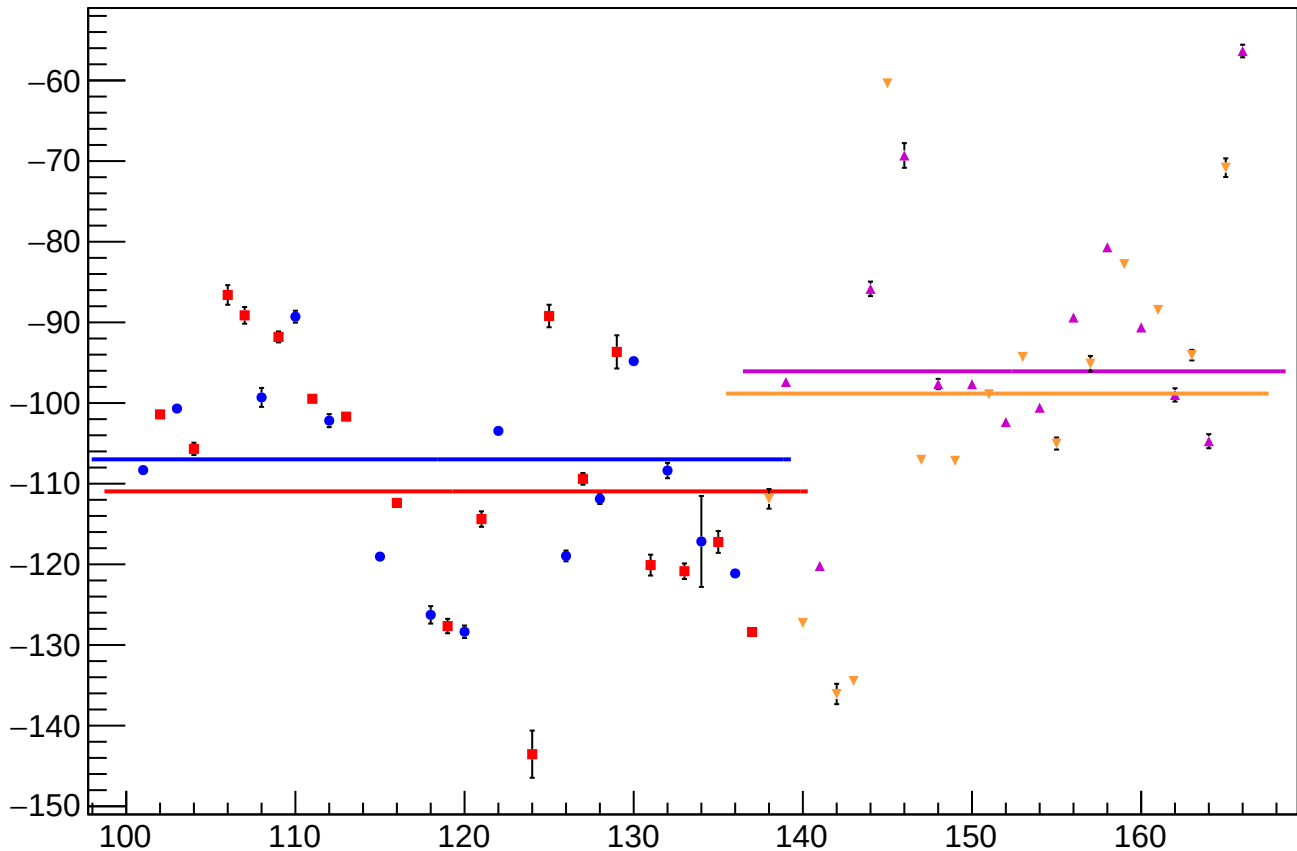
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.802 ± 0.116 $\chi^2/\text{NDF}: 6890.6/28$

Out: -12.133 ± 0.096 $\chi^2/\text{NDF}: 7576.1/32$

All: -13.218 ± 0.074 $\chi^2/\text{NDF}: 14778.6/61$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -98.827 ± 0.151 χ^2/NDF : 15298.6/14

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.069 ± 0.122 χ^2/NDF : 7946.9/13

Left: -97.160 ± 0.095 χ^2/NDF : 23448.4/28

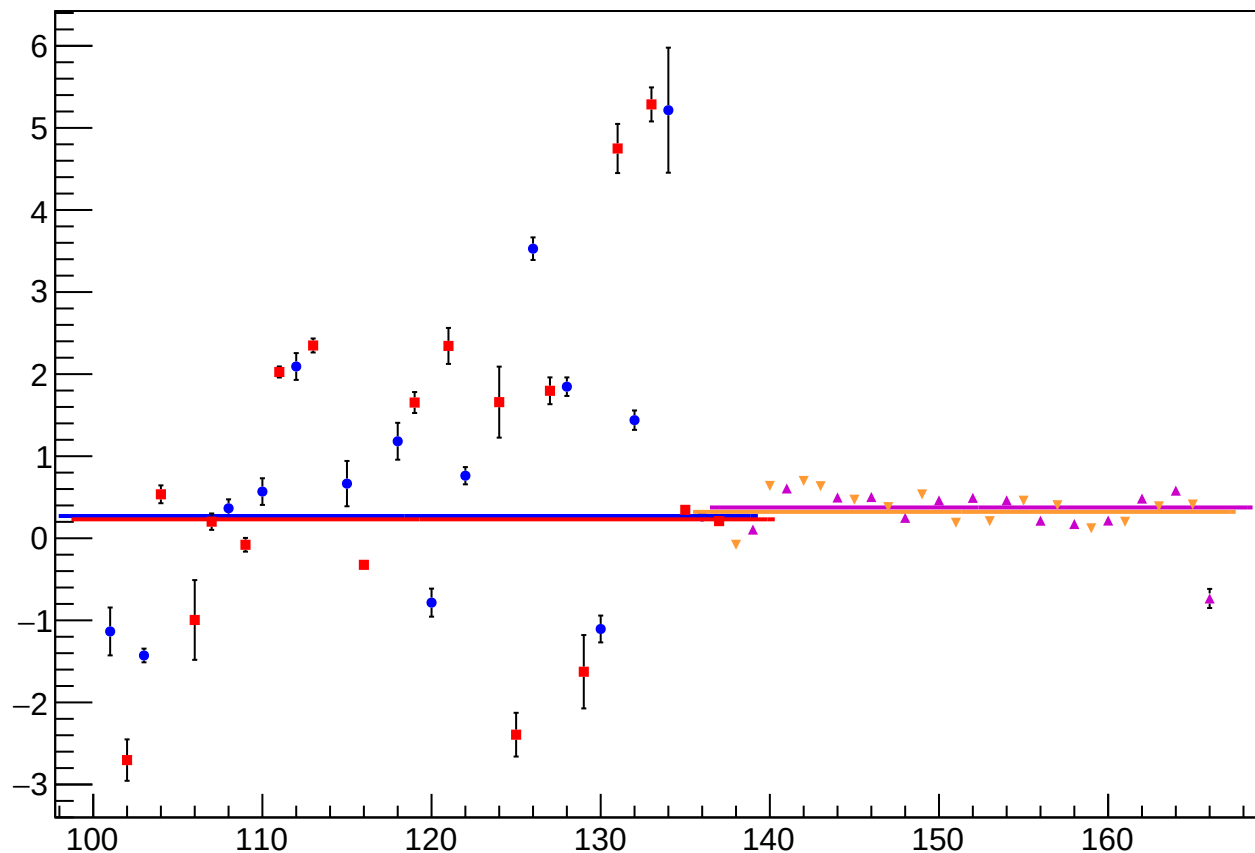
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.078 ± 0.082 χ^2/NDF : 17027.3/28

Out: -109.742 ± 0.048 χ^2/NDF : 31814.0/32

All: -107.797 ± 0.041 χ^2/NDF : 55418.1/61

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.322 ± 0.003 $\chi^2/\text{NDF}: 6476.5/14$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7683.4/13$

Left: 0.355 ± 0.002 $\chi^2/\text{NDF}: 14437.2/28$

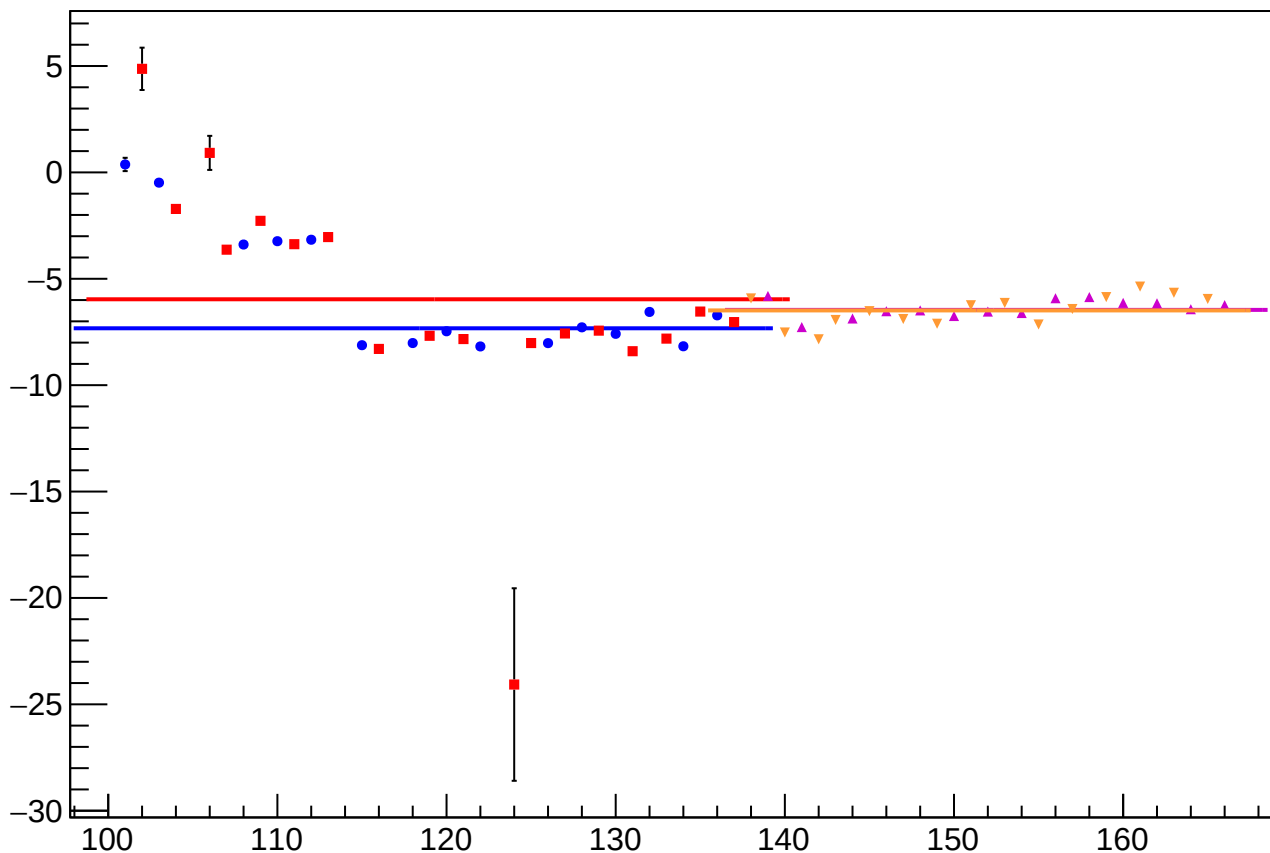
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9632.2/28$

Out: 0.300 ± 0.002 $\chi^2/\text{NDF}: 9706.5/32$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19815.7/61$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.487+/-0.008 χ^2/NDF : 5706.5/14

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.462+/-0.006 χ^2/NDF : 5357.1/13

Left: -6.471+/-0.005 χ^2/NDF : 11070.3/28

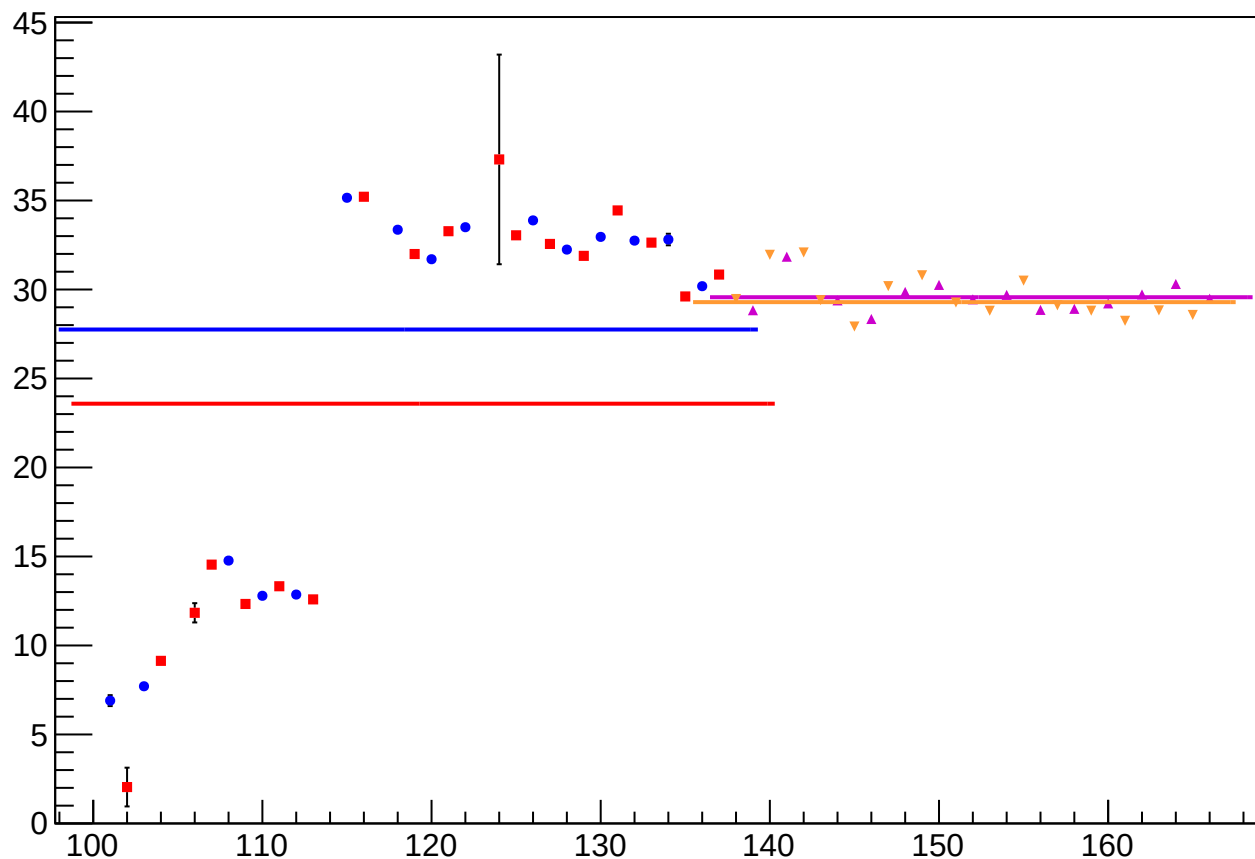
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.745+/-0.005 χ^2/NDF : 43013.0/28

Out: -6.264+/-0.006 χ^2/NDF : 79556.1/32

All: -6.547+/-0.004 χ^2/NDF : 126715.0/61

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.290 $\pm$ 0.012 χ^2 /NDF: 8381.5/14

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.567 $\pm$ 0.011 χ^2 /NDF: 3011.9/13

Left: 29.446 $\pm$ 0.008 χ^2 /NDF: 11672.8/28

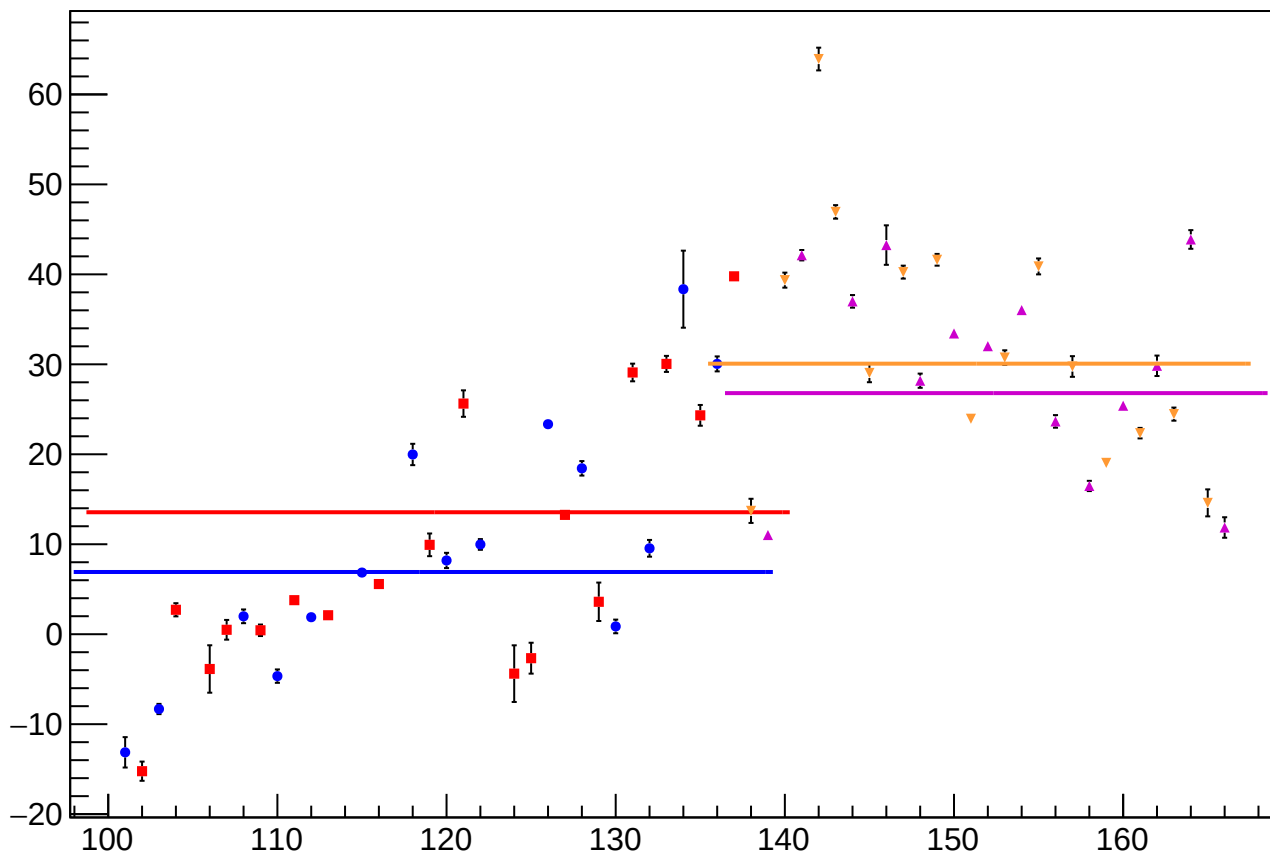
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.939 $\pm$ 0.009 χ^2 /NDF: 345466.2/28

Out: 26.726 $\pm$ 0.009 χ^2 /NDF: 643298.4/32

All: 27.876 $\pm$ 0.006 χ^2 /NDF: 1018878.6/61

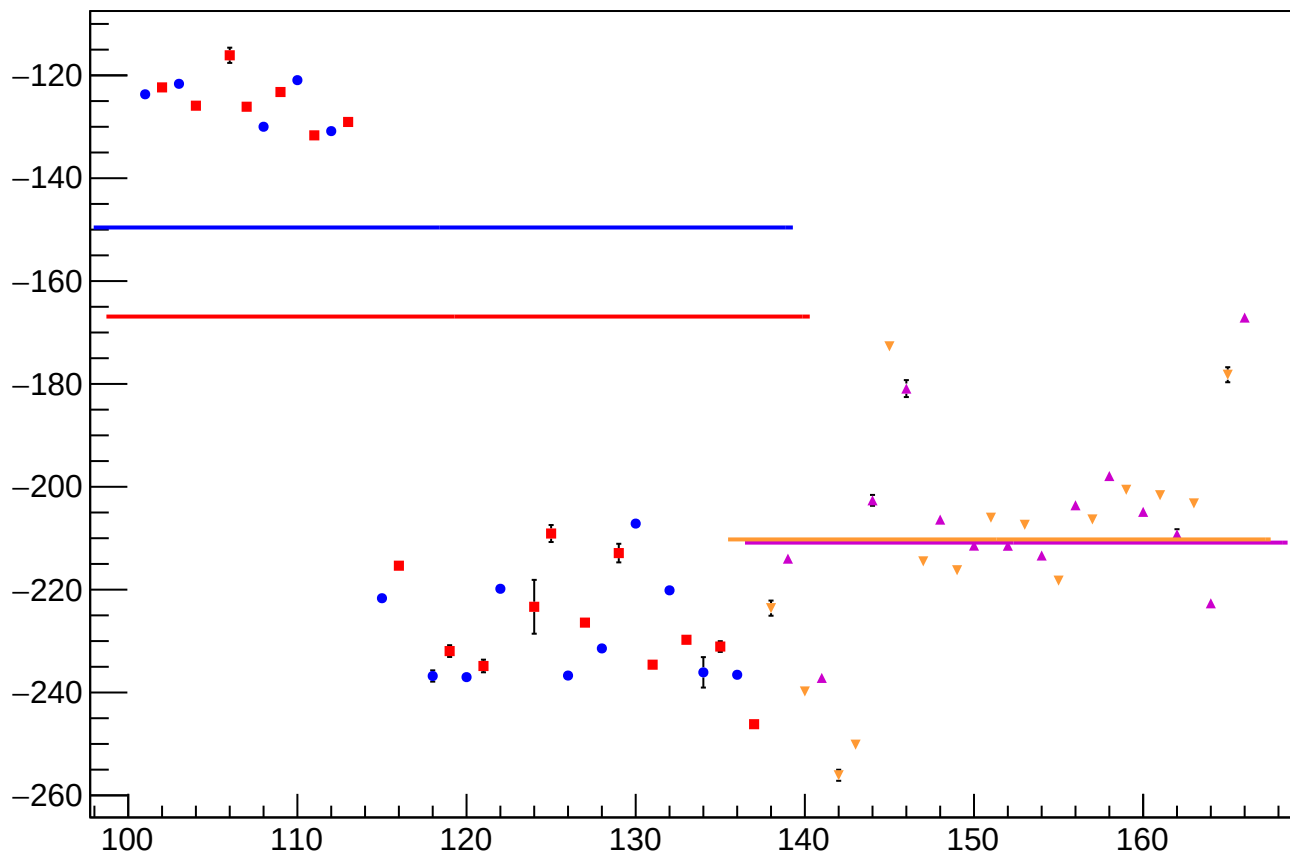
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 30.072 ± 0.193 $\chi^2/\text{NDF}: 3215.3/14$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.798 ± 0.145 $\chi^2/\text{NDF}: 5075.1/13$

Left: 27.977 ± 0.116 $\chi^2/\text{NDF}: 8474.9/28$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 18.814 ± 0.112 $\chi^2/\text{NDF}: 16167.8/28$
 Out: 19.528 ± 0.116 $\chi^2/\text{NDF}: 19558.8/32$
 All: 19.159 ± 0.080 $\chi^2/\text{NDF}: 35746.2/61$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -210.236 ± 0.156 χ^2/NDF : 12456.6/14

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -210.855 ± 0.121 χ^2/NDF : 7447.2/13

Left: -210.622 ± 0.096 χ^2/NDF : 19913.7/28

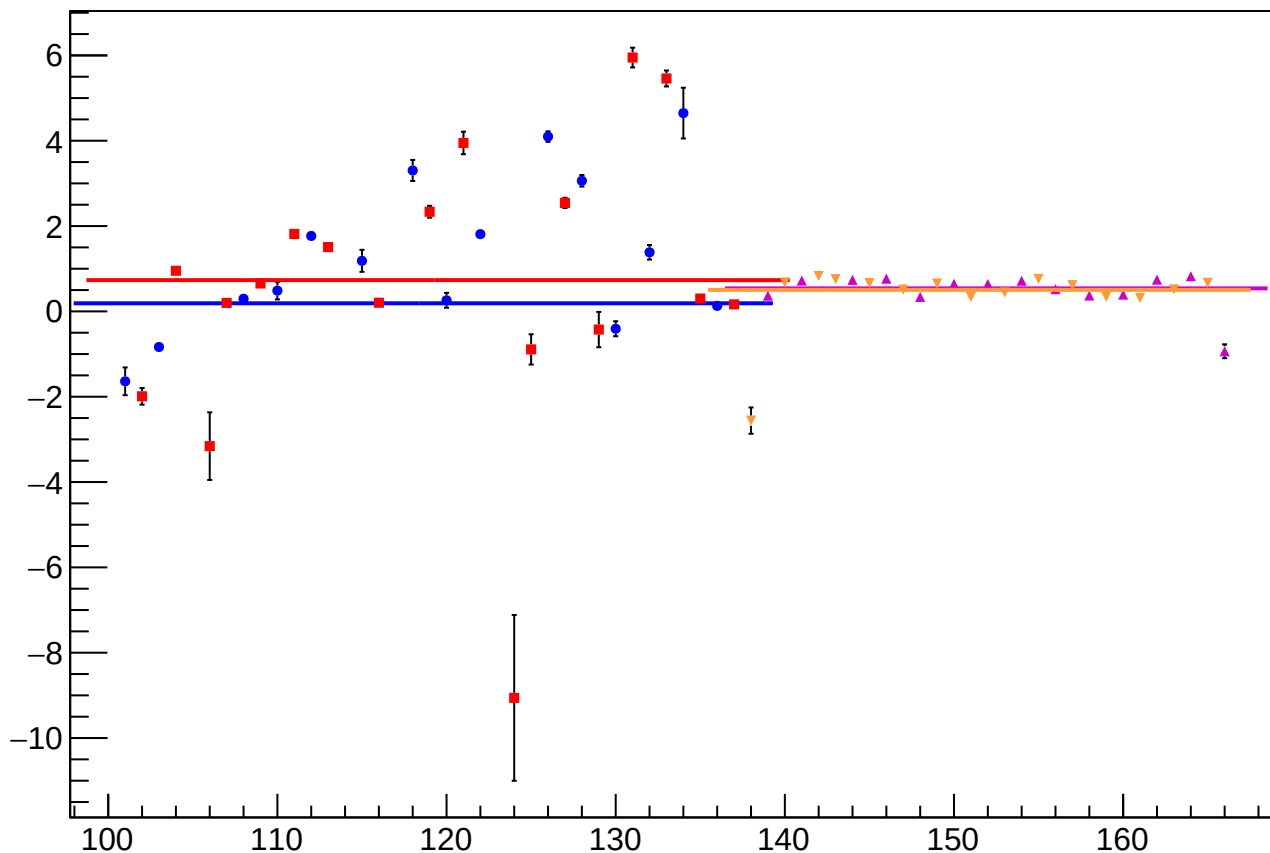
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -174.662 ± 0.078 χ^2/NDF : 353582.8/28

Out: -179.617 ± 0.085 χ^2/NDF : 362418.3/32

All: -176.925 ± 0.057 χ^2/NDF : 717866.8/61

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.504 $\pm$ 0.003 χ^2 /NDF:3368.3/14

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.539 $\pm$ 0.002 χ^2 /NDF:4357.5/13

Left: 0.525 $\pm$ 0.002 χ^2 /NDF: 7808.1/28

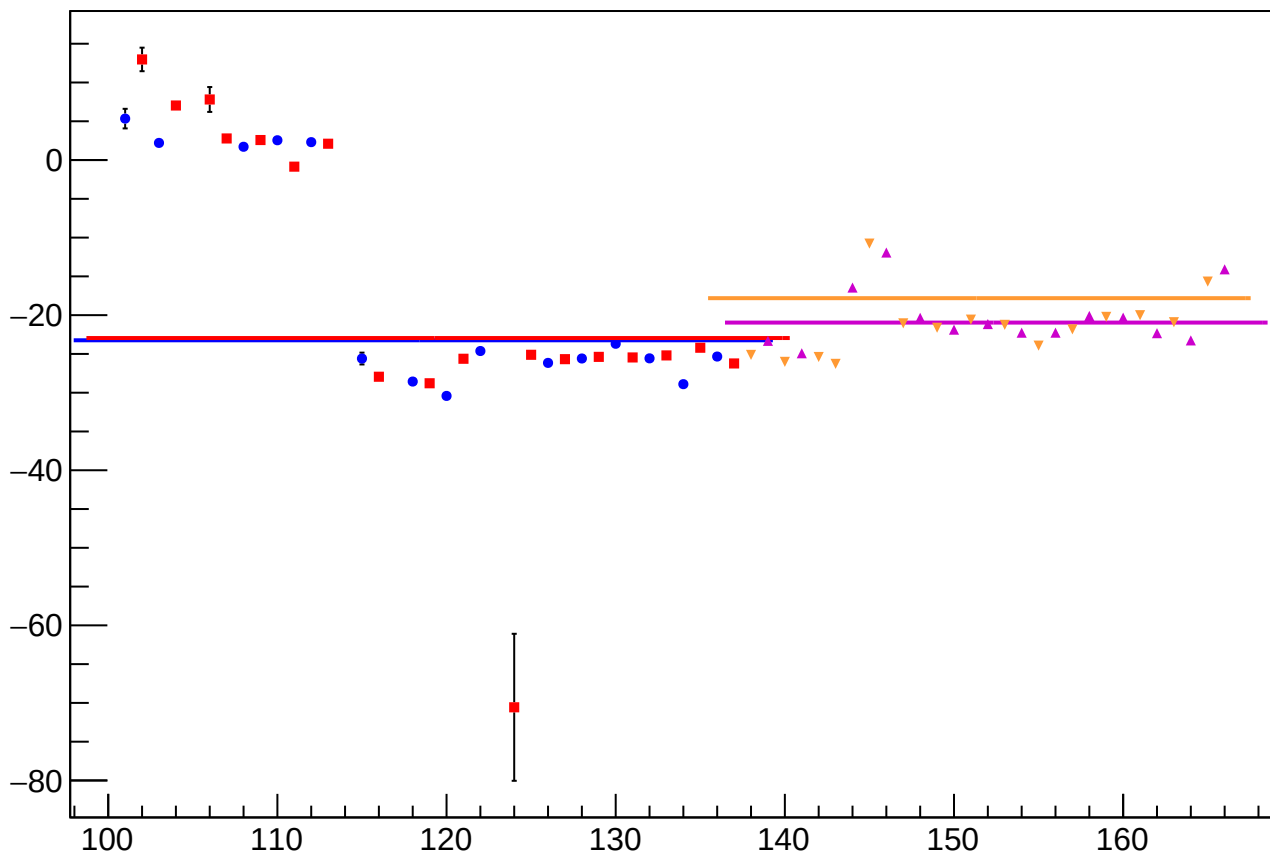
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.514 $\pm$ 0.002 χ^2 /NDF:8612.1/28

Out: 0.509 $\pm$ 0.003 χ^2 /NDF:6165.8/32

All: 0.512 $\pm$ 0.002 χ^2 /NDF: 14779.1/61

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.810 ± 0.015 $\chi^2/\text{NDF}: 123857.0/14$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.958 ± 0.016 $\chi^2/\text{NDF}: 12172.2/13$

Left: -19.339 ± 0.011 $\chi^2/\text{NDF}: 157038.0/28$

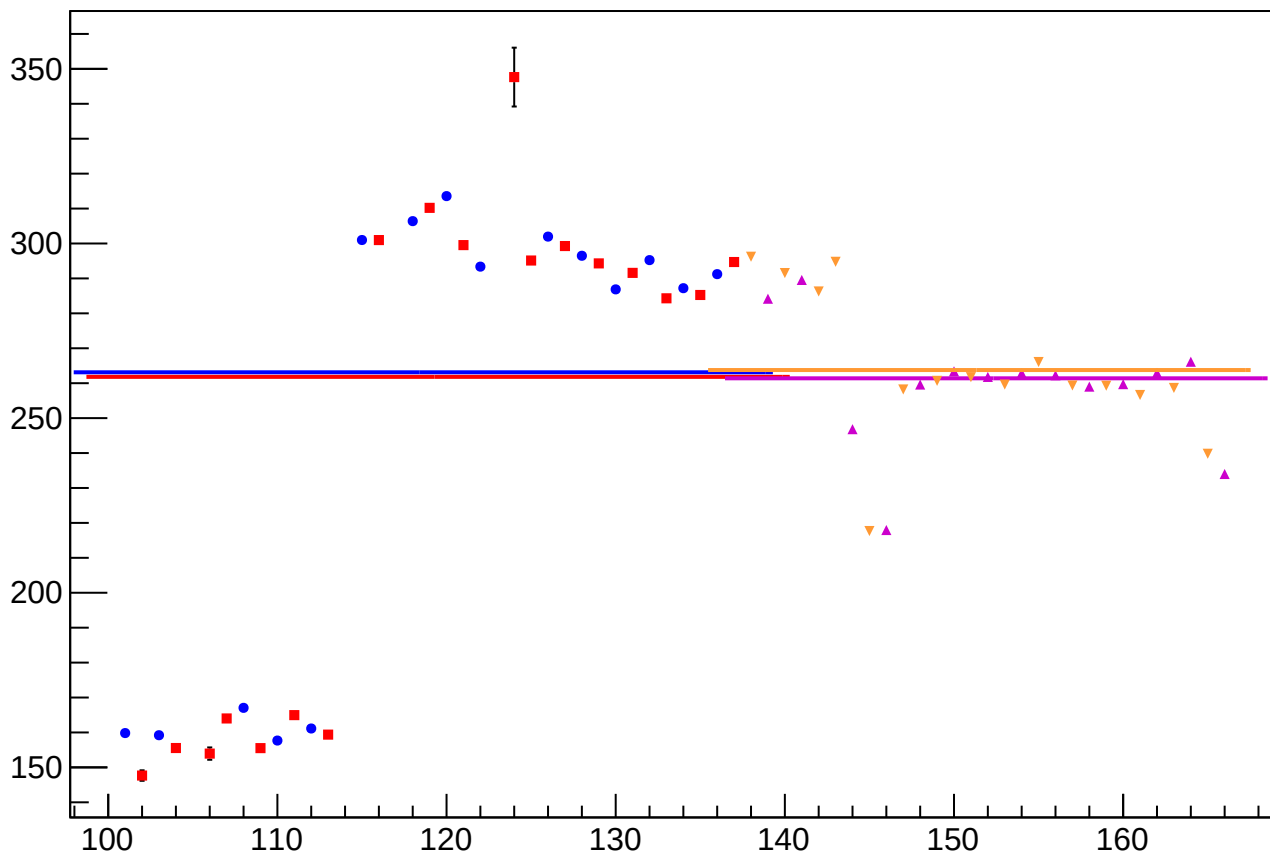
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.605 ± 0.013 $\chi^2/\text{NDF}: 121364.4/28$

Out: -19.214 ± 0.013 $\chi^2/\text{NDF}: 263405.1/32$

All: -20.384 ± 0.009 $\chi^2/\text{NDF}: 401570.4/61$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 263.767+/-0.038 χ^2/NDF :195590.4/14

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 261.397+/-0.033 χ^2/NDF :46773.9/13

Left: 262.407+/-0.025 χ^2/NDF : 244566.9/28

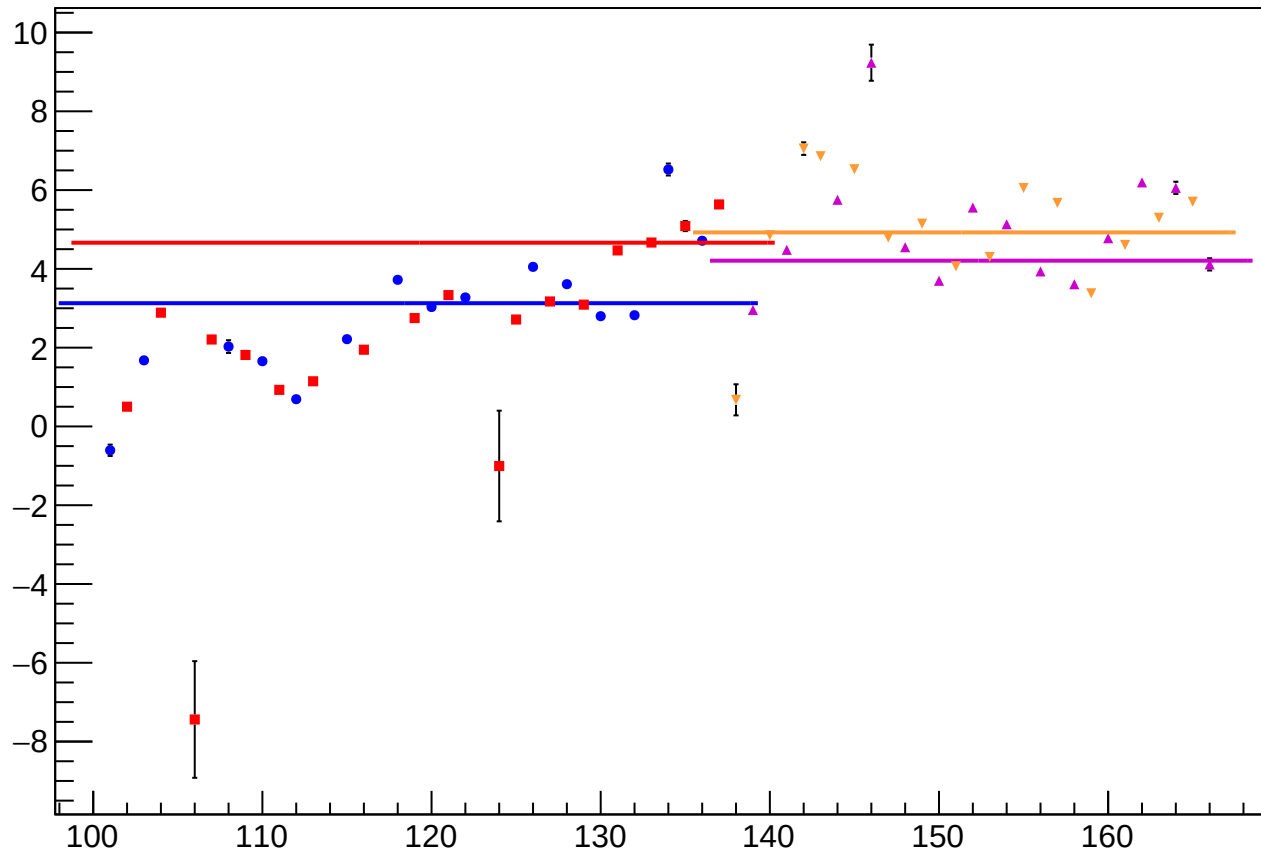
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 261.717+/-0.030 χ^2/NDF :740166.3/28

Out: 263.208+/-0.032 χ^2/NDF :1202525.3/32

All: 262.401+/-0.022 χ^2/NDF : 1943844.8/61

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.926 $\pm$ 0.016 χ^2 /NDF:2226.7/14

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.208 $\pm$ 0.016 χ^2 /NDF:3239.1/13

Left: 4.553 $\pm$ 0.011 χ^2 /NDF: 6474.8/28

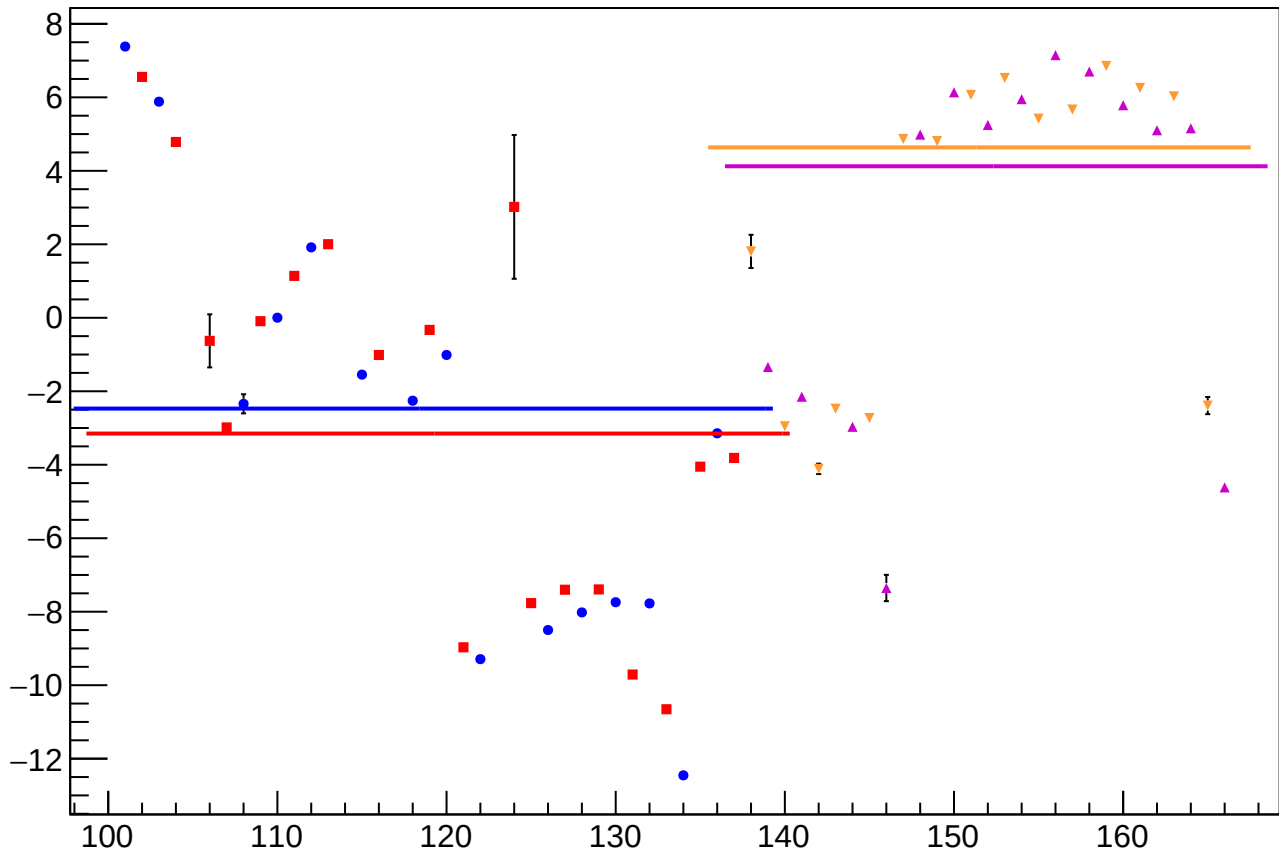
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.671 $\pm$ 0.011 χ^2 /NDF:11267.5/28

Out: 4.699 $\pm$ 0.006 χ^2 /NDF:69312.6/32

All: 4.472 $\pm$ 0.005 χ^2 /NDF: 87244.7/61

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.637 ± 0.013 $\chi^2/\text{NDF}: 39667.8/14$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.124 ± 0.013 $\chi^2/\text{NDF}: 66986.6/13$

Left: 4.379 ± 0.009 $\chi^2/\text{NDF}: 107386.9/28$

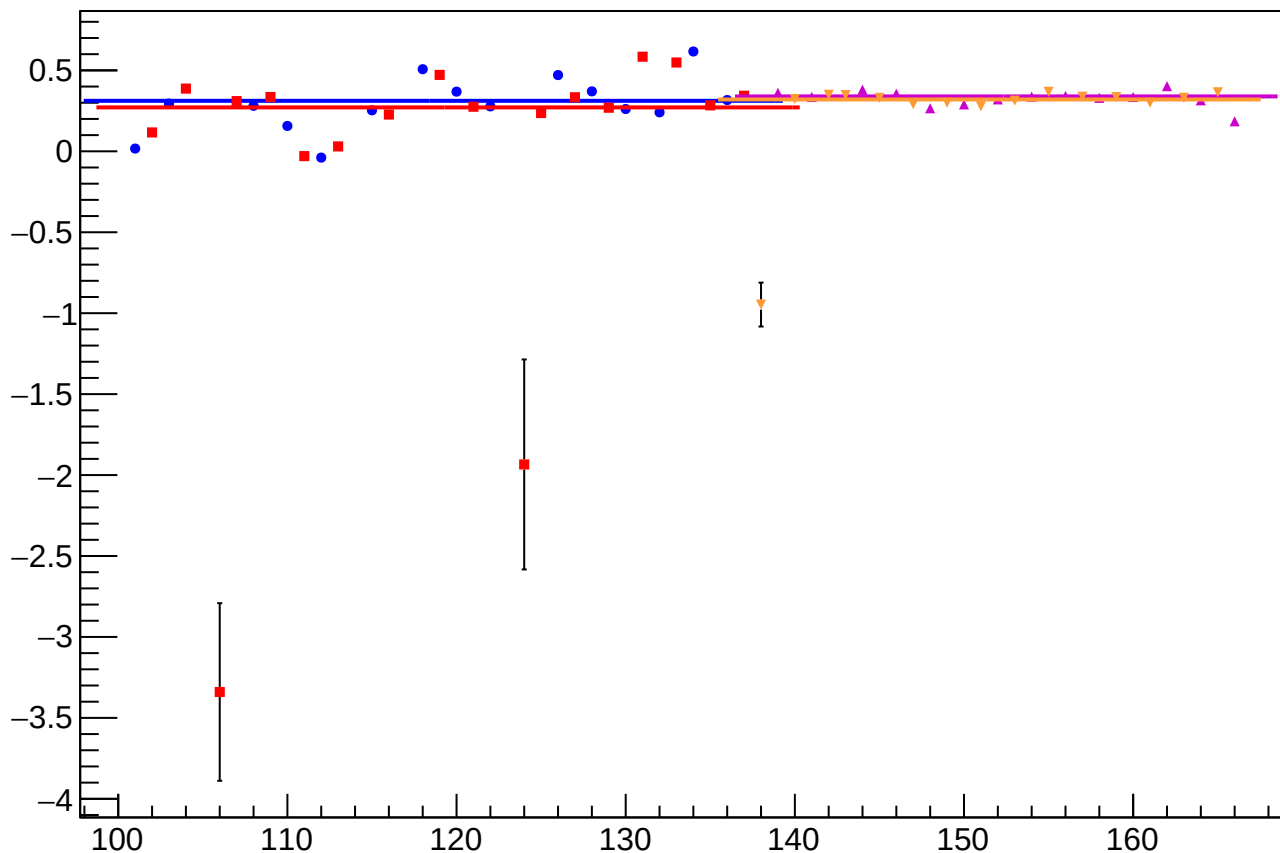
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.007 ± 0.010 $\chi^2/\text{NDF}: 424868.8/28$

Out: -1.332 ± 0.007 $\chi^2/\text{NDF}: 543514.4/32$

All: -0.606 ± 0.005 $\chi^2/\text{NDF}: 1008504.2/61$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1462.7/14$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 2878.3/13$

Left: 0.330 ± 0.000 $\chi^2/\text{NDF}: 4736.0/28$

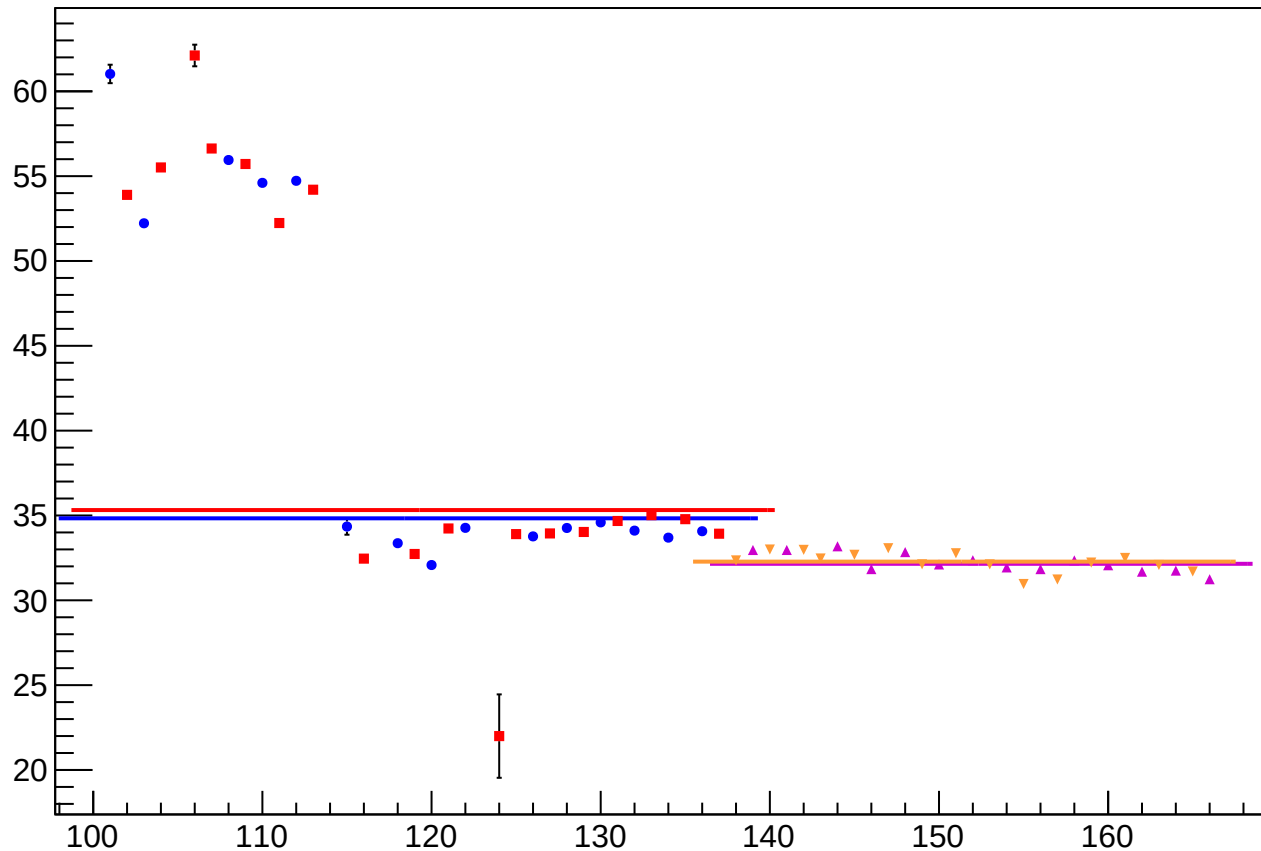
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4550.4/28$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8097.8/32$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 13048.8/61$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.280 $\pm$ 0.004 χ^2 /NDF: 4384.9/14

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.151 $\pm$ 0.004 χ^2 /NDF: 7354.1/13

Left: 32.213 $\pm$ 0.003 χ^2 /NDF: 12169.6/28

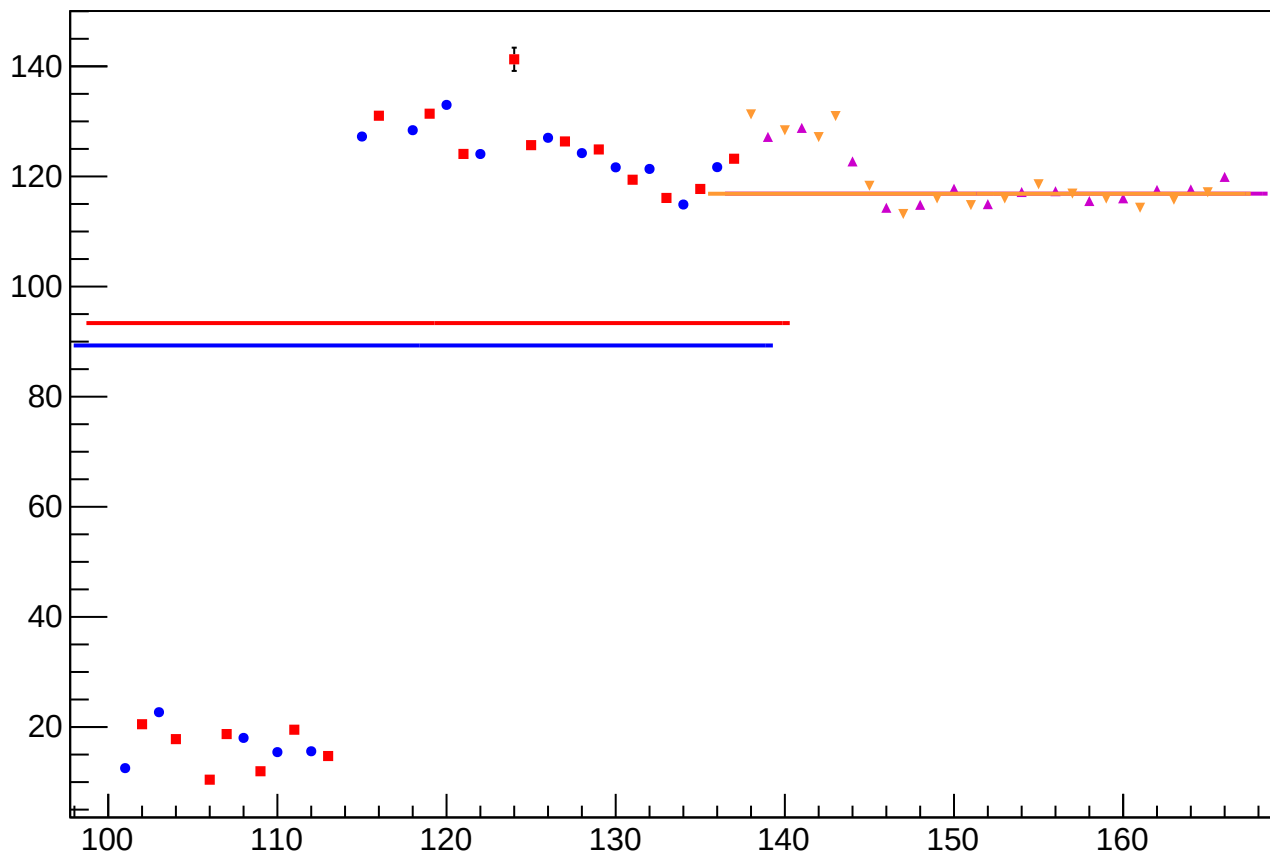
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.683 $\pm$ 0.004 χ^2 /NDF: 330417.8/28

Out: 32.789 $\pm$ 0.004 χ^2 /NDF: 343494.2/32

All: 32.733 $\pm$ 0.003 χ^2 /NDF: 674271.2/61

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 116.860 $\pm$ 0.010 χ^2 /NDF: 119633.5/14

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.875 $\pm$ 0.009 χ^2 /NDF: 42677.5/13

Left: 116.868 $\pm$ 0.007 χ^2 /NDF: 162312.0/28

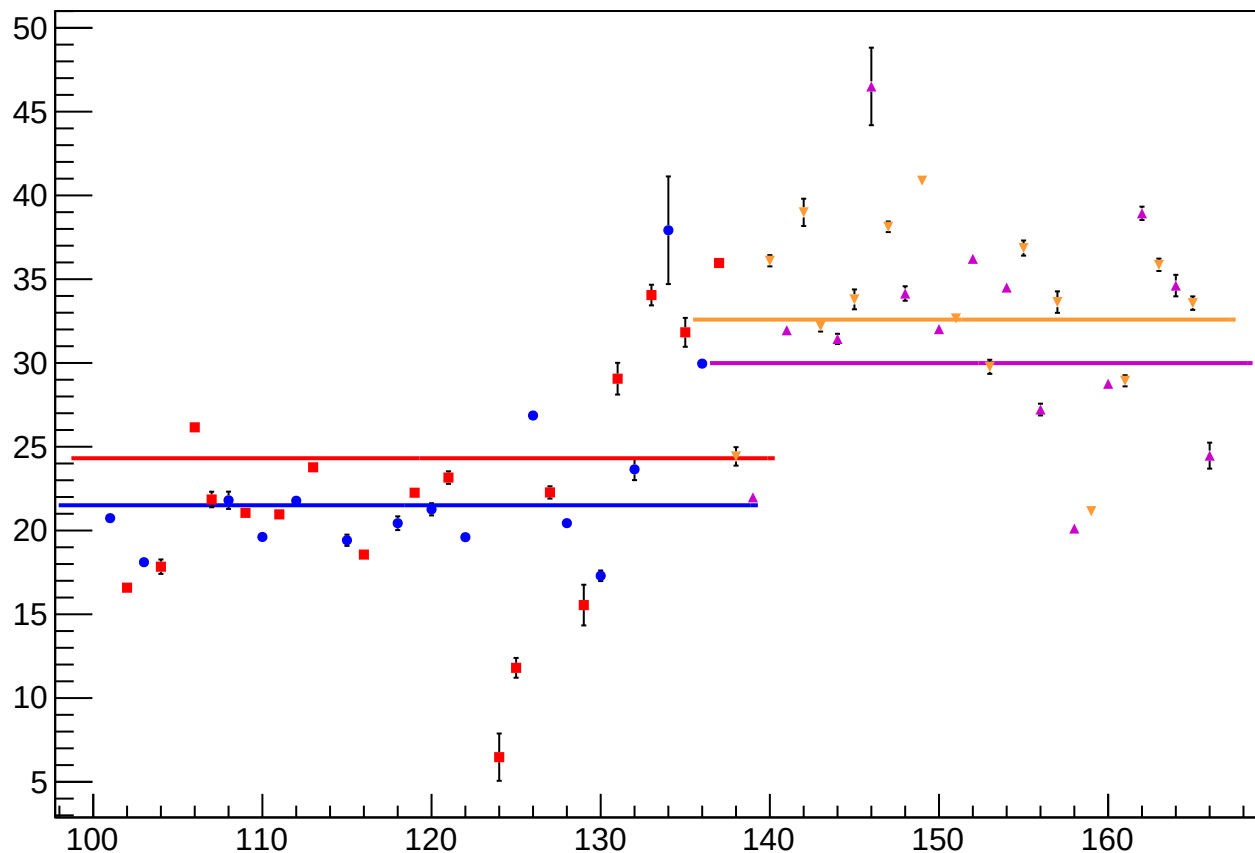
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 113.932 $\pm$ 0.009 χ^2 /NDF: 3979222.4/28

Out: 114.470 $\pm$ 0.010 χ^2 /NDF: 3525139.5/32

All: 114.184 $\pm$ 0.007 χ^2 /NDF: 7506052.9/61

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.589 ± 0.094 $\chi^2/\text{NDF}: 3751.6/14$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.994 ± 0.079 $\chi^2/\text{NDF}: 4686.0/13$

Left: 31.062 ± 0.060 $\chi^2/\text{NDF}: 8885.9/28$

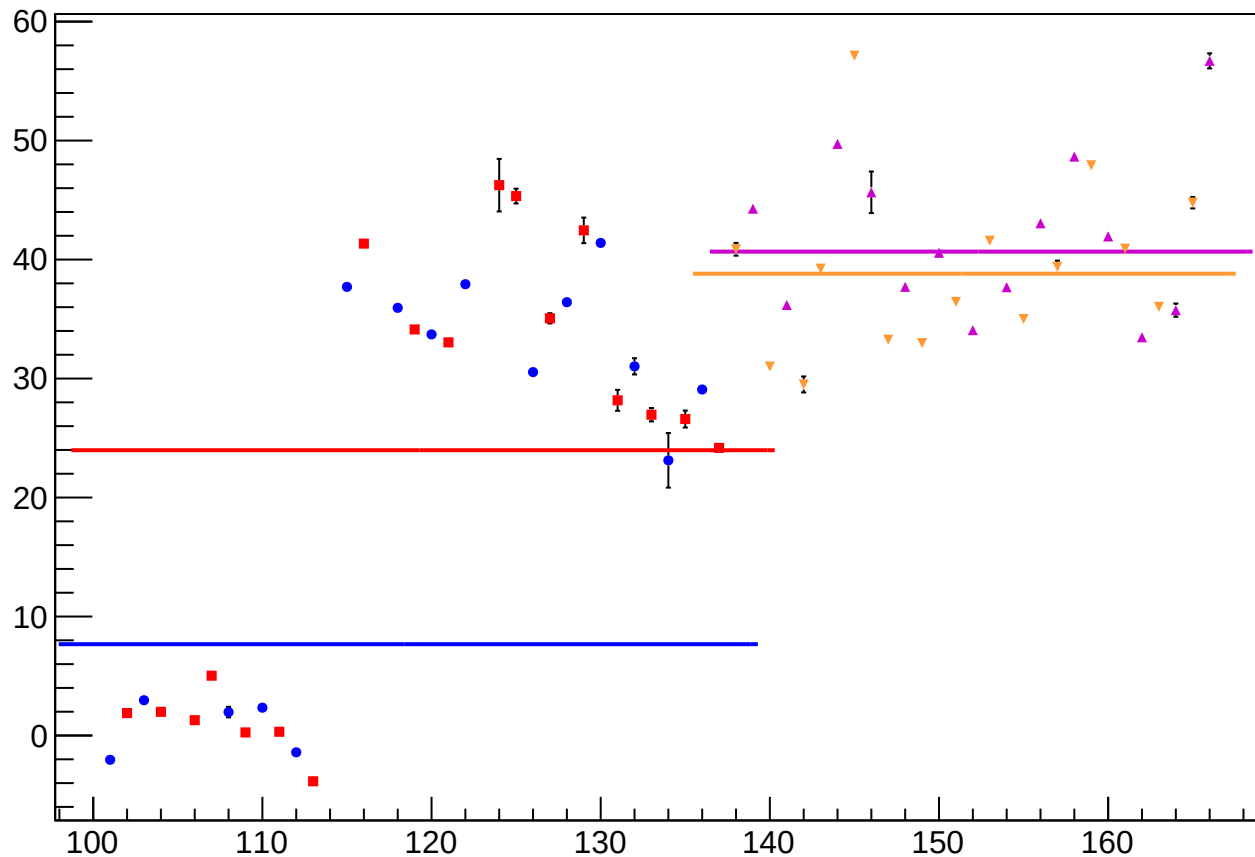
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.395 ± 0.053 $\chi^2/\text{NDF}: 13957.4/28$

Out: 26.622 ± 0.050 $\chi^2/\text{NDF}: 23633.8/32$

All: 26.051 ± 0.036 $\chi^2/\text{NDF}: 37875.3/61$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 38.811 ± 0.078 $\chi^2/\text{NDF}: 6429.2/14$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.669 ± 0.065 $\chi^2/\text{NDF}: 4825.4/13$

Left: 39.914 ± 0.050 $\chi^2/\text{NDF}: 11589.5/28$

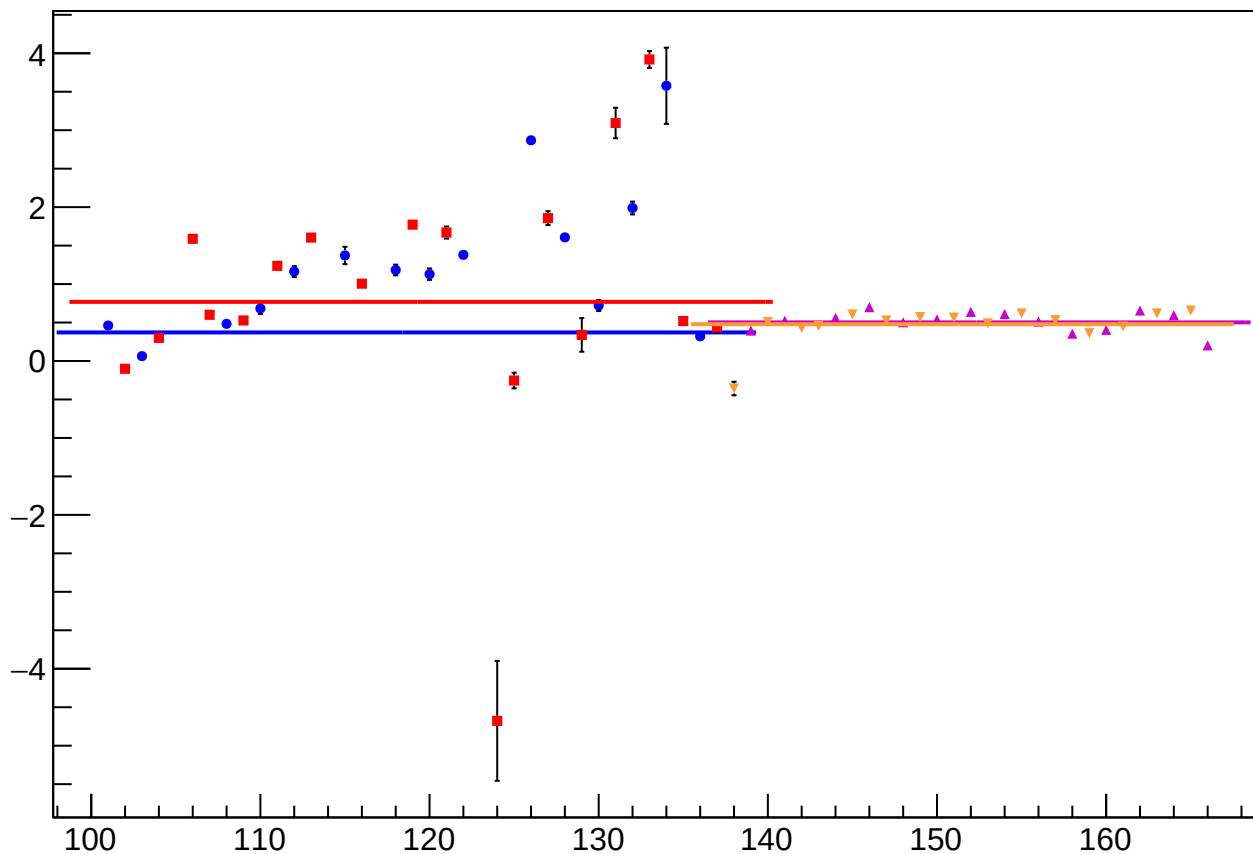
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 18.505 ± 0.037 $\chi^2/\text{NDF}: 275900.5/28$

Out: 24.138 ± 0.008 $\chi^2/\text{NDF}: 152541.4/32$

All: 23.879 ± 0.008 $\chi^2/\text{NDF}: 450460.0/61$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.478 $\pm$ 0.001 χ^2 /NDF: 6151.1/14

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.502 $\pm$ 0.001 χ^2 /NDF: 8650.4/13

Left: 0.491 $\pm$ 0.001 χ^2 /NDF: 14988.3/28

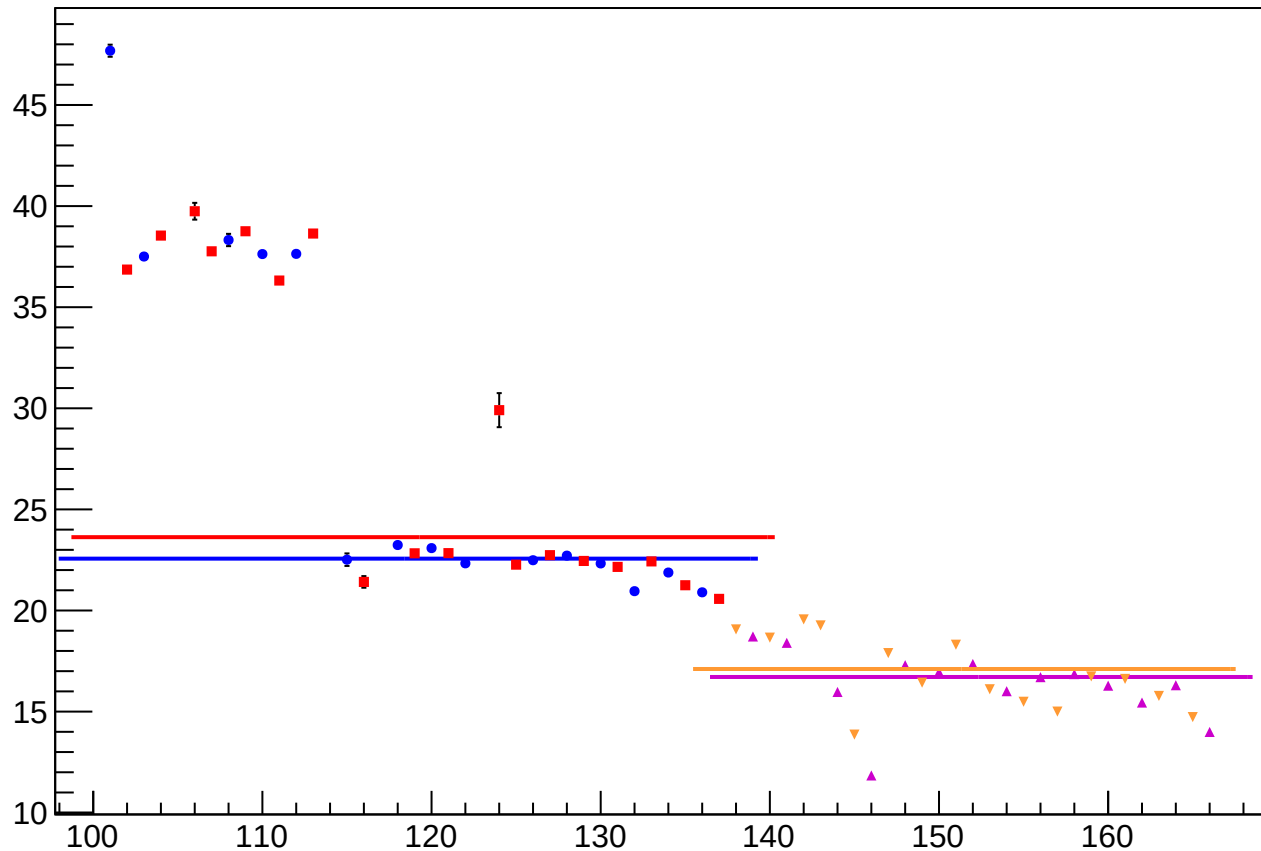
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.493 $\pm$ 0.001 χ^2 /NDF: 14230.6/28

Out: 0.487 $\pm$ 0.001 χ^2 /NDF: 11988.2/32

All: 0.490 $\pm$ 0.001 χ^2 /NDF: 26229.1/61

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.107 ± 0.007 $\chi^2/\text{NDF}: 47852.8/14$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.712 ± 0.008 $\chi^2/\text{NDF}: 19254.4/13$

Left: 16.926 ± 0.005 $\chi^2/\text{NDF}: 68514.6/28$

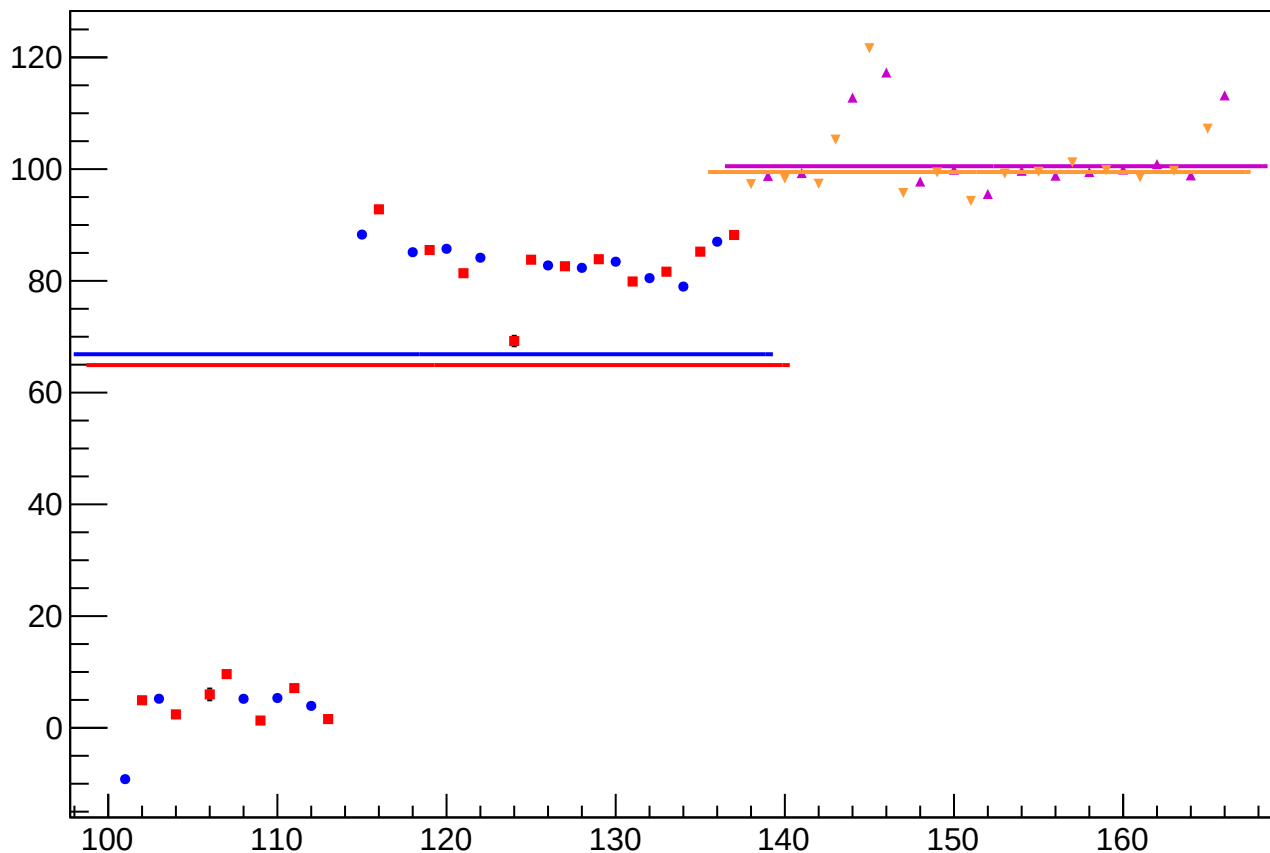
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 18.858 ± 0.006 $\chi^2/\text{NDF}: 321714.8/28$

Out: 18.989 ± 0.006 $\chi^2/\text{NDF}: 411148.3/32$

All: 18.925 ± 0.004 $\chi^2/\text{NDF}: 733094.4/61$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.478 $\pm$ 0.014 χ^2 /NDF: 69882.5/14

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 100.520 $\pm$ 0.013 χ^2 /NDF: 127633.4/13

Left: 100.032 $\pm$ 0.009 χ^2 /NDF: 200682.7/28

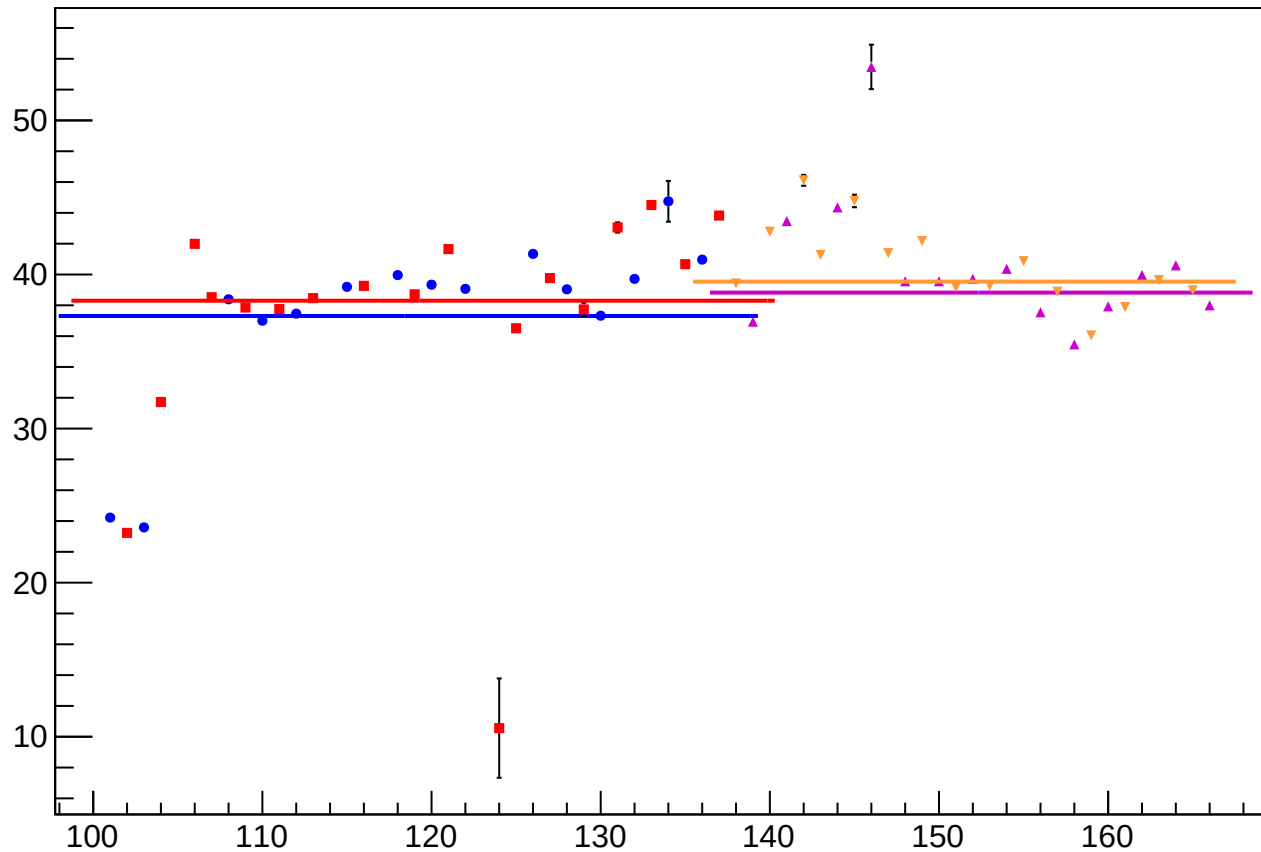
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 94.469 $\pm$ 0.011 χ^2 /NDF: 2890452.3/28

Out: 93.563 $\pm$ 0.012 χ^2 /NDF: 2523860.6/32

All: 94.047 $\pm$ 0.008 χ^2 /NDF: 5417217.1/61

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.539 ± 0.036 $\chi^2/\text{NDF}: 3881.9/14$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.825 ± 0.028 $\chi^2/\text{NDF}: 5426.2/13$

Left: 39.094 ± 0.022 $\chi^2/\text{NDF}: 9549.7/28$

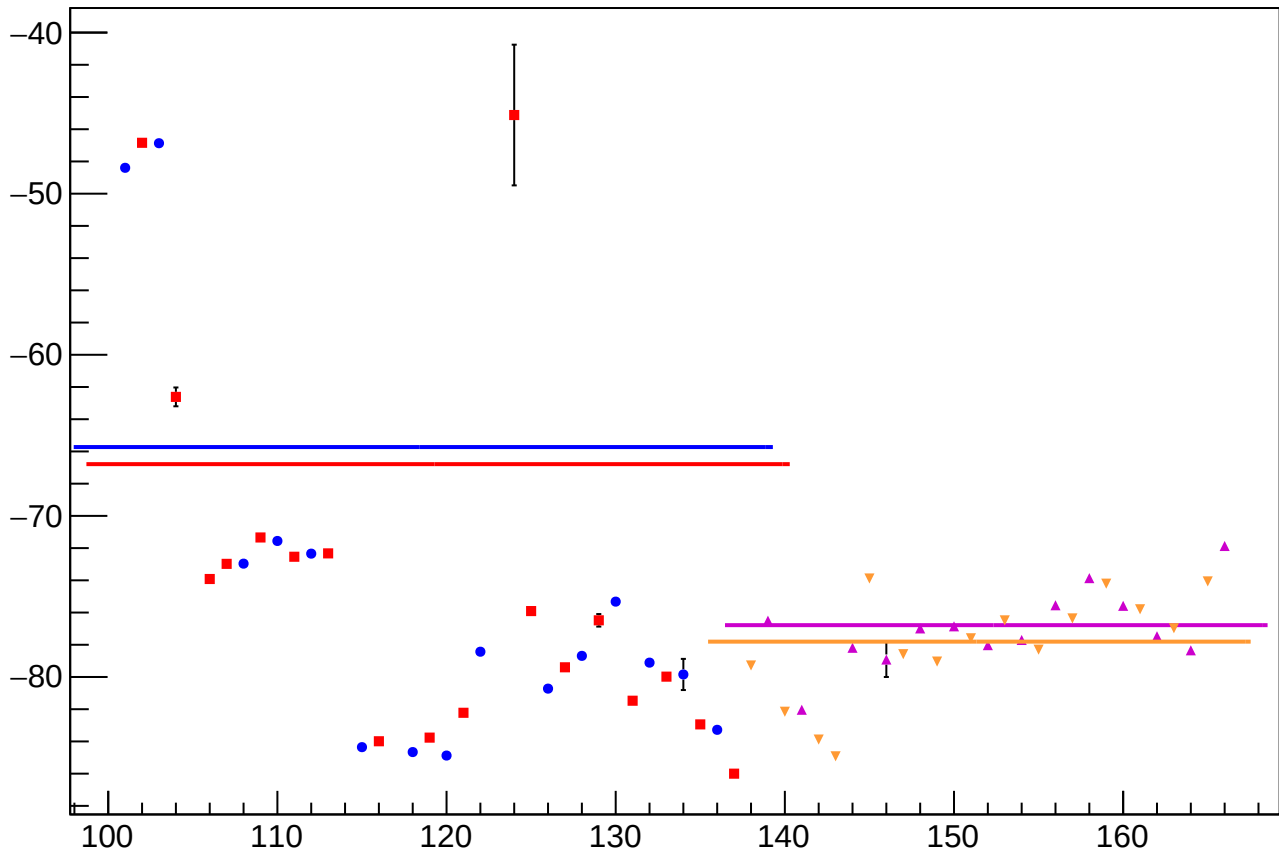
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.917 ± 0.018 $\chi^2/\text{NDF}: 66741.3/28$

Out: 38.600 ± 0.018 $\chi^2/\text{NDF}: 23605.4/32$

All: 38.258 ± 0.013 $\chi^2/\text{NDF}: 91077.3/61$

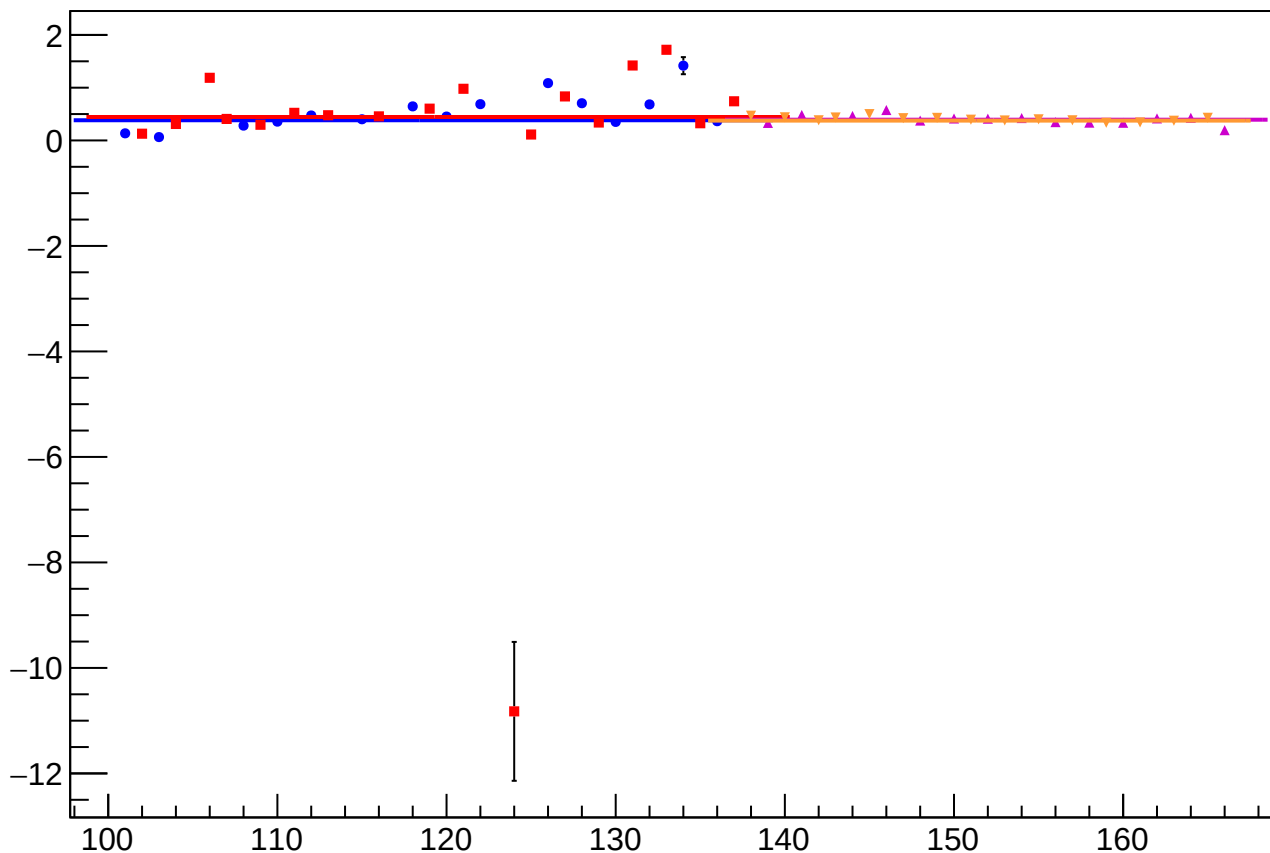
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -77.806 ± 0.030 $\chi^2/\text{NDF}: 11544.3/14$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.783 ± 0.023 $\chi^2/\text{NDF}: 5253.4/13$

Left: -77.149 ± 0.018 $\chi^2/\text{NDF}: 17531.9/28$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.681 ± 0.014 $\chi^2/\text{NDF}: 1062227.6/28$
 Out: -69.150 ± 0.014 $\chi^2/\text{NDF}: 925068.3/32$
 All: -69.425 ± 0.010 $\chi^2/\text{NDF}: 1988038.0/61$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.376 $\pm$ 0.001 χ^2 /NDF: 5504.1/14

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.393 $\pm$ 0.001 χ^2 /NDF: 6473.8/13

Left: 0.385 $\pm$ 0.000 χ^2 /NDF: 12450.6/28

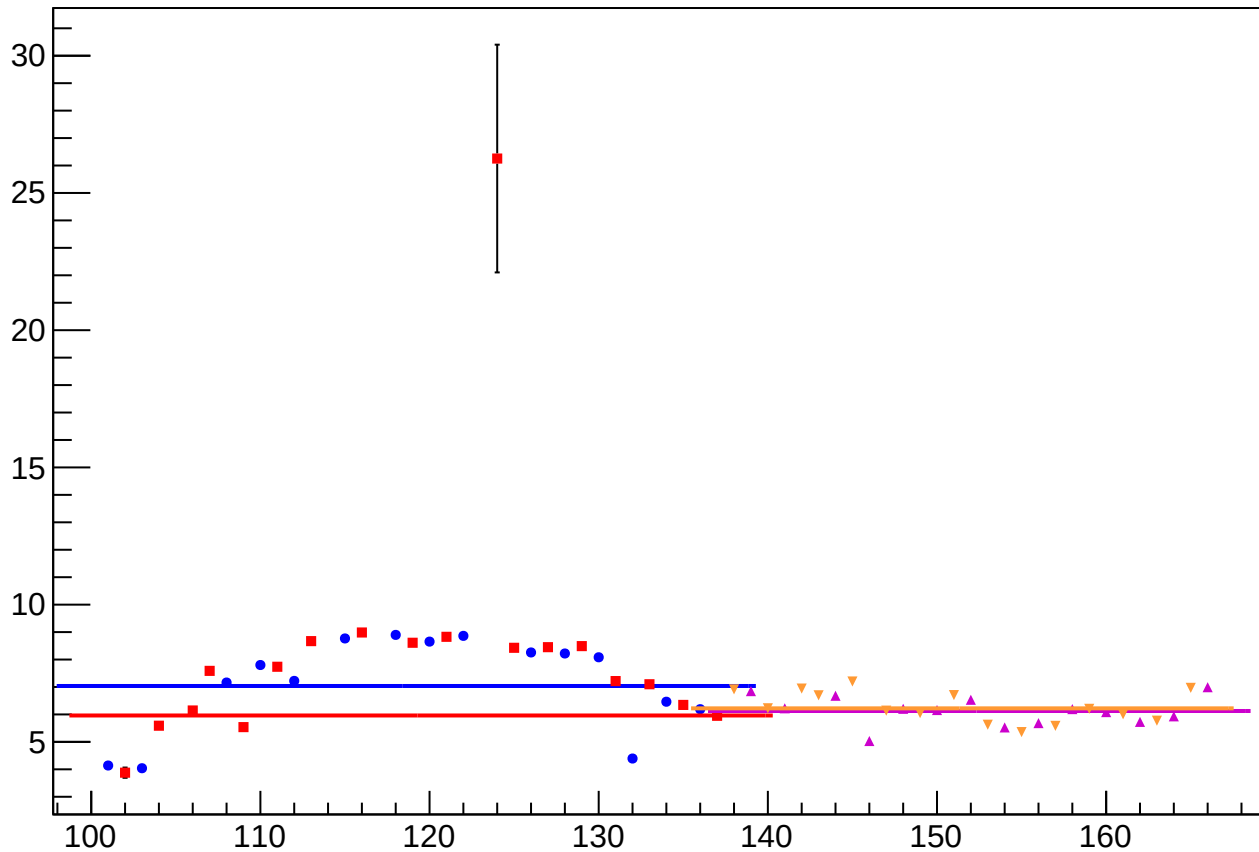
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14675.0/28

Out: 0.378 $\pm$ 0.001 χ^2 /NDF: 8628.3/32

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23671.4/61

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.222 ± 0.002 χ^2/NDF : 31800.3/14

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.125 ± 0.002 χ^2/NDF : 36965.1/13

Left: 6.167 ± 0.001 χ^2/NDF : 70202.8/28

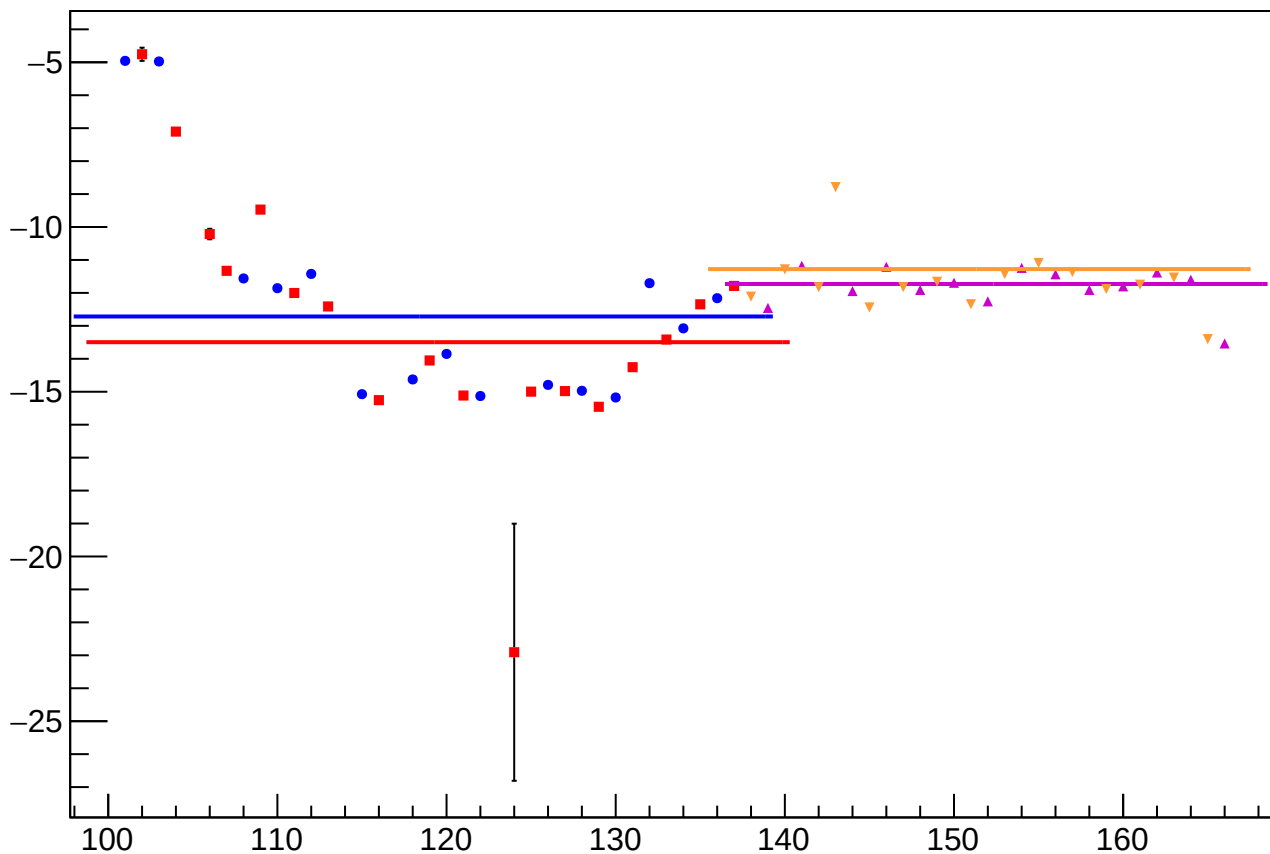
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.234 ± 0.002 χ^2/NDF : 142593.0/28

Out: 5.973 ± 0.000 χ^2/NDF : 217728.7/32

All: 5.989 ± 0.000 χ^2/NDF : 386482.4/61

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.278 $\pm$ 0.003 χ^2/NDF : 201827.5/14

Right Out: -13.496 $\pm$ 0.006 χ^2/NDF : 55753.8/17

Left In: -11.730 $\pm$ 0.002 χ^2/NDF : 20591.2/13

Left: -11.519 $\pm$ 0.002 χ^2/NDF : 239719.5/28

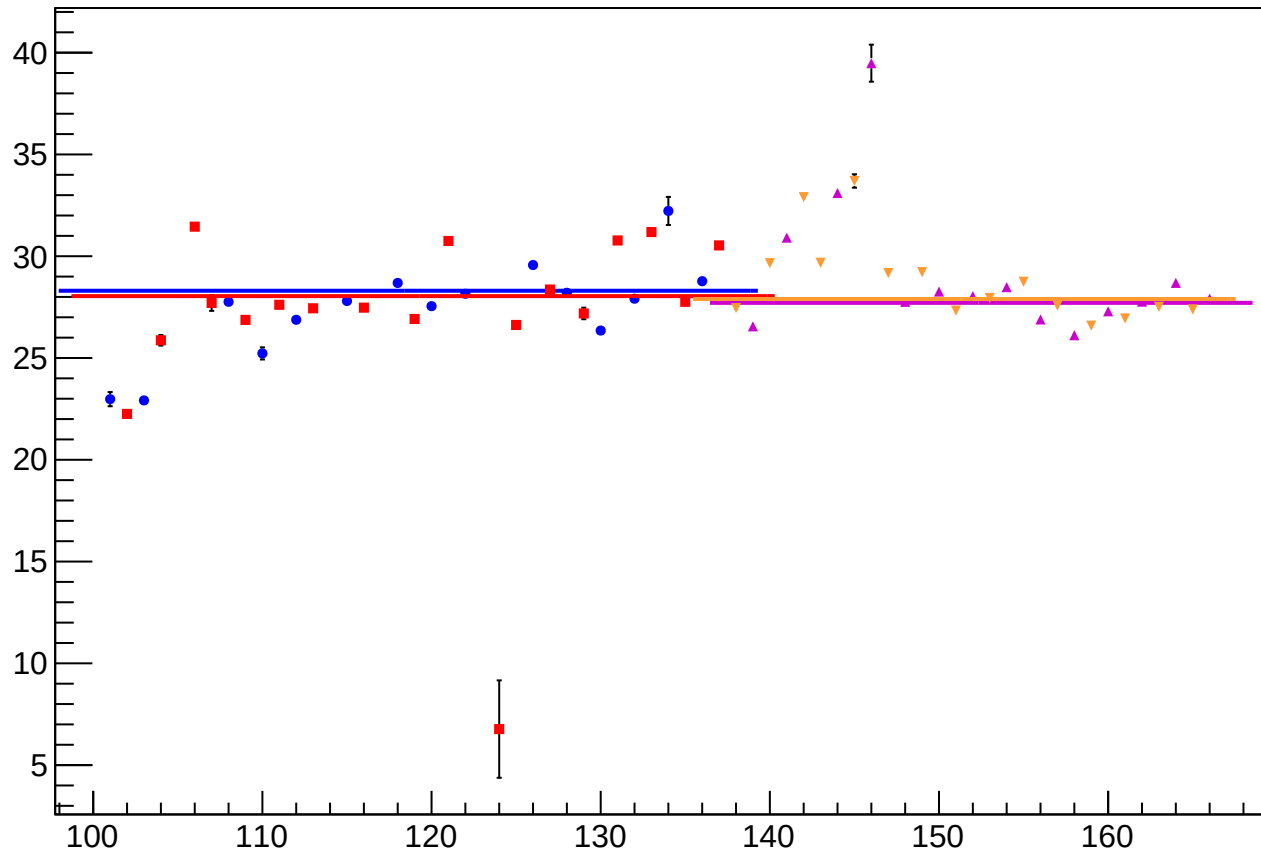
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -11.847 $\pm$ 0.002 χ^2/NDF : 126859.0/28

Out: -11.627 $\pm$ 0.002 χ^2/NDF : 380352.9/32

All: -11.742 $\pm$ 0.002 χ^2/NDF : 511971.7/61

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.898 ± 0.021 $\chi^2/\text{NDF}: 3557.4/14$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.709 ± 0.017 $\chi^2/\text{NDF}: 4636.4/13$

Left: 27.782 ± 0.013 $\chi^2/\text{NDF}: 8242.7/28$

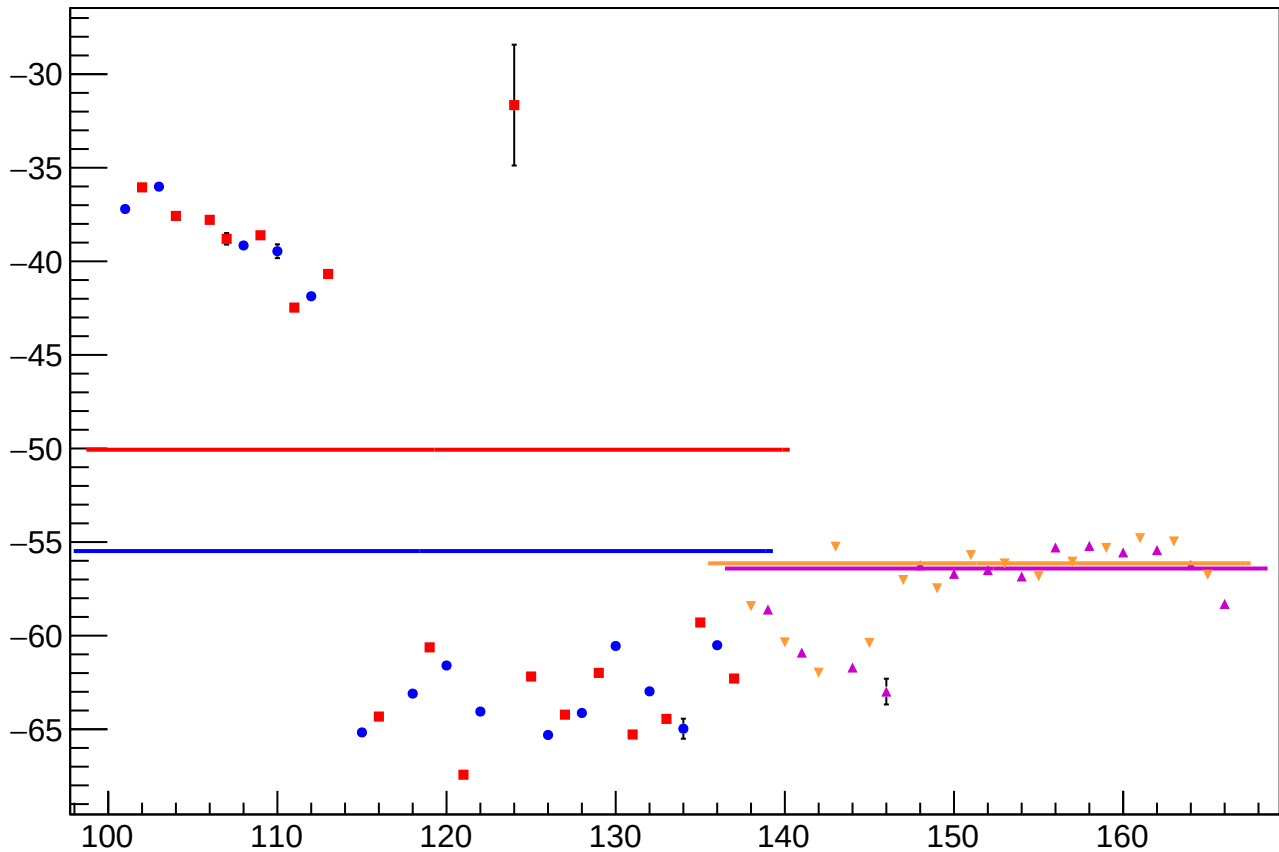
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/28$

Out: 27.944 ± 0.017 $\chi^2/\text{NDF}: 6133.7/32$

All: 27.926 ± 0.011 $\chi^2/\text{NDF}: 14605.8/61$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.134 ± 0.018 $\chi^2/\text{NDF}: 6589.9/14$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.413 ± 0.014 $\chi^2/\text{NDF}: 8176.9/13$

Left: -56.305 ± 0.011 $\chi^2/\text{NDF}: 14915.7/28$

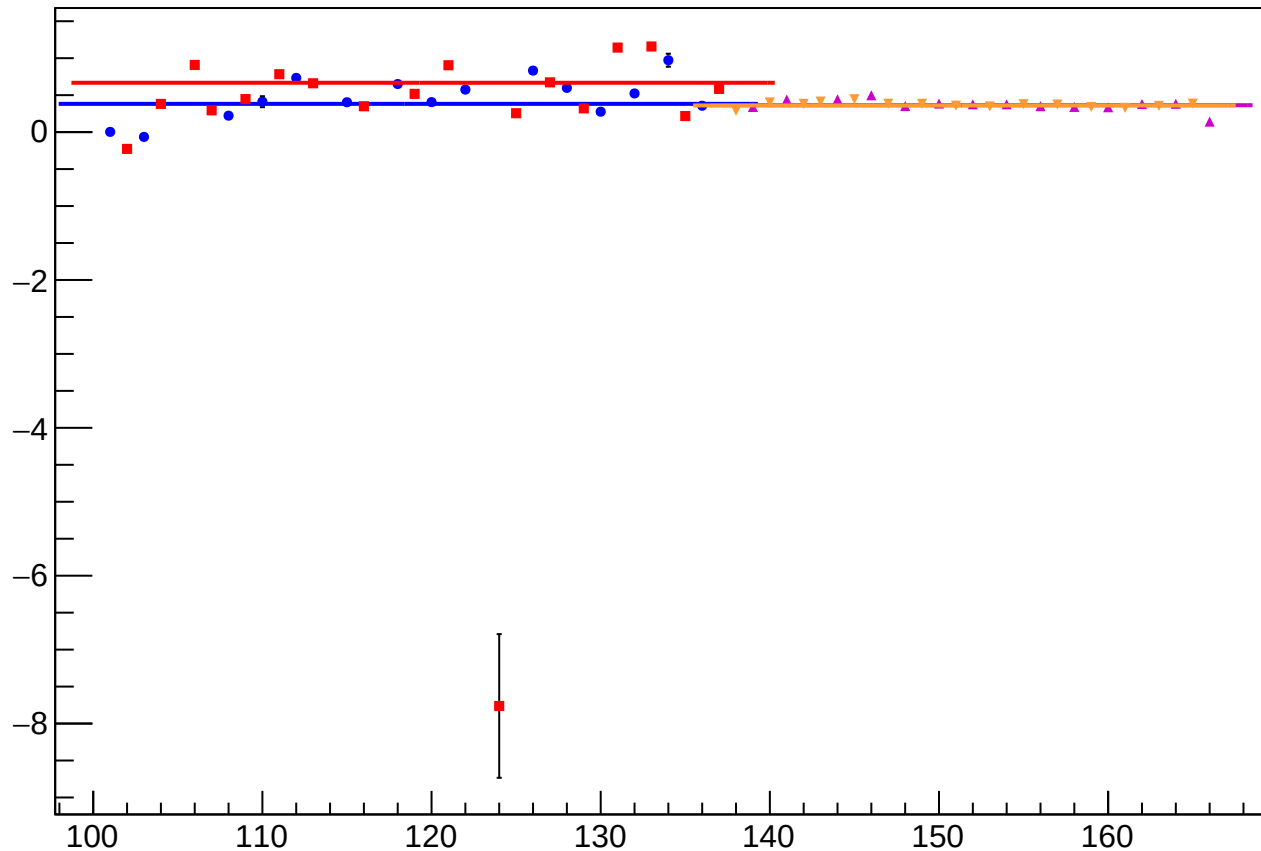
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.017 ± 0.011 $\chi^2/\text{NDF}: 605144.4/28$

Out: -53.864 ± 0.014 $\chi^2/\text{NDF}: 389794.0/32$

All: -55.226 ± 0.009 $\chi^2/\text{NDF}: 1009600.4/61$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.360 ± 0.000 $\chi^2/\text{NDF}: 3888.1/14$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.364 ± 0.000 $\chi^2/\text{NDF}: 5078.4/13$

Left: 0.363 ± 0.000 $\chi^2/\text{NDF}: 9012.3/28$

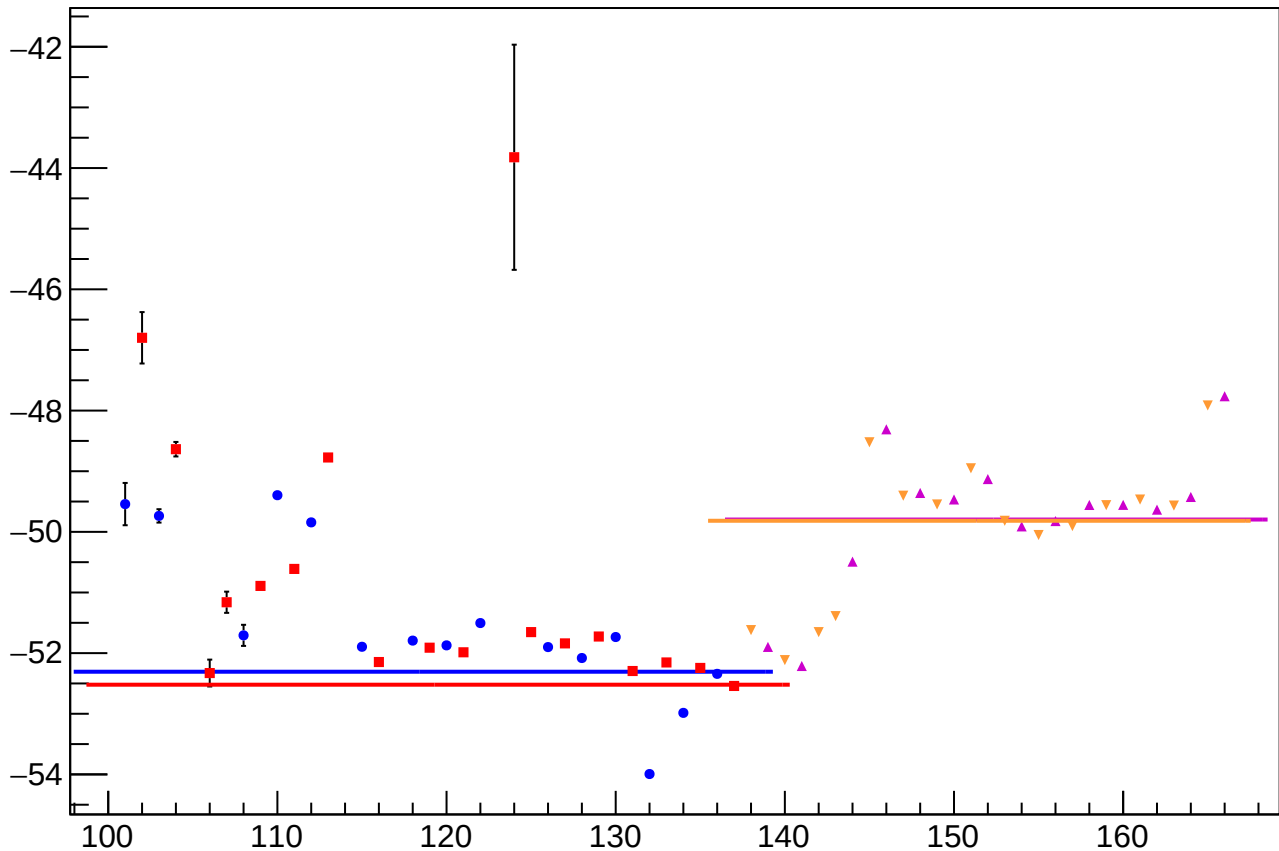
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 9794.5/28$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 12002.5/32$

All: 0.364 ± 0.000 $\chi^2/\text{NDF}: 21813.1/61$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.817 $\pm$ 0.002 χ^2 /NDF:174524.8/14

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.797 $\pm$ 0.002 χ^2 /NDF:256130.5/13

Left: -49.806 $\pm$ 0.001 χ^2 /NDF: 430730.6/28

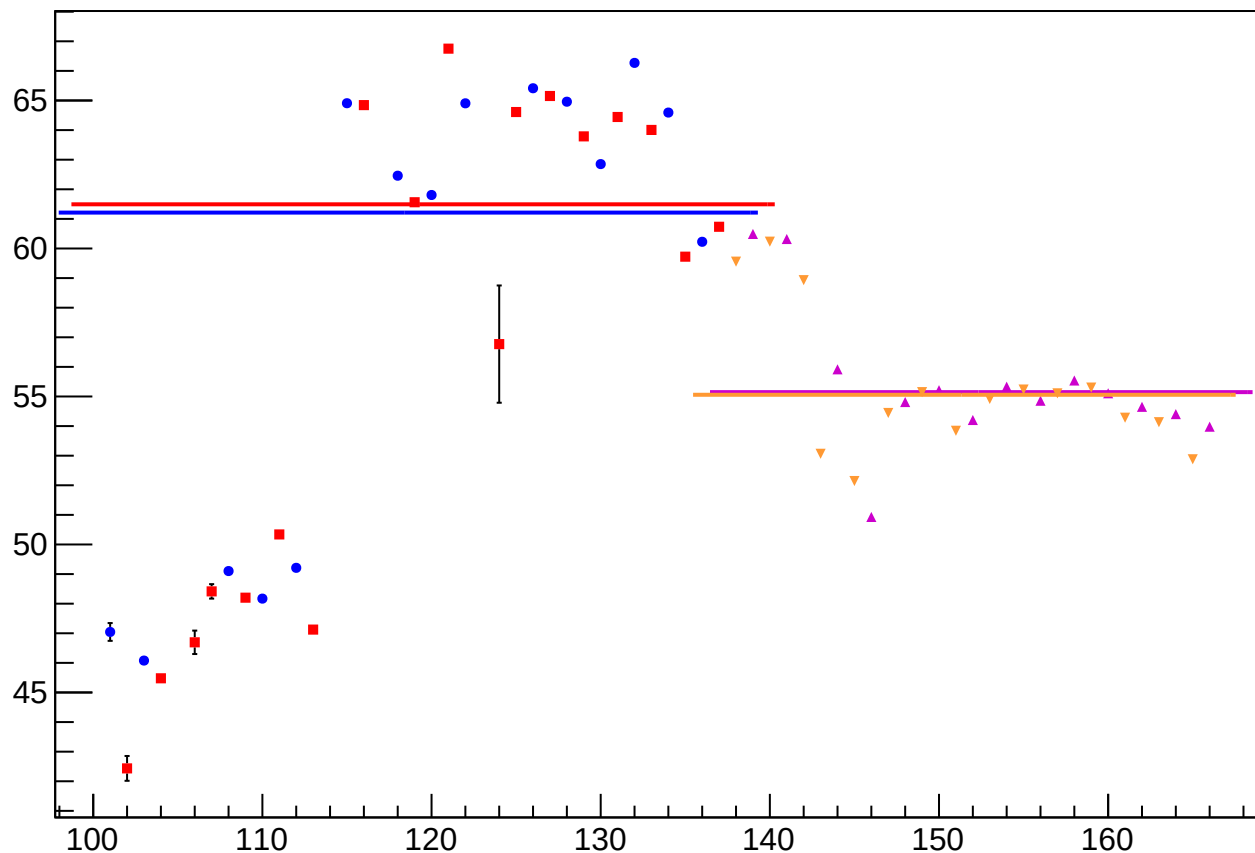
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.158 $\pm$ 0.001 χ^2 /NDF:639590.2/28

Out: -51.719 $\pm$ 0.001 χ^2 /NDF:1970252.1/32

All: -51.278 $\pm$ 0.001 χ^2 /NDF: 3414891.7/61

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.058 ± 0.004 $\chi^2/\text{NDF}: 205178.3/14$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.147 ± 0.003 $\chi^2/\text{NDF}: 63209.1/13$

Left: 55.109 ± 0.002 $\chi^2/\text{NDF}: 268749.6/28$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.668 ± 0.003 $\chi^2/\text{NDF}: 561140.3/28$

Out: 56.468 ± 0.003 $\chi^2/\text{NDF}: 1165303.1/32$

All: 56.037 ± 0.002 $\chi^2/\text{NDF}: 1761372.5/61$

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

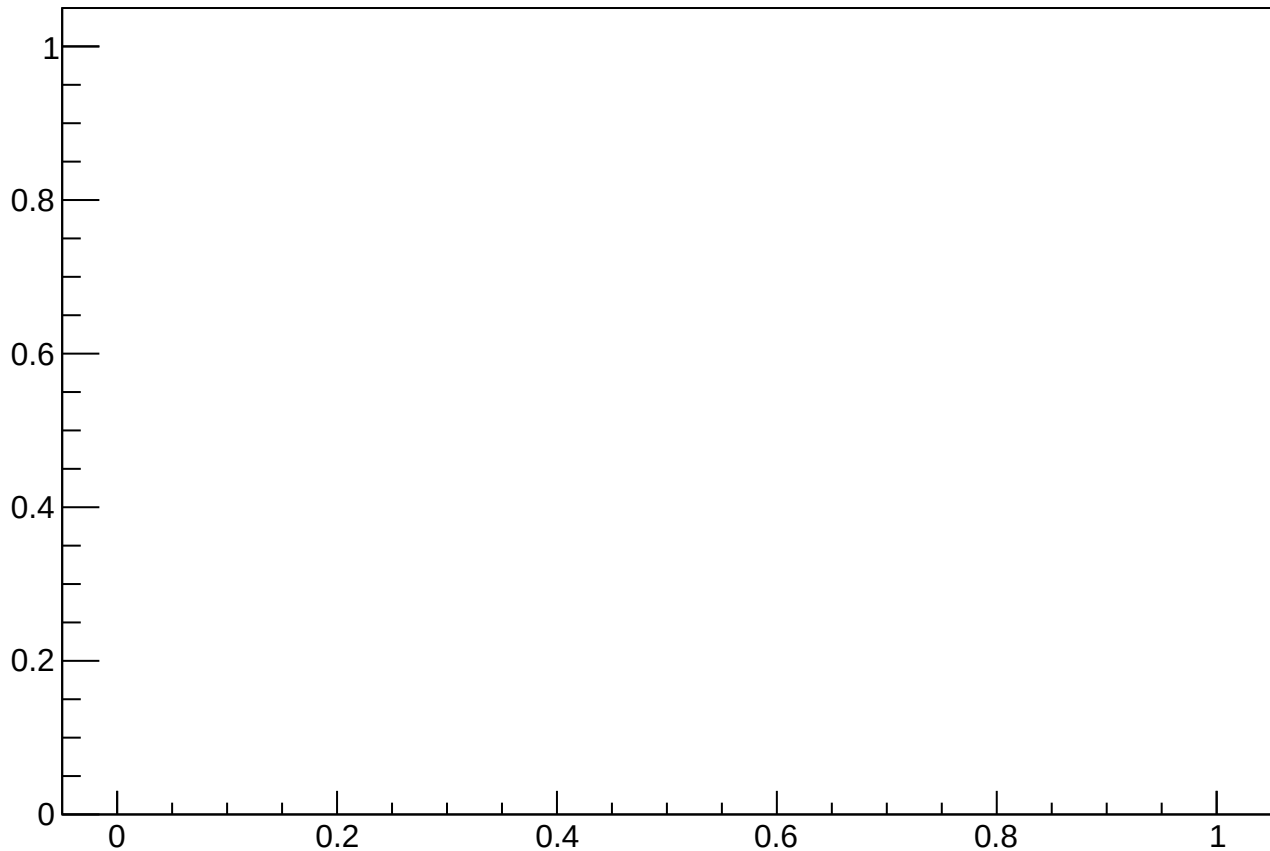
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

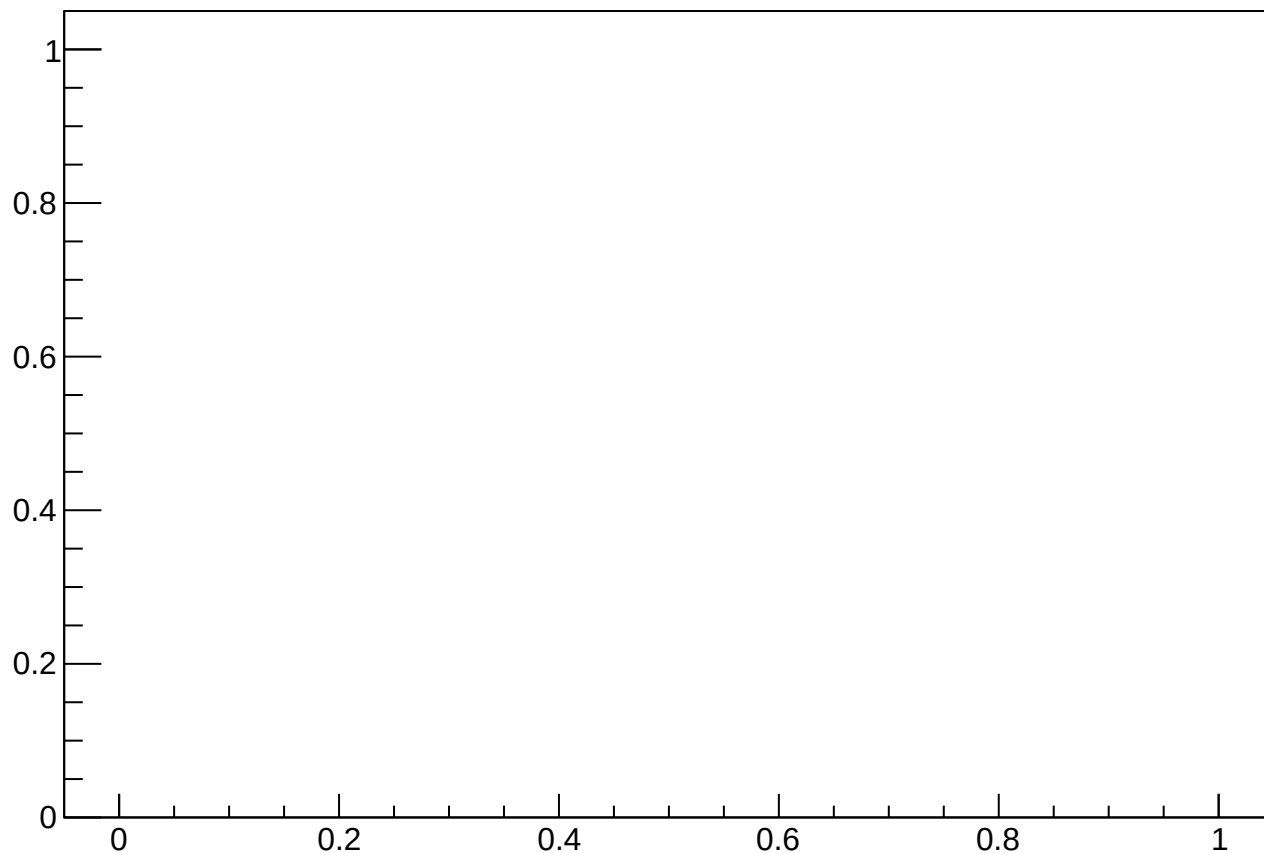
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

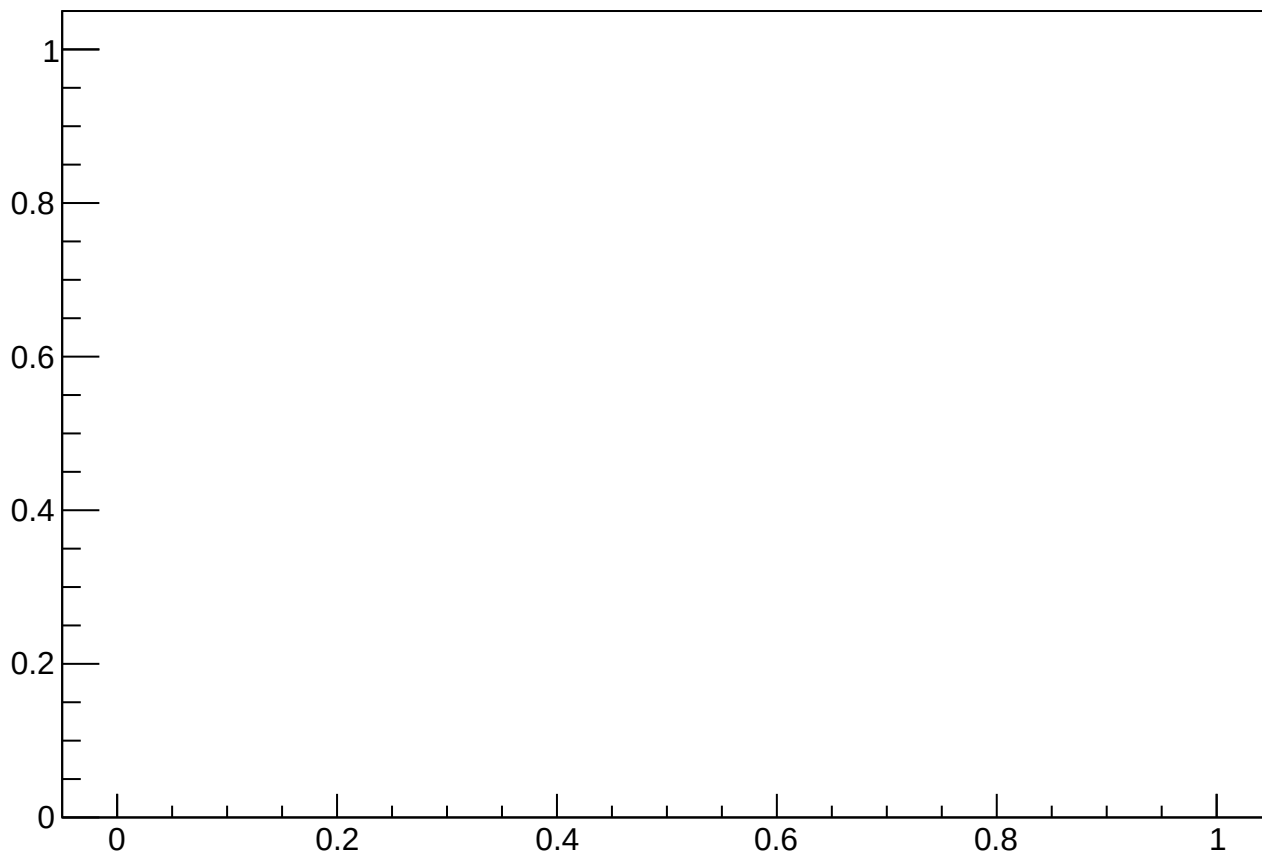
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

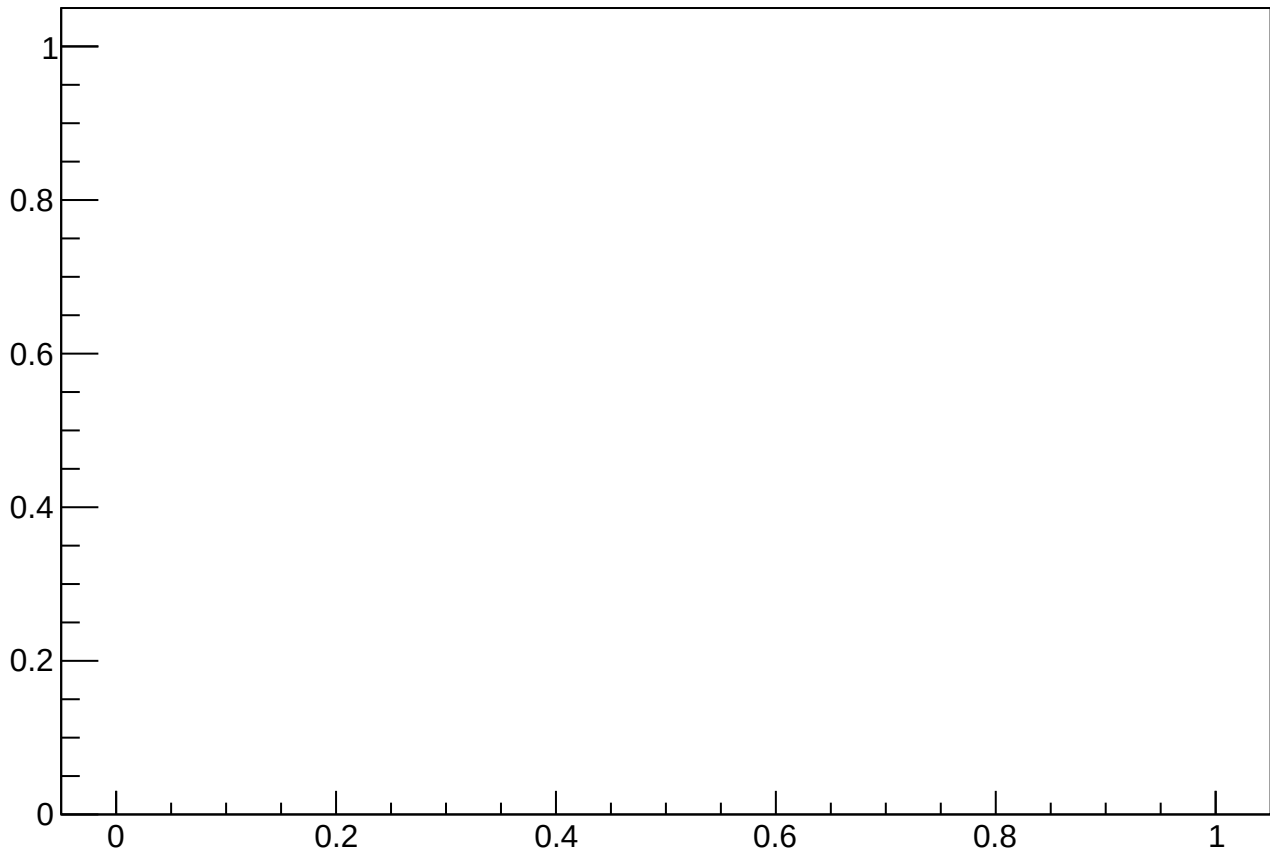
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

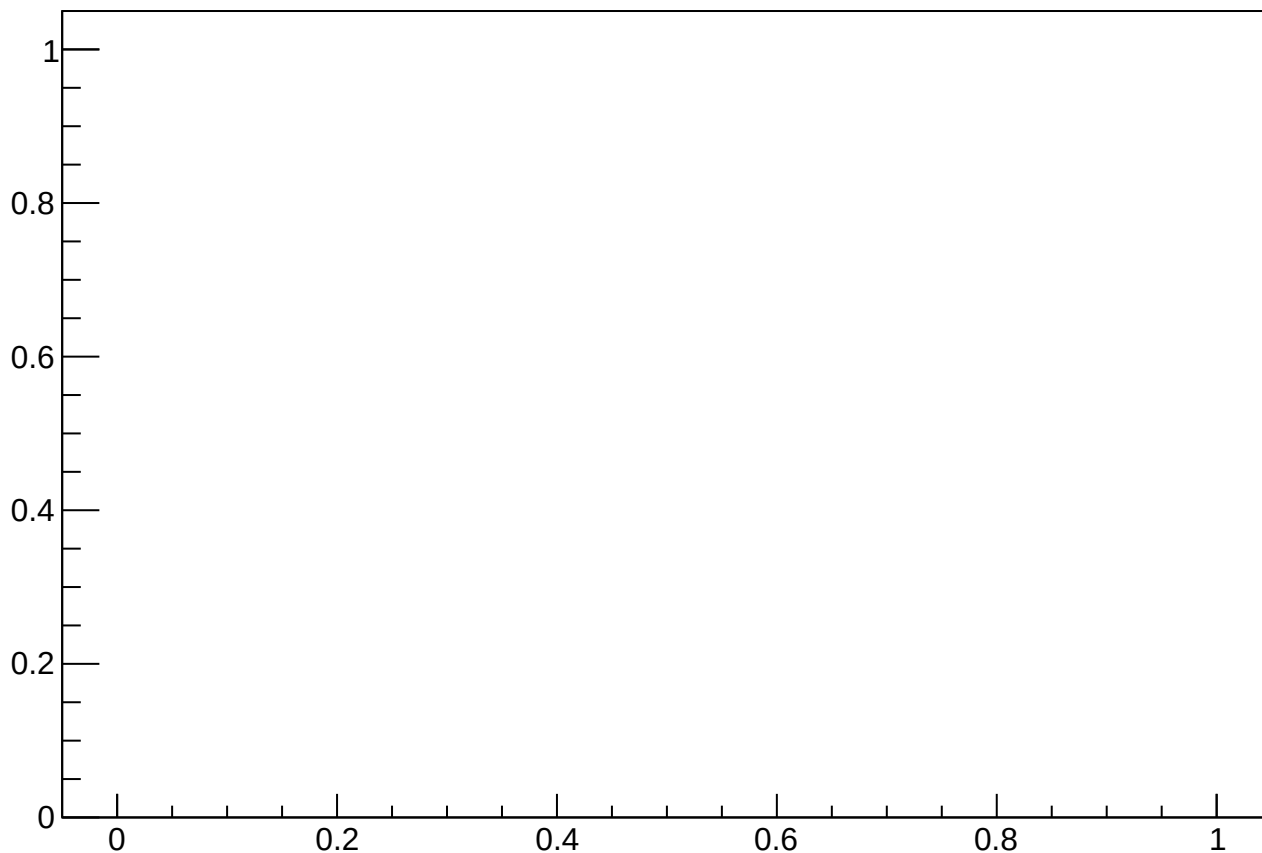
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

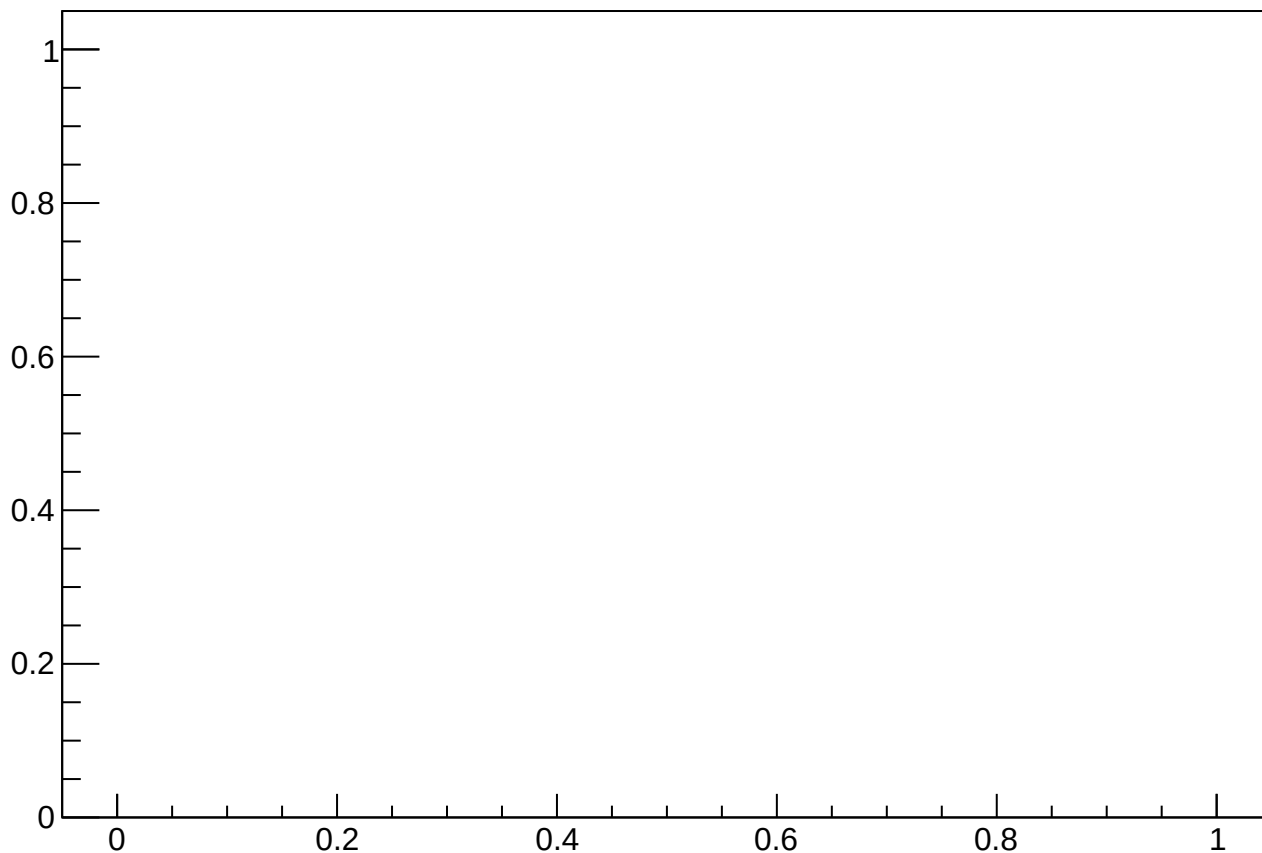
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

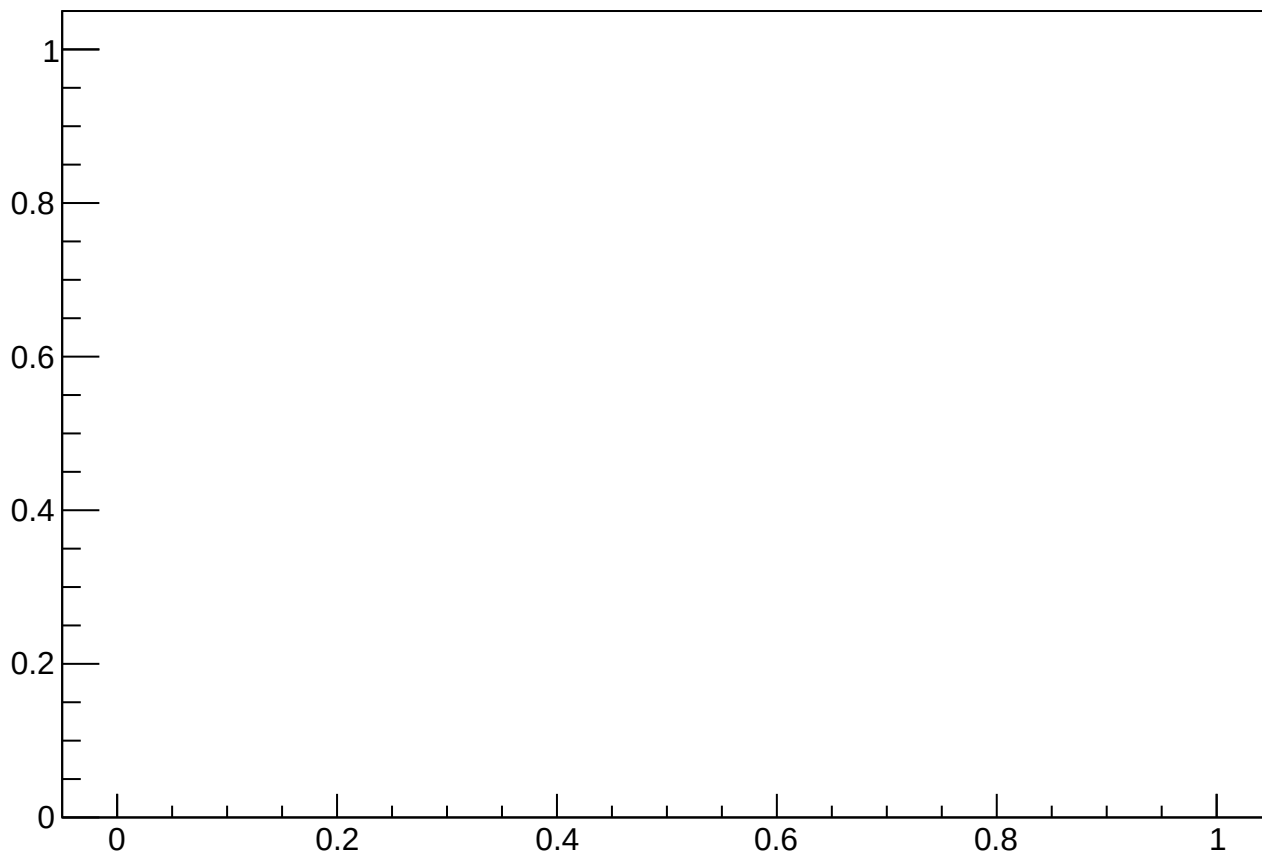
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

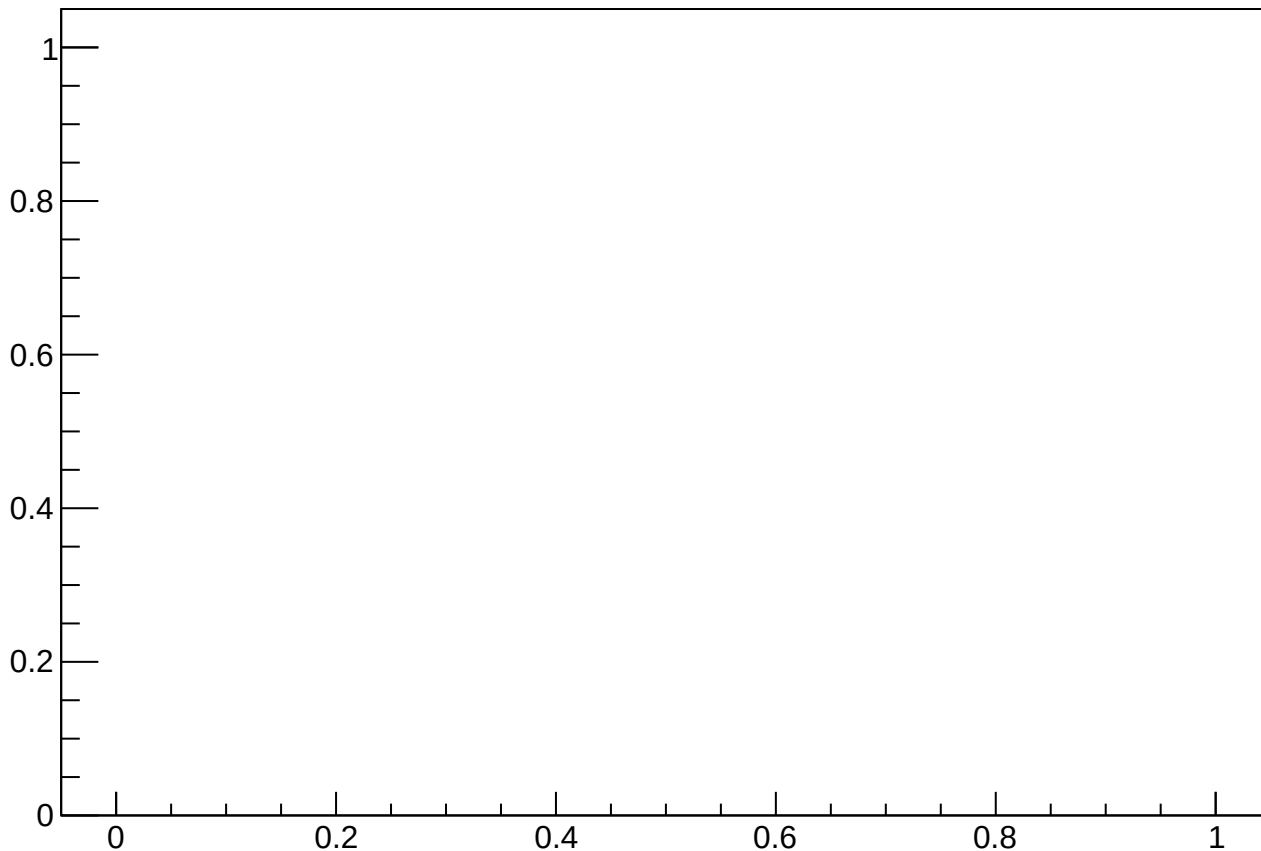
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

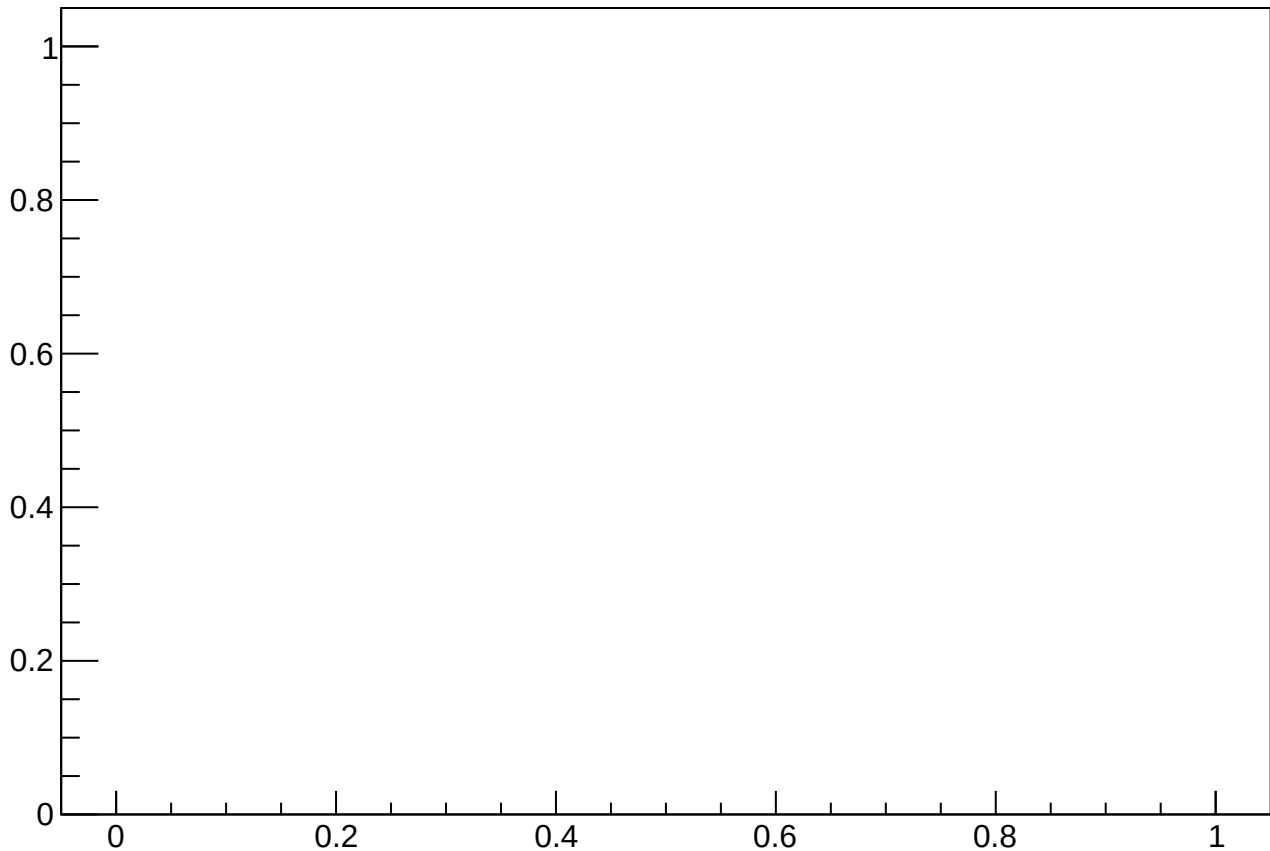
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

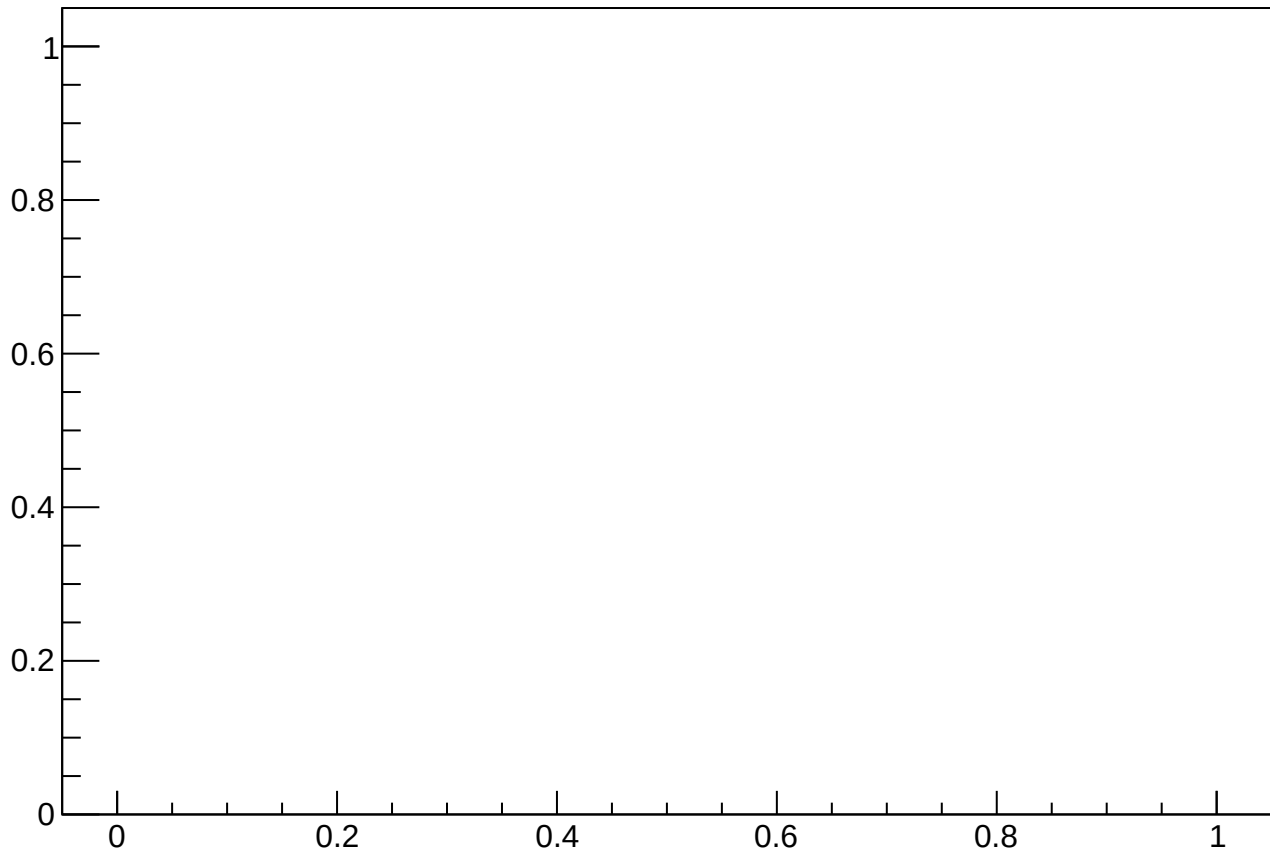
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

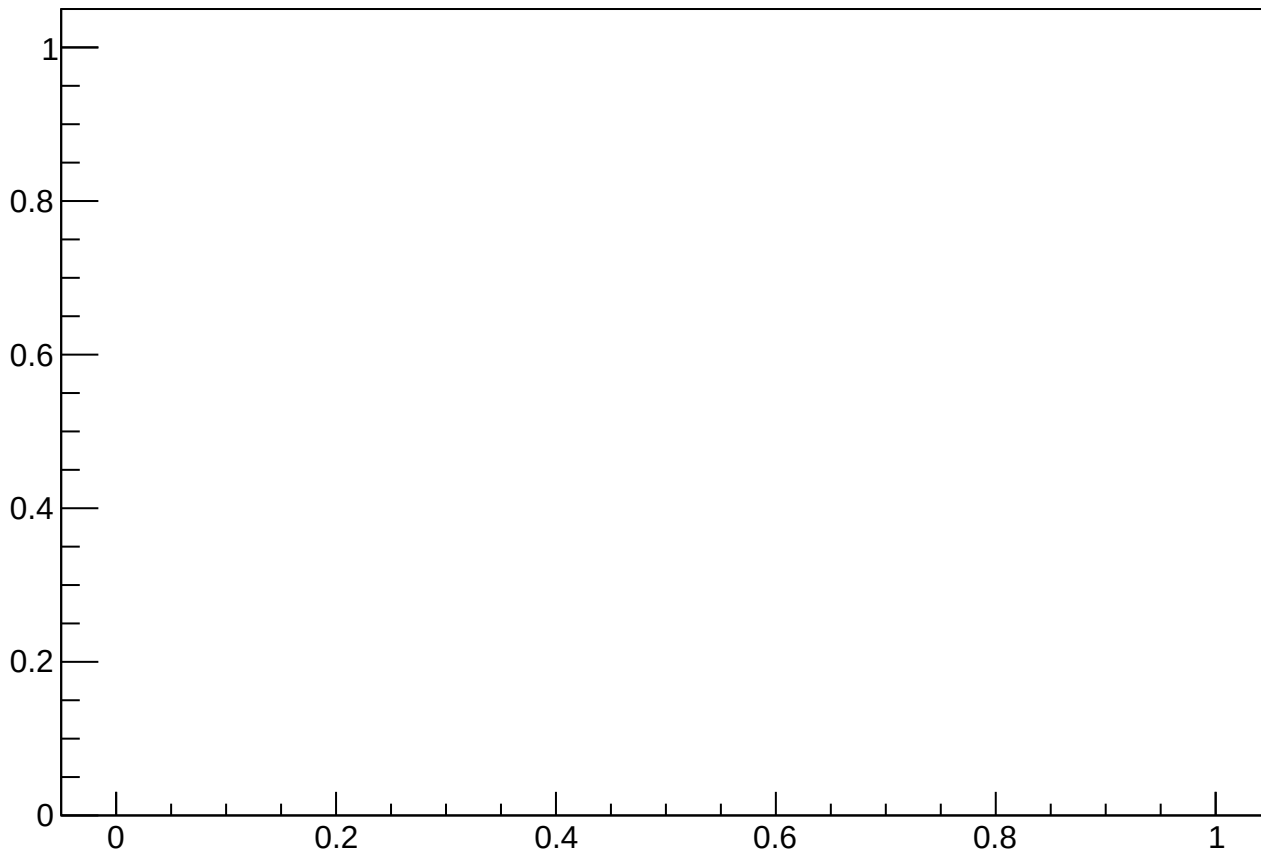
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

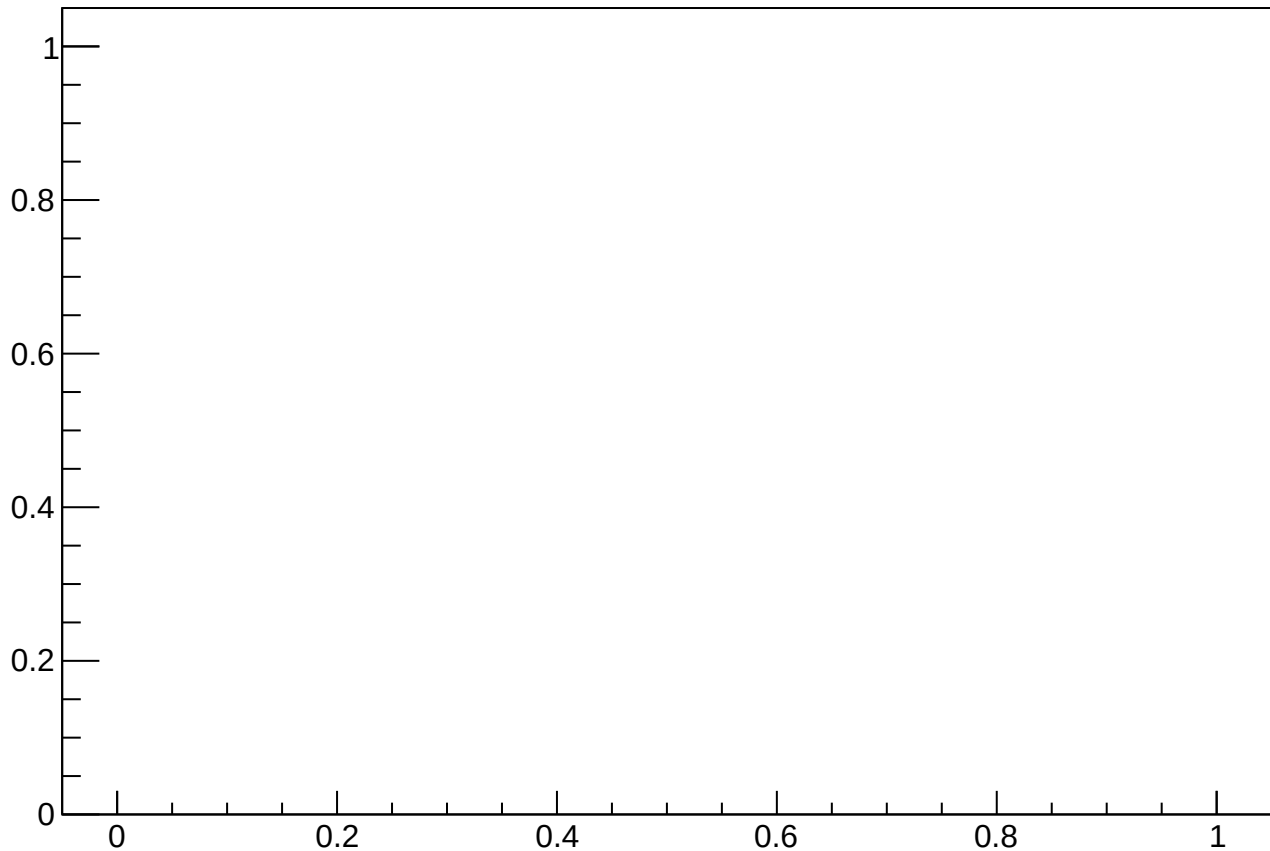
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

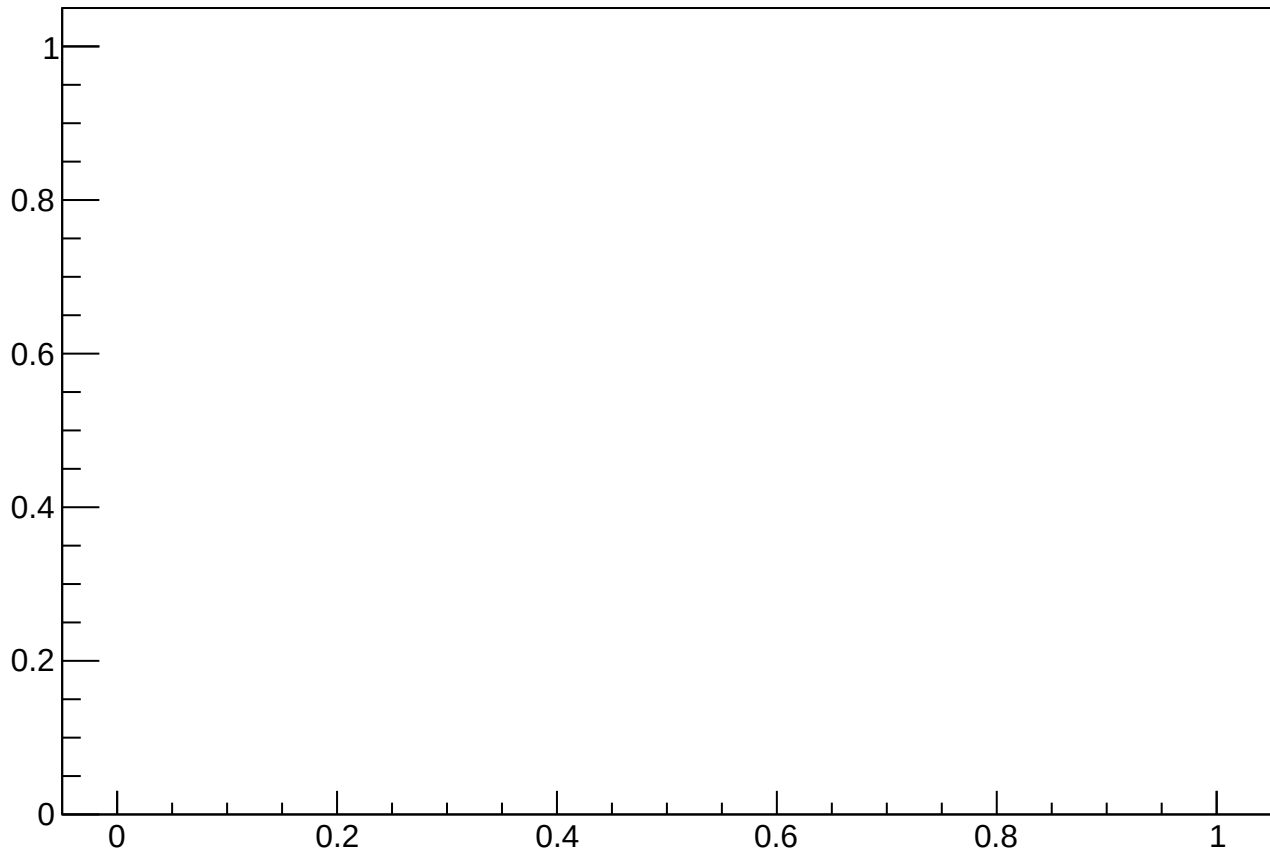
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

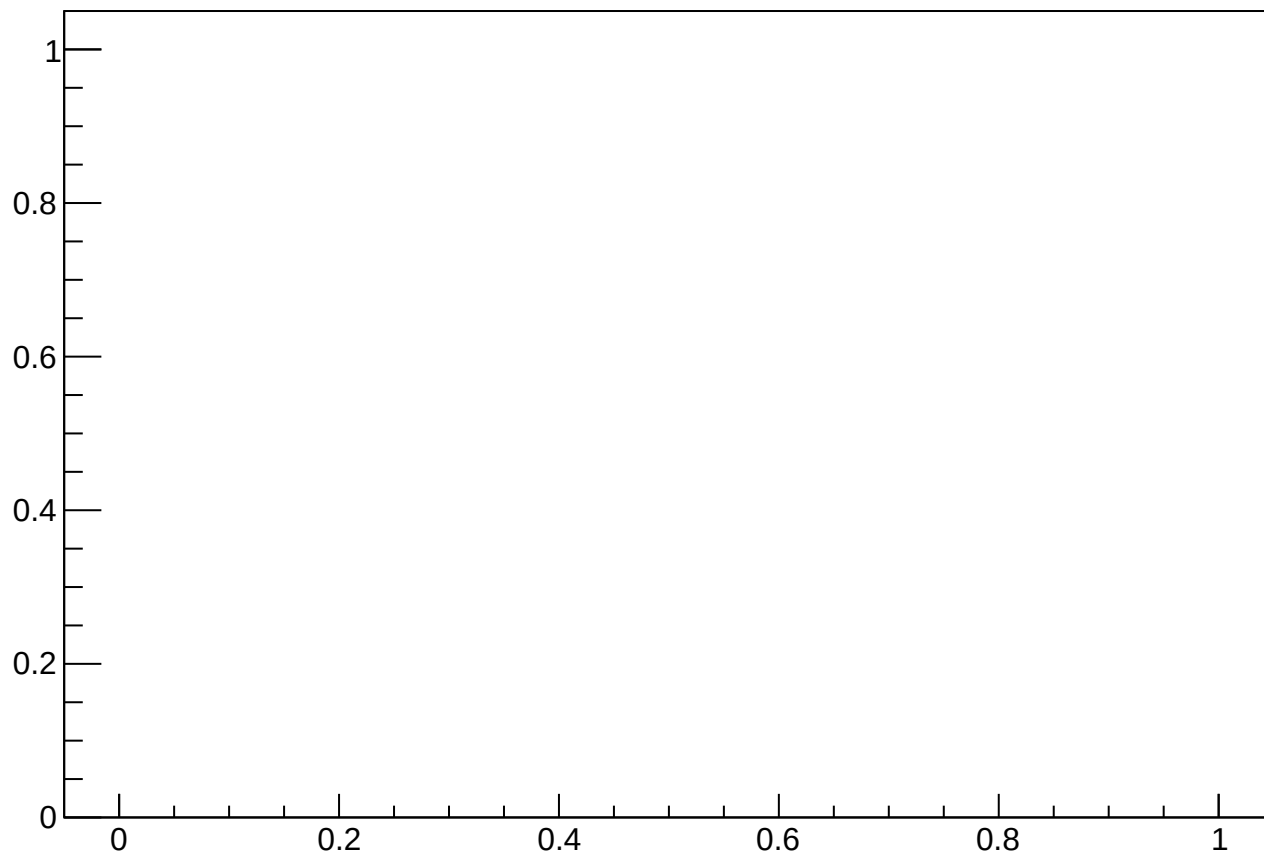
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

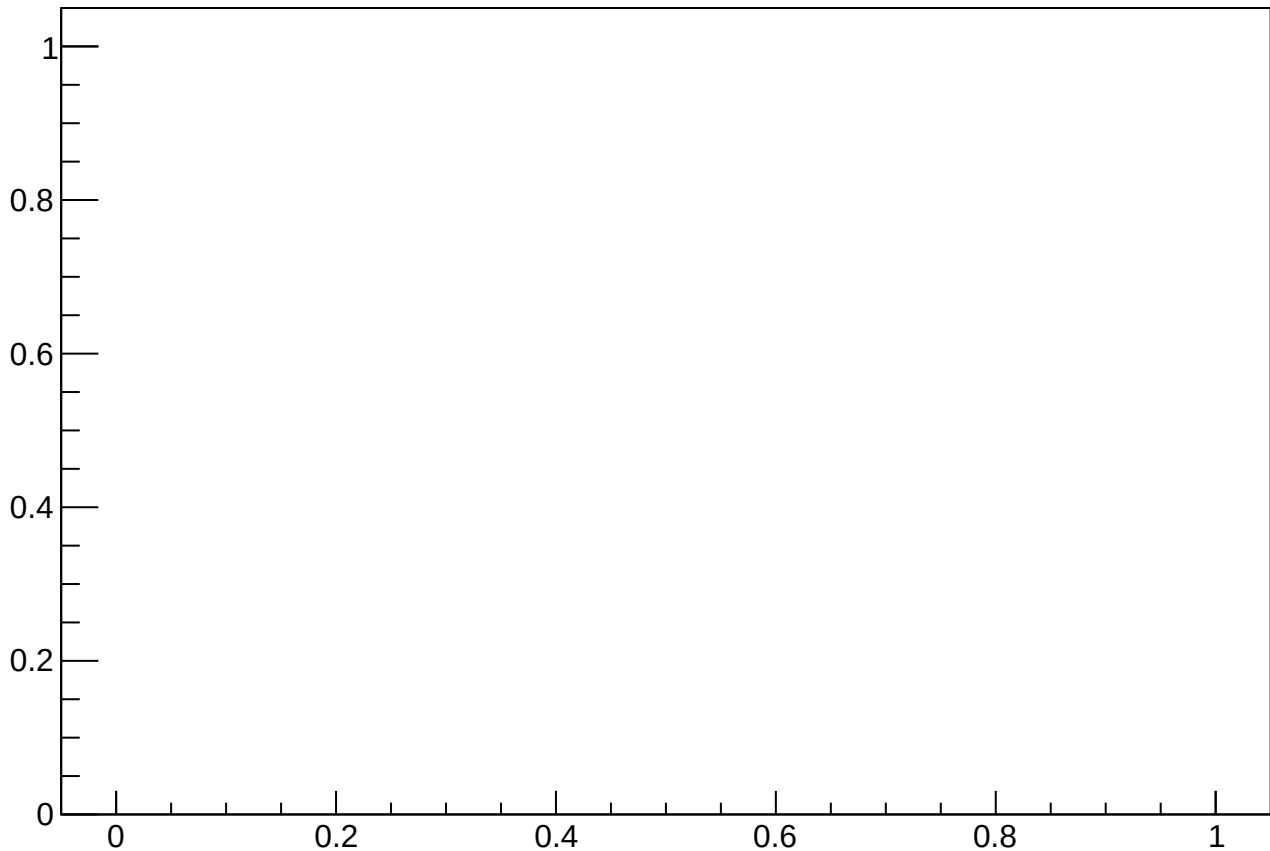
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

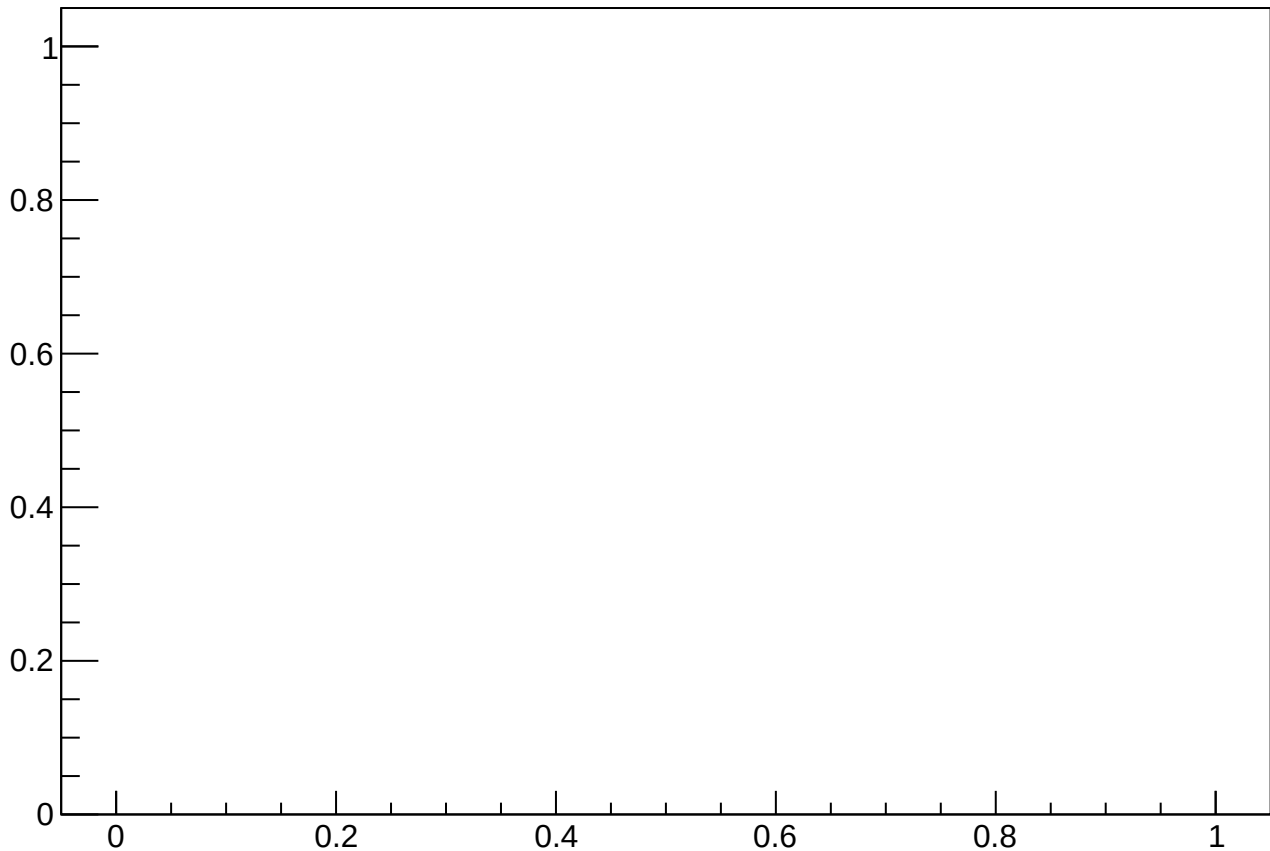
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

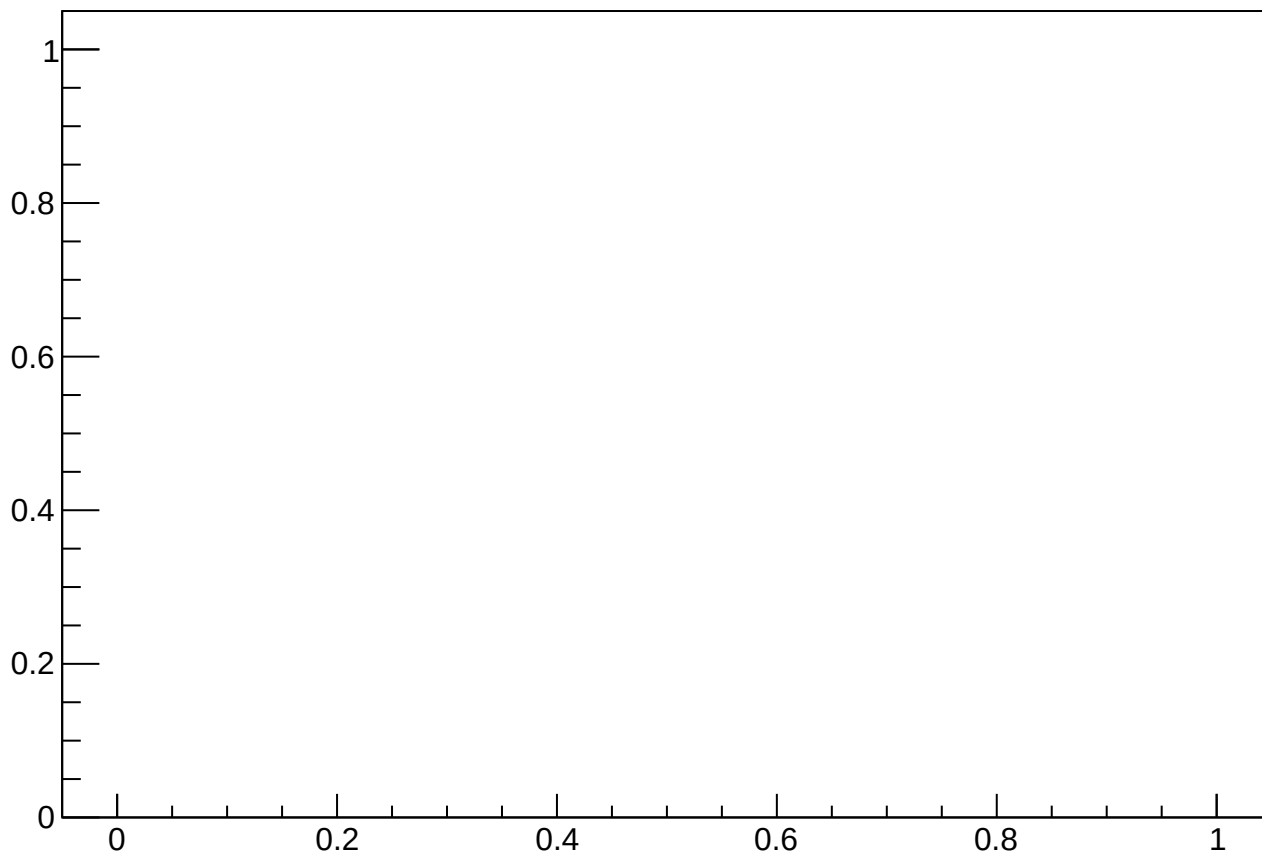
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

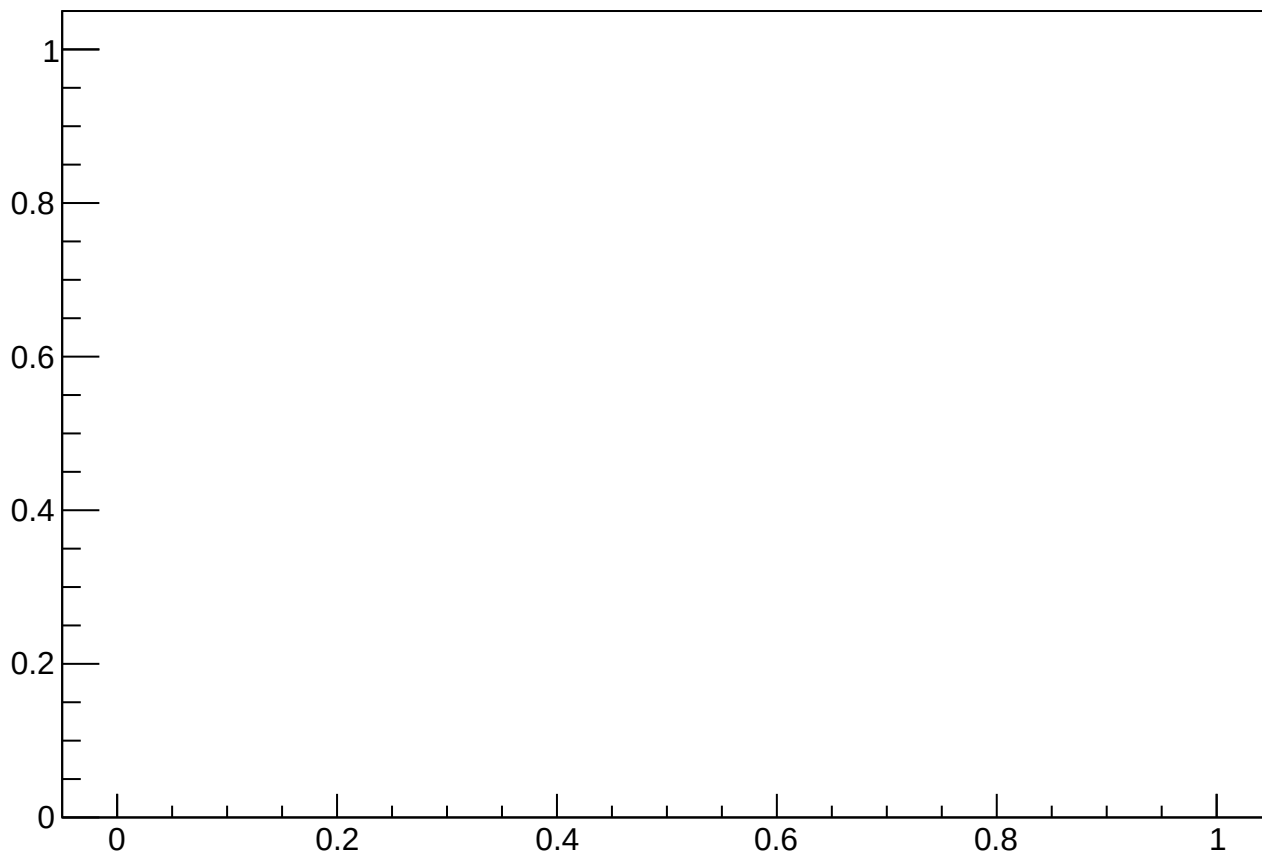
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

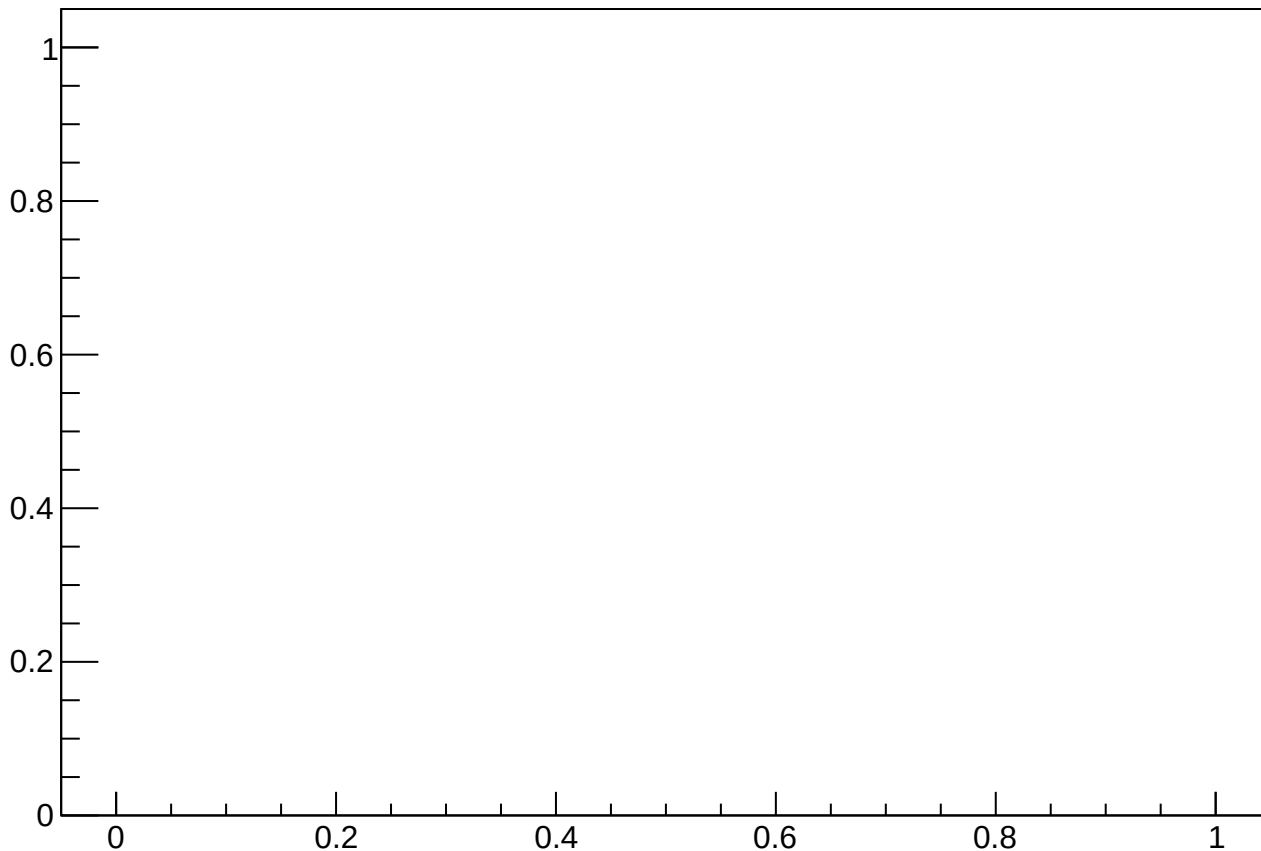
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

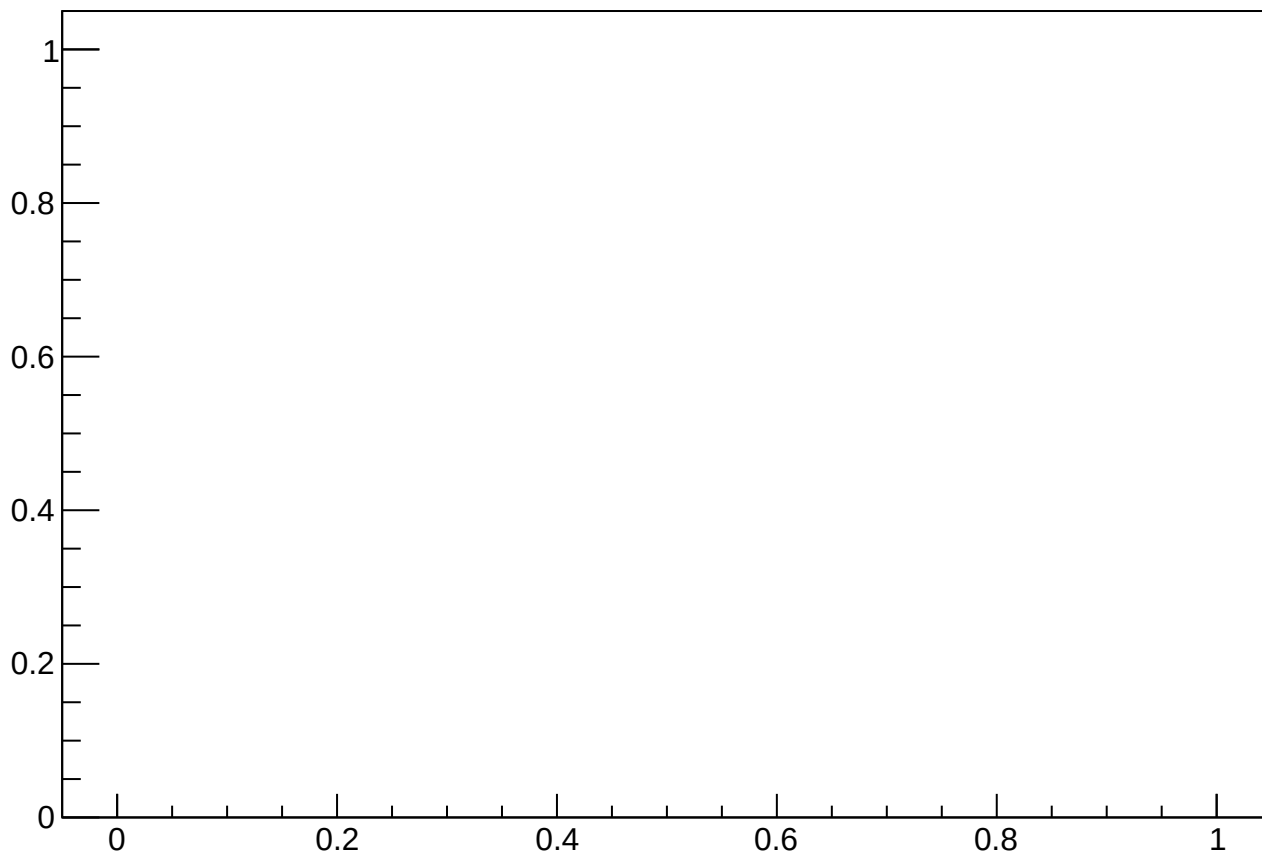
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

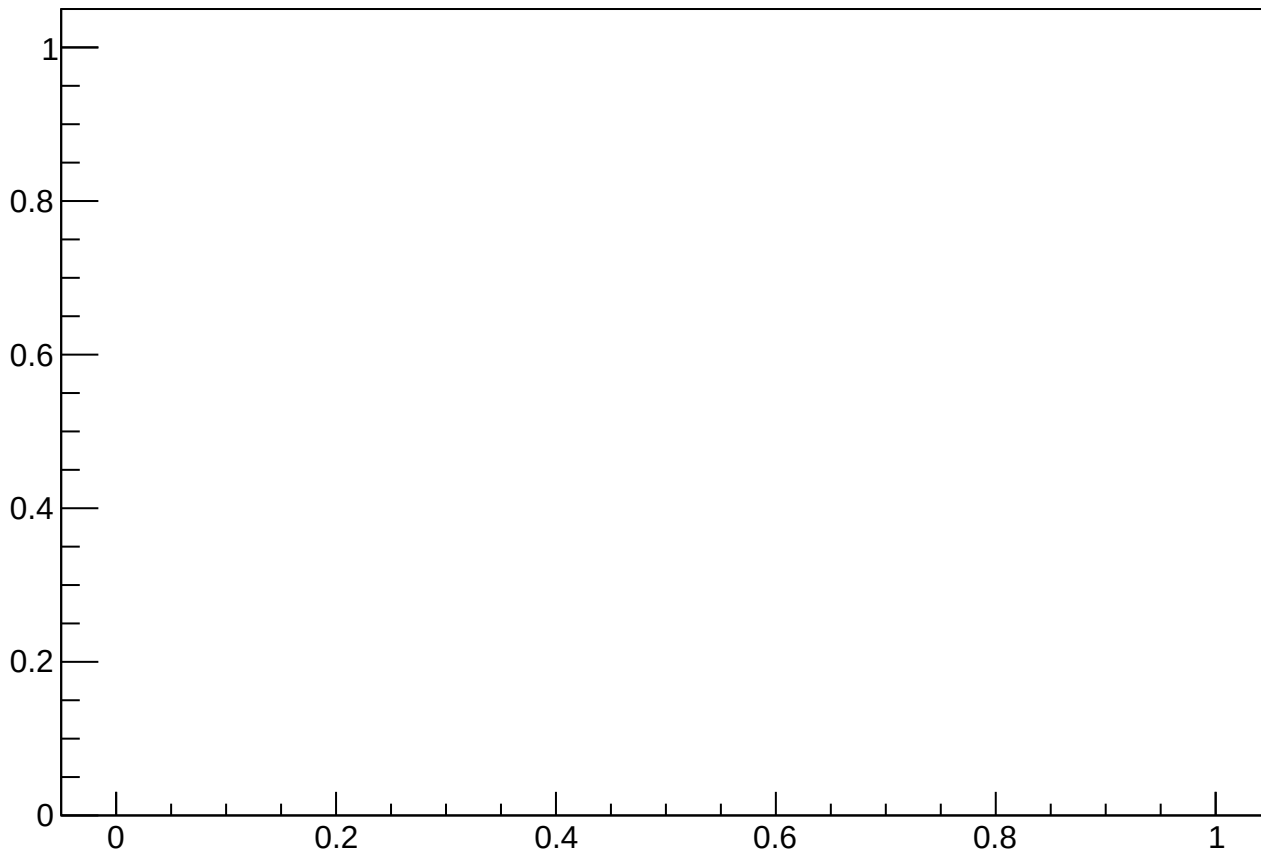
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

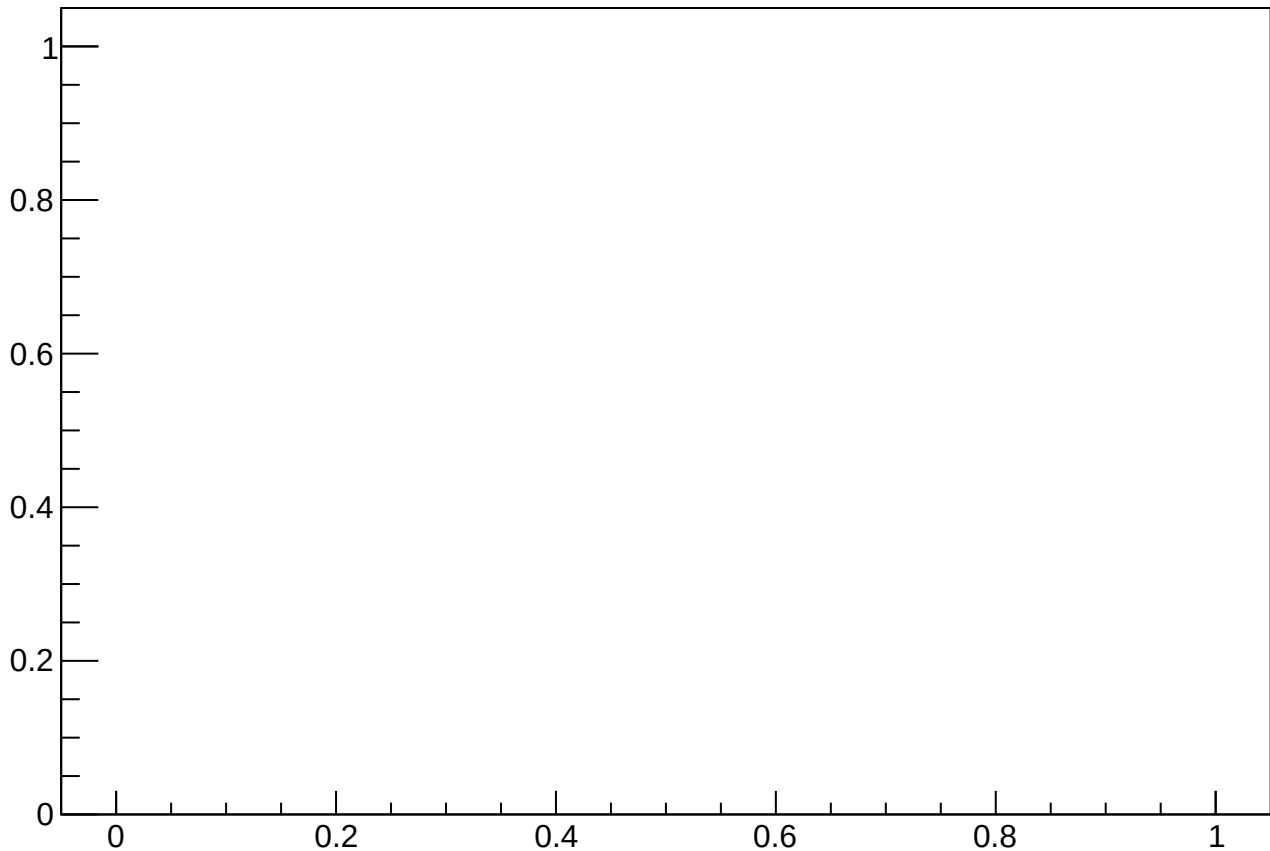
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

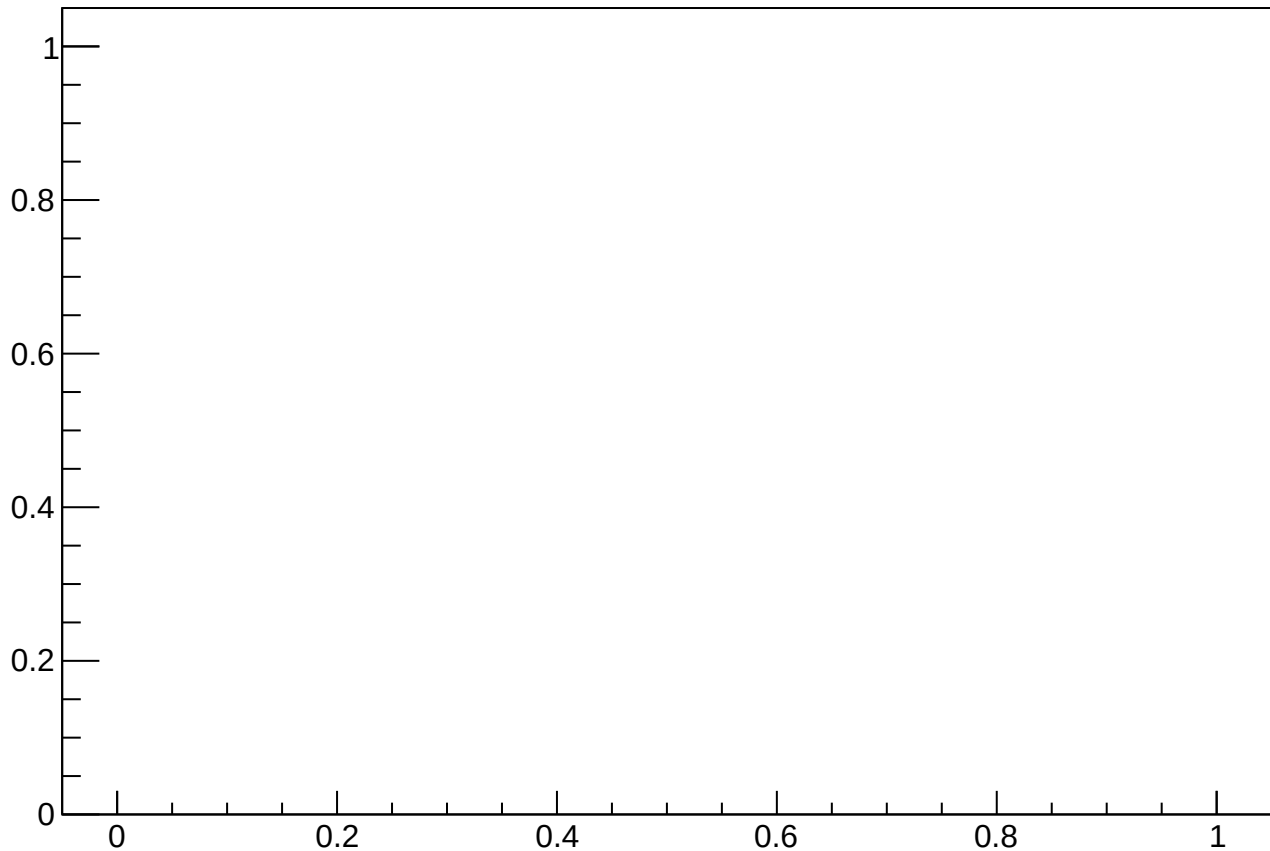
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

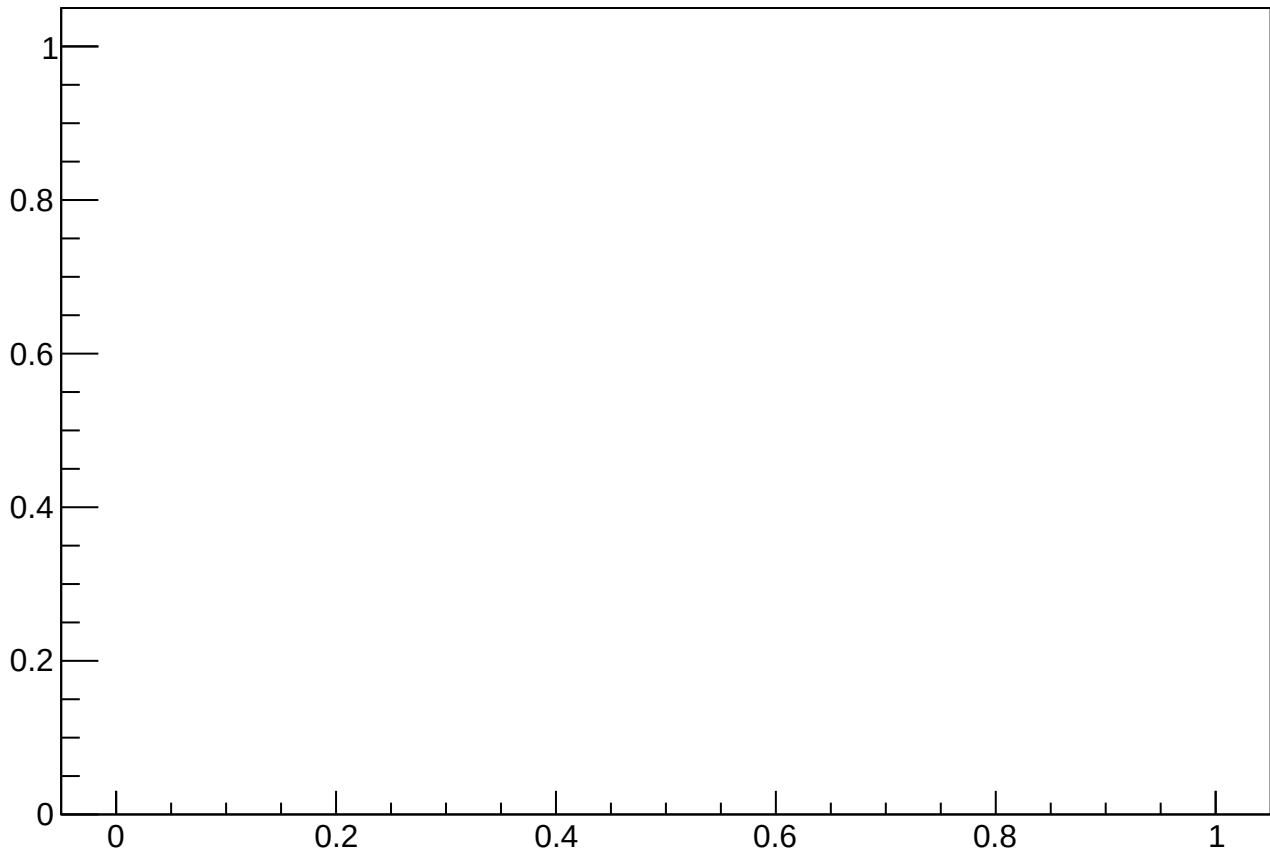
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

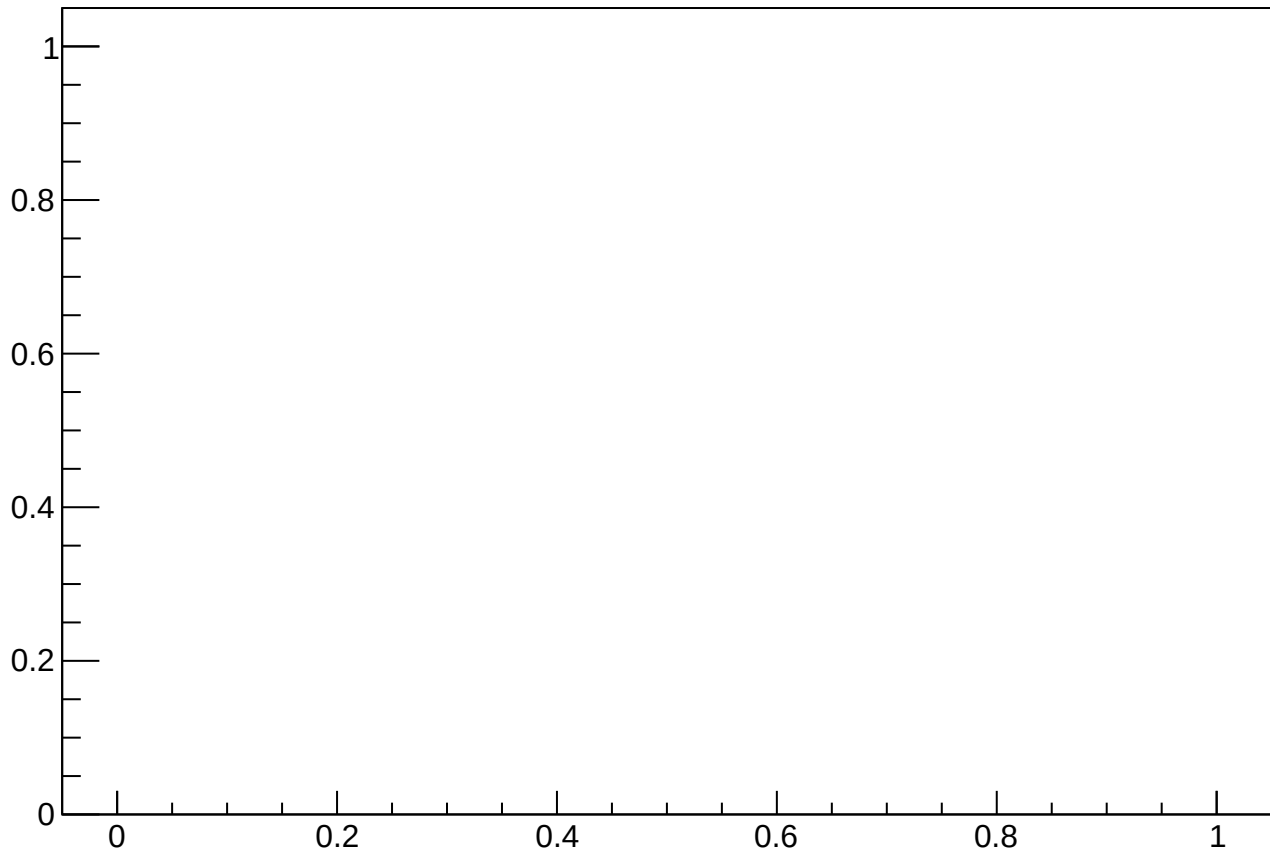
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

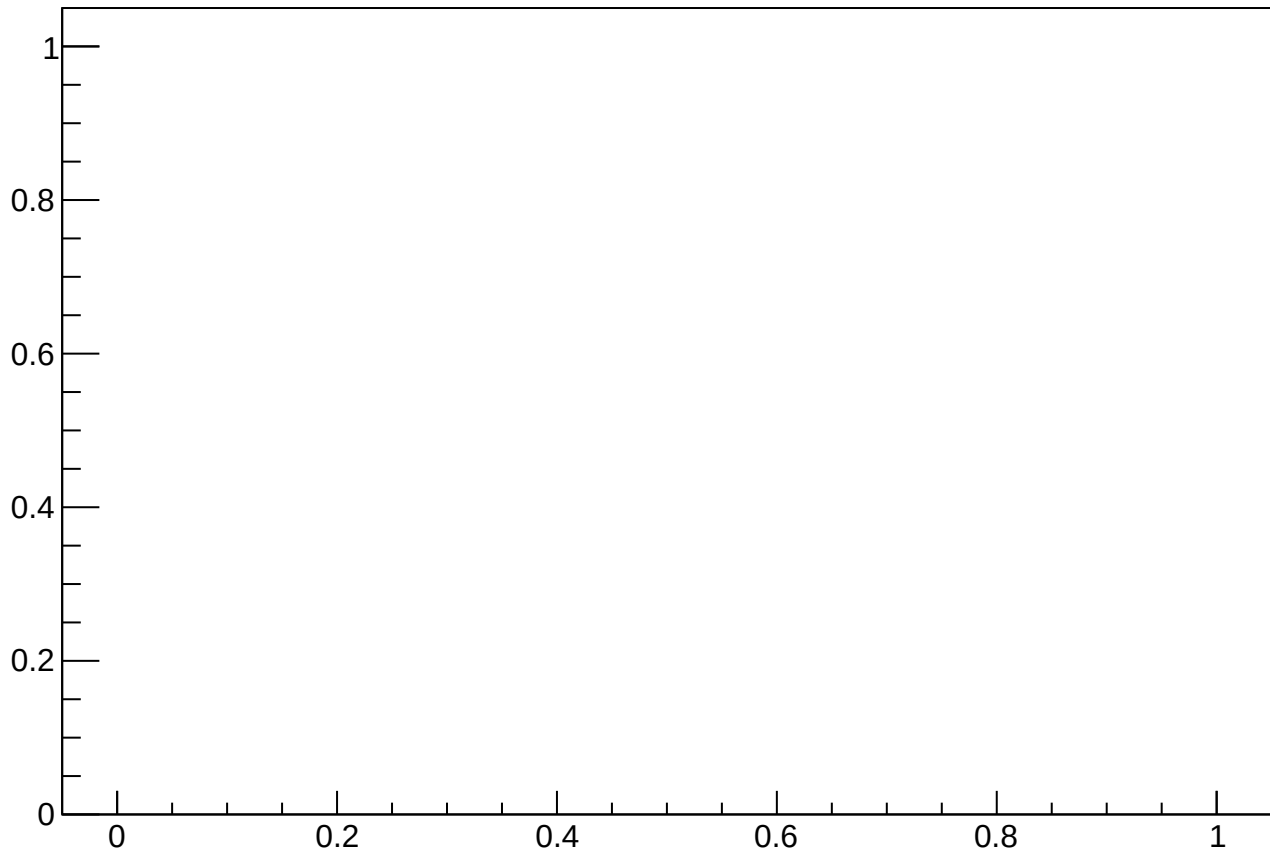
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

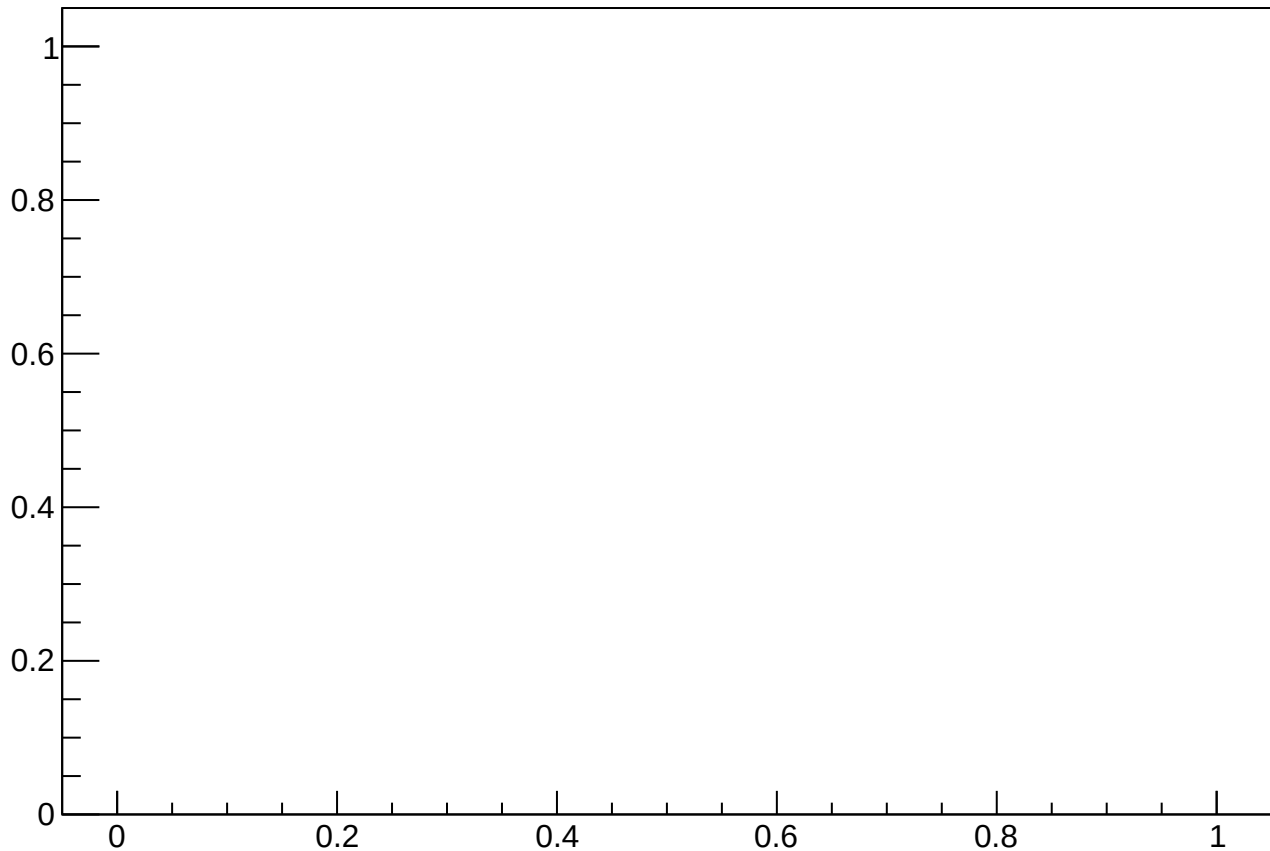
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

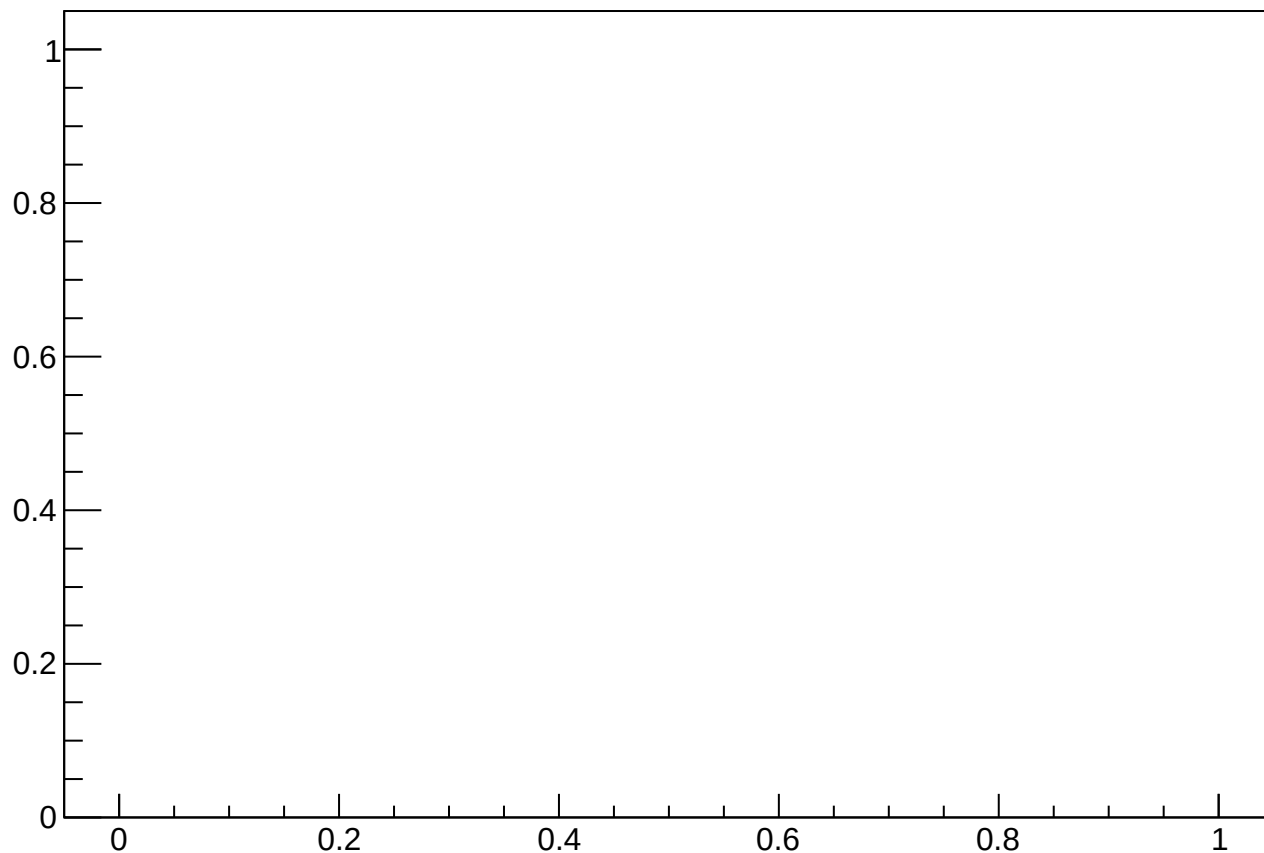
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

