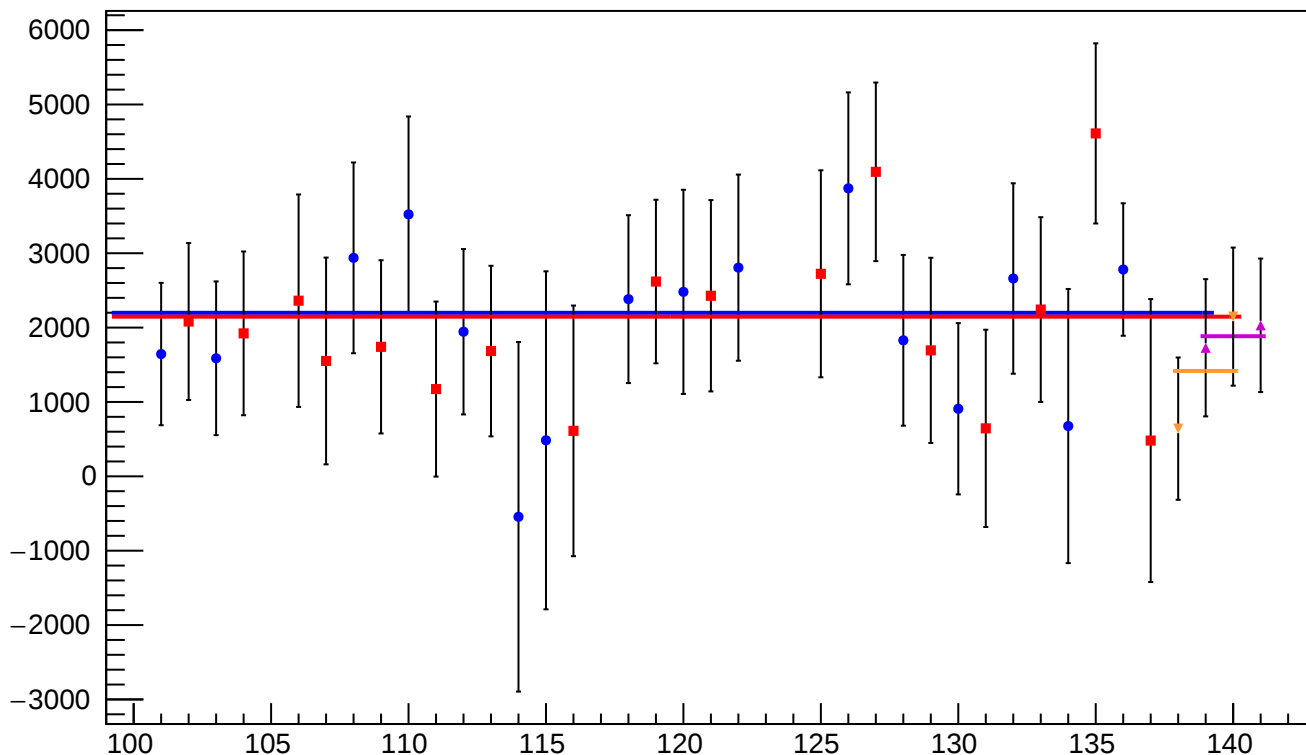


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1416.875+/-666.256

Right Out: 2147.149+/-304.804

Left In: 1883.851+/-643.493

χ^2/NDF : 8.6/15

χ^2/NDF : 1.3/1

χ^2/NDF : 11.4/16

χ^2/NDF : 0.1/1

Left: 1658.476+/-462.856

Right: 2172.848+/-216.219

In: 2140.543+/-276.910

Out: 2020.759+/-277.175

All: 2080.708+/-195.899

χ^2/NDF : 1.6/3

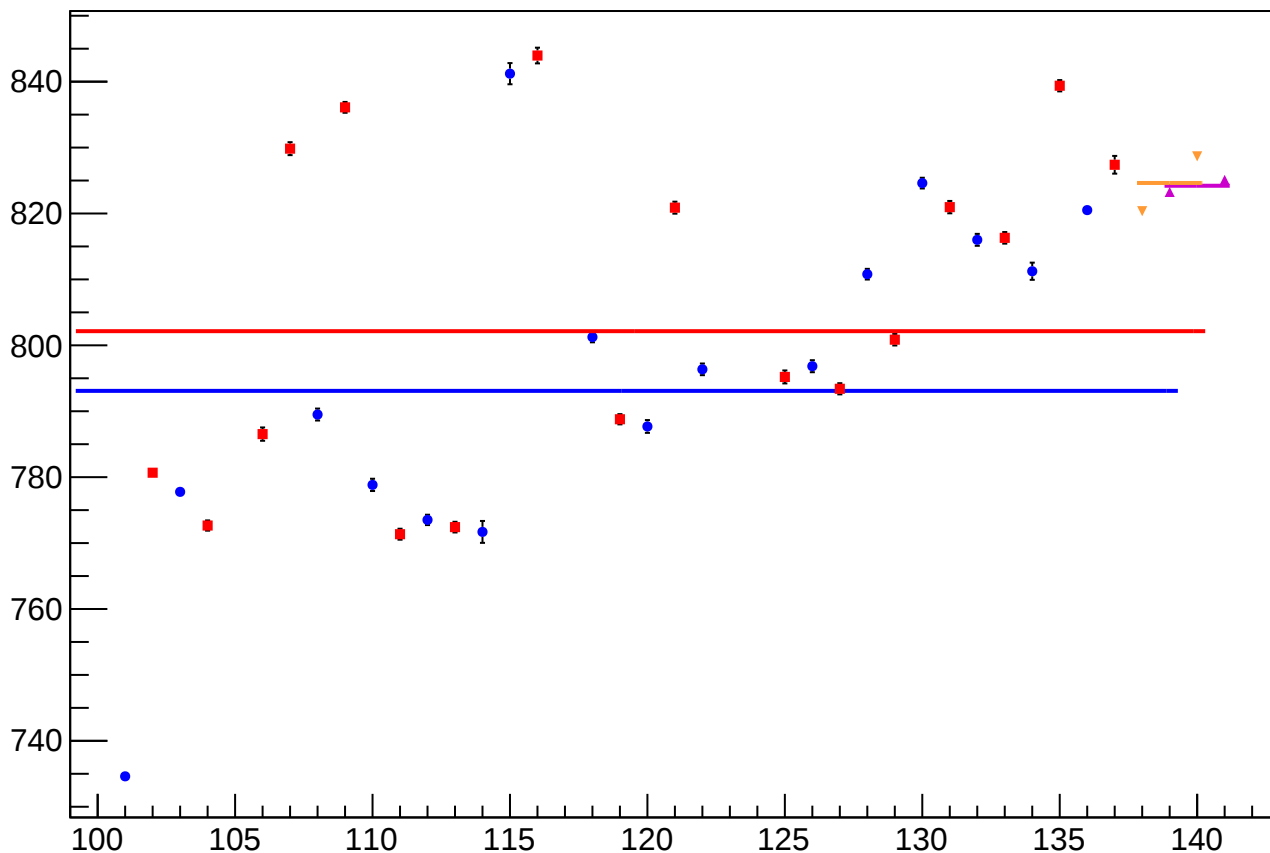
χ^2/NDF : 20.0/32

χ^2/NDF : 8.8/17

χ^2/NDF : 13.7/18

χ^2/NDF : 22.6/36

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 824.632 $\pm$ 0.471 χ^2 /NDF:77.9/1

Right Out: 802.148 $\pm$ 0.216 χ^2 /NDF: 12723.5/16

Left In: 824.209 $\pm$ 0.455 χ^2 /NDF:4.0/1

Left: 824.413 $\pm$ 0.327 χ^2 /NDF: 82.4/3

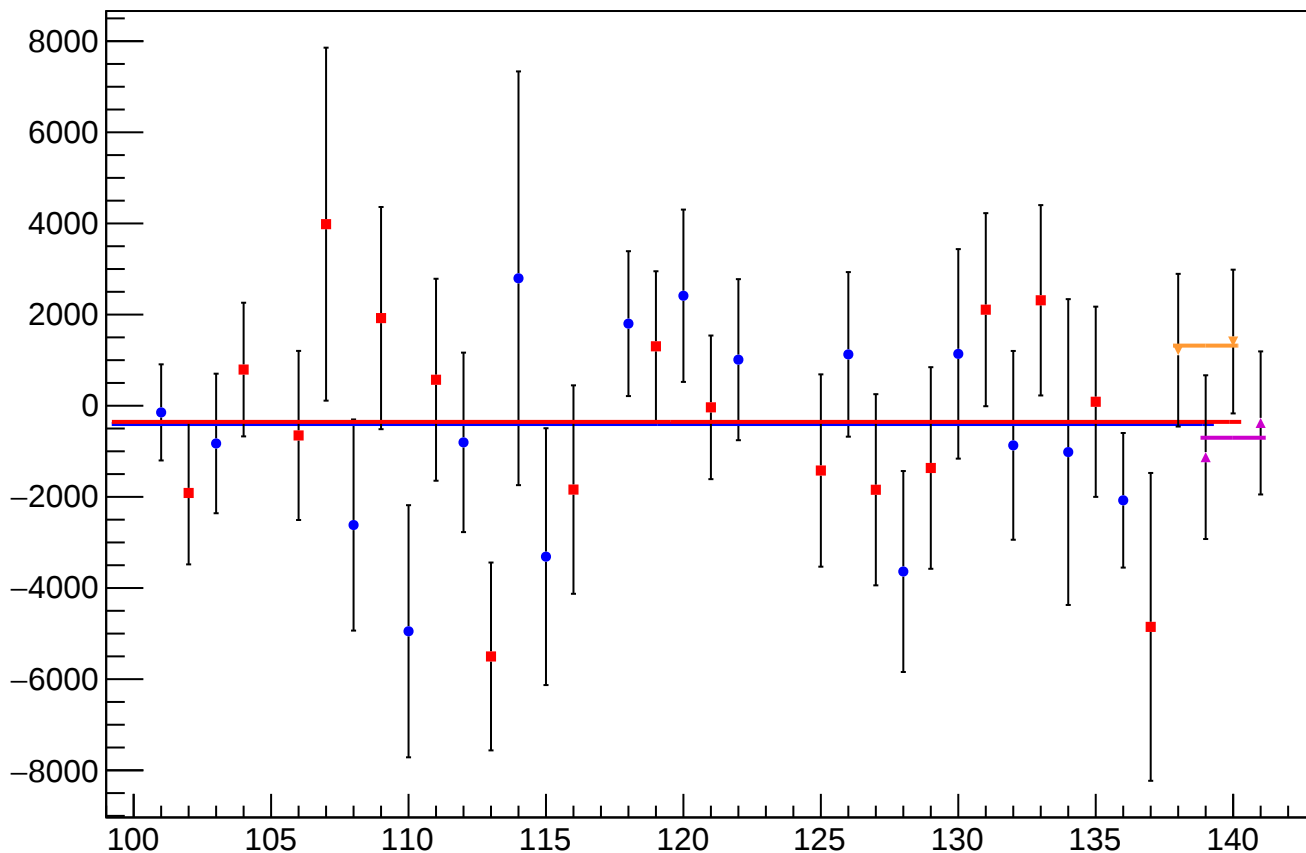
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 798.853 $\pm$ 0.196 χ^2 /NDF:18517.9/17

Out: 806.039 $\pm$ 0.196 χ^2 /NDF:14685.0/18

All: 802.443 $\pm$ 0.139 χ^2 /NDF: 33875.7/36

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: 1319.300+/-1148.356 χ^2/NDF : 0.0/1

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: -702.480+/-1182.107 χ^2/NDF : 0.1/1

Left: 337.684+/-823.684 χ^2/NDF : 1.6/3

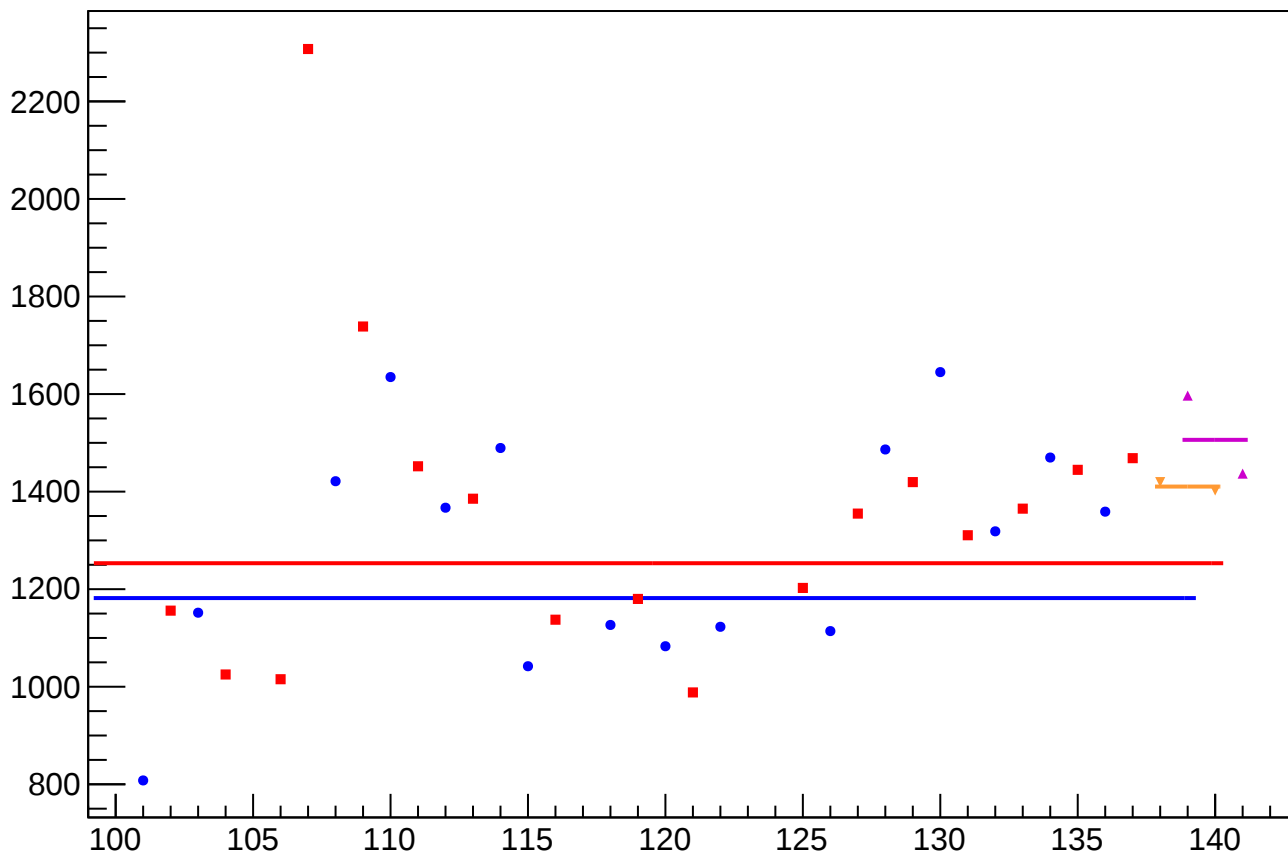
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -442.353+/-435.677 χ^2/NDF : 15.0/17

Out: -99.748+/-447.978 χ^2/NDF : 19.2/18

All: -275.819+/-312.328 χ^2/NDF : 34.5/36

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1410.373+/-0.812 χ^2/NDF : 111.8/1

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1506.155+/-0.836 χ^2/NDF : 8987.1/1

Left: 1456.877+/-0.582 χ^2/NDF : 15854.3/3

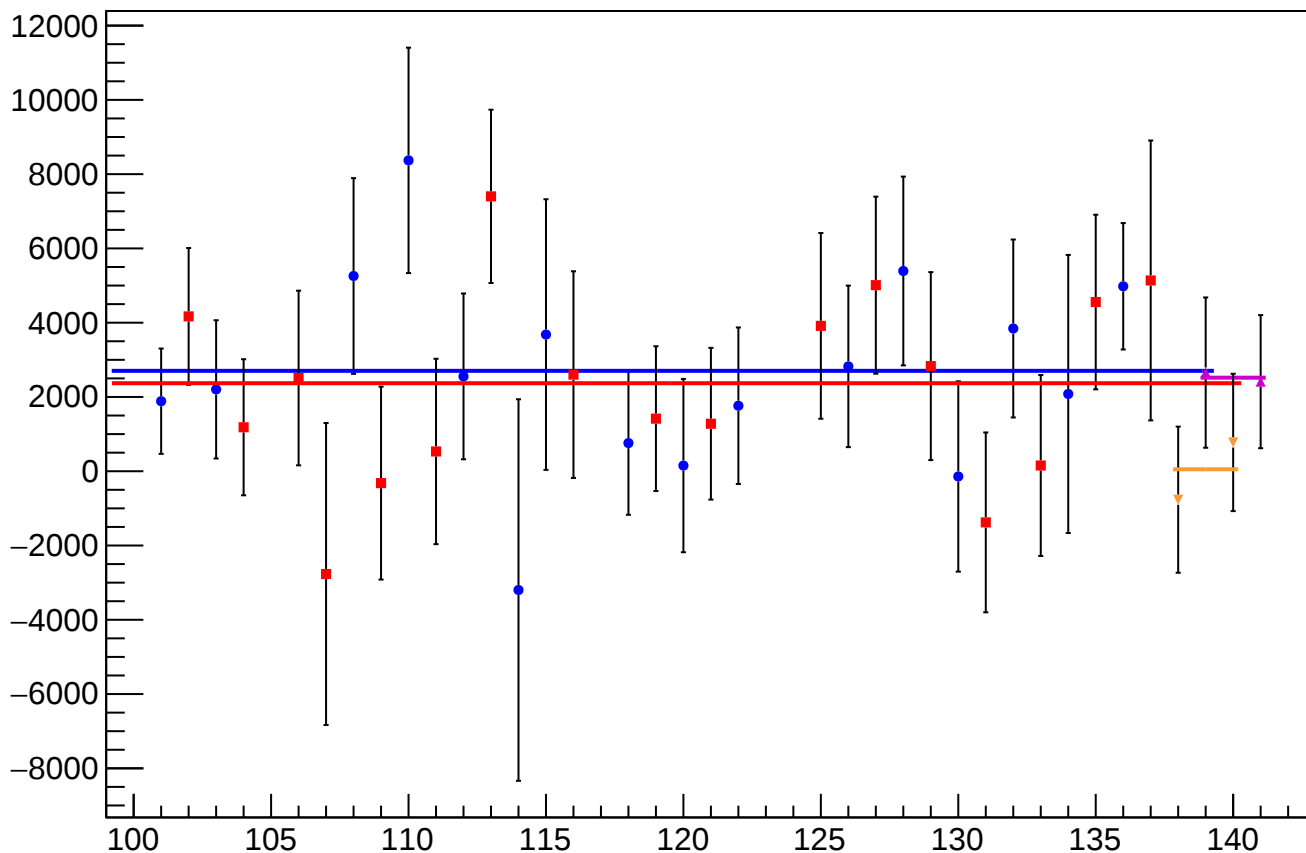
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1225.830+/-0.308 χ^2/NDF : 682630.0/17

Out: 1277.137+/-0.317 χ^2/NDF : 487507.4/18

All: 1250.769+/-0.221 χ^2/NDF : 1183619.2/36

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 52.218+/-1347.118 χ^2/NDF : 0.3/1

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 2519.408+/-1341.818 χ^2/NDF : 0.0/1

Left: 1290.675+/-950.677 χ^2/NDF : 2.0/3

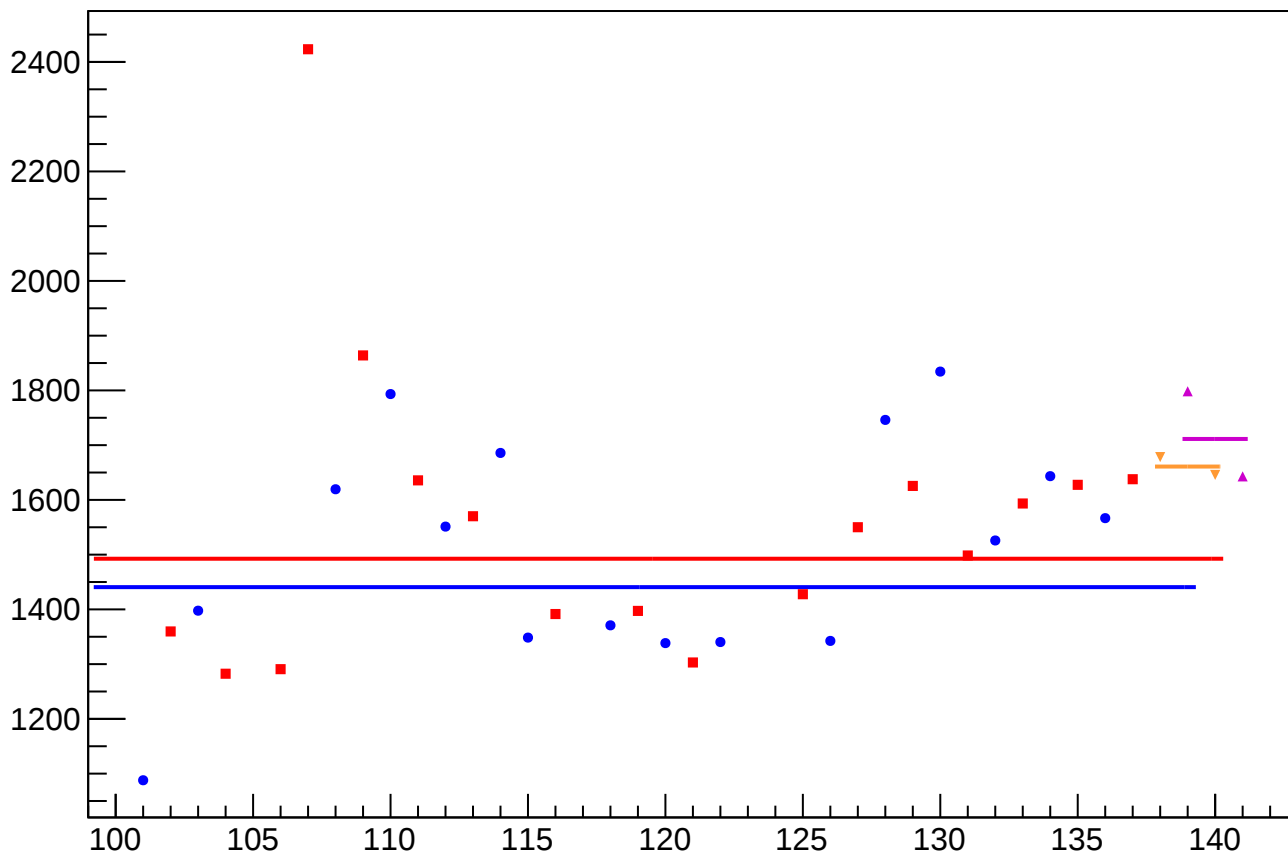
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 2675.978+/-520.334 χ^2/NDF : 13.1/17

Out: 2014.919+/-527.657 χ^2/NDF : 18.9/18

All: 2350.068+/-370.494 χ^2/NDF : 32.7/36

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1660.906+/-0.953 χ^2/NDF : 291.1/1

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

Left In: 1711.318+/-0.949 χ^2/NDF : 6614.0/1

Left: 1686.212+/-0.672 χ^2/NDF : 8311.0/3

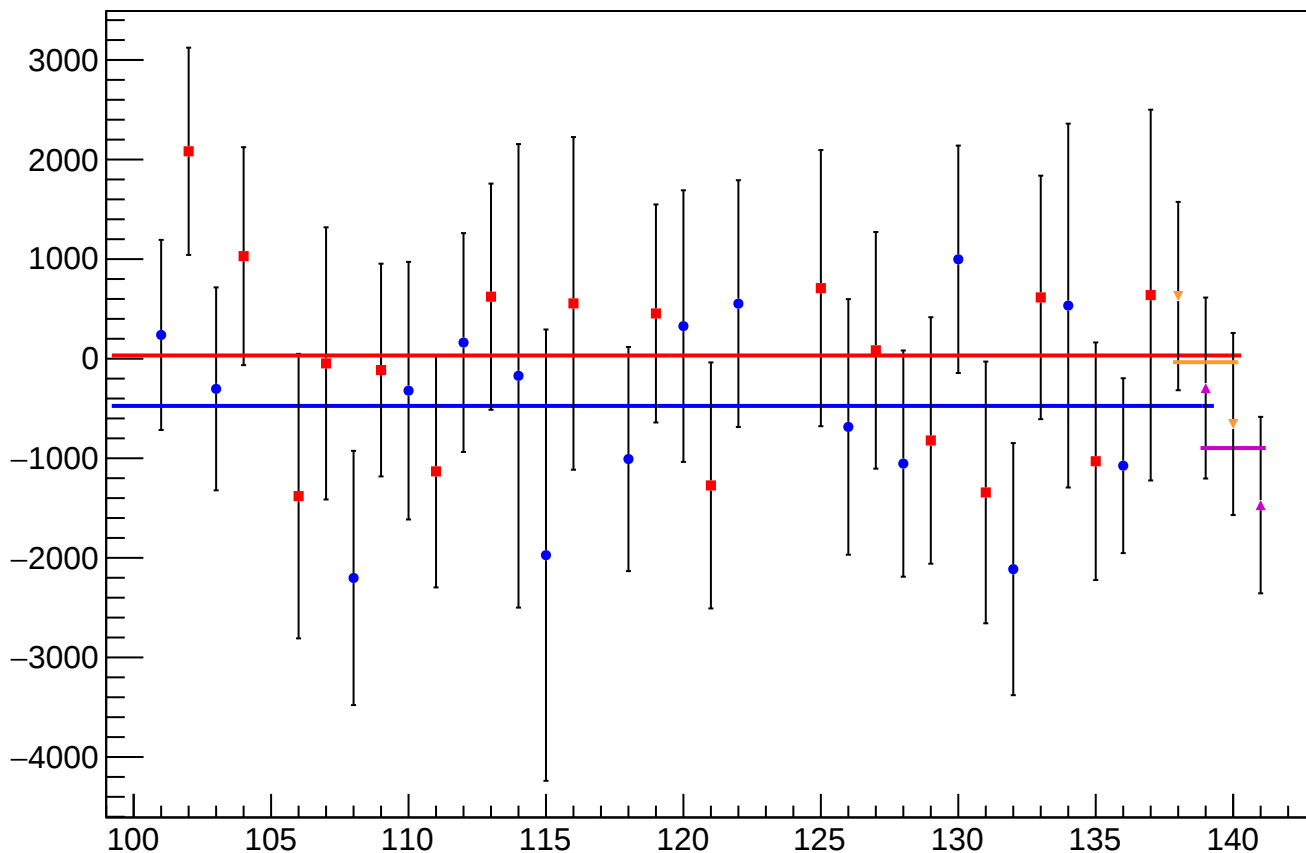
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1481.354+/-0.368 χ^2/NDF : 358017.8/17

Out: 1518.362+/-0.373 χ^2/NDF : 278248.6/18

All: 1499.600+/-0.262 χ^2/NDF : 641254.4/36

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -35.099+/-657.362 χ^2/NDF :1.0/1

Right Out: 32.454+/-299.611 χ^2/NDF : 11.3/16

Left In: -897.217+/-634.438 χ^2/NDF :0.9/1

Left: -481.452+/-456.505 χ^2/NDF : 2.7/3

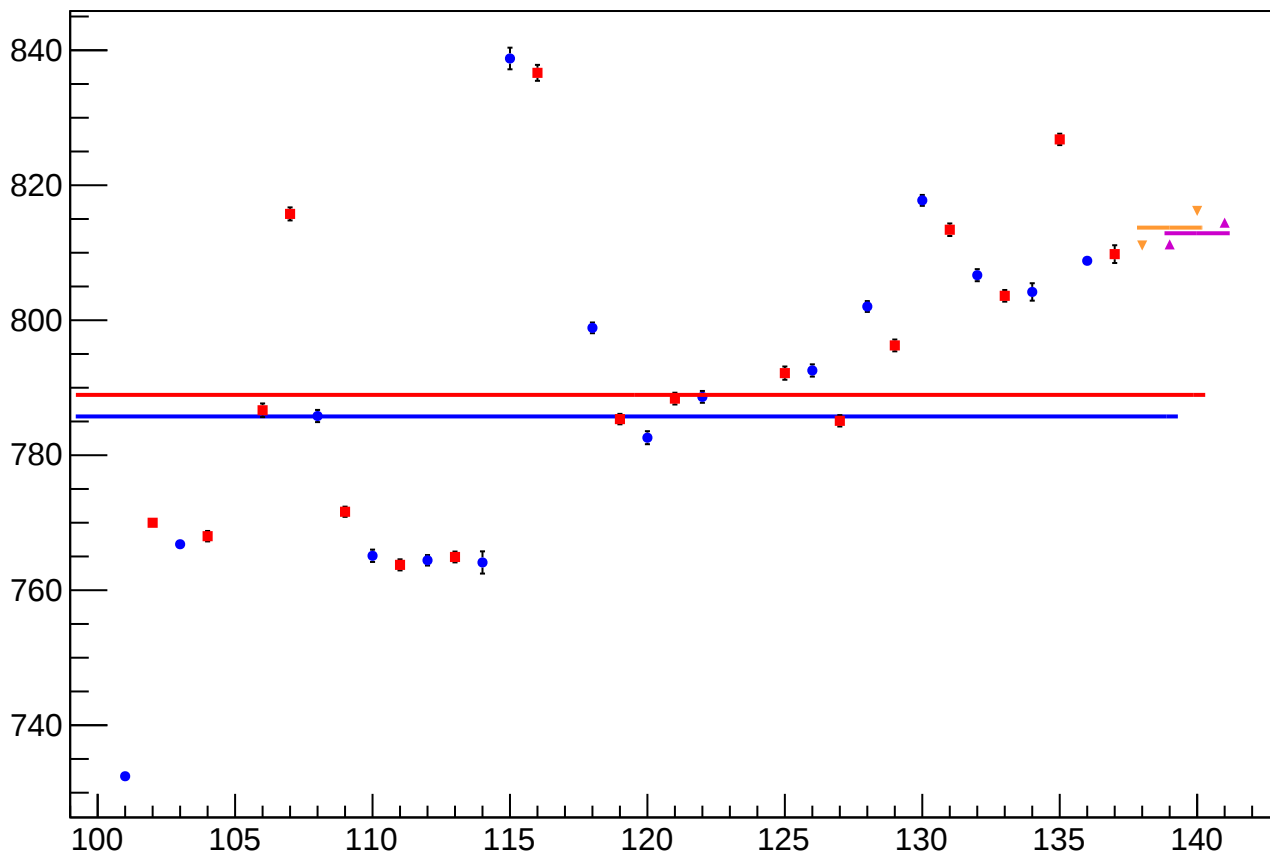
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -553.100+/-274.089 χ^2/NDF :10.1/17

Out: 20.835+/-272.629 χ^2/NDF :12.2/18

All: -264.600+/-193.292 χ^2/NDF : 24.5/36

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 813.722 $\pm$ 0.465 χ^2 /NDF:30.4/1

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

Left In: 812.887 $\pm$ 0.449 χ^2 /NDF:12.8/1

Left: 813.290 $\pm$ 0.323 χ^2 /NDF: 44.8/3

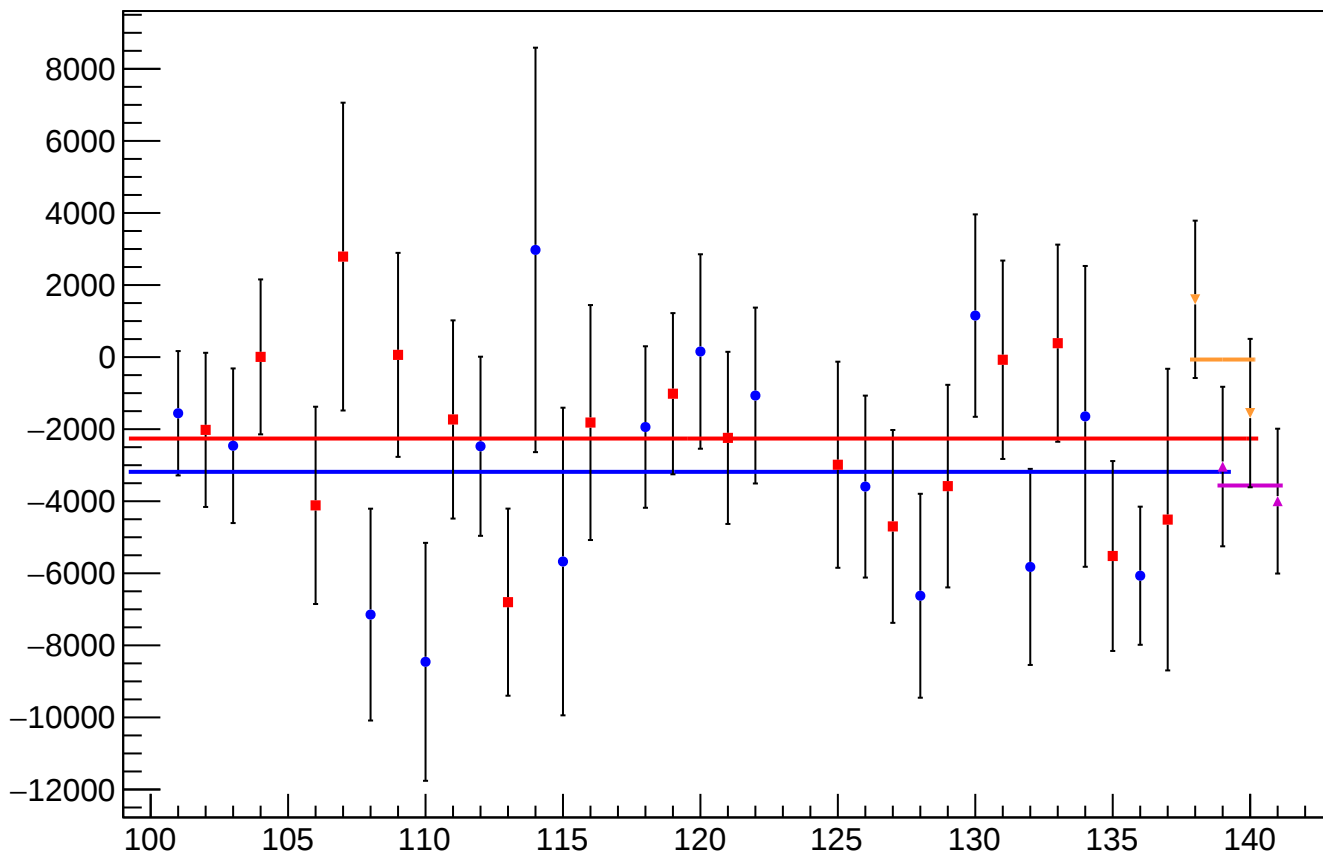
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 790.811 $\pm$ 0.194 χ^2 /NDF:16911.5/17

Out: 793.203 $\pm$ 0.193 χ^2 /NDF:11908.8/18

All: 792.013 $\pm$ 0.137 χ^2 /NDF: 28896.9/36

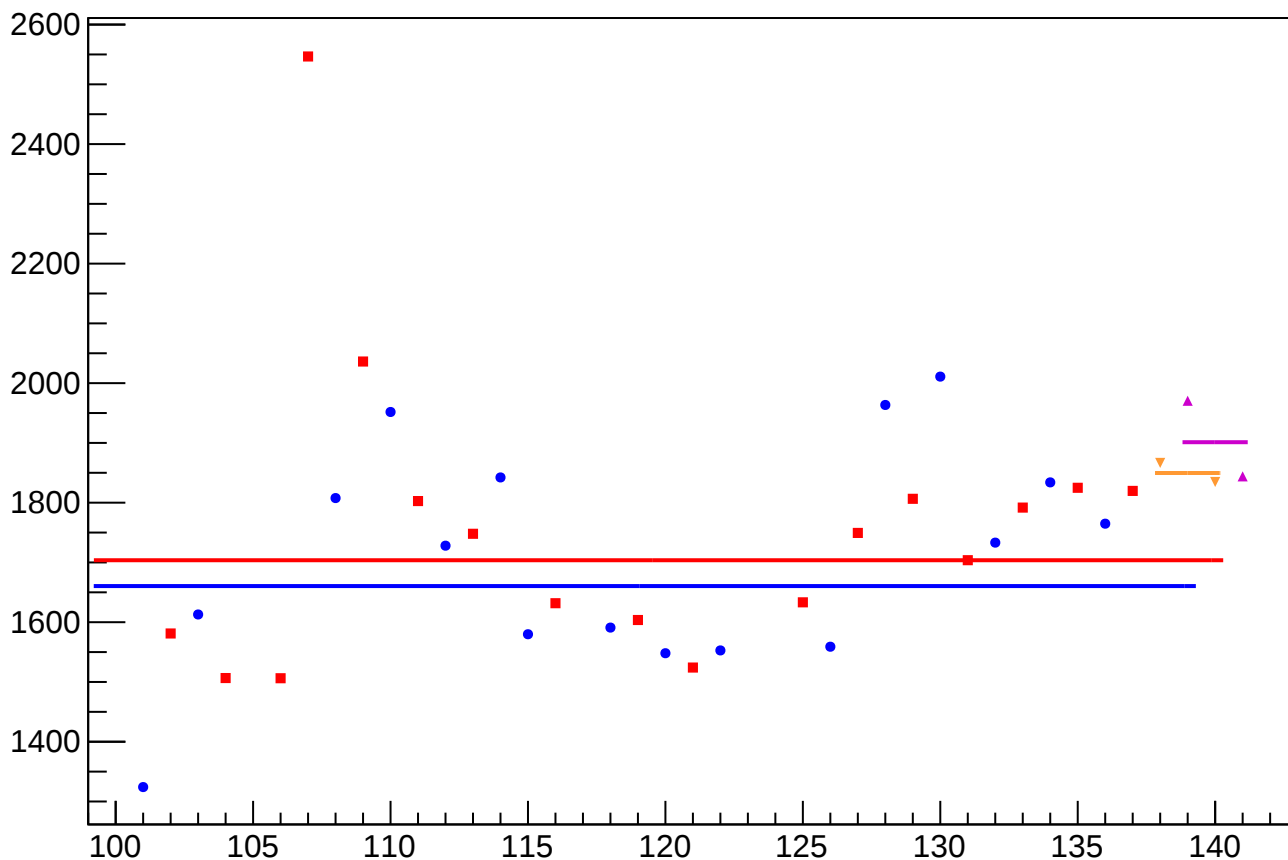
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -67.519 ± 1498.106 $\chi^2/\text{NDF}: 1.1/1$
 Right Out: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$
 Left In: -3563.521 ± 1488.118 $\chi^2/\text{NDF}: 0.1/1$

Left: -1827.213 ± 1055.772 $\chi^2/\text{NDF}: 4.0/3$
 Right: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$
 In: -3244.832 ± 593.624 $\chi^2/\text{NDF}: 17.0/17$
 Out: -1911.090 ± 597.802 $\chi^2/\text{NDF}: 14.5/18$
 All: -2582.638 ± 421.225 $\chi^2/\text{NDF}: 34.0/36$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1849.656+/-1.059 χ^2/NDF : 226.2/1

Right Out: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

Left In: 1901.185+/-1.052 χ^2/NDF : 3580.4/1

Left: 1875.593+/-0.747 χ^2/NDF : 4997.6/3

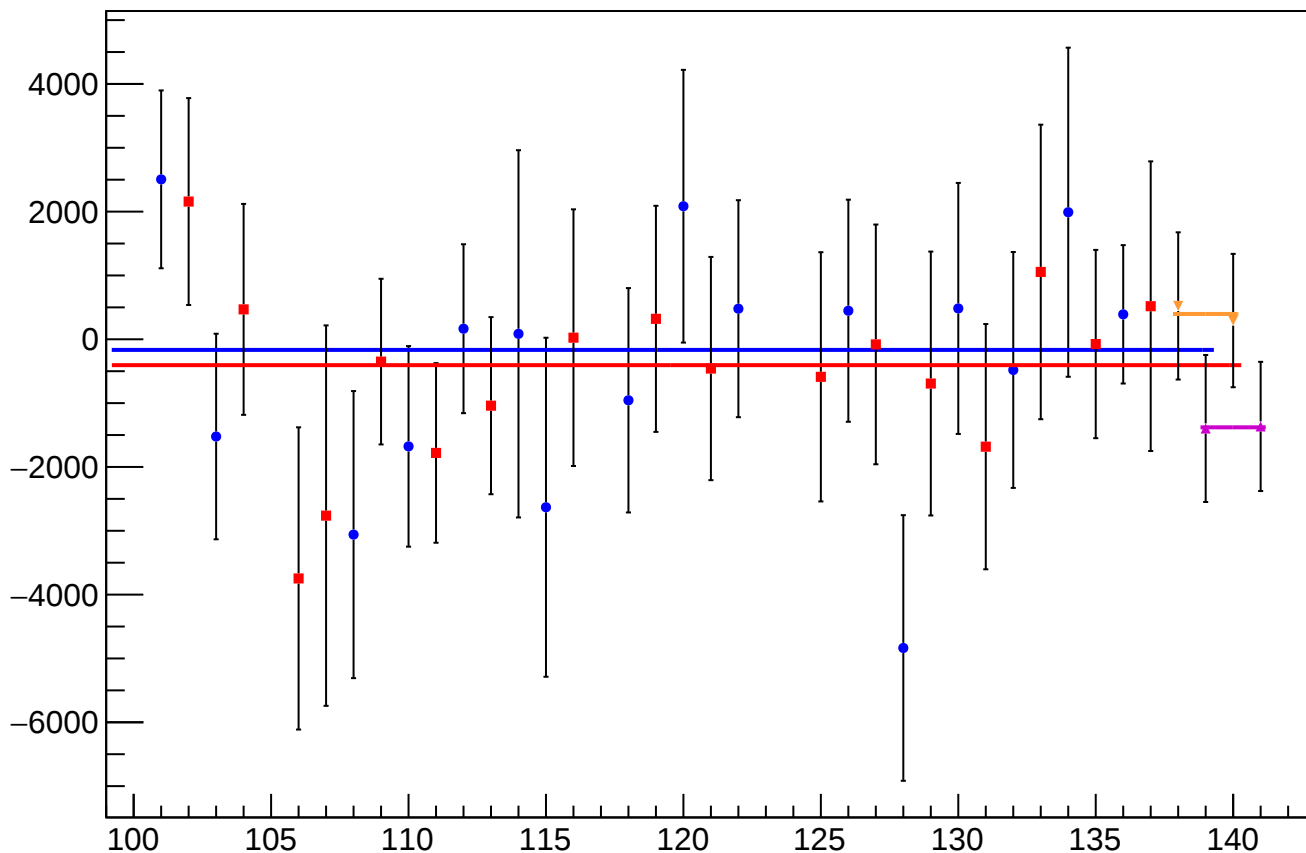
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

In: 1698.768+/-0.420 χ^2/NDF : 226793.5/17

Out: 1726.924+/-0.423 χ^2/NDF : 187217.4/18

All: 1712.747+/-0.298 χ^2/NDF : 416244.8/36

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 396.675+/-774.176 χ^2/NDF : 0.0/1

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

Left In: -1379.308+/-760.204 χ^2/NDF : 0.0/1

Left: -507.487+/-542.418 χ^2/NDF : 2.7/3

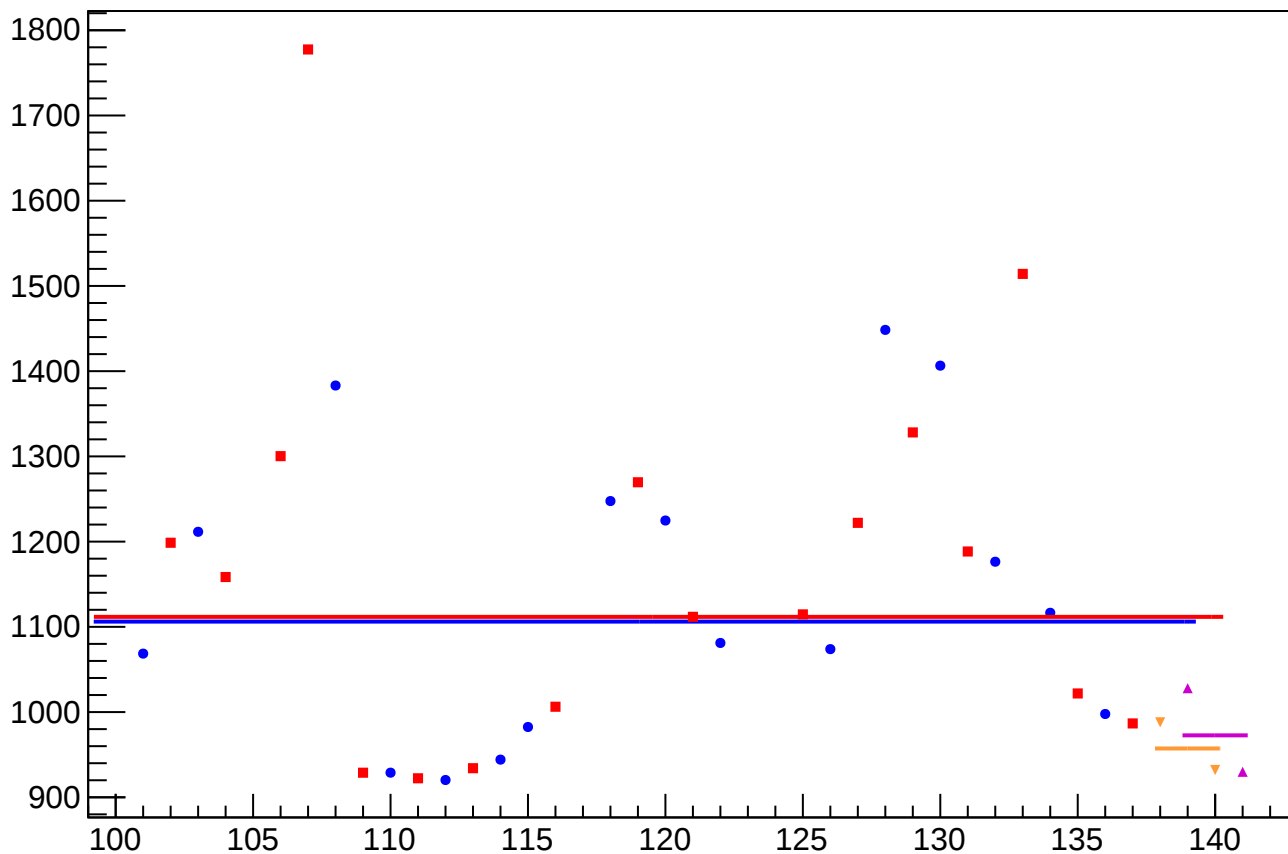
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -463.146+/-376.038 χ^2/NDF : 17.5/17

Out: -217.139+/-374.984 χ^2/NDF : 8.7/18

All: -339.797+/-265.525 χ^2/NDF : 26.5/36

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 957.279+/-0.547 χ^2/NDF : 2580.5/1

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 972.687+/-0.538 χ^2/NDF : 8183.4/1

Left: 965.123+/-0.384 χ^2/NDF : 11167.2/3

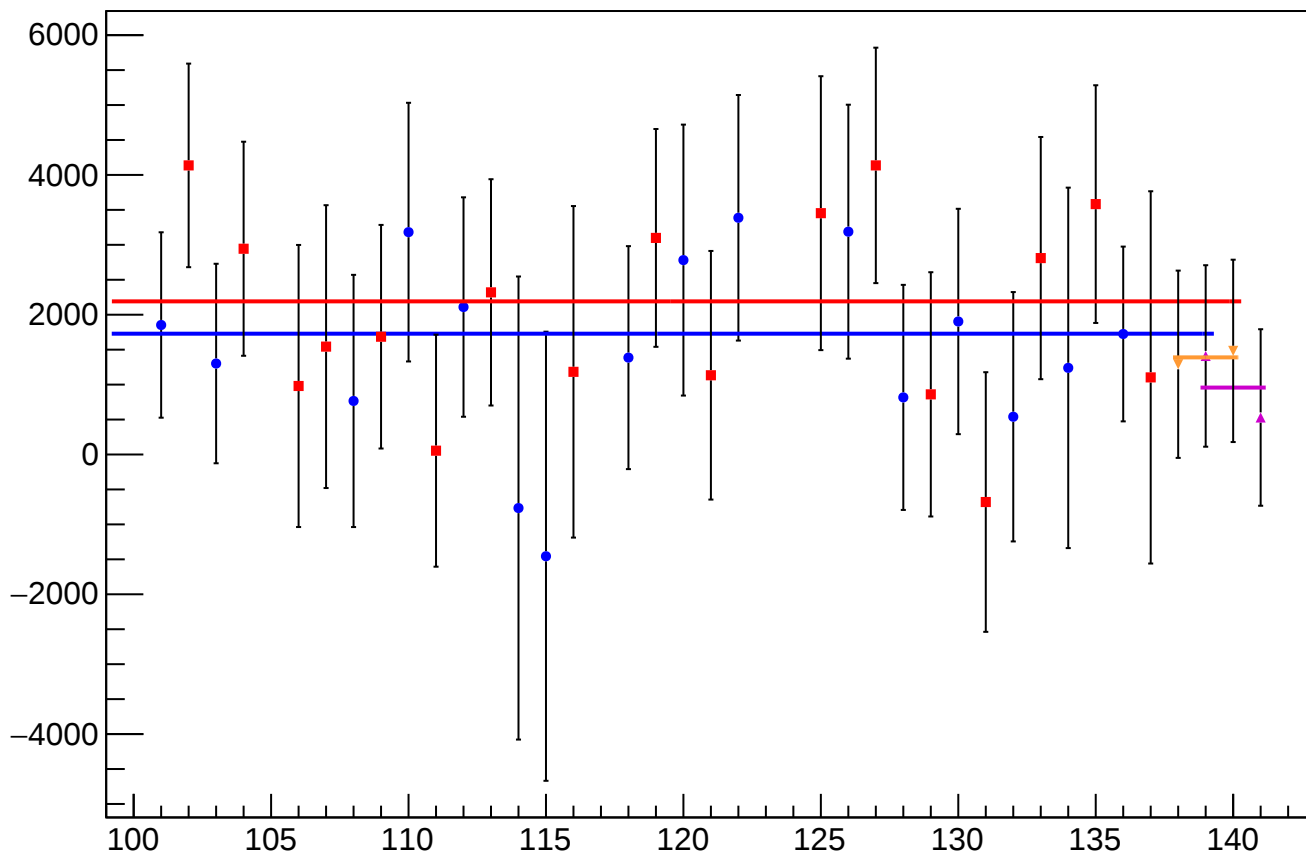
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1073.501+/-0.266 χ^2/NDF : 314668.5/17

Out: 1075.491+/-0.265 χ^2/NDF : 419893.5/18

All: 1074.499+/-0.188 χ^2/NDF : 734590.1/36

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1389.510 $\pm$ 934.634 χ^2/NDF : 0.0/1

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

Left In: 957.441 $\pm$ 905.250 χ^2/NDF : 0.2/1

Left: 1166.577 $\pm$ 650.248 χ^2/NDF : 0.4/3

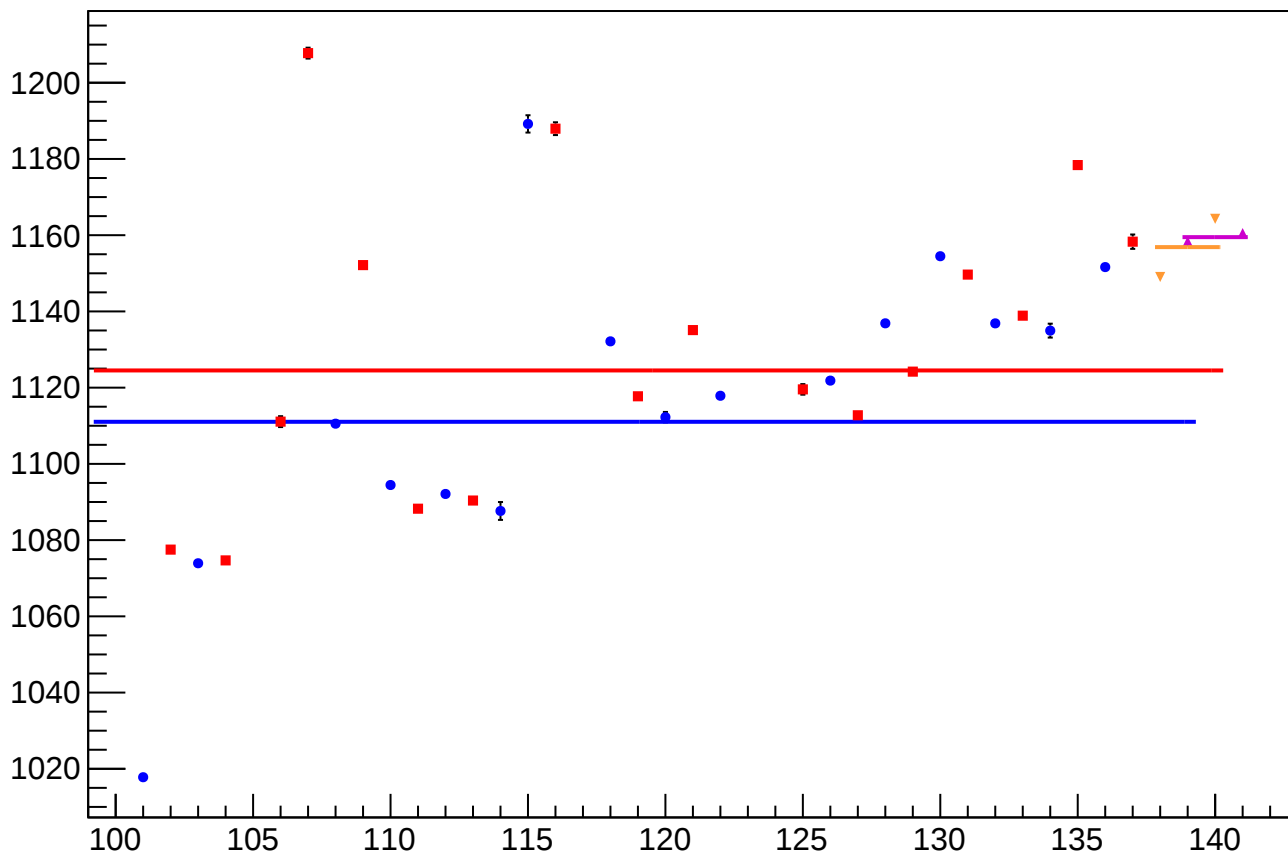
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1586.629 $\pm$ 388.263 χ^2/NDF : 6.1/17

Out: 2052.454 $\pm$ 388.553 χ^2/NDF : 11.4/18

All: 1819.368 $\pm$ 274.646 χ^2/NDF : 18.3/36

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 ± 0.304 $\chi^2/\text{NDF}: 18091.1/15$

Left Out: 1156.873 ± 0.661 $\chi^2/\text{NDF}: 133.2/1$

Right Out: 1124.514 ± 0.302 $\chi^2/\text{NDF}: 14600.7/16$

Left In: 1159.491 ± 0.640 $\chi^2/\text{NDF}: 2.9/1$

Left: 1158.224 ± 0.460 $\chi^2/\text{NDF}: 144.2/3$

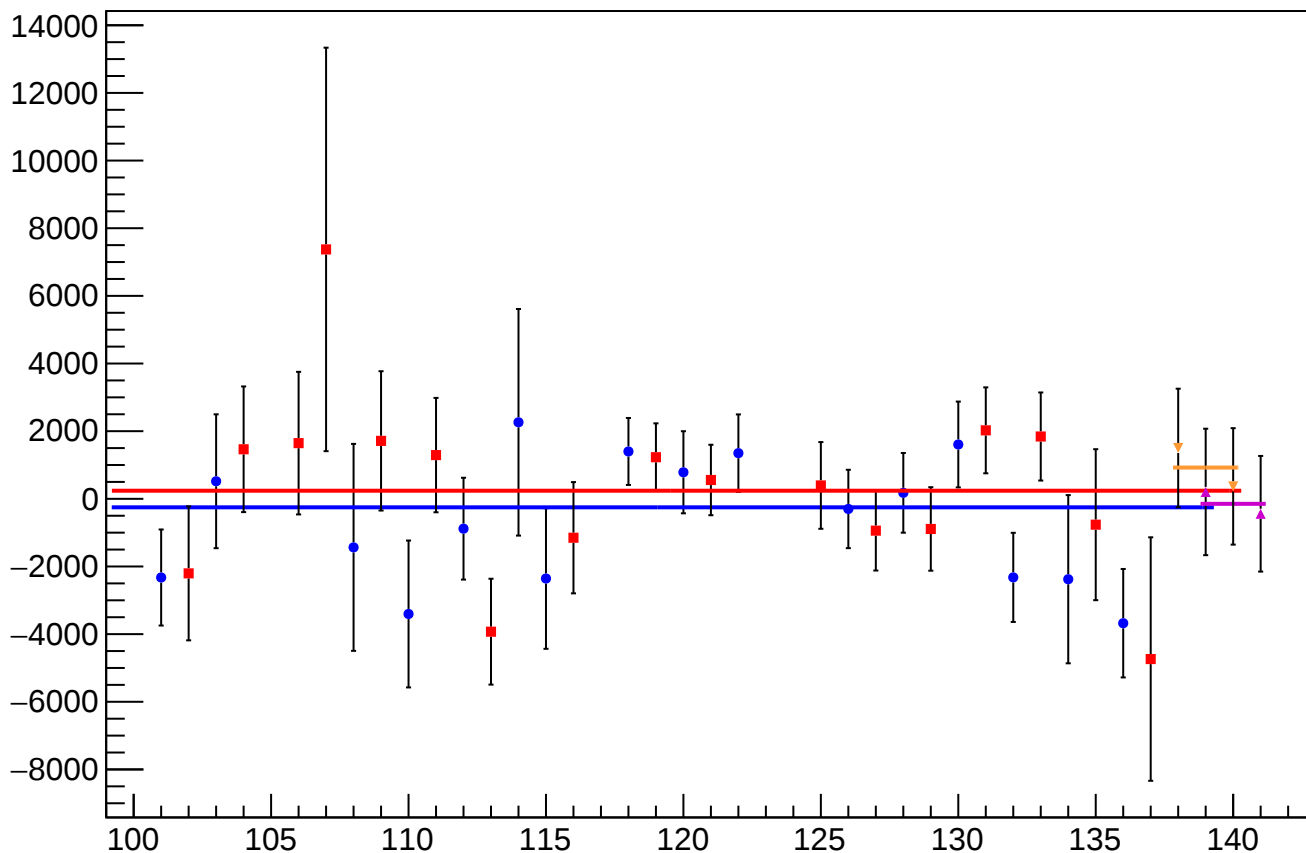
Right: 1117.819 ± 0.214 $\chi^2/\text{NDF}: 33680.2/32$

In: 1119.955 ± 0.275 $\chi^2/\text{NDF}: 22768.8/17$

Out: 1130.107 ± 0.275 $\chi^2/\text{NDF}: 16716.9/18$

All: 1125.027 ± 0.194 $\chi^2/\text{NDF}: 40168.9/36$

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 924.868 ± 1228.127 χ^2/NDF : 0.2/1

Right Out: 239.863 ± 363.842 χ^2/NDF : 21.1/16

Left In: -147.912 ± 1261.475 χ^2/NDF : 0.1/1

Left: 402.845 ± 879.970 χ^2/NDF : 0.6/3

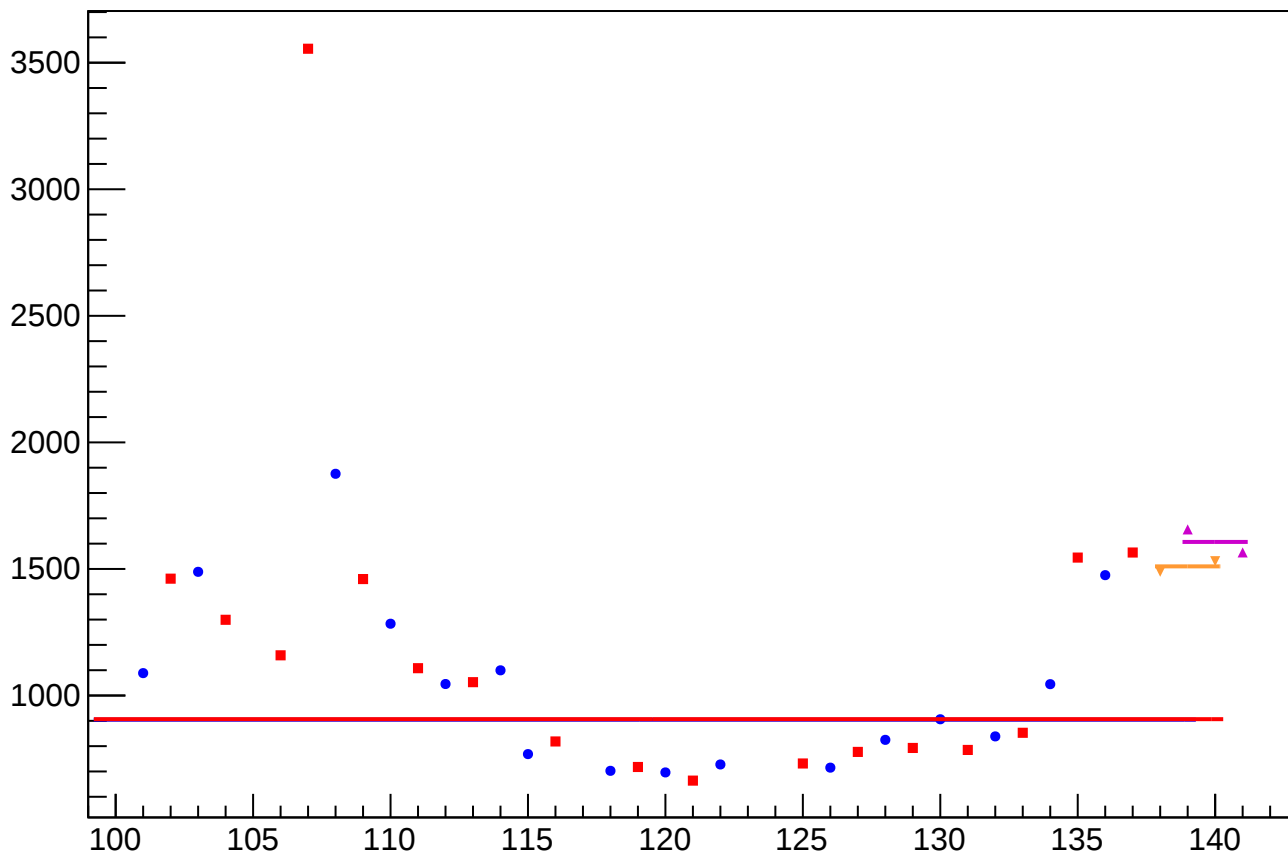
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: -243.340 ± 350.574 χ^2/NDF : 21.9/17

Out: 295.134 ± 348.854 χ^2/NDF : 21.6/18

All: 27.221 ± 247.283 χ^2/NDF : 44.7/36

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1510.185+/-0.868 χ^2/NDF :574.3/1

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

Left In: 1606.770+/-0.892 χ^2/NDF :2578.0/1

Left: 1557.184+/-0.622 χ^2/NDF : 9171.5/3

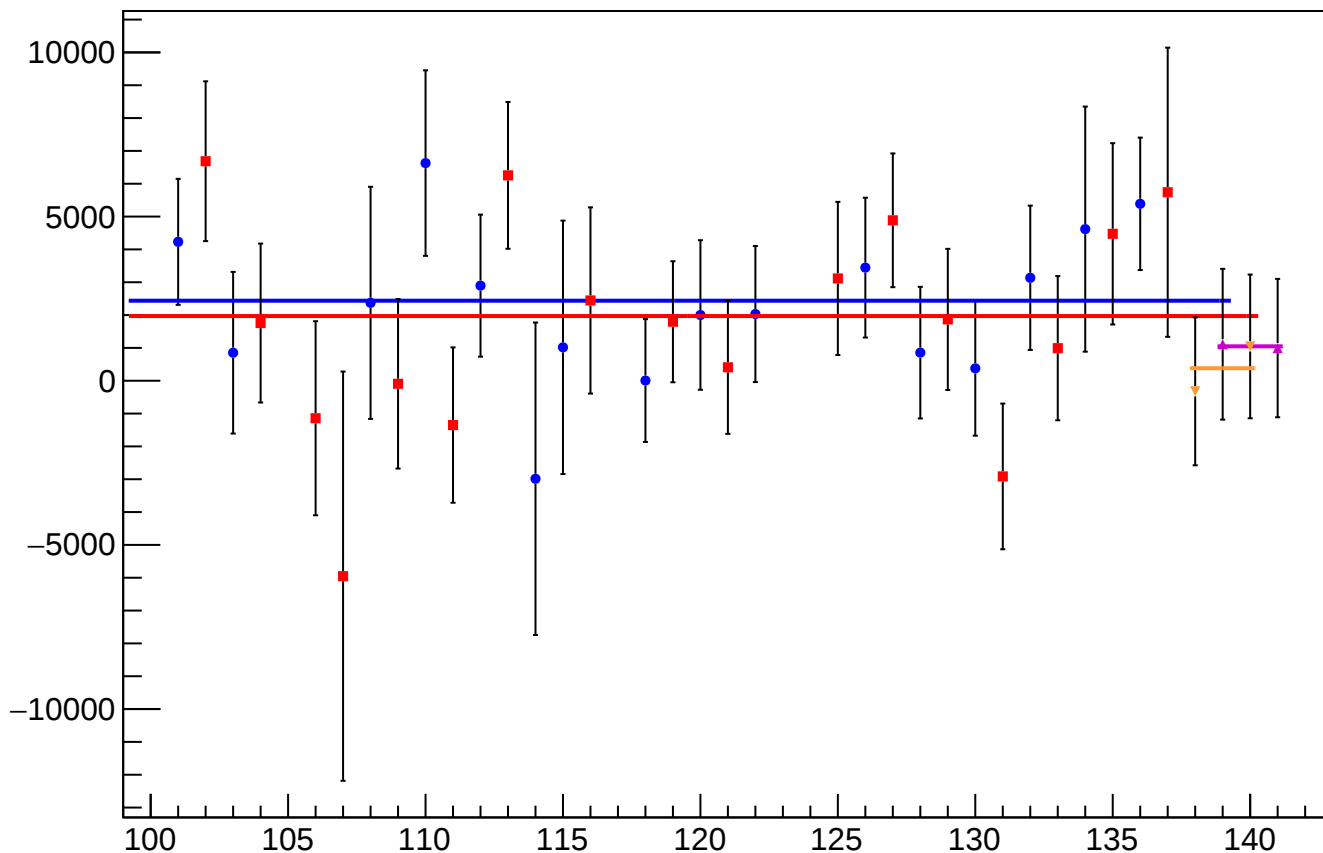
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 958.728+/-0.248 χ^2/NDF :1595661.5/17

Out: 955.296+/-0.247 χ^2/NDF :1820763.0/18

All: 957.004+/-0.175 χ^2/NDF : 3416520.9/36

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 381.356+/-1569.749 χ^2/NDF : 0.2/1

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1047.914+/-1552.673 χ^2/NDF : 0.0/1

Left: 718.280+/-1103.893 χ^2/NDF : 0.3/3

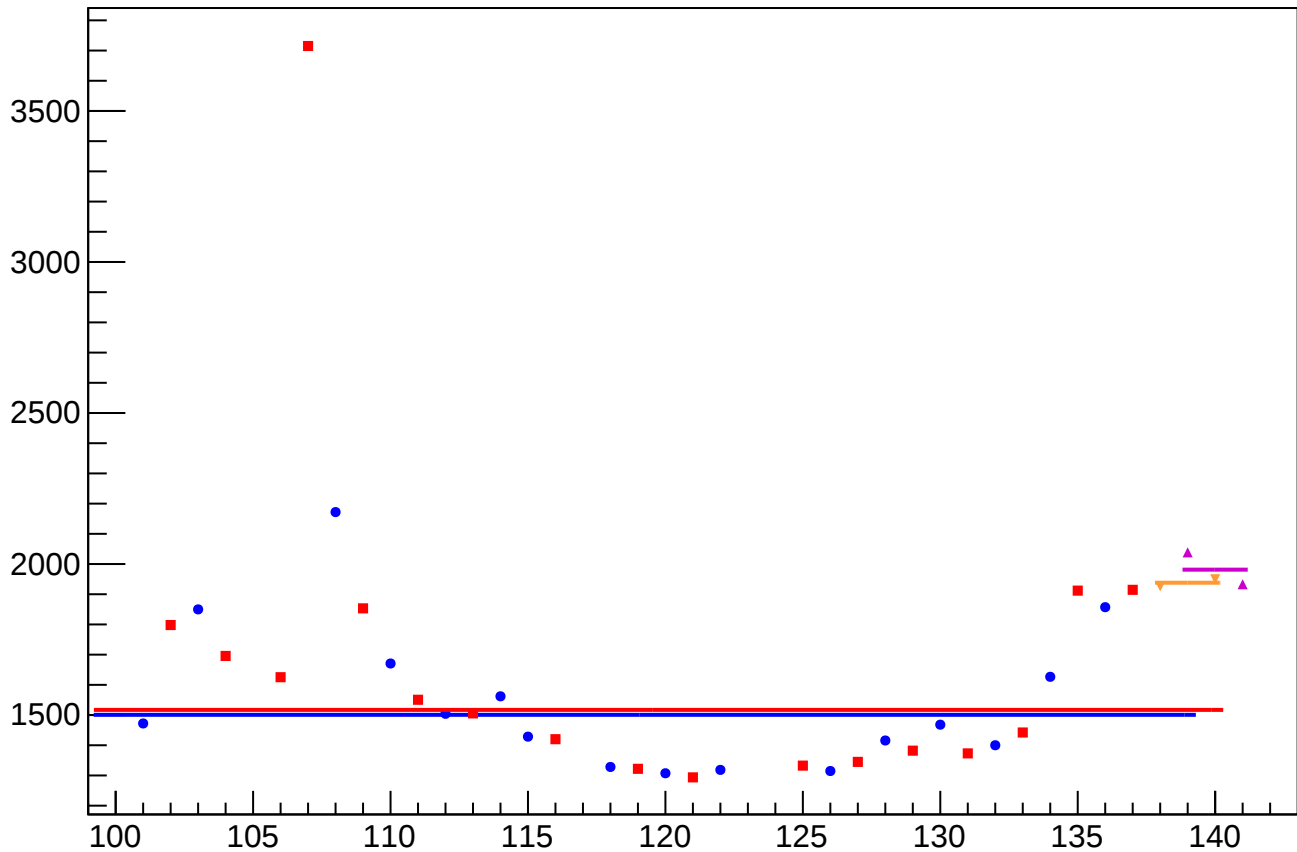
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 2264.133+/-548.442 χ^2/NDF : 11.9/17

Out: 1775.691+/-549.539 χ^2/NDF : 23.4/18

All: 2020.401+/-388.194 χ^2/NDF : 35.6/36

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1938.168+/-1.110 χ^2/NDF :112.2/1

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1981.406+/-1.098 χ^2/NDF :2294.5/1

Left: 1960.024+/-0.781 χ^2/NDF : 3173.7/3

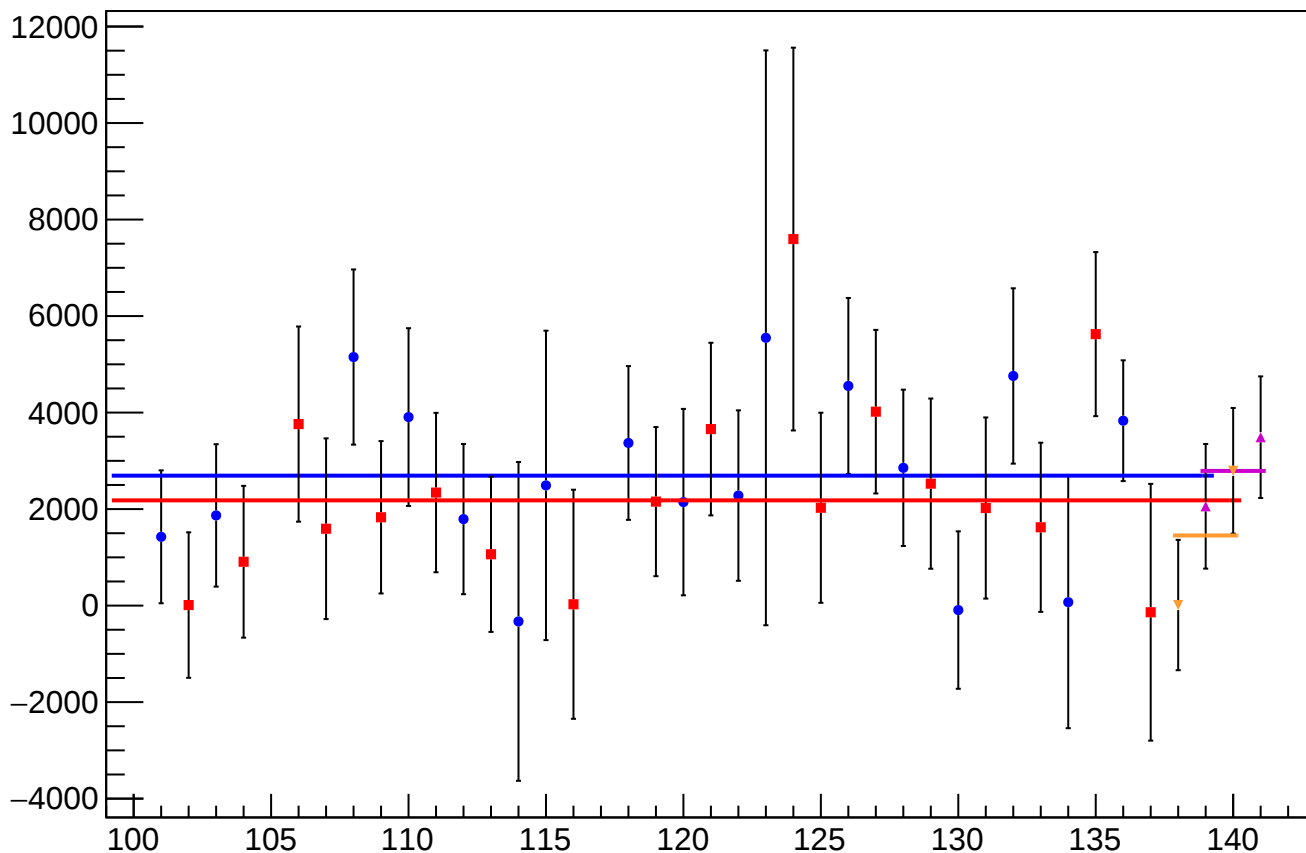
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1560.790+/-0.388 χ^2/NDF :426216.7/17

Out: 1568.722+/-0.389 χ^2/NDF :601414.7/18

All: 1564.748+/-0.274 χ^2/NDF : 1027840.2/36

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1453.293 $\pm$ 937.400 χ^2 /NDF:2.2/1

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

Left In: 2791.141 $\pm$ 902.075 χ^2 /NDF:0.6/1

Left: 2147.899 $\pm$ 649.993 χ^2 /NDF: 3.9/3

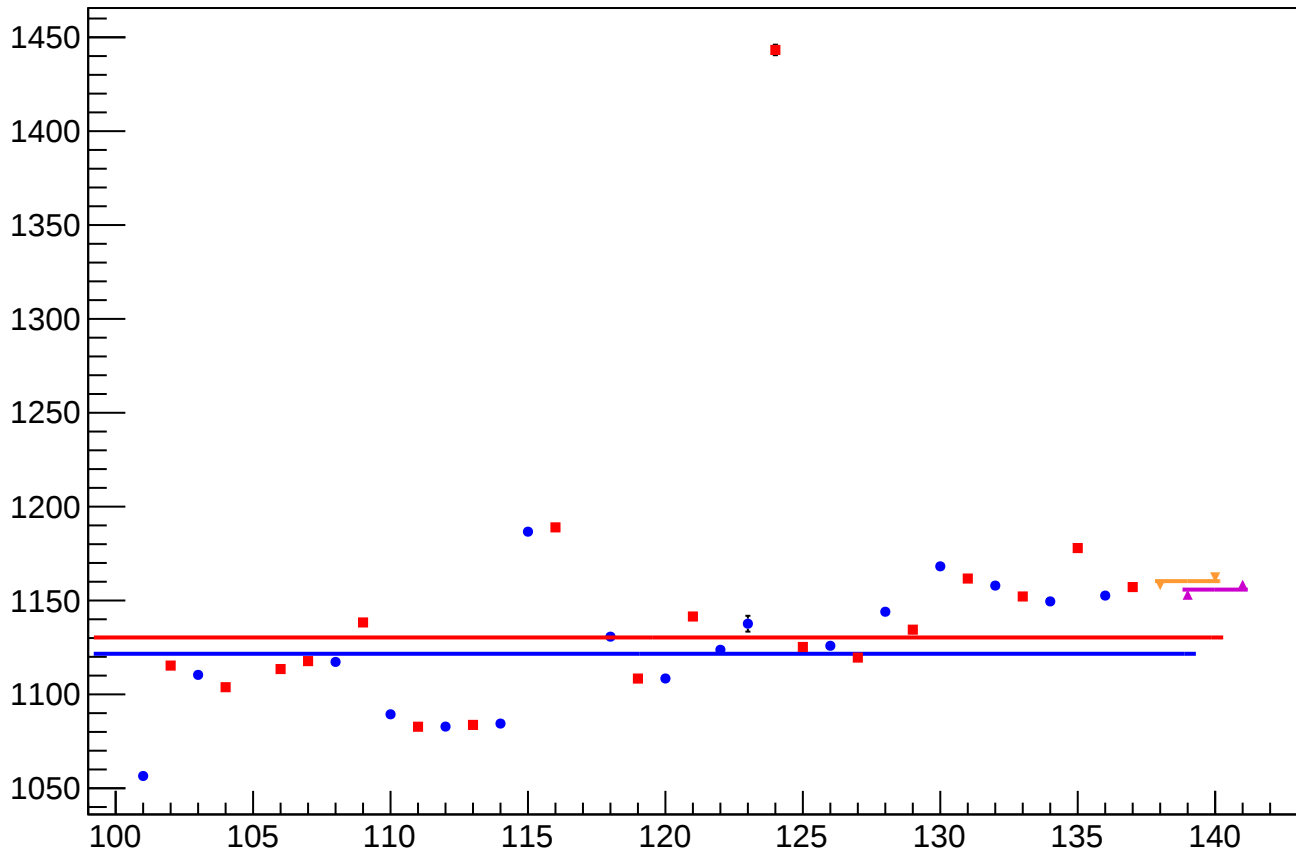
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2711.349 $\pm$ 390.077 χ^2 /NDF:12.9/18

Out: 2056.686 $\pm$ 387.416 χ^2 /NDF:16.2/19

All: 2381.777 $\pm$ 274.880 χ^2 /NDF: 30.5/38

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626+/-0.306 χ^2/NDF : 11980.2/16

Left Out: 1160.324+/-0.663 χ^2/NDF : 9.8/1

Right Out: 1130.316+/-0.301 χ^2/NDF : 21276.1/17

Left In: 1155.811+/-0.638 χ^2/NDF : 17.4/1

Left: 1157.981+/-0.460 χ^2/NDF : 51.3/3

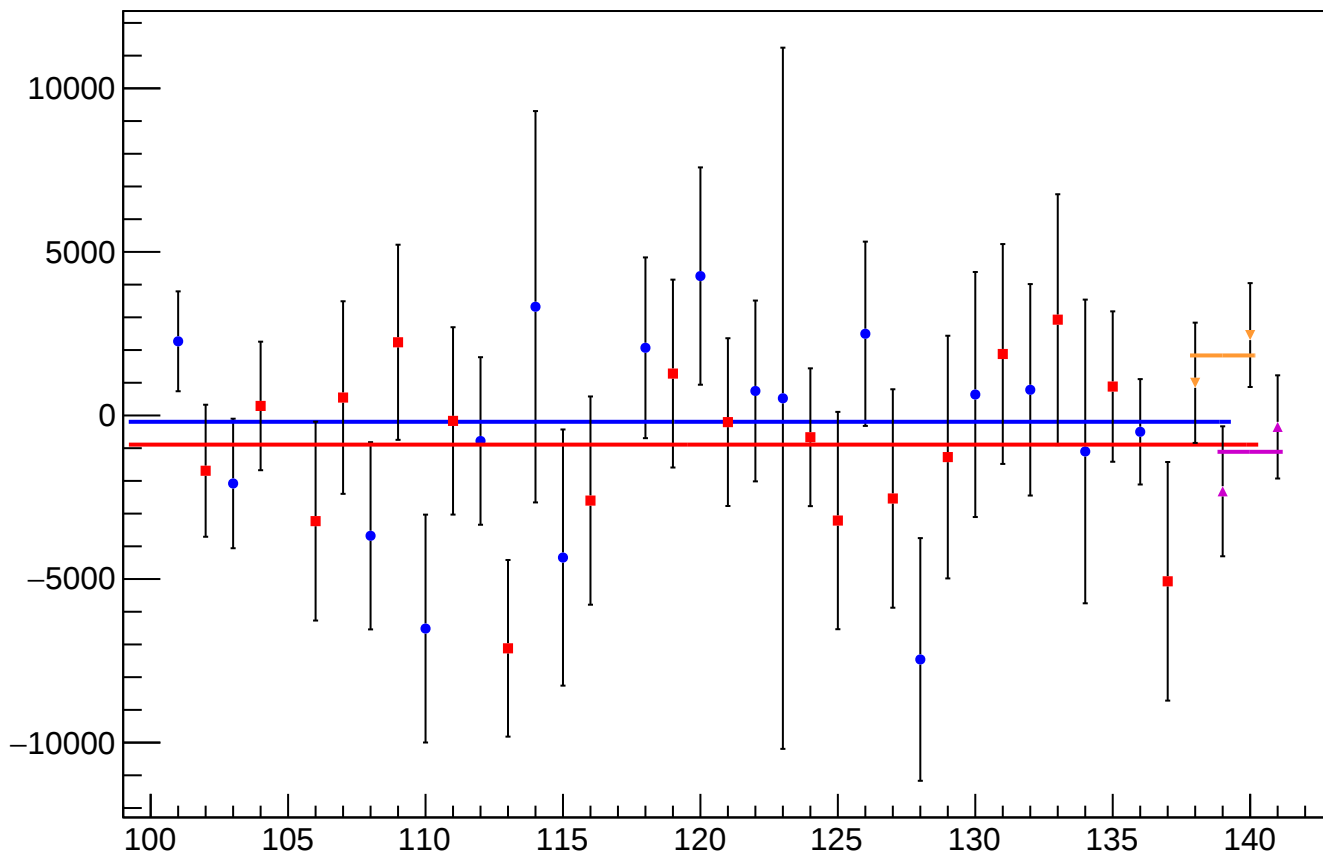
Right: 1126.044+/-0.214 χ^2/NDF : 33666.6/34

In: 1128.019+/-0.276 χ^2/NDF : 14332.8/18

Out: 1135.442+/-0.274 χ^2/NDF : 22985.4/19

All: 1131.756+/-0.194 χ^2/NDF : 37682.8/38

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1834.799+/-1201.581 χ^2/NDF : 0.4/1

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

Left In: -1110.993+/-1235.336 χ^2/NDF : 0.6/1

Left: 402.699+/-861.332 χ^2/NDF : 3.9/3

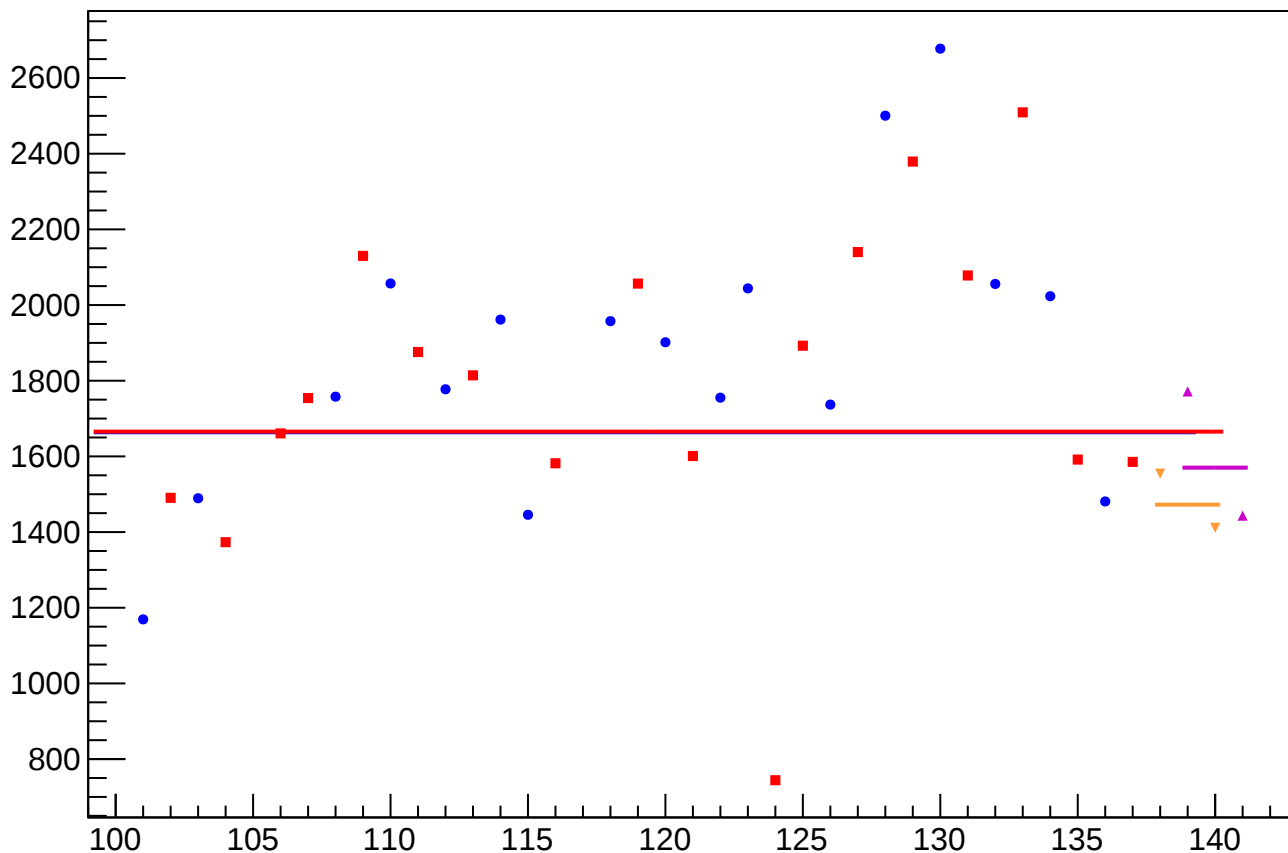
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -397.278+/-582.373 χ^2/NDF : 18.4/18

Out: -274.841+/-571.305 χ^2/NDF : 17.4/19

All: -334.885+/-407.831 χ^2/NDF : 35.9/38

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1472.462+/-0.850 χ^2/NDF : 6937.5/1

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

Left In: 1570.307+/-0.874 χ^2/NDF : 33508.9/1

Left: 1520.030+/-0.609 χ^2/NDF : 46893.7/3

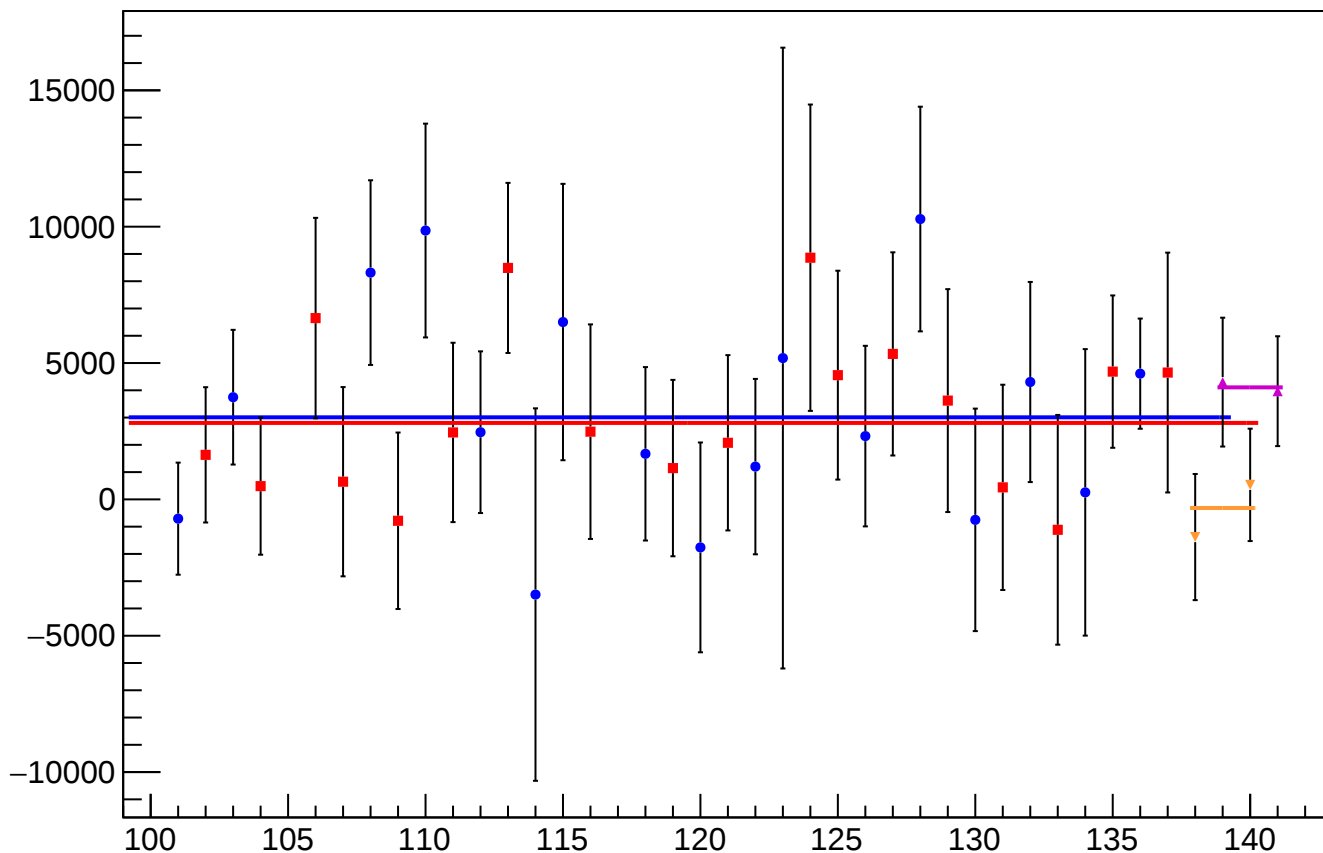
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1643.005+/-0.412 χ^2/NDF : 664892.2/18

Out: 1621.835+/-0.404 χ^2/NDF : 849665.0/19

All: 1632.217+/-0.288 χ^2/NDF : 1515904.0/38

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -314.886+/-1538.649 χ^2/NDF : 0.4/1

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

Left In: 4107.605+/-1532.570 χ^2/NDF : 0.0/1

Left: 1905.113+/-1085.834 χ^2/NDF : 4.5/3

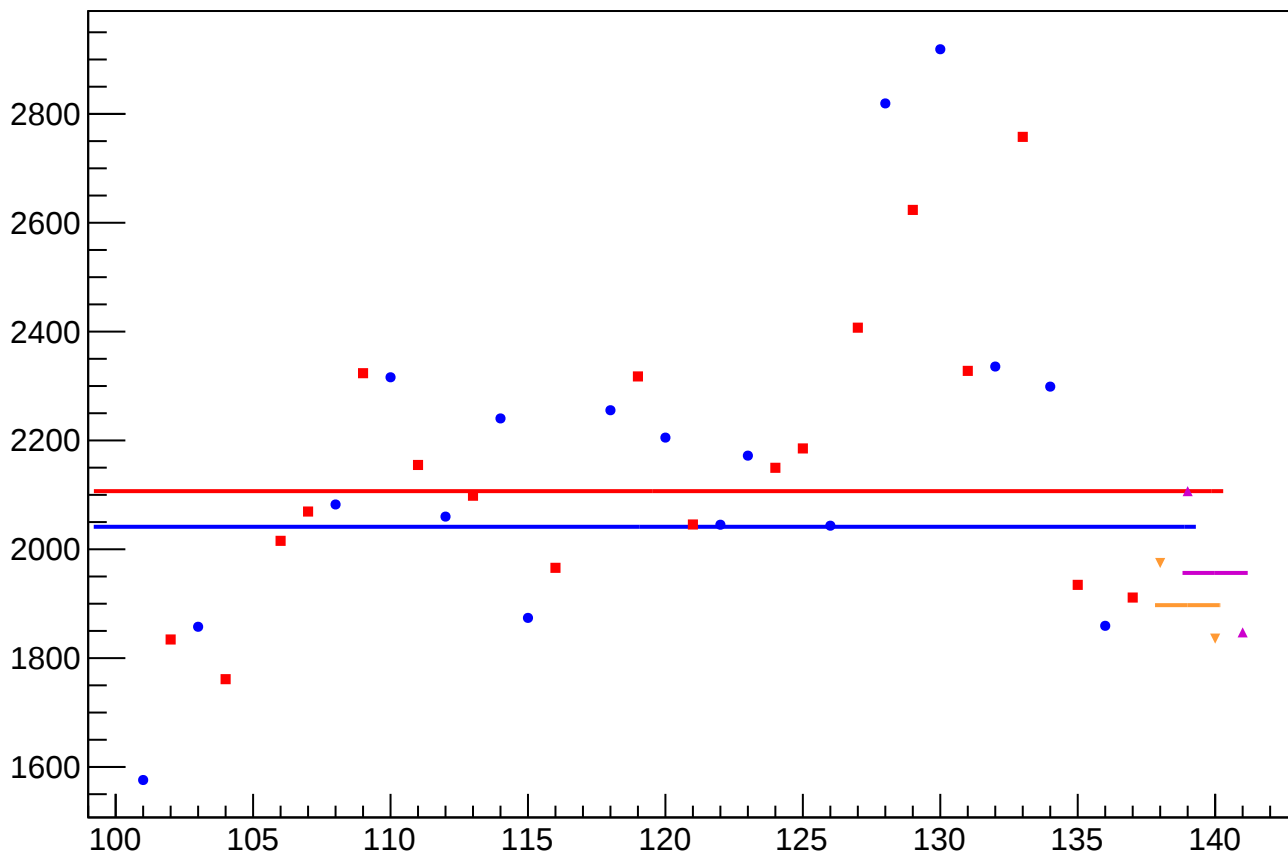
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 3244.236+/-708.946 χ^2/NDF : 17.8/18

Out: 2140.798+/-709.505 χ^2/NDF : 14.8/19

All: 2692.951+/-501.498 χ^2/NDF : 33.8/38

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1897.343+/-1.088 χ^2/NDF : 4024.8/1

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1956.558+/-1.084 χ^2/NDF : 13977.9/1

Left: 1927.068+/-0.768 χ^2/NDF : 19489.7/3

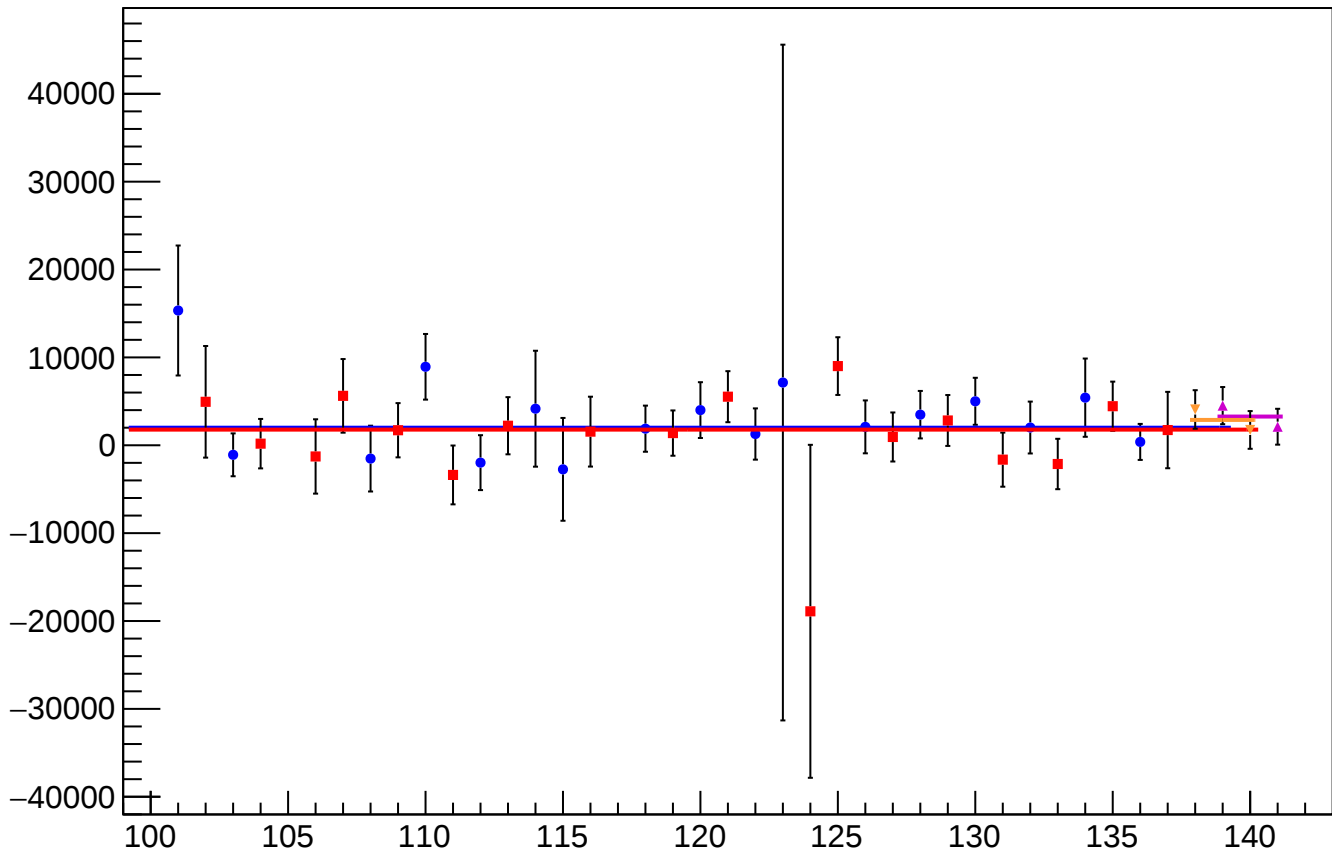
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 2023.204+/-0.501 χ^2/NDF : 357226.6/18

Out: 2062.298+/-0.502 χ^2/NDF : 229940.1/19

All: 2042.736+/-0.355 χ^2/NDF : 590205.0/38

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2885.084+/-1534.004 χ^2/NDF : 0.6/1

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 3268.661+/-1468.956 χ^2/NDF : 0.7/1

Left: 3085.178+/-1060.960 χ^2/NDF : 1.3/3

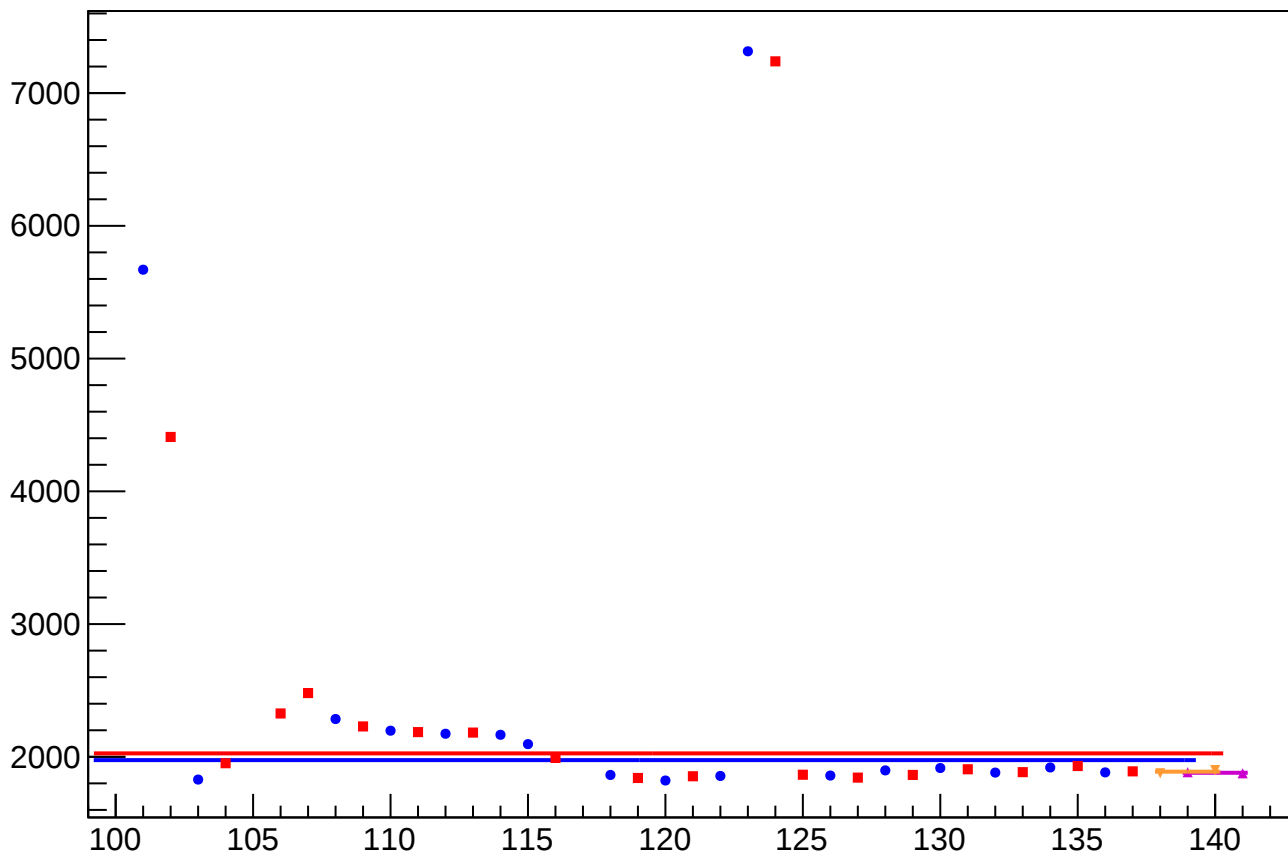
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2279.848+/-690.014 χ^2/NDF : 16.1/18

Out: 2099.315+/-696.580 χ^2/NDF : 17.3/19

All: 2145.863+/-490.219 χ^2/NDF : 33.4/38

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1888.196+/-1.085 χ^2/NDF :123.1/1

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

Left In: 1879.768+/-1.039 χ^2/NDF :15.4/1

Left: 1883.800+/-0.750 χ^2/NDF : 170.0/3

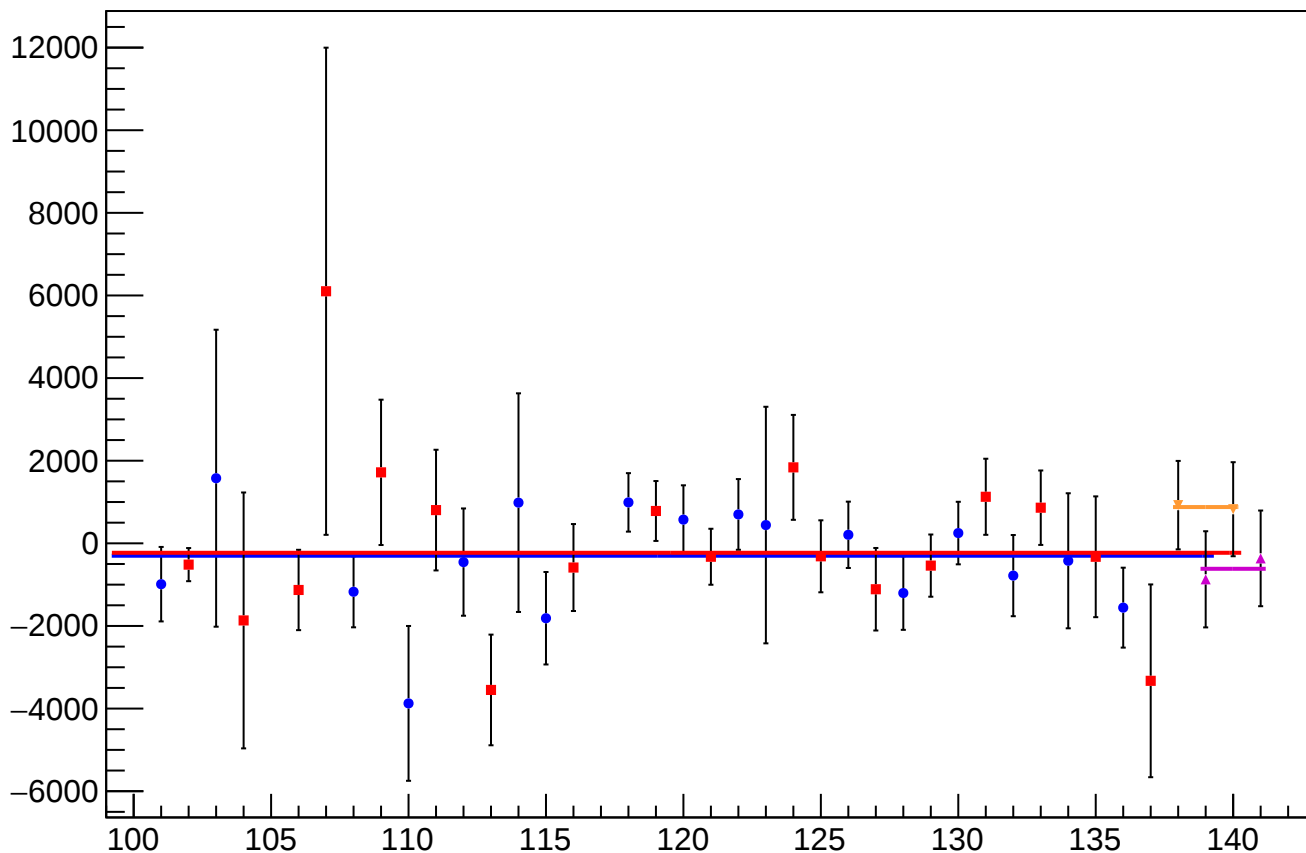
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1954.072+/-0.488 χ^2/NDF :606413.0/18

Out: 1997.482+/-0.493 χ^2/NDF :548296.0/19

All: 1975.572+/-0.347 χ^2/NDF : 1158629.5/38

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 878.154 ± 779.874 χ^2/NDF : 0.0/1

Right Out: -228.794 ± 215.624 χ^2/NDF : 21.8/17

Left In: -616.348 ± 820.870 χ^2/NDF : 0.1/1

Left: 169.154 ± 565.392 χ^2/NDF : 1.8/3

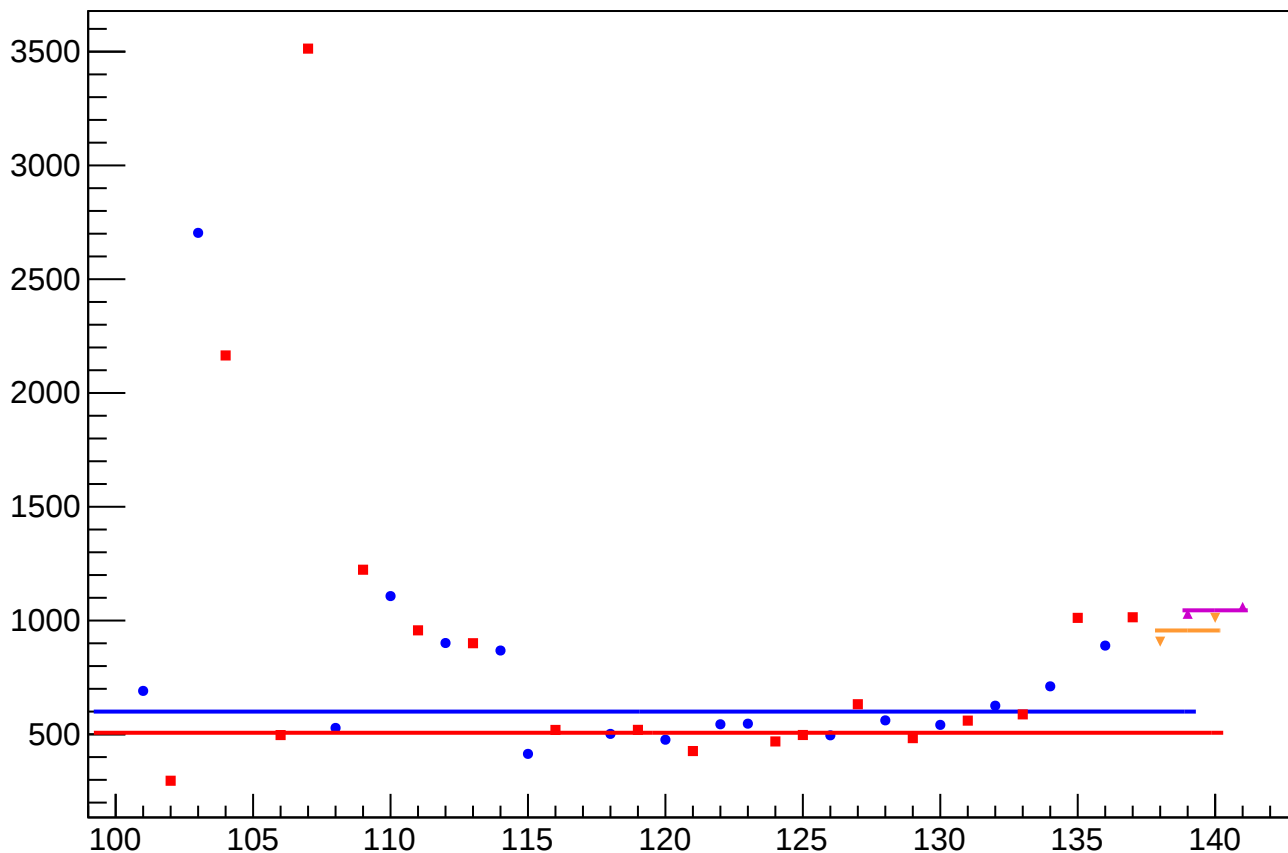
Right: -259.640 ± 162.327 χ^2/NDF : 39.2/34

In: -326.180 ± 236.186 χ^2/NDF : 17.6/18

Out: -150.183 ± 207.827 χ^2/NDF : 23.6/19

All: -226.986 ± 156.024 χ^2/NDF : 41.5/38

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 956.396+/-0.551 χ^2/NDF : 8996.0/1

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

Left In: 1044.949+/-0.580 χ^2/NDF : 682.9/1

Left: 998.406+/-0.400 χ^2/NDF : 21912.0/3

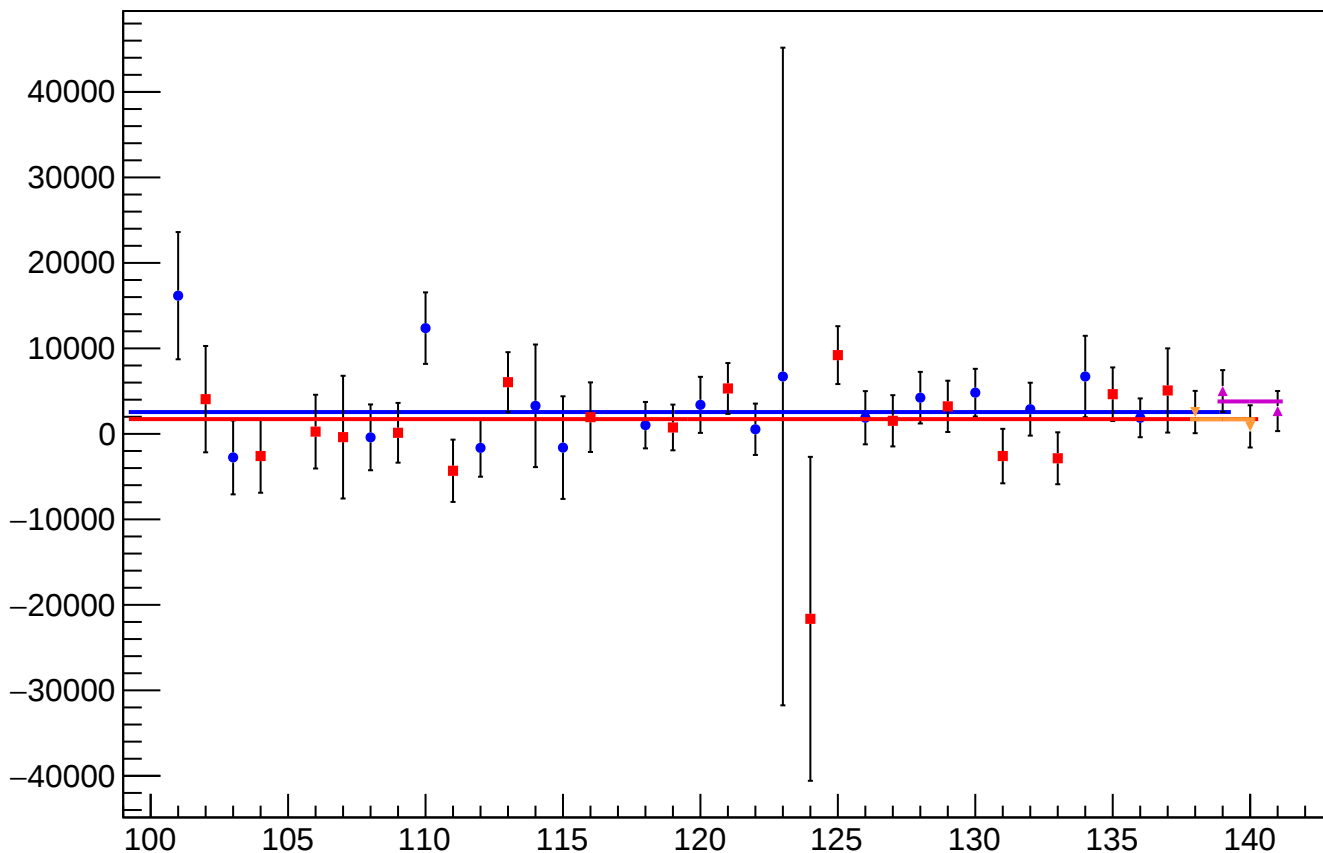
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 636.793+/-0.167 χ^2/NDF : 1920823.9/18

Out: 538.799+/-0.147 χ^2/NDF : 3387147.5/19

All: 581.562+/-0.110 χ^2/NDF : 5502016.9/38

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1714.336 $\pm$ 1748.506 χ^2 /NDF:0.2/1

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

Left In: 3795.944 $\pm$ 1692.977 χ^2 /NDF:0.5/1

Left: 2788.718 $\pm$ 1216.273 χ^2 /NDF: 1.4/3

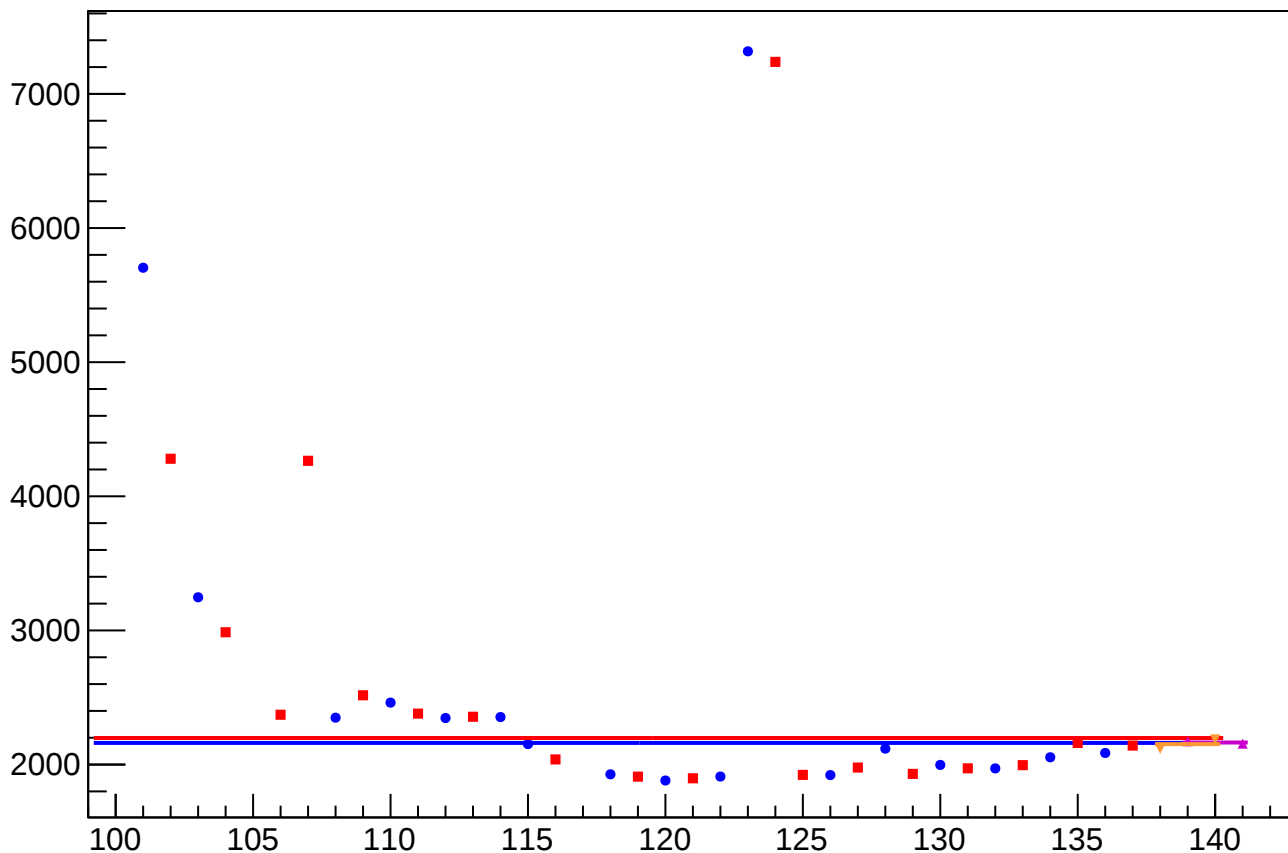
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2807.906 $\pm$ 765.968 χ^2 /NDF:16.6/18

Out: 1724.615 $\pm$ 768.206 χ^2 /NDF:19.8/19

All: 2267.840 $\pm$ 542.411 χ^2 /NDF: 37.4/38

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2152.613+/-1.236 χ^2/NDF : 809.7/1

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2164.424+/-1.197 χ^2/NDF : 52.7/1

Left: 2158.709+/-0.860 χ^2/NDF : 909.5/3

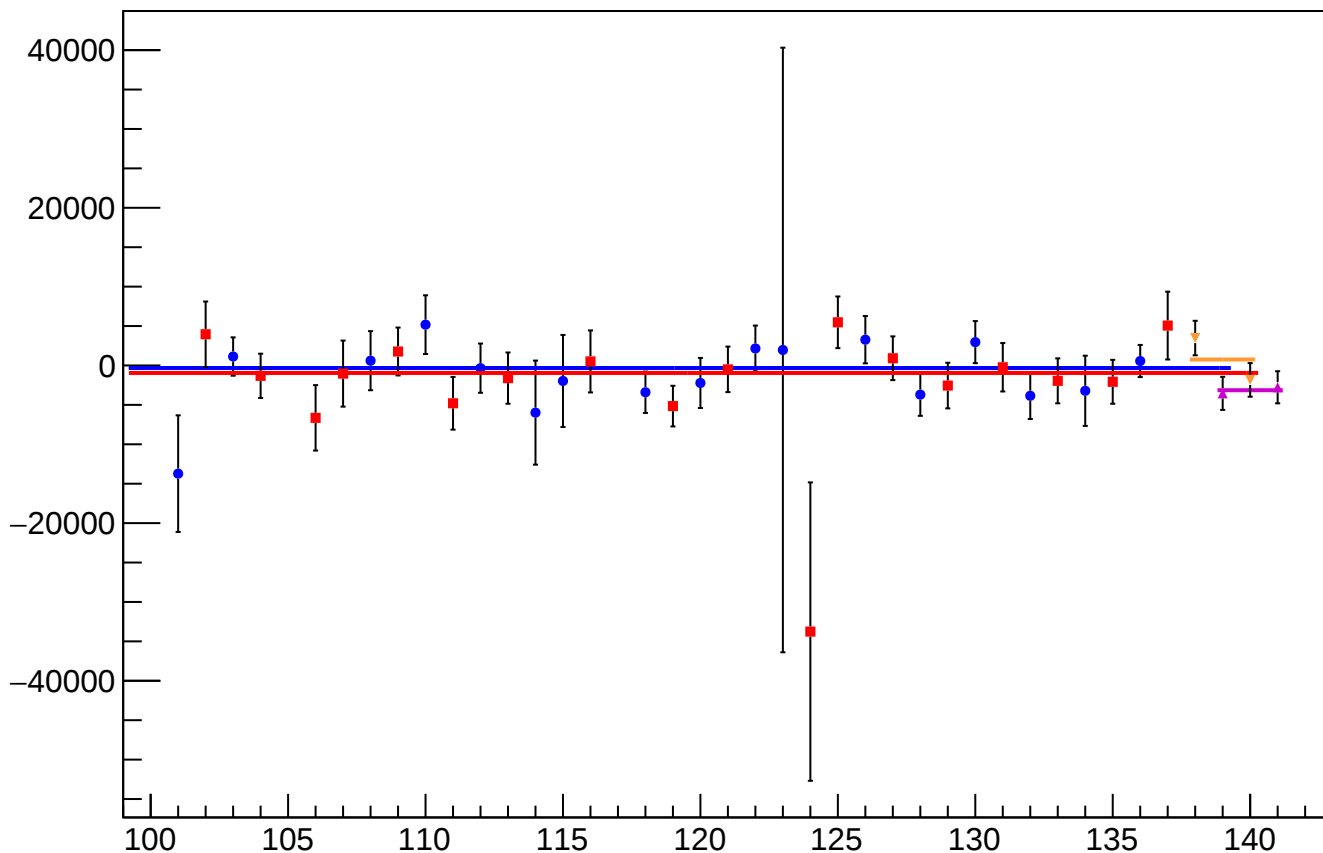
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2162.034+/-0.542 χ^2/NDF : 711311.0/18

Out: 2189.390+/-0.543 χ^2/NDF : 735779.7/19

All: 2175.672+/-0.384 χ^2/NDF : 1448362.4/38

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 754.718+/-1527.078 χ^2/NDF : 3.0/1

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

Left In: -3140.834+/-1462.694 χ^2/NDF : 0.1/1

Left: -1276.909+/-1056.309 χ^2/NDF : 6.5/3

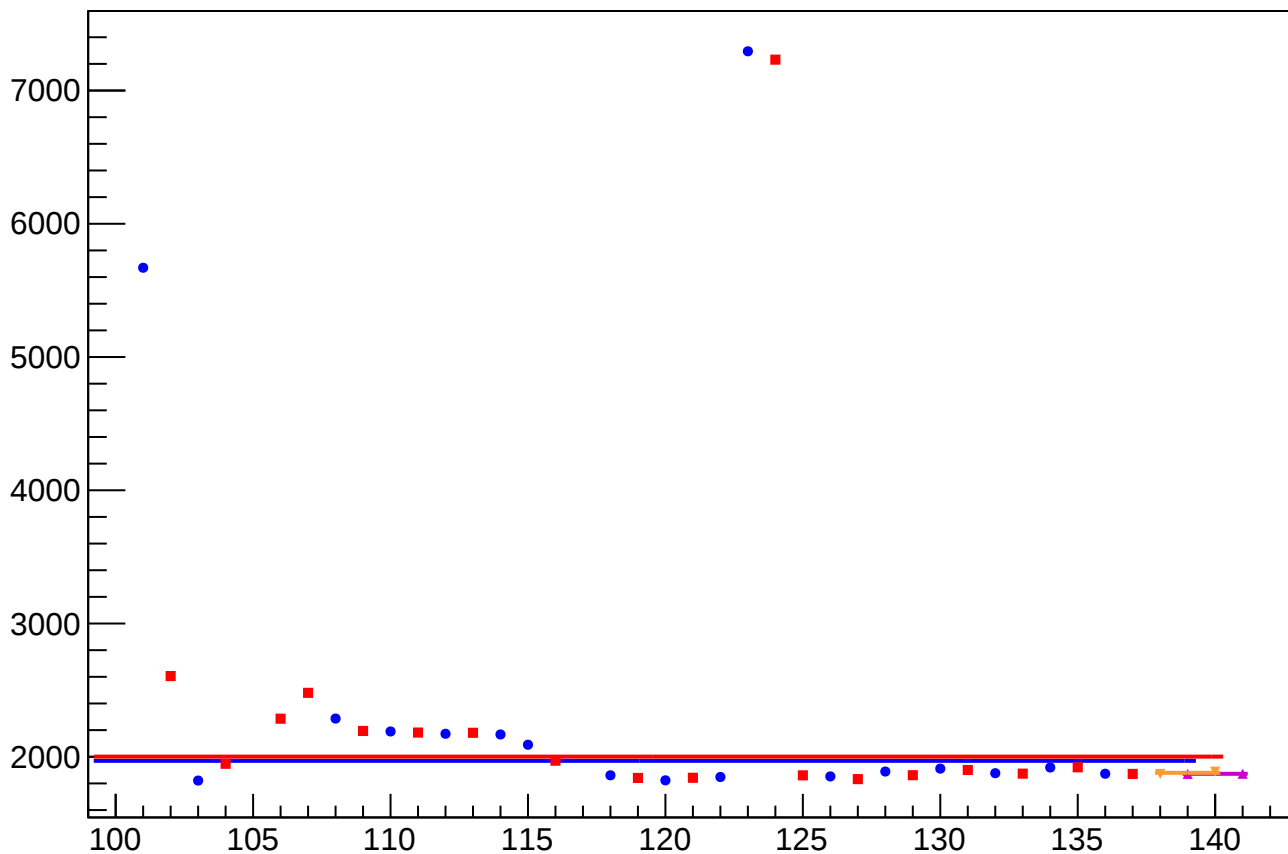
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -946.853+/-687.918 χ^2/NDF : 18.7/18

Out: -605.272+/-687.744 χ^2/NDF : 22.2/19

All: -776.019+/-486.370 χ^2/NDF : 41.0/38

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1879.654+/-1.080 χ^2 /NDF:60.4/1

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

Left In: 1872.044+/-1.034 χ^2 /NDF:0.2/1

Left: 1875.685+/-0.747 χ^2 /NDF: 86.5/3

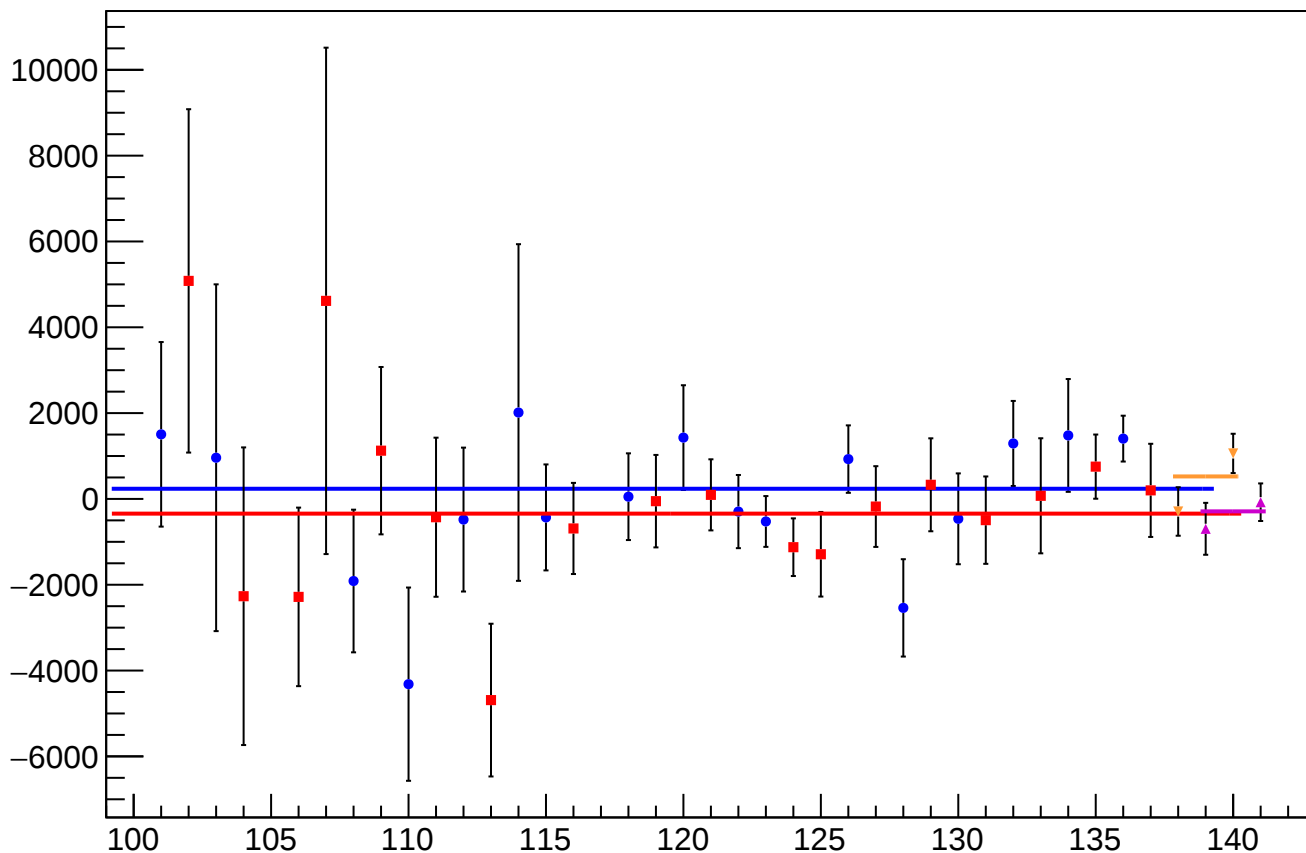
Right: 1985.524+/-0.387 χ^2 /NDF: 895106.7/34

In: 1947.939+/-0.486 χ^2 /NDF:609724.5/18

Out: 1976.529+/-0.486 χ^2 /NDF:300781.6/19

All: 1962.238+/-0.344 χ^2 /NDF: 912233.8/38

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 524.055 $\pm$ 355.826 χ^2 /NDF:3.5/1

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

Left In: -289.894 $\pm$ 354.807 χ^2 /NDF:0.7/1

Left: 115.914 $\pm$ 251.246 χ^2 /NDF: 6.8/3

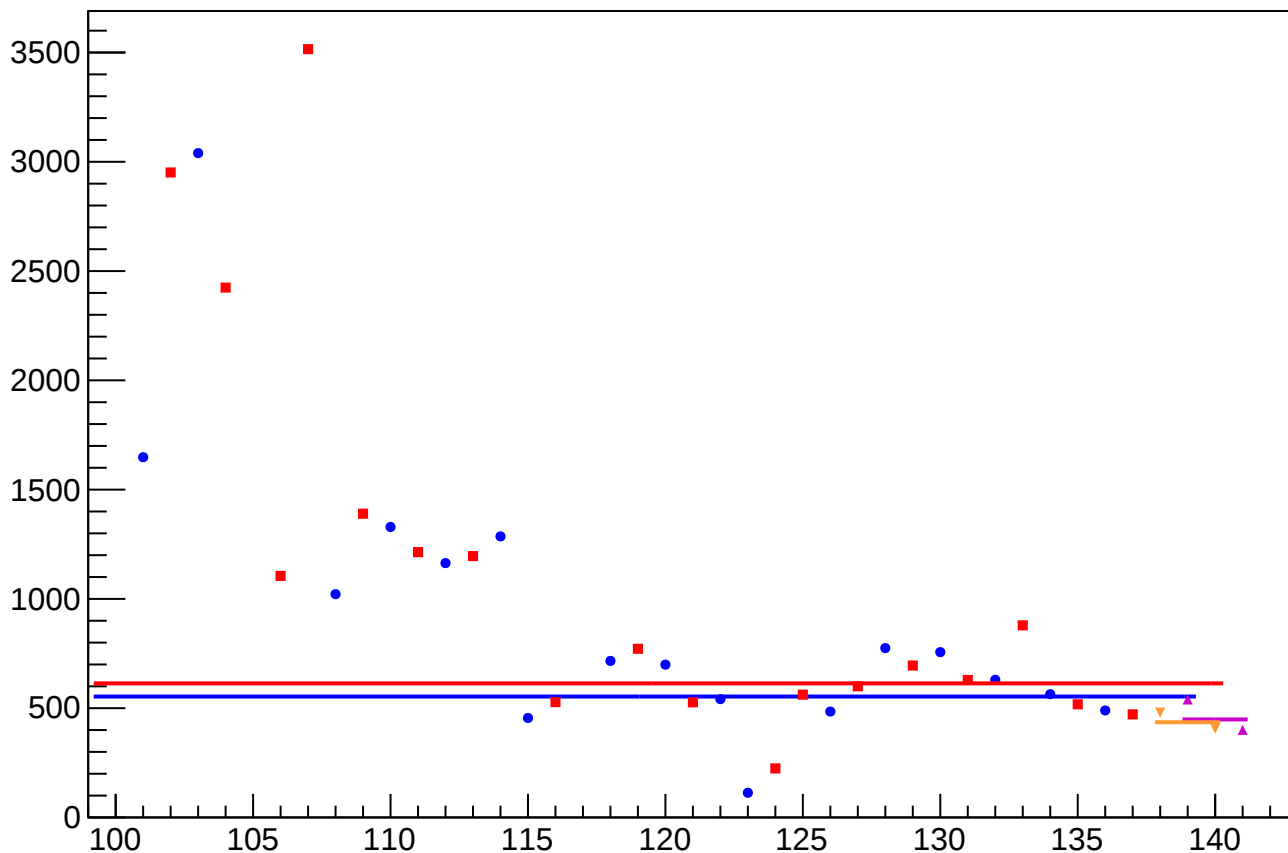
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 63.411 $\pm$ 203.600 χ^2 /NDF:26.0/18

Out: -28.173 $\pm$ 214.368 χ^2 /NDF:23.2/19

All: 19.977 $\pm$ 147.627 χ^2 /NDF: 49.3/38

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 435.707+/-0.252 χ^2/NDF :20358.9/1

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

Left In: 448.508+/-0.251 χ^2/NDF :69503.0/1

Left: 442.125+/-0.178 χ^2/NDF : 91159.9/3

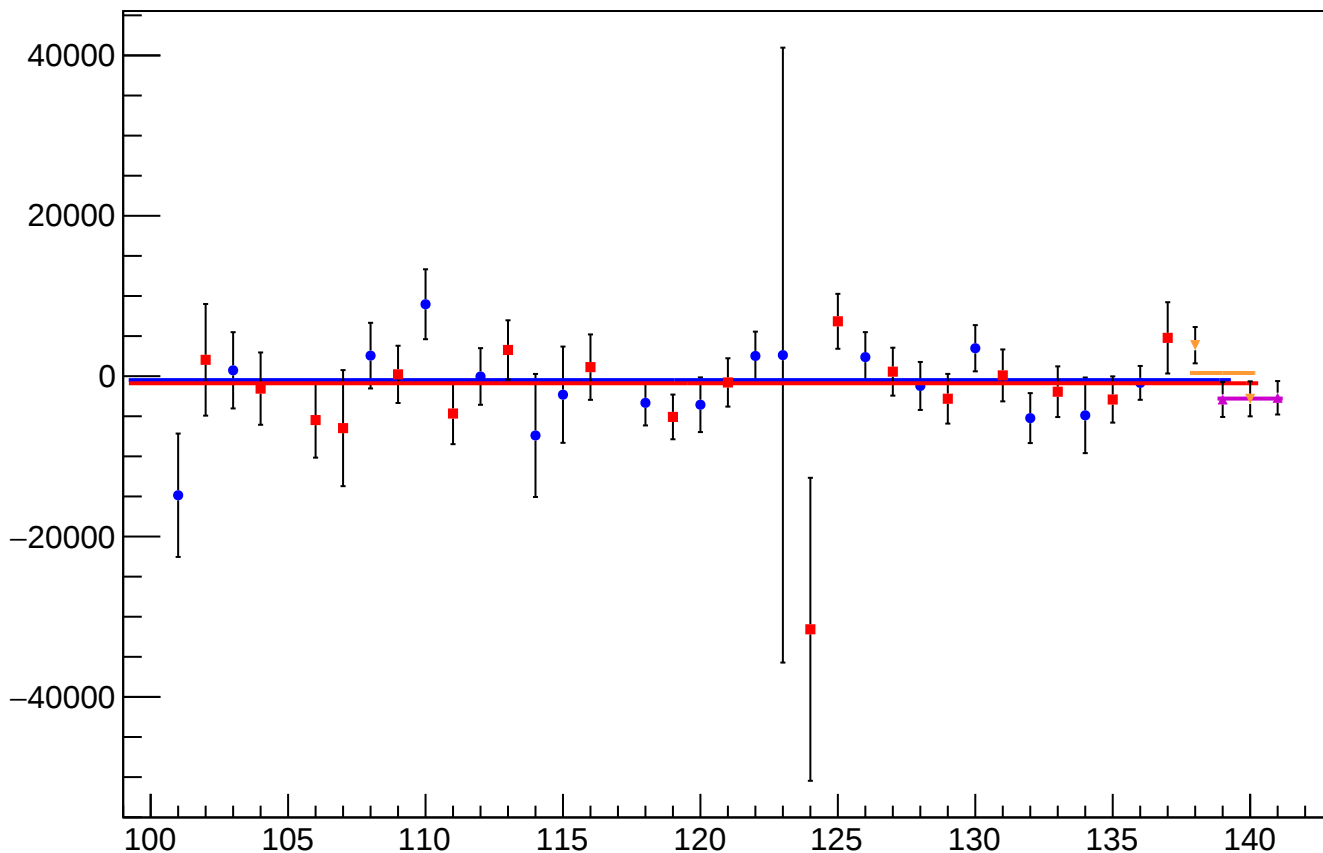
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 518.780+/-0.144 χ^2/NDF :3599221.3/18

Out: 549.019+/-0.152 χ^2/NDF :3815105.5/19

All: 533.121+/-0.104 χ^2/NDF : 7435249.6/38

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 396.382+/-1570.896 χ^2/NDF : 4.5/1

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

Left In: -2794.247+/-1508.268 χ^2/NDF : 0.0/1

Left: -1263.800+/-1087.974 χ^2/NDF : 6.7/3

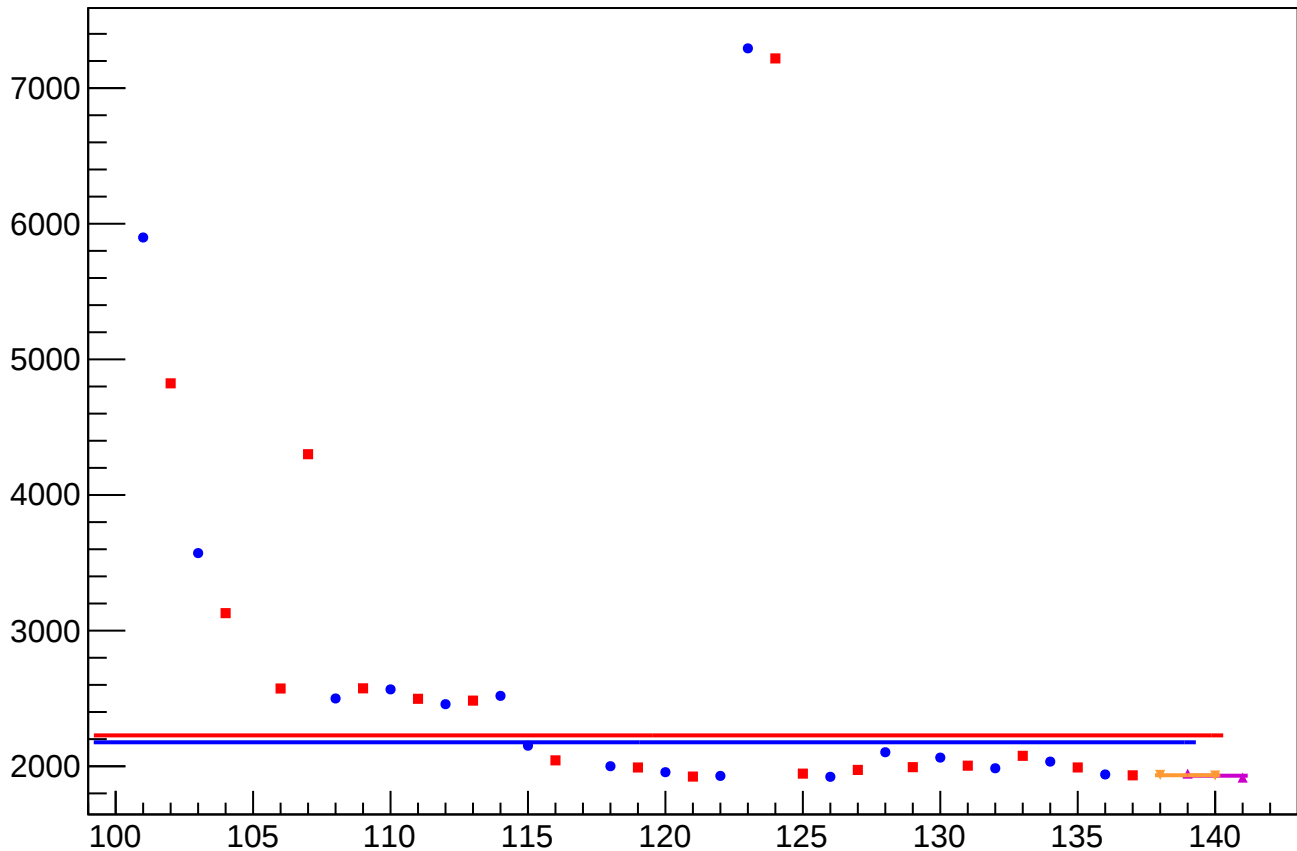
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1064.730+/-752.306 χ^2/NDF : 20.3/18

Out: -584.416+/-760.500 χ^2/NDF : 22.3/19

All: -827.174+/-534.834 χ^2/NDF : 42.8/38

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1933.868 $\pm$ 1.111 χ^2 /NDF: 4.1/1

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

Left In: 1930.393 $\pm$ 1.067 χ^2 /NDF: 187.9/1

Left: 1932.060 $\pm$ 0.769 χ^2 /NDF: 197.1/3

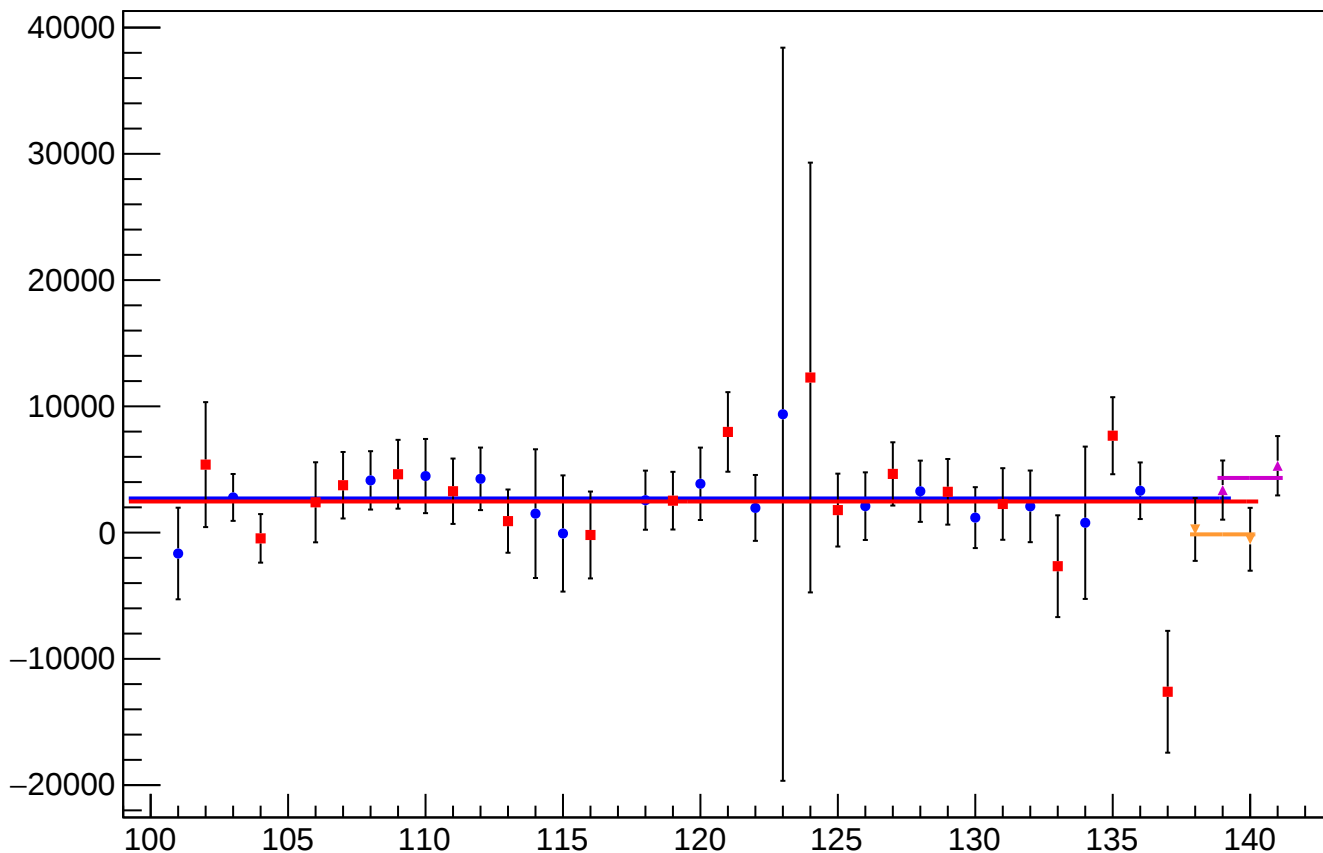
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2115.456 $\pm$ 0.532 χ^2 /NDF: 842948.0/18

Out: 2158.826 $\pm$ 0.538 χ^2 /NDF: 879238.9/19

All: 2136.906 $\pm$ 0.378 χ^2 /NDF: 1725474.2/38

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -139.633 $\pm$ 1760.693 χ^2 /NDF:0.0/1

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

Left In: 4328.186 $\pm$ 1659.304 χ^2 /NDF:0.3/1

Left: 2226.612 $\pm$ 1207.558 χ^2 /NDF: 3.8/3

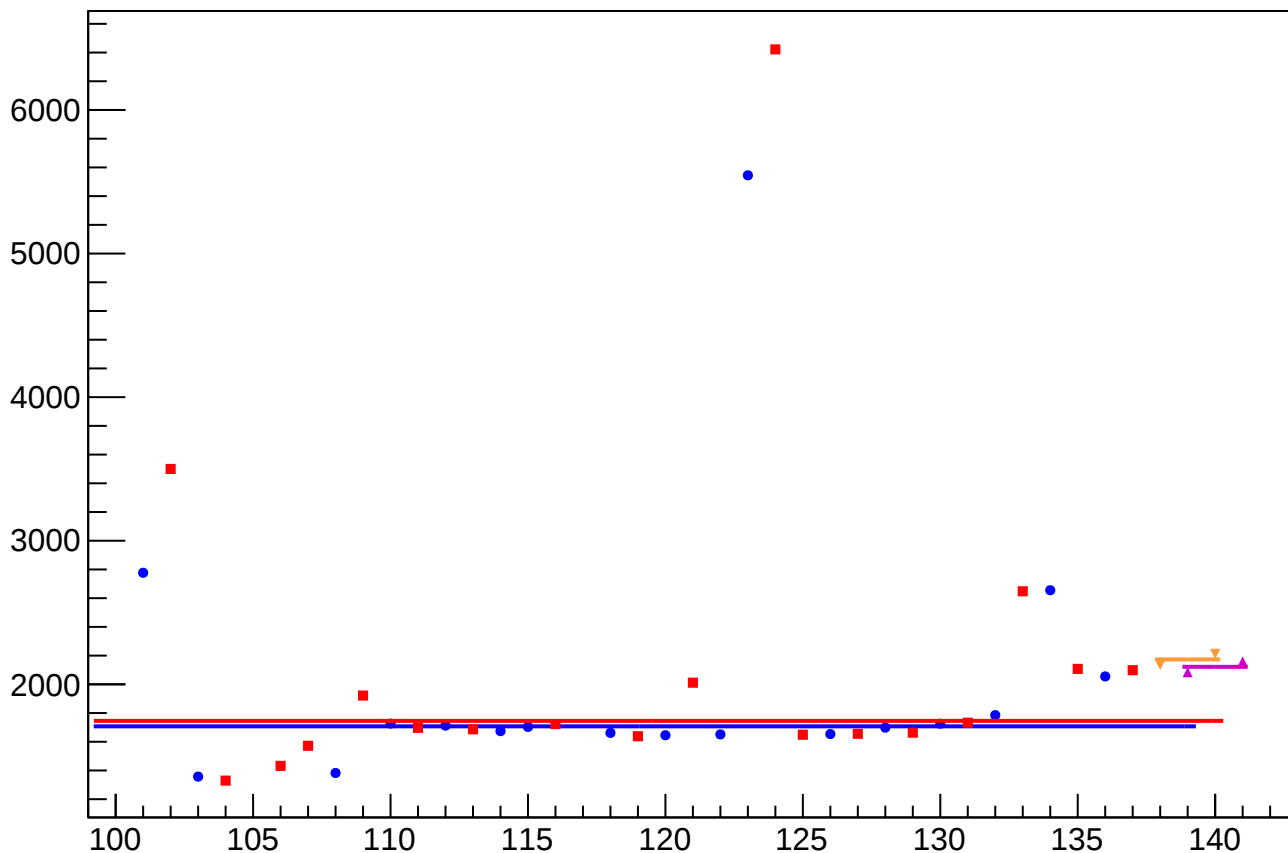
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2933.546 $\pm$ 624.370 χ^2 /NDF:5.2/18

Out: 2123.722 $\pm$ 636.992 χ^2 /NDF:25.1/19

All: 2536.737 $\pm$ 445.892 χ^2 /NDF: 31.2/38

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2173.381+/-1.245 χ^2/NDF : 962.1/1

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

Left In: 2121.809+/-1.173 χ^2/NDF : 1024.8/1

Left: 2146.067+/-0.854 χ^2/NDF : 2895.7/3

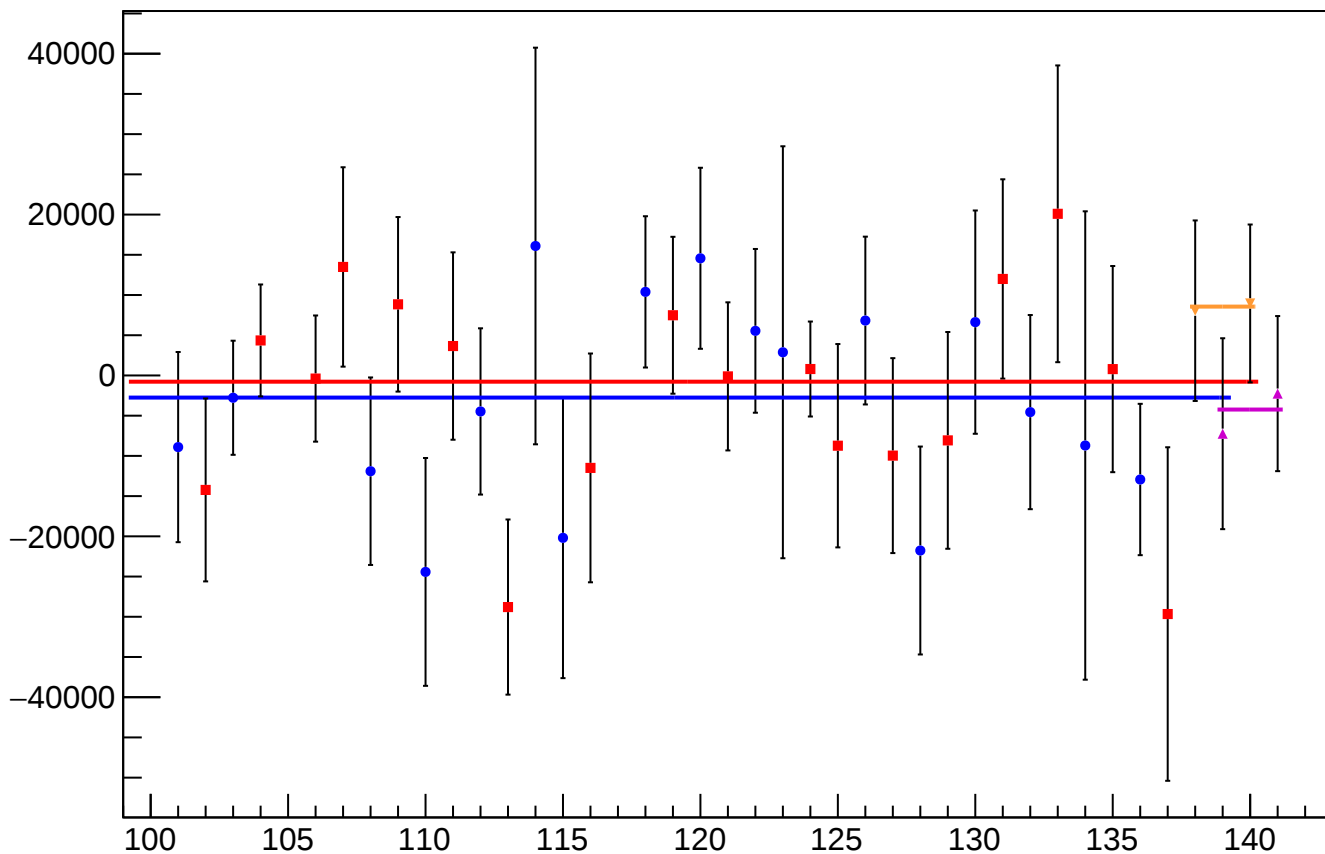
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1766.064+/-0.441 χ^2/NDF : 530283.9/18

Out: 1801.522+/-0.450 χ^2/NDF : 802841.9/19

All: 1783.442+/-0.315 χ^2/NDF : 1336287.1/38

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 8559.899 $\pm$ 7387.308 χ^2/NDF : 0.0/1

Right Out: -774.921 $\pm$ 2440.788 χ^2/NDF : 17.7/17

Left In: -4238.599 $\pm$ 7482.476 χ^2/NDF : 0.1/1

Left: 2242.558 $\pm$ 5256.940 χ^2/NDF : 1.6/3

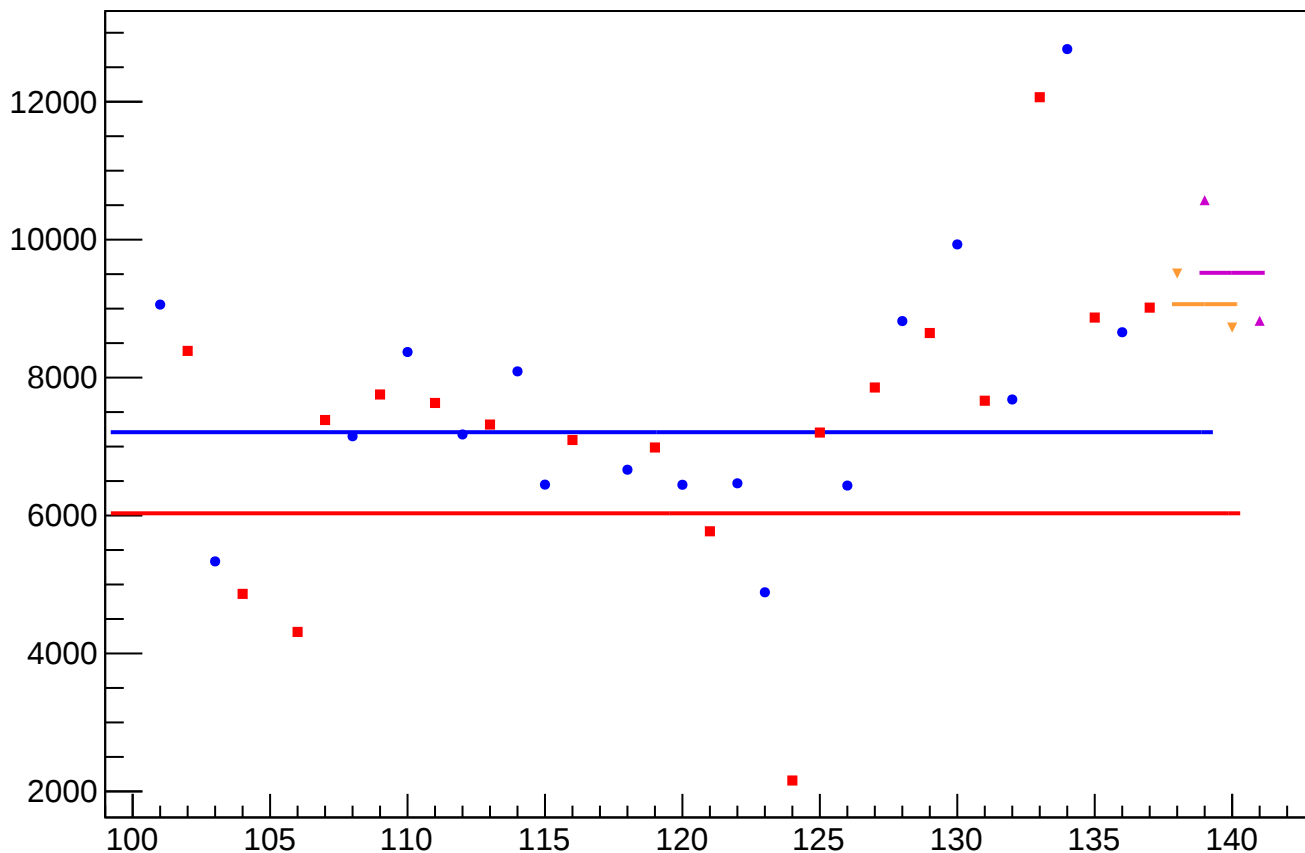
Right: -1613.491 $\pm$ 1851.753 χ^2/NDF : 32.6/34

In: -2938.356 $\pm$ 2657.139 χ^2/NDF : 14.7/18

Out: 143.829 $\pm$ 2317.564 χ^2/NDF : 19.2/19

All: -1187.848 $\pm$ 1746.564 χ^2/NDF : 34.7/38

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 9064.461+/-5.224 χ^2/NDF : 5521.2/1

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

Left In: 9519.233+/-5.291 χ^2/NDF : 26163.8/1

Left: 9288.937+/-3.717 χ^2/NDF : 35426.3/3

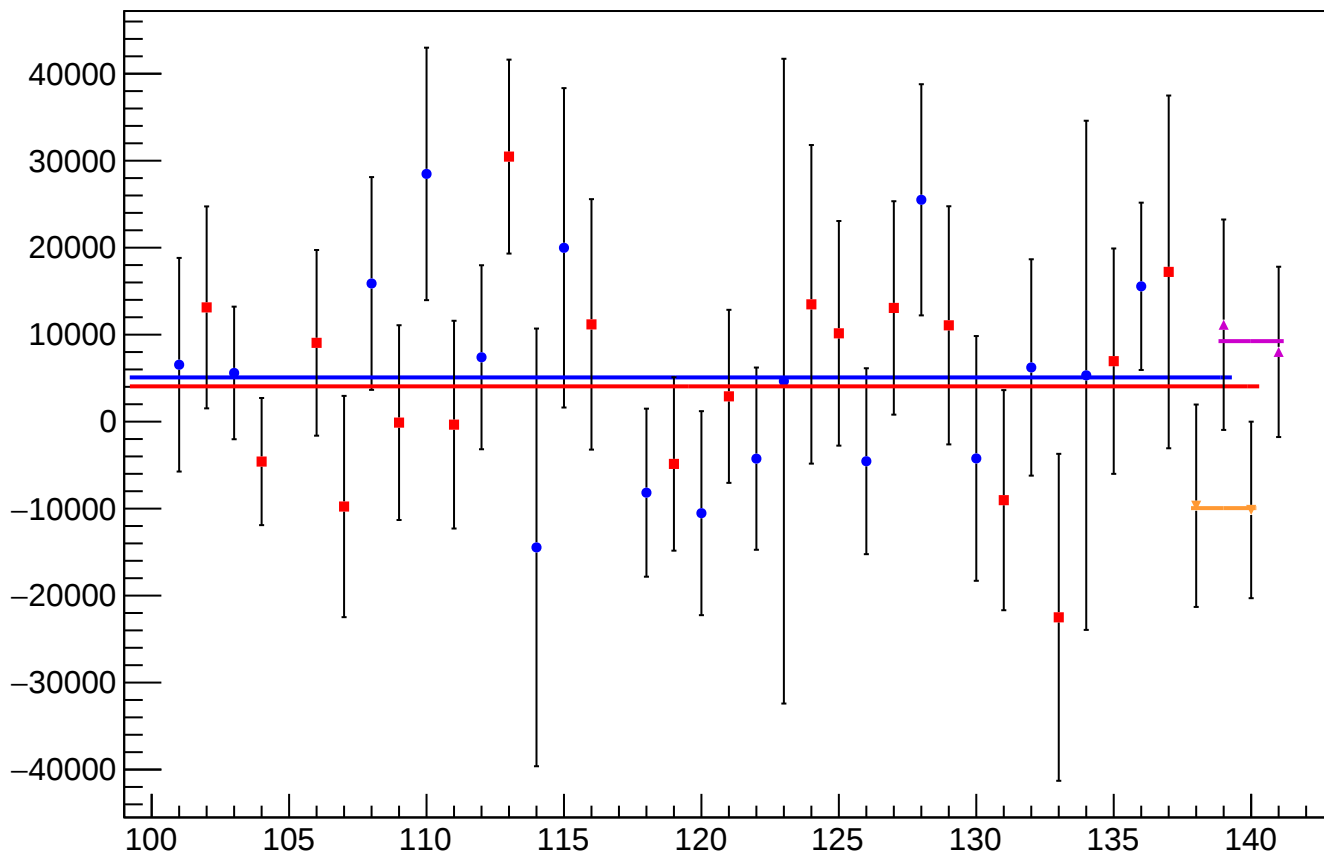
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7499.764+/-1.879 χ^2/NDF : 686621.2/18

Out: 6330.634+/-1.639 χ^2/NDF : 2106890.0/19

All: 6835.764+/-1.235 χ^2/NDF : 3013415.0/38

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -9942.653+/-7647.280 χ^2/NDF : 0.0/1

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

Left In: 9255.467+/-7609.885 χ^2/NDF : 0.0/1

Left: -296.539+/-5394.174 χ^2/NDF : 3.2/3

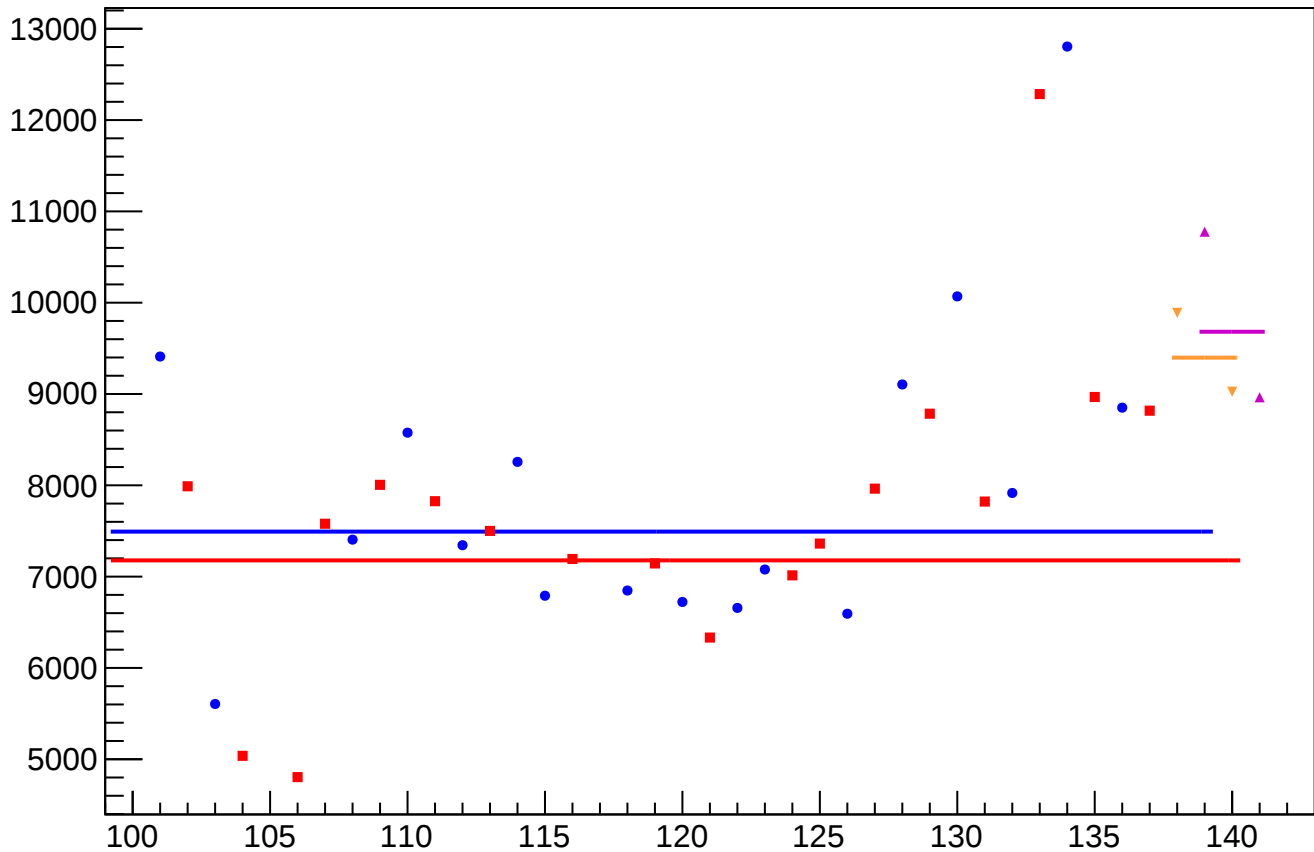
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 5631.204+/-2754.810 χ^2/NDF : 14.3/18

Out: 2400.734+/-2629.361 χ^2/NDF : 18.1/19

All: 3940.741+/-1902.042 χ^2/NDF : 33.1/38

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9398.007 $\pm$ 5.407 χ^2/NDF :6261.5/1

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

Left In: 9681.755 $\pm$ 5.381 χ^2/NDF :27166.9/1

Left: 9540.576 $\pm$ 3.814 χ^2/NDF : 34811.8/3

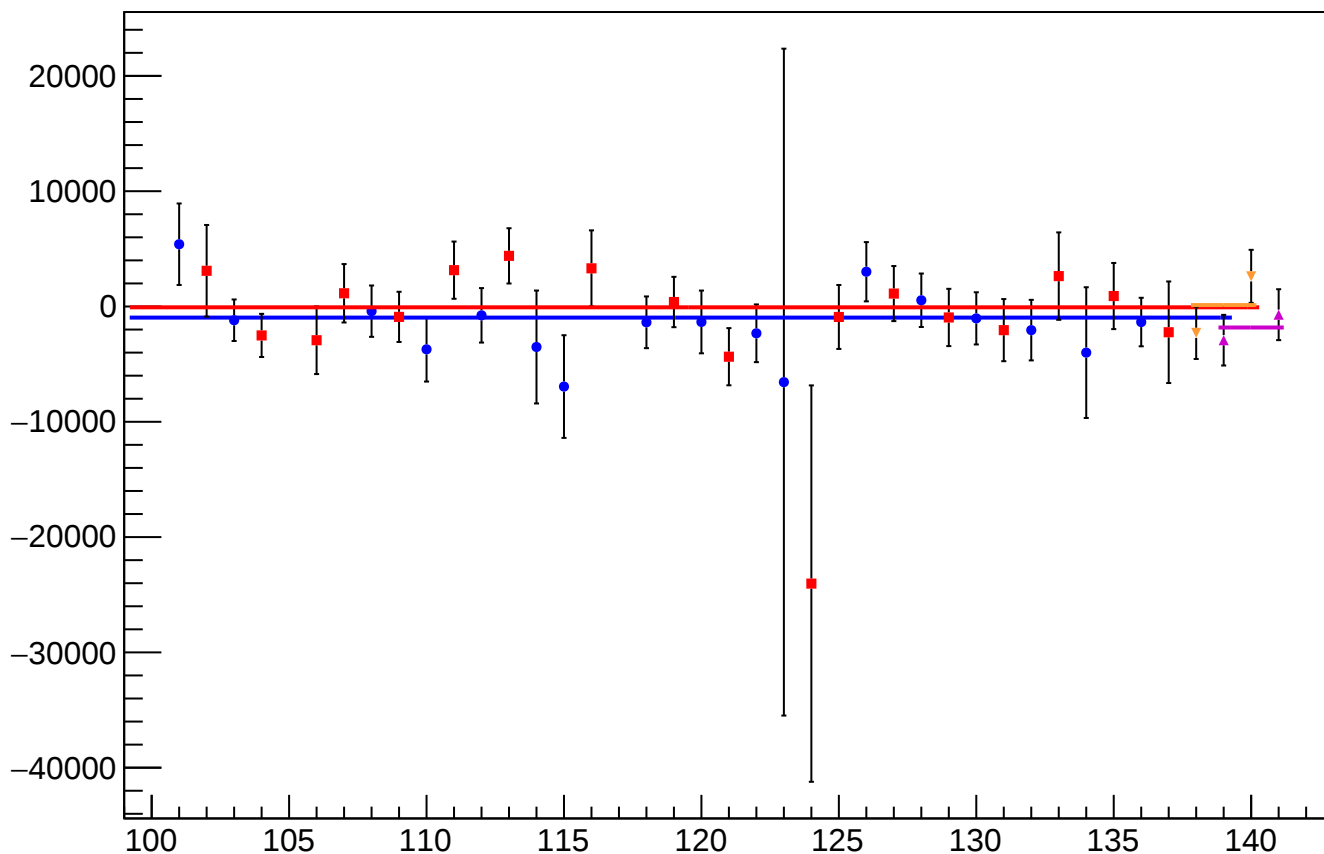
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7779.746 $\pm$ 1.948 χ^2/NDF :608031.7/18

Out: 7440.220 $\pm$ 1.859 χ^2/NDF :710816.3/19

All: 7602.061 $\pm$ 1.345 χ^2/NDF : 1334747.7/38

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 123.529 $\pm$ 1613.168 χ^2 /NDF:2.3/1

Right Out: -71.322 $\pm$ 634.426 χ^2 /NDF: 16.7/17

Left In: -1822.370 $\pm$ 1556.650 χ^2 /NDF:0.5/1

Left: -884.105 $\pm$ 1120.166 χ^2 /NDF: 3.6/3

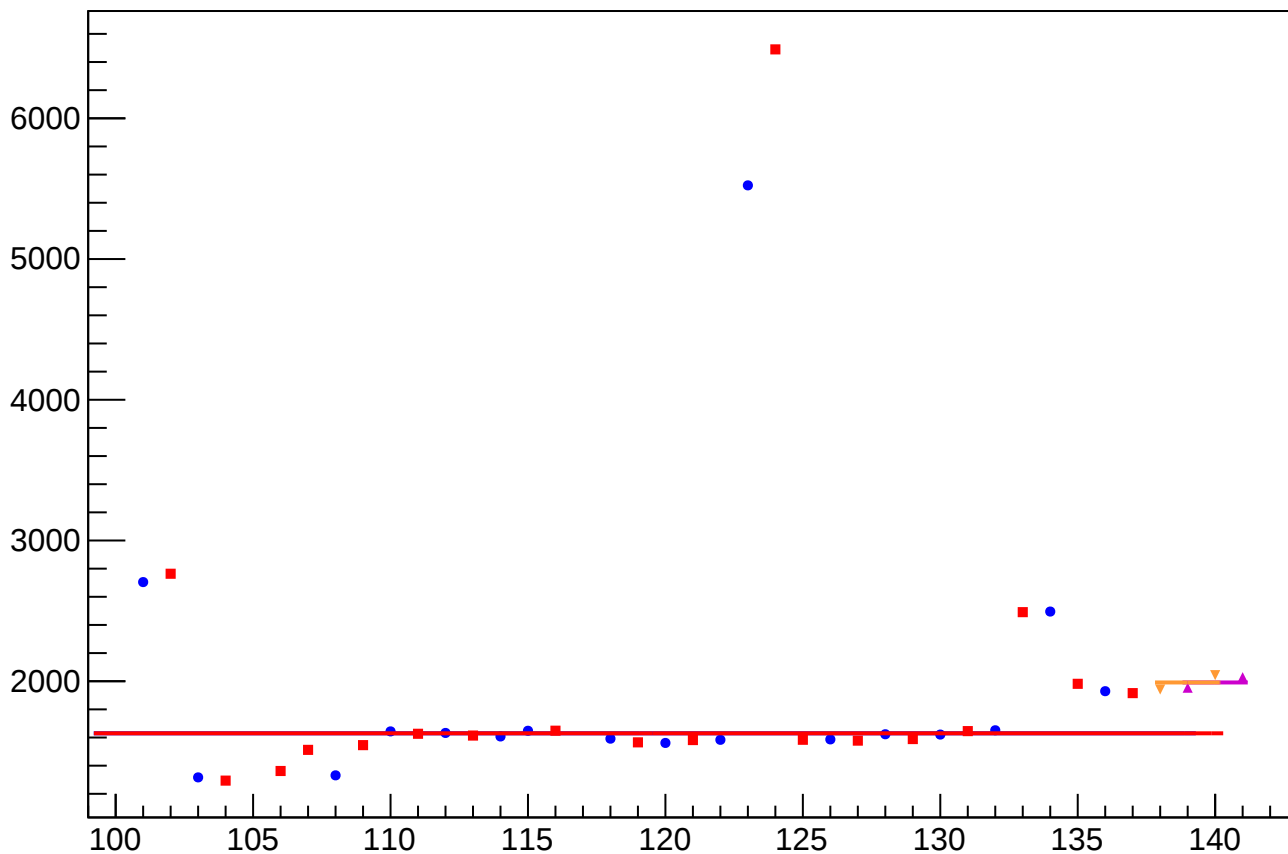
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -1087.873 $\pm$ 594.315 χ^2 /NDF:10.8/18

Out: -45.221 $\pm$ 590.408 χ^2 /NDF:19.0/19

All: -563.109 $\pm$ 418.856 χ^2 /NDF: 31.4/38

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.322+/-1.141 χ^2/NDF :1998.7/1

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

Left In: 1991.259+/-1.101 χ^2/NDF :1156.3/1

Left: 1991.289+/-0.792 χ^2/NDF : 3155.0/3

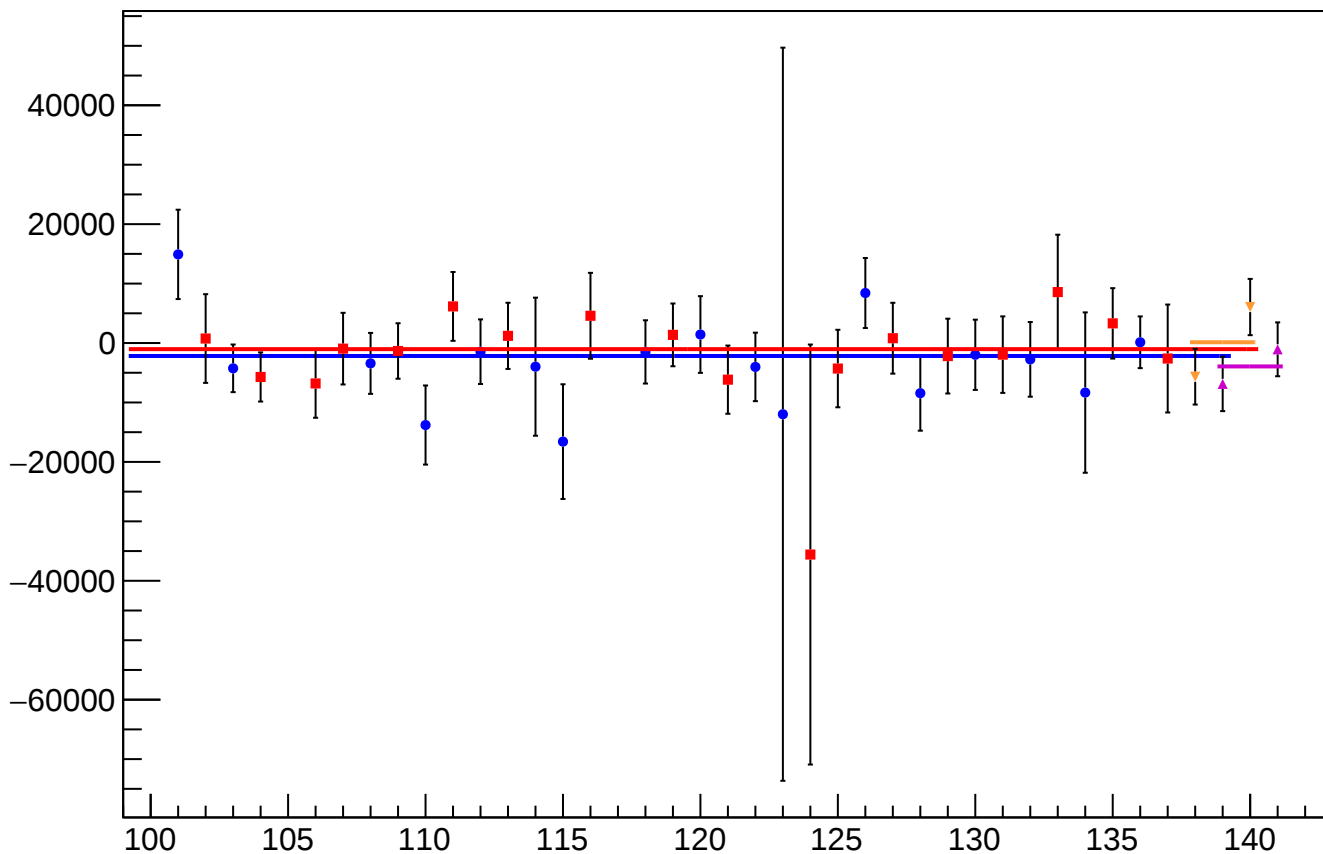
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1682.619+/-0.420 χ^2/NDF :501347.6/18

Out: 1678.348+/-0.417 χ^2/NDF :646380.5/19

All: 1680.470+/-0.296 χ^2/NDF : 1147780.0/38

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 131.109+/-3329.085 χ^2/NDF : 3.1/1

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

Left In: -3935.701+/-3220.660 χ^2/NDF : 0.8/1

Left: -1969.600+/-2314.733 χ^2/NDF : 4.7/3

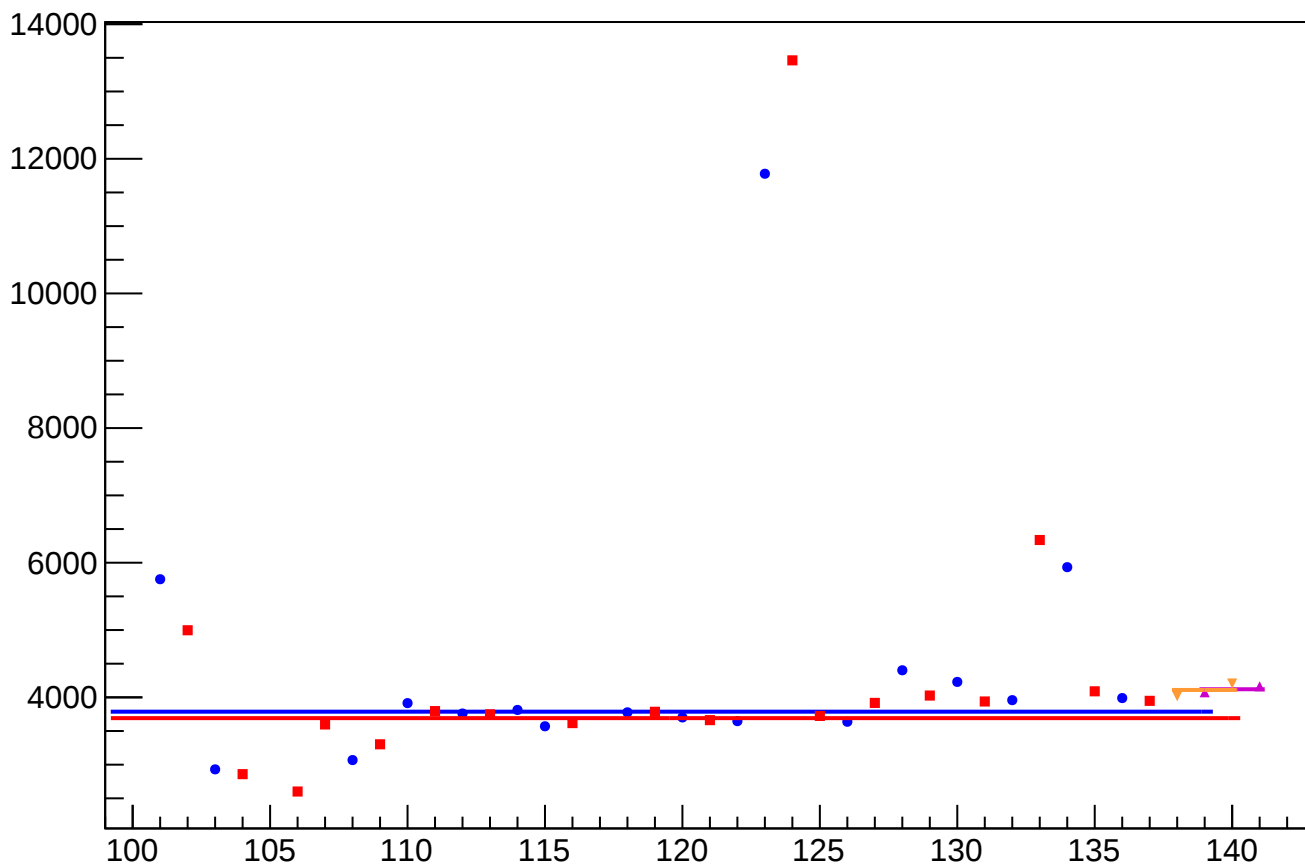
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -2489.943+/-1354.554 χ^2/NDF : 17.0/18

Out: -843.964+/-1323.458 χ^2/NDF : 11.8/19

All: -1647.844+/-946.629 χ^2/NDF : 29.6/38

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4109.965+/-2.354 χ^2/NDF : 1608.9/1

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

Left In: 4120.430+/-2.277 χ^2/NDF : 378.1/1

Left: 4115.371+/-1.637 χ^2/NDF : 1997.2/3

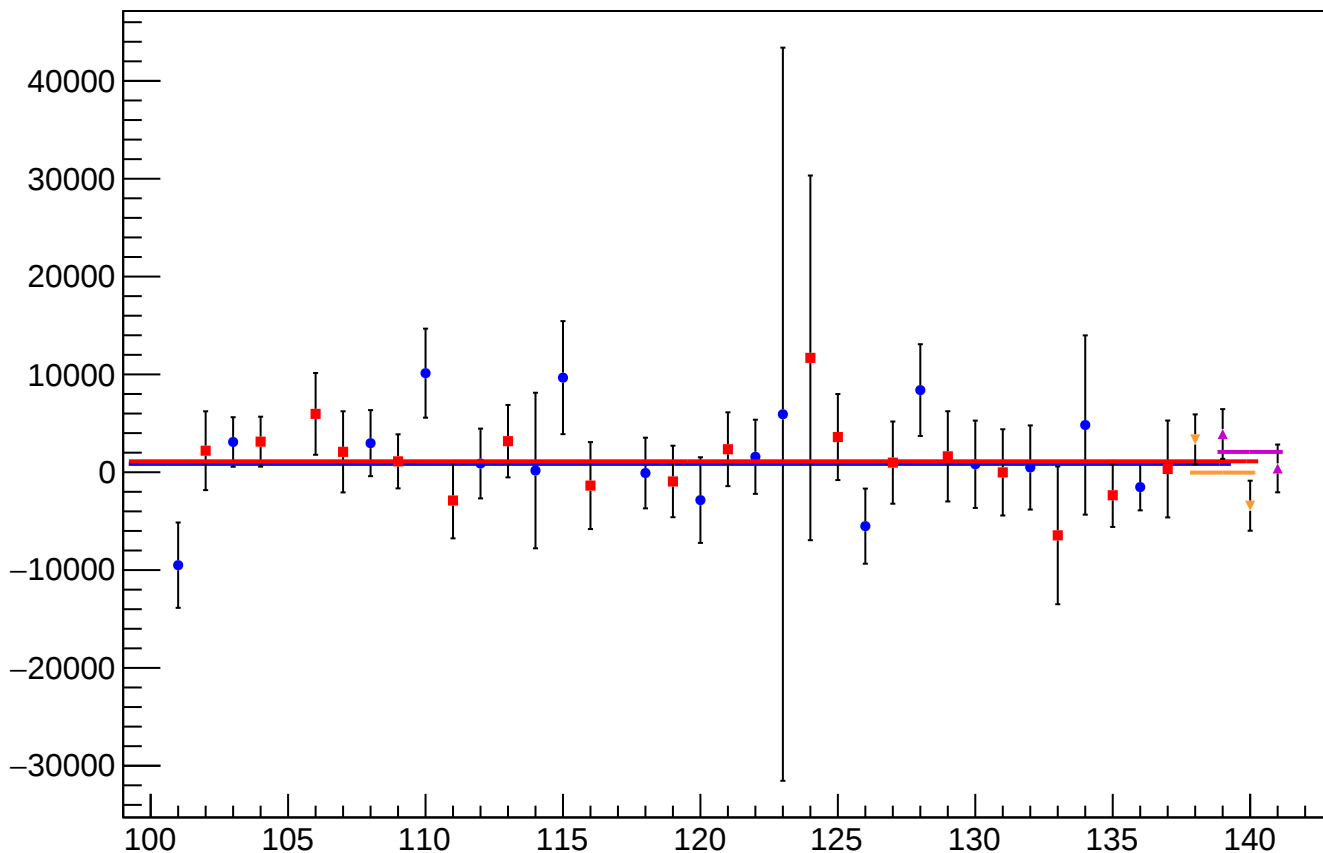
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3846.228+/-0.958 χ^2/NDF : 410641.4/18

Out: 3757.418+/-0.936 χ^2/NDF : 583405.1/19

All: 3800.791+/-0.669 χ^2/NDF : 998445.1/38

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -37.697+/-1808.937 χ^2/NDF : 3.5/1

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

Left In: 2077.237+/-1761.552 χ^2/NDF : 1.0/1

Left: 1047.833+/-1262.025 χ^2/NDF : 5.2/3

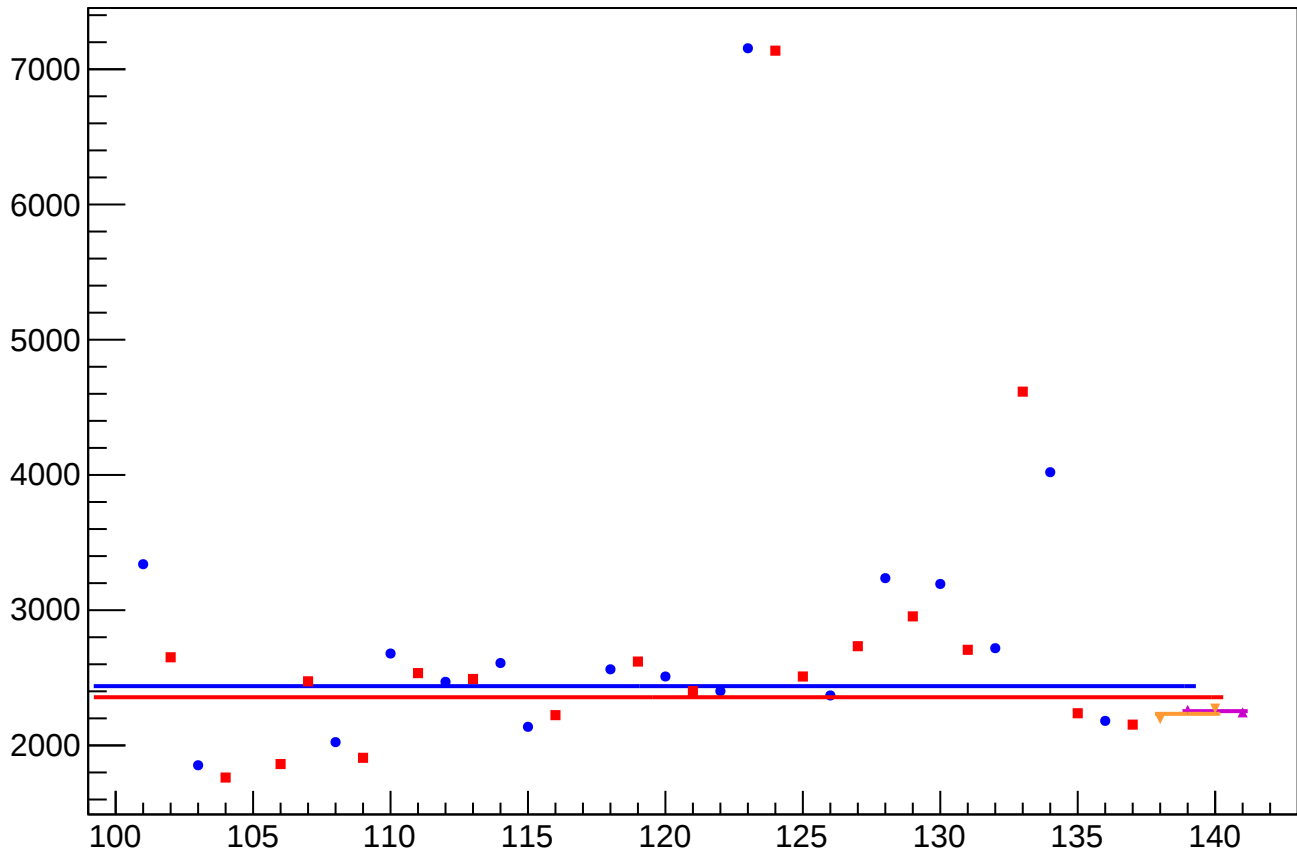
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 1137.923+/-846.156 χ^2/NDF : 22.0/18

Out: 877.192+/-825.120 χ^2/NDF : 11.1/19

All: 1004.276+/-590.745 χ^2/NDF : 33.2/38

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2233.535+/-1.279 χ^2/NDF : 914.6/1

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

Left In: 2253.515+/-1.246 χ^2/NDF : 56.2/1

Left: 2243.790+/-0.892 χ^2/NDF : 1096.1/3

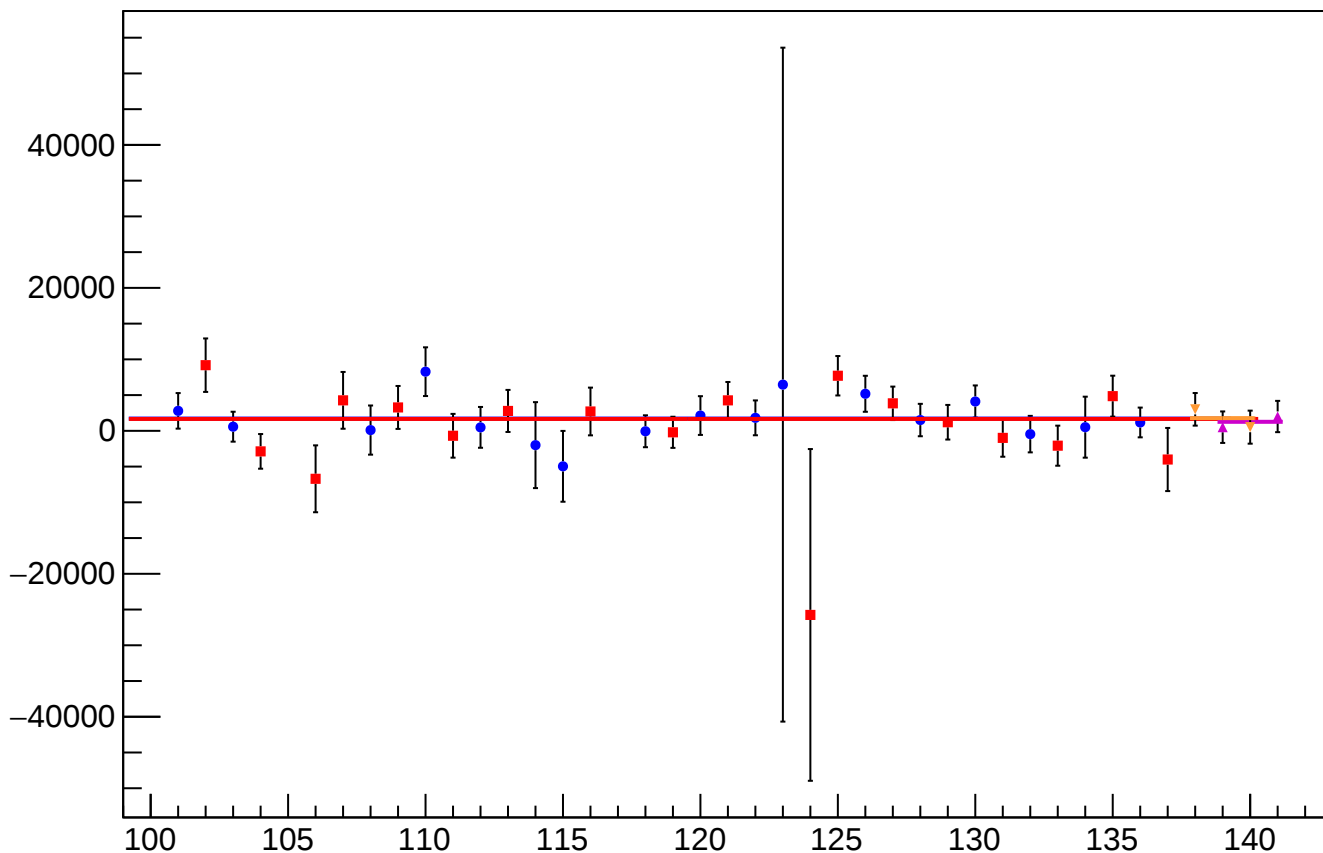
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2395.645+/-0.598 χ^2/NDF : 493704.8/18

Out: 2330.841+/-0.583 χ^2/NDF : 637354.8/19

All: 2362.427+/-0.418 χ^2/NDF : 1137072.8/38

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1778.993+/-1622.931 χ^2/NDF : 0.6/1

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

Left In: 1262.754+/-1552.491 χ^2/NDF : 0.2/1

Left: 1509.427+/-1121.853 χ^2/NDF : 0.9/3

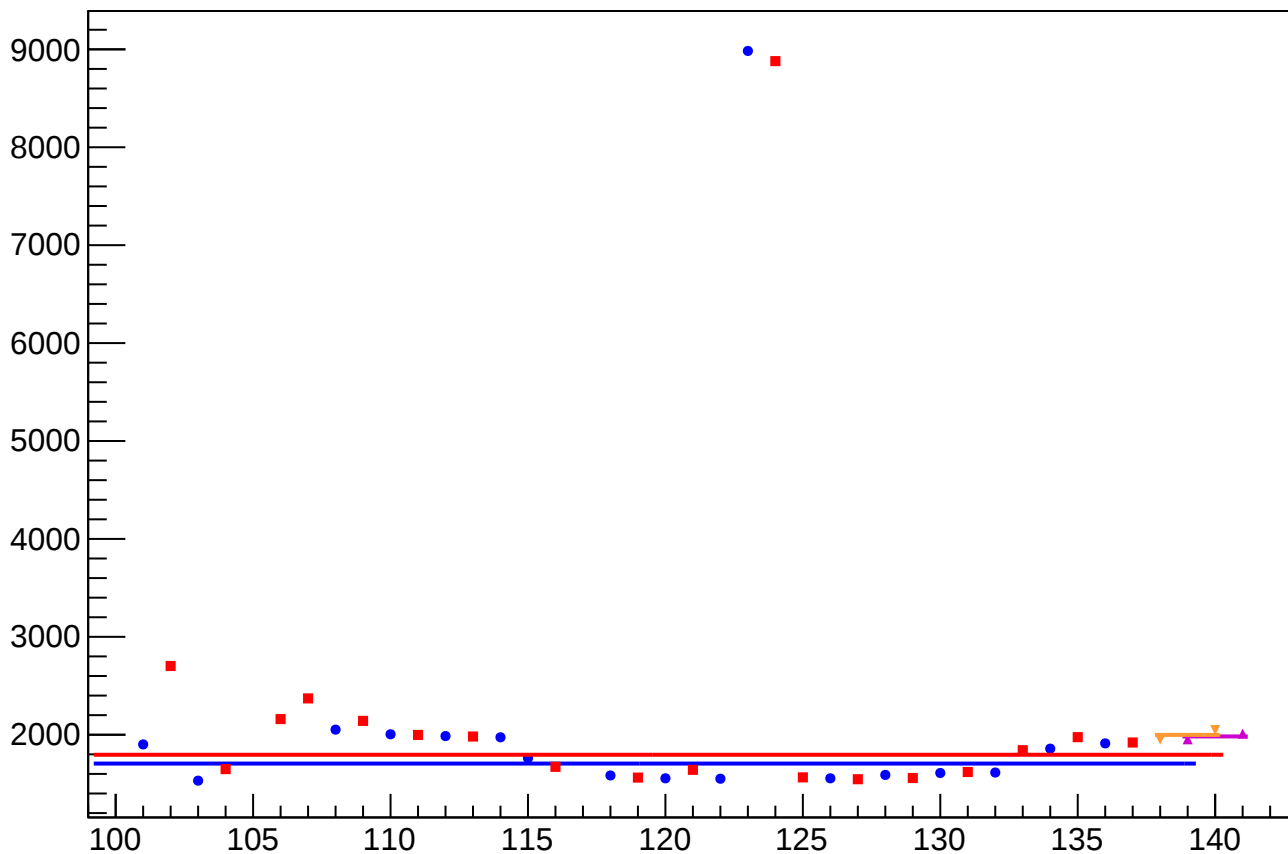
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 1642.449+/-612.950 χ^2/NDF : 11.7/18

Out: 1683.007+/-639.428 χ^2/NDF : 27.4/19

All: 1661.871+/-442.486 χ^2/NDF : 39.1/38

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1998.403+/-1.148 χ^2/NDF : 1792.4/1

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1982.727+/-1.098 χ^2/NDF : 685.4/1

Left: 1990.217+/-0.793 χ^2/NDF : 2575.2/3

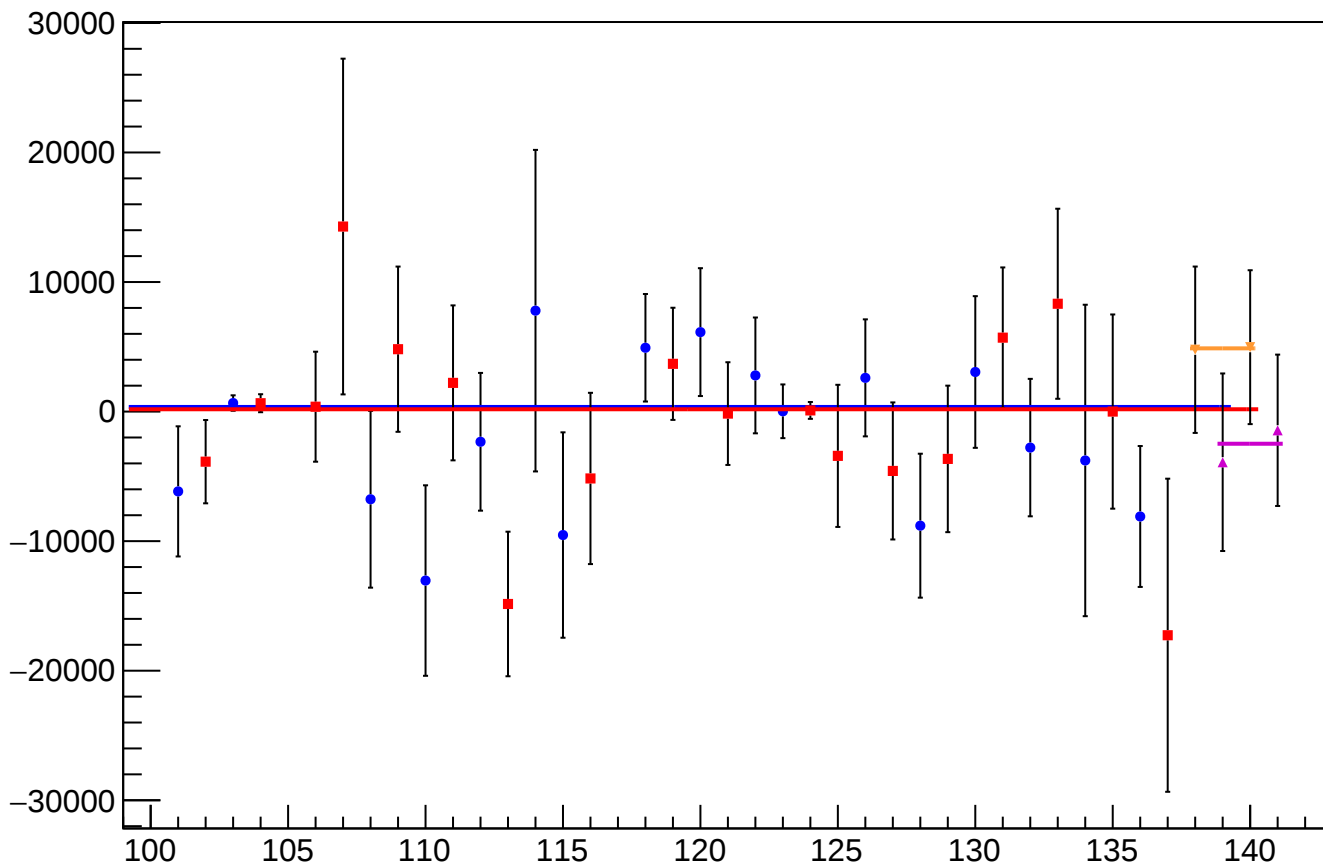
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1748.819+/-0.433 χ^2/NDF : 248644.1/18

Out: 1826.943+/-0.451 χ^2/NDF : 547004.5/19

All: 1786.302+/-0.313 χ^2/NDF : 811237.3/38

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: 4880.568+/-4359.848 χ^2/NDF : 0.0/1

Right Out: 179.185+/-446.995 χ^2/NDF : 18.5/17

Left In: -2482.131+/-4445.548 χ^2/NDF : 0.1/1

Left: 1270.870+/-3112.735 χ^2/NDF : 1.5/3

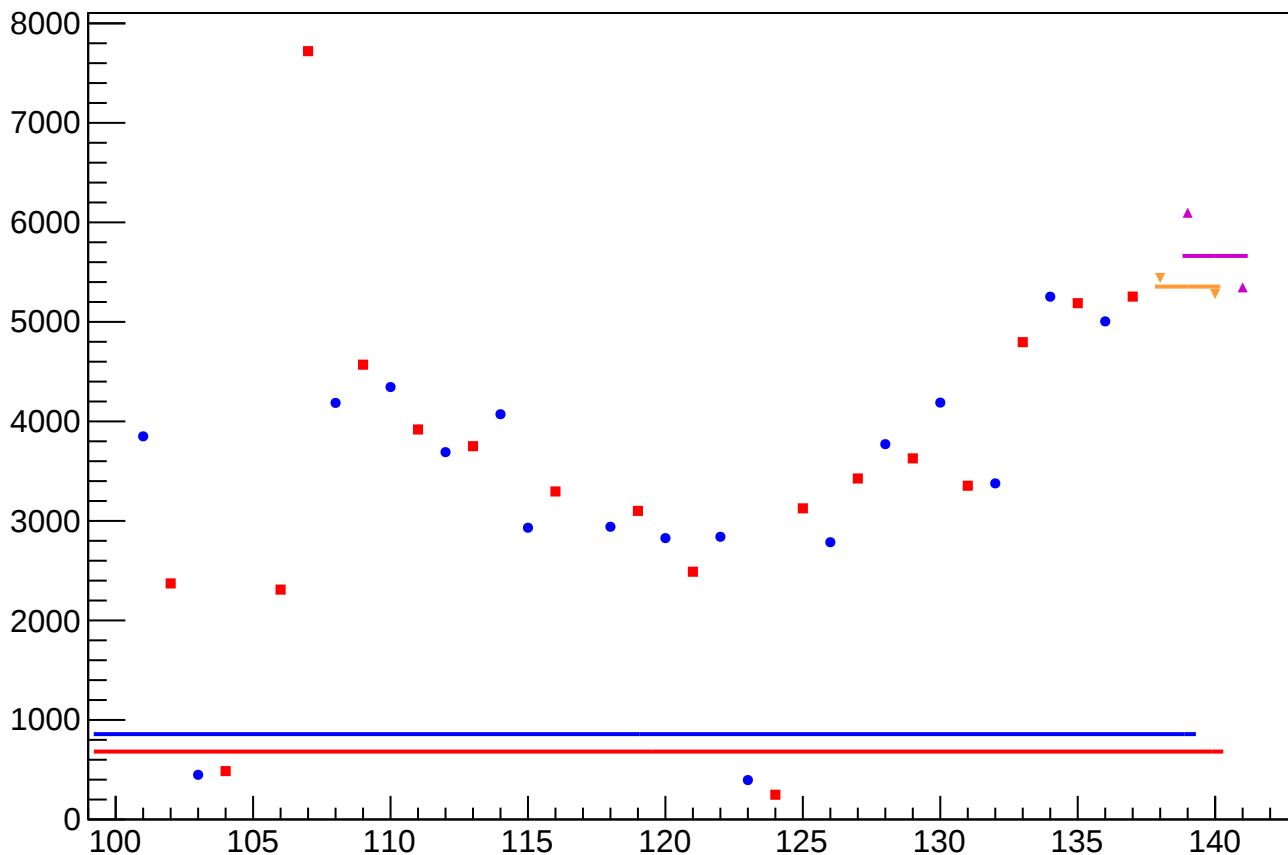
Right: 252.583+/-342.551 χ^2/NDF : 36.1/34

In: 316.759+/-529.415 χ^2/NDF : 18.0/18

Out: 228.089+/-444.664 χ^2/NDF : 19.7/19

All: 264.767+/-340.495 χ^2/NDF : 37.7/38

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 5354.525+/-3.083 χ^2/NDF : 675.0/1

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 5662.846+/-3.143 χ^2/NDF : 13882.6/1

Left: 5505.685+/-2.201 χ^2/NDF : 19461.3/3

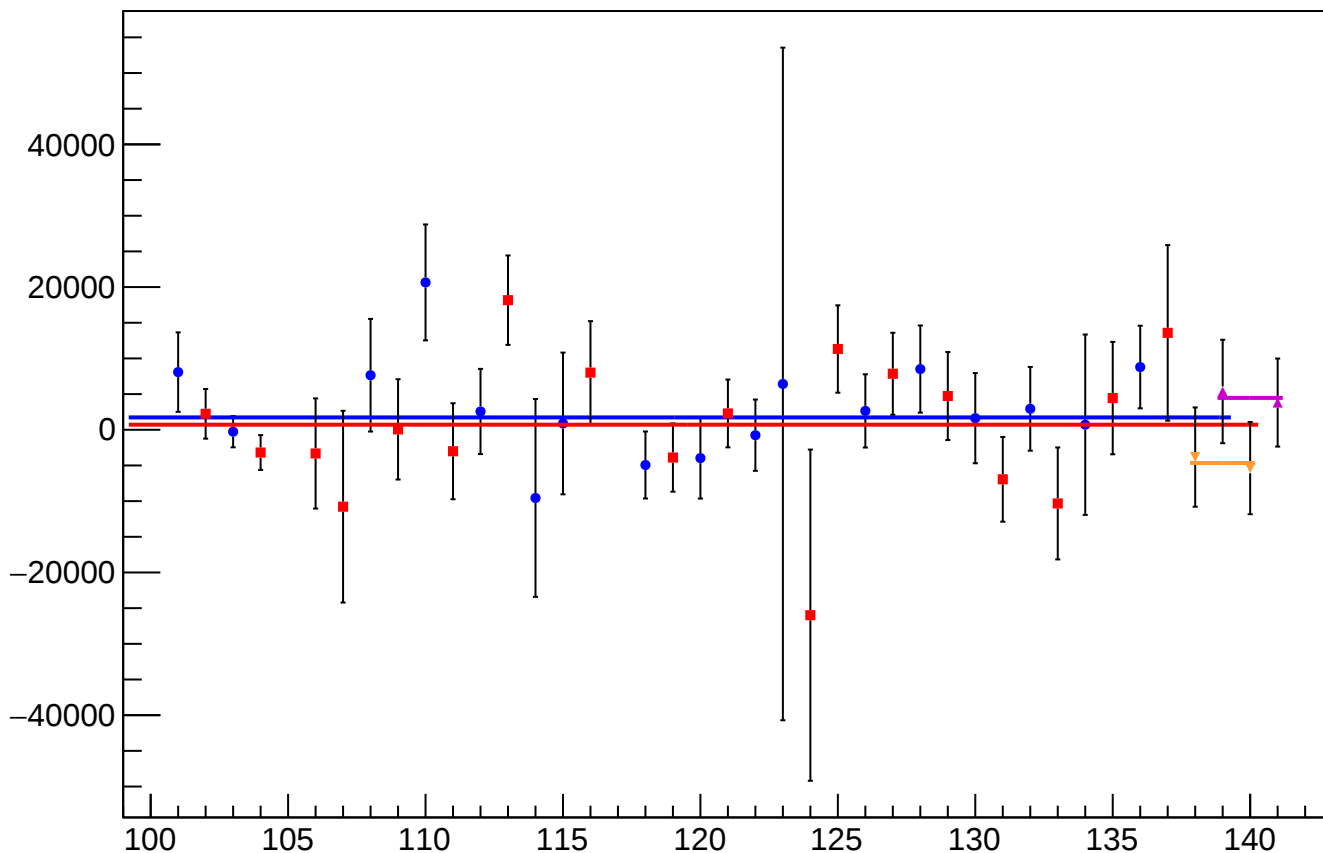
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 925.622+/-0.374 χ^2/NDF : 10492868.1/18

Out: 730.717+/-0.314 χ^2/NDF : 11652395.5/19

All: 811.339+/-0.241 χ^2/NDF : 22304206.9/38

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -4657.140+/-4734.858 χ^2/NDF : 0.0/1

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

Left In: 4467.369+/-4699.167 χ^2/NDF : 0.0/1

Left: -60.365+/-3335.360 χ^2/NDF : 1.9/3

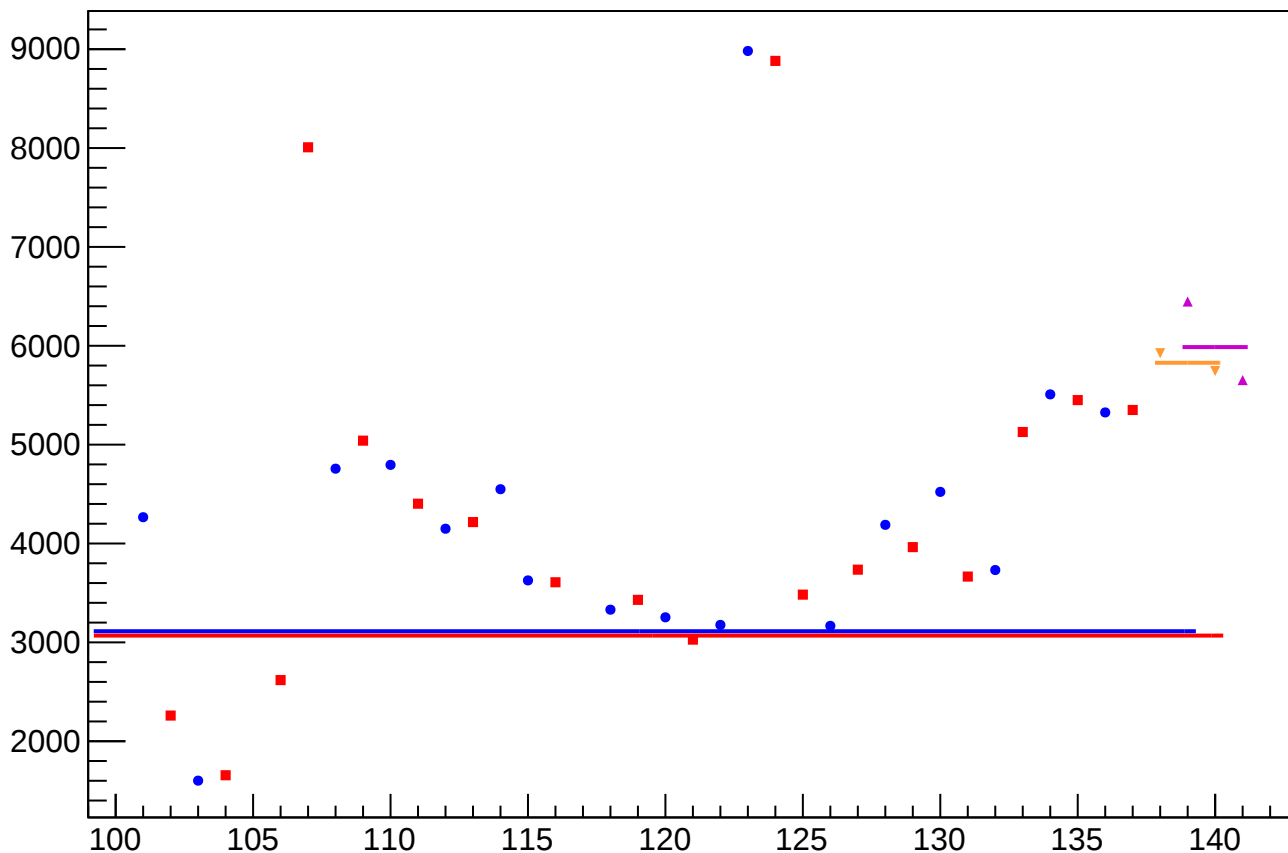
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1928.925+/-1257.061 χ^2/NDF : 15.2/18