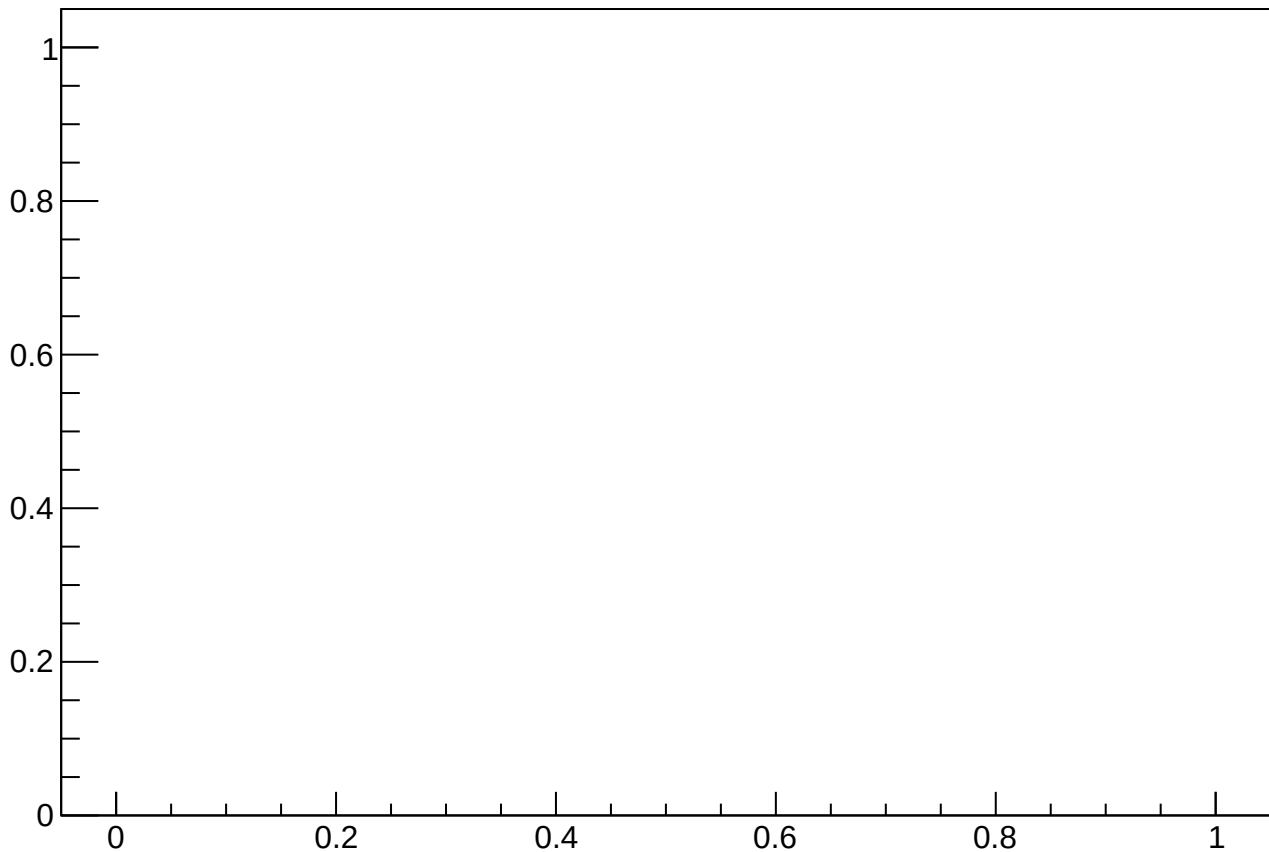
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

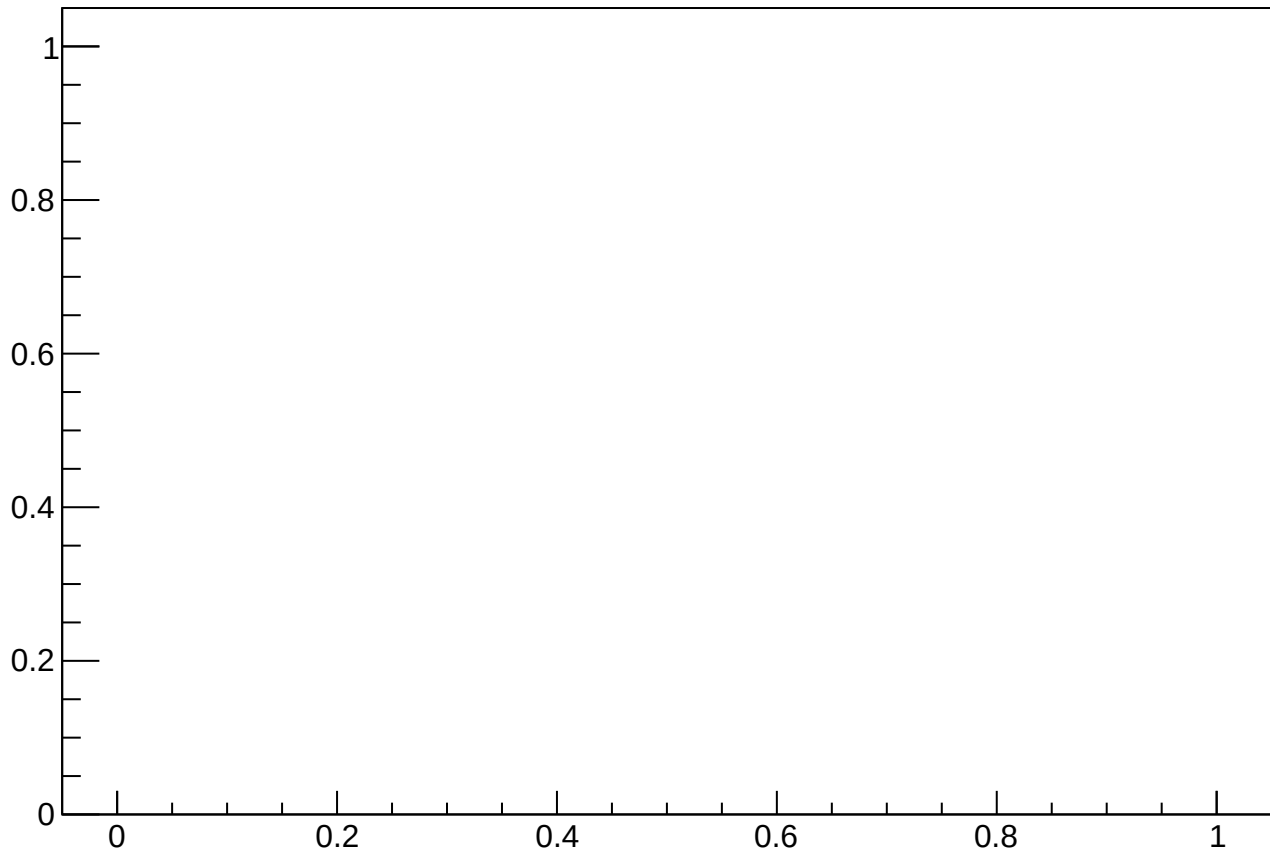
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

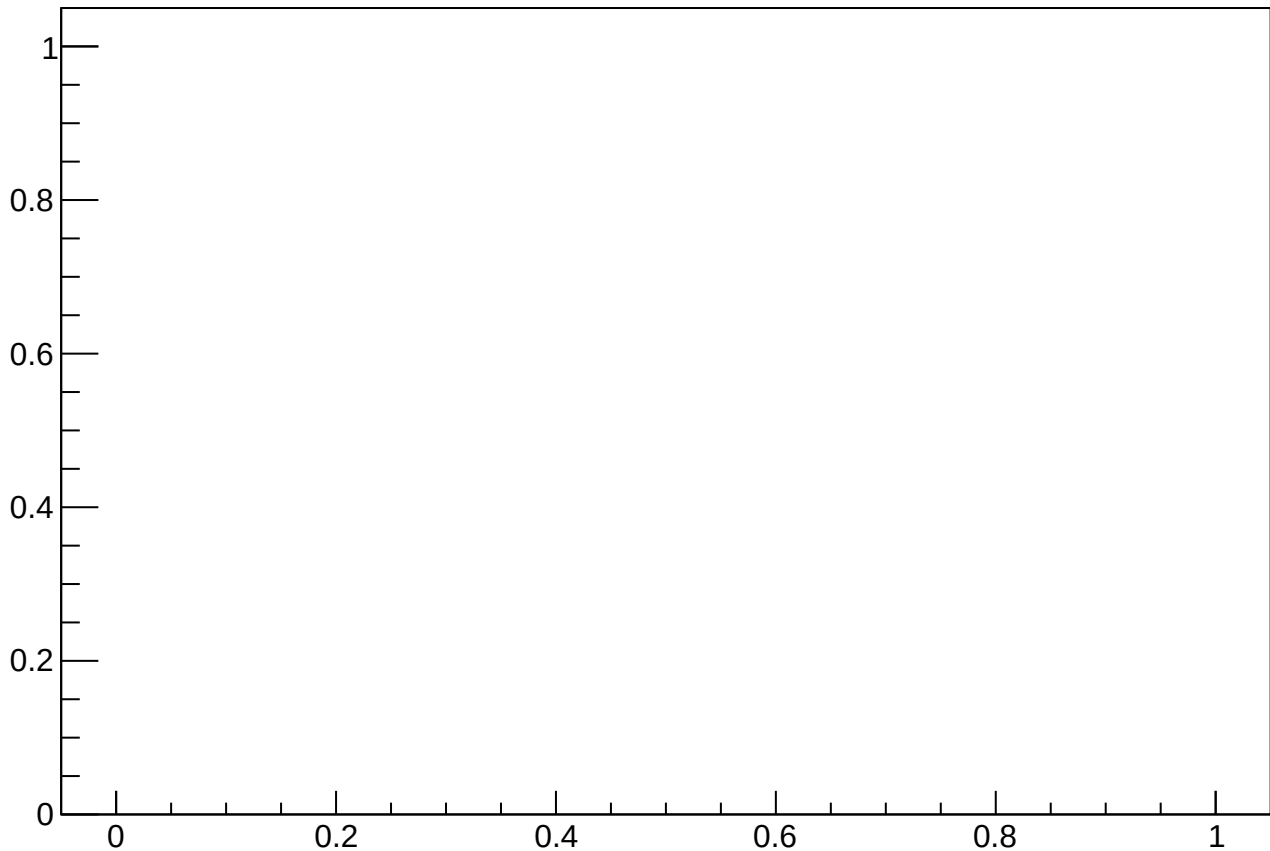
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

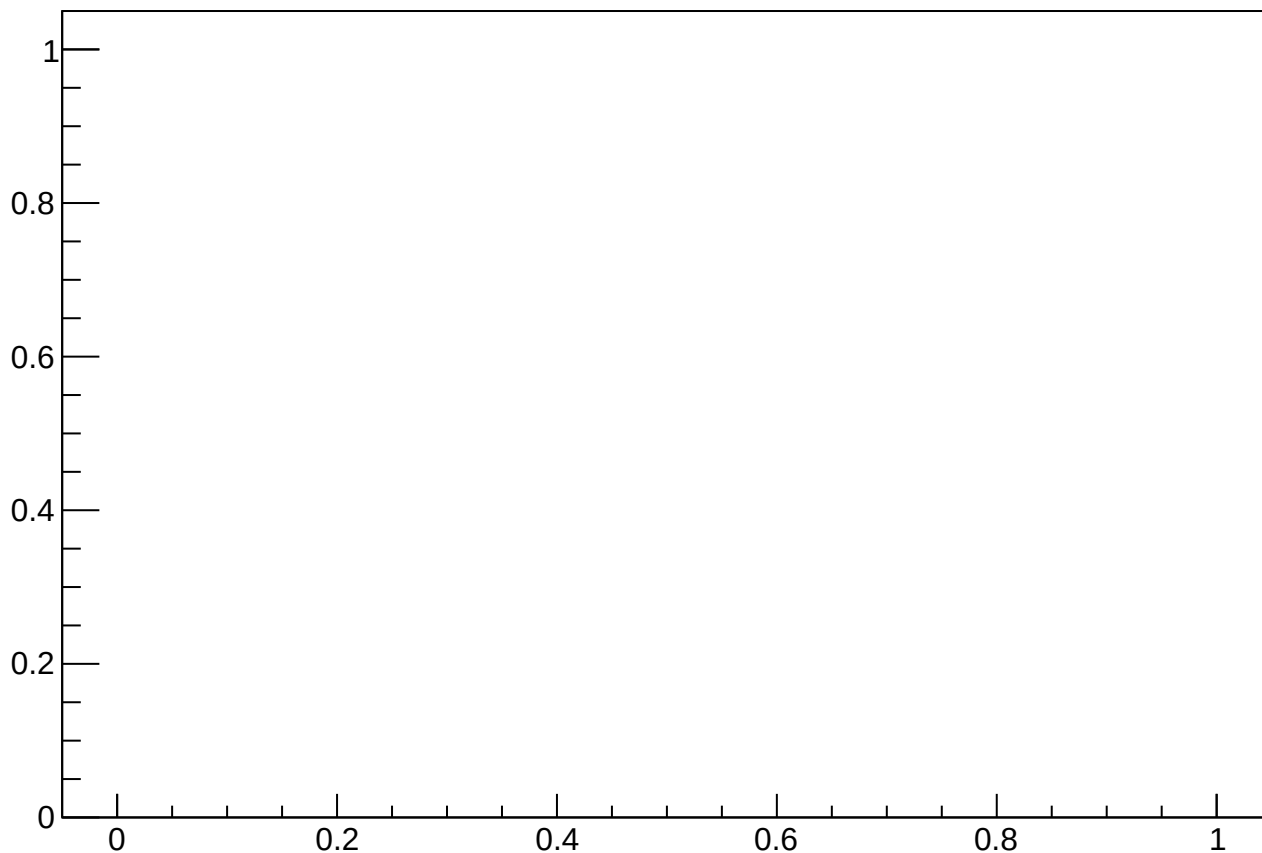
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

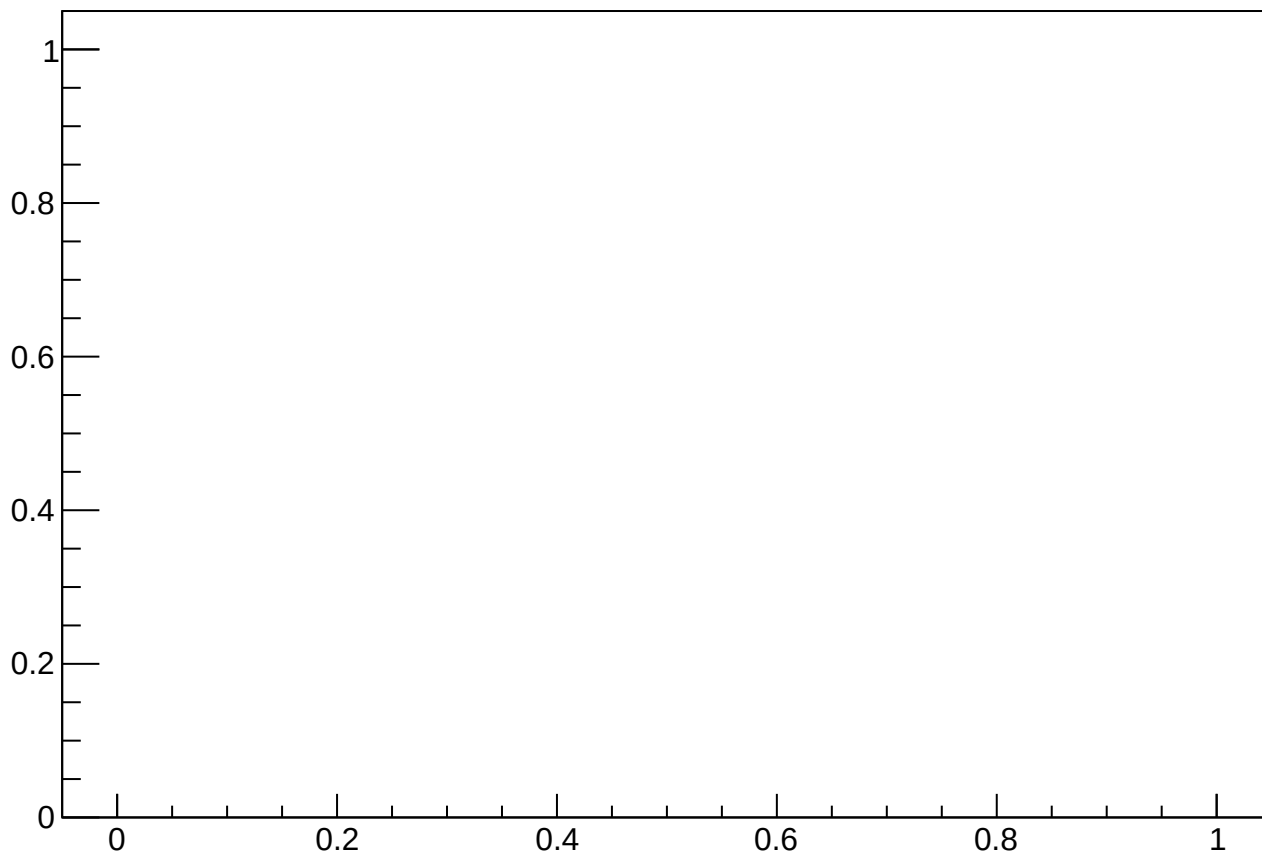
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

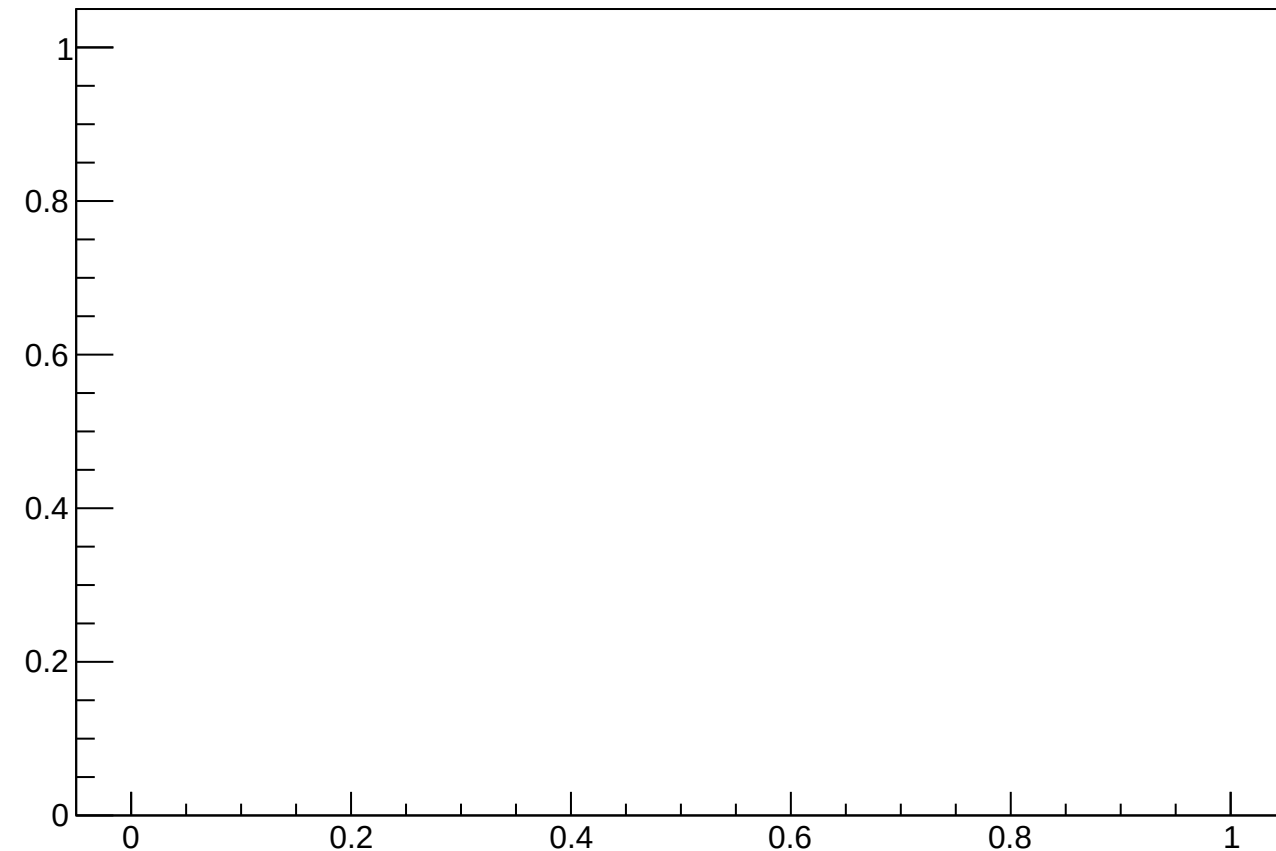
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

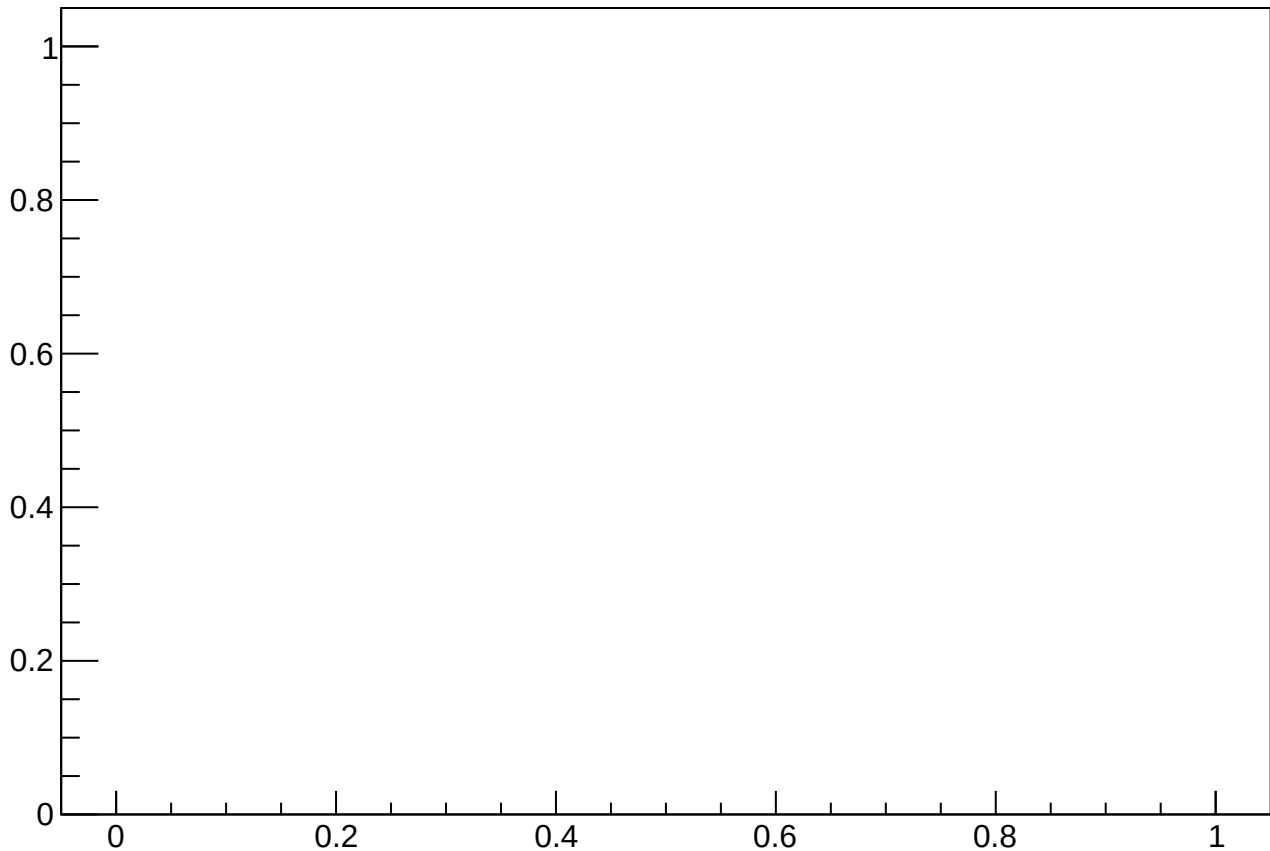
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

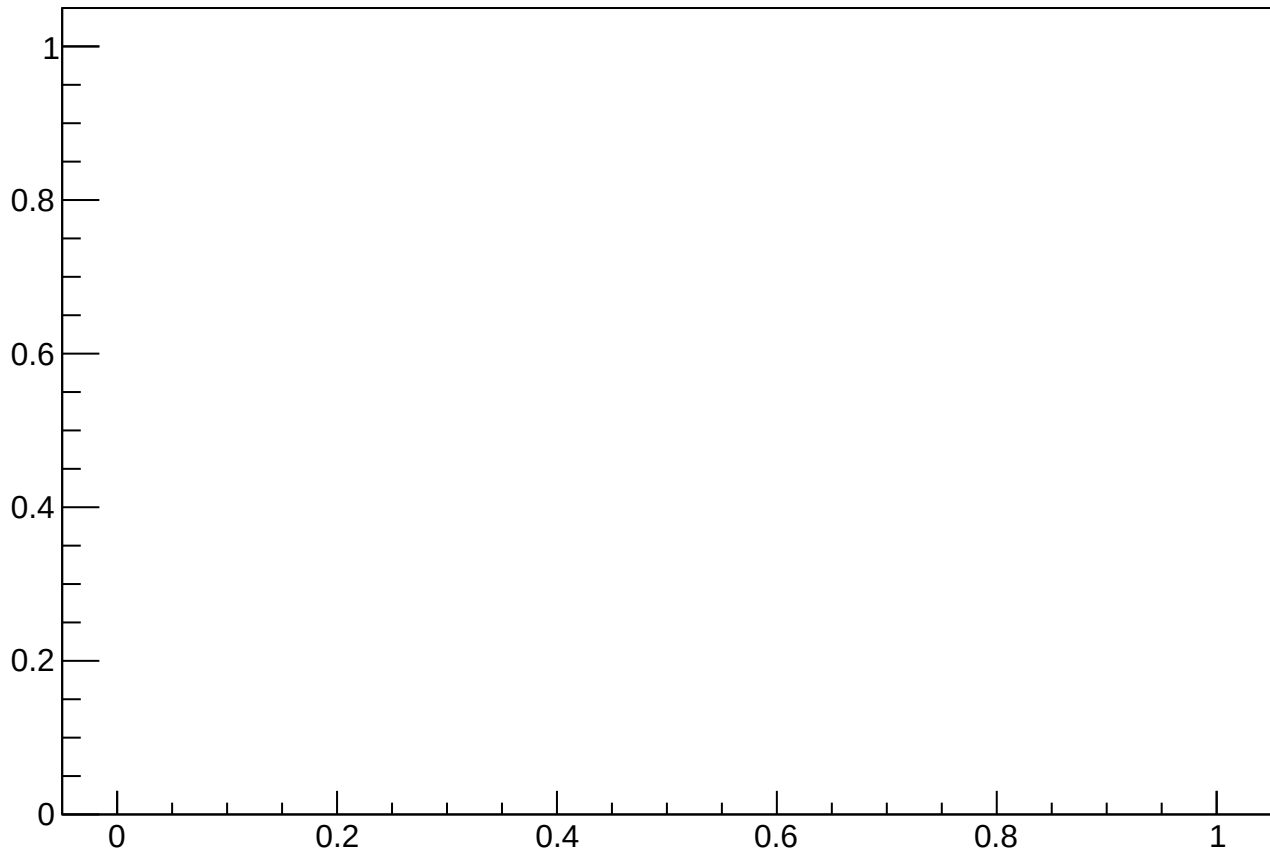
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

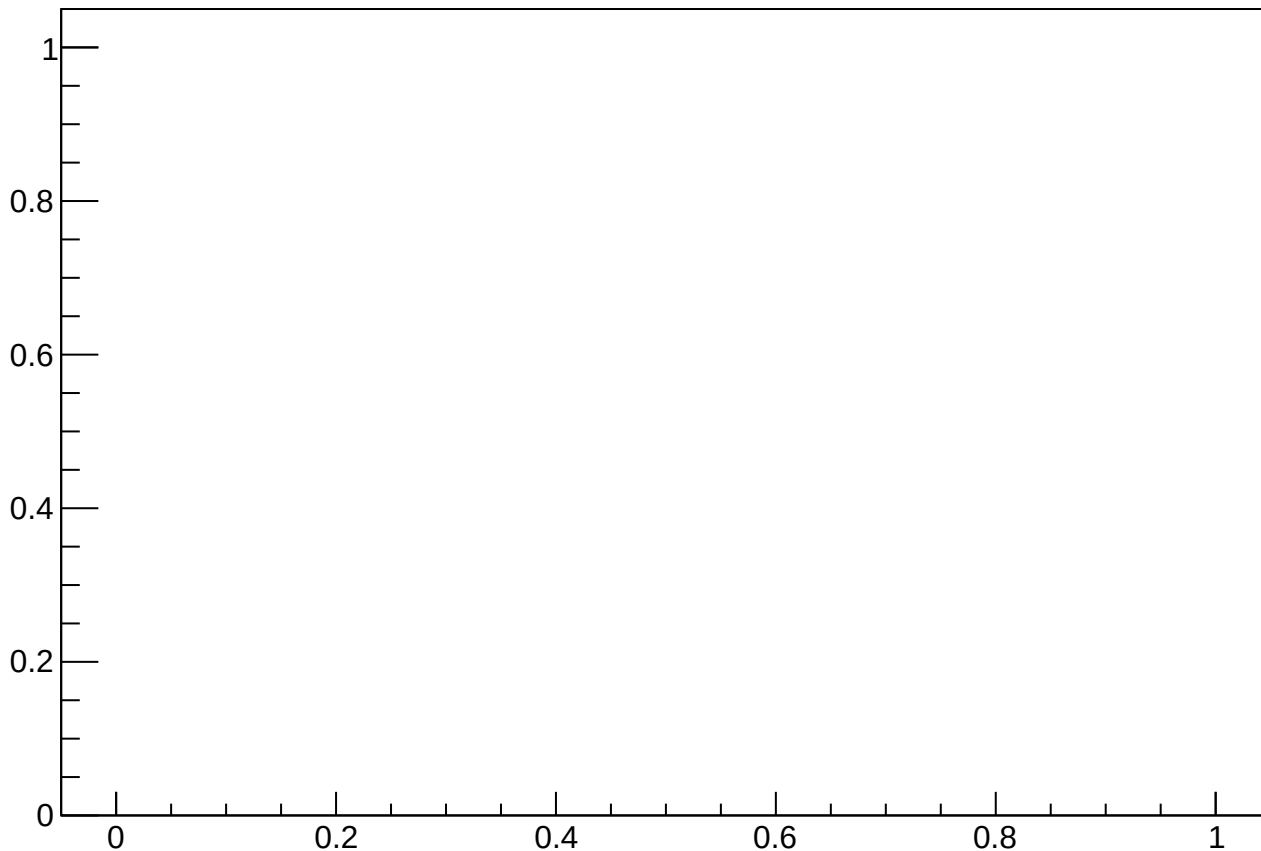
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

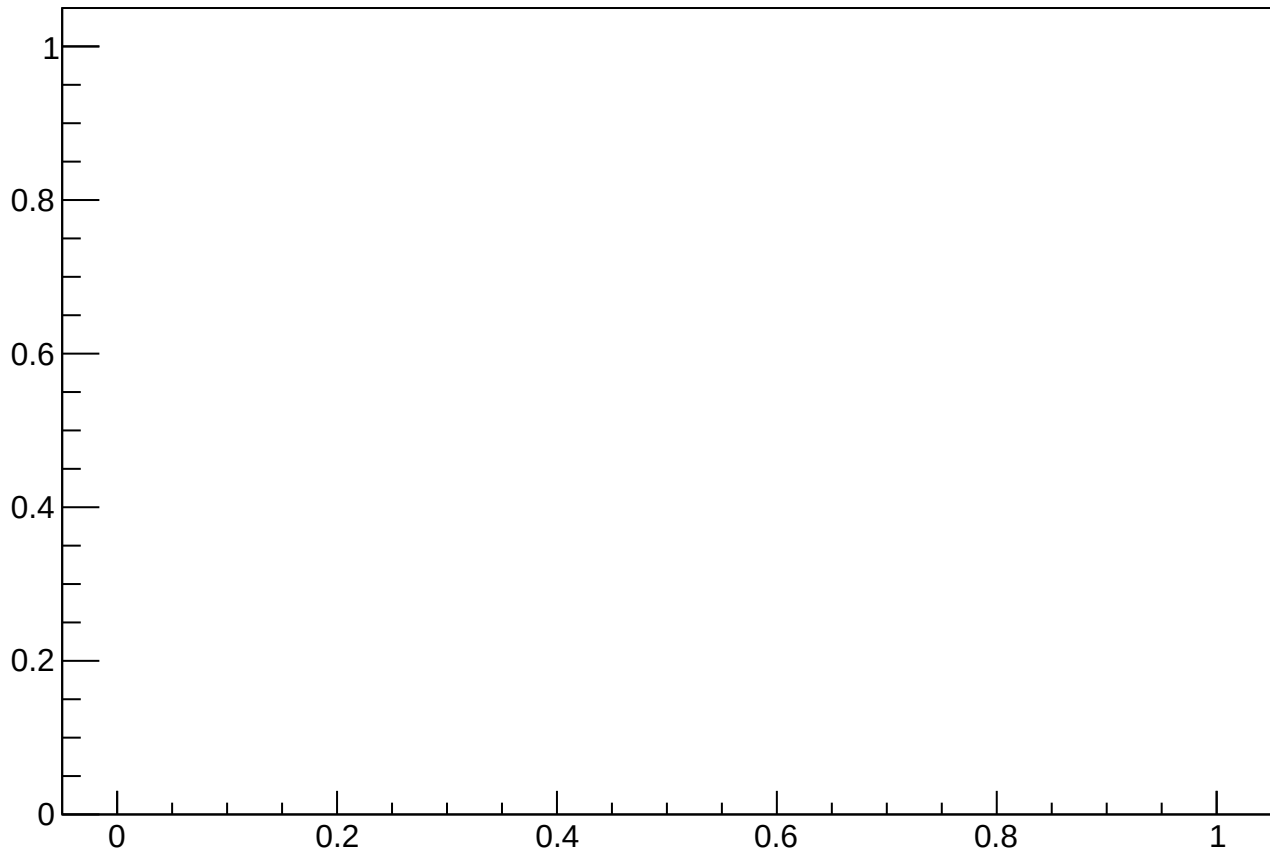
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

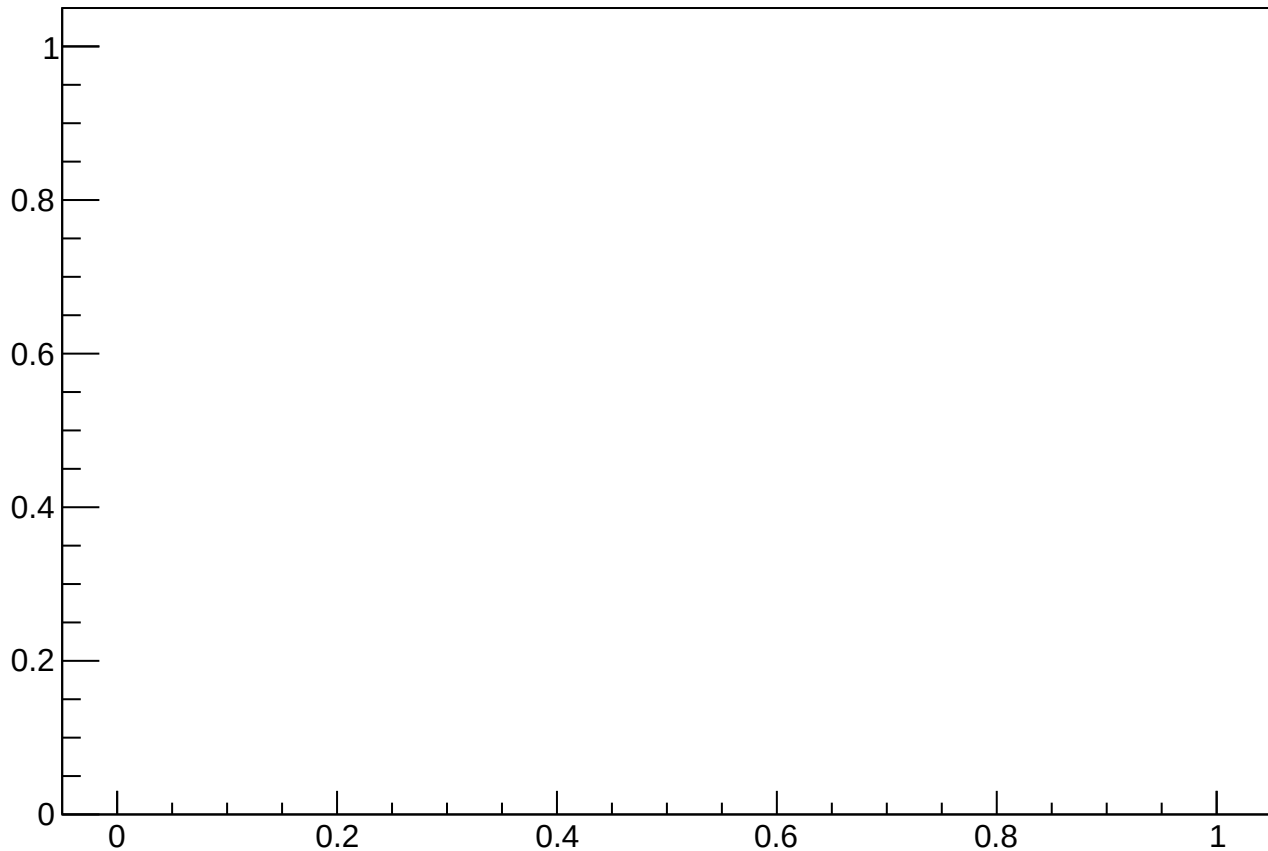
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

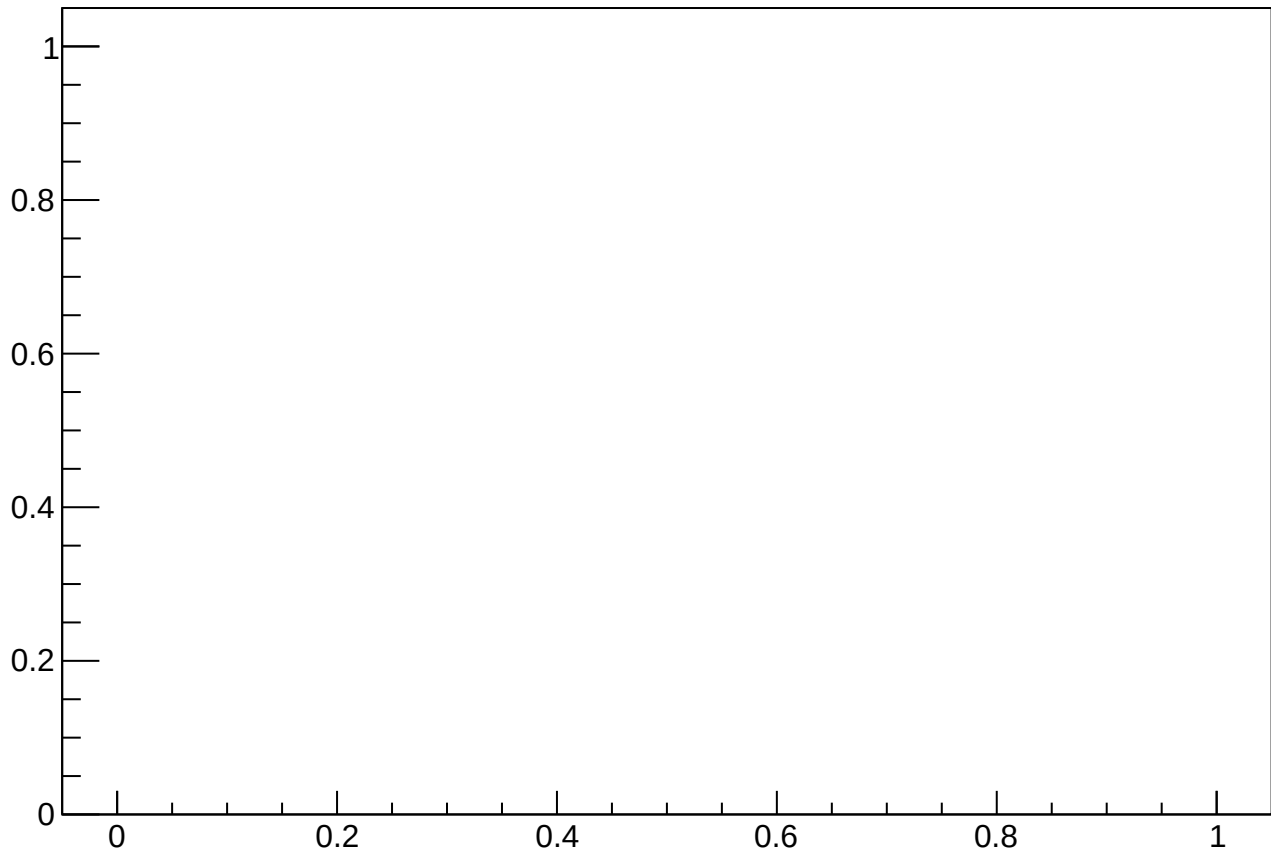
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

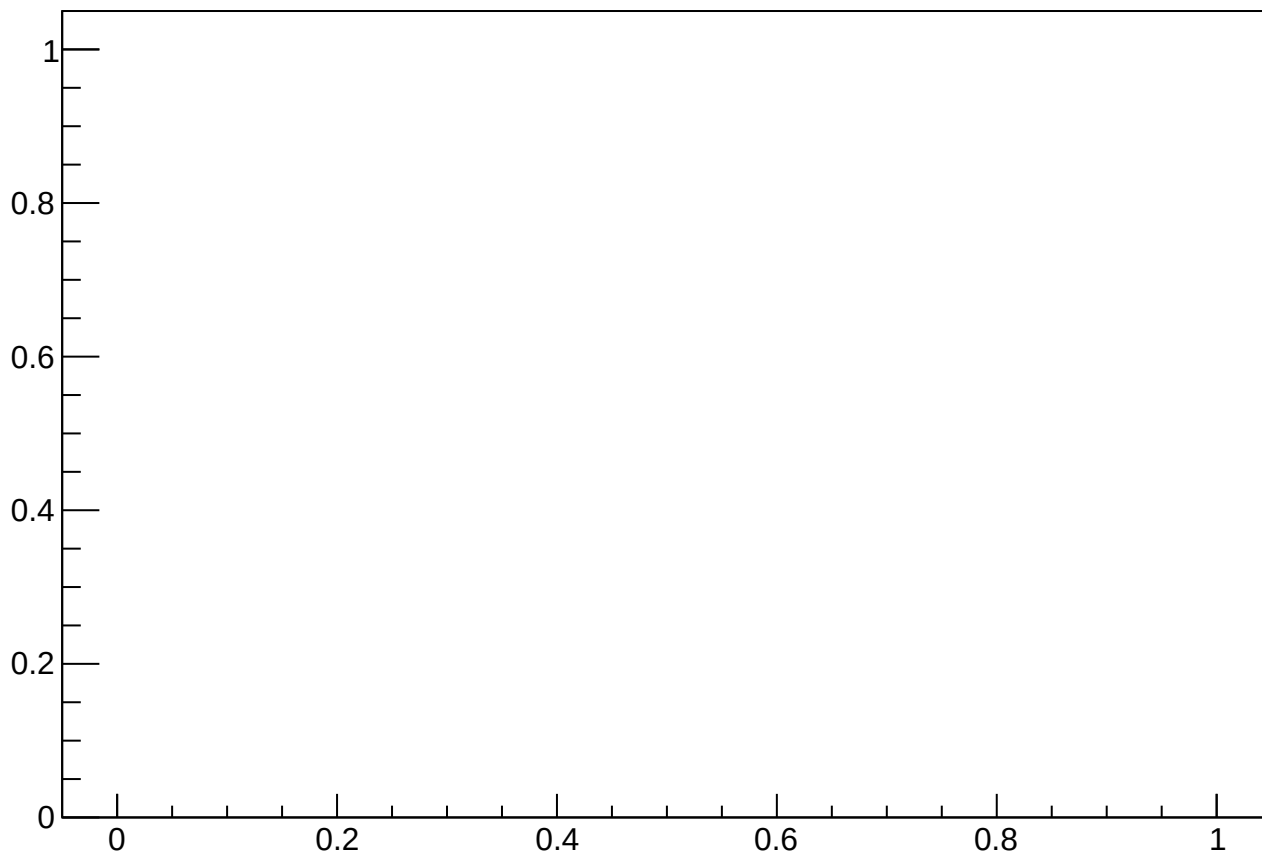
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

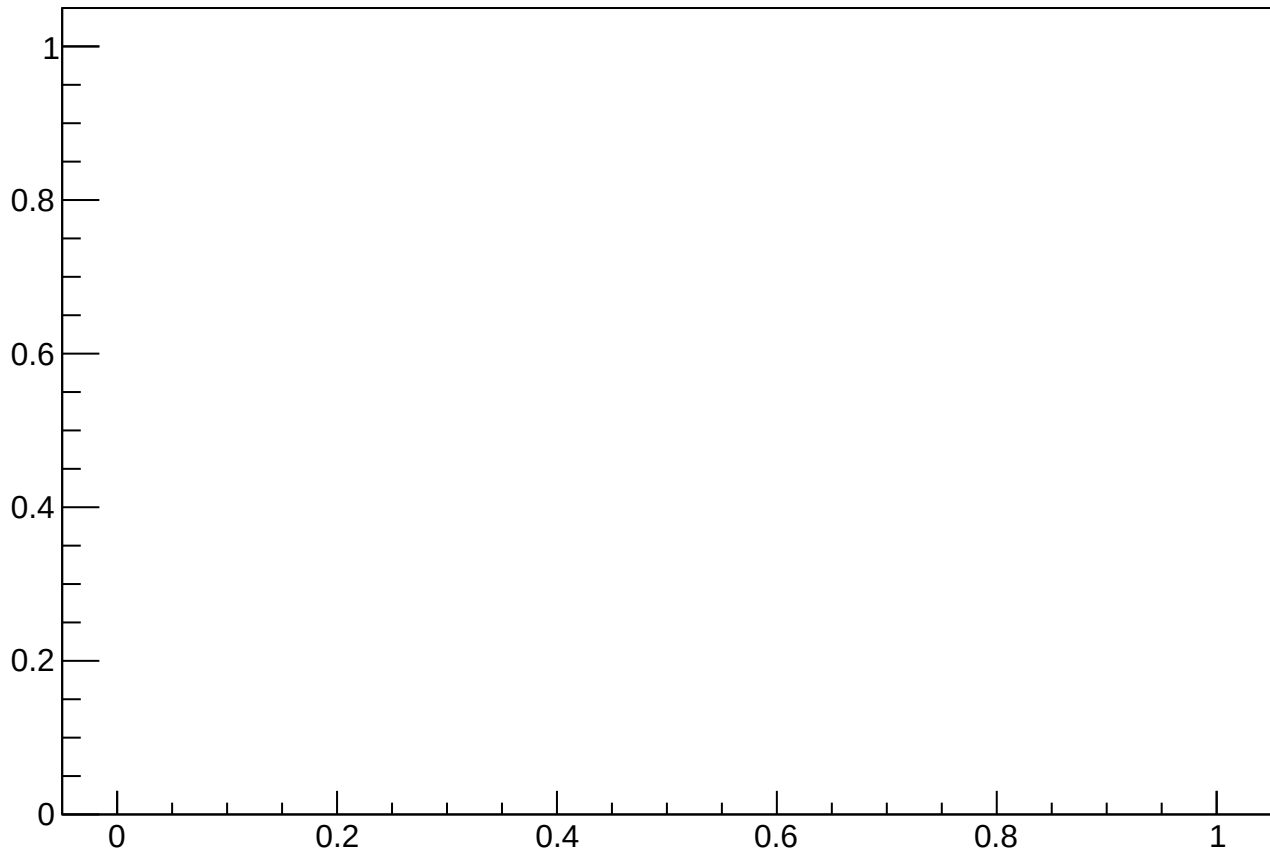
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

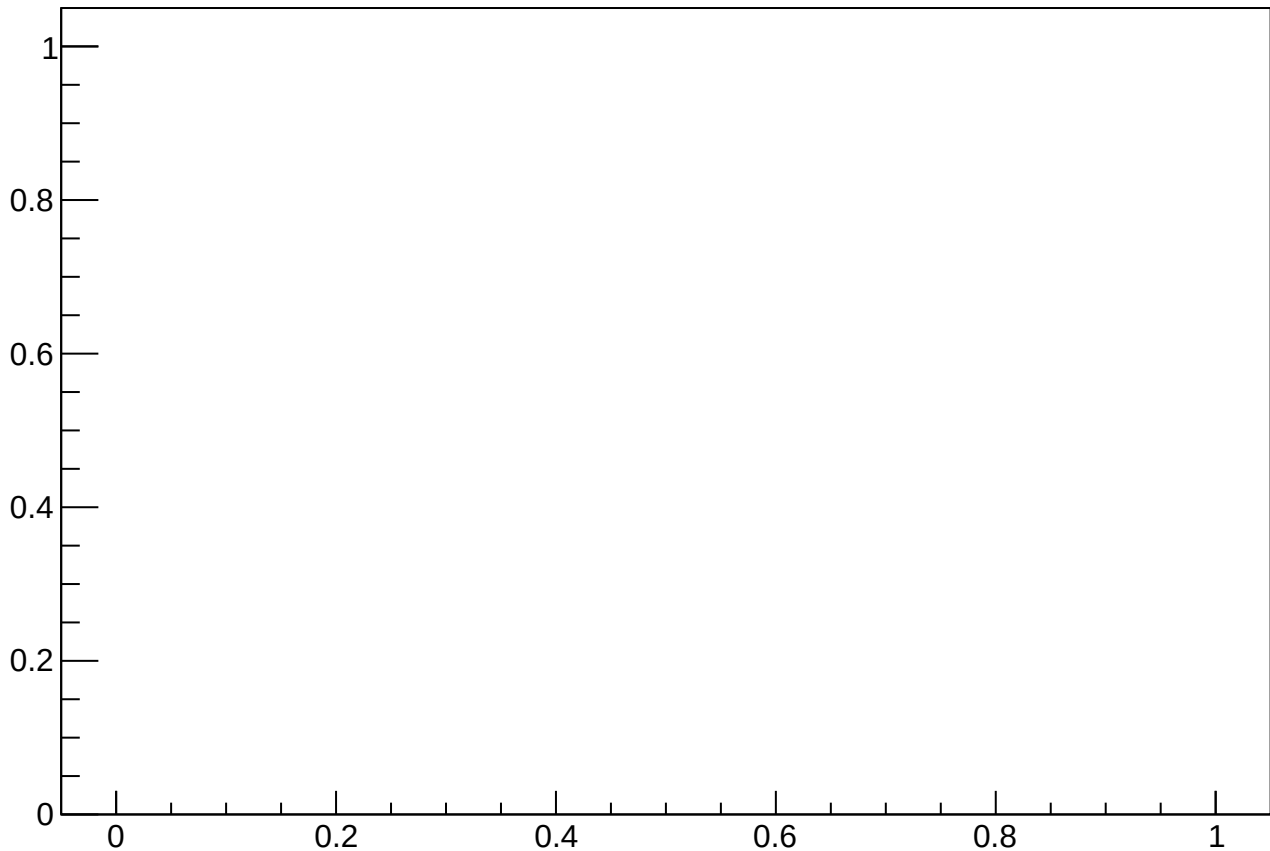
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

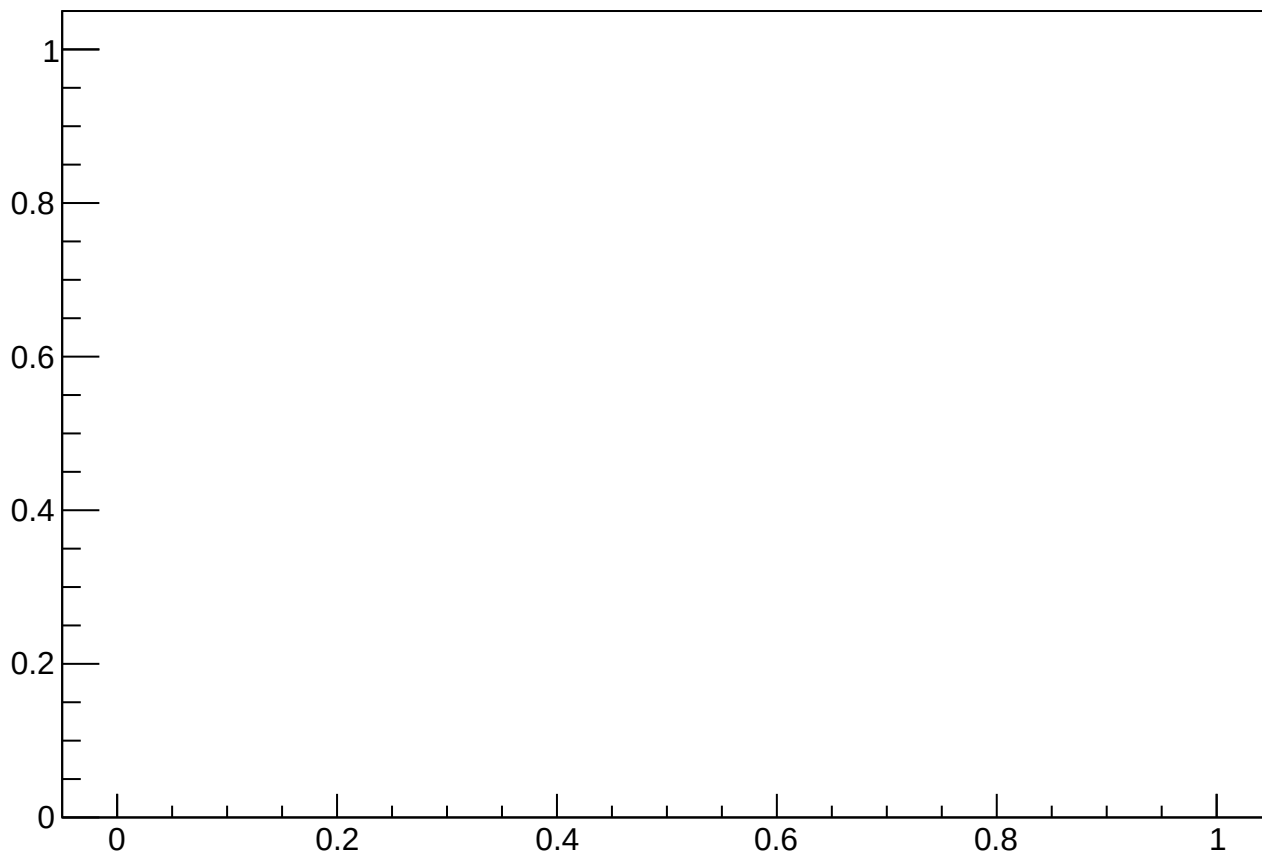
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

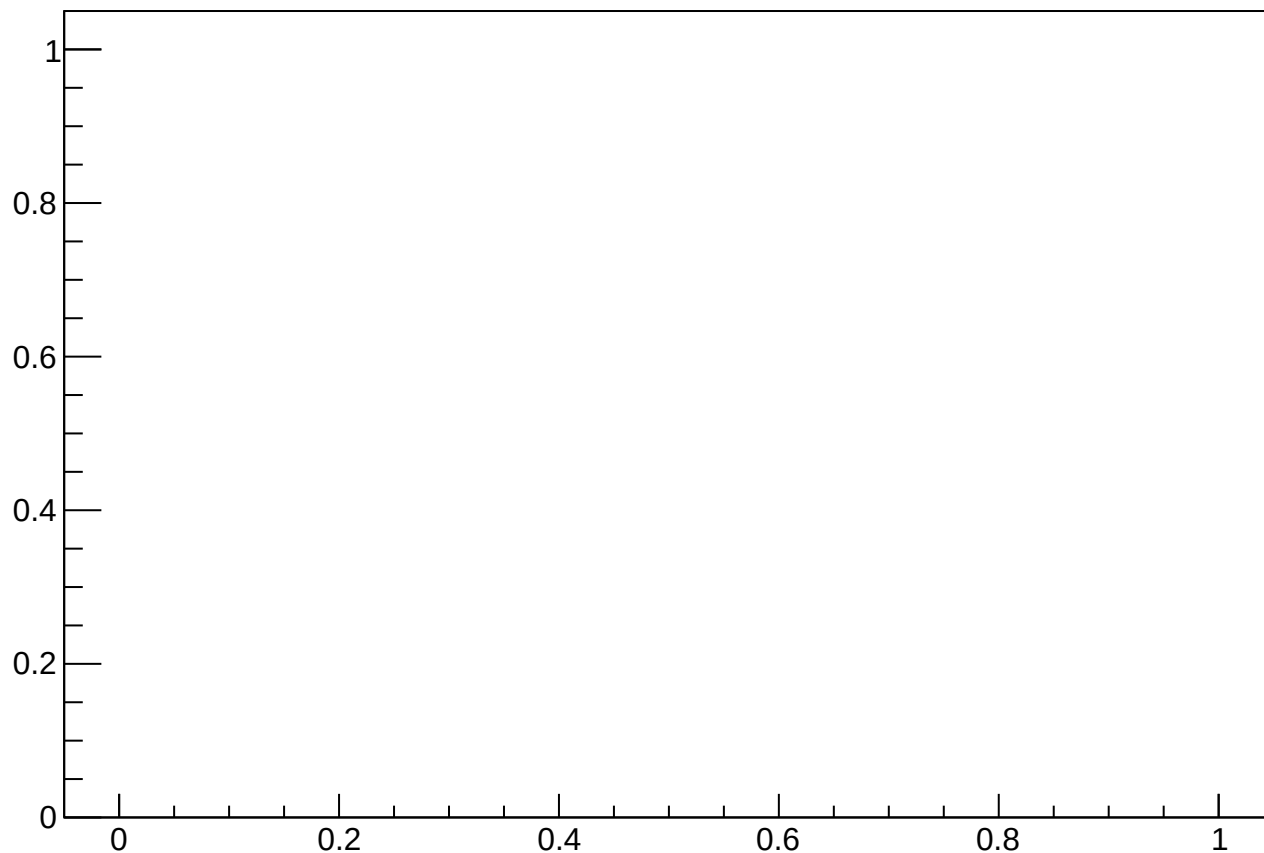
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

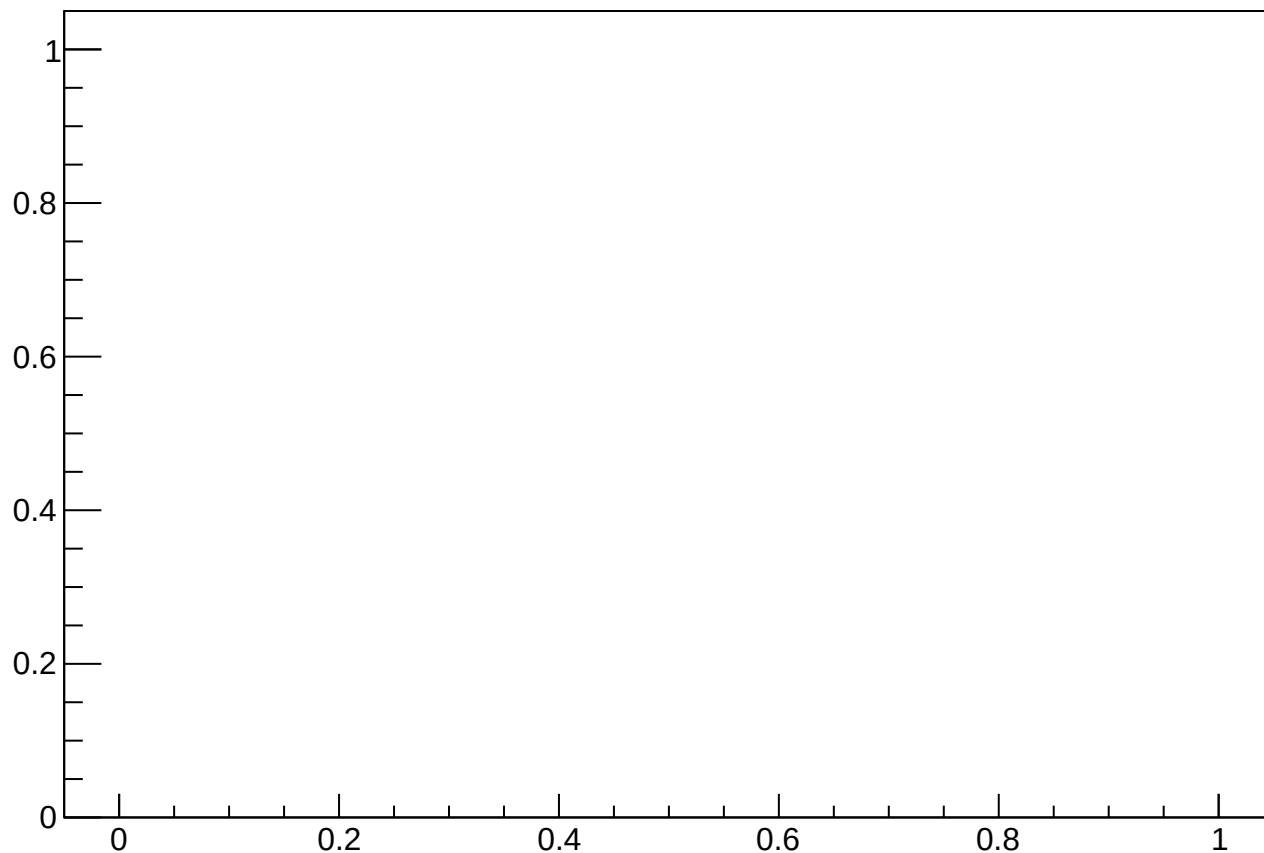
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

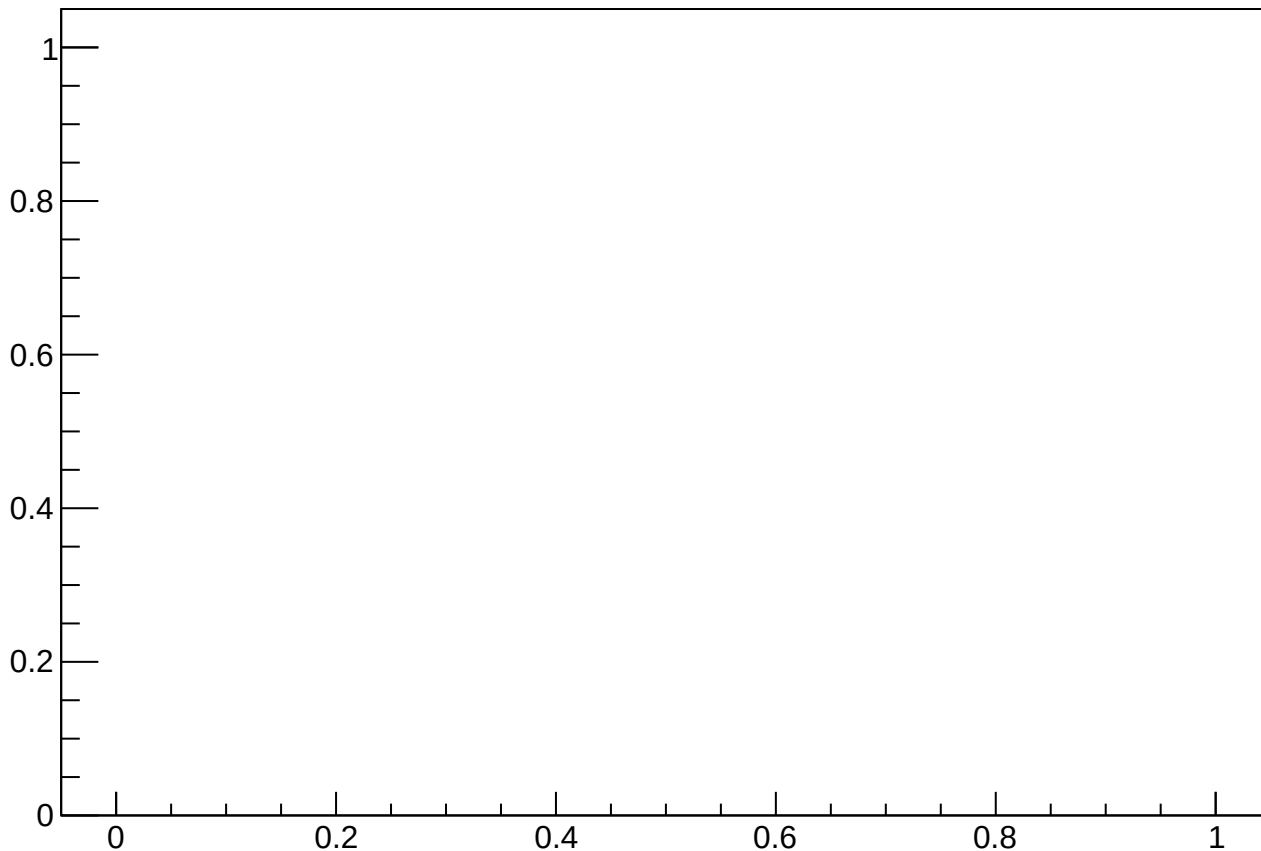
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

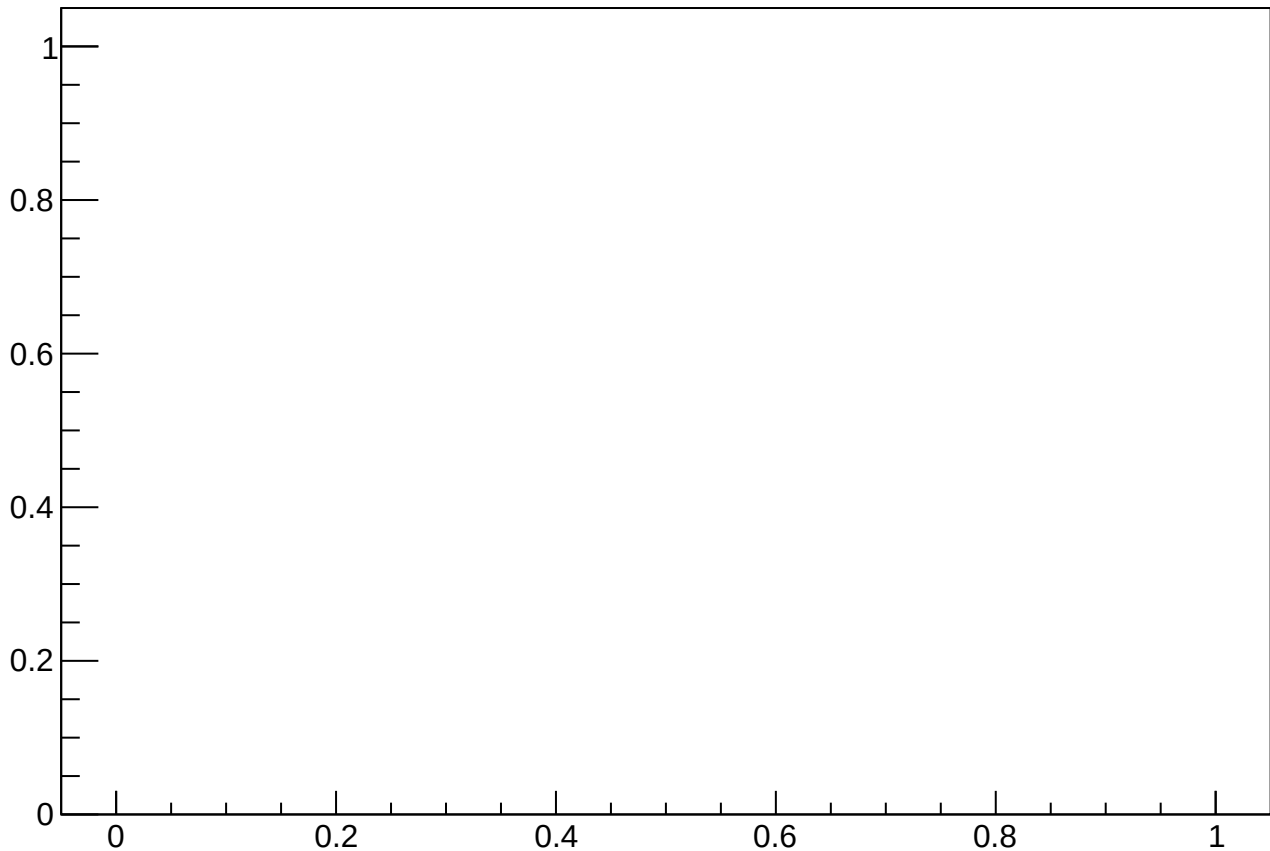
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

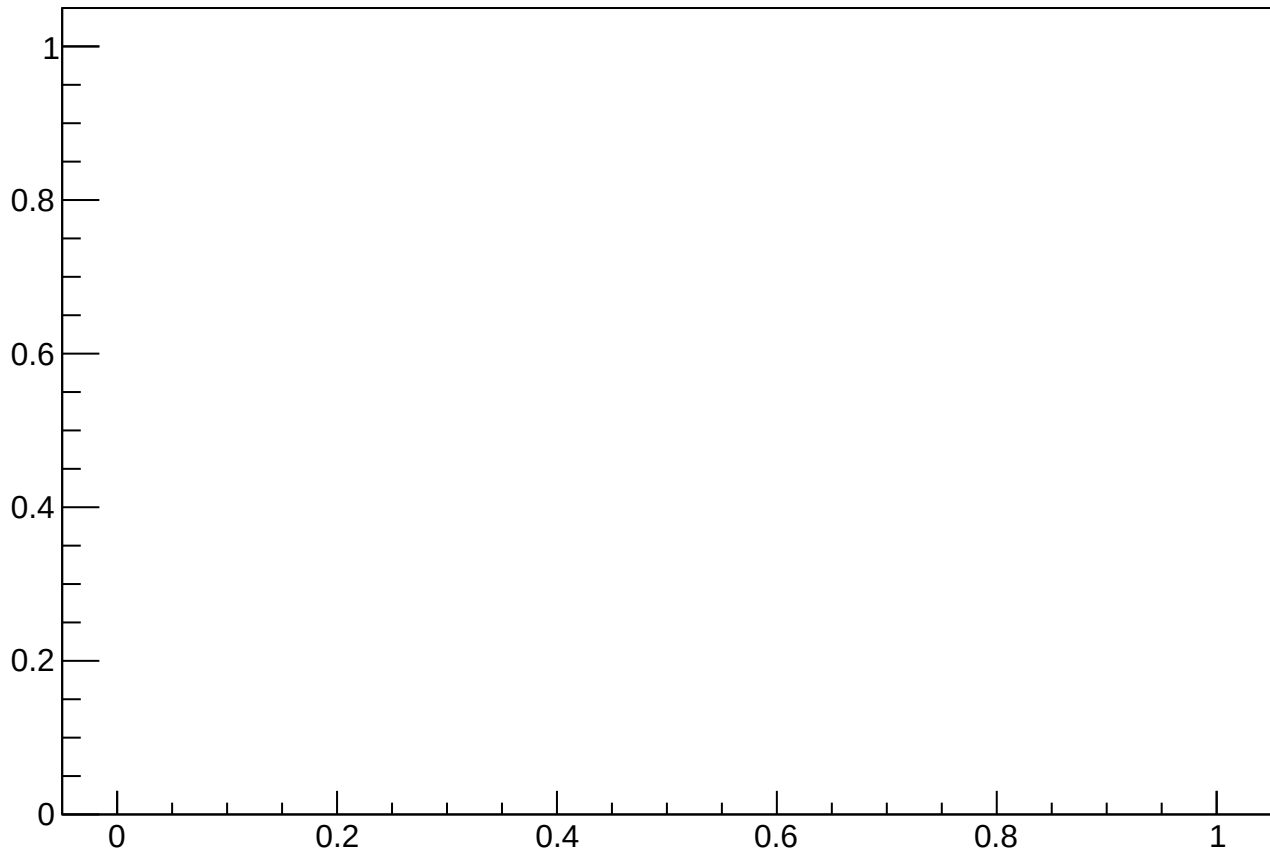
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

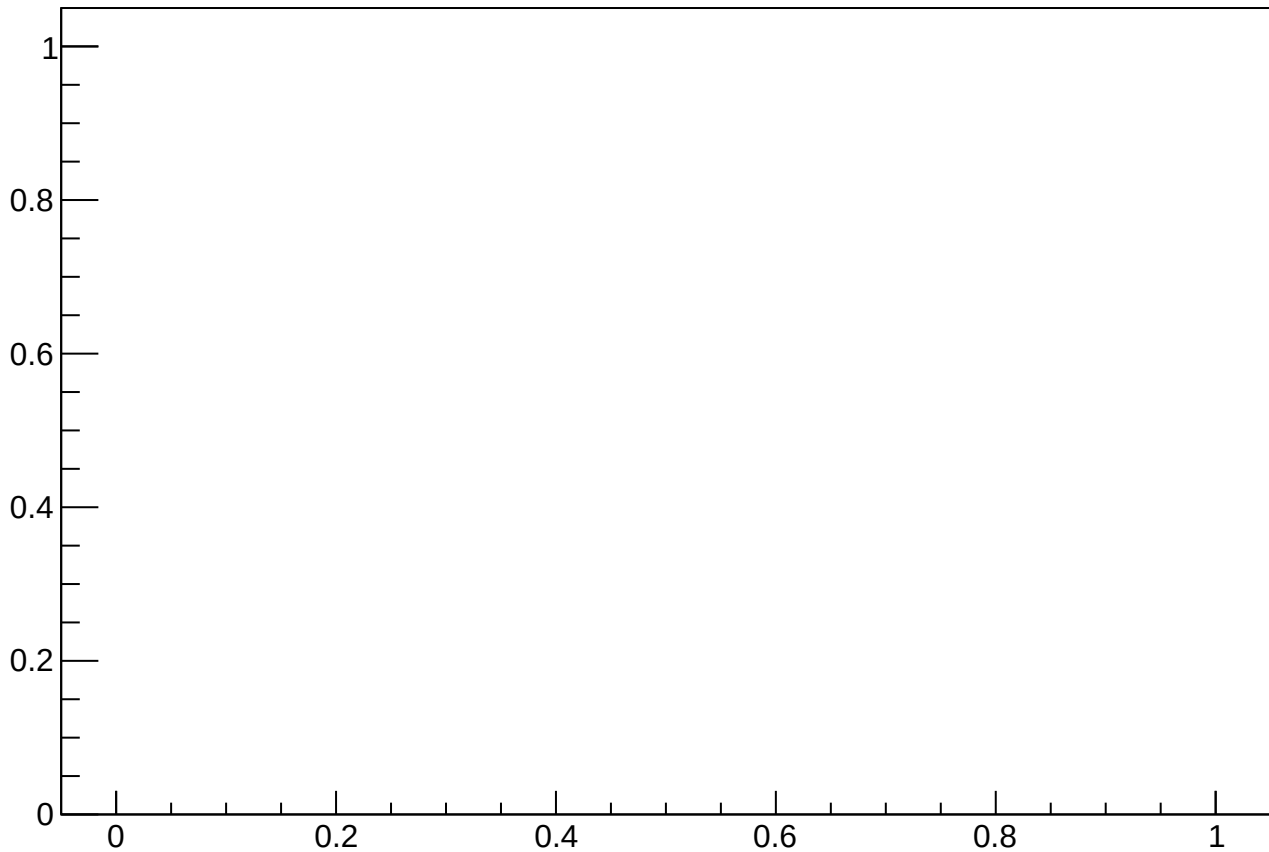
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

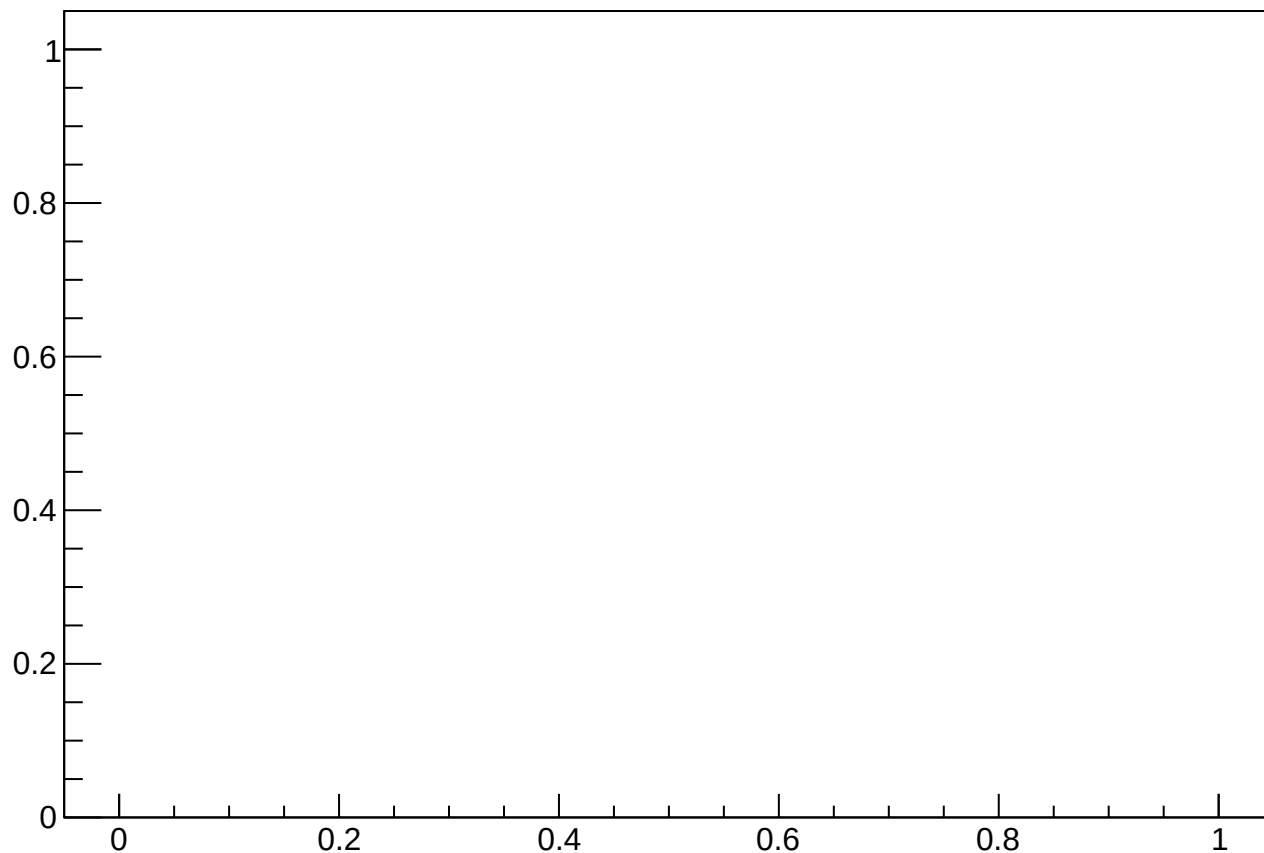
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

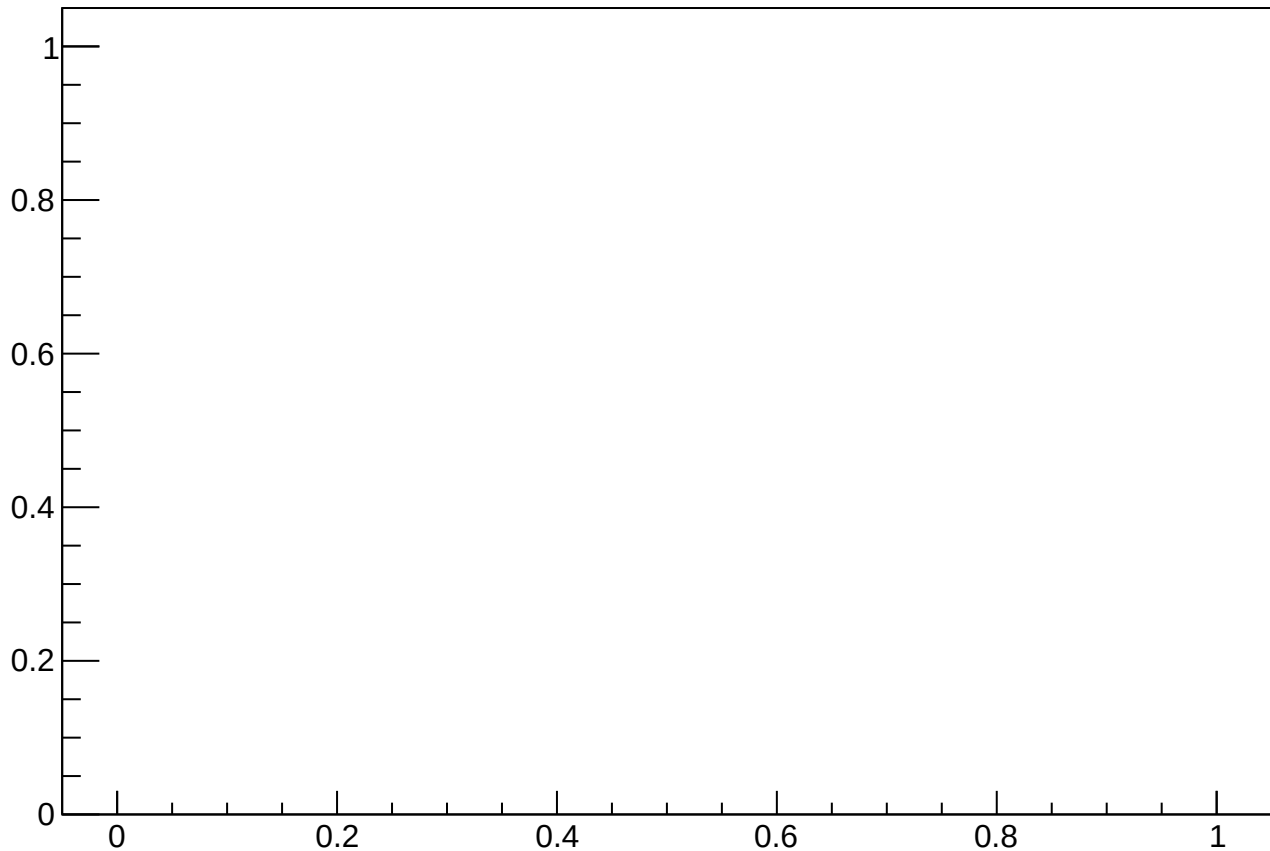
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

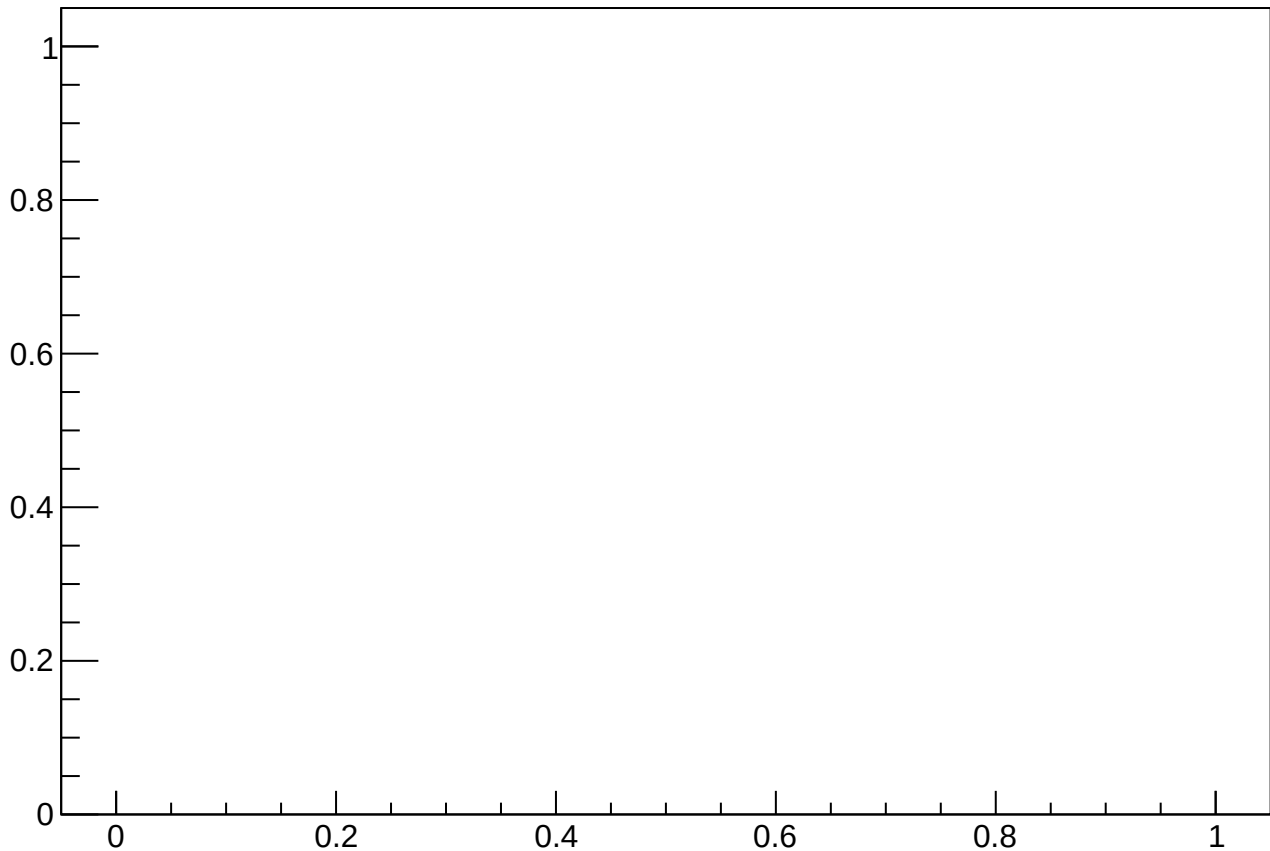
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

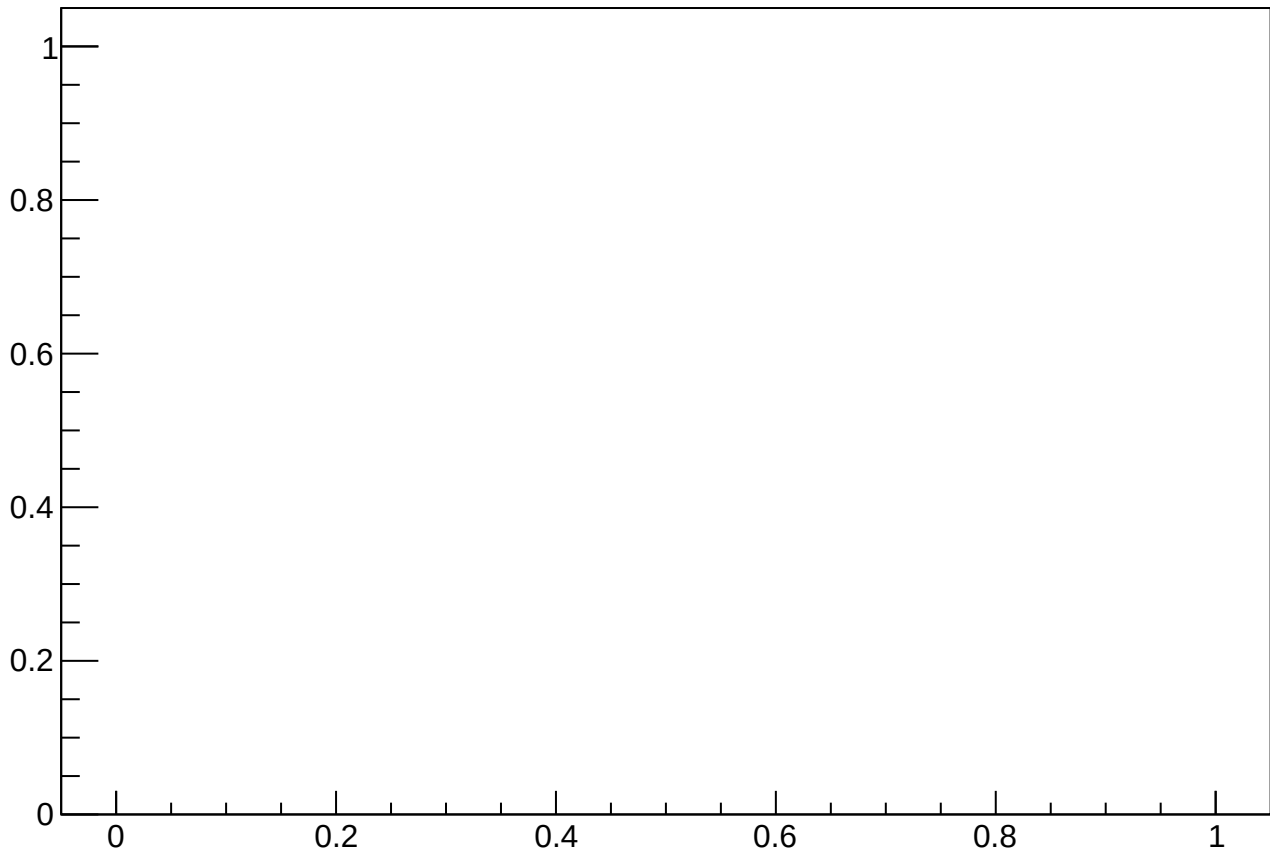
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

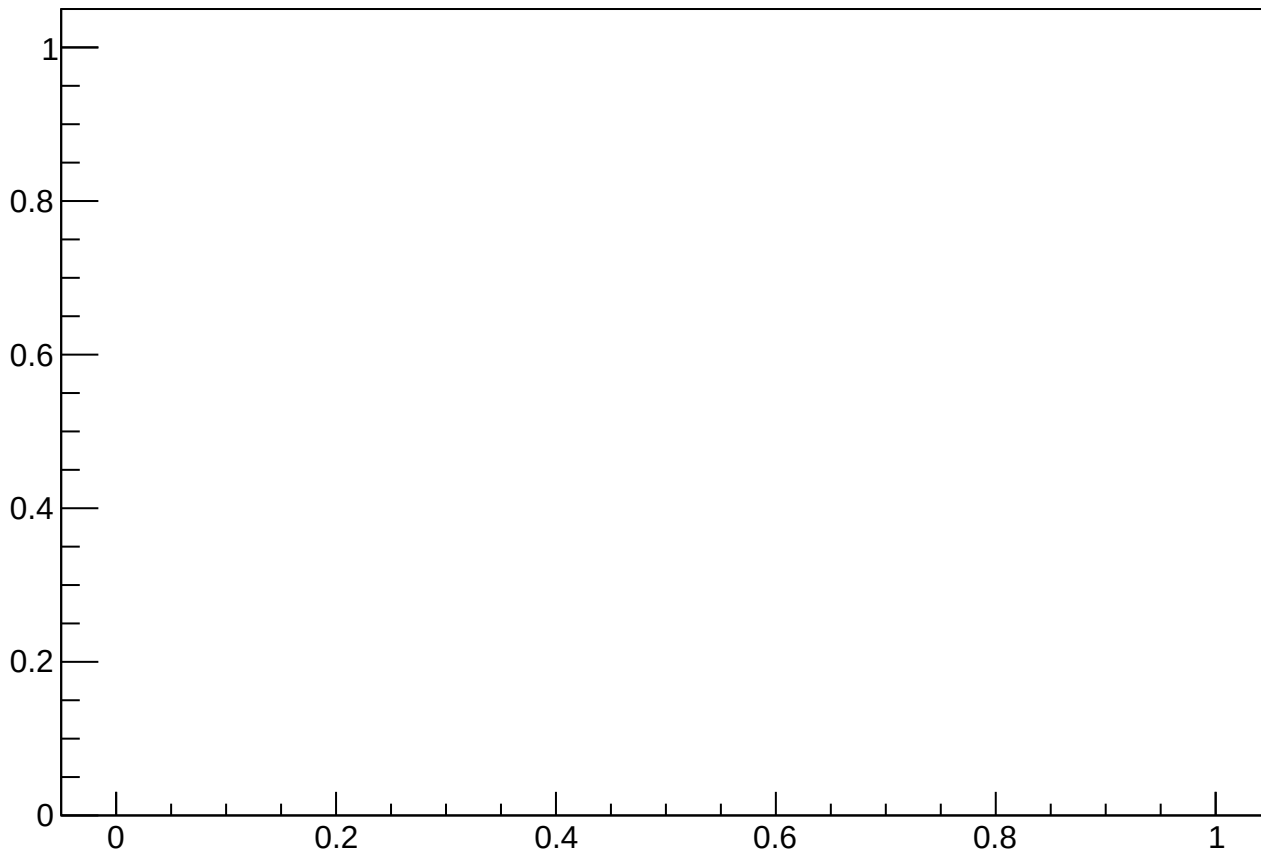
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

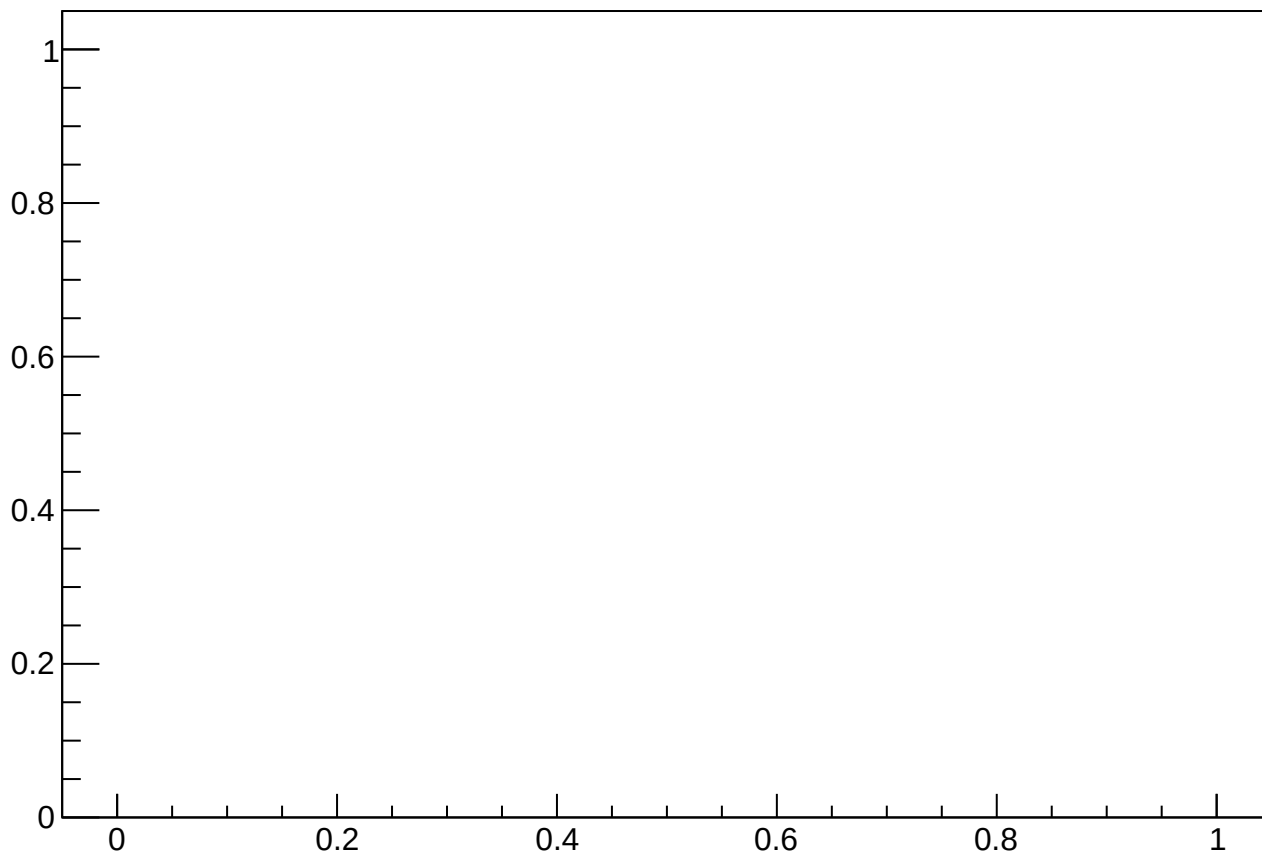
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

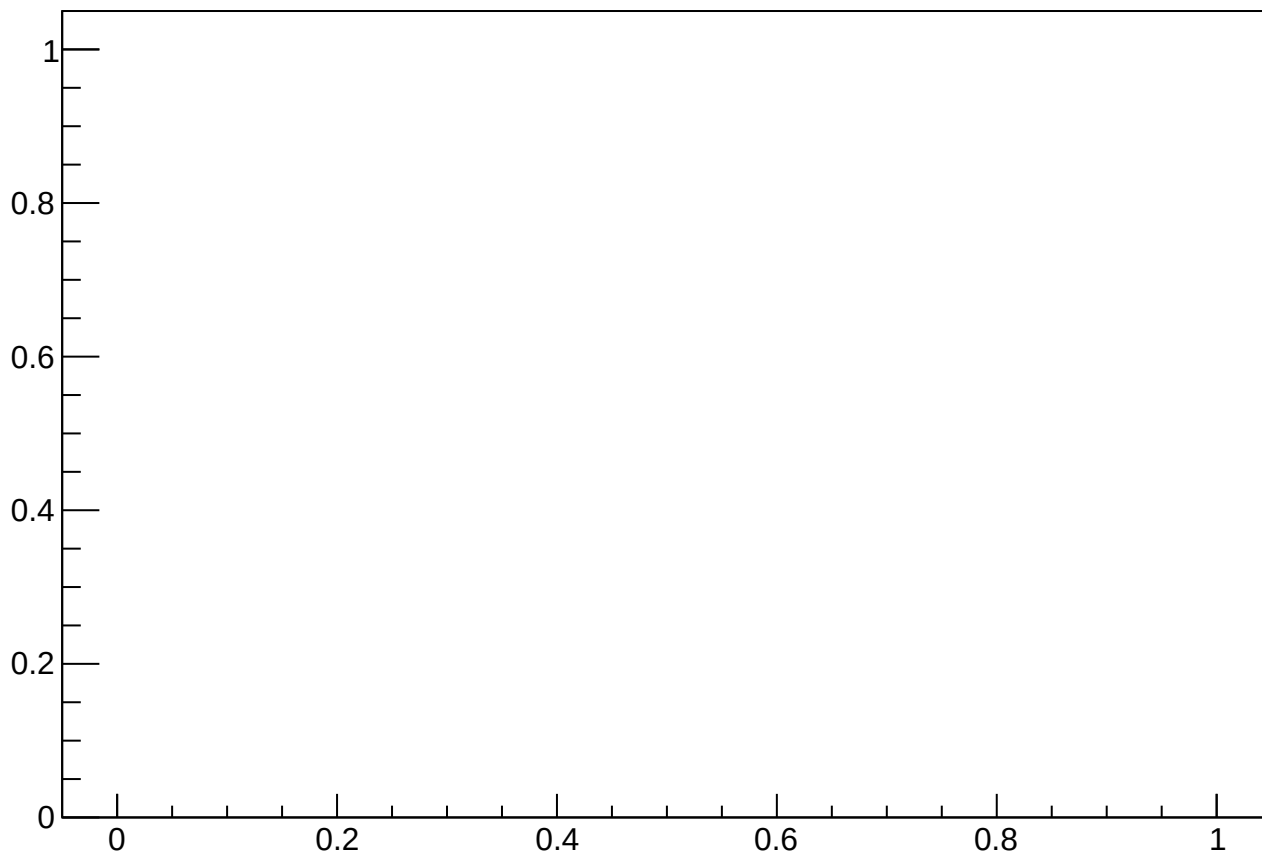
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

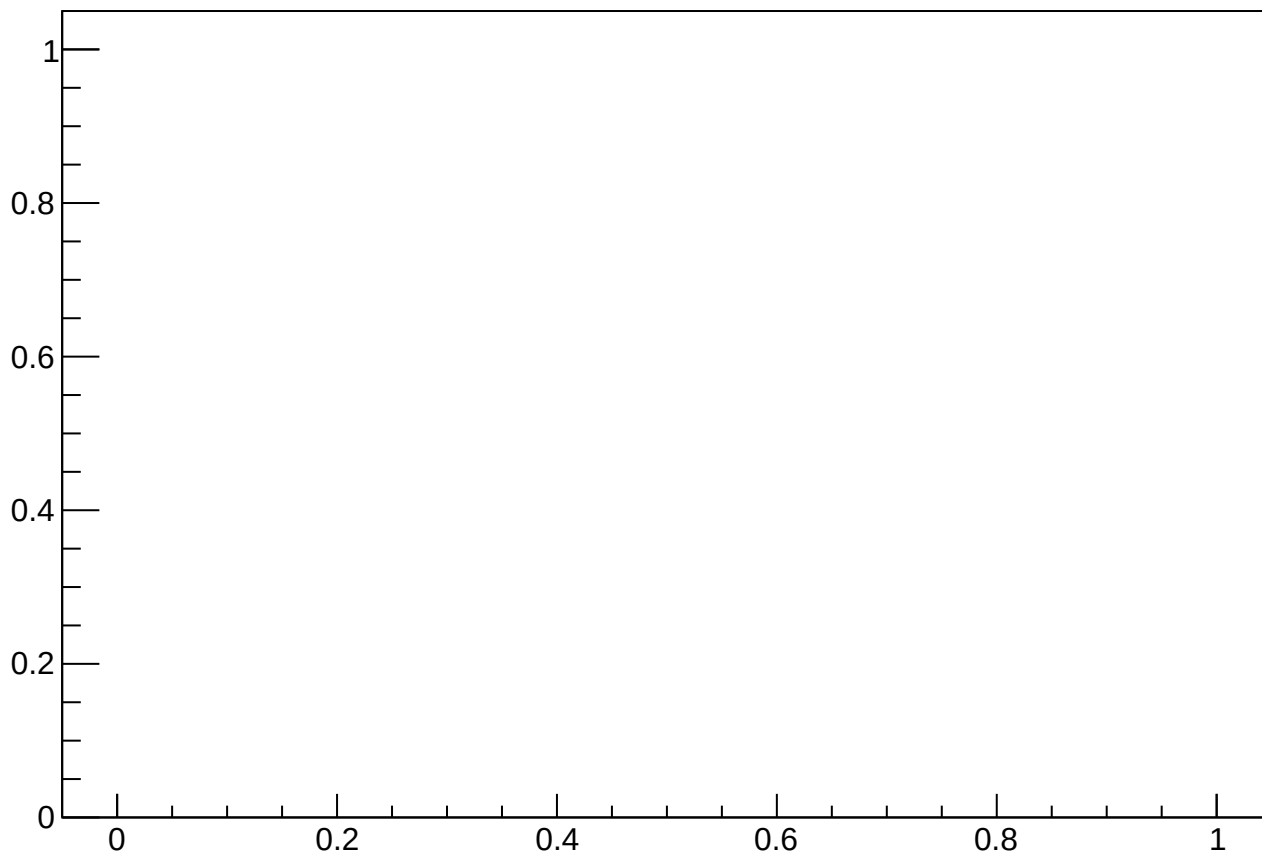
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

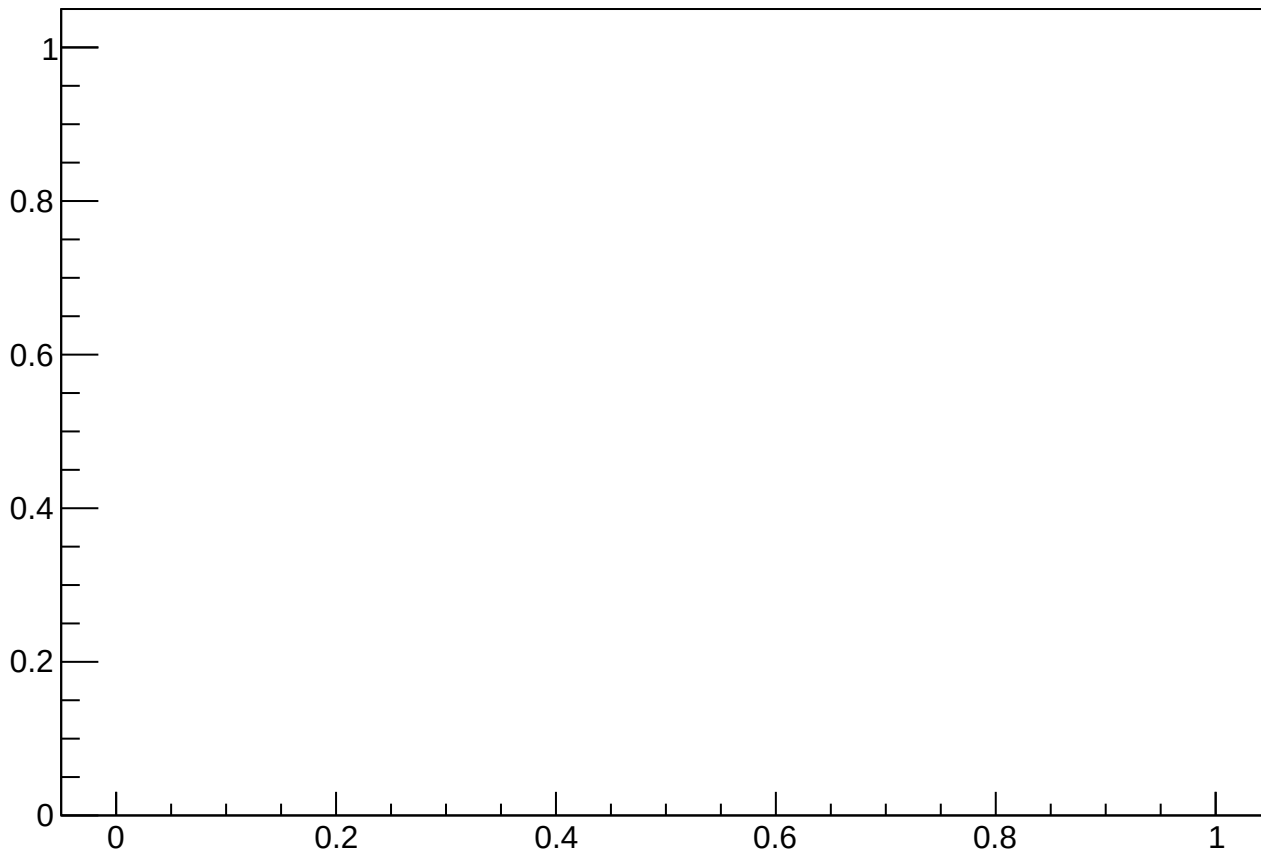
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

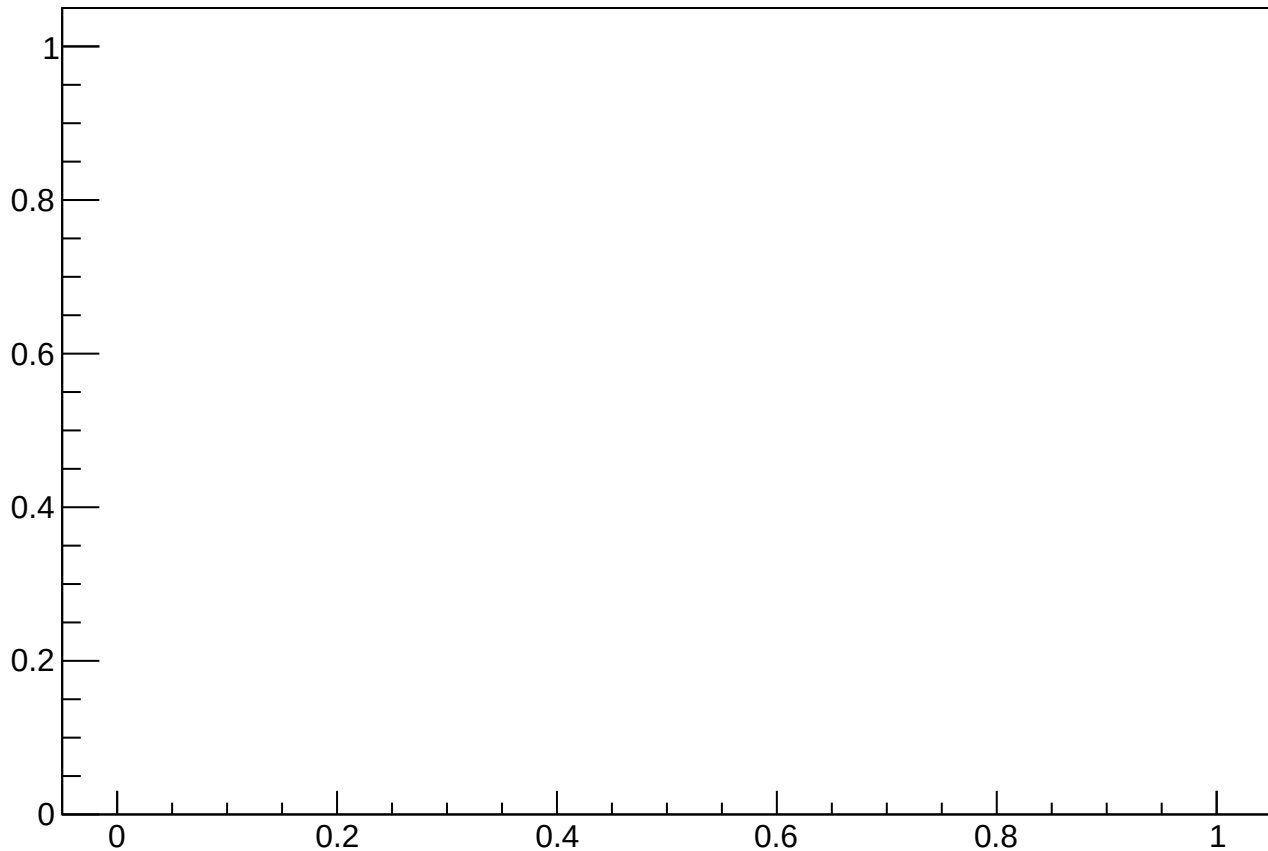
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

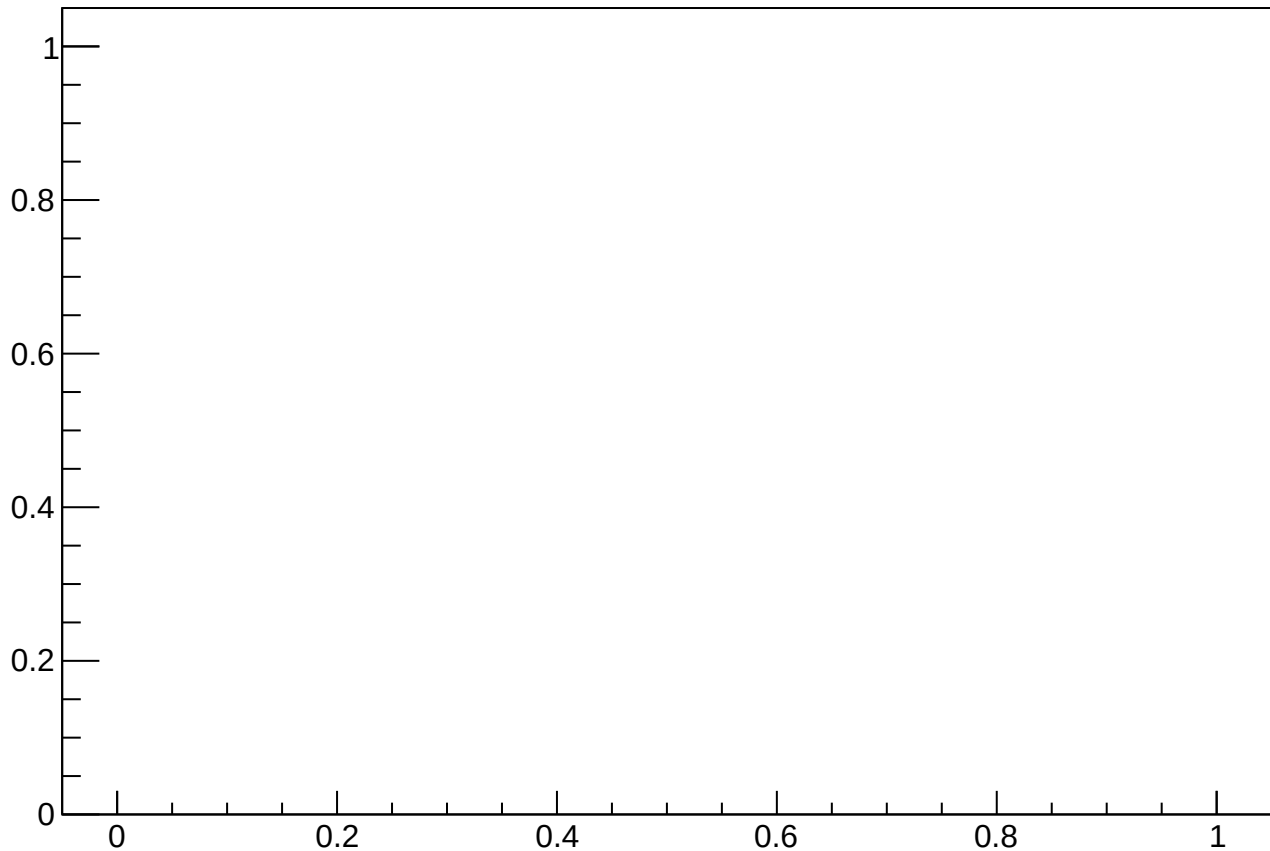
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

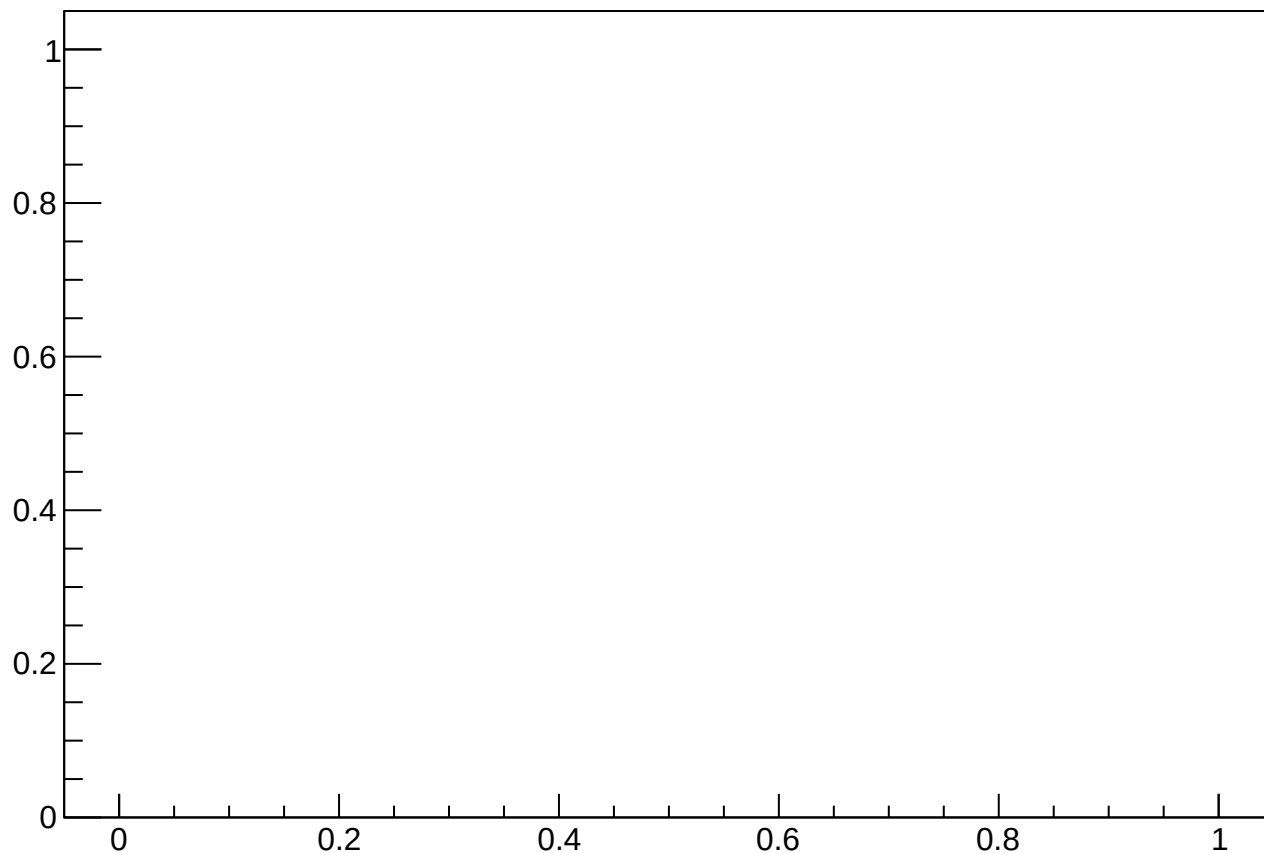
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

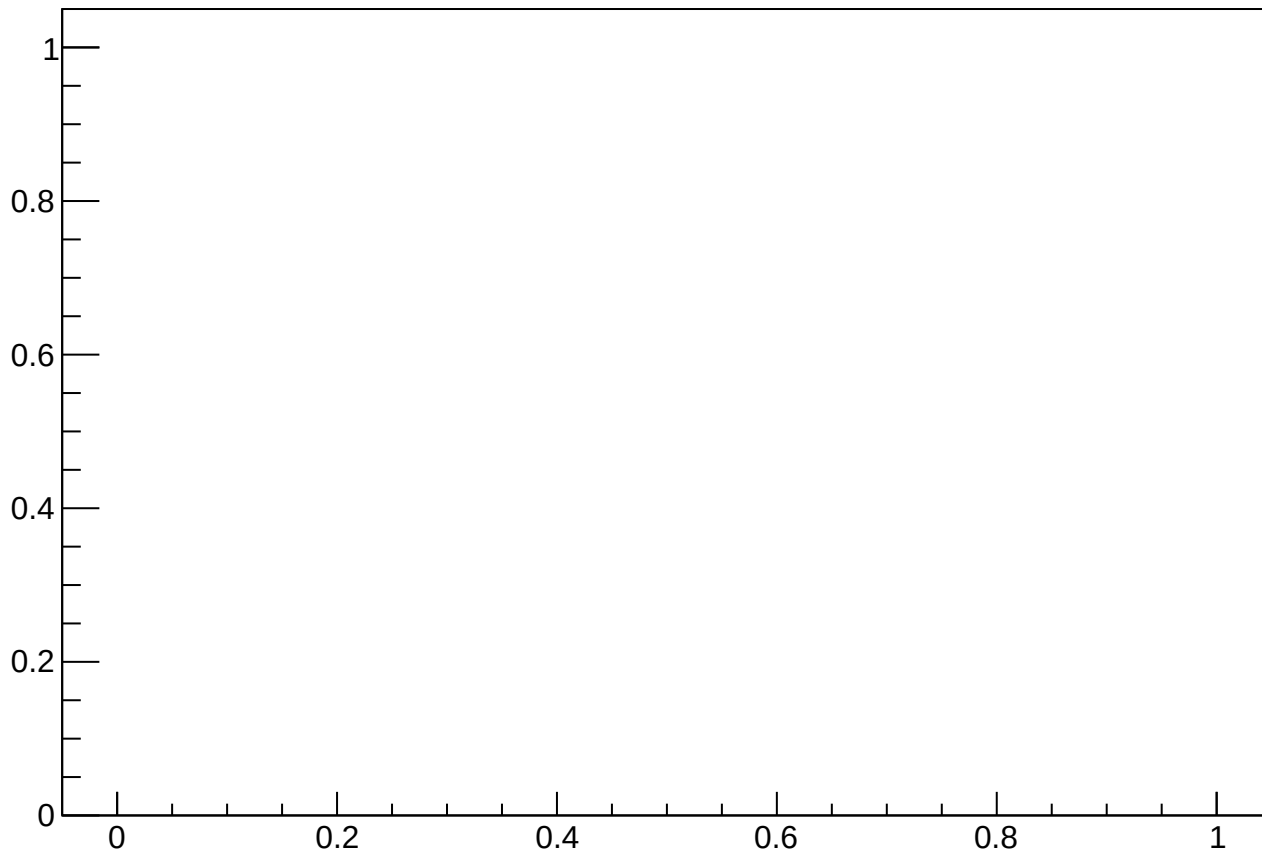
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

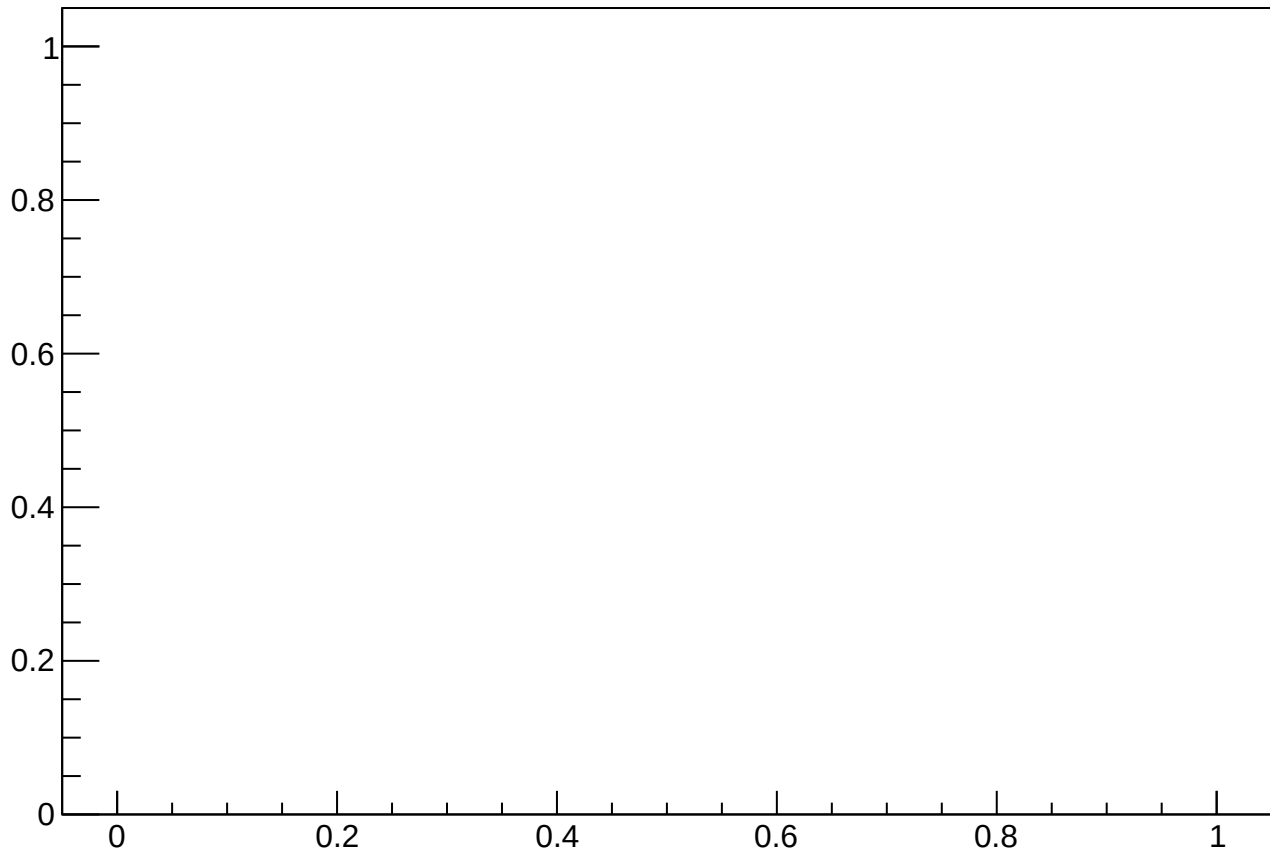
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

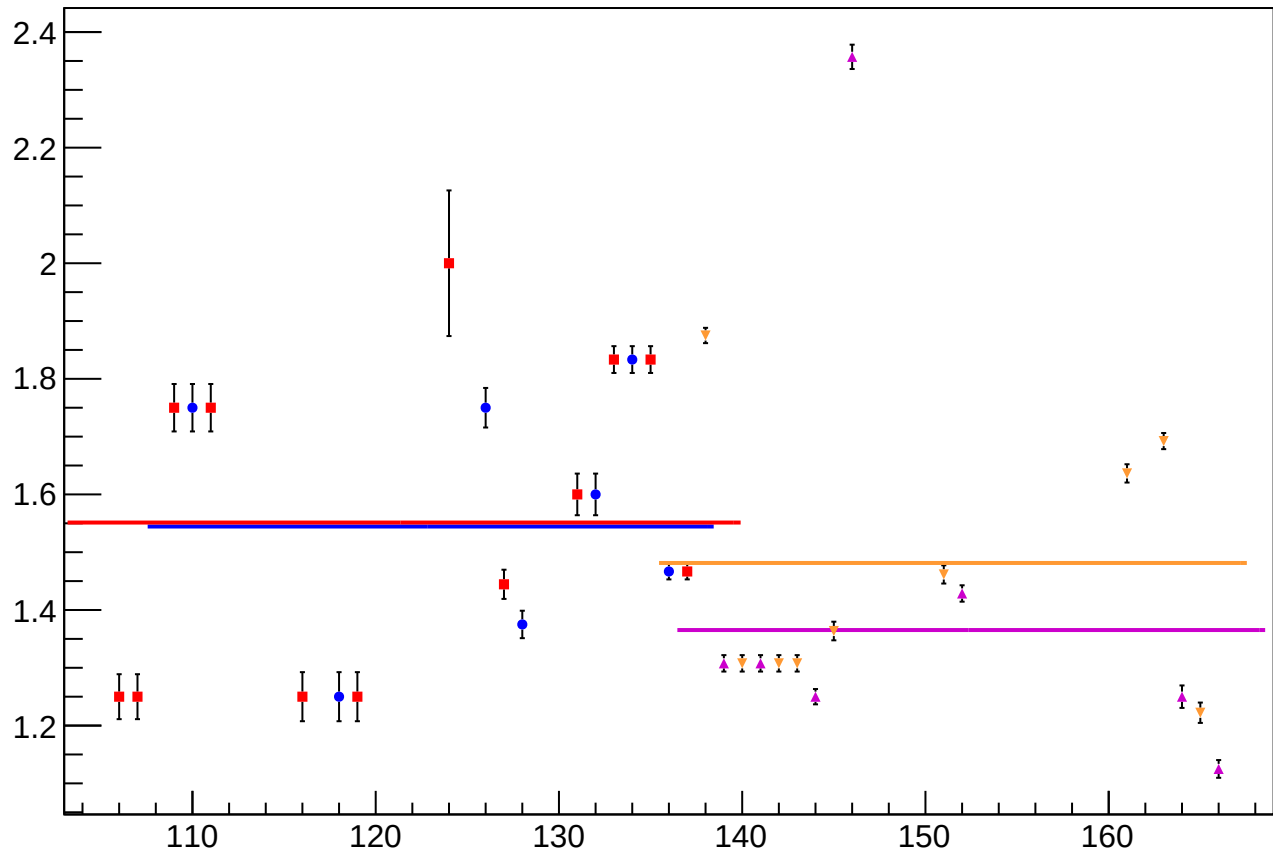
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.481+/-0.005 χ^2/NDF : 1927.1/8

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.365+/-0.006 χ^2/NDF : 2626.9/6

Left: 1.432+/-0.004 χ^2/NDF : 4785.4/15

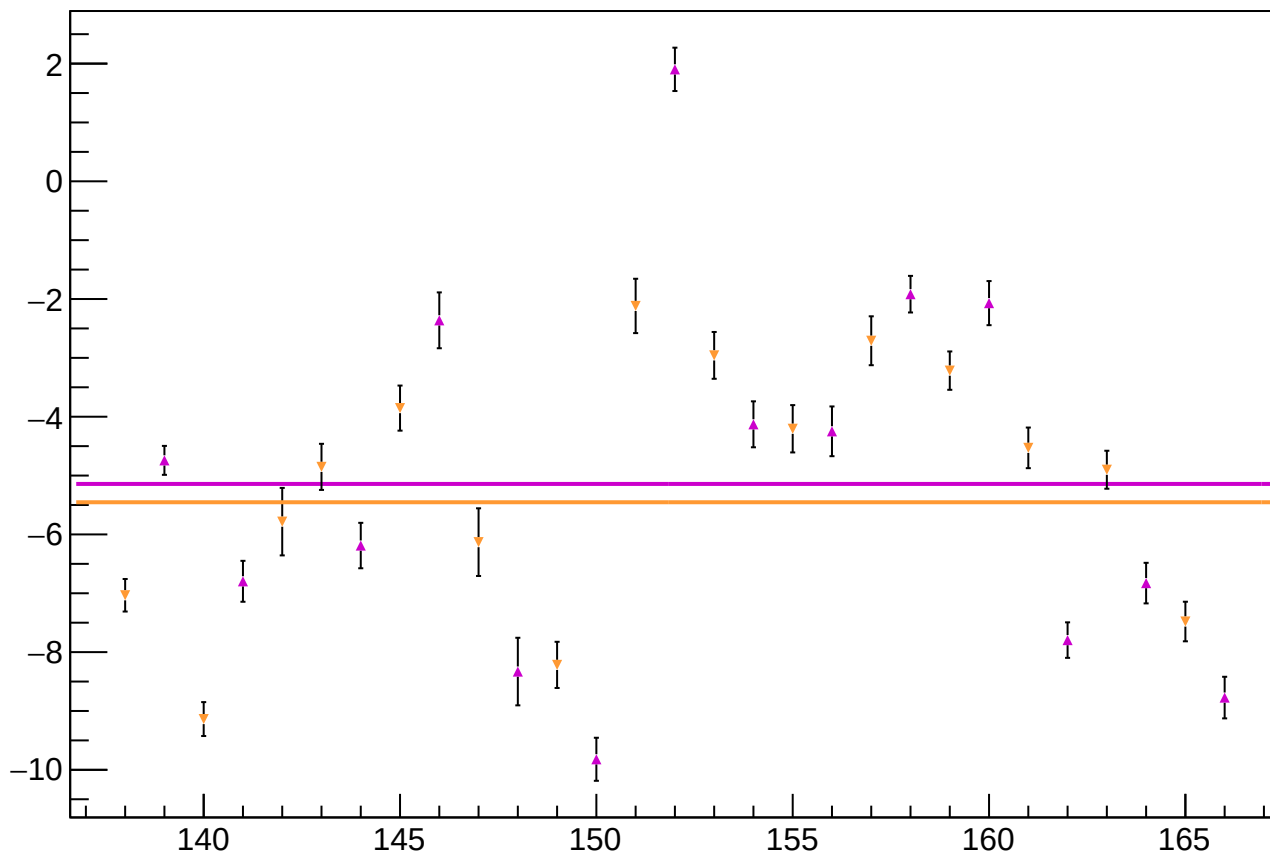
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.416+/-0.005 χ^2/NDF : 3246.1/13

Out: 1.500+/-0.004 χ^2/NDF : 2614.4/20

All: 1.464+/-0.003 χ^2/NDF : 6029.2/34

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.453+/-0.095 χ^2/NDF :505.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.142+/-0.095 χ^2/NDF :1019.9/13

Left: -5.297+/-0.067 χ^2/NDF : 1530.9/28

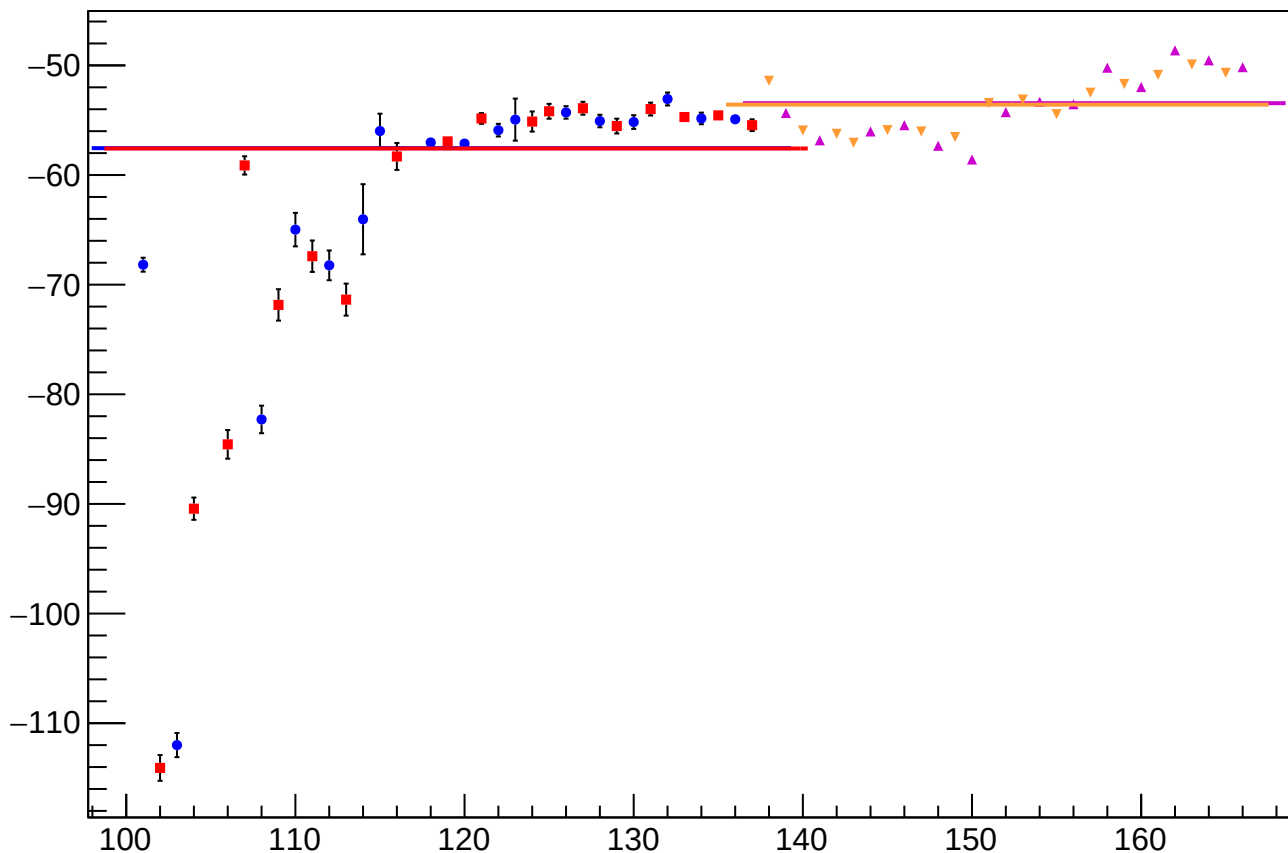
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.142+/-0.095 χ^2/NDF :1019.9/13

Out: -5.453+/-0.095 χ^2/NDF :505.6/14

All: -5.297+/-0.067 χ^2/NDF : 1530.9/28

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -53.580 $\pm$ 0.071 χ^2 /NDF:1159.9/14

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -53.447 $\pm$ 0.073 χ^2 /NDF:1872.2/13

Left: -53.516 $\pm$ 0.051 χ^2 /NDF: 3033.8/28

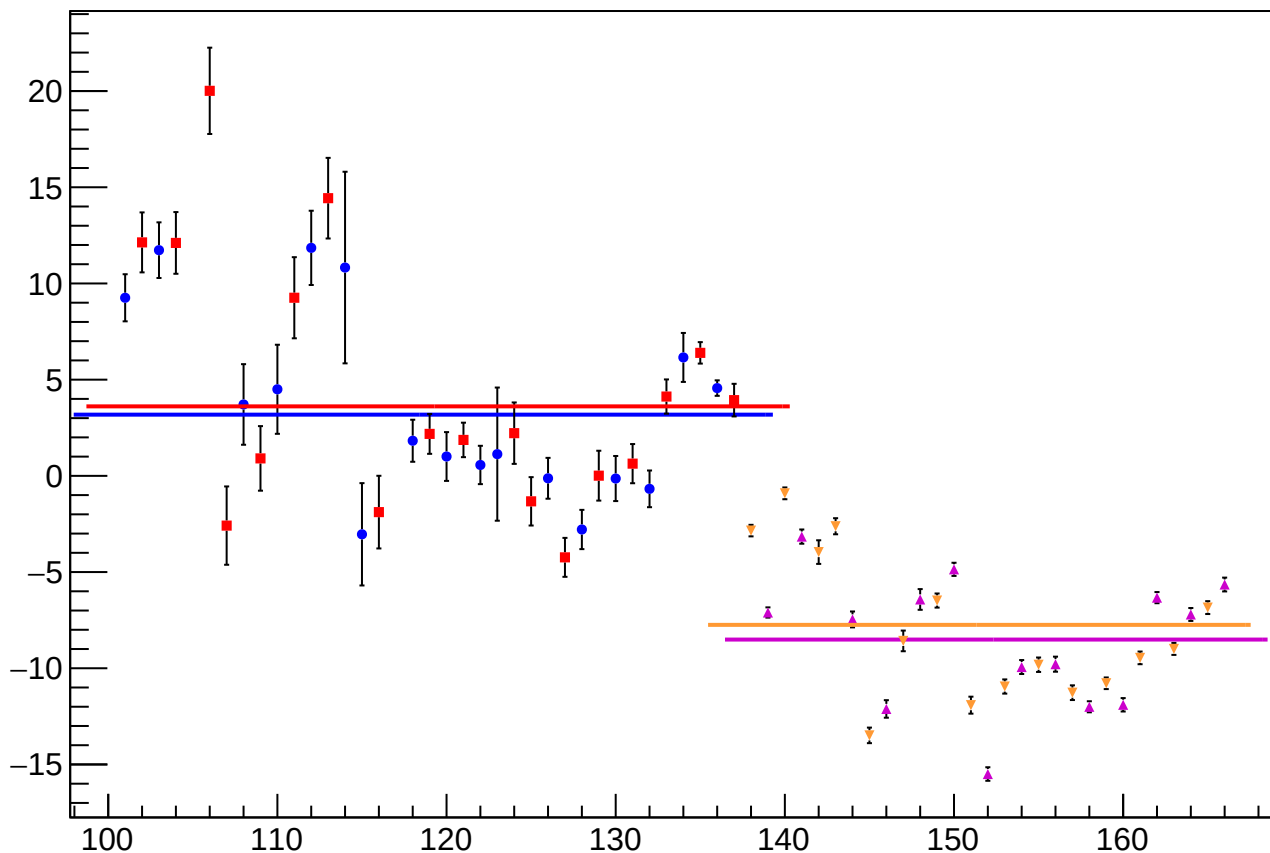
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -54.310 $\pm$ 0.065 χ^2 /NDF:5995.5/30

Out: -54.366 $\pm$ 0.063 χ^2 /NDF:6133.4/32

All: -54.338 $\pm$ 0.045 χ^2 /NDF: 12129.3/63

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.745 ± 0.094 $\chi^2/\text{NDF}: 1598.5/14$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.509 ± 0.093 $\chi^2/\text{NDF}: 1232.1/13$

Left: -8.130 ± 0.066 $\chi^2/\text{NDF}: 2863.9/28$

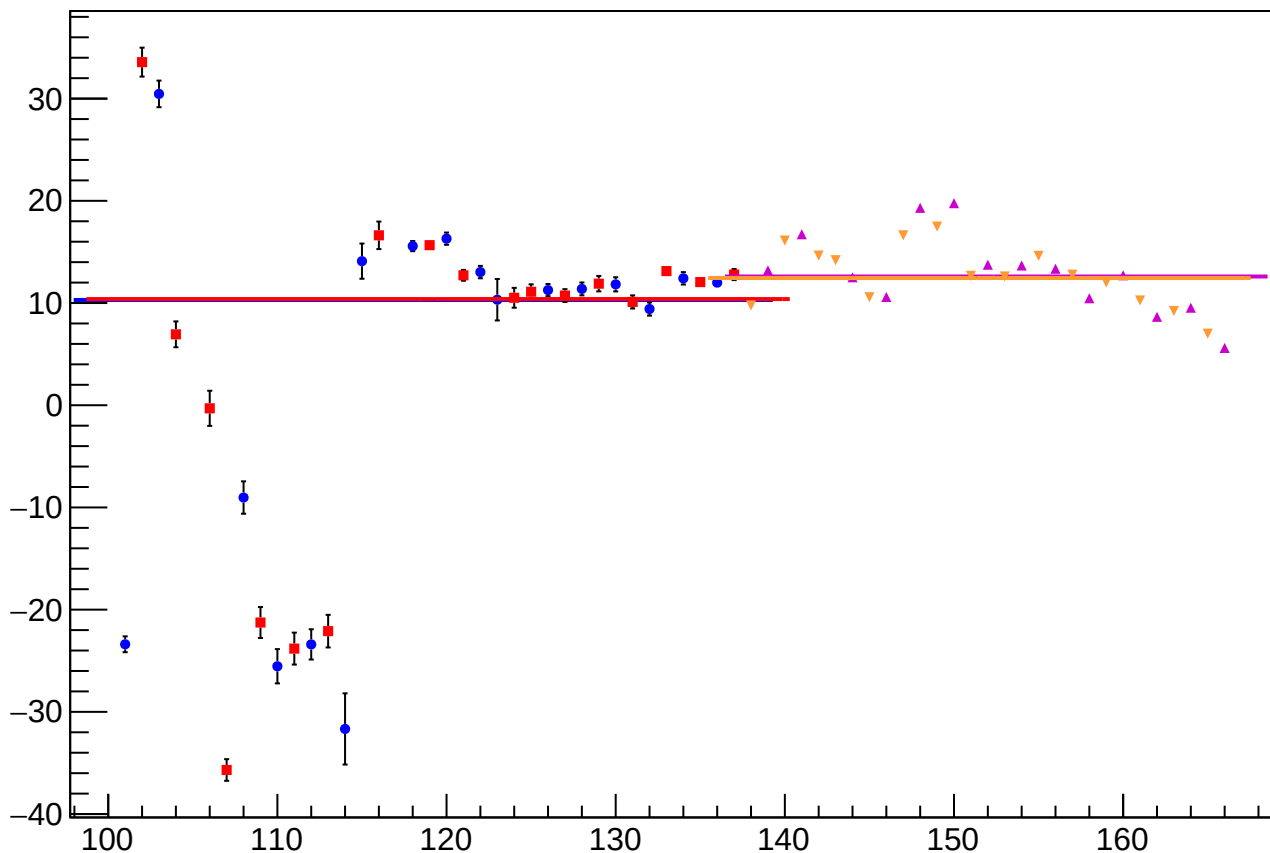
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.159 ± 0.088 $\chi^2/\text{NDF}: 3233.3/30$

Out: -6.497 ± 0.089 $\chi^2/\text{NDF}: 3487.8/32$

All: -6.832 ± 0.062 $\chi^2/\text{NDF}: 6749.2/63$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 12.446+/-0.081 χ^2/NDF :1276.1/14

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 12.596+/-0.082 χ^2/NDF :2007.0/13

Left: 12.520+/-0.058 χ^2/NDF : 3284.8/28

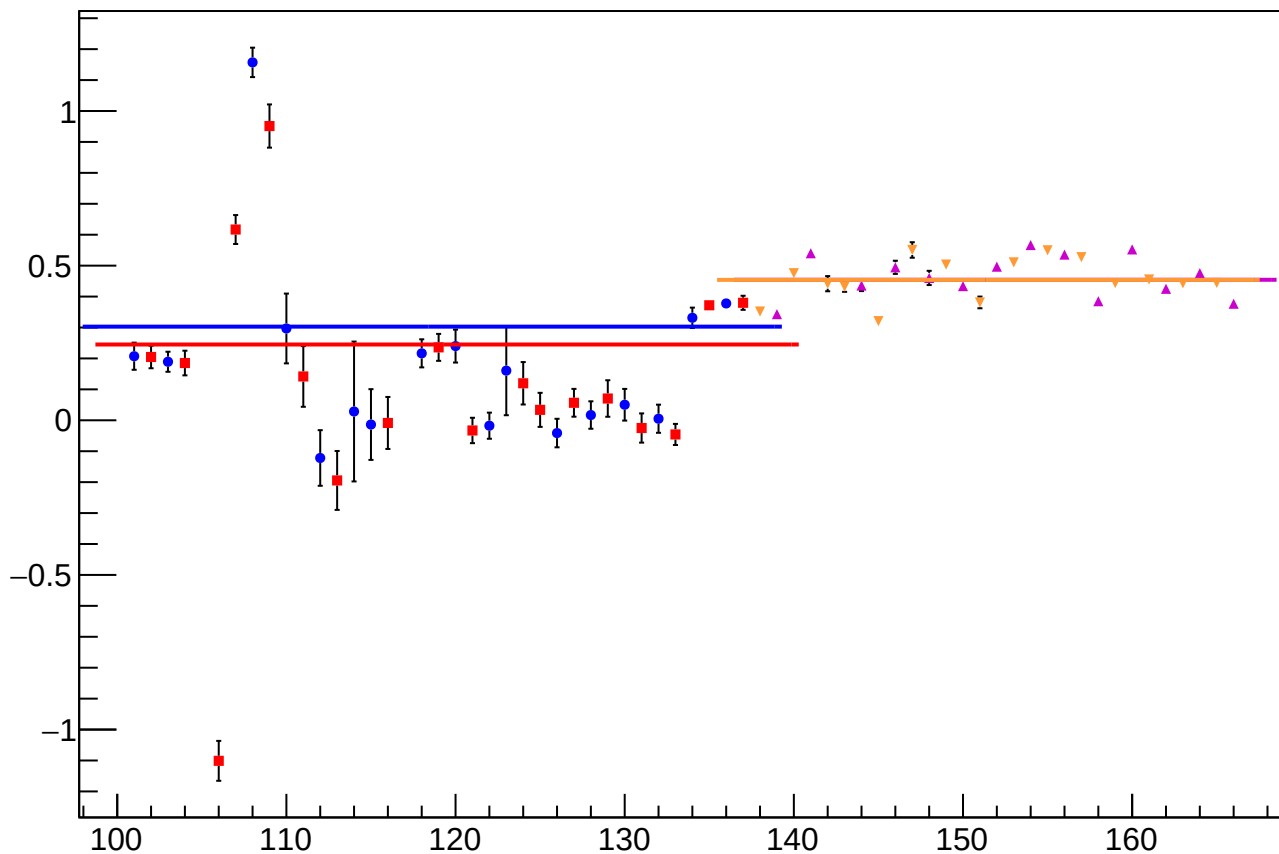
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 12.102+/-0.073 χ^2/NDF :5874.2/30

Out: 12.029+/-0.072 χ^2/NDF :5194.6/32

All: 12.065+/-0.051 χ^2/NDF : 11069.3/63

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.454 $\pm$ 0.004 χ^2 /NDF:301.4/14

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.454 $\pm$ 0.004 χ^2 /NDF:444.2/13

Left: 0.454 $\pm$ 0.003 χ^2 /NDF: 745.7/28

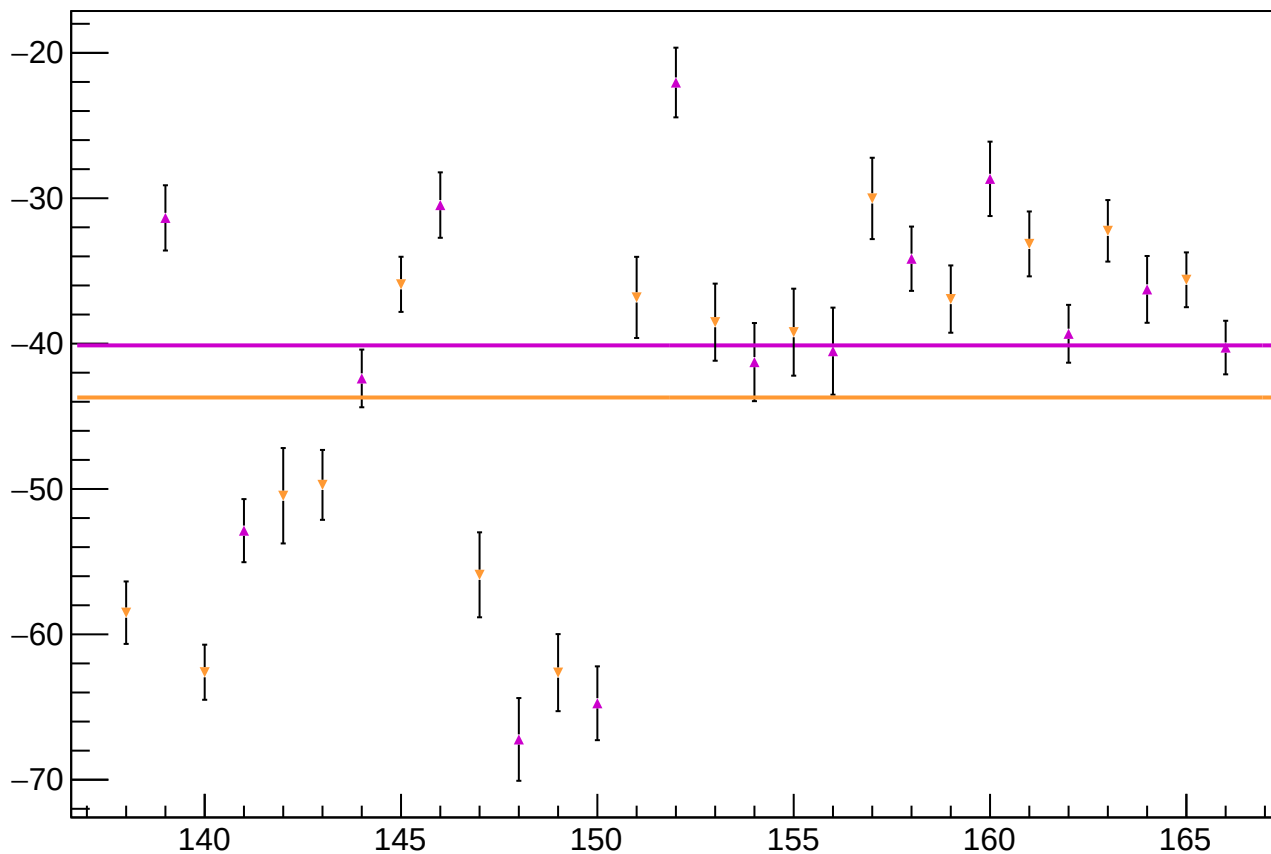
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.430 $\pm$ 0.003 χ^2 /NDF:1377.7/30

Out: 0.422 $\pm$ 0.003 χ^2 /NDF:1764.7/32

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3145.4/63

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.706+/-0.609 χ^2/NDF :357.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.122+/-0.613 χ^2/NDF :341.6/13

Left: -41.928+/-0.432 χ^2/NDF : 716.3/28

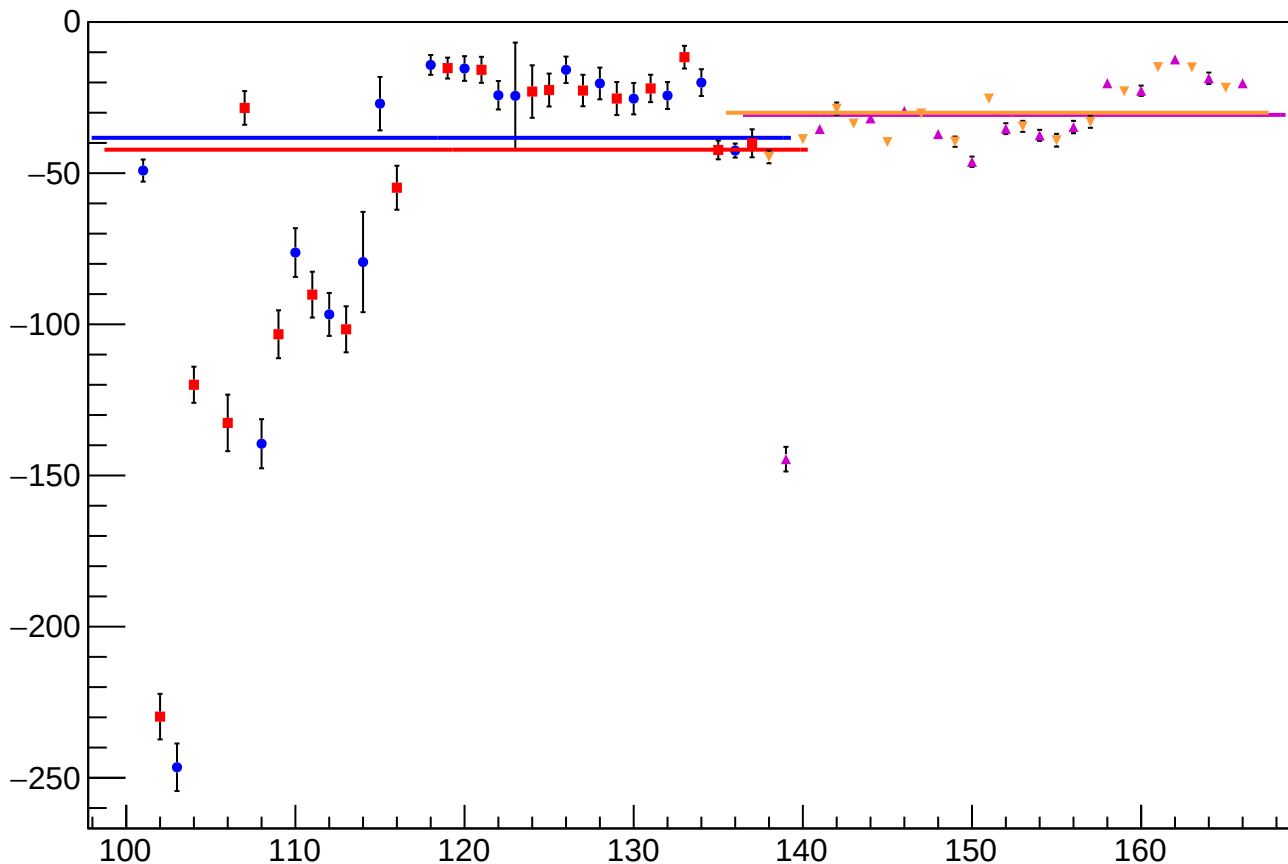
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.122+/-0.613 χ^2/NDF :341.6/13

Out: -43.706+/-0.609 χ^2/NDF :357.5/14

All: -41.928+/-0.432 χ^2/NDF : 716.3/28

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: -30.013 ± 0.436 $\chi^2/\text{NDF}: 419.1/14$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -30.717 ± 0.446 $\chi^2/\text{NDF}: 1202.9/13$

Left: -30.356 ± 0.312 $\chi^2/\text{NDF}: 1623.3/28$

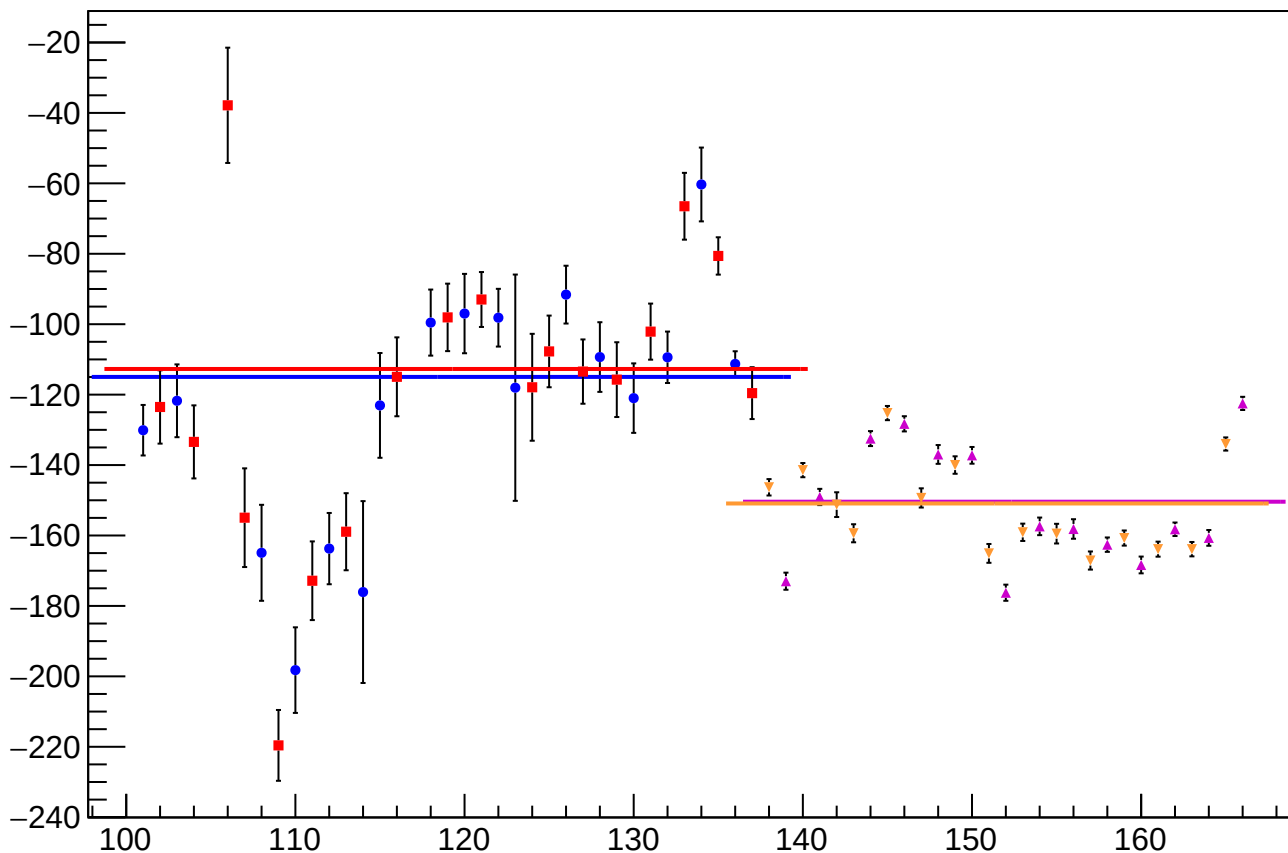
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -31.729 ± 0.416 $\chi^2/\text{NDF}: 2374.2/30$

Out: -31.416 ± 0.410 $\chi^2/\text{NDF}: 1787.6/32$

All: -31.570 ± 0.292 $\chi^2/\text{NDF}: 4162.1/63$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



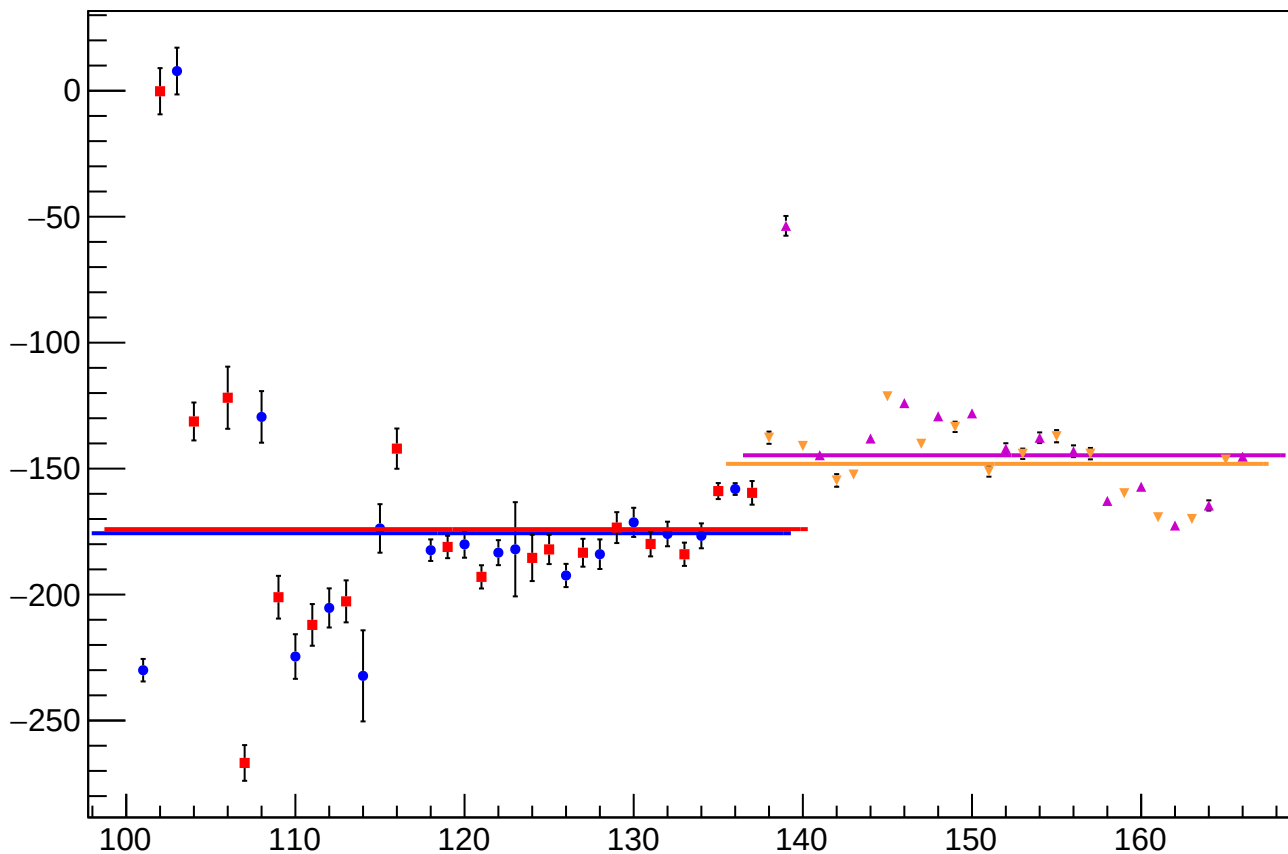
Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$
 Left Out: -150.909 ± 0.603 $\chi^2/\text{NDF}: 486.3/14$
 Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$
 Left In: -150.406 ± 0.601 $\chi^2/\text{NDF}: 814.3/13$

Left: -150.657 ± 0.426 $\chi^2/\text{NDF}: 1300.9/28$
 Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -147.659 ± 0.578 $\chi^2/\text{NDF}: 1224.9/30$
 Out: -148.265 ± 0.582 $\chi^2/\text{NDF}: 1031.3/32$

All: -147.960 ± 0.410 $\chi^2/\text{NDF}: 2256.8/63$

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: -148.109 $\pm$ 0.504 χ^2/NDF : 751.8/14

Right Out: -174.024 $\pm$ 1.355 χ^2/NDF : 703.5/17

Left In: -144.710 $\pm$ 0.513 χ^2/NDF : 1396.5/13

Left: -146.441 $\pm$ 0.360 χ^2/NDF : 2170.6/28

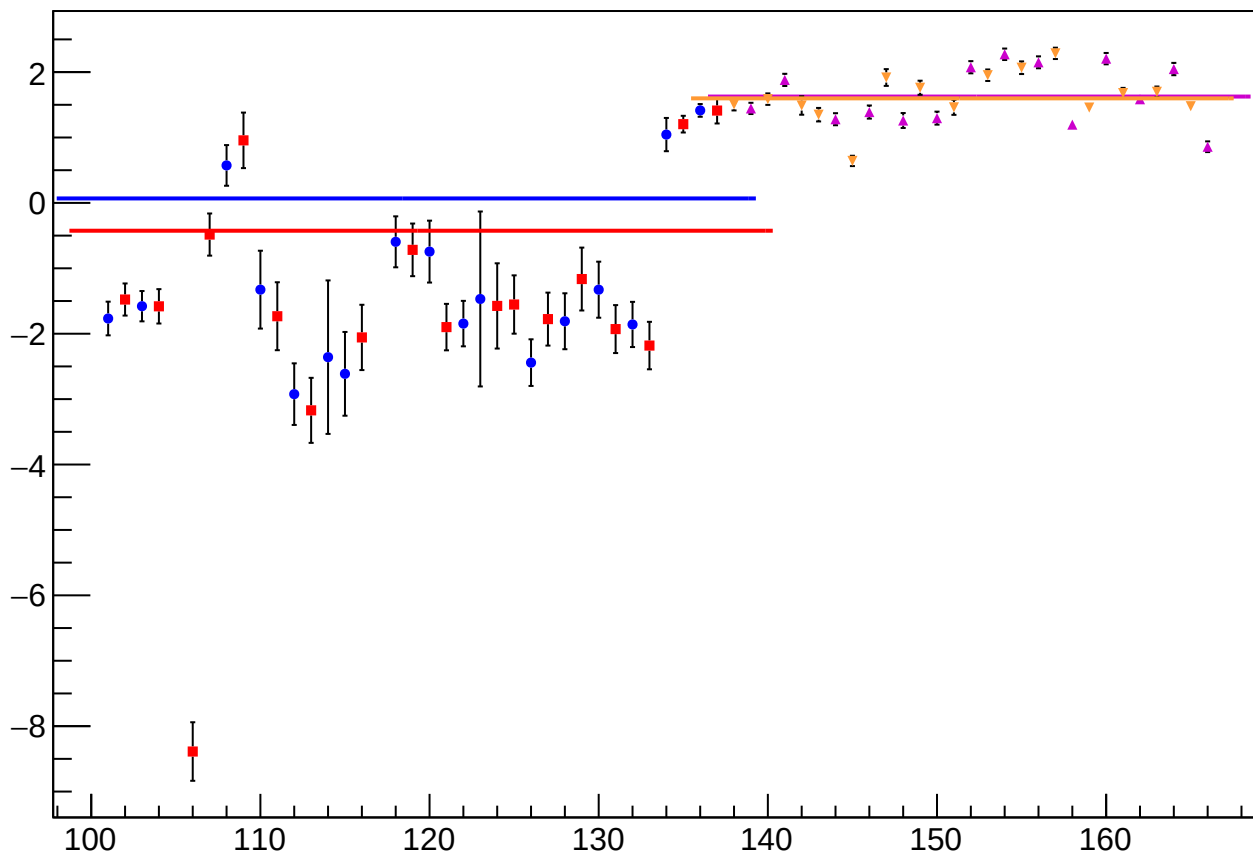
Right: -174.891 $\pm$ 0.926 χ^2/NDF : 1396.3/34

In: -149.062 $\pm$ 0.476 χ^2/NDF : 2599.4/30

Out: -151.259 $\pm$ 0.472 χ^2/NDF : 1776.5/32

All: -150.168 $\pm$ 0.335 χ^2/NDF : 4386.7/63

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.598 ± 0.024 χ^2/NDF : 274.3/14

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.626 ± 0.024 χ^2/NDF : 349.9/13

Left: 1.612 ± 0.017 χ^2/NDF : 624.9/28

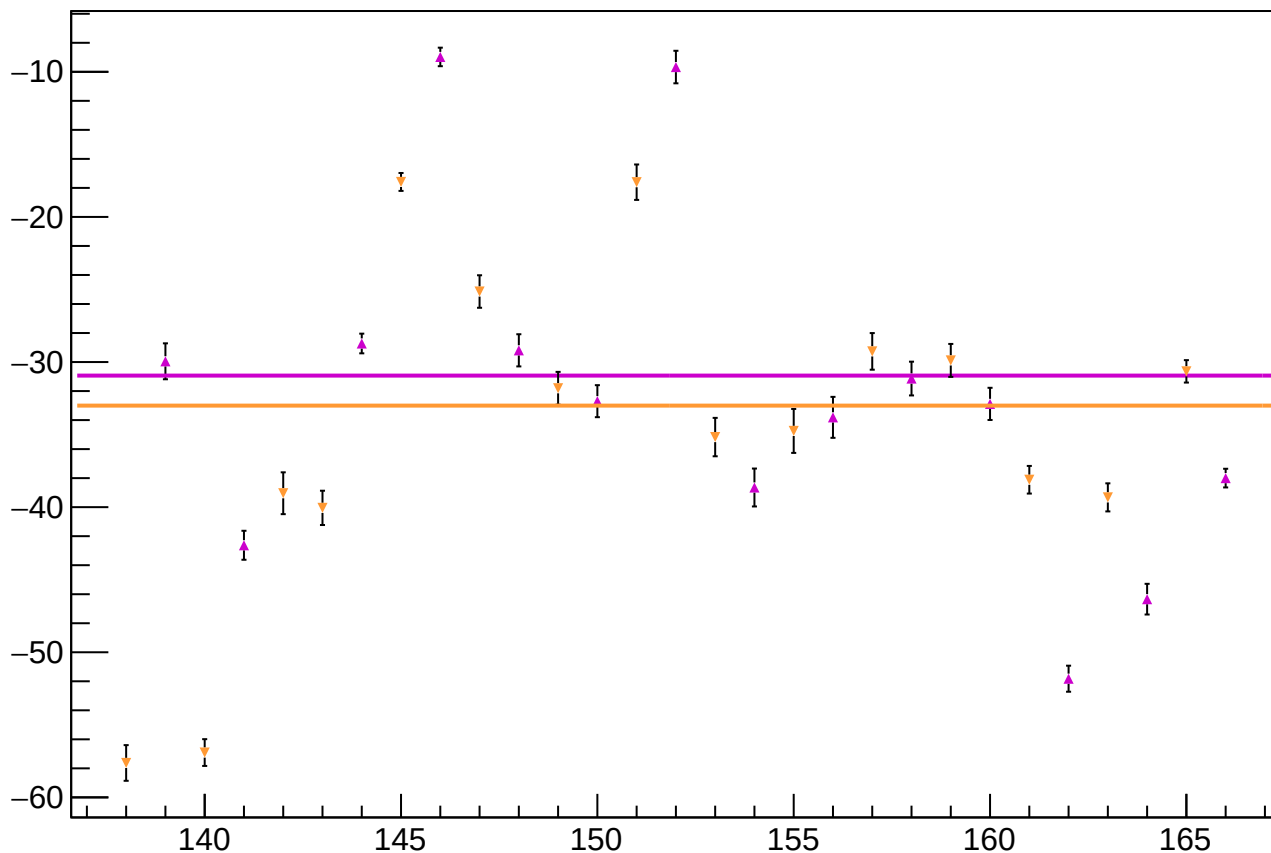
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.452 ± 0.022 χ^2/NDF : 1355.7/30

Out: 1.398 ± 0.022 χ^2/NDF : 1744.0/32

All: 1.425 ± 0.016 χ^2/NDF : 3102.6/63

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

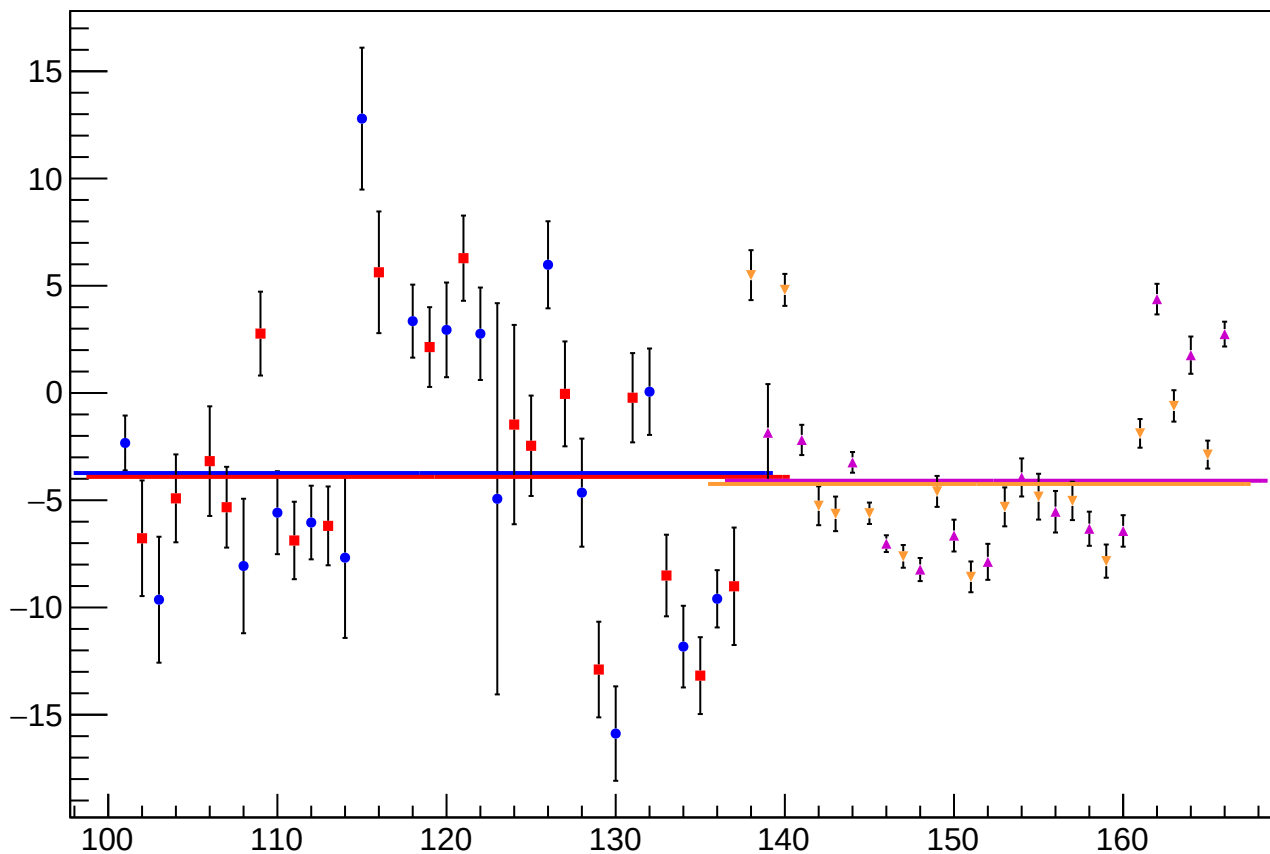


Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.002 ± 0.266 χ^2/NDF : 2060.2/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -30.934 ± 0.251 χ^2/NDF : 2612.3/13

Left: -31.908 ± 0.182 χ^2/NDF : 4704.6/28
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -30.934 ± 0.251 χ^2/NDF : 2612.3/13
 Out: -33.002 ± 0.266 χ^2/NDF : 2060.2/14

All: -31.908 ± 0.182 χ^2/NDF : 4704.6/28

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.241 ± 0.188 $\chi^2/\text{NDF}: 371.9/14$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -4.091 ± 0.177 $\chi^2/\text{NDF}: 505.0/13$

Left: -4.161 ± 0.129 $\chi^2/\text{NDF}: 877.2/28$

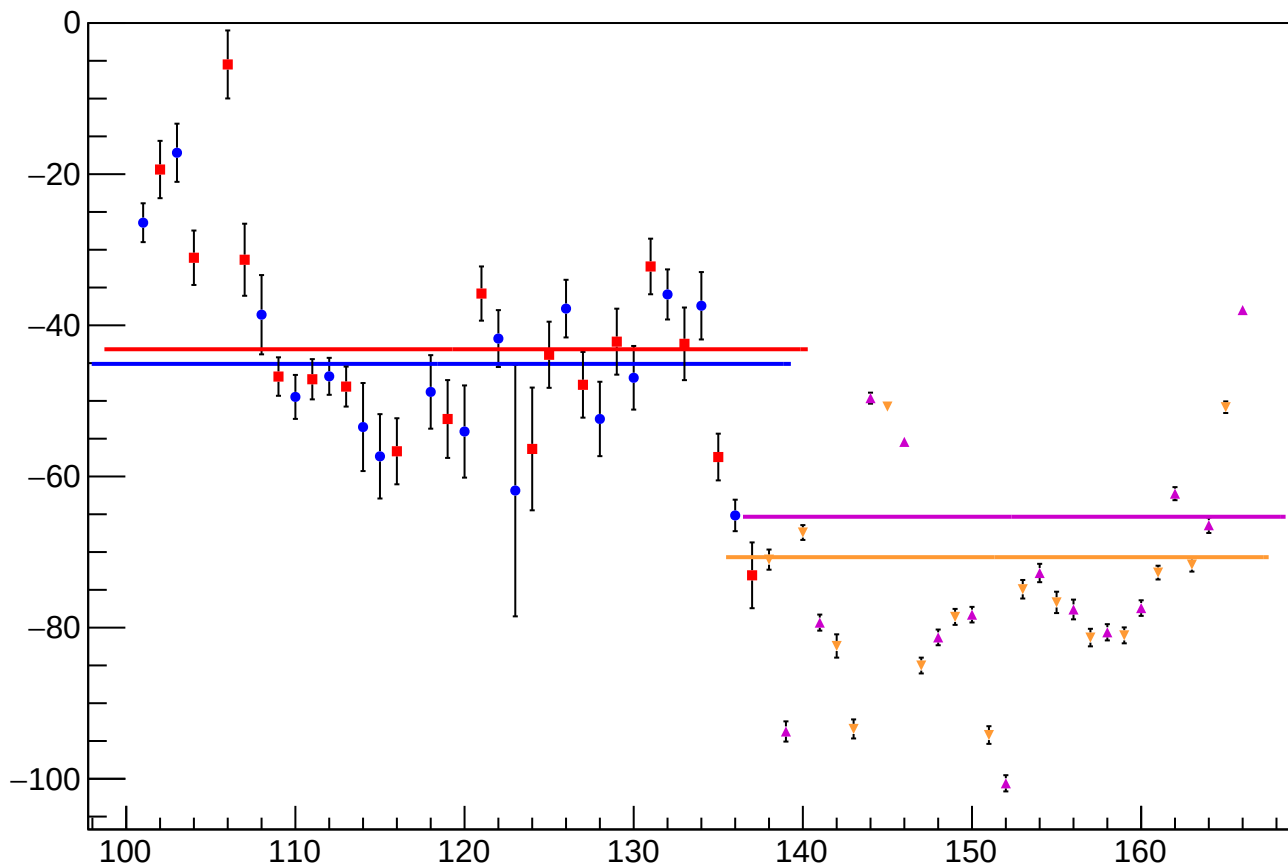
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -4.050 ± 0.167 $\chi^2/\text{NDF}: 671.3/30$

Out: -4.201 ± 0.177 $\chi^2/\text{NDF}: 497.0/32$

All: -4.121 ± 0.121 $\chi^2/\text{NDF}: 1168.7/63$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -70.677 ± 0.264 χ^2/NDF : 2852.5/14

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -65.329 ± 0.247 χ^2/NDF : 5049.2/13

Left: -67.826 ± 0.180 χ^2/NDF : 8121.0/28

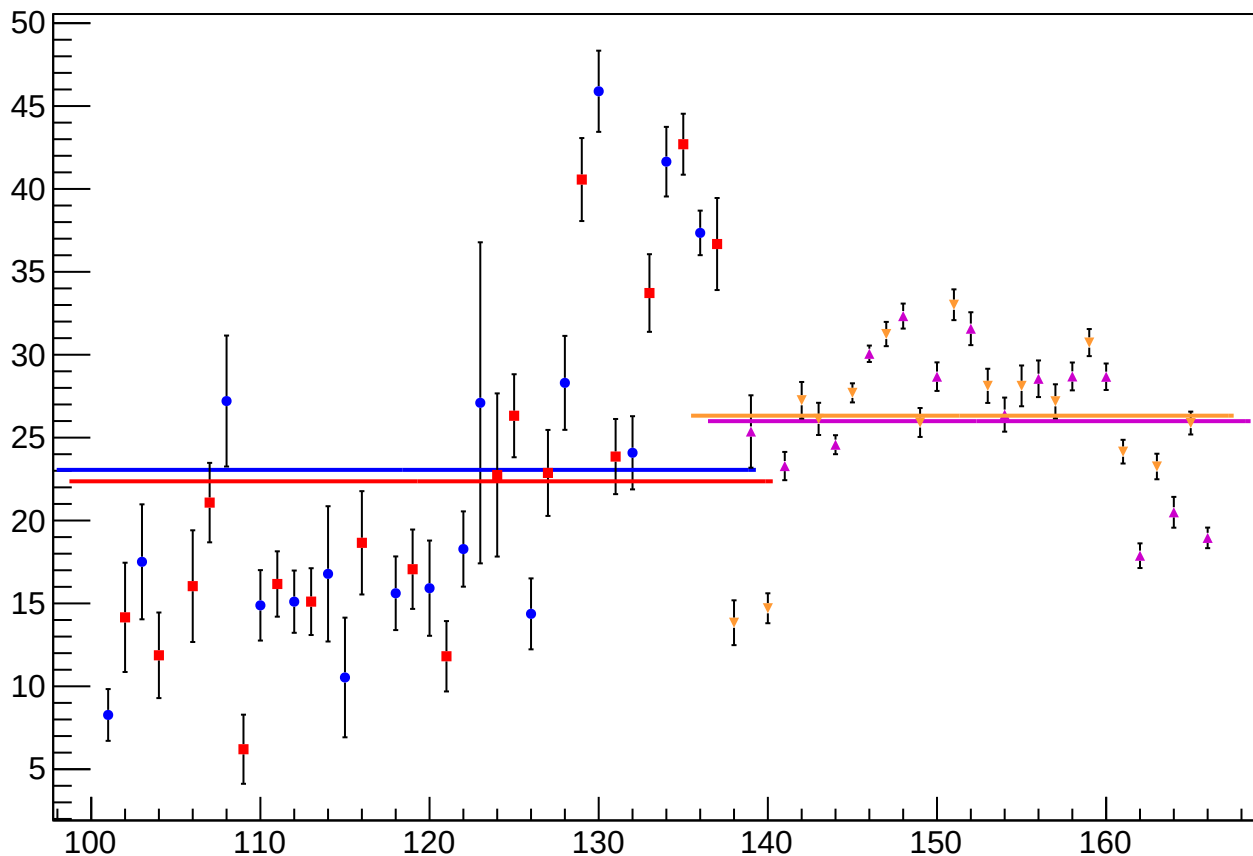
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -63.861 ± 0.238 χ^2/NDF : 5766.9/30

Out: -68.406 ± 0.253 χ^2/NDF : 3983.7/32

All: -65.995 ± 0.173 χ^2/NDF : 9922.2/63

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.324 $\pm$ 0.219 χ^2 /NDF:415.3/14

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 25.994 $\pm$ 0.208 χ^2 /NDF:505.5/13

Left: 26.150 $\pm$ 0.151 χ^2 /NDF: 922.1/28

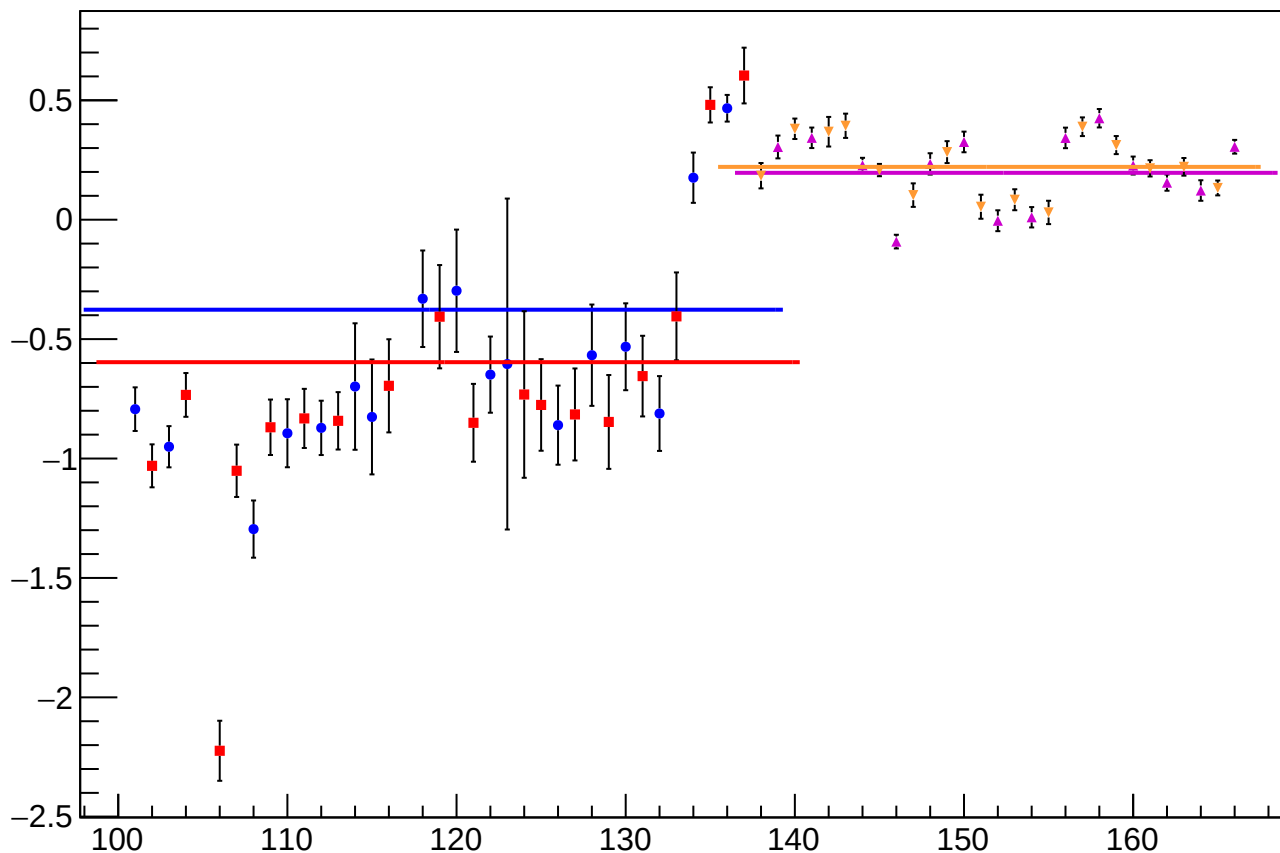
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 25.635 $\pm$ 0.195 χ^2 /NDF:991.1/30

Out: 25.818 $\pm$ 0.205 χ^2 /NDF:825.8/32

All: 25.722 $\pm$ 0.141 χ^2 /NDF: 1817.3/63

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.221 ± 0.010 χ^2/NDF : 107.7/14

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.196 ± 0.010 χ^2/NDF : 234.7/13

Left: 0.208 ± 0.007 χ^2/NDF : 345.4/28

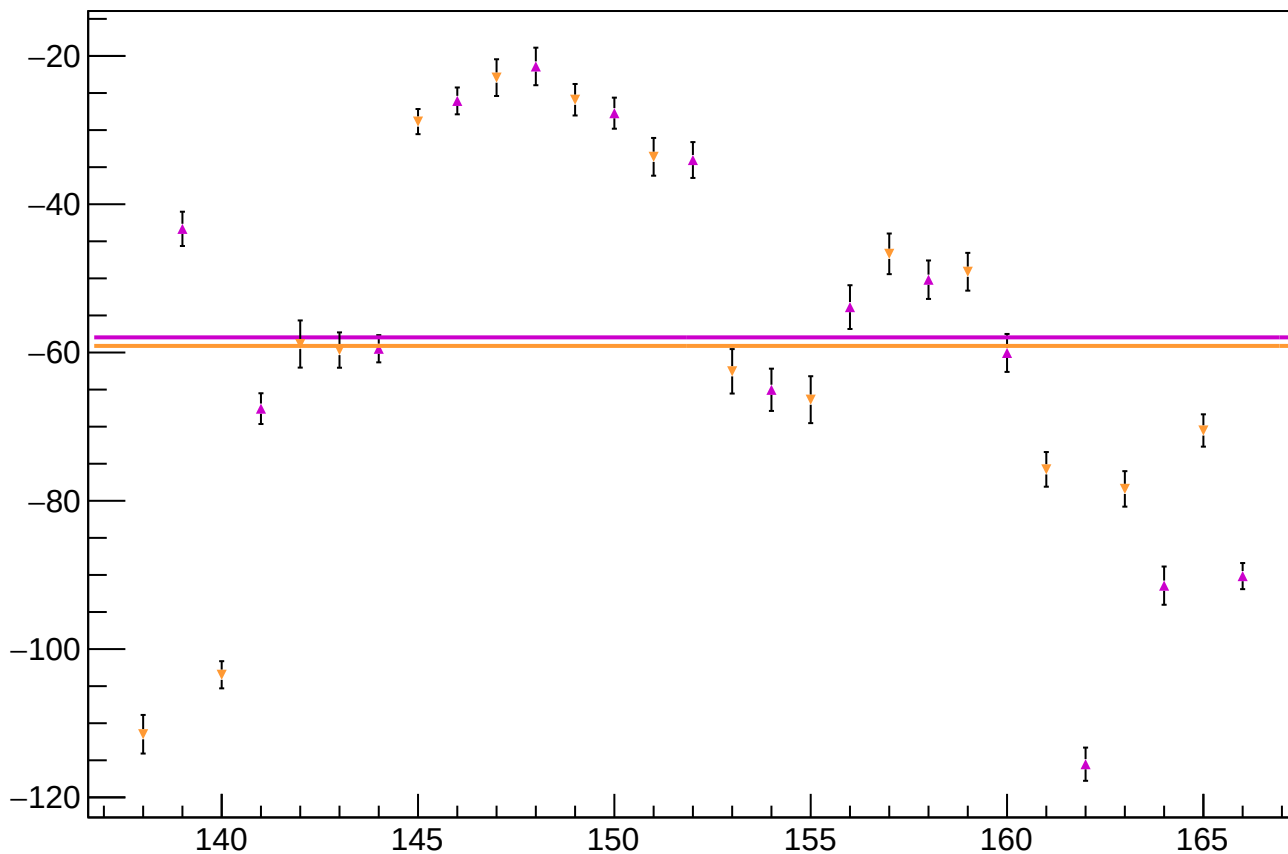
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.139 ± 0.010 χ^2/NDF : 998.2/30

Out: 0.135 ± 0.010 χ^2/NDF : 1312.7/32

All: 0.137 ± 0.007 χ^2/NDF : 2311.0/63

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.110+/-0.612 χ^2/NDF :2052.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.957+/-0.599 χ^2/NDF :2068.5/13

Left: -58.521+/-0.428 χ^2/NDF : 4122.6/28

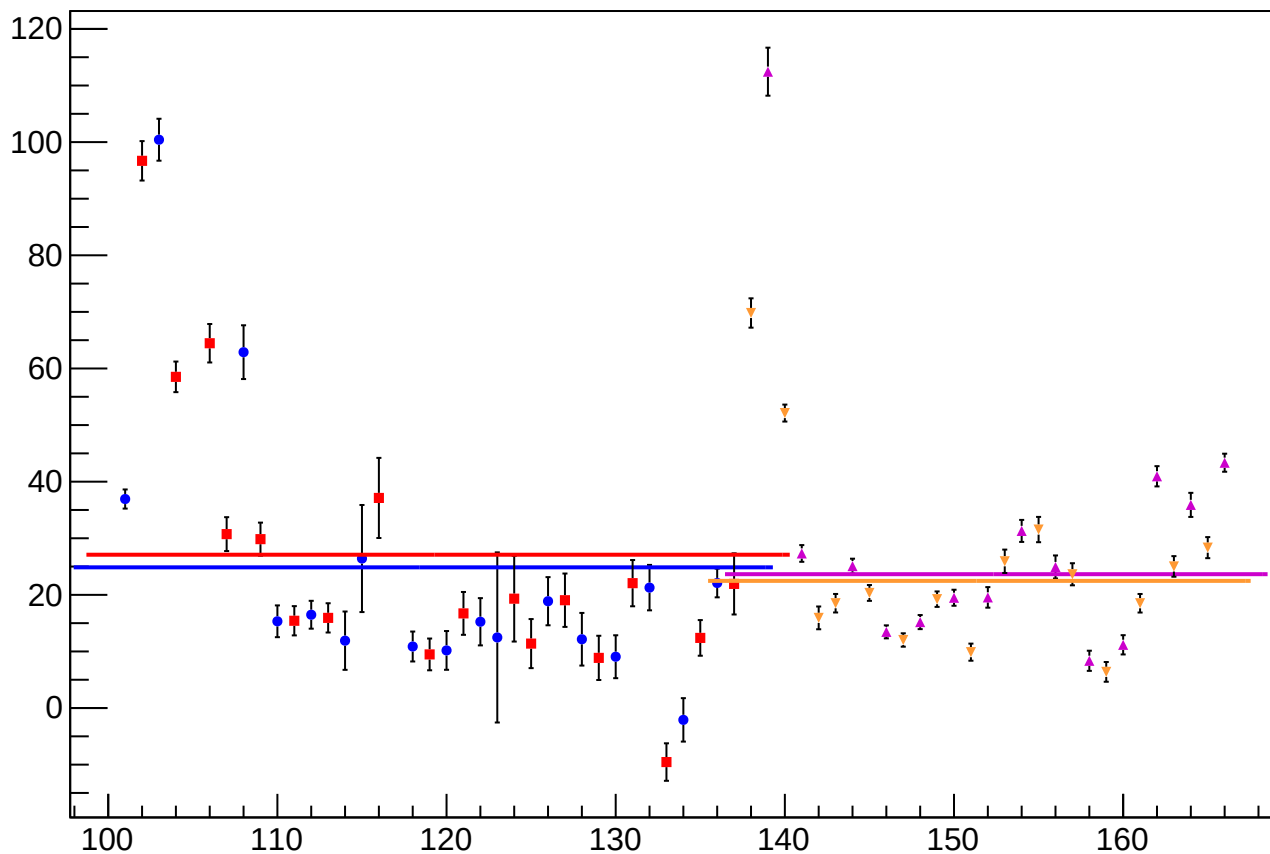
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.957+/-0.599 χ^2/NDF :2068.5/13

Out: -59.110+/-0.612 χ^2/NDF :2052.4/14

All: -58.521+/-0.428 χ^2/NDF : 4122.6/28

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 22.471 ± 0.430 χ^2/NDF : 1018.4/14

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 23.653 ± 0.431 χ^2/NDF : 1006.5/13

Left: 23.061 ± 0.304 χ^2/NDF : 2028.7/28

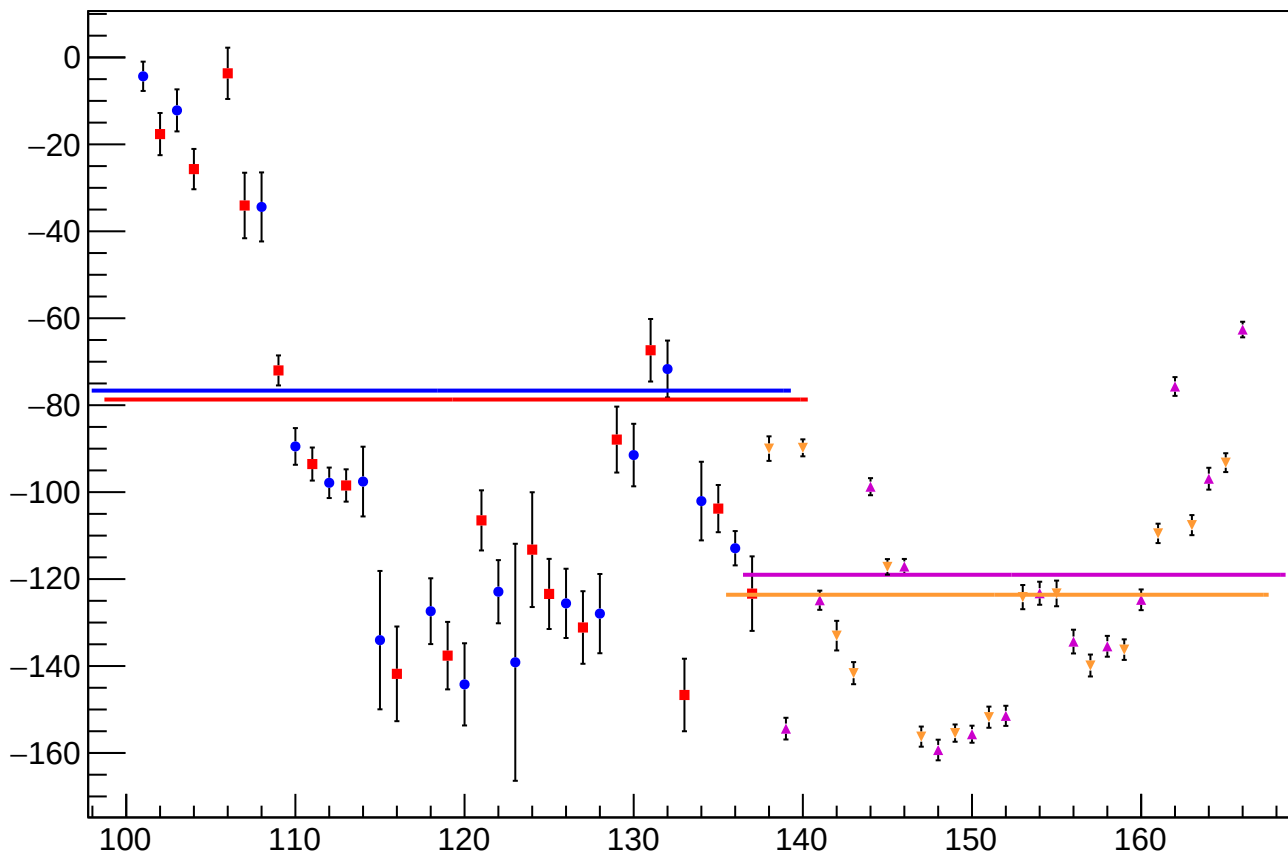
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 23.924 ± 0.379 χ^2/NDF : 1699.3/30

Out: 23.484 ± 0.380 χ^2/NDF : 1974.6/32

All: 23.705 ± 0.269 χ^2/NDF : 3674.6/63

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -123.603 ± 0.605 χ^2/NDF : 1457.0/14

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -119.008 ± 0.588 χ^2/NDF : 2707.1/13

Left: -121.240 ± 0.422 χ^2/NDF : 4193.7/28

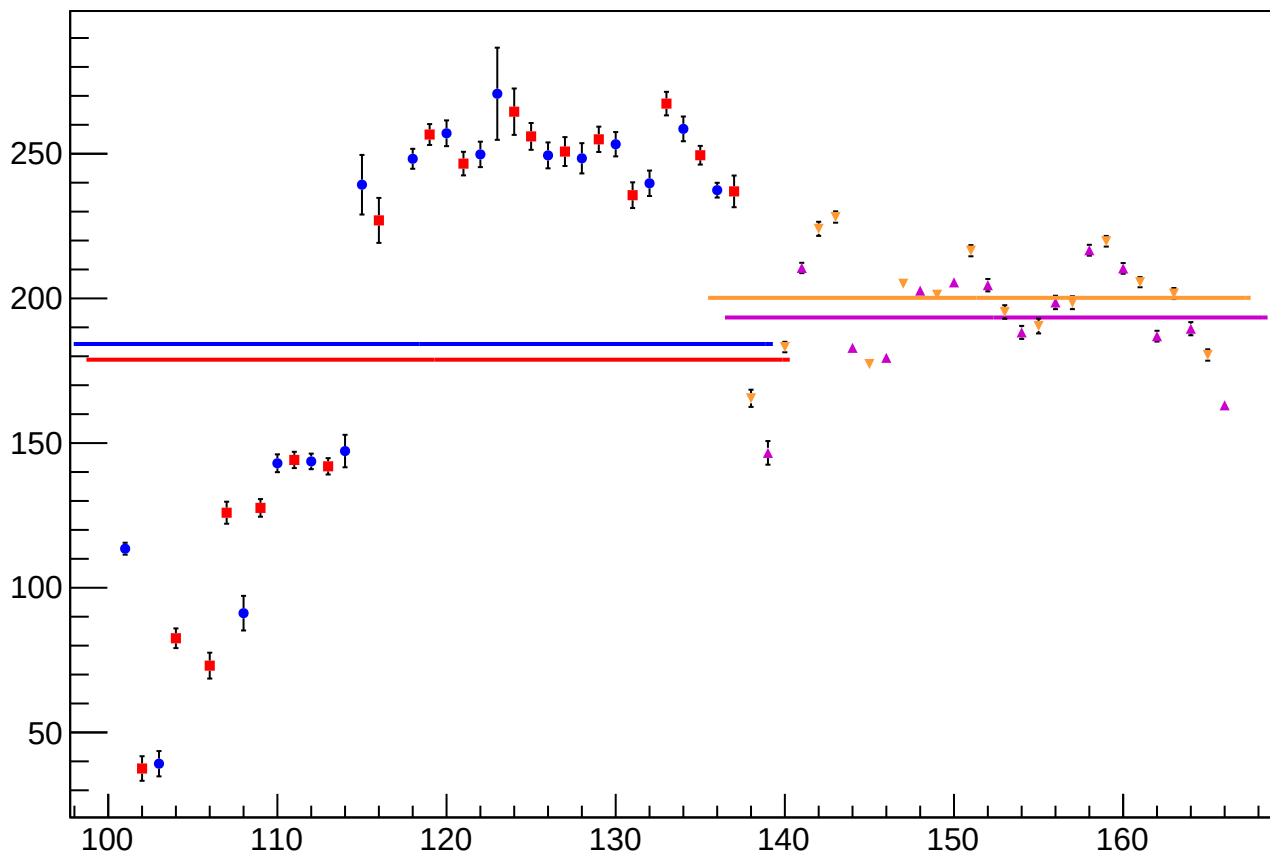
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -112.765 ± 0.543 χ^2/NDF : 4512.4/30

Out: -116.181 ± 0.553 χ^2/NDF : 3203.7/32

All: -114.443 ± 0.387 χ^2/NDF : 7735.6/63

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 200.201 $\pm$ 0.504 χ^2 /NDF:1049.8/14

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 193.406 $\pm$ 0.501 χ^2 /NDF:1053.0/13

Left: 196.783 $\pm$ 0.355 χ^2 /NDF: 2194.3/28

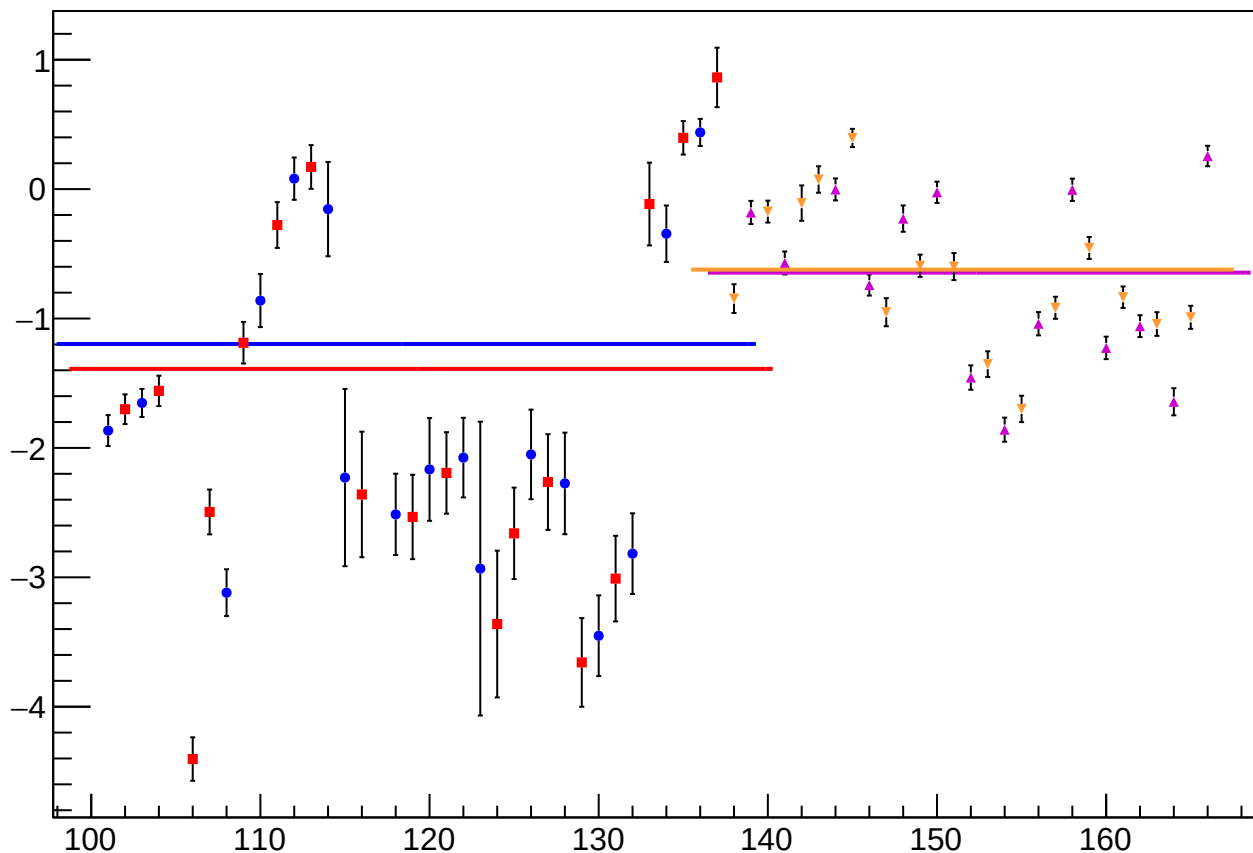
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 191.295 $\pm$ 0.439 χ^2 /NDF:6518.7/30

Out: 195.313 $\pm$ 0.443 χ^2 /NDF:7632.2/32

All: 193.290 $\pm$ 0.312 χ^2 /NDF: 14192.4/63

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.622 $\pm$ 0.024 χ^2/NDF : 537.6/14

Right Out: -1.389 $\pm$ 0.046 χ^2/NDF : 922.2/17

Left In: -0.645 $\pm$ 0.024 χ^2/NDF : 769.5/13

Left: -0.634 $\pm$ 0.017 χ^2/NDF : 1307.5/28

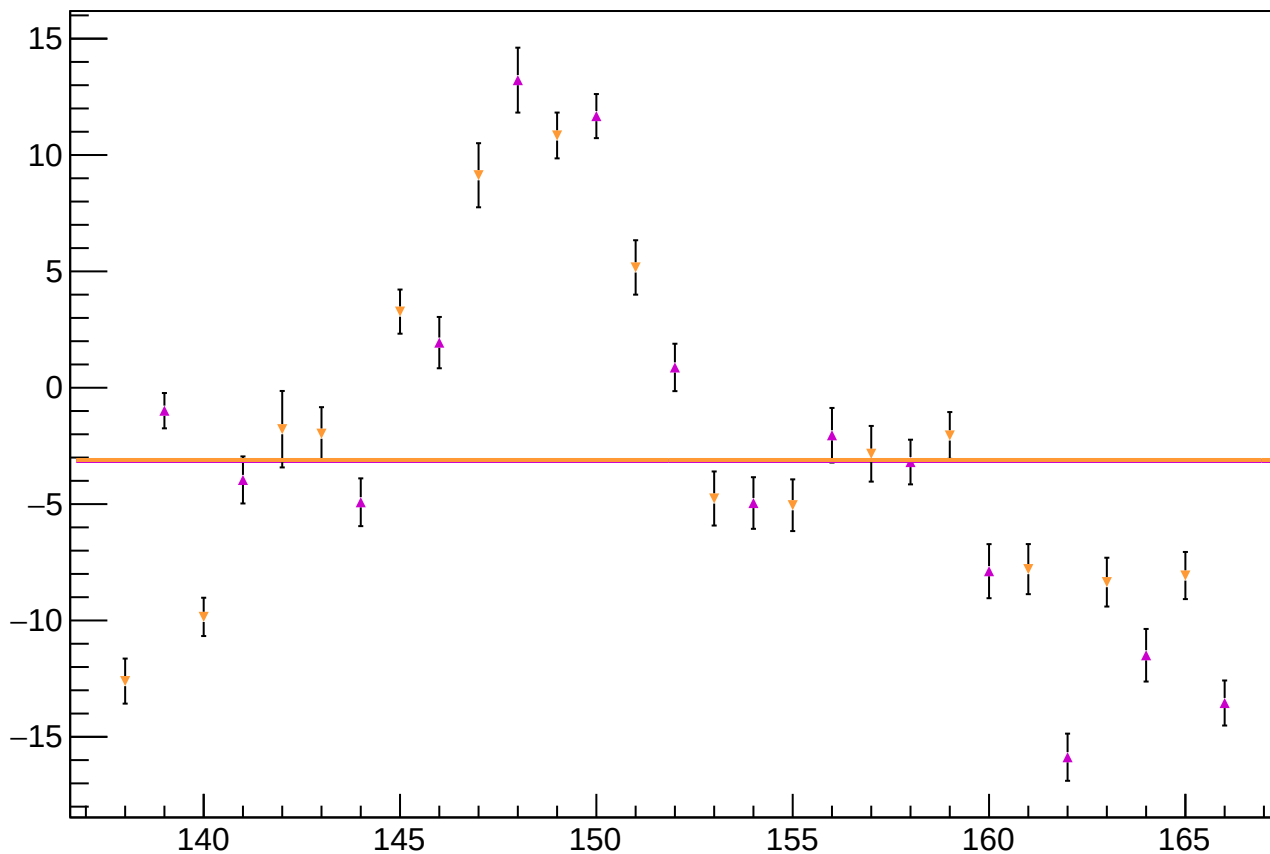
Right: -1.297 $\pm$ 0.033 χ^2/NDF : 1552.0/34

In: -0.752 $\pm$ 0.021 χ^2/NDF : 1496.8/30

Out: -0.785 $\pm$ 0.021 χ^2/NDF : 1678.1/32

All: -0.769 $\pm$ 0.015 χ^2/NDF : 3176.0/63

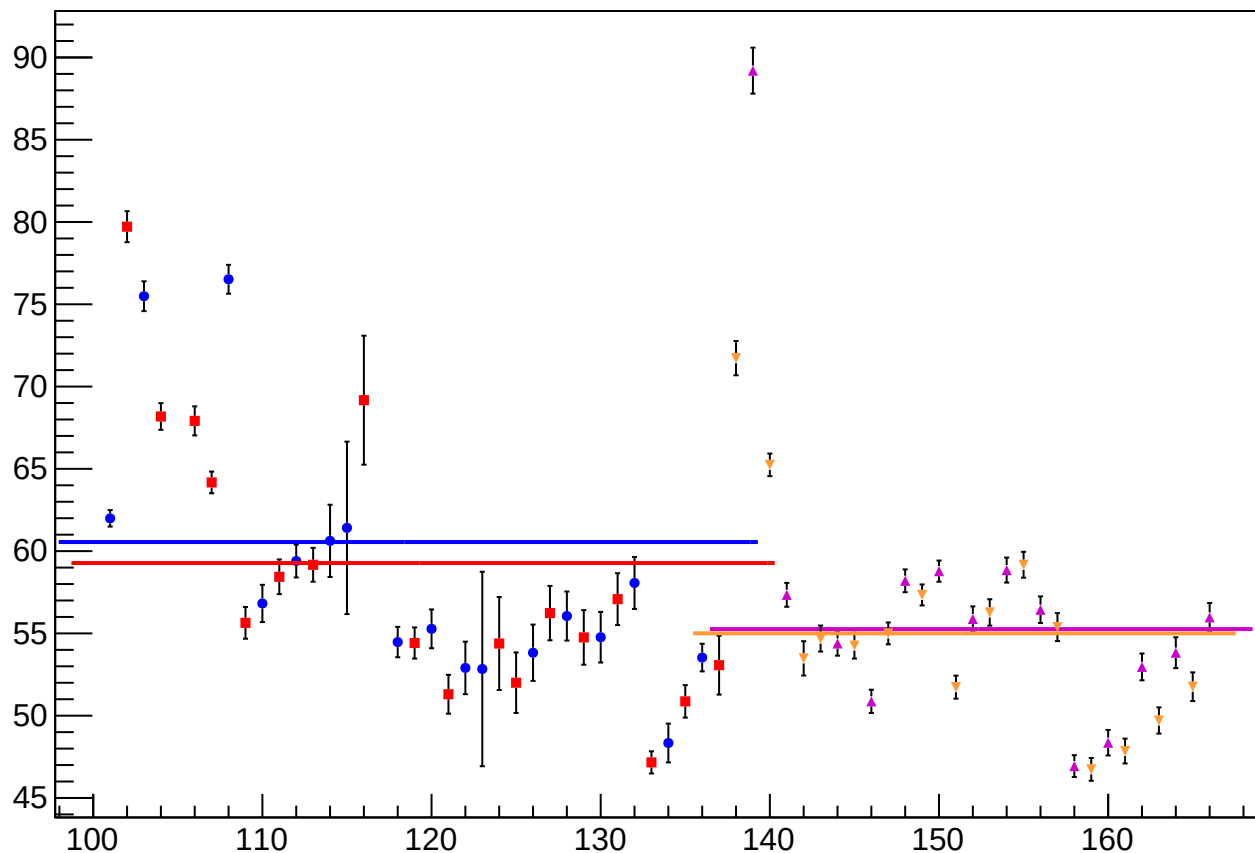
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.104+/-0.277 χ^2/NDF : 614.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.147+/-0.275 χ^2/NDF : 779.0/13

Left: -3.126+/-0.195 χ^2/NDF : 1393.4/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.147+/-0.275 χ^2/NDF : 779.0/13
 Out: -3.104+/-0.277 χ^2/NDF : 614.3/14
 All: -3.126+/-0.195 χ^2/NDF : 1393.4/28

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 55.004 $\pm$ 0.199 χ^2 /NDF: 839.4/14

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 55.263 $\pm$ 0.206 χ^2 /NDF: 959.8/13

Left: 55.129 $\pm$ 0.143 χ^2 /NDF: 1800.1/28

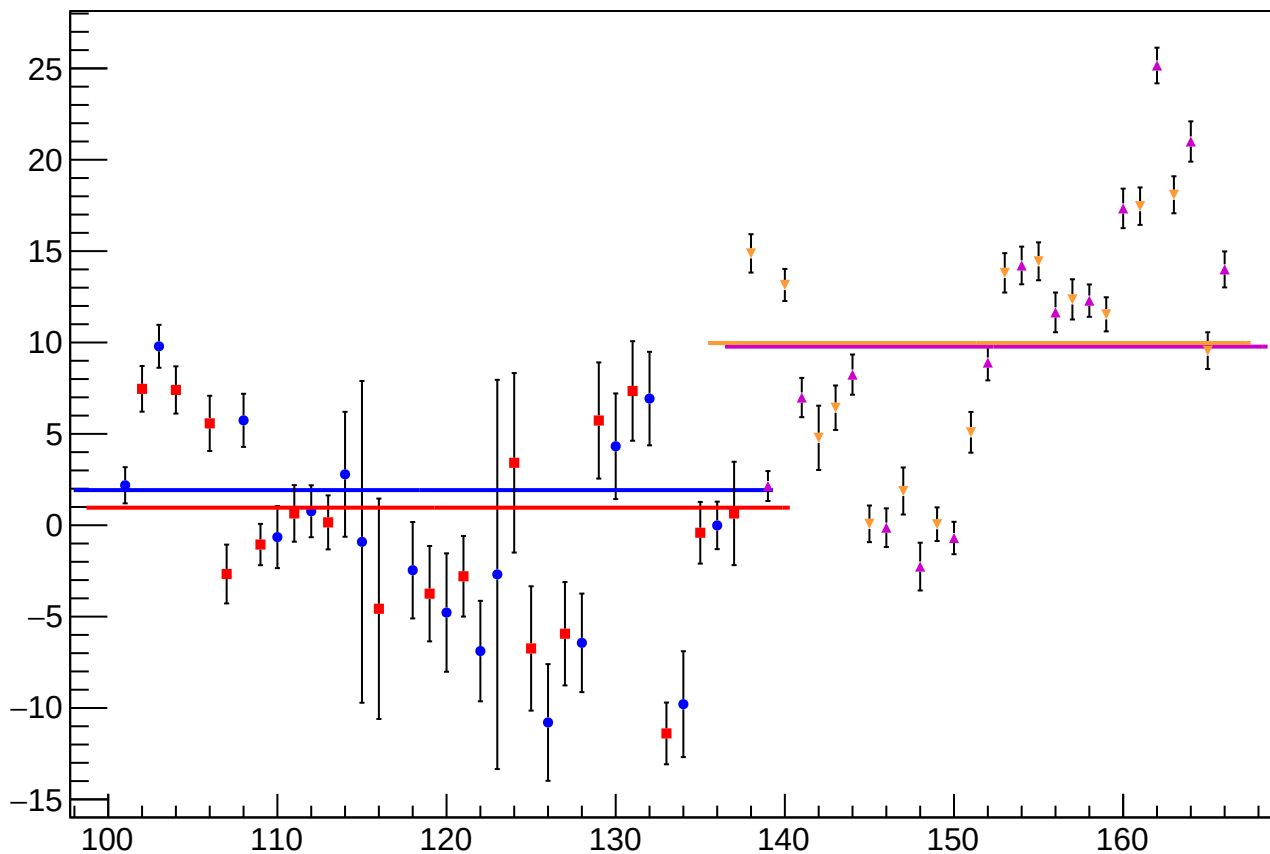
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 57.285 $\pm$ 0.162 χ^2 /NDF: 2143.0/30

Out: 56.672 $\pm$ 0.156 χ^2 /NDF: 2293.8/32

All: 56.966 $\pm$ 0.112 χ^2 /NDF: 4444.3/63

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: 9.972 ± 0.272 $\chi^2/\text{NDF}: 481.1/14$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 9.775 ± 0.269 $\chi^2/\text{NDF}: 857.9/13$

Left: 9.872 ± 0.191 $\chi^2/\text{NDF}: 1339.2/28$

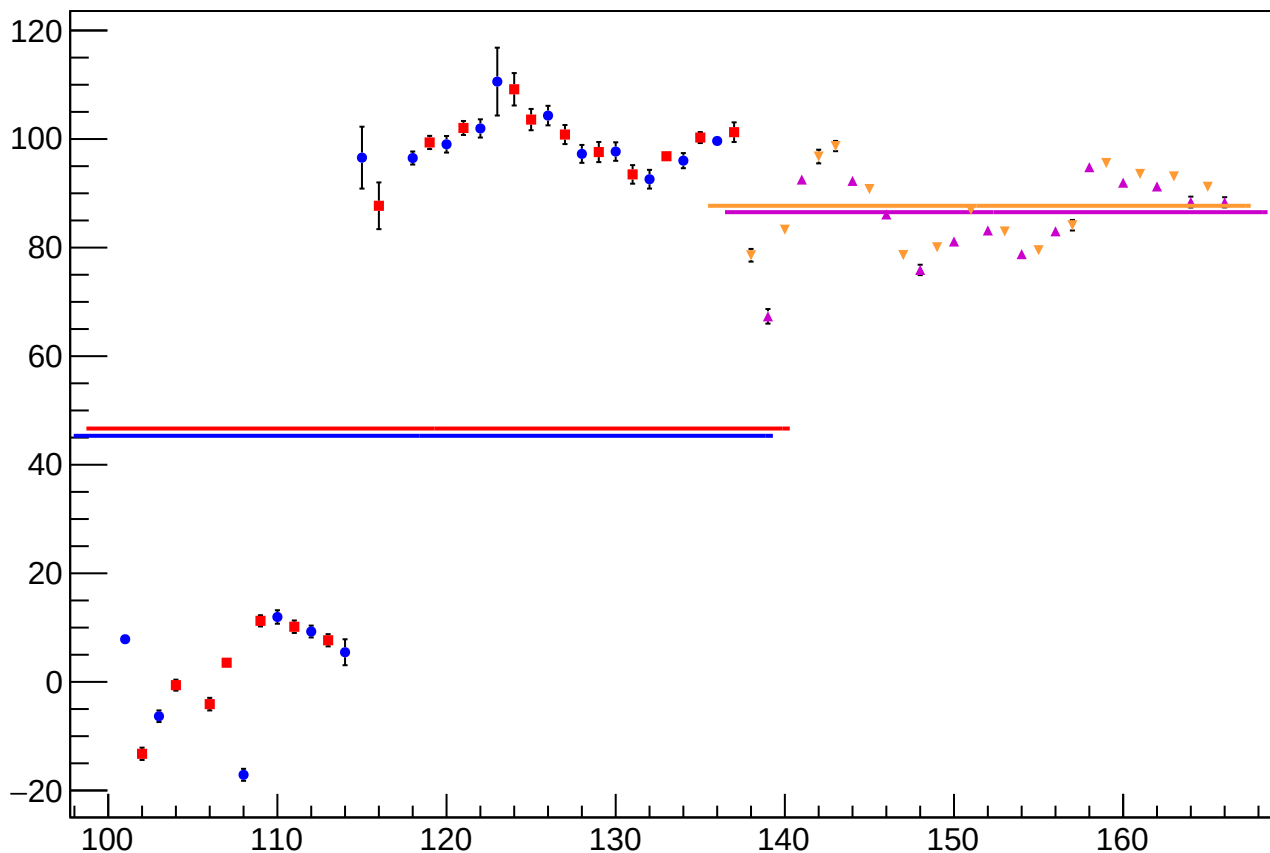
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 7.762 ± 0.232 $\chi^2/\text{NDF}: 1197.3/30$

Out: 7.388 ± 0.230 $\chi^2/\text{NDF}: 944.8/32$

All: 7.573 ± 0.163 $\chi^2/\text{NDF}: 2143.4/63$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.703 $\pm$ 0.230 χ^2 /NDF: 837.3/14

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.526 $\pm$ 0.235 χ^2 /NDF: 798.5/13

Left: 87.127 $\pm$ 0.164 χ^2 /NDF: 1648.6/28

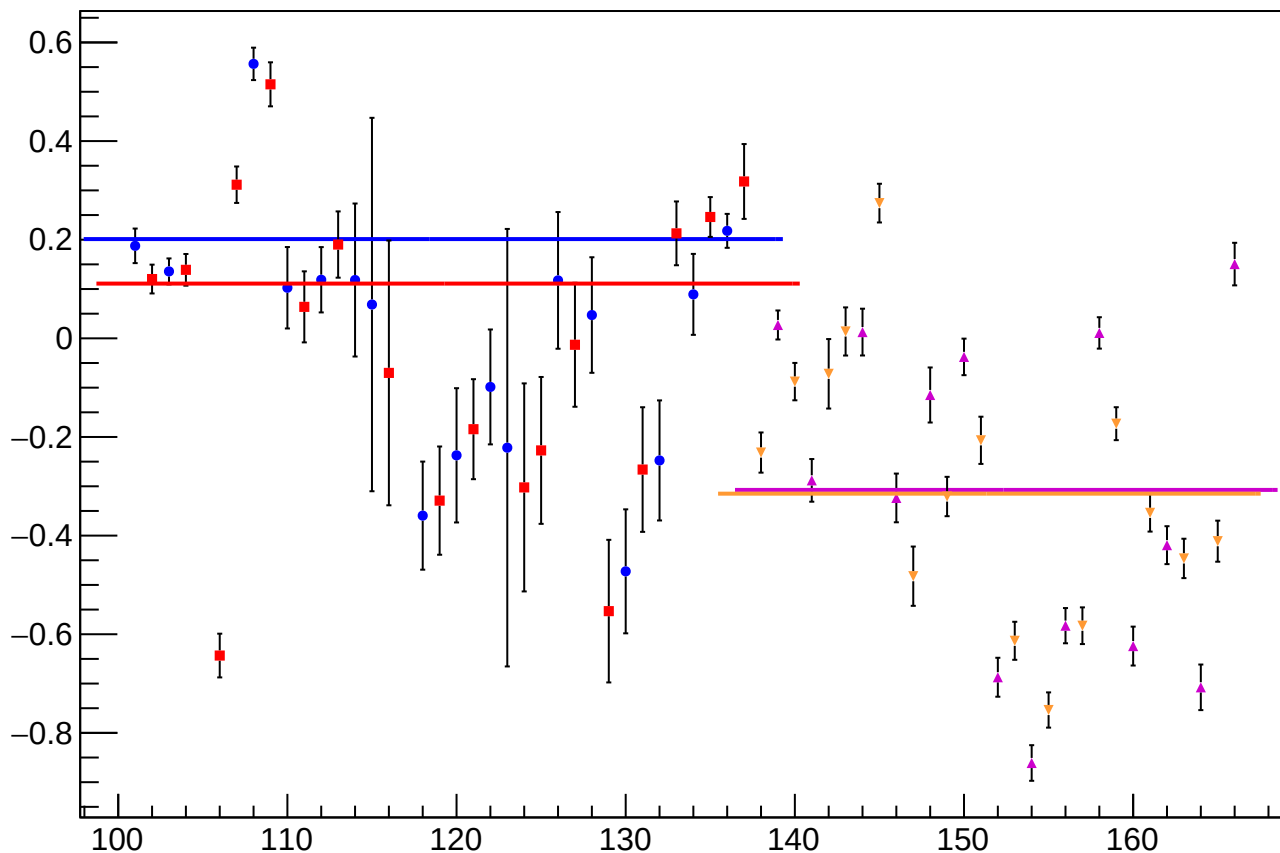
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 71.084 $\pm$ 0.186 χ^2 /NDF: 37315.7/30

Out: 71.896 $\pm$ 0.180 χ^2 /NDF: 40975.3/32

All: 71.502 $\pm$ 0.129 χ^2 /NDF: 78300.8/63

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.315 ± 0.011 $\chi^2/\text{NDF}: 633.4/14$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.307 ± 0.010 $\chi^2/\text{NDF}: 987.5/13$

Left: -0.311 ± 0.007 $\chi^2/\text{NDF}: 1621.1/28$

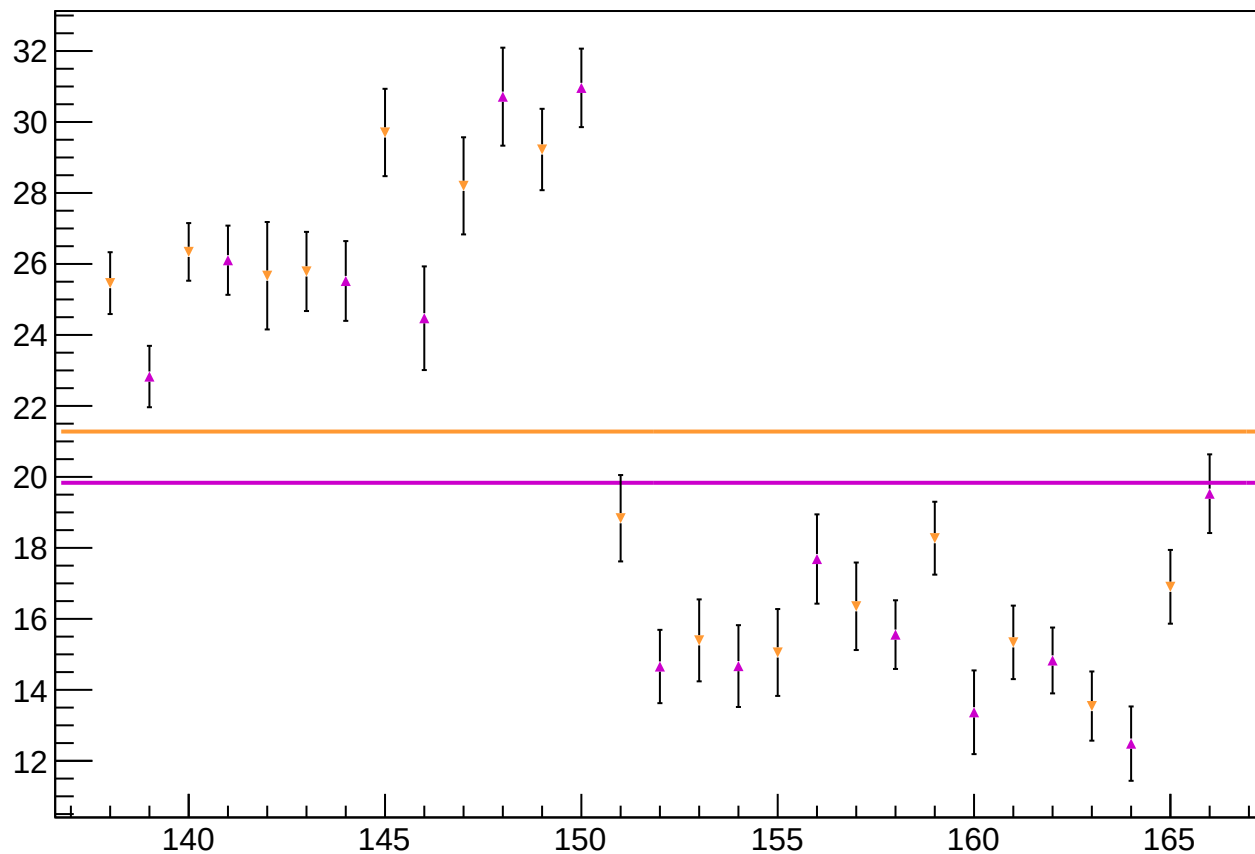
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: -0.125 ± 0.008 $\chi^2/\text{NDF}: 2047.1/30$

Out: -0.147 ± 0.008 $\chi^2/\text{NDF}: 1757.2/32$

All: -0.136 ± 0.006 $\chi^2/\text{NDF}: 3807.8/63$

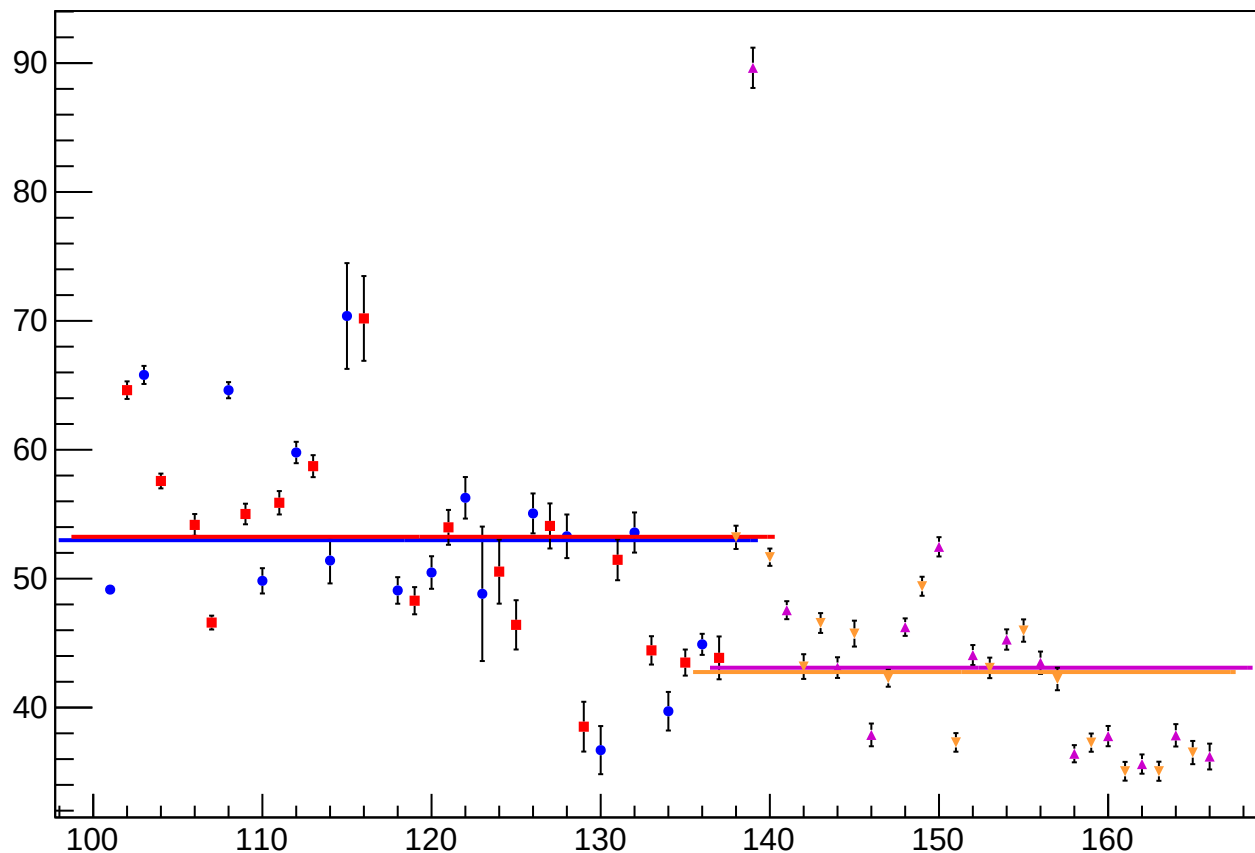
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.278+/-0.281 χ^2/NDF : 401.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.834+/-0.289 χ^2/NDF : 428.5/13

Left: 20.575+/-0.202 χ^2/NDF : 842.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.834+/-0.289 χ^2/NDF : 428.5/13
 Out: 21.278+/-0.281 χ^2/NDF : 401.2/14
 All: 20.575+/-0.202 χ^2/NDF : 842.5/28

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: 42.754 $\pm$ 0.202 χ^2 /NDF: 825.5/14

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 43.090 $\pm$ 0.214 χ^2 /NDF: 1480.0/13

Left: 42.913 $\pm$ 0.147 χ^2 /NDF: 2306.8/28

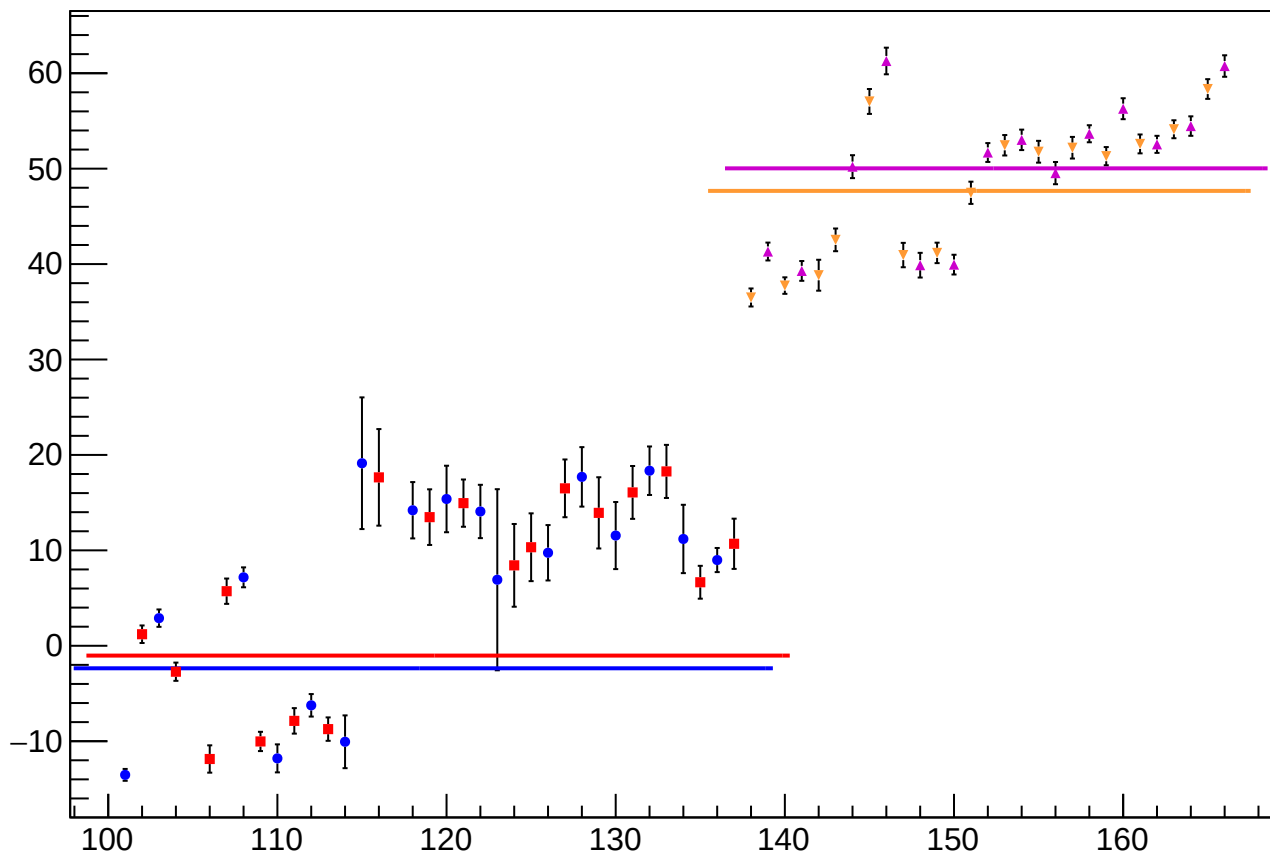
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 48.123 $\pm$ 0.150 χ^2 /NDF: 3765.6/30

Out: 47.387 $\pm$ 0.151 χ^2 /NDF: 2871.4/32

All: 47.758 $\pm$ 0.106 χ^2 /NDF: 6648.9/63

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: 47.669 ± 0.278 $\chi^2/\text{NDF}: 677.8/14$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 50.031 ± 0.283 $\chi^2/\text{NDF}: 592.9/13$

Left: 48.830 ± 0.198 $\chi^2/\text{NDF}: 1306.2/28$

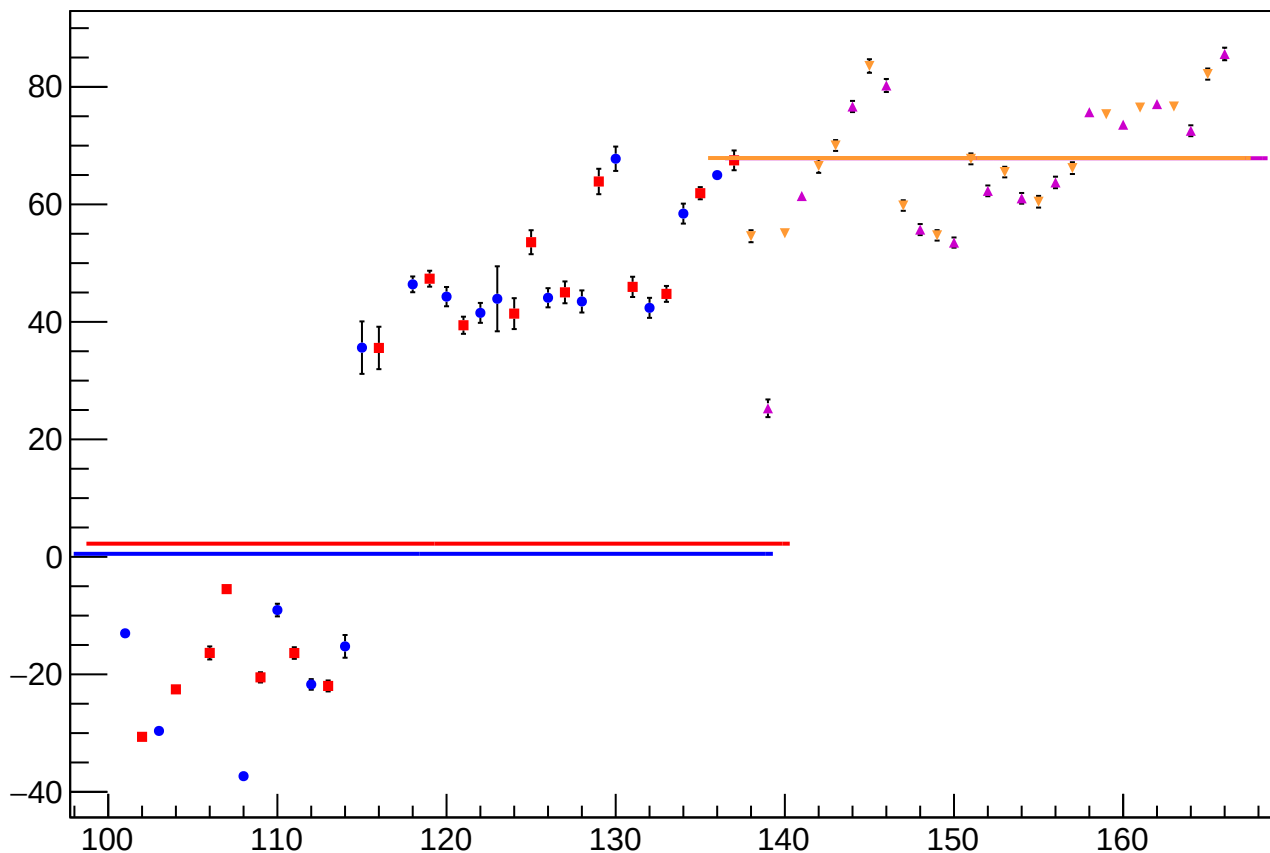
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 30.341 ± 0.223 $\chi^2/\text{NDF}: 14351.4/30$

Out: 30.724 ± 0.224 $\chi^2/\text{NDF}: 11879.4/32$

All: 30.531 ± 0.158 $\chi^2/\text{NDF}: 26232.3/63$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 67.892+/-0.234 χ^2/NDF :1552.1/14

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 67.856+/-0.244 χ^2/NDF :2230.3/13

Left: 67.875+/-0.169 χ^2/NDF : 3782.4/28

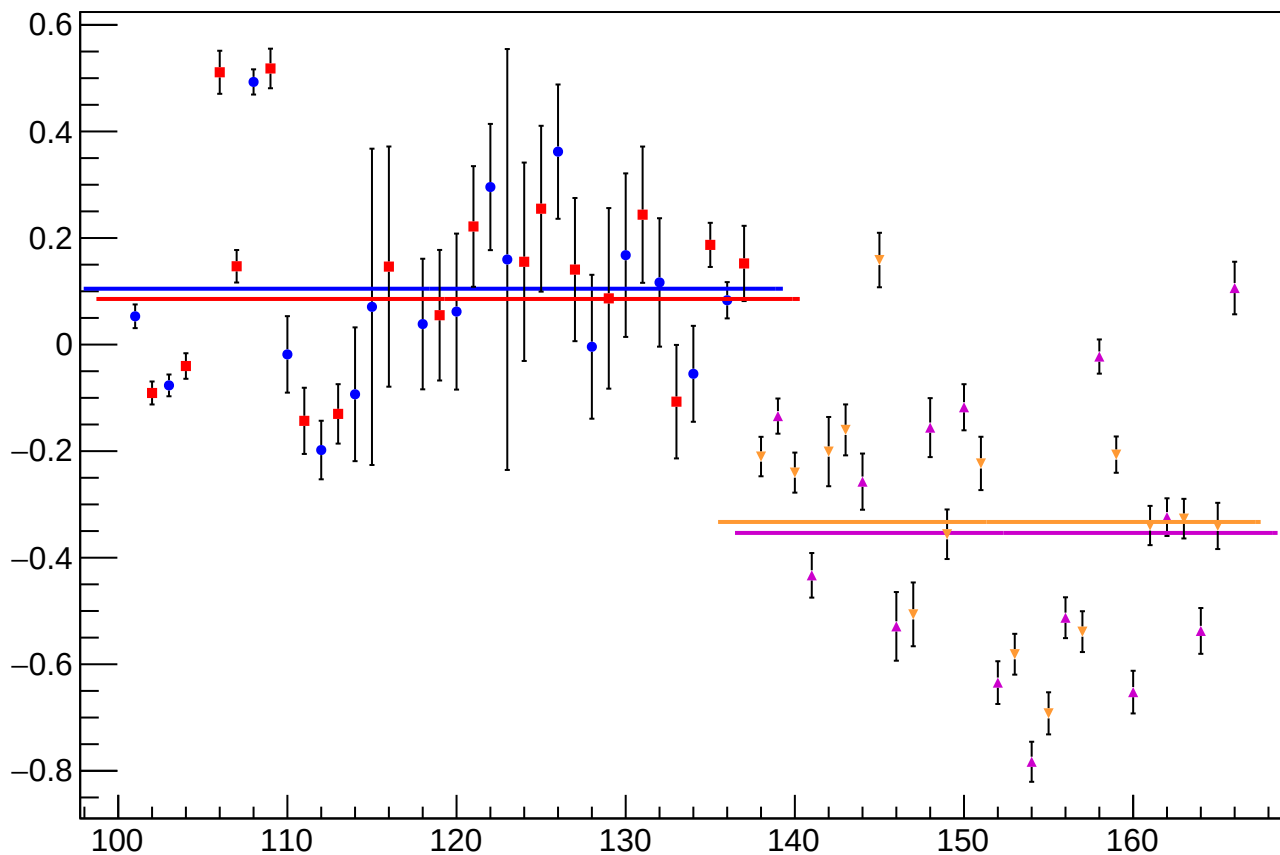
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 34.558+/-0.174 χ^2/NDF :58209.9/30

Out: 39.439+/-0.176 χ^2/NDF :51074.9/32

All: 36.965+/-0.124 χ^2/NDF : 109674.4/63

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.333 ± 0.011 $\chi^2/\text{NDF}: 307.5/14$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.354 ± 0.011 $\chi^2/\text{NDF}: 565.7/13$

Left: -0.343 ± 0.008 $\chi^2/\text{NDF}: 875.0/28$

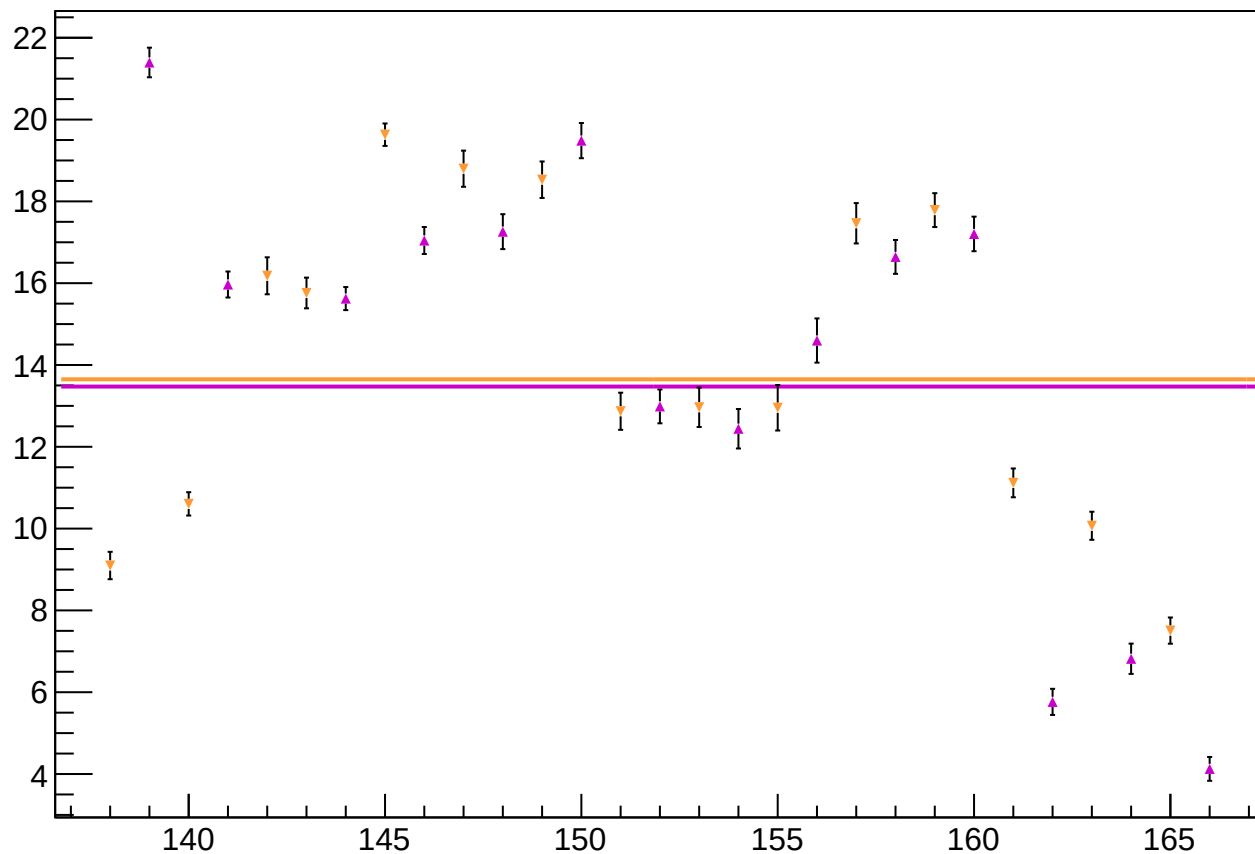
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.126 ± 0.008 $\chi^2/\text{NDF}: 1833.9/30$

Out: -0.128 ± 0.008 $\chi^2/\text{NDF}: 1423.9/32$

All: -0.127 ± 0.005 $\chi^2/\text{NDF}: 3257.8/63$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.650+/-0.097 χ^2/NDF :1787.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.473+/-0.098 χ^2/NDF :3072.1/13

Left: 13.562+/-0.069 χ^2/NDF : 4861.0/28

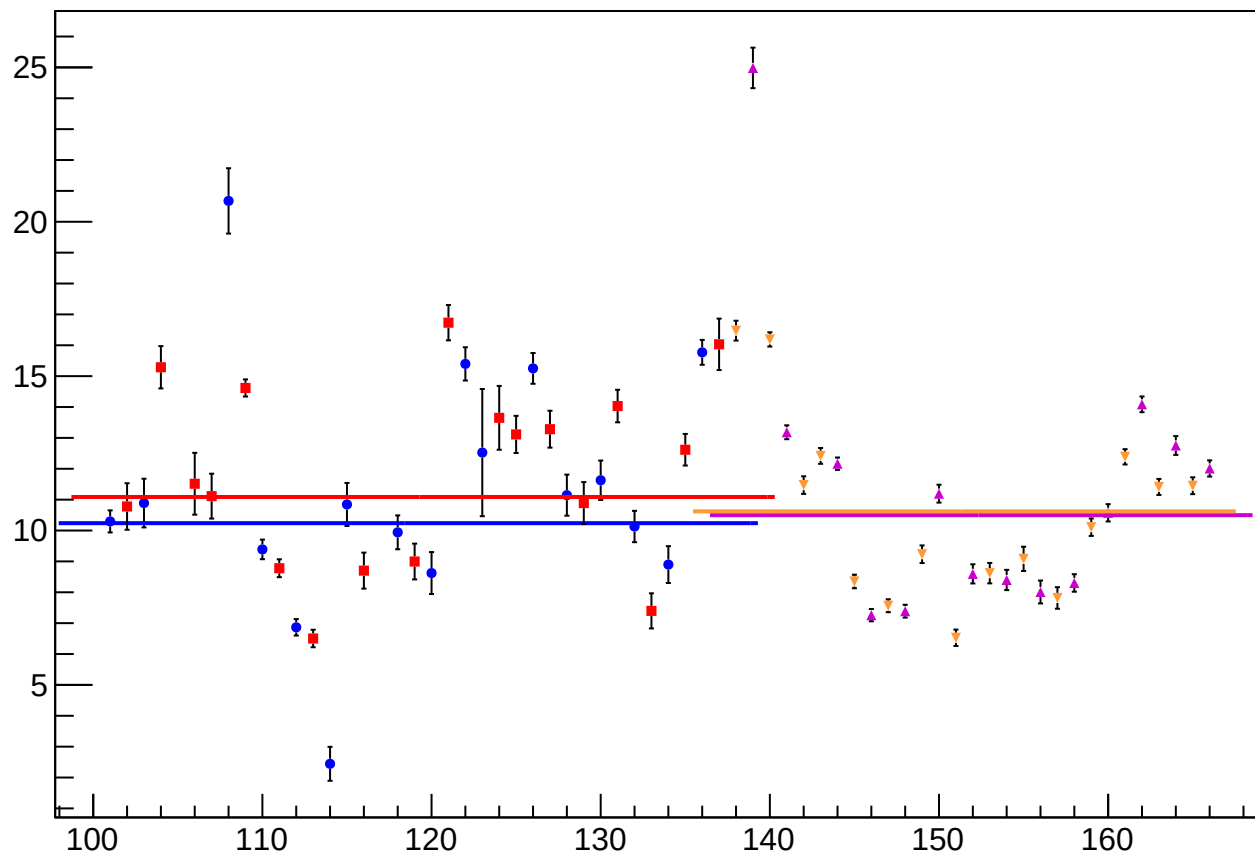
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.473+/-0.098 χ^2/NDF :3072.1/13

Out: 13.650+/-0.097 χ^2/NDF :1787.2/14

All: 13.562+/-0.069 χ^2/NDF : 4861.0/28

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.622+/-0.070 χ^2/NDF :1738.8/14

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 10.498+/-0.071 χ^2/NDF :1663.4/13

Left: 10.561+/-0.050 χ^2/NDF : 3403.7/28

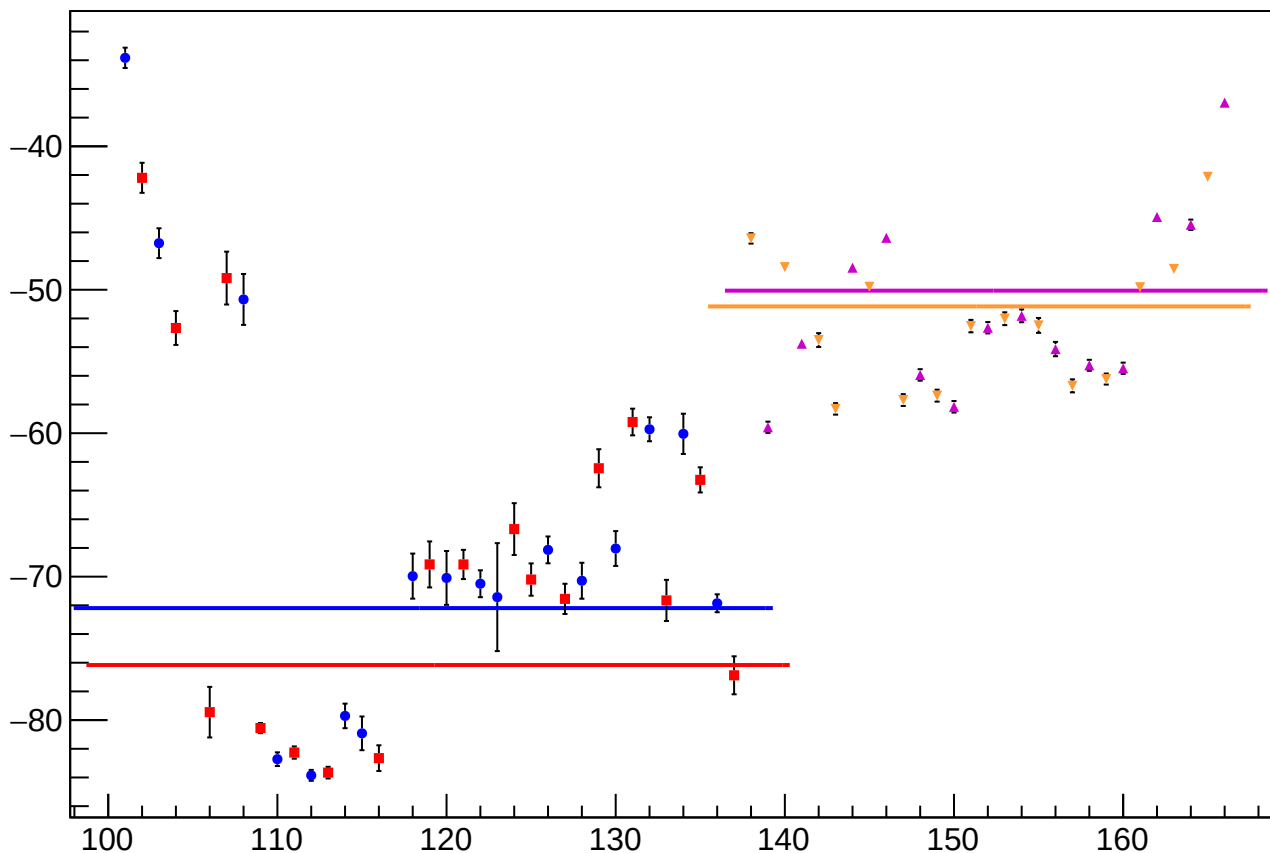
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.430+/-0.061 χ^2/NDF :2534.3/30

Out: 10.744+/-0.060 χ^2/NDF :2551.5/32

All: 10.590+/-0.043 χ^2/NDF : 5099.4/63

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -51.161 ± 0.097 χ^2/NDF : 2314.0/14

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -50.062 ± 0.097 χ^2/NDF : 4391.5/13

Left: -50.608 ± 0.069 χ^2/NDF : 6769.7/28

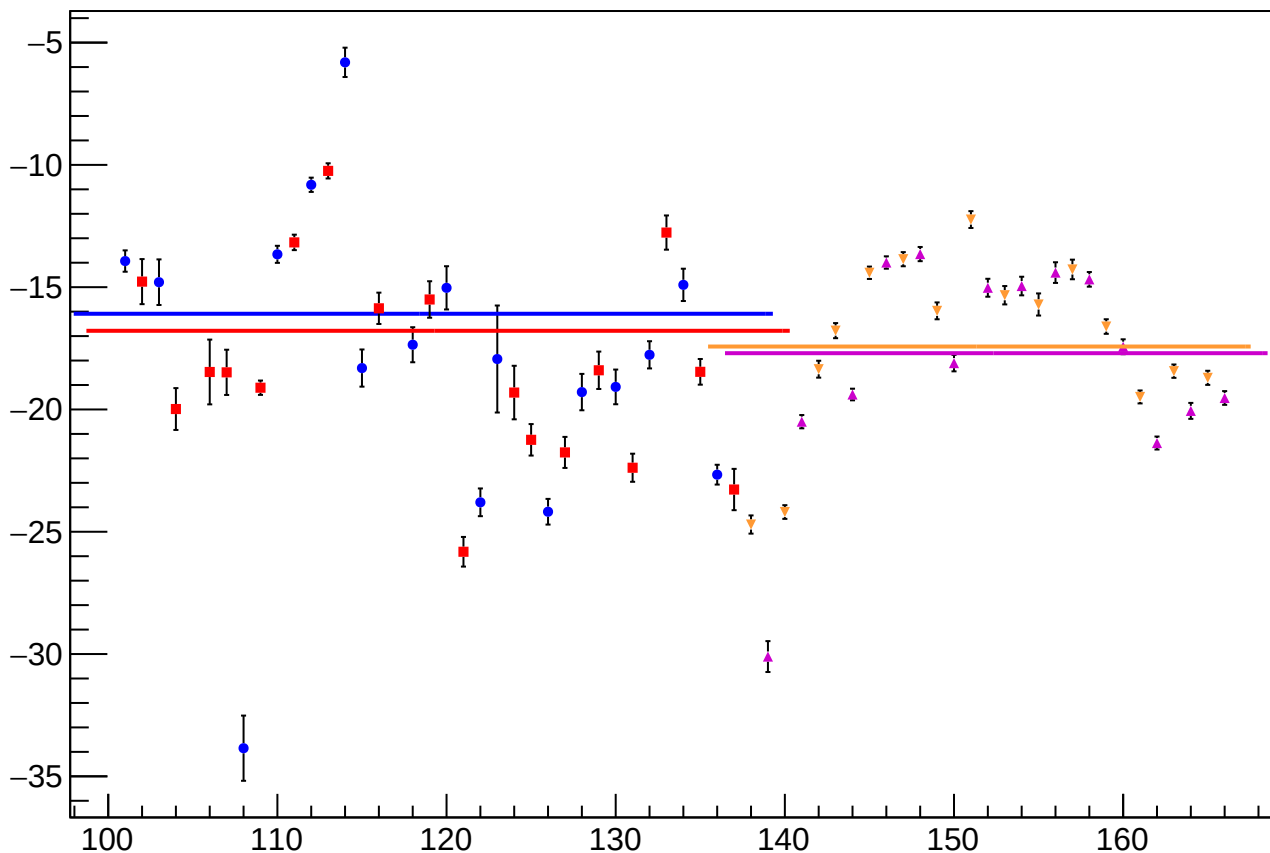
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -54.319 ± 0.087 χ^2/NDF : 20029.4/30

Out: -56.754 ± 0.086 χ^2/NDF : 20309.6/32

All: -55.553 ± 0.061 χ^2/NDF : 40736.6/63

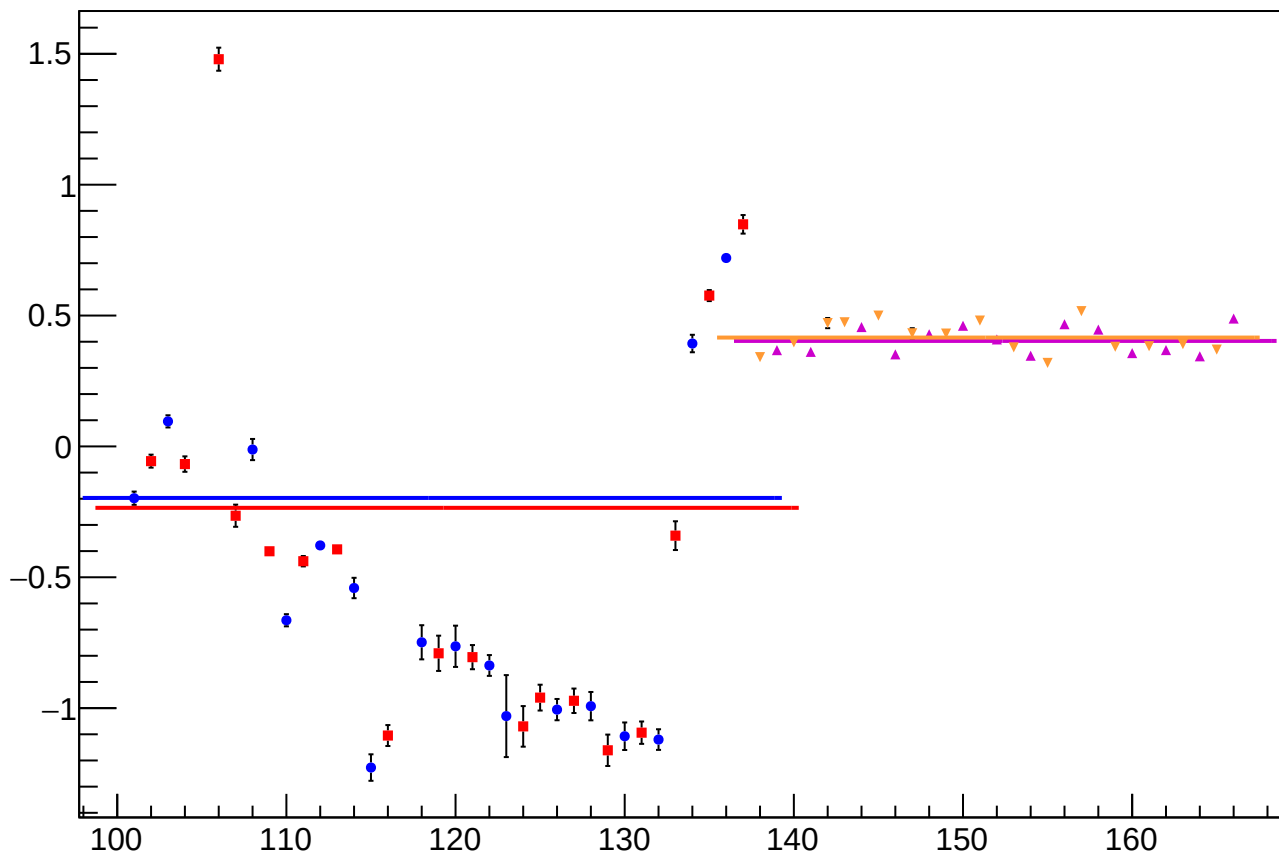
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.427 ± 0.081 $\chi^2/\text{NDF}: 1726.3/14$
 Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$
 Left In: -17.699 ± 0.082 $\chi^2/\text{NDF}: 1507.4/13$

Left: -17.561 ± 0.058 $\chi^2/\text{NDF}: 3239.2/28$
 Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$
 In: -17.251 ± 0.070 $\chi^2/\text{NDF}: 3236.2/30$
 Out: -17.243 ± 0.068 $\chi^2/\text{NDF}: 2948.7/32$
 All: -17.247 ± 0.049 $\chi^2/\text{NDF}: 6184.9/63$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/14

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.403 ± 0.004 χ^2/NDF : 173.5/13

Left: 0.410 ± 0.003 χ^2/NDF : 403.3/28

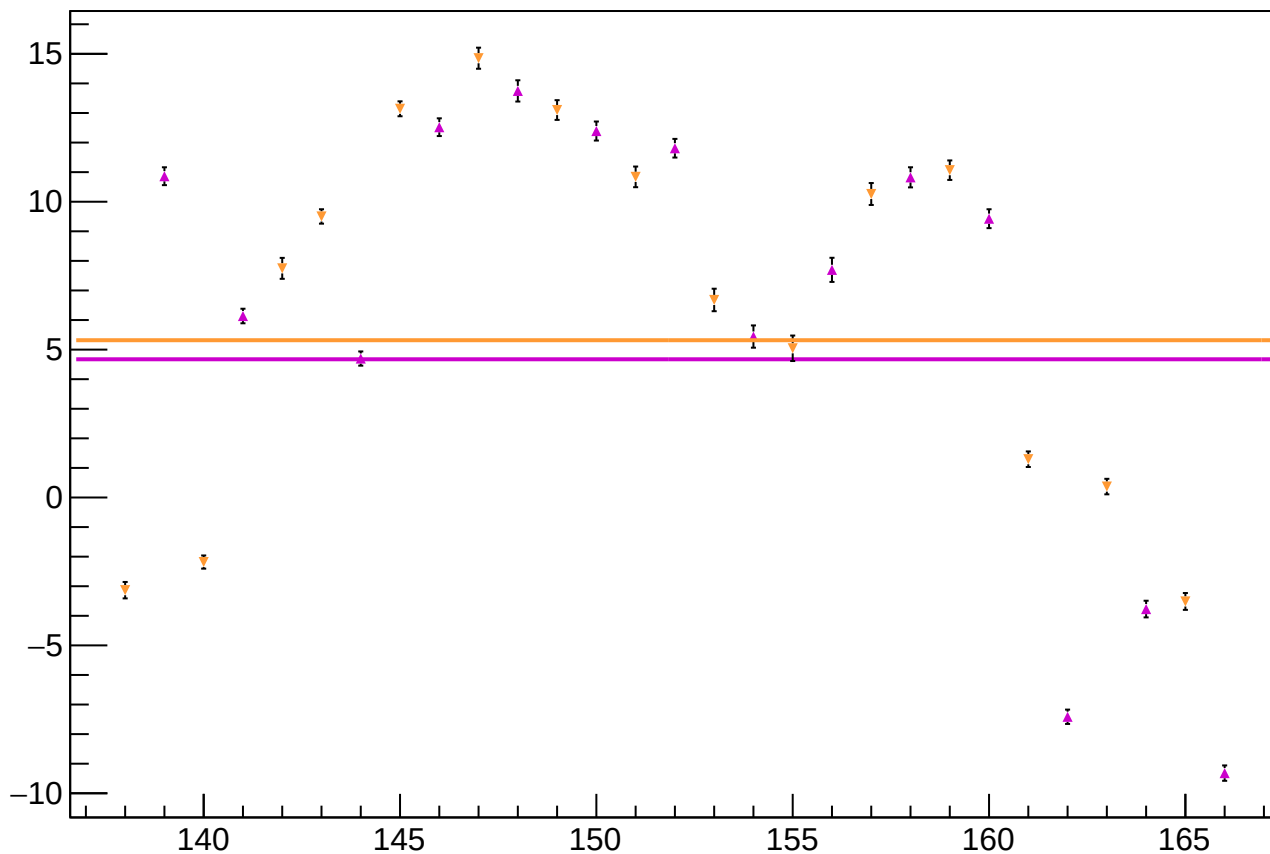
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.278 ± 0.003 χ^2/NDF : 11504.7/30

Out: 0.271 ± 0.003 χ^2/NDF : 12796.2/32

All: 0.275 ± 0.002 χ^2/NDF : 24303.1/63

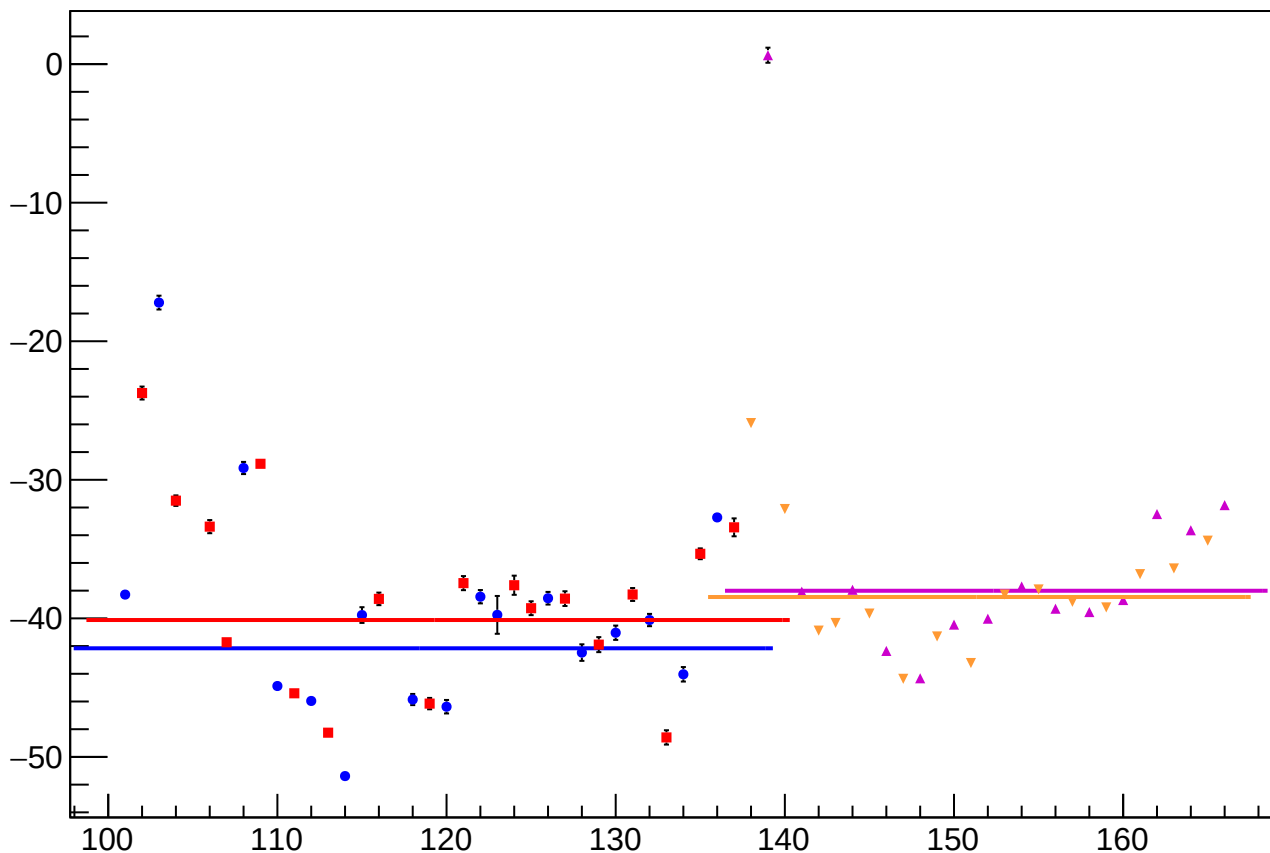
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.318+/-0.077 χ^2/NDF :6922.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.673+/-0.079 χ^2/NDF :9760.5/13

Left: 5.005+/-0.055 χ^2/NDF : 16717.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.673+/-0.079 χ^2/NDF :9760.5/13
 Out: 5.318+/-0.077 χ^2/NDF :6922.8/14
 All: 5.005+/-0.055 χ^2/NDF : 16717.3/28

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.460 ± 0.055 χ^2/NDF : 6083.0/14

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -38.008 ± 0.058 χ^2/NDF : 9009.9/13

Left: -38.245 ± 0.040 χ^2/NDF : 15125.4/28

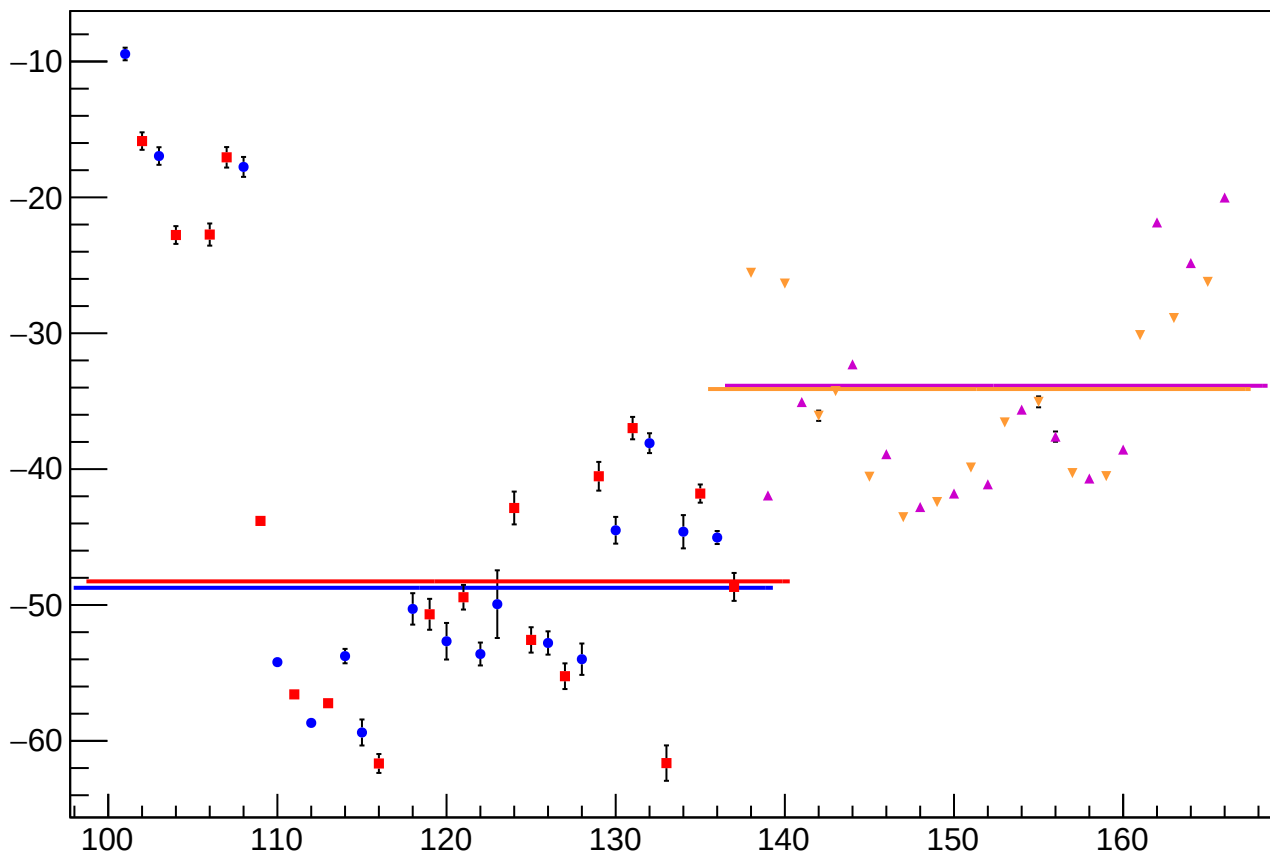
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -39.472 ± 0.046 χ^2/NDF : 17419.0/30

Out: -39.058 ± 0.044 χ^2/NDF : 17299.8/32

All: -39.253 ± 0.032 χ^2/NDF : 34761.1/63

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: -34.106 ± 0.077 $\chi^2/\text{NDF}: 6572.0/14$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -33.865 ± 0.078 $\chi^2/\text{NDF}: 10274.1/13$

Left: -33.987 ± 0.055 $\chi^2/\text{NDF}: 16850.9/28$

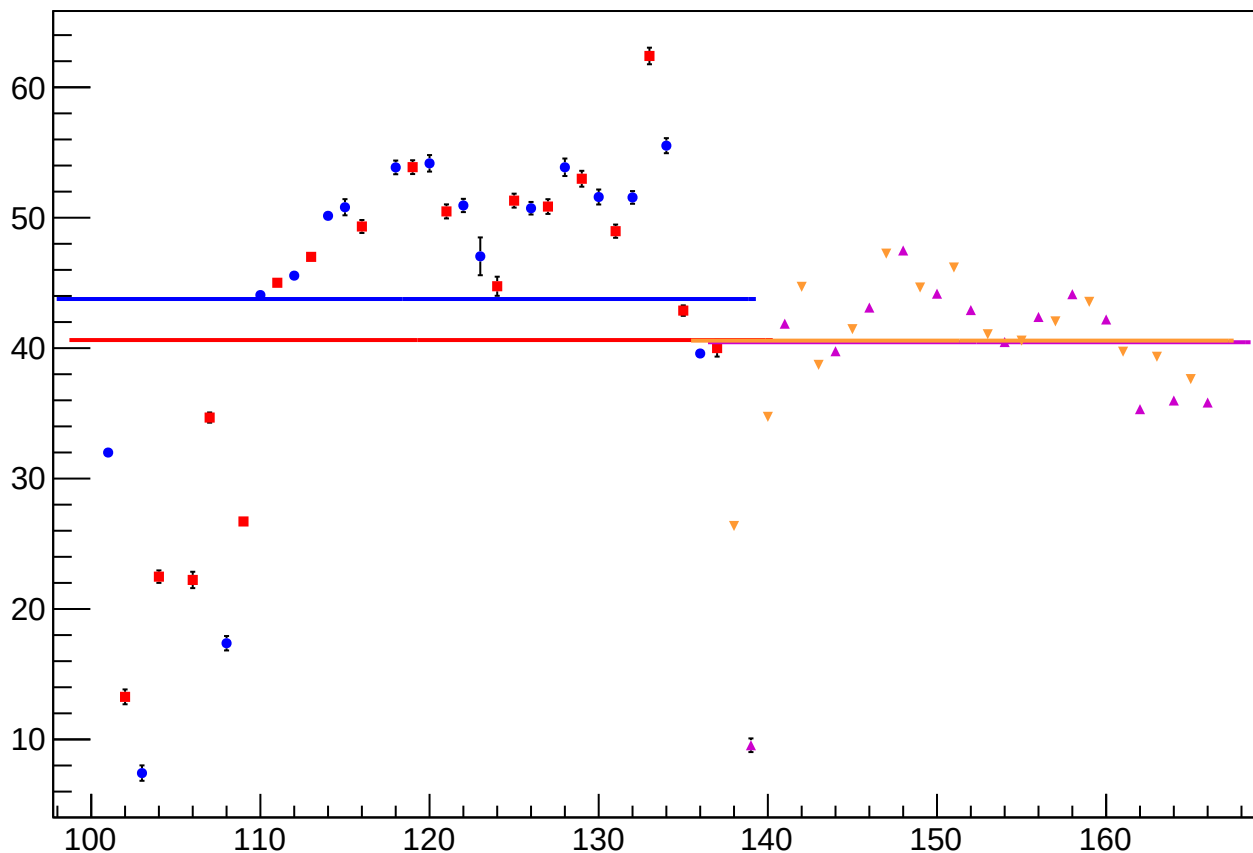
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -38.043 ± 0.066 $\chi^2/\text{NDF}: 35157.9/30$

Out: -38.882 ± 0.062 $\chi^2/\text{NDF}: 29164.3/32$

All: -38.487 ± 0.045 $\chi^2/\text{NDF}: 64407.5/63$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.577 $\pm$ 0.064 χ^2 /NDF: 5014.0/14

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 40.453 $\pm$ 0.066 χ^2 /NDF: 6409.6/13

Left: 40.517 $\pm$ 0.046 χ^2 /NDF: 11425.4/28

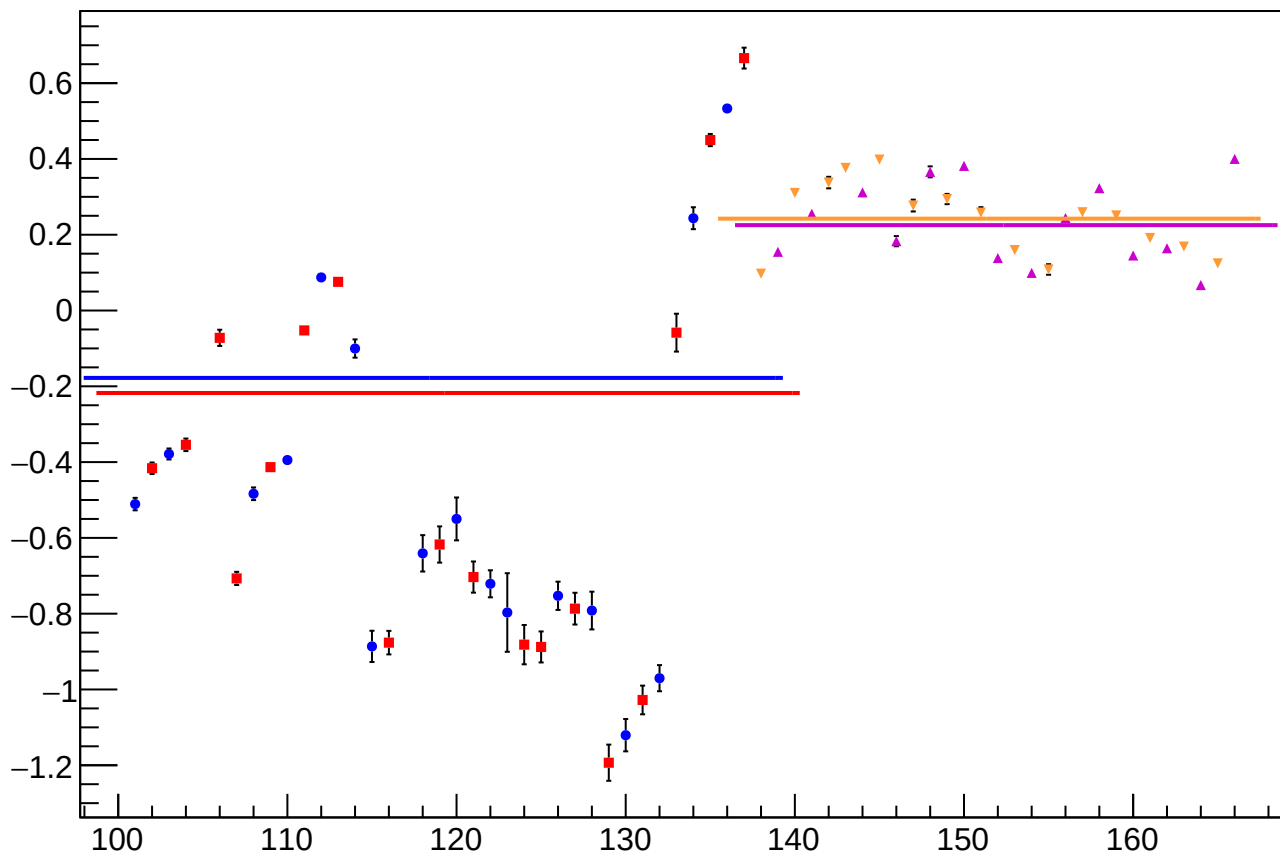
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 41.675 $\pm$ 0.053 χ^2 /NDF: 17963.1/30

Out: 40.594 $\pm$ 0.050 χ^2 /NDF: 21971.5/32

All: 41.104 $\pm$ 0.036 χ^2 /NDF: 40156.6/63

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.242 ± 0.003 χ^2/NDF : 956.8/14

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.225 ± 0.003 χ^2/NDF : 1110.1/13

Left: 0.234 ± 0.002 χ^2/NDF : 2082.4/28

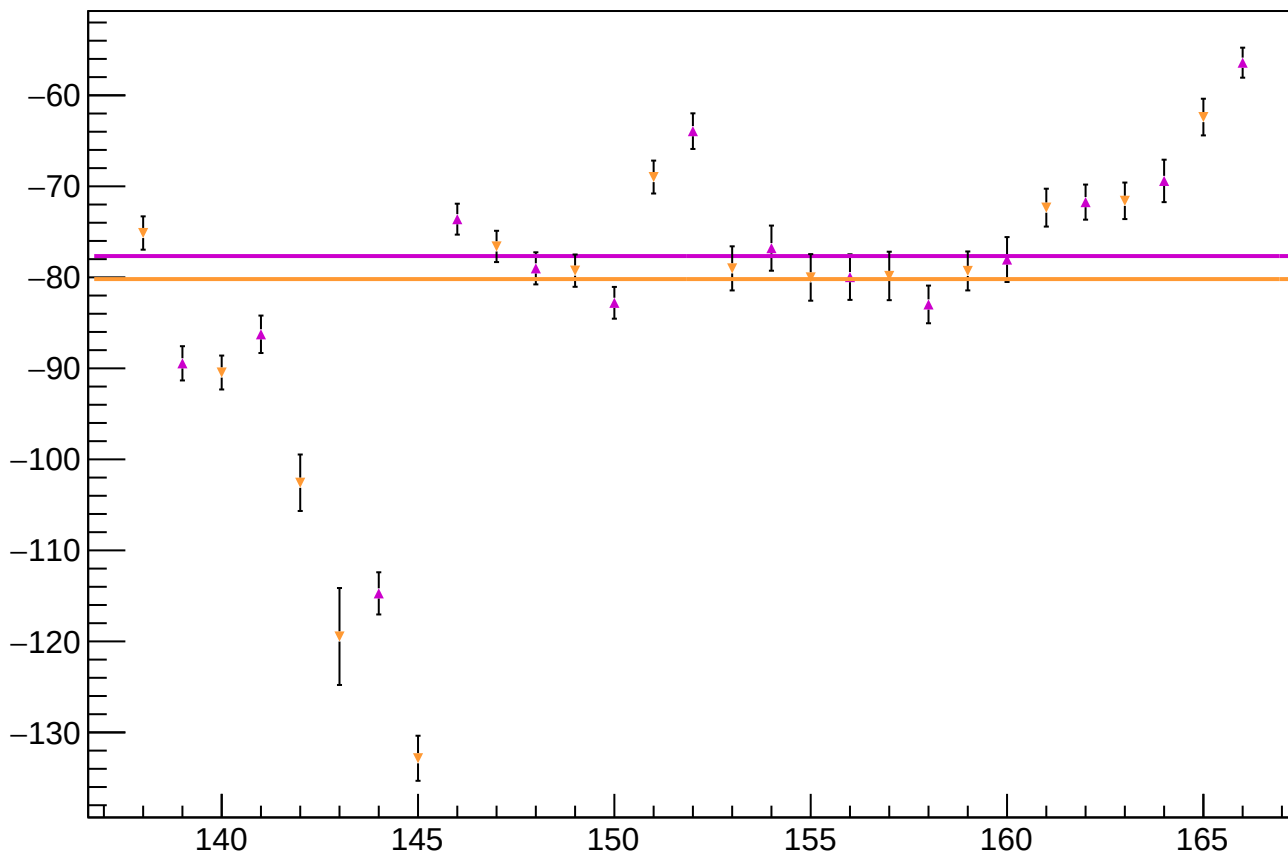
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.108 ± 0.003 χ^2/NDF : 13390.1/30

Out: 0.090 ± 0.002 χ^2/NDF : 16029.2/32

All: 0.099 ± 0.002 χ^2/NDF : 29443.4/63

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



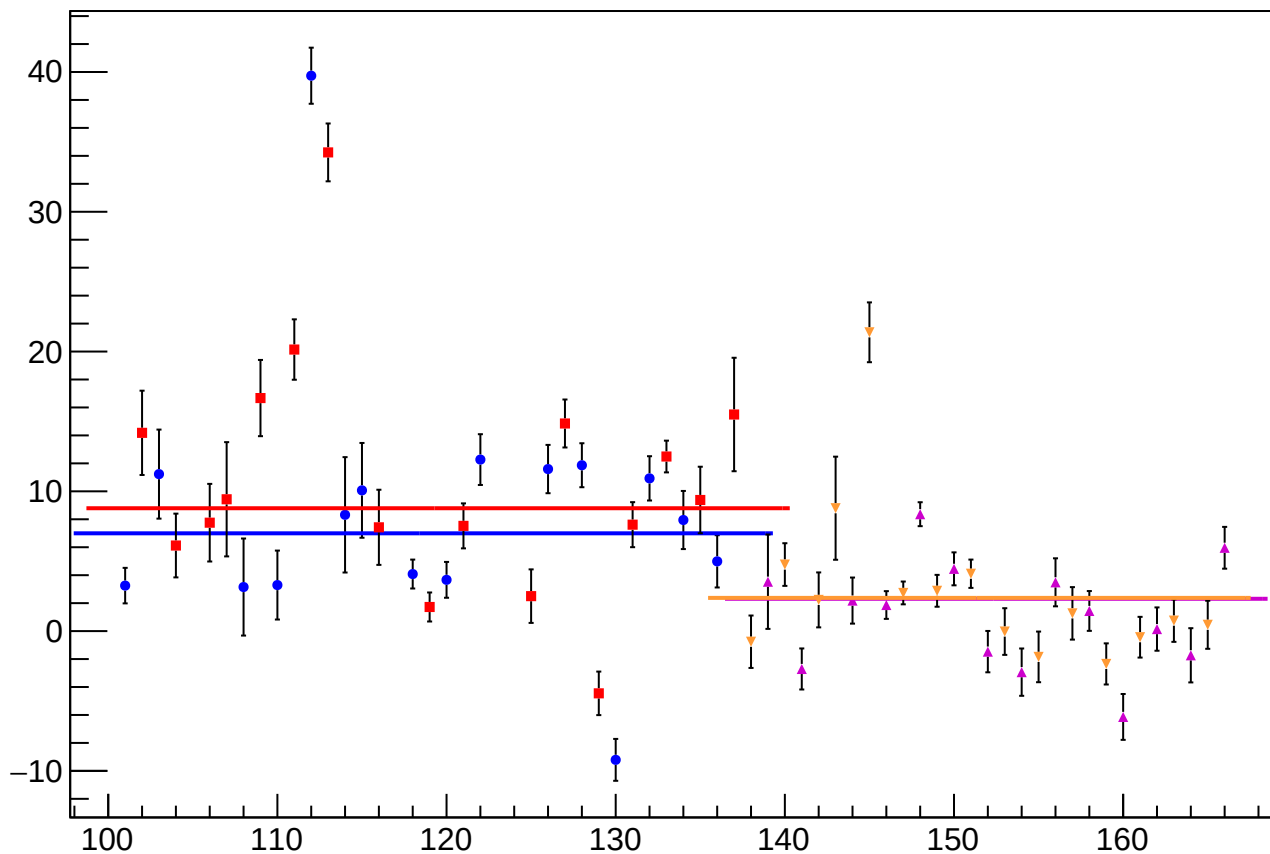
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -80.191 ± 0.554 $\chi^2/\text{NDF}: 750.8/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -77.661 ± 0.534 $\chi^2/\text{NDF}: 572.0/13$

Left: -78.881 ± 0.385 $\chi^2/\text{NDF}: 1333.6/28$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -77.661 ± 0.534 $\chi^2/\text{NDF}: 572.0/13$
 Out: -80.191 ± 0.554 $\chi^2/\text{NDF}: 750.8/14$

All: -78.881 ± 0.385 $\chi^2/\text{NDF}: 1333.6/28$

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.376 $\pm$ 0.374 χ^2 /NDF:114.7/14

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.312 $\pm$ 0.374 χ^2 /NDF:121.1/13

Left: 2.344 $\pm$ 0.264 χ^2 /NDF: 235.8/28

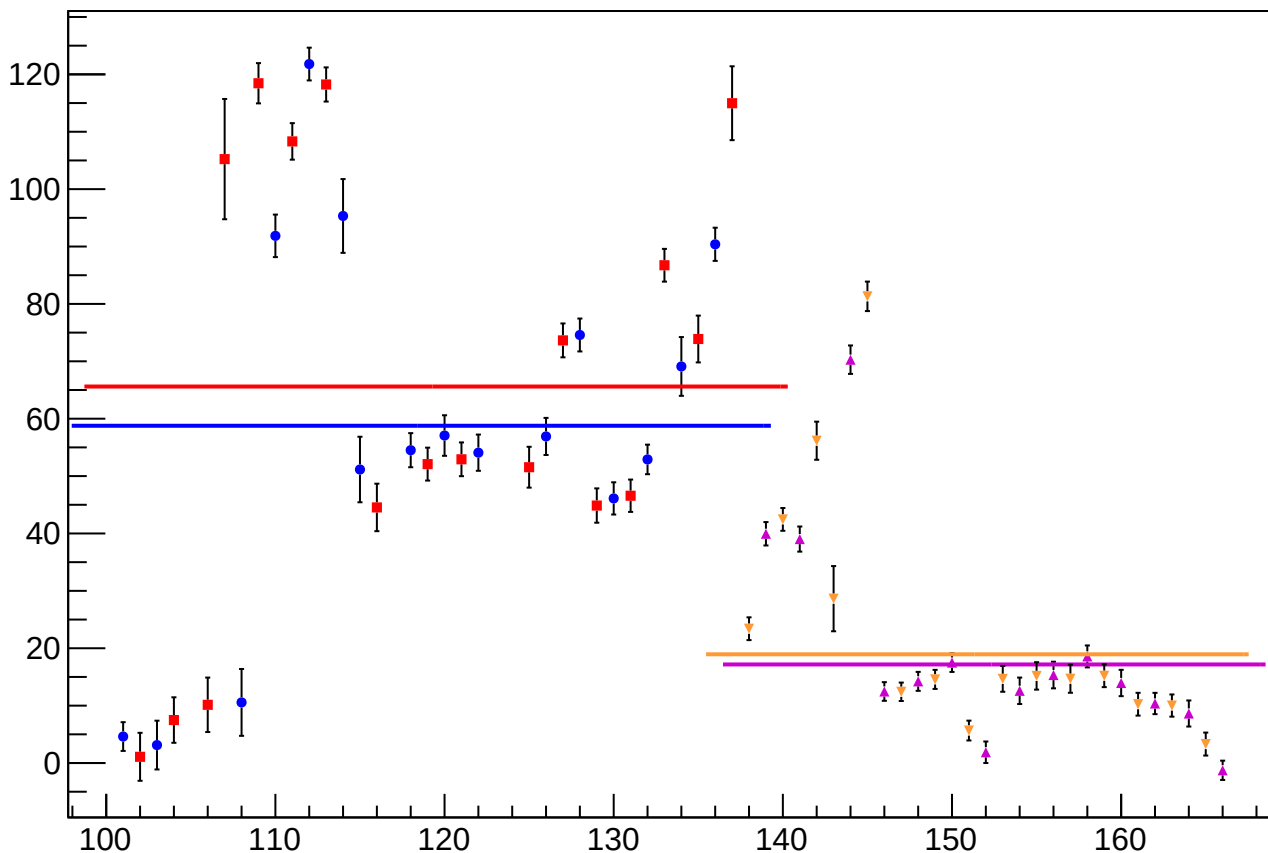
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.305 $\pm$ 0.283 χ^2 /NDF:633.3/29

Out: 4.996 $\pm$ 0.287 χ^2 /NDF:584.0/31

All: 4.646 $\pm$ 0.202 χ^2 /NDF: 1220.2/61

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: 18.946 $\pm$ 0.540 χ^2 /NDF:1060.3/14

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 17.176 $\pm$ 0.520 χ^2 /NDF:917.2/13

Left: 18.029 $\pm$ 0.375 χ^2 /NDF: 1983.0/28

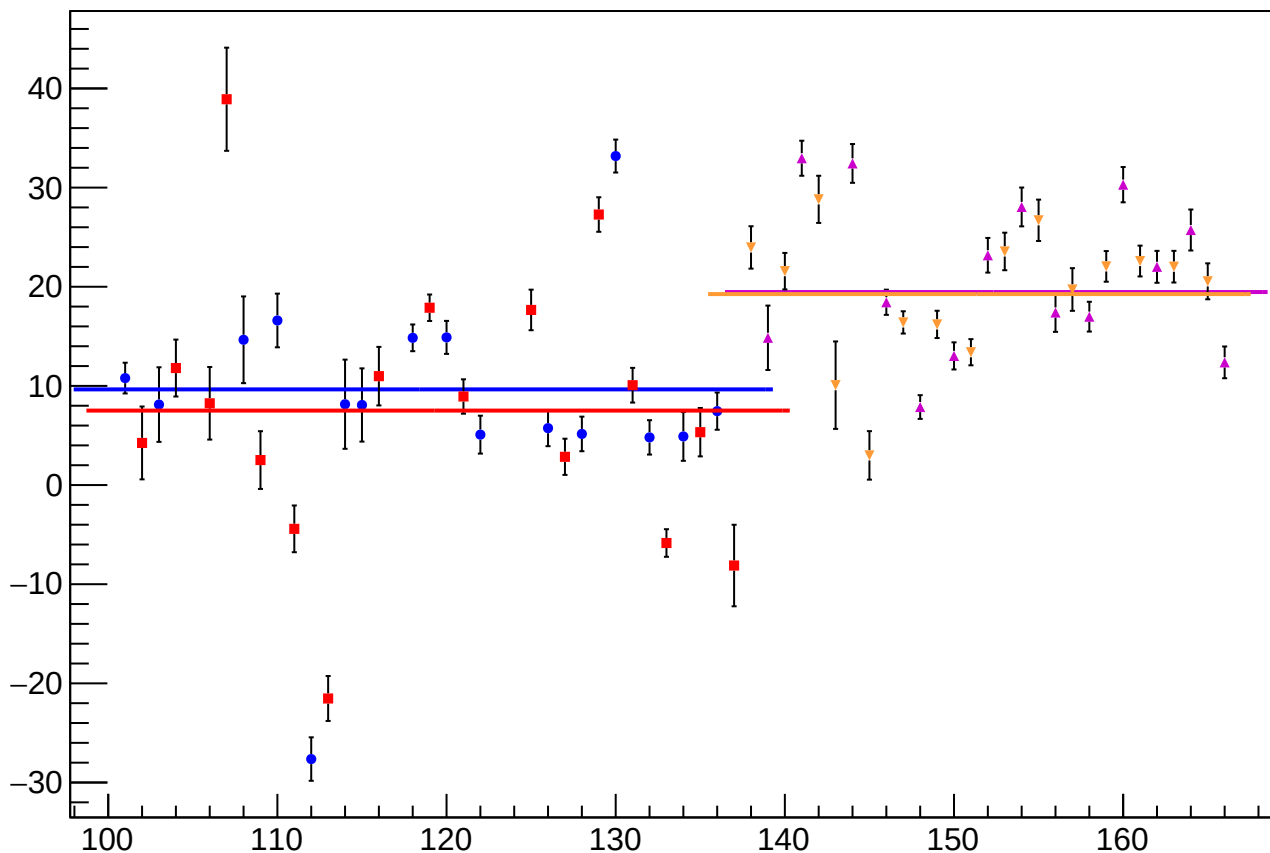
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 28.853 $\pm$ 0.441 χ^2 /NDF:4204.2/29

Out: 32.477 $\pm$ 0.455 χ^2 /NDF:4851.9/31

All: 30.610 $\pm$ 0.317 χ^2 /NDF: 9088.8/61

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: 19.260 ± 0.445 $\chi^2/\text{NDF}: 131.6/14$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.466 ± 0.441 $\chi^2/\text{NDF}: 317.1/13$

Left: 19.364 ± 0.313 $\chi^2/\text{NDF}: 448.8/28$

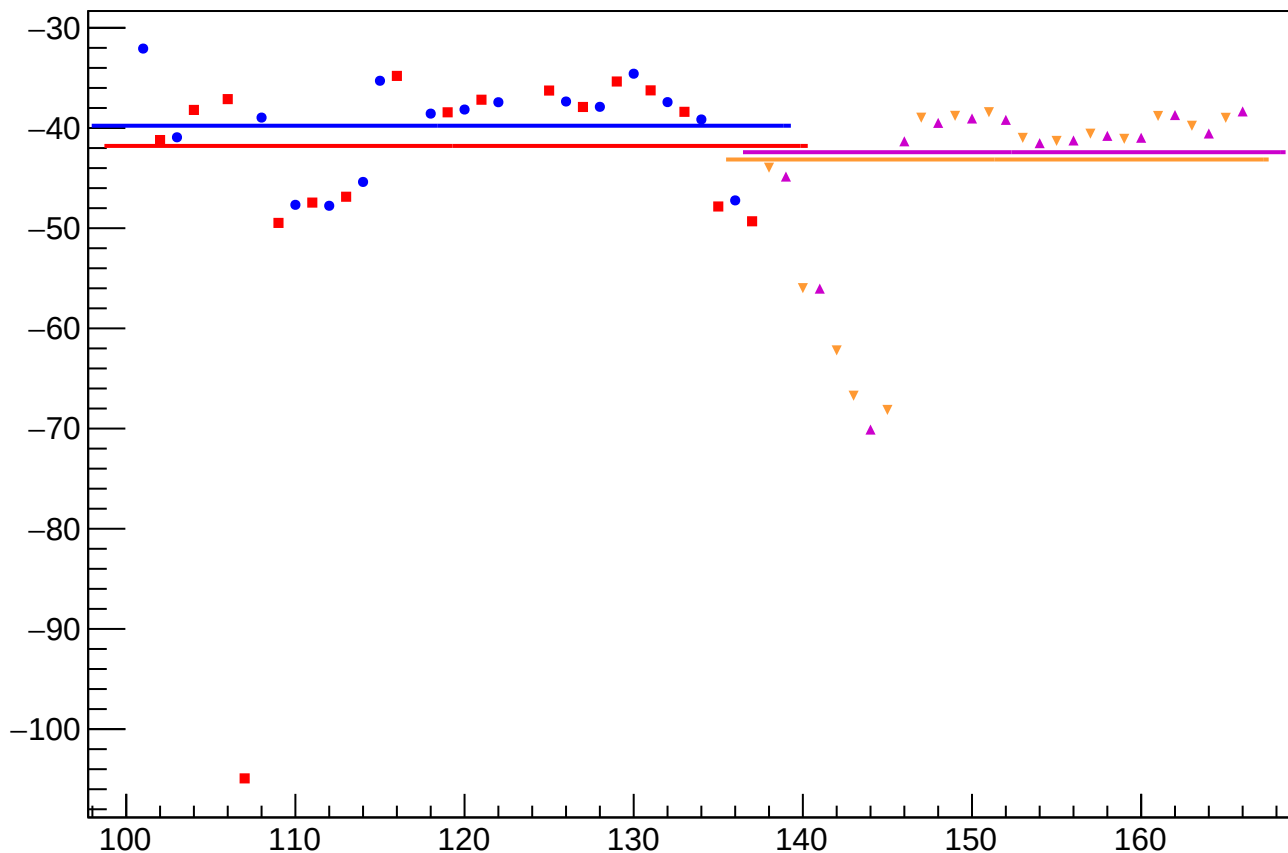
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.194 ± 0.331 $\chi^2/\text{NDF}: 1086.7/29$

Out: 14.259 ± 0.337 $\chi^2/\text{NDF}: 993.1/31$

All: 14.735 ± 0.236 $\chi^2/\text{NDF}: 2083.8/61$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.142 ± 0.022 χ^2/NDF : 135218.3/14

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -42.414 ± 0.021 χ^2/NDF : 102921.6/13

Left: -42.765 ± 0.015 χ^2/NDF : 238734.2/28

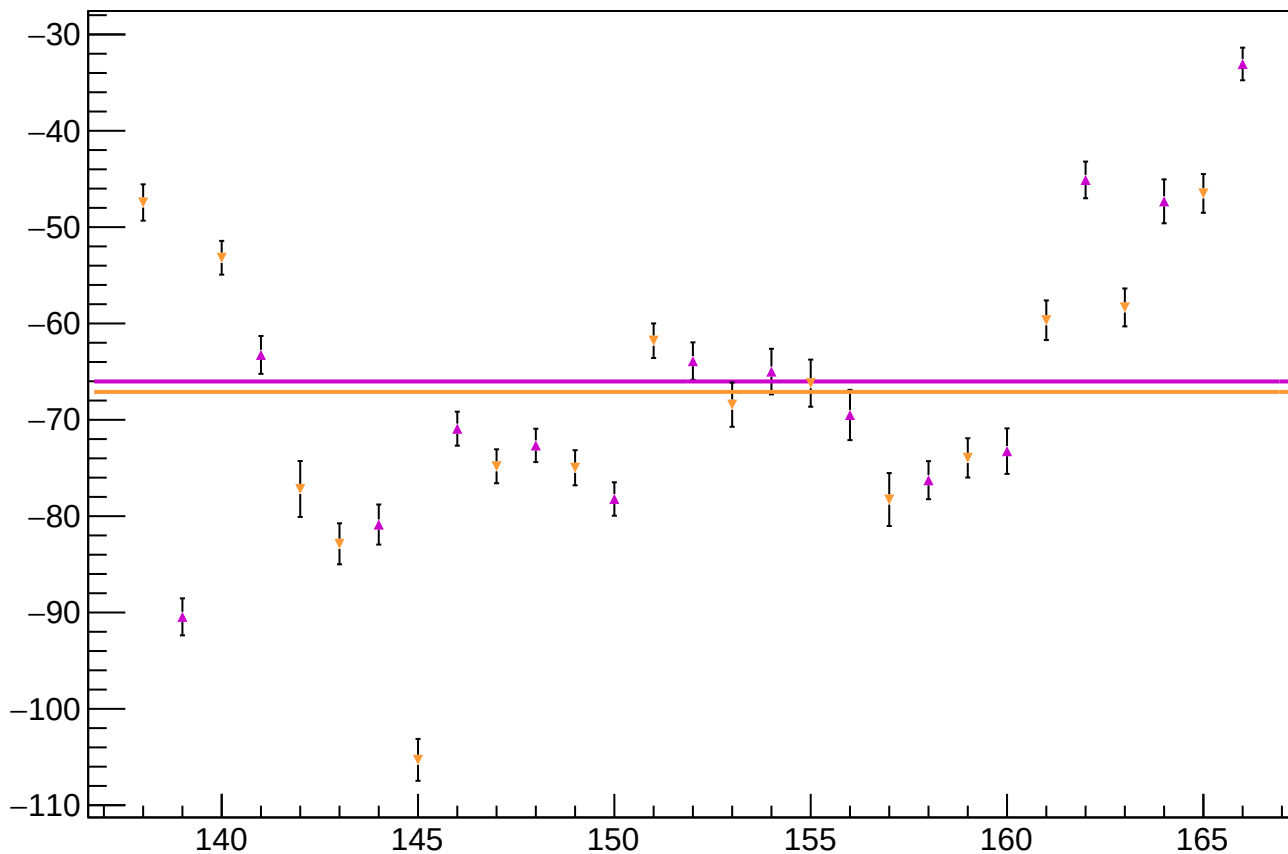
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -41.599 ± 0.017 χ^2/NDF : 134091.7/29

Out: -42.710 ± 0.018 χ^2/NDF : 229495.0/31

All: -42.139 ± 0.012 χ^2/NDF : 365597.0/61

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



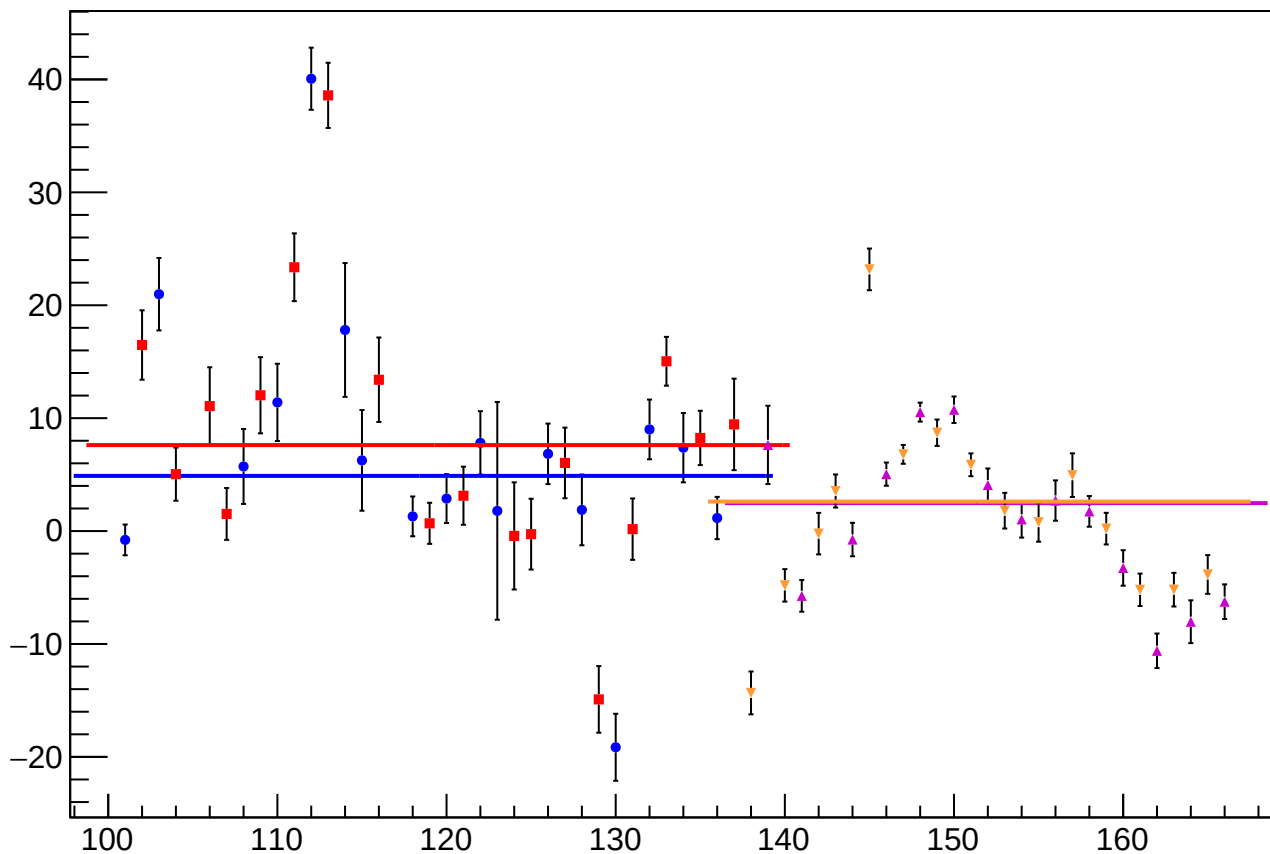
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -67.104+/-0.530 χ^2/NDF : 760.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -66.018+/-0.528 χ^2/NDF : 892.9/13

Left: -66.559+/-0.374 χ^2/NDF : 1655.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -66.018+/-0.528 χ^2/NDF : 892.9/13
 Out: -67.104+/-0.530 χ^2/NDF : 760.5/14

All: -66.559+/-0.374 χ^2/NDF : 1655.5/28

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: 2.612 $\pm$ 0.359 χ^2/NDF :373.3/14

Right Out: 7.615 $\pm$ 0.652 χ^2/NDF : 269.2/17

Left In: 2.474 $\pm$ 0.368 χ^2/NDF :341.2/13

Left: 2.545 $\pm$ 0.257 χ^2/NDF : 714.6/28

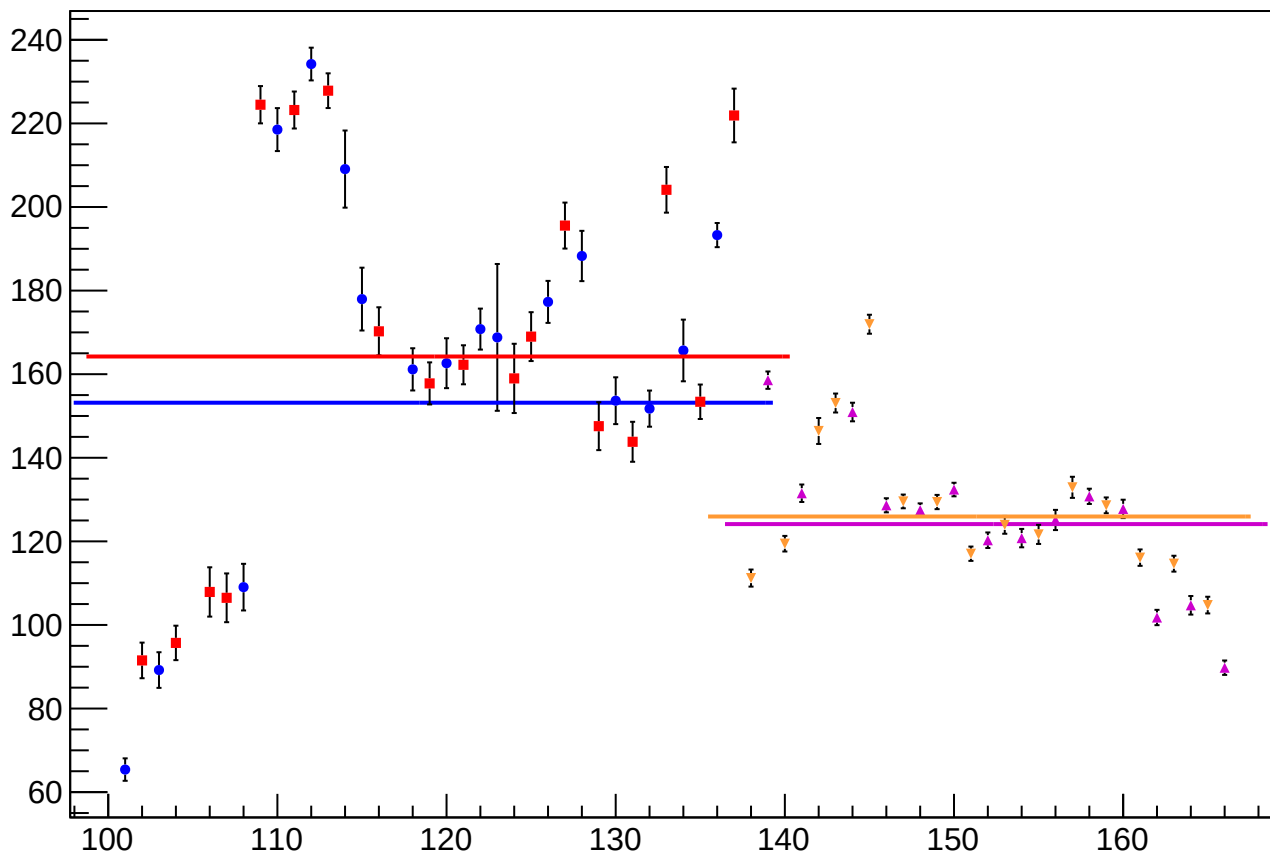
Right: 6.187 $\pm$ 0.450 χ^2/NDF : 573.1/34

In: 3.100 $\pm$ 0.317 χ^2/NDF :647.1/30

Out: 3.775 $\pm$ 0.315 χ^2/NDF :687.6/32

All: 3.440 $\pm$ 0.223 χ^2/NDF : 1337.0/63

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 125.948+/-0.519 χ^2/NDF : 884.6/14

Right Out: 164.232+/-1.183 χ^2/NDF : 1554.8/17

Left In: 124.133+/-0.514 χ^2/NDF : 1114.9/13

Left: 125.031+/-0.365 χ^2/NDF : 2005.7/28

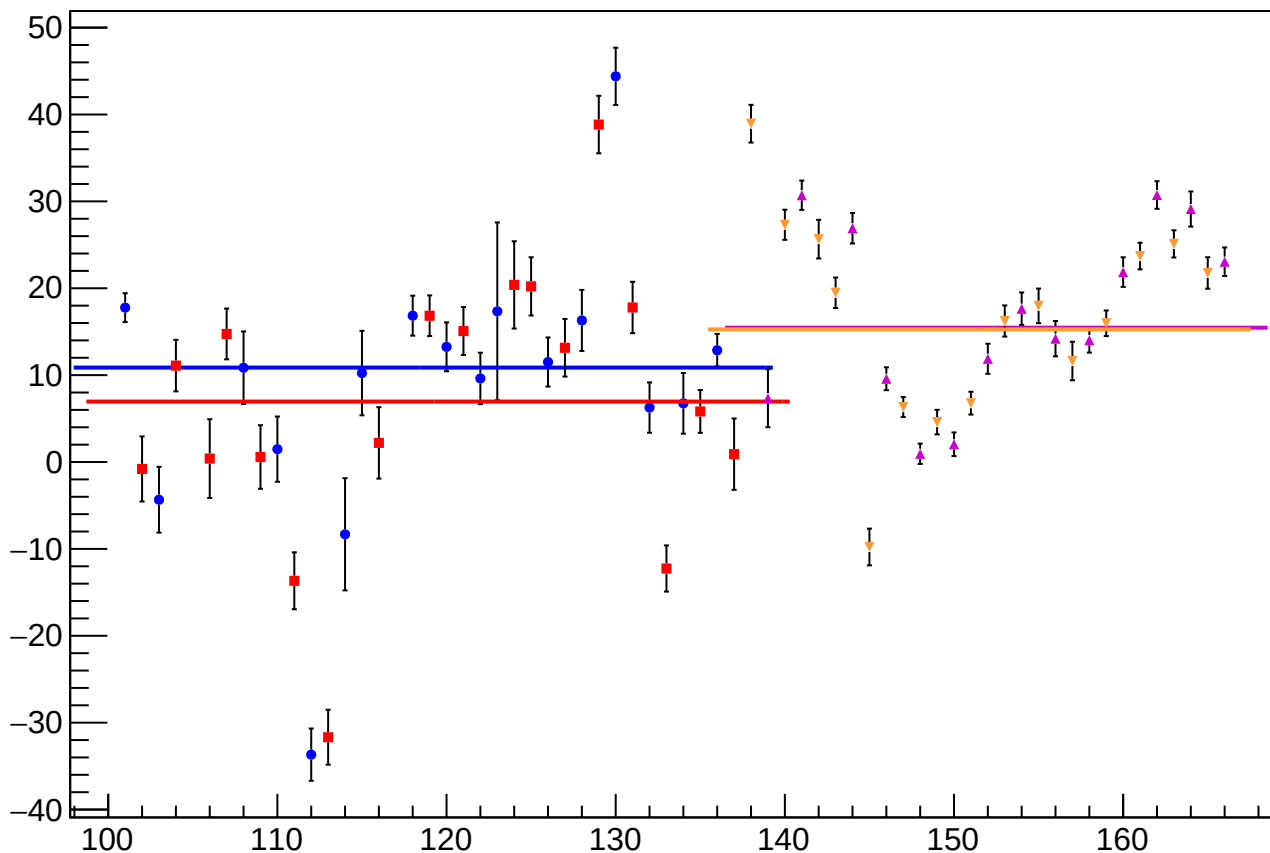
Right: 158.528+/-0.823 χ^2/NDF : 3864.1/34

In: 128.995+/-0.469 χ^2/NDF : 3913.5/30

Out: 132.129+/-0.475 χ^2/NDF : 3317.3/32

All: 130.541+/-0.334 χ^2/NDF : 7252.8/63

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: 15.265 $\pm$ 0.426 χ^2 /NDF: 582.4/14

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.462 $\pm$ 0.434 χ^2 /NDF: 580.6/13

Left: 15.362 $\pm$ 0.304 χ^2 /NDF: 1163.1/28

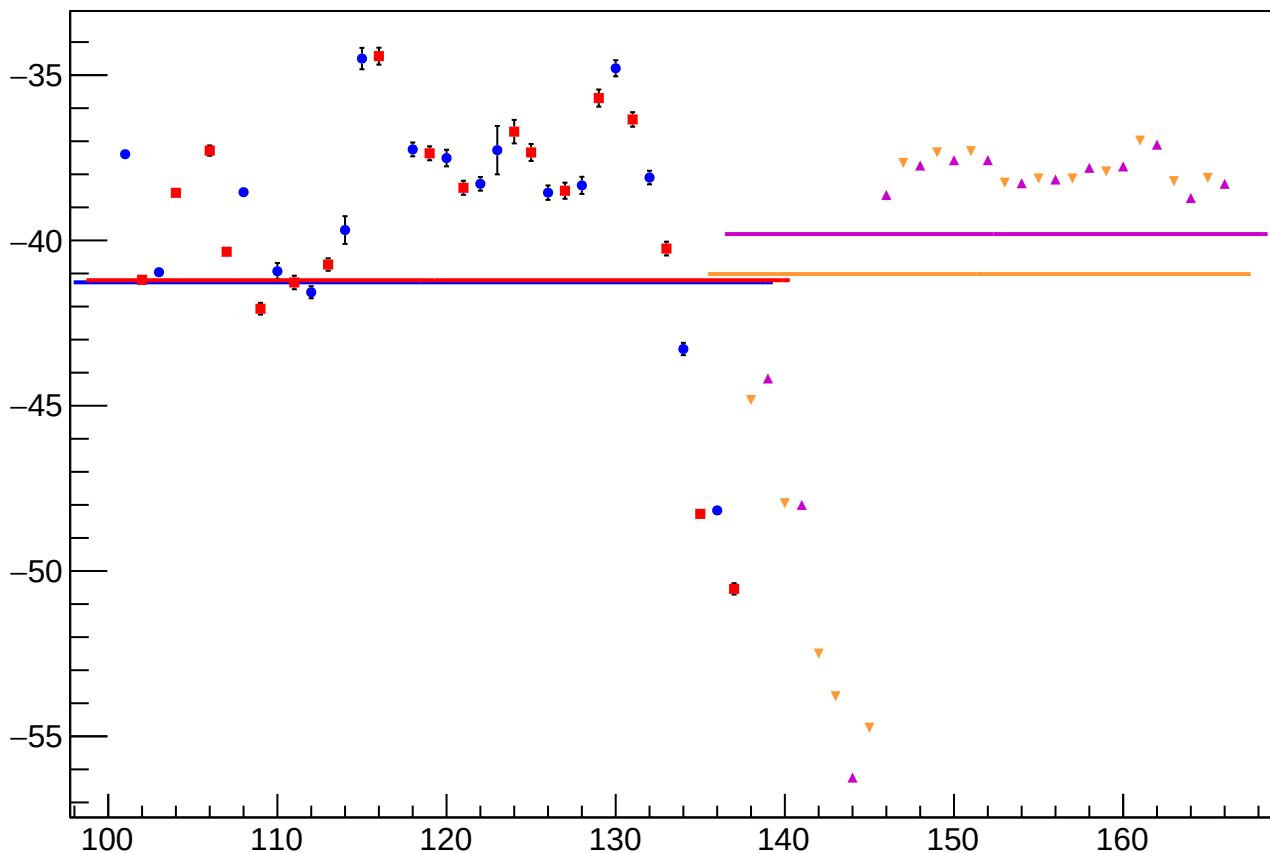
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.226 $\pm$ 0.371 χ^2 /NDF: 997.5/30

Out: 13.232 $\pm$ 0.371 χ^2 /NDF: 1097.5/32

All: 13.729 $\pm$ 0.262 χ^2 /NDF: 2098.6/63

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.017 ± 0.021 $\chi^2/\text{NDF}: 79308.1/14$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.808 ± 0.021 $\chi^2/\text{NDF}: 48865.8/13$

Left: -40.407 ± 0.015 $\chi^2/\text{NDF}: 129899.6/28$

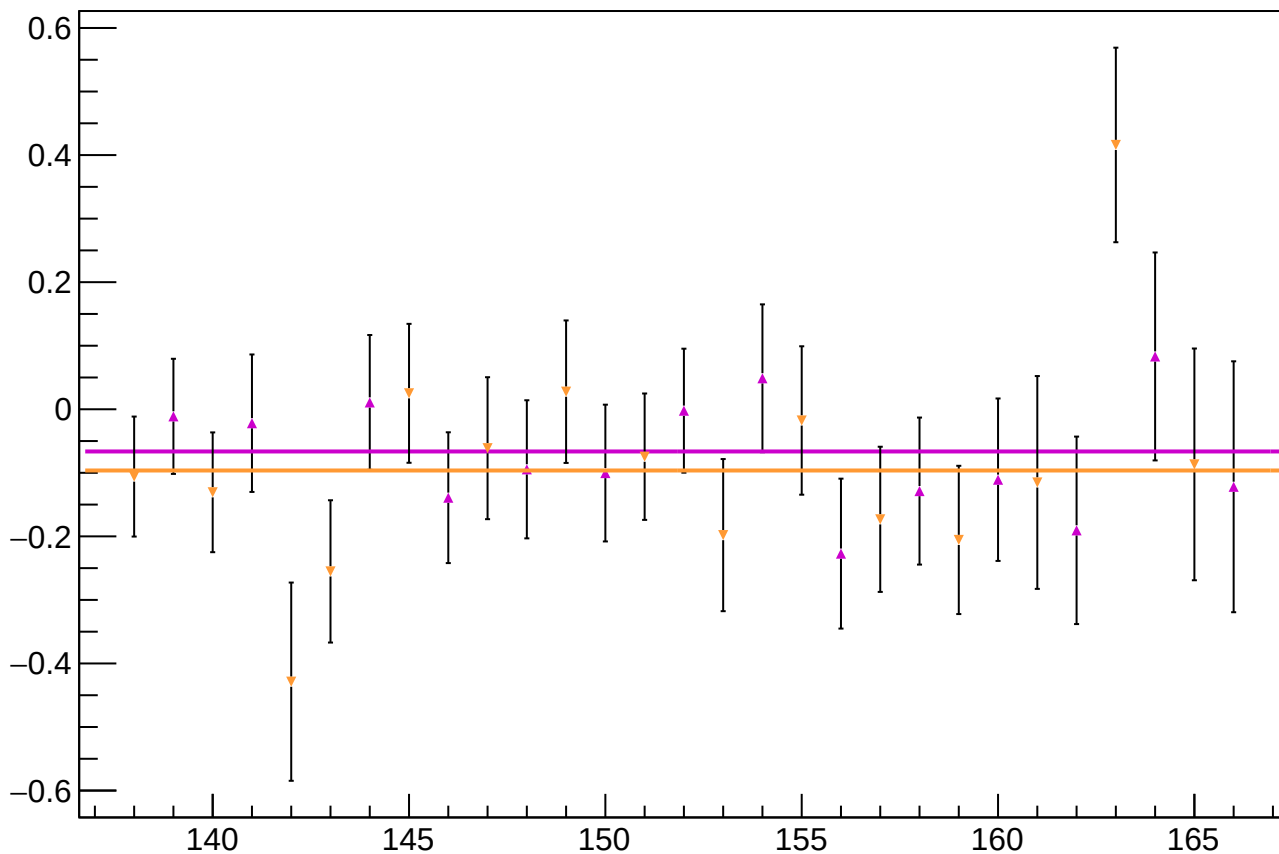
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.130 ± 0.018 $\chi^2/\text{NDF}: 62566.0/30$

Out: -41.058 ± 0.018 $\chi^2/\text{NDF}: 91334.7/32$

All: -40.590 ± 0.013 $\chi^2/\text{NDF}: 155205.9/63$

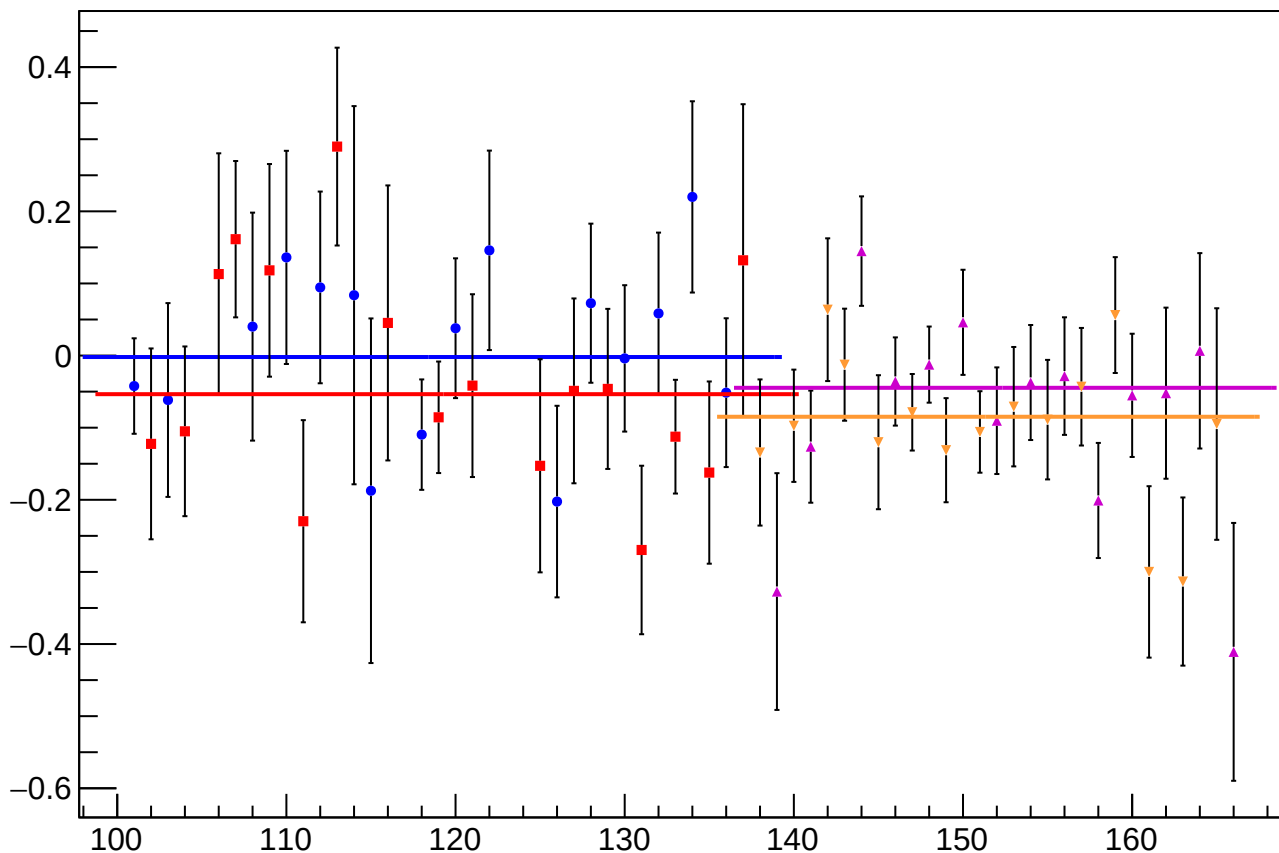
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.096 $\pm$ 0.030 χ^2 /NDF:23.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13

Left: -0.082 $\pm$ 0.022 χ^2 /NDF: 30.5/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13
 Out: -0.096 $\pm$ 0.030 χ^2 /NDF:23.0/14
 All: -0.082 $\pm$ 0.022 χ^2 /NDF: 30.5/28

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.085 ± 0.021 $\chi^2/\text{NDF}: 14.6/14$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.045 ± 0.022 $\chi^2/\text{NDF}: 20.9/13$

Left: -0.065 ± 0.015 $\chi^2/\text{NDF}: 37.2/28$

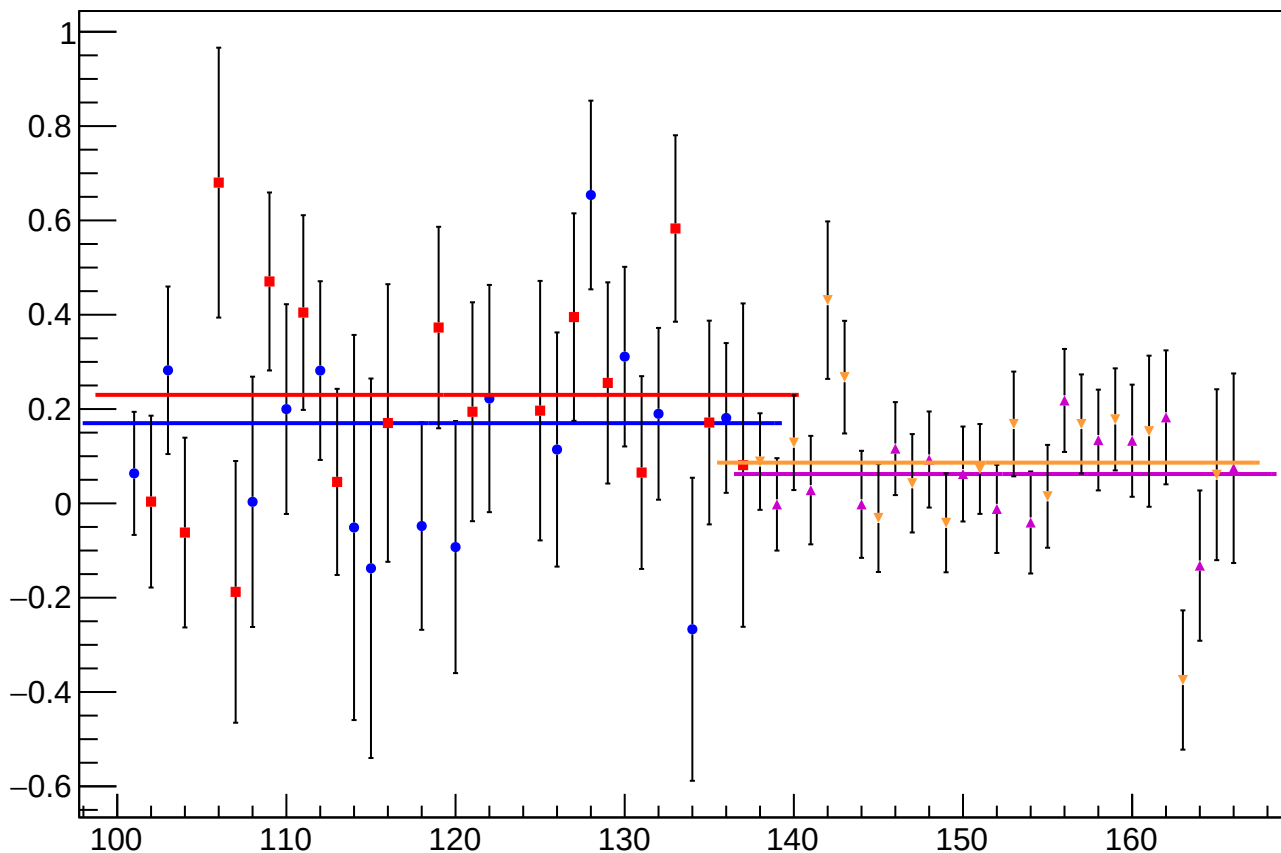
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.029 ± 0.017 $\chi^2/\text{NDF}: 34.4/29$

Out: -0.074 ± 0.017 $\chi^2/\text{NDF}: 36.3/31$

All: -0.052 ± 0.012 $\chi^2/\text{NDF}: 74.2/61$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.086 ± 0.030 $\chi^2/\text{NDF}: 21.7/14$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.062 ± 0.030 $\chi^2/\text{NDF}: 7.8/13$

Left: 0.074 ± 0.021 $\chi^2/\text{NDF}: 29.8/28$

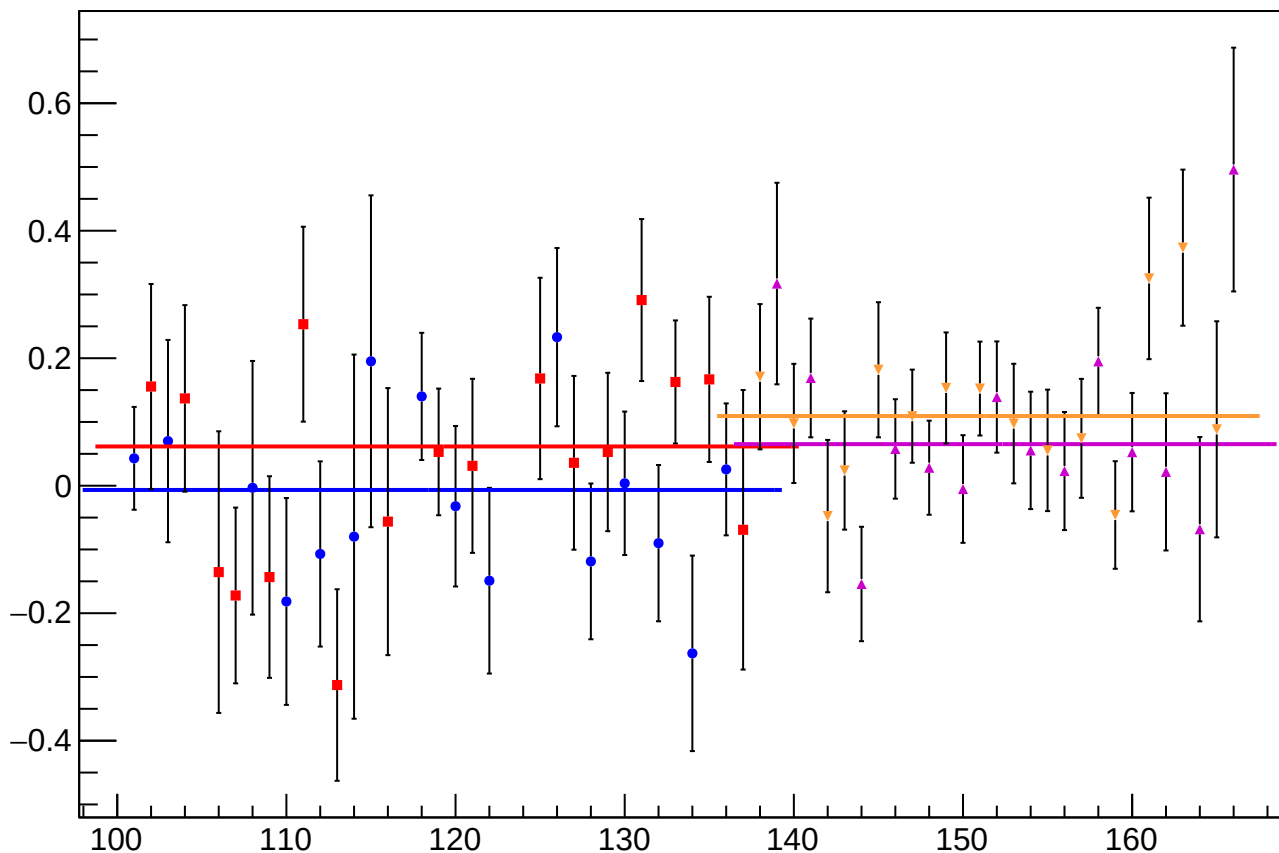
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.089 ± 0.026 $\chi^2/\text{NDF}: 24.0/29$

Out: 0.120 ± 0.026 $\chi^2/\text{NDF}: 44.0/31$

All: 0.104 ± 0.018 $\chi^2/\text{NDF}: 68.7/61$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.109 ± 0.025 $\chi^2/\text{NDF}: 15.4/14$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.065 ± 0.026 $\chi^2/\text{NDF}: 20.1/13$

Left: 0.088 ± 0.018 $\chi^2/\text{NDF}: 37.0/28$

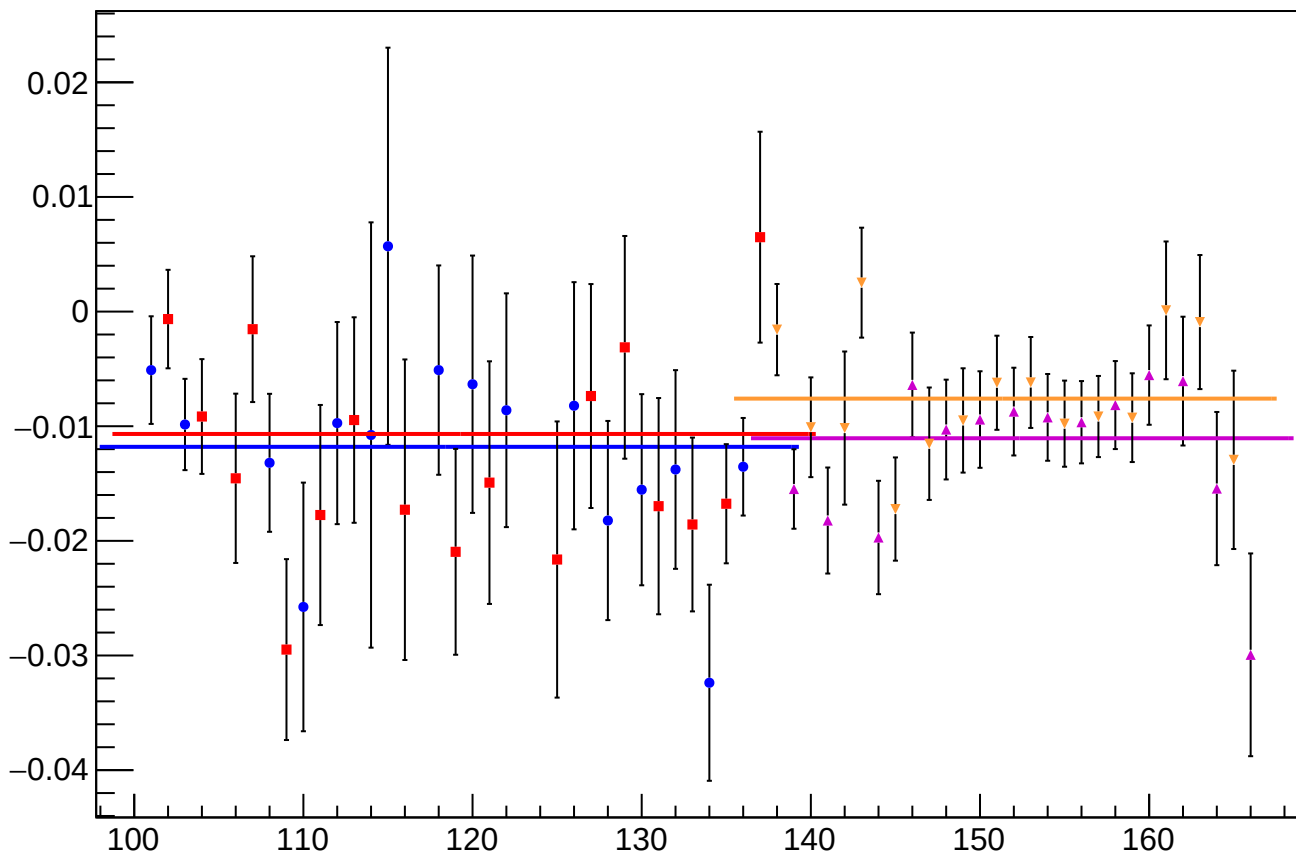
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.038 ± 0.020 $\chi^2/\text{NDF}: 36.3/29$

Out: 0.093 ± 0.020 $\chi^2/\text{NDF}: 36.7/31$

All: 0.065 ± 0.014 $\chi^2/\text{NDF}: 76.7/61$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 17.0/14

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 17.0/13

Left: -0.009 ± 0.001 χ^2/NDF : 38.4/28

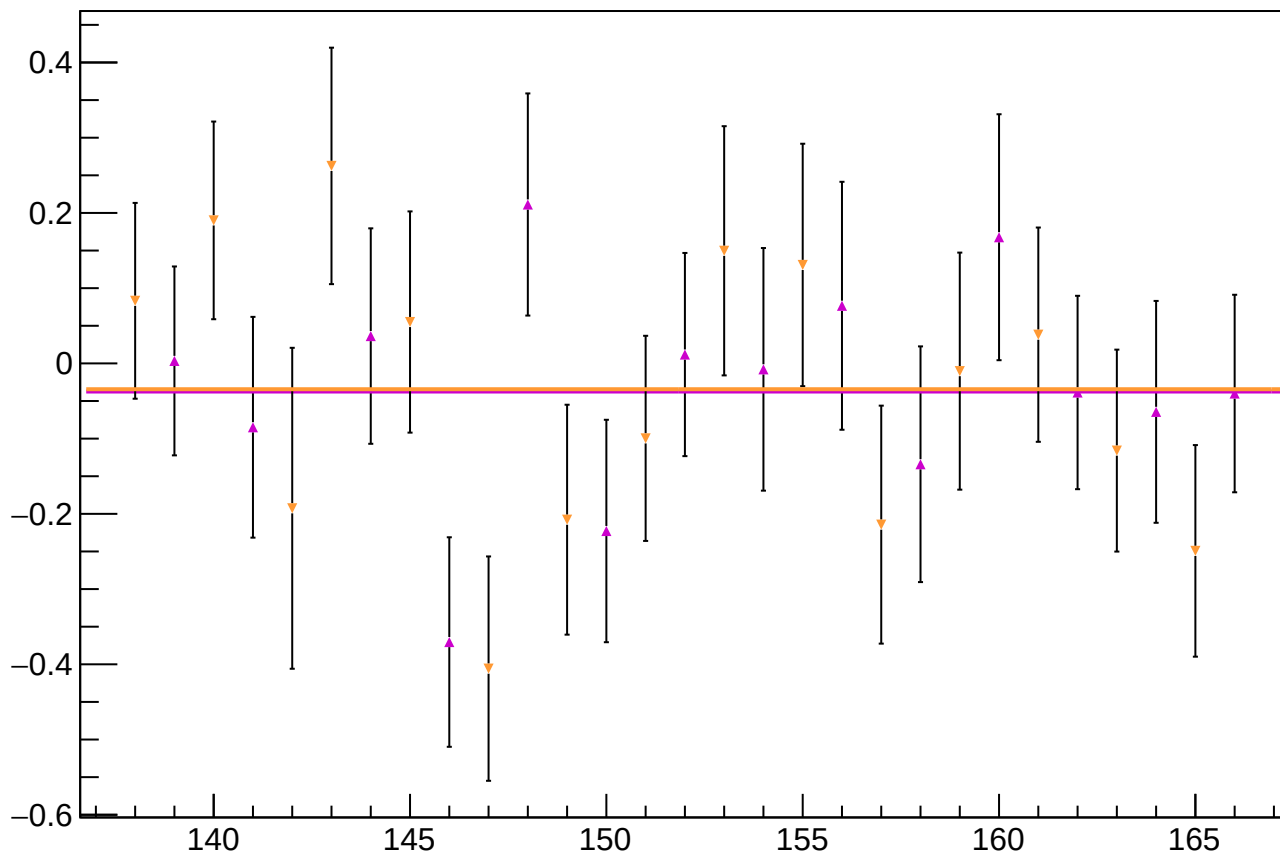
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 30.0/29

Out: -0.009 ± 0.001 χ^2/NDF : 42.8/31

All: -0.010 ± 0.001 χ^2/NDF : 76.8/61

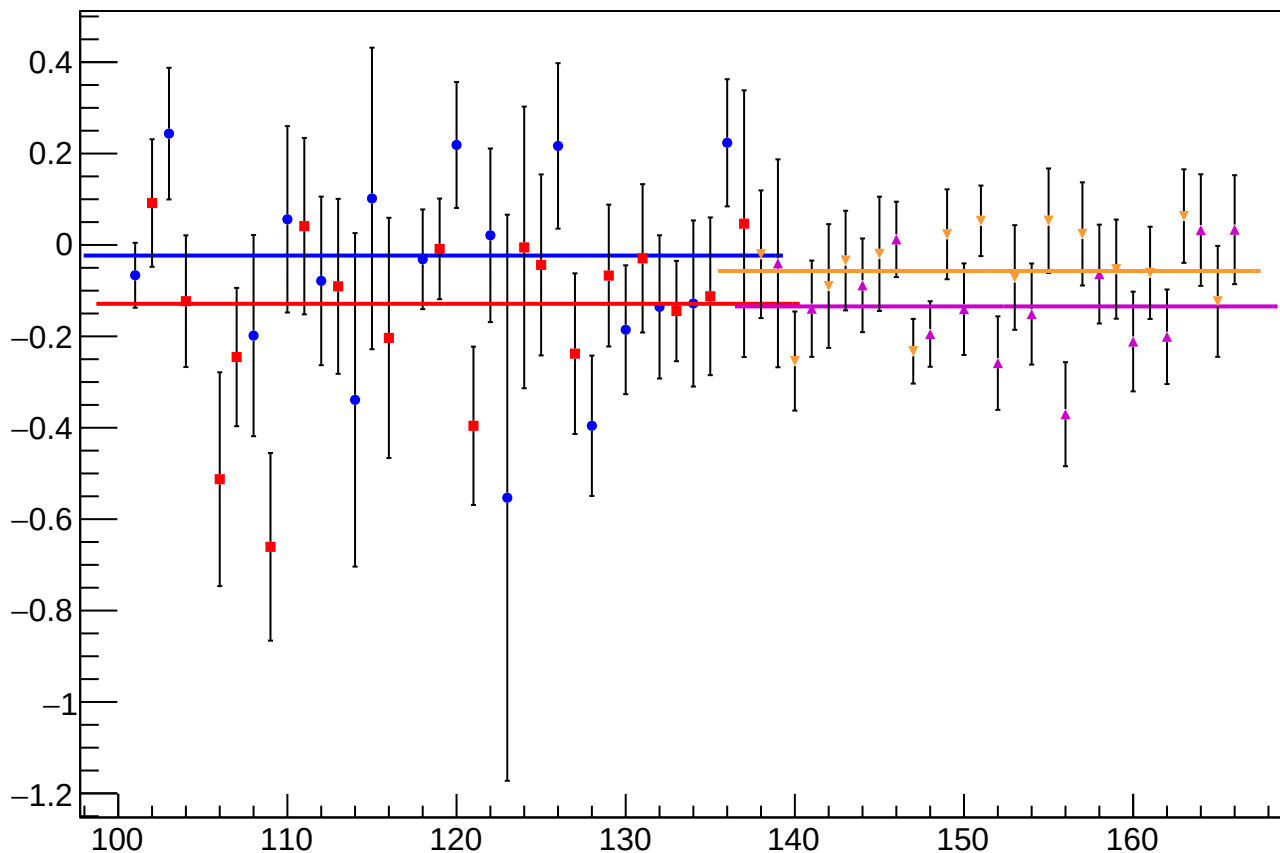
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



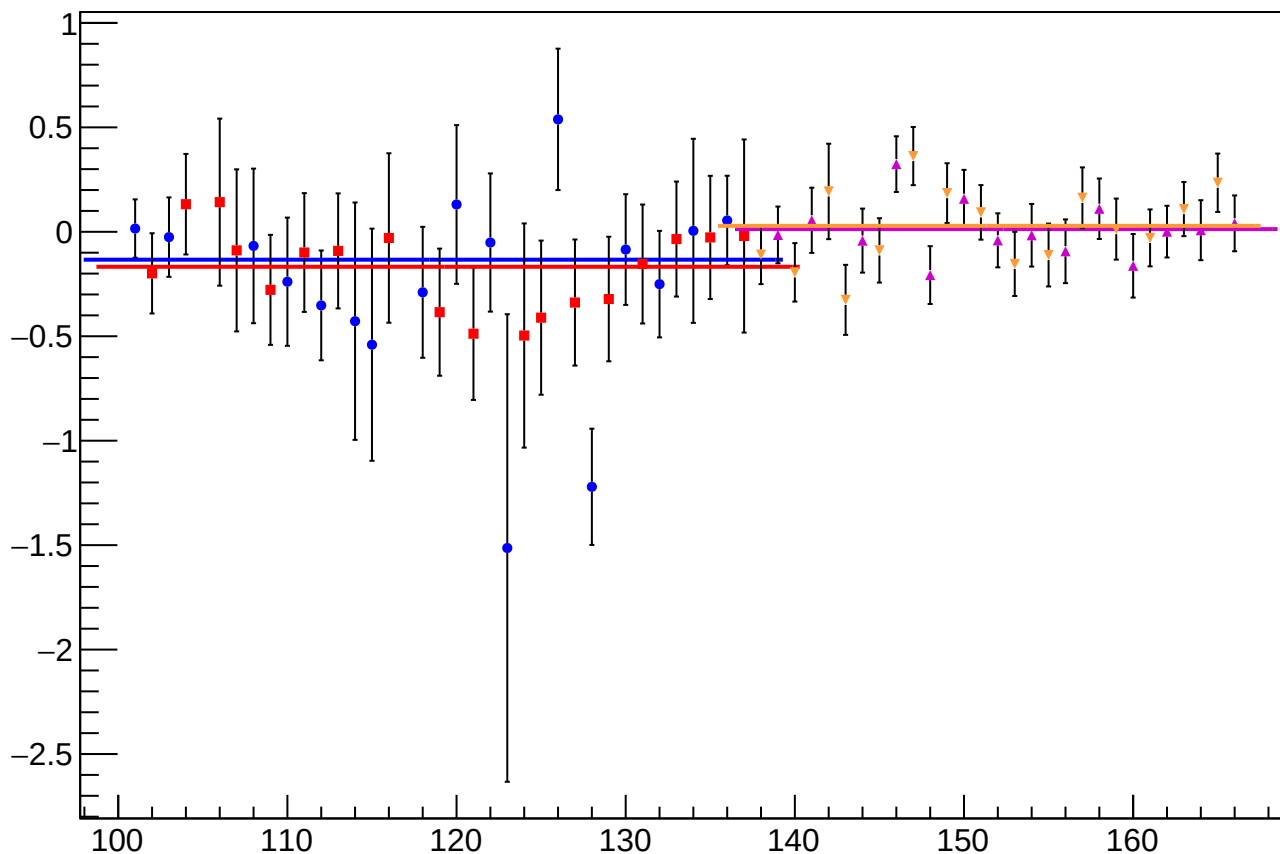
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.038 χ^2 /NDF:22.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.037 $\pm$ 0.039 χ^2 /NDF:13.2/13

Left: -0.036 $\pm$ 0.027 χ^2 /NDF: 35.7/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.037 $\pm$ 0.039 χ^2 /NDF:13.2/13
 Out: -0.034 $\pm$ 0.038 χ^2 /NDF:22.5/14
 All: -0.036 $\pm$ 0.027 χ^2 /NDF: 35.7/28

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.029 ± 0.038 χ^2/NDF : 22.1/14

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.013 ± 0.038 χ^2/NDF : 11.9/13

Left: 0.021 ± 0.027 χ^2/NDF : 34.1/28

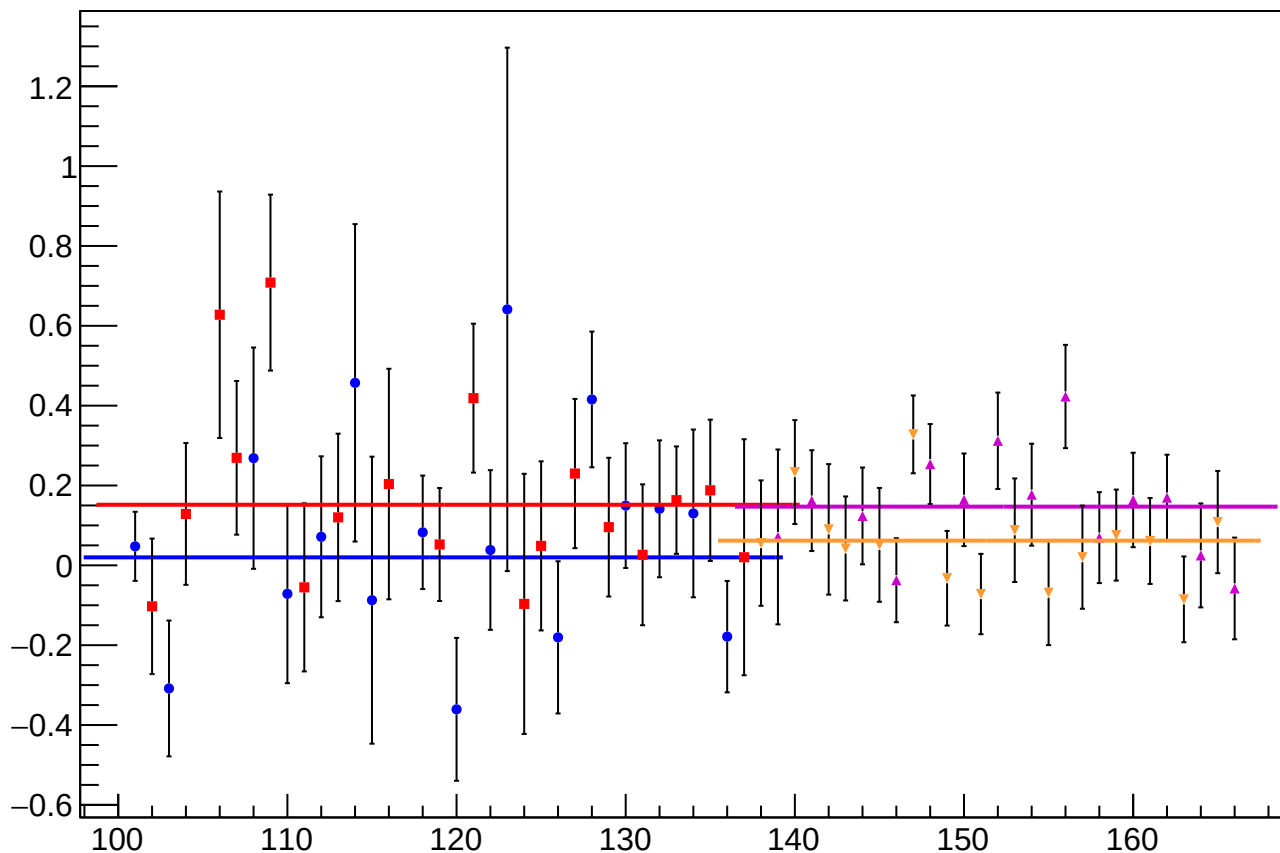
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.022 ± 0.033 χ^2/NDF : 41.2/30

Out: -0.015 ± 0.033 χ^2/NDF : 34.2/32

All: -0.019 ± 0.023 χ^2/NDF : 75.5/63

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: 0.062 $\pm$ 0.031 χ^2 /NDF: 14.8/14

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.147 $\pm$ 0.032 χ^2 /NDF: 14.9/13

Left: 0.103 $\pm$ 0.023 χ^2 /NDF: 33.2/28

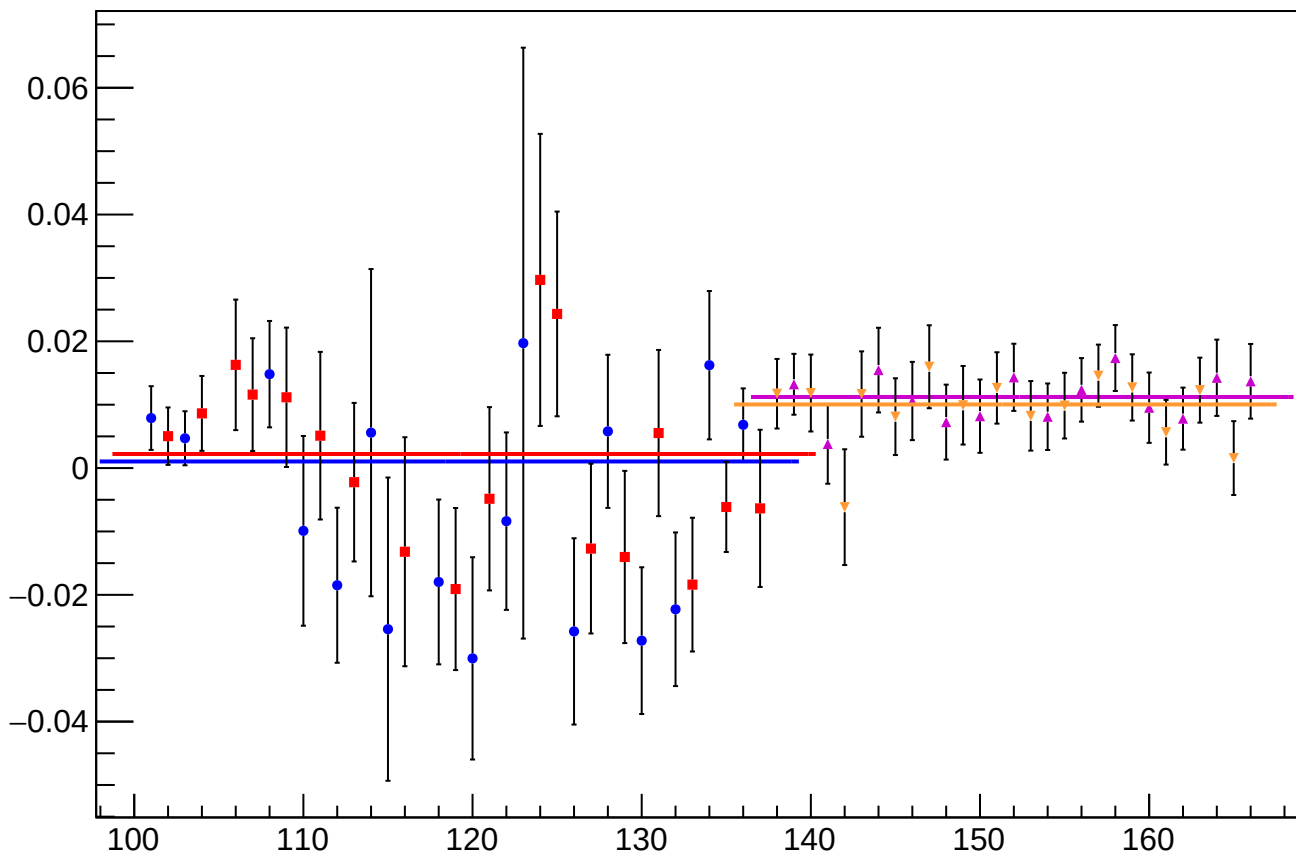
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.100 $\pm$ 0.026 χ^2 /NDF: 42.4/30

Out: 0.091 $\pm$ 0.026 χ^2 /NDF: 34.3/32

All: 0.096 $\pm$ 0.018 χ^2 /NDF: 76.7/63

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:8.8/14

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:5.9/13

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 15.0/28

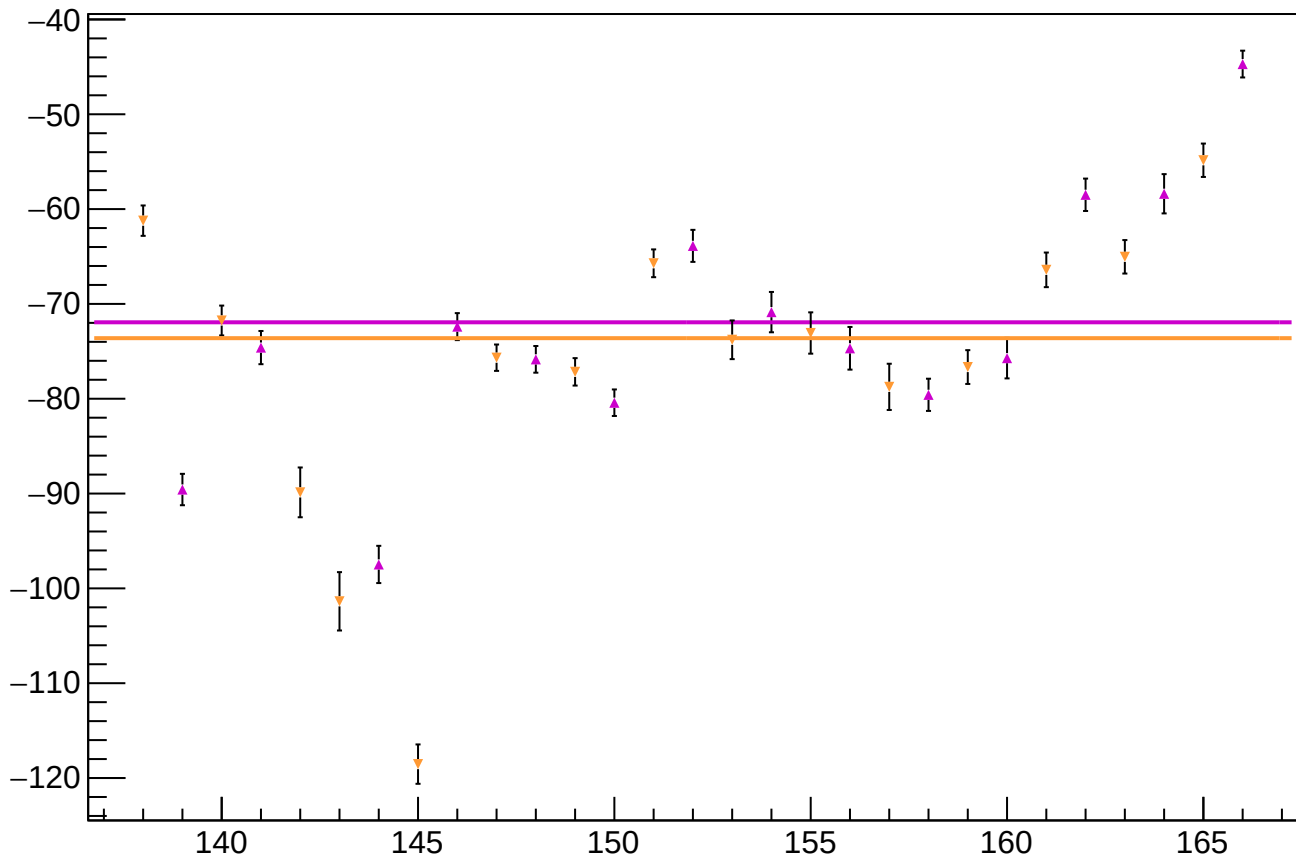
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:52.4/30

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:37.9/32

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 90.3/63

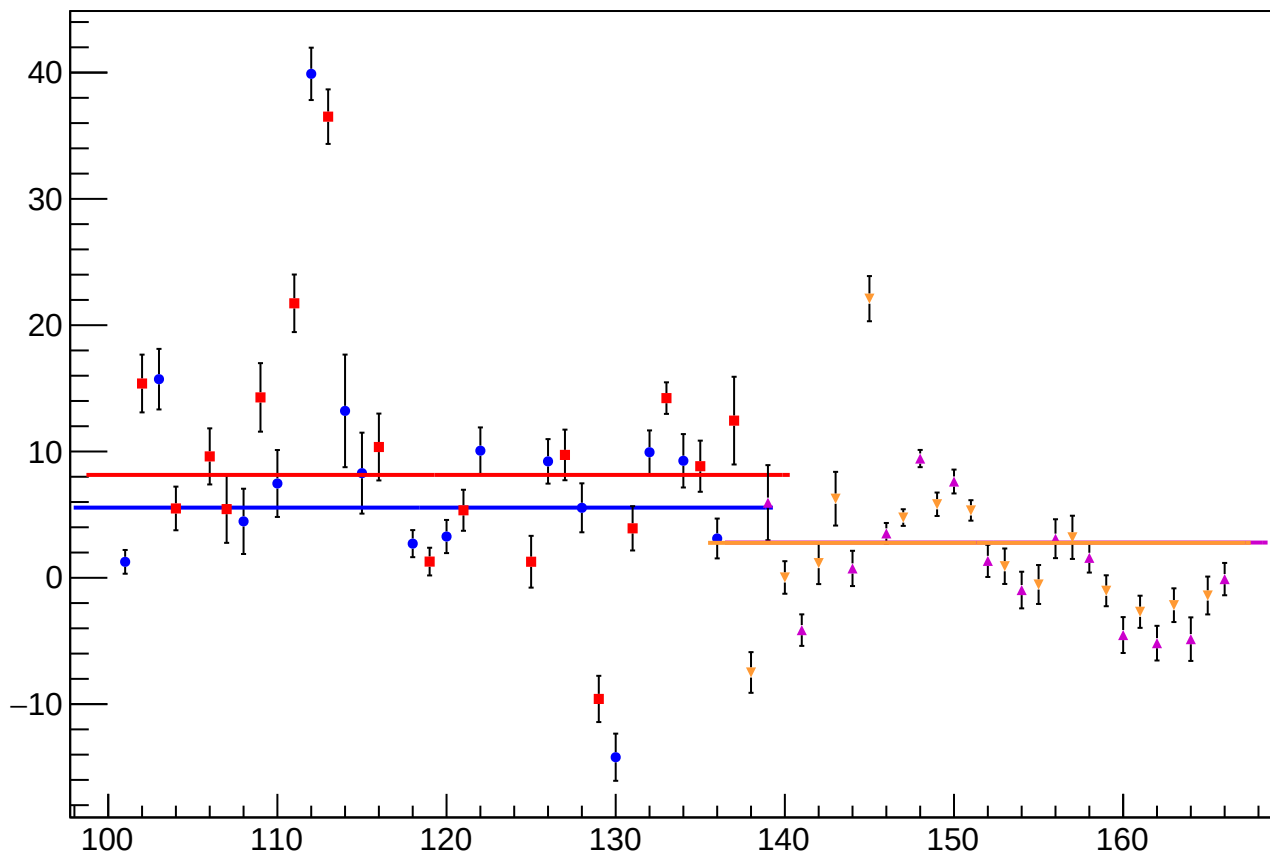
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.613+/-0.465 χ^2/NDF :846.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -71.939+/-0.453 χ^2/NDF :854.0/13

Left: -72.753+/-0.325 χ^2/NDF : 1707.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -71.939+/-0.453 χ^2/NDF :854.0/13
 Out: -73.613+/-0.465 χ^2/NDF :846.8/14
 All: -72.753+/-0.325 χ^2/NDF : 1707.5/28

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: 2.768 ± 0.310 $\chi^2/\text{NDF}: 251.5/14$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.791 ± 0.313 $\chi^2/\text{NDF}: 250.3/13$

Left: 2.779 ± 0.220 $\chi^2/\text{NDF}: 501.8/28$

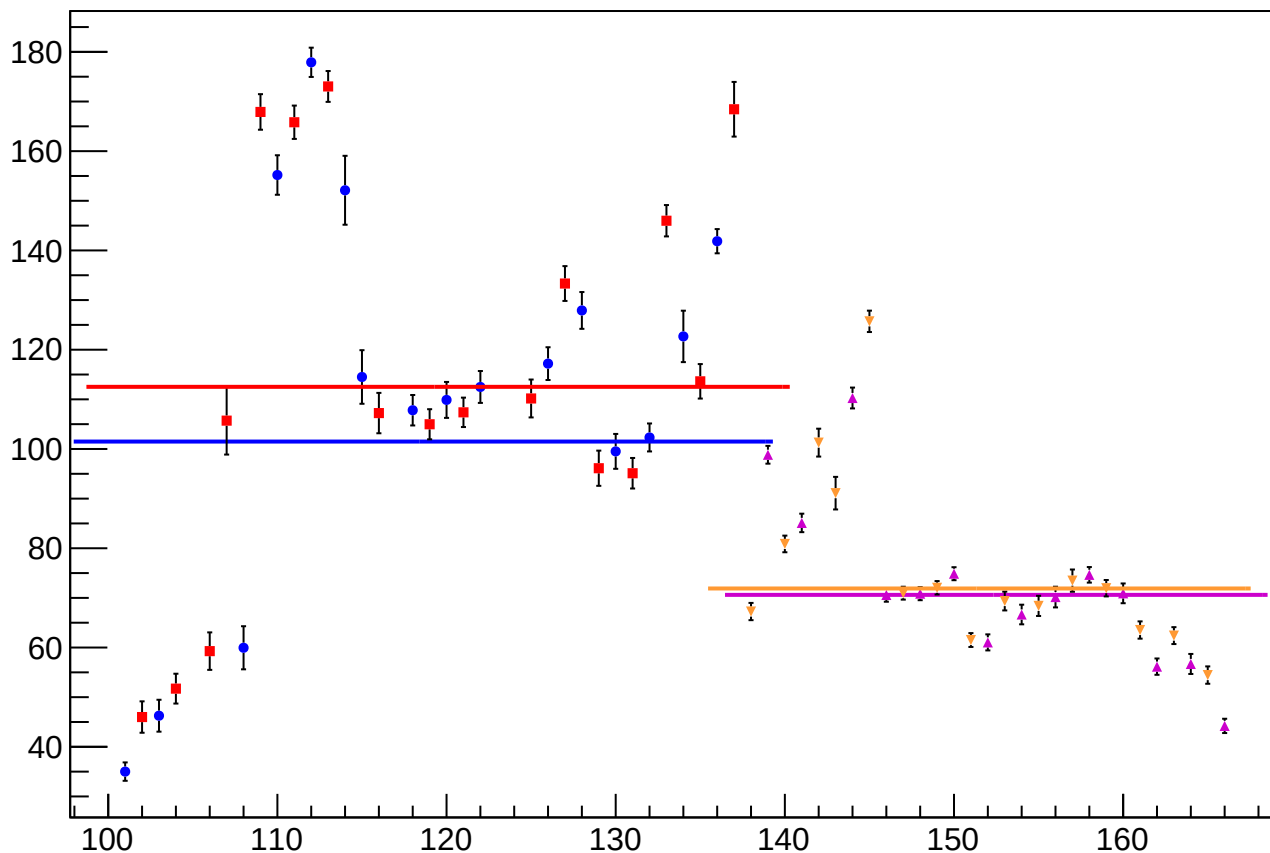
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.766 ± 0.252 $\chi^2/\text{NDF}: 739.9/29$

Out: 4.473 ± 0.256 $\chi^2/\text{NDF}: 754.0/31$

All: 4.114 ± 0.179 $\chi^2/\text{NDF}: 1497.7/61$

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: 71.896 $\pm$ 0.454 χ^2 /NDF:1018.1/14

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 70.610 $\pm$ 0.441 χ^2 /NDF:1183.3/13

Left: 71.235 $\pm$ 0.316 χ^2 /NDF: 2205.6/28

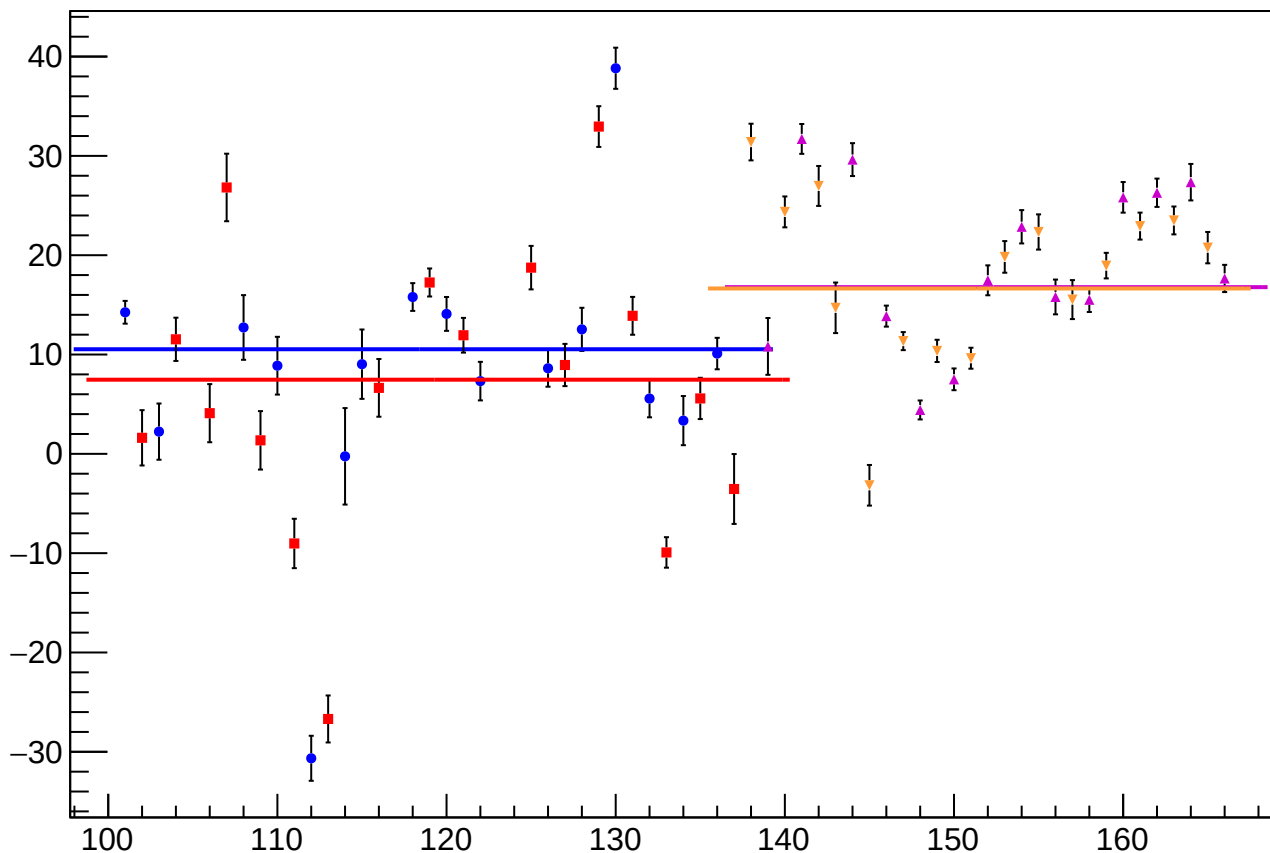
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 77.684 $\pm$ 0.387 χ^2 /NDF:5282.1/29

Out: 81.011 $\pm$ 0.399 χ^2 /NDF:5055.4/31

All: 79.294 $\pm$ 0.278 χ^2 /NDF: 10373.3/61

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 16.651 $\pm$ 0.371 χ^2 /NDF:388.6/14

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.785 $\pm$ 0.371 χ^2 /NDF:537.7/13

Left: 16.718 $\pm$ 0.262 χ^2 /NDF: 926.3/28

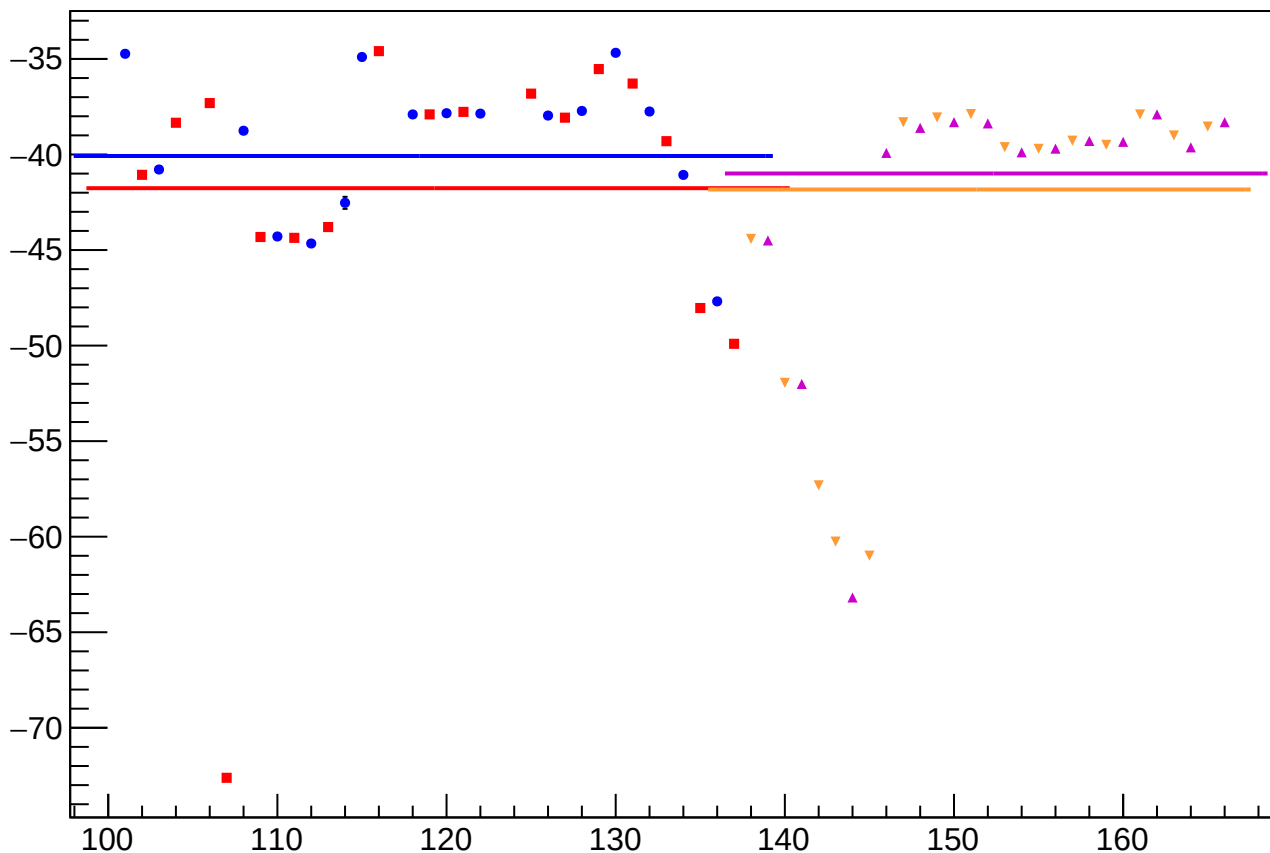
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.526 $\pm$ 0.296 χ^2 /NDF:1220.8/29

Out: 13.596 $\pm$ 0.303 χ^2 /NDF:1277.8/31

All: 14.071 $\pm$ 0.212 χ^2 /NDF: 2503.4/61

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: -41.833 ± 0.018 χ^2/NDF : 133041.4/14

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -40.994 ± 0.018 χ^2/NDF : 94887.6/13

Left: -41.401 ± 0.013 χ^2/NDF : 229026.4/28

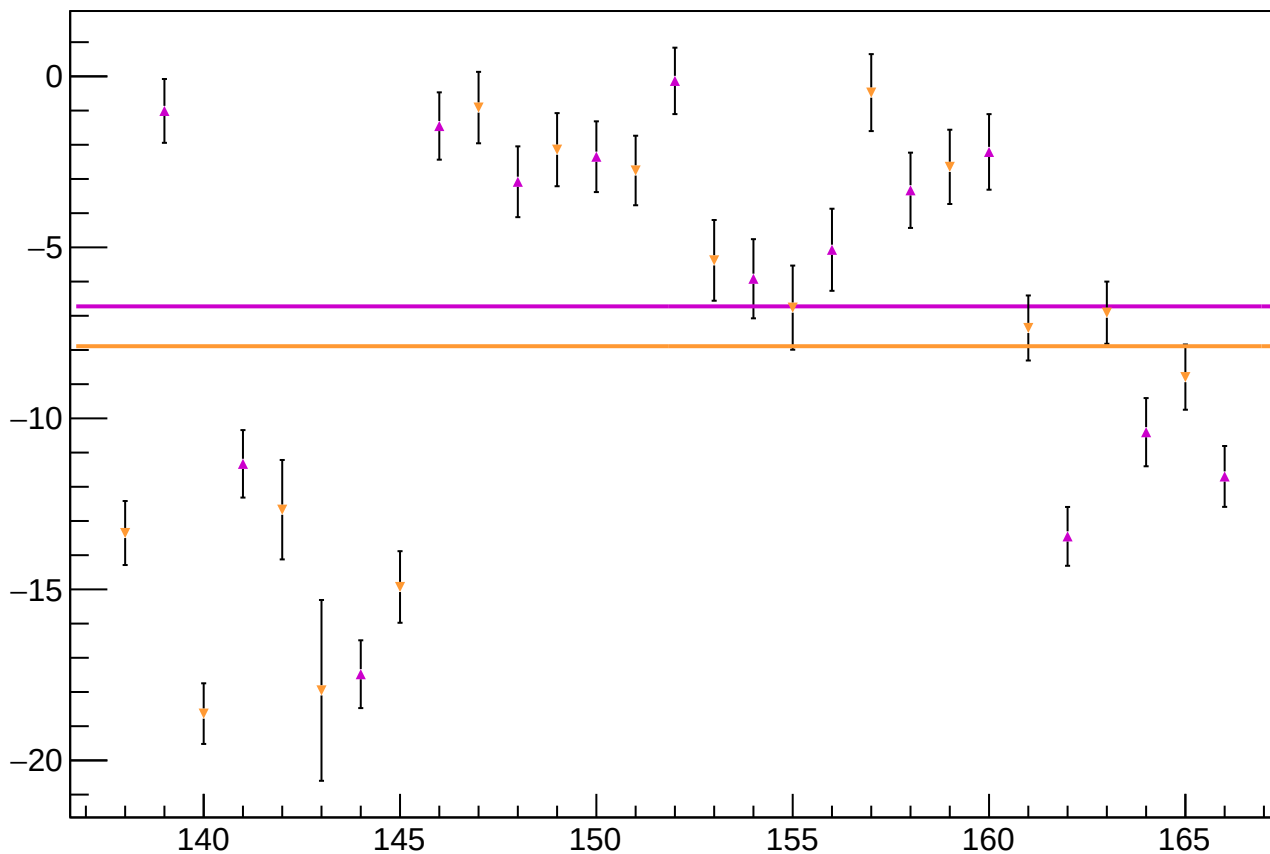
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -40.737 ± 0.015 χ^2/NDF : 120791.5/29

Out: -41.813 ± 0.015 χ^2/NDF : 193294.9/31

All: -41.261 ± 0.011 χ^2/NDF : 316604.1/61

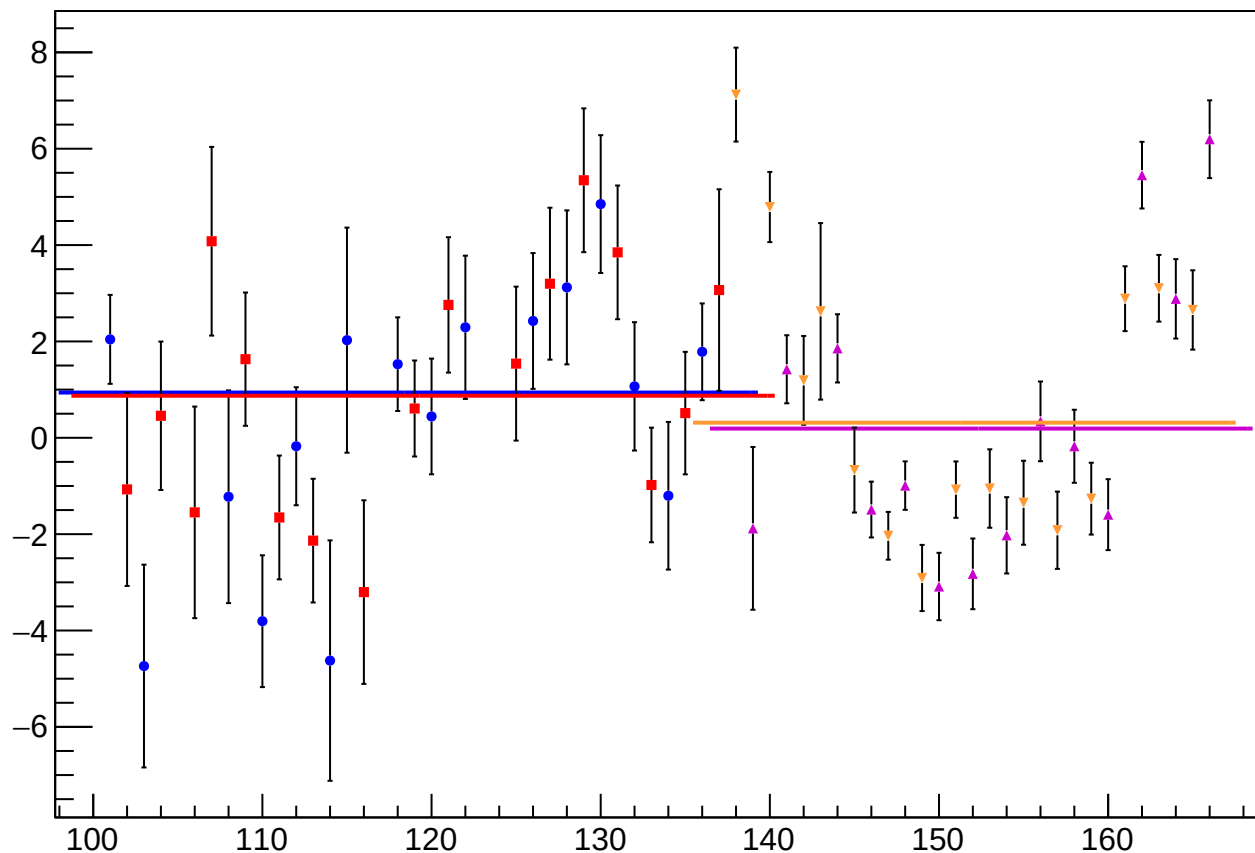
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -7.890 $\pm$ 0.276 χ^2/NDF :424.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -6.725 $\pm$ 0.269 χ^2/NDF :416.7/13

Left: -7.292 $\pm$ 0.192 χ^2/NDF : 850.8/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -6.725 $\pm$ 0.269 χ^2/NDF :416.7/13
 Out: -7.890 $\pm$ 0.276 χ^2/NDF :424.9/14
 All: -7.292 $\pm$ 0.192 χ^2/NDF : 850.8/28

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 0.314 ± 0.193 $\chi^2/\text{NDF}: 198.0/14$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.191 ± 0.193 $\chi^2/\text{NDF}: 200.7/13$

Left: 0.253 ± 0.136 $\chi^2/\text{NDF}: 398.9/28$

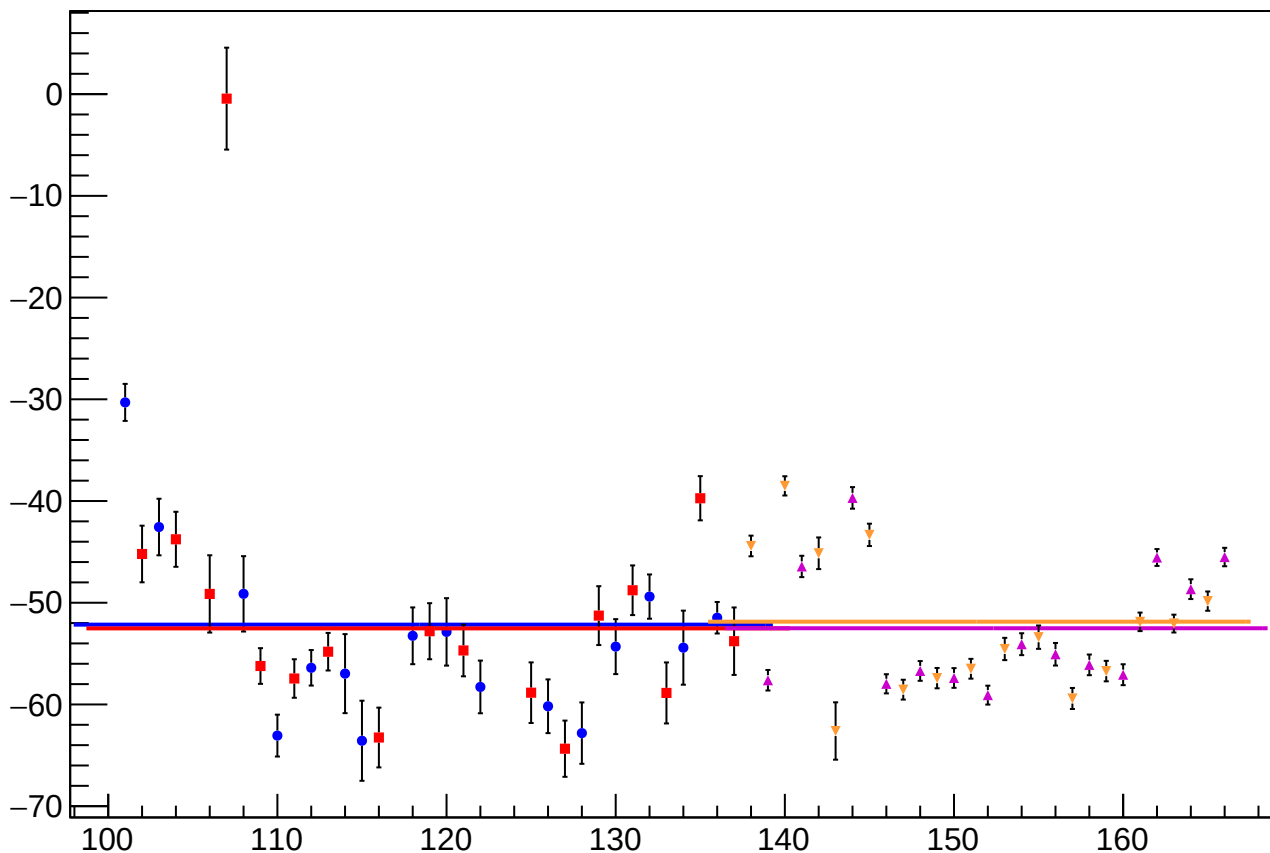
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.374 ± 0.168 $\chi^2/\text{NDF}: 246.6/29$

Out: 0.443 ± 0.170 $\chi^2/\text{NDF}: 240.5/31$

All: 0.408 ± 0.119 $\chi^2/\text{NDF}: 487.2/61$

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: -51.862 ± 0.270 χ^2/NDF : 536.3/14

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.509 ± 0.262 χ^2/NDF : 518.8/13

Left: -52.195 ± 0.188 χ^2/NDF : 1058.0/28

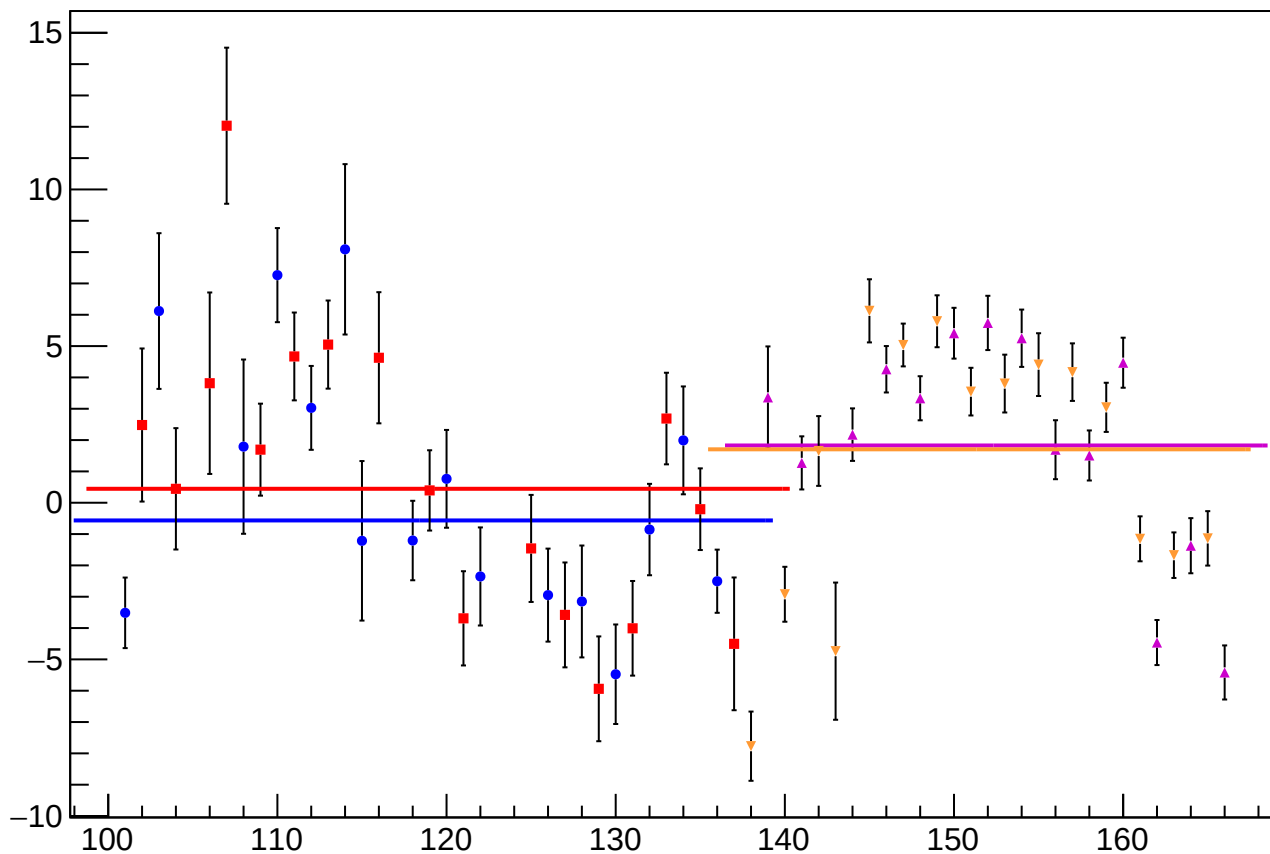
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.454 ± 0.241 χ^2/NDF : 750.1/29

Out: -51.968 ± 0.248 χ^2/NDF : 755.0/31

All: -52.217 ± 0.173 χ^2/NDF : 1507.0/61

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: 1.705 ± 0.226 χ^2/NDF : 254.0/14

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.827 ± 0.224 χ^2/NDF : 242.1/13

Left: 1.767 ± 0.159 χ^2/NDF : 496.3/28

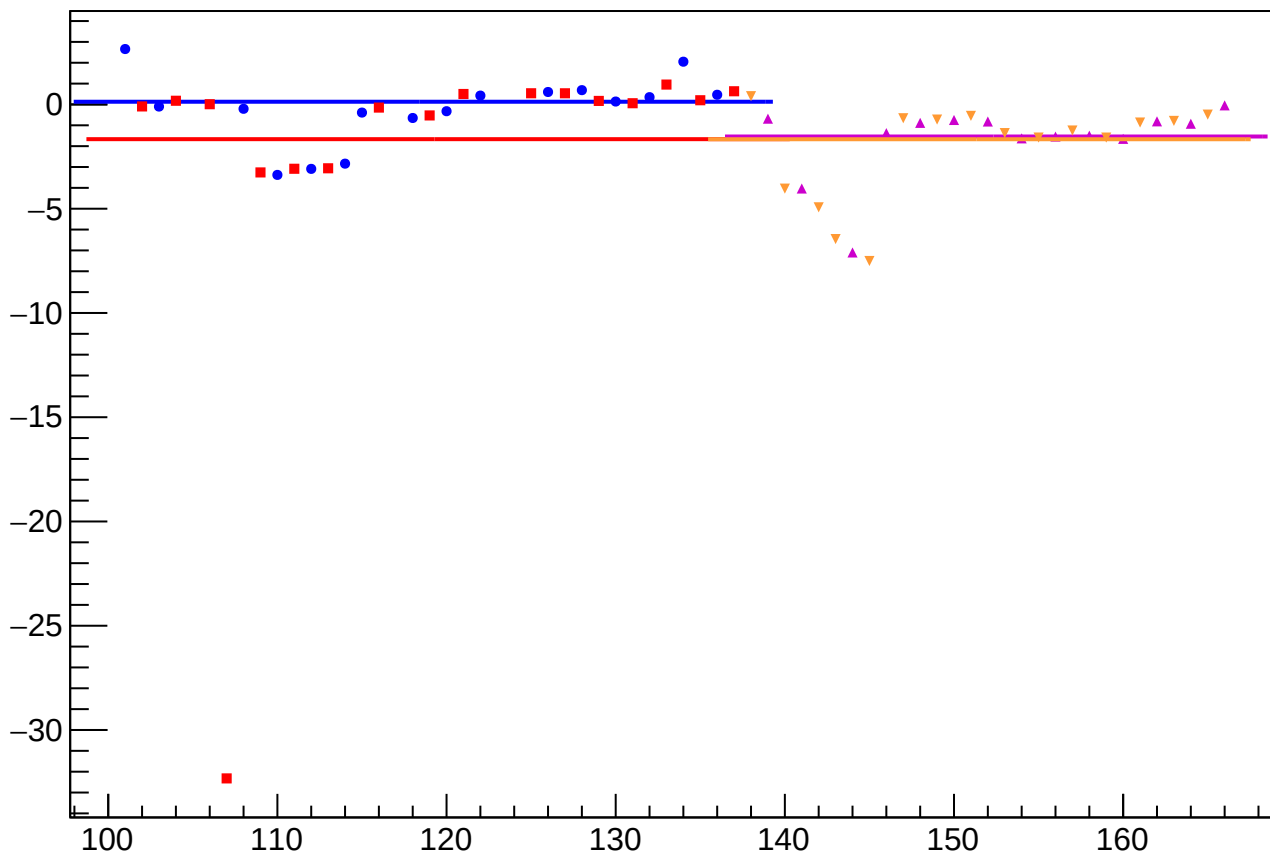
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.221 ± 0.194 χ^2/NDF : 352.9/29

Out: 1.400 ± 0.197 χ^2/NDF : 355.6/31

All: 1.309 ± 0.138 χ^2/NDF : 708.9/61

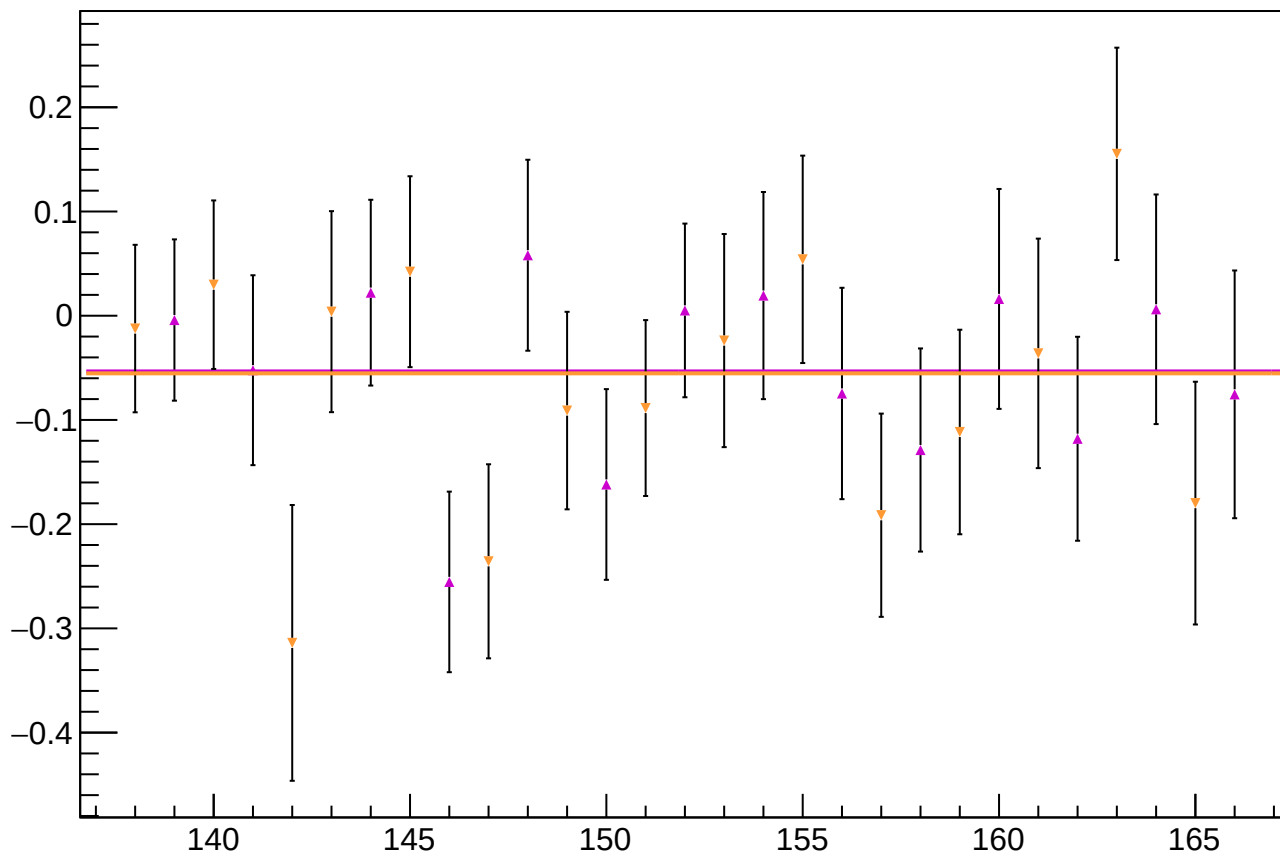
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.668 ± 0.011 $\chi^2/\text{NDF}: 32793.5/14$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.537 ± 0.010 $\chi^2/\text{NDF}: 21607.2/13$

Left: -1.601 ± 0.007 $\chi^2/\text{NDF}: 54479.0/28$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.223 ± 0.009 $\chi^2/\text{NDF}: 31713.0/29$
 Out: -1.668 ± 0.010 $\chi^2/\text{NDF}: 110396.3/31$
 All: -1.440 ± 0.007 $\chi^2/\text{NDF}: 143218.9/61$

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: -0.055 $\pm$ 0.025 χ^2 /NDF:19.8/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Left: -0.054 $\pm$ 0.018 χ^2 /NDF: 32.1/28

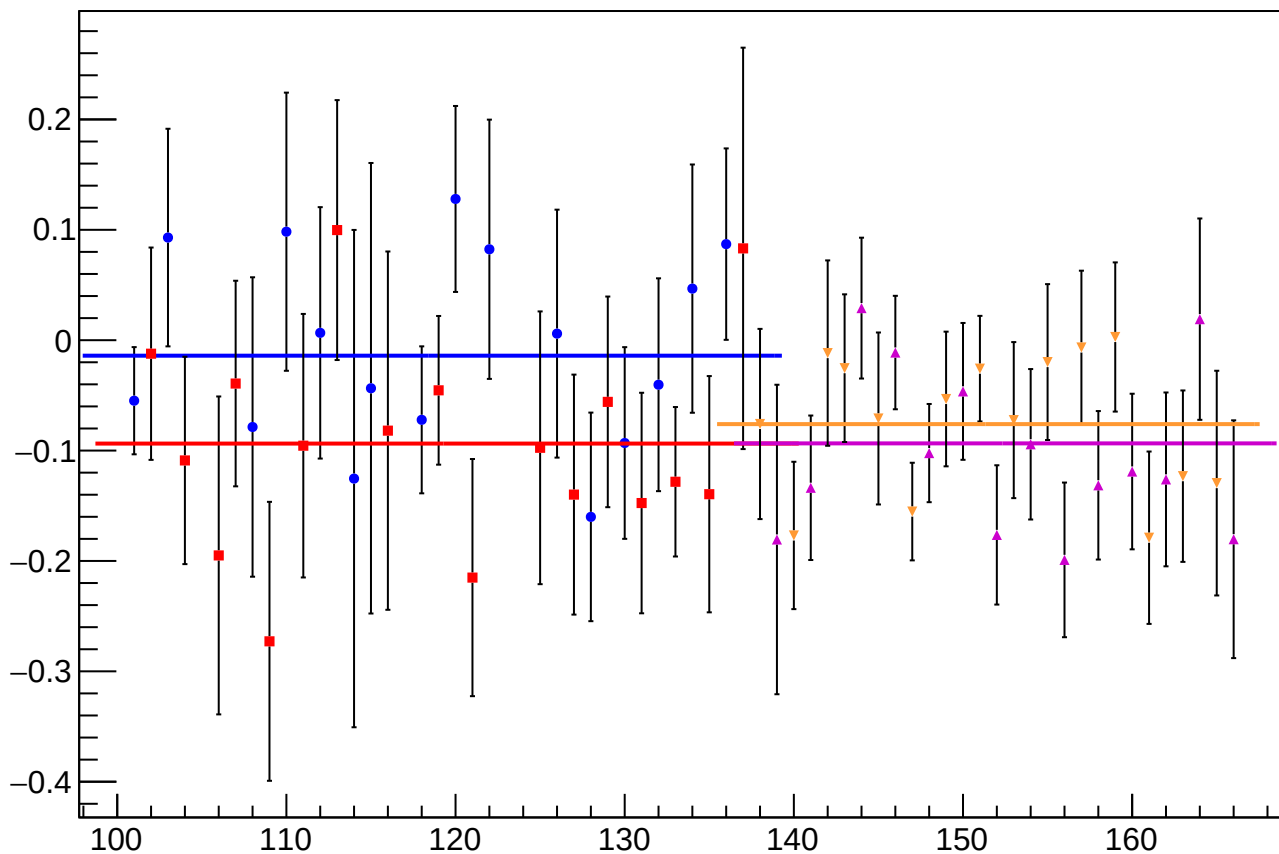
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Out: -0.055 $\pm$ 0.025 χ^2 /NDF:19.8/14

All: -0.054 $\pm$ 0.018 χ^2 /NDF: 32.1/28

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.076 ± 0.017 $\chi^2/\text{NDF}: 13.3/14$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.093 ± 0.018 $\chi^2/\text{NDF}: 14.4/13$

Left: -0.084 ± 0.012 $\chi^2/\text{NDF}: 28.2/28$

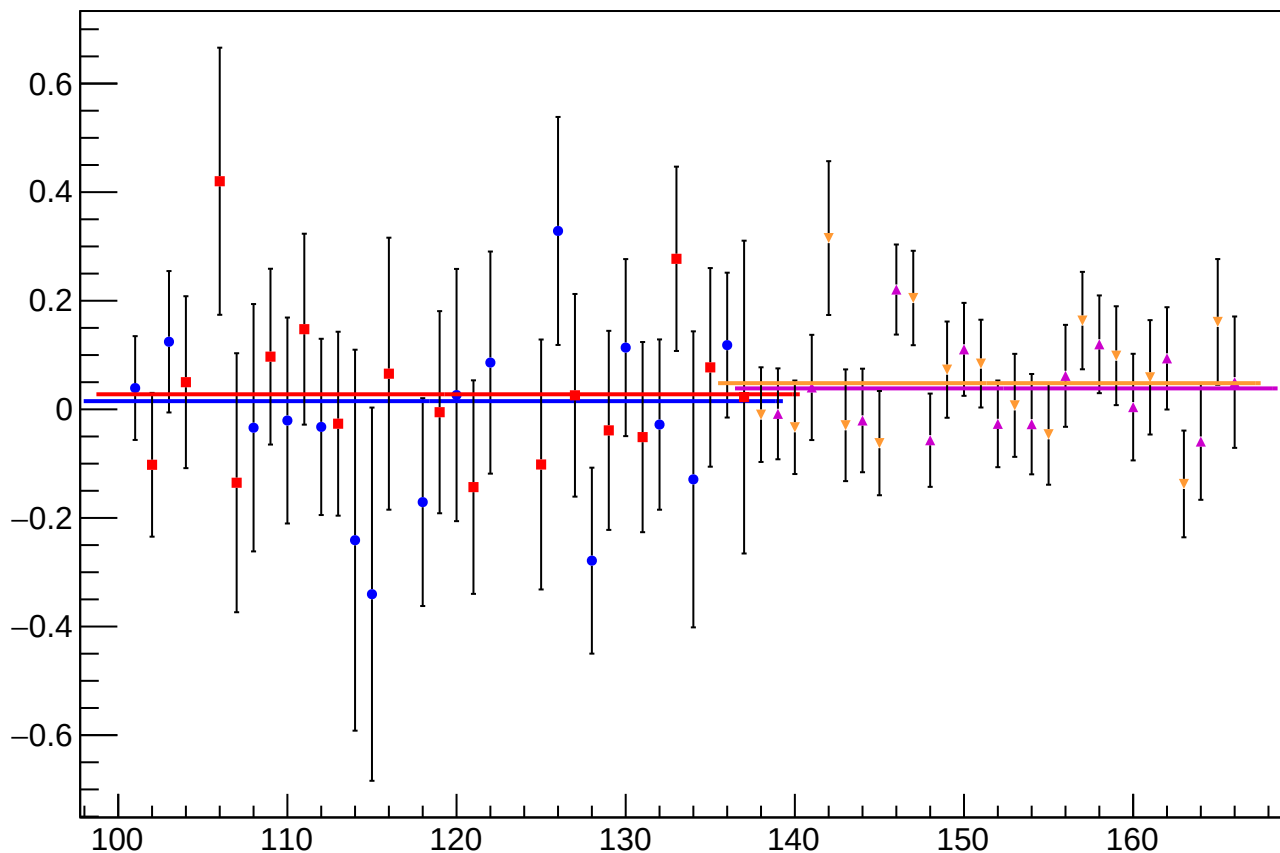
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.064 ± 0.014 $\chi^2/\text{NDF}: 34.2/29$

Out: -0.082 ± 0.014 $\chi^2/\text{NDF}: 23.7/31$

All: -0.073 ± 0.010 $\chi^2/\text{NDF}: 58.7/61$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.048 $\pm$ 0.024 χ^2 /NDF:18.0/14

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.039 $\pm$ 0.025 χ^2 /NDF:10.8/13

Left: 0.043 $\pm$ 0.017 χ^2 /NDF: 28.9/28

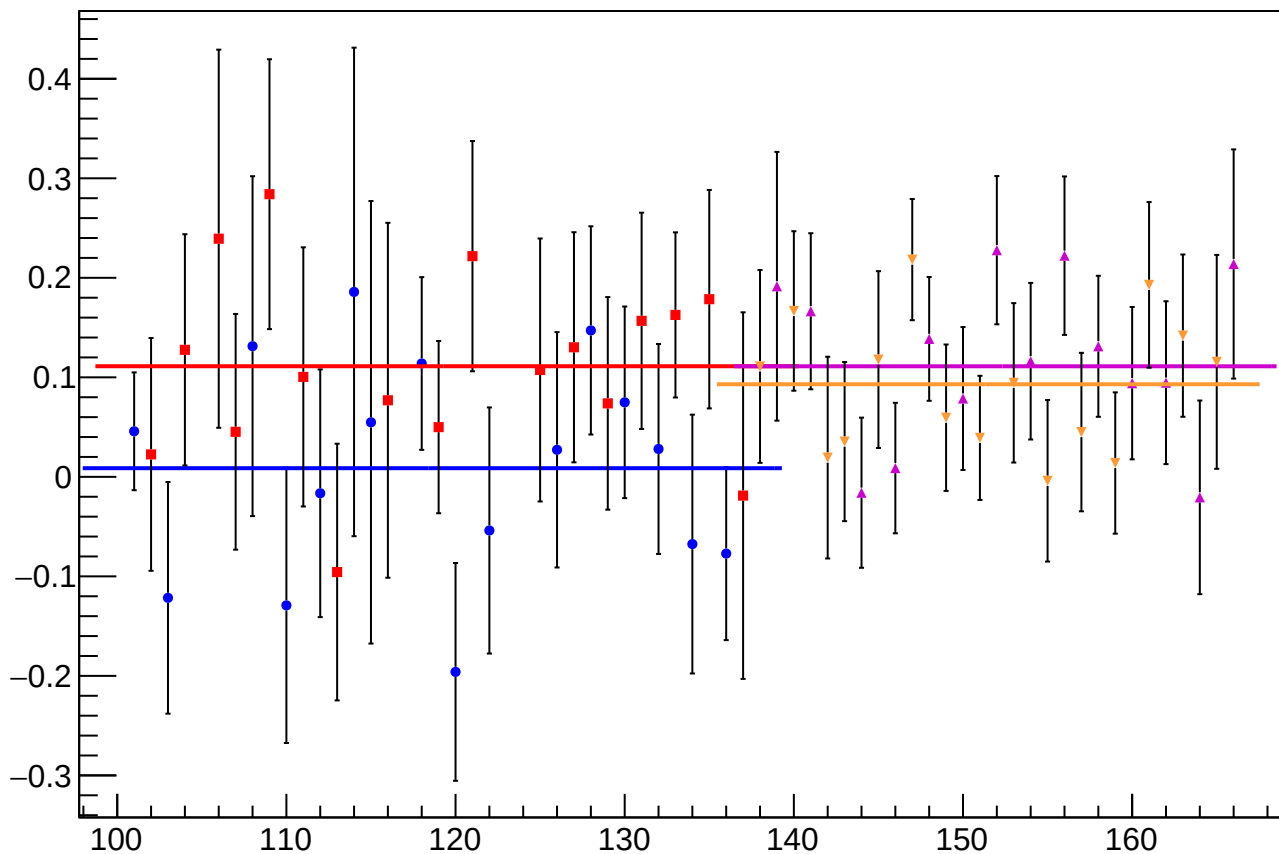
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.033 $\pm$ 0.021 χ^2 /NDF:21.1/29

Out: 0.044 $\pm$ 0.021 χ^2 /NDF:26.6/31

All: 0.038 $\pm$ 0.015 χ^2 /NDF: 47.9/61

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.093 ± 0.020 $\chi^2/\text{NDF}: 12.1/14$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.111 ± 0.021 $\chi^2/\text{NDF}: 13.7/13$

Left: 0.102 ± 0.015 $\chi^2/\text{NDF}: 26.2/28$

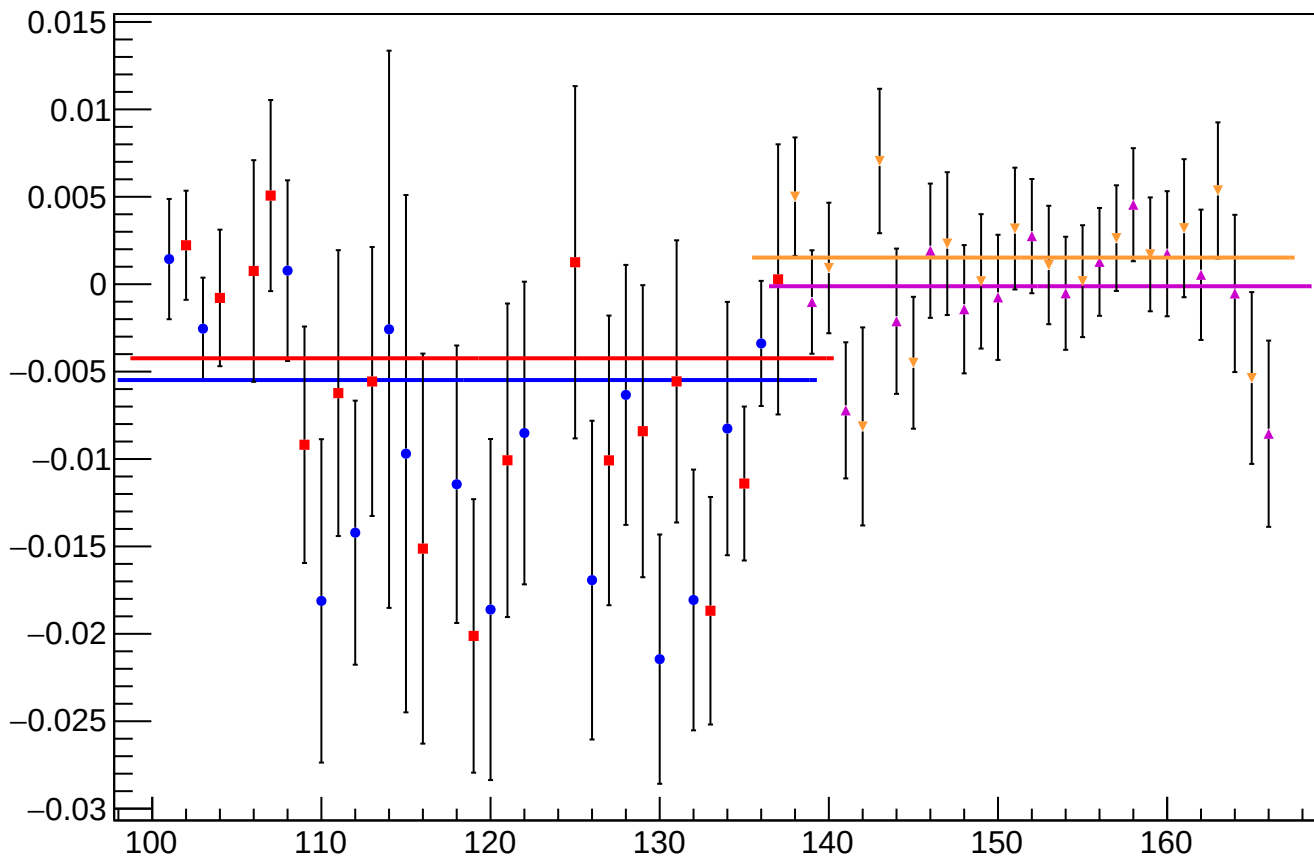
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.072 ± 0.017 $\chi^2/\text{NDF}: 35.3/29$

Out: 0.099 ± 0.017 $\chi^2/\text{NDF}: 20.9/31$

All: 0.086 ± 0.012 $\chi^2/\text{NDF}: 57.6/61$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.002 ± 0.001 χ^2/NDF : 12.2/14