Out: 343.886+/-1245.261 χ^2/NDF : 26.4/19

All: 1128.931+/-884.675 χ^2/NDF : 42.4/38

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5828.017+/-3.348 χ^2/NDF : 719.2/1

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

Left In: 5986.911+/-3.323 χ^2/NDF : 13935.5/1

Left: 5908.065+/-2.358 χ^2/NDF : 15789.4/3

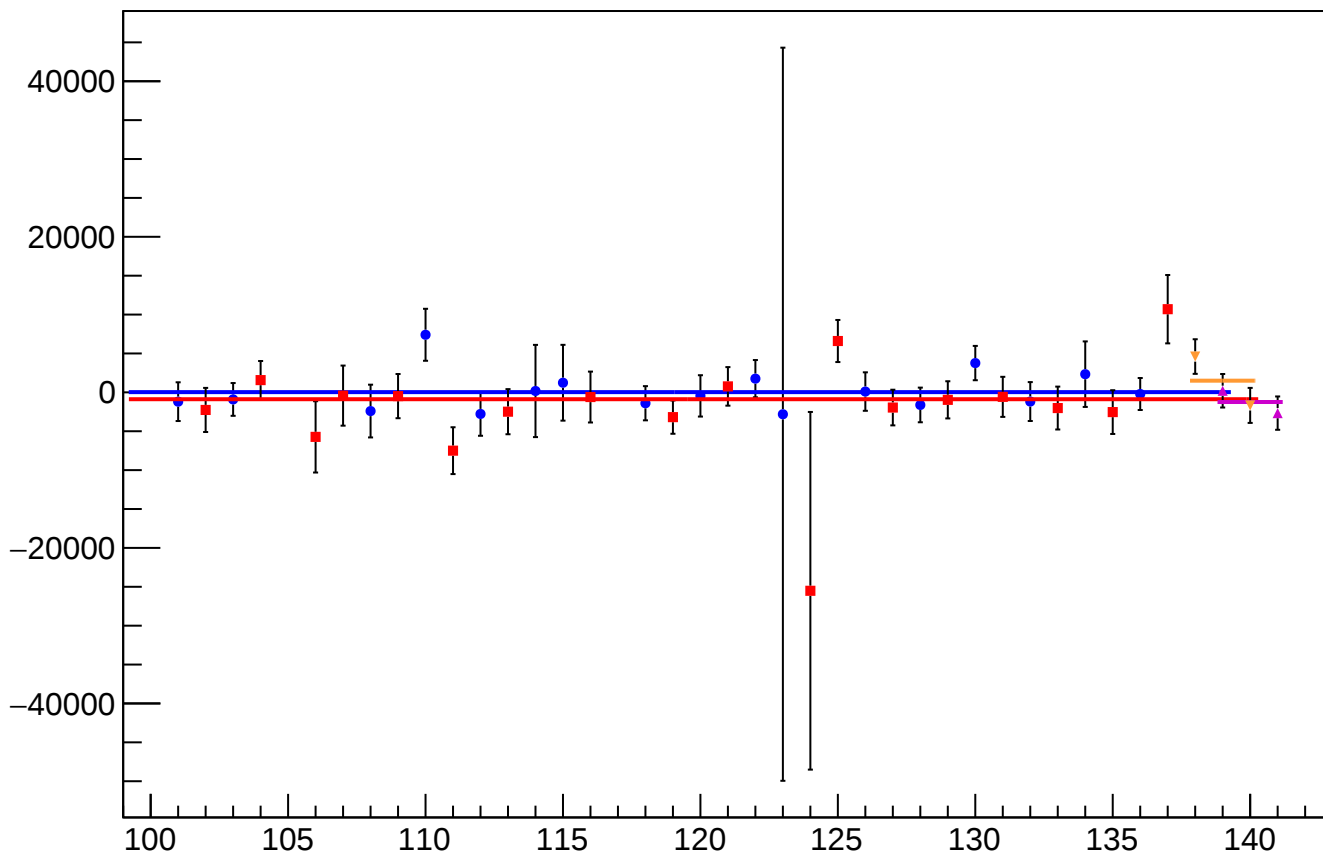
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3318.364+/-0.889 χ^2/NDF : 2593125.8/18

Out: 3254.344+/-0.869 χ^2/NDF : 2635902.4/19

All: 3285.614+/-0.621 χ^2/NDF : 5231681.9/38

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1500.368 ± 1582.210 χ^2/NDF : 3.9/1

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

Left In: -1241.618 ± 1519.146 χ^2/NDF : 0.9/1

Left: 73.641 ± 1095.815 χ^2/NDF : 6.4/3

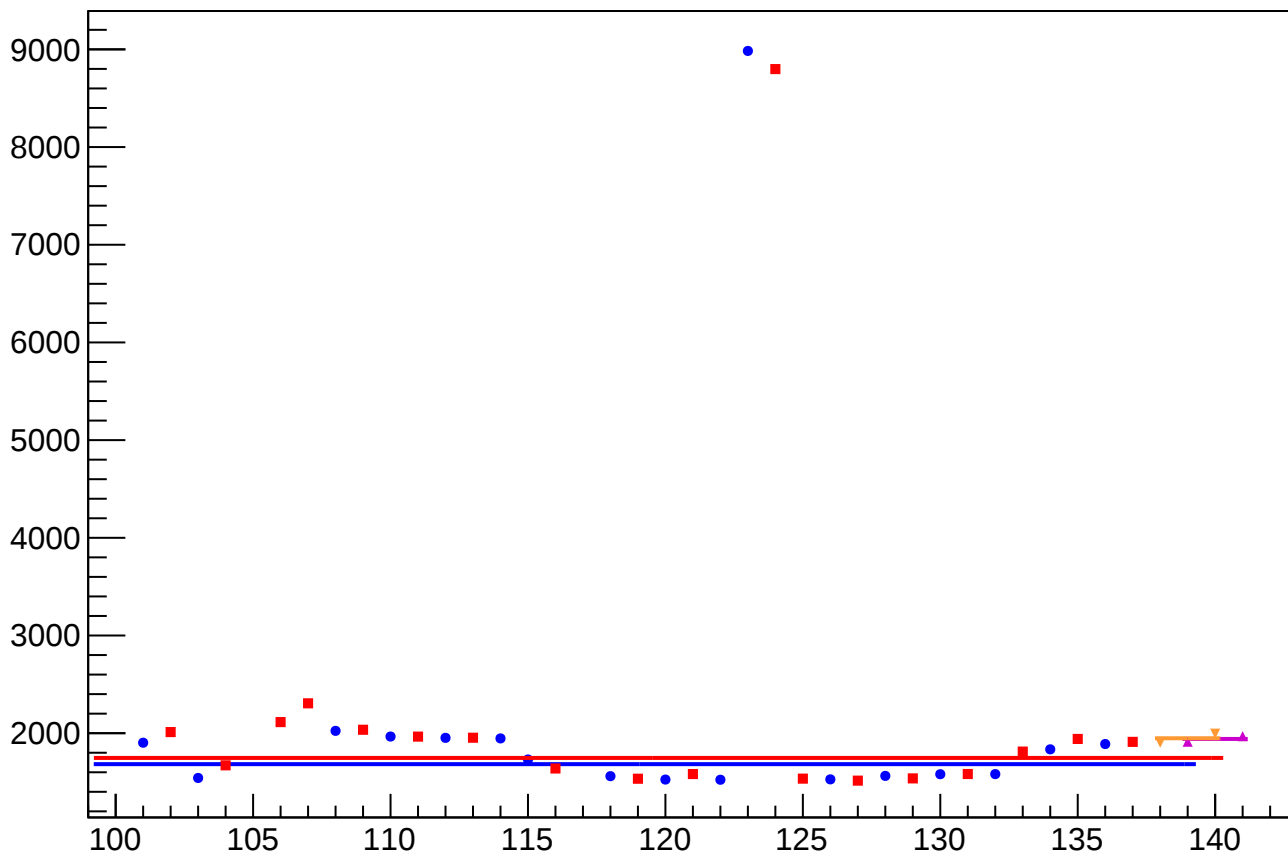
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -171.843 ± 604.106 χ^2/NDF : 13.3/18

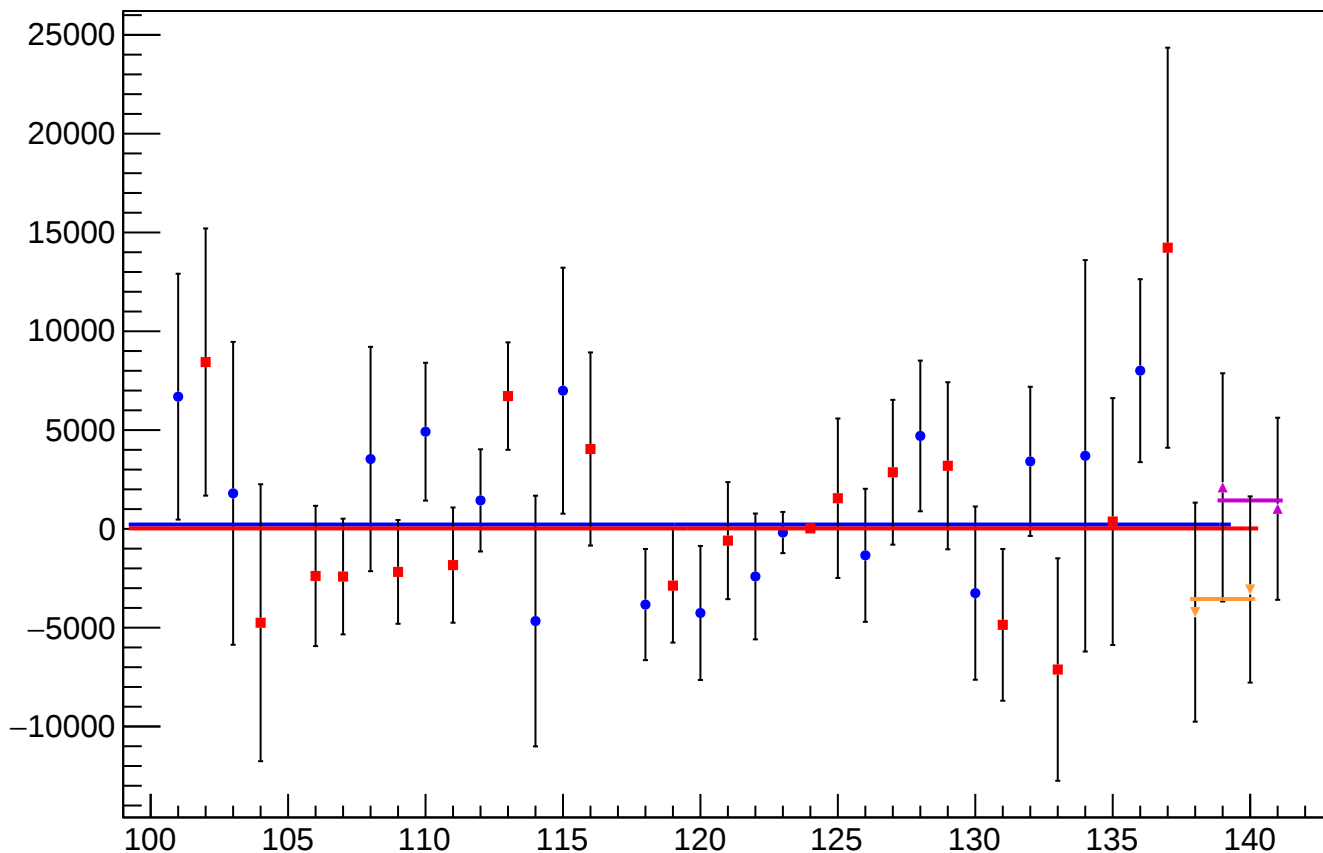
Out: -516.092 ± 620.568 χ^2/NDF : 31.5/19

All: -339.341 ± 432.870 χ^2/NDF : 45.0/38

dit_asym_atl_dd_rms vs Slug, Sign Corrected



asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3548.718+/-3590.281 χ^2/NDF : 0.0/1

Right Out: 21.945+/-114.135 χ^2/NDF : 18.6/17

Left In: 1439.312+/-3601.813 χ^2/NDF : 0.0/1

Left: -1062.701+/-2542.779 χ^2/NDF : 1.0/3

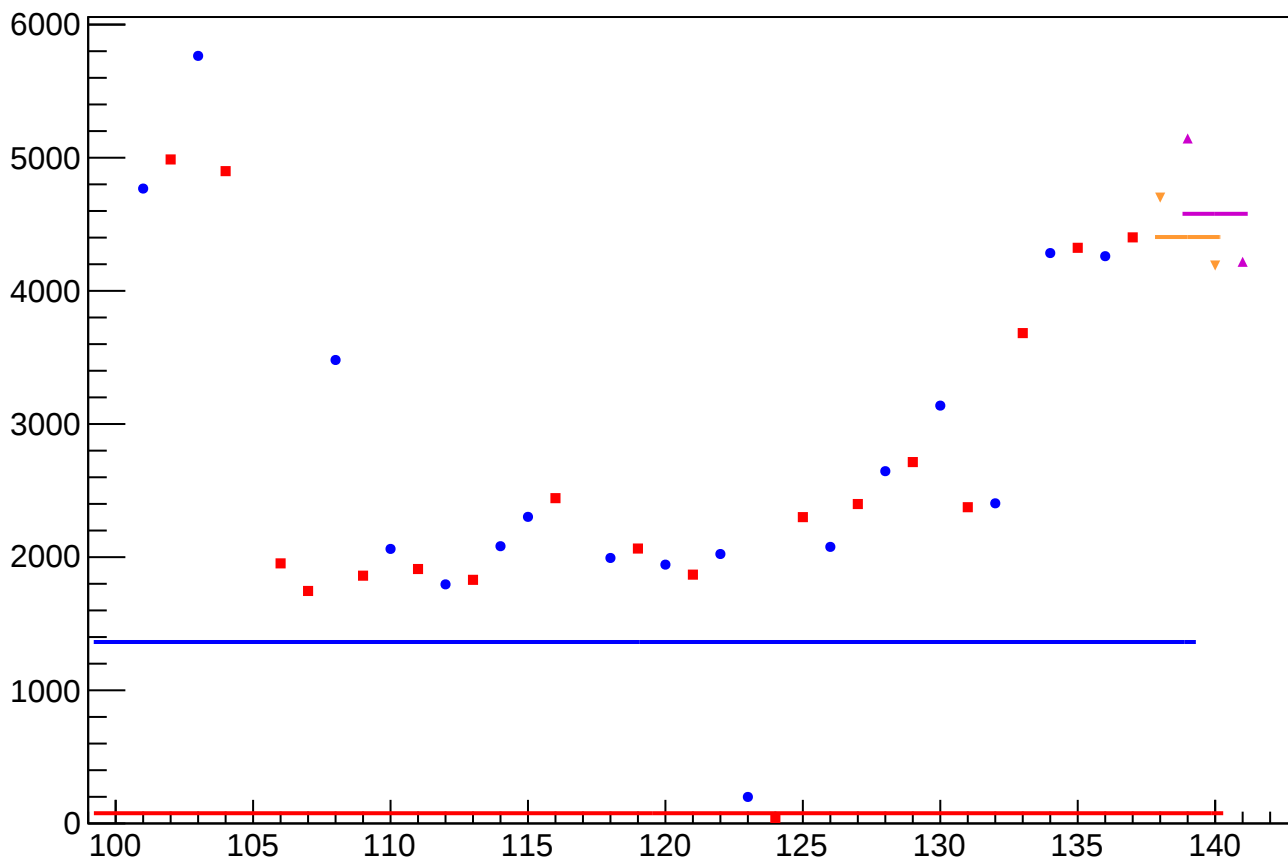
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: 266.782+/-706.895 χ^2/NDF : 16.0/18

Out: 18.340+/-114.078 χ^2/NDF : 19.6/19

All: 24.646+/-112.621 χ^2/NDF : 35.7/38

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4404.368 $\pm$ 2.539 χ^2/NDF : 9826.6/1

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

Left In: 4578.730 $\pm$ 2.547 χ^2/NDF : 31442.6/1

Left: 4491.269 $\pm$ 1.798 χ^2/NDF : 43620.2/3

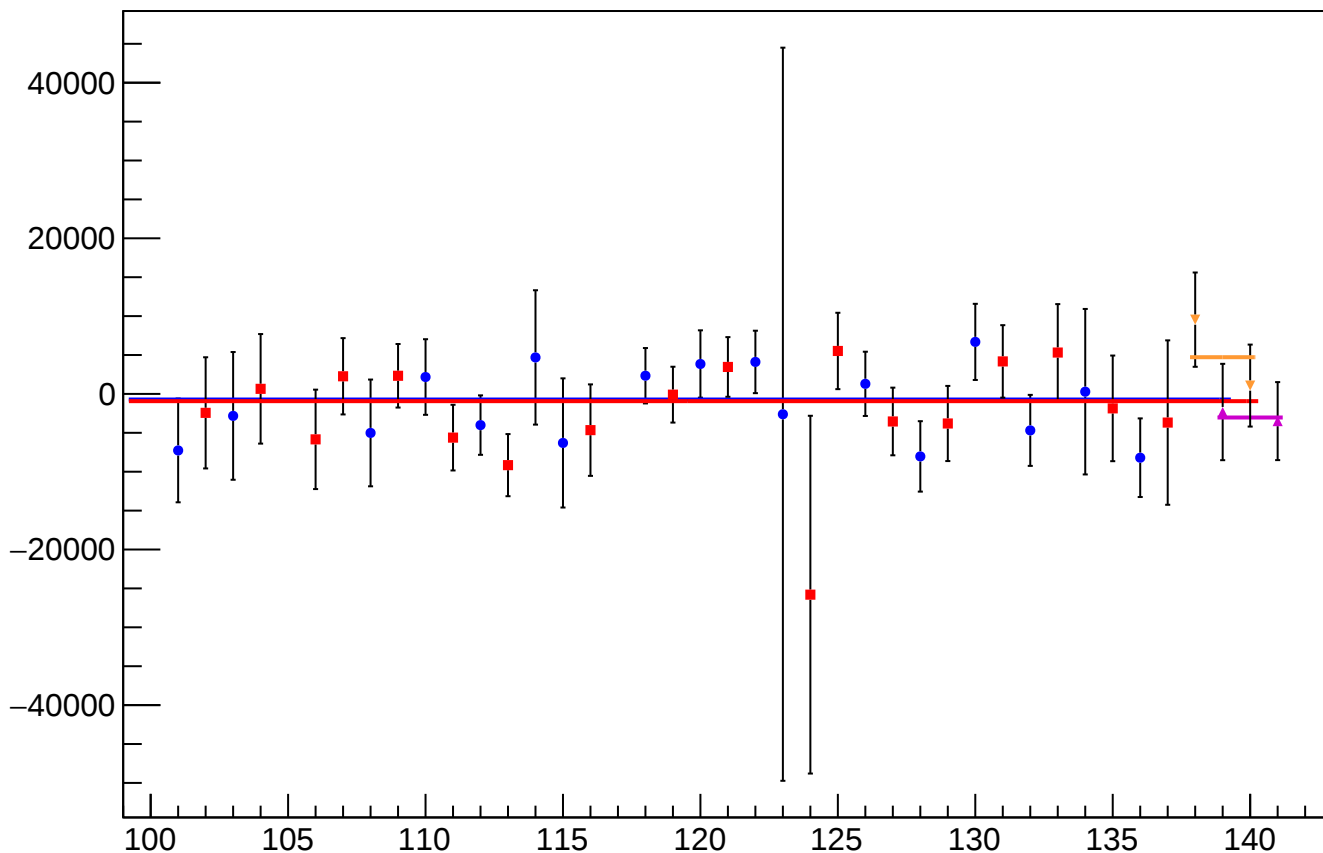
Right: 108.278 $\pm$ 0.080 χ^2/NDF : 25558892.3/34

In: 1486.712 $\pm$ 0.500 χ^2/NDF : 7800248.0/18

Out: 81.201 $\pm$ 0.081 χ^2/NDF : 16026990.9/19

All: 116.876 $\pm$ 0.080 χ^2/NDF : 31533147.2/38

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 4717.890+/-3975.639 χ^2/NDF : 1.1/1

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

Left In: -3032.775+/-3896.267 χ^2/NDF : 0.0/1

Left: 764.416+/-2782.714 χ^2/NDF : 3.1/3

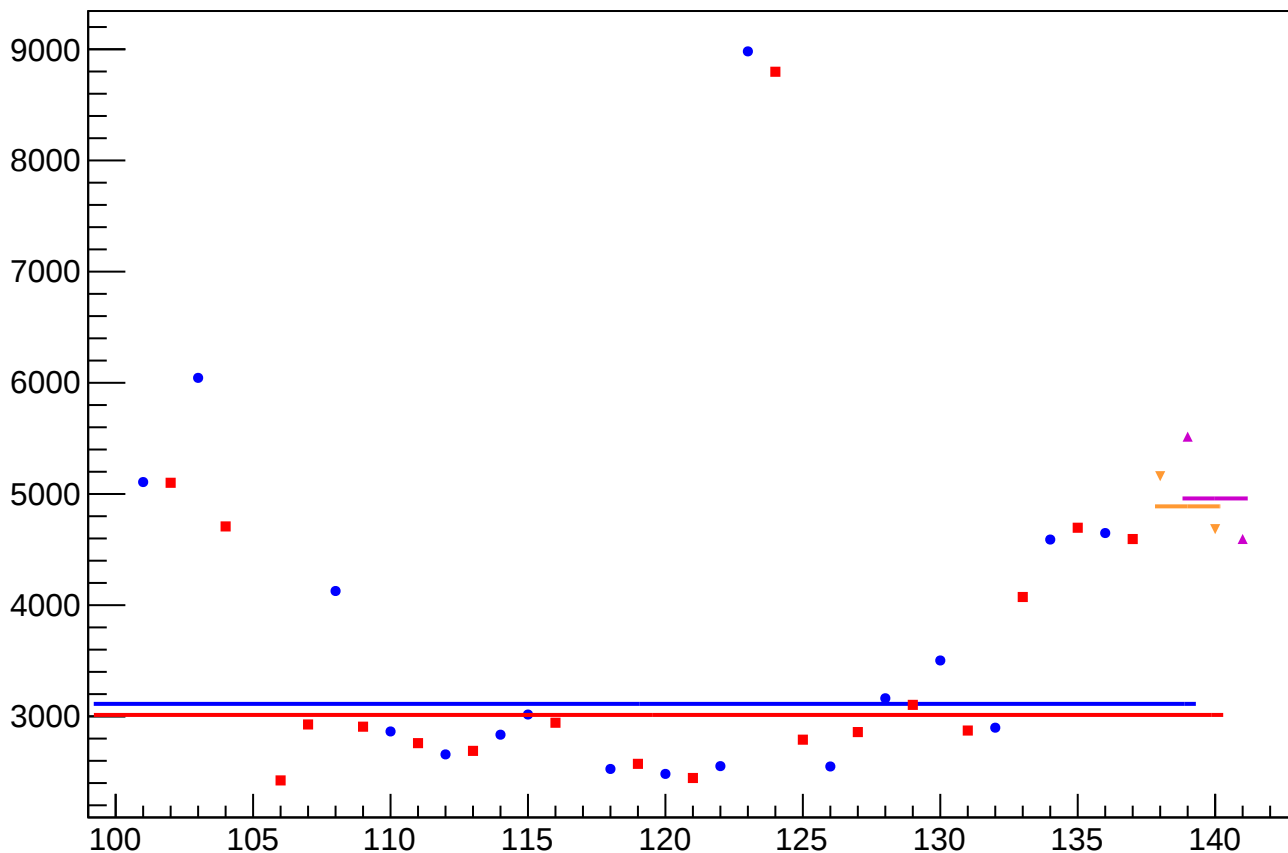
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -937.962+/-1192.421 χ^2/NDF : 15.1/18

Out: -463.963+/-1143.943 χ^2/NDF : 17.9/19

All: -691.132+/-825.496 χ^2/NDF : 33.0/38

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4888.686+/-2.811 χ^2/NDF : 7032.0/1

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

Left In: 4959.876+/-2.755 χ^2/NDF : 26684.3/1

Left: 4924.999+/-1.968 χ^2/NDF : 34043.4/3

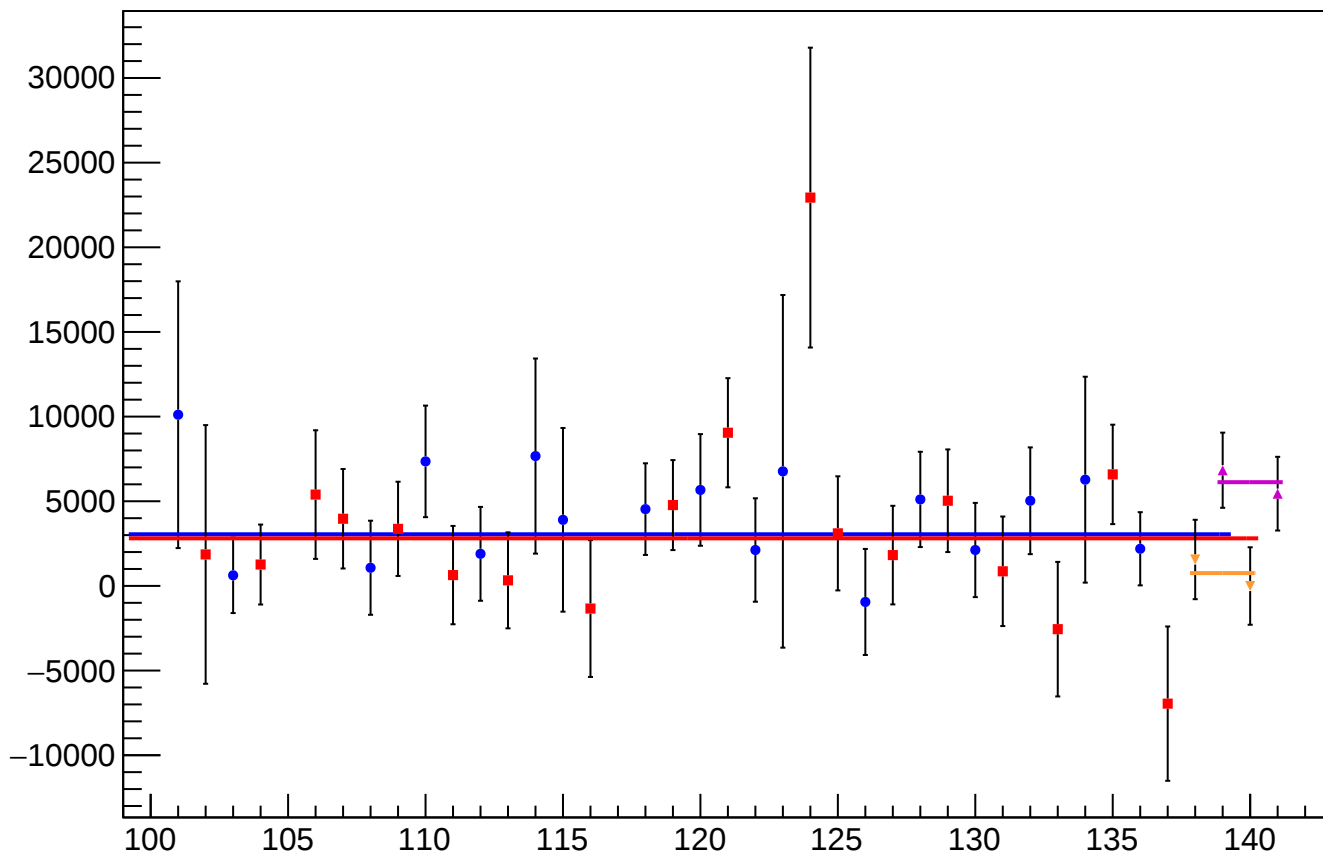
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3285.283+/-0.843 χ^2/NDF : 1392806.4/18

Out: 3164.524+/-0.800 χ^2/NDF : 1190563.3/19

All: 3221.702+/-0.580 χ^2/NDF : 2594169.7/38

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 757.943+/-1637.724 χ^2/NDF : 0.2/1

Right Out: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 6126.673+/-1554.425 χ^2/NDF : 0.2/1

Left: 3582.310+/-1127.443 χ^2/NDF : 6.1/3

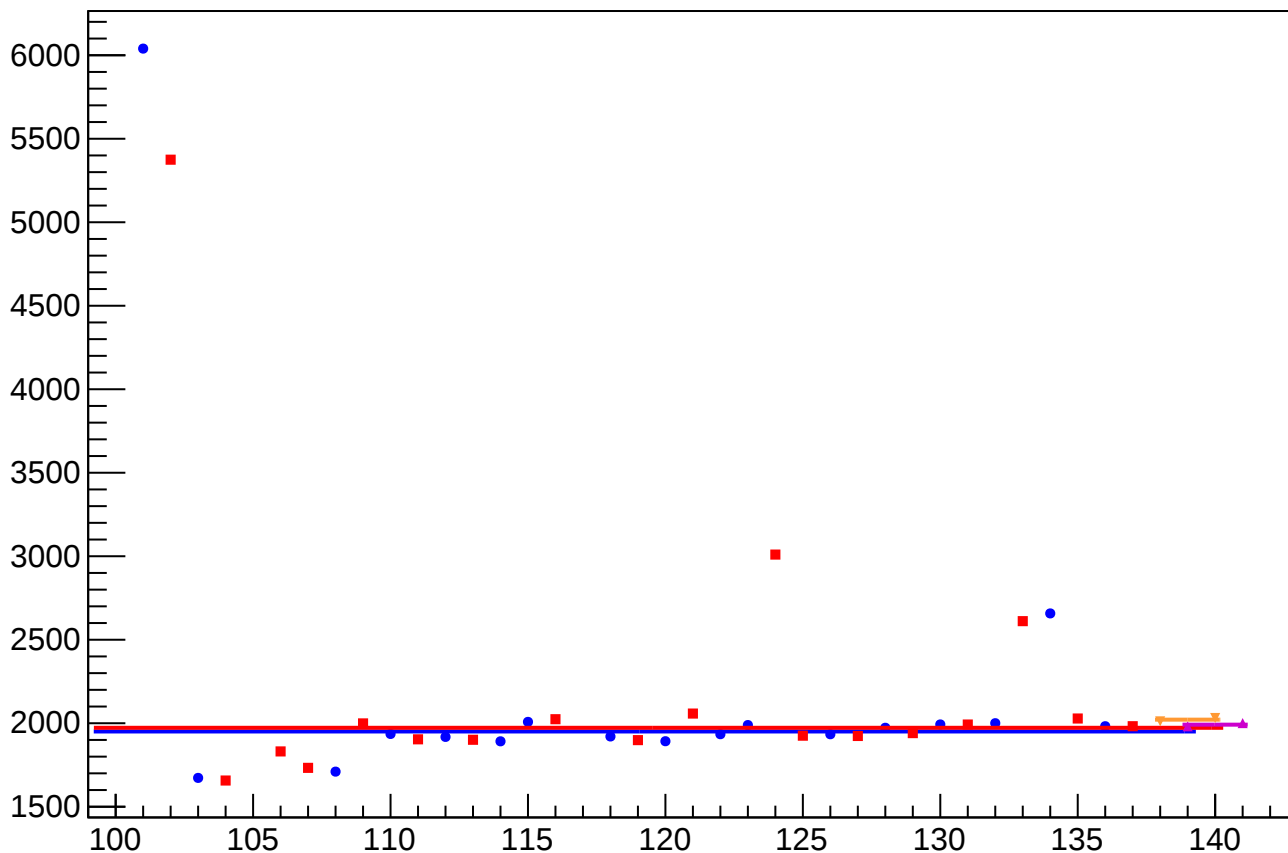
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3658.406+/-691.653 χ^2/NDF : 12.6/18

Out: 2440.770+/-694.013 χ^2/NDF : 23.5/19

All: 3051.662+/-489.905 χ^2/NDF : 37.7/38

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2021.501 $\pm$ 1.158 χ^2 /NDF:76.3/1

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 1991.462 $\pm$ 1.099 χ^2 /NDF:76.3/1

Left: 2005.698 $\pm$ 0.797 χ^2 /NDF: 506.5/3

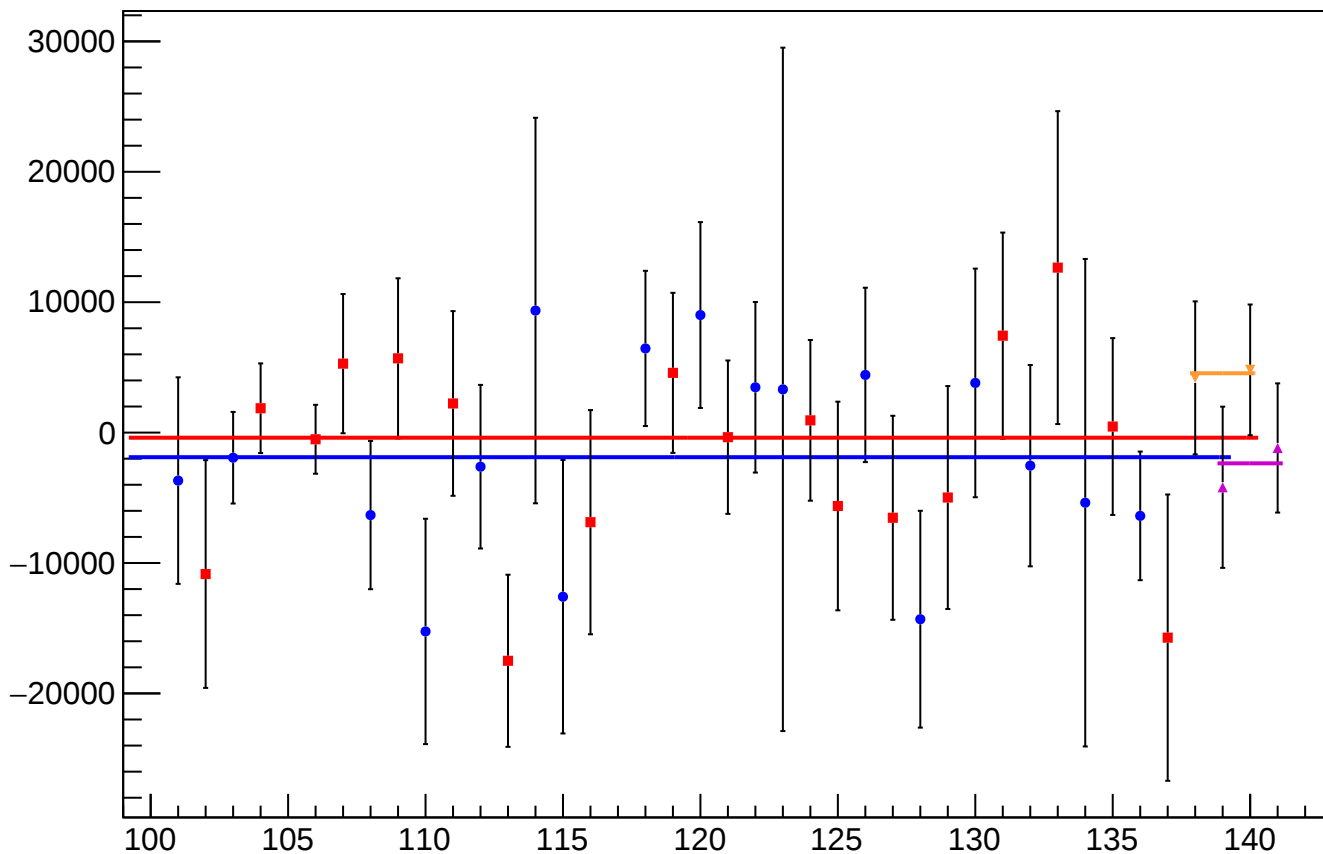
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1958.764 $\pm$ 0.489 χ^2 /NDF:616345.0/18

Out: 1981.476 $\pm$ 0.490 χ^2 /NDF:537202.1/19

All: 1970.087 $\pm$ 0.346 χ^2 /NDF: 1154622.3/38

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4552.619+/-3810.066 χ^2/NDF : 0.0/1

Right Out: -391.453+/-1361.685 χ^2/NDF : 17.6/17

Left In: -2357.316+/-3865.867 χ^2/NDF : 0.1/1

Left: 1147.882+/-2713.637 χ^2/NDF : 1.8/3

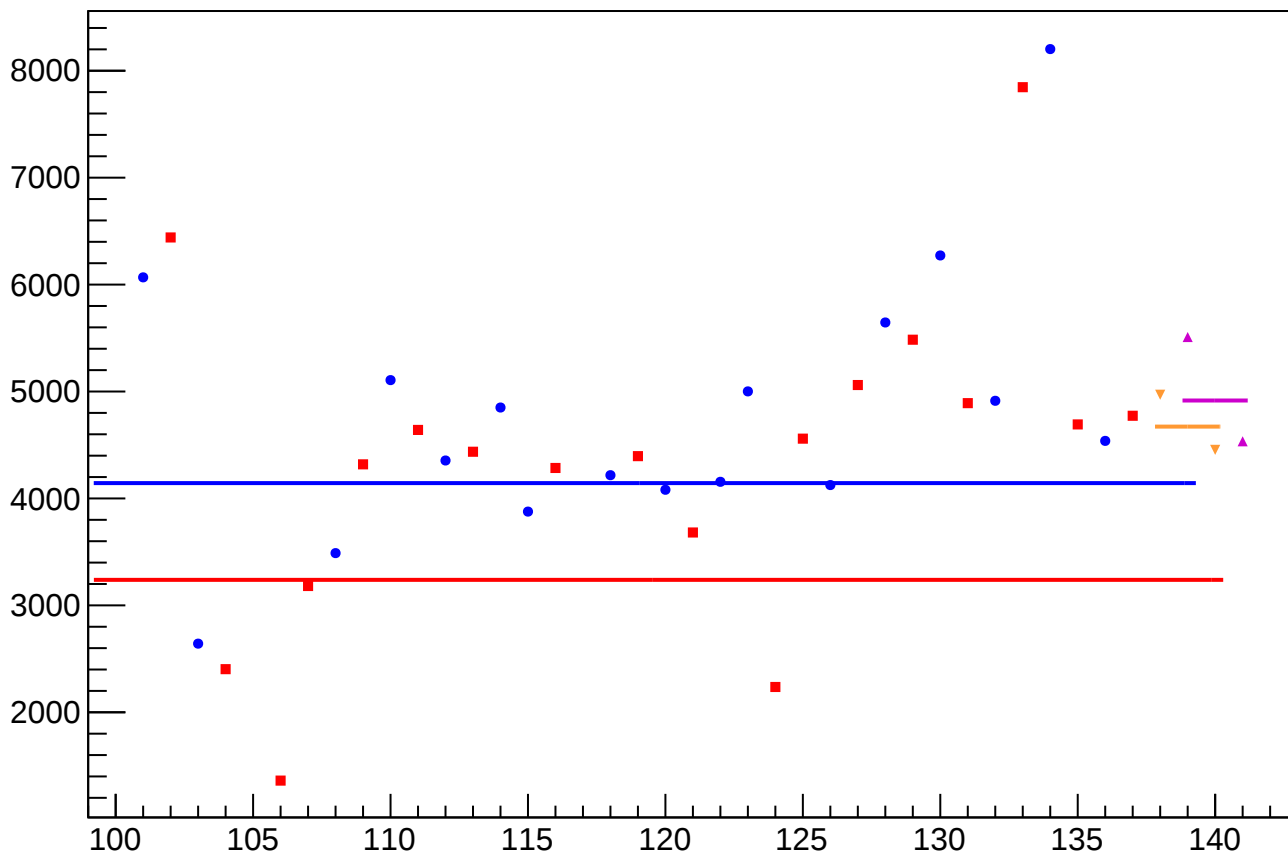
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -1958.619+/-1523.755 χ^2/NDF : 14.3/18

Out: 168.522+/-1282.255 χ^2/NDF : 19.1/19

All: -713.322+/-981.099 χ^2/NDF : 34.5/38

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4671.887+/-2.694 χ^2/NDF : 8930.1/1

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

Left In: 4915.938+/-2.734 χ^2/NDF : 30304.8/1

Left: 4792.138+/-1.919 χ^2/NDF : 43278.2/3

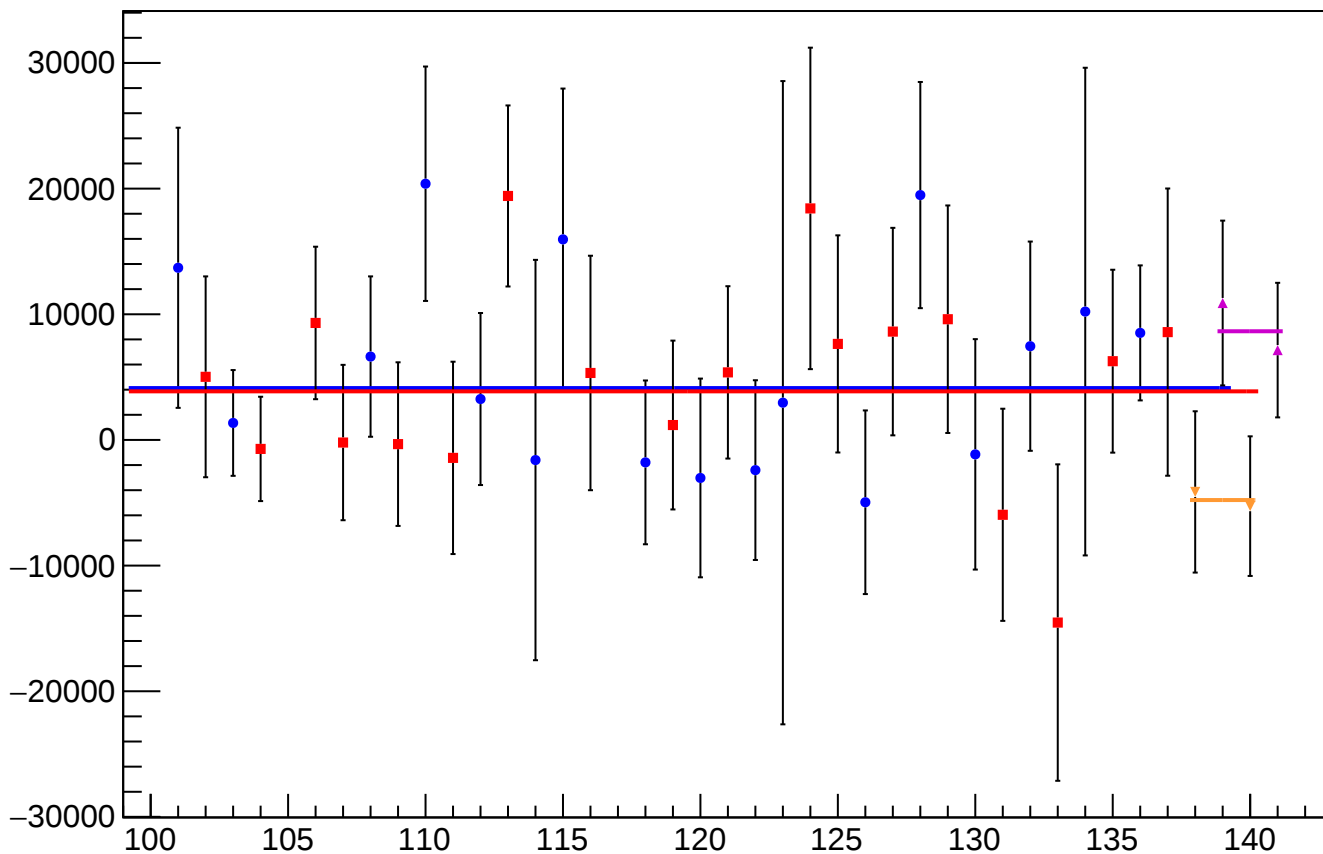
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4263.487+/-1.077 χ^2/NDF : 953724.0/18

Out: 3400.928+/-0.907 χ^2/NDF : 2841866.2/19

All: 3758.517+/-0.694 χ^2/NDF : 4170782.3/38

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4783.955 $\pm$ 4200.571 χ^2 /NDF: 0.0/1

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

Left In: 8648.166 $\pm$ 4147.059 χ^2 /NDF: 0.2/1

Left: 2018.208 $\pm$ 2951.151 χ^2 /NDF: 5.4/3

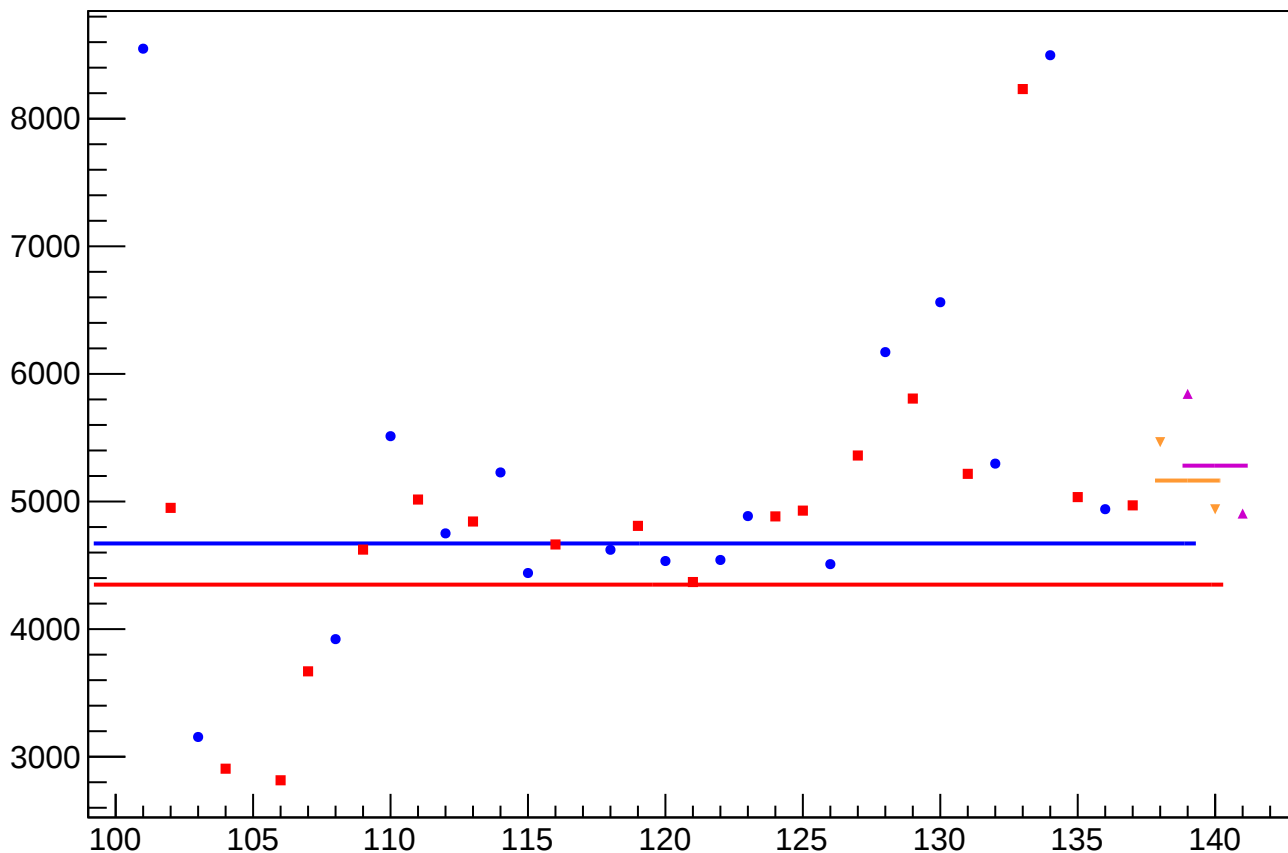
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 4885.942 $\pm$ 1699.444 χ^2 /NDF: 14.9/18

Out: 2615.103 $\pm$ 1597.656 χ^2 /NDF: 17.9/19

All: 3680.484 $\pm$ 1164.035 χ^2 /NDF: 33.7/38

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5164.396+/-2.970 χ^2/NDF : 7681.1/1

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

Left In: 5281.041+/-2.932 χ^2/NDF : 24557.2/1

Left: 5223.466+/-2.087 χ^2/NDF : 33019.3/3

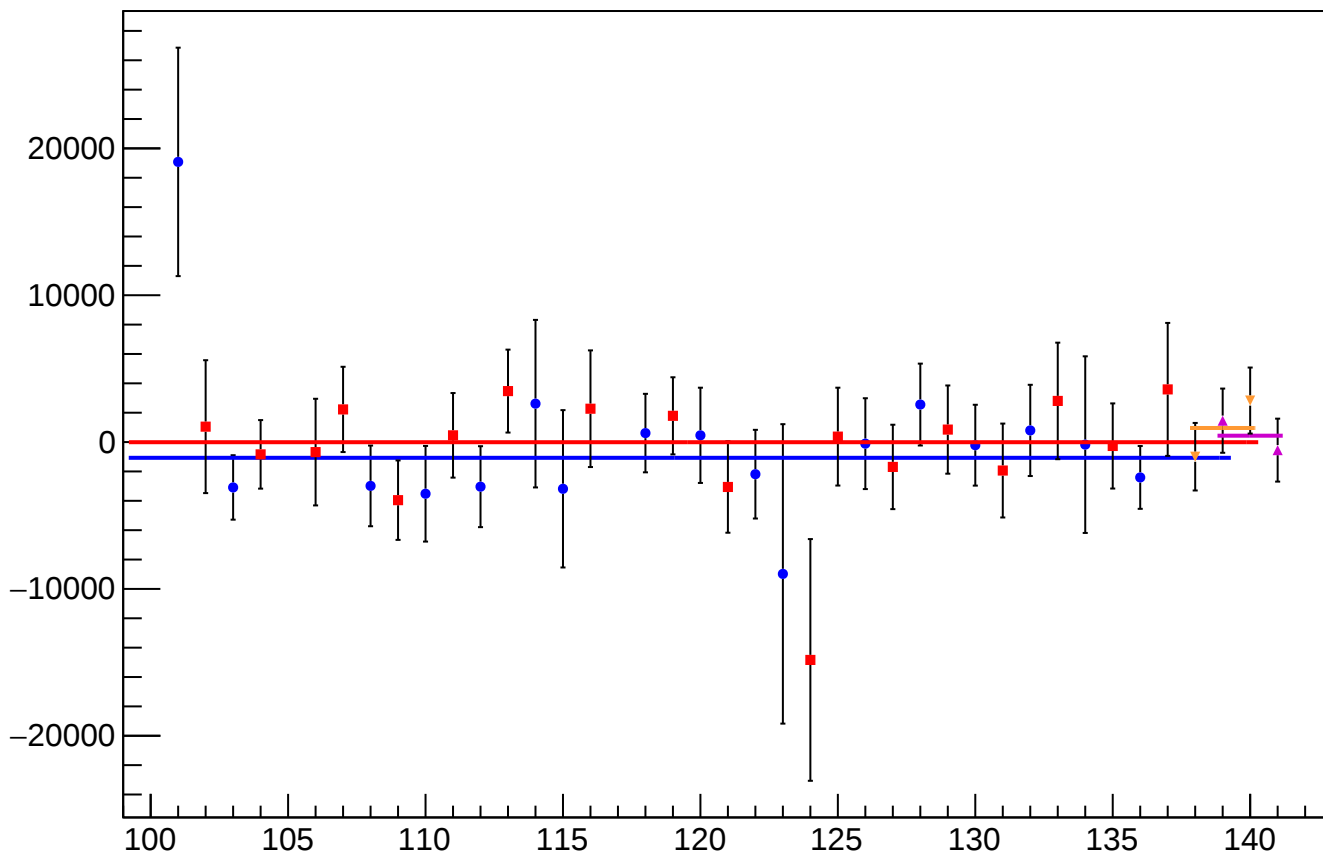
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4773.711+/-1.202 χ^2/NDF : 846641.8/18

Out: 4465.546+/-1.124 χ^2/NDF : 864719.0/19

All: 4609.361+/-0.821 χ^2/NDF : 1746433.4/38

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 959.150 ± 1607.705 χ^2/NDF : 1.4/1

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

Left In: 434.715 ± 1530.458 χ^2/NDF : 0.4/1

Left: 684.031 ± 1108.500 χ^2/NDF : 1.9/3

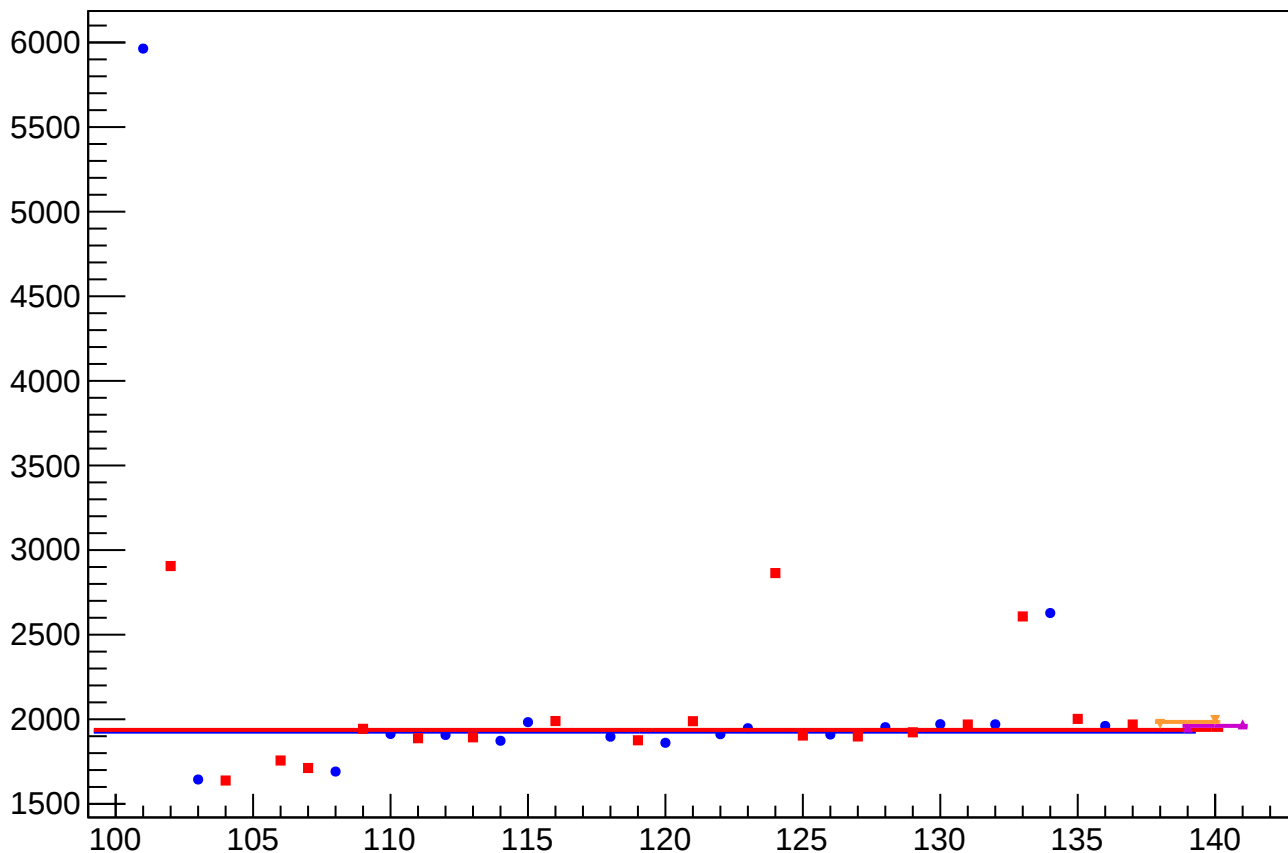
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -771.482 ± 682.824 χ^2/NDF : 14.9/18

Out: 163.388 ± 678.259 χ^2/NDF : 13.1/19

All: -300.911 ± 481.207 χ^2/NDF : 29.0/38

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 ± 0.540 $\chi^2/\text{NDF}: 617116.3/16$

Left Out: 1984.331 ± 1.137 $\chi^2/\text{NDF}: 103.7/1$

Right Out: 1937.280 ± 0.529 $\chi^2/\text{NDF}: 229079.5/17$

Left In: 1961.093 ± 1.082 $\chi^2/\text{NDF}: 69.9/1$

Left: 1972.140 ± 0.784 $\chi^2/\text{NDF}: 392.8/3$

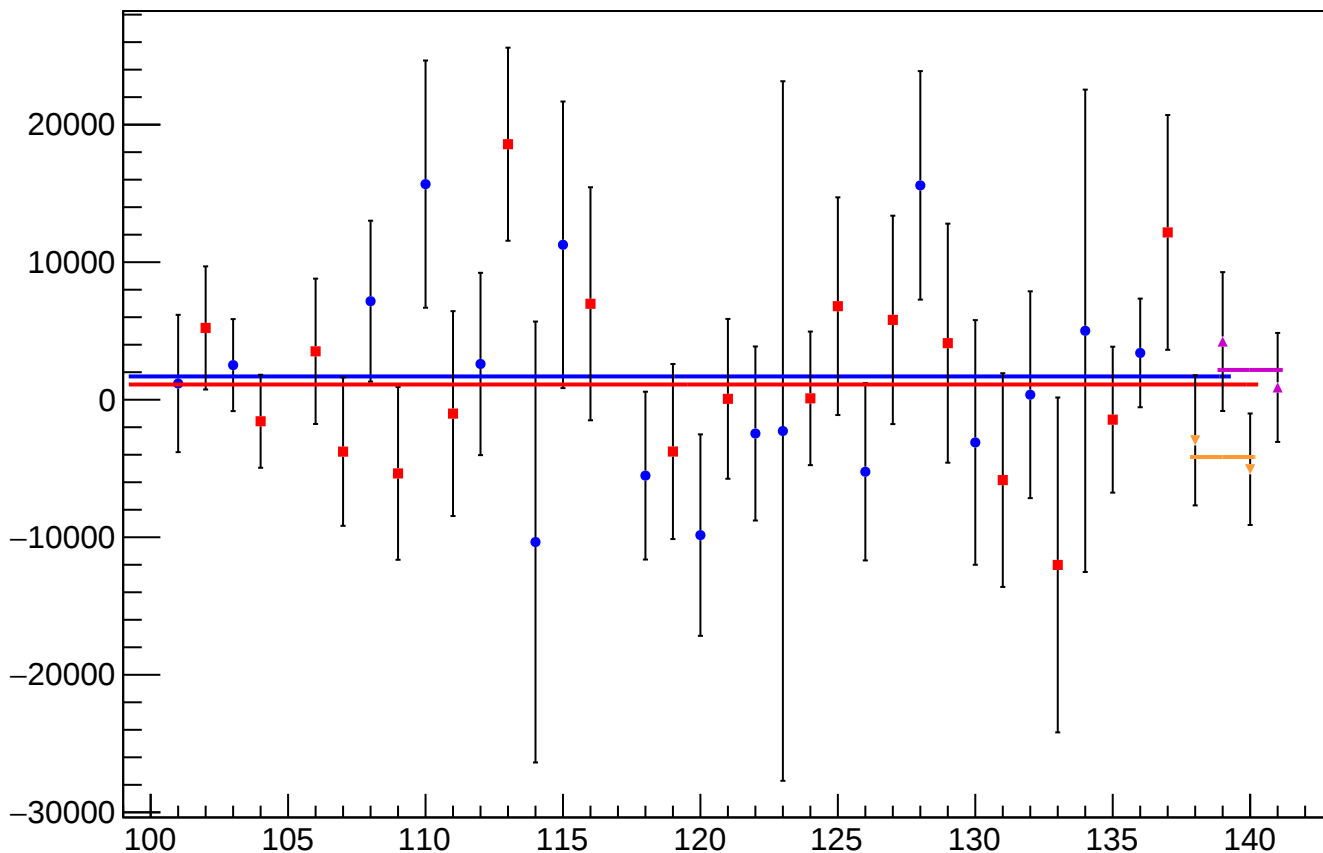
Right: 1932.191 ± 0.378 $\chi^2/\text{NDF}: 846384.9/34$

In: 1933.698 ± 0.483 $\chi^2/\text{NDF}: 617986.2/18$

Out: 1945.644 ± 0.479 $\chi^2/\text{NDF}: 230591.7/19$

All: 1939.715 ± 0.340 $\chi^2/\text{NDF}: 848886.1/38$

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4164.305+/-3078.363 χ^2/NDF : 0.1/1

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

Left In: 2166.078+/-3116.954 χ^2/NDF : 0.3/1

Left: -1038.545+/-2190.248 χ^2/NDF : 2.5/3

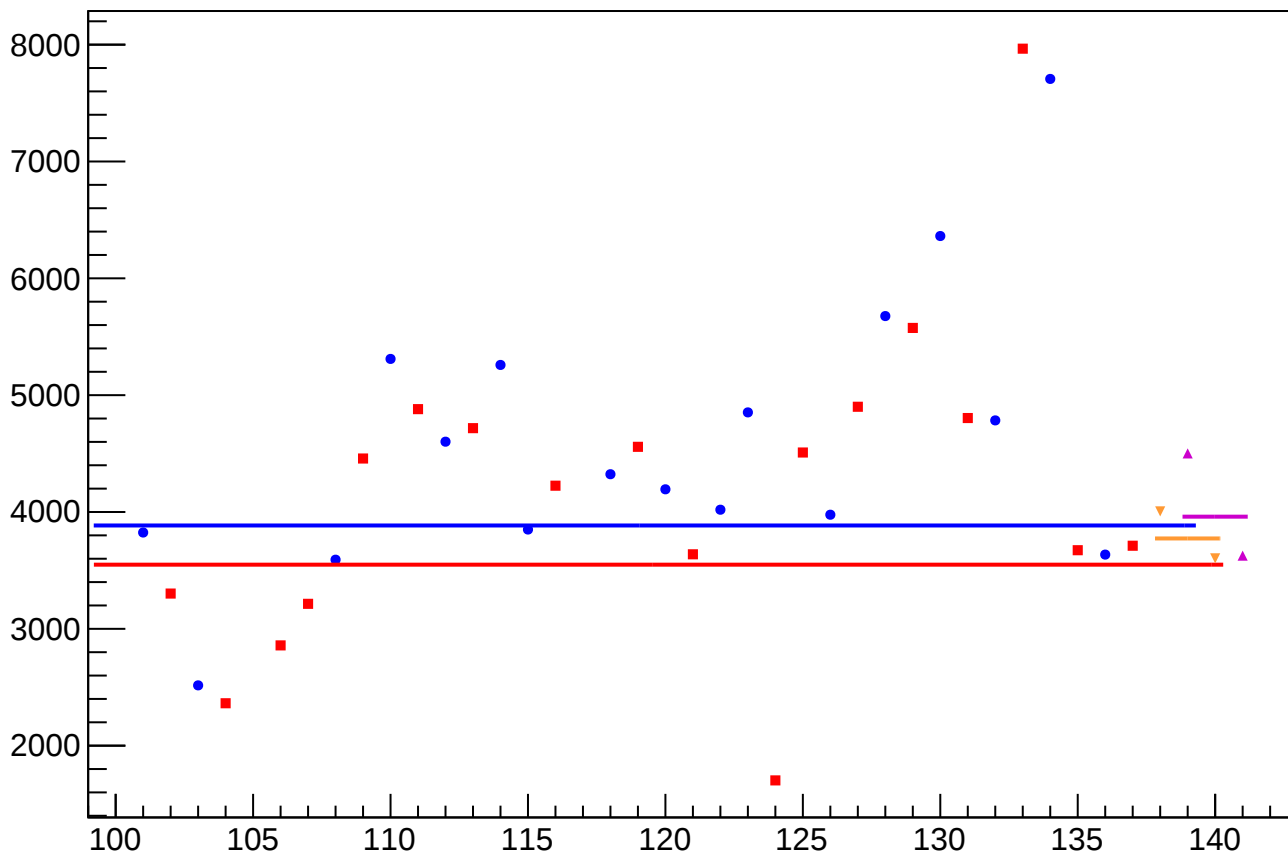
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 1787.755+/-1389.262 χ^2/NDF : 13.9/18

Out: 190.747+/-1283.952 χ^2/NDF : 18.4/19

All: 926.435+/-942.926 χ^2/NDF : 33.0/38

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3773.506+/-2.177 χ^2/NDF : 8319.2/1

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

Left In: 3960.043+/-2.204 χ^2/NDF : 37190.2/1

Left: 3865.613+/-1.549 χ^2/NDF : 49135.6/3

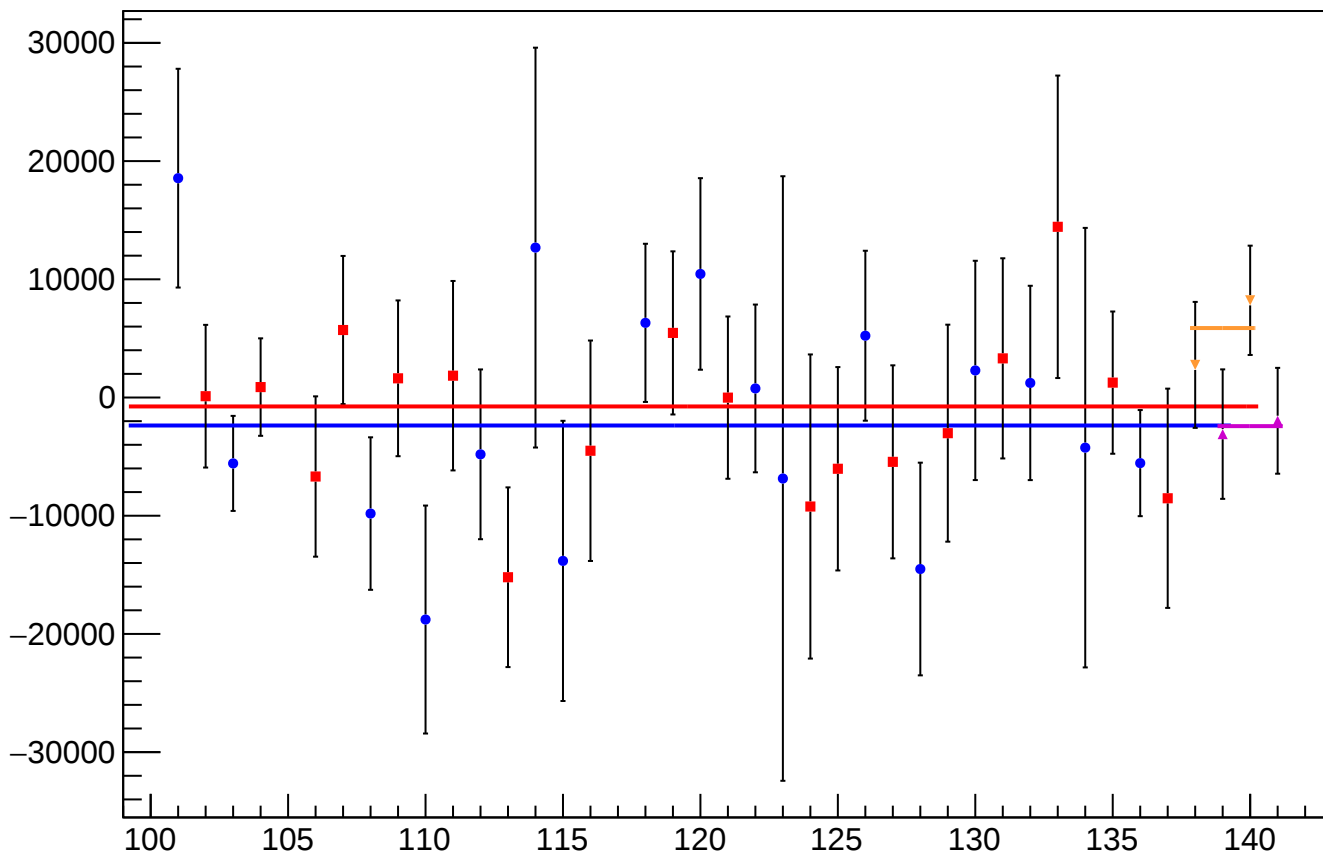
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3899.590+/-0.982 χ^2/NDF : 864692.8/18

Out: 3588.166+/-0.908 χ^2/NDF : 1344043.6/19

All: 3731.628+/-0.667 χ^2/NDF : 2262939.3/38

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 5876.482 ± 3492.323 χ^2/NDF : 0.6/1

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

Left In: -2420.359 ± 3466.238 χ^2/NDF : 0.0/1

Left: 1696.960 ± 2460.171 χ^2/NDF : 3.5/3

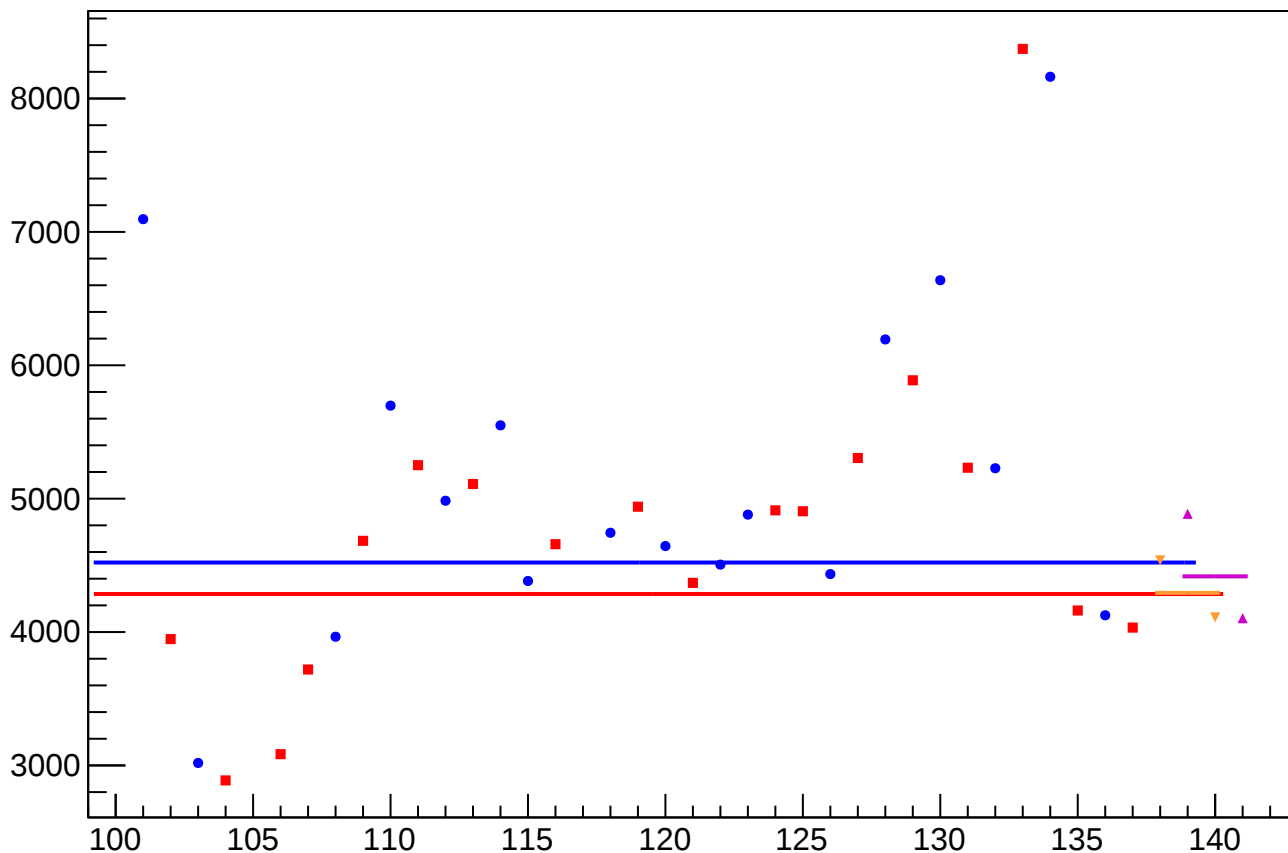
Right: -1511.498 ± 1233.889 χ^2/NDF : 31.1/34

In: -2378.767 ± 1598.808 χ^2/NDF : 20.2/18

Out: 506.413 ± 1523.502 χ^2/NDF : 14.0/19

All: -866.631 ± 1102.941 χ^2/NDF : 35.9/38

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4293.734+/-2.469 χ^2/NDF : 7350.1/1

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

Left In: 4417.463+/-2.451 χ^2/NDF : 24469.6/1

Left: 4356.062+/-1.740 χ^2/NDF : 33084.3/3

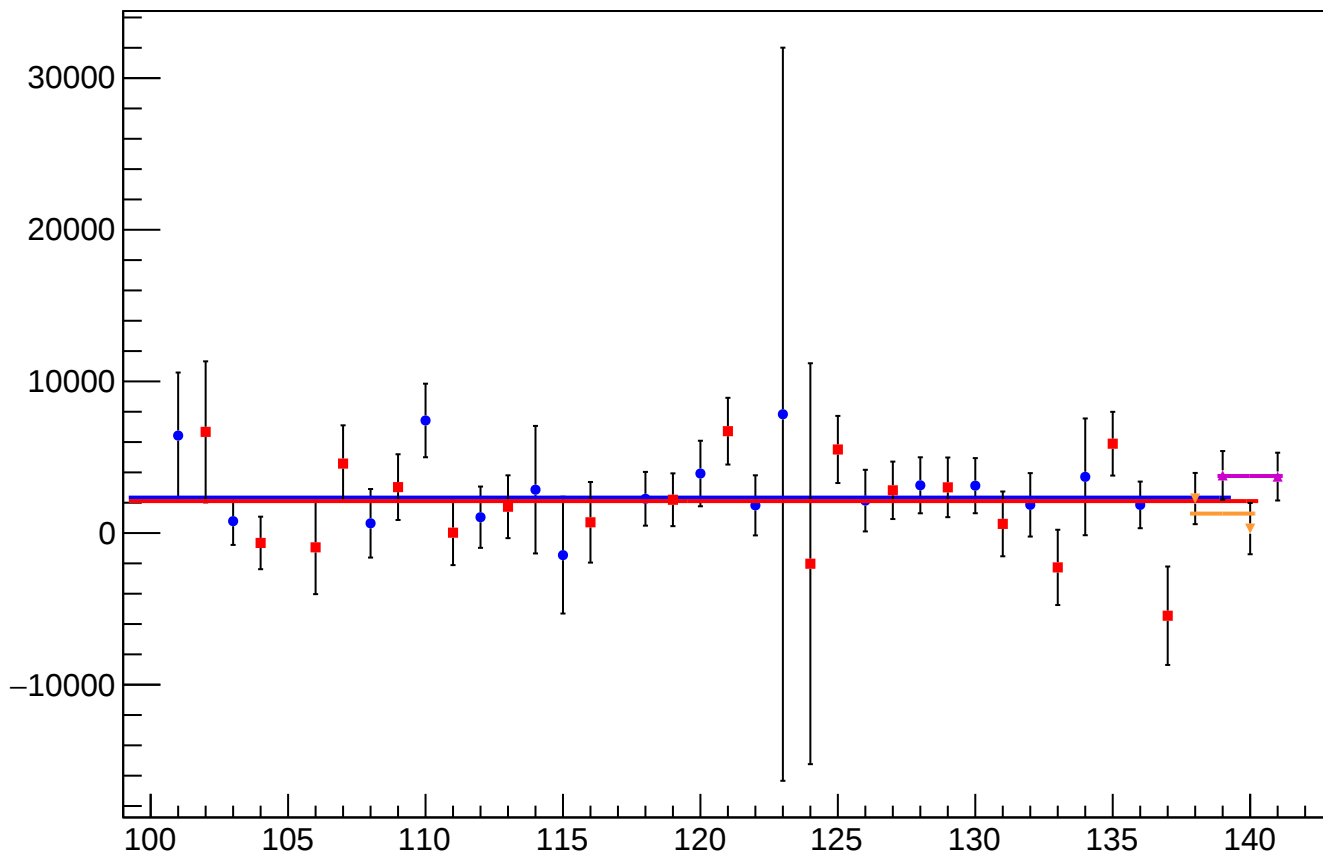
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4499.153+/-1.131 χ^2/NDF : 804555.6/18

Out: 4286.703+/-1.072 χ^2/NDF : 753761.0/19

All: 4387.328+/-0.778 χ^2/NDF : 1576904.7/38

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1283.284+/-1194.545 χ^2/NDF : 0.7/1

Right Out: 2107.117+/-539.611 χ^2/NDF : 26.4/17

Left In: 3761.839+/-1124.461 χ^2/NDF : 0.0/1

Left: 2597.399+/-818.770 χ^2/NDF : 3.0/3

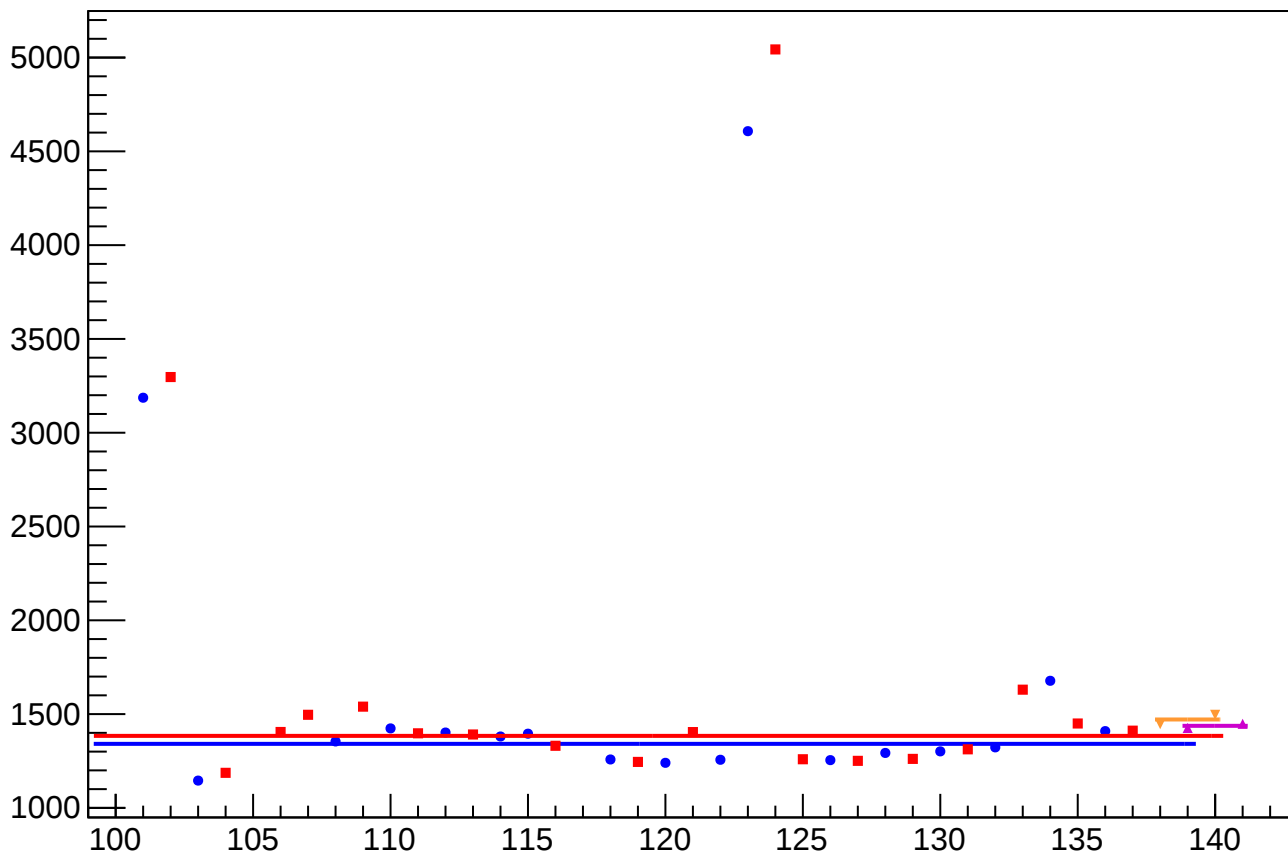
Right: 2223.866+/-378.529 χ^2/NDF : 36.1/34

In: 2596.886+/-480.253 χ^2/NDF : 10.9/18

Out: 1967.497+/-491.764 χ^2/NDF : 27.4/19

All: 2289.644+/-343.588 χ^2/NDF : 39.2/38

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: 1471.264+/-0.845 χ^2/NDF : 875.5/1

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

Left In: 1437.482+/-0.795 χ^2/NDF : 191.0/1

Left: 1453.353+/-0.579 χ^2/NDF : 1914.5/3

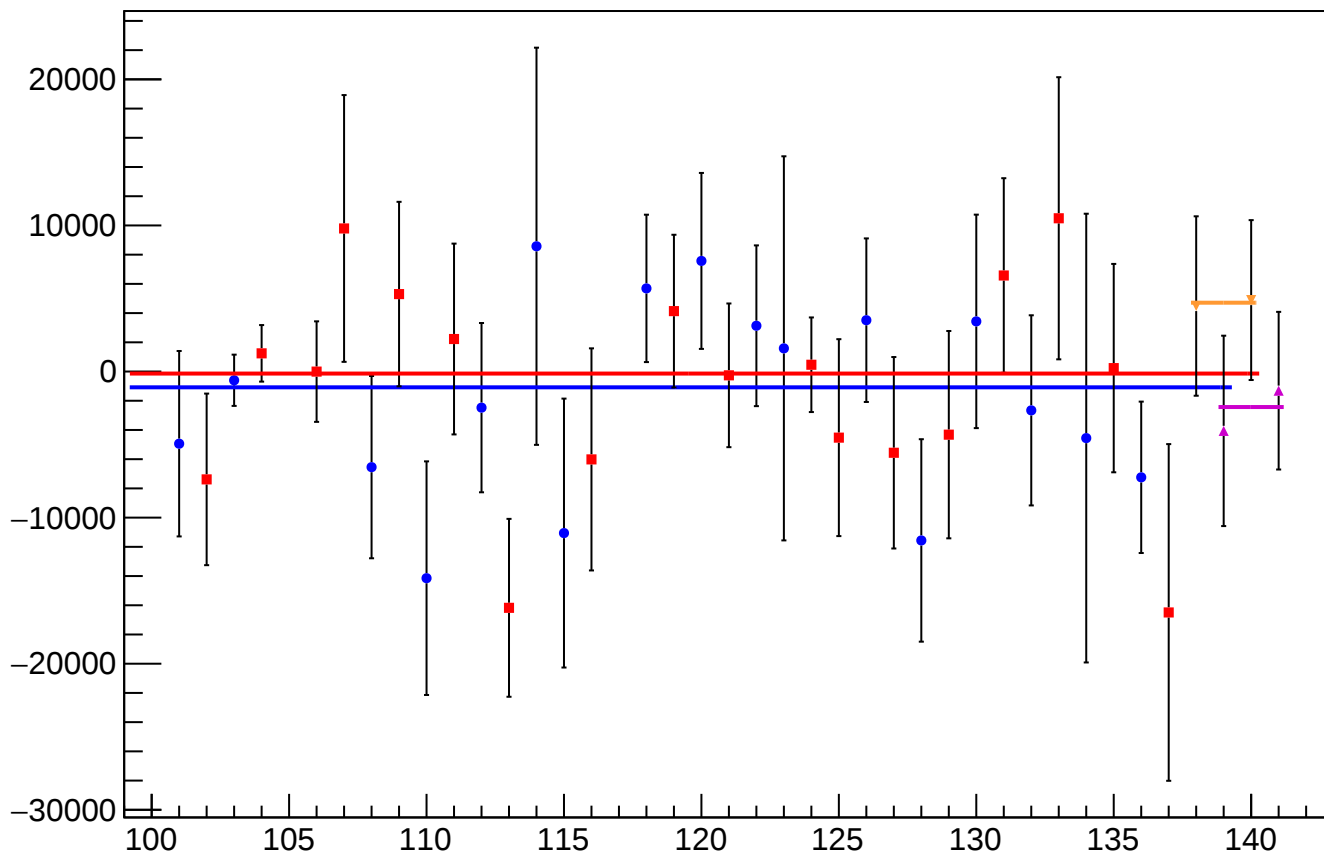
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1358.905+/-0.340 χ^2/NDF : 516408.4/18

Out: 1398.708+/-0.348 χ^2/NDF : 603604.3/19

All: 1378.343+/-0.243 χ^2/NDF : 1126721.7/38

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4711.459 $\pm$ 4085.573 χ^2 /NDF:0.0/1

Right Out: -138.838 $\pm$ 1129.319 χ^2 /NDF: 18.0/17

Left In: -2430.311 $\pm$ 4155.936 χ^2 /NDF:0.1/1

Left: 1201.543 $\pm$ 2913.495 χ^2 /NDF: 1.6/3

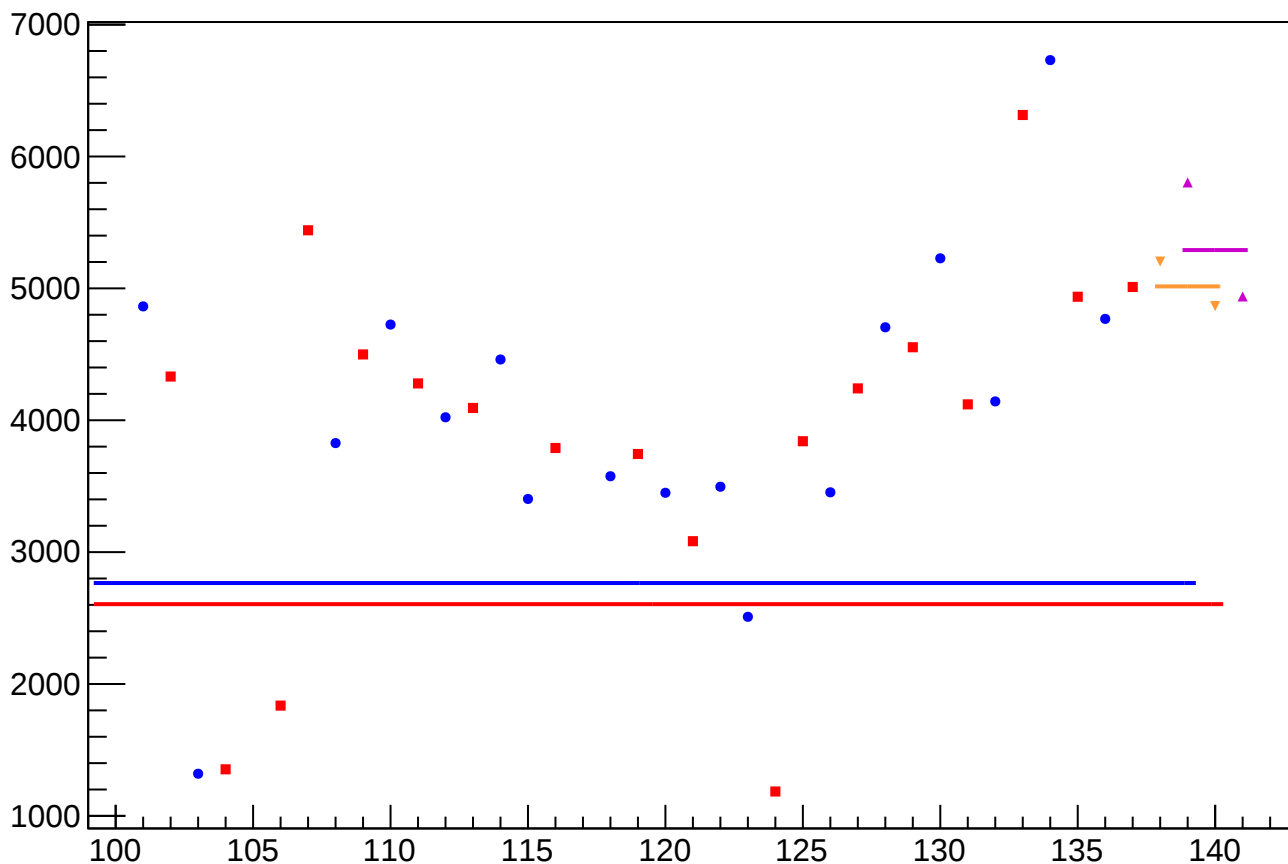
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -1186.860 $\pm$ 1163.870 χ^2 /NDF:15.2/18

Out: 205.448 $\pm$ 1088.500 χ^2 /NDF:19.3/19

All: -444.168 $\pm$ 794.996 χ^2 /NDF: 35.3/38

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: 5014.913 $\pm$ 2.889 χ^2/NDF : 3364.8/1

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

Left In: 5290.526 $\pm$ 2.939 χ^2/NDF : 20882.2/1

Left: 5150.366 $\pm$ 2.060 χ^2/NDF : 28720.2/3

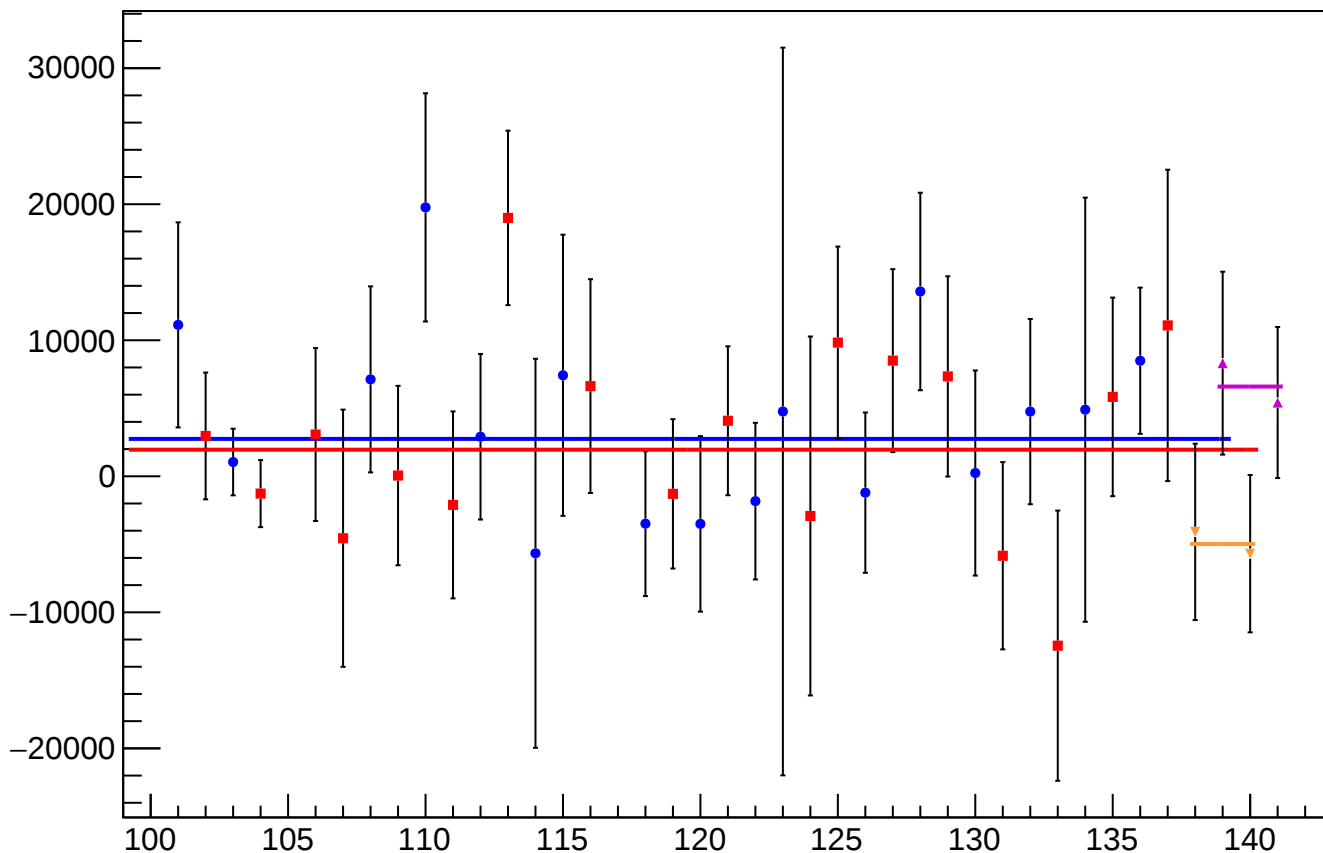
Right: 2679.956 $\pm$ 0.584 χ^2/NDF : 6280117.2/34

In: 2963.750 $\pm$ 0.823 χ^2/NDF : 3640220.7/18

Out: 2776.552 $\pm$ 0.770 χ^2/NDF : 3971889.8/19

All: 2863.894 $\pm$ 0.562 χ^2/NDF : 7639709.9/38

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: -4977.977+/-4314.367 χ^2/NDF : 0.0/1

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 6595.460+/-4280.693 χ^2/NDF : 0.1/1

Left: 854.083+/-3038.743 χ^2/NDF : 3.8/3

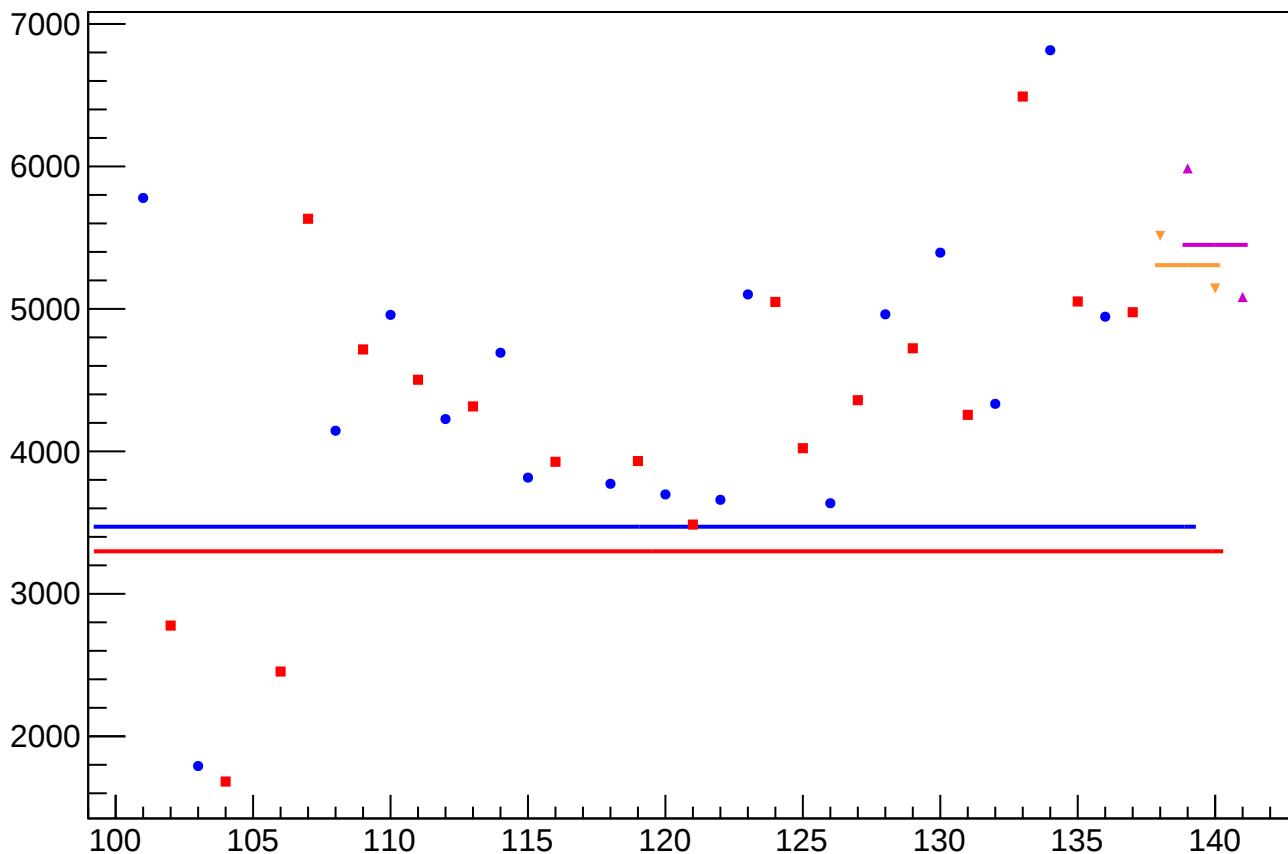
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 3142.617+/-1370.494 χ^2/NDF : 14.6/18

Out: 1308.708+/-1318.113 χ^2/NDF : 20.2/19

All: 2189.947+/-950.025 χ^2/NDF : 35.7/38

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 5307.252+/-3.051 χ^2/NDF : 3609.6/1

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5449.391+/-3.027 χ^2/NDF : 21450.5/1

Left: 5378.879+/-2.149 χ^2/NDF : 26154.0/3

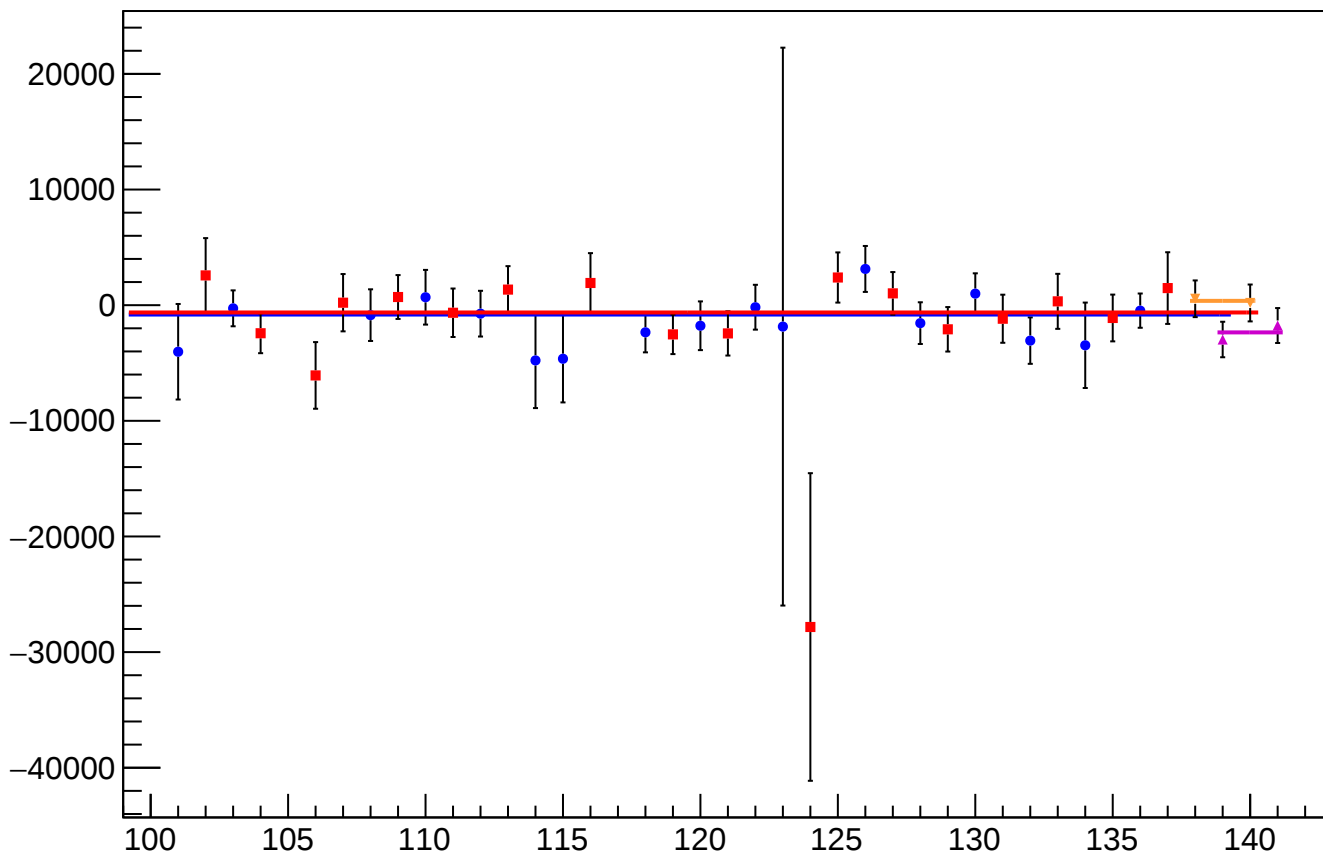
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3673.915+/-0.969 χ^2/NDF : 2172692.8/18

Out: 3483.031+/-0.924 χ^2/NDF : 2283331.9/19

All: 3573.961+/-0.669 χ^2/NDF : 4476341.9/38

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: 373.777+/-1124.501 χ^2/NDF : 0.0/1

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

Left In: -2353.485+/-1076.508 χ^2/NDF : 0.3/1

Left: -1049.293+/-777.619 χ^2/NDF : 3.4/3

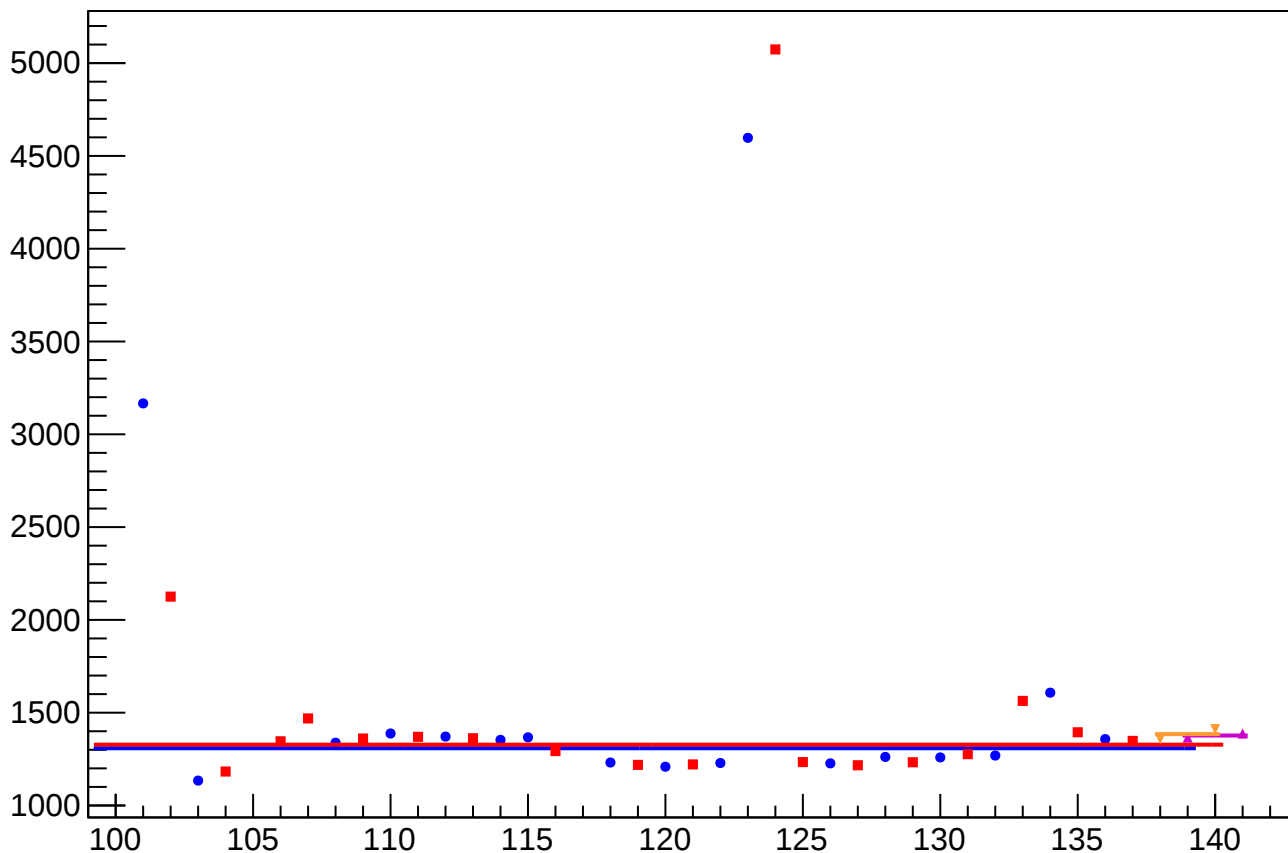
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -1099.562+/-466.912 χ^2/NDF : 13.2/18

Out: -456.541+/-468.179 χ^2/NDF : 19.2/19

All: -778.923+/-330.604 χ^2/NDF : 33.4/38

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1384.548+/-0.795 χ^2/NDF :1126.7/1

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1376.939+/-0.761 χ^2/NDF :209.1/1

Left: 1380.577+/-0.550 χ^2/NDF : 1383.6/3

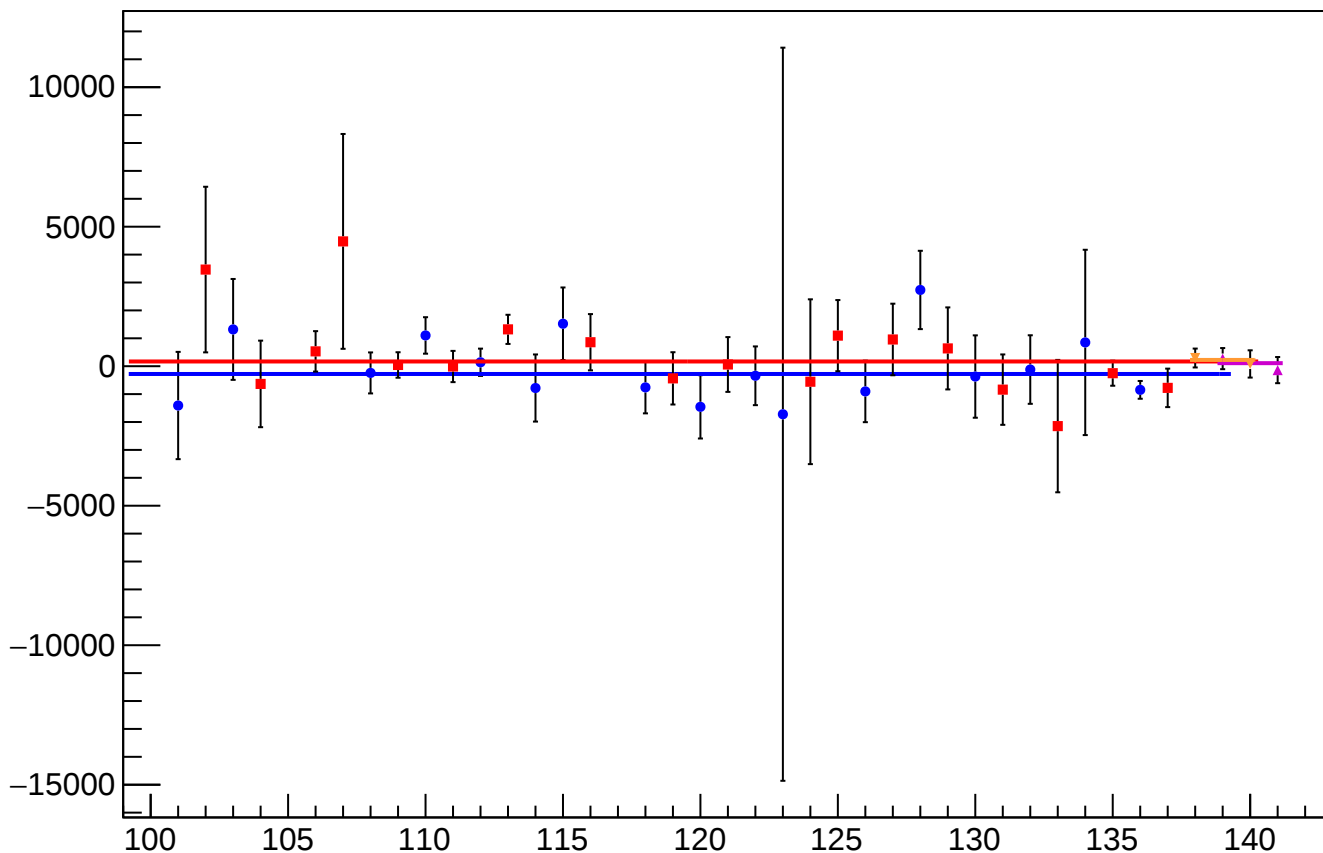
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1321.266+/-0.330 χ^2/NDF :513342.6/18

Out: 1337.510+/-0.331 χ^2/NDF :362690.6/19

All: 1329.366+/-0.234 χ^2/NDF : 877240.3/38

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: 224.746 ± 278.125 χ^2/NDF : 0.1/1

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

Left In: 109.209 ± 294.621 χ^2/NDF : 0.5/1

Left: 170.303 ± 202.245 χ^2/NDF : 0.7/3

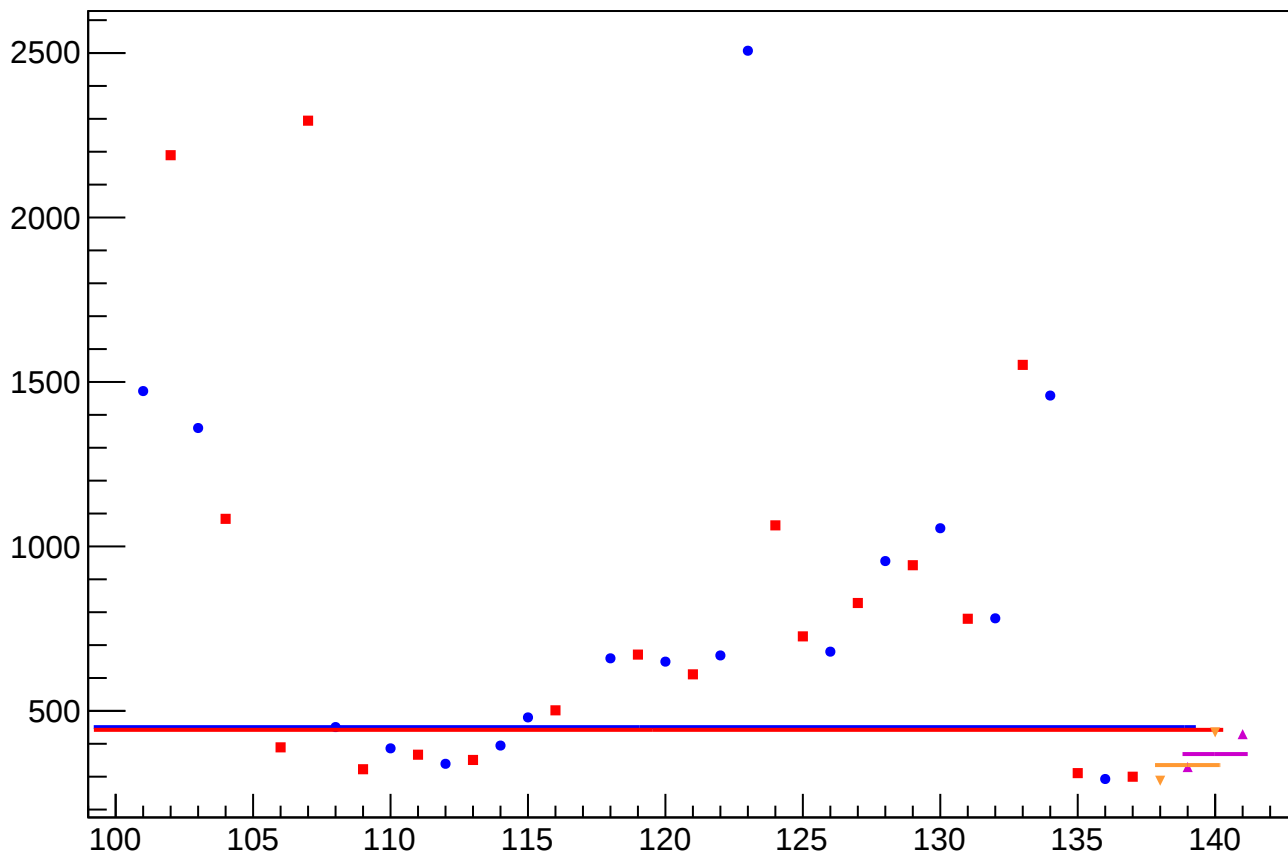
Right: -48.085 ± 138.058 χ^2/NDF : 35.0/34

In: -157.914 ± 164.407 χ^2/NDF : 19.7/18

Out: 187.465 ± 158.278 χ^2/NDF : 14.5/19

All: 21.333 ± 114.025 χ^2/NDF : 36.5/38

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: 335.278+/-0.197 χ^2/NDF :122194.9/1

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

Left In: 368.770+/-0.208 χ^2/NDF :55068.8/1

Left: 351.060+/-0.143 χ^2/NDF : 190930.0/3

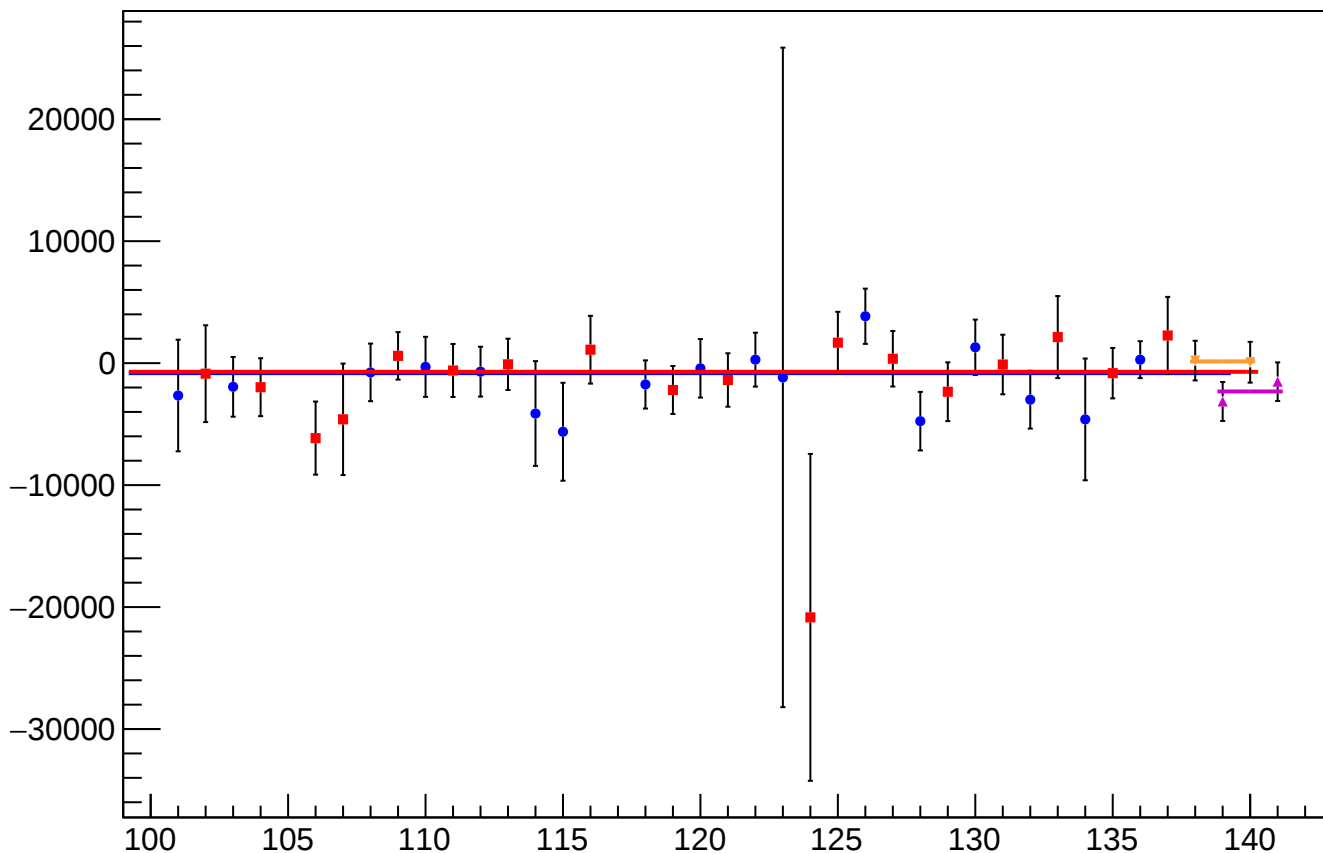
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 425.115+/-0.116 χ^2/NDF :3159035.0/18

Out: 407.685+/-0.112 χ^2/NDF :3691007.7/19

All: 416.069+/-0.081 χ^2/NDF : 6861709.3/38

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: 143.054+/-1165.837 χ^2/NDF : 0.0/1

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

Left In: -2322.737+/-1124.055 χ^2/NDF : 0.5/1

Left: -1134.818+/-809.195 χ^2/NDF : 2.8/3

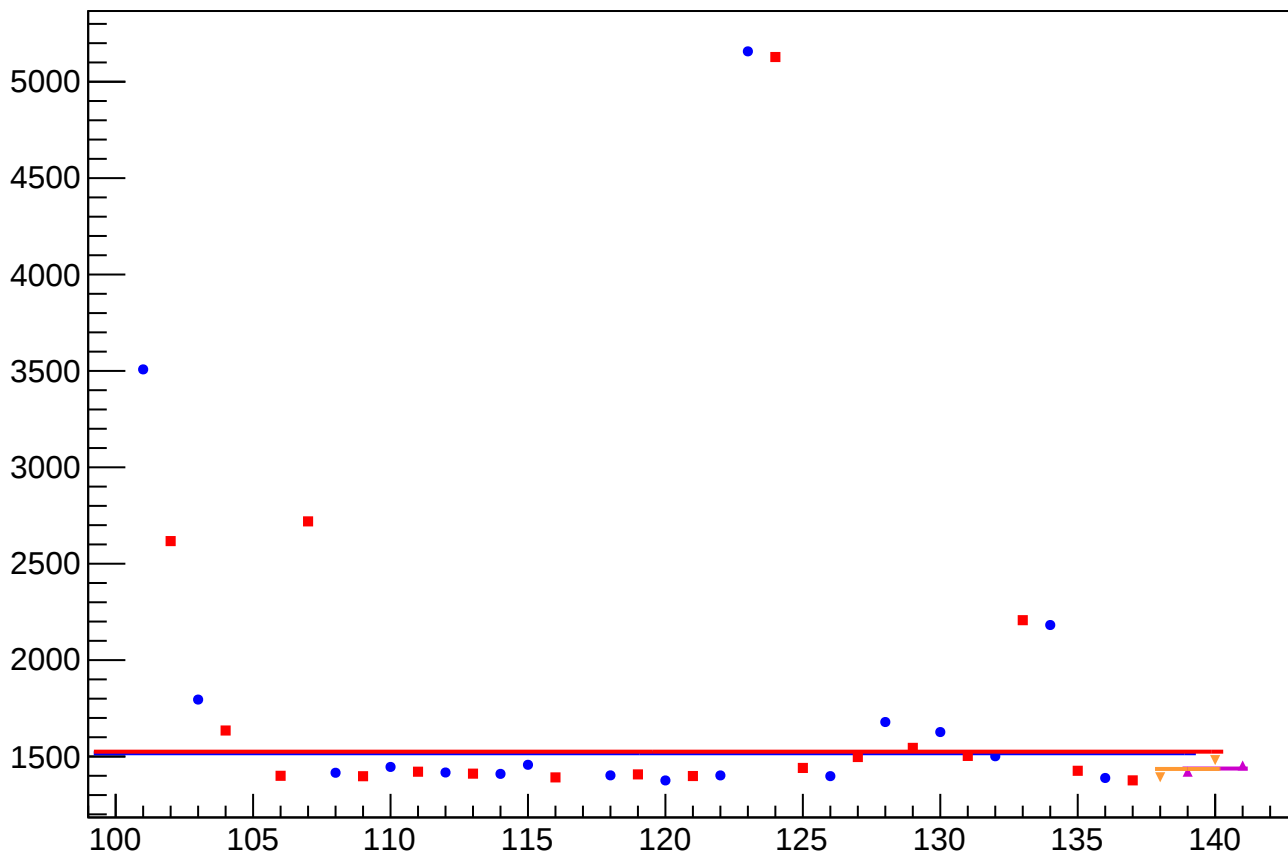
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -1151.968+/-530.102 χ^2/NDF : 14.6/18

Out: -533.710+/-530.722 χ^2/NDF : 11.9/19

All: -843.200+/-375.058 χ^2/NDF : 27.1/38

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1435.457+/-0.824 χ^2/NDF : 2911.2/1

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1437.596+/-0.795 χ^2/NDF : 410.3/1

Left: 1436.565+/-0.572 χ^2/NDF : 3325.0/3

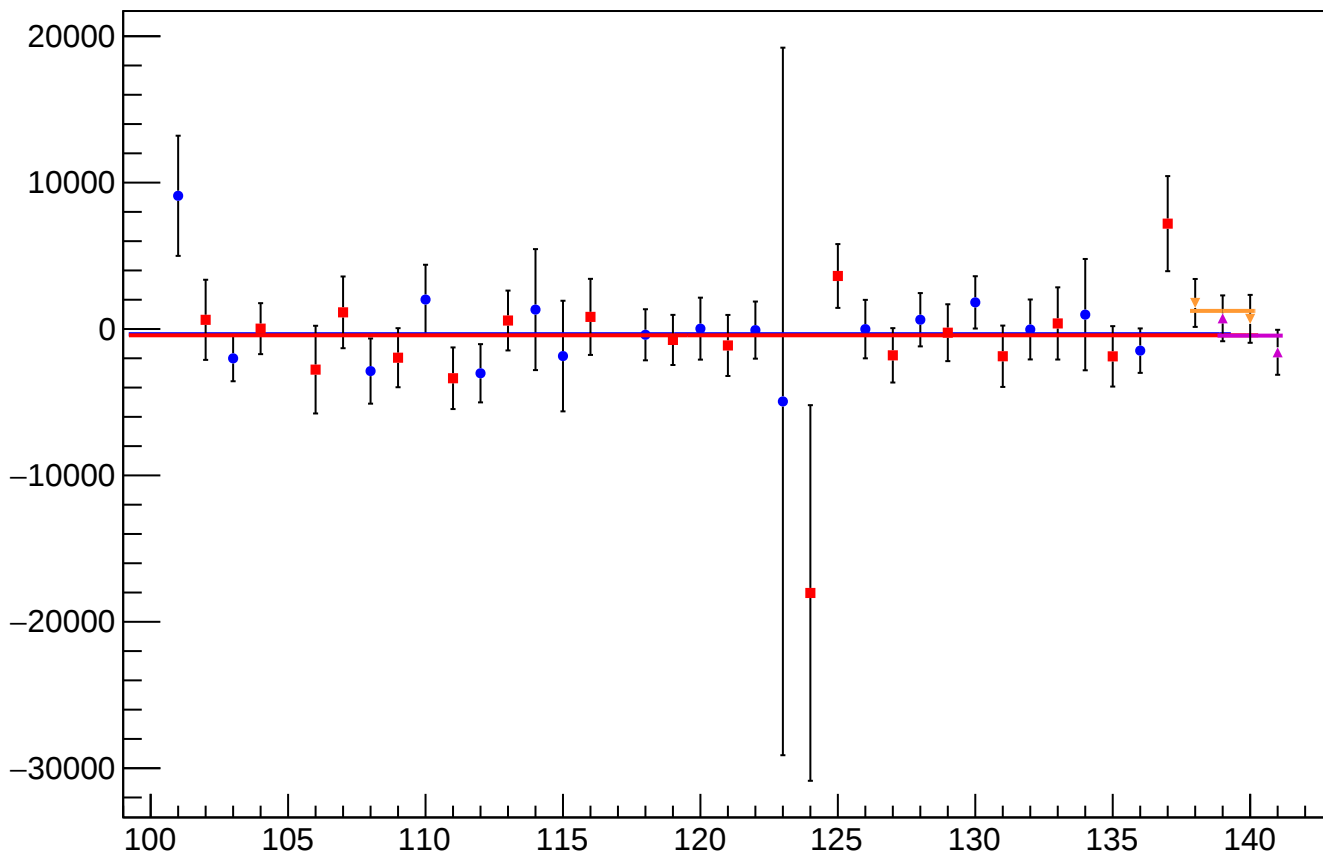
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1499.290+/-0.375 χ^2/NDF : 549197.8/18

Out: 1506.523+/-0.375 χ^2/NDF : 584214.5/19

All: 1502.902+/-0.265 χ^2/NDF : 1133598.3/38

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 1237.281+/-1157.194 χ^2/NDF : 0.2/1

Right Out: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: -451.939+/-1096.353 χ^2/NDF : 1.1/1

Left: 347.099+/-795.878 χ^2/NDF : 2.5/3

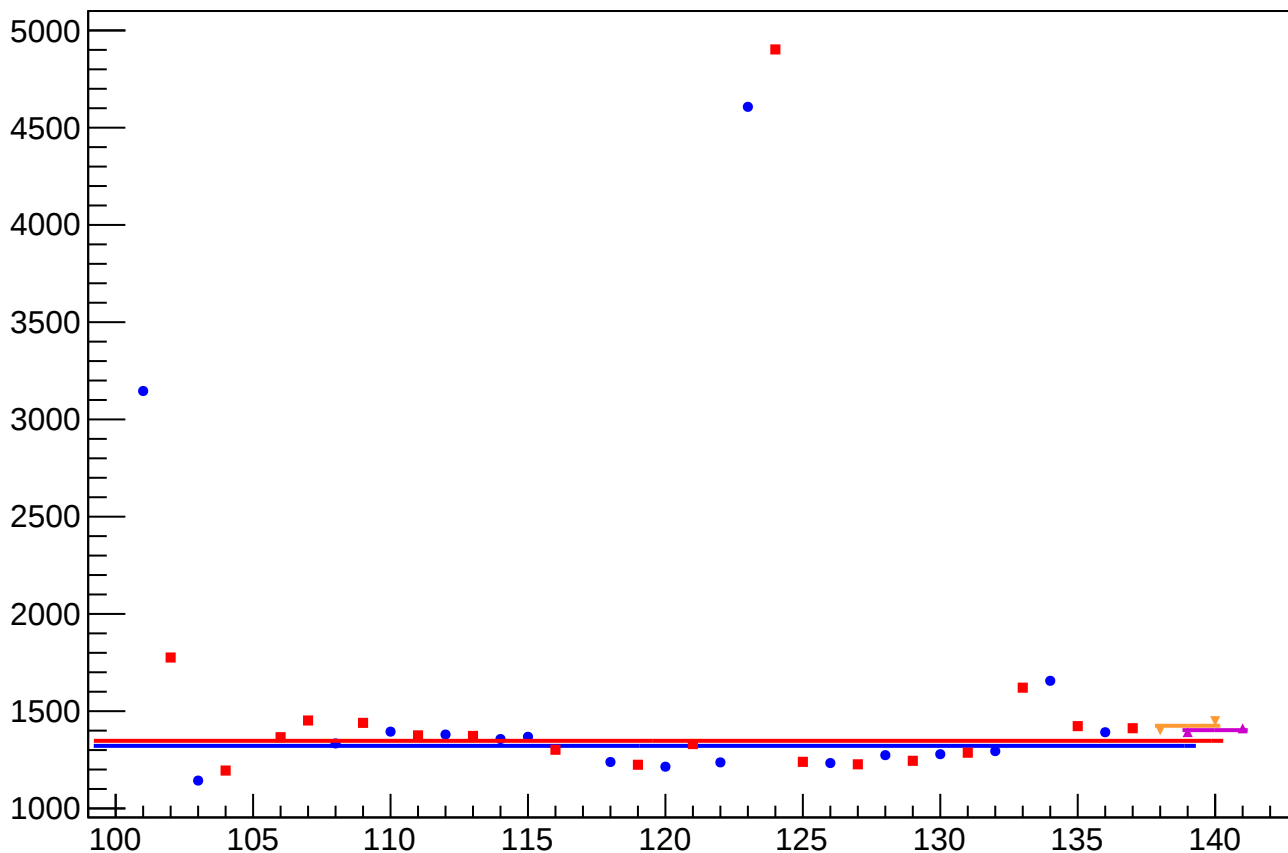
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -371.466+/-472.279 χ^2/NDF : 14.5/18

Out: -147.100+/-476.087 χ^2/NDF : 18.8/19

All: -260.184+/-335.290 χ^2/NDF : 33.4/38

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: 1425.018+/-0.818 χ^2/NDF : 825.5/1

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

Left In: 1402.446+/-0.775 χ^2/NDF : 154.8/1

Left: 1413.123+/-0.563 χ^2/NDF : 1381.3/3

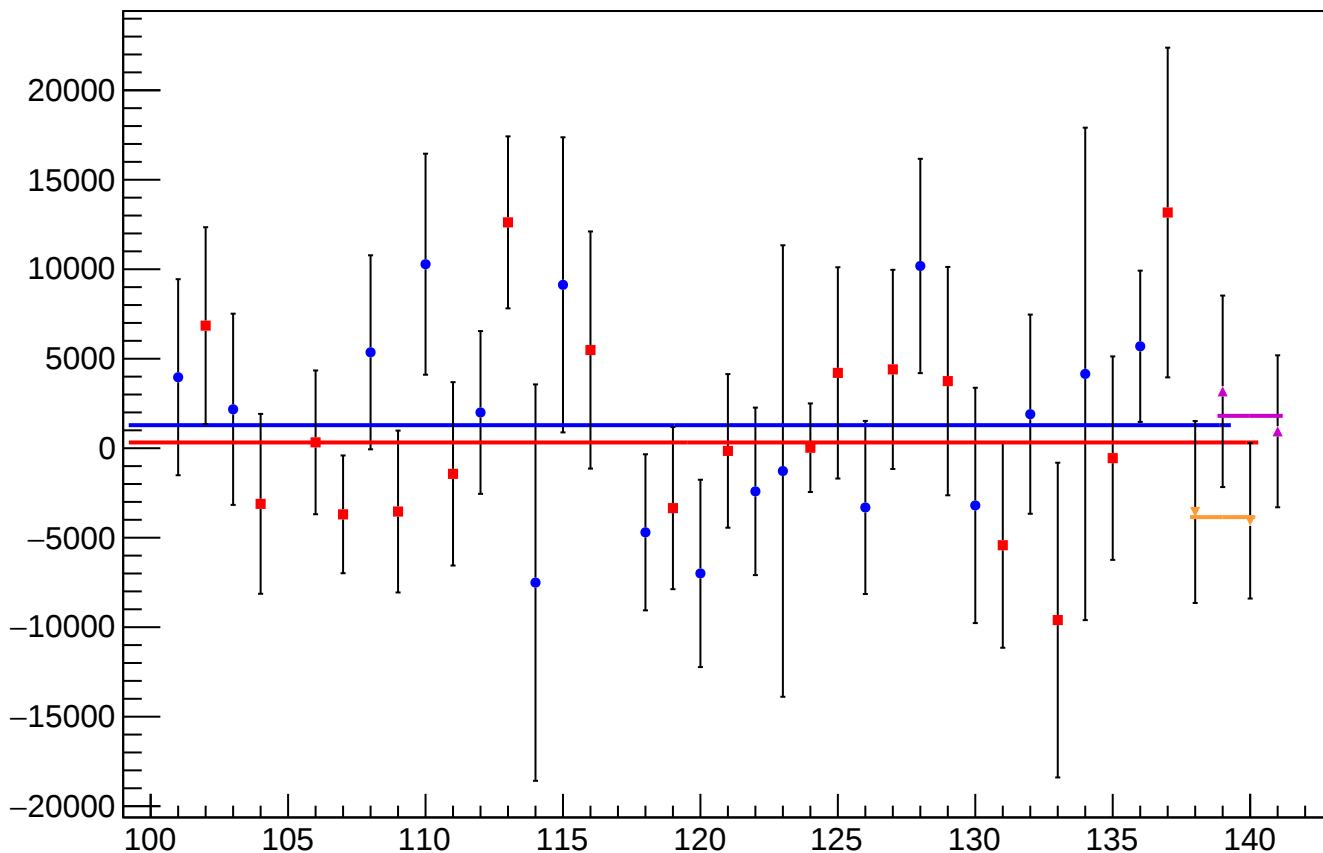
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1336.686+/-0.334 χ^2/NDF : 511235.3/18

Out: 1360.730+/-0.336 χ^2/NDF : 294555.7/19

All: 1348.617+/-0.237 χ^2/NDF : 808363.4/38

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: -3849.926+/-3301.240 χ^2/NDF : 0.0/1

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

Left In: 1808.083+/-3325.658 χ^2/NDF : 0.1/1

Left: -1041.769+/-2342.914 χ^2/NDF : 1.6/3

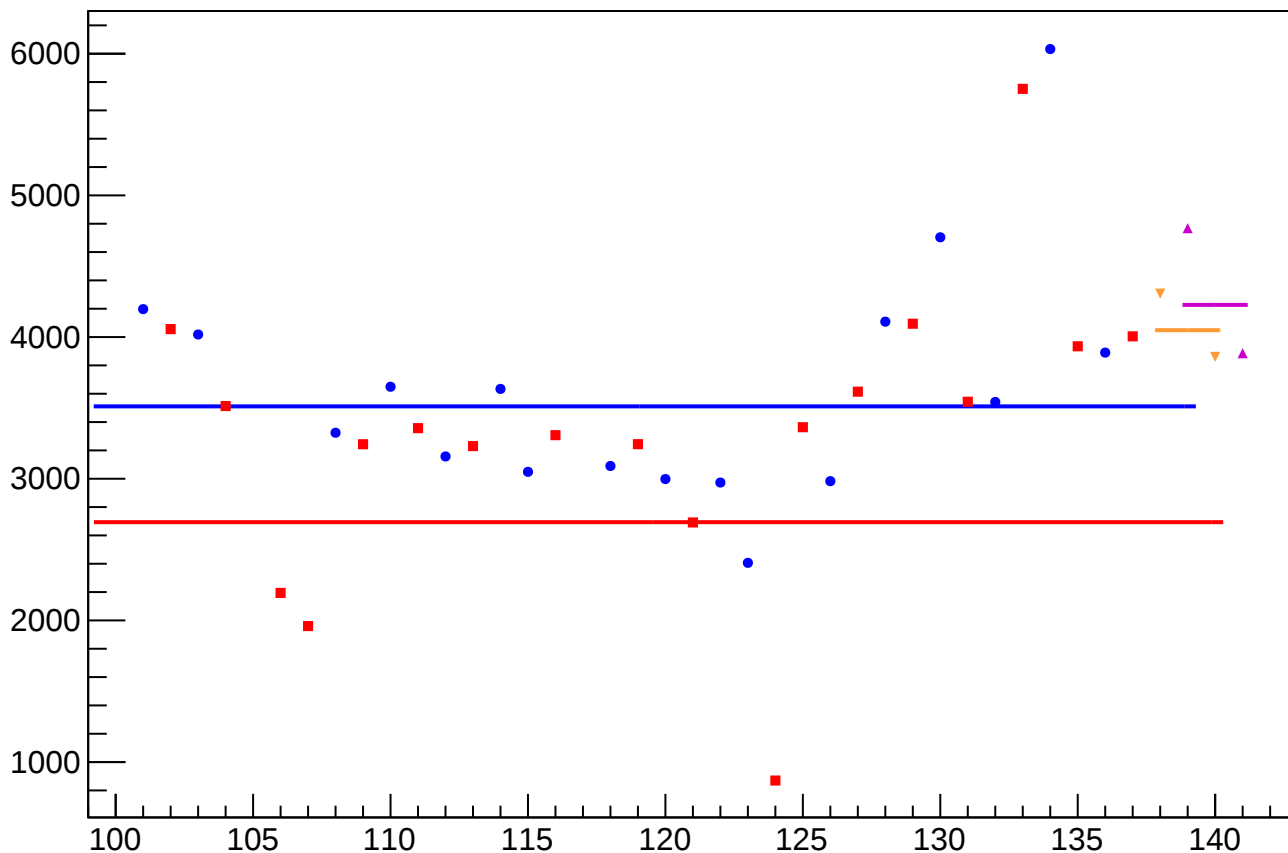
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 1363.574+/-1271.349 χ^2/NDF : 14.4/18

Out: -99.166+/-1048.352 χ^2/NDF : 19.0/19

All: 492.876+/-808.830 χ^2/NDF : 34.2/38

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 4048.459+/-2.334 χ^2/NDF : 8908.4/1

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 4226.972+/-2.352 χ^2/NDF : 33396.6/1

Left: 4137.058+/-1.657 χ^2/NDF : 45207.5/3

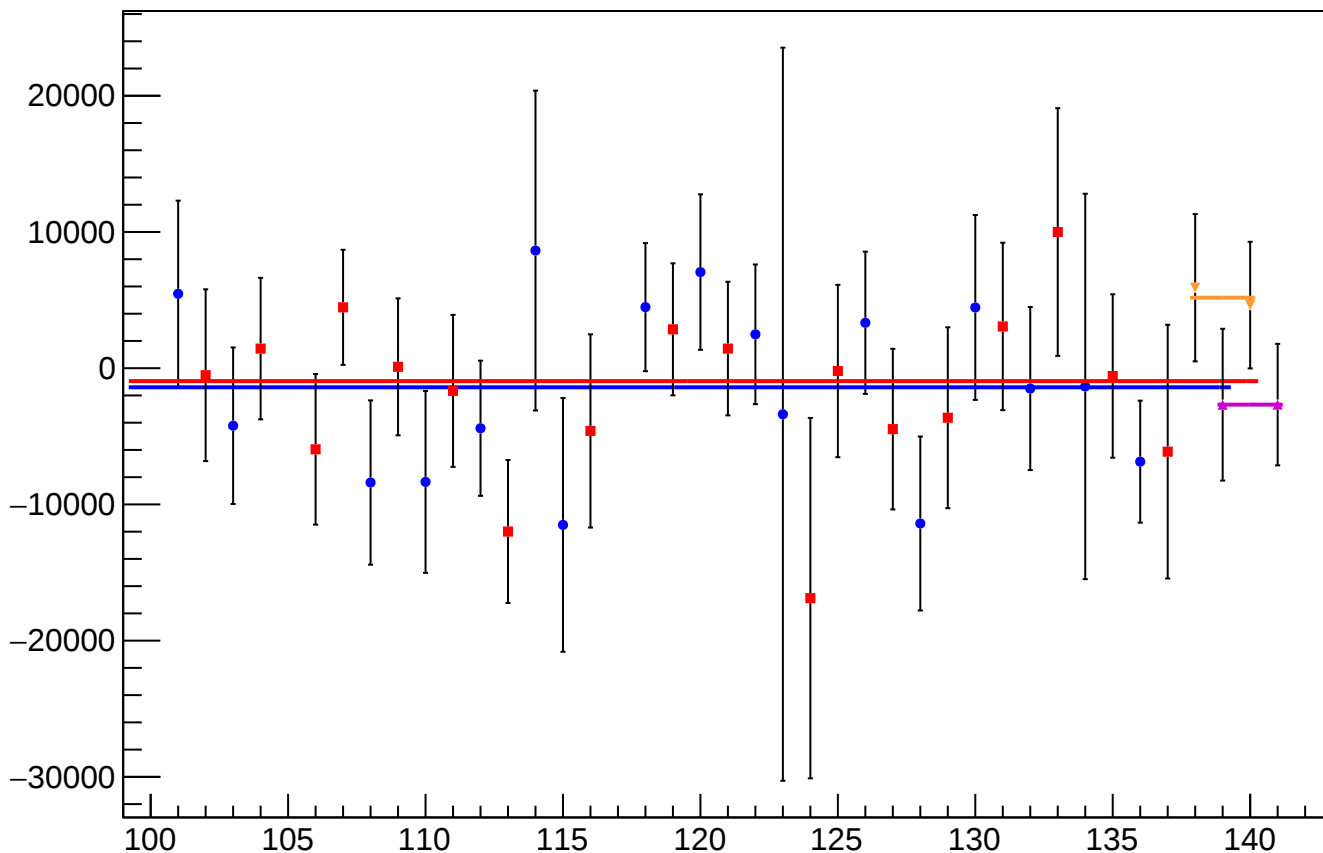
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3615.462+/-0.899 χ^2/NDF : 456645.8/18

Out: 2830.145+/-0.741 χ^2/NDF : 2437693.2/19

All: 3148.001+/-0.572 χ^2/NDF : 3348584.2/38

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 5175.069+/-3524.577 χ^2/NDF : 0.0/1

Right Out: -947.960+/-1382.709 χ^2/NDF : 12.5/17

Left In: -2674.503+/-3481.723 χ^2/NDF : 0.0/1

Left: 1202.272+/-2476.962 χ^2/NDF : 2.5/3

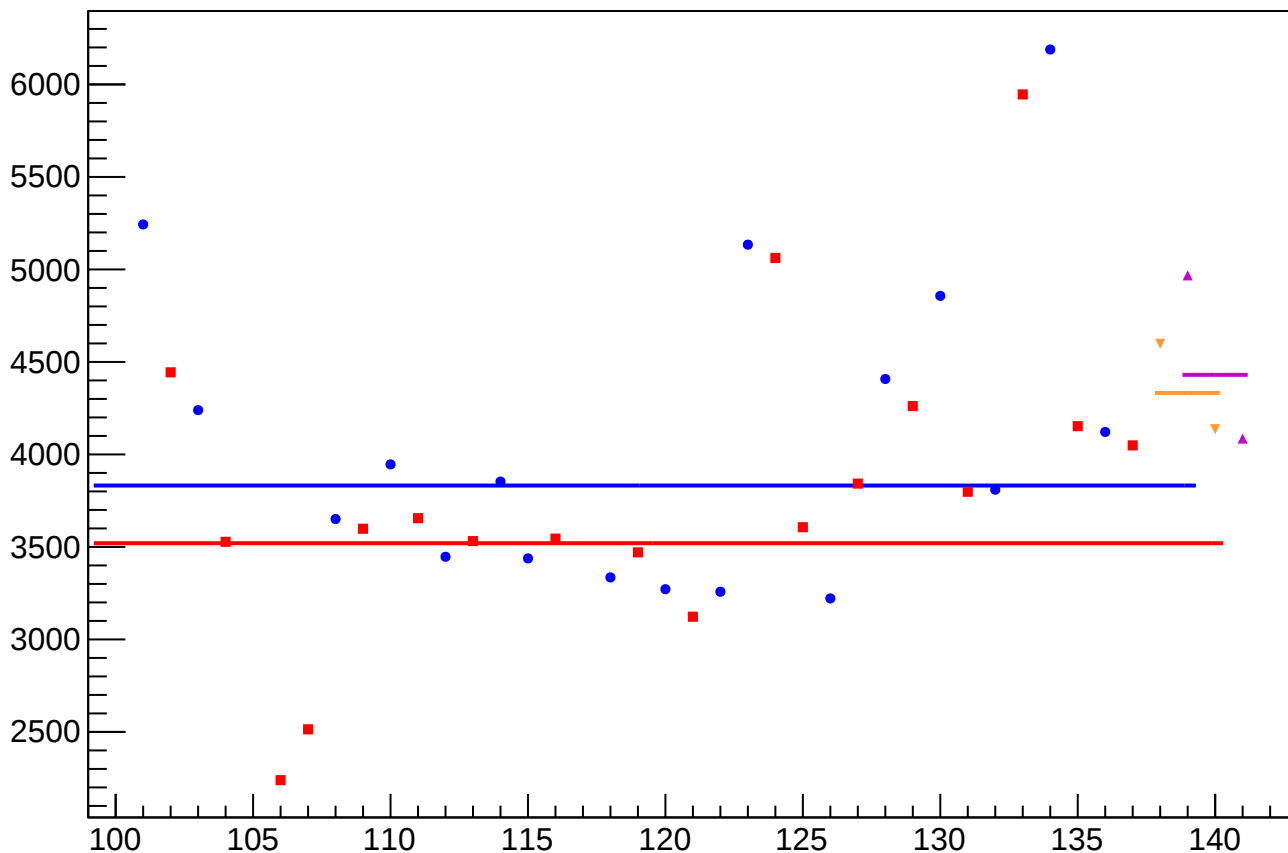
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -1601.670+/-1380.805 χ^2/NDF : 15.9/18

Out: -131.294+/-1287.201 χ^2/NDF : 15.1/19

All: -814.959+/-941.542 χ^2/NDF : 31.6/38

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: 4332.586+/-2.492 χ^2/NDF : 8385.1/1

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

Left In: 4430.246+/-2.462 χ^2/NDF : 30571.6/1

Left: 4382.013+/-1.751 χ^2/NDF : 39733.8/3

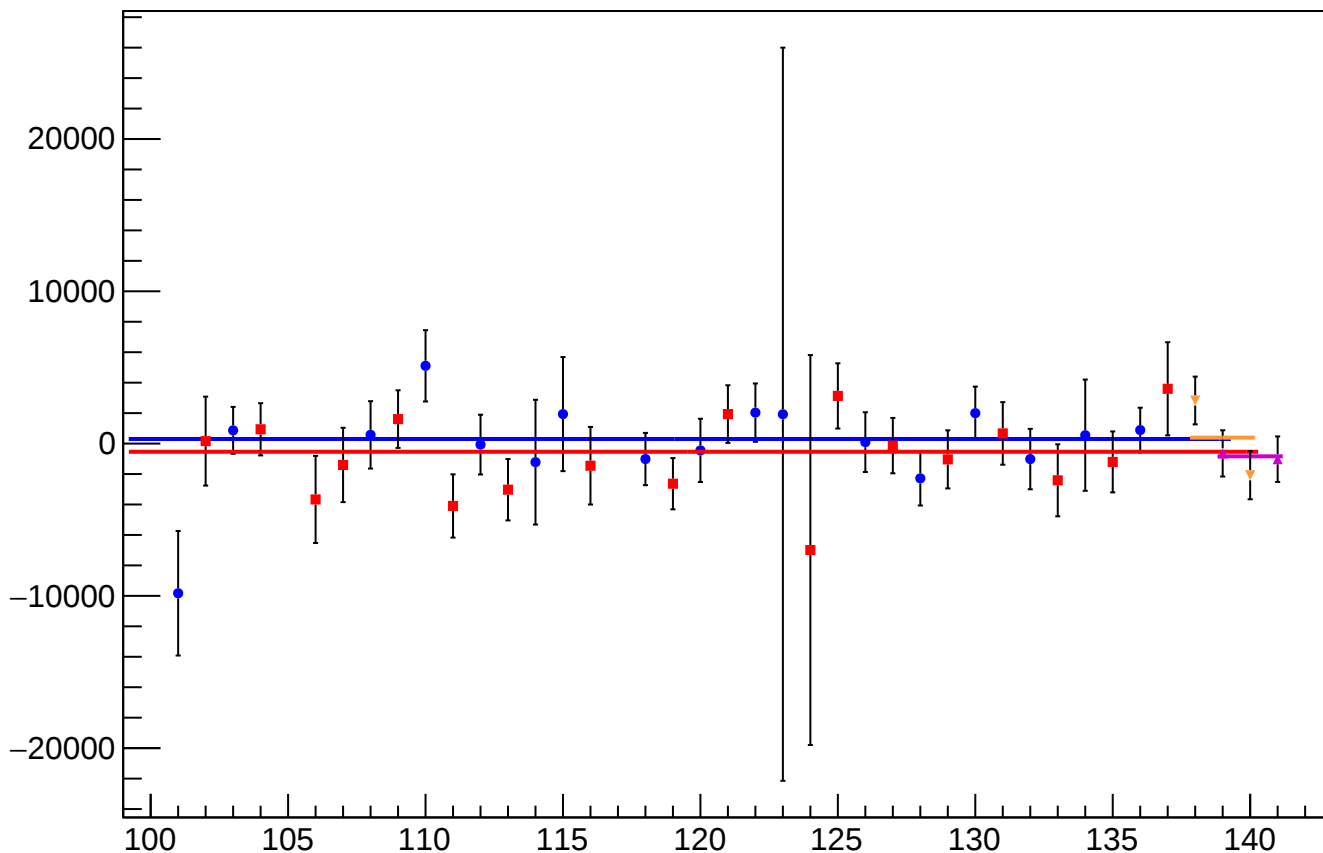
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 3925.936+/-0.976 χ^2/NDF : 418069.7/18

Out: 3626.830+/-0.903 χ^2/NDF : 644837.0/19

All: 3764.720+/-0.663 χ^2/NDF : 1113490.8/38

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: 389.598+/-1112.208 χ^2/NDF : 4.9/1

Right Out: -537.727+/-508.684 χ^2/NDF : 17.5/17

Left In: -837.738+/-1064.815 χ^2/NDF : 0.0/1

Left: -250.776+/-769.147 χ^2/NDF : 5.5/3

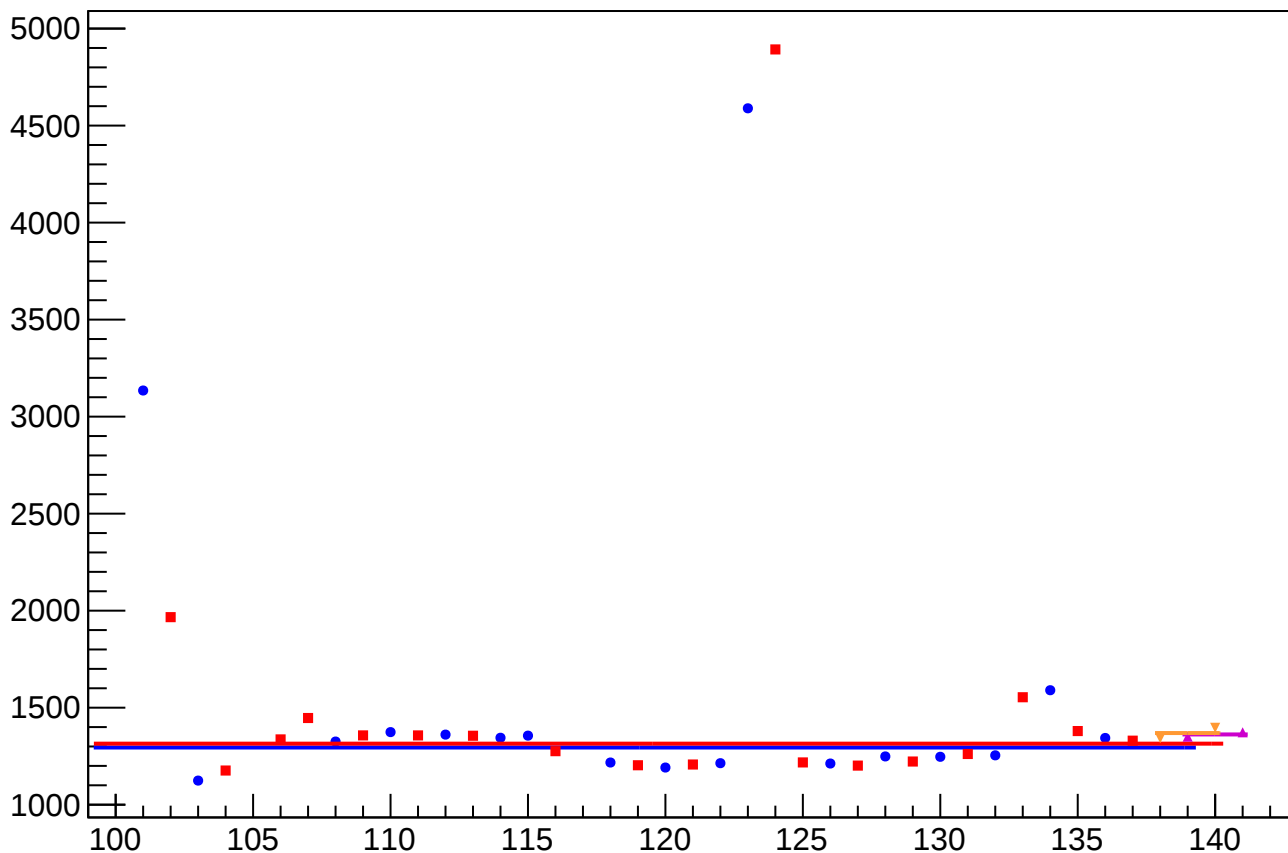
Right: -121.291+/-361.152 χ^2/NDF : 34.9/34

In: 87.381+/-462.040 χ^2/NDF : 17.0/18

Out: -377.305+/-462.597 χ^2/NDF : 22.9/19

All: -144.682+/-326.908 χ^2/NDF : 40.5/38

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1369.283+/-0.786 χ^2/NDF :1168.2/1

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1362.078+/-0.753 χ^2/NDF :223.6/1

Left: 1365.524+/-0.544 χ^2/NDF : 1435.6/3

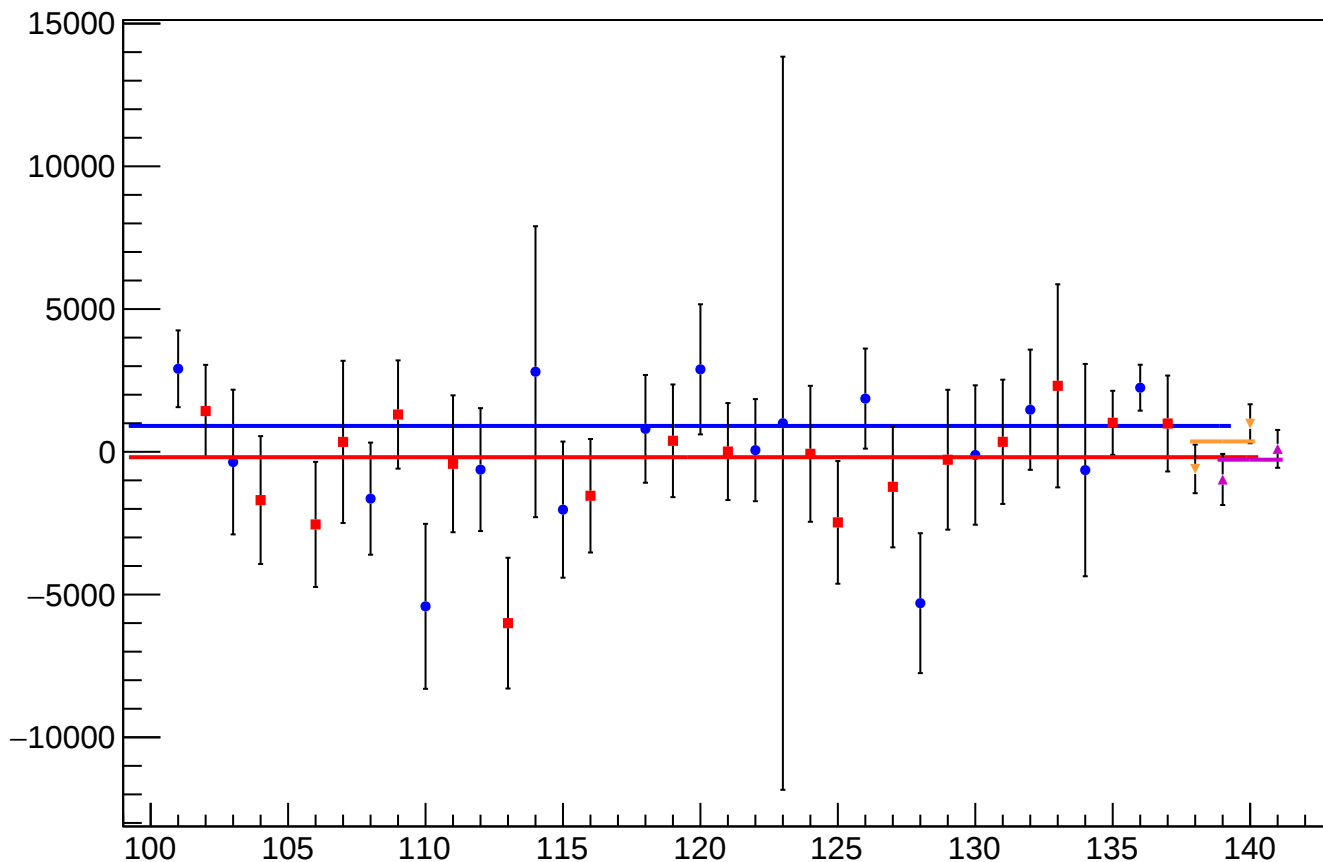
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1307.410+/-0.327 χ^2/NDF :514522.0/18

Out: 1324.050+/-0.327 χ^2/NDF :339006.9/19

All: 1315.720+/-0.231 χ^2/NDF : 854824.4/38

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 363.149+/-532.183 χ^2/NDF : 2.1/1

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -275.880+/-532.756 χ^2/NDF : 0.9/1

Left: 43.978+/-376.513 χ^2/NDF : 3.8/3

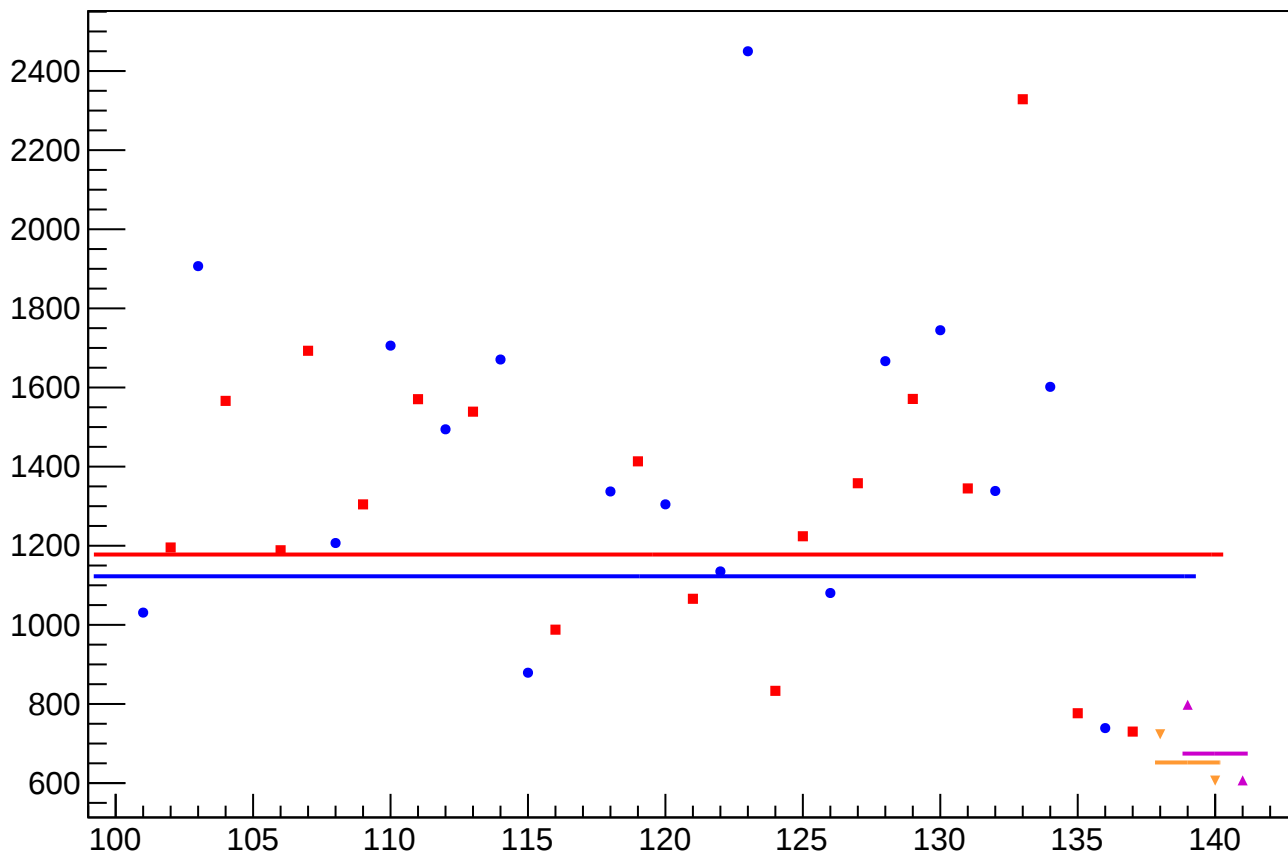
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 406.859+/-346.359 χ^2/NDF : 25.8/18

Out: 50.243+/-349.965 χ^2/NDF : 16.6/19

All: 230.398+/-246.178 χ^2/NDF : 42.8/38

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: 652.145 $\pm$ 0.376 χ^2/NDF :23059.6/1

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

Left In: 674.561 $\pm$ 0.377 χ^2/NDF :58884.8/1

Left: 663.341 $\pm$ 0.266 χ^2/NDF : 83716.6/3

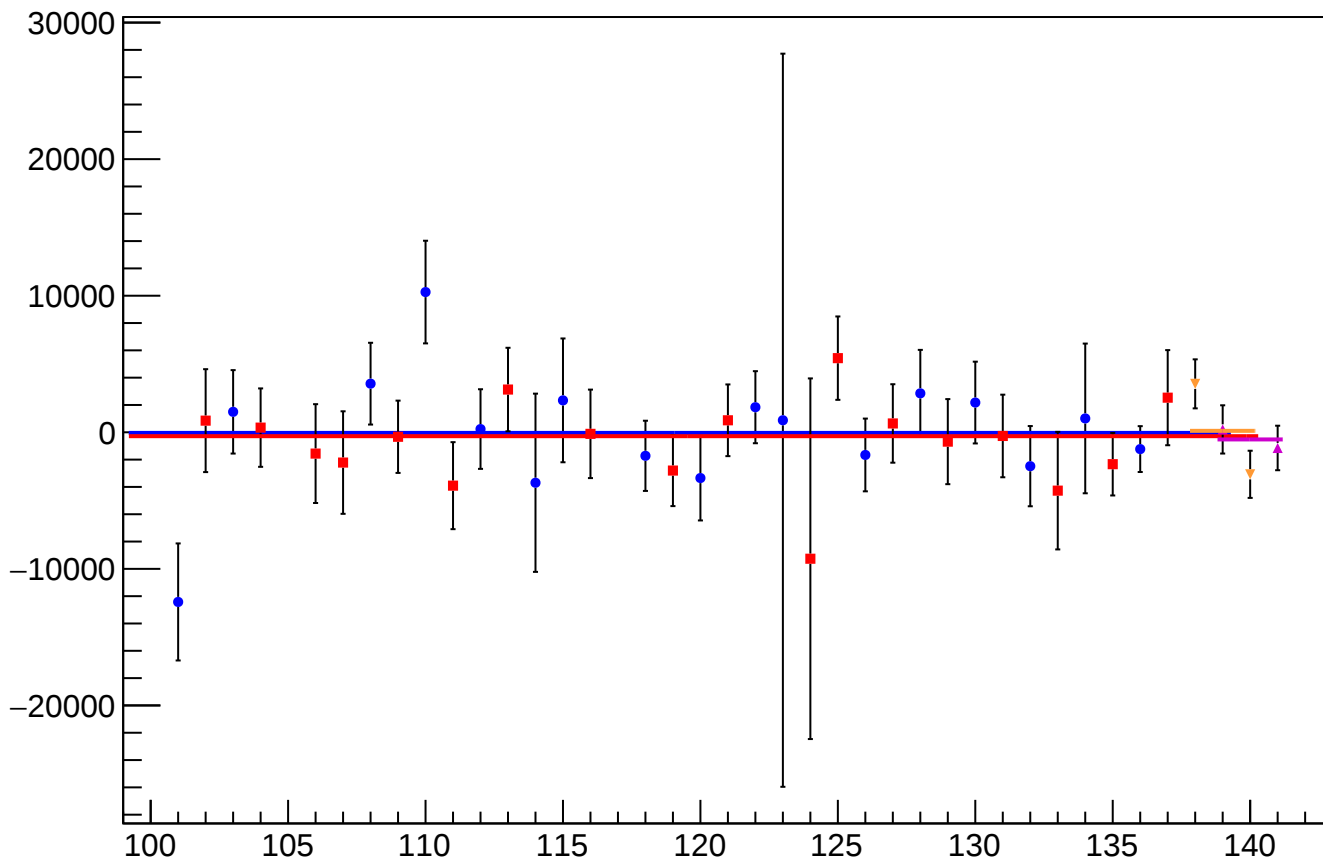
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 933.329 $\pm$ 0.245 χ^2/NDF :2064158.2/18

Out: 950.483 $\pm$ 0.247 χ^2/NDF :2152197.0/19

All: 941.817 $\pm$ 0.174 χ^2/NDF : 4218782.6/38

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: 106.188 ± 1244.254 χ^2/NDF : 7.1/1

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -523.170 ± 1197.843 χ^2/NDF : 0.3/1

Left: -220.447 ± 862.944 χ^2/NDF : 7.5/3

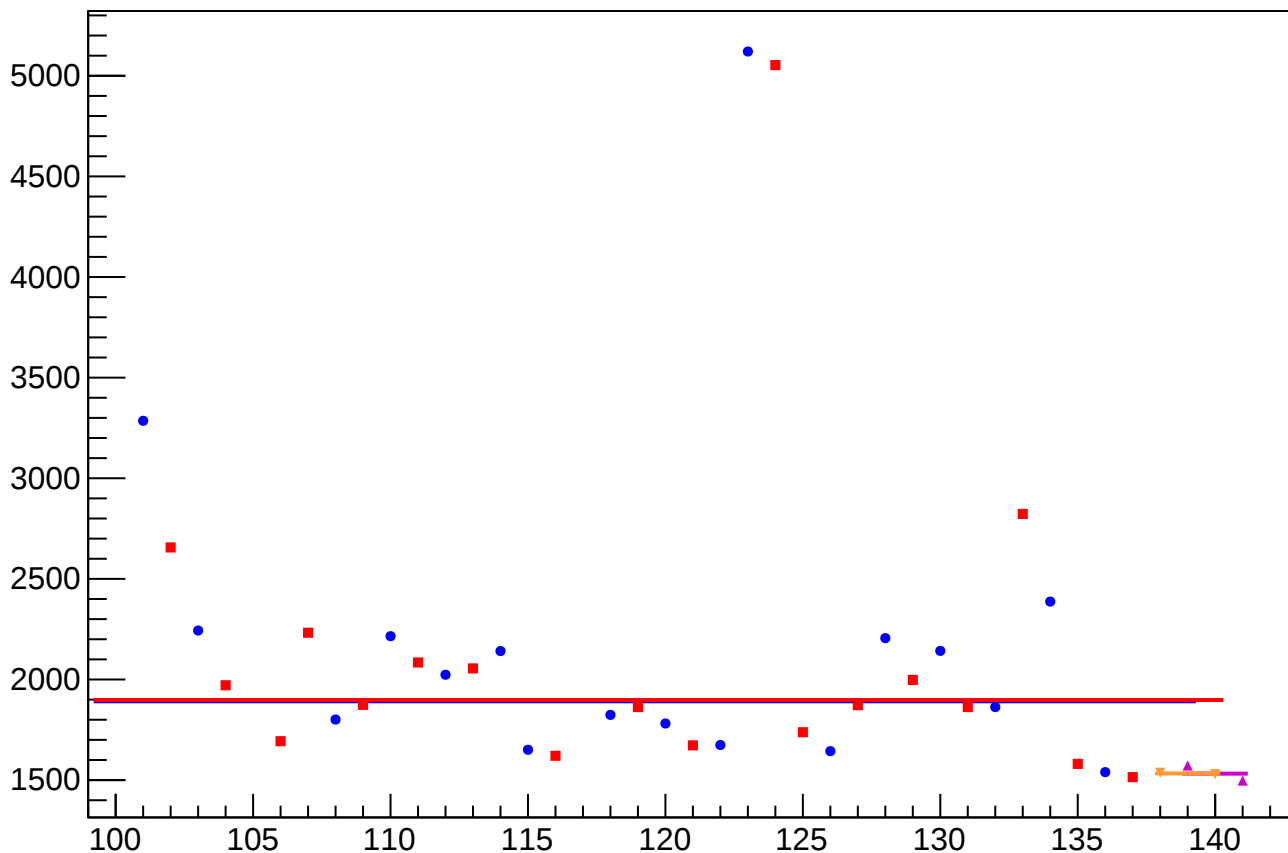
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -178.587 ± 634.207 χ^2/NDF : 23.6/18

Out: -184.004 ± 633.084 χ^2/NDF : 17.8/19

All: -181.301 ± 448.054 χ^2/NDF : 41.4/38

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1533.010+/-0.880 χ^2/NDF : 15.1/1

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1532.177+/-0.847 χ^2/NDF : 1940.8/1

Left: 1532.577+/-0.610 χ^2/NDF : 1956.3/3

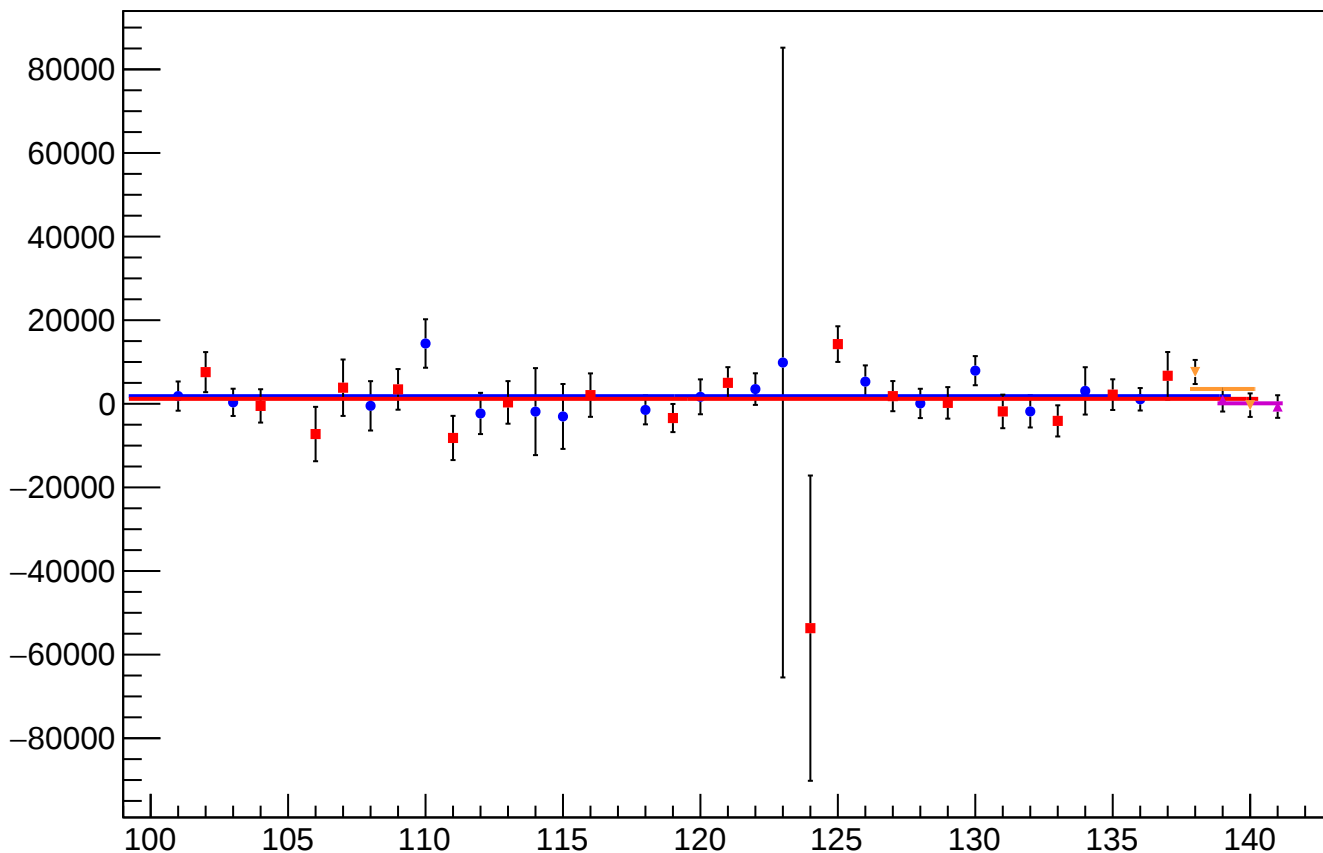
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1790.895+/-0.448 χ^2/NDF : 600670.7/18

Out: 1803.519+/-0.448 χ^2/NDF : 551262.1/19

All: 1797.218+/-0.317 χ^2/NDF : 1152329.8/38

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 3547.015+/-2012.838 χ^2/NDF : 3.9/1

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 113.968+/-1938.510 χ^2/NDF : 0.2/1

Left: 1765.936+/-1396.271 χ^2/NDF : 5.6/3

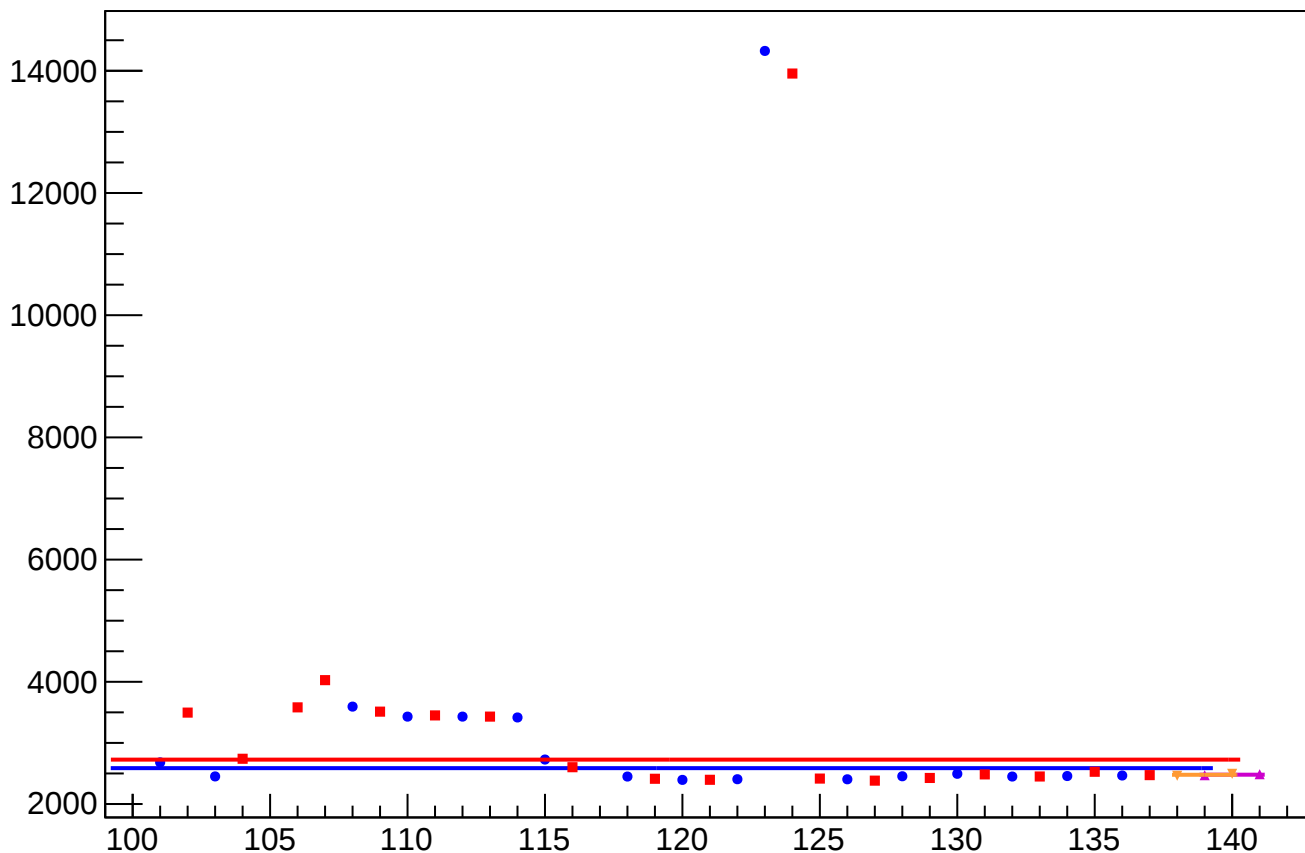
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1459.627+/-895.832 χ^2/NDF : 13.3/18

Out: 1688.477+/-930.895 χ^2/NDF : 30.4/19

All: 1569.661+/-645.489 χ^2/NDF : 43.8/38

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2478.449+/-1.423 χ^2/NDF :125.9/1

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2479.781+/-1.371 χ^2/NDF :35.0/1

Left: 2479.140+/-0.987 χ^2/NDF : 161.4/3

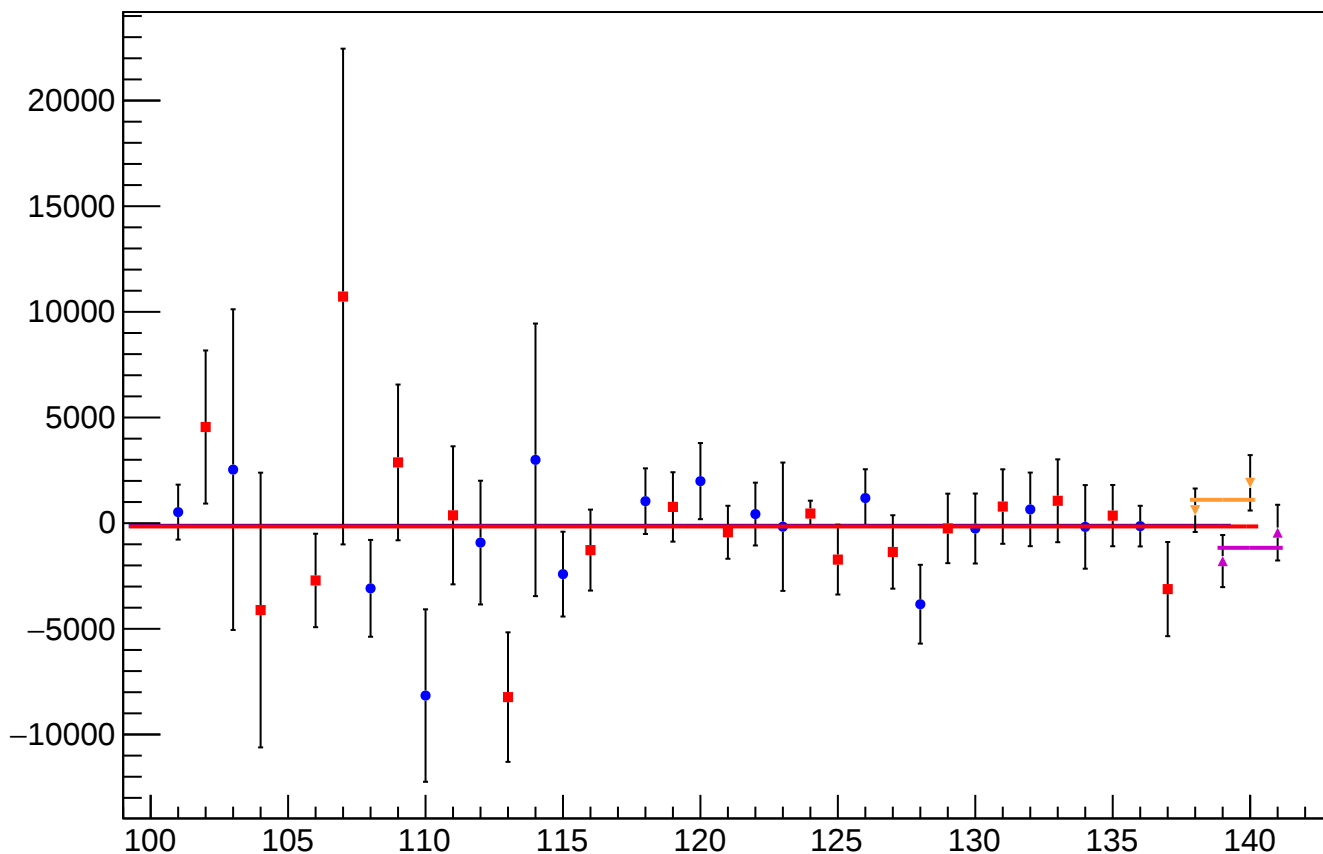
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2564.085+/-0.633 χ^2/NDF :258957.5/18

Out: 2673.411+/-0.658 χ^2/NDF :604844.8/19

All: 2616.651+/-0.456 χ^2/NDF : 878124.1/38

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 1105.974+/-809.486 χ^2/NDF : 0.6/1

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -1166.180+/-900.402 χ^2/NDF : 0.6/1

Left: 90.369+/-601.977 χ^2/NDF : 4.7/3

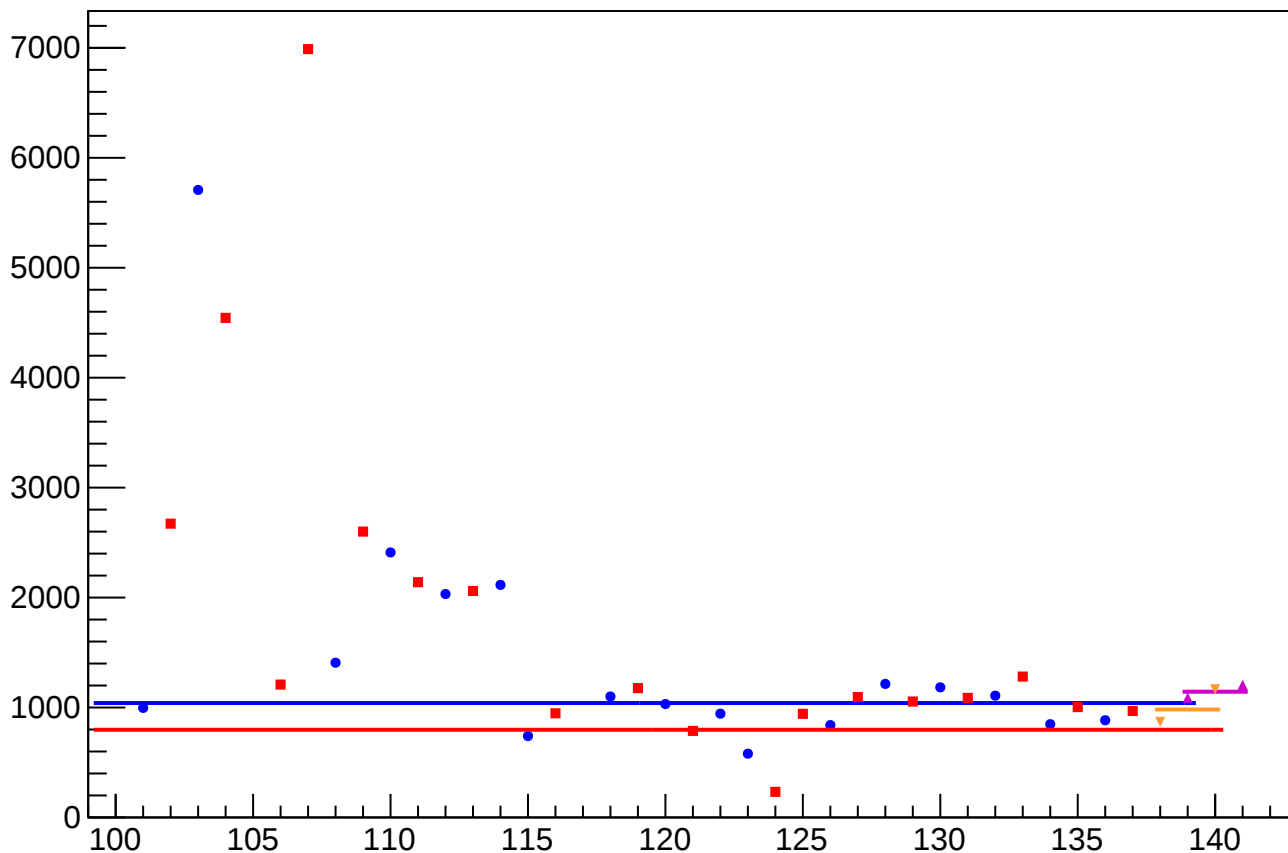
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -318.487+/-388.581 χ^2/NDF : 16.3/18

Out: 73.951+/-344.667 χ^2/NDF : 20.2/19

All: -98.849+/-257.851 χ^2/NDF : 37.1/38

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 982.003+/-0.572 χ^2/NDF : 63511.6/1

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 1143.823+/-0.637 χ^2/NDF : 8419.3/1

Left: 1054.333+/-0.426 χ^2/NDF : 107655.3/3

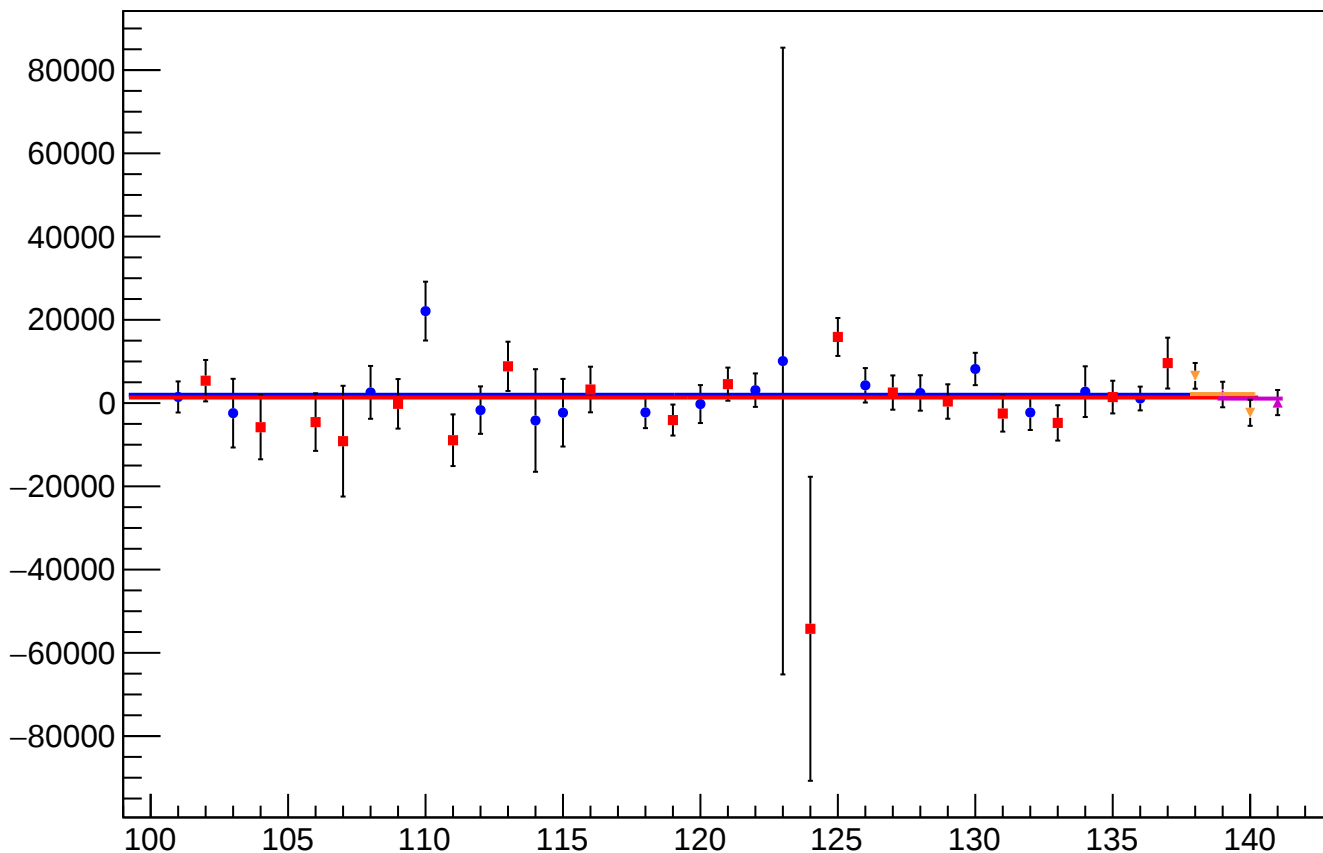
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 1059.955+/-0.275 χ^2/NDF : 1602777.4/18

Out: 831.139+/-0.244 χ^2/NDF : 5322693.8/19

All: 931.892+/-0.182 χ^2/NDF : 7313601.4/38

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 2163.093+/-2201.416 χ^2/NDF : 4.1/1

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1079.210+/-2151.236 χ^2/NDF : 0.2/1

Left: 1608.658+/-1538.588 χ^2/NDF : 4.4/3

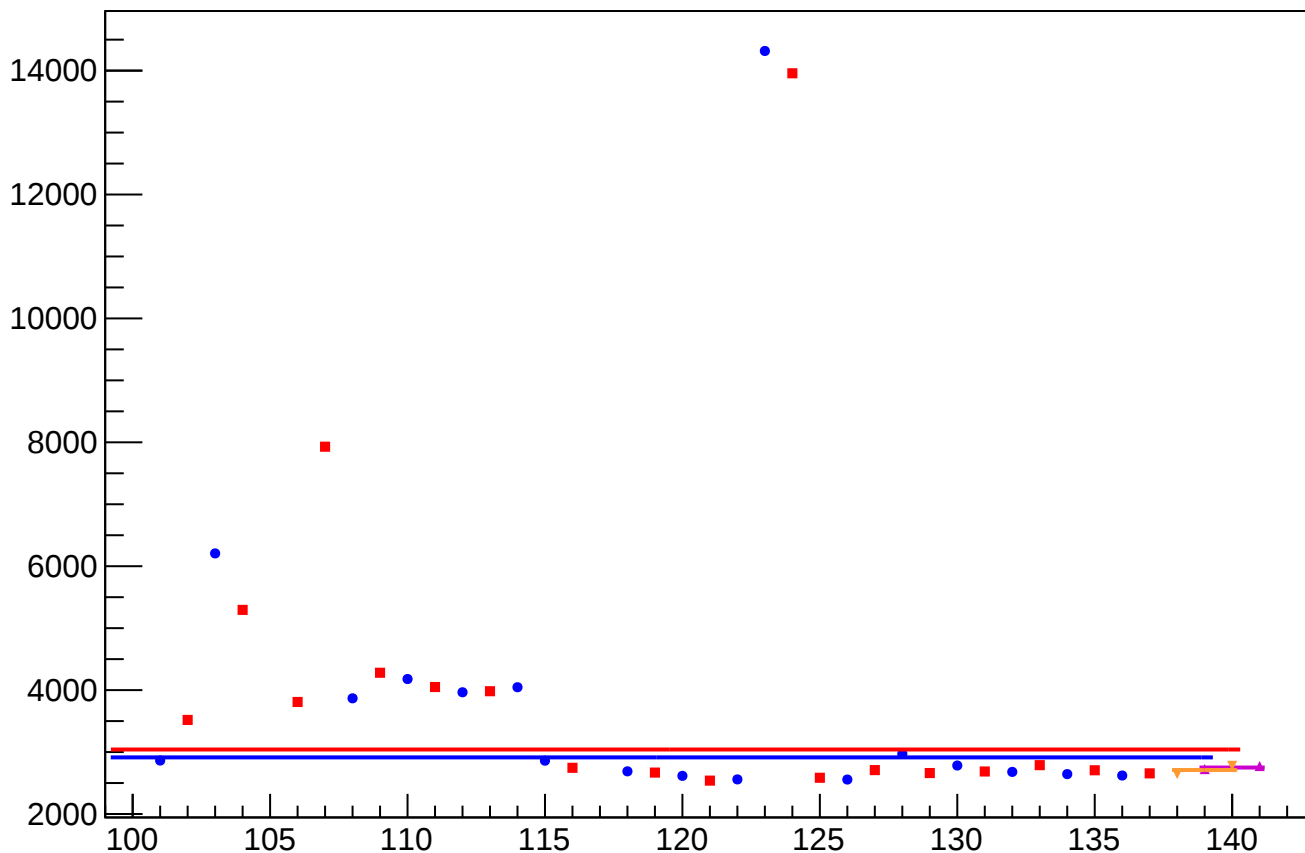
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1791.048+/-1017.644 χ^2/NDF : 15.3/18

Out: 1524.422+/-1049.378 χ^2/NDF : 31.7/19

All: 1661.828+/-730.544 χ^2/NDF : 47.0/38

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2709.947+/-1.557 χ^2/NDF :1857.5/1

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2750.118+/-1.521 χ^2/NDF :263.5/1

Left: 2730.496+/-1.088 χ^2/NDF : 2461.7/3

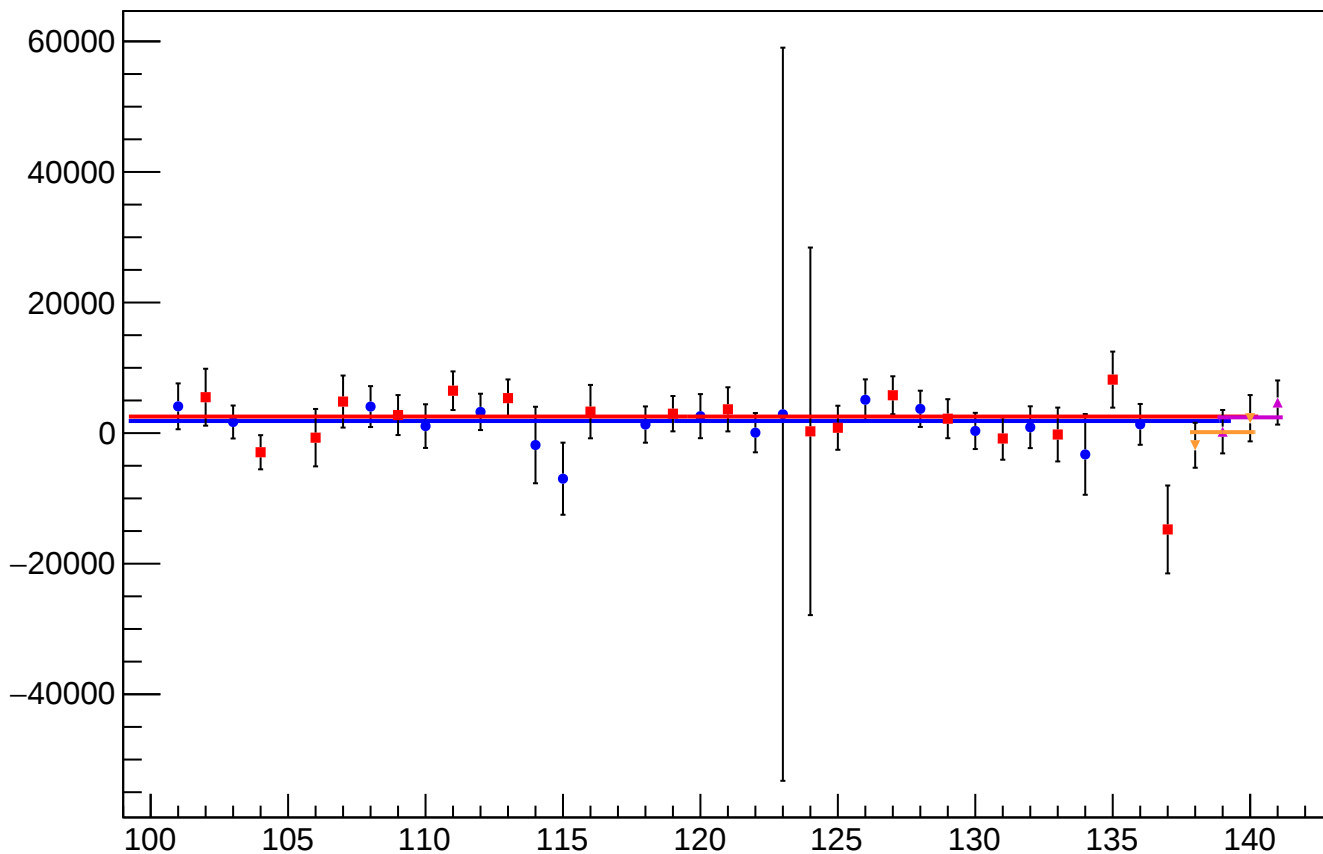
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2877.230+/-0.720 χ^2/NDF :648243.9/18

Out: 2965.952+/-0.742 χ^2/NDF :1040441.0/19

All: 2920.229+/-0.517 χ^2/NDF : 1696052.5/38

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 149.490+/-2470.843 χ^2/NDF : 0.7/1

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2413.780+/-2370.779 χ^2/NDF : 0.9/1

Left: 1328.412+/-1710.675 χ^2/NDF : 2.0/3

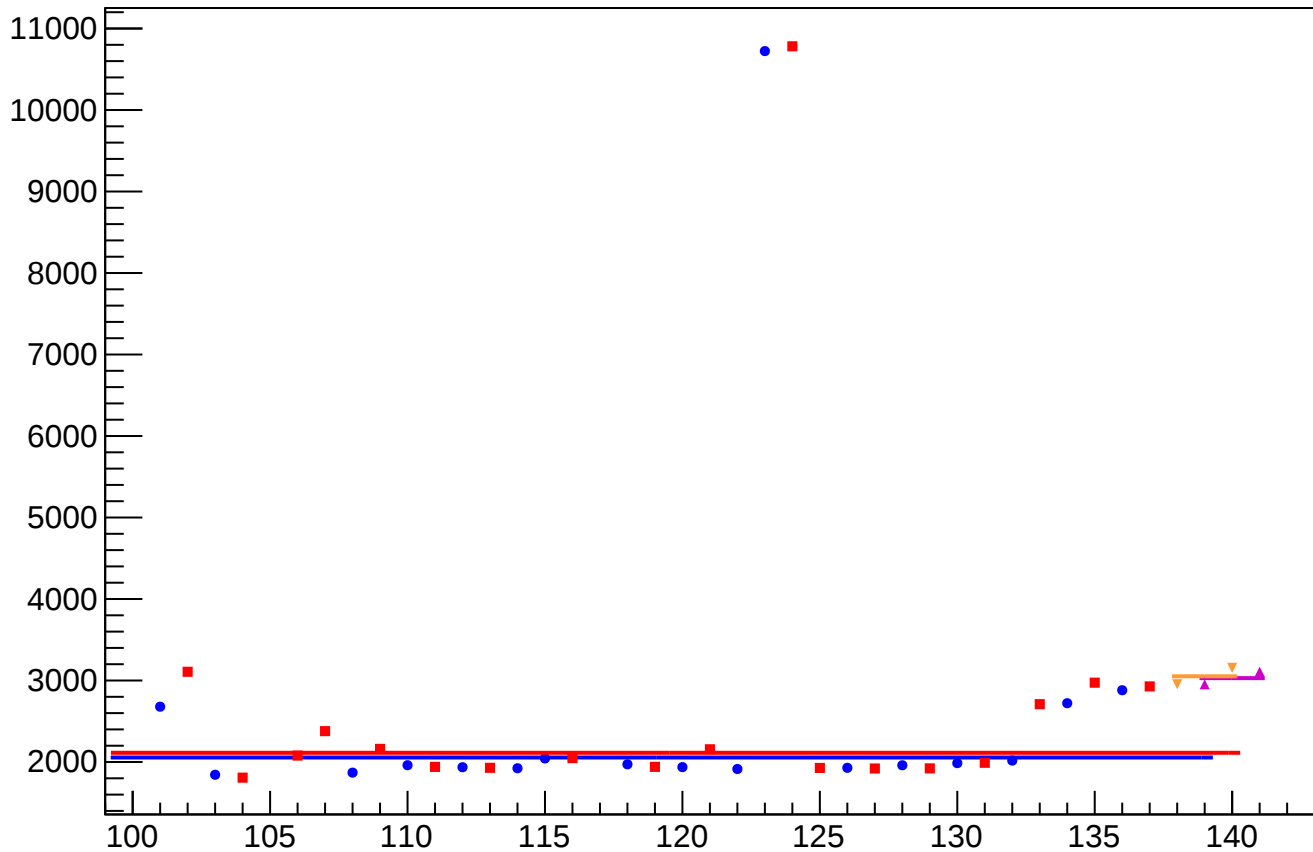
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 1908.593+/-763.750 χ^2/NDF : 8.2/18

Out: 2298.830+/-777.682 χ^2/NDF : 21.6/19

All: 2100.185+/-544.912 χ^2/NDF : 29.9/38

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3051.779+/-1.747 χ^2/NDF : 3315.1/1

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 3029.277+/-1.676 χ^2/NDF : 2108.1/1

Left: 3040.063+/-1.210 χ^2/NDF : 5509.6/3

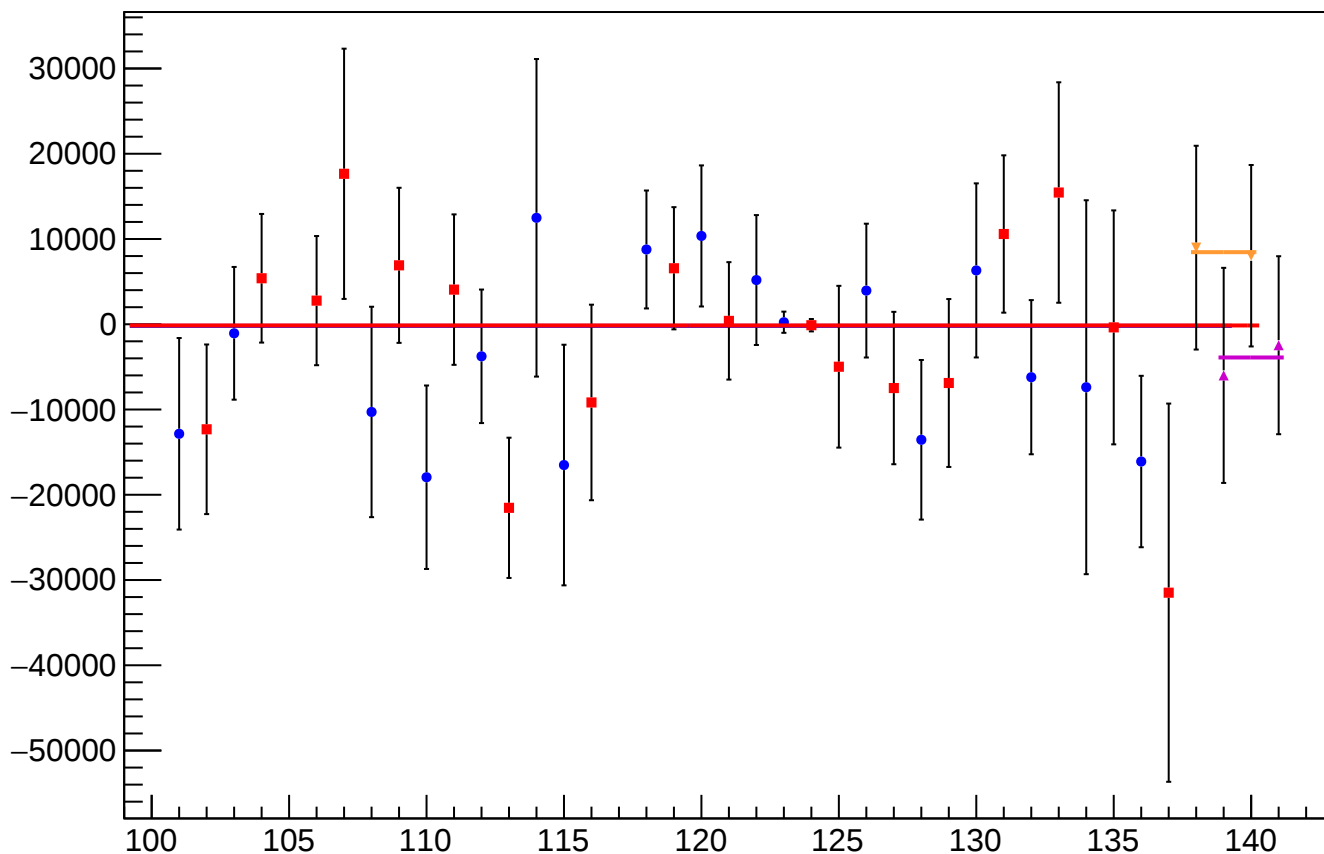
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2156.512+/-0.540 χ^2/NDF : 620923.9/18

Out: 2206.021+/-0.549 χ^2/NDF : 795342.2/19

All: 2180.853+/-0.385 χ^2/NDF : 1420397.9/38

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: 8456.841 ± 7947.502 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -141.935 ± 690.979 $\chi^2/\text{NDF}: 19.0/17$

Left In: -3897.648 ± 8042.463 $\chi^2/\text{NDF}: 0.0/1$

Left: 2352.964 ± 5653.007 $\chi^2/\text{NDF}: 1.2/3$

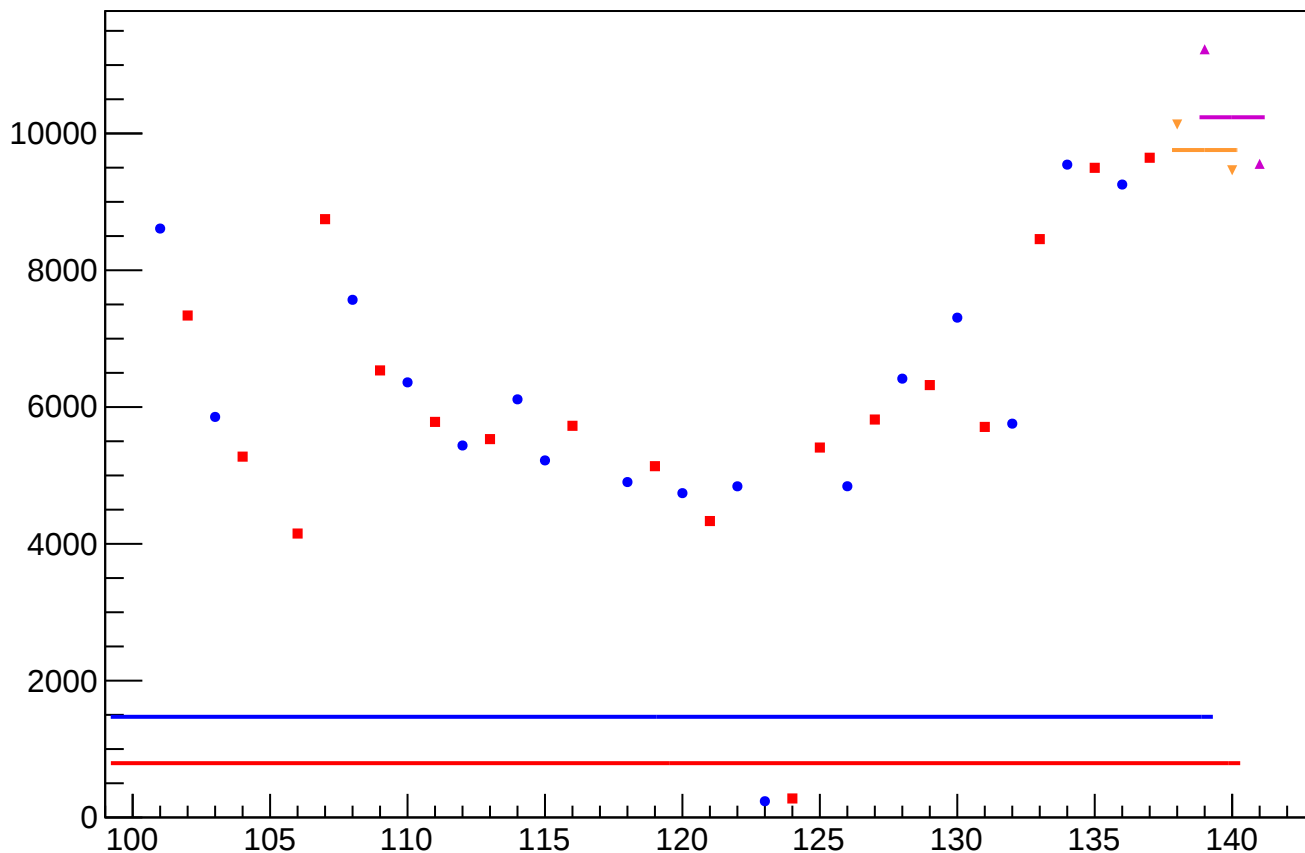
Right: -154.177 ± 585.233 $\chi^2/\text{NDF}: 35.3/34$

In: -253.514 ± 1090.611 $\chi^2/\text{NDF}: 16.6/18$

Out: -77.423 ± 688.382 $\chi^2/\text{NDF}: 20.1/19$

All: -127.591 ± 582.122 $\chi^2/\text{NDF}: 36.8/38$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 9757.820+/-5.620

χ^2/NDF : 3500.5/1

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 10236.904+/-5.687

χ^2/NDF : 20933.3/1

Left: 9994.517+/-3.997

χ^2/NDF : 28024.4/3

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 1632.795+/-0.771

χ^2/NDF : 12141166.2/18

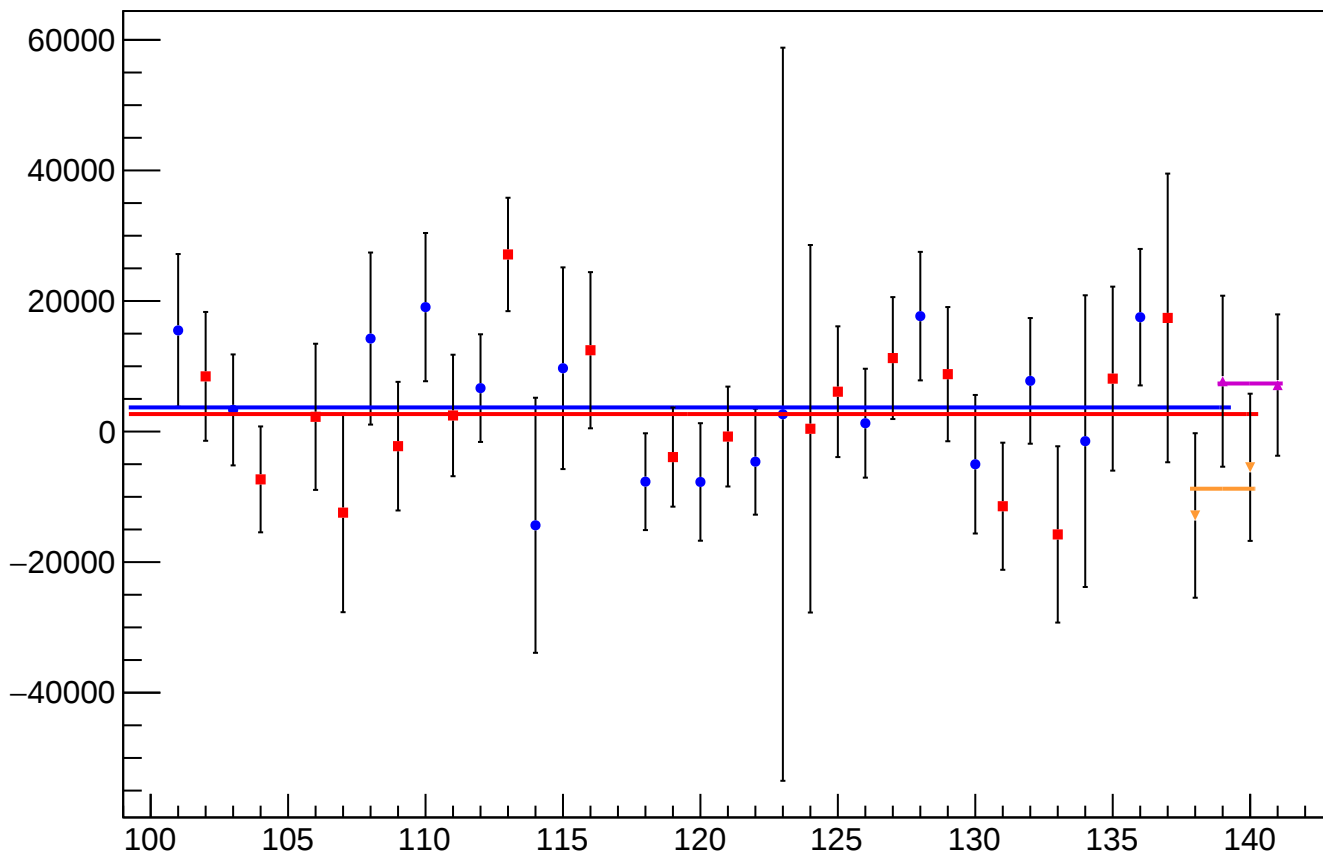
Out: 860.912+/-0.487

χ^2/NDF : 13951411.4/19

All: 1080.819+/-0.412

χ^2/NDF : 26808988.1/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -8756.731+/-8402.540 χ^2/NDF : 0.2/1

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 7361.820+/-8345.251 χ^2/NDF : 0.0/1