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.000 ± 0.001 χ^2/NDF : 10.0/13

Left: 0.001 ± 0.001 χ^2/NDF : 23.6/28

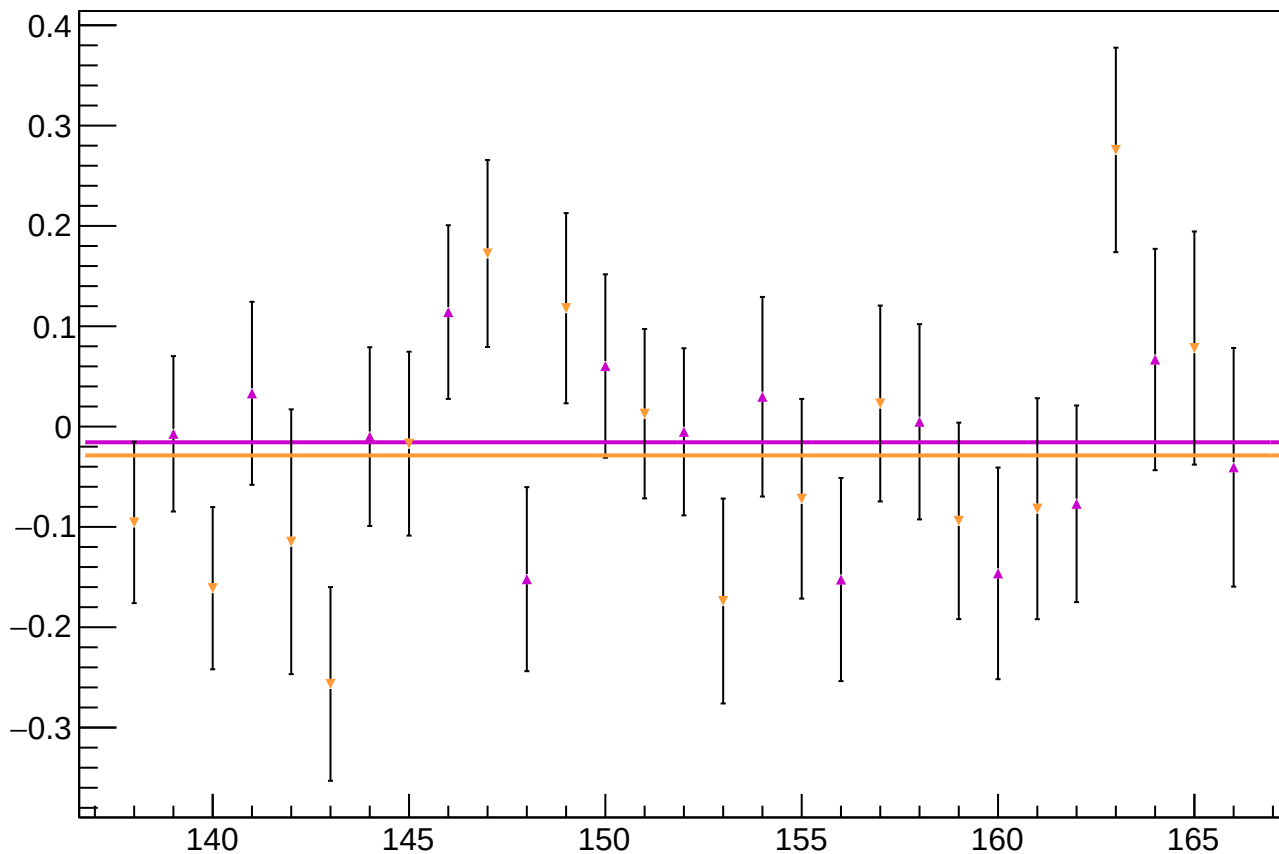
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 41.9/29

Out: -0.000 ± 0.001 χ^2/NDF : 46.6/31

All: -0.001 ± 0.001 χ^2/NDF : 90.4/61

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: -0.029 $\pm$ 0.025 χ^2 /NDF:29.6/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

Left: -0.022 $\pm$ 0.018 χ^2 /NDF: 39.8/28

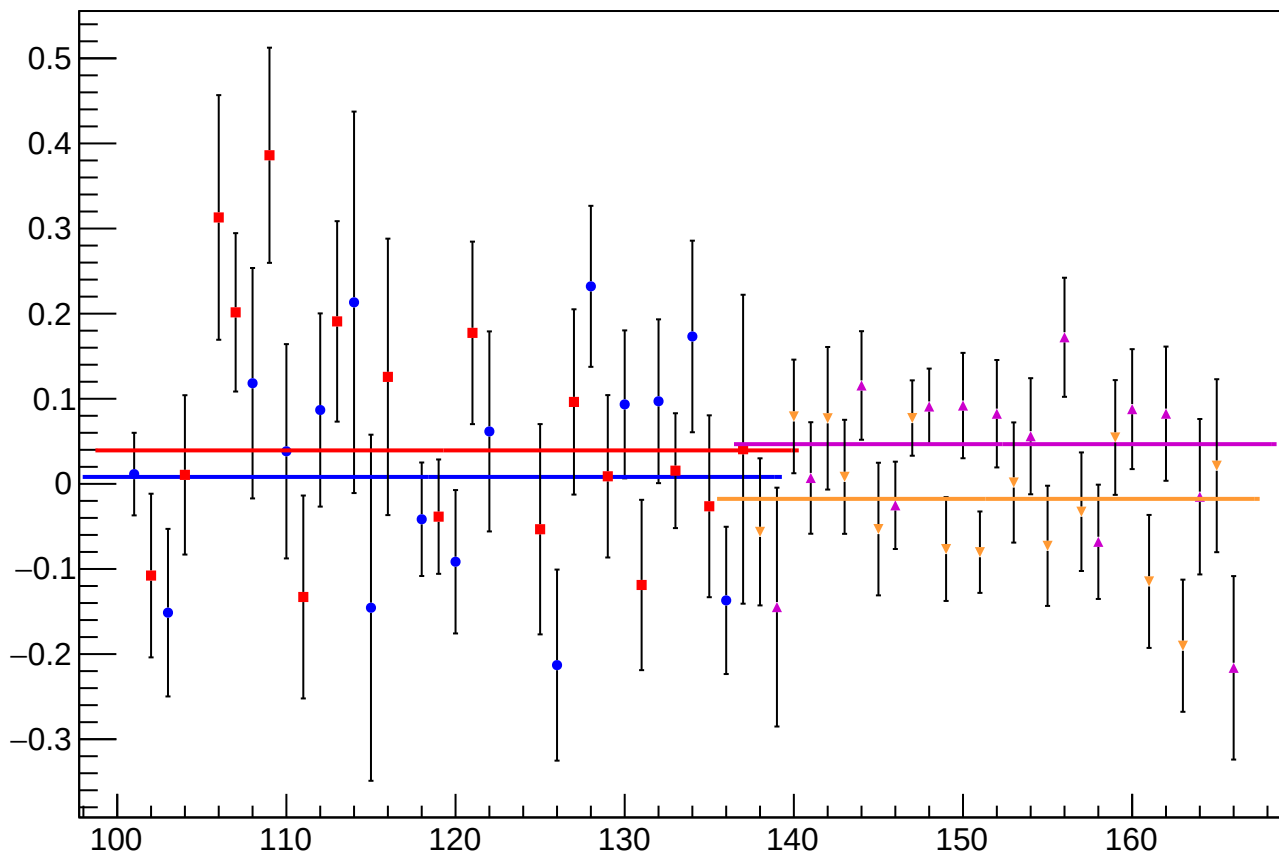
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

Out: -0.029 $\pm$ 0.025 χ^2 /NDF:29.6/14

All: -0.022 $\pm$ 0.018 χ^2 /NDF: 39.8/28

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.018 ± 0.017 $\chi^2/\text{NDF}: 19.7/14$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.047 ± 0.018 $\chi^2/\text{NDF}: 20.3/13$

Left: 0.013 ± 0.012 $\chi^2/\text{NDF}: 46.7/28$

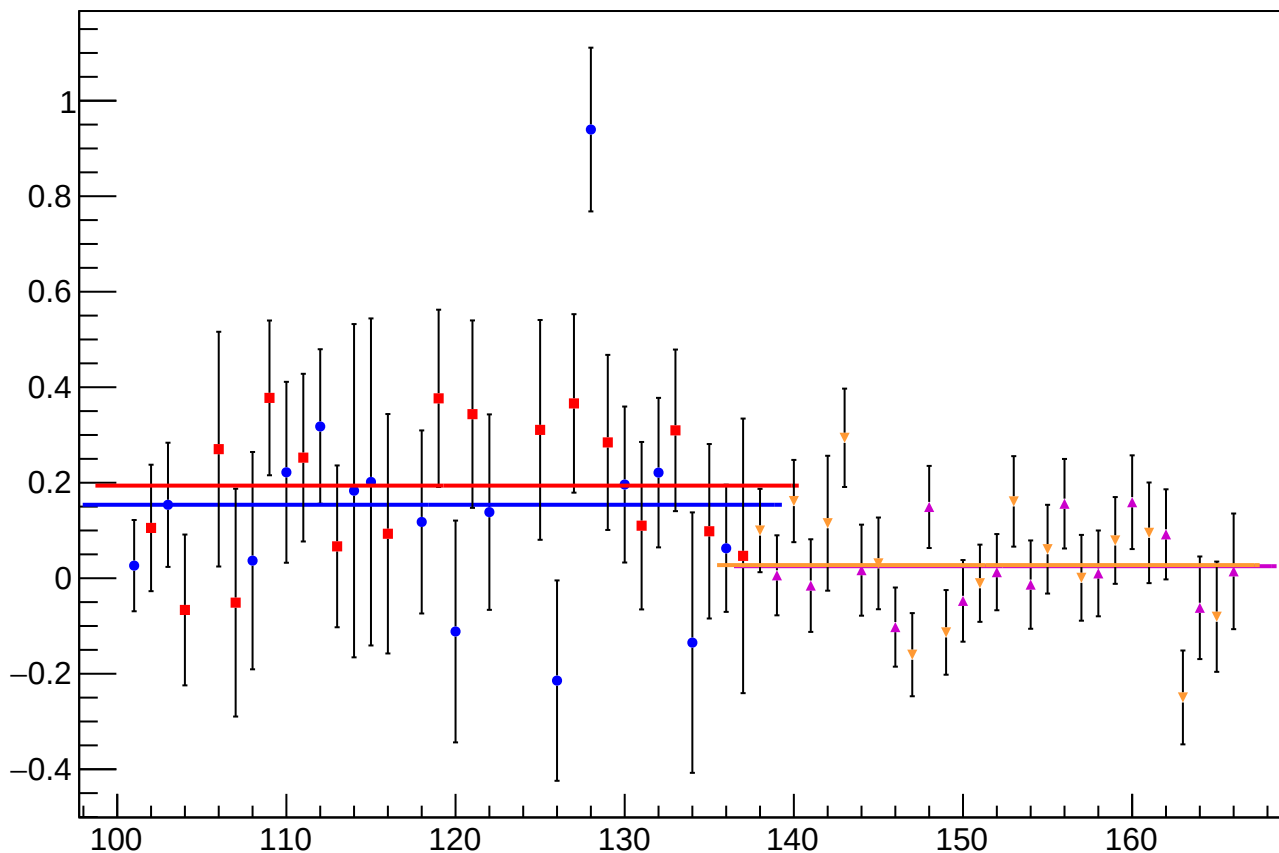
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.032 ± 0.014 $\chi^2/\text{NDF}: 45.7/29$

Out: 0.001 ± 0.014 $\chi^2/\text{NDF}: 50.8/31$

All: 0.017 ± 0.010 $\chi^2/\text{NDF}: 99.0/61$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.028 $\pm$ 0.024 χ^2 /NDF:29.4/14

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.025 $\pm$ 0.025 χ^2 /NDF:10.6/13

Left: 0.026 $\pm$ 0.017 χ^2 /NDF: 40.0/28

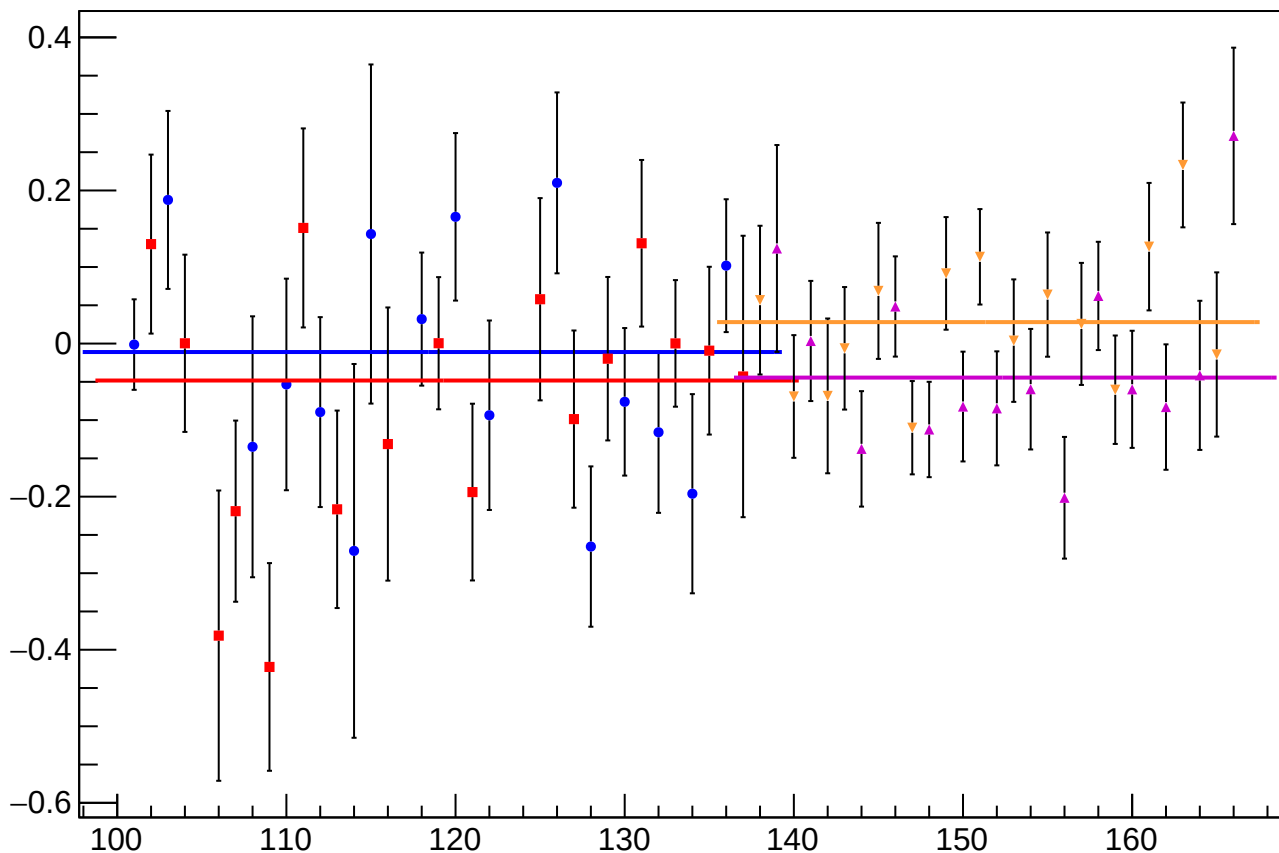
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.057 $\pm$ 0.021 χ^2 /NDF:47.9/29

Out: 0.065 $\pm$ 0.021 χ^2 /NDF:50.5/31

All: 0.061 $\pm$ 0.015 χ^2 /NDF: 98.5/61

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.028 ± 0.020 χ^2/NDF : 20.3/14

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.044 ± 0.021 χ^2/NDF : 21.2/13

Left: -0.007 ± 0.015 χ^2/NDF : 47.7/28

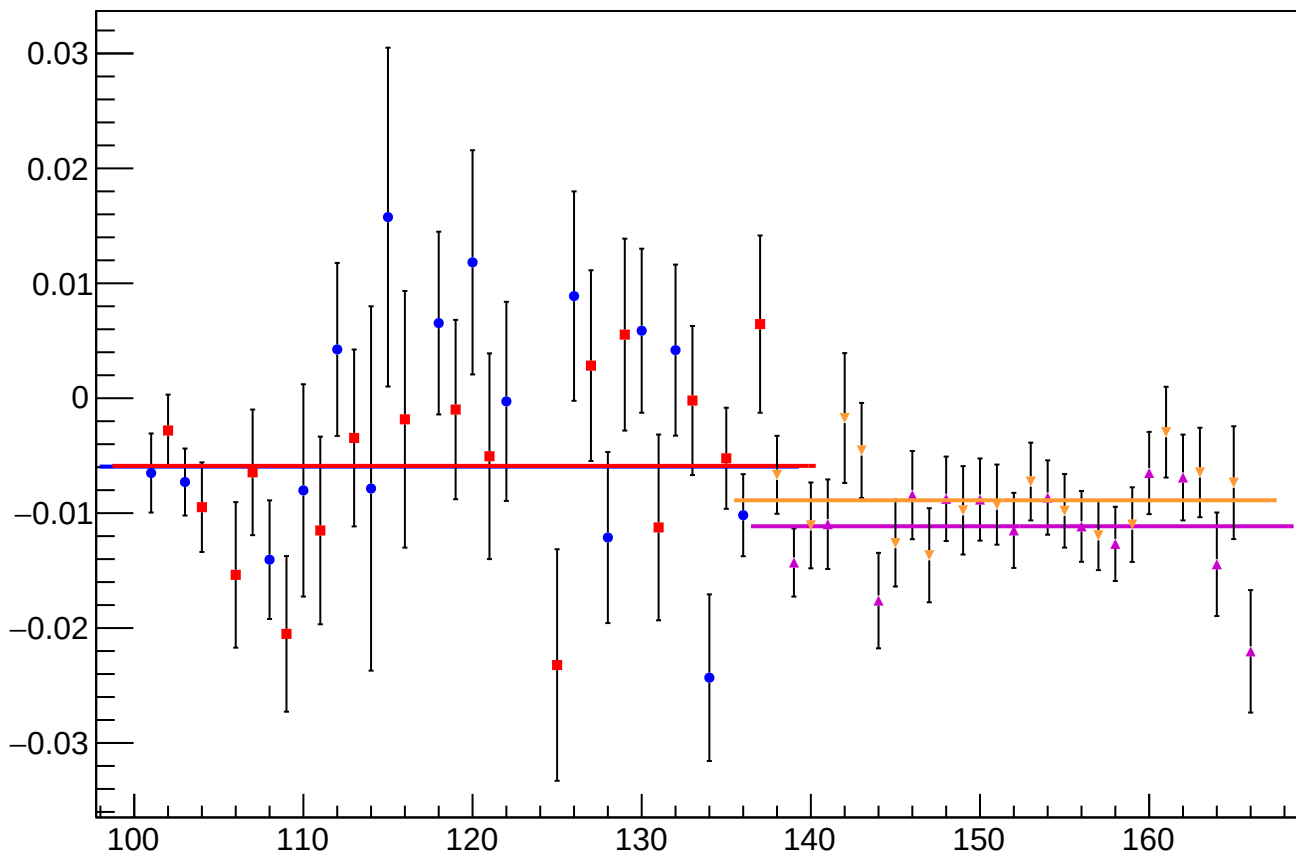
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.032 ± 0.017 χ^2/NDF : 45.6/29

Out: 0.002 ± 0.017 χ^2/NDF : 50.6/31

All: -0.015 ± 0.012 χ^2/NDF : 98.3/61

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 : 10.4/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 13.4/13

Left: -0.010 ± 0.001 χ^2/NDF : 26.6/28

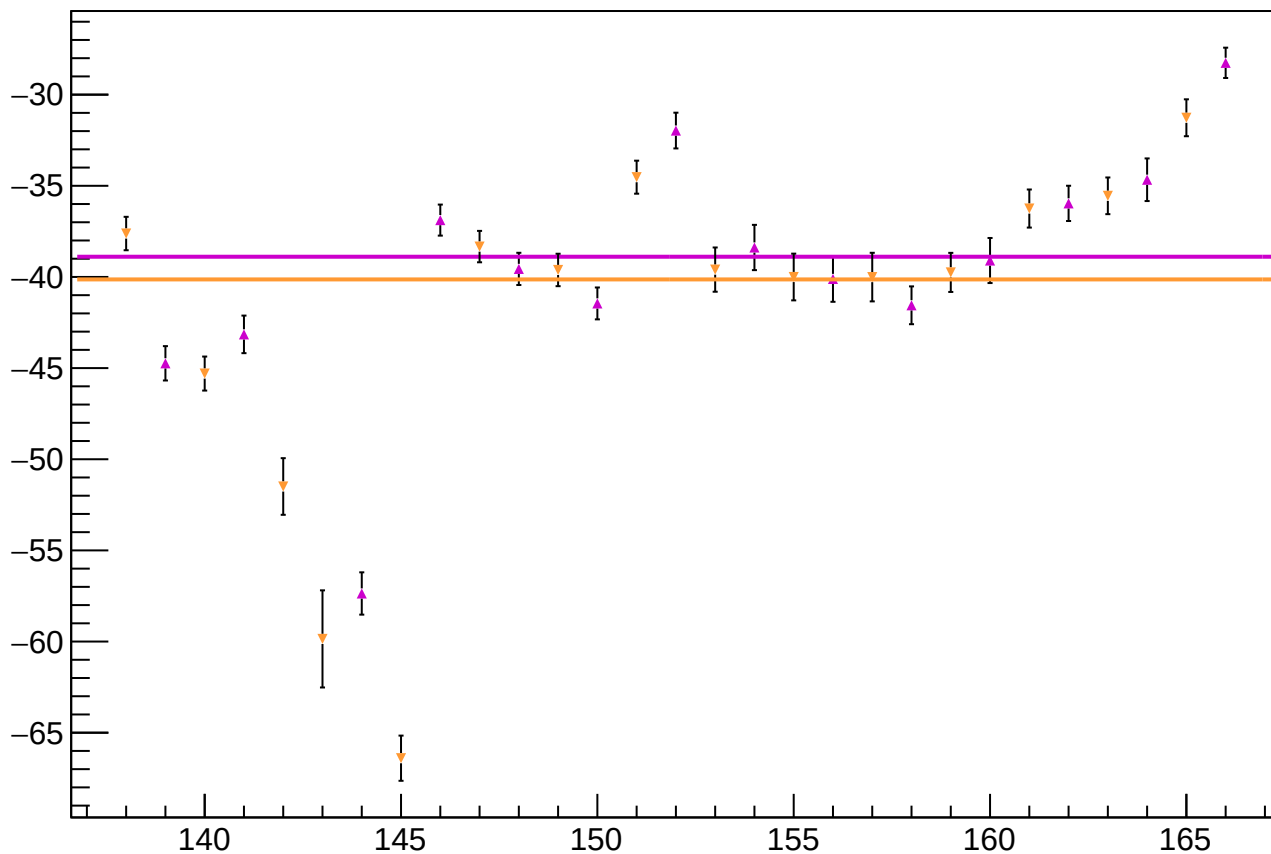
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.010 ± 0.001 χ^2/NDF : 51.2/29

Out: -0.008 ± 0.001 χ^2/NDF : 32.9/31

All: -0.009 ± 0.001 χ^2/NDF : 85.9/61

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



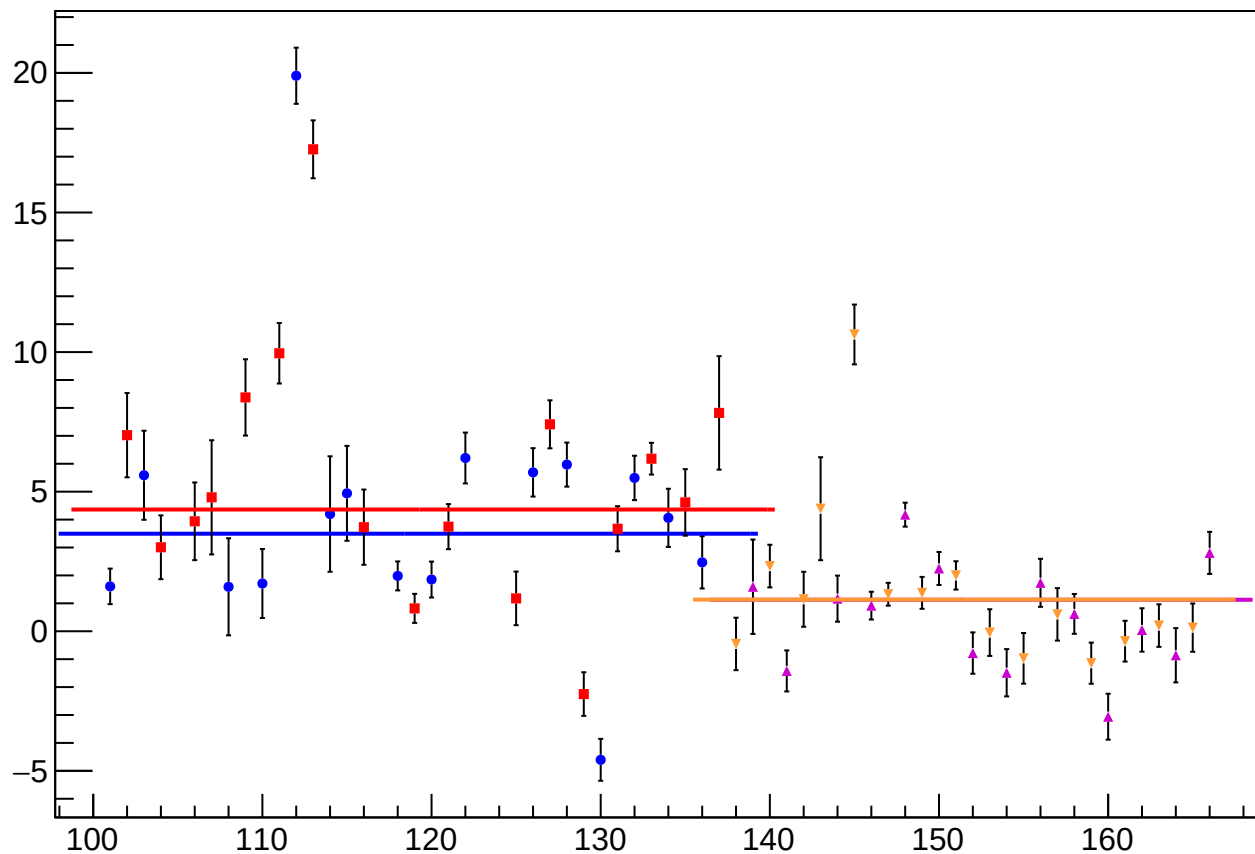
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.136+/-0.278 χ^2/NDF : 750.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.891+/-0.268 χ^2/NDF : 567.2/13

Left: -39.491+/-0.193 χ^2/NDF : 1327.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.891+/-0.268 χ^2/NDF : 567.2/13
 Out: -40.136+/-0.278 χ^2/NDF : 750.0/14

All: -39.491+/-0.193 χ^2/NDF : 1327.6/28

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: 1.133 ± 0.187 χ^2/NDF : 114.6/14

Right Out: 4.360 ± 0.225 χ^2/NDF : 351.0/16

Left In: 1.128 ± 0.187 χ^2/NDF : 120.6/13

Left: 1.131 ± 0.132 χ^2/NDF : 235.1/28

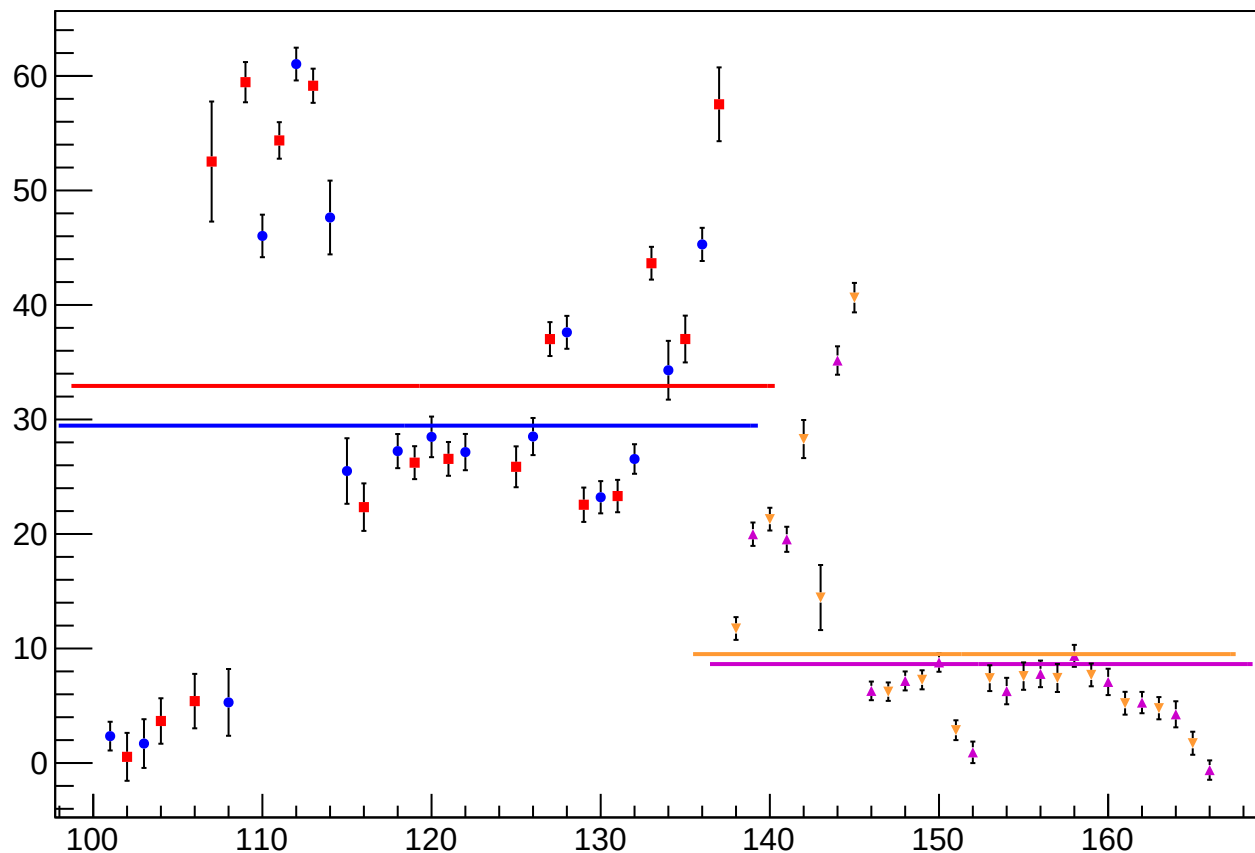
Right: 3.912 ± 0.157 χ^2/NDF : 803.5/32

In: 2.135 ± 0.142 χ^2/NDF : 633.3/29

Out: 2.451 ± 0.144 χ^2/NDF : 586.9/31

All: 2.291 ± 0.101 χ^2/NDF : 1222.6/61

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2 /NDF: 1491.6/15

Left Out: 9.510+/-0.271 χ^2 /NDF:1059.3/14

Right Out: 32.930+/-0.423 χ^2 /NDF: 1624.4/16

Left In: 8.641+/-0.261 χ^2 /NDF:912.1/13

Left: 9.060+/-0.188 χ^2 /NDF: 1976.7/28

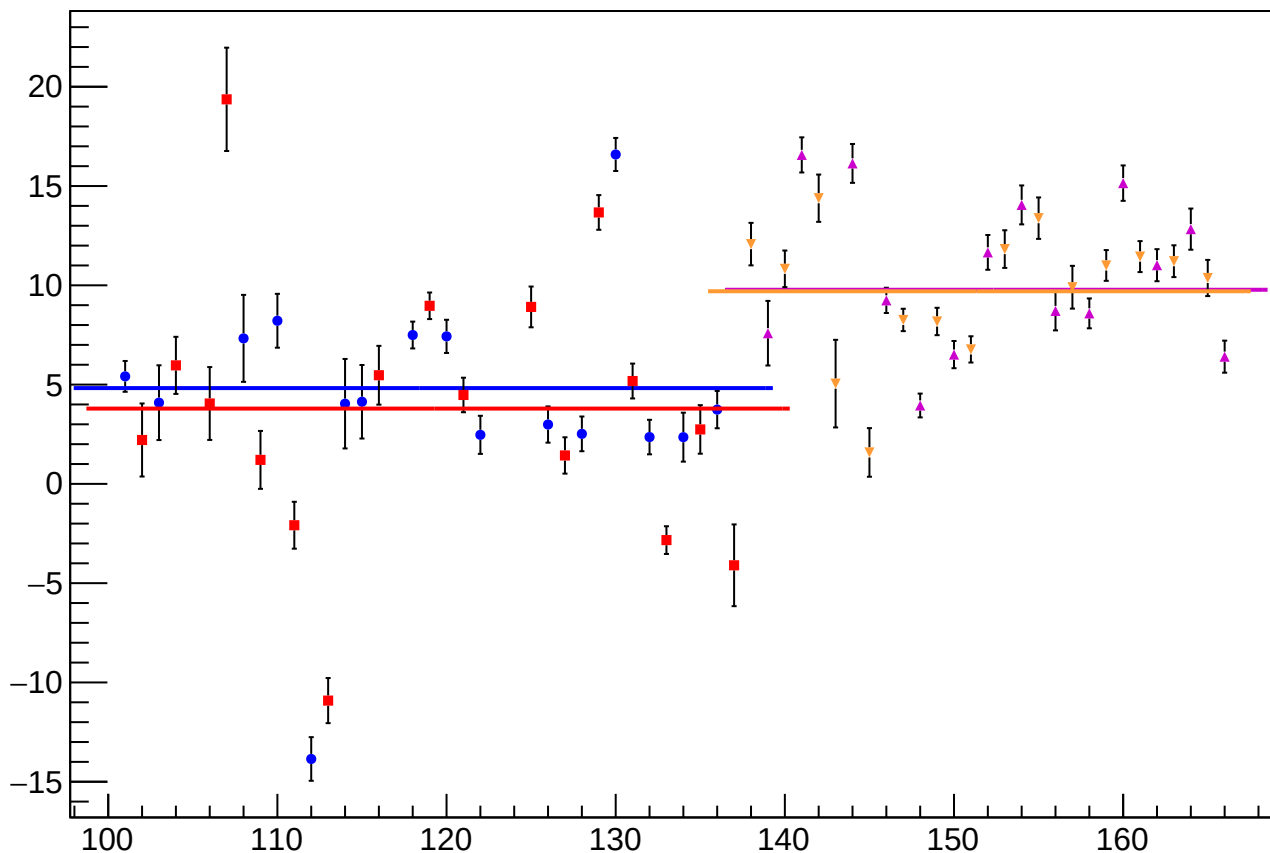
Right: 31.172+/-0.297 χ^2 /NDF: 3150.0/32

In: 14.487+/-0.221 χ^2 /NDF:4192.5/29

Out: 16.298+/-0.228 χ^2 /NDF:4855.4/31

All: 15.365+/-0.159 χ^2 /NDF: 9080.4/61

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.701 $\pm$ 0.223 χ^2 /NDF:130.8/14

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.776 $\pm$ 0.221 χ^2 /NDF:313.0/13

Left: 9.739 $\pm$ 0.157 χ^2 /NDF: 443.8/28

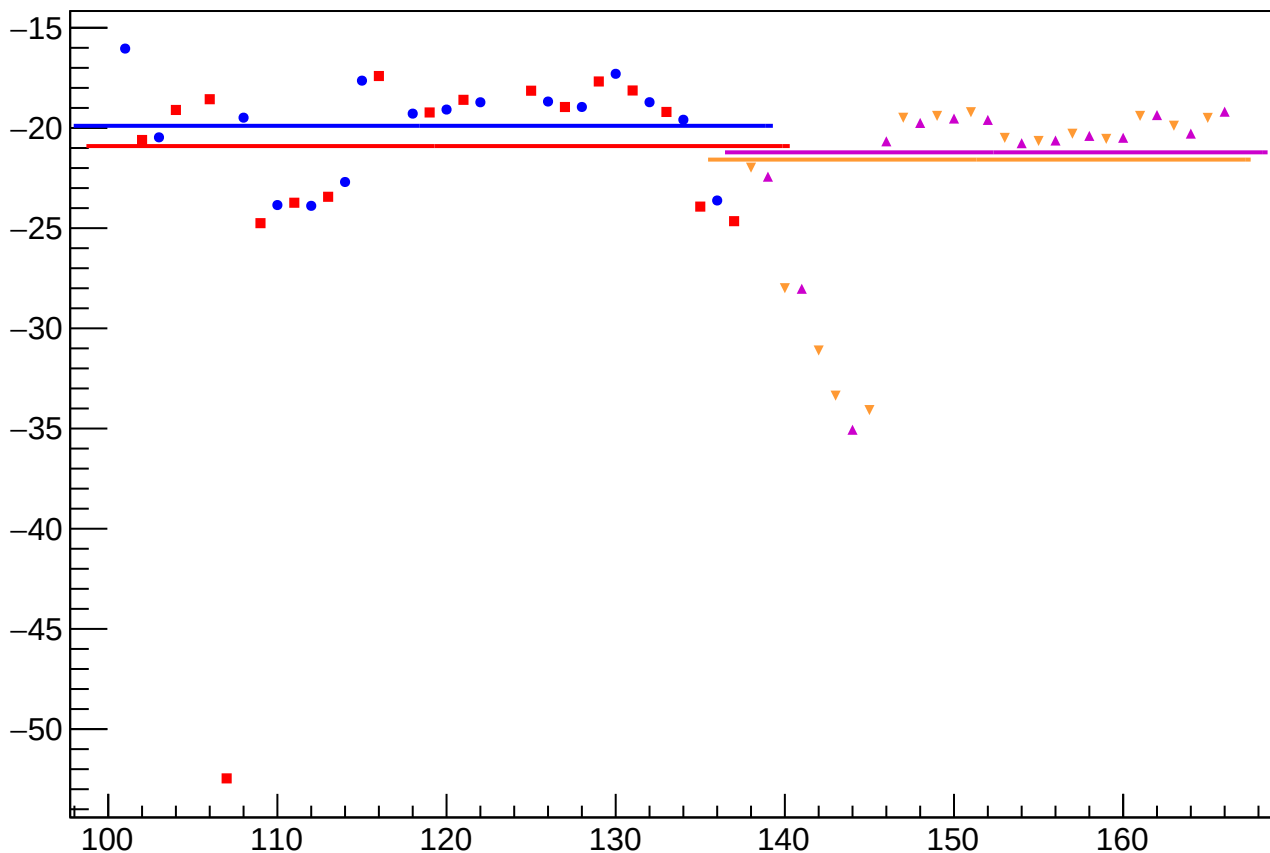
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.622 $\pm$ 0.166 χ^2 /NDF:1084.6/29

Out: 7.187 $\pm$ 0.169 χ^2 /NDF:993.5/31

All: 7.408 $\pm$ 0.118 χ^2 /NDF: 2081.5/61

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.578 ± 0.011 χ^2/NDF : 134861.6/14

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.216 ± 0.010 χ^2/NDF : 102631.0/13

Left: -21.391 ± 0.007 χ^2/NDF : 238077.3/28

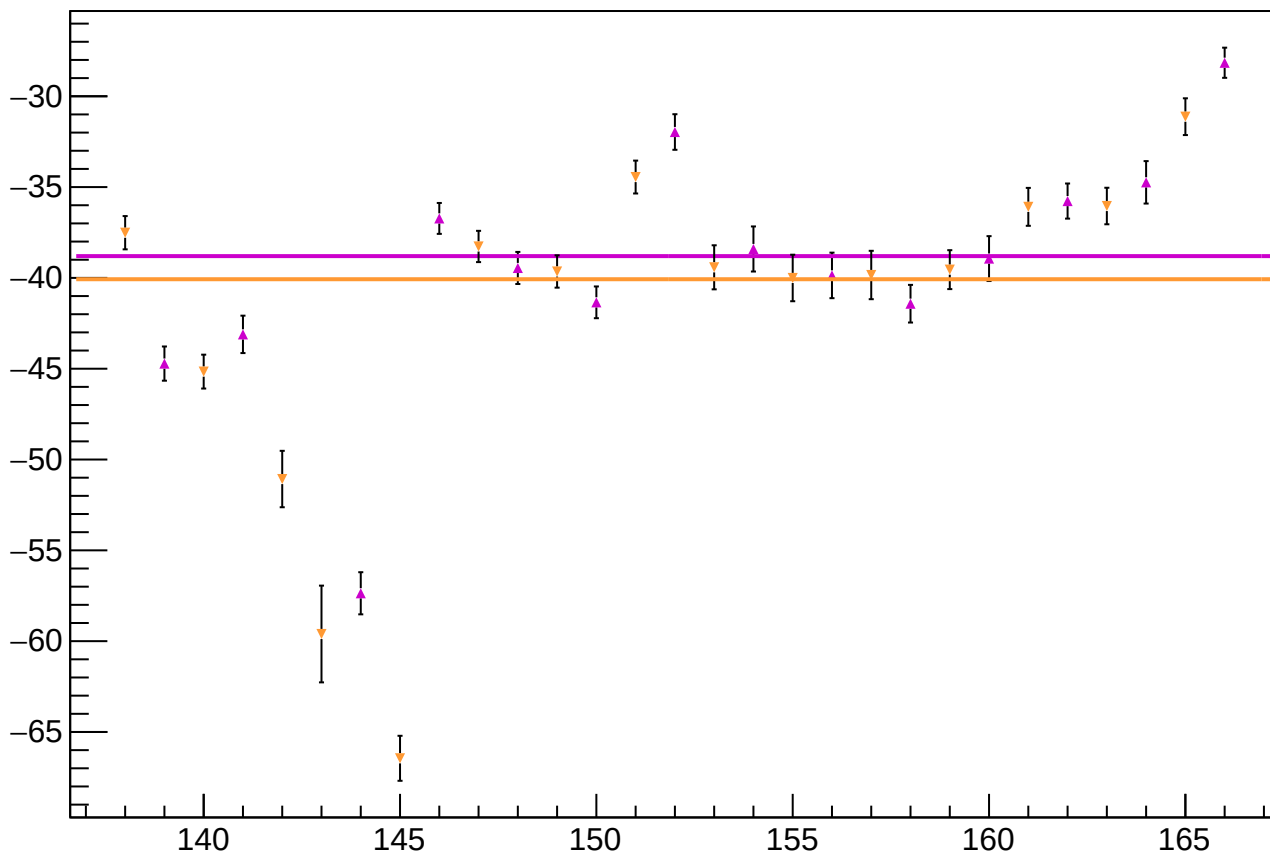
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -20.808 ± 0.009 χ^2/NDF : 133714.0/29

Out: -21.363 ± 0.009 χ^2/NDF : 228916.3/31

All: -21.078 ± 0.006 χ^2/NDF : 364629.3/61

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: -40.073+/-0.277 χ^2/NDF : 747.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.801+/-0.268 χ^2/NDF : 570.4/13

Left: -39.414+/-0.193 χ^2/NDF : 1328.8/28

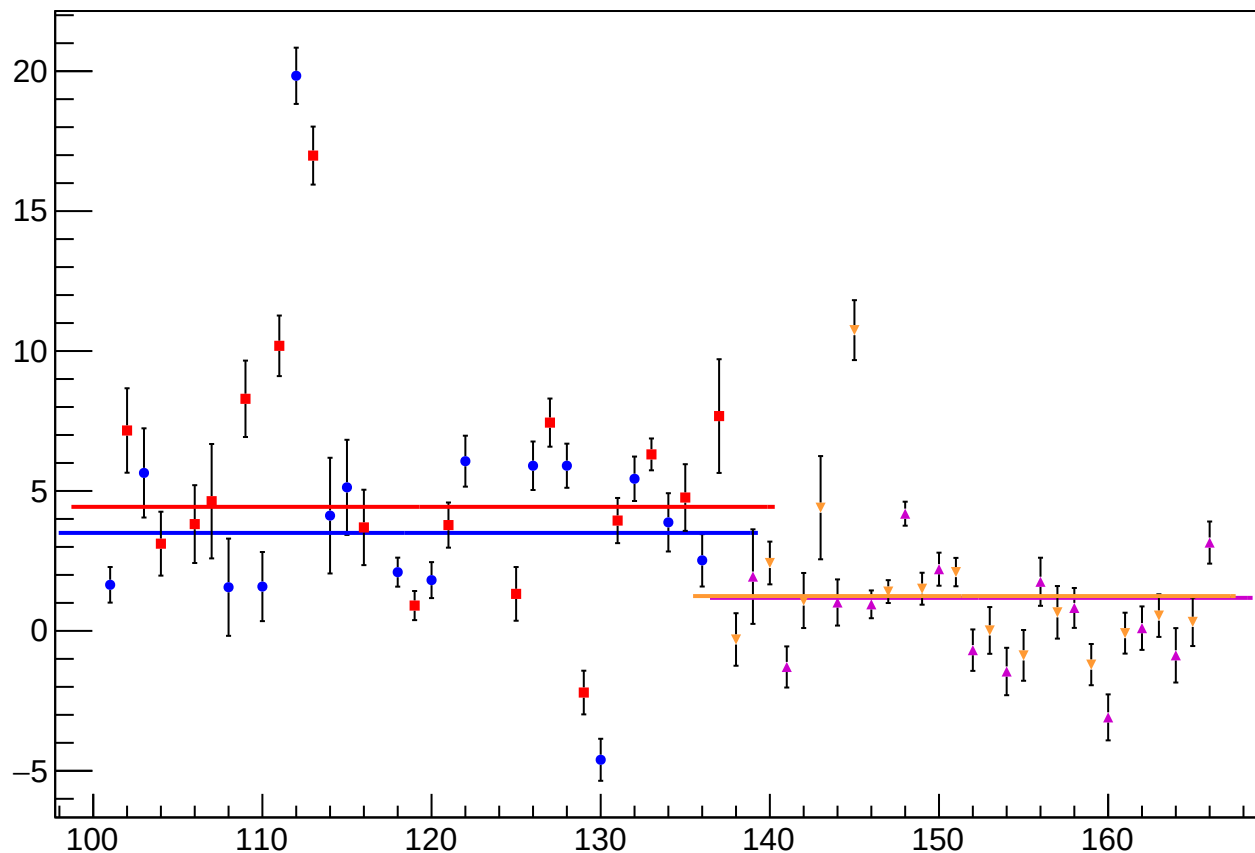
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.801+/-0.268 χ^2/NDF : 570.4/13

Out: -40.073+/-0.277 χ^2/NDF : 747.6/14

All: -39.414+/-0.193 χ^2/NDF : 1328.8/28

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.244 $\pm$ 0.187 χ^2 /NDF:114.4/14

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.180 $\pm$ 0.187 χ^2 /NDF:121.0/13

Left: 1.212 $\pm$ 0.132 χ^2 /NDF: 235.5/28

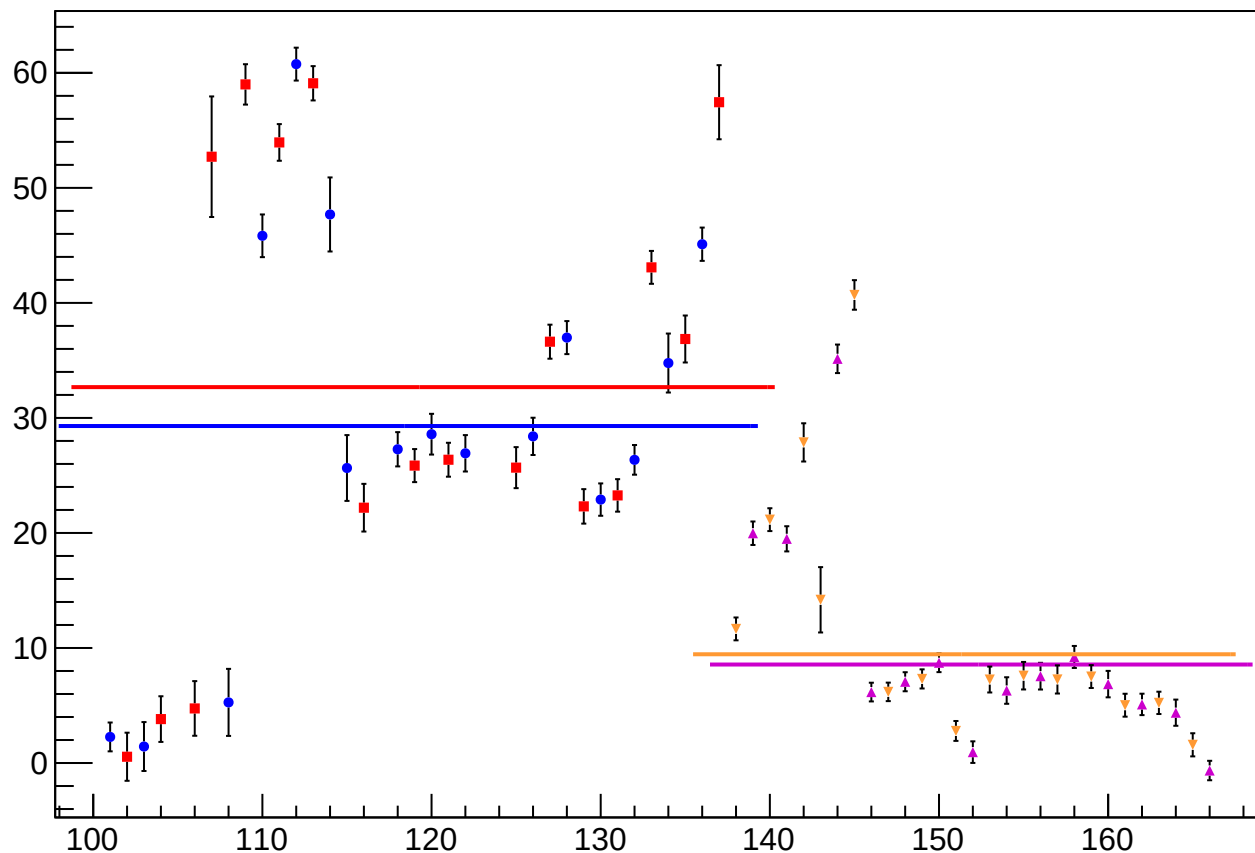
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.168 $\pm$ 0.142 χ^2 /NDF:628.3/29

Out: 2.546 $\pm$ 0.144 χ^2 /NDF:576.6/31

All: 2.354 $\pm$ 0.101 χ^2 /NDF: 1208.4/61

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 9.454 $\pm$ 0.270 χ^2 /NDF:1055.9/14

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 8.562 $\pm$ 0.261 χ^2 /NDF:915.4/13

Left: 8.991 $\pm$ 0.188 χ^2 /NDF: 1976.9/28

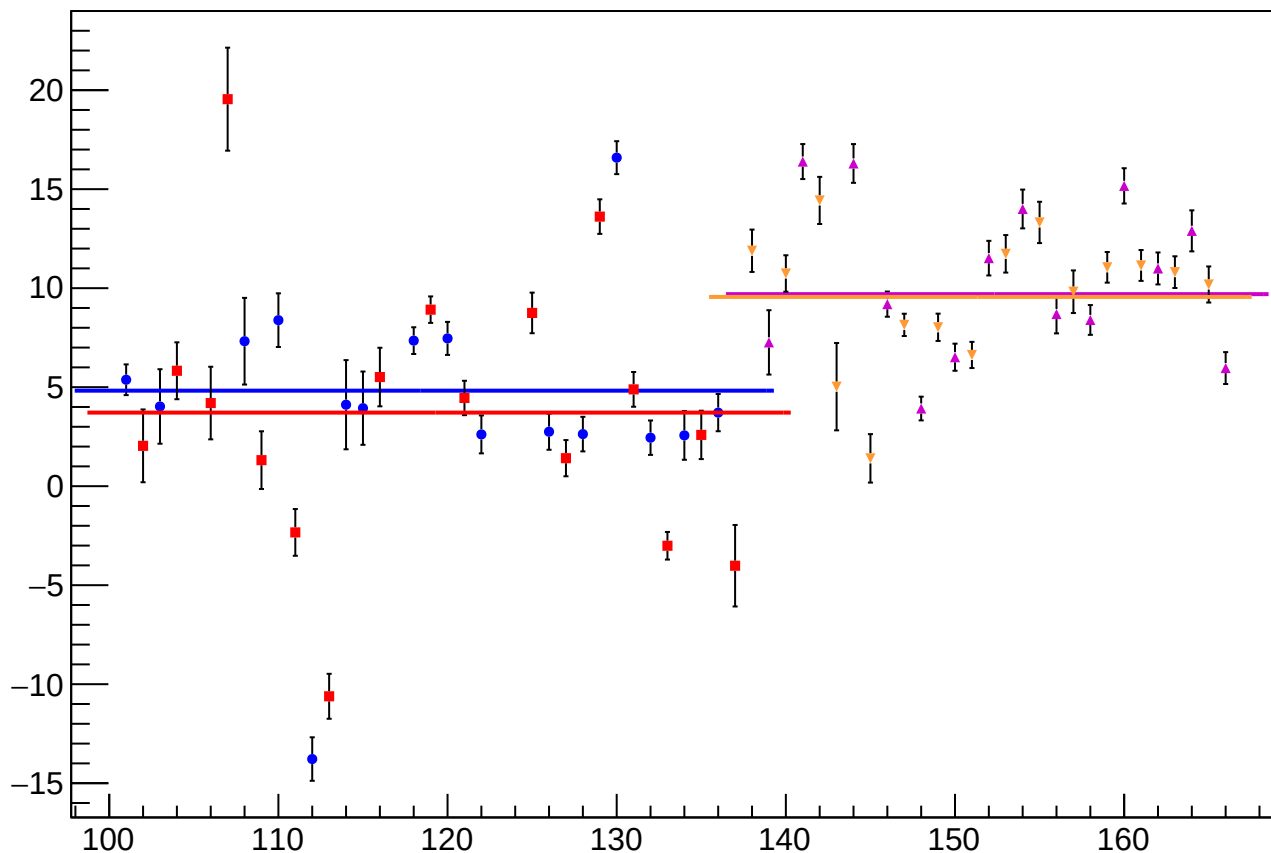
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 14.383 $\pm$ 0.221 χ^2 /NDF:4176.9/29

Out: 16.186 $\pm$ 0.228 χ^2 /NDF:4809.4/31

All: 15.258 $\pm$ 0.159 χ^2 /NDF: 9018.6/61

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.559 ± 0.223 $\chi^2/\text{NDF}: 131.8/14$

Right Out: 3.716 ± 0.259 $\chi^2/\text{NDF}: 559.9/16$

Left In: 9.699 ± 0.221 $\chi^2/\text{NDF}: 319.2/13$

Left: 9.630 ± 0.157 $\chi^2/\text{NDF}: 451.2/28$

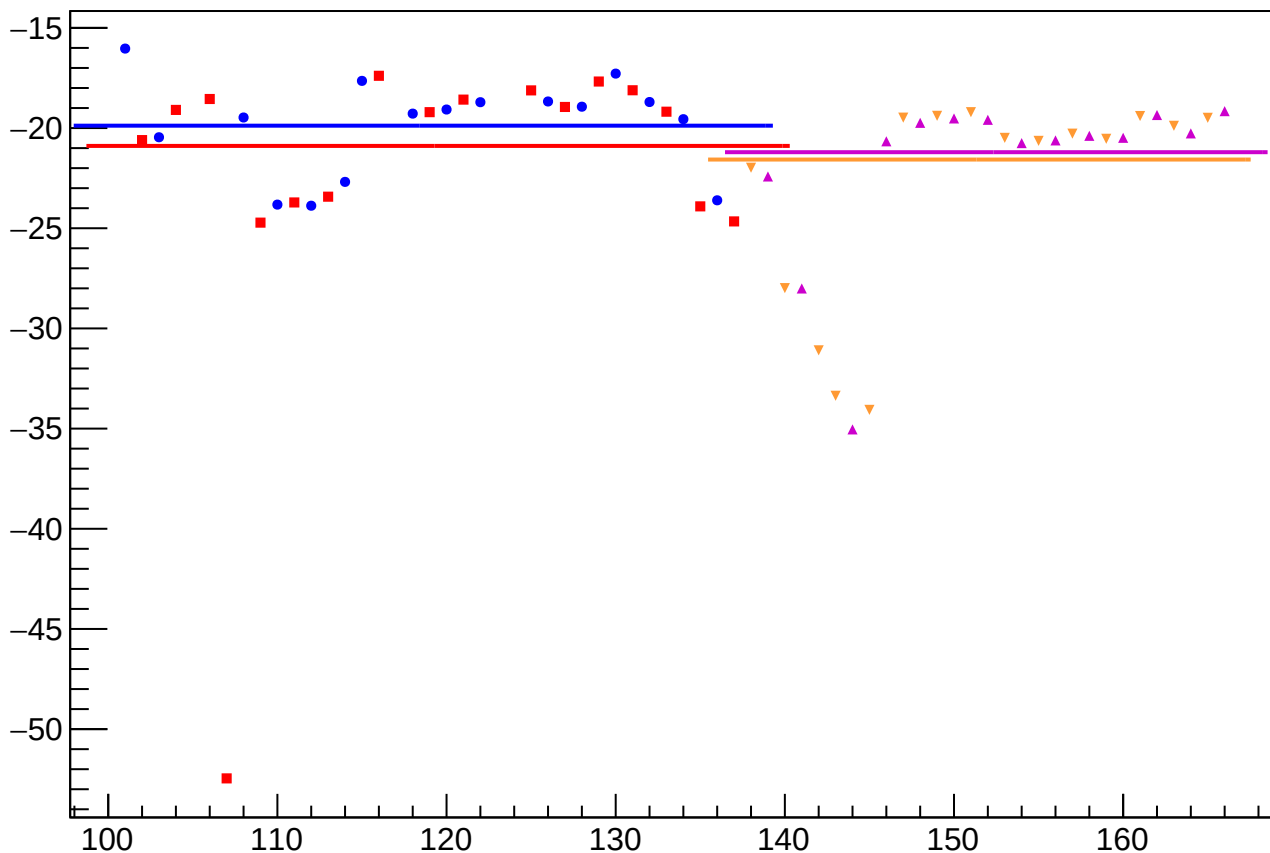
Right: 4.286 ± 0.180 $\chi^2/\text{NDF}: 1118.6/32$

In: 7.578 ± 0.166 $\chi^2/\text{NDF}: 1080.6/29$

Out: 7.073 ± 0.169 $\chi^2/\text{NDF}: 984.7/31$

All: 7.330 ± 0.118 $\chi^2/\text{NDF}: 2069.9/61$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -21.571 ± 0.011 χ^2/NDF : 134929.7/14

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -21.204 ± 0.010 χ^2/NDF : 102638.8/13

Left: -21.381 ± 0.007 χ^2/NDF : 238169.4/28

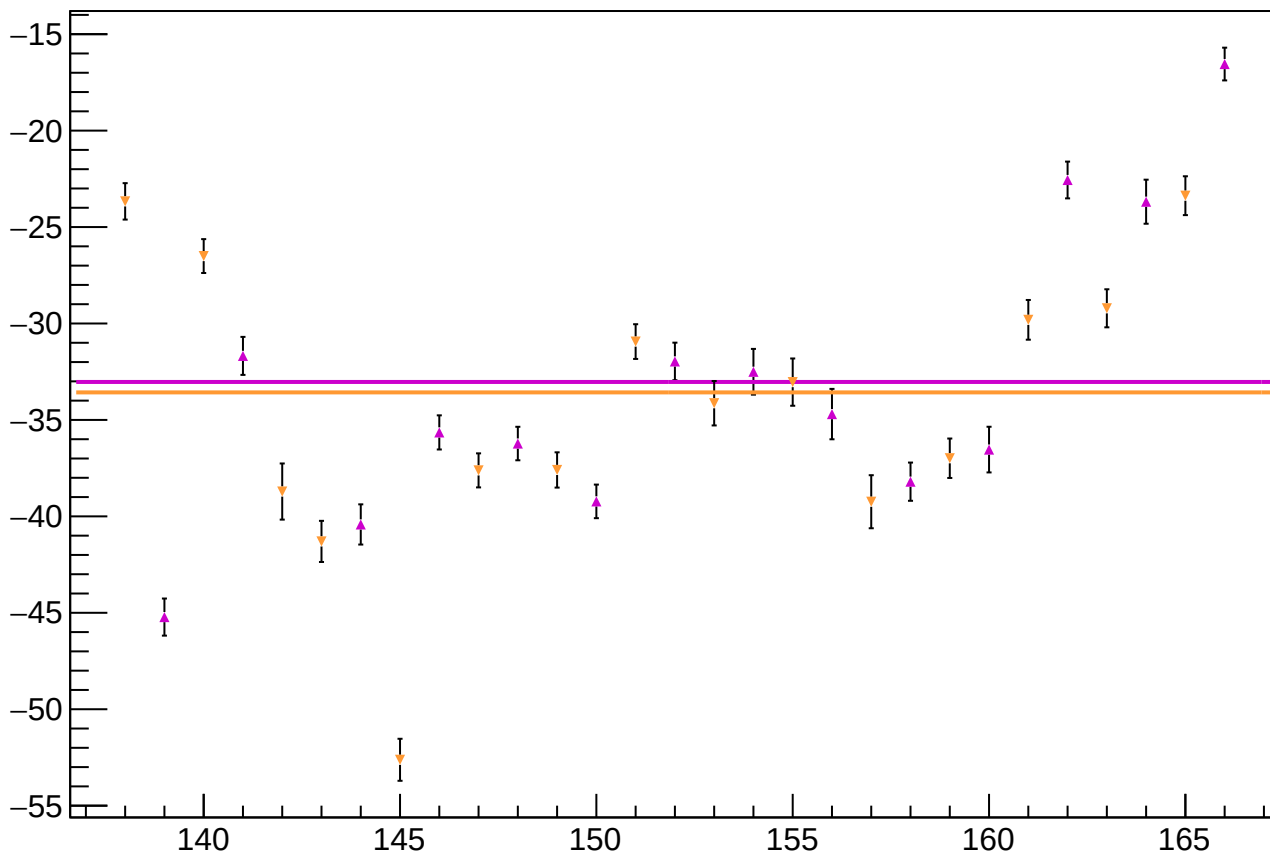
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -20.796 ± 0.009 χ^2/NDF : 133716.9/29

Out: -21.354 ± 0.009 χ^2/NDF : 229117.9/31

All: -21.067 ± 0.006 χ^2/NDF : 364857.3/61

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



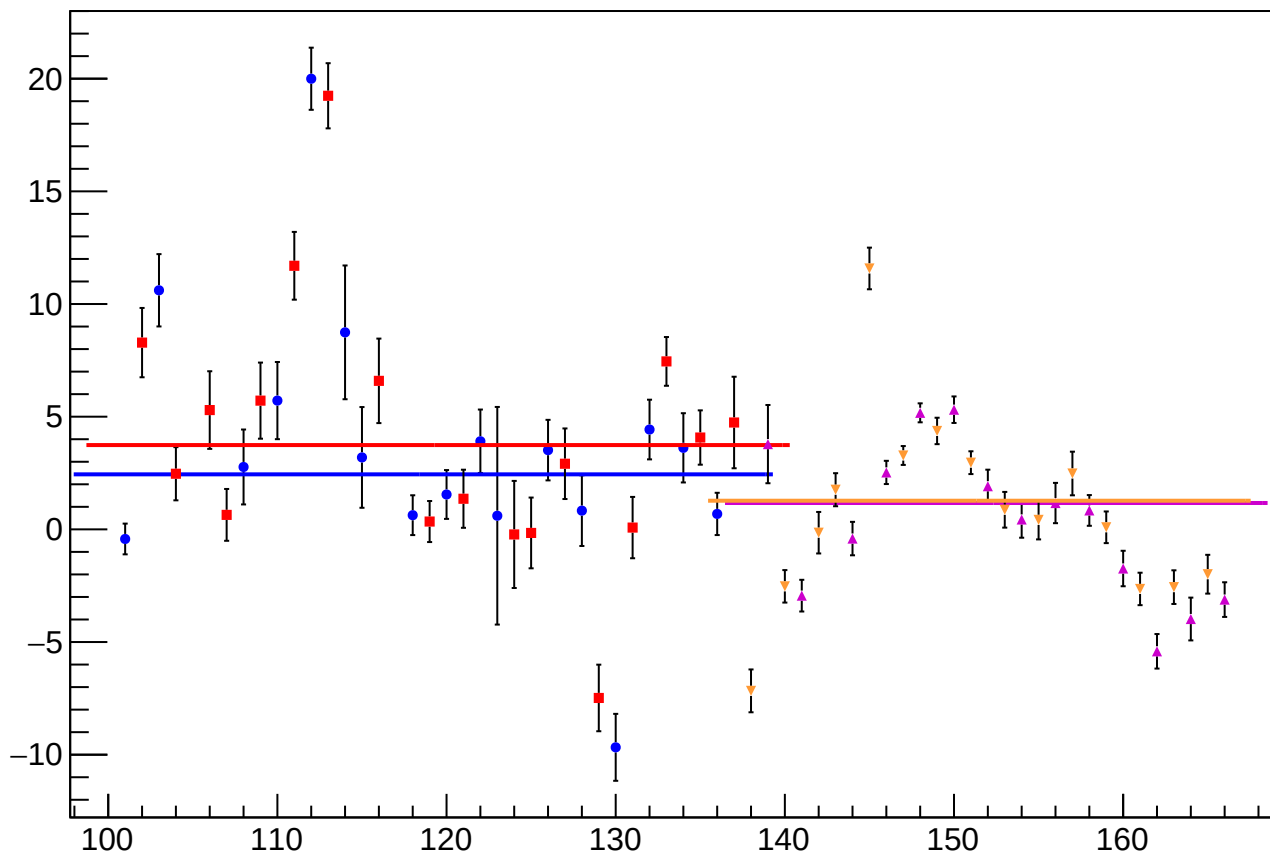
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.573+/-0.265 χ^2/NDF : 758.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.031+/-0.265 χ^2/NDF : 889.3/13

Left: -33.301+/-0.187 χ^2/NDF : 1649.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.031+/-0.265 χ^2/NDF : 889.3/13
 Out: -33.573+/-0.265 χ^2/NDF : 758.5/14

All: -33.301+/-0.187 χ^2/NDF : 1649.9/28

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.271 ± 0.180 χ^2/NDF : 371.7/14

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 1.170 ± 0.185 χ^2/NDF : 337.7/13

Left: 1.222 ± 0.129 χ^2/NDF : 709.6/28

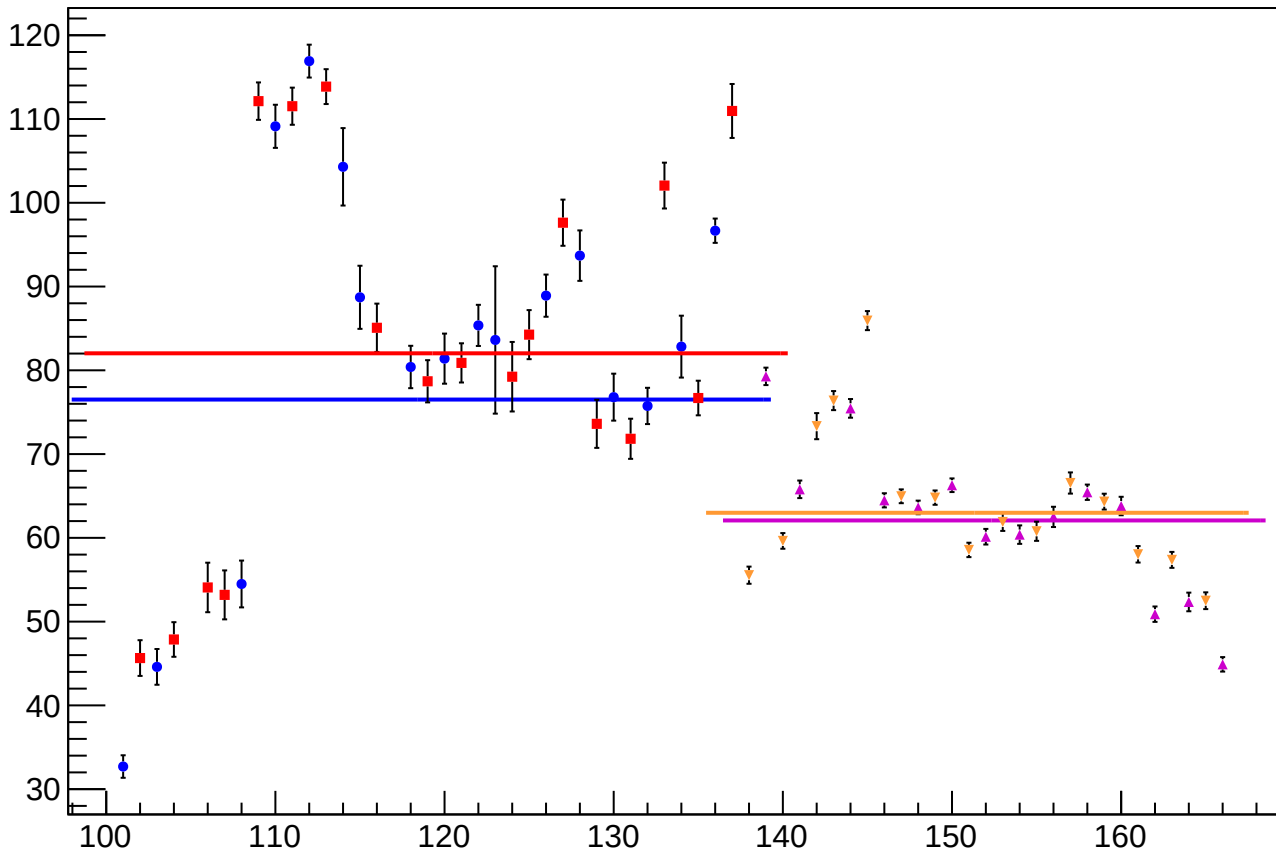
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 1.501 ± 0.159 χ^2/NDF : 644.7/30

Out: 1.846 ± 0.158 χ^2/NDF : 683.7/32

All: 1.675 ± 0.112 χ^2/NDF : 1330.8/63

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 62.992 $\pm$ 0.260 χ^2 /NDF:877.3/14

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 62.077 $\pm$ 0.258 χ^2 /NDF:1110.9/13

Left: 62.530 $\pm$ 0.183 χ^2 /NDF: 1994.4/28

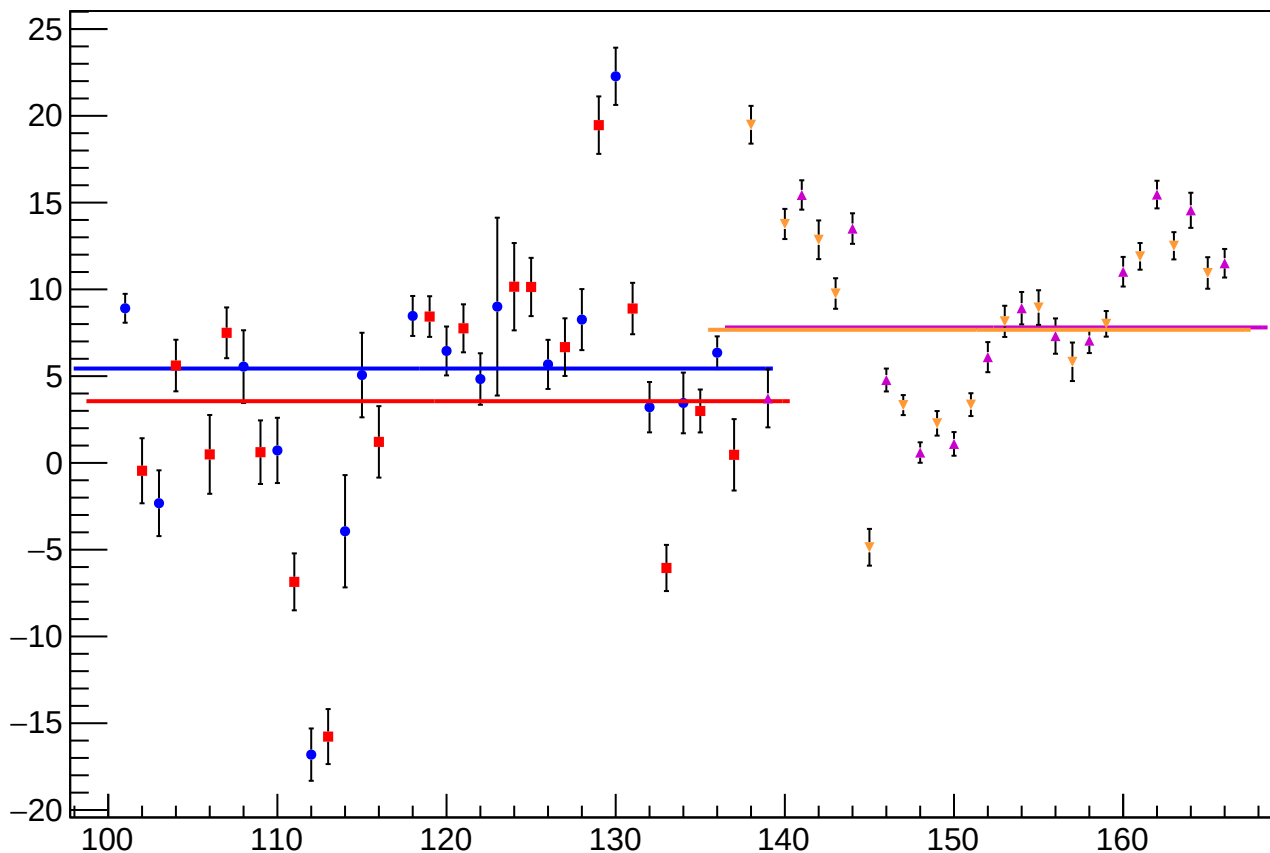
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 64.496 $\pm$ 0.235 χ^2 /NDF:3887.7/30

Out: 66.070 $\pm$ 0.238 χ^2 /NDF:3290.3/32

All: 65.273 $\pm$ 0.167 χ^2 /NDF: 7200.2/63

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2/NDF : 386.2/16

Left Out: 7.672 $\pm$ 0.214 χ^2/NDF : 578.3/14

Right Out: 3.557 $\pm$ 0.375 χ^2/NDF : 420.6/17

Left In: 7.806 $\pm$ 0.217 χ^2/NDF : 574.8/13

Left: 7.738 $\pm$ 0.152 χ^2/NDF : 1153.4/28

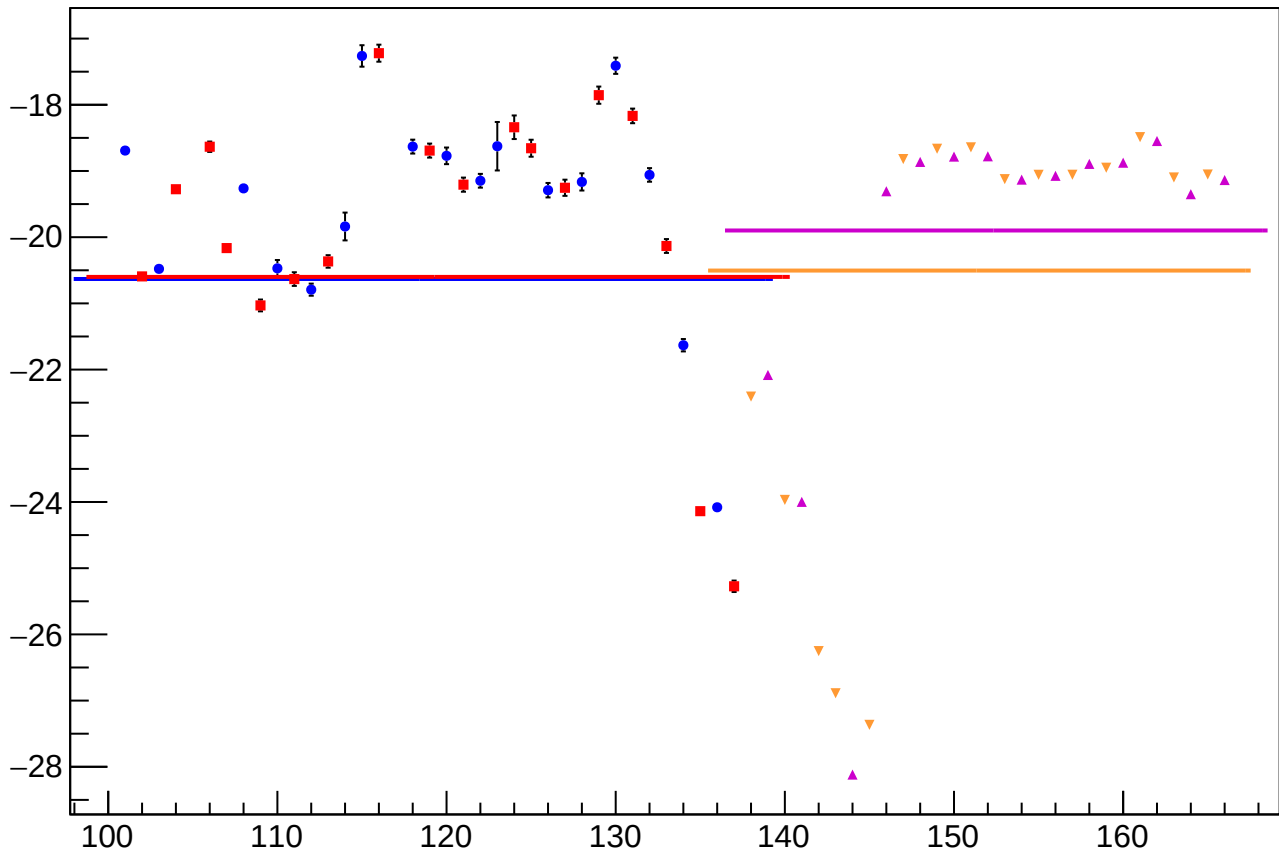
Right: 4.542 $\pm$ 0.259 χ^2/NDF : 819.9/34

In: 7.167 $\pm$ 0.186 χ^2/NDF : 993.0/30

Out: 6.663 $\pm$ 0.186 χ^2/NDF : 1089.7/32

All: 6.915 $\pm$ 0.131 χ^2/NDF : 2086.4/63

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.504 ± 0.010 $\chi^2/\text{NDF}: 78969.2/14$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.899 ± 0.010 $\chi^2/\text{NDF}: 48657.8/13$

Left: -20.199 ± 0.007 $\chi^2/\text{NDF}: 129348.0/28$

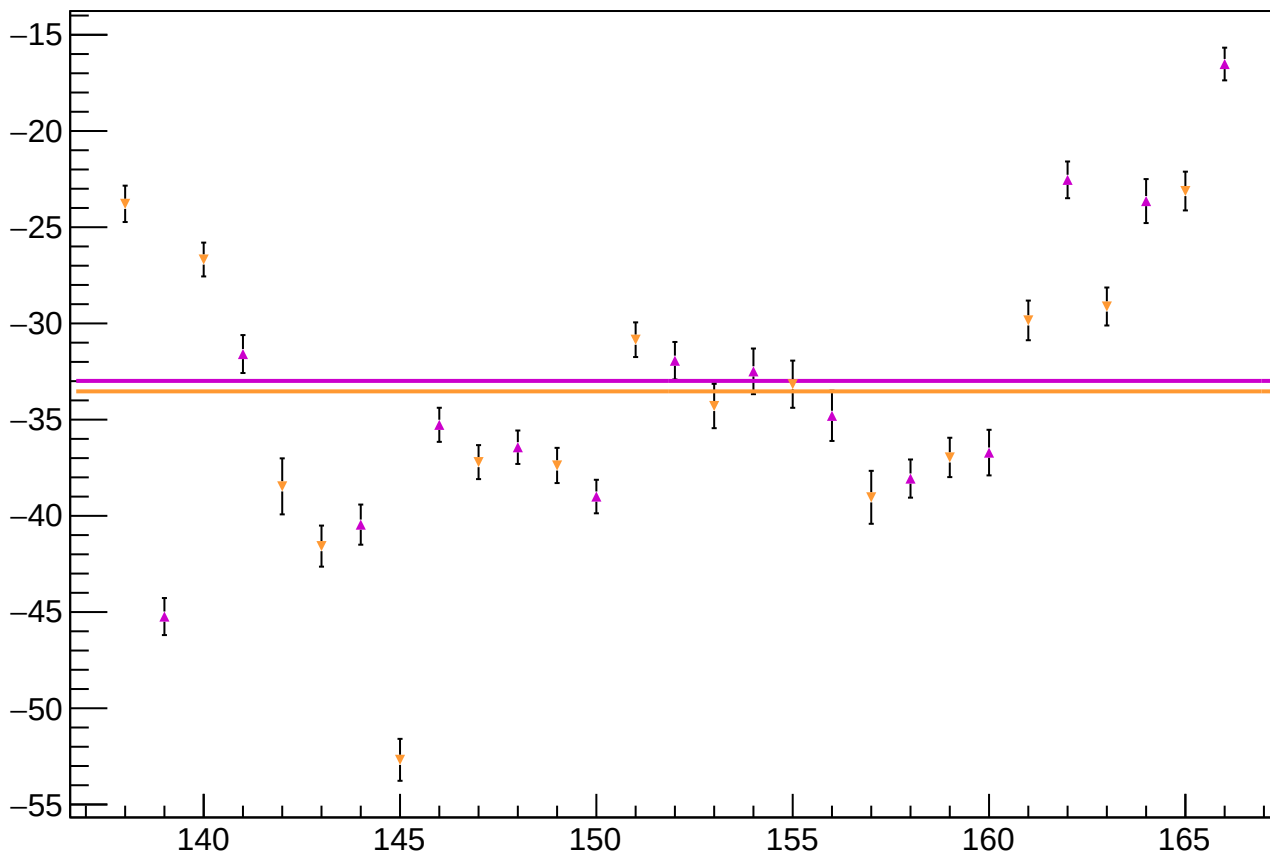
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -20.061 ± 0.009 $\chi^2/\text{NDF}: 62282.6/30$

Out: -20.525 ± 0.009 $\chi^2/\text{NDF}: 90961.9/32$

All: -20.291 ± 0.006 $\chi^2/\text{NDF}: 154546.0/63$

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: -33.531+/-0.266 χ^2/NDF : 755.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.987+/-0.265 χ^2/NDF : 887.1/13

Left: -33.258+/-0.188 χ^2/NDF : 1644.6/28

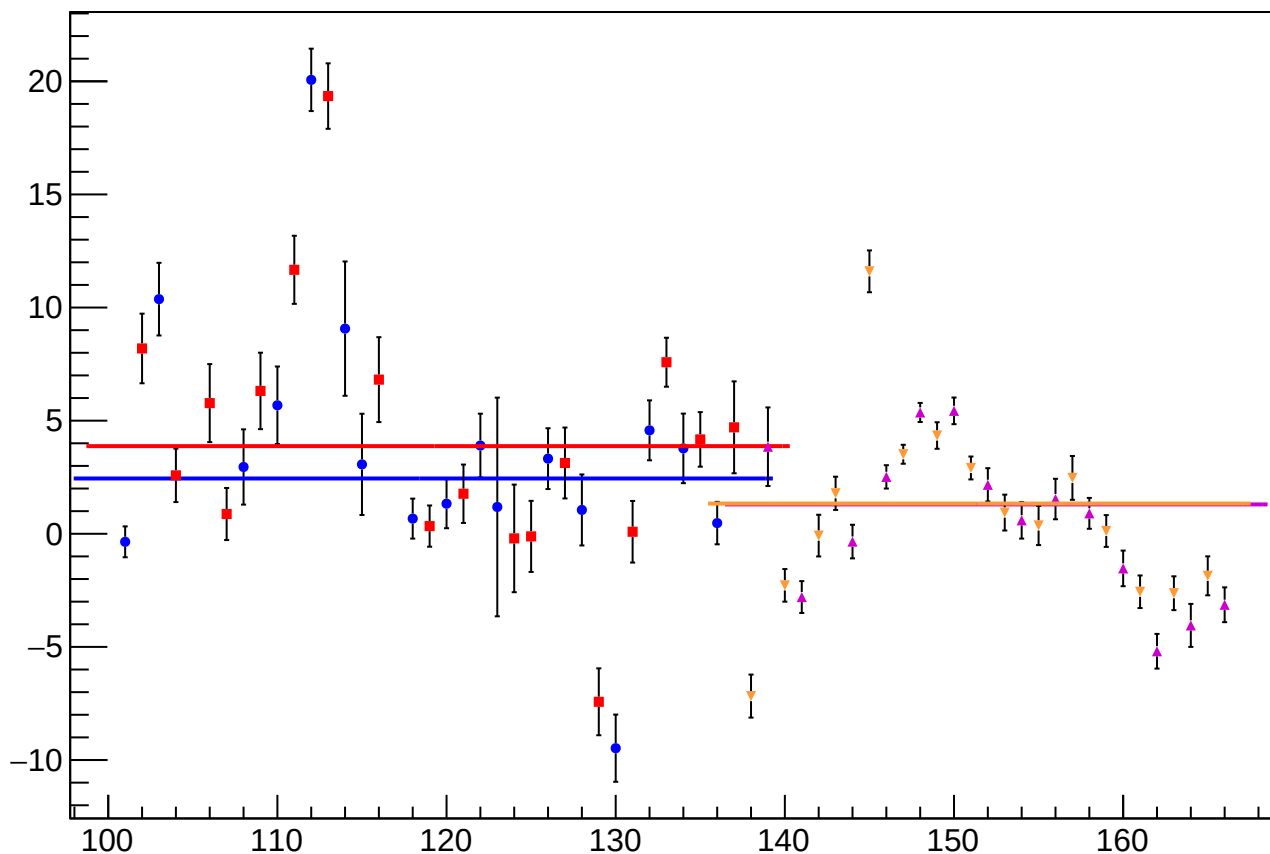
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.987+/-0.265 χ^2/NDF : 887.1/13

Out: -33.531+/-0.266 χ^2/NDF : 755.5/14

All: -33.258+/-0.188 χ^2/NDF : 1644.6/28

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: 1.337 ± 0.180 χ^2/NDF : 371.2/14

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.298 ± 0.185 χ^2/NDF : 340.9/13

Left: 1.318 ± 0.129 χ^2/NDF : 712.2/28

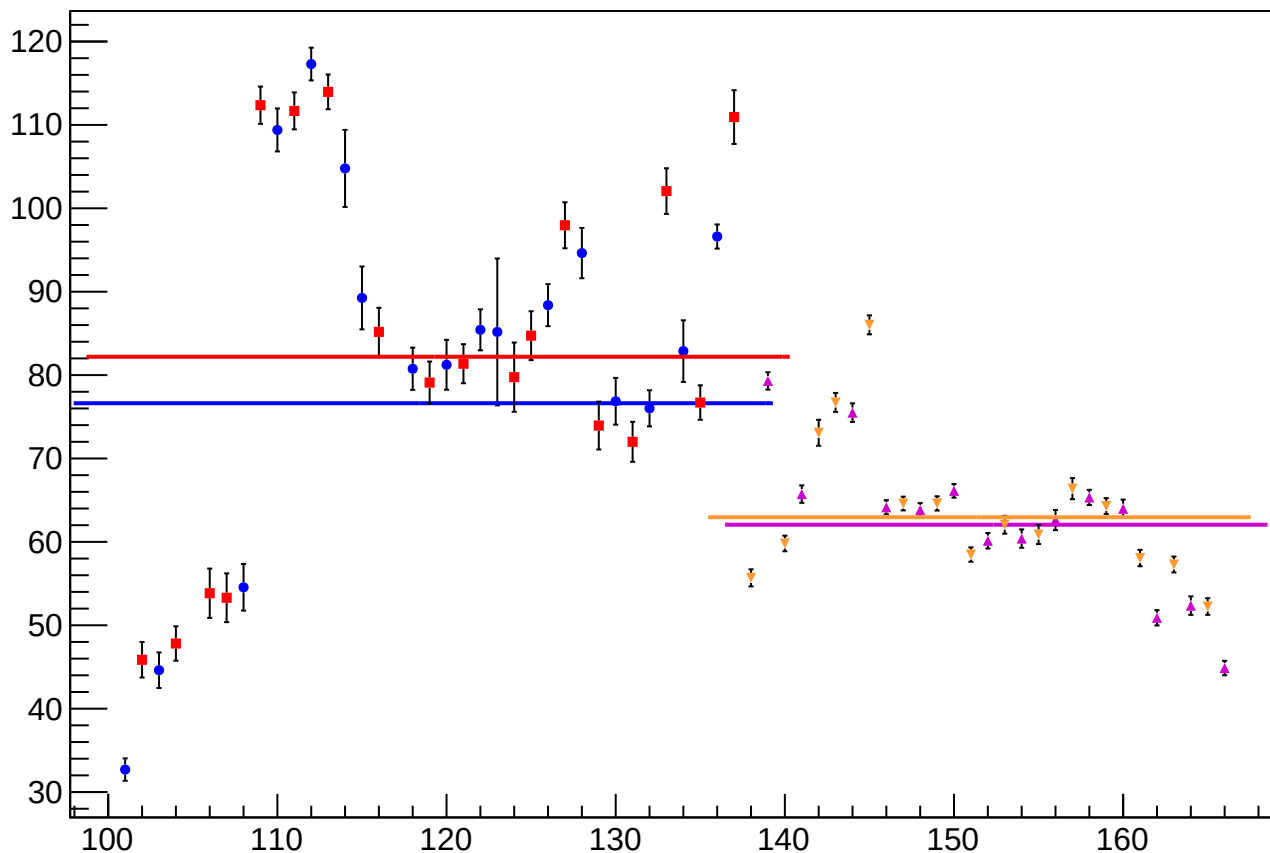
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.596 ± 0.159 χ^2/NDF : 643.6/30

Out: 1.928 ± 0.158 χ^2/NDF : 685.7/32

All: 1.763 ± 0.112 χ^2/NDF : 1331.5/63

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 62.955 $\pm$ 0.260 χ^2 /NDF:883.9/14

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 62.056 $\pm$ 0.258 χ^2 /NDF:1107.9/13

Left: 62.501 $\pm$ 0.183 χ^2 /NDF: 1997.8/28

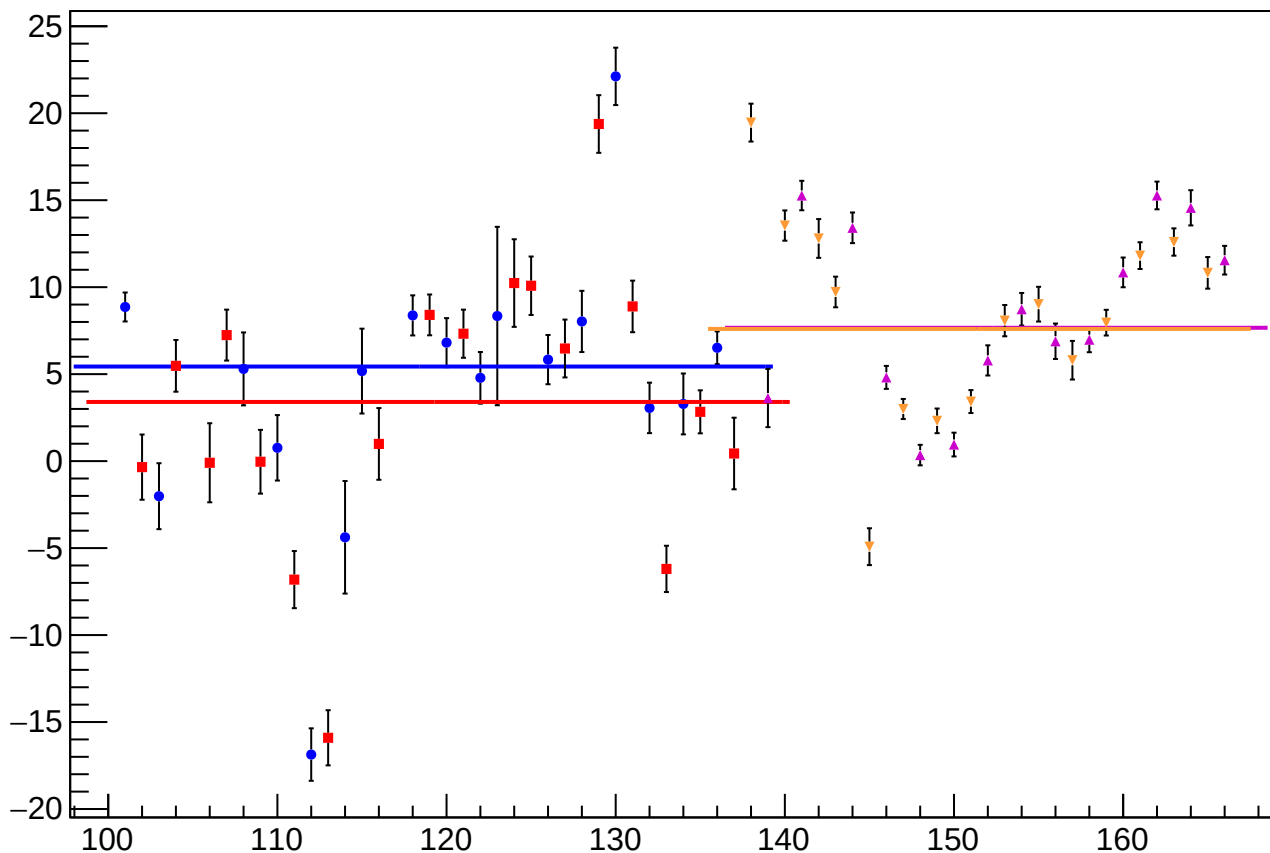
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 64.500 $\pm$ 0.235 χ^2 /NDF:3906.1/30

Out: 66.067 $\pm$ 0.238 χ^2 /NDF:3317.4/32

All: 65.272 $\pm$ 0.167 χ^2 /NDF: 7245.3/63

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 7.600 $\pm$ 0.214 χ^2 /NDF:580.4/14

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 7.666 $\pm$ 0.218 χ^2 /NDF:579.7/13

Left: 7.632 $\pm$ 0.153 χ^2 /NDF: 1160.1/28

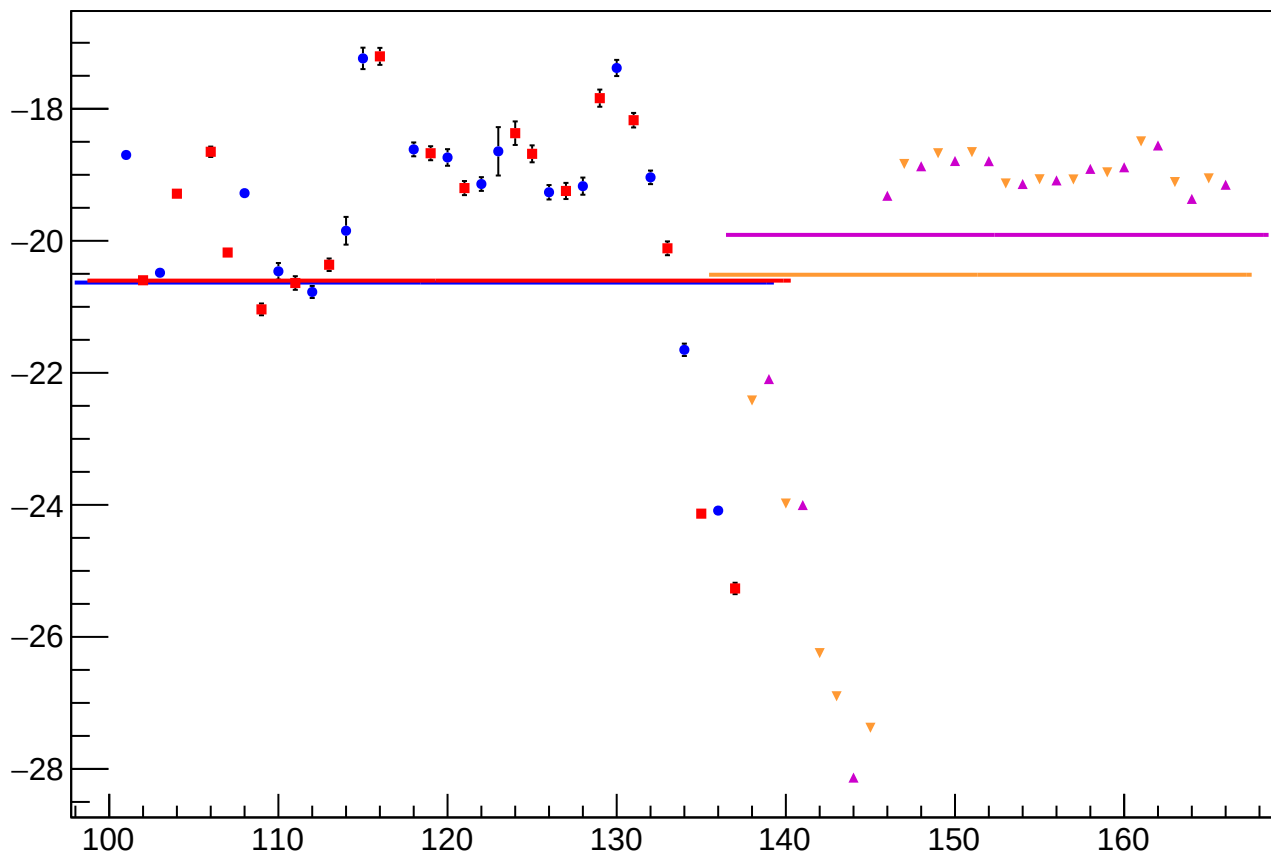
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 7.065 $\pm$ 0.186 χ^2 /NDF:992.5/30

Out: 6.571 $\pm$ 0.186 χ^2 /NDF:1095.7/32

All: 6.818 $\pm$ 0.131 χ^2 /NDF: 2091.7/63

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: -20.514 ± 0.010 χ^2/NDF : 78835.7/14

Right Out: -20.603 ± 0.019 χ^2/NDF : 11925.8/17

Left In: -19.910 ± 0.010 χ^2/NDF : 48585.4/13

Left: -20.210 ± 0.007 χ^2/NDF : 129131.3/28

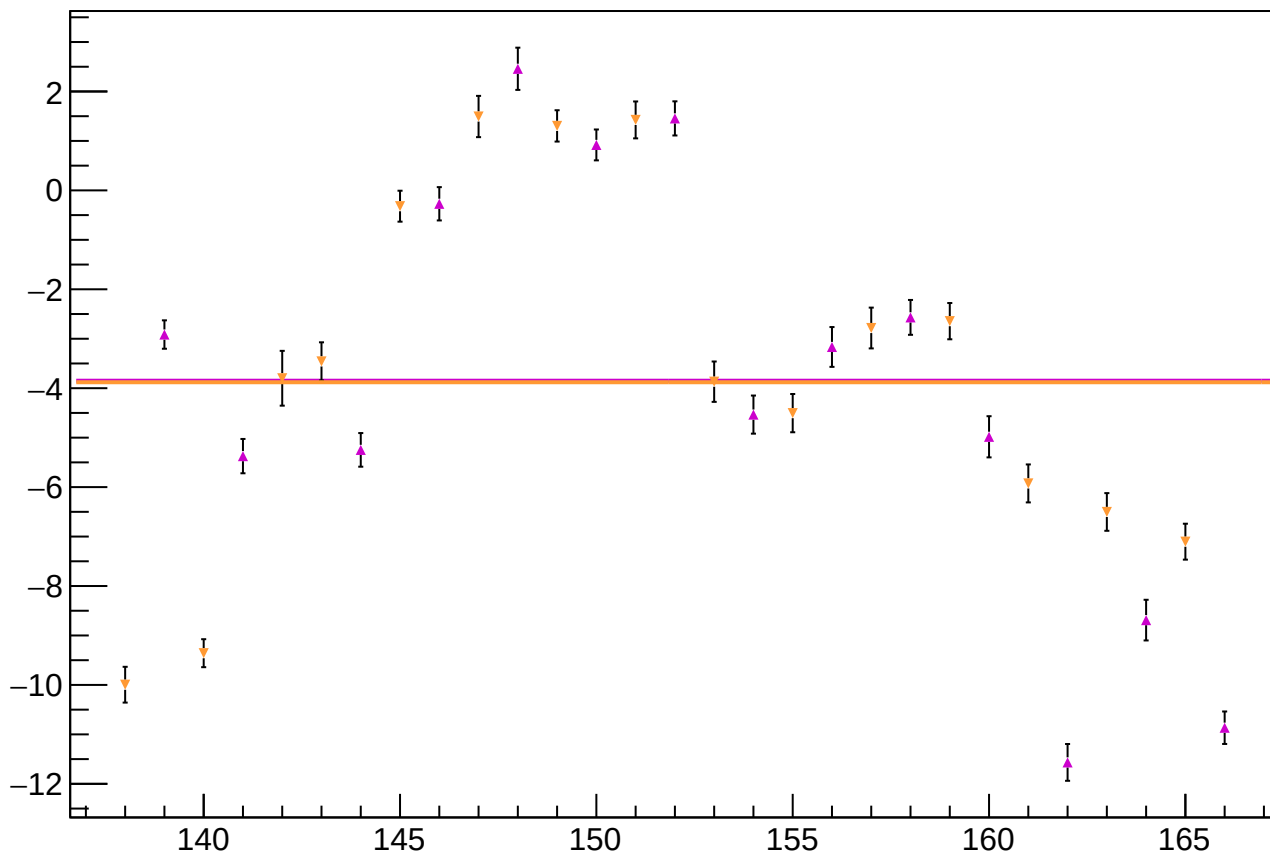
Right: -20.618 ± 0.014 χ^2/NDF : 24470.2/34

In: -20.070 ± 0.009 χ^2/NDF : 62219.0/30

Out: -20.533 ± 0.009 χ^2/NDF : 90777.8/32

All: -20.300 ± 0.006 χ^2/NDF : 154292.3/63

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



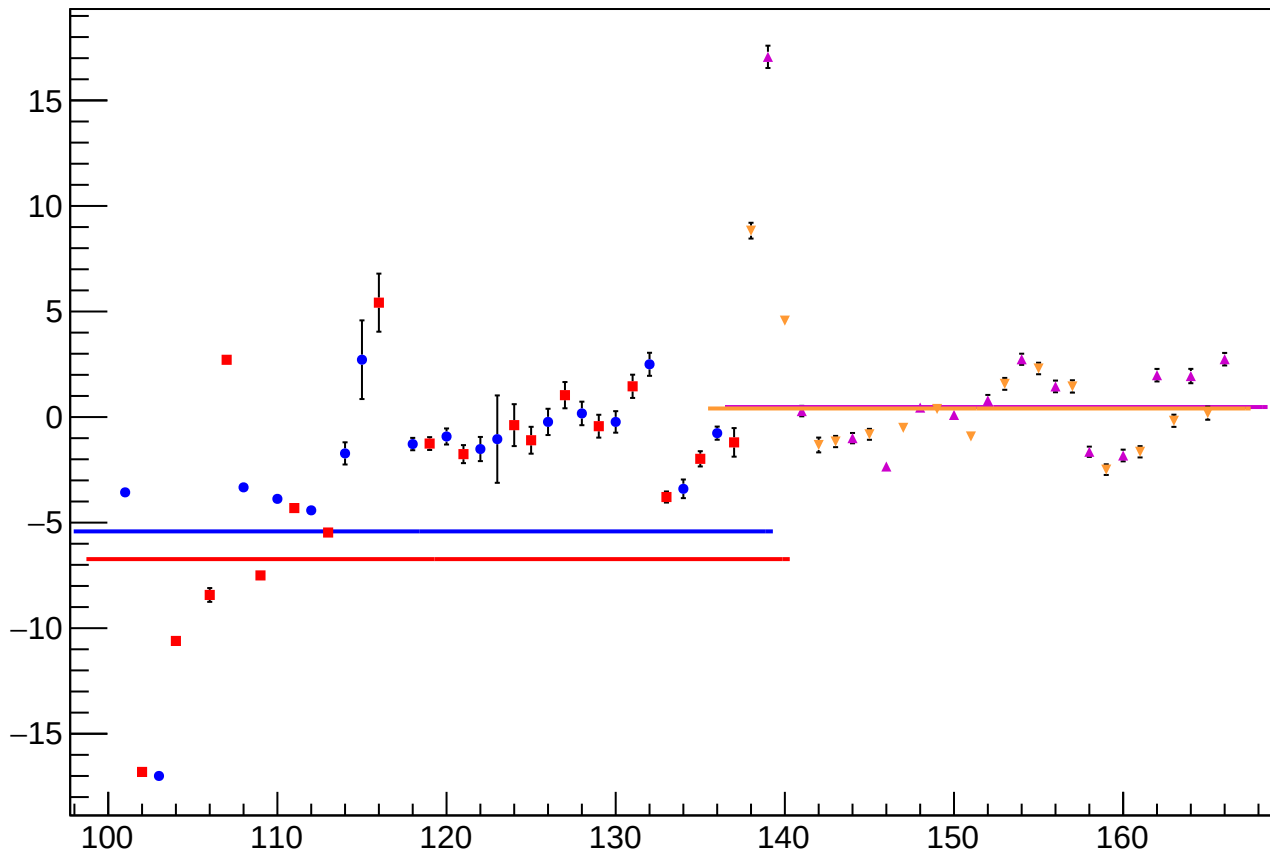
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.880+/-0.095 χ^2/NDF :1602.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.849+/-0.095 χ^2/NDF :1899.2/13

Left: -3.864+/-0.067 χ^2/NDF : 3501.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.849+/-0.095 χ^2/NDF :1899.2/13
 Out: -3.880+/-0.095 χ^2/NDF :1602.6/14

All: -3.864+/-0.067 χ^2/NDF : 3501.9/28

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: 0.406 ± 0.067 χ^2/NDF : 1229.4/14

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.475 ± 0.070 χ^2/NDF : 1532.0/13

Left: 0.440 ± 0.048 χ^2/NDF : 2761.9/28

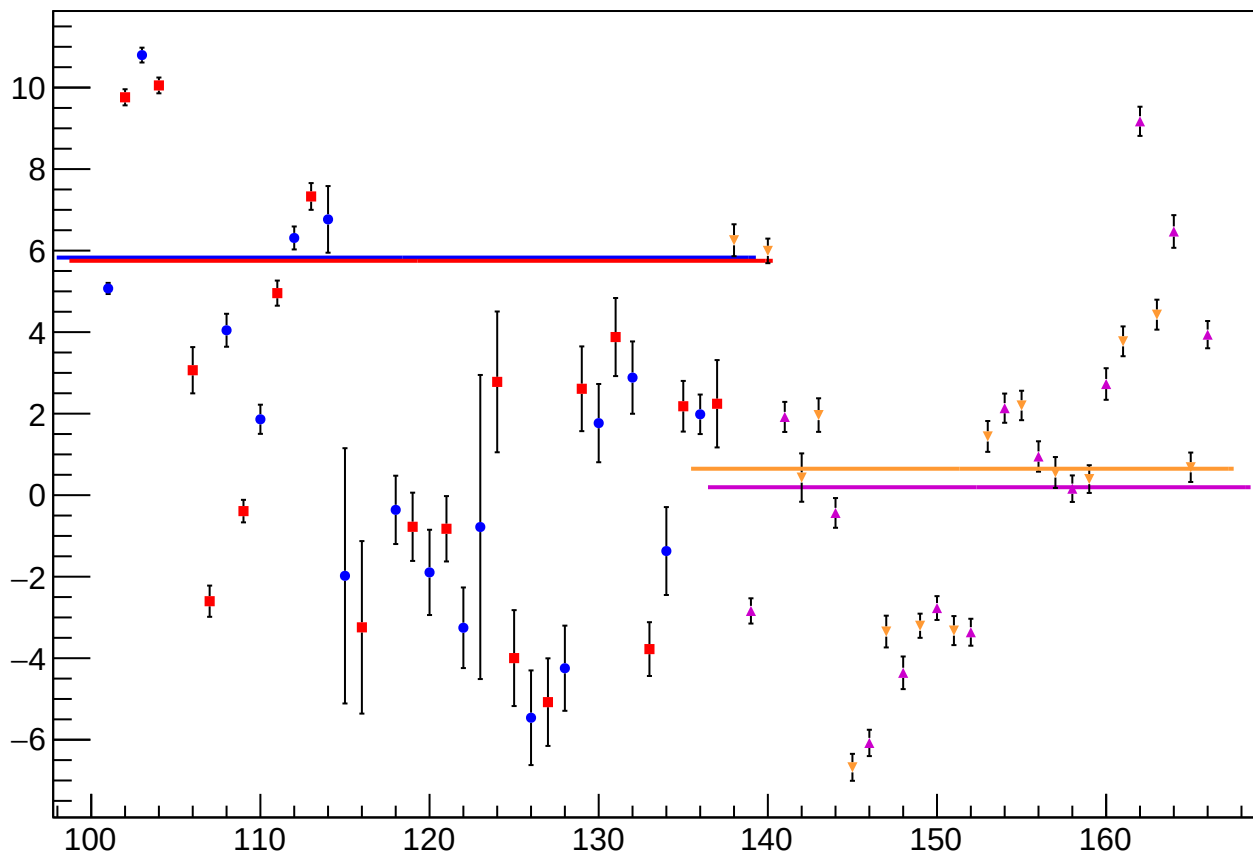
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.163 ± 0.043 χ^2/NDF : 15211.6/30

Out: -3.581 ± 0.045 χ^2/NDF : 18723.1/32

All: -3.364 ± 0.031 χ^2/NDF : 33980.1/63

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.649 ± 0.094 $\chi^2/\text{NDF}: 1620.7/14$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: 0.195 ± 0.093 $\chi^2/\text{NDF}: 1921.5/13$

Left: 0.420 ± 0.066 $\chi^2/\text{NDF}: 3554.1/28$

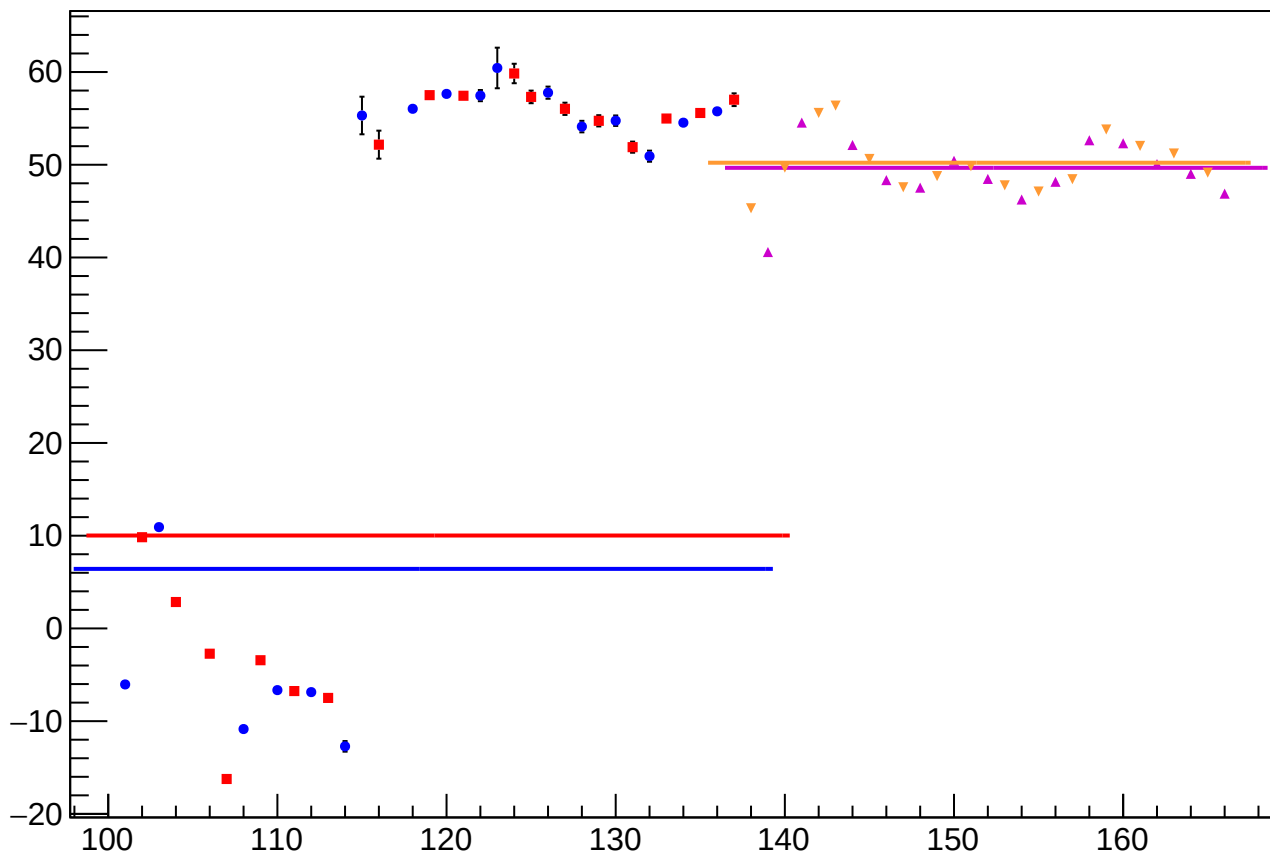
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.111 ± 0.064 $\chi^2/\text{NDF}: 5276.4/30$

Out: 3.130 ± 0.067 $\chi^2/\text{NDF}: 5575.3/32$

All: 3.120 ± 0.046 $\chi^2/\text{NDF}: 10851.8/63$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.219 ± 0.079 χ^2/NDF : 1227.3/14

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.669 ± 0.080 χ^2/NDF : 1202.5/13

Left: 49.950 ± 0.056 χ^2/NDF : 2453.8/28

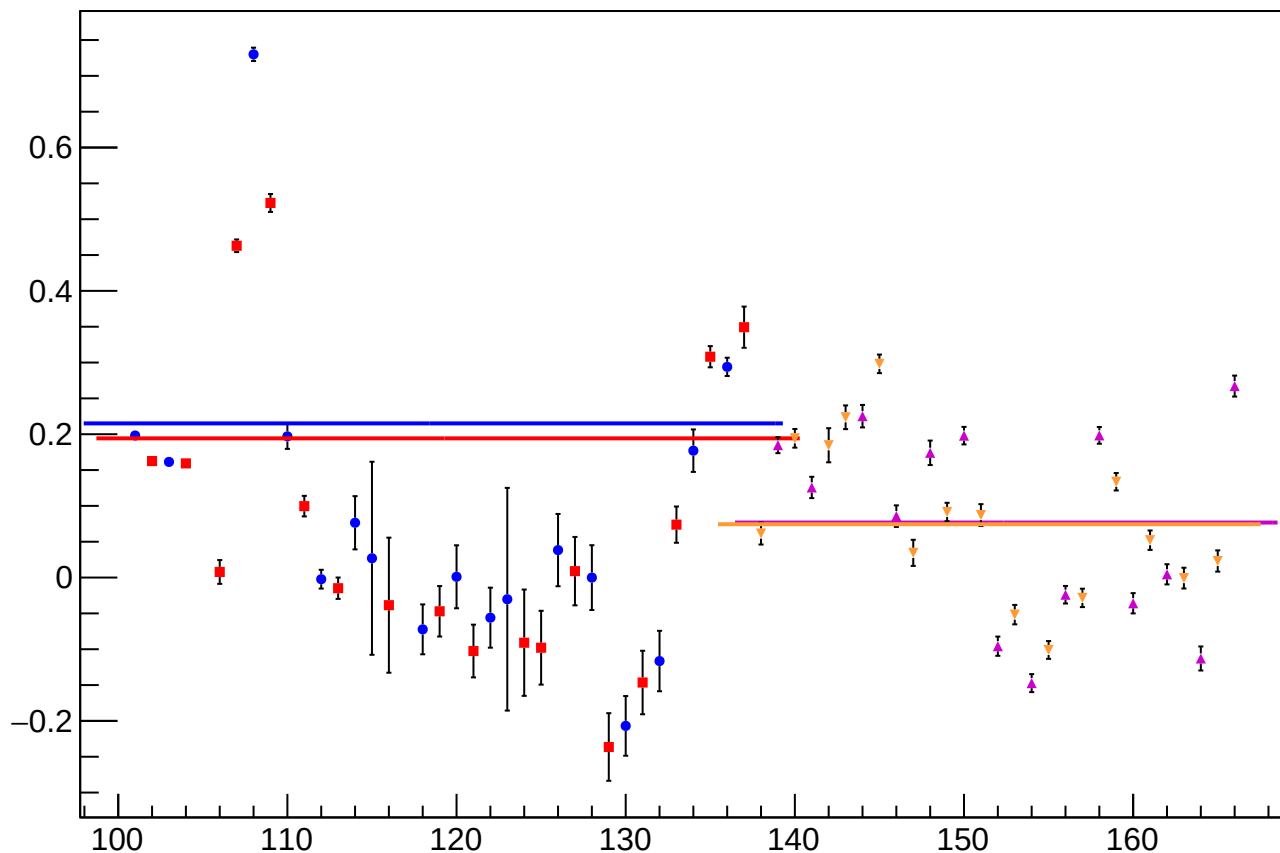
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 23.471 ± 0.050 χ^2/NDF : 300286.6/30

Out: 28.023 ± 0.053 χ^2/NDF : 268013.5/32

All: 25.651 ± 0.036 χ^2/NDF : 572209.7/63

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: 0.074 $\pm$ 0.004 χ^2 /NDF:909.3/14

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.077 $\pm$ 0.004 χ^2 /NDF:1372.4/13

Left: 0.076 $\pm$ 0.003 χ^2 /NDF: 2282.0/28

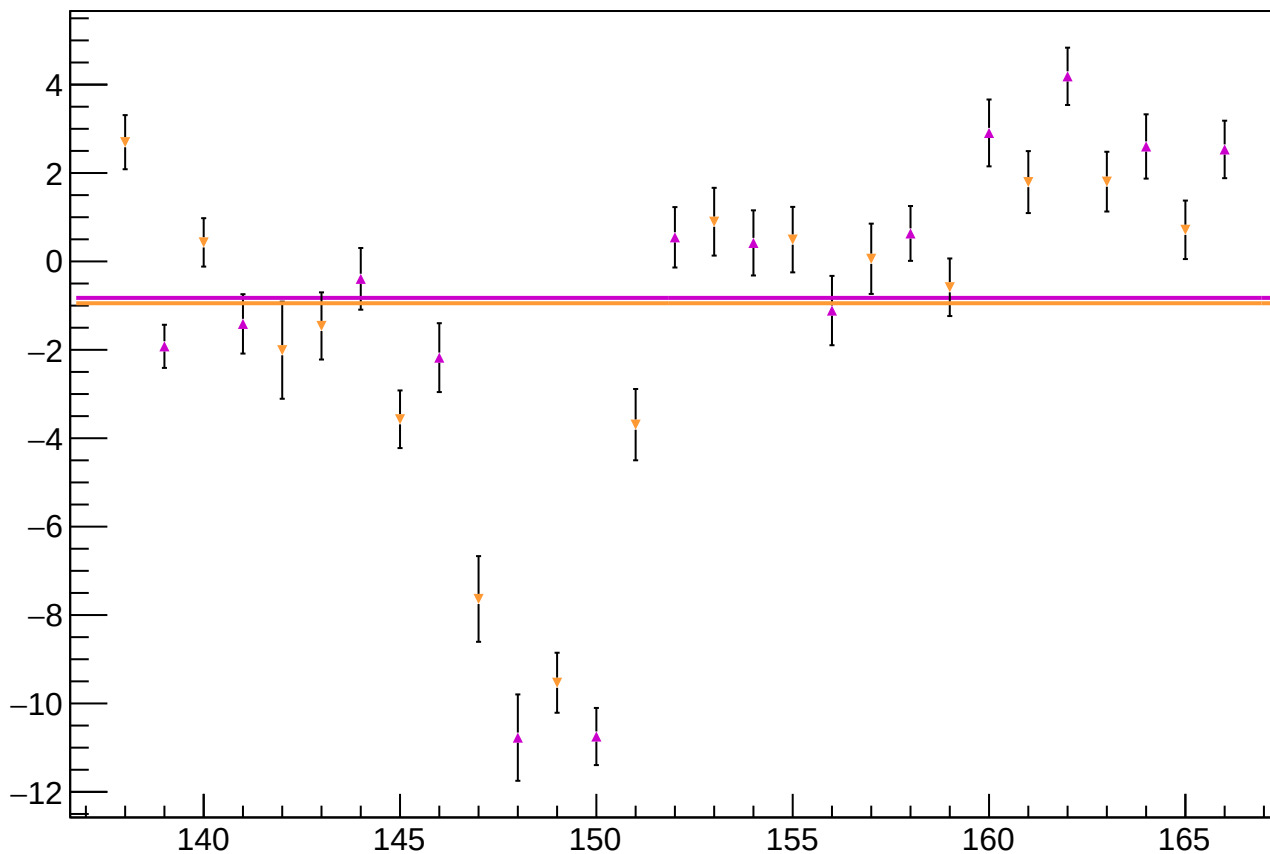
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.164 $\pm$ 0.002 χ^2 /NDF:6213.5/30

Out: 0.151 $\pm$ 0.002 χ^2 /NDF:4113.0/32

All: 0.158 $\pm$ 0.002 χ^2 /NDF: 10344.9/63

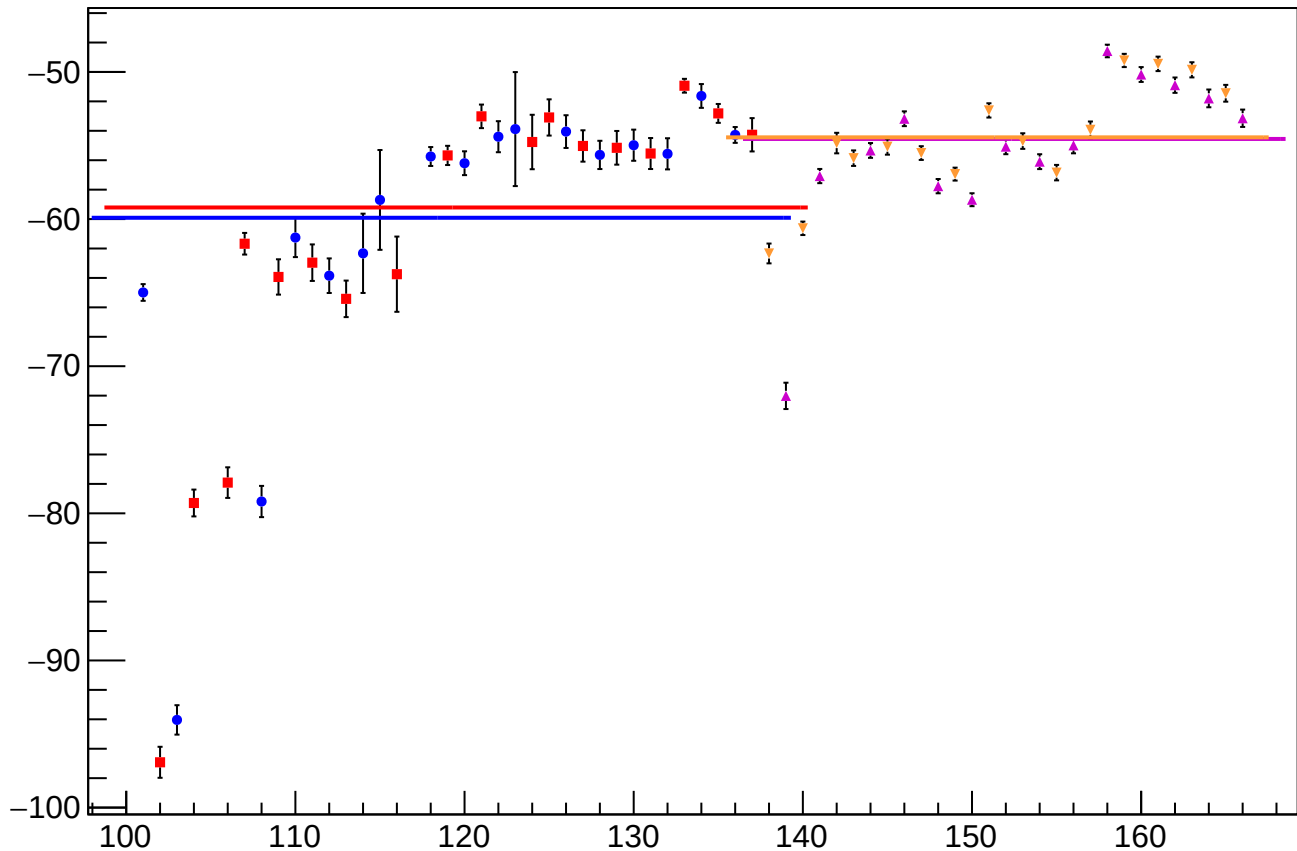
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.946+/-0.184 χ^2/NDF : 328.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.825+/-0.182 χ^2/NDF : 494.0/13

Left: -0.885+/-0.129 χ^2/NDF : 822.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.825+/-0.182 χ^2/NDF : 494.0/13
 Out: -0.946+/-0.184 χ^2/NDF : 328.1/14
 All: -0.885+/-0.129 χ^2/NDF : 822.3/28

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: -54.445 ± 0.133 χ^2/NDF : 747.6/14

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.553 ± 0.138 χ^2/NDF : 905.7/13

Left: -54.498 ± 0.096 χ^2/NDF : 1653.6/28

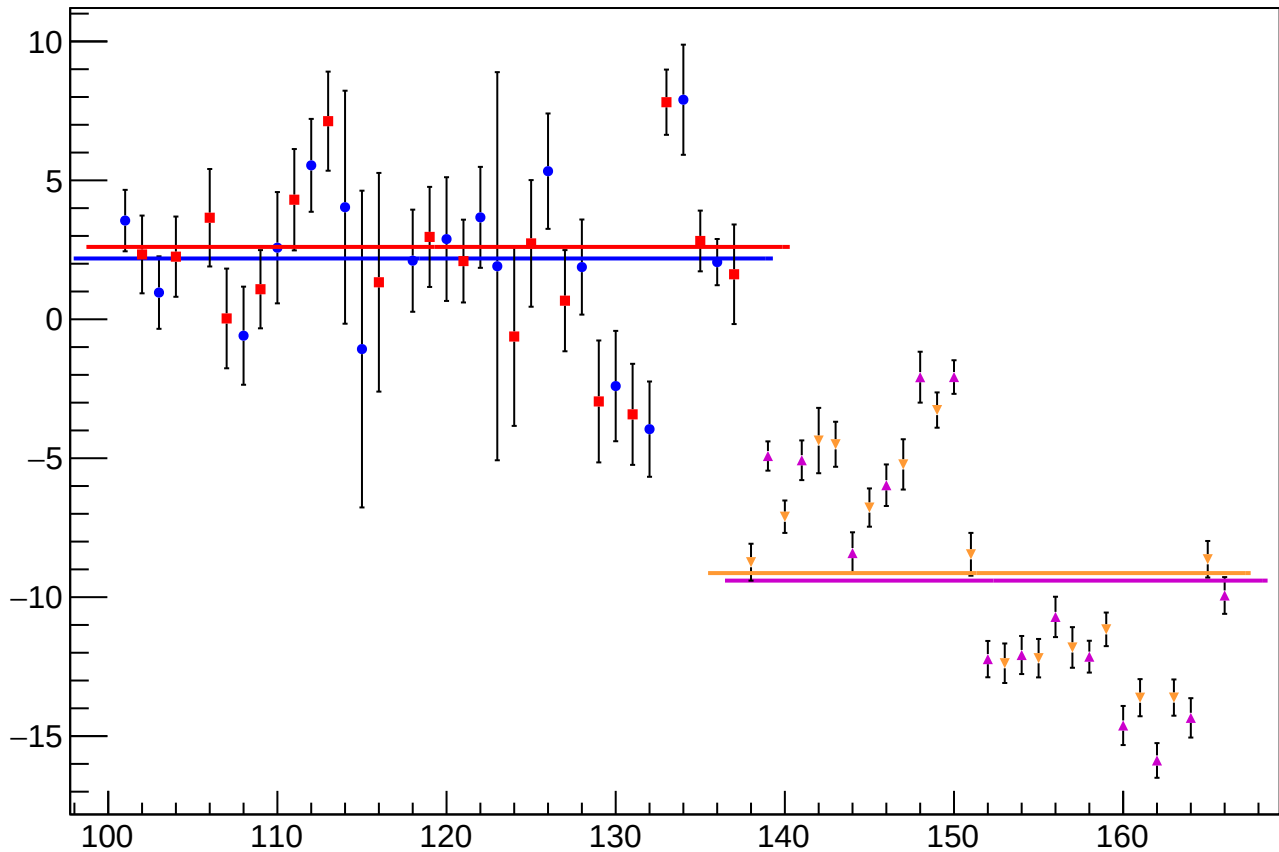
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.033 ± 0.117 χ^2/NDF : 3303.5/30

Out: -55.793 ± 0.113 χ^2/NDF : 3851.8/32

All: -55.909 ± 0.081 χ^2/NDF : 7157.4/63

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -9.133 ± 0.181 $\chi^2/\text{NDF}: 336.0/14$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -9.404 ± 0.179 $\chi^2/\text{NDF}: 614.4/13$

Left: -9.271 ± 0.127 $\chi^2/\text{NDF}: 951.5/28$

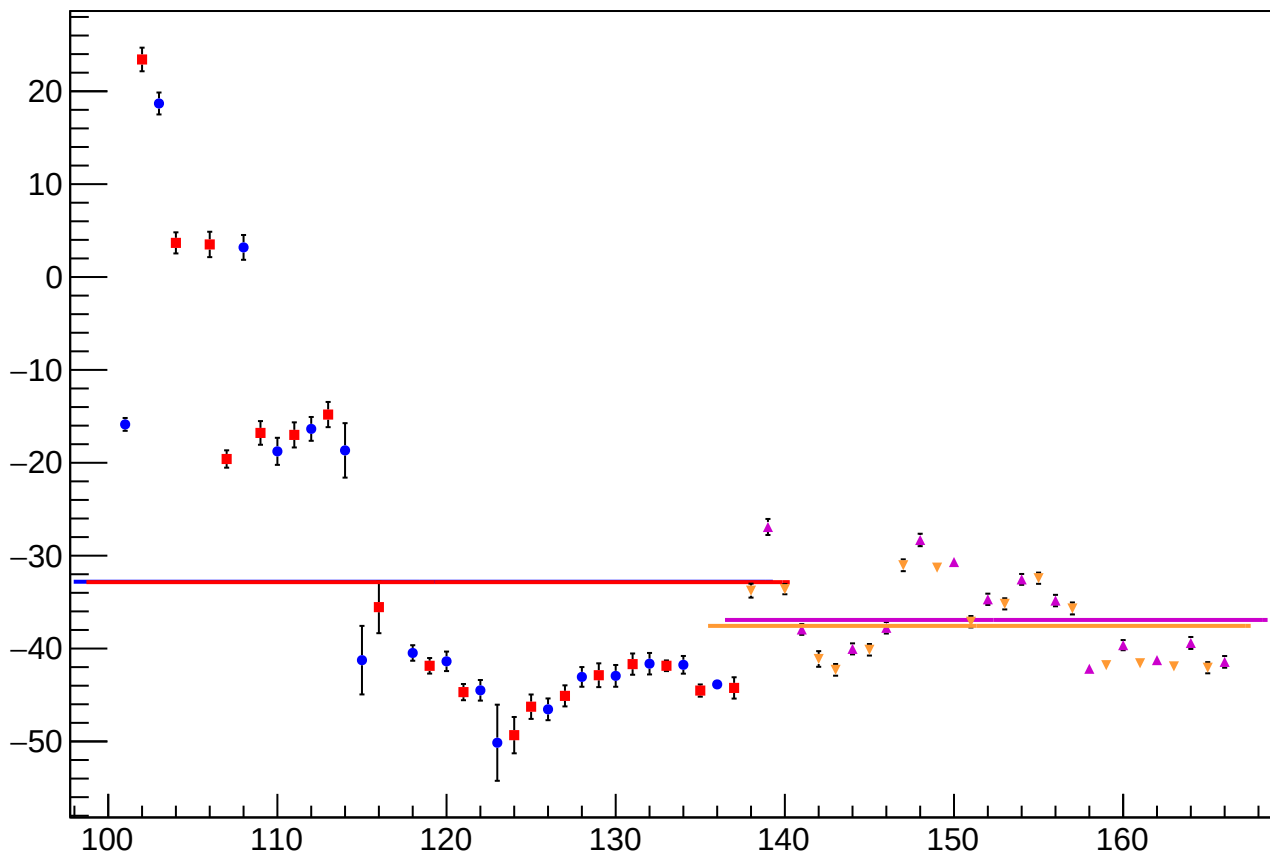
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -7.513 ± 0.163 $\chi^2/\text{NDF}: 1340.7/30$

Out: -7.061 ± 0.164 $\chi^2/\text{NDF}: 1129.4/32$

All: -7.288 ± 0.116 $\chi^2/\text{NDF}: 2473.9/63$

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: -37.560 ± 0.153 $\chi^2/\text{NDF}: 770.6/14$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.920 ± 0.157 $\chi^2/\text{NDF}: 853.1/13$

Left: -37.247 ± 0.110 $\chi^2/\text{NDF}: 1632.2/28$

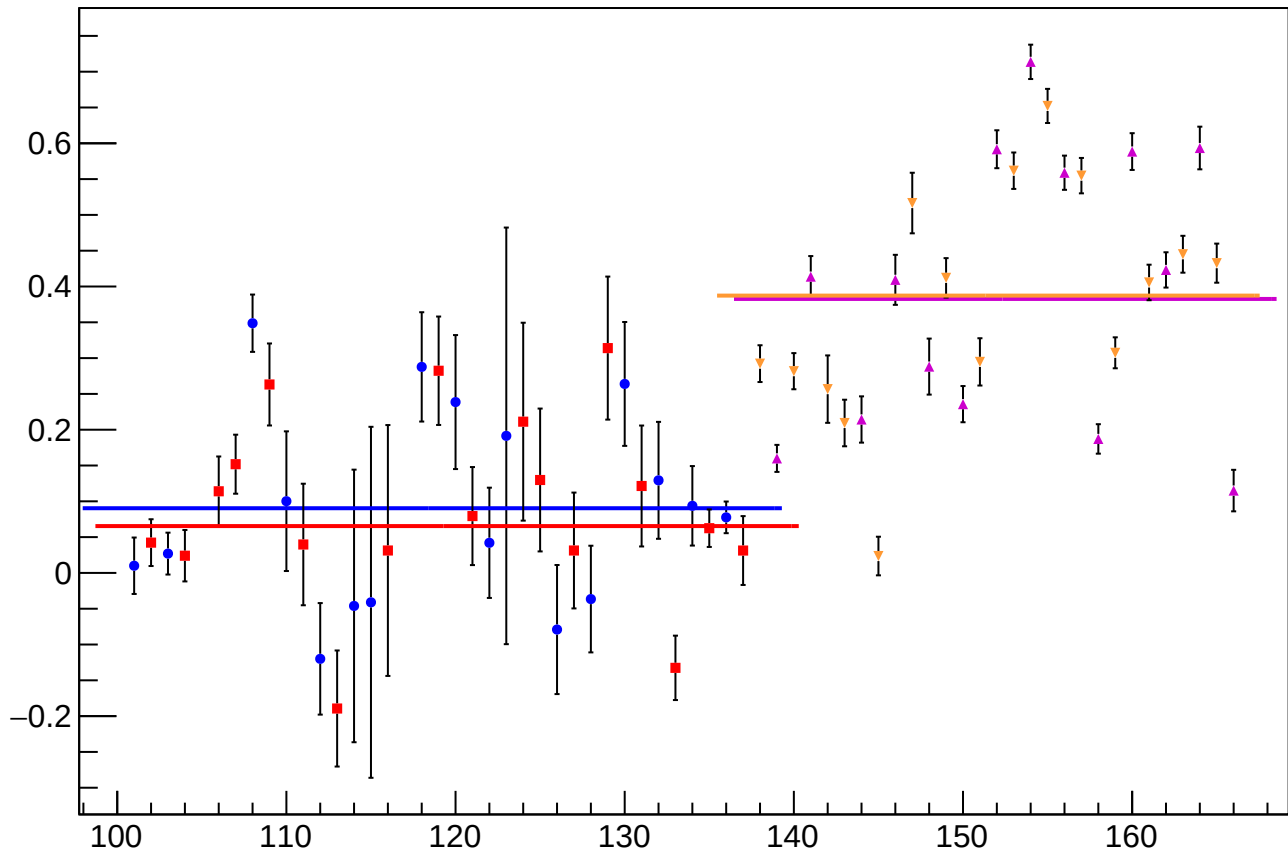
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.788 ± 0.133 $\chi^2/\text{NDF}: 5705.6/30$

Out: -36.228 ± 0.130 $\chi^2/\text{NDF}: 6787.4/32$

All: -36.014 ± 0.093 $\chi^2/\text{NDF}: 12498.5/63$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.387 ± 0.007 $\chi^2/\text{NDF}: 507.1/14$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.383 ± 0.007 $\chi^2/\text{NDF}: 807.6/13$

Left: 0.385 ± 0.005 $\chi^2/\text{NDF}: 1315.0/28$

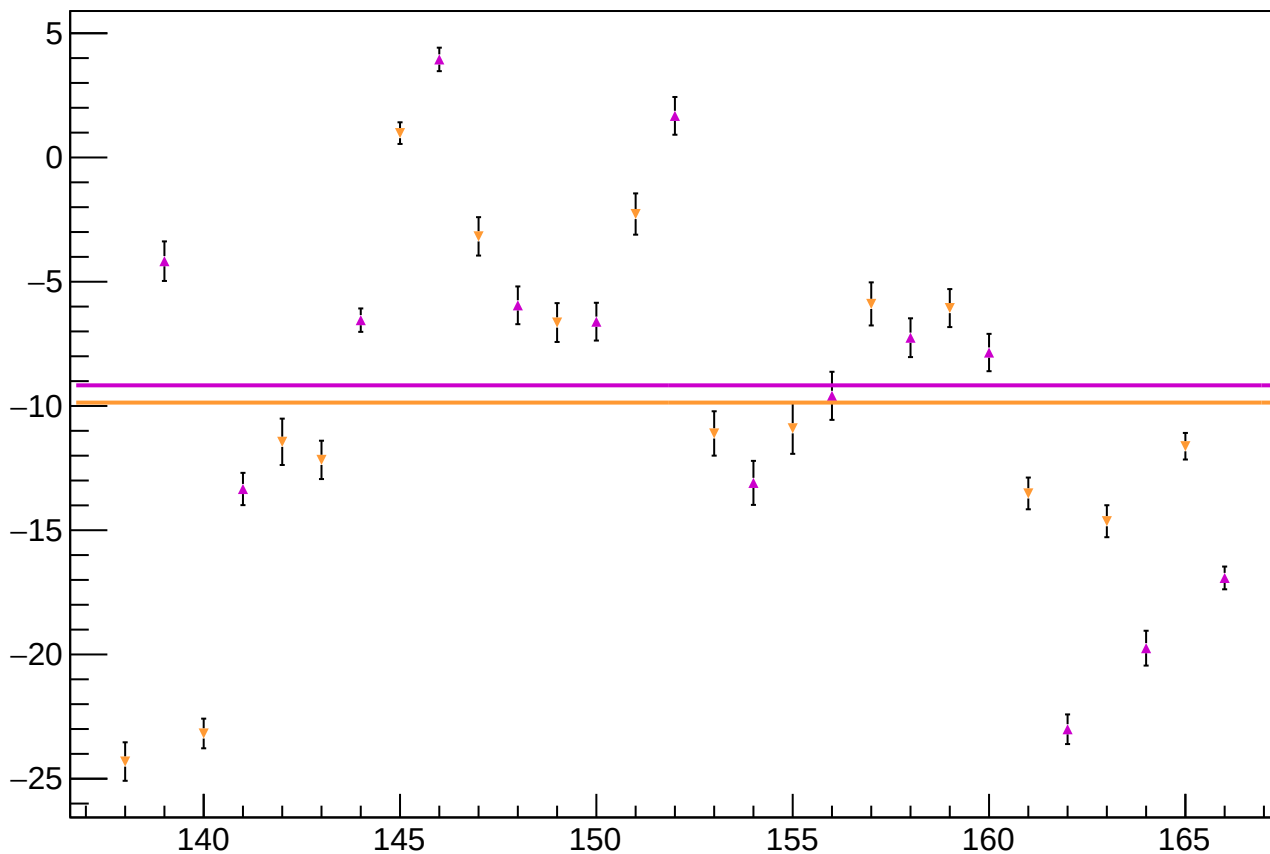
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.316 ± 0.006 $\chi^2/\text{NDF}: 1293.7/30$

Out: 0.307 ± 0.006 $\chi^2/\text{NDF}: 1092.5/32$

All: 0.312 ± 0.004 $\chi^2/\text{NDF}: 2387.0/63$

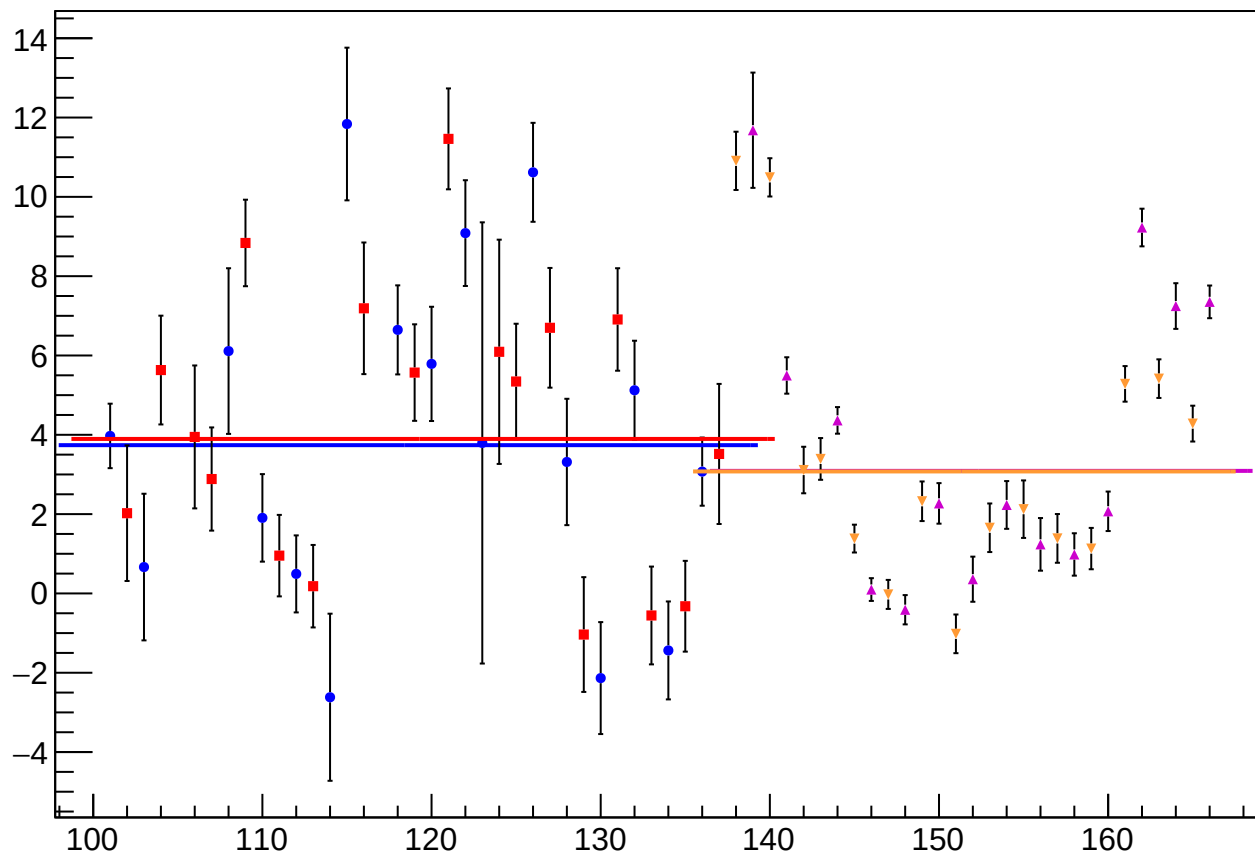
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.863+/-0.180 χ^2/NDF :1798.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.170+/-0.173 χ^2/NDF :2196.3/13

Left: -9.503+/-0.125 χ^2/NDF : 4002.8/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.170+/-0.173 χ^2/NDF :2196.3/13
 Out: -9.863+/-0.180 χ^2/NDF :1798.8/14
 All: -9.503+/-0.125 χ^2/NDF : 4002.8/28

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 3.076 ± 0.128 $\chi^2/\text{NDF}: 601.1/14$

Right Out: 3.896 ± 0.316 $\chi^2/\text{NDF}: 134.9/17$

Left In: 3.090 ± 0.123 $\chi^2/\text{NDF}: 656.9/13$

Left: 3.083 ± 0.088 $\chi^2/\text{NDF}: 1258.0/28$

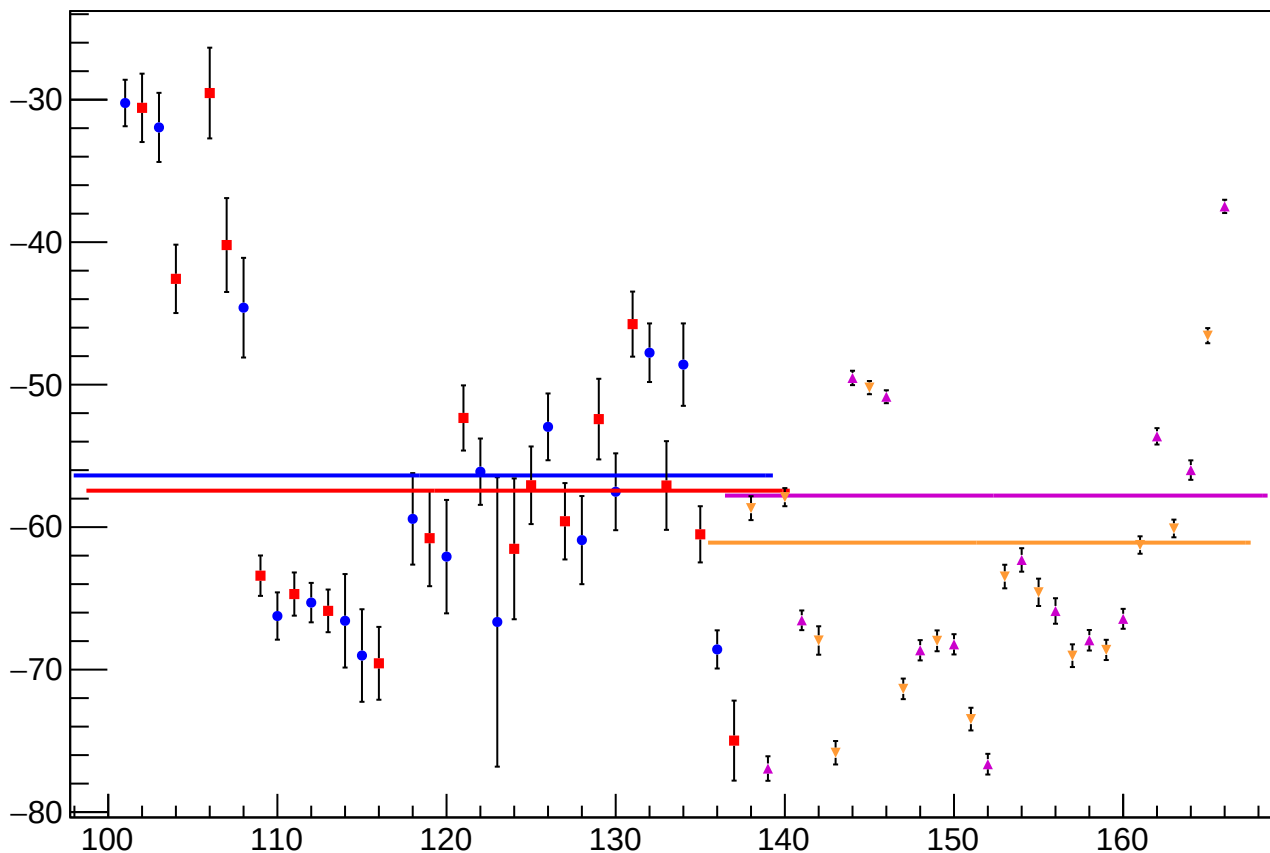
Right: 3.815 ± 0.221 $\chi^2/\text{NDF}: 271.9/34$

In: 3.179 ± 0.114 $\chi^2/\text{NDF}: 797.6/30$

Out: 3.191 ± 0.118 $\chi^2/\text{NDF}: 741.8/32$

All: 3.184 ± 0.082 $\chi^2/\text{NDF}: 1539.3/63$

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: -61.088 ± 0.179 $\chi^2/\text{NDF}: 2469.2/14$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -57.786 ± 0.170 $\chi^2/\text{NDF}: 4698.3/13$

Left: -59.356 ± 0.123 $\chi^2/\text{NDF}: 7346.5/28$

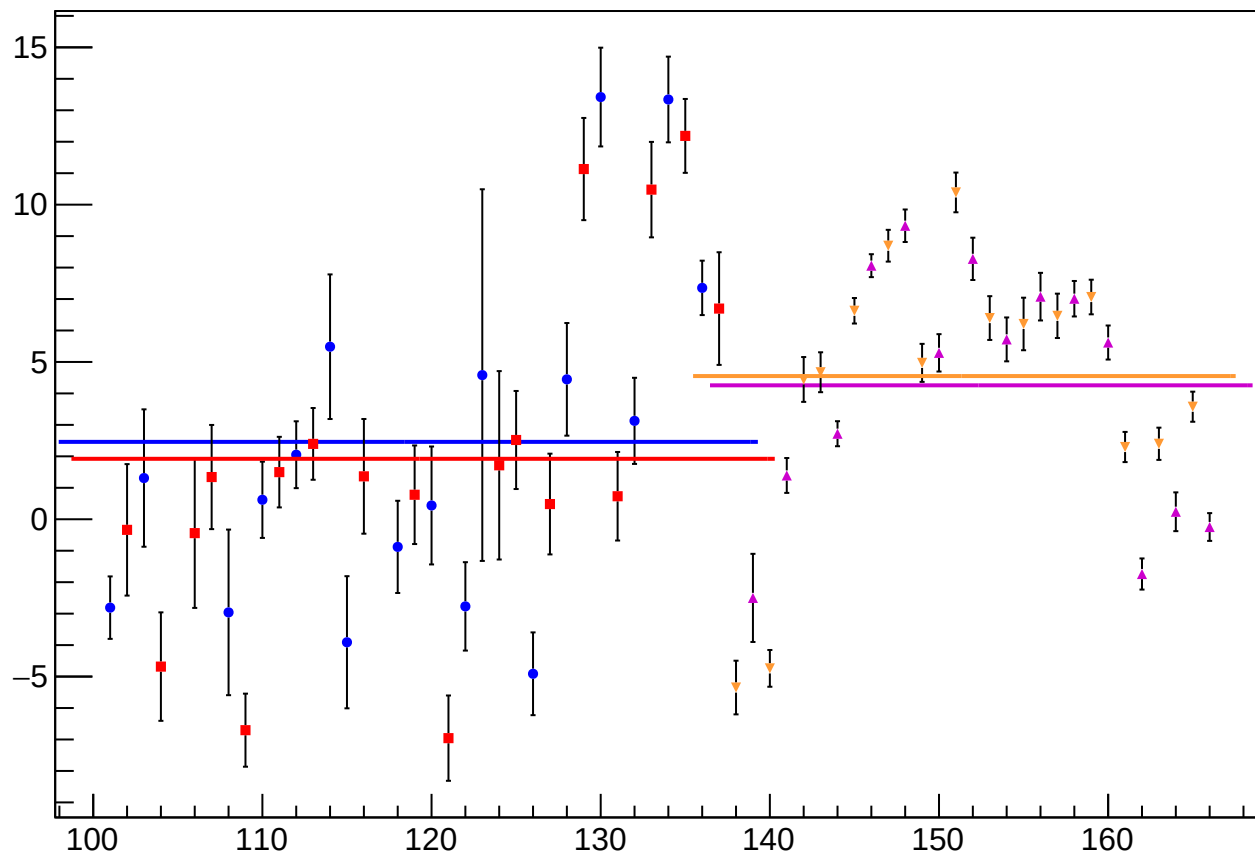
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -57.659 ± 0.162 $\chi^2/\text{NDF}: 5292.1/30$

Out: -60.724 ± 0.170 $\chi^2/\text{NDF}: 2951.7/32$

All: -59.125 ± 0.117 $\chi^2/\text{NDF}: 8414.1/63$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.552 ± 0.148 χ^2/NDF : 650.3/14

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 4.257 ± 0.143 χ^2/NDF : 650.9/13

Left: 4.399 ± 0.103 χ^2/NDF : 1303.3/28

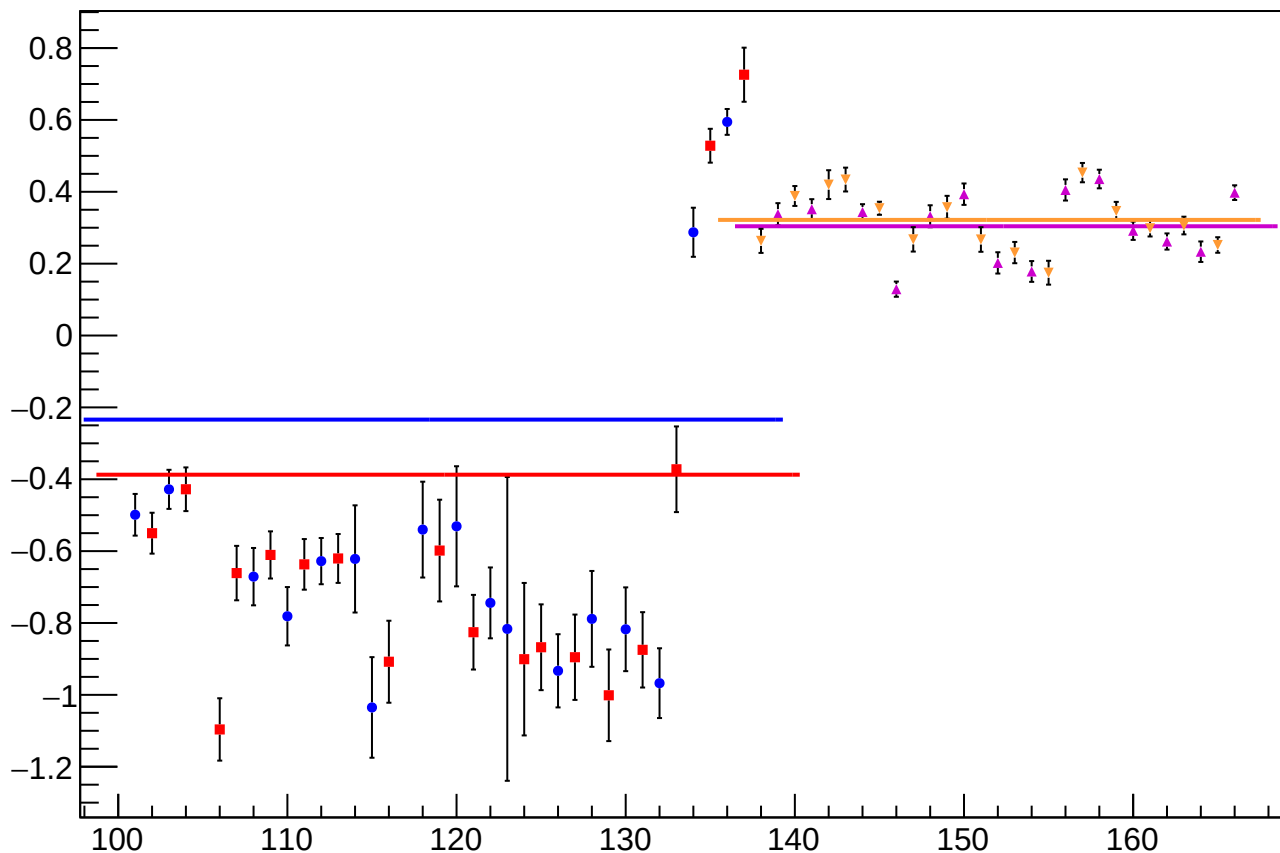
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 3.994 ± 0.133 χ^2/NDF : 917.8/30

Out: 4.160 ± 0.137 χ^2/NDF : 962.2/32

All: 4.074 ± 0.095 χ^2/NDF : 1880.8/63

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: 0.322 ± 0.007 χ^2/NDF : 101.5/14

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.304 ± 0.007 χ^2/NDF : 184.8/13

Left: 0.313 ± 0.005 χ^2/NDF : 289.5/28

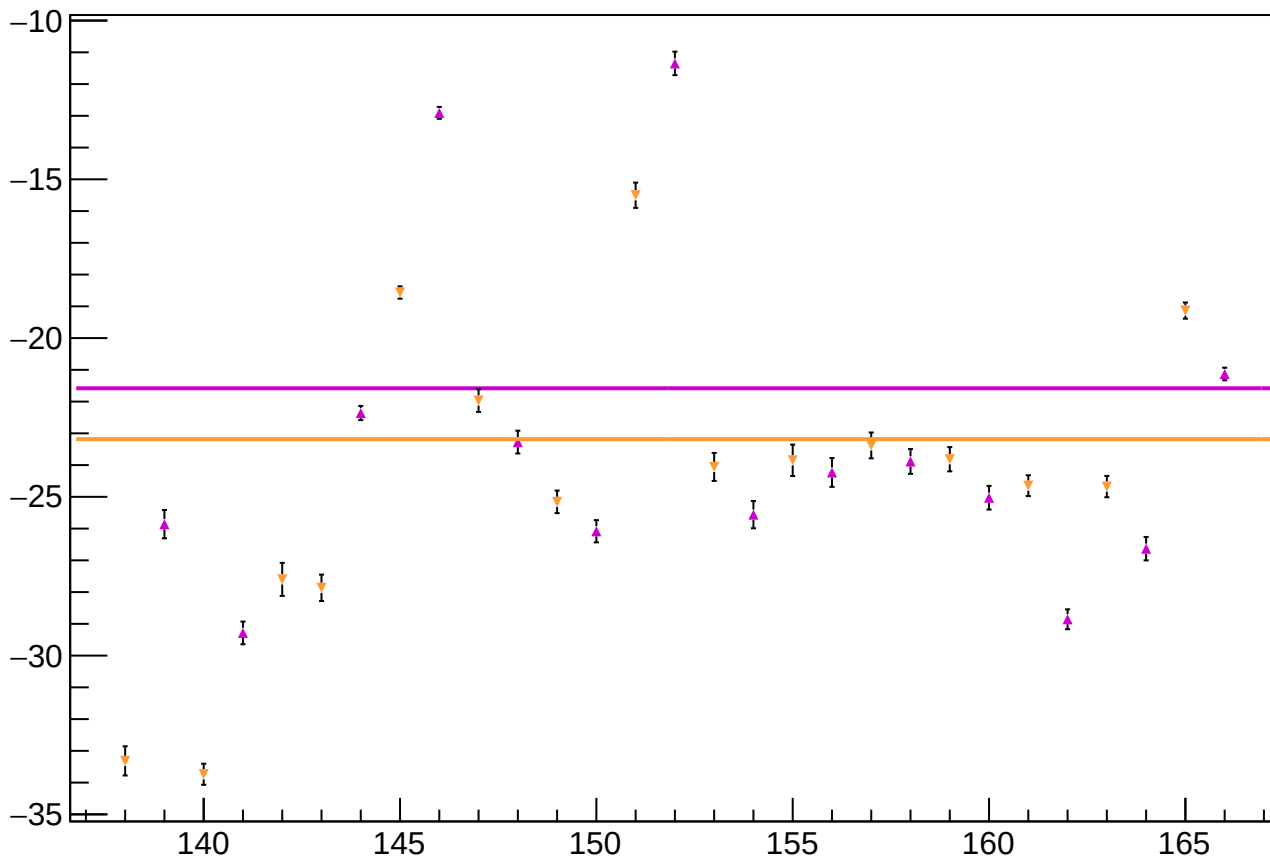
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.241 ± 0.006 χ^2/NDF : 1858.7/30

Out: 0.236 ± 0.007 χ^2/NDF : 2172.0/32

All: 0.238 ± 0.005 χ^2/NDF : 4030.9/63

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: -23.183 ± 0.089 $\chi^2/\text{NDF}: 2973.2/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.581 ± 0.081 $\chi^2/\text{NDF}: 4637.3/13$

Left: -22.313 ± 0.060 $\chi^2/\text{NDF}: 7788.0/28$

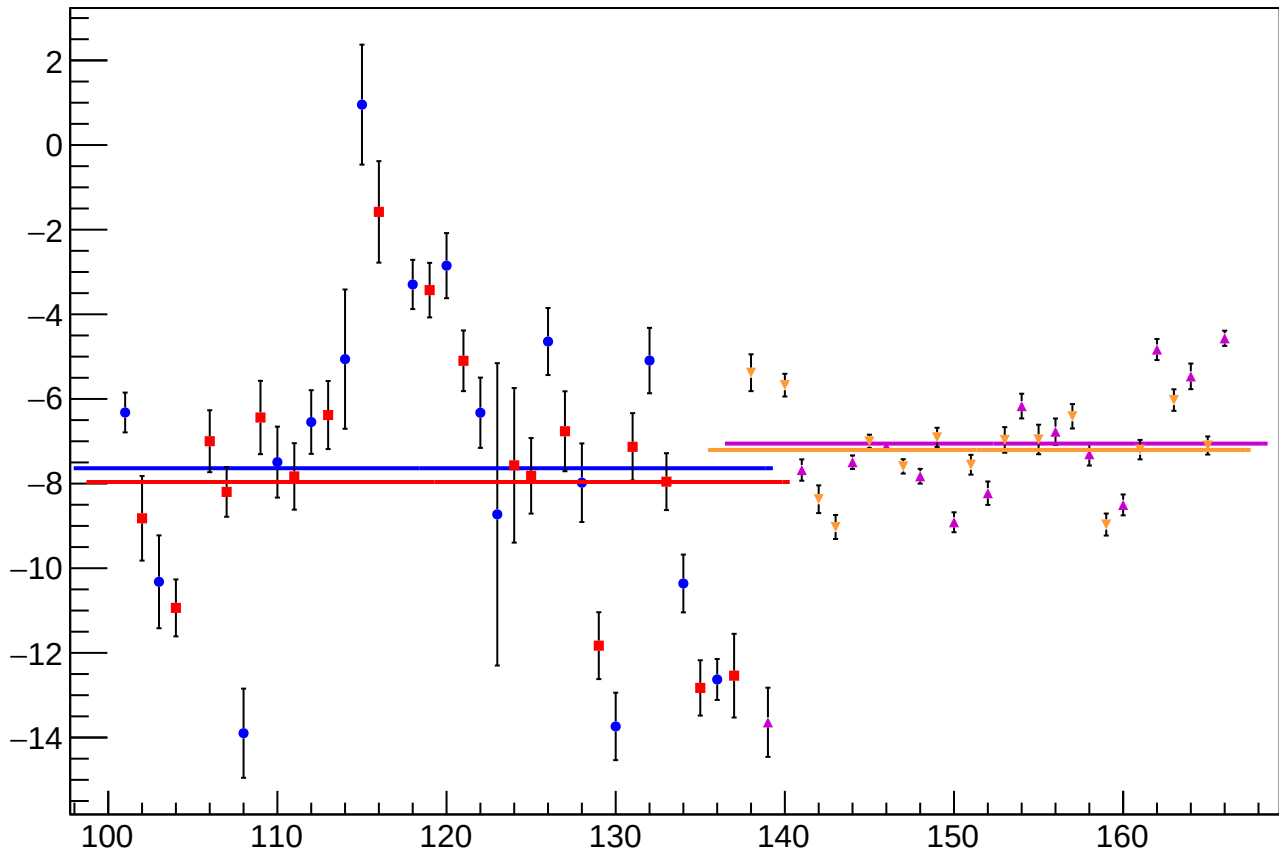
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.581 ± 0.081 $\chi^2/\text{NDF}: 4637.3/13$

Out: -23.183 ± 0.089 $\chi^2/\text{NDF}: 2973.2/14$

All: -22.313 ± 0.060 $\chi^2/\text{NDF}: 7788.0/28$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.205 ± 0.063 χ^2/NDF : 191.2/14

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.055 ± 0.057 χ^2/NDF : 522.5/13

Left: -7.123 ± 0.042 χ^2/NDF : 716.8/28

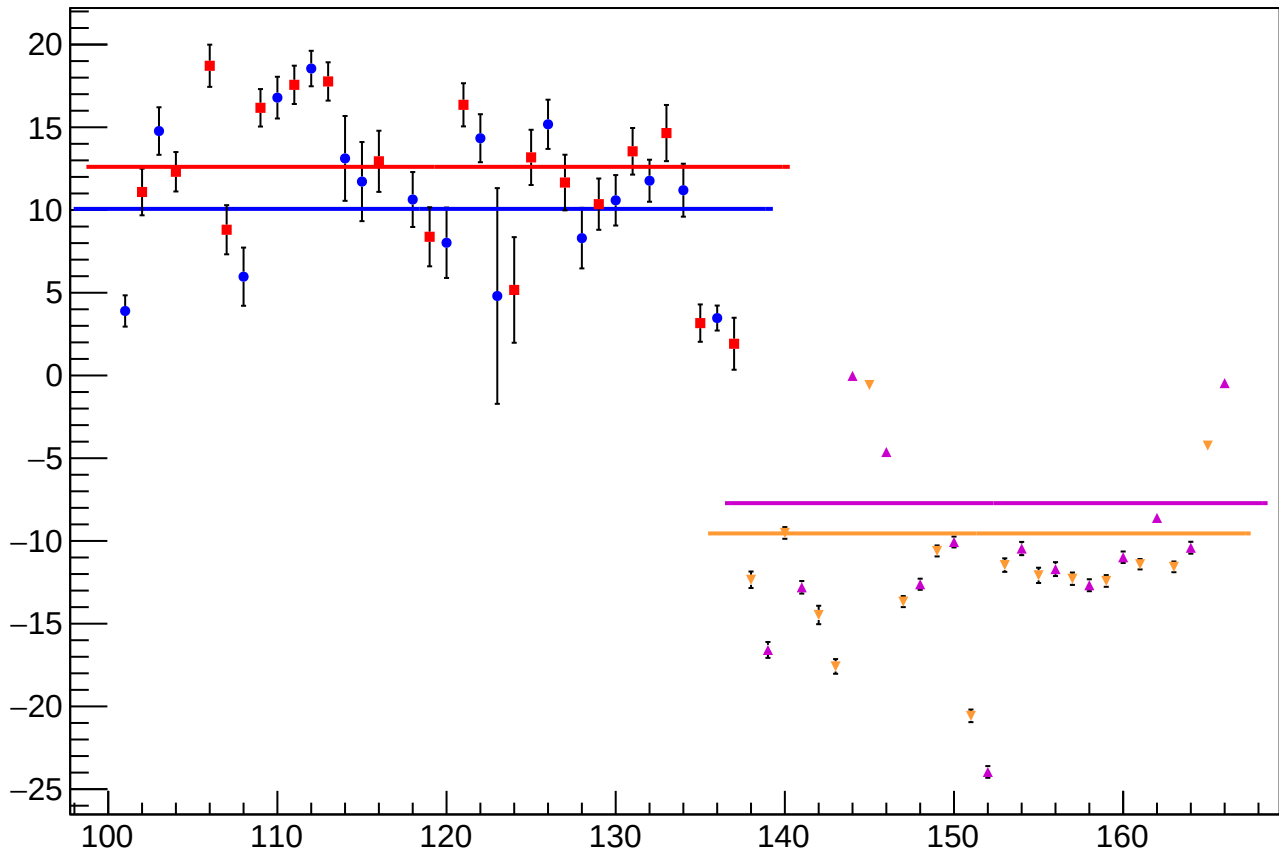
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.105 ± 0.055 χ^2/NDF : 925.4/30

Out: -7.282 ± 0.059 χ^2/NDF : 432.6/32

All: -7.187 ± 0.040 χ^2/NDF : 1362.8/63

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.546 ± 0.088 $\chi^2/\text{NDF}: 4019.7/14$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -7.716 ± 0.080 $\chi^2/\text{NDF}: 5964.1/13$

Left: -8.546 ± 0.059 $\chi^2/\text{NDF}: 10221.4/28$

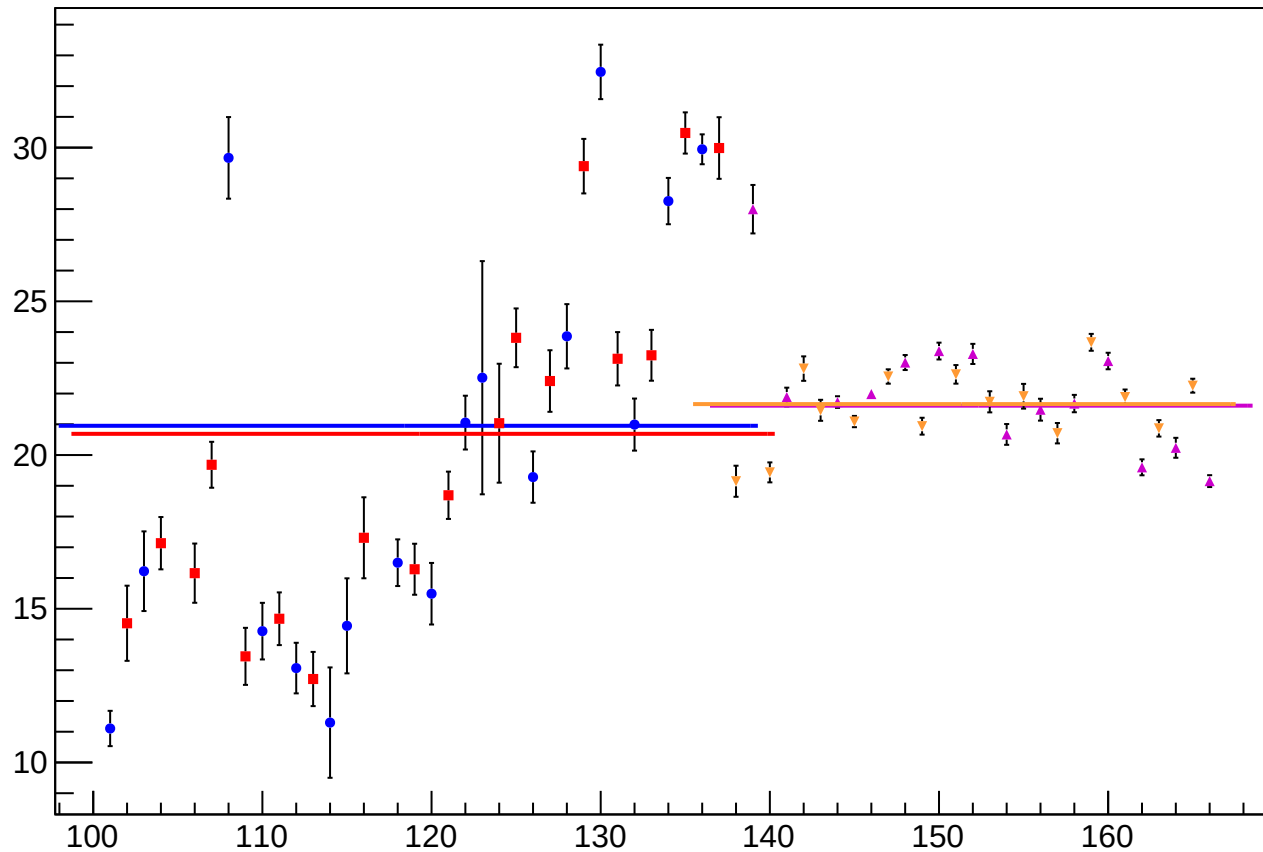
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -6.770 ± 0.078 $\chi^2/\text{NDF}: 8847.9/30$

Out: -8.108 ± 0.085 $\chi^2/\text{NDF}: 8375.3/32$

All: -7.381 ± 0.057 $\chi^2/\text{NDF}: 17358.2/63$

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: 21.657 $\pm$ 0.073 χ^2 /NDF: 200.3/14

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.606 $\pm$ 0.067 χ^2 /NDF: 451.7/13

Left: 21.630 $\pm$ 0.050 χ^2 /NDF: 652.3/28

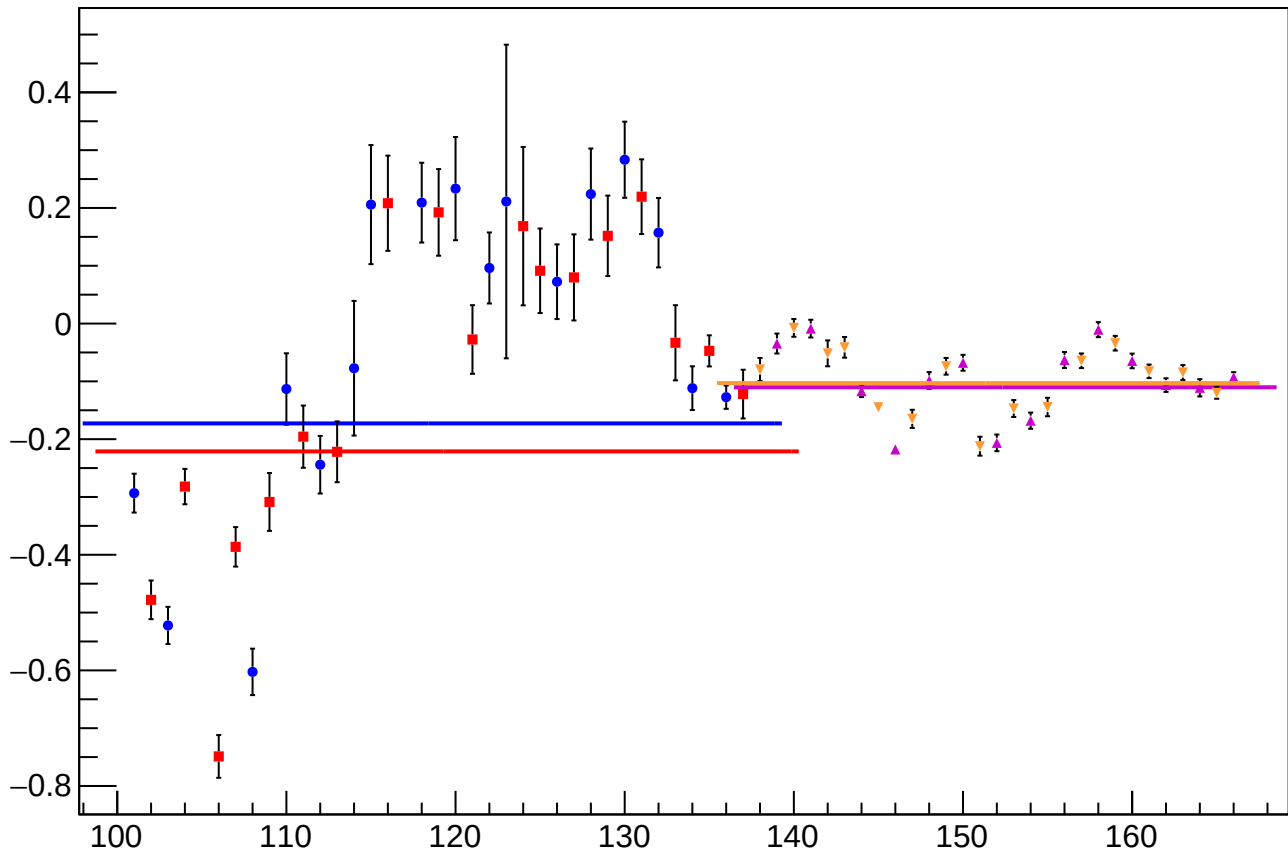
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.545 $\pm$ 0.064 χ^2 /NDF: 1683.3/30

Out: 21.555 $\pm$ 0.069 χ^2 /NDF: 945.7/32

All: 21.550 $\pm$ 0.047 χ^2 /NDF: 2629.1/63

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: -0.103 ± 0.003 χ^2/NDF : 210.1/14

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.110 ± 0.003 χ^2/NDF : 384.6/13

Left: -0.107 ± 0.002 χ^2/NDF : 597.0/28

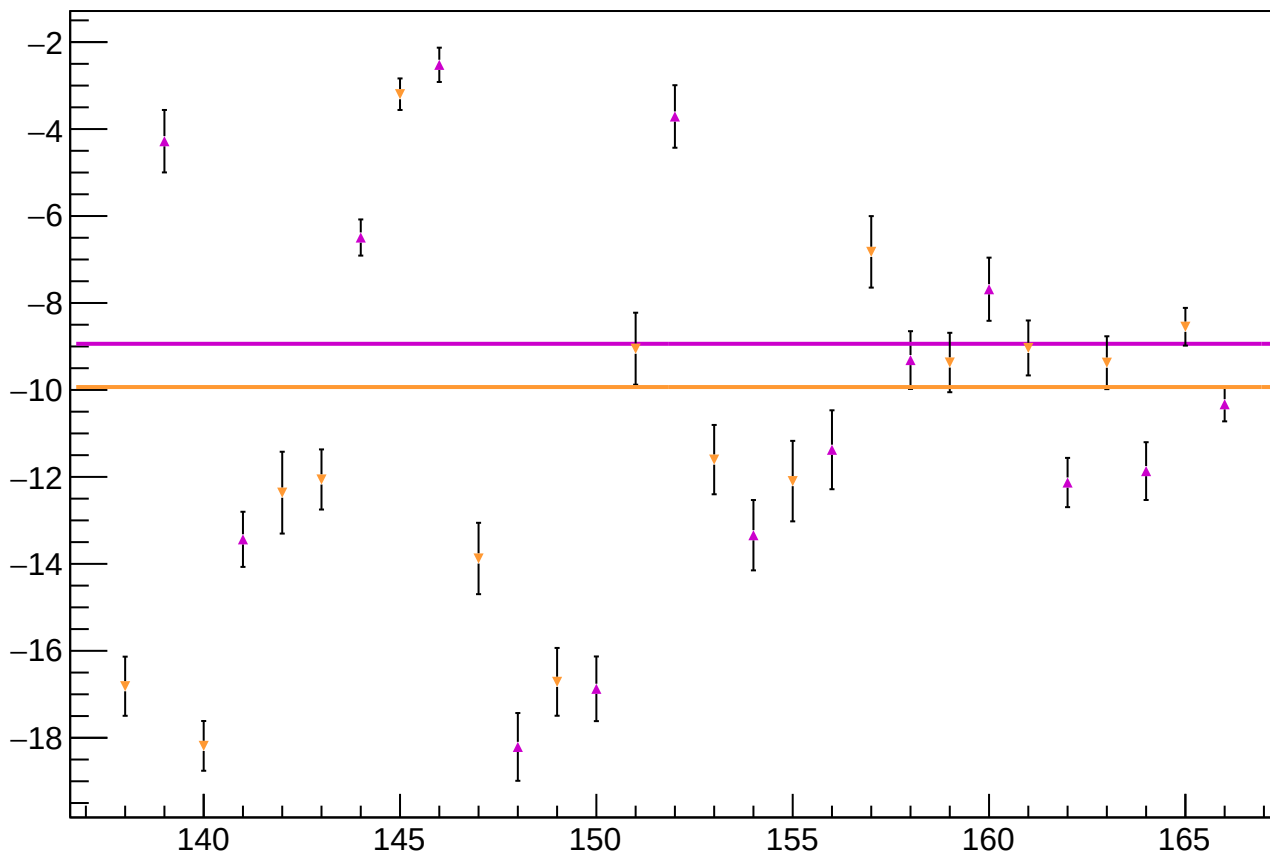
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.115 ± 0.003 χ^2/NDF : 873.6/30

Out: -0.114 ± 0.003 χ^2/NDF : 851.0/32

All: -0.114 ± 0.002 χ^2/NDF : 1724.7/63

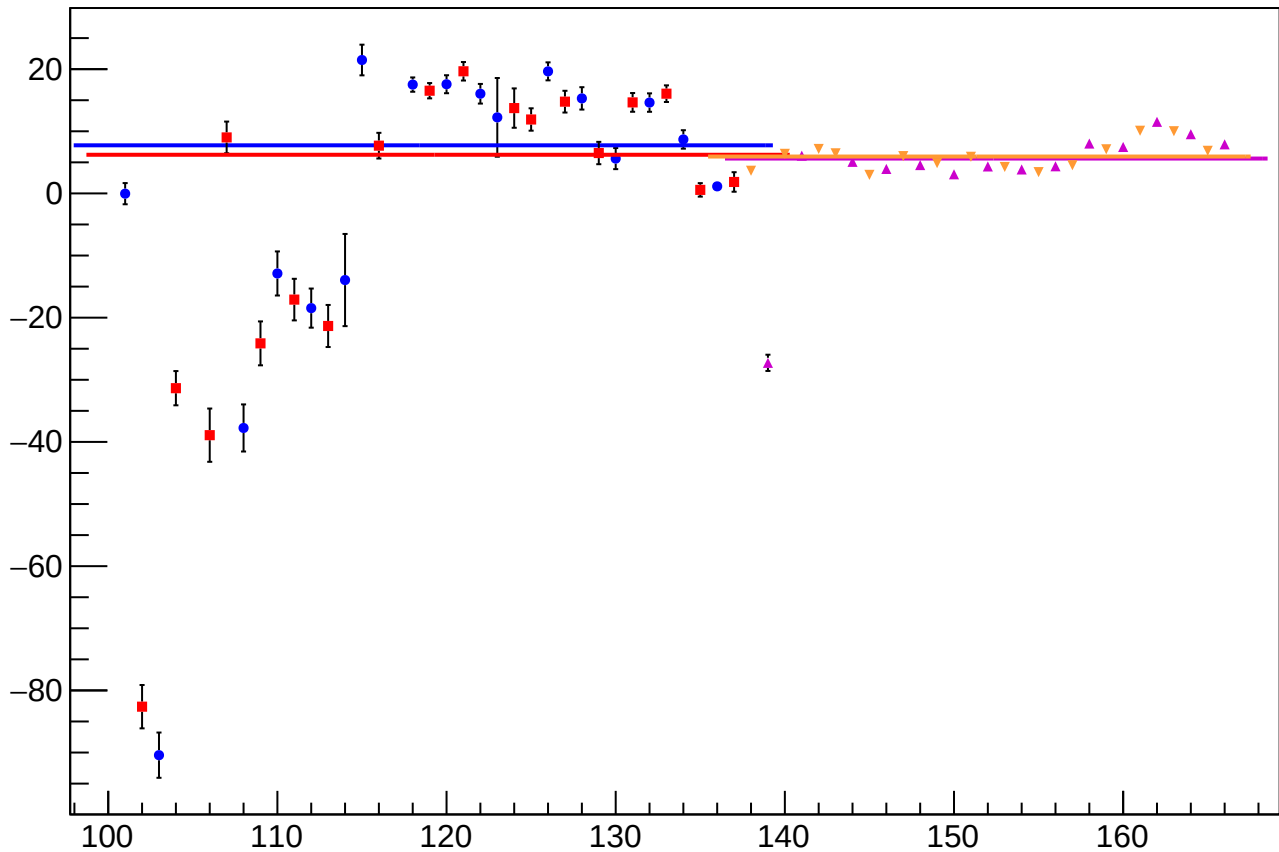
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.933+/-0.163 χ^2/NDF : 809.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.939+/-0.157 χ^2/NDF : 803.5/13

Left: -9.415+/-0.113 χ^2/NDF : 1632.0/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.939+/-0.157 χ^2/NDF : 803.5/13
 Out: -9.933+/-0.163 χ^2/NDF : 809.2/14
 All: -9.415+/-0.113 χ^2/NDF : 1632.0/28

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: 5.937 ± 0.118 χ^2/NDF : 337.0/14

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.612 ± 0.113 χ^2/NDF : 1042.5/13

Left: 5.767 ± 0.082 χ^2/NDF : 1383.4/28

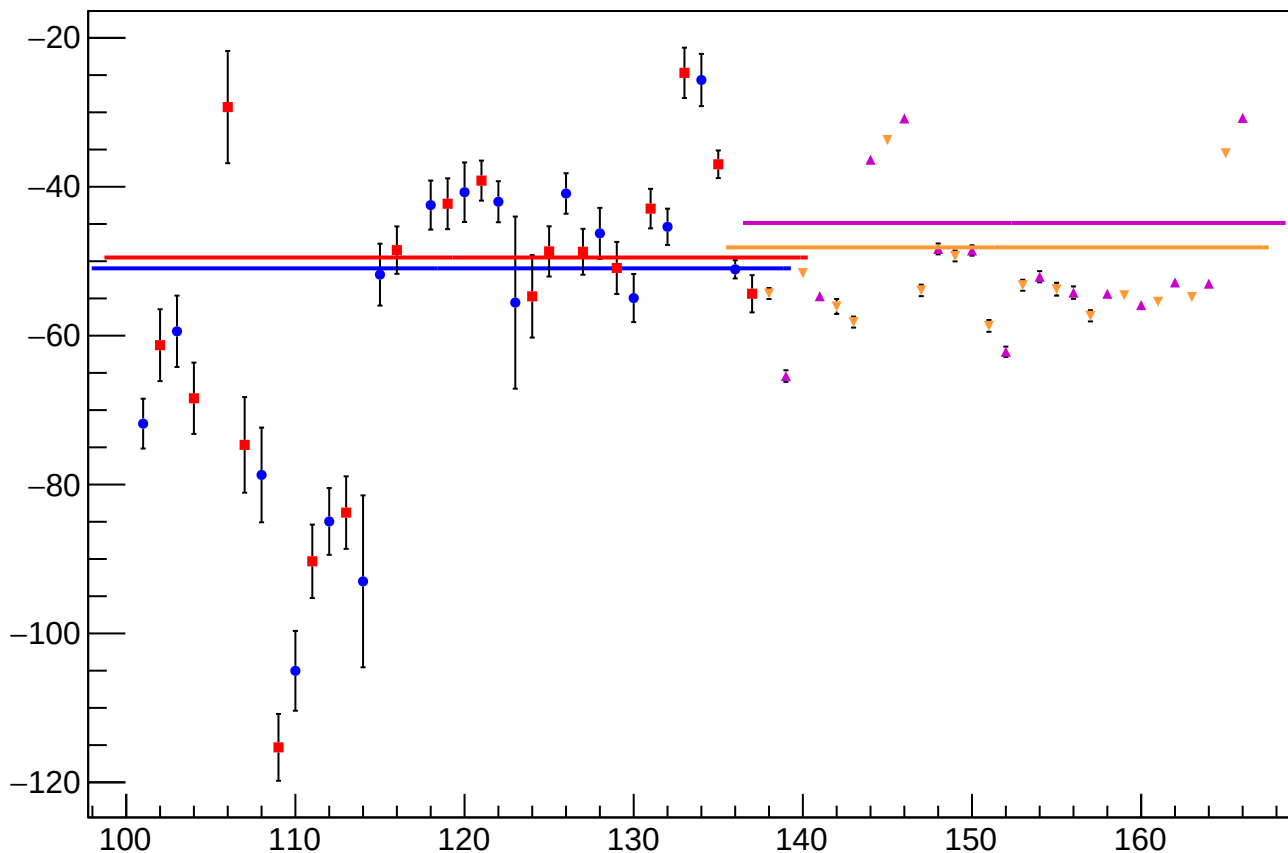
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.767 ± 0.109 χ^2/NDF : 2427.3/30

Out: 5.956 ± 0.114 χ^2/NDF : 1783.3/32

All: 5.857 ± 0.079 χ^2/NDF : 4212.0/63

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 $\pm$ 0.738 χ^2 /NDF: 331.9/16

Left Out: -48.142 $\pm$ 0.163 χ^2 /NDF:3448.9/14

Right Out: -49.502 $\pm$ 0.798 χ^2 /NDF: 506.4/17

Left In: -44.861 $\pm$ 0.154 χ^2 /NDF:5669.8/13

Left: -46.413 $\pm$ 0.112 χ^2 /NDF: 9332.2/28

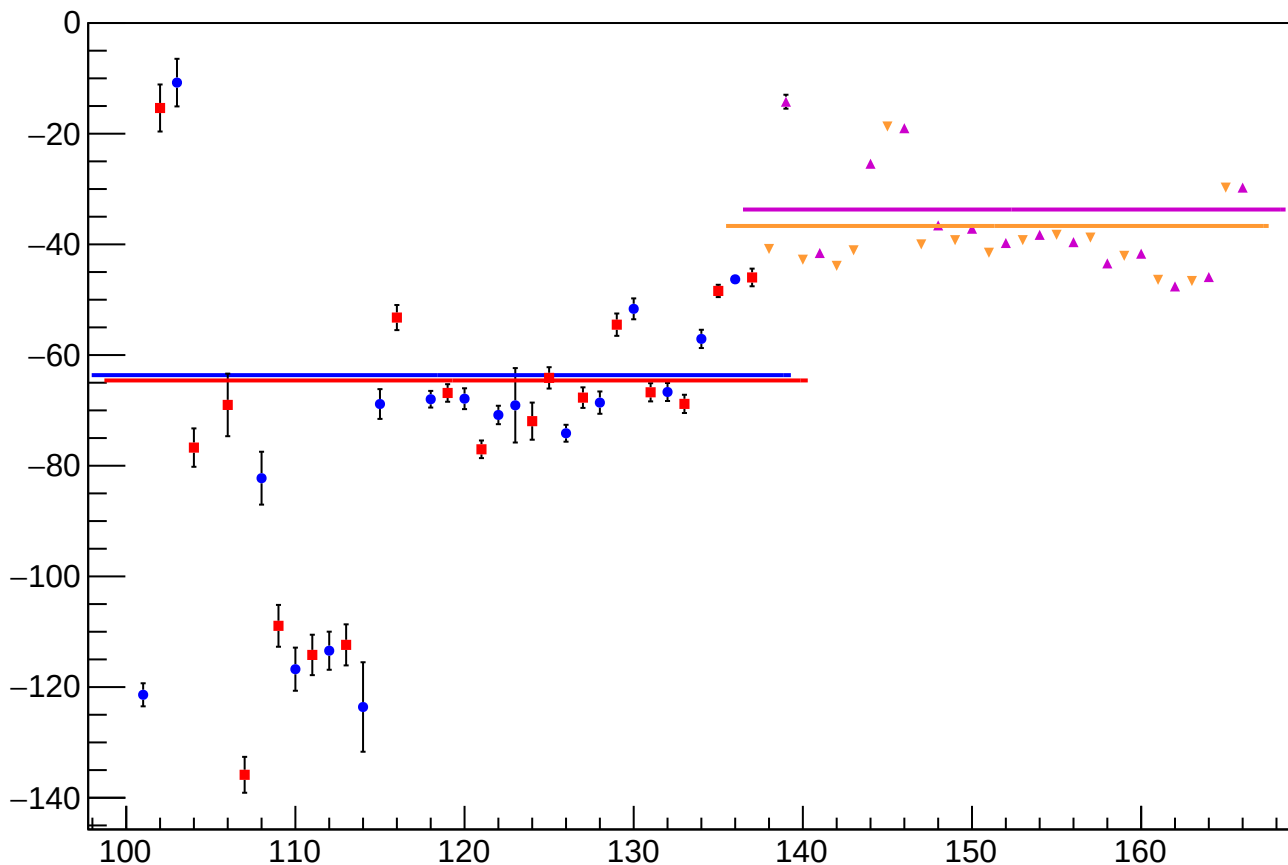
Right: -50.287 $\pm$ 0.542 χ^2 /NDF: 840.1/34

In: -45.117 $\pm$ 0.151 χ^2 /NDF:6067.1/30

Out: -48.196 $\pm$ 0.160 χ^2 /NDF:3958.1/32

All: -46.572 $\pm$ 0.110 χ^2 /NDF: 10221.3/63

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -36.674 ± 0.136 χ^2/NDF : 4640.6/14

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -33.703 ± 0.131 χ^2/NDF : 5521.4/13

Left: -35.133 ± 0.095 χ^2/NDF : 10408.8/28

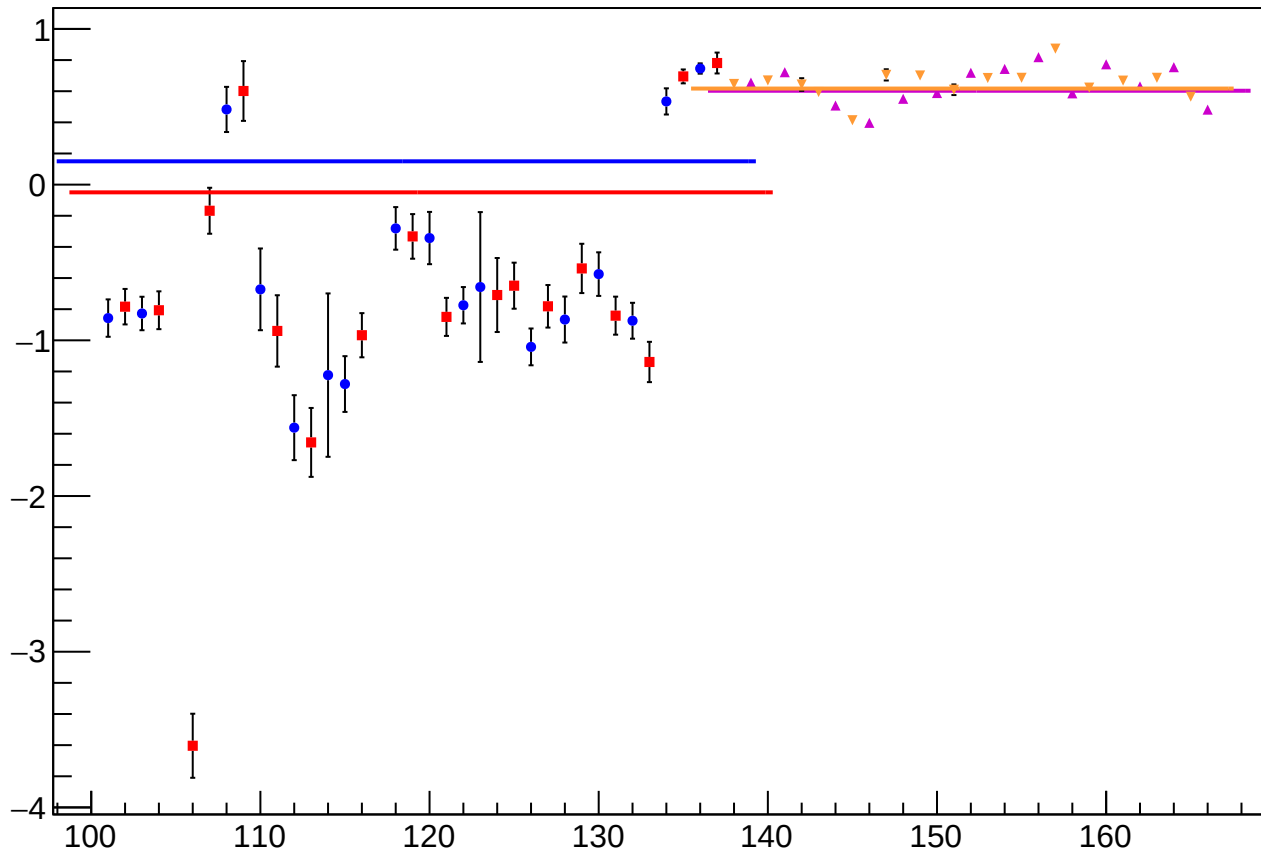
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -36.088 ± 0.126 χ^2/NDF : 11679.4/30

Out: -38.738 ± 0.131 χ^2/NDF : 9339.2/32

All: -37.359 ± 0.091 χ^2/NDF : 21231.1/63

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$

Left Out: 0.617 ± 0.006 $\chi^2/\text{NDF}: 333.8/14$

Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$

Left In: 0.603 ± 0.006 $\chi^2/\text{NDF}: 417.9/13$

Left: 0.610 ± 0.004 $\chi^2/\text{NDF}: 754.2/28$

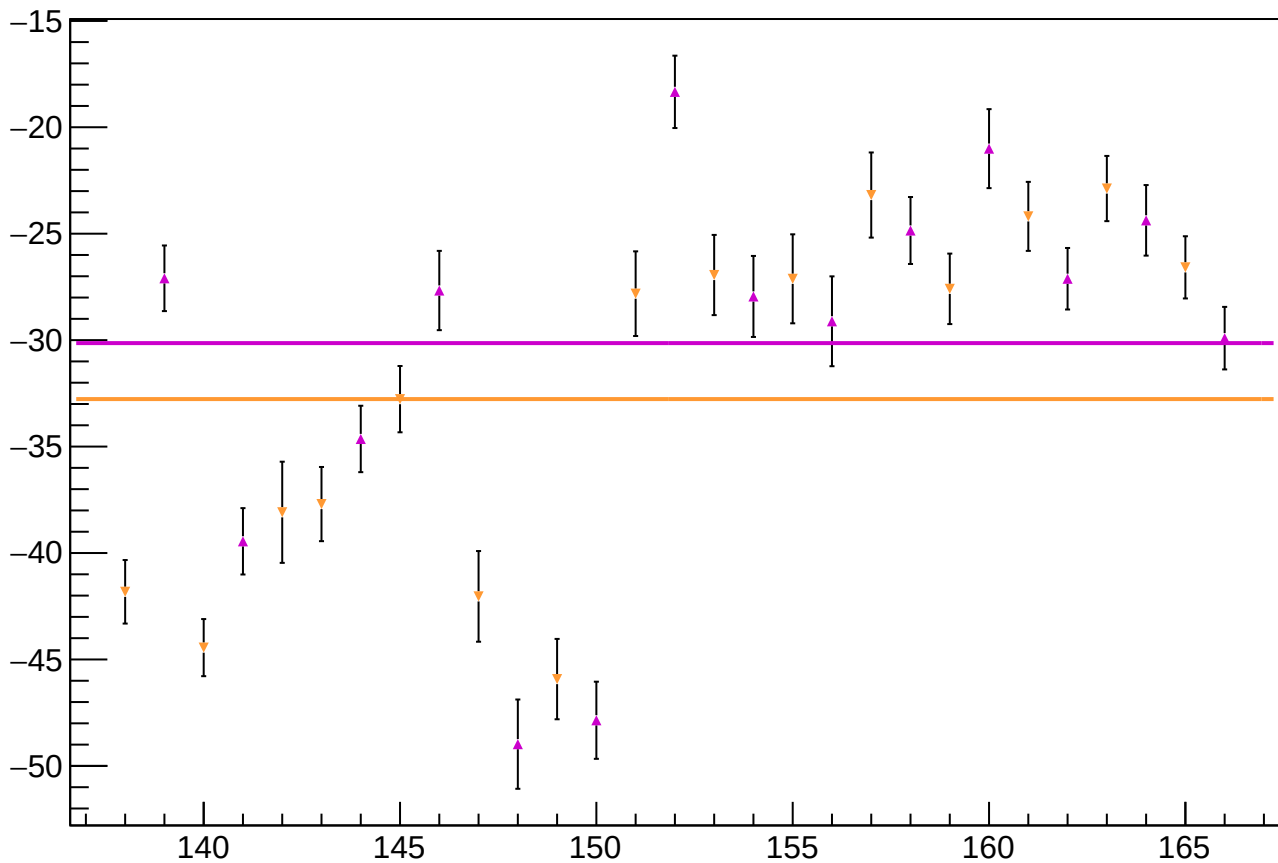
Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$

In: 0.574 ± 0.006 $\chi^2/\text{NDF}: 1741.0/30$

Out: 0.580 ± 0.006 $\chi^2/\text{NDF}: 2097.4/32$

All: 0.577 ± 0.004 $\chi^2/\text{NDF}: 3838.9/63$

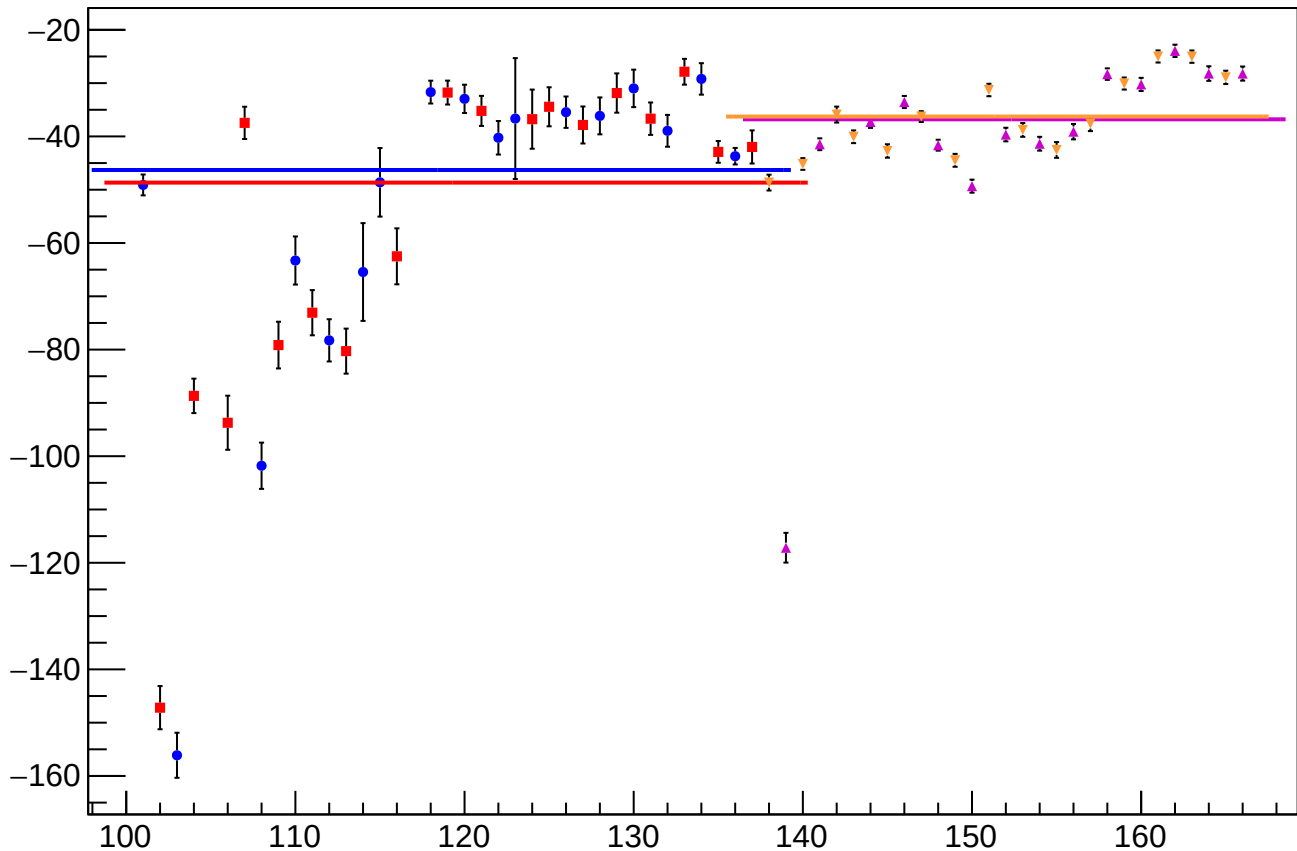
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.769+/-0.444 χ^2/NDF :336.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.140+/-0.451 χ^2/NDF :327.8/13

Left: -31.476+/-0.316 χ^2/NDF : 681.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.140+/-0.451 χ^2/NDF :327.8/13
 Out: -32.769+/-0.444 χ^2/NDF :336.5/14
 All: -31.476+/-0.316 χ^2/NDF : 681.6/28

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: -36.273 ± 0.318 $\chi^2/\text{NDF}: 514.2/14$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -36.789 ± 0.330 $\chi^2/\text{NDF}: 1296.6/13$

Left: -36.521 ± 0.229 $\chi^2/\text{NDF}: 1812.0/28$

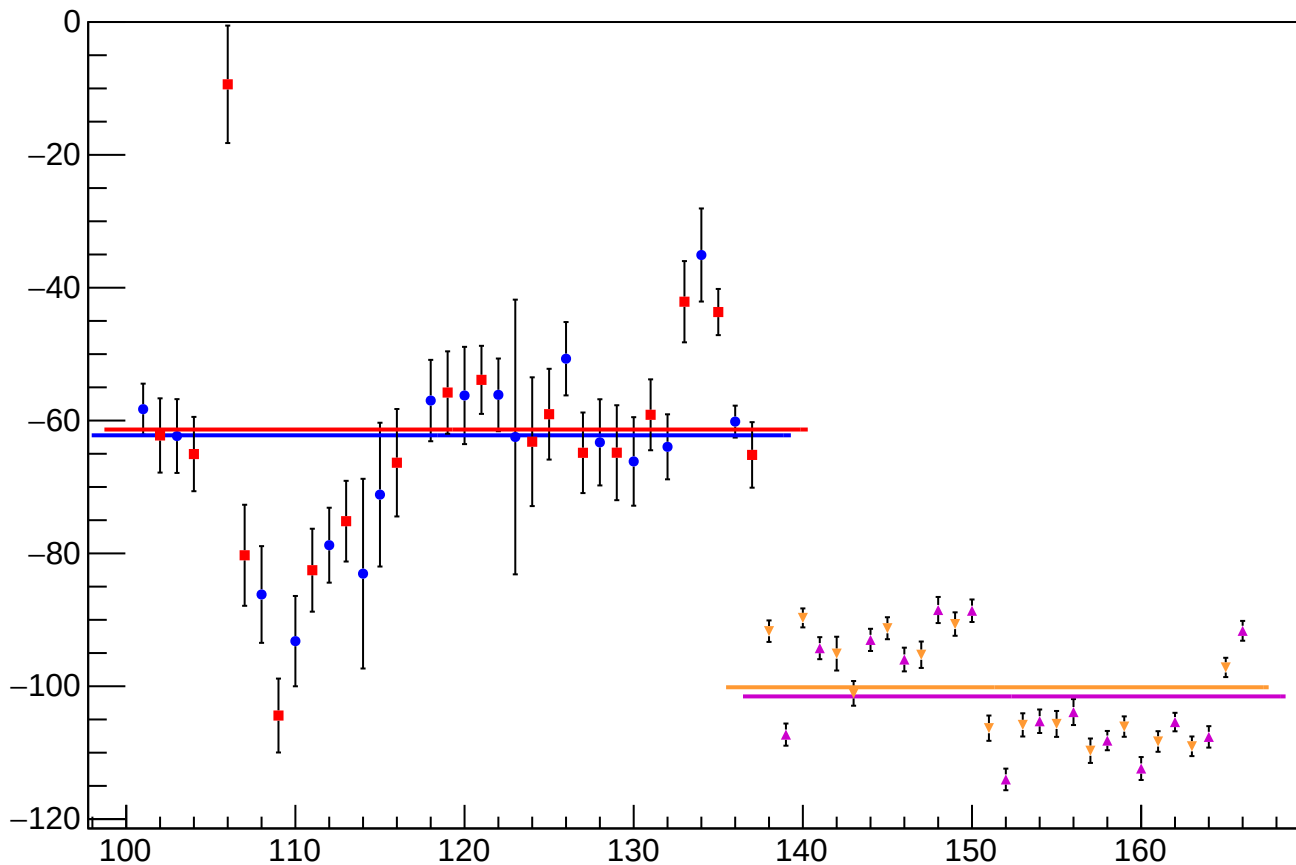
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -38.428 ± 0.300 $\chi^2/\text{NDF}: 2523.6/30$

Out: -38.102 ± 0.293 $\chi^2/\text{NDF}: 1951.1/32$

All: -38.261 ± 0.210 $\chi^2/\text{NDF}: 4475.3/63$

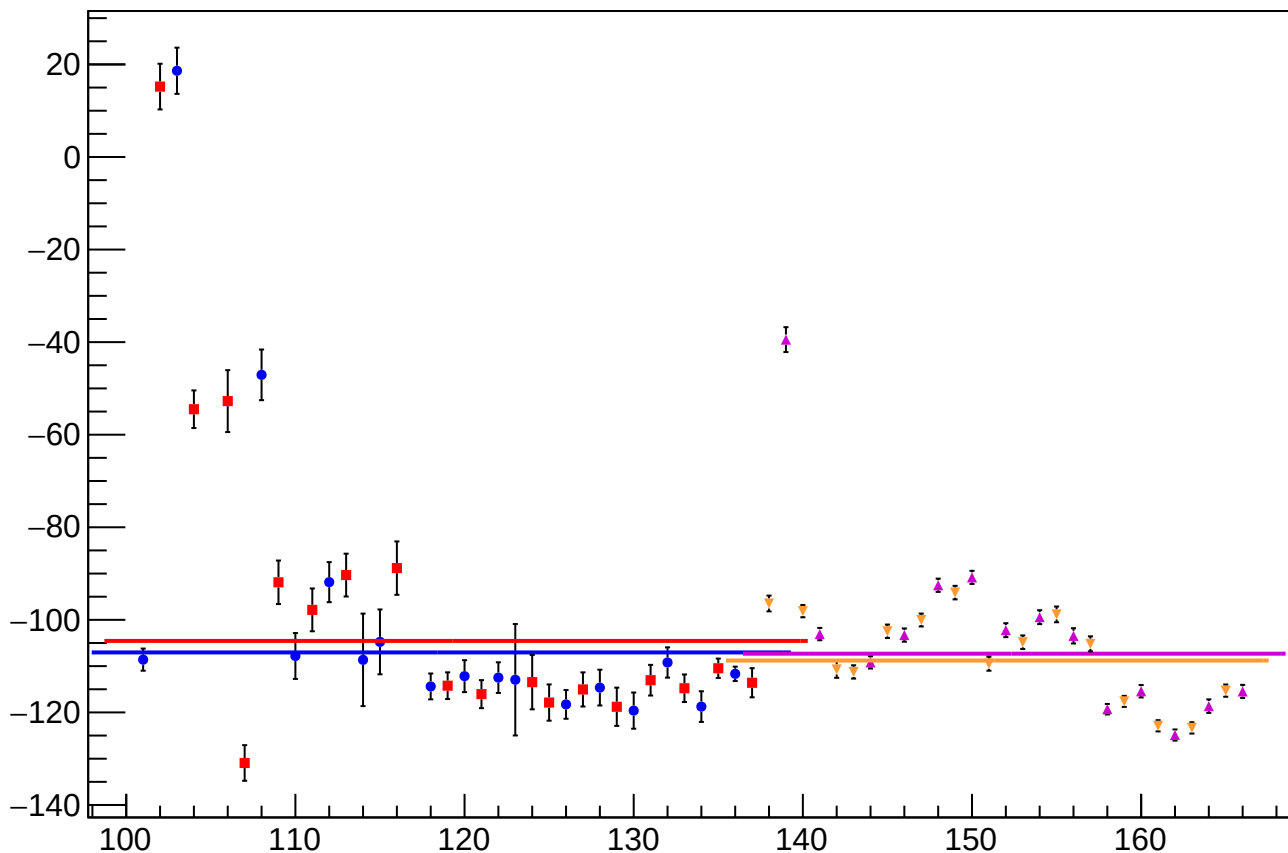
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -100.151 ± 0.439 χ^2/NDF : 287.9/14
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -101.529 ± 0.442 χ^2/NDF : 359.7/13

Left: -100.836 ± 0.311 χ^2/NDF : 652.5/28
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -97.524 ± 0.419 χ^2/NDF : 1233.6/30
 Out: -96.600 ± 0.418 χ^2/NDF : 1161.5/32
 All: -97.061 ± 0.296 χ^2/NDF : 2397.6/63

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.788 ± 0.368 χ^2/NDF : 682.2/14

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -107.310 ± 0.378 χ^2/NDF : 1396.4/13

Left: -108.071 ± 0.264 χ^2/NDF : 2086.4/28

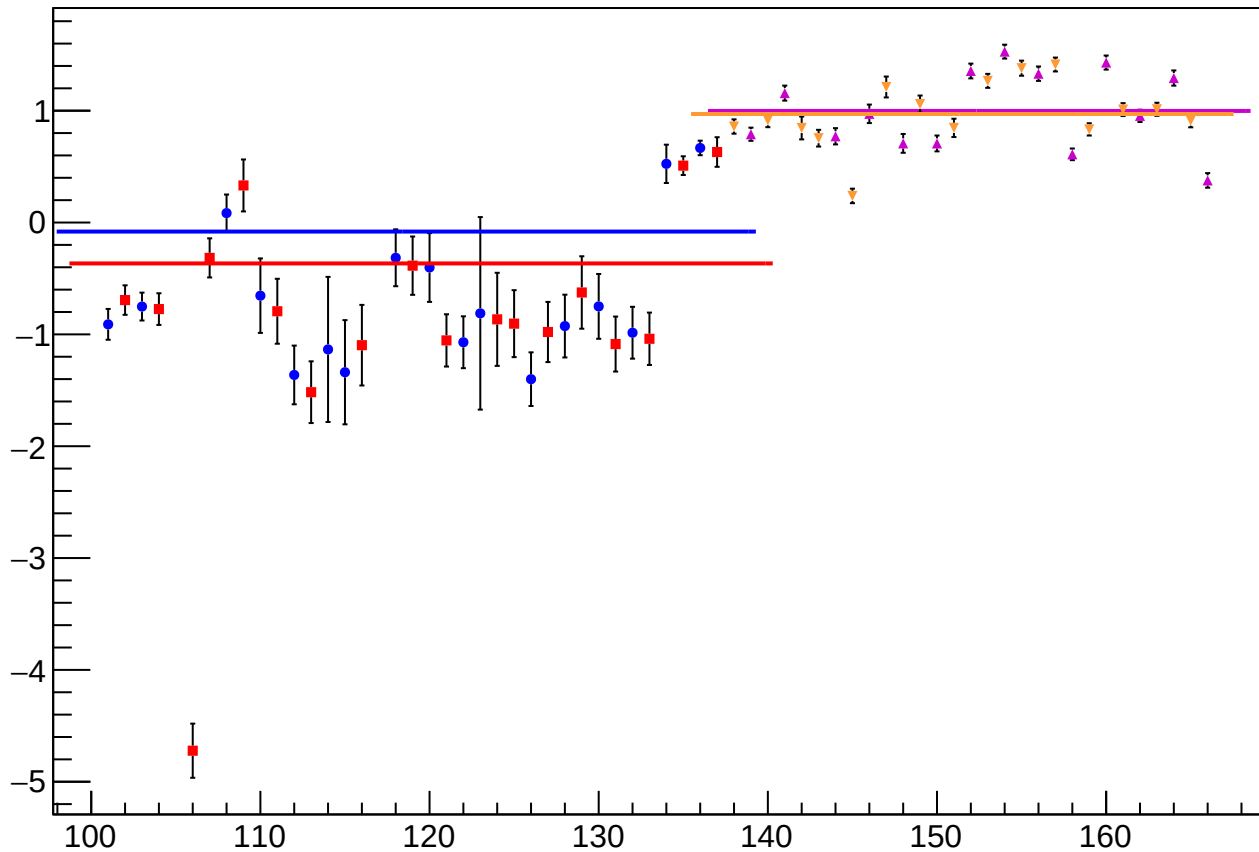
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -107.262 ± 0.343 χ^2/NDF : 2224.3/30

Out: -108.134 ± 0.338 χ^2/NDF : 1670.1/32

All: -107.705 ± 0.241 χ^2/NDF : 3897.7/63

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: 0.971 ± 0.017 χ^2/NDF : 269.9/14

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.998 ± 0.017 χ^2/NDF : 397.9/13

Left: 0.984 ± 0.012 χ^2/NDF : 669.0/28

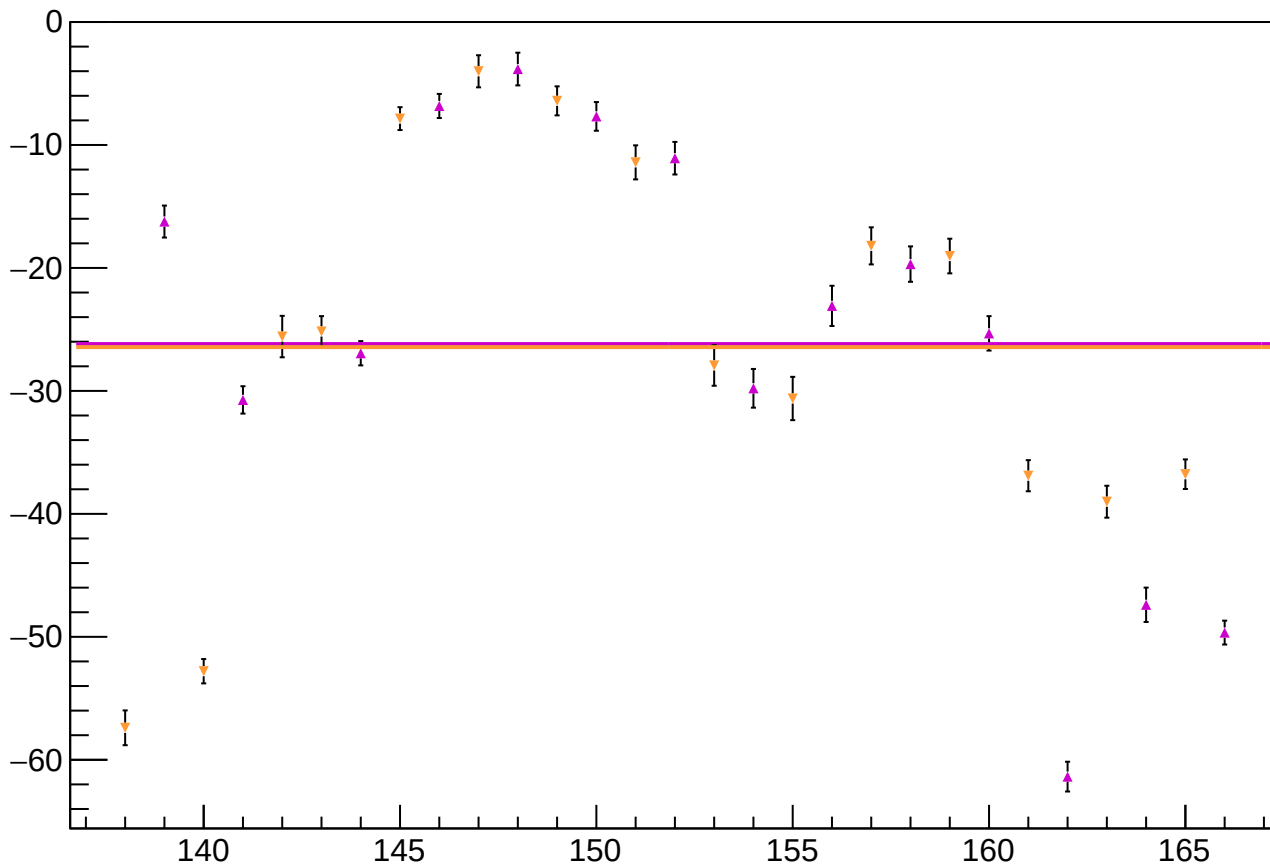
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.842 ± 0.016 χ^2/NDF : 1285.5/30

Out: 0.794 ± 0.016 χ^2/NDF : 1642.6/32

All: 0.818 ± 0.011 χ^2/NDF : 2932.6/63

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: -26.438+/-0.333 χ^2/NDF :2589.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.192+/-0.327 χ^2/NDF :2819.8/13

Left: -26.313+/-0.233 χ^2/NDF : 5409.4/28

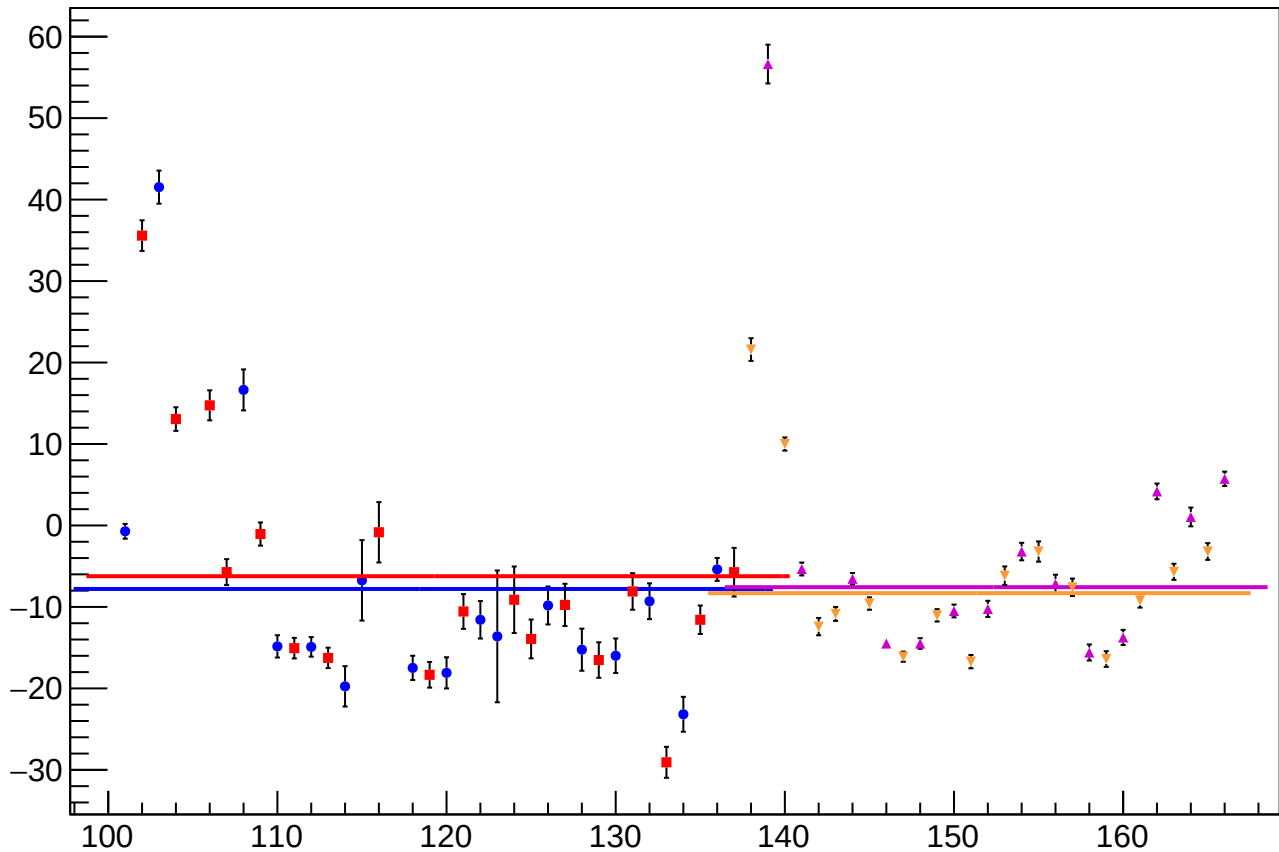
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.192+/-0.327 χ^2/NDF :2819.8/13

Out: -26.438+/-0.333 χ^2/NDF :2589.4/14

All: -26.313+/-0.233 χ^2/NDF : 5409.4/28

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.309 ± 0.233 χ^2/NDF : 1399.2/14

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -7.574 ± 0.233 χ^2/NDF : 1558.2/13

Left: -7.942 ± 0.165 χ^2/NDF : 2962.3/28

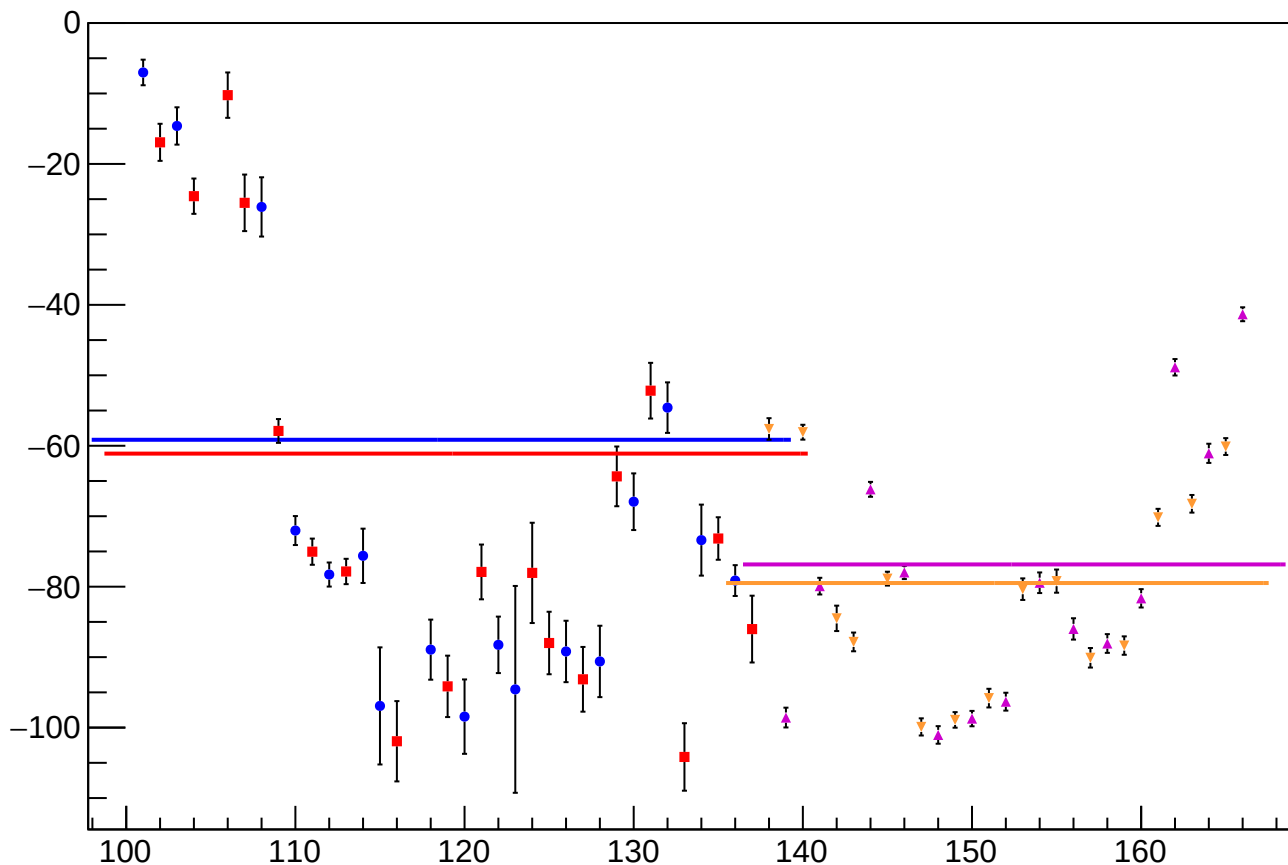
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -7.624 ± 0.205 χ^2/NDF : 2541.1/30

Out: -7.838 ± 0.205 χ^2/NDF : 2600.2/32

All: -7.731 ± 0.145 χ^2/NDF : 5141.8/63

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: -79.481 ± 0.329 χ^2/NDF : 1913.4/14

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -76.842 ± 0.321 χ^2/NDF : 3488.3/13

Left: -78.127 ± 0.230 χ^2/NDF : 5434.6/28

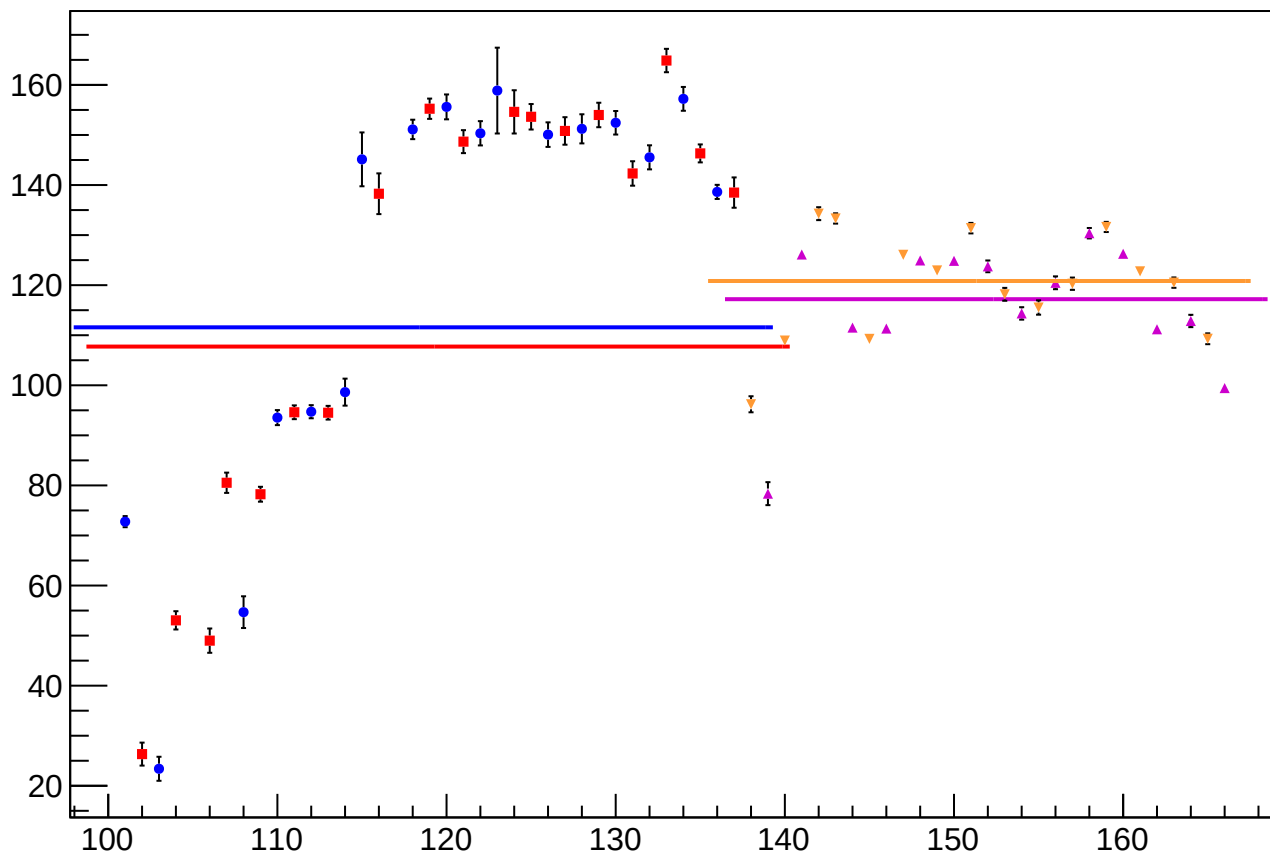
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -74.074 ± 0.295 χ^2/NDF : 5682.1/30

Out: -76.211 ± 0.299 χ^2/NDF : 3784.8/32

All: -75.129 ± 0.210 χ^2/NDF : 9492.8/63

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.834 $\pm$ 0.273 χ^2 /NDF:1207.6/14

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 117.200 $\pm$ 0.272 χ^2 /NDF:1309.9/13

Left: 119.009 $\pm$ 0.193 χ^2 /NDF: 2606.2/28

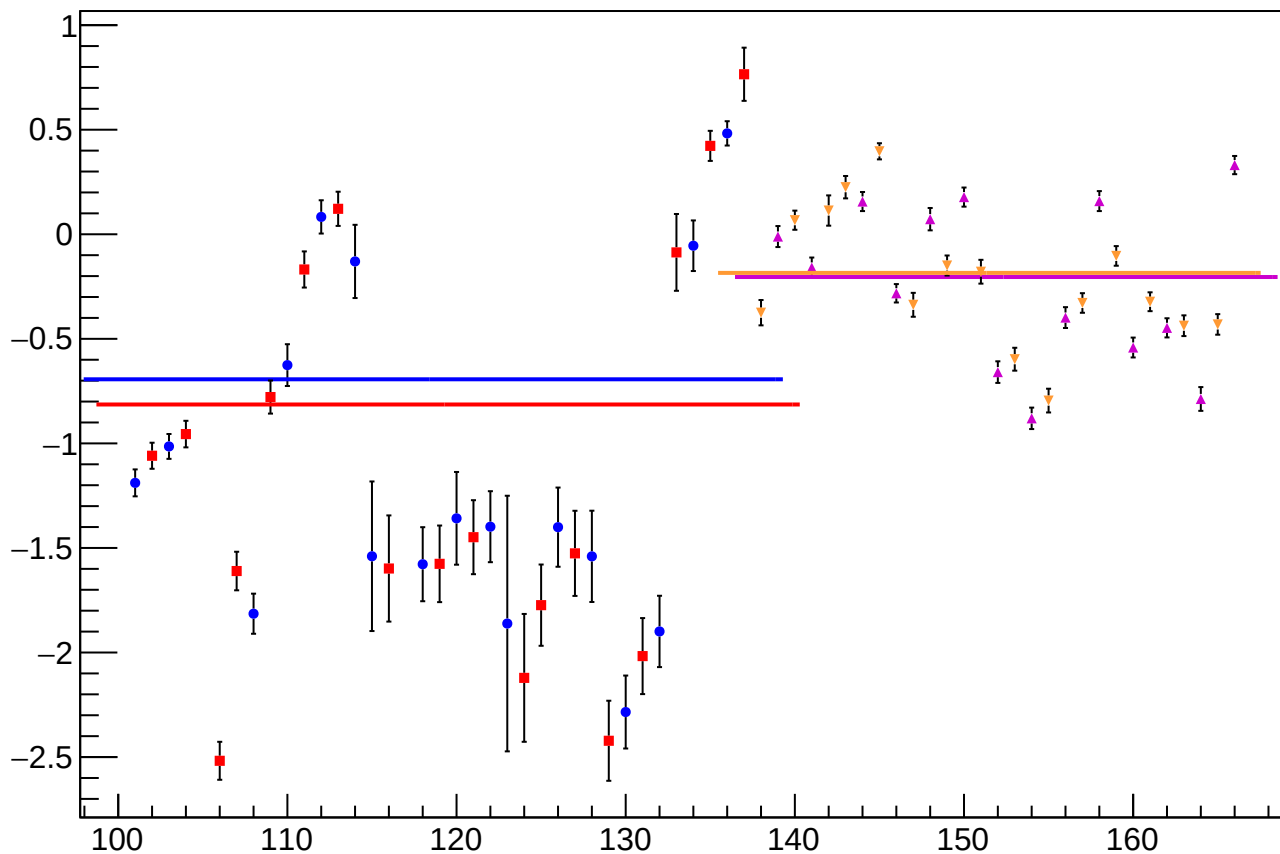
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 115.864 $\pm$ 0.238 χ^2 /NDF:7357.2/30

Out: 117.709 $\pm$ 0.239 χ^2 /NDF:8591.1/32

All: 116.783 $\pm$ 0.168 χ^2 /NDF: 15978.3/63

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 $\chi^2/\text{NDF}: 990.7/16$

Left Out: -0.185 ± 0.013 $\chi^2/\text{NDF}: 595.5/14$

Right Out: -0.814 ± 0.024 $\chi^2/\text{NDF}: 1308.8/17$

Left In: -0.204 ± 0.013 $\chi^2/\text{NDF}: 836.9/13$

Left: -0.195 ± 0.009 $\chi^2/\text{NDF}: 1433.6/28$

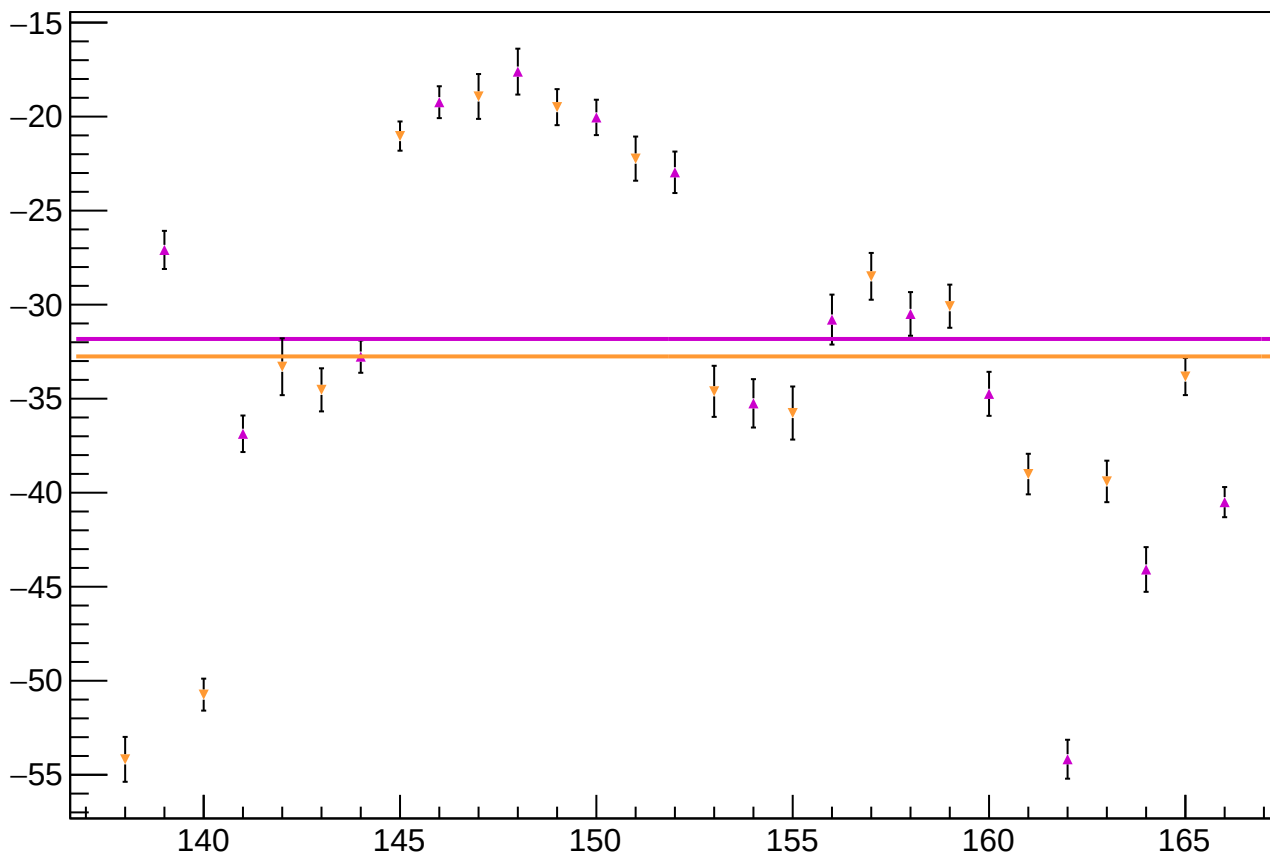
Right: -0.757 ± 0.018 $\chi^2/\text{NDF}: 2310.9/34$

In: -0.302 ± 0.012 $\chi^2/\text{NDF}: 2115.0/30$

Out: -0.324 ± 0.012 $\chi^2/\text{NDF}: 2419.0/32$

All: -0.313 ± 0.008 $\chi^2/\text{NDF}: 4535.7/63$

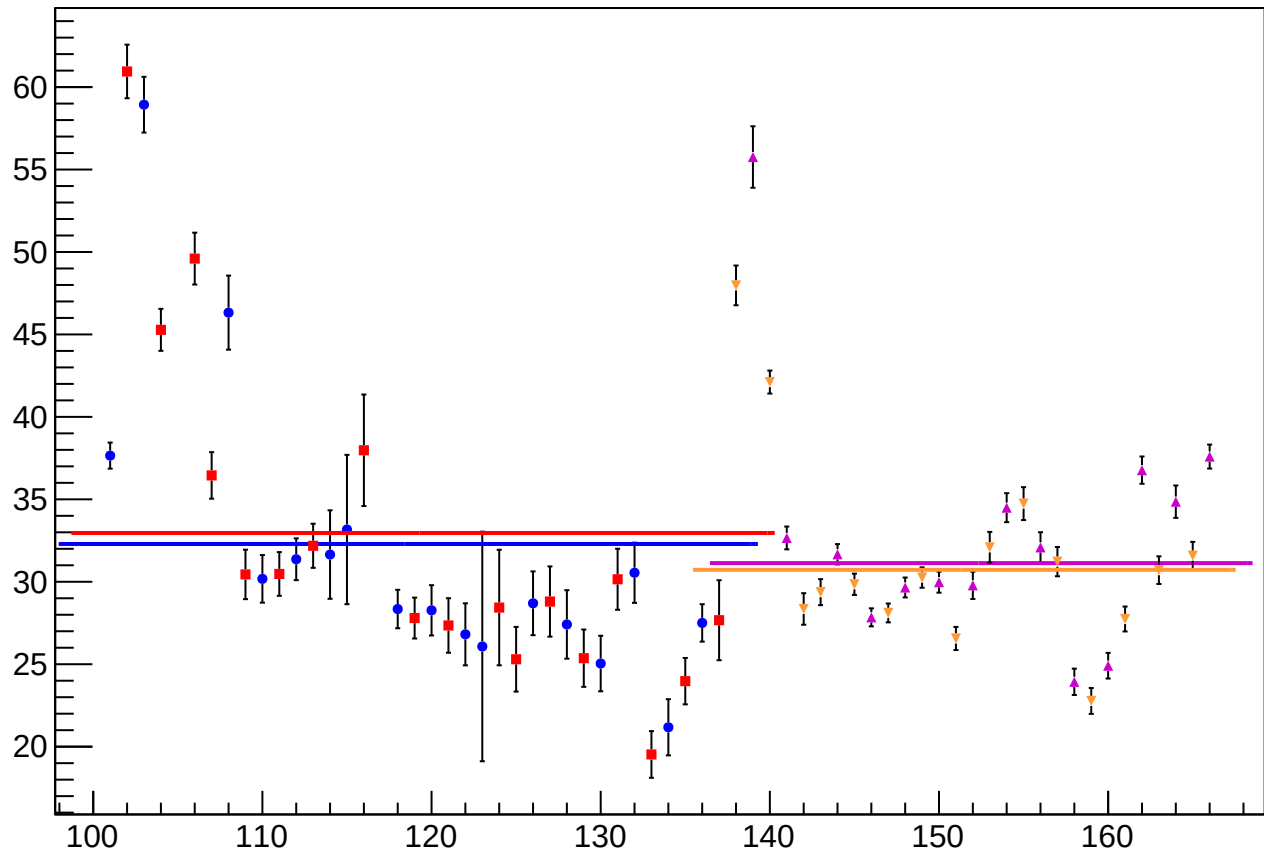
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.753+/-0.281 χ^2/NDF :1500.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.825+/-0.275 χ^2/NDF :1333.1/13

Left: -32.278+/-0.197 χ^2/NDF : 2839.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -31.825+/-0.275 χ^2/NDF :1333.1/13
 Out: -32.753+/-0.281 χ^2/NDF :1500.8/14
 All: -32.278+/-0.197 χ^2/NDF : 2839.5/28

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 30.726+/-0.199 χ^2/NDF : 676.9/14

Right Out: 32.960+/-0.380 χ^2/NDF : 724.0/17

Left In: 31.132+/-0.199 χ^2/NDF : 529.2/13

Left: 30.929+/-0.141 χ^2/NDF : 1208.2/28

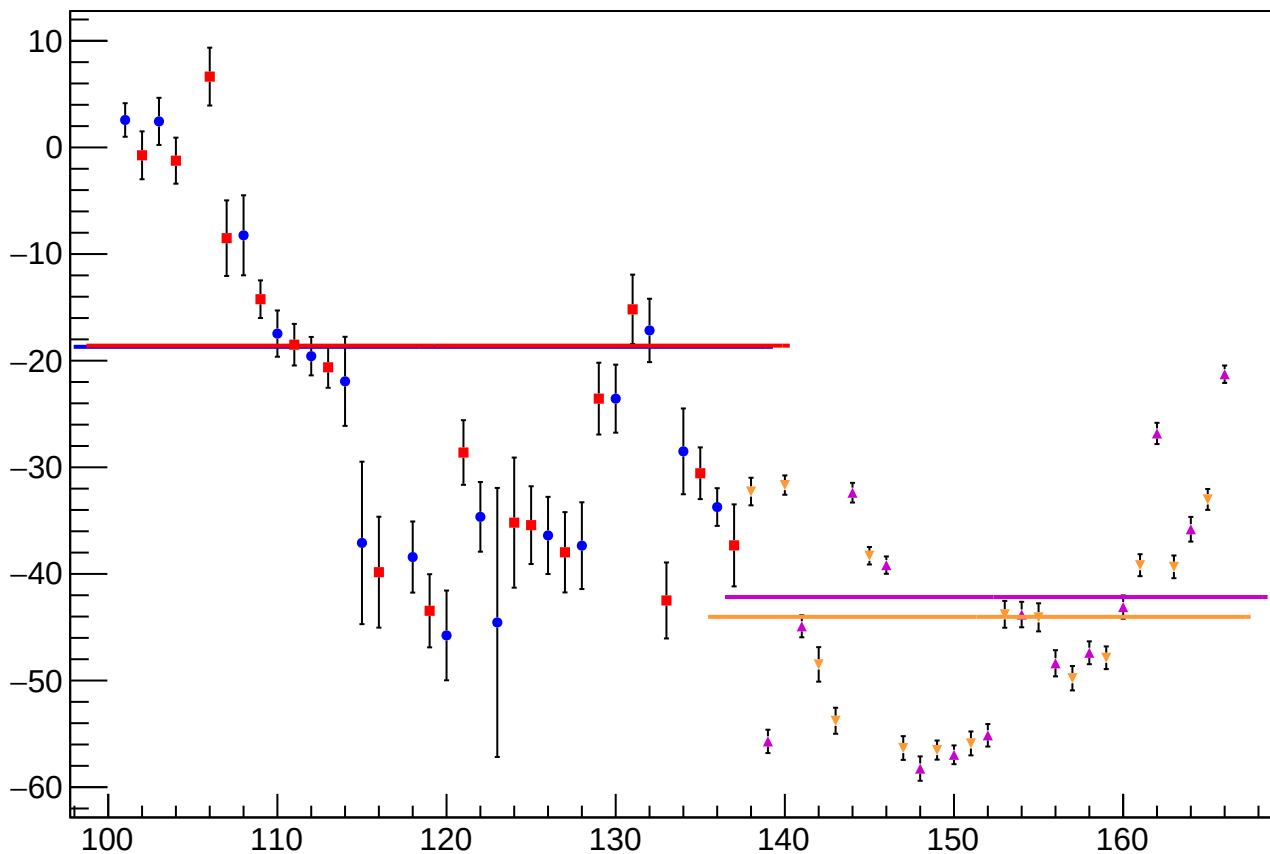
Right: 32.620+/-0.266 χ^2/NDF : 1178.1/34

In: 31.390+/-0.176 χ^2/NDF : 989.2/30

Out: 31.208+/-0.176 χ^2/NDF : 1428.1/32

All: 31.299+/-0.125 χ^2/NDF : 2417.9/63

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -44.026 ± 0.278 χ^2/NDF : 1024.0/14

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -42.166 ± 0.270 χ^2/NDF : 1892.3/13

Left: -43.068 ± 0.194 χ^2/NDF : 2939.3/28

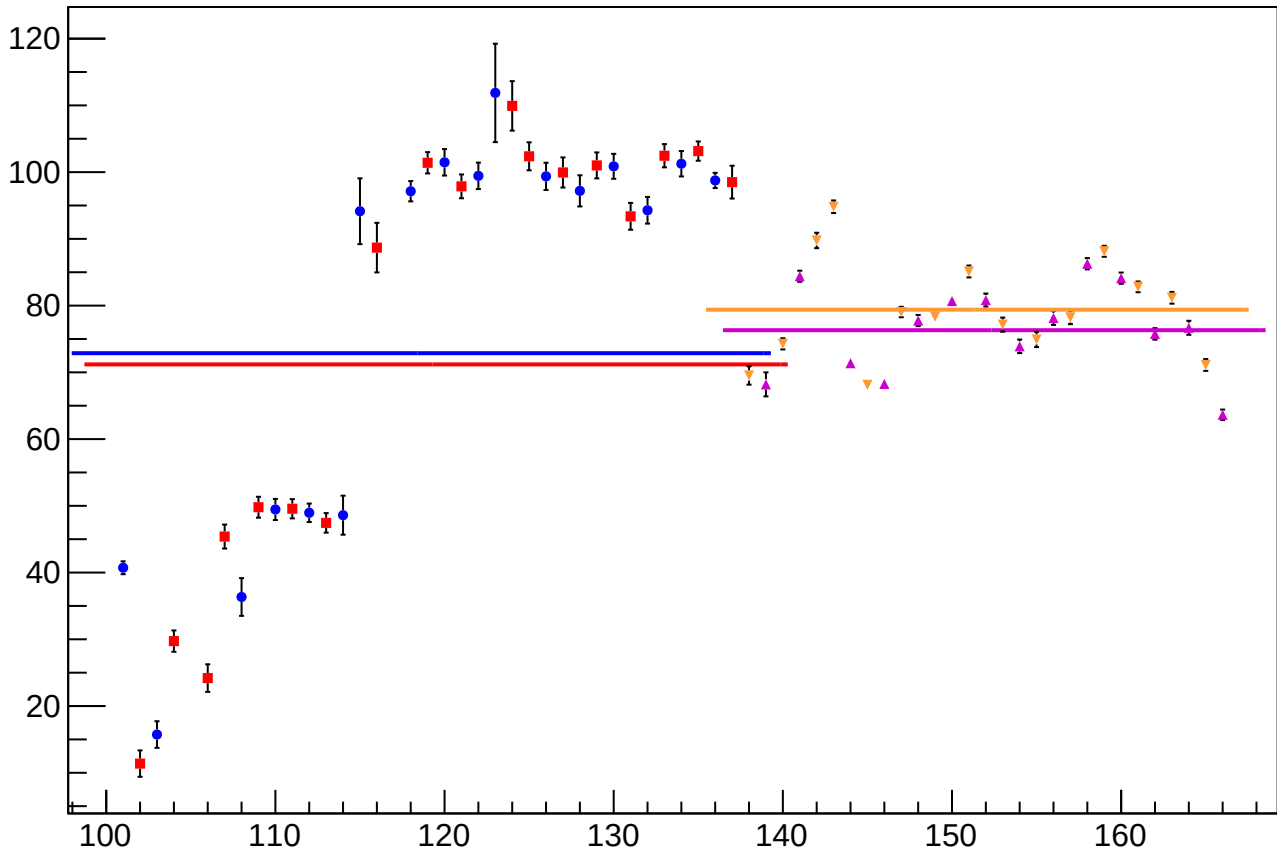
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -38.863 ± 0.250 χ^2/NDF : 3476.5/30

Out: -40.065 ± 0.256 χ^2/NDF : 2787.9/32

All: -39.451 ± 0.179 χ^2/NDF : 6275.7/63

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 79.389+/-0.233 χ^2/NDF : 951.2/14

Right Out: 71.190+/-0.434 χ^2/NDF : 5375.1/17

Left In: 76.316+/-0.231 χ^2/NDF : 861.9/13

Left: 77.841+/-0.164 χ^2/NDF : 1901.1/28

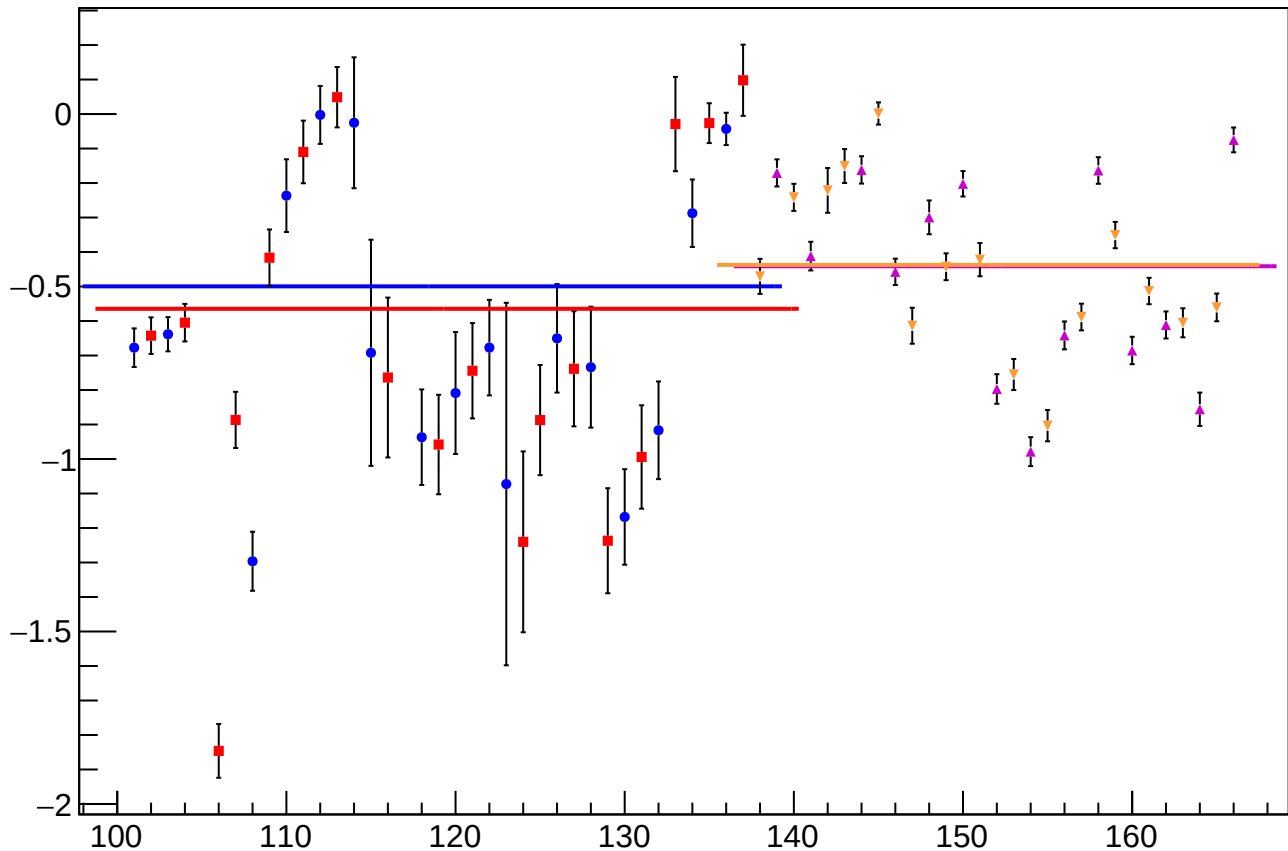
Right: 72.045+/-0.304 χ^2/NDF : 10109.9/34

In: 75.535+/-0.203 χ^2/NDF : 5639.5/30

Out: 77.561+/-0.205 χ^2/NDF : 6603.6/32

All: 76.538+/-0.144 χ^2/NDF : 12292.3/63

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: -0.437 ± 0.011 χ^2/NDF : 472.5/14

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.441 ± 0.011 χ^2/NDF : 692.0/13

Left: -0.439 ± 0.008 χ^2/NDF : 1164.6/28

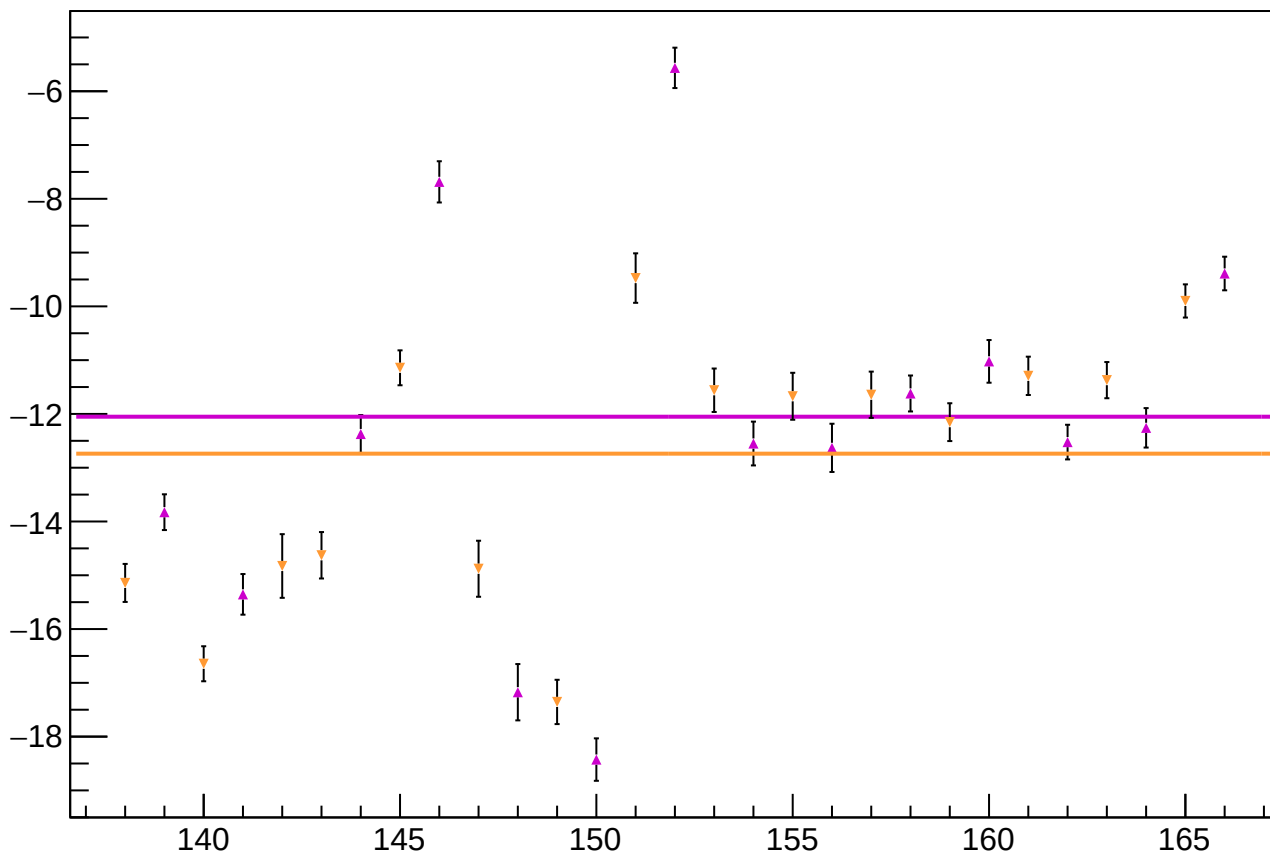
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.452 ± 0.010 χ^2/NDF : 1000.1/30

Out: -0.464 ± 0.010 χ^2/NDF : 1059.6/32

All: -0.458 ± 0.007 χ^2/NDF : 2060.4/63

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



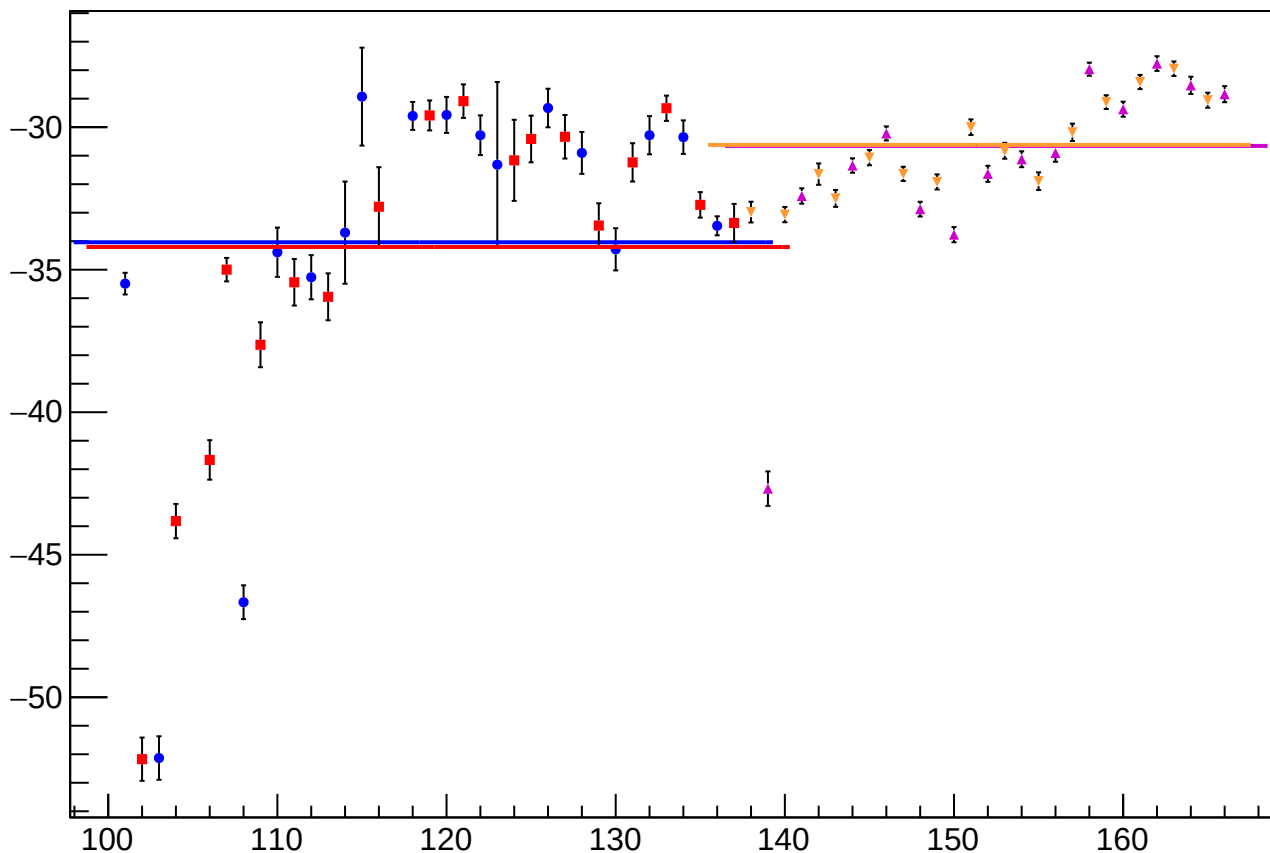
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.739+/-0.099 χ^2/NDF :580.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.052+/-0.099 χ^2/NDF :977.4/13

Left: -12.395+/-0.070 χ^2/NDF : 1581.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.052+/-0.099 χ^2/NDF :977.4/13
 Out: -12.739+/-0.099 χ^2/NDF :580.3/14

All: -12.395+/-0.070 χ^2/NDF : 1581.7/28

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: -30.622 ± 0.072 χ^2/NDF : 501.5/14

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.657 ± 0.073 χ^2/NDF : 1048.4/13

Left: -30.639 ± 0.051 χ^2/NDF : 1550.0/28

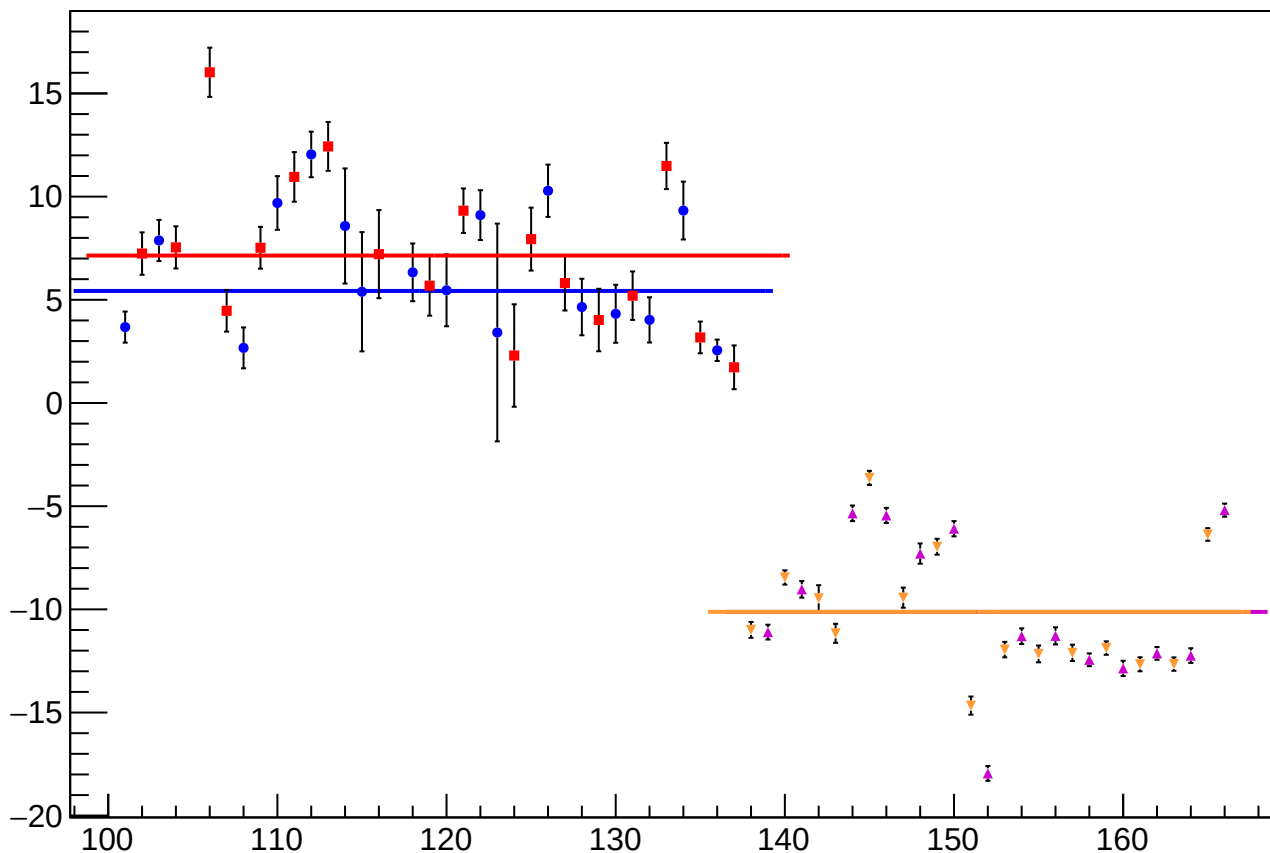
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.305 ± 0.066 χ^2/NDF : 2797.1/30

Out: -31.284 ± 0.065 χ^2/NDF : 2282.3/32

All: -31.294 ± 0.046 χ^2/NDF : 5079.5/63

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -10.121 ± 0.098 χ^2/NDF : 936.9/14

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -10.124 ± 0.097 χ^2/NDF : 1410.9/13

Left: -10.123 ± 0.069 χ^2/NDF : 2347.9/28

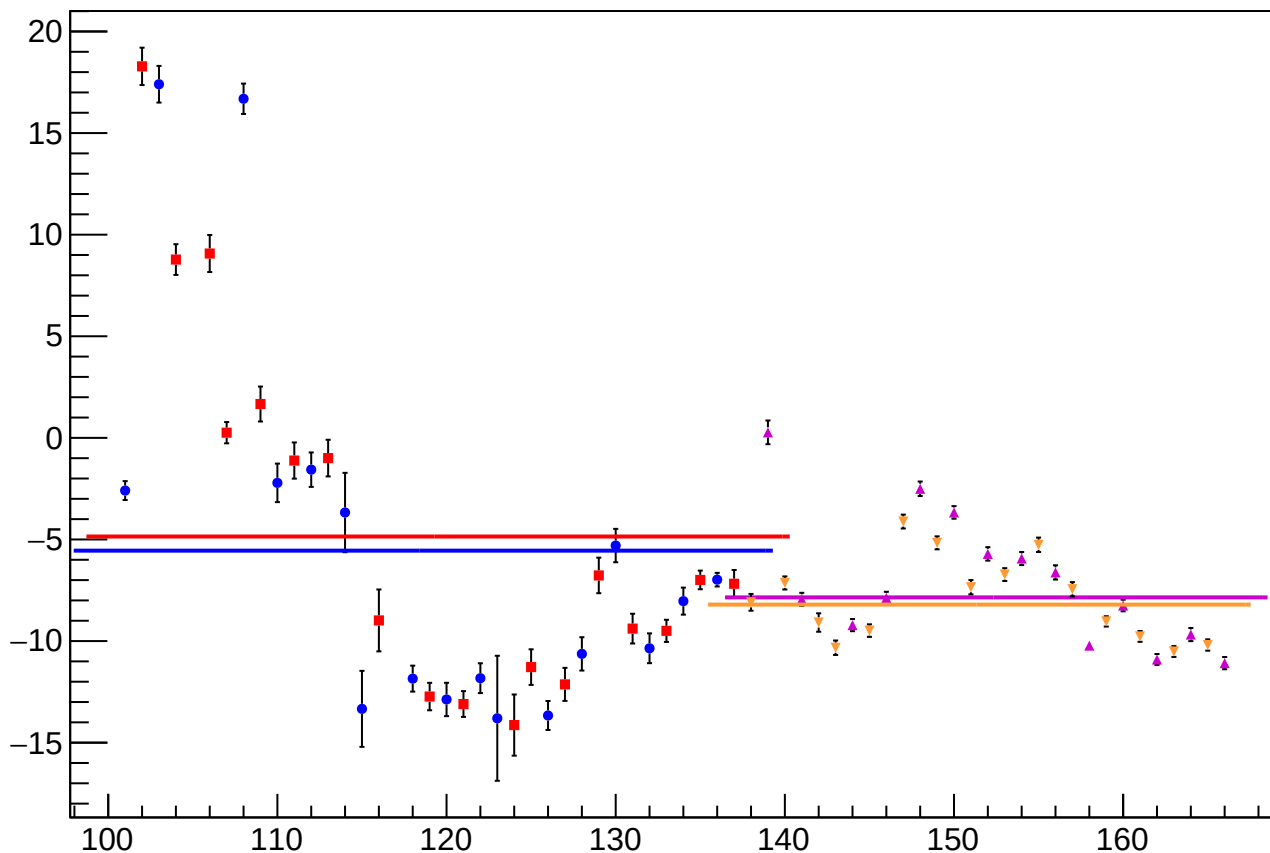
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -8.346 ± 0.091 χ^2/NDF : 4484.8/30

Out: -8.183 ± 0.092 χ^2/NDF : 4615.9/32

All: -8.265 ± 0.065 χ^2/NDF : 9102.3/63

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: -8.205 ± 0.082 χ^2/NDF : 571.2/14

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.851 ± 0.084 χ^2/NDF : 1083.8/13

Left: -8.031 ± 0.059 χ^2/NDF : 1664.2/28

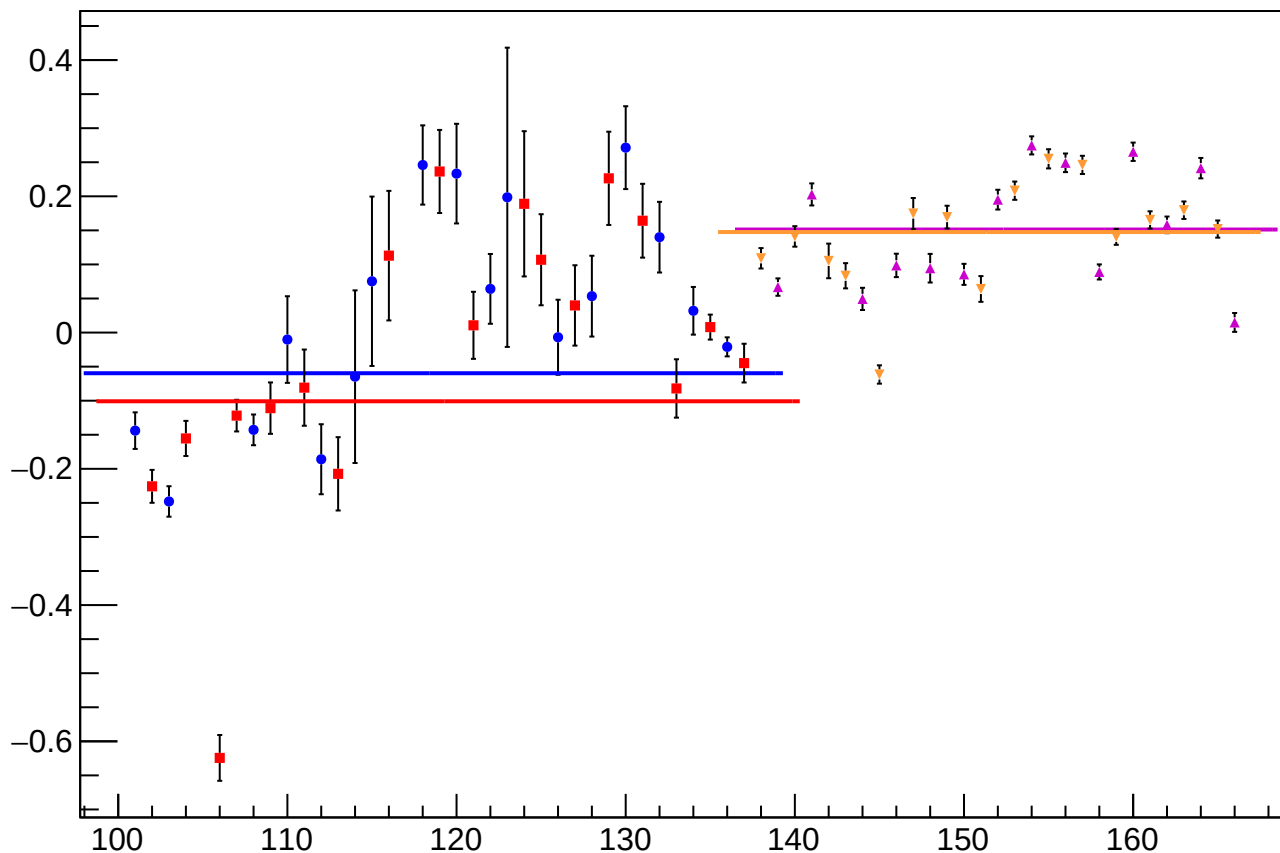
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.403 ± 0.075 χ^2/NDF : 3357.7/30

Out: -7.585 ± 0.074 χ^2/NDF : 2890.7/32

All: -7.495 ± 0.053 χ^2/NDF : 6251.4/63

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: 0.148 ± 0.004 χ^2/NDF : 428.0/14

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.151 ± 0.004 χ^2/NDF : 511.8/13

Left: 0.149 ± 0.003 χ^2/NDF : 940.2/28

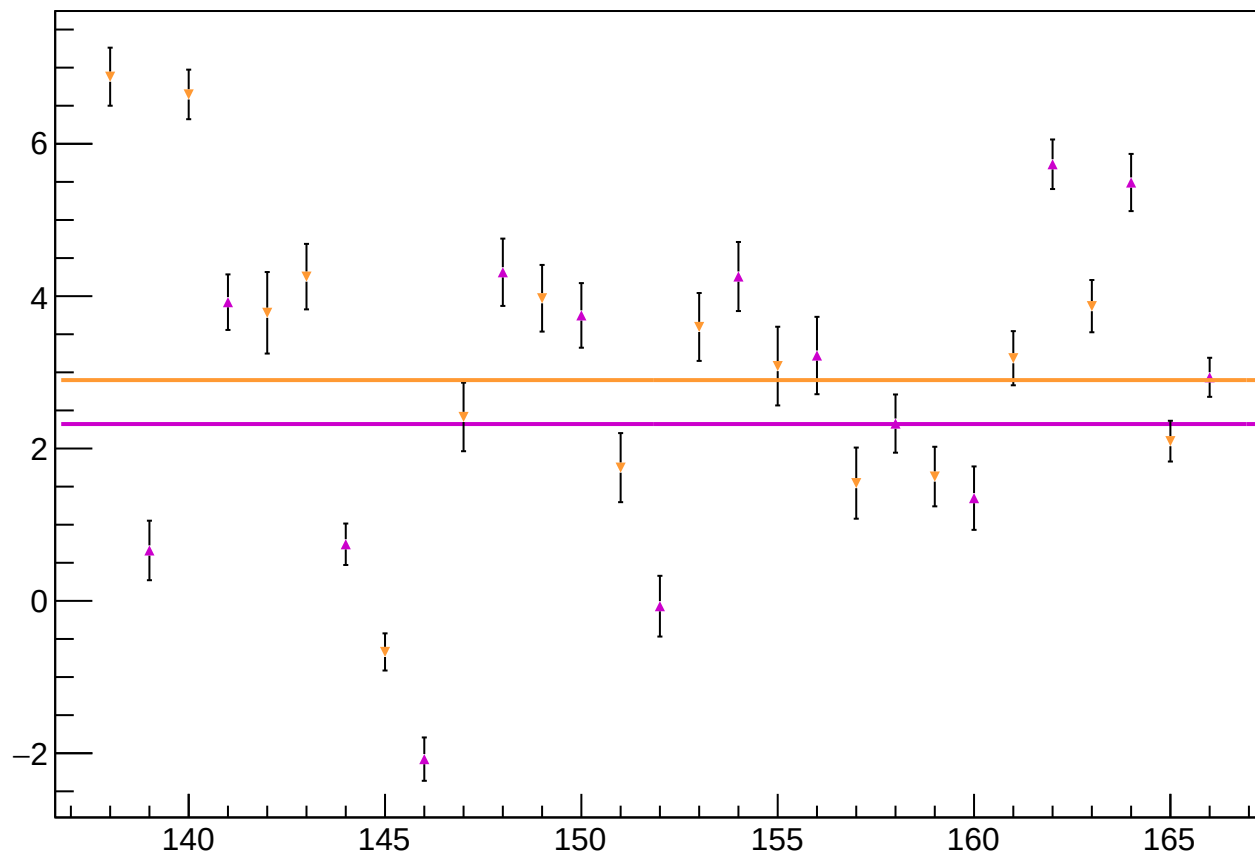
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.115 ± 0.003 χ^2/NDF : 1252.5/30

Out: 0.106 ± 0.003 χ^2/NDF : 1576.4/32

All: 0.111 ± 0.002 χ^2/NDF : 2832.8/63

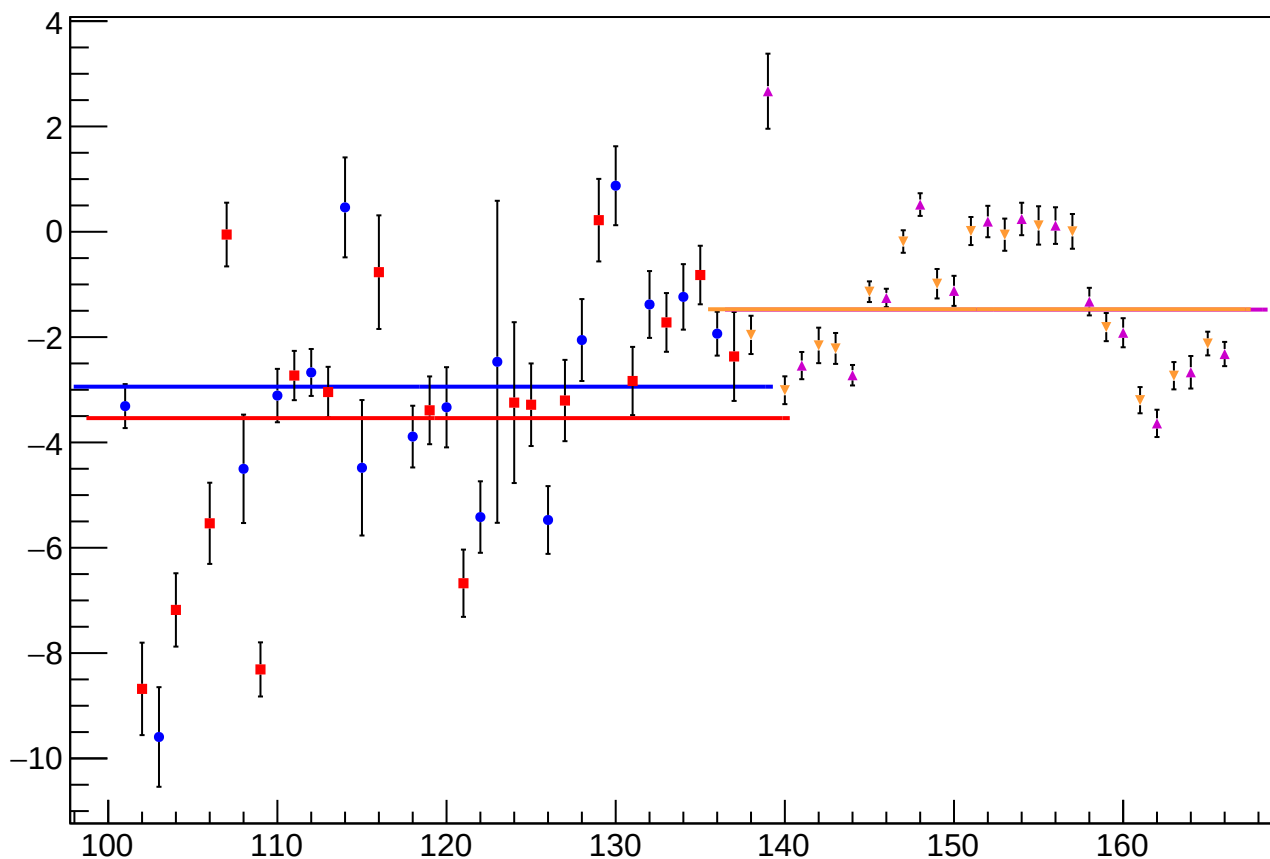
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.898 $\pm$ 0.096 χ^2/NDF :521.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13

Left: 2.606 $\pm$ 0.068 χ^2/NDF : 1131.2/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13
 Out: 2.898 $\pm$ 0.096 χ^2/NDF :521.7/14
 All: 2.606 $\pm$ 0.068 χ^2/NDF : 1131.2/28

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: -1.471 ± 0.069 χ^2/NDF : 261.8/14

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.478 ± 0.069 χ^2/NDF : 365.0/13

Left: -1.475 ± 0.049 χ^2/NDF : 626.8/28

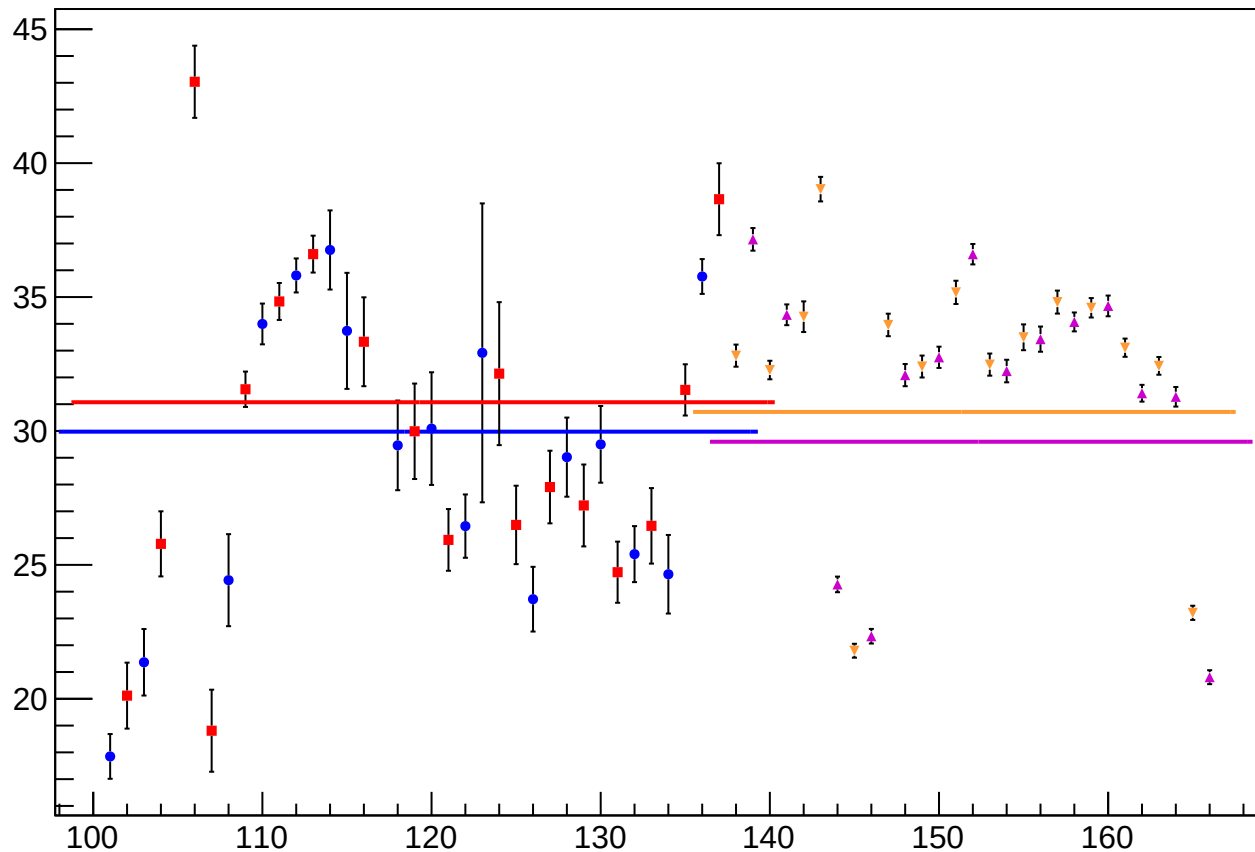
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.720 ± 0.063 χ^2/NDF : 585.7/30

Out: -1.816 ± 0.063 χ^2/NDF : 694.3/32

All: -1.767 ± 0.044 χ^2/NDF : 1281.2/63

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.711 $\pm$ 0.096 χ^2 /NDF: 2907.6/14

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 29.598 $\pm$ 0.094 χ^2 /NDF: 3578.2/13

Left: 30.142 $\pm$ 0.067 χ^2 /NDF: 6554.7/28

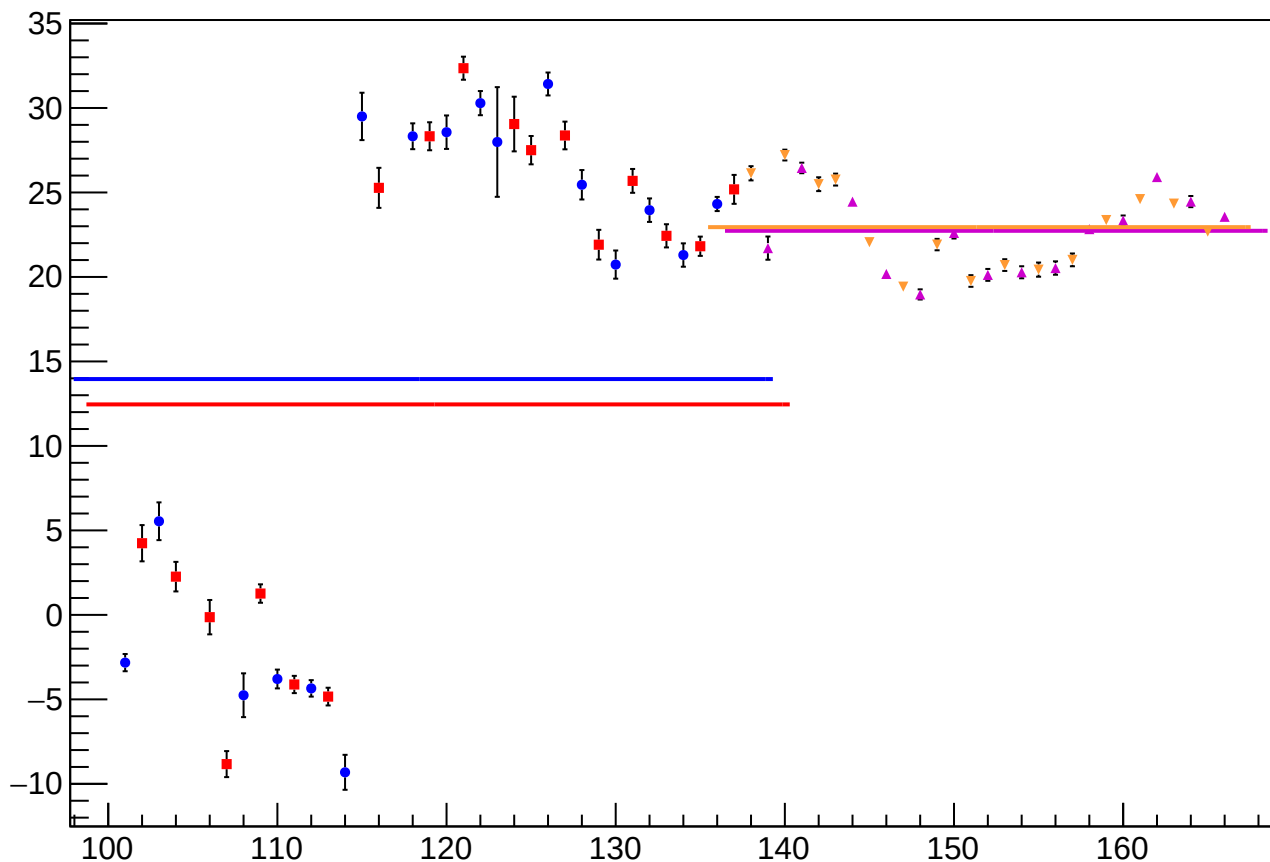
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 29.639 $\pm$ 0.088 χ^2 /NDF: 4133.9/30

Out: 30.754 $\pm$ 0.090 χ^2 /NDF: 3362.7/32

All: 30.187 $\pm$ 0.063 χ^2 /NDF: 7574.7/63

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: 22.948 $\pm$ 0.080 χ^2 /NDF: 762.9/14

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.731 $\pm$ 0.080 χ^2 /NDF: 807.0/13

Left: 22.839 $\pm$ 0.056 χ^2 /NDF: 1573.5/28

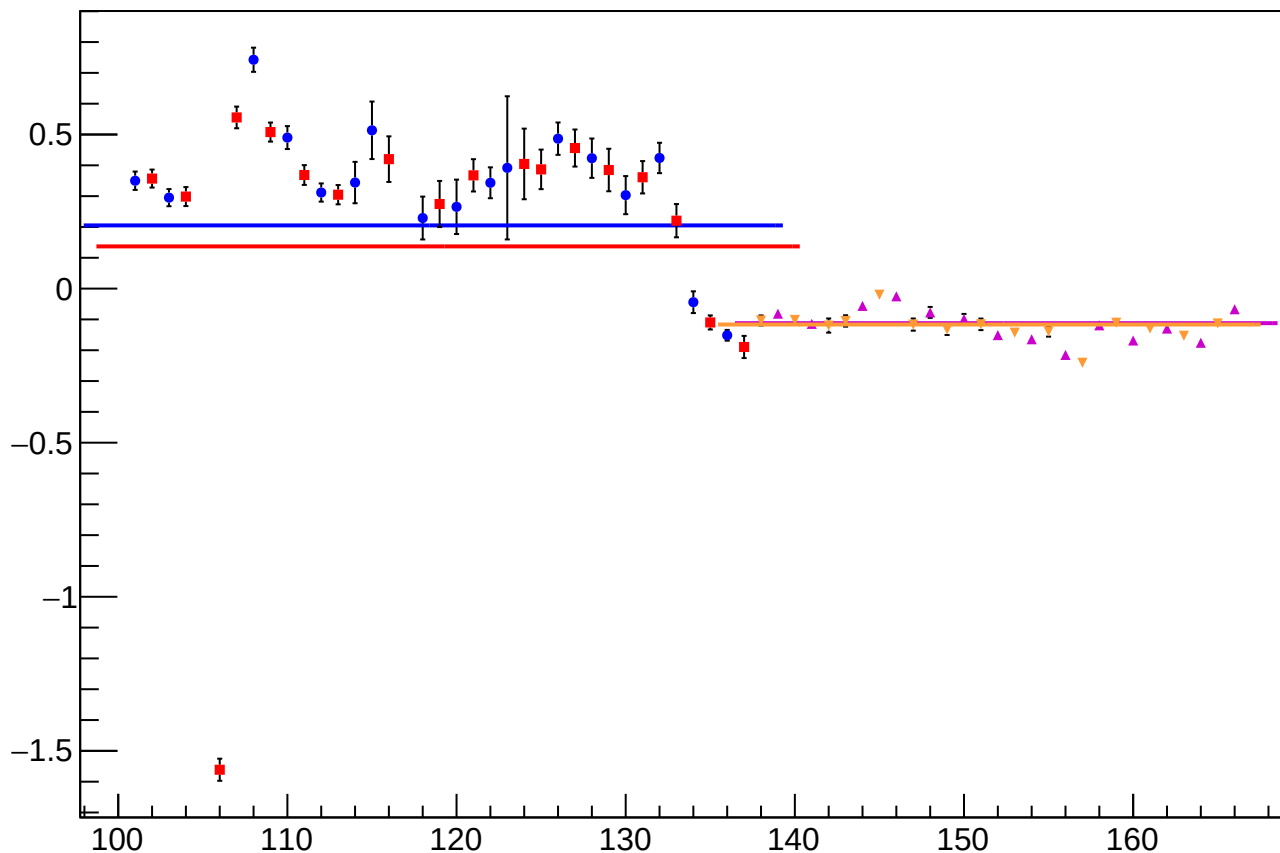
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.189 $\pm$ 0.072 χ^2 /NDF: 10293.0/30

Out: 21.114 $\pm$ 0.073 χ^2 /NDF: 10751.3/32

All: 21.152 $\pm$ 0.051 χ^2 /NDF: 21044.9/63

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: -0.117 ± 0.004 $\chi^2/\text{NDF}: 180.8/14$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.112 ± 0.004 $\chi^2/\text{NDF}: 190.1/13$

Left: -0.114 ± 0.003 $\chi^2/\text{NDF}: 371.6/28$

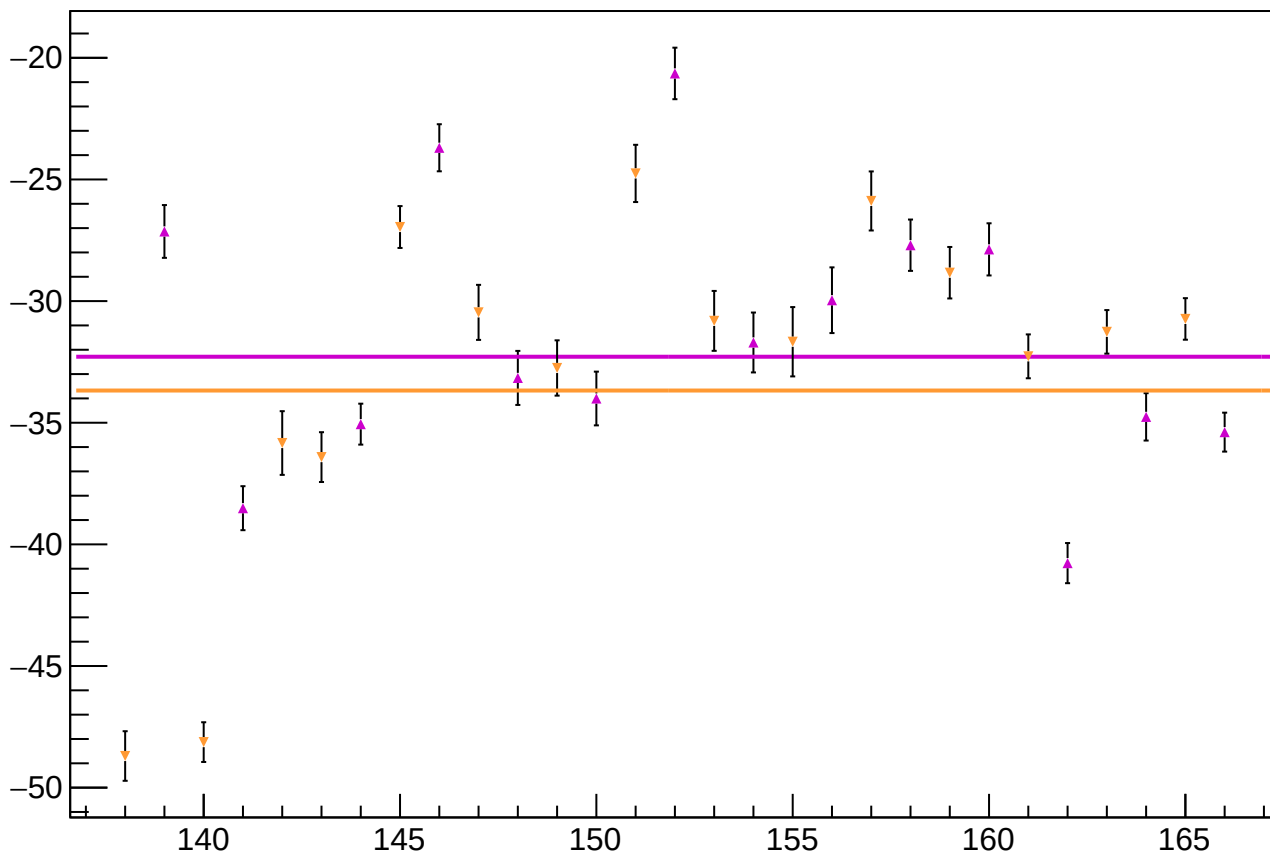
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.068 ± 0.003 $\chi^2/\text{NDF}: 2023.7/30$

Out: -0.080 ± 0.003 $\chi^2/\text{NDF}: 3837.2/32$

All: -0.074 ± 0.002 $\chi^2/\text{NDF}: 5867.1/63$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



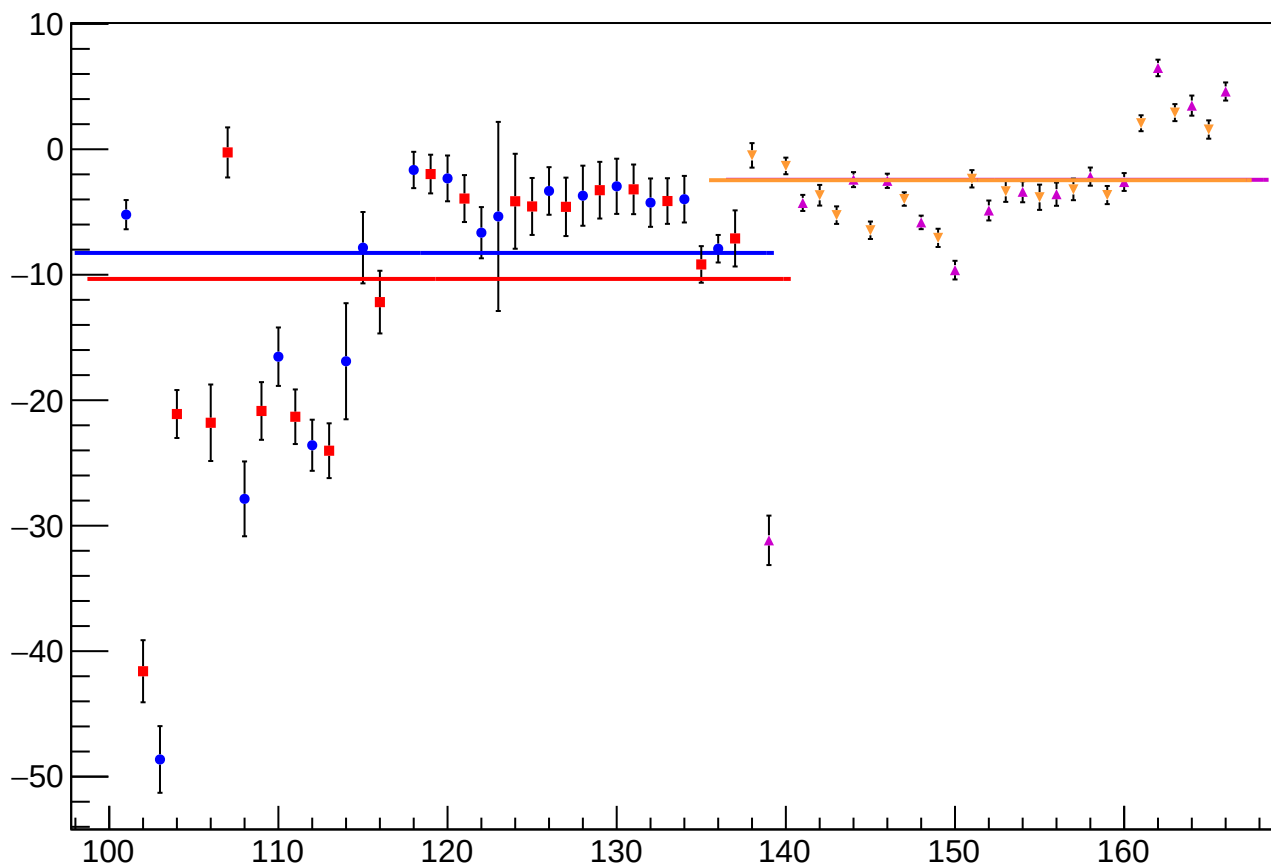
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.676 $\pm$ 0.265 χ^2/NDF :758.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -32.287 $\pm$ 0.266 χ^2/NDF :449.7/13

Left: -32.983 $\pm$ 0.188 χ^2/NDF : 1222.2/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.287 $\pm$ 0.266 χ^2/NDF :449.7/13
 Out: -33.676 $\pm$ 0.265 χ^2/NDF :758.8/14

All: -32.983 $\pm$ 0.188 χ^2/NDF : 1222.2/28

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: -2.464 ± 0.187 $\chi^2/\text{NDF}: 257.1/14$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.433 ± 0.190 $\chi^2/\text{NDF}: 699.1/13$

Left: -2.449 ± 0.133 $\chi^2/\text{NDF}: 956.2/28$

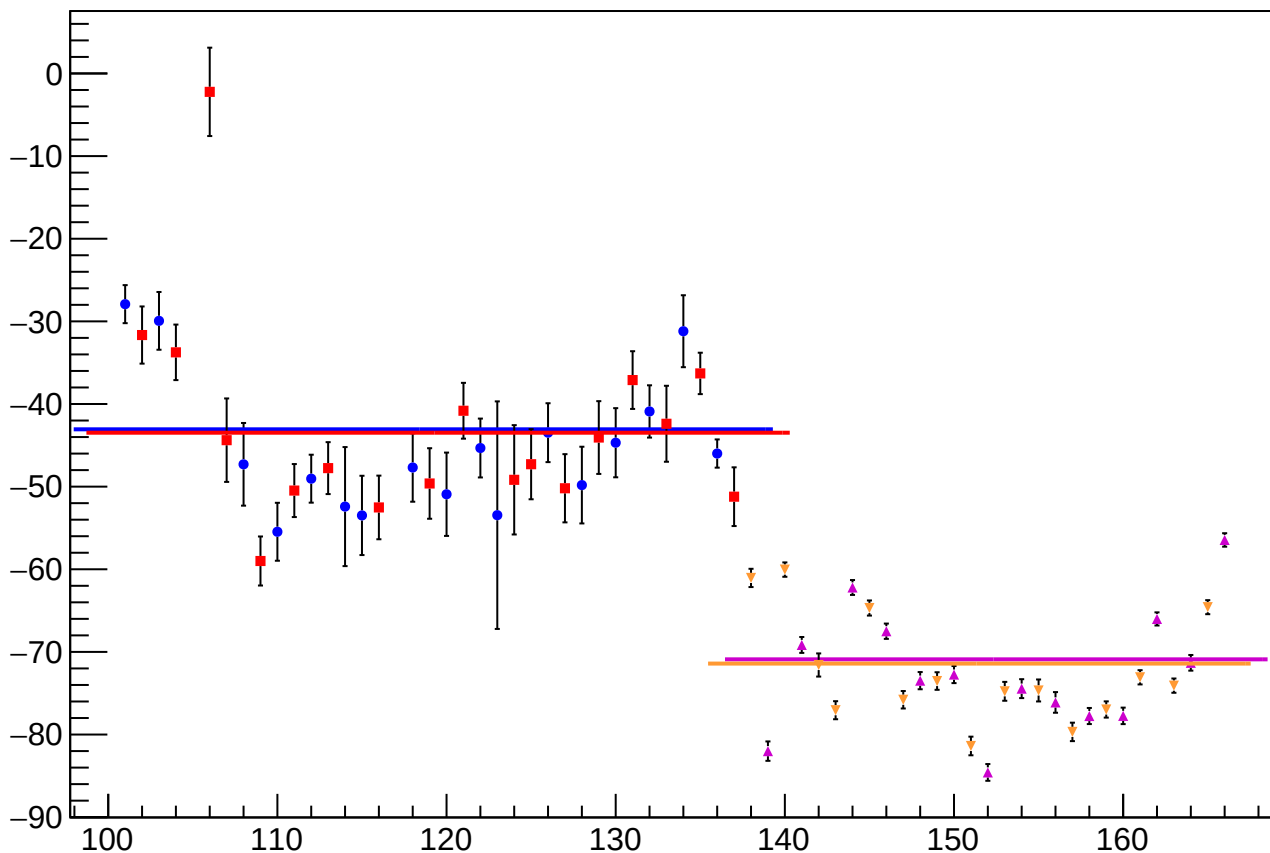
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -3.275 ± 0.176 $\chi^2/\text{NDF}: 1246.8/30$

Out: -3.461 ± 0.175 $\chi^2/\text{NDF}: 892.2/32$

All: -3.369 ± 0.124 $\chi^2/\text{NDF}: 2139.6/63$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



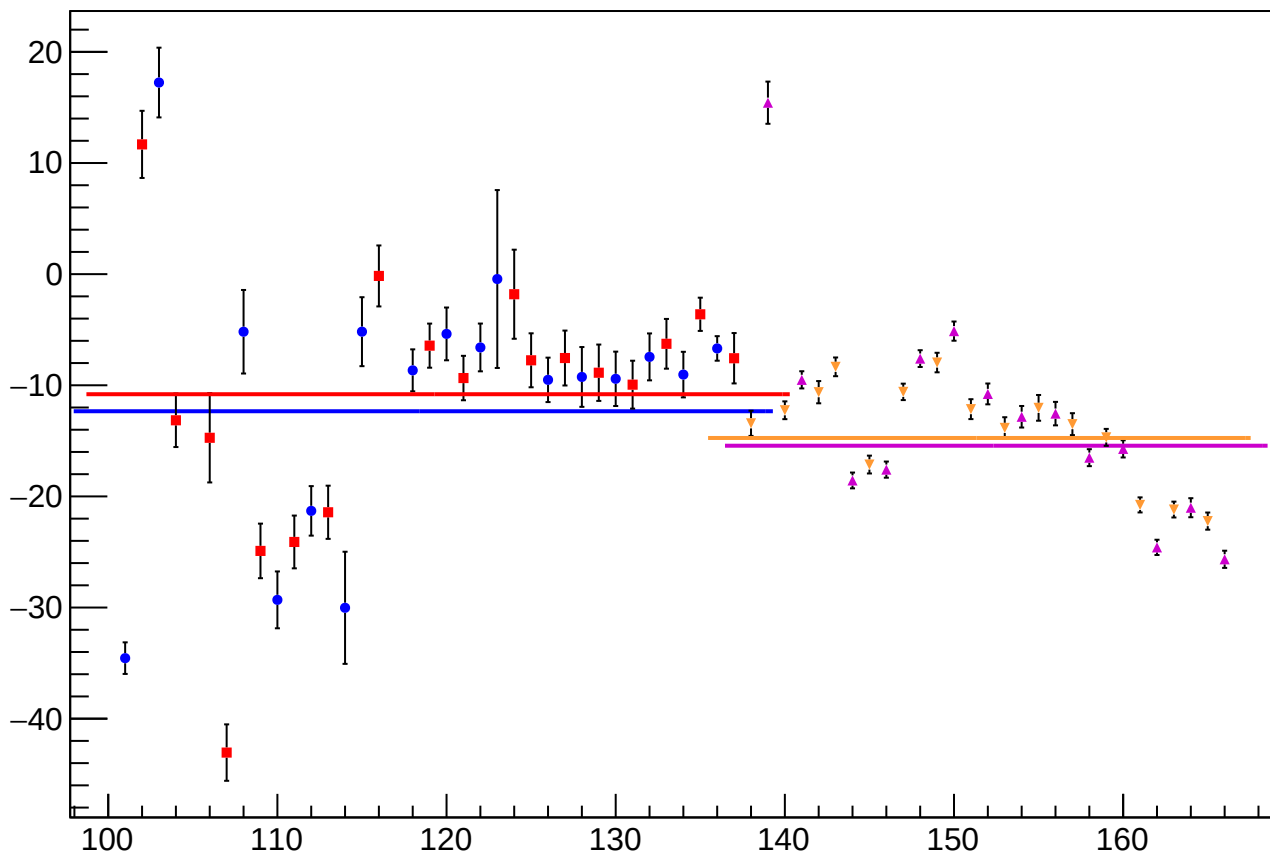
Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.413 ± 0.263 $\chi^2/\text{NDF}: 618.8/14$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -70.899 ± 0.261 $\chi^2/\text{NDF}: 867.9/13$

Left: -71.154 ± 0.185 $\chi^2/\text{NDF}: 1488.7/28$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -68.428 ± 0.249 $\chi^2/\text{NDF}: 1978.8/30$
 Out: -69.073 ± 0.251 $\chi^2/\text{NDF}: 1708.8/32$

All: -68.747 ± 0.177 $\chi^2/\text{NDF}: 3690.9/63$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -14.742 ± 0.218 χ^2/NDF : 456.6/14

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -15.439 ± 0.221 χ^2/NDF : 1038.1/13

Left: -15.086 ± 0.155 χ^2/NDF : 1499.7/28

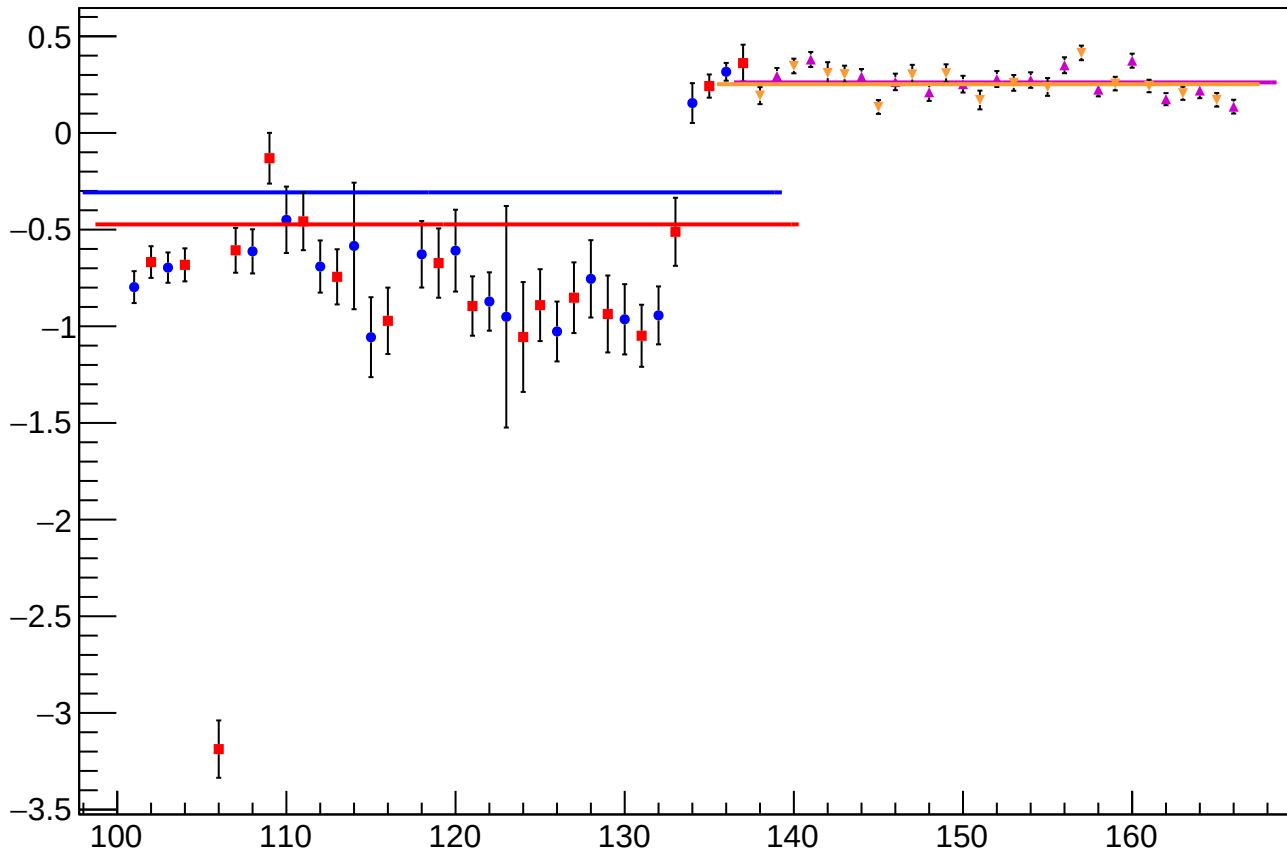
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -14.966 ± 0.203 χ^2/NDF : 1543.4/30

Out: -14.214 ± 0.203 χ^2/NDF : 861.8/32

All: -14.590 ± 0.143 χ^2/NDF : 2412.0/63

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.252 ± 0.010 χ^2/NDF : 52.4/14

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.261 ± 0.010 χ^2/NDF : 48.5/13

Left: 0.257 ± 0.007 χ^2/NDF : 101.4/28

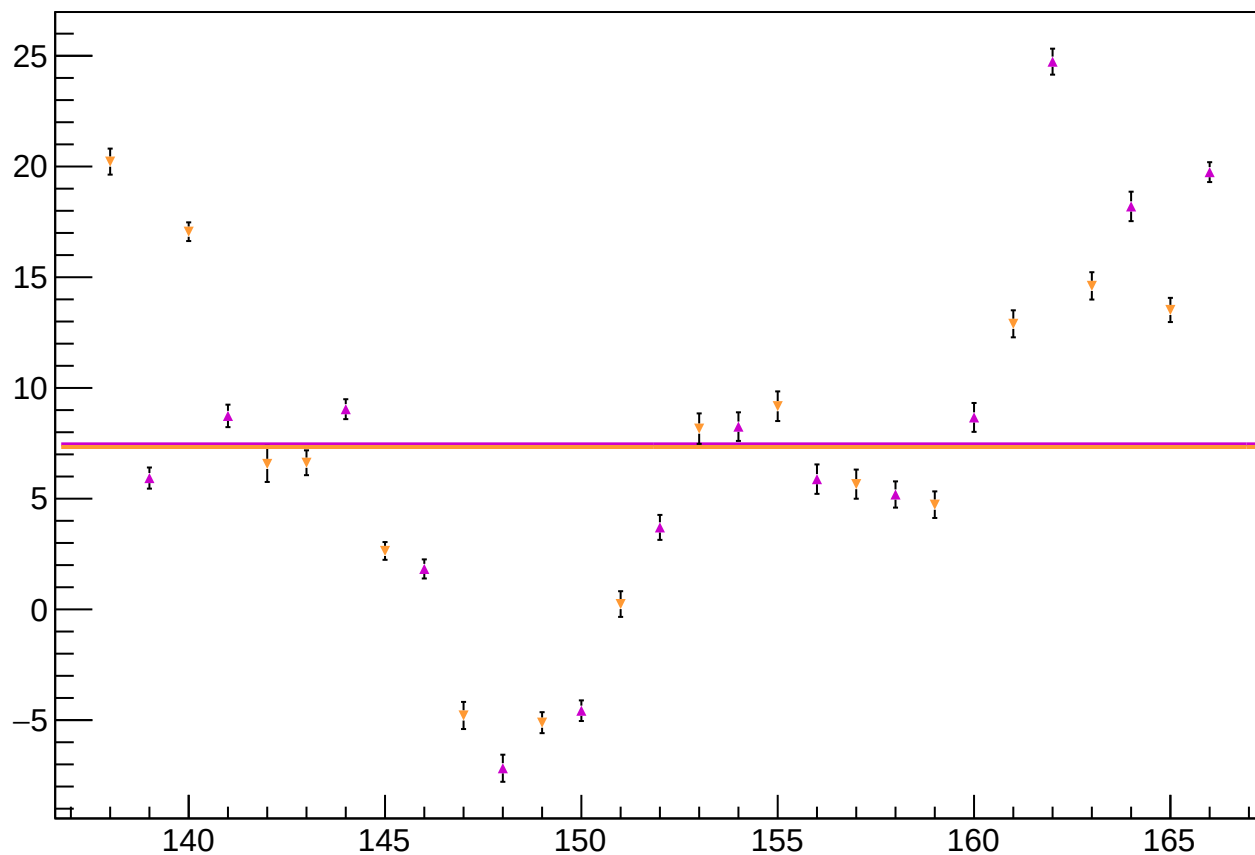
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.191 ± 0.010 χ^2/NDF : 794.5/30

Out: 0.168 ± 0.010 χ^2/NDF : 1246.6/32

All: 0.179 ± 0.007 χ^2/NDF : 2043.8/63

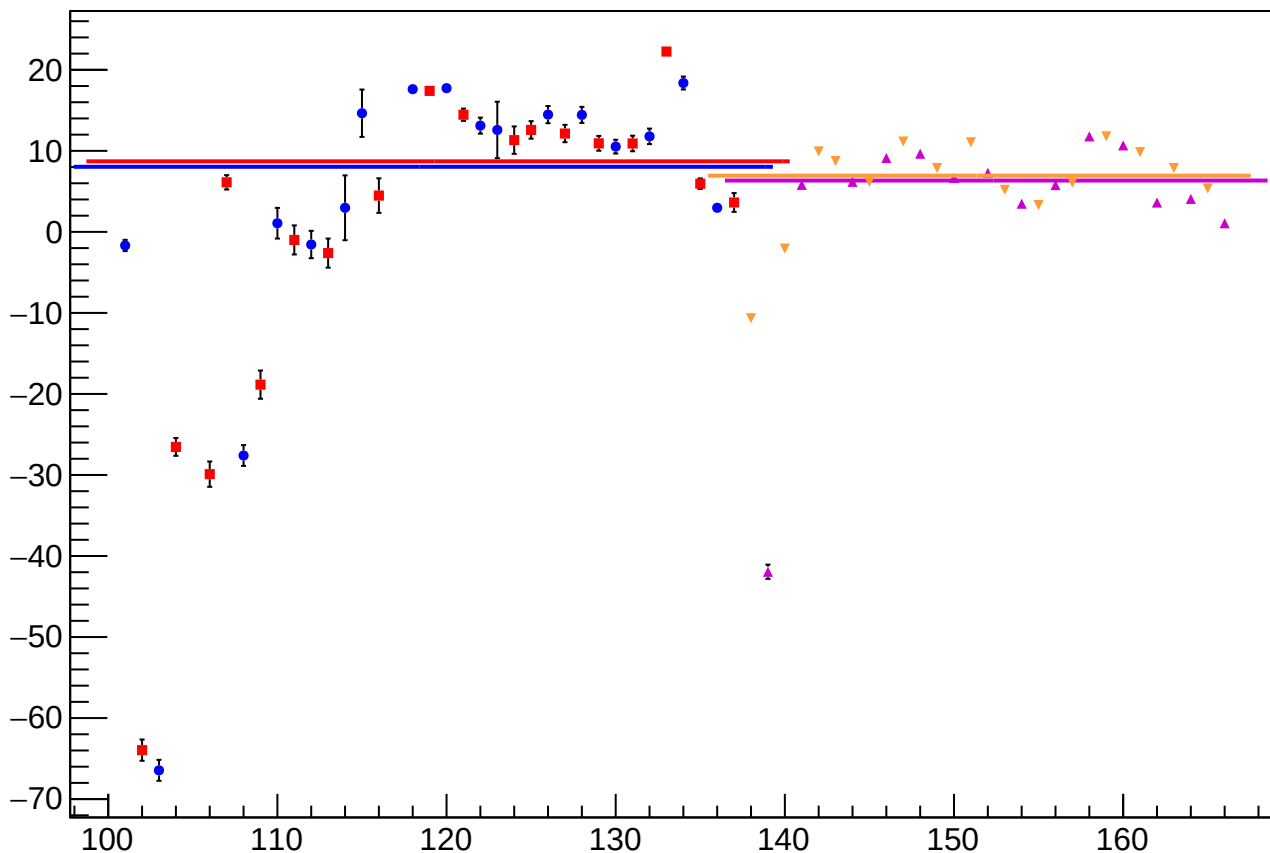
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.333+/-0.145 χ^2/NDF :2767.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.452+/-0.143 χ^2/NDF :3385.8/13

Left: 7.394+/-0.102 χ^2/NDF : 6153.4/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.452+/-0.143 χ^2/NDF :3385.8/13
 Out: 7.333+/-0.145 χ^2/NDF :2767.3/14
 All: 7.394+/-0.102 χ^2/NDF : 6153.4/28

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: 6.940 ± 0.102 χ^2/NDF : 2228.0/14

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.336 ± 0.104 χ^2/NDF : 3783.5/13

Left: 6.642 ± 0.073 χ^2/NDF : 6028.7/28

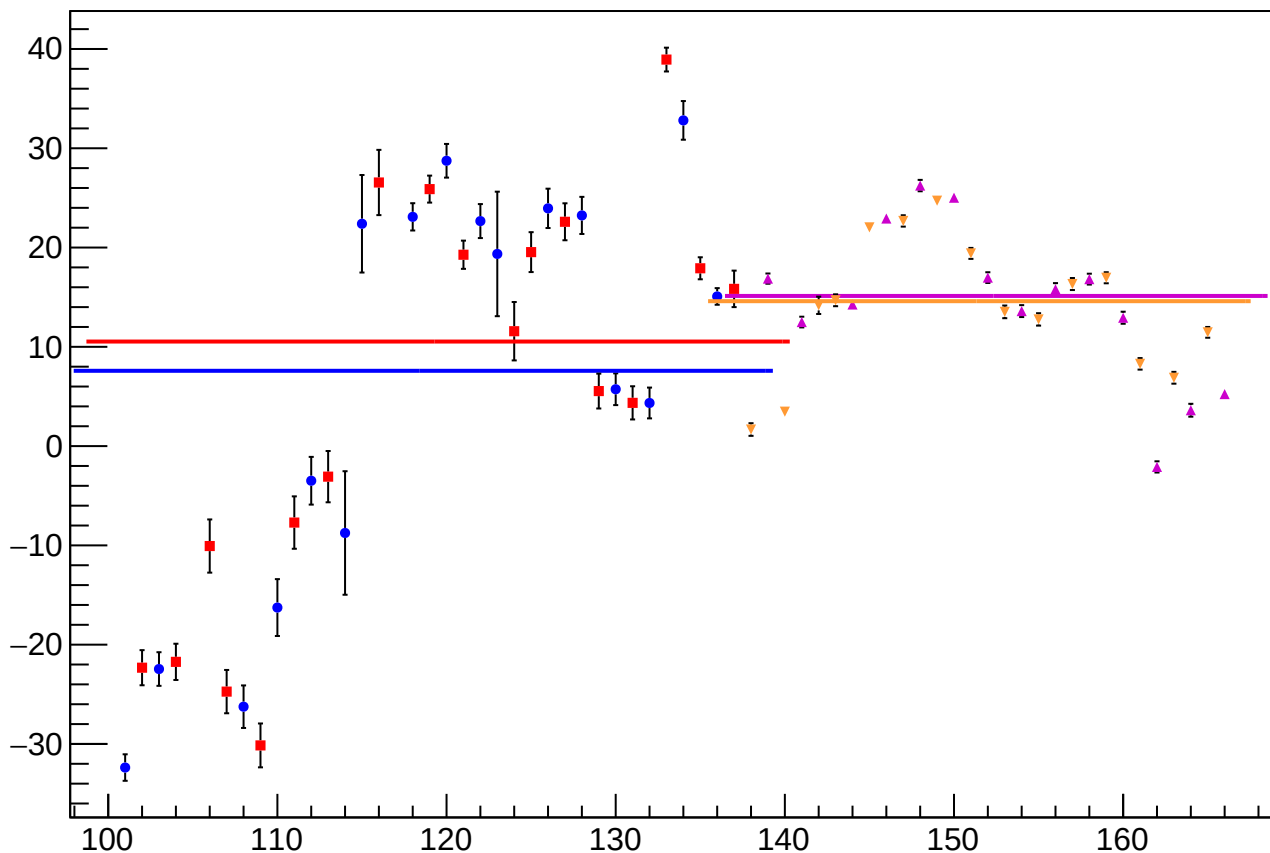
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.655 ± 0.093 χ^2/NDF : 9204.3/30

Out: 7.272 ± 0.092 χ^2/NDF : 8574.0/32

All: 6.967 ± 0.066 χ^2/NDF : 17800.4/63

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 14.597 ± 0.143 χ^2/NDF : 2485.0/14

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 15.126 ± 0.140 χ^2/NDF : 3038.2/13

Left: 14.868 ± 0.100 χ^2/NDF : 5530.1/28

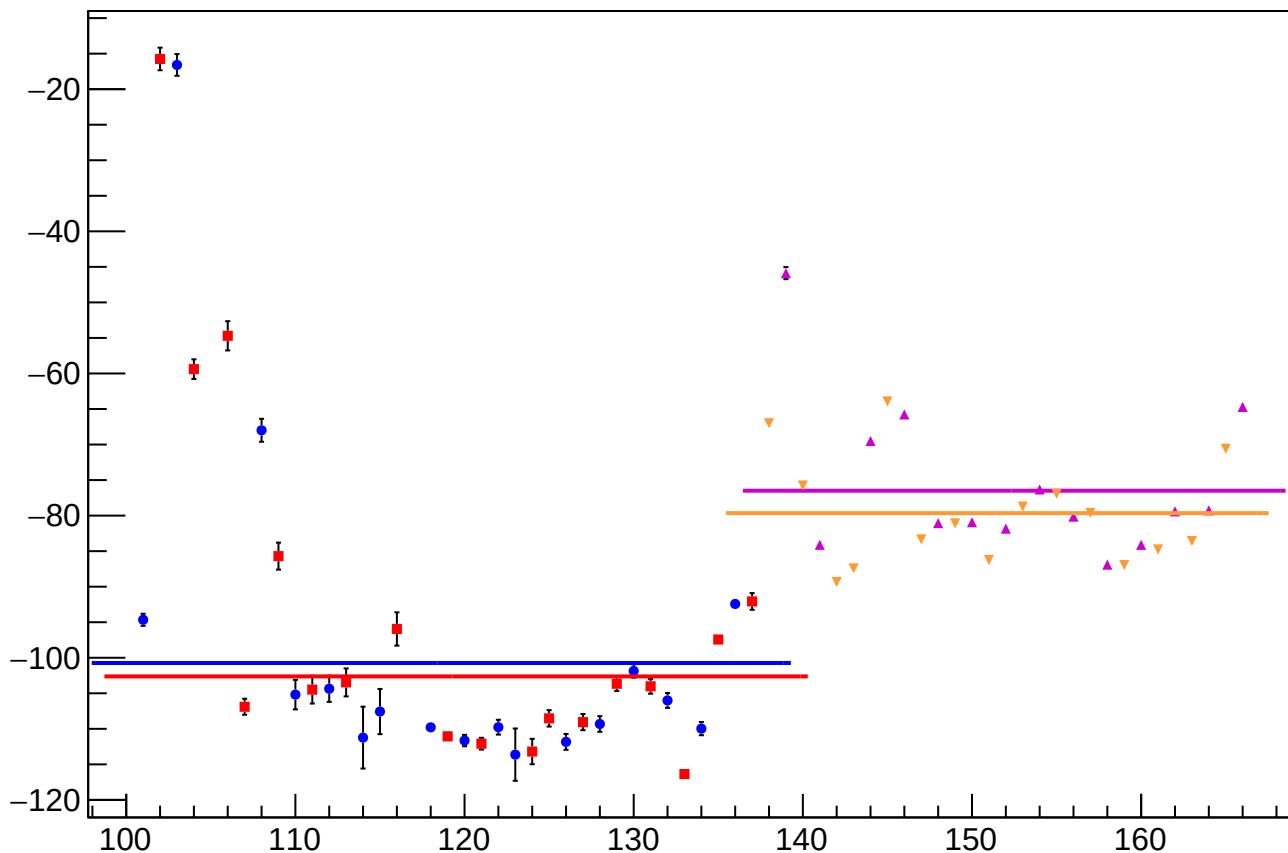
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 14.357 ± 0.133 χ^2/NDF : 5655.6/30

Out: 14.168 ± 0.136 χ^2/NDF : 4849.2/32

All: 14.265 ± 0.095 χ^2/NDF : 10505.8/63

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -79.653 ± 0.120 $\chi^2/\text{NDF}: 3835.8/14$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -76.495 ± 0.120 $\chi^2/\text{NDF}: 4989.9/13$

Left: -78.079 ± 0.085 $\chi^2/\text{NDF}: 9170.6/28$

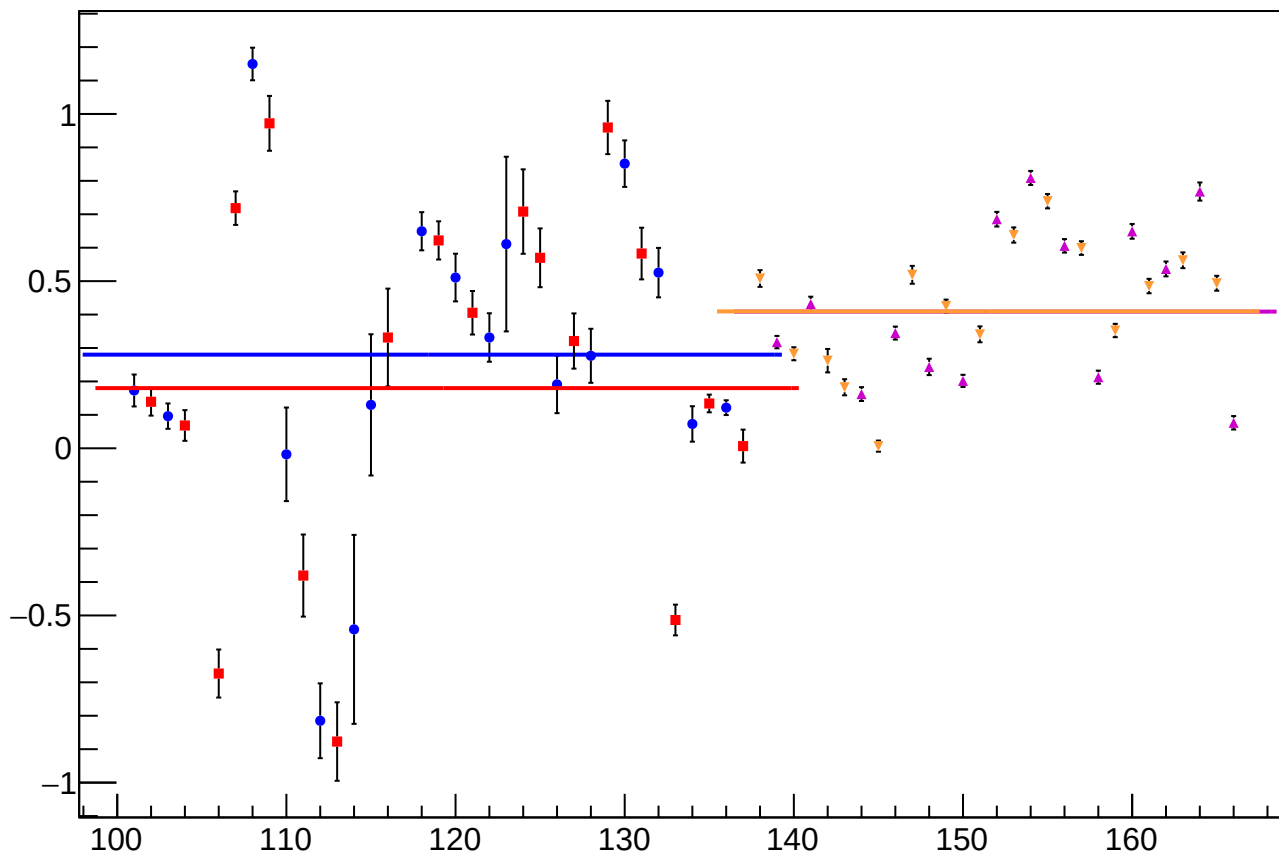
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -81.109 ± 0.108 $\chi^2/\text{NDF}: 17226.9/30$

Out: -84.067 ± 0.108 $\chi^2/\text{NDF}: 16590.8/32$

All: -82.594 ± 0.076 $\chi^2/\text{NDF}: 34191.9/63$

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: 0.409 ± 0.006 χ^2/NDF : 1272.1/14

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.409 ± 0.006 χ^2/NDF : 1665.1/13

Left: 0.409 ± 0.004 χ^2/NDF : 2937.3/28

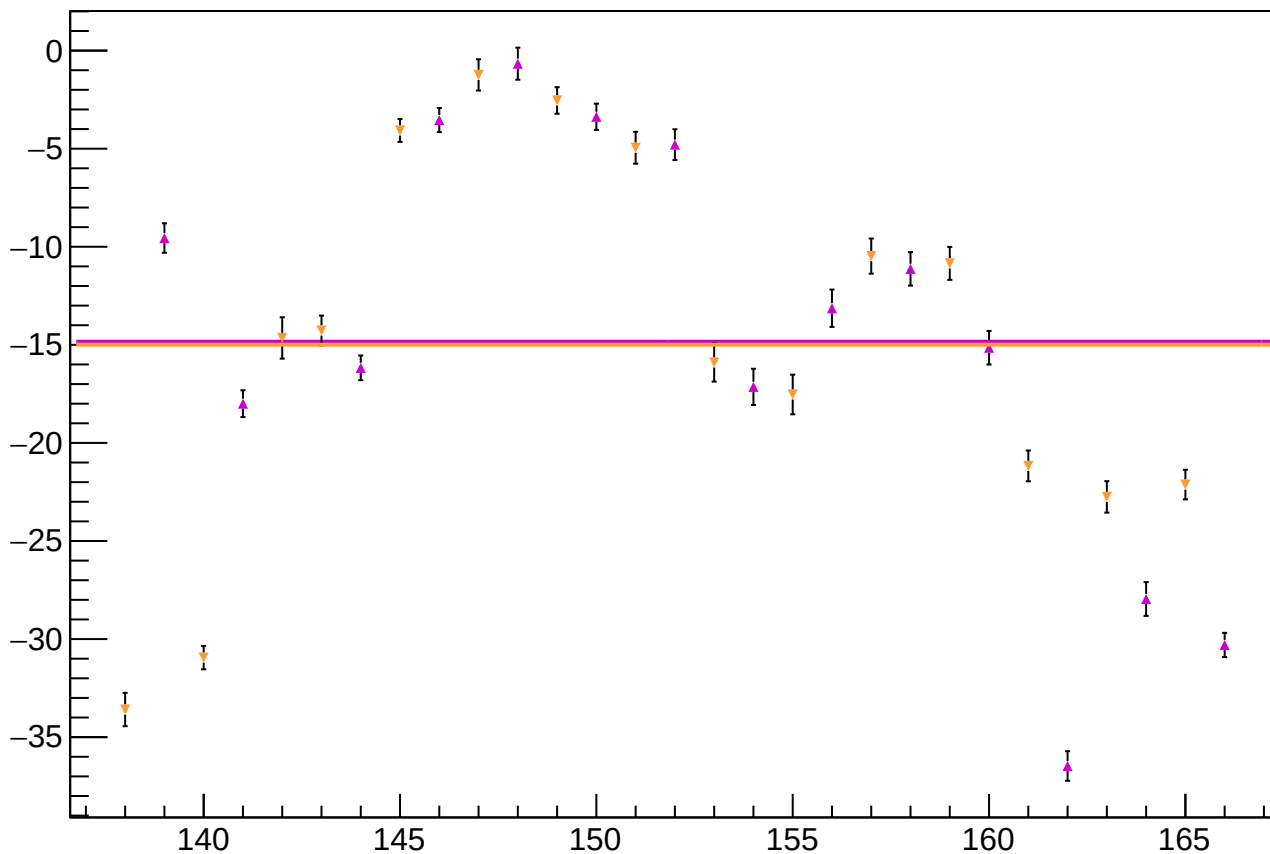
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.390 ± 0.005 χ^2/NDF : 2399.3/30

Out: 0.375 ± 0.005 χ^2/NDF : 2455.4/32

All: 0.383 ± 0.004 χ^2/NDF : 4858.9/63

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



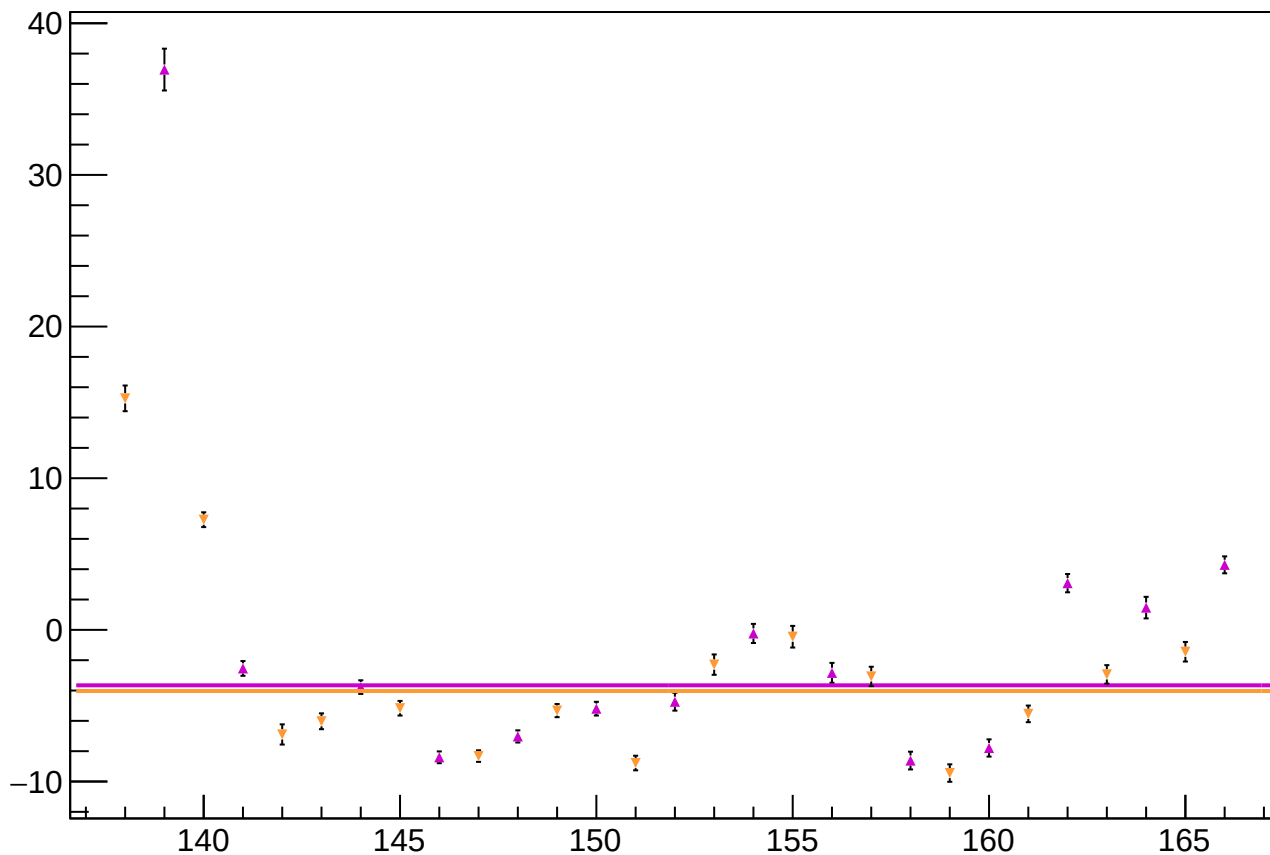
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.990+/-0.201 χ^2/NDF : 2634.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.842+/-0.199 χ^2/NDF : 2879.0/13

Left: -14.915+/-0.142 χ^2/NDF : 5513.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.842+/-0.199 χ^2/NDF : 2879.0/13
 Out: -14.990+/-0.201 χ^2/NDF : 2634.1/14

All: -14.915+/-0.142 χ^2/NDF : 5513.3/28

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



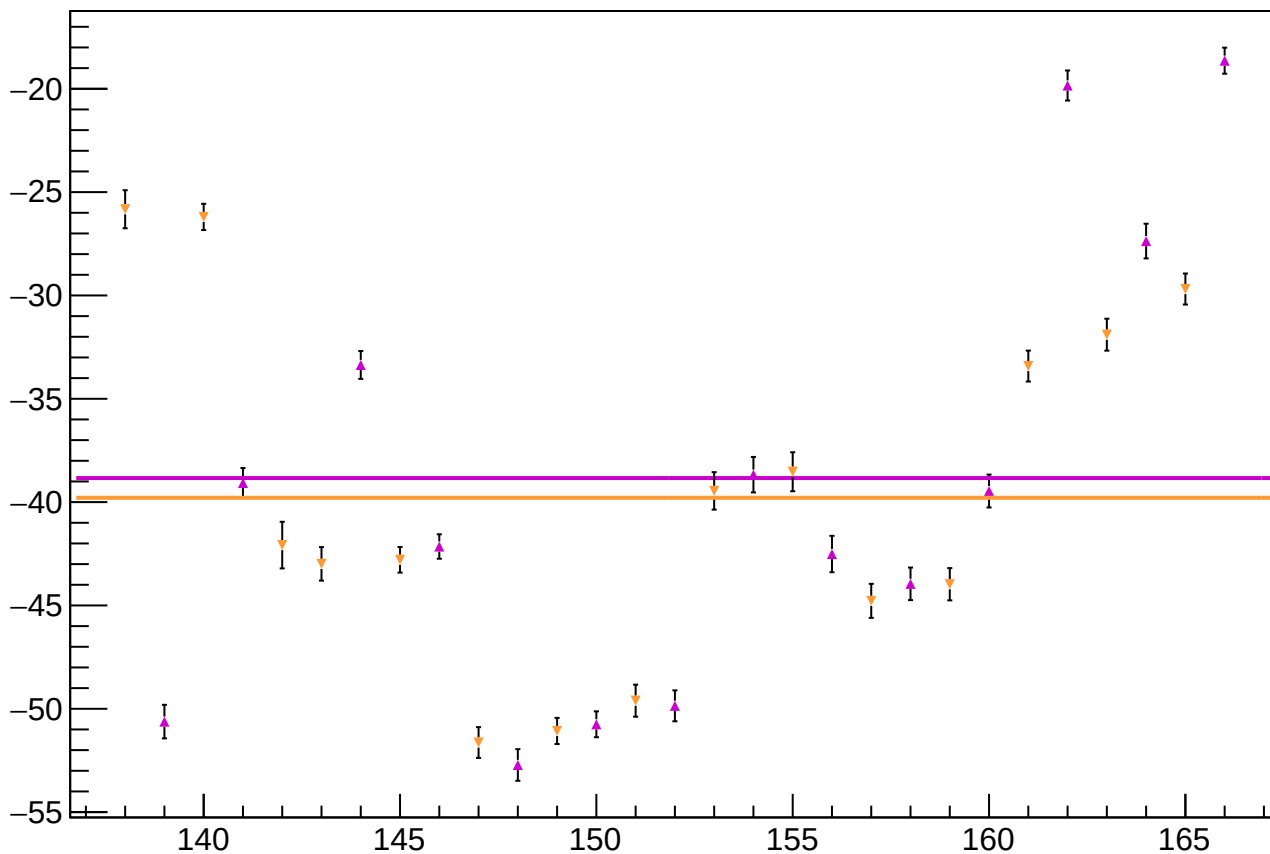
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.033+/-0.141 χ^2/NDF :1473.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.656+/-0.143 χ^2/NDF :1640.1/13

Left: -3.847+/-0.100 χ^2/NDF : 3117.0/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.656+/-0.143 χ^2/NDF :1640.1/13
 Out: -4.033+/-0.141 χ^2/NDF :1473.4/14

All: -3.847+/-0.100 χ^2/NDF : 3117.0/28

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: -39.789+/-0.199 χ^2/NDF :1887.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.835+/-0.195 χ^2/NDF :3174.2/13

Left: -39.303+/-0.139 χ^2/NDF : 5073.1/28

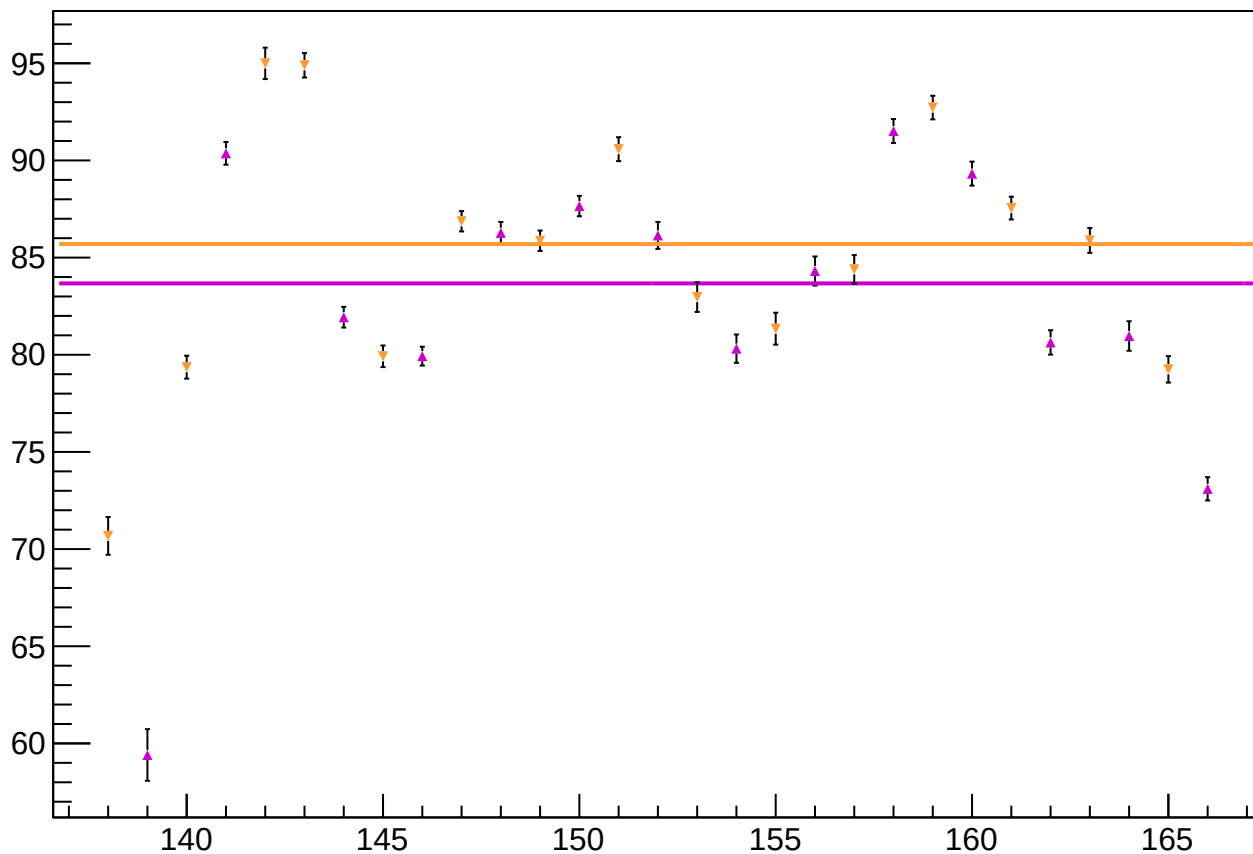
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.835+/-0.195 χ^2/NDF :3174.2/13

Out: -39.789+/-0.199 χ^2/NDF :1887.1/14

All: -39.303+/-0.139 χ^2/NDF : 5073.1/28

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.697+/-0.166 χ^2/NDF :1156.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.673+/-0.166 χ^2/NDF :1240.3/13

Left: 84.689+/-0.117 χ^2/NDF : 2470.6/28

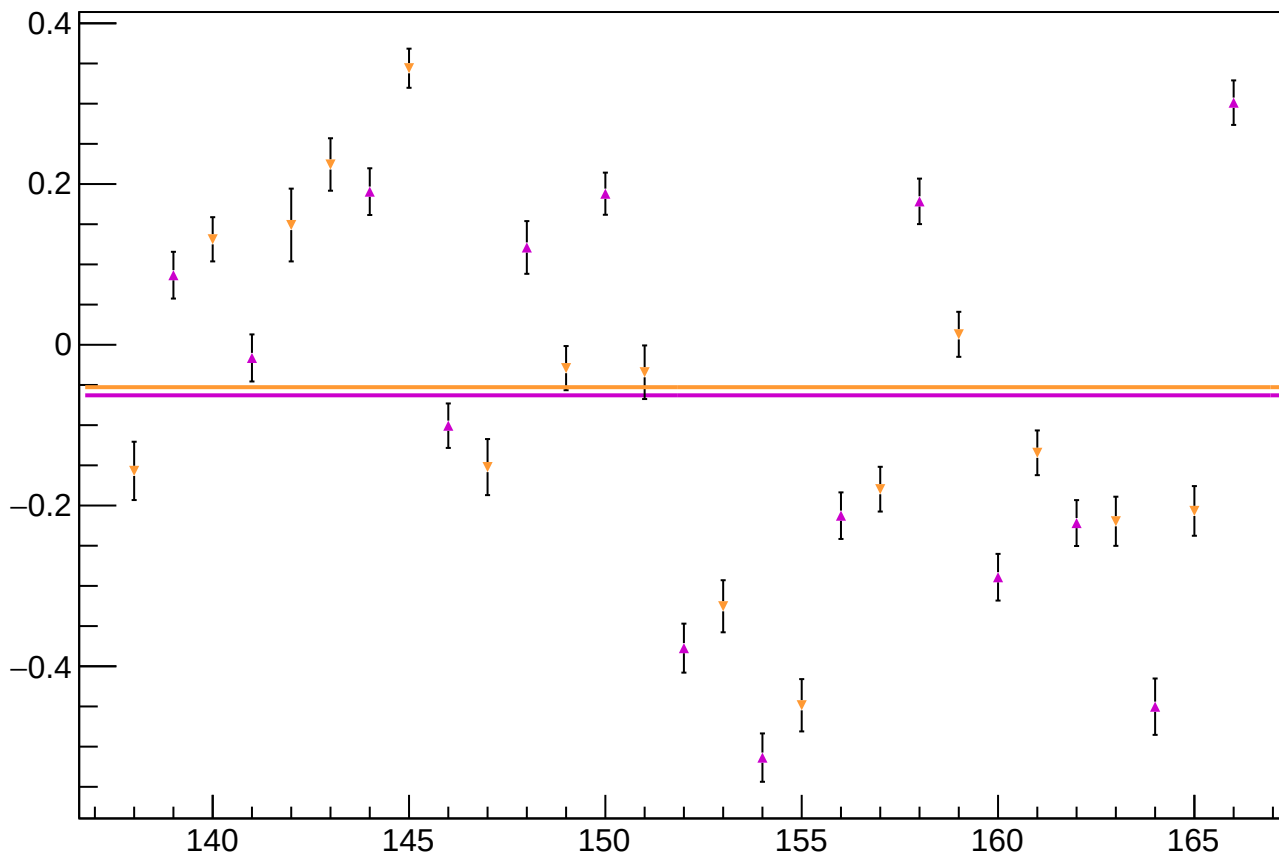
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.673+/-0.166 χ^2/NDF :1240.3/13

Out: 85.697+/-0.166 χ^2/NDF :1156.0/14

All: 84.689+/-0.117 χ^2/NDF : 2470.6/28

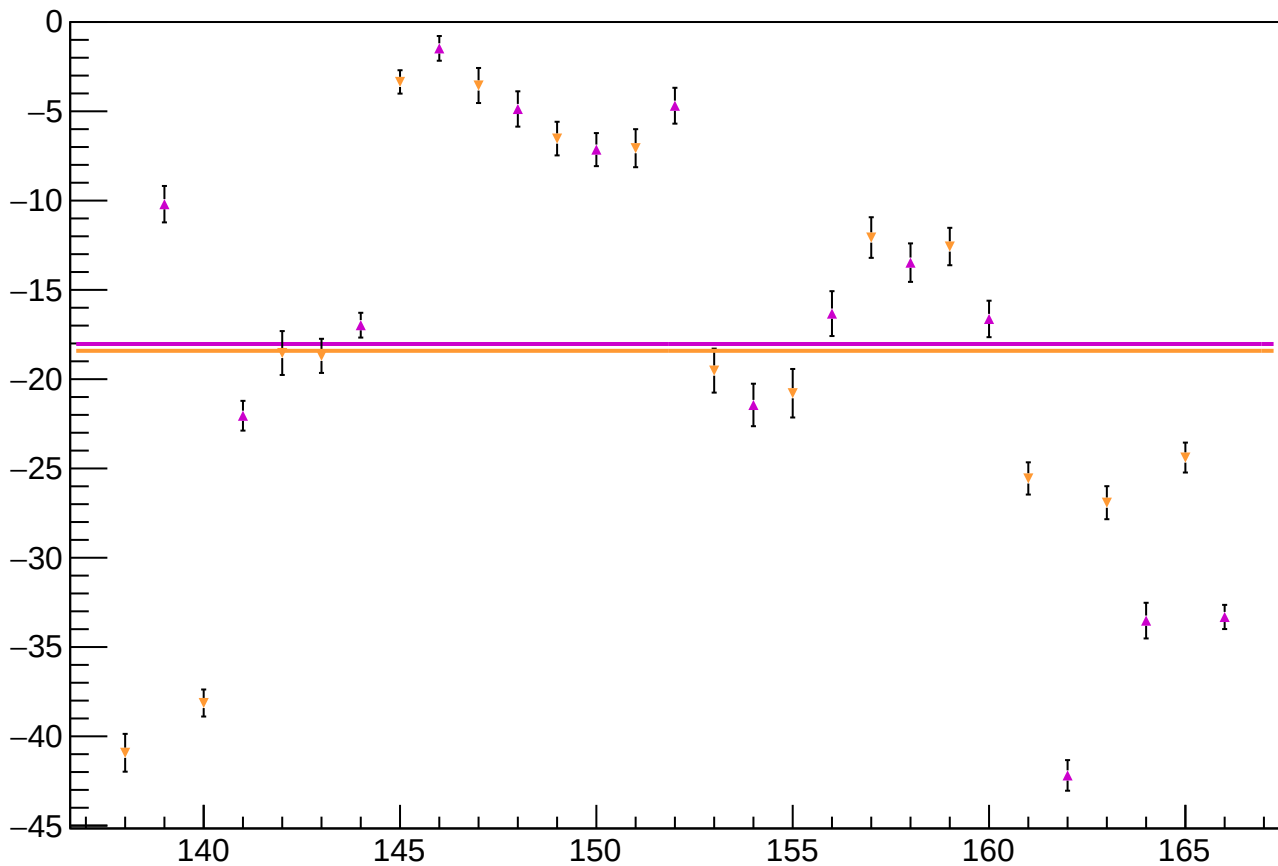
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.053+/-0.008 χ^2/NDF : 728.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.063+/-0.008 χ^2/NDF : 1046.6/13

Left: -0.058+/-0.006 χ^2/NDF : 1775.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.063+/-0.008 χ^2/NDF : 1046.6/13
 Out: -0.053+/-0.008 χ^2/NDF : 728.0/14
 All: -0.058+/-0.006 χ^2/NDF : 1775.5/28

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.412+/-0.246 χ^2/NDF : 2426.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.030+/-0.239 χ^2/NDF : 2722.7/13

Left: -18.216+/-0.172 χ^2/NDF : 5150.1/28

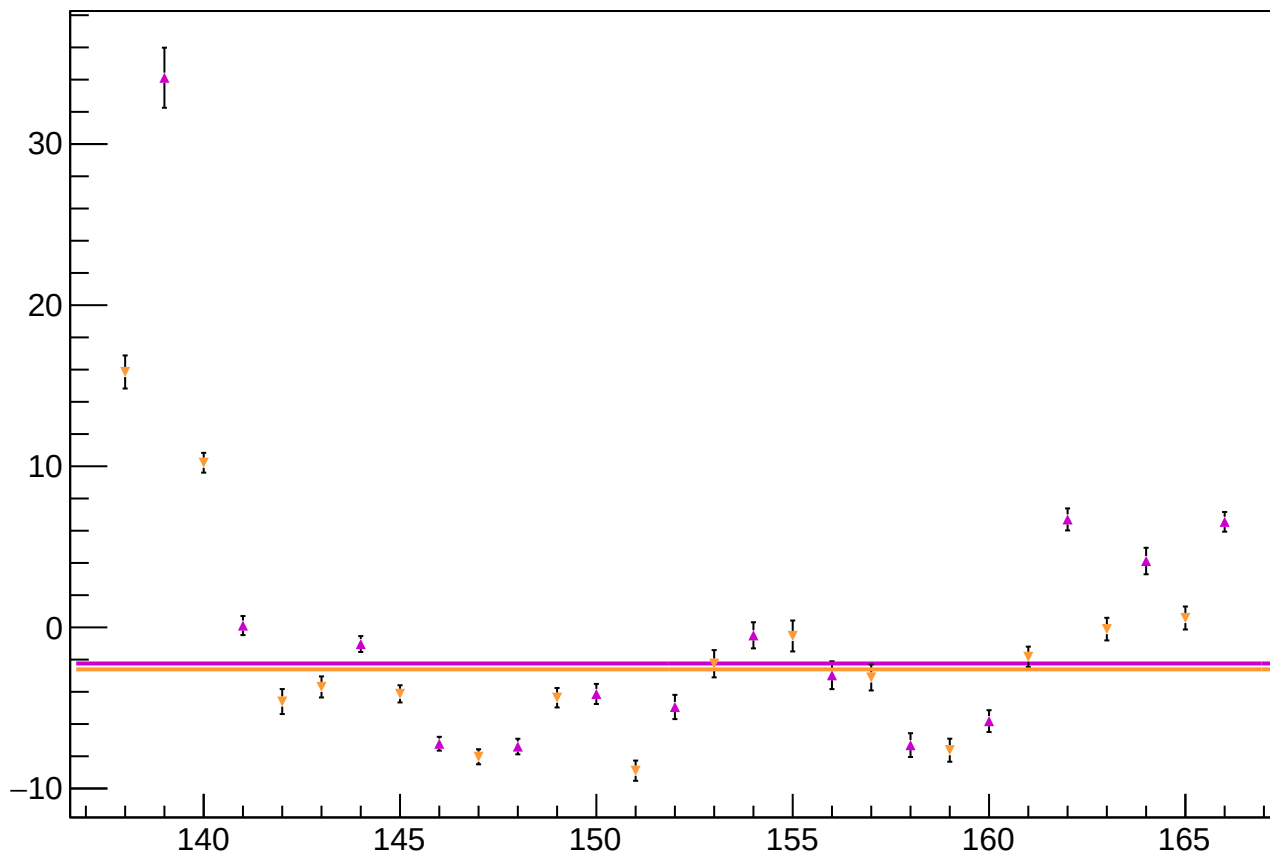
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.030+/-0.239 χ^2/NDF : 2722.7/13

Out: -18.412+/-0.246 χ^2/NDF : 2426.1/14

All: -18.216+/-0.172 χ^2/NDF : 5150.1/28

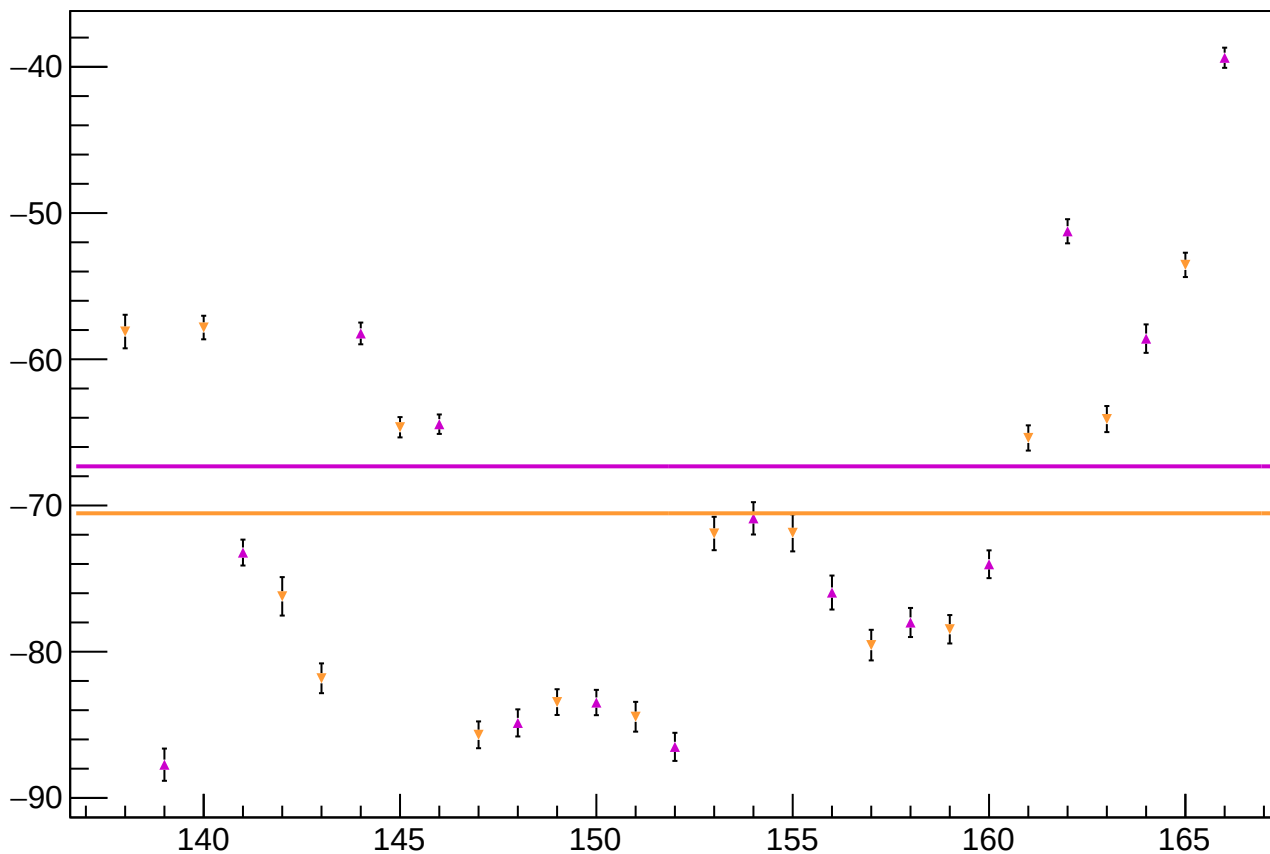
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.607 $\pm$ 0.173 χ^2 /NDF:1109.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.241 $\pm$ 0.170 χ^2 /NDF:1191.0/13

Left: -2.421 $\pm$ 0.121 χ^2 /NDF: 2302.3/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.241 $\pm$ 0.170 χ^2 /NDF:1191.0/13
 Out: -2.607 $\pm$ 0.173 χ^2 /NDF:1109.0/14
 All: -2.421 $\pm$ 0.121 χ^2 /NDF: 2302.3/28

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: -70.534+/-0.244 χ^2/NDF :1901.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -67.323+/-0.235 χ^2/NDF :3992.3/13

Left: -68.869+/-0.169 χ^2/NDF : 5983.5/28

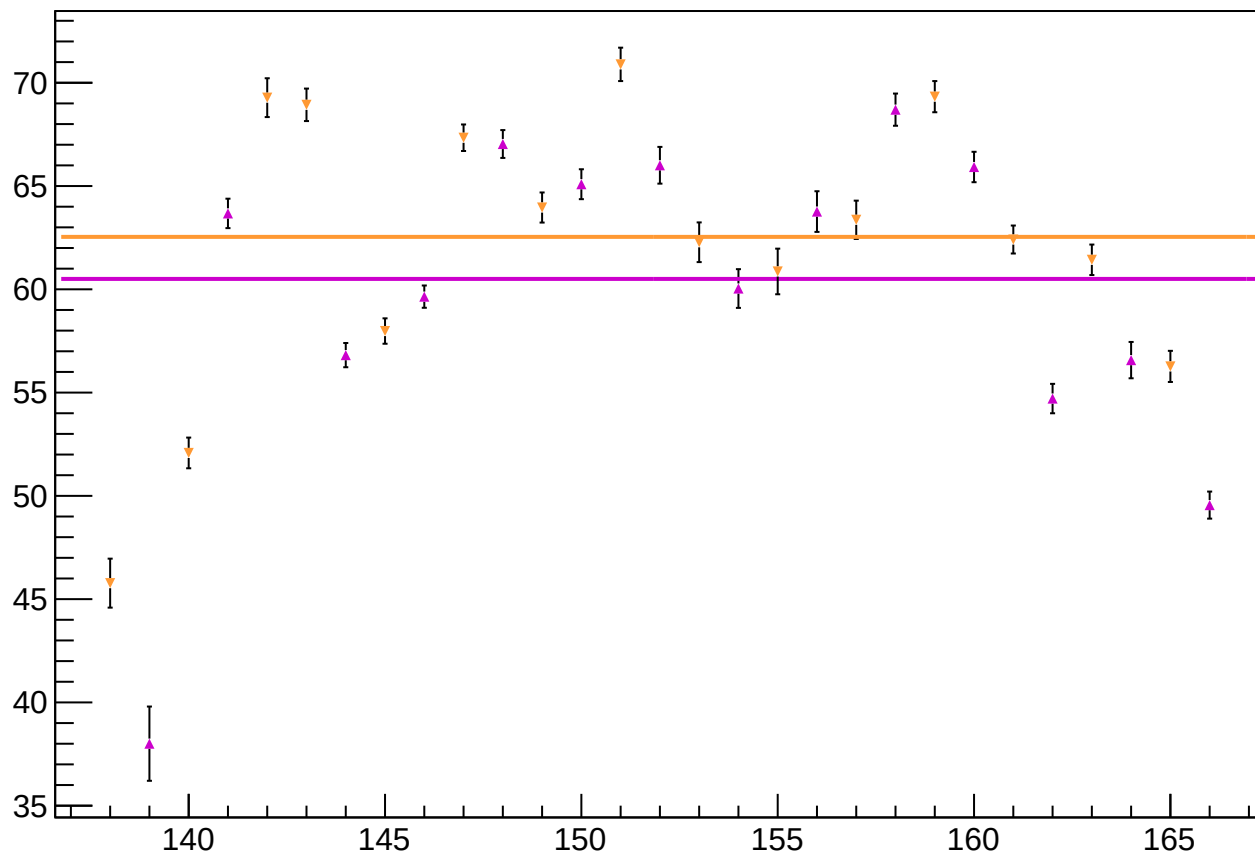
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.323+/-0.235 χ^2/NDF :3992.3/13

Out: -70.534+/-0.244 χ^2/NDF :1901.6/14

All: -68.869+/-0.169 χ^2/NDF : 5983.5/28

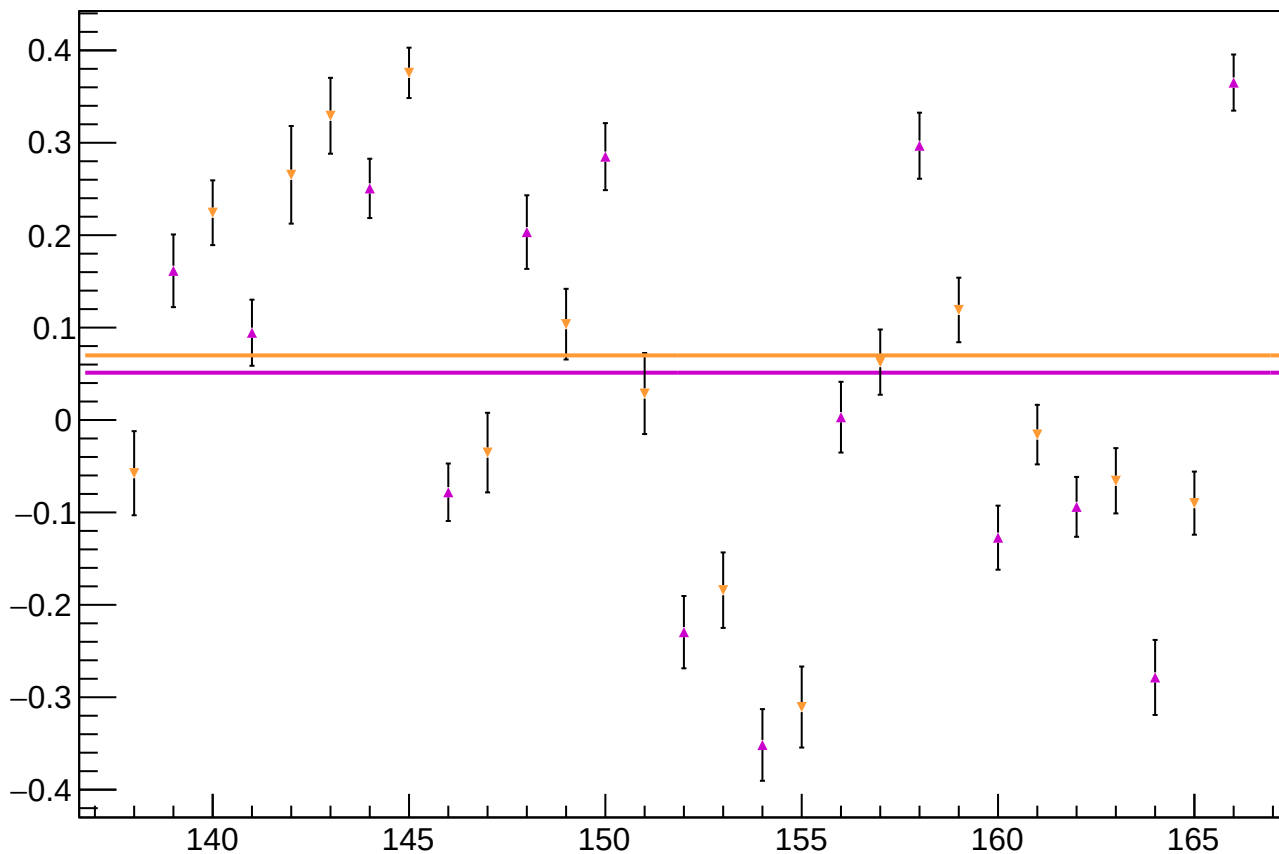
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.539+/-0.203 χ^2/NDF : 892.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.503+/-0.199 χ^2/NDF : 932.2/13

Left: 61.503+/-0.142 χ^2/NDF : 1876.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.199 χ^2/NDF : 932.2/13
 Out: 62.539+/-0.203 χ^2/NDF : 892.6/14
 All: 61.503+/-0.142 χ^2/NDF : 1876.2/28

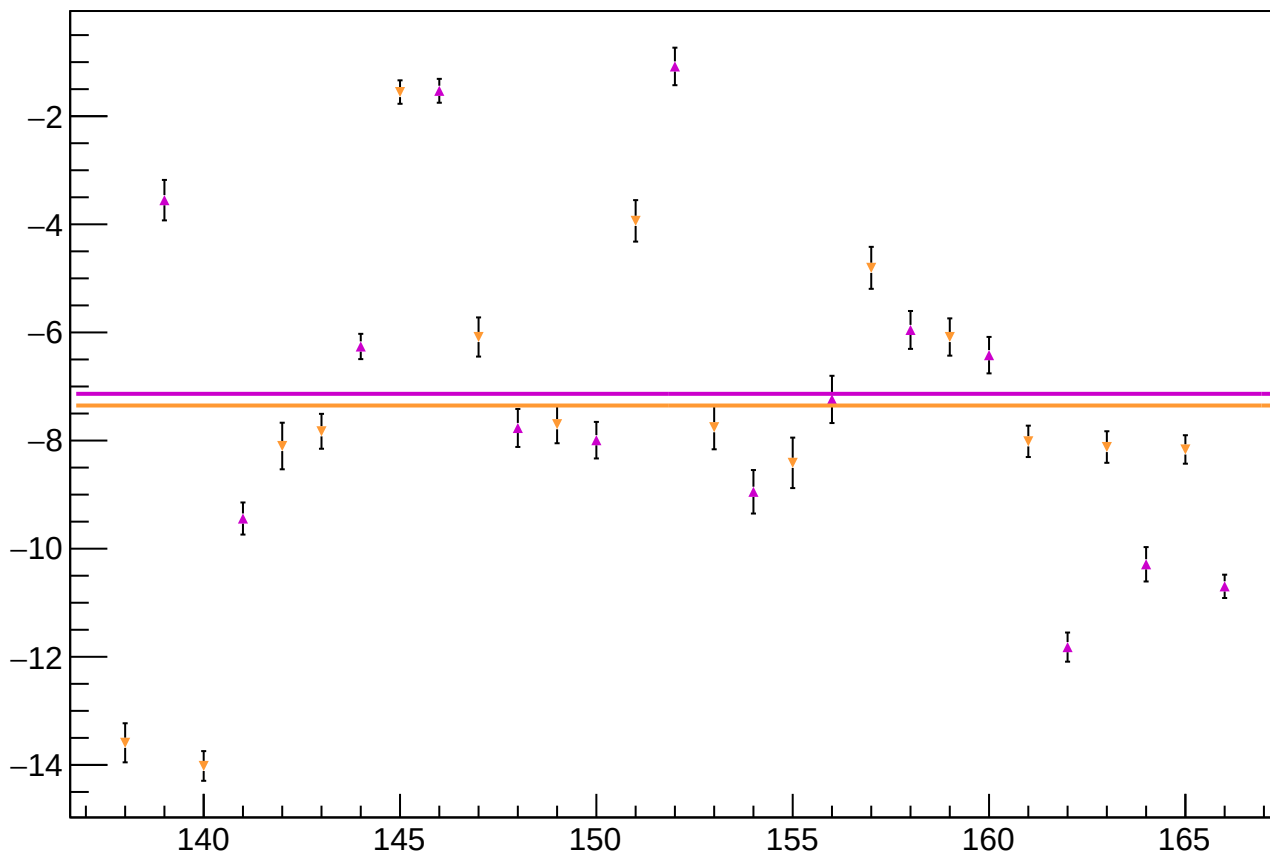
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.070 $\pm$ 0.010 χ^2 /NDF:374.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13

Left: 0.060 $\pm$ 0.007 χ^2 /NDF: 925.0/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13
 Out: 0.070 $\pm$ 0.010 χ^2 /NDF:374.1/14
 All: 0.060 $\pm$ 0.007 χ^2 /NDF: 925.0/28

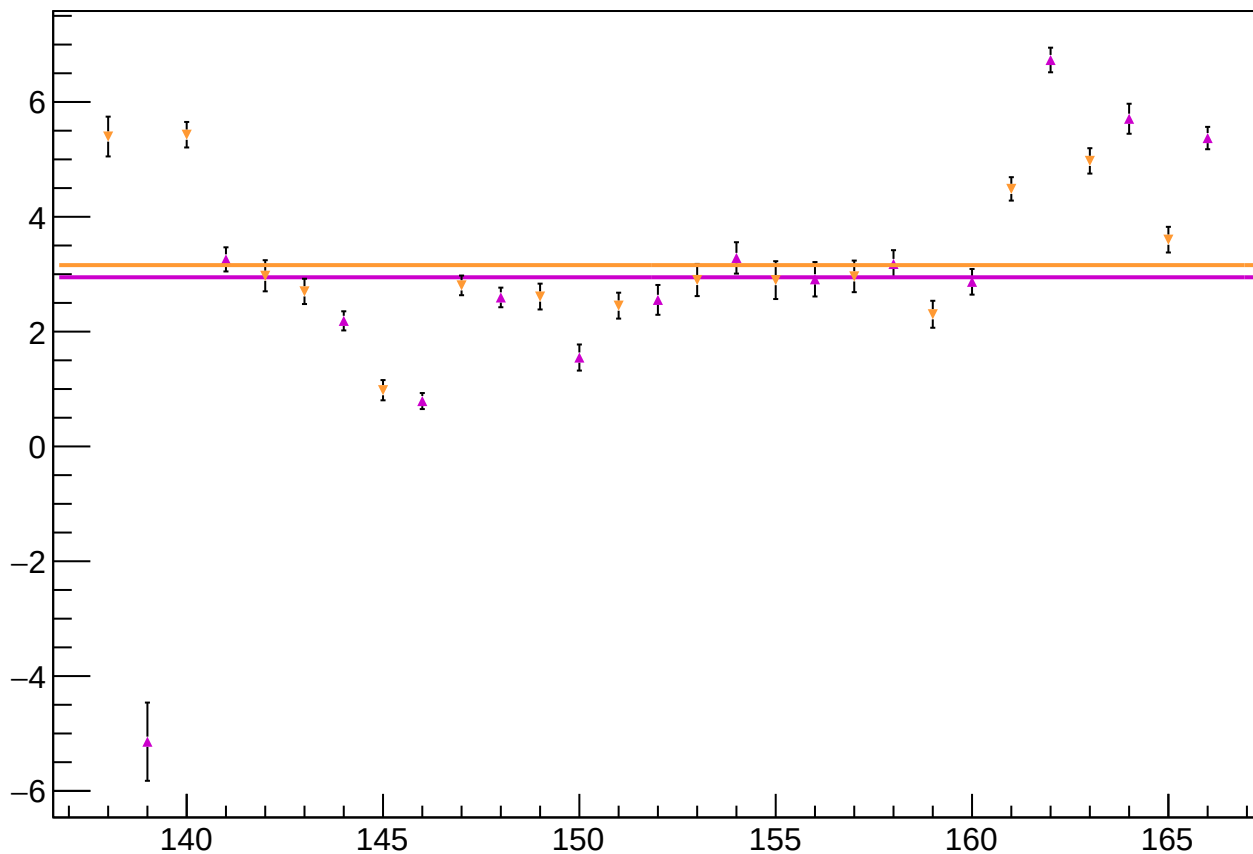
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.352+/-0.084 χ^2/NDF :1783.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.136+/-0.080 χ^2/NDF :1833.2/13

Left: -7.239+/-0.058 χ^2/NDF : 3619.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.136+/-0.080 χ^2/NDF :1833.2/13
 Out: -7.352+/-0.084 χ^2/NDF :1783.0/14
 All: -7.239+/-0.058 χ^2/NDF : 3619.7/28

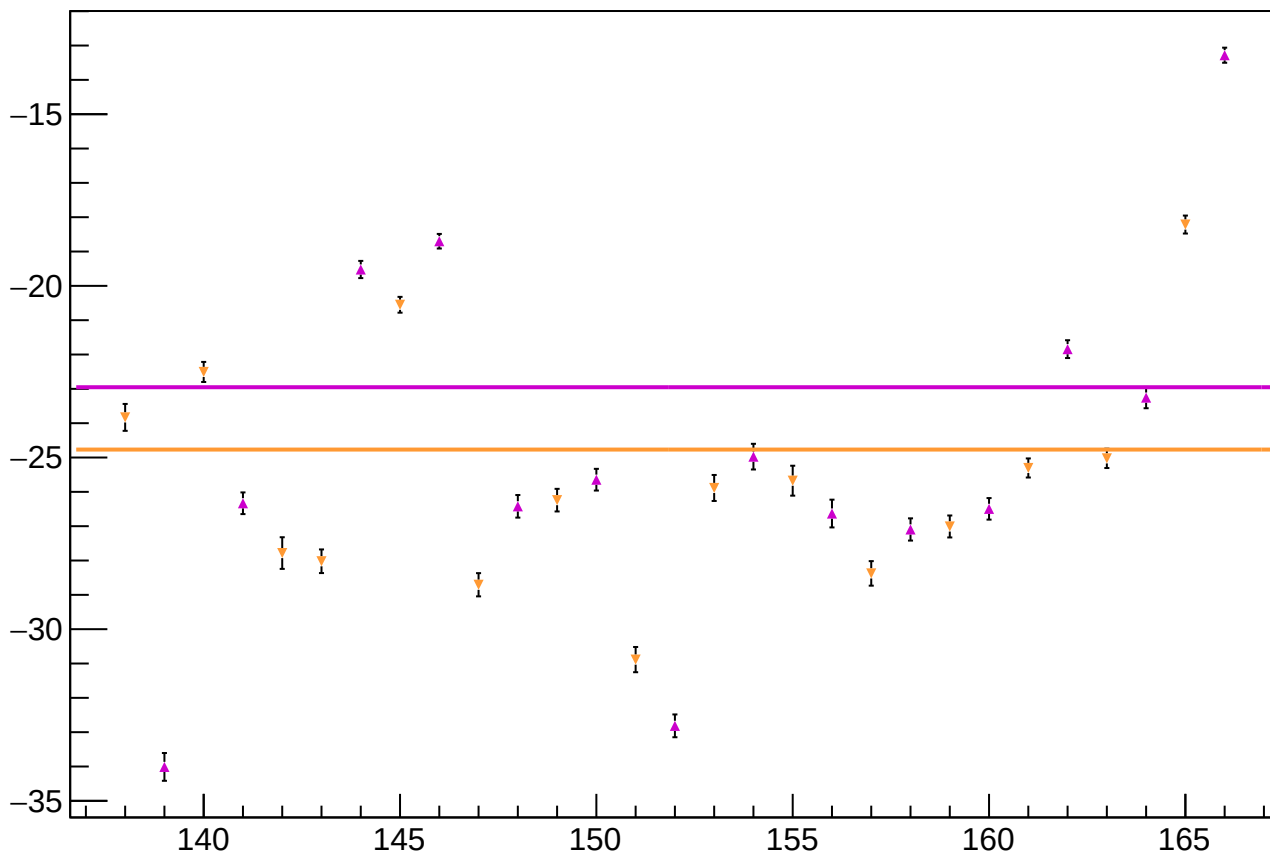
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.158+/-0.059 χ^2/NDF :452.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.947+/-0.057 χ^2/NDF :1027.6/13

Left: 3.049+/-0.041 χ^2/NDF : 1486.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.947+/-0.057 χ^2/NDF :1027.6/13
 Out: 3.158+/-0.059 χ^2/NDF :452.6/14
 All: 3.049+/-0.041 χ^2/NDF : 1486.9/28

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -24.768 $\pm$ 0.083 χ^2 /NDF:1761.4/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -22.952 $\pm$ 0.079 χ^2 /NDF:4874.7/13

Left: -23.813 $\pm$ 0.057 χ^2 /NDF: 6888.5/28

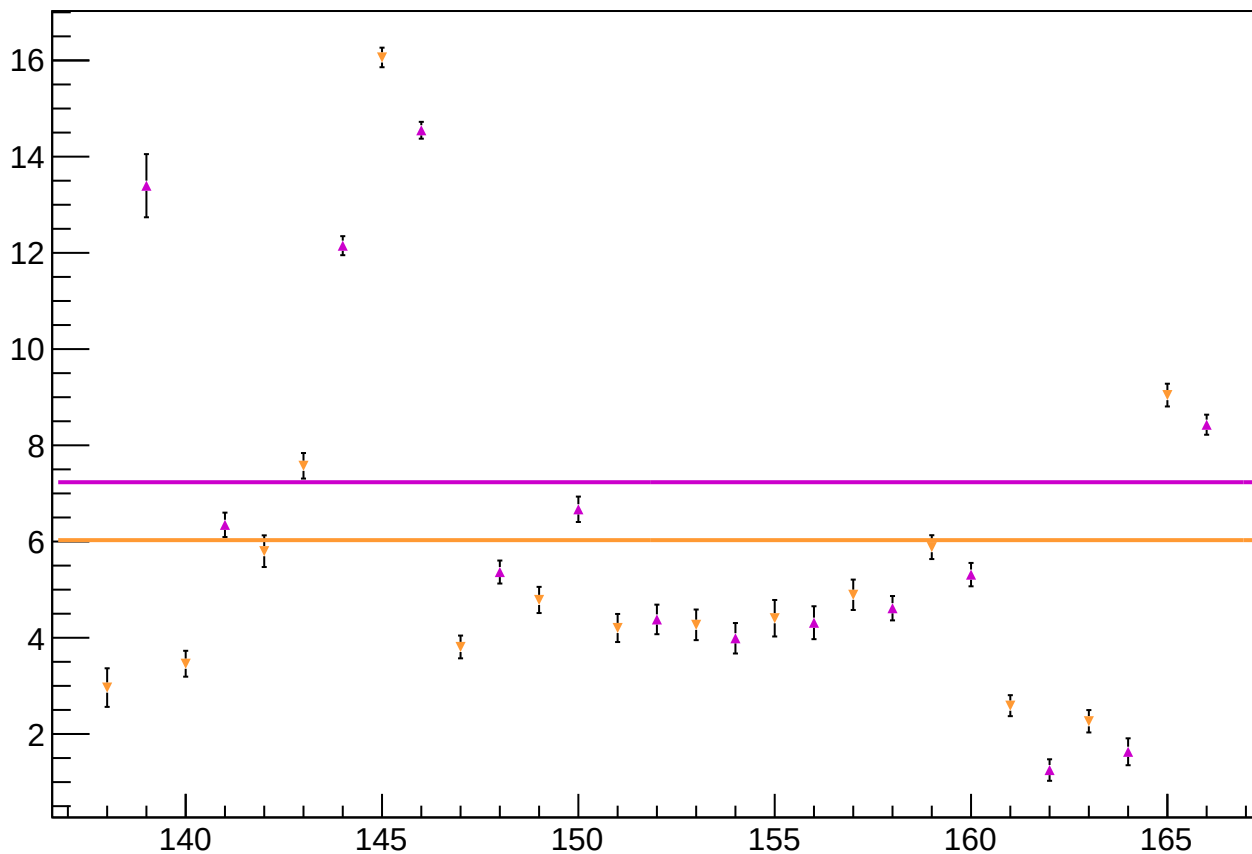
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -22.952 $\pm$ 0.079 χ^2 /NDF:4874.7/13

Out: -24.768 $\pm$ 0.083 χ^2 /NDF:1761.4/14

All: -23.813 $\pm$ 0.057 χ^2 /NDF: 6888.5/28

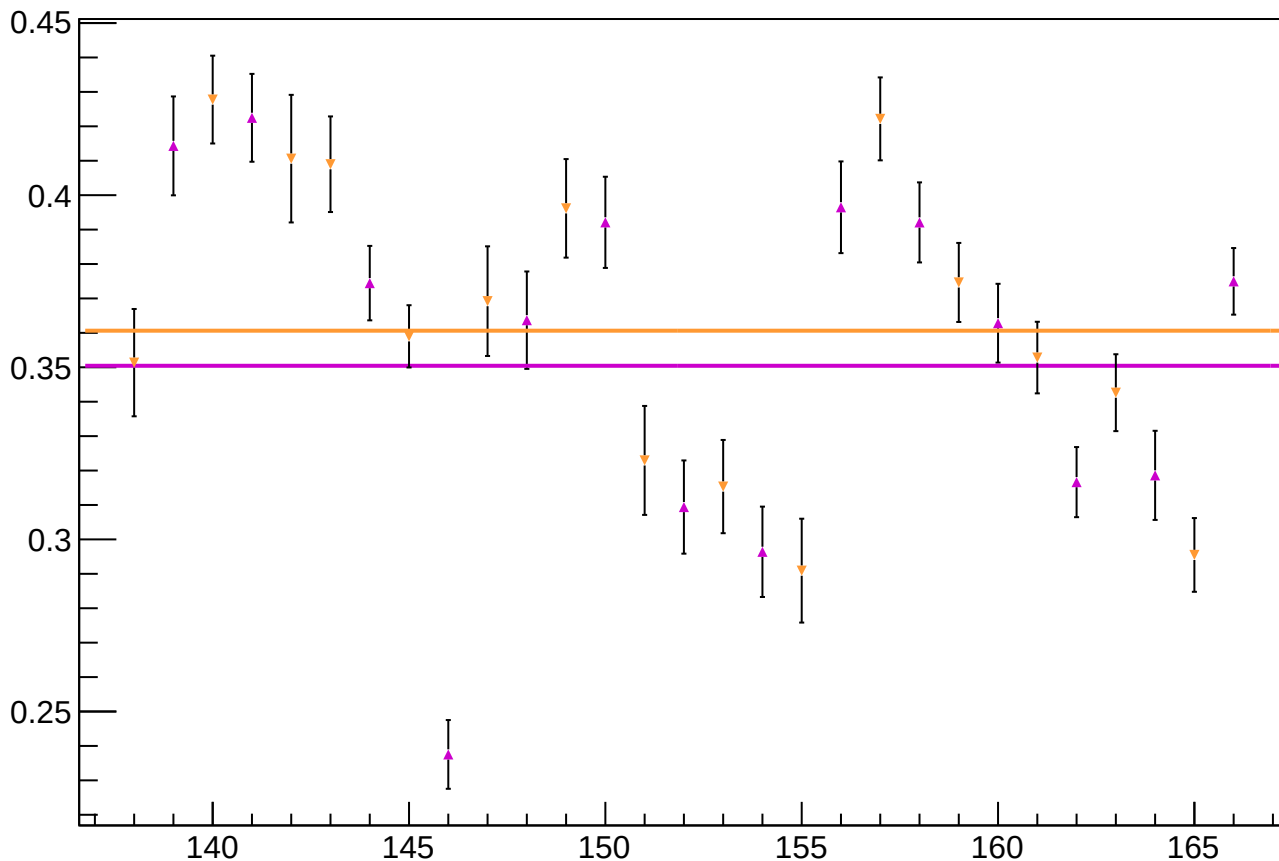
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.029+/-0.069 χ^2/NDF :3504.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.233+/-0.067 χ^2/NDF :4117.7/13

Left: 6.651+/-0.048 χ^2/NDF : 7780.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.233+/-0.067 χ^2/NDF :4117.7/13
 Out: 6.029+/-0.069 χ^2/NDF :3504.8/14
 All: 6.651+/-0.048 χ^2/NDF : 7780.6/28

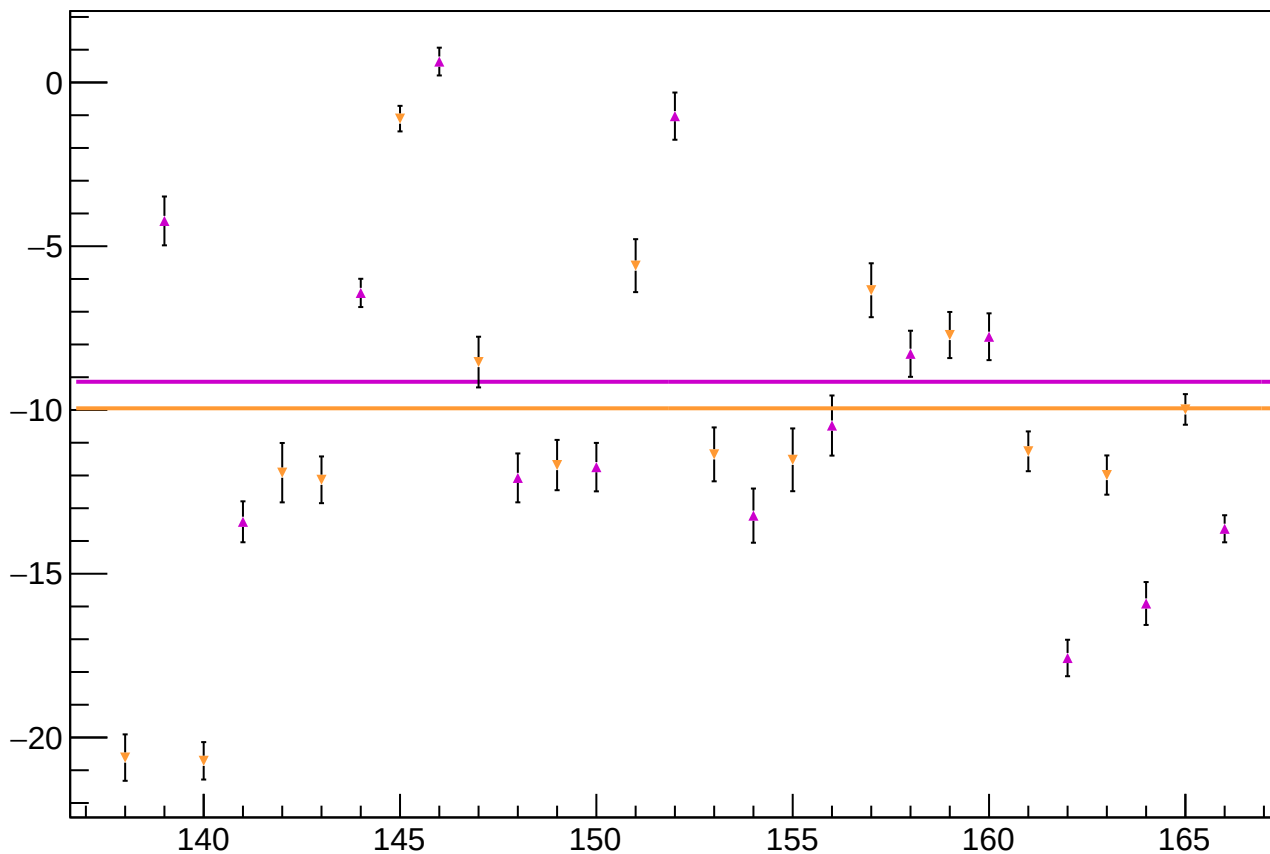
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.361 $\pm$ 0.003 χ^2 /NDF:159.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13

Left: 0.355 $\pm$ 0.002 χ^2 /NDF: 435.6/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13
 Out: 0.361 $\pm$ 0.003 χ^2 /NDF:159.9/14
 All: 0.355 $\pm$ 0.002 χ^2 /NDF: 435.6/28

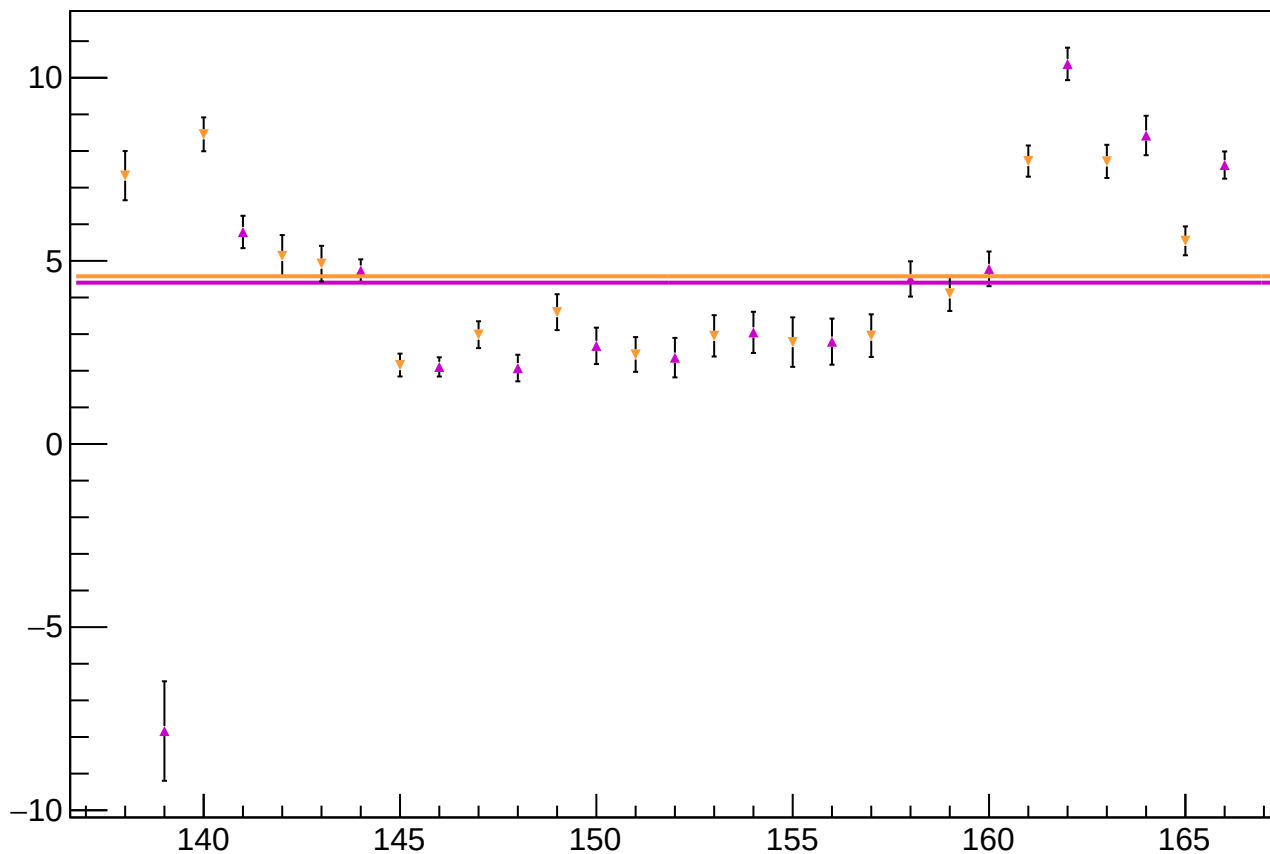
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.949 $\pm$ 0.167 χ^2/NDF :1198.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -9.139 $\pm$ 0.160 χ^2/NDF :1301.2/13

Left: -9.527 $\pm$ 0.116 χ^2/NDF : 2511.6/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -9.139 $\pm$ 0.160 χ^2/NDF :1301.2/13
 Out: -9.949 $\pm$ 0.167 χ^2/NDF :1198.1/14
 All: -9.527 $\pm$ 0.116 χ^2/NDF : 2511.6/28

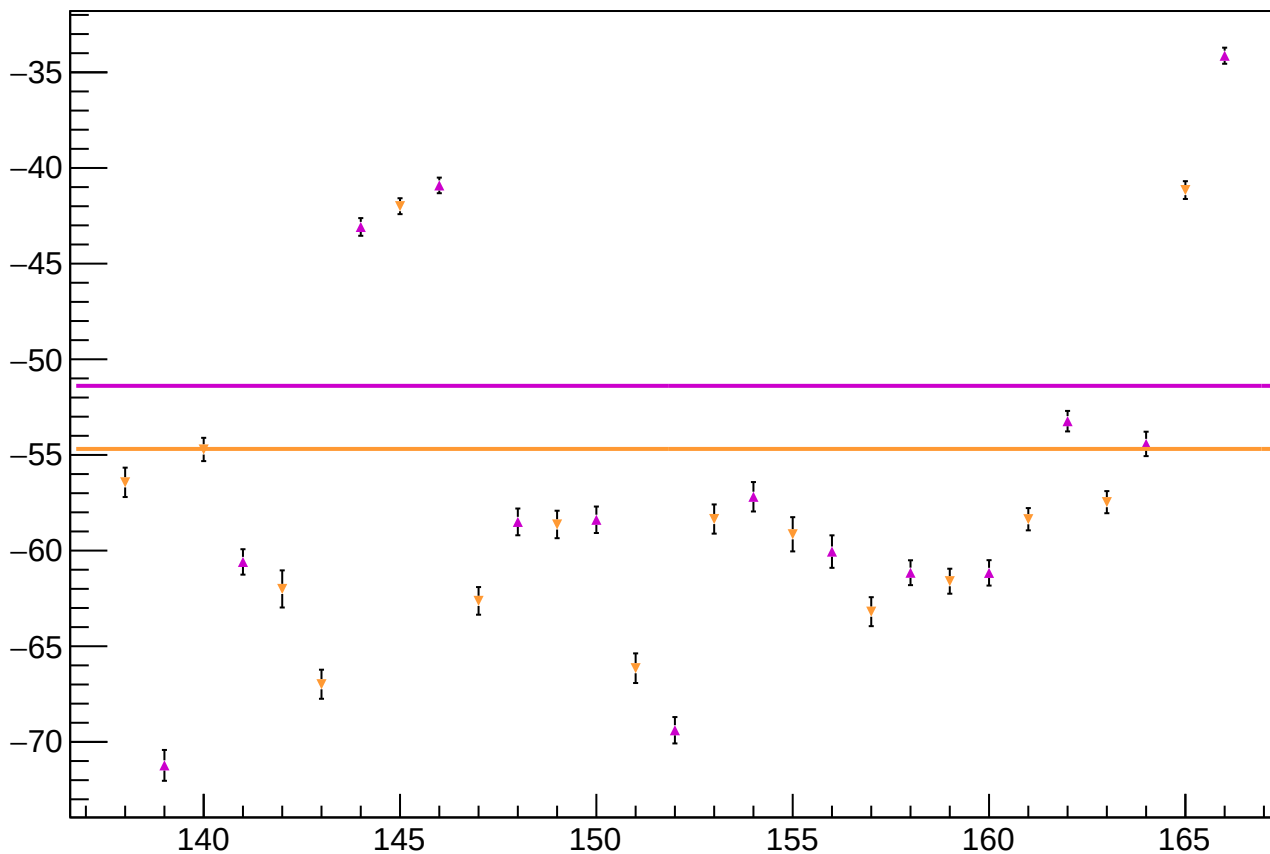
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.580 $\pm$ 0.120 χ^2 /NDF:324.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13

Left: 4.489 $\pm$ 0.083 χ^2 /NDF: 887.7/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13
 Out: 4.580 $\pm$ 0.120 χ^2 /NDF:324.4/14
 All: 4.489 $\pm$ 0.083 χ^2 /NDF: 887.7/28

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



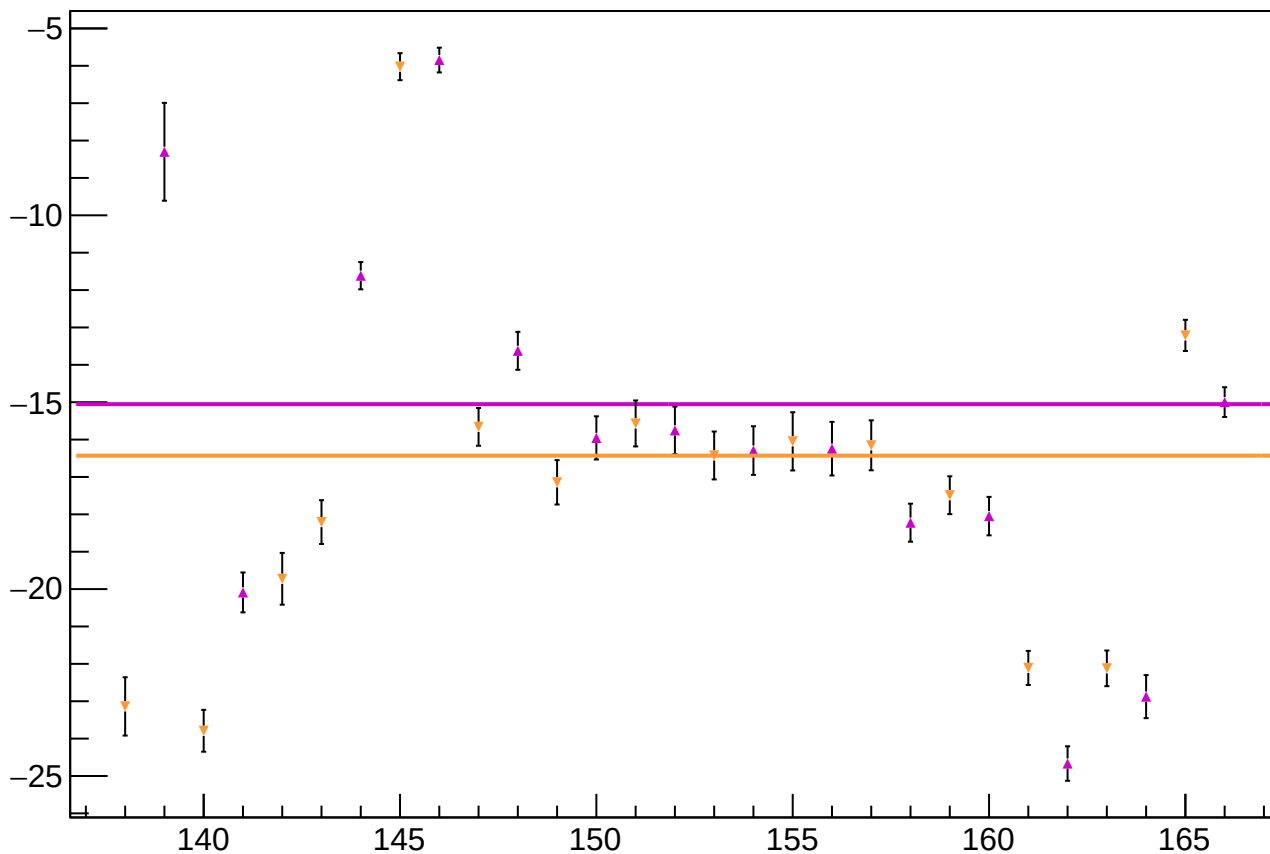
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.685+/-0.166 χ^2/NDF : 2823.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -51.388+/-0.158 χ^2/NDF : 4988.6/13

Left: -52.952+/-0.115 χ^2/NDF : 8018.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.388+/-0.158 χ^2/NDF : 4988.6/13
 Out: -54.685+/-0.166 χ^2/NDF : 2823.1/14

All: -52.952+/-0.115 χ^2/NDF : 8018.2/28

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.430+/-0.139 χ^2/NDF :1477.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.052+/-0.134 χ^2/NDF :1686.2/13

Left: -15.716+/-0.096 χ^2/NDF : 3215.1/28

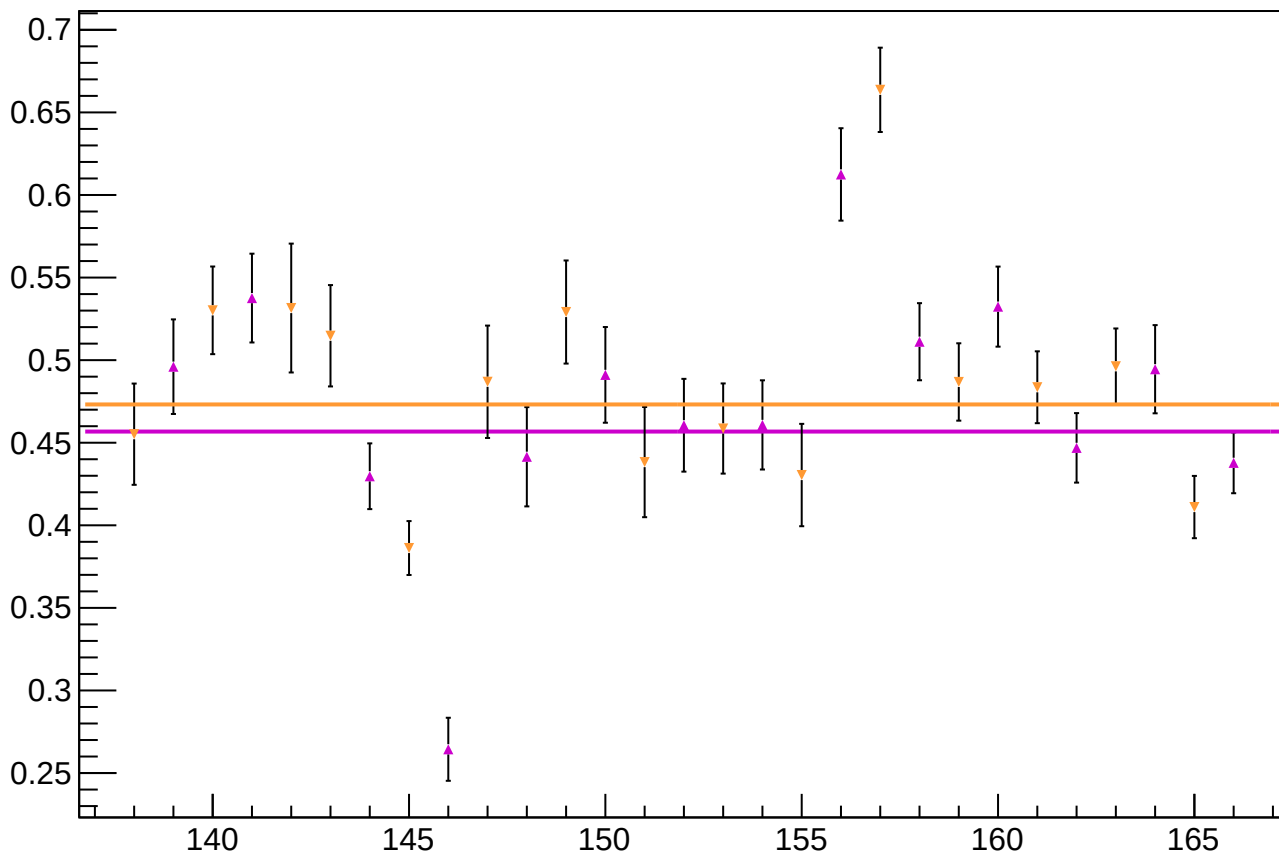
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.052+/-0.134 χ^2/NDF :1686.2/13

Out: -16.430+/-0.139 χ^2/NDF :1477.7/14

All: -15.716+/-0.096 χ^2/NDF : 3215.1/28

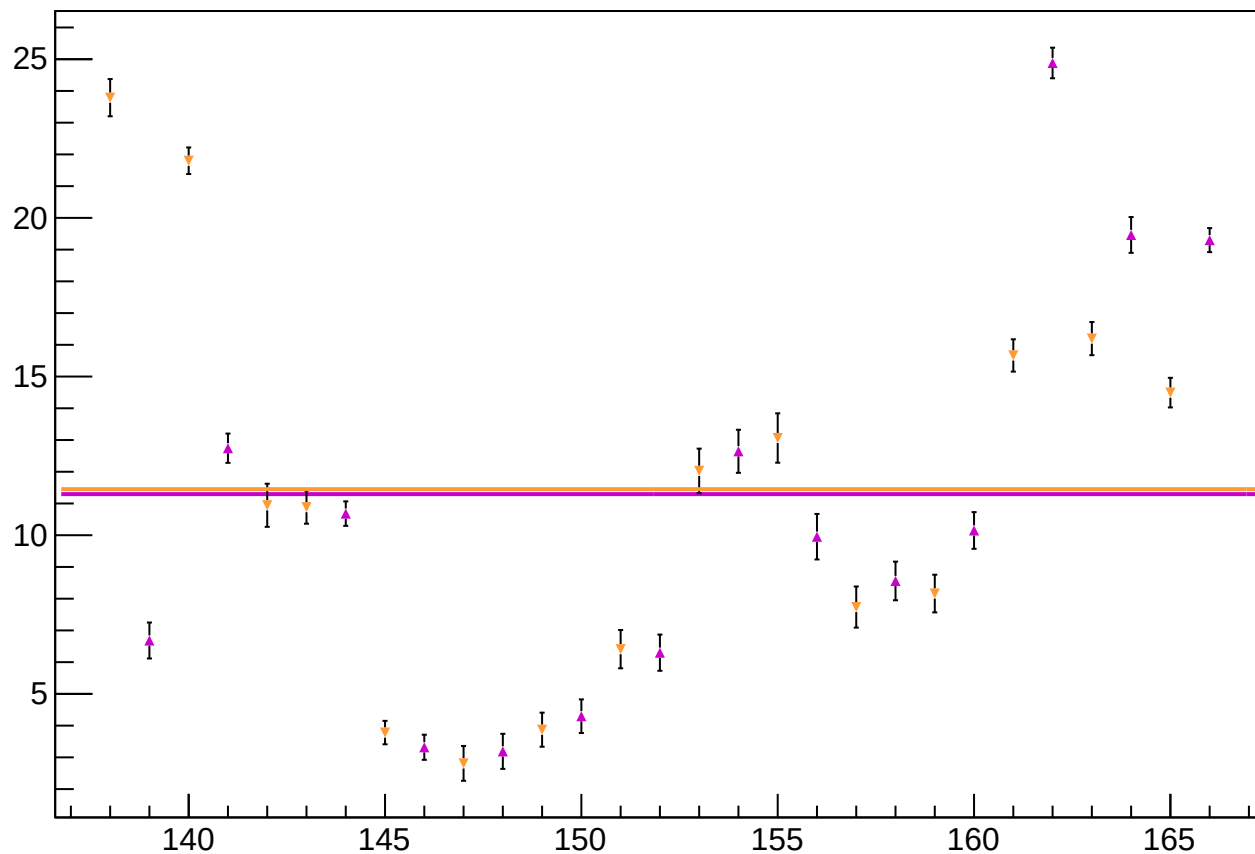
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.2/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13

Left: 0.465 $\pm$ 0.005 χ^2 /NDF: 280.9/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13
 Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.2/14
 All: 0.465 $\pm$ 0.005 χ^2 /NDF: 280.9/28

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: 11.452 +/- 0.138 χ^2/NDF : 2266.0/14

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: 11.295 +/- 0.135 χ^2/NDF : 2433.3/13

Left: 11.372 +/- 0.097 χ^2/NDF : 4700.0/28

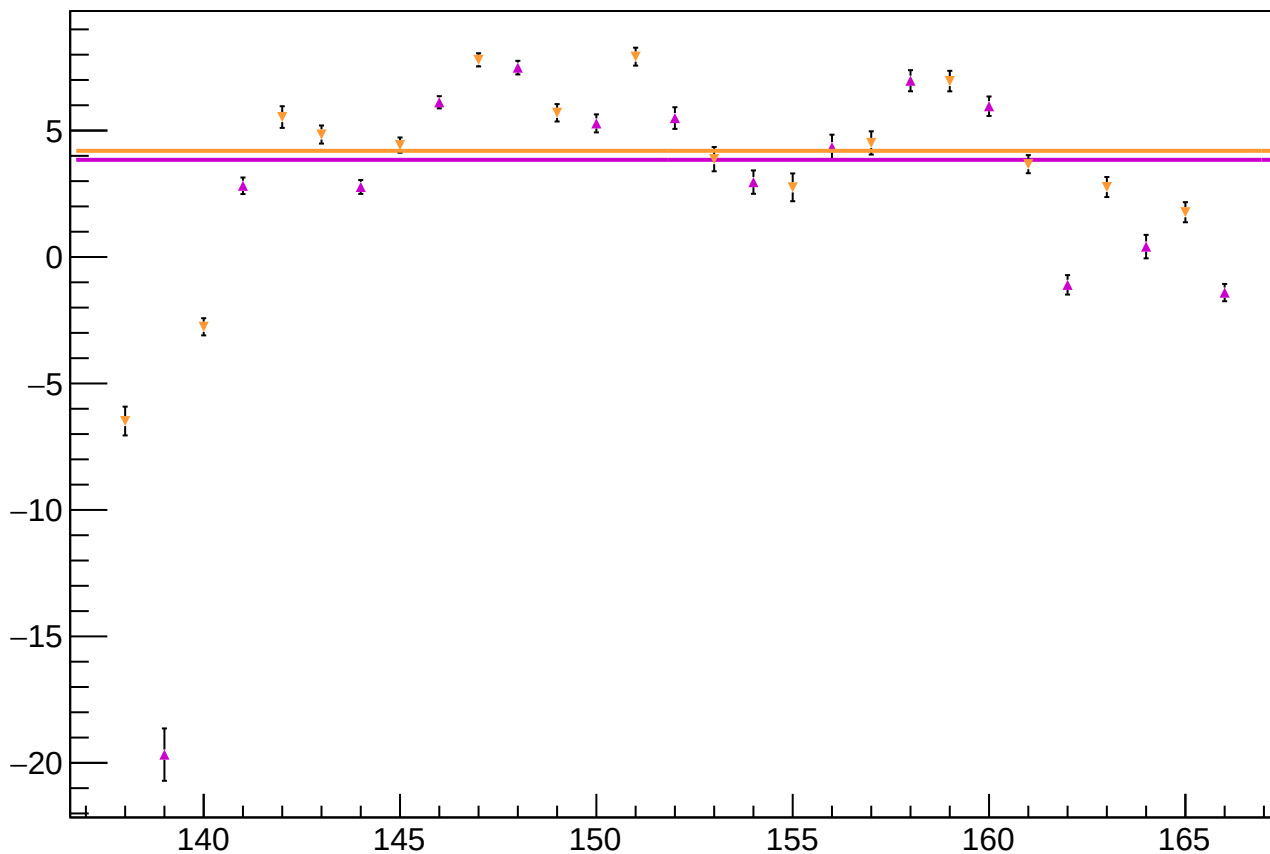
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 11.295 +/- 0.135 χ^2/NDF : 2433.3/13

Out: 11.452 +/- 0.138 χ^2/NDF : 2266.0/14

All: 11.372 +/- 0.097 χ^2/NDF : 4700.0/28

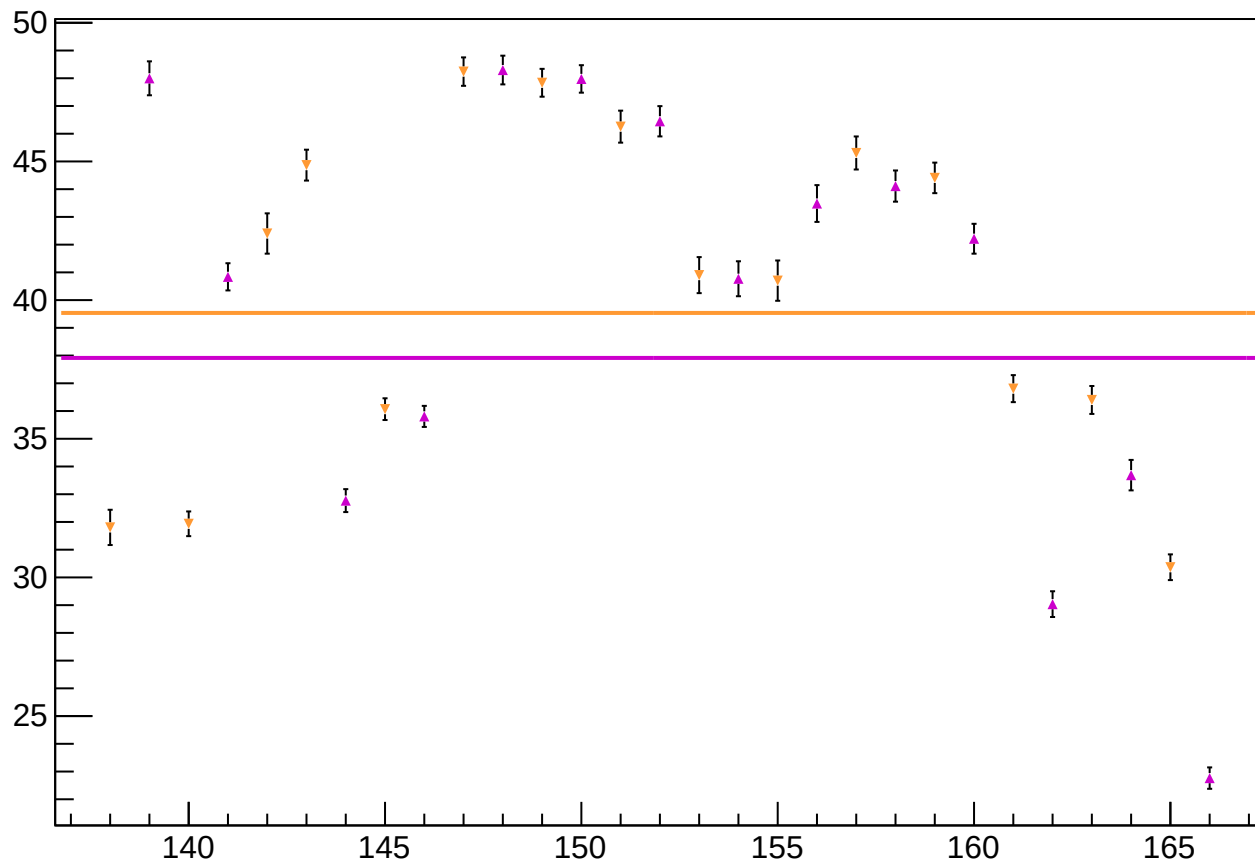
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.199 $\pm$ 0.097 χ^2 /NDF:1211.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13