Left: -642.320+/-5921.134 χ^2/NDF : 2.0/3

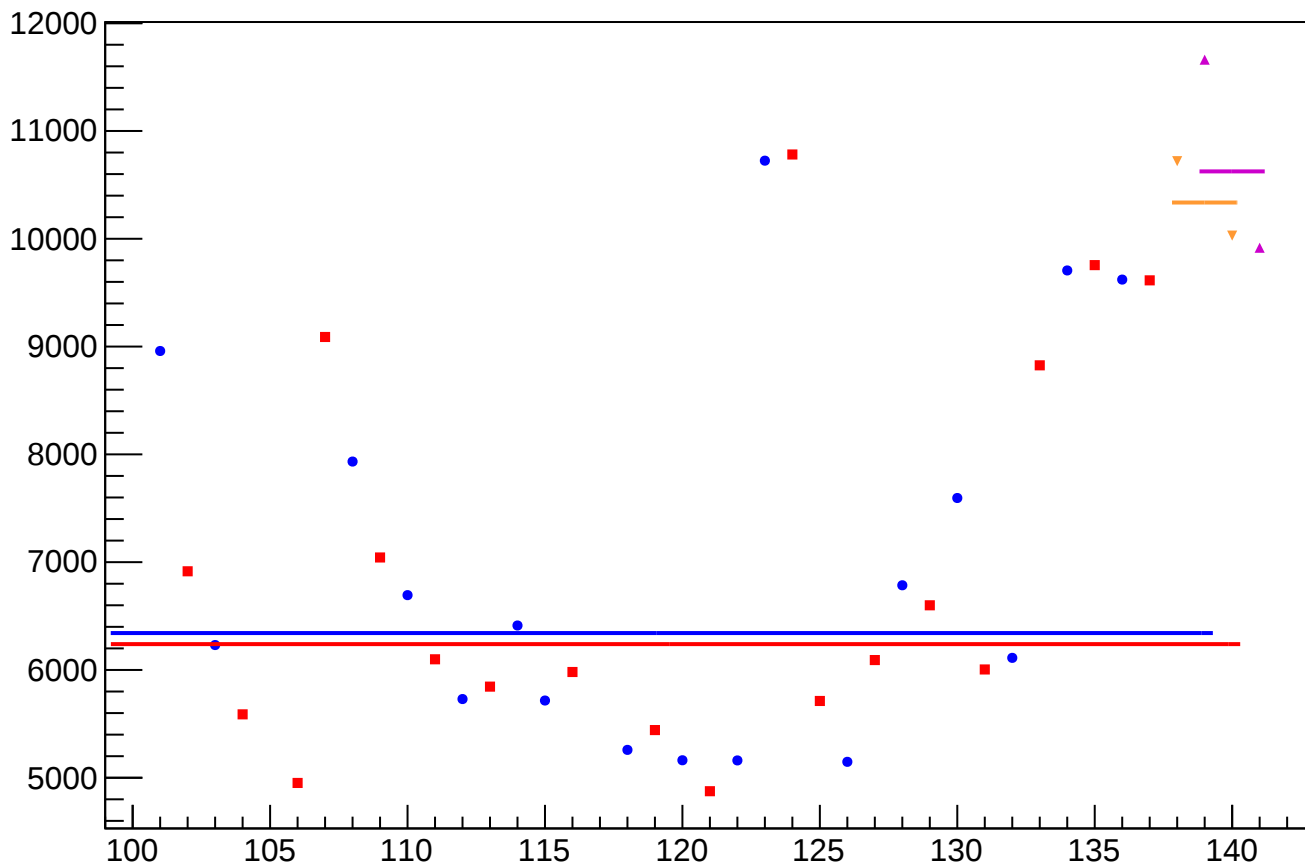
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 4004.113+/-2410.612 χ^2/NDF : 14.6/18

Out: 1797.735+/-2333.144 χ^2/NDF : 20.4/19

All: 2864.903+/-1676.500 χ^2/NDF : 35.4/38

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10336.293+/-5.941 χ^2/NDF : 3335.4/1

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10625.001+/-5.901 χ^2/NDF : 21077.6/1

Left: 10481.635+/-4.187 χ^2/NDF : 25601.7/3

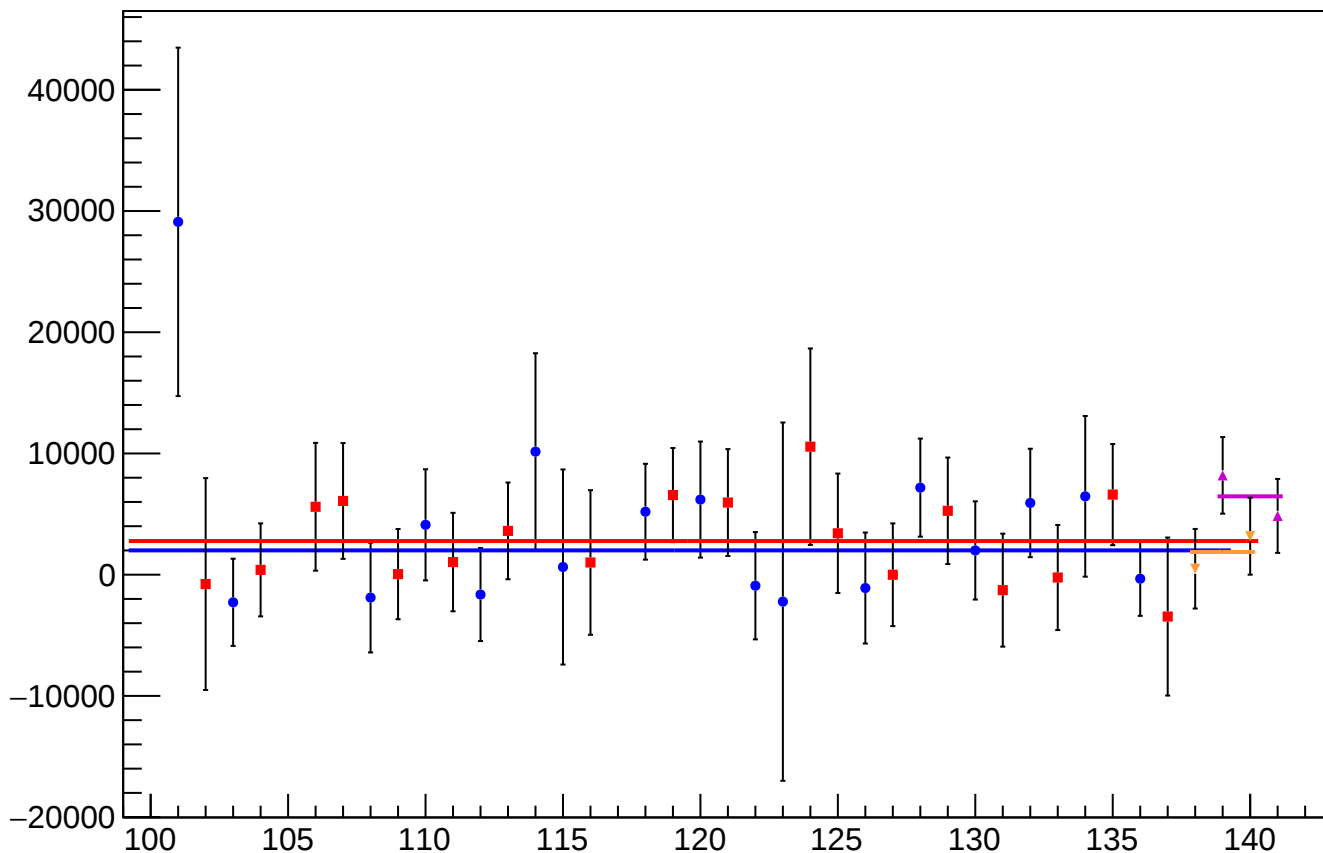
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 6699.671+/-1.705 χ^2/NDF : 1097519.0/18

Out: 6555.550+/-1.650 χ^2/NDF : 971317.9/19

All: 6625.255+/-1.185 χ^2/NDF : 2072528.2/38

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 ± 1125.432 $\chi^2/\text{NDF}: 13.7/16$

Left Out: 1877.253 ± 2282.379 $\chi^2/\text{NDF}: 0.3/1$

Right Out: 2776.042 ± 1086.812 $\chi^2/\text{NDF}: 8.3/17$

Left In: 6462.666 ± 2194.608 $\chi^2/\text{NDF}: 0.6/1$

Left: 4259.821 ± 1581.942 $\chi^2/\text{NDF}: 3.0/3$

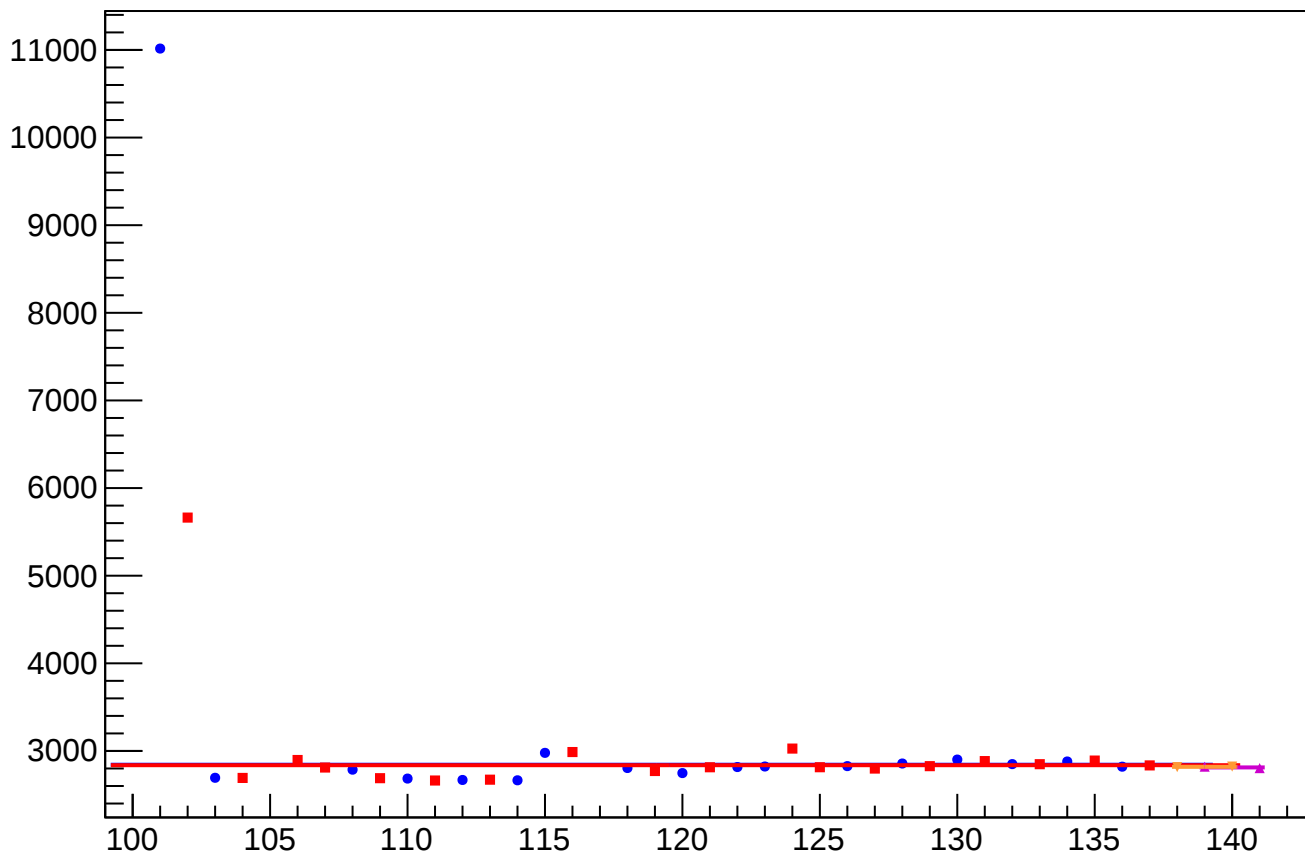
Right: 2403.779 ± 781.789 $\chi^2/\text{NDF}: 22.3/34$

In: 2932.861 ± 1001.430 $\chi^2/\text{NDF}: 17.5/18$

Out: 2609.916 ± 981.245 $\chi^2/\text{NDF}: 8.8/19$

All: 2768.101 ± 700.873 $\chi^2/\text{NDF}: 26.4/38$

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2818.678+/-1.614 χ^2/NDF : 3.6/1

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2812.087+/-1.552 χ^2/NDF : 29.0/1

Left: 2815.253+/-1.119 χ^2/NDF : 41.3/3

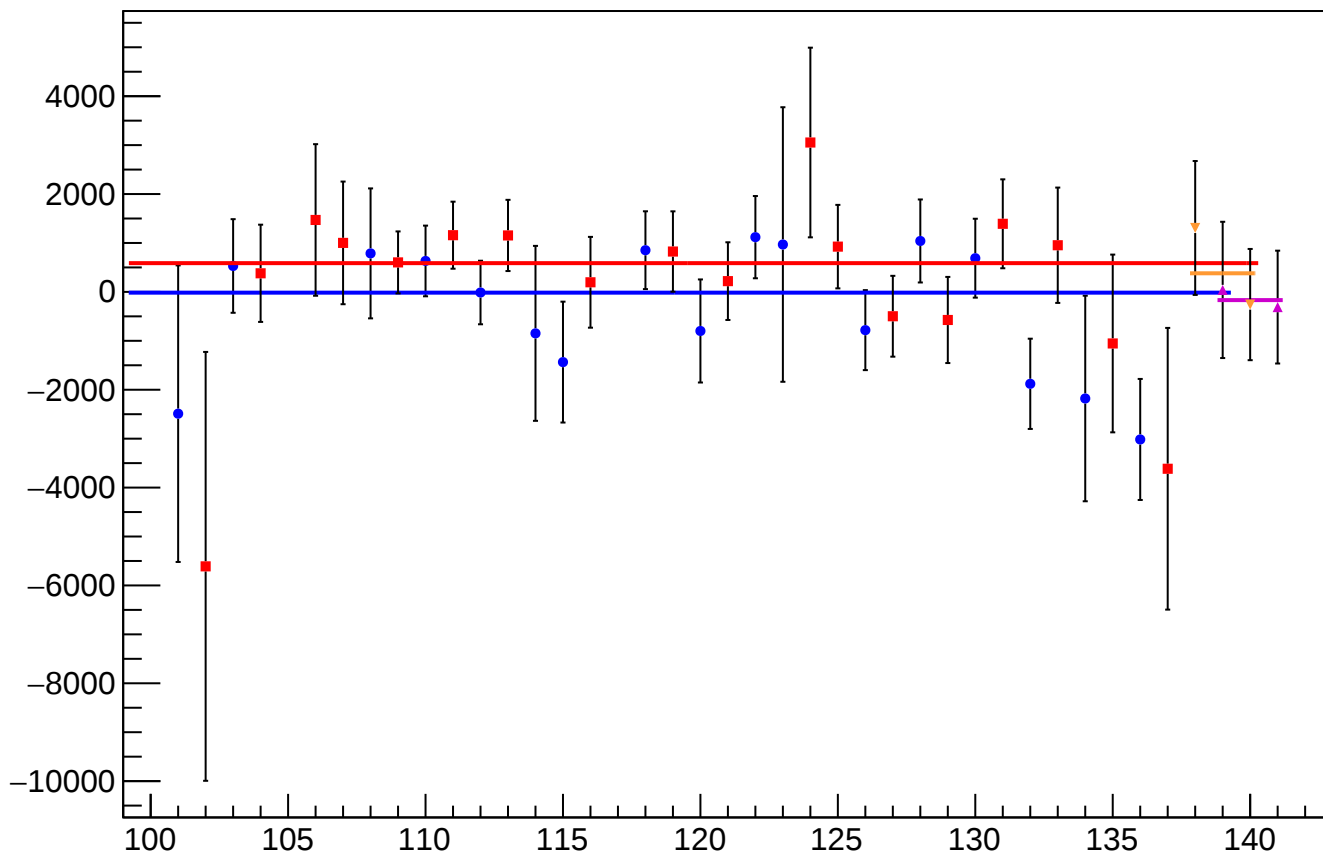
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2836.269+/-0.708 χ^2/NDF : 660640.8/18

Out: 2833.971+/-0.694 χ^2/NDF : 226535.7/19

All: 2835.097+/-0.496 χ^2/NDF : 887181.9/38

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: 380.089 ± 874.409 χ^2/NDF : 0.8/1

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: -167.898 ± 888.211 χ^2/NDF : 0.0/1

Left: 110.386 ± 623.123 χ^2/NDF : 1.0/3

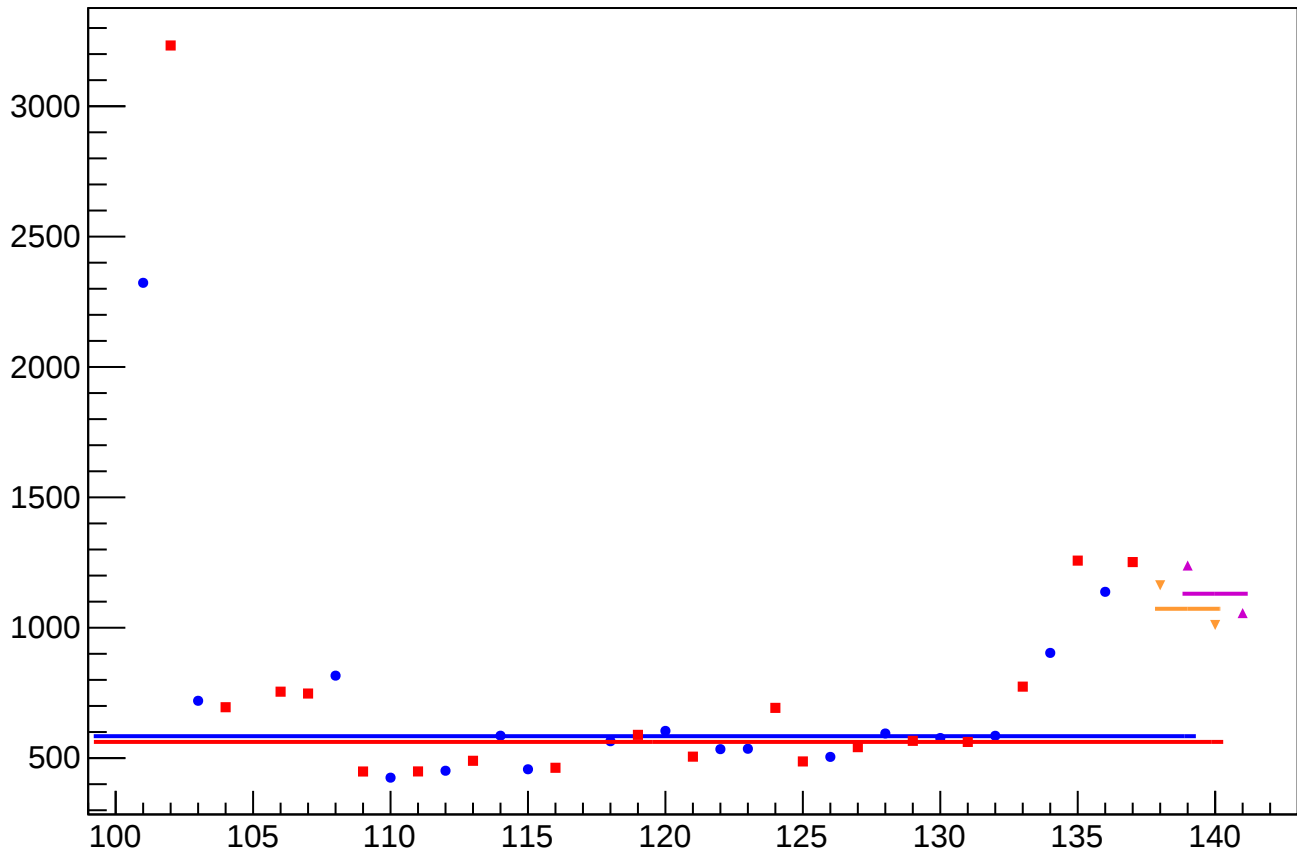
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: -25.900 ± 230.667 χ^2/NDF : 21.7/18

Out: 574.634 ± 218.638 χ^2/NDF : 14.2/19

All: 290.433 ± 158.683 χ^2/NDF : 39.4/38

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 1072.697+/-0.618 χ^2/NDF :14647.4/1

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 1130.372+/-0.628 χ^2/NDF :20357.8/1

Left: 1101.083+/-0.441 χ^2/NDF : 39287.6/3

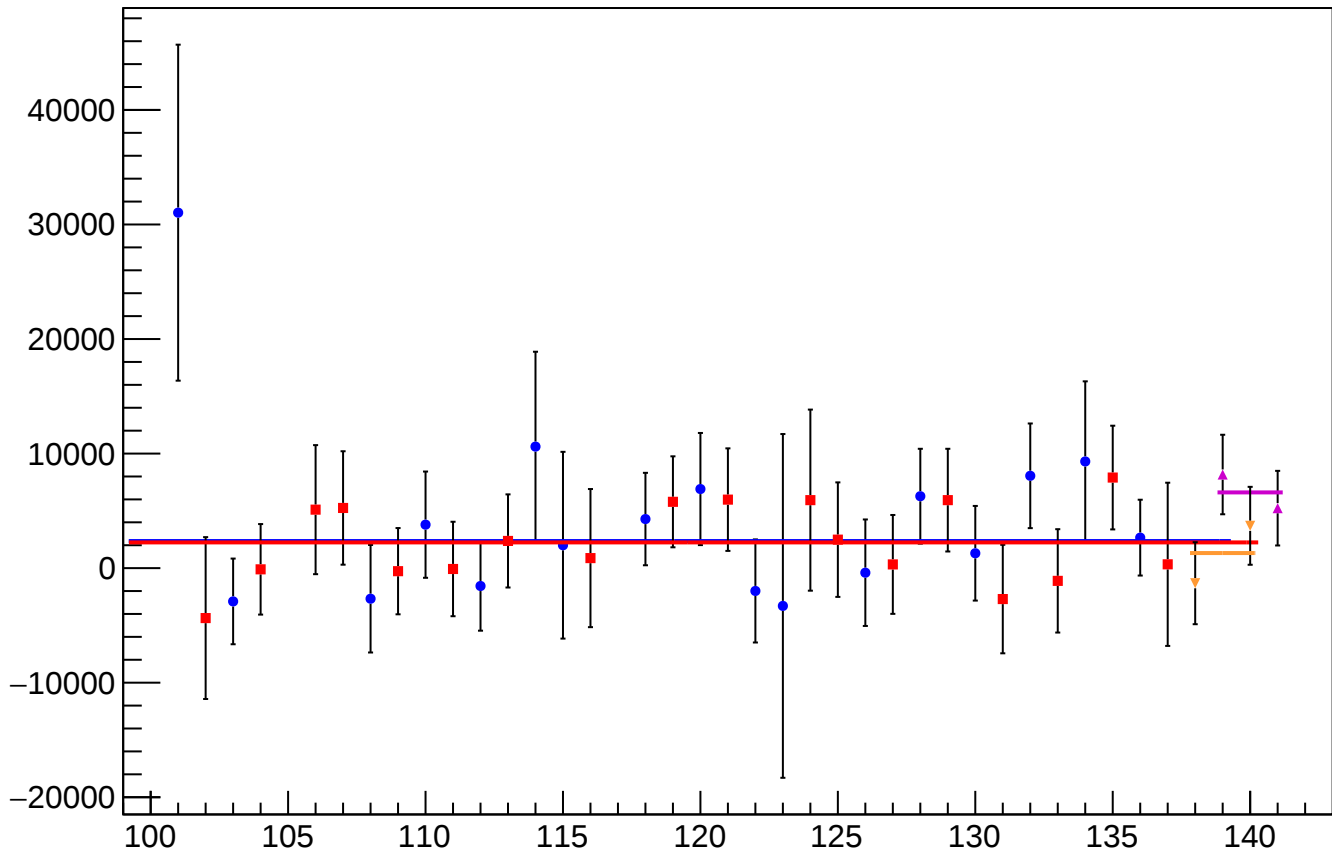
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 620.900+/-0.163 χ^2/NDF :2162578.1/18

Out: 594.043+/-0.155 χ^2/NDF :2179212.8/19

All: 606.753+/-0.112 χ^2/NDF : 4356072.8/38

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1316.335 $\pm$ 2465.160 χ^2 /NDF:1.0/1

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 6610.312 $\pm$ 2375.118 χ^2 /NDF:0.4/1

Left: 4061.772 $\pm$ 1710.409 χ^2 /NDF: 3.8/3

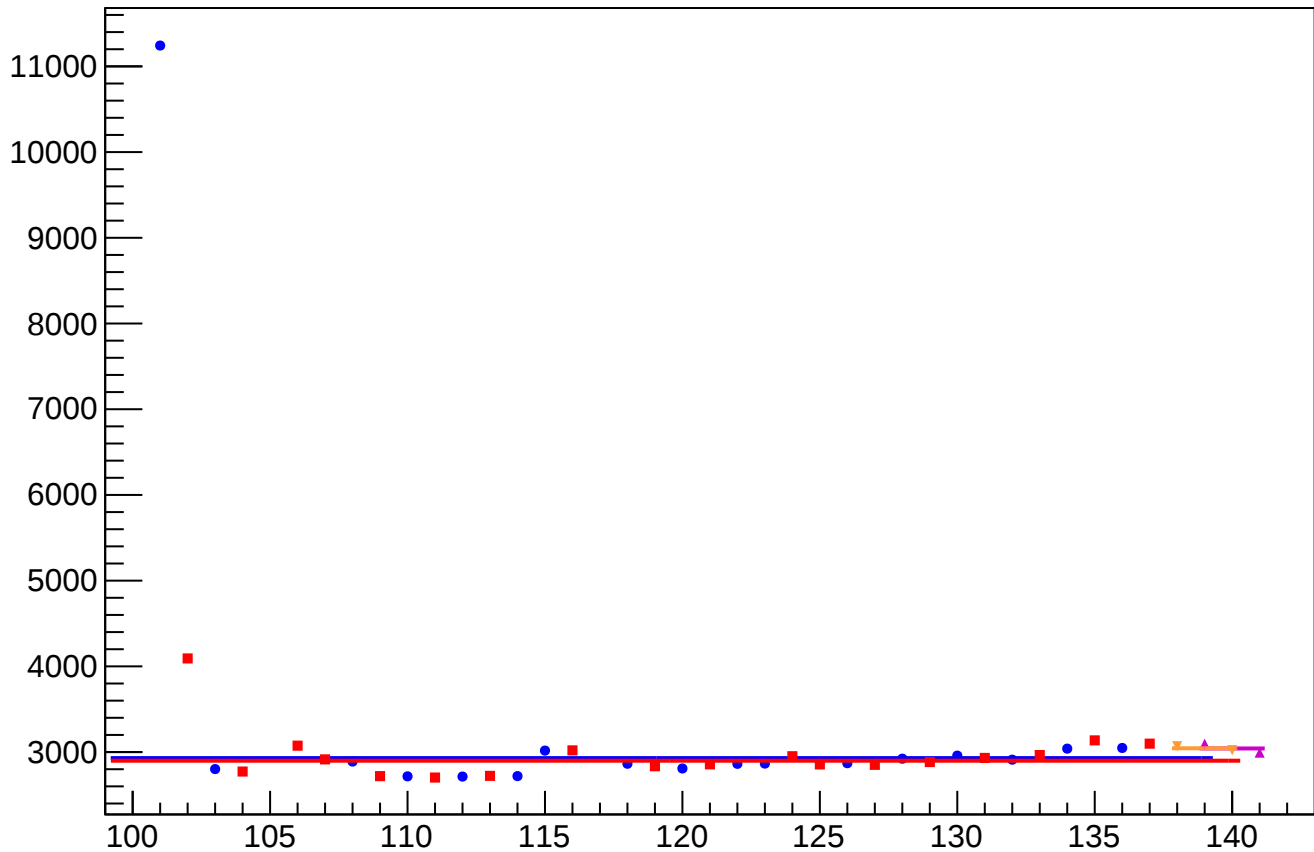
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3180.771 $\pm$ 1042.287 χ^2 /NDF:18.0/18

Out: 2088.342 $\pm$ 1013.595 χ^2 /NDF:9.7/19

All: 2619.313 $\pm$ 726.652 χ^2 /NDF: 28.3/38

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3044.195+/-1.743 χ^2/NDF :173.8/1

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 3042.180+/-1.679 χ^2/NDF :961.7/1

Left: 3043.150+/-1.209 χ^2/NDF : 1136.2/3

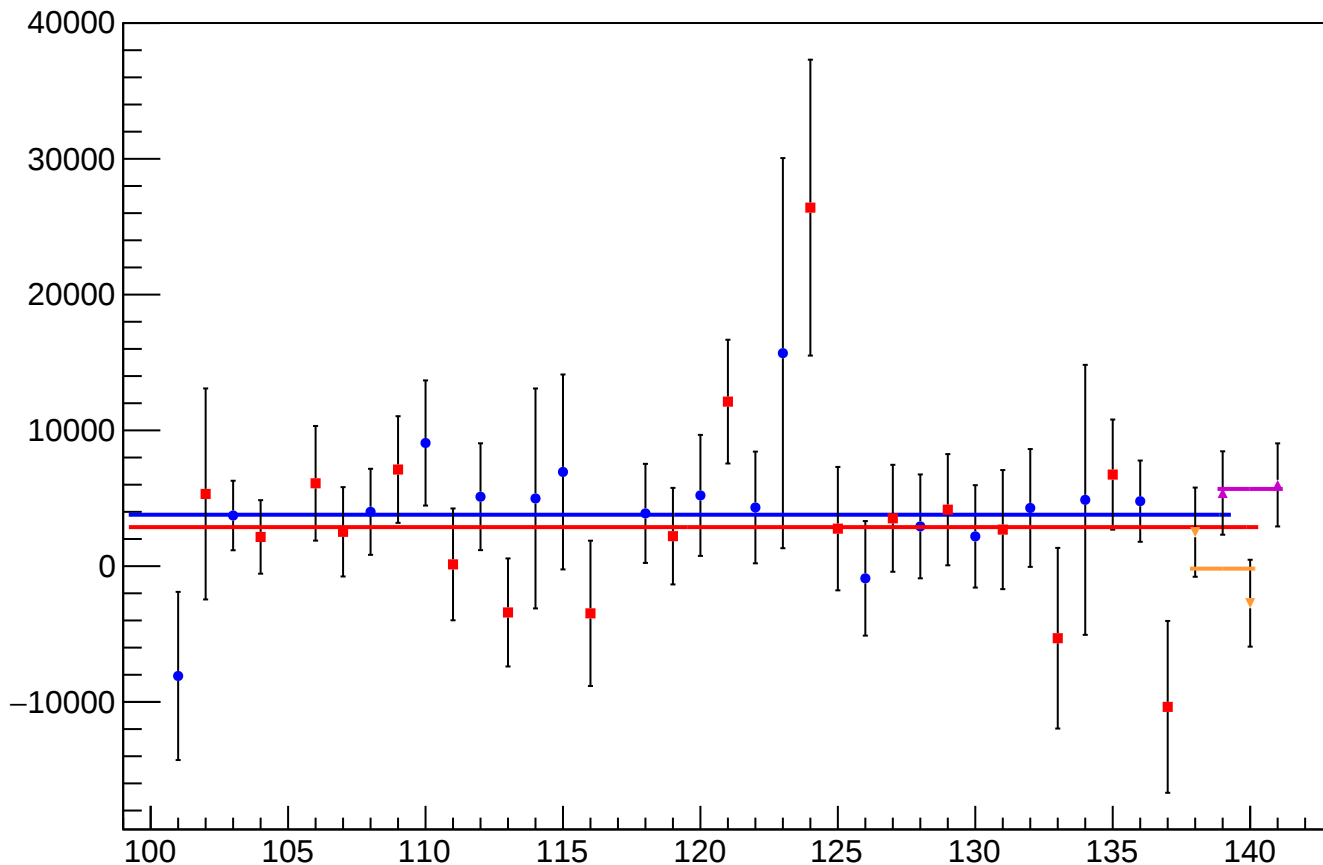
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2951.324+/-0.737 χ^2/NDF :667215.4/18

Out: 2923.905+/-0.717 χ^2/NDF :89448.0/19

All: 2937.232+/-0.514 χ^2/NDF : 757374.7/38

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: -182.416+/-2292.212 χ^2/NDF : 1.3/1

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 5686.641+/-2167.773 χ^2/NDF : 0.0/1

Left: 2915.738+/-1575.002 χ^2/NDF : 4.8/3

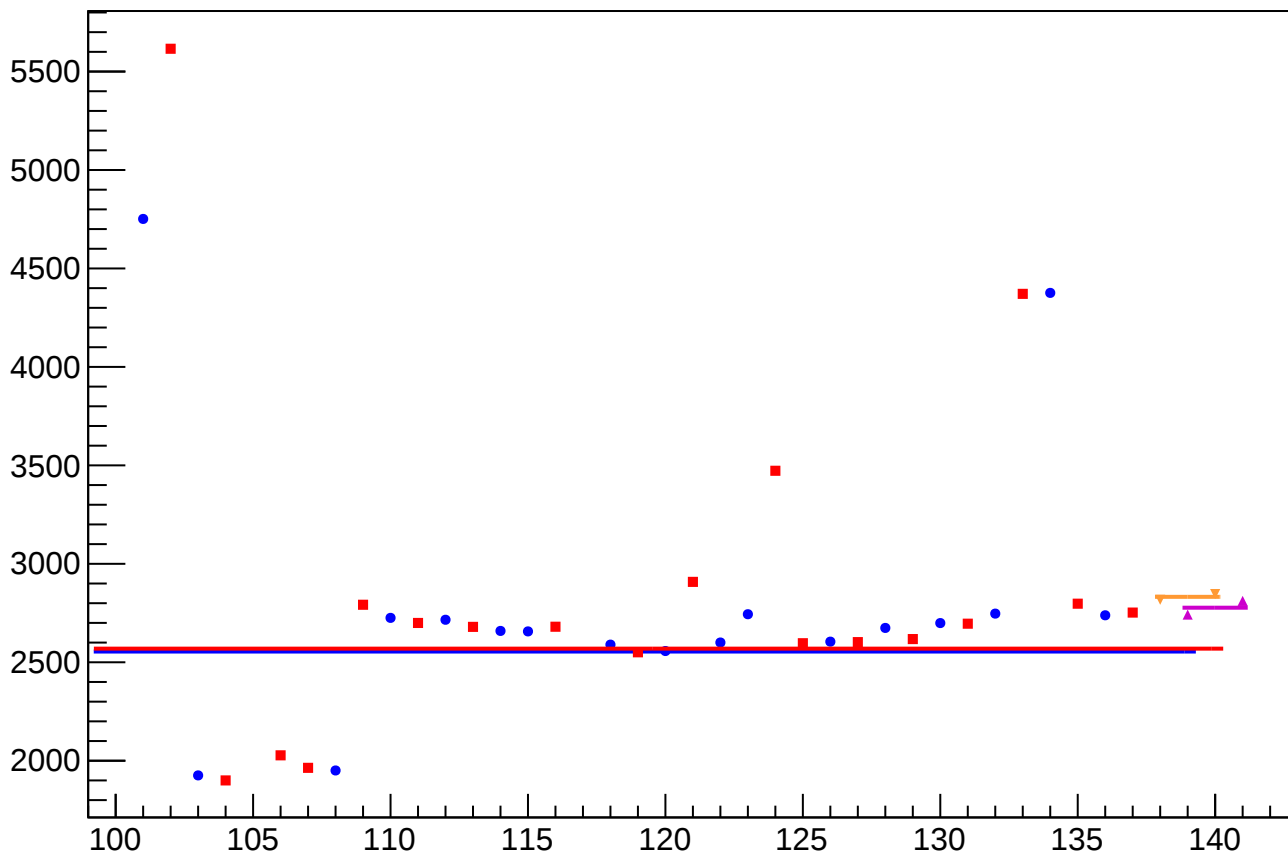
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 4125.474+/-914.107 χ^2/NDF : 8.4/18

Out: 2382.534+/-919.711 χ^2/NDF : 24.8/19

All: 3259.330+/-648.343 χ^2/NDF : 35.0/38

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537+/-0.713 χ^2/NDF : 536626.0/16

Left Out: 2832.326+/-1.621 χ^2/NDF :80.4/1

Right Out: 2569.256+/-0.710 χ^2/NDF : 723332.1/17

Left In: 2777.135+/-1.533 χ^2/NDF :515.3/1

Left: 2803.192+/-1.114 χ^2/NDF : 1207.7/3

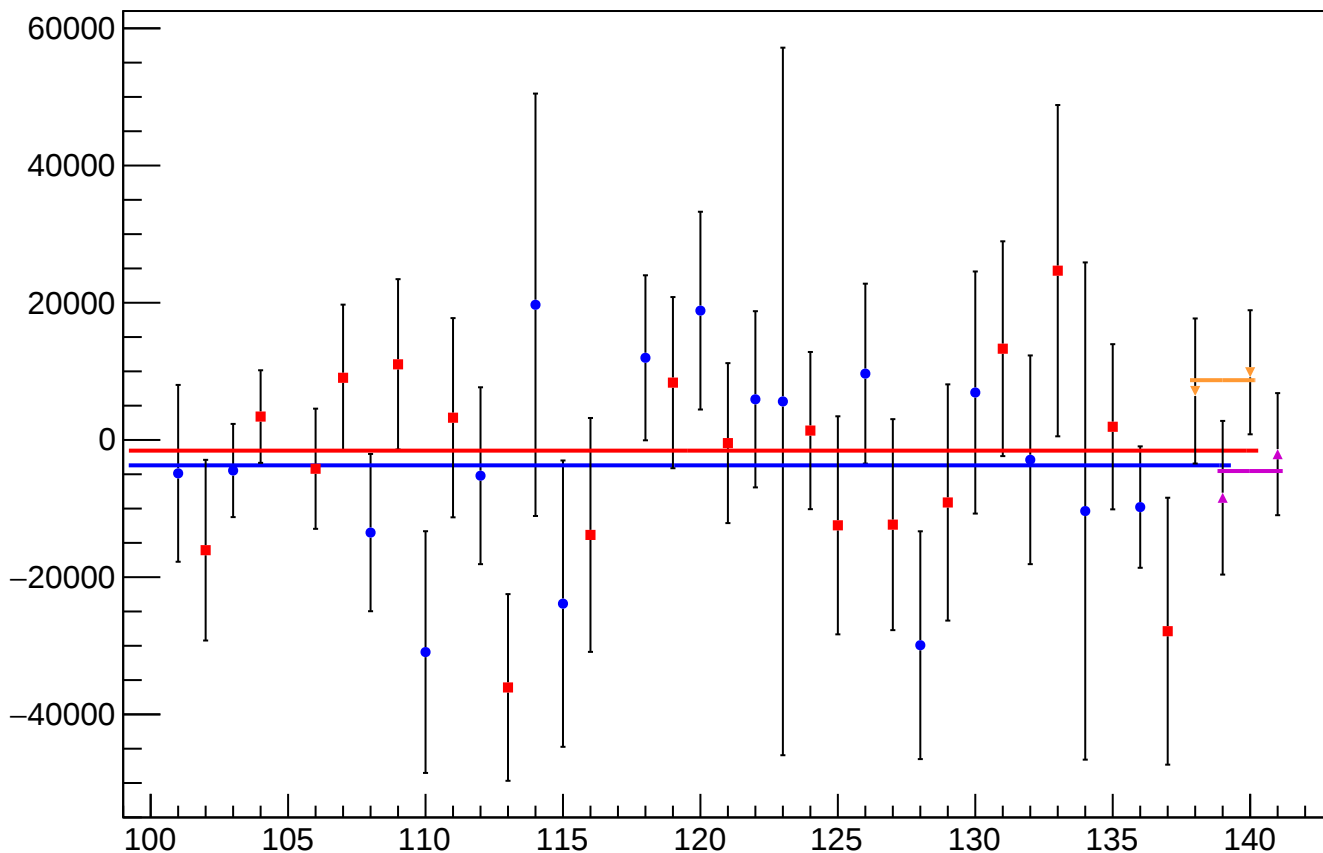
Right: 2561.929+/-0.503 χ^2/NDF : 1260172.2/34

In: 2594.118+/-0.646 χ^2/NDF :554479.8/18

Out: 2611.578+/-0.650 χ^2/NDF :745517.3/19

All: 2602.798+/-0.458 χ^2/NDF : 1300359.9/38

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 8714.371+/-6871.700 χ^2/NDF : 0.0/1

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: -4527.491+/-6966.734 χ^2/NDF : 0.2/1

Left: 2184.373+/-4892.279 χ^2/NDF : 2.1/3

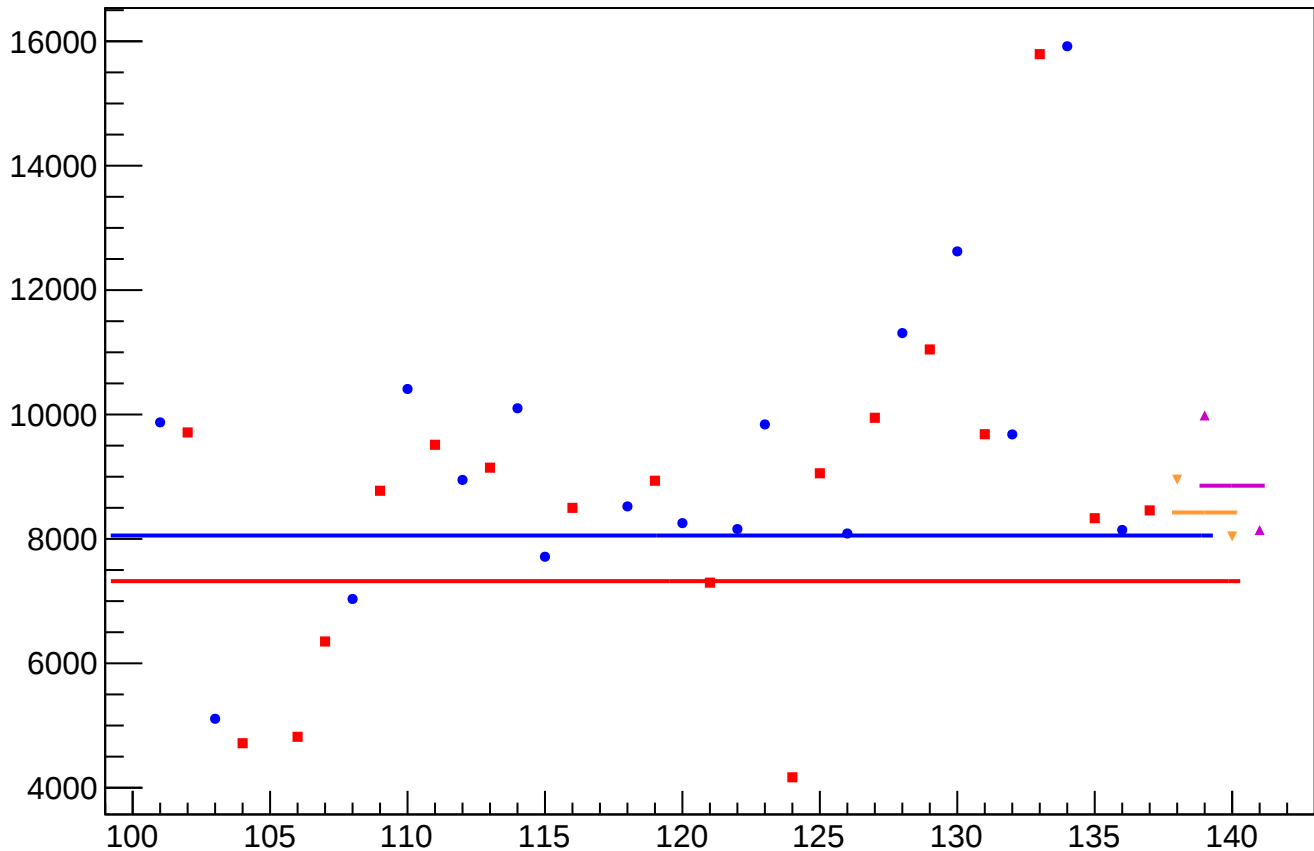
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -3845.103+/-2921.284 χ^2/NDF : 14.0/18

Out: 7.595+/-2681.012 χ^2/NDF : 18.7/19

All: -1753.822+/-1975.252 χ^2/NDF : 33.7/38

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8424.908+/-4.859 χ^2/NDF :8603.6/1

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8855.853+/-4.926 χ^2/NDF :33184.2/1

Left: 8637.421+/-3.459 χ^2/NDF : 45666.7/3

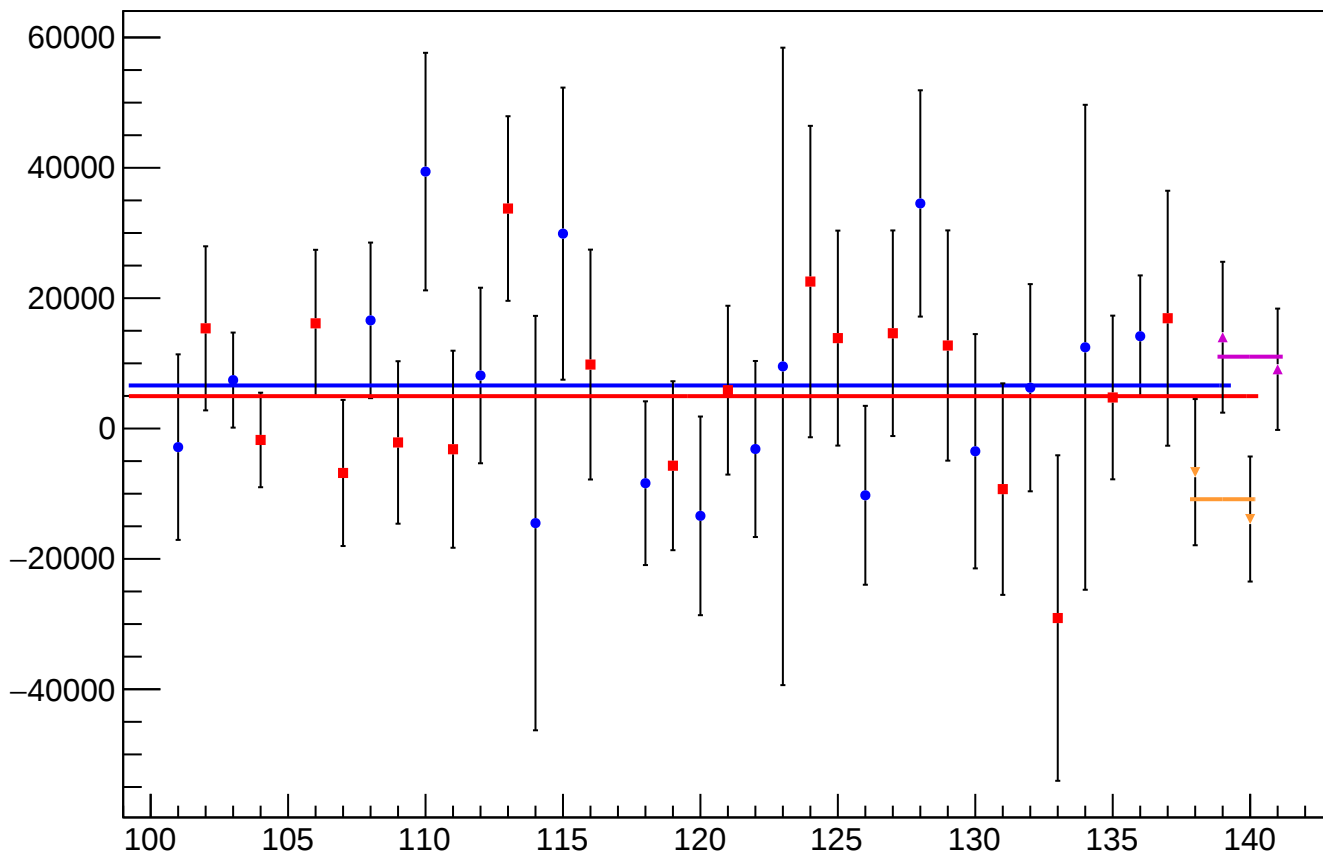
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8195.625+/-2.066 χ^2/NDF :875741.8/18

Out: 7489.398+/-1.896 χ^2/NDF :1388283.4/19

All: 7812.279+/-1.397 χ^2/NDF : 2327473.3/38

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -10846.177+/-7289.992 χ^2/NDF : 0.2/1

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 11023.672+/-7253.222 χ^2/NDF : 0.1/1

Left: 144.041+/-5141.753 χ^2/NDF : 4.9/3

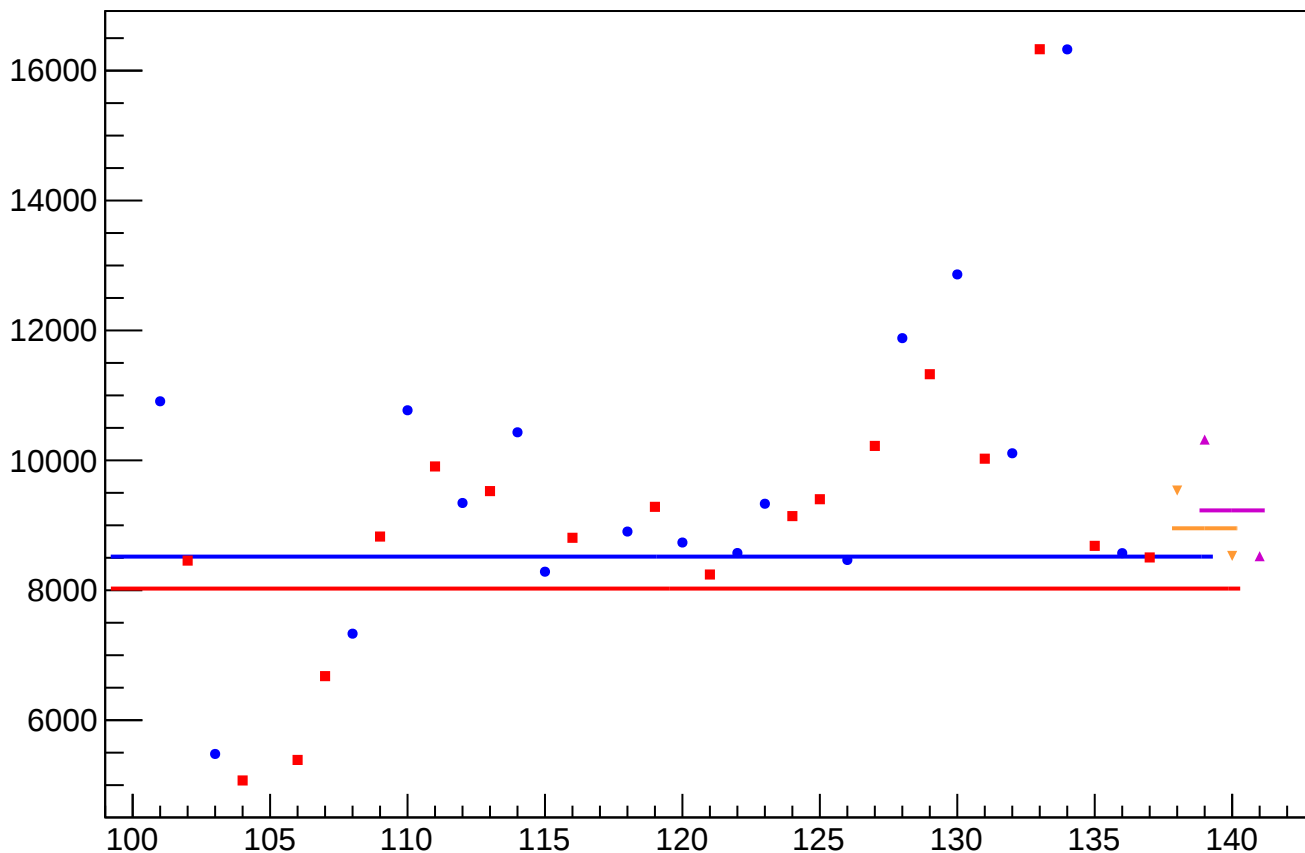
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 7401.344+/-3075.483 χ^2/NDF : 15.1/18

Out: 2443.905+/-2912.340 χ^2/NDF : 17.7/19

All: 4787.656+/-2114.659 χ^2/NDF : 34.2/38

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8954.171 $\pm$ 5.155 χ^2/NDF : 9303.3/1

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 9229.705 $\pm$ 5.129 χ^2/NDF : 29228.7/1

Left: 9092.634 $\pm$ 3.636 χ^2/NDF : 39967.8/3

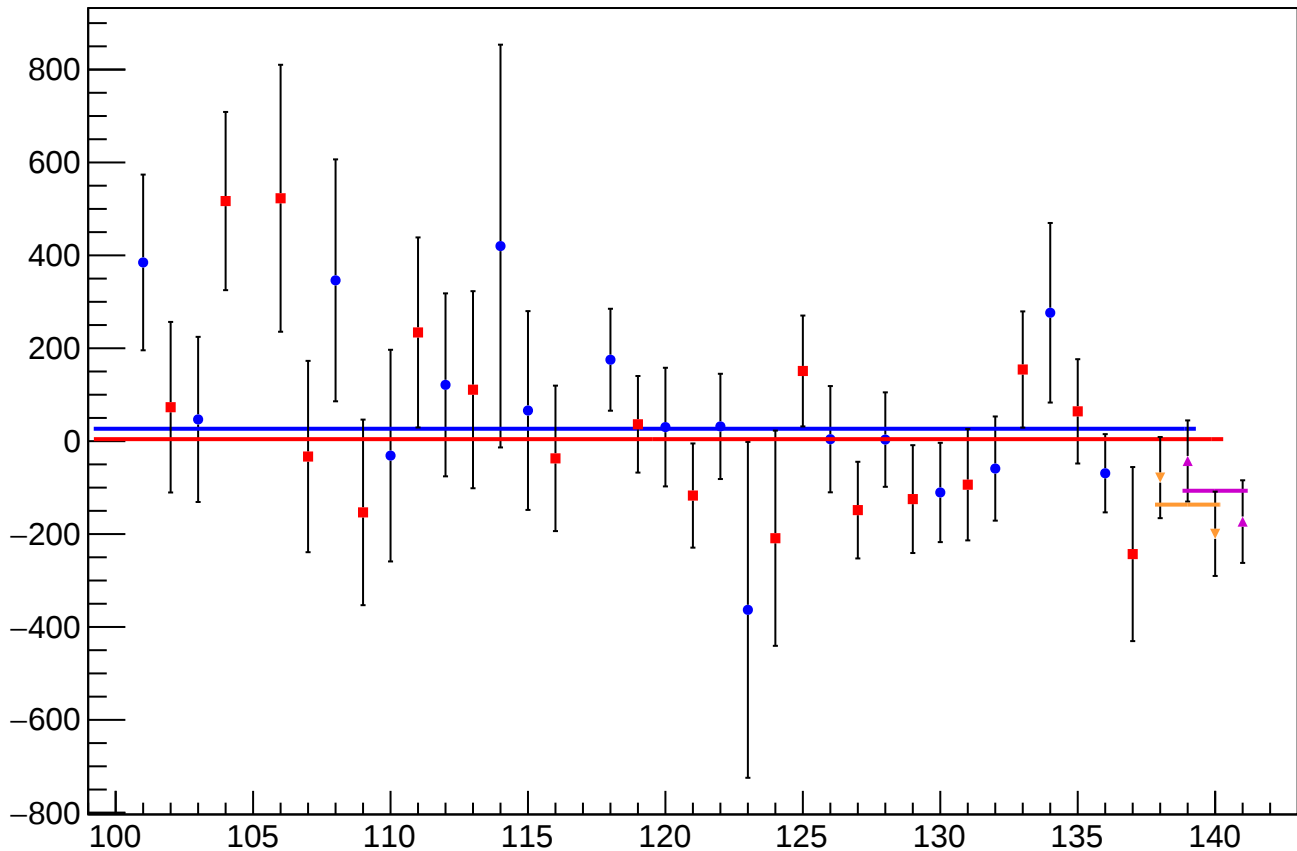
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8646.181 $\pm$ 2.175 χ^2/NDF : 817005.6/18

Out: 8174.164 $\pm$ 2.059 χ^2/NDF : 979205.8/19

All: 8397.314 $\pm$ 1.495 χ^2/NDF : 1821050.0/38

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -136.593 $\pm$ 62.941 χ^2/NDF : 0.9/1

Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17

Left In: -106.751 $\pm$ 62.326 χ^2/NDF : 1.1/1

Left: -121.525 $\pm$ 44.287 χ^2/NDF : 2.1/3

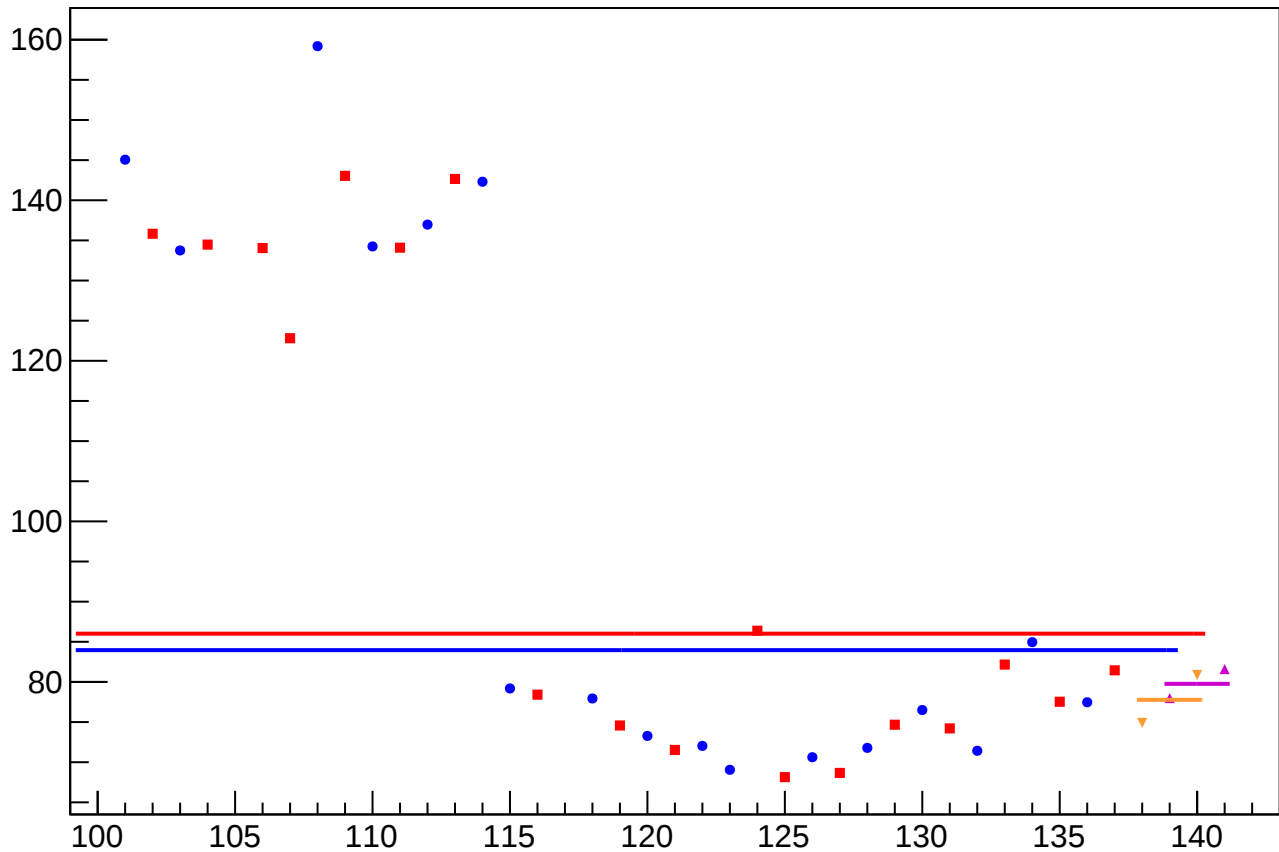
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -3.378 $\pm$ 29.594 χ^2/NDF : 19.2/18

Out: -27.267 $\pm$ 29.807 χ^2/NDF : 28.7/19

All: -15.237 $\pm$ 21.001 χ^2/NDF : 48.2/38

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 77.770+/-0.045 χ^2/NDF : 4504.6/1

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 79.762+/-0.044 χ^2/NDF : 1675.9/1

Left: 78.776+/-0.031 χ^2/NDF : 7191.4/3

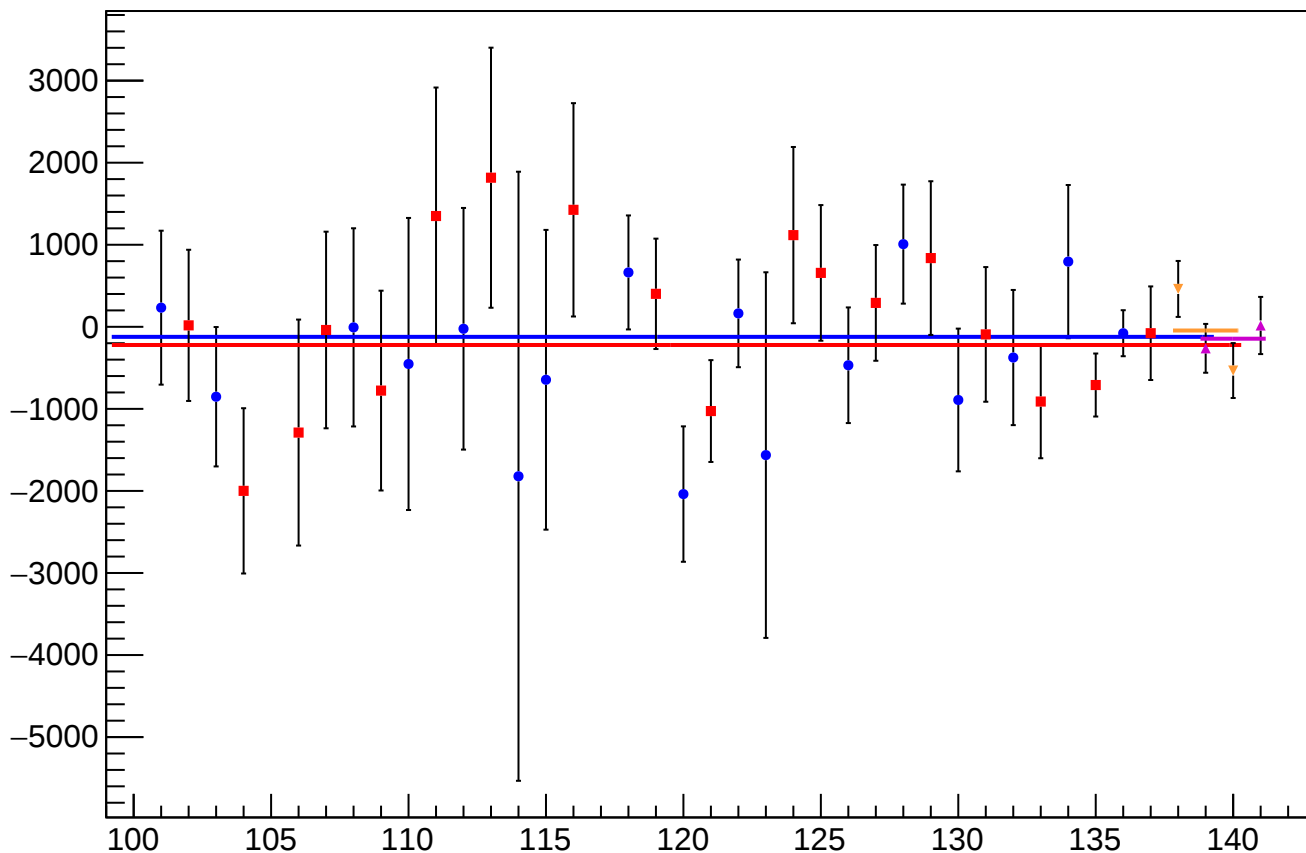
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.014+/-0.021 χ^2/NDF : 968960.9/18

Out: 84.164+/-0.021 χ^2/NDF : 1057511.0/19

All: 83.585+/-0.015 χ^2/NDF : 2027970.8/38

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -45.155 ± 238.826 $\chi^2/\text{NDF}: 4.3/1$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -144.928 ± 226.252 $\chi^2/\text{NDF}: 0.4/1$

Left: -97.737 ± 164.250 $\chi^2/\text{NDF}: 4.8/3$

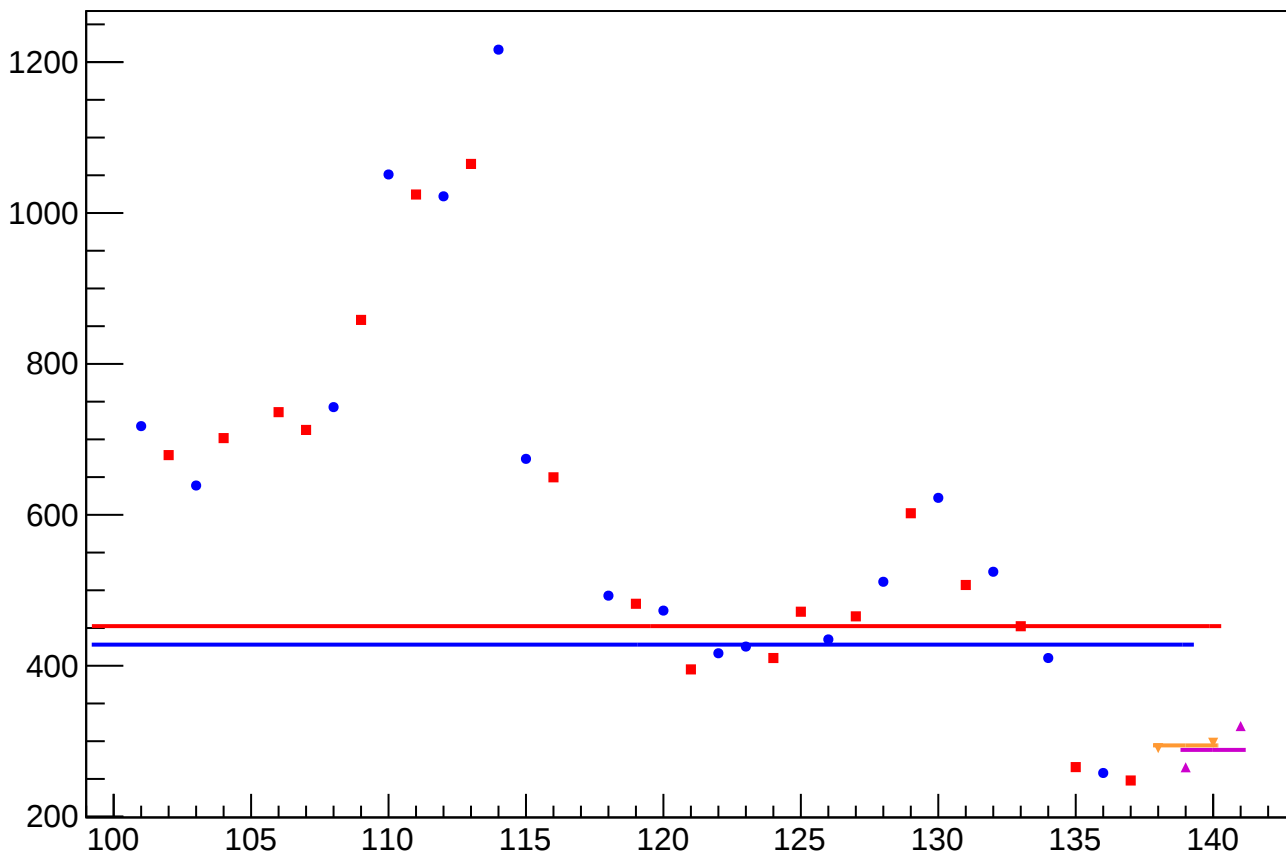
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -131.114 ± 140.662 $\chi^2/\text{NDF}: 13.4/18$

Out: -155.340 ± 146.302 $\chi^2/\text{NDF}: 22.7/19$

All: -142.751 ± 101.398 $\chi^2/\text{NDF}: 36.1/38$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 294.435+/-0.169 χ^2/NDF :450.3/1

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 288.477+/-0.160 χ^2/NDF :28406.2/1

Left: 291.295+/-0.116 χ^2/NDF : 29512.2/3

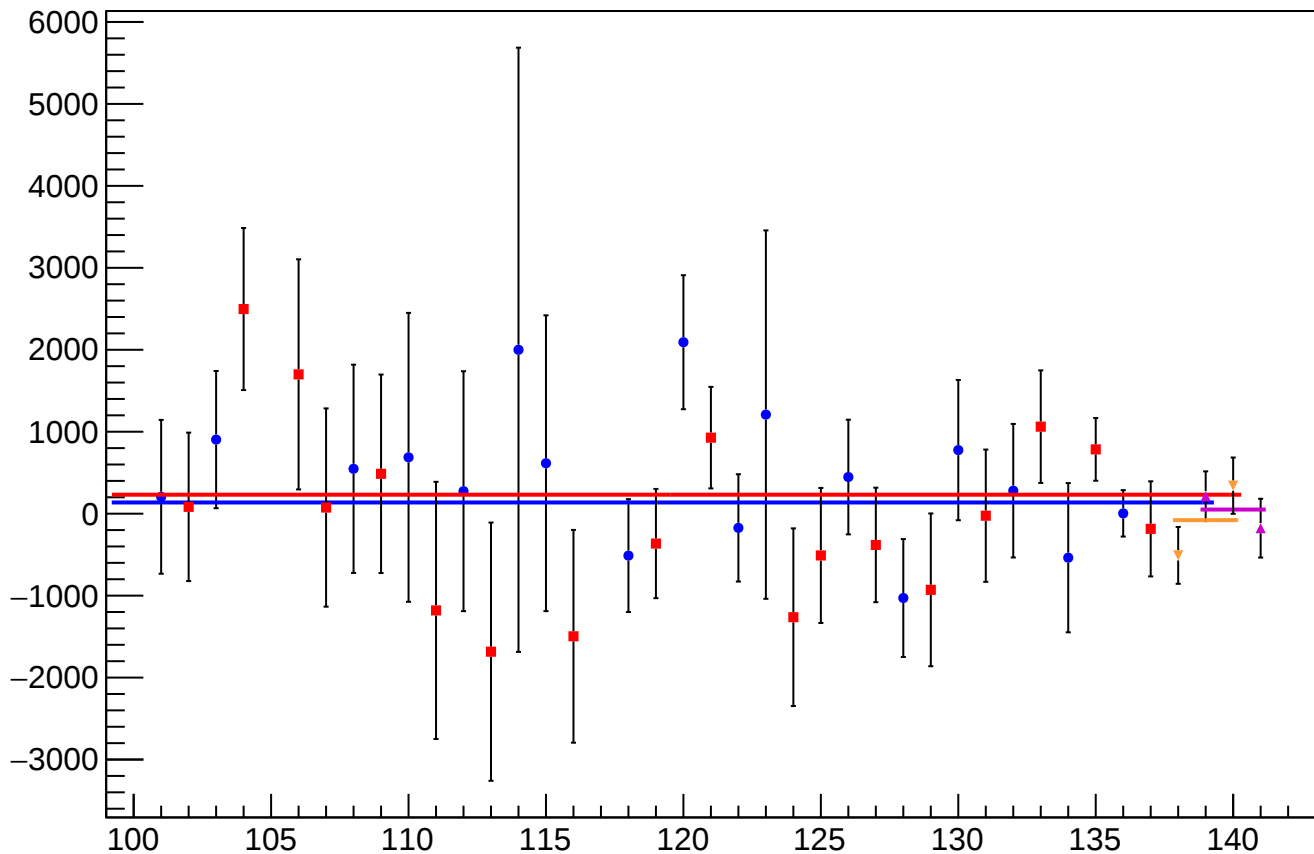
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 374.063+/-0.099 χ^2/NDF :2557147.8/18

Out: 393.188+/-0.103 χ^2/NDF :2620849.2/19

All: 383.250+/-0.072 χ^2/NDF : 5195757.3/38

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -78.830 ± 244.011 $\chi^2/\text{NDF}: 3.0/1$

Right Out: 231.586 ± 184.578 $\chi^2/\text{NDF}: 21.8/17$

Left In: 50.465 ± 231.666 $\chi^2/\text{NDF}: 0.7/1$

Left: -10.829 ± 168.007 $\chi^2/\text{NDF}: 3.9/3$

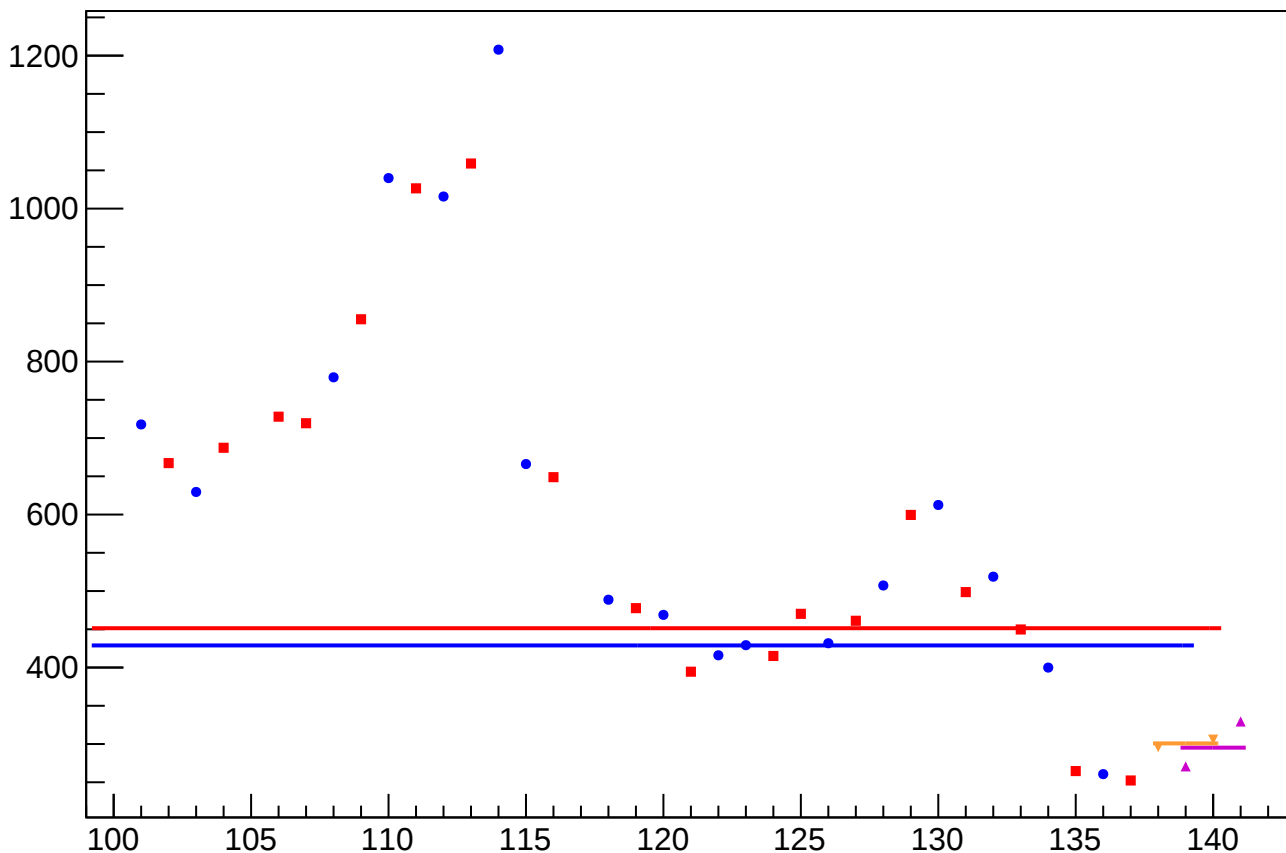
Right: 182.905 ± 128.724 $\chi^2/\text{NDF}: 34.5/34$

In: 104.394 ± 141.945 $\chi^2/\text{NDF}: 13.4/18$

Out: 118.612 ± 147.207 $\chi^2/\text{NDF}: 25.8/19$

All: 111.244 ± 102.180 $\chi^2/\text{NDF}: 39.2/38$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 300.802 $\pm$ 0.173 χ^2 /NDF:832.4/1

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 295.241 $\pm$ 0.164 χ^2 /NDF:31202.5/1

Left: 297.877 $\pm$ 0.119 χ^2 /NDF: 32581.2/3

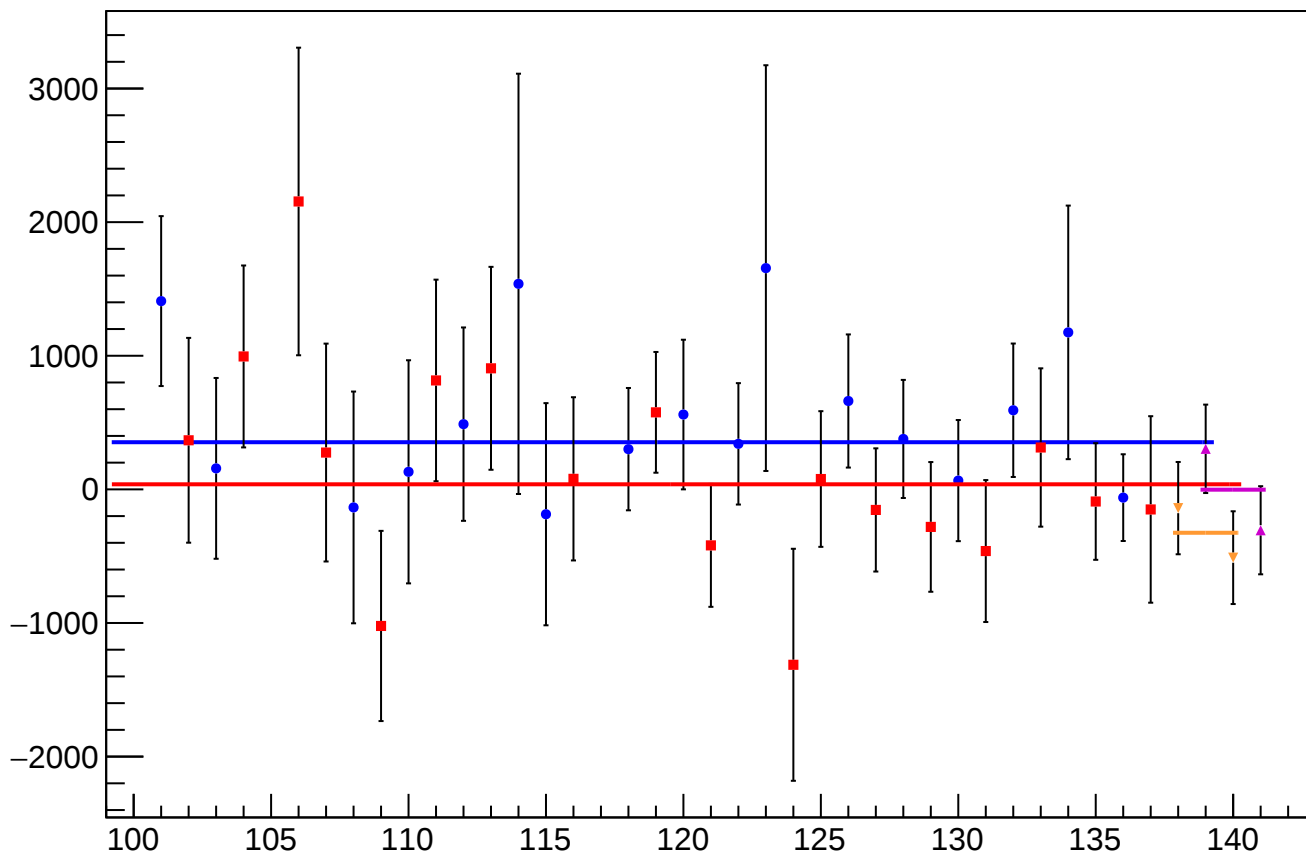
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 378.715 $\pm$ 0.100 χ^2 /NDF:2457535.0/18

Out: 396.597 $\pm$ 0.104 χ^2 /NDF:2516203.3/19

All: 387.331 $\pm$ 0.072 χ^2 /NDF: 4989032.3/38

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -324.822 ± 244.838 $\chi^2/\text{NDF}: 0.6/1$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -2.349 ± 233.562 $\chi^2/\text{NDF}: 1.7/1$

Left: -155.989 ± 168.999 $\chi^2/\text{NDF}: 3.2/3$

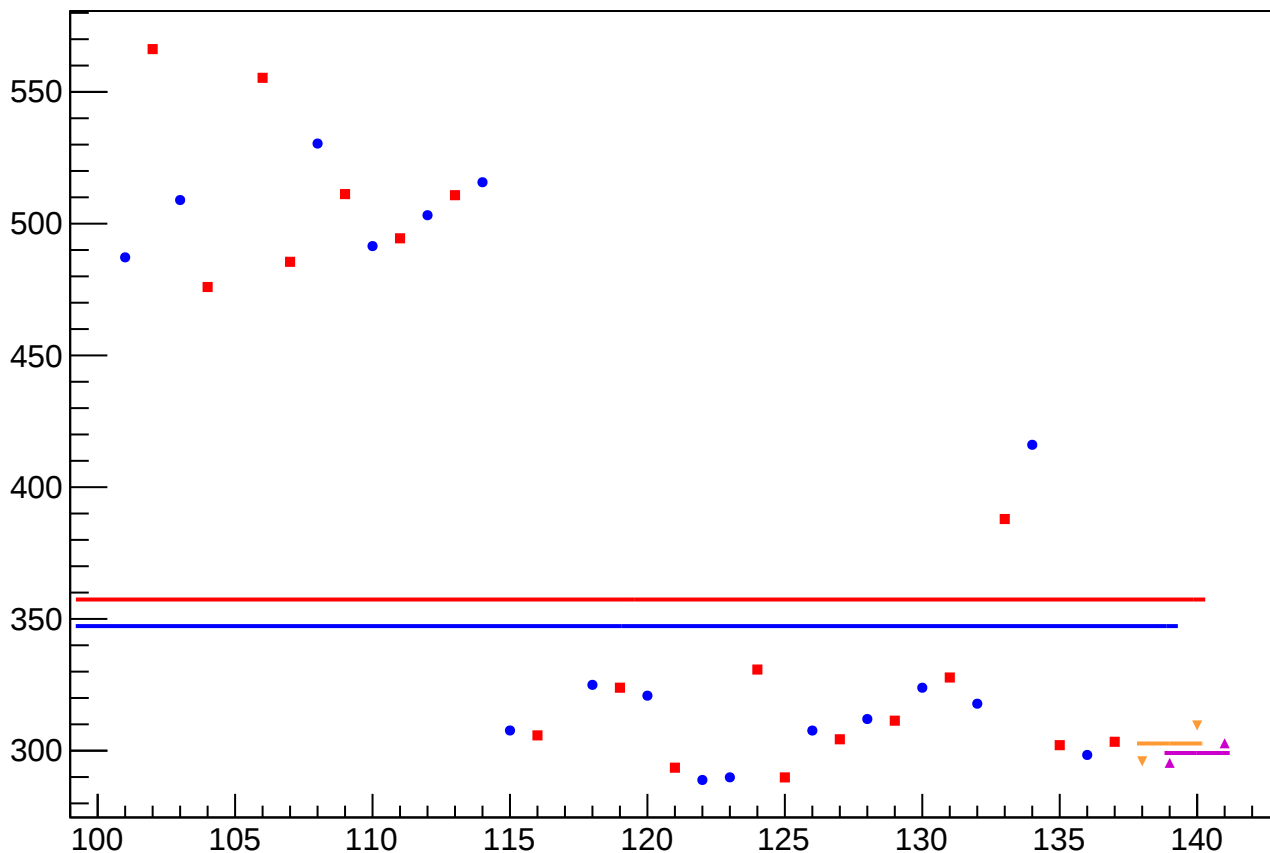
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 261.687 ± 118.362 $\chi^2/\text{NDF}: 12.0/18$

Out: -50.473 ± 120.894 $\chi^2/\text{NDF}: 19.2/19$

All: 108.910 ± 84.575 $\chi^2/\text{NDF}: 34.5/38$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 302.733 $\pm$ 0.173 χ^2 /NDF:1545.0/1

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 299.119 $\pm$ 0.165 χ^2 /NDF:505.3/1

Left: 300.841 $\pm$ 0.120 χ^2 /NDF: 2278.4/3

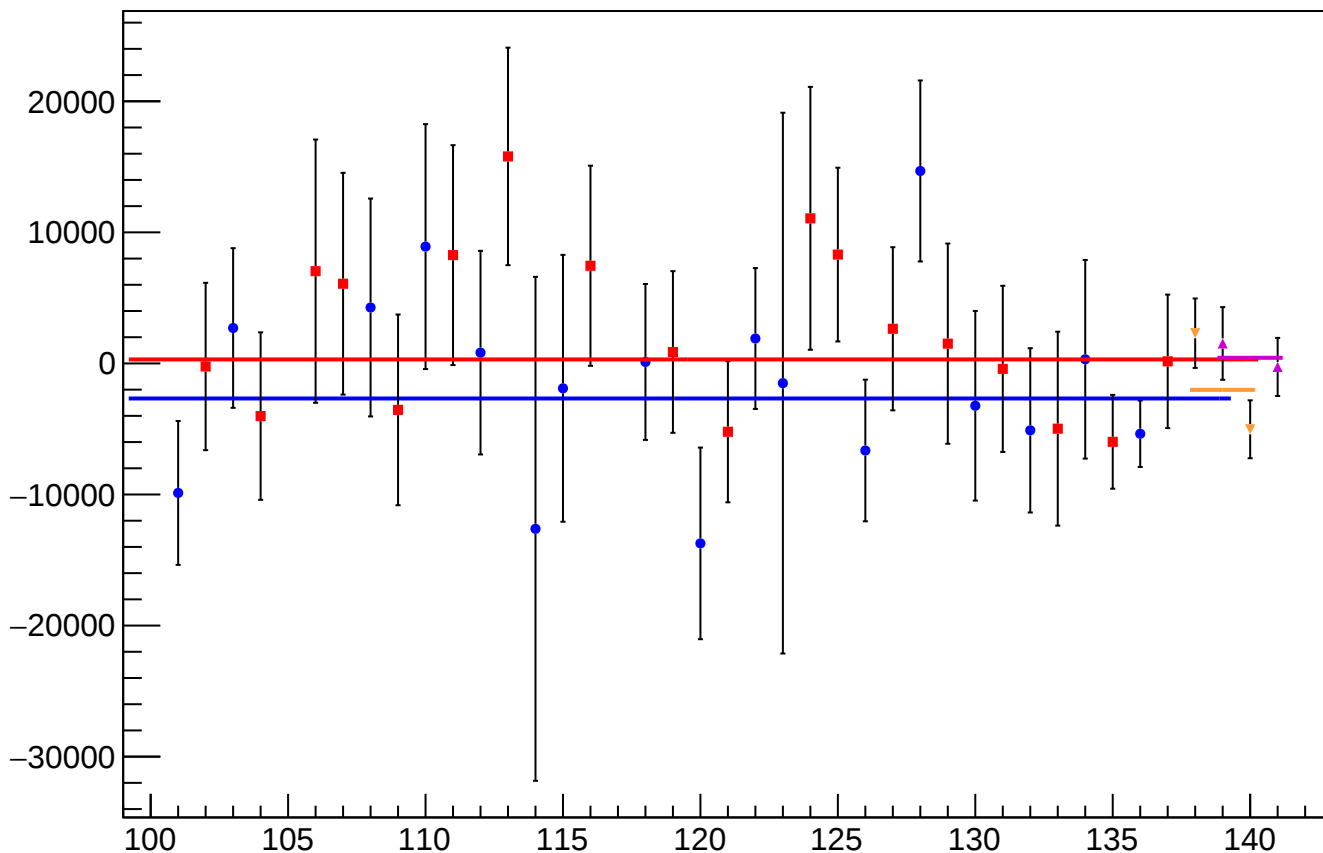
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 334.911 $\pm$ 0.084 χ^2 /NDF:682609.6/18

Out: 344.045 $\pm$ 0.085 χ^2 /NDF:836782.1/19

All: 339.382 $\pm$ 0.060 χ^2 /NDF: 1525220.5/38

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 ± 1456.188 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -2015.542 ± 1696.556 $\chi^2/\text{NDF}: 4.5/1$

Right Out: 304.817 ± 1517.834 $\chi^2/\text{NDF}: 14.4/17$

Left In: 430.242 ± 1731.757 $\chi^2/\text{NDF}: 0.3/1$

Left: -817.760 ± 1211.900 $\chi^2/\text{NDF}: 5.8/3$

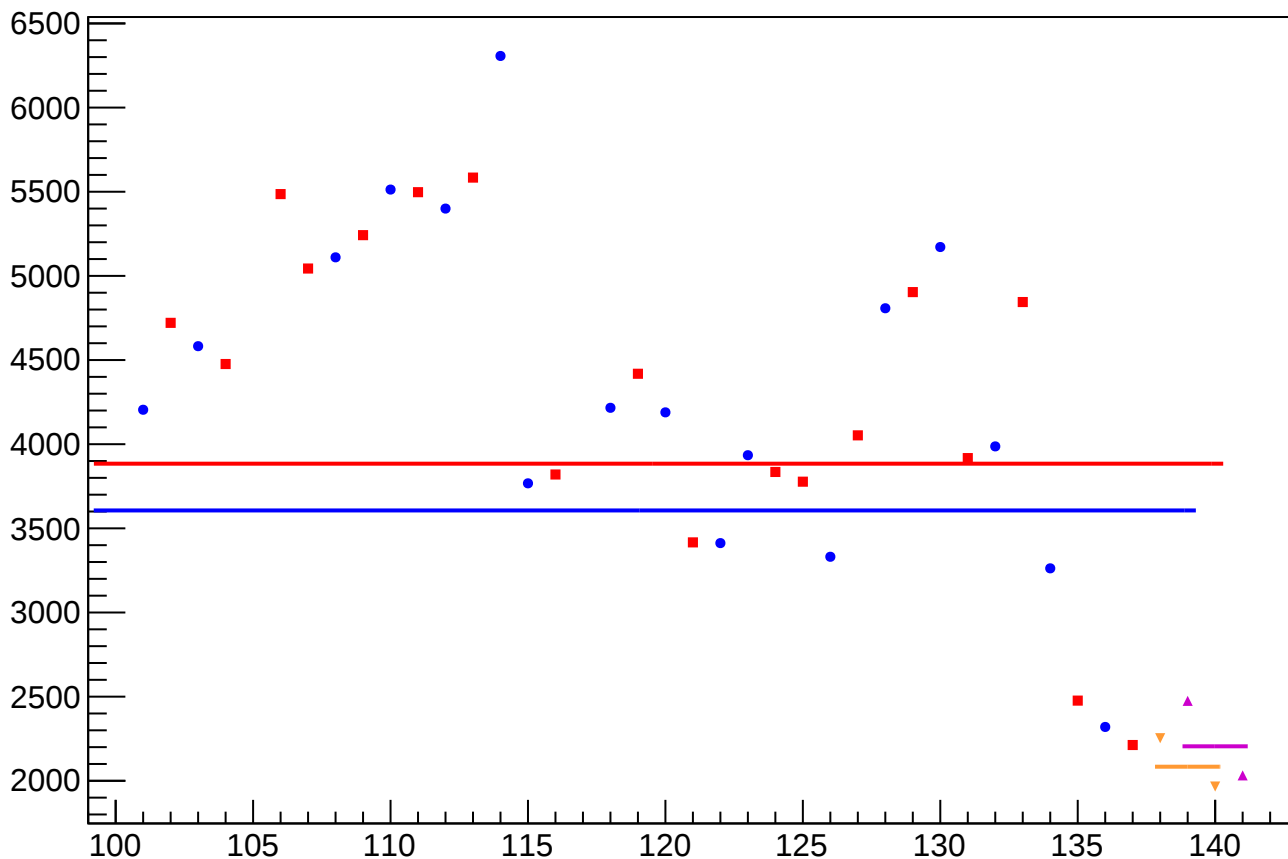
Right: -1246.323 ± 1050.798 $\chi^2/\text{NDF}: 33.1/34$

In: -1388.237 ± 1114.531 $\chi^2/\text{NDF}: 18.9/18$

Out: -726.747 ± 1131.198 $\chi^2/\text{NDF}: 19.9/19$

All: -1062.401 ± 793.919 $\chi^2/\text{NDF}: 39.0/38$

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2083.803+/-1.200 χ^2/NDF :13862.7/1

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2204.945+/-1.225 χ^2/NDF :31120.1/1

Left: 2143.130+/-0.857 χ^2/NDF : 49976.8/3

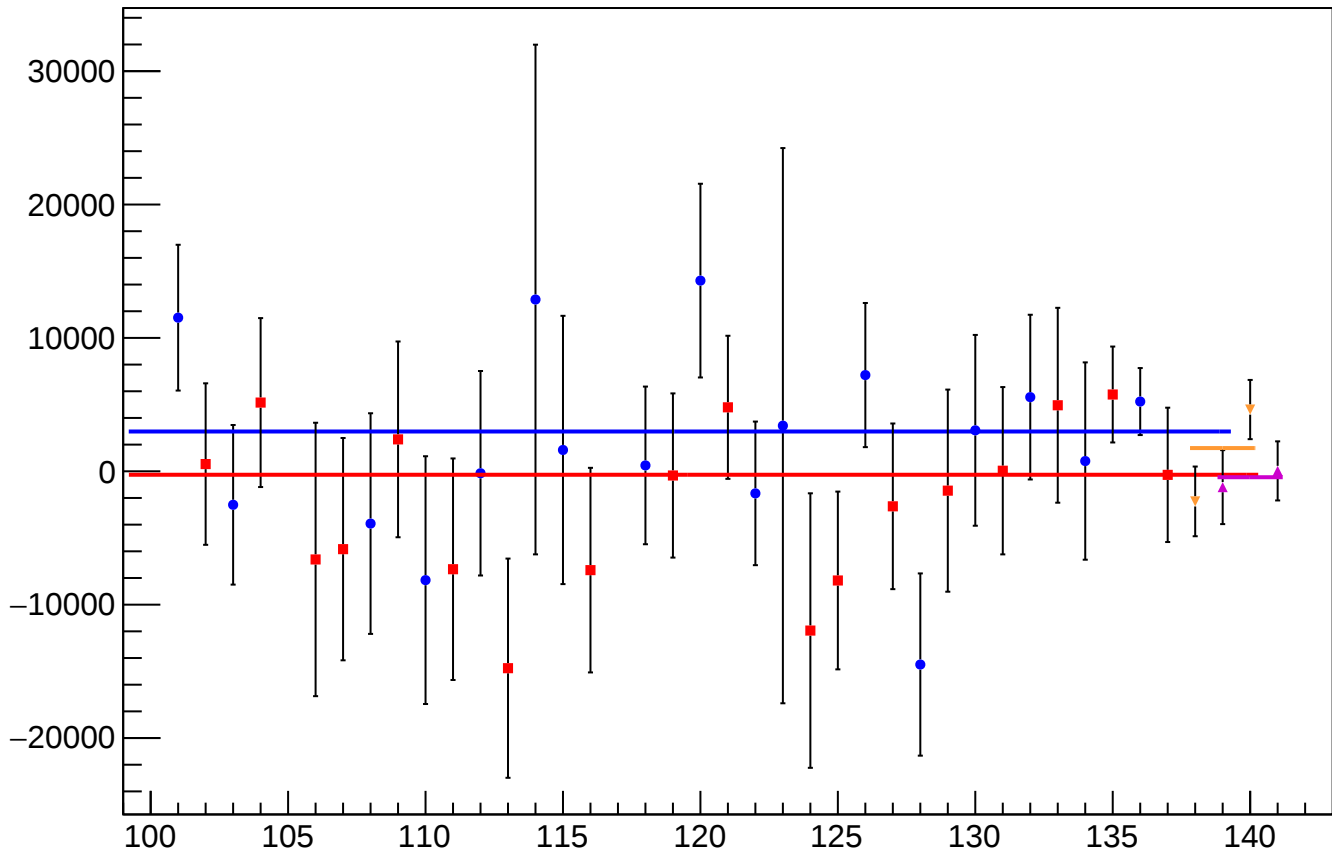
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 3025.893+/-0.788 χ^2/NDF :1890889.6/18

Out: 3083.798+/-0.800 χ^2/NDF :2259446.8/19

All: 3054.416+/-0.561 χ^2/NDF : 4152995.6/38

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1741.023+/-1691.870 χ^2/NDF : 4.0/1

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: -444.666+/-1731.034 χ^2/NDF : 0.1/1

Left: 673.183+/-1209.942 χ^2/NDF : 5.0/3

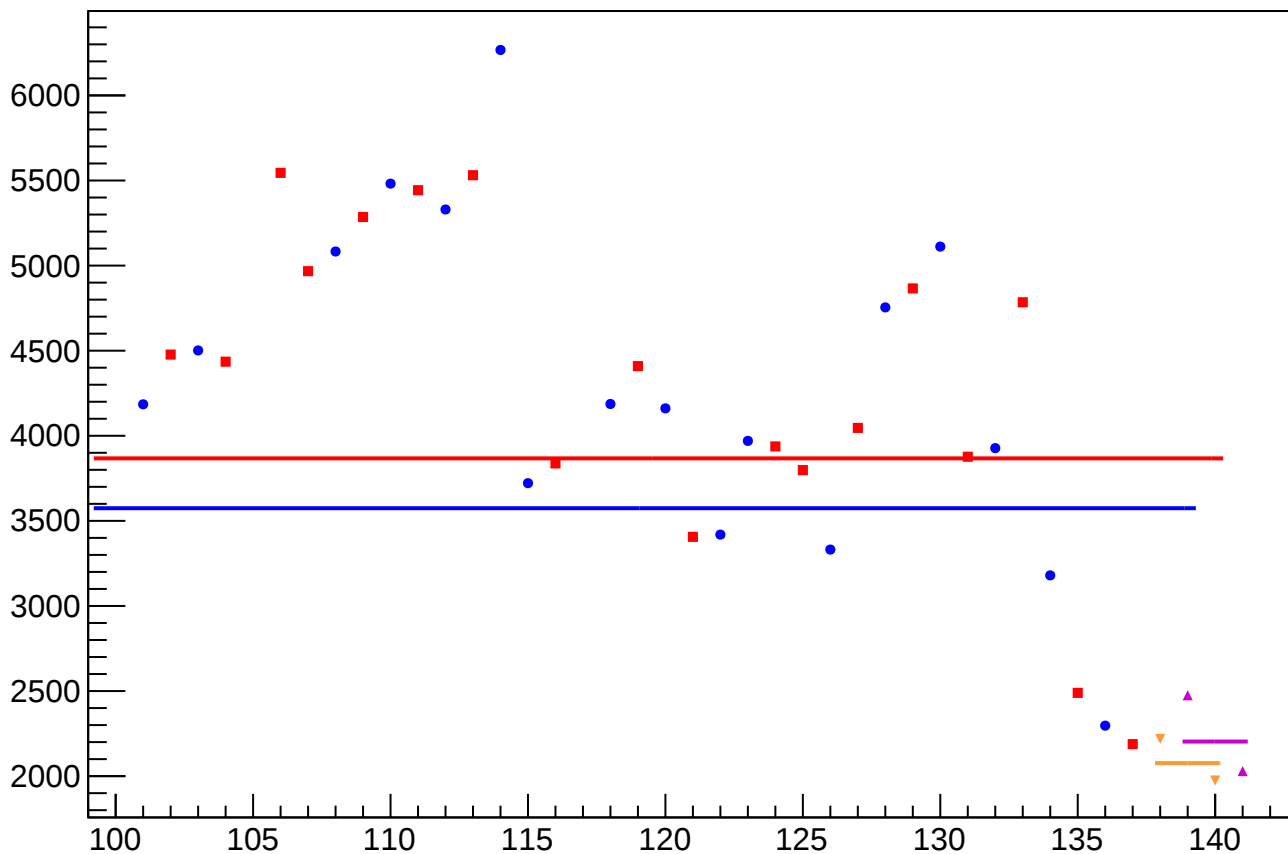
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1577.312+/-1108.680 χ^2/NDF : 19.9/18

Out: 627.597+/-1126.707 χ^2/NDF : 18.3/19

All: 1110.113+/-790.251 χ^2/NDF : 38.5/38

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2076.699+/-1.196 χ^2/NDF : 10159.4/1

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2203.271+/-1.224 χ^2/NDF : 31506.4/1

Left: 2138.537+/-0.856 χ^2/NDF : 47134.5/3

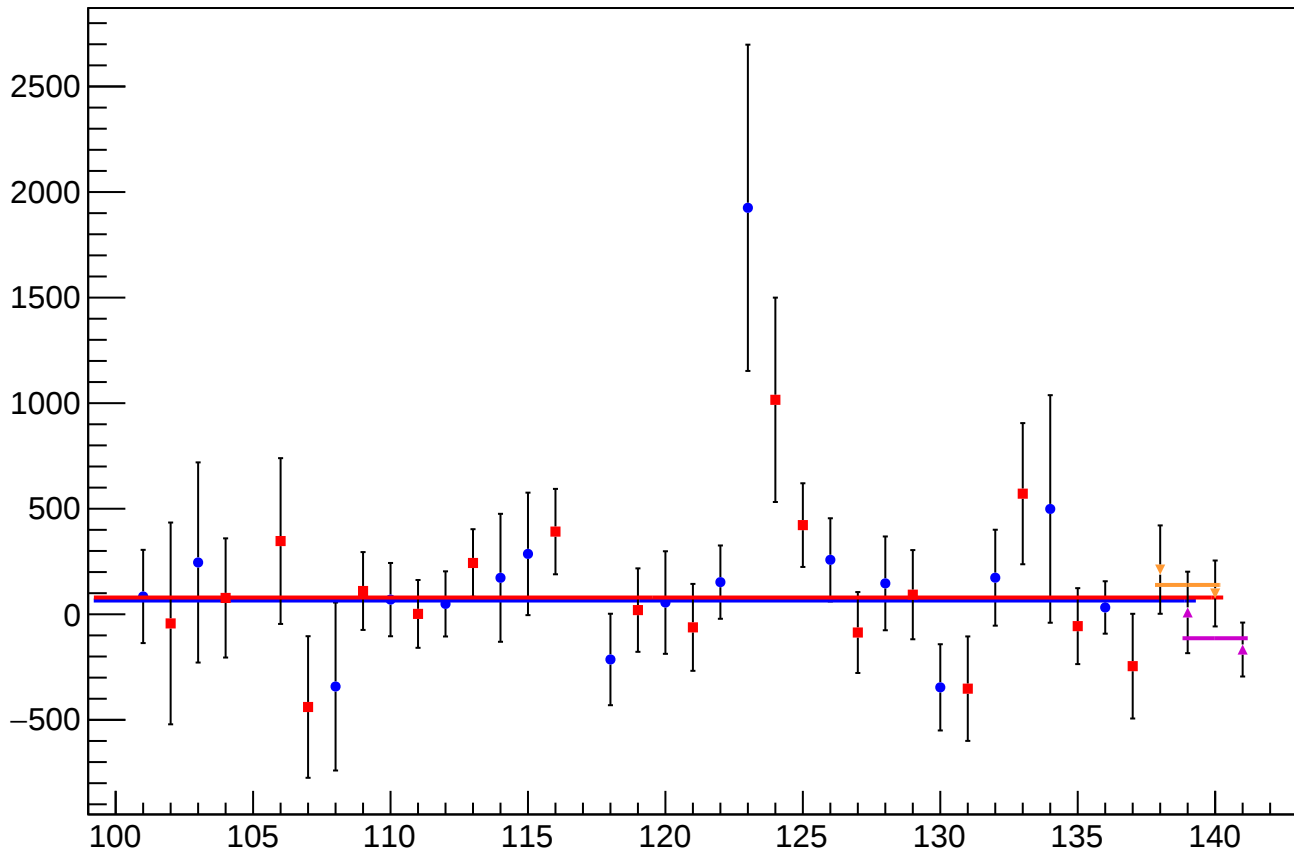
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 3011.933+/-0.784 χ^2/NDF : 1862892.7/18

Out: 3073.141+/-0.797 χ^2/NDF : 2224907.3/19

All: 3042.044+/-0.559 χ^2/NDF : 4090798.7/38

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 139.051+/-125.134 χ^2/NDF : 0.2/1

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: -113.407+/-106.513 χ^2/NDF : 0.6/1

Left: -7.342+/-81.108 χ^2/NDF : 3.1/3

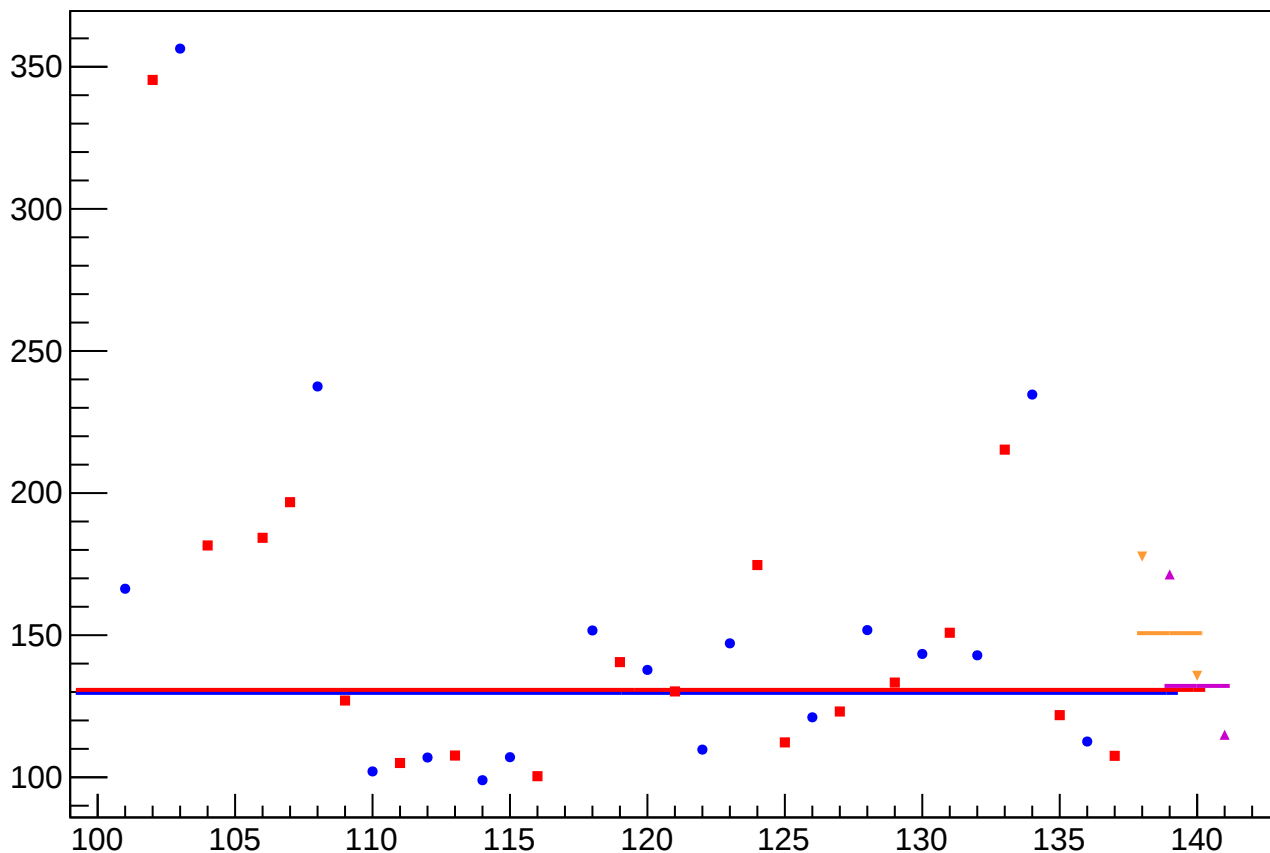
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 30.095+/-47.235 χ^2/NDF : 18.6/18

Out: 88.345+/-48.289 χ^2/NDF : 22.5/19

All: 58.577+/-33.767 χ^2/NDF : 41.8/38

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 150.714 $\pm$ 0.088 χ^2 /NDF: 51638.9/1

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 132.152 $\pm$ 0.075 χ^2 /NDF: 118863.7/1

Left: 139.950 $\pm$ 0.057 χ^2 /NDF: 196021.0/3

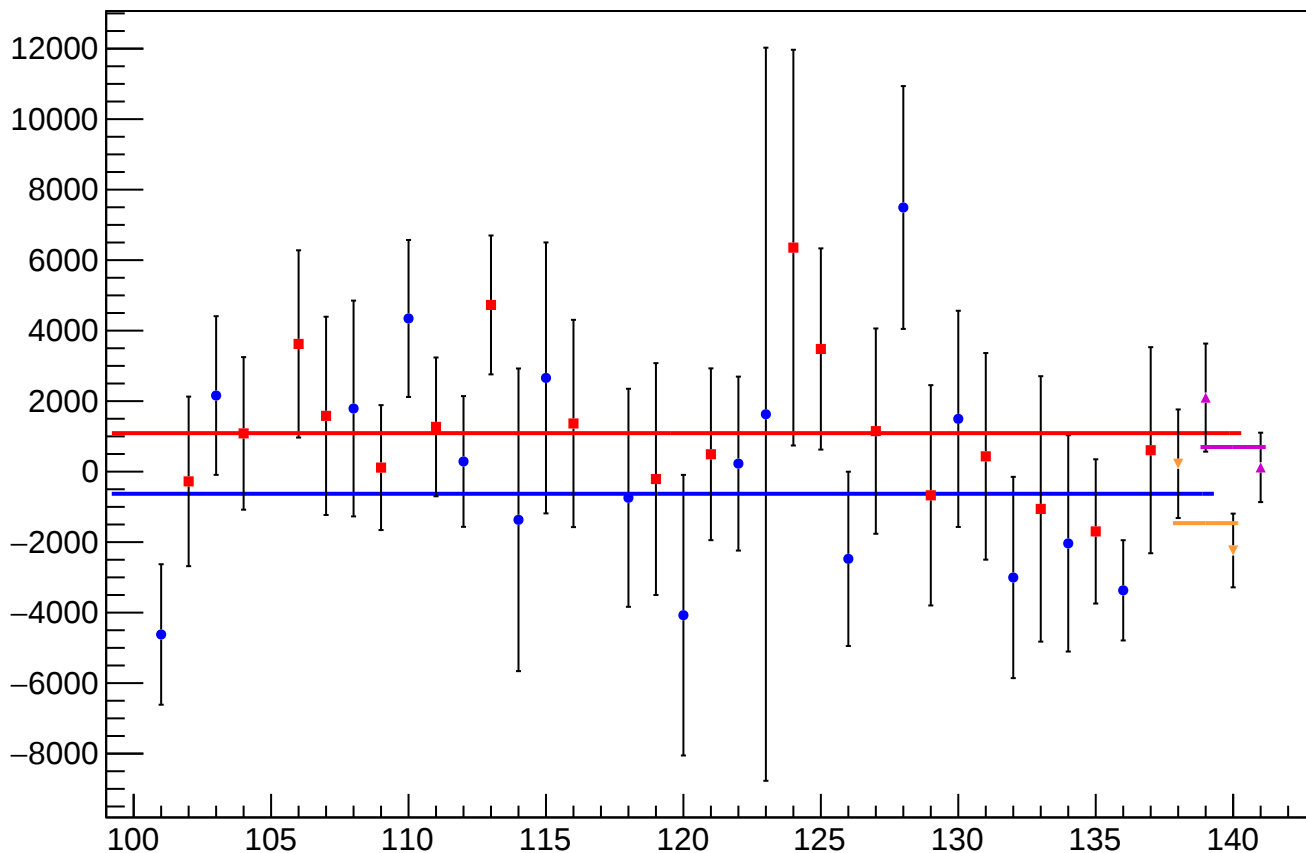
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 130.180 $\pm$ 0.033 χ^2 /NDF: 1109399.7/18

Out: 133.724 $\pm$ 0.034 χ^2 /NDF: 1022492.2/19

All: 131.913 $\pm$ 0.024 χ^2 /NDF: 2137399.0/38

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1460.660+/-865.201 χ^2/NDF : 1.7/1

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 698.101+/-828.484 χ^2/NDF : 1.2/1

Left: -334.502+/-598.386 χ^2/NDF : 6.2/3

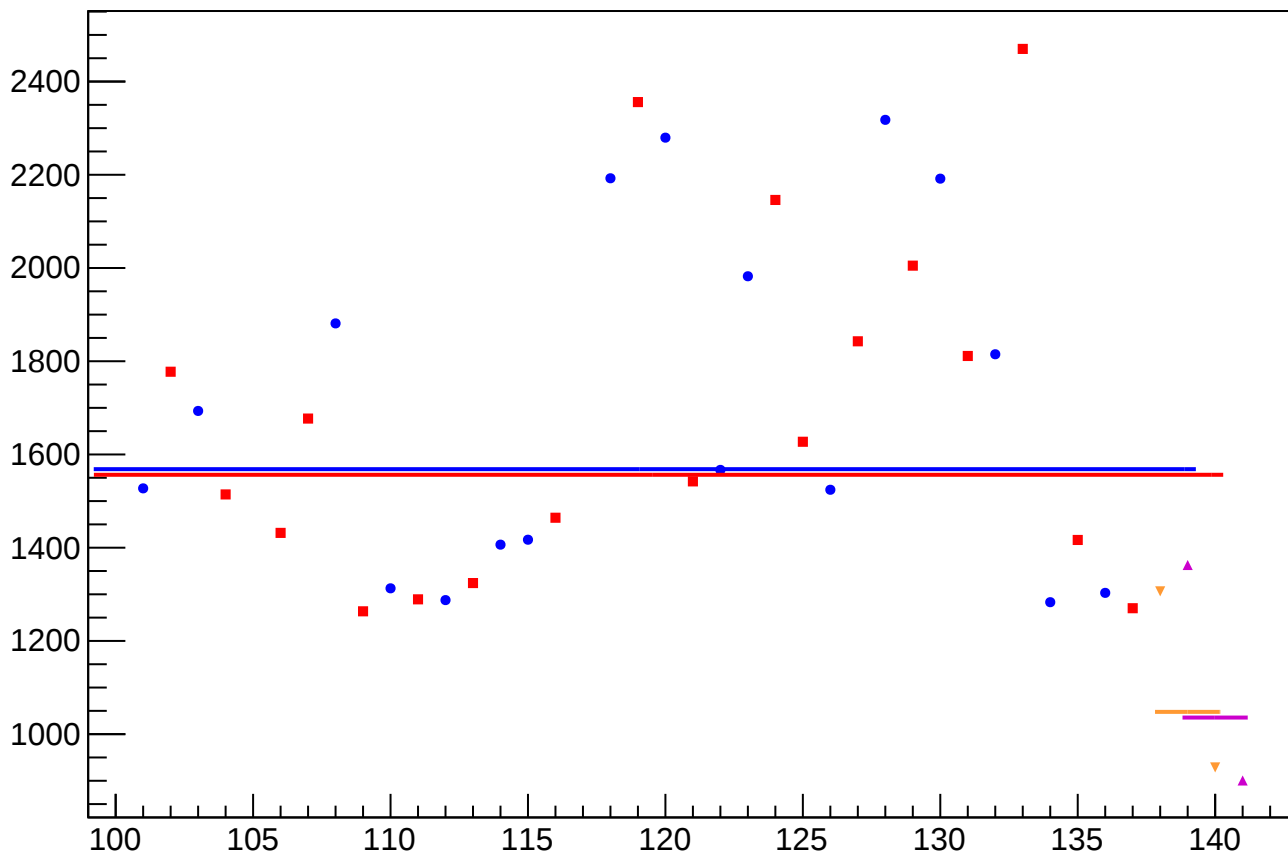
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -150.594+/-497.154 χ^2/NDF : 27.1/18

Out: 263.973+/-492.757 χ^2/NDF : 17.0/19

All: 58.530+/-349.976 χ^2/NDF : 44.5/38

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 1047.812+/-0.612 χ^2/NDF : 82303.7/1

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 1035.614+/-0.586 χ^2/NDF : 128707.8/1

Left: 1041.449+/-0.423 χ^2/NDF : 211218.9/3

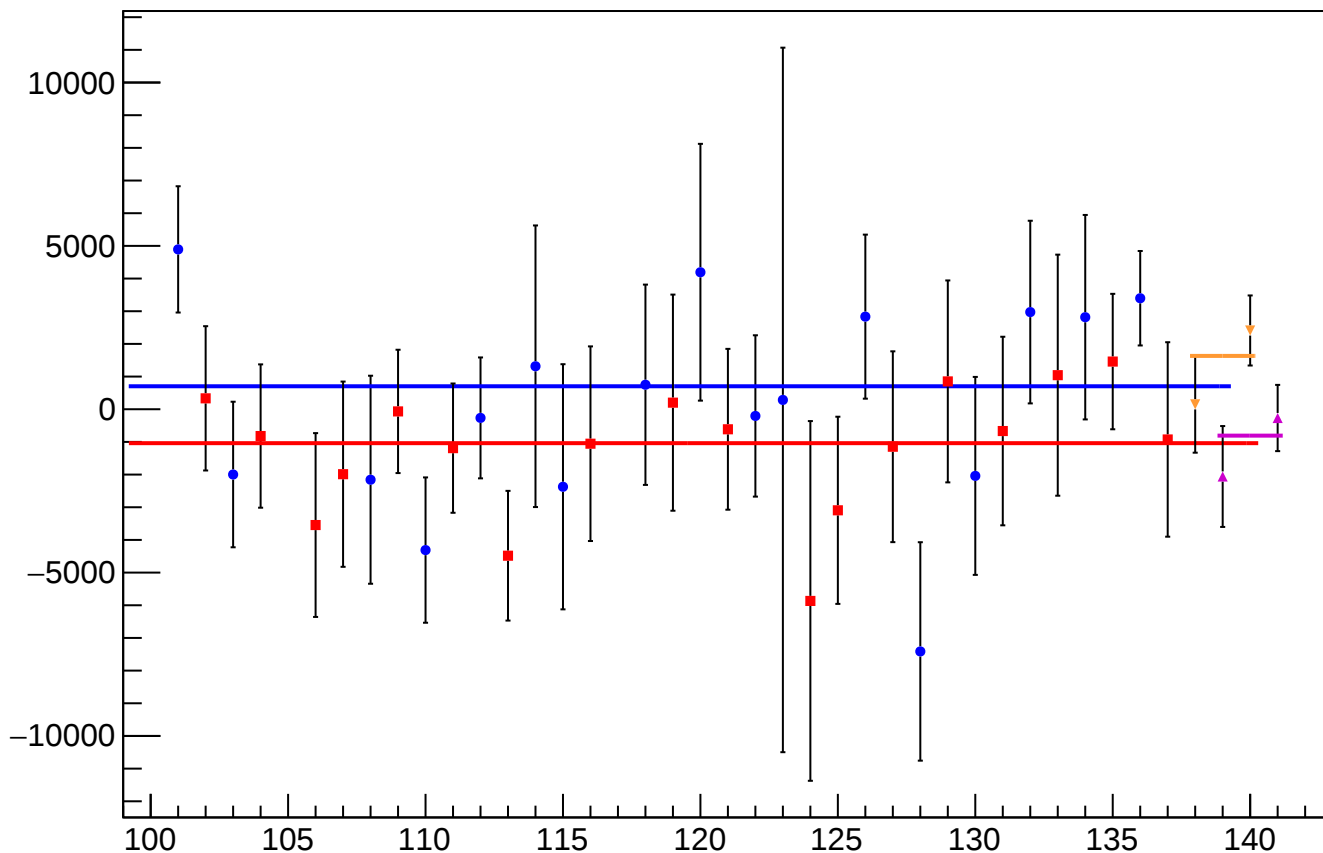
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1376.600+/-0.352 χ^2/NDF : 1192344.1/18

Out: 1391.448+/-0.348 χ^2/NDF : 1059718.1/19

All: 1384.090+/-0.247 χ^2/NDF : 2252962.2/38

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1632.356+/-868.282 χ^2/NDF :1.5/1

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -807.834+/-847.416 χ^2/NDF :0.9/1

Left: 382.588+/-606.457 χ^2/NDF : 6.5/3

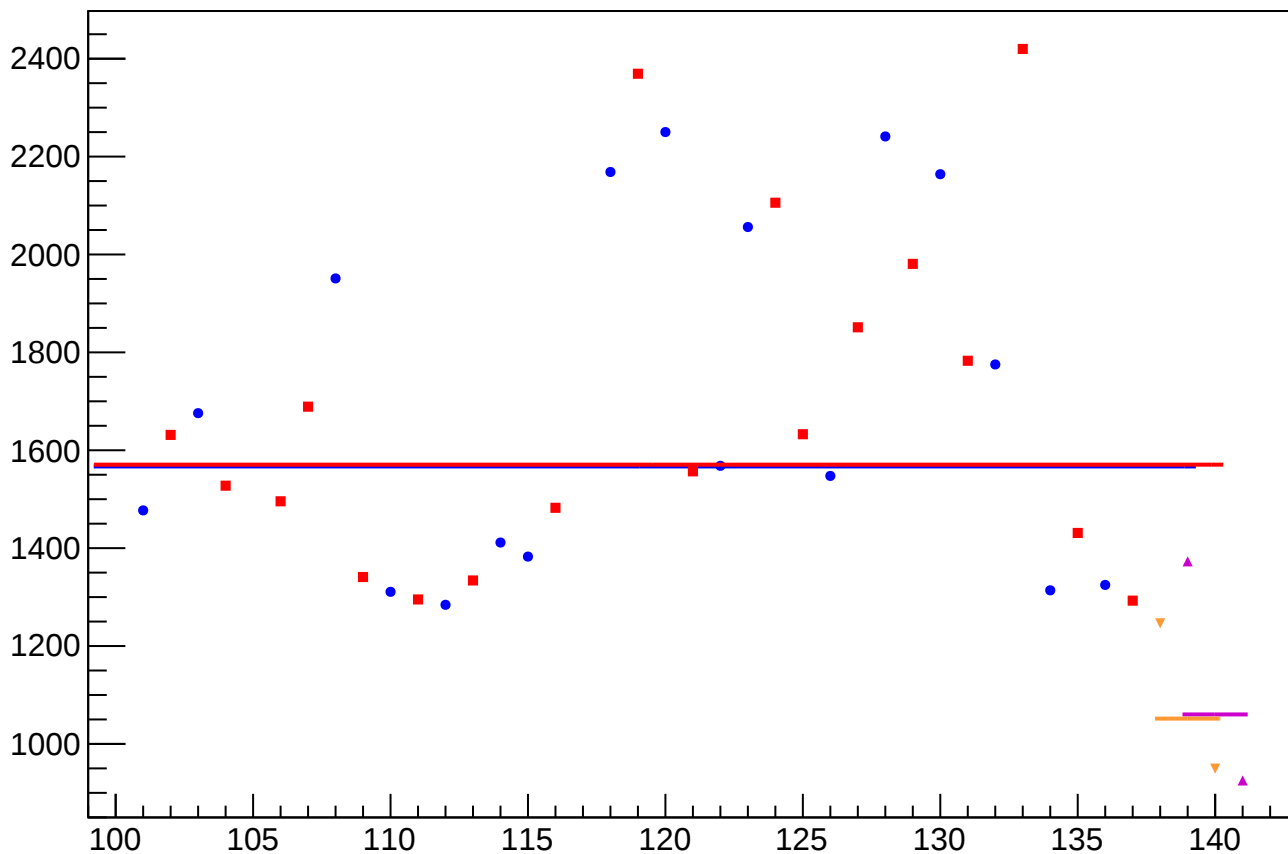
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 175.589+/-500.701 χ^2/NDF :29.0/18

Out: -167.001+/-495.971 χ^2/NDF :16.1/19

All: 2.668+/-352.365 χ^2/NDF : 45.3/38

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 1051.725 $\pm$ 0.614 χ^2 /NDF: 52776.5/1

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 1060.241 $\pm$ 0.599 χ^2 /NDF: 117484.0/1

Left: 1056.087 $\pm$ 0.429 χ^2 /NDF: 170359.1/3

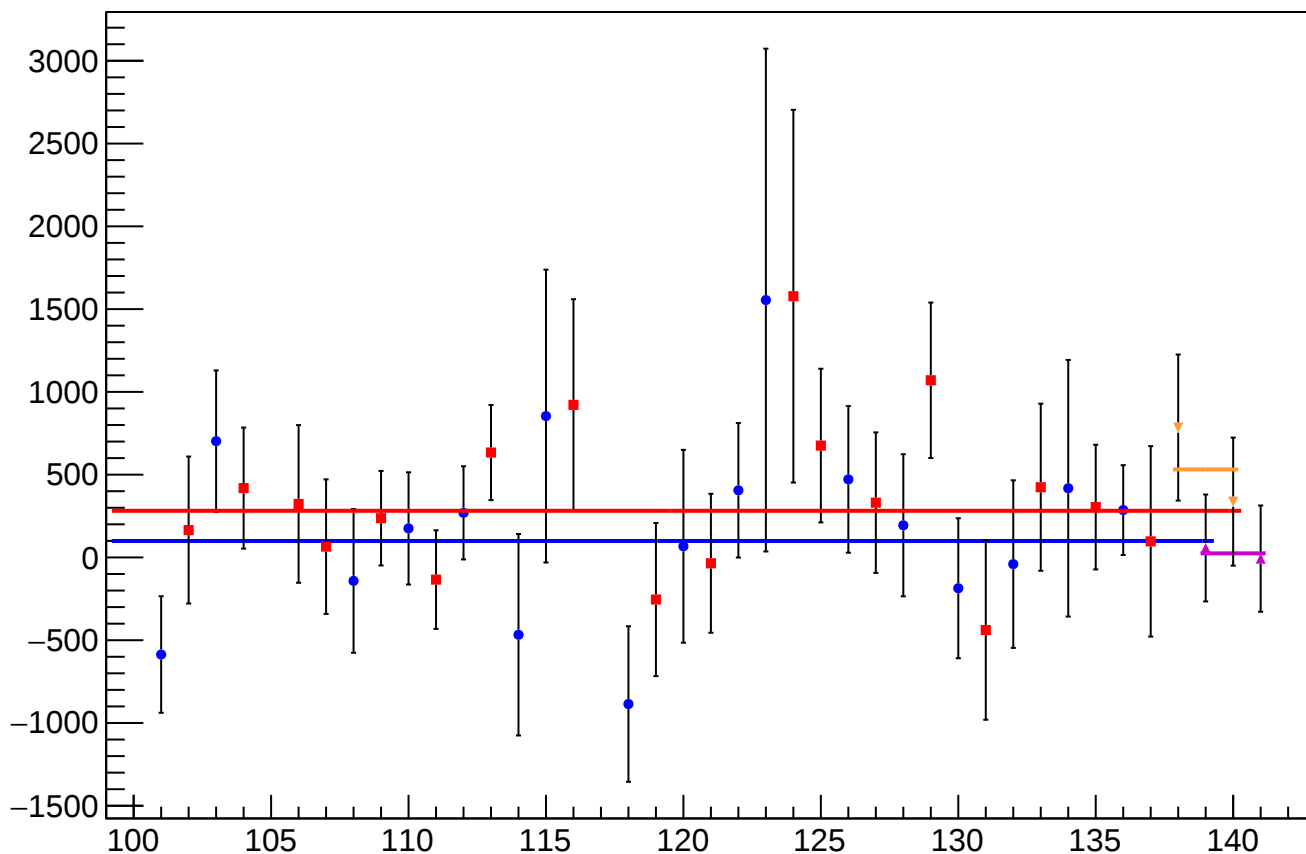
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1390.044 $\pm$ 0.354 χ^2 /NDF: 1082742.8/18

Out: 1401.267 $\pm$ 0.351 χ^2 /NDF: 973128.0/19

All: 1395.709 $\pm$ 0.249 χ^2 /NDF: 2056377.9/38

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387+/-103.463 χ^2/NDF : 15.9/16

Left Out: 531.561+/-290.819 χ^2/NDF : 0.6/1

Right Out: 281.830+/-97.880 χ^2/NDF : 13.7/17

Left In: 24.766+/-227.625 χ^2/NDF : 0.0/1

Left: 217.294+/-179.248 χ^2/NDF : 2.5/3

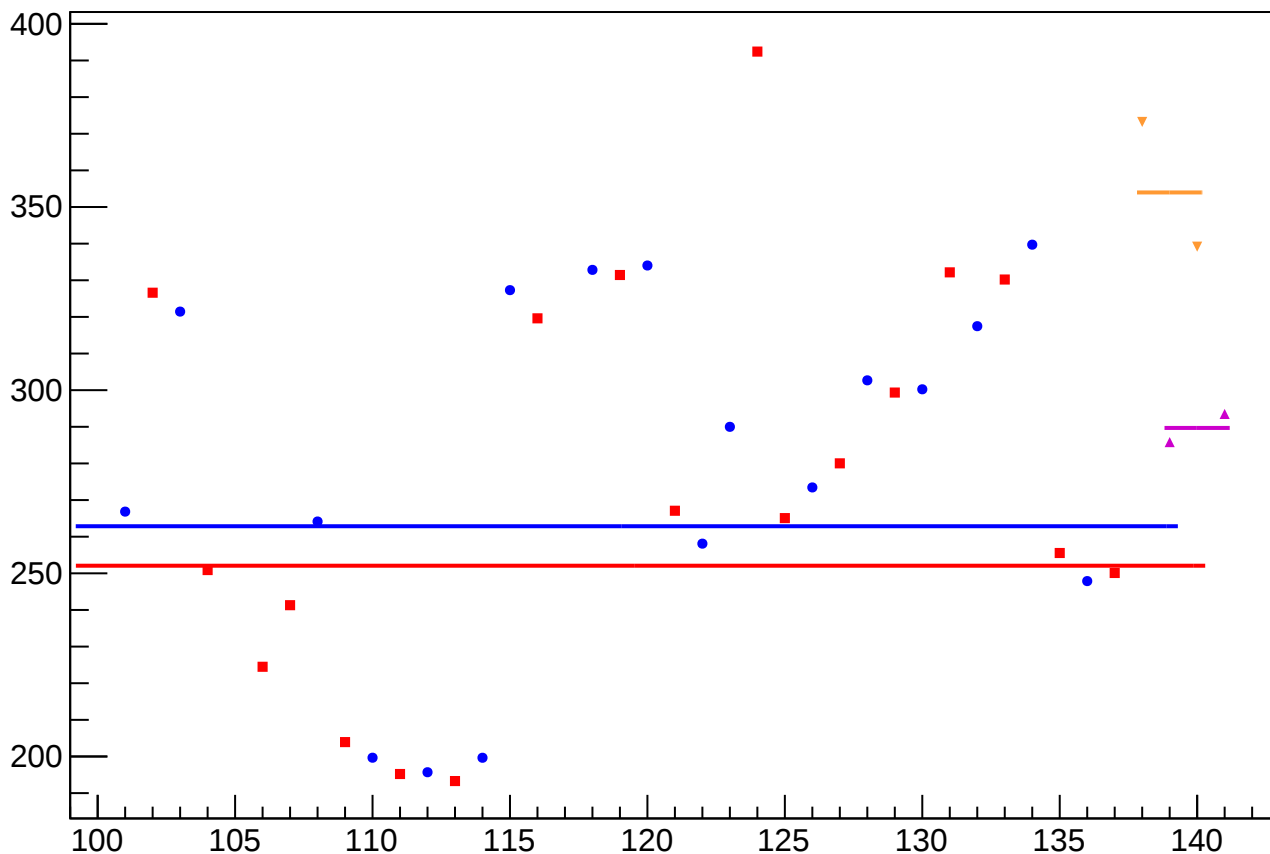
Right: 195.664+/-71.104 χ^2/NDF : 31.3/34

In: 86.610+/-94.190 χ^2/NDF : 16.0/18

Out: 307.241+/-92.767 χ^2/NDF : 15.0/19

All: 198.605+/-66.093 χ^2/NDF : 33.8/38

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 353.974+/-0.206 χ^2/NDF : 6736.7/1

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 289.690+/-0.161 χ^2/NDF : 570.8/1

Left: 314.111+/-0.127 χ^2/NDF : 67906.2/3

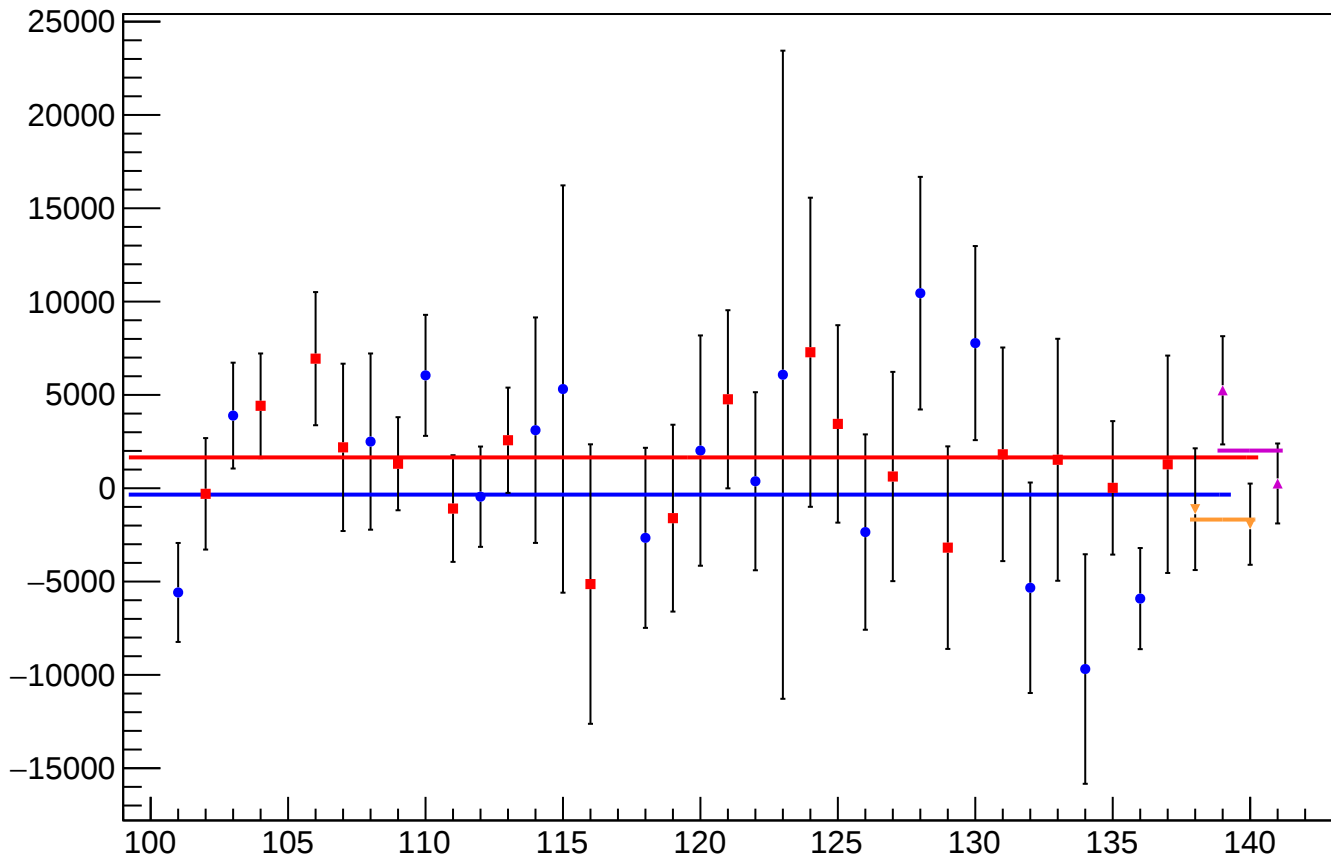
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 267.451+/-0.067 χ^2/NDF : 435303.7/18

Out: 262.447+/-0.066 χ^2/NDF : 742426.8/19

All: 264.911+/-0.047 χ^2/NDF : 1180595.6/38

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -1678.417 ± 1809.791 χ^2/NDF : 0.0/1

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 2017.563 ± 1722.814 χ^2/NDF : 1.9/1

Left: 260.517 ± 1247.829 χ^2/NDF : 4.1/3

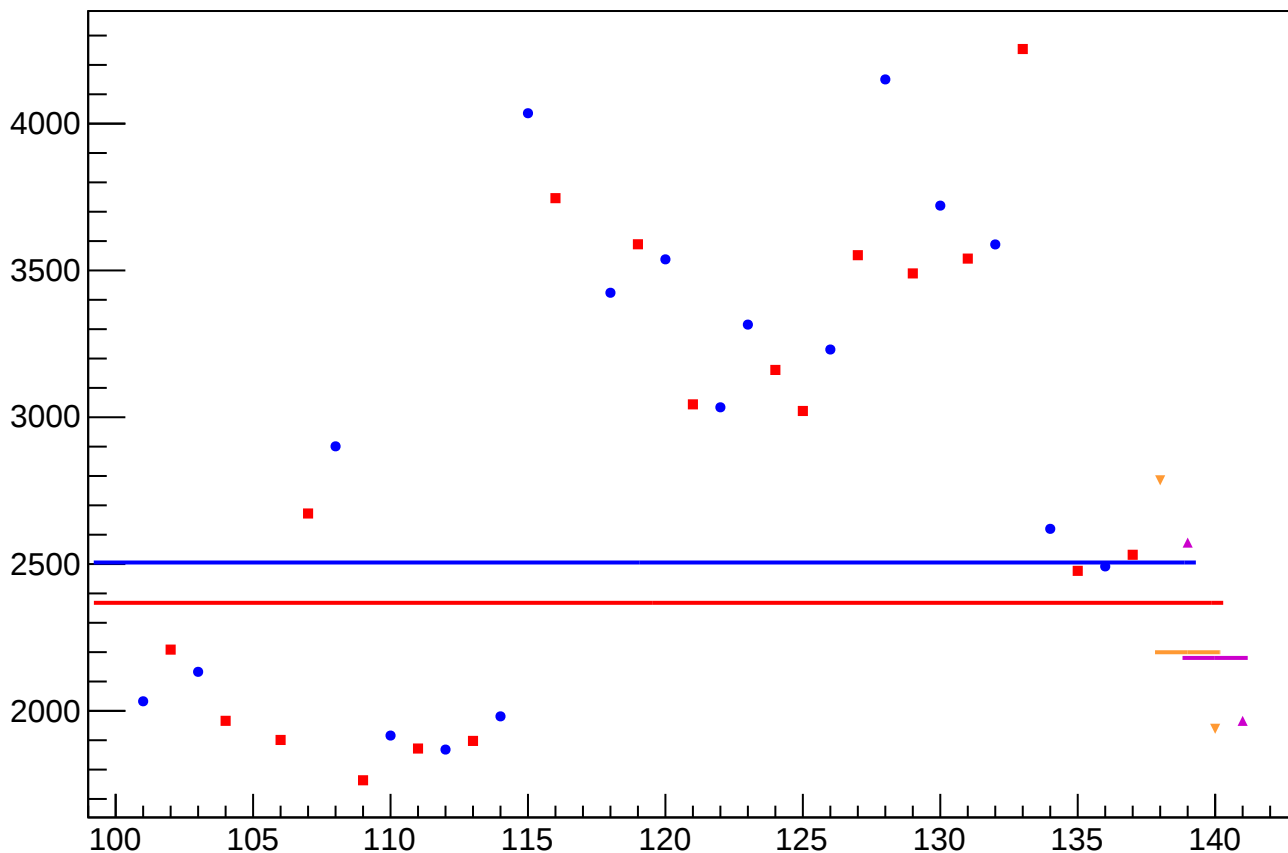
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 257.102 ± 867.857 χ^2/NDF : 27.7/18

Out: 956.405 ± 827.077 χ^2/NDF : 10.7/19

All: 623.569 ± 598.729 χ^2/NDF : 38.7/38

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2199.642+/-1.280 χ^2/NDF : 93191.6/1

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2180.345+/-1.218 χ^2/NDF : 56723.4/1

Left: 2189.519+/-0.882 χ^2/NDF : 150034.2/3

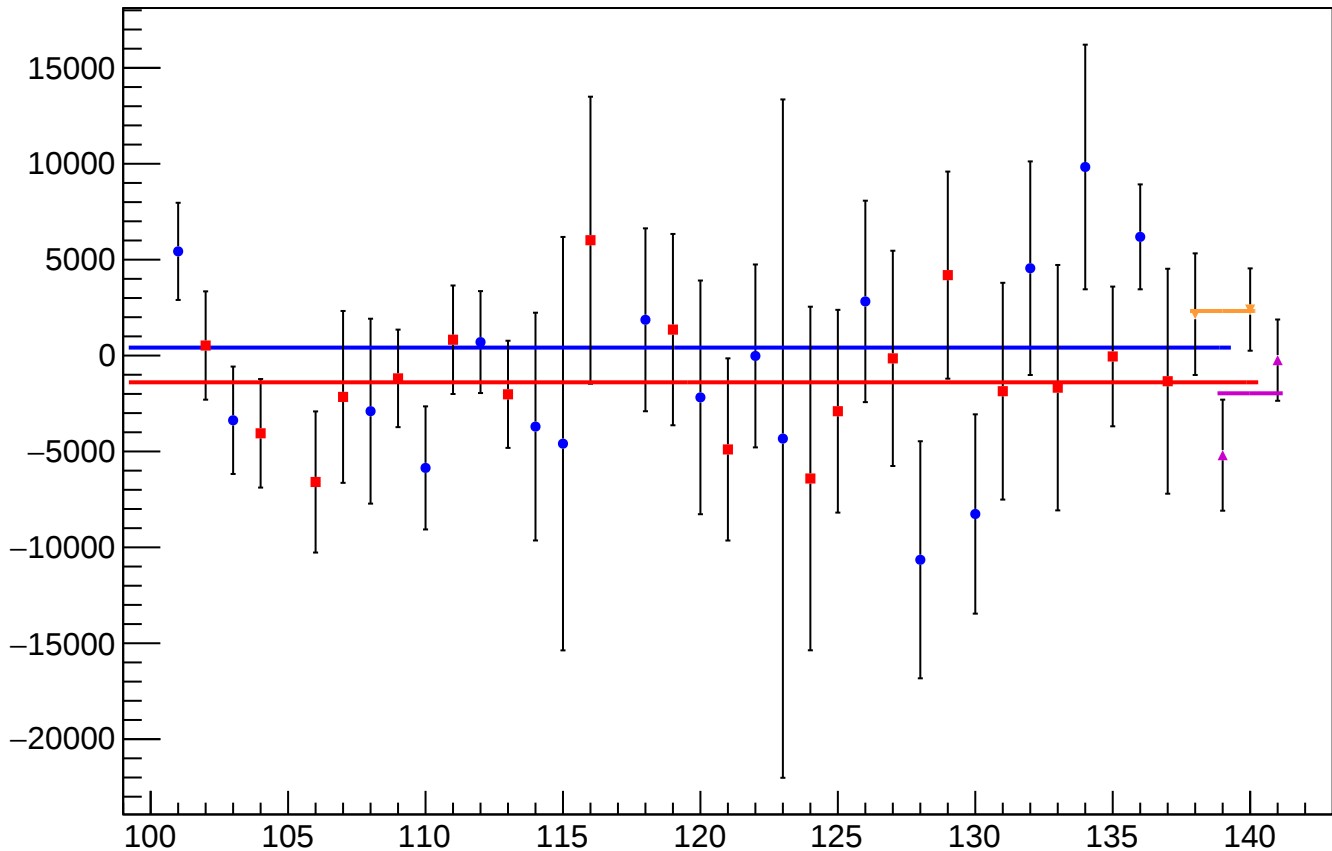
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2422.862+/-0.614 χ^2/NDF : 973964.8/18

Out: 2332.841+/-0.585 χ^2/NDF : 1137764.9/19

All: 2375.687+/-0.423 χ^2/NDF : 2123006.7/38

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2323.401+/-1777.263 χ^2/NDF : 0.0/1

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1967.795+/-1709.948 χ^2/NDF : 1.9/1

Left: 95.000+/-1232.226 χ^2/NDF : 4.9/3

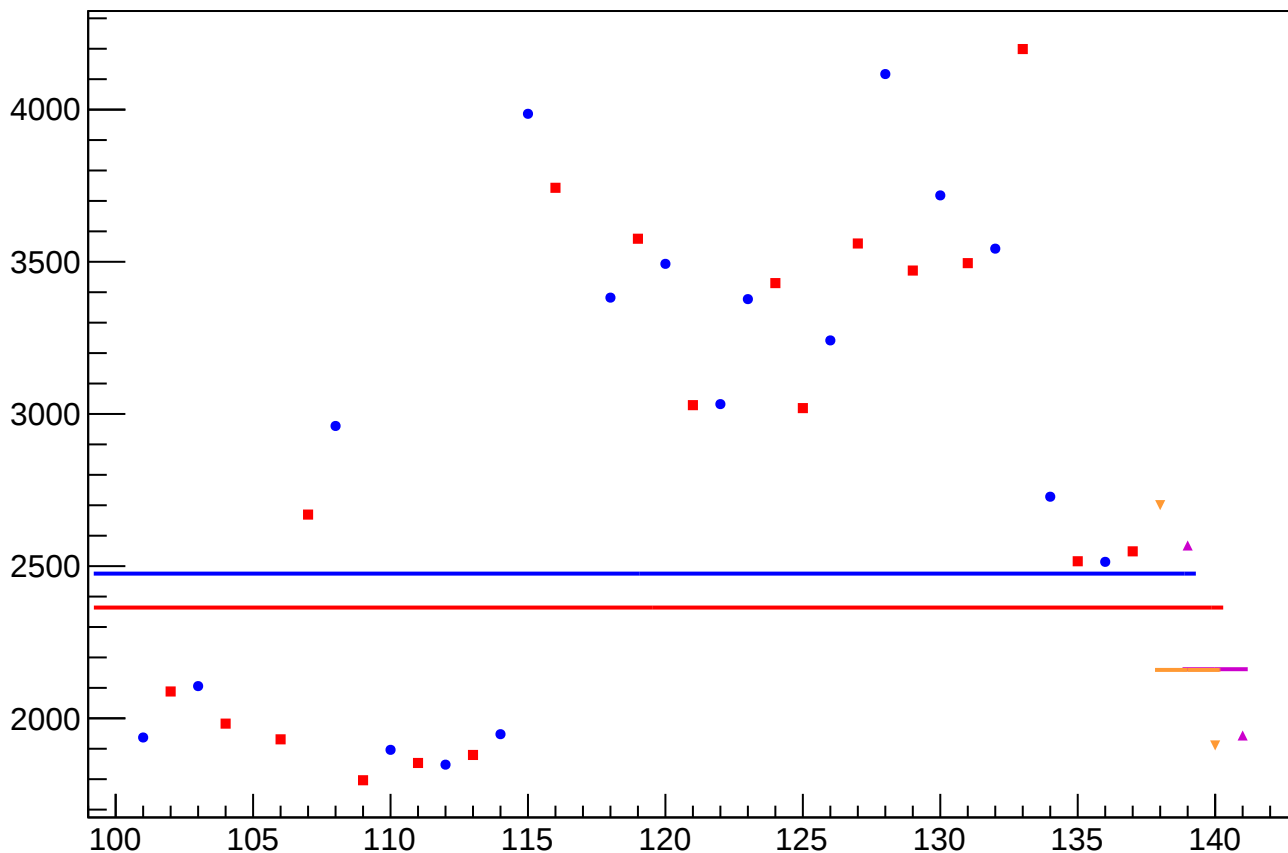
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -187.234+/-859.944 χ^2/NDF : 27.9/18

Out: -596.785+/-823.305 χ^2/NDF : 11.0/19

All: -400.920+/-594.696 χ^2/NDF : 39.0/38

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2159.010+/-1.257 χ^2/NDF : 85061.2/1

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2161.364+/-1.209 χ^2/NDF : 60556.3/1

Left: 2160.233+/-0.871 χ^2/NDF : 145619.3/3

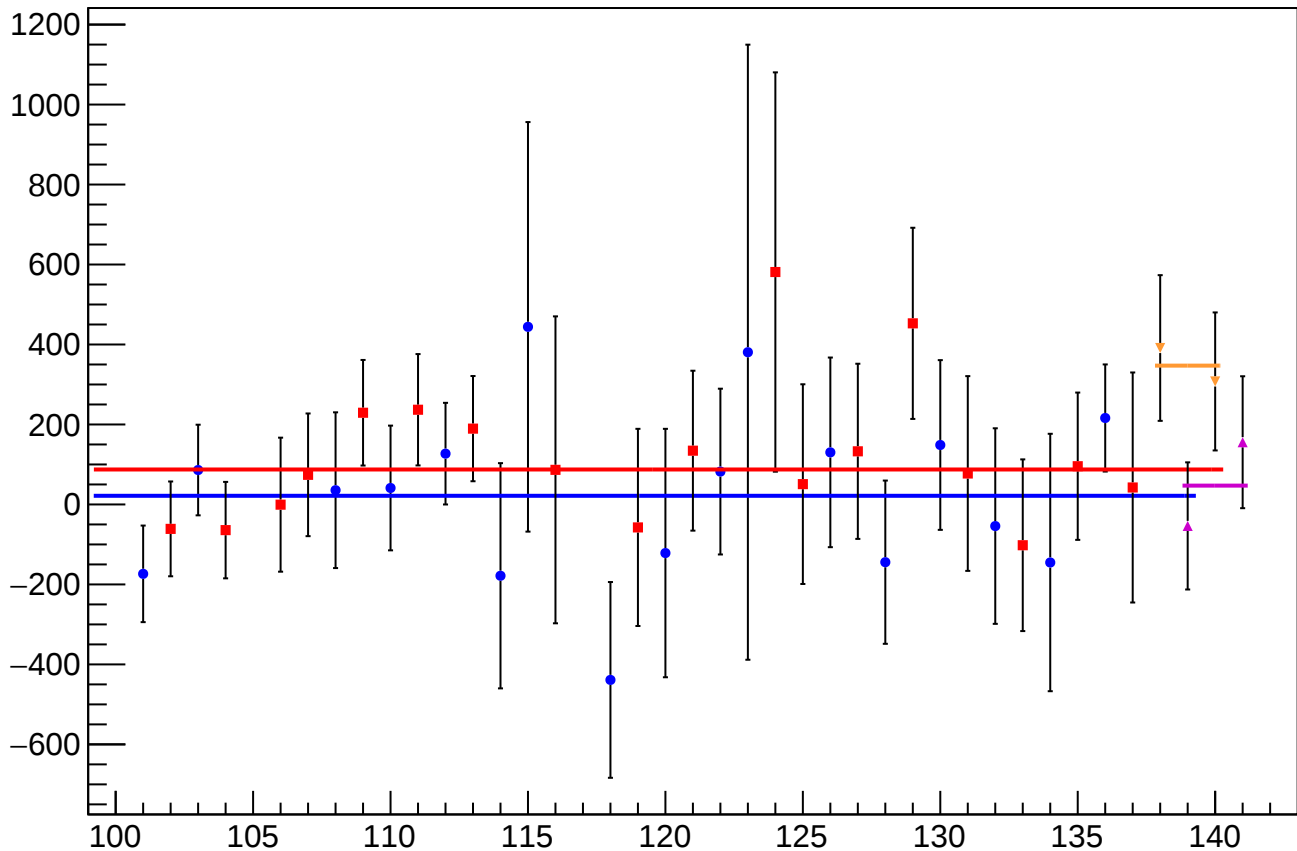
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2396.002+/-0.608 χ^2/NDF : 1024036.5/18

Out: 2319.937+/-0.582 χ^2/NDF : 1132814.8/19

All: 2356.315+/-0.421 χ^2/NDF : 2165015.6/38

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649+/-45.157 χ^2/NDF : 12.6/16

Left Out: 347.158+/-125.277 χ^2/NDF : 0.1/1

Right Out: 87.439+/-41.826 χ^2/NDF : 10.9/17

Left In: 47.092+/-114.466 χ^2/NDF : 0.8/1

Left: 183.621+/-84.504 χ^2/NDF : 4.1/3

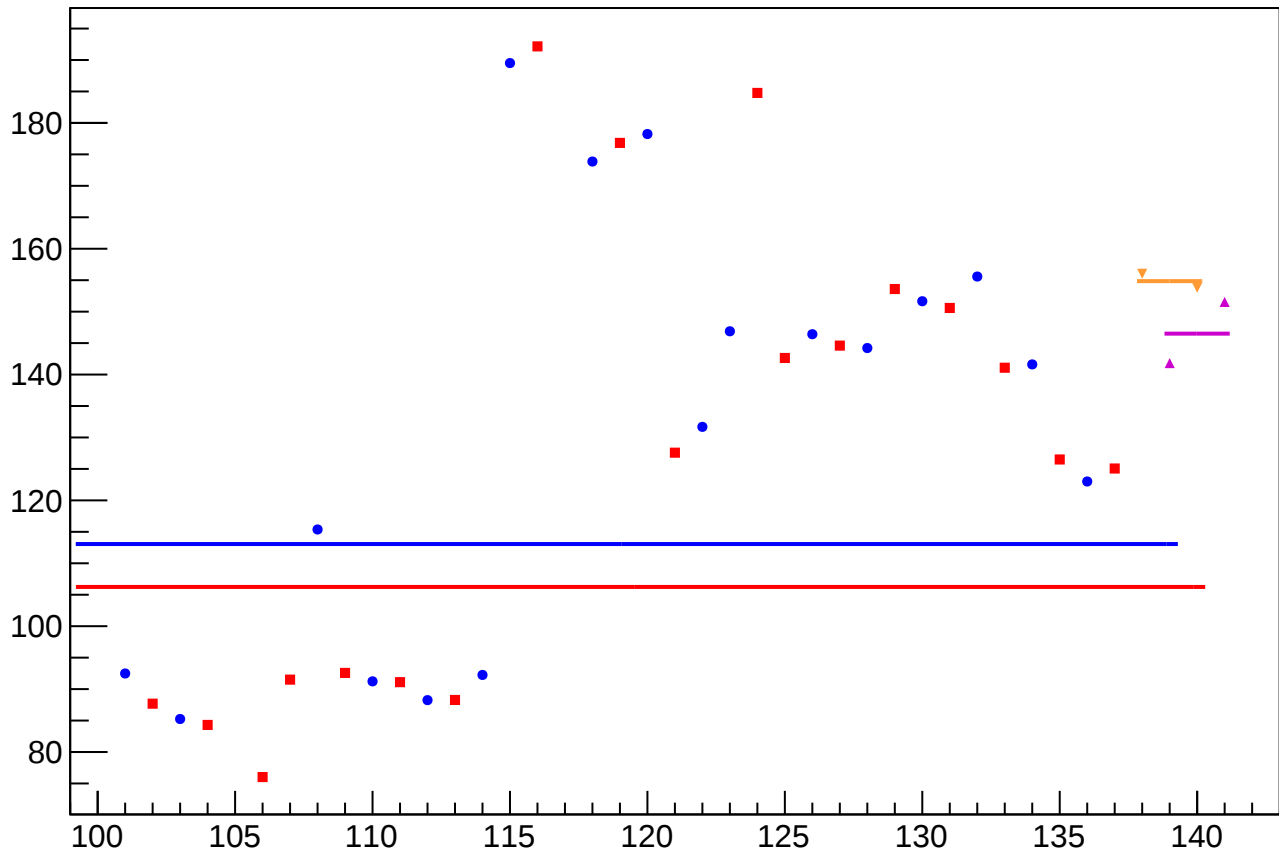
Right: 57.059+/-30.686 χ^2/NDF : 24.7/34

In: 25.075+/-42.006 χ^2/NDF : 13.5/18

Out: 113.486+/-39.674 χ^2/NDF : 14.9/19

All: 71.803+/-28.843 χ^2/NDF : 30.7/38

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 154.852+/-0.089 χ^2/NDF :156.5/1

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 146.505+/-0.081 χ^2/NDF :3605.0/1

Left: 150.303+/-0.060 χ^2/NDF : 8600.2/3

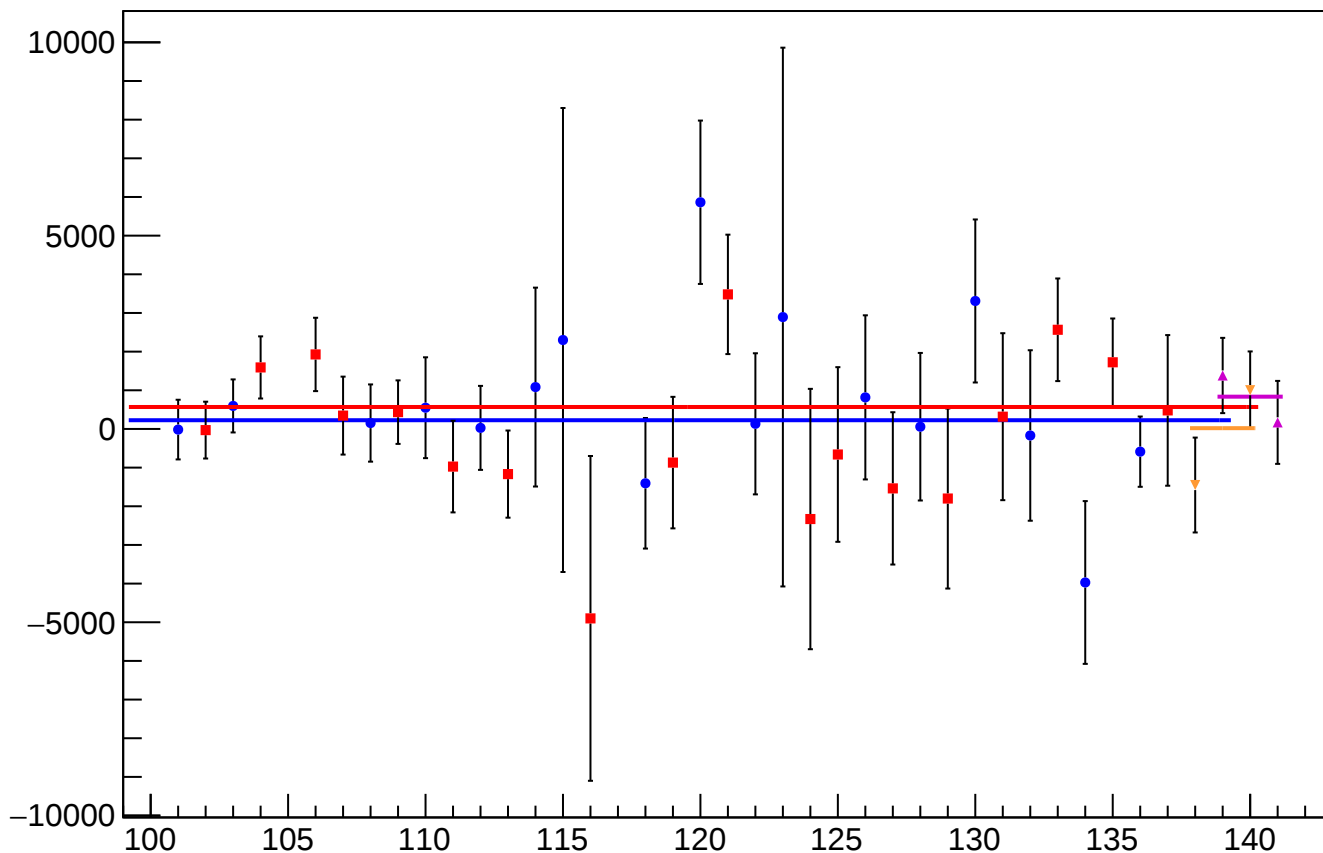
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 117.563+/-0.030 χ^2/NDF :972160.6/18

Out: 111.115+/-0.028 χ^2/NDF :1222795.8/19

All: 114.155+/-0.020 χ^2/NDF : 2219860.5/38

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: 20.207 $\pm$ 776.495 χ^2 /NDF:2.4/1

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 834.986 $\pm$ 721.005 χ^2 /NDF:0.7/1

Left: 457.747 $\pm$ 528.357 χ^2 /NDF: 3.7/3

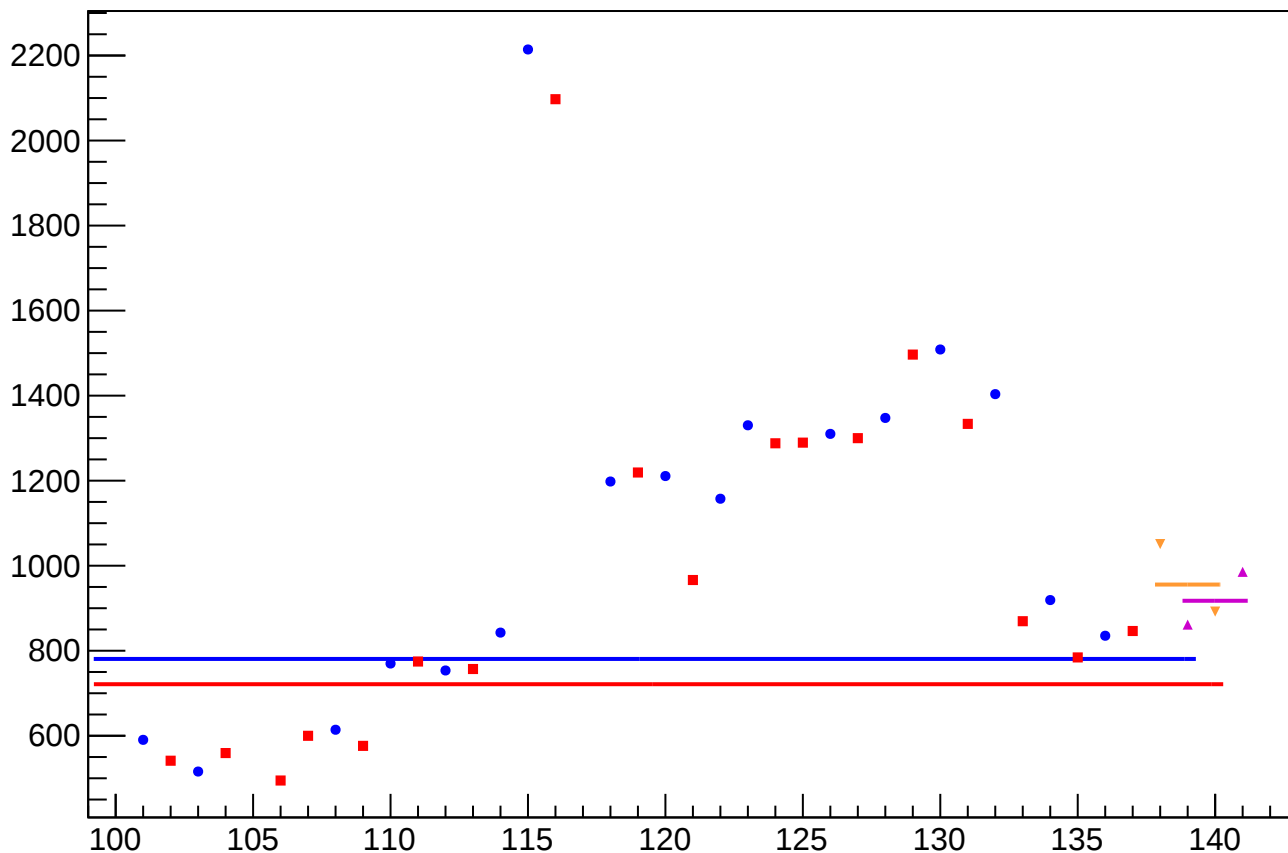
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 326.652 $\pm$ 293.564 χ^2 /NDF:17.3/18

Out: 500.838 $\pm$ 272.083 χ^2 /NDF:23.8/19

All: 420.351 $\pm$ 199.554 χ^2 /NDF: 41.3/38

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 955.669+/-0.549 χ^2/NDF :20090.1/1

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 917.518+/-0.510 χ^2/NDF :14676.6/1

Left: 935.182+/-0.374 χ^2/NDF : 37359.3/3

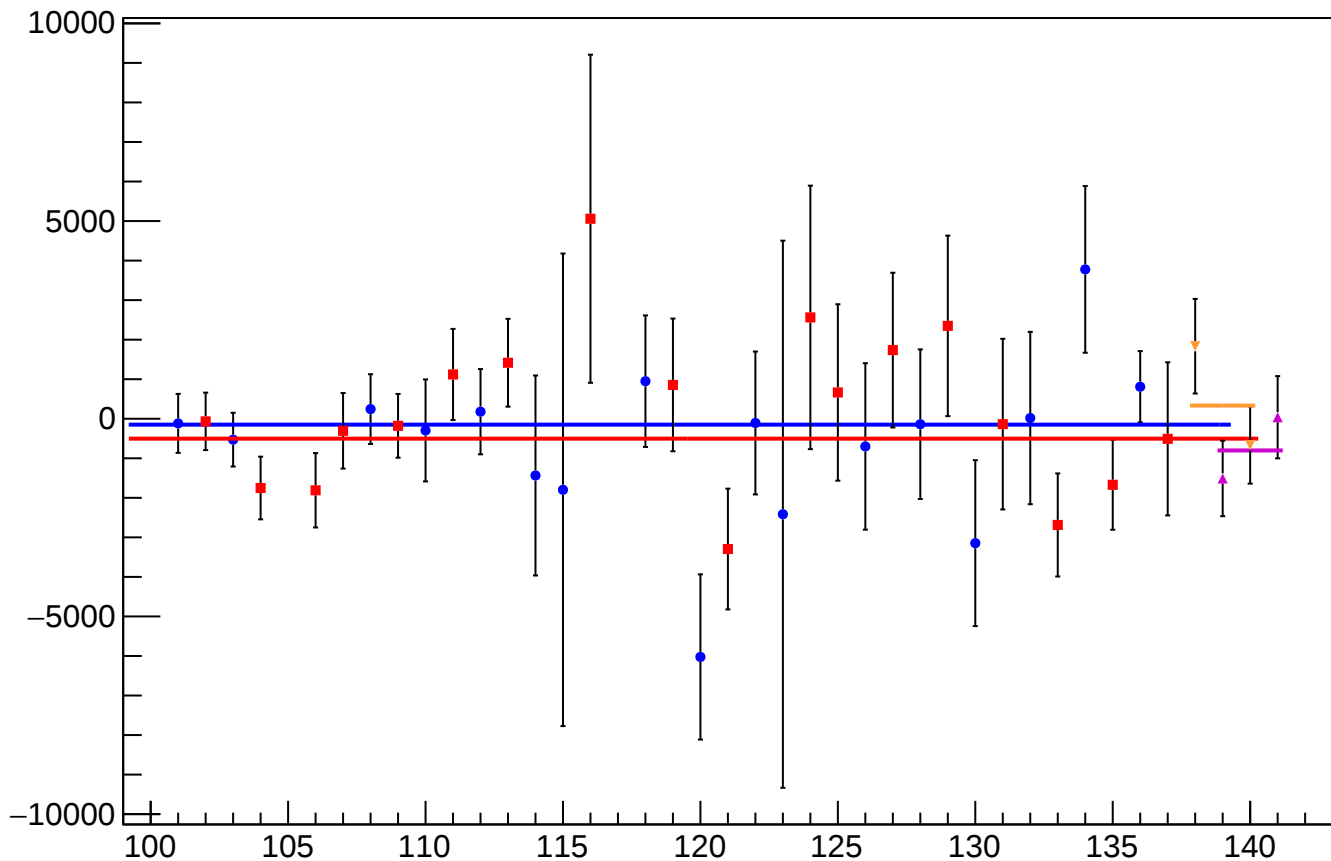
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 803.382+/-0.208 χ^2/NDF :1684265.7/18

Out: 750.044+/-0.192 χ^2/NDF :1806599.3/19

All: 774.690+/-0.141 χ^2/NDF : 3526380.4/38

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 333.501+/-756.046 χ^2/NDF : 2.6/1

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -801.757+/-702.954 χ^2/NDF : 1.2/1

Left: -275.385+/-514.811 χ^2/NDF : 5.0/3

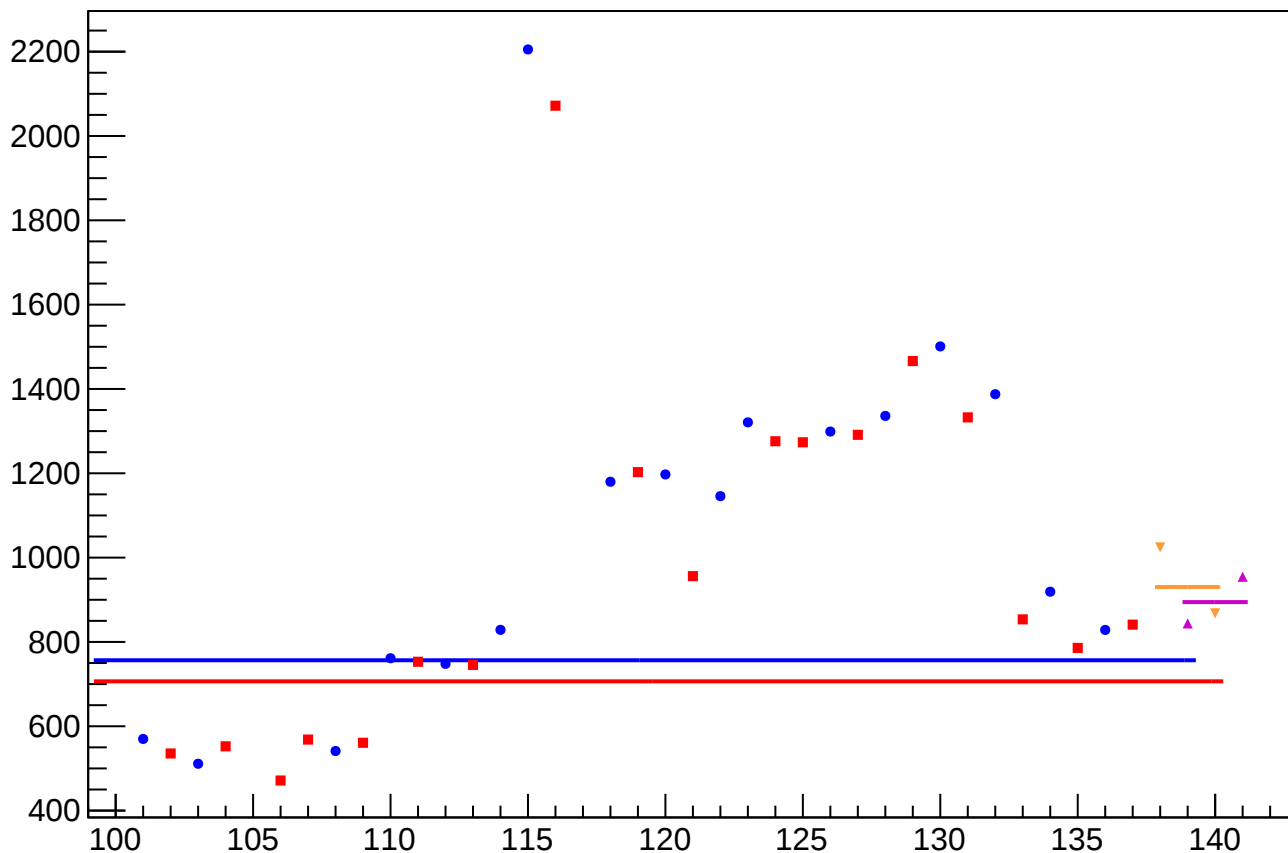
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -257.118+/-285.908 χ^2/NDF : 18.0/18

Out: -398.565+/-267.321 χ^2/NDF : 27.3/19

All: -332.588+/-195.265 χ^2/NDF : 45.5/38

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 930.295+/-0.535 χ^2/NDF : 20543.3/1

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 894.528+/-0.497 χ^2/NDF : 12309.8/1

Left: 911.112+/-0.364 χ^2/NDF : 35253.9/3

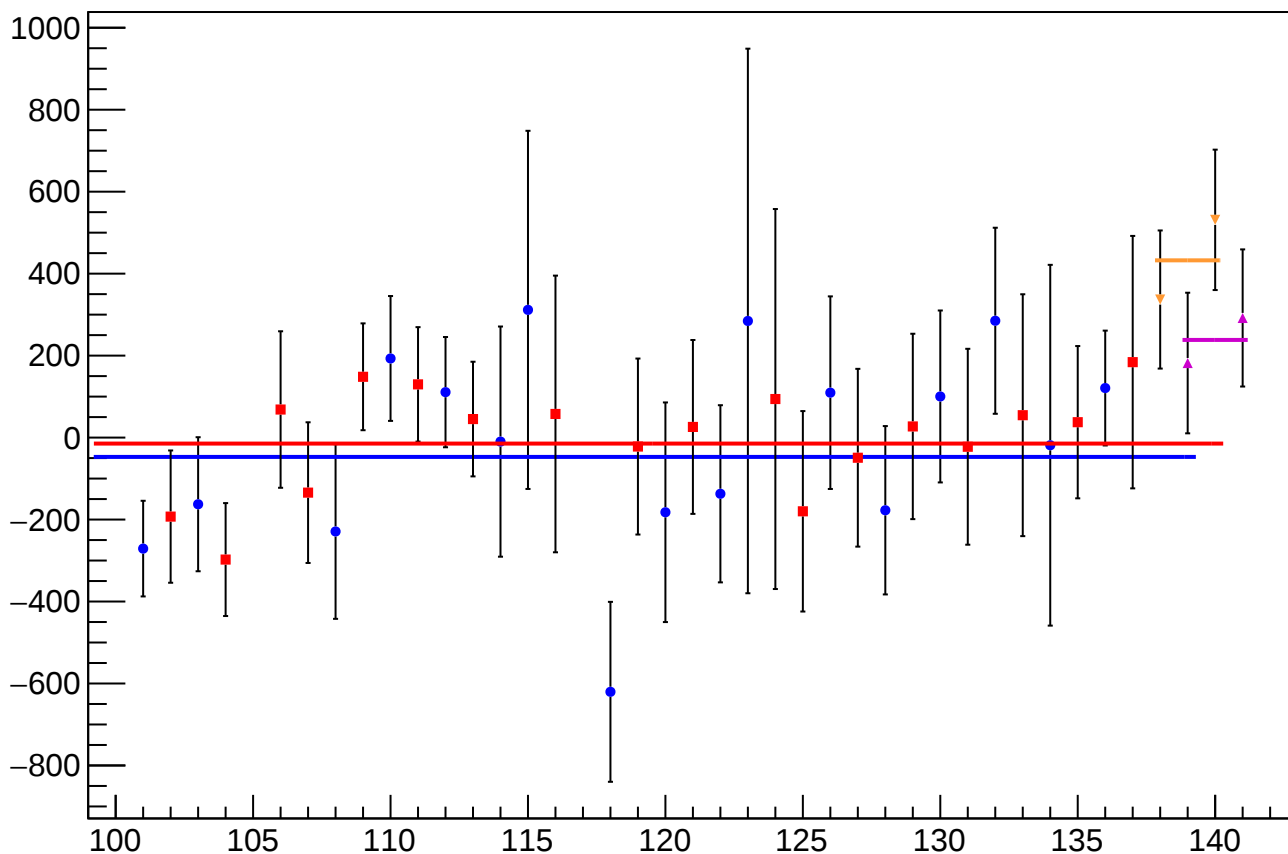
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 779.366+/-0.202 χ^2/NDF : 1790269.9/18

Out: 734.522+/-0.189 χ^2/NDF : 1843815.2/19

All: 755.439+/-0.138 χ^2/NDF : 3660337.0/38

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 432.465 ± 120.115 χ^2/NDF : 0.7/1

Right Out: -14.620 ± 44.849 χ^2/NDF : 10.1/17

Left In: 238.270 ± 119.766 χ^2/NDF : 0.2/1

Left: 335.085 ± 84.811 χ^2/NDF : 2.2/3

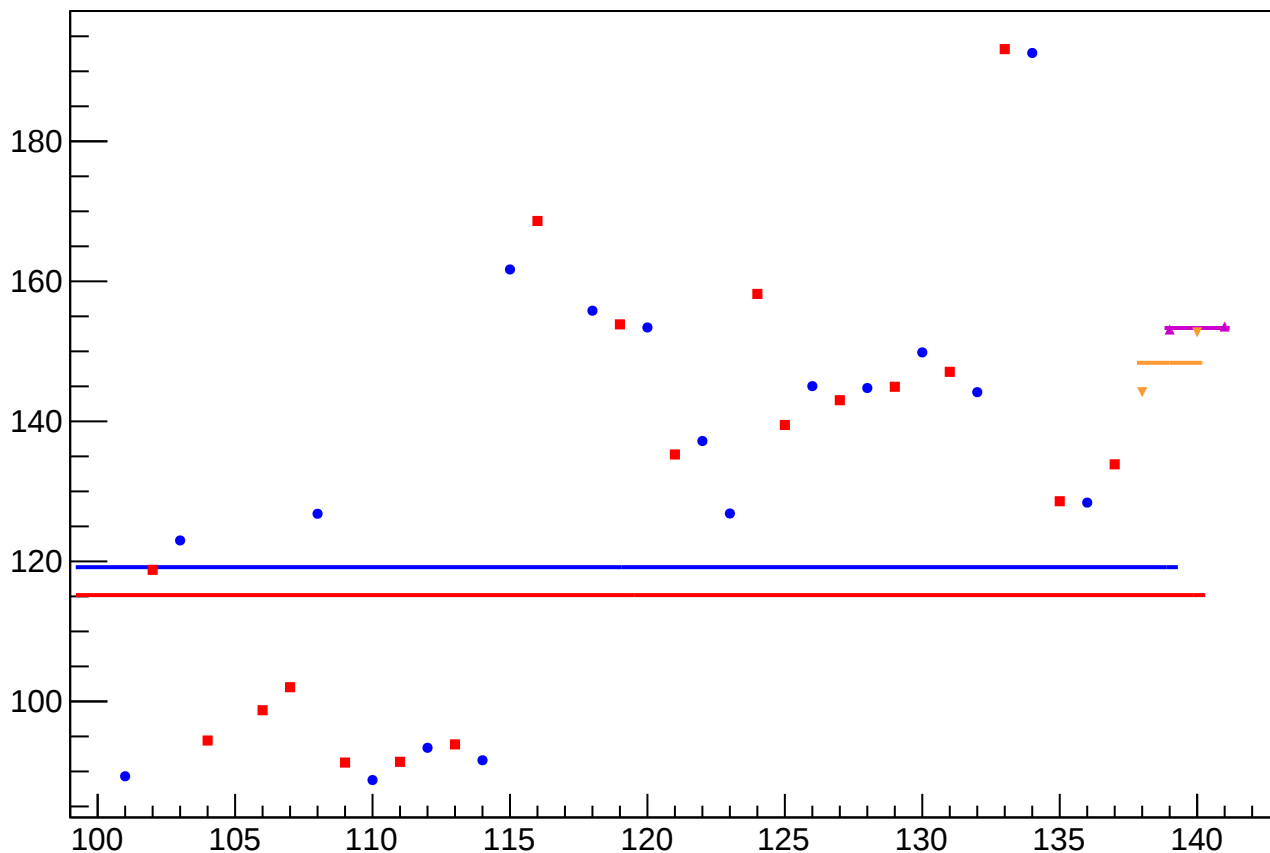
Right: -30.035 ± 32.535 χ^2/NDF : 32.3/34

In: -8.689 ± 43.968 χ^2/NDF : 27.0/18

Out: 40.084 ± 42.016 χ^2/NDF : 23.0/19

All: 16.804 ± 30.376 χ^2/NDF : 50.6/38

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 148.364+/-0.085 χ^2/NDF : 2529.6/1

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 153.339+/-0.085 χ^2/NDF : 6.3/1

Left: 150.859+/-0.060 χ^2/NDF : 4256.1/3

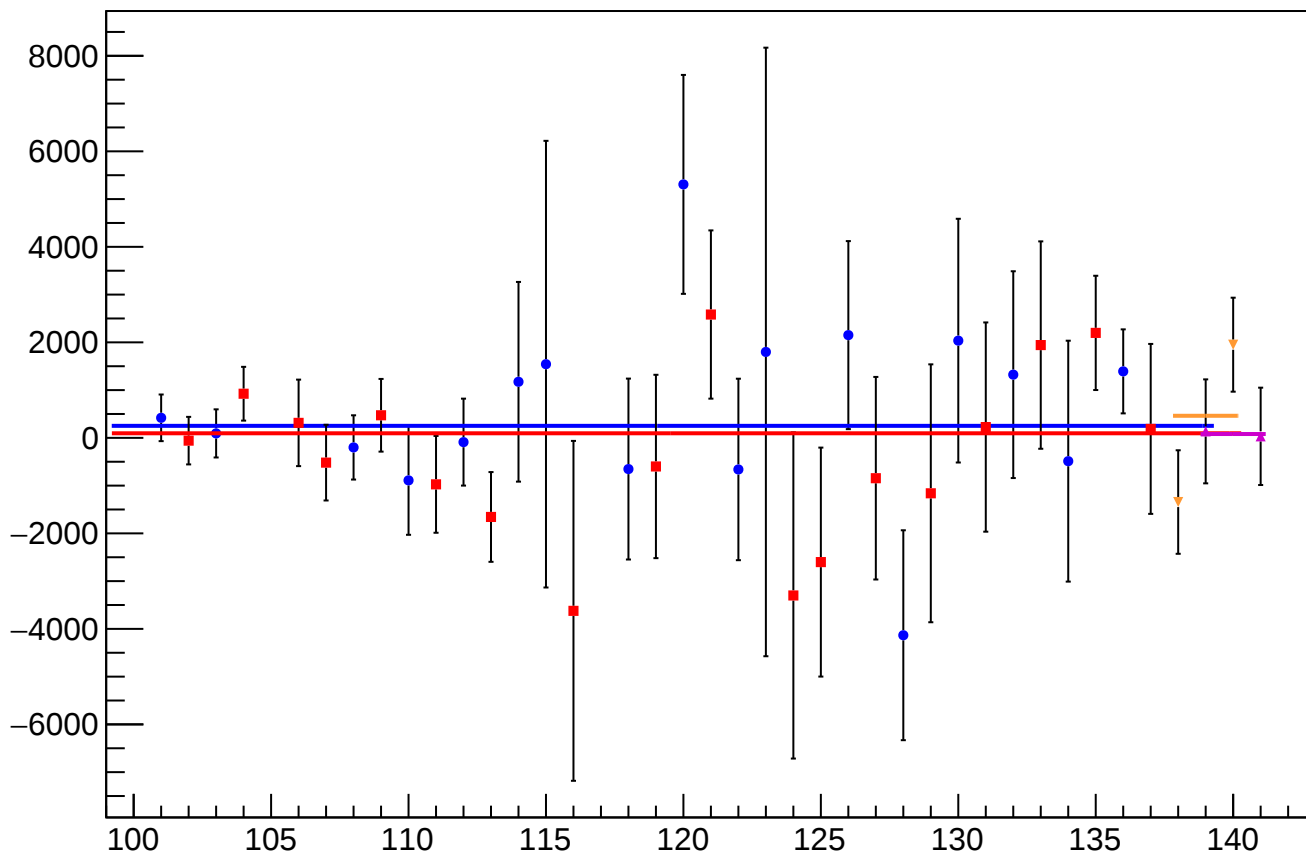
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 123.780+/-0.031 χ^2/NDF : 756116.0/18

Out: 119.247+/-0.030 χ^2/NDF : 812004.5/19

All: 121.410+/-0.021 χ^2/NDF : 1579229.7/38

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 462.389+/-728.548 χ^2/NDF : 5.1/1

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 80.473+/-744.013 χ^2/NDF : 0.0/1

Left: 275.441+/-520.543 χ^2/NDF : 5.2/3

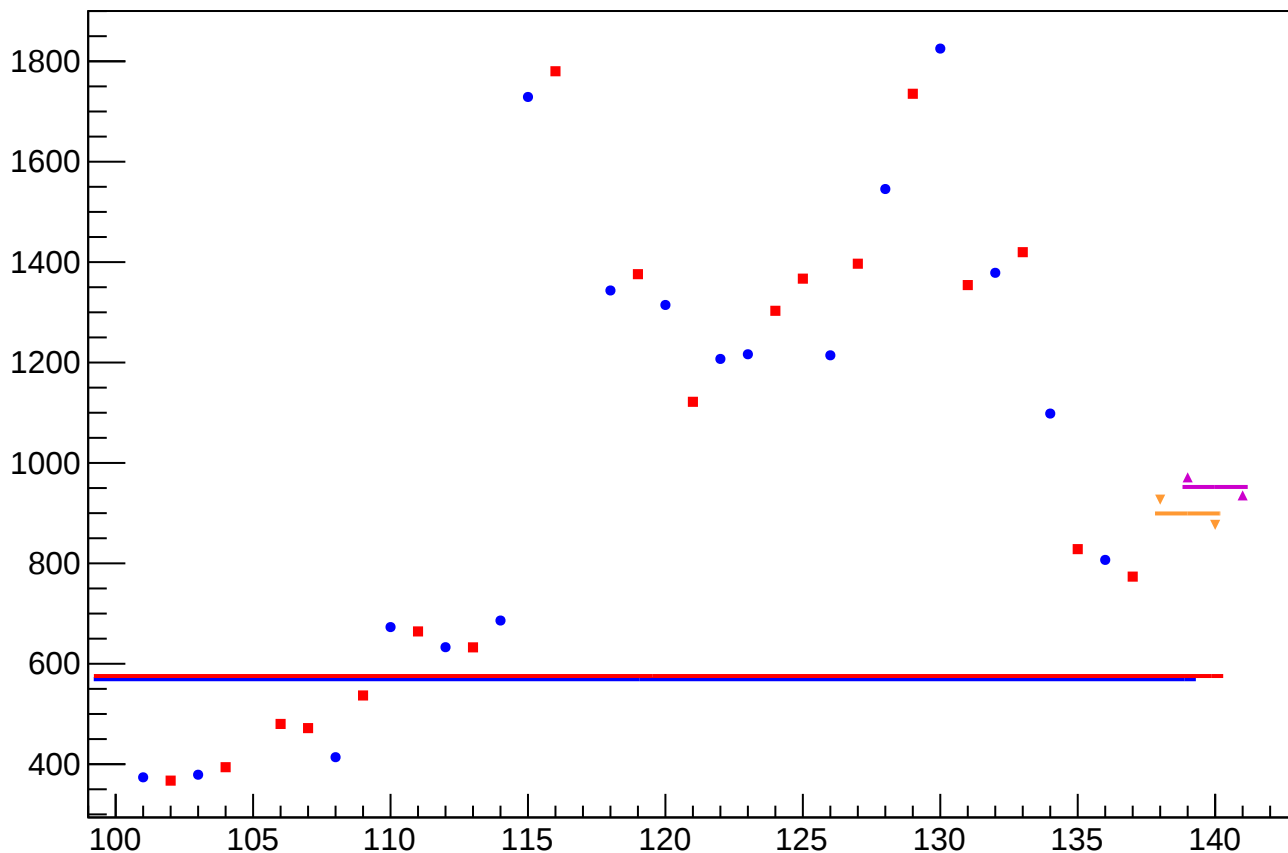
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 234.005+/-239.377 χ^2/NDF : 14.9/18

Out: 133.253+/-232.857 χ^2/NDF : 22.7/19

All: 182.238+/-166.912 χ^2/NDF : 37.8/38

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 899.377+/-0.515 χ^2/NDF : 2352.1/1

Right Out: 575.584+/-0.174 χ^2/NDF : 3058273.5/17

Left In: 952.166+/-0.526 χ^2/NDF : 1161.6/1

Left: 925.217+/-0.368 χ^2/NDF : 8653.8/3

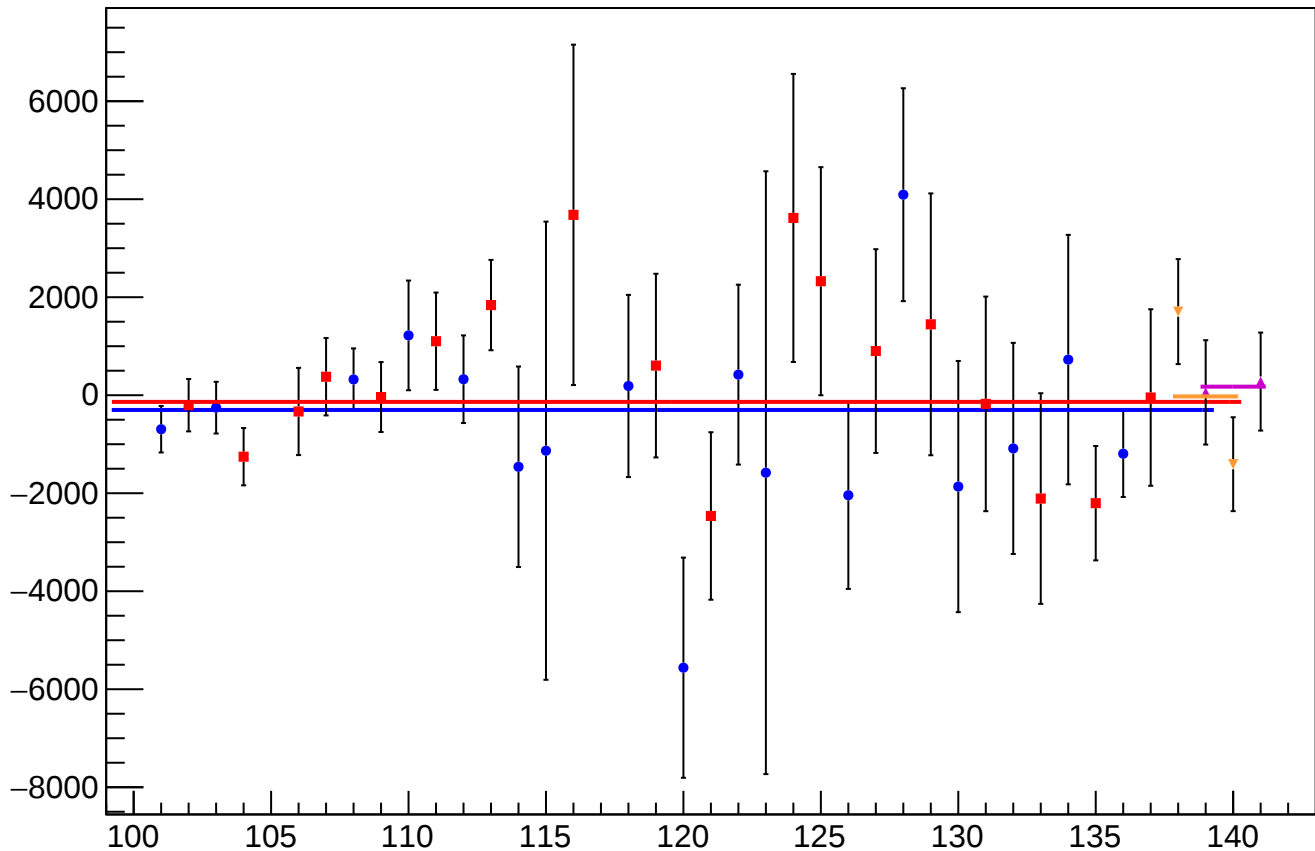
Right: 572.482+/-0.125 χ^2/NDF : 6325976.2/34

In: 608.842+/-0.169 χ^2/NDF : 3743253.4/18

Out: 608.661+/-0.165 χ^2/NDF : 3415316.1/19

All: 608.749+/-0.118 χ^2/NDF : 7158570.0/38

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -24.455 ± 714.332 χ^2/NDF : 4.7/1

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 174.817 ± 729.123 χ^2/NDF : 0.0/1

Left: 73.139 ± 510.258 χ^2/NDF : 4.8/3

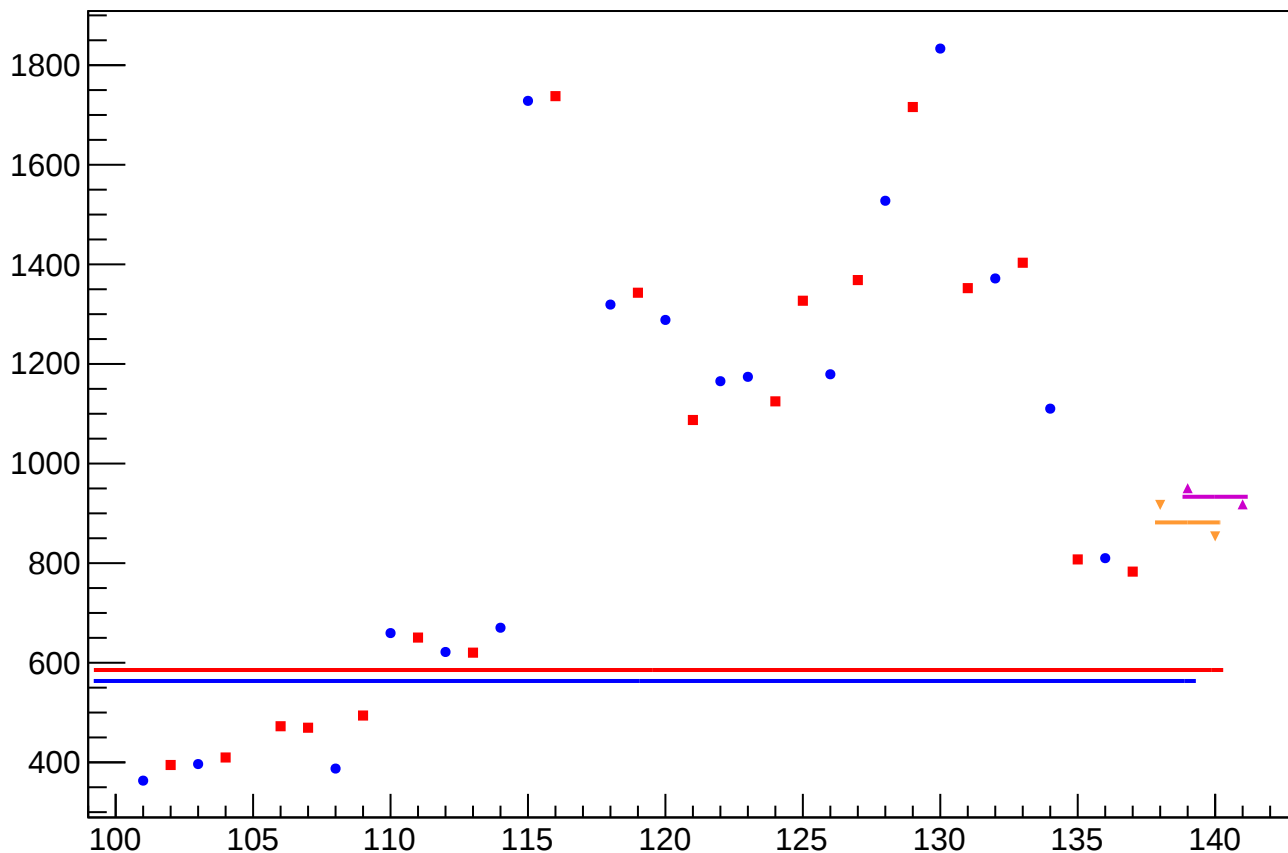
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -250.526 ± 236.741 χ^2/NDF : 17.1/18

Out: -124.123 ± 234.023 χ^2/NDF : 25.6/19

All: -186.595 ± 166.432 χ^2/NDF : 42.8/38

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 881.816+/-0.505 χ^2/NDF : 3866.9/1

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 933.320+/-0.516 χ^2/NDF : 981.5/1

Left: 907.040+/-0.361 χ^2/NDF : 9940.5/3

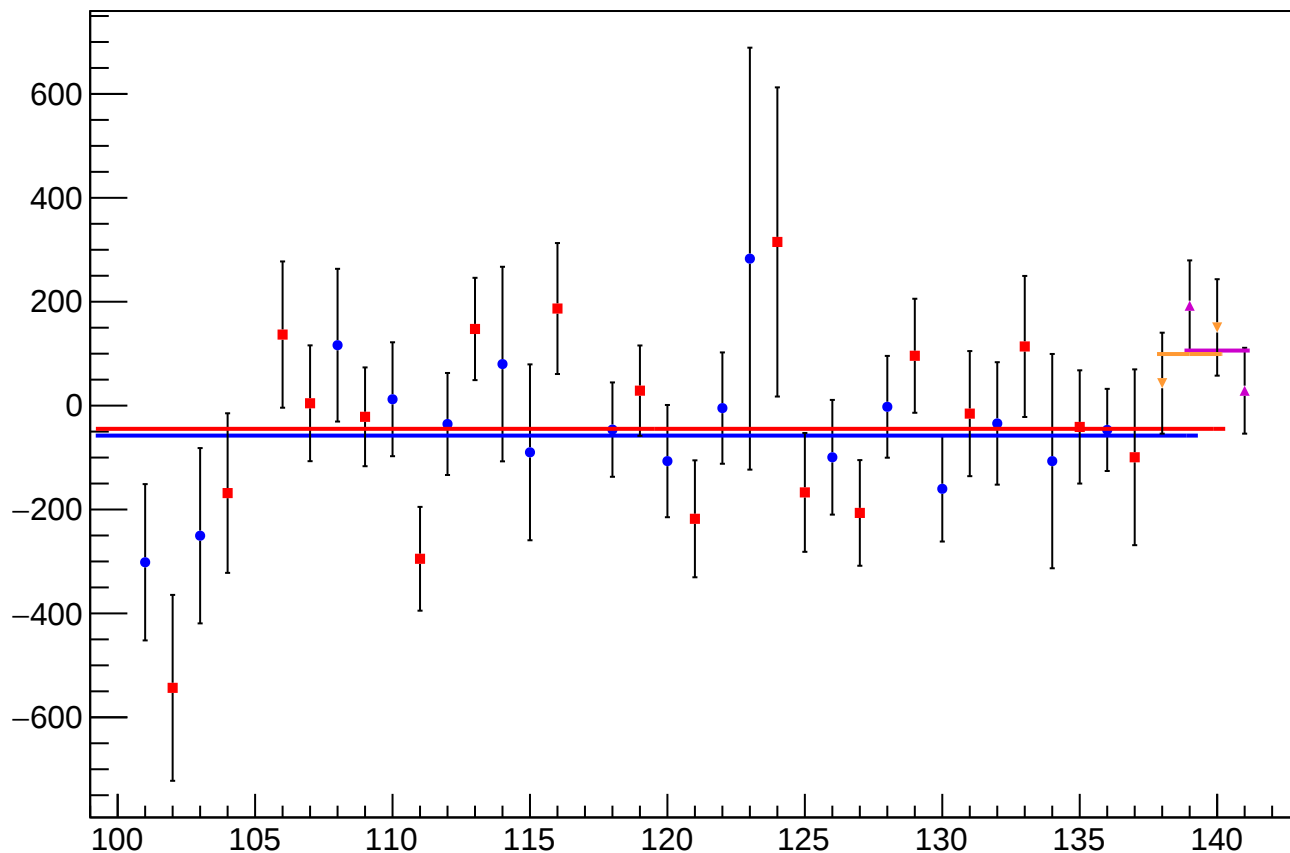
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 602.393+/-0.167 χ^2/NDF : 3720577.8/18

Out: 617.248+/-0.165 χ^2/NDF : 3129345.4/19

All: 609.906+/-0.118 χ^2/NDF : 6853906.2/38

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 99.315 $\pm$ 67.132 χ^2 /NDF:0.6/1

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 105.994 $\pm$ 60.005 χ^2 /NDF:1.9/1

Left: 103.028 $\pm$ 44.738 χ^2 /NDF: 2.5/3

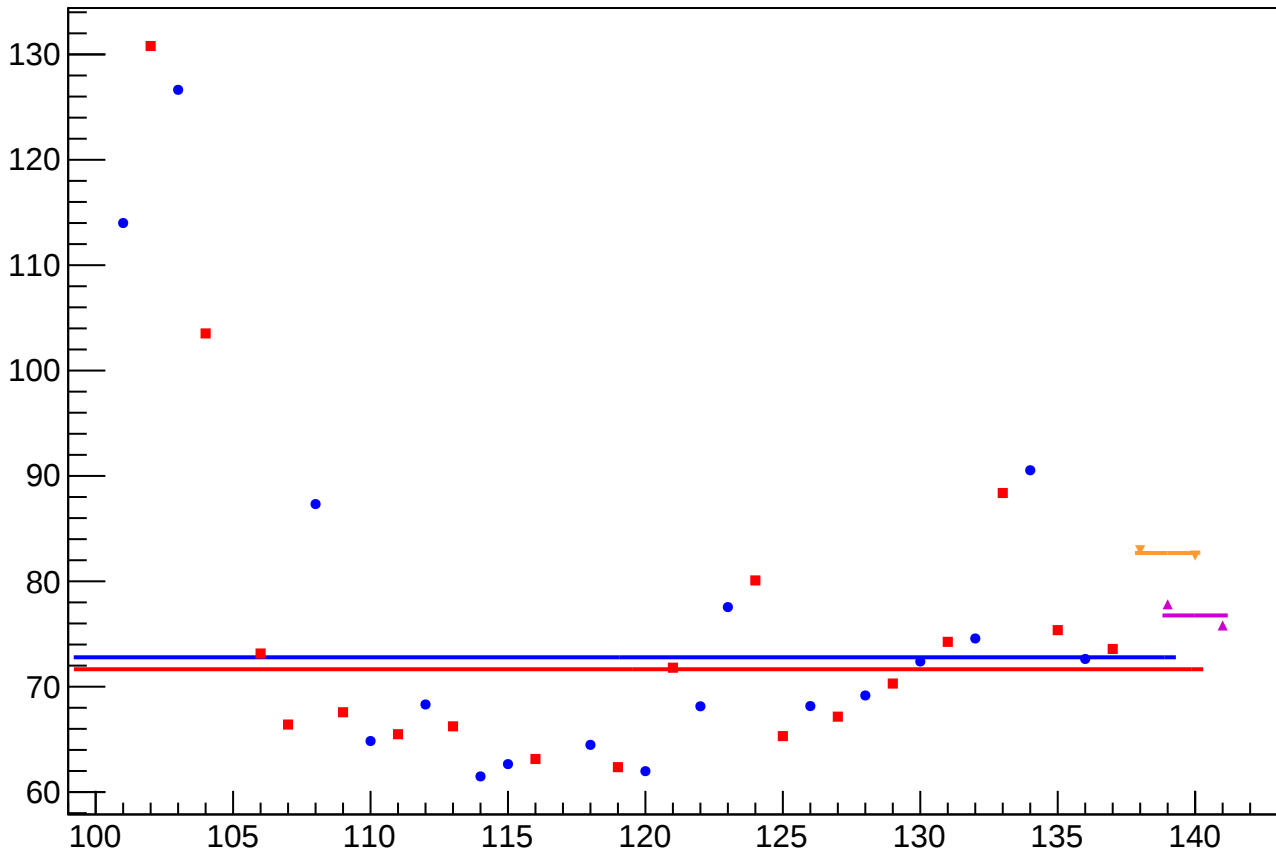
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: -27.243 $\pm$ 25.886 χ^2 /NDF:17.0/18

Out: -23.727 $\pm$ 25.615 χ^2 /NDF:39.7/19

All: -25.466 $\pm$ 18.207 χ^2 /NDF: 56.8/38

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 82.686 $\pm$ 0.047 χ^2 /NDF:28.4/1

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 76.761 $\pm$ 0.042 χ^2 /NDF:559.5/1

Left: 79.392 $\pm$ 0.032 χ^2 /NDF: 9249.3/3

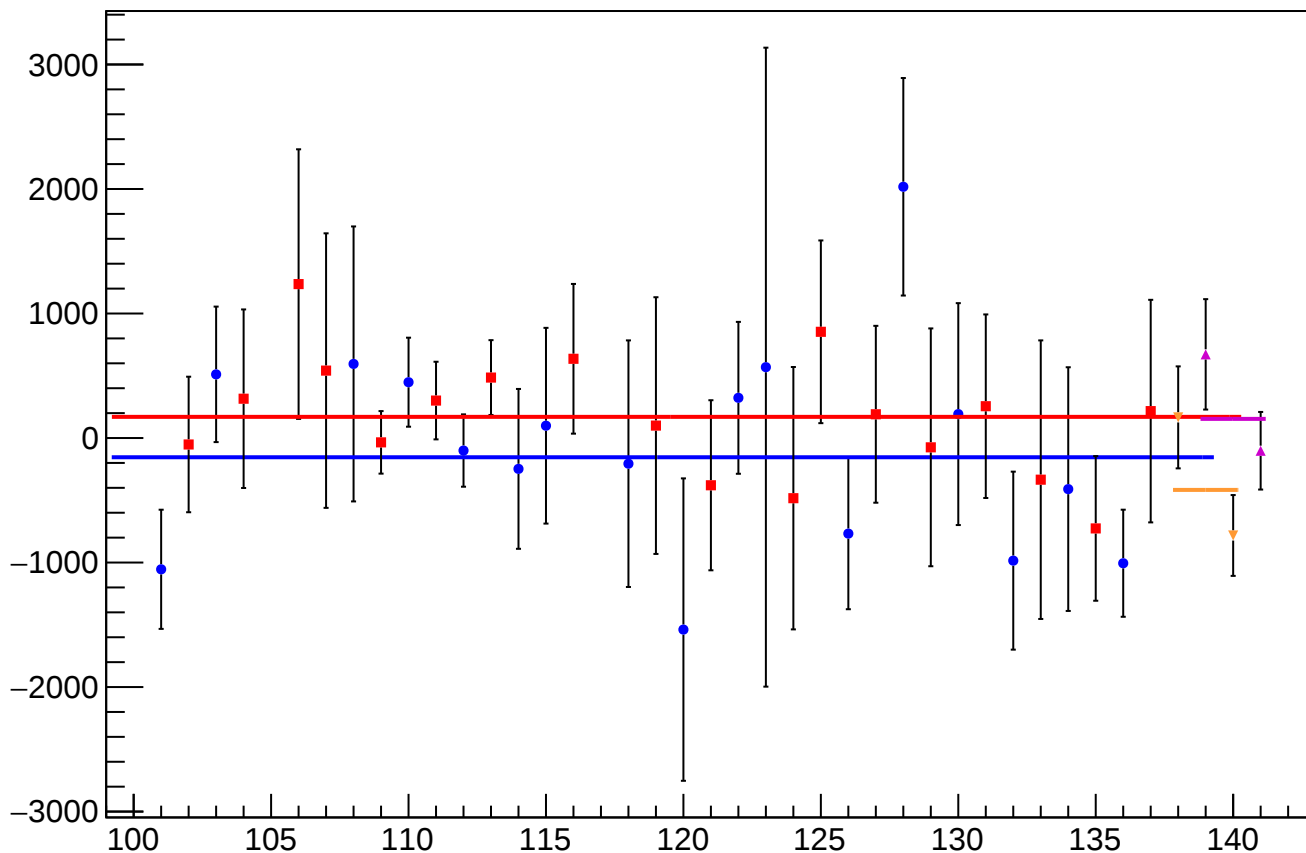
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 73.529 $\pm$ 0.018 χ^2 /NDF:472460.6/18

Out: 73.261 $\pm$ 0.018 χ^2 /NDF:450542.2/19

All: 73.394 $\pm$ 0.013 χ^2 /NDF: 923110.8/38

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -416.670 ± 254.392 $\chi^2/\text{NDF}: 3.3/1$

Right Out: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: 153.753 ± 254.939 $\chi^2/\text{NDF}: 2.0/1$

Left: -132.072 ± 180.075 $\chi^2/\text{NDF}: 7.8/3$

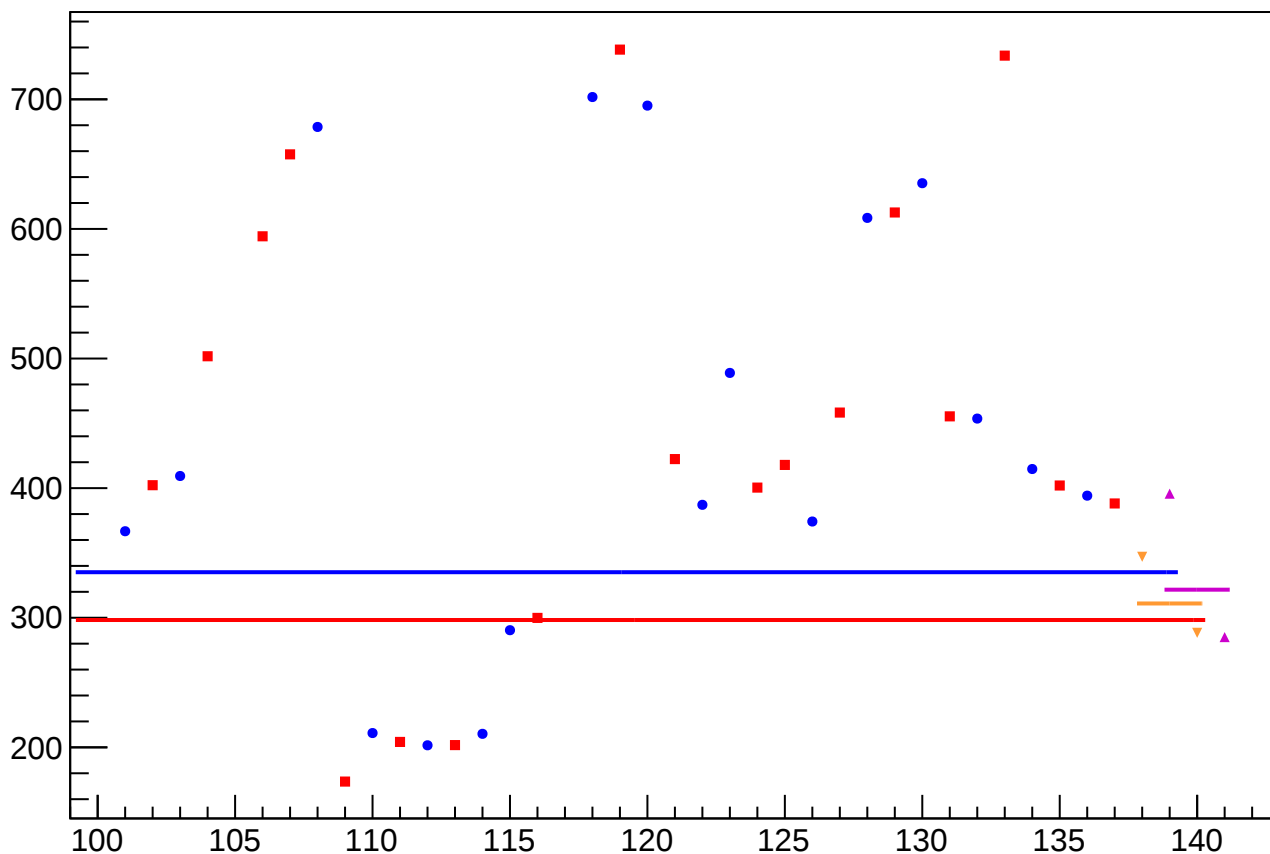
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -82.457 ± 123.185 $\chi^2/\text{NDF}: 26.3/18$

Out: 54.127 ± 113.068 $\chi^2/\text{NDF}: 16.0/19$

All: -8.326 ± 83.299 $\chi^2/\text{NDF}: 43.0/38$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 311.009+/-0.180 χ^2/NDF : 25205.0/1

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 321.655+/-0.180 χ^2/NDF : 83394.2/1

Left: 316.320+/-0.127 χ^2/NDF : 110346.7/3

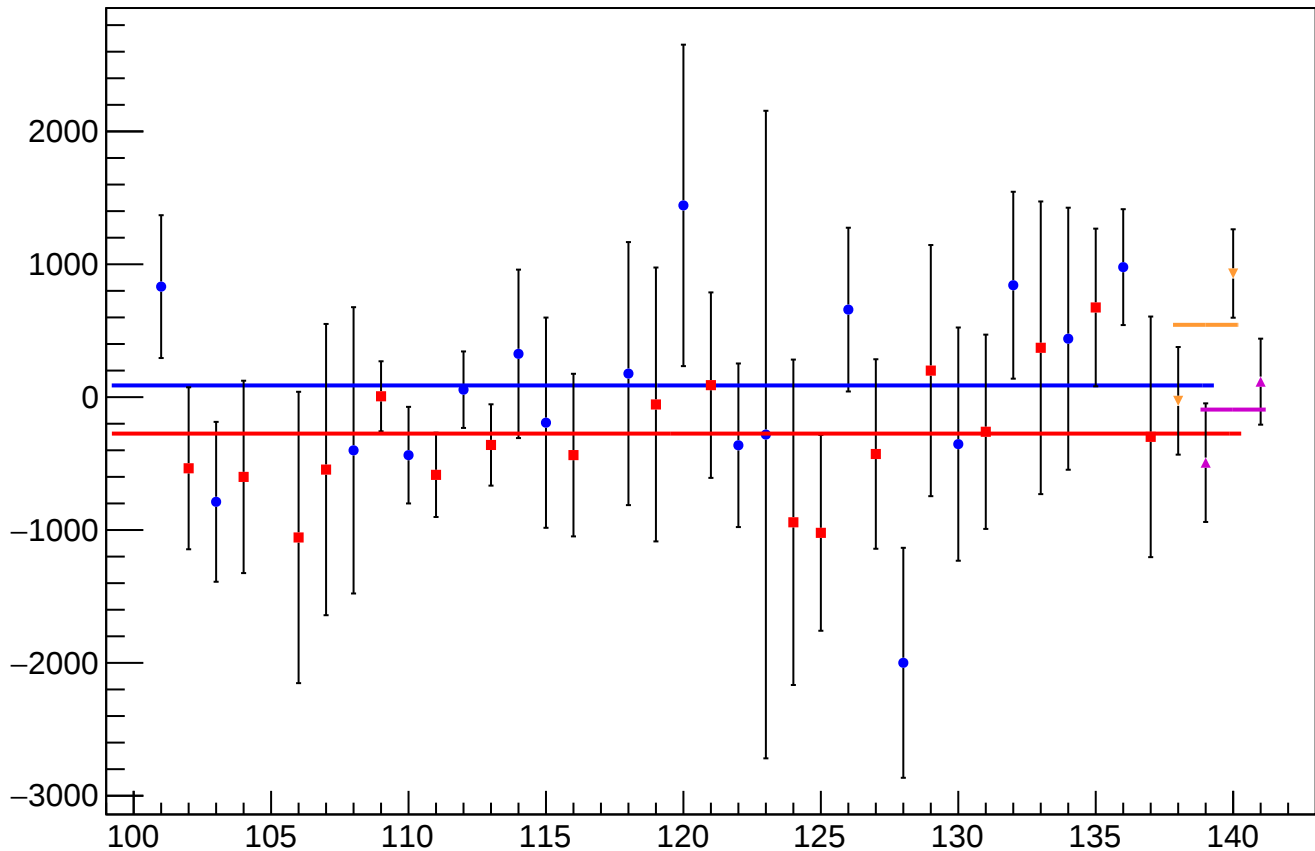
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 331.987+/-0.087 χ^2/NDF : 2081725.1/18

Out: 300.773+/-0.080 χ^2/NDF : 2805795.7/19

All: 315.046+/-0.059 χ^2/NDF : 4957216.6/38

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 544.341+/-257.117 χ^2/NDF : 3.3/1

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: -93.613+/-262.030 χ^2/NDF : 1.2/1