Left: 4.019 $\pm$ 0.068 χ^2 /NDF: 2609.1/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13
 Out: 4.199 $\pm$ 0.097 χ^2 /NDF:1211.8/14
 All: 4.019 $\pm$ 0.068 χ^2 /NDF: 2609.1/28

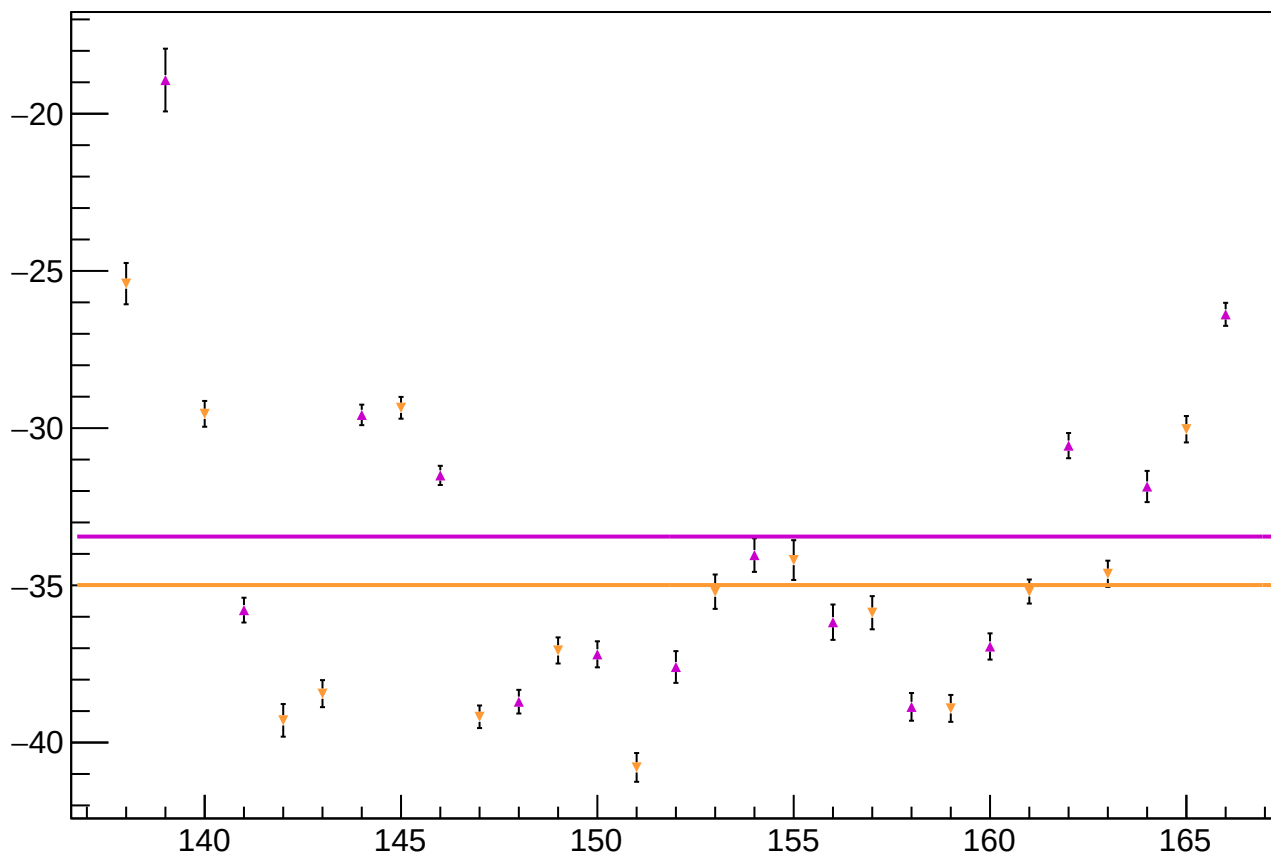
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 39.538+/-0.137 χ^2/NDF :1961.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.915+/-0.133 χ^2/NDF :3793.9/13

Left: 38.699+/-0.095 χ^2/NDF : 5827.8/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.915+/-0.133 χ^2/NDF :3793.9/13
 Out: 39.538+/-0.137 χ^2/NDF :1961.6/14
 All: 38.699+/-0.095 χ^2/NDF : 5827.8/28

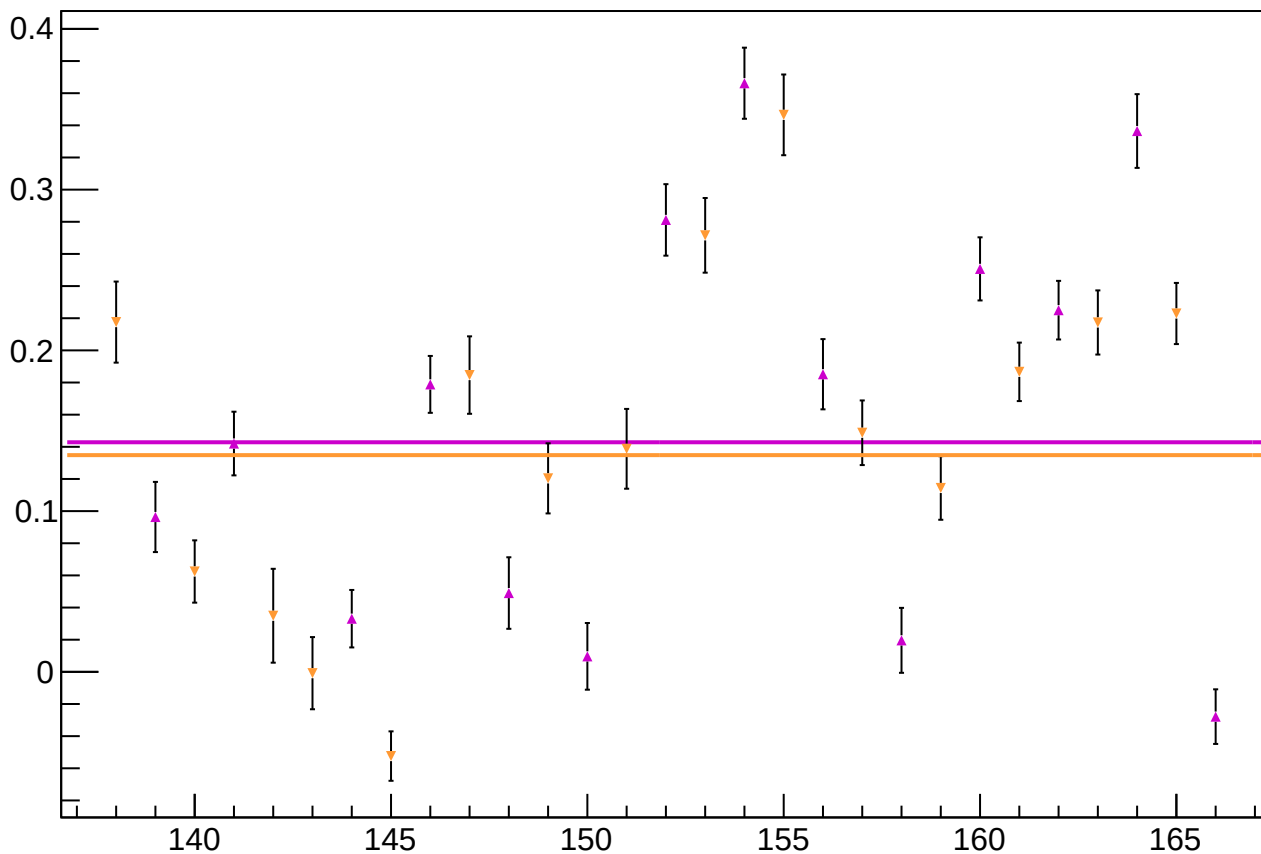
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.991+/-0.114 χ^2/NDF :1337.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.449+/-0.112 χ^2/NDF :1452.3/13

Left: -34.208+/-0.080 χ^2/NDF : 2883.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.449+/-0.112 χ^2/NDF :1452.3/13
 Out: -34.991+/-0.114 χ^2/NDF :1337.7/14
 All: -34.208+/-0.080 χ^2/NDF : 2883.3/28

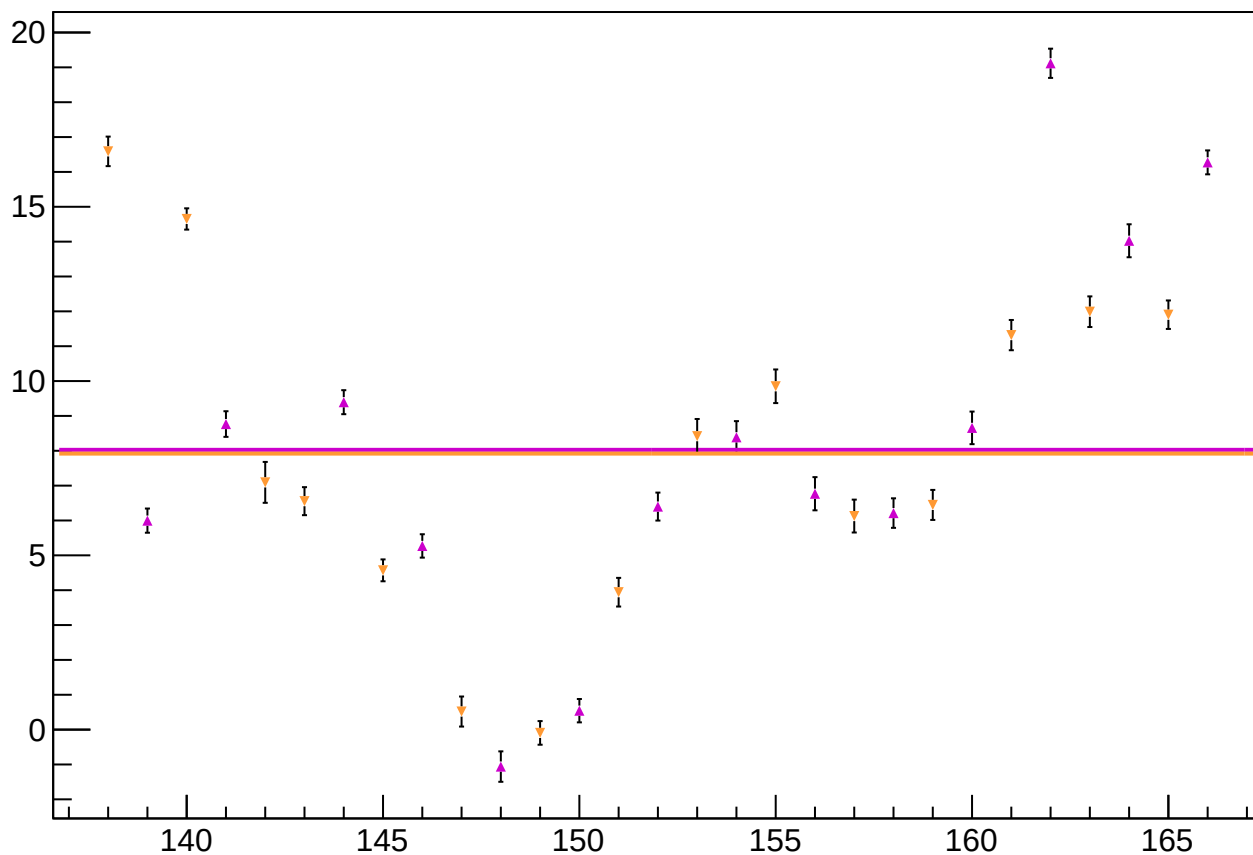
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.135 $\pm$ 0.005 χ^2 /NDF:379.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13

Left: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.5/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13
 Out: 0.135 $\pm$ 0.005 χ^2 /NDF:379.8/14
 All: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.5/28

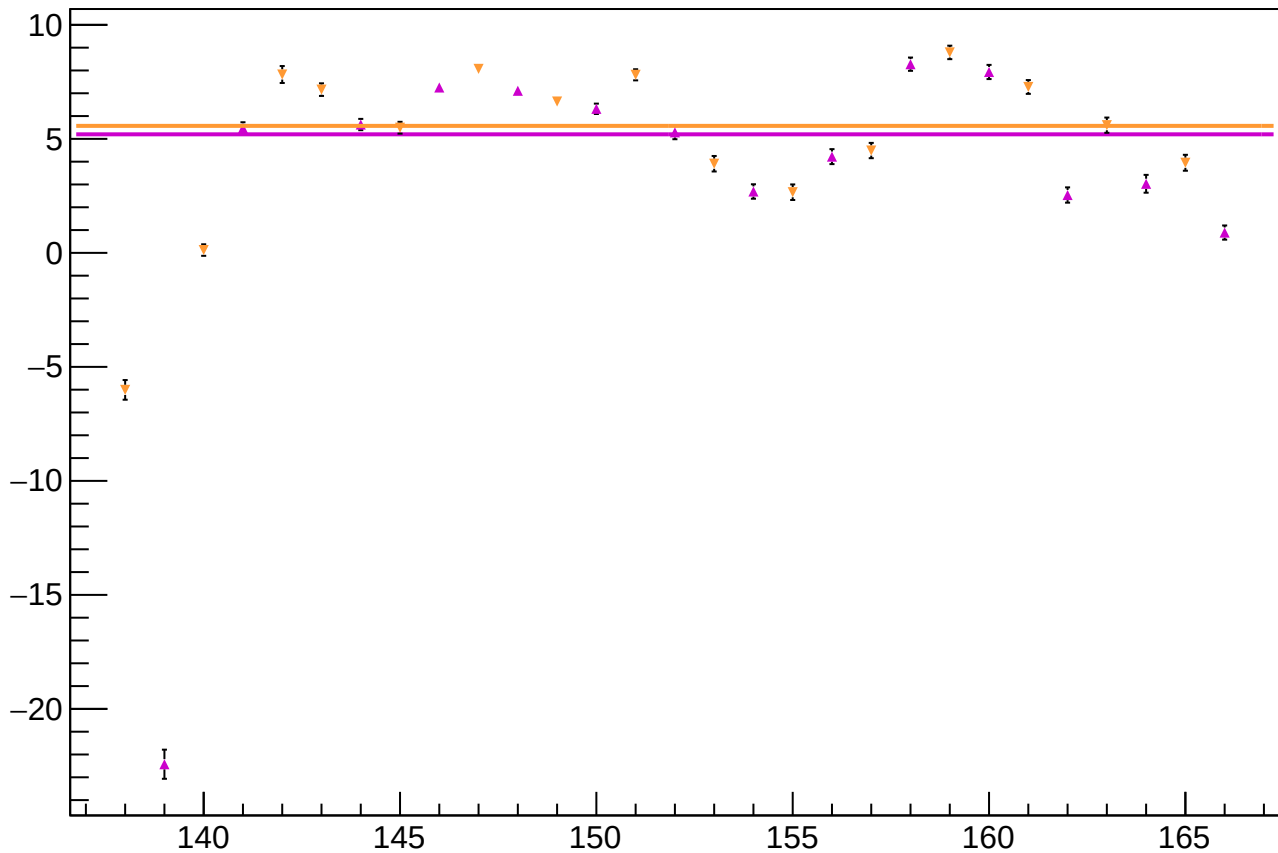
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.919+/-0.105 χ^2/NDF :2264.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.027+/-0.105 χ^2/NDF :2535.1/13

Left: 7.973+/-0.074 χ^2/NDF : 4800.1/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.027+/-0.105 χ^2/NDF :2535.1/13
 Out: 7.919+/-0.105 χ^2/NDF :2264.5/14
 All: 7.973+/-0.074 χ^2/NDF : 4800.1/28

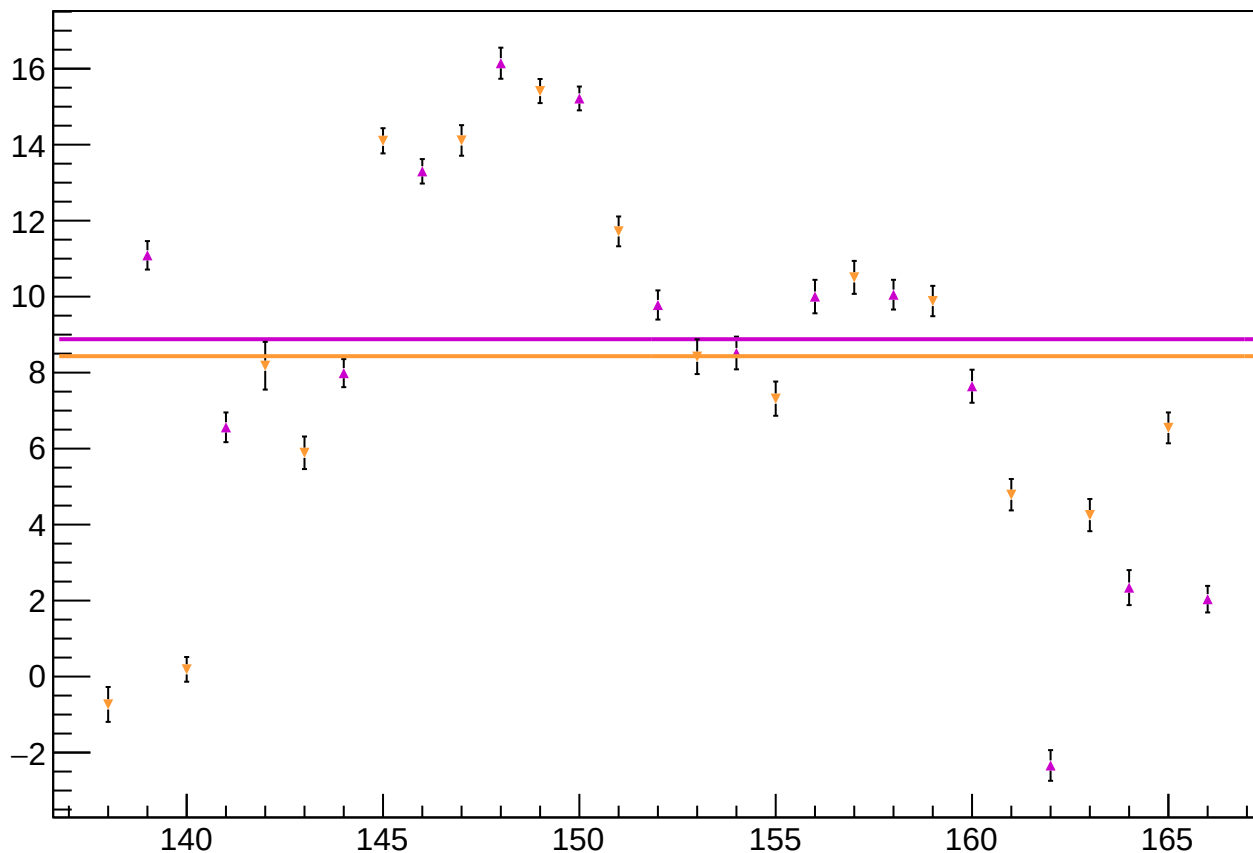
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.570+/-0.074 χ^2/NDF :1786.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.199+/-0.076 χ^2/NDF :2614.9/13

Left: 5.389+/-0.053 χ^2/NDF : 4413.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.199+/-0.076 χ^2/NDF :2614.9/13
 Out: 5.570+/-0.074 χ^2/NDF :1786.7/14
 All: 5.389+/-0.053 χ^2/NDF : 4413.9/28

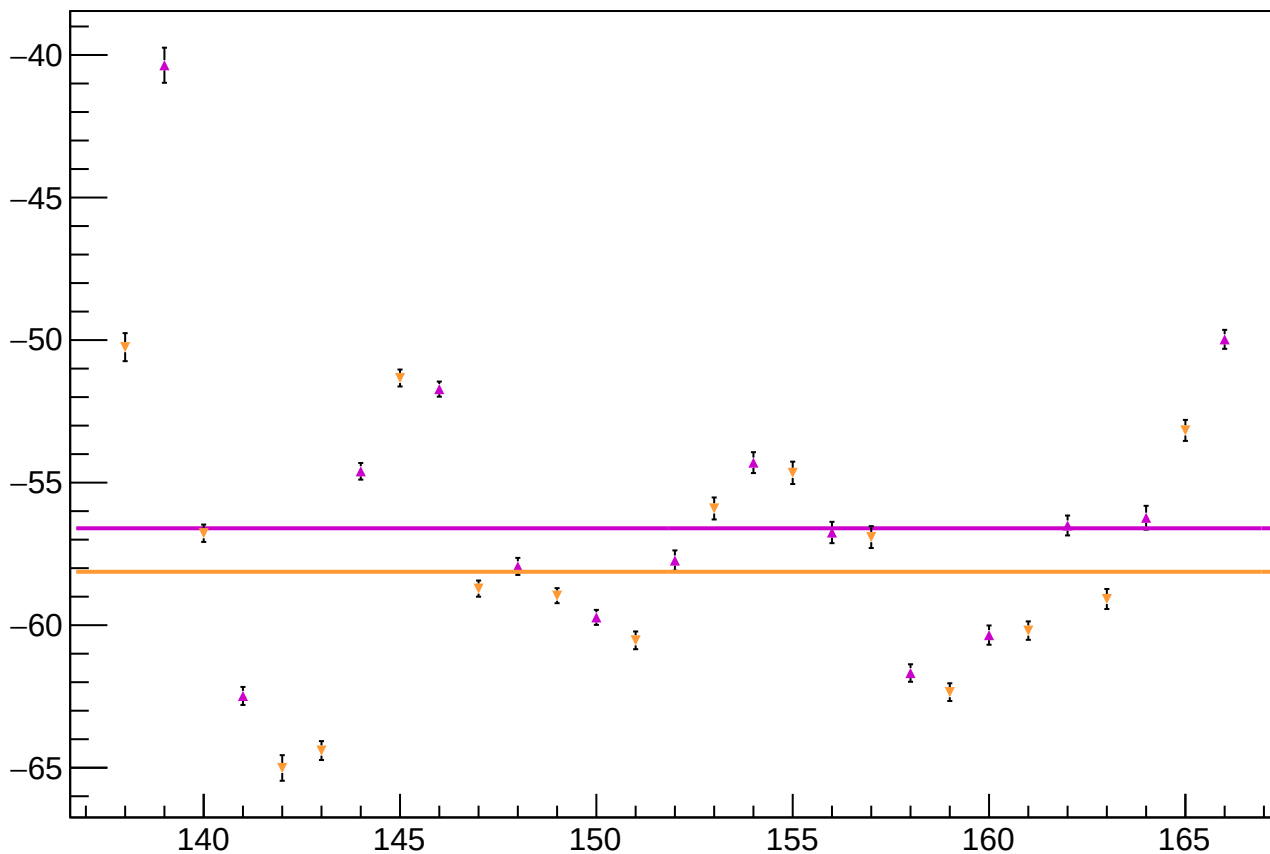
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.433+/-0.104 χ^2/NDF :2359.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.879+/-0.103 χ^2/NDF :2373.6/13

Left: 8.659+/-0.073 χ^2/NDF : 4742.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.879+/-0.103 χ^2/NDF :2373.6/13
 Out: 8.433+/-0.104 χ^2/NDF :2359.9/14
 All: 8.659+/-0.073 χ^2/NDF : 4742.9/28

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



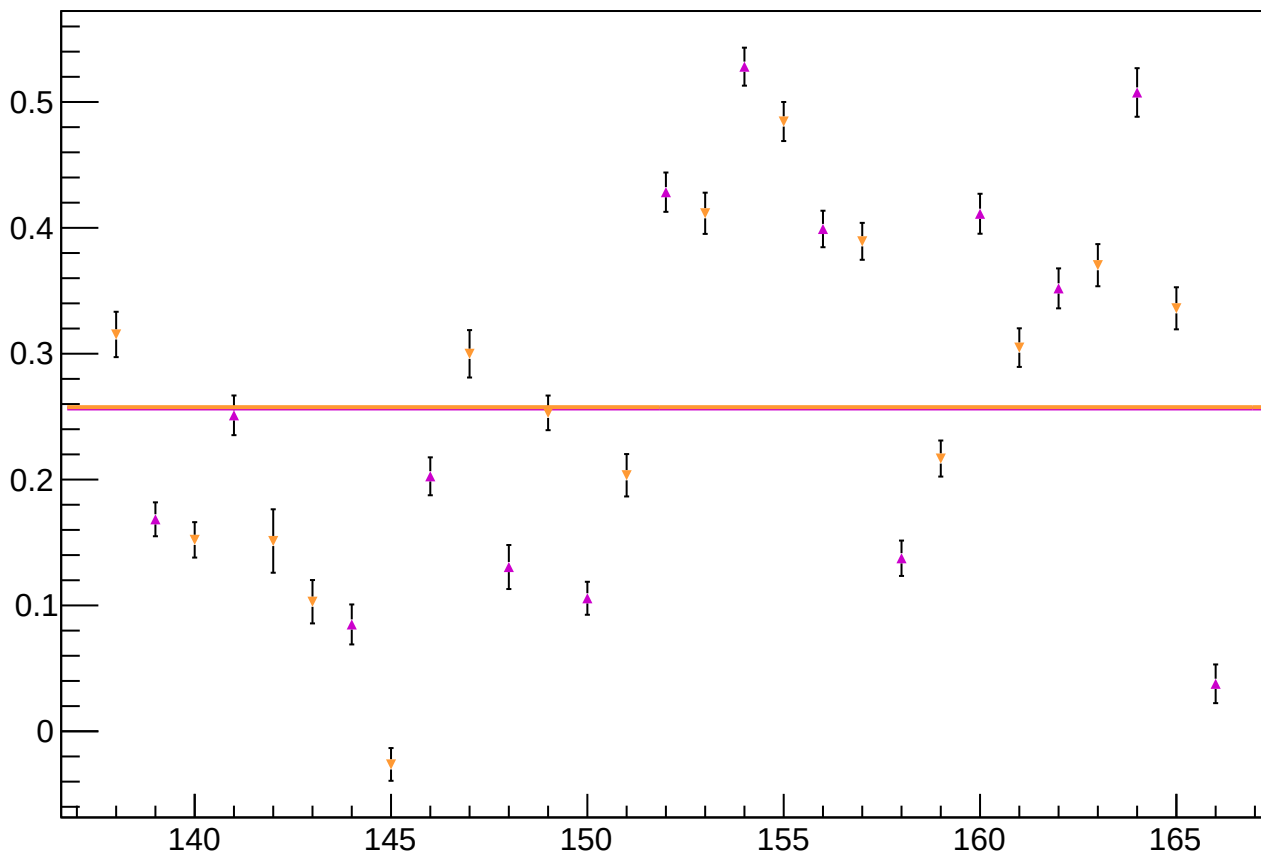
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -58.127 ± 0.087 χ^2/NDF : 1999.7/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -56.601 ± 0.088 χ^2/NDF : 2431.7/13

Left: -57.375 ± 0.062 χ^2/NDF : 4583.7/28
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -56.601 ± 0.088 χ^2/NDF : 2431.7/13
 Out: -58.127 ± 0.087 χ^2/NDF : 1999.7/14

All: -57.375 ± 0.062 χ^2/NDF : 4583.7/28

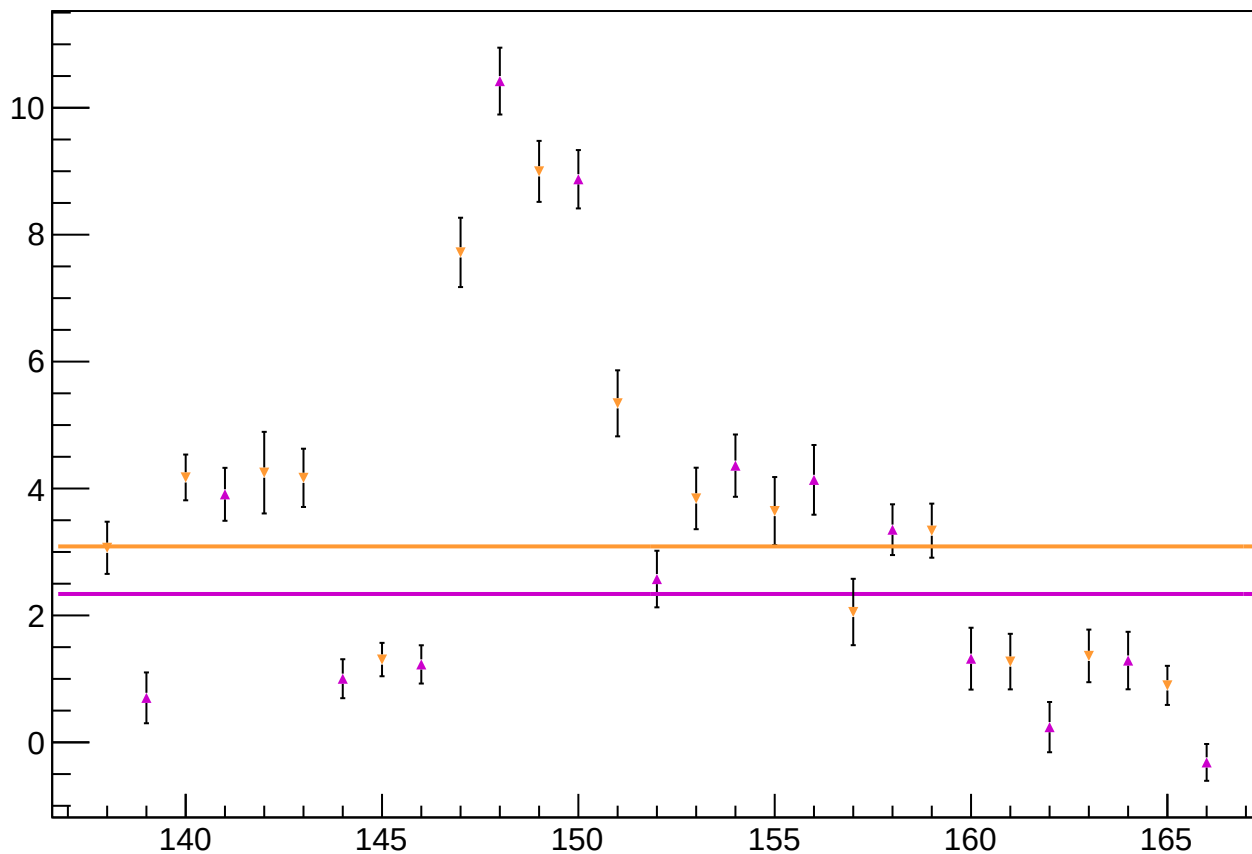
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.258 $\pm$ 0.004 χ^2 /NDF:1124.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.004 χ^2 /NDF:1472.7/13

Left: 0.257 $\pm$ 0.003 χ^2 /NDF: 2597.1/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.256 $\pm$ 0.004 χ^2 /NDF:1472.7/13
 Out: 0.258 $\pm$ 0.004 χ^2 /NDF:1124.4/14
 All: 0.257 $\pm$ 0.003 χ^2 /NDF: 2597.1/28

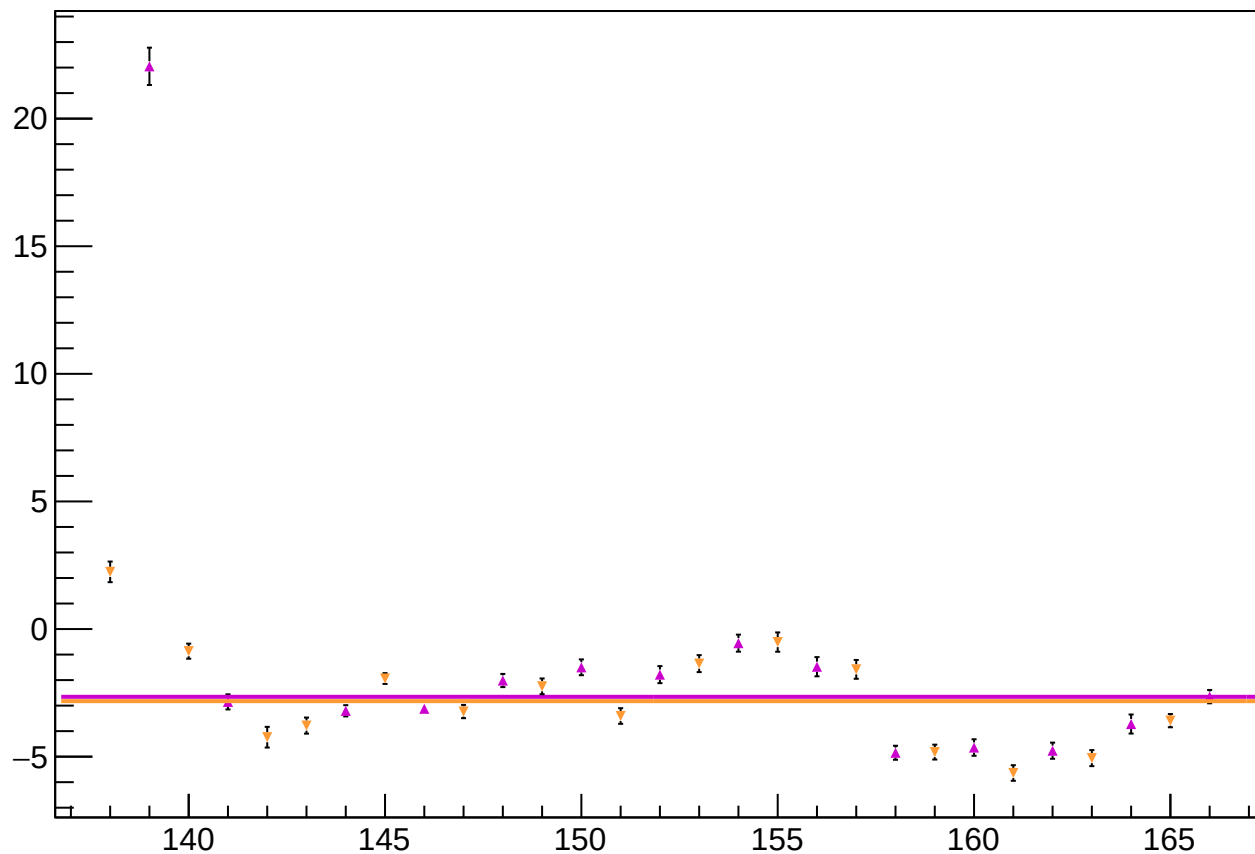
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.087 $\pm$ 0.108 χ^2 /NDF:398.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.338 $\pm$ 0.107 χ^2 /NDF:656.8/13

Left: 2.706 $\pm$ 0.076 χ^2 /NDF: 1079.6/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.338 $\pm$ 0.107 χ^2 /NDF:656.8/13
 Out: 3.087 $\pm$ 0.108 χ^2 /NDF:398.5/14
 All: 2.706 $\pm$ 0.076 χ^2 /NDF: 1079.6/28

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



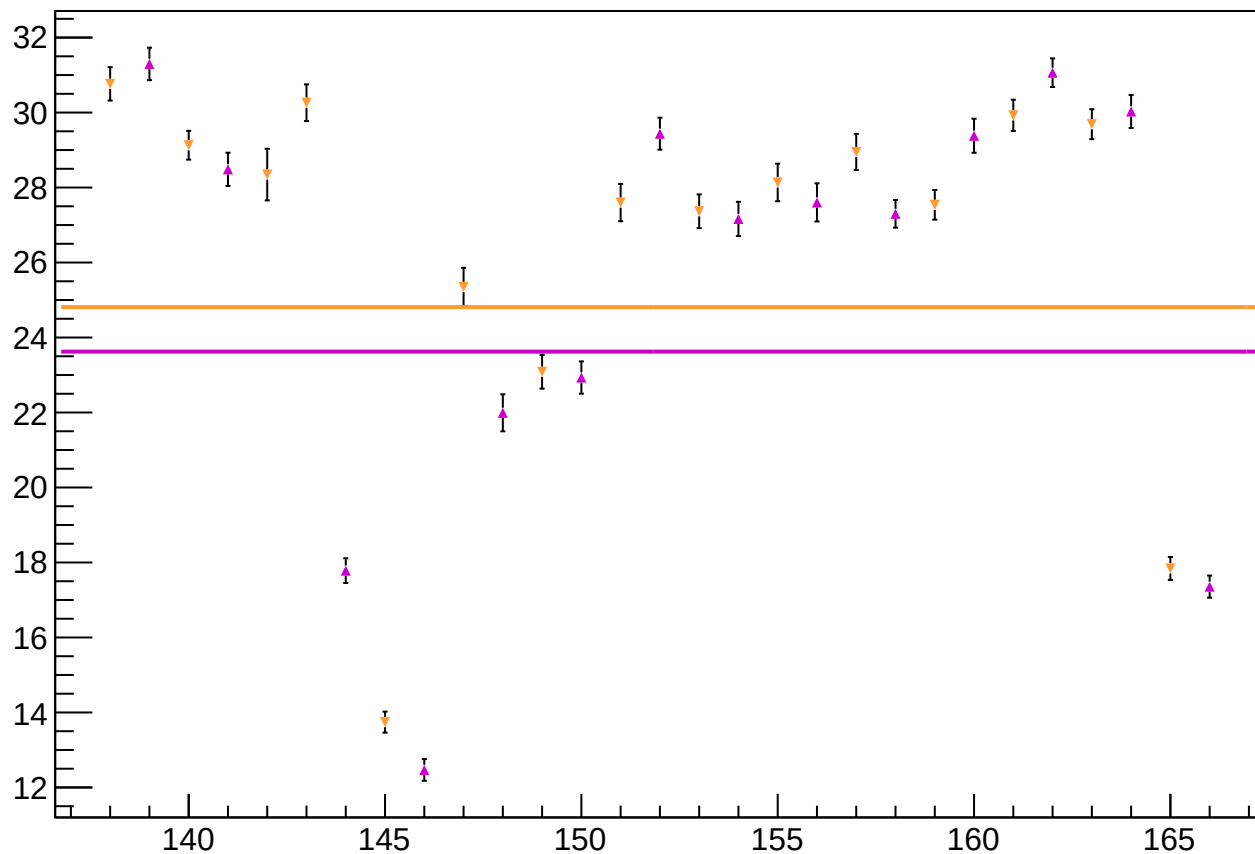
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.825 $\pm$ 0.078 χ^2 /NDF:508.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.654 $\pm$ 0.078 χ^2 /NDF:1385.0/13

Left: -2.739 $\pm$ 0.055 χ^2 /NDF: 1896.3/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.654 $\pm$ 0.078 χ^2 /NDF:1385.0/13
 Out: -2.825 $\pm$ 0.078 χ^2 /NDF:508.9/14

All: -2.739 $\pm$ 0.055 χ^2 /NDF: 1896.3/28

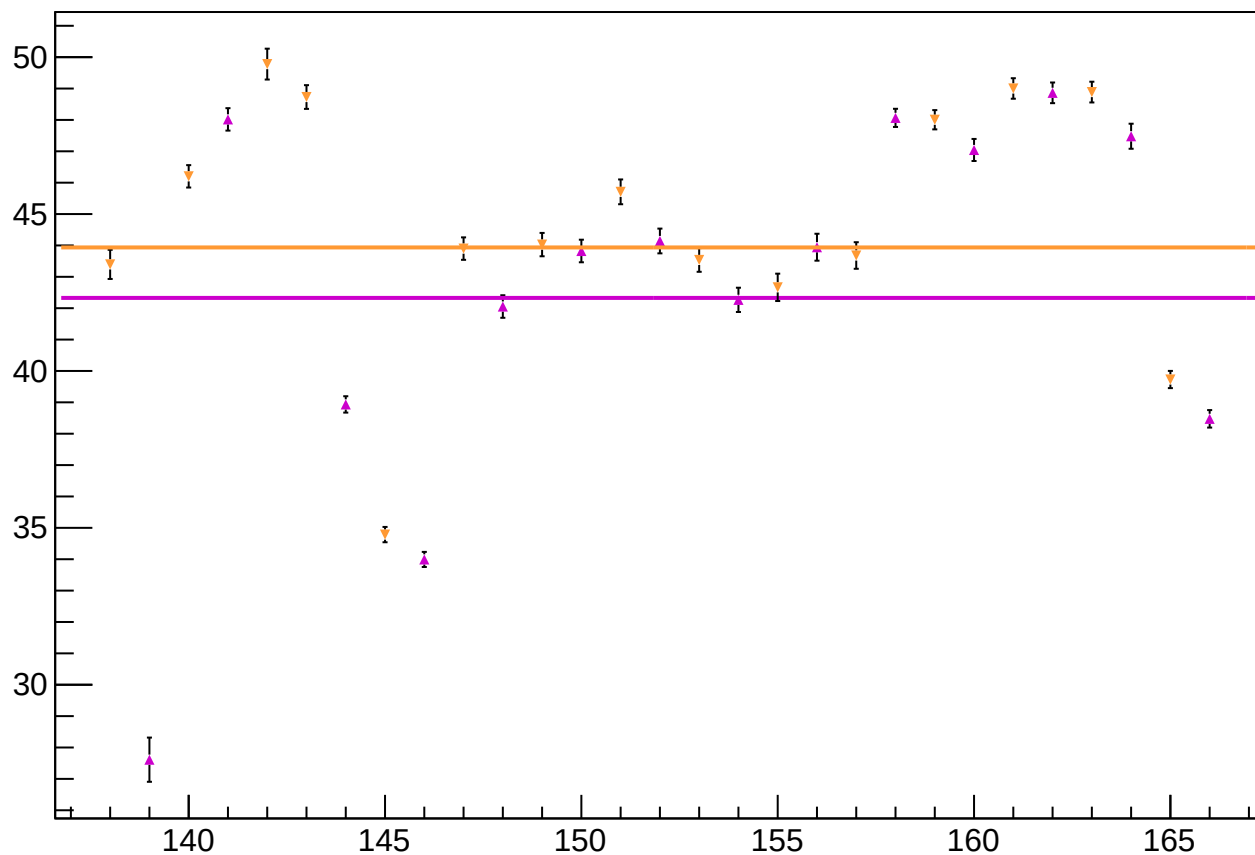
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 24.811+/-0.108 χ^2/NDF :3076.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.623+/-0.105 χ^2/NDF :3853.8/13

Left: 24.201+/-0.075 χ^2/NDF : 6992.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.623+/-0.105 χ^2/NDF :3853.8/13
 Out: 24.811+/-0.108 χ^2/NDF :3076.4/14
 All: 24.201+/-0.075 χ^2/NDF : 6992.5/28

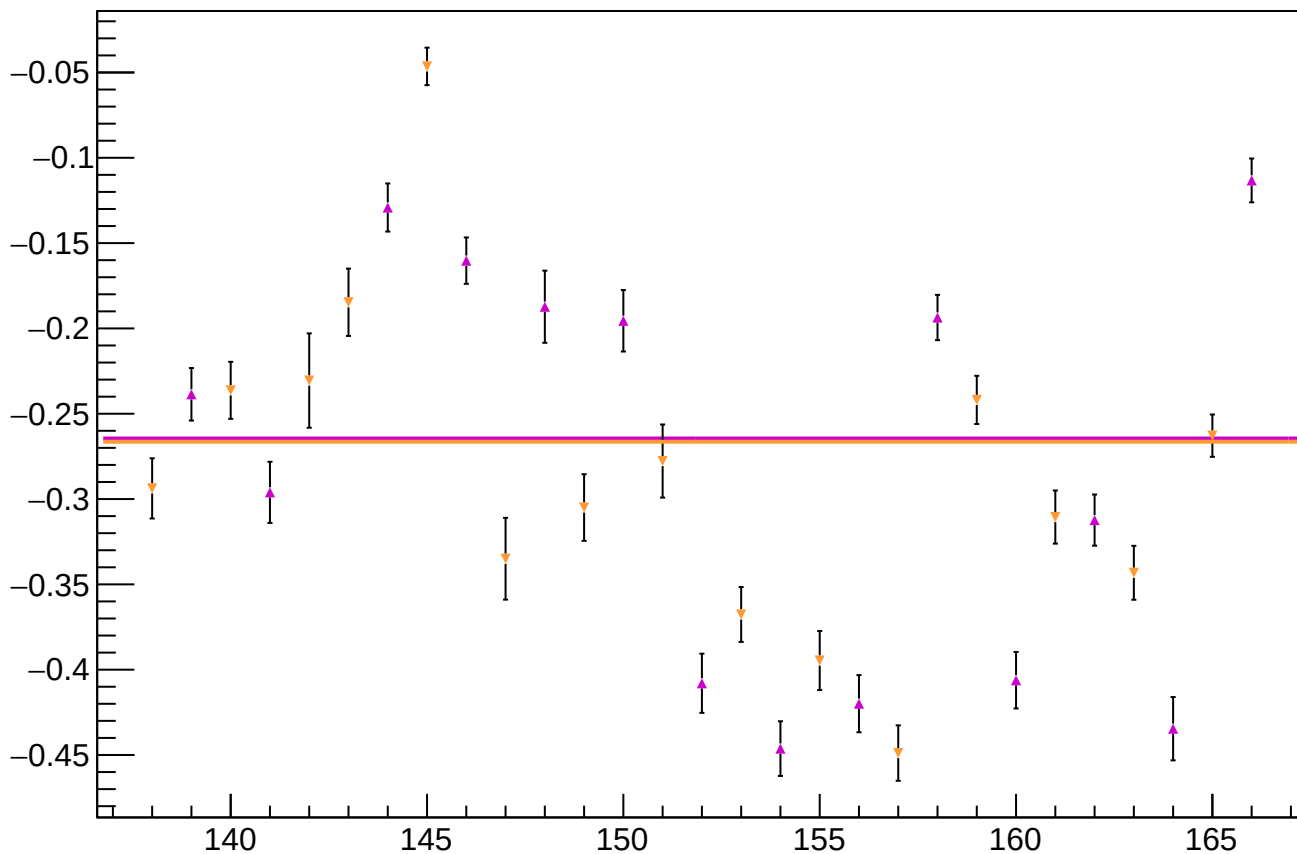
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.936+/-0.090 χ^2/NDF :2656.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 42.328+/-0.090 χ^2/NDF :3437.0/13

Left: 43.125+/-0.064 χ^2/NDF : 6253.1/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.328+/-0.090 χ^2/NDF :3437.0/13
 Out: 43.936+/-0.090 χ^2/NDF :2656.8/14
 All: 43.125+/-0.064 χ^2/NDF : 6253.1/28

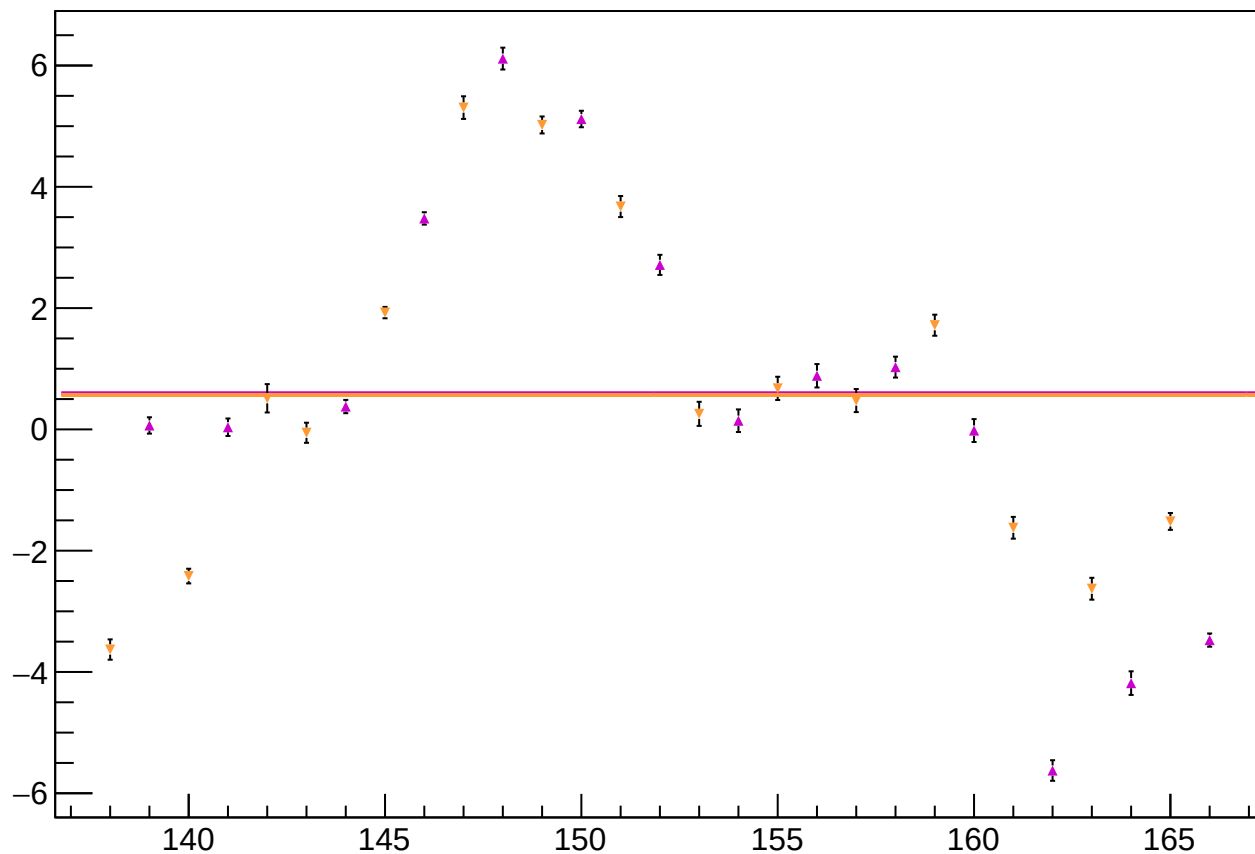
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.266+/-0.004 χ^2/NDF : 693.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.265+/-0.004 χ^2/NDF : 803.1/13

Left: -0.265+/-0.003 χ^2/NDF : 1496.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.265+/-0.004 χ^2/NDF : 803.1/13
 Out: -0.266+/-0.004 χ^2/NDF : 693.2/14
 All: -0.265+/-0.003 χ^2/NDF : 1496.3/28

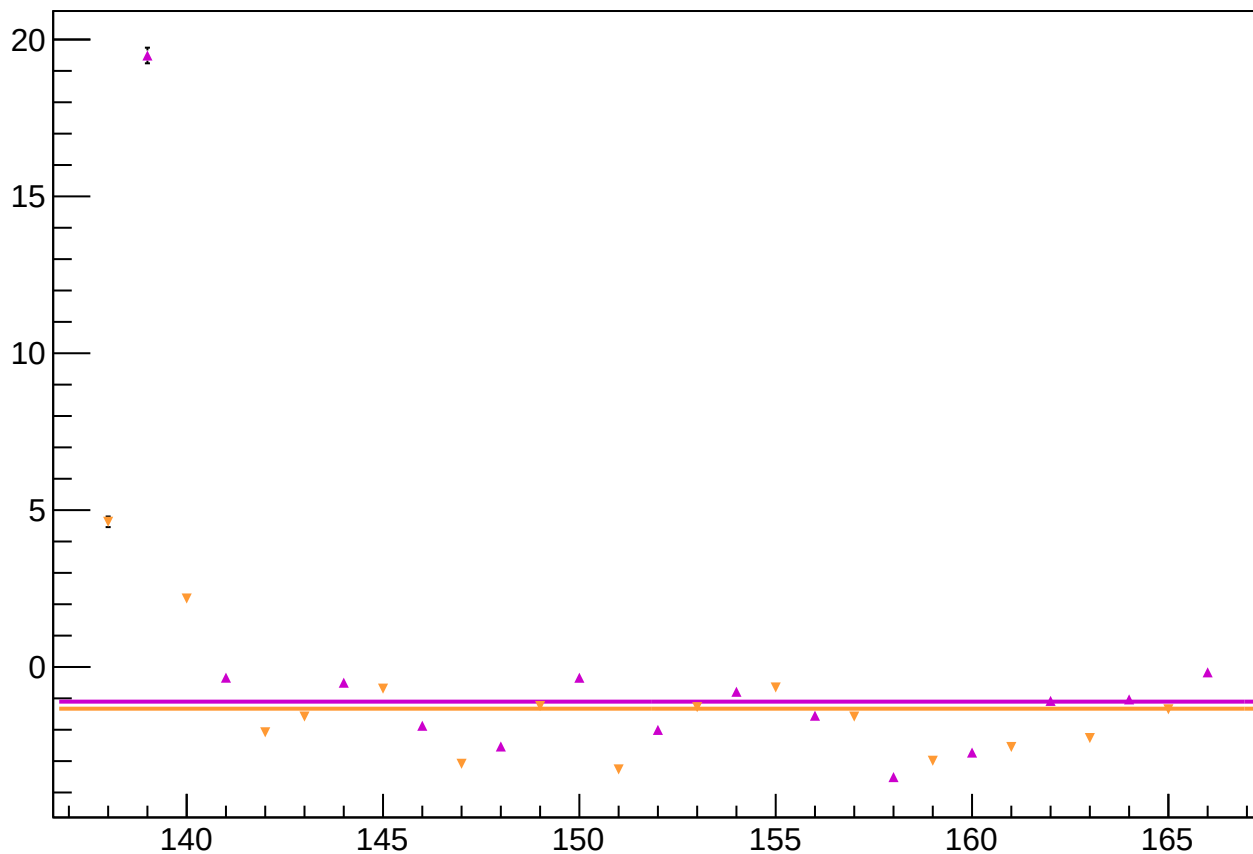
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.567+/-0.040 χ^2/NDF :4169.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.596+/-0.039 χ^2/NDF :6407.5/13

Left: 0.582+/-0.028 χ^2/NDF : 10577.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.596+/-0.039 χ^2/NDF :6407.5/13
 Out: 0.567+/-0.040 χ^2/NDF :4169.8/14
 All: 0.582+/-0.028 χ^2/NDF : 10577.6/28

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



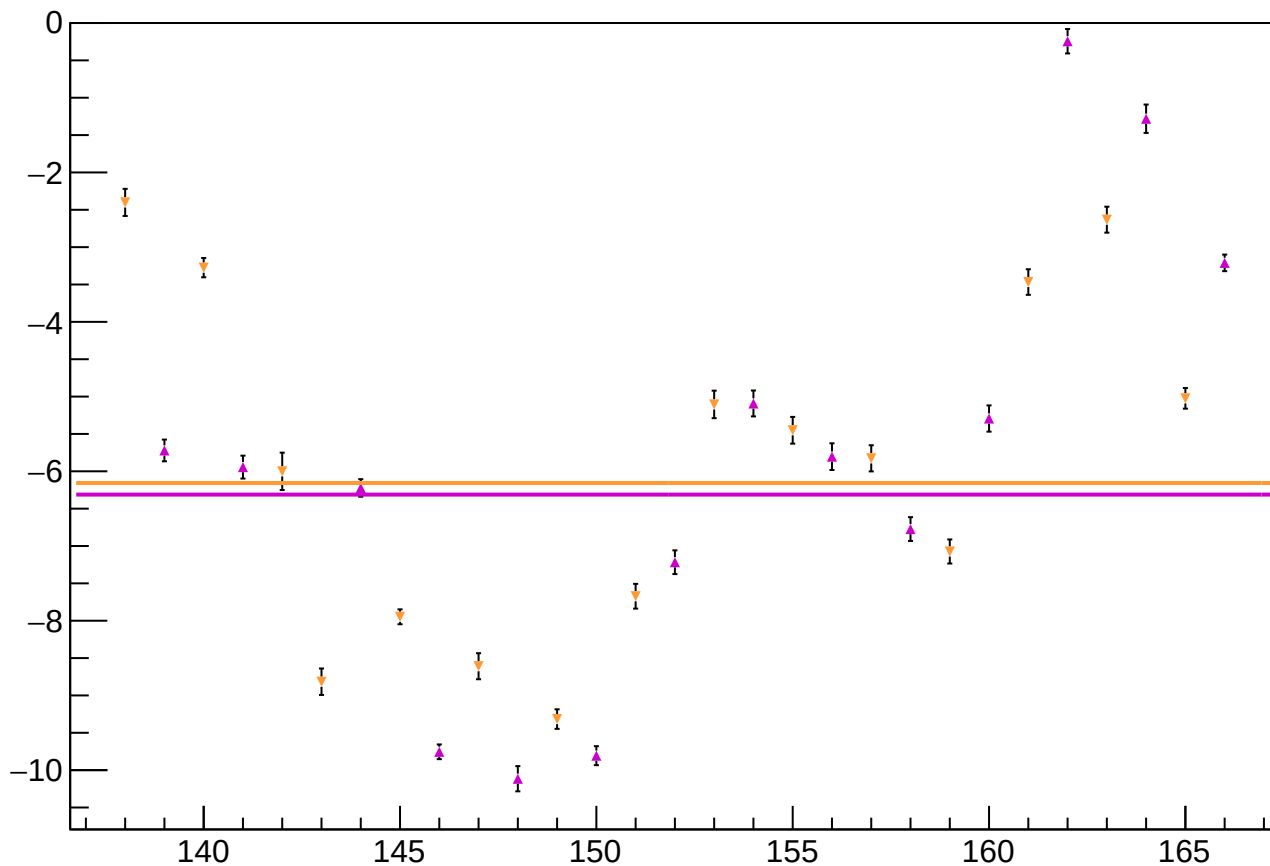
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.329+/-0.029 χ^2/NDF :3675.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.104+/-0.028 χ^2/NDF :8143.3/13

Left: -1.214+/-0.020 χ^2/NDF : 11849.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.104+/-0.028 χ^2/NDF :8143.3/13
 Out: -1.329+/-0.029 χ^2/NDF :3675.1/14

All: -1.214+/-0.020 χ^2/NDF : 11849.3/28

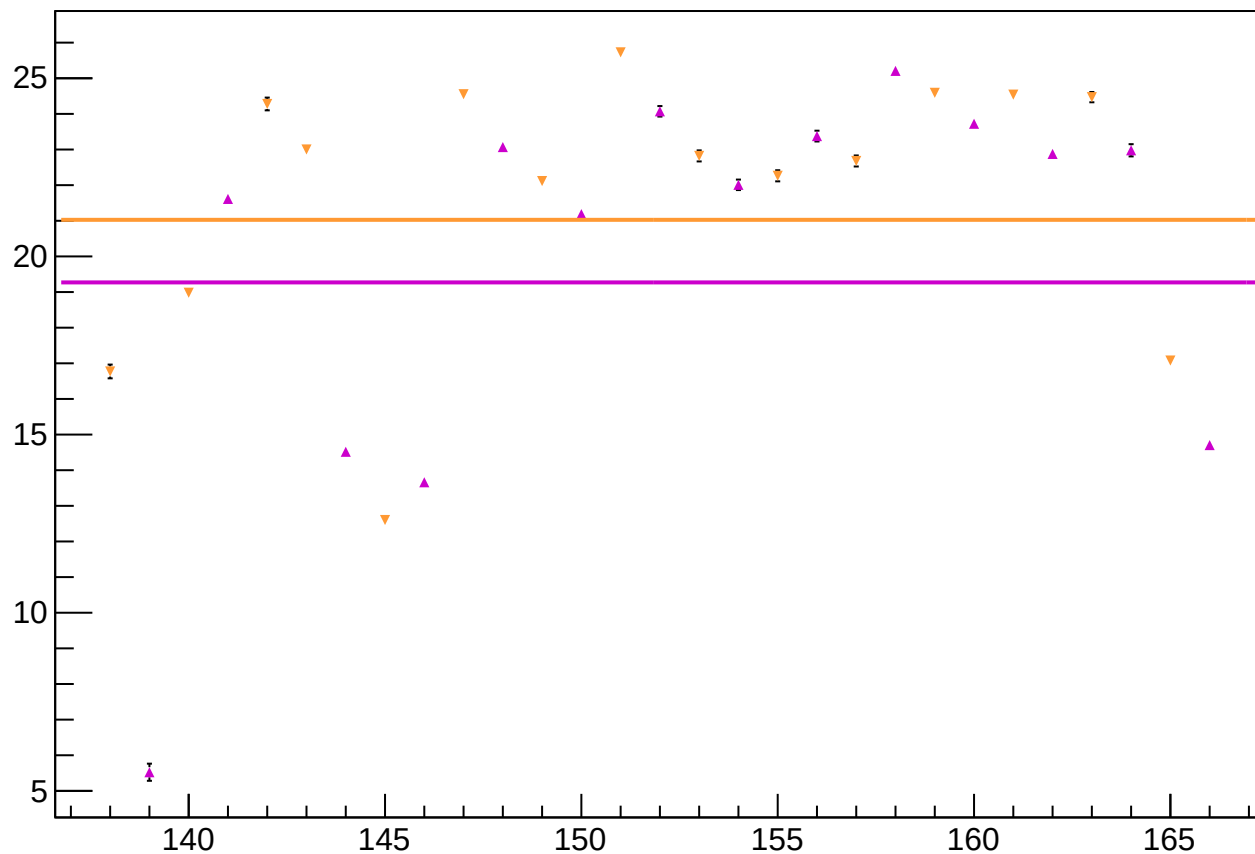
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.157 $\pm$ 0.040 χ^2 /NDF:3149.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13

Left: -6.238 $\pm$ 0.028 χ^2 /NDF: 8663.0/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13
 Out: -6.157 $\pm$ 0.040 χ^2 /NDF:3149.4/14
 All: -6.238 $\pm$ 0.028 χ^2 /NDF: 8663.0/28

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.027+/-0.034 χ^2/NDF :16009.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 19.270+/-0.033 χ^2/NDF :20607.4/13

Left: 20.123+/-0.024 χ^2/NDF : 38003.8/28

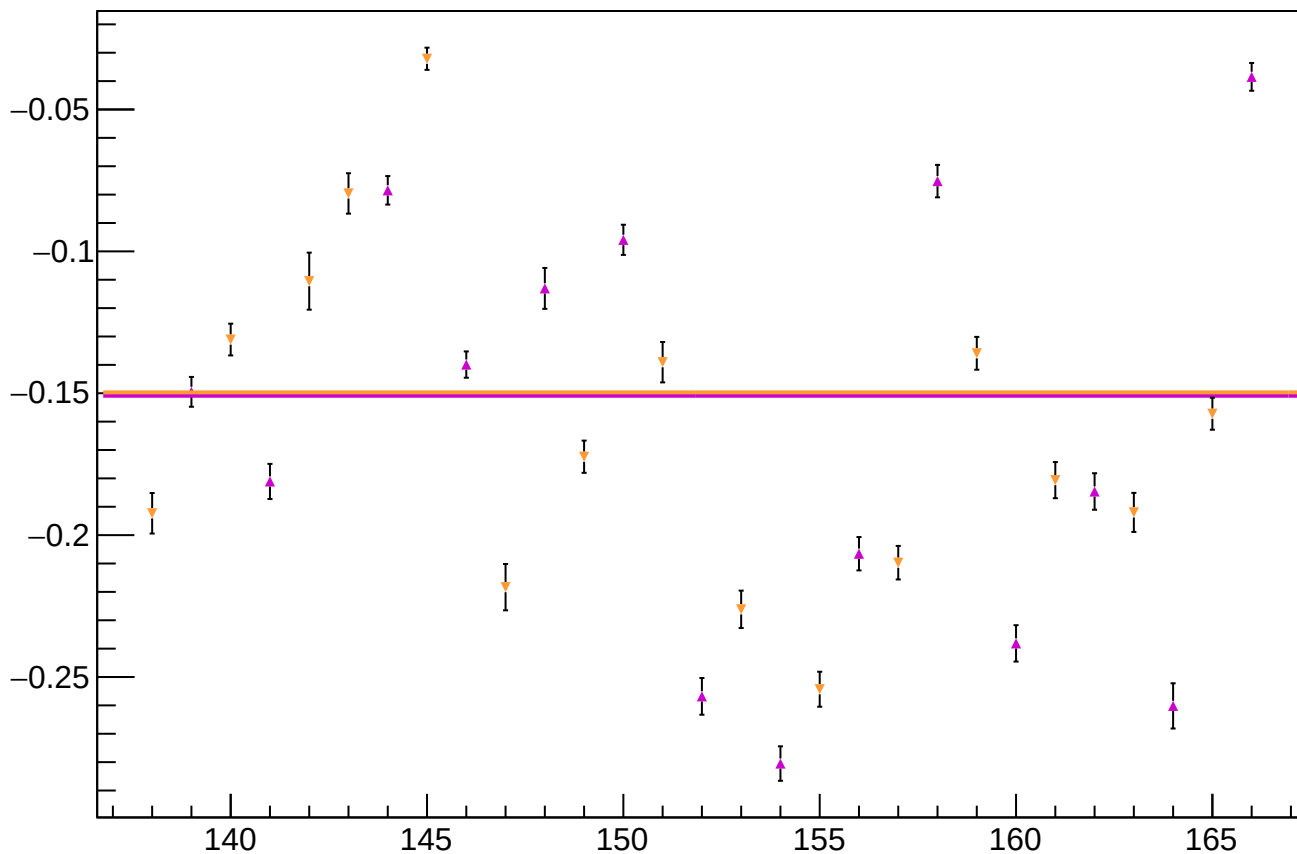
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.270+/-0.033 χ^2/NDF :20607.4/13

Out: 21.027+/-0.034 χ^2/NDF :16009.1/14

All: 20.123+/-0.024 χ^2/NDF : 38003.8/28

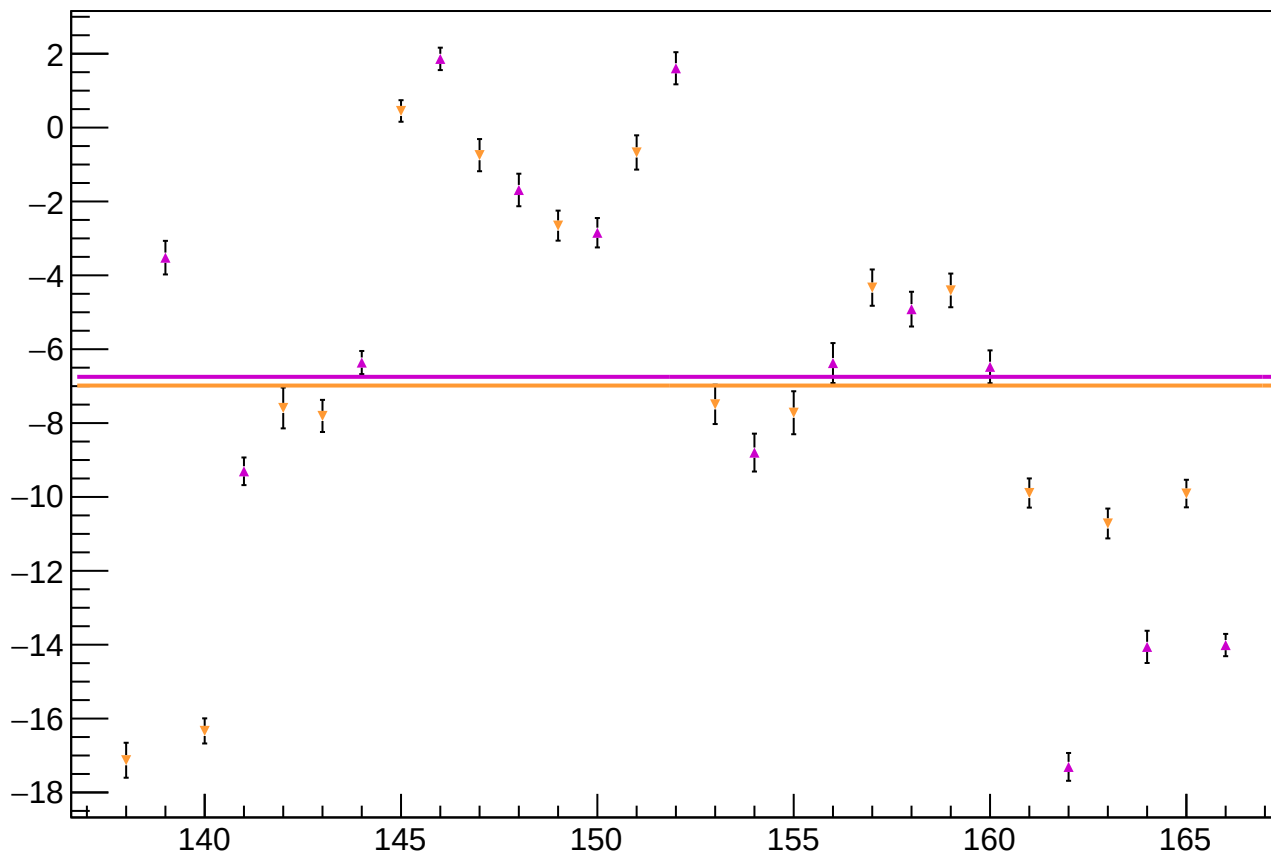
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.150+/-0.002 χ^2/NDF :1746.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.151+/-0.002 χ^2/NDF :2285.9/13

Left: -0.150+/-0.001 χ^2/NDF : 4032.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :2285.9/13
 Out: -0.150+/-0.002 χ^2/NDF :1746.7/14
 All: -0.150+/-0.001 χ^2/NDF : 4032.9/28

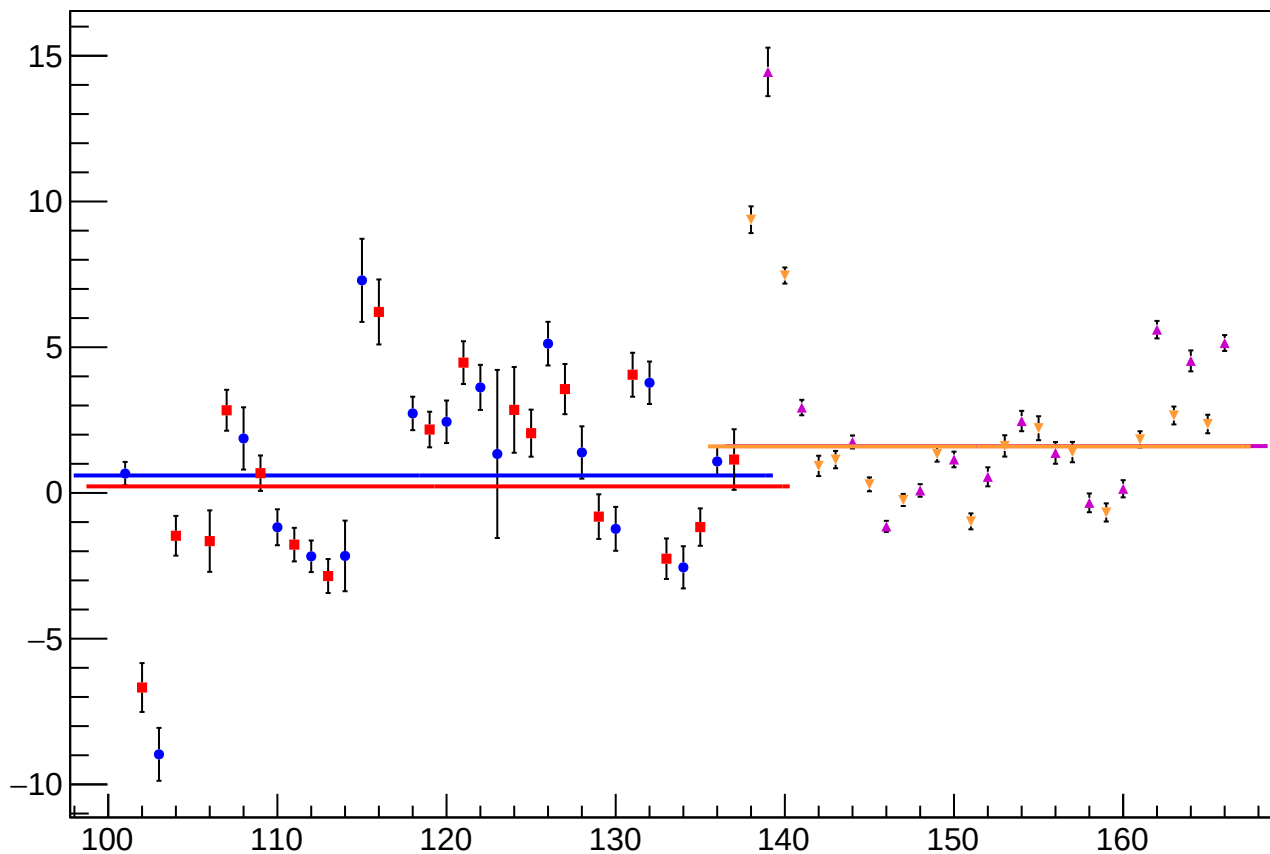
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -6.984 $\pm$ 0.109 χ^2/NDF :2636.3/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -6.748 $\pm$ 0.105 χ^2/NDF :3179.7/13

Left: -6.862 $\pm$ 0.076 χ^2/NDF : 5818.5/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -6.748 $\pm$ 0.105 χ^2/NDF :3179.7/13
 Out: -6.984 $\pm$ 0.109 χ^2/NDF :2636.3/14
 All: -6.862 $\pm$ 0.076 χ^2/NDF : 5818.5/28

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: 1.598 ± 0.076 χ^2/NDF : 1014.9/14

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.608 ± 0.075 χ^2/NDF : 1014.7/13

Left: 1.603 ± 0.054 χ^2/NDF : 2029.6/28

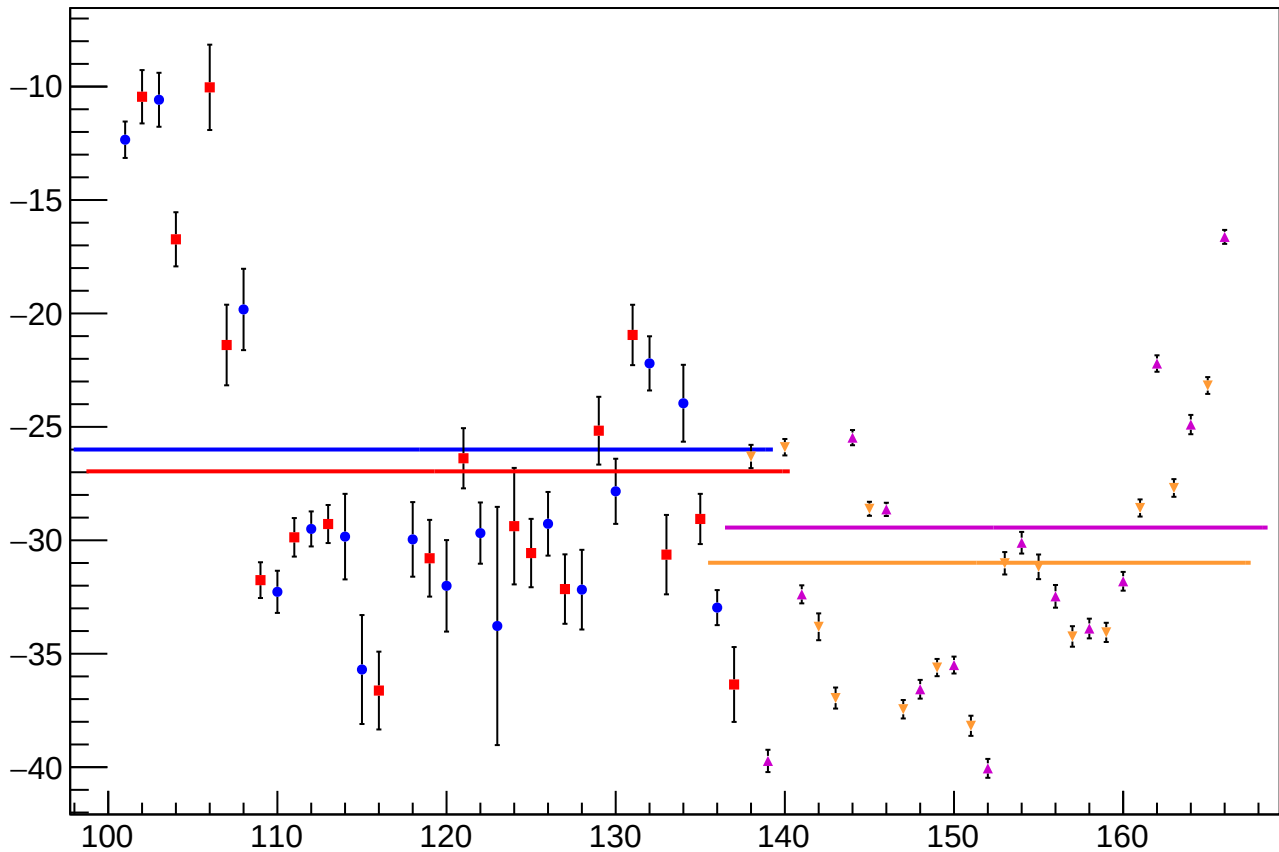
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.441 ± 0.069 χ^2/NDF : 1336.3/30

Out: 1.378 ± 0.070 χ^2/NDF : 1339.8/32

All: 1.410 ± 0.049 χ^2/NDF : 2676.6/63

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: -30.989 ± 0.108 χ^2/NDF : 1851.2/14

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -29.438 ± 0.104 χ^2/NDF : 4281.4/13

Left: -30.184 ± 0.075 χ^2/NDF : 6240.4/28

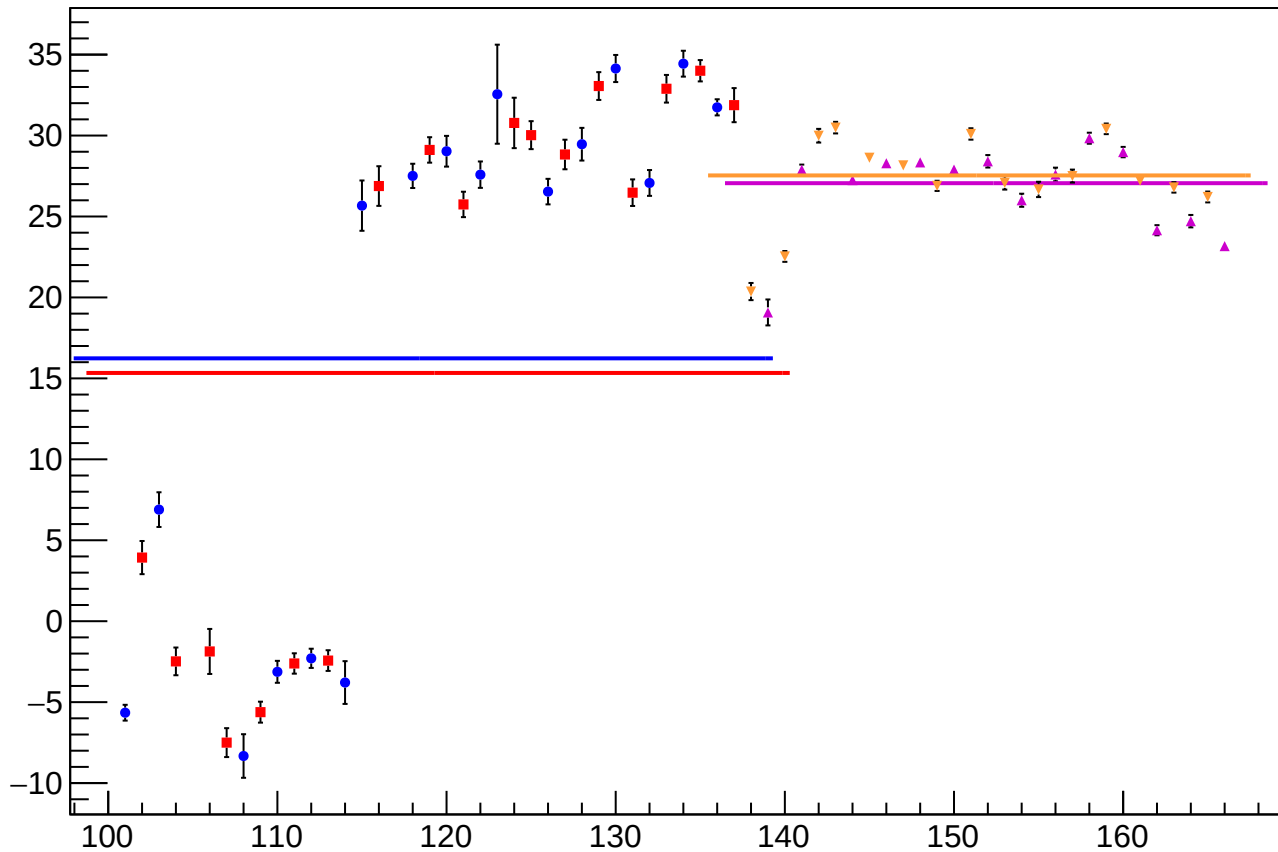
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.072 ± 0.098 χ^2/NDF : 5091.4/30

Out: -30.525 ± 0.101 χ^2/NDF : 2548.0/32

All: -29.774 ± 0.070 χ^2/NDF : 7745.8/63

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: 27.537 $\pm$ 0.089 χ^2 /NDF: 690.3/14

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.058 $\pm$ 0.088 χ^2 /NDF: 583.1/13

Left: 27.293 $\pm$ 0.063 χ^2 /NDF: 1288.0/28

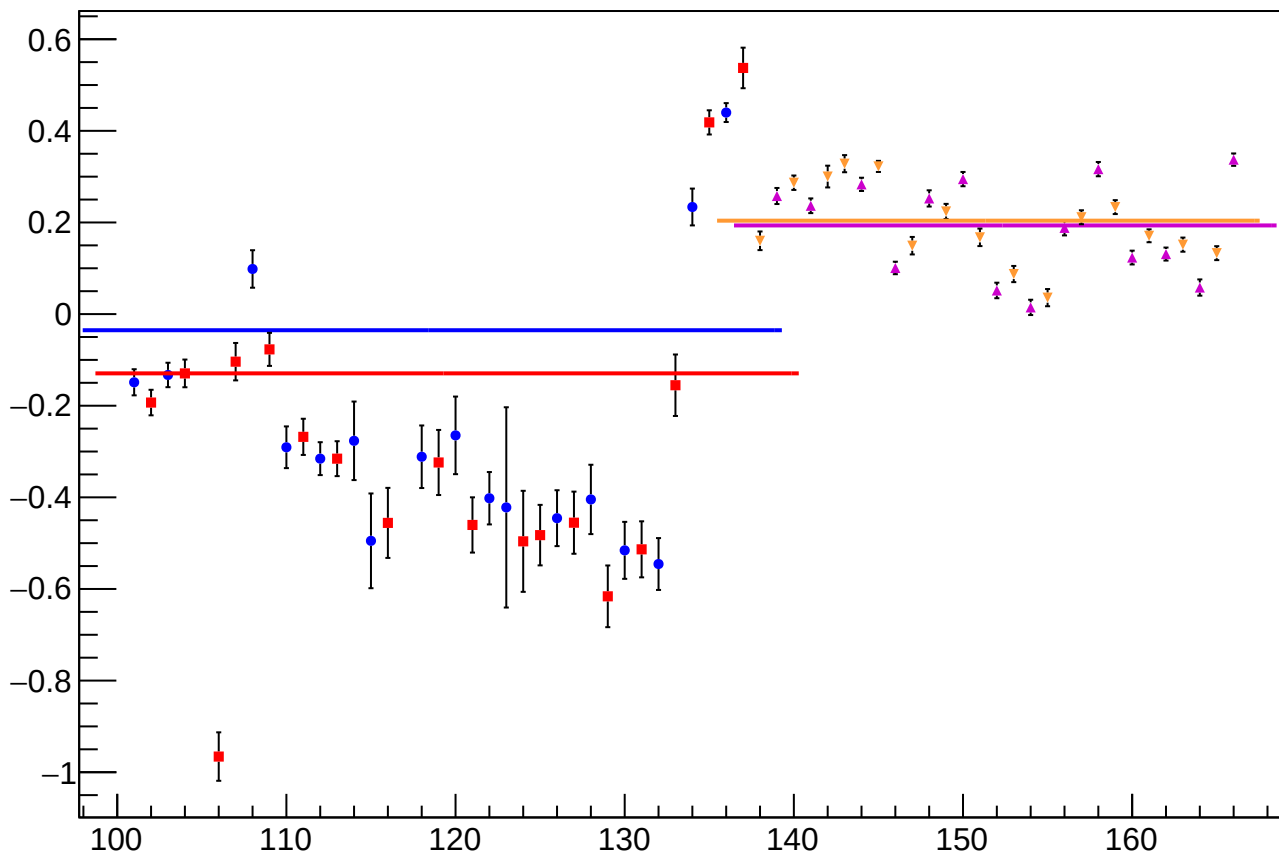
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.181 $\pm$ 0.080 χ^2 /NDF: 10805.2/30

Out: 25.458 $\pm$ 0.081 χ^2 /NDF: 11127.5/32

All: 25.316 $\pm$ 0.057 χ^2 /NDF: 21938.6/63

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: 0.204 ± 0.004 χ^2/NDF : 367.9/14

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.194 ± 0.004 χ^2/NDF : 617.0/13

Left: 0.199 ± 0.003 χ^2/NDF : 988.0/28

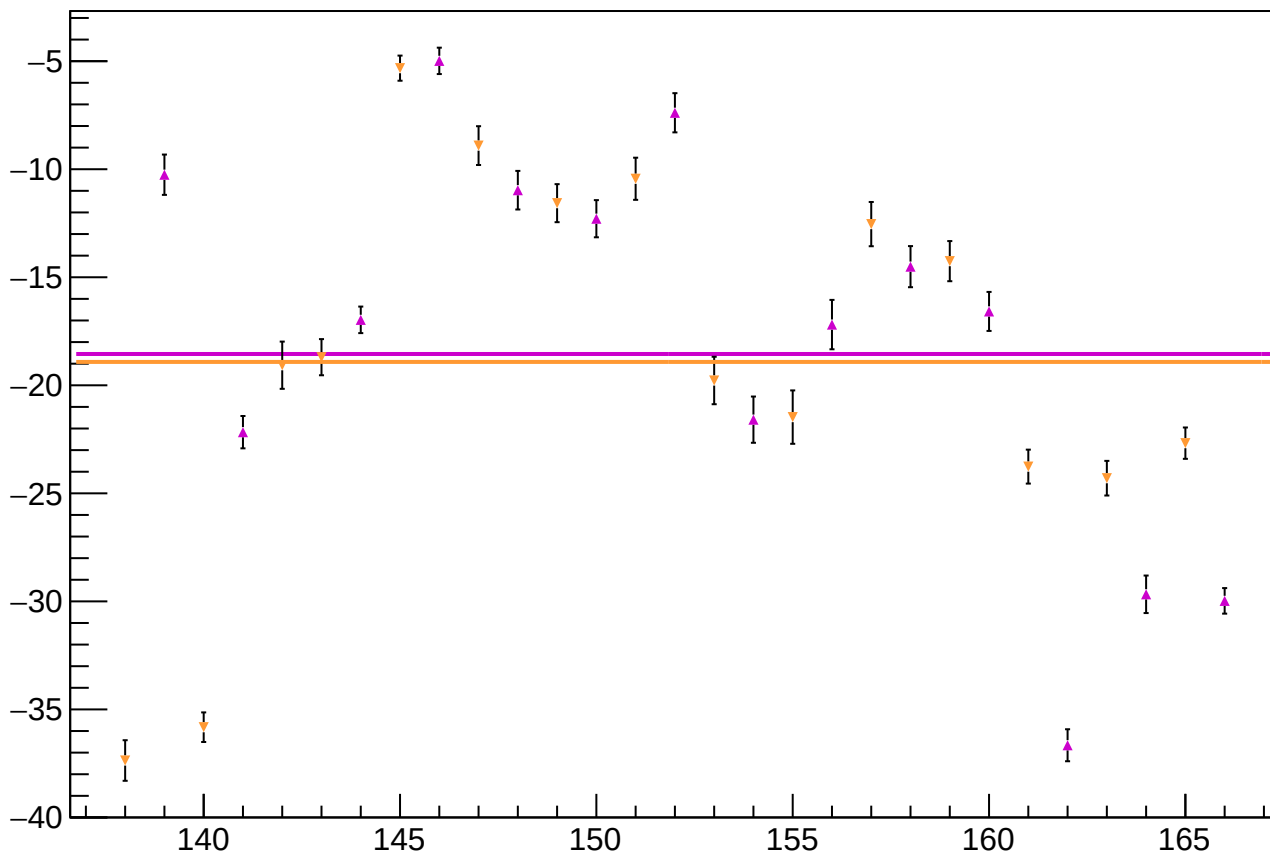
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.161 ± 0.004 χ^2/NDF : 2052.7/30

Out: 0.156 ± 0.004 χ^2/NDF : 2411.0/32

All: 0.159 ± 0.003 χ^2/NDF : 4464.6/63

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: -18.918+/-0.220 χ^2/NDF :1990.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Left: -18.729+/-0.153 χ^2/NDF : 4038.4/28

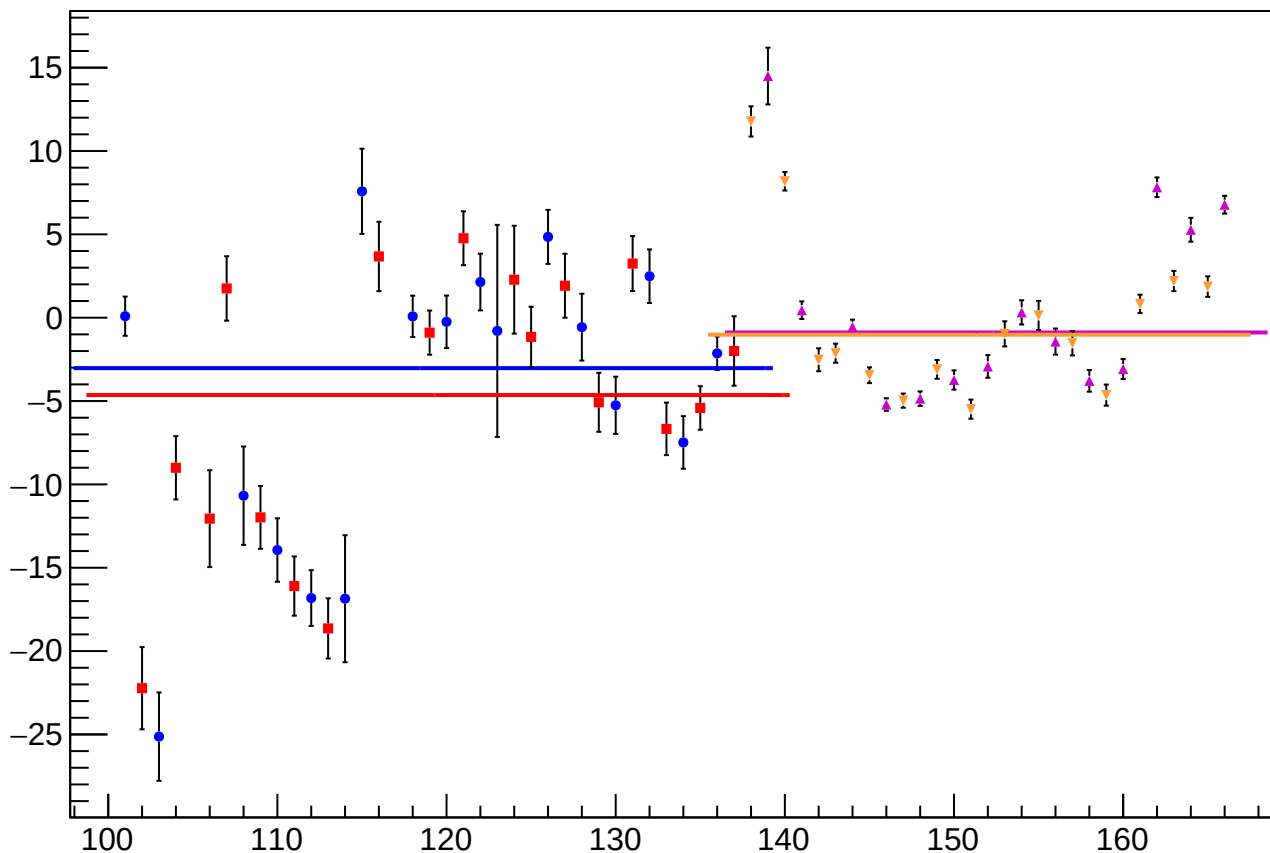
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Out: -18.918+/-0.220 χ^2/NDF :1990.2/14

All: -18.729+/-0.153 χ^2/NDF : 4038.4/28

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.020 ± 0.155 $\chi^2/\text{NDF}: 765.7/14$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: -0.886 ± 0.152 $\chi^2/\text{NDF}: 871.0/13$

Left: -0.952 ± 0.108 $\chi^2/\text{NDF}: 1637.1/28$

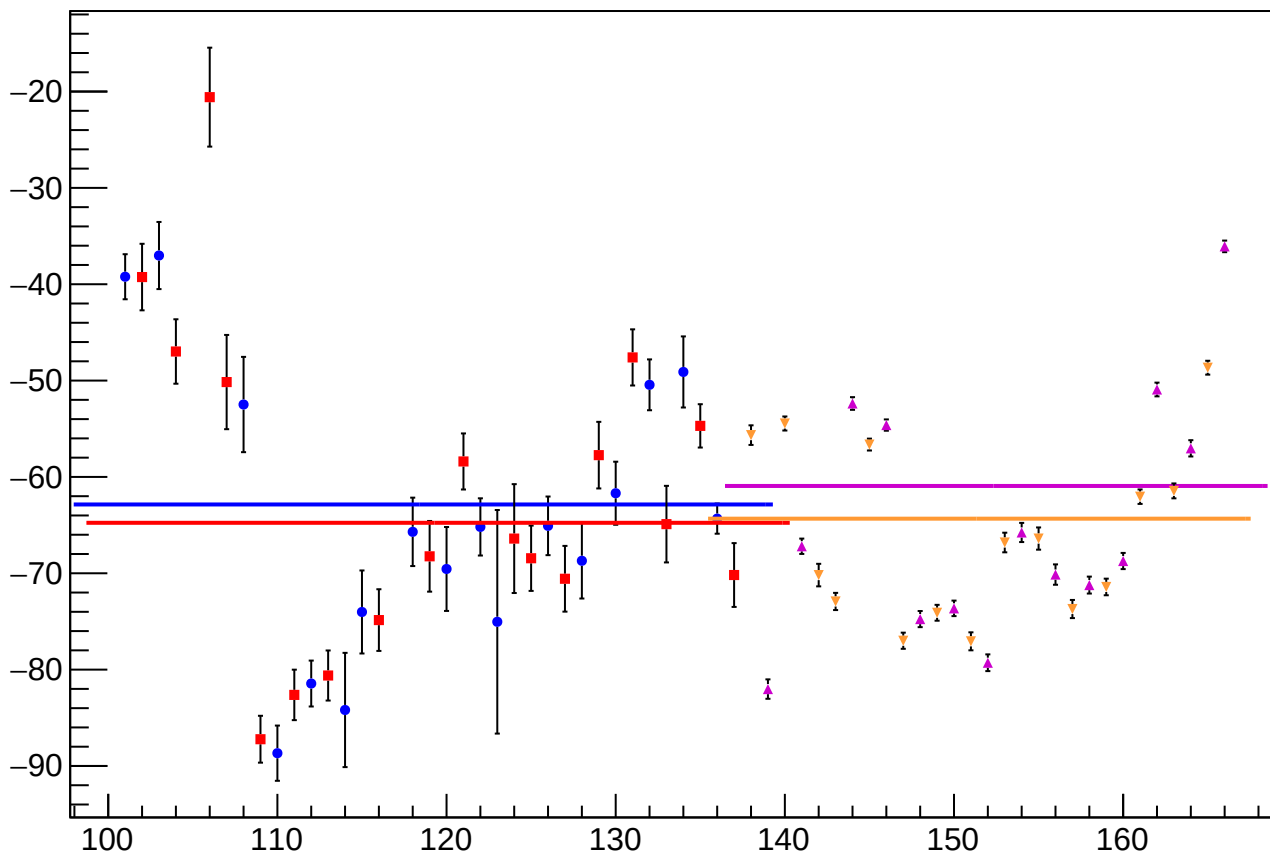
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -1.145 ± 0.142 $\chi^2/\text{NDF}: 1175.8/30$

Out: -1.440 ± 0.145 $\chi^2/\text{NDF}: 1124.3/32$

All: -1.289 ± 0.102 $\chi^2/\text{NDF}: 2302.1/63$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -64.332 ± 0.218 χ^2/NDF : 1756.0/14

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -60.937 ± 0.209 χ^2/NDF : 3998.0/13

Left: -62.567 ± 0.151 χ^2/NDF : 5880.2/28

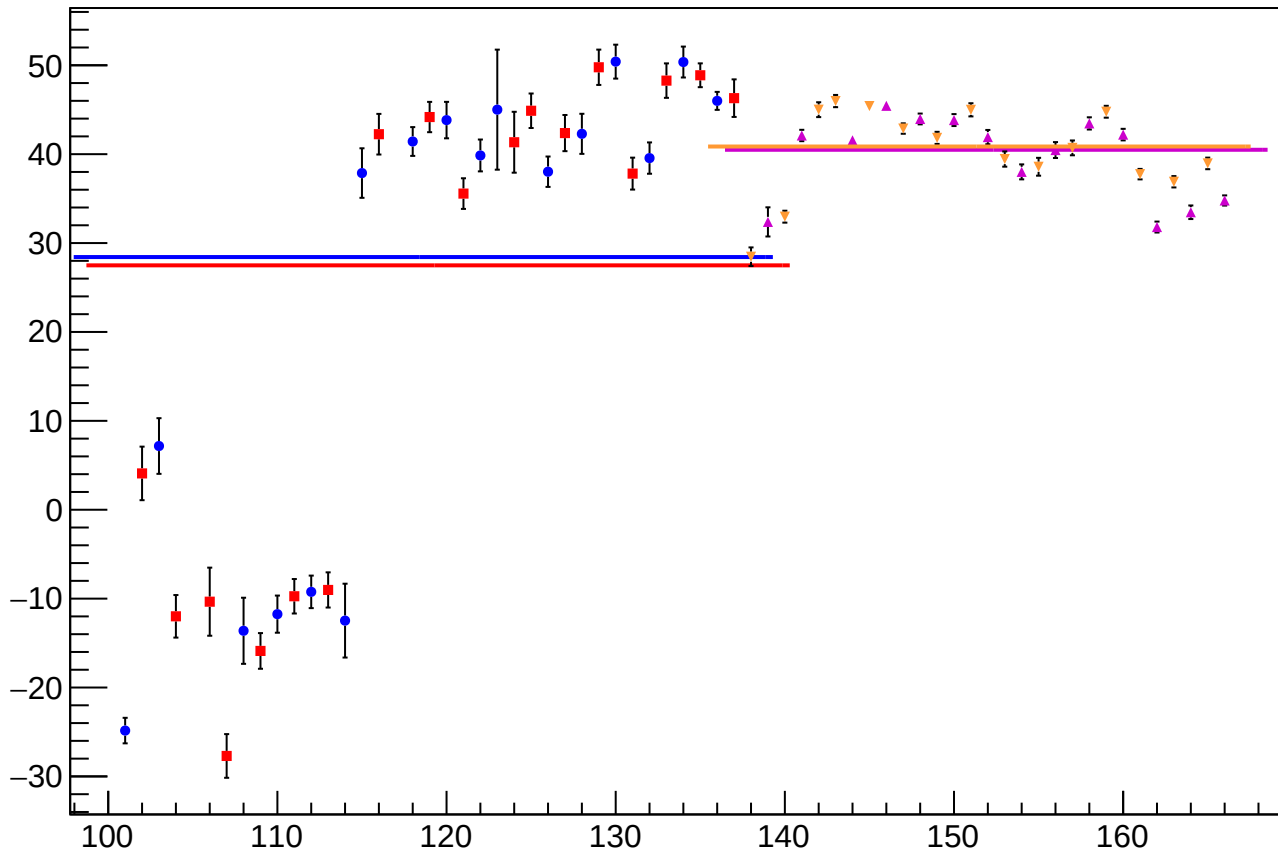
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -61.080 ± 0.201 χ^2/NDF : 4371.9/30

Out: -64.365 ± 0.209 χ^2/NDF : 2172.4/32

All: -62.660 ± 0.145 χ^2/NDF : 6672.3/63

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: 40.861 $\pm$ 0.181 χ^2 /NDF: 589.5/14

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.494 $\pm$ 0.177 χ^2 /NDF: 621.4/13

Left: 40.674 $\pm$ 0.126 χ^2 /NDF: 1213.0/28

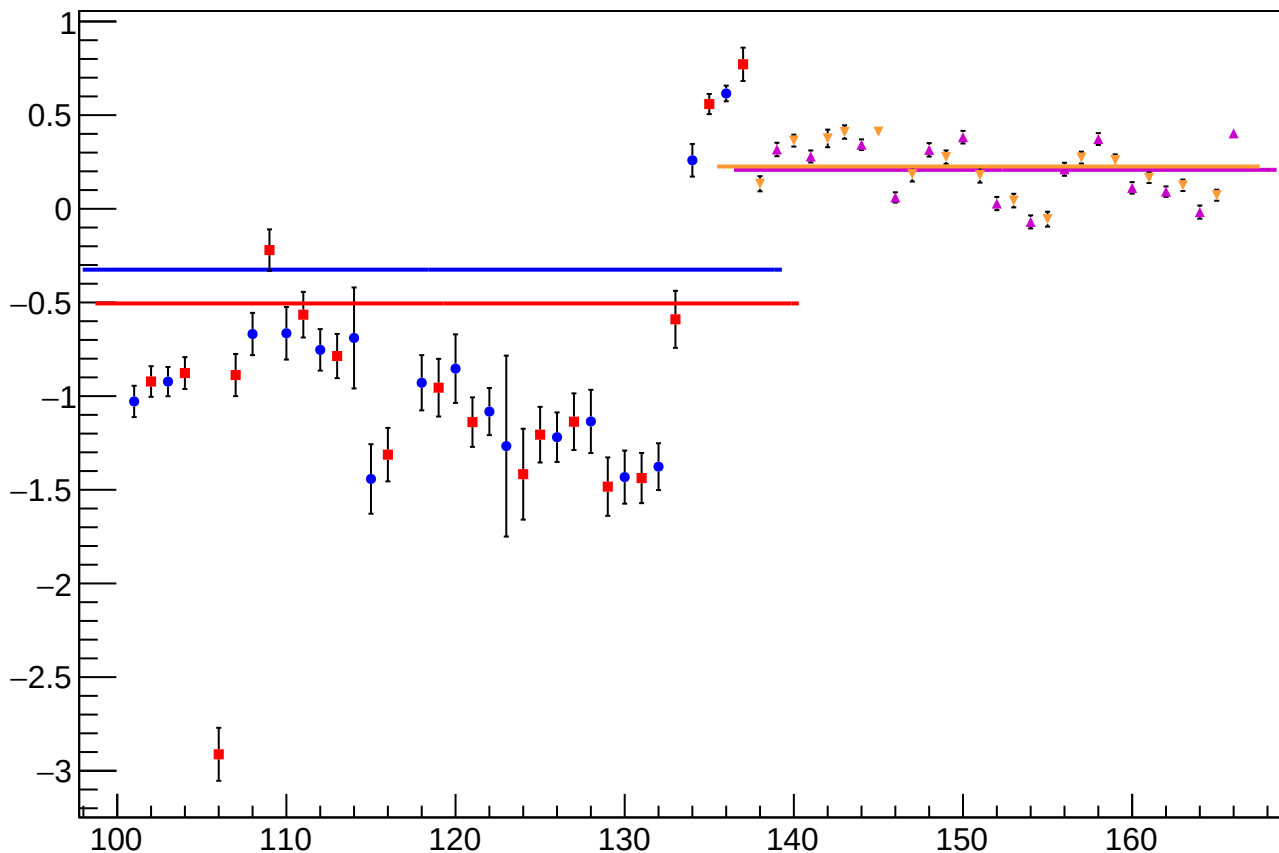
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.927 $\pm$ 0.165 χ^2 /NDF: 4548.5/30

Out: 39.194 $\pm$ 0.169 χ^2 /NDF: 4299.8/32

All: 39.057 $\pm$ 0.118 χ^2 /NDF: 8849.5/63

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: 0.226 ± 0.009 χ^2/NDF : 244.0/14

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.208 ± 0.008 χ^2/NDF : 339.3/13

Left: 0.217 ± 0.006 χ^2/NDF : 585.6/28

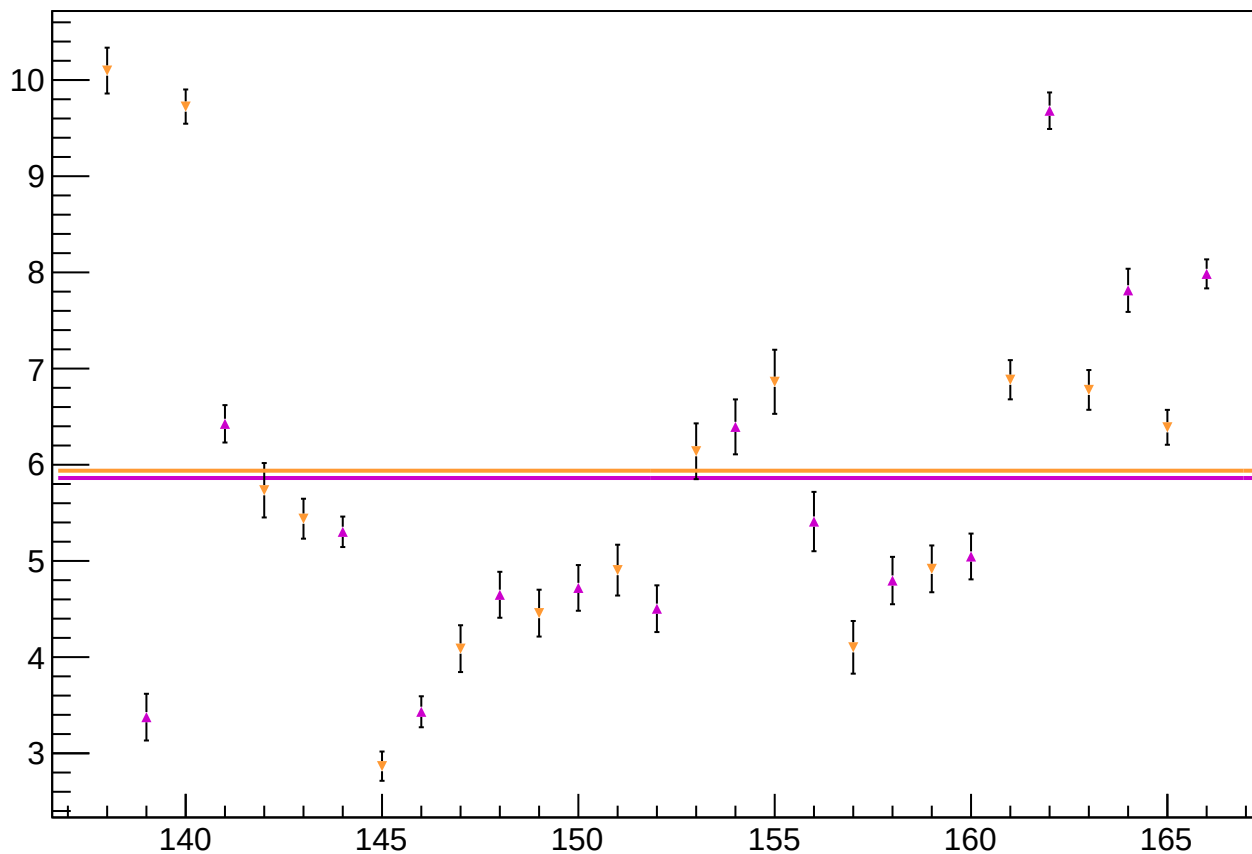
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.153 ± 0.008 χ^2/NDF : 1761.1/30

Out: 0.152 ± 0.008 χ^2/NDF : 2131.6/32

All: 0.153 ± 0.006 χ^2/NDF : 3892.7/63

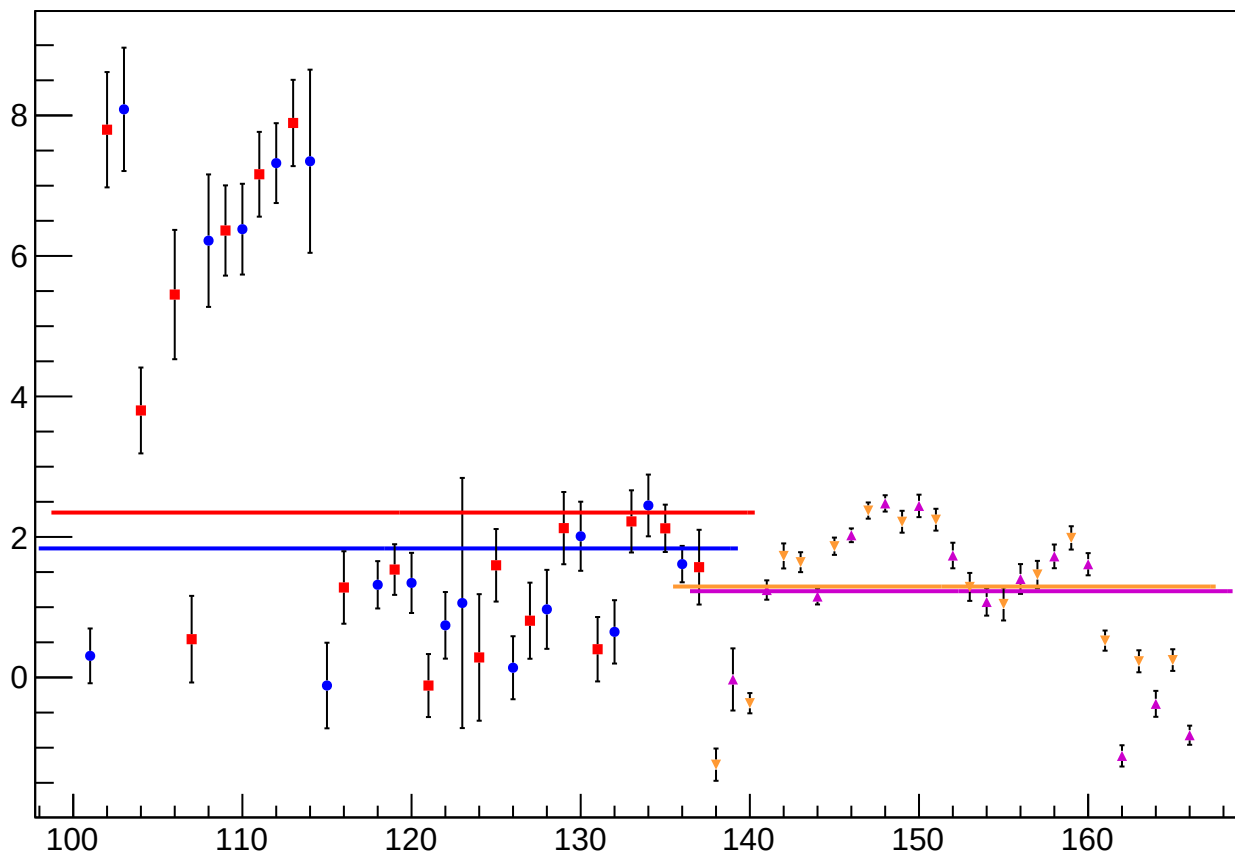
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.938+/-0.057 χ^2/NDF :1395.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.862+/-0.056 χ^2/NDF :1147.5/13

Left: 5.899+/-0.040 χ^2/NDF : 2544.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.862+/-0.056 χ^2/NDF :1147.5/13
 Out: 5.938+/-0.057 χ^2/NDF :1395.8/14
 All: 5.899+/-0.040 χ^2/NDF : 2544.2/28

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: 1.294 ± 0.040 χ^2/NDF : 589.1/14

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.228 ± 0.040 χ^2/NDF : 813.7/13

Left: 1.260 ± 0.028 χ^2/NDF : 1404.2/28

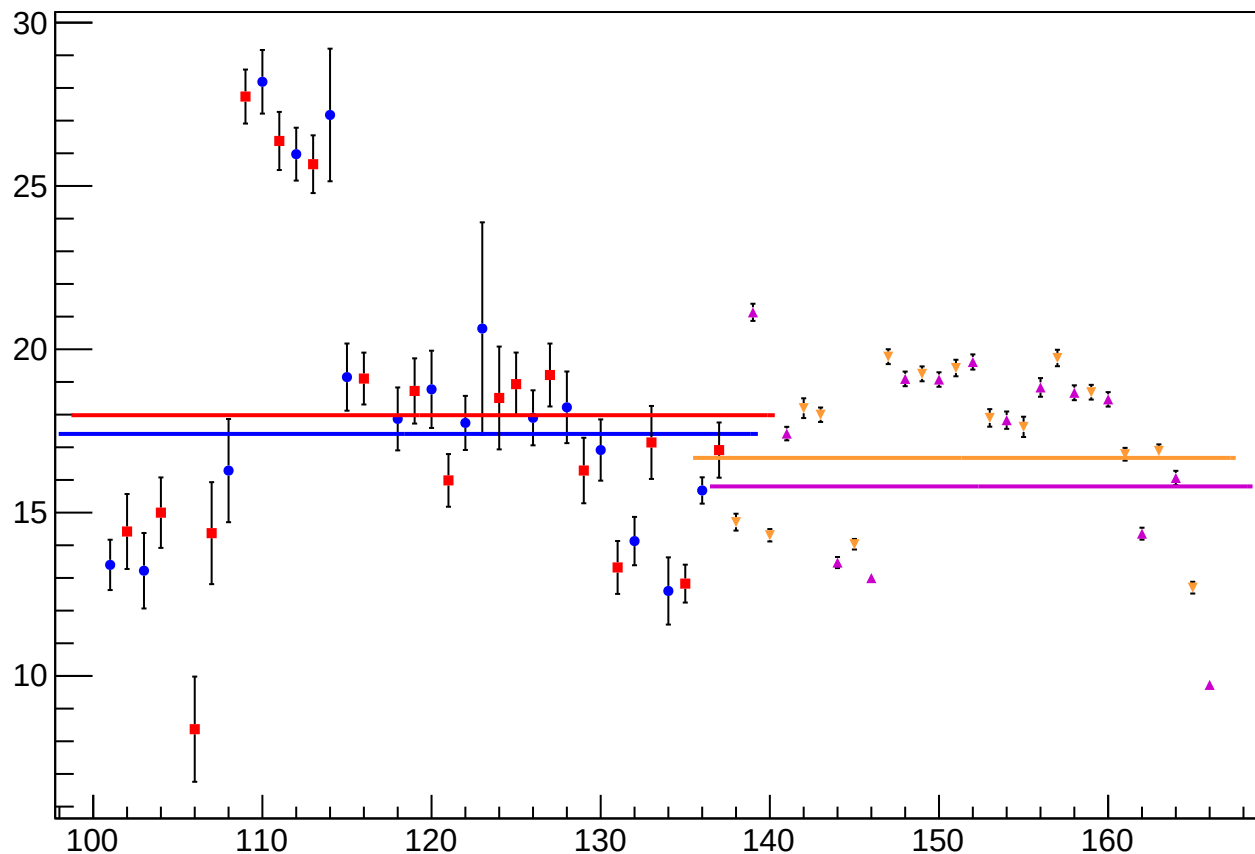
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.291 ± 0.038 χ^2/NDF : 1132.4/30

Out: 1.398 ± 0.038 χ^2/NDF : 985.5/32

All: 1.343 ± 0.027 χ^2/NDF : 2121.8/63

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.675 $\pm$ 0.057 χ^2 /NDF: 1718.2/14

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.802 $\pm$ 0.055 χ^2 /NDF: 3794.9/13

Left: 16.222 $\pm$ 0.040 χ^2 /NDF: 5635.1/28

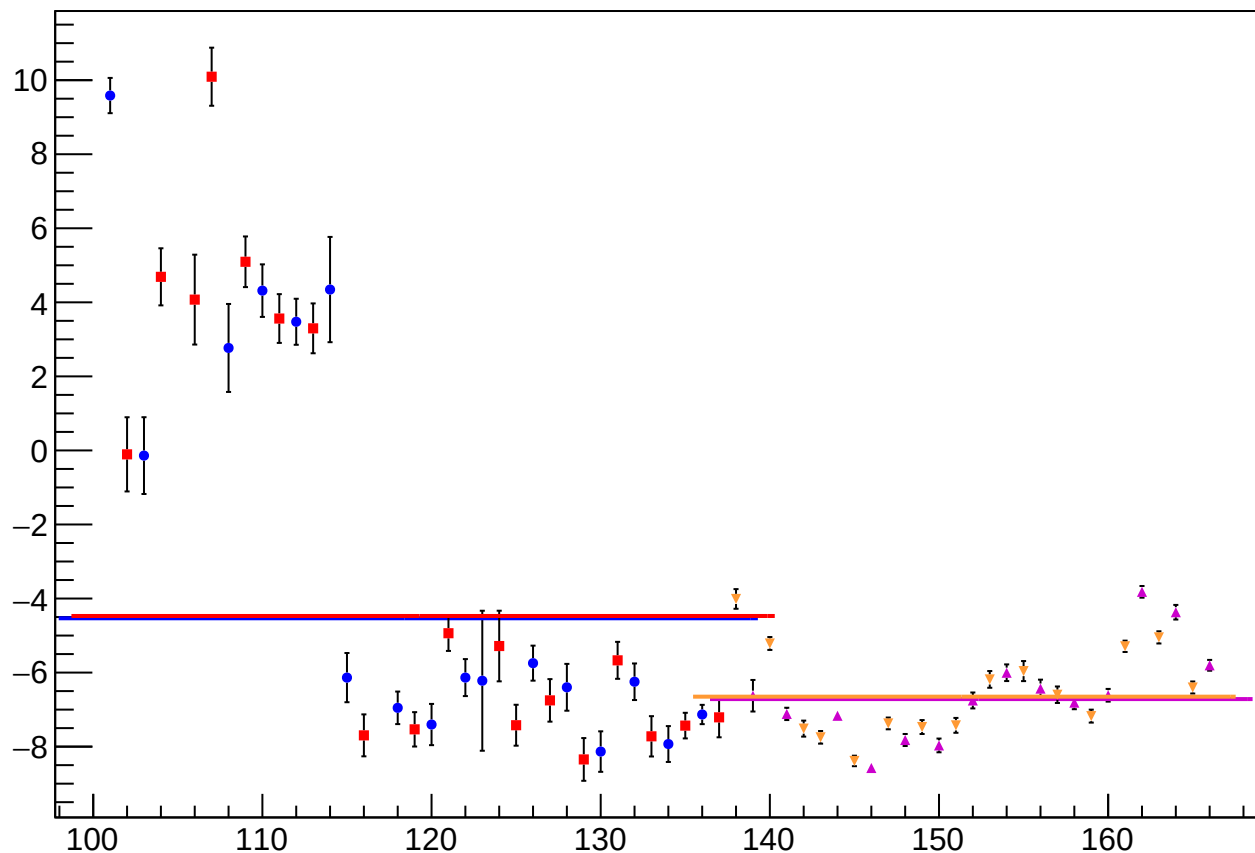
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.903 $\pm$ 0.053 χ^2 /NDF: 4213.9/30

Out: 16.758 $\pm$ 0.055 χ^2 /NDF: 2242.2/32

All: 16.314 $\pm$ 0.038 χ^2 /NDF: 6580.8/63

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -6.650 ± 0.047 $\chi^2/\text{NDF}: 623.0/14$

Right Out: -4.471 ± 0.137 $\chi^2/\text{NDF}: 1339.3/17$

Left In: -6.716 ± 0.046 $\chi^2/\text{NDF}: 863.1/13$

Left: -6.684 ± 0.033 $\chi^2/\text{NDF}: 1487.0/28$

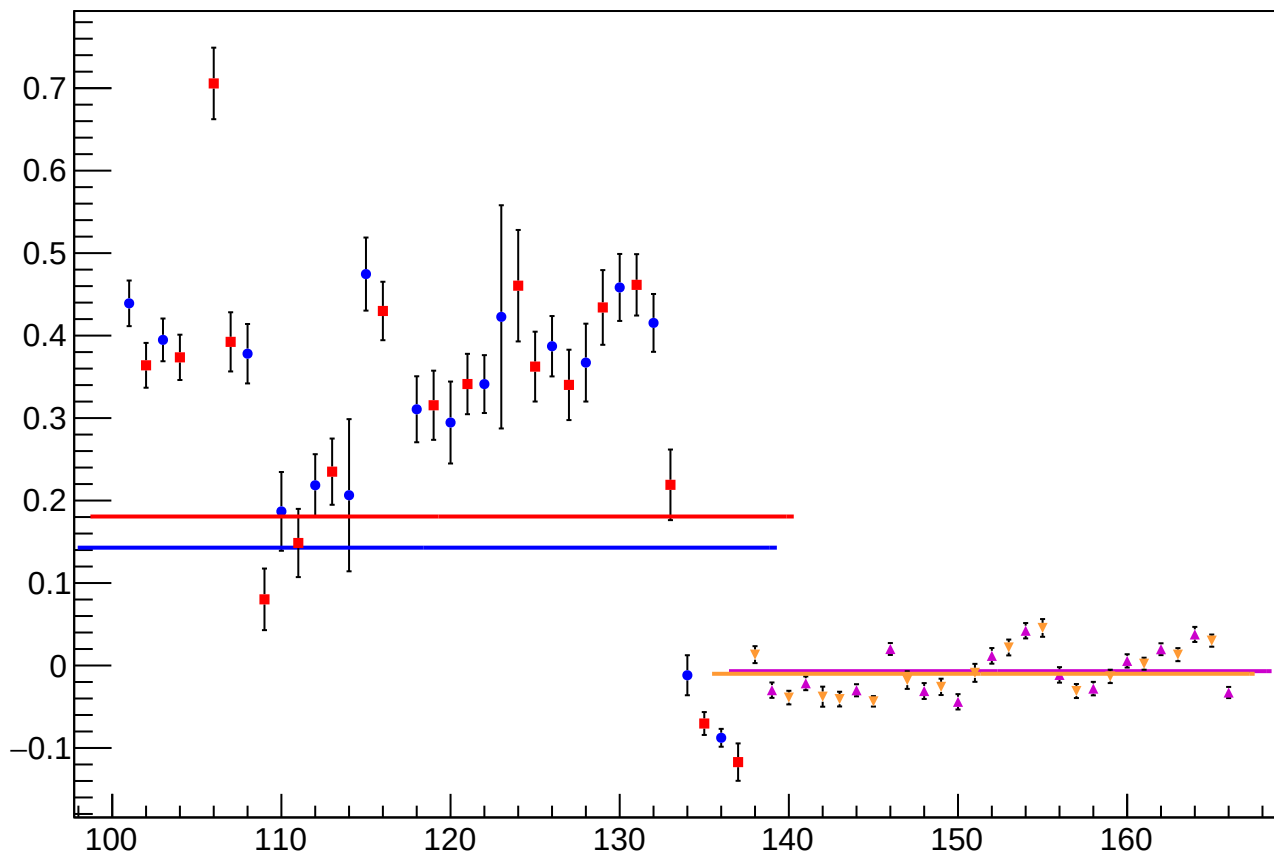
Right: -4.504 ± 0.094 $\chi^2/\text{NDF}: 2927.8/34$

In: -6.469 ± 0.044 $\chi^2/\text{NDF}: 2702.7/30$

Out: -6.418 ± 0.045 $\chi^2/\text{NDF}: 2188.7/32$

All: -6.444 ± 0.031 $\chi^2/\text{NDF}: 4892.1/63$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.010 ± 0.002 $\chi^2/\text{NDF}: 150.1/14$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 148.2/13$

Left: -0.008 ± 0.002 $\chi^2/\text{NDF}: 299.3/28$

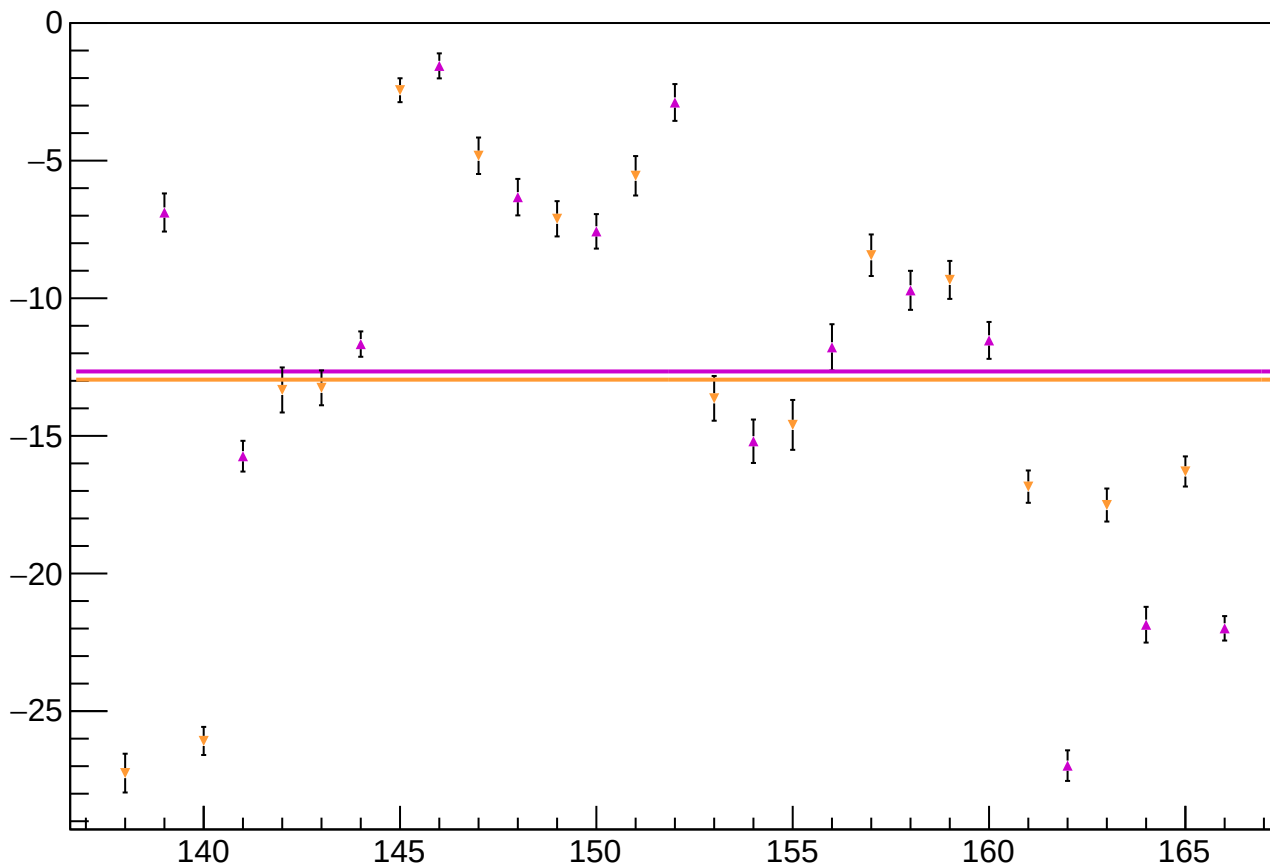
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.007 ± 0.002 $\chi^2/\text{NDF}: 1617.1/30$

Out: 0.006 ± 0.002 $\chi^2/\text{NDF}: 1761.1/32$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3378.2/63$

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: -12.957+/-0.164 χ^2/NDF :2206.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.659+/-0.158 χ^2/NDF :2409.2/13

Left: -12.804+/-0.114 χ^2/NDF : 4617.3/28

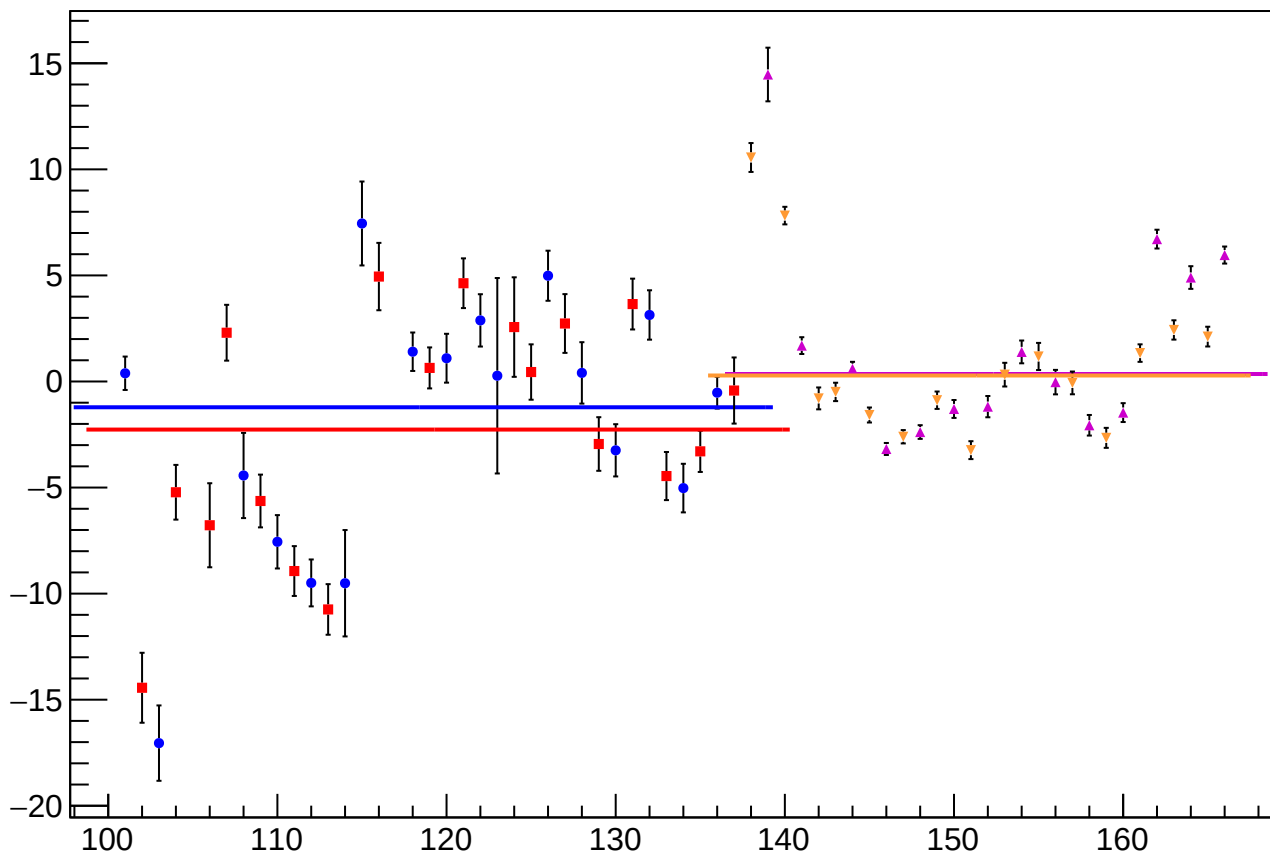
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.659+/-0.158 χ^2/NDF :2409.2/13

Out: -12.957+/-0.164 χ^2/NDF :2206.3/14

All: -12.804+/-0.114 χ^2/NDF : 4617.3/28

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 0.282 $\pm$ 0.115 χ^2 /NDF:841.8/14

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 0.353 $\pm$ 0.113 χ^2 /NDF:908.5/13

Left: 0.318 $\pm$ 0.081 χ^2 /NDF: 1750.5/28

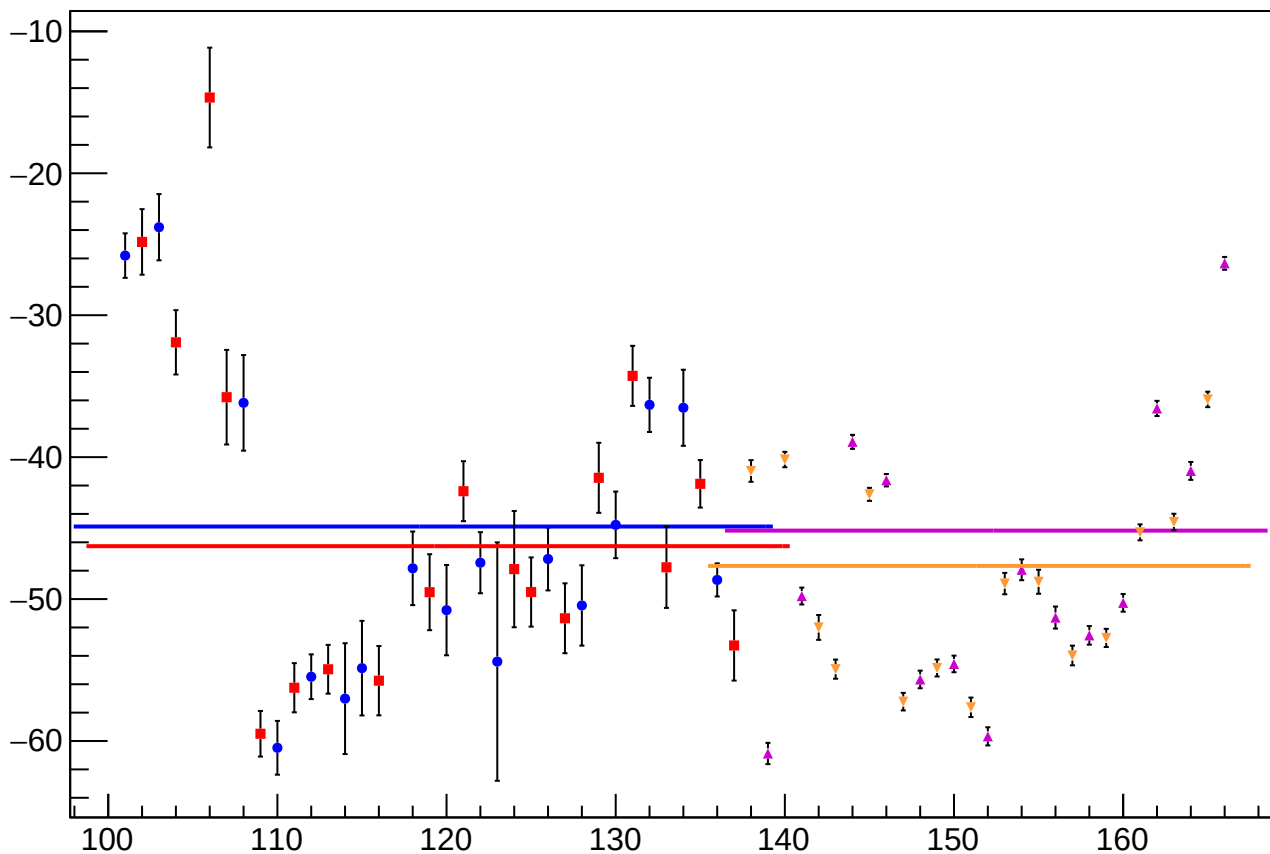
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 0.147 $\pm$ 0.105 χ^2 /NDF:1212.5/30

Out: -0.039 $\pm$ 0.107 χ^2 /NDF:1187.8/32

All: 0.056 $\pm$ 0.075 χ^2 /NDF: 2401.8/63

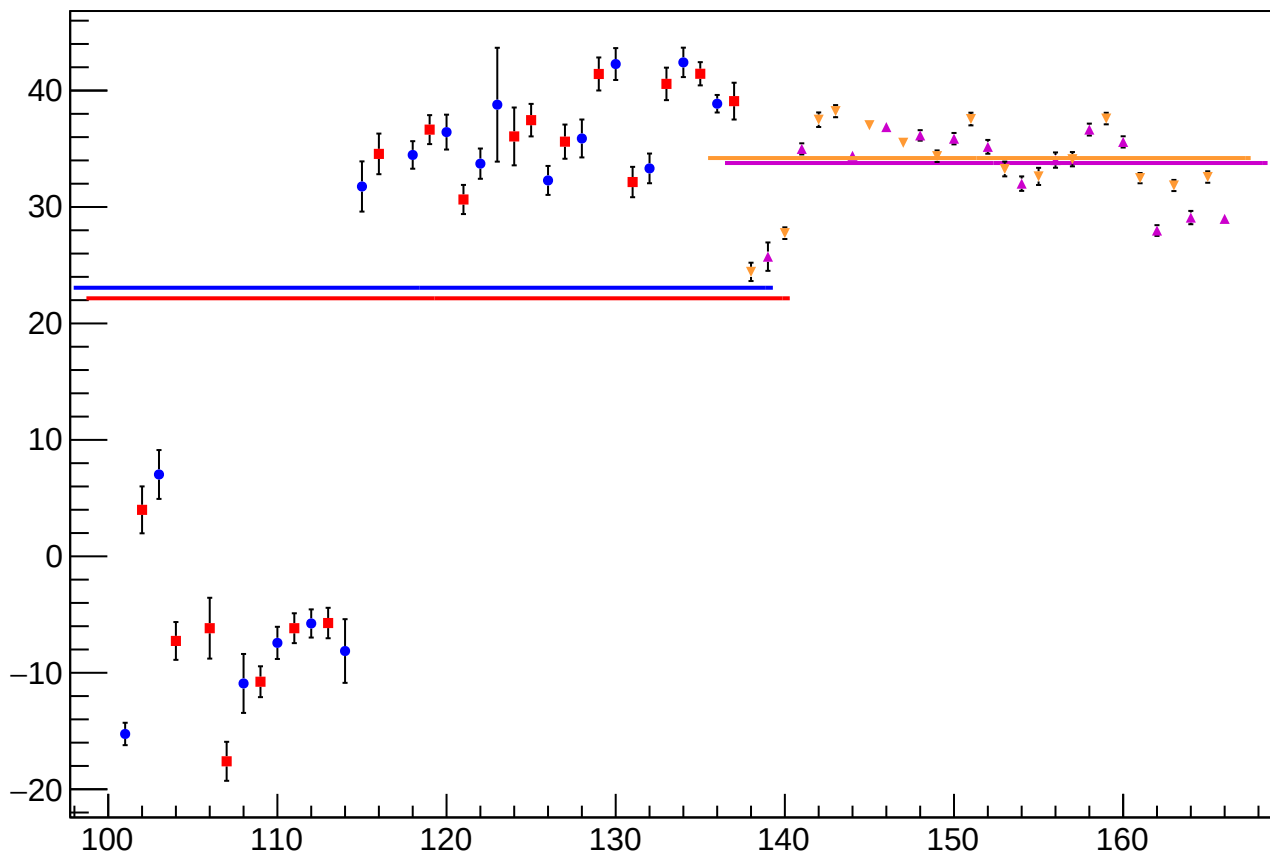
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -47.663 ± 0.162 χ^2/NDF : 1782.0/14
 Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17
 Left In: -45.176 ± 0.156 χ^2/NDF : 4084.4/13

Left: -46.370 ± 0.112 χ^2/NDF : 5988.7/28
 Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34
 In: -45.153 ± 0.149 χ^2/NDF : 4505.1/30
 Out: -47.544 ± 0.155 χ^2/NDF : 2208.9/32
 All: -46.303 ± 0.108 χ^2/NDF : 6837.4/63

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.204 $\pm$ 0.134 χ^2 /NDF:606.3/14

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.776 $\pm$ 0.132 χ^2 /NDF:582.2/13

Left: 33.986 $\pm$ 0.094 χ^2 /NDF: 1193.7/28

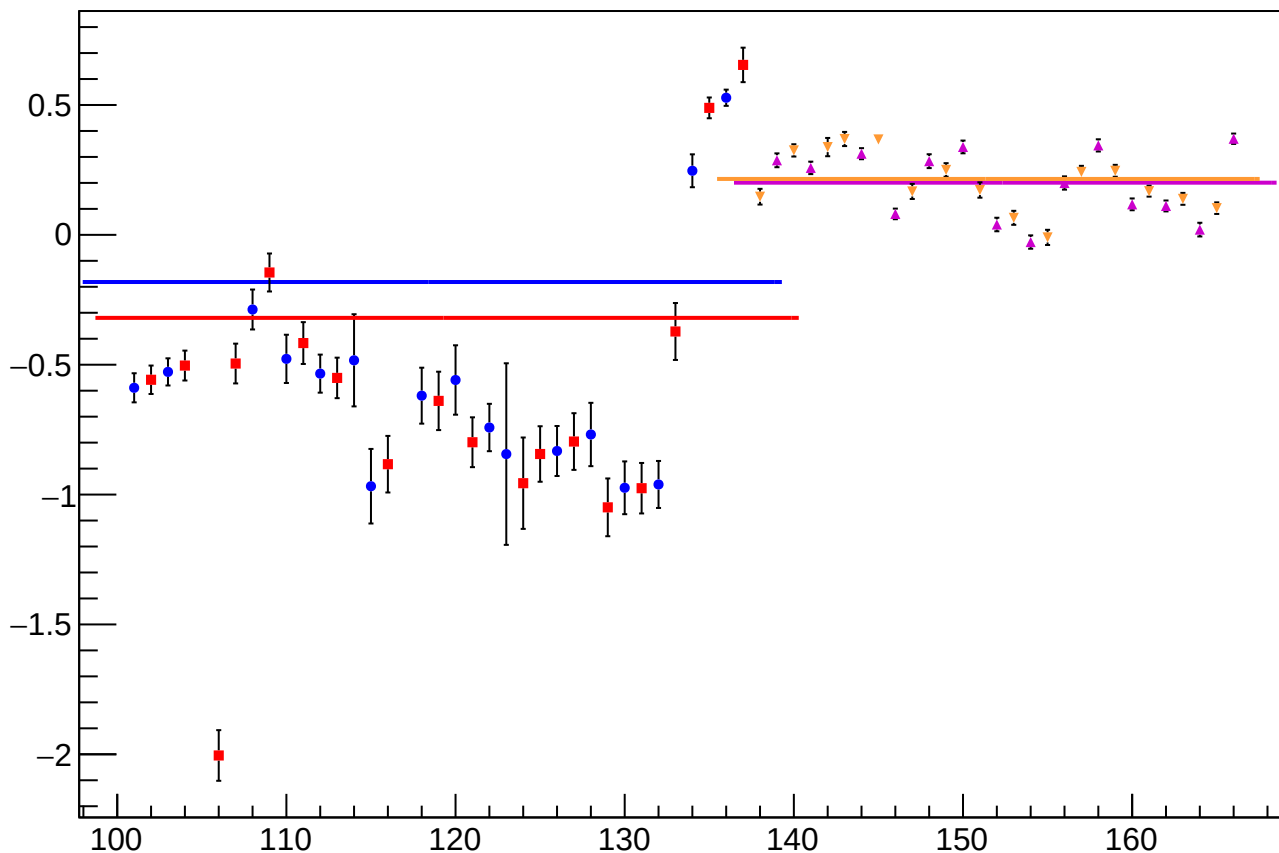
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.278 $\pm$ 0.122 χ^2 /NDF:5841.0/30

Out: 32.574 $\pm$ 0.125 χ^2 /NDF:5717.0/32

All: 32.422 $\pm$ 0.087 χ^2 /NDF: 11560.8/63

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: 0.215 ± 0.006 χ^2/NDF : 283.0/14

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.201 ± 0.006 χ^2/NDF : 424.1/13

Left: 0.208 ± 0.004 χ^2/NDF : 709.7/28

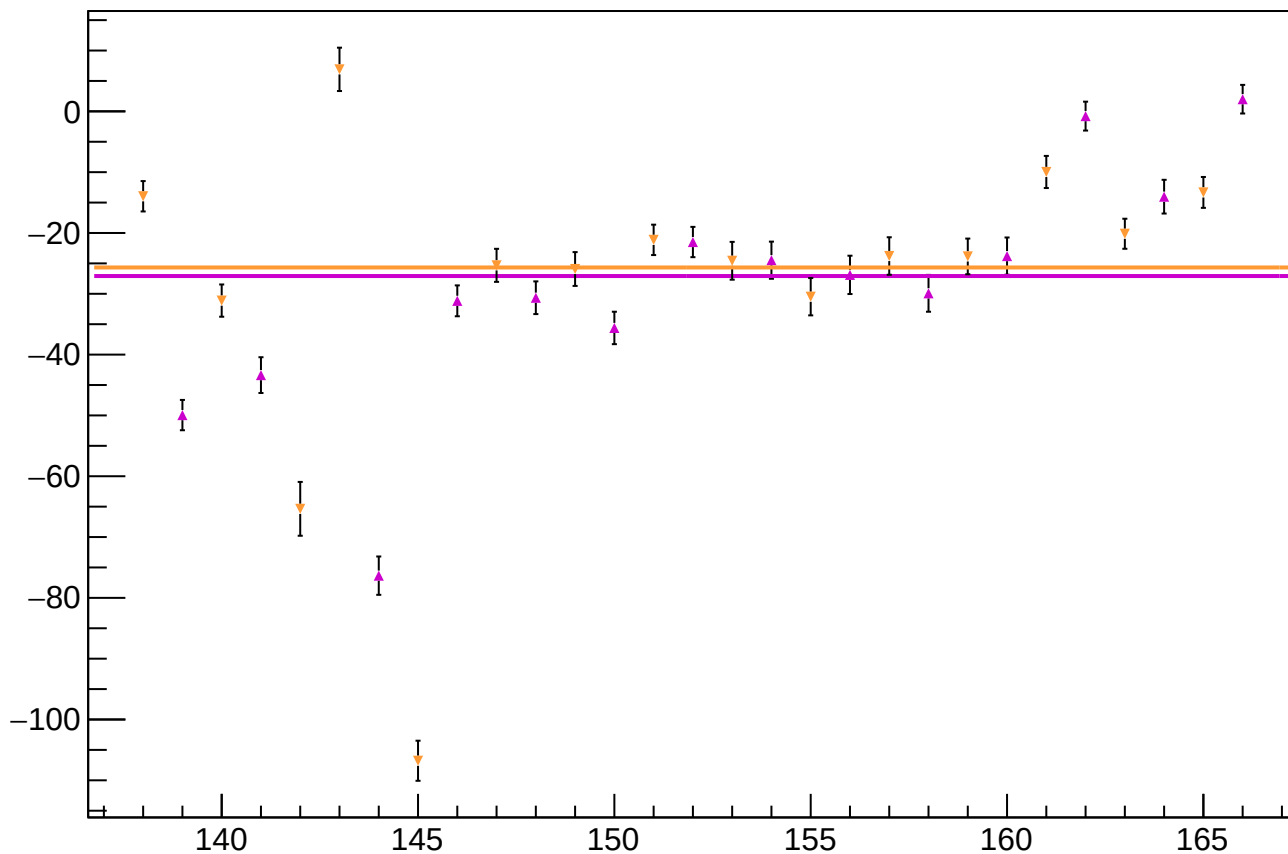
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.158 ± 0.006 χ^2/NDF : 1833.8/30

Out: 0.156 ± 0.006 χ^2/NDF : 2228.0/32

All: 0.157 ± 0.004 χ^2/NDF : 4061.8/63

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -25.671 $\pm$ 0.737 χ^2/NDF :866.2/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -27.080 $\pm$ 0.729 χ^2/NDF :678.8/13

Left: -26.383 $\pm$ 0.518 χ^2/NDF : 1546.8/28

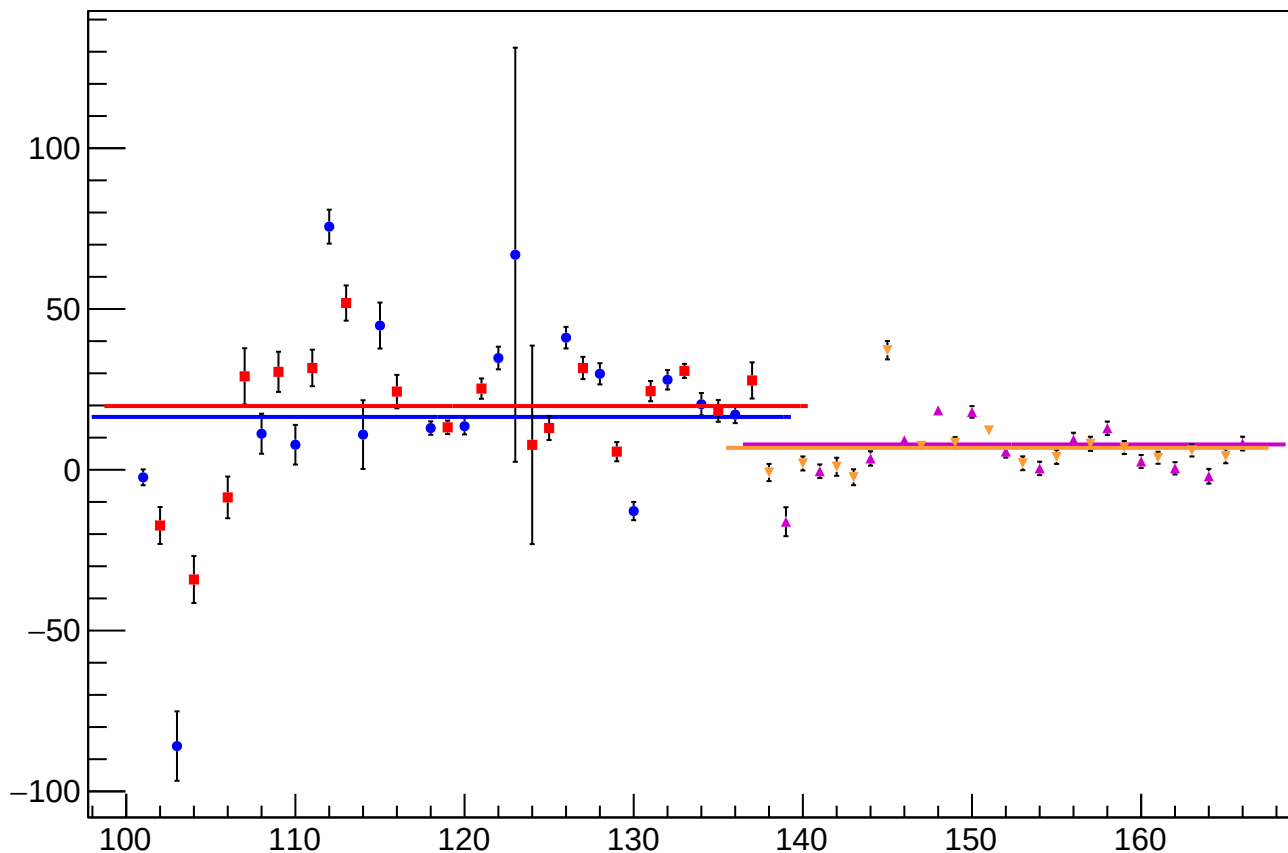
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -27.080 $\pm$ 0.729 χ^2/NDF :678.8/13

Out: -25.671 $\pm$ 0.737 χ^2/NDF :866.2/14

All: -26.383 $\pm$ 0.518 χ^2/NDF : 1546.8/28

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.812 $\pm$ 0.511 χ^2 /NDF: 171.1/14

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 7.879 $\pm$ 0.520 χ^2 /NDF: 206.6/13

Left: 7.335 $\pm$ 0.365 χ^2 /NDF: 379.8/28

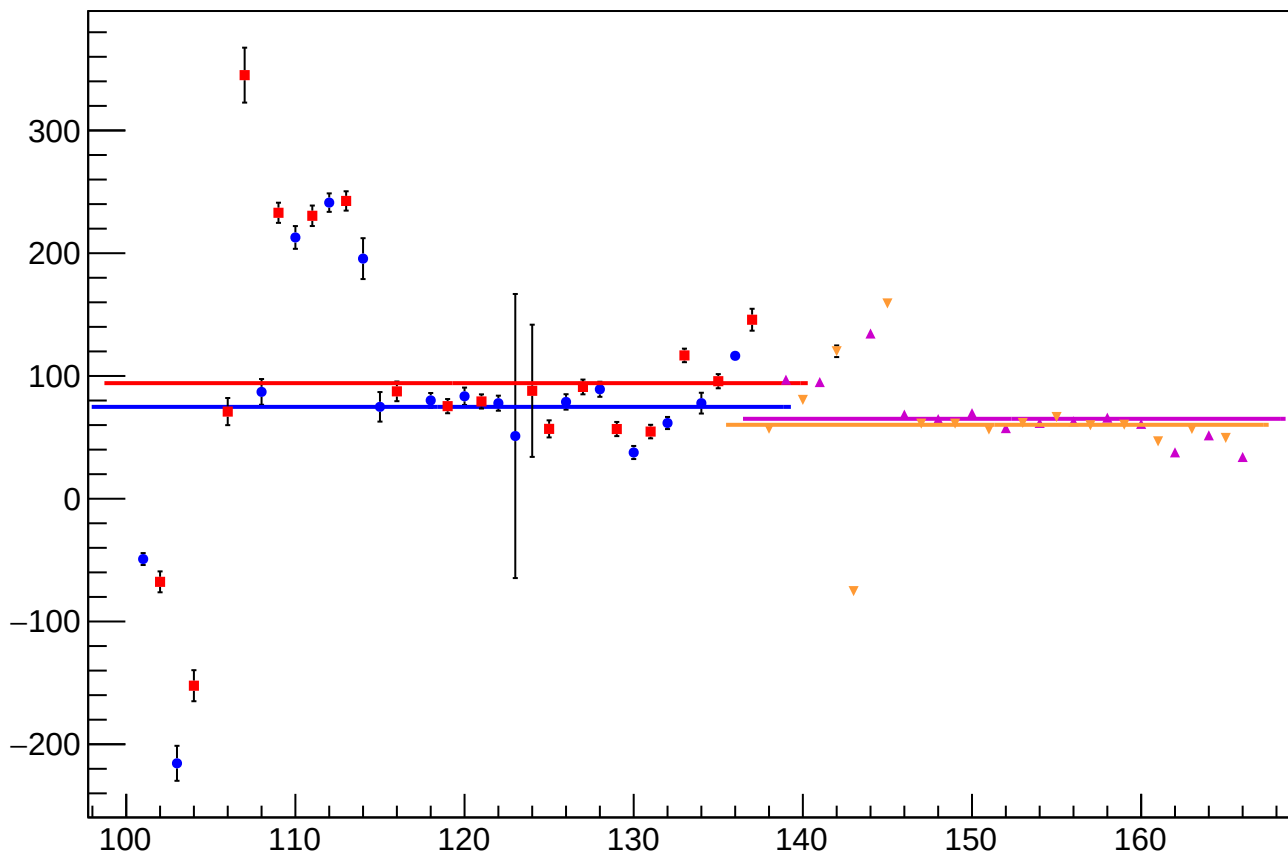
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 10.219 $\pm$ 0.444 χ^2 /NDF: 797.5/30

Out: 9.984 $\pm$ 0.444 χ^2 /NDF: 567.6/32

All: 10.102 $\pm$ 0.314 χ^2 /NDF: 1365.3/63

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 60.218+/-0.720 χ^2/NDF : 2373.1/14

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 65.102+/-0.710 χ^2/NDF : 1011.6/13

Left: 62.696+/-0.505 χ^2/NDF : 3408.1/28

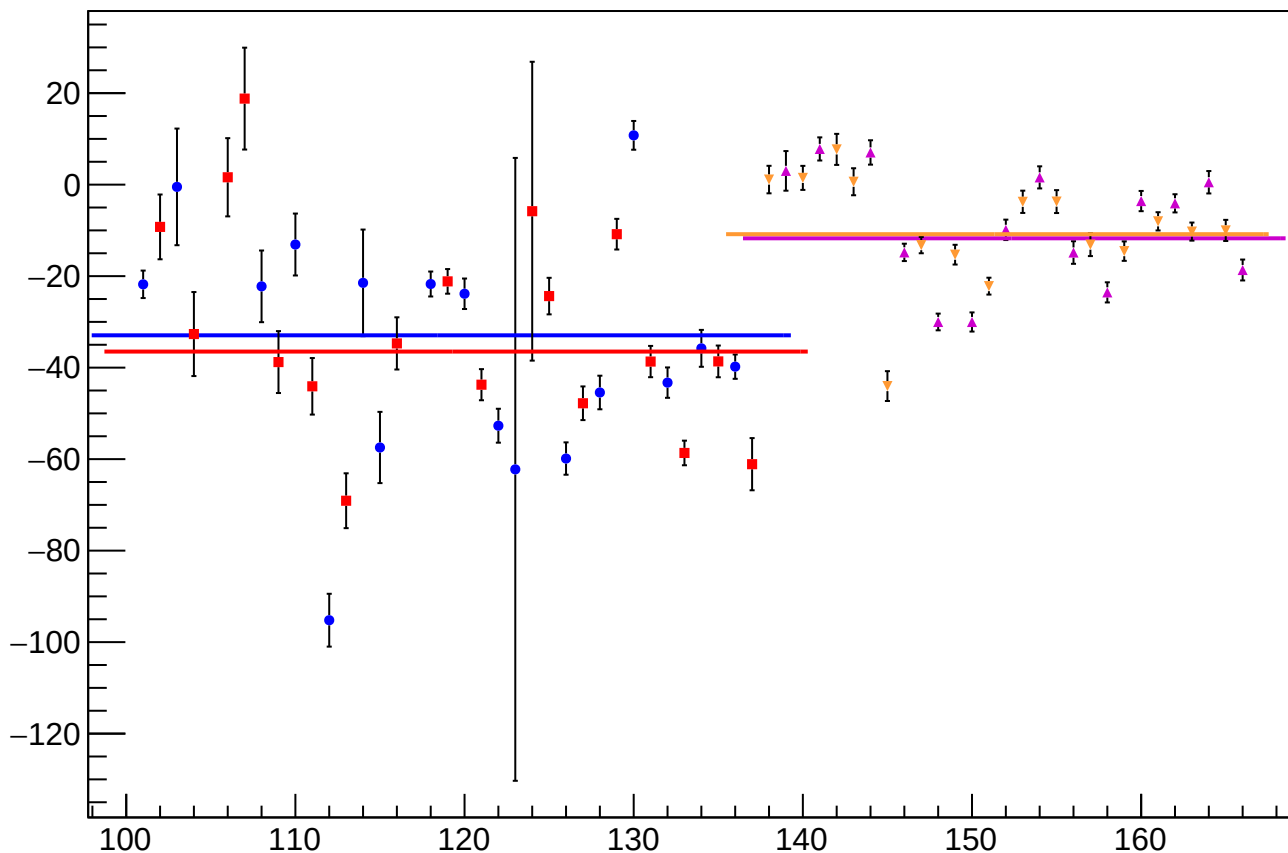
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 66.637+/-0.651 χ^2/NDF : 3038.1/30

Out: 65.277+/-0.664 χ^2/NDF : 4673.5/32

All: 65.971+/-0.465 χ^2/NDF : 7713.7/63

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.828 ± 0.600 χ^2/NDF : 253.0/14

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.732 ± 0.607 χ^2/NDF : 424.1/13

Left: -11.275 ± 0.427 χ^2/NDF : 678.3/28

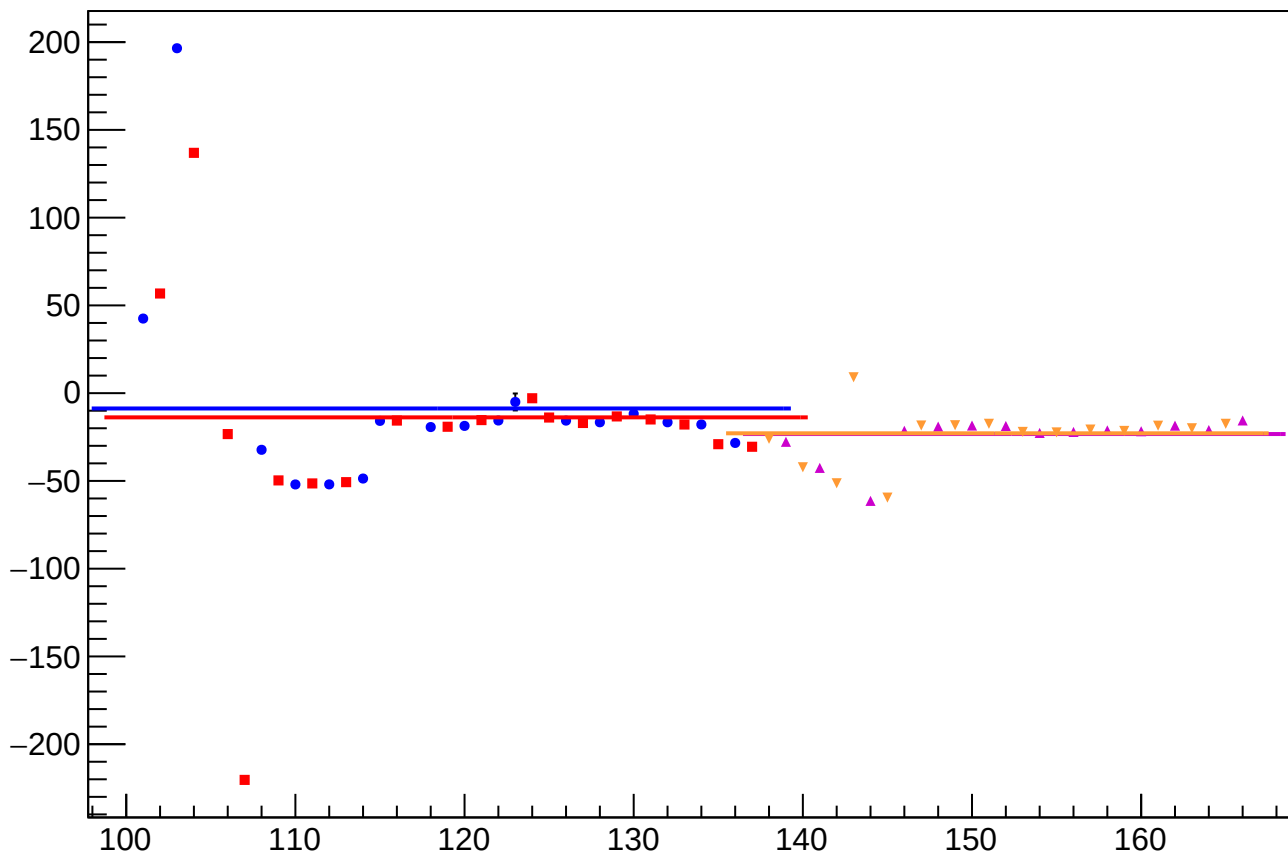
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -17.668 ± 0.515 χ^2/NDF : 1256.6/30

Out: -17.355 ± 0.518 χ^2/NDF : 1012.0/32

All: -17.512 ± 0.365 χ^2/NDF : 2268.7/63

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -22.873 ± 0.028 $\chi^2/\text{NDF}: 177557.8/14$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -23.290 ± 0.028 $\chi^2/\text{NDF}: 107683.7/13$

Left: -23.083 ± 0.020 $\chi^2/\text{NDF}: 285351.0/28$

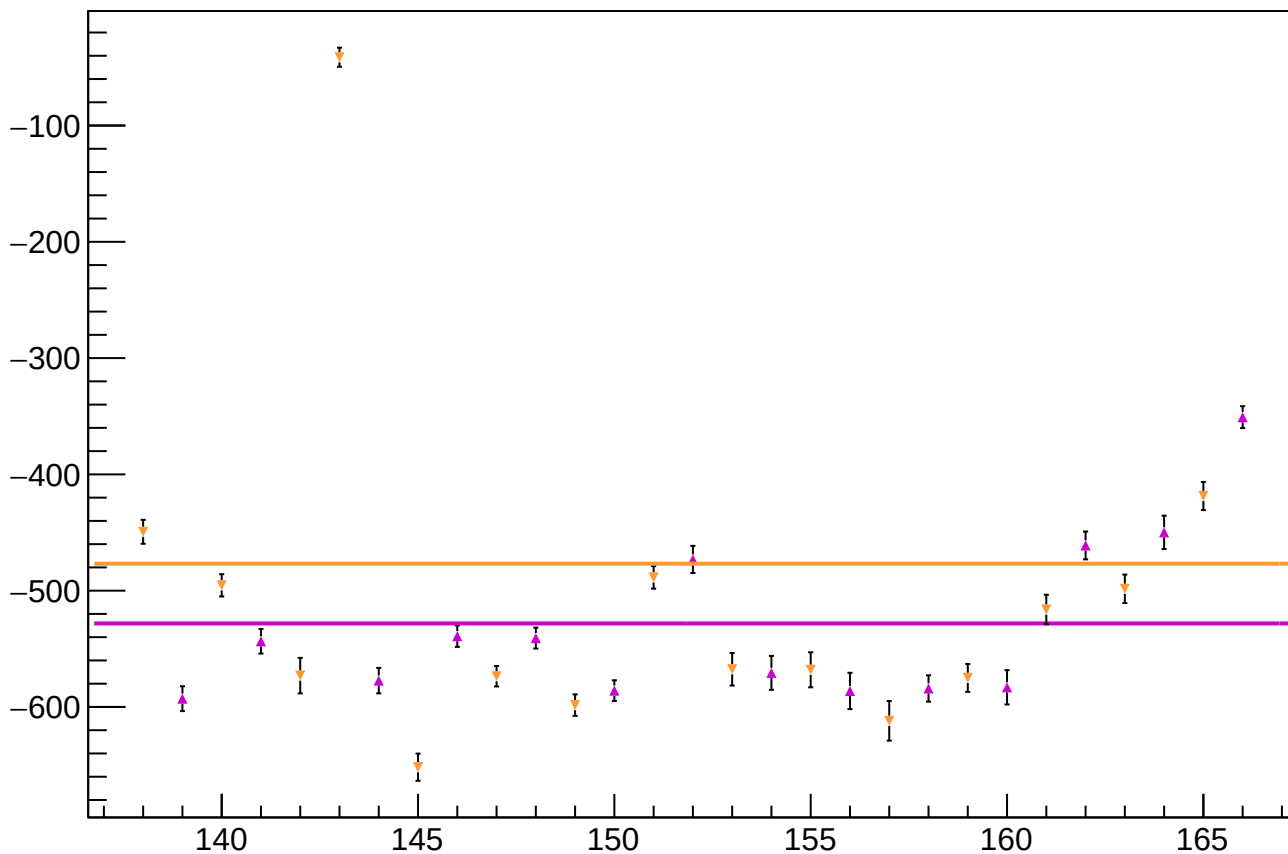
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.598 ± 0.025 $\chi^2/\text{NDF}: 733439.7/30$

Out: -21.314 ± 0.026 $\chi^2/\text{NDF}: 744647.6/32$

All: -20.950 ± 0.018 $\chi^2/\text{NDF}: 1478480.8/63$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -476.840 ± 2.868 χ^2/NDF : 3619.0/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -528.171 ± 2.955 χ^2/NDF : 604.2/13

Left: -501.735 ± 2.058 χ^2/NDF : 4378.6/28

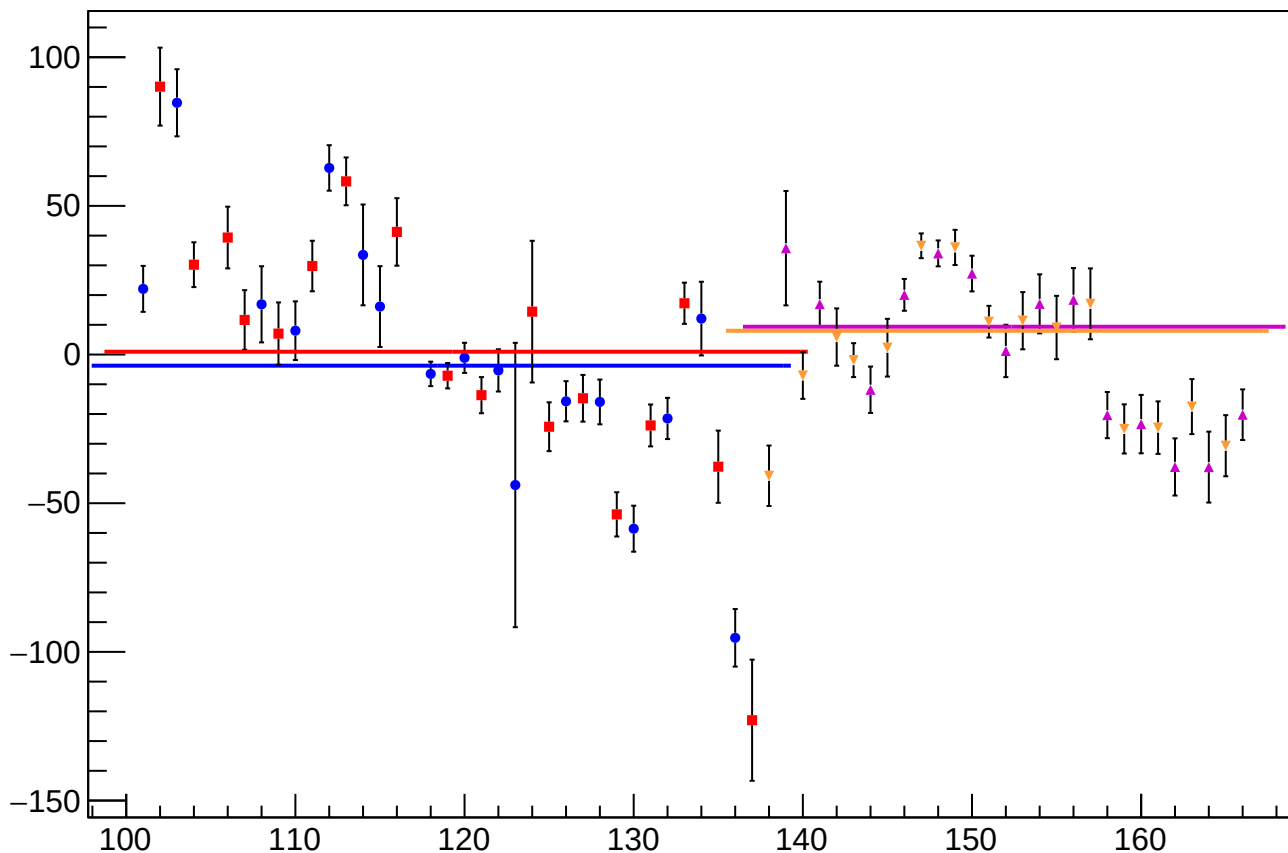
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -528.171 ± 2.955 χ^2/NDF : 604.2/13

Out: -476.840 ± 2.868 χ^2/NDF : 3619.0/14

All: -501.735 ± 2.058 χ^2/NDF : 4378.6/28

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.997 ± 1.908 χ^2/NDF : 152.0/14

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 9.350 ± 2.031 χ^2/NDF : 135.0/13

Left: 8.631 ± 1.390 χ^2/NDF : 287.3/28

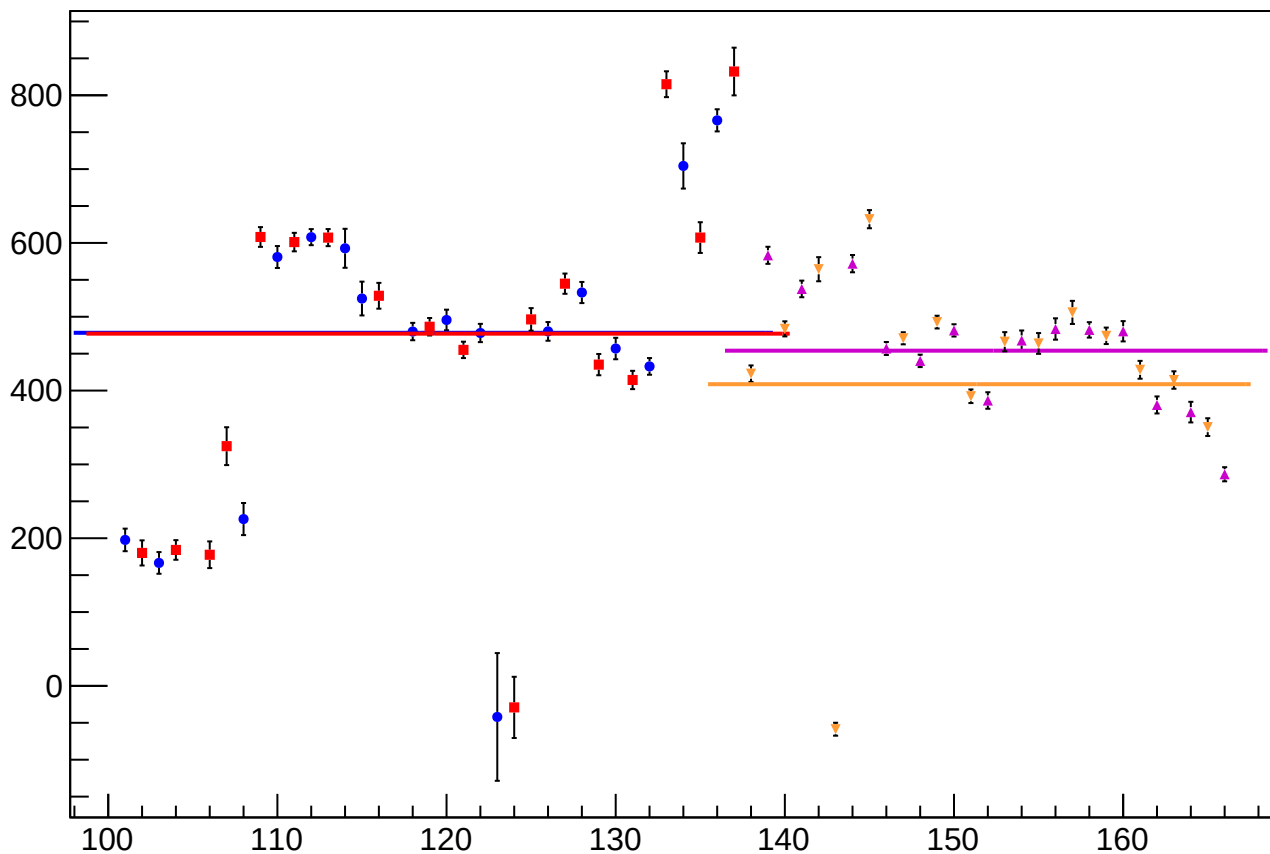
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.341 ± 1.384 χ^2/NDF : 471.4/30

Out: 4.492 ± 1.353 χ^2/NDF : 452.5/32

All: 3.441 ± 0.967 χ^2/NDF : 925.1/63

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: 408.628 $\pm$ 2.829 χ^2 /NDF:3603.6/14

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 454.036 $\pm$ 2.883 χ^2 /NDF:728.8/13

Left: 430.900 $\pm$ 2.019 χ^2 /NDF: 4458.8/28

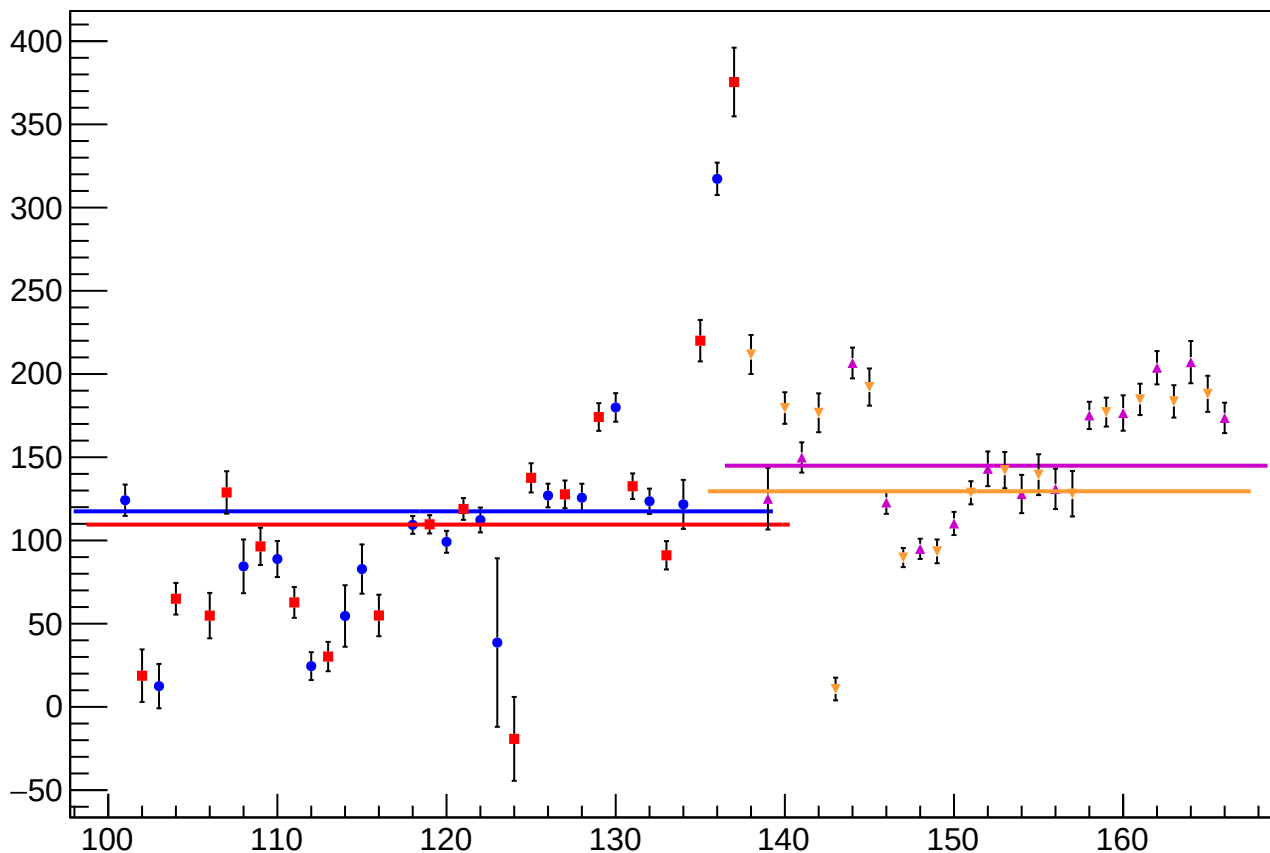
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 463.383 $\pm$ 2.260 χ^2 /NDF:2383.9/30

Out: 435.299 $\pm$ 2.210 χ^2 /NDF:6007.6/32

All: 449.031 $\pm$ 1.580 χ^2 /NDF: 8470.5/63

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: 129.556 $\pm$ 2.294 χ^2/NDF :628.7/14

Right Out: 109.536 $\pm$ 2.208 χ^2/NDF : 562.2/17

Left In: 144.923 $\pm$ 2.418 χ^2/NDF :243.0/13

Left: 136.838 $\pm$ 1.664 χ^2/NDF : 893.0/28

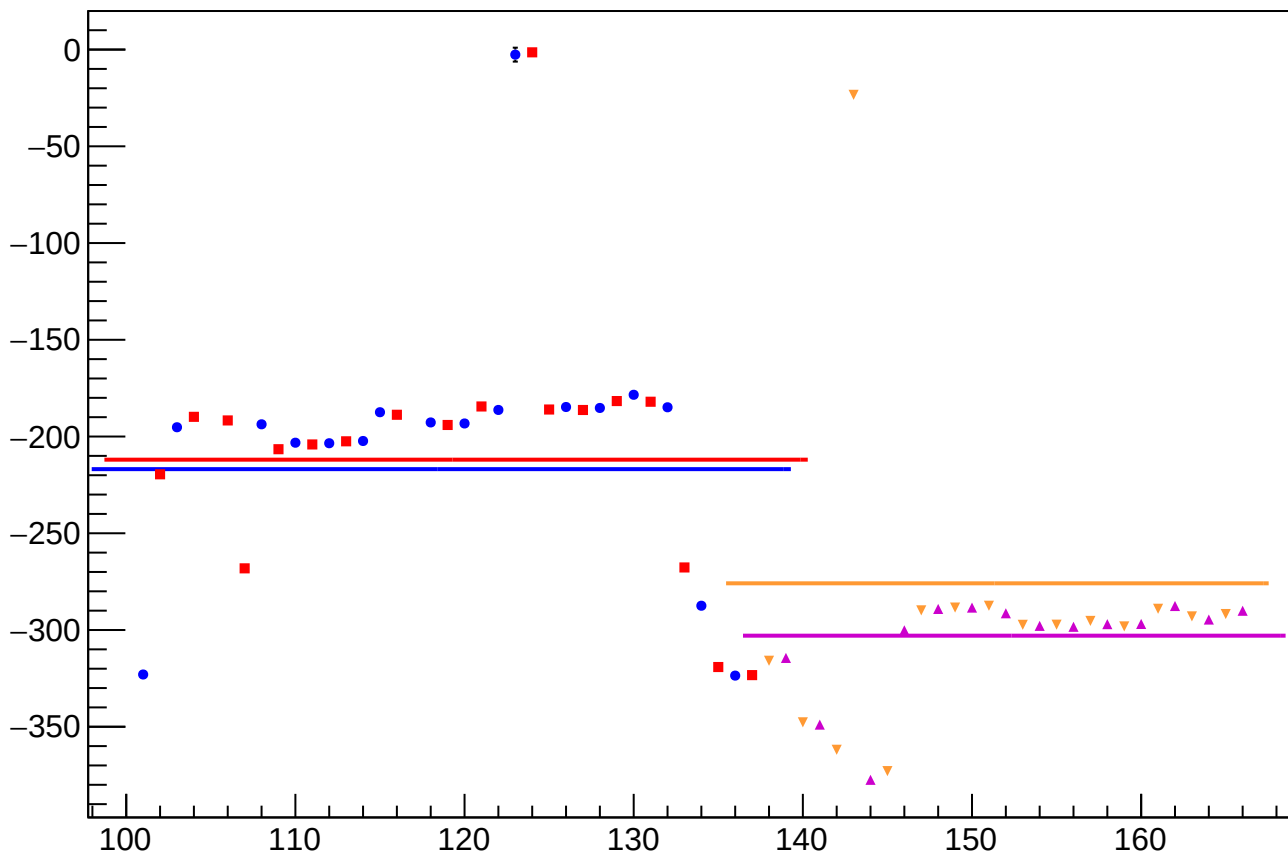
Right: 113.538 $\pm$ 1.558 χ^2/NDF : 1274.7/34

In: 129.909 $\pm$ 1.626 χ^2/NDF :1019.4/30

Out: 119.163 $\pm$ 1.591 χ^2/NDF :1230.5/32

All: 124.419 $\pm$ 1.137 χ^2/NDF : 2272.1/63

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -275.868+/-0.114 χ^2/NDF : 619836.2/14

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -302.928+/-0.116 χ^2/NDF : 38829.6/13

Left: -289.160+/-0.081 χ^2/NDF : 686367.2/28

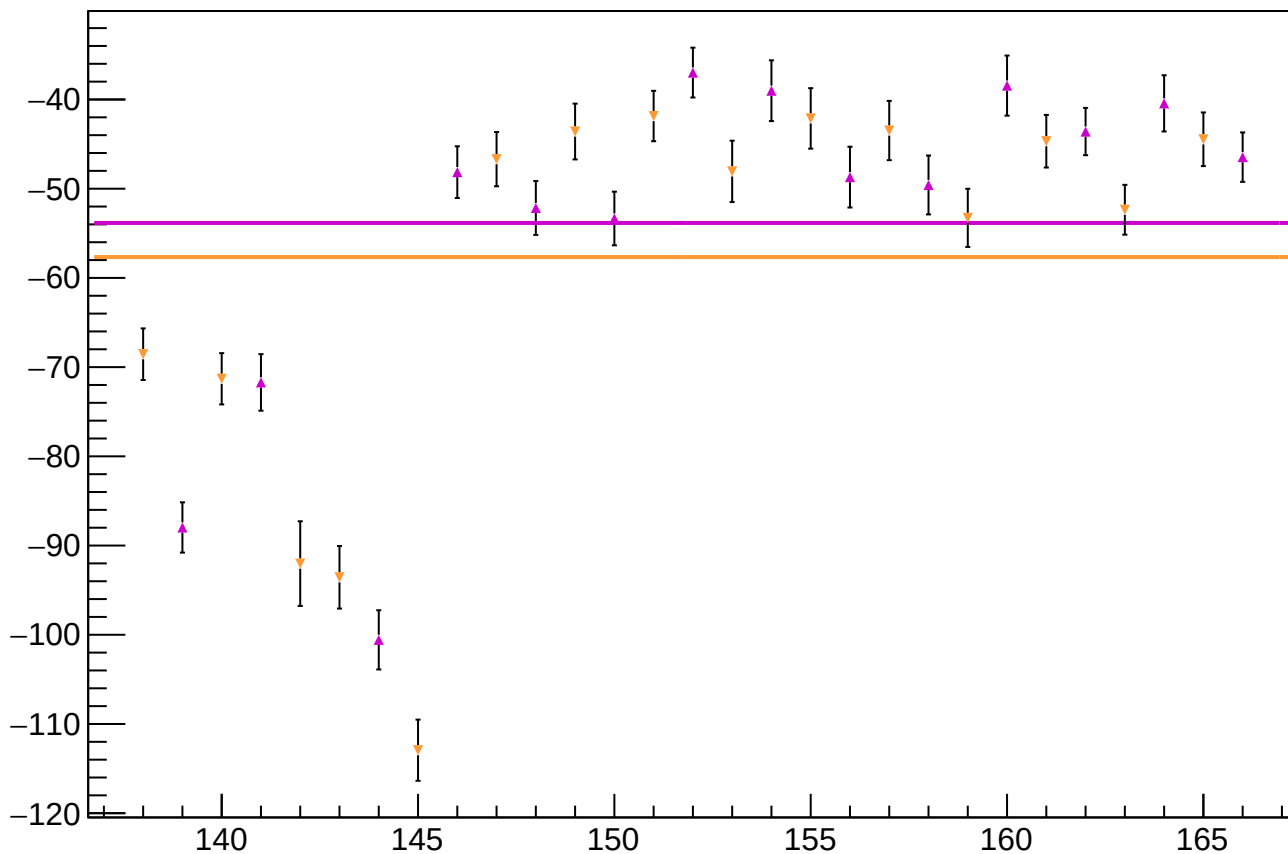
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -266.646+/-0.088 χ^2/NDF : 417948.5/30

Out: -248.260+/-0.086 χ^2/NDF : 867815.0/32

All: -257.207+/-0.062 χ^2/NDF : 1308068.9/63

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.661+/-0.817 χ^2/NDF : 609.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.840+/-0.814 χ^2/NDF : 501.1/13

Left: -55.743+/-0.577 χ^2/NDF : 1121.8/28

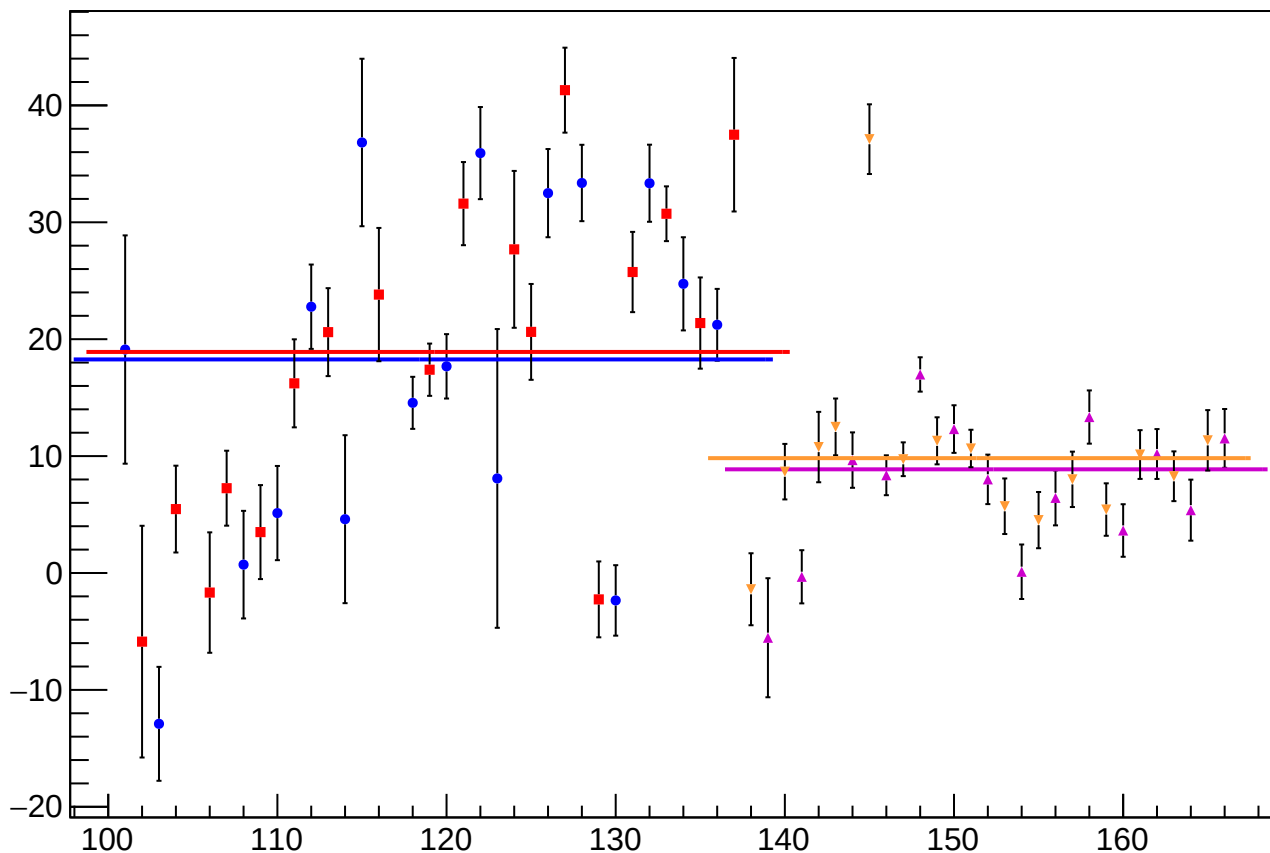
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.840+/-0.814 χ^2/NDF : 501.1/13

Out: -57.661+/-0.817 χ^2/NDF : 609.7/14

All: -55.743+/-0.577 χ^2/NDF : 1121.8/28

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2/NDF : 208.3/16

Left Out: 9.824+/-0.566 χ^2/NDF :112.6/14

Right Out: 18.909+/-0.864 χ^2/NDF : 198.1/17

Left In: 8.868+/-0.581 χ^2/NDF :85.8/13

Left: 9.358+/-0.406 χ^2/NDF : 199.8/28

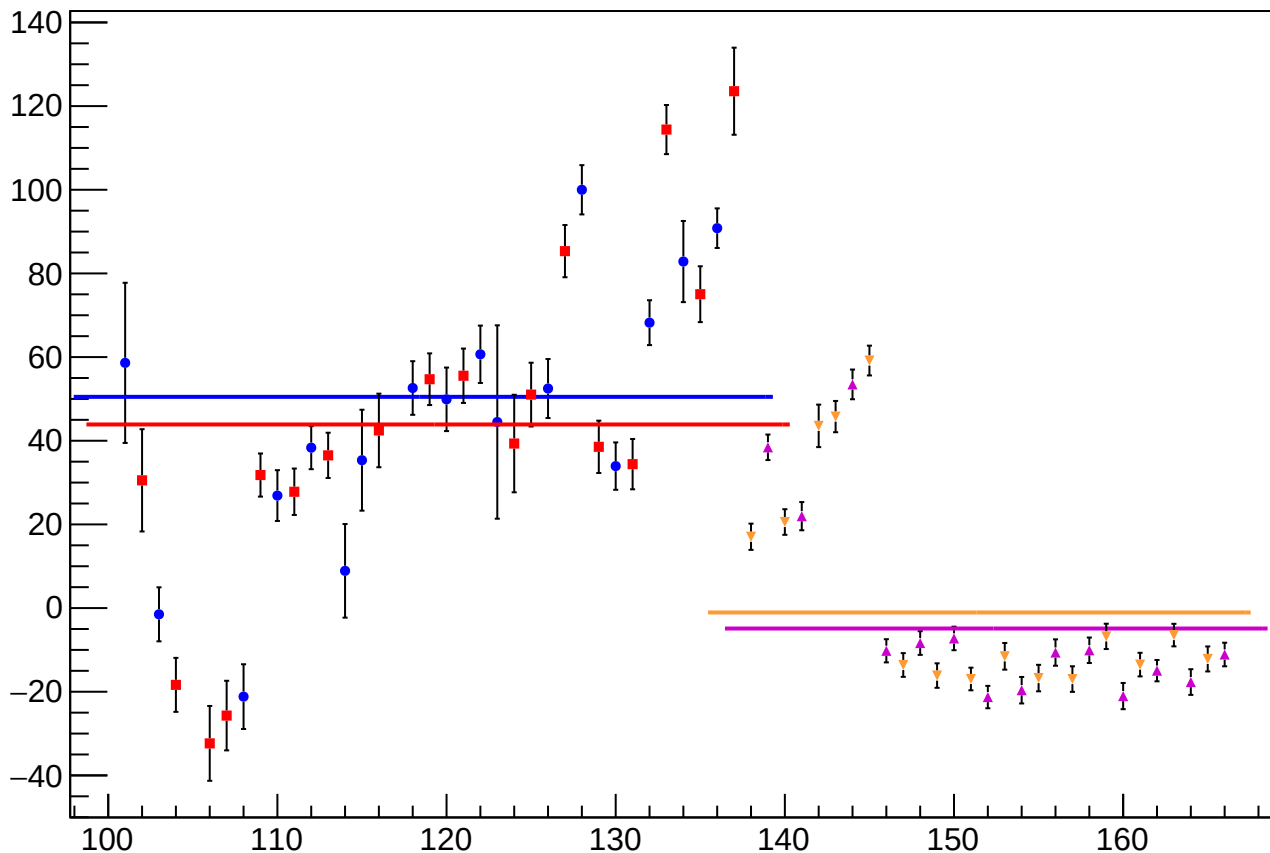
Right: 18.605+/-0.626 χ^2/NDF : 406.7/34

In: 11.605+/-0.489 χ^2/NDF :370.3/30

Out: 12.553+/-0.474 χ^2/NDF :388.0/32

All: 12.094+/-0.340 χ^2/NDF : 760.2/63

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -1.050 $\pm$ 0.799 χ^2 /NDF: 787.3/14

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -4.887 $\pm$ 0.793 χ^2 /NDF: 670.9/13

Left: -2.984 $\pm$ 0.563 χ^2 /NDF: 1469.9/28

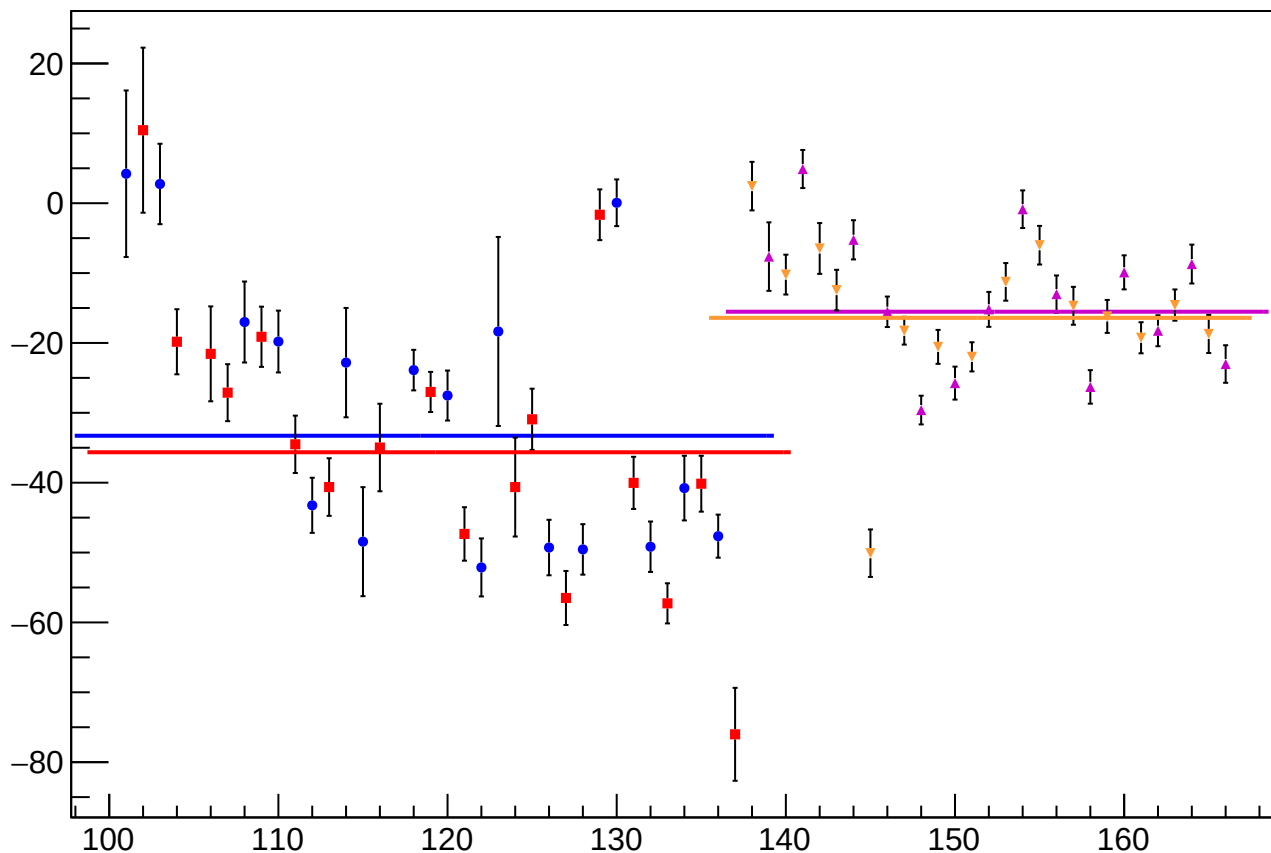
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 5.292 $\pm$ 0.716 χ^2 /NDF: 1930.9/30

Out: 7.895 $\pm$ 0.715 χ^2 /NDF: 1948.2/32

All: 6.595 $\pm$ 0.506 χ^2 /NDF: 3885.7/63

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.408 ± 0.665 $\chi^2/\text{NDF}: 174.0/14$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -15.529 ± 0.677 $\chi^2/\text{NDF}: 209.1/13$

Left: -15.976 ± 0.475 $\chi^2/\text{NDF}: 384.0/28$

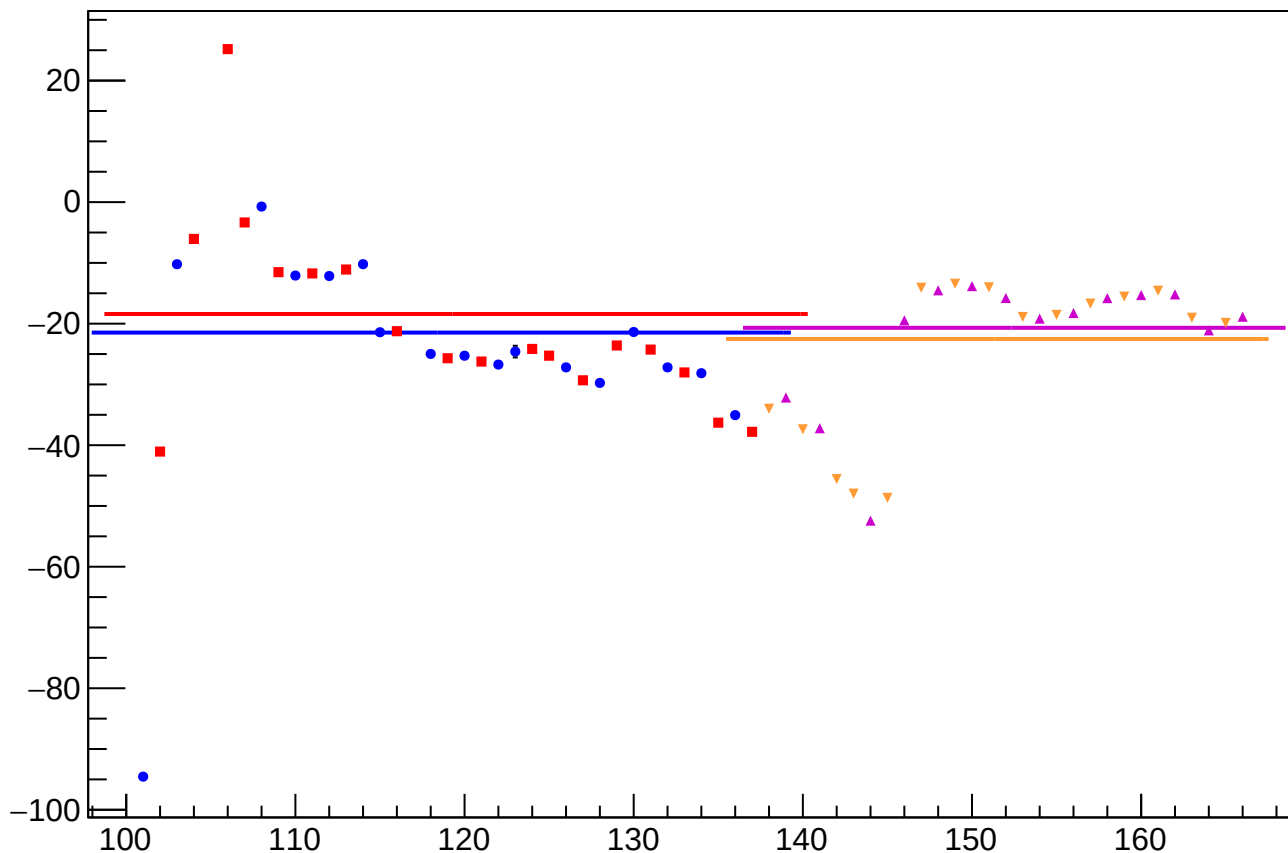
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -20.851 ± 0.567 $\chi^2/\text{NDF}: 708.1/30$

Out: -22.369 ± 0.553 $\chi^2/\text{NDF}: 717.7/32$

All: -21.629 ± 0.396 $\chi^2/\text{NDF}: 1429.5/63$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -22.522 ± 0.031 $\chi^2/\text{NDF}: 128702.8/14$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.683 ± 0.031 $\chi^2/\text{NDF}: 84183.3/13$

Left: -21.599 ± 0.022 $\chi^2/\text{NDF}: 214612.4/28$

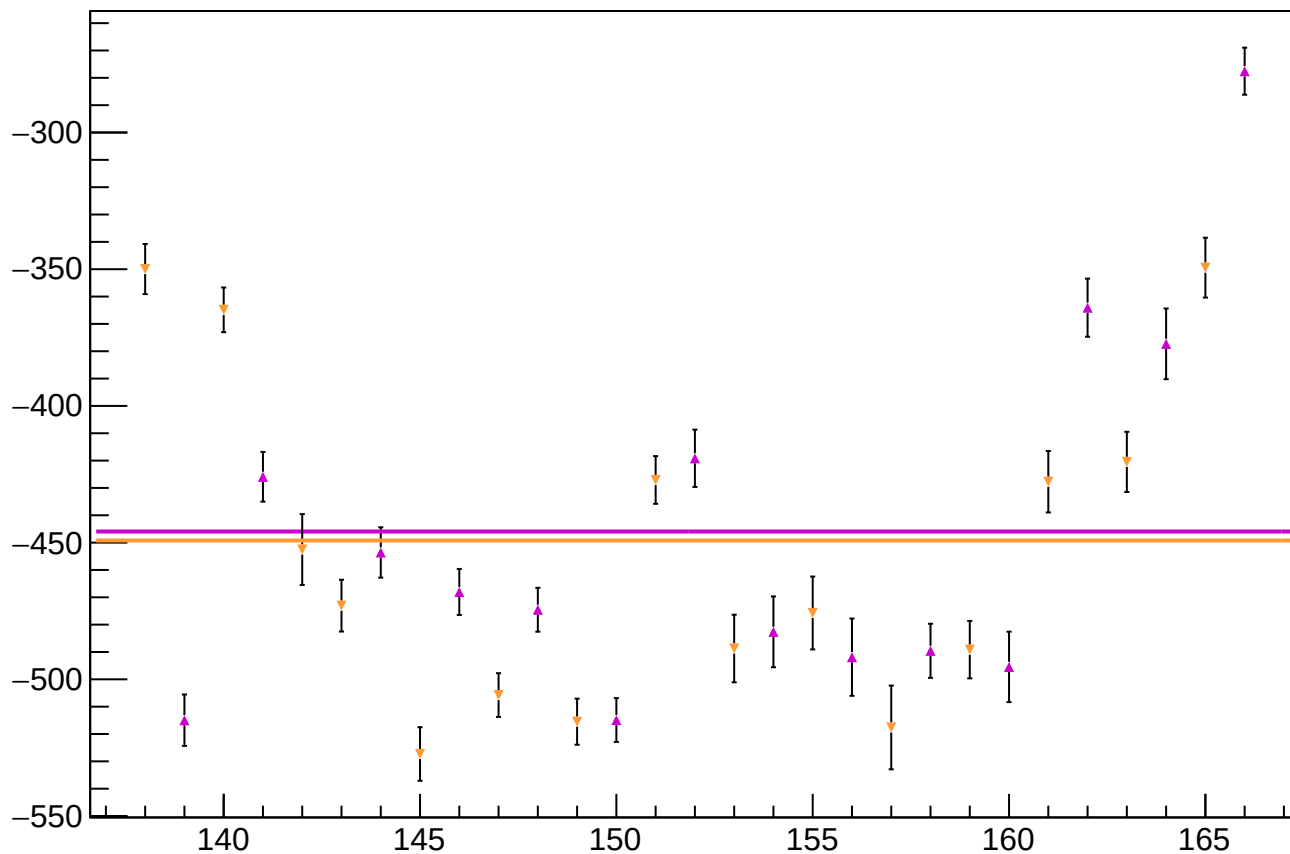
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.856 ± 0.028 $\chi^2/\text{NDF}: 133302.3/30$

Out: -21.577 ± 0.028 $\chi^2/\text{NDF}: 210242.9/32$

All: -21.218 ± 0.019 $\chi^2/\text{NDF}: 343887.2/63$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.220+/-2.606 χ^2/NDF :554.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.930+/-2.626 χ^2/NDF :682.4/13

Left: -447.588+/-1.850 χ^2/NDF : 1237.2/28

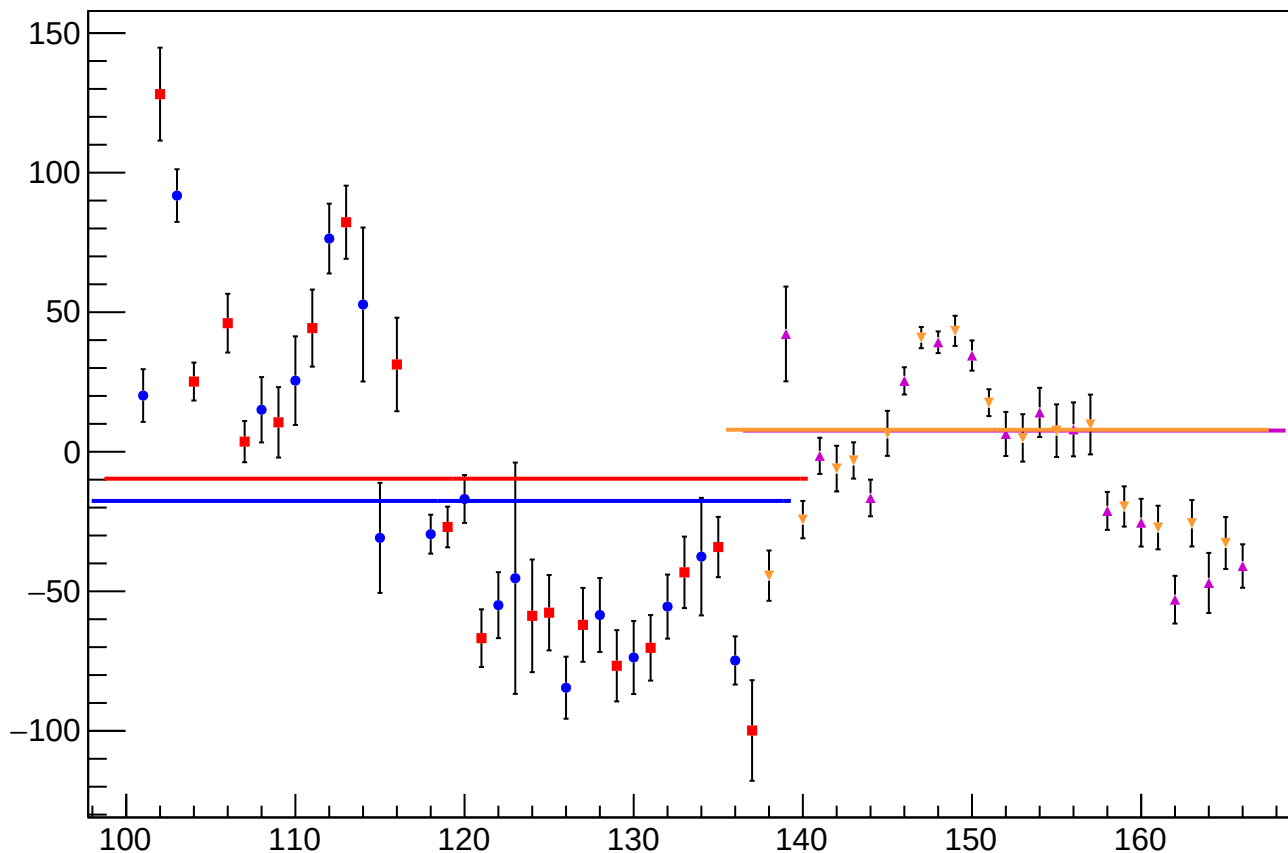
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.930+/-2.626 χ^2/NDF :682.4/13

Out: -449.220+/-2.606 χ^2/NDF :554.0/14

All: -447.588+/-1.850 χ^2/NDF : 1237.2/28

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 7.888 ± 1.737 $\chi^2/\text{NDF}: 255.8/14$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 7.602 ± 1.806 $\chi^2/\text{NDF}: 272.2/13$

Left: 7.750 ± 1.252 $\chi^2/\text{NDF}: 528.0/28$

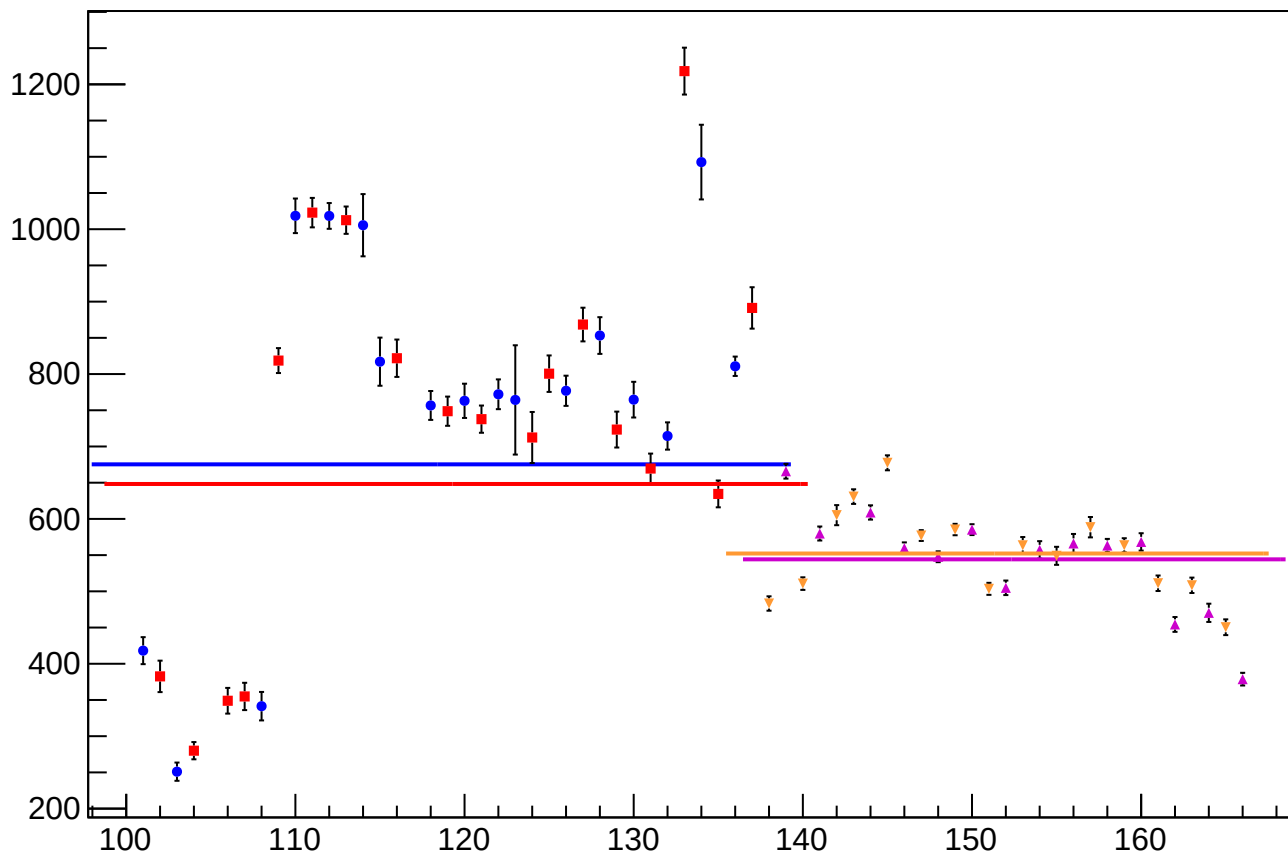
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 0.143 ± 1.515 $\chi^2/\text{NDF}: 692.0/30$

Out: 2.514 ± 1.447 $\chi^2/\text{NDF}: 647.6/32$

All: 1.383 ± 1.046 $\chi^2/\text{NDF}: 1340.9/63$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 552.222+/-2.566 χ^2/NDF : 484.2/14

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 544.170+/-2.564 χ^2/NDF : 728.5/13

Left: 548.194+/-1.814 χ^2/NDF : 1217.7/28

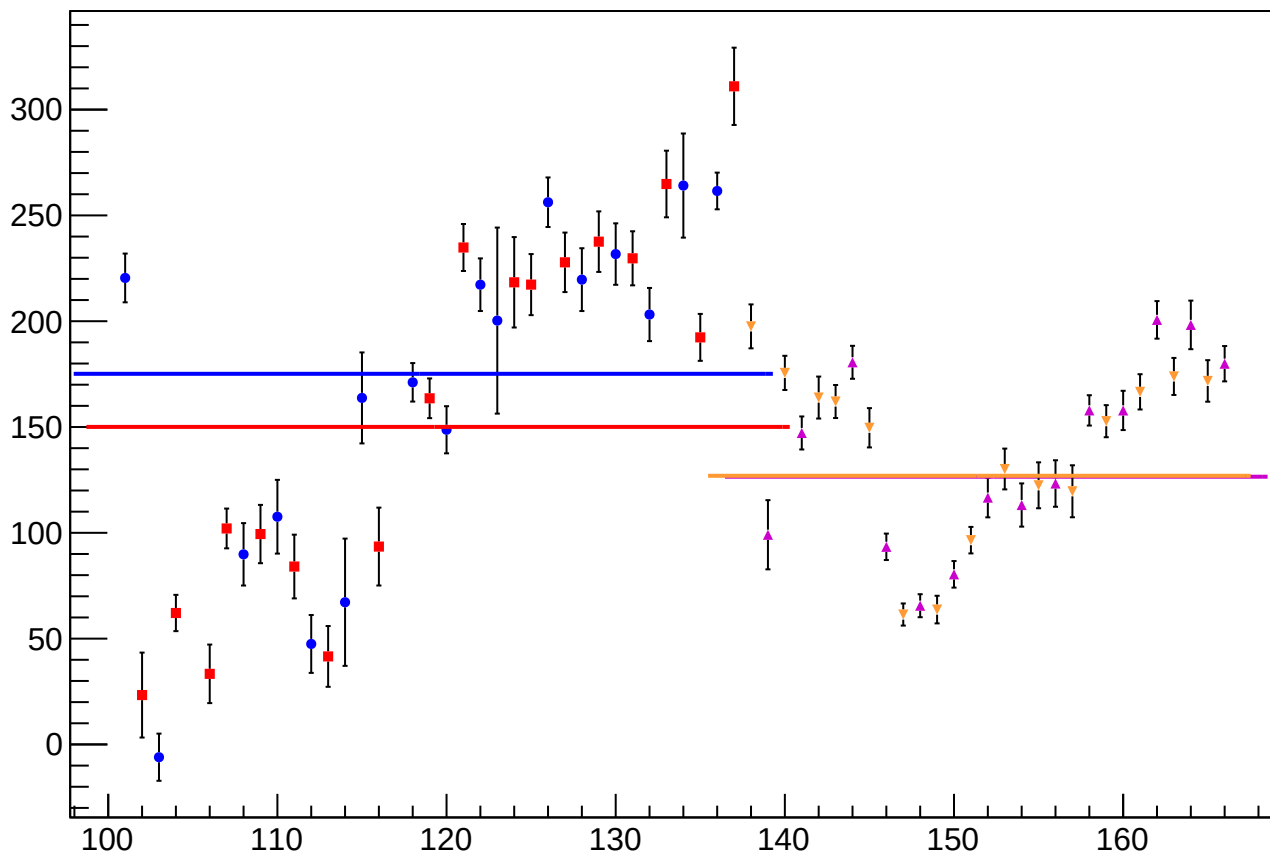
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 571.094+/-2.286 χ^2/NDF : 3848.3/30

Out: 573.734+/-2.260 χ^2/NDF : 3856.9/32

All: 572.429+/-1.607 χ^2/NDF : 7705.9/63

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: 126.956 $\pm$ 2.087 χ^2 /NDF:482.0/14

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 126.520 $\pm$ 2.149 χ^2 /NDF:449.2/13

Left: 126.744 $\pm$ 1.497 χ^2 /NDF: 931.2/28

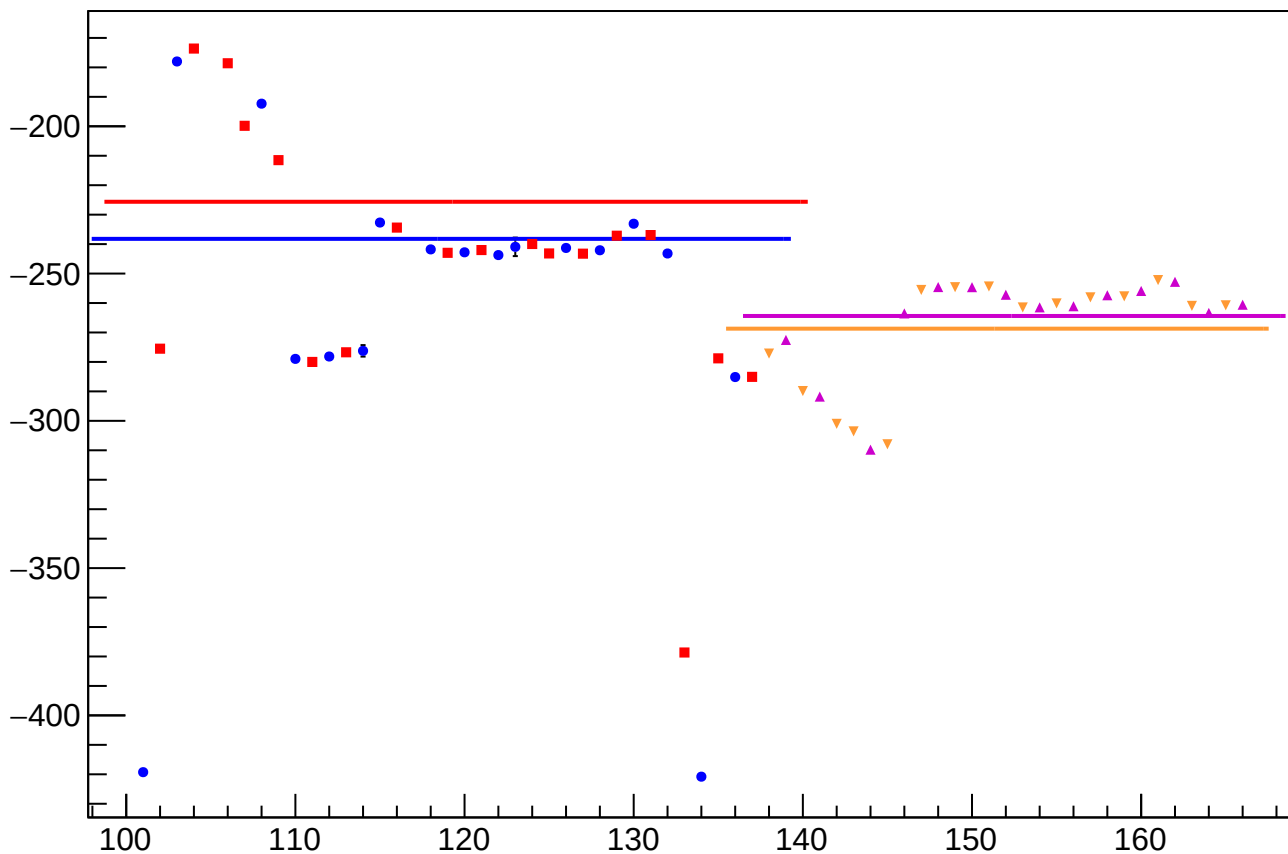
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 141.568 $\pm$ 1.785 χ^2 /NDF:1243.3/30

Out: 134.339 $\pm$ 1.722 χ^2 /NDF:1207.3/32

All: 137.823 $\pm$ 1.239 χ^2 /NDF: 2459.1/63

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -268.705+/-0.103 χ^2/NDF : 32719.9/14

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -264.397+/-0.103 χ^2/NDF : 20565.3/13

Left: -266.546+/-0.073 χ^2/NDF : 54156.9/28

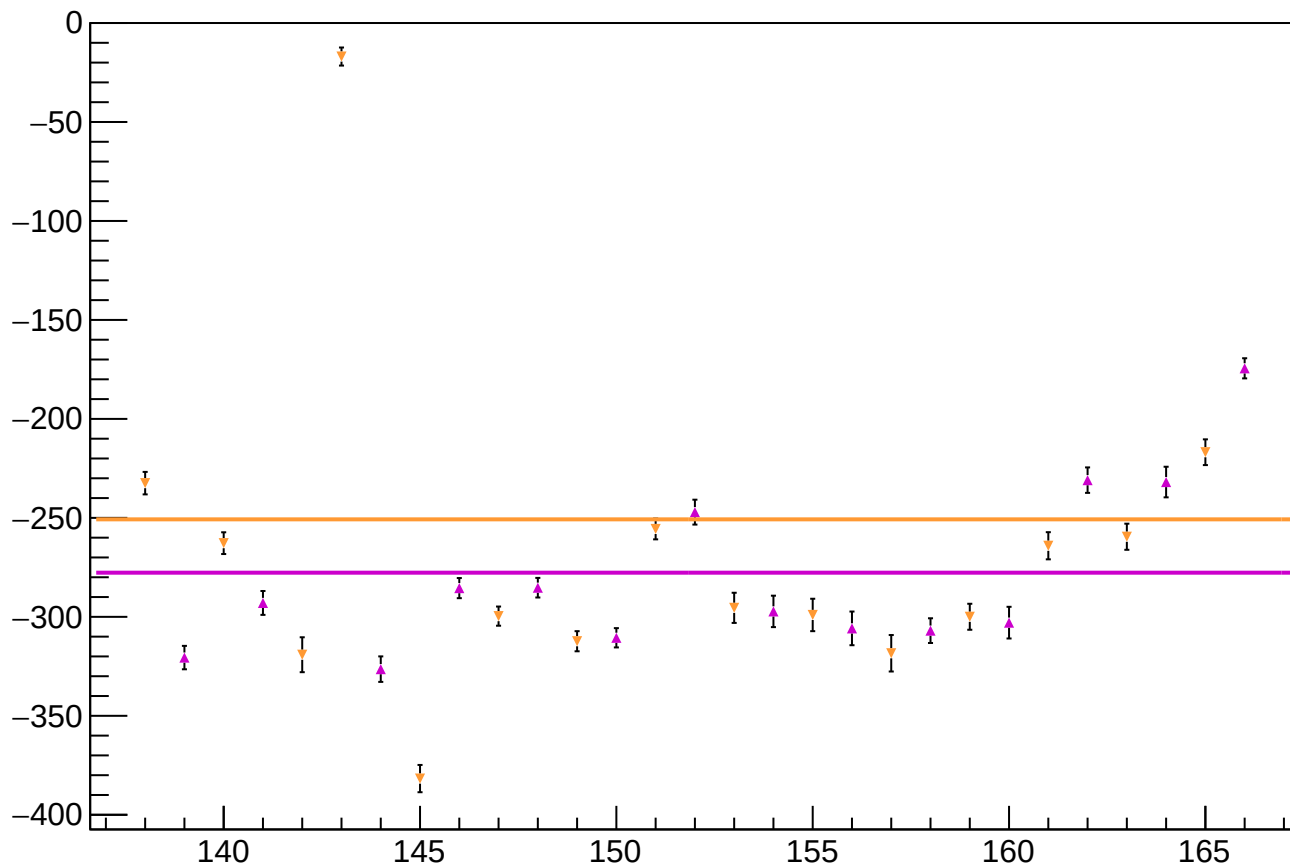
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.727+/-0.087 χ^2/NDF : 206578.3/30

Out: -255.042+/-0.085 χ^2/NDF : 183337.1/32

All: -255.872+/-0.061 χ^2/NDF : 390107.3/63

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: -250.747+/-1.584 χ^2/NDF :3523.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -277.692+/-1.628 χ^2/NDF :738.9/13

Left: -263.851+/-1.135 χ^2/NDF : 4403.5/28

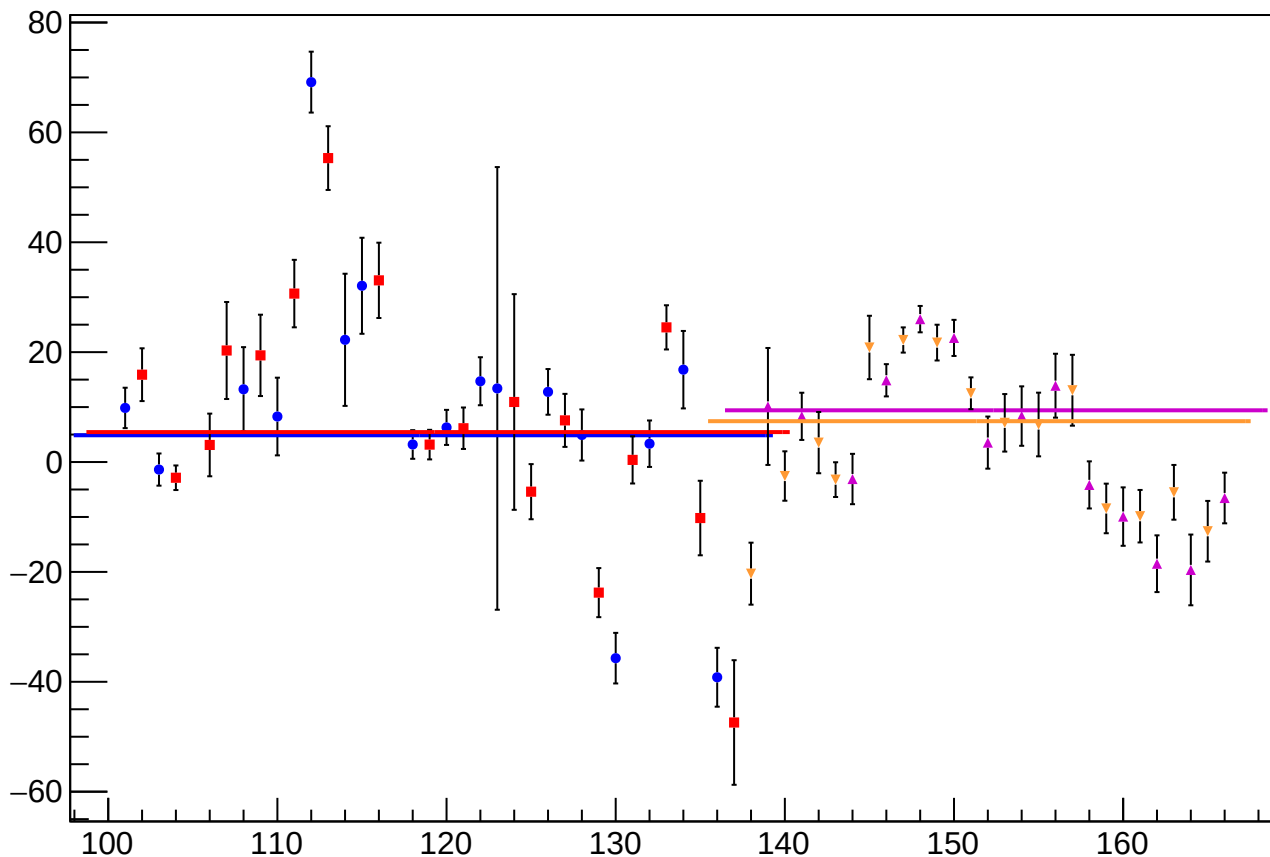
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.692+/-1.628 χ^2/NDF :738.9/13

Out: -250.747+/-1.584 χ^2/NDF :3523.9/14

All: -263.851+/-1.135 χ^2/NDF : 4403.5/28

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870+/-1.091 χ^2/NDF : 311.5/16

Left Out: 7.434+/-1.052 χ^2/NDF : 156.4/14

Right Out: 5.450+/-1.071 χ^2/NDF : 231.5/17

Left In: 9.413+/-1.118 χ^2/NDF : 161.9/13

Left: 8.363+/-0.766 χ^2/NDF : 319.9/28

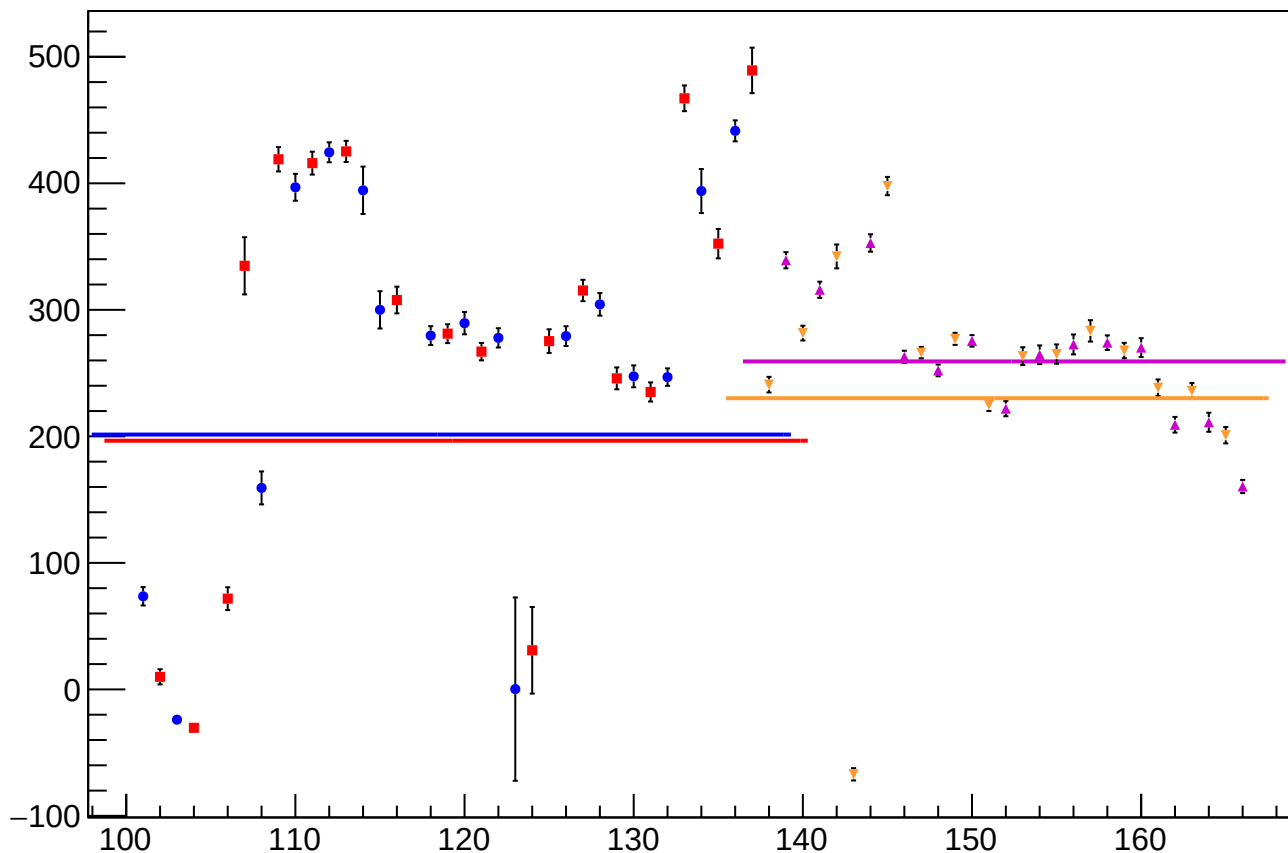
Right: 5.165+/-0.764 χ^2/NDF : 543.2/34

In: 7.085+/-0.781 χ^2/NDF : 481.9/30

Out: 6.459+/-0.751 χ^2/NDF : 389.6/32

All: 6.760+/-0.541 χ^2/NDF : 871.9/63

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: 230.168 $\pm$ 1.559 χ^2 /NDF:4796.3/14

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 259.221 $\pm$ 1.586 χ^2 /NDF:954.7/13

Left: 244.450 $\pm$ 1.112 χ^2 /NDF: 5921.6/28

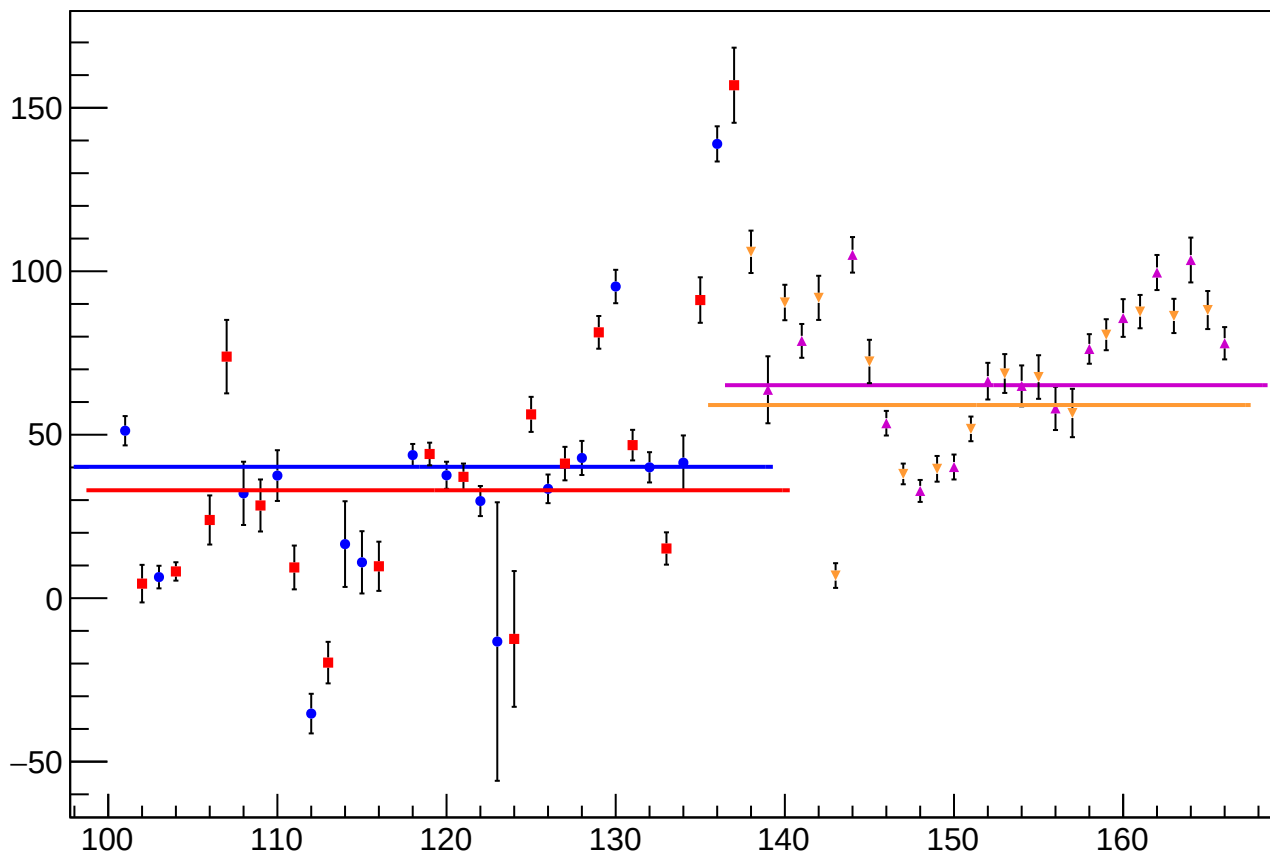
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 236.544 $\pm$ 1.236 χ^2 /NDF:8216.6/30

Out: 216.909 $\pm$ 1.213 χ^2 /NDF:13157.7/32

All: 226.542 $\pm$ 0.866 χ^2 /NDF: 21502.8/63

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 59.082+/-1.265 χ^2/NDF : 484.8/14

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 65.152+/-1.331 χ^2/NDF : 305.0/13

Left: 61.963+/-0.917 χ^2/NDF : 800.8/28

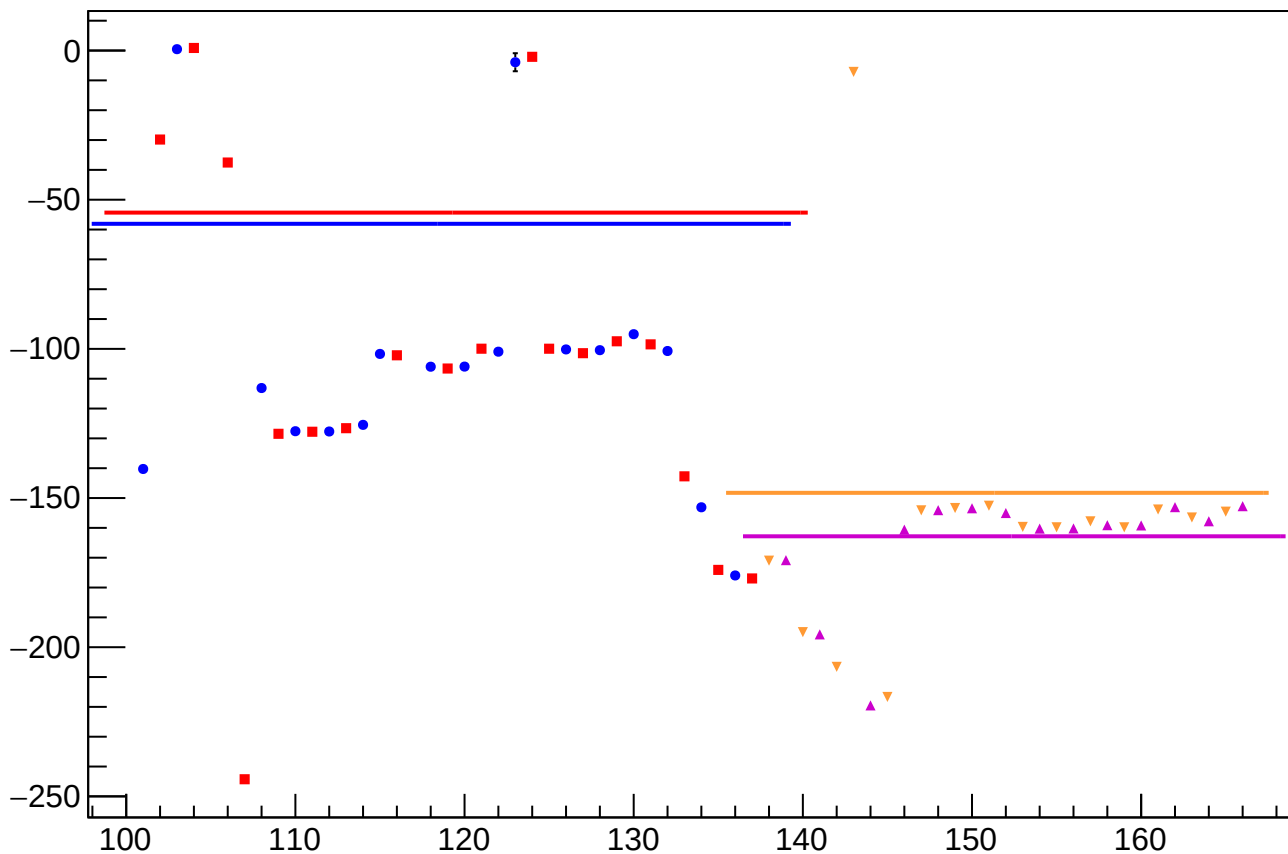
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 52.083+/-0.919 χ^2/NDF : 1223.3/30

Out: 45.922+/-0.890 χ^2/NDF : 1246.5/32

All: 48.905+/-0.639 χ^2/NDF : 2493.0/63

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -148.253 ± 0.063 $\chi^2/\text{NDF}: 656731.3/14$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -162.824 ± 0.064 $\chi^2/\text{NDF}: 62471.8/13$

Left: -155.423 ± 0.045 $\chi^2/\text{NDF}: 745754.8/28$

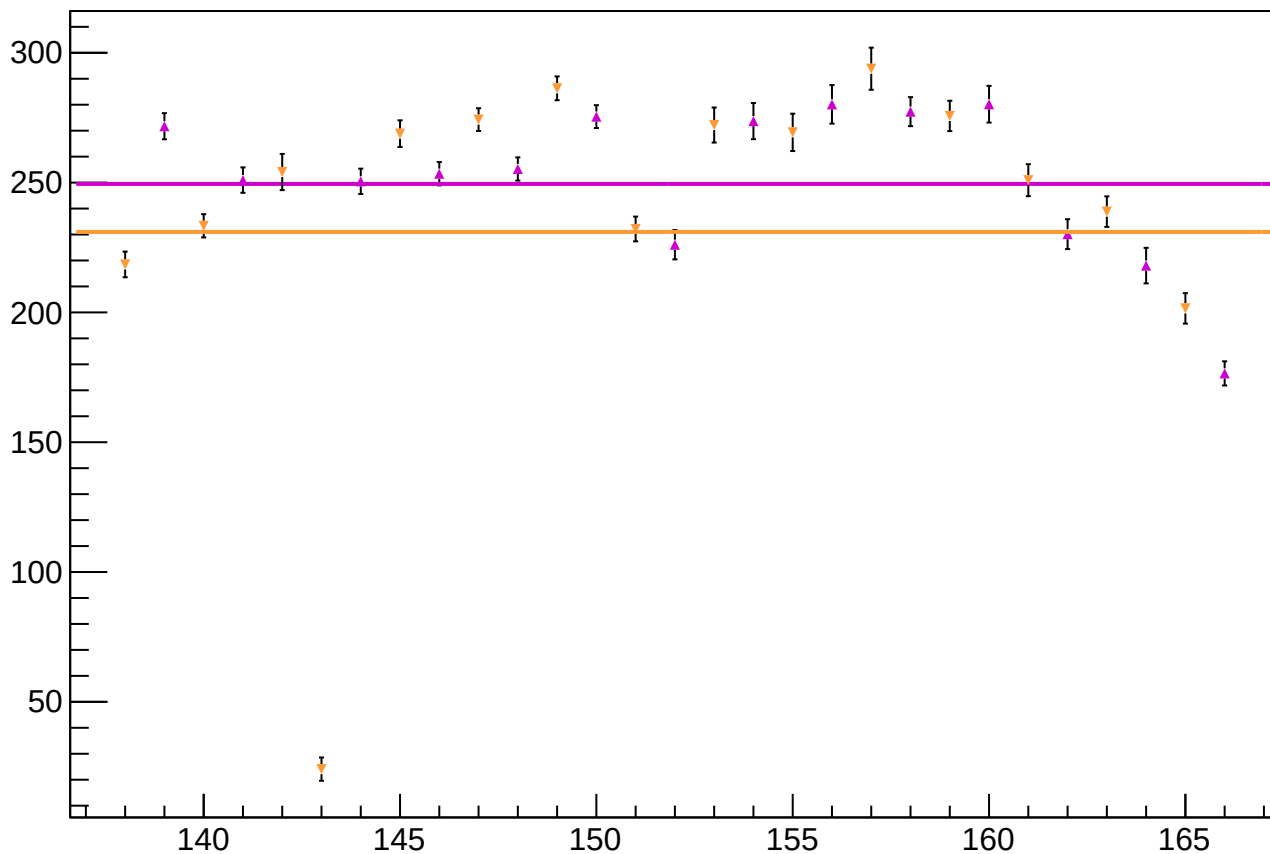
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -108.689 ± 0.044 $\chi^2/\text{NDF}: 2563093.0/30$

Out: -99.546 ± 0.044 $\chi^2/\text{NDF}: 2810652.5/32$

All: -104.036 ± 0.031 $\chi^2/\text{NDF}: 5395421.6/63$

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: 231.002 ± 1.397 χ^2/NDF : 2659.3/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 249.496 ± 1.423 χ^2/NDF : 425.4/13

Left: 240.079 ± 0.997 χ^2/NDF : 3170.7/28

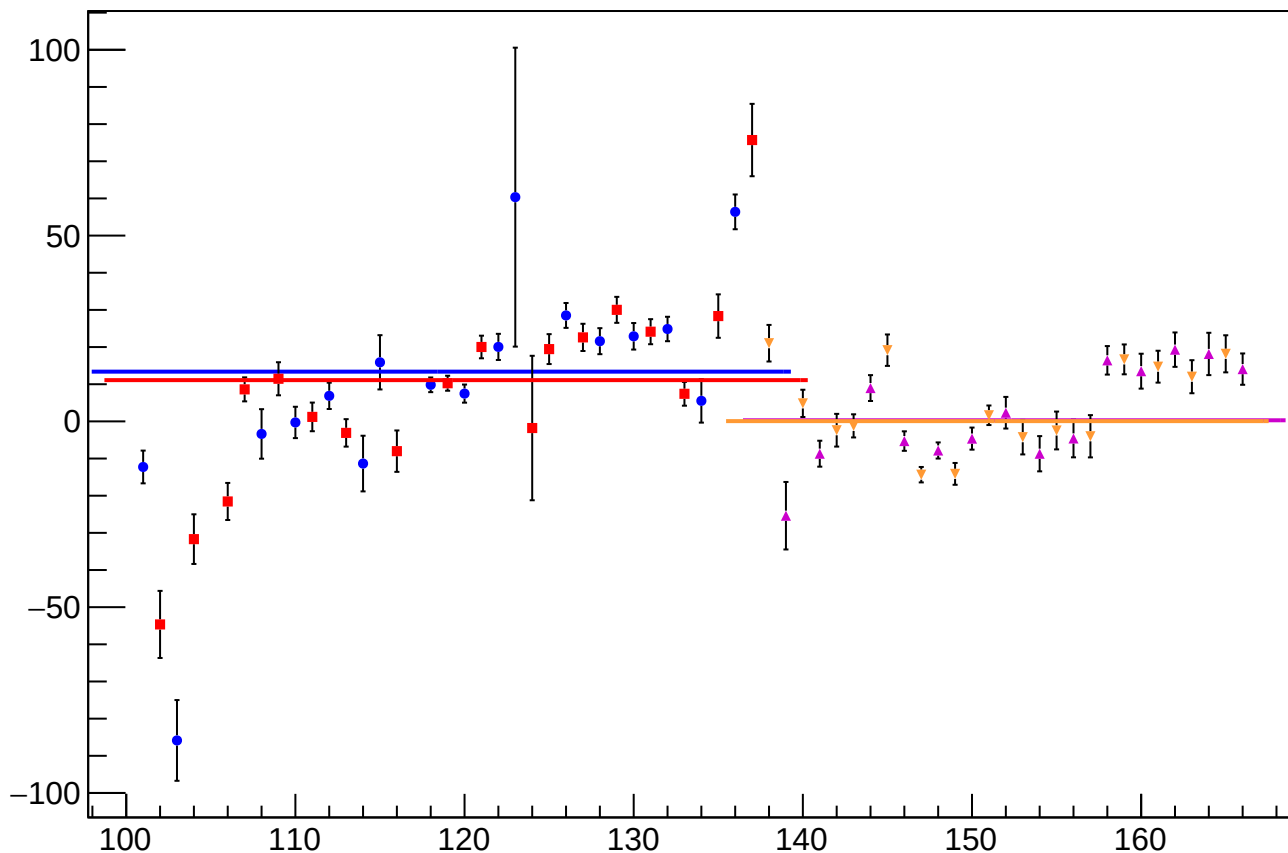
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 249.496 ± 1.423 χ^2/NDF : 425.4/13

Out: 231.002 ± 1.397 χ^2/NDF : 2659.3/14

All: 240.079 ± 0.997 χ^2/NDF : 3170.7/28

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: 0.070 ± 0.936 χ^2/NDF : 163.4/14

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.294 ± 0.984 χ^2/NDF : 109.9/13

Left: 0.176 ± 0.678 χ^2/NDF : 273.3/28

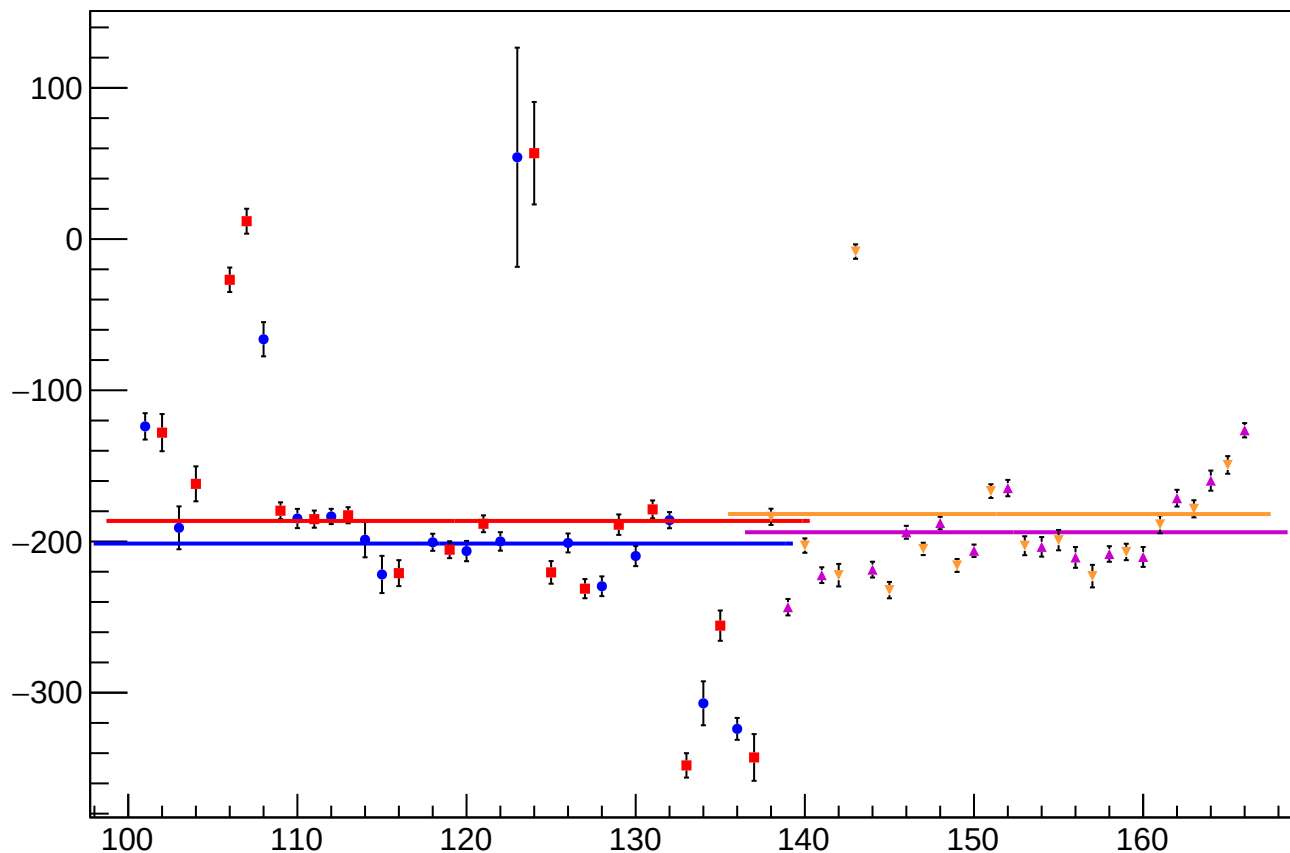
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.270 ± 0.672 χ^2/NDF : 498.3/30

Out: 5.708 ± 0.654 χ^2/NDF : 526.6/32

All: 6.468 ± 0.469 χ^2/NDF : 1027.7/63

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -181.845 ± 1.379 χ^2/NDF : 1655.7/14

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -193.889 ± 1.391 χ^2/NDF : 442.3/13

Left: -187.812 ± 0.979 χ^2/NDF : 2135.8/28

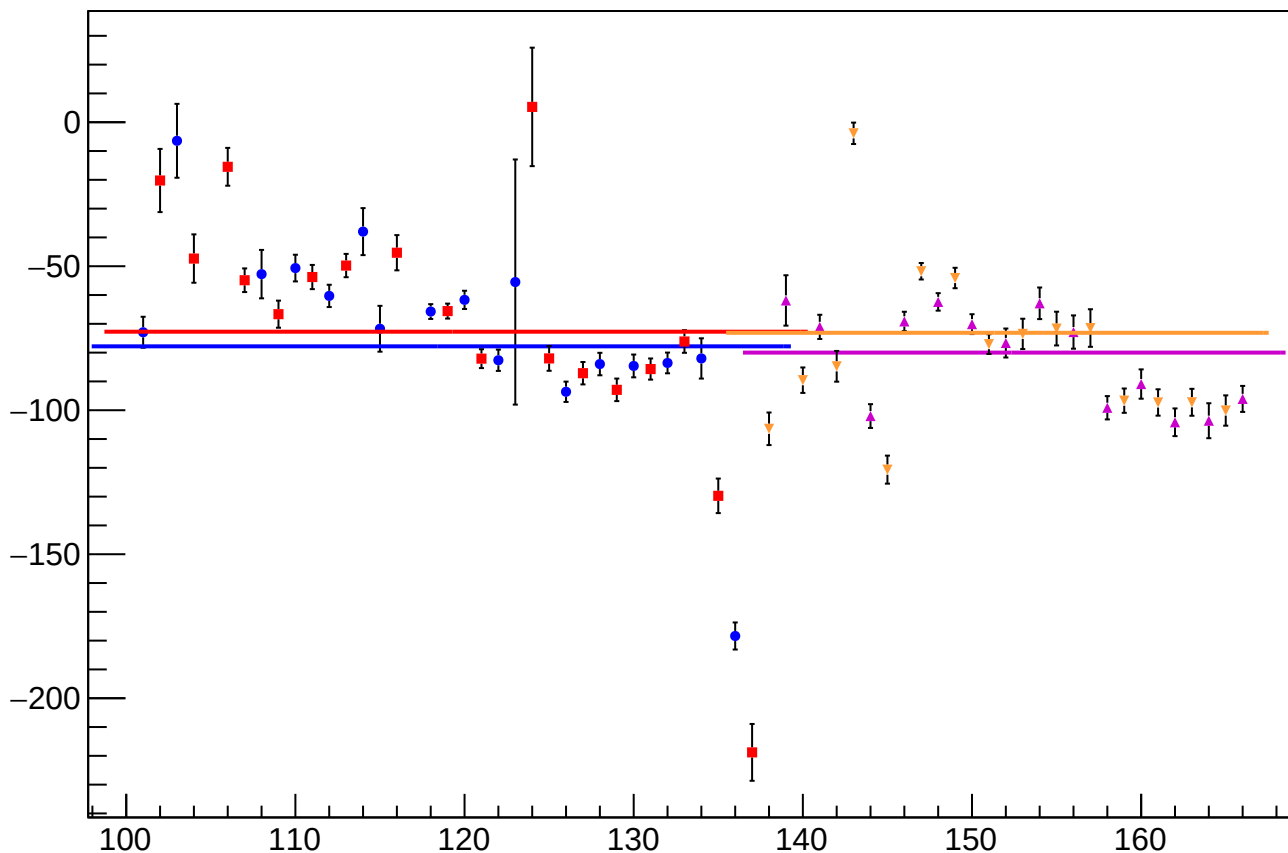
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -196.717 ± 1.097 χ^2/NDF : 1078.2/30

Out: -183.652 ± 1.072 χ^2/NDF : 3359.5/32

All: -190.032 ± 0.767 χ^2/NDF : 4510.3/63

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -73.113 ± 1.123 $\chi^2/\text{NDF}: 693.4/14$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -79.993 ± 1.169 $\chi^2/\text{NDF}: 181.4/13$

Left: -76.415 ± 0.810 $\chi^2/\text{NDF}: 892.8/28$

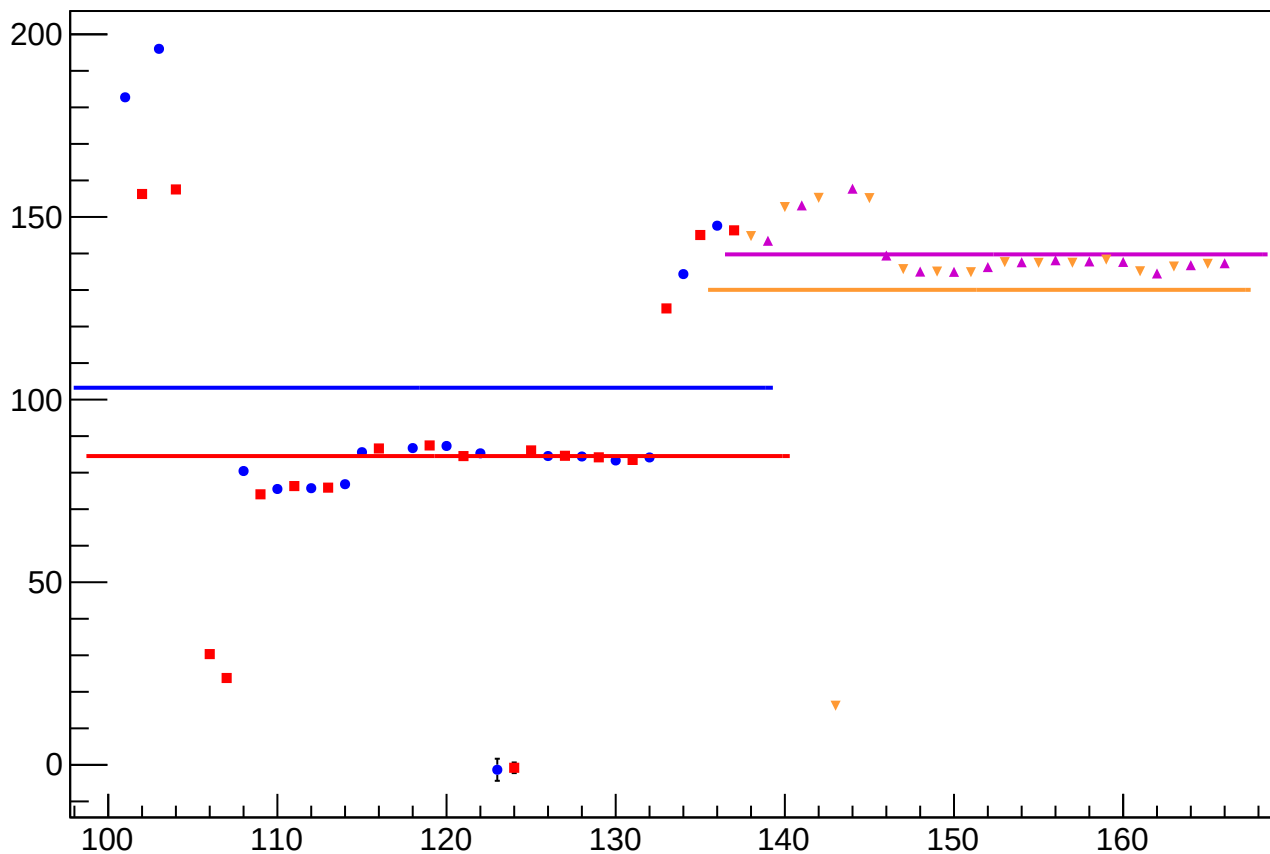
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -78.808 ± 0.789 $\chi^2/\text{NDF}: 839.6/30$

Out: -72.912 ± 0.768 $\chi^2/\text{NDF}: 1292.5/32$

All: -75.783 ± 0.550 $\chi^2/\text{NDF}: 2160.7/63$

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: 130.049 $\pm$ 0.055 χ^2 /NDF: 397401.4/14

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.755 $\pm$ 0.056 χ^2 /NDF: 13466.7/13

Left: 134.860 $\pm$ 0.039 χ^2 /NDF: 426075.1/28

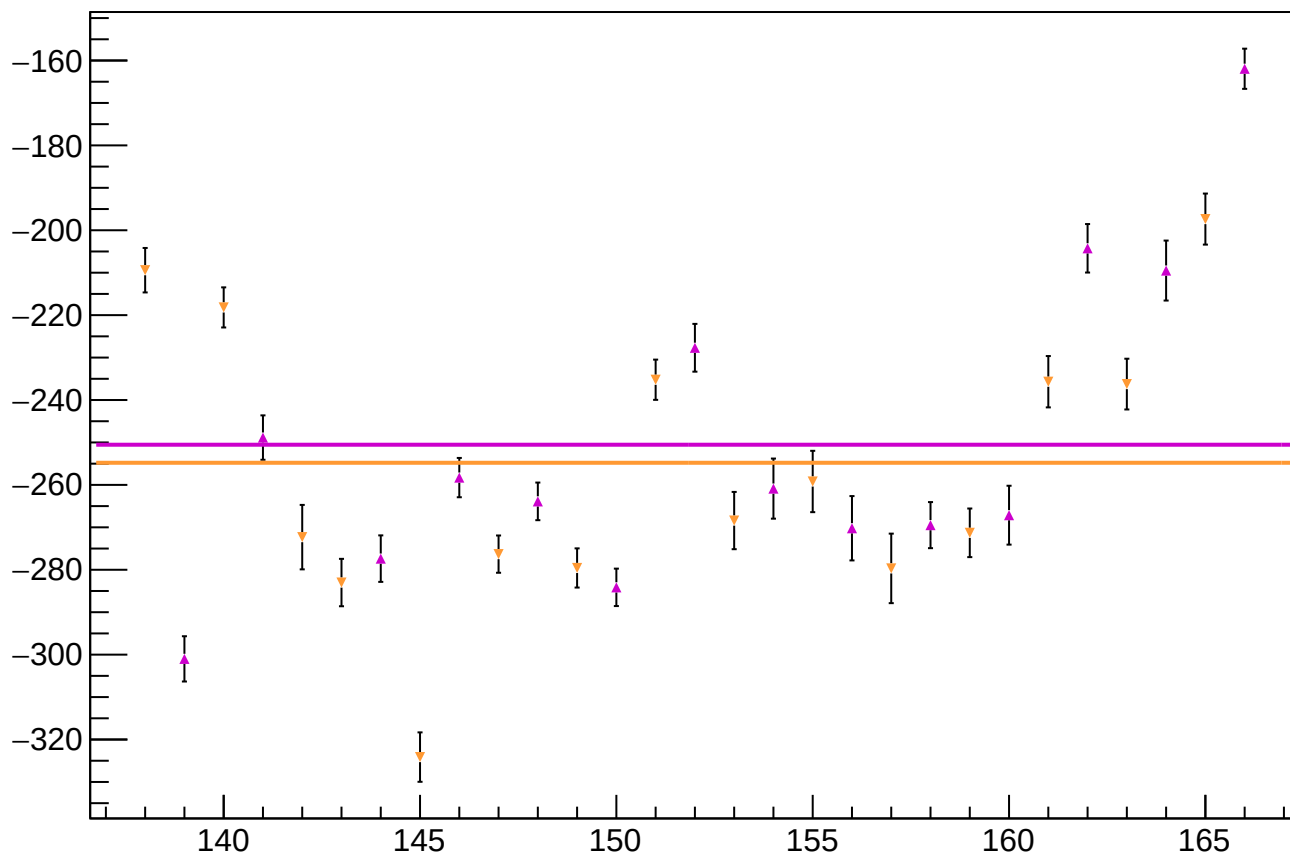
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 125.654 $\pm$ 0.044 χ^2 /NDF: 451632.9/30

Out: 110.521 $\pm$ 0.042 χ^2 /NDF: 1098210.0/32

All: 117.749 $\pm$ 0.030 χ^2 /NDF: 1612237.3/63

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: -254.788+/-1.454 χ^2/NDF :510.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.535+/-1.454 χ^2/NDF :676.2/13

Left: -252.662+/-1.028 χ^2/NDF : 1190.8/28

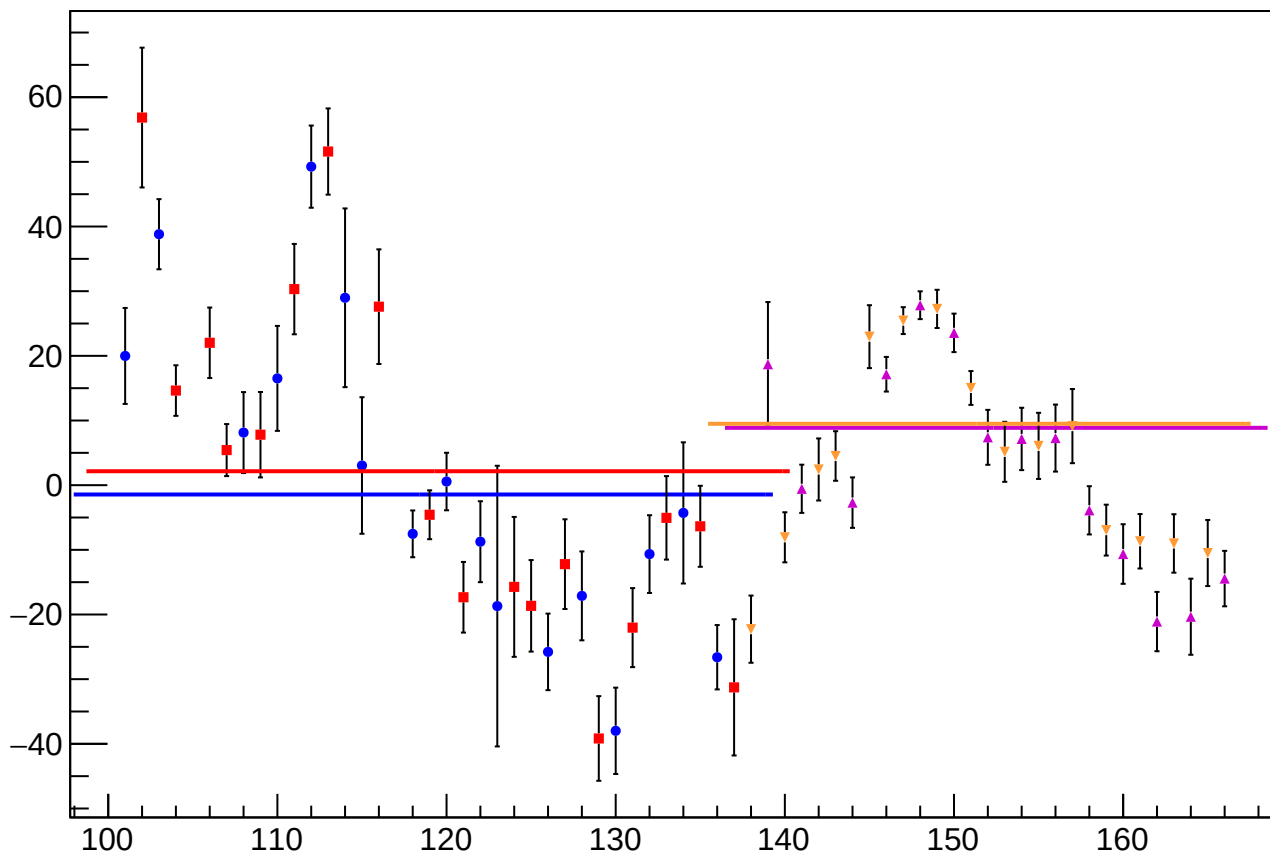
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.535+/-1.454 χ^2/NDF :676.2/13

Out: -254.788+/-1.454 χ^2/NDF :510.3/14

All: -252.662+/-1.028 χ^2/NDF : 1190.8/28

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 9.495 ± 0.966 $\chi^2/\text{NDF}: 238.3/14$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 8.869 ± 0.999 $\chi^2/\text{NDF}: 254.8/13$

Left: 9.192 ± 0.694 $\chi^2/\text{NDF}: 493.3/28$

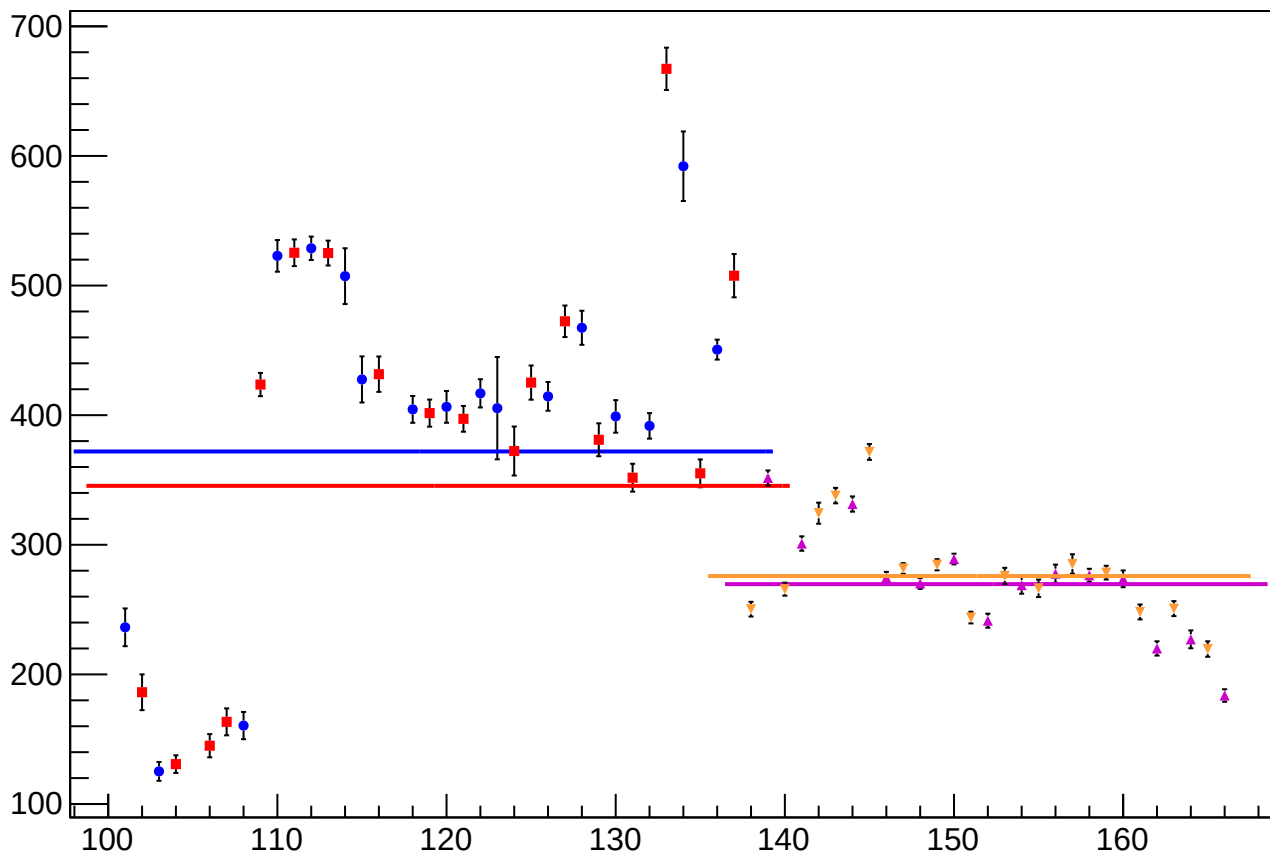
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 5.750 ± 0.834 $\chi^2/\text{NDF}: 511.5/30$

Out: 7.132 ± 0.795 $\chi^2/\text{NDF}: 487.1/32$

All: 6.474 ± 0.575 $\chi^2/\text{NDF}: 1000.0/63$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 $\chi^2/\text{NDF}: 2431.2/16$

Left Out: 275.863 ± 1.427 $\chi^2/\text{NDF}: 605.0/14$

Right Out: 345.473 ± 2.564 $\chi^2/\text{NDF}: 3401.6/17$

Left In: 269.658 ± 1.417 $\chi^2/\text{NDF}: 835.6/13$

Left: 272.740 ± 1.005 $\chi^2/\text{NDF}: 1450.1/28$

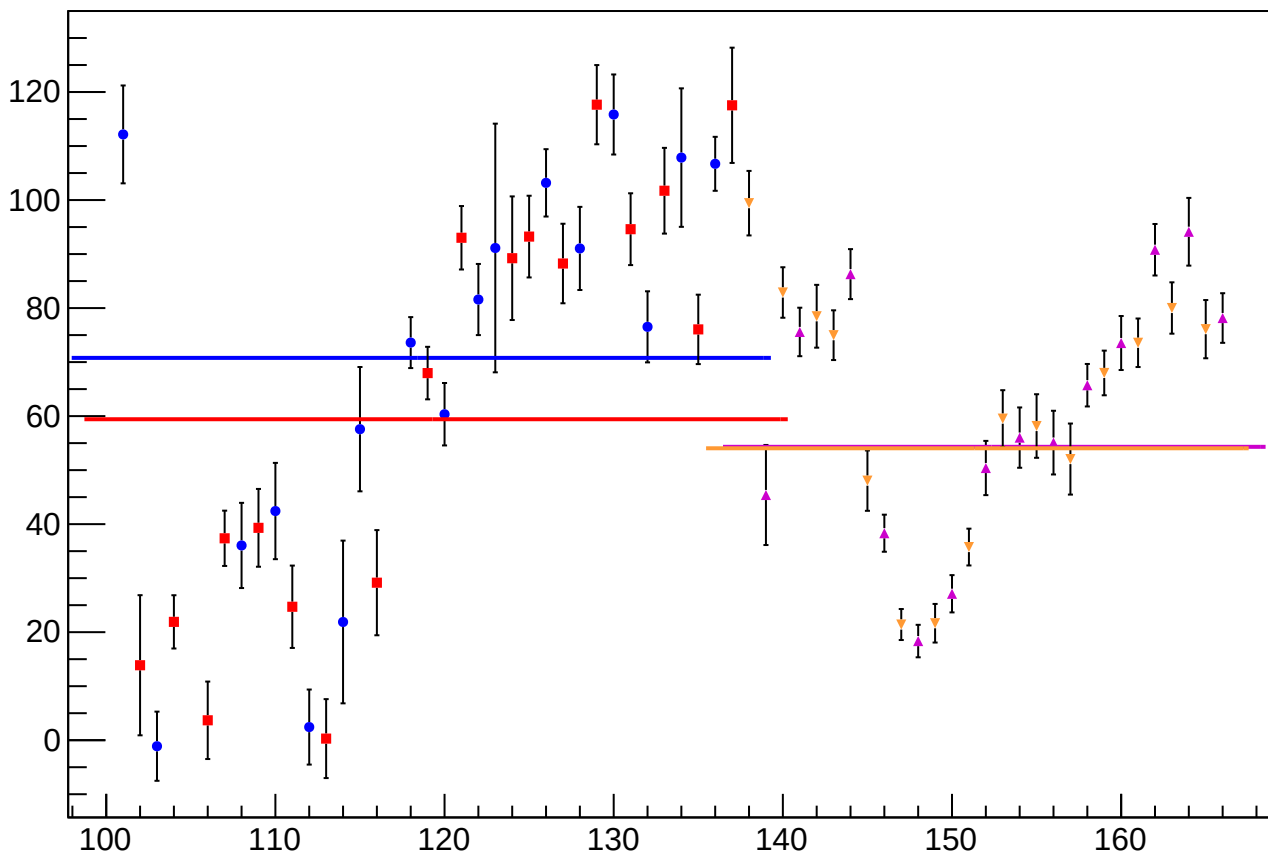
Right: 357.739 ± 1.880 $\chi^2/\text{NDF}: 5882.3/34$

In: 290.949 ± 1.261 $\chi^2/\text{NDF}: 4351.9/30$

Out: 292.314 ± 1.247 $\chi^2/\text{NDF}: 4569.3/32$

All: 291.639 ± 0.887 $\chi^2/\text{NDF}: 8921.9/63$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 54.044 $\pm$ 1.160 χ^2 /NDF:454.0/14

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 54.315 $\pm$ 1.187 χ^2 /NDF:447.7/13

Left: 54.176 $\pm$ 0.830 χ^2 /NDF: 901.8/28

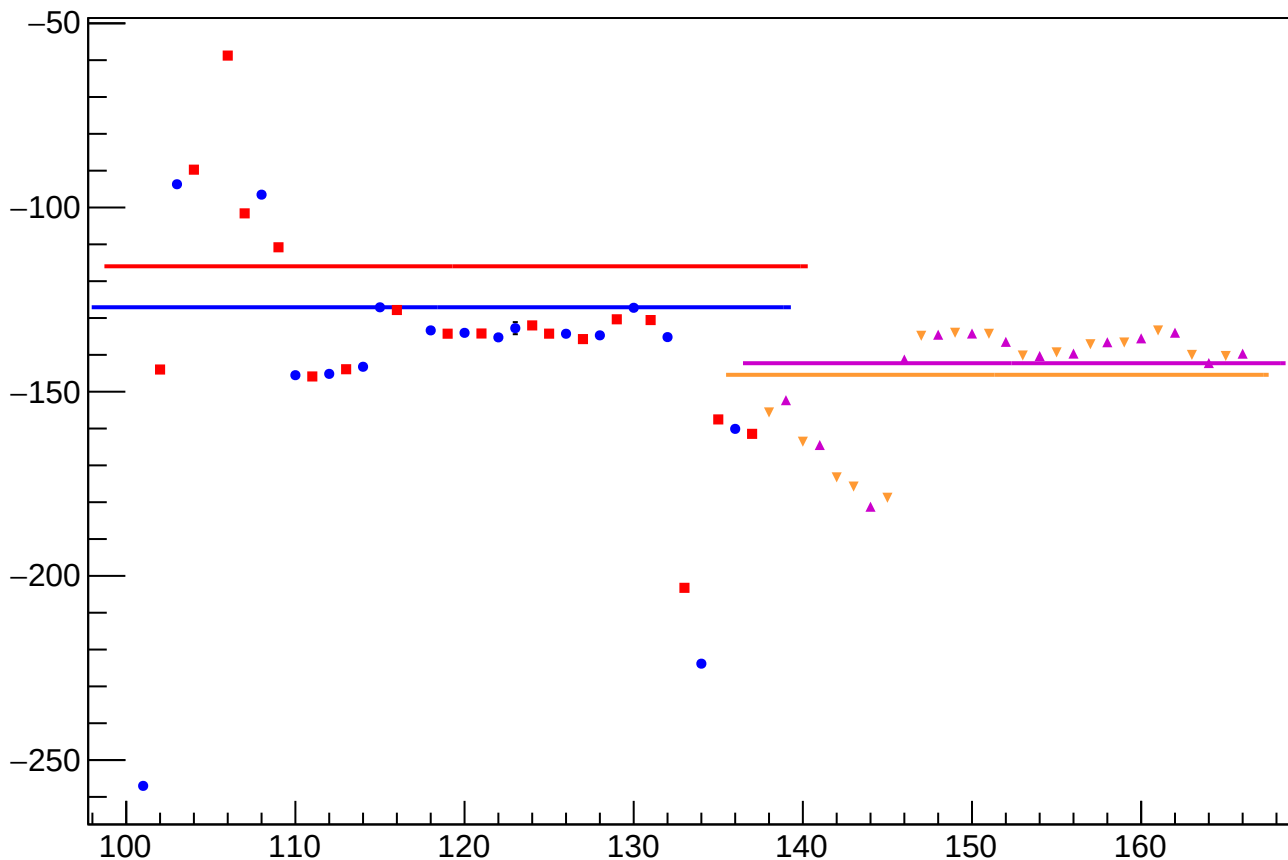
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.518 $\pm$ 0.982 χ^2 /NDF:932.5/30

Out: 55.849 $\pm$ 0.945 χ^2 /NDF:947.9/32

All: 57.614 $\pm$ 0.681 χ^2 /NDF: 1887.6/63

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: -145.416+/-0.057 χ^2/NDF : 69697.5/14

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -142.269+/-0.057 χ^2/NDF : 43611.4/13

Left: -143.829+/-0.040 χ^2/NDF : 114827.5/28

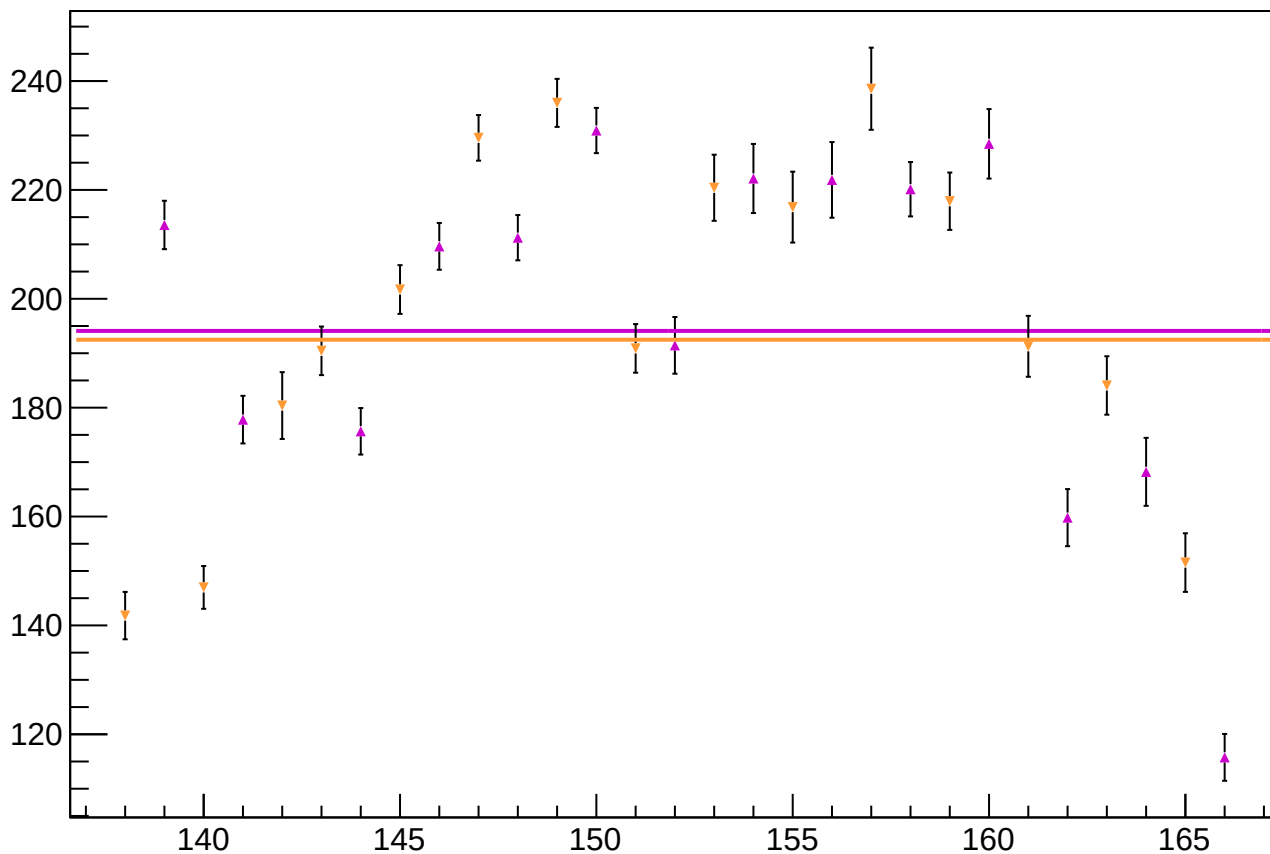
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.901+/-0.048 χ^2/NDF : 231160.0/30

Out: -135.901+/-0.047 χ^2/NDF : 313916.3/32

All: -136.884+/-0.034 χ^2/NDF : 545959.6/63

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: 192.479+/-1.282 χ^2/NDF :609.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.099+/-1.301 χ^2/NDF :643.5/13

Left: 193.277+/-0.913 χ^2/NDF : 1254.0/28

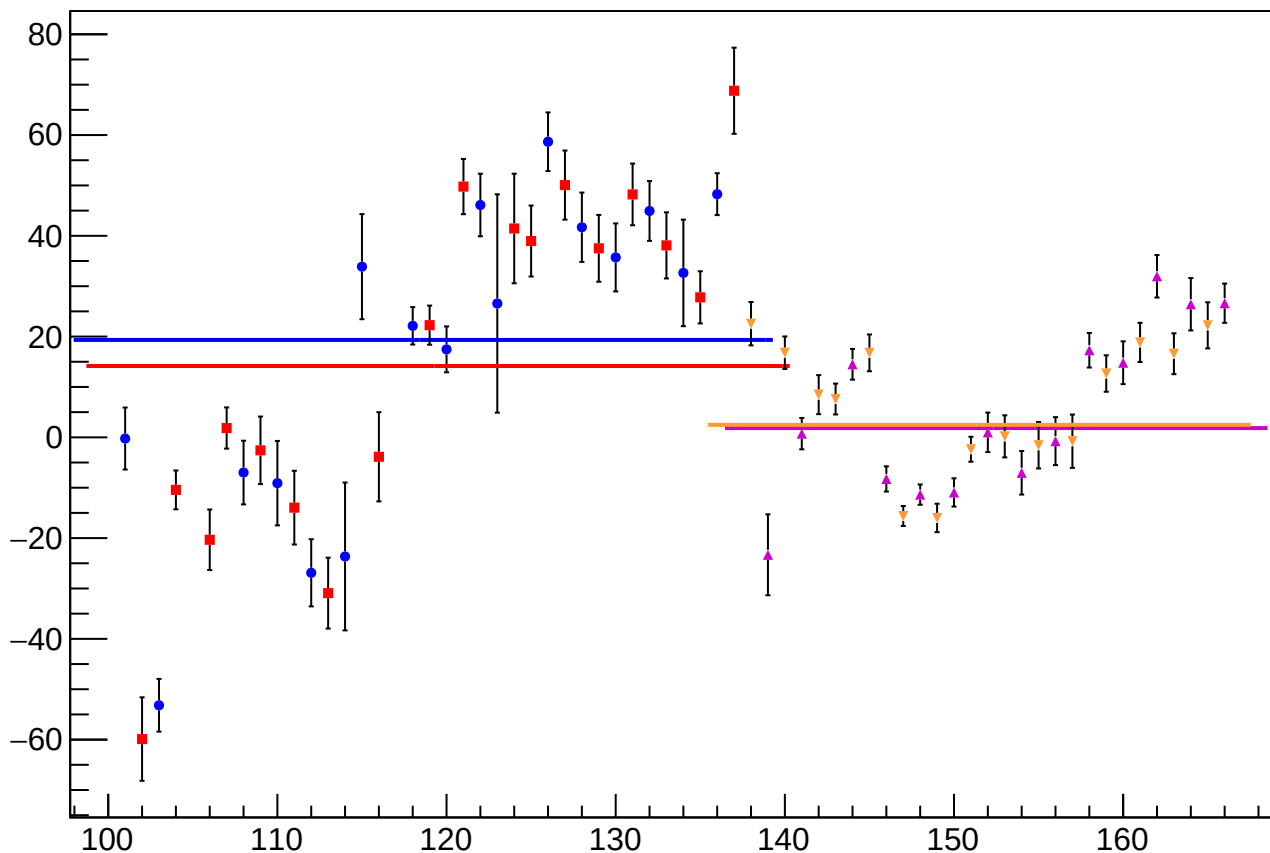
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.099+/-1.301 χ^2/NDF :643.5/13

Out: 192.479+/-1.282 χ^2/NDF :609.8/14

All: 193.277+/-0.913 χ^2/NDF : 1254.0/28

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 2.478 ± 0.867 χ^2/NDF : 249.5/14

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: 1.839 ± 0.905 χ^2/NDF : 255.1/13

Left: 2.172 ± 0.626 χ^2/NDF : 504.8/28

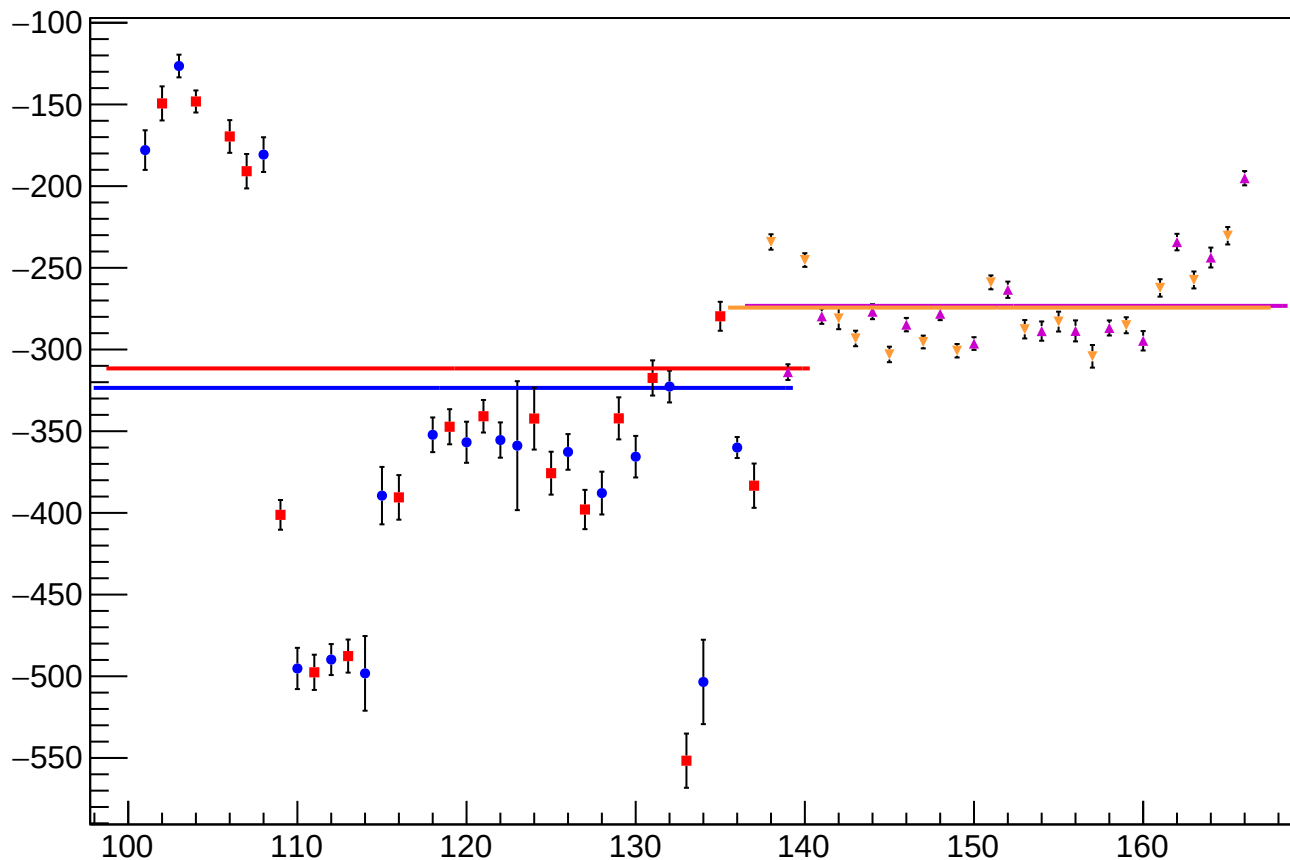
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 6.591 ± 0.773 χ^2/NDF : 796.5/30

Out: 5.745 ± 0.736 χ^2/NDF : 726.3/32

All: 6.147 ± 0.533 χ^2/NDF : 1523.4/63

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -274.345 $\pm$ 1.268 χ^2 /NDF:371.5/14

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -273.283 $\pm$ 1.275 χ^2 /NDF:557.8/13

Left: -273.817 $\pm$ 0.899 χ^2 /NDF: 929.6/28

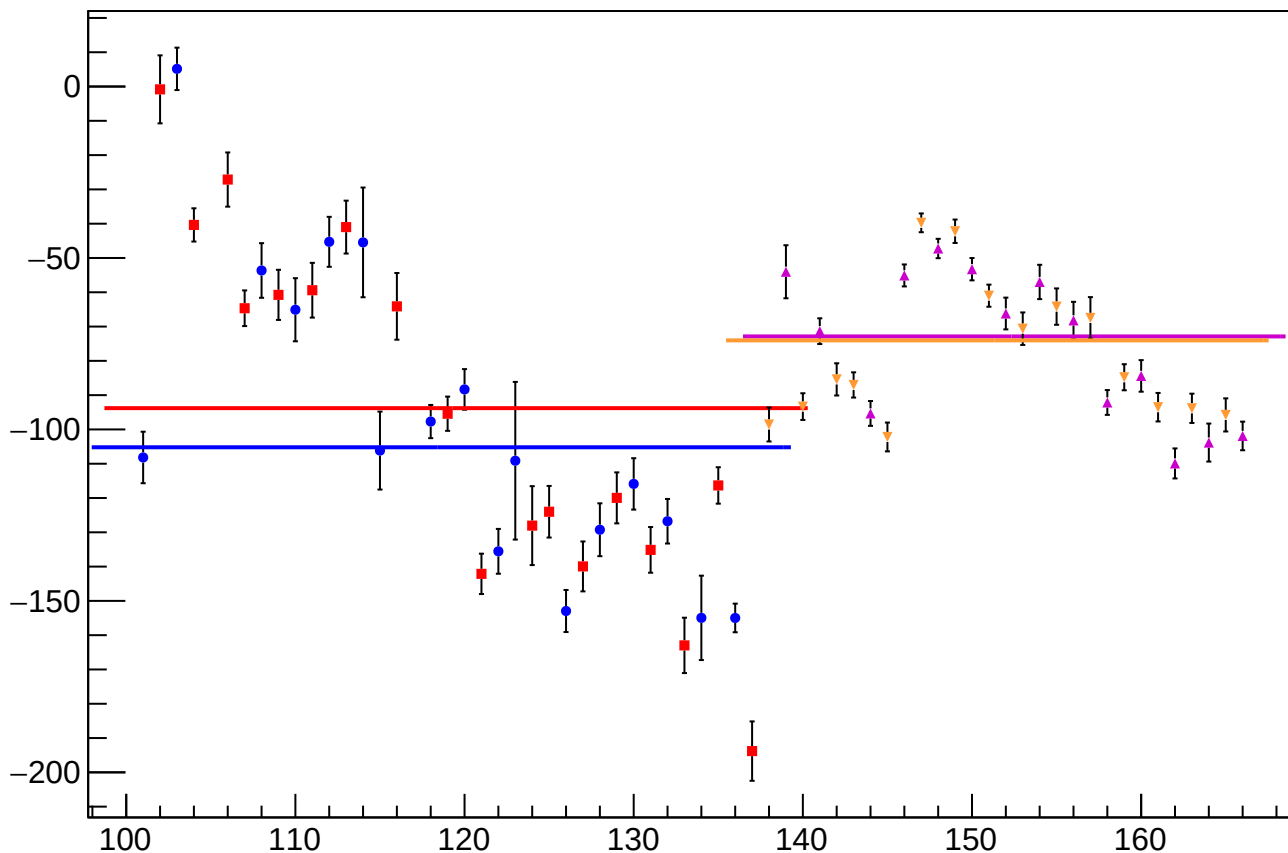
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -282.590 $\pm$ 1.151 χ^2 /NDF:2692.8/30

Out: -281.836 $\pm$ 1.134 χ^2 /NDF:2788.7/32

All: -282.207 $\pm$ 0.808 χ^2 /NDF: 5481.7/63

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: -74.028 ± 1.037 χ^2/NDF : 449.4/14

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -72.879 ± 1.073 χ^2/NDF : 393.0/13

Left: -73.473 ± 0.746 χ^2/NDF : 843.0/28

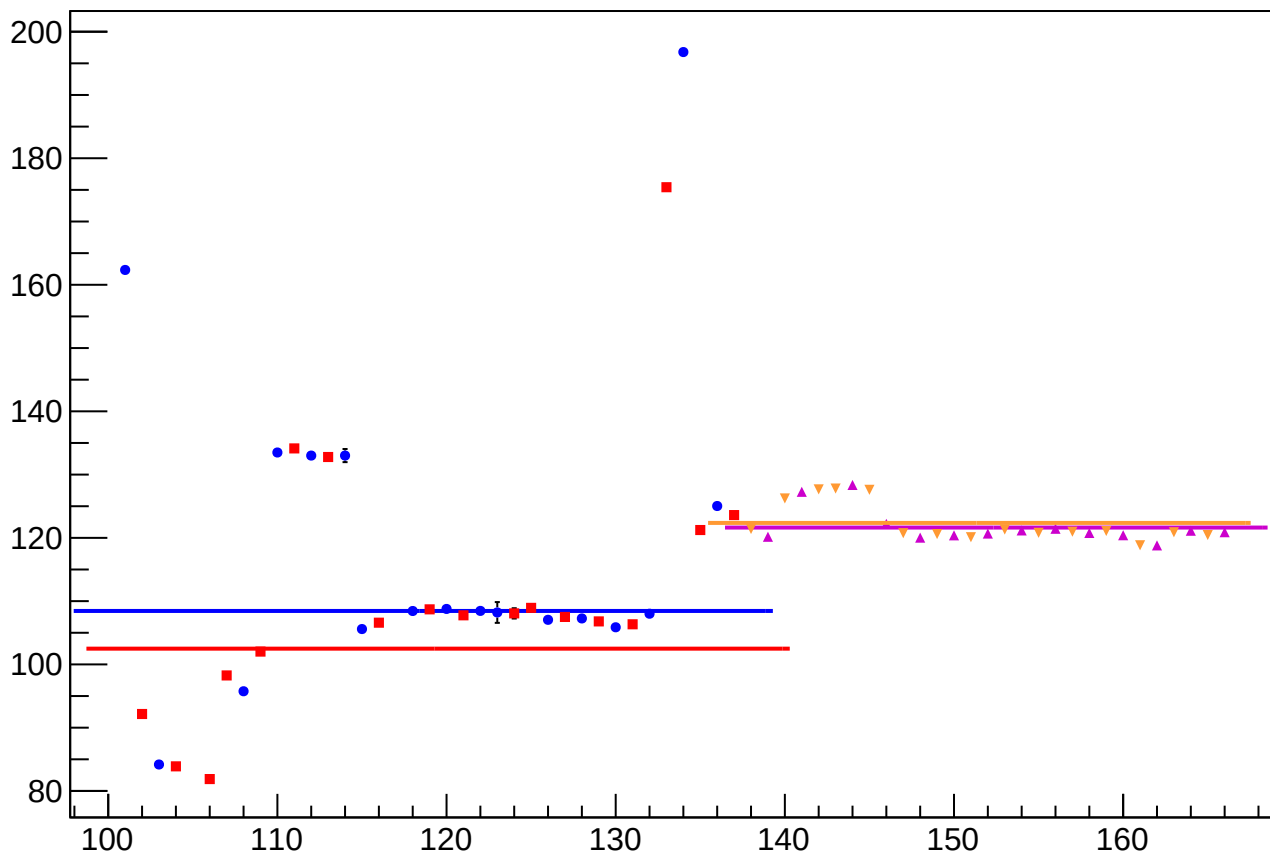
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.117 ± 0.907 χ^2/NDF : 1387.8/30

Out: -79.816 ± 0.872 χ^2/NDF : 1371.2/32

All: -80.921 ± 0.629 χ^2/NDF : 2762.4/63

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.363 $\pm$ 0.051 χ^2 /NDF:3406.1/14

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.628 $\pm$ 0.051 χ^2 /NDF:2572.8/13

Left: 121.997 $\pm$ 0.036 χ^2 /NDF: 6082.8/28

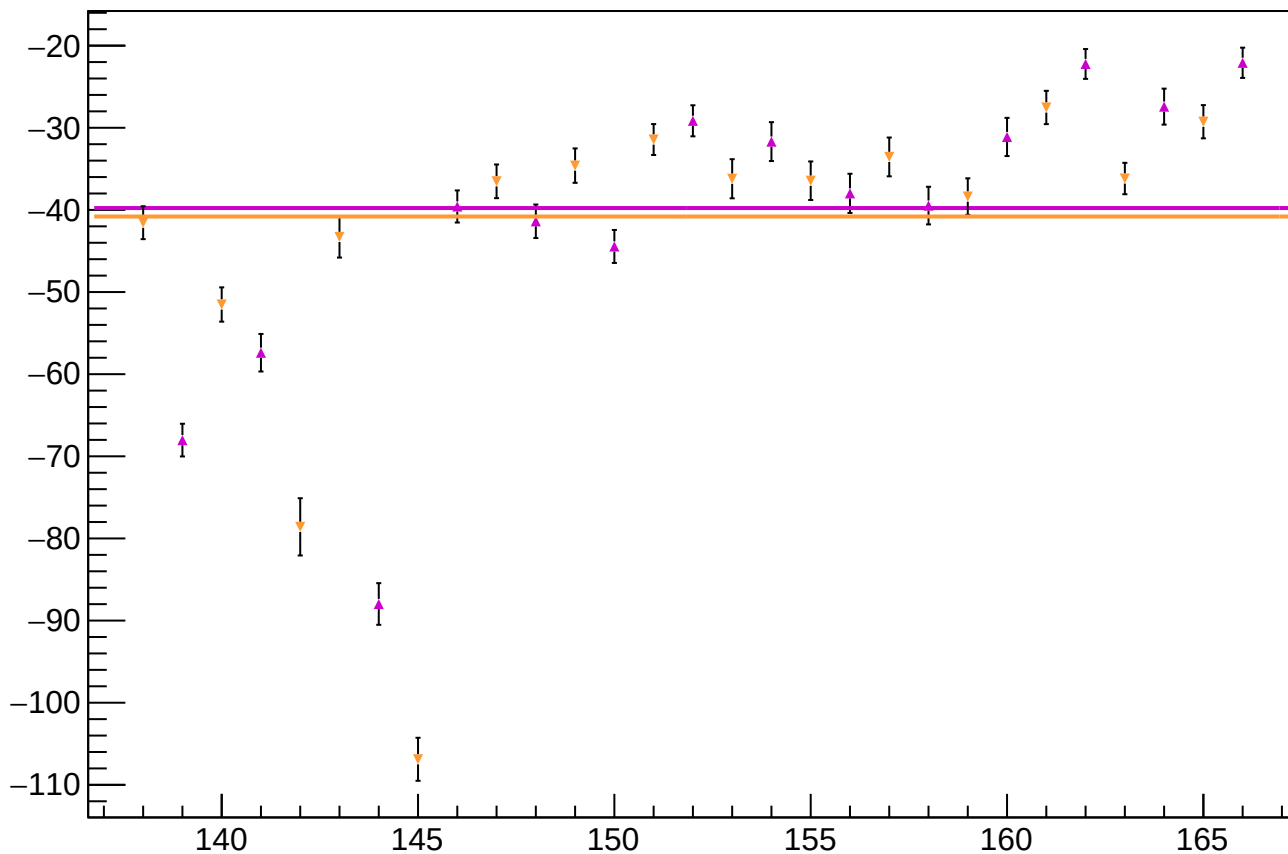
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.115 $\pm$ 0.044 χ^2 /NDF:93558.9/30

Out: 116.599 $\pm$ 0.043 χ^2 /NDF:100566.5/32

All: 117.341 $\pm$ 0.031 χ^2 /NDF: 194737.7/63

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



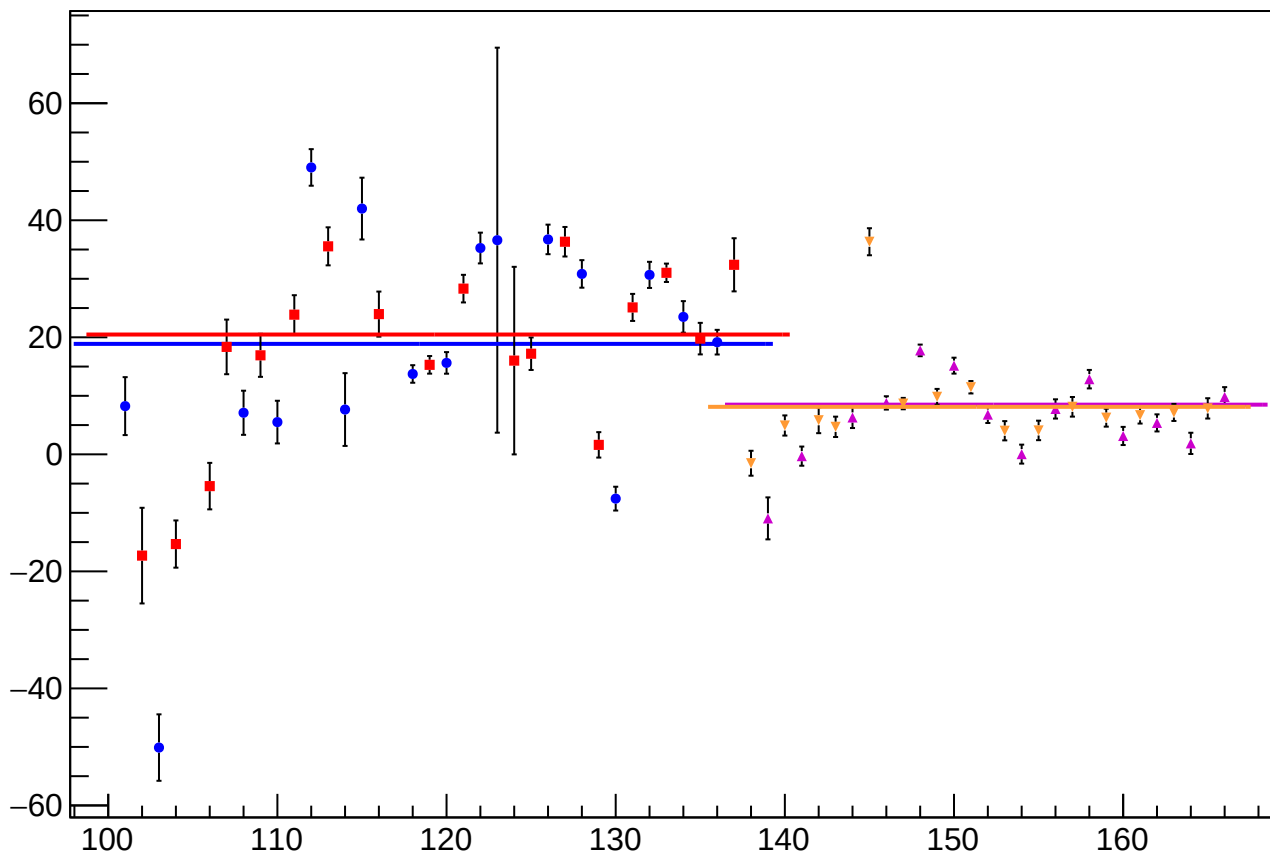
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.803+/-0.567 χ^2/NDF :918.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -39.773+/-0.562 χ^2/NDF :903.4/13

Left: -40.283+/-0.399 χ^2/NDF : 1823.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.773+/-0.562 χ^2/NDF :903.4/13
 Out: -40.803+/-0.567 χ^2/NDF :918.7/14

All: -40.283+/-0.399 χ^2/NDF : 1823.7/28

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.117 $\pm$ 0.390 χ^2 /NDF:204.7/14

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 8.489 $\pm$ 0.400 χ^2 /NDF:237.8/13

Left: 8.299 $\pm$ 0.279 χ^2 /NDF: 442.9/28

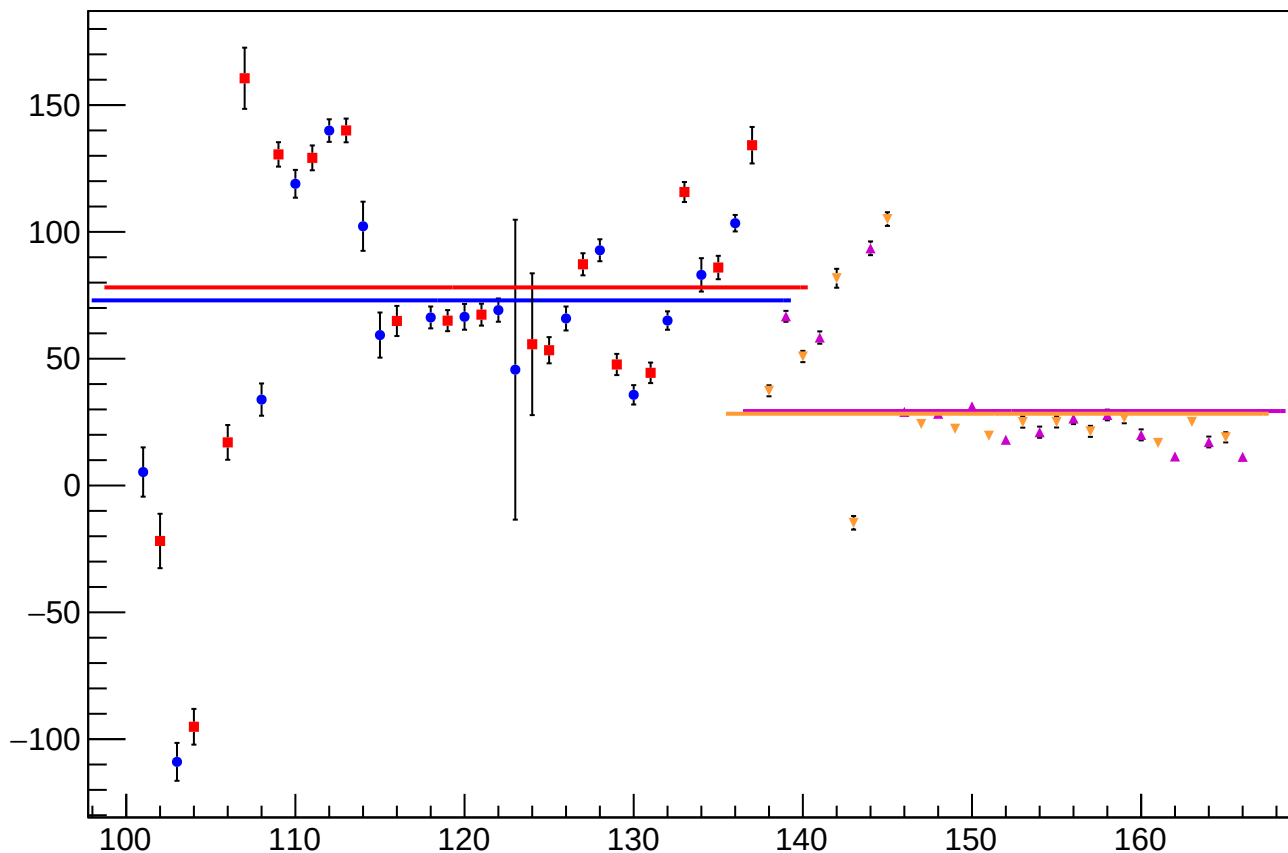
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 11.373 $\pm$ 0.340 χ^2 /NDF:1046.0/30

Out: 11.439 $\pm$ 0.334 χ^2 /NDF:836.7/32

All: 11.406 $\pm$ 0.238 χ^2 /NDF: 1882.7/63

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: 28.304 $\pm$ 0.553 χ^2 /NDF:1500.6/14

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 29.365 $\pm$ 0.547 χ^2 /NDF:1308.8/13

Left: 28.841 $\pm$ 0.389 χ^2 /NDF: 2811.3/28

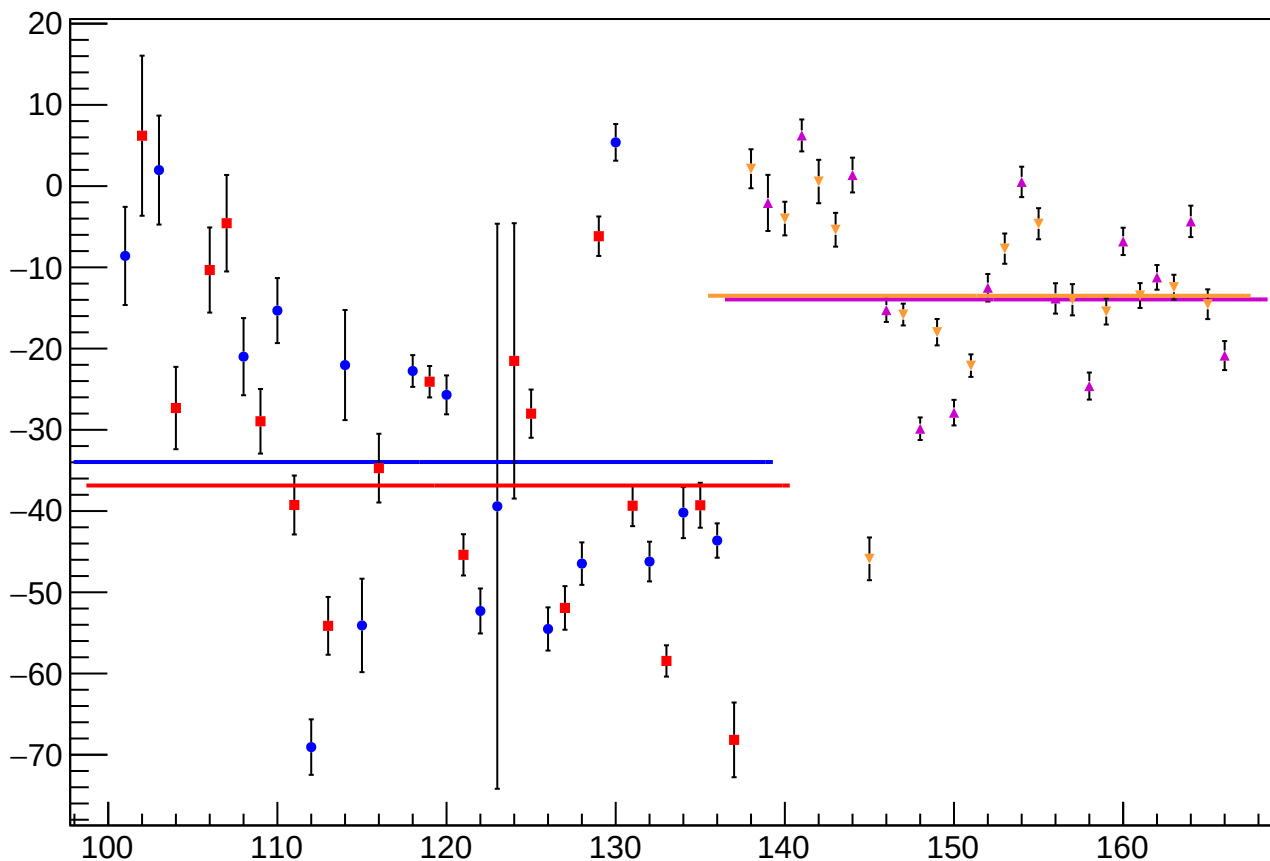
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 36.558 $\pm$ 0.499 χ^2 /NDF:3564.9/30

Out: 36.748 $\pm$ 0.504 χ^2 /NDF:4423.3/32

All: 36.652 $\pm$ 0.355 χ^2 /NDF: 7988.3/63

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.495 ± 0.459 χ^2/NDF : 340.4/14

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -13.950 ± 0.466 χ^2/NDF : 541.2/13

Left: -13.719 ± 0.327 χ^2/NDF : 882.1/28

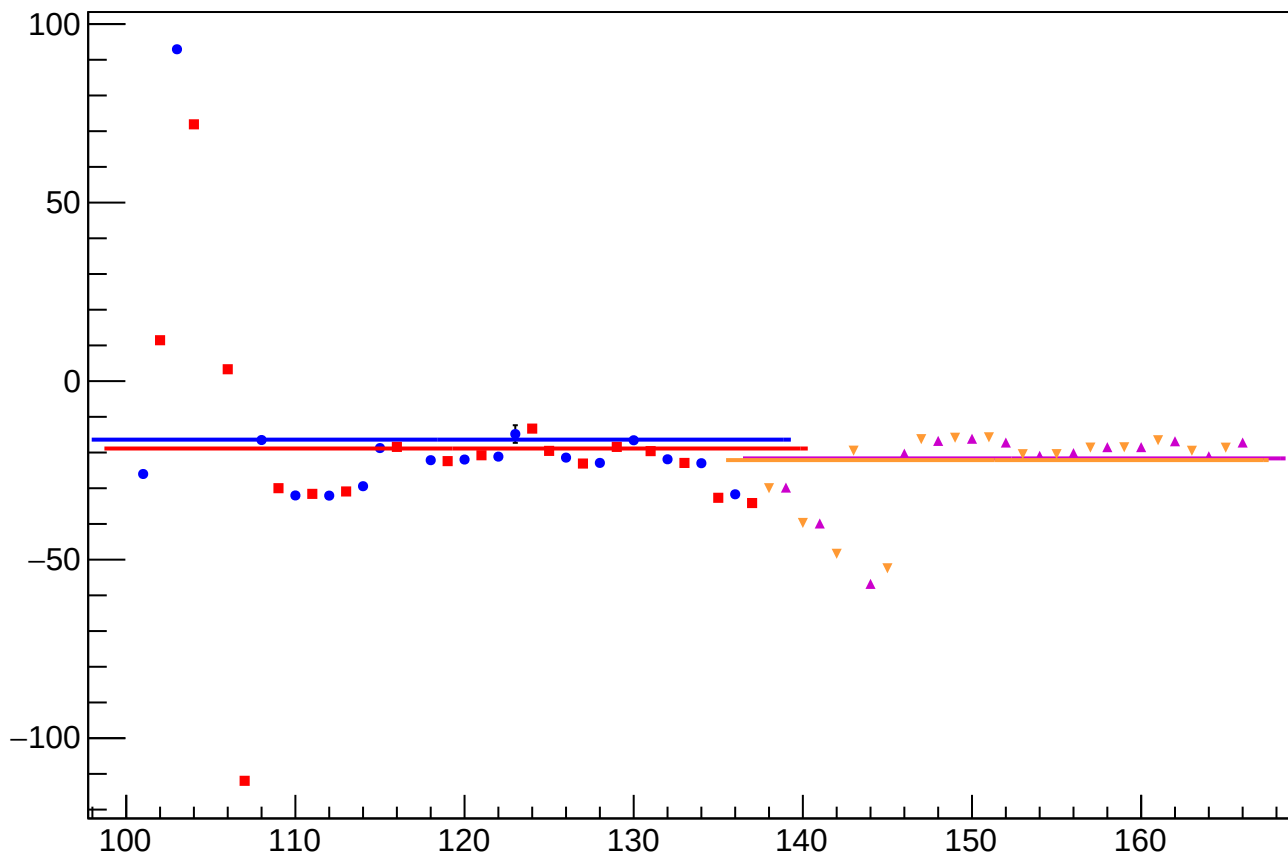
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -19.665 ± 0.394 χ^2/NDF : 1789.3/30

Out: -20.024 ± 0.390 χ^2/NDF : 1599.7/32

All: -19.847 ± 0.277 χ^2/NDF : 3389.4/63

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -22.119 ± 0.022 $\chi^2/\text{NDF}: 183986.7/14$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.642 ± 0.022 $\chi^2/\text{NDF}: 157355.3/13$

Left: -21.879 ± 0.015 $\chi^2/\text{NDF}: 341584.9/28$

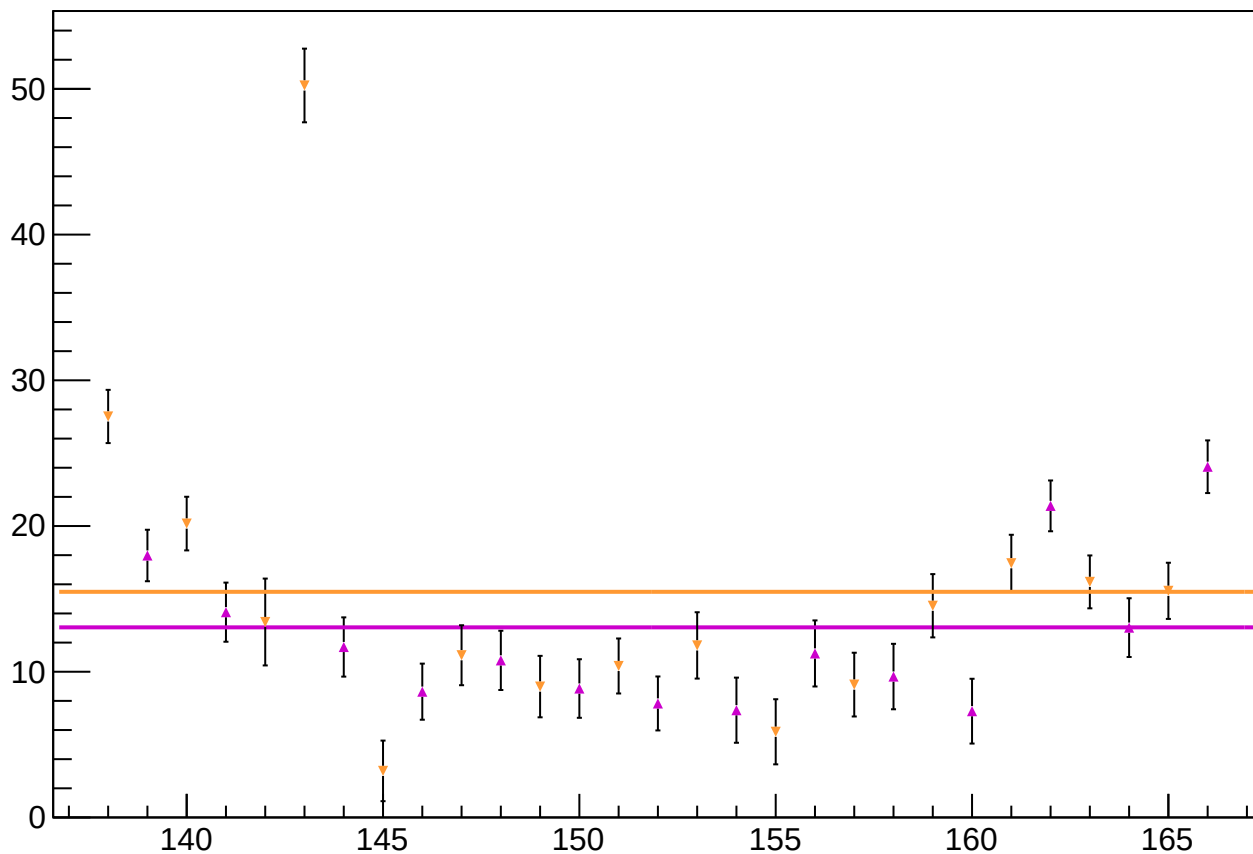
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.640 ± 0.019 $\chi^2/\text{NDF}: 642958.8/30$

Out: -21.512 ± 0.020 $\chi^2/\text{NDF}: 621533.8/32$

All: -21.072 ± 0.014 $\chi^2/\text{NDF}: 1265492.0/63$

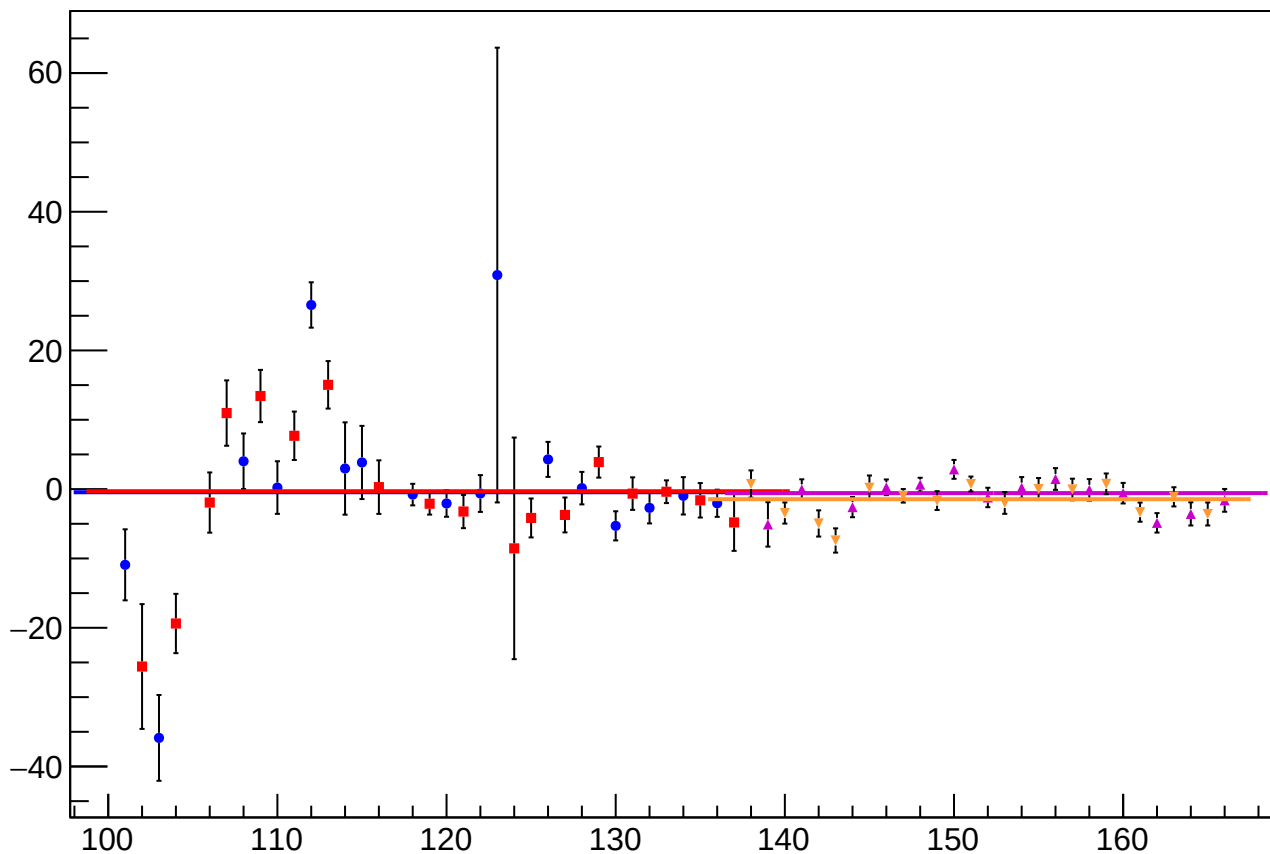
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.485 ± 0.536 $\chi^2/\text{NDF}: 326.4/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 13.046 ± 0.532 $\chi^2/\text{NDF}: 103.4/13$

Left: 14.258 ± 0.377 $\chi^2/\text{NDF}: 440.3/28$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 13.046 ± 0.532 $\chi^2/\text{NDF}: 103.4/13$
 Out: 15.485 ± 0.536 $\chi^2/\text{NDF}: 326.4/14$
 All: 14.258 ± 0.377 $\chi^2/\text{NDF}: 440.3/28$

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: -1.456 ± 0.374 χ^2/NDF : 30.8/14

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.576 ± 0.382 χ^2/NDF : 27.7/13

Left: -1.026 ± 0.267 χ^2/NDF : 61.2/28

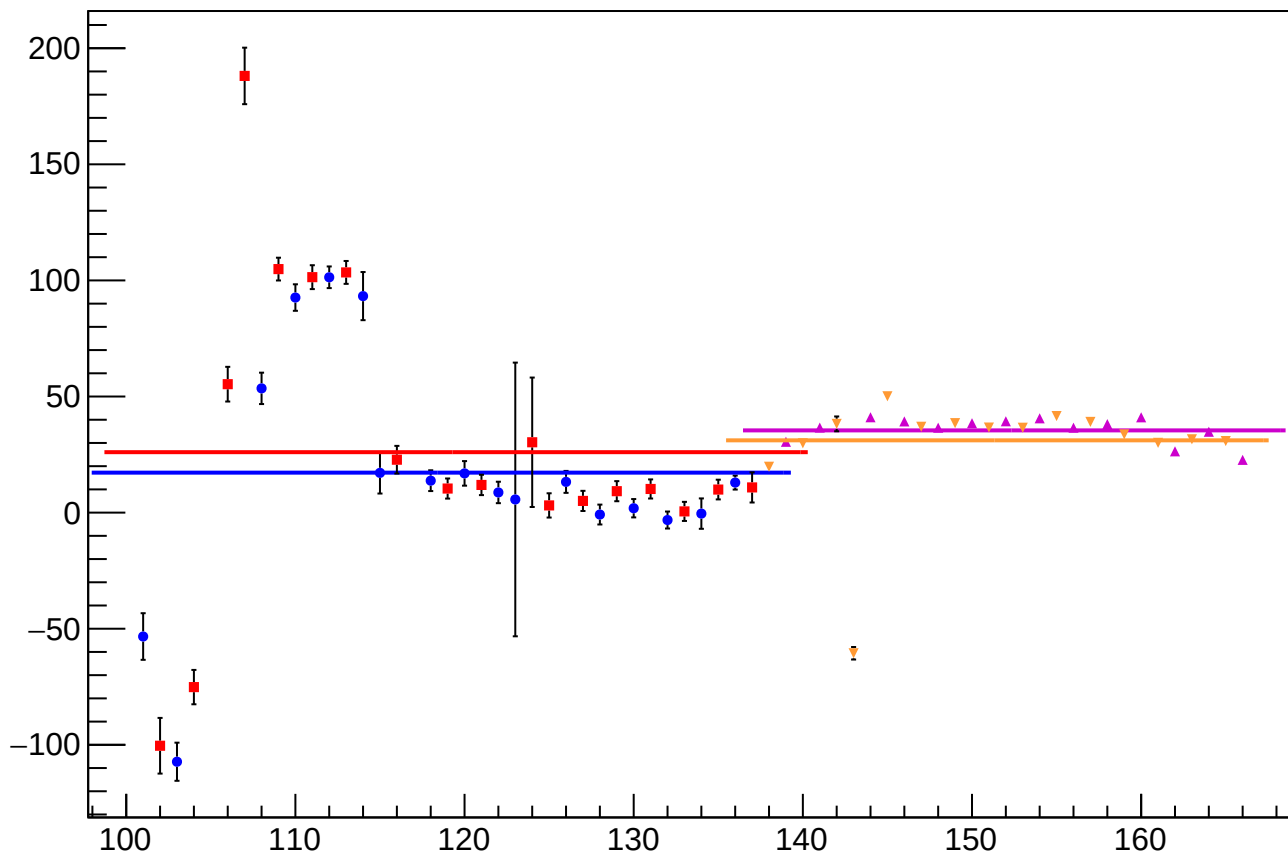
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.544 ± 0.330 χ^2/NDF : 147.2/30

Out: -1.175 ± 0.325 χ^2/NDF : 117.2/32

All: -0.864 ± 0.232 χ^2/NDF : 266.3/63

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 31.130+/-0.525 χ^2/NDF :1352.5/14

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 35.414+/-0.520 χ^2/NDF :118.3/13

Left: 33.294+/-0.369 χ^2/NDF : 1504.4/28

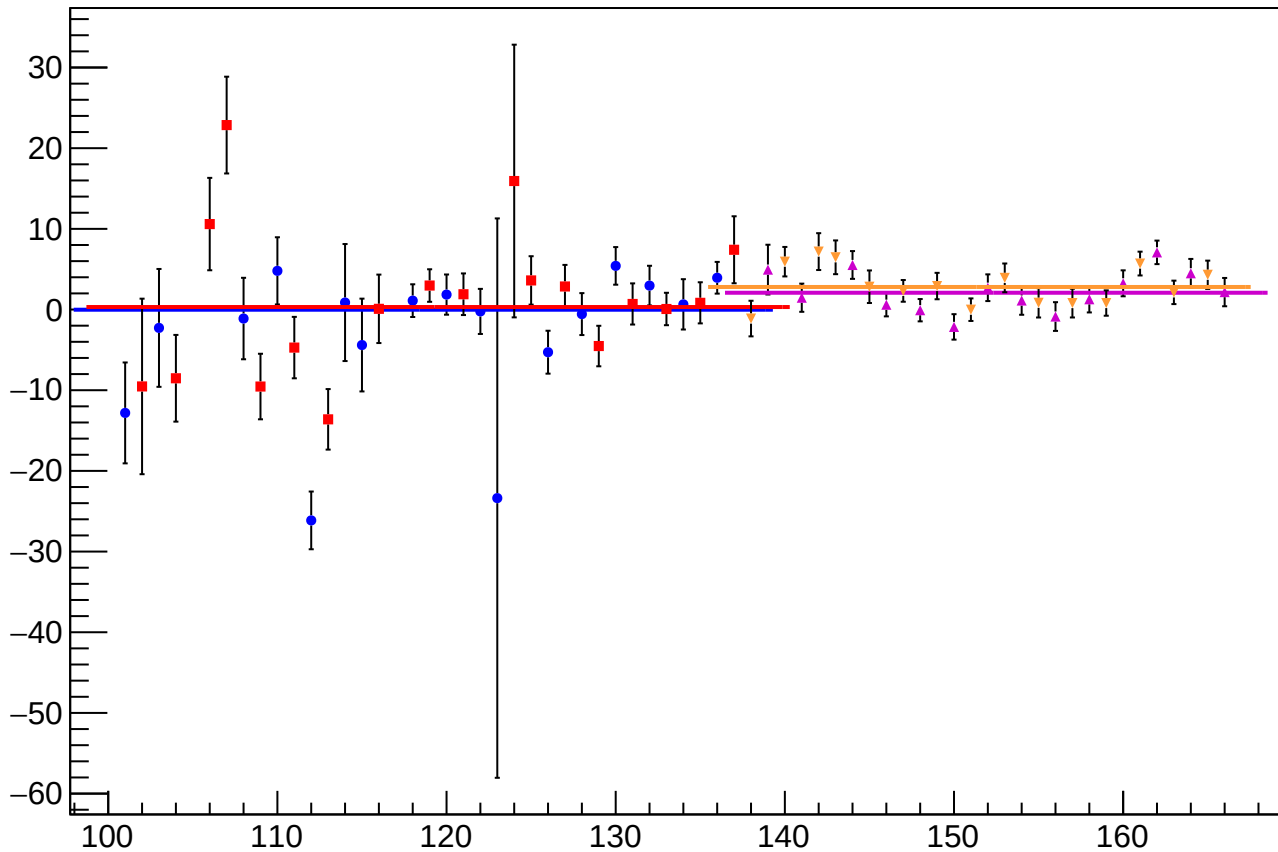
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 32.701+/-0.479 χ^2/NDF :1241.4/30

Out: 30.359+/-0.484 χ^2/NDF :2732.7/32

All: 31.541+/-0.340 χ^2/NDF : 3985.9/63

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: 2.797 ± 0.438 χ^2/NDF : 26.3/14

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.081 ± 0.445 χ^2/NDF : 33.3/13

Left: 2.444 ± 0.312 χ^2/NDF : 60.9/28

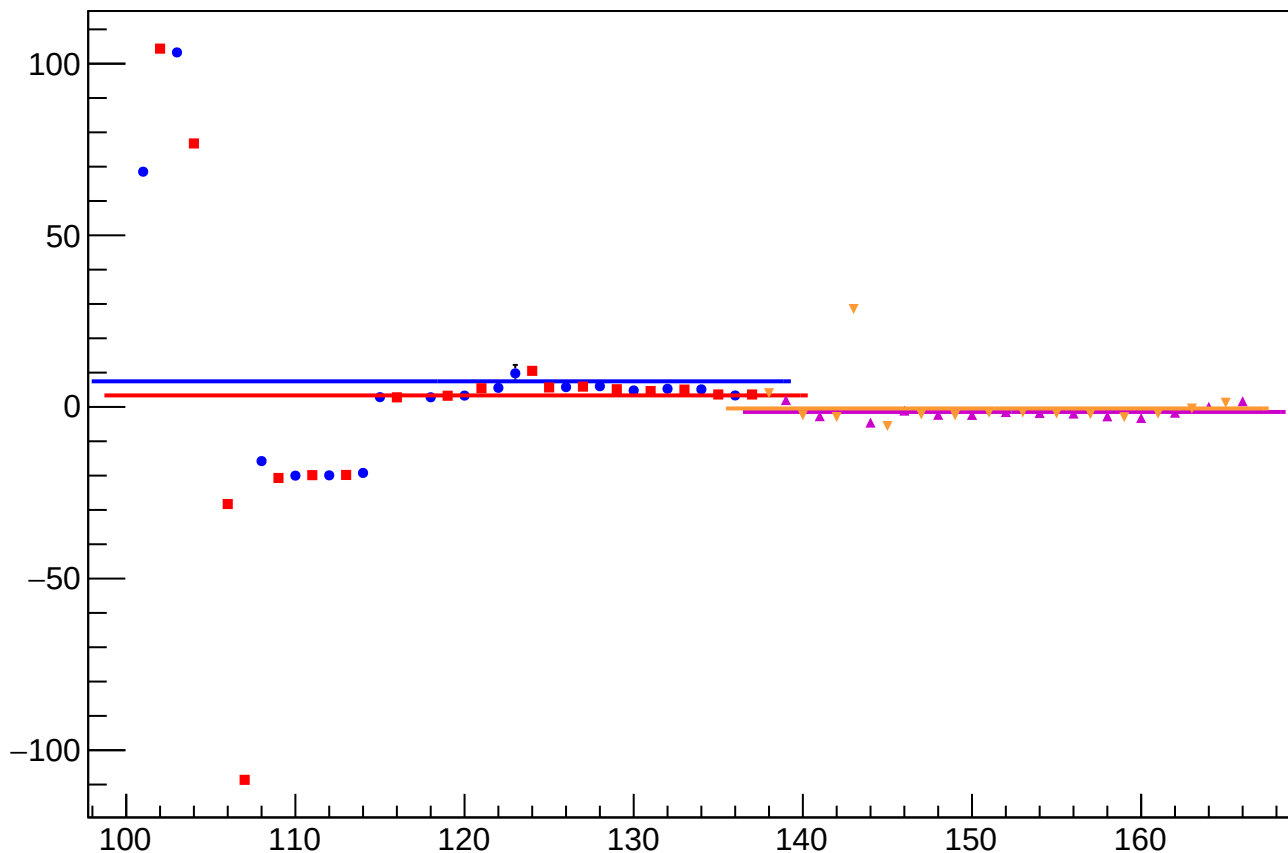
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.528 ± 0.382 χ^2/NDF : 115.0/30

Out: 2.163 ± 0.378 χ^2/NDF : 88.6/32

All: 1.849 ± 0.269 χ^2/NDF : 205.0/63

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.439 $\pm$ 0.021 χ^2 /NDF: 83989.1/14

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.456 $\pm$ 0.020 χ^2 /NDF: 6857.1/13

Left: -0.950 $\pm$ 0.015 χ^2 /NDF: 92075.0/28

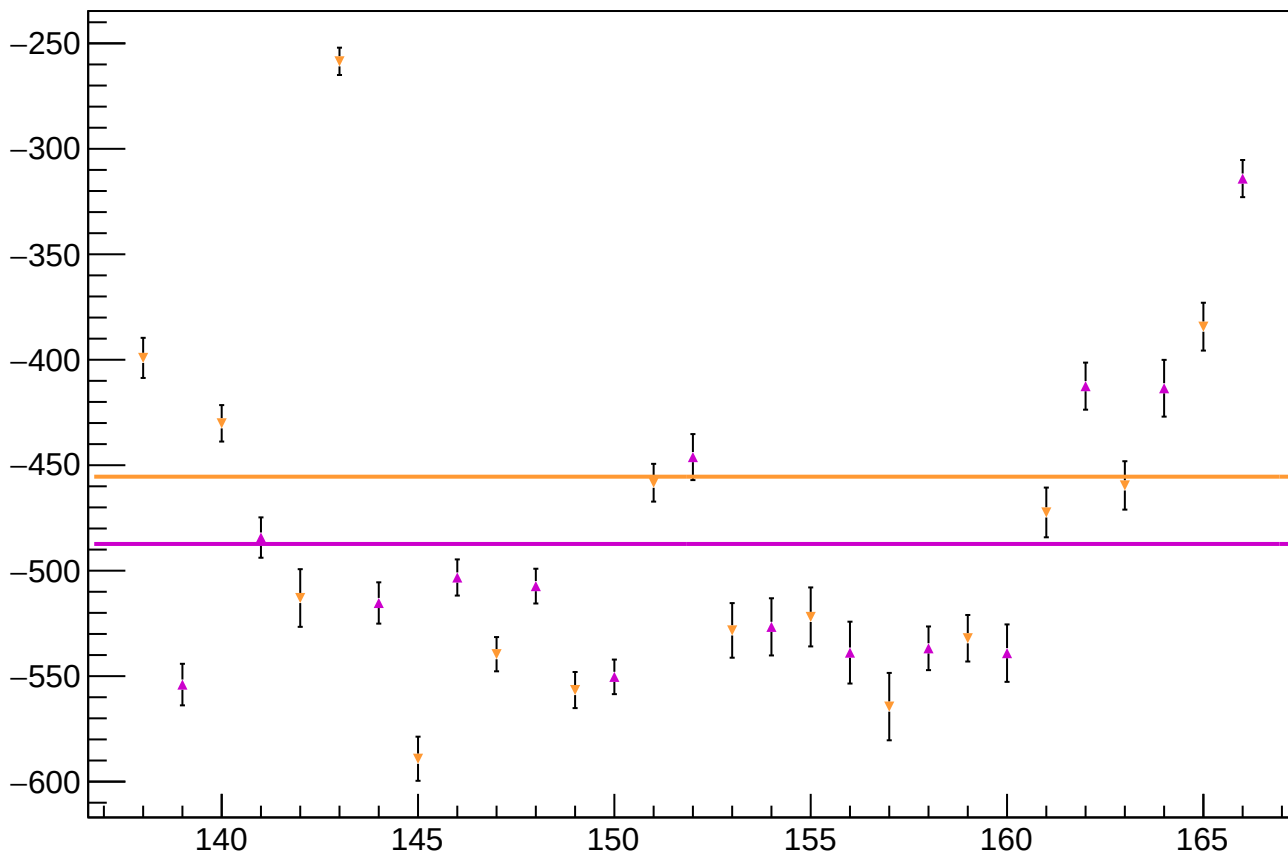
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.104 $\pm$ 0.019 χ^2 /NDF: 395969.8/30

Out: 0.204 $\pm$ 0.019 χ^2 /NDF: 594574.0/32

All: 0.154 $\pm$ 0.013 χ^2 /NDF: 990558.0/63

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: -455.435+/-2.583 χ^2/NDF :1586.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -487.330+/-2.726 χ^2/NDF :656.9/13

Left: -470.525+/-1.875 χ^2/NDF : 2315.8/28

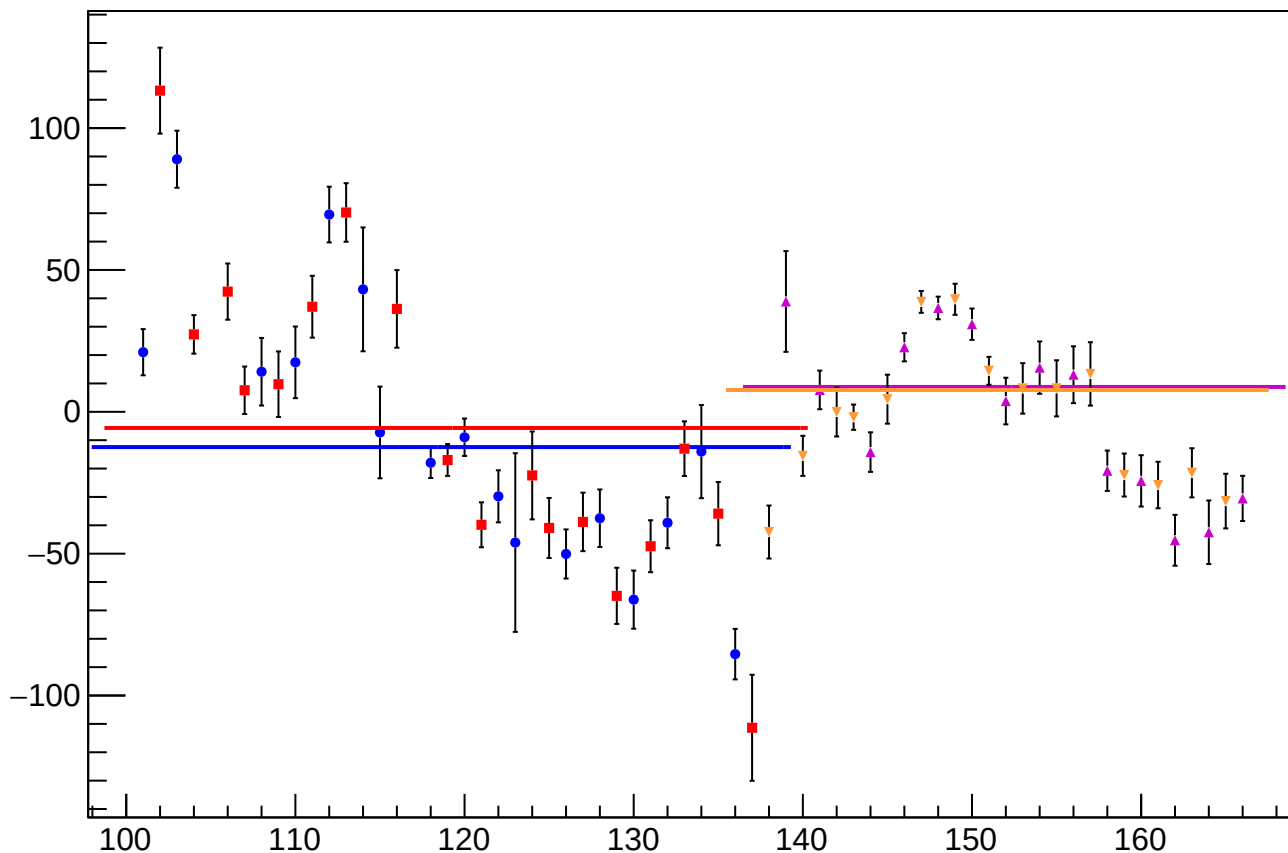
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -487.330+/-2.726 χ^2/NDF :656.9/13

Out: -455.435+/-2.583 χ^2/NDF :1586.9/14

All: -470.525+/-1.875 χ^2/NDF : 2315.8/28

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 7.695 $\pm$ 1.720 χ^2/NDF :206.8/14

Right Out: -5.686 $\pm$ 2.263 χ^2/NDF : 333.7/17

Left In: 8.762 $\pm$ 1.870 χ^2/NDF :199.7/13

Left: 8.184 $\pm$ 1.266 χ^2/NDF : 406.6/28

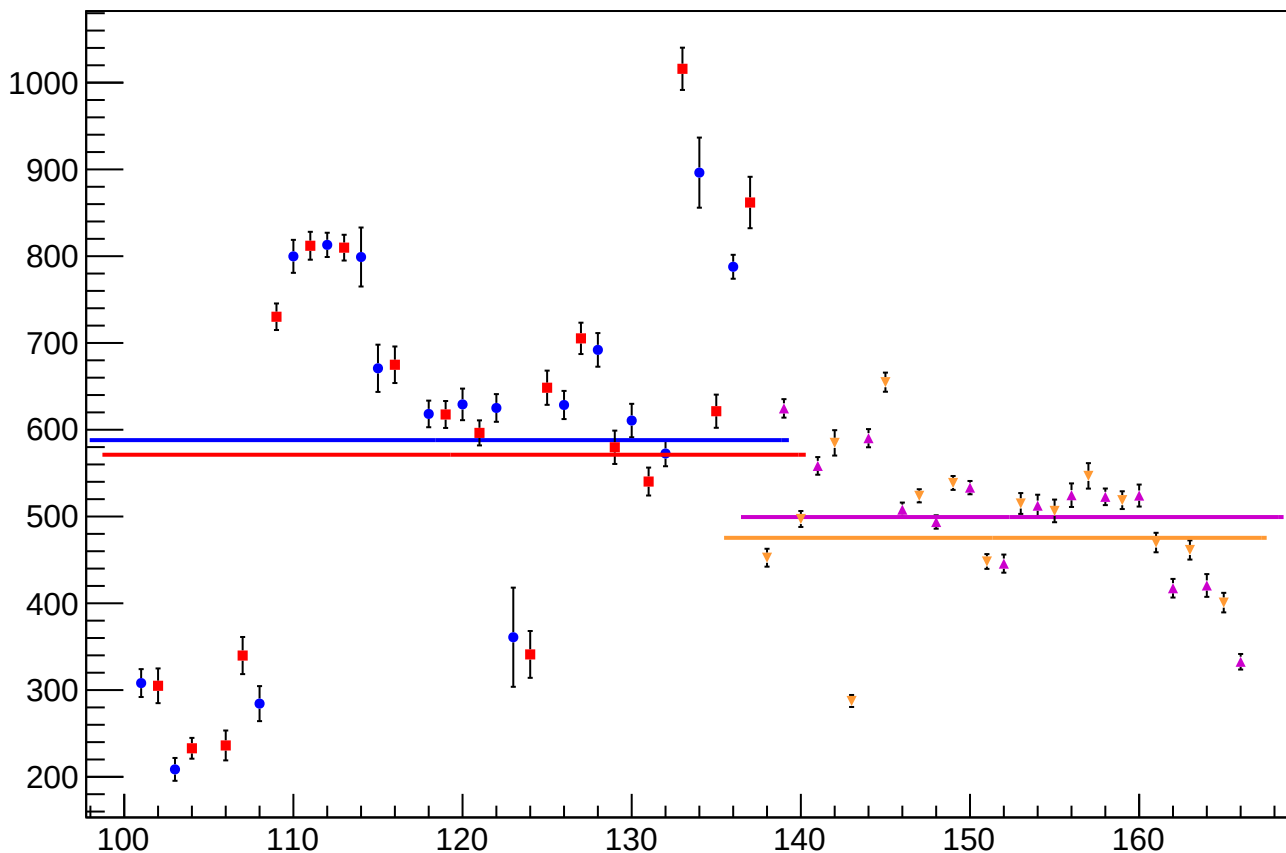
Right: -8.982 $\pm$ 1.618 χ^2/NDF : 678.2/34

In: 0.393 $\pm$ 1.455 χ^2/NDF :590.6/30

Out: 2.796 $\pm$ 1.369 χ^2/NDF :562.6/32

All: 1.667 $\pm$ 0.997 χ^2/NDF : 1154.7/63

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: 475.438 $\pm$ 2.558 χ^2/NDF :1289.5/14

Right Out: 571.196 $\pm$ 4.151 χ^2/NDF : 2680.4/17

Left In: 499.392 $\pm$ 2.661 χ^2/NDF :748.8/13

Left: 486.944 $\pm$ 1.844 χ^2/NDF : 2080.5/28

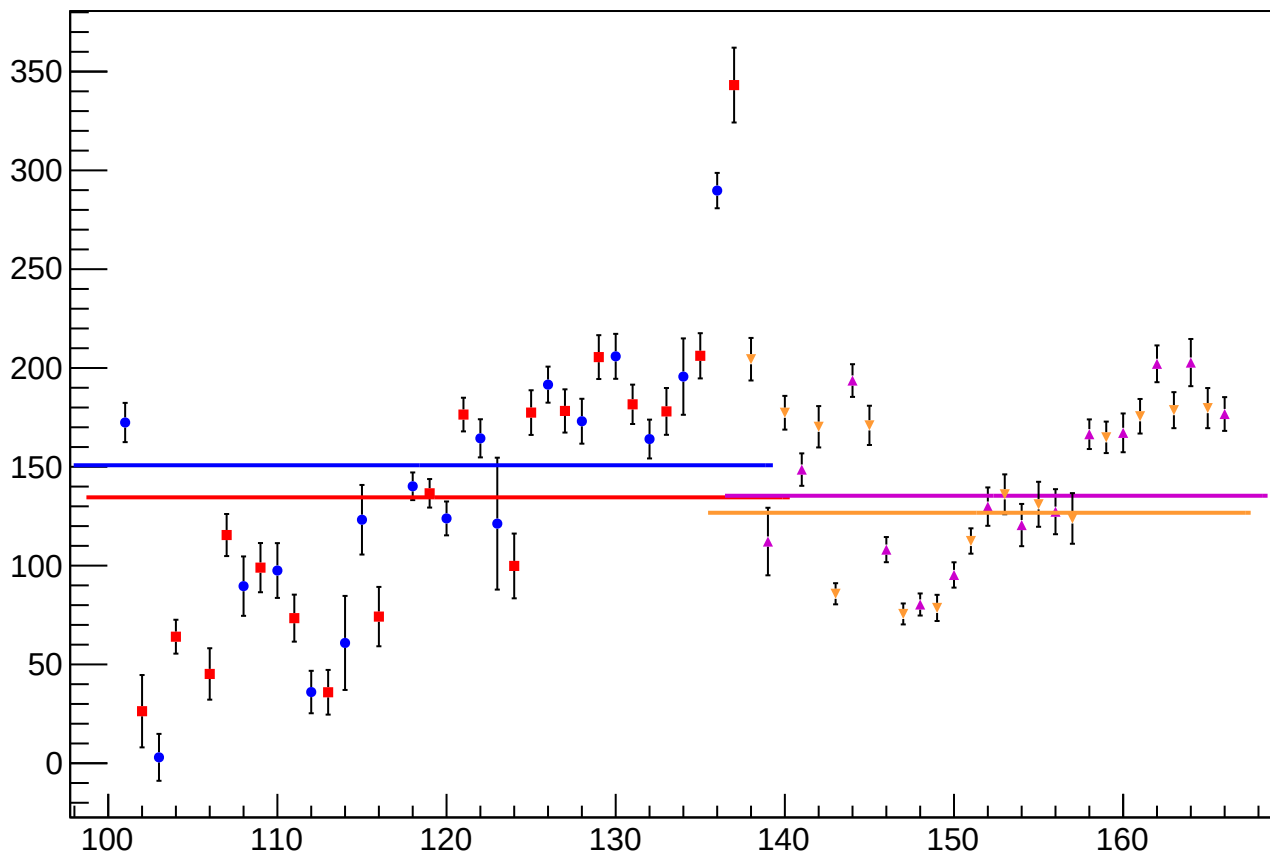
Right: 579.261 $\pm$ 2.996 χ^2/NDF : 4816.0/34

In: 523.699 $\pm$ 2.267 χ^2/NDF :3180.9/30

Out: 501.800 $\pm$ 2.178 χ^2/NDF :4355.6/32

All: 512.311 $\pm$ 1.570 χ^2/NDF : 7585.0/63

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 126.746 $\pm$ 2.070 χ^2 /NDF:449.0/14

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 135.358 $\pm$ 2.228 χ^2 /NDF:345.9/13

Left: 130.734 $\pm$ 1.516 χ^2 /NDF: 802.9/28

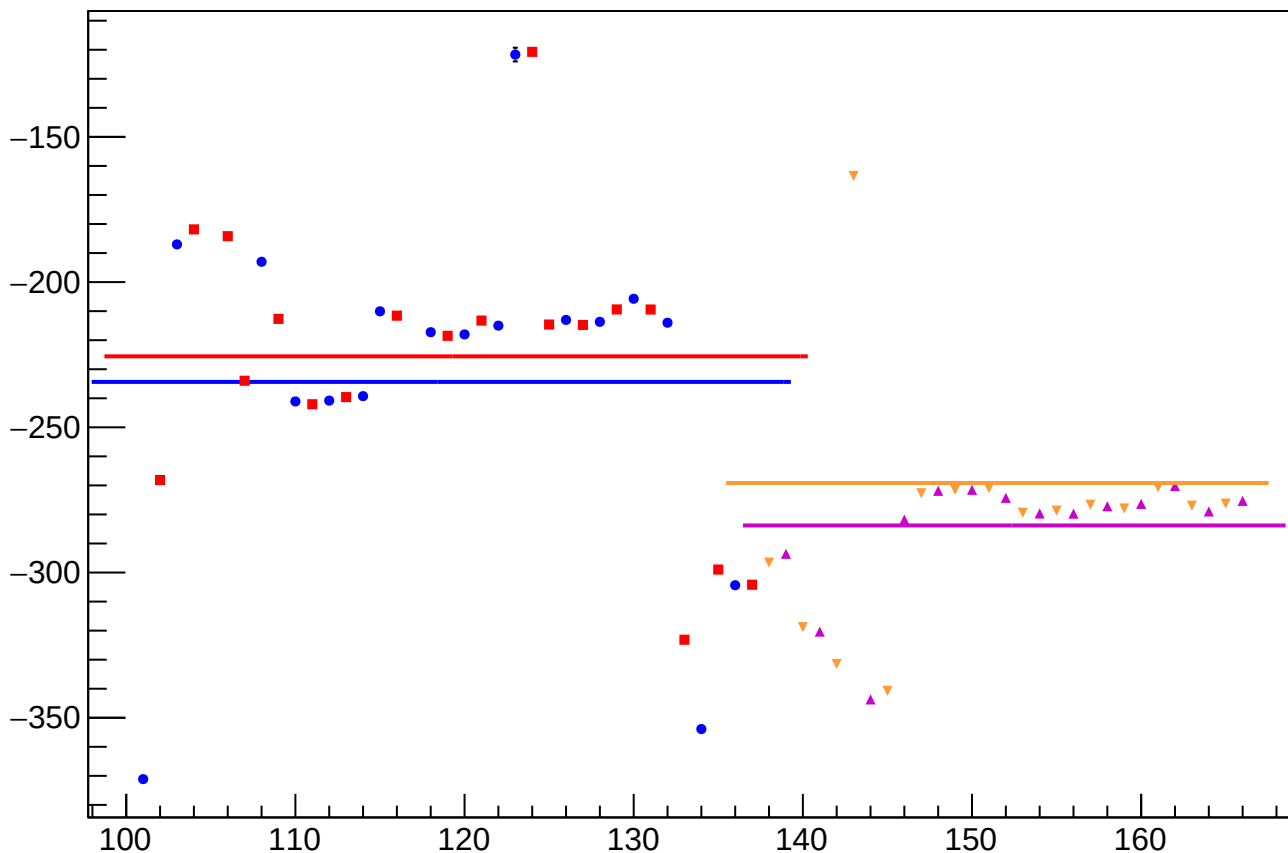
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.665 $\pm$ 1.713 χ^2 /NDF:998.6/30

Out: 129.745 $\pm$ 1.624 χ^2 /NDF:1030.7/32

All: 135.386 $\pm$ 1.179 χ^2 /NDF: 2054.8/63

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -269.164+/-0.103 χ^2/NDF : 204968.8/14

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -283.784+/-0.107 χ^2/NDF : 31250.7/13

Left: -276.201+/-0.074 χ^2/NDF : 245891.6/28

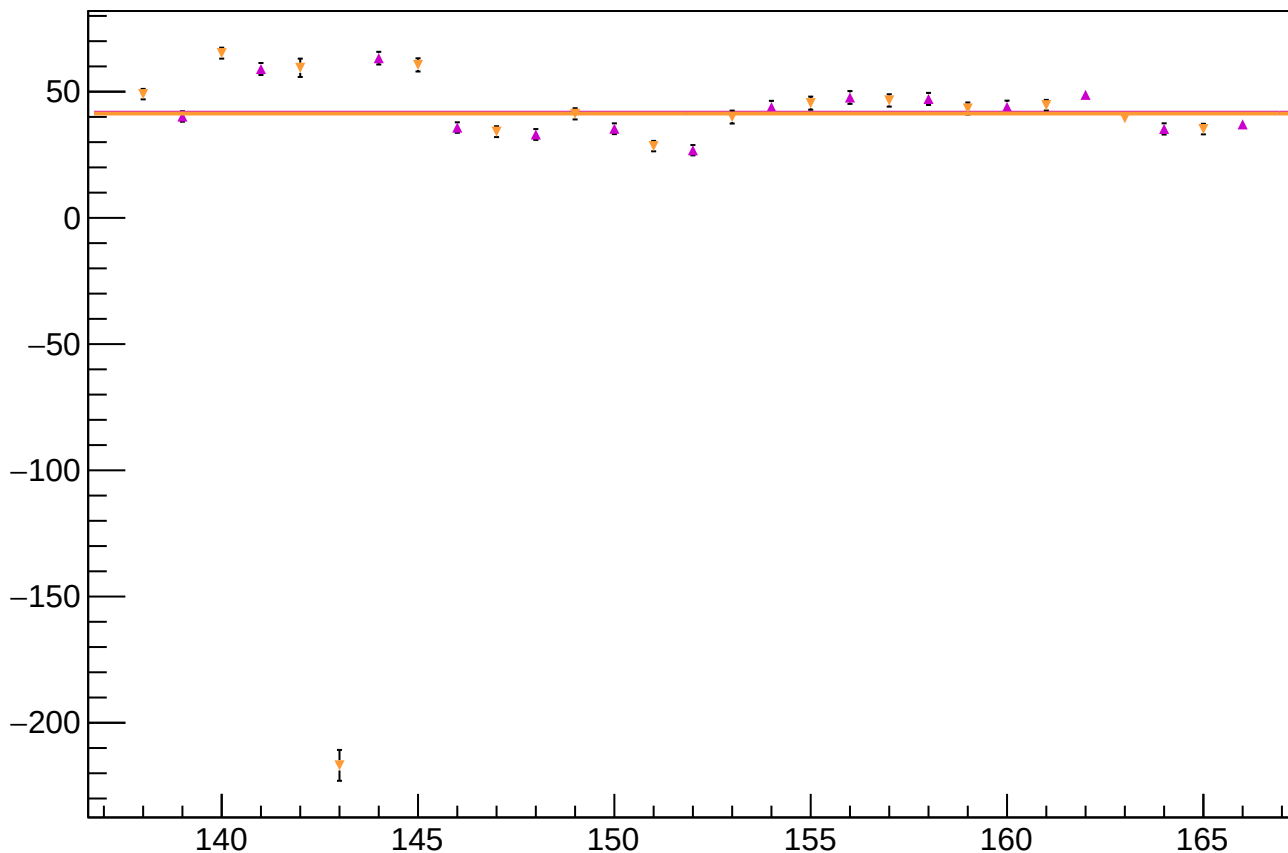
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -266.877+/-0.087 χ^2/NDF : 249309.3/30

Out: -254.095+/-0.083 χ^2/NDF : 359689.6/32

All: -260.230+/-0.060 χ^2/NDF : 620264.3/63

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.351+/-0.609 χ^2/NDF :2069.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.643+/-0.590 χ^2/NDF :253.3/13

Left: 41.502+/-0.424 χ^2/NDF : 2323.0/28

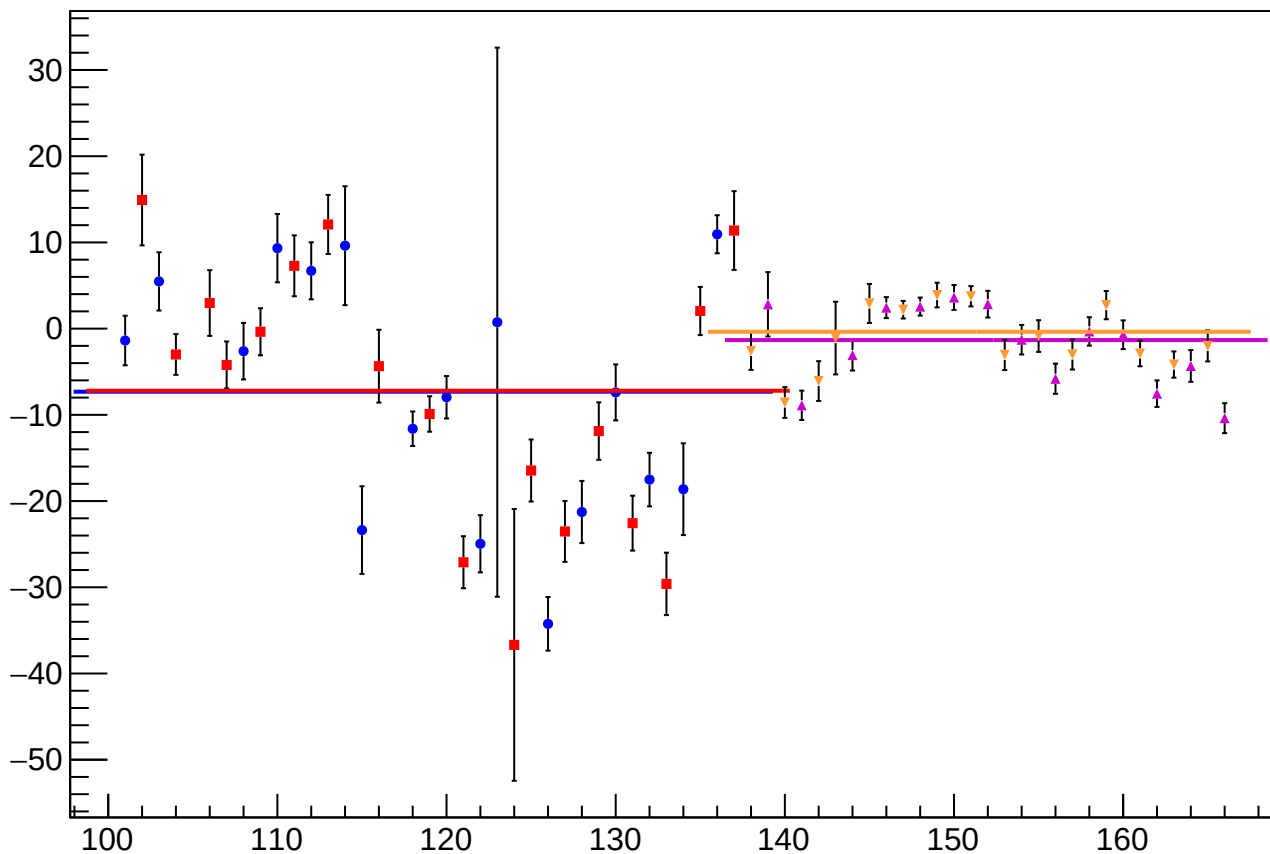
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.643+/-0.590 χ^2/NDF :253.3/13

Out: 41.351+/-0.609 χ^2/NDF :2069.6/14

All: 41.502+/-0.424 χ^2/NDF : 2323.0/28

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: -0.363 ± 0.421 χ^2/NDF : 76.1/14

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -1.327 ± 0.421 χ^2/NDF : 117.4/13

Left: -0.845 ± 0.298 χ^2/NDF : 196.1/28

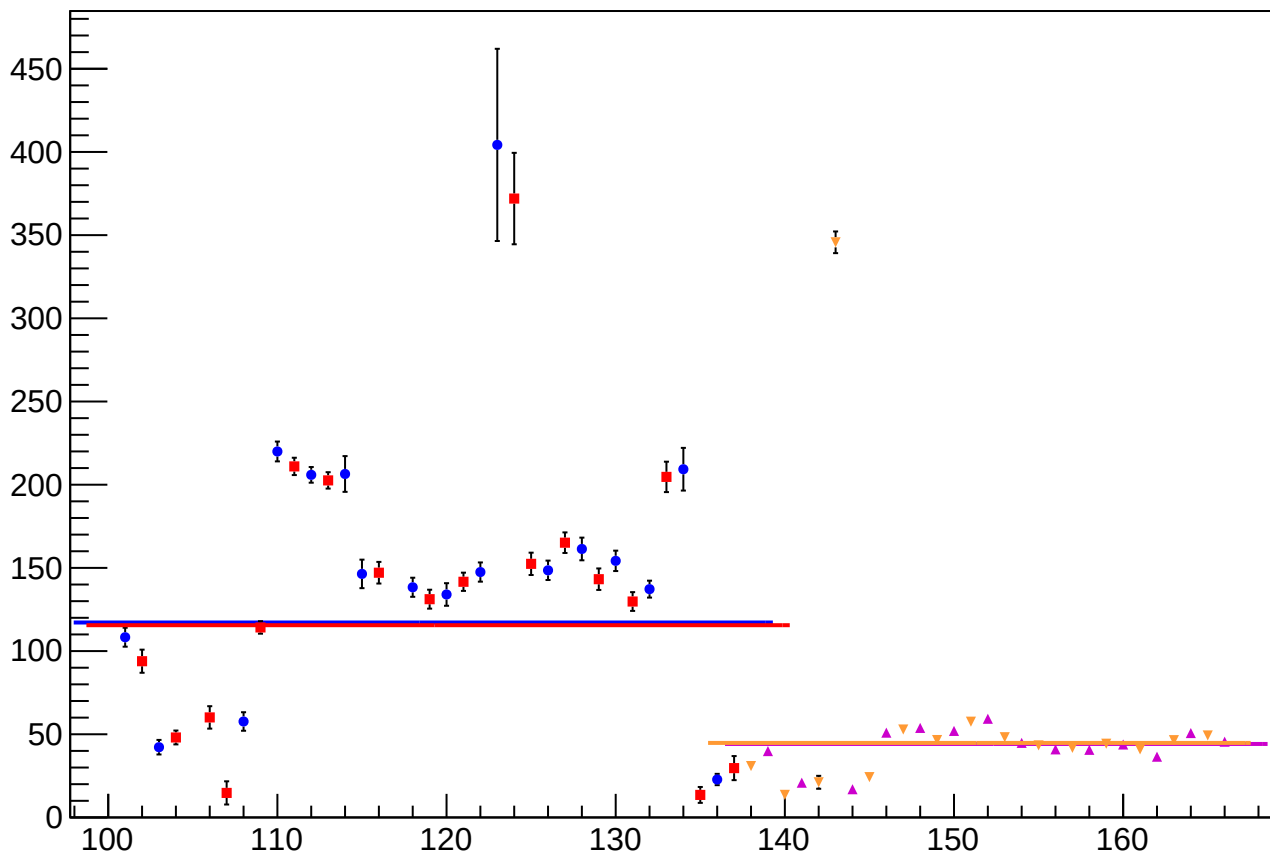
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.675 ± 0.370 χ^2/NDF : 442.1/30

Out: -1.963 ± 0.368 χ^2/NDF : 389.9/32

All: -2.317 ± 0.261 χ^2/NDF : 833.8/63

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.801+/-0.593 χ^2/NDF :2518.1/14

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 44.175+/-0.575 χ^2/NDF :331.7/13

Left: 44.478+/-0.413 χ^2/NDF : 2850.4/28

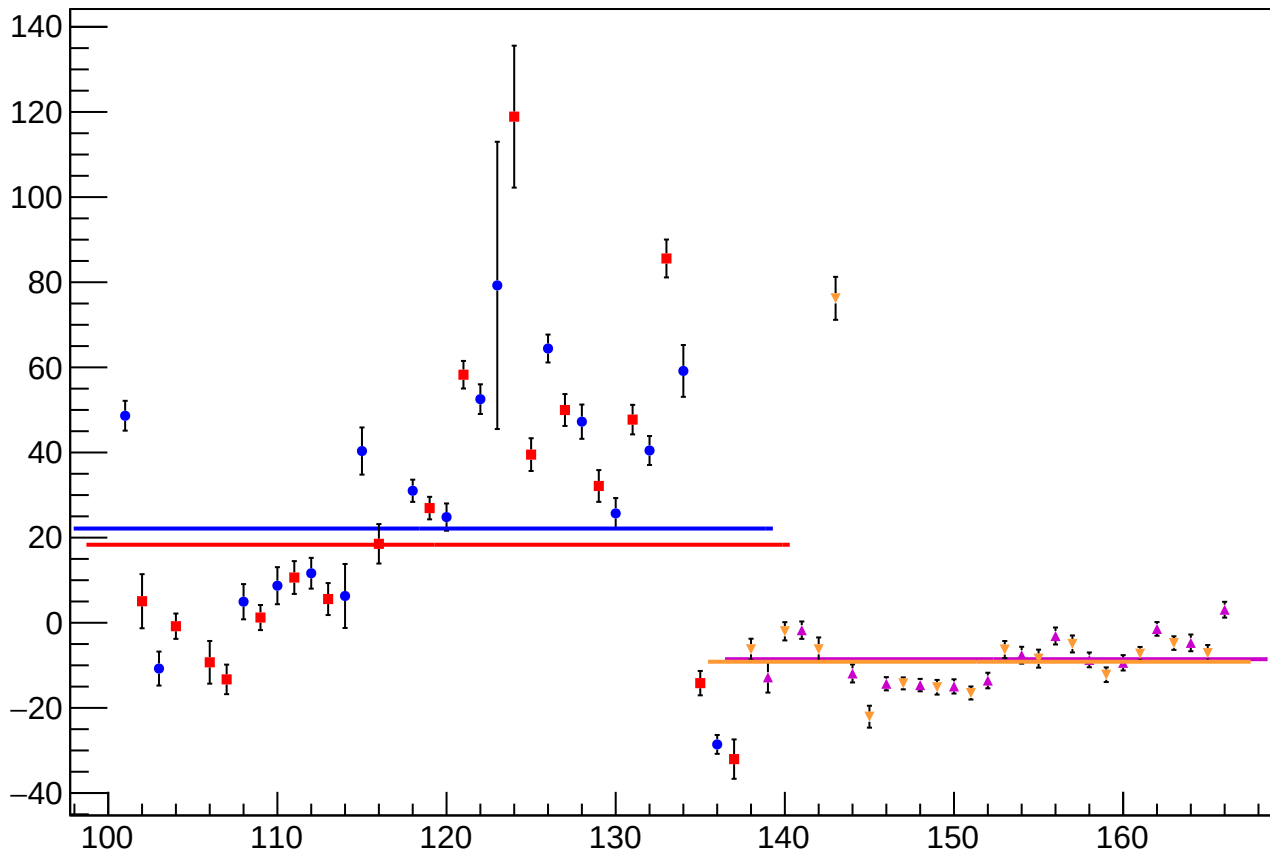
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 54.557+/-0.532 χ^2/NDF :4786.3/30

Out: 56.069+/-0.544 χ^2/NDF :6932.3/32

All: 55.297+/-0.380 χ^2/NDF : 11722.5/63

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -9.154 $\pm$ 0.494 χ^2 /NDF:392.7/14

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -8.559 $\pm$ 0.491 χ^2 /NDF:138.7/13

Left: -8.854 $\pm$ 0.348 χ^2 /NDF: 532.2/28

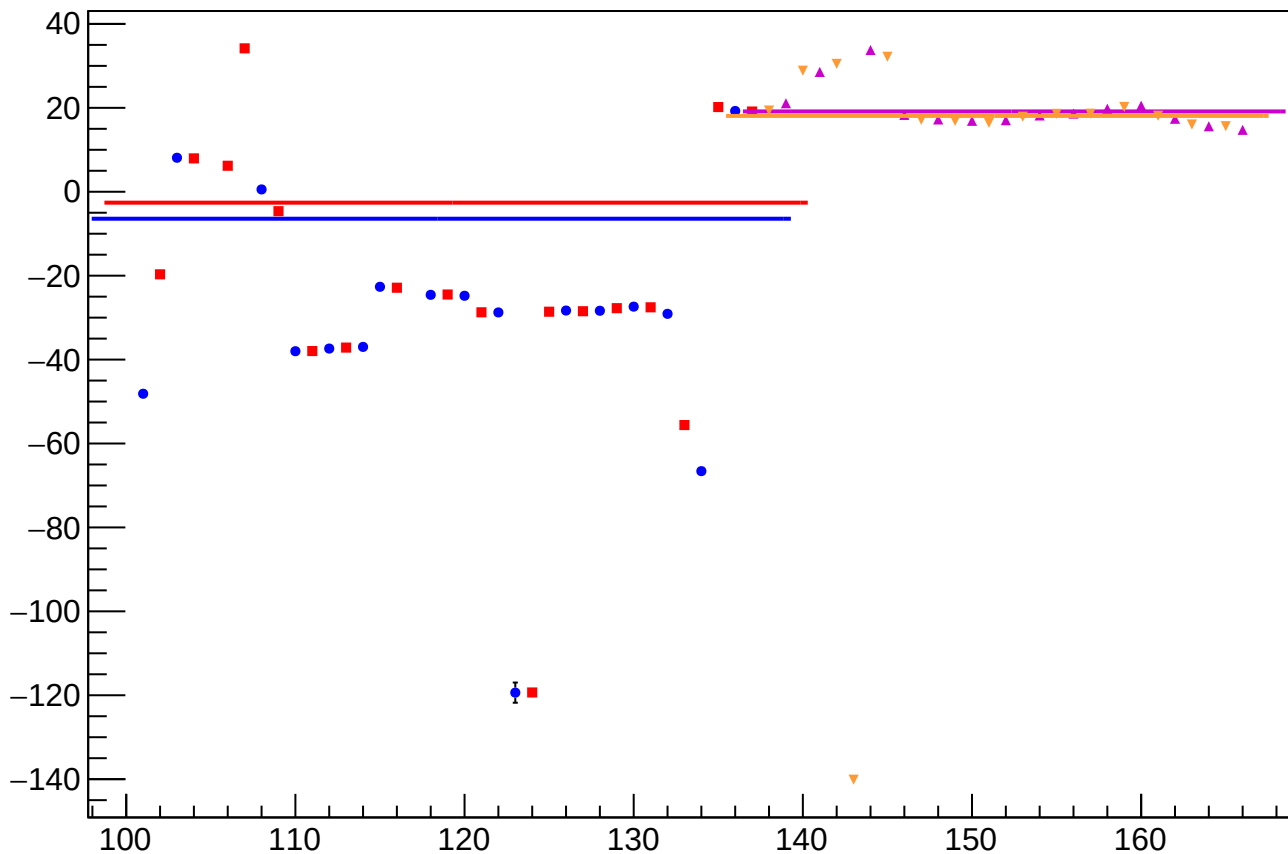
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: -1.421 $\pm$ 0.430 χ^2 /NDF:2113.3/30

Out: -2.470 $\pm$ 0.430 χ^2 /NDF:2215.0/32

All: -1.945 $\pm$ 0.304 χ^2 /NDF: 4331.3/63

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.074 ± 0.023 χ^2/NDF : 401959.6/14

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 19.147 ± 0.023 χ^2/NDF : 31765.6/13

Left: 18.624 ± 0.016 χ^2/NDF : 434811.6/28

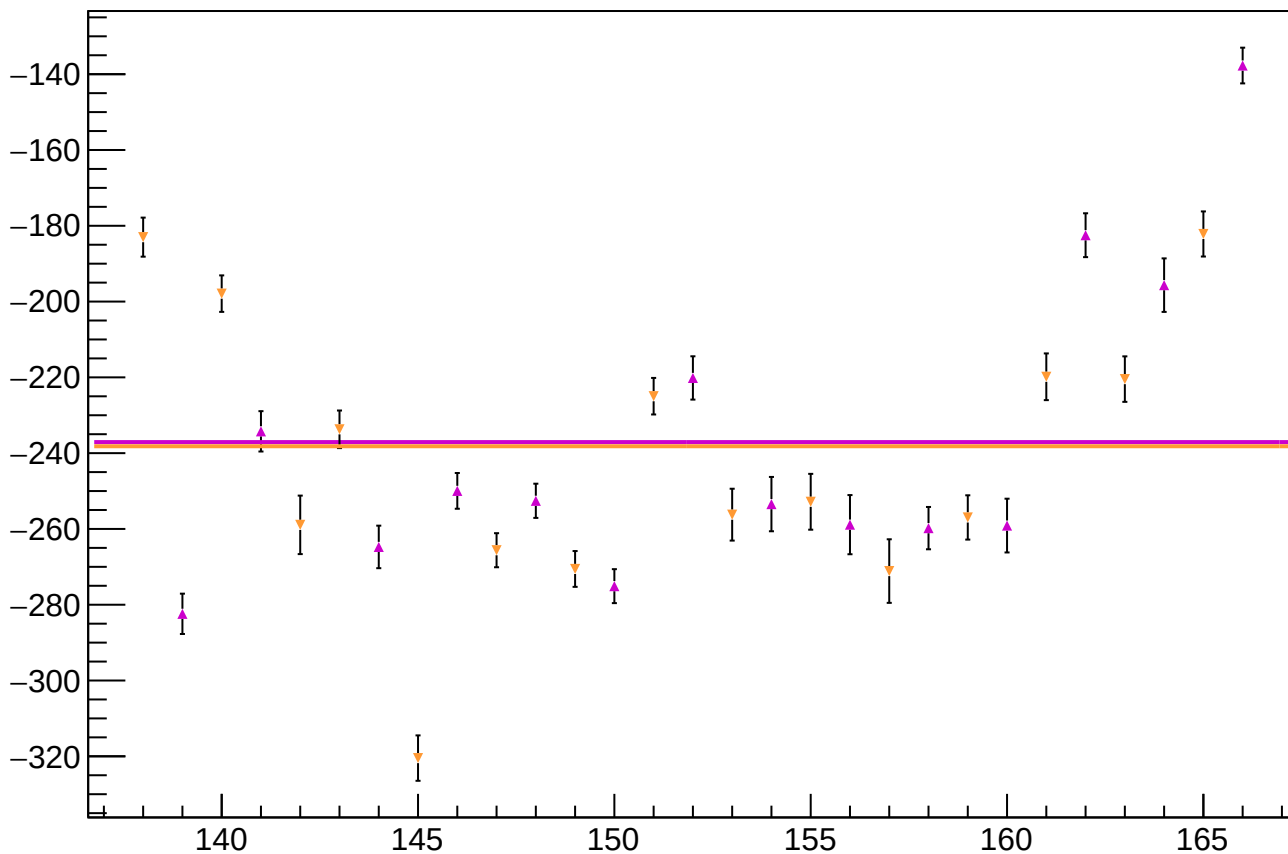
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 14.172 ± 0.020 χ^2/NDF : 543625.9/30

Out: 13.820 ± 0.021 χ^2/NDF : 827499.6/32

All: 13.999 ± 0.015 χ^2/NDF : 1371272.2/63

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: -238.182+/-1.460 χ^2/NDF : 615.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -237.083+/-1.475 χ^2/NDF : 804.1/13

Left: -237.638+/-1.038 χ^2/NDF : 1420.3/28

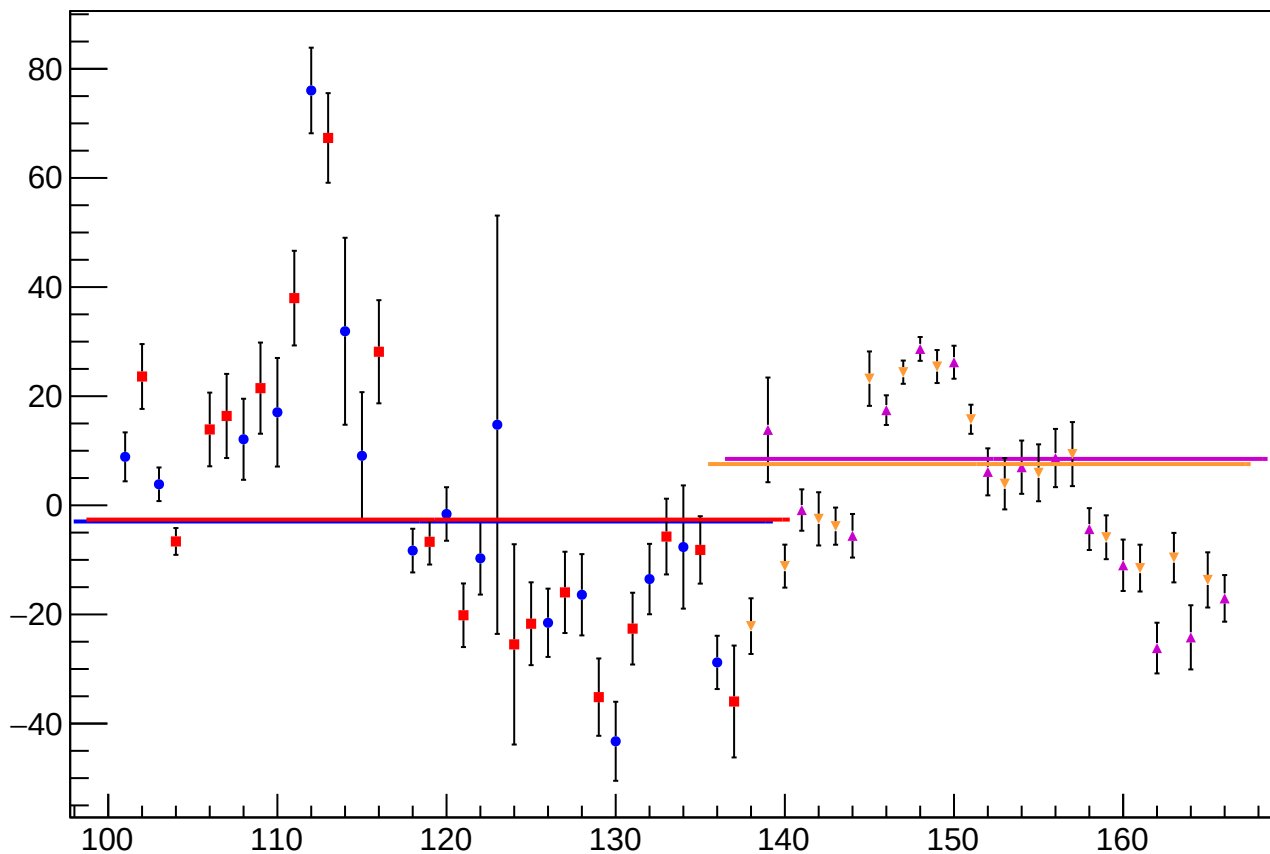
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -237.083+/-1.475 χ^2/NDF : 804.1/13

Out: -238.182+/-1.460 χ^2/NDF : 615.9/14

All: -237.638+/-1.038 χ^2/NDF : 1420.3/28

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 7.561 ± 0.973 χ^2/NDF : 252.2/14

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 8.505 ± 1.015 χ^2/NDF : 300.2/13

Left: 8.013 ± 0.702 χ^2/NDF : 552.9/28

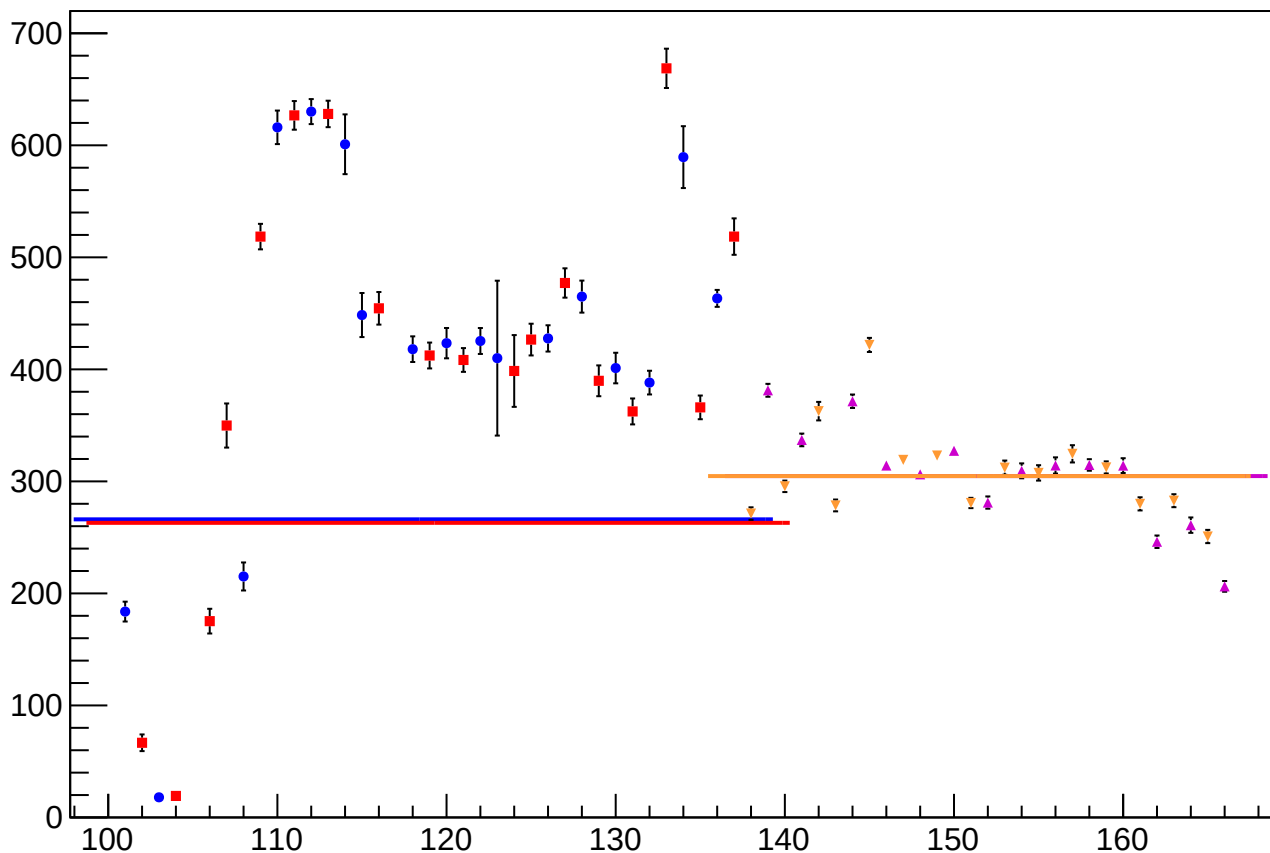
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 4.743 ± 0.832 χ^2/NDF : 545.7/30

Out: 4.243 ± 0.799 χ^2/NDF : 498.3/32

All: 4.483 ± 0.576 χ^2/NDF : 1044.2/63

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: 304.733 $\pm$ 1.435 χ^2 /NDF:641.0/14

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 304.739 $\pm$ 1.438 χ^2 /NDF:965.1/13

Left: 304.736 $\pm$ 1.016 χ^2 /NDF: 1606.1/28

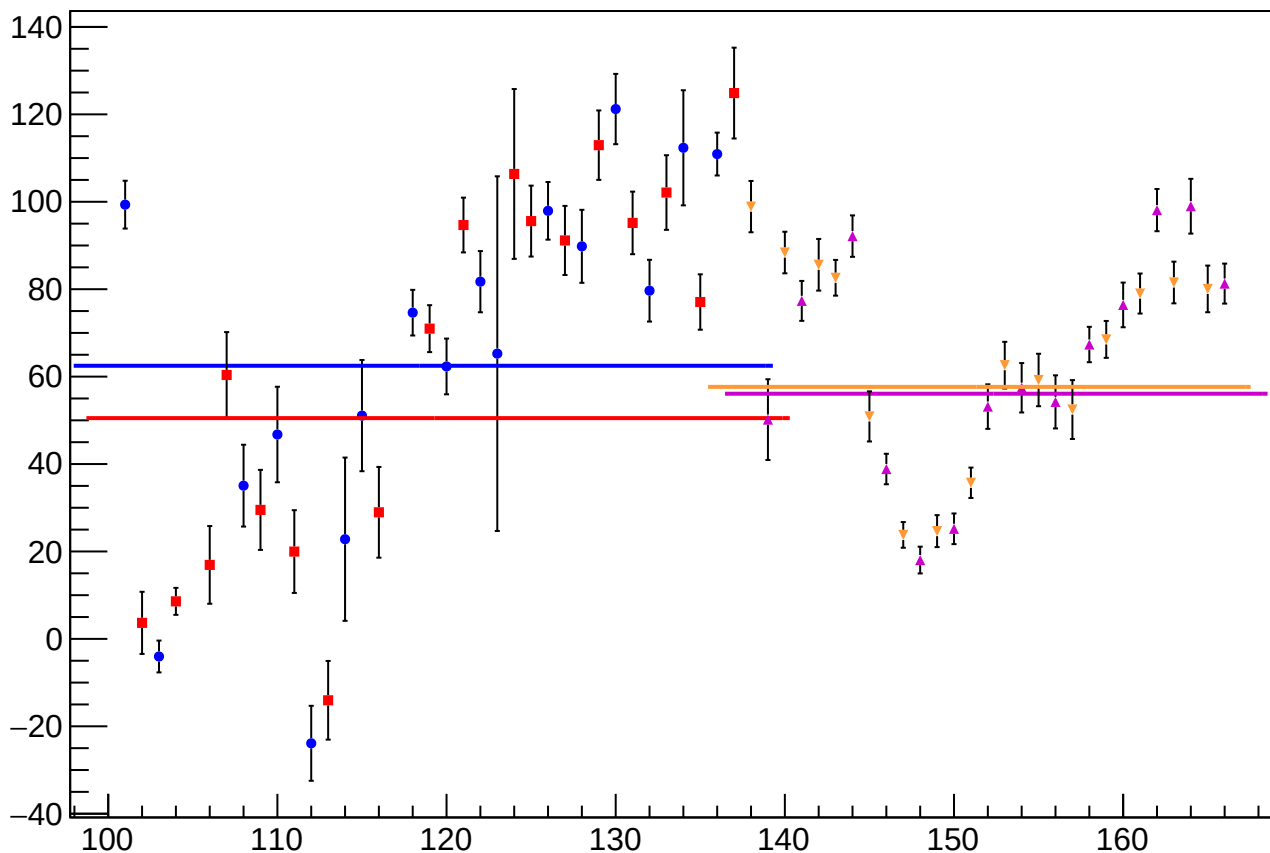
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 295.020 $\pm$ 1.244 χ^2 /NDF:8790.7/30

Out: 294.176 $\pm$ 1.241 χ^2 /NDF:9026.8/32

All: 294.597 $\pm$ 0.878 χ^2 /NDF: 17817.8/63

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 57.657 ± 1.168 $\chi^2/\text{NDF}: 479.0/14$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 56.091 ± 1.207 $\chi^2/\text{NDF}: 513.6/13$

Left: 56.900 ± 0.839 $\chi^2/\text{NDF}: 993.5/28$

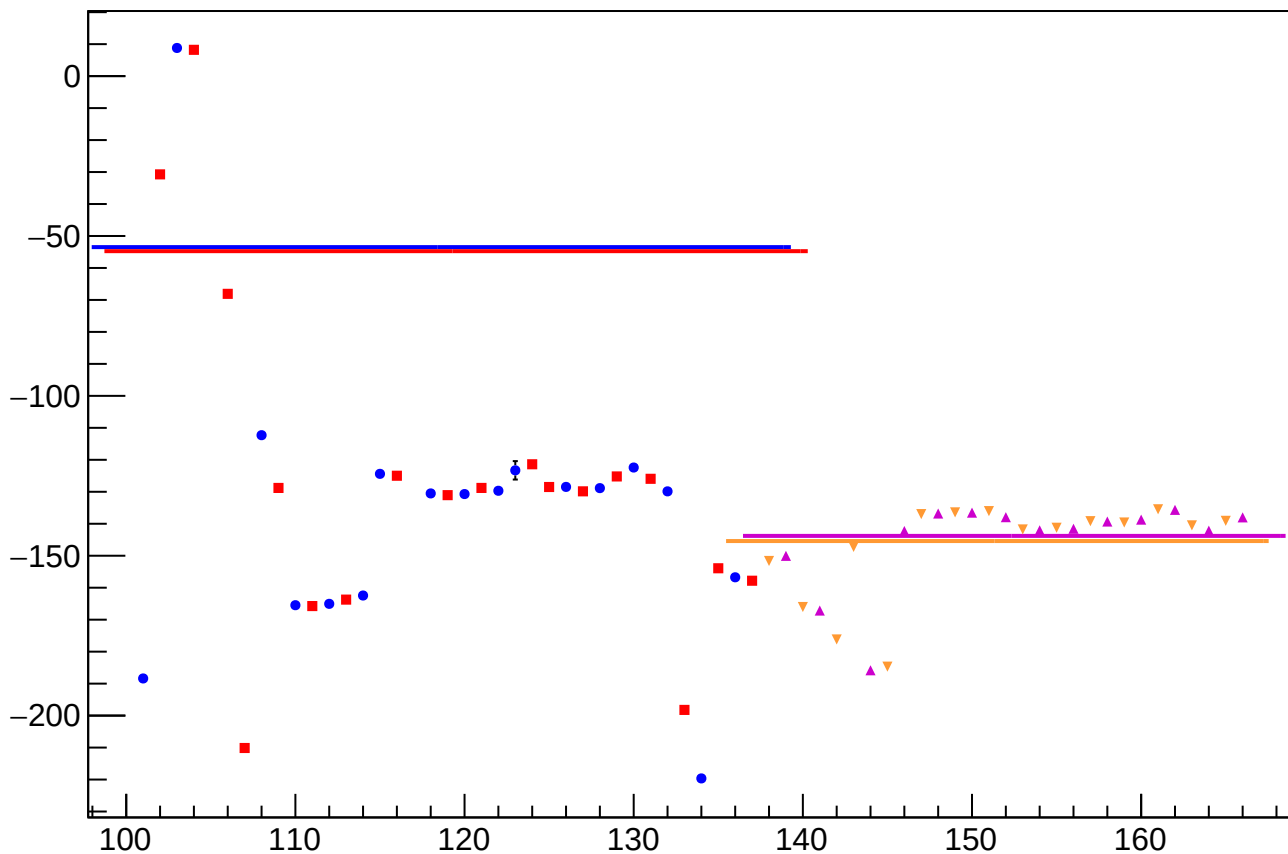
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 58.265 ± 0.980 $\chi^2/\text{NDF}: 1243.9/30$

Out: 55.260 ± 0.952 $\chi^2/\text{NDF}: 1142.2/32$

All: 56.719 ± 0.683 $\chi^2/\text{NDF}: 2390.9/63$

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: -145.411 ± 0.058 $\chi^2/\text{NDF}: 54339.4/14$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -143.795 ± 0.058 $\chi^2/\text{NDF}: 44145.2/13$

Left: -144.603 ± 0.041 $\chi^2/\text{NDF}: 98876.6/28$

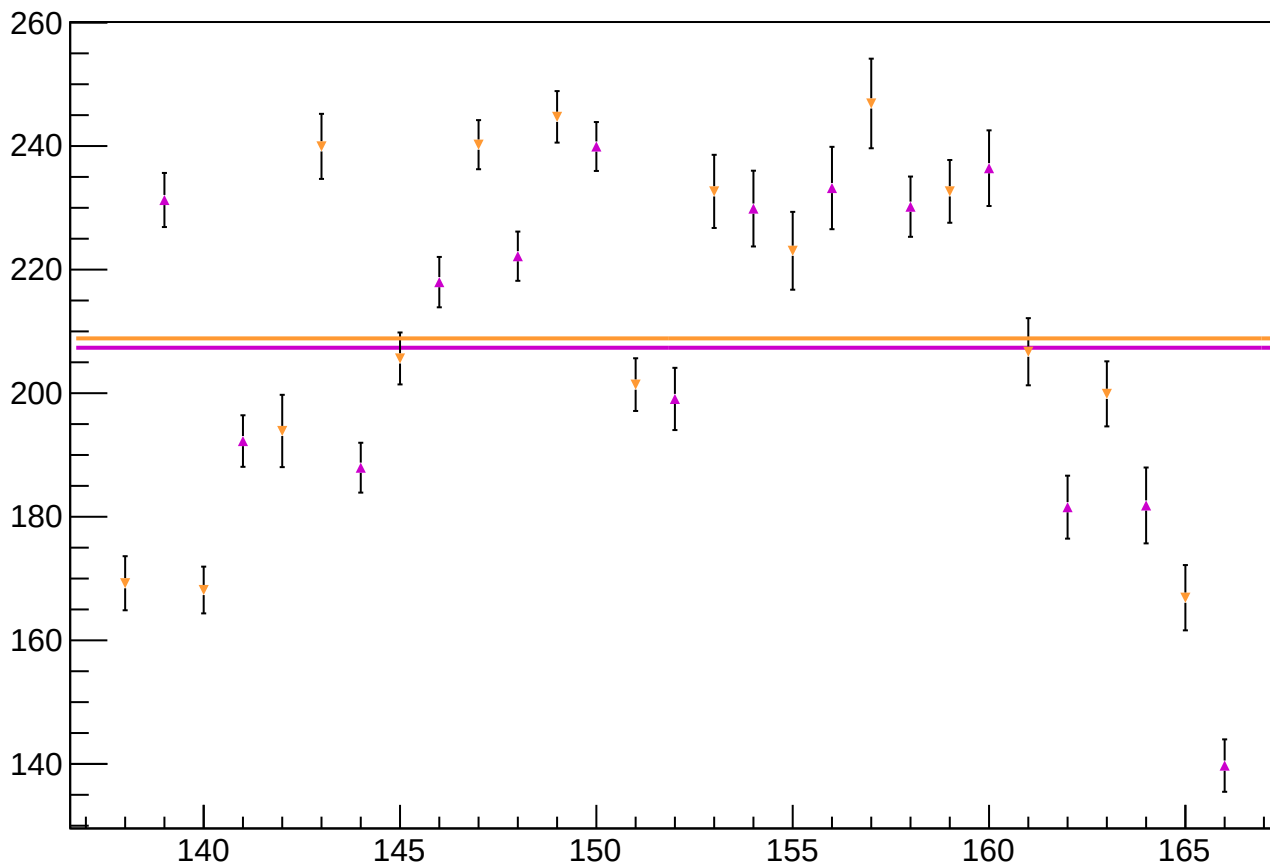
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -107.428 ± 0.045 $\chi^2/\text{NDF}: 2258472.9/30$

Out: -110.039 ± 0.045 $\chi^2/\text{NDF}: 1970227.6/32$

All: -108.721 ± 0.032 $\chi^2/\text{NDF}: 4230395.9/63$

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: 208.869+/-1.253 χ^2/NDF :516.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.355+/-1.254 χ^2/NDF :527.1/13

Left: 208.113+/-0.886 χ^2/NDF : 1043.8/28

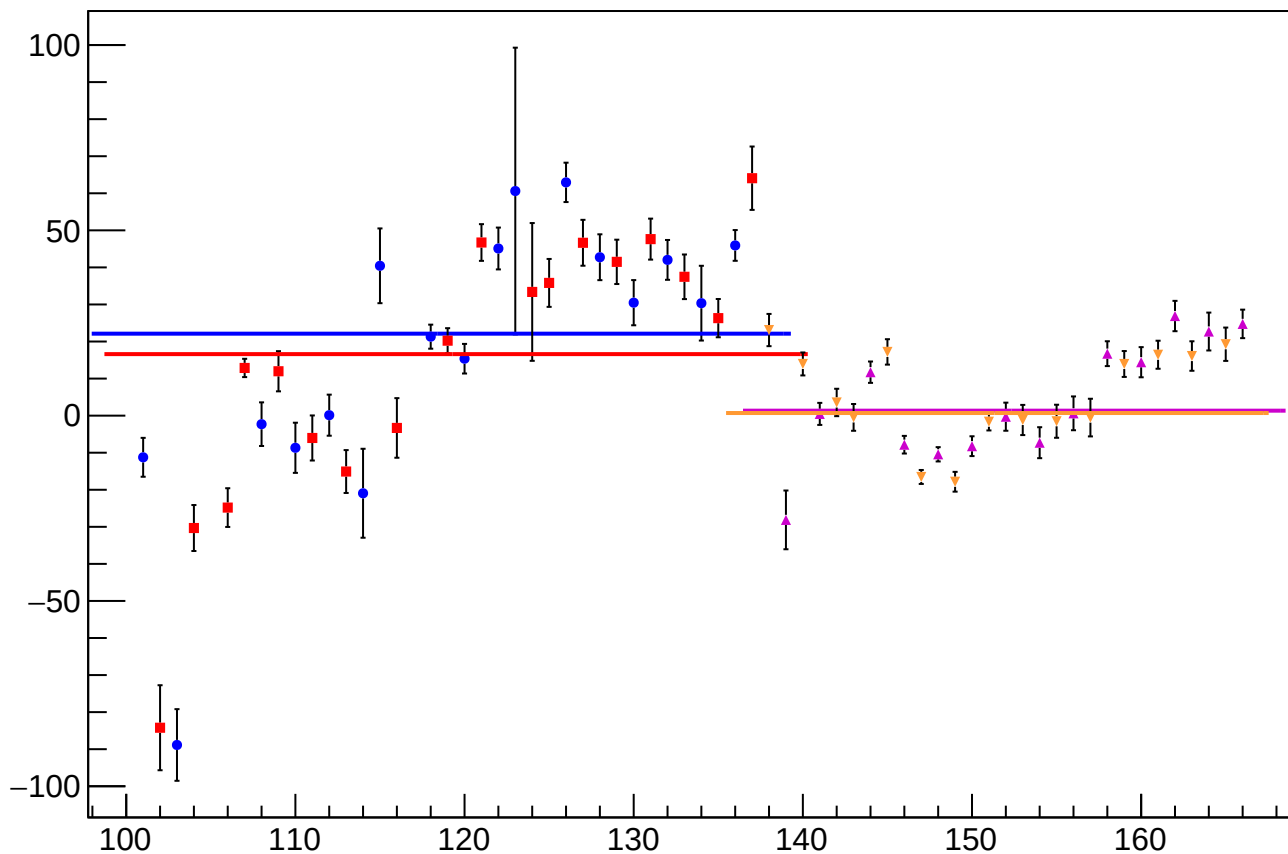
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.355+/-1.254 χ^2/NDF :527.1/13

Out: 208.869+/-1.253 χ^2/NDF :516.0/14

All: 208.113+/-0.886 χ^2/NDF : 1043.8/28

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 0.708 $\pm$ 0.843 χ^2 /NDF:265.8/14

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: 1.342 $\pm$ 0.869 χ^2 /NDF:221.2/13

Left: 1.015 $\pm$ 0.605 χ^2 /NDF: 487.2/28

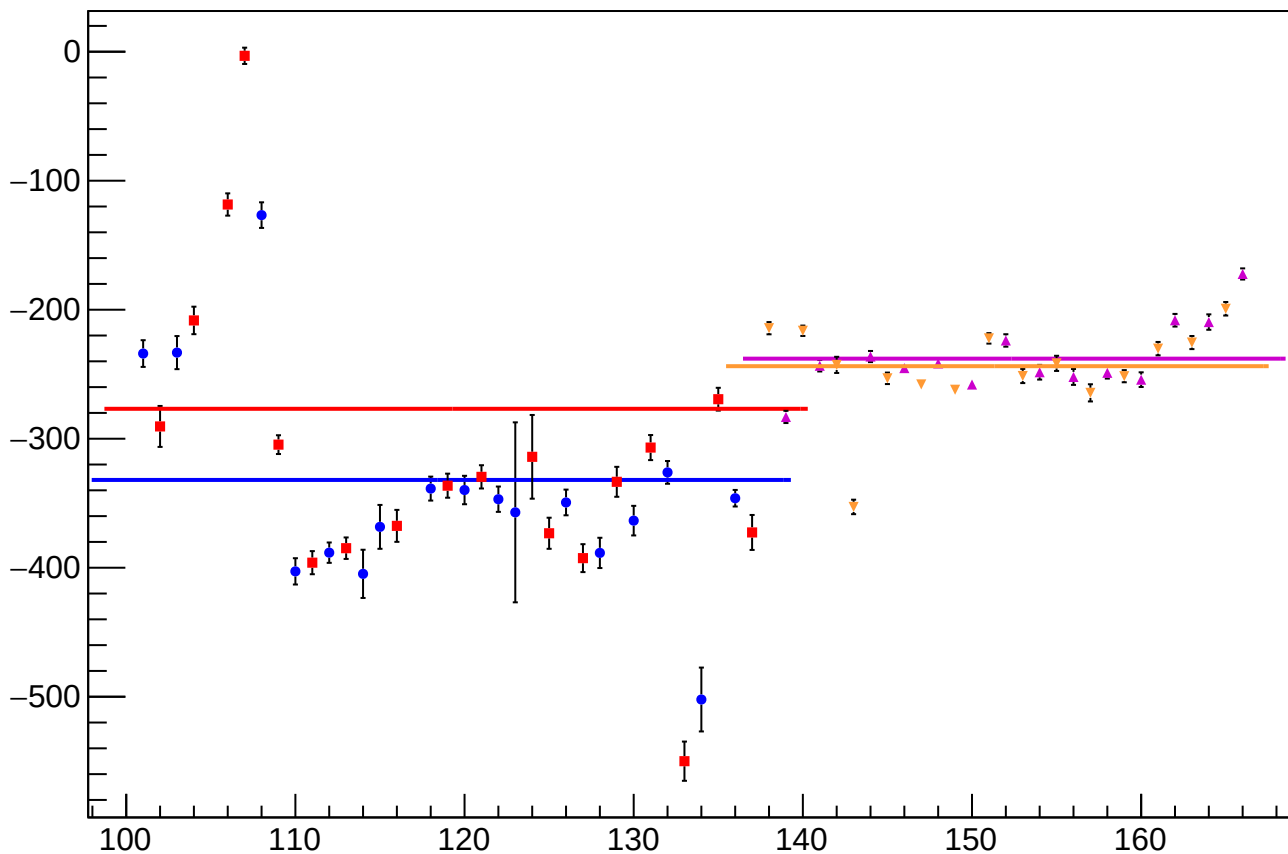
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 7.263 $\pm$ 0.735 χ^2 /NDF:766.1/30

Out: 5.792 $\pm$ 0.695 χ^2 /NDF:796.4/32

All: 6.487 $\pm$ 0.505 χ^2 /NDF: 1564.5/63

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -243.775 ± 1.236 $\chi^2/\text{NDF}: 637.7/14$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -237.936 ± 1.228 $\chi^2/\text{NDF}: 448.1/13$

Left: -240.837 ± 0.871 $\chi^2/\text{NDF}: 1097.0/28$

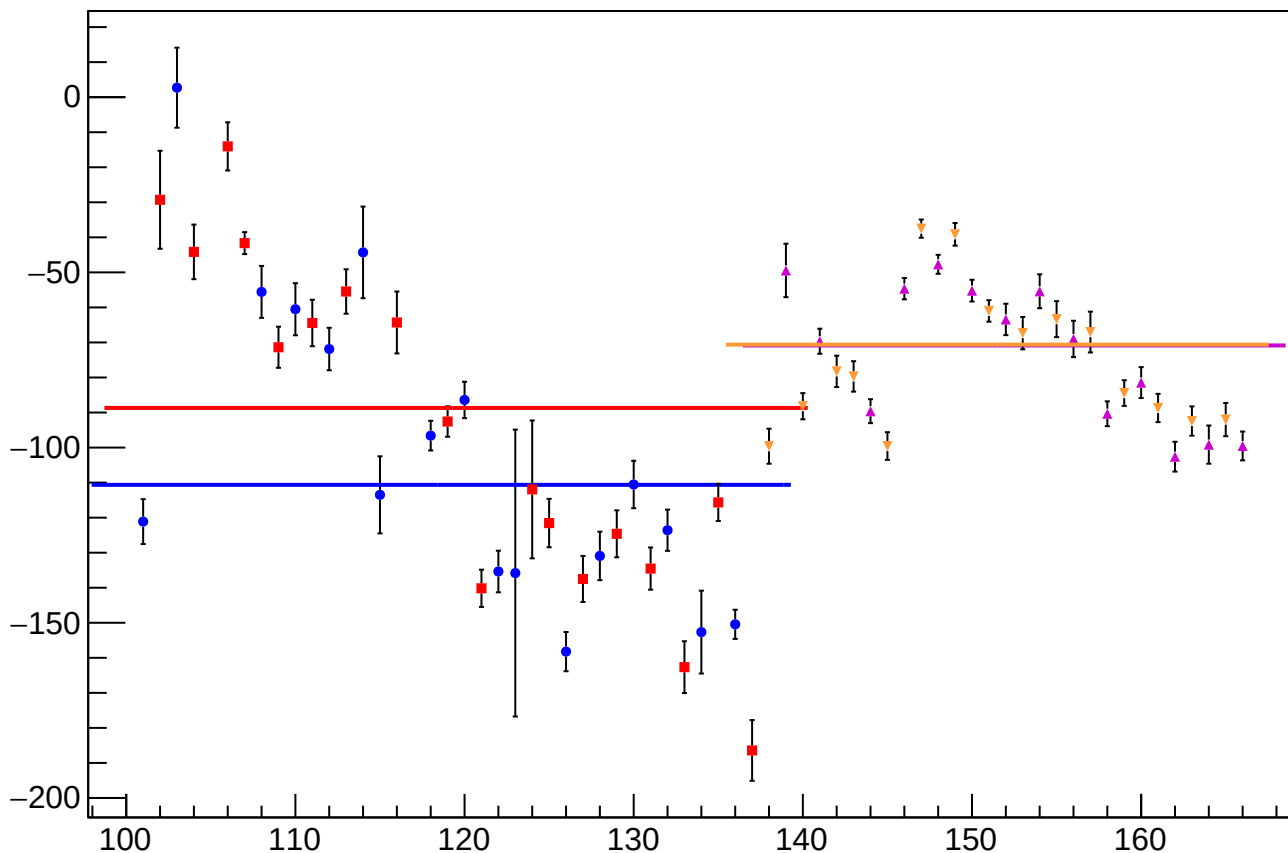
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -255.448 ± 1.108 $\chi^2/\text{NDF}: 2325.0/30$

Out: -251.030 ± 1.092 $\chi^2/\text{NDF}: 4124.9/32$

All: -253.207 ± 0.778 $\chi^2/\text{NDF}: 6458.0/63$

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: -70.607 ± 1.010 χ^2/NDF : 468.9/14

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -70.854 ± 1.032 χ^2/NDF : 346.0/13

Left: -70.728 ± 0.722 χ^2/NDF : 814.9/28

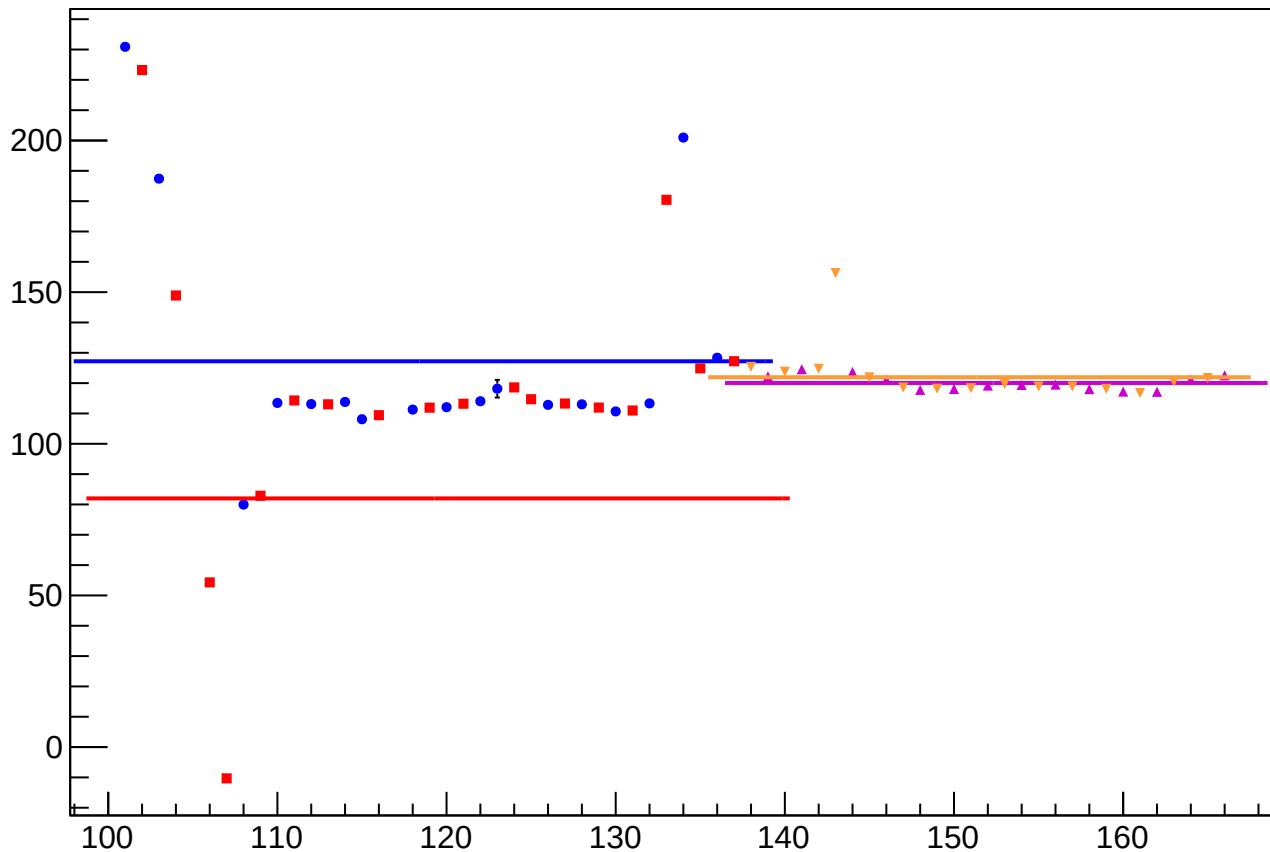
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -82.735 ± 0.864 χ^2/NDF : 1298.8/30

Out: -76.596 ± 0.826 χ^2/NDF : 1539.0/32

All: -79.526 ± 0.597 χ^2/NDF : 2864.2/63

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: 121.944 $\pm$ 0.050 χ^2 /NDF: 26746.1/14

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.053 $\pm$ 0.049 χ^2 /NDF: 2382.9/13