Left: 231.401+/-183.522 χ^2/NDF : 7.6/3

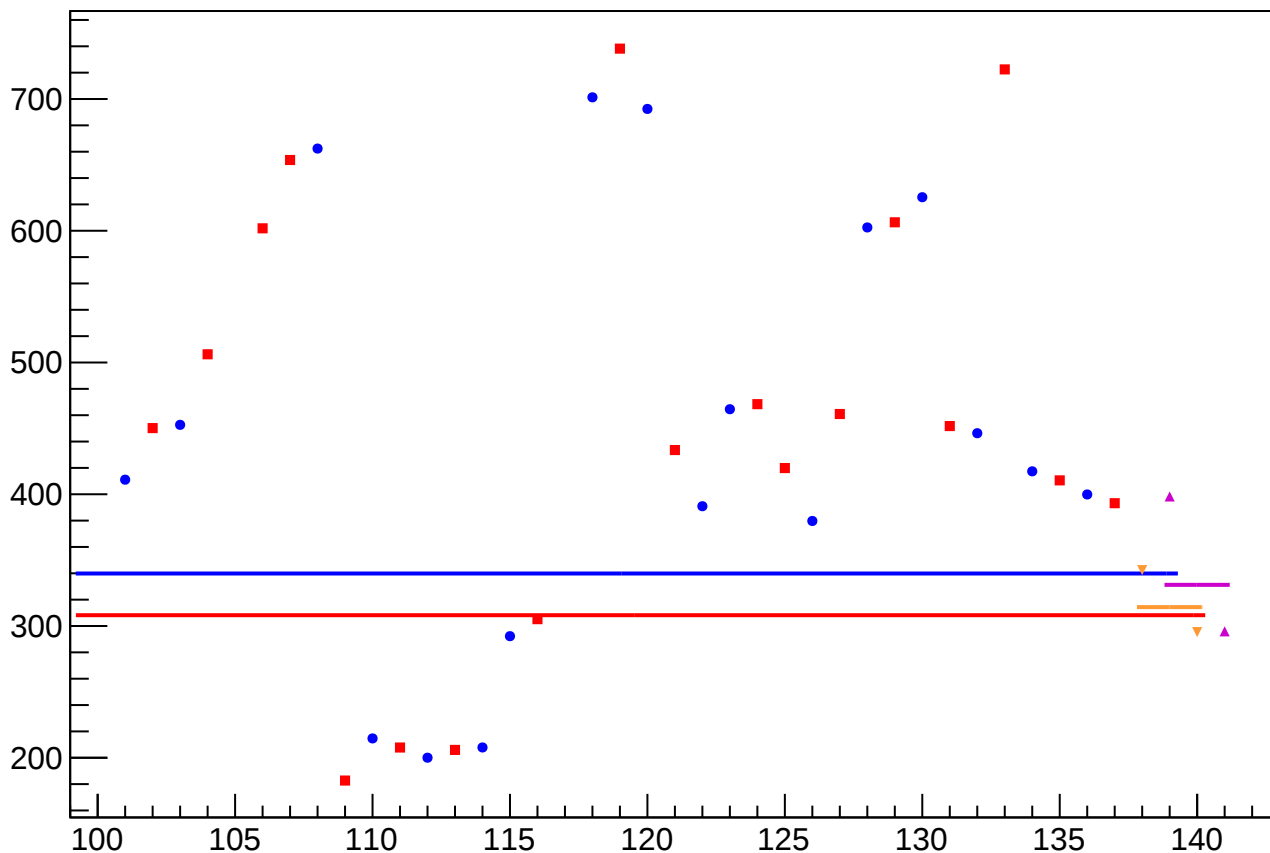
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 46.404+/-125.536 χ^2/NDF : 22.4/18

Out: -107.936+/-115.919 χ^2/NDF : 19.5/19

All: -36.904+/-85.164 χ^2/NDF : 42.7/38

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 314.332+/-0.182 χ^2/NDF : 16102.2/1

Right Out: 308.199+/-0.092 χ^2/NDF : 2698828.8/17

Left In: 331.240+/-0.185 χ^2/NDF : 68957.3/1

Left: 322.626+/-0.130 χ^2/NDF : 89301.7/3

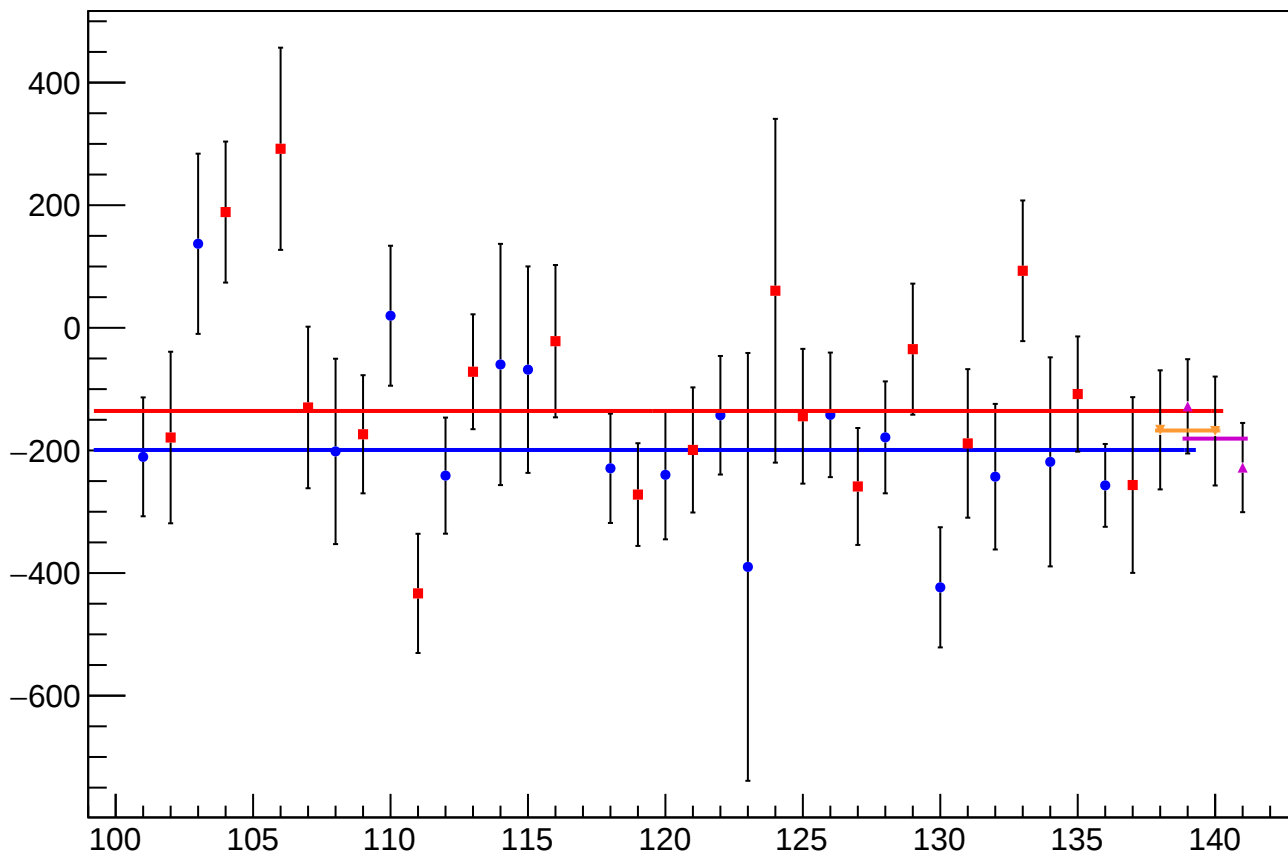
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 337.873+/-0.089 χ^2/NDF : 2114143.5/18

Out: 309.446+/-0.082 χ^2/NDF : 2715837.8/19

All: 322.529+/-0.060 χ^2/NDF : 4885340.1/38

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -167.473 $\pm$ 65.534 χ^2/NDF : 0.0/1

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -180.727 $\pm$ 52.861 χ^2/NDF : 0.9/1

Left: -175.503 $\pm$ 41.144 χ^2/NDF : 0.9/3

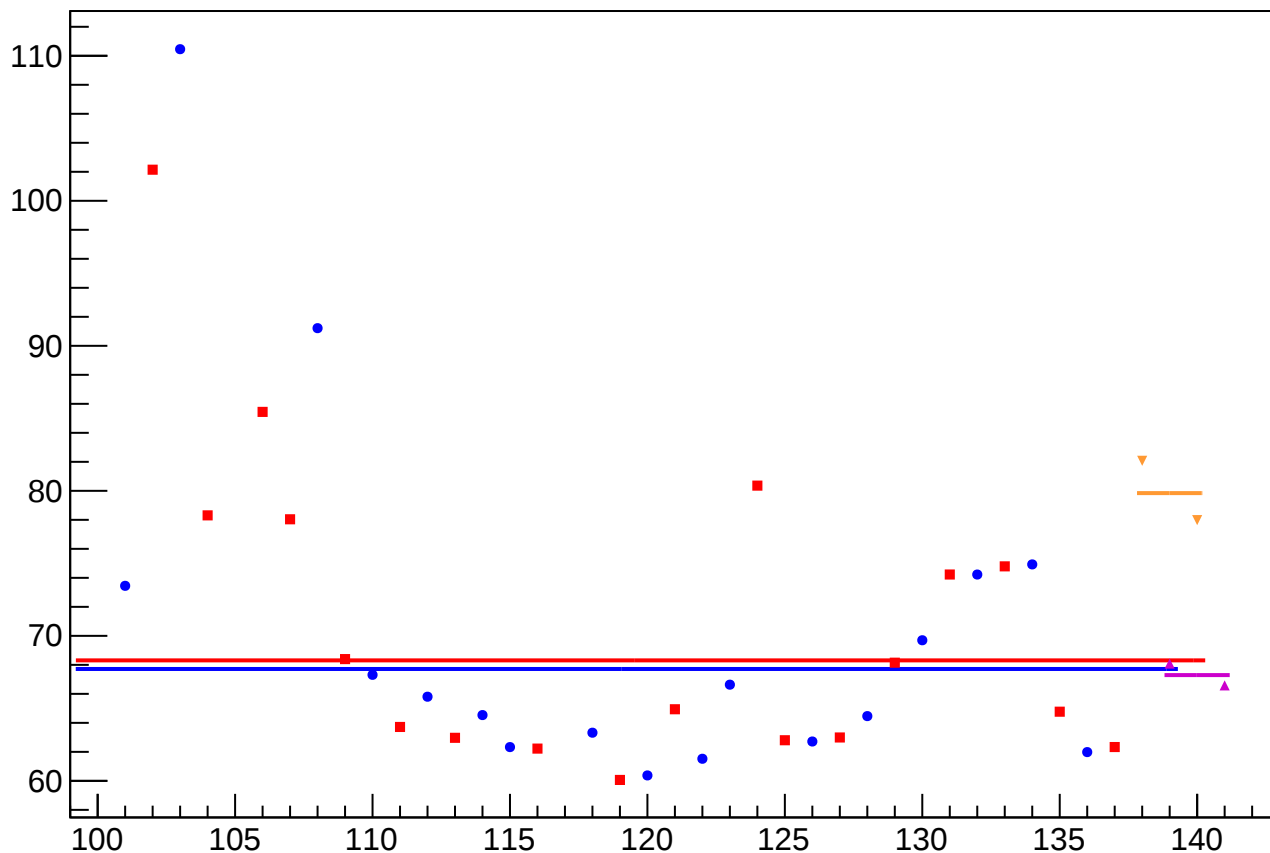
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -195.528 $\pm$ 23.701 χ^2/NDF : 18.6/18

Out: -140.027 $\pm$ 24.370 χ^2/NDF : 36.9/19

All: -168.550 $\pm$ 16.990 χ^2/NDF : 58.1/38

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 79.843 $\pm$ 0.046 χ^2/NDF :1932.7/1

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 67.294 $\pm$ 0.037 χ^2/NDF :403.1/1

Left: 72.240 $\pm$ 0.029 χ^2/NDF : 46767.2/3

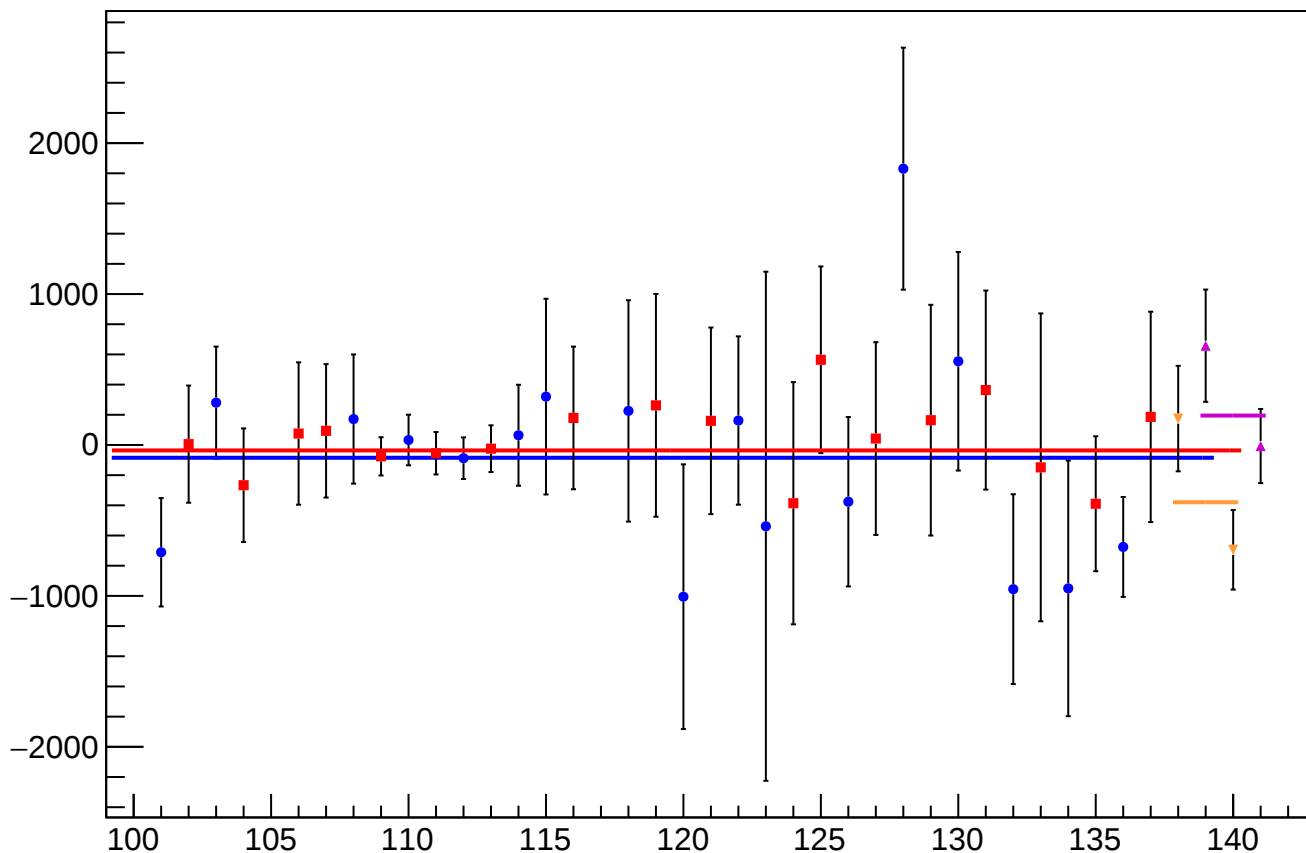
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 67.631 $\pm$ 0.017 χ^2/NDF :283397.2/18

Out: 69.903 $\pm$ 0.017 χ^2/NDF :289639.1/19

All: 68.735 $\pm$ 0.012 χ^2/NDF : 581976.9/38

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -379.599 ± 210.359 $\chi^2/\text{NDF}: 3.9/1$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 194.854 ± 204.915 $\chi^2/\text{NDF}: 2.2/1$

Left: -84.843 ± 146.784 $\chi^2/\text{NDF}: 10.0/3$

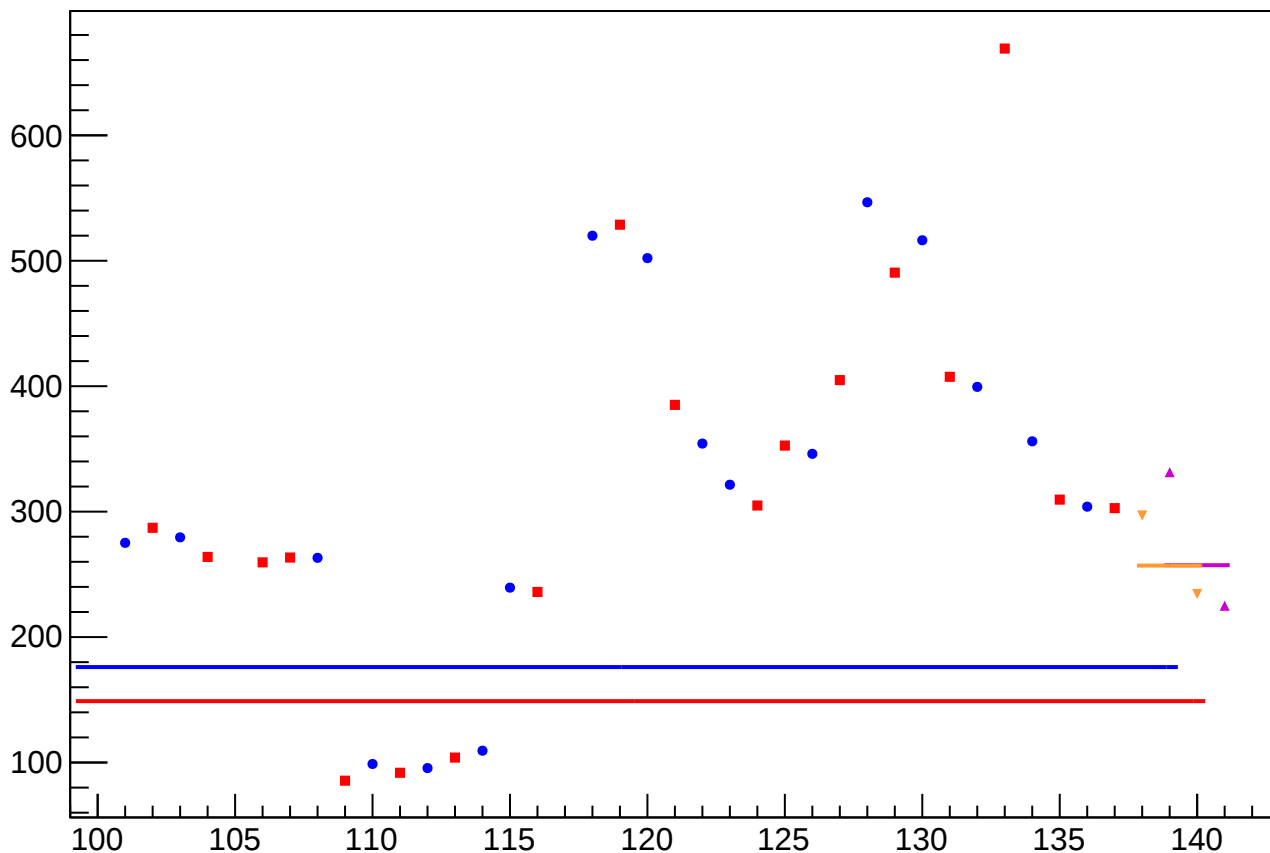
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -45.621 ± 76.664 $\chi^2/\text{NDF}: 23.7/18$

Out: -70.154 ± 66.205 $\chi^2/\text{NDF}: 9.8/19$

All: -59.674 ± 50.107 $\chi^2/\text{NDF}: 33.6/38$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 257.003 $\pm$ 0.149 χ^2 /NDF: 40912.4/1

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 257.310 $\pm$ 0.145 χ^2 /NDF: 114226.8/1

Left: 257.161 $\pm$ 0.104 χ^2 /NDF: 155141.4/3

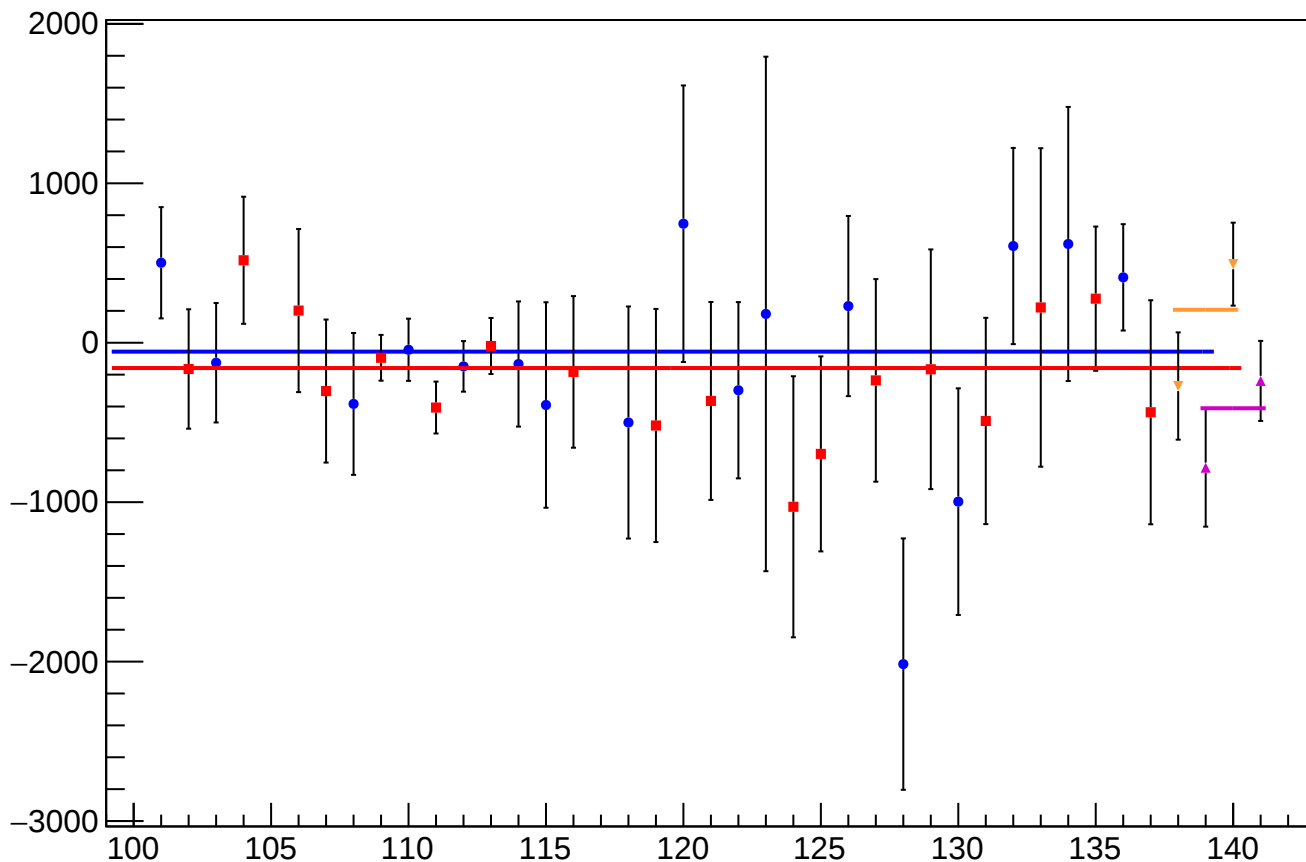
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 187.464 $\pm$ 0.054 χ^2 /NDF: 4608062.2/18

Out: 159.637 $\pm$ 0.047 χ^2 /NDF: 5287415.0/19

All: 171.524 $\pm$ 0.035 χ^2 /NDF: 10046417.1/38

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 206.913 ± 205.804 χ^2/NDF : 3.2/1

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -410.863 ± 207.685 χ^2/NDF : 1.5/1

Left: -99.165 ± 146.186 χ^2/NDF : 9.2/3

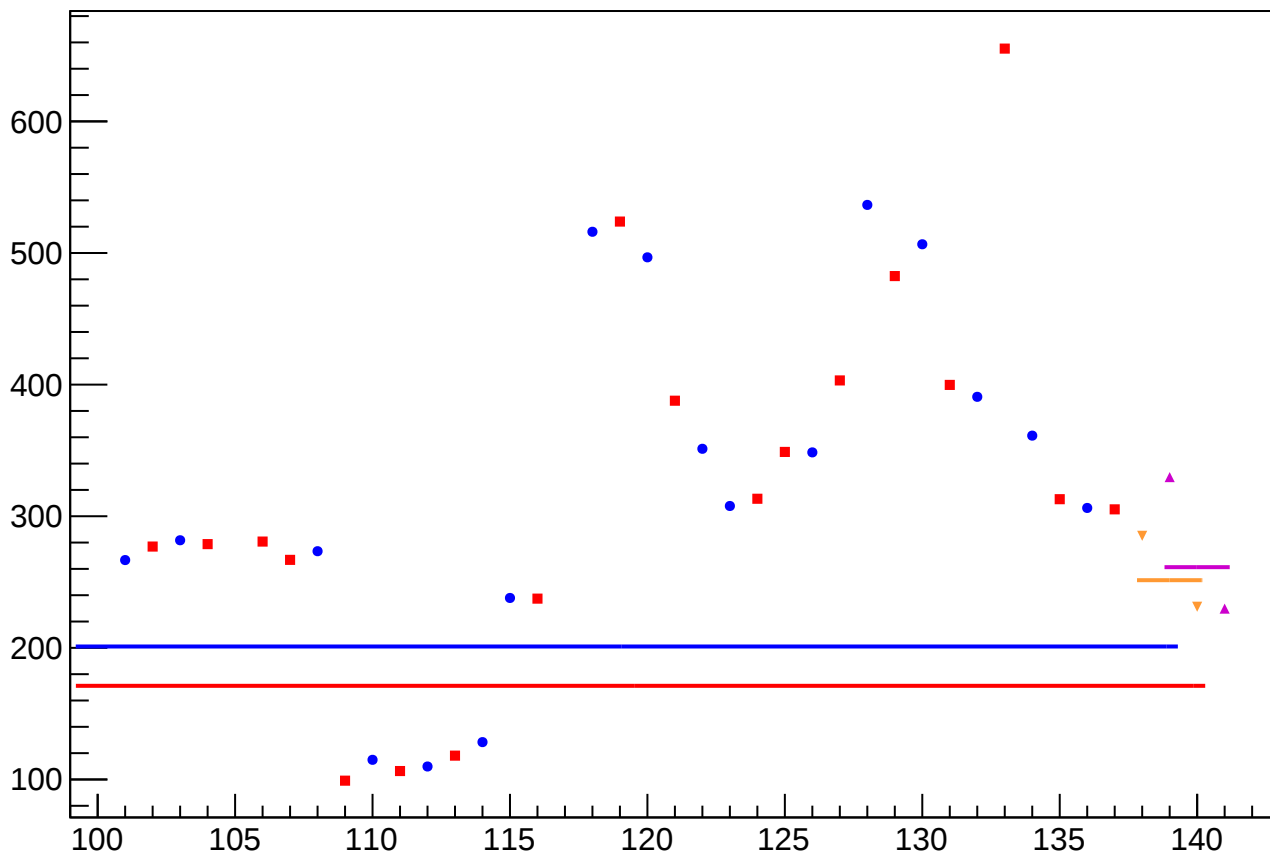
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -112.473 ± 83.021 χ^2/NDF : 21.1/18

Out: -113.710 ± 72.177 χ^2/NDF : 16.4/19

All: -113.177 ± 54.470 χ^2/NDF : 37.5/38

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 251.409+/-0.146 χ^2/NDF :32102.5/1

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 261.311+/-0.147 χ^2/NDF :99922.4/1

Left: 256.315+/-0.103 χ^2/NDF : 134318.6/3

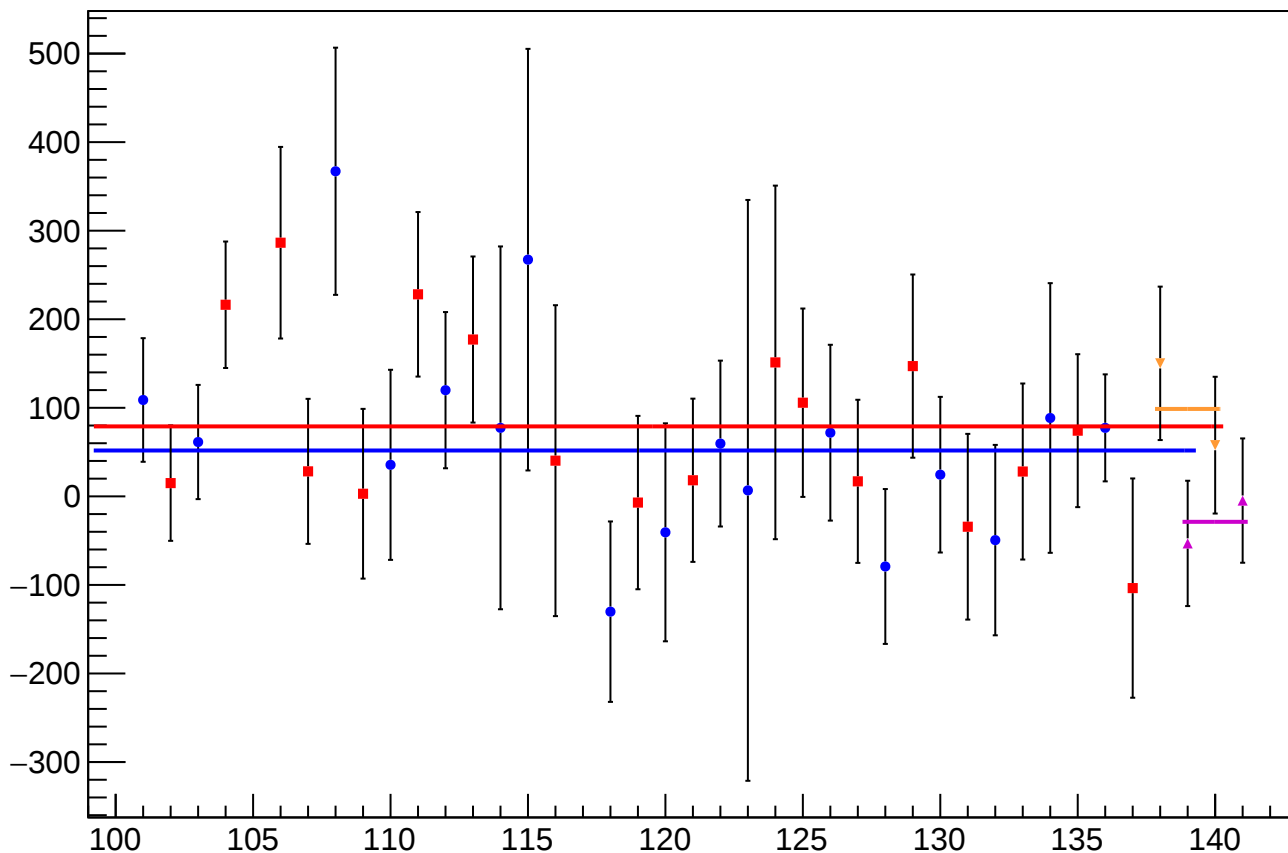
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 210.668+/-0.059 χ^2/NDF :3674486.6/18

Out: 181.029+/-0.051 χ^2/NDF :4364397.3/19

All: 193.788+/-0.039 χ^2/NDF : 8184058.0/38

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: 98.732 $\pm$ 57.641 χ^2 /NDF:0.6/1

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: -28.748 $\pm$ 49.831 χ^2 /NDF:0.2/1

Left: 25.777 $\pm$ 37.697 χ^2 /NDF: 3.7/3

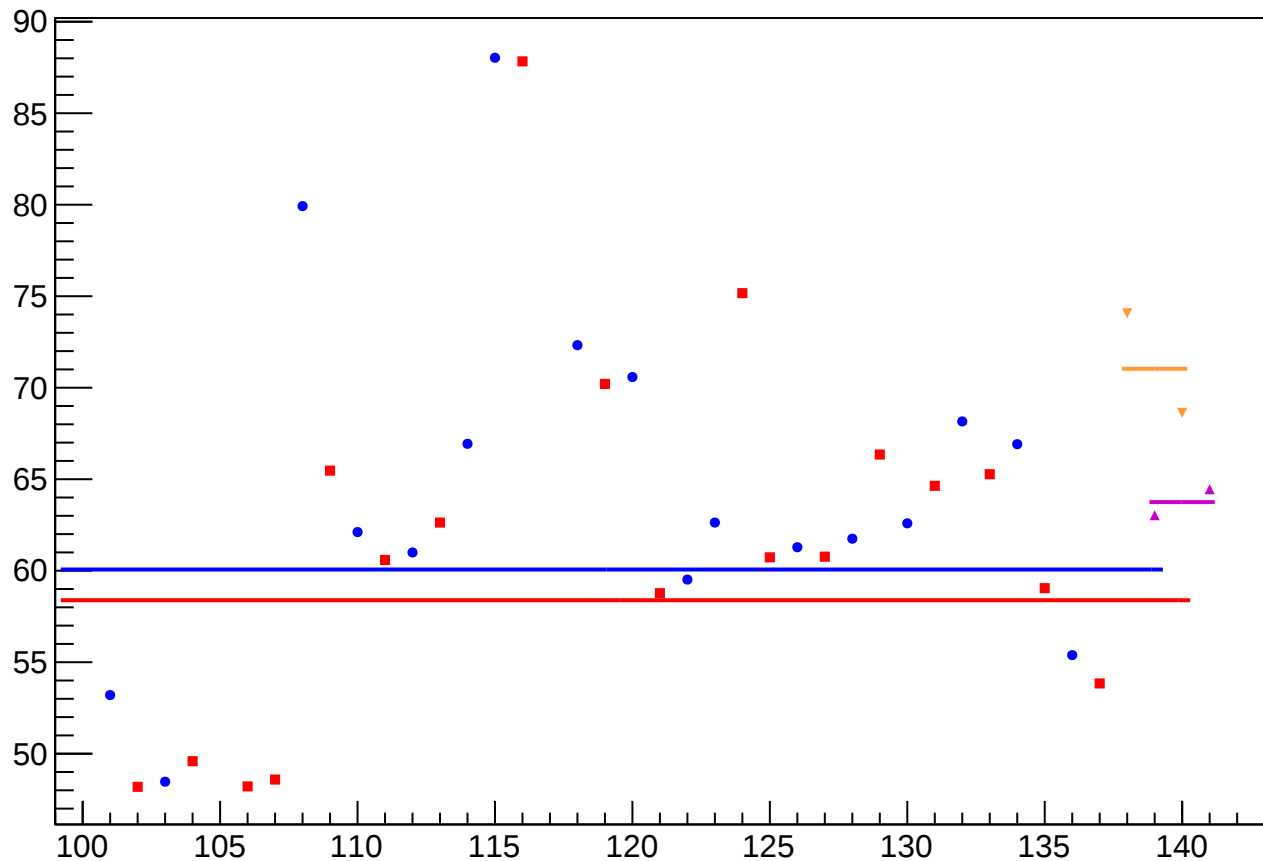
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 37.106 $\pm$ 21.283 χ^2 /NDF:16.9/18

Out: 81.616 $\pm$ 20.959 χ^2 /NDF:19.7/19

All: 59.702 $\pm$ 14.934 χ^2 /NDF: 38.8/38

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: 71.036 $\pm$ 0.041 χ^2/NDF : 4390.1/1

Right Out: 58.387 $\pm$ 0.016 χ^2/NDF : 275017.2/17

Left In: 63.750 $\pm$ 0.035 χ^2/NDF : 404.2/1

Left: 66.866 $\pm$ 0.027 χ^2/NDF : 23080.7/3

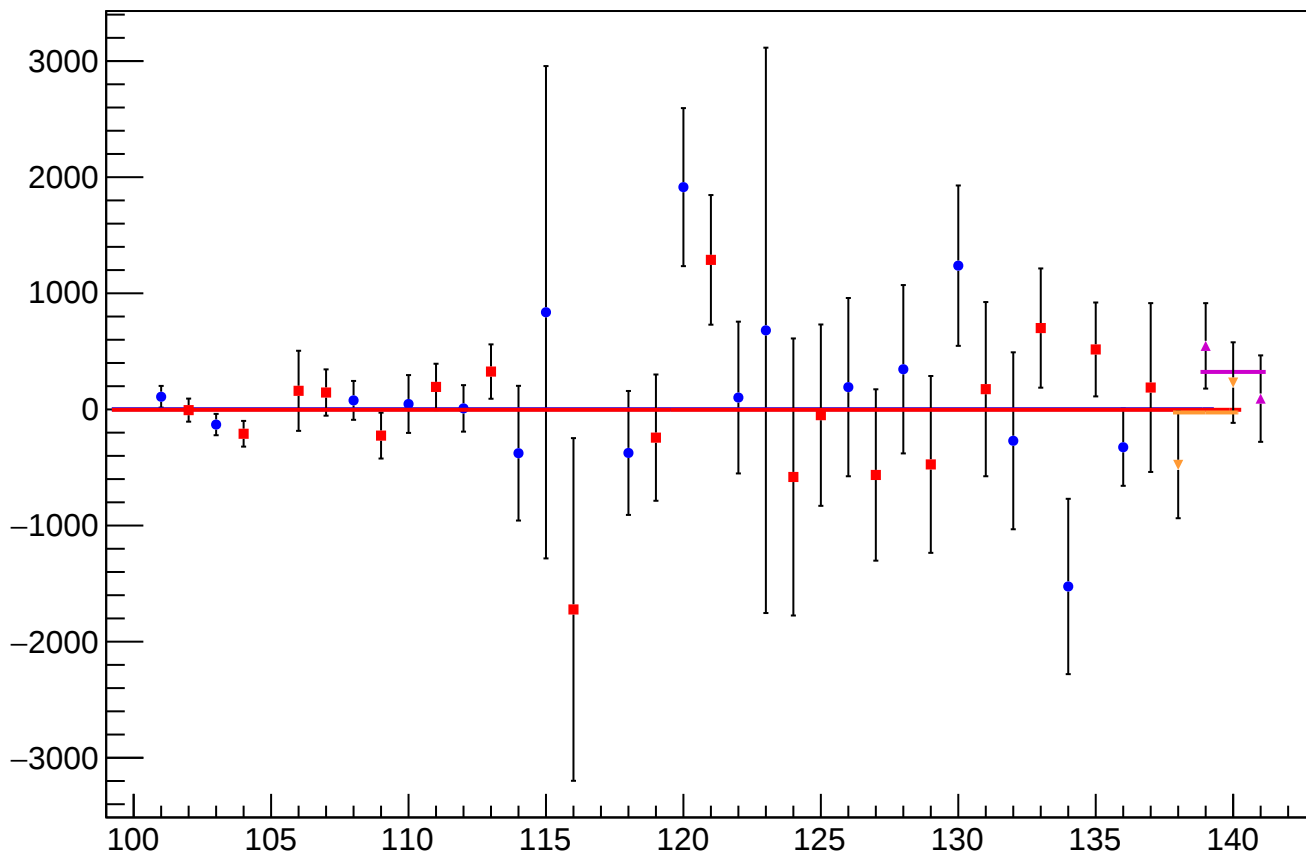
Right: 59.188 $\pm$ 0.012 χ^2/NDF : 509429.8/34

In: 60.737 $\pm$ 0.015 χ^2/NDF : 238443.3/18

Out: 60.059 $\pm$ 0.015 χ^2/NDF : 362982.7/19

All: 60.393 $\pm$ 0.011 χ^2/NDF : 602456.8/38

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -26.070+/-276.857 χ^2/NDF : 1.5/1

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 322.882+/-261.690 χ^2/NDF : 0.8/1

Left: 158.226+/-190.178 χ^2/NDF : 3.1/3

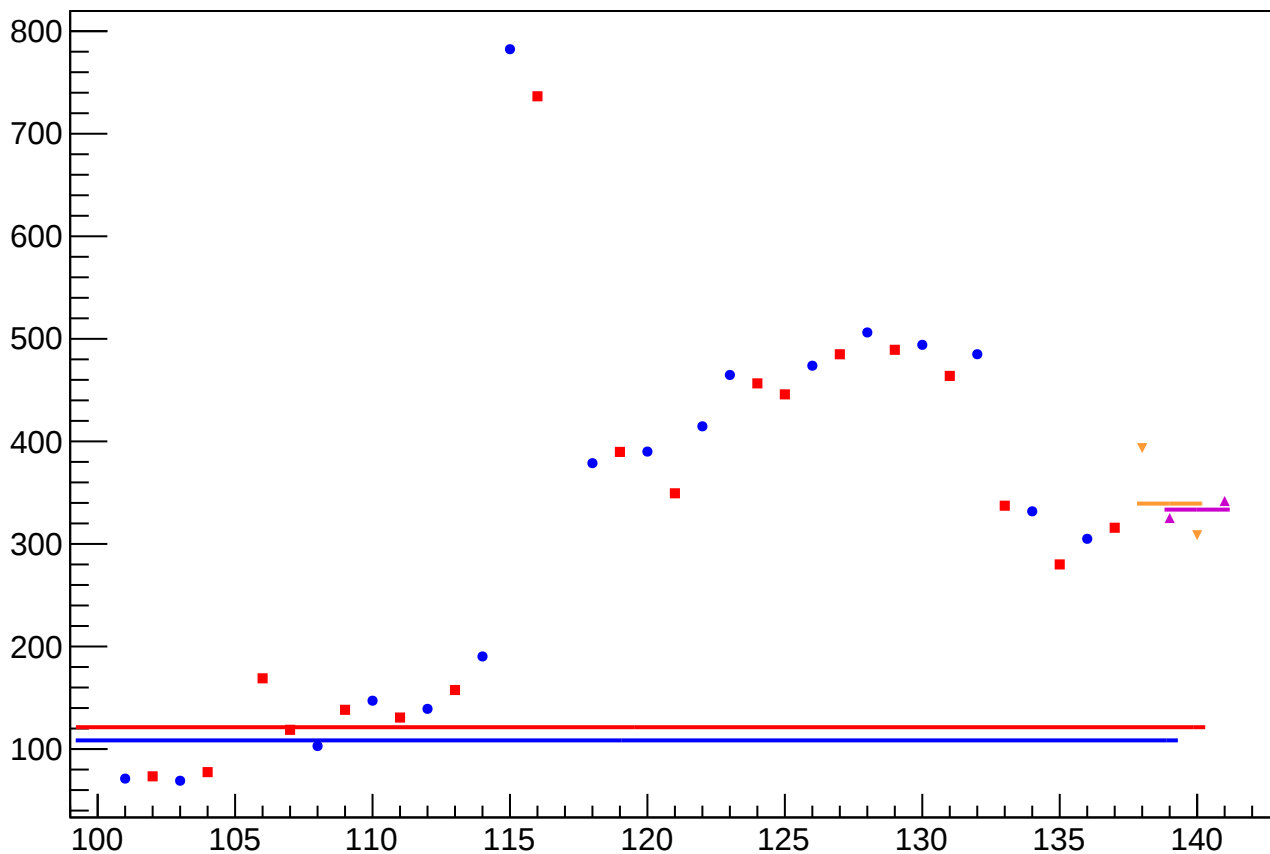
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 14.836+/-53.153 χ^2/NDF : 23.6/18

Out: -4.158+/-55.464 χ^2/NDF : 21.8/19

All: 5.743+/-38.376 χ^2/NDF : 45.4/38

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 339.337+/-0.196 χ^2/NDF : 43508.8/1

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 333.478+/-0.185 χ^2/NDF : 2003.8/1

Left: 336.243+/-0.134 χ^2/NDF : 45985.7/3

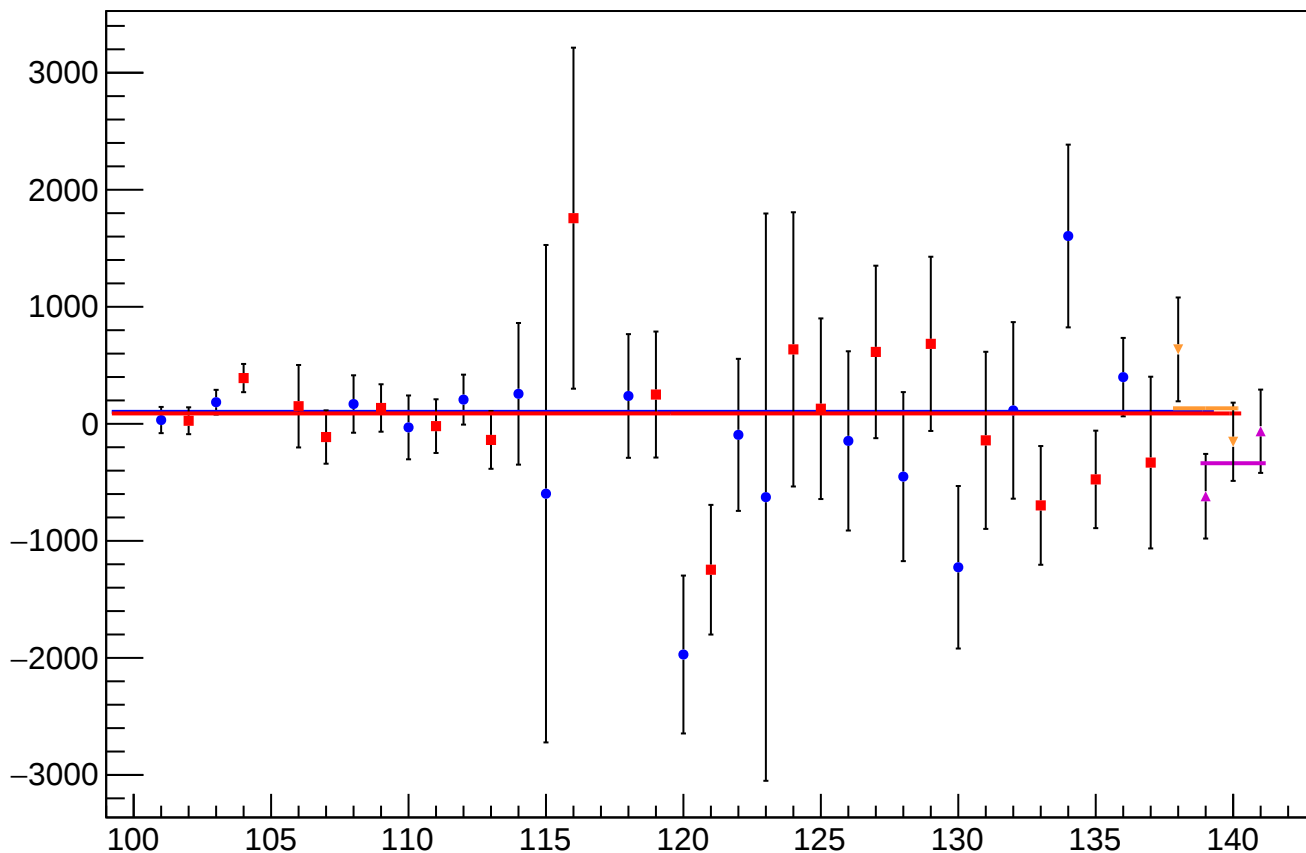
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 117.729+/-0.038 χ^2/NDF : 6824031.4/18

Out: 130.054+/-0.039 χ^2/NDF : 5965711.3/19

All: 123.629+/-0.027 χ^2/NDF : 12841224.2/38

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 132.608+/-266.929 χ^2/NDF : 2.0/1

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -336.616+/-253.616 χ^2/NDF : 1.2/1

Left: -113.997+/-183.860 χ^2/NDF : 4.8/3

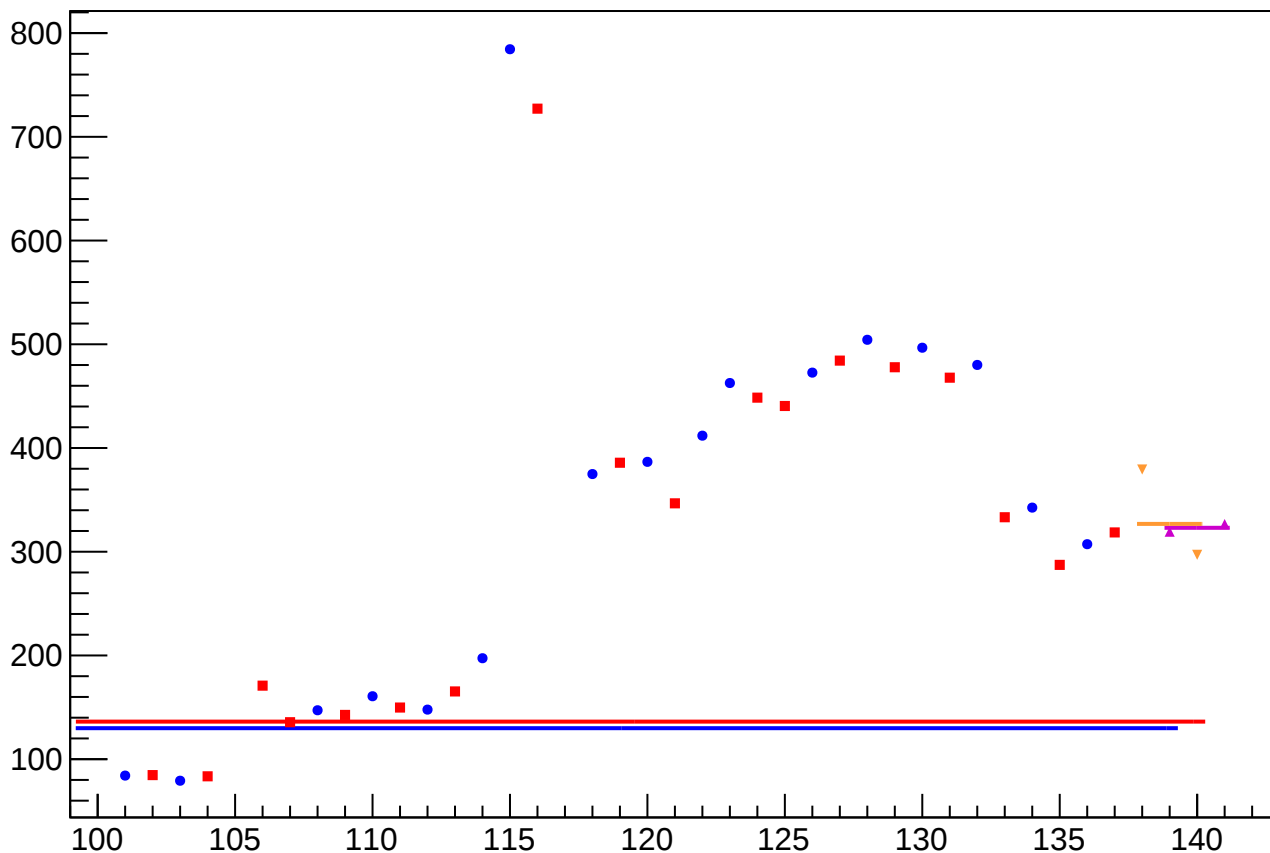
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 76.619+/-61.258 χ^2/NDF : 24.3/18

Out: 91.097+/-60.605 χ^2/NDF : 23.8/19

All: 83.935+/-43.083 χ^2/NDF : 48.1/38

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 326.830+/-0.189 χ^2/NDF : 43851.2/1

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 323.066+/-0.179 χ^2/NDF : 425.0/1

Left: 324.852+/-0.130 χ^2/NDF : 44485.1/3

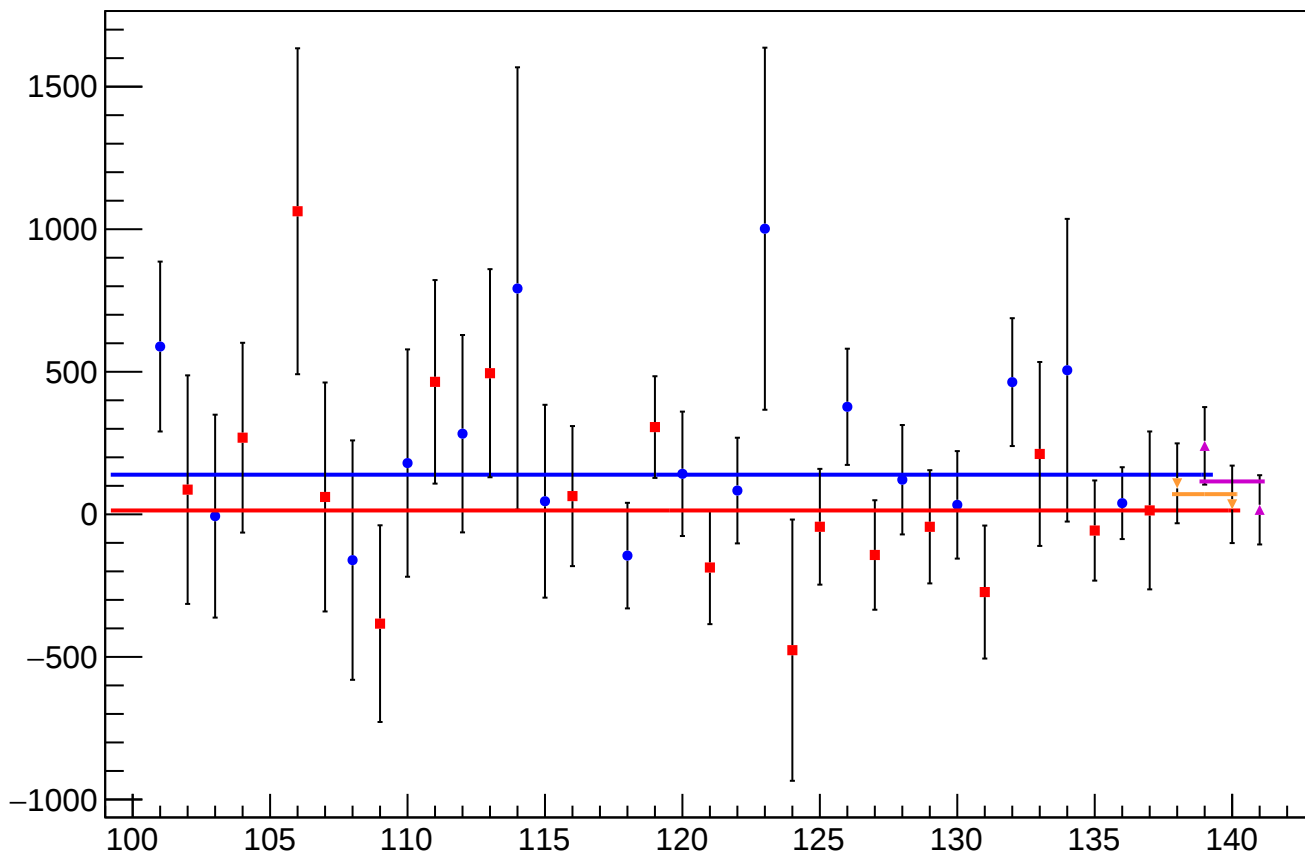
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 141.154+/-0.043 χ^2/NDF : 5922658.8/18

Out: 146.051+/-0.043 χ^2/NDF : 5293860.5/19

All: 143.629+/-0.030 χ^2/NDF : 11222975.8/38

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 70.840 $\pm$ 97.528 χ^2 /NDF:0.1/1

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 115.440 $\pm$ 90.581 χ^2 /NDF:1.5/1

Left: 94.785 $\pm$ 66.371 χ^2 /NDF: 1.8/3

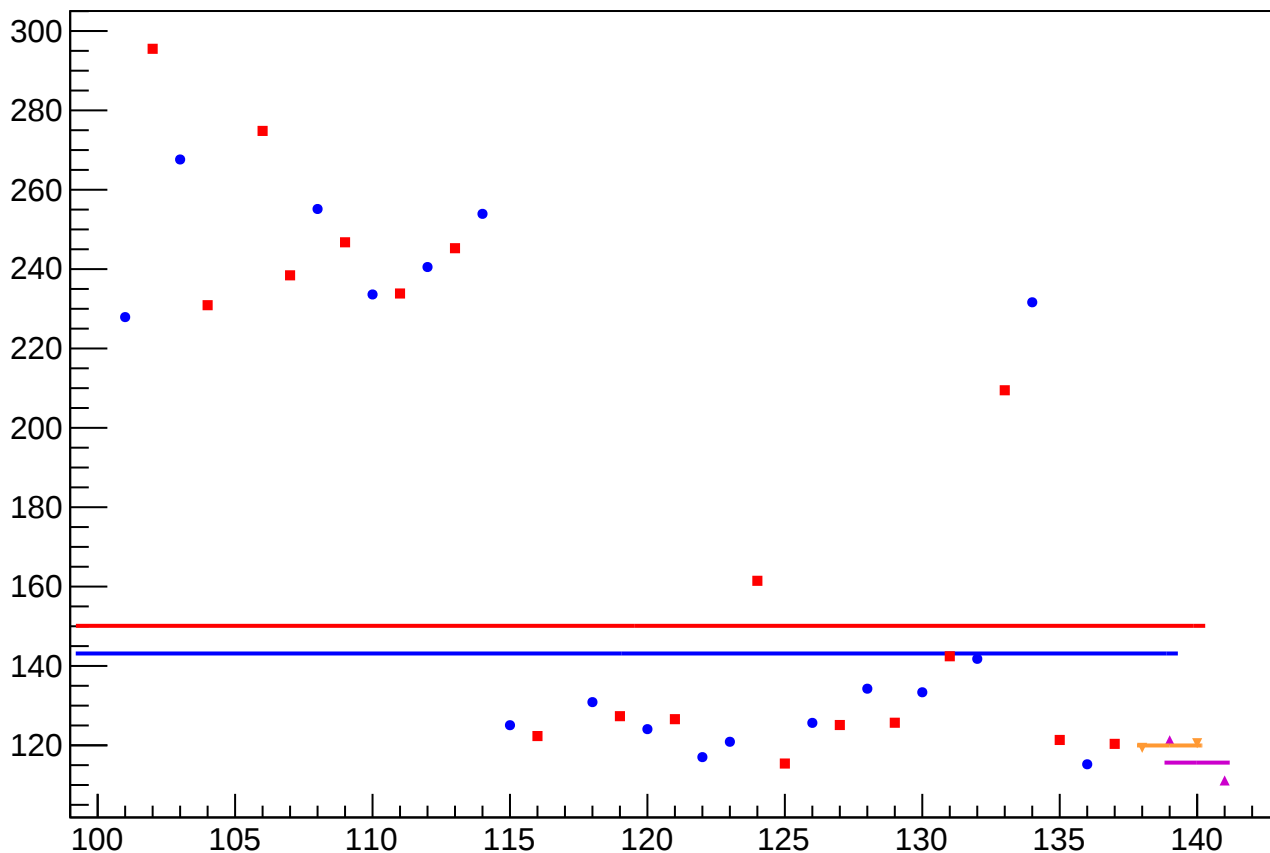
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 132.218 $\pm$ 48.834 χ^2 /NDF:14.7/18

Out: 29.391 $\pm$ 51.182 χ^2 /NDF:16.8/19

All: 83.217 $\pm$ 35.332 χ^2 /NDF: 33.6/38

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140+/-0.041 χ^2/NDF : 1101269.0/16

Left Out: 119.960+/-0.069 χ^2/NDF : 72.2/1

Right Out: 150.109+/-0.043 χ^2/NDF : 1332775.0/17

Left In: 115.638+/-0.064 χ^2/NDF : 6171.7/1

Left: 117.640+/-0.047 χ^2/NDF : 8352.1/3

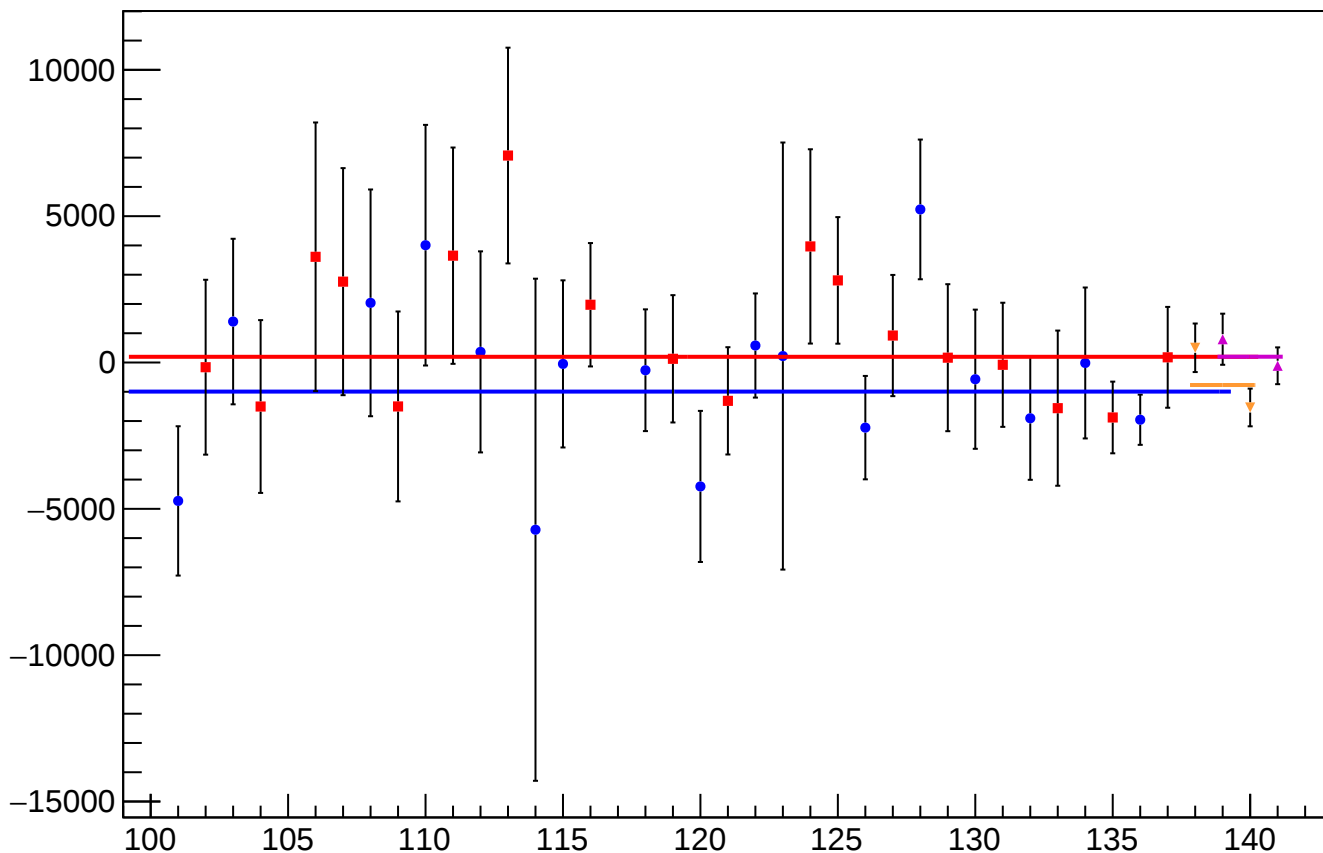
Right: 146.498+/-0.030 χ^2/NDF : 2447968.1/34

In: 135.146+/-0.035 χ^2/NDF : 1238215.8/18

Out: 141.806+/-0.036 χ^2/NDF : 1471338.2/19

All: 138.320+/-0.025 χ^2/NDF : 2727278.0/38

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -768.929+/-508.766 χ^2/NDF : 3.8/1

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: 197.865+/-510.107 χ^2/NDF : 0.7/1

Left: -286.805+/-360.225 χ^2/NDF : 6.3/3

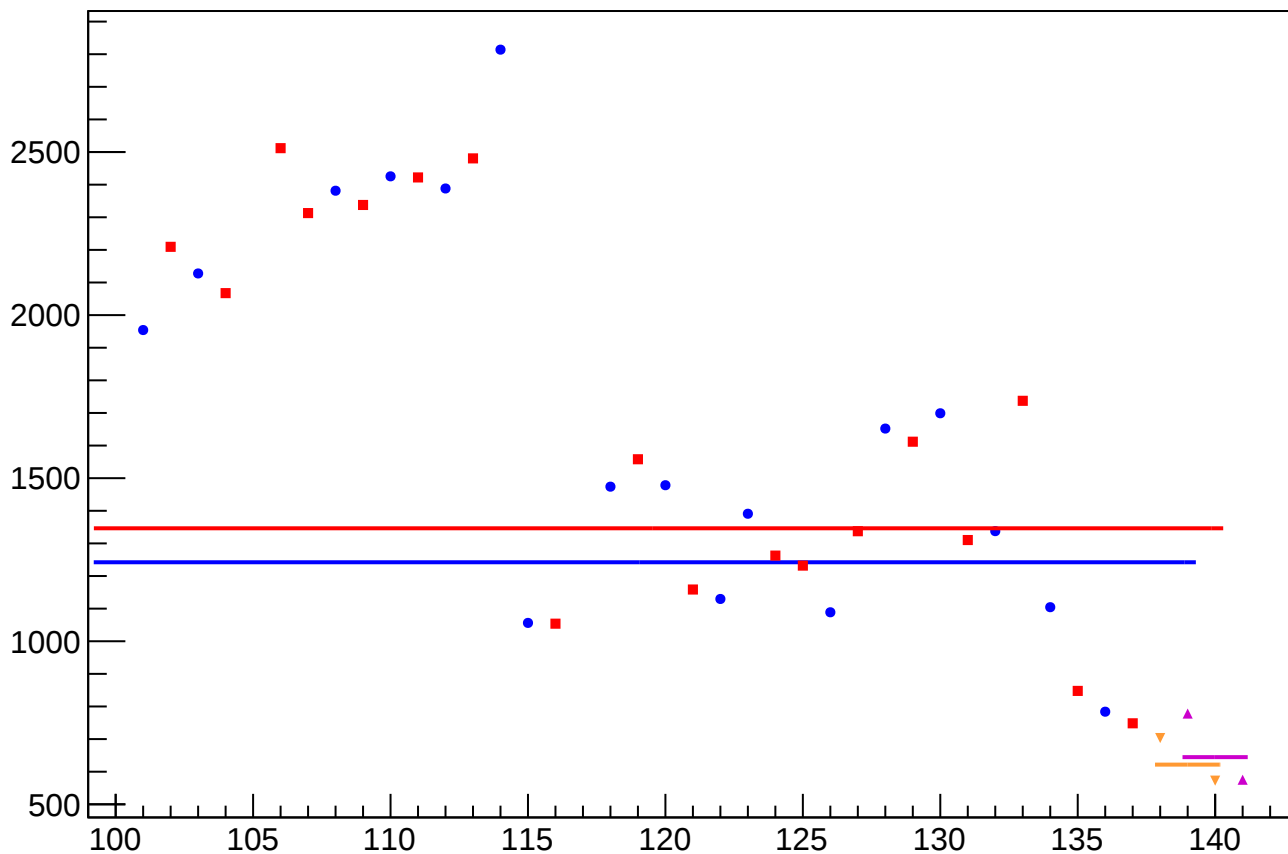
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -390.582+/-362.927 χ^2/NDF : 20.3/18

Out: -319.009+/-371.527 χ^2/NDF : 19.0/19

All: -355.634+/-259.615 χ^2/NDF : 39.4/38

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: 621.725 $\pm$ 0.360 χ^2 /NDF: 30963.4/1

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 644.658 $\pm$ 0.361 χ^2 /NDF: 71137.5/1

Left: 633.161 $\pm$ 0.255 χ^2 /NDF: 104127.3/3

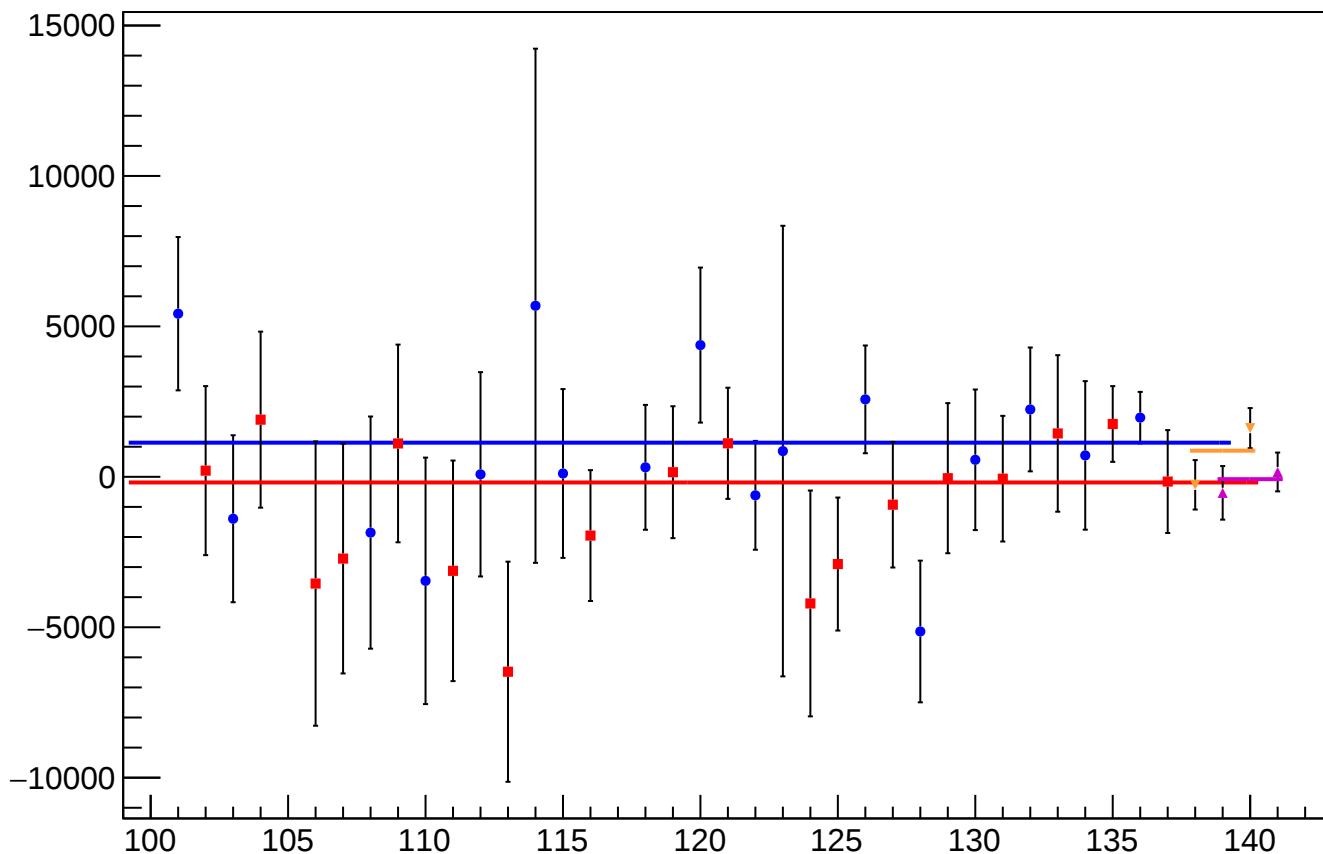
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 939.716 $\pm$ 0.257 χ^2 /NDF: 3193633.0/18

Out: 959.926 $\pm$ 0.263 χ^2 /NDF: 3733673.2/19

All: 949.584 $\pm$ 0.184 χ^2 /NDF: 6930334.8/38

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 869.108+/-518.014 χ^2/NDF : 3.2/1

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: -77.625+/-522.351 χ^2/NDF : 0.4/1

Left: 399.689+/-367.815 χ^2/NDF : 5.2/3

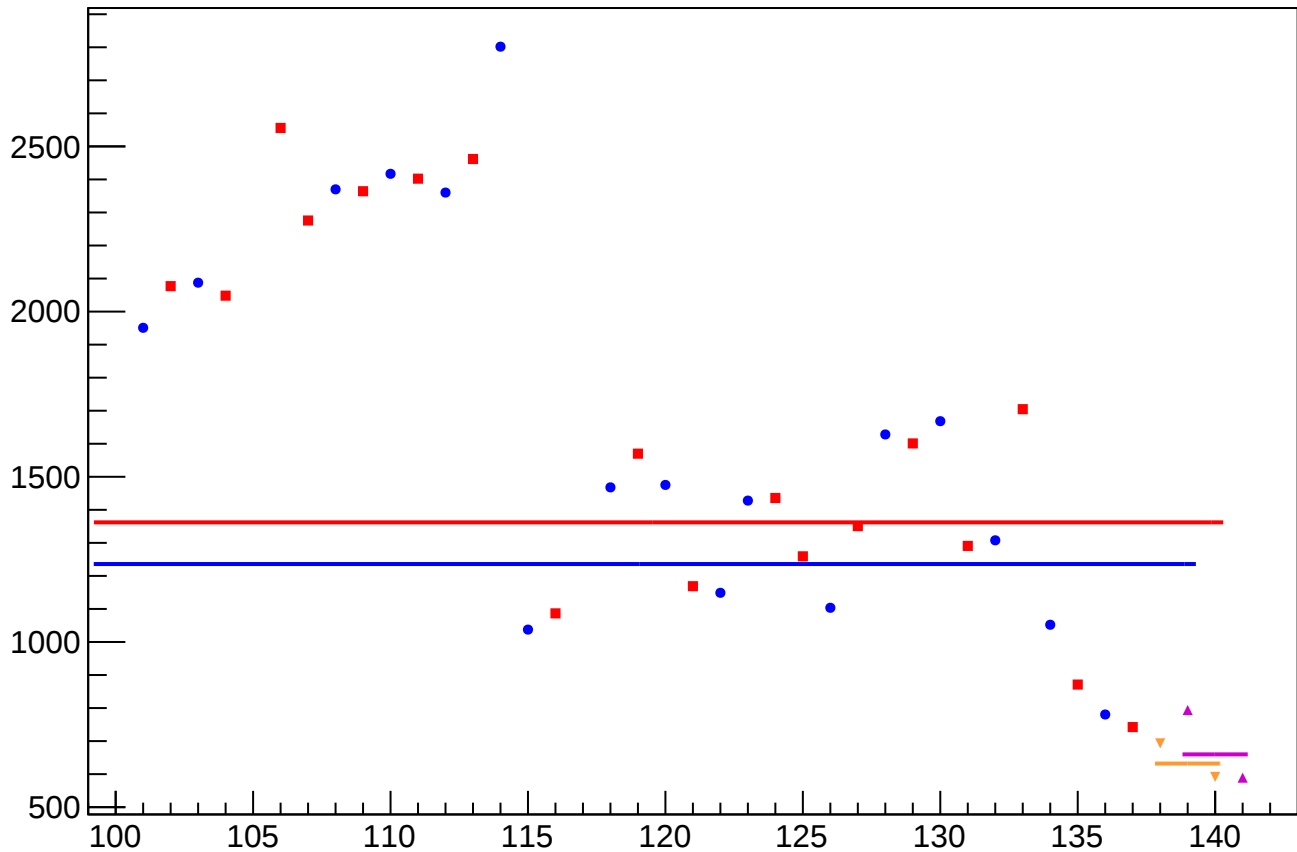
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 538.842+/-366.287 χ^2/NDF : 20.9/18

Out: 370.682+/-376.507 χ^2/NDF : 17.1/19

All: 457.076+/-262.543 χ^2/NDF : 38.1/38

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 632.044+/-0.366 χ^2/NDF : 18406.4/1

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 659.818+/-0.369 χ^2/NDF : 69328.8/1

Left: 645.815+/-0.260 χ^2/NDF : 90586.0/3

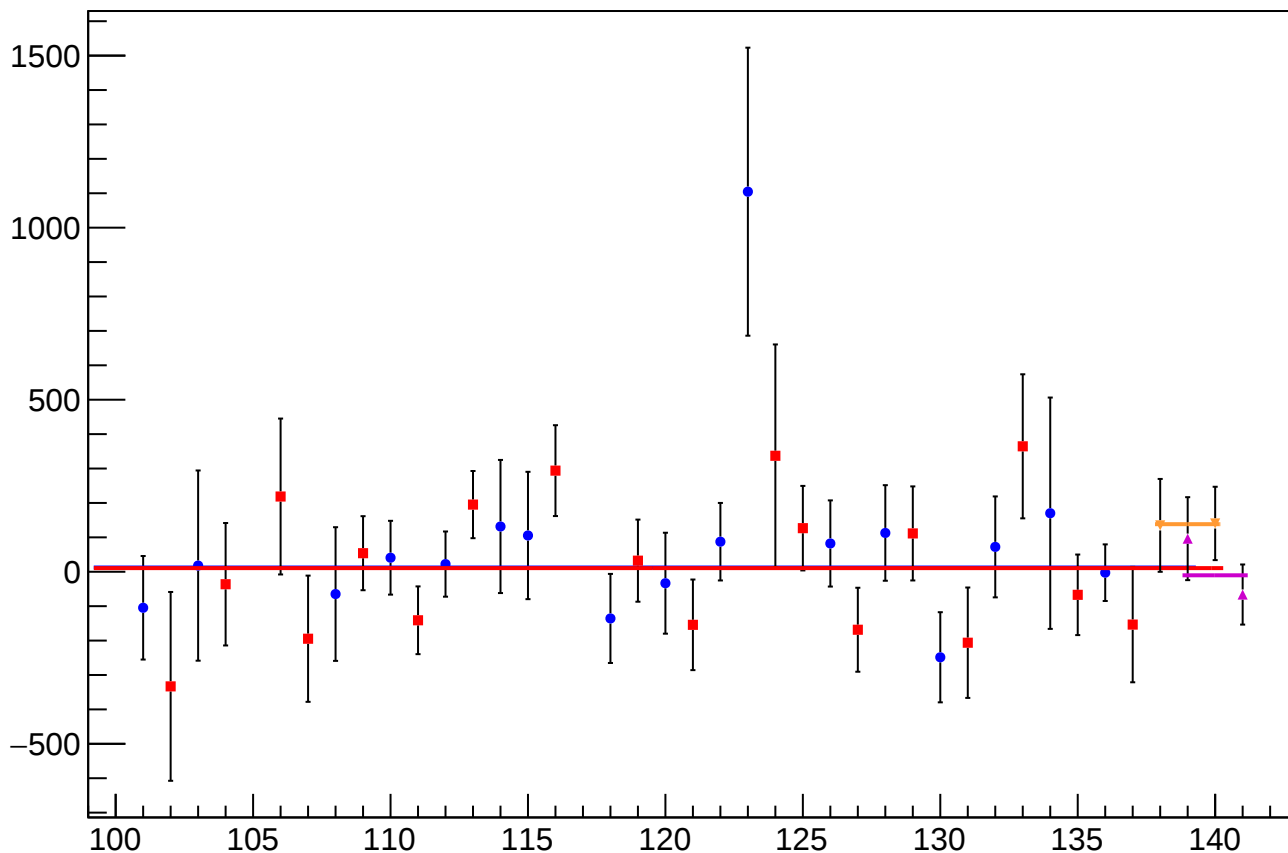
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 952.649+/-0.259 χ^2/NDF : 3051664.7/18

Out: 976.421+/-0.266 χ^2/NDF : 3601504.9/19

All: 964.208+/-0.186 χ^2/NDF : 6657265.8/38

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 138.292+/-83.637 χ^2/NDF : 0.0/1

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: -10.267+/-70.739 χ^2/NDF : 1.2/1

Left: 51.686+/-54.011 χ^2/NDF : 3.0/3

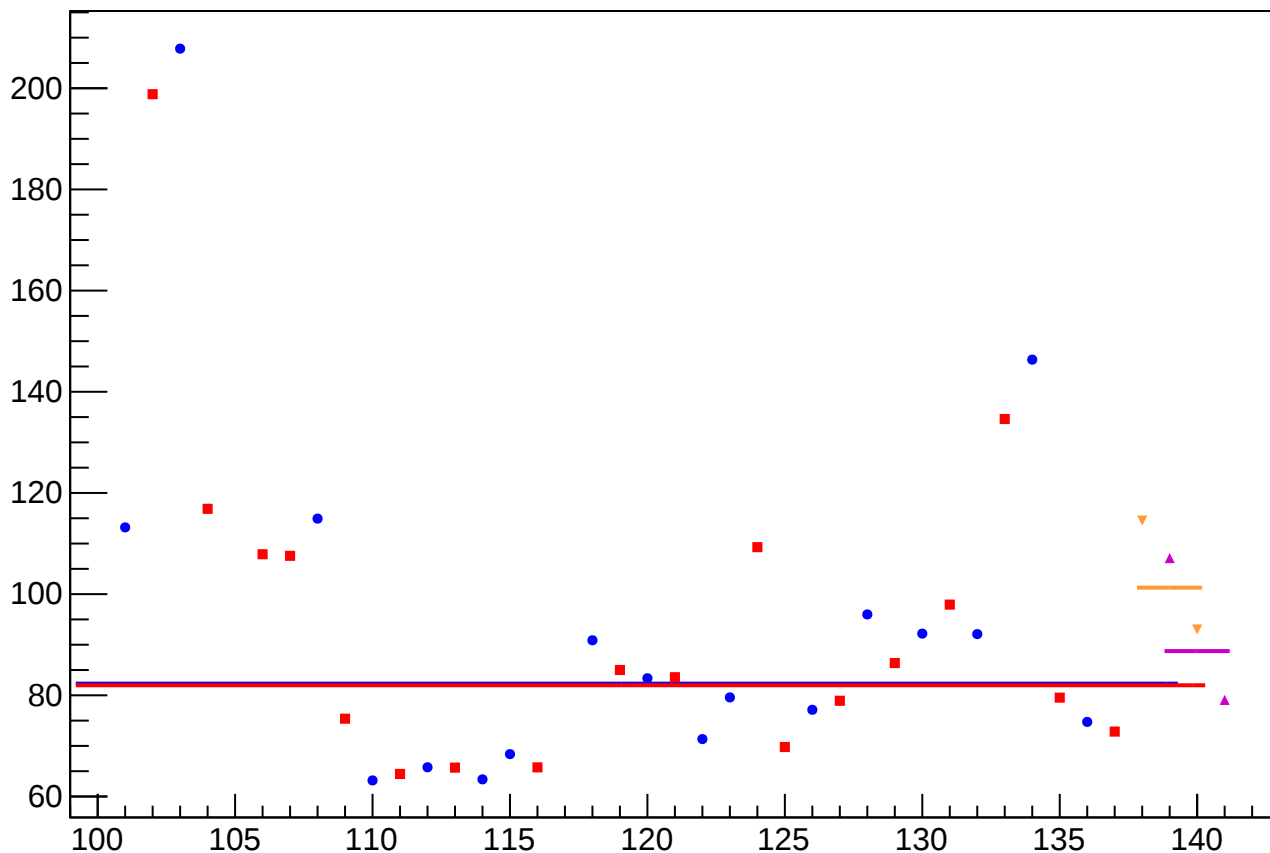
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 8.228+/-30.075 χ^2/NDF : 16.6/18

Out: 27.439+/-30.379 χ^2/NDF : 28.8/19

All: 17.737+/-21.373 χ^2/NDF : 45.6/38

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 101.283+/-0.059 χ^2/NDF : 31380.1/1

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 88.747+/-0.050 χ^2/NDF : 70936.8/1

Left: 93.975+/-0.038 χ^2/NDF : 128510.9/3

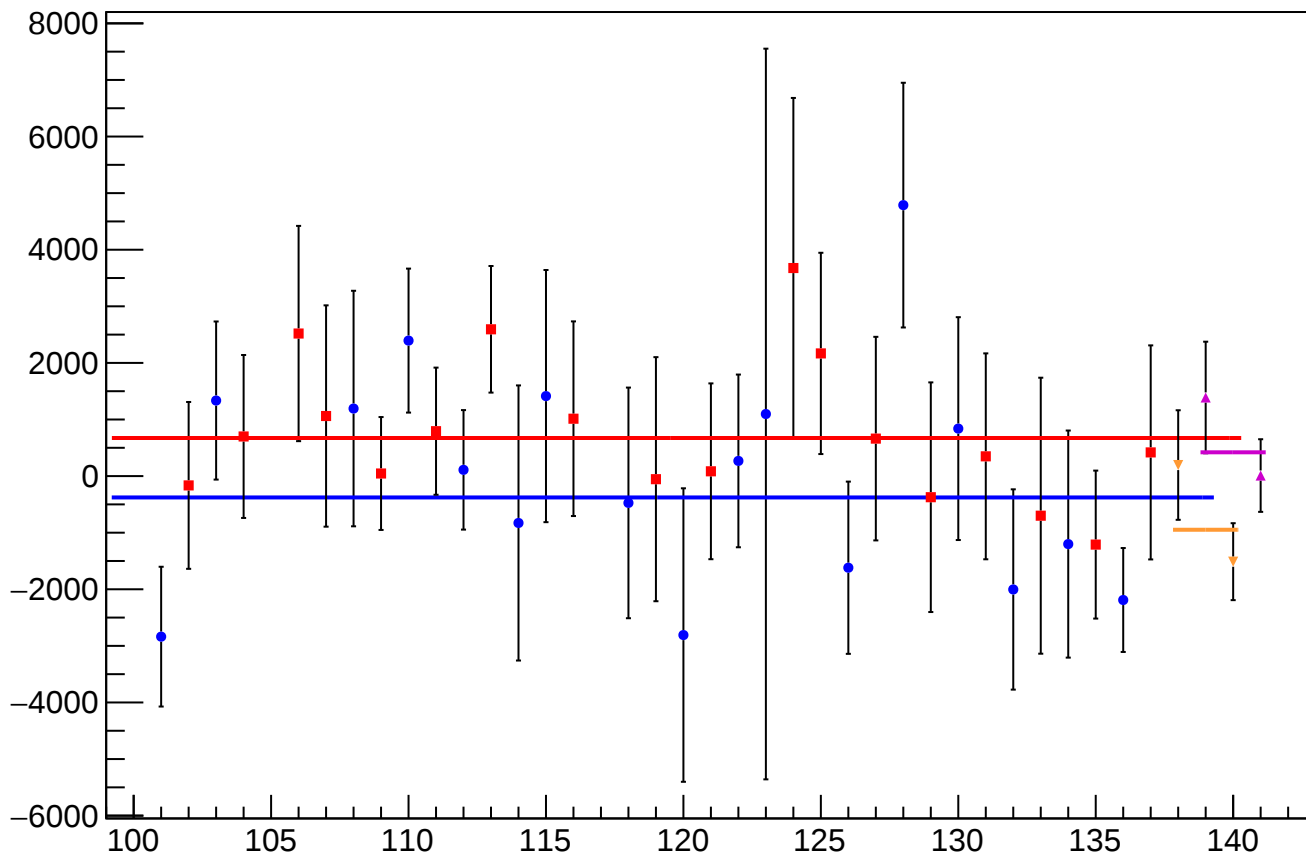
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 83.470+/-0.021 χ^2/NDF : 953262.8/18

Out: 84.533+/-0.021 χ^2/NDF : 977001.7/19

All: 83.996+/-0.015 χ^2/NDF : 1931501.1/38

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: -948.150 ± 556.310 $\chi^2/\text{NDF}: 2.1/1$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 420.290 ± 537.736 $\chi^2/\text{NDF}: 1.4/1$

Left: -240.704 ± 386.637 $\chi^2/\text{NDF}: 6.6/3$

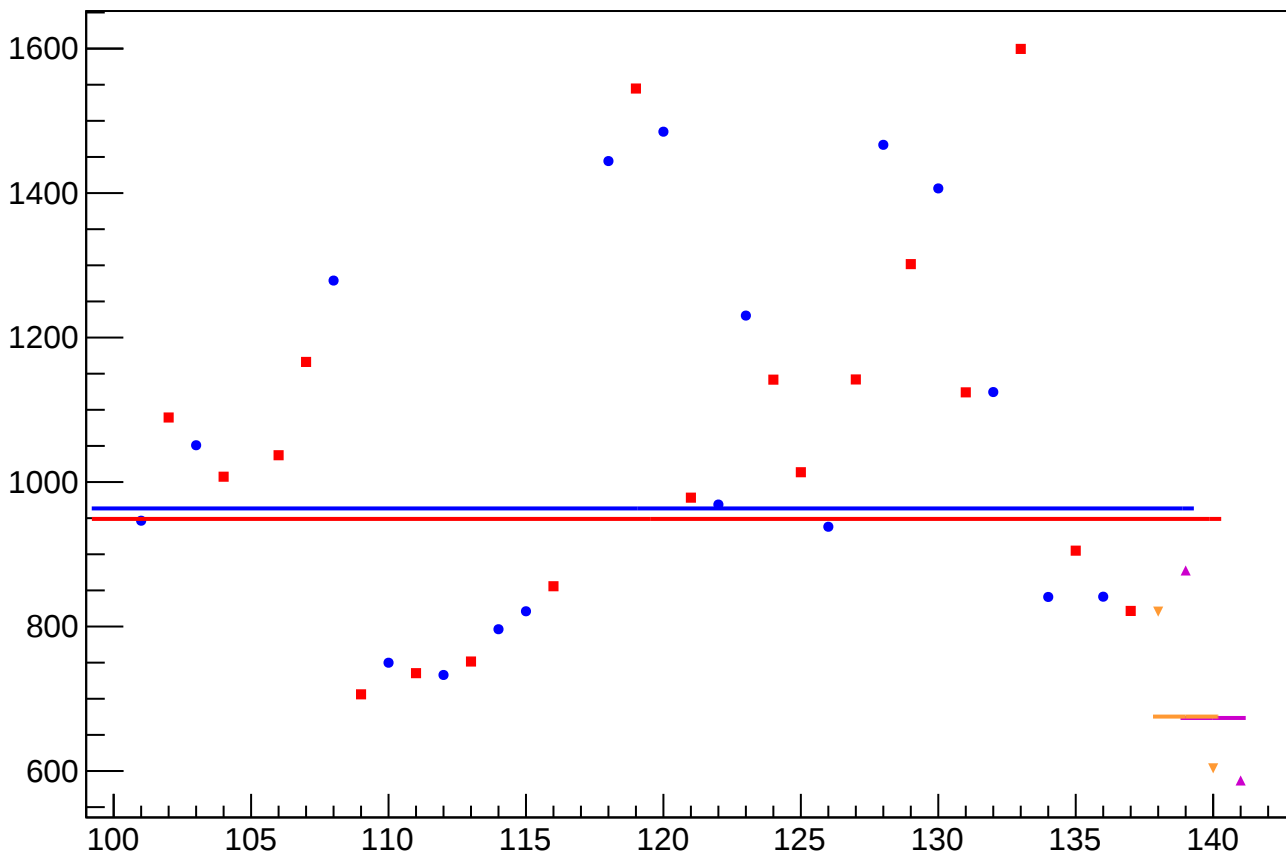
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -108.050 ± 312.445 $\chi^2/\text{NDF}: 27.3/18$

Out: 178.511 ± 307.286 $\chi^2/\text{NDF}: 17.4/19$

All: 37.616 ± 219.085 $\chi^2/\text{NDF}: 45.1/38$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 675.335+/-0.393 χ^2/NDF : 67262.0/1

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 673.419+/-0.380 χ^2/NDF : 122187.9/1

Left: 674.345+/-0.273 χ^2/NDF : 189462.2/3

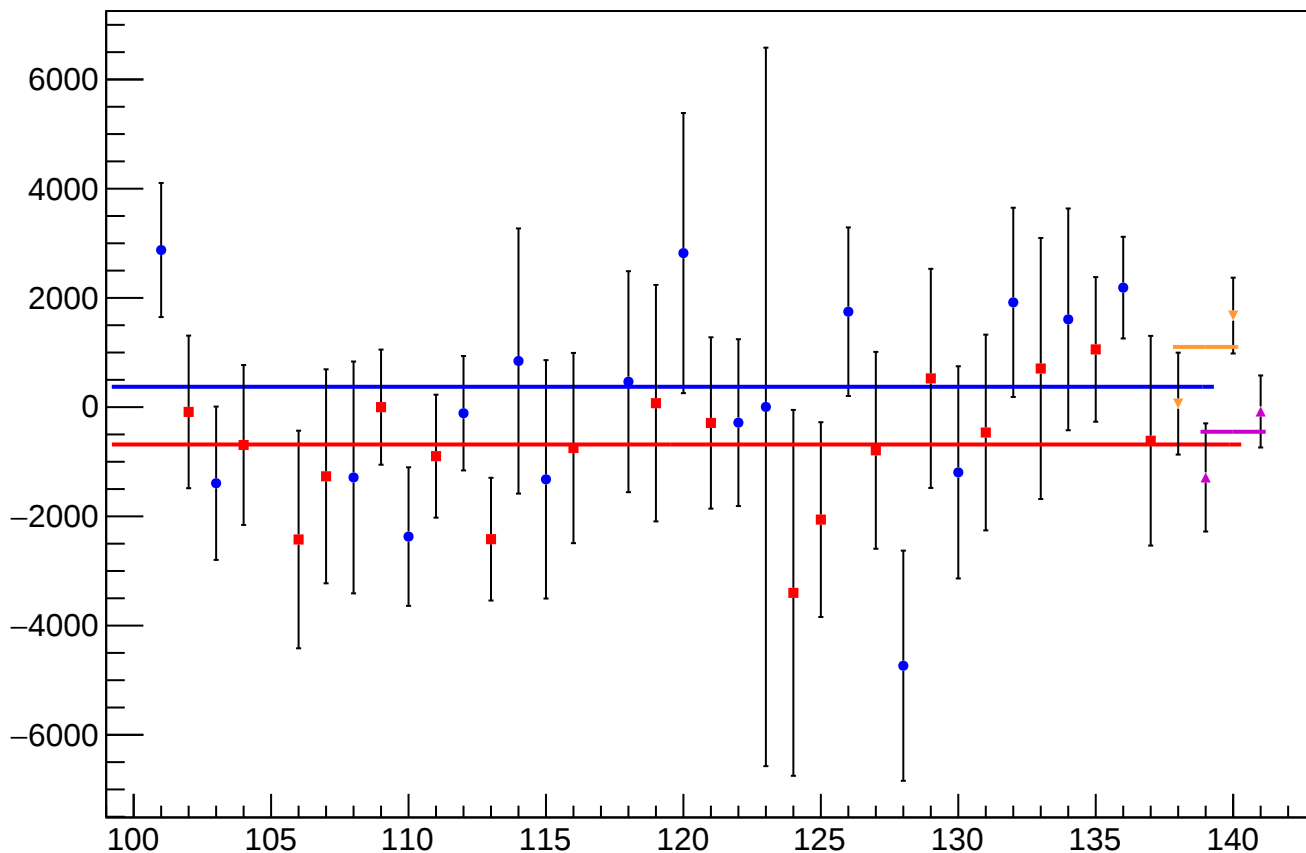
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 865.547+/-0.221 χ^2/NDF : 1196499.0/18

Out: 865.467+/-0.217 χ^2/NDF : 1132831.2/19

All: 865.506+/-0.155 χ^2/NDF : 2329330.2/38

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1102.463+/-556.872 χ^2/NDF : 1.9/1

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: -450.741+/-548.907 χ^2/NDF : 1.0/1

Left: 314.675+/-390.922 χ^2/NDF : 6.9/3

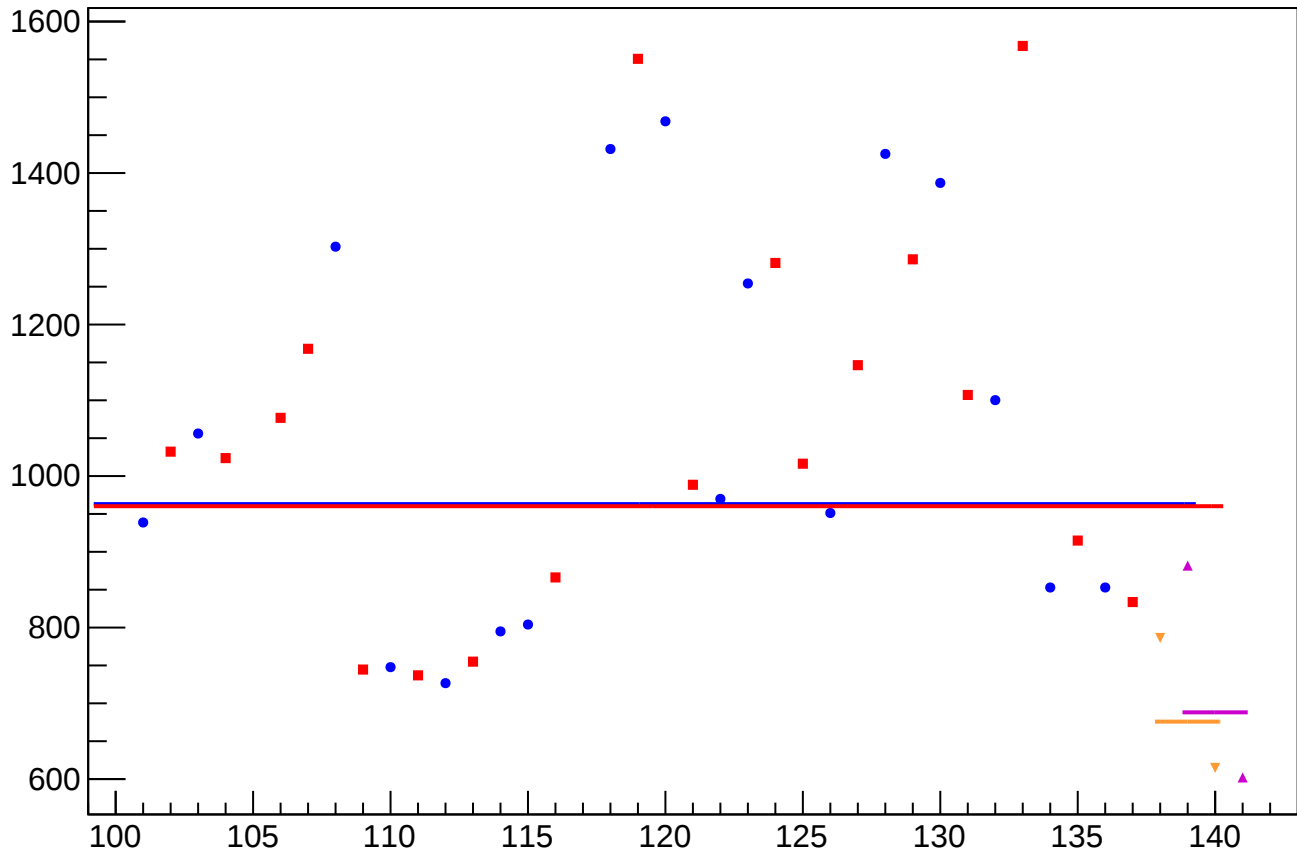
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 102.579+/-314.462 χ^2/NDF : 27.8/18

Out: -131.654+/-309.570 χ^2/NDF : 16.8/19

All: -16.374+/-220.608 χ^2/NDF : 44.9/38

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 675.836+/-0.394 χ^2/NDF : 43500.4/1

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 688.107+/-0.388 χ^2/NDF : 110495.6/1

Left: 682.060+/-0.276 χ^2/NDF : 154488.6/3

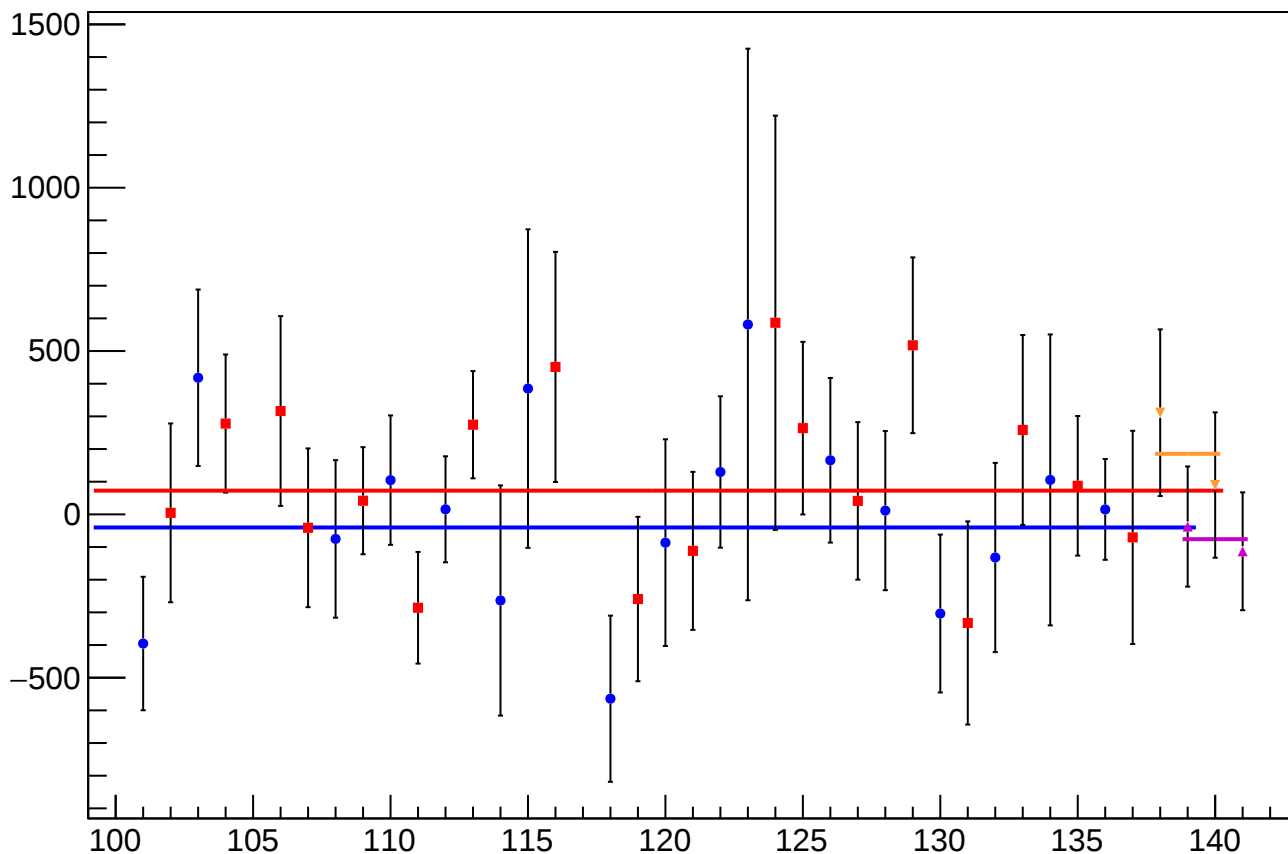
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 872.761+/-0.222 χ^2/NDF : 1114920.3/18

Out: 872.334+/-0.219 χ^2/NDF : 1074903.5/19

All: 872.544+/-0.156 χ^2/NDF : 2189825.7/38

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 185.357 ± 167.674 χ^2/NDF : 0.4/1

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: -75.893 ± 128.796 χ^2/NDF : 0.1/1

Left: 21.052 ± 102.141 χ^2/NDF : 2.0/3

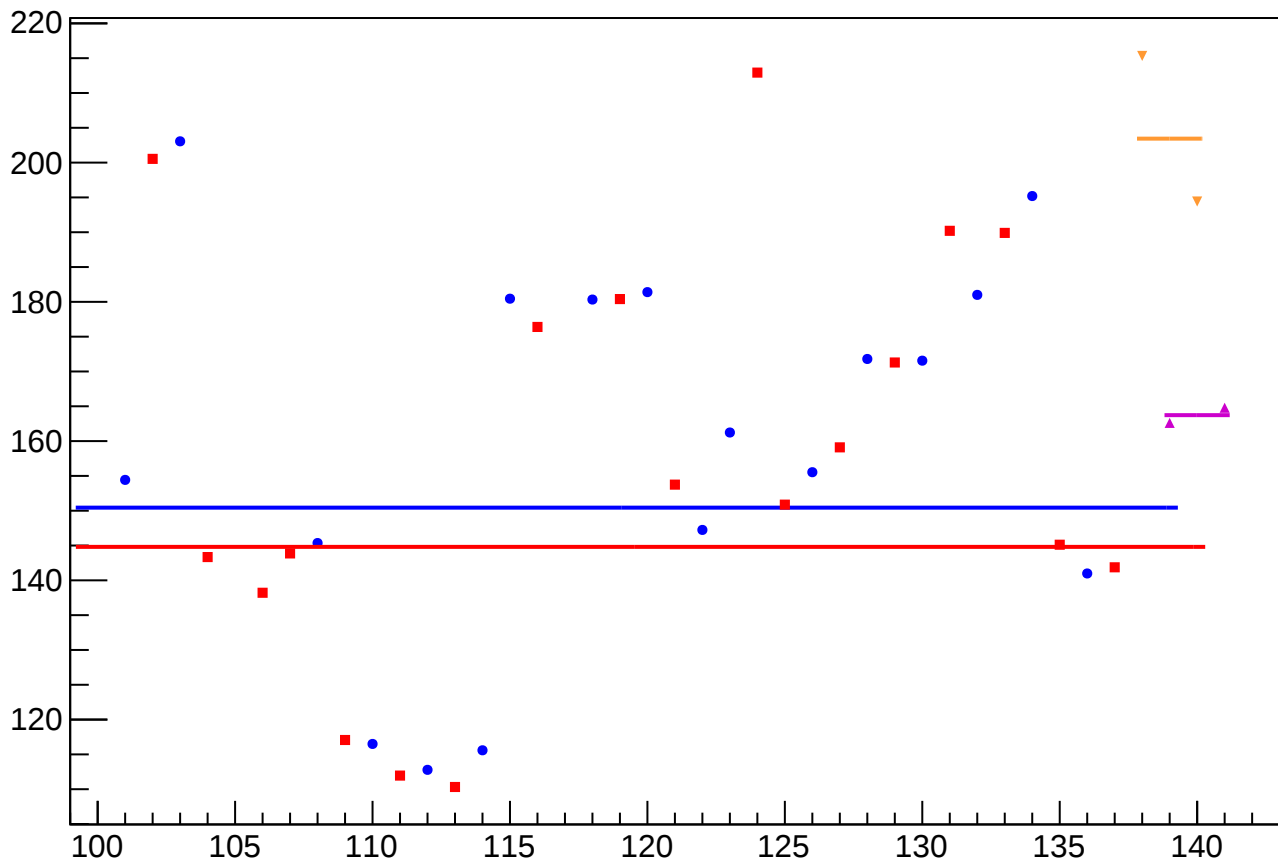
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: -46.371 ± 53.832 χ^2/NDF : 15.5/18

Out: 84.035 ± 53.383 χ^2/NDF : 18.4/19

All: 19.378 ± 37.905 χ^2/NDF : 36.9/38

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: 203.442 $\pm$ 0.119 χ^2 /NDF: 7631.5/1

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 163.726 $\pm$ 0.091 χ^2 /NDF: 142.6/1

Left: 178.464 $\pm$ 0.072 χ^2 /NDF: 78344.3/3

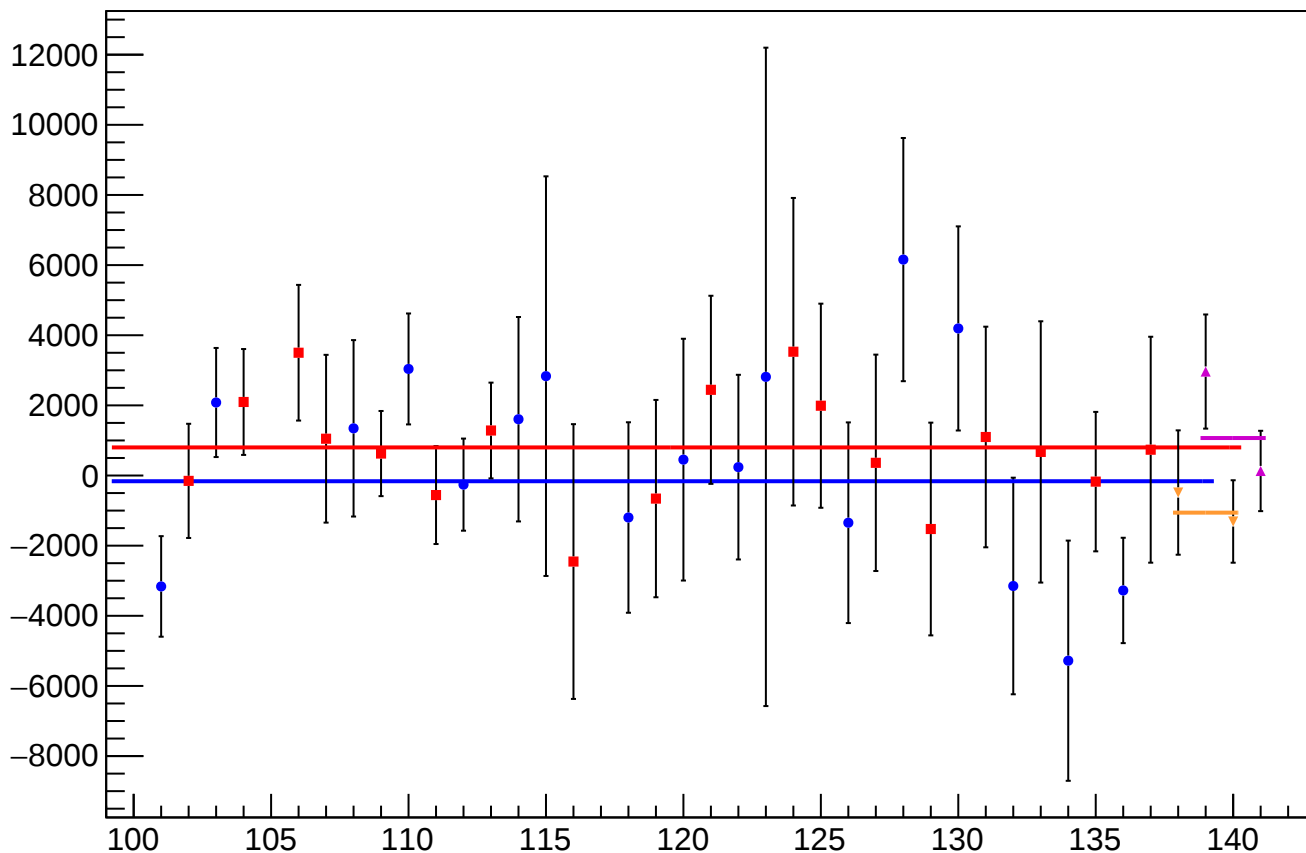
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 152.762 $\pm$ 0.038 χ^2 /NDF: 417824.7/18

Out: 150.750 $\pm$ 0.038 χ^2 /NDF: 731279.6/19

All: 151.748 $\pm$ 0.027 χ^2 /NDF: 1150512.9/38

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1058.572+/-979.781 χ^2/NDF : 0.2/1

Right Out: 801.139+/-486.610 χ^2/NDF : 6.9/17

Left In: 1068.985+/-936.646 χ^2/NDF : 2.0/1

Left: 53.070+/-677.044 χ^2/NDF : 4.6/3

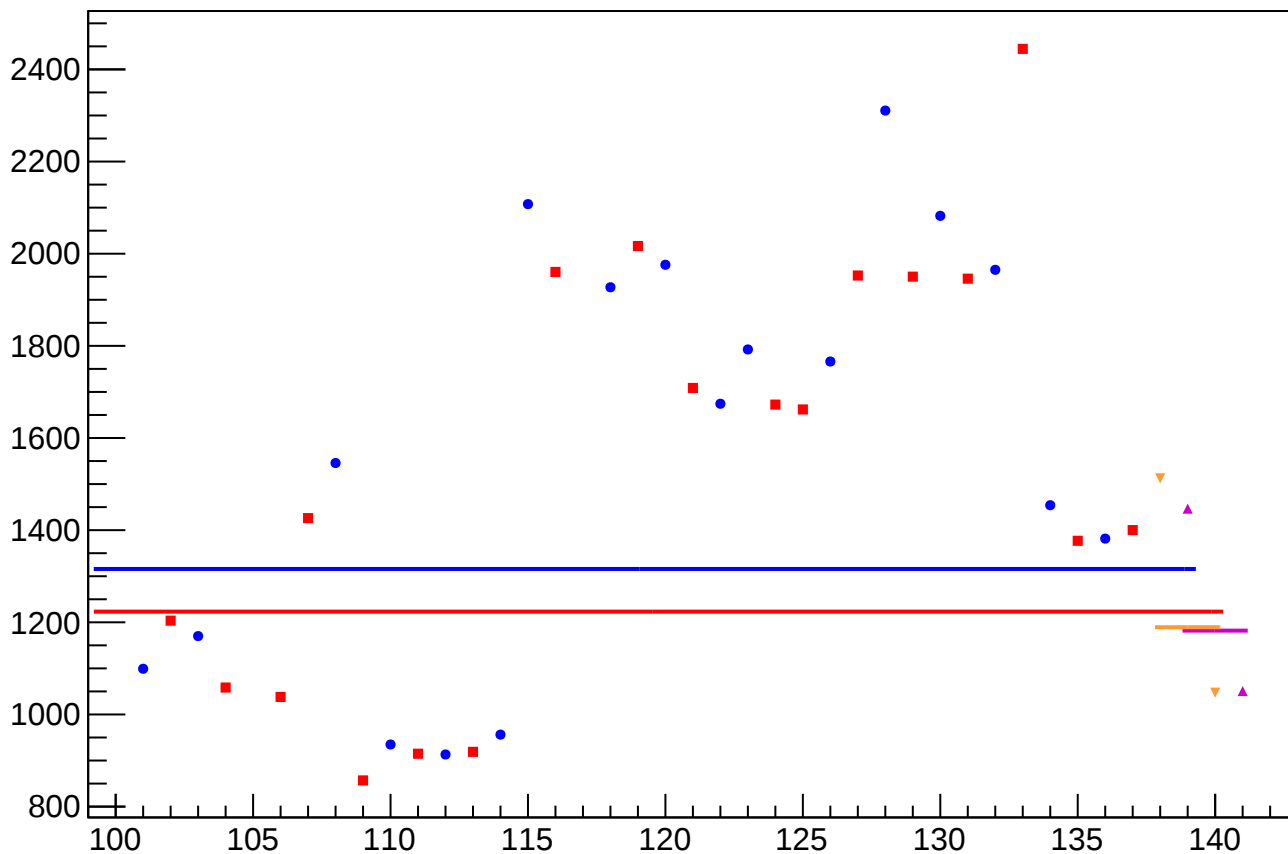
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 138.643+/-463.355 χ^2/NDF : 28.4/18

Out: 433.179+/-435.819 χ^2/NDF : 9.9/19

All: 294.922+/-317.459 χ^2/NDF : 38.5/38

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 +/- 0.377 χ^2/NDF : 1118346.6/16

Left Out: 1189.335 +/- 0.693 χ^2/NDF : 95651.6/1

Right Out: 1223.179 +/- 0.344 χ^2/NDF : 1363055.0/17

Left In: 1181.978 +/- 0.662 χ^2/NDF : 79169.1/1

Left: 1185.491 +/- 0.479 χ^2/NDF : 174879.6/3

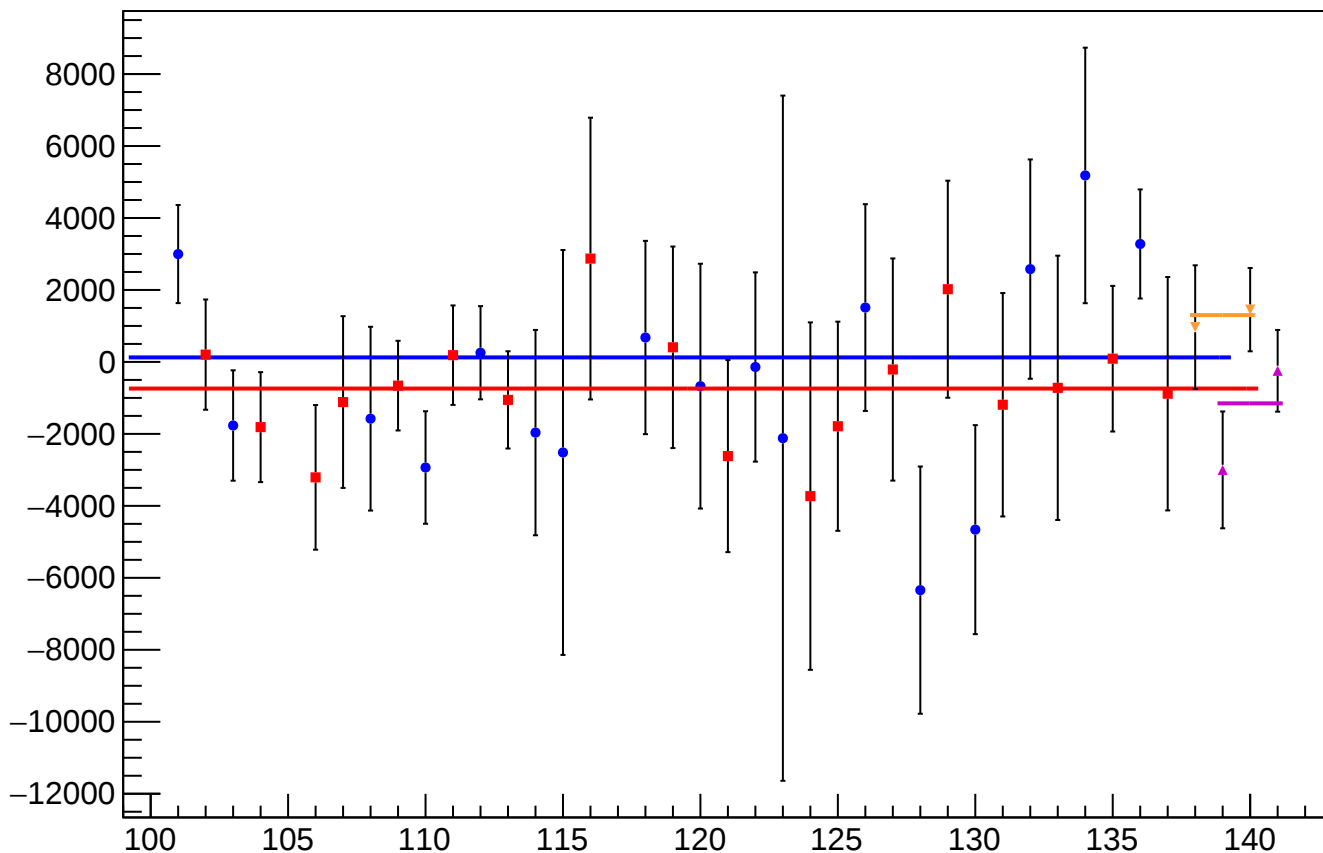
Right: 1265.263 +/- 0.254 χ^2/NDF : 2514318.9/34

In: 1283.039 +/- 0.328 χ^2/NDF : 1228343.1/18

Out: 1216.482 +/- 0.308 χ^2/NDF : 1460620.7/19

All: 1247.724 +/- 0.224 χ^2/NDF : 2710858.8/38

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1301.182 $\pm$ 960.368 χ^2 /NDF:0.1/1

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -1151.168 $\pm$ 930.461 χ^2 /NDF:1.9/1

Left: 36.228 $\pm$ 668.258 χ^2 /NDF: 5.4/3

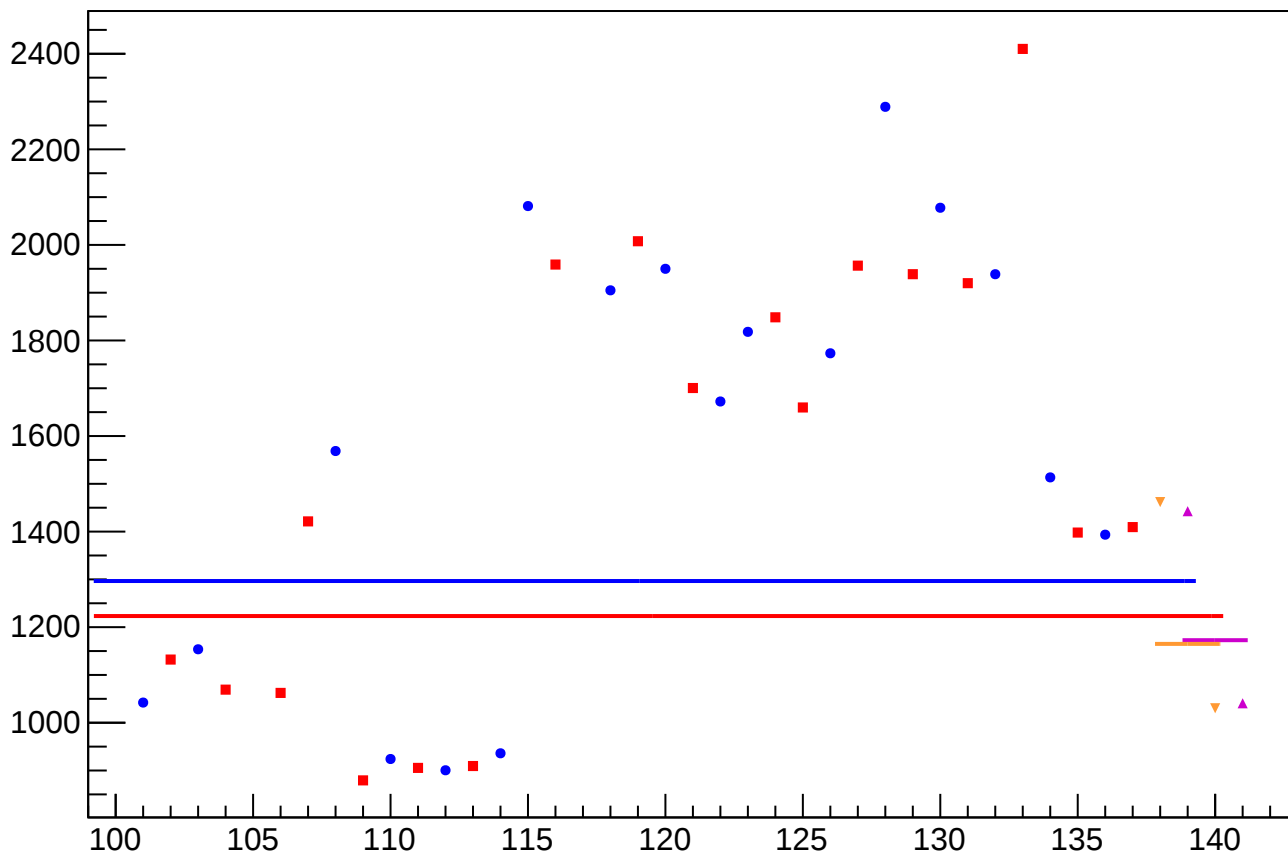
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -184.492 $\pm$ 458.426 χ^2 /NDF:28.0/18

Out: -322.705 $\pm$ 434.210 χ^2 /NDF:9.6/19

All: -257.345 $\pm$ 315.246 χ^2 /NDF: 37.7/38

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1164.980+/-0.679 χ^2/NDF : 86681.2/1

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1172.744+/-0.658 χ^2/NDF : 82357.7/1

Left: 1168.985+/-0.473 χ^2/NDF : 169106.3/3

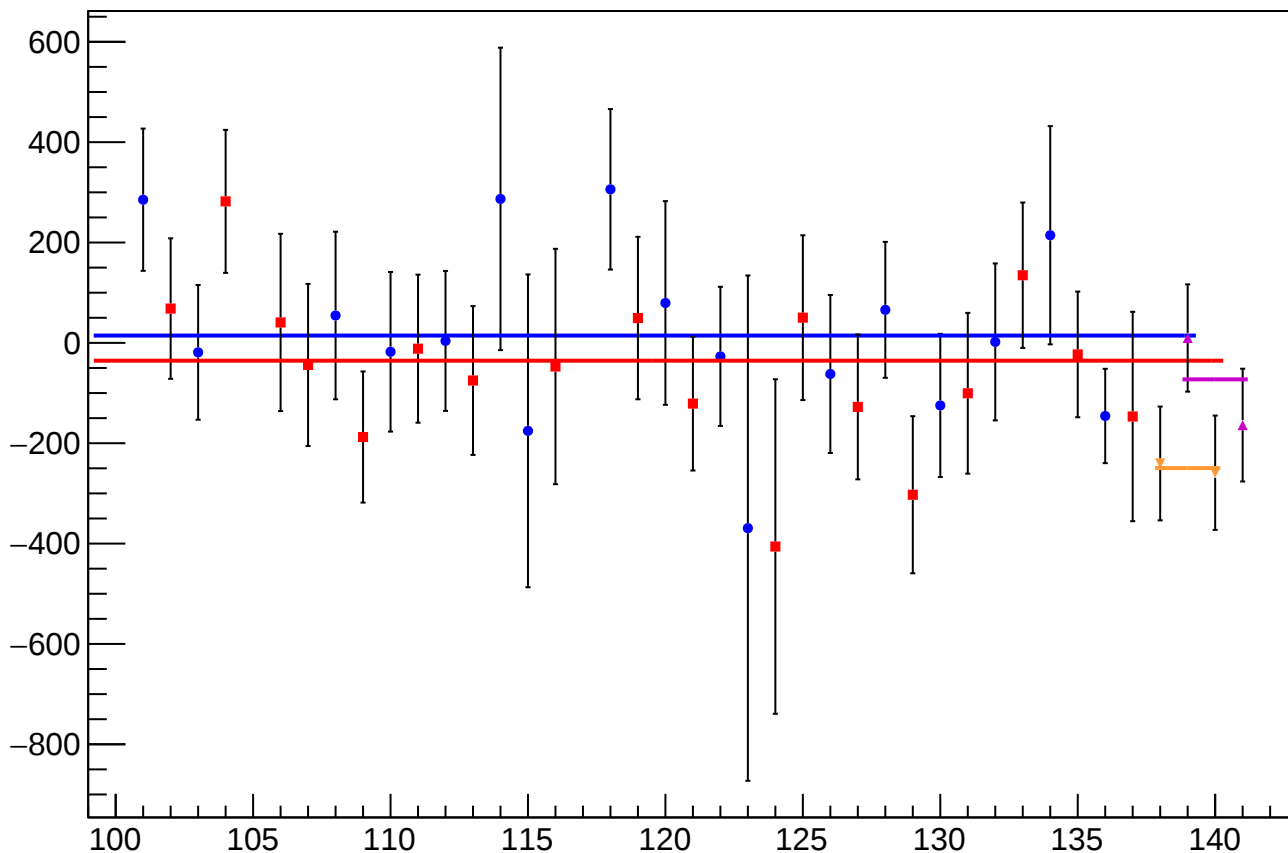
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1266.515+/-0.324 χ^2/NDF : 1284647.1/18

Out: 1211.358+/-0.307 χ^2/NDF : 1439233.1/19

All: 1237.441+/-0.223 χ^2/NDF : 2739141.6/38

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577+/-38.017 χ^2/NDF : 14.2/16

Left Out: -249.494+/-80.364 χ^2/NDF : 0.0/1

Right Out: -35.475+/-36.728 χ^2/NDF : 14.5/17

Left In: -72.713+/-77.453 χ^2/NDF : 1.3/1

Left: -157.844+/-55.768 χ^2/NDF : 3.8/3

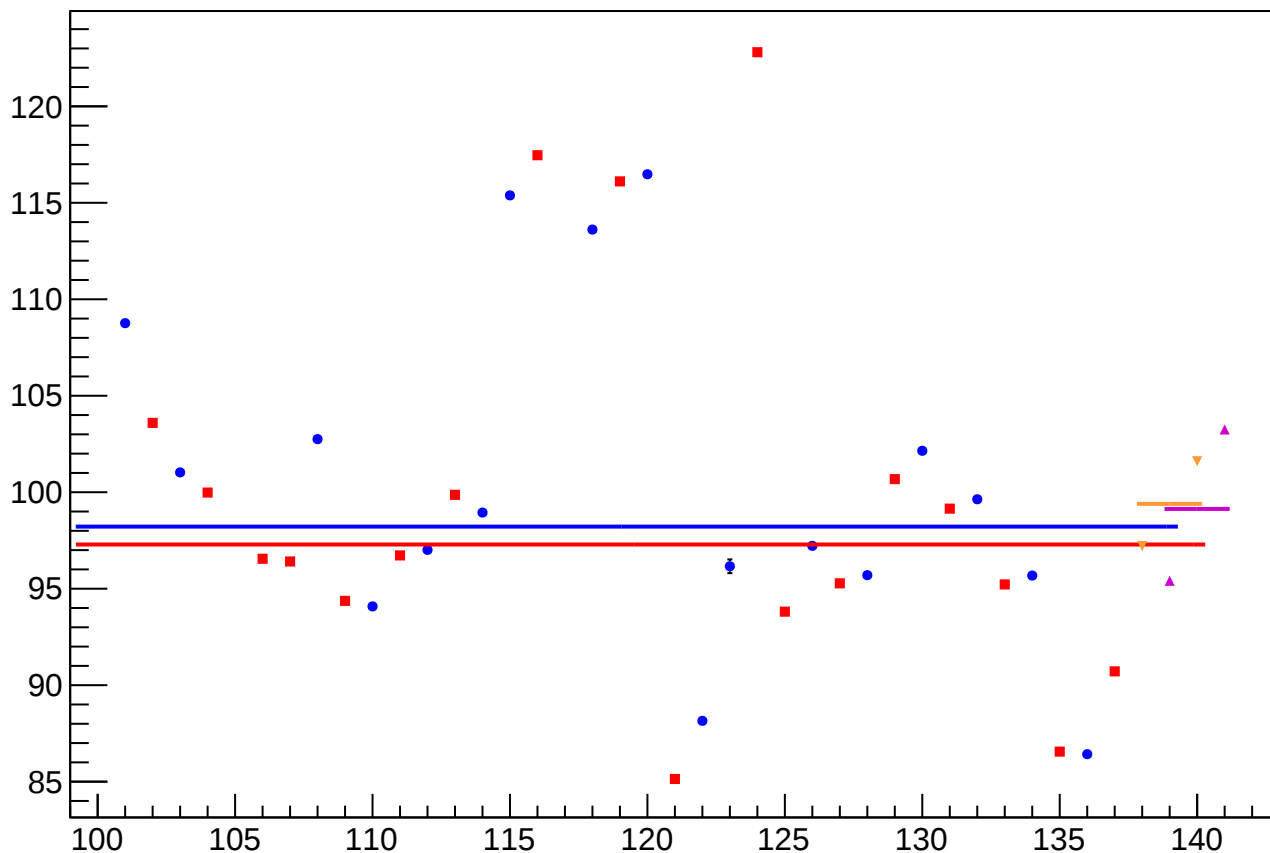
Right: -11.312+/-26.414 χ^2/NDF : 29.6/34

In: -2.370+/-34.127 χ^2/NDF : 16.5/18

Out: -72.452+/-33.405 χ^2/NDF : 20.4/19

All: -38.161+/-23.872 χ^2/NDF : 39.0/38

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 99.397+/-0.057 χ^2/NDF : 1493.5/1

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 99.134+/-0.055 χ^2/NDF : 5113.9/1

Left: 99.261+/-0.039 χ^2/NDF : 6618.6/3

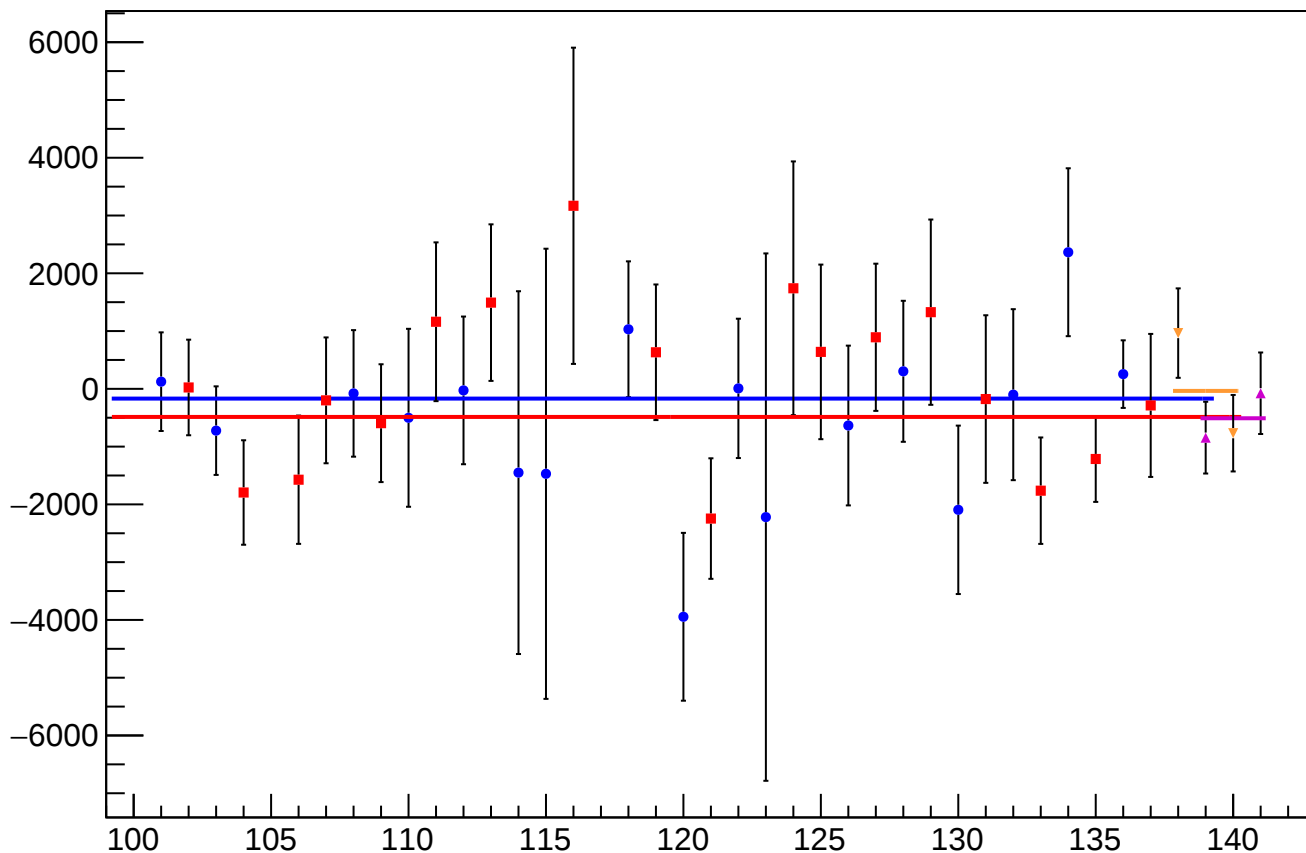
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 98.397+/-0.024 χ^2/NDF : 105849.2/18

Out: 97.654+/-0.024 χ^2/NDF : 98847.3/19

All: 98.018+/-0.017 χ^2/NDF : 205179.7/38

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: -35.818 ± 503.150 χ^2/NDF : 2.9/1

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -509.272 ± 466.195 χ^2/NDF : 0.7/1

Left: -290.569 ± 341.969 χ^2/NDF : 4.0/3

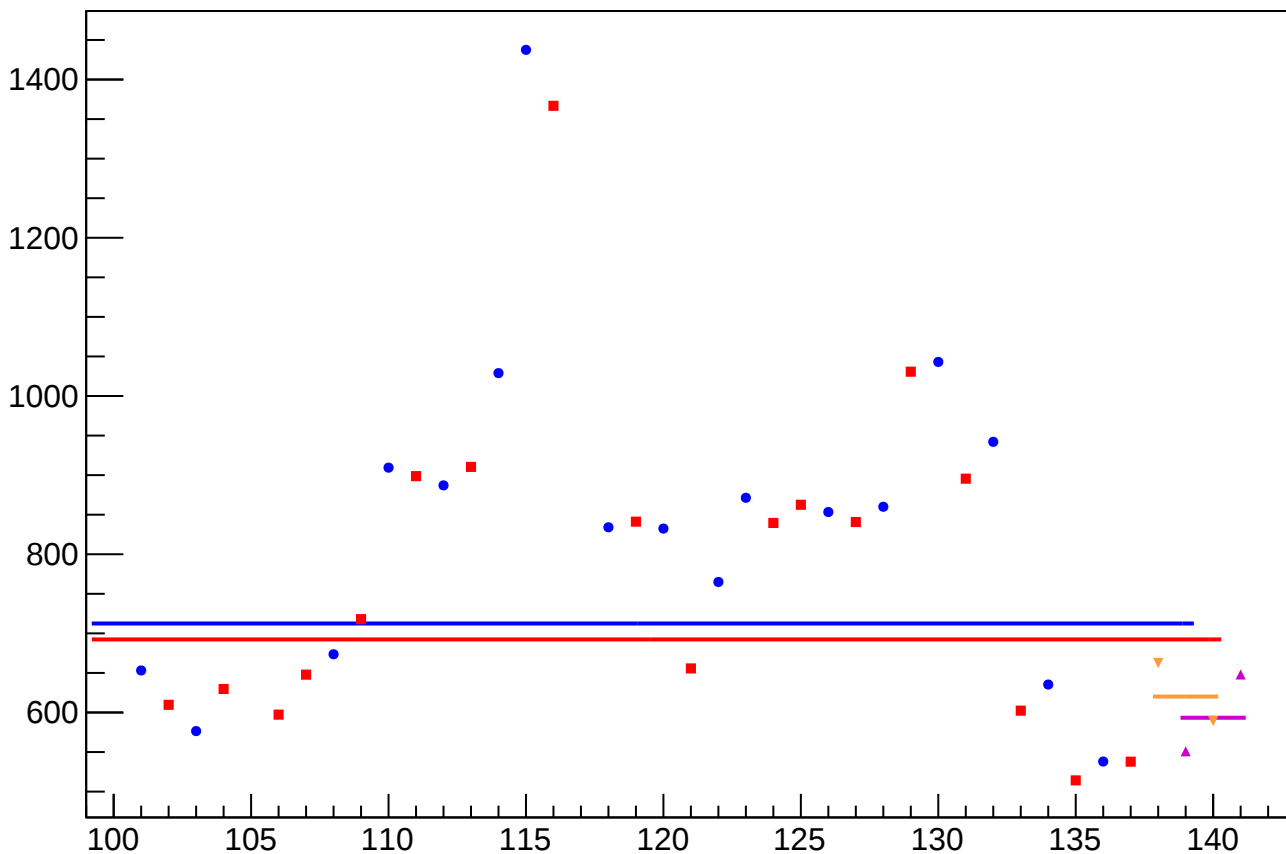
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -260.092 ± 241.402 χ^2/NDF : 15.6/18

Out: -386.744 ± 236.545 χ^2/NDF : 23.1/19

All: -324.705 ± 168.953 χ^2/NDF : 38.9/38

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 620.144+/-0.356 χ^2/NDF : 10401.5/1

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 593.360+/-0.330 χ^2/NDF : 21346.9/1

Left: 605.732+/-0.242 χ^2/NDF : 34797.7/3

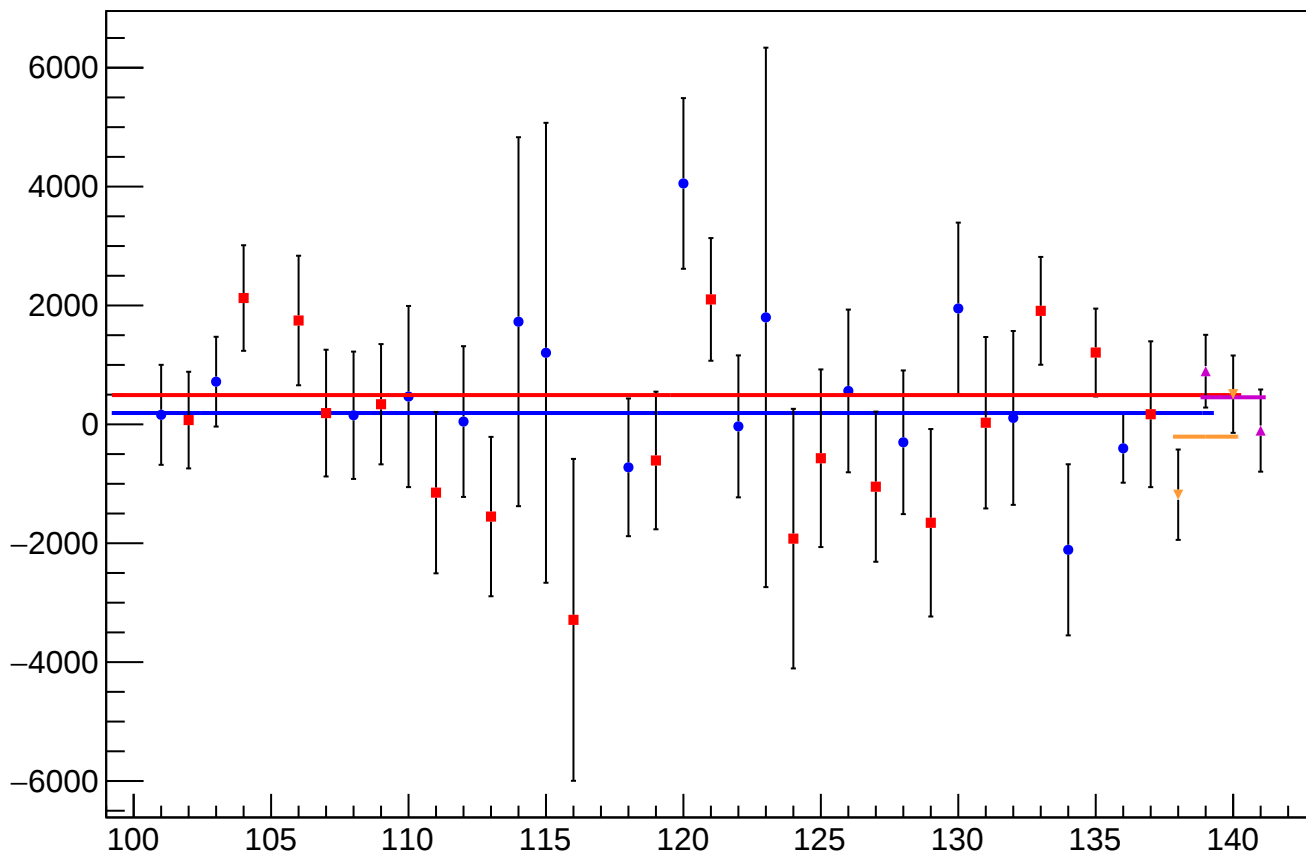
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.537+/-0.171 χ^2/NDF : 777425.4/18

Out: 676.385+/-0.167 χ^2/NDF : 699433.3/19

All: 678.419+/-0.119 χ^2/NDF : 1477160.6/38

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -207.157+/-494.151 χ^2/NDF : 2.9/1

Right Out: 492.784+/-264.629 χ^2/NDF : 22.8/17

Left In: 455.557+/-458.078 χ^2/NDF : 1.2/1

Left: 149.270+/-335.940 χ^2/NDF : 5.0/3

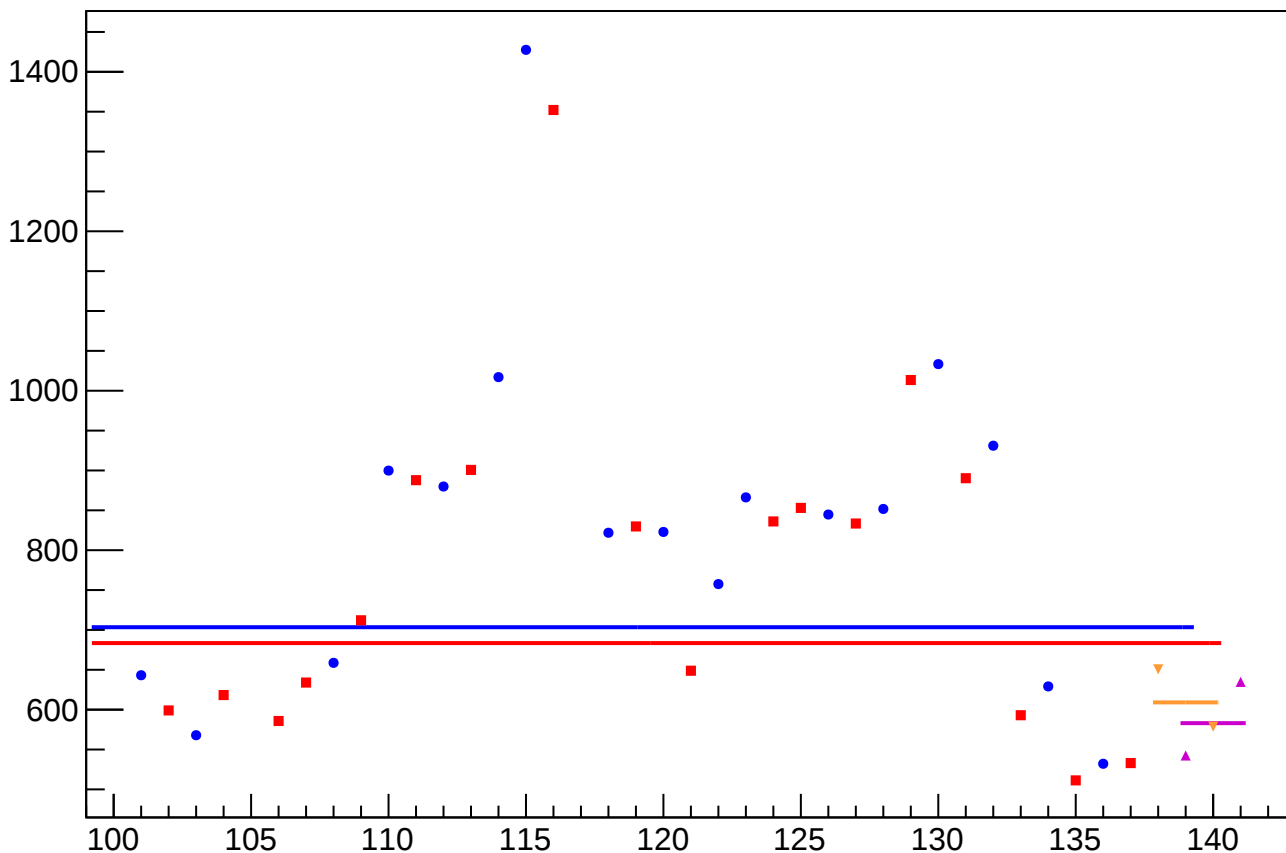
Right: 349.629+/-191.893 χ^2/NDF : 37.6/34

In: 262.374+/-238.076 χ^2/NDF : 15.6/18

Out: 336.789+/-233.284 χ^2/NDF : 27.2/19

All: 300.338+/-166.625 χ^2/NDF : 42.9/38

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 609.091+/-0.349 χ^2/NDF :10314.1/1

Right Out: 683.493+/-0.187 χ^2/NDF : 659356.0/17

Left In: 583.070+/-0.324 χ^2/NDF :20007.9/1

Left: 595.096+/-0.238 χ^2/NDF : 33304.5/3

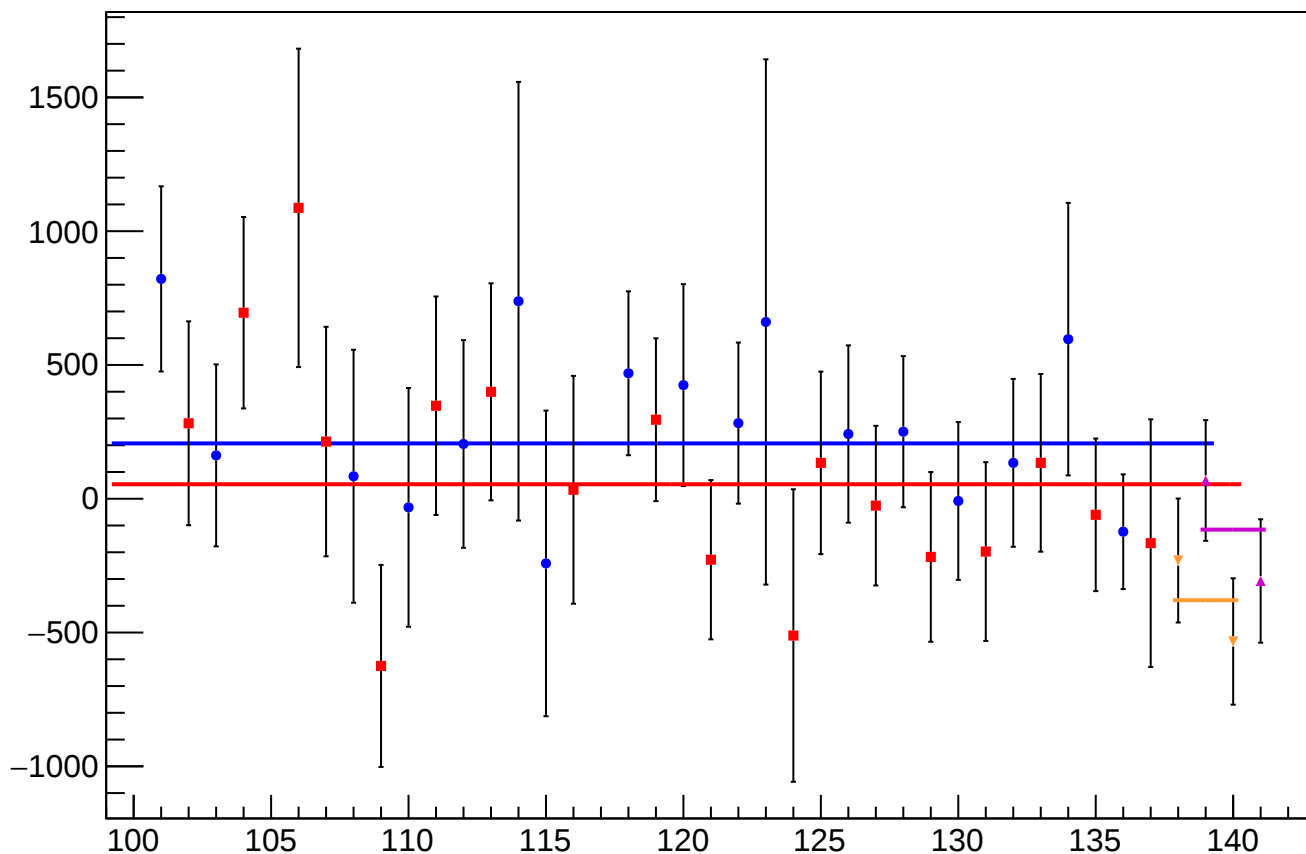
Right: 692.935+/-0.136 χ^2/NDF : 1331611.8/34

In: 670.901+/-0.168 χ^2/NDF :787632.2/18

Out: 666.911+/-0.165 χ^2/NDF :704905.0/19

All: 668.865+/-0.118 χ^2/NDF : 1492823.9/38

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -379.246 $\pm$ 165.382 χ^2 /NDF:0.8/1

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -115.362 $\pm$ 161.275 χ^2 /NDF:1.4/1

Left: -243.986 $\pm$ 115.463 χ^2 /NDF: 3.5/3

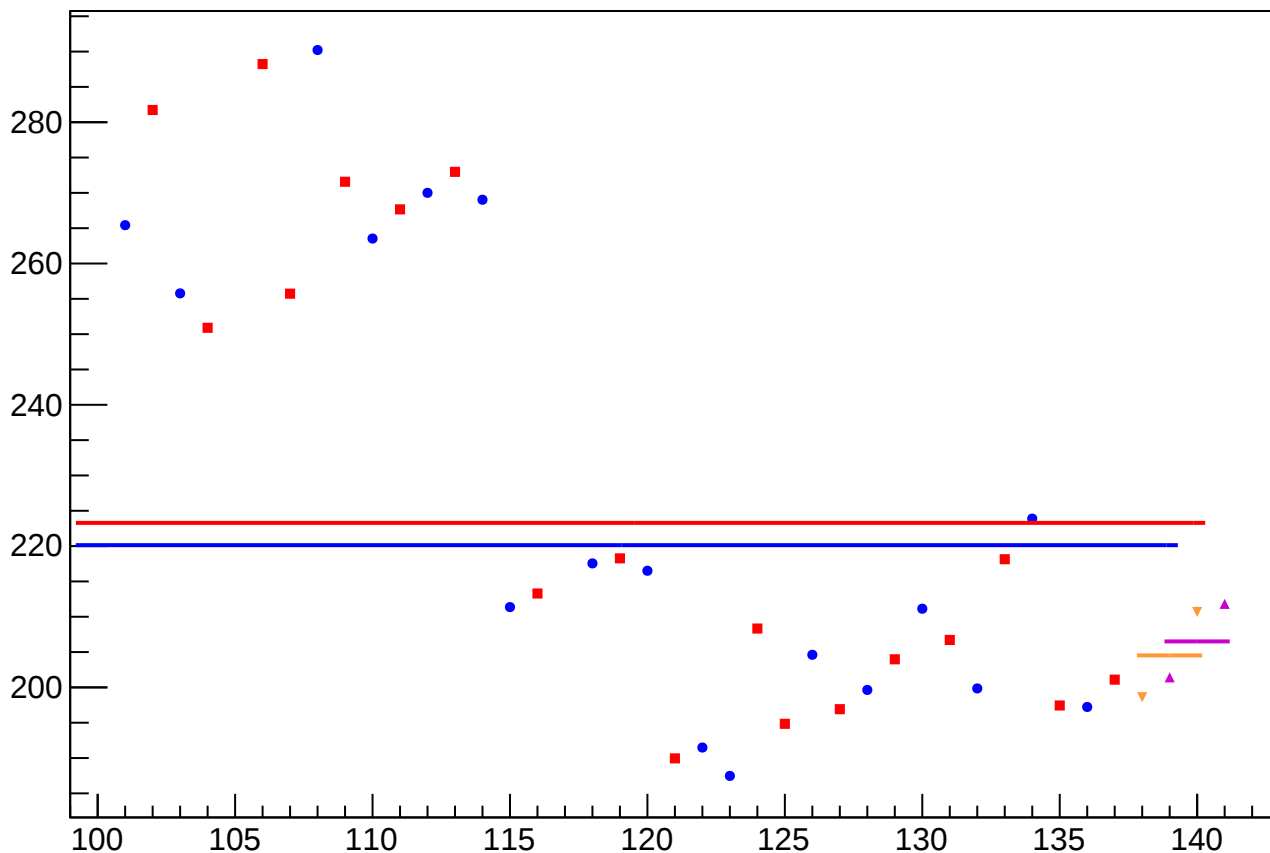
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: 136.006 $\pm$ 75.631 χ^2 /NDF:14.0/18

Out: -36.708 $\pm$ 75.735 χ^2 /NDF:21.9/19

All: 49.767 $\pm$ 53.516 χ^2 /NDF: 38.5/38

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 204.528+/-0.117 χ^2/NDF : 2662.0/1

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 206.508+/-0.114 χ^2/NDF : 2079.0/1

Left: 205.543+/-0.082 χ^2/NDF : 4887.9/3

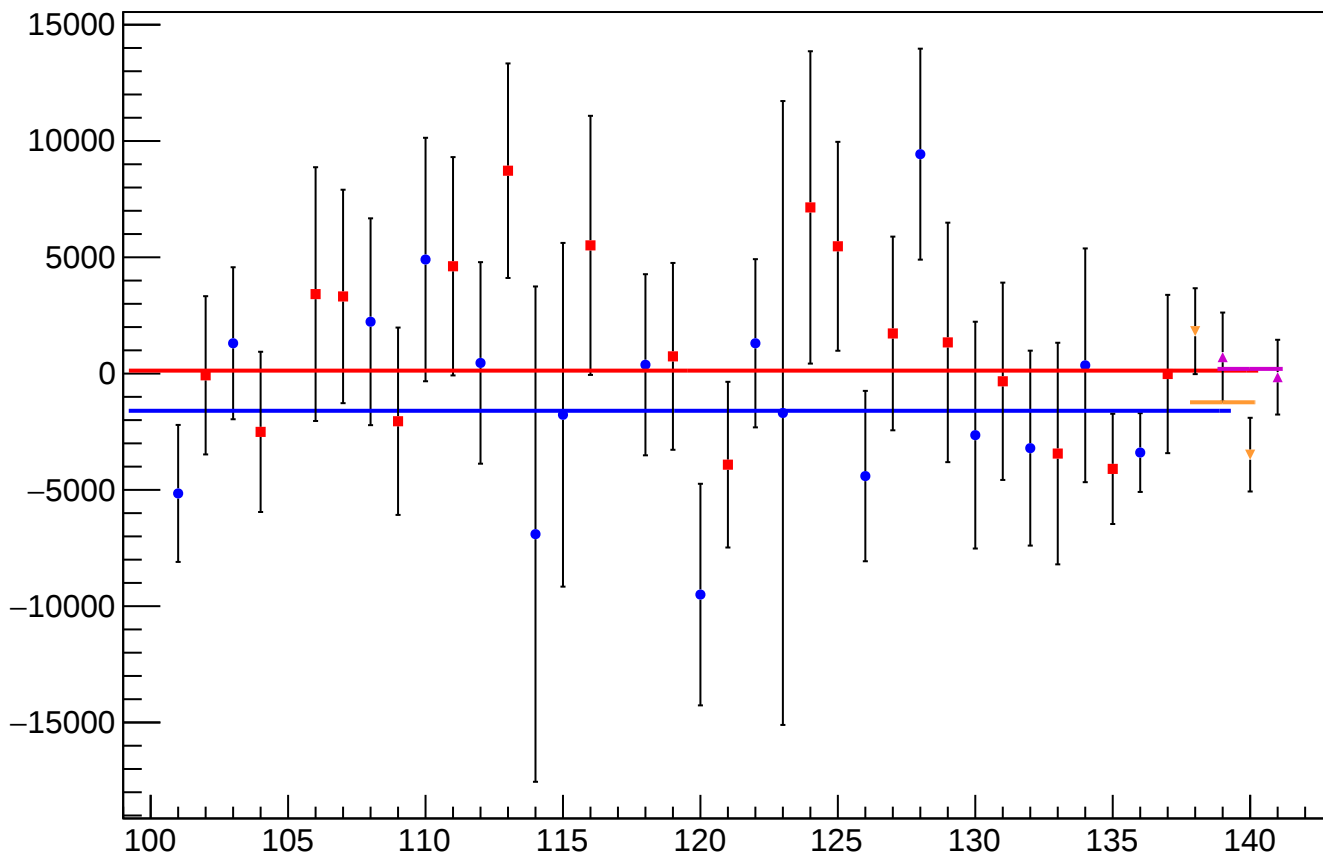
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 217.136+/-0.053 χ^2/NDF : 241657.5/18

Out: 219.354+/-0.054 χ^2/NDF : 295253.5/19

All: 218.243+/-0.038 χ^2/NDF : 537769.2/38

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: -1233.628 $\pm$ 1202.448 χ^2 /NDF:4.8/1

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: 202.096 $\pm$ 1231.415 χ^2 /NDF:0.1/1

Left: -532.851 $\pm$ 860.318 χ^2 /NDF: 5.6/3

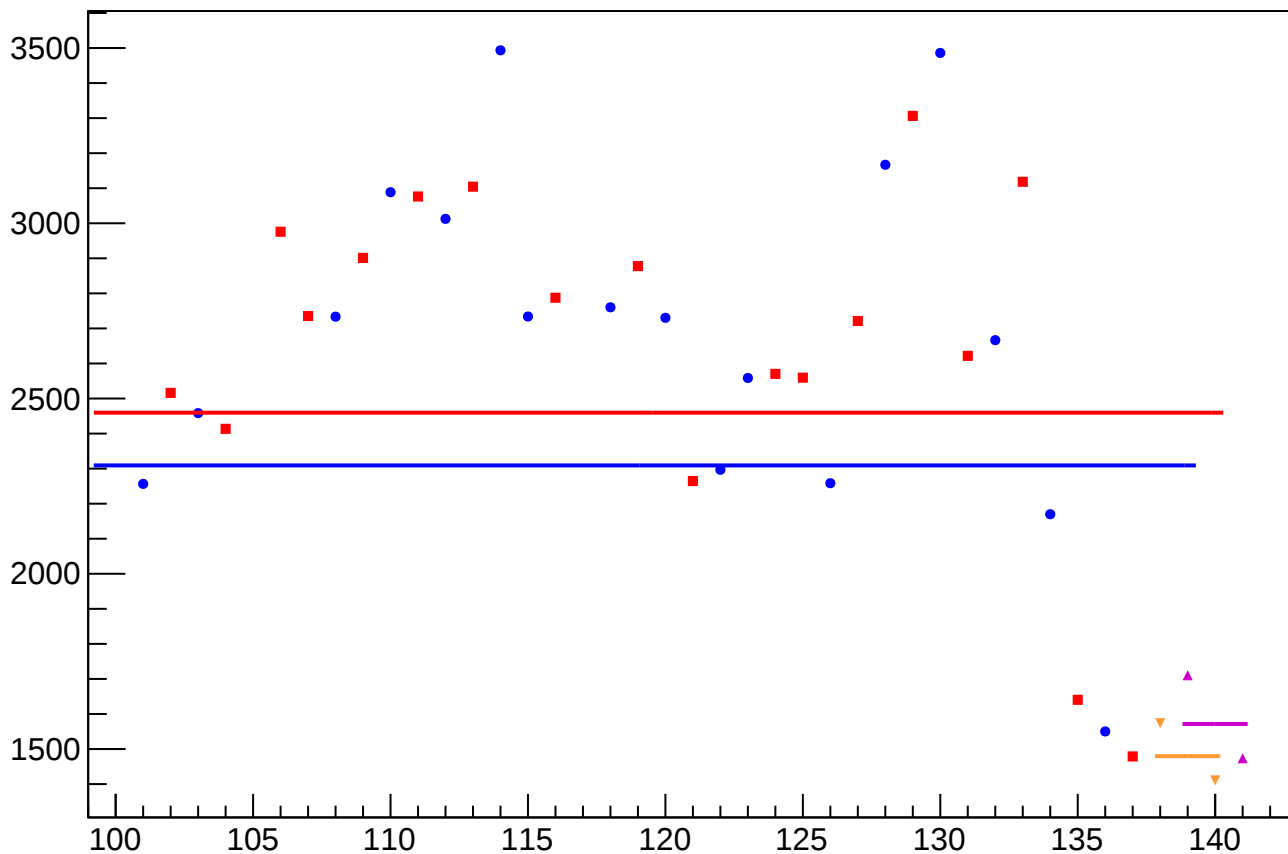
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -952.900 $\pm$ 737.557 χ^2 /NDF:18.1/18

Out: -394.817 $\pm$ 744.990 χ^2 /NDF:20.4/19

All: -676.656 $\pm$ 524.140 χ^2 /NDF: 38.8/38

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: 1479.678 $\pm$ 0.850 χ^2 /NDF: 8989.8/1

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1571.535 $\pm$ 0.871 χ^2 /NDF: 17953.7/1

Left: 1524.513 $\pm$ 0.608 χ^2 /NDF: 32640.3/3

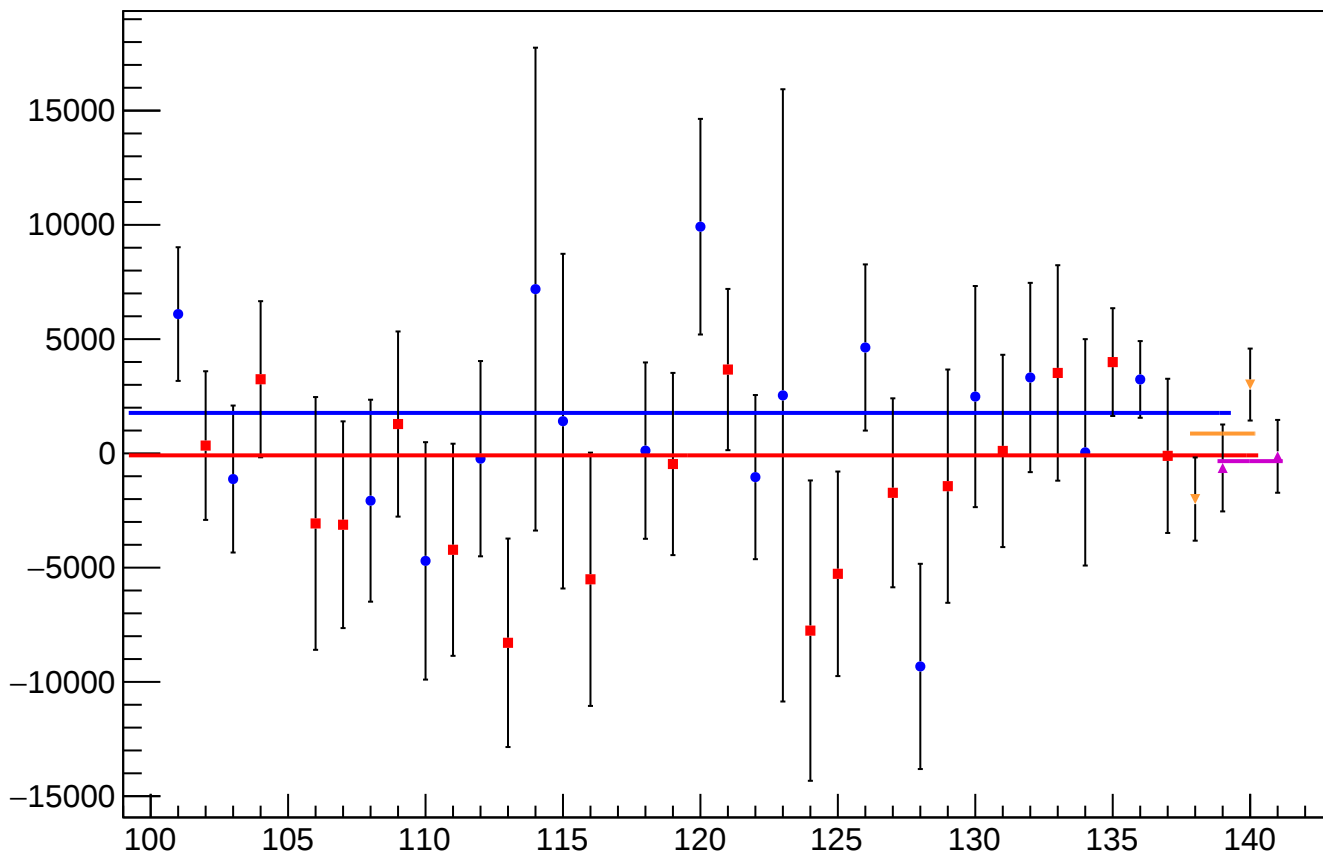
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 2044.524 $\pm$ 0.522 χ^2 /NDF: 1278824.3/18

Out: 2083.454 $\pm$ 0.527 χ^2 /NDF: 1495568.5/19

All: 2063.794 $\pm$ 0.371 χ^2 /NDF: 2777150.7/38

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 867.606+/-1191.127 χ^2/NDF : 4.3/1

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -338.883+/-1221.461 χ^2/NDF : 0.0/1

Left: 279.529+/-852.777 χ^2/NDF : 4.9/3

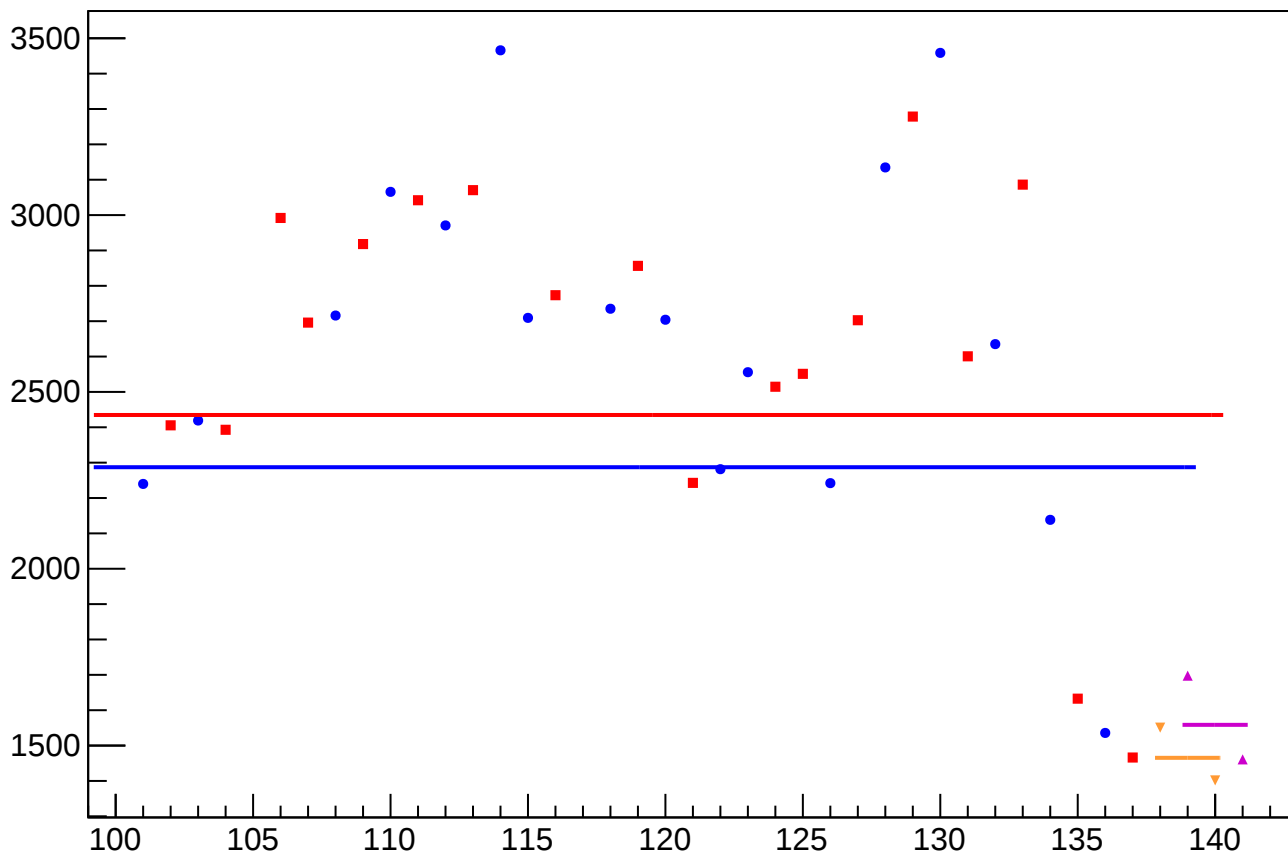
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1015.624+/-730.943 χ^2/NDF : 19.3/18

Out: 279.851+/-737.828 χ^2/NDF : 19.2/19

All: 651.186+/-519.272 χ^2/NDF : 39.0/38

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1465.357 $\pm$ 0.842 χ^2 /NDF: 7681.3/1

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1558.617 $\pm$ 0.864 χ^2 /NDF: 18196.7/1

Left: 1510.815 $\pm$ 0.603 χ^2 /NDF: 31854.1/3

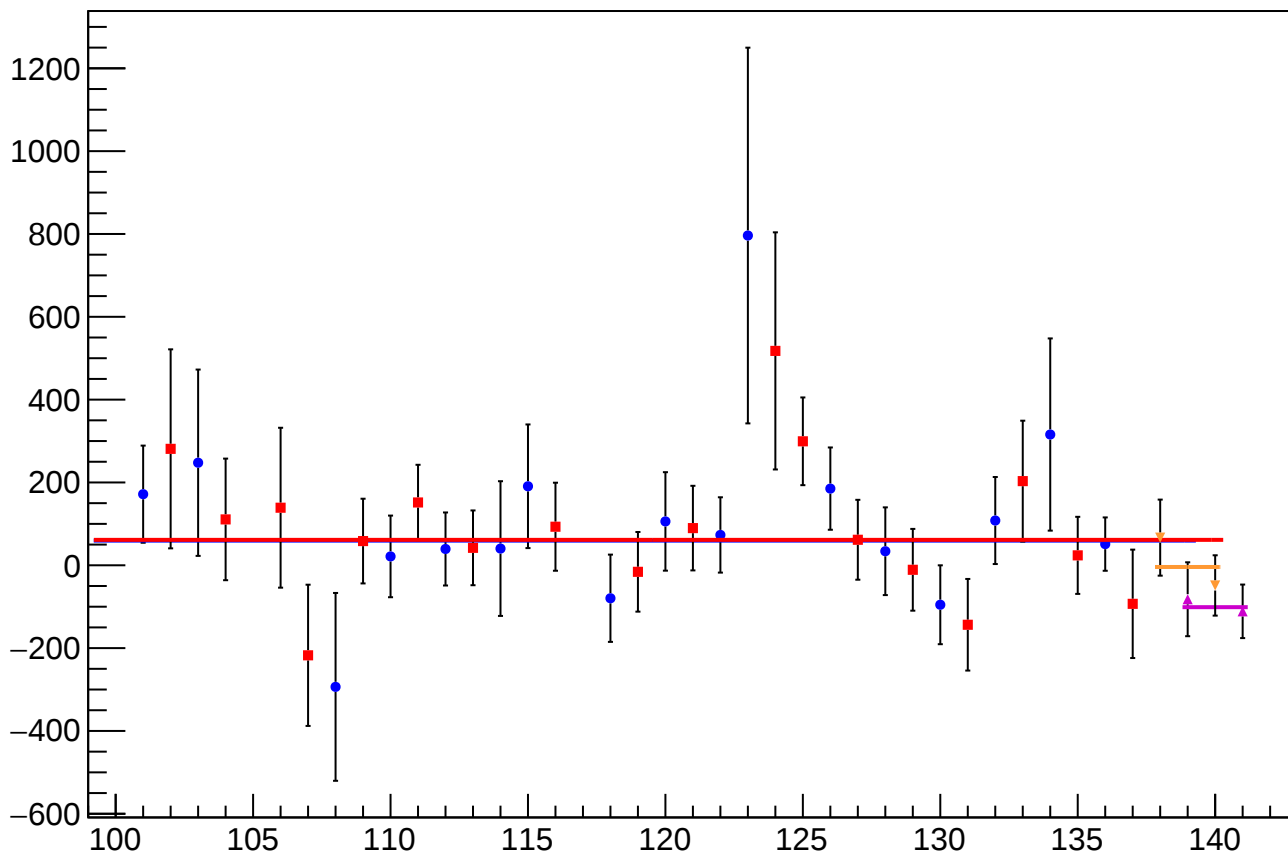
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 2026.229 $\pm$ 0.517 χ^2 /NDF: 1274238.3/18

Out: 2062.814 $\pm$ 0.522 χ^2 /NDF: 1491082.5/19

All: 2044.350 $\pm$ 0.367 χ^2 /NDF: 2767802.5/38

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: -4.085 $\pm$ 57.070 χ^2 /NDF:1.0/1

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -101.132 $\pm$ 52.348 χ^2 /NDF:0.1/1

Left: -56.789 $\pm$ 38.577 χ^2 /NDF: 2.6/3

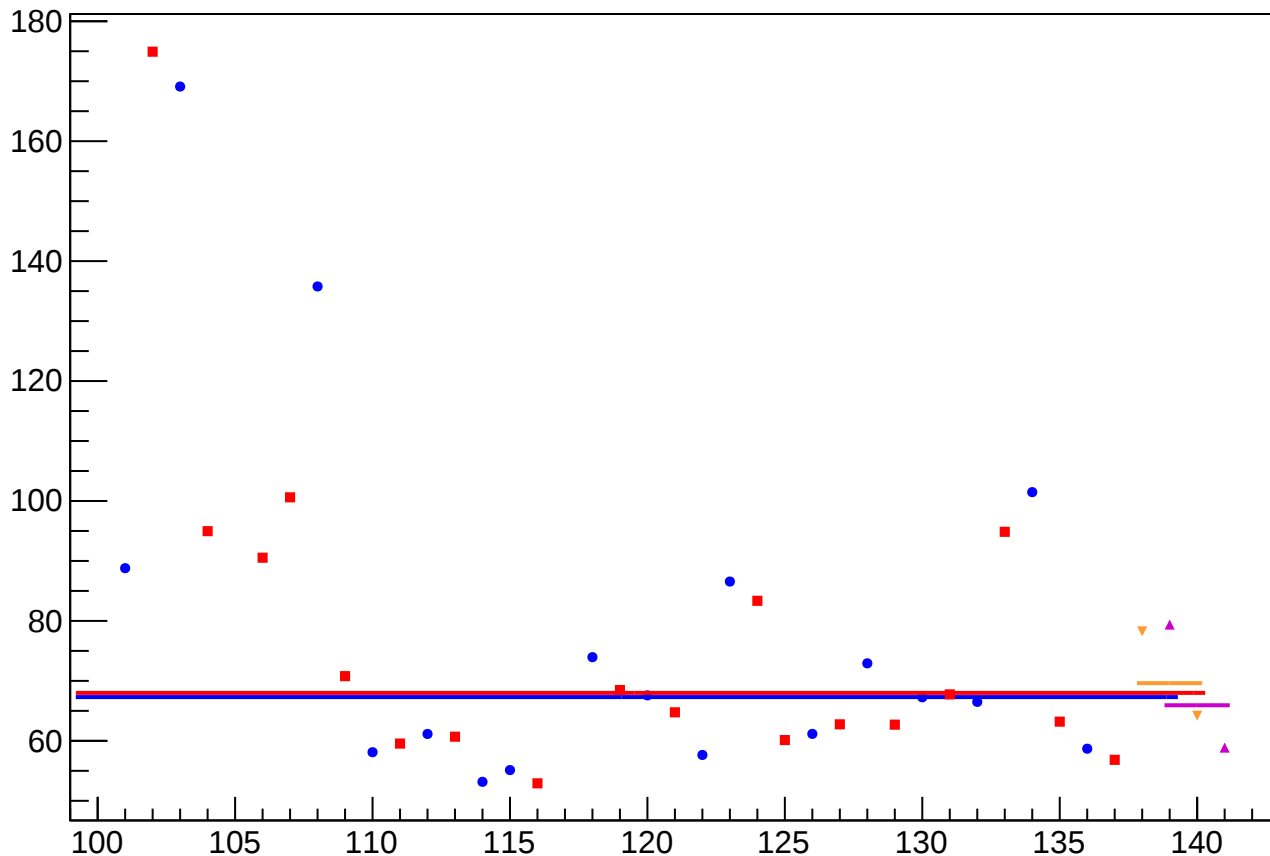
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 25.713 $\pm$ 24.052 χ^2 /NDF:22.8/18

Out: 49.415 $\pm$ 24.414 χ^2 /NDF:21.7/19

All: 37.387 $\pm$ 17.134 χ^2 /NDF: 45.1/38

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: 69.623 $\pm$ 0.040 χ^2 /NDF: 28761.3/1

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 65.935 $\pm$ 0.037 χ^2 /NDF: 69332.1/1

Left: 67.620 $\pm$ 0.027 χ^2 /NDF: 102628.7/3

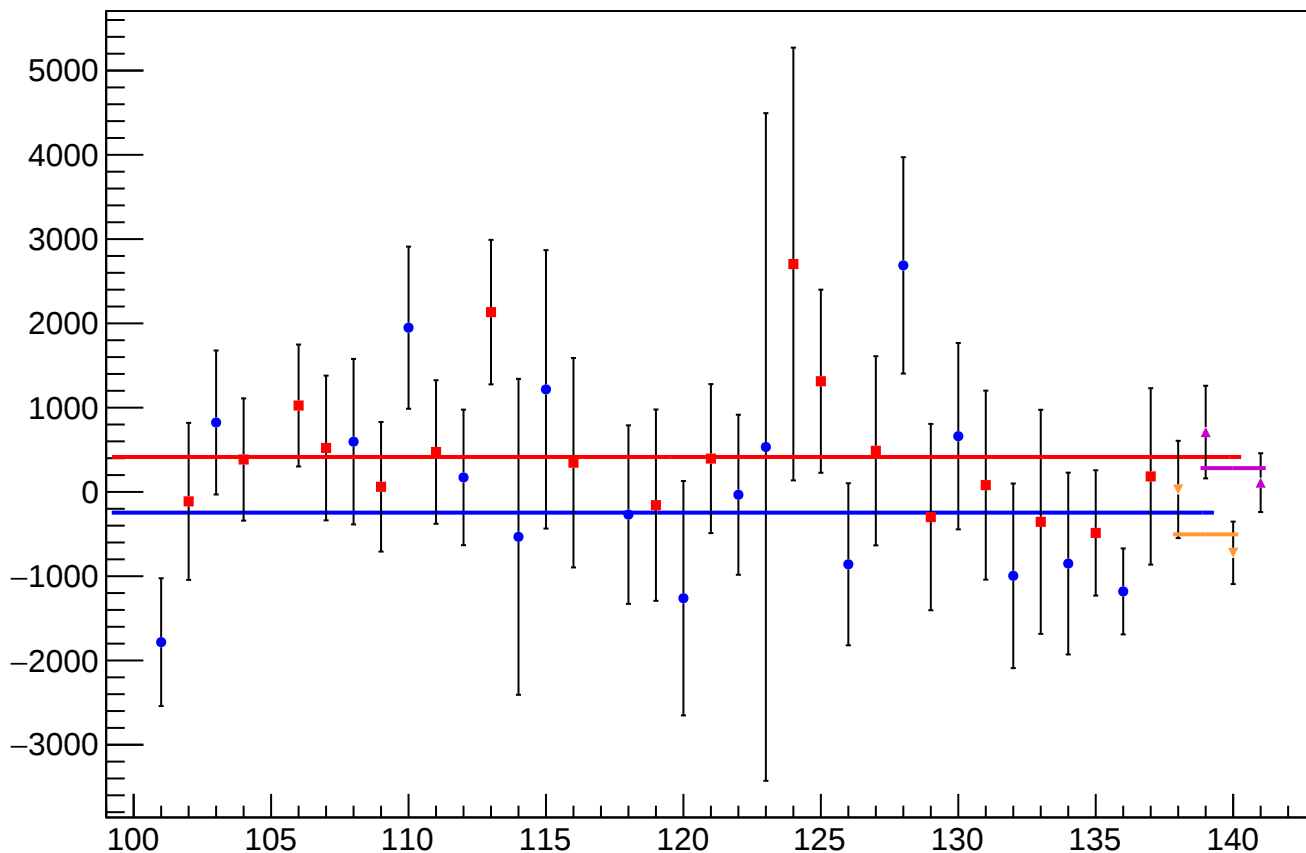
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 67.009 $\pm$ 0.017 χ^2 /NDF: 911752.1/18

Out: 68.296 $\pm$ 0.017 χ^2 /NDF: 784415.3/19

All: 67.643 $\pm$ 0.012 χ^2 /NDF: 1698983.8/38

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -503.335+/-311.893 χ^2/NDF : 1.2/1

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 282.391+/-294.423 χ^2/NDF : 0.9/1

Left: -87.852+/-214.098 χ^2/NDF : 5.4/3

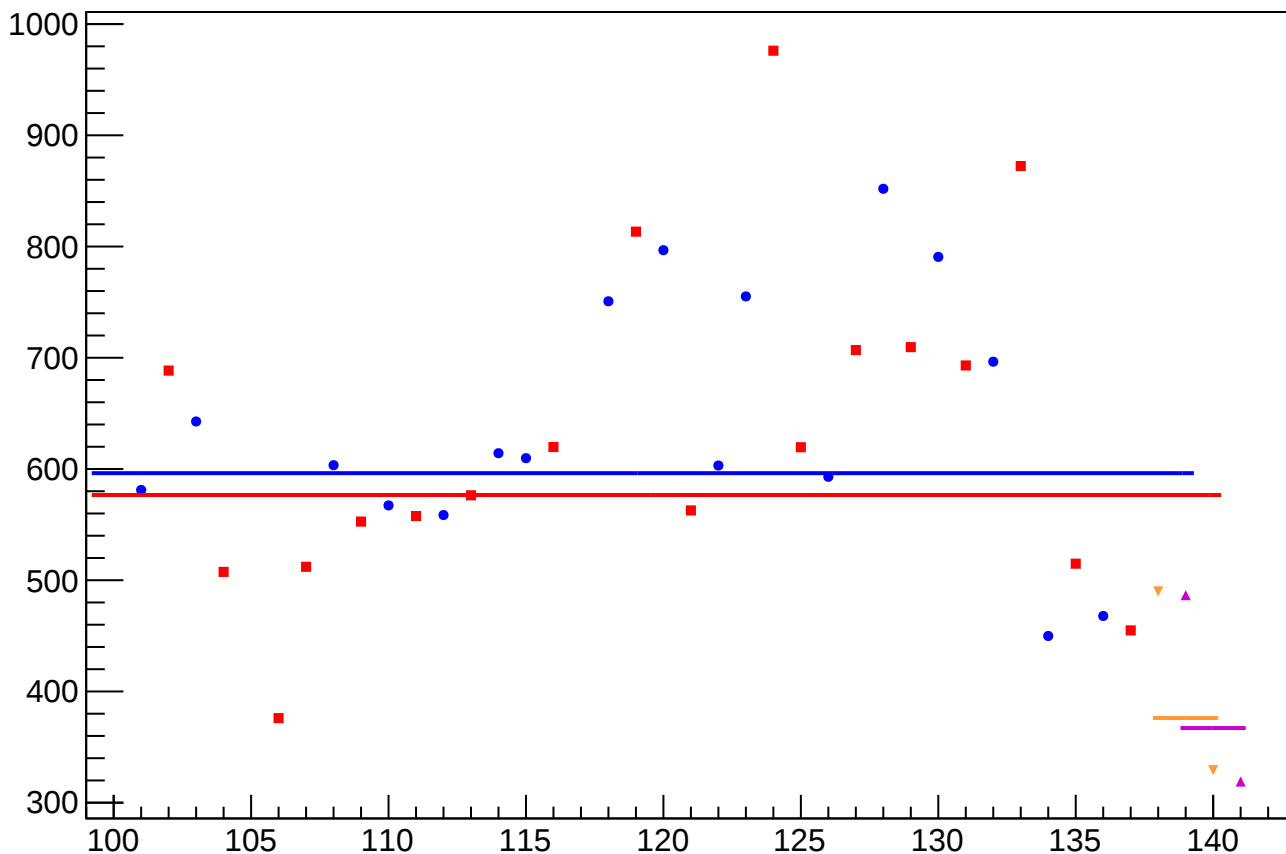
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: -39.717+/-183.861 χ^2/NDF : 26.6/18

Out: 104.556+/-181.288 χ^2/NDF : 16.3/19

All: 33.436+/-129.090 χ^2/NDF : 43.2/38

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 376.124+/-0.221 χ^2/NDF : 109802.7/1

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 367.101+/-0.208 χ^2/NDF : 132515.7/1

Left: 371.353+/-0.151 χ^2/NDF : 243203.3/3

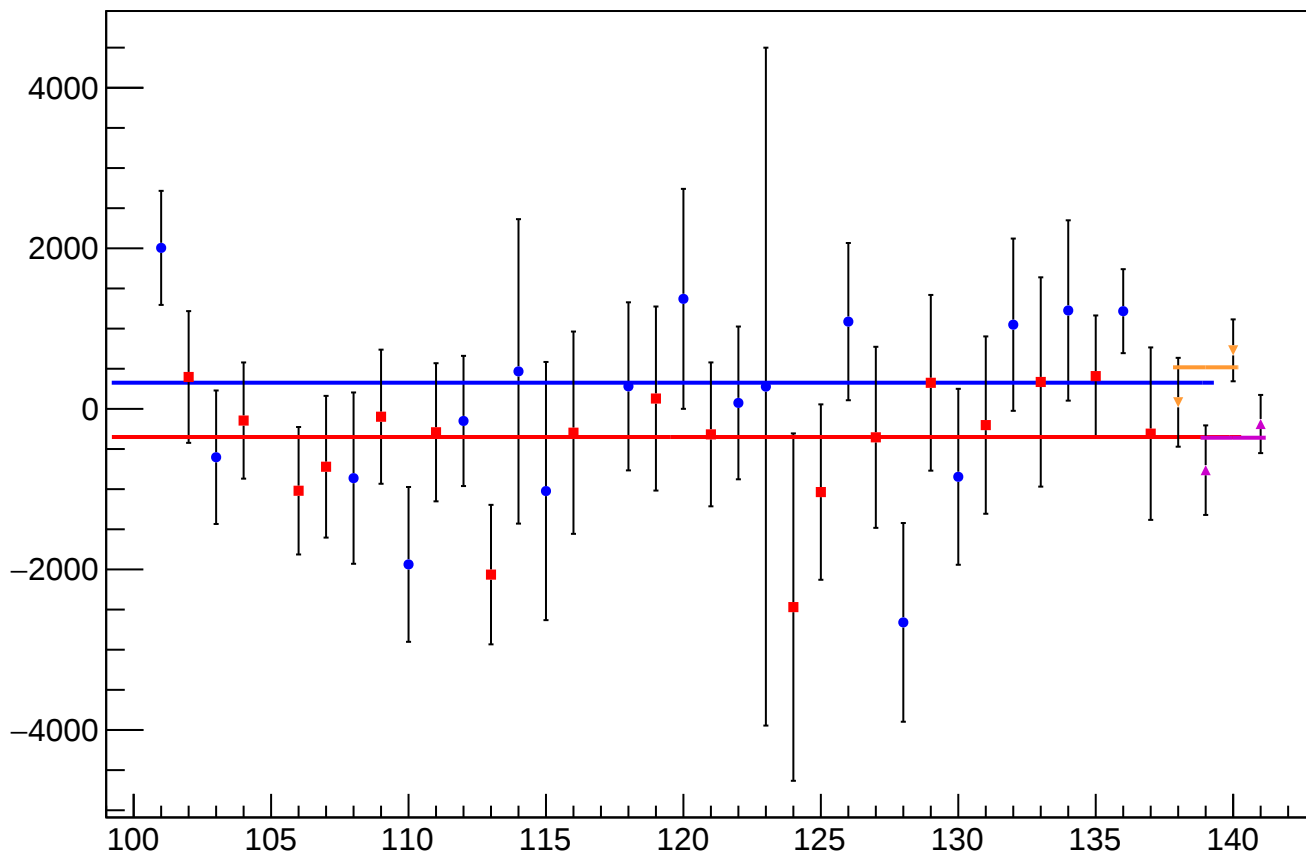
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 506.886+/-0.130 χ^2/NDF : 1293684.7/18

Out: 508.878+/-0.128 χ^2/NDF : 1230681.0/19

All: 507.896+/-0.091 χ^2/NDF : 2524484.7/38

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 517.905+/-316.391 χ^2/NDF :0.9/1

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -359.246+/-303.878 χ^2/NDF :0.7/1

Left: 61.641+/-219.164 χ^2/NDF : 5.7/3

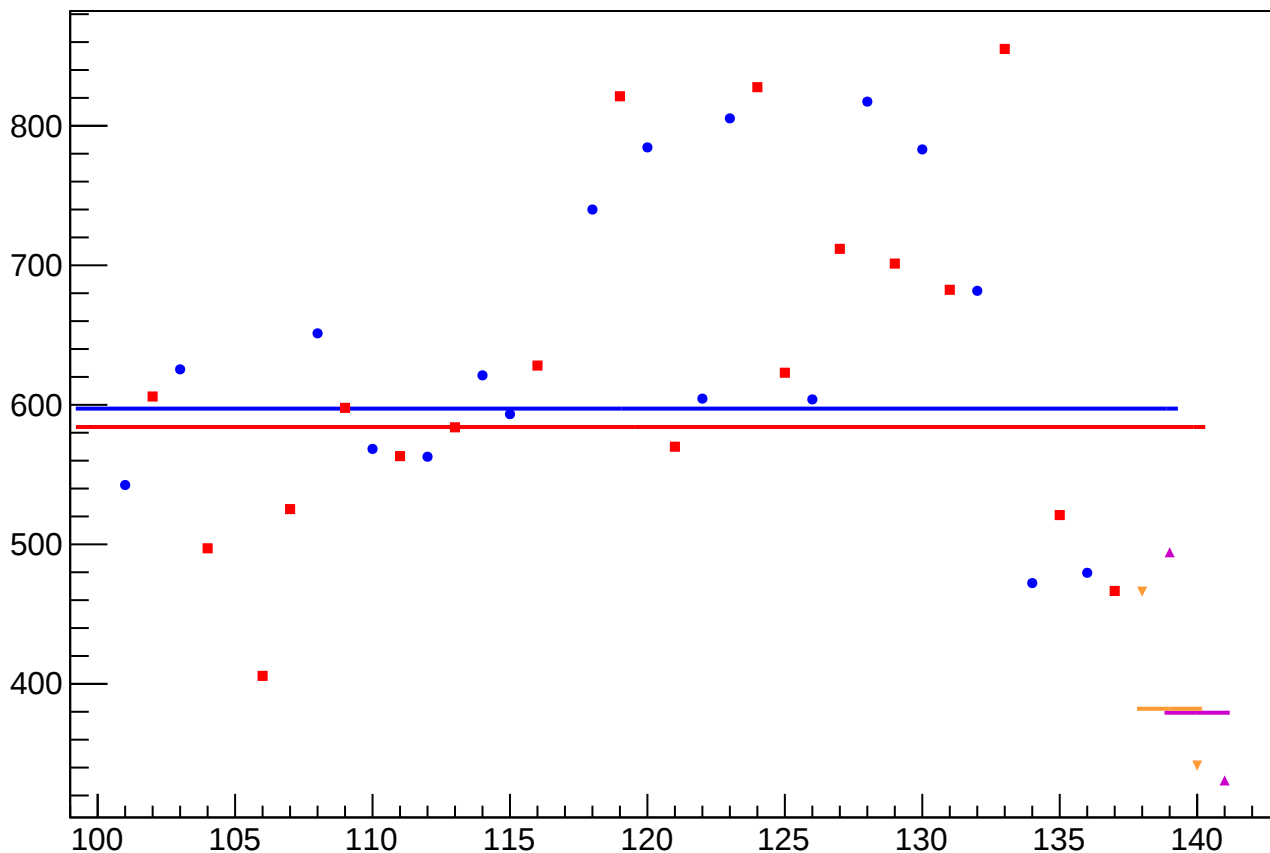
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: 68.785+/-186.193 χ^2/NDF :30.8/18

Out: -58.320+/-183.500 χ^2/NDF :14.9/19

All: 4.306+/-130.696 χ^2/NDF : 45.9/38

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 382.177 $\pm$ 0.224 χ^2 /NDF: 68316.4/1

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 379.331 $\pm$ 0.215 χ^2 /NDF: 120931.7/1

Left: 380.697 $\pm$ 0.155 χ^2 /NDF: 189332.2/3

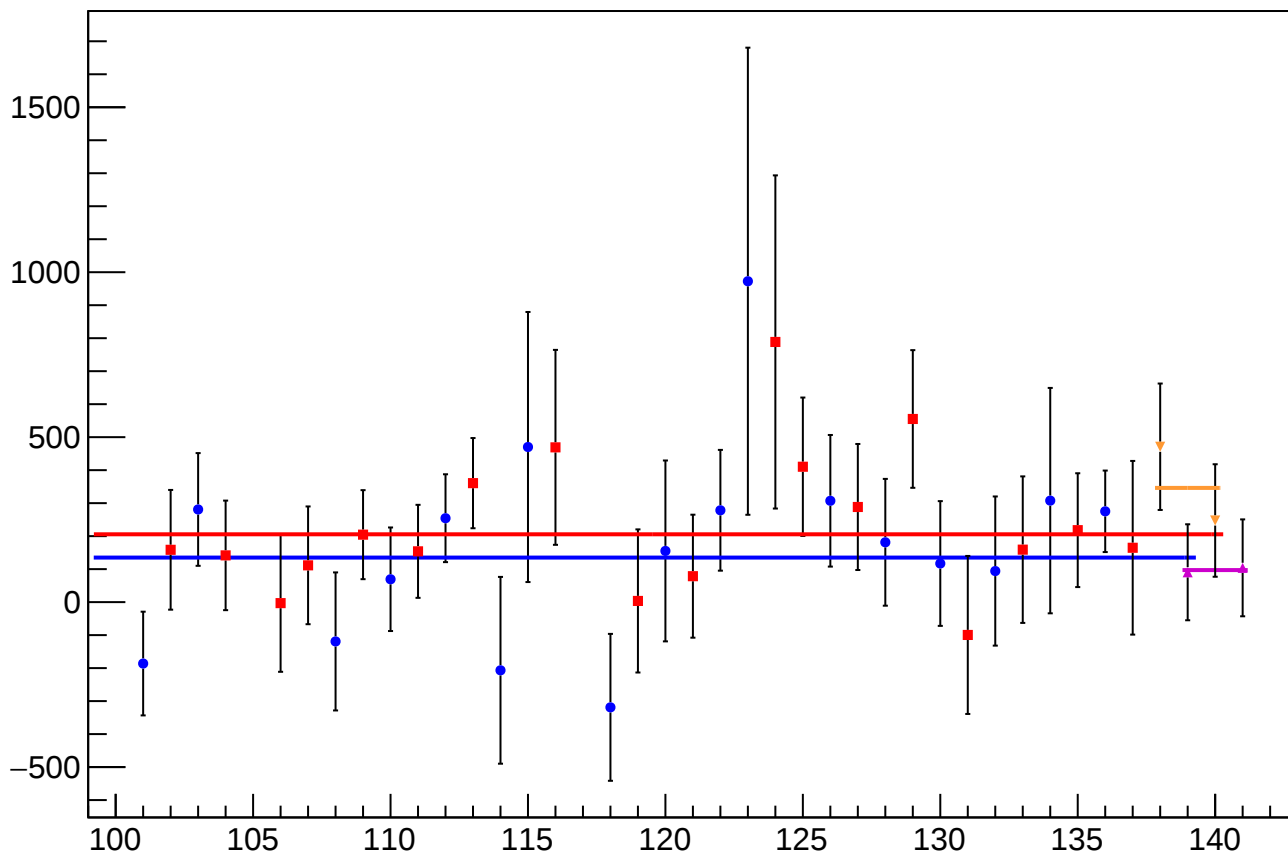
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 515.466 $\pm$ 0.132 χ^2 /NDF: 1127270.6/18

Out: 516.187 $\pm$ 0.130 χ^2 /NDF: 1055864.5/19

All: 515.832 $\pm$ 0.092 χ^2 /NDF: 2183150.3/38

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: 346.199 $\pm$ 127.373 χ^2 /NDF:0.8/1

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 97.124 $\pm$ 103.355 χ^2 /NDF:0.0/1

Left: 196.012 $\pm$ 80.257 χ^2 /NDF: 3.1/3

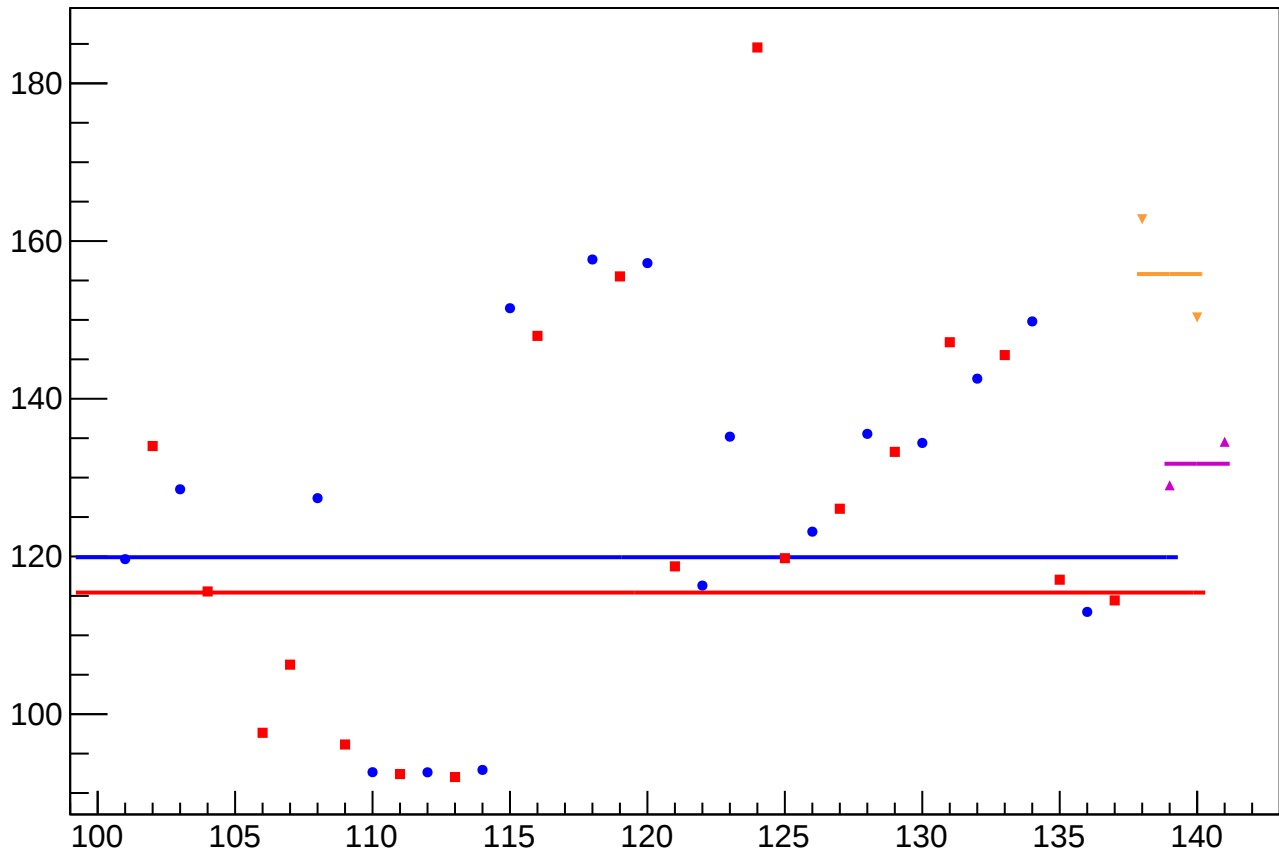
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 128.528 $\pm$ 42.803 χ^2 /NDF:18.2/18

Out: 220.907 $\pm$ 42.040 χ^2 /NDF:13.9/19

All: 175.548 $\pm$ 29.993 χ^2 /NDF: 34.4/38

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 155.815+/-0.090 χ^2/NDF : 4718.0/1

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 131.759+/-0.073 χ^2/NDF : 1425.8/1

Left: 141.310+/-0.057 χ^2/NDF : 49159.6/3

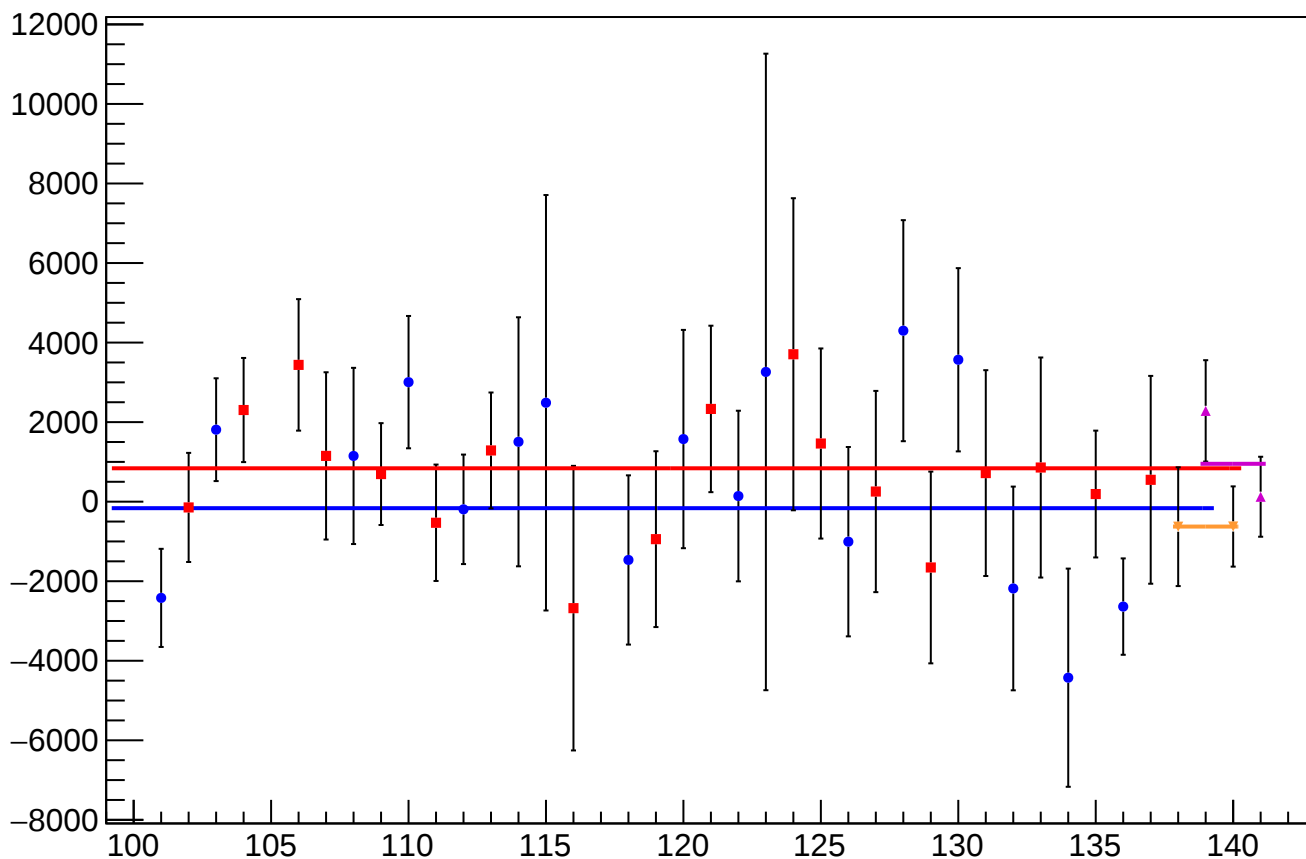
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 121.937+/-0.030 χ^2/NDF : 368739.5/18

Out: 119.822+/-0.030 χ^2/NDF : 602044.0/19

All: 120.861+/-0.021 χ^2/NDF : 973267.5/38

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -625.921+/-835.910 χ^2/NDF : 0.0/1

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 952.049+/-789.354 χ^2/NDF : 1.8/1

Left: 208.228+/-573.911 χ^2/NDF : 3.7/3

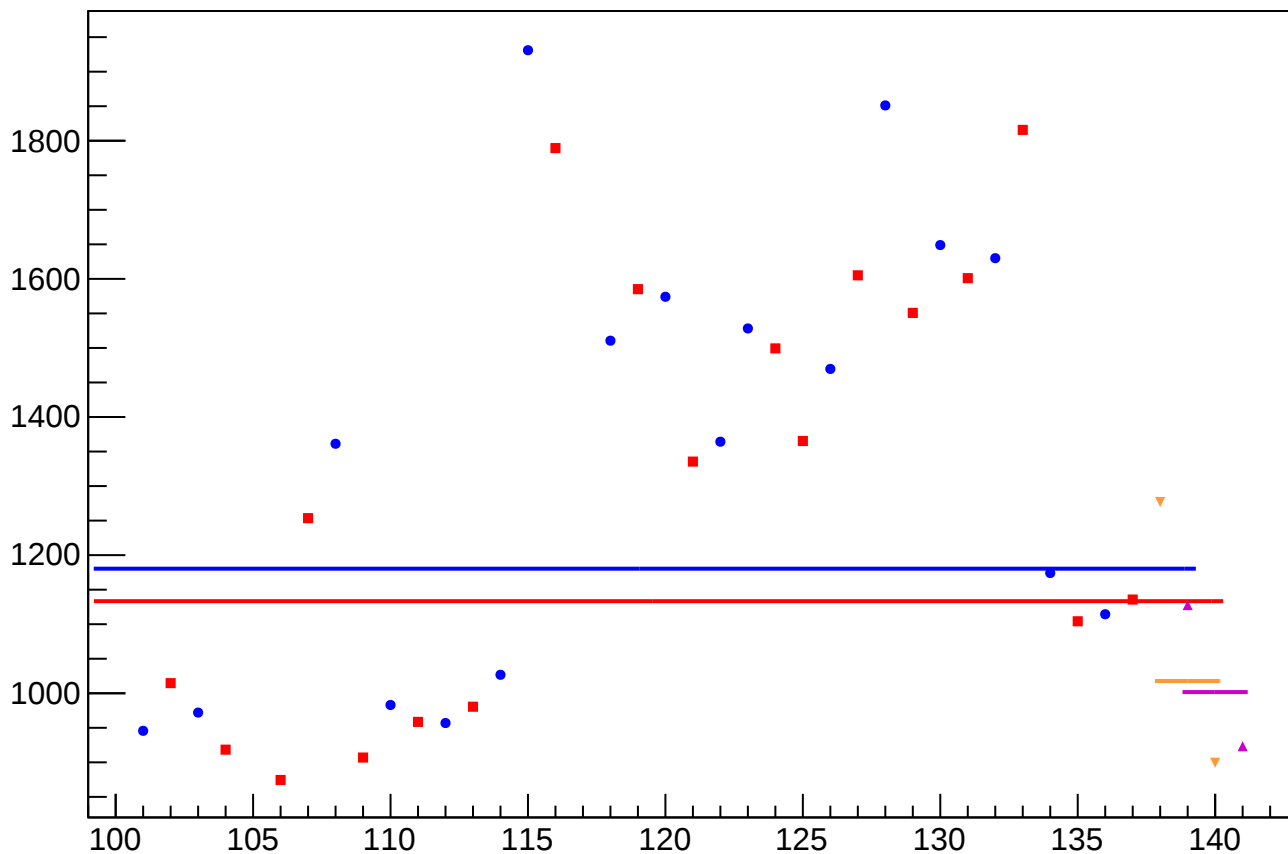
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 128.077+/-403.576 χ^2/NDF : 27.0/18

Out: 520.784+/-389.684 χ^2/NDF : 11.7/19

All: 331.305+/-280.331 χ^2/NDF : 39.1/38

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 1017.743+/-0.591 χ^2/NDF : 87763.4/1

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 1001.738+/-0.558 χ^2/NDF : 31709.4/1

Left: 1009.283+/-0.406 χ^2/NDF : 119860.3/3

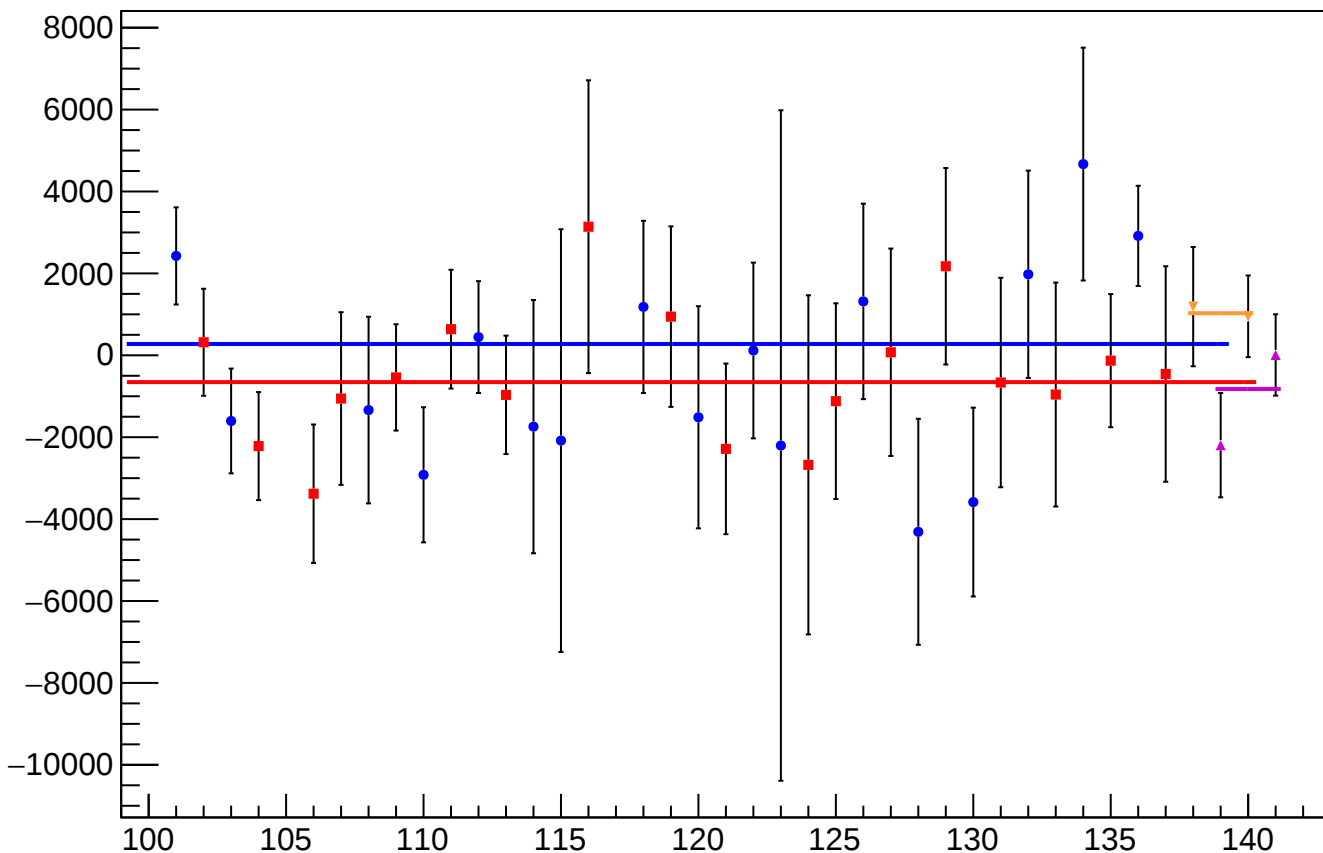
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1133.700+/-0.285 χ^2/NDF : 776233.5/18

Out: 1108.223+/-0.276 χ^2/NDF : 878098.1/19

All: 1120.516+/-0.198 χ^2/NDF : 1658456.1/38

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1028.026 $\pm$ 822.829 χ^2 /NDF:0.0/1

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -824.121 $\pm$ 783.204 χ^2 /NDF:1.9/1

Left: 56.284 $\pm$ 567.300 χ^2 /NDF: 4.5/3

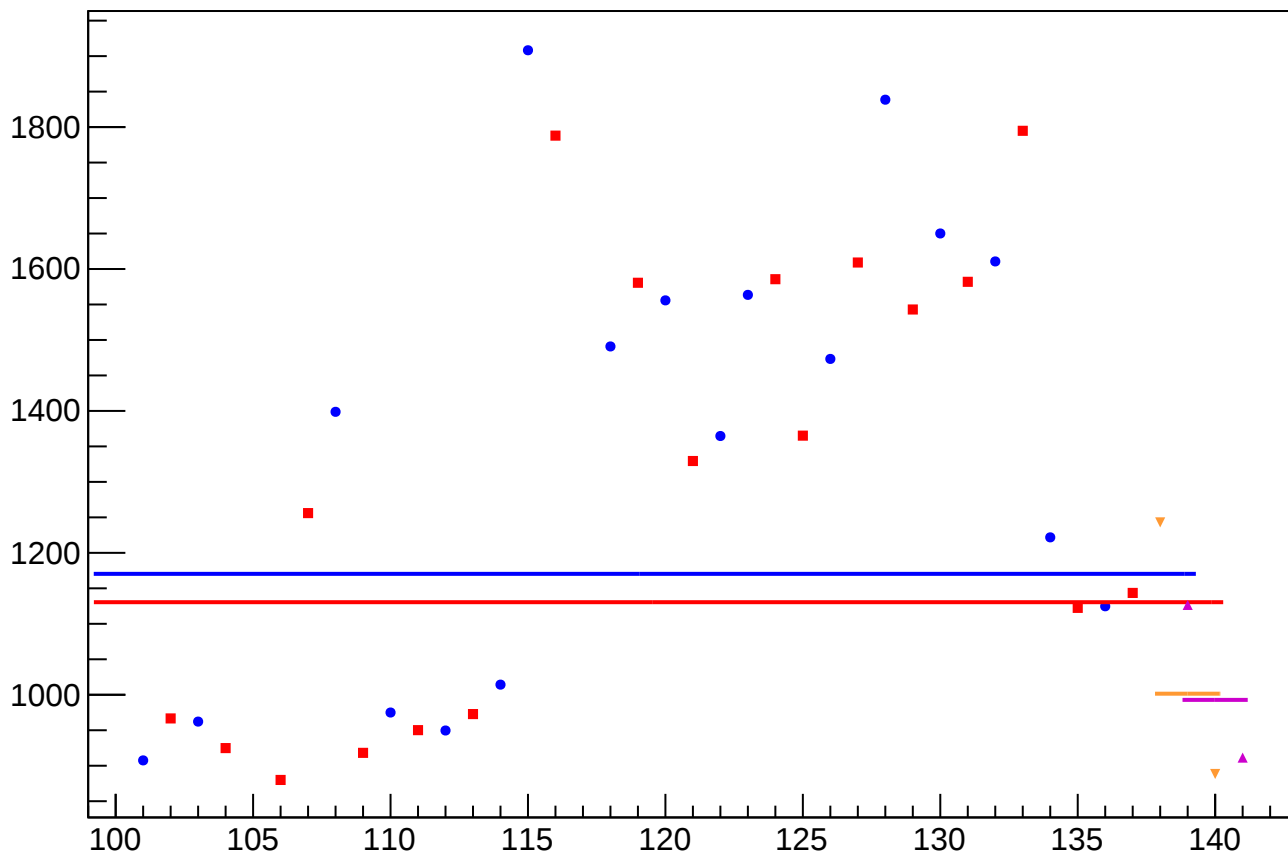
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -11.709 $\pm$ 400.743 χ^2 /NDF:27.6/18

Out: -280.528 $\pm$ 387.887 χ^2 /NDF:12.8/19

All: -150.499 $\pm$ 278.712 χ^2 /NDF: 40.7/38

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 1001.517 $\pm$ 0.582 χ^2 /NDF:80683.4/1

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 992.790 $\pm$ 0.554 χ^2 /NDF:35496.0/1

Left: 996.938 $\pm$ 0.401 χ^2 /NDF: 116297.4/3

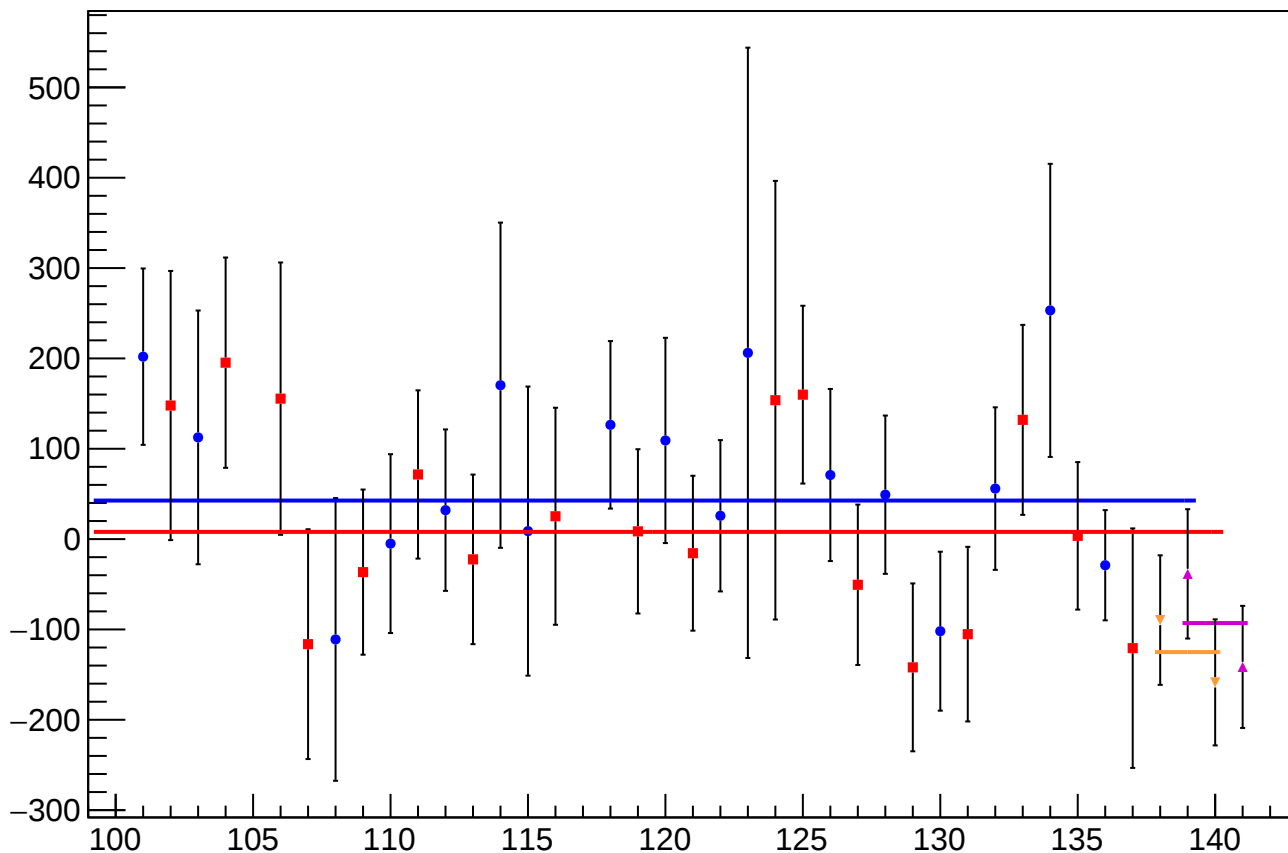
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1123.904 $\pm$ 0.283 χ^2 /NDF:816911.2/18

Out: 1101.803 $\pm$ 0.274 χ^2 /NDF:881908.5/19

All: 1112.493 $\pm$ 0.197 χ^2 /NDF: 1701960.2/38

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -125.069 $\pm$ 50.005 χ^2 /NDF:0.5/1

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -92.936 $\pm$ 49.145 χ^2 /NDF:1.1/1

Left: -108.724 $\pm$ 35.051 χ^2 /NDF: 1.8/3

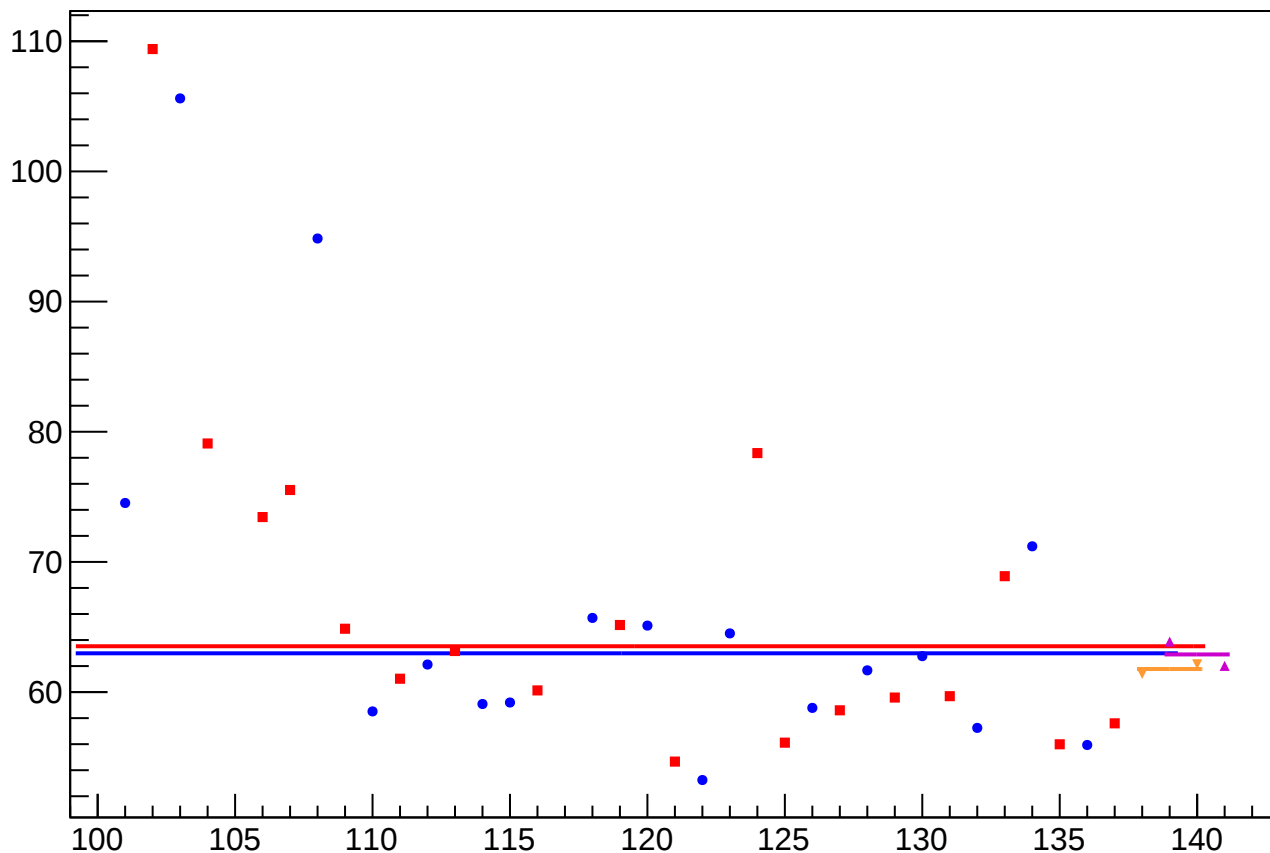
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: 15.325 $\pm$ 22.070 χ^2 /NDF:19.2/18

Out: -17.751 $\pm$ 21.996 χ^2 /NDF:22.0/19

All: -1.269 $\pm$ 15.579 χ^2 /NDF: 42.2/38

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.774 $\pm$ 0.035 χ^2 /NDF:110.2/1

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 62.893 $\pm$ 0.035 χ^2 /NDF:717.1/1

Left: 62.343 $\pm$ 0.025 χ^2 /NDF: 1336.8/3

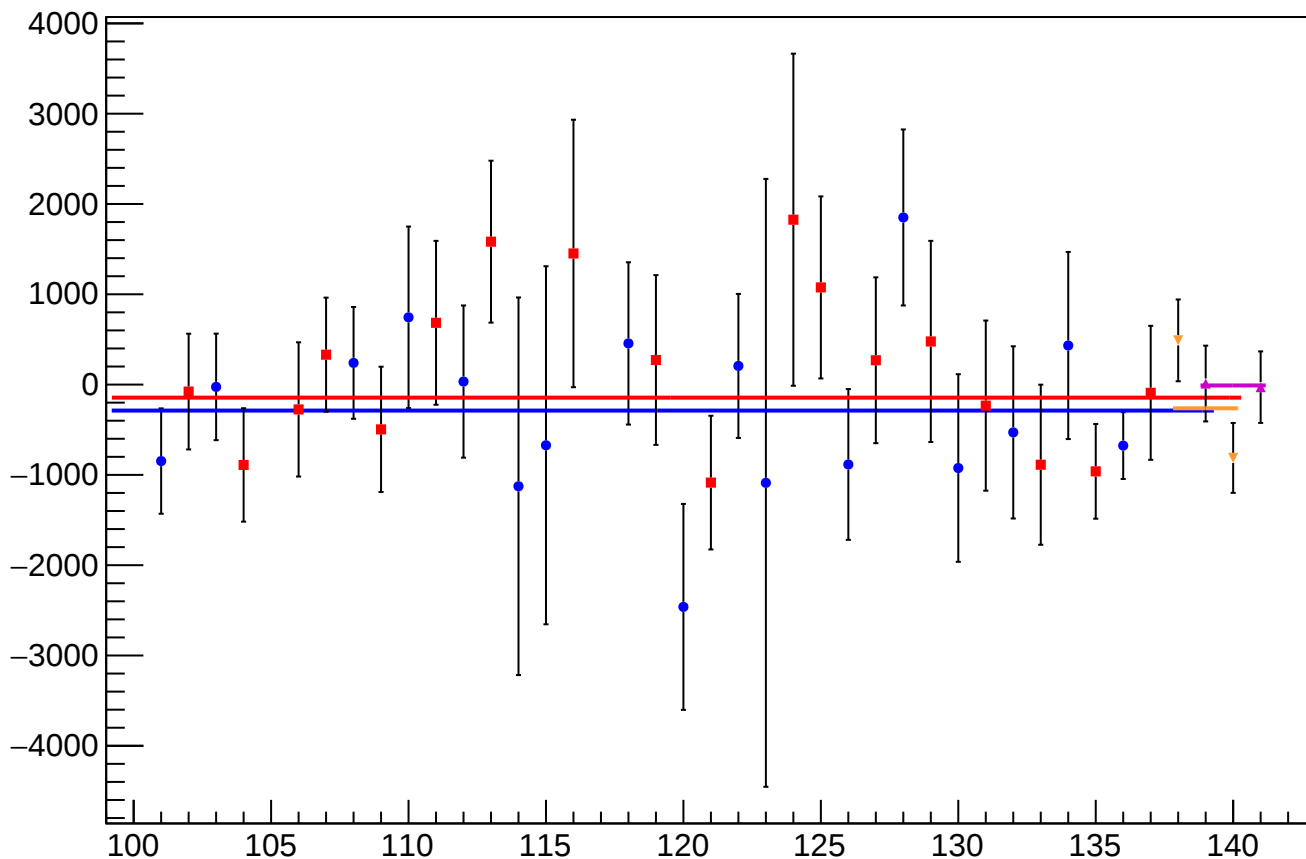
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.963 $\pm$ 0.016 χ^2 /NDF:375985.5/18

Out: 63.184 $\pm$ 0.016 χ^2 /NDF:337512.2/19

All: 63.074 $\pm$ 0.011 χ^2 /NDF: 713598.7/38

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: -262.582 $\pm$ 294.222 χ^2 /NDF: 4.8/1

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -9.541 $\pm$ 287.943 χ^2 /NDF: 0.0/1

Left: -133.332 $\pm$ 205.791 χ^2 /NDF: 5.2/3

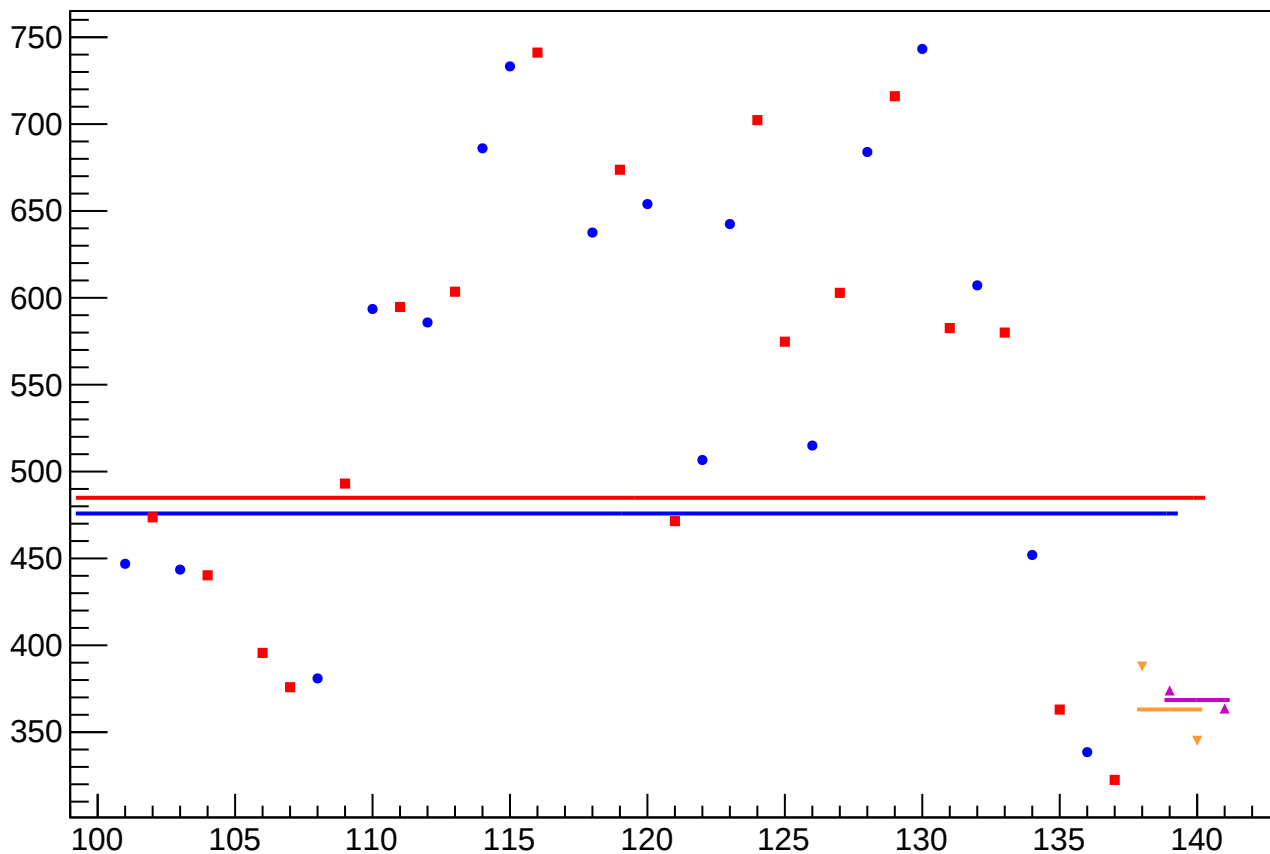
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -203.382 $\pm$ 158.521 χ^2 /NDF: 16.0/18

Out: -178.764 $\pm$ 158.287 χ^2 /NDF: 21.0/19

All: -191.055 $\pm$ 112.009 χ^2 /NDF: 37.0/38

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 363.065 $\pm$ 0.208 χ^2 /NDF:10294.4/1

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 368.522 $\pm$ 0.204 χ^2 /NDF:649.2/1

Left: 365.853 $\pm$ 0.146 χ^2 /NDF: 11295.0/3

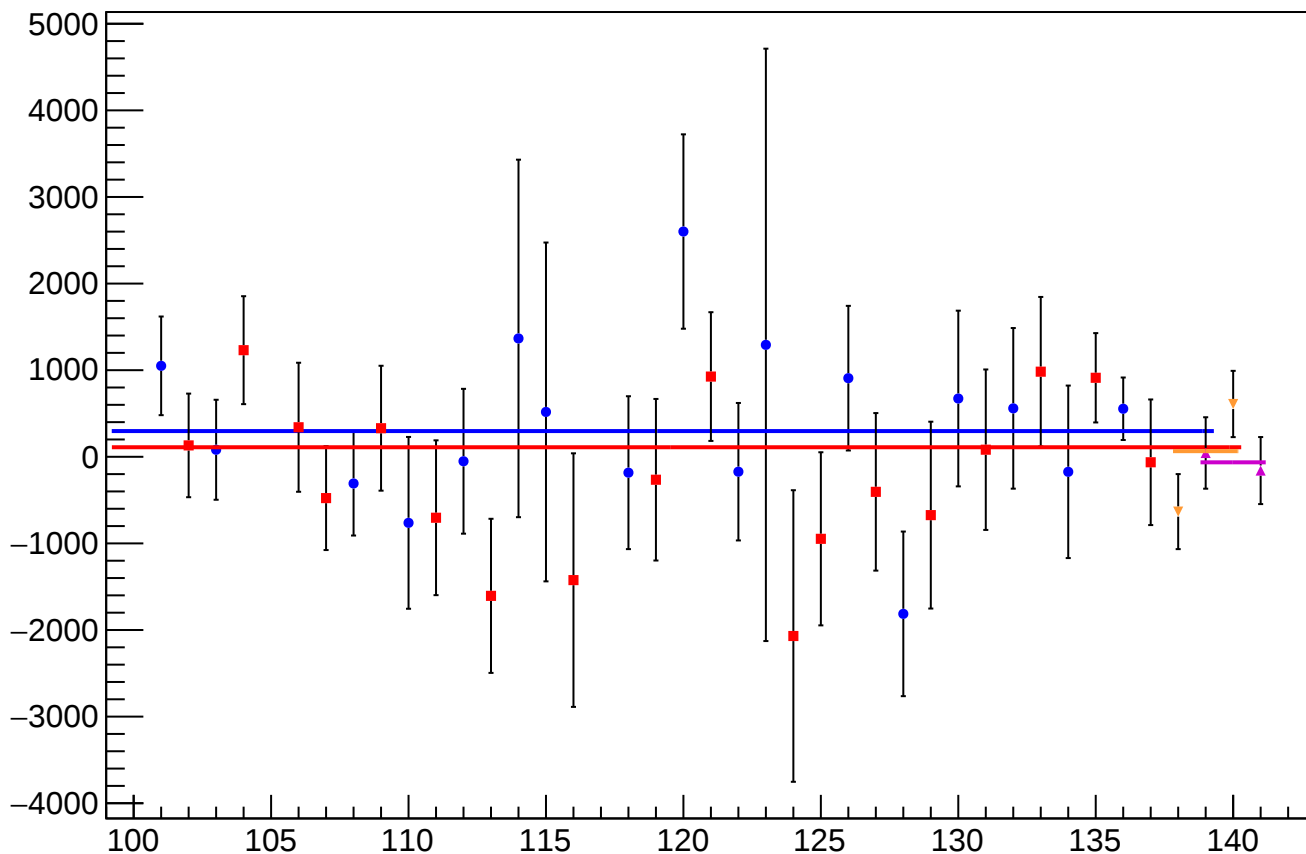
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 443.335 $\pm$ 0.112 χ^2 /NDF:1032185.4/18

Out: 449.647 $\pm$ 0.112 χ^2 /NDF:970350.7/19

All: 446.496 $\pm$ 0.079 χ^2 /NDF: 2004124.0/38

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: 65.005 $\pm$ 286.764 χ^2 /NDF:4.6/1

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -63.929 $\pm$ 282.225 χ^2 /NDF:0.1/1

Left: -0.491 $\pm$ 201.149 χ^2 /NDF: 4.9/3

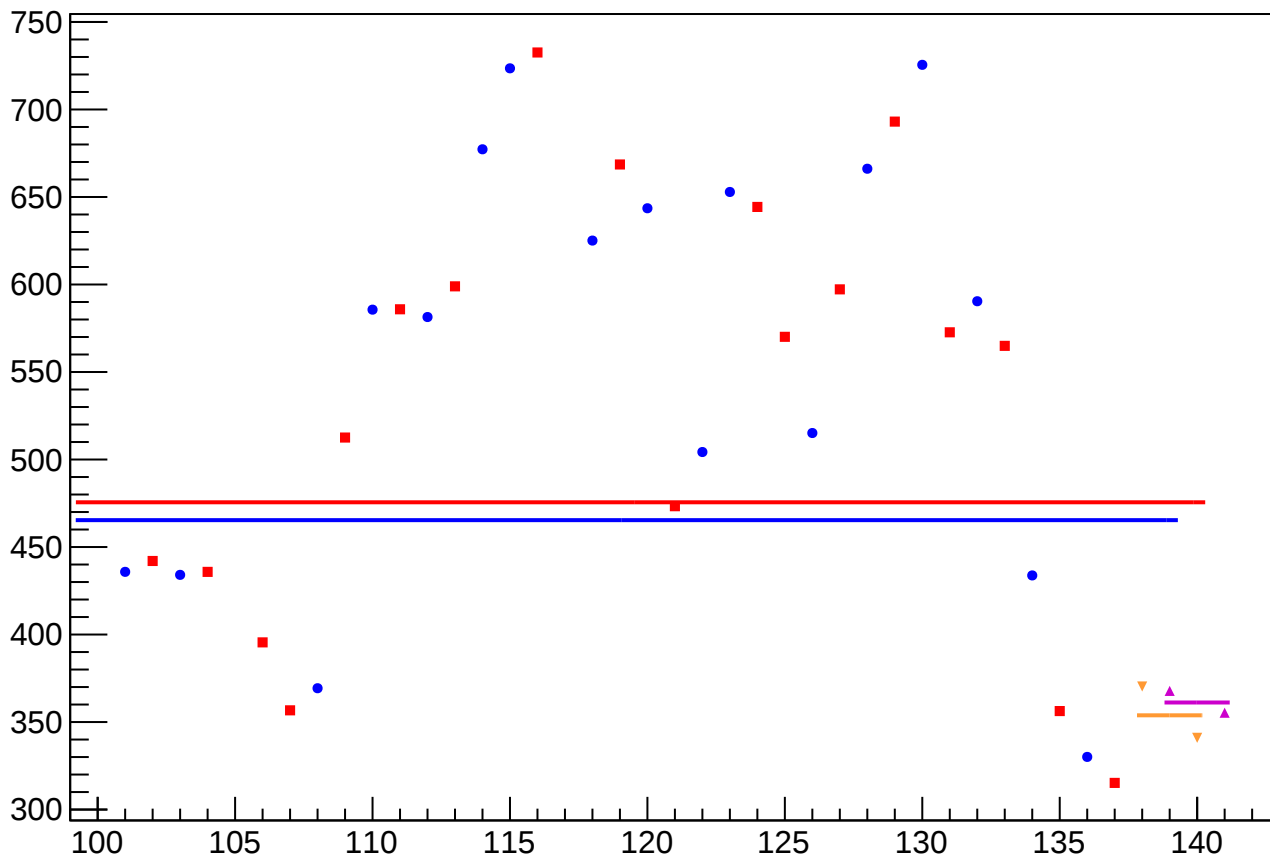
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 187.713 $\pm$ 155.291 χ^2 /NDF:17.1/18

Out: 96.937 $\pm$ 155.101 χ^2 /NDF:23.2/19

All: 142.269 $\pm$ 109.740 χ^2 /NDF: 40.5/38

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 353.845+/-0.203 χ^2/NDF : 5148.4/1

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 361.169+/-0.200 χ^2/NDF : 972.7/1

Left: 357.565+/-0.142 χ^2/NDF : 6783.6/3

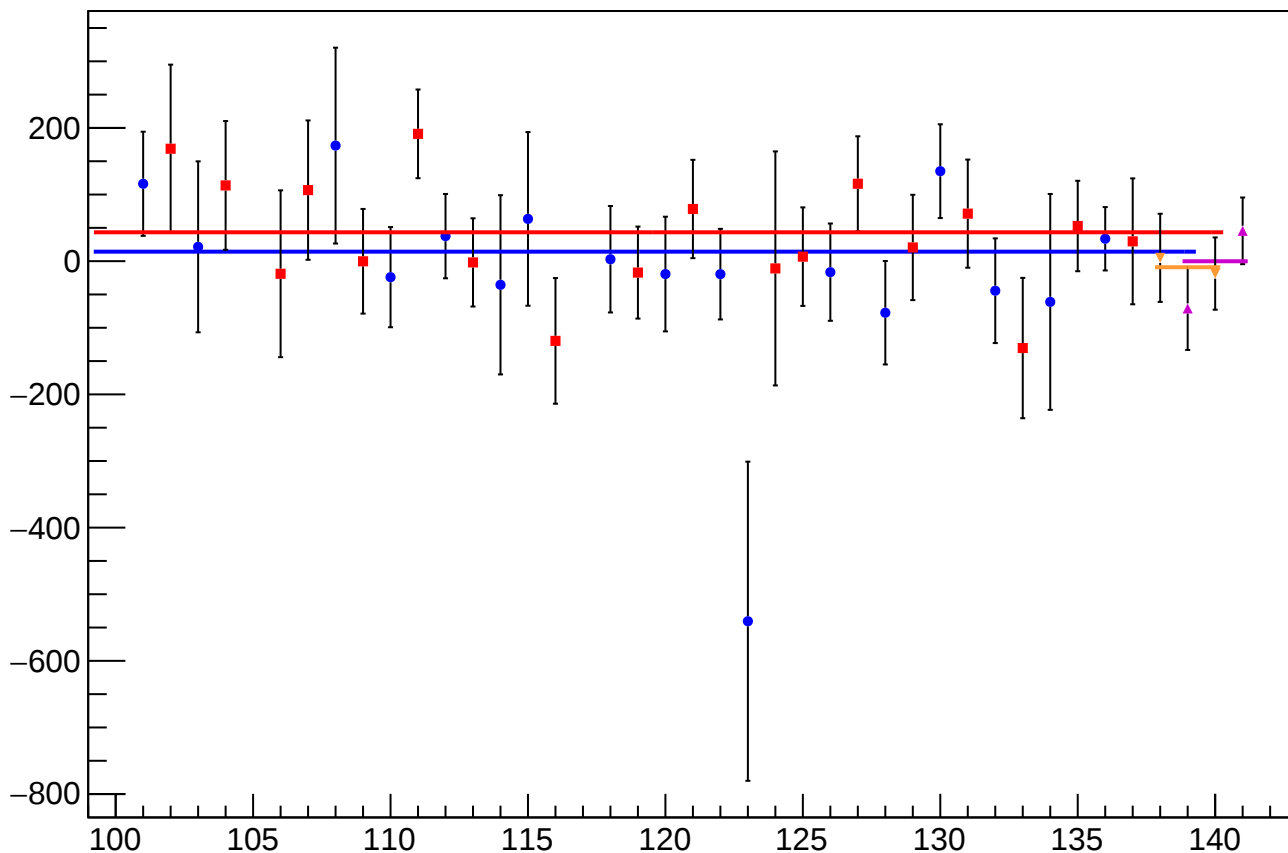
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 433.812+/-0.110 χ^2/NDF : 1051434.6/18

Out: 439.954+/-0.110 χ^2/NDF : 1000894.7/19

All: 436.886+/-0.078 χ^2/NDF : 2053895.5/38

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: -9.126+/-41.949 χ^2/NDF : 0.1/1

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -0.141+/-39.013 χ^2/NDF : 2.1/1

Left: -4.308+/-28.568 χ^2/NDF : 2.2/3

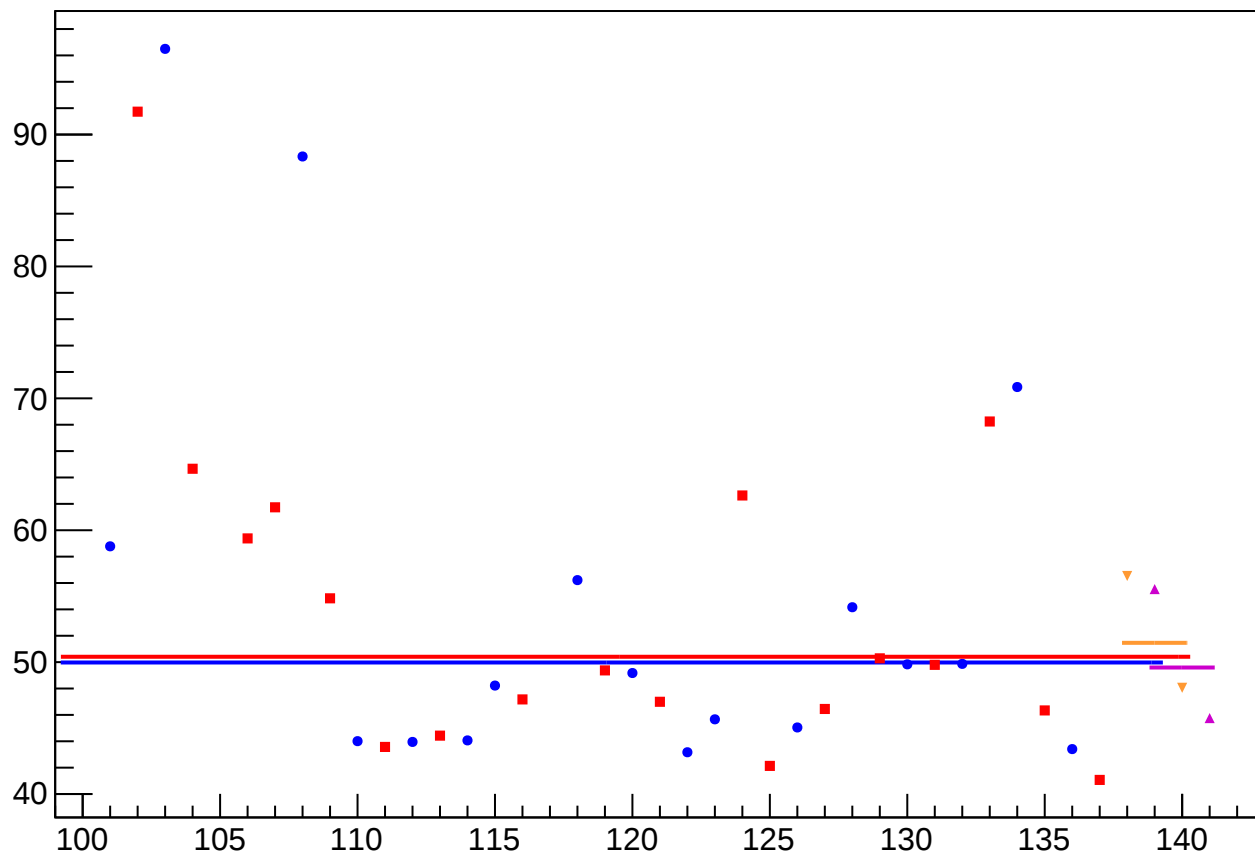
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: 11.289+/-17.703 χ^2/NDF : 17.0/18

Out: 33.896+/-17.794 χ^2/NDF : 17.5/19

All: 22.535+/-12.550 χ^2/NDF : 35.4/38

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 51.464 $\pm$ 0.030 χ^2 /NDF: 19631.1/1

Right Out: 50.408 $\pm$ 0.014 χ^2 /NDF: 467481.4/17

Left In: 49.592 $\pm$ 0.028 χ^2 /NDF: 29956.4/1

Left: 50.460 $\pm$ 0.020 χ^2 /NDF: 51723.3/3

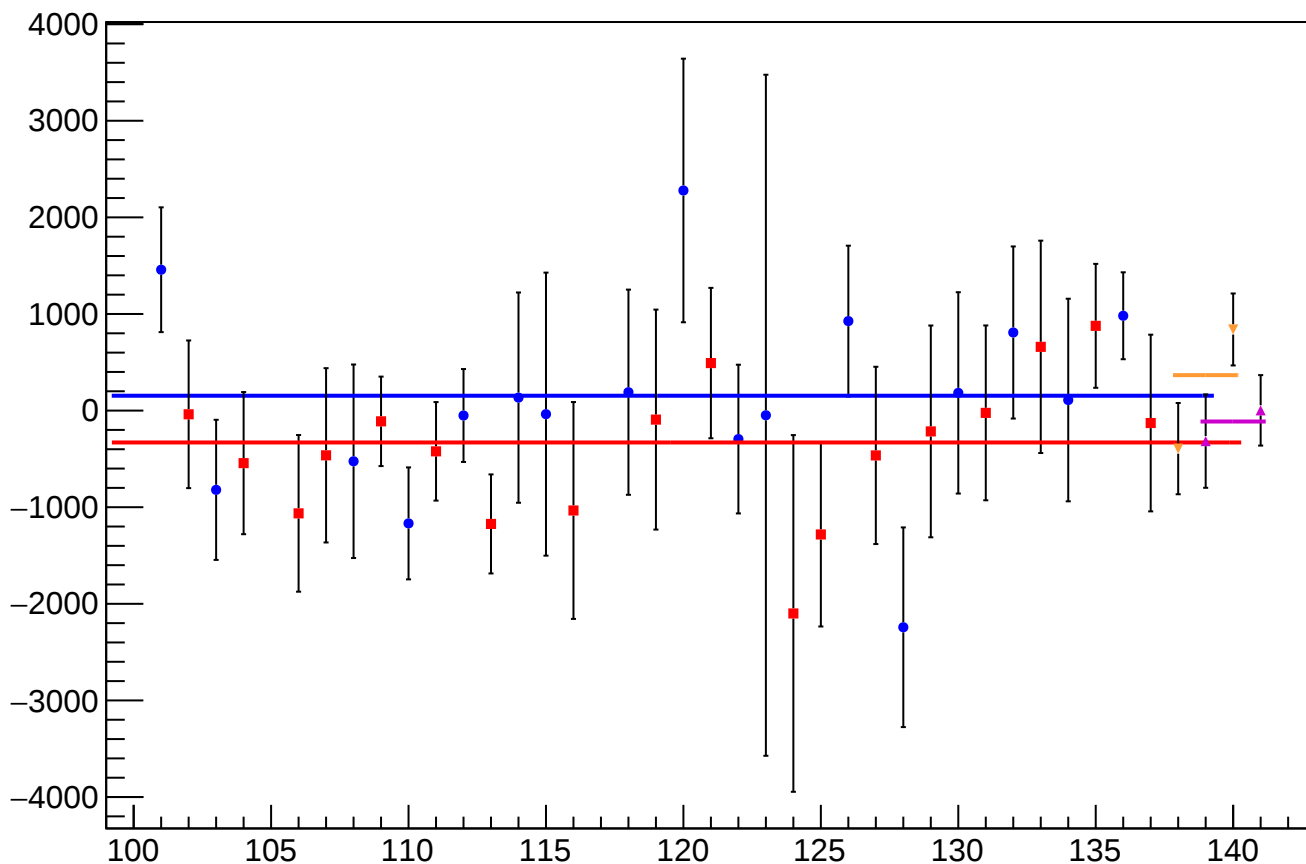
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 49.895 $\pm$ 0.013 χ^2 /NDF: 608858.7/18

Out: 50.598 $\pm$ 0.013 χ^2 /NDF: 488151.9/19

All: 50.244 $\pm$ 0.009 χ^2 /NDF: 1098580.9/38

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: 366.875 $\pm$ 292.462 χ^2 /NDF:4.2/1

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -113.007 $\pm$ 291.122 χ^2 /NDF:0.3/1

Left: 125.832 $\pm$ 206.326 χ^2 /NDF: 5.8/3

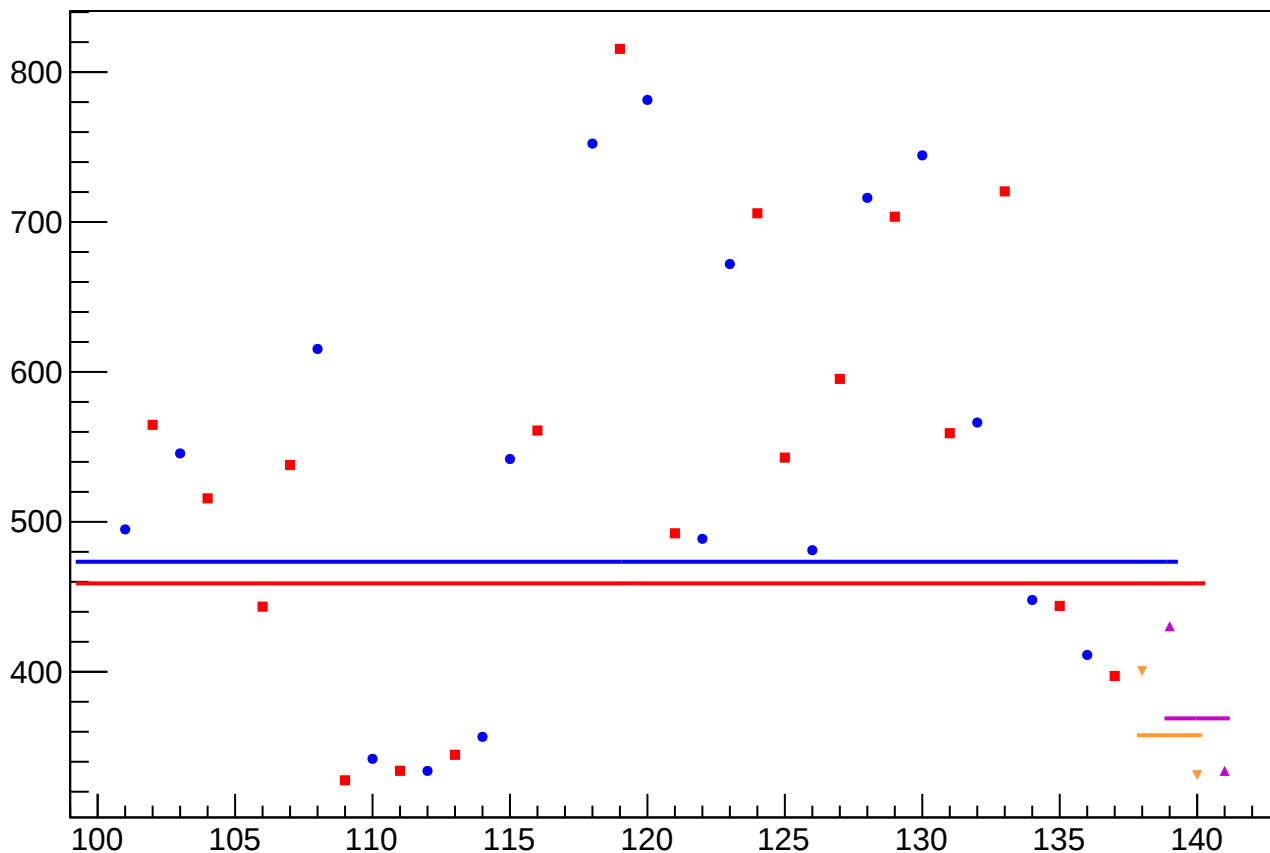
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 74.153 $\pm$ 159.090 χ^2 /NDF:25.7/18

Out: -138.830 $\pm$ 153.166 χ^2 /NDF:20.4/19

All: -36.378 $\pm$ 110.340 χ^2 /NDF: 47.0/38

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: 357.636+/-0.207 χ^2/NDF : 26596.3/1

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 368.917+/-0.206 χ^2/NDF : 50789.6/1

Left: 363.302+/-0.146 χ^2/NDF : 78880.7/3

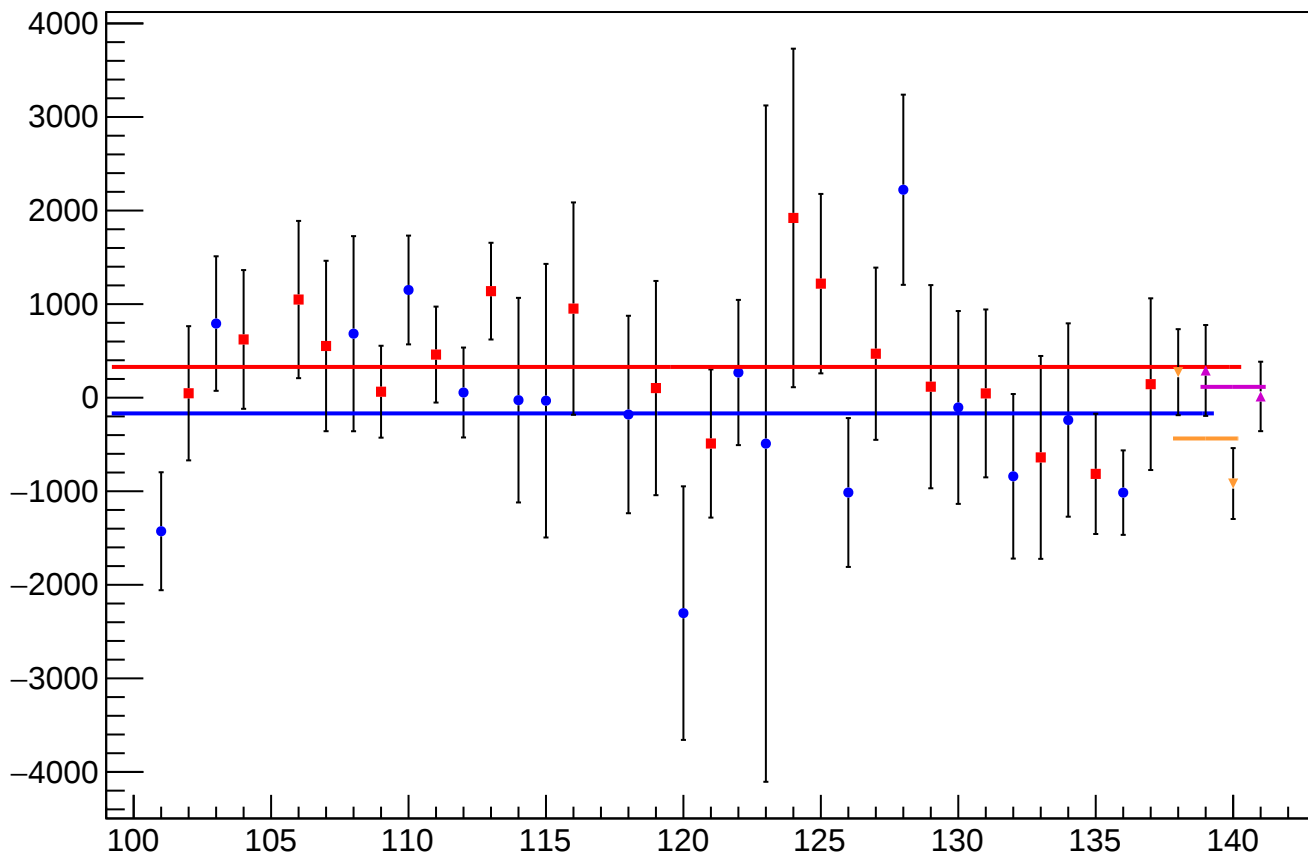
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 442.203+/-0.112 χ^2/NDF : 1146423.0/18

Out: 431.190+/-0.108 χ^2/NDF : 1207166.9/19

All: 436.487+/-0.078 χ^2/NDF : 2358563.6/38

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 χ^2/NDF : 25.4/16

Left Out: -436.166 ± 292.398 χ^2/NDF : 4.0/1

Right Out: 328.598 ± 181.559 χ^2/NDF : 11.1/17

Left In: 115.598 ± 294.894 χ^2/NDF : 0.2/1

Left: -162.629 ± 207.633 χ^2/NDF : 6.0/3

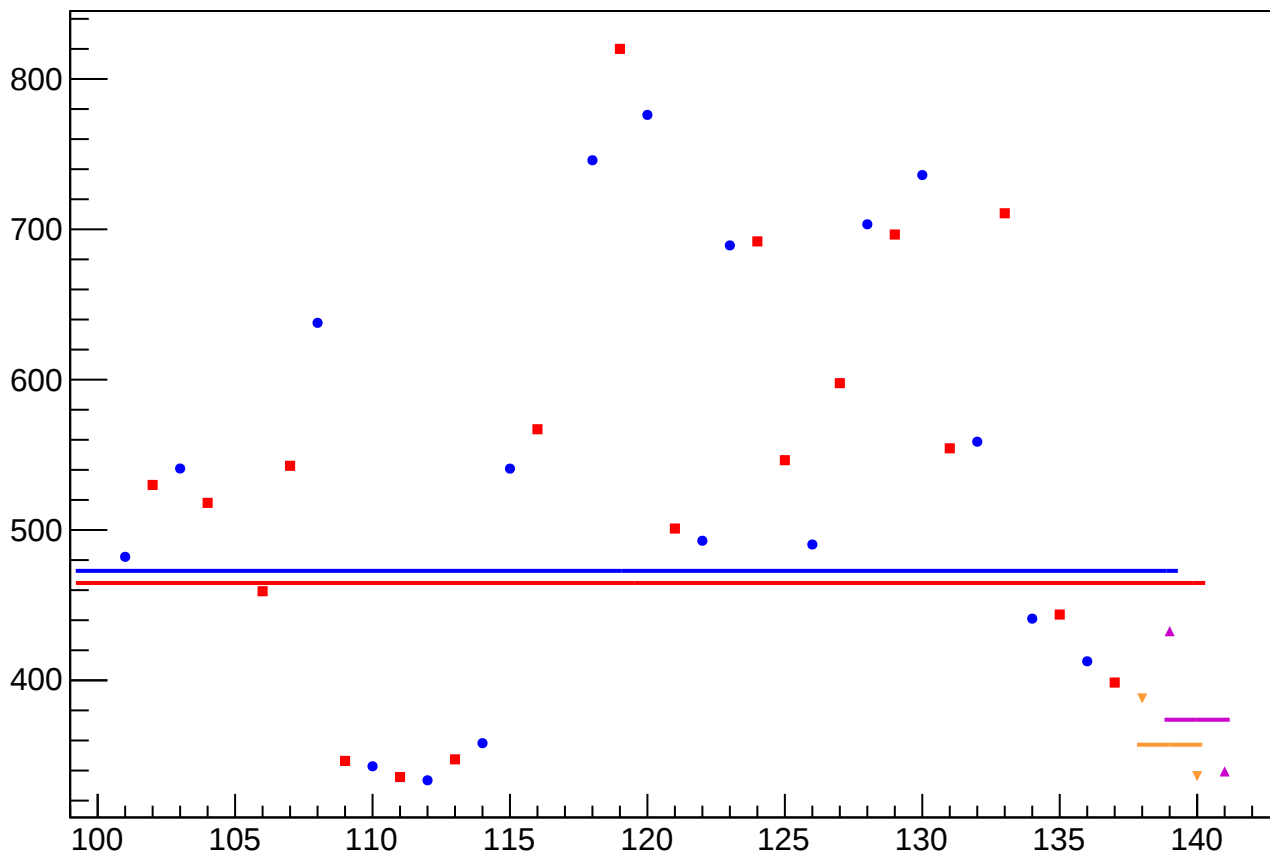
Right: 91.236 ± 131.185 χ^2/NDF : 40.1/34

In: -84.992 ± 159.575 χ^2/NDF : 26.3/18

Out: 115.788 ± 154.243 χ^2/NDF : 20.1/19

All: 18.809 ± 110.904 χ^2/NDF : 47.1/38

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 357.179+/-0.207 χ^2/NDF : 15069.7/1

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 373.798+/-0.209 χ^2/NDF : 46582.7/1

Left: 365.418+/-0.147 χ^2/NDF : 64855.5/3

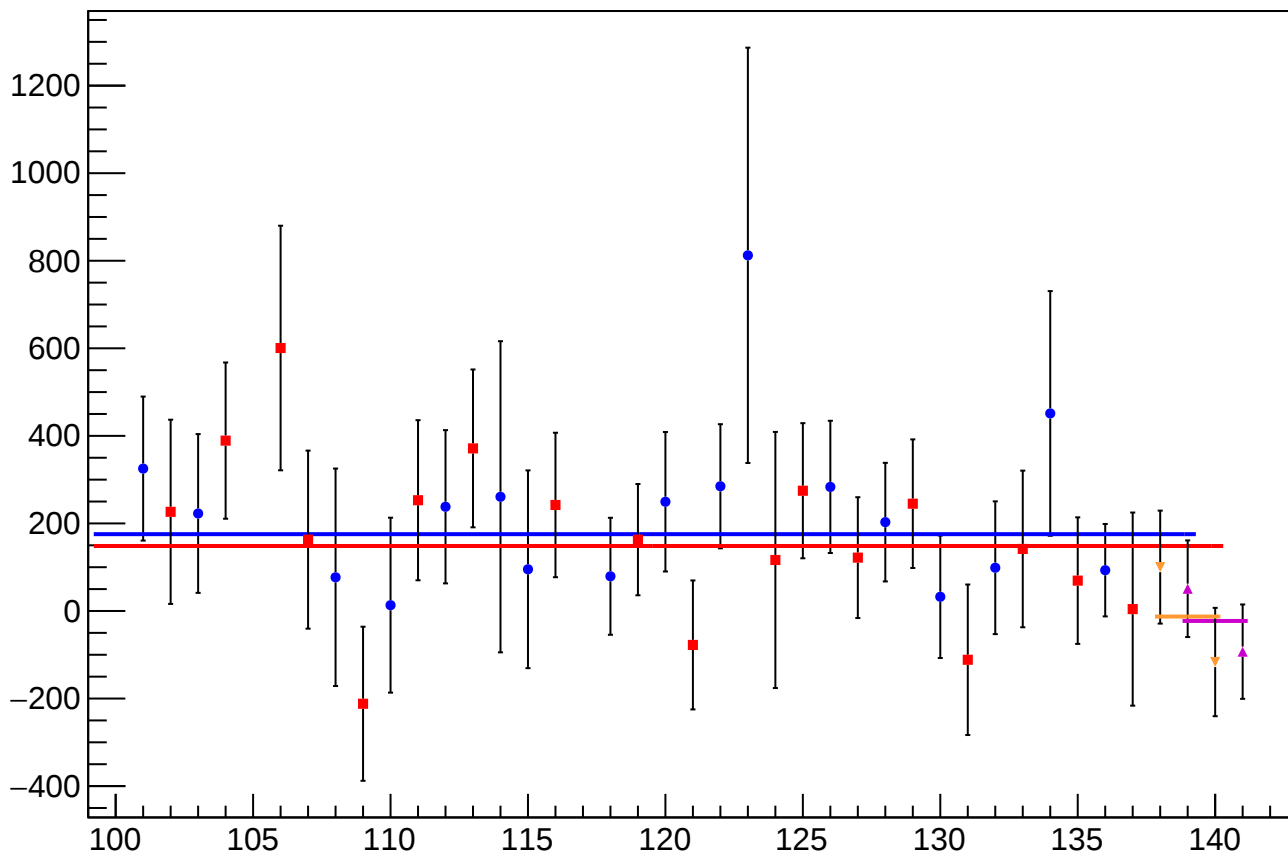
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 443.824+/-0.113 χ^2/NDF : 1102429.5/18

Out: 434.824+/-0.109 χ^2/NDF : 1125255.2/19

All: 439.171+/-0.078 χ^2/NDF : 2230974.0/38

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -12.697 ± 89.304 χ^2/NDF : 1.5/1

Right Out: 148.445 ± 40.332 χ^2/NDF : 17.5/17

Left In: -22.756 ± 77.123 χ^2/NDF : 0.9/1

Left: -18.459 ± 58.369 χ^2/NDF : 2.3/3

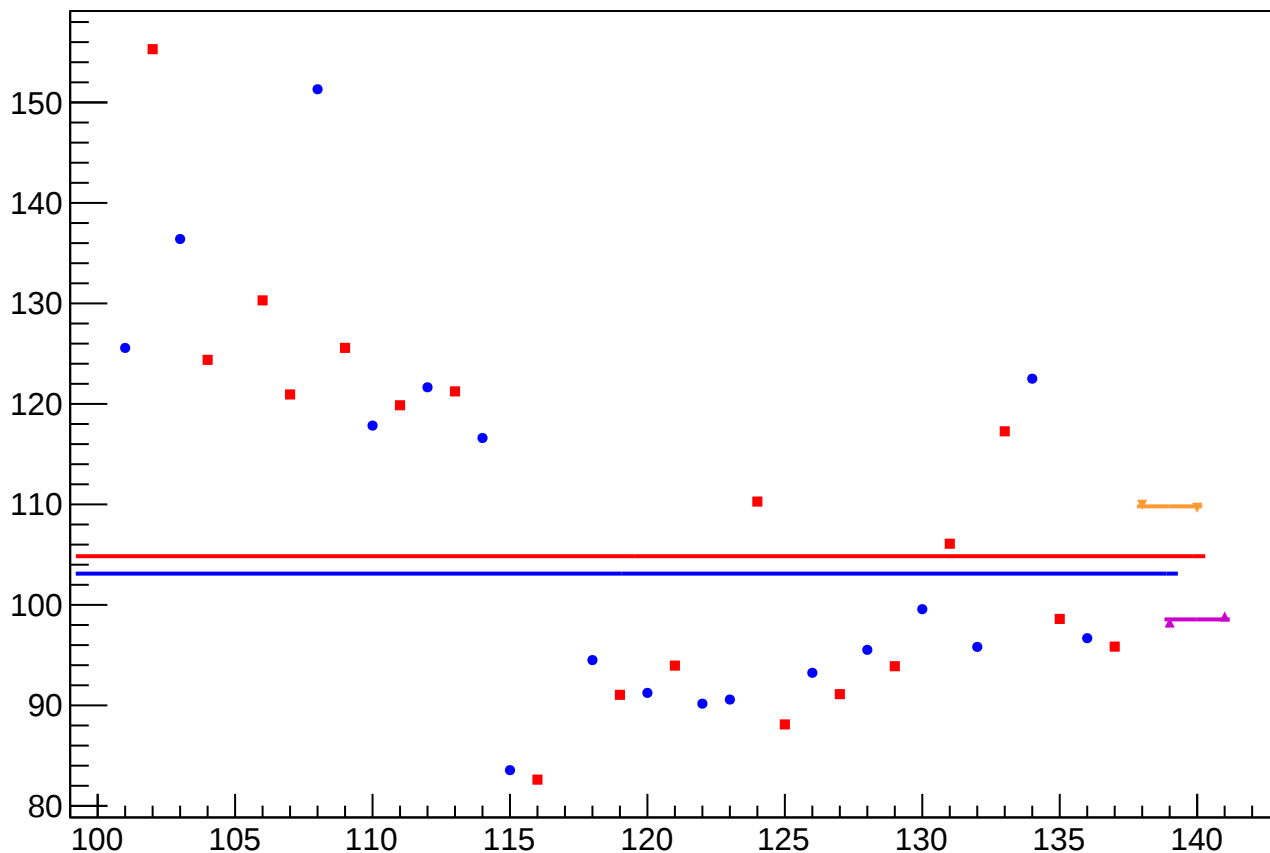
Right: 161.947 ± 28.528 χ^2/NDF : 26.3/34

In: 132.855 ± 35.758 χ^2/NDF : 14.6/18

Out: 121.146 ± 36.757 χ^2/NDF : 21.7/19

All: 127.161 ± 25.631 χ^2/NDF : 36.4/38

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: 109.806 $\pm$ 0.063 χ^2 /NDF: 5.7/1

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 98.556 $\pm$ 0.055 χ^2 /NDF: 30.4/1

Left: 103.362 $\pm$ 0.041 χ^2 /NDF: 18217.6/3

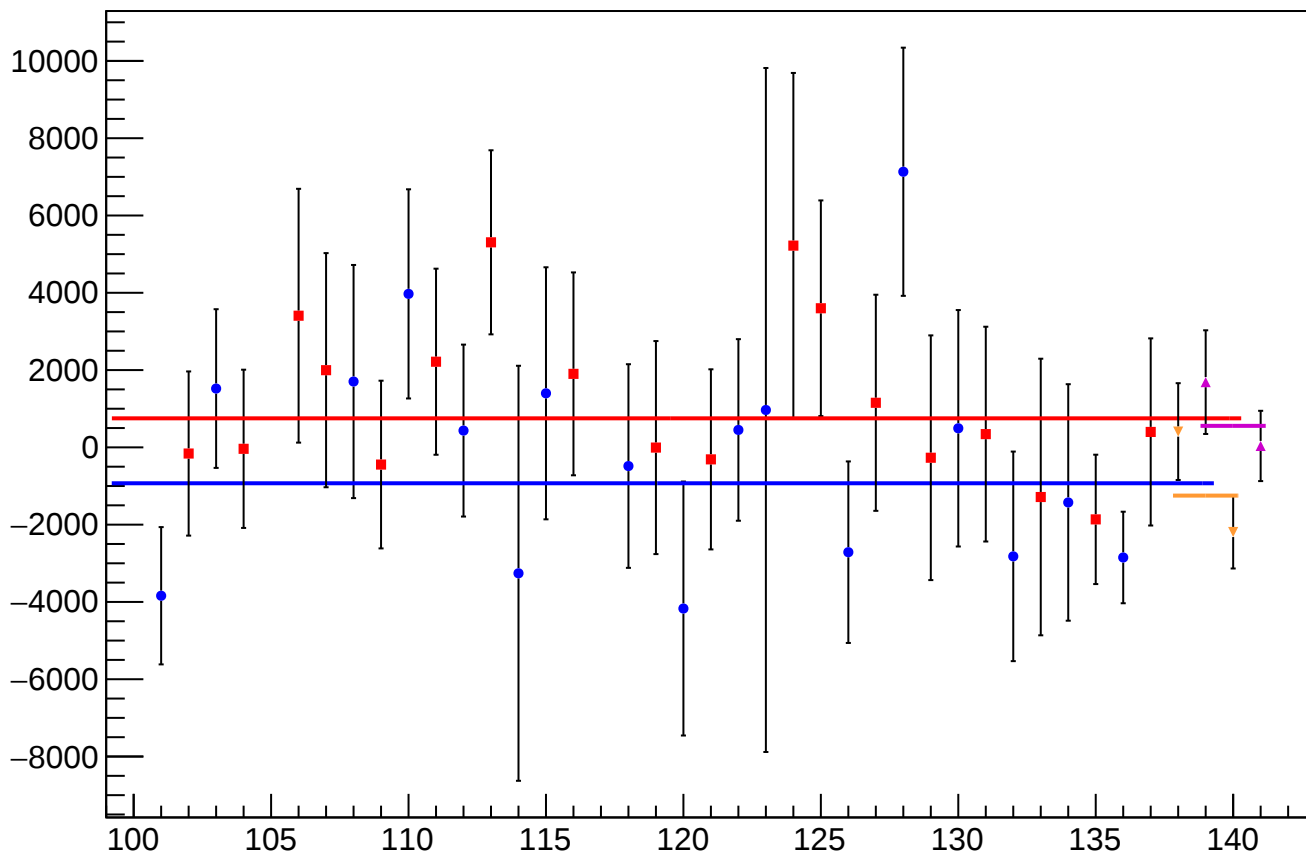
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 102.133 $\pm$ 0.025 χ^2 /NDF: 311948.8/18

Out: 105.685 $\pm$ 0.026 χ^2 /NDF: 373812.0/19

All: 103.860 $\pm$ 0.018 χ^2 /NDF: 695356.1/38

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: -1248.152 $\pm$ 754.029 χ^2 /NDF: 2.7/1

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 556.636 $\pm$ 752.778 χ^2 /NDF: 1.0/1

Left: -344.259 $\pm$ 532.736 χ^2 /NDF: 6.7/3

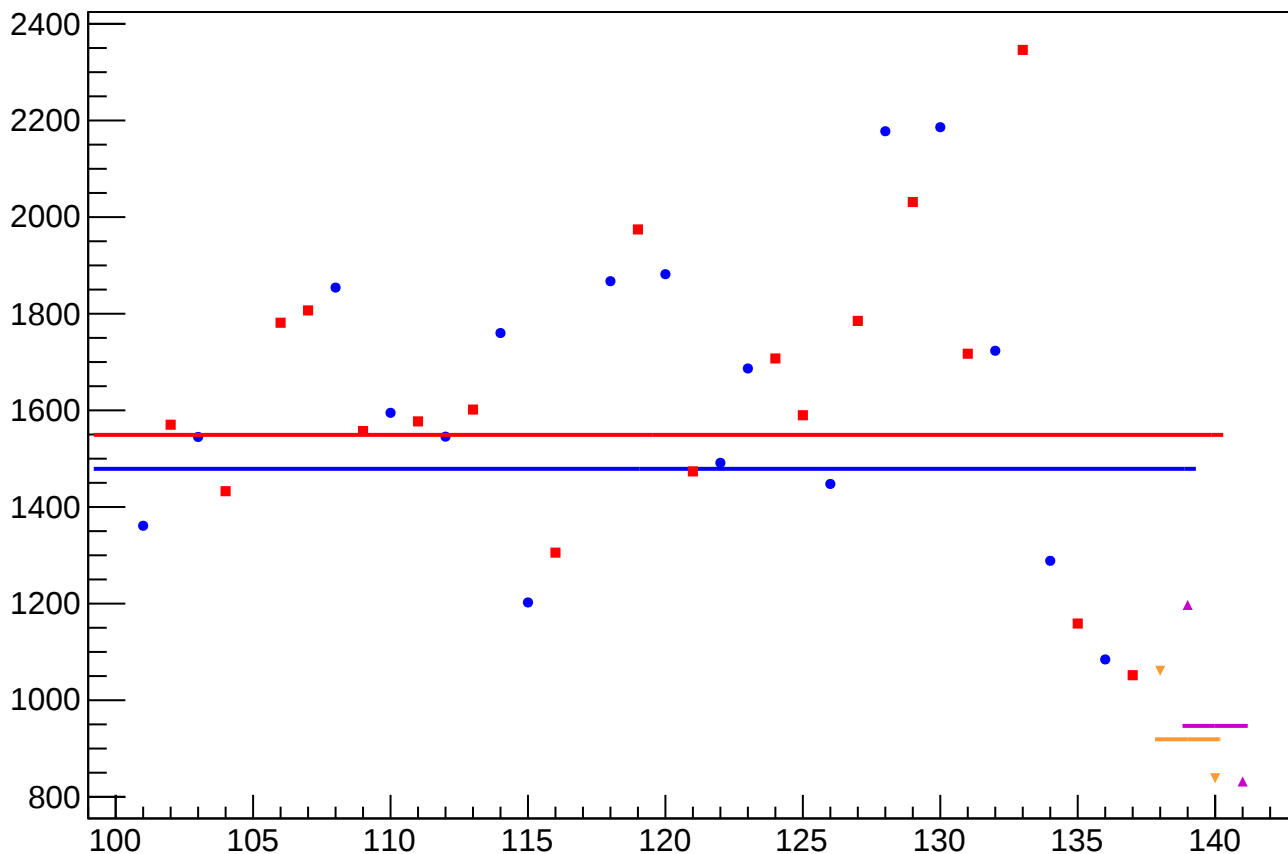
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -367.231 $\pm$ 462.885 χ^2 /NDF: 24.3/18

Out: -15.912 $\pm$ 467.072 χ^2 /NDF: 18.0/19

All: -193.153 $\pm$ 328.779 χ^2 /NDF: 42.6/38

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: 919.142 $\pm$ 0.533 χ^2 /NDF: 40203.2/1

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 946.878 $\pm$ 0.532 χ^2 /NDF: 101669.5/1

Left: 933.033 $\pm$ 0.377 χ^2 /NDF: 143227.9/3

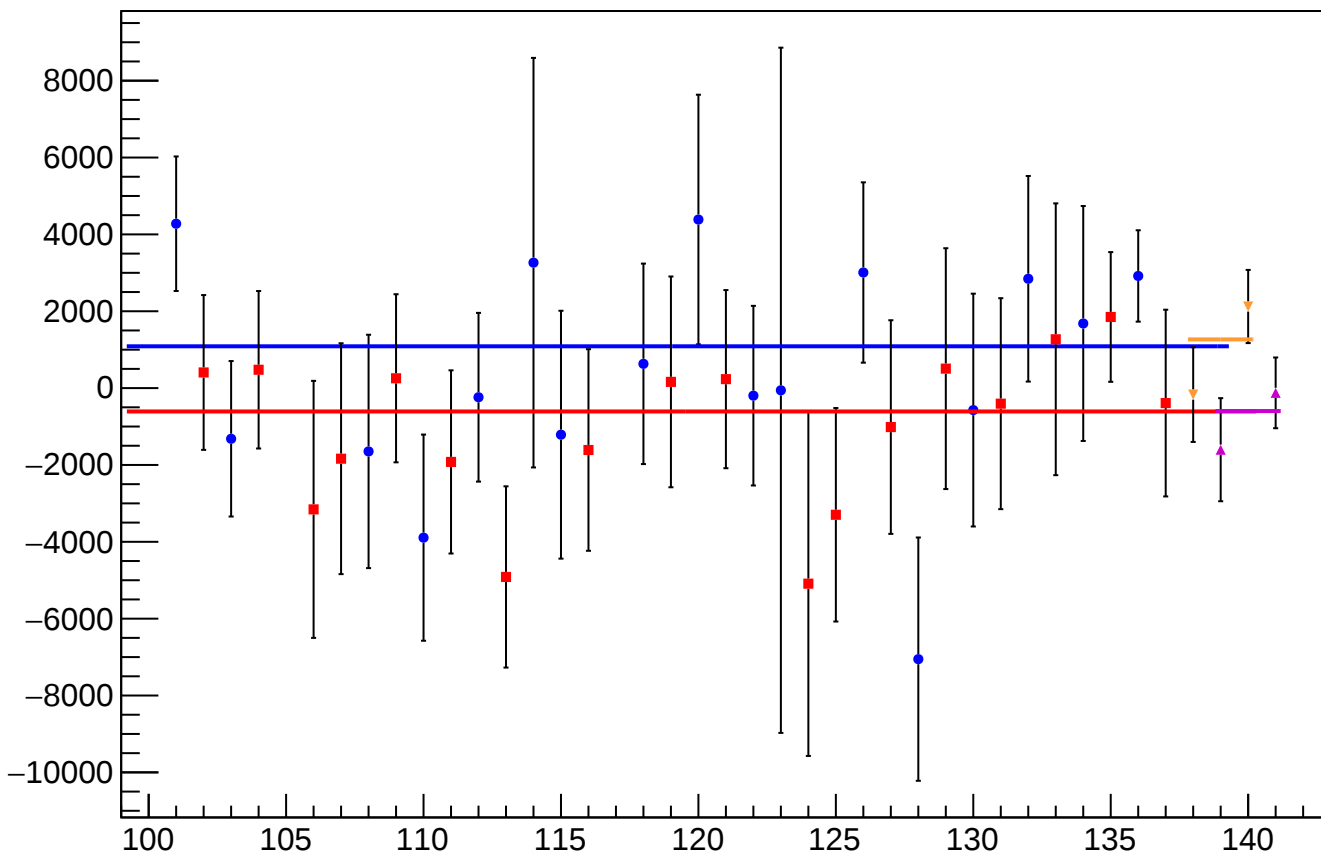
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1277.796 $\pm$ 0.327 χ^2 /NDF: 1312761.4/18

Out: 1307.488 $\pm$ 0.330 χ^2 /NDF: 1363551.6/19

All: 1292.508 $\pm$ 0.232 χ^2 /NDF: 2680390.4/38

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: 1267.040 $\pm$ 753.511 χ^2 /NDF: 2.2/1

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -597.234 $\pm$ 758.937 χ^2 /NDF: 0.8/1

Left: 341.591 $\pm$ 534.721 χ^2 /NDF: 6.0/3

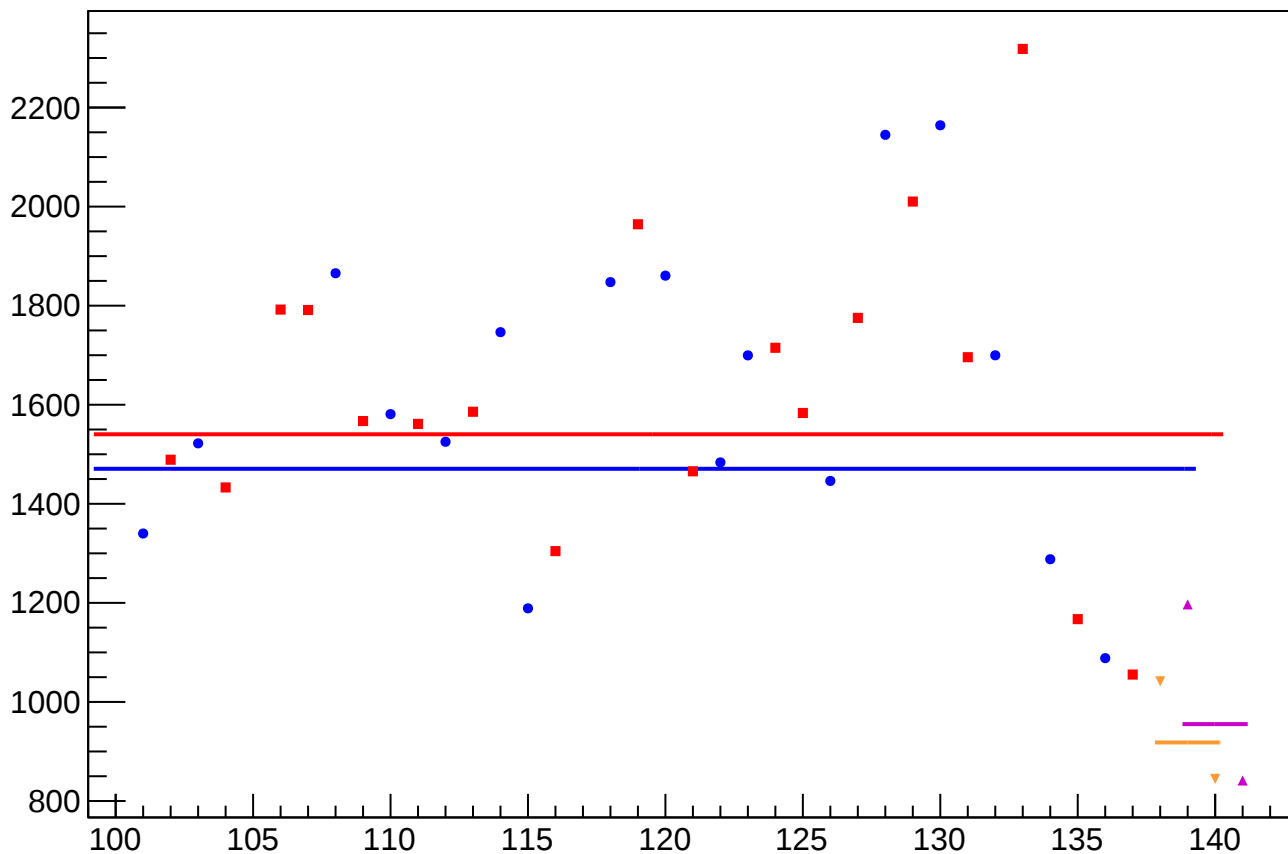
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 462.146 $\pm$ 462.497 χ^2 /NDF: 25.8/18

Out: 107.014 $\pm$ 465.295 χ^2 /NDF: 15.9/19

All: 285.651 $\pm$ 328.020 χ^2 /NDF: 42.0/38

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 918.233 $\pm$ 0.533 χ^2 /NDF: 31970.8/1

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 955.249 $\pm$ 0.537 χ^2 /NDF: 95501.9/1

Left: 936.608 $\pm$ 0.378 χ^2 /NDF: 129868.6/3

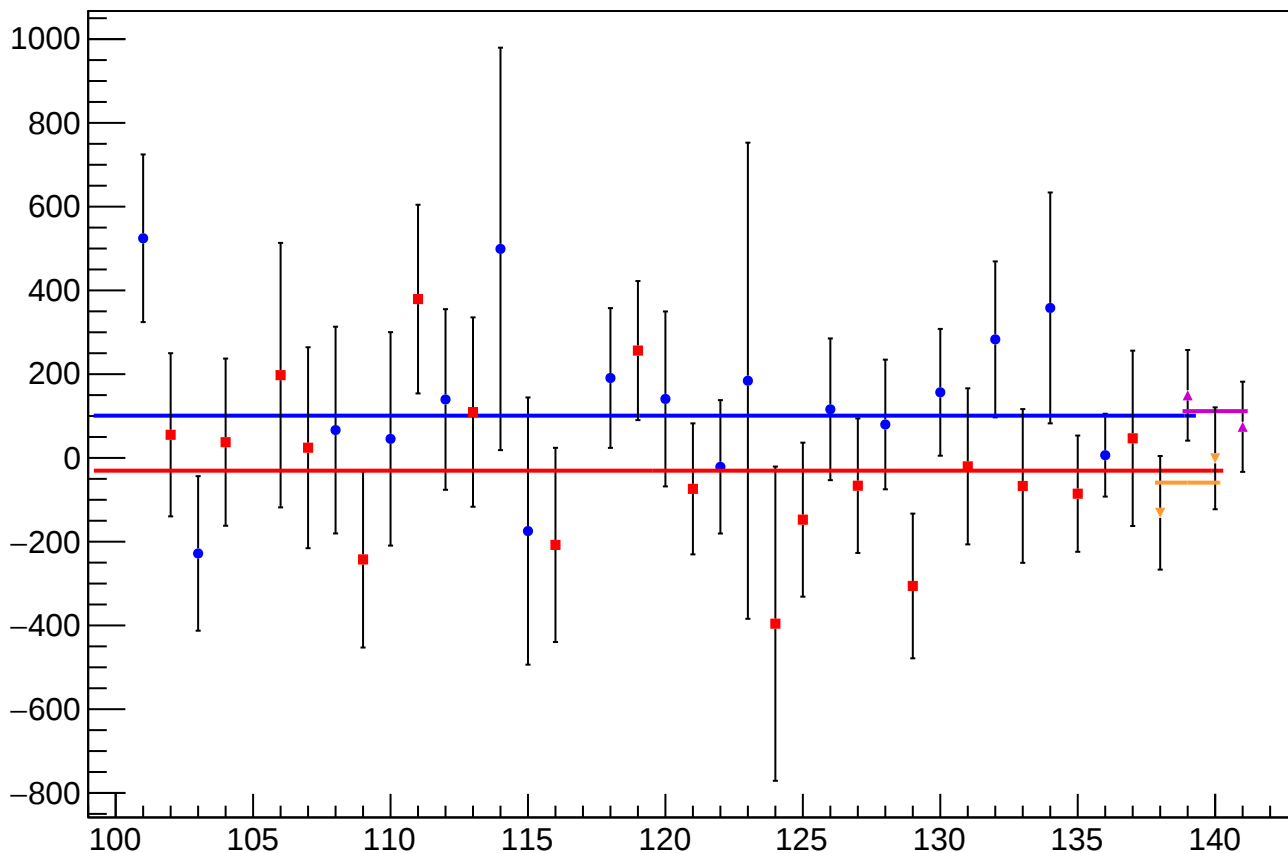
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1279.266 $\pm$ 0.327 χ^2 /NDF: 1243138.5/18

Out: 1303.125 $\pm$ 0.329 χ^2 /NDF: 1318218.0/19

All: 1291.124 $\pm$ 0.232 χ^2 /NDF: 2564001.8/38

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -58.946 $\pm$ 90.560 χ^2 /NDF:0.5/1

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: 111.732 $\pm$ 76.331 χ^2 /NDF:0.2/1

Left: 40.840 $\pm$ 58.364 χ^2 /NDF: 2.8/3

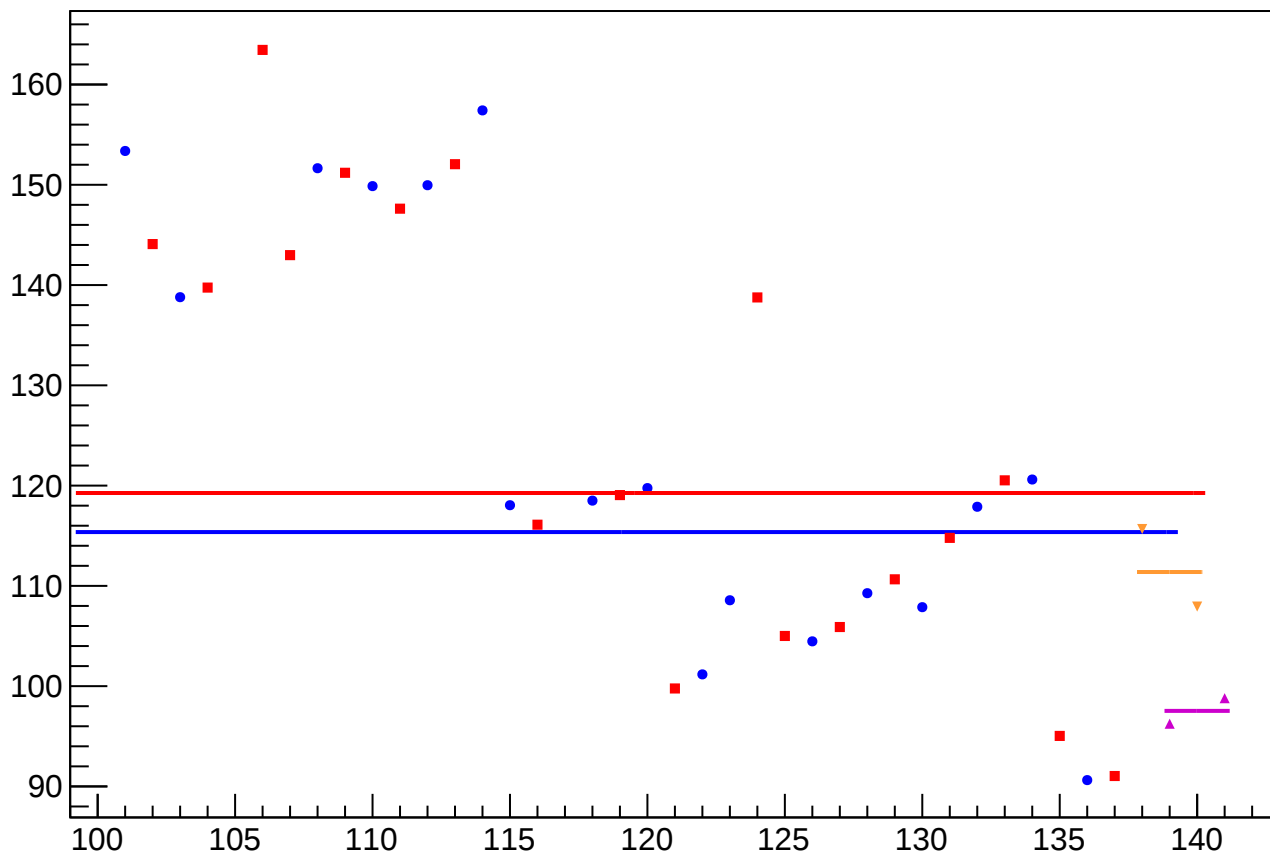
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 103.733 $\pm$ 38.946 χ^2 /NDF:13.3/18

Out: -36.205 $\pm$ 40.806 χ^2 /NDF:14.1/19

All: 37.027 $\pm$ 28.174 χ^2 /NDF: 33.5/38

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: 111.384 $\pm$ 0.064 χ^2 /NDF:3603.5/1

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 97.534 $\pm$ 0.054 χ^2 /NDF:555.4/1

Left: 103.287 $\pm$ 0.041 χ^2 /NDF: 31509.8/3

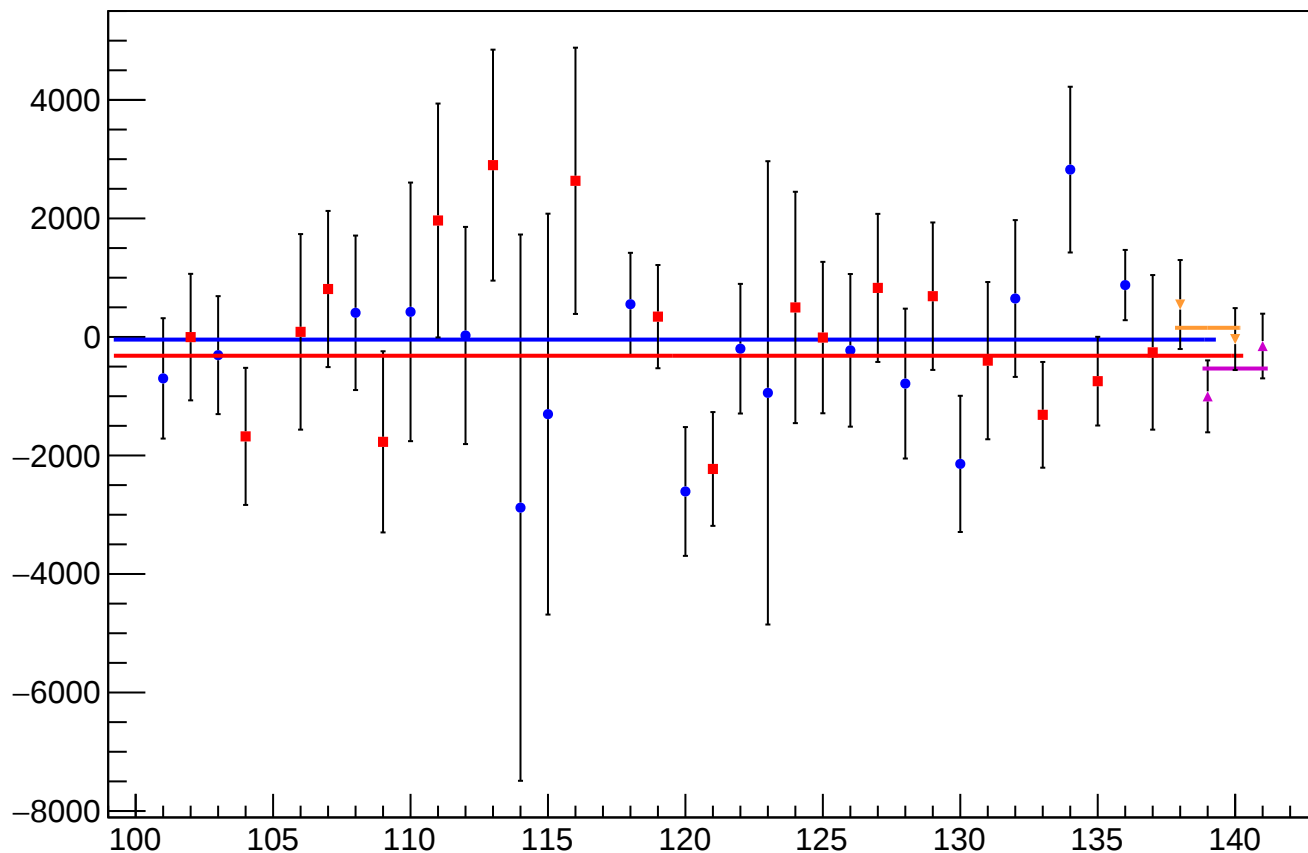
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 110.724 $\pm$ 0.028 χ^2 /NDF:492657.6/18

Out: 117.663 $\pm$ 0.029 χ^2 /NDF:413984.6/19

All: 114.032 $\pm$ 0.020 χ^2 /NDF: 936905.7/38

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 154.472 ± 428.863 χ^2/NDF : 0.4/1

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -532.811 ± 405.796 χ^2/NDF : 1.1/1

Left: -208.149 ± 294.759 χ^2/NDF : 2.8/3

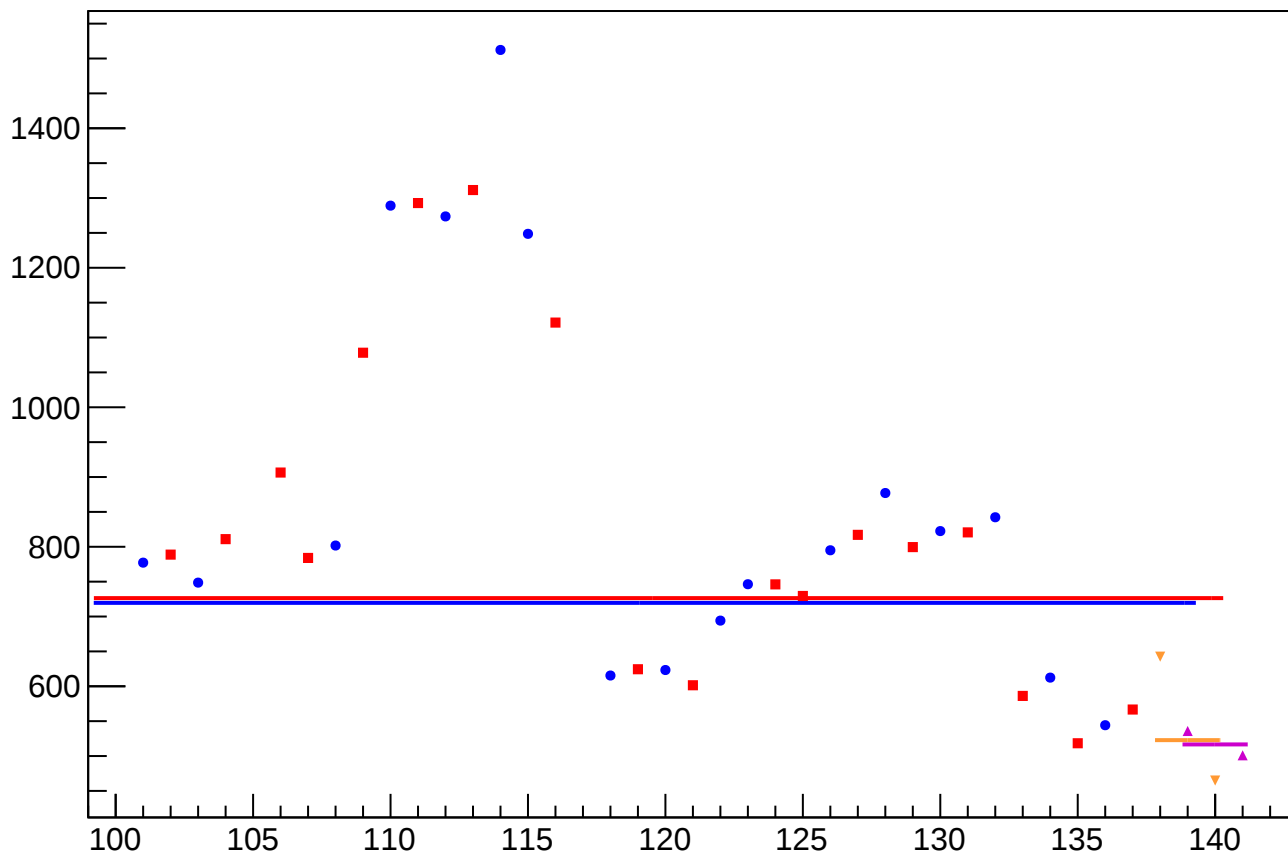
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -206.808 ± 233.928 χ^2/NDF : 19.9/18

Out: -173.882 ± 236.273 χ^2/NDF : 18.0/19

All: -190.509 ± 166.235 χ^2/NDF : 38.0/38

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: 522.787 $\pm$ 0.303 χ^2 /NDF: 75382.3/1

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.646 $\pm$ 0.287 χ^2 /NDF: 3649.8/1

Left: 519.547 $\pm$ 0.208 χ^2 /NDF: 79248.5/3

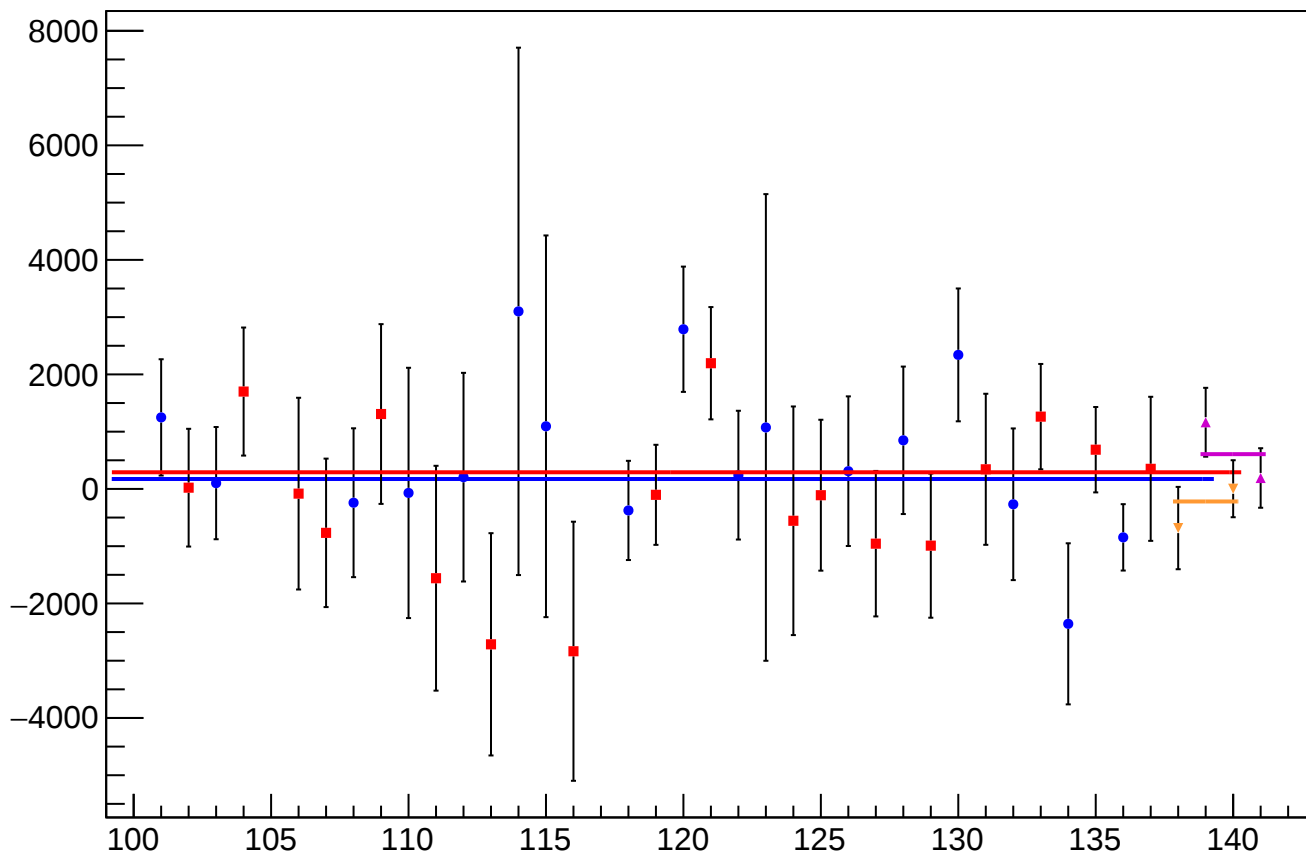
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 652.159 $\pm$ 0.165 χ^2 /NDF: 1084643.2/18

Out: 664.597 $\pm$ 0.167 χ^2 /NDF: 1270347.8/19

All: 658.316 $\pm$ 0.118 χ^2 /NDF: 2357789.8/38

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: -219.186 $\pm$ 409.274 χ^2 /NDF:0.6/1

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 607.320 $\pm$ 393.272 χ^2 /NDF:1.5/1

Left: 210.541 $\pm$ 283.574 χ^2 /NDF: 4.2/3

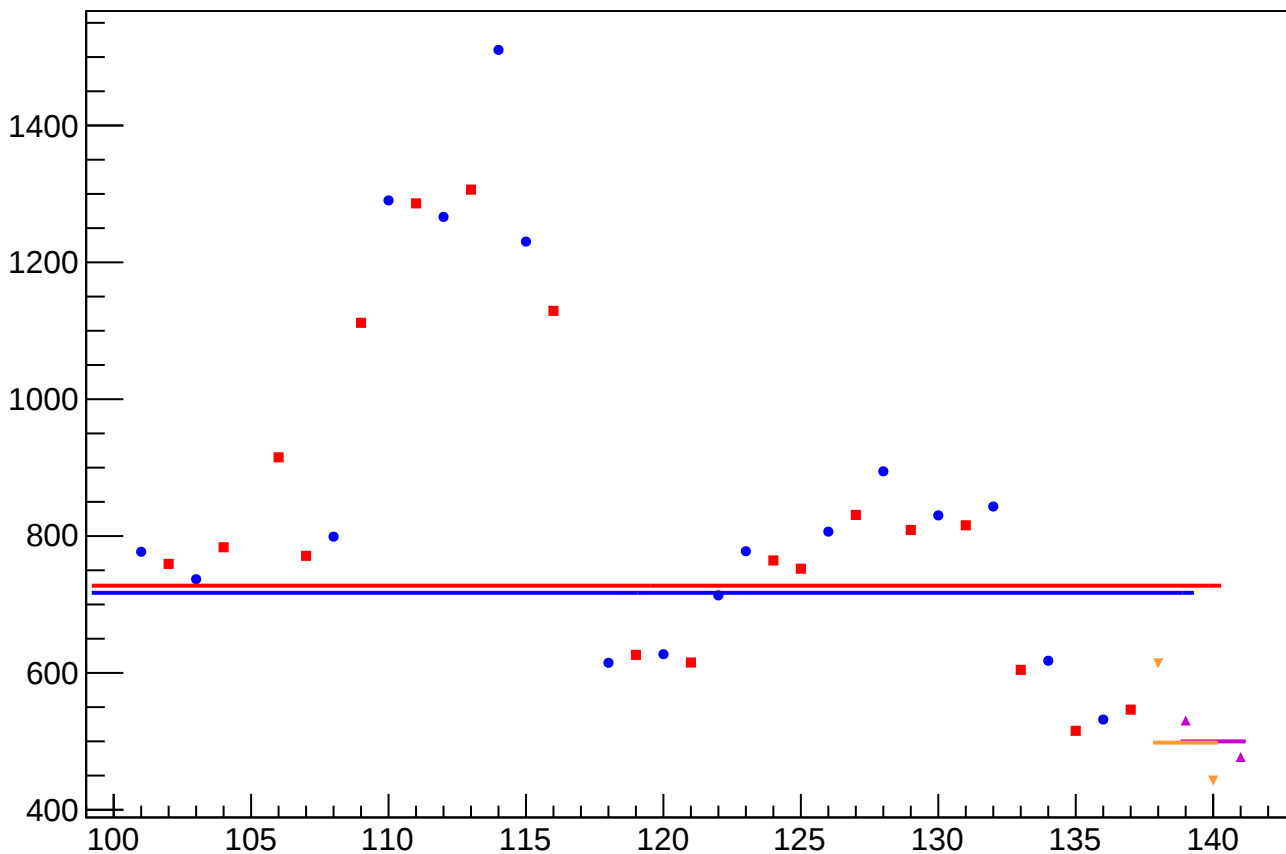
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 323.134 $\pm$ 231.129 χ^2 /NDF:20.4/18

Out: 125.405 $\pm$ 233.075 χ^2 /NDF:17.3/19

All: 225.098 $\pm$ 164.117 χ^2 /NDF: 38.1/38

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 498.202+/-0.289 χ^2/NDF : 76701.7/1

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 499.960+/-0.278 χ^2/NDF : 9002.2/1

Left: 499.116+/-0.201 χ^2/NDF : 85723.0/3

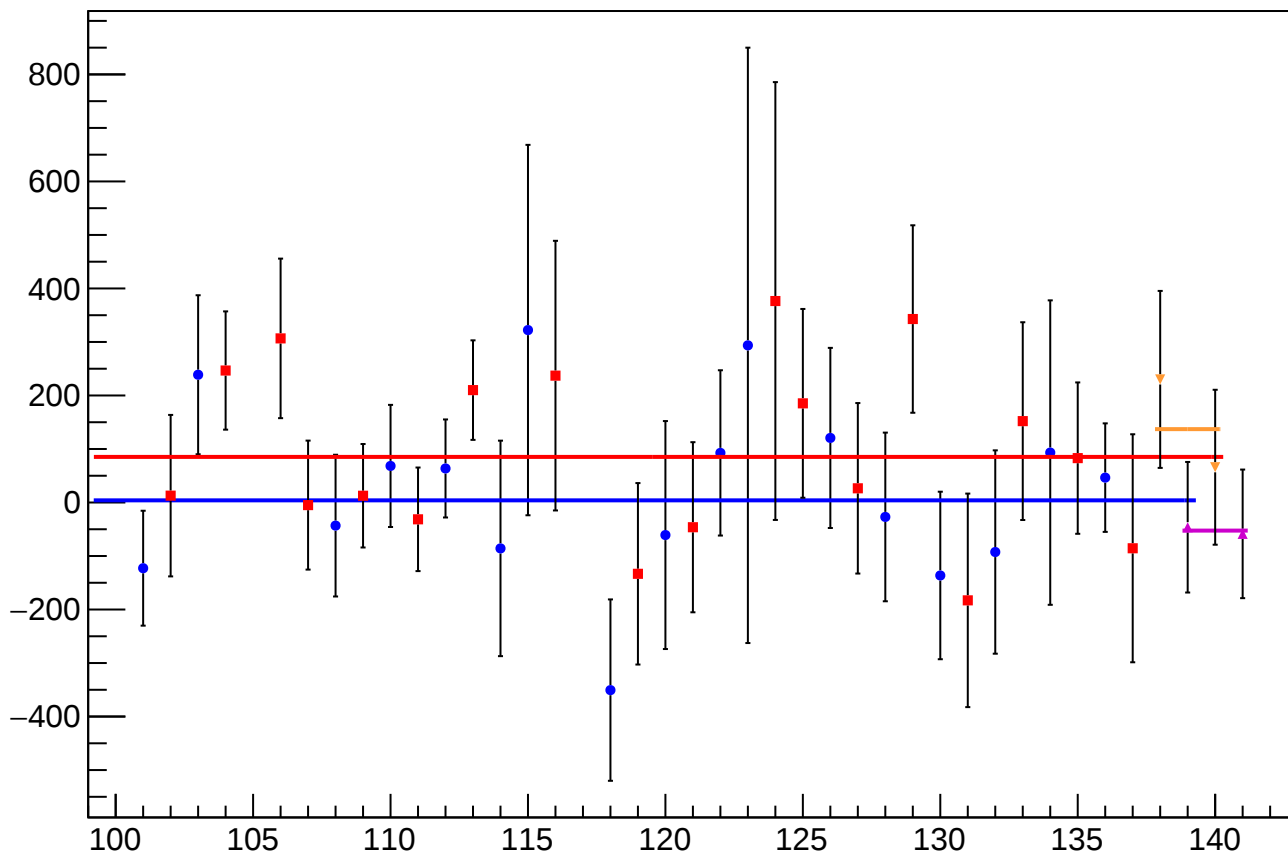
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 642.088+/-0.163 χ^2/NDF : 1190504.7/18

Out: 653.129+/-0.165 χ^2/NDF : 1381877.3/19

All: 647.562+/-0.116 χ^2/NDF : 2574644.9/38

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 137.105 ± 108.925 χ^2/NDF : 0.6/1

Right Out: 85.205 ± 33.413 χ^2/NDF : 17.4/17

Left In: -52.513 ± 85.614 χ^2/NDF : 0.0/1

Left: 19.897 ± 67.311 χ^2/NDF : 2.4/3

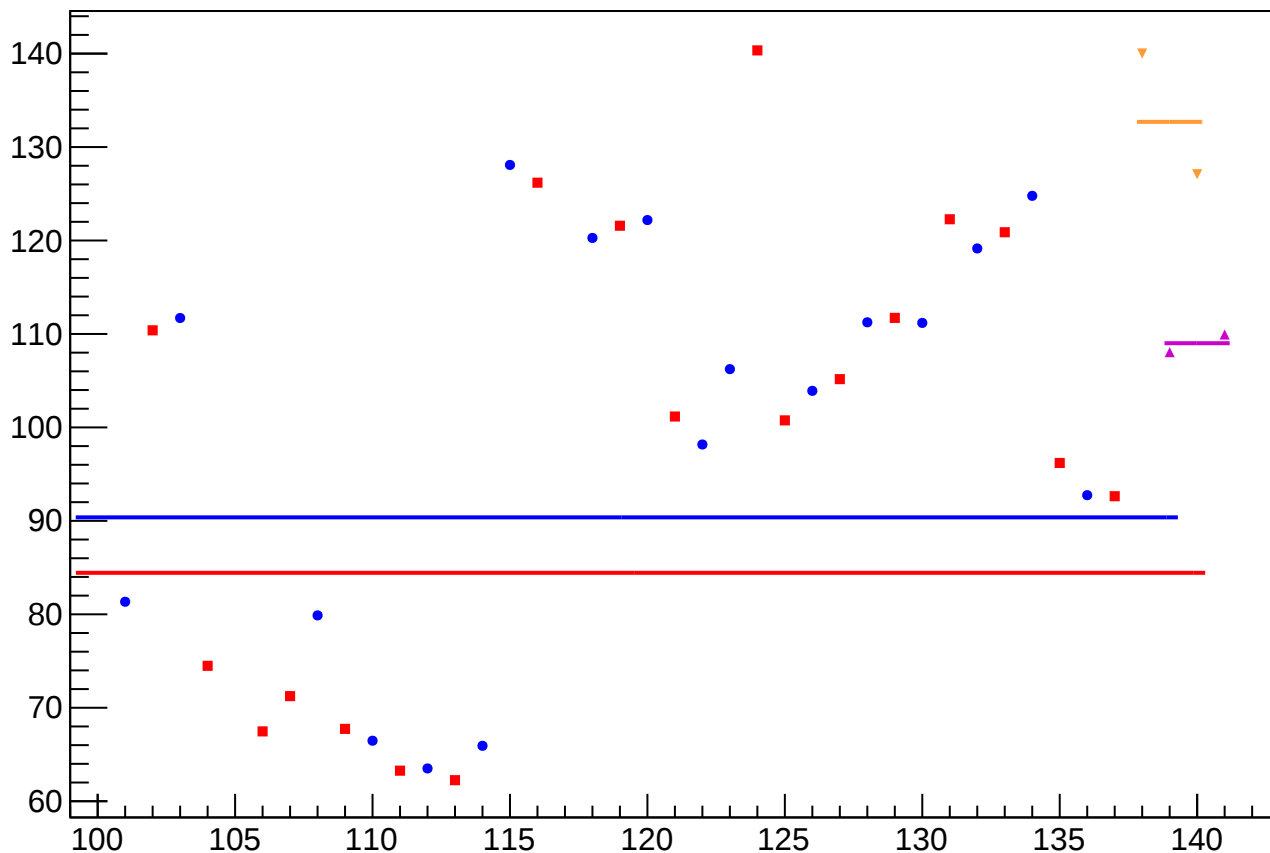
Right: 47.574 ± 24.474 χ^2/NDF : 32.8/34

In: -4.461 ± 33.147 χ^2/NDF : 13.1/18

Out: 89.669 ± 31.944 χ^2/NDF : 18.1/19

All: 44.343 ± 23.001 χ^2/NDF : 35.4/38

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 132.697+/-0.077 χ^2/NDF : 6910.8/1

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 109.010+/-0.061 χ^2/NDF : 243.4/1

Left: 118.056+/-0.048 χ^2/NDF : 65618.8/3

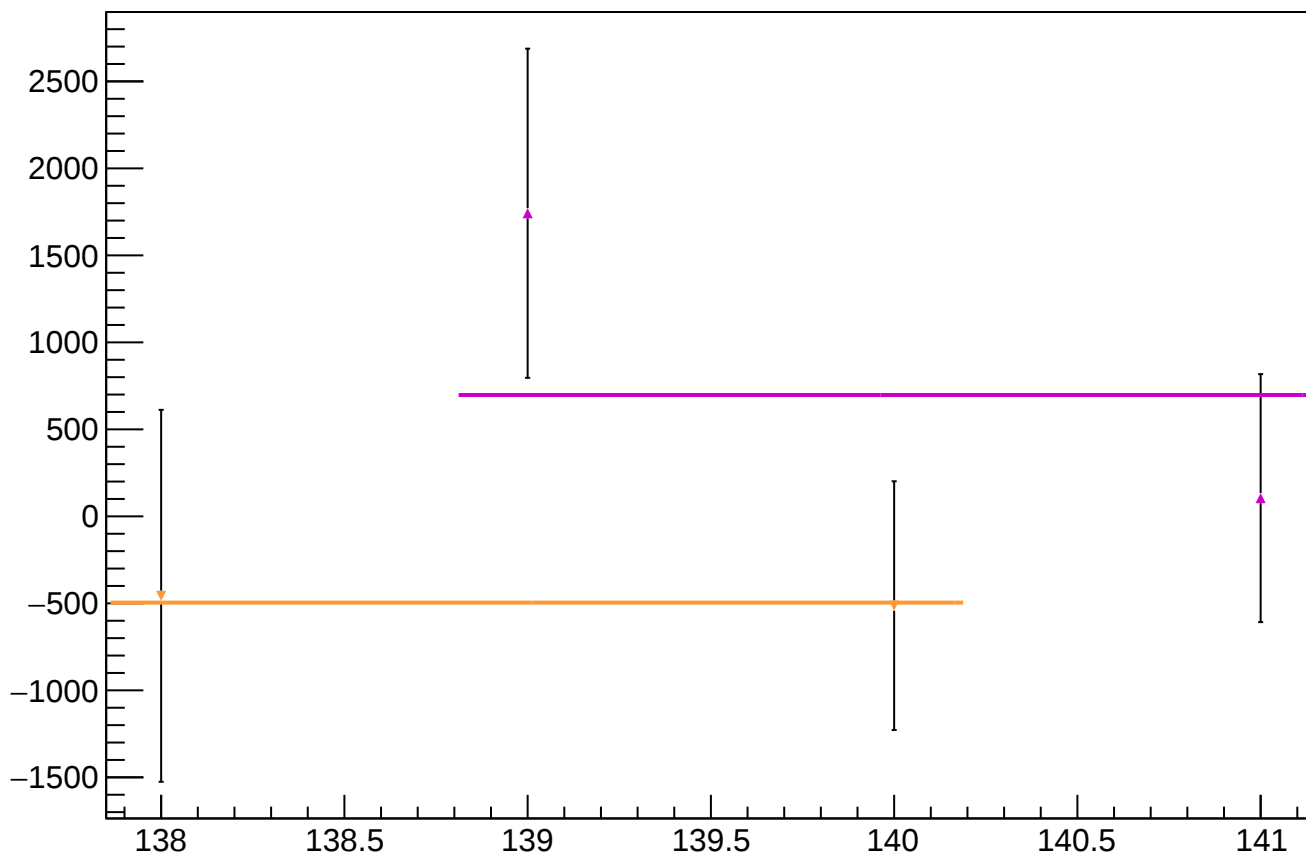
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 93.168+/-0.023 χ^2/NDF : 734932.0/18

Out: 88.592+/-0.023 χ^2/NDF : 1236515.4/19

All: 90.796+/-0.016 χ^2/NDF : 1991212.5/38

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -495.774+/-594.233 χ^2/NDF :0.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 697.532+/-569.240 χ^2/NDF :1.9/1

Left: 126.501+/-411.065 χ^2/NDF : 4.0/3

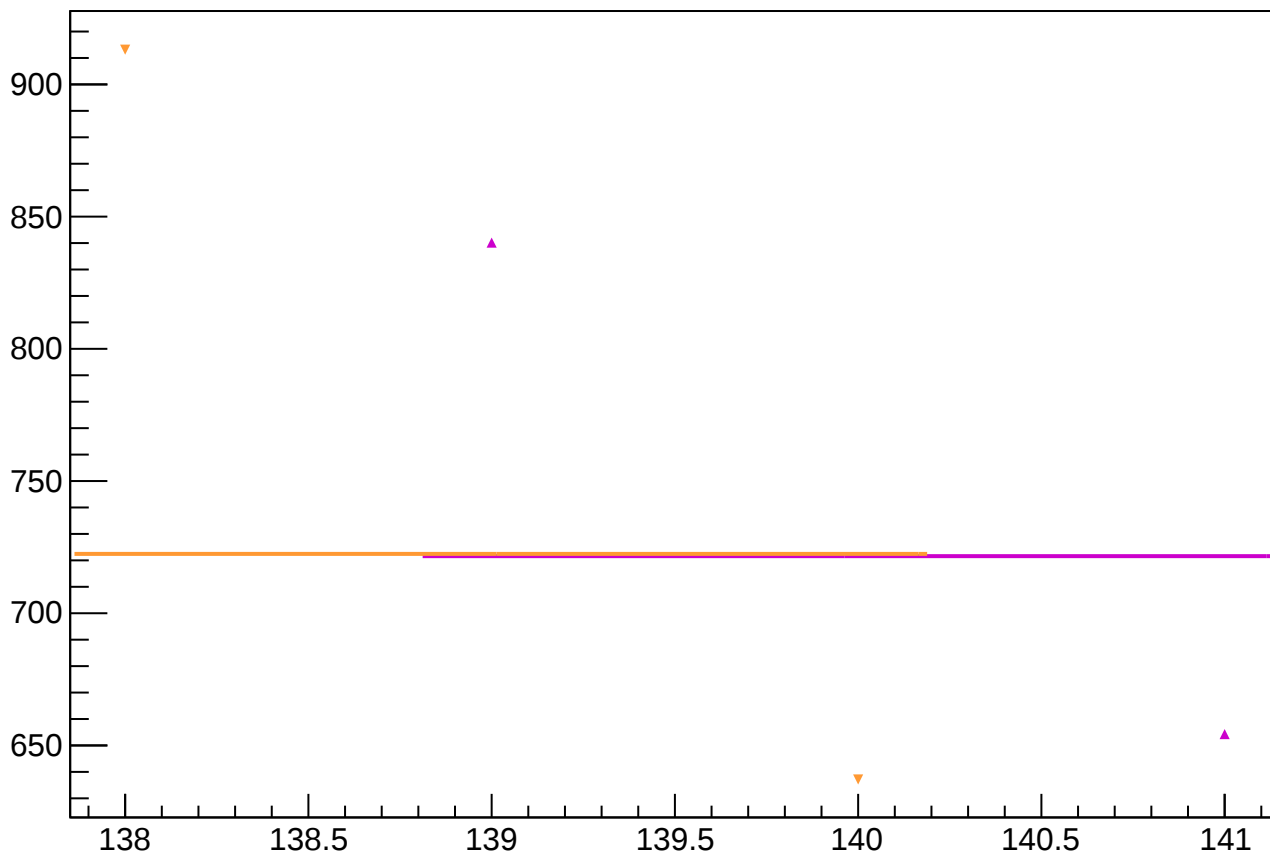
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.532+/-569.240 χ^2/NDF :1.9/1

Out: -495.774+/-594.233 χ^2/NDF :0.0/1

All: 126.501+/-411.065 χ^2/NDF : 4.0/3

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 722.445+/-0.420 χ^2/NDF :92140.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Left: 722.000+/-0.291 χ^2/NDF : 141397.4/3

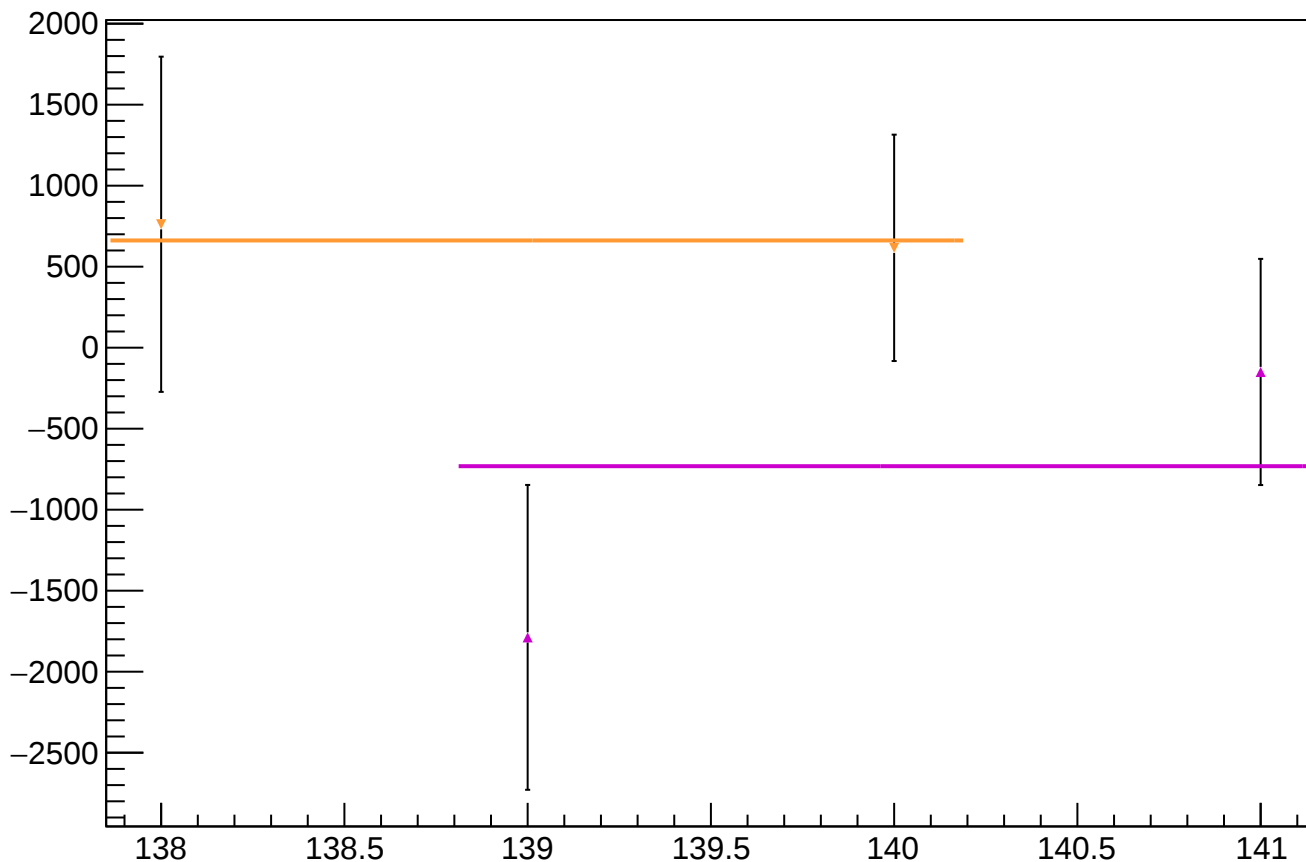
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Out: 722.445+/-0.420 χ^2/NDF :92140.1/1

All: 722.000+/-0.291 χ^2/NDF : 141397.4/3

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 661.817+/-579.006 χ^2/NDF :0.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -731.501+/-560.607 χ^2/NDF :2.0/1

Left: -57.331+/-402.756 χ^2/NDF : 5.0/3

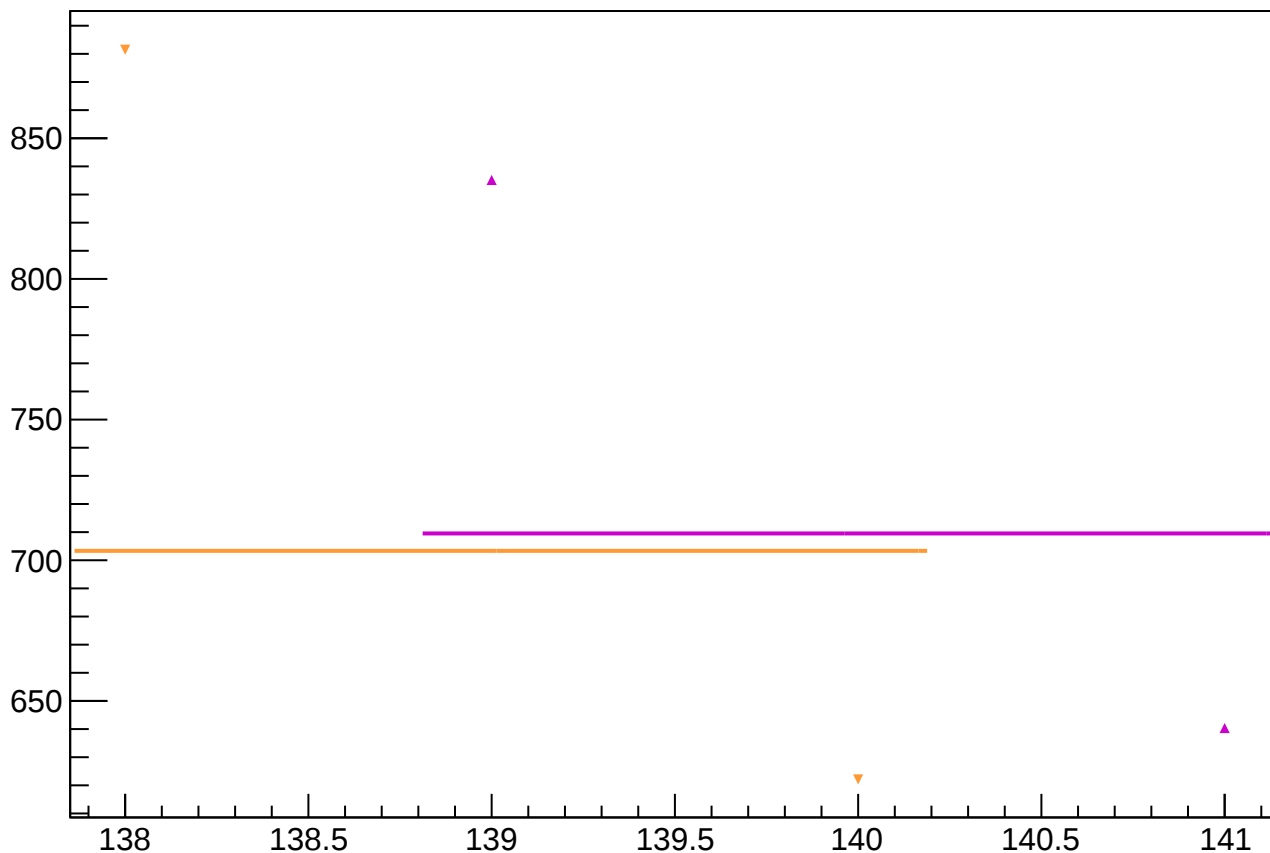
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -731.501+/-560.607 χ^2/NDF :2.0/1

Out: 661.817+/-579.006 χ^2/NDF :0.0/1

All: -57.331+/-402.756 χ^2/NDF : 5.0/3

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 703.347+/-0.409 χ^2/NDF : 86327.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Left: 706.540+/-0.285 χ^2/NDF : 141740.8/3

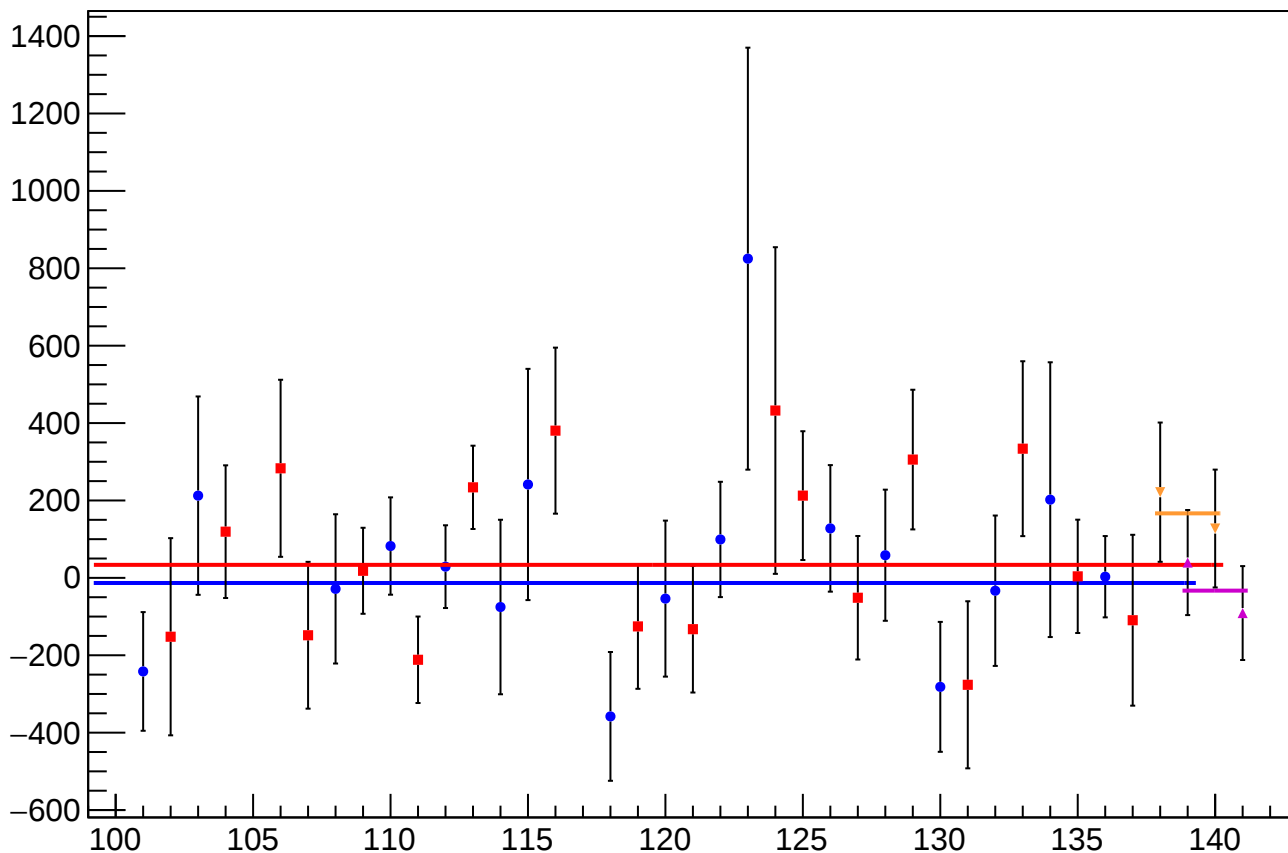
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Out: 703.347+/-0.409 χ^2/NDF : 86327.3/1

All: 706.540+/-0.285 χ^2/NDF : 141740.8/3

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 166.677 ± 116.232 $\chi^2/\text{NDF}: 0.2/1$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: -32.979 ± 90.471 $\chi^2/\text{NDF}: 0.5/1$

Left: 42.346 ± 71.393 $\chi^2/\text{NDF}: 2.5/3$

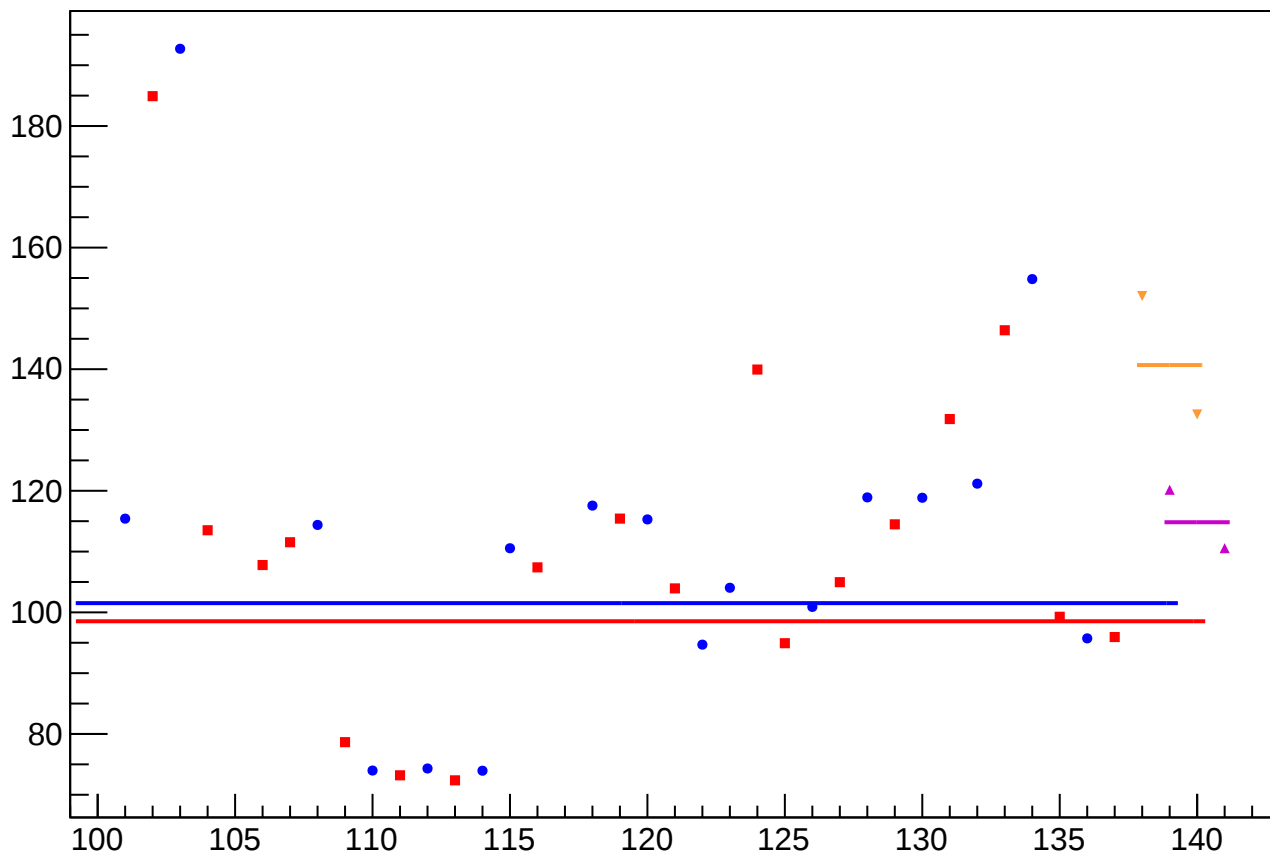
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: -16.522 ± 37.006 $\chi^2/\text{NDF}: 16.2/18$

Out: 47.032 ± 36.881 $\chi^2/\text{NDF}: 26.0/19$

All: 15.362 ± 26.123 $\chi^2/\text{NDF}: 43.8/38$

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: 140.680 $\pm$ 0.082 χ^2/NDF :13652.0/1

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 114.826 $\pm$ 0.064 χ^2/NDF :5568.9/1

Left: 124.580 $\pm$ 0.050 χ^2/NDF : 80839.7/3

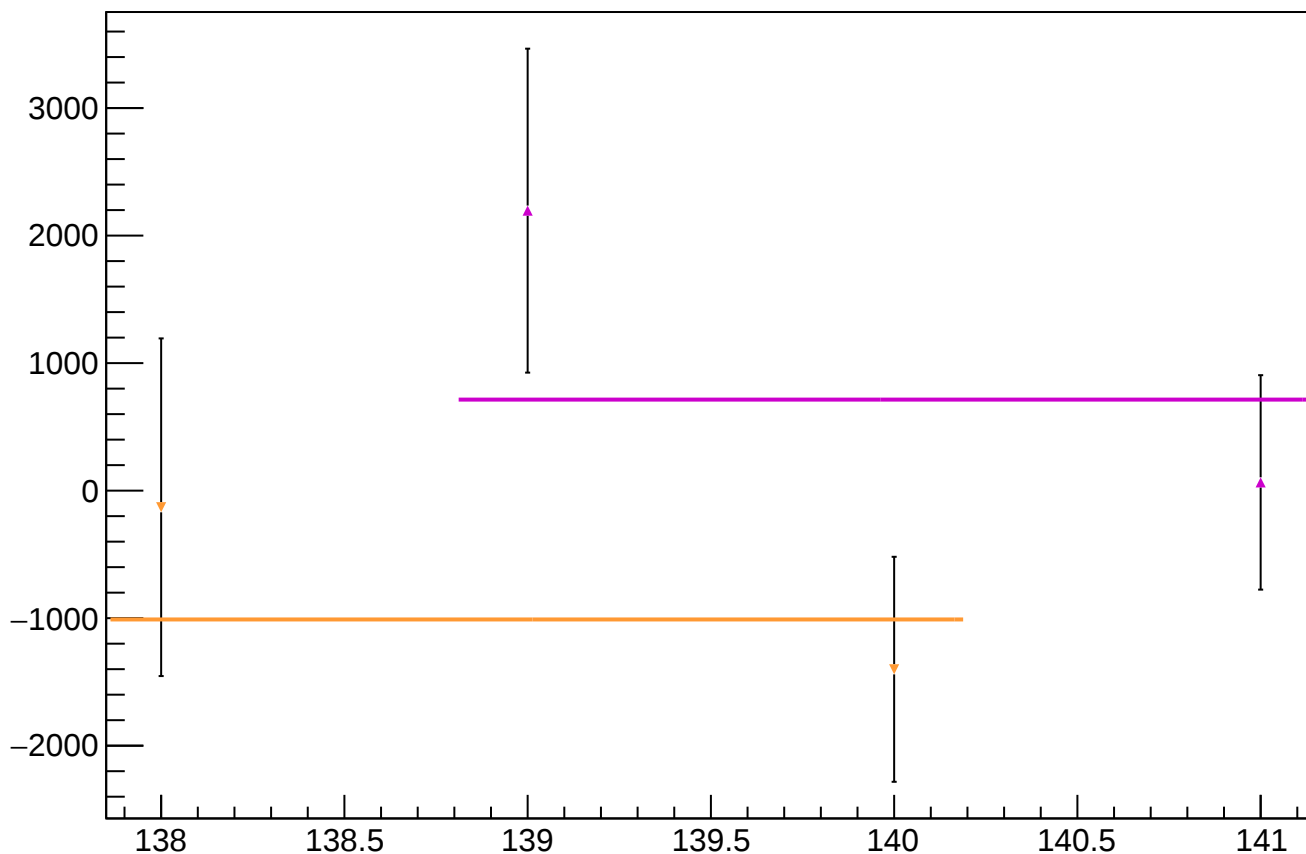
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 103.746 $\pm$ 0.026 χ^2/NDF :723314.0/18

Out: 102.780 $\pm$ 0.026 χ^2/NDF :997087.5/19

All: 103.261 $\pm$ 0.018 χ^2/NDF : 1721085.0/38

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1010.164 ± 734.135 $\chi^2/\text{NDF}: 0.6/1$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 713.883 ± 701.101 $\chi^2/\text{NDF}: 2.0/1$

Left: -108.480 ± 507.030 $\chi^2/\text{NDF}: 5.5/3$

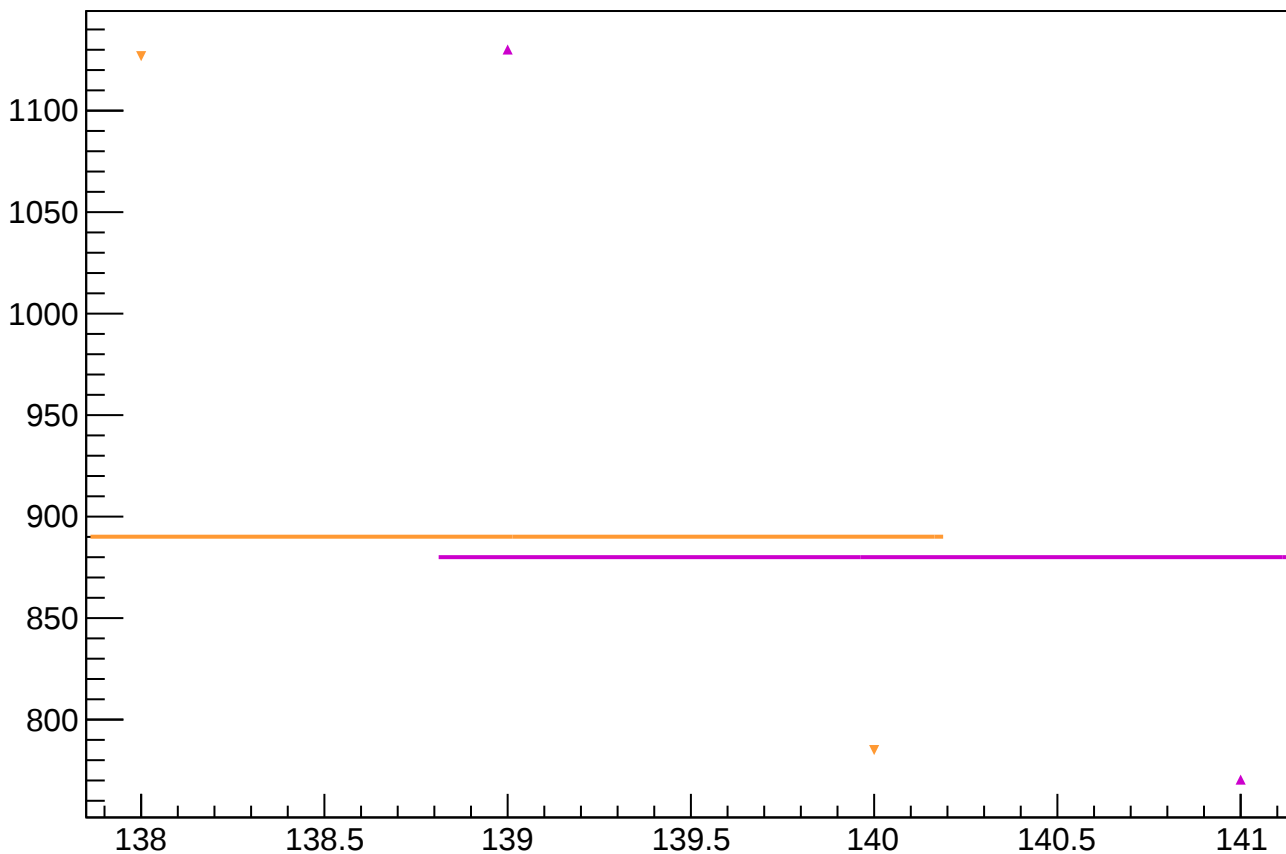
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 713.883 ± 701.101 $\chi^2/\text{NDF}: 2.0/1$

Out: -1010.164 ± 734.135 $\chi^2/\text{NDF}: 0.6/1$

All: -108.480 ± 507.030 $\chi^2/\text{NDF}: 5.5/3$

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 890.103+/-0.519 χ^2/NDF :92345.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Left: 884.832+/-0.359 χ^2/NDF : 204063.8/3

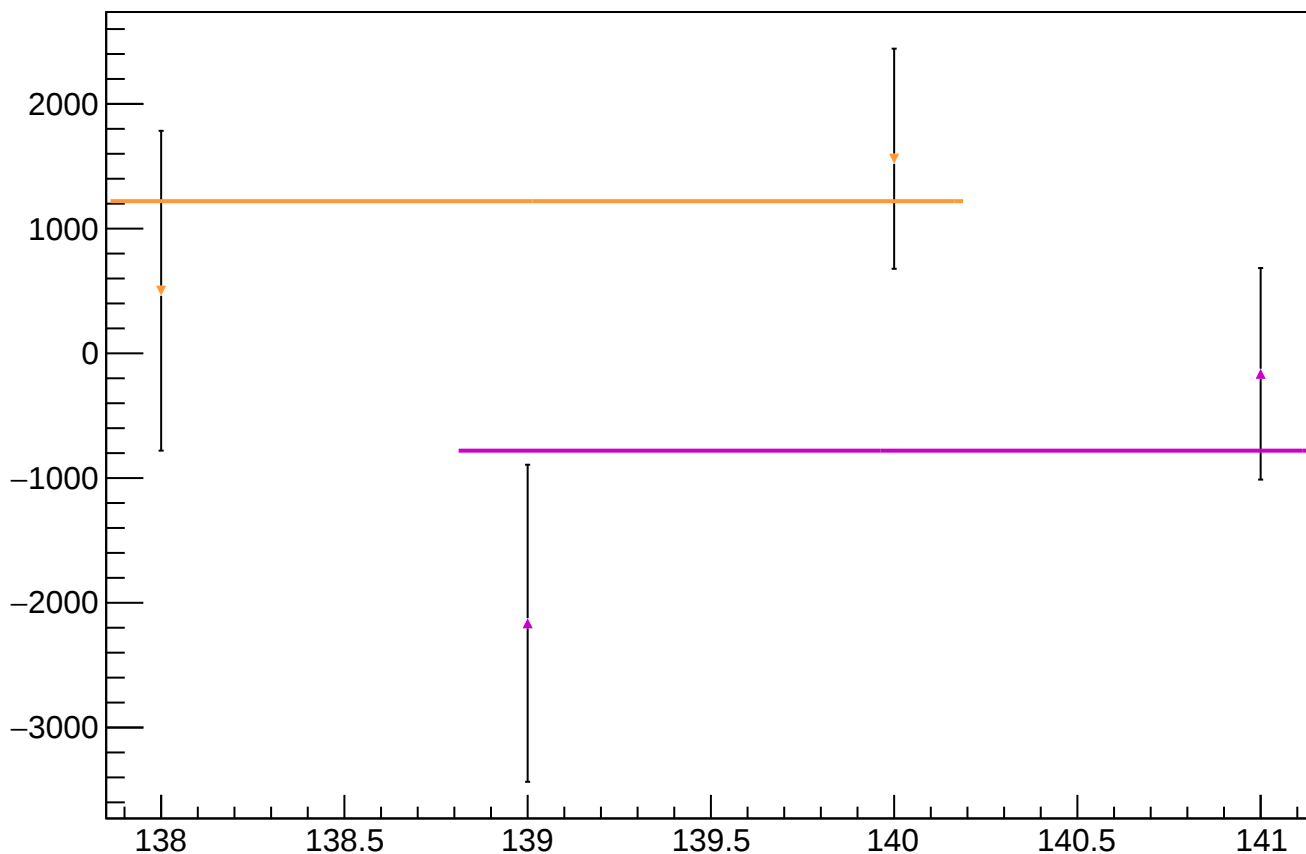
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Out: 890.103+/-0.519 χ^2/NDF :92345.8/1

All: 884.832+/-0.359 χ^2/NDF : 204063.8/3

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Left: 190.147+/-506.266 χ^2/NDF : 6.1/3

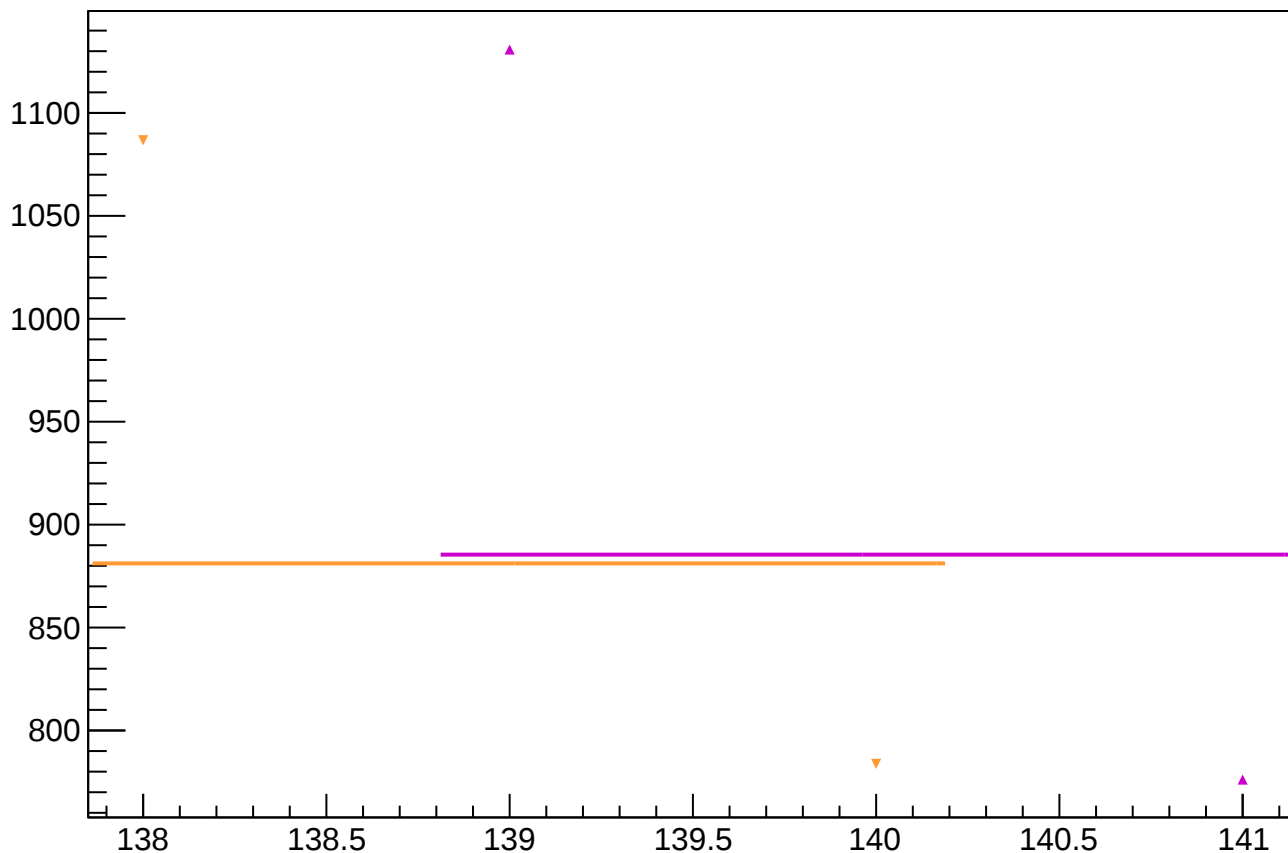
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

All: 190.147+/-506.266 χ^2/NDF : 6.1/3

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 885.422+/-0.499 χ^2/NDF : 107732.4/1

Left: 883.360+/-0.358 χ^2/NDF : 183541.6/3

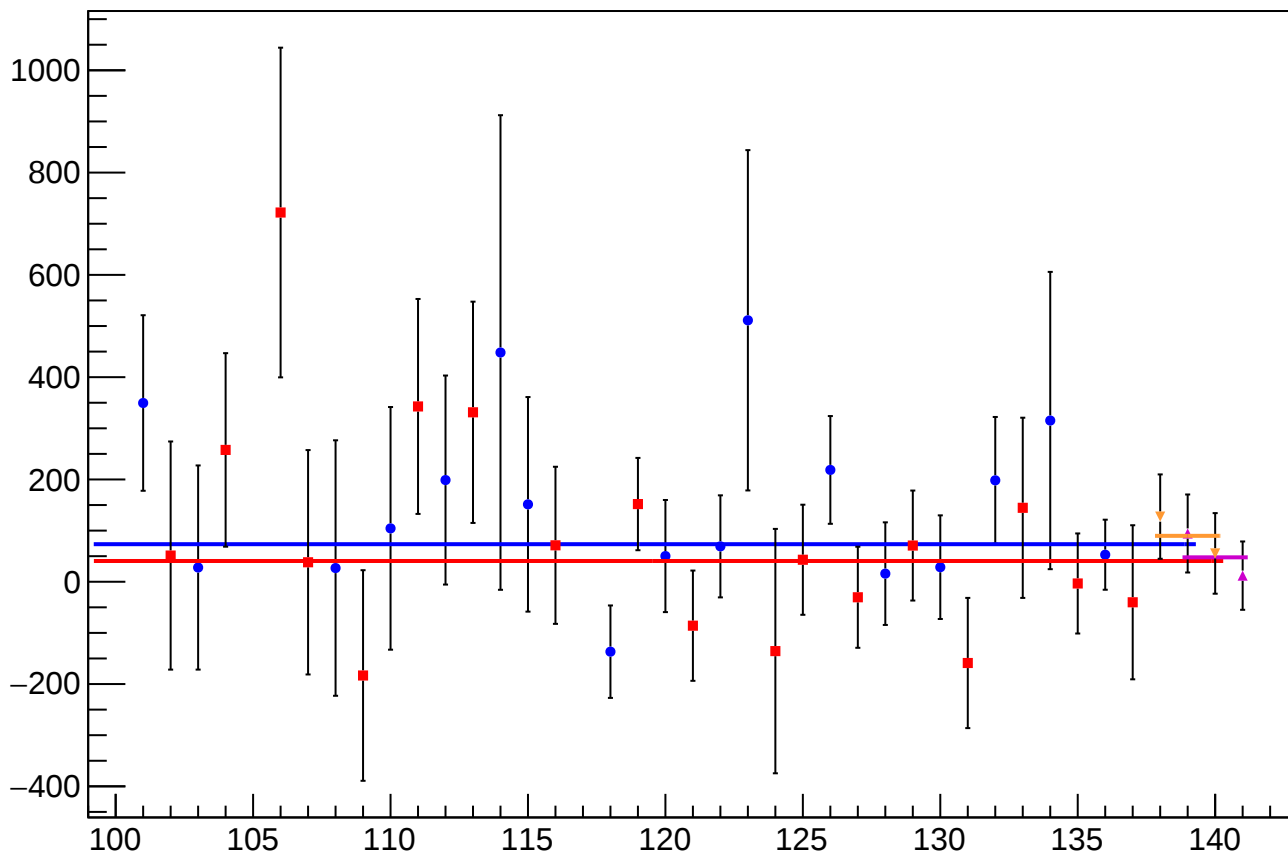
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 885.422+/-0.499 χ^2/NDF : 107732.4/1

Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

All: 883.360+/-0.358 χ^2/NDF : 183541.6/3

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: 89.770 $\pm$ 56.969 χ^2 /NDF:0.4/1

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 47.732 $\pm$ 50.251 χ^2 /NDF:0.7/1

Left: 66.127 $\pm$ 37.686 χ^2 /NDF: 1.4/3

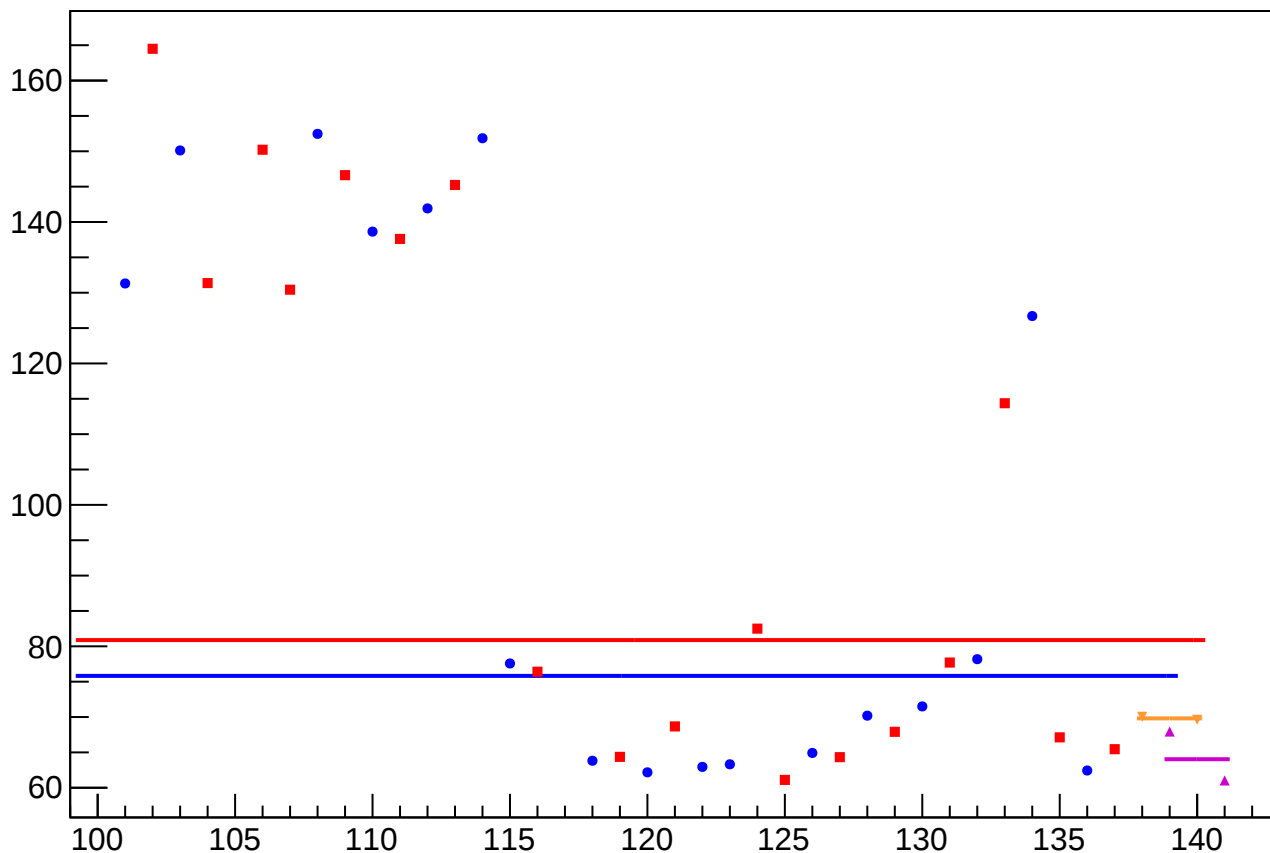
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 66.339 $\pm$ 26.421 χ^2 /NDF:16.1/18

Out: 52.806 $\pm$ 28.389 χ^2 /NDF:19.2/19

All: 60.058 $\pm$ 19.341 χ^2 /NDF: 35.4/38

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 69.811+/-0.040 χ^2/NDF : 27.6/1

Right Out: 80.881+/-0.023 χ^2/NDF : 1526044.5/17

Left In: 64.035+/-0.036 χ^2/NDF : 9317.7/1

Left: 66.563+/-0.027 χ^2/NDF : 20909.0/3

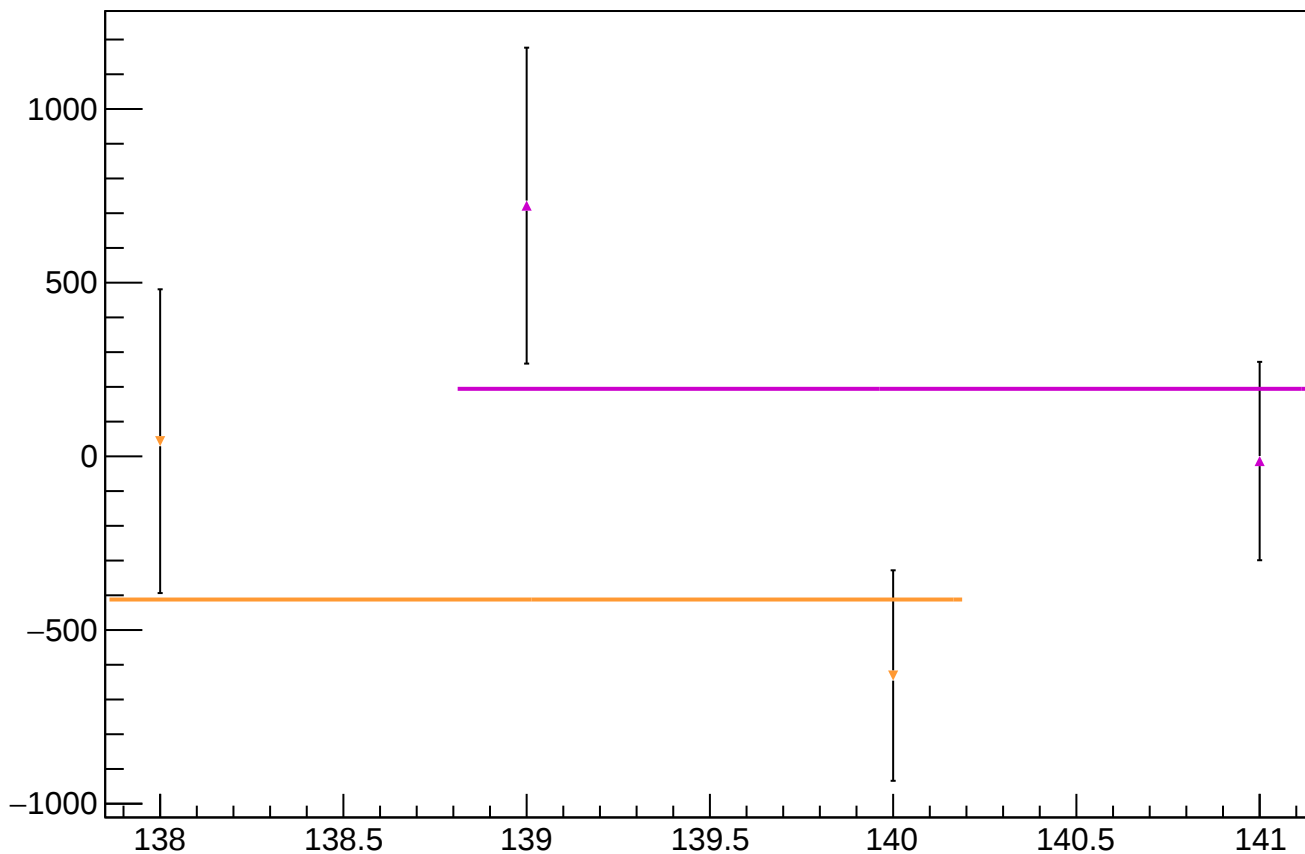
Right: 78.217+/-0.016 χ^2/NDF : 2901160.0/34

In: 72.562+/-0.019 χ^2/NDF : 1438868.3/18

Out: 78.132+/-0.020 χ^2/NDF : 1582835.6/19

All: 75.147+/-0.014 χ^2/NDF : 3062963.7/38

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -412.176+/-249.050 χ^2/NDF :1.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.408+/-241.824 χ^2/NDF :1.9/1

Left: -99.957+/-173.494 χ^2/NDF : 6.5/3

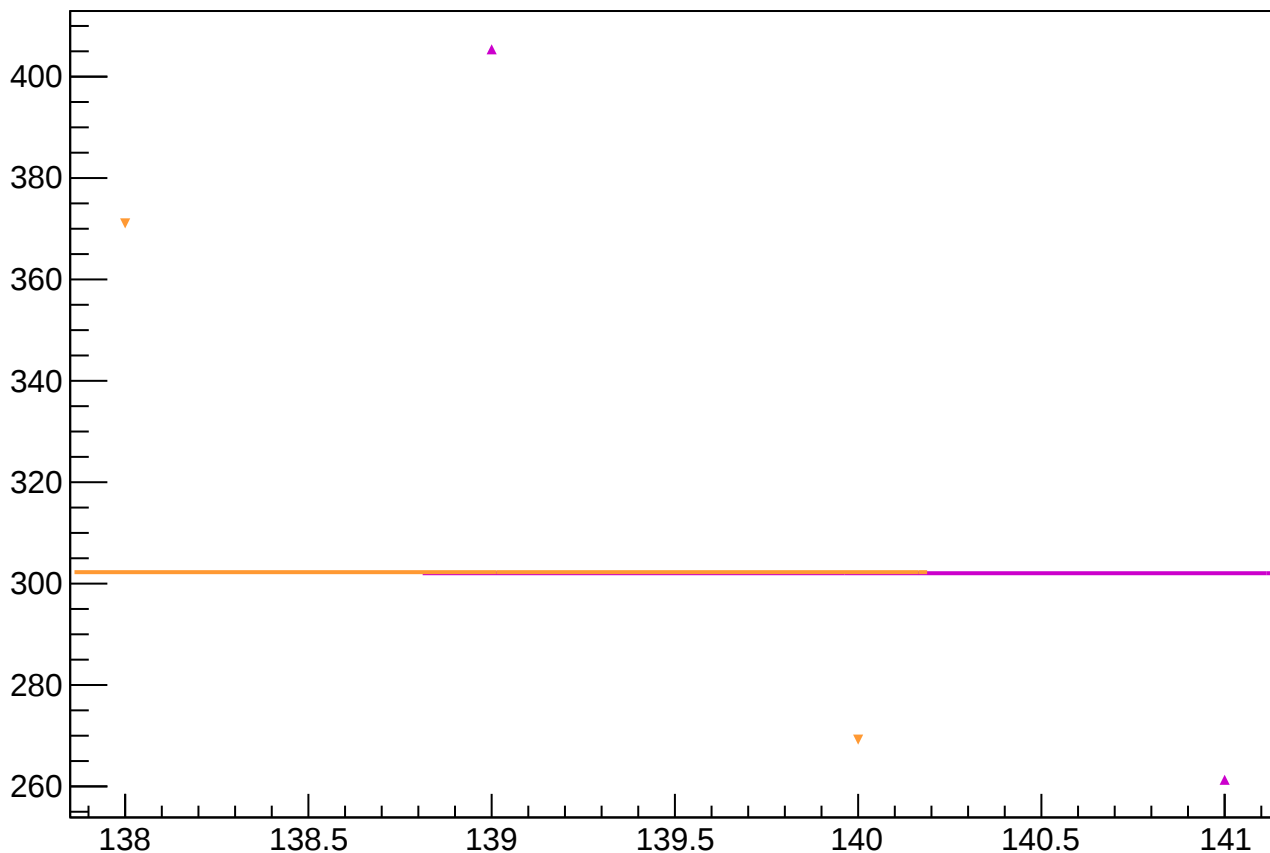
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.408+/-241.824 χ^2/NDF :1.9/1

Out: -412.176+/-249.050 χ^2/NDF :1.6/1

All: -99.957+/-173.494 χ^2/NDF : 6.5/3

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 302.050+/-0.171 χ^2/NDF : 144004.4/1

Left: 302.151+/-0.123 χ^2/NDF : 217282.7/3

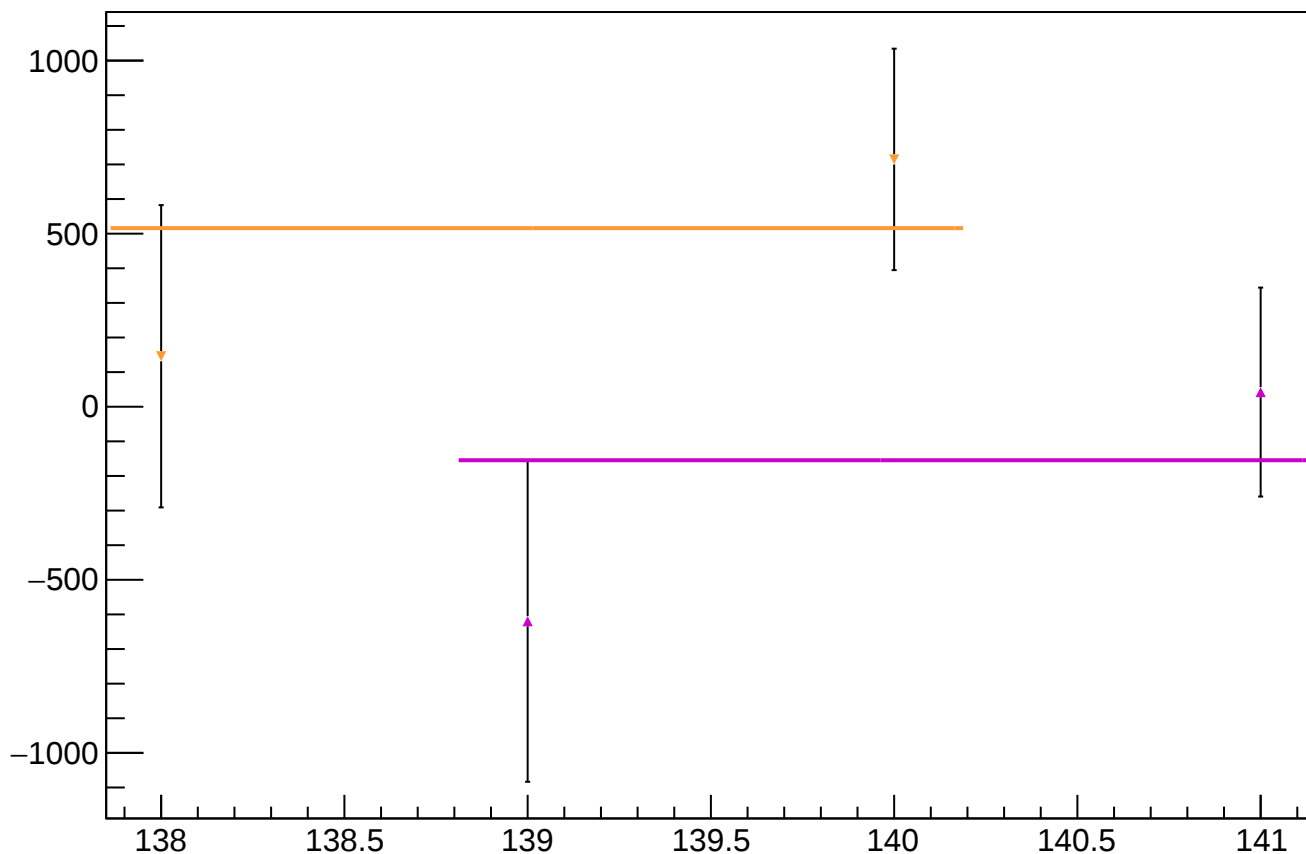
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 302.050+/-0.171 χ^2/NDF : 144004.4/1

Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

All: 302.151+/-0.123 χ^2/NDF : 217282.7/3

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 515.964+/-258.045 χ^2/NDF :1.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -154.583+/-252.986 χ^2/NDF :1.4/1

Left: 174.053+/-180.650 χ^2/NDF : 6.0/3

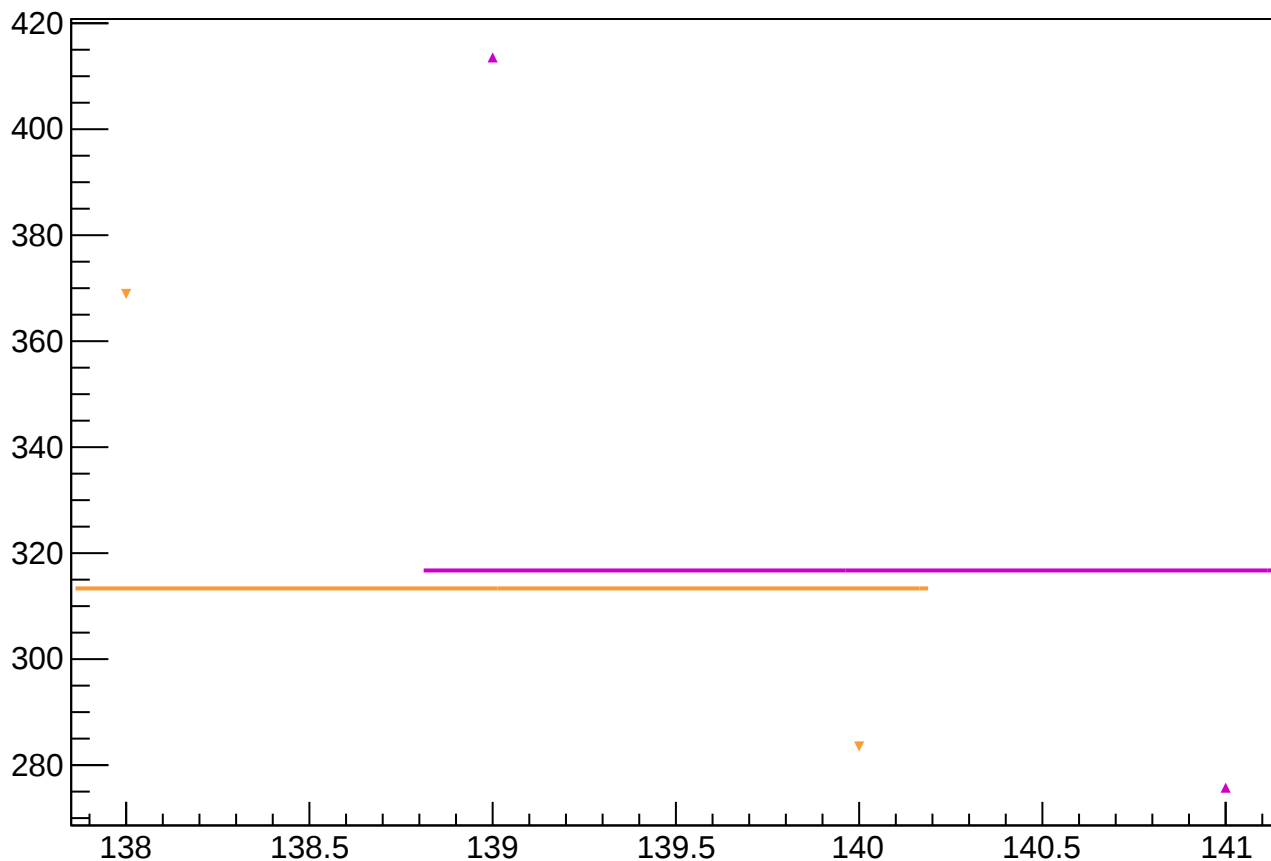
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -154.583+/-252.986 χ^2/NDF :1.4/1

Out: 515.964+/-258.045 χ^2/NDF :1.1/1

All: 174.053+/-180.650 χ^2/NDF : 6.0/3

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 313.343 $\pm$ 0.182 χ^2 /NDF:49780.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 316.734 $\pm$ 0.179 χ^2 /NDF:124015.0/1

Left: 315.072 $\pm$ 0.128 χ^2 /NDF: 173971.1/3

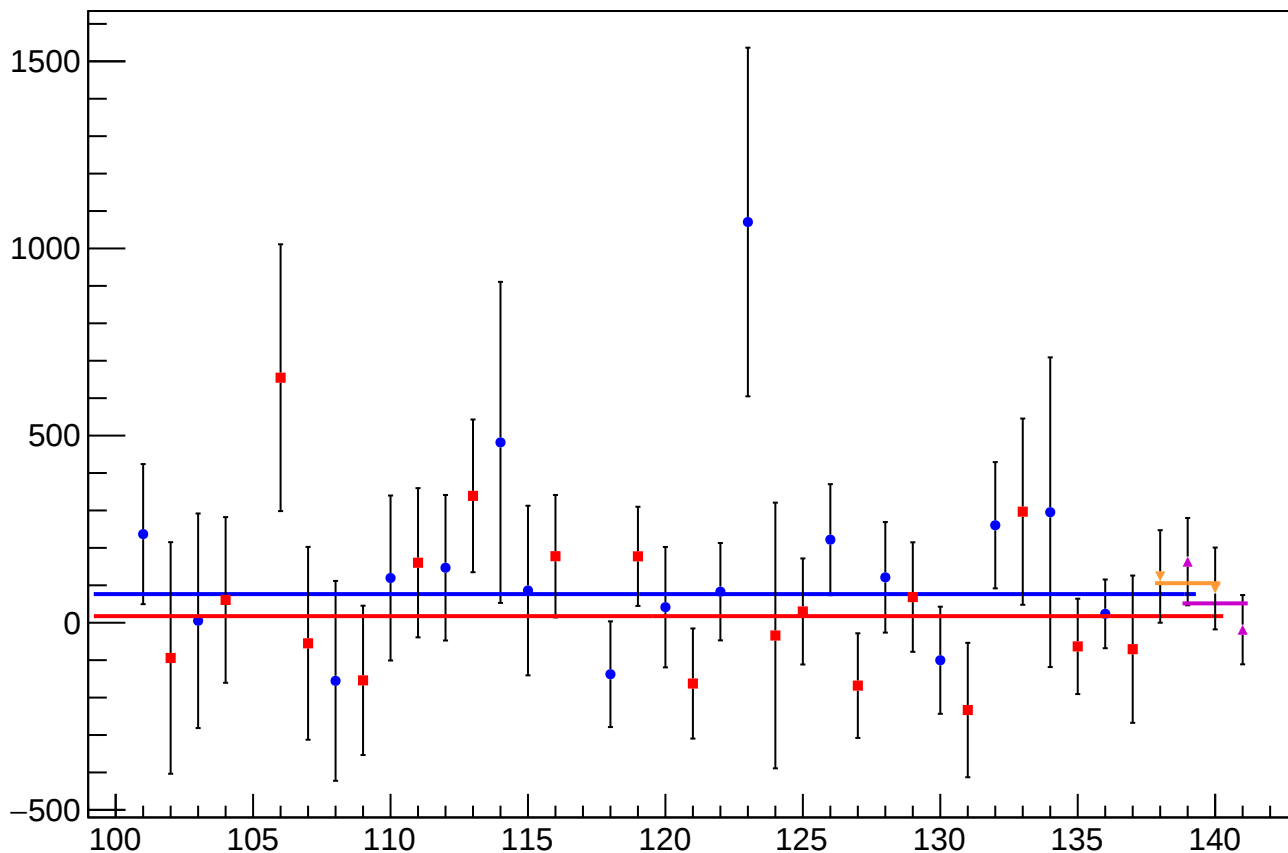
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 316.734 $\pm$ 0.179 χ^2 /NDF:124015.0/1

Out: 313.343 $\pm$ 0.182 χ^2 /NDF:49780.0/1

All: 315.072 $\pm$ 0.128 χ^2 /NDF: 173971.1/3

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 105.645+/-81.892 χ^2/NDF : 0.0/1

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 51.712+/-72.495 χ^2/NDF : 1.5/1

Left: 75.408+/-54.281 χ^2/NDF : 1.8/3

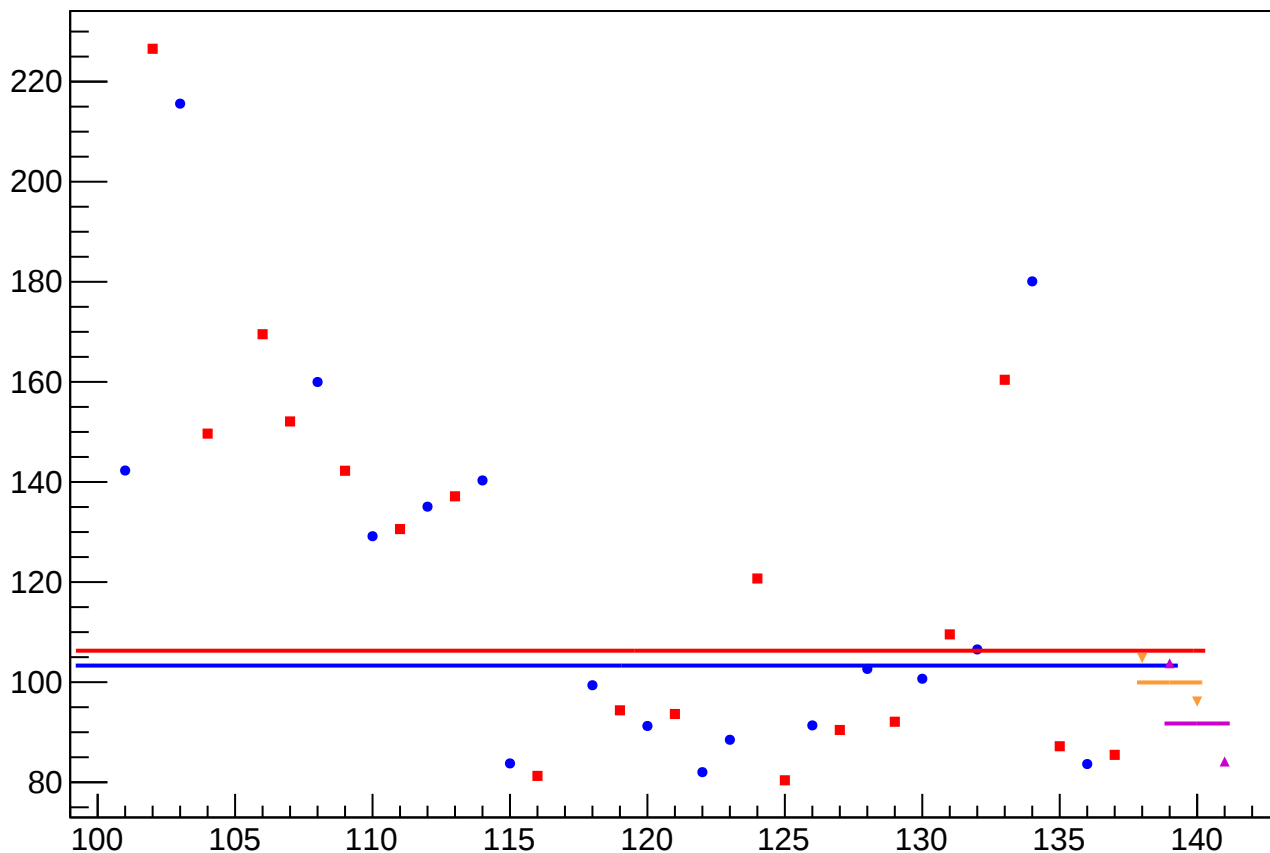
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 70.371+/-36.054 χ^2/NDF : 15.5/18

Out: 36.146+/-37.580 χ^2/NDF : 17.8/19

All: 53.968+/-26.017 χ^2/NDF : 33.7/38

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: 99.946 $\pm$ 0.058 χ^2 /NDF: 5546.6/1

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 91.744 $\pm$ 0.051 χ^2 /NDF: 34791.6/1

Left: 95.348 $\pm$ 0.038 χ^2 /NDF: 51584.9/3

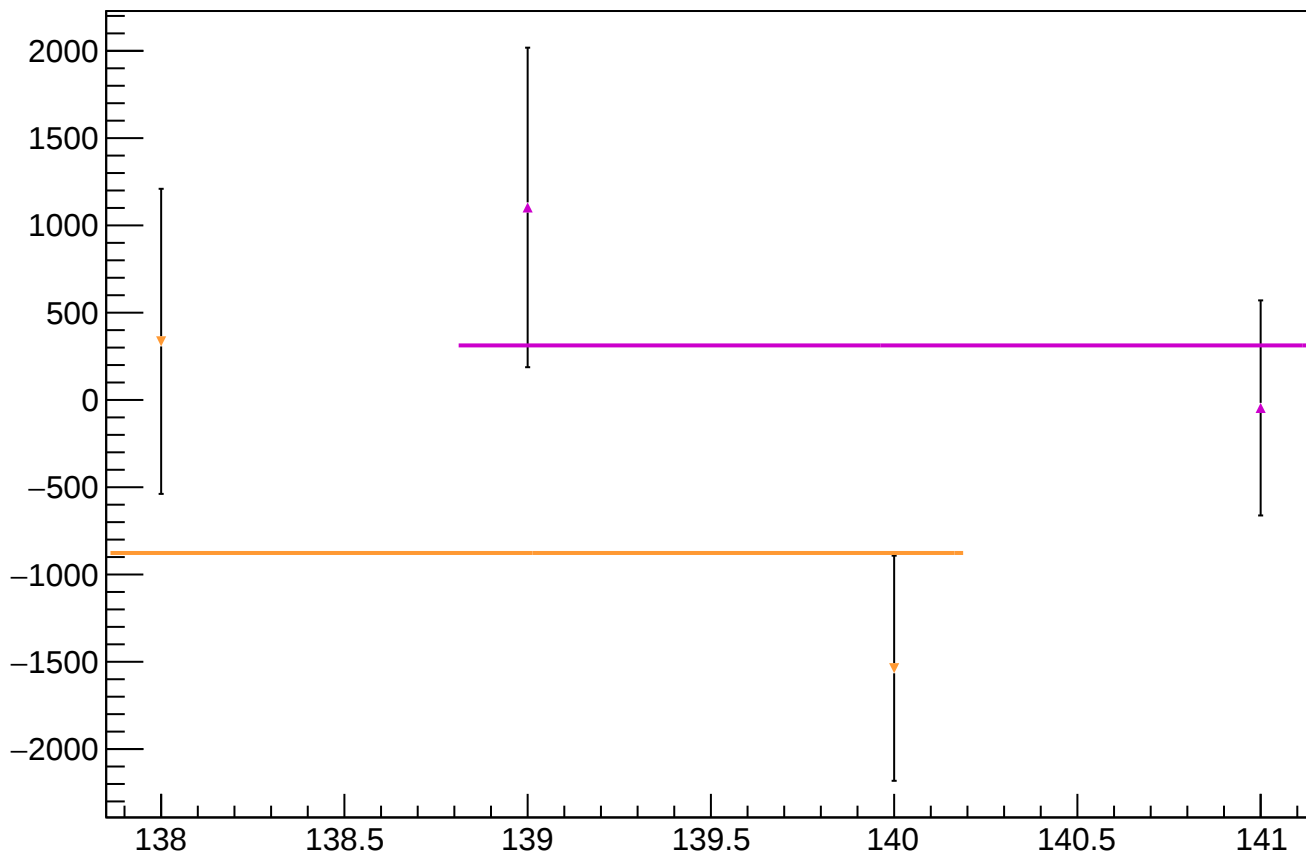
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.455 $\pm$ 0.025 χ^2 /NDF: 910959.6/18

Out: 104.953 $\pm$ 0.027 χ^2 /NDF: 1015727.1/19

All: 102.611 $\pm$ 0.018 χ^2 /NDF: 1941604.8/38

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -876.632+/-518.923 χ^2/NDF :3.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 312.454+/-511.091 χ^2/NDF :1.1/1

Left: -273.048+/-364.133 χ^2/NDF : 6.7/3

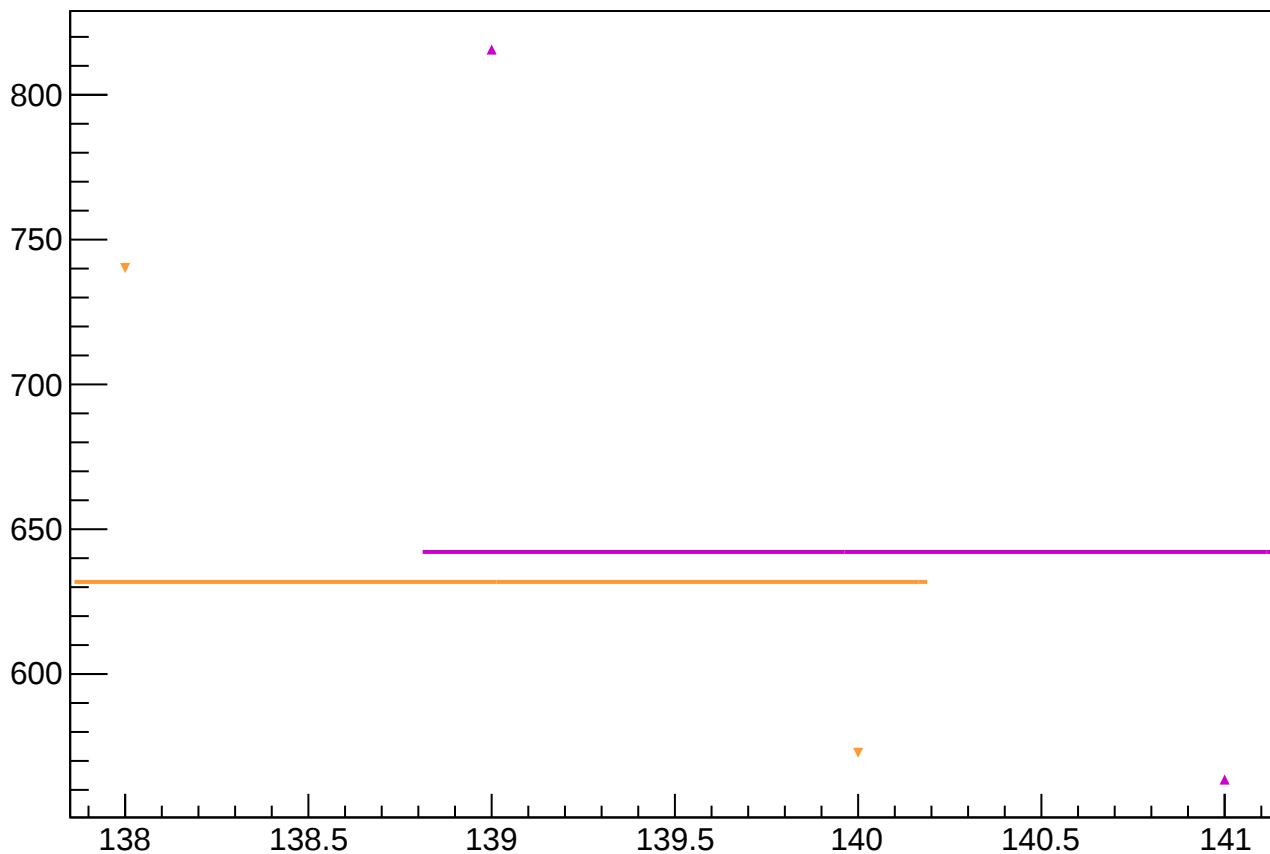
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 312.454+/-511.091 χ^2/NDF :1.1/1

Out: -876.632+/-518.923 χ^2/NDF :3.0/1

All: -273.048+/-364.133 χ^2/NDF : 6.7/3

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 642.164+/-0.361 χ^2/NDF : 104382.3/1

Left: 637.068+/-0.257 χ^2/NDF : 152285.5/3

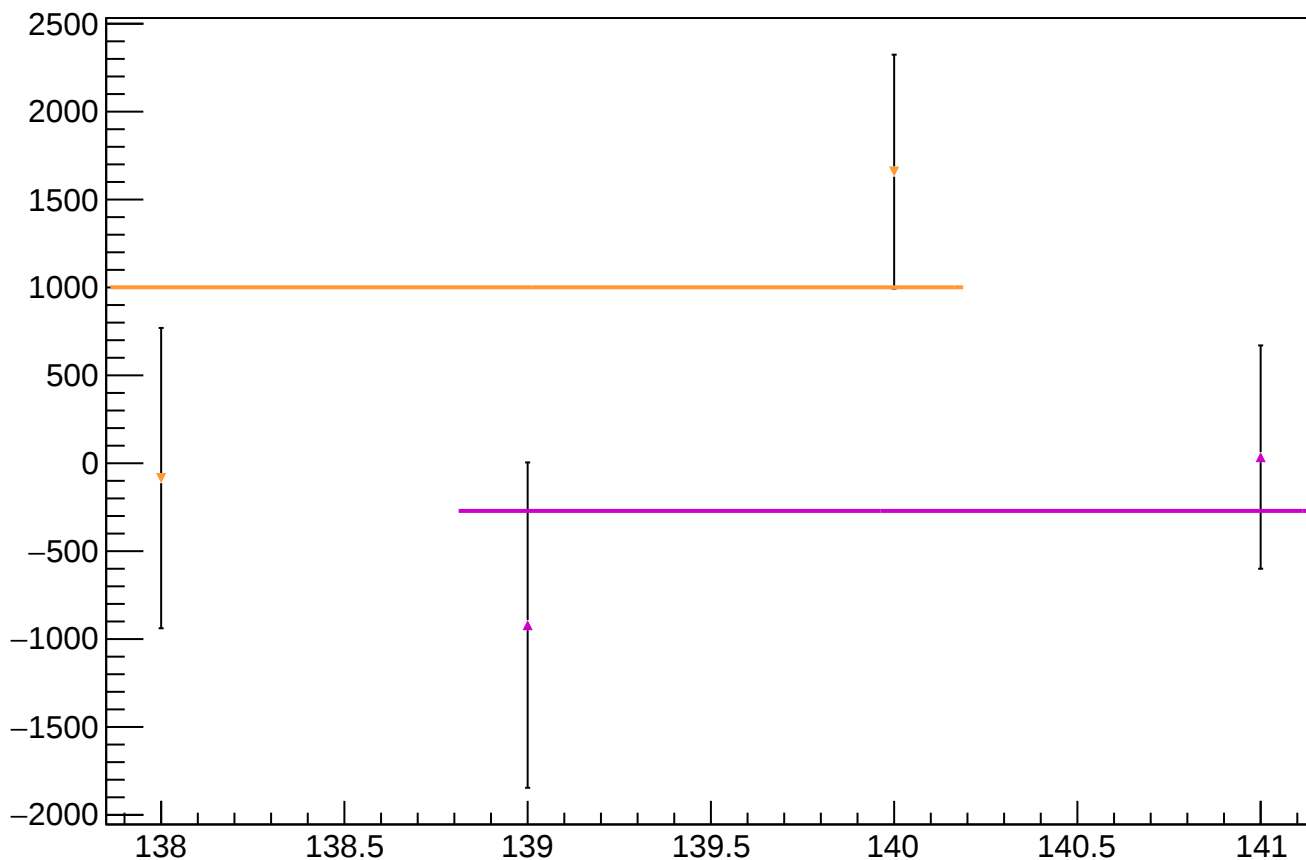
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.164+/-0.361 χ^2/NDF : 104382.3/1

Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

All: 637.068+/-0.257 χ^2/NDF : 152285.5/3

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -271.003+/-523.679 χ^2/NDF : 0.7/1

Left: 363.682+/-370.670 χ^2/NDF : 6.3/3

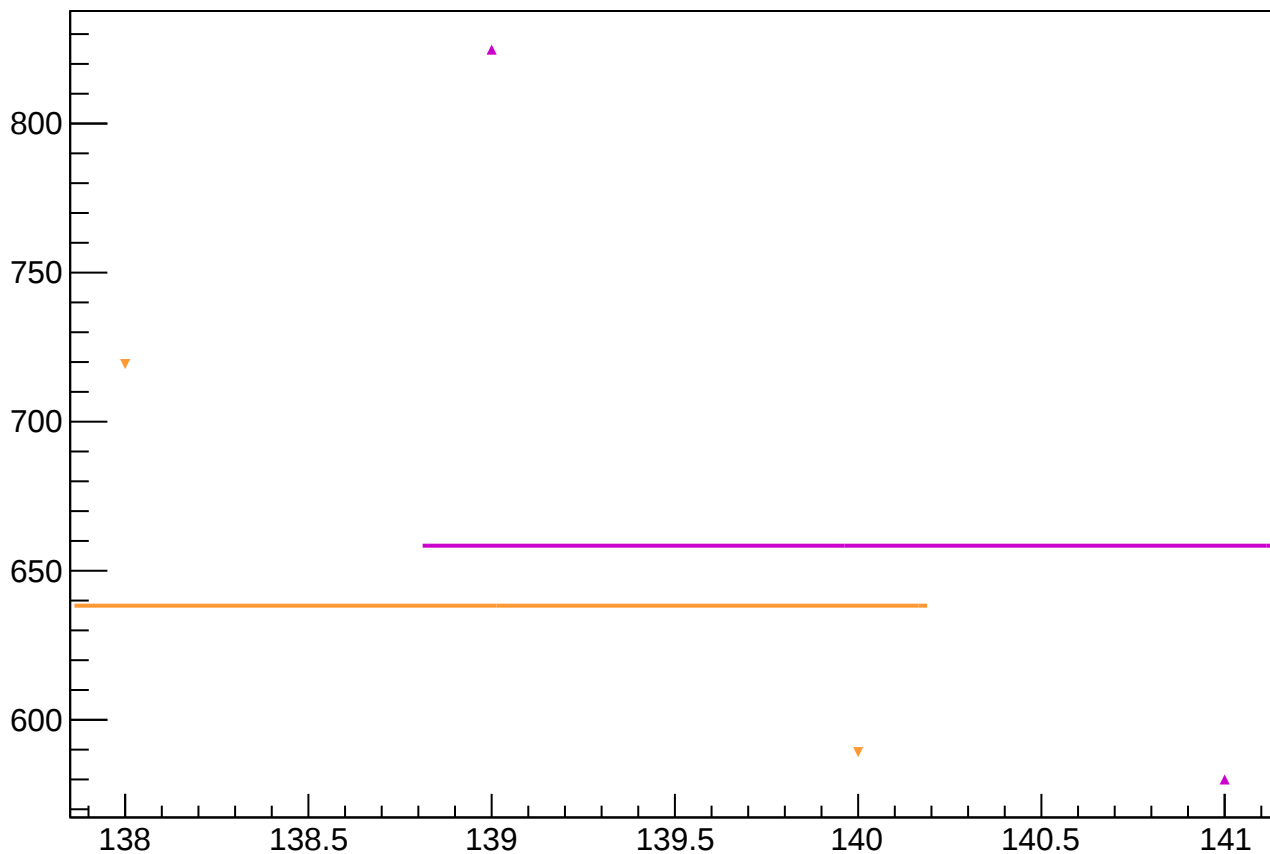
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -271.003+/-523.679 χ^2/NDF : 0.7/1

Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

All: 363.682+/-370.670 χ^2/NDF : 6.3/3

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 658.405+/-0.370 χ^2/NDF :95144.2/1

Left: 648.366+/-0.262 χ^2/NDF : 125536.0/3

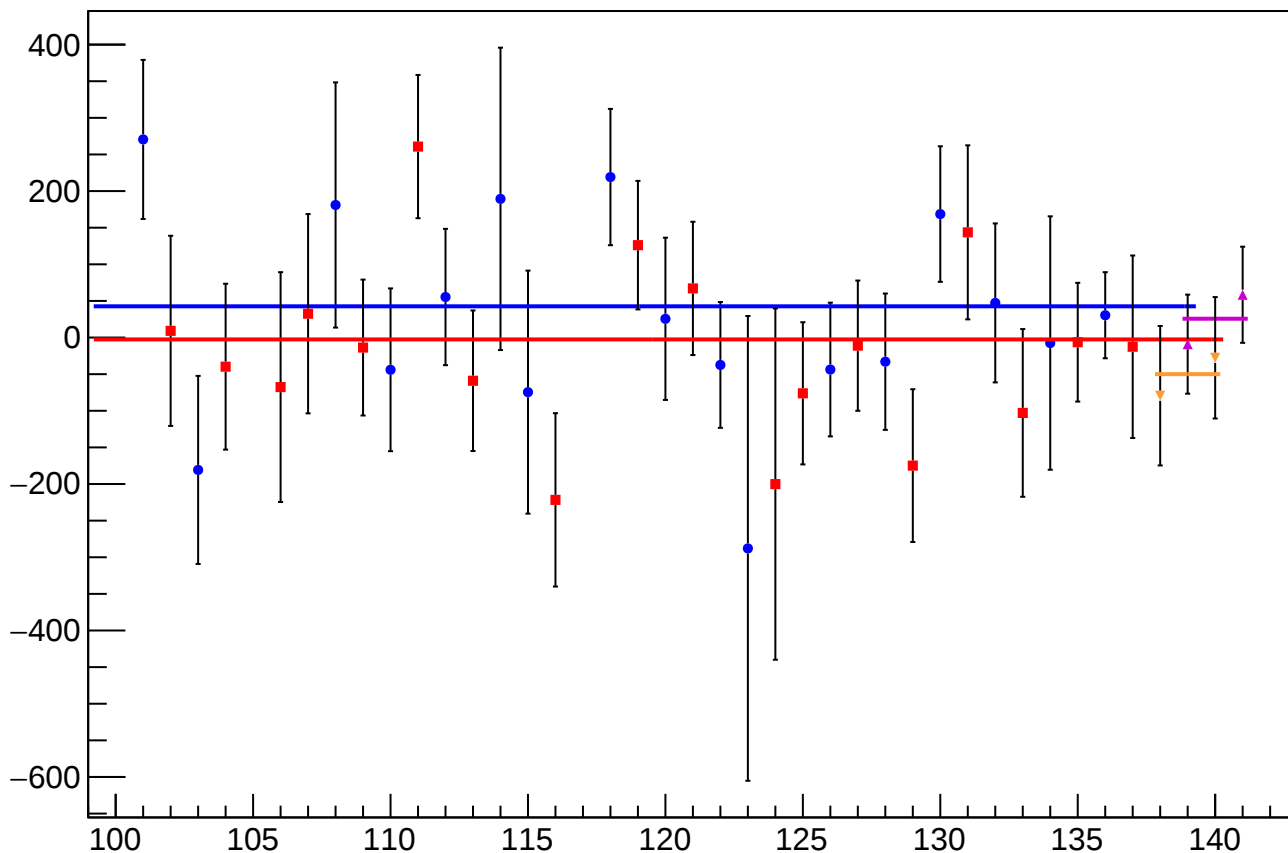
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 658.405+/-0.370 χ^2/NDF :95144.2/1

Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

All: 648.366+/-0.262 χ^2/NDF : 125536.0/3

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -49.961+/-62.529 χ^2/NDF : 0.2/1

Right Out: -2.576+/-25.088 χ^2/NDF : 20.4/17

Left In: 25.713+/-47.101 χ^2/NDF : 0.5/1

Left: -1.681+/-37.622 χ^2/NDF : 1.6/3

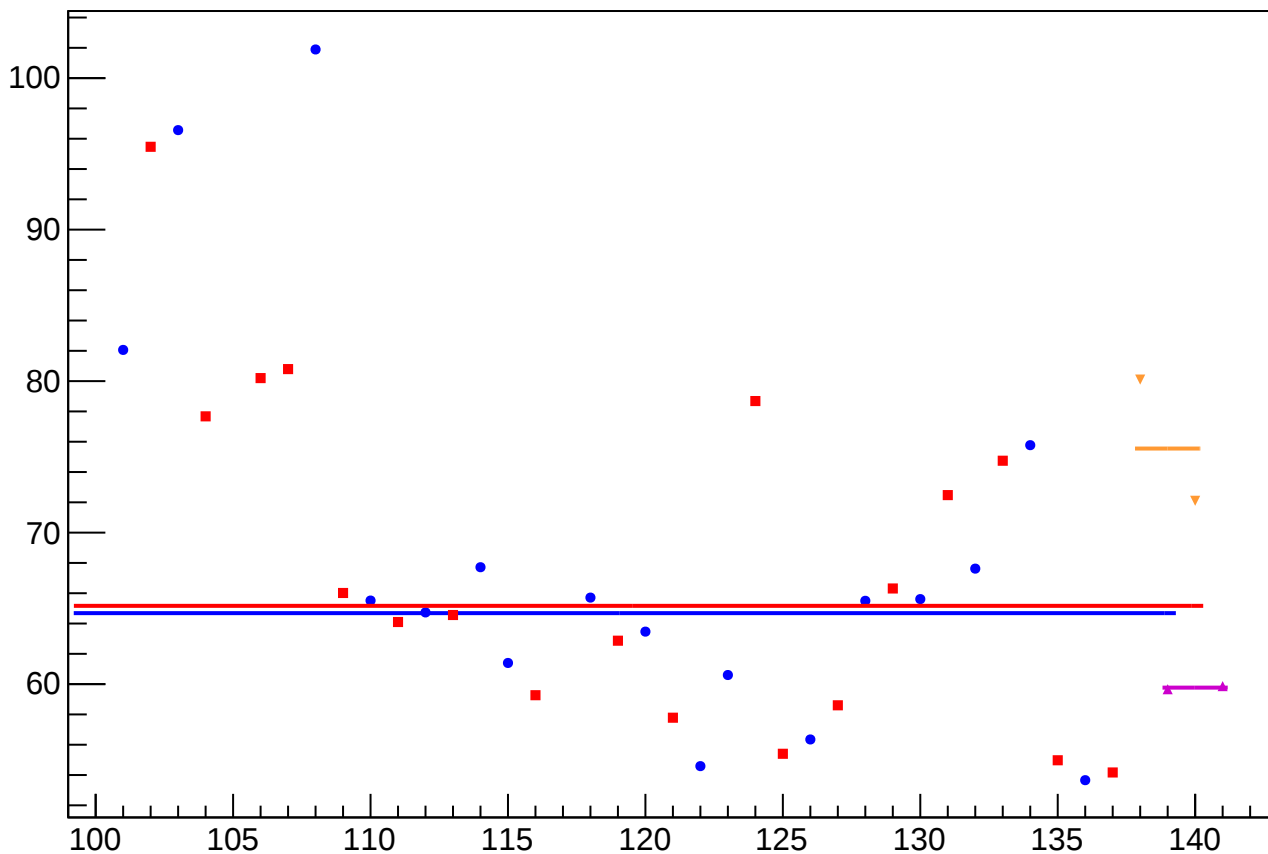
Right: 19.683+/-17.879 χ^2/NDF : 40.9/34

In: 38.817+/-22.415 χ^2/NDF : 19.5/18

Out: -9.146+/-23.284 χ^2/NDF : 21.1/19

All: 15.747+/-16.148 χ^2/NDF : 42.7/38

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 ± 0.018 χ^2/NDF : 400187.1/16

Left Out: 75.550 ± 0.044 χ^2/NDF : 8029.5/1

Right Out: 65.167 ± 0.018 χ^2/NDF : 304580.7/17

Left In: 59.769 ± 0.033 χ^2/NDF : 9.5/1

Left: 65.482 ± 0.027 χ^2/NDF : 89315.3/3

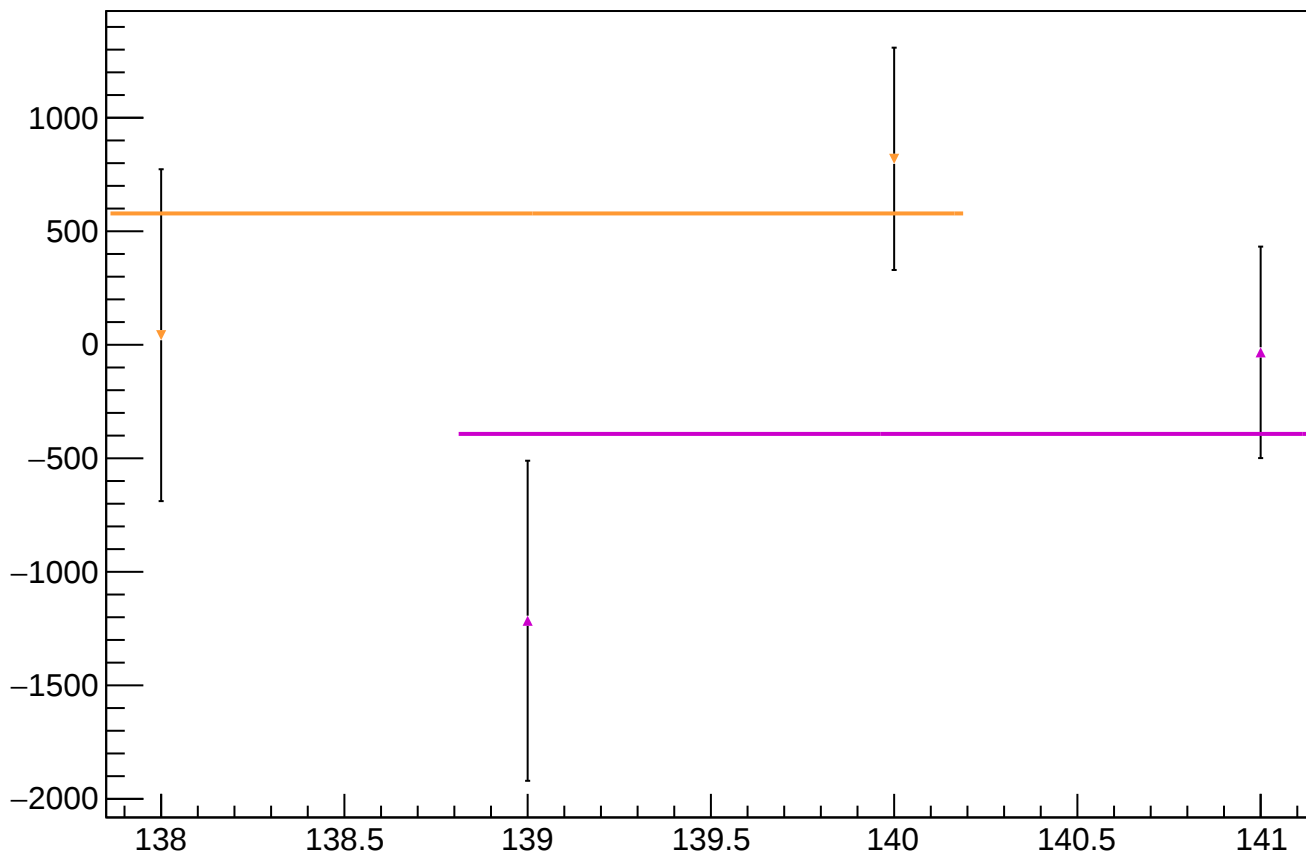
Right: 64.930 ± 0.013 χ^2/NDF : 705130.8/34

In: 63.572 ± 0.016 χ^2/NDF : 417052.1/18

Out: 66.607 ± 0.016 χ^2/NDF : 360109.6/19

All: 65.032 ± 0.011 χ^2/NDF : 794797.1/38

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 578.490 $\pm$ 406.757 χ^2 /NDF:0.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -392.534 $\pm$ 388.574 χ^2 /NDF:2.0/1

Left: 70.790 $\pm$ 280.971 χ^2 /NDF: 5.7/3

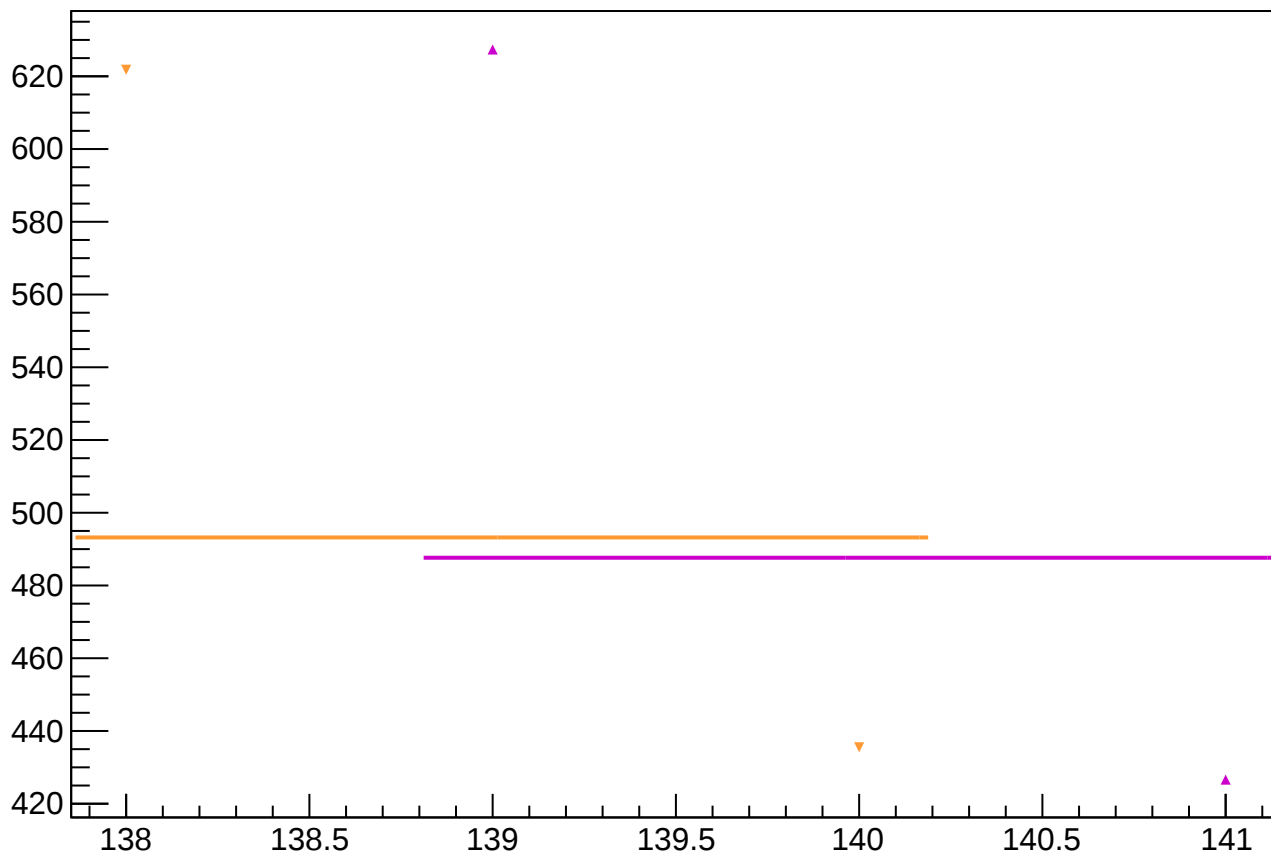
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -392.534 $\pm$ 388.574 χ^2 /NDF:2.0/1

Out: 578.490 $\pm$ 406.757 χ^2 /NDF:0.8/1

All: 70.790 $\pm$ 280.971 χ^2 /NDF: 5.7/3

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: 493.209+/-0.288 χ^2/NDF : 89692.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 487.632+/-0.275 χ^2/NDF : 112911.3/1

Left: 490.293+/-0.199 χ^2/NDF : 202800.2/3

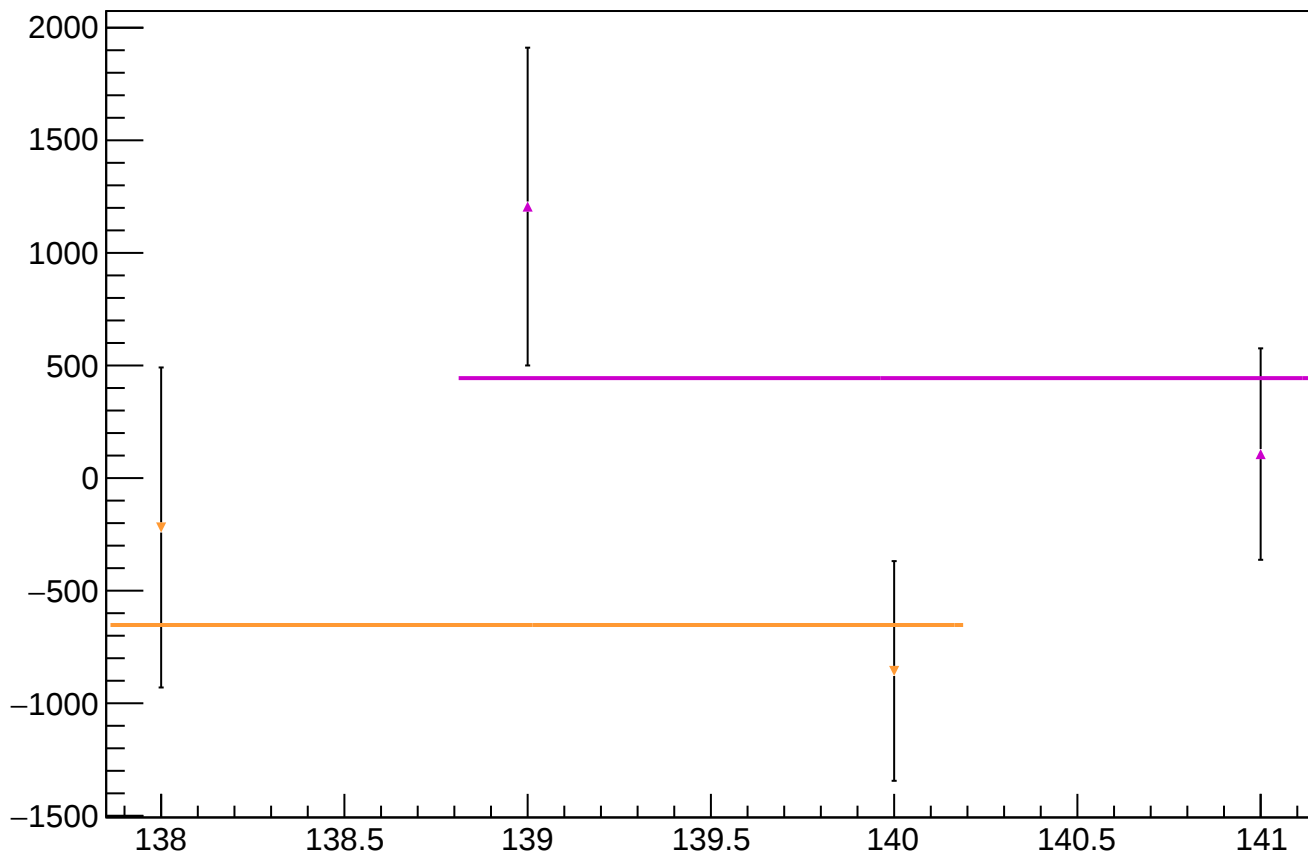
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.632+/-0.275 χ^2/NDF : 112911.3/1

Out: 493.209+/-0.288 χ^2/NDF : 89692.3/1

All: 490.293+/-0.199 χ^2/NDF : 202800.2/3

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left Out: -652.407 ± 402.161 $\chi^2/NDF: 0.5/1$

Right Out: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left In: 443.925 ± 390.883 $\chi^2/NDF: 1.7/1$

Left: -88.654 ± 280.298 $\chi^2/NDF: 6.0/3$

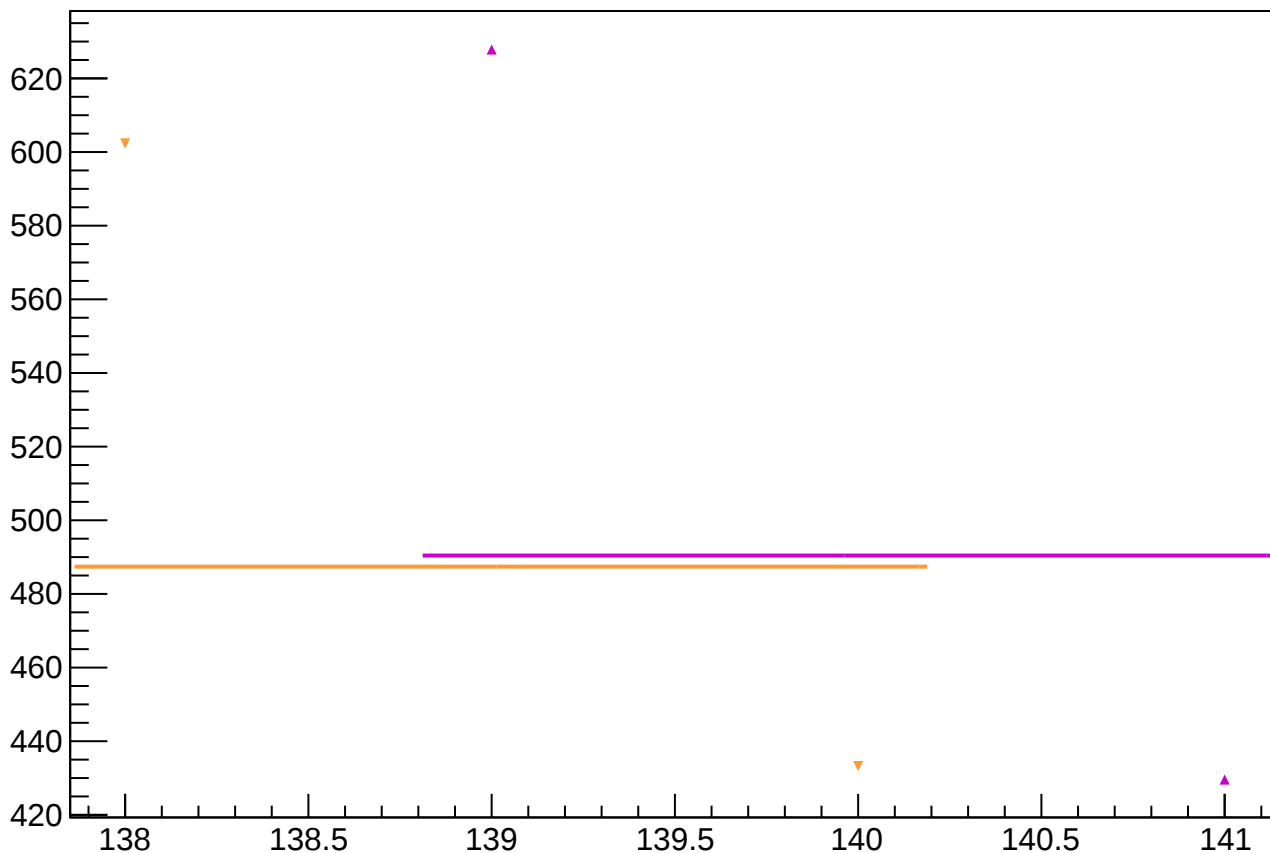
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: 443.925 ± 390.883 $\chi^2/NDF: 1.7/1$

Out: -652.407 ± 402.161 $\chi^2/NDF: 0.5/1$

All: -88.654 ± 280.298 $\chi^2/NDF: 6.0/3$

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 490.422+/-0.276 χ^2/NDF : 109434.8/1

Left: 488.960+/-0.198 χ^2/NDF : 186474.8/3

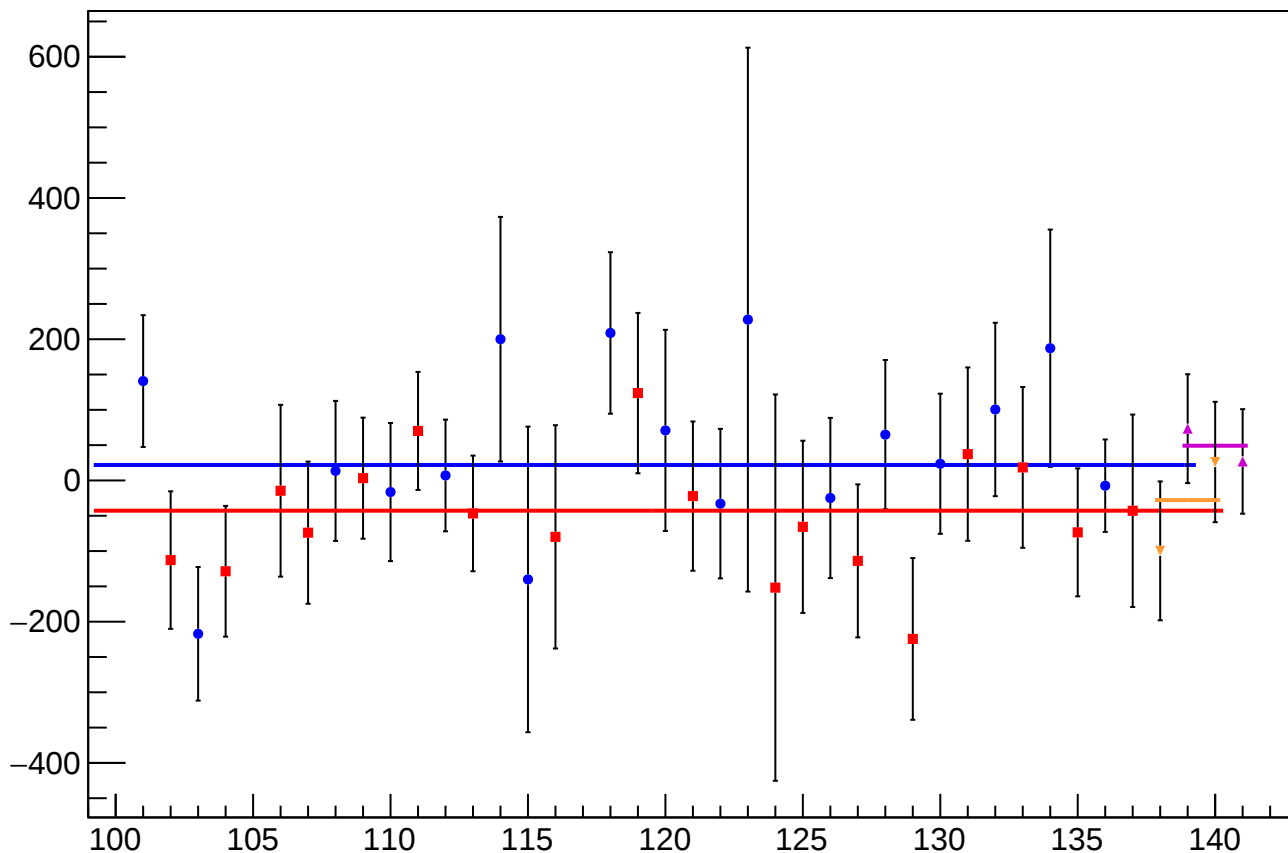
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.422+/-0.276 χ^2/NDF : 109434.8/1

Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

All: 488.960+/-0.198 χ^2/NDF : 186474.8/3

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: -27.846 $\pm$ 64.414 χ^2/NDF : 0.9/1

Right Out: -42.817 $\pm$ 25.116 χ^2/NDF : 9.9/17

Left In: 49.193 $\pm$ 53.398 χ^2/NDF : 0.2/1

Left: 17.815 $\pm$ 41.109 χ^2/NDF : 2.0/3

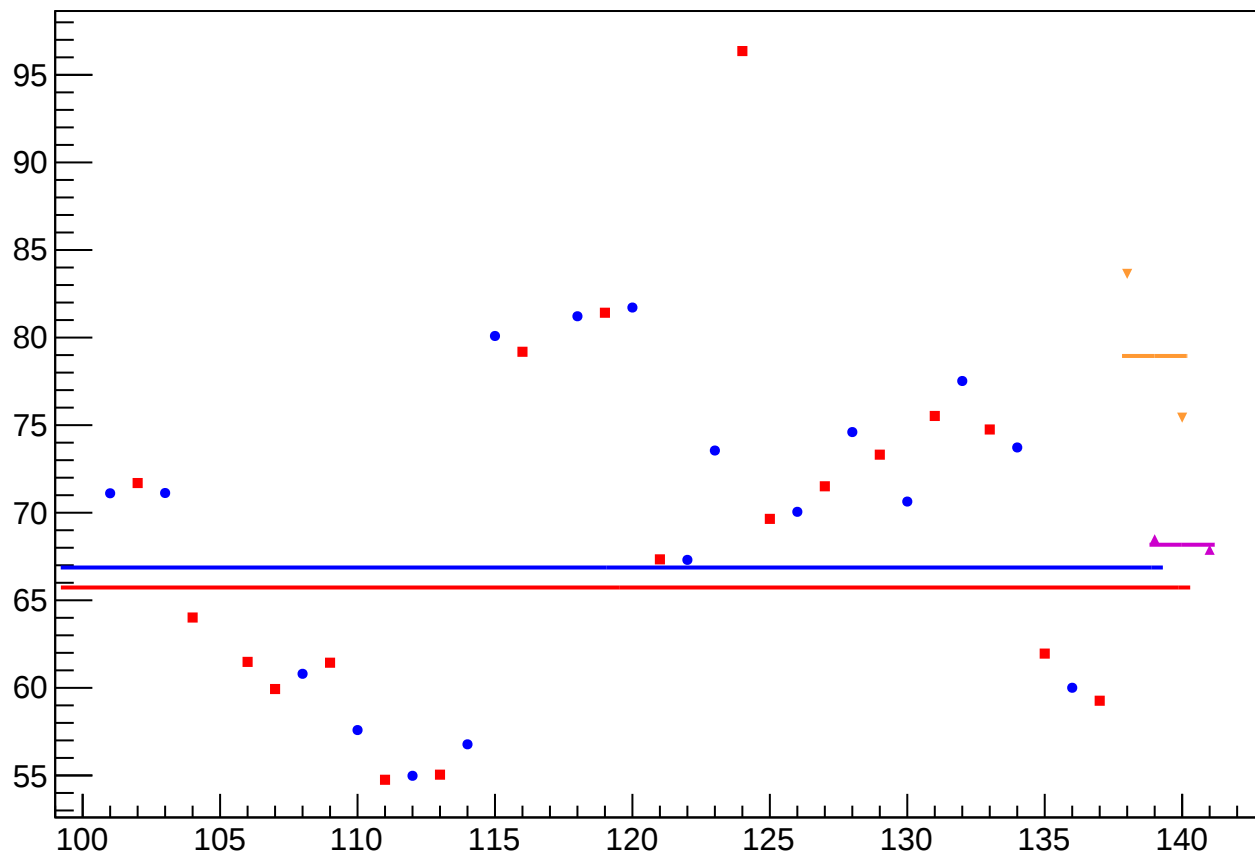
Right: -11.642 $\pm$ 18.082 χ^2/NDF : 28.1/34

In: 27.155 $\pm$ 23.416 χ^2/NDF : 15.5/18

Out: -40.841 $\pm$ 23.400 χ^2/NDF : 10.8/19

All: -6.866 $\pm$ 16.552 χ^2/NDF : 30.5/38

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: 78.950 $\pm$ 0.046 χ^2 /NDF: 7959.9/1

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 68.172 $\pm$ 0.038 χ^2 /NDF: 63.6/1

Left: 72.562 $\pm$ 0.029 χ^2 /NDF: 41208.2/3

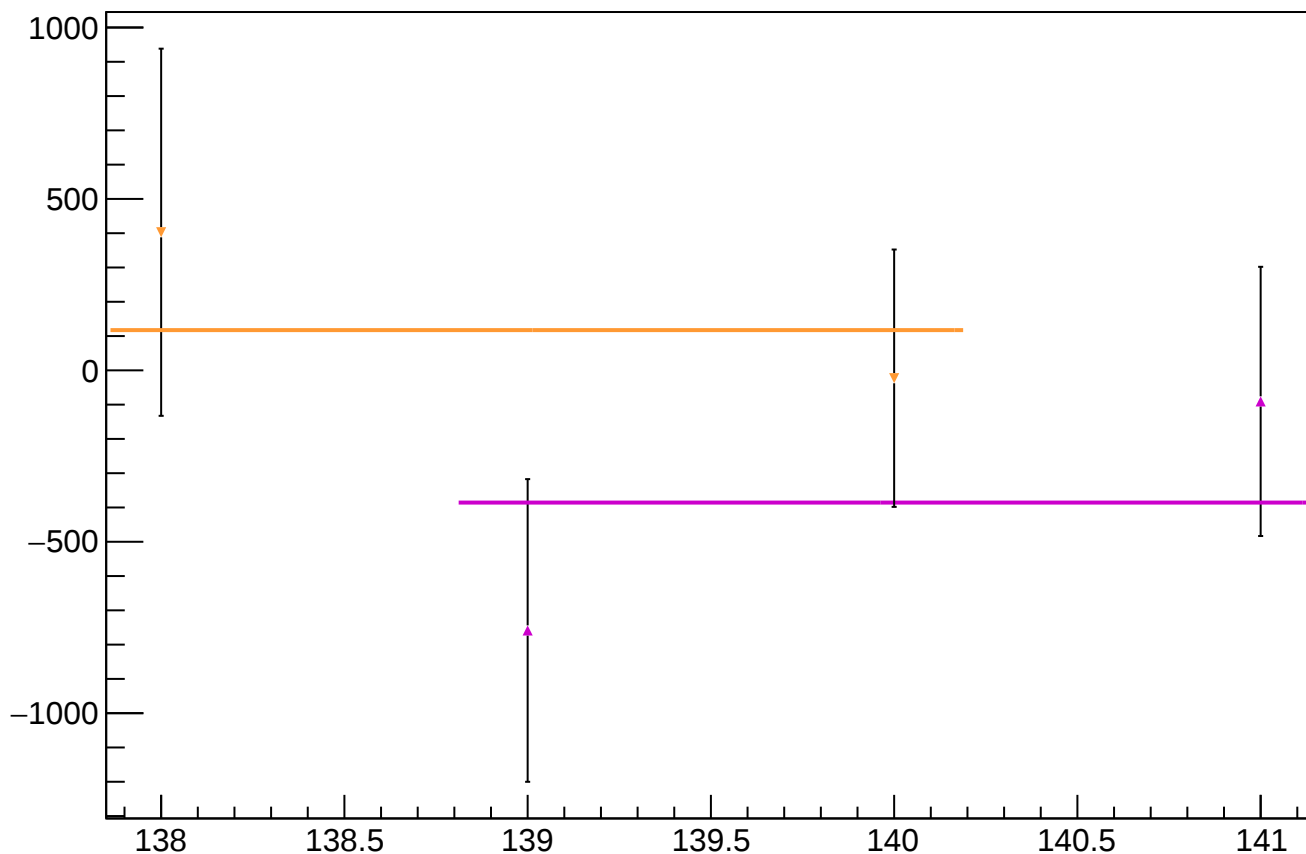
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 67.122 $\pm$ 0.017 χ^2 /NDF: 203537.1/18

Out: 67.475 $\pm$ 0.017 χ^2 /NDF: 299945.6/19

All: 67.299 $\pm$ 0.012 χ^2 /NDF: 503710.1/38

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 117.338 $\pm$ 307.337 χ^2/NDF : 0.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -385.690 $\pm$ 293.361 χ^2/NDF : 1.3/1

Left: -145.873 $\pm$ 212.206 χ^2/NDF : 3.1/3

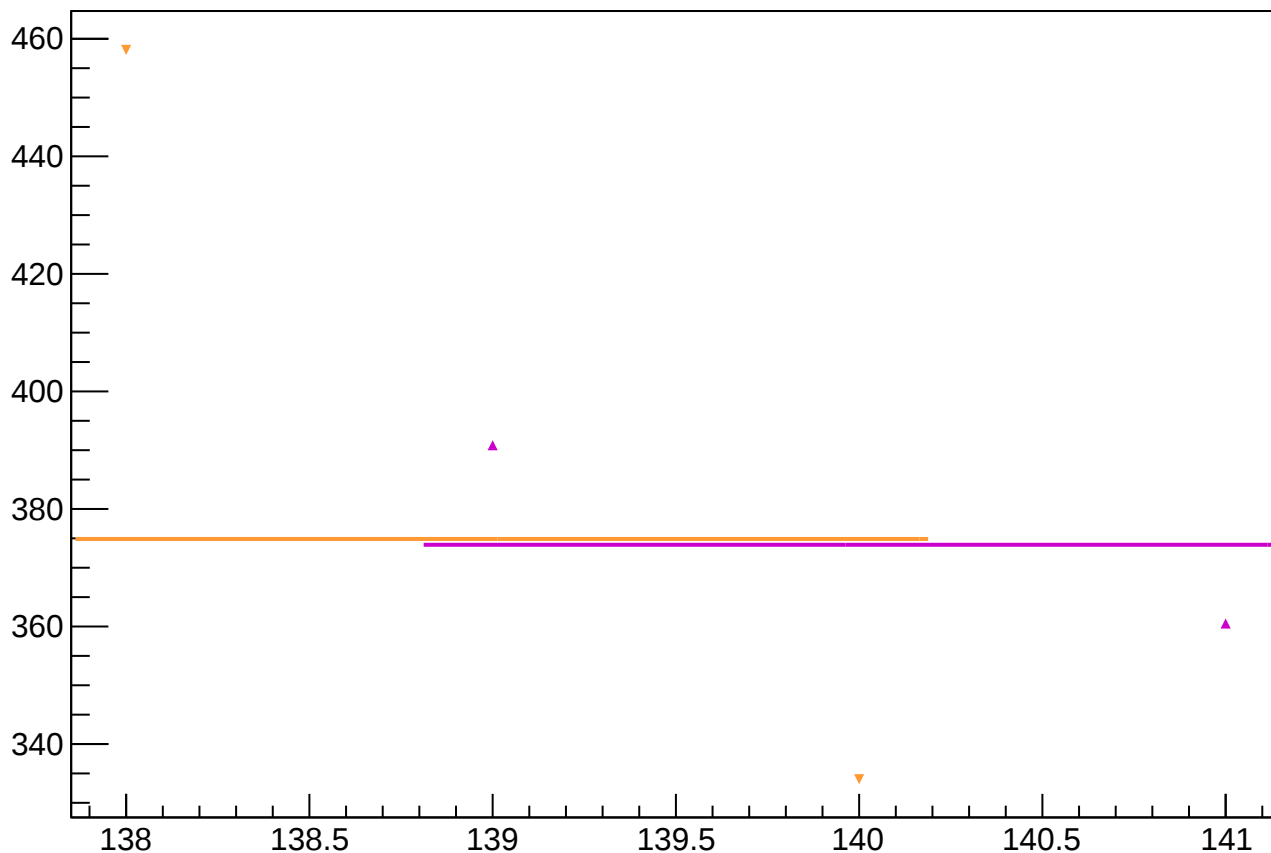
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -385.690 $\pm$ 293.361 χ^2/NDF : 1.3/1

Out: 117.338 $\pm$ 307.337 χ^2/NDF : 0.4/1

All: -145.873 $\pm$ 212.206 χ^2/NDF : 3.1/3

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: 374.895+/-0.217 χ^2/NDF : 72036.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Left: 374.378+/-0.150 χ^2/NDF : 77320.2/3

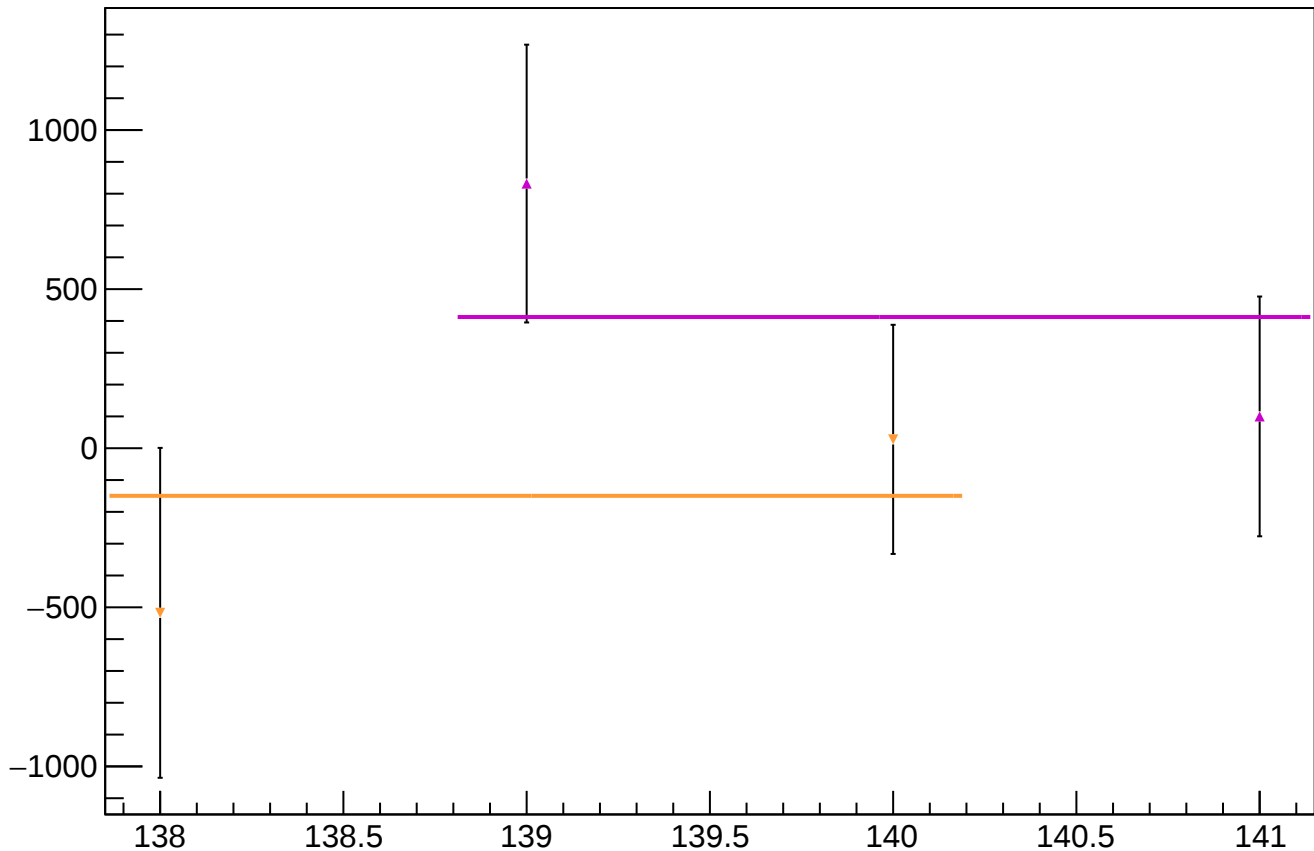
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Out: 374.895+/-0.217 χ^2/NDF : 72036.8/1

All: 374.378+/-0.150 χ^2/NDF : 77320.2/3

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -149.584+/-295.724 χ^2/NDF : 0.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.402+/-285.228 χ^2/NDF : 1.6/1

Left: 141.559+/-205.297 χ^2/NDF : 4.2/3

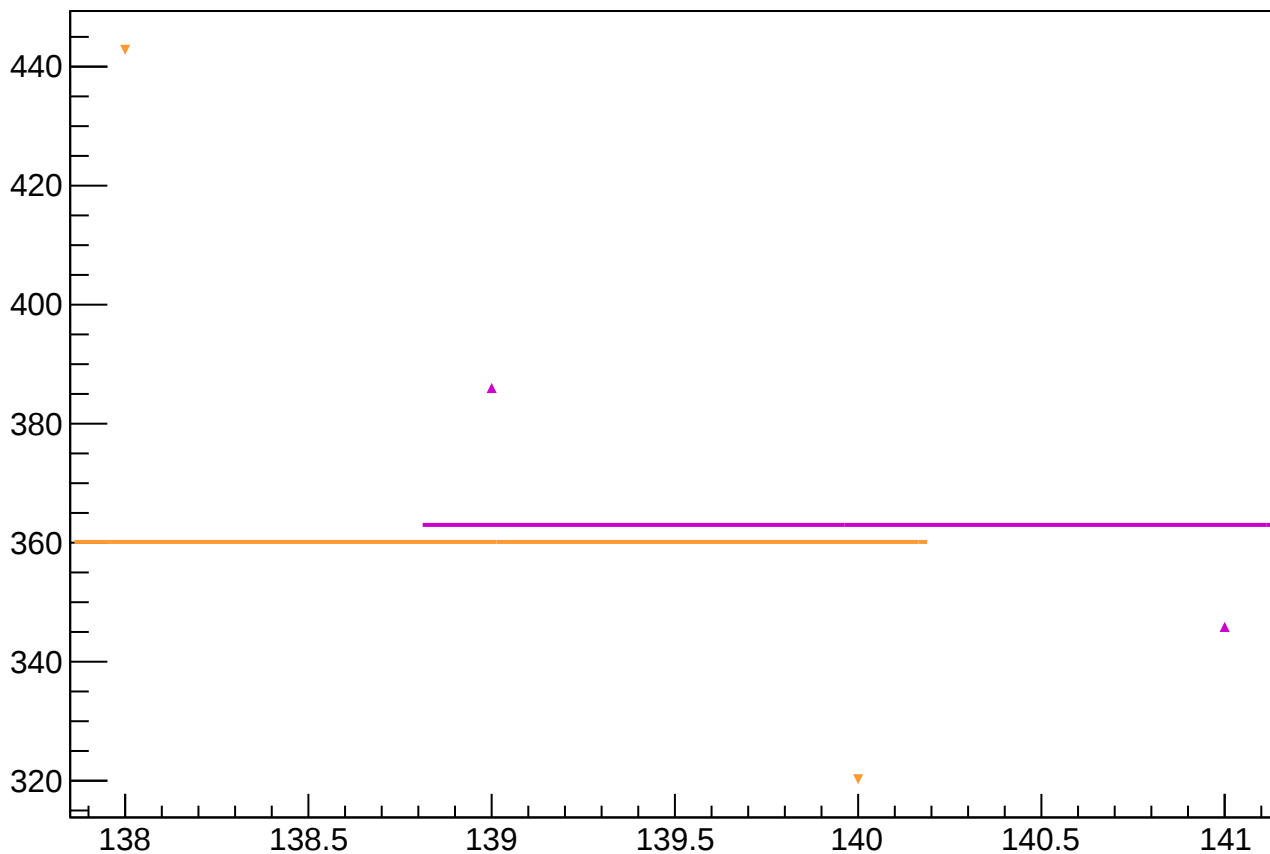
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.402+/-285.228 χ^2/NDF : 1.6/1

Out: -149.584+/-295.724 χ^2/NDF : 0.7/1

All: 141.559+/-205.297 χ^2/NDF : 4.2/3

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Left: 361.611+/-0.145 χ^2/NDF : 85222.8/3

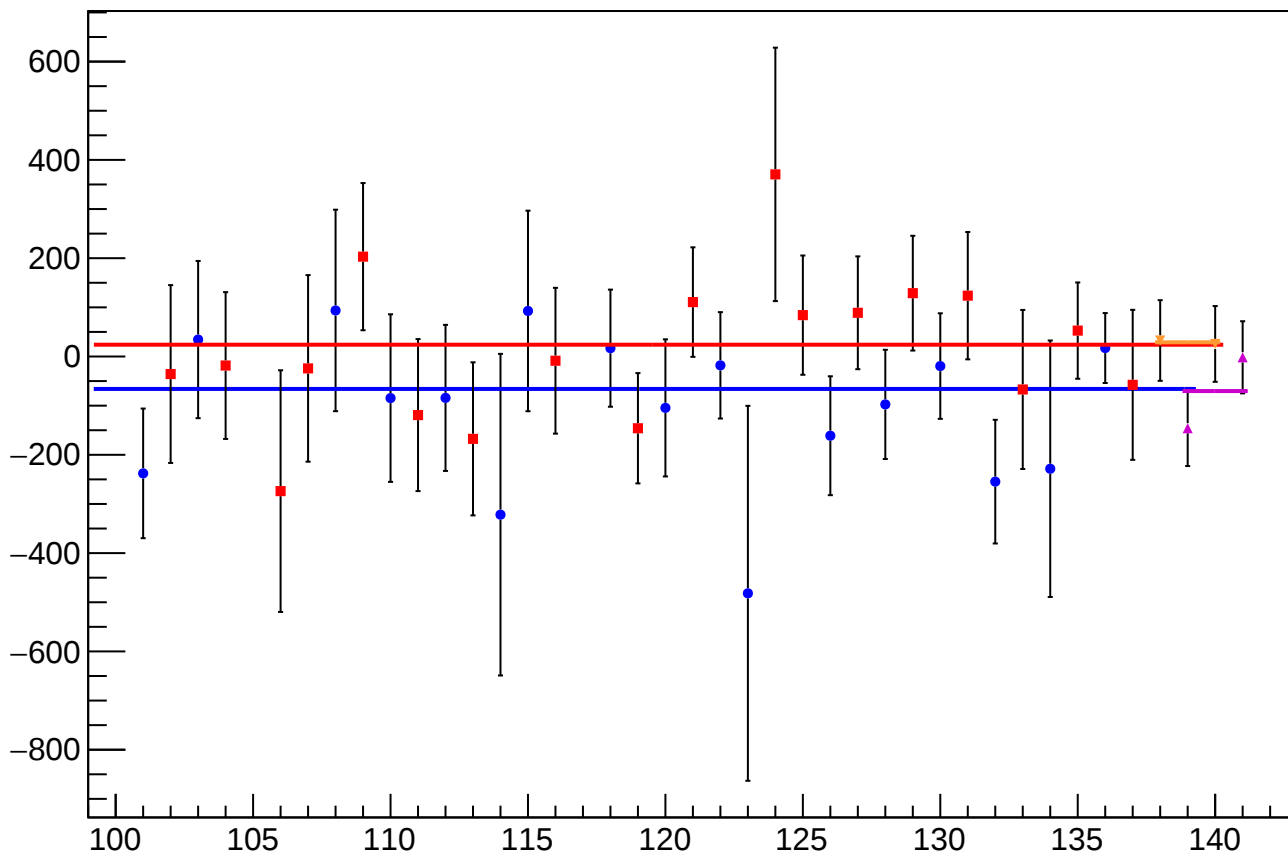
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

All: 361.611+/-0.145 χ^2/NDF : 85222.8/3

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: 28.840 ± 56.176 χ^2/NDF : 0.0/1

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -70.300 ± 53.115 χ^2/NDF : 1.8/1

Left: -23.505 ± 38.595 χ^2/NDF : 3.5/3

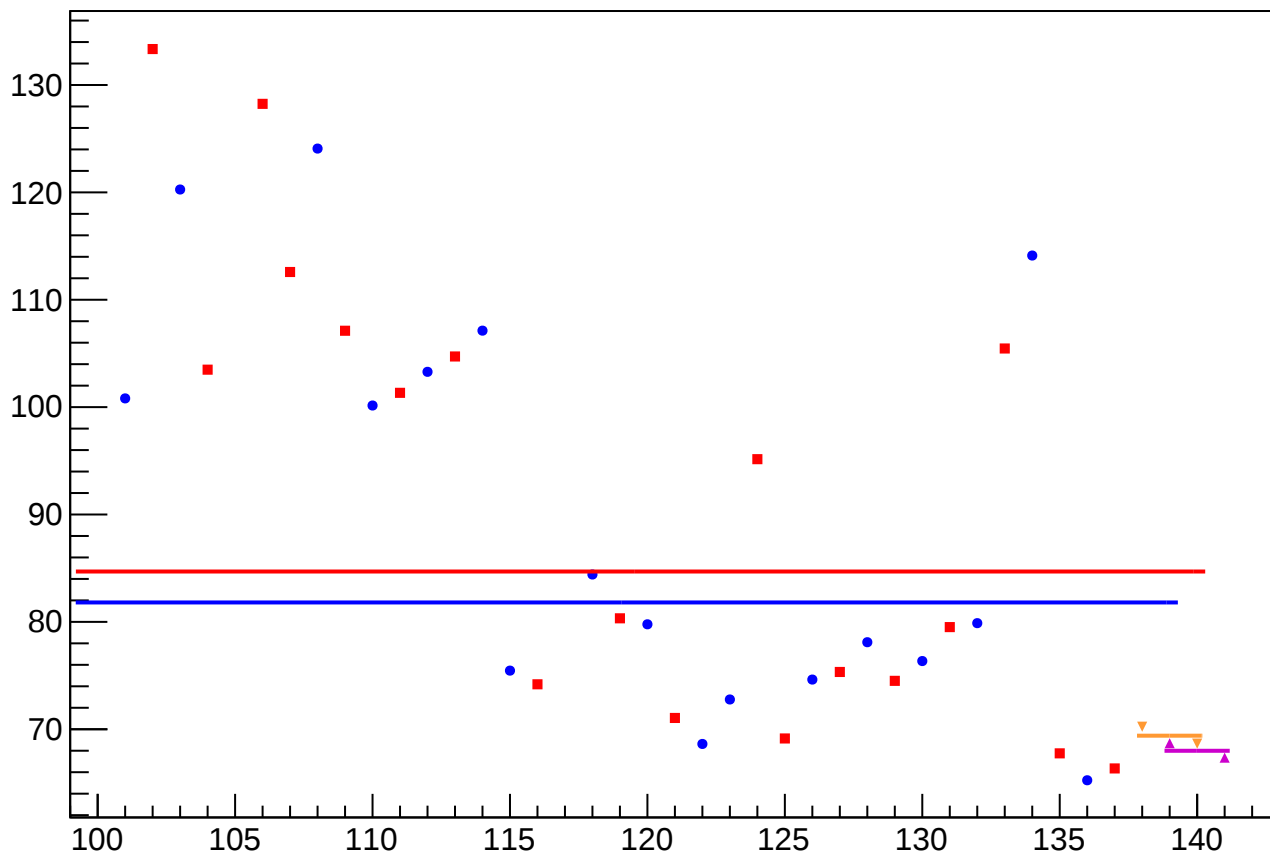
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -67.142 ± 27.591 χ^2/NDF : 12.6/18

Out: 25.215 ± 28.319 χ^2/NDF : 12.9/19

All: -22.165 ± 19.762 χ^2/NDF : 31.0/38

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 χ^2/NDF : 507195.8/16

Left Out: 69.401 ± 0.040 χ^2/NDF : 391.6/1

Right Out: 84.691 ± 0.023 χ^2/NDF : 615927.4/17

Left In: 67.995 ± 0.038 χ^2/NDF : 318.9/1

Left: 68.659 ± 0.027 χ^2/NDF : 1372.1/3

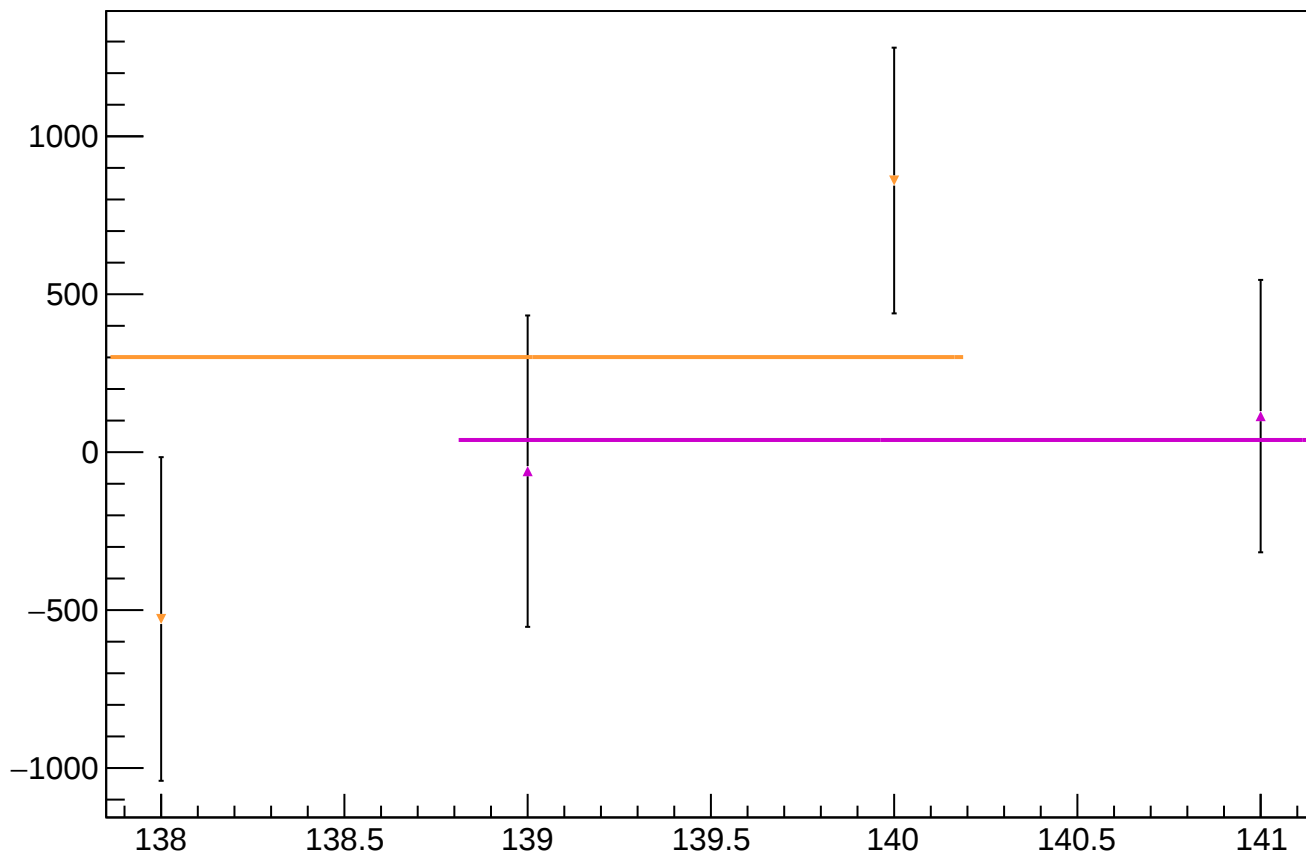
Right: 83.228 ± 0.016 χ^2/NDF : 1130968.2/34

In: 78.081 ± 0.020 χ^2/NDF : 606286.5/18

Out: 80.805 ± 0.020 χ^2/NDF : 726826.1/19

All: 79.408 ± 0.014 χ^2/NDF : 1342607.0/38

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: 301.066+/-325.106 χ^2/NDF : 4.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Left: 169.606+/-229.688 χ^2/NDF : 4.8/3

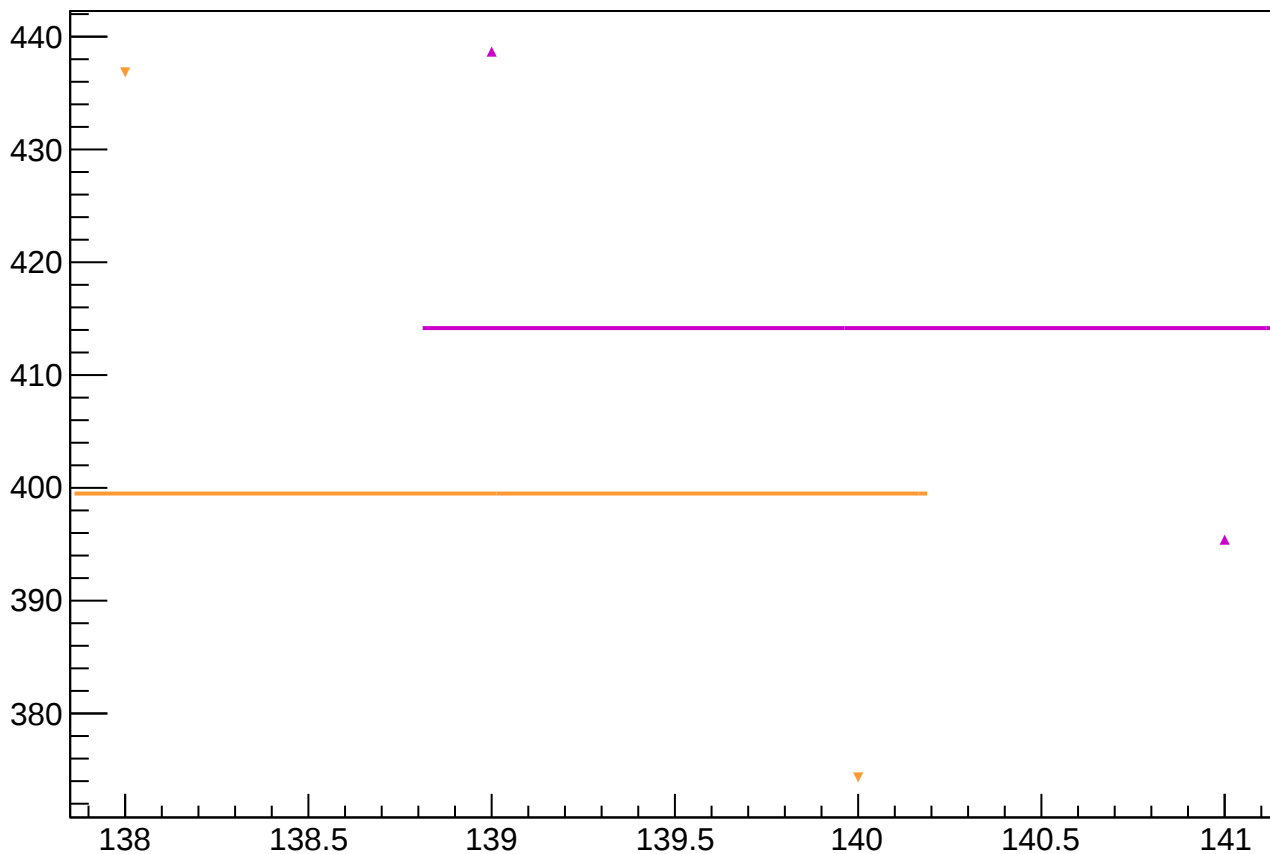
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Out: 301.066+/-325.106 χ^2/NDF : 4.4/1

All: 169.606+/-229.688 χ^2/NDF : 4.8/3

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: 399.496+/-0.230 χ^2/NDF :17781.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 414.164+/-0.229 χ^2/NDF :8729.8/1

Left: 406.843+/-0.162 χ^2/NDF : 28550.4/3

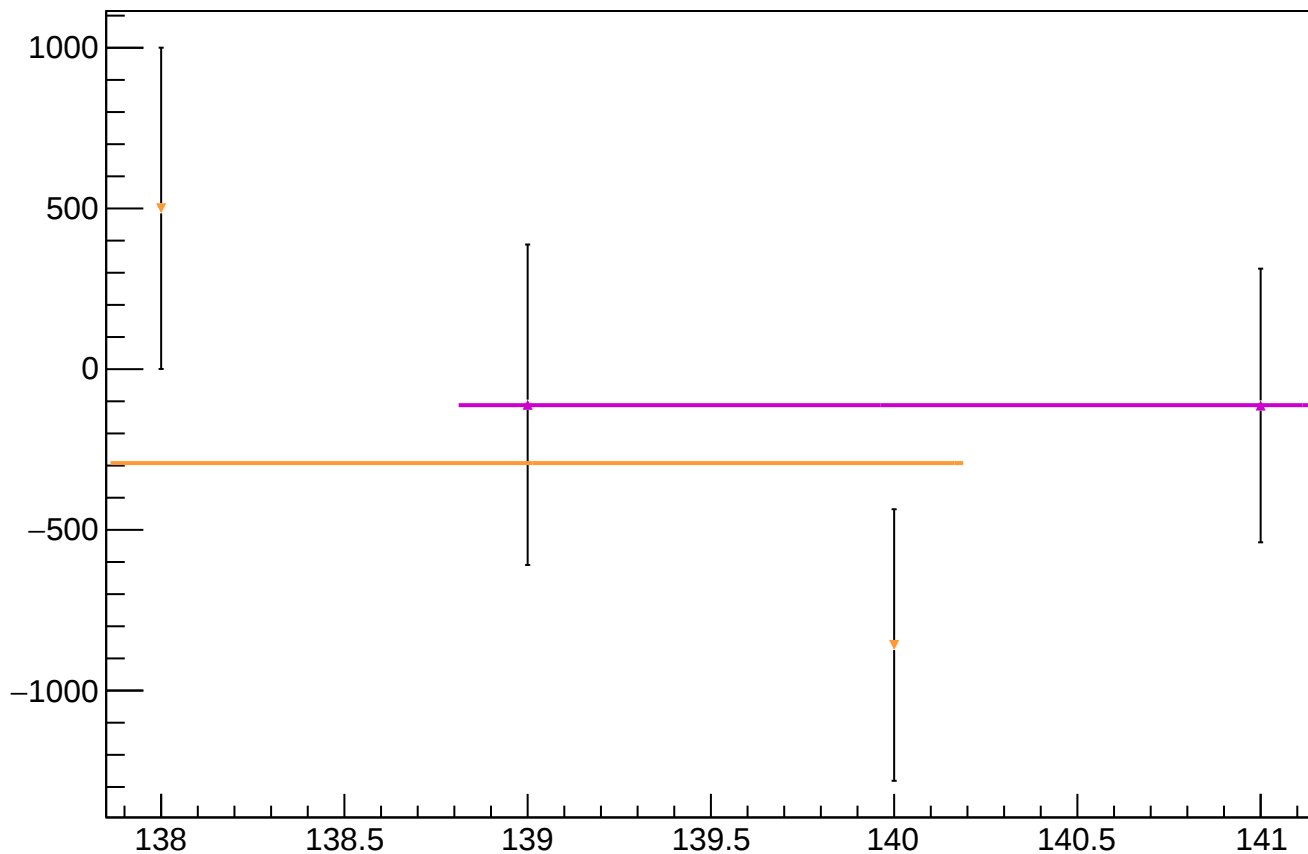
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 414.164+/-0.229 χ^2/NDF :8729.8/1

Out: 399.496+/-0.230 χ^2/NDF :17781.4/1

All: 406.843+/-0.162 χ^2/NDF : 28550.4/3

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -292.206 $\pm$ 322.659 χ^2 /NDF:4.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -112.035 $\pm$ 323.757 χ^2 /NDF:0.0/1

Left: -202.426 $\pm$ 228.542 χ^2 /NDF: 4.5/3

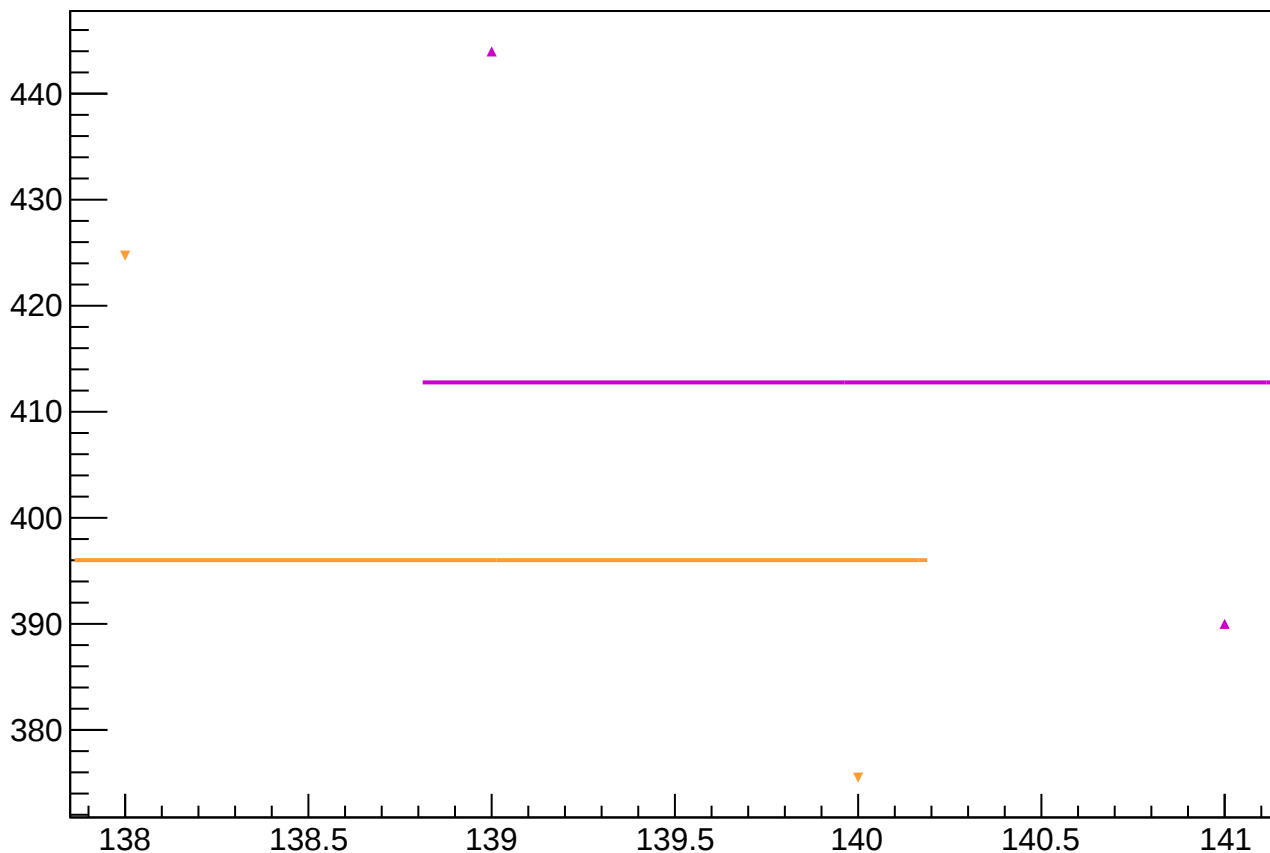
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -112.035 $\pm$ 323.757 χ^2 /NDF:0.0/1

Out: -292.206 $\pm$ 322.659 χ^2 /NDF:4.3/1

All: -202.426 $\pm$ 228.542 χ^2 /NDF: 4.5/3

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Left: 404.361+/-0.162 χ^2/NDF : 27558.3/3

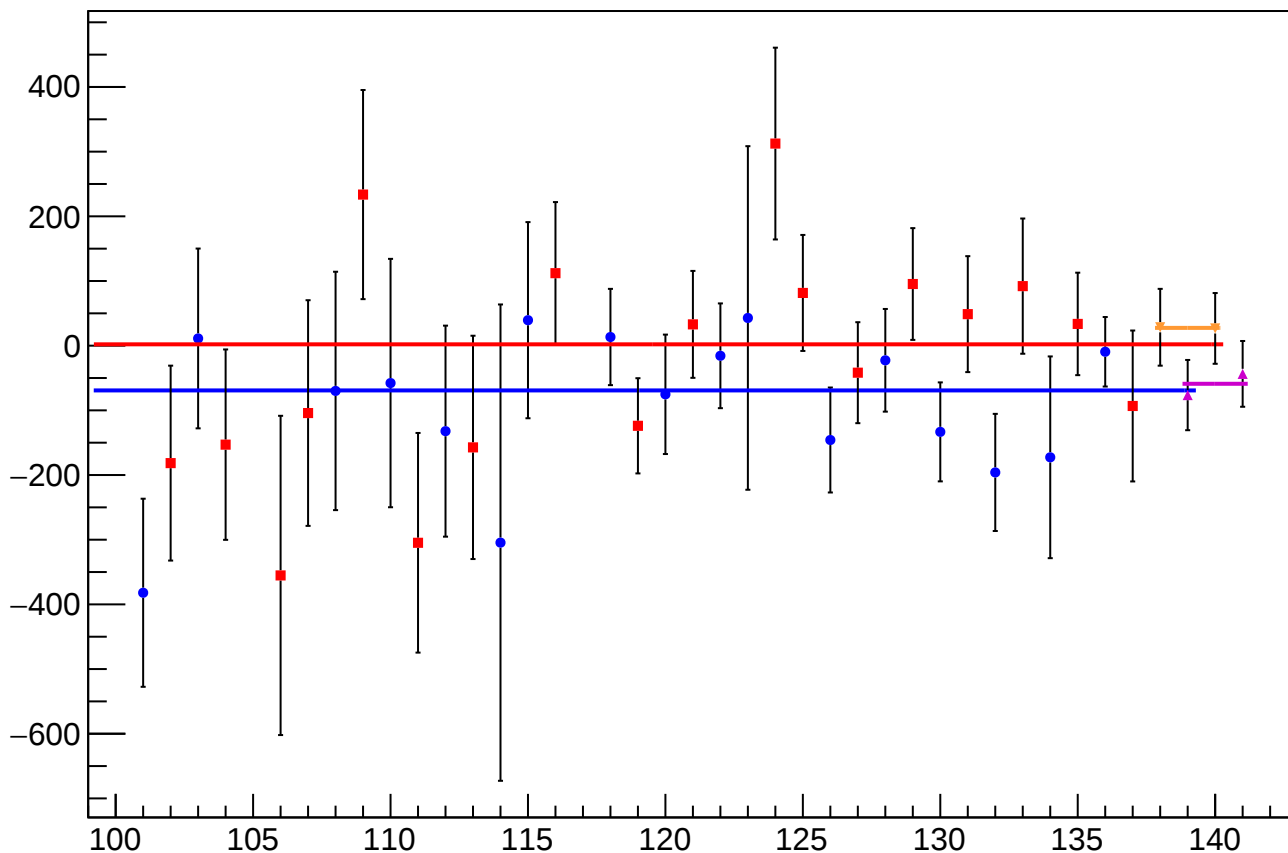
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

All: 404.361+/-0.162 χ^2/NDF : 27558.3/3

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: 27.508 ± 40.231 χ^2/NDF : 0.0/1

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -58.923 ± 37.120 χ^2/NDF : 0.2/1

Left: -19.179 ± 27.281 χ^2/NDF : 2.7/3

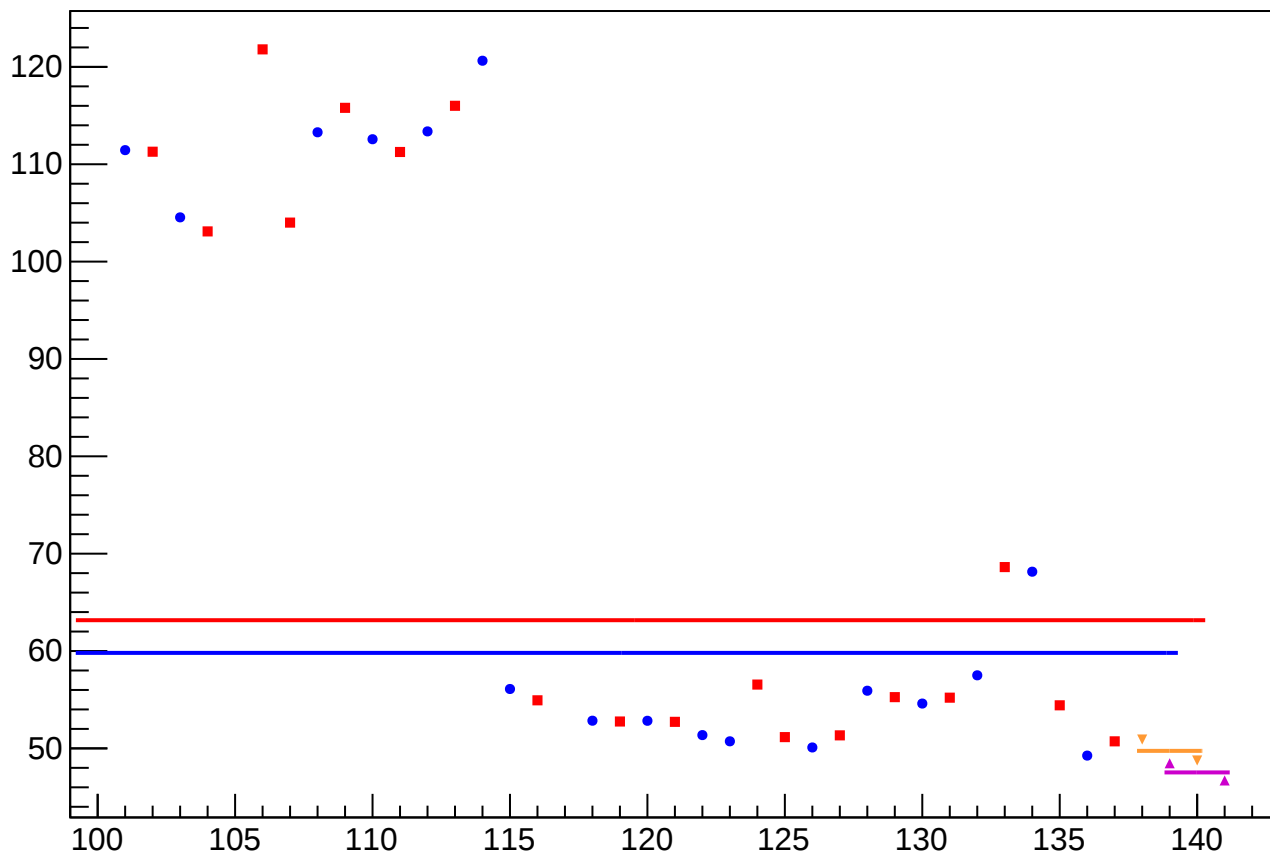
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -66.116 ± 20.308 χ^2/NDF : 13.7/18

Out: 9.241 ± 21.348 χ^2/NDF : 24.1/19

All: -30.319 ± 14.714 χ^2/NDF : 44.3/38

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 49.745+/-0.028 χ^2/NDF :1421.1/1

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 47.530+/-0.026 χ^2/NDF :1125.1/1

Left: 48.548+/-0.019 χ^2/NDF : 5819.4/3

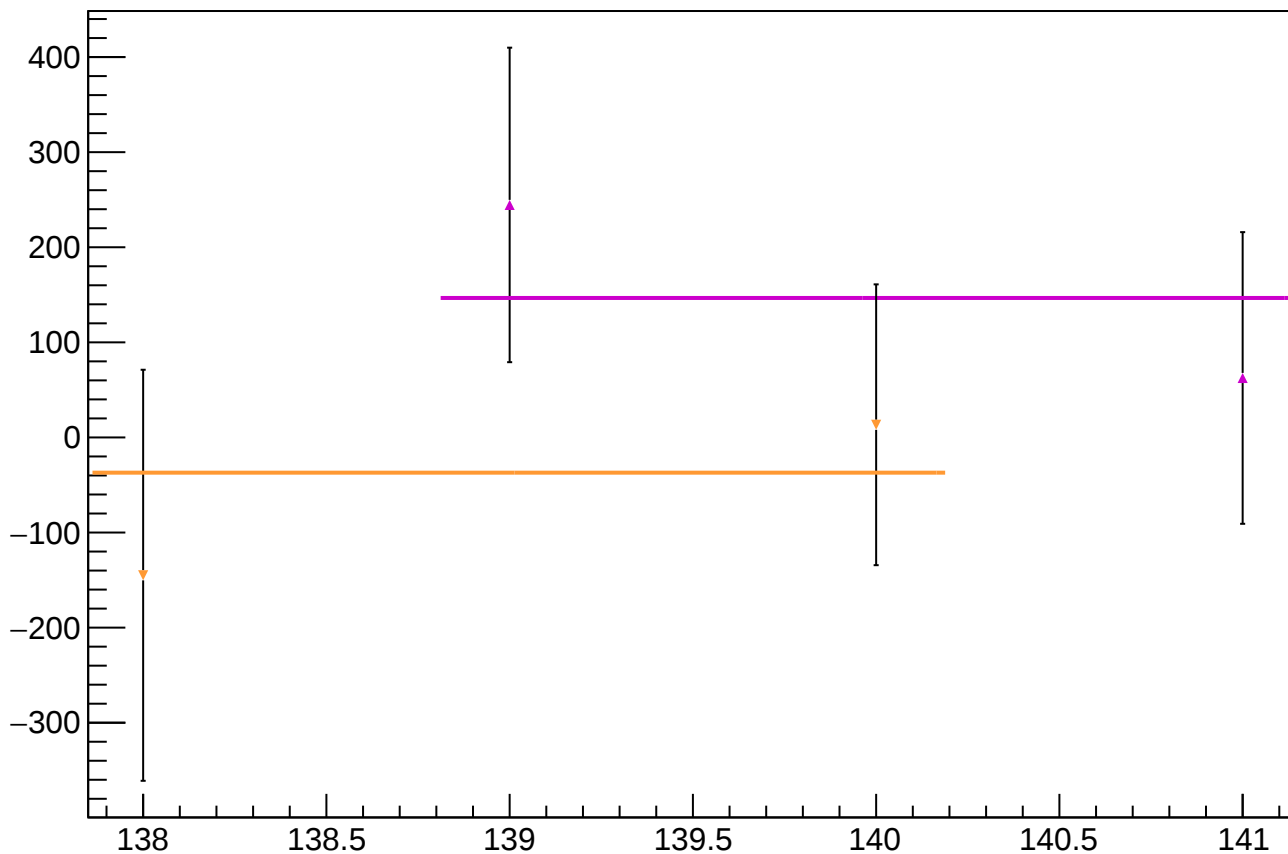
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 56.134+/-0.014 χ^2/NDF :1384449.4/18

Out: 59.386+/-0.015 χ^2/NDF :1548630.6/19

All: 57.679+/-0.010 χ^2/NDF : 2957454.8/38

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -37.040 $\pm$ 121.918 χ^2 /NDF:0.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 146.675 $\pm$ 112.449 χ^2 /NDF:0.7/1

Left: 62.228 $\pm$ 82.658 χ^2 /NDF: 2.2/3

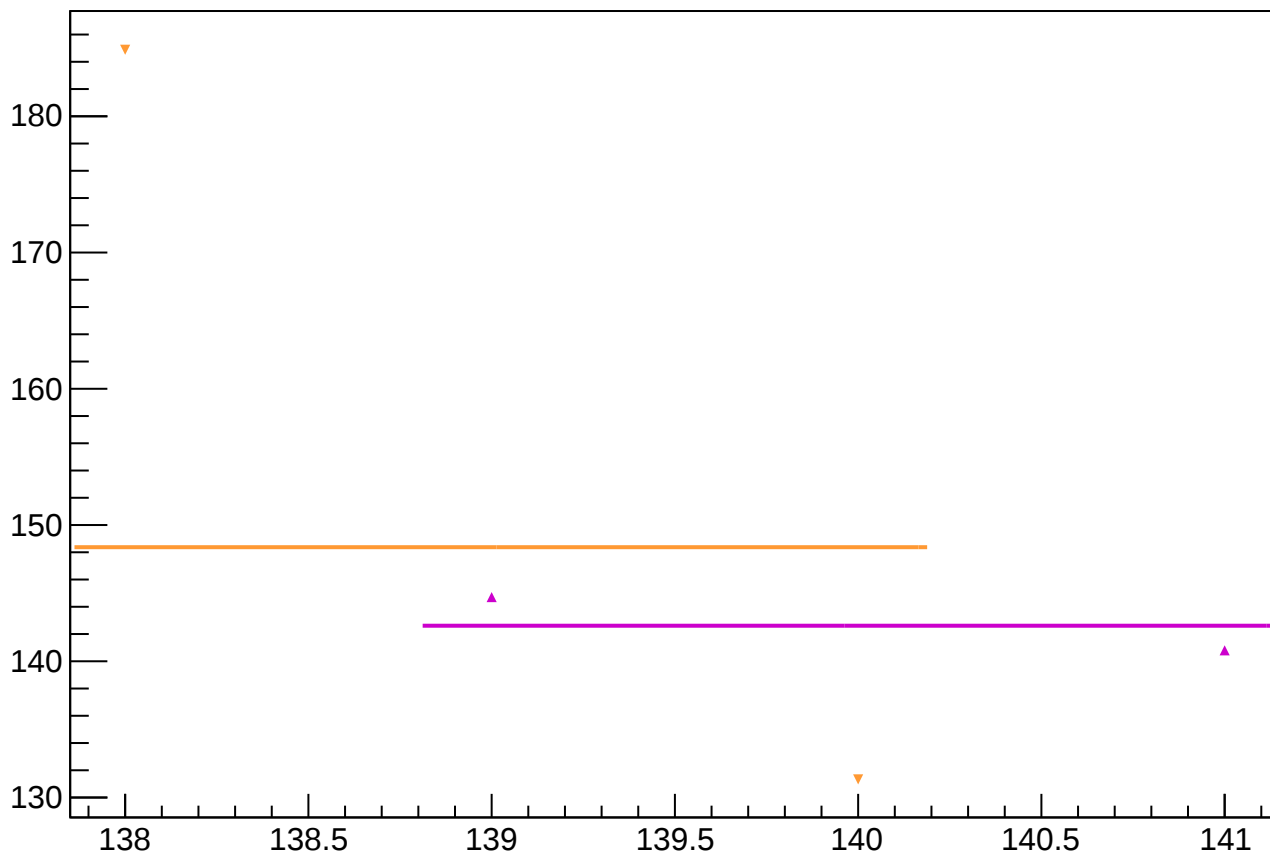
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 146.675 $\pm$ 112.449 χ^2 /NDF:0.7/1

Out: -37.040 $\pm$ 121.918 χ^2 /NDF:0.4/1

All: 62.228 $\pm$ 82.658 χ^2 /NDF: 2.2/3

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: 148.373+/-0.086 χ^2/NDF : 83715.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.609+/-0.080 χ^2/NDF : 600.4/1

Left: 145.259+/-0.058 χ^2/NDF : 86731.1/3

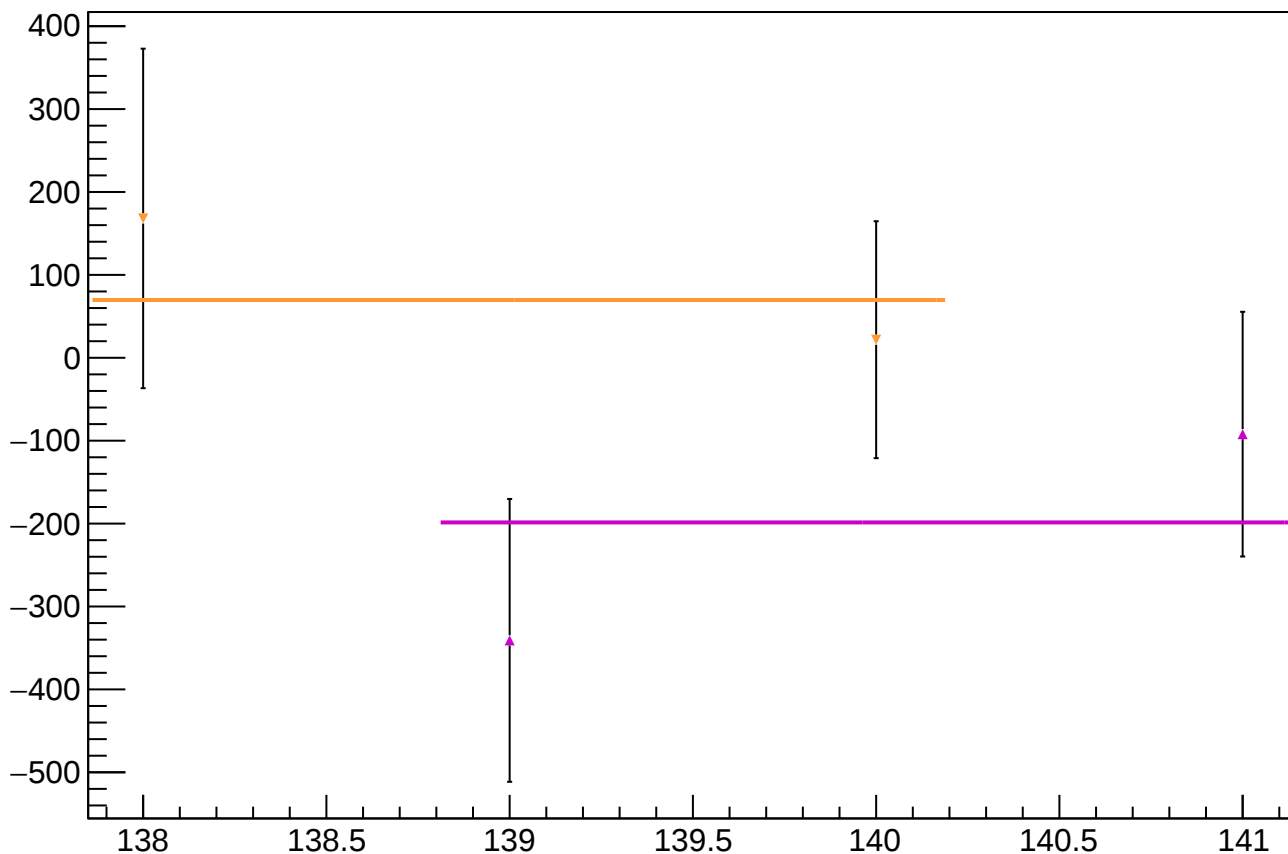
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.609+/-0.080 χ^2/NDF : 600.4/1

Out: 148.373+/-0.086 χ^2/NDF : 83715.8/1

All: 145.259+/-0.058 χ^2/NDF : 86731.1/3

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 69.710+/-117.188 χ^2/NDF : 0.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -198.601+/-111.613 χ^2/NDF : 1.2/1

Left: -70.978+/-80.821 χ^2/NDF : 4.3/3

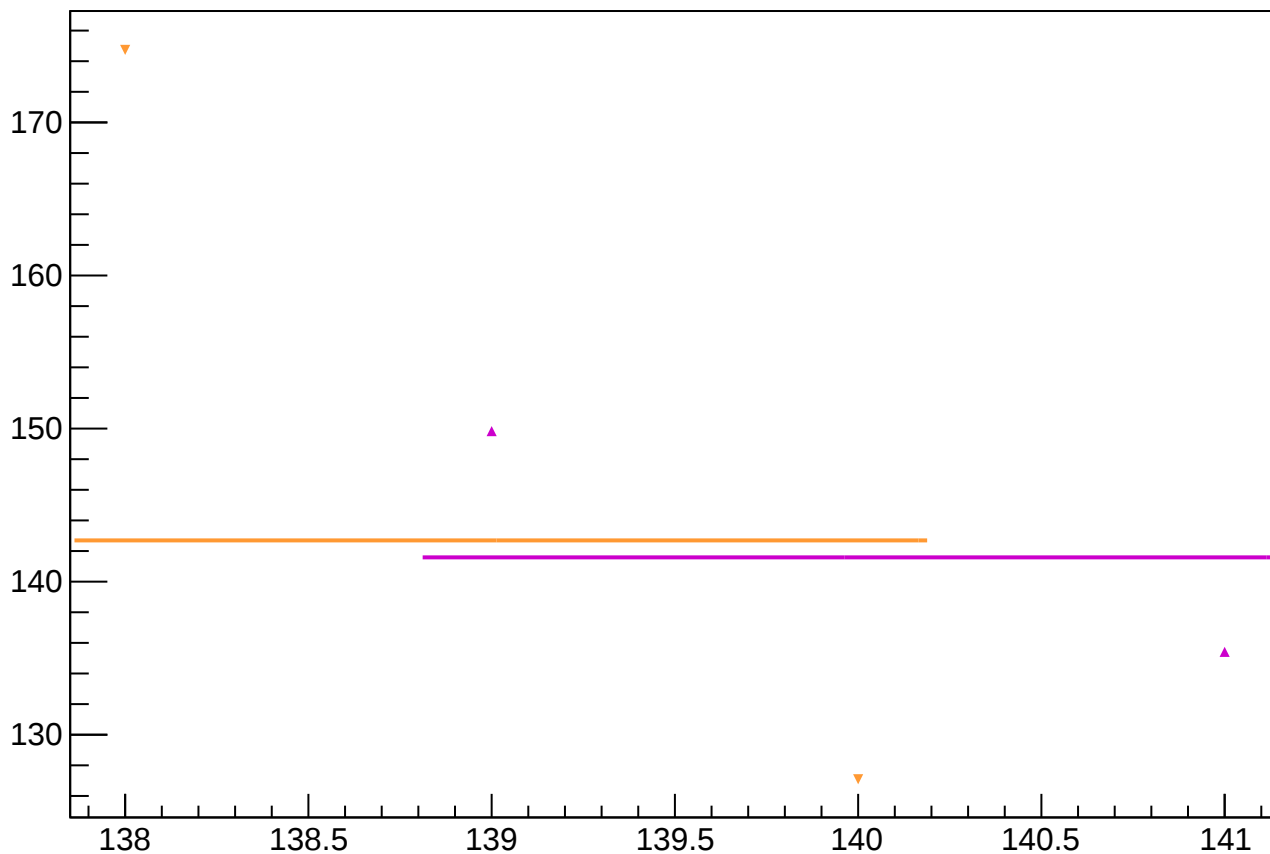
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.601+/-111.613 χ^2/NDF : 1.2/1

Out: 69.710+/-117.188 χ^2/NDF : 0.3/1

All: -70.978+/-80.821 χ^2/NDF : 4.3/3

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Left: 142.113+/-0.057 χ^2/NDF : 81084.0/3

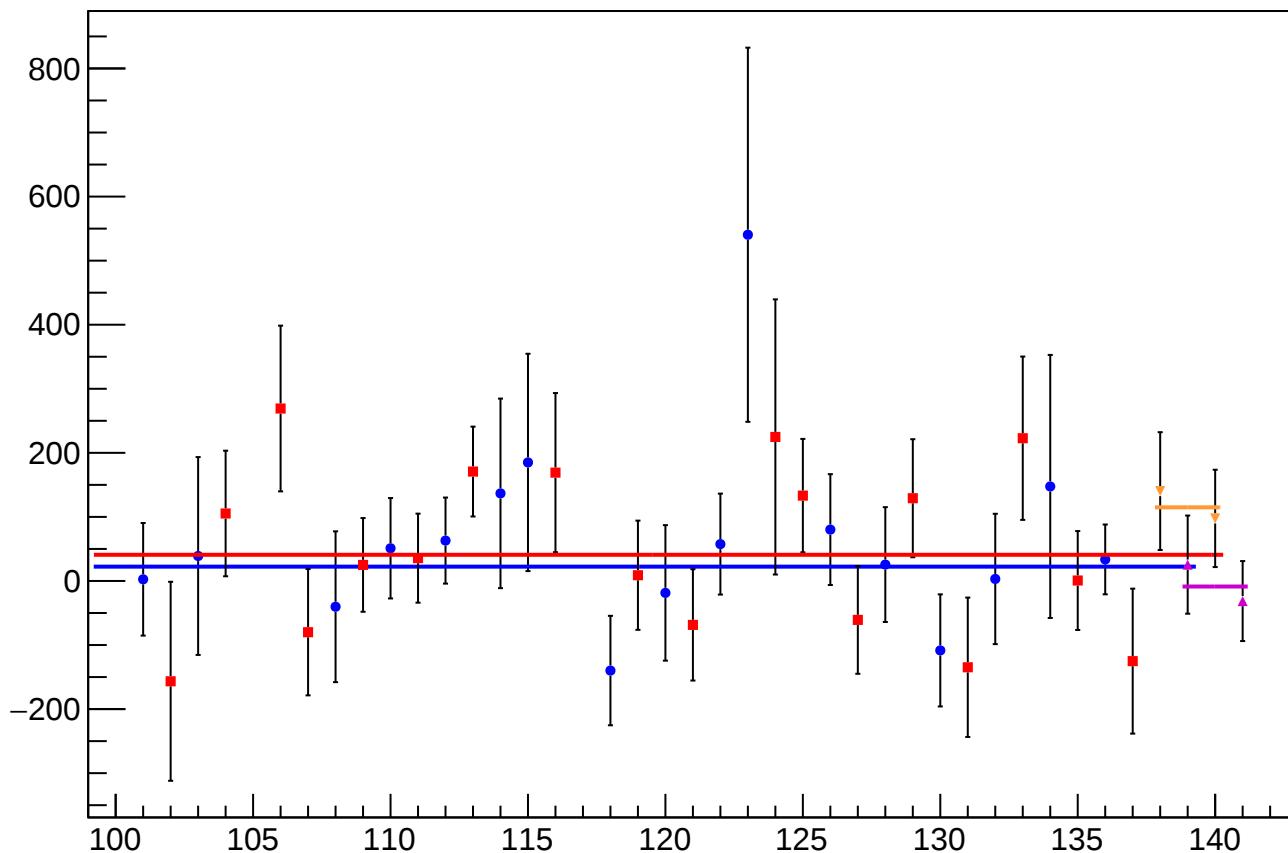
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

All: 142.113+/-0.057 χ^2/NDF : 81084.0/3

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: 114.948 $\pm$ 58.571 χ^2 /NDF: 0.1/1

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: -8.682 $\pm$ 48.388 χ^2 /NDF: 0.3/1

Left: 41.469 $\pm$ 37.304 χ^2 /NDF: 3.1/3

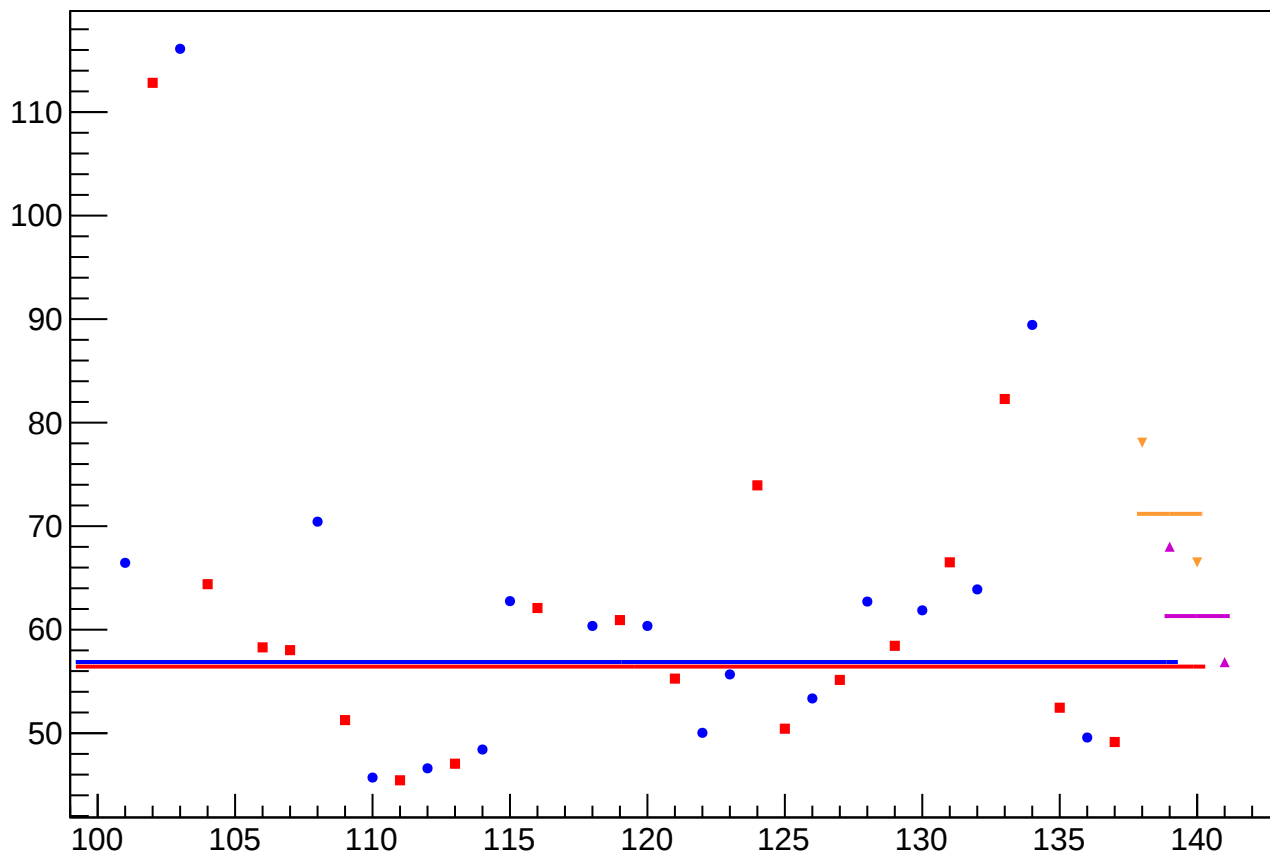
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 16.792 $\pm$ 20.495 χ^2 /NDF: 13.3/18

Out: 50.126 $\pm$ 20.707 χ^2 /NDF: 25.7/19

All: 33.288 $\pm$ 14.566 χ^2 /NDF: 40.3/38

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: 71.189 $\pm$ 0.041 χ^2 /NDF: 18791.4/1

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 61.314 $\pm$ 0.034 χ^2 /NDF: 25476.2/1

Left: 65.320 $\pm$ 0.026 χ^2 /NDF: 78058.2/3

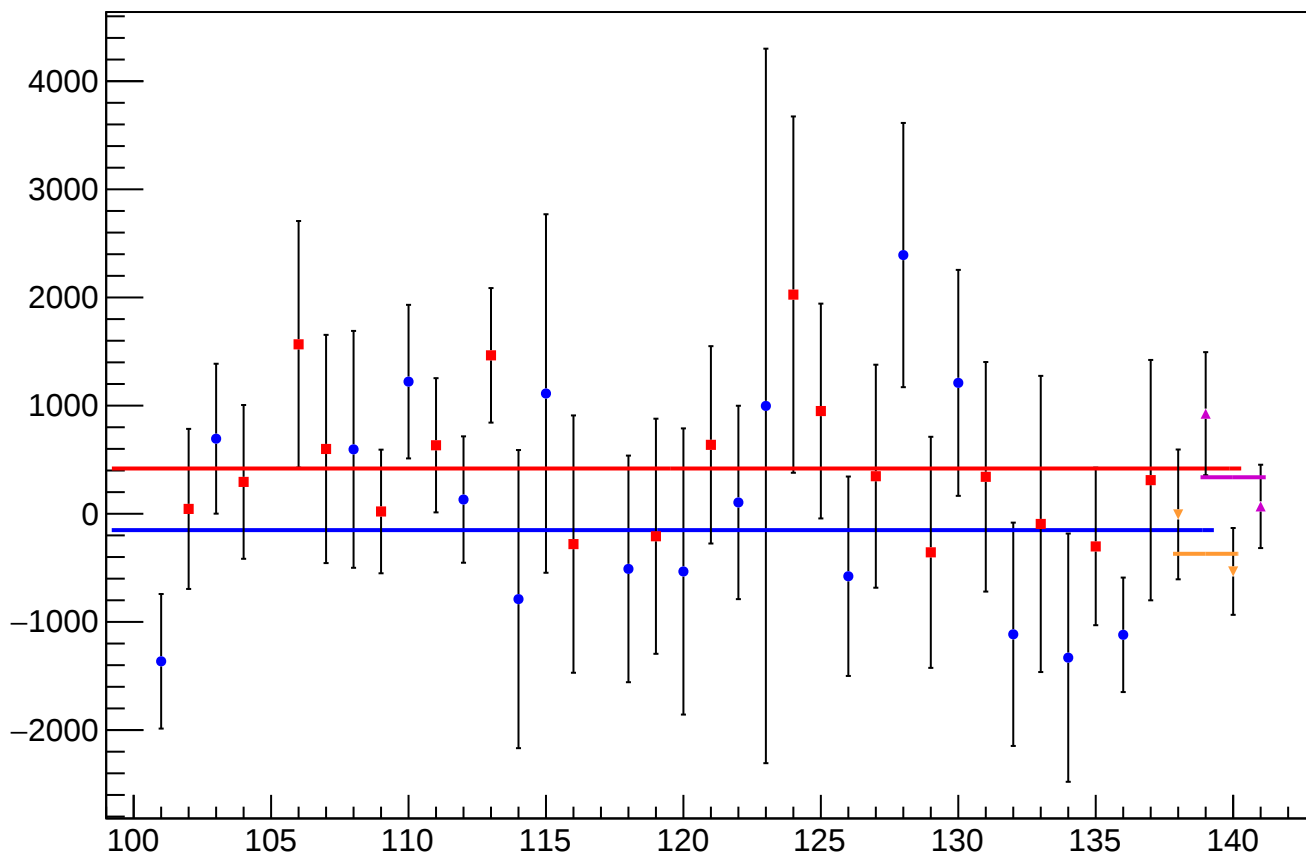
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.674 $\pm$ 0.014 χ^2 /NDF: 614752.5/18

Out: 58.278 $\pm$ 0.015 χ^2 /NDF: 650312.9/19

All: 57.973 $\pm$ 0.010 χ^2 /NDF: 1265924.3/38

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 χ^2/NDF : 22.4/16

Left Out: -370.152 ± 333.669 χ^2/NDF : 0.5/1

Right Out: 418.554 ± 205.061 χ^2/NDF : 8.4/17

Left In: 337.611 ± 319.089 χ^2/NDF : 1.6/1

Left: -0.470 ± 230.612 χ^2/NDF : 4.4/3

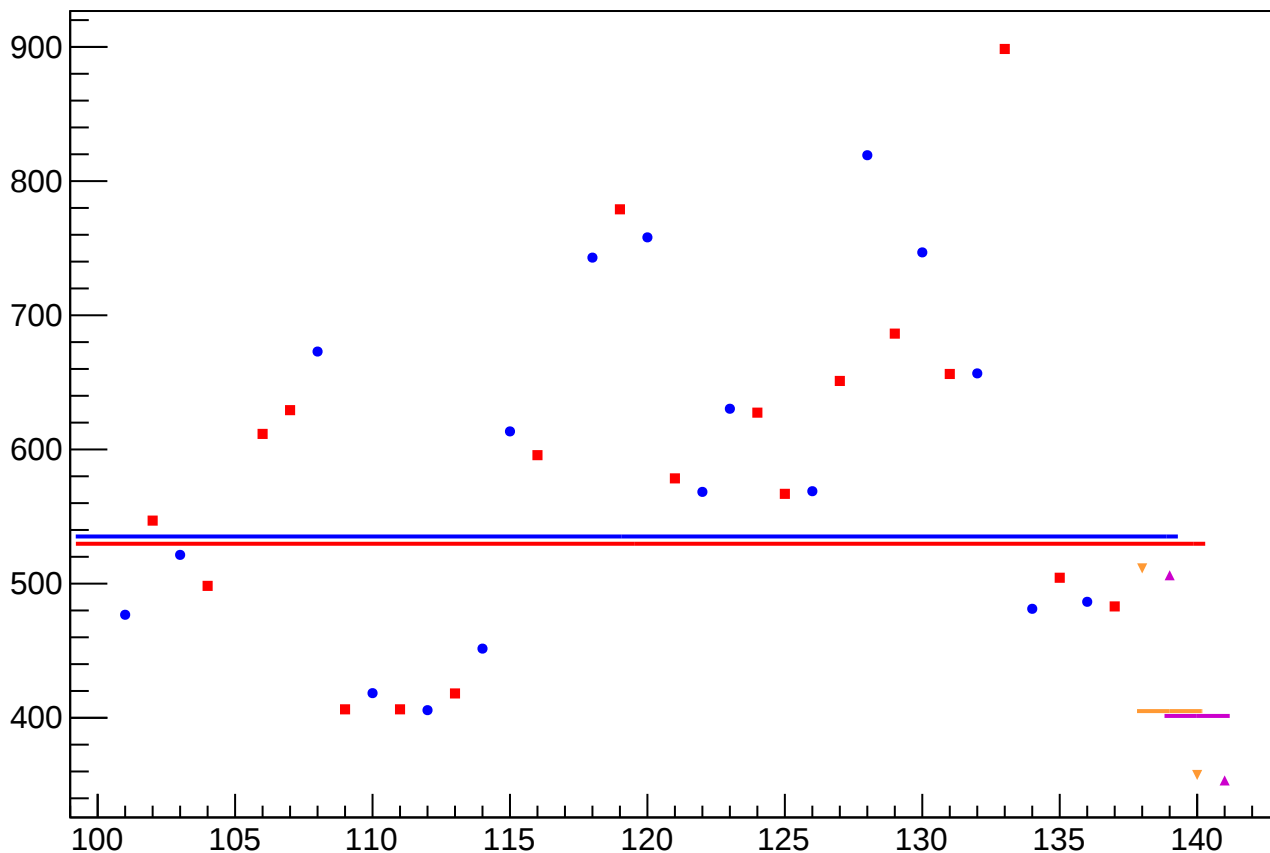
Right: 143.757 ± 147.542 χ^2/NDF : 34.6/34

In: -1.065 ± 176.838 χ^2/NDF : 25.6/18

Out: 202.332 ± 174.706 χ^2/NDF : 13.0/19

All: 101.867 ± 124.283 χ^2/NDF : 39.3/38

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 404.999+/-0.236 χ^2/NDF : 90955.2/1

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 401.397+/-0.226 χ^2/NDF : 99000.7/1

Left: 403.118+/-0.163 χ^2/NDF : 190077.7/3

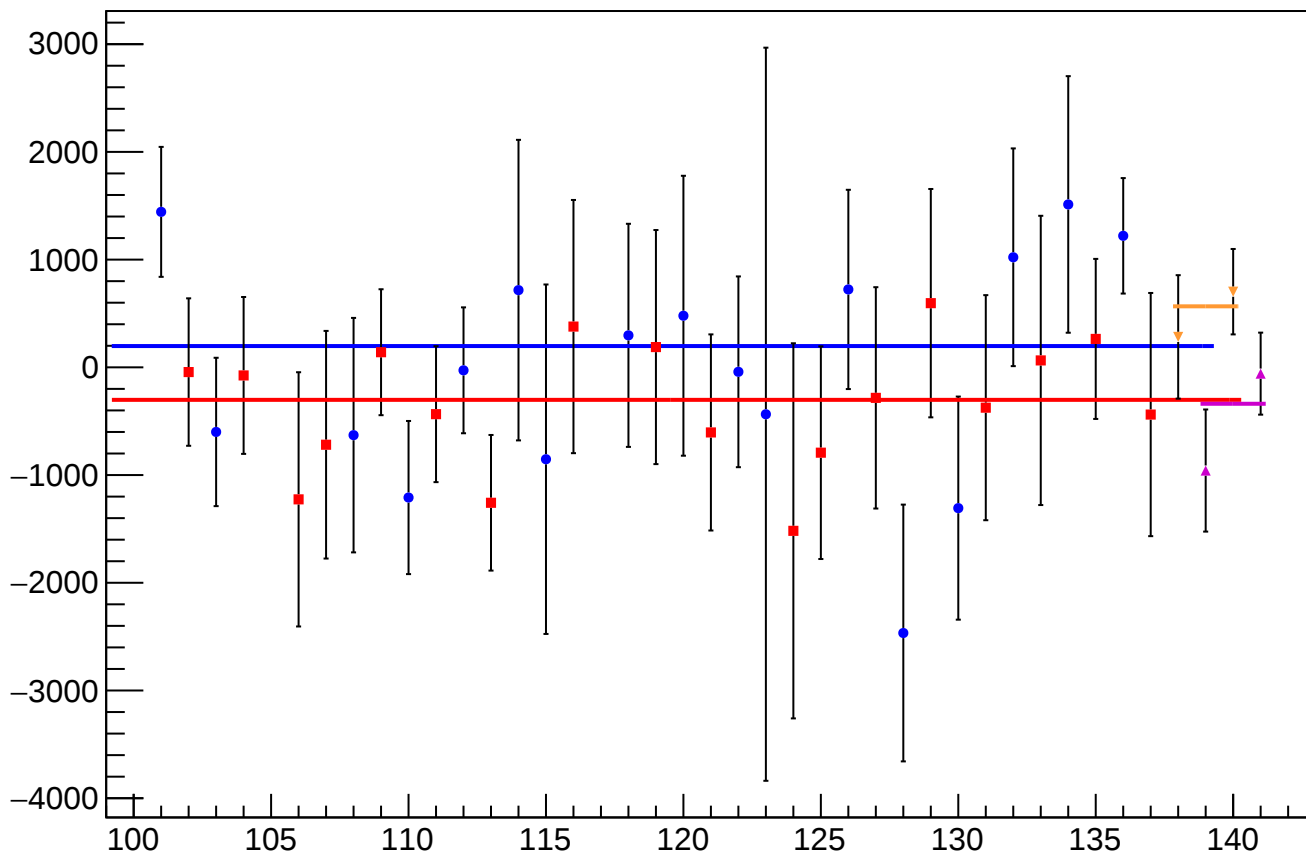
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 494.061+/-0.125 χ^2/NDF : 938518.4/18

Out: 495.528+/-0.124 χ^2/NDF : 940506.5/19

All: 494.803+/-0.088 χ^2/NDF : 1879094.6/38

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 566.339 $\pm$ 326.084 χ^2 /NDF:0.4/1

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -338.243 $\pm$ 316.045 χ^2 /NDF:1.7/1

Left: 99.908 $\pm$ 226.944 χ^2 /NDF: 6.1/3

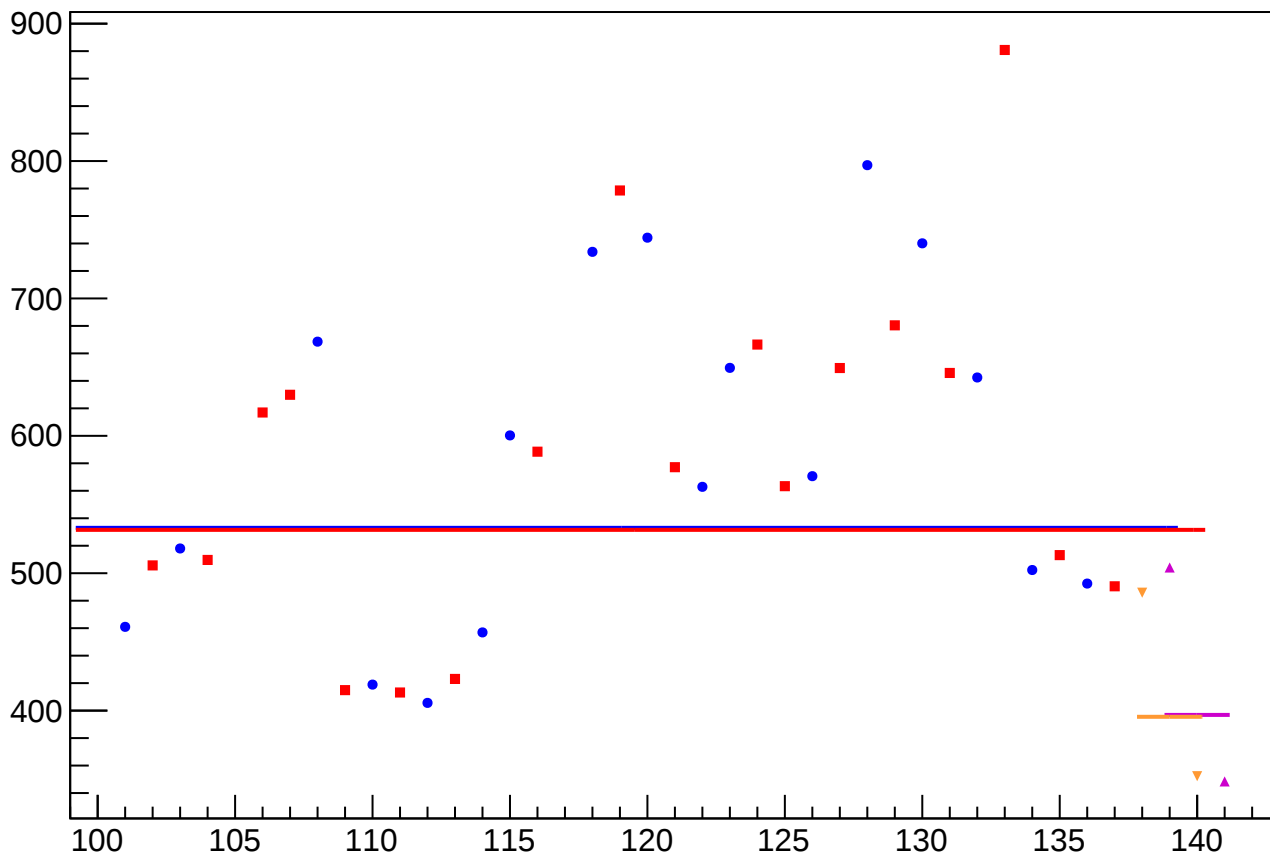
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 31.850 $\pm$ 175.760 χ^2 /NDF:27.6/18

Out: -54.718 $\pm$ 173.977 χ^2 /NDF:12.1/19

All: -11.876 $\pm$ 123.646 χ^2 /NDF: 39.9/38

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 395.495+/-0.231 χ^2/NDF : 73472.1/1

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 396.868+/-0.223 χ^2/NDF : 104018.1/1

Left: 396.203+/-0.160 χ^2/NDF : 177508.5/3

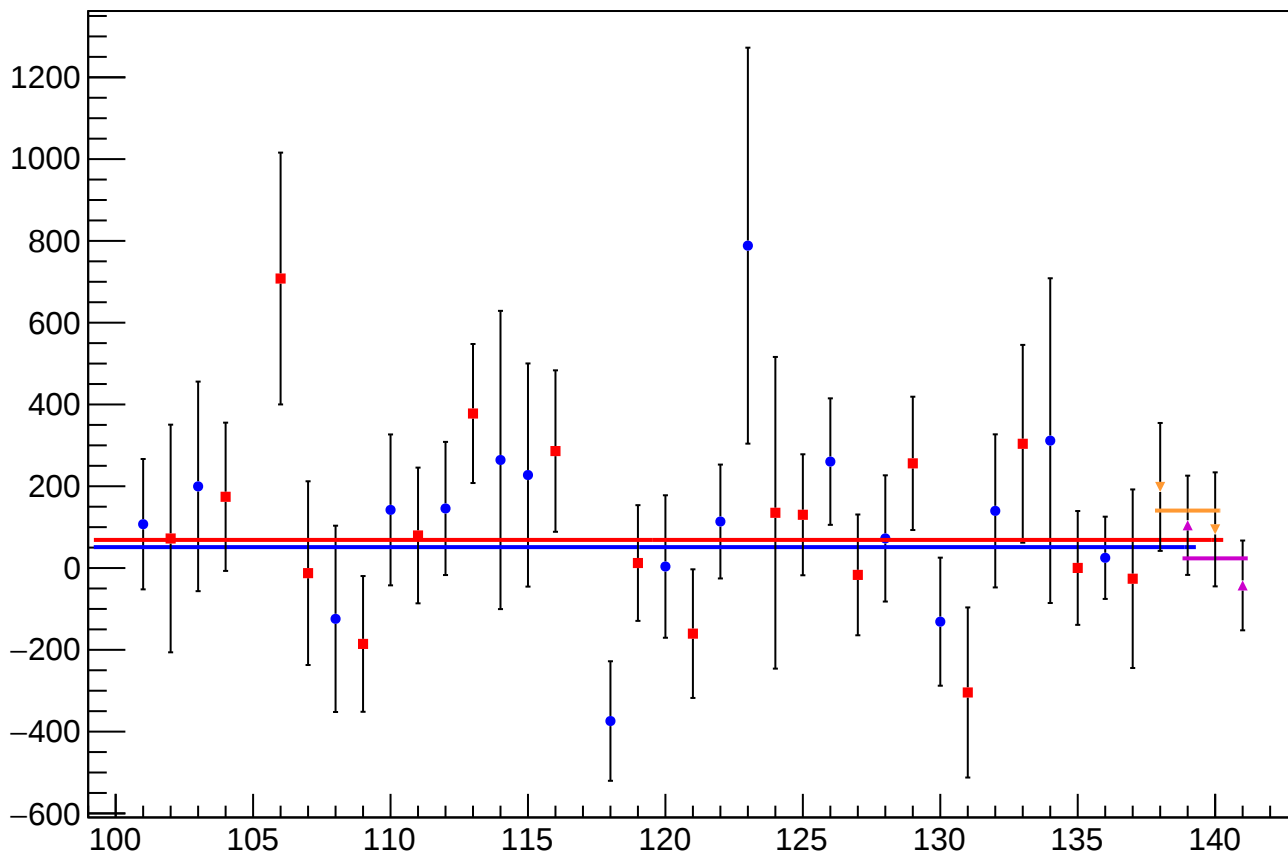
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 490.919+/-0.124 χ^2/NDF : 927293.2/18

Out: 492.828+/-0.123 χ^2/NDF : 920490.5/19

All: 491.883+/-0.087 χ^2/NDF : 1847902.8/38

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 140.533+/-104.073 χ^2/NDF : 0.2/1

Right Out: 68.779+/-42.803 χ^2/NDF : 20.4/17

Left In: 23.666+/-81.410 χ^2/NDF : 0.8/1

Left: 68.030+/-64.123 χ^2/NDF : 1.8/3

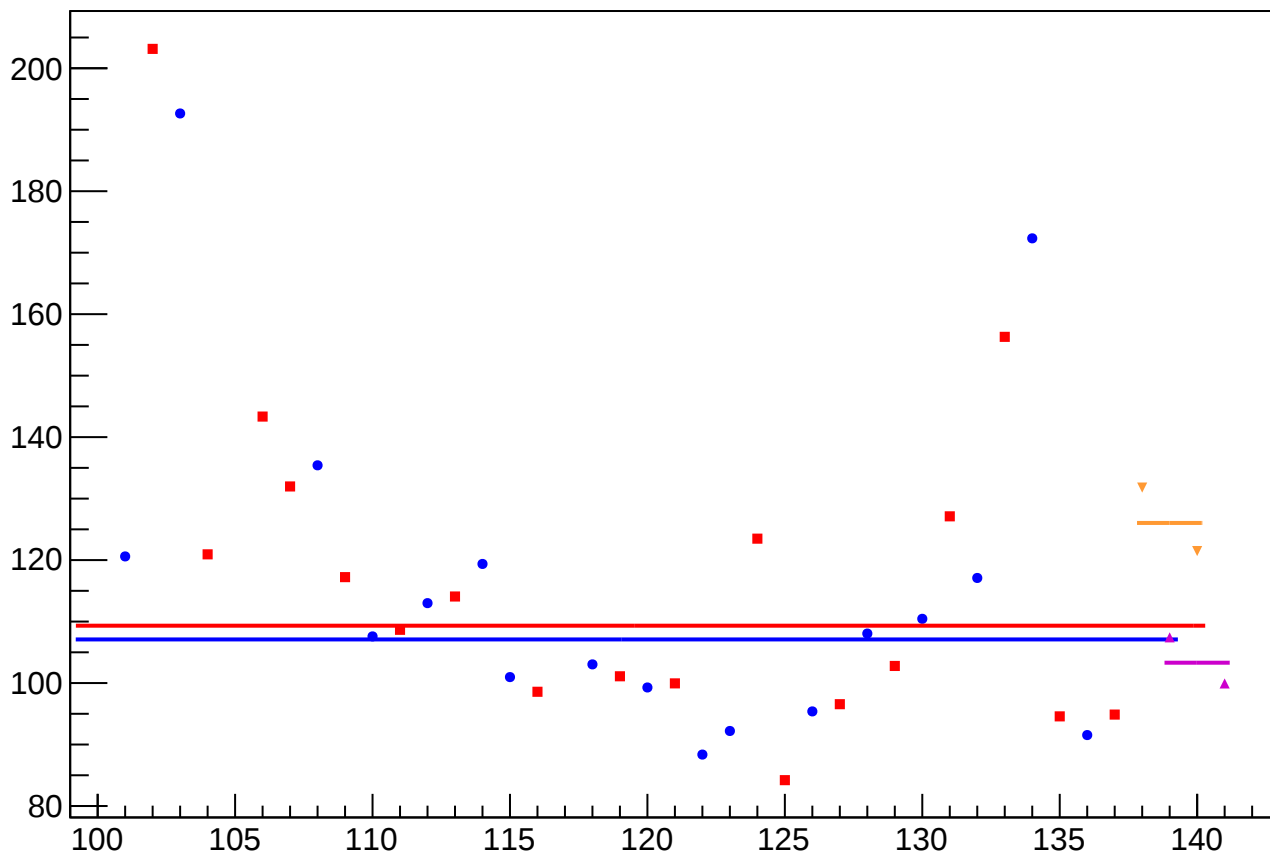
Right: 59.892+/-30.129 χ^2/NDF : 37.8/34

In: 45.294+/-37.616 χ^2/NDF : 18.3/18

Out: 79.160+/-39.586 χ^2/NDF : 21.0/19

All: 61.364+/-27.269 χ^2/NDF : 39.7/38

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: 126.041 $\pm$ 0.074 χ^2/NDF : 4856.4/1

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 103.309 $\pm$ 0.058 χ^2/NDF : 4201.2/1

Left: 111.938 $\pm$ 0.045 χ^2/NDF : 68256.4/3

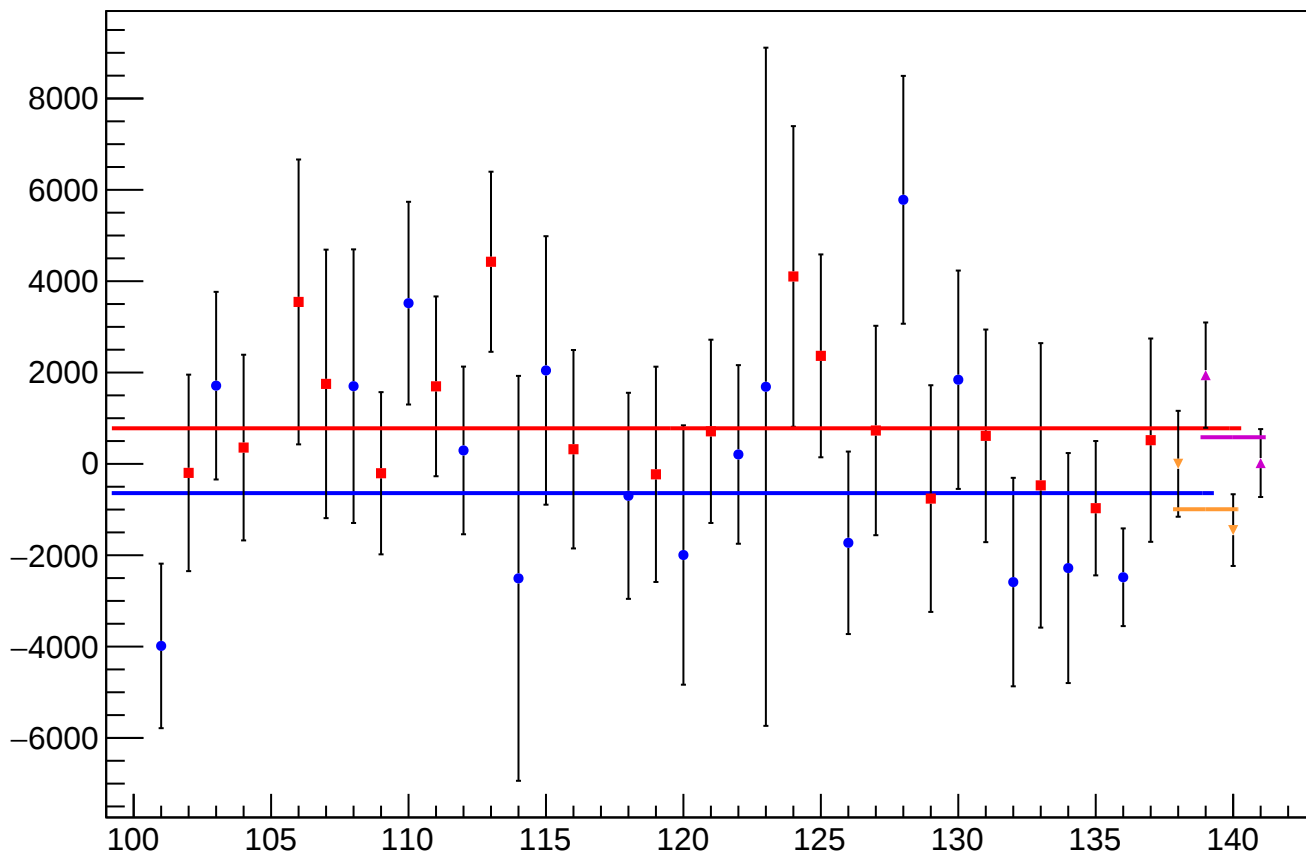
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 106.286 $\pm$ 0.027 χ^2/NDF : 445356.7/18

Out: 111.747 $\pm$ 0.028 χ^2/NDF : 554990.9/19

All: 108.877 $\pm$ 0.019 χ^2/NDF : 1020352.4/38

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -992.904+/-650.144 χ^2/NDF : 1.1/1

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 583.662+/-624.845 χ^2/NDF : 2.0/1

Left: -173.351+/-450.511 χ^2/NDF : 6.1/3

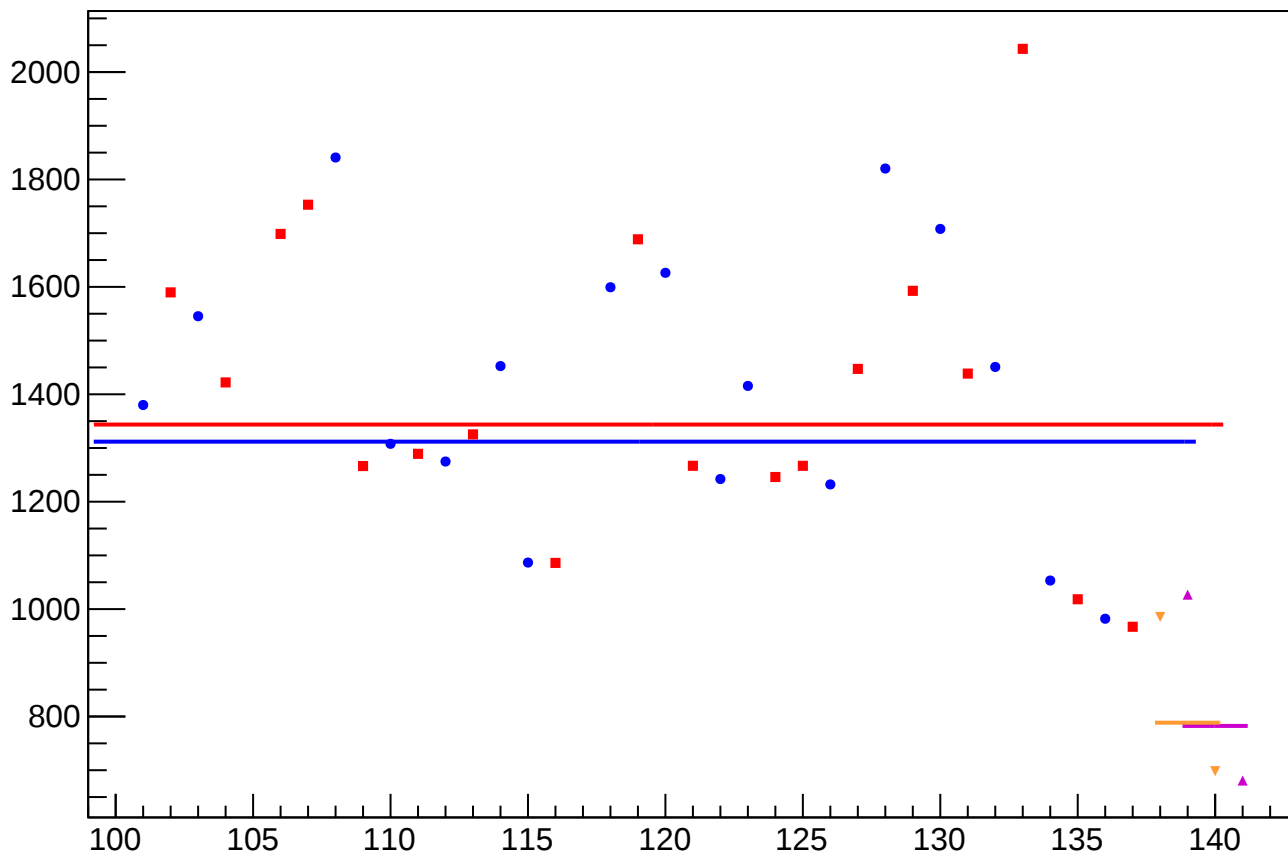
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -140.066+/-399.355 χ^2/NDF : 26.0/18

Out: 93.755+/-404.389 χ^2/NDF : 14.5/19

All: -24.620+/-284.150 χ^2/NDF : 40.6/38

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: 788.501 $\pm$ 0.460 χ^2/NDF : 84095.3/1

Right Out: 1343.659 $\pm$ 0.365 χ^2/NDF : 461009.9/17

Left In: 782.474 $\pm$ 0.442 χ^2/NDF : 127324.3/1

Left: 785.368 $\pm$ 0.319 χ^2/NDF : 211508.9/3

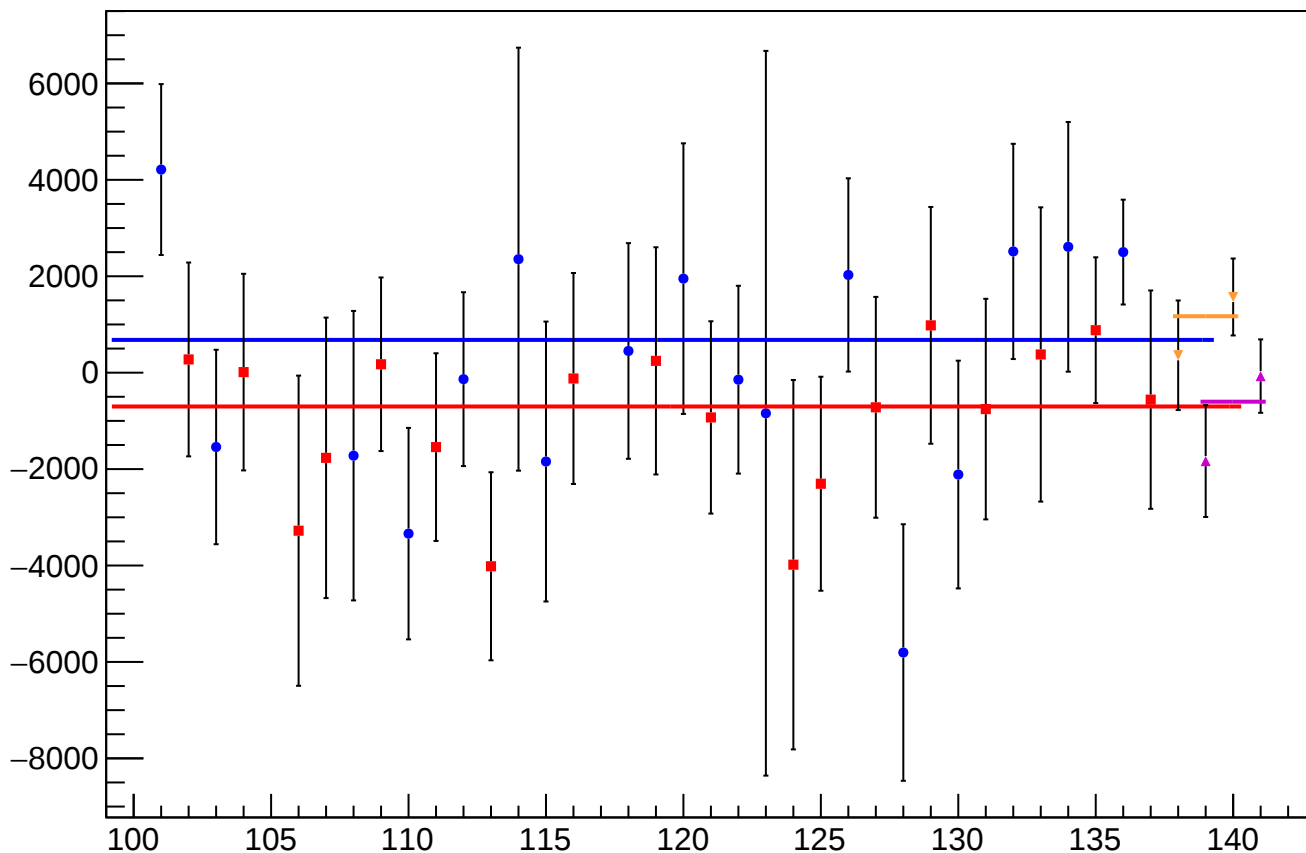
Right: 1327.813 $\pm$ 0.259 χ^2/NDF : 977472.0/34

In: 1095.577 $\pm$ 0.282 χ^2/NDF : 1488966.1/18

Out: 1128.877 $\pm$ 0.286 χ^2/NDF : 1439205.1/19

All: 1112.019 $\pm$ 0.201 χ^2/NDF : 2935037.2/38

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1170.797+/-653.093 χ^2/NDF : 0.8/1

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -601.742+/-636.498 χ^2/NDF : 1.6/1

Left: 261.722+/-455.826 χ^2/NDF : 6.1/3

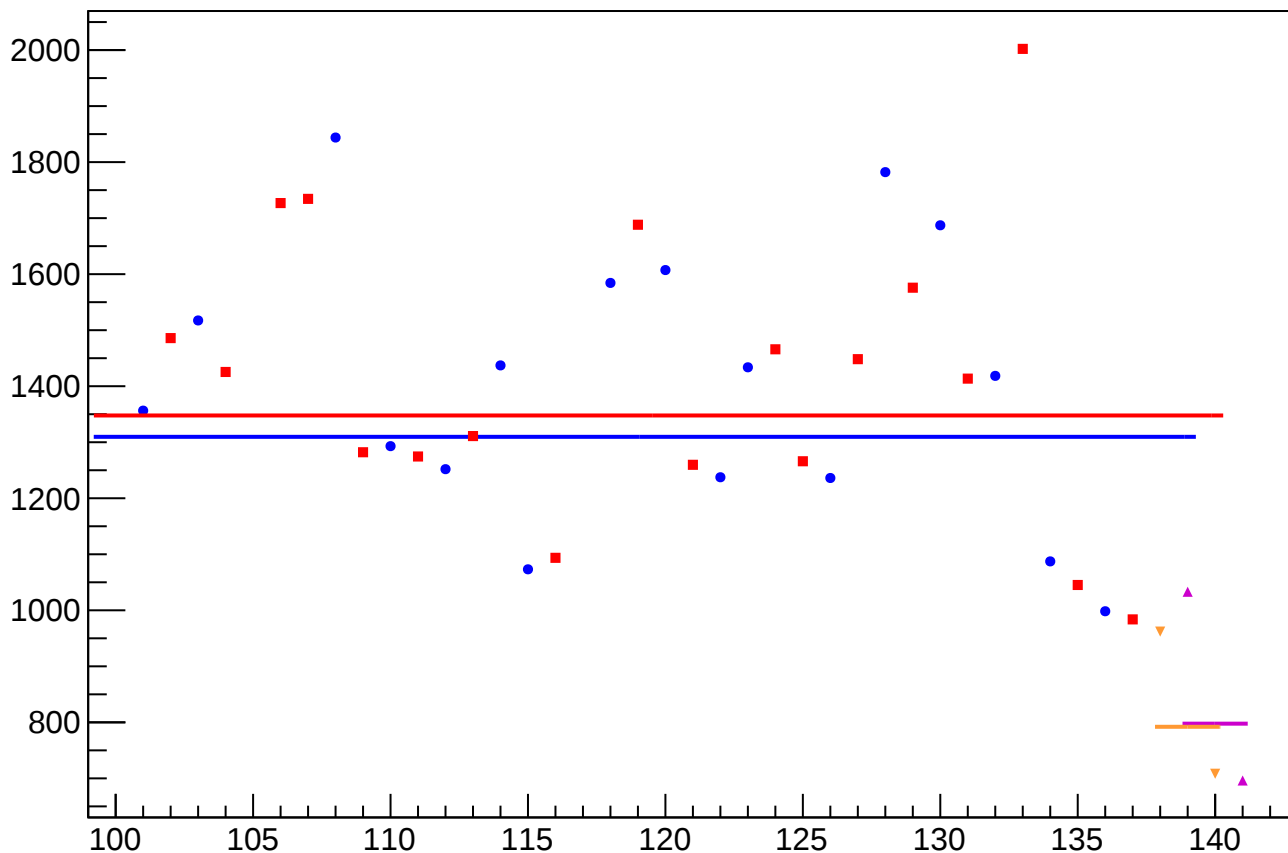
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 169.855+/-401.536 χ^2/NDF : 26.6/18

Out: 20.688+/-405.515 χ^2/NDF : 13.4/19

All: 96.007+/-285.325 χ^2/NDF : 40.1/38

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 792.077 $\pm$ 0.462 χ^2 /NDF: 66777.2/1

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 797.653 $\pm$ 0.450 χ^2 /NDF: 117921.6/1

Left: 794.937 $\pm$ 0.322 χ^2 /NDF: 184773.6/3

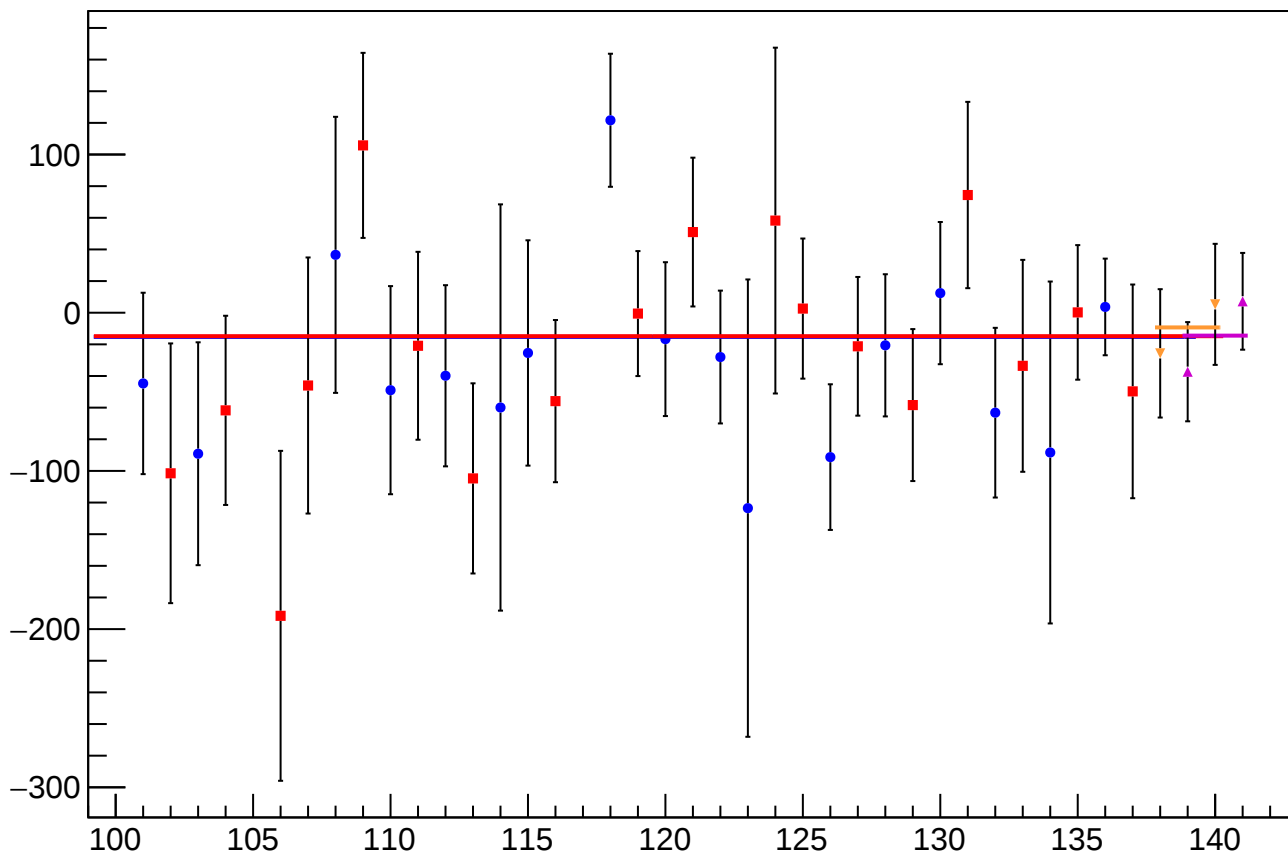
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 1105.891 $\pm$ 0.284 χ^2 /NDF: 1356333.7/18

Out: 1133.529 $\pm$ 0.287 χ^2 /NDF: 1361821.3/19

All: 1119.574 $\pm$ 0.202 χ^2 /NDF: 2722846.0/38

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 $\pm$ 12.907 χ^2 /NDF: 18.3/16

Left Out: -9.298 $\pm$ 27.834 χ^2 /NDF:0.3/1

Right Out: -14.839 $\pm$ 13.097 χ^2 /NDF: 18.2/17

Left In: -14.485 $\pm$ 21.895 χ^2 /NDF:1.0/1

Left: -12.503 $\pm$ 17.209 χ^2 /NDF: 1.4/3

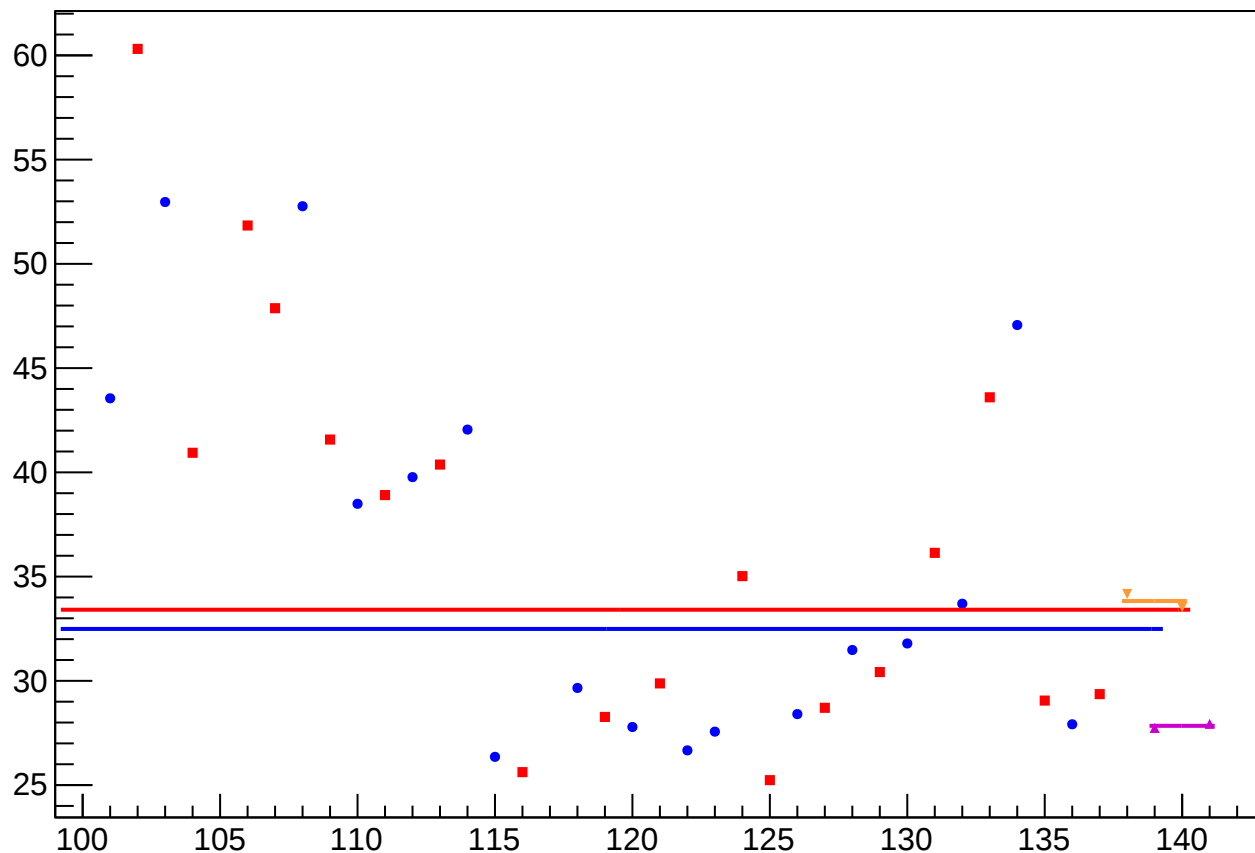
Right: -15.063 $\pm$ 9.193 χ^2 /NDF: 36.5/34

In: -15.076 $\pm$ 11.119 χ^2 /NDF:19.4/18

Out: -13.834 $\pm$ 11.851 χ^2 /NDF:18.5/19

All: -14.495 $\pm$ 8.109 χ^2 /NDF: 37.9/38

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 33.831 $\pm$ 0.020 χ^2 /NDF: 262.1/1

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 27.843 $\pm$ 0.015 χ^2 /NDF: 40.5/1

Left: 30.132 $\pm$ 0.012 χ^2 /NDF: 57484.5/3

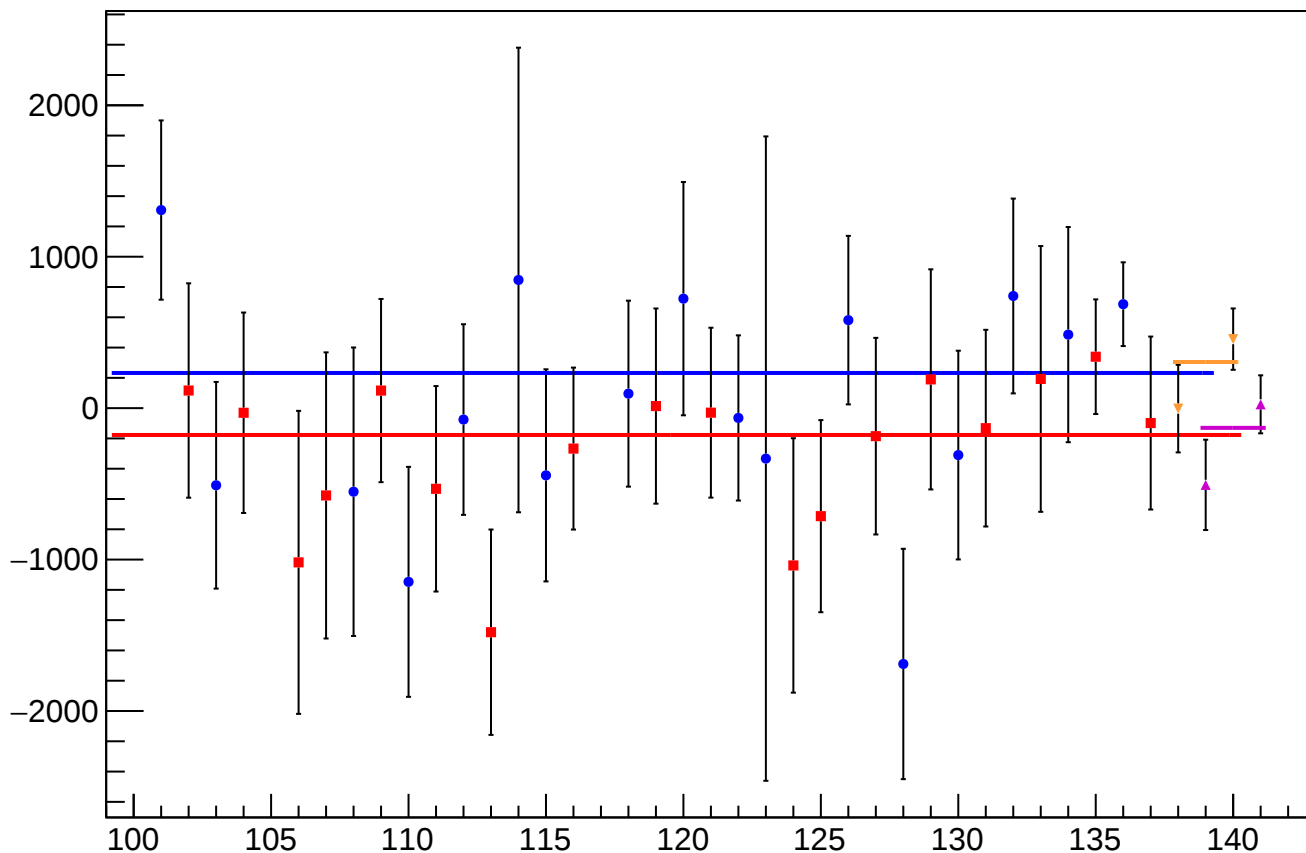
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 31.291 $\pm$ 0.008 χ^2 /NDF: 661364.3/18

Out: 33.487 $\pm$ 0.008 χ^2 /NDF: 725824.2/19

All: 32.319 $\pm$ 0.006 χ^2 /NDF: 1423721.9/38

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: 304.764 $\pm$ 165.918 χ^2 /NDF:1.7/1

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -130.179 $\pm$ 161.182 χ^2 /NDF:2.3/1

Left: 80.997 $\pm$ 115.611 χ^2 /NDF: 7.5/3

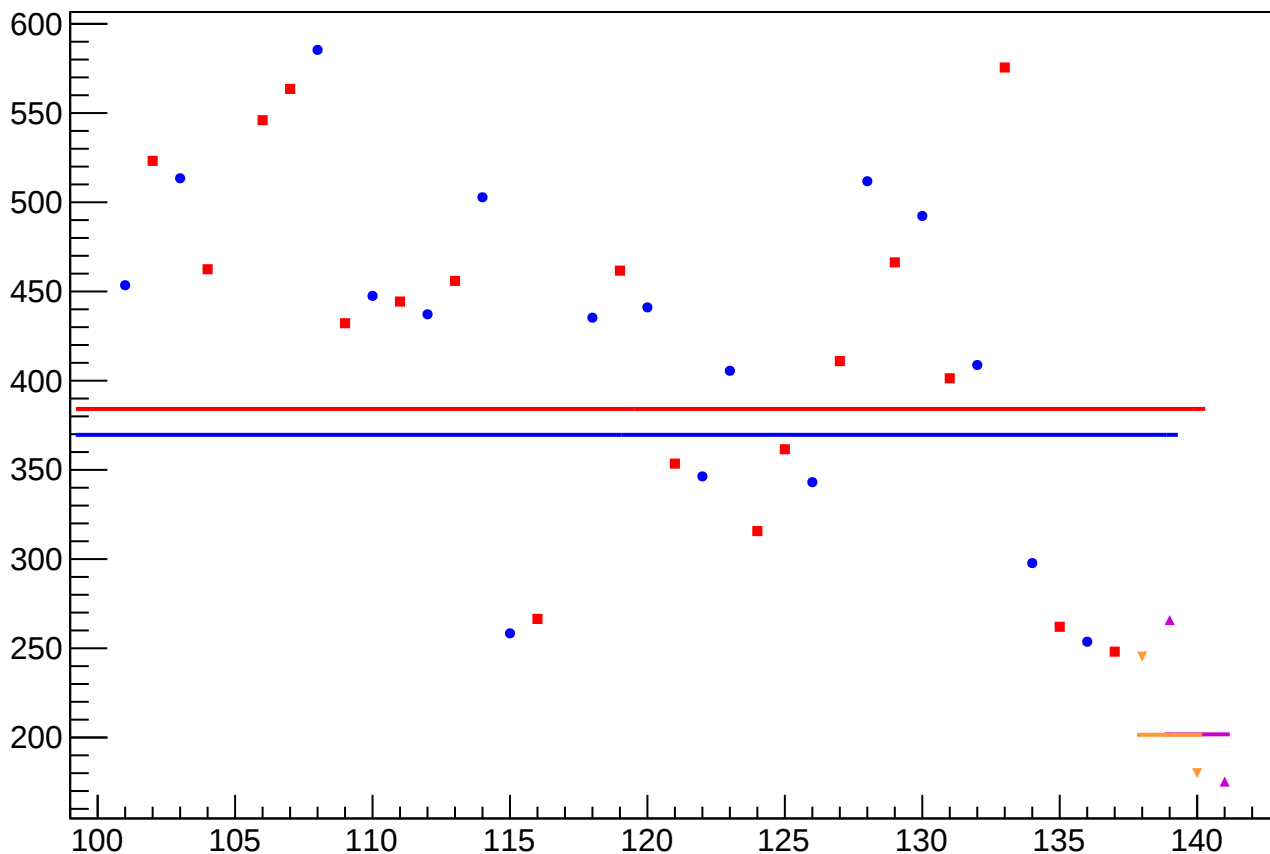
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 65.767 $\pm$ 109.257 χ^2 /NDF:26.4/18

Out: 39.591 $\pm$ 111.270 χ^2 /NDF:15.9/19

All: 52.918 $\pm$ 77.958 χ^2 /NDF: 42.4/38

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 201.508 $\pm$ 0.117 χ^2 /NDF: 68592.5/1

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 201.763 $\pm$ 0.114 χ^2 /NDF: 130559.8/1

Left: 201.639 $\pm$ 0.082 χ^2 /NDF: 199154.8/3

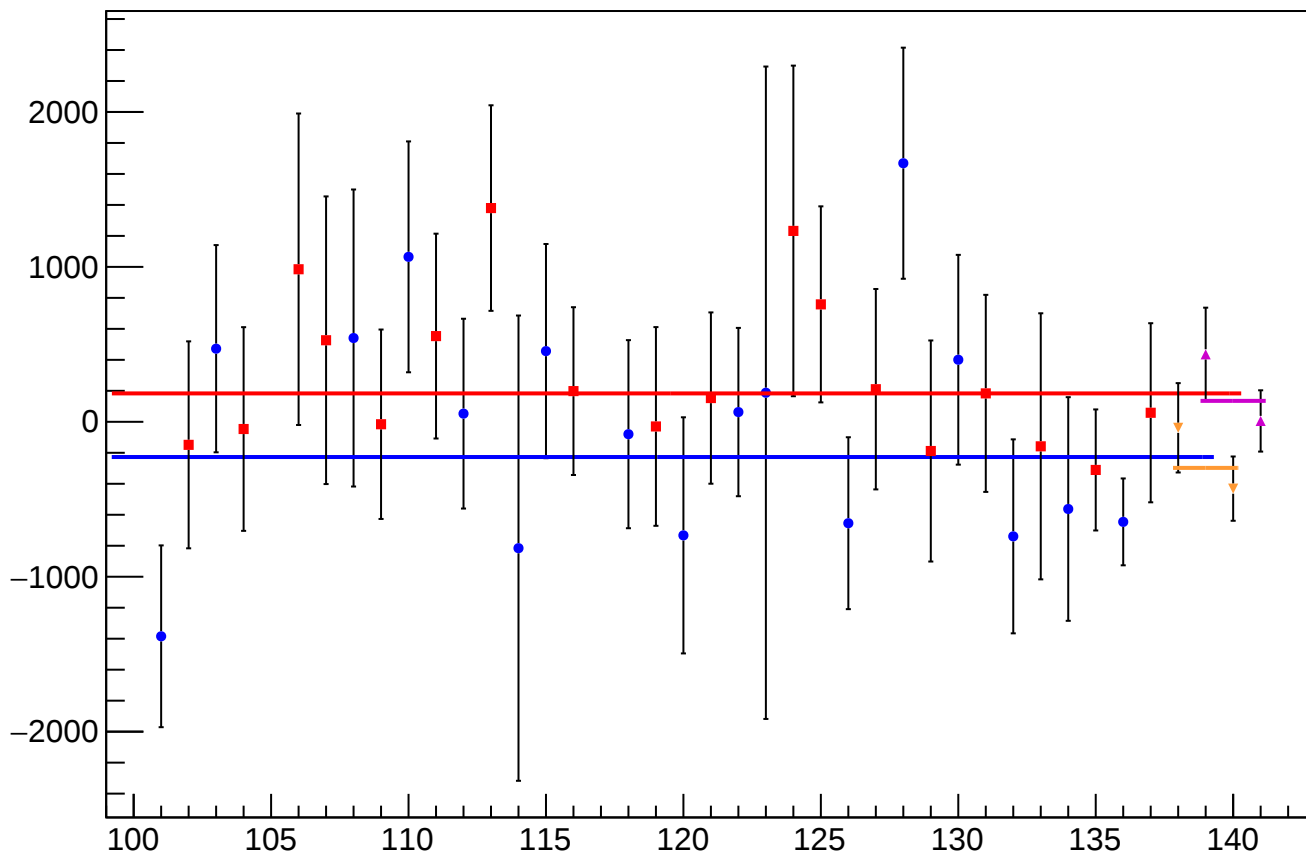
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 292.510 $\pm$ 0.077 χ^2 /NDF: 2206188.8/18

Out: 302.018 $\pm$ 0.079 χ^2 /NDF: 2277425.6/19

All: 297.177 $\pm$ 0.055 χ^2 /NDF: 4491049.7/38

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -297.454+/-168.417 χ^2/NDF : 1.2/1

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 135.155+/-165.356 χ^2/NDF : 1.4/1

Left: -77.182+/-117.992 χ^2/NDF : 6.0/3

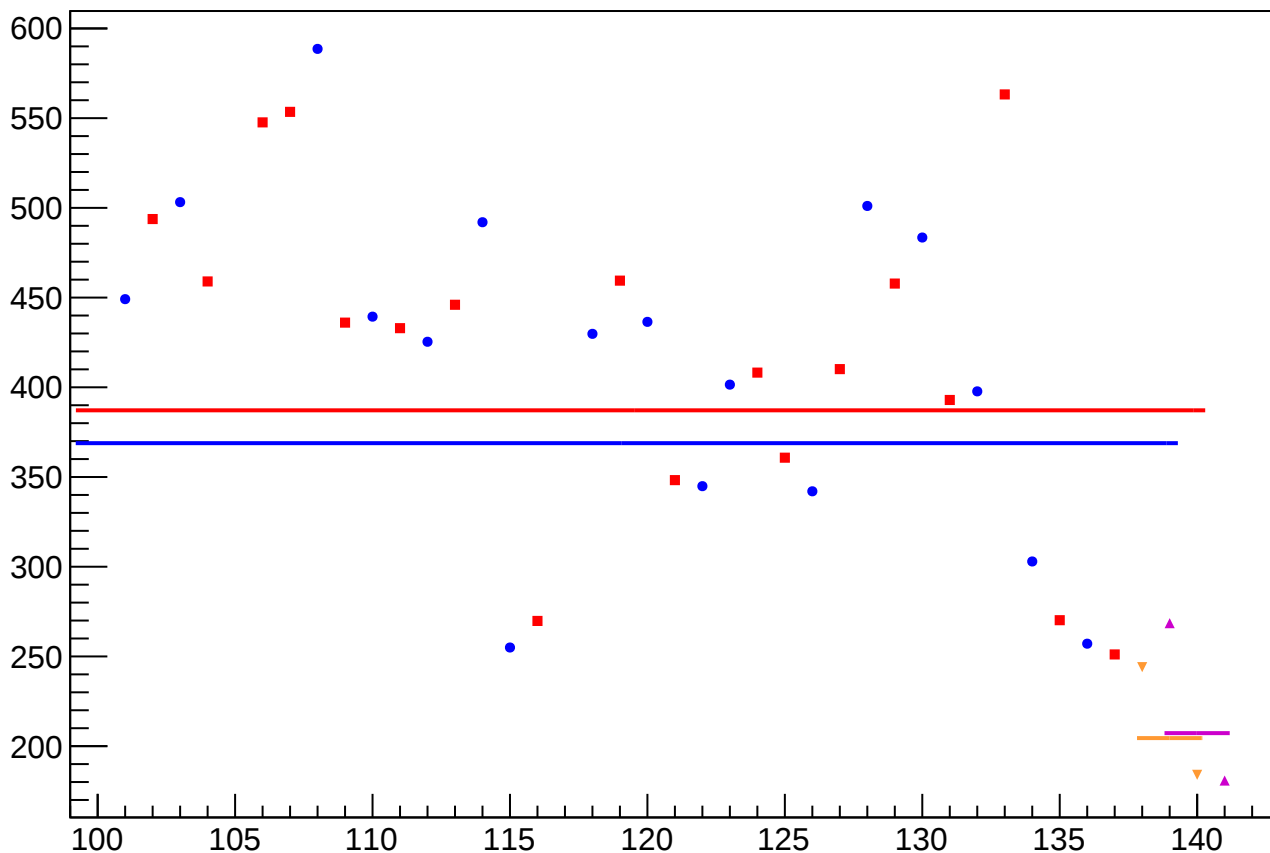
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -66.168+/-110.247 χ^2/NDF : 25.9/18

Out: -30.122+/-112.216 χ^2/NDF : 14.5/19

All: -48.464+/-78.643 χ^2/NDF : 40.5/38

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: 204.488 $\pm$ 0.119 χ^2 /NDF: 57042.0/1

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 207.255 $\pm$ 0.117 χ^2 /NDF: 118457.0/1

Left: 205.897 $\pm$ 0.083 χ^2 /NDF: 175773.9/3

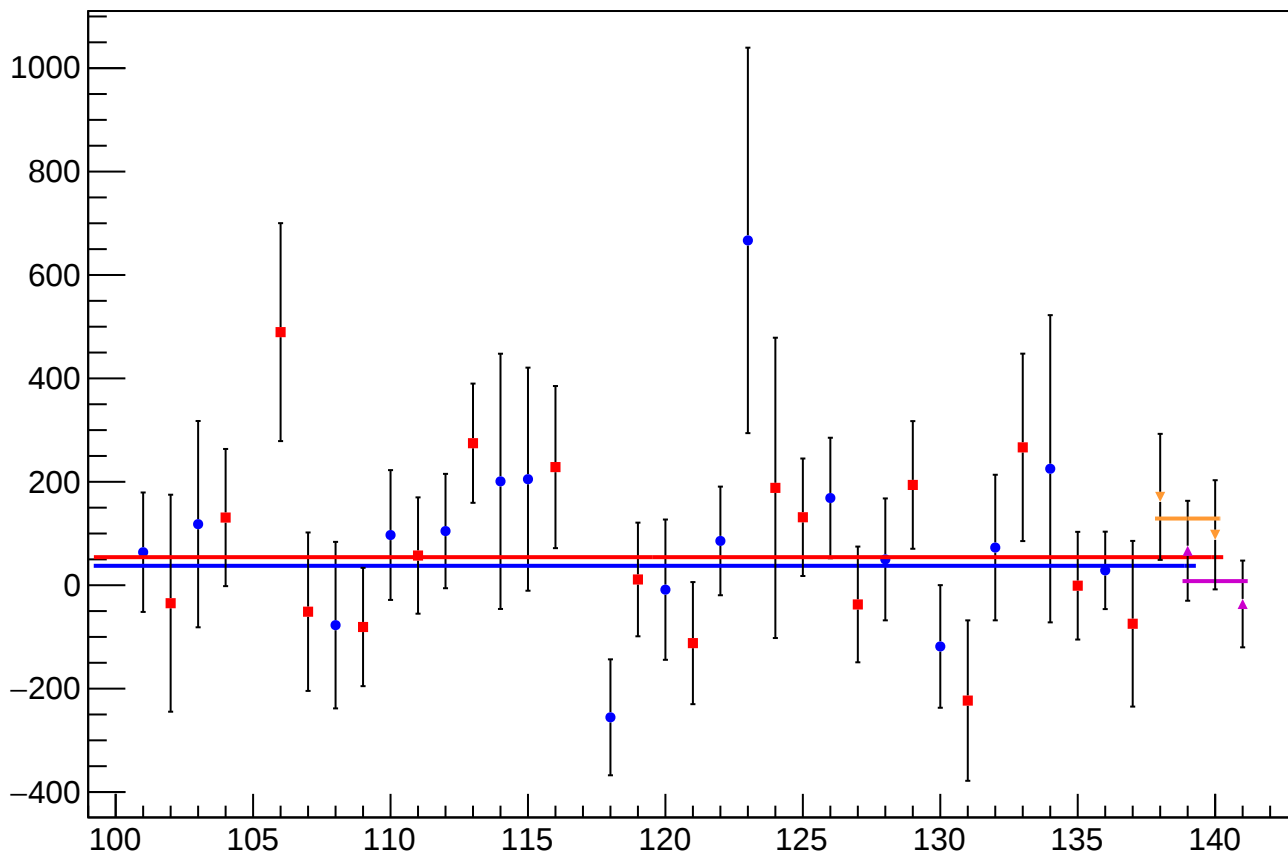
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 297.025 $\pm$ 0.078 χ^2 /NDF: 2009359.0/18

Out: 306.065 $\pm$ 0.079 χ^2 /NDF: 2123549.2/19

All: 301.465 $\pm$ 0.056 χ^2 /NDF: 4139513.5/38

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: 128.968 $\pm$ 79.798 χ^2 /NDF:0.2/1

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 7.951 $\pm$ 63.344 χ^2 /NDF:0.6/1

Left: 54.730 $\pm$ 49.613 χ^2 /NDF: 2.3/3

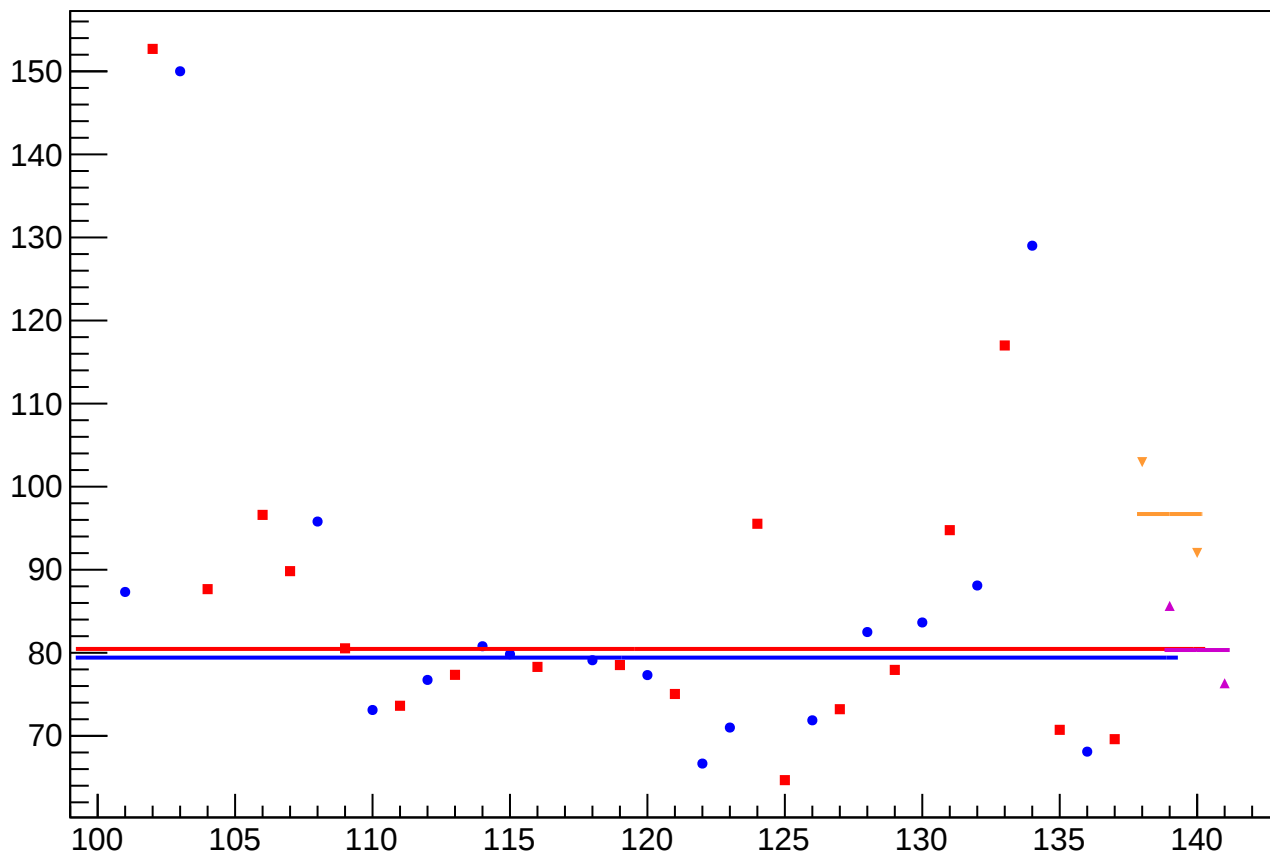
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 31.682 $\pm$ 28.176 χ^2 /NDF:16.7/18

Out: 64.338 $\pm$ 29.291 χ^2 /NDF:22.8/19

All: 47.377 $\pm$ 20.306 χ^2 /NDF: 40.1/38

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: 96.707 $\pm$ 0.056 χ^2 /NDF: 9188.6/1

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 80.336 $\pm$ 0.045 χ^2 /NDF: 10588.2/1

Left: 86.664 $\pm$ 0.035 χ^2 /NDF: 71415.4/3

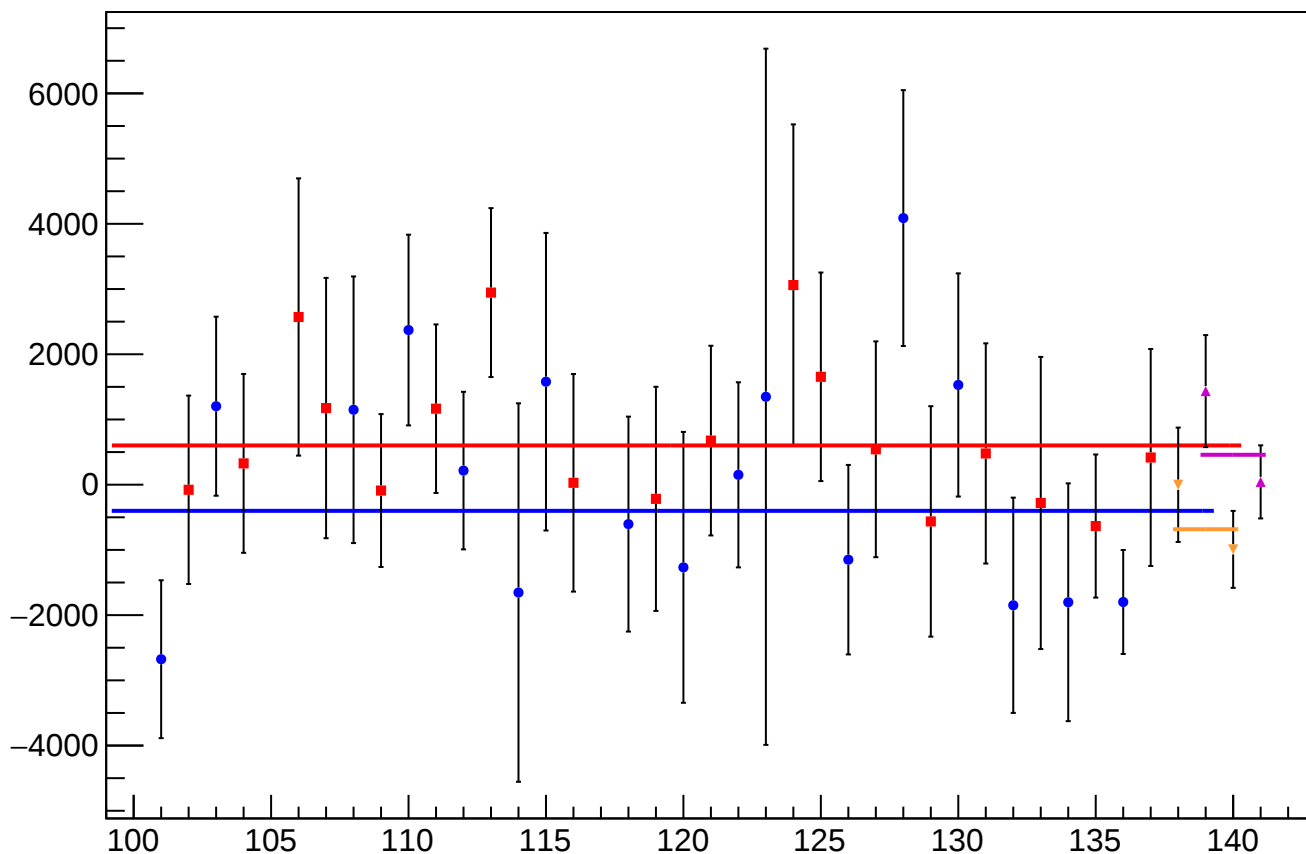
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 79.602 $\pm$ 0.020 χ^2 /NDF: 449969.8/18

Out: 82.654 $\pm$ 0.021 χ^2 /NDF: 535253.2/19

All: 81.069 $\pm$ 0.014 χ^2 /NDF: 996496.4/38

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -683.055+/-489.389 χ^2/NDF : 0.9/1

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 458.574+/-469.306 χ^2/NDF : 1.8/1

Left: -88.336+/-338.727 χ^2/NDF : 5.6/3

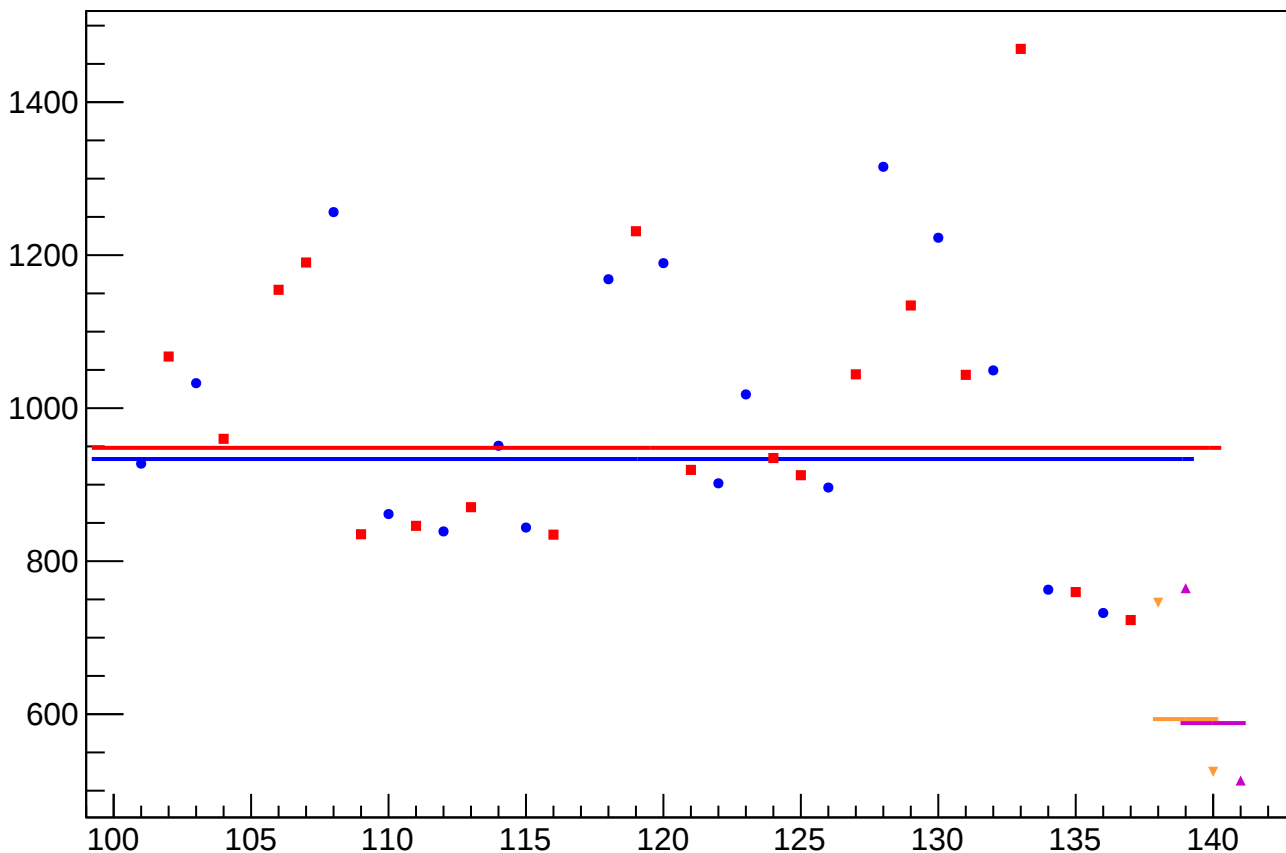
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: -73.214+/-289.821 χ^2/NDF : 25.8/18

Out: 144.764+/-291.897 χ^2/NDF : 14.0/19

All: 34.997+/-205.664 χ^2/NDF : 40.1/38

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 593.558 $\pm$ 0.346 χ^2 /NDF: 87542.3/1

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 588.374 $\pm$ 0.332 χ^2 /NDF: 120192.6/1

Left: 590.858 $\pm$ 0.240 χ^2 /NDF: 207851.9/3

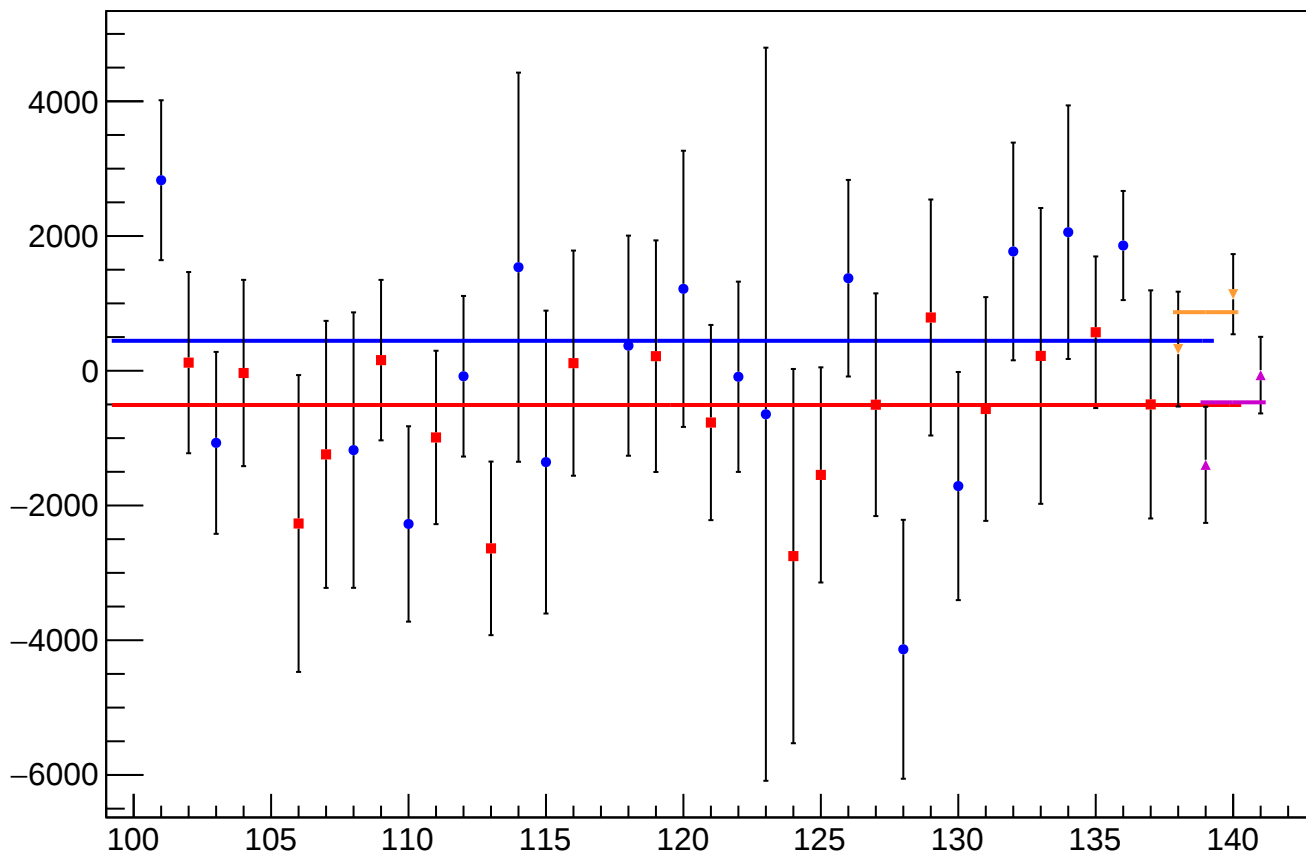
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 801.898 $\pm$ 0.205 χ^2 /NDF: 1231751.0/18

Out: 821.990 $\pm$ 0.206 χ^2 /NDF: 1169063.9/19

All: 811.872 $\pm$ 0.145 χ^2 /NDF: 2405586.4/38

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 869.608+/-487.929 χ^2/NDF : 0.6/1

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -468.671+/-474.545 χ^2/NDF : 1.7/1

Left: 181.863+/-340.187 χ^2/NDF : 6.1/3

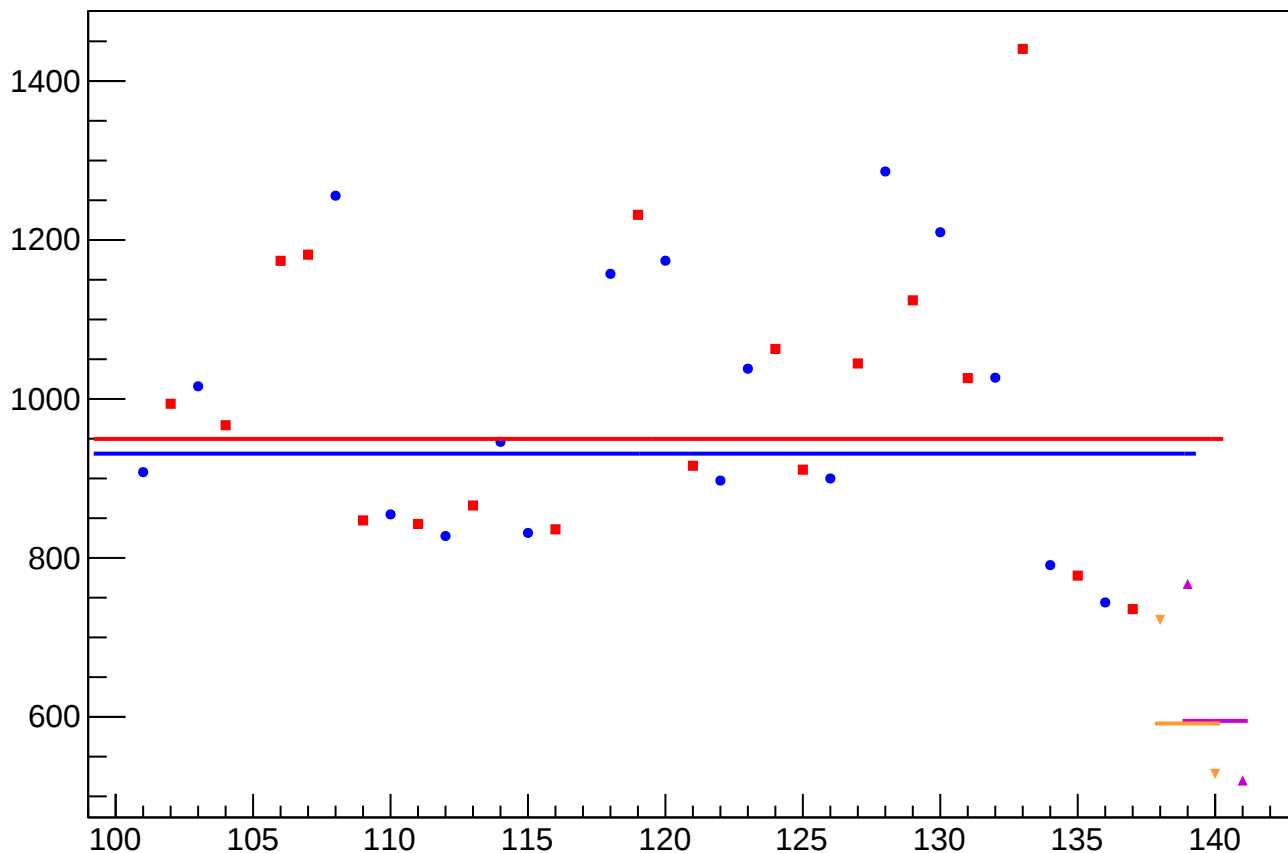
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 102.729+/-290.360 χ^2/NDF : 26.9/18

Out: -15.389+/-291.815 χ^2/NDF : 13.0/19

All: 43.965+/-205.828 χ^2/NDF : 40.0/38

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 591.696+/-0.345 χ^2/NDF : 69446.2/1

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 594.963+/-0.336 χ^2/NDF : 114727.4/1

Left: 593.375+/-0.241 χ^2/NDF : 184219.7/3

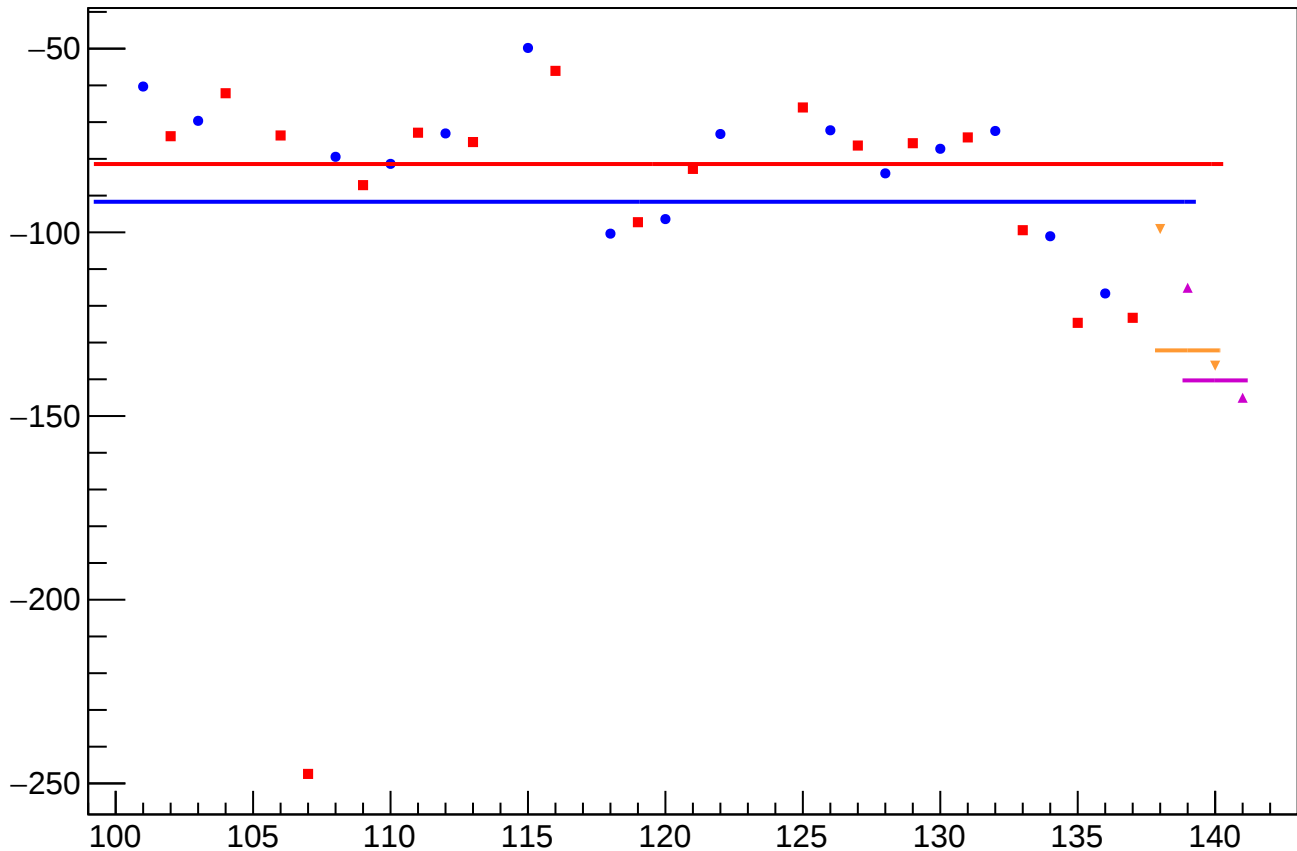
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 805.320+/-0.205 χ^2/NDF : 1143144.4/18

Out: 821.672+/-0.206 χ^2/NDF : 1126730.0/19

All: 813.455+/-0.146 χ^2/NDF : 2273030.3/38

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -132.131 ± 0.271 $\chi^2/\text{NDF}: 1868.4/1$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -140.302 ± 0.160 $\chi^2/\text{NDF}: 4649.5/1$

Left: -138.194 ± 0.138 $\chi^2/\text{NDF}: 7191.0/3$

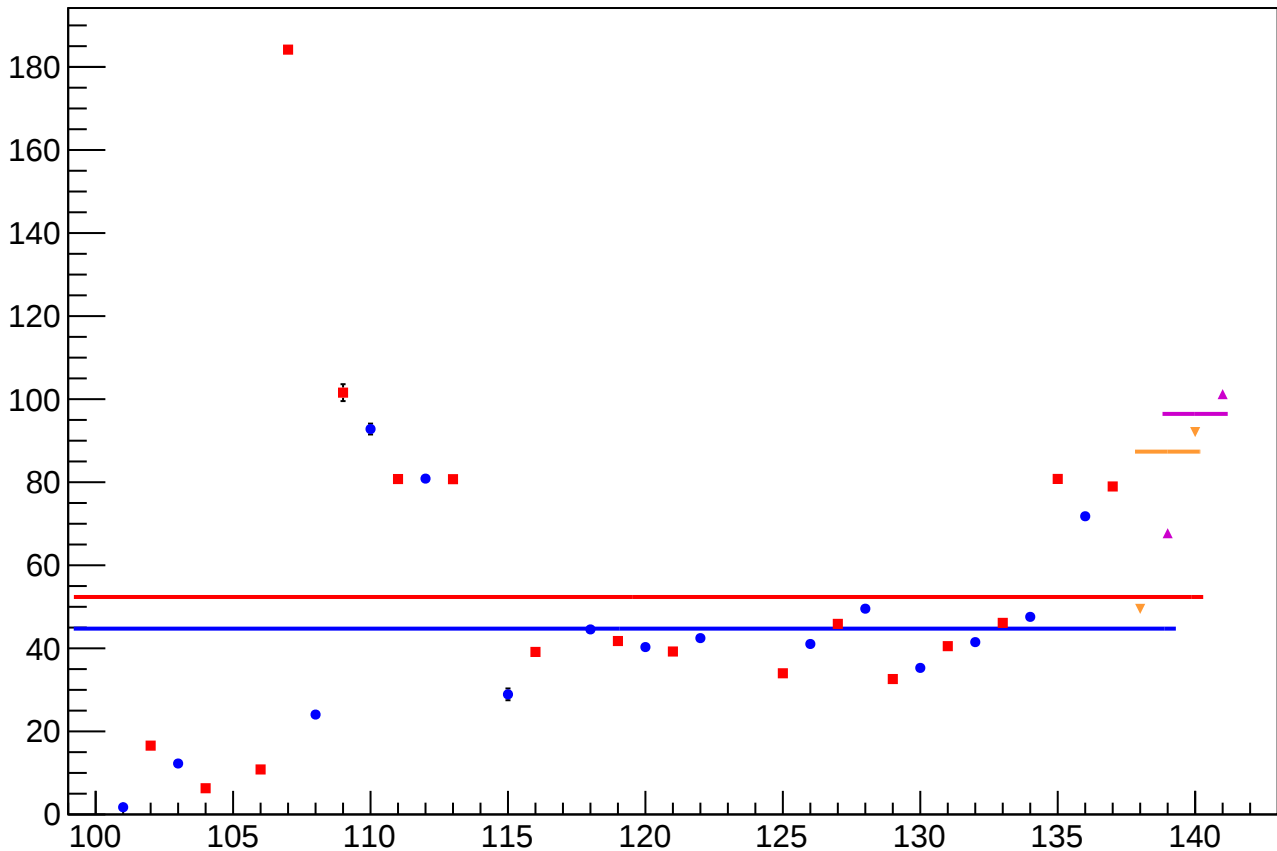
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -99.520 ± 0.064 $\chi^2/\text{NDF}: 146781.3/16$

Out: -87.311 ± 0.093 $\chi^2/\text{NDF}: 74471.5/18$

All: -95.552 ± 0.053 $\chi^2/\text{NDF}: 232996.2/35$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 87.369+/-0.290 χ^2/NDF : 2124.1/1

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 96.453+/-0.160 χ^2/NDF : 5317.1/1

Left: 94.323+/-0.140 χ^2/NDF : 8193.7/3

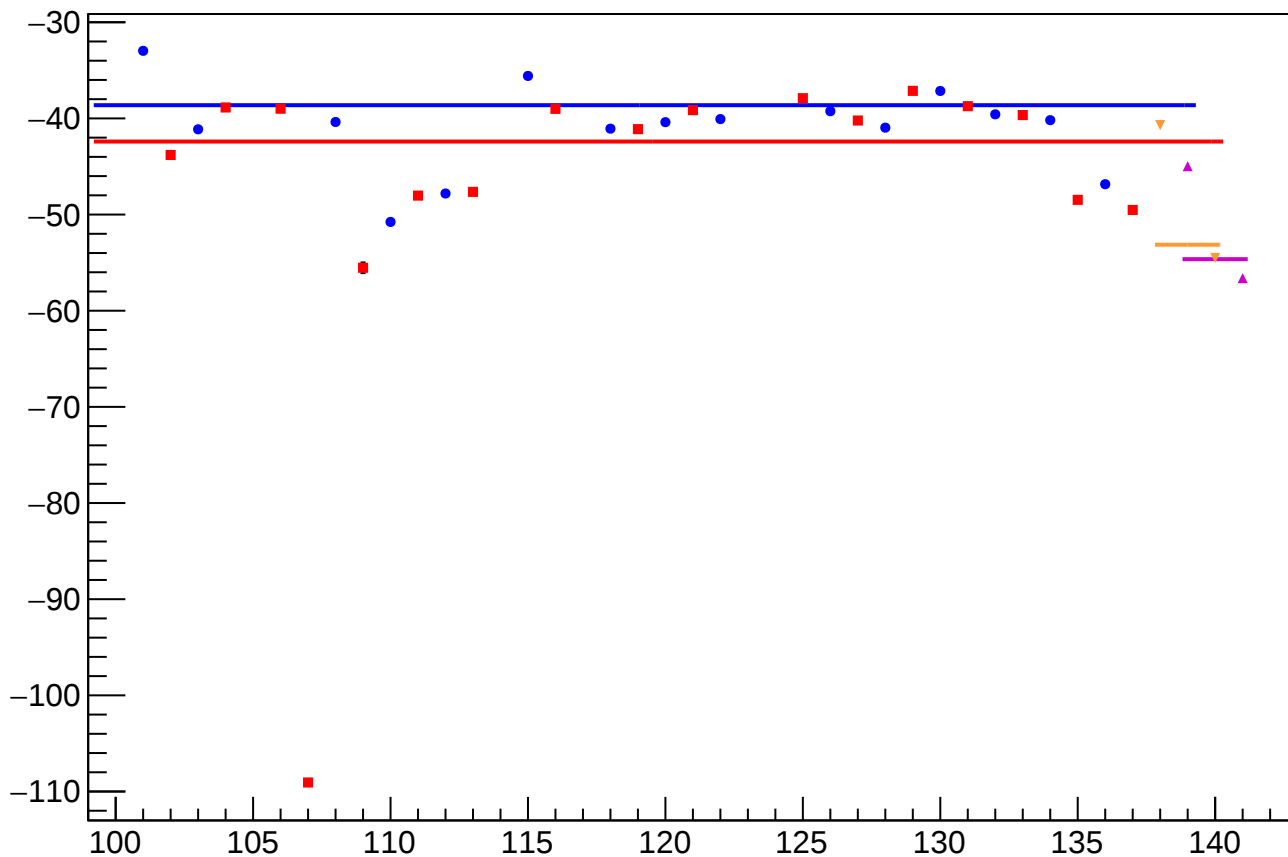
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 51.201+/-0.057 χ^2/NDF : 181012.2/16

Out: 56.957+/-0.105 χ^2/NDF : 84090.6/18

All: 52.501+/-0.050 χ^2/NDF : 267432.8/35

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -53.136 ± 0.077 $\chi^2/\text{NDF}: 2882.6/1$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -54.638 ± 0.046 $\chi^2/\text{NDF}: 8933.6/1$

Left: -54.240 ± 0.040 $\chi^2/\text{NDF}: 12095.8/3$

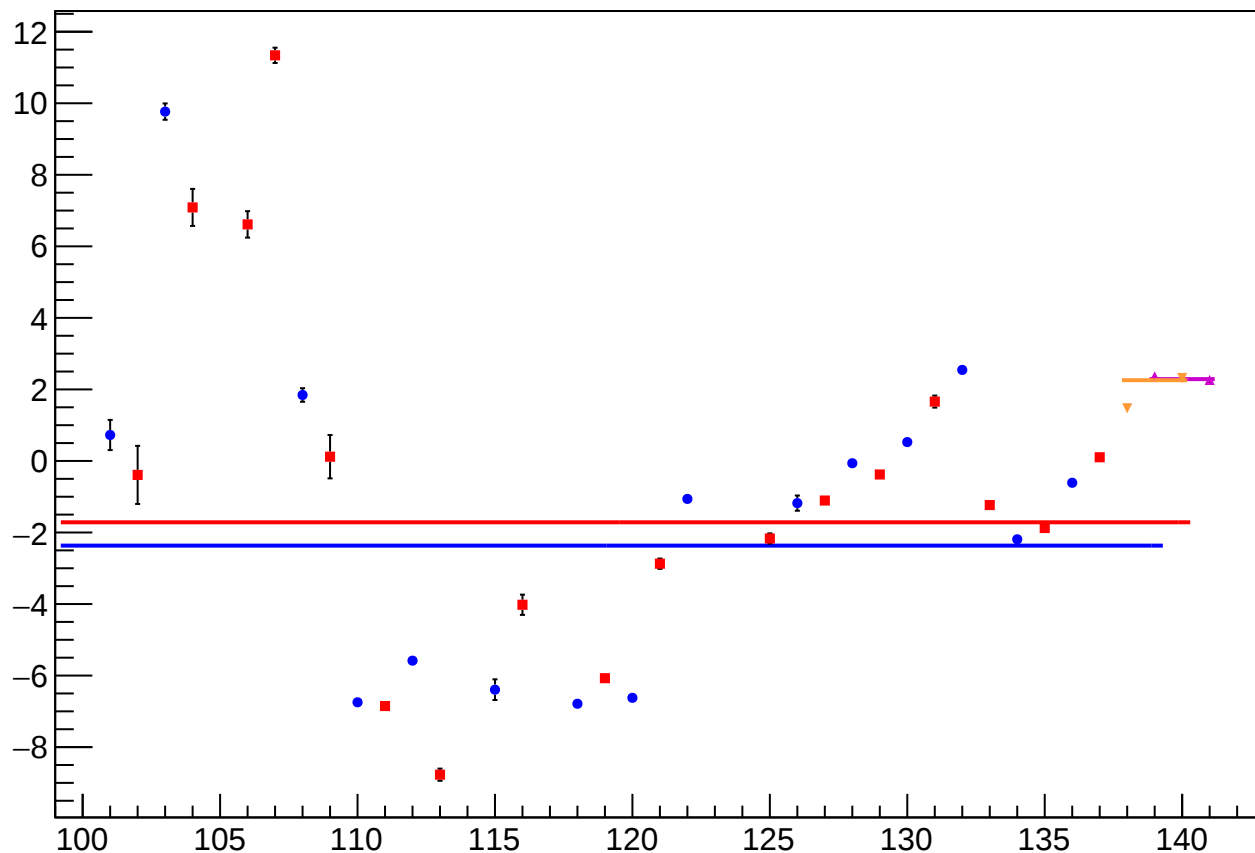
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.121 ± 0.008 $\chi^2/\text{NDF}: 365242.7/16$

Out: -43.167 ± 0.021 $\chi^2/\text{NDF}: 290038.5/18$

All: -39.671 ± 0.008 $\chi^2/\text{NDF}: 688876.4/35$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.258 ± 0.036 $\chi^2/\text{NDF}: 38.3/1$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 2.288 ± 0.022 $\chi^2/\text{NDF}: 3.6/1$

Left: 2.280 ± 0.019 $\chi^2/\text{NDF}: 42.5/3$

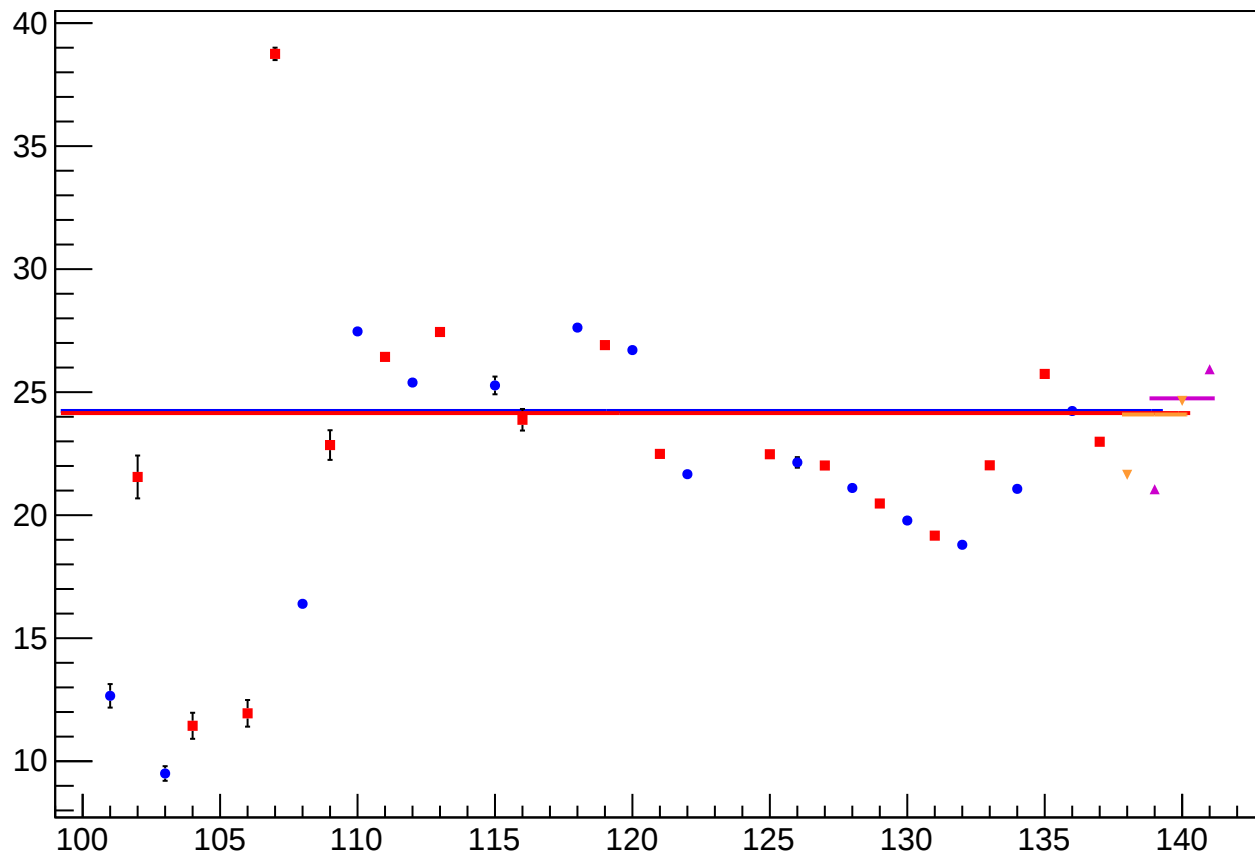
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.994 ± 0.012 $\chi^2/\text{NDF}: 61060.1/16$

Out: -0.261 ± 0.021 $\chi^2/\text{NDF}: 20686.0/18$

All: -0.824 ± 0.010 $\chi^2/\text{NDF}: 82640.0/35$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 24.093 ± 0.066 $\chi^2/\text{NDF}: 307.5/1$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 24.748 ± 0.037 $\chi^2/\text{NDF}: 3151.3/1$

Left: 24.591 ± 0.032 $\chi^2/\text{NDF}: 3532.9/3$

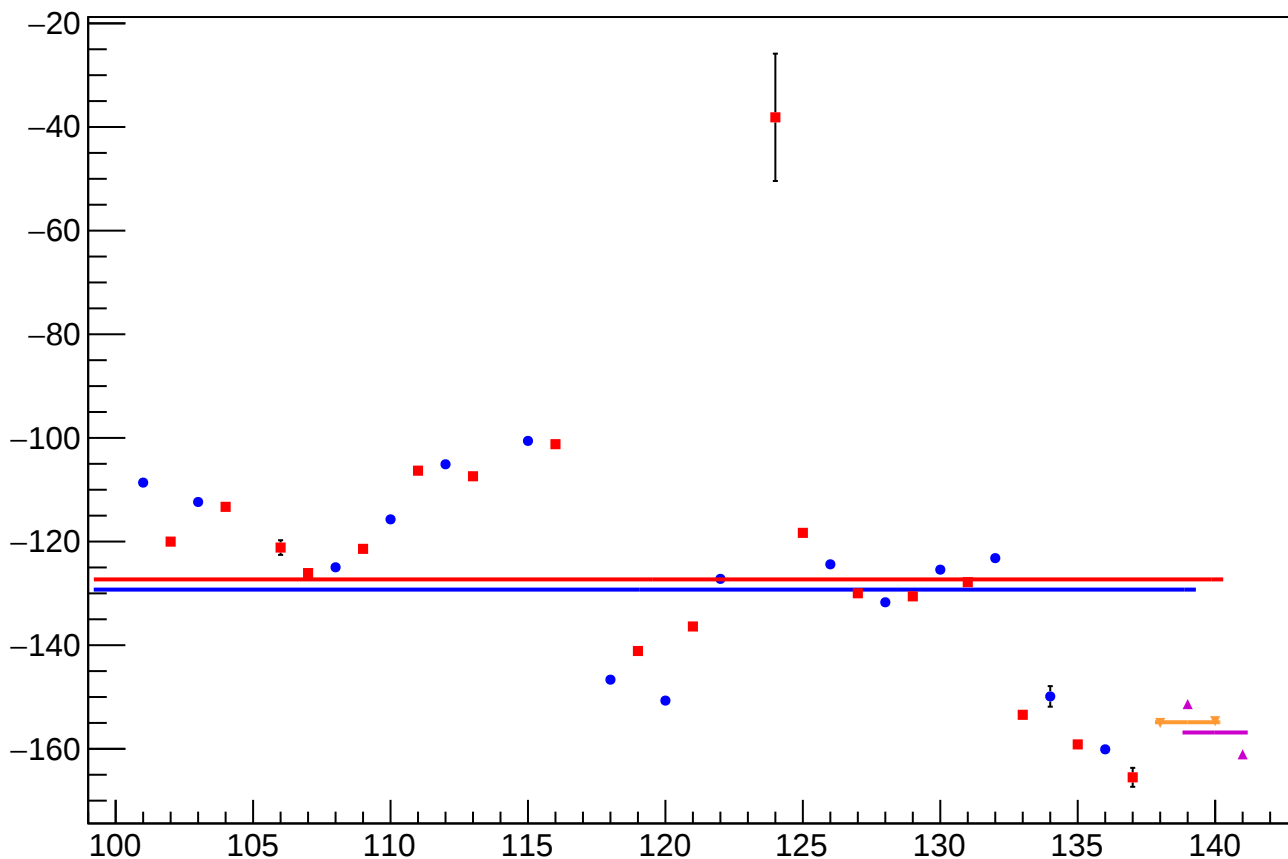
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 24.368 ± 0.019 $\chi^2/\text{NDF}: 25188.9/16$

Out: 24.143 ± 0.023 $\chi^2/\text{NDF}: 13530.7/18$

All: 24.277 ± 0.015 $\chi^2/\text{NDF}: 38776.9/35$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -154.866+/-0.185 χ^2/NDF : 0.8/1

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -156.845+/-0.169 χ^2/NDF : 811.7/1

Left: -155.946+/-0.125 χ^2/NDF : 875.1/3

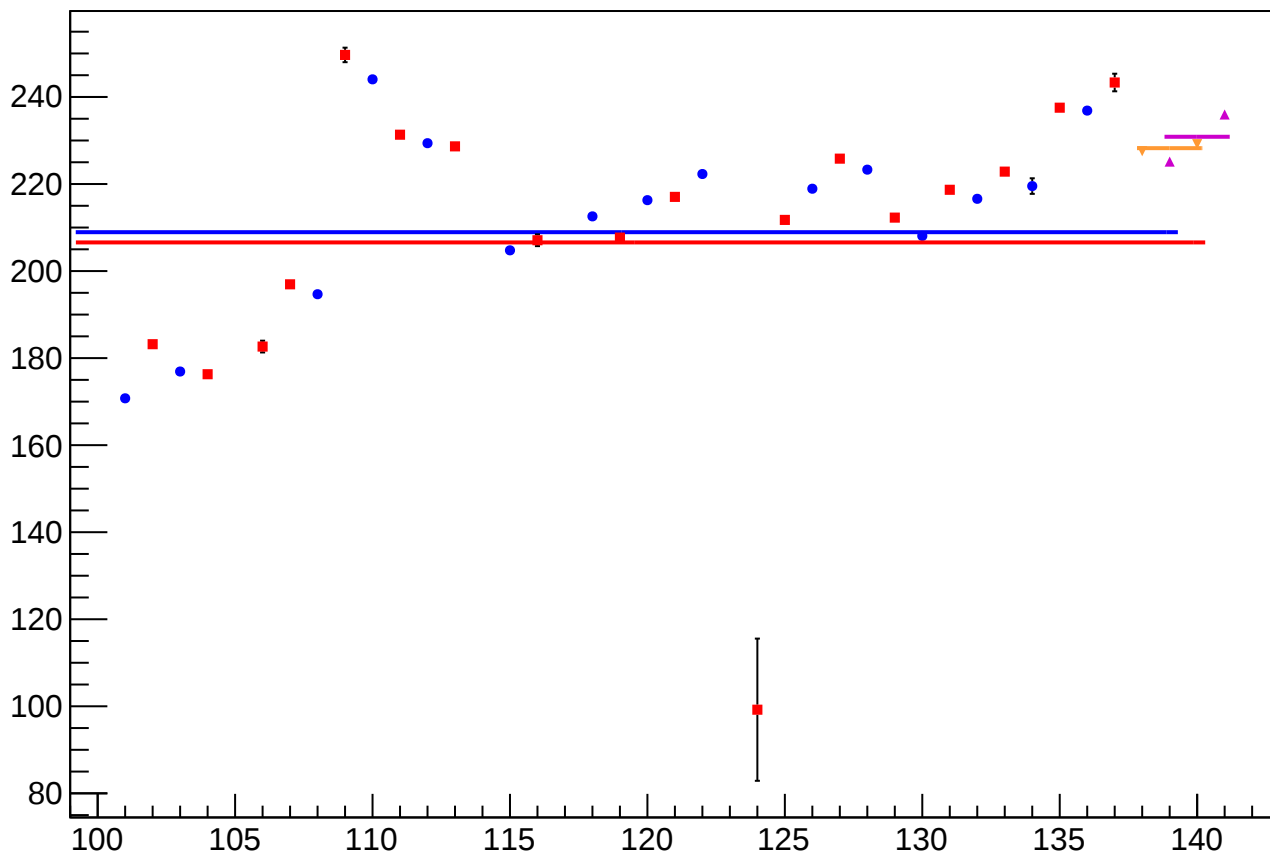
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -135.148+/-0.078 χ^2/NDF : 56951.6/16

Out: -132.053+/-0.077 χ^2/NDF : 48013.4/19

All: -133.577+/-0.055 χ^2/NDF : 105767.2/36

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 228.240 $\pm$ 0.190 χ^2 /NDF:18.1/1

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 230.858 $\pm$ 0.155 χ^2 /NDF:1217.8/1

Left: 229.810 $\pm$ 0.120 χ^2 /NDF: 1350.3/3

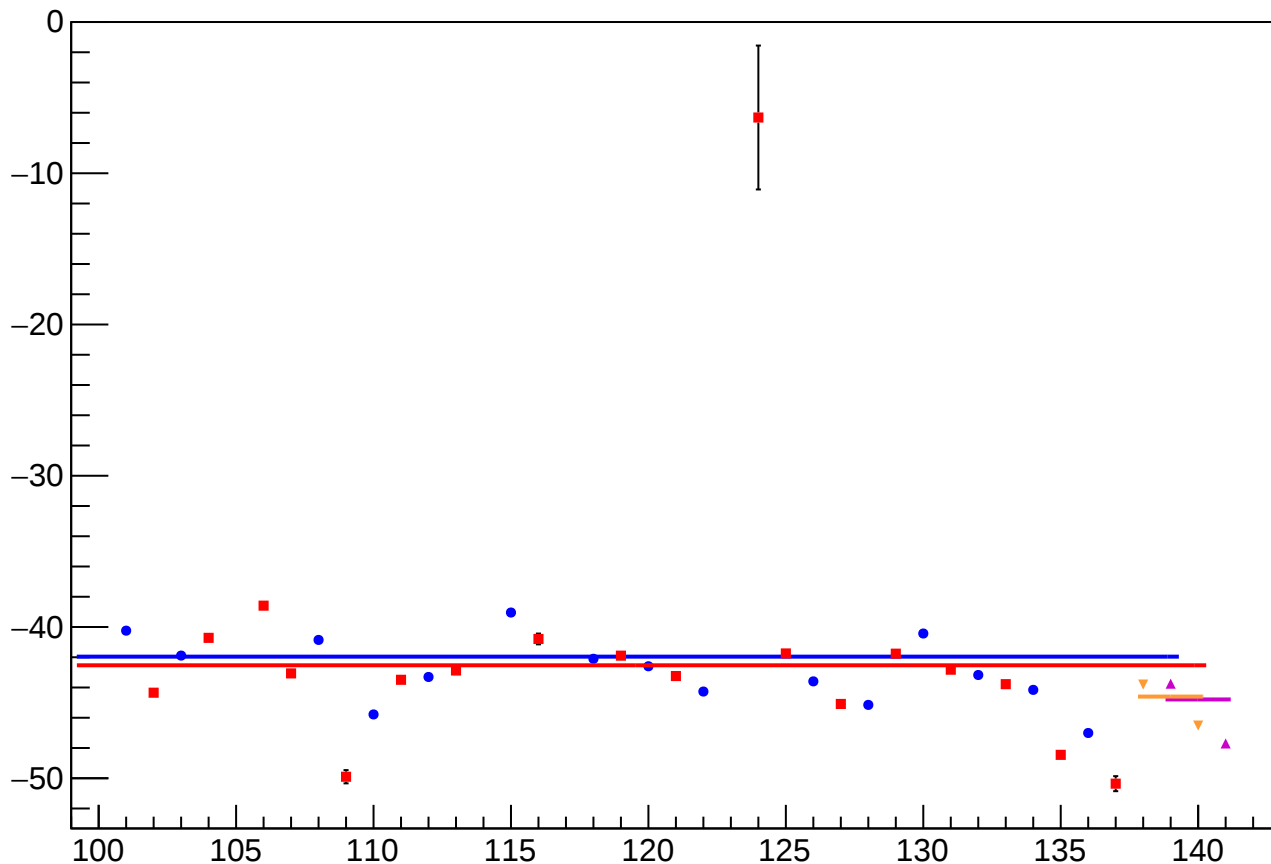
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 214.397 $\pm$ 0.077 χ^2 /NDF:60954.5/16

Out: 210.080 $\pm$ 0.076 χ^2 /NDF:59179.7/19

All: 212.206 $\pm$ 0.054 χ^2 /NDF: 121716.6/36

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -44.600 ± 0.030 χ^2/NDF : 1697.7/1

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -44.790 ± 0.023 χ^2/NDF : 5644.3/1

Left: -44.719 ± 0.018 χ^2/NDF : 7367.2/3

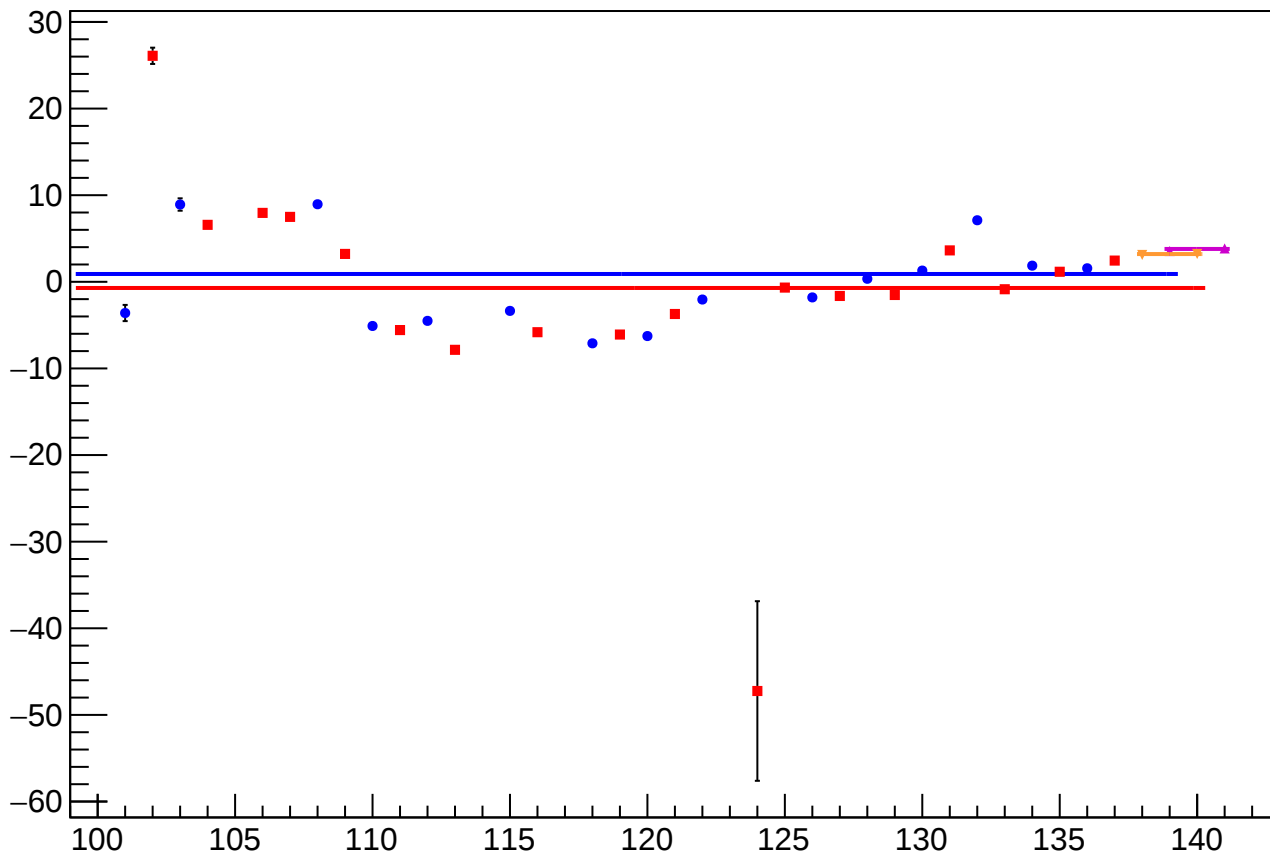
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -42.842 ± 0.013 χ^2/NDF : 40126.5/16

Out: -43.198 ± 0.017 χ^2/NDF : 11064.4/19

All: -42.972 ± 0.010 χ^2/NDF : 51468.8/36

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 3.205 ± 0.029 χ^2/NDF : 1.3/1

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.794 ± 0.025 χ^2/NDF : 23.3/1

Left: 3.539 ± 0.019 χ^2/NDF : 265.4/3

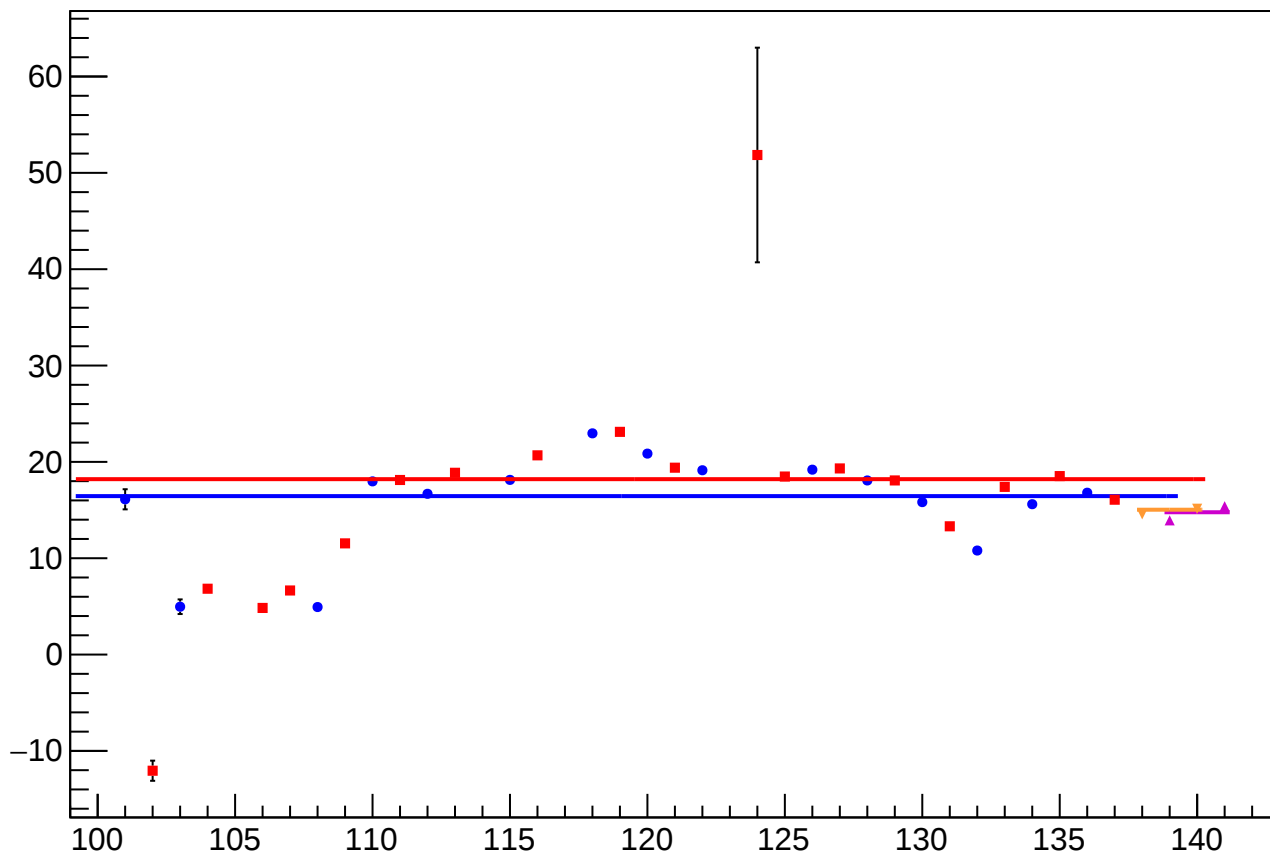
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.034 ± 0.016 χ^2/NDF : 29299.8/16

Out: 0.932 ± 0.019 χ^2/NDF : 41618.6/19

All: 1.575 ± 0.012 χ^2/NDF : 72987.7/36

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447+/-0.024 χ^2/NDF : 14183.1/14

Left Out: 15.036+/-0.041 χ^2/NDF : 29.0/1

Right Out: 18.207+/-0.020 χ^2/NDF : 27493.7/17

Left In: 14.772+/-0.031 χ^2/NDF : 537.7/1

Left: 14.868+/-0.025 χ^2/NDF : 592.5/3

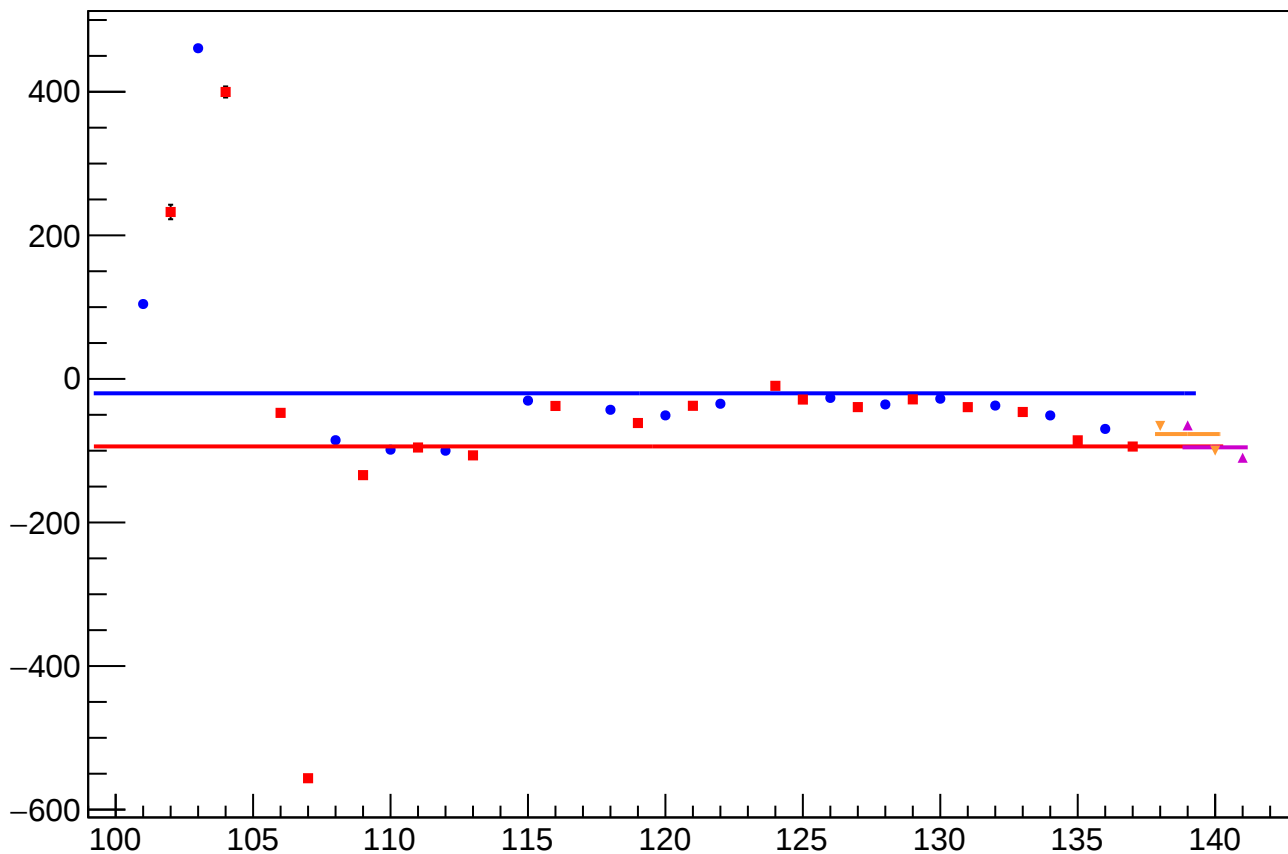
Right: 17.482+/-0.016 χ^2/NDF : 44731.9/32

In: 15.815+/-0.019 χ^2/NDF : 16499.6/16

Out: 17.584+/-0.018 χ^2/NDF : 32258.0/19

All: 16.744+/-0.013 χ^2/NDF : 53187.2/36

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -76.816 ± 0.313 $\chi^2/\text{NDF}: 2656.2/1$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -95.314 ± 0.388 $\chi^2/\text{NDF}: 2941.0/1$

Left: -84.118 ± 0.244 $\chi^2/\text{NDF}: 6973.5/3$

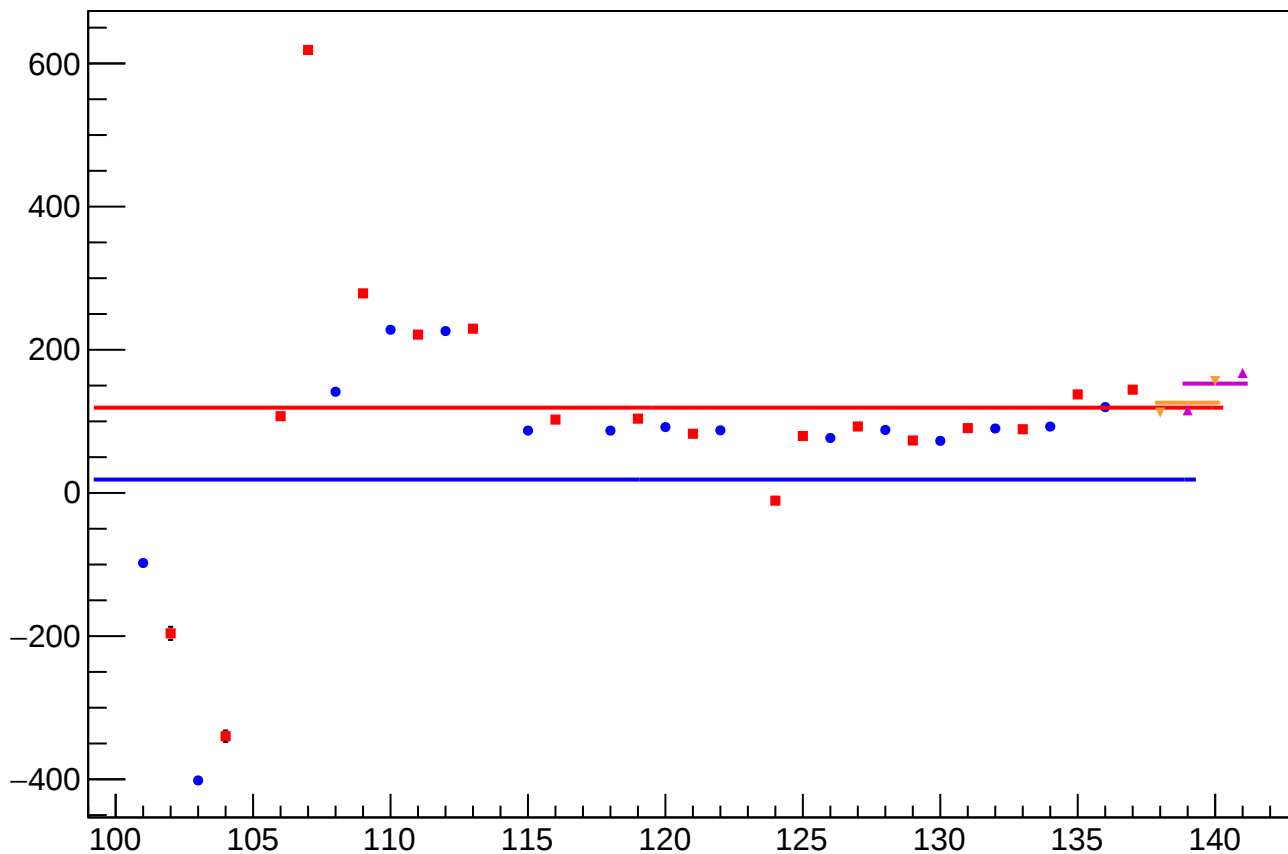
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -30.207 ± 0.142 $\chi^2/\text{NDF}: 476963.7/16$

Out: -94.023 ± 0.012 $\chi^2/\text{NDF}: 93165.5/19$

All: -93.541 ± 0.012 $\chi^2/\text{NDF}: 769316.8/36$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 126.085+/-0.318 χ^2/NDF : 4141.4/1

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 152.748+/-0.372 χ^2/NDF : 4007.2/1

Left: 137.322+/-0.242 χ^2/NDF : 11117.3/3

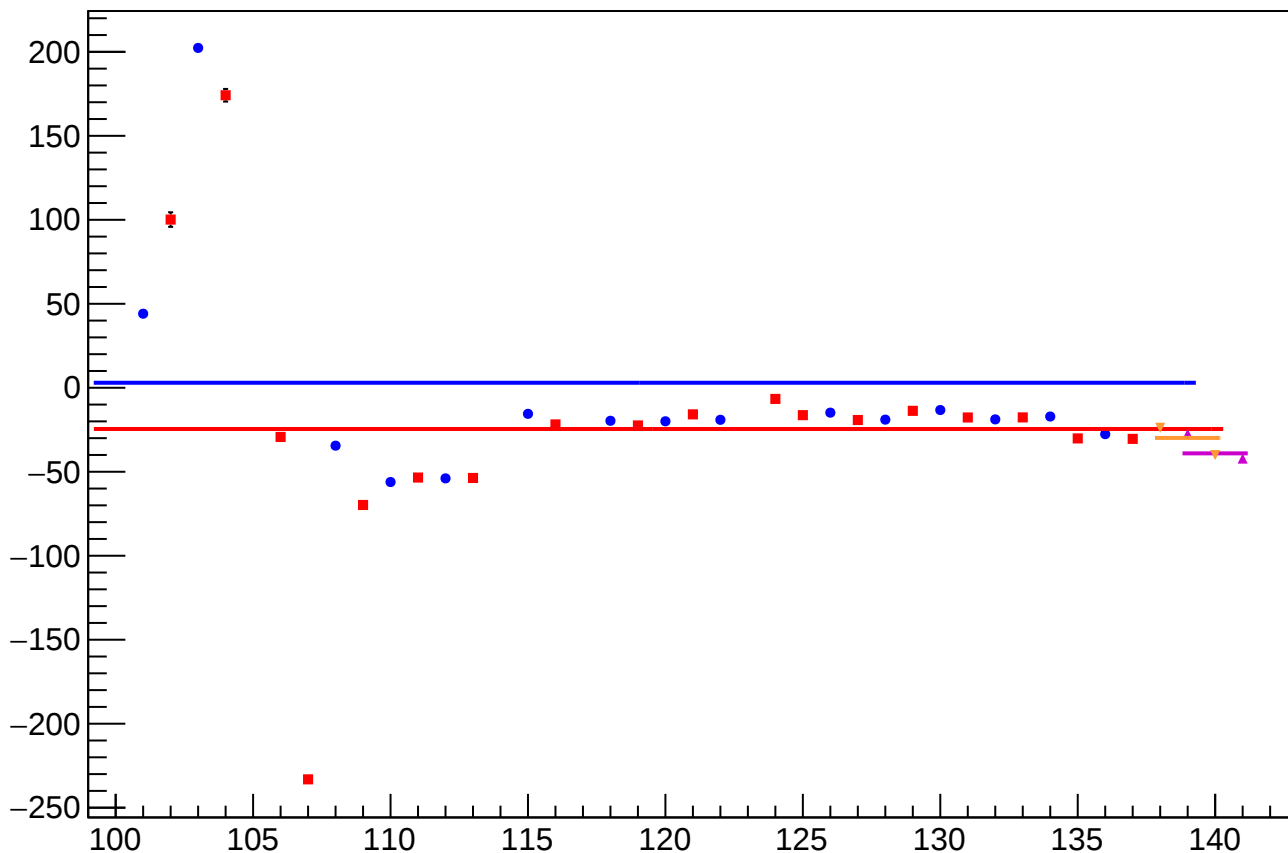
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 37.902+/-0.141 χ^2/NDF : 1216903.0/16

Out: 121.121+/-0.169 χ^2/NDF : 91931.7/19

All: 72.040+/-0.108 χ^2/NDF : 1452179.2/36

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -29.855 ± 0.075 χ^2/NDF : 10979.5/1

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -39.043 ± 0.066 χ^2/NDF : 8238.9/1

Left: -35.004 ± 0.050 χ^2/NDF : 27662.4/3

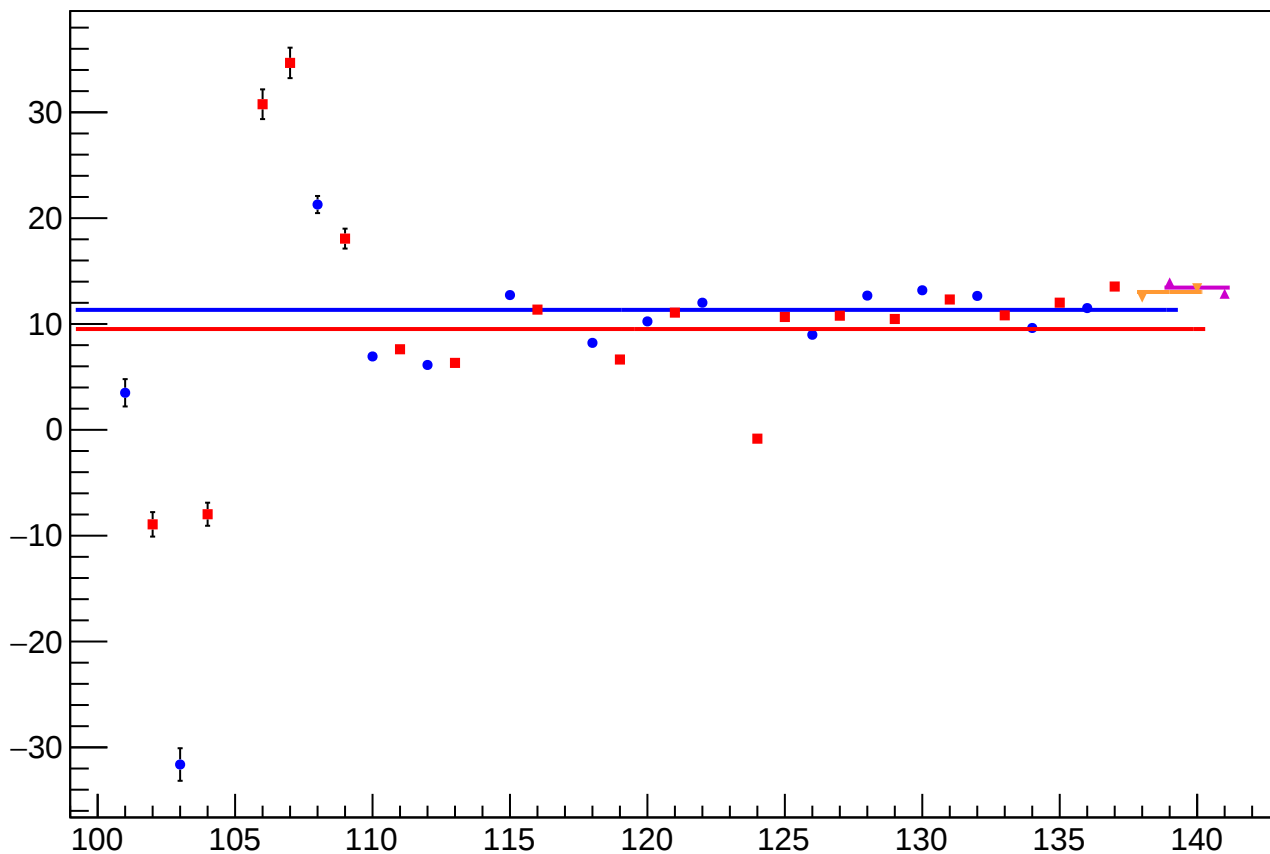
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -2.947 ± 0.025 χ^2/NDF : 3850243.9/16

Out: -25.882 ± 0.038 χ^2/NDF : 191243.0/19

All: -9.921 ± 0.021 χ^2/NDF : 4299183.6/36

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 13.024+/-0.053 χ^2/NDF : 66.6/1

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 13.439+/-0.058 χ^2/NDF : 85.4/1

Left: 13.213+/-0.039 χ^2/NDF : 180.3/3

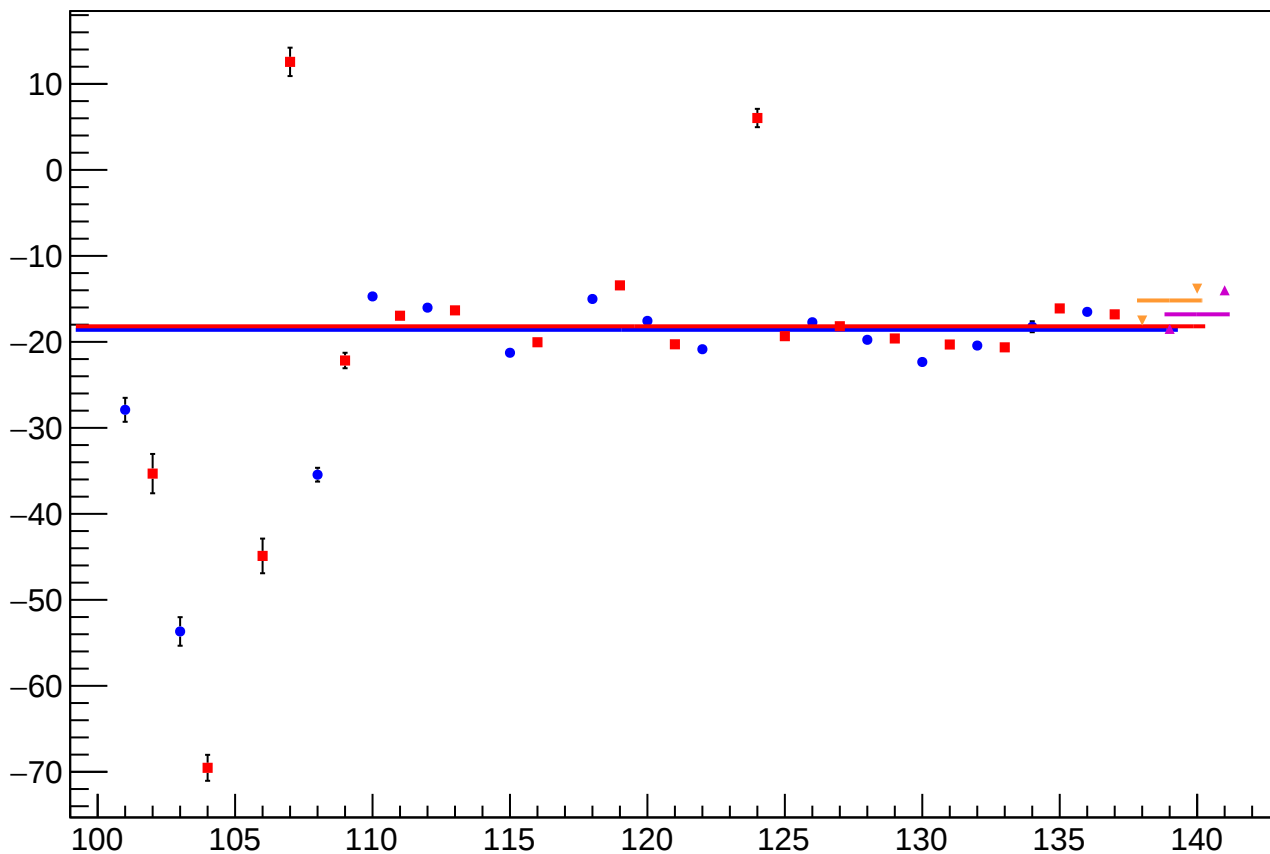
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 11.959+/-0.031 χ^2/NDF : 3432.6/16

Out: 11.113+/-0.035 χ^2/NDF : 6545.8/19

All: 11.588+/-0.023 χ^2/NDF : 10297.6/36

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -15.184 ± 0.073 $\chi^2/\text{NDF}: 600.8/1$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -16.796 ± 0.083 $\chi^2/\text{NDF}: 694.7/1$

Left: -15.891 ± 0.055 $\chi^2/\text{NDF}: 1509.4/3$

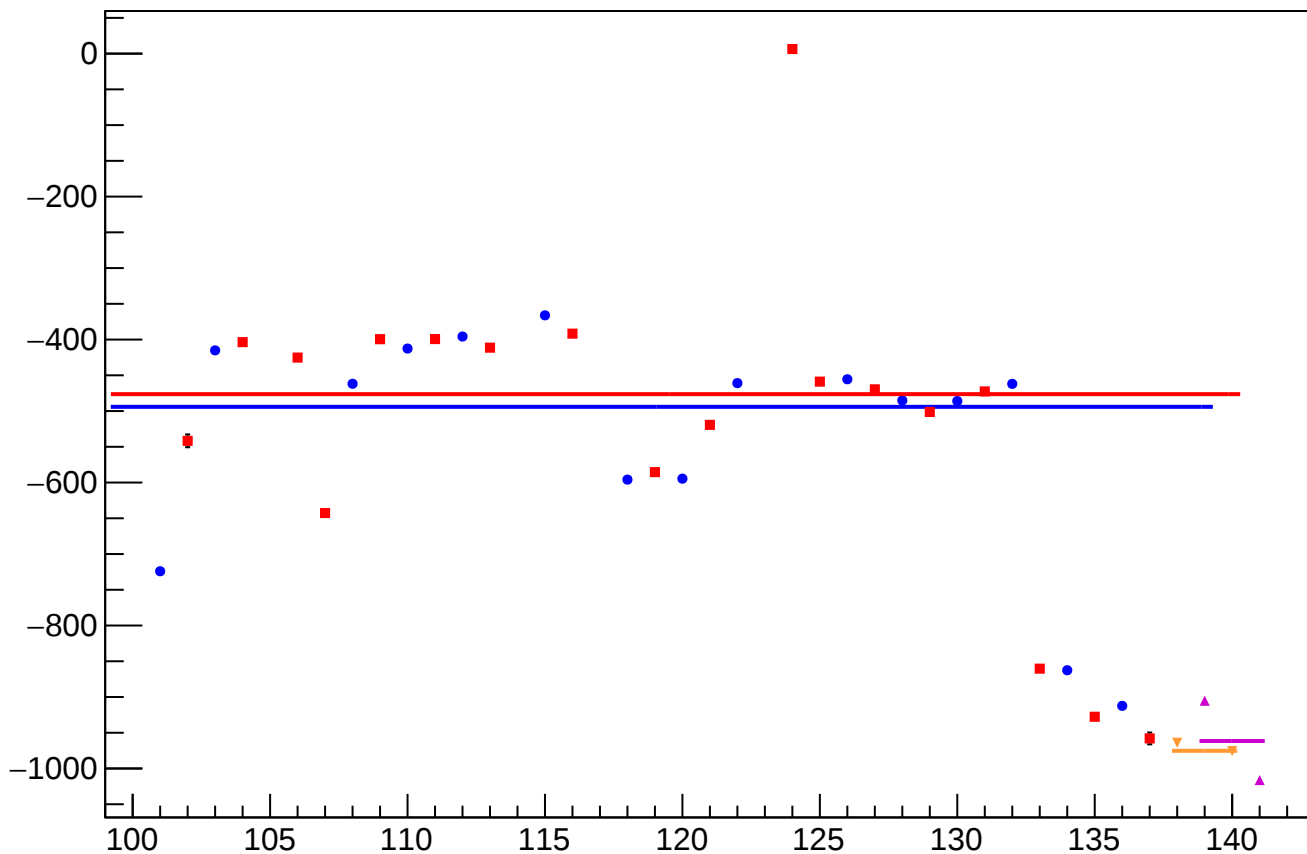
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.293 ± 0.034 $\chi^2/\text{NDF}: 7279.5/16$

Out: -17.244 ± 0.041 $\chi^2/\text{NDF}: 6643.8/19$

All: -17.866 ± 0.026 $\chi^2/\text{NDF}: 14313.2/36$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -975.267 ± 0.870 $\chi^2/\text{NDF}: 5.2/1$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -961.556 ± 0.732 $\chi^2/\text{NDF}: 5740.1/1$

Left: -967.240 ± 0.560 $\chi^2/\text{NDF}: 5890.6/3$

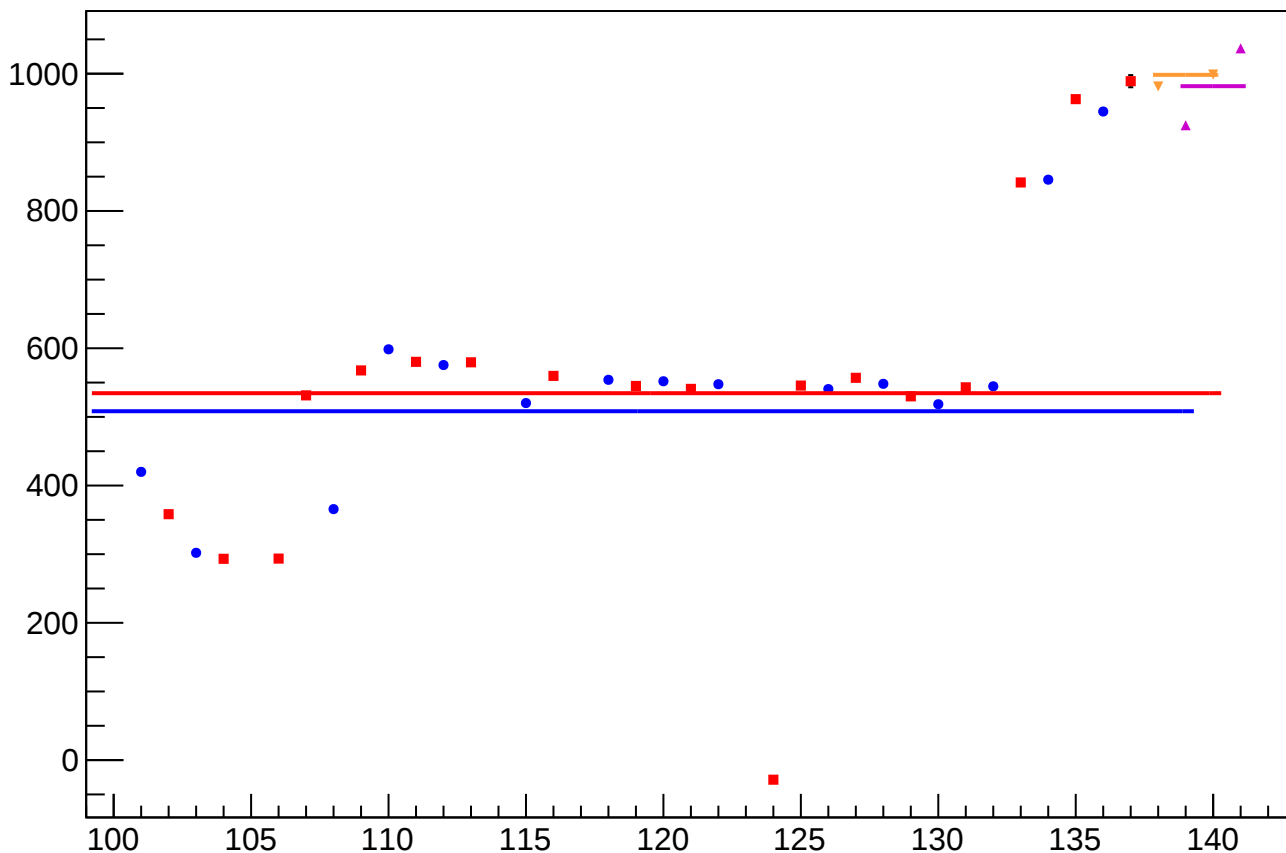
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -536.752 ± 0.221 $\chi^2/\text{NDF}: 702031.2/16$

Out: -497.947 ± 0.181 $\chi^2/\text{NDF}: 908550.4/19$

All: -513.513 ± 0.140 $\chi^2/\text{NDF}: 1629003.1/36$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 998.316+/-0.847 χ^2/NDF : 9.5/1

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 981.820+/-0.677 χ^2/NDF : 6844.9/1

Left: 988.251+/-0.529 χ^2/NDF : 7085.8/3

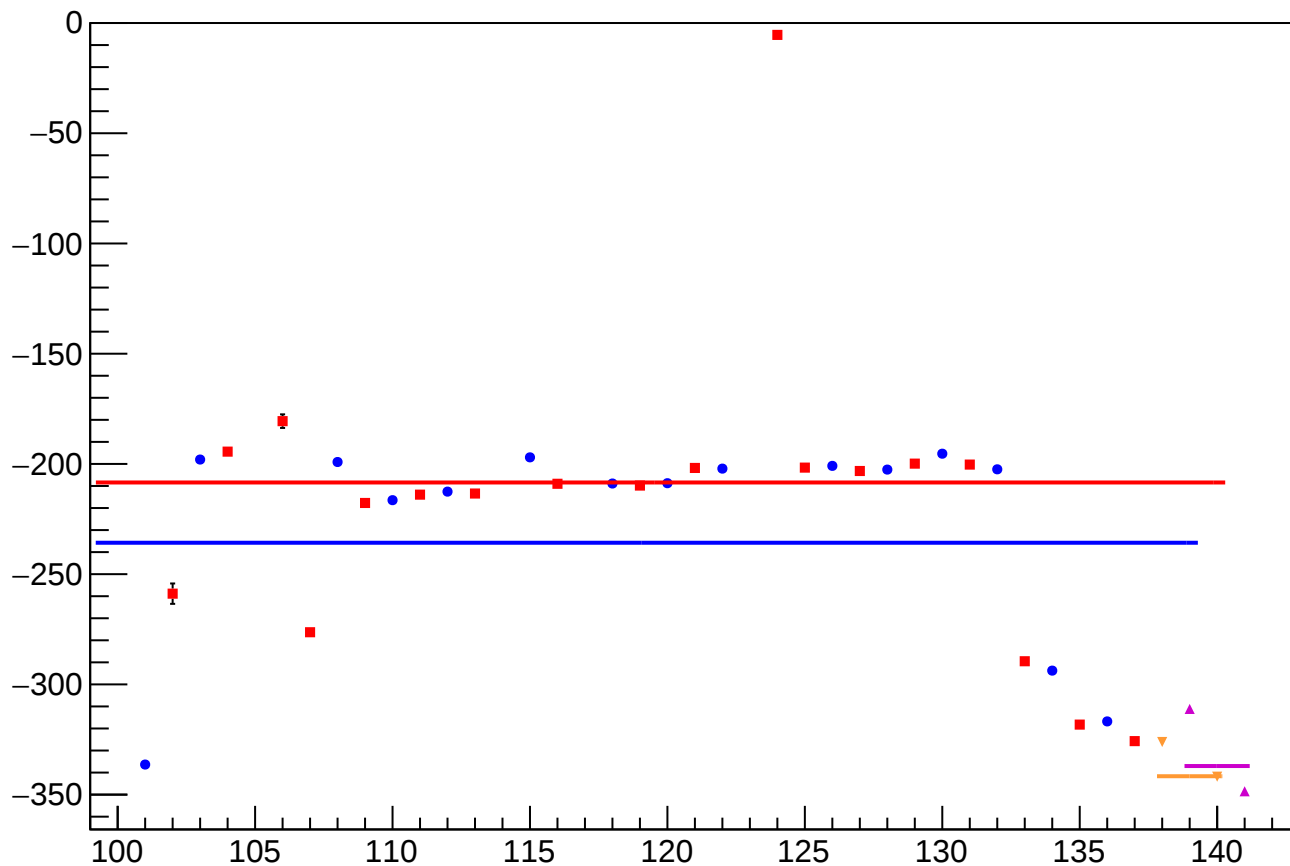
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 554.117+/-0.211 χ^2/NDF : 888205.1/16

Out: 563.147+/-0.210 χ^2/NDF : 649610.4/19

All: 558.639+/-0.149 χ^2/NDF : 1538735.5/36

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -341.657 ± 0.196 $\chi^2/\text{NDF}: 81.7/1$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -337.032 ± 0.110 $\chi^2/\text{NDF}: 24646.5/1$

Left: -338.131 ± 0.096 $\chi^2/\text{NDF}: 25150.5/3$

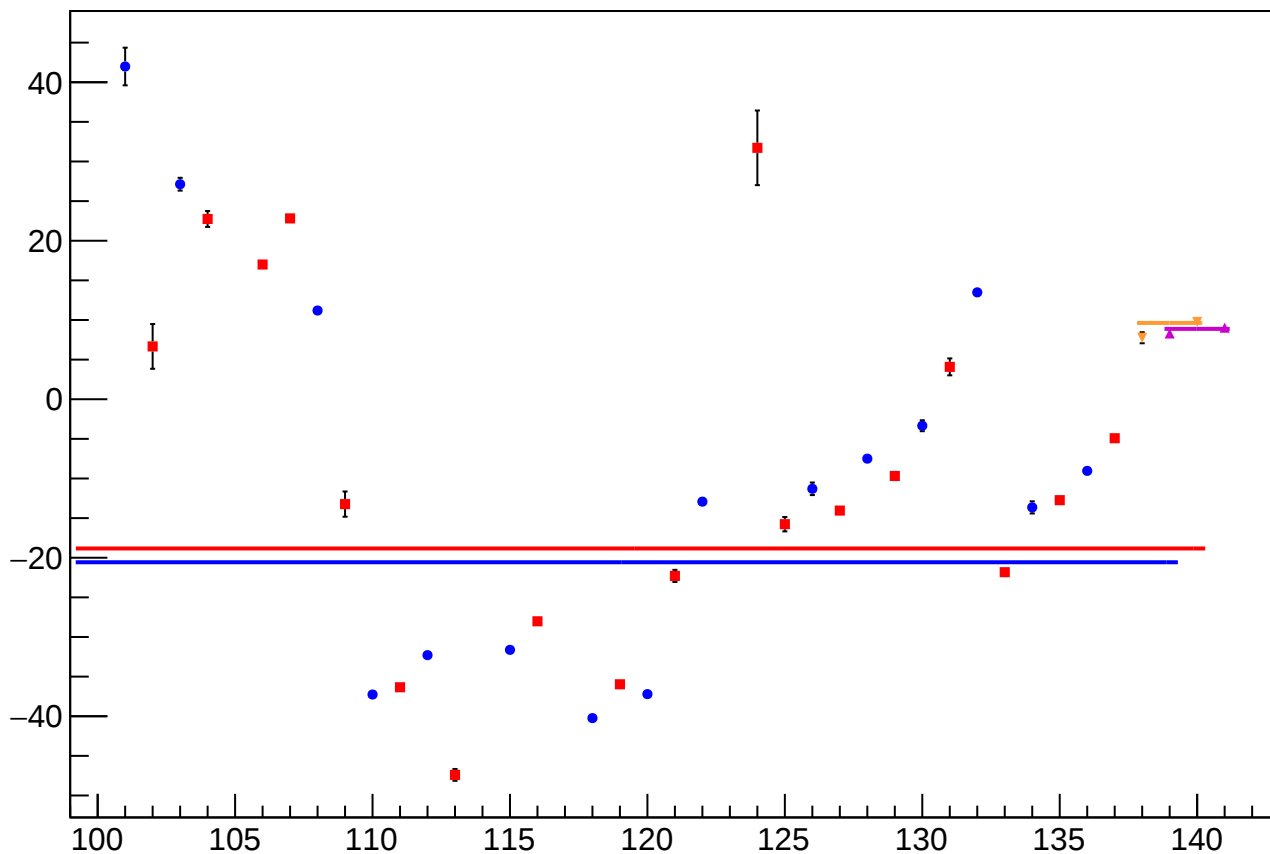
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -256.222 ± 0.049 $\chi^2/\text{NDF}: 1580813.1/16$

Out: -215.549 ± 0.045 $\chi^2/\text{NDF}: 810279.4/19$

All: -234.236 ± 0.033 $\chi^2/\text{NDF}: 2758598.0/36$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.630 ± 0.172 χ^2/NDF : 7.7/1

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.879 ± 0.095 χ^2/NDF : 9.8/1

Left: 9.054 ± 0.083 χ^2/NDF : 32.2/3

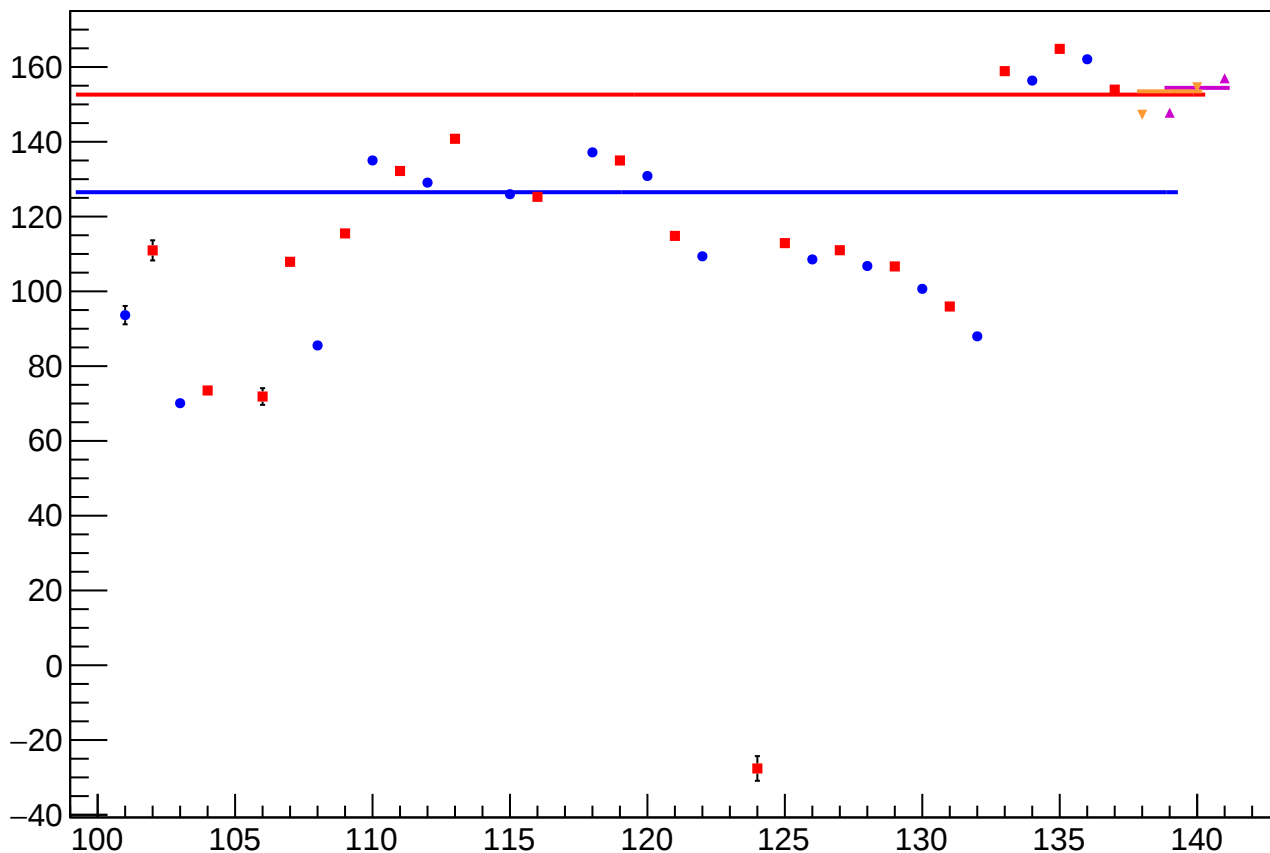
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.901 ± 0.057 χ^2/NDF : 125148.6/16

Out: -10.759 ± 0.091 χ^2/NDF : 40556.0/19

All: -10.141 ± 0.048 χ^2/NDF : 165768.0/36

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 ± 0.084 χ^2/NDF : 114967.3/14

Left Out: 153.499 ± 0.220 χ^2/NDF : 137.9/1

Right Out: 152.620 ± 0.030 χ^2/NDF : 74022.9/17

Left In: 154.420 ± 0.124 χ^2/NDF : 1110.3/1

Left: 154.199 ± 0.108 χ^2/NDF : 1261.5/3

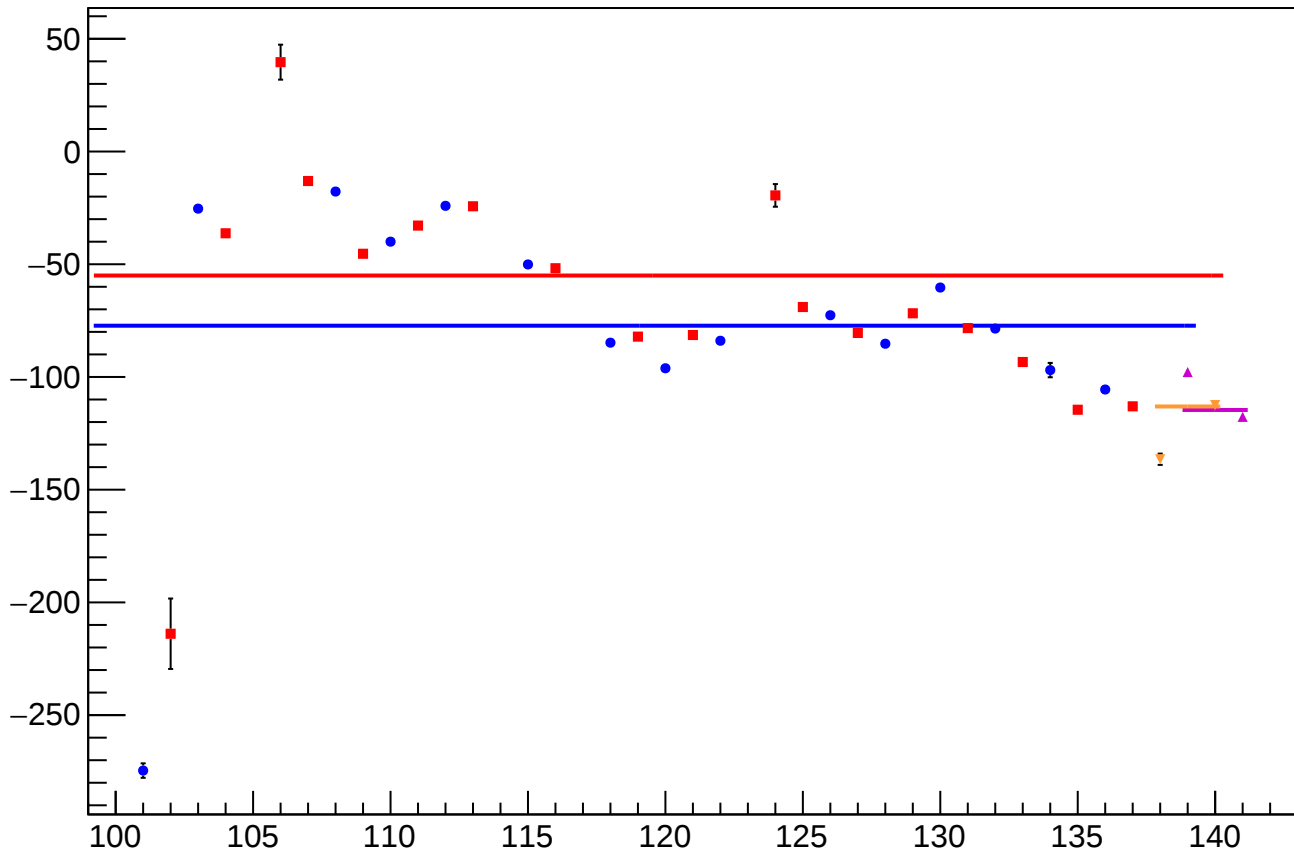
Right: 149.605 ± 0.029 χ^2/NDF : 274404.9/32

In: 135.313 ± 0.070 χ^2/NDF : 150861.4/16

Out: 152.636 ± 0.030 χ^2/NDF : 74176.6/19

All: 149.906 ± 0.028 χ^2/NDF : 277360.1/36

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -113.090 ± 0.400 $\chi^2/\text{NDF}: 90.1/1$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -114.642 ± 0.291 $\chi^2/\text{NDF}: 607.3/1$

Left: -114.105 ± 0.235 $\chi^2/\text{NDF}: 707.3/3$

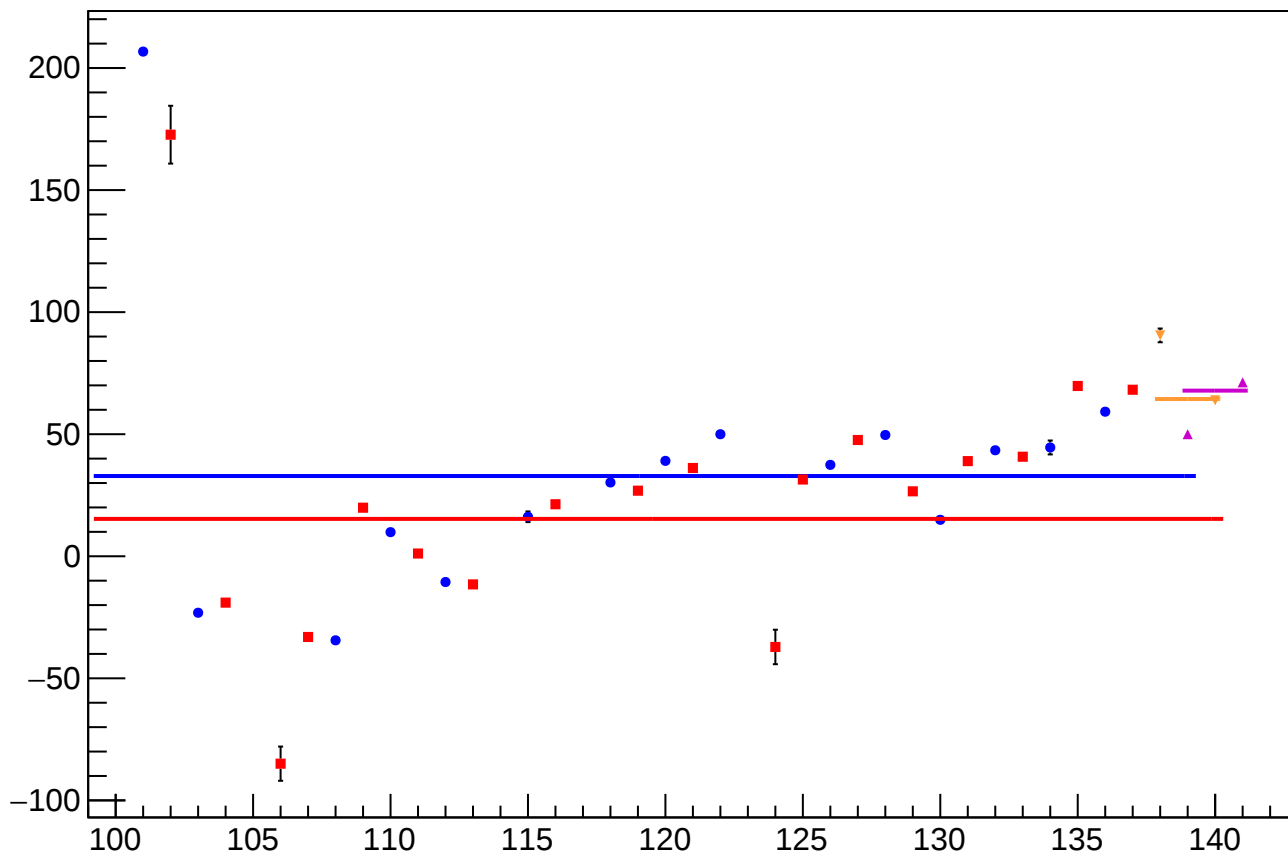
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.822 ± 0.131 $\chi^2/\text{NDF}: 44142.4/16$

Out: -65.719 ± 0.172 $\chi^2/\text{NDF}: 40910.6/19$

All: -77.813 ± 0.104 $\chi^2/\text{NDF}: 92878.5/36$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 64.412 $\pm$ 0.404 χ^2 /NDF:87.4/1

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 67.851 $\pm$ 0.270 χ^2 /NDF:834.4/1

Left: 66.793 $\pm$ 0.224 χ^2 /NDF: 971.9/3

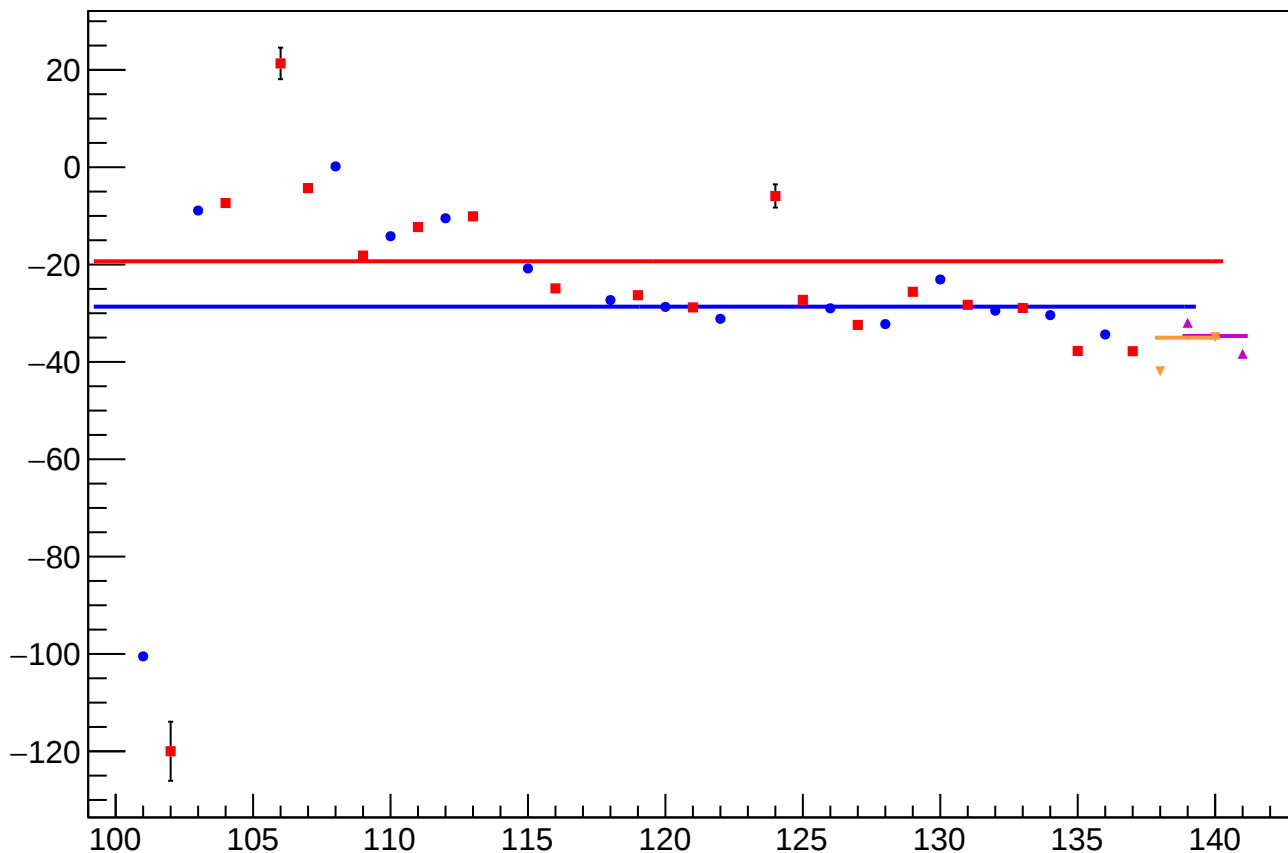
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 40.799 $\pm$ 0.128 χ^2 /NDF:45240.2/16

Out: 25.714 $\pm$ 0.186 χ^2 /NDF:28455.1/19

All: 35.935 $\pm$ 0.106 χ^2 /NDF: 78145.7/36

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -35.025 ± 0.113 $\chi^2/\text{NDF}: 63.1/1$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -34.673 ± 0.045 $\chi^2/\text{NDF}: 4841.0/1$

Left: -34.722 ± 0.042 $\chi^2/\text{NDF}: 4912.4/3$

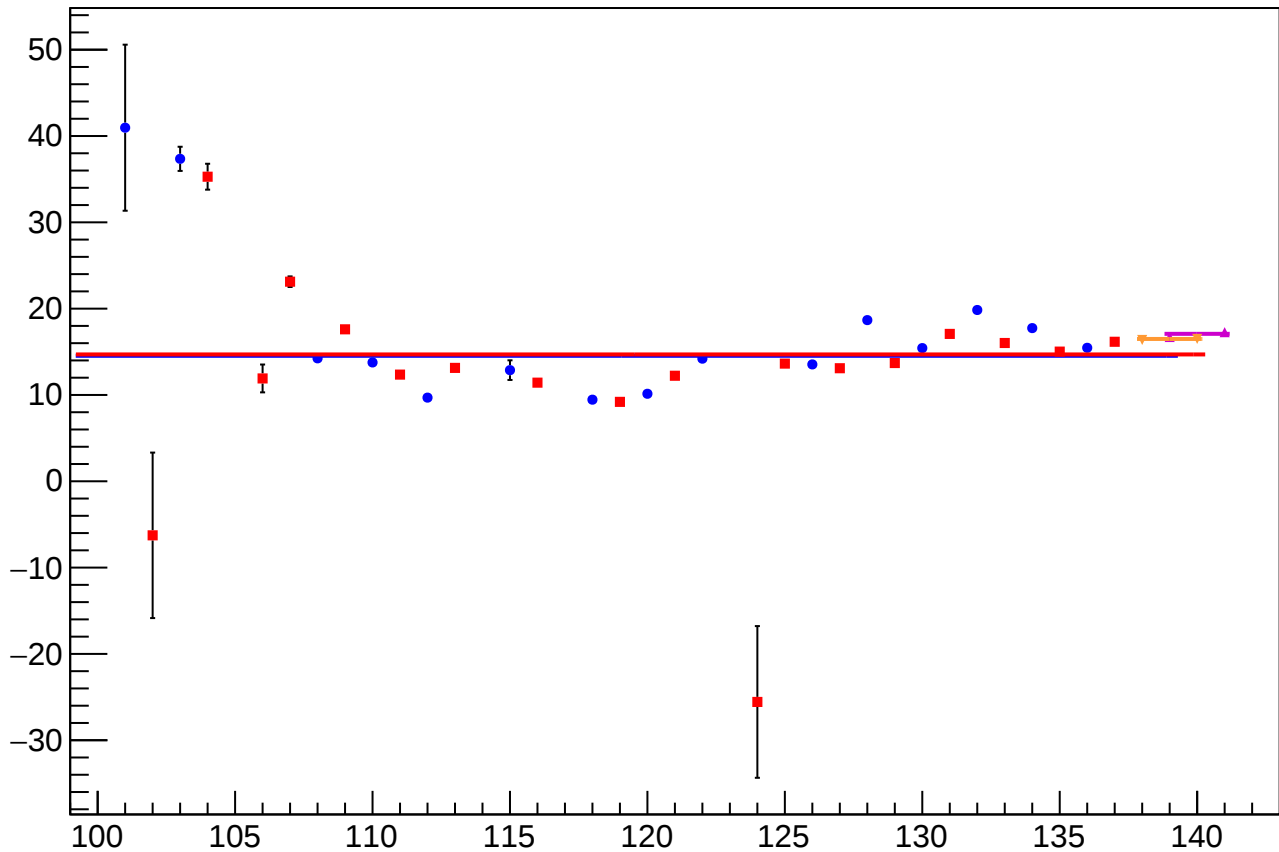
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -30.842 ± 0.027 $\chi^2/\text{NDF}: 129542.9/16$

Out: -21.023 ± 0.037 $\chi^2/\text{NDF}: 73856.1/19$

All: -27.397 ± 0.022 $\chi^2/\text{NDF}: 248715.0/36$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 16.488 $\pm$ 0.048 χ^2 /NDF:0.3/1

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 17.082 $\pm$ 0.050 χ^2 /NDF:28.8/1

Left: 16.777 $\pm$ 0.035 χ^2 /NDF: 102.9/3

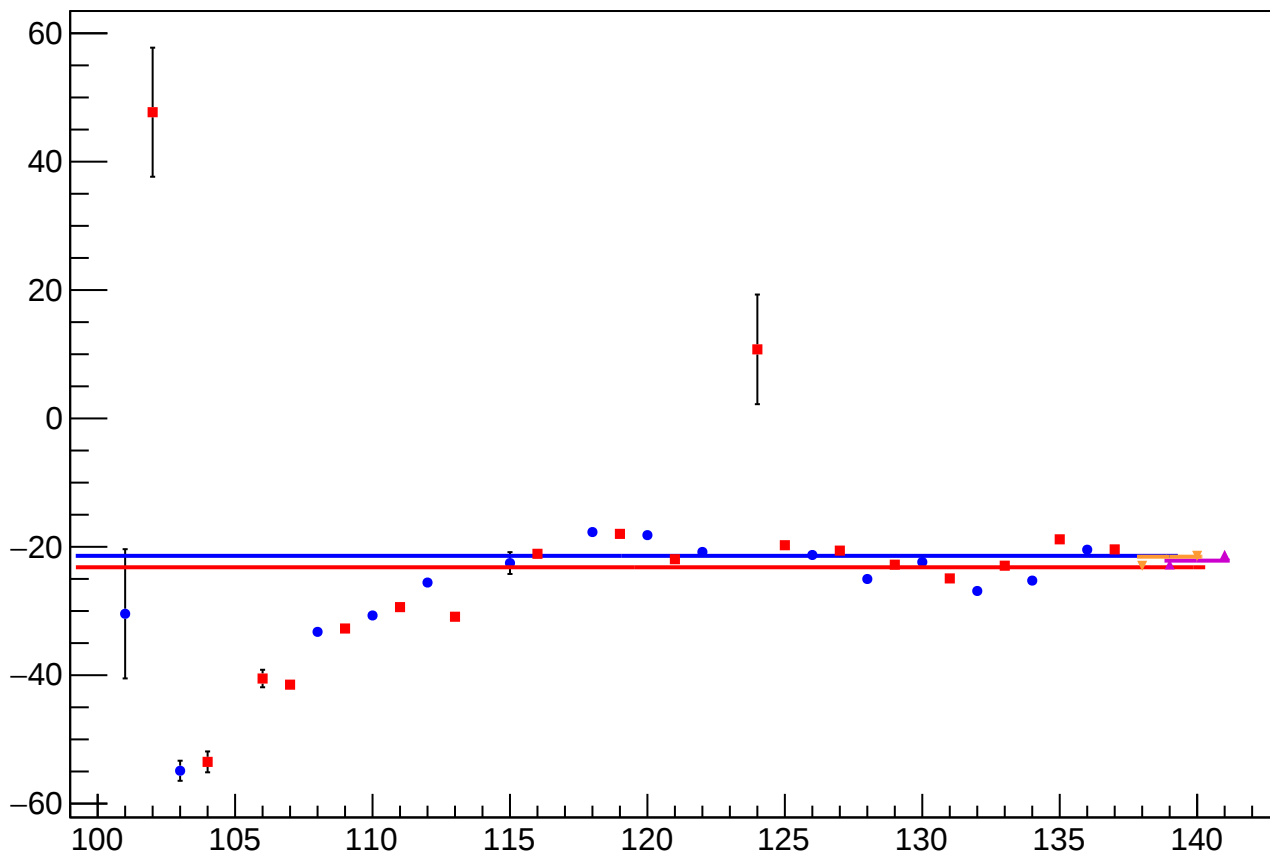
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.214 $\pm$ 0.026 χ^2 /NDF:14033.4/16

Out: 15.500 $\pm$ 0.032 χ^2 /NDF:2396.2/19

All: 15.324 $\pm$ 0.020 χ^2 /NDF: 16477.9/36

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.536 ± 0.072 $\chi^2/\text{NDF}: 37.0/1$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -22.153 ± 0.076 $\chi^2/\text{NDF}: 93.3/1$

Left: -21.828 ± 0.052 $\chi^2/\text{NDF}: 165.0/3$

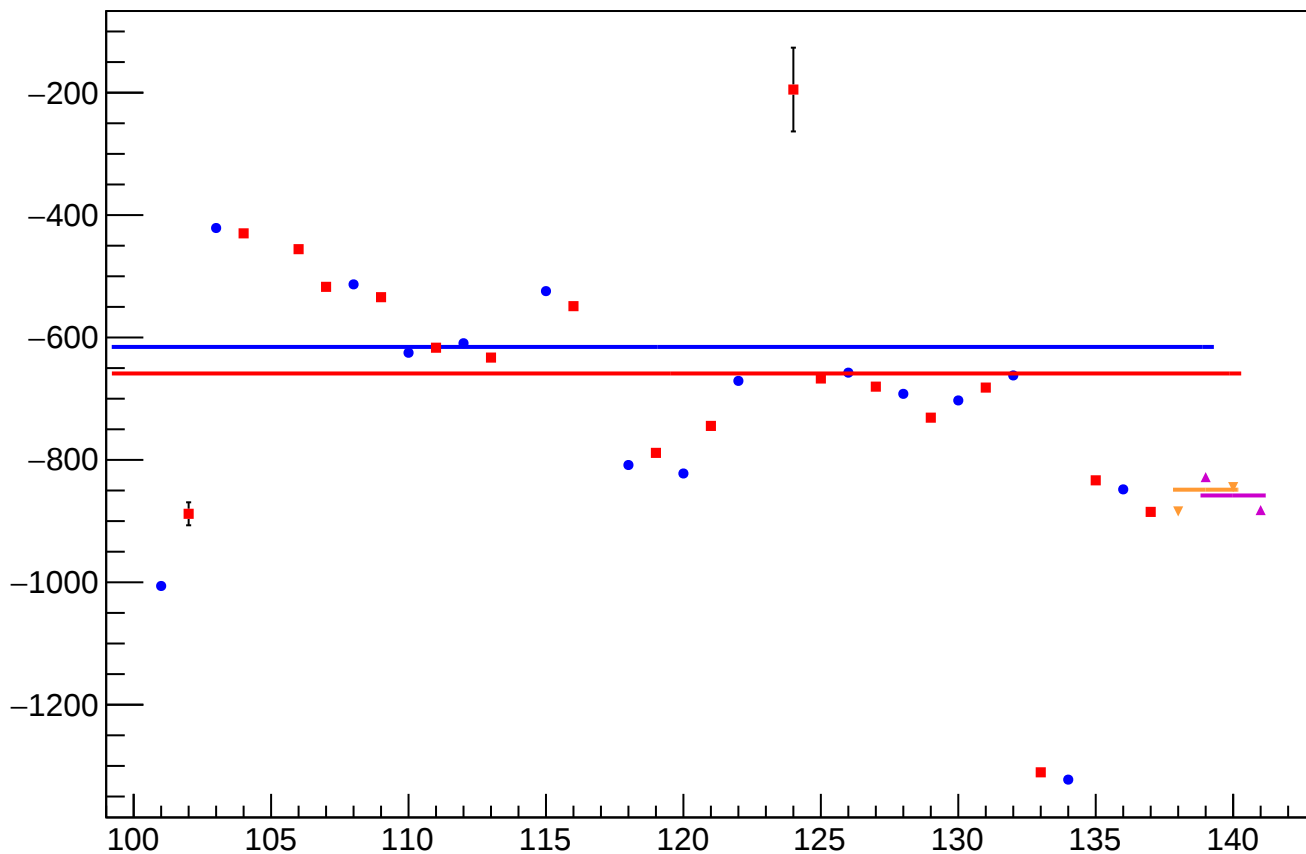
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.541 ± 0.032 $\chi^2/\text{NDF}: 9859.4/16$

Out: -22.632 ± 0.042 $\chi^2/\text{NDF}: 9513.4/19$

All: -21.949 ± 0.025 $\chi^2/\text{NDF}: 19802.6/36$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -848.661+/-1.092 χ^2/NDF : 125.1/1

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -858.112+/-0.631 χ^2/NDF : 1800.4/1

Left: -855.747+/-0.546 χ^2/NDF : 1981.7/3

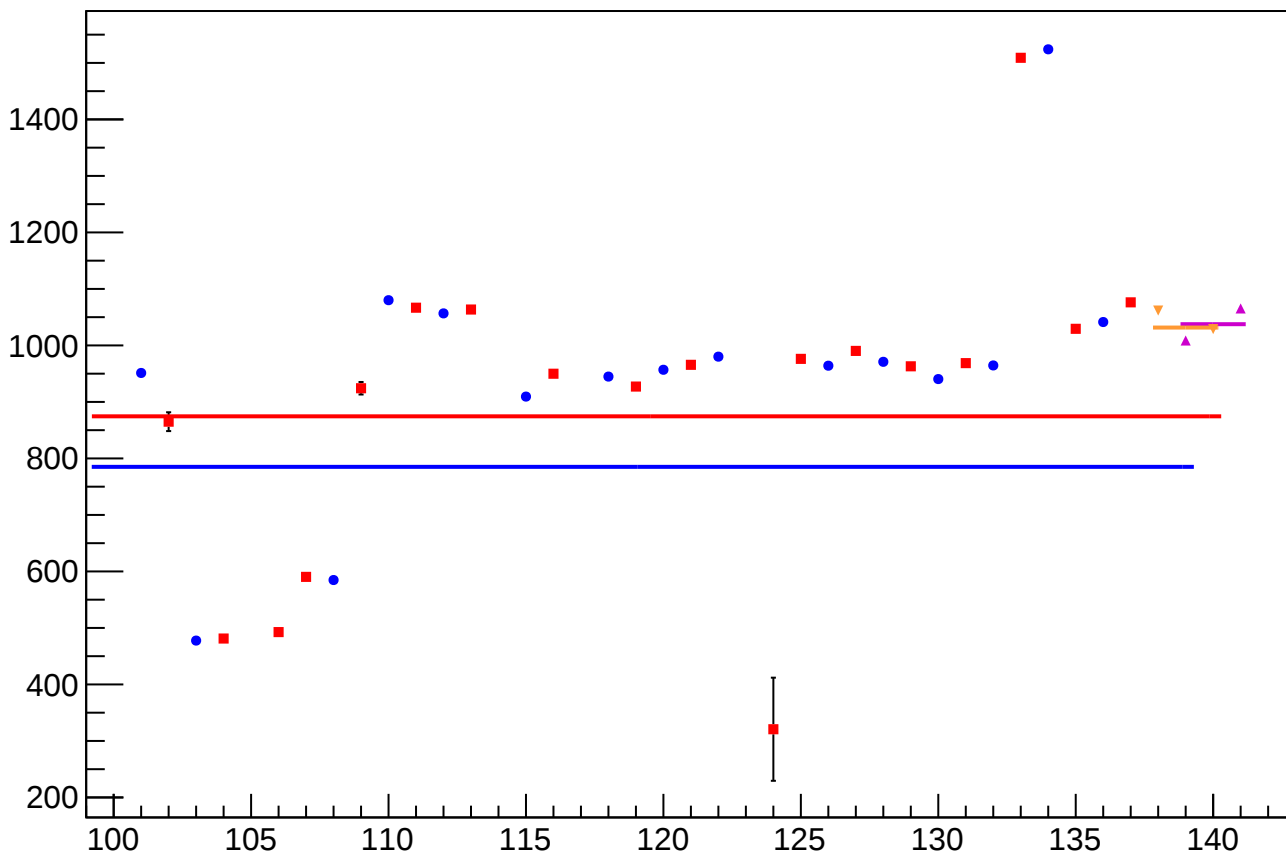
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -645.583+/-0.222 χ^2/NDF : 514291.8/16

Out: -668.705+/-0.250 χ^2/NDF : 414054.8/19

All: -655.817+/-0.166 χ^2/NDF : 933133.1/36

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 1031.620 $\pm$ 1.068 χ^2 /NDF:71.5/1

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 1037.575 $\pm$ 0.581 χ^2 /NDF:2383.7/1

Left: 1036.216 $\pm$ 0.510 χ^2 /NDF: 2479.2/3

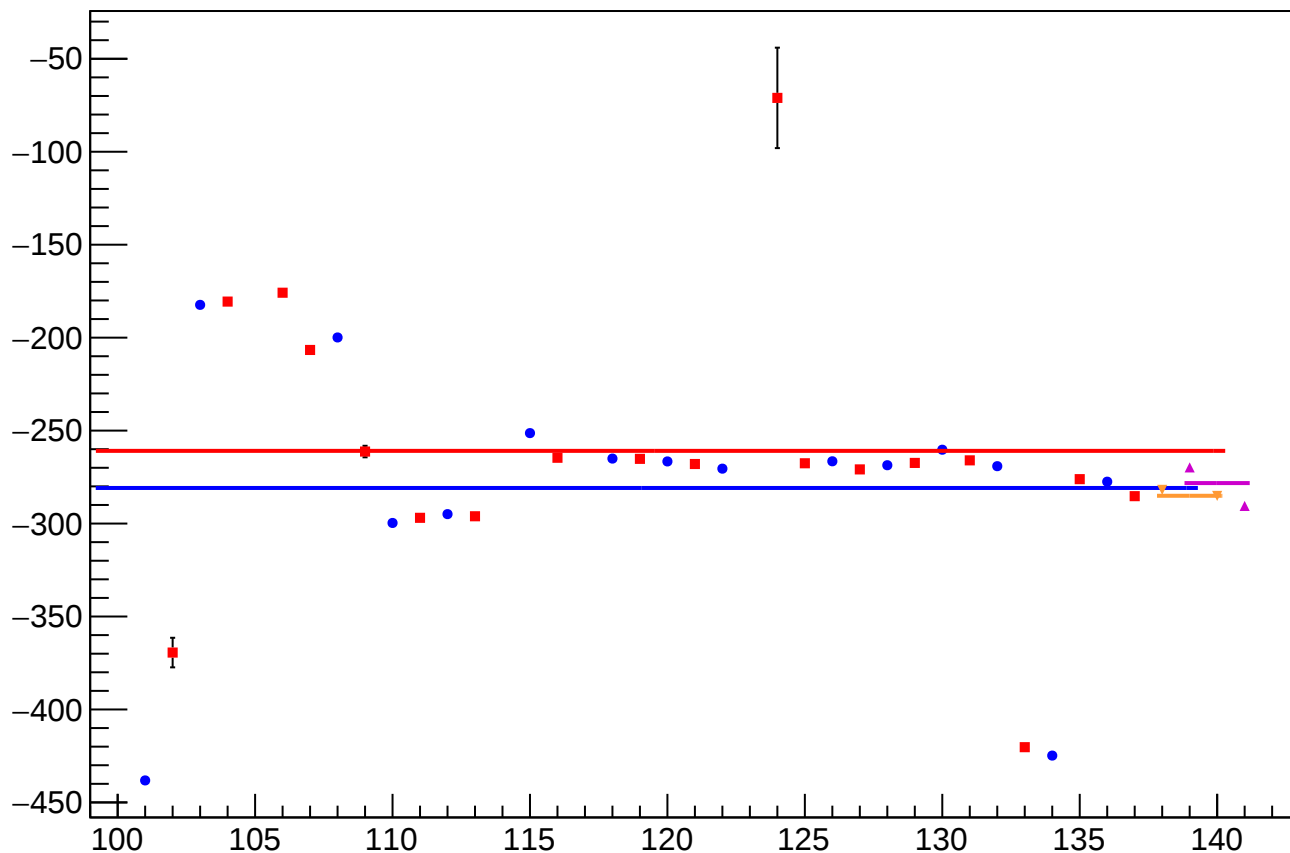
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 818.822 $\pm$ 0.212 χ^2 /NDF:1052280.8/16

Out: 883.385 $\pm$ 0.254 χ^2 /NDF:863052.0/19

All: 845.397 $\pm$ 0.163 χ^2 /NDF: 1953415.1/36

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -285.055 ± 0.174 $\chi^2/\text{NDF}: 8.3/1$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -278.226 ± 0.068 $\chi^2/\text{NDF}: 22621.6/1$

Left: -279.128 ± 0.063 $\chi^2/\text{NDF}: 23973.7/3$

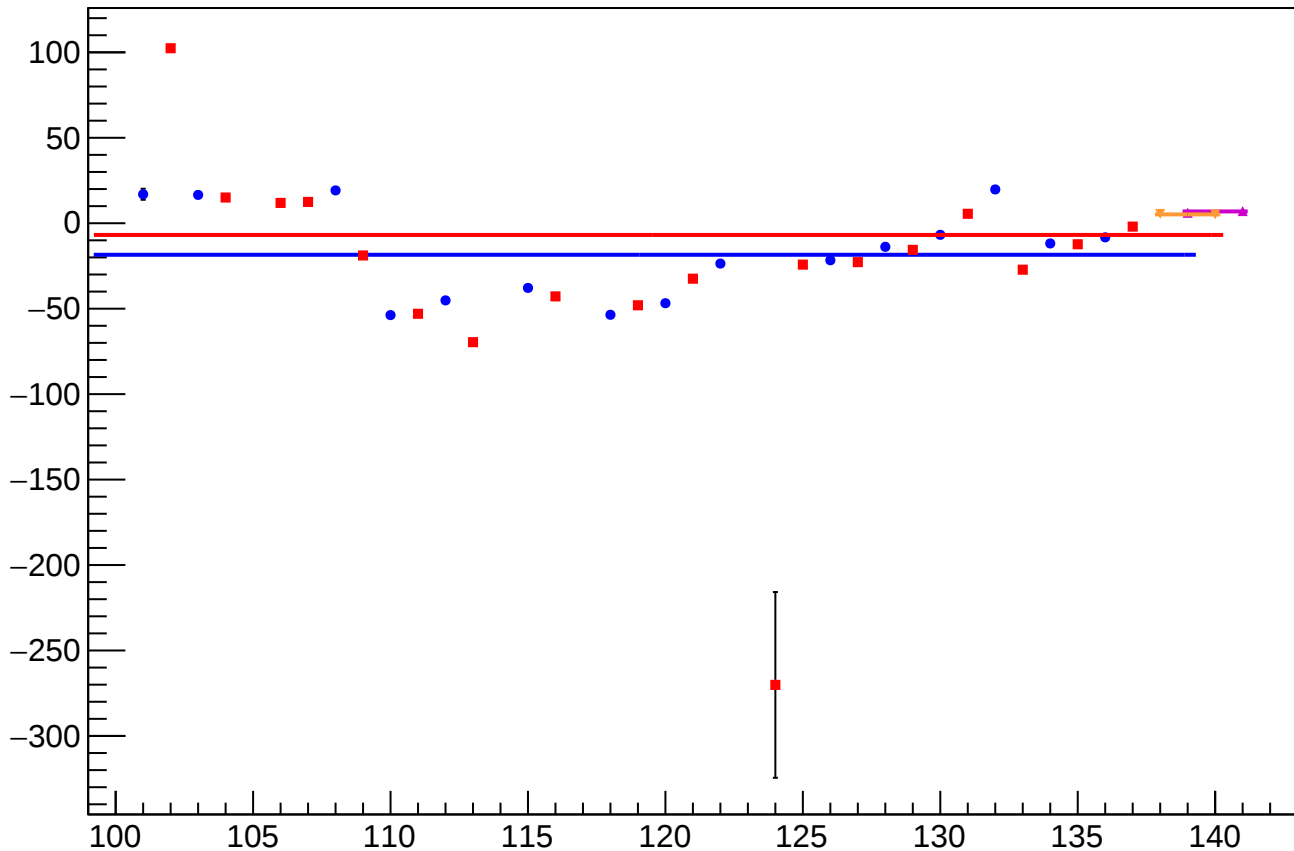
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -279.731 ± 0.044 $\chi^2/\text{NDF}: 897096.1/16$

Out: -264.076 ± 0.063 $\chi^2/\text{NDF}: 364553.8/19$

All: -274.550 ± 0.036 $\chi^2/\text{NDF}: 1303018.1/36$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 5.175 ± 0.120 $\chi^2/\text{NDF}: 0.2/1$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.896 ± 0.093 $\chi^2/\text{NDF}: 20.7/1$

Left: 6.254 ± 0.073 $\chi^2/\text{NDF}: 149.8/3$

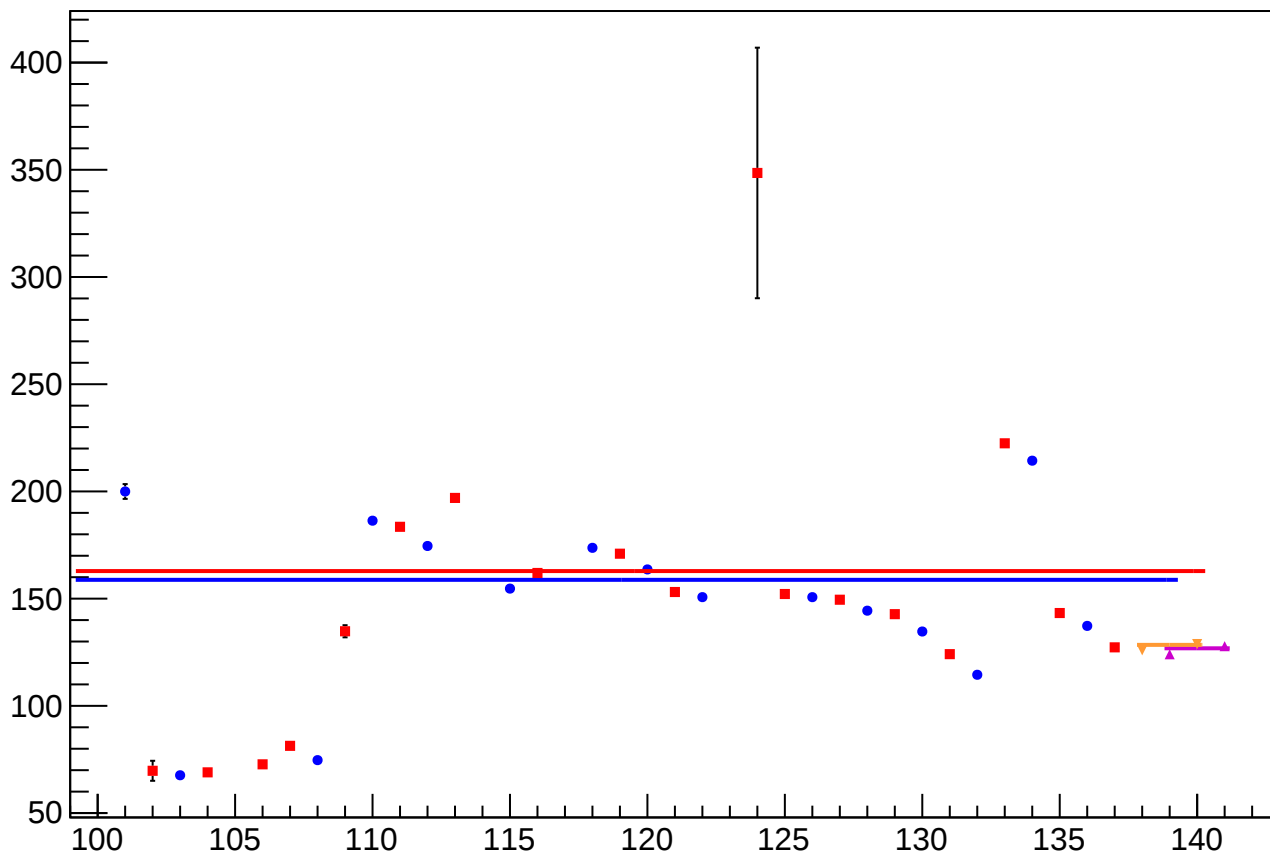
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.952 ± 0.065 $\chi^2/\text{NDF}: 84628.3/16$

Out: -4.146 ± 0.057 $\chi^2/\text{NDF}: 57795.9/19$

All: -4.930 ± 0.043 $\chi^2/\text{NDF}: 142861.8/36$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 128.440 $\pm$ 0.167 χ^2 /NDF:35.0/1

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 126.838 $\pm$ 0.106 χ^2 /NDF:244.3/1

Left: 127.300 $\pm$ 0.090 χ^2 /NDF: 344.8/3

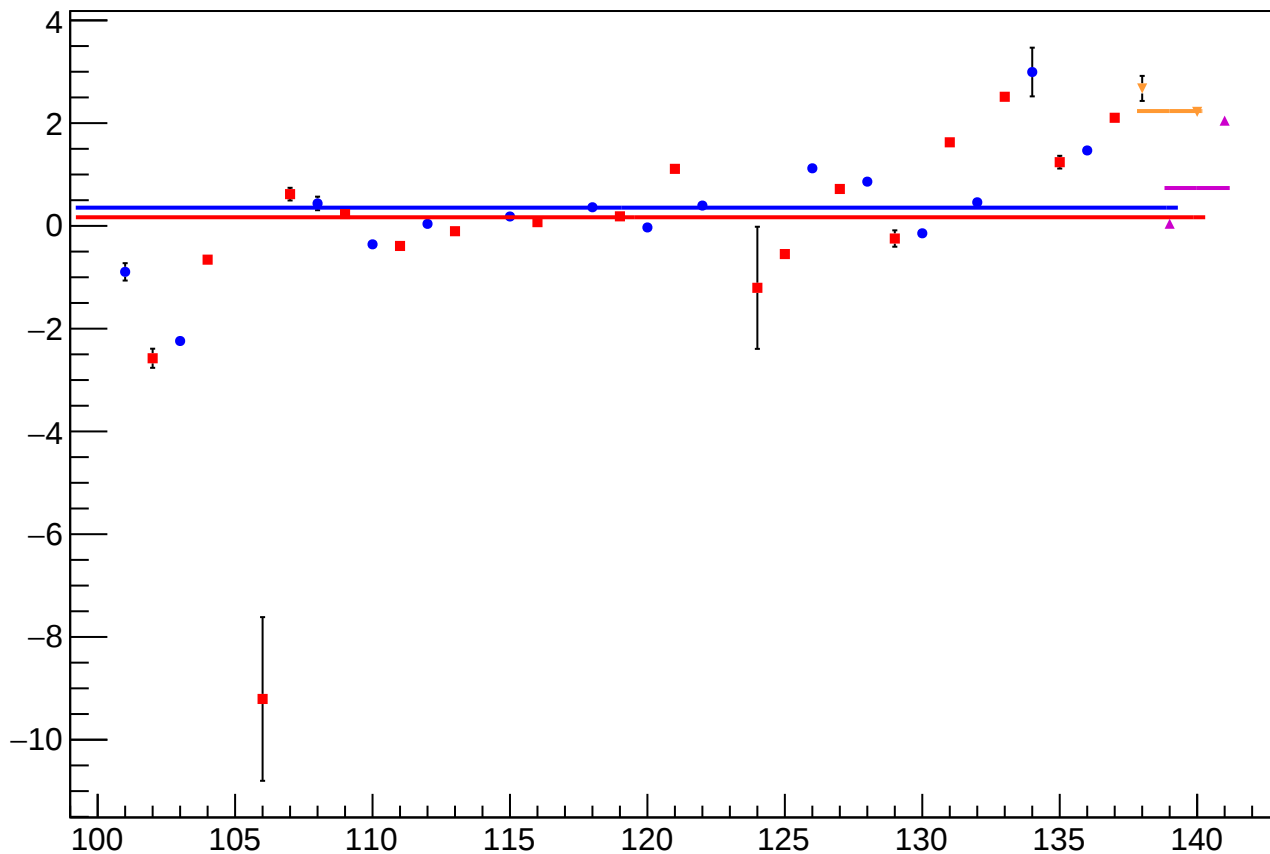
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 145.723 $\pm$ 0.068 χ^2 /NDF:212691.7/16

Out: 154.664 $\pm$ 0.081 χ^2 /NDF:188621.6/19

All: 149.392 $\pm$ 0.052 χ^2 /NDF: 408424.9/36

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 2.235 ± 0.045 χ^2/NDF : 3.4/1

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 0.737 ± 0.024 χ^2/NDF : 1609.3/1

Left: 1.062 ± 0.021 χ^2/NDF : 2473.4/3

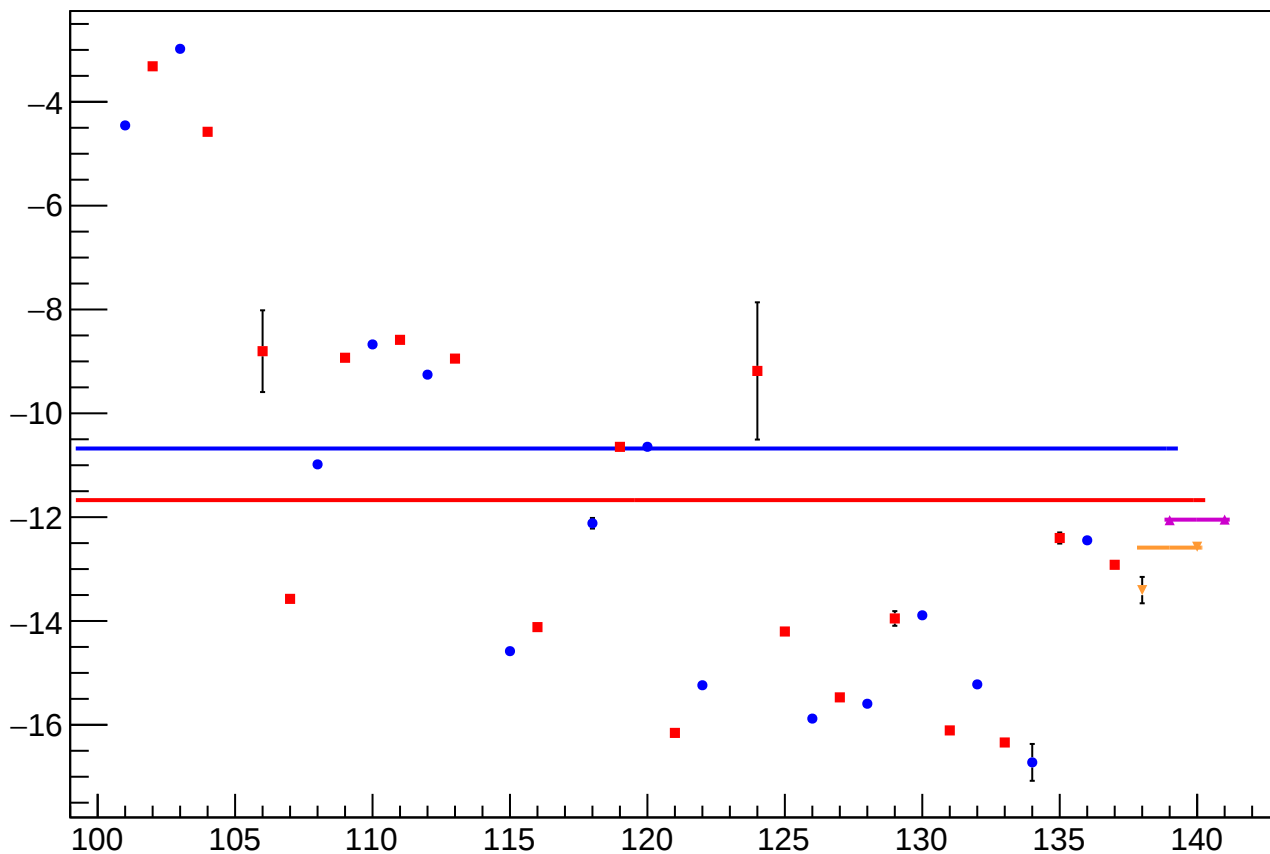
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.430 ± 0.011 χ^2/NDF : 5828.0/16

Out: 0.225 ± 0.008 χ^2/NDF : 6627.3/19

All: 0.295 ± 0.006 χ^2/NDF : 12704.5/36

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -12.587 ± 0.037 $\chi^2/\text{NDF}: 10.6/1$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -12.048 ± 0.030 $\chi^2/\text{NDF}: 0.0/1$

Left: -12.269 ± 0.023 $\chi^2/\text{NDF}: 139.1/3$

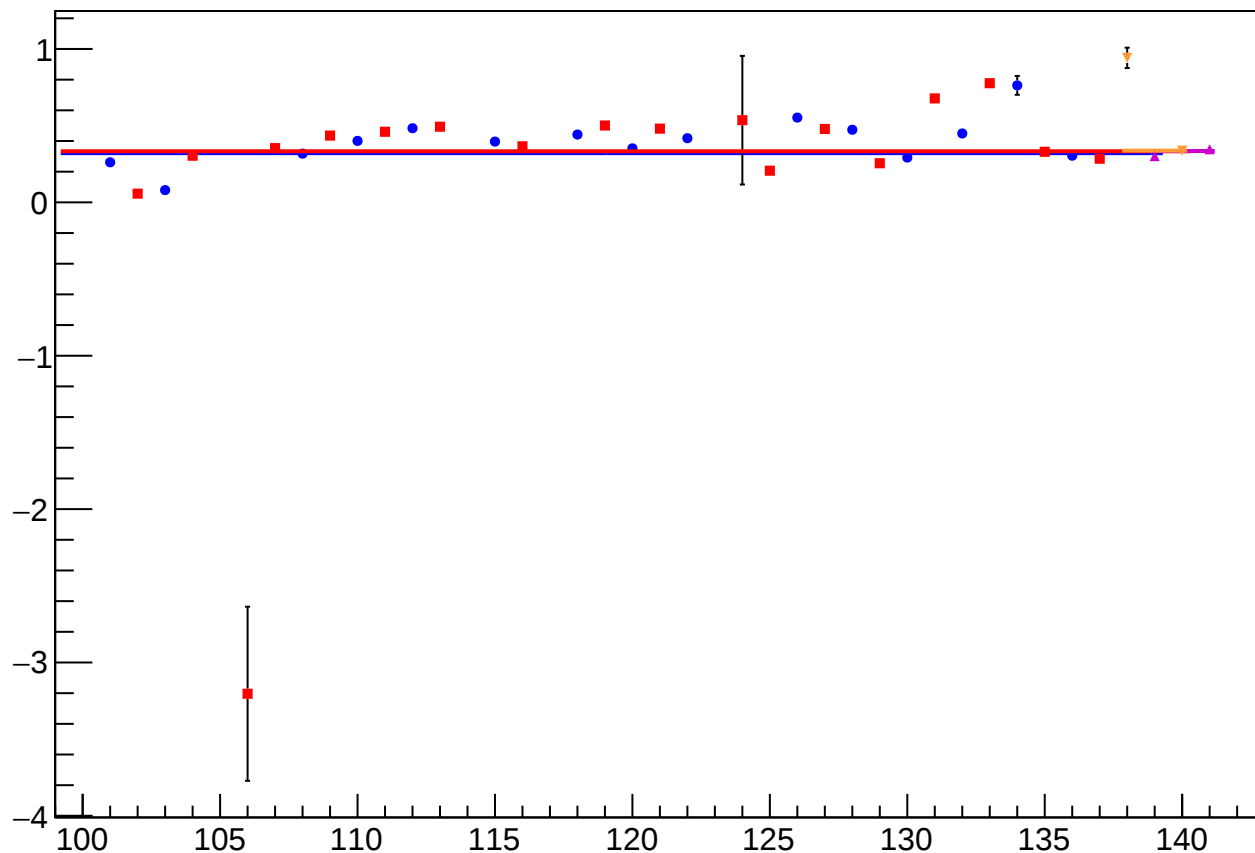
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.818 ± 0.010 $\chi^2/\text{NDF}: 228613.8/16$

Out: -11.756 ± 0.011 $\chi^2/\text{NDF}: 108425.0/19$

All: -11.227 ± 0.007 $\chi^2/\text{NDF}: 341080.0/36$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.337 $\pm$ 0.001 χ^2 /NDF: 83.1/1

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.335 $\pm$ 0.001 χ^2 /NDF: 257.2/1

Left: 0.336 $\pm$ 0.001 χ^2 /NDF: 342.3/3

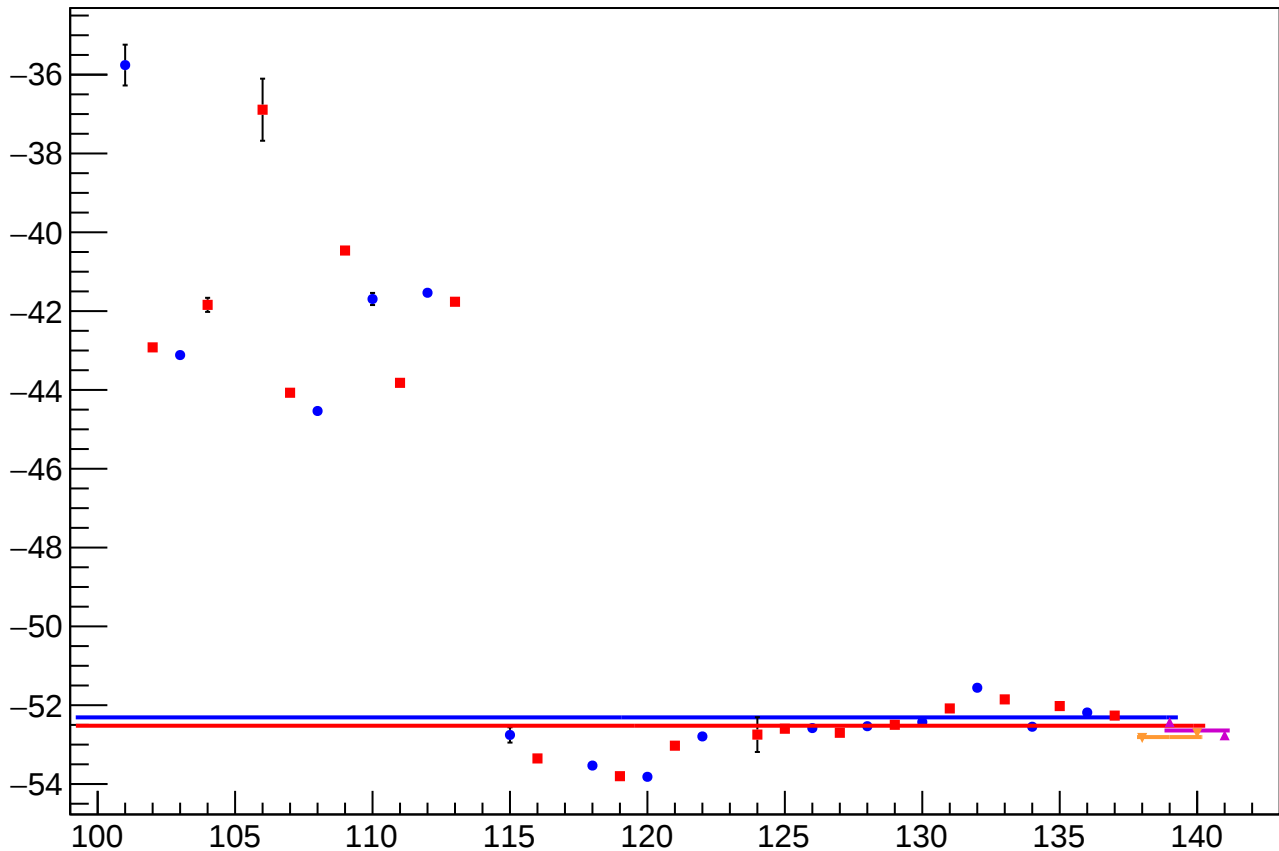
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.326 $\pm$ 0.001 χ^2 /NDF: 4356.2/16

Out: 0.335 $\pm$ 0.001 χ^2 /NDF: 4258.5/19

All: 0.330 $\pm$ 0.001 χ^2 /NDF: 8672.4/36

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -52.809 ± 0.009 $\chi^2/\text{NDF}: 25.8/1$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -52.641 ± 0.007 $\chi^2/\text{NDF}: 544.4/1$

Left: -52.701 ± 0.006 $\chi^2/\text{NDF}: 781.5/3$

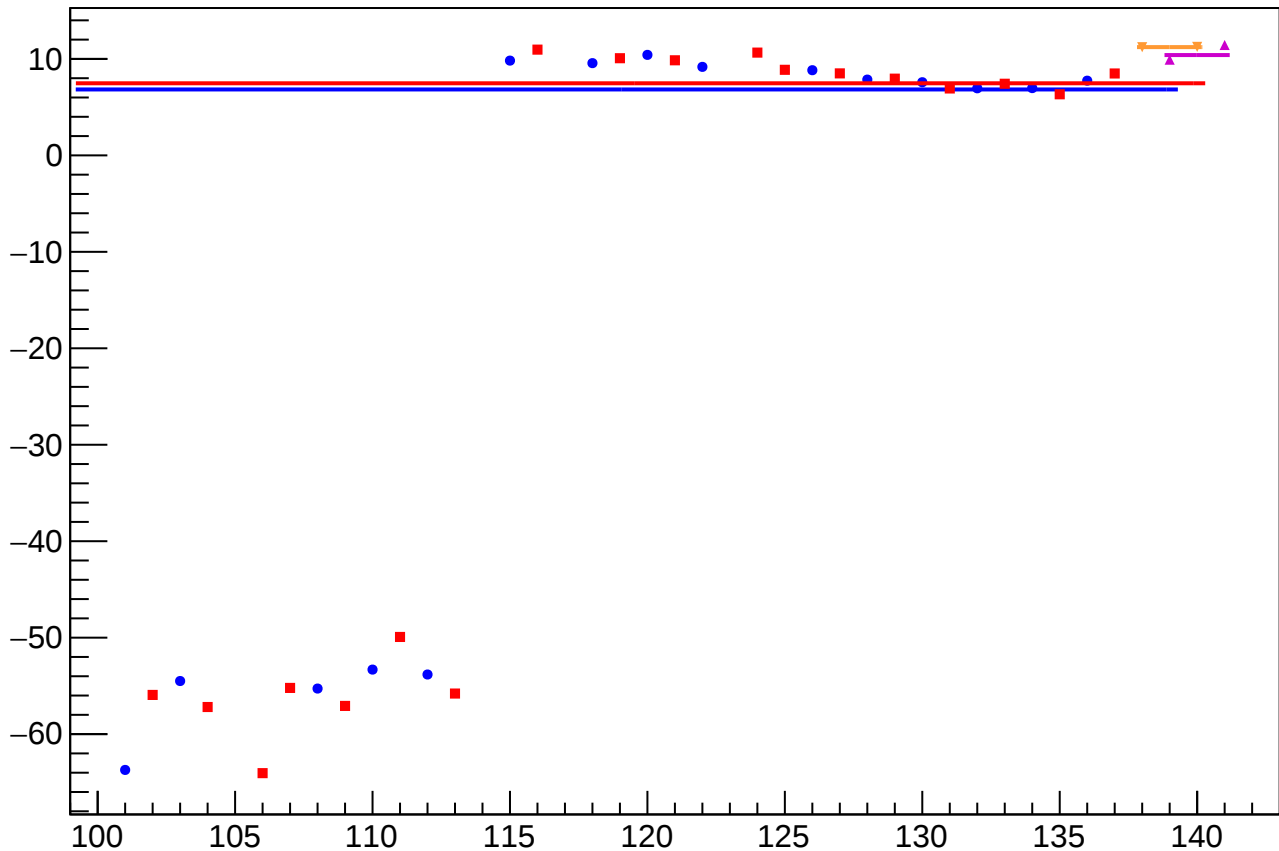
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -52.406 ± 0.004 $\chi^2/\text{NDF}: 55664.1/16$

Out: -52.578 ± 0.004 $\chi^2/\text{NDF}: 77420.1/19$

All: -52.483 ± 0.003 $\chi^2/\text{NDF}: 134043.0/36$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 11.224 $\pm$ 0.019 χ^2 /NDF:0.7/1

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 10.400 $\pm$ 0.019 χ^2 /NDF:1447.6/1

Left: 10.810 $\pm$ 0.013 χ^2 /NDF: 2426.2/3

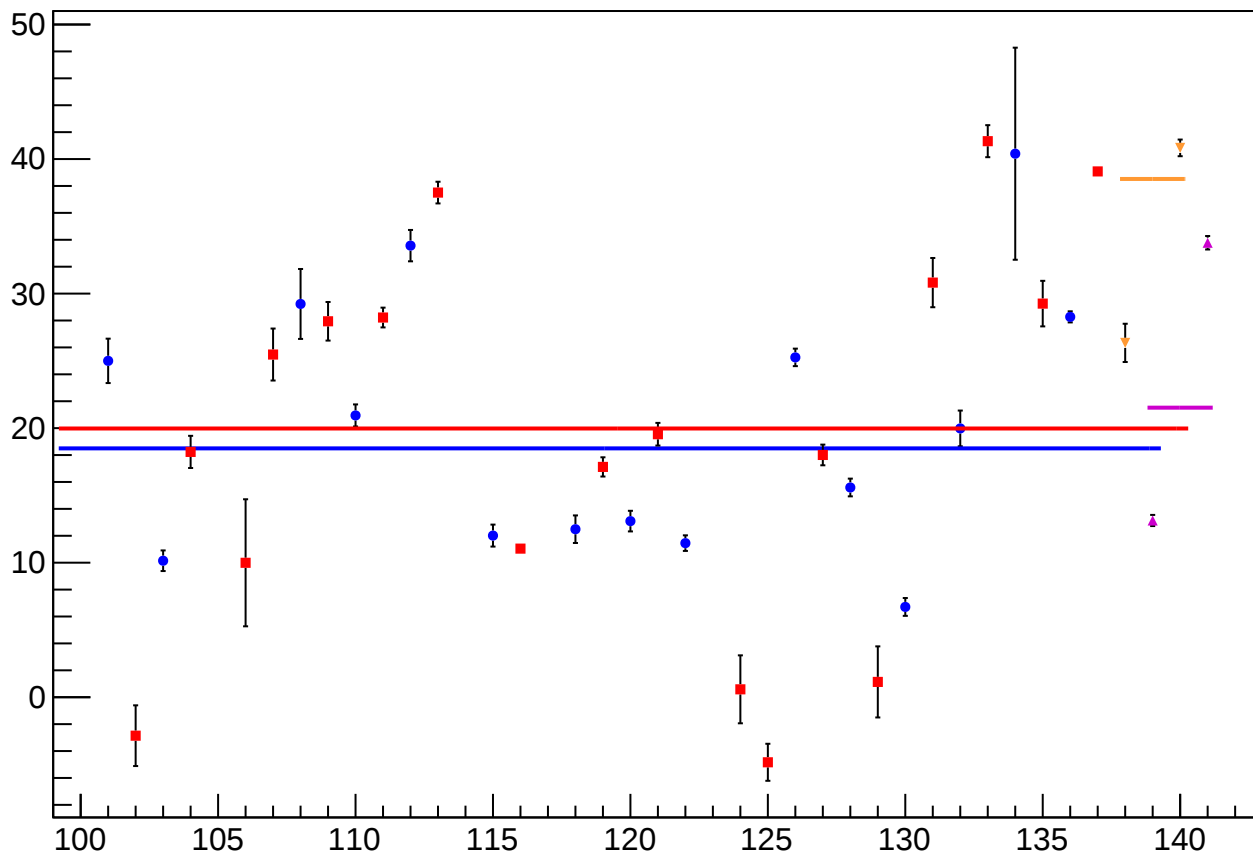
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF:1026313.8/16

Out: 8.217 $\pm$ 0.008 χ^2 /NDF:1227773.9/19

All: 7.372 $\pm$ 0.004 χ^2 /NDF: 2267973.3/36

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 38.521 $\pm$ 0.568 χ^2/NDF :87.4/1

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 21.522 $\pm$ 0.319 χ^2/NDF :1008.6/1

Left: 25.607 $\pm$ 0.278 χ^2/NDF : 1777.5/3

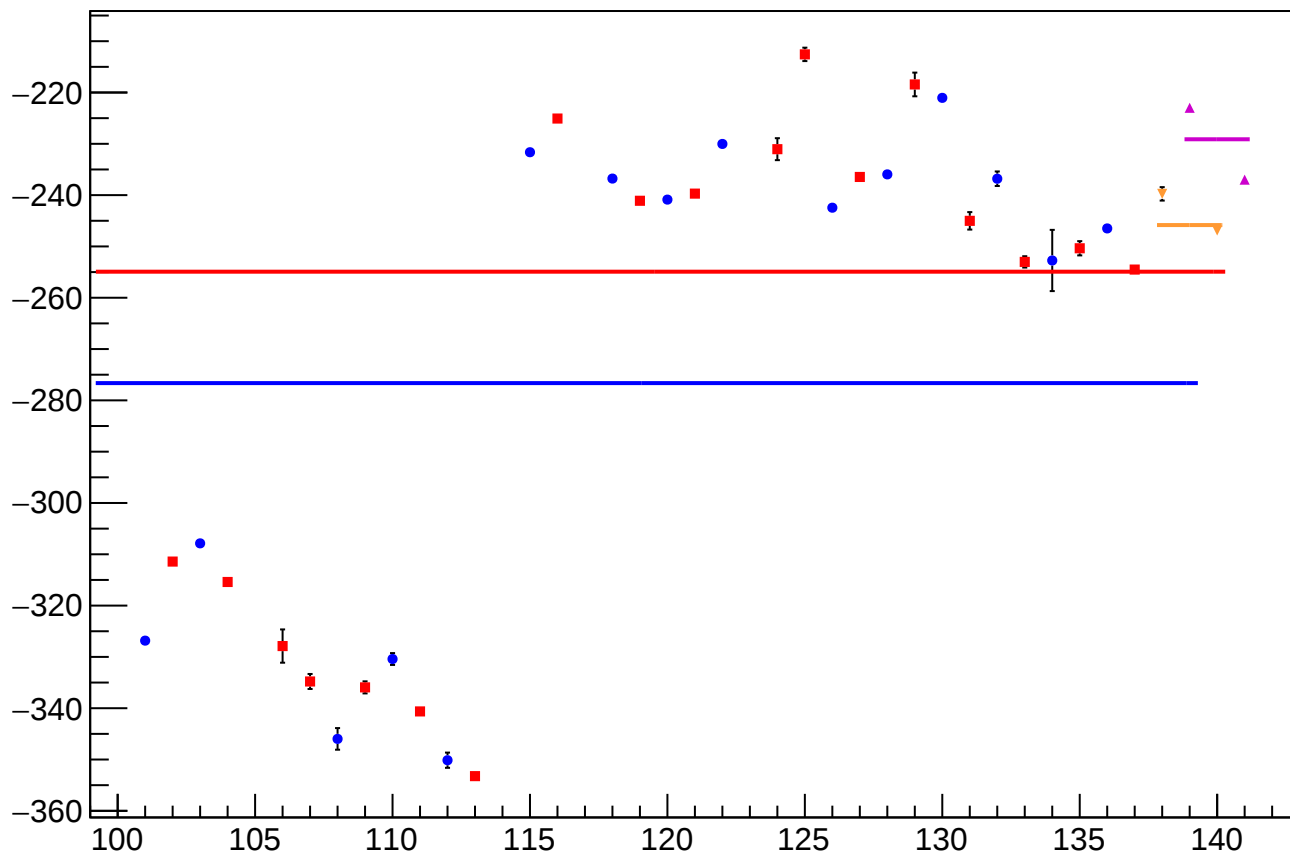
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 19.349 $\pm$ 0.170 χ^2/NDF :2709.8/16

Out: 20.901 $\pm$ 0.127 χ^2/NDF :10303.3/19

All: 20.344 $\pm$ 0.102 χ^2/NDF : 13066.8/36

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -245.835 ± 0.506 $\chi^2/\text{NDF}: 25.2/1$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -229.115 ± 0.271 $\chi^2/\text{NDF}: 656.2/1$

Left: -232.854 ± 0.239 $\chi^2/\text{NDF}: 1530.5/3$

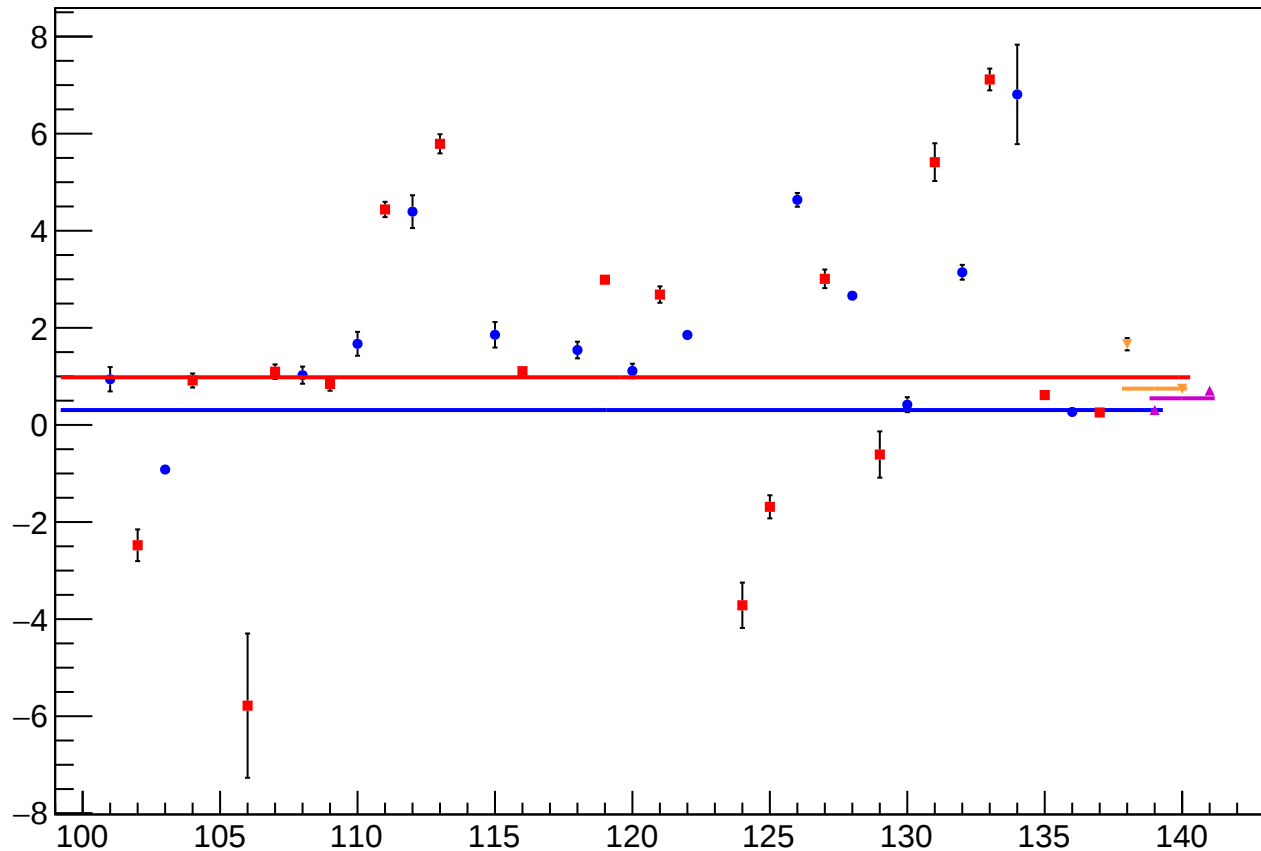
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -265.792 ± 0.130 $\chi^2/\text{NDF}: 101448.2/16$

Out: -254.744 ± 0.071 $\chi^2/\text{NDF}: 72287.8/19$

All: -257.268 ± 0.062 $\chi^2/\text{NDF}: 179340.7/36$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.748 ± 0.009 $\chi^2/\text{NDF}: 52.0/1$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.548 ± 0.005 $\chi^2/\text{NDF}: 1585.9/1$

Left: 0.596 ± 0.004 $\chi^2/\text{NDF}: 2035.9/3$

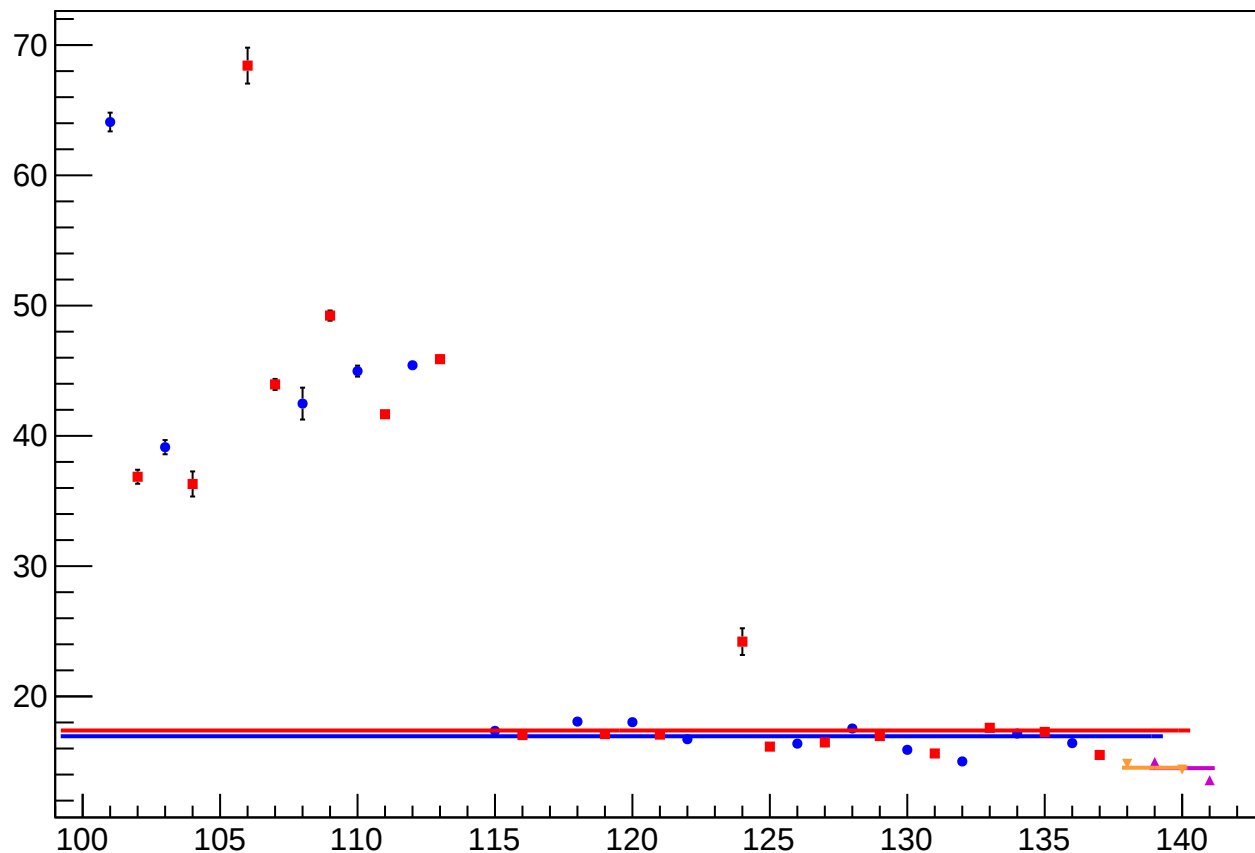
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.463 ± 0.004 $\chi^2/\text{NDF}: 5231.6/16$

Out: 0.810 ± 0.008 $\chi^2/\text{NDF}: 3613.3/19$

All: 0.538 ± 0.003 $\chi^2/\text{NDF}: 10513.4/36$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 14.526+/-0.030 χ^2/NDF : 48.7/1

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 14.496+/-0.026 χ^2/NDF : 625.0/1

Left: 14.509+/-0.020 χ^2/NDF : 674.2/3

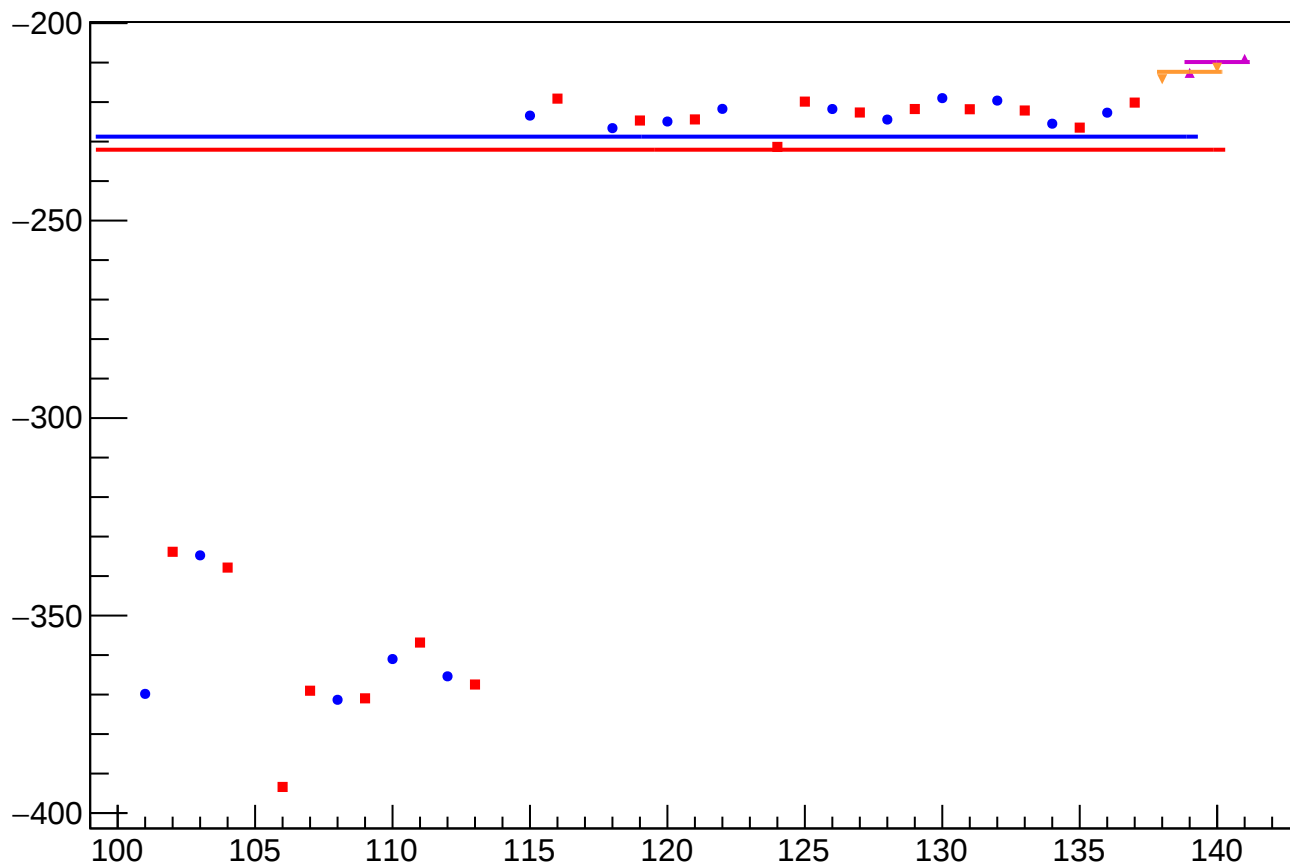
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.468+/-0.012 χ^2/NDF : 36635.8/16

Out: 16.643+/-0.015 χ^2/NDF : 68043.0/19

All: 16.532+/-0.009 χ^2/NDF : 104763.2/36

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -212.340 ± 0.057 $\chi^2/\text{NDF}: 611.2/1$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.861 ± 0.045 $\chi^2/\text{NDF}: 1101.1/1$

Left: -210.813 ± 0.035 $\chi^2/\text{NDF}: 2897.7/3$

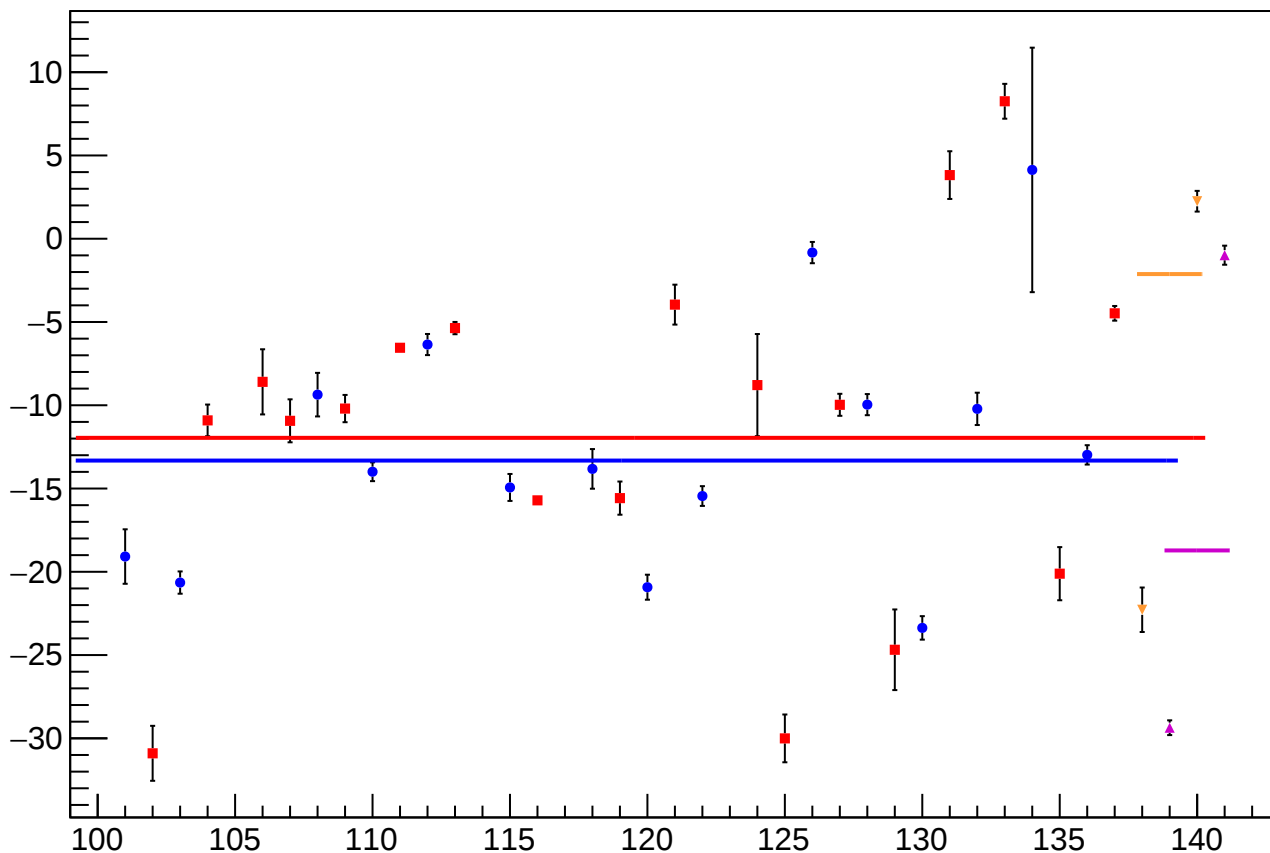
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.635 ± 0.027 $\chi^2/\text{NDF}: 770365.4/16$

Out: -225.196 ± 0.033 $\chi^2/\text{NDF}: 871460.2/19$

All: -223.069 ± 0.021 $\chi^2/\text{NDF}: 1648633.7/36$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -2.122 ± 0.564 χ^2/NDF : 277.4/1

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -18.718 ± 0.351 χ^2/NDF : 1534.8/1

Left: -14.089 ± 0.298 χ^2/NDF : 2436.9/3

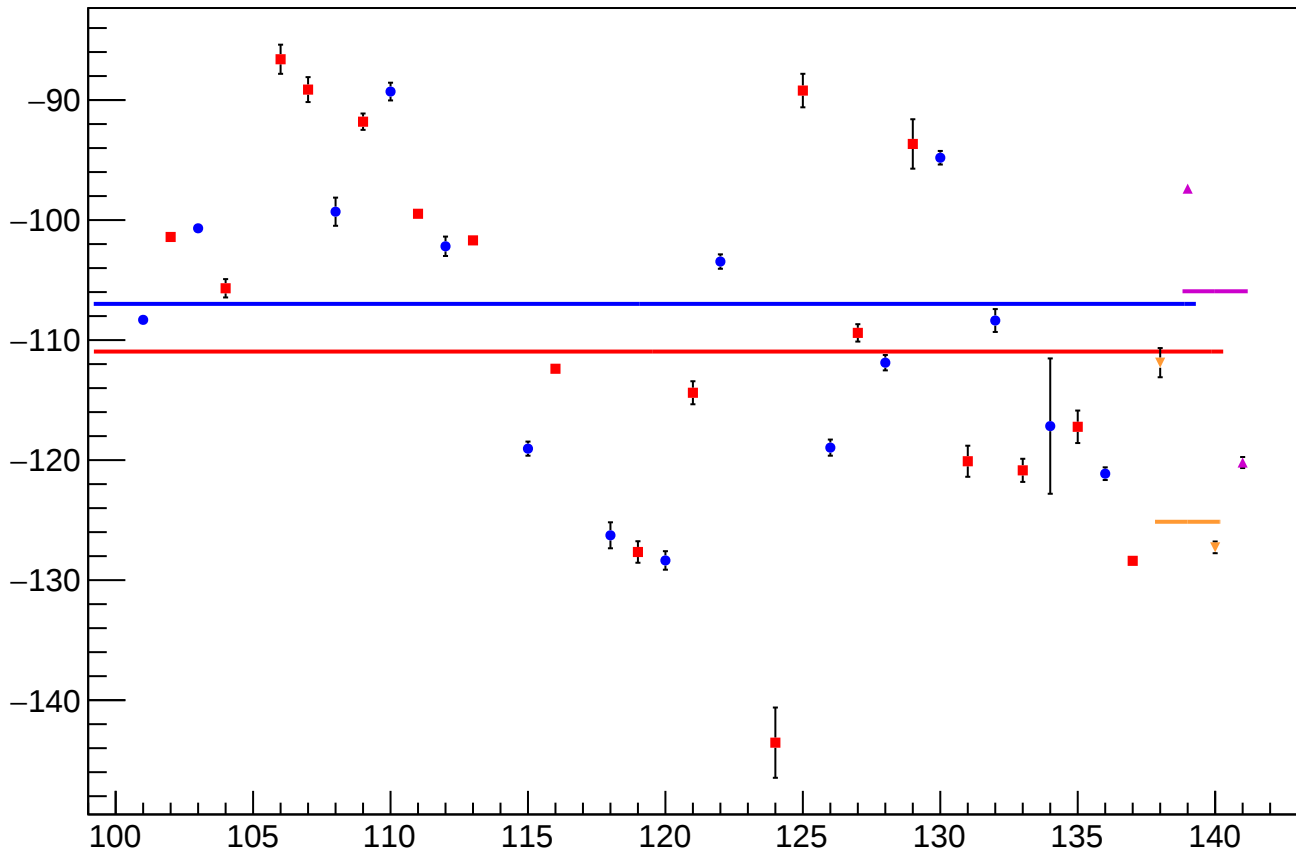
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -14.583 ± 0.170 χ^2/NDF : 2729.3/16

Out: -11.579 ± 0.110 χ^2/NDF : 3057.1/19

All: -12.474 ± 0.093 χ^2/NDF : 6006.7/36

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -125.136 ± 0.453 χ^2/NDF : 137.9/1

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -105.932 ± 0.281 χ^2/NDF : 1542.8/1

Left: -111.281 ± 0.239 χ^2/NDF : 2979.4/3

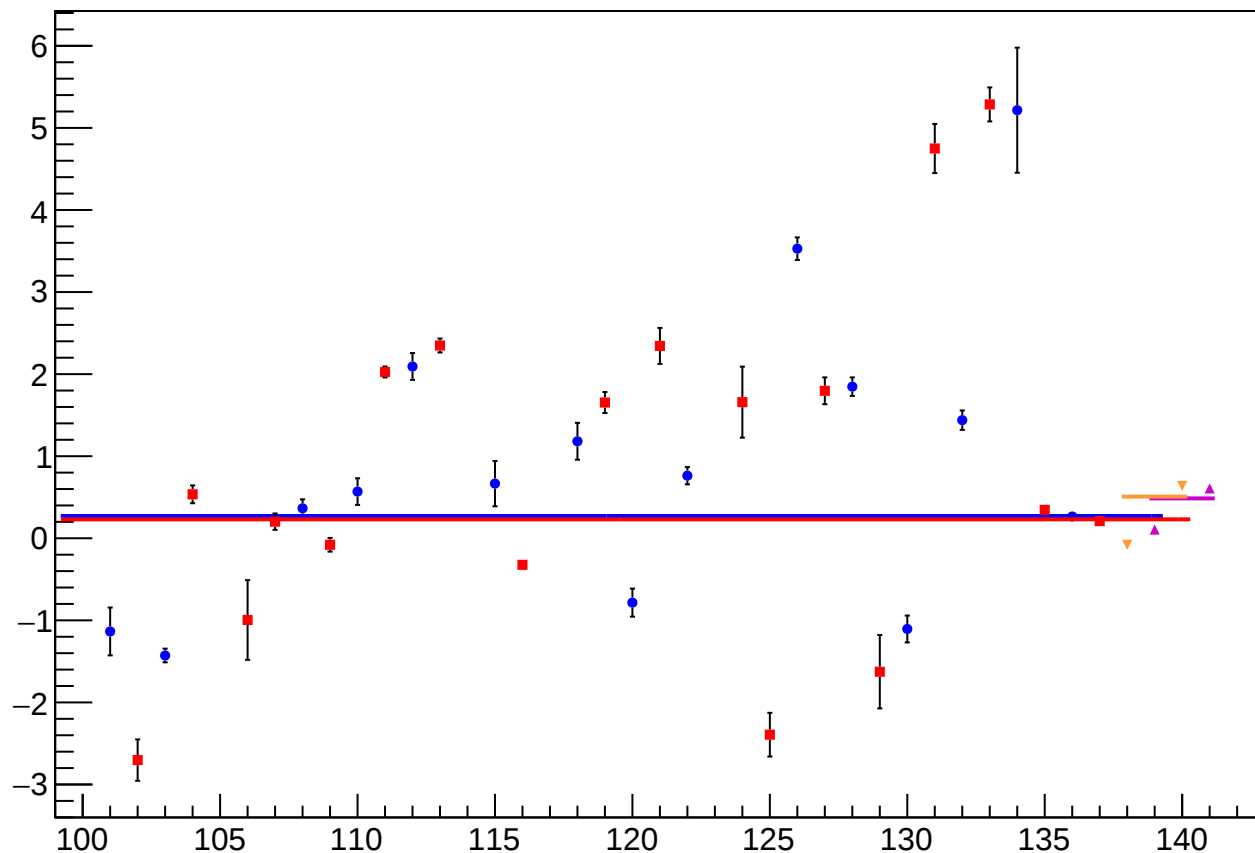
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.843 ± 0.102 χ^2/NDF : 6213.2/16

Out: -111.127 ± 0.050 χ^2/NDF : 11782.6/19

All: -110.306 ± 0.045 χ^2/NDF : 19408.9/36

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.508+/-0.010 χ^2/NDF : 702.8/1

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.486+/-0.004 χ^2/NDF : 2394.5/1

Left: 0.489+/-0.004 χ^2/NDF : 3101.1/3

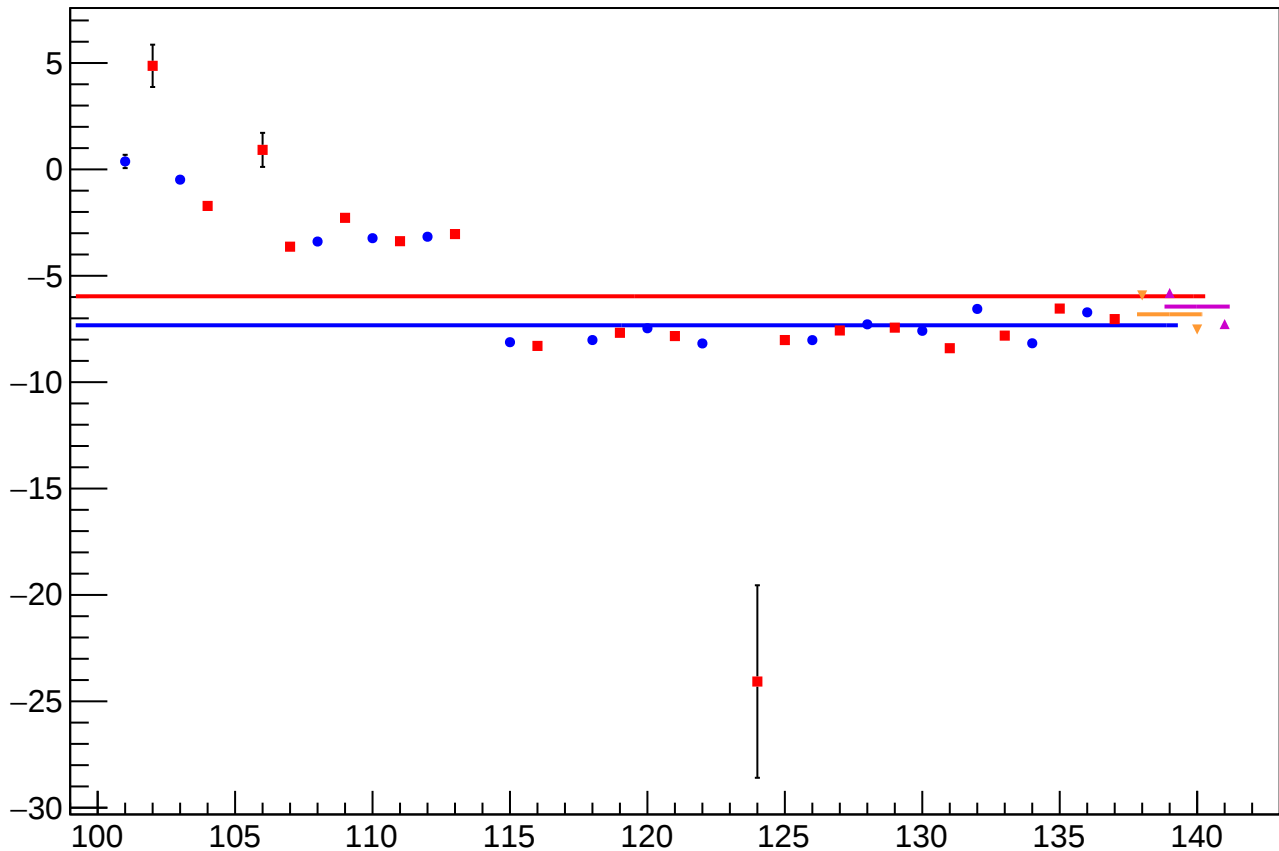
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.399+/-0.003 χ^2/NDF : 4975.3/16

Out: 0.273+/-0.004 χ^2/NDF : 4210.0/19

All: 0.347+/-0.003 χ^2/NDF : 9752.4/36

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.810+/-0.035 χ^2/NDF : 508.1/1

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.447+/-0.015 χ^2/NDF : 2243.2/1

Left: -6.505+/-0.014 χ^2/NDF : 2840.1/3

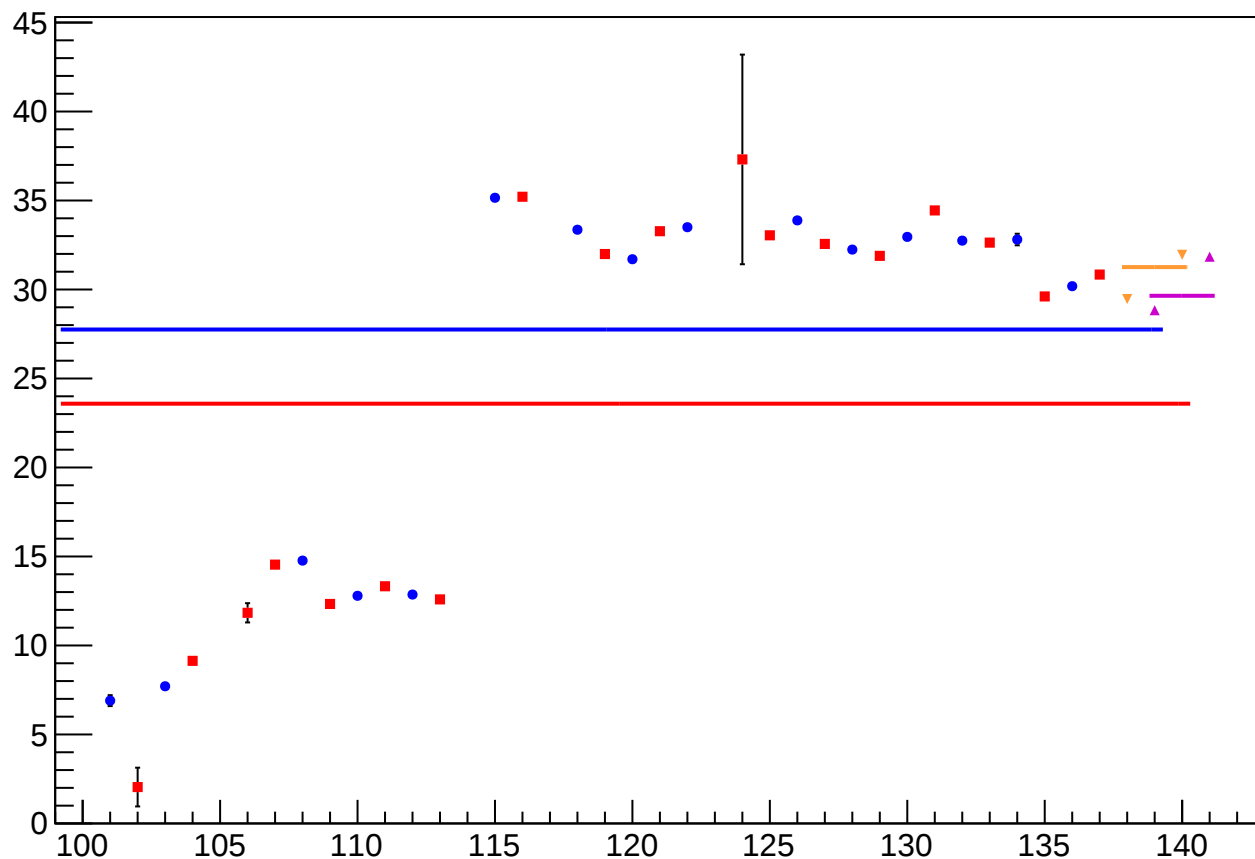
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -7.124+/-0.007 χ^2/NDF : 35275.9/16

Out: -6.013+/-0.009 χ^2/NDF : 72856.6/19

All: -6.650+/-0.006 χ^2/NDF : 117884.6/36

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 31.259 $\pm$ 0.046 χ^2 /NDF:581.2/1

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.647 $\pm$ 0.037 χ^2 /NDF:1293.4/1

Left: 30.280 $\pm$ 0.029 χ^2 /NDF: 2615.1/3

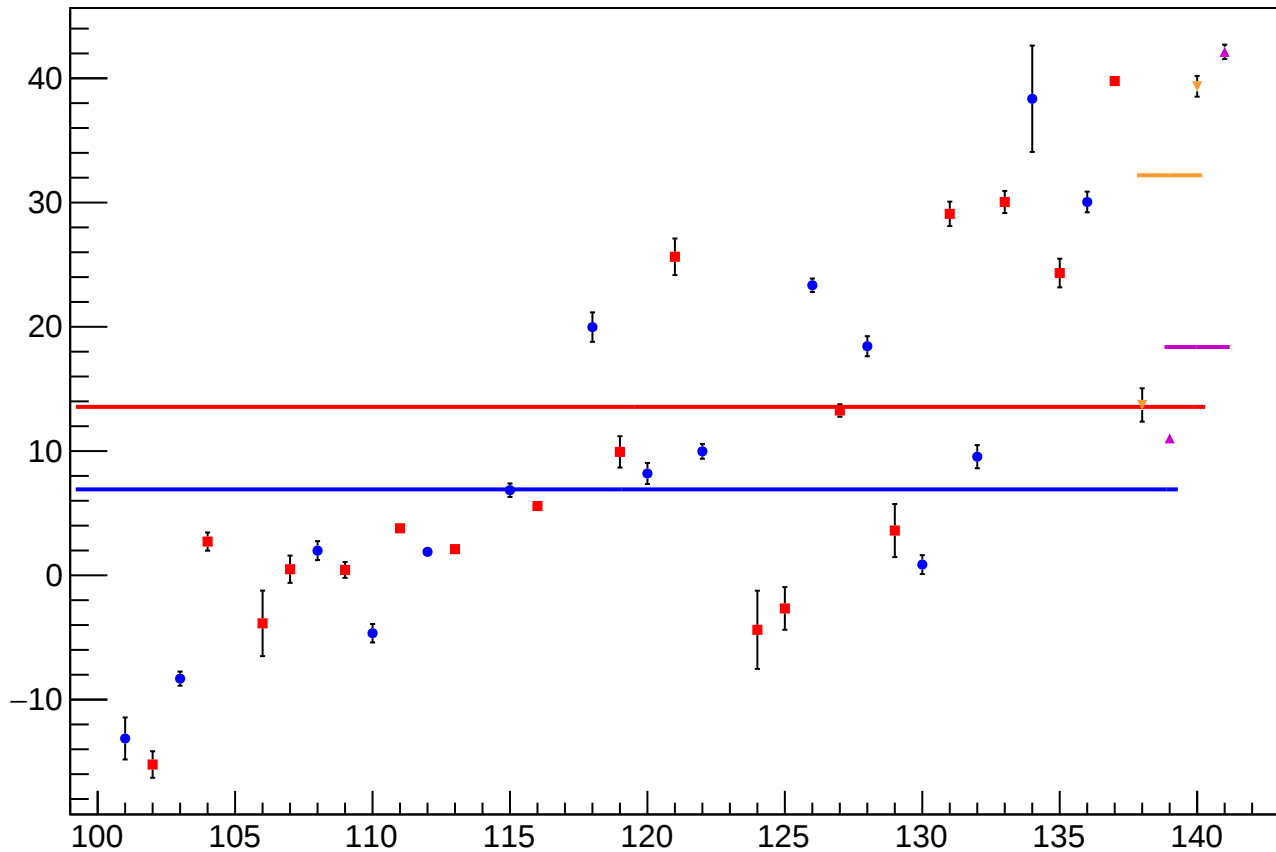
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.019 $\pm$ 0.014 χ^2 /NDF:336459.3/16

Out: 24.207 $\pm$ 0.013 χ^2 /NDF:565583.5/19

All: 26.002 $\pm$ 0.010 χ^2 /NDF: 941644.9/36

dit_sam4_4aX_slope vs Slug, Sign Corrected

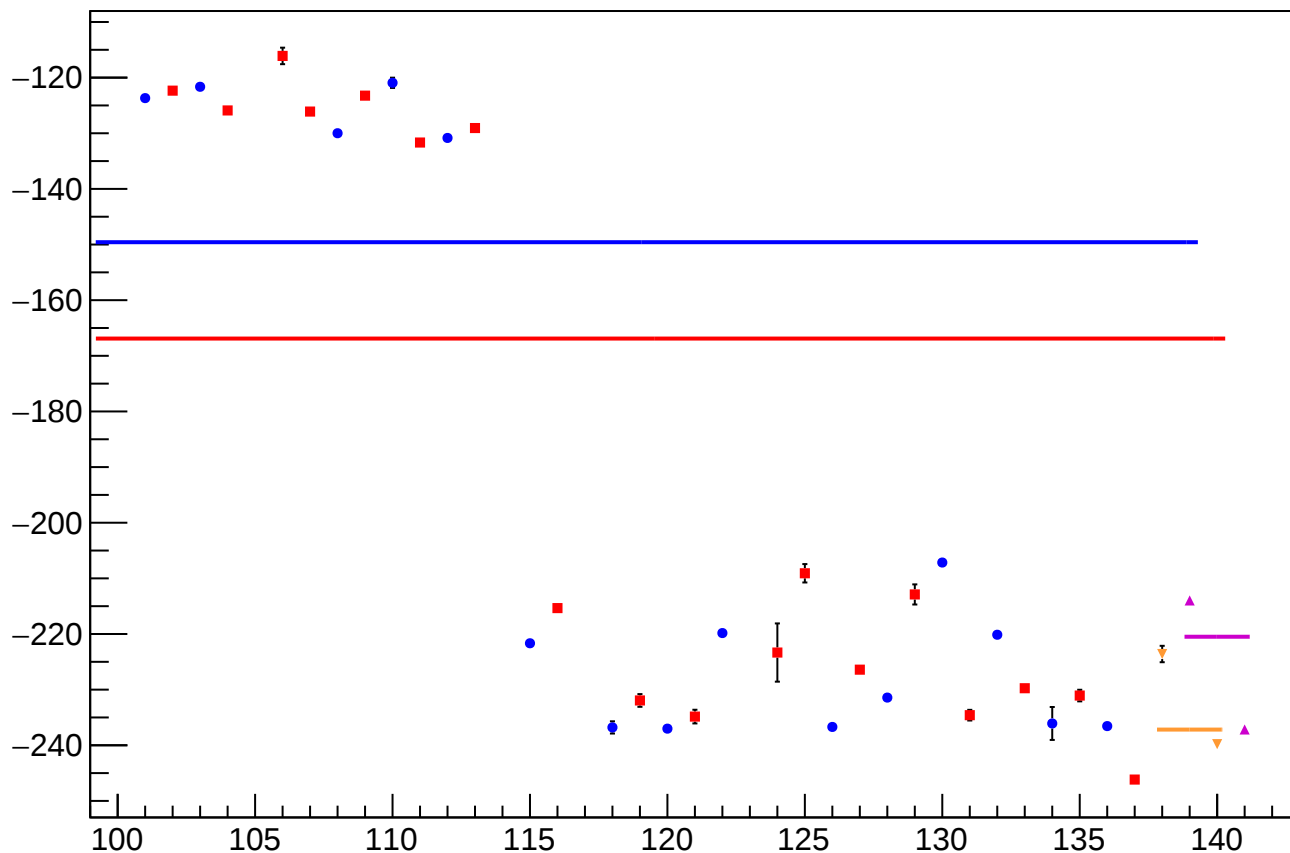


Left: 20.258 +/- 0.262 χ^2/NDF : 2793.3/3
 Right: 10.880 +/- 0.112 χ^2/NDF : 16004.9/32

Right In: 6.916 +/- 0.177 χ^2/NDF : 3503.2/14
 Left Out: 32.198 +/- 0.709 χ^2/NDF : 263.2/1
 Right Out: 13.557 +/- 0.145 χ^2/NDF : 11657.2/17
 Left In: 18.375 +/- 0.282 χ^2/NDF : 2201.8/1

In: 10.150 +/- 0.150 χ^2/NDF : 6893.6/16
 Out: 14.306 +/- 0.142 χ^2/NDF : 12583.8/19
 All: 12.334 +/- 0.103 χ^2/NDF : 19883.2/36

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2 /NDF: 195091.5/14

Left Out: -237.179+/-0.592 χ^2 /NDF:101.4/1

Right Out: -166.899+/-0.101 χ^2 /NDF: 295489.9/17

Left In: -220.491+/-0.241 χ^2 /NDF:1876.2/1

Left: -222.856+/-0.223 χ^2 /NDF: 2658.7/3

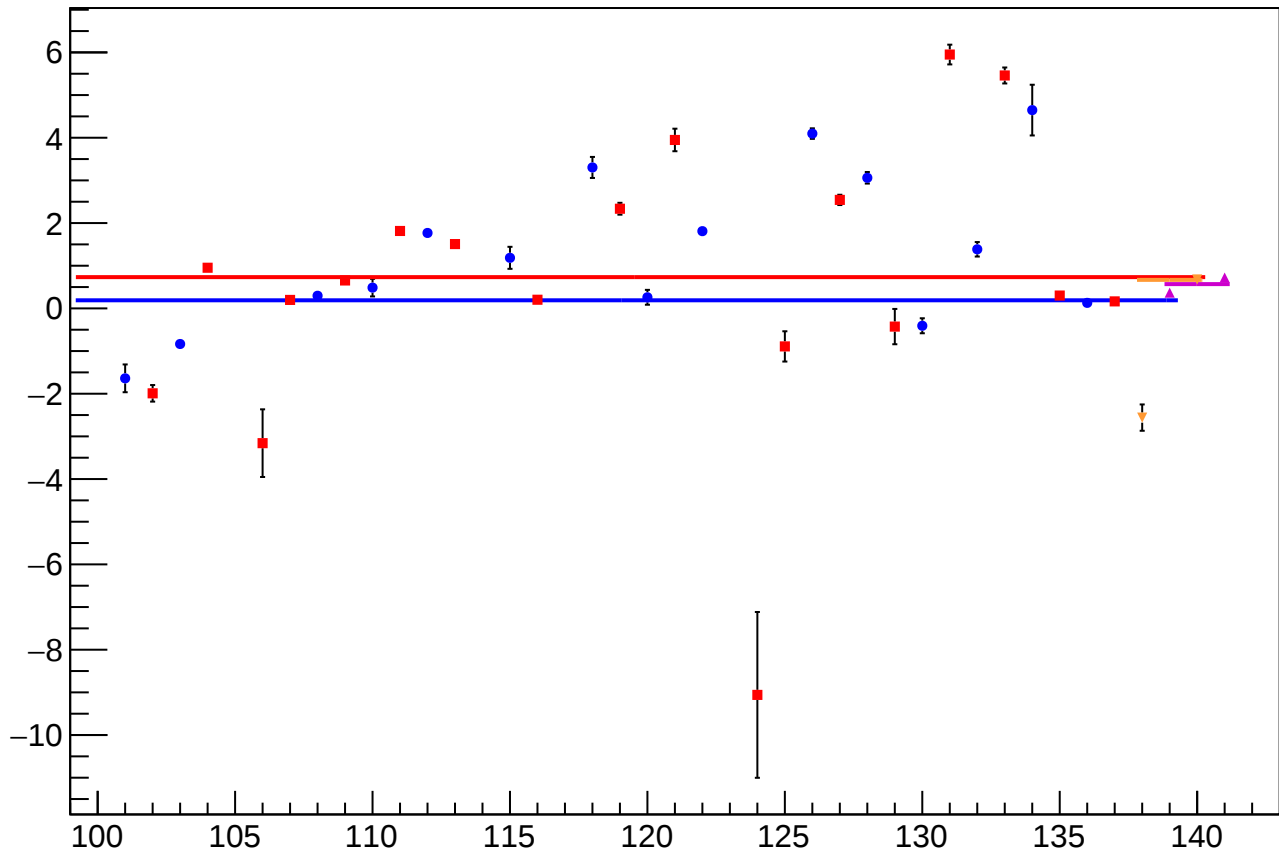
Right: -158.264+/-0.071 χ^2 /NDF: 505360.9/32

In: -160.173+/-0.093 χ^2 /NDF:270788.3/16

Out: -168.868+/-0.099 χ^2 /NDF:309272.8/19

All: -164.243+/-0.068 χ^2 /NDF: 584150.5/36

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.669 $\pm$ 0.017 χ^2 /NDF:109.8/1

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.569 $\pm$ 0.008 χ^2 /NDF:528.3/1

Left: 0.586 $\pm$ 0.007 χ^2 /NDF: 667.4/3

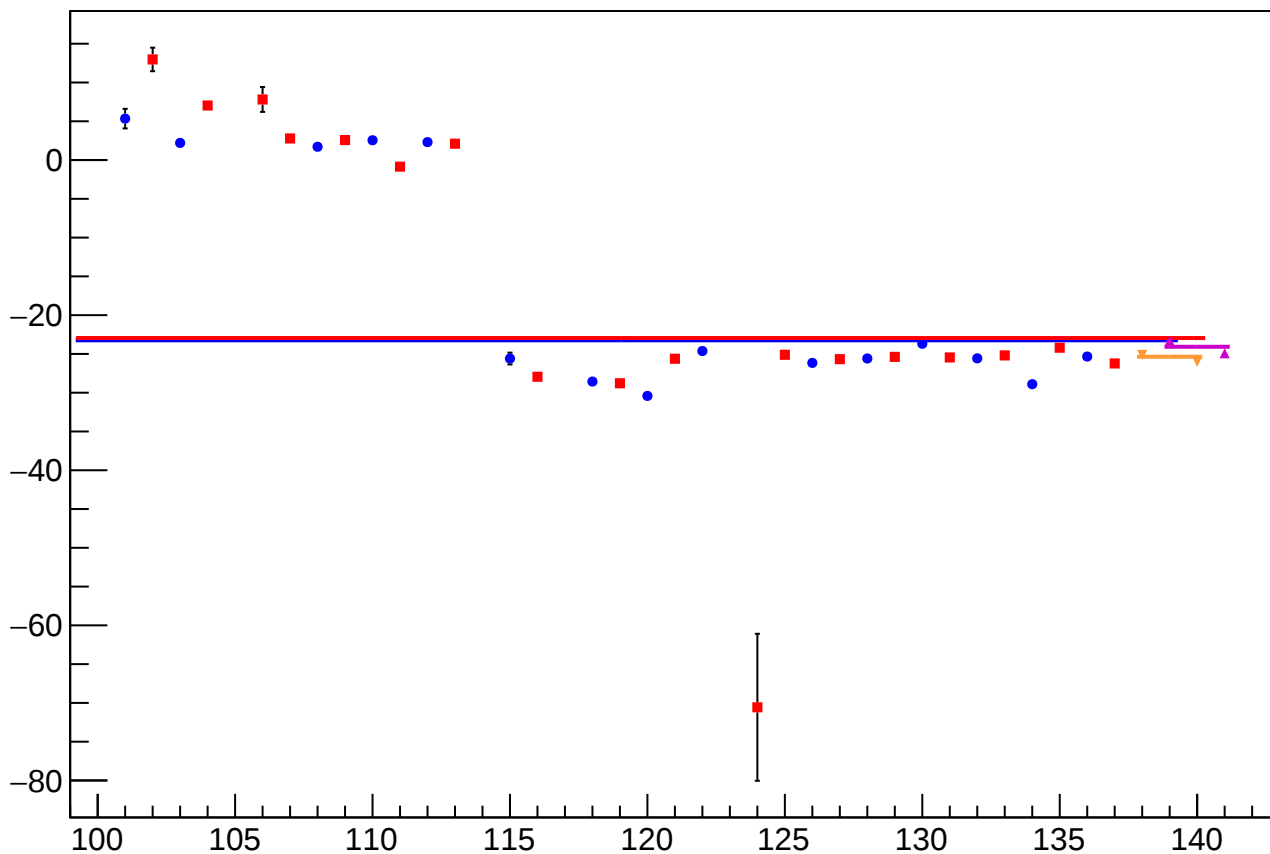
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.402 $\pm$ 0.006 χ^2 /NDF:4342.4/16

Out: 0.696 $\pm$ 0.013 χ^2 /NDF:2782.8/19

All: 0.451 $\pm$ 0.005 χ^2 /NDF: 7563.9/36

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -25.363 ± 0.079 χ^2/NDF : 25.1/1

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -24.078 ± 0.061 χ^2/NDF : 171.6/1

Left: -24.558 ± 0.048 χ^2/NDF : 362.2/3

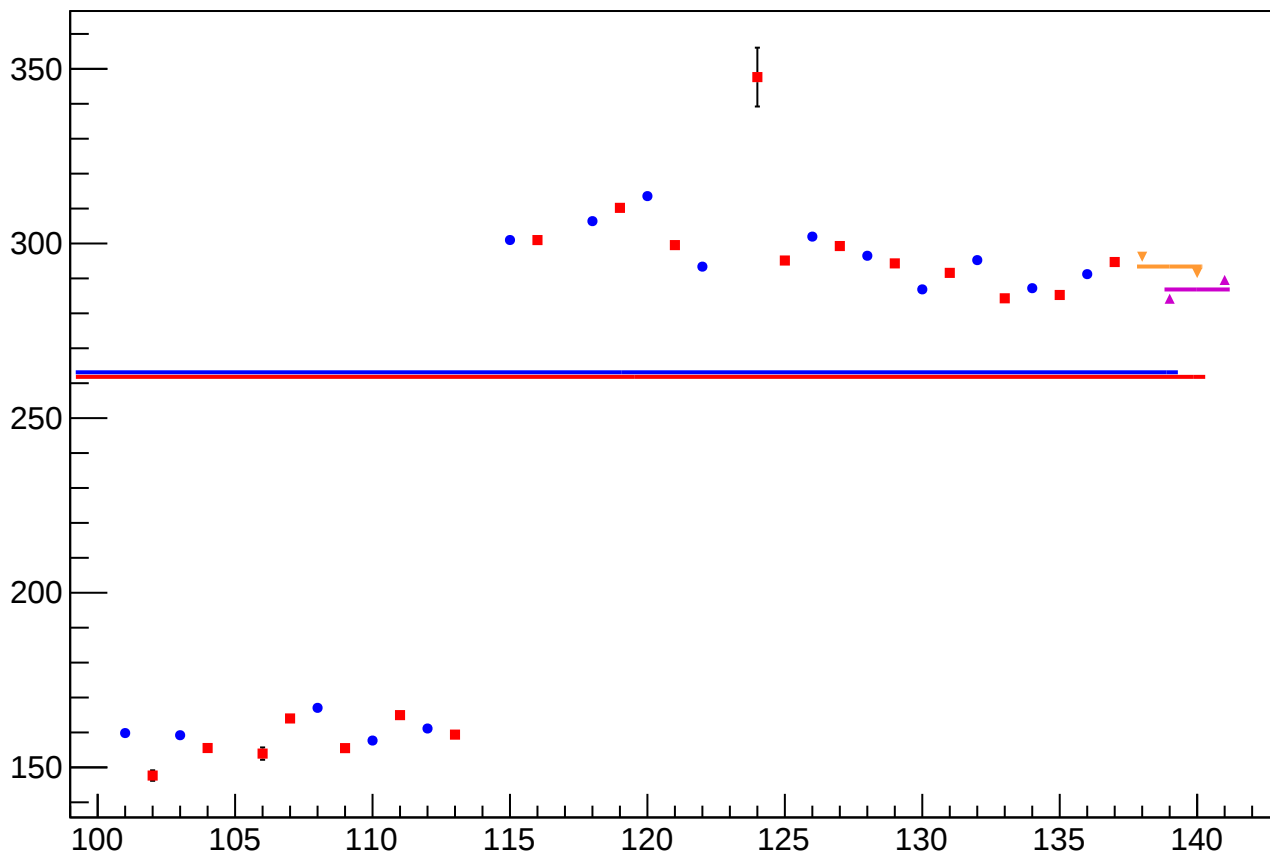
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -23.359 ± 0.023 χ^2/NDF : 103435.6/16

Out: -23.165 ± 0.024 χ^2/NDF : 108911.3/19

All: -23.265 ± 0.016 χ^2/NDF : 212381.7/36

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 293.405+/-0.167 χ^2/NDF :187.0/1

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 286.835+/-0.193 χ^2/NDF :192.9/1

Left: 290.591+/-0.127 χ^2/NDF : 1039.1/3

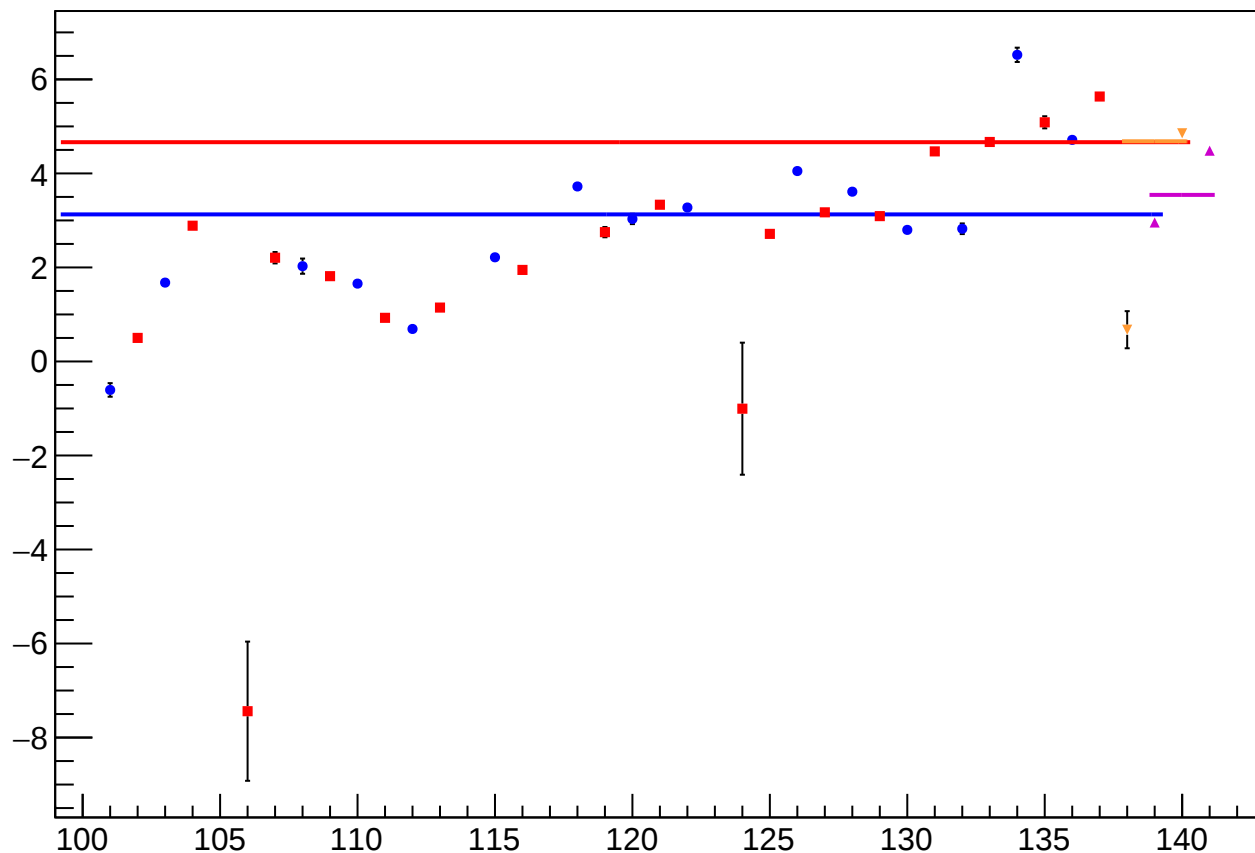
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.802+/-0.065 χ^2/NDF :706405.2/16

Out: 265.454+/-0.057 χ^2/NDF :1037857.5/19

All: 265.605+/-0.043 χ^2/NDF : 1744278.8/36

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.683 $\pm$ 0.080 χ^2 /NDF:107.4/1

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 3.543 $\pm$ 0.030 χ^2 /NDF:610.2/1

Left: 3.685 $\pm$ 0.028 χ^2 /NDF: 896.8/3

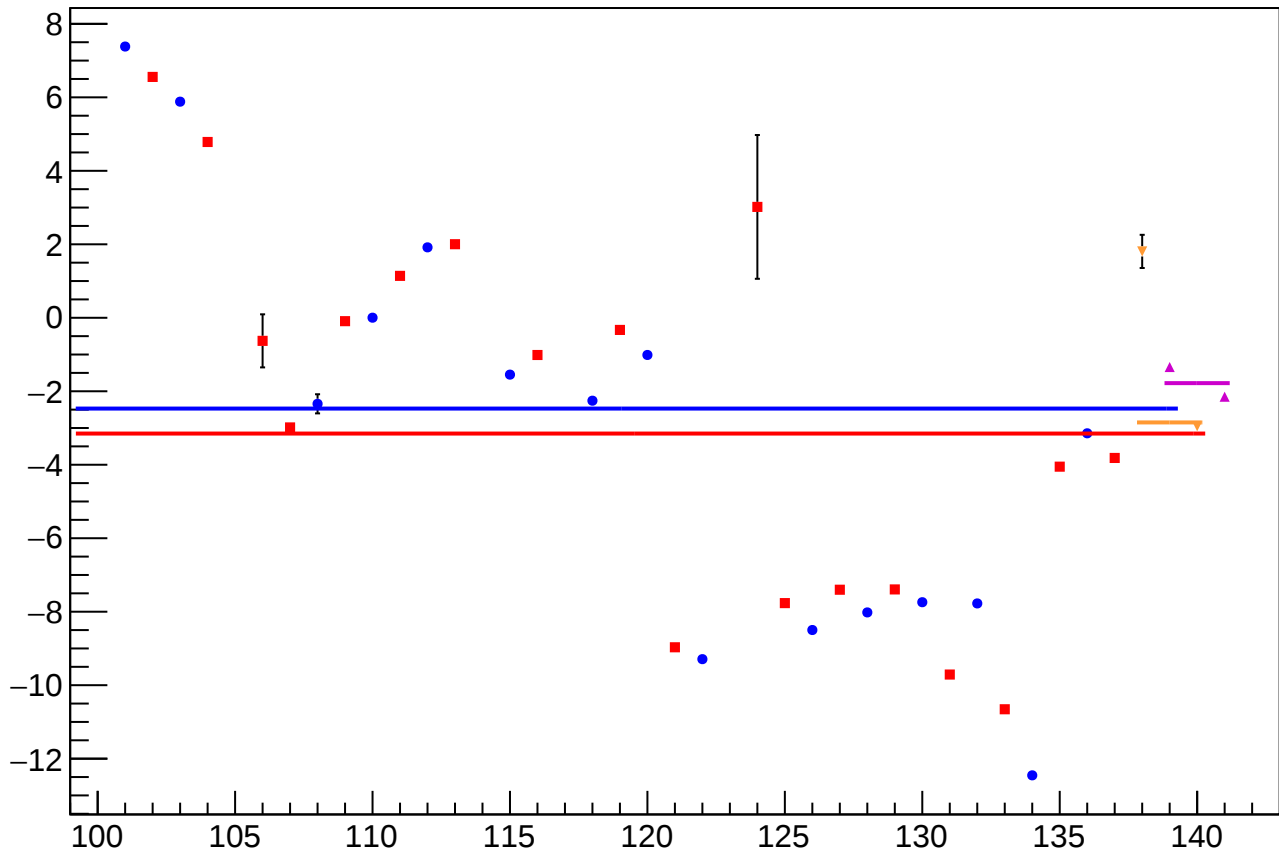
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.218 $\pm$ 0.014 χ^2 /NDF:6427.2/16

Out: 4.664 $\pm$ 0.006 χ^2 /NDF:66970.0/19

All: 4.418 $\pm$ 0.006 χ^2 /NDF: 82308.8/36

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.848 ± 0.067 $\chi^2/\text{NDF}: 108.7/1$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -1.779 ± 0.032 $\chi^2/\text{NDF}: 154.7/1$

Left: -1.980 ± 0.029 $\chi^2/\text{NDF}: 469.4/3$

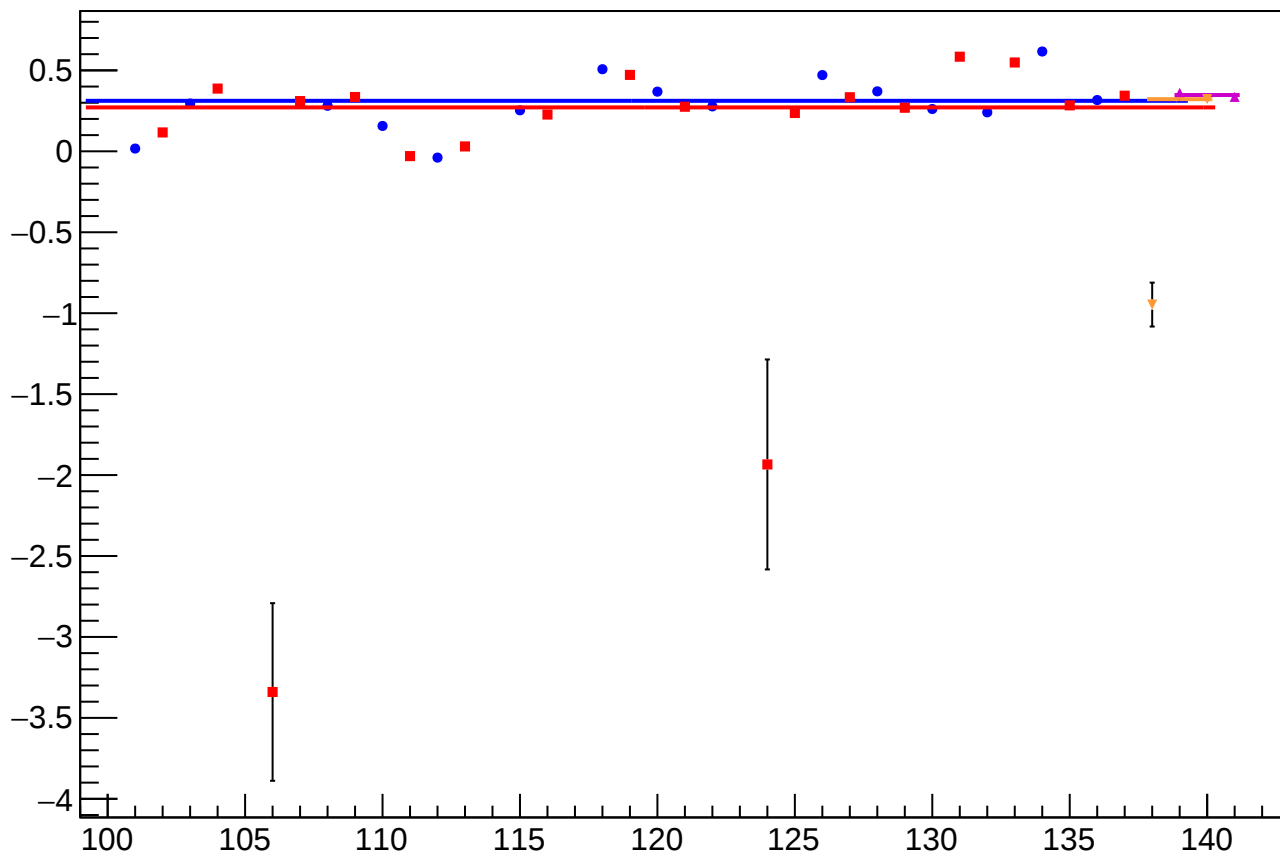
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.360 ± 0.013 $\chi^2/\text{NDF}: 243119.1/16$

Out: -3.147 ± 0.007 $\chi^2/\text{NDF}: 247556.5/19$

All: -2.954 ± 0.006 $\chi^2/\text{NDF}: 493468.4/36$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.322 ± 0.003 $\chi^2/\text{NDF}: 87.6/1$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.348 ± 0.004 $\chi^2/\text{NDF}: 10.5/1$

Left: 0.332 ± 0.002 $\chi^2/\text{NDF}: 125.1/3$

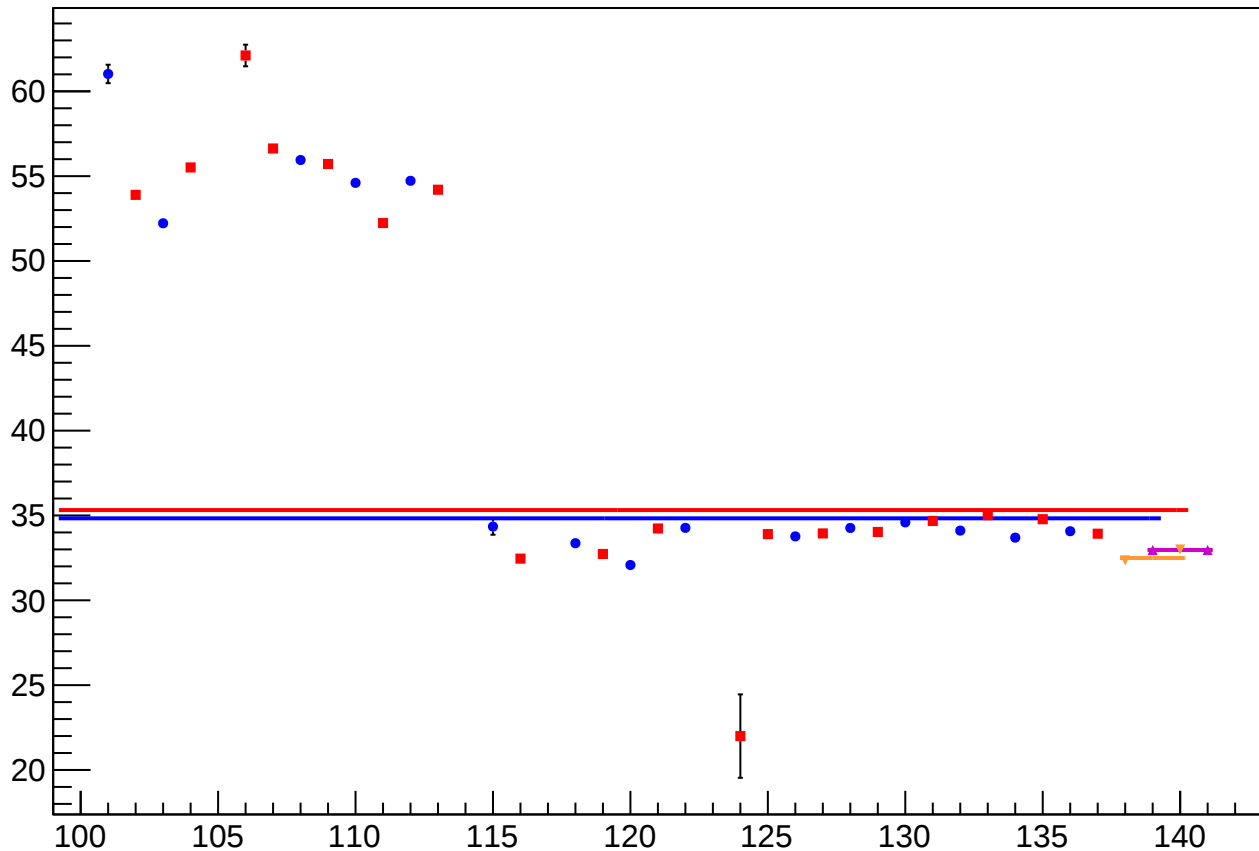
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.315 ± 0.001 $\chi^2/\text{NDF}: 1406.8/16$

Out: 0.287 ± 0.002 $\chi^2/\text{NDF}: 6415.6/19$

All: 0.306 ± 0.001 $\chi^2/\text{NDF}: 7997.5/36$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.495 $\pm$ 0.023 χ^2 /NDF:129.6/1

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.966 $\pm$ 0.021 χ^2 /NDF:0.0/1

Left: 32.755 $\pm$ 0.016 χ^2 /NDF: 351.5/3

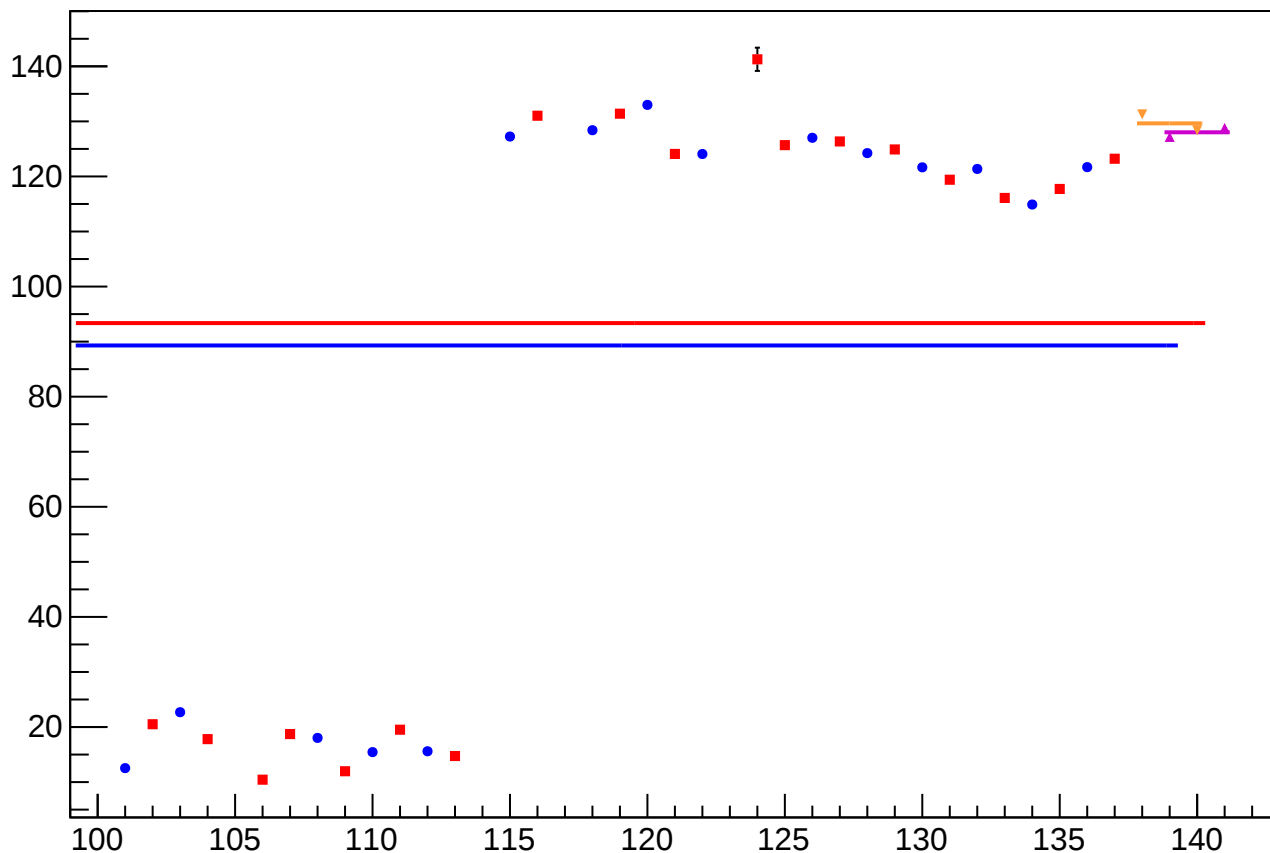
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.567 $\pm$ 0.008 χ^2 /NDF:252226.8/16

Out: 34.889 $\pm$ 0.009 χ^2 /NDF:273893.8/19

All: 34.706 $\pm$ 0.006 χ^2 /NDF: 526822.1/36

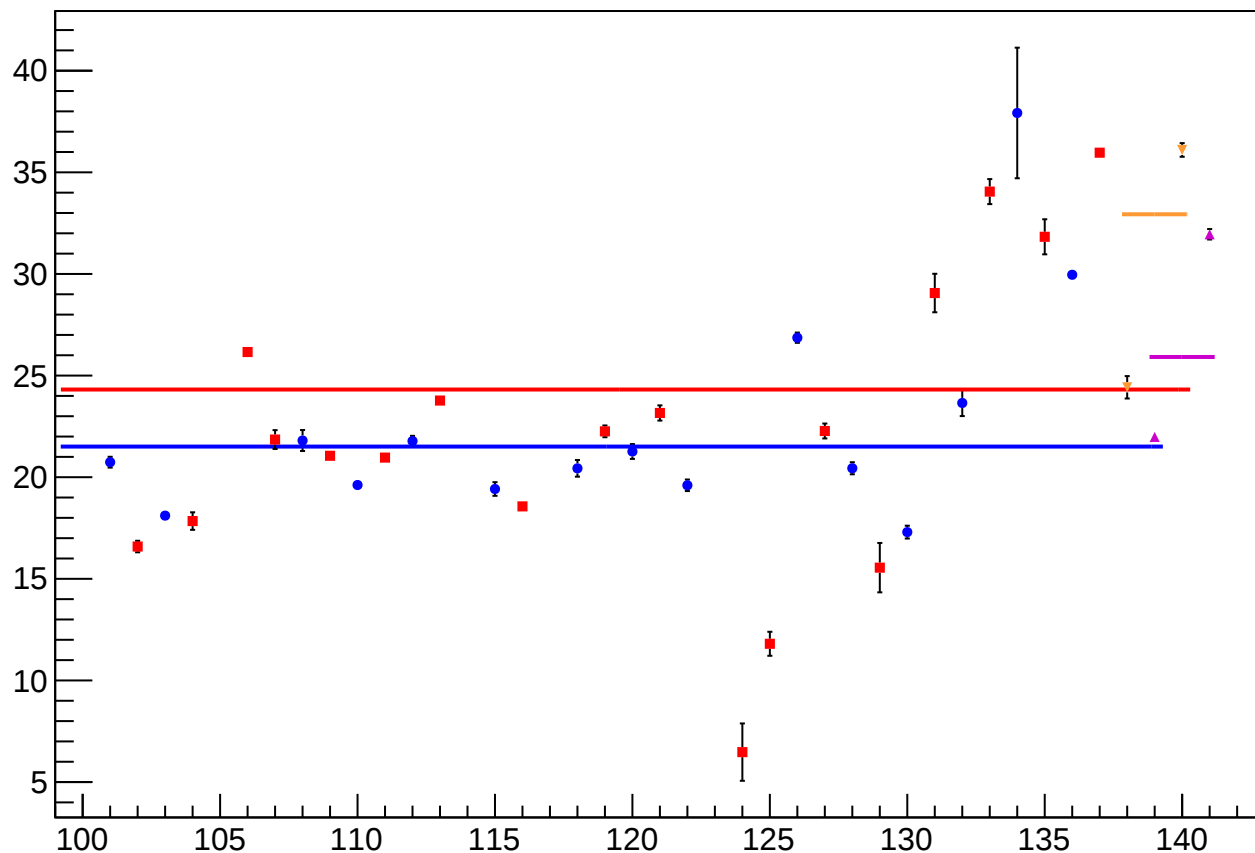
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$
 Left Out: 129.641 ± 0.068 $\chi^2/\text{NDF}: 444.3/1$
 Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$
 Left In: 128.020 ± 0.068 $\chi^2/\text{NDF}: 146.1/1$

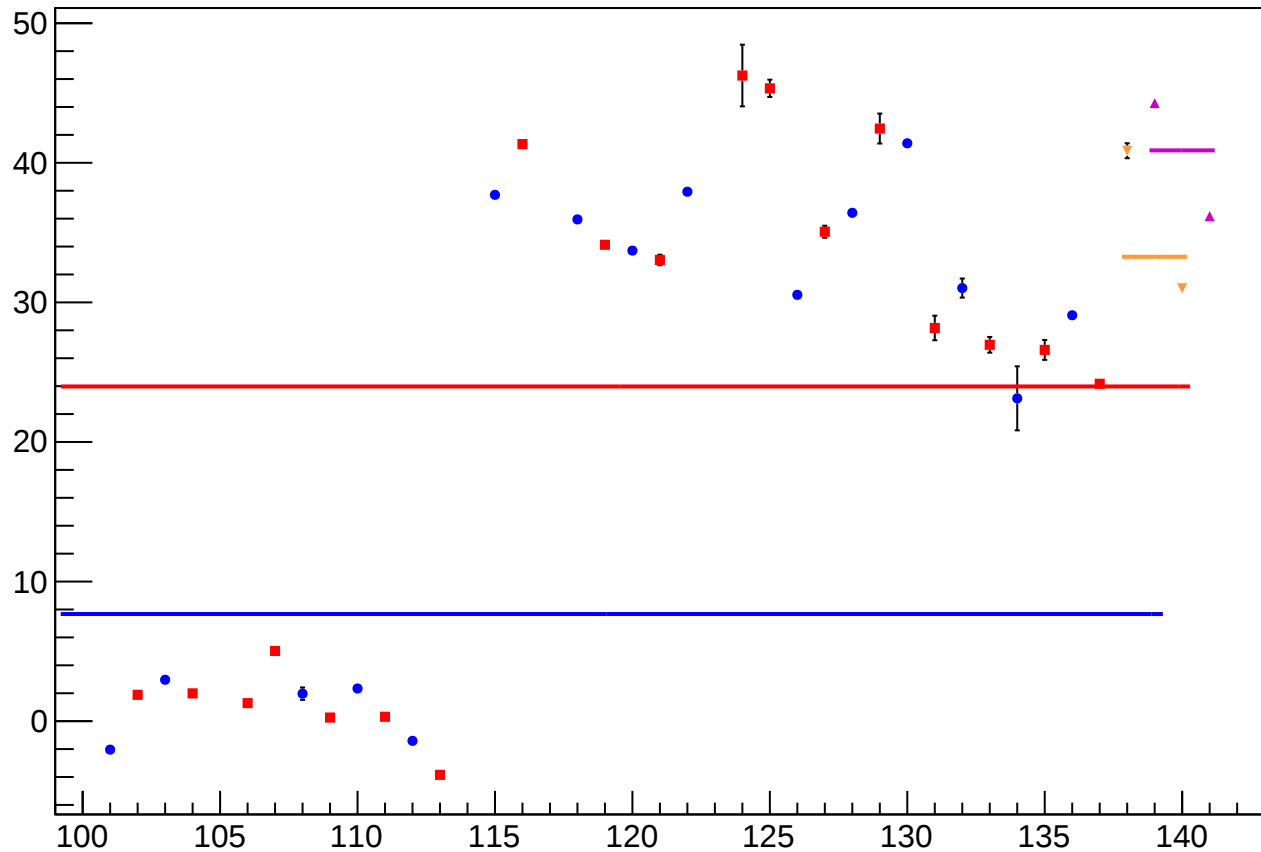
Left: 128.826 ± 0.048 $\chi^2/\text{NDF}: 876.0/3$
 Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$
 In: 94.770 ± 0.025 $\chi^2/\text{NDF}: 3315841.3/16$
 Out: 99.247 ± 0.027 $\chi^2/\text{NDF}: 3090864.4/19$
 All: 96.841 ± 0.019 $\chi^2/\text{NDF}: 6421047.8/36$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Left: 27.605 ± 0.141 $\chi^2/\text{NDF}: 1692.7/3$
 Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$
 In: 22.243 ± 0.066 $\chi^2/\text{NDF}: 4494.2/16$
 Out: 24.658 ± 0.057 $\chi^2/\text{NDF}: 15489.7/19$
 All: 23.620 ± 0.043 $\chi^2/\text{NDF}: 20746.8/36$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 33.267+/-0.256 χ^2/NDF :261.0/1

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 40.891+/-0.132 χ^2/NDF :911.0/1

Left: 39.285+/-0.118 χ^2/NDF : 1871.5/3

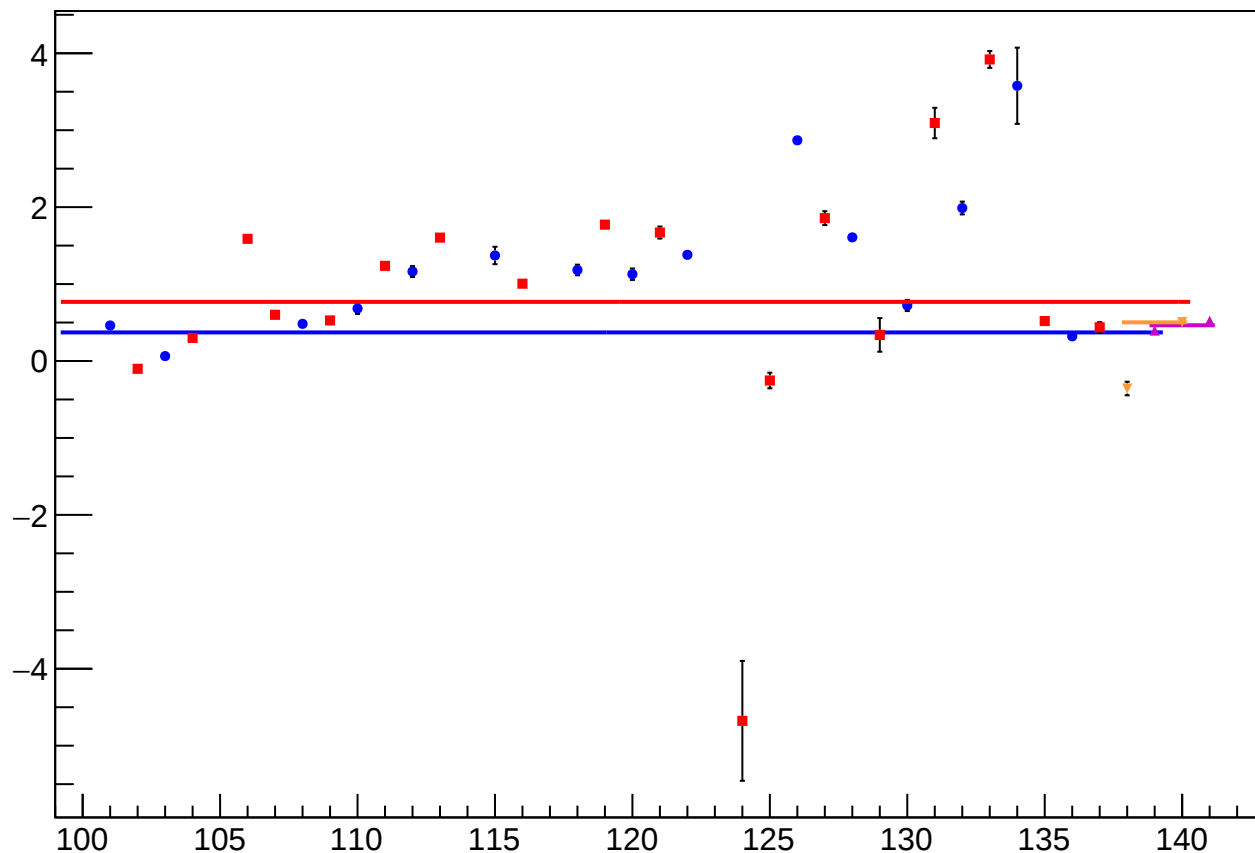
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 11.151+/-0.043 χ^2/NDF :153784.9/16

Out: 23.987+/-0.008 χ^2/NDF :112139.0/19

All: 23.535+/-0.008 χ^2/NDF : 352683.2/36

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.503 ± 0.005 $\chi^2/\text{NDF}: 95.2/1$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.465 ± 0.003 $\chi^2/\text{NDF}: 363.7/1$

Left: 0.477 ± 0.003 $\chi^2/\text{NDF}: 502.4/3$

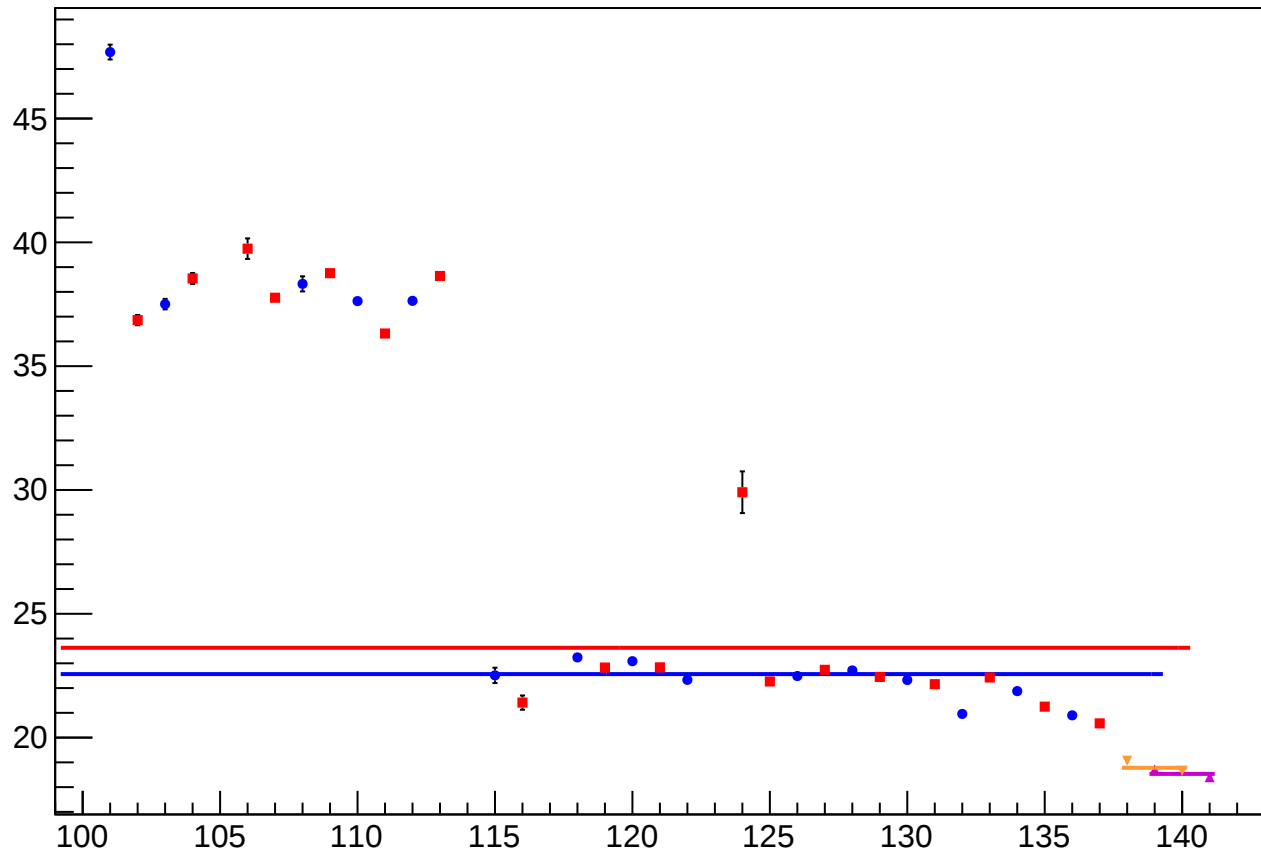
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.430 ± 0.003 $\chi^2/\text{NDF}: 5399.3/16$

Out: 0.586 ± 0.004 $\chi^2/\text{NDF}: 5243.0/19$

All: 0.480 ± 0.002 $\chi^2/\text{NDF}: 11742.6/36$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 18.781+/-0.022 χ^2/NDF : 71.0/1

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 18.534+/-0.019 χ^2/NDF : 64.1/1

Left: 18.640+/-0.015 χ^2/NDF : 205.8/3

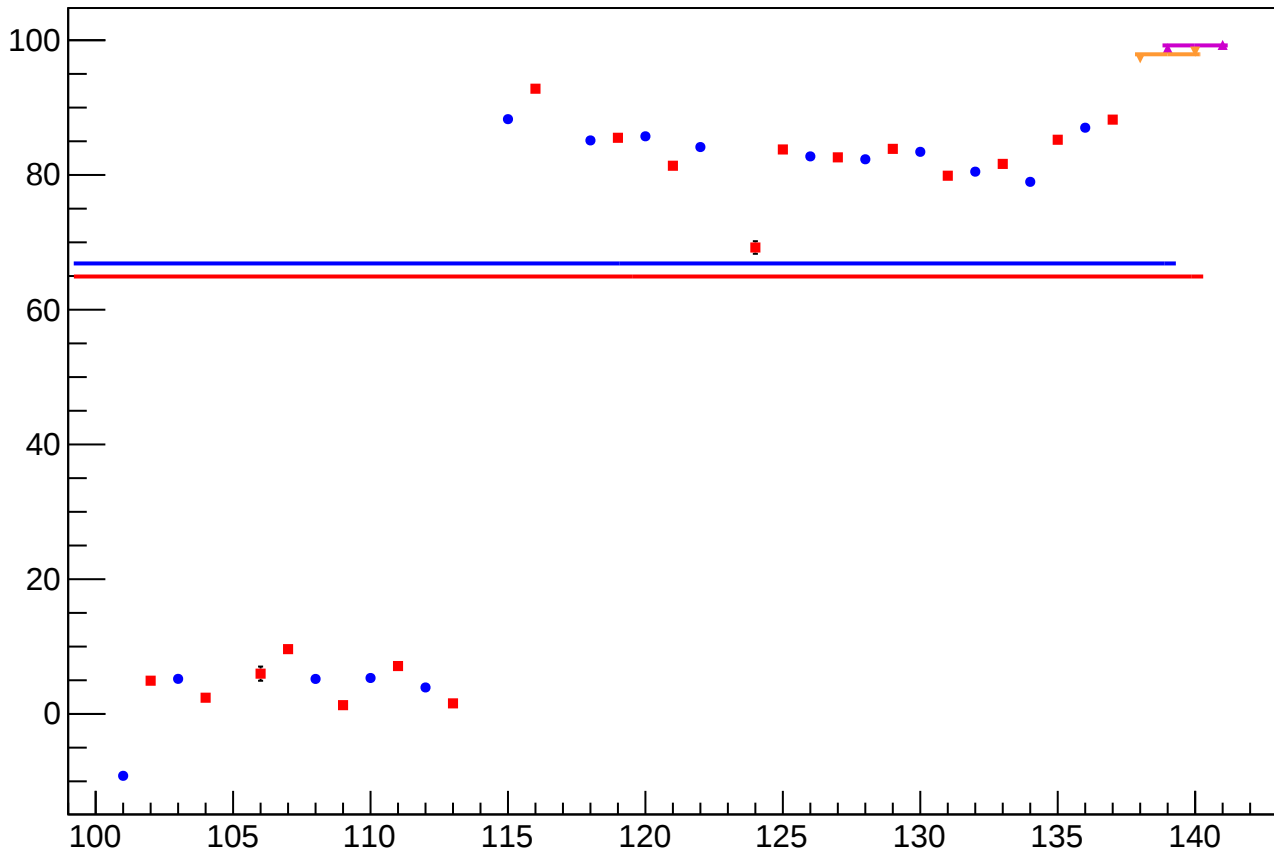
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 21.687+/-0.009 χ^2/NDF : 127095.6/16

Out: 22.640+/-0.010 χ^2/NDF : 161253.5/19

All: 22.113+/-0.007 χ^2/NDF : 293353.8/36

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 97.911+/-0.042 χ^2/NDF :134.9/1

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.229+/-0.033 χ^2/NDF :30.6/1

Left: 98.732+/-0.026 χ^2/NDF : 779.1/3

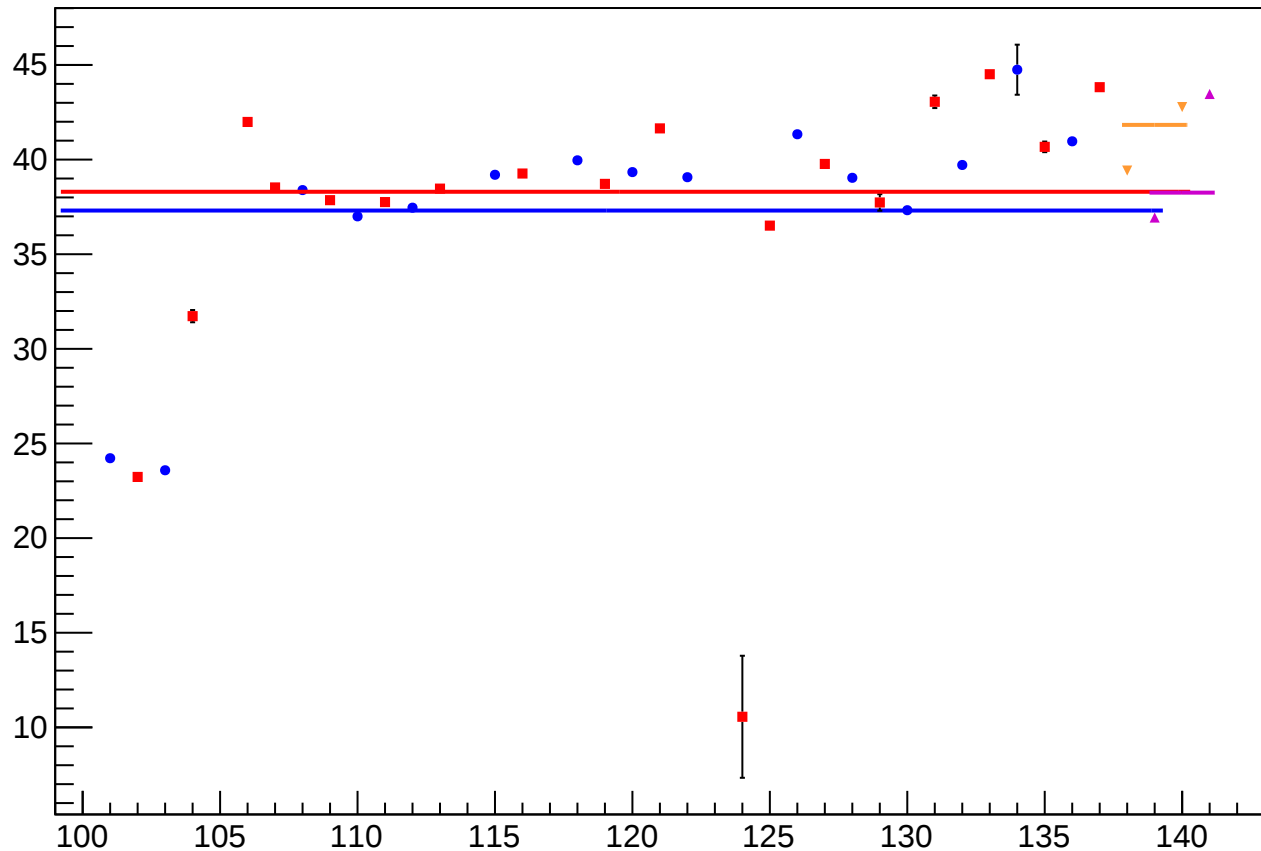
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.027+/-0.021 χ^2/NDF :2075892.1/16

Out: 75.937+/-0.024 χ^2/NDF :1745567.5/19

All: 78.291+/-0.016 χ^2/NDF : 3837803.8/36

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.833 ± 0.127 $\chi^2/\text{NDF}: 141.8/1$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.254 ± 0.062 $\chi^2/\text{NDF}: 1803.7/1$

Left: 38.939 ± 0.055 $\chi^2/\text{NDF}: 2591.0/3$

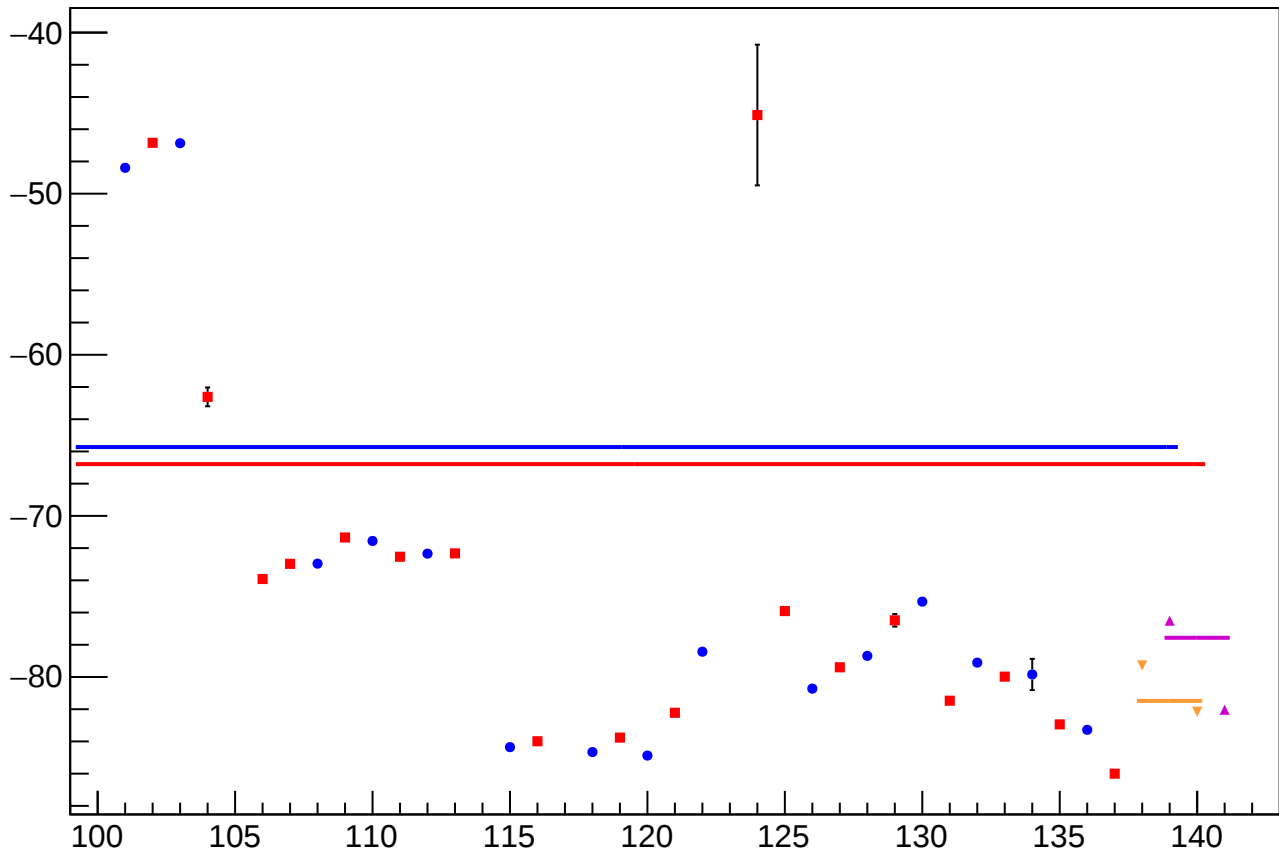
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.424 ± 0.022 $\chi^2/\text{NDF}: 61590.0/16$

Out: 38.390 ± 0.020 $\chi^2/\text{NDF}: 19740.0/19$

All: 37.939 ± 0.015 $\chi^2/\text{NDF}: 82393.7/36$

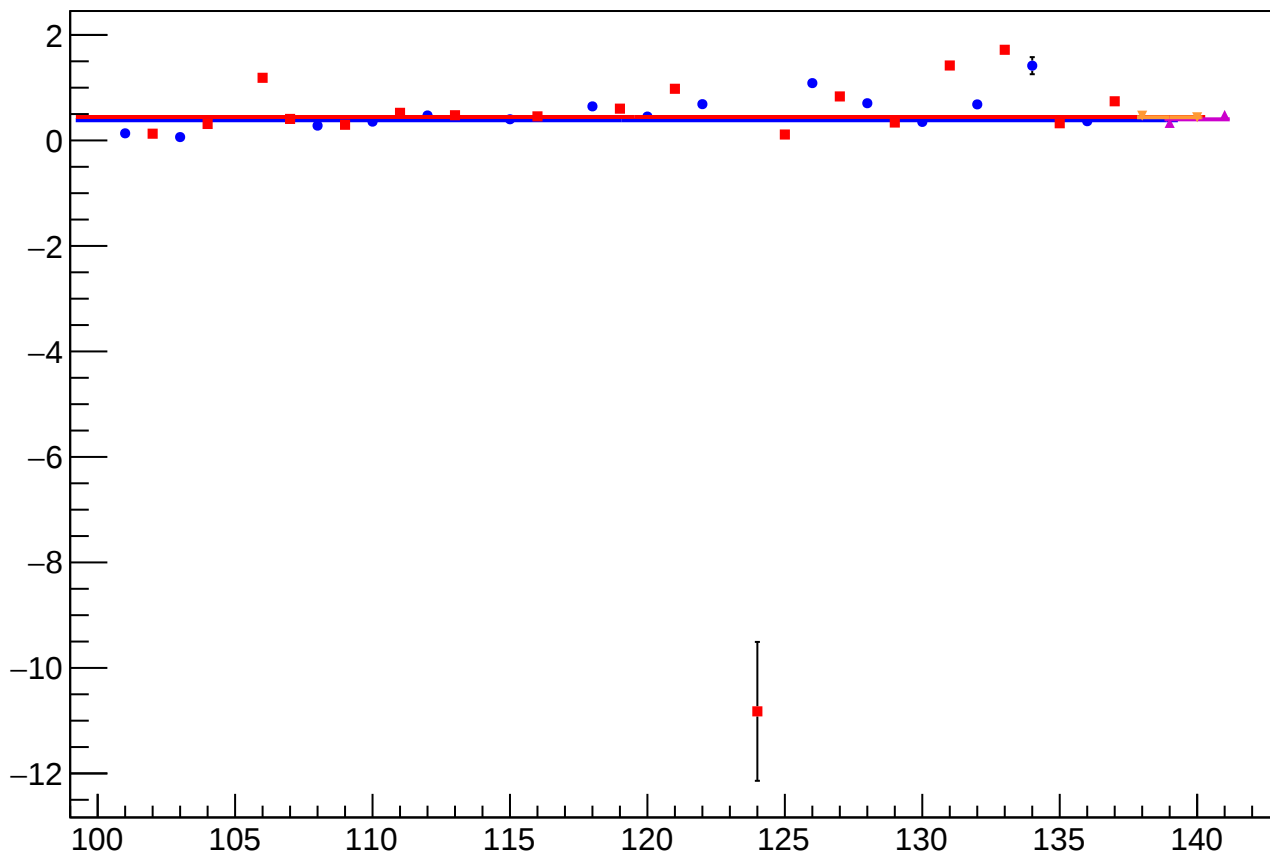
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -81.484 ± 0.106 $\chi^2/\text{NDF}: 131.7/1$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -77.566 ± 0.048 $\chi^2/\text{NDF}: 2026.5/1$

Left: -78.241 ± 0.044 $\chi^2/\text{NDF}: 3288.4/3$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -67.009 ± 0.016 $\chi^2/\text{NDF}: 958507.0/16$
 Out: -67.108 ± 0.016 $\chi^2/\text{NDF}: 828286.4/19$
 All: -67.059 ± 0.011 $\chi^2/\text{NDF}: 1786813.1/36$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.439+/-0.003 χ^2/NDF : 4.5/1

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.400+/-0.002 χ^2/NDF : 1799.8/1

Left: 0.412+/-0.001 χ^2/NDF : 1952.8/3

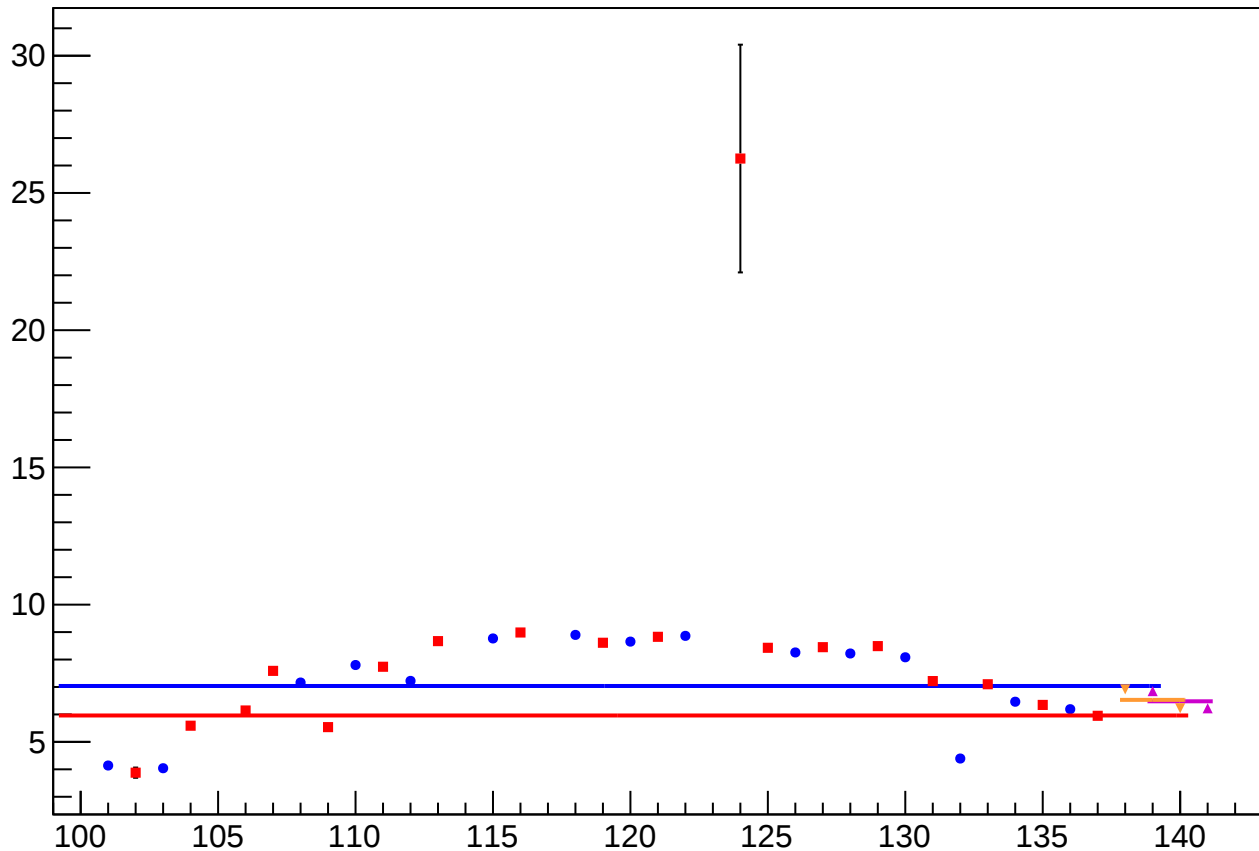
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.392+/-0.001 χ^2/NDF : 10018.4/16

Out: 0.441+/-0.002 χ^2/NDF : 2791.8/19

All: 0.405+/-0.001 χ^2/NDF : 13189.5/36

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.530 ± 0.008 χ^2/NDF : 2038.6/1

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.478 ± 0.006 χ^2/NDF : 2652.5/1

Left: 6.498 ± 0.005 χ^2/NDF : 4720.1/3

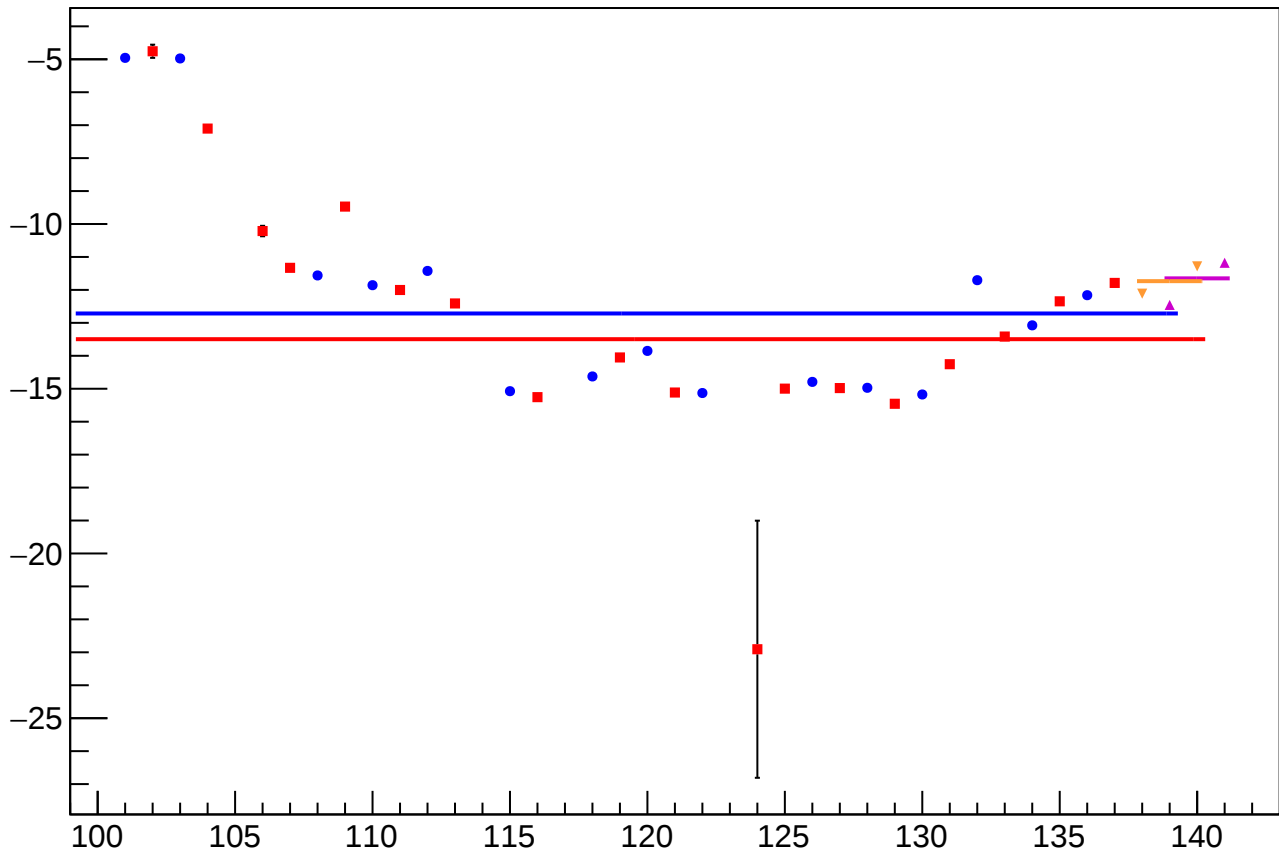
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.833 ± 0.004 χ^2/NDF : 78110.4/16

Out: 5.963 ± 0.000 χ^2/NDF : 176010.6/19

All: 5.974 ± 0.000 χ^2/NDF : 311564.9/36

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -11.734+/-0.009 χ^2/NDF :2126.1/1

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.650+/-0.011 χ^2/NDF :3229.4/1

Left: -11.700+/-0.007 χ^2/NDF : 5391.7/3

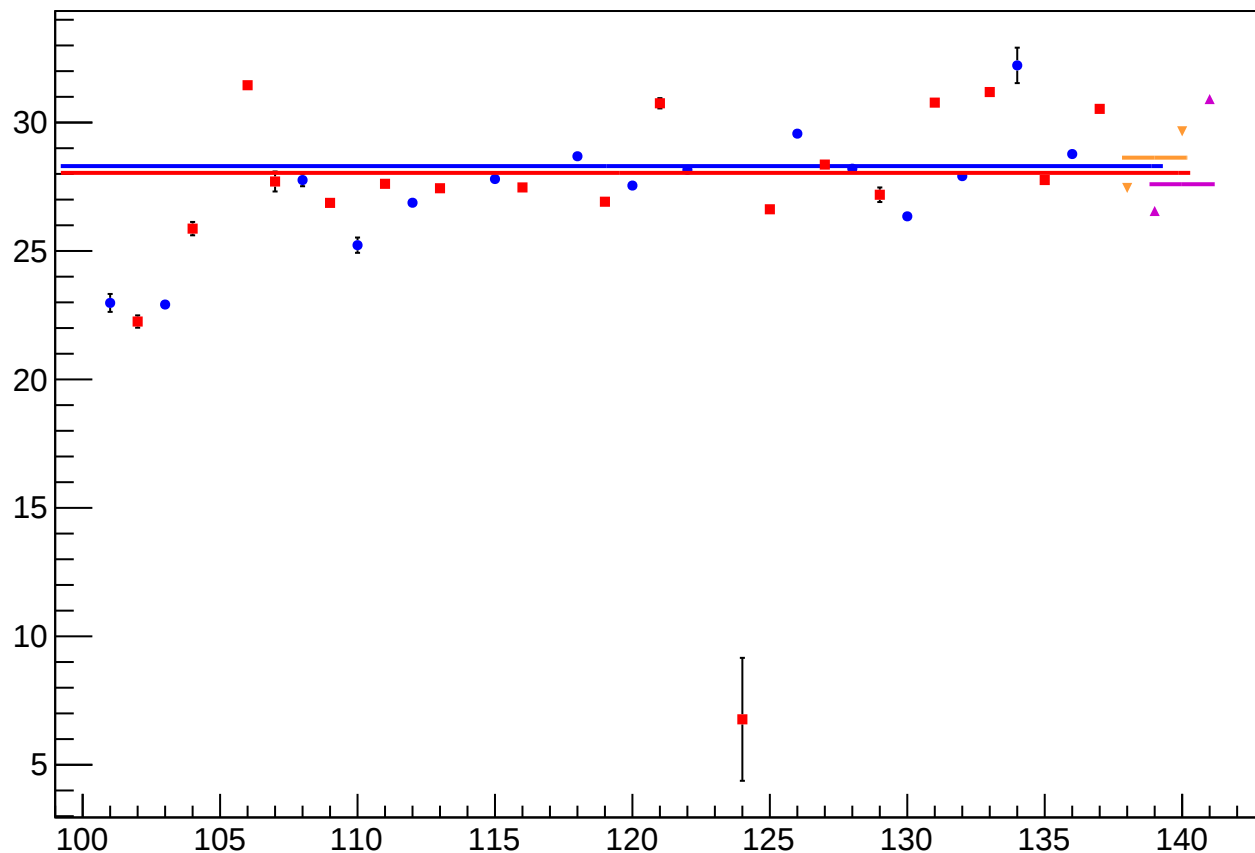
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -12.442+/-0.006 χ^2/NDF :95601.0/16

Out: -12.974+/-0.005 χ^2/NDF :85108.9/19

All: -12.740+/-0.004 χ^2/NDF : 185938.7/36

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.632 ± 0.081 $\chi^2/\text{NDF}: 183.2/1$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.598 ± 0.047 $\chi^2/\text{NDF}: 1584.7/1$

Left: 27.855 ± 0.040 $\chi^2/\text{NDF}: 1889.7/3$

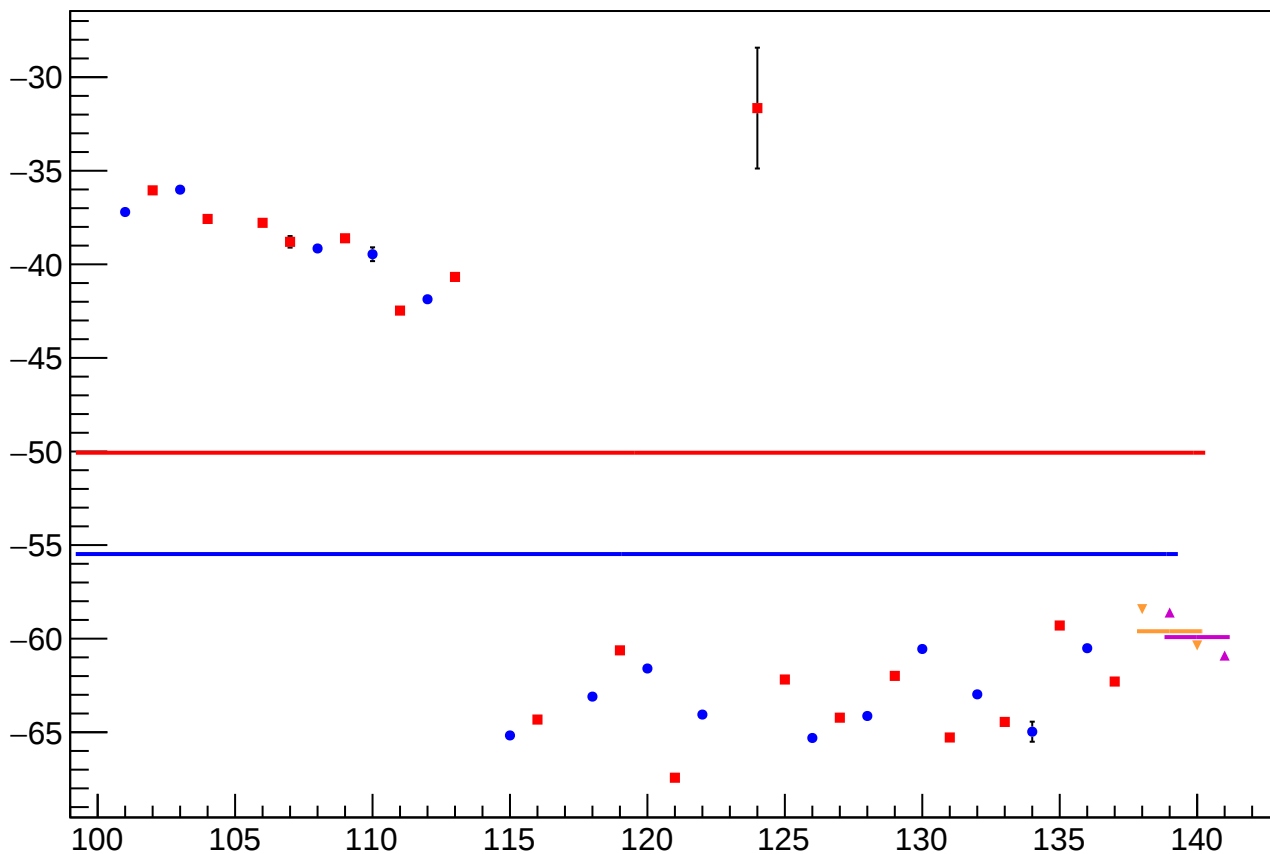
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.165 ± 0.021 $\chi^2/\text{NDF}: 5168.3/16$

Out: 28.112 ± 0.028 $\chi^2/\text{NDF}: 2791.4/19$

All: 28.147 ± 0.017 $\chi^2/\text{NDF}: 7962.0/36$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -59.604 ± 0.070 $\chi^2/\text{NDF}: 182.6/1$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -59.917 ± 0.058 $\chi^2/\text{NDF}: 389.1/1$

Left: -59.790 ± 0.045 $\chi^2/\text{NDF}: 583.6/3$

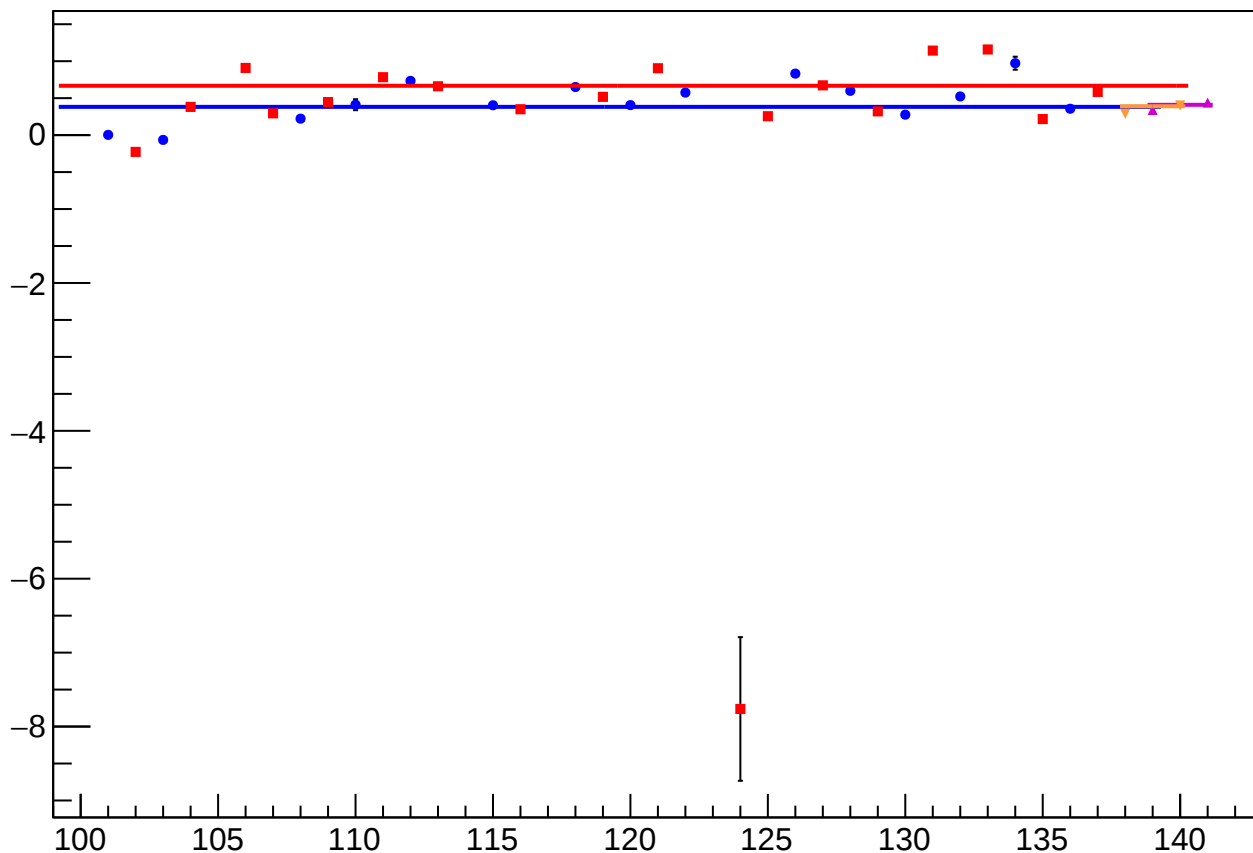
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.817 ± 0.016 $\chi^2/\text{NDF}: 600988.3/16$

Out: -51.005 ± 0.022 $\chi^2/\text{NDF}: 357046.6/19$

All: -54.159 ± 0.013 $\chi^2/\text{NDF}: 989516.2/36$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.390 ± 0.003 χ^2/NDF : 167.7/1

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.410 ± 0.002 χ^2/NDF : 898.1/1

Left: 0.405 ± 0.001 χ^2/NDF : 1108.7/3

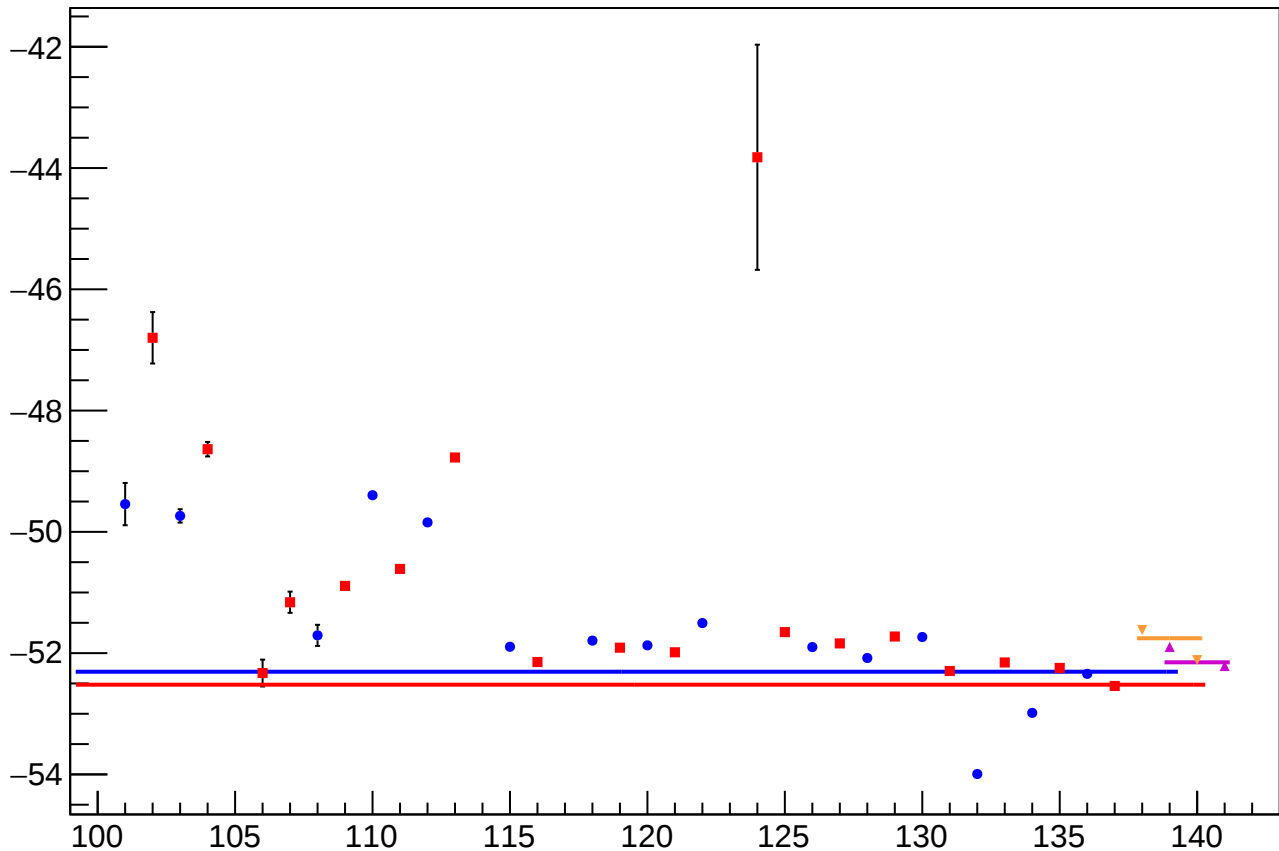
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.397 ± 0.001 χ^2/NDF : 5649.2/16

Out: 0.456 ± 0.002 χ^2/NDF : 6631.8/19

All: 0.408 ± 0.001 χ^2/NDF : 12847.5/36

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -51.755 $\pm$ 0.008 χ^2 /NDF: 693.0/1

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -52.152 $\pm$ 0.005 χ^2 /NDF: 570.0/1

Left: -52.041 $\pm$ 0.004 χ^2 /NDF: 2885.8/3

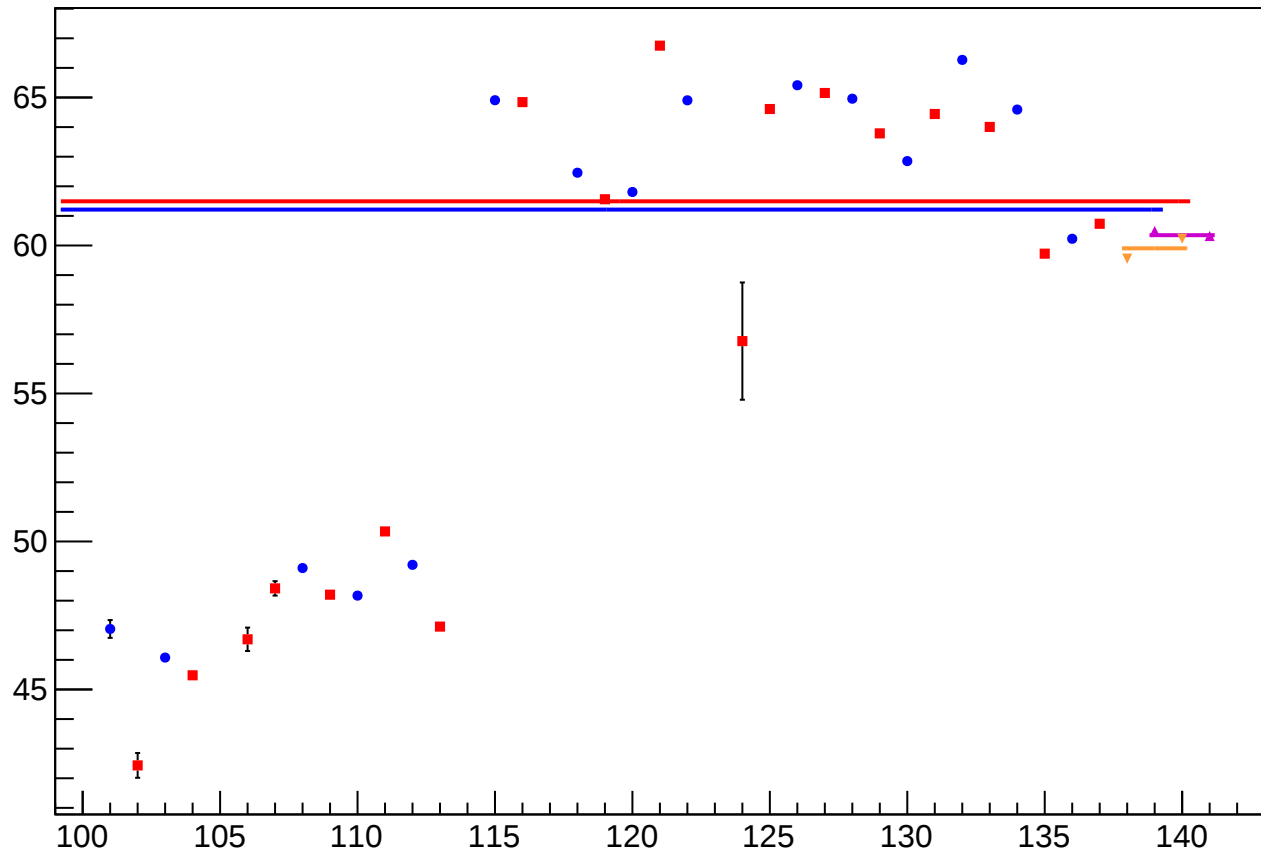
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -52.251 $\pm$ 0.003 χ^2 /NDF: 26569.6/16

Out: -52.508 $\pm$ 0.001 χ^2 /NDF: 23888.4/19

All: -52.479 $\pm$ 0.001 χ^2 /NDF: 56515.1/36

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 59.904 ± 0.014 $\chi^2/\text{NDF}: 578.5/1$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 60.348 ± 0.024 $\chi^2/\text{NDF}: 6.6/1$

Left: 60.014 ± 0.012 $\chi^2/\text{NDF}: 833.6/3$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 61.090 ± 0.009 $\chi^2/\text{NDF}: 157706.1/16$

Out: 61.196 ± 0.006 $\chi^2/\text{NDF}: 254494.8/19$

All: 61.164 ± 0.005 $\chi^2/\text{NDF}: 412293.5/36$

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

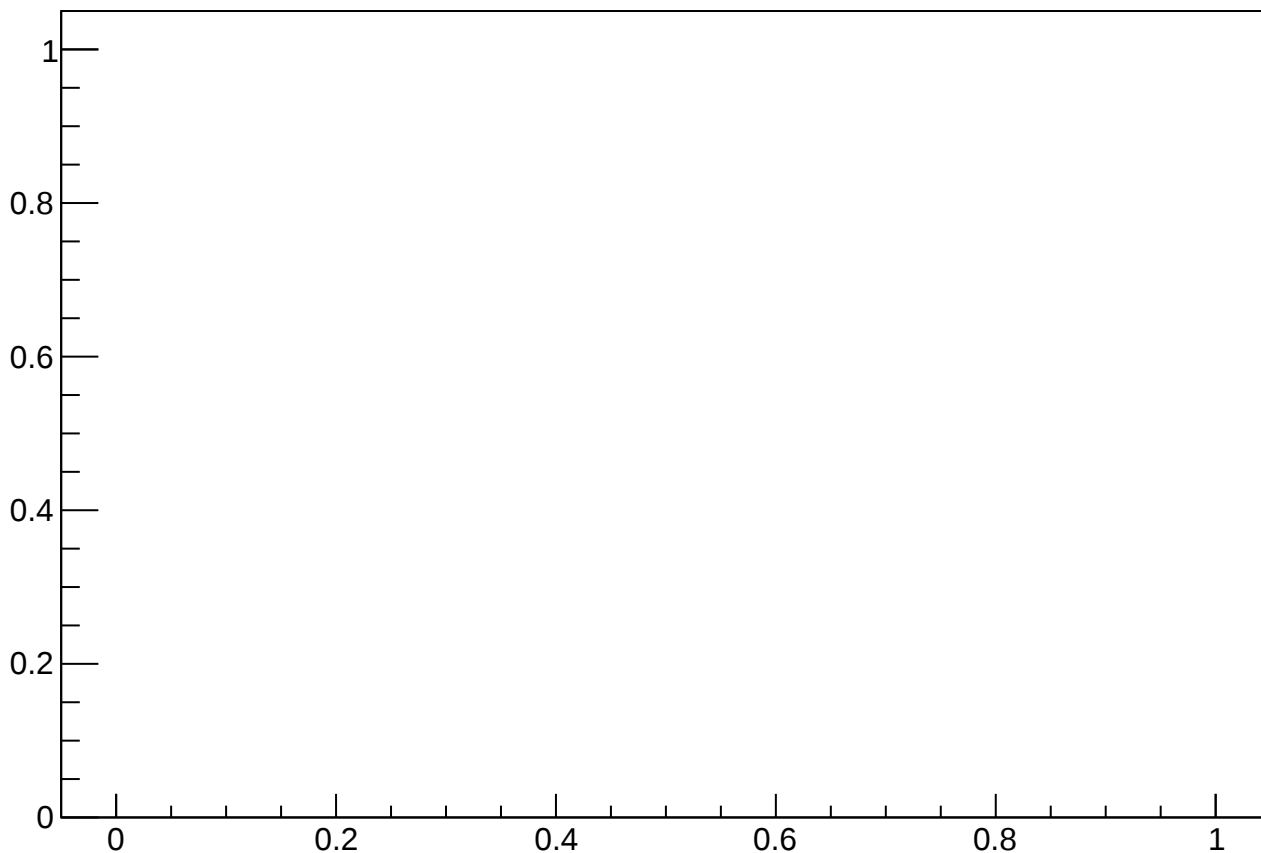
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

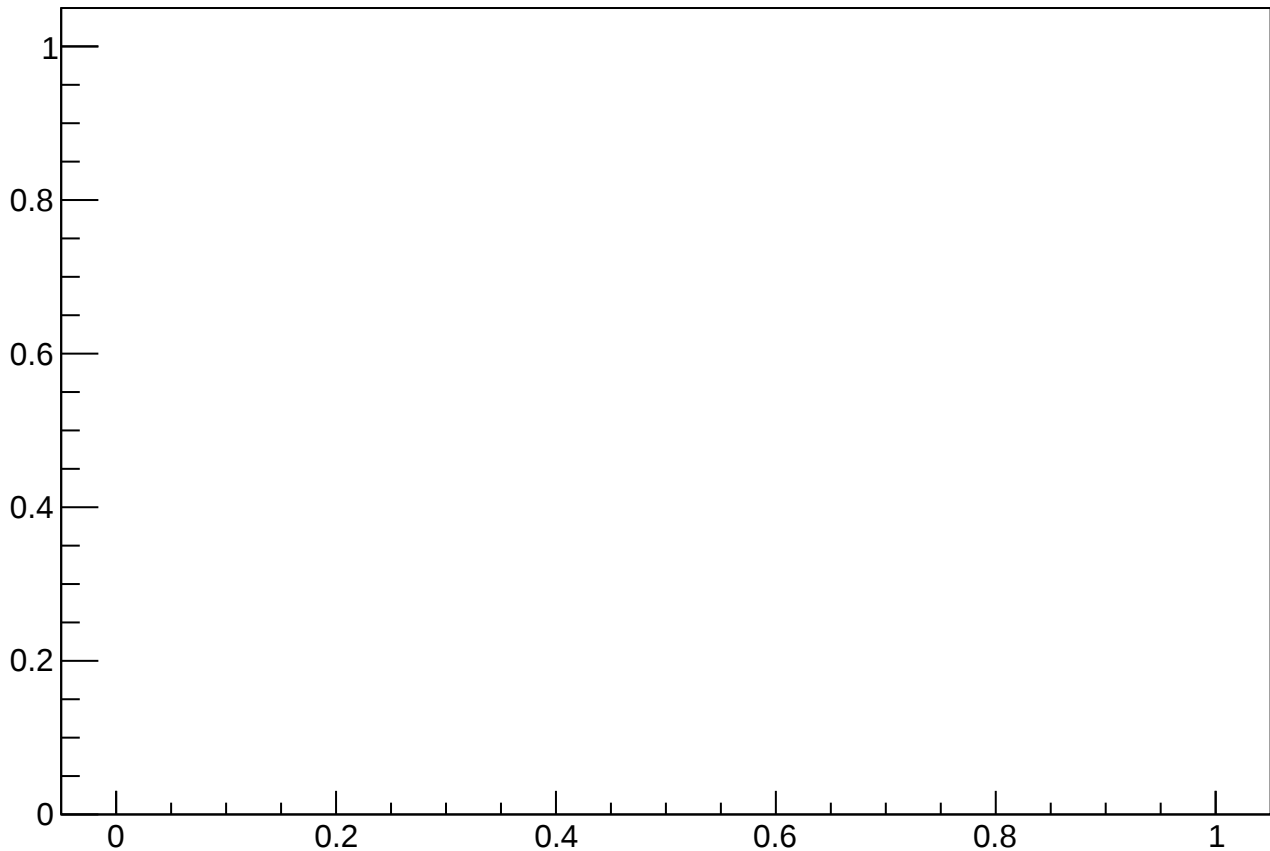
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

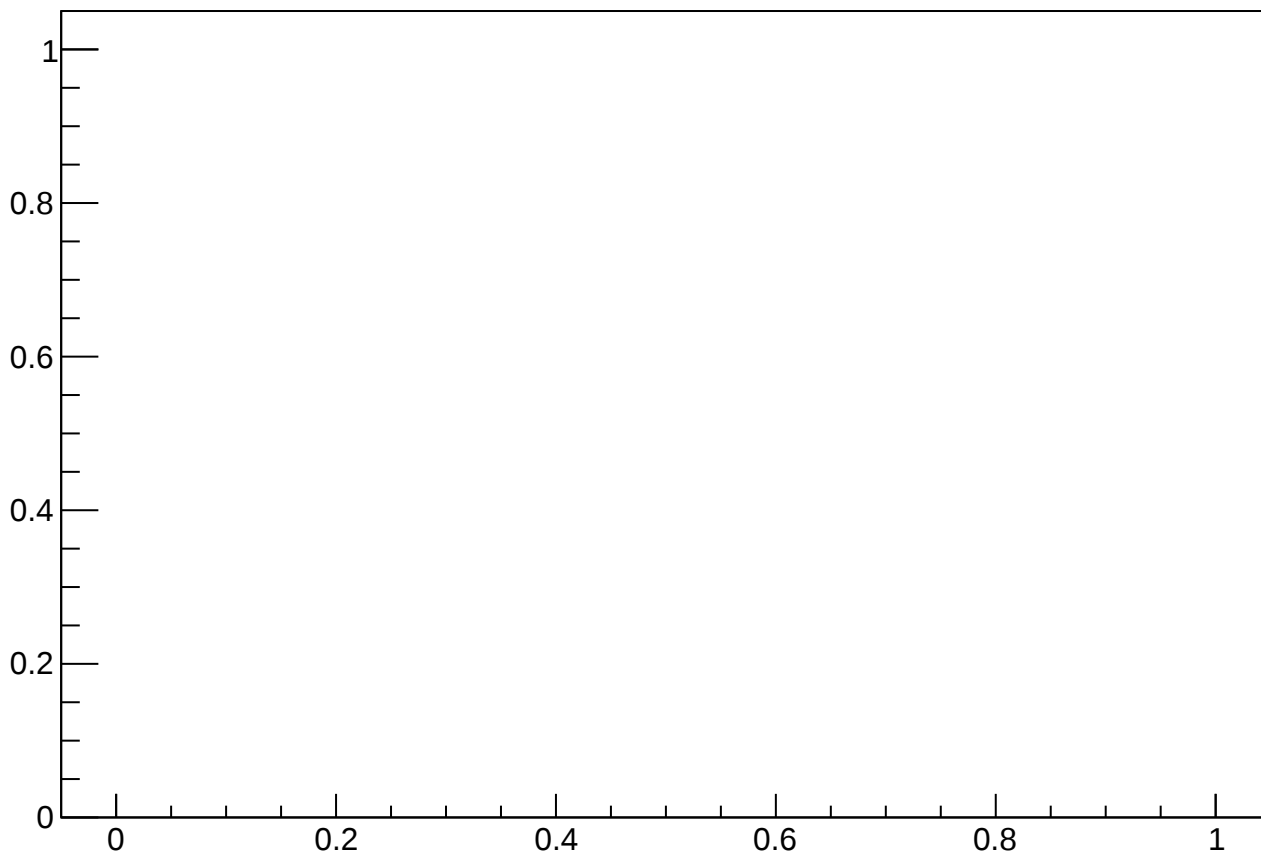
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

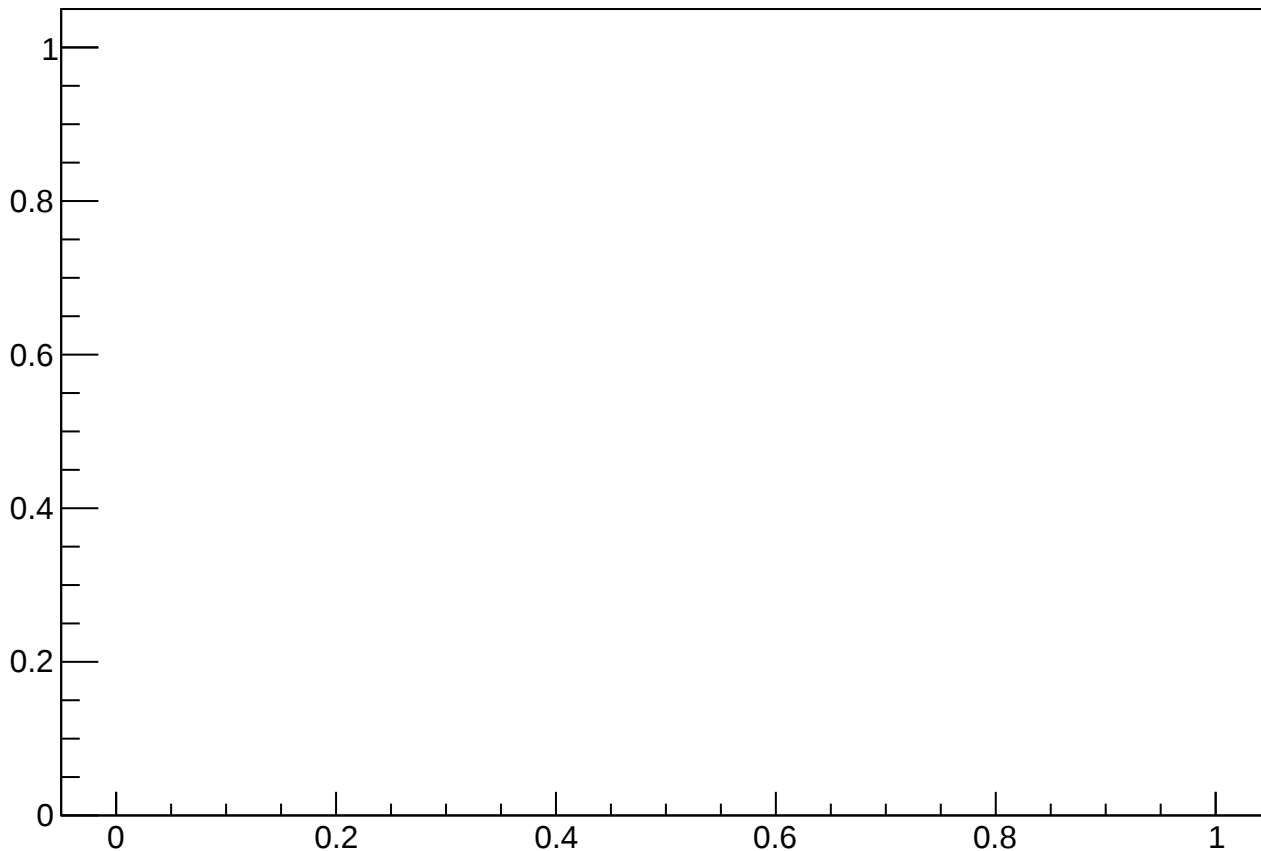
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

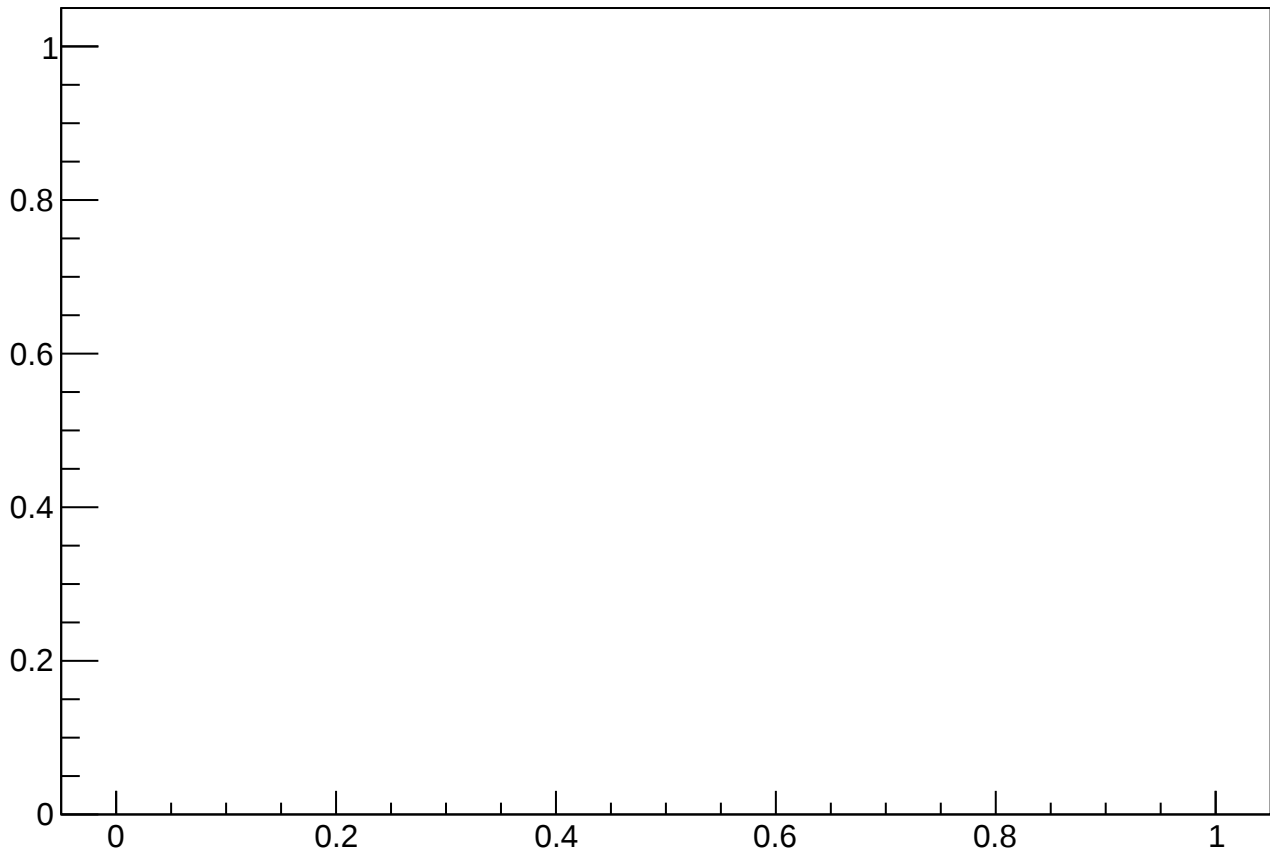
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

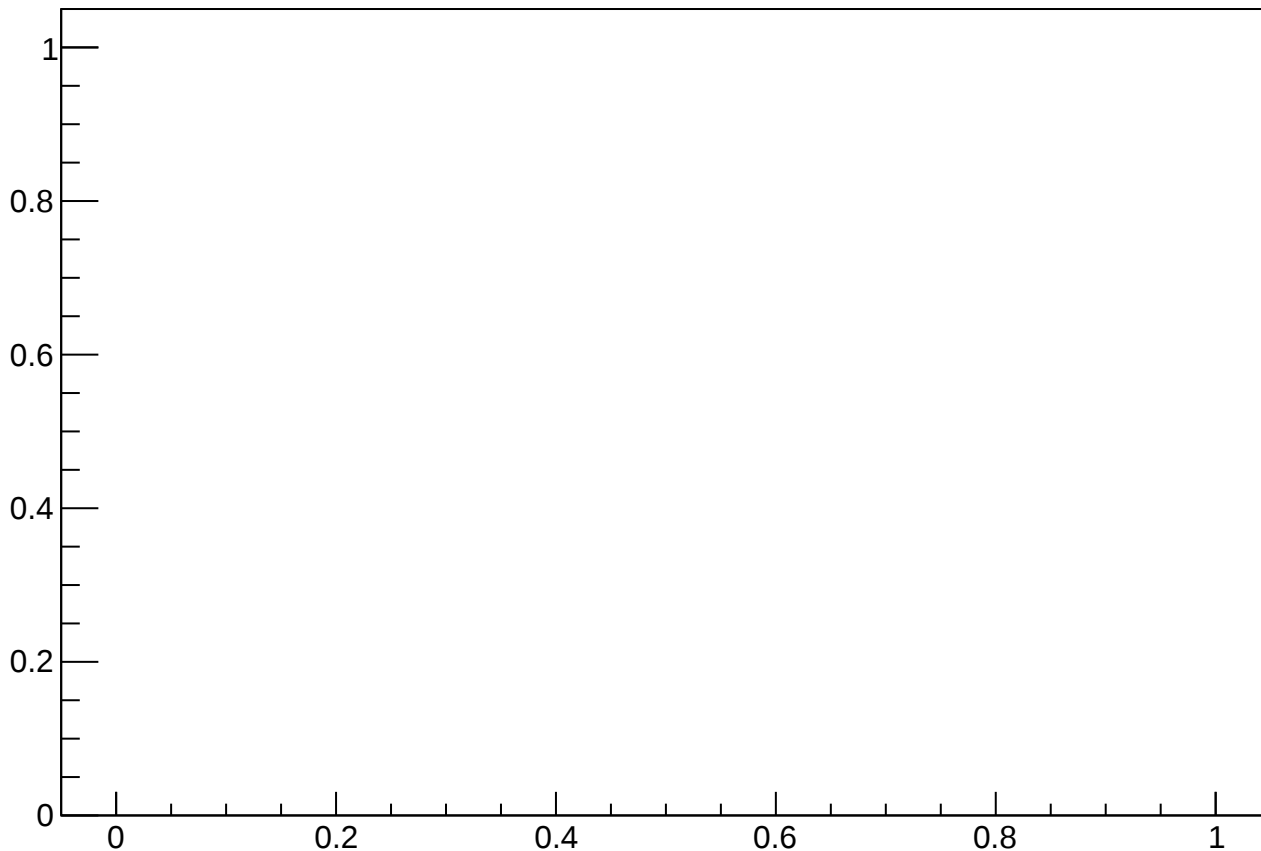
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

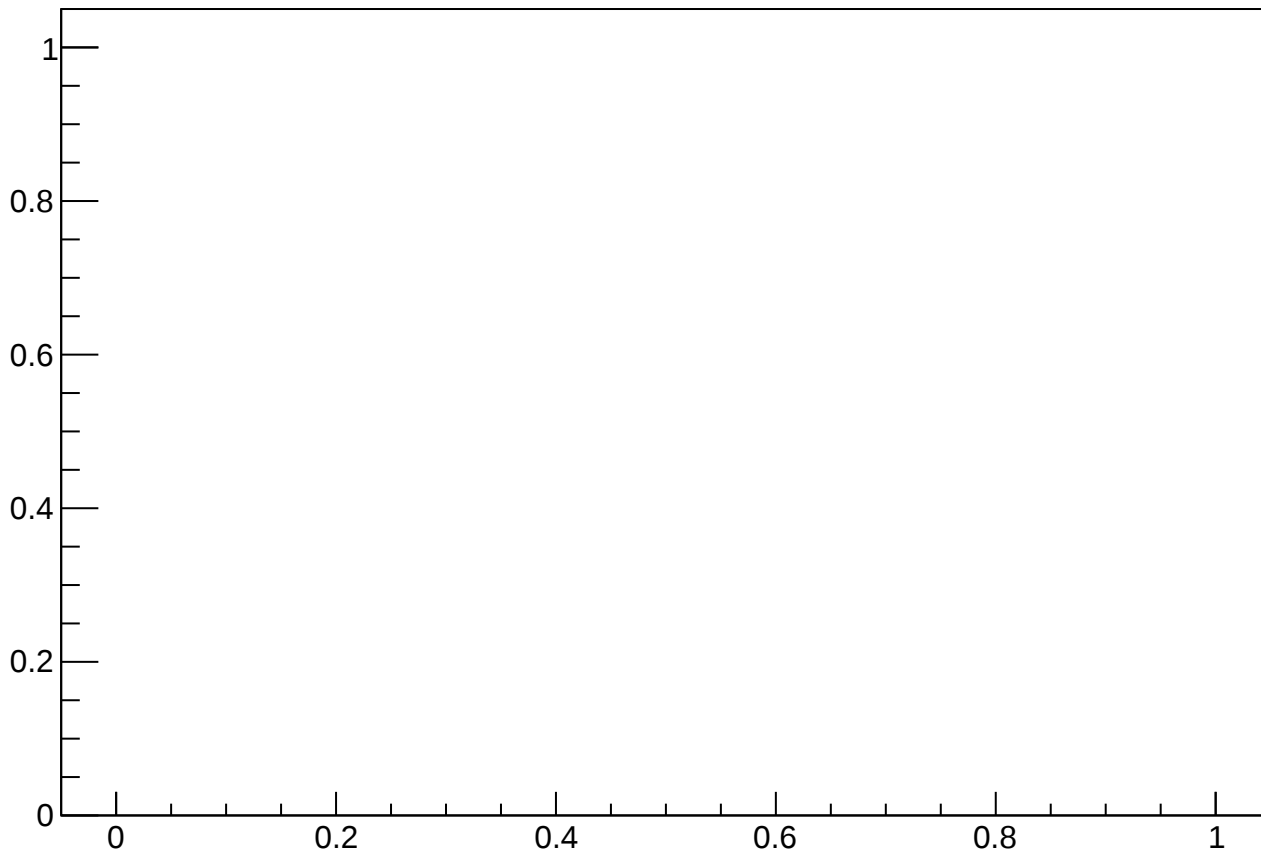
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

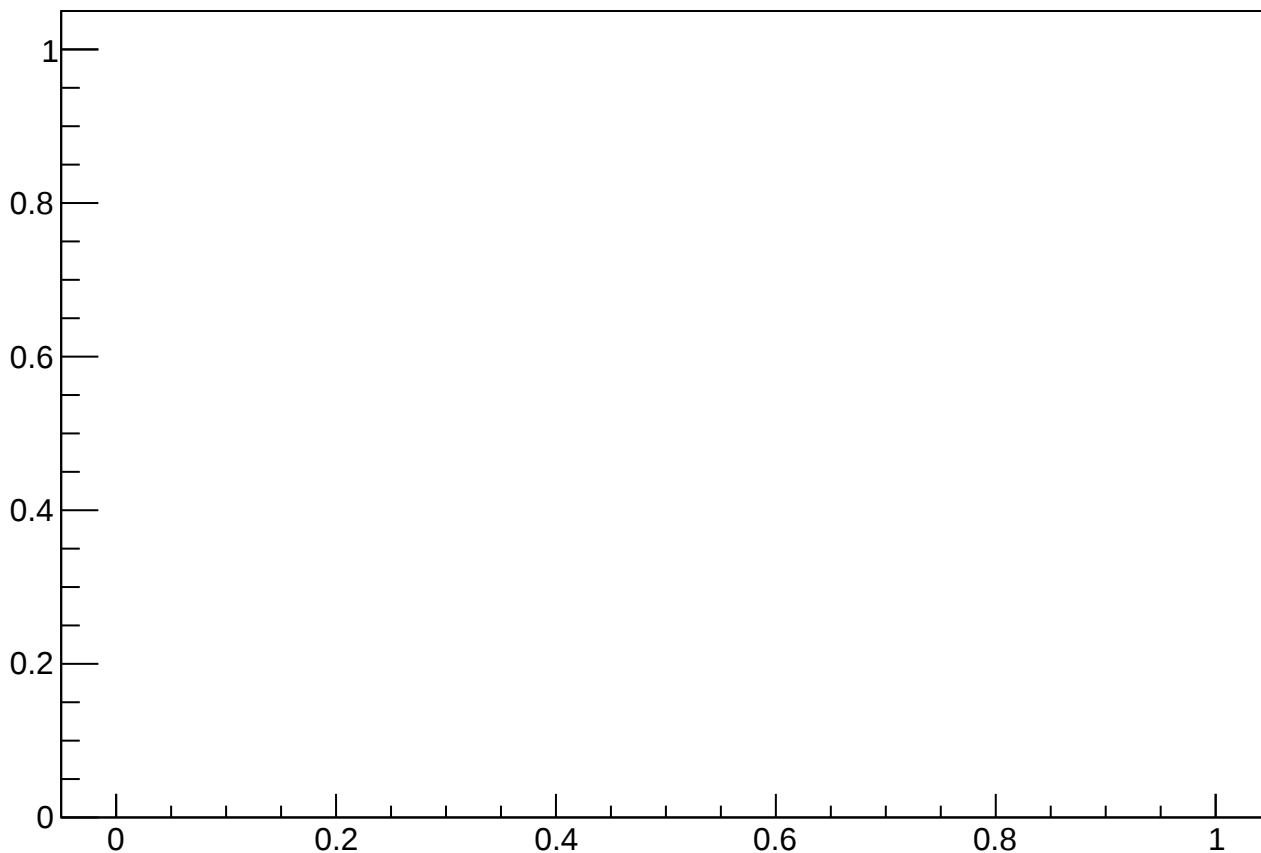
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

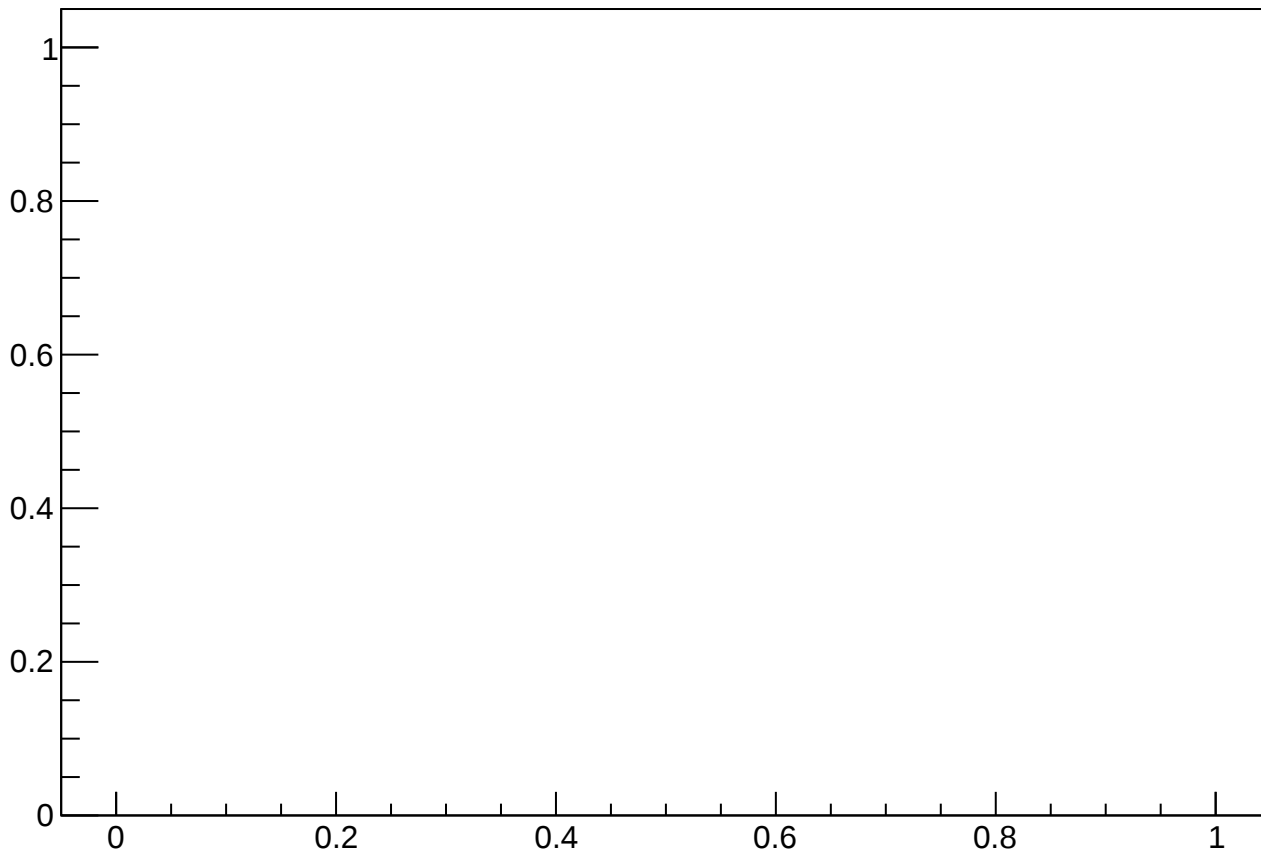
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

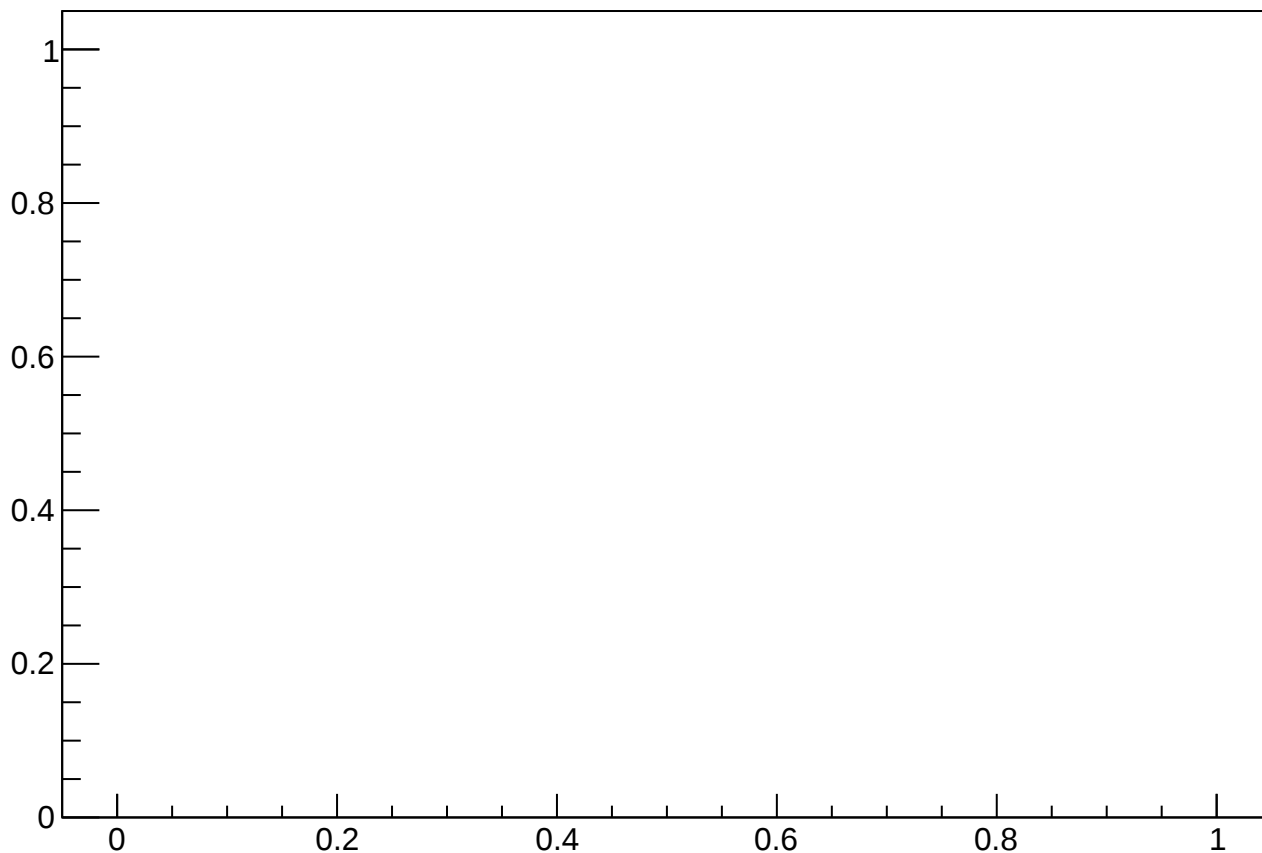
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

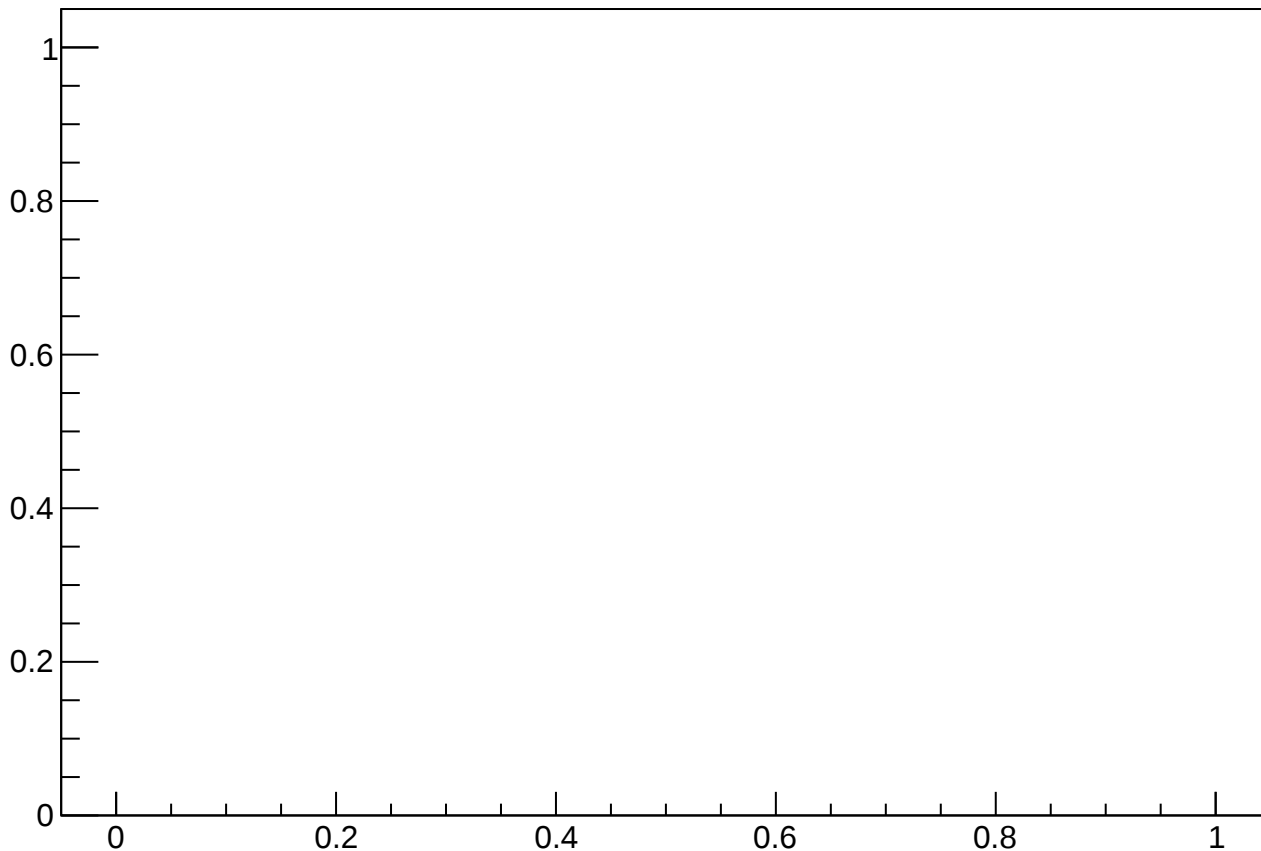
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

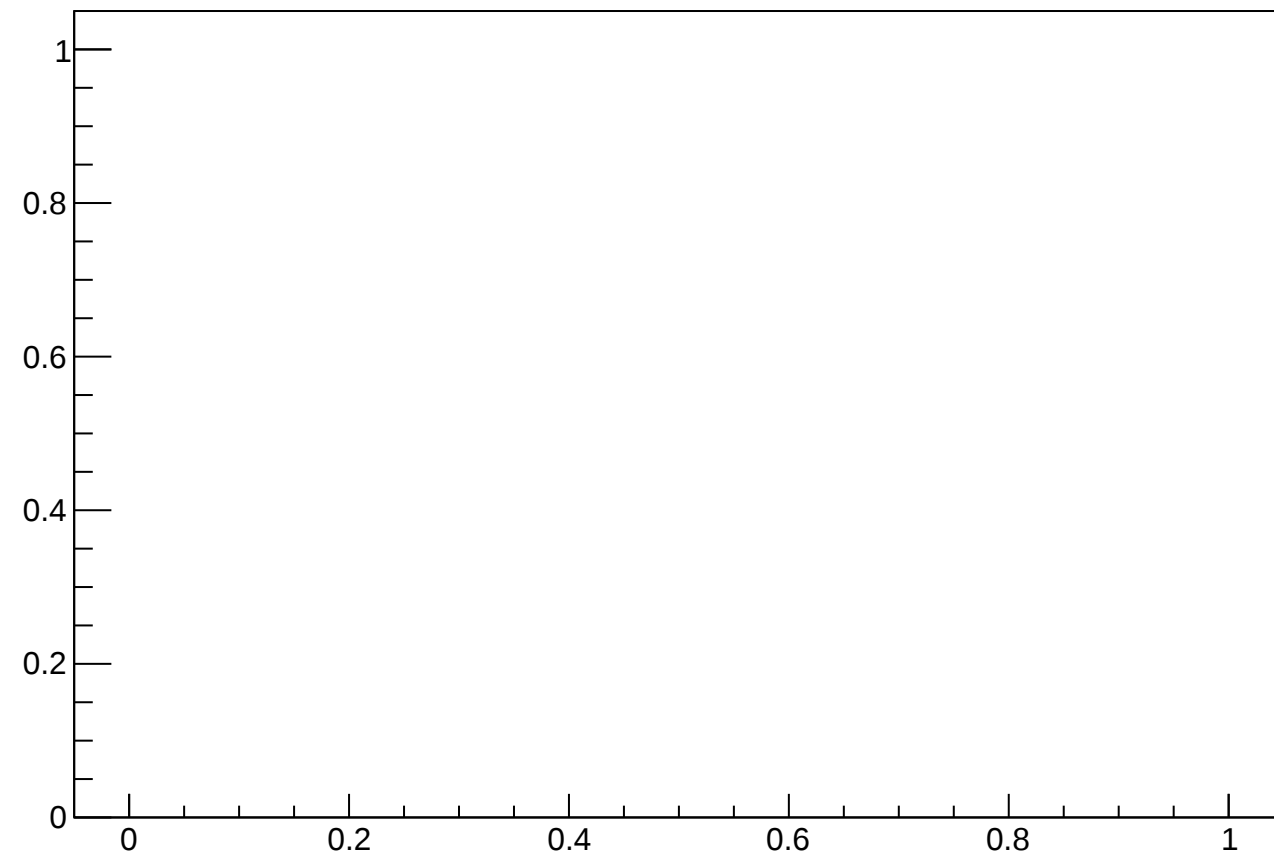
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_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 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

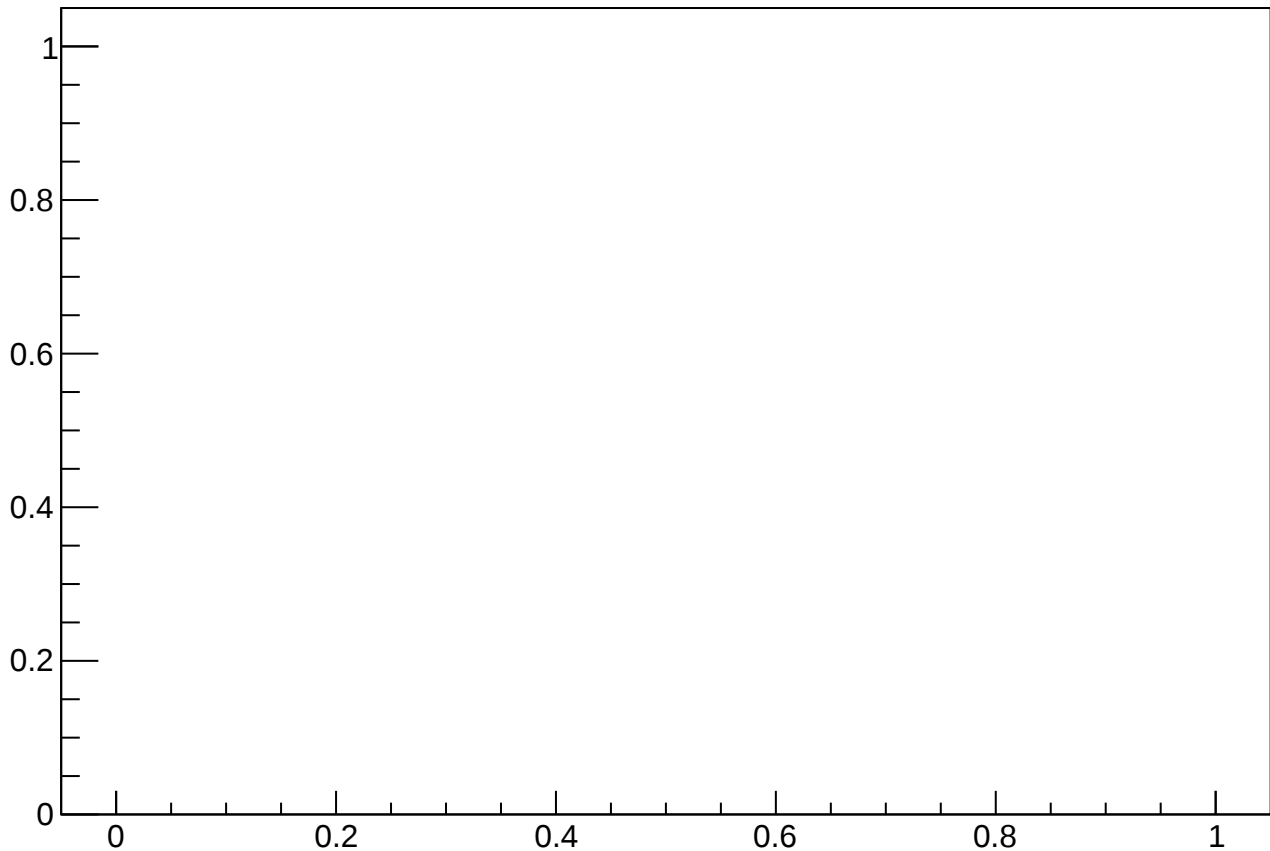
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

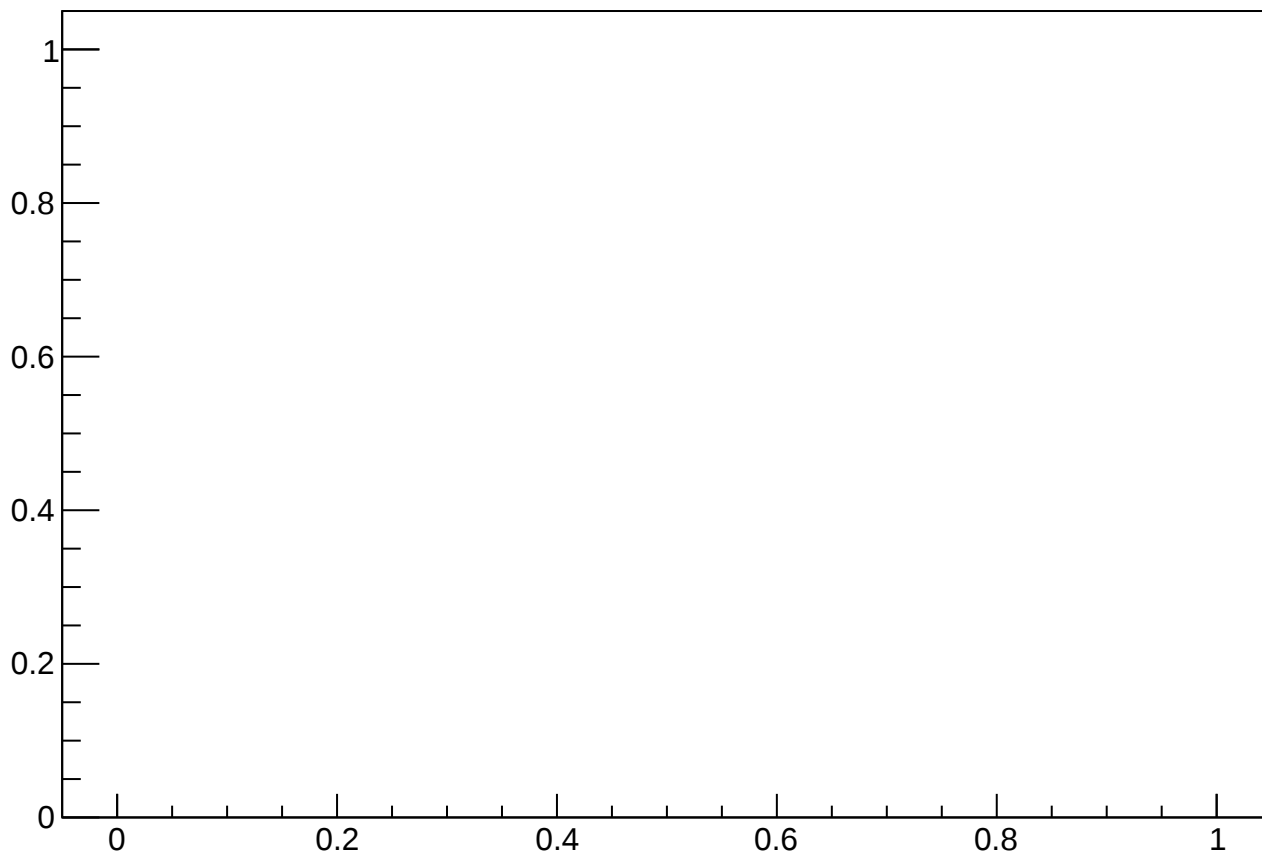
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

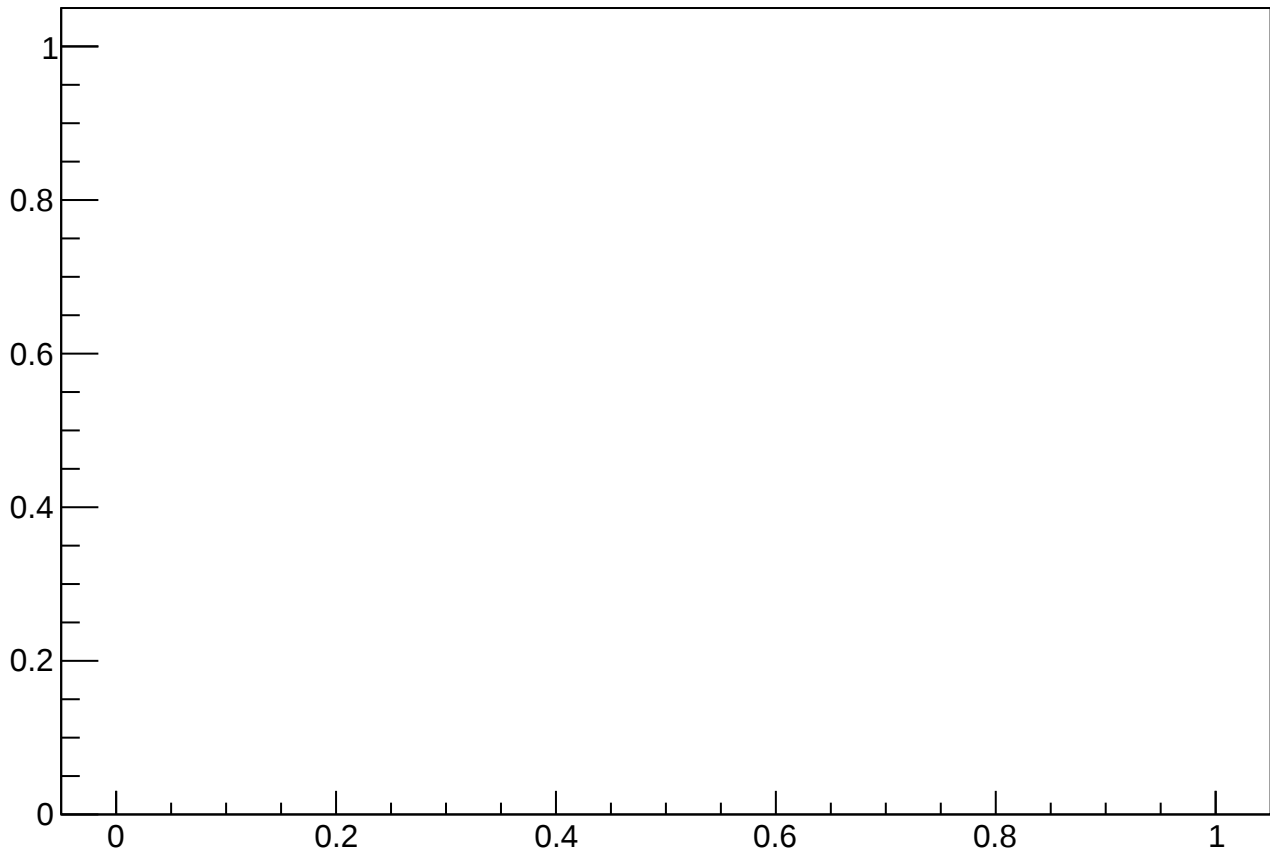
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

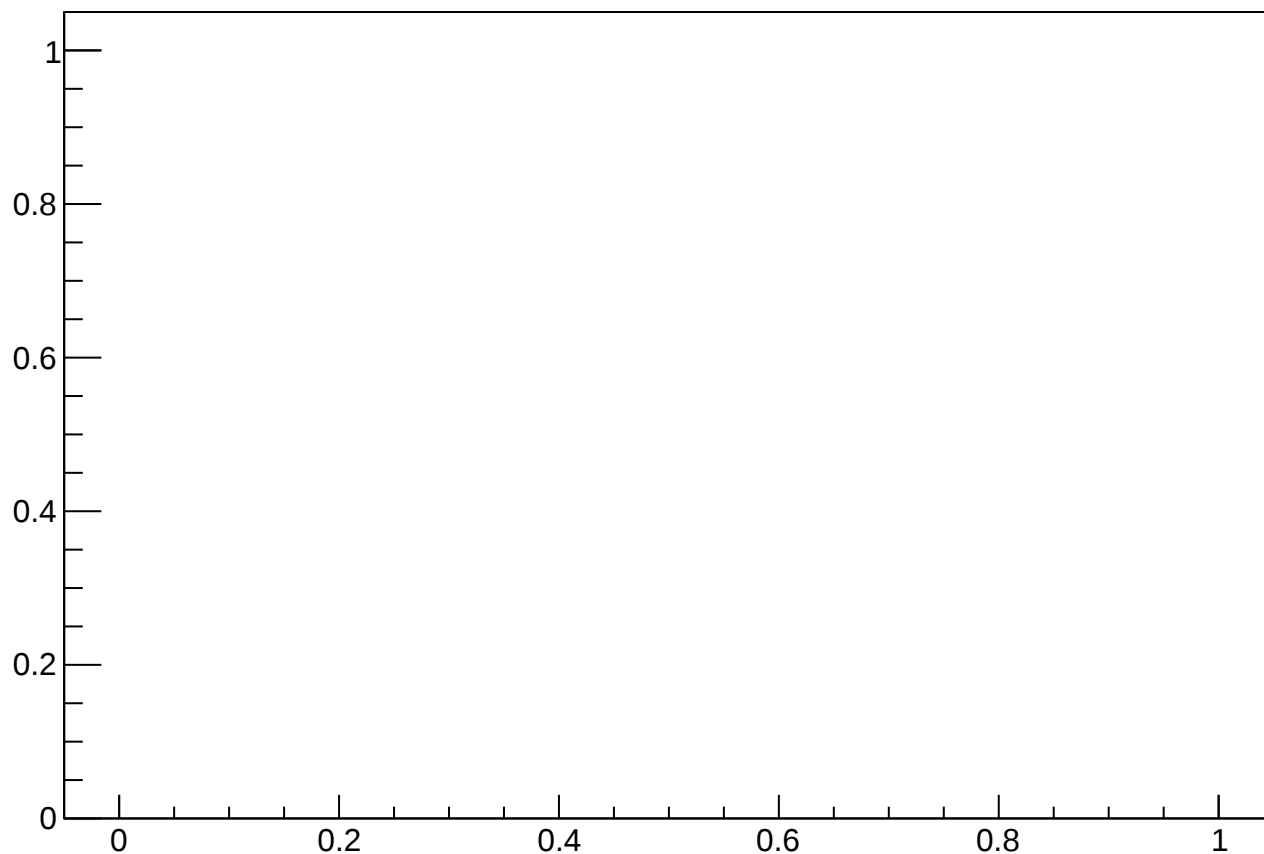
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

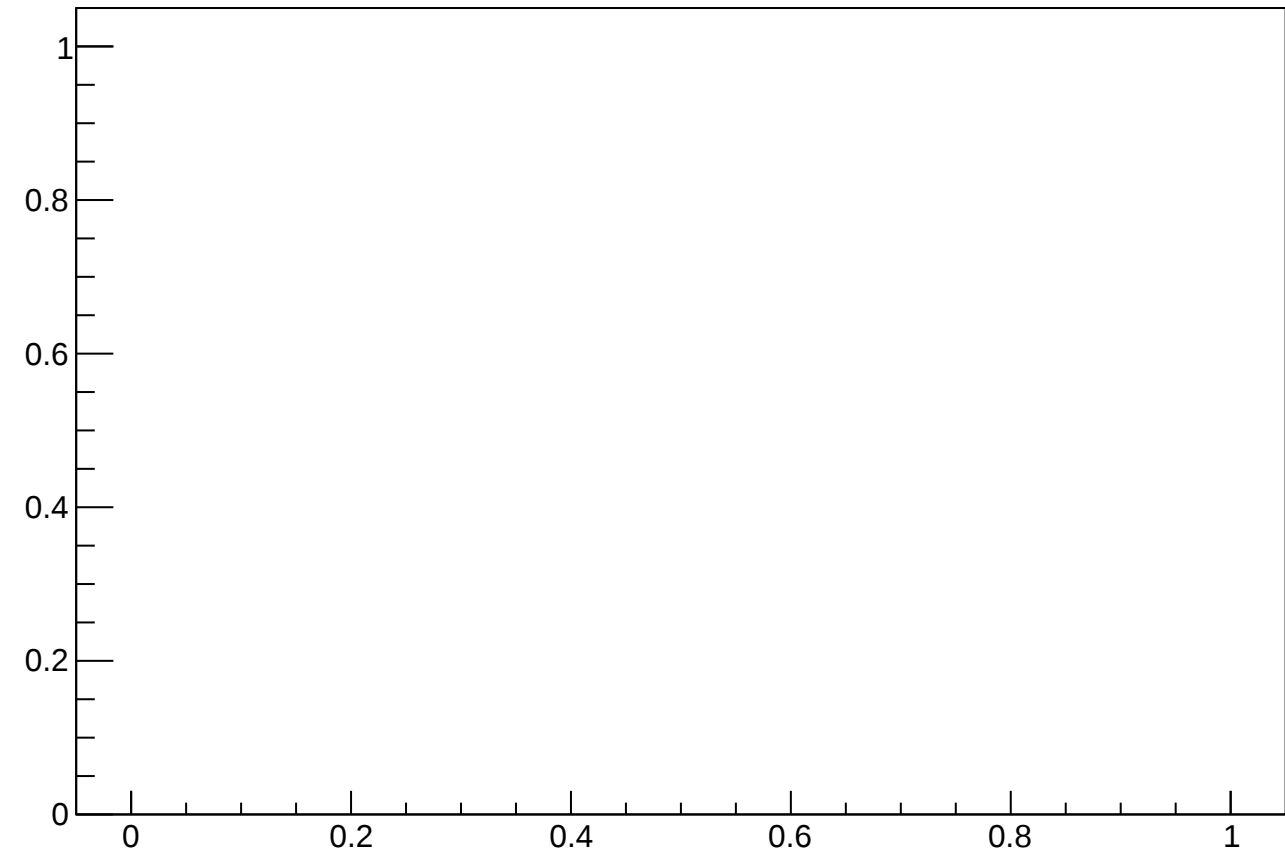
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

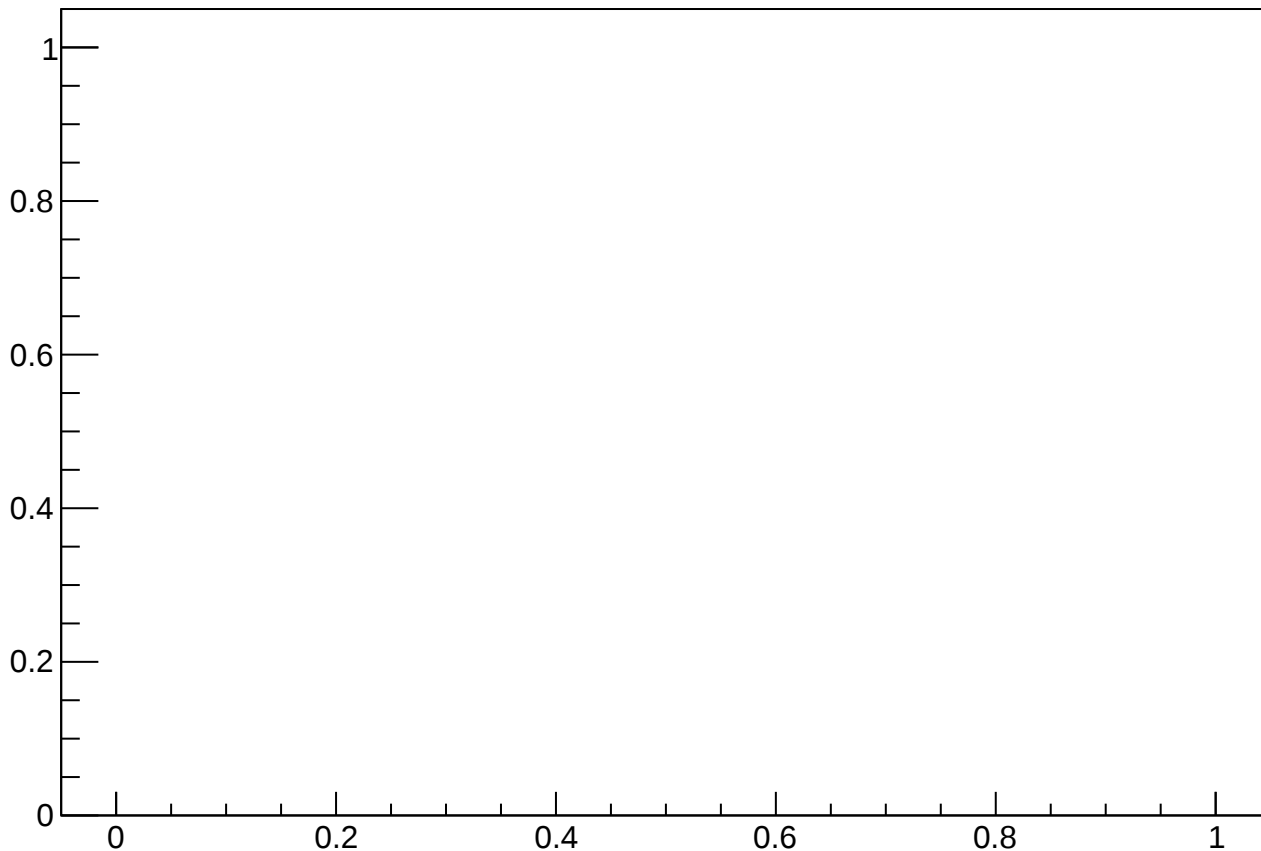
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

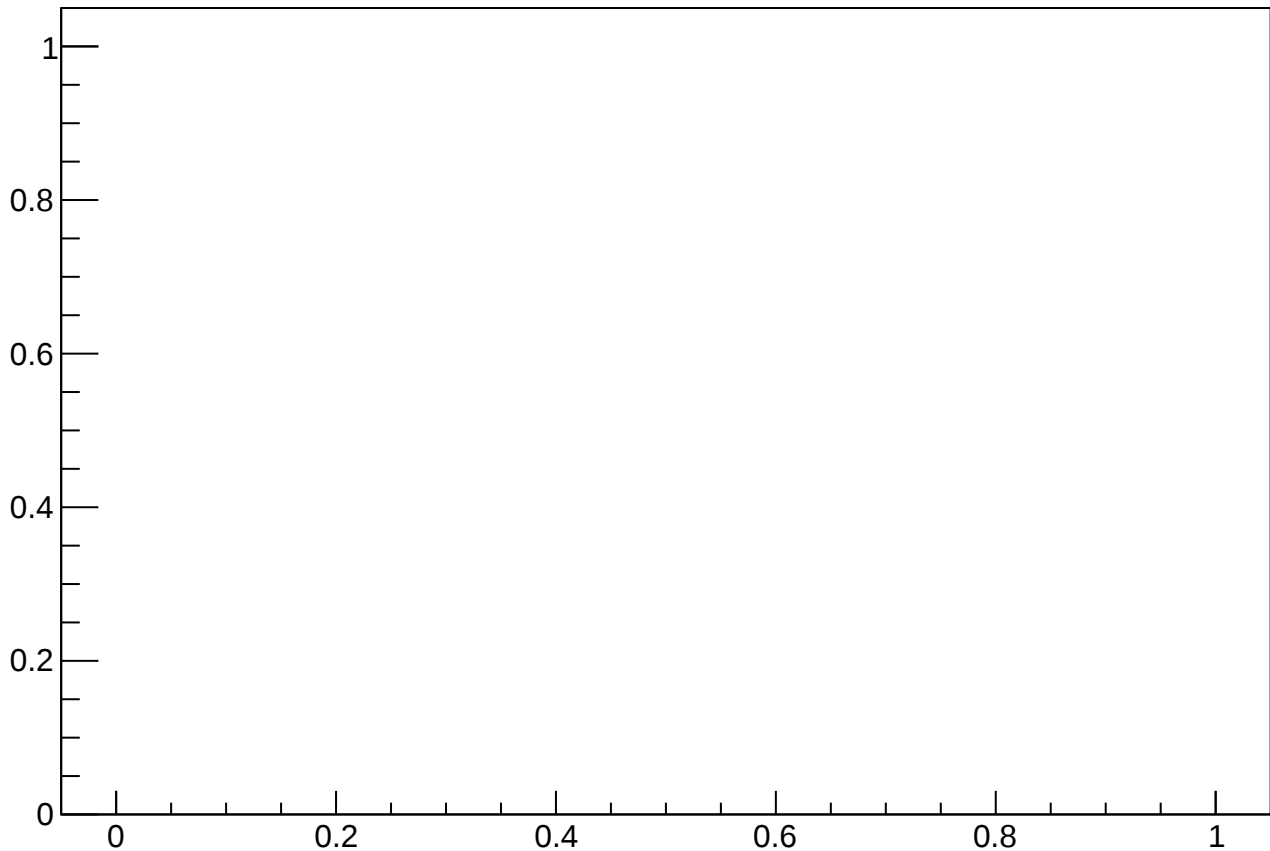
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

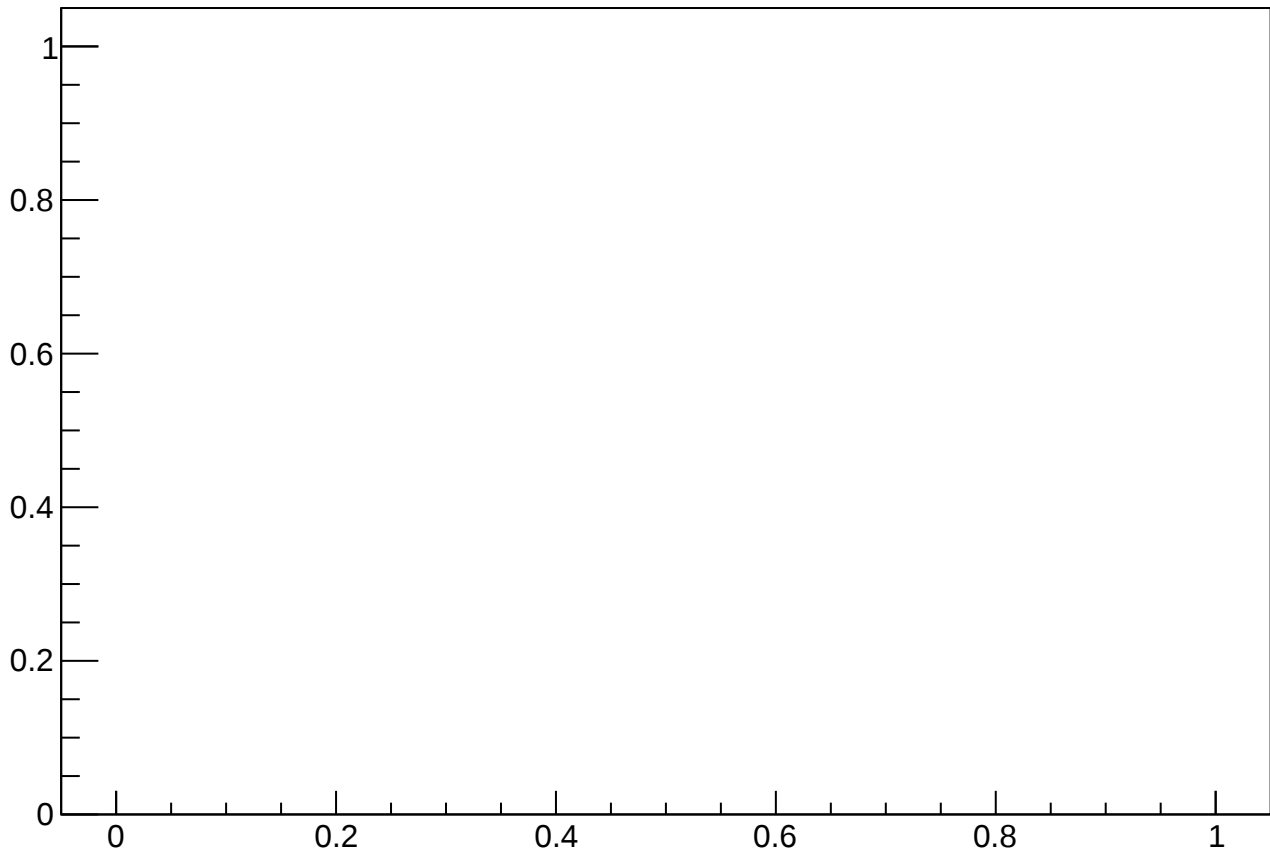
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

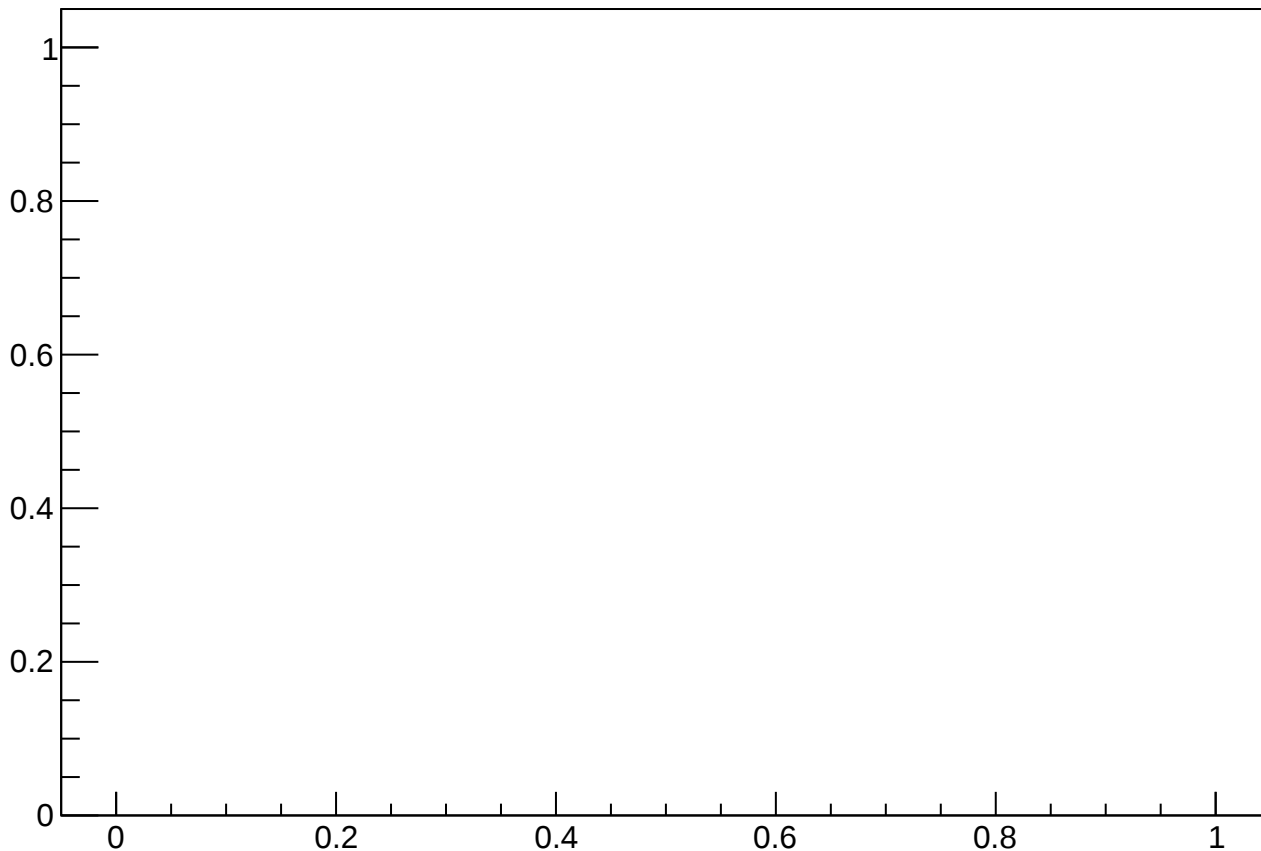
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

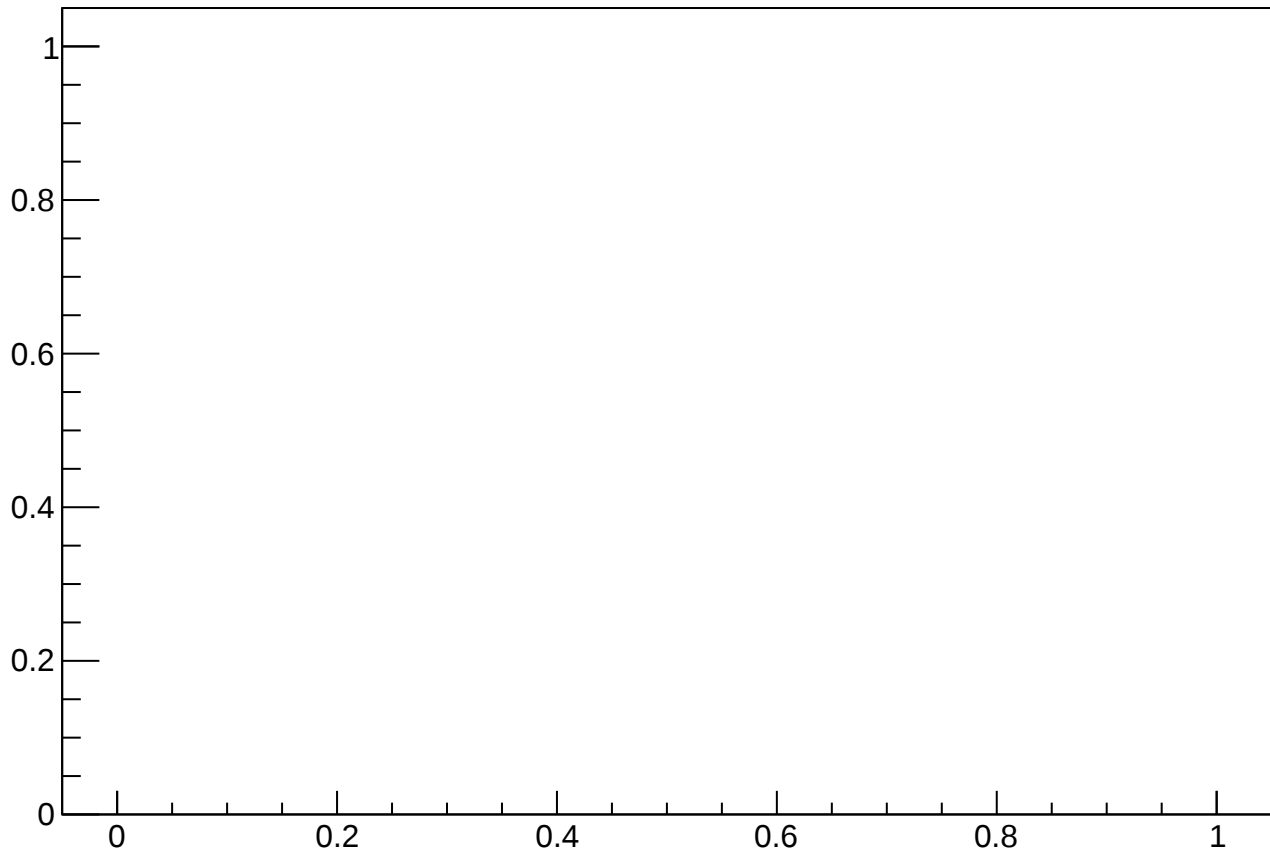
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

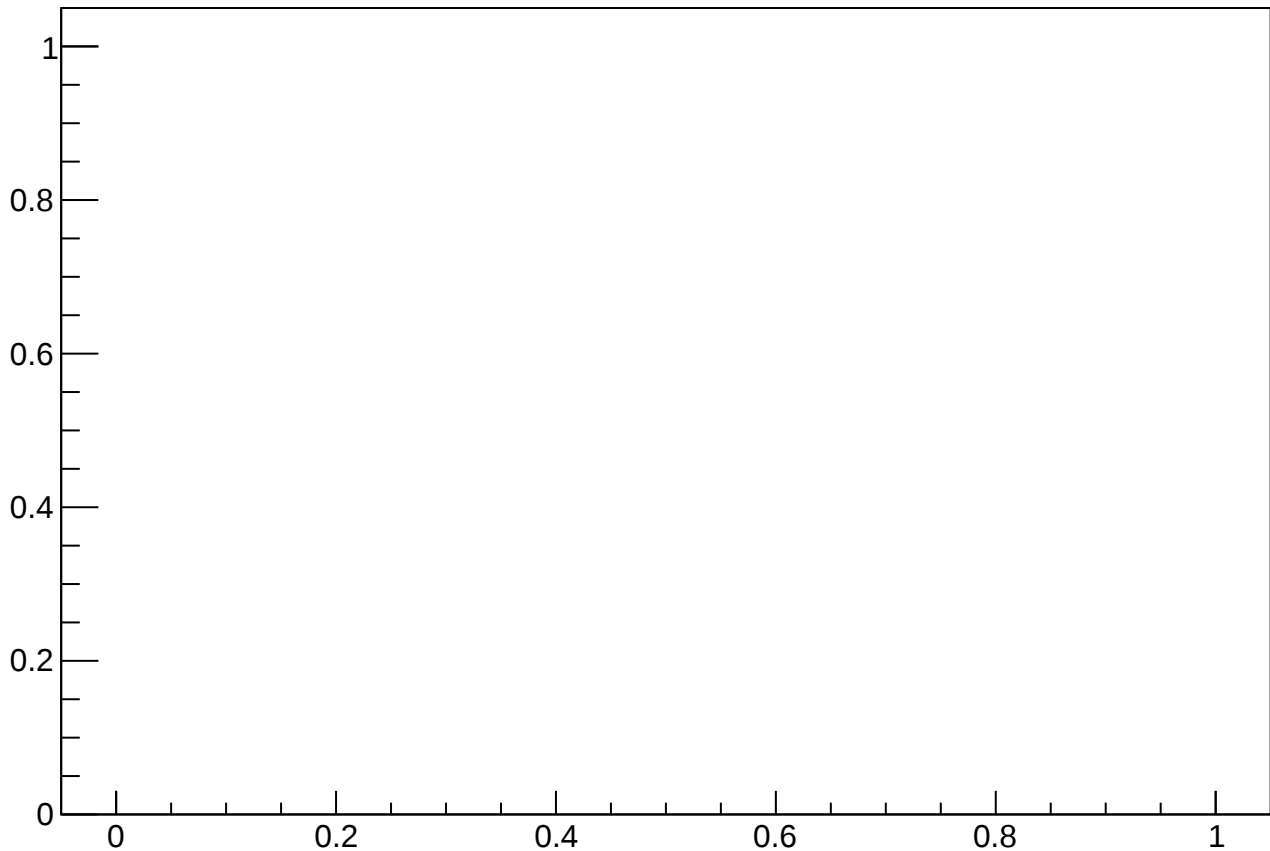
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

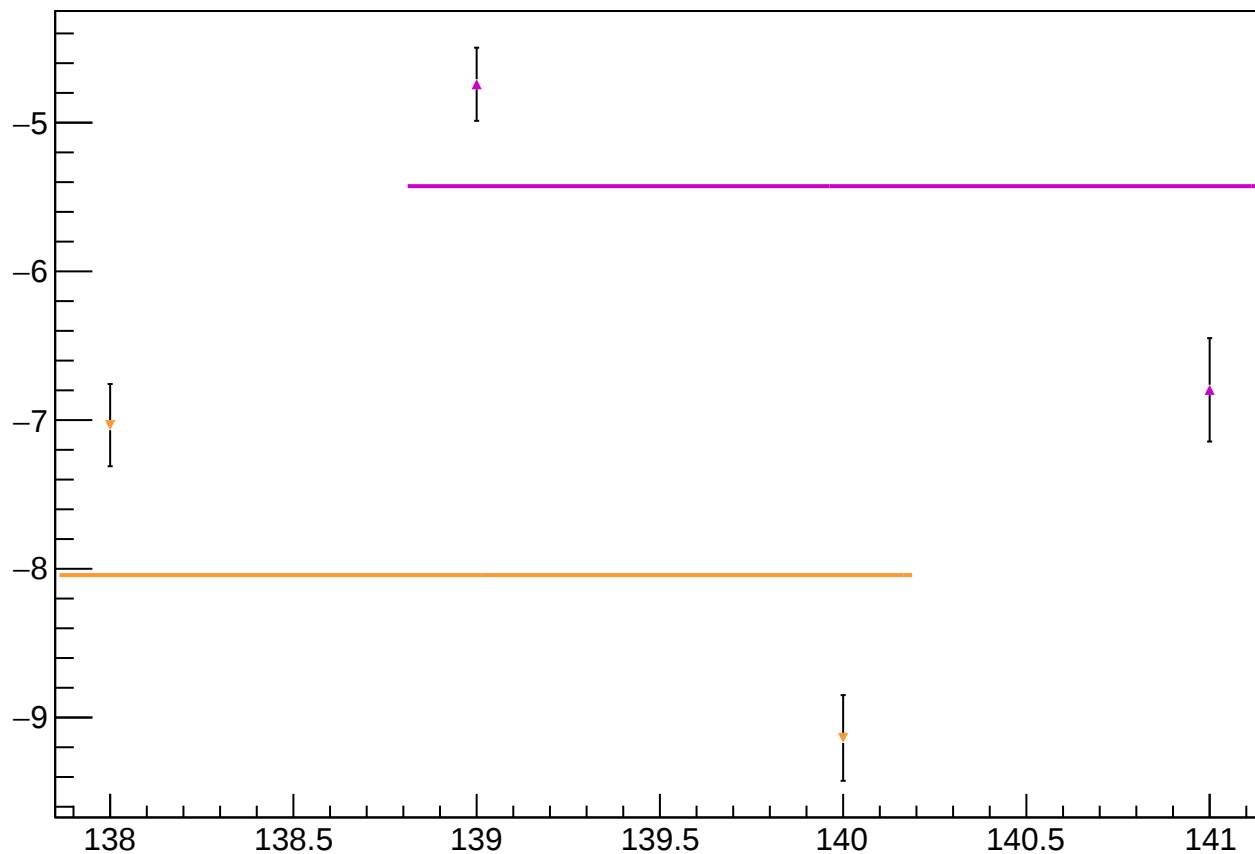
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -8.042 $\pm$ 0.199 χ^2 /NDF:27.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.427 $\pm$ 0.201 χ^2 /NDF:23.3/1

Left: -6.743 $\pm$ 0.142 χ^2 /NDF: 136.4/3

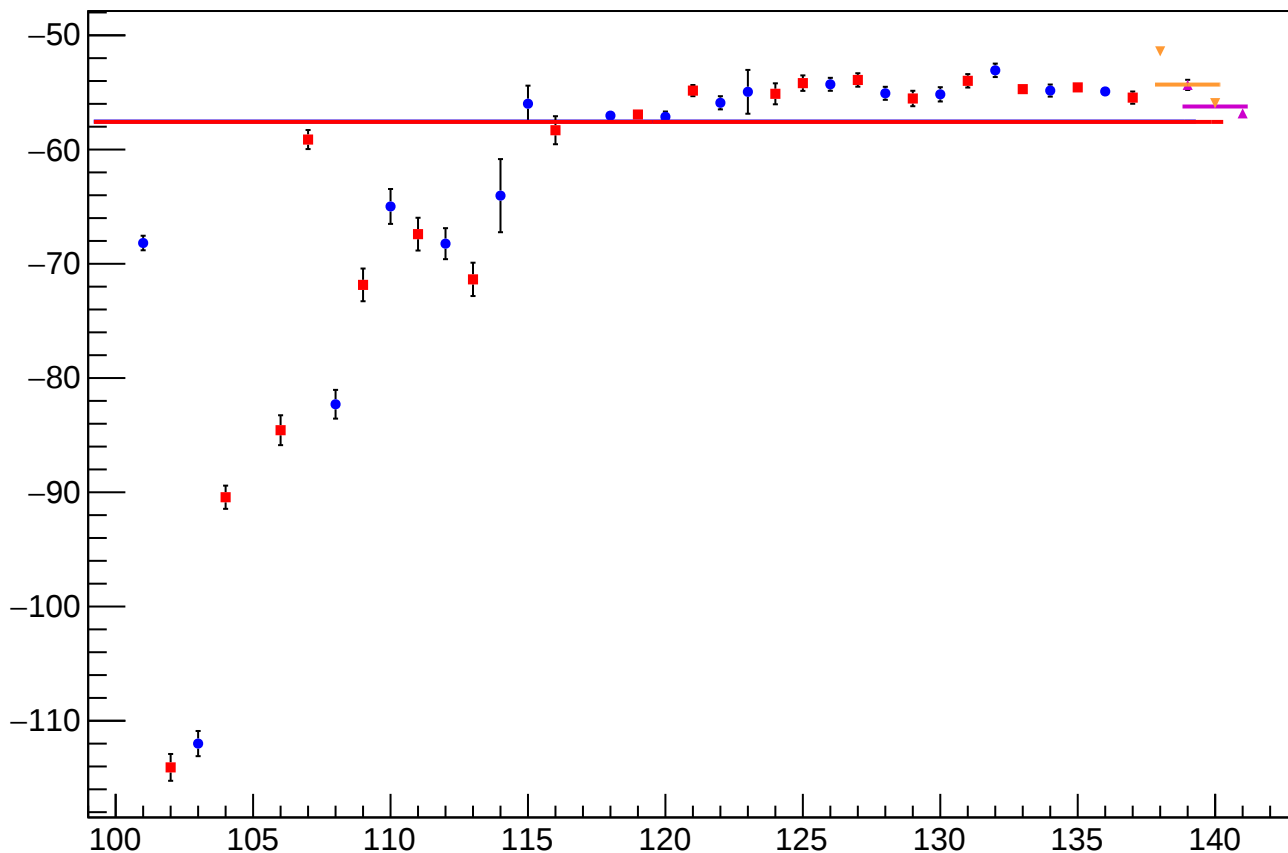
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.427 $\pm$ 0.201 χ^2 /NDF:23.3/1

Out: -8.042 $\pm$ 0.199 χ^2 /NDF:27.8/1

All: -6.743 $\pm$ 0.142 χ^2 /NDF: 136.4/3

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.312 ± 0.193 χ^2/NDF : 126.9/1

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -56.232 ± 0.219 χ^2/NDF : 23.8/1

Left: -55.153 ± 0.145 χ^2/NDF : 194.1/3

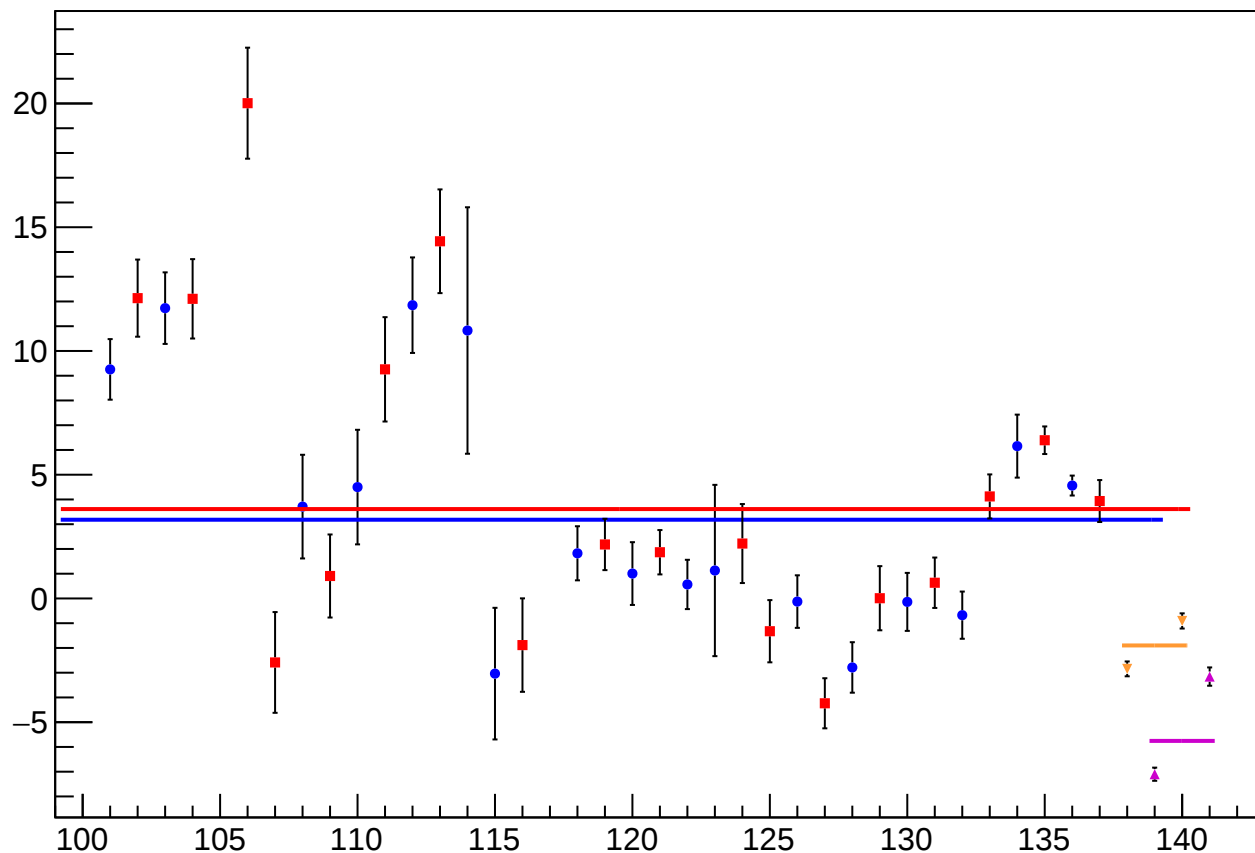
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -57.160 ± 0.119 χ^2/NDF : 3509.8/18

Out: -56.423 ± 0.115 χ^2/NDF : 4656.0/19

All: -56.779 ± 0.083 χ^2/NDF : 8185.7/38

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -1.899 ± 0.215 χ^2/NDF : 20.3/1

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -5.756 ± 0.216 χ^2/NDF : 75.0/1

Left: -3.815 ± 0.152 χ^2/NDF : 255.7/3

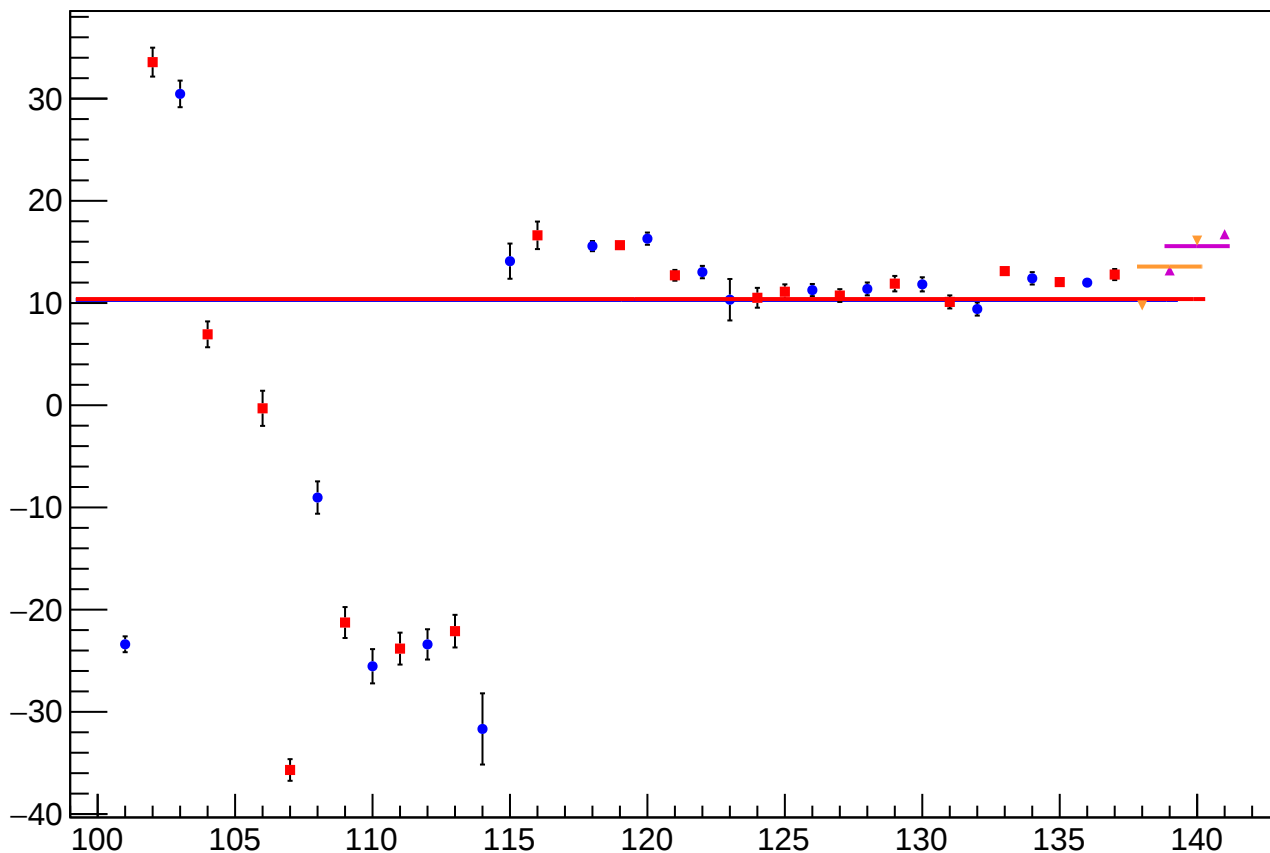
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -2.072 ± 0.166 χ^2/NDF : 965.6/18

Out: 0.256 ± 0.167 χ^2/NDF : 567.3/19

All: -0.921 ± 0.118 χ^2/NDF : 1630.5/38

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.569+/-0.224 χ^2/NDF :192.8/1

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.566+/-0.246 χ^2/NDF :45.8/1

Left: 14.474+/-0.165 χ^2/NDF : 274.7/3

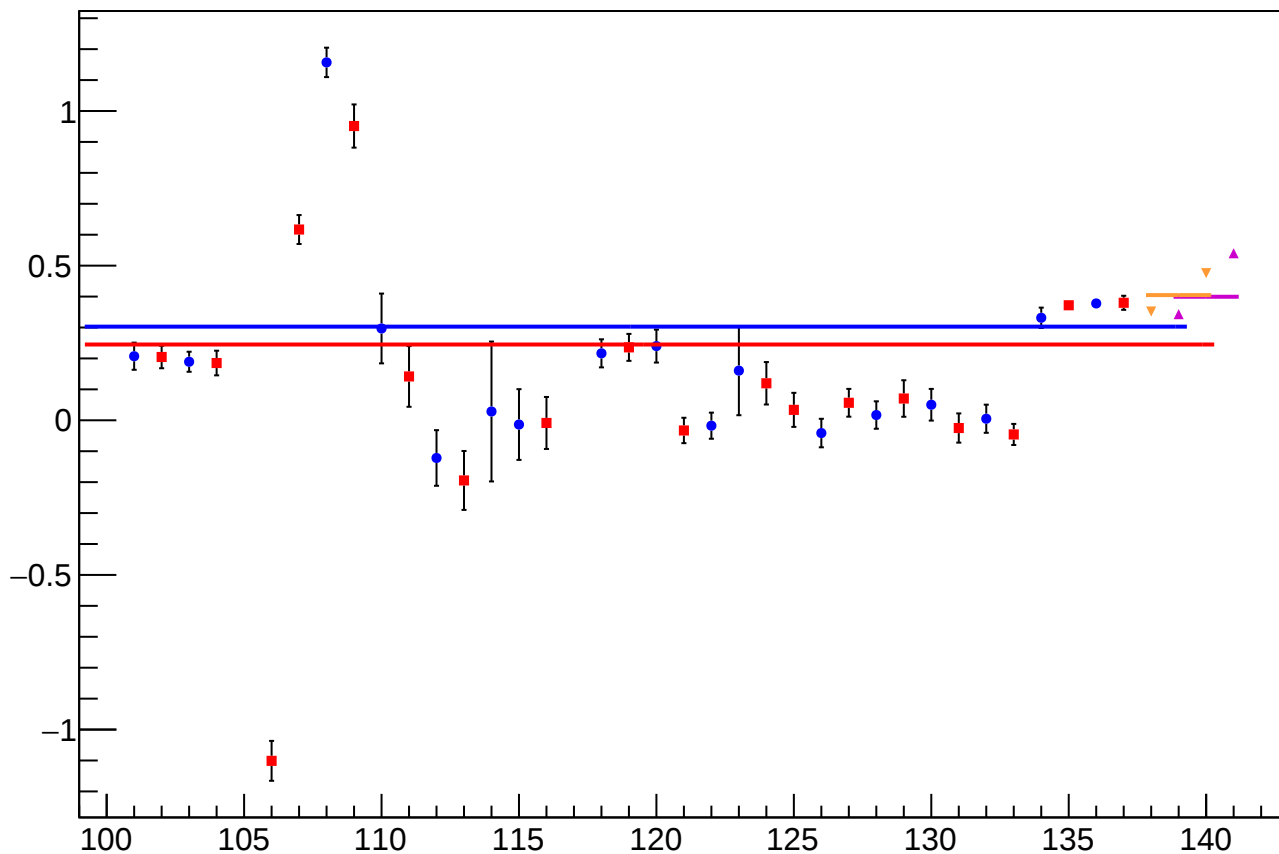
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.826+/-0.132 χ^2/NDF :4071.1/18

Out: 11.463+/-0.130 χ^2/NDF :4113.0/19

All: 11.642+/-0.093 χ^2/NDF : 8187.9/38

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: 0.405 $\pm$ 0.009 χ^2 /NDF:49.7/1

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.399 $\pm$ 0.008 χ^2 /NDF:125.3/1

Left: 0.402 $\pm$ 0.006 χ^2 /NDF: 175.2/3

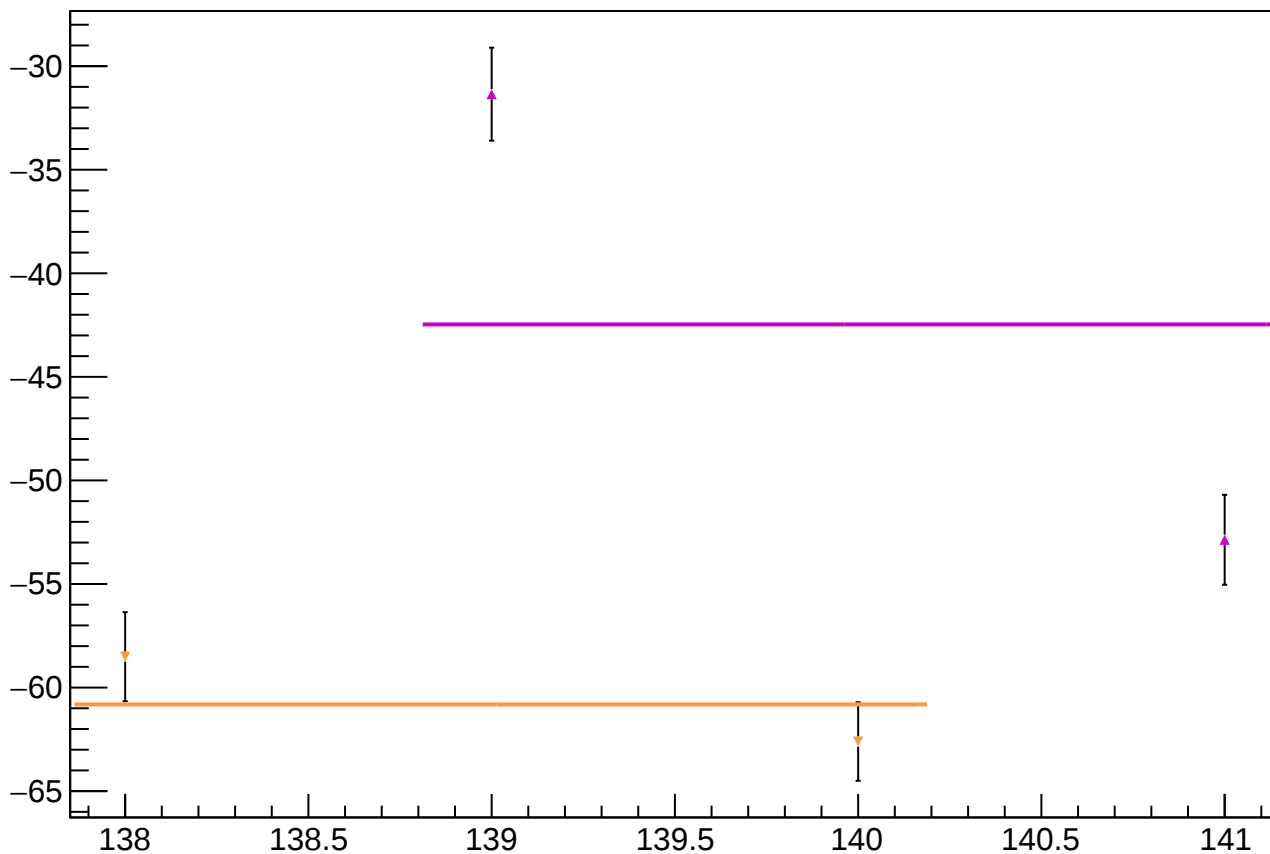
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.353 $\pm$ 0.006 χ^2 /NDF:844.1/18

Out: 0.323 $\pm$ 0.006 χ^2 /NDF:1176.2/19

All: 0.339 $\pm$ 0.004 χ^2 /NDF: 2032.8/38

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.469+/-1.560 χ^2/NDF : 47.5/1

Left: -52.494+/-1.051 χ^2/NDF : 125.1/3

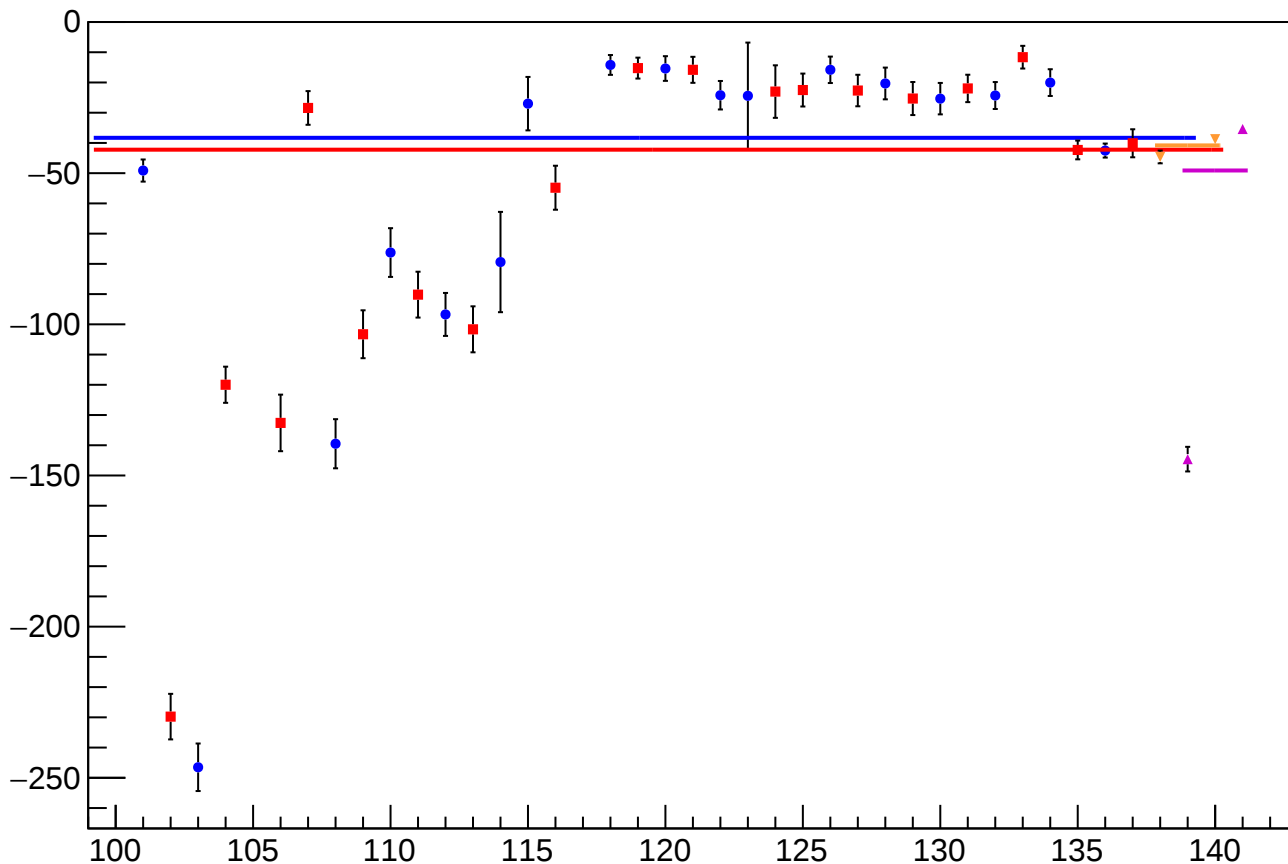
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.469+/-1.560 χ^2/NDF : 47.5/1

Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

All: -52.494+/-1.051 χ^2/NDF : 125.1/3

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 χ^2/NDF : 1132.8/16

Left Out: -40.816 ± 1.247 χ^2/NDF : 5.1/1

Right Out: -42.231 ± 1.210 χ^2/NDF : 1278.1/17

Left In: -49.110 ± 1.443 χ^2/NDF : 629.1/1

Left: -44.362 ± 0.944 χ^2/NDF : 653.1/3

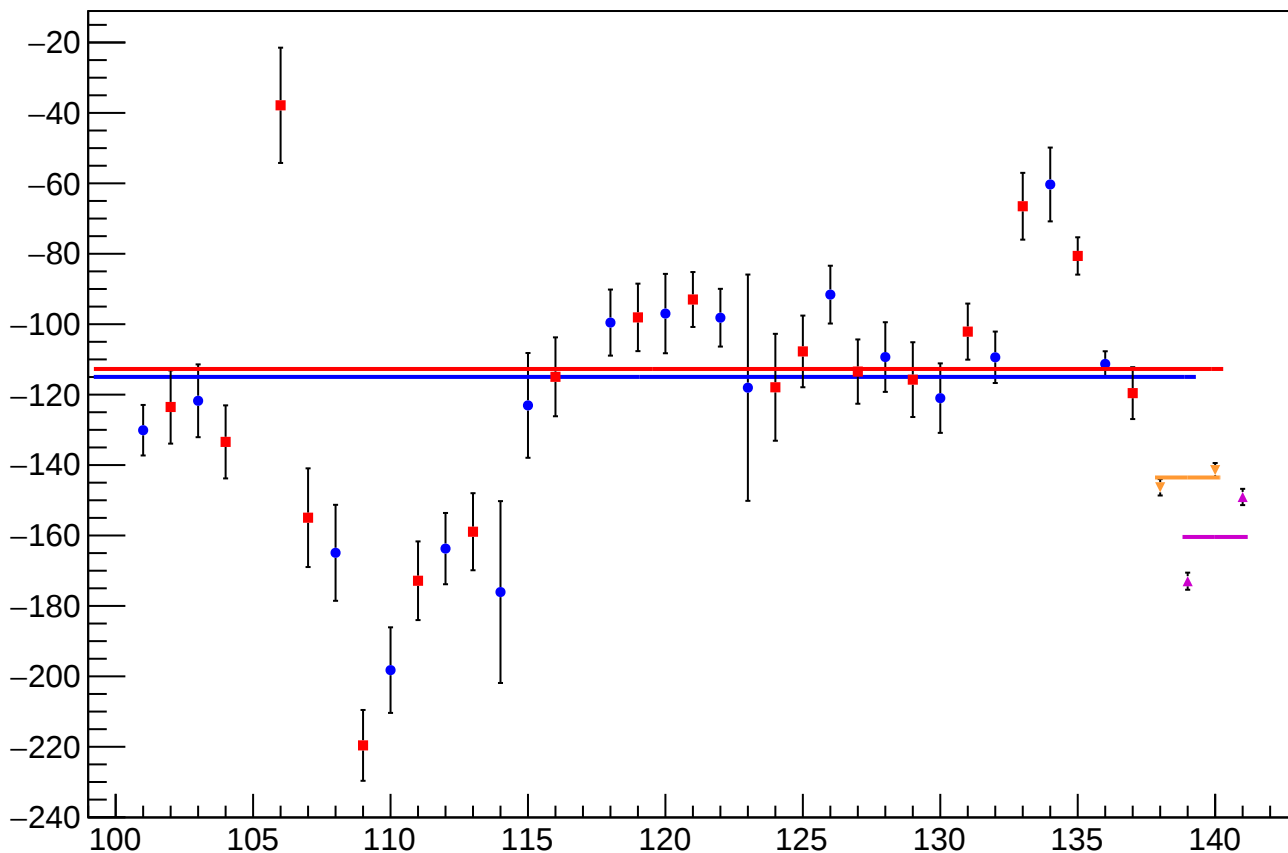
Right: -40.148 ± 0.829 χ^2/NDF : 2416.5/34

In: -42.447 ± 0.894 χ^2/NDF : 1796.4/18

Out: -41.545 ± 0.868 χ^2/NDF : 1283.9/19

All: -41.983 ± 0.623 χ^2/NDF : 3080.8/38

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: -143.529 ± 1.525 $\chi^2/\text{NDF}: 2.5/1$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -160.415 ± 1.673 $\chi^2/\text{NDF}: 51.0/1$

Left: -151.194 ± 1.127 $\chi^2/\text{NDF}: 109.1/3$

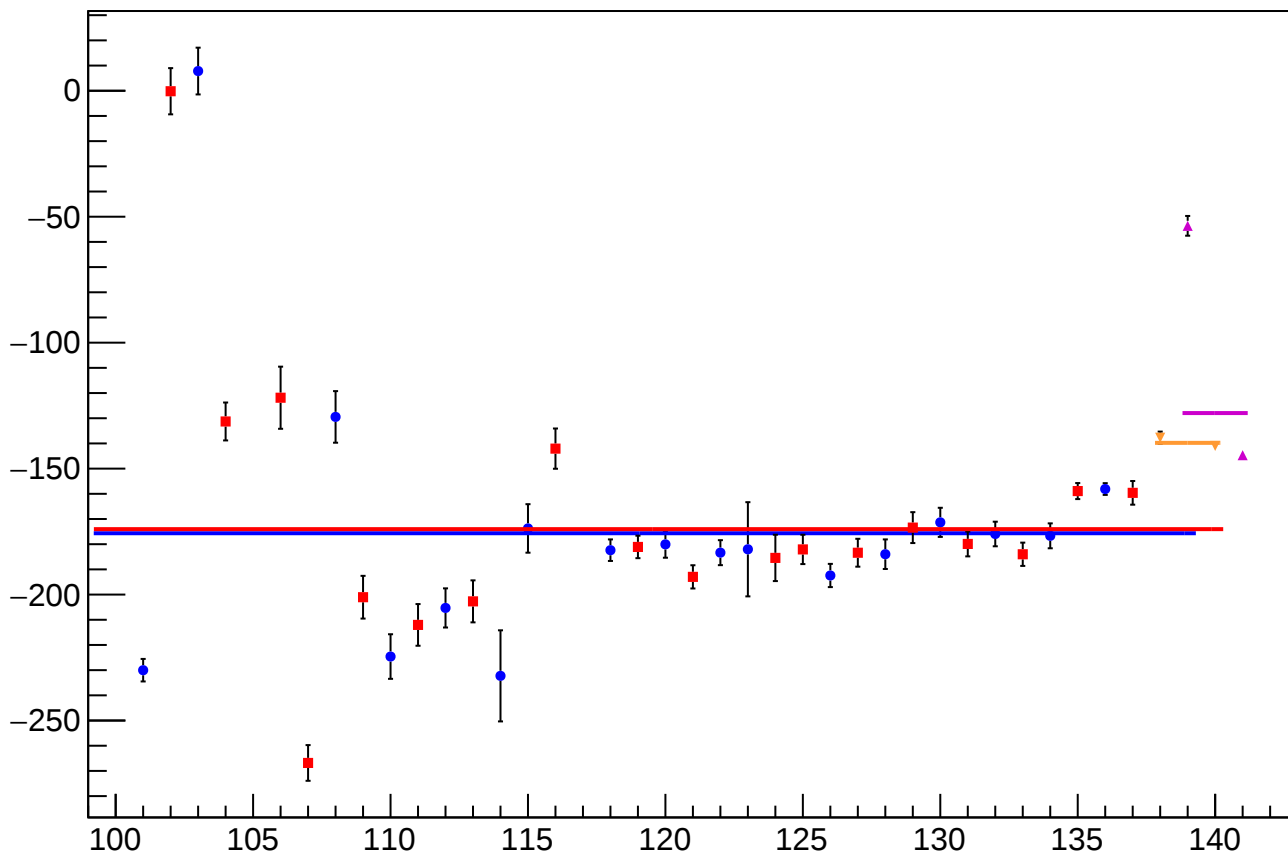
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -142.510 ± 1.302 $\chi^2/\text{NDF}: 483.2/18$

Out: -133.588 ± 1.255 $\chi^2/\text{NDF}: 401.3/19$

All: -137.886 ± 0.904 $\chi^2/\text{NDF}: 908.8/38$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.772 ± 1.481 χ^2/NDF : 1.1/1

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -127.946 ± 1.681 χ^2/NDF : 440.0/1

Left: -134.601 ± 1.111 χ^2/NDF : 469.0/3

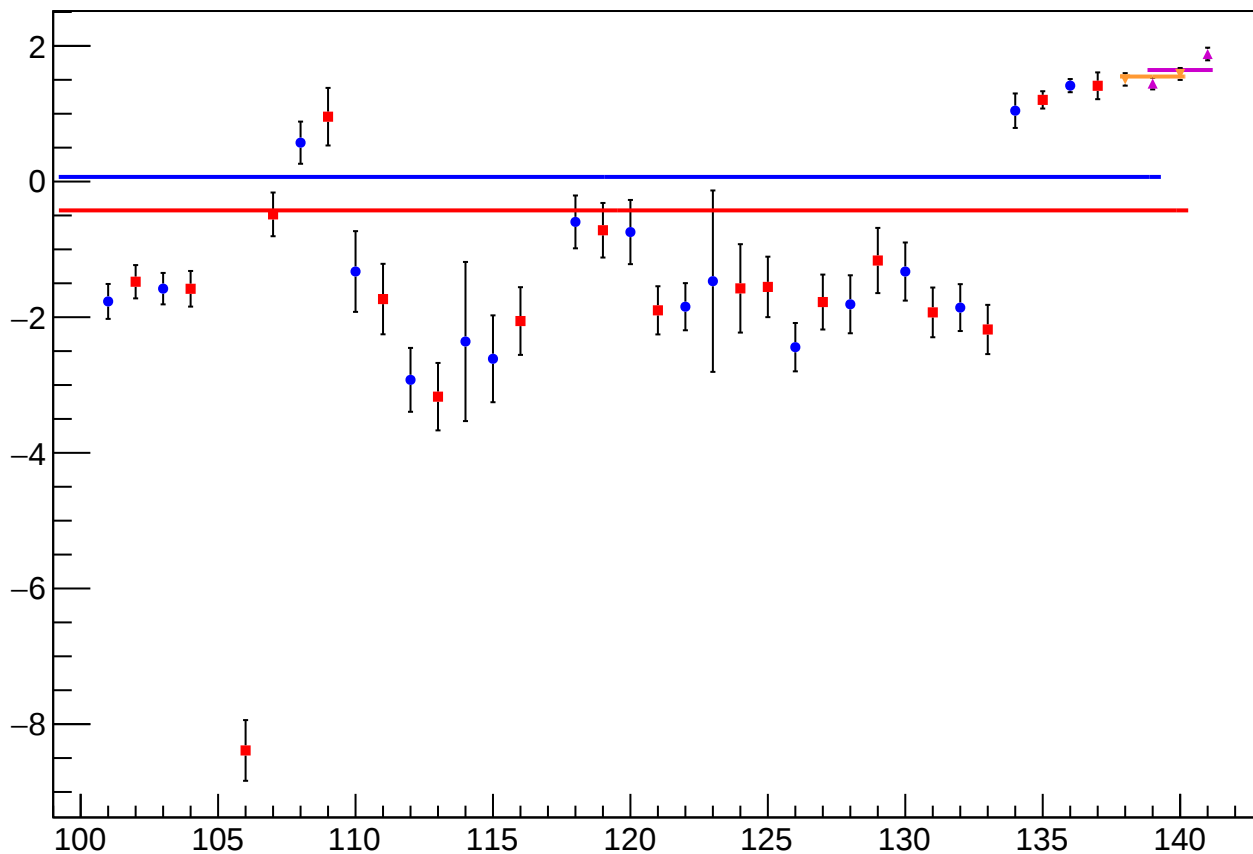
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -158.328 ± 1.013 χ^2/NDF : 1645.2/18

Out: -158.419 ± 1.000 χ^2/NDF : 995.7/19

All: -158.374 ± 0.712 χ^2/NDF : 2640.9/38

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.548 $\pm$ 0.064 χ^2 /NDF:0.4/1

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.645 $\pm$ 0.063 χ^2 /NDF:11.8/1

Left: 1.597 $\pm$ 0.045 χ^2 /NDF: 13.4/3

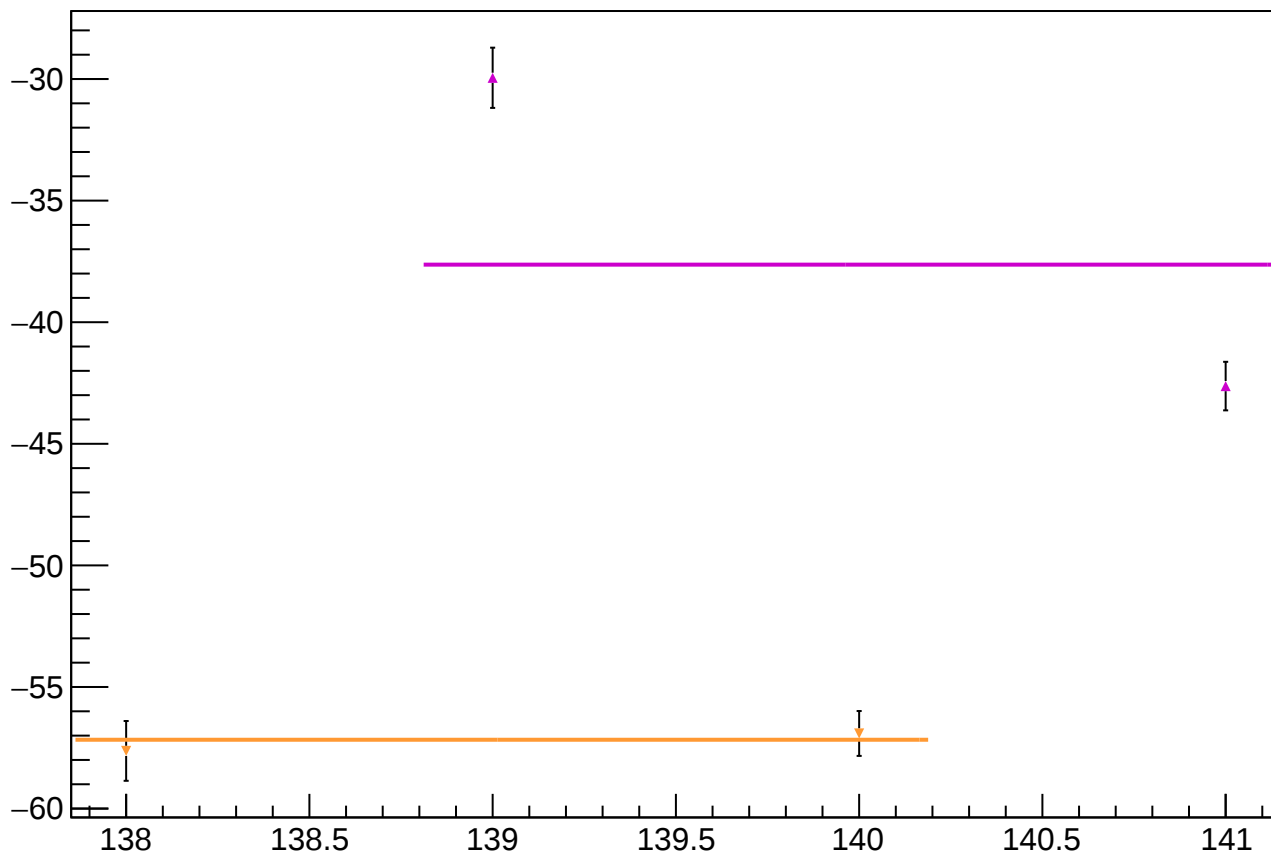
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 0.903 $\pm$ 0.046 χ^2 /NDF:830.6/18

Out: 0.672 $\pm$ 0.047 χ^2 /NDF:1169.9/19

All: 0.791 $\pm$ 0.033 χ^2 /NDF: 2012.7/38

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -57.169 $\pm$ 0.738 χ^2/NDF : 0.2/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -37.633 $\pm$ 0.777 χ^2/NDF : 63.5/1

Left: -47.907 $\pm$ 0.535 χ^2/NDF : 396.0/3

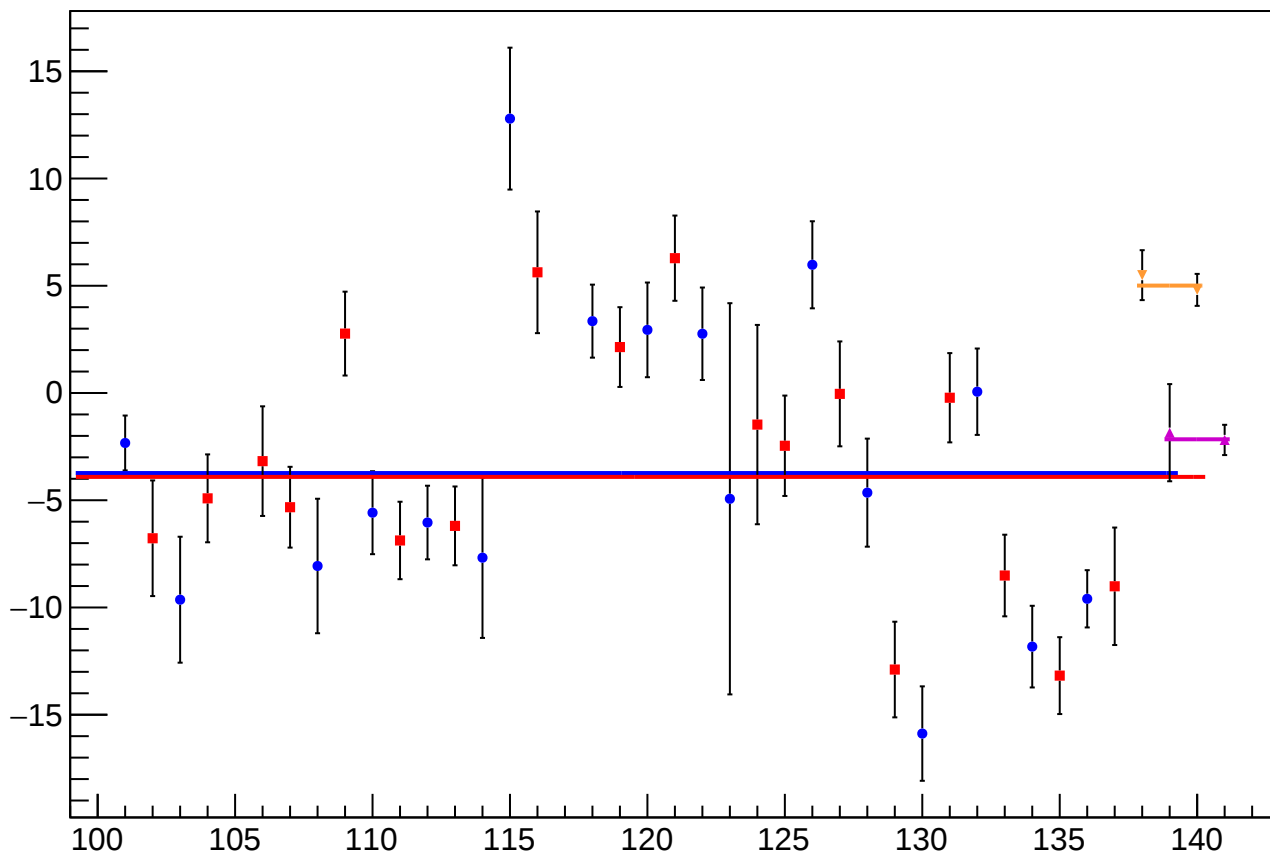
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -37.633 $\pm$ 0.777 χ^2/NDF : 63.5/1

Out: -57.169 $\pm$ 0.738 χ^2/NDF : 0.2/1

All: -47.907 $\pm$ 0.535 χ^2/NDF : 396.0/3

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 5.008 ± 0.628 χ^2/NDF : 0.2/1

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -2.159 ± 0.674 χ^2/NDF : 0.0/1

Left: 1.677 ± 0.459 χ^2/NDF : 60.8/3

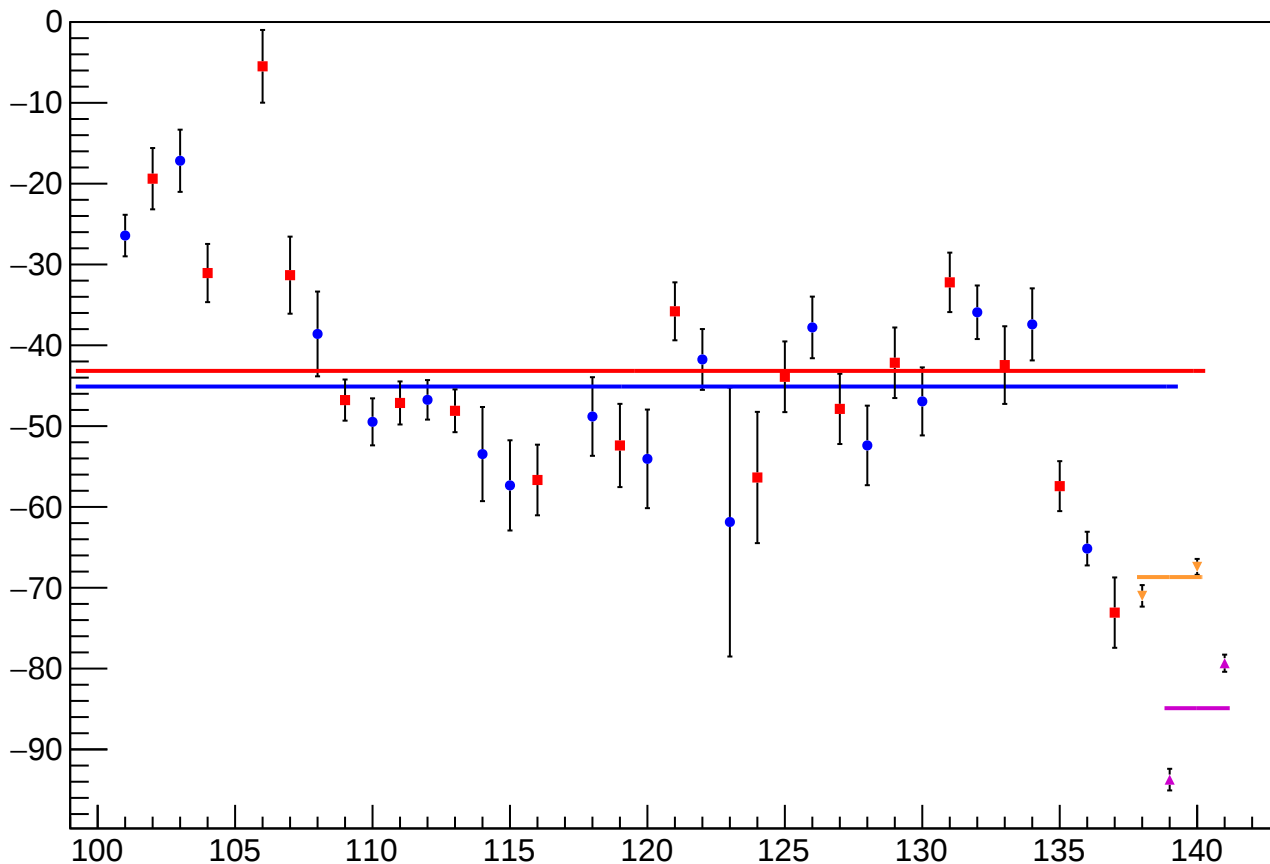
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -3.179 ± 0.399 χ^2/NDF : 169.4/18

Out: -0.391 ± 0.394 χ^2/NDF : 247.2/19

All: -1.767 ± 0.281 χ^2/NDF : 441.3/38

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -68.678 ± 0.791 χ^2/NDF : 4.7/1

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -84.901 ± 0.832 χ^2/NDF : 71.1/1

Left: -76.380 ± 0.573 χ^2/NDF : 275.7/3

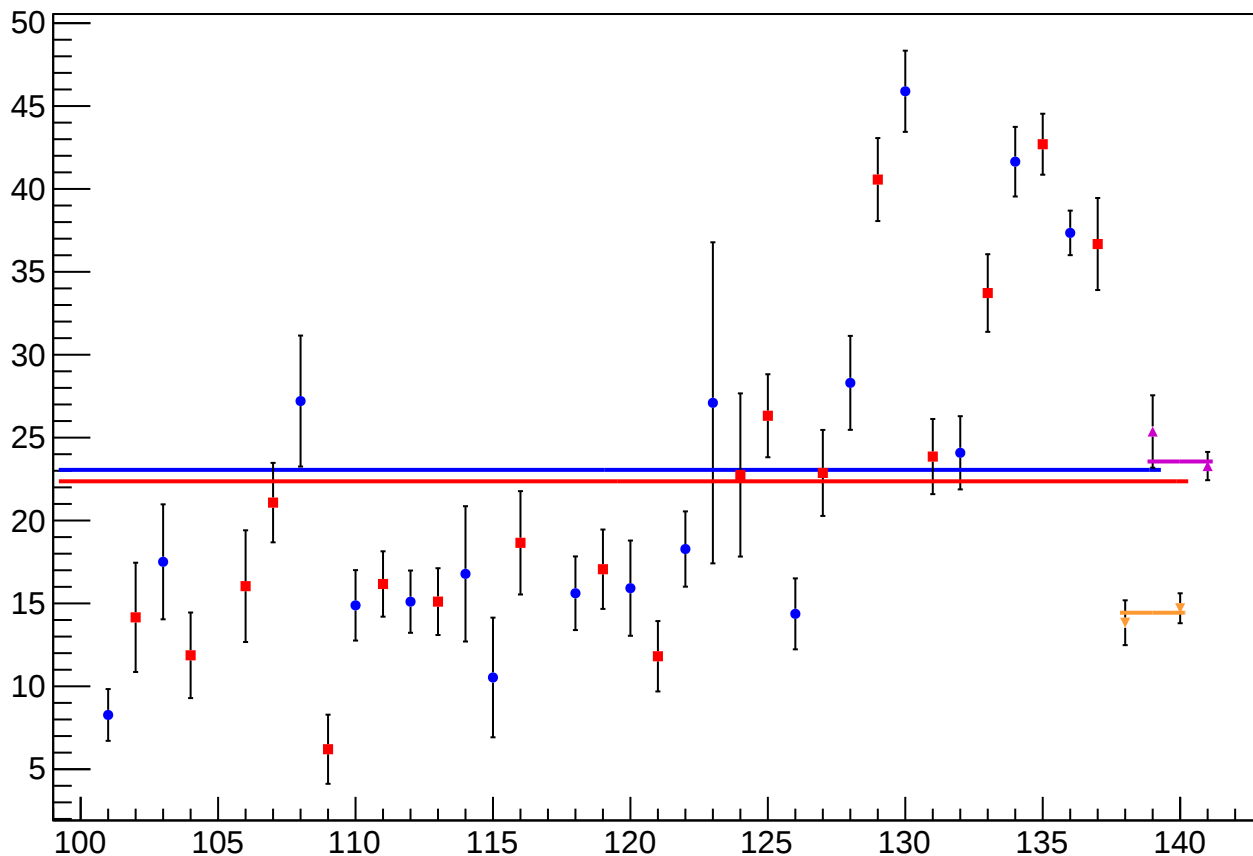
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -66.184 ± 0.605 χ^2/NDF : 1378.9/18

Out: -57.272 ± 0.588 χ^2/NDF : 703.1/19

All: -61.598 ± 0.422 χ^2/NDF : 2193.6/38

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: 14.439 $\pm$ 0.751 χ^2 /NDF:0.3/1

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 23.561 $\pm$ 0.794 χ^2 /NDF:0.8/1

Left: 18.745 $\pm$ 0.545 χ^2 /NDF: 70.8/3

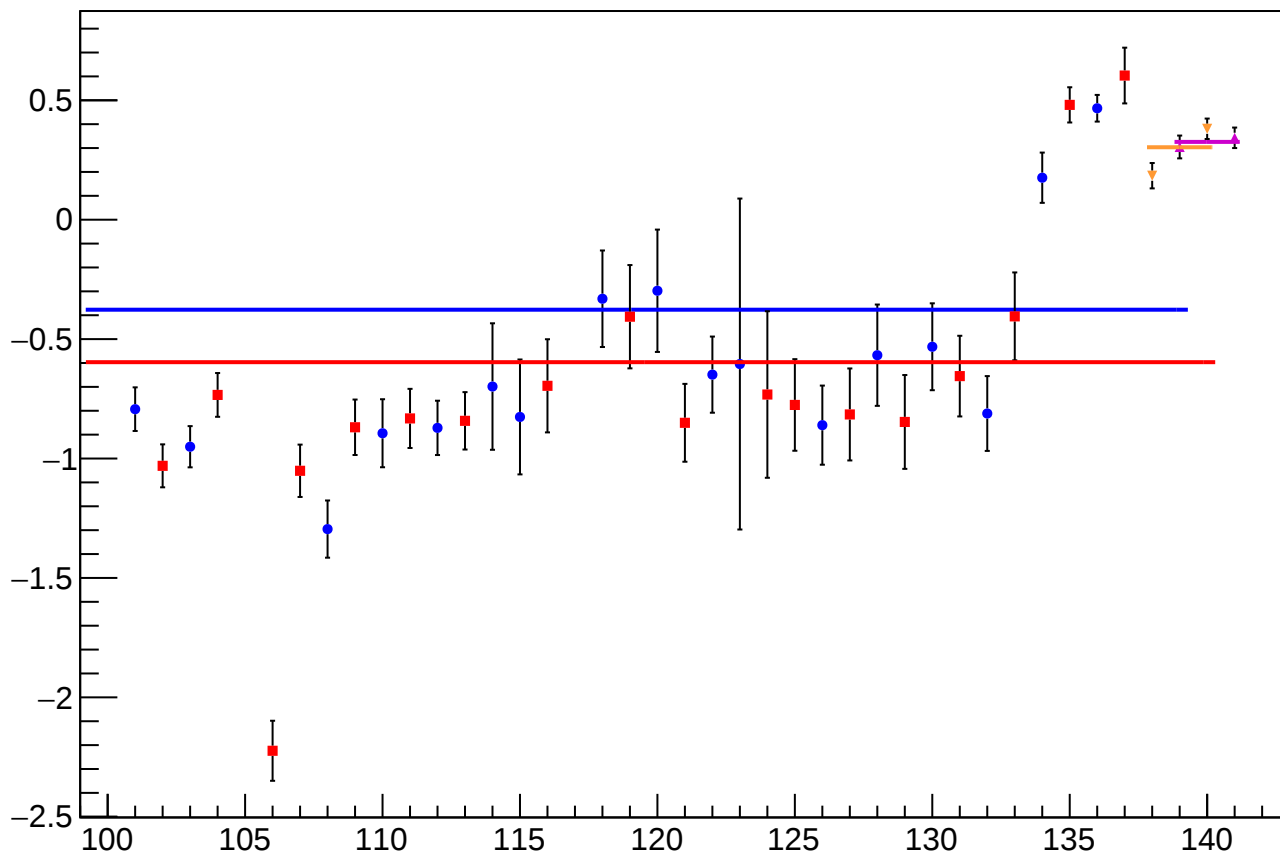
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.222 $\pm$ 0.456 χ^2 /NDF:462.2/18

Out: 19.450 $\pm$ 0.455 χ^2 /NDF:439.5/19

All: 21.333 $\pm$ 0.322 χ^2 /NDF: 936.0/38

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.303 ± 0.033 χ^2/NDF : 8.3/1

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.326 ± 0.032 χ^2/NDF : 0.4/1

Left: 0.315 ± 0.023 χ^2/NDF : 8.9/3

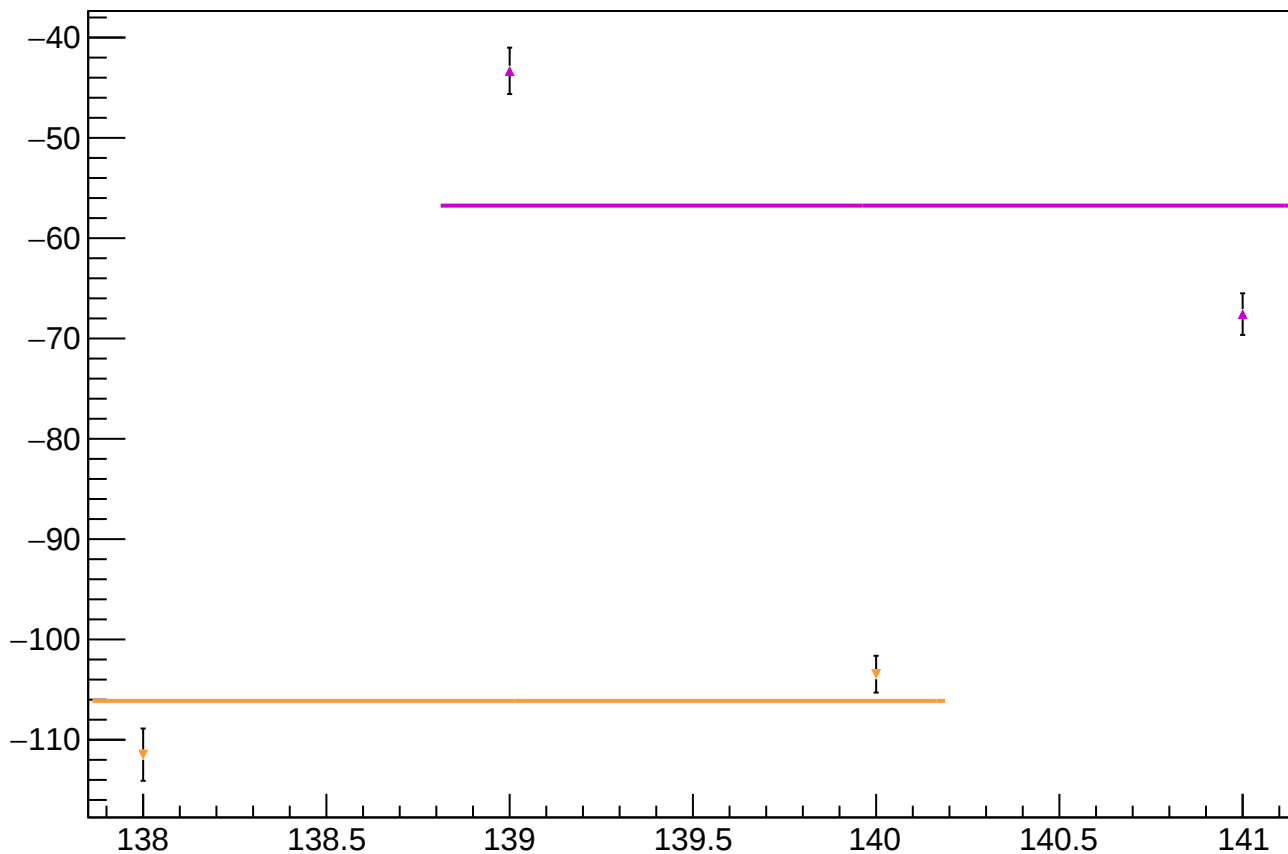
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: -0.046 ± 0.022 χ^2/NDF : 694.3/18

Out: -0.190 ± 0.022 χ^2/NDF : 959.4/19

All: -0.116 ± 0.016 χ^2/NDF : 1674.8/38

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.753+/-1.544 χ^2/NDF : 60.9/1

Left: -82.172+/-1.075 χ^2/NDF : 593.6/3

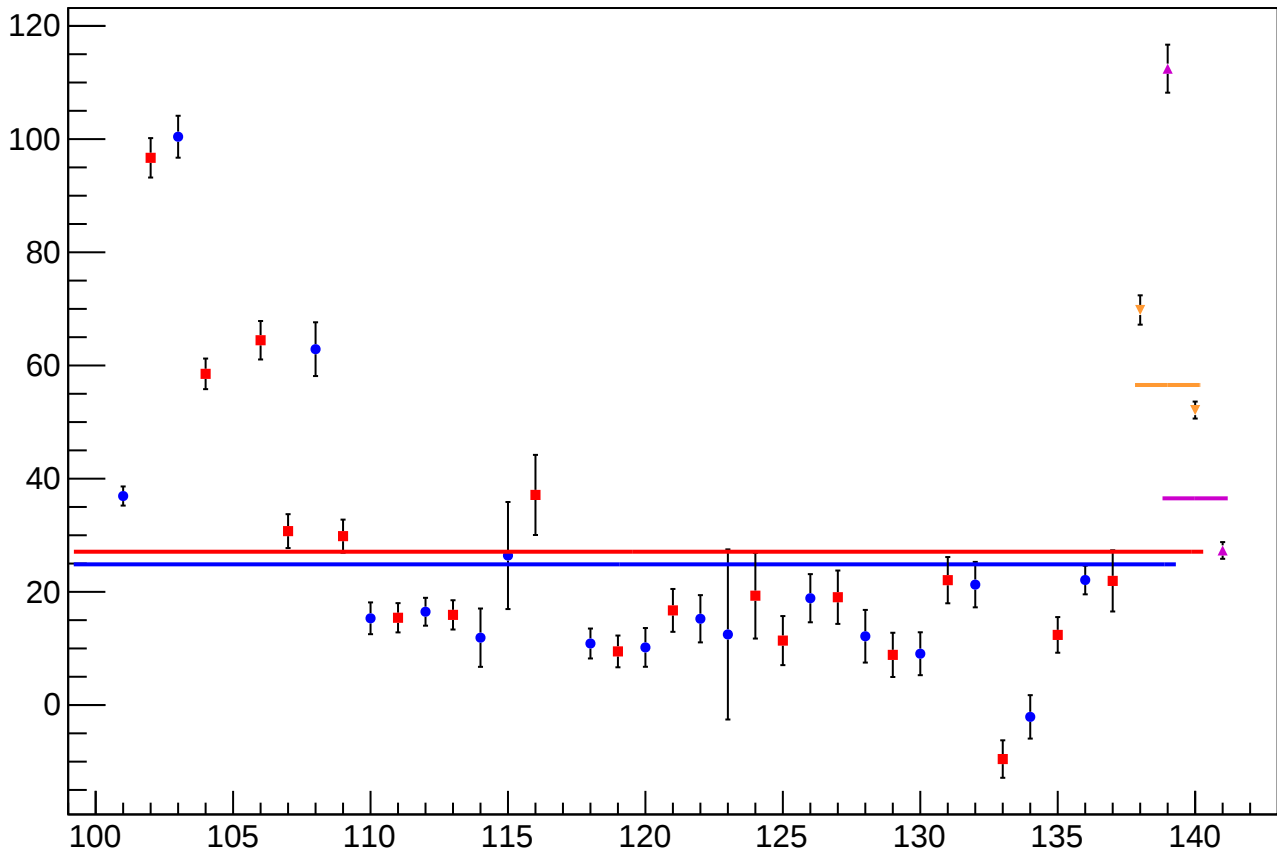
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.753+/-1.544 χ^2/NDF : 60.9/1

Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

All: -82.172+/-1.075 χ^2/NDF : 593.6/3

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863+/-0.802 χ^2/NDF : 691.0/16

Left Out: 56.554+/-1.298 χ^2/NDF : 34.9/1

Right Out: 27.093+/-0.812 χ^2/NDF : 930.9/17

Left In: 36.525+/-1.395 χ^2/NDF : 359.1/1

Left: 47.262+/-0.950 χ^2/NDF : 504.4/3

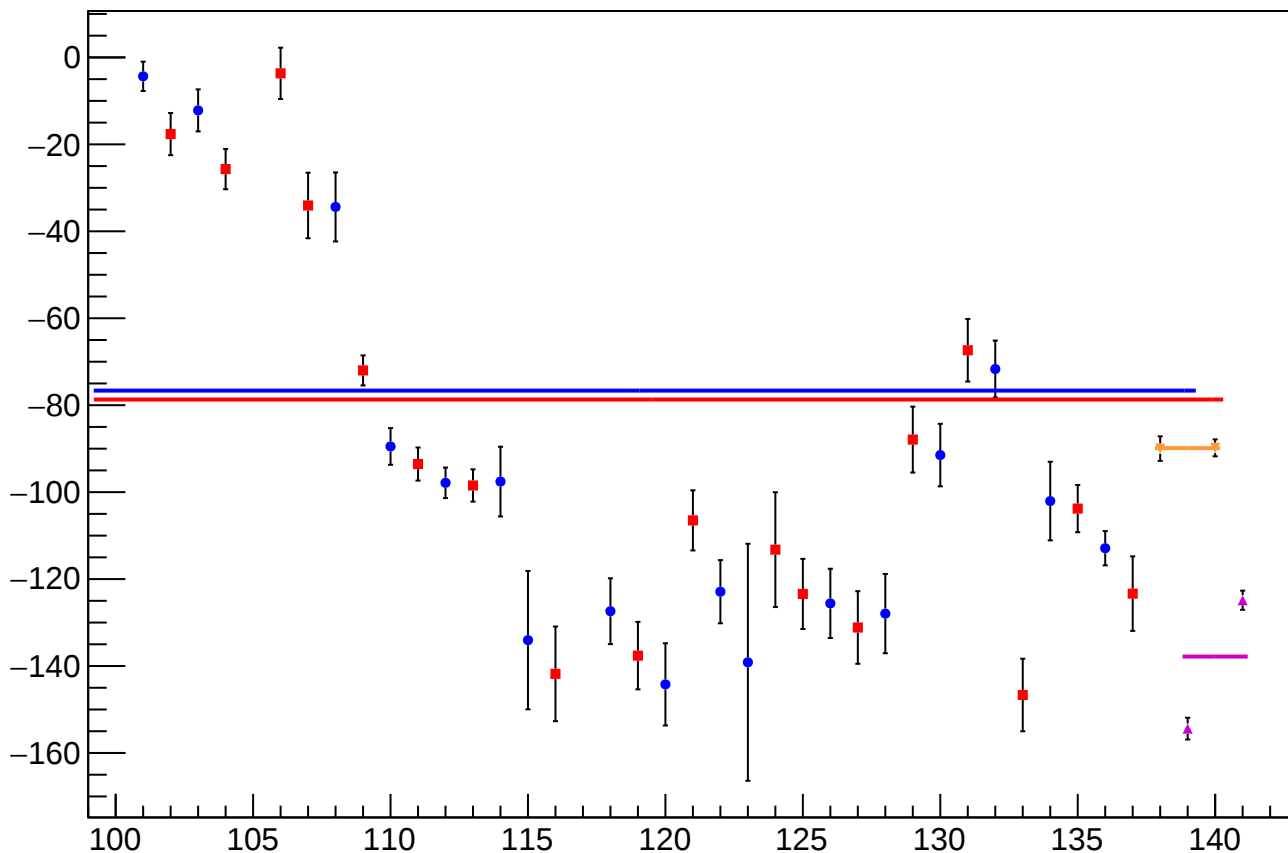
Right: 25.964+/-0.570 χ^2/NDF : 1625.8/34

In: 27.759+/-0.695 χ^2/NDF : 1102.6/18

Out: 35.376+/-0.688 χ^2/NDF : 1336.2/19

All: 31.606+/-0.489 χ^2/NDF : 2499.4/38

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -89.868 ± 1.606 χ^2/NDF : 0.0/1

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -137.819 ± 1.653 χ^2/NDF : 78.6/1

Left: -113.145 ± 1.152 χ^2/NDF : 511.5/3

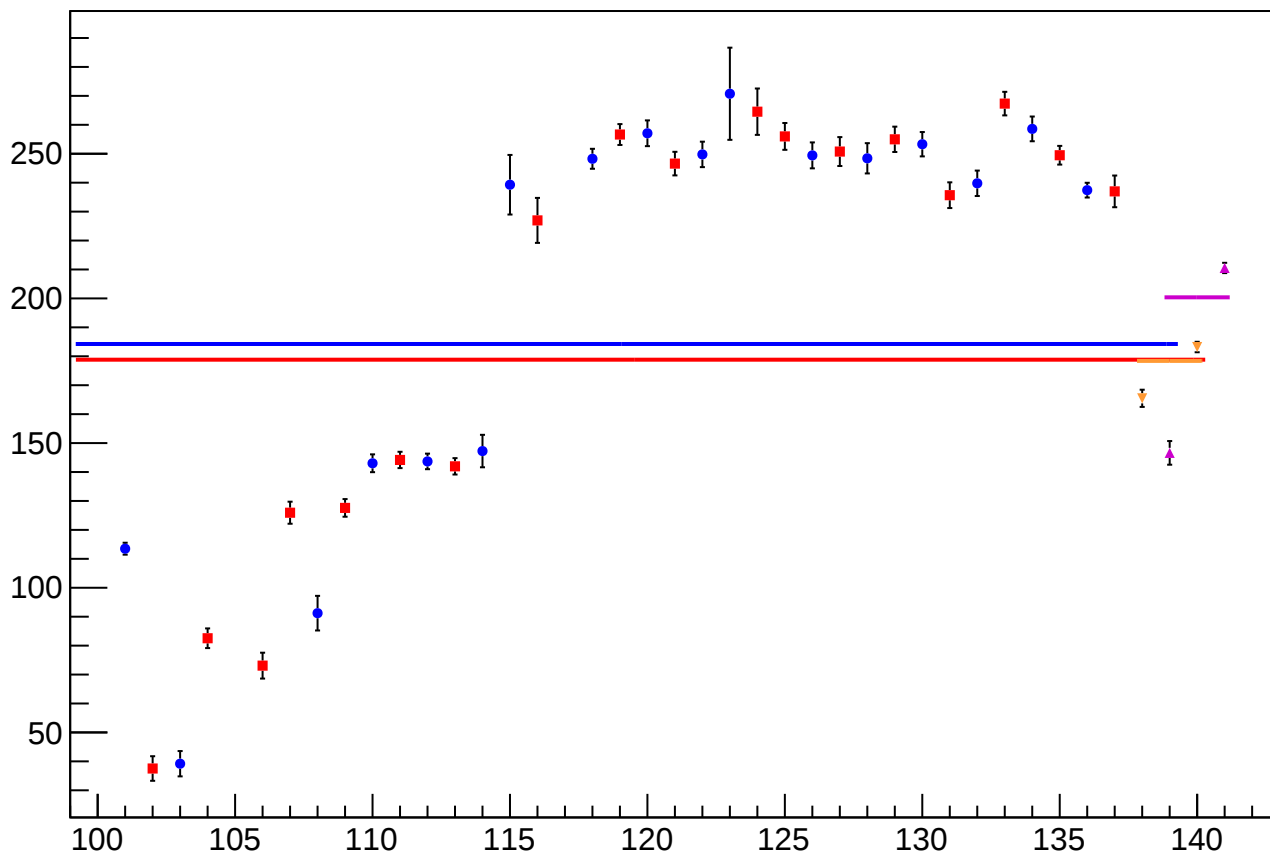
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -102.506 ± 1.075 χ^2/NDF : 1909.9/18

Out: -83.362 ± 1.038 χ^2/NDF : 864.7/19

All: -92.597 ± 0.747 χ^2/NDF : 2938.7/38

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: 178.407 $\pm$ 1.546 χ^2 /NDF:25.9/1

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 200.373 $\pm$ 1.630 χ^2 /NDF:205.3/1

Left: 188.805 $\pm$ 1.122 χ^2 /NDF: 326.9/3

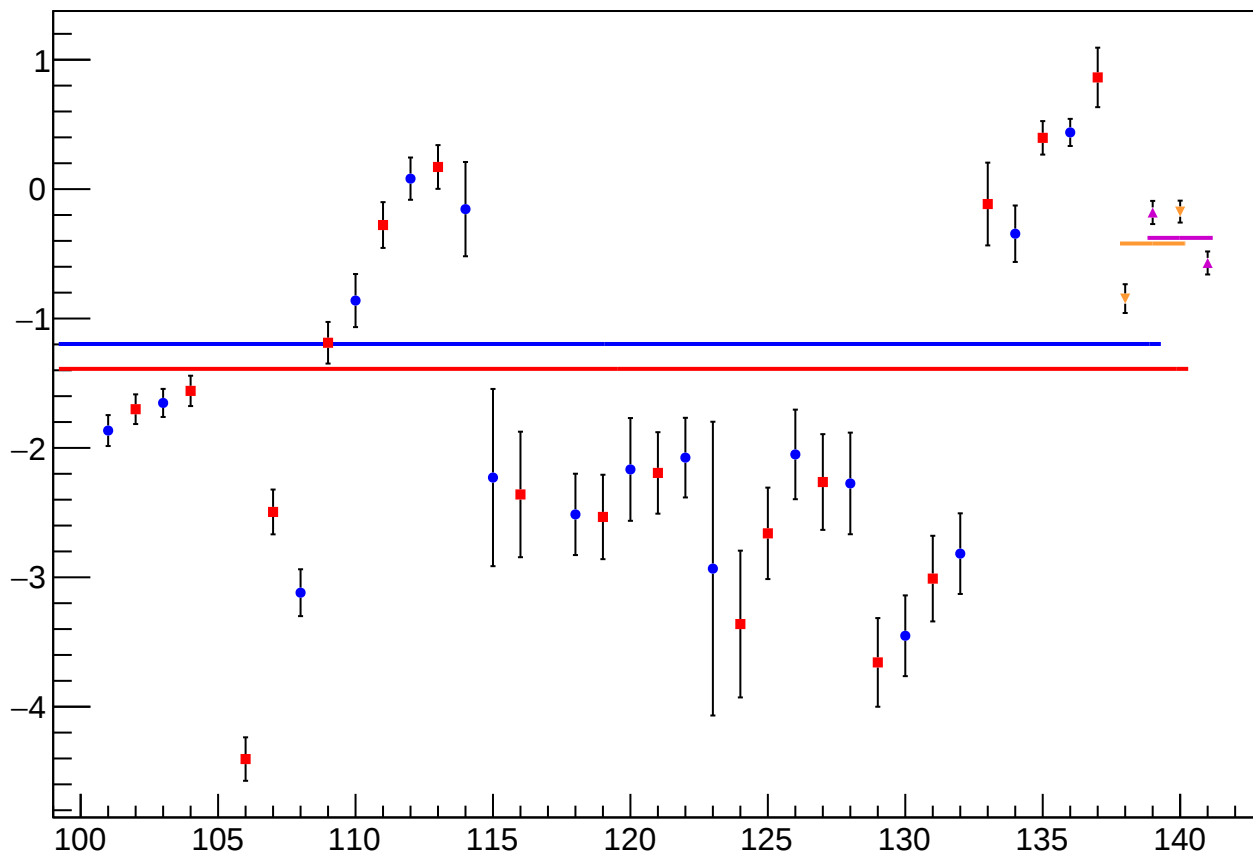
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 188.111 $\pm$ 0.798 χ^2 /NDF:5668.3/18

Out: 178.712 $\pm$ 0.794 χ^2 /NDF:6197.0/19

All: 183.388 $\pm$ 0.563 χ^2 /NDF: 11934.9/38

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.420 ± 0.067 χ^2/NDF : 23.1/1

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.377 ± 0.063 χ^2/NDF : 9.6/1

Left: -0.397 ± 0.046 χ^2/NDF : 32.9/3

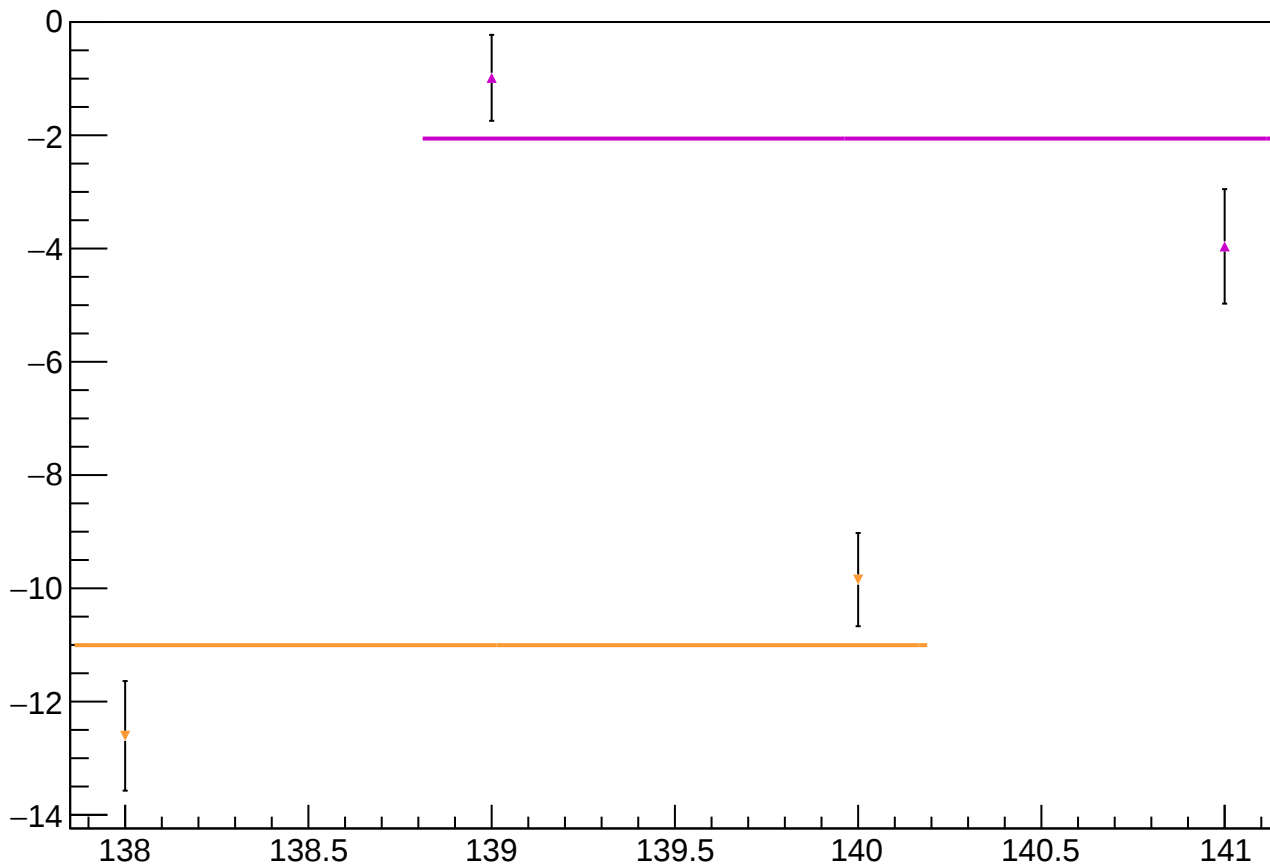
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.895 ± 0.038 χ^2/NDF : 737.9/18

Out: -1.080 ± 0.038 χ^2/NDF : 1086.2/19

All: -0.988 ± 0.027 χ^2/NDF : 1835.9/38

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.058+/-0.607 χ^2/NDF : 5.5/1

Left: -6.386+/-0.436 χ^2/NDF : 115.4/3

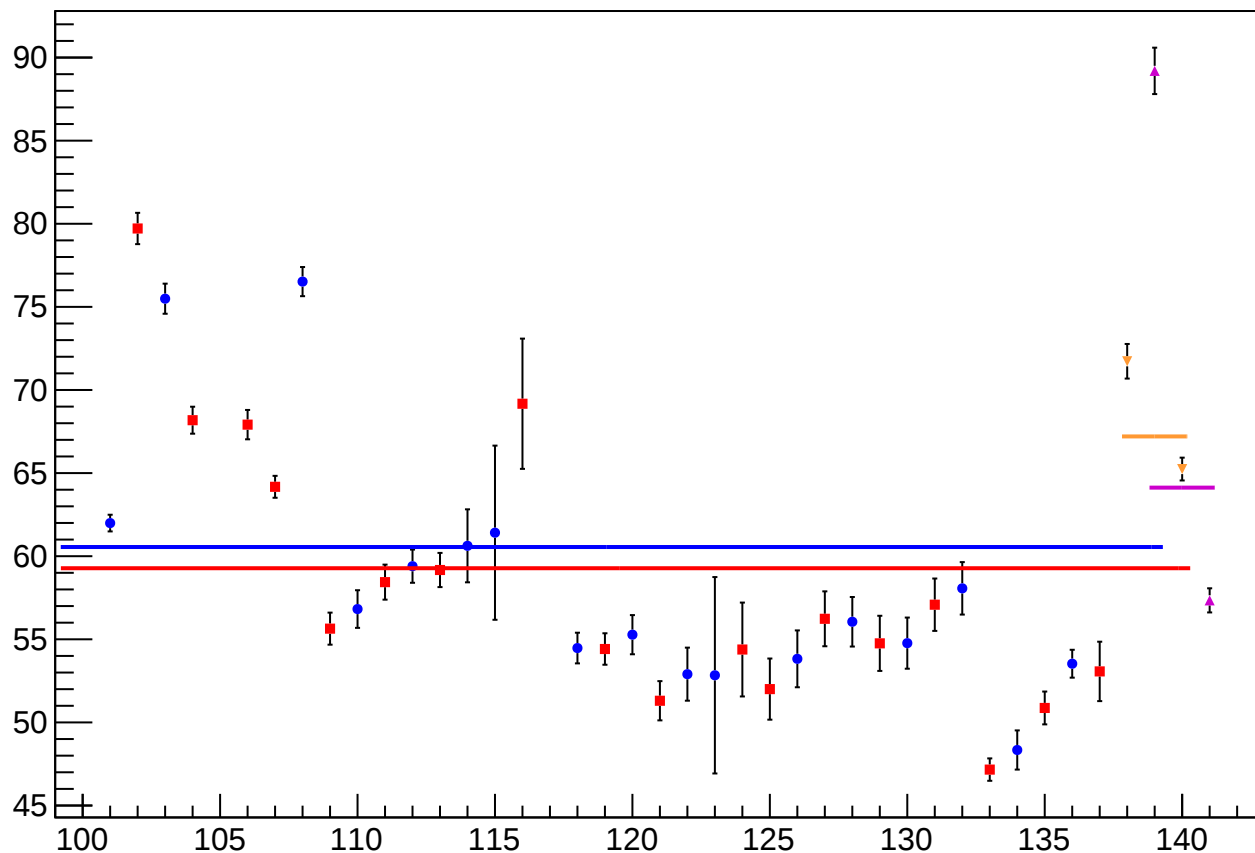
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.058+/-0.607 χ^2/NDF : 5.5/1

Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

All: -6.386+/-0.436 χ^2/NDF : 115.4/3

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 67.205 ± 0.573 $\chi^2/\text{NDF}: 27.0/1$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 64.125 ± 0.644 $\chi^2/\text{NDF}: 409.8/1$

Left: 65.845 ± 0.428 $\chi^2/\text{NDF}: 449.6/3$

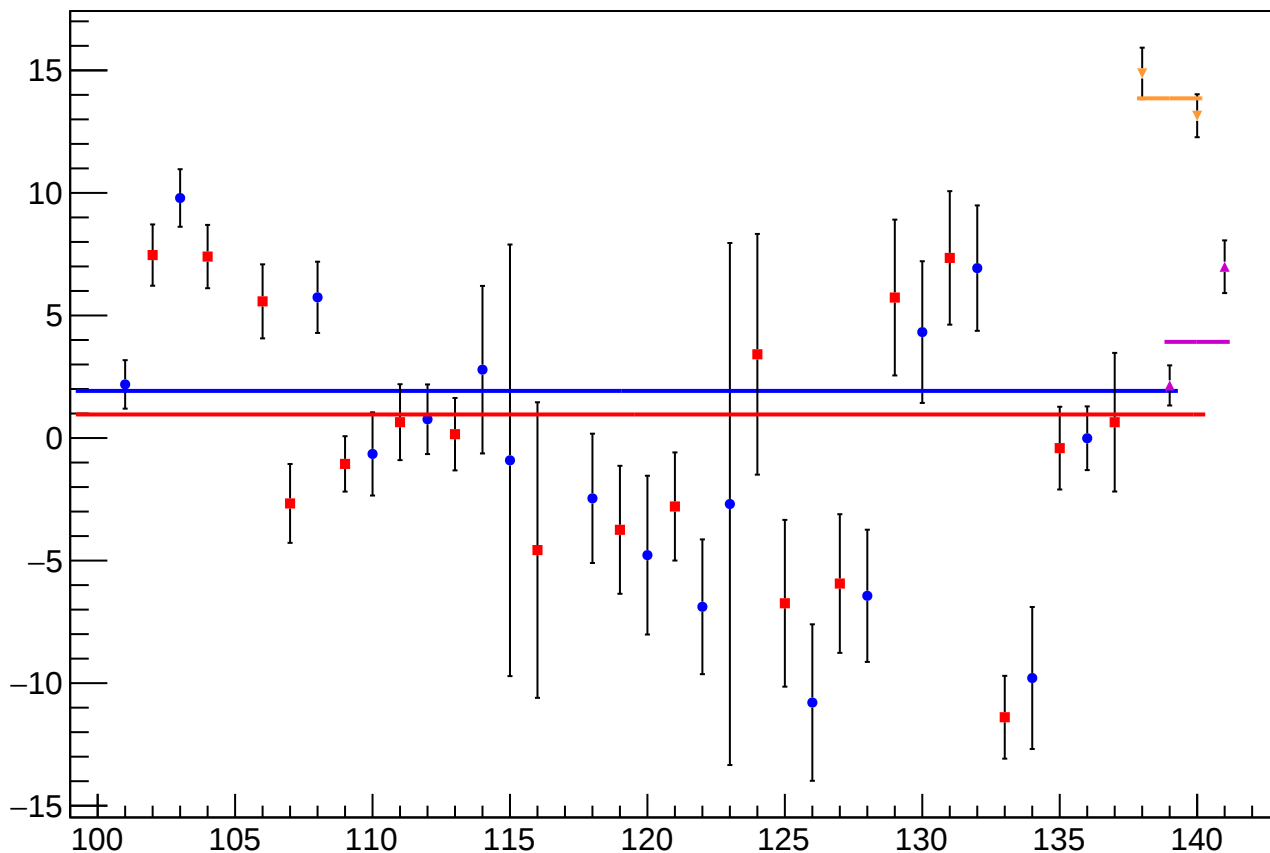
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 61.059 ± 0.243 $\chi^2/\text{NDF}: 1367.2/18$

Out: 60.535 ± 0.228 $\chi^2/\text{NDF}: 1462.9/19$

All: 60.781 ± 0.166 $\chi^2/\text{NDF}: 2832.6/38$

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: 13.858 ± 0.673 $\chi^2/\text{NDF}: 1.6/1$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 3.924 ± 0.651 $\chi^2/\text{NDF}: 12.8/1$

Left: 8.729 ± 0.468 $\chi^2/\text{NDF}: 127.0/3$

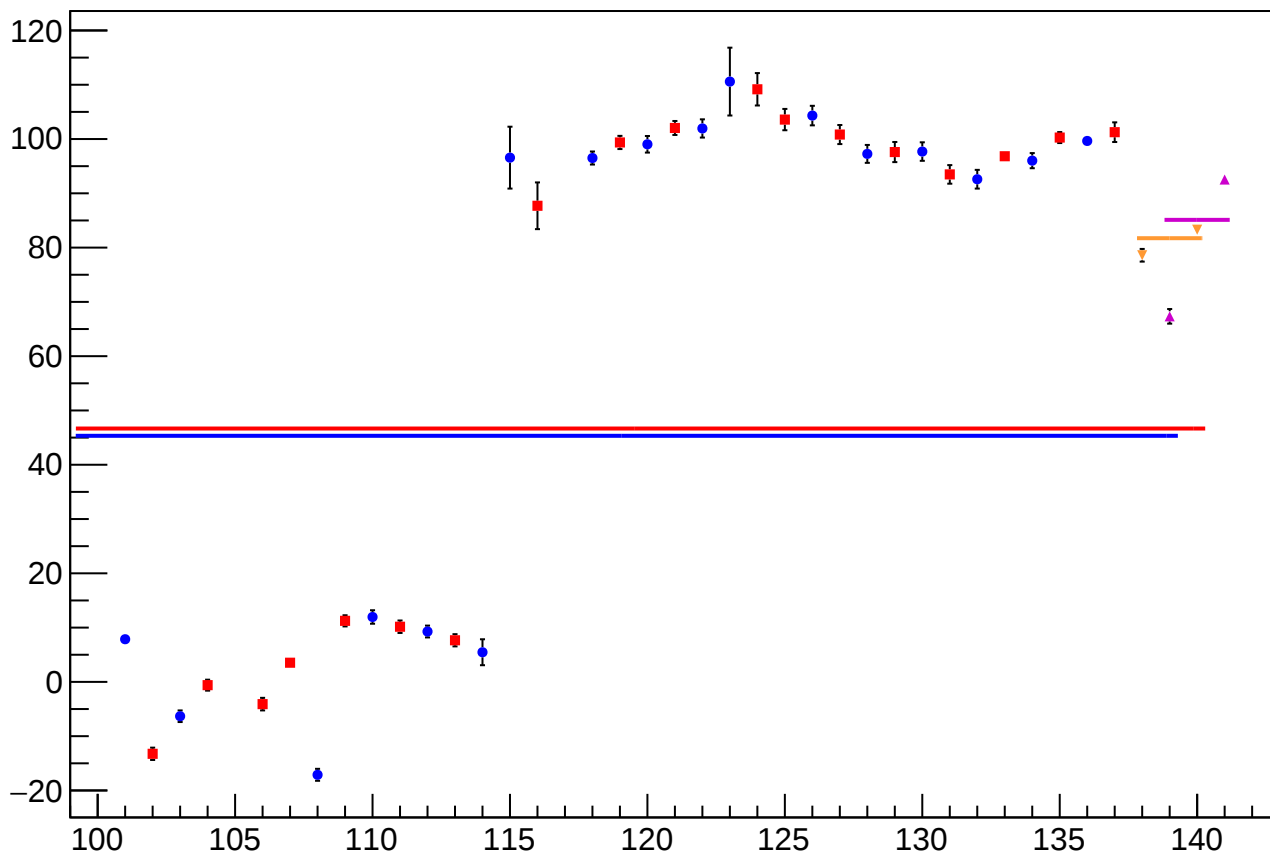
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 2.585 ± 0.375 $\chi^2/\text{NDF}: 140.2/18$

Out: 4.697 ± 0.362 $\chi^2/\text{NDF}: 412.6/19$

All: 3.677 ± 0.260 $\chi^2/\text{NDF}: 569.2/38$

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: 81.733 $\pm$ 0.674 χ^2 /NDF:10.9/1

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 85.111 $\pm$ 0.731 χ^2 /NDF:247.0/1

Left: 83.285 $\pm$ 0.496 χ^2 /NDF: 269.4/3

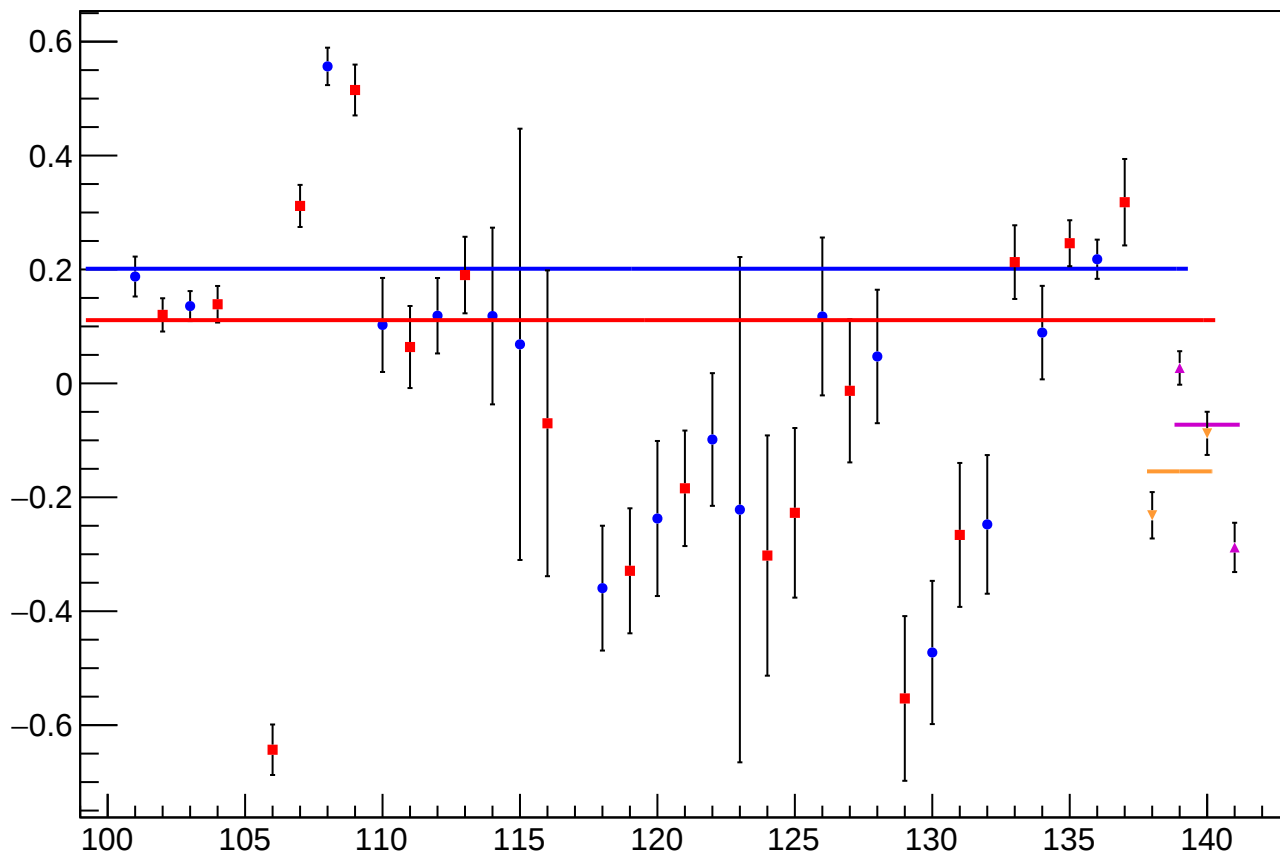
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 51.182 $\pm$ 0.280 χ^2 /NDF:27778.9/18

Out: 52.174 $\pm$ 0.267 χ^2 /NDF:30188.8/19

All: 51.702 $\pm$ 0.193 χ^2 /NDF: 57974.3/38

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.154 ± 0.028 χ^2/NDF : 6.7/1

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.073 ± 0.024 χ^2/NDF : 36.3/1

Left: -0.108 ± 0.018 χ^2/NDF : 47.9/3

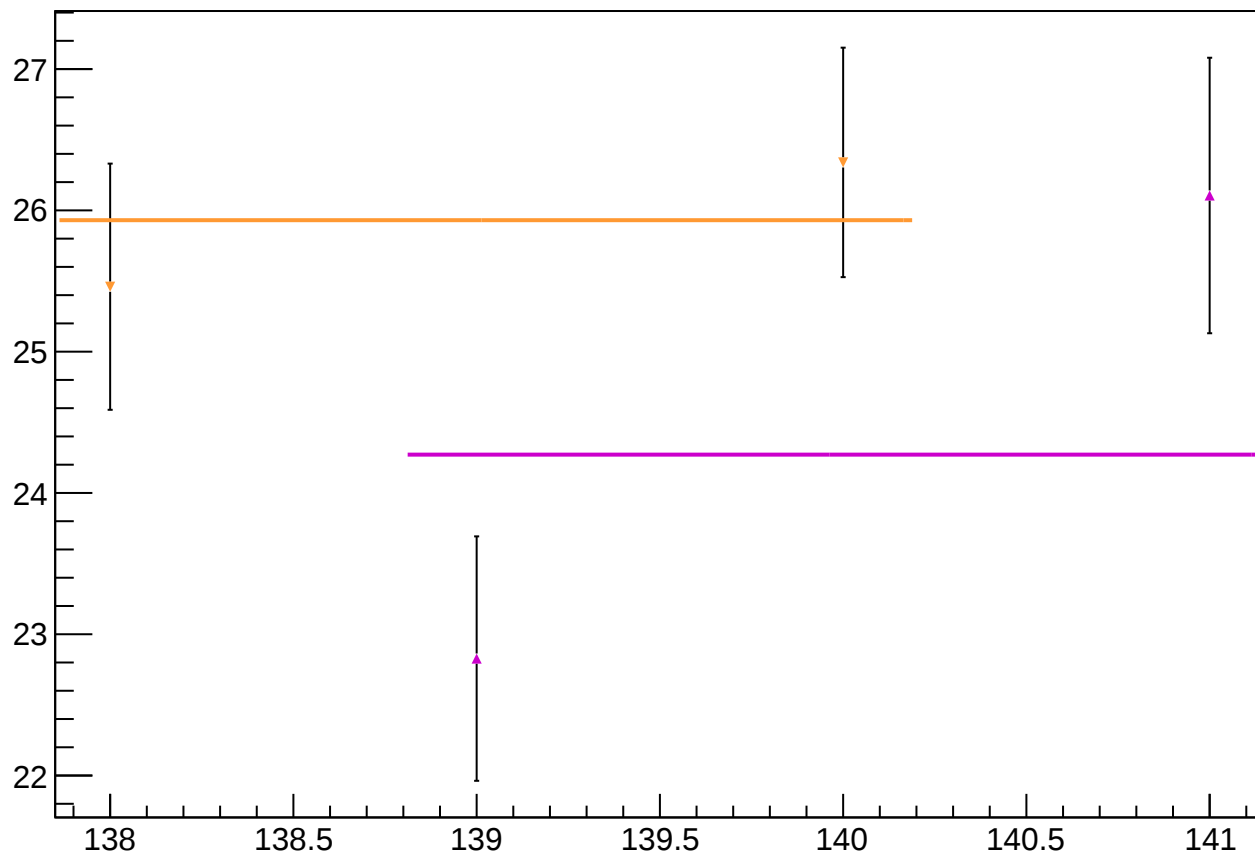
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.133 ± 0.012 χ^2/NDF : 348.6/18

Out: 0.062 ± 0.012 χ^2/NDF : 571.0/19

All: 0.097 ± 0.009 χ^2/NDF : 936.8/38

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.931 $\pm$ 0.594 χ^2 /NDF:0.5/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.271 $\pm$ 0.647 χ^2 /NDF:6.3/1

Left: 25.172 $\pm$ 0.438 χ^2 /NDF: 10.4/3

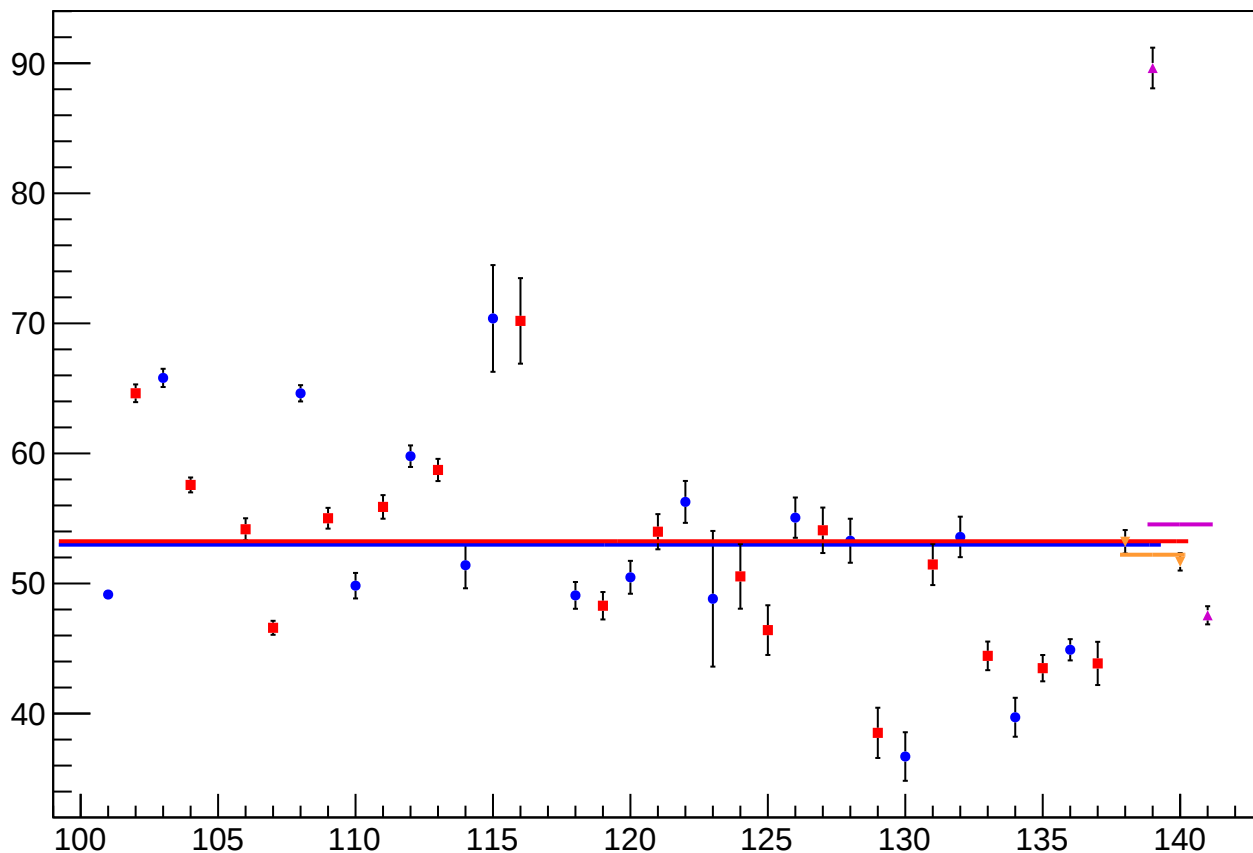
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.271 $\pm$ 0.647 χ^2 /NDF:6.3/1

Out: 25.931 $\pm$ 0.594 χ^2 /NDF:0.5/1

All: 25.172 $\pm$ 0.438 χ^2 /NDF: 10.4/3

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 ± 0.210 χ^2/NDF : 1197.9/16

Left Out: 52.213 ± 0.538 χ^2/NDF : 1.9/1

Right Out: 53.248 ± 0.227 χ^2/NDF : 856.4/17

Left In: 54.543 ± 0.637 χ^2/NDF : 604.3/1

Left: 53.183 ± 0.411 χ^2/NDF : 613.9/3

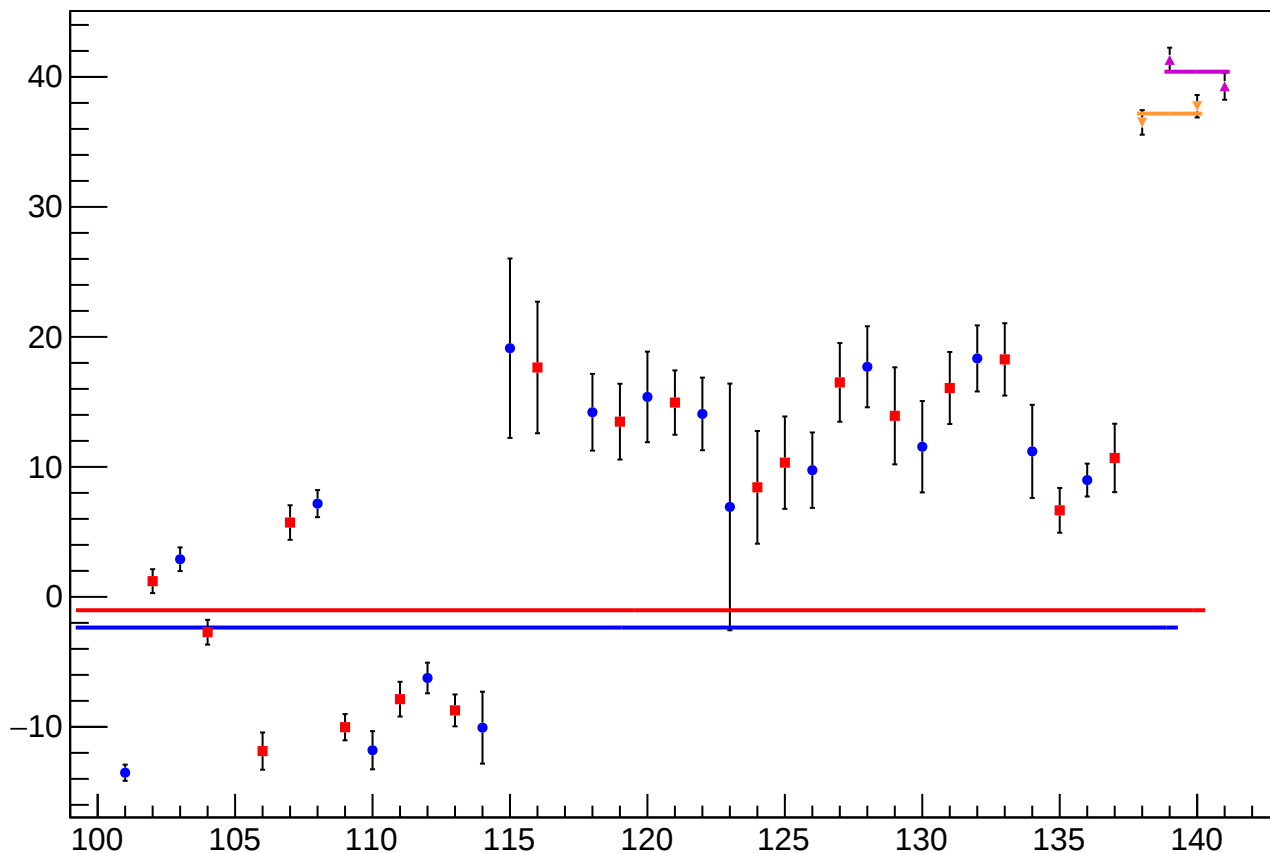
Right: 53.106 ± 0.154 χ^2/NDF : 2055.0/34

In: 53.138 ± 0.200 χ^2/NDF : 1807.6/18

Out: 53.091 ± 0.209 χ^2/NDF : 861.4/19

All: 53.116 ± 0.145 χ^2/NDF : 2669.0/38

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 37.178 ± 0.638 χ^2/NDF : 0.9/1

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 40.402 ± 0.695 χ^2/NDF : 2.1/1

Left: 38.653 ± 0.470 χ^2/NDF : 14.7/3

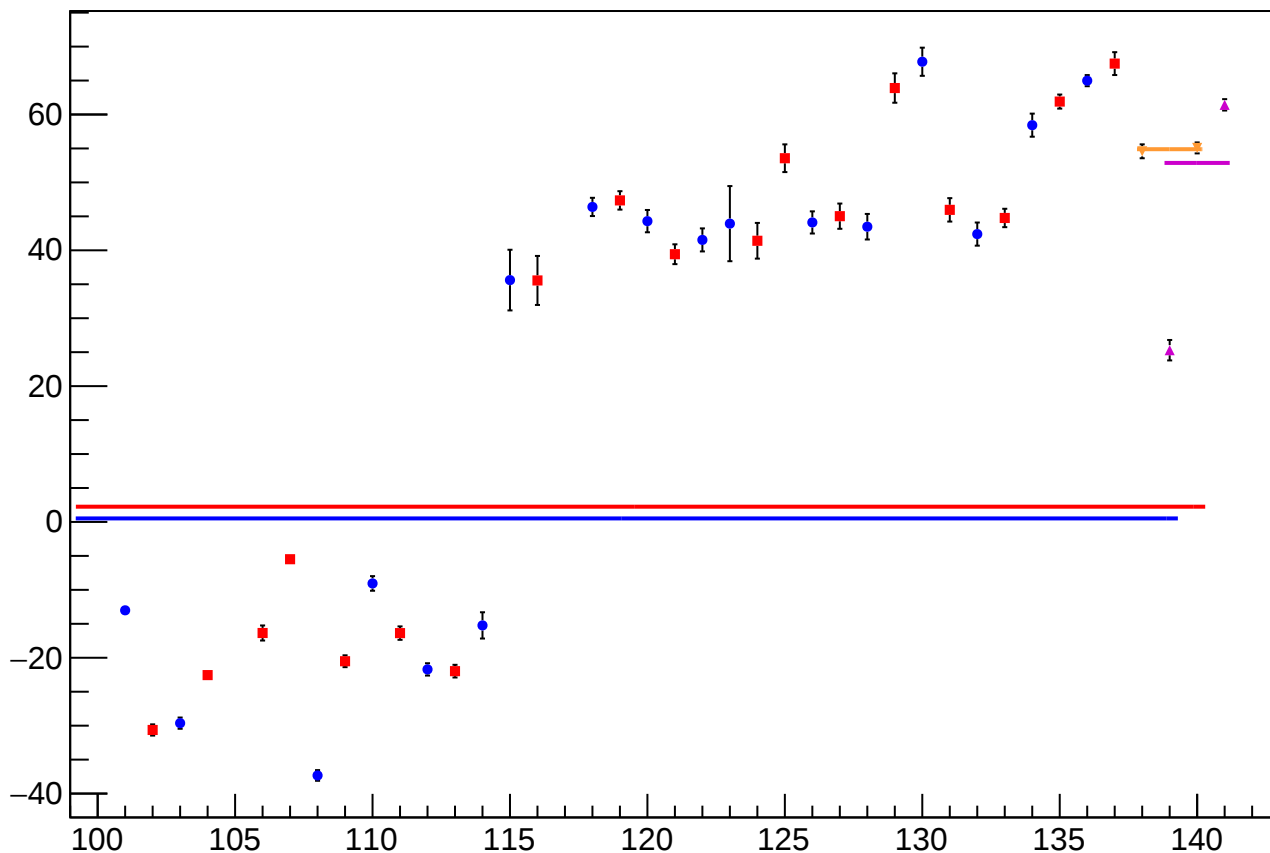
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 6.854 ± 0.323 χ^2/NDF : 3811.3/18

Out: 8.986 ± 0.327 χ^2/NDF : 3154.8/19

All: 7.906 ± 0.230 χ^2/NDF : 6987.7/38

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 54.889+/-0.634 χ^2/NDF : 0.1/1

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 52.869+/-0.732 χ^2/NDF : 439.8/1

Left: 54.023+/-0.479 χ^2/NDF : 444.3/3

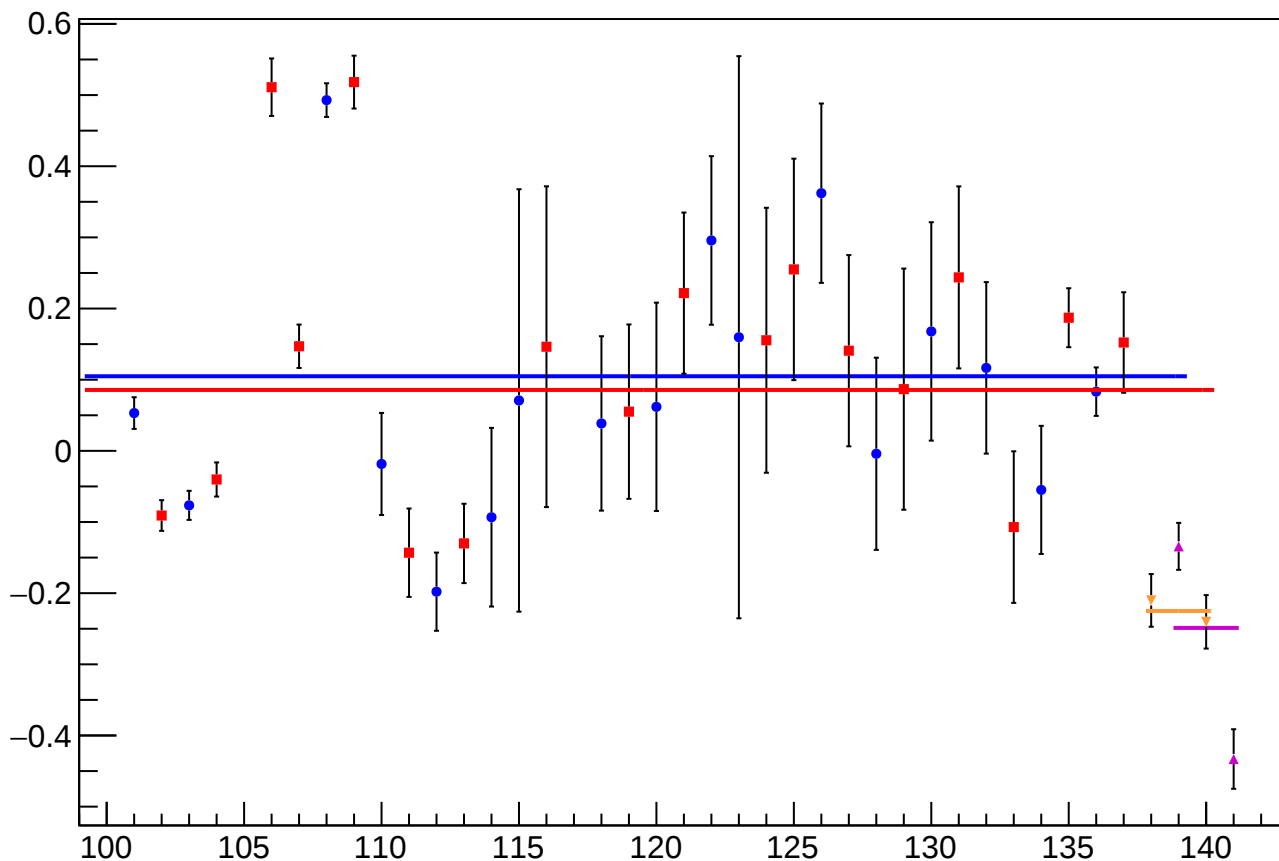
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 5.861+/-0.234 χ^2/NDF : 23413.0/18

Out: 10.190+/-0.246 χ^2/NDF : 21225.4/19

All: 7.914+/-0.170 χ^2/NDF : 44800.7/38

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: -0.225 ± 0.026 $\chi^2/\text{NDF}: 0.3/1$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.249 ± 0.026 $\chi^2/\text{NDF}: 31.4/1$

Left: -0.237 ± 0.018 $\chi^2/\text{NDF}: 32.2/3$

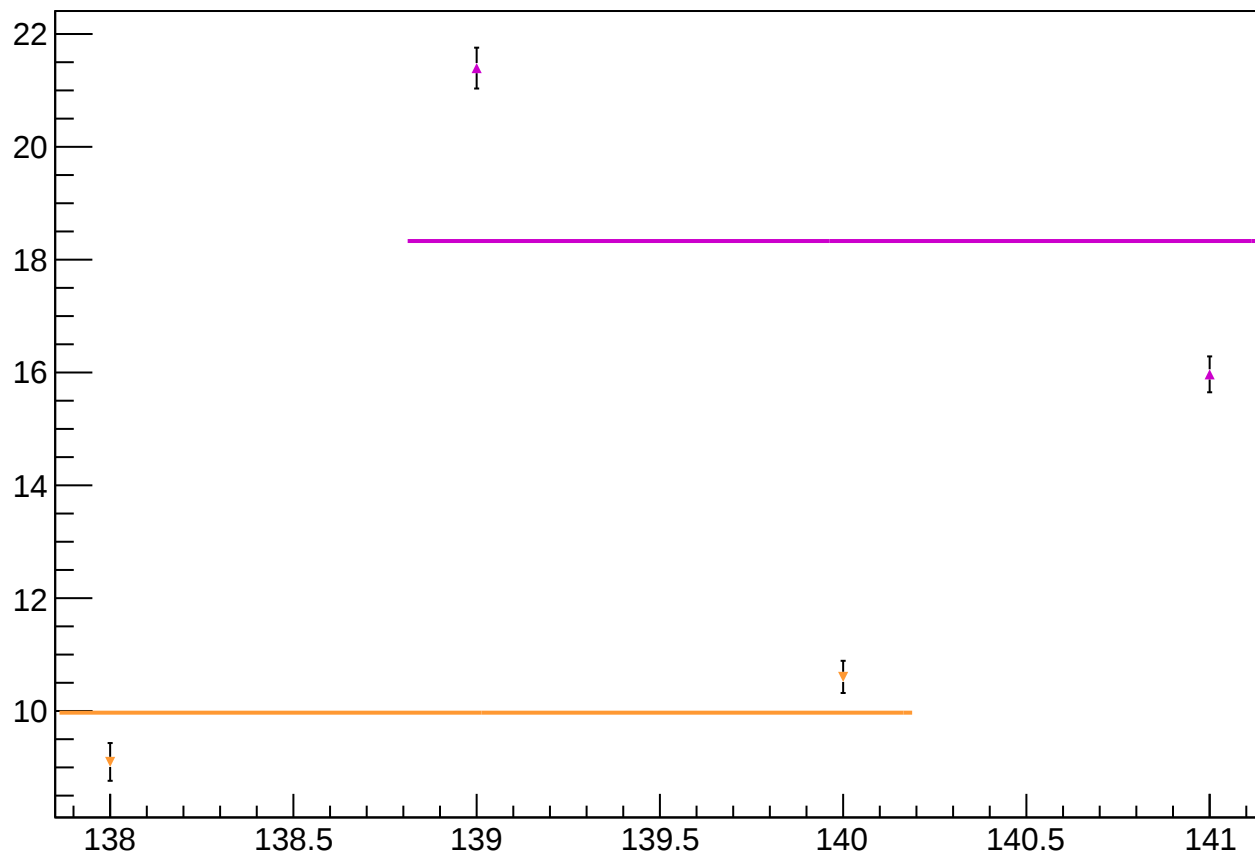
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: 0.051 ± 0.010 $\chi^2/\text{NDF}: 589.9/18$

Out: 0.039 ± 0.010 $\chi^2/\text{NDF}: 506.6/19$

All: 0.045 ± 0.007 $\chi^2/\text{NDF}: 1097.1/38$

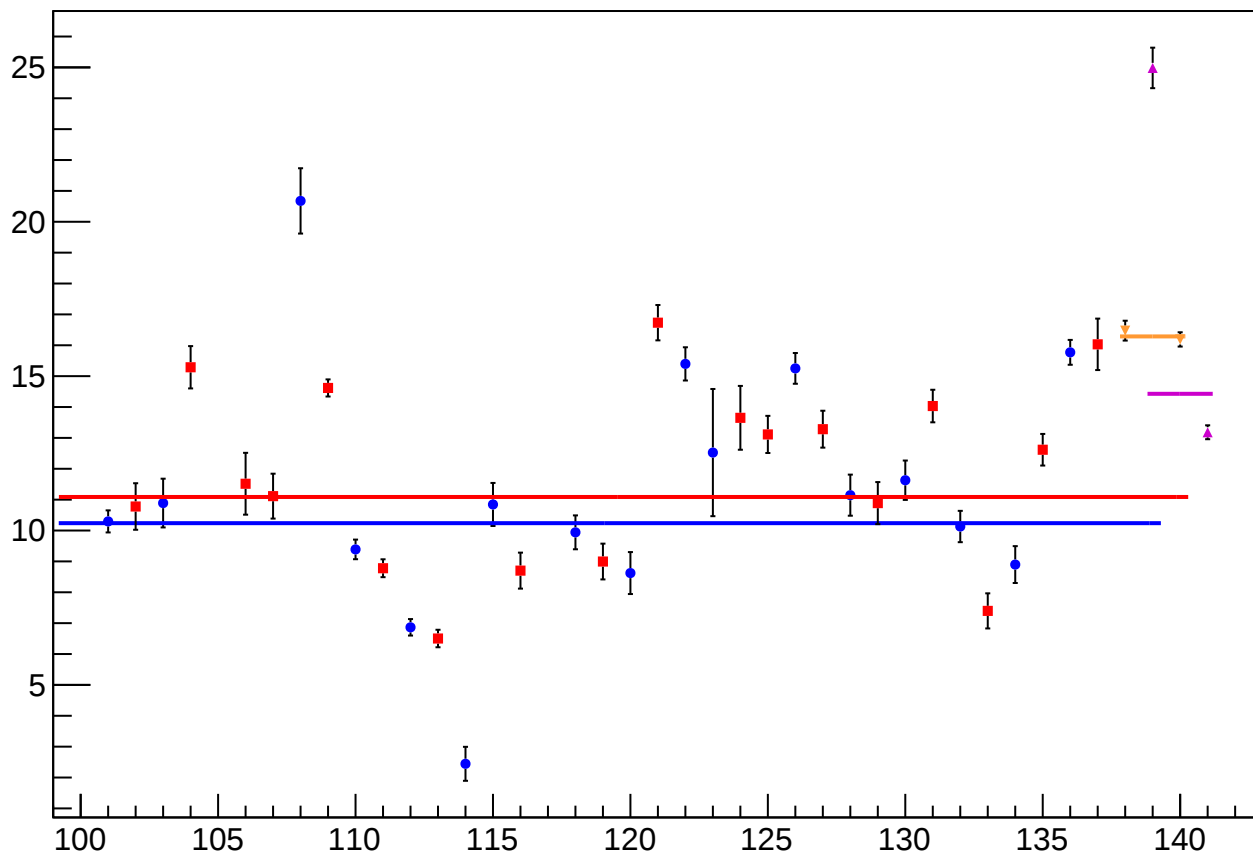
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.970+/-0.217 χ^2/NDF :11.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.331+/-0.239 χ^2/NDF :126.9/1

Left: 13.752+/-0.161 χ^2/NDF : 809.4/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.331+/-0.239 χ^2/NDF :126.9/1
 Out: 9.970+/-0.217 χ^2/NDF :11.7/1
 All: 13.752+/-0.161 χ^2/NDF : 809.4/3

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 16.287+/-0.188 χ^2/NDF :0.5/1

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 14.428+/-0.213 χ^2/NDF :289.5/1

Left: 15.474+/-0.141 χ^2/NDF : 332.8/3