Left: 120.992 $\pm$ 0.035 χ^2 /NDF: 29860.3/28

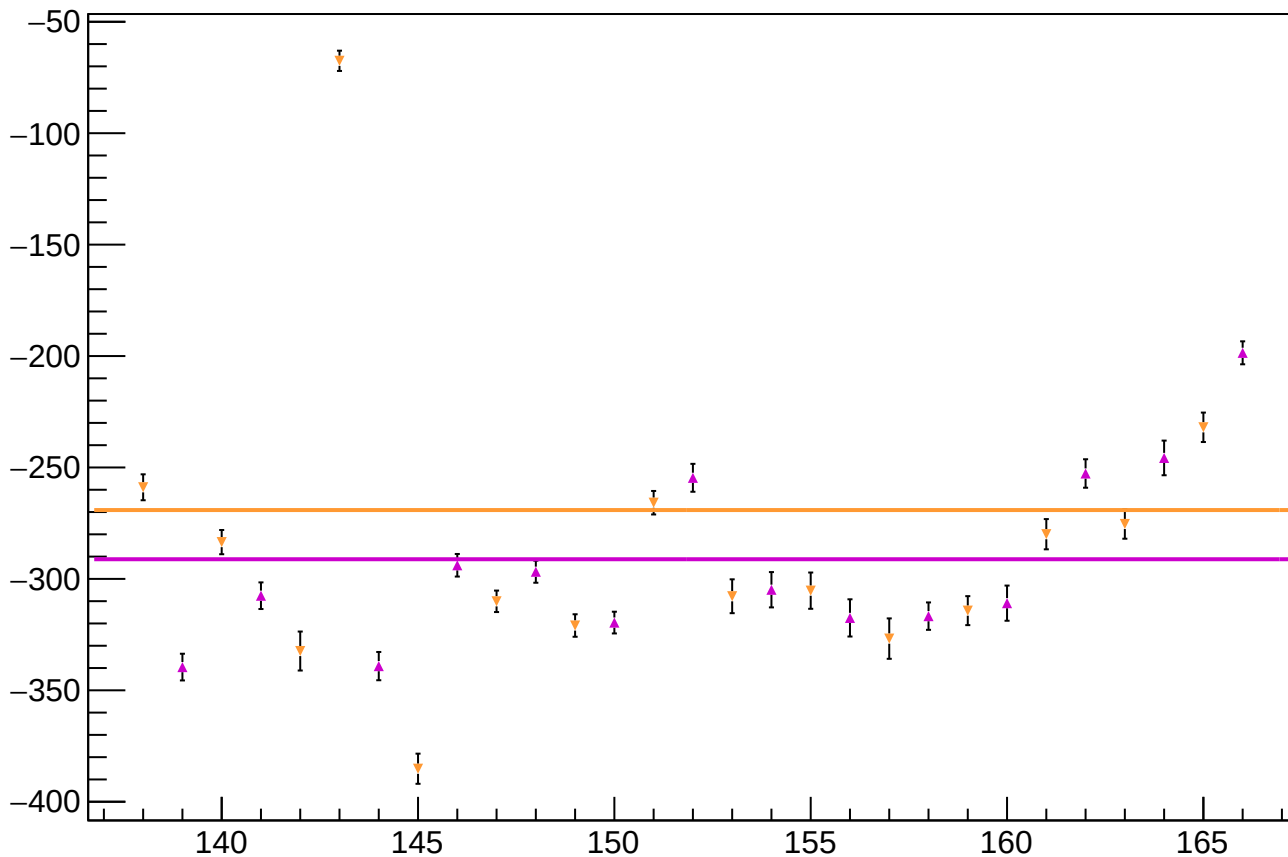
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.728 $\pm$ 0.043 χ^2 /NDF: 195339.6/30

Out: 109.889 $\pm$ 0.041 χ^2 /NDF: 972152.6/32

All: 115.575 $\pm$ 0.030 χ^2 /NDF: 1206641.0/63

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: -269.111+/-1.580 χ^2/NDF :2667.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -291.180+/-1.623 χ^2/NDF :629.4/13

Left: -279.847+/-1.132 χ^2/NDF : 3392.0/28

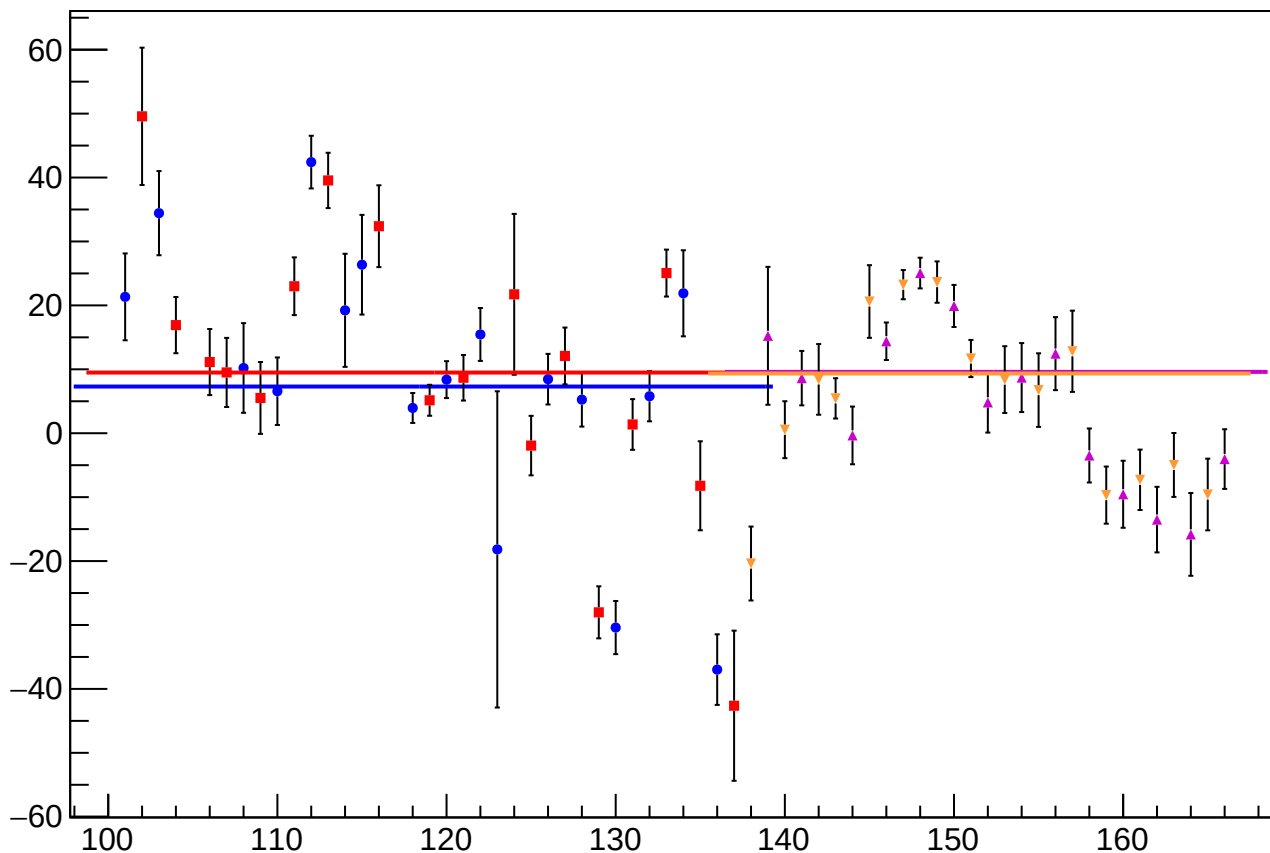
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -291.180+/-1.623 χ^2/NDF :629.4/13

Out: -269.111+/-1.580 χ^2/NDF :2667.6/14

All: -279.847+/-1.132 χ^2/NDF : 3392.0/28

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 9.346 $\pm$ 1.049 χ^2 /NDF:143.7/14

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 9.599 $\pm$ 1.115 χ^2 /NDF:127.6/13

Left: 9.465 $\pm$ 0.764 χ^2 /NDF: 271.3/28

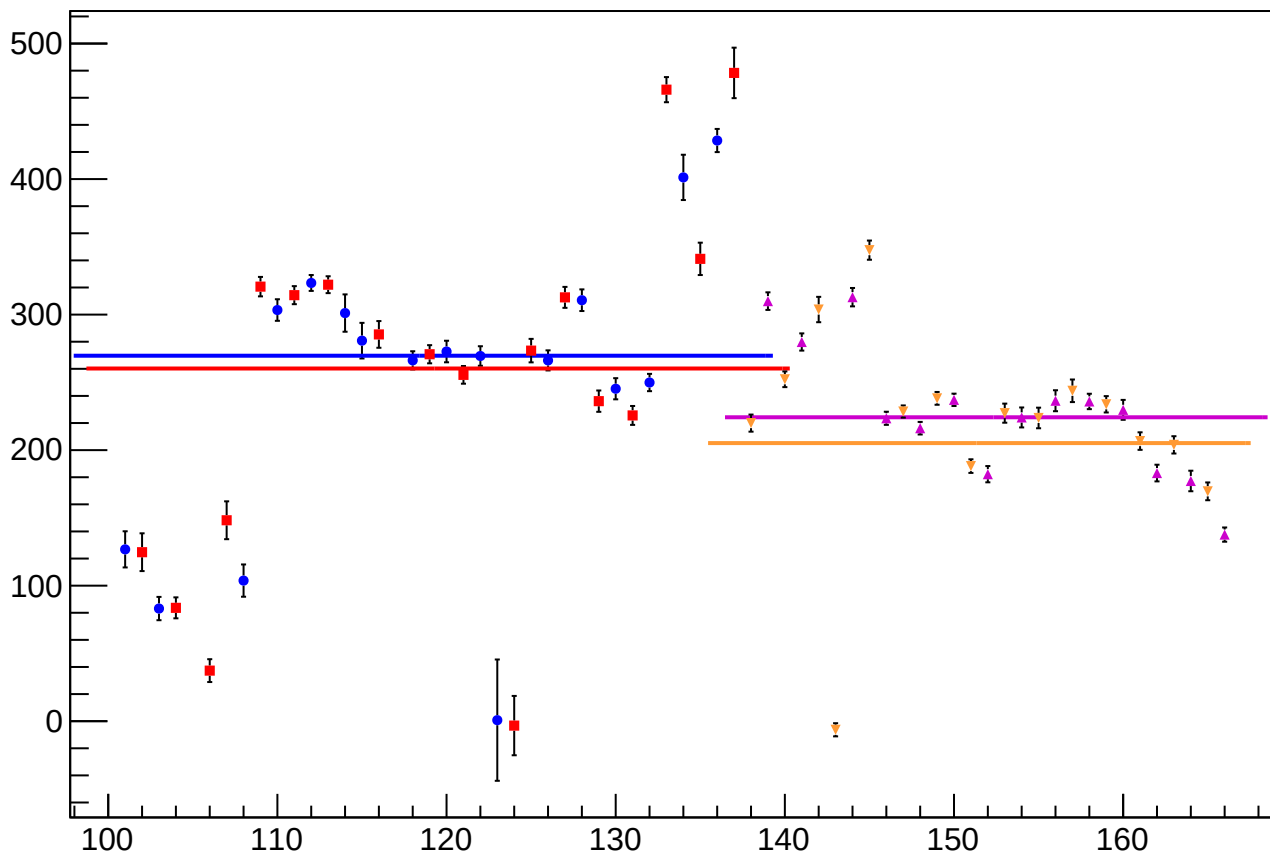
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 8.420 $\pm$ 0.778 χ^2 /NDF:390.4/30

Out: 9.418 $\pm$ 0.750 χ^2 /NDF:374.8/32

All: 8.937 $\pm$ 0.540 χ^2 /NDF: 766.1/63

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 205.201 $\pm$ 1.555 χ^2 /NDF:2663.0/14

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 224.242 $\pm$ 1.581 χ^2 /NDF:843.9/13

Left: 214.563 $\pm$ 1.109 χ^2 /NDF: 3580.6/28

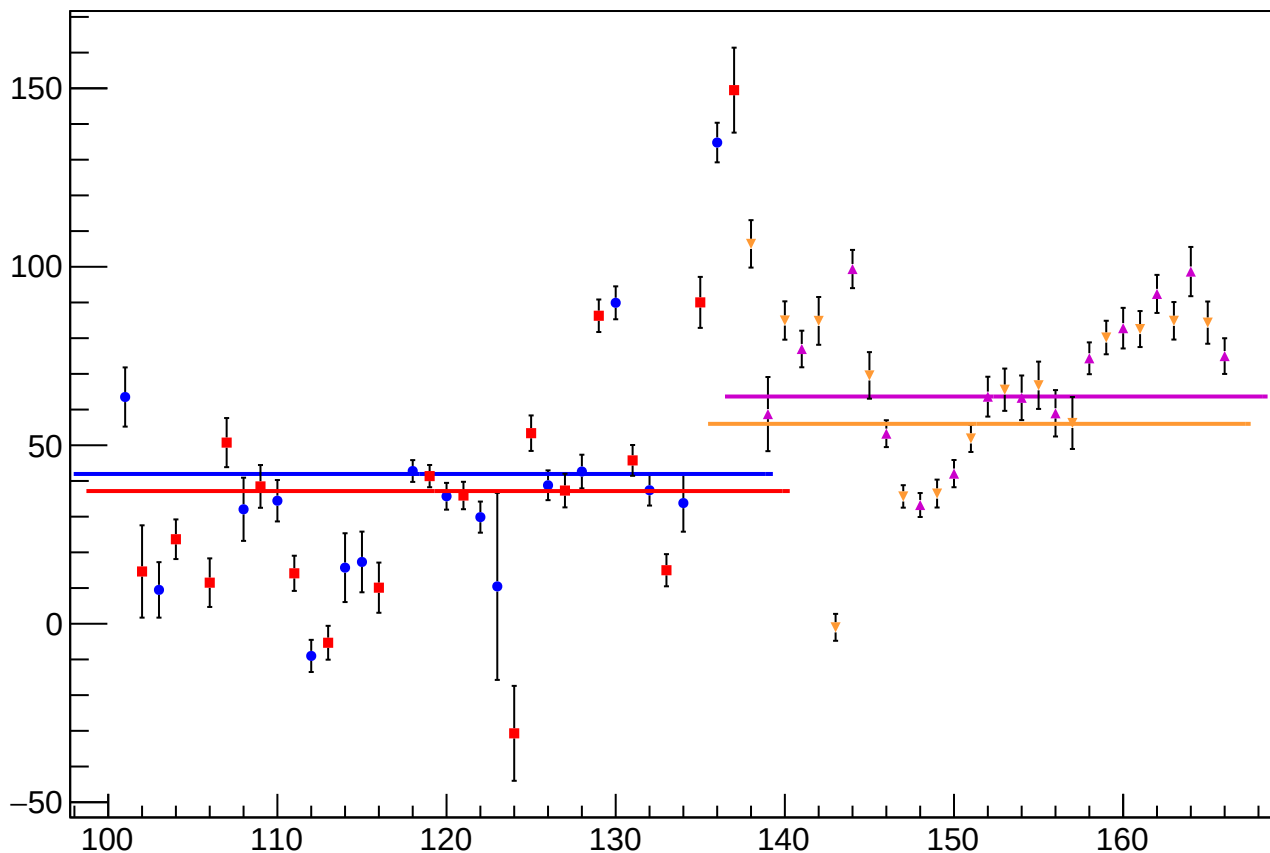
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 240.915 $\pm$ 1.258 χ^2 /NDF:2523.5/30

Out: 226.206 $\pm$ 1.223 χ^2 /NDF:5669.1/32

All: 233.351 $\pm$ 0.877 χ^2 /NDF: 8262.9/63

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 χ^2/NDF : 574.2/16

Left Out: 56.001 ± 1.261 χ^2/NDF : 518.8/14

Right Out: 37.171 ± 1.236 χ^2/NDF : 470.9/17

Left In: 63.658 ± 1.326 χ^2/NDF : 250.6/13

Left: 59.638 ± 0.914 χ^2/NDF : 786.9/28

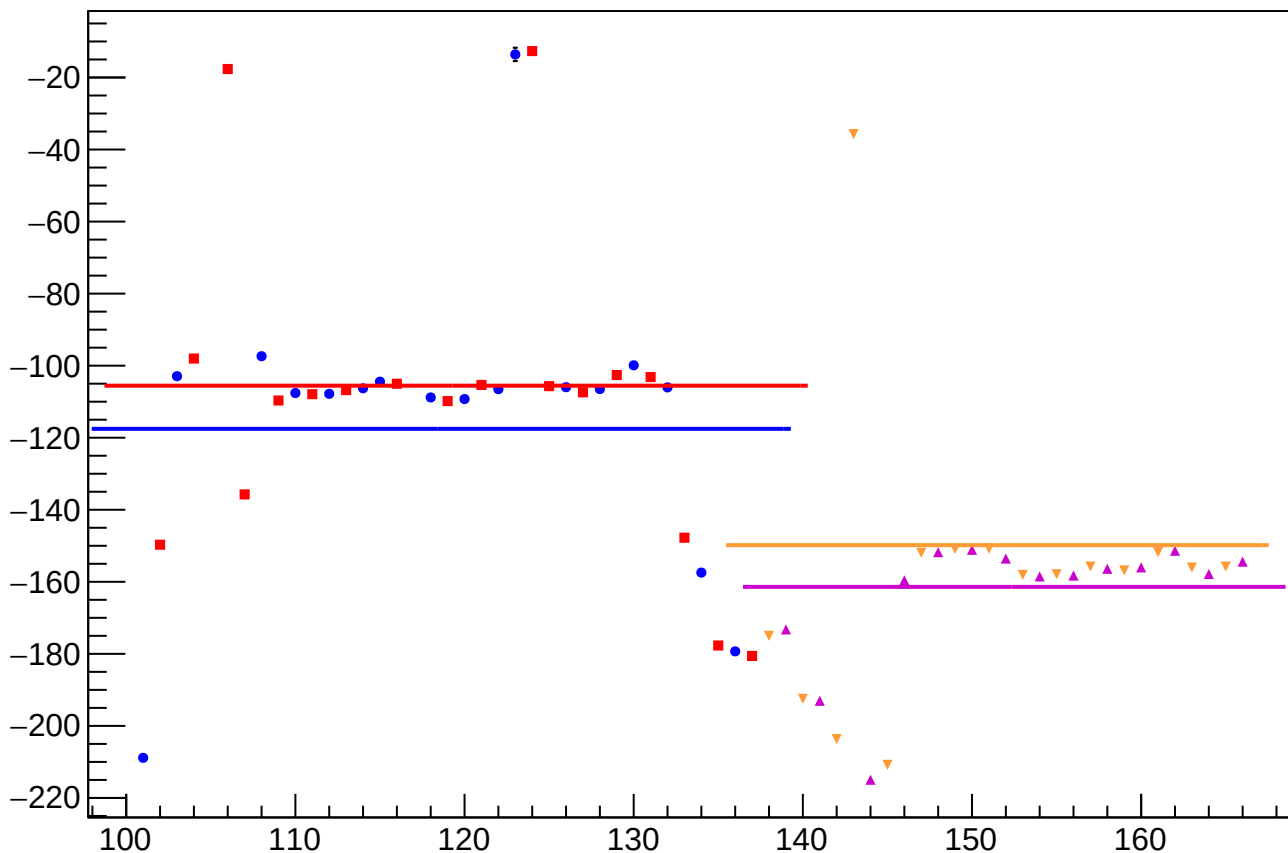
Right: 39.523 ± 0.882 χ^2/NDF : 1052.5/34

In: 52.243 ± 0.913 χ^2/NDF : 965.8/30

Out: 46.399 ± 0.883 χ^2/NDF : 1103.4/32

All: 49.224 ± 0.634 χ^2/NDF : 2090.4/63

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -149.821+/-0.063 χ^2/NDF : 454092.2/14

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -161.403+/-0.064 χ^2/NDF : 60594.9/13

Left: -155.523+/-0.045 χ^2/NDF : 531572.6/28

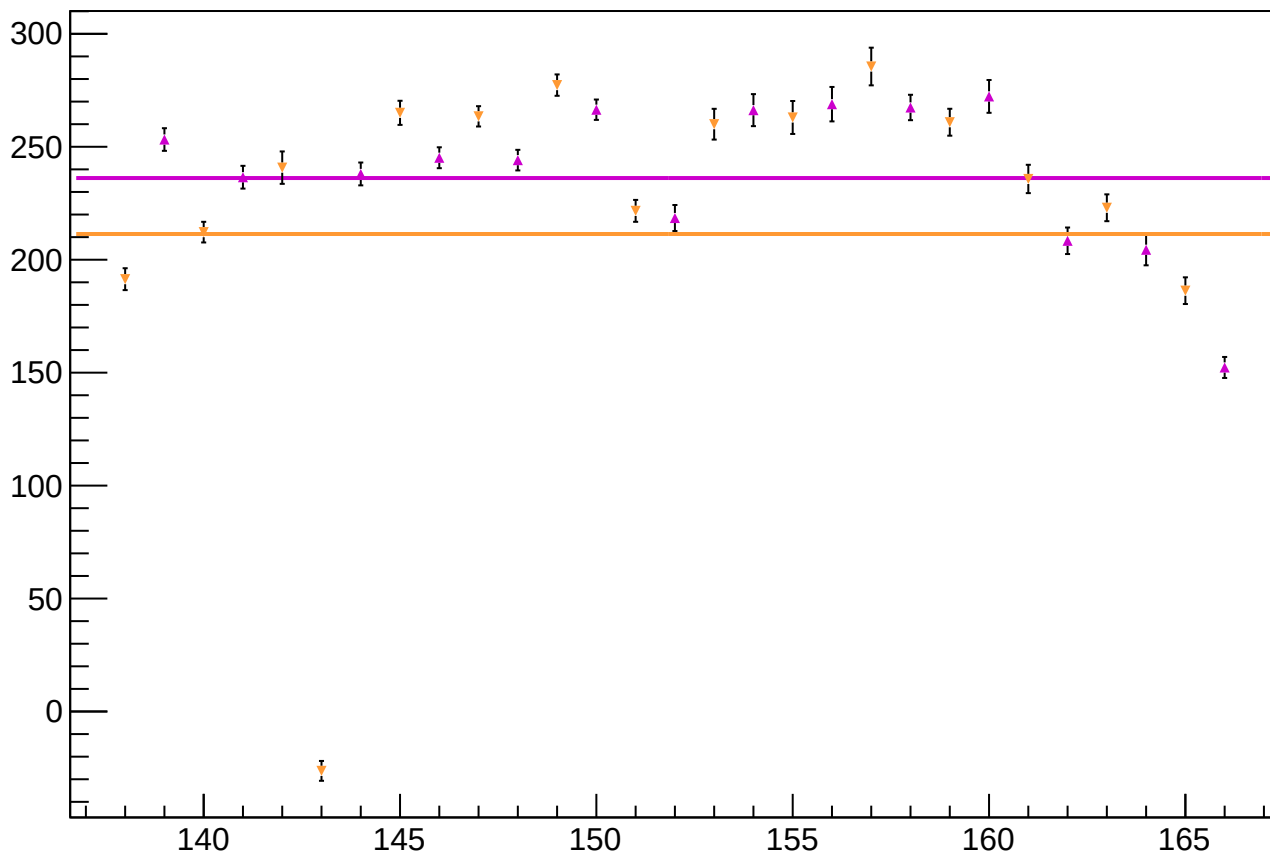
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -143.947+/-0.049 χ^2/NDF : 392487.8/30

Out: -131.045+/-0.047 χ^2/NDF : 984000.5/32

All: -137.253+/-0.034 χ^2/NDF : 1412046.4/63

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: 211.386+/-1.416 χ^2/NDF :3677.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 236.162+/-1.448 χ^2/NDF :534.0/13

Left: 223.494+/-1.013 χ^2/NDF : 4361.3/28

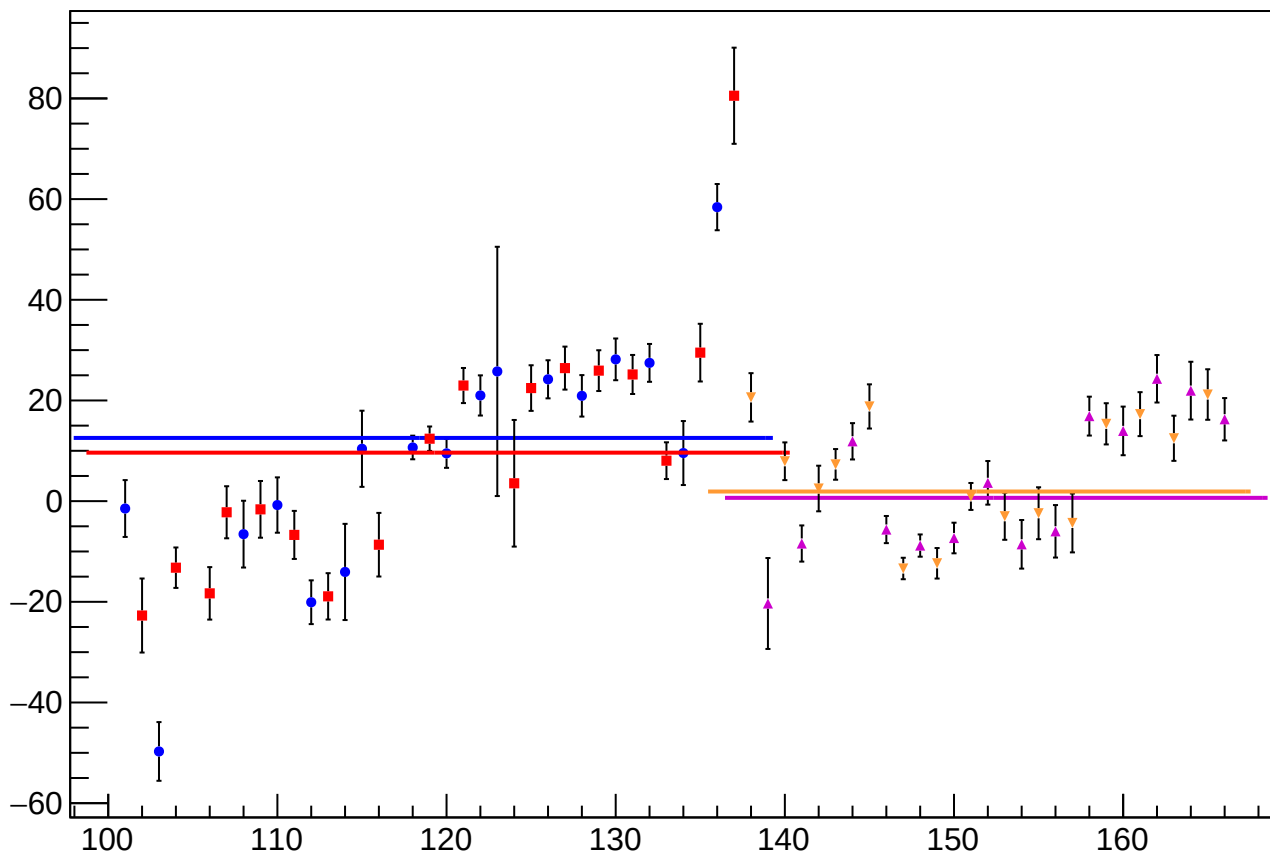
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 236.162+/-1.448 χ^2/NDF :534.0/13

Out: 211.386+/-1.416 χ^2/NDF :3677.7/14

All: 223.494+/-1.013 χ^2/NDF : 4361.3/28

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 1.912 $\pm$ 0.951 χ^2 /NDF:155.8/14

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: 0.655 $\pm$ 1.004 χ^2 /NDF:135.9/13

Left: 1.318 $\pm$ 0.691 χ^2 /NDF: 292.5/28

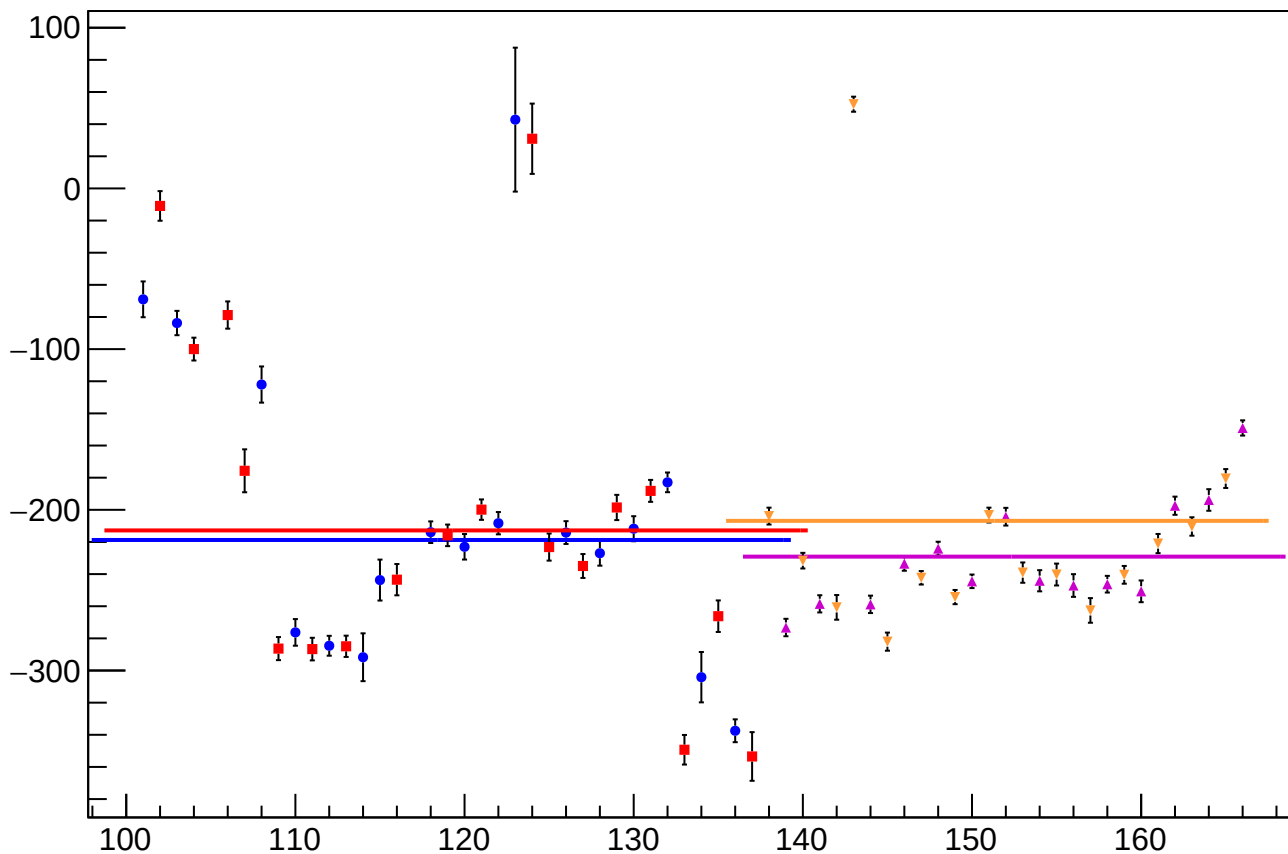
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 6.300 $\pm$ 0.728 χ^2 /NDF:551.1/30

Out: 5.394 $\pm$ 0.705 χ^2 /NDF:473.0/32

All: 5.832 $\pm$ 0.506 χ^2 /NDF: 1024.9/63

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: -206.864 ± 1.399 $\chi^2/\text{NDF}: 3664.3/14$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -229.131 ± 1.417 $\chi^2/\text{NDF}: 540.0/13$

Left: -217.860 ± 0.995 $\chi^2/\text{NDF}: 4329.4/28$

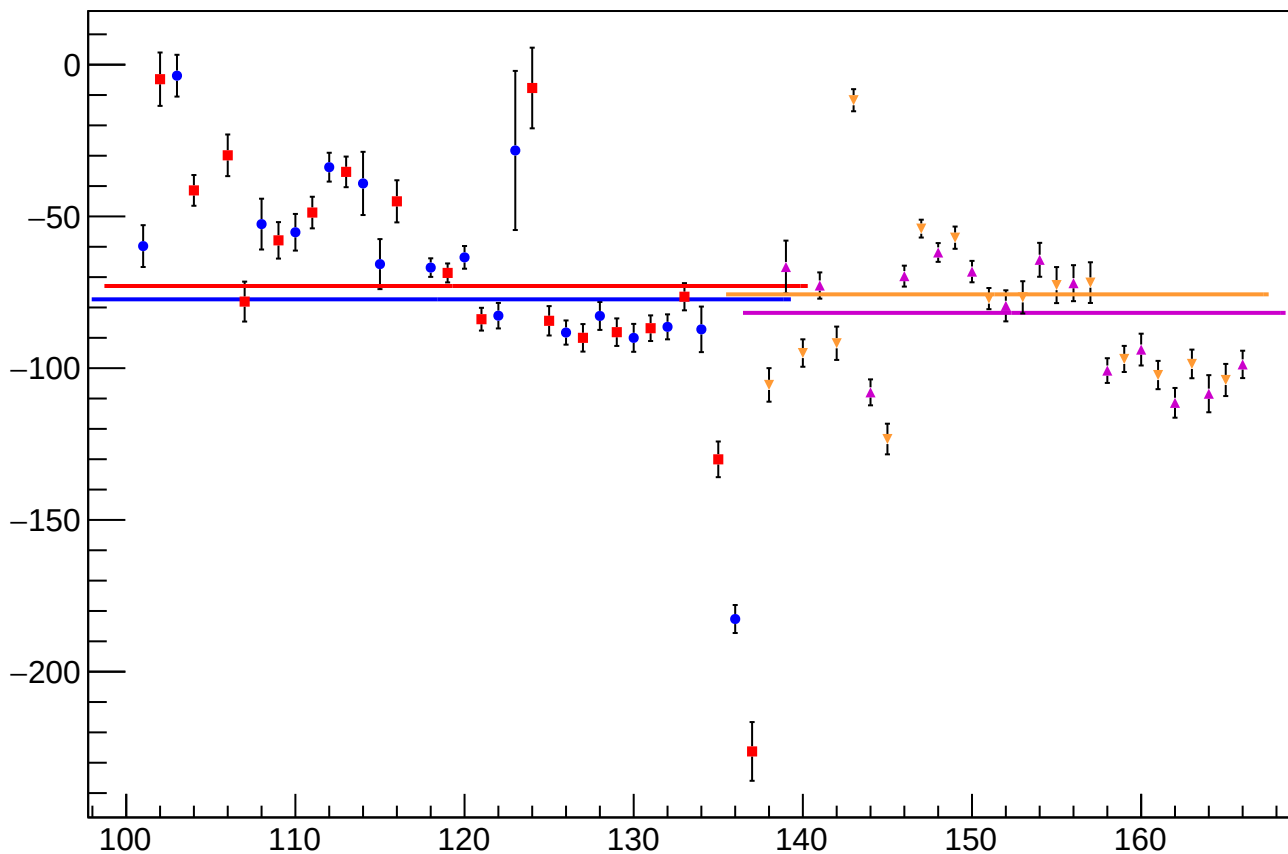
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -225.693 ± 1.158 $\chi^2/\text{NDF}: 1702.2/30$

Out: -208.920 ± 1.132 $\chi^2/\text{NDF}: 5495.1/32$

All: -217.117 ± 0.809 $\chi^2/\text{NDF}: 7304.5/63$

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: -75.675 ± 1.141 χ^2/NDF : 643.7/14

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -81.777 ± 1.193 χ^2/NDF : 223.0/13

Left: -78.590 ± 0.824 χ^2/NDF : 880.4/28

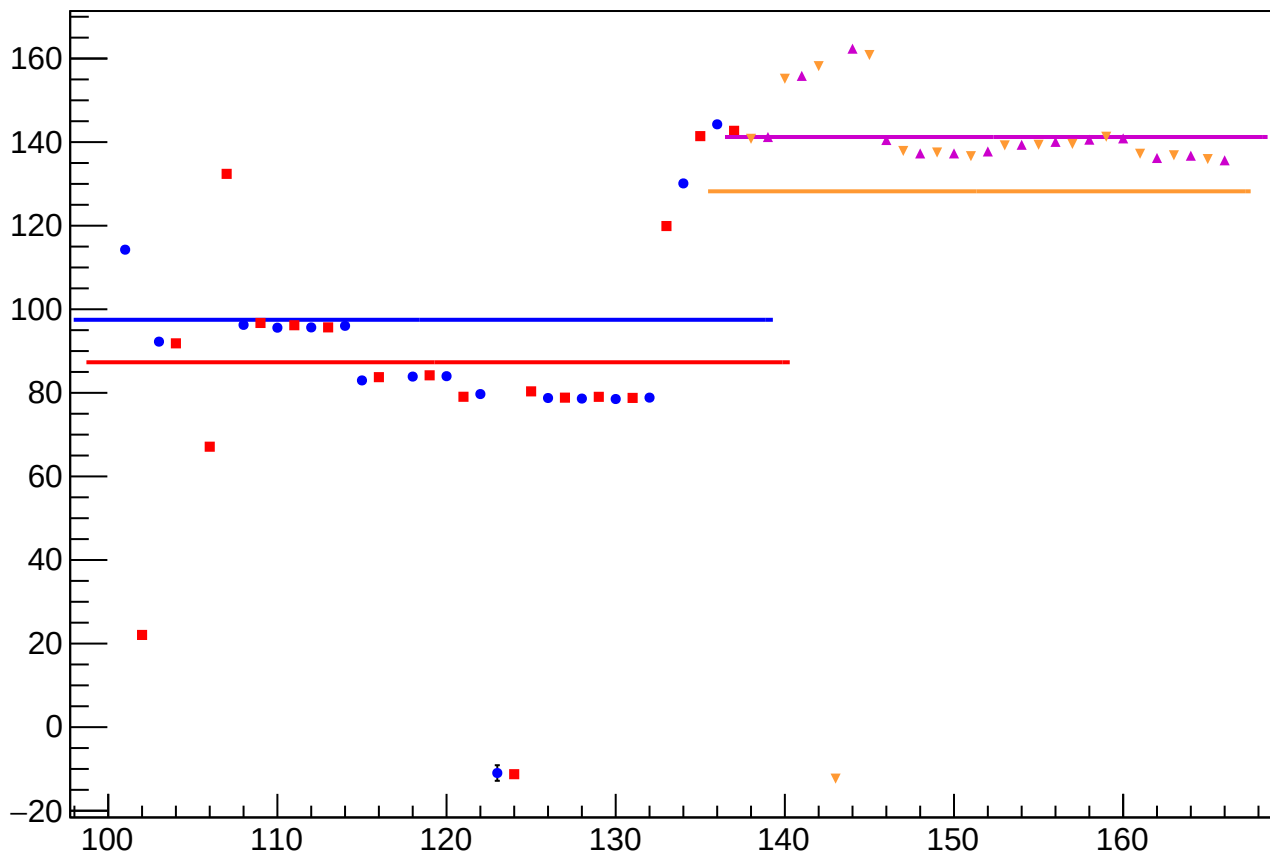
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.602 ± 0.853 χ^2/NDF : 1047.5/30

Out: -74.377 ± 0.829 χ^2/NDF : 1307.2/32

All: -76.915 ± 0.595 χ^2/NDF : 2374.1/63

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: 128.225+/-0.056 χ^2/NDF : 629694.3/14

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 141.224+/-0.057 χ^2/NDF : 15296.9/13

Left: 134.648+/-0.040 χ^2/NDF : 671415.5/28

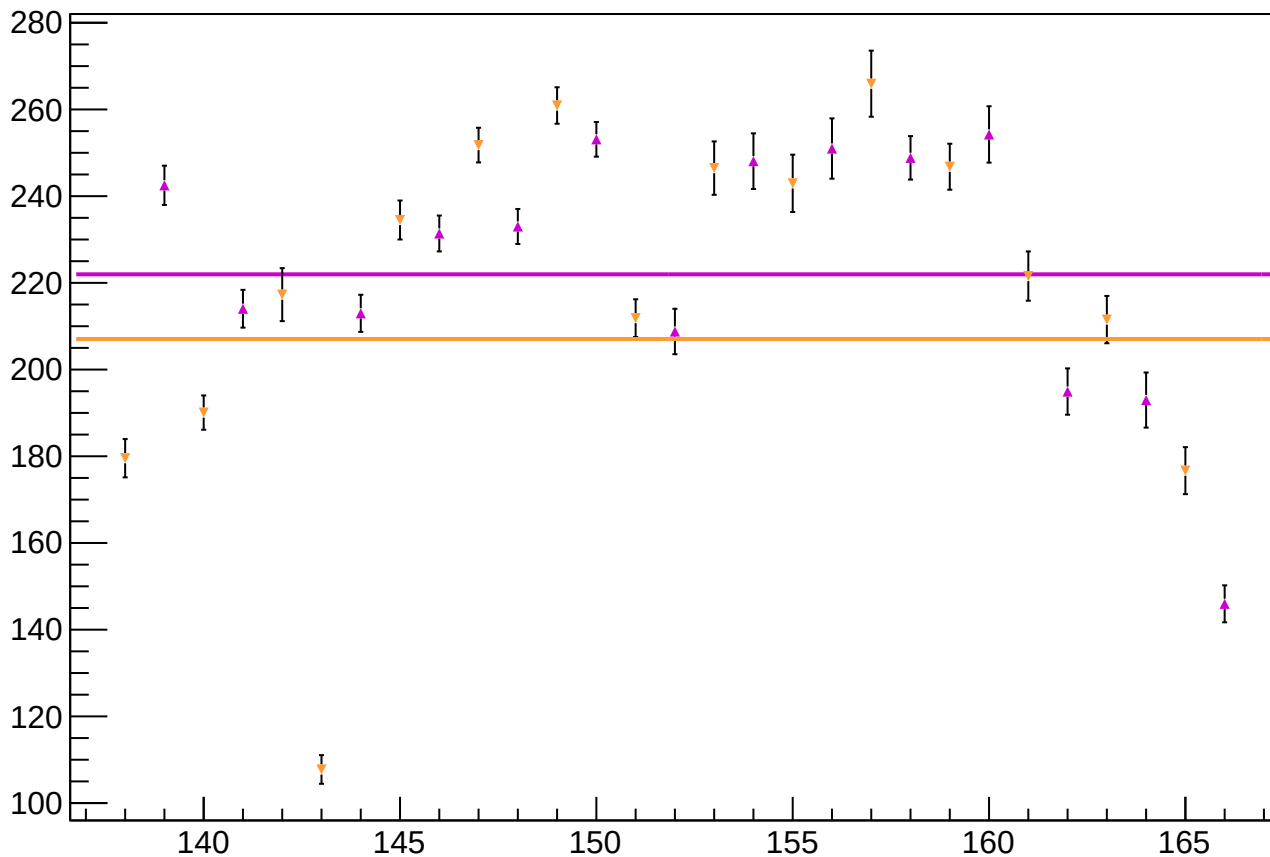
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 124.803+/-0.045 χ^2/NDF : 331710.3/30

Out: 111.717+/-0.043 χ^2/NDF : 1065264.8/32

All: 118.033+/-0.031 χ^2/NDF : 1440823.9/63

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: 207.049+/-1.235 χ^2/NDF :1514.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 221.970+/-1.293 χ^2/NDF :559.4/13

Left: 214.166+/-0.893 χ^2/NDF : 2143.4/28

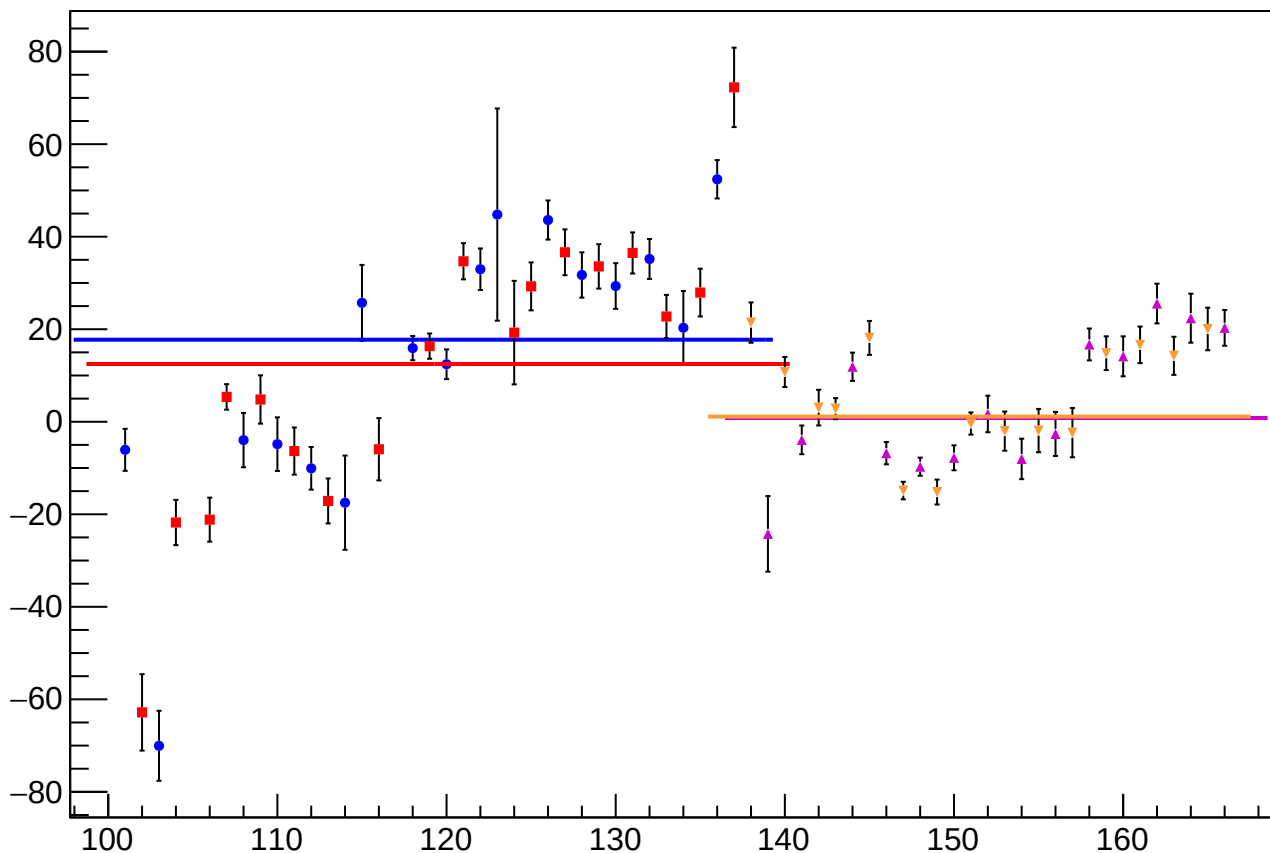
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 221.970+/-1.293 χ^2/NDF :559.4/13

Out: 207.049+/-1.235 χ^2/NDF :1514.3/14

All: 214.166+/-0.893 χ^2/NDF : 2143.4/28

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: 1.121 $\pm$ 0.829 χ^2 /NDF: 219.3/14

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: 0.815 $\pm$ 0.894 χ^2 /NDF: 184.6/13

Left: 0.979 $\pm$ 0.608 χ^2 /NDF: 404.0/28

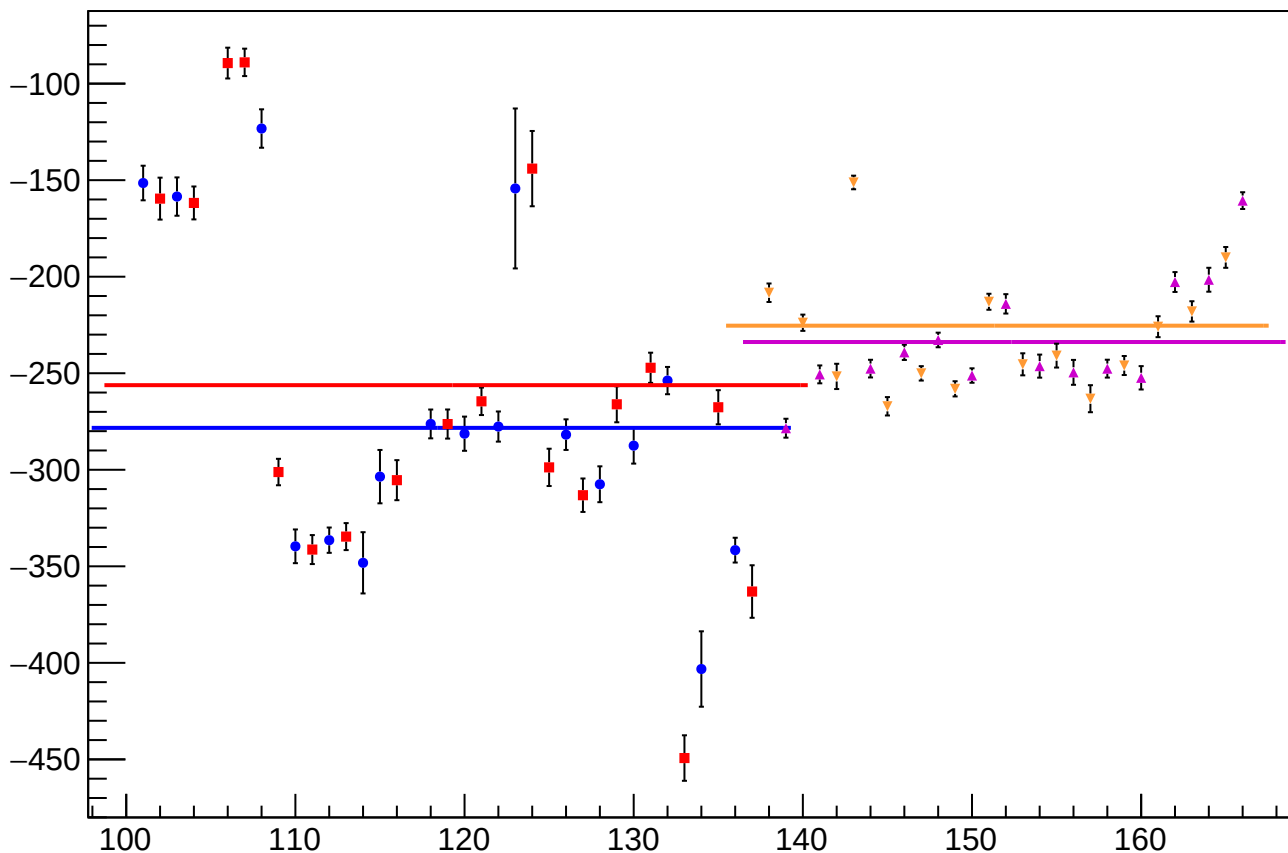
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 7.198 $\pm$ 0.705 χ^2 /NDF: 713.8/30

Out: 5.309 $\pm$ 0.659 χ^2 /NDF: 717.7/32

All: 6.189 $\pm$ 0.481 χ^2 /NDF: 1435.3/63

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -225.366 ± 1.226 χ^2/NDF : 780.6/14

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -233.826 ± 1.266 χ^2/NDF : 520.8/13

Left: -229.459 ± 0.881 χ^2/NDF : 1324.4/28

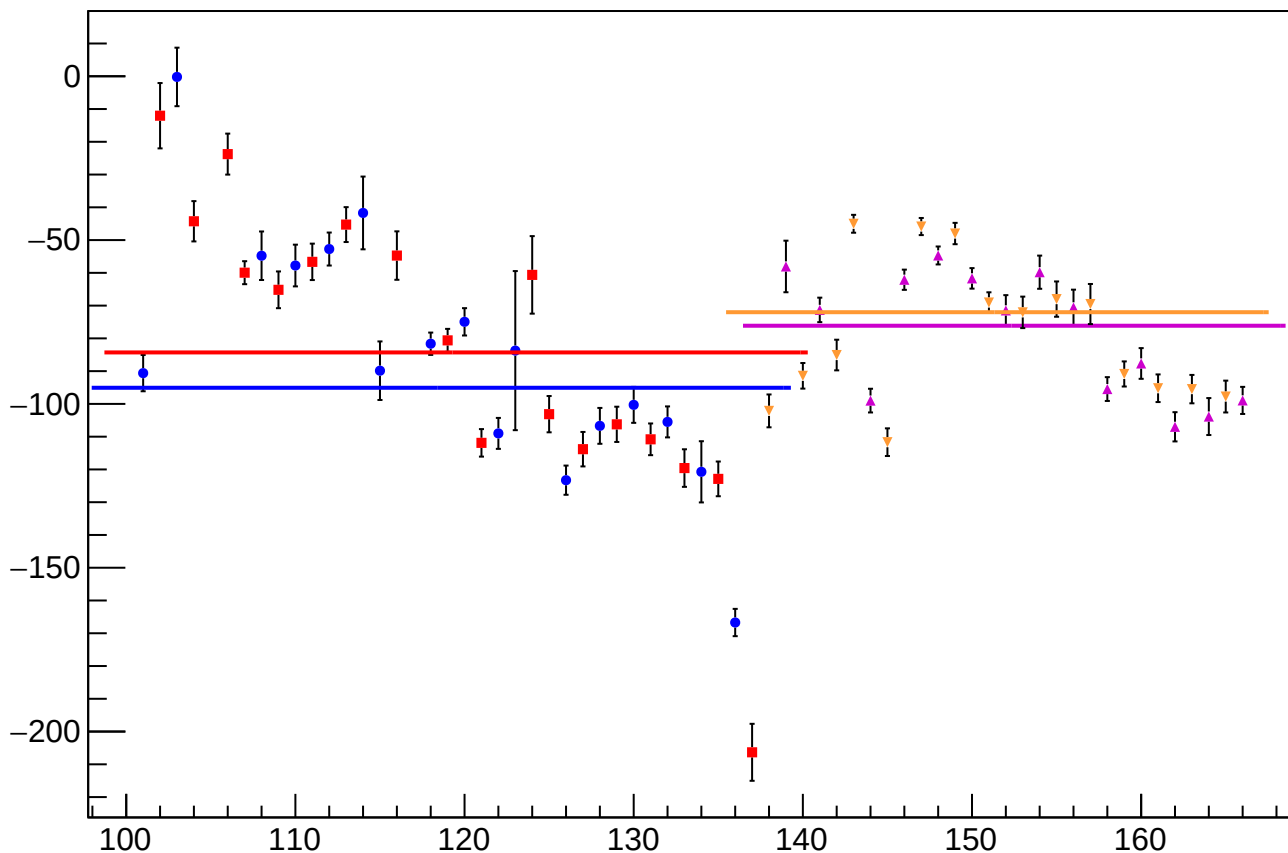
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -245.103 ± 1.094 χ^2/NDF : 1743.6/30

Out: -233.628 ± 1.049 χ^2/NDF : 2902.2/32

All: -239.123 ± 0.757 χ^2/NDF : 4703.2/63

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: -72.011 ± 0.995 χ^2/NDF : 522.7/14

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.140 ± 1.063 χ^2/NDF : 299.3/13

Left: -73.940 ± 0.727 χ^2/NDF : 830.0/28

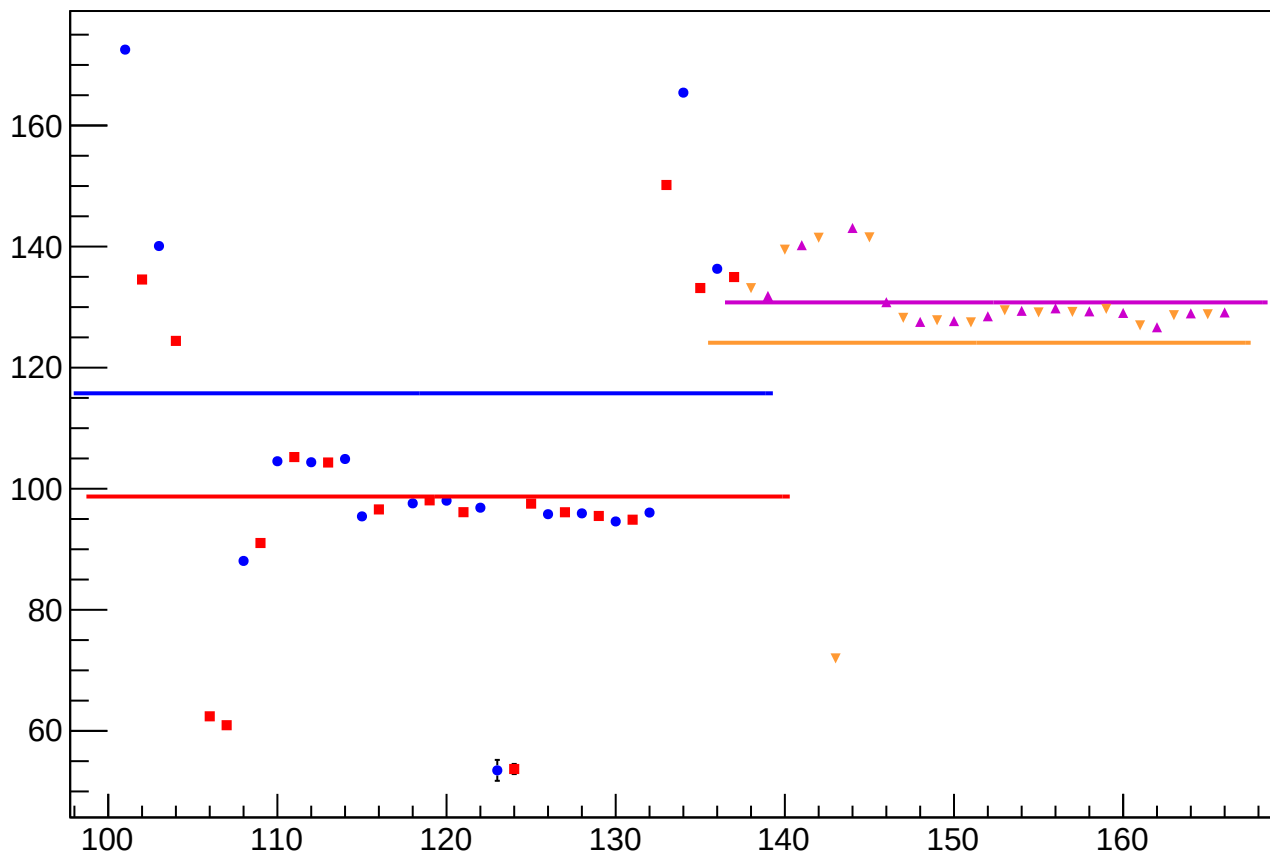
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.552 ± 0.829 χ^2/NDF : 1096.7/30

Out: -76.737 ± 0.781 χ^2/NDF : 1350.0/32

All: -79.939 ± 0.568 χ^2/NDF : 2482.5/63

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: 124.115 $\pm$ 0.049 χ^2 /NDF:162522.3/14

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.777 $\pm$ 0.051 χ^2 /NDF:8000.1/13

Left: 127.341 $\pm$ 0.035 χ^2 /NDF: 179357.5/28

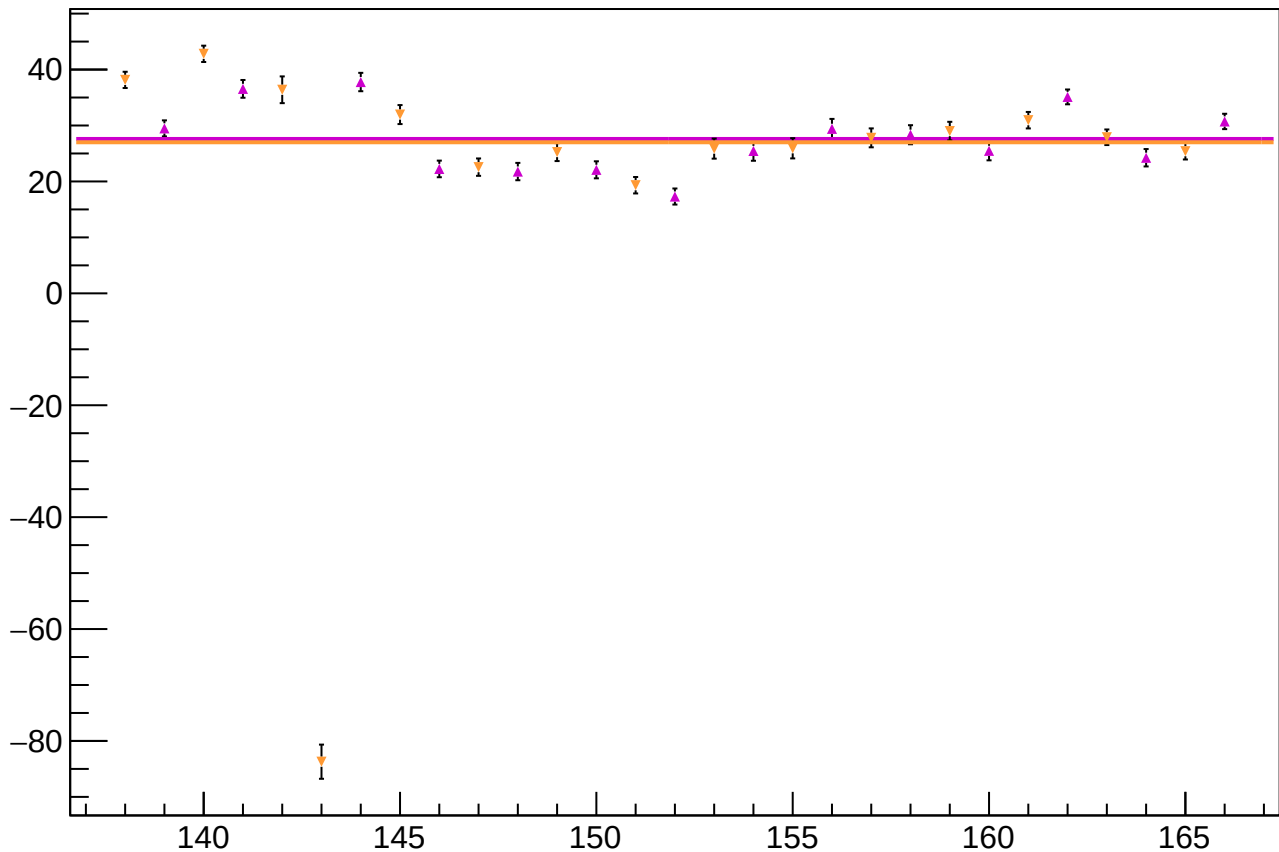
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.300 $\pm$ 0.043 χ^2 /NDF:140243.3/30

Out: 115.477 $\pm$ 0.040 χ^2 /NDF:422902.2/32

All: 120.552 $\pm$ 0.029 χ^2 /NDF: 597359.2/63

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 27.004 $\pm$ 0.422 χ^2 /NDF:1560.9/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 27.593 $\pm$ 0.412 χ^2 /NDF:209.9/13

Left: 27.306 $\pm$ 0.295 χ^2 /NDF: 1771.7/28

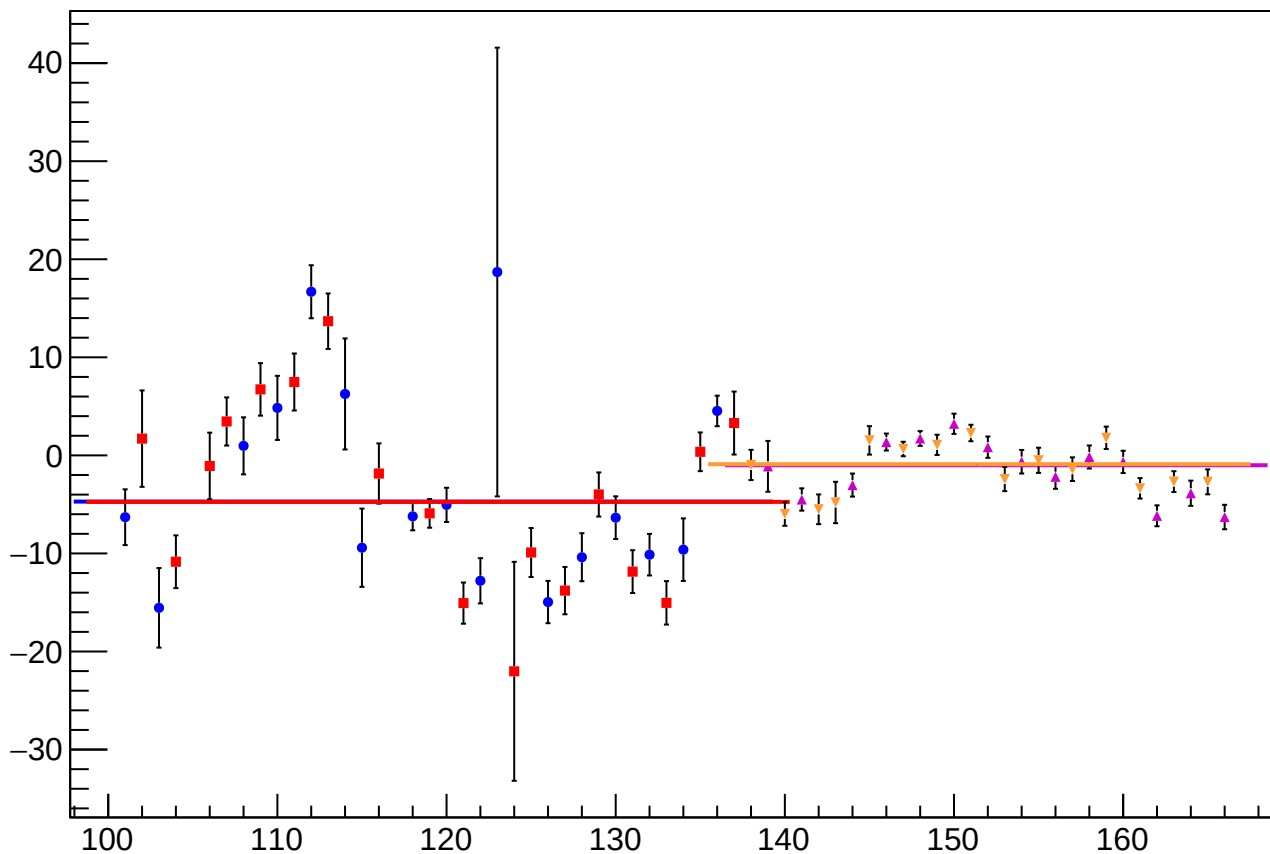
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.593 $\pm$ 0.412 χ^2 /NDF:209.9/13

Out: 27.004 $\pm$ 0.422 χ^2 /NDF:1560.9/14

All: 27.306 $\pm$ 0.295 χ^2 /NDF: 1771.7/28

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -0.903 ± 0.294 $\chi^2/\text{NDF}: 73.3/14$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: -1.007 ± 0.295 $\chi^2/\text{NDF}: 100.6/13$

Left: -0.955 ± 0.208 $\chi^2/\text{NDF}: 173.9/28$

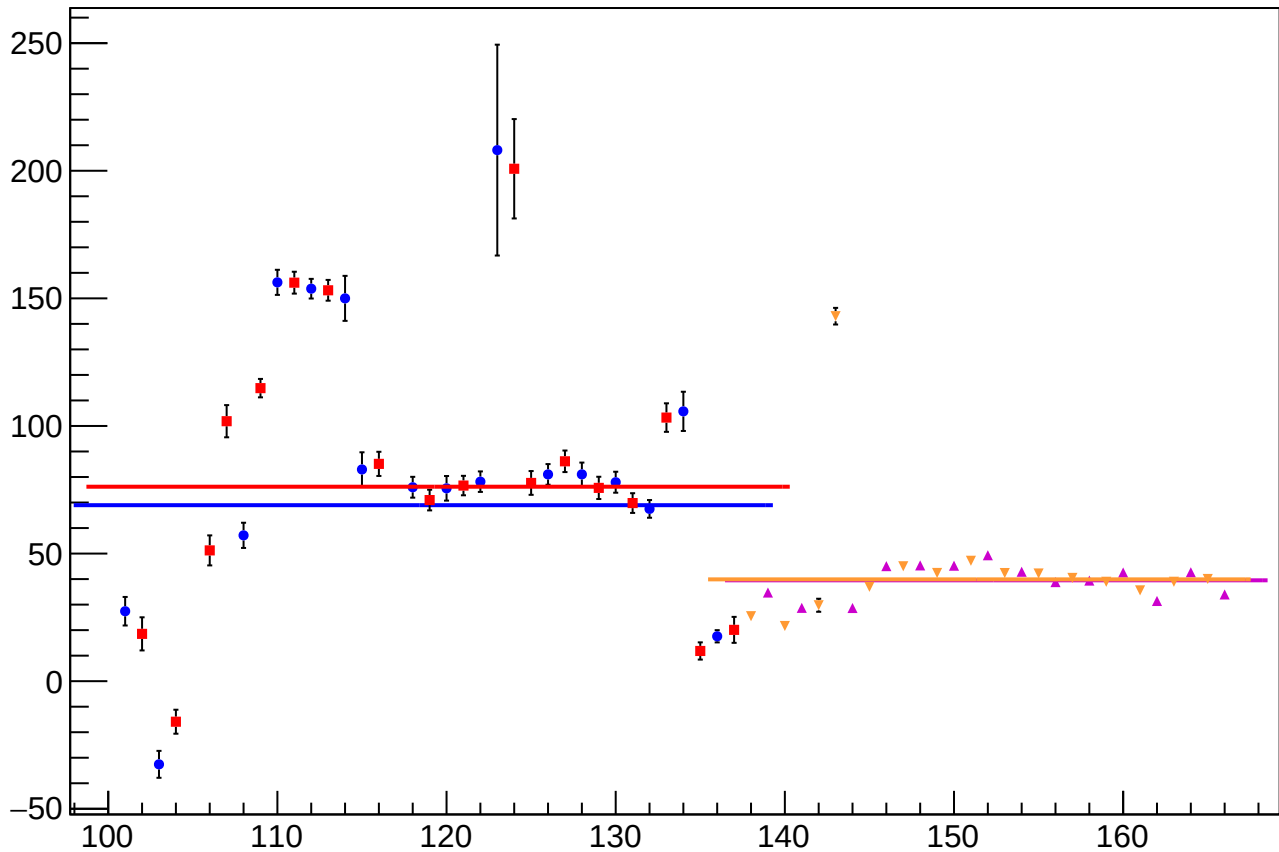
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.766 ± 0.263 $\chi^2/\text{NDF}: 307.6/30$

Out: -1.676 ± 0.263 $\chi^2/\text{NDF}: 297.0/32$

All: -1.721 ± 0.186 $\chi^2/\text{NDF}: 604.7/63$

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: 39.892 ± 0.413 $\chi^2/\text{NDF}: 1298.3/14$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 39.521 ± 0.402 $\chi^2/\text{NDF}: 255.5/13$

Left: 39.701 ± 0.288 $\chi^2/\text{NDF}: 1554.3/28$

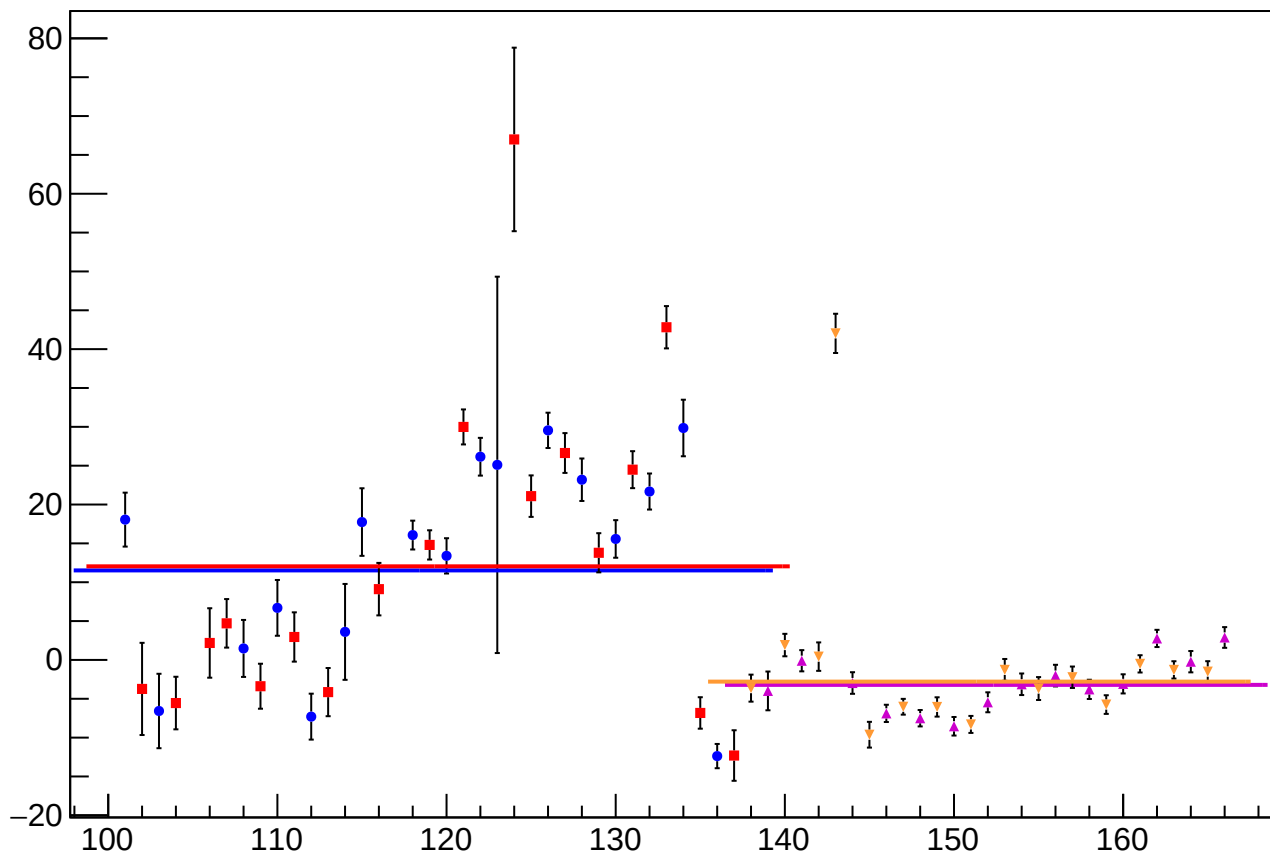
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.108 ± 0.377 $\chi^2/\text{NDF}: 2753.3/30$

Out: 44.584 ± 0.385 $\chi^2/\text{NDF}: 4180.0/32$

All: 43.829 ± 0.269 $\chi^2/\text{NDF}: 6940.9/63$

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: -2.792 ± 0.344 $\chi^2/\text{NDF}: 403.1/14$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.212 ± 0.343 $\chi^2/\text{NDF}: 111.5/13$

Left: -3.002 ± 0.243 $\chi^2/\text{NDF}: 515.3/28$

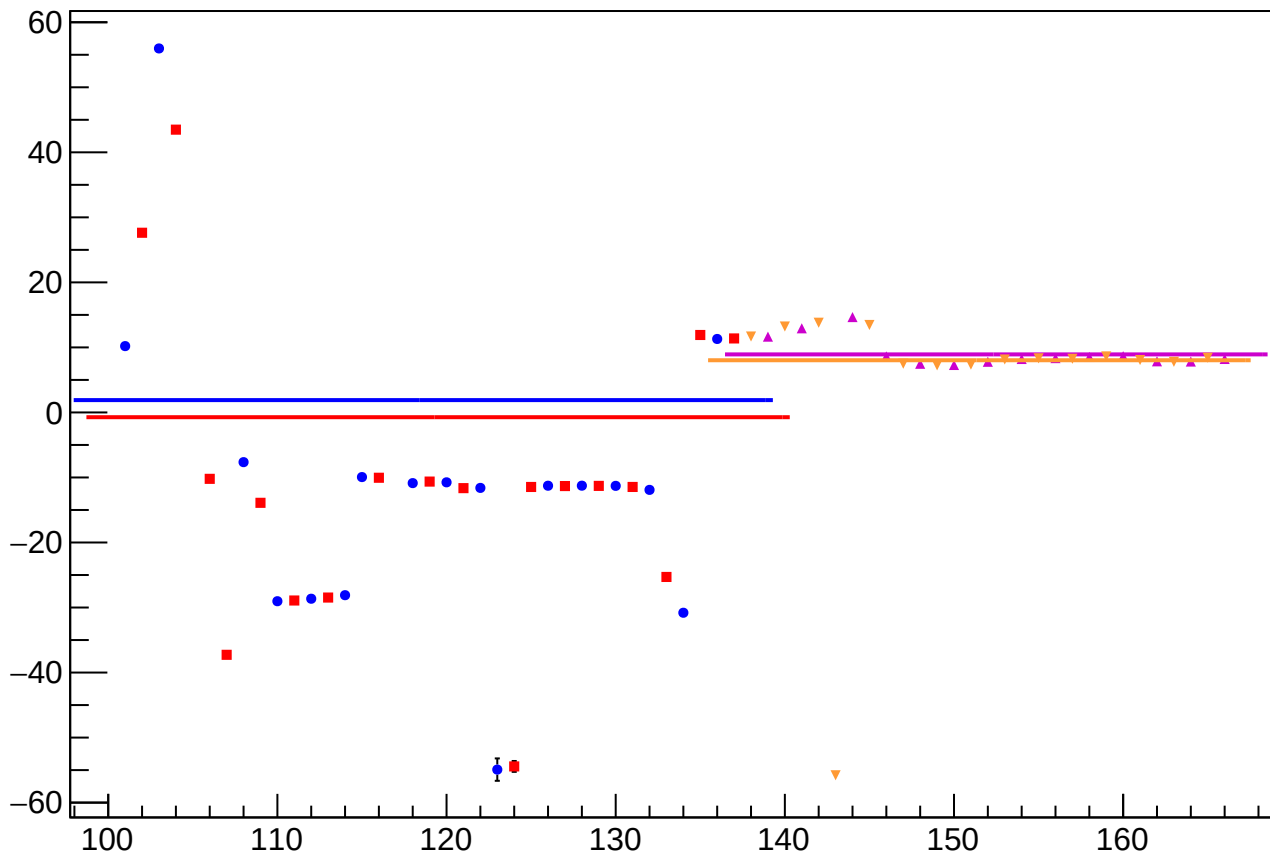
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.074 ± 0.305 $\chi^2/\text{NDF}: 981.1/30$

Out: 0.348 ± 0.306 $\chi^2/\text{NDF}: 1334.9/32$

All: 0.136 ± 0.216 $\chi^2/\text{NDF}: 2316.9/63$

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: 8.025 $\pm$ 0.016 χ^2 /NDF:256514.3/14

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 8.926 $\pm$ 0.016 χ^2 /NDF:14468.6/13

Left: 8.485 $\pm$ 0.011 χ^2 /NDF: 272562.1/28

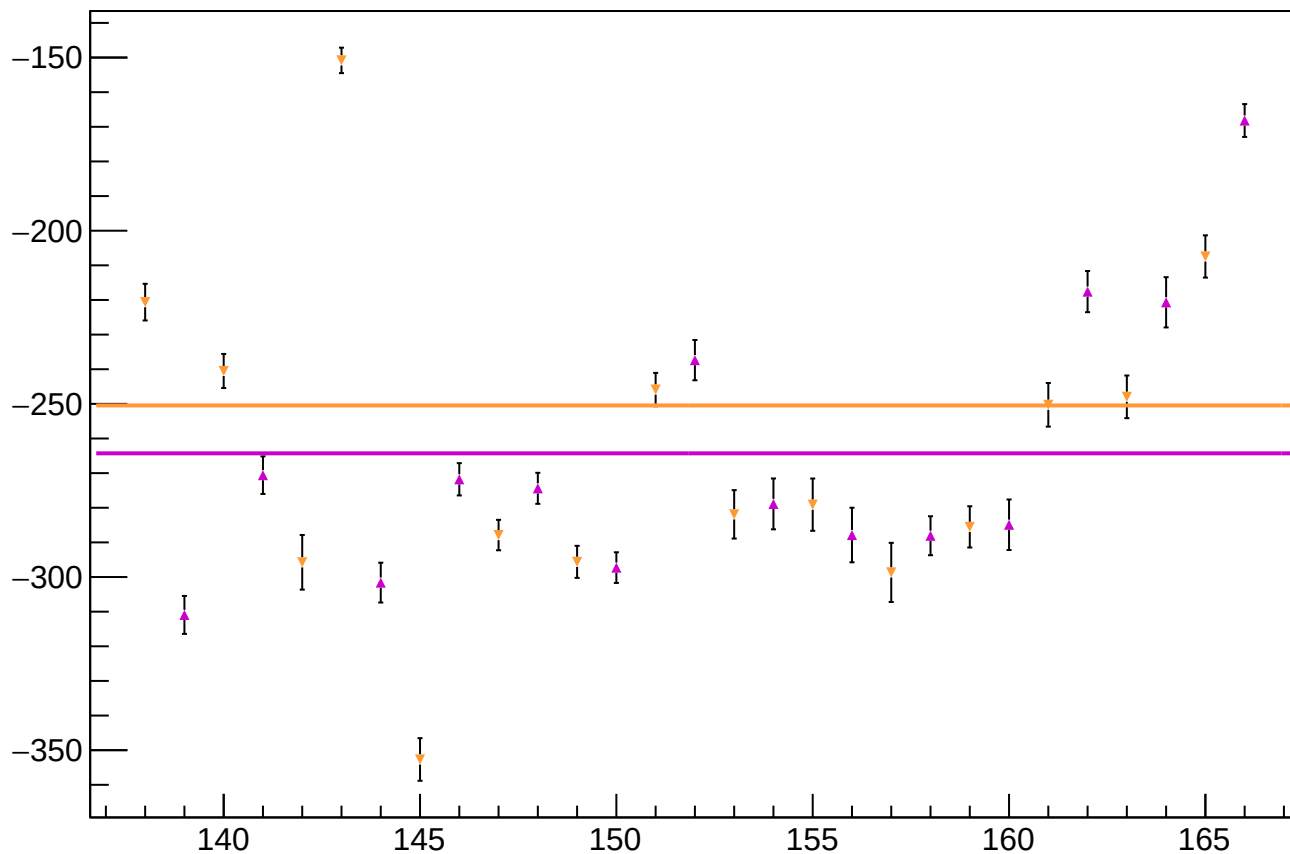
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.837 $\pm$ 0.015 χ^2 /NDF:403758.4/30

Out: 6.626 $\pm$ 0.015 χ^2 /NDF:663239.1/32

All: 7.242 $\pm$ 0.010 χ^2 /NDF: 1070383.5/63

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: -250.452+/-1.423 χ^2/NDF :1399.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -264.285+/-1.490 χ^2/NDF :747.8/13

Left: -257.054+/-1.029 χ^2/NDF : 2192.0/28

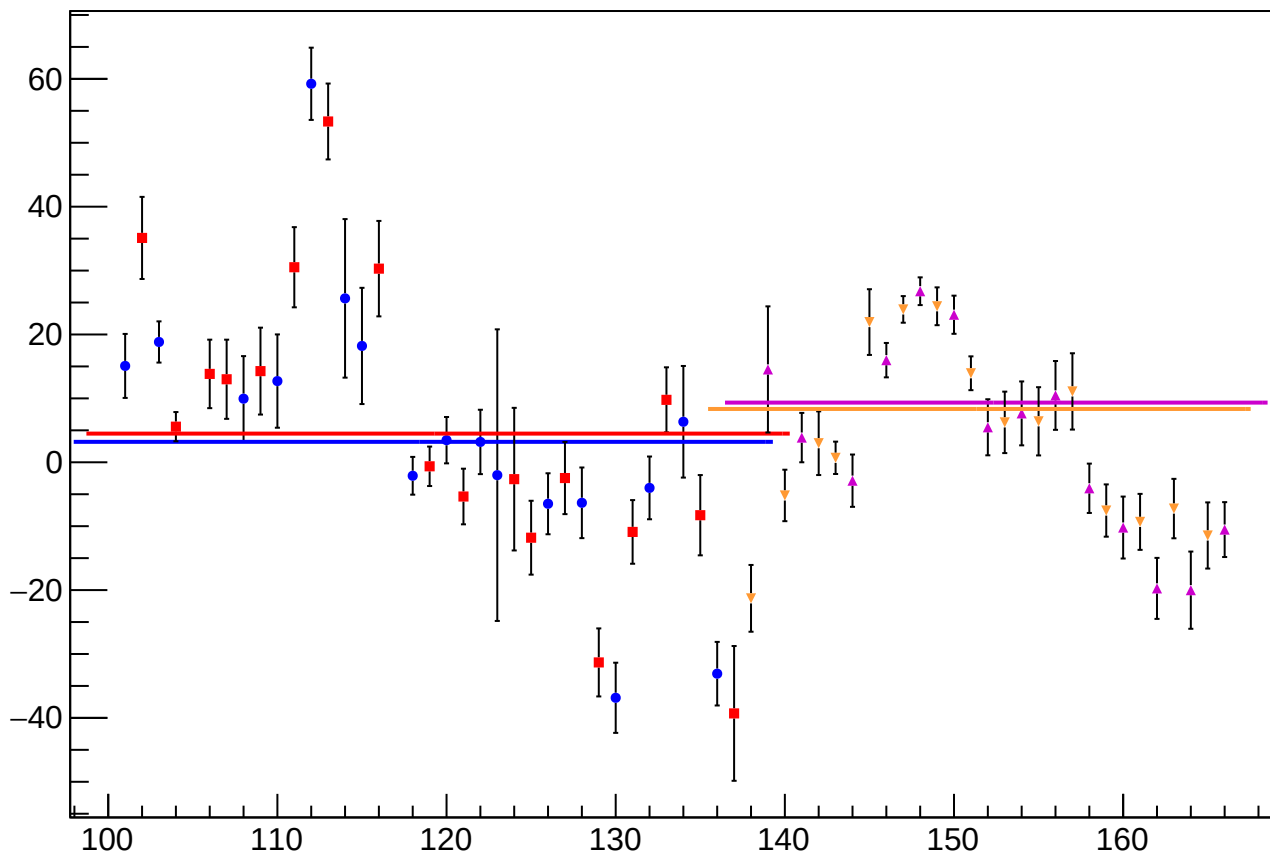
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.285+/-1.490 χ^2/NDF :747.8/13

Out: -250.452+/-1.423 χ^2/NDF :1399.1/14

All: -257.054+/-1.029 χ^2/NDF : 2192.0/28

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: 8.343 ± 0.944 χ^2/NDF : 208.4/14

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 9.339 ± 1.020 χ^2/NDF : 214.4/13

Left: 8.803 ± 0.693 χ^2/NDF : 423.3/28

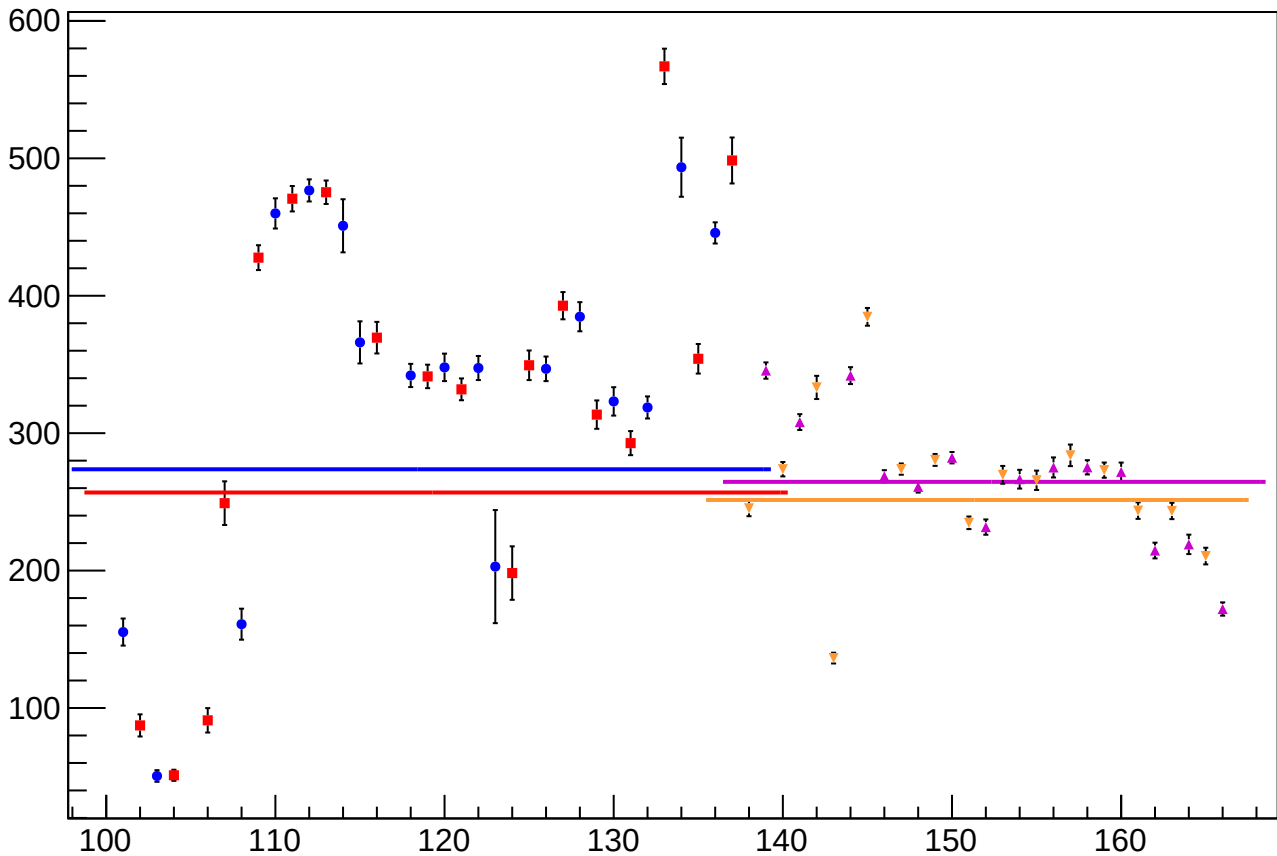
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 6.831 ± 0.784 χ^2/NDF : 484.3/30

Out: 6.805 ± 0.732 χ^2/NDF : 436.8/32

All: 6.817 ± 0.535 χ^2/NDF : 921.2/63

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 251.387 $\pm$ 1.405 χ^2 /NDF:1583.1/14

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 264.573 $\pm$ 1.451 χ^2 /NDF:947.5/13

Left: 257.767 $\pm$ 1.009 χ^2 /NDF: 2573.2/28

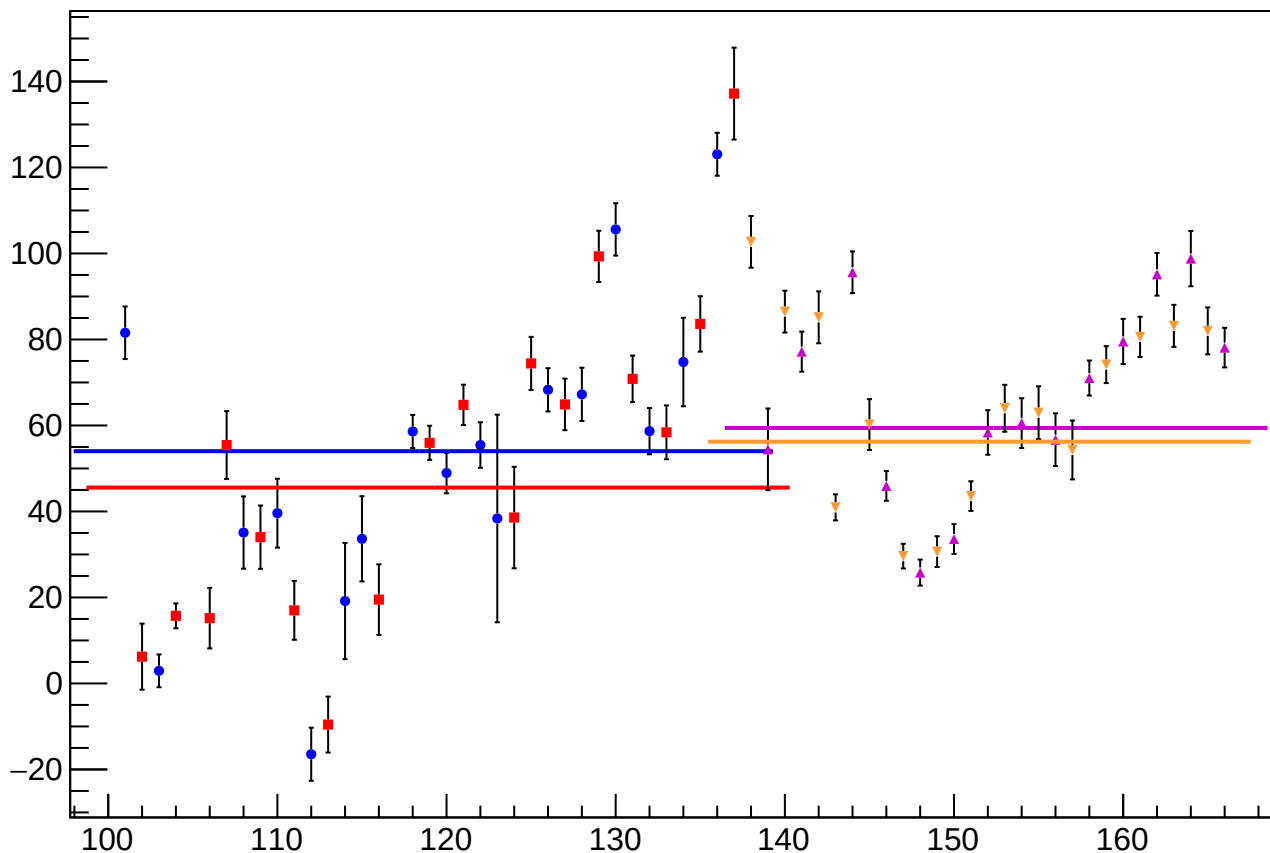
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 267.354 $\pm$ 1.210 χ^2 /NDF:6062.9/30

Out: 253.087 $\pm$ 1.165 χ^2 /NDF:7999.5/32

All: 259.948 $\pm$ 0.839 χ^2 /NDF: 14134.6/63

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 56.227 $\pm$ 1.136 χ^2 /NDF:398.1/14

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 59.421 $\pm$ 1.215 χ^2 /NDF:392.8/13

Left: 57.717 $\pm$ 0.830 χ^2 /NDF: 794.6/28

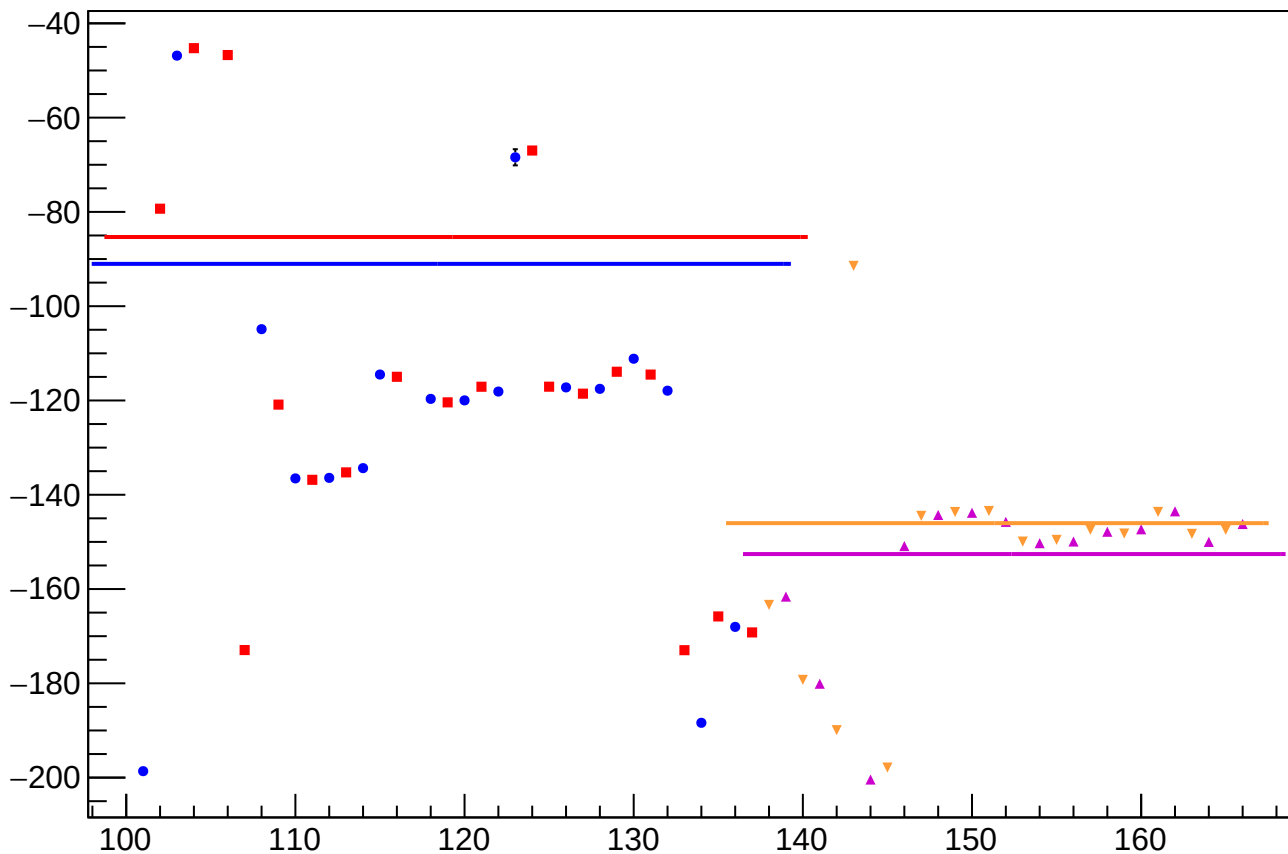
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.143 $\pm$ 0.924 χ^2 /NDF:1034.0/30

Out: 51.833 $\pm$ 0.871 χ^2 /NDF:961.1/32

All: 54.333 $\pm$ 0.634 χ^2 /NDF: 2012.6/63

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: -146.023+/-0.057 χ^2/NDF : 205699.4/14

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -152.578+/-0.058 χ^2/NDF : 56707.7/13

Left: -149.201+/-0.041 χ^2/NDF : 268909.8/28

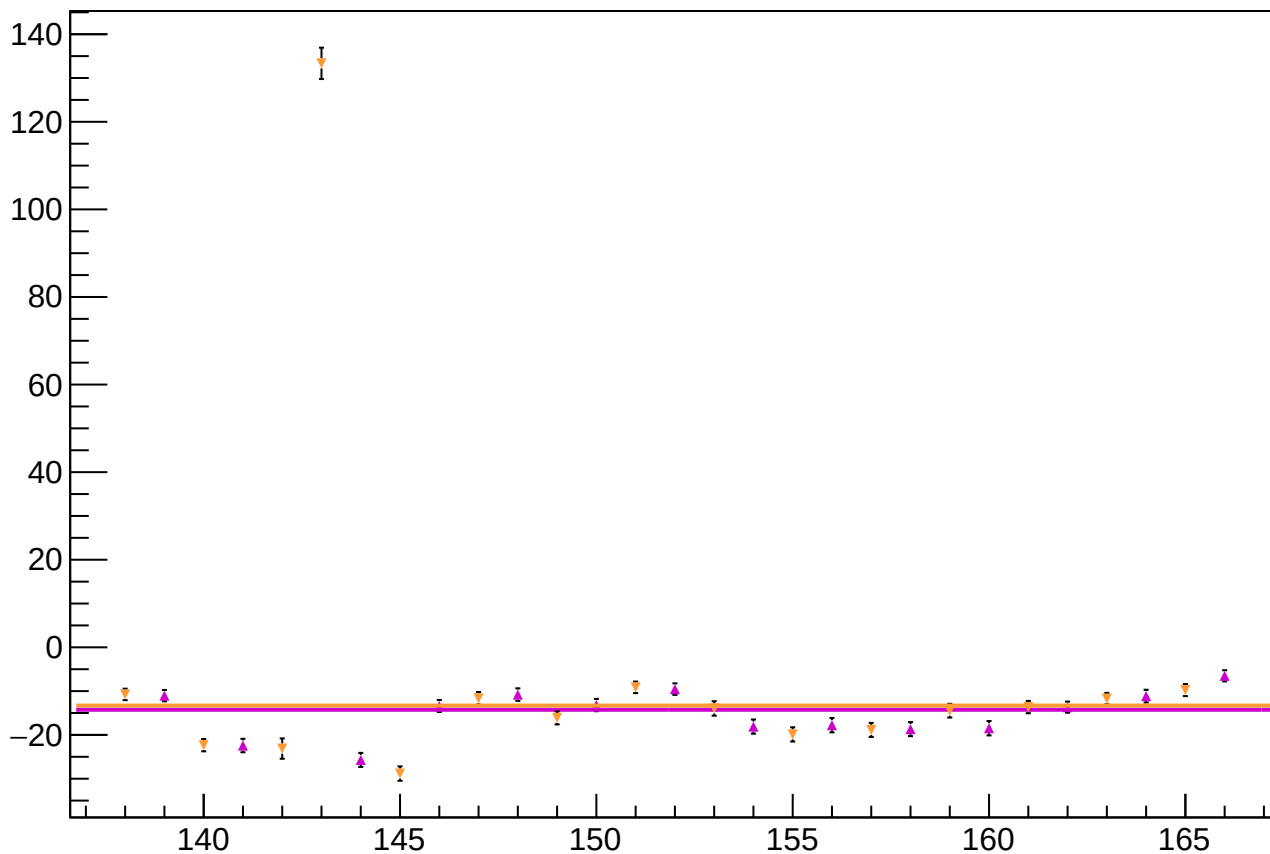
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -126.291+/-0.044 χ^2/NDF : 1066316.6/30

Out: -119.923+/-0.043 χ^2/NDF : 1183378.4/32

All: -123.002+/-0.031 χ^2/NDF : 2260433.1/63

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.299+/-0.396 χ^2/NDF :1880.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.258+/-0.386 χ^2/NDF :170.7/13

Left: -13.791+/-0.276 χ^2/NDF : 2054.1/28

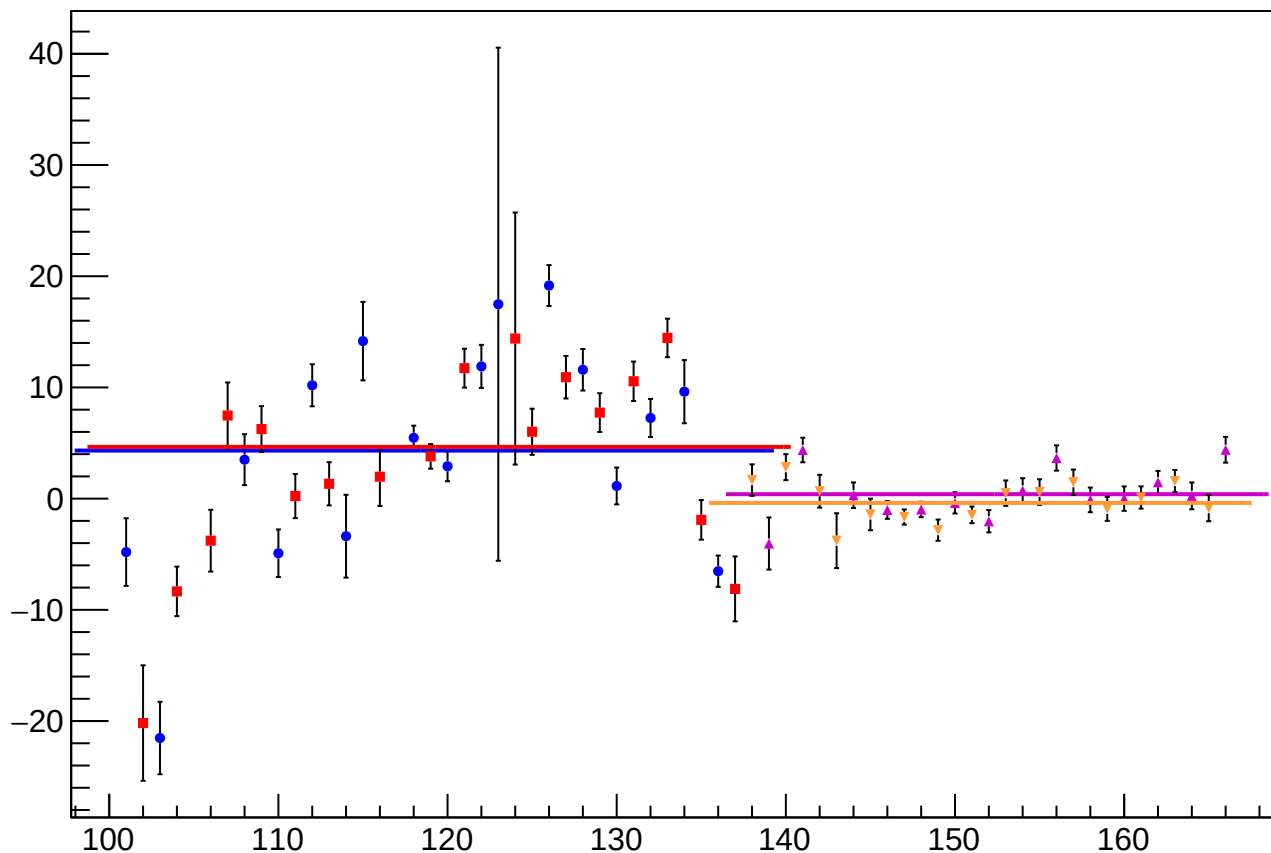
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.258+/-0.386 χ^2/NDF :170.7/13

Out: -13.299+/-0.396 χ^2/NDF :1880.4/14

All: -13.791+/-0.276 χ^2/NDF : 2054.1/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: -0.385 $\pm$ 0.275 χ^2 /NDF:33.2/14

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 0.398 $\pm$ 0.276 χ^2 /NDF:51.8/13

Left: 0.004 $\pm$ 0.195 χ^2 /NDF: 89.1/28

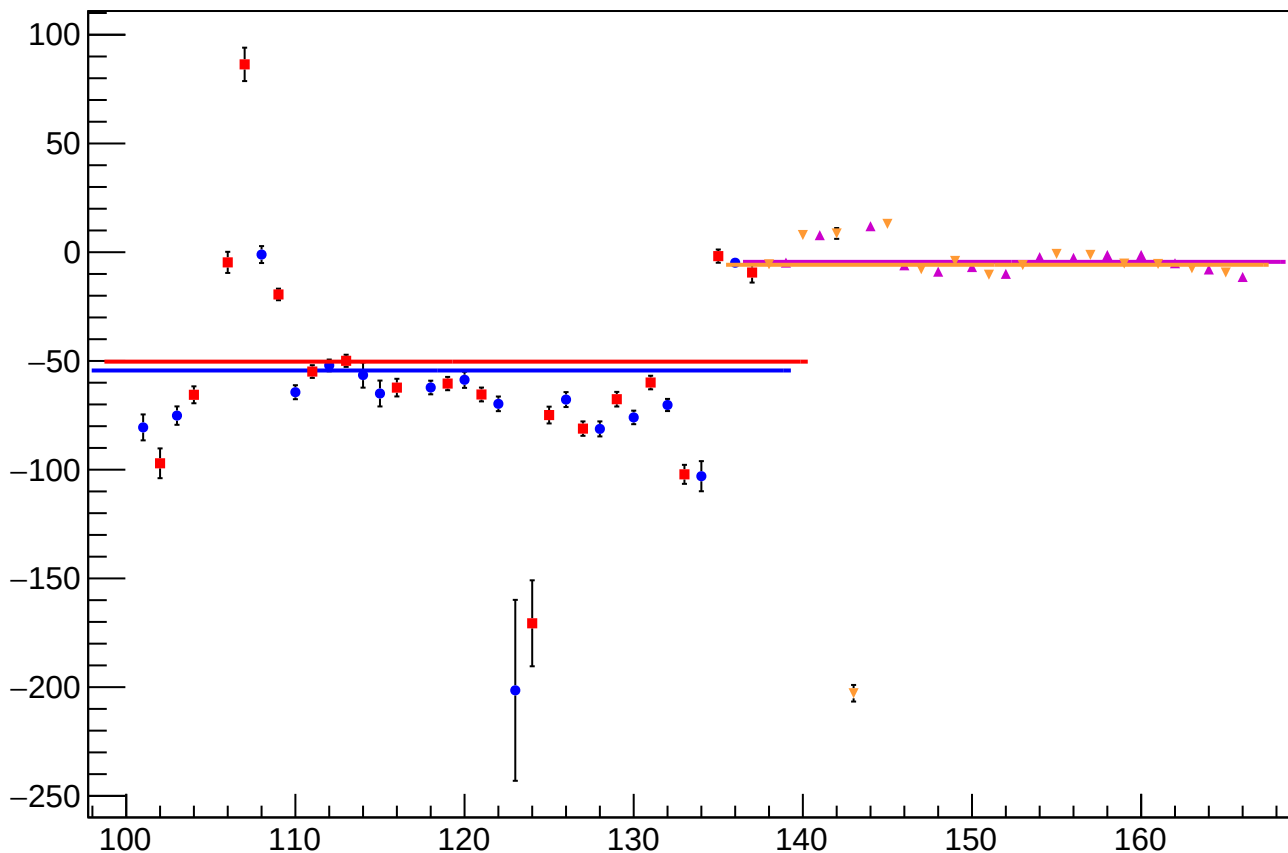
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 1.421 $\pm$ 0.238 χ^2 /NDF:384.7/30

Out: 0.882 $\pm$ 0.238 χ^2 /NDF:302.2/32

All: 1.151 $\pm$ 0.168 χ^2 /NDF: 689.5/63

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.774 ± 0.386 $\chi^2/\text{NDF}: 2943.6/14$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -4.434 ± 0.376 $\chi^2/\text{NDF}: 229.5/13$

Left: -5.086 ± 0.269 $\chi^2/\text{NDF}: 3179.3/28$

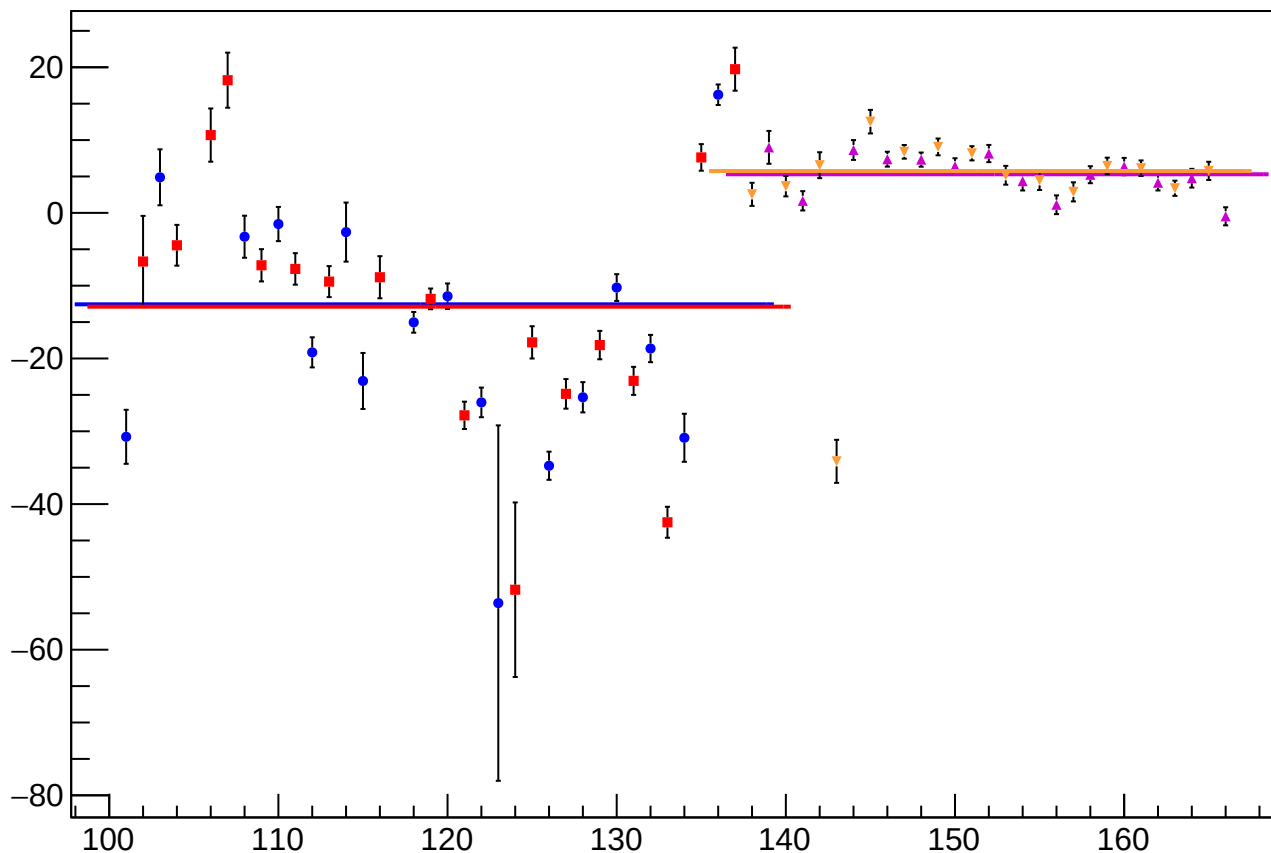
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.383 ± 0.345 $\chi^2/\text{NDF}: 4051.1/30$

Out: -13.275 ± 0.352 $\chi^2/\text{NDF}: 6502.5/32$

All: -12.819 ± 0.246 $\chi^2/\text{NDF}: 10556.9/63$

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: 5.746 ± 0.322 χ^2/NDF : 239.9/14

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.300 ± 0.322 χ^2/NDF : 66.4/13

Left: 5.523 ± 0.228 χ^2/NDF : 307.3/28

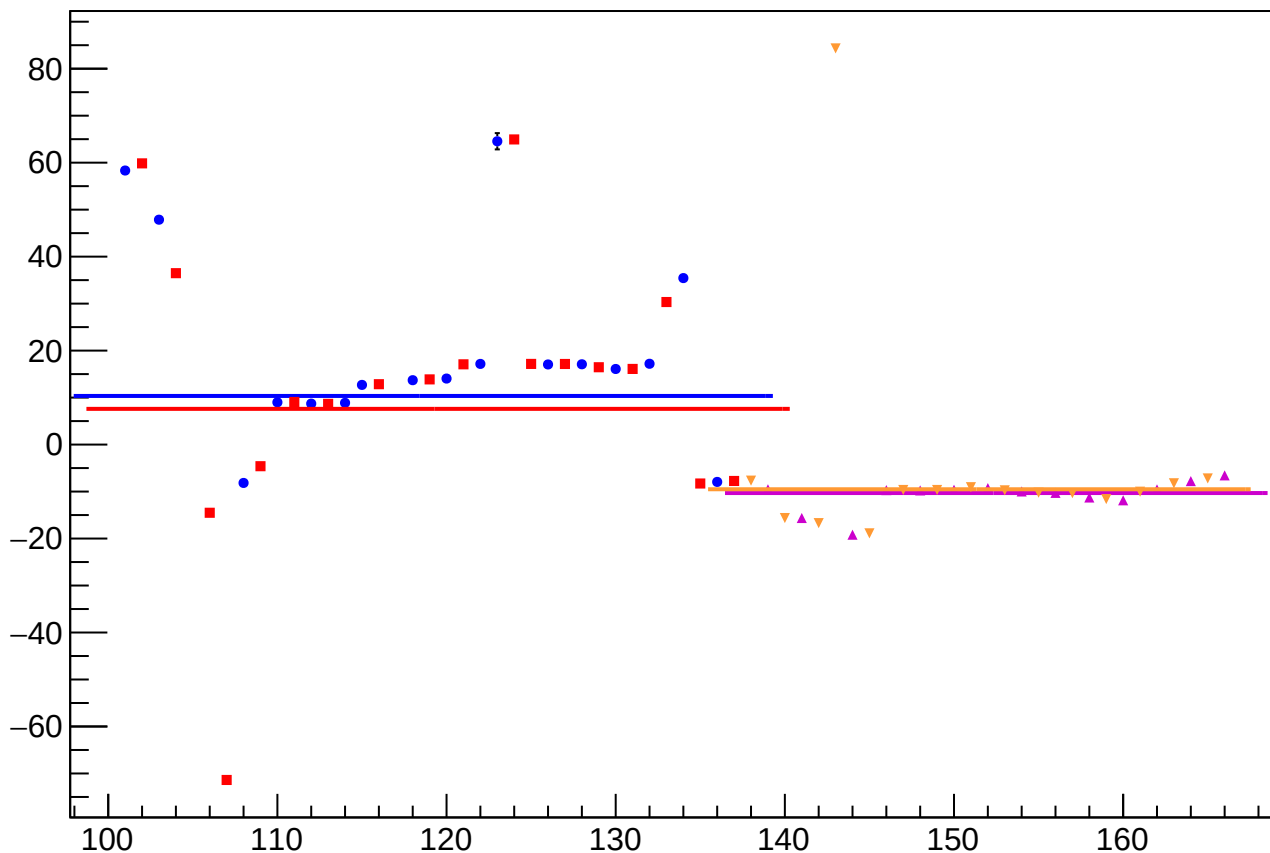
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.503 ± 0.275 χ^2/NDF : 1672.0/30

Out: 0.826 ± 0.277 χ^2/NDF : 1847.8/32

All: 0.664 ± 0.195 χ^2/NDF : 3520.5/63

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: -9.510+/-0.015 χ^2/NDF : 411662.3/14

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.316+/-0.015 χ^2/NDF : 28937.4/13

Left: -9.921+/-0.011 χ^2/NDF : 442042.7/28

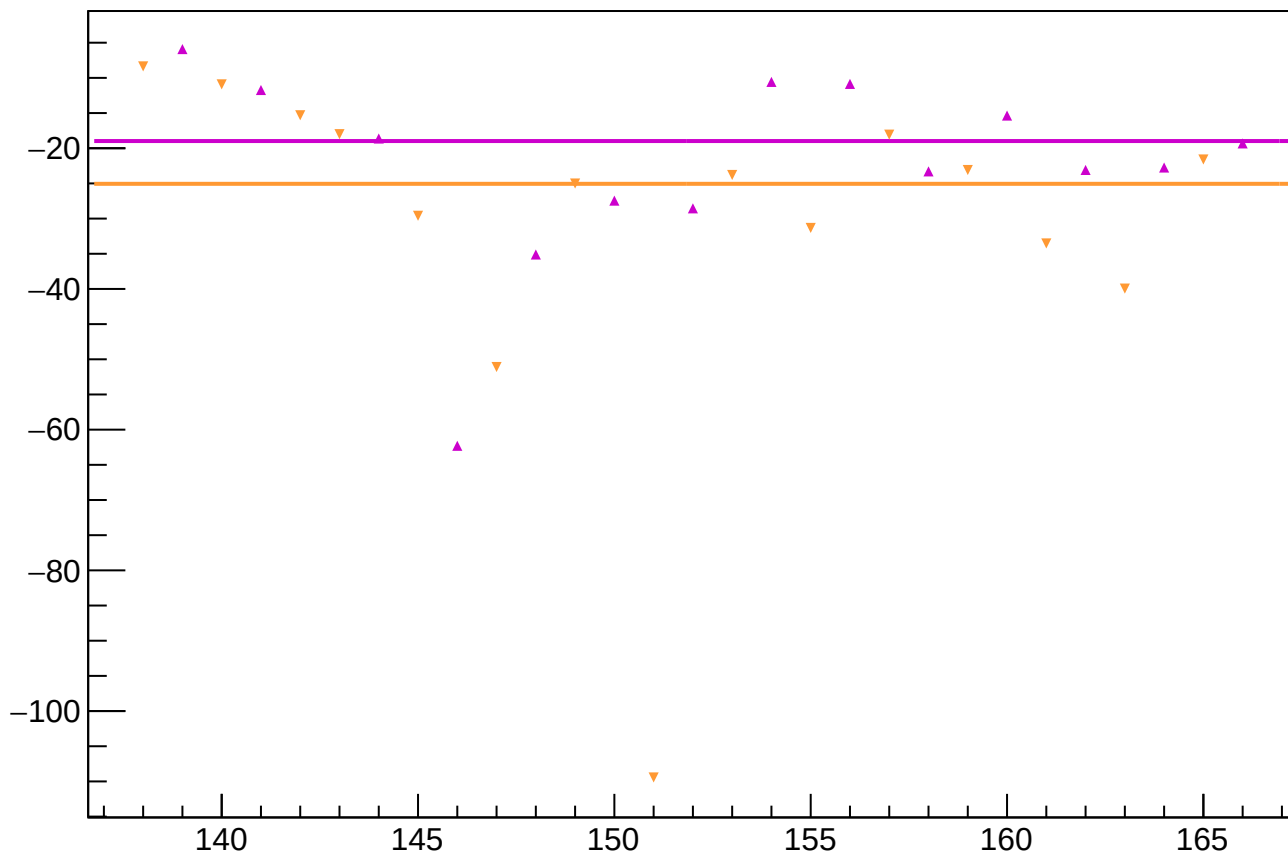
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.377+/-0.013 χ^2/NDF : 779470.3/30

Out: -6.263+/-0.014 χ^2/NDF : 1192404.2/32

All: -6.321+/-0.010 χ^2/NDF : 1971910.4/63

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: -25.058+/-0.065 χ^2/NDF :56707.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.978+/-0.055 χ^2/NDF :37855.3/13

Left: -21.519+/-0.042 χ^2/NDF : 99628.5/28

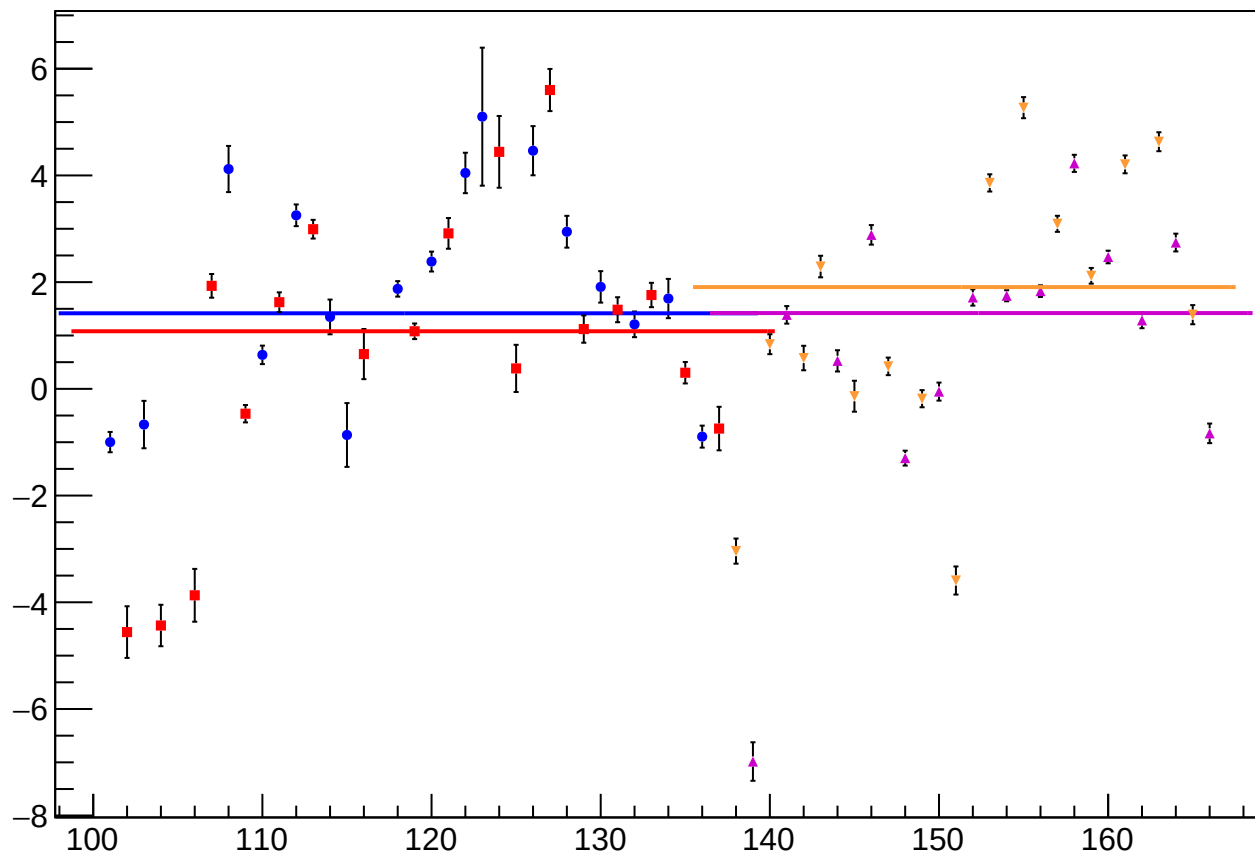
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.978+/-0.055 χ^2/NDF :37855.3/13

Out: -25.058+/-0.065 χ^2/NDF :56707.9/14

All: -21.519+/-0.042 χ^2/NDF : 99628.5/28

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: 1.907 $\pm$ 0.047 χ^2/NDF :2181.5/14

Right Out: 1.080 $\pm$ 0.058 χ^2/NDF : 916.1/17

Left In: 1.420 $\pm$ 0.040 χ^2/NDF :1707.7/13

Left: 1.622 $\pm$ 0.031 χ^2/NDF : 3950.9/28

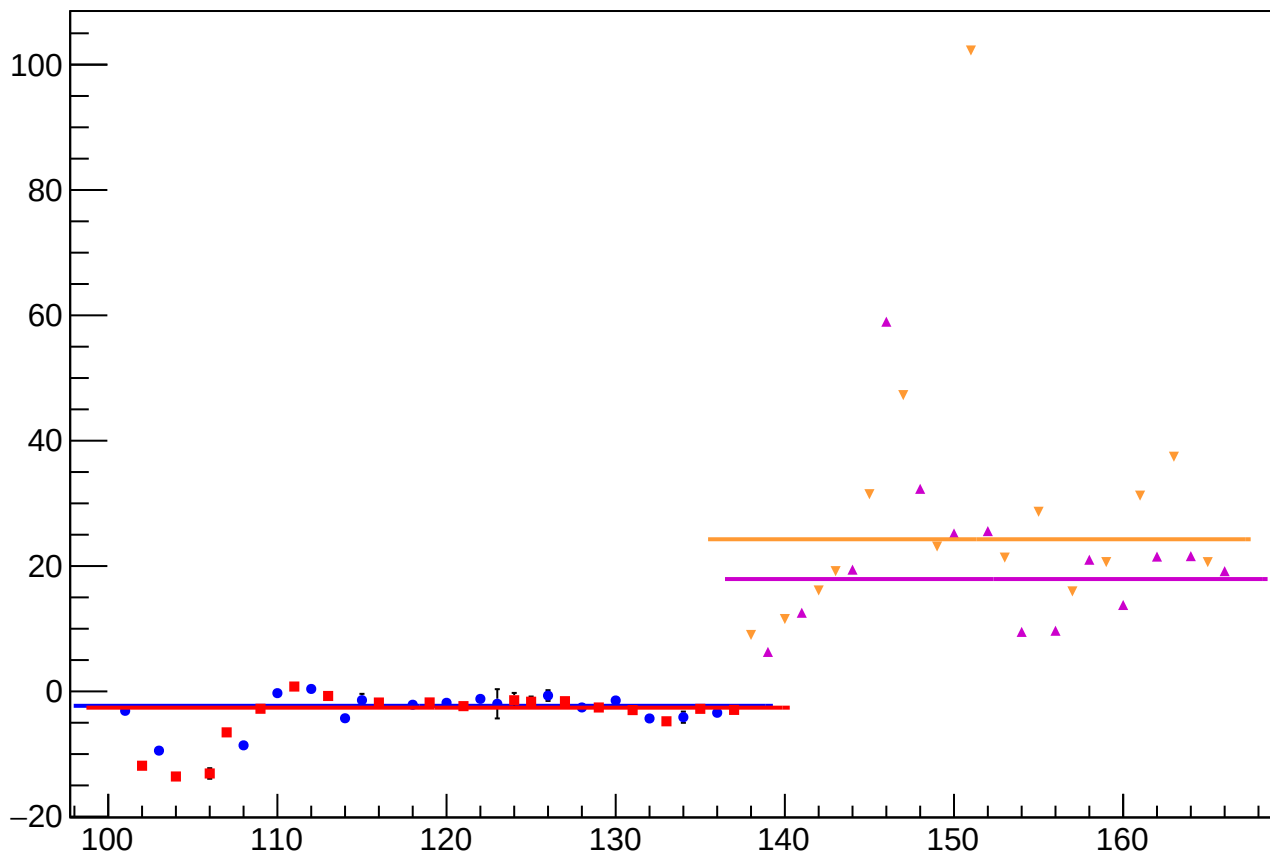
Right: 1.239 $\pm$ 0.042 χ^2/NDF : 1563.2/34

In: 1.419 $\pm$ 0.033 χ^2/NDF :2338.9/30

Out: 1.577 $\pm$ 0.037 χ^2/NDF :3219.2/32

All: 1.491 $\pm$ 0.025 χ^2/NDF : 5568.2/63

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 24.274 ± 0.064 $\chi^2/\text{NDF}: 50809.9/14$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 17.925 ± 0.053 $\chi^2/\text{NDF}: 35752.0/13$

Left: 20.534 ± 0.041 $\chi^2/\text{NDF}: 92399.7/28$

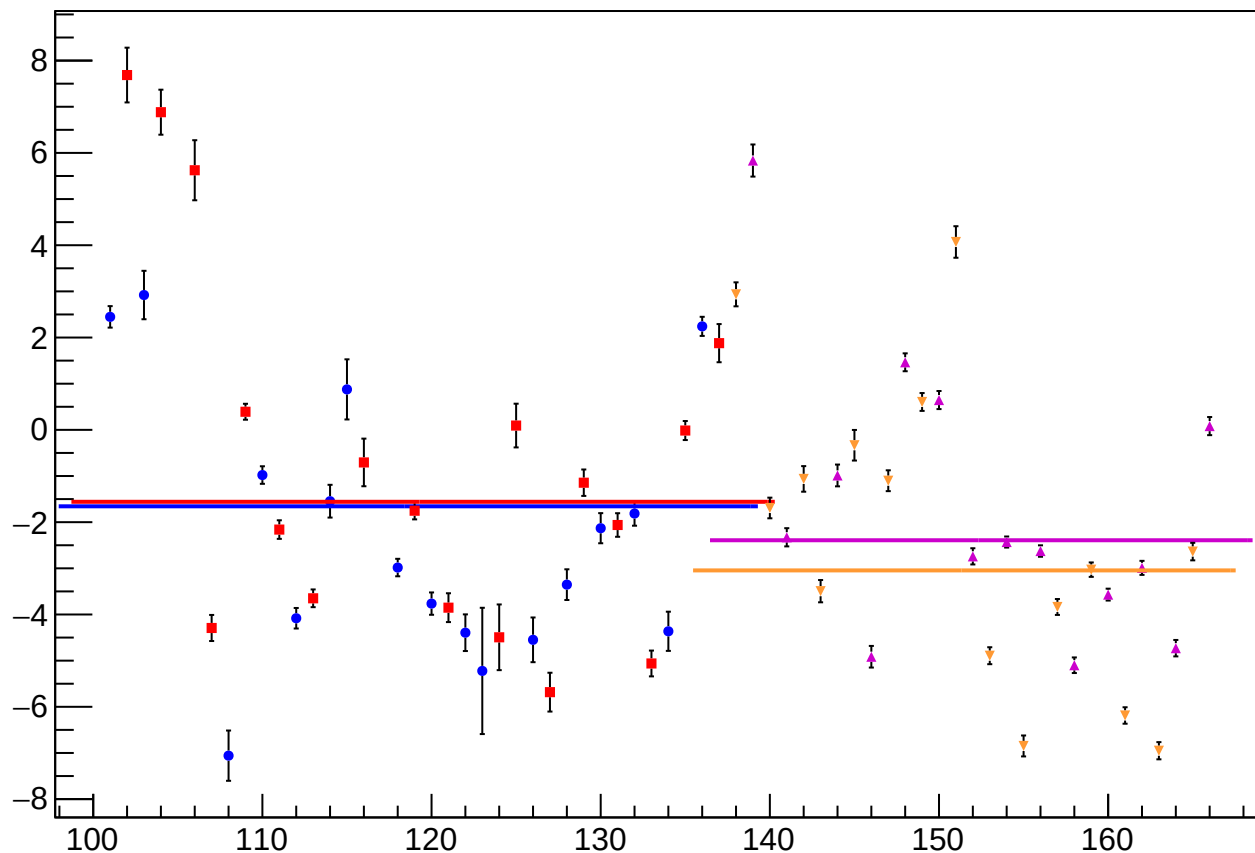
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 14.131 ± 0.048 $\chi^2/\text{NDF}: 63240.1/30$

Out: 16.424 ± 0.054 $\chi^2/\text{NDF}: 103550.8/32$

All: 15.151 ± 0.036 $\chi^2/\text{NDF}: 167805.8/63$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -3.045 ± 0.054 $\chi^2/\text{NDF}: 2711.0/14$

Right Out: -1.558 ± 0.066 $\chi^2/\text{NDF}: 1484.7/17$

Left In: -2.392 ± 0.045 $\chi^2/\text{NDF}: 2042.0/13$

Left: -2.661 ± 0.035 $\chi^2/\text{NDF}: 4838.5/28$

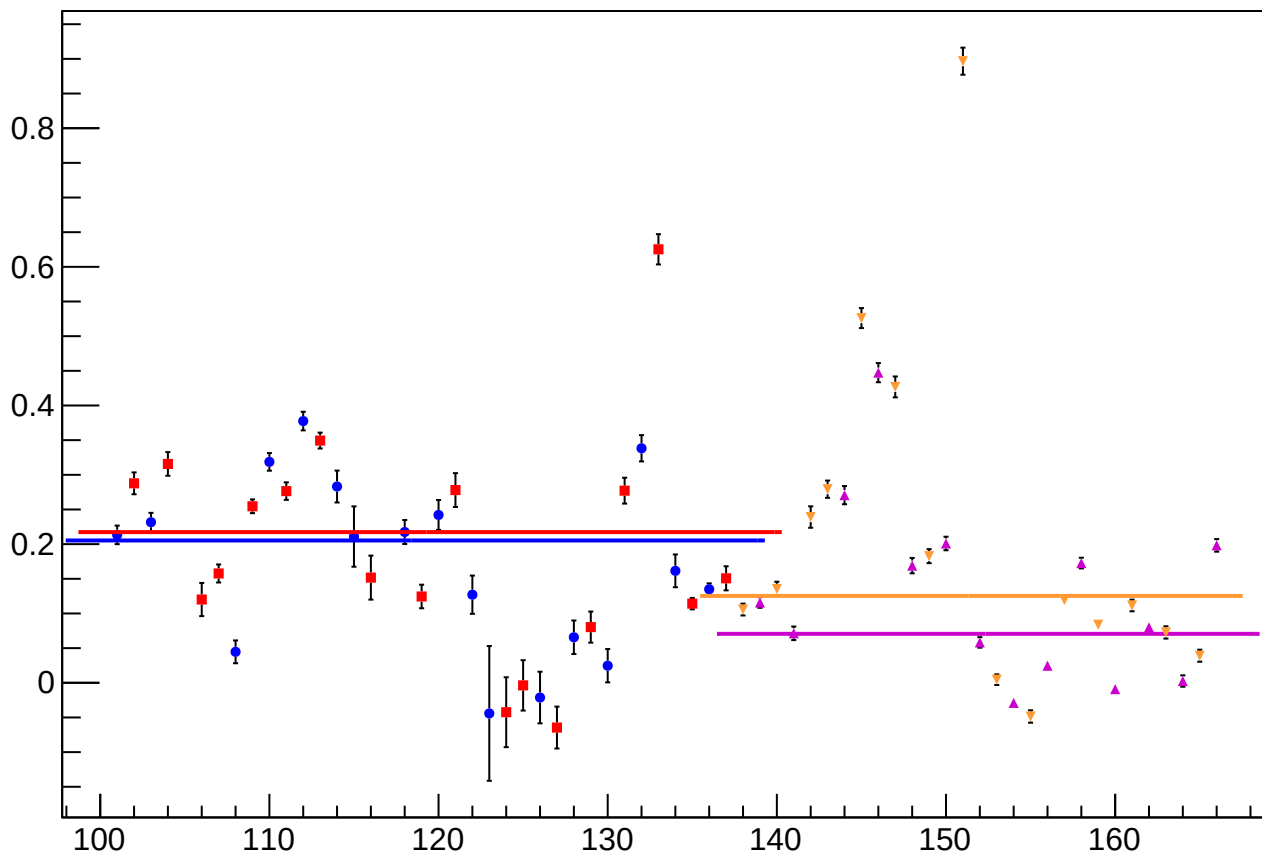
Right: -1.604 ± 0.048 $\chi^2/\text{NDF}: 2756.9/34$

In: -2.176 ± 0.038 $\chi^2/\text{NDF}: 3390.3/30$

Out: -2.444 ± 0.042 $\chi^2/\text{NDF}: 4500.4/32$

All: -2.298 ± 0.028 $\chi^2/\text{NDF}: 7912.9/63$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.125 ± 0.002 χ^2/NDF : 3769.3/14

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.071 ± 0.002 χ^2/NDF : 2390.0/13

Left: 0.092 ± 0.002 χ^2/NDF : 6460.2/28

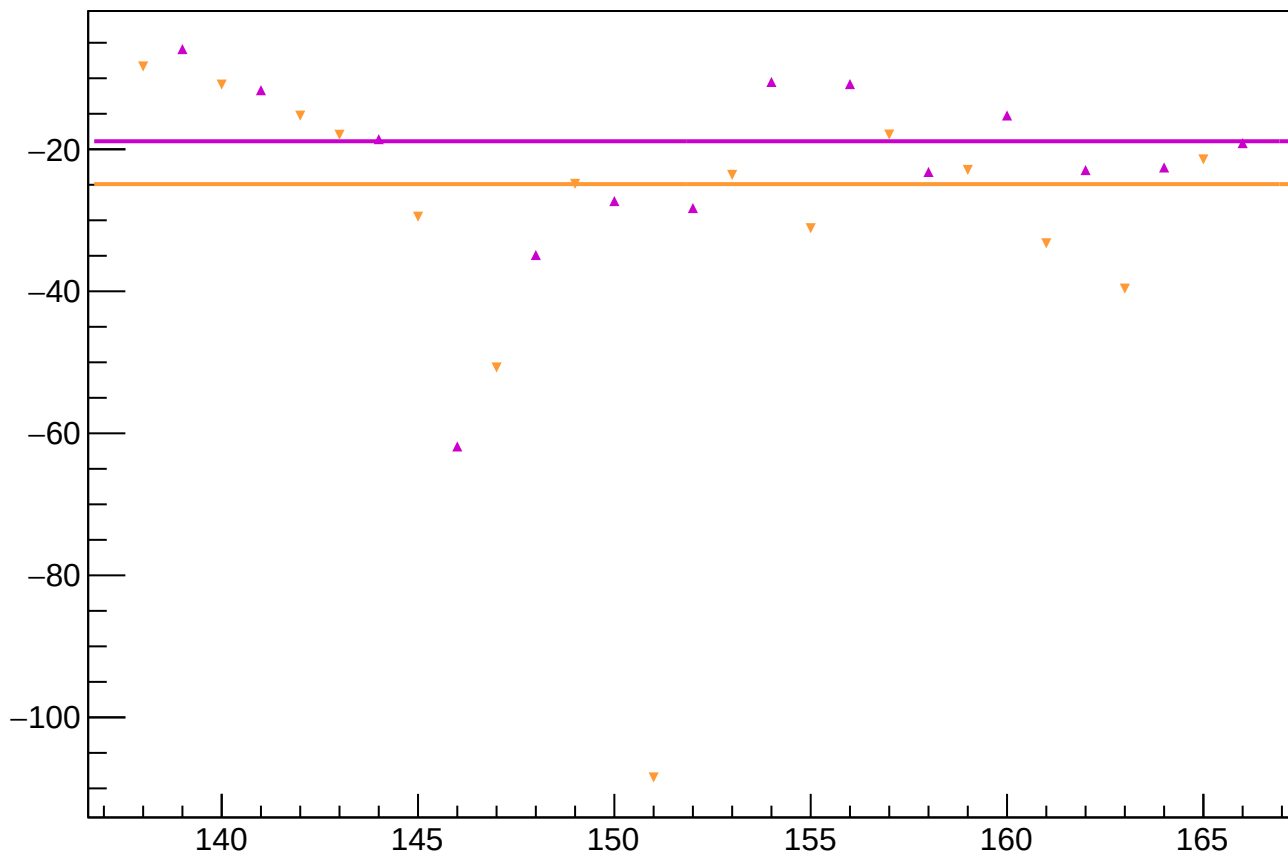
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.096 ± 0.002 χ^2/NDF : 3870.4/30

Out: 0.153 ± 0.002 χ^2/NDF : 5217.6/32

All: 0.121 ± 0.001 χ^2/NDF : 9531.6/63

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



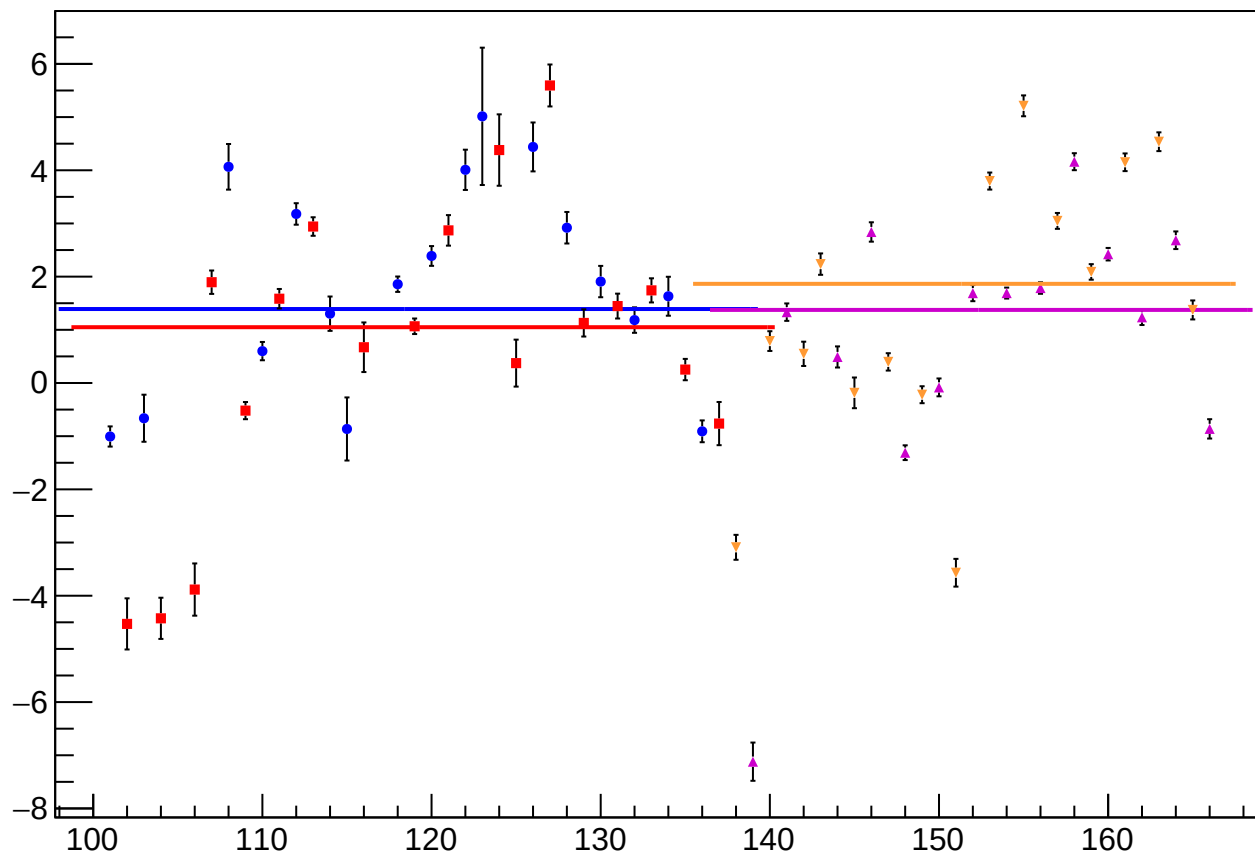
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.907+/-0.065 χ^2/NDF :56521.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.869+/-0.055 χ^2/NDF :37766.6/13

Left: -21.394+/-0.042 χ^2/NDF : 99344.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.869+/-0.055 χ^2/NDF :37766.6/13
 Out: -24.907+/-0.065 χ^2/NDF :56521.4/14

All: -21.394+/-0.042 χ^2/NDF : 99344.7/28

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.865 ± 0.047 χ^2/NDF : 2180.2/14

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.374 ± 0.040 χ^2/NDF : 1719.7/13

Left: 1.578 ± 0.030 χ^2/NDF : 3963.4/28

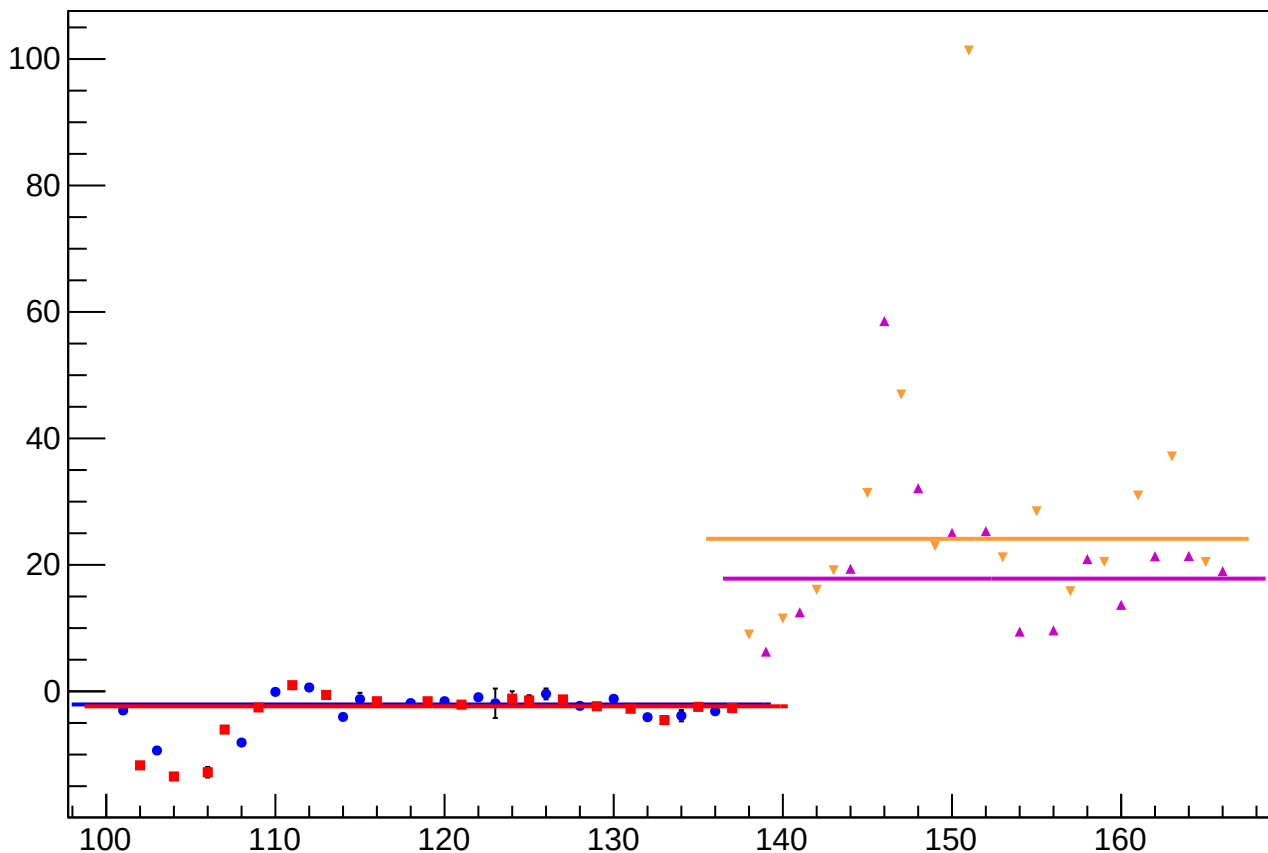
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.379 ± 0.033 χ^2/NDF : 2349.0/30

Out: 1.540 ± 0.037 χ^2/NDF : 3219.3/32

All: 1.452 ± 0.025 χ^2/NDF : 5578.9/63

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.122 ± 0.063 χ^2/NDF : 50671.2/14

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.822 ± 0.053 χ^2/NDF : 35676.8/13

Left: 20.412 ± 0.041 χ^2/NDF : 92169.0/28

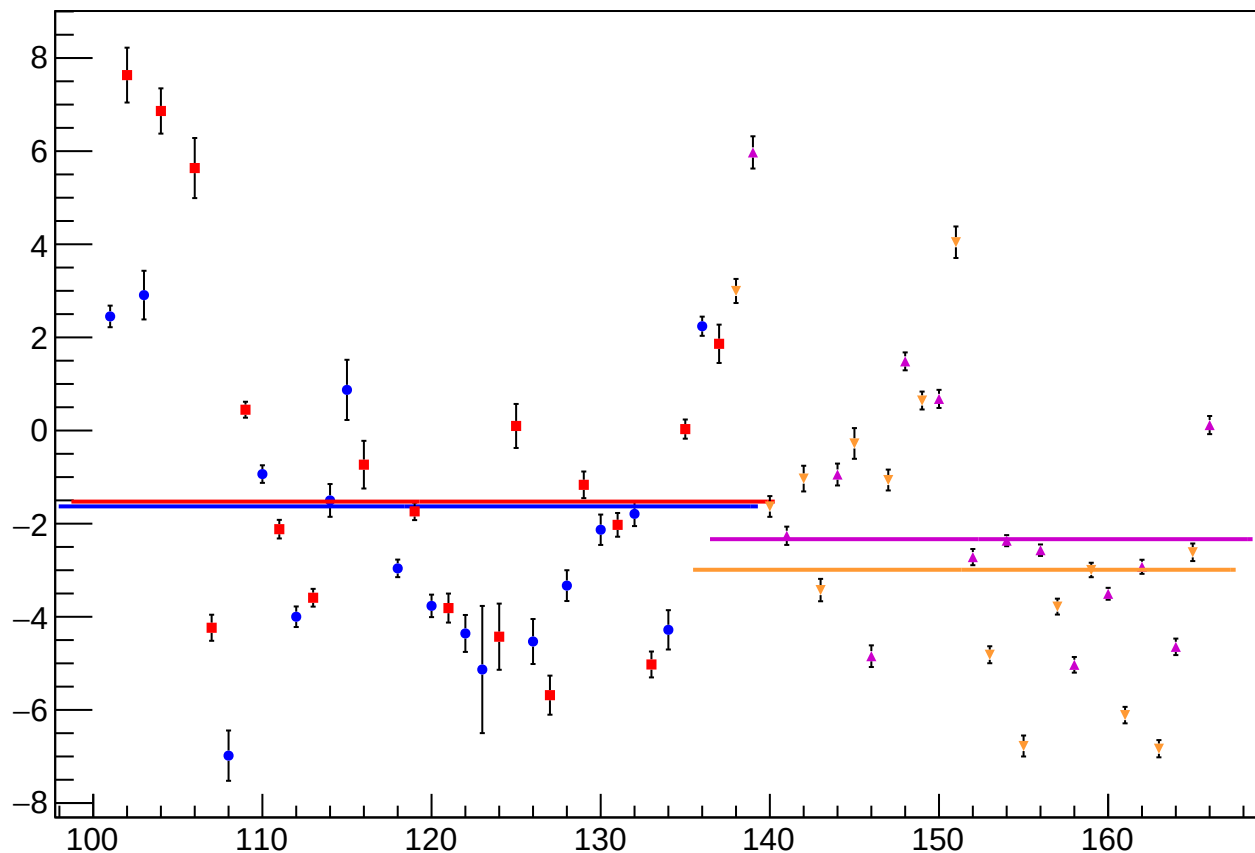
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.097 ± 0.048 χ^2/NDF : 62575.8/30

Out: 16.395 ± 0.053 χ^2/NDF : 102533.9/32

All: 15.119 ± 0.036 χ^2/NDF : 166141.3/63

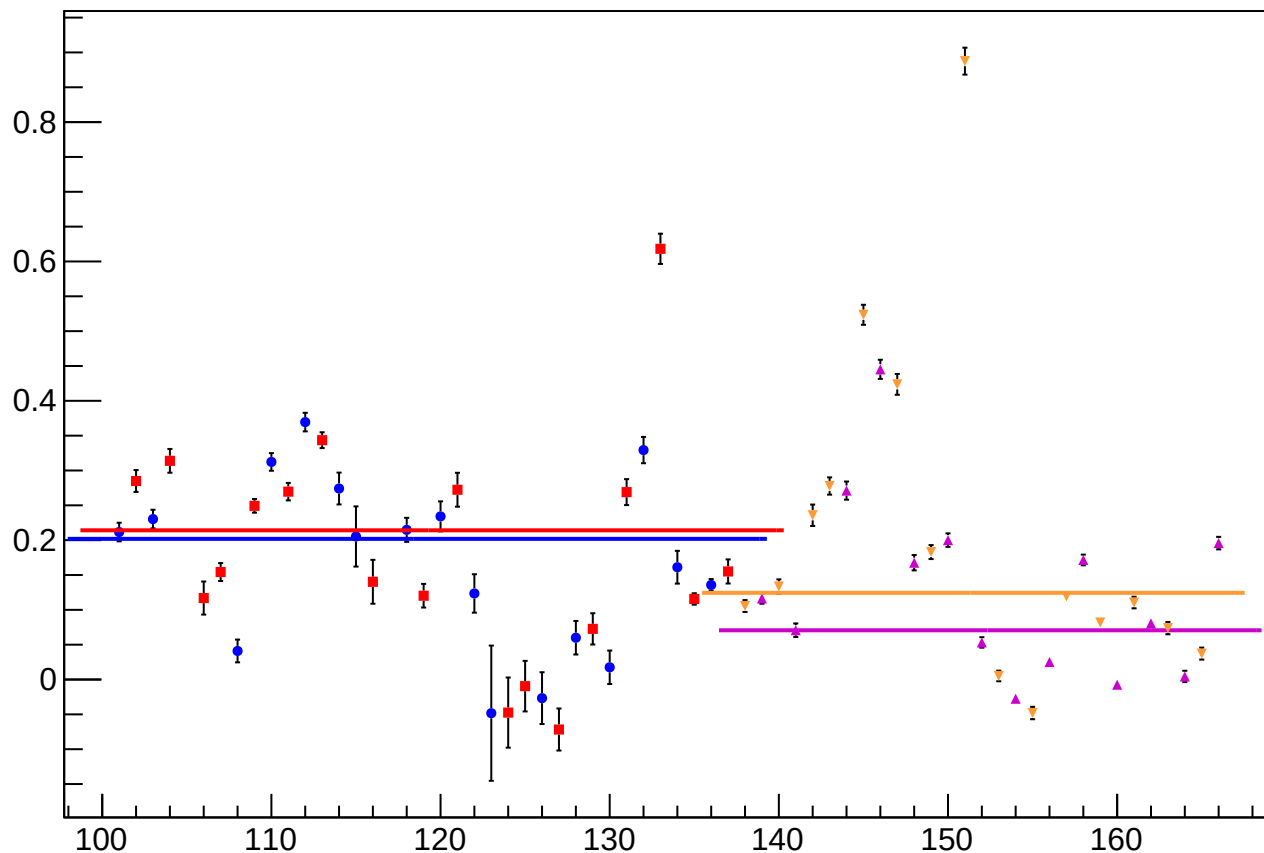
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 $\pm$ 0.070 χ^2/NDF : 1266.4/16
 Left Out: -2.990 $\pm$ 0.054 χ^2/NDF :2708.4/14
 Right Out: -1.526 $\pm$ 0.065 χ^2/NDF : 1488.2/17
 Left In: -2.333 $\pm$ 0.045 χ^2/NDF :2055.5/13

Left: -2.604 $\pm$ 0.035 χ^2/NDF : 4851.5/28
 Right: -1.574 $\pm$ 0.048 χ^2/NDF : 2755.7/34
 In: -2.128 $\pm$ 0.038 χ^2/NDF :3393.2/30
 Out: -2.399 $\pm$ 0.042 χ^2/NDF :4495.3/32
 All: -2.251 $\pm$ 0.028 χ^2/NDF : 7911.8/63

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.124 $\pm$ 0.002 χ^2 /NDF: 3764.3/14

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 2376.3/13

Left: 0.092 $\pm$ 0.002 χ^2 /NDF: 6435.2/28

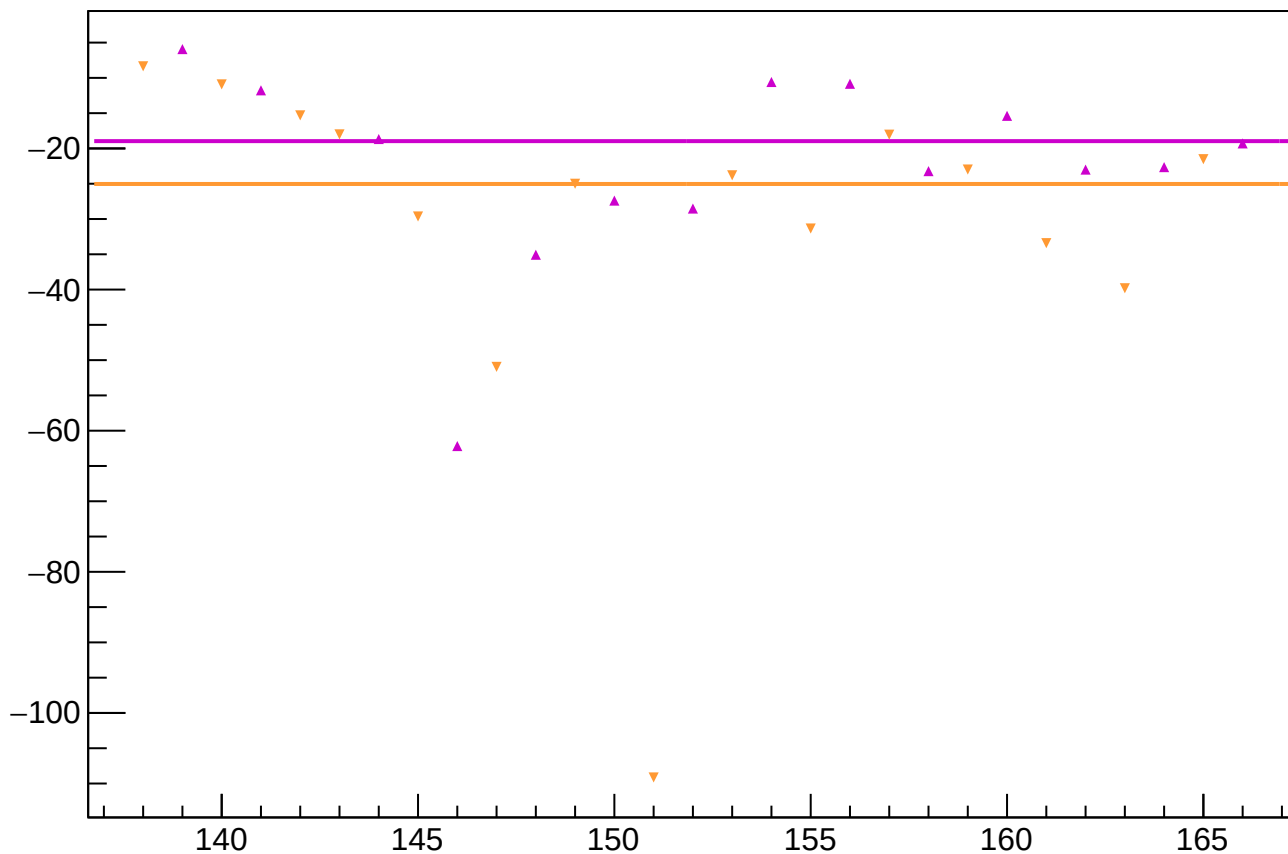
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.095 $\pm$ 0.002 χ^2 /NDF: 3805.7/30

Out: 0.152 $\pm$ 0.002 χ^2 /NDF: 5178.1/32

All: 0.120 $\pm$ 0.001 χ^2 /NDF: 9417.3/63

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: -25.035+/-0.065 χ^2/NDF :56651.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.964+/-0.055 χ^2/NDF :37824.6/13

Left: -21.501+/-0.042 χ^2/NDF : 99548.9/28

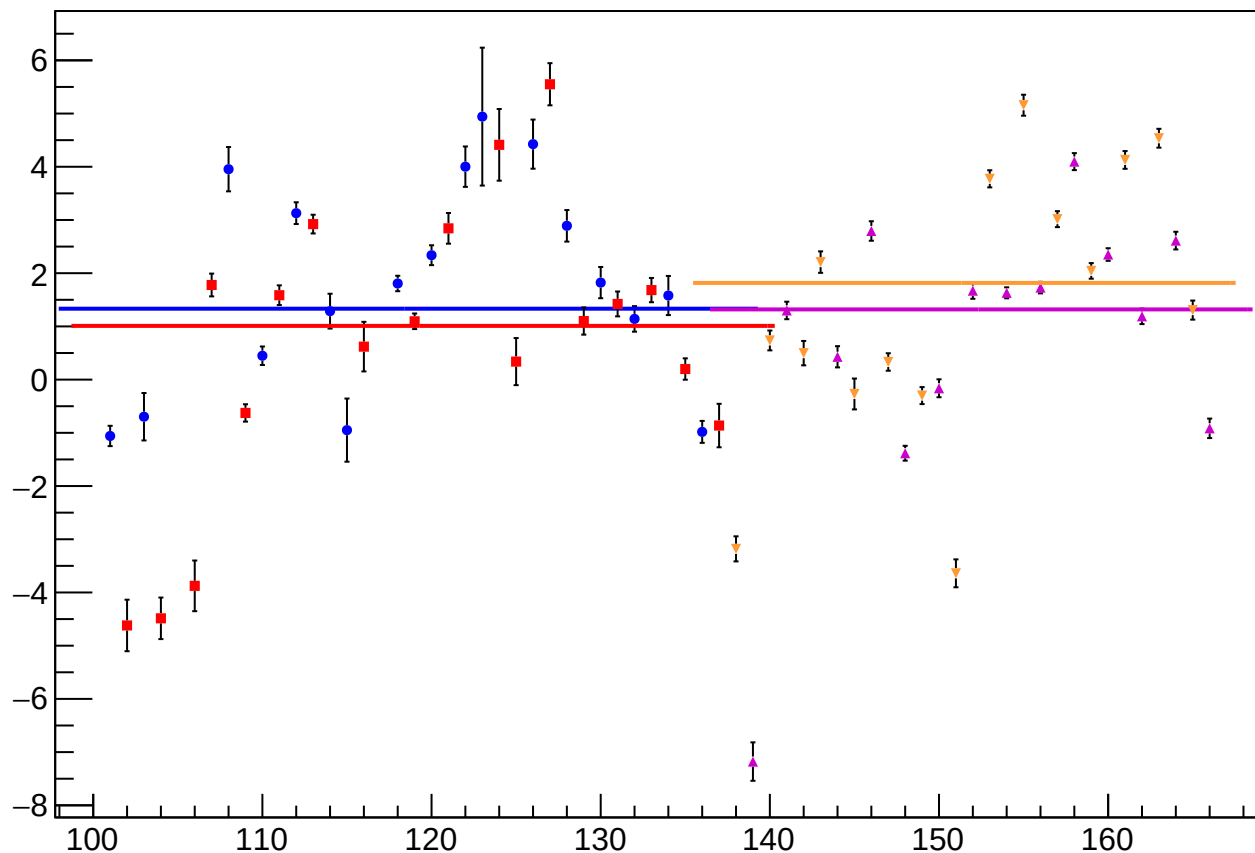
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.964+/-0.055 χ^2/NDF :37824.6/13

Out: -25.035+/-0.065 χ^2/NDF :56651.4/14

All: -21.501+/-0.042 χ^2/NDF : 99548.9/28

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.817 ± 0.047 χ^2/NDF : 2199.1/14

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.319 ± 0.040 χ^2/NDF : 1709.2/13

Left: 1.526 ± 0.030 χ^2/NDF : 3973.3/28

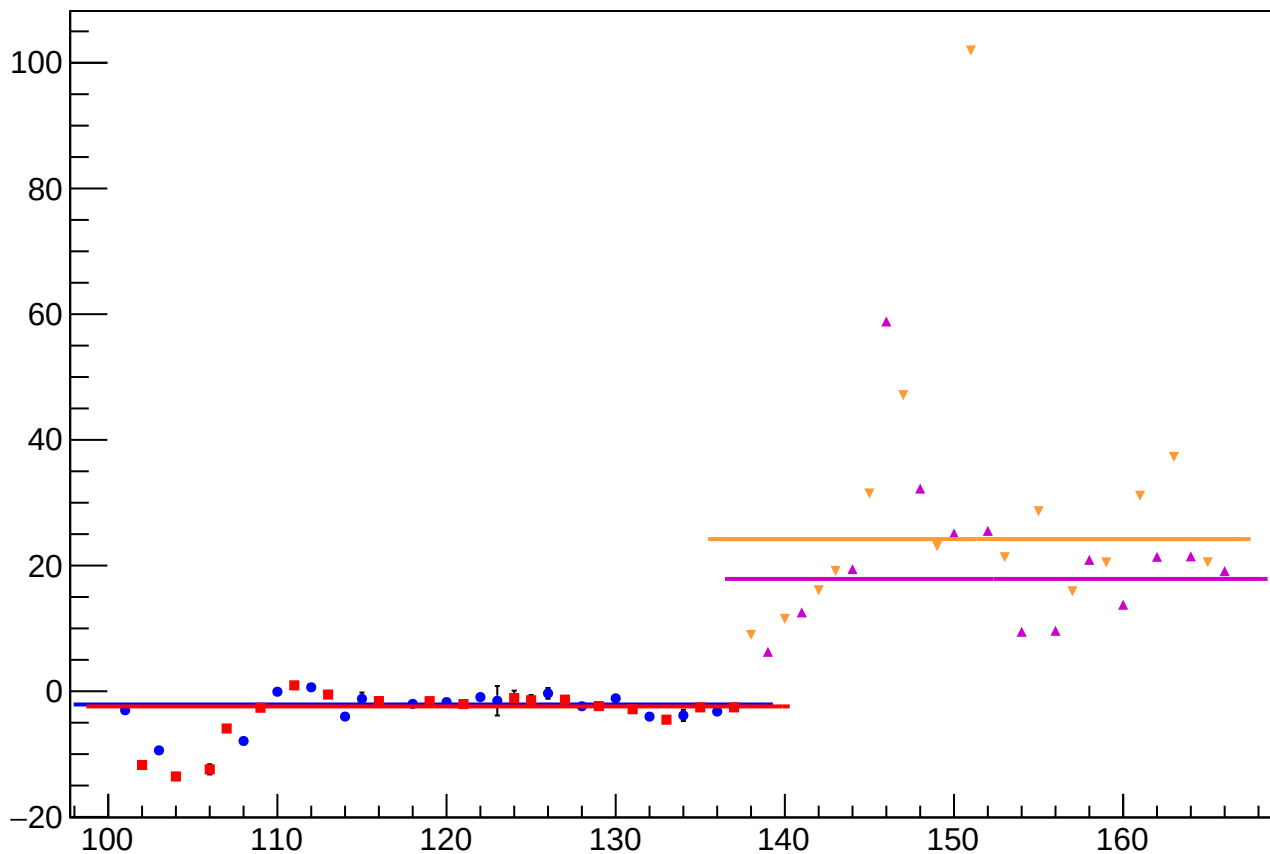
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.323 ± 0.033 χ^2/NDF : 2343.8/30

Out: 1.495 ± 0.037 χ^2/NDF : 3245.7/32

All: 1.401 ± 0.025 χ^2/NDF : 5601.6/63

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.215 ± 0.064 χ^2/NDF : 50781.7/14

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.876 ± 0.053 χ^2/NDF : 35747.0/13

Left: 20.480 ± 0.041 χ^2/NDF : 92375.9/28

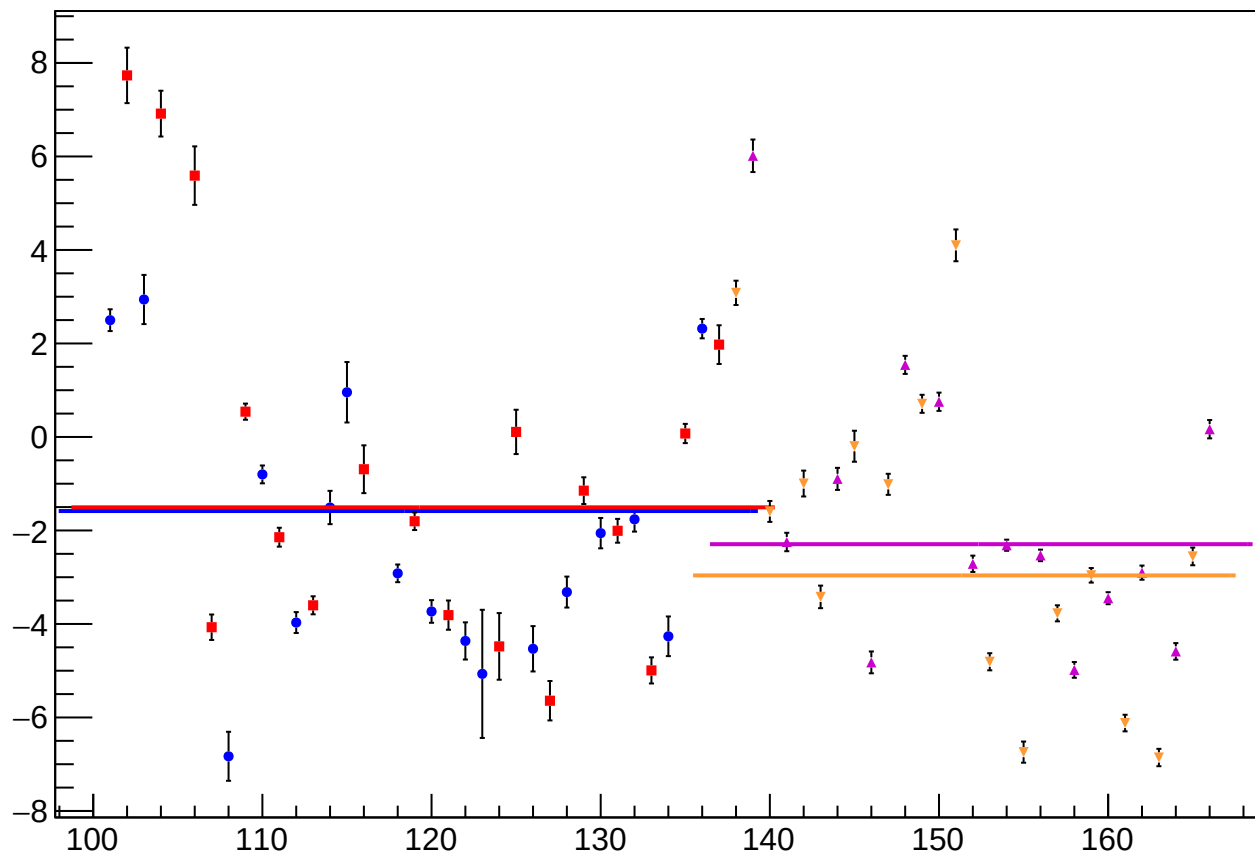
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.145 ± 0.048 χ^2/NDF : 62595.3/30

Out: 16.457 ± 0.054 χ^2/NDF : 102683.4/32

All: 15.172 ± 0.036 χ^2/NDF : 166314.1/63

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.962 ± 0.054 χ^2/NDF : 2733.7/14

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.293 ± 0.045 χ^2/NDF : 2046.1/13

Left: -2.569 ± 0.035 χ^2/NDF : 4869.8/28

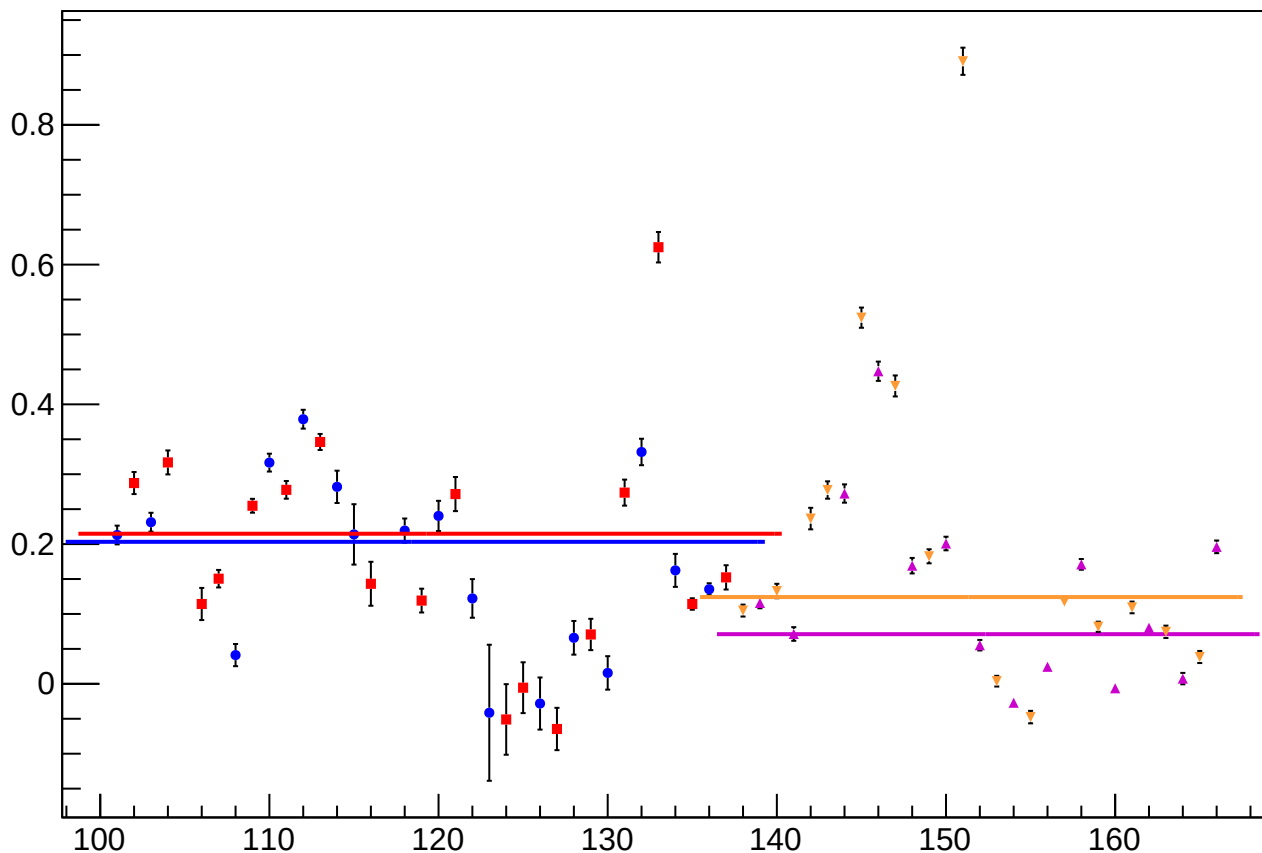
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -2.087 ± 0.038 χ^2/NDF : 3390.0/30

Out: -2.373 ± 0.042 χ^2/NDF : 4527.0/32

All: -2.217 ± 0.028 χ^2/NDF : 7942.8/63

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



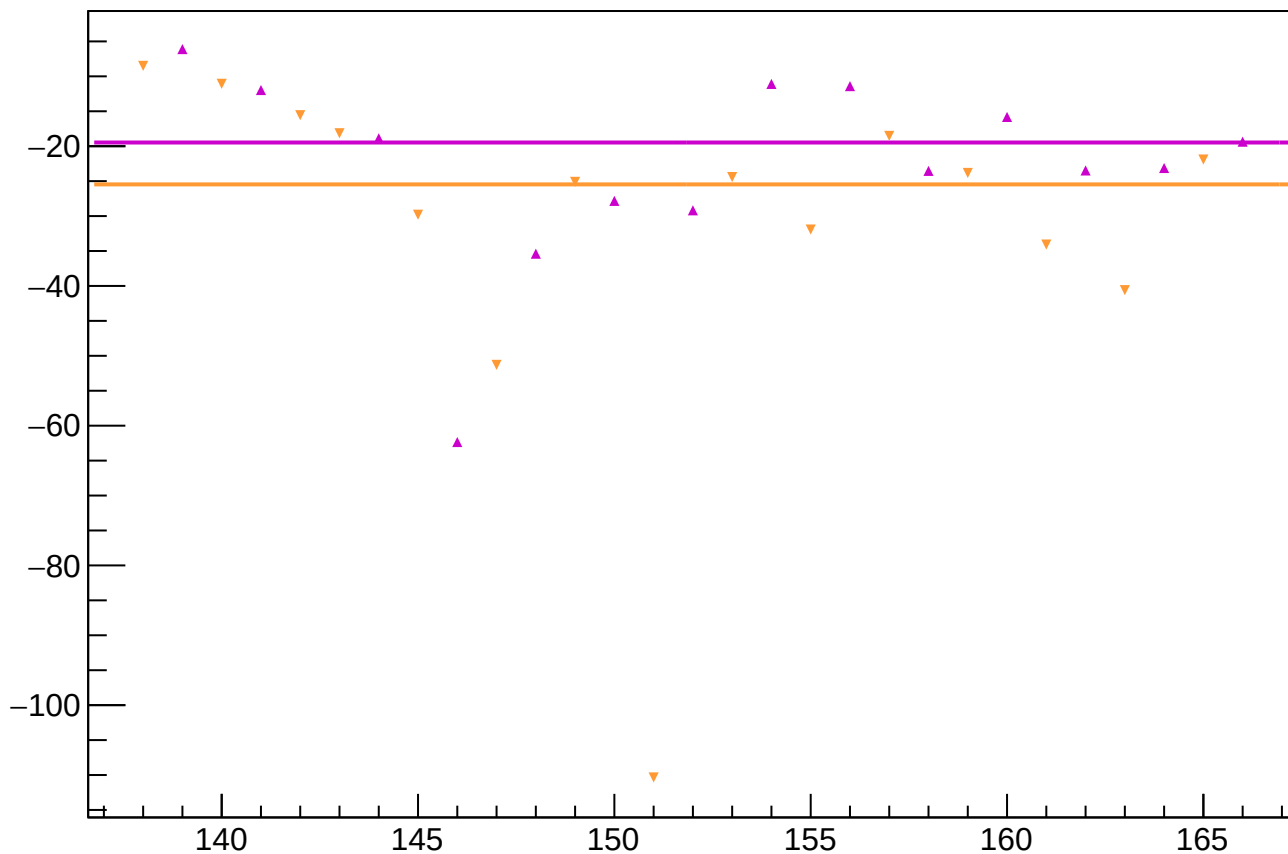
Left: 0.092 $\pm$ 0.002 χ^2/NDF : 6395.7/28
 Right: 0.210 $\pm$ 0.003 χ^2/NDF : 1670.1/34

Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 632.8/16
 Left Out: 0.124 $\pm$ 0.002 χ^2/NDF : 3752.3/14
 Right Out: 0.215 $\pm$ 0.004 χ^2/NDF : 1033.0/17
 Left In: 0.071 $\pm$ 0.002 χ^2/NDF : 2358.5/13

In: 0.096 $\pm$ 0.002 χ^2/NDF : 3821.9/30
 Out: 0.152 $\pm$ 0.002 χ^2/NDF : 5203.6/32

All: 0.120 $\pm$ 0.001 χ^2/NDF : 9448.5/63

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.465+/-0.066 χ^2/NDF :56573.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Left: -21.995+/-0.043 χ^2/NDF : 98033.4/28

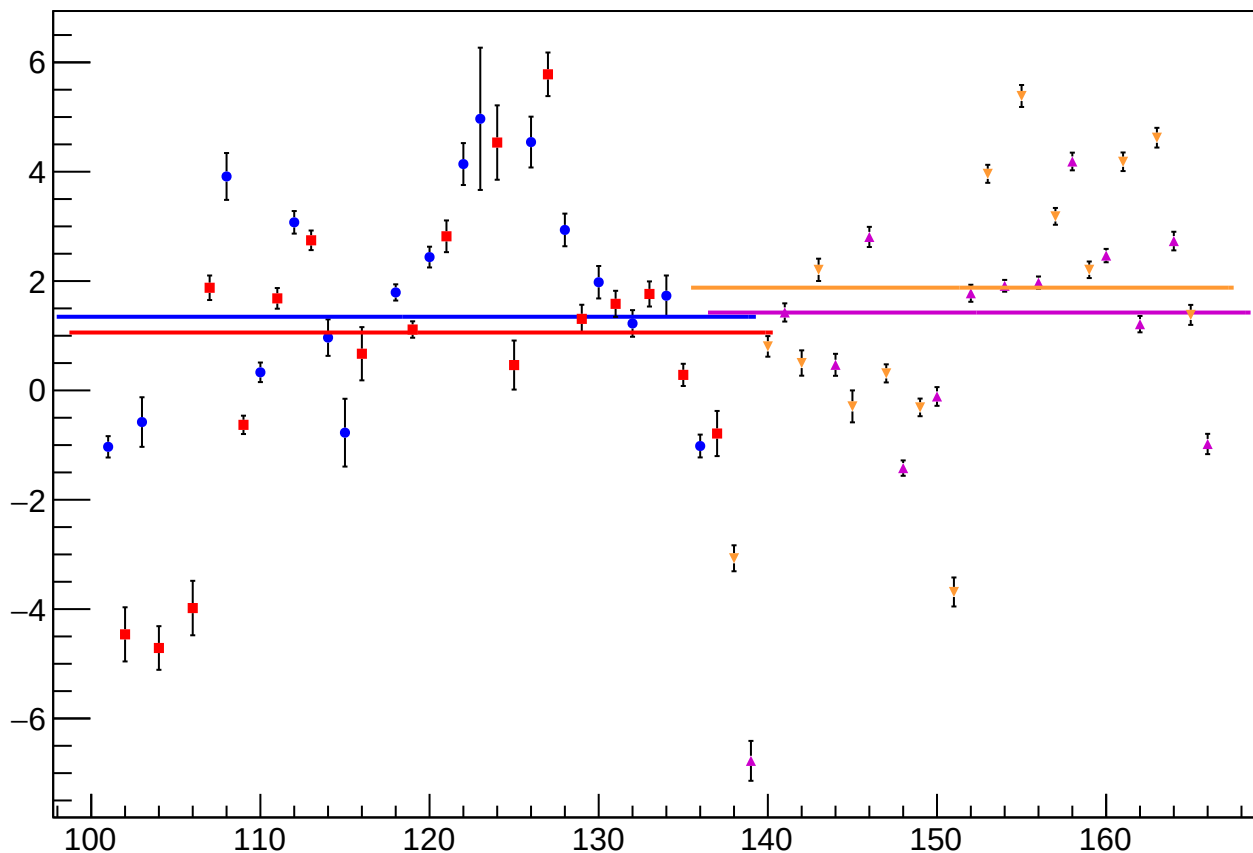
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Out: -25.465+/-0.066 χ^2/NDF :56573.3/14

All: -21.995+/-0.043 χ^2/NDF : 98033.4/28

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: 1.879 $\pm$ 0.048 χ^2 /NDF:2237.5/14

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.424 $\pm$ 0.041 χ^2 /NDF:1715.5/13

Left: 1.614 $\pm$ 0.031 χ^2 /NDF: 4005.2/28

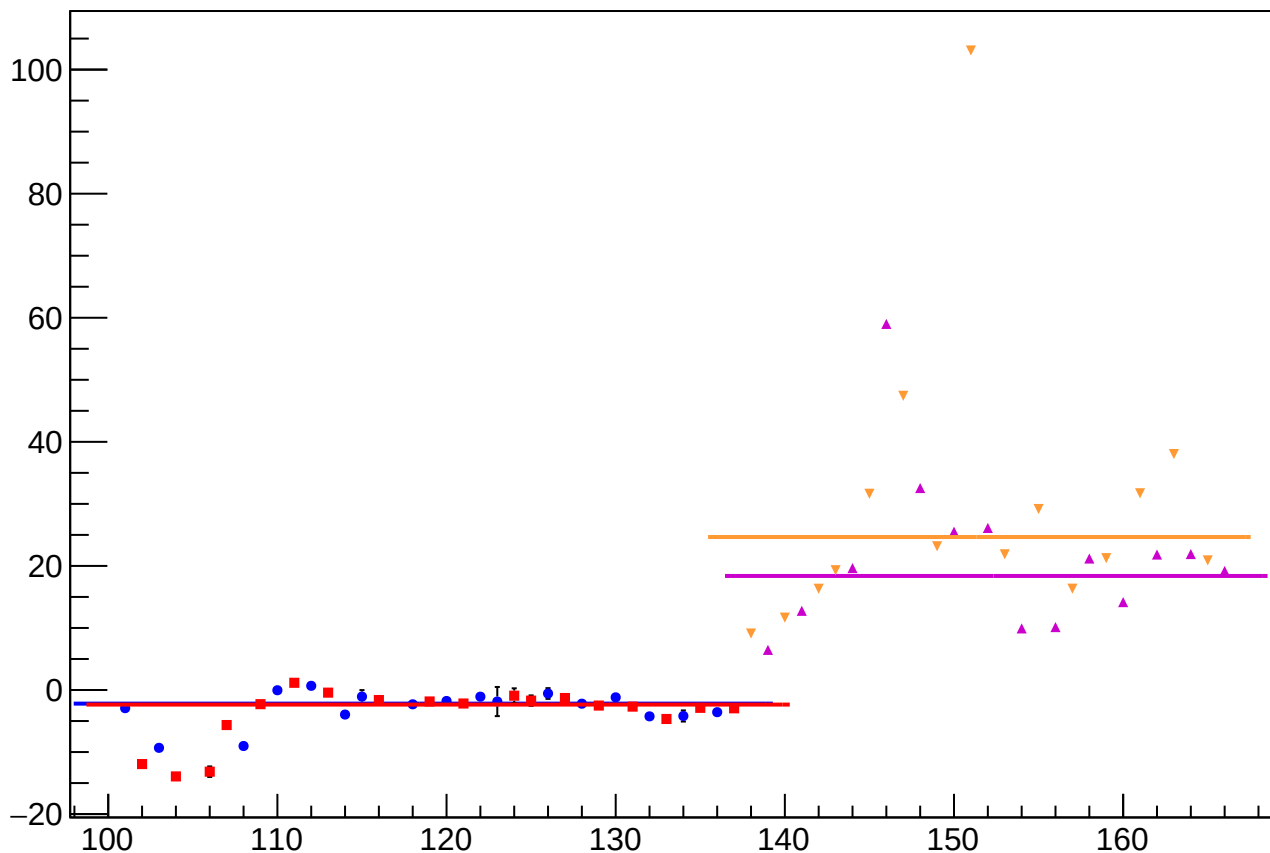
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.401 $\pm$ 0.034 χ^2 /NDF:2346.7/30

Out: 1.554 $\pm$ 0.037 χ^2 /NDF:3258.3/32

All: 1.470 $\pm$ 0.025 χ^2 /NDF: 5614.2/63

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: 24.658 ± 0.065 $\chi^2/\text{NDF}: 50559.0/14$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 18.384 ± 0.054 $\chi^2/\text{NDF}: 34509.4/13$

Left: 20.982 ± 0.042 $\chi^2/\text{NDF}: 90569.2/28$

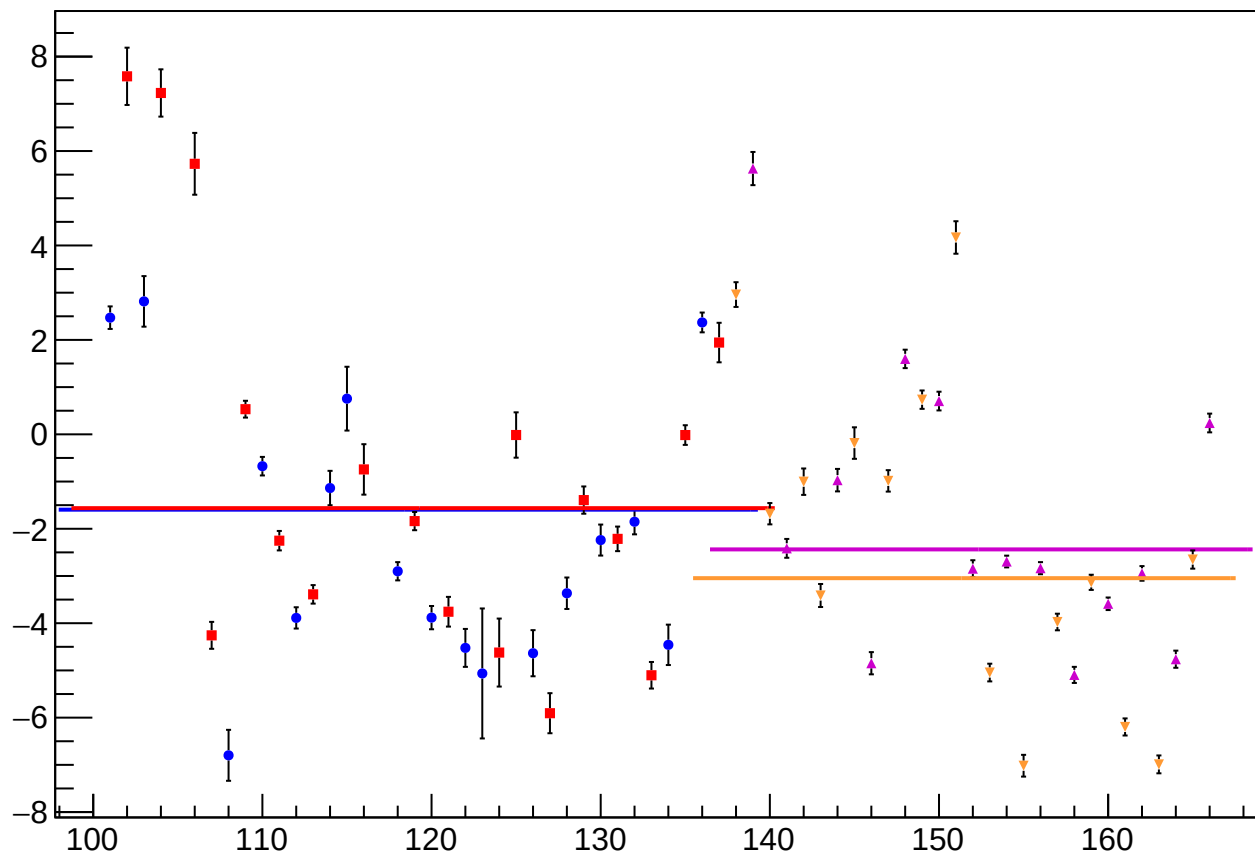
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 14.501 ± 0.049 $\chi^2/\text{NDF}: 61949.9/30$

Out: 16.829 ± 0.055 $\chi^2/\text{NDF}: 101904.6/32$

All: 15.541 ± 0.036 $\chi^2/\text{NDF}: 164861.4/63$

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: -3.046 ± 0.055 χ^2/NDF : 2771.3/14

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.437 ± 0.046 χ^2/NDF : 2041.8/13

Left: -2.690 ± 0.035 χ^2/NDF : 4884.9/28

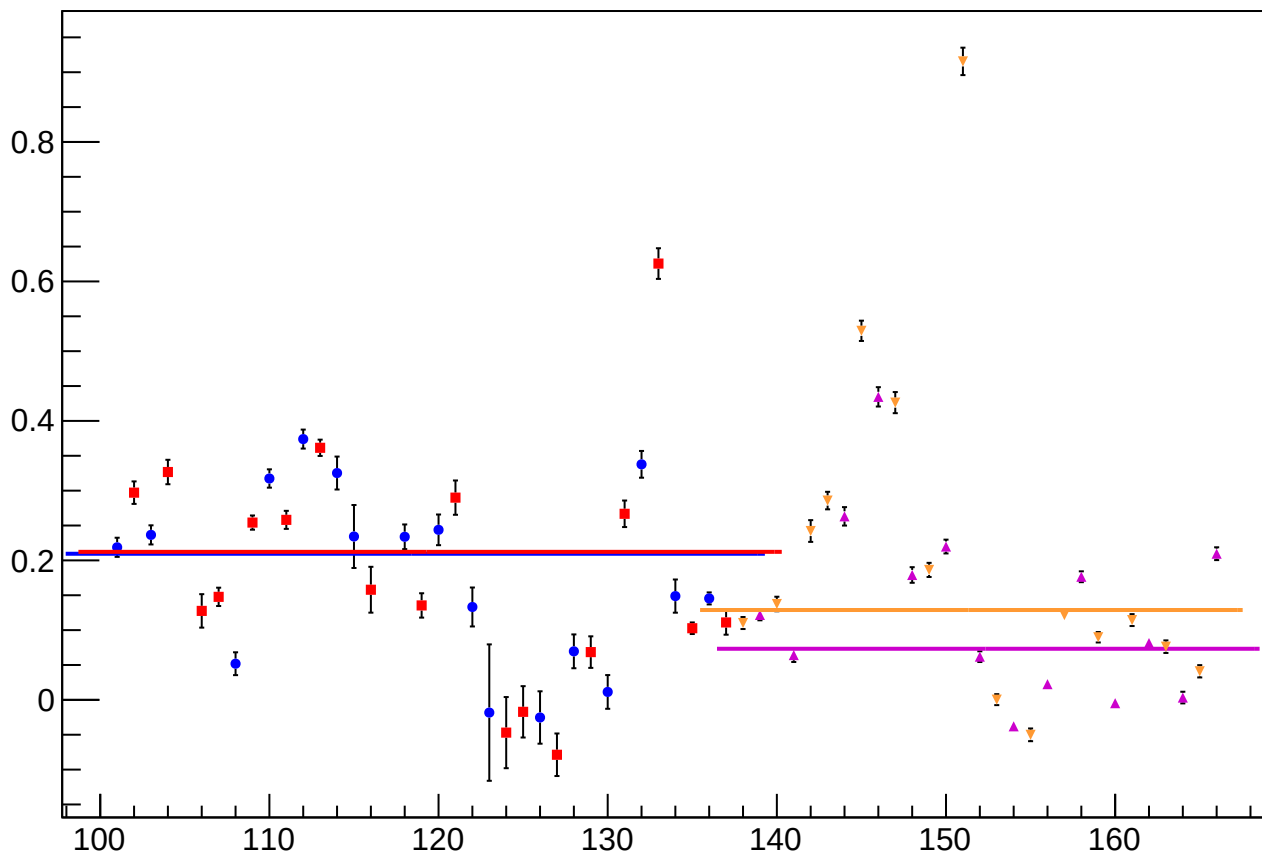
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.189 ± 0.039 χ^2/NDF : 3394.4/30

Out: -2.449 ± 0.043 χ^2/NDF : 4526.0/32

All: -2.308 ± 0.029 χ^2/NDF : 7940.8/63

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210+/-0.004 χ^2/NDF : 597.7/16

Left Out: 0.129+/-0.002 χ^2/NDF : 3806.2/14

Right Out: 0.212+/-0.004 χ^2/NDF : 1096.9/17

Left In: 0.073+/-0.002 χ^2/NDF : 2437.7/13

Left: 0.096+/-0.002 χ^2/NDF : 6542.8/28

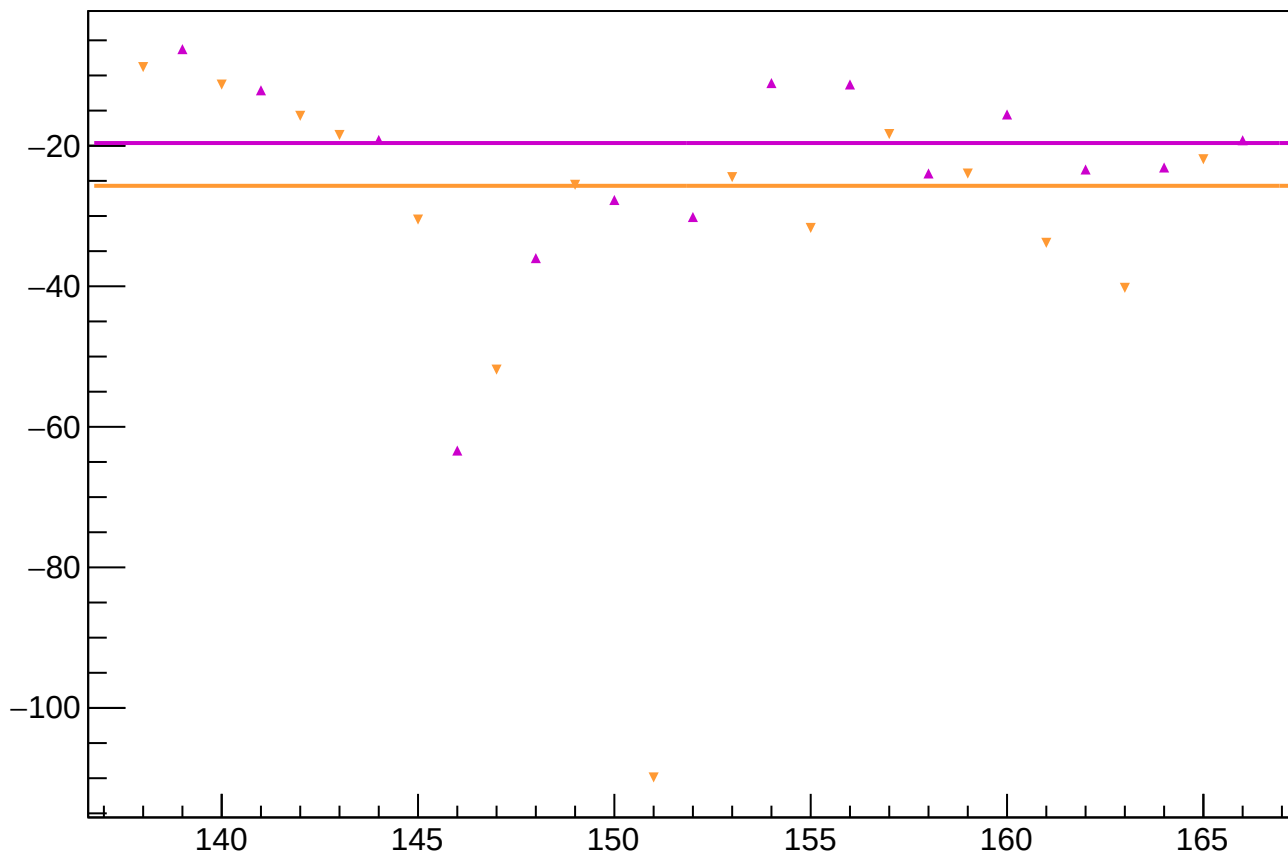
Right: 0.211+/-0.003 χ^2/NDF : 1694.9/34

In: 0.099+/-0.002 χ^2/NDF : 3884.9/30

Out: 0.154+/-0.002 χ^2/NDF : 5243.7/32

All: 0.123+/-0.001 χ^2/NDF : 9520.8/63

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.702+/-0.067 χ^2/NDF :55327.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.616+/-0.057 χ^2/NDF :36961.2/13

Left: -22.187+/-0.043 χ^2/NDF : 97077.7/28

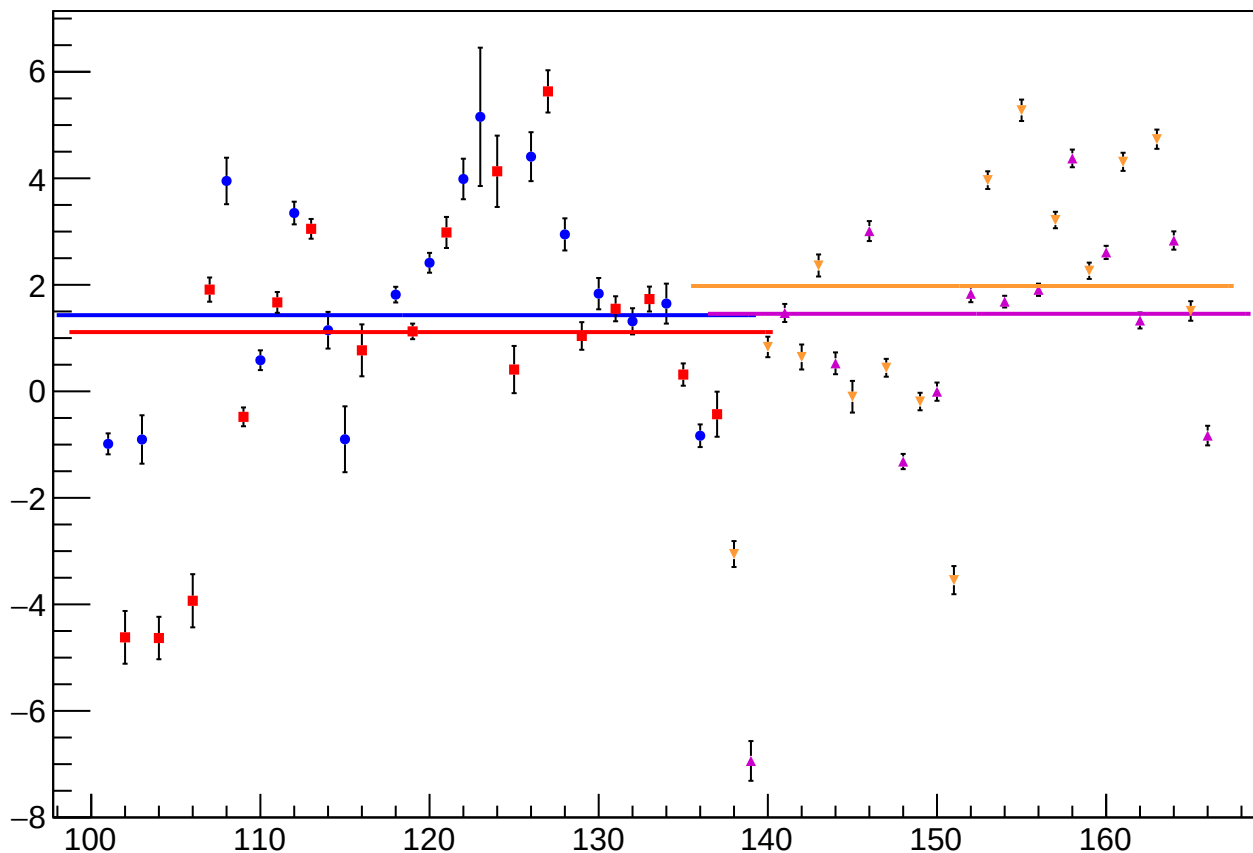
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.616+/-0.057 χ^2/NDF :36961.2/13

Out: -25.702+/-0.067 χ^2/NDF :55327.3/14

All: -22.187+/-0.043 χ^2/NDF : 97077.7/28

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: 1.978 ± 0.049 $\chi^2/\text{NDF}: 2149.4/14$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 1.456 ± 0.041 $\chi^2/\text{NDF}: 1686.5/13$

Left: 1.675 ± 0.031 $\chi^2/\text{NDF}: 3903.0/28$

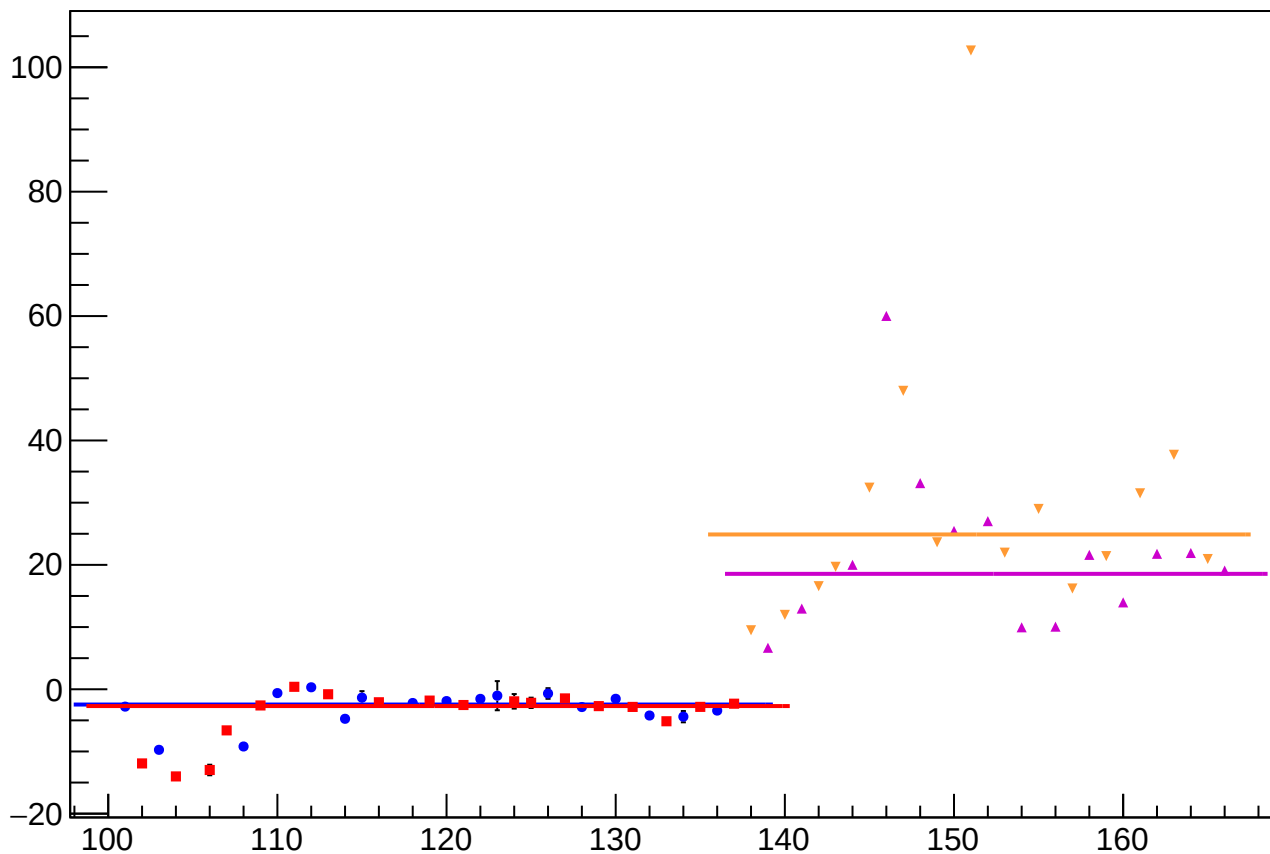
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.448 ± 0.035 $\chi^2/\text{NDF}: 2284.7/30$

Out: 1.636 ± 0.038 $\chi^2/\text{NDF}: 3162.6/32$

All: 1.534 ± 0.025 $\chi^2/\text{NDF}: 5460.7/63$

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: 24.890 ± 0.065 χ^2/NDF : 49593.6/14

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.556 ± 0.055 χ^2/NDF : 34794.5/13

Left: 21.189 ± 0.042 χ^2/NDF : 89869.6/28

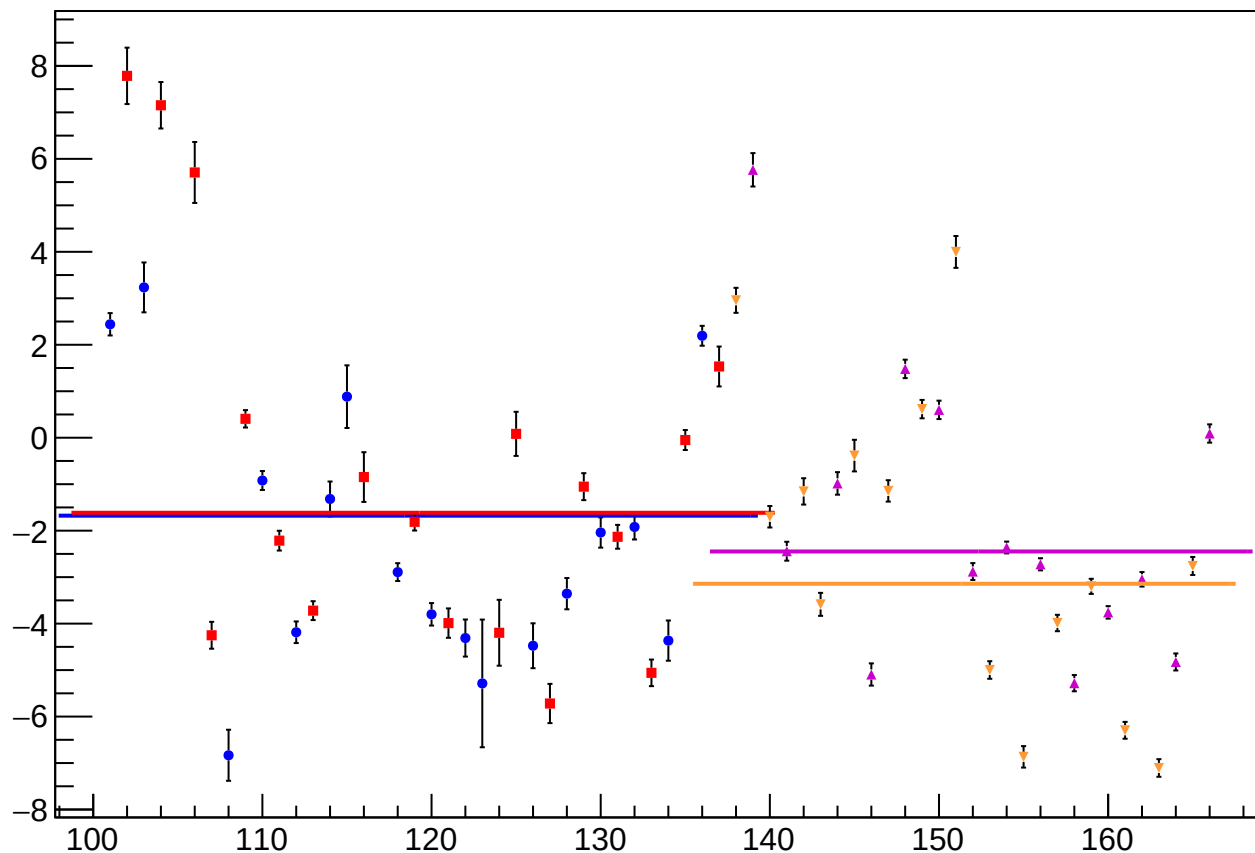
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 14.602 ± 0.050 χ^2/NDF : 62524.2/30

Out: 17.025 ± 0.055 χ^2/NDF : 101163.8/32

All: 15.685 ± 0.037 χ^2/NDF : 164750.6/63

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: -3.142 ± 0.056 χ^2/NDF : 2665.1/14

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.448 ± 0.047 χ^2/NDF : 2027.7/13

Left: -2.737 ± 0.036 χ^2/NDF : 4784.1/28

Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -2.219 ± 0.039 χ^2/NDF : 3312.2/30

Out: -2.531 ± 0.043 χ^2/NDF : 4395.3/32

All: -2.362 ± 0.029 χ^2/NDF : 7736.1/63

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected

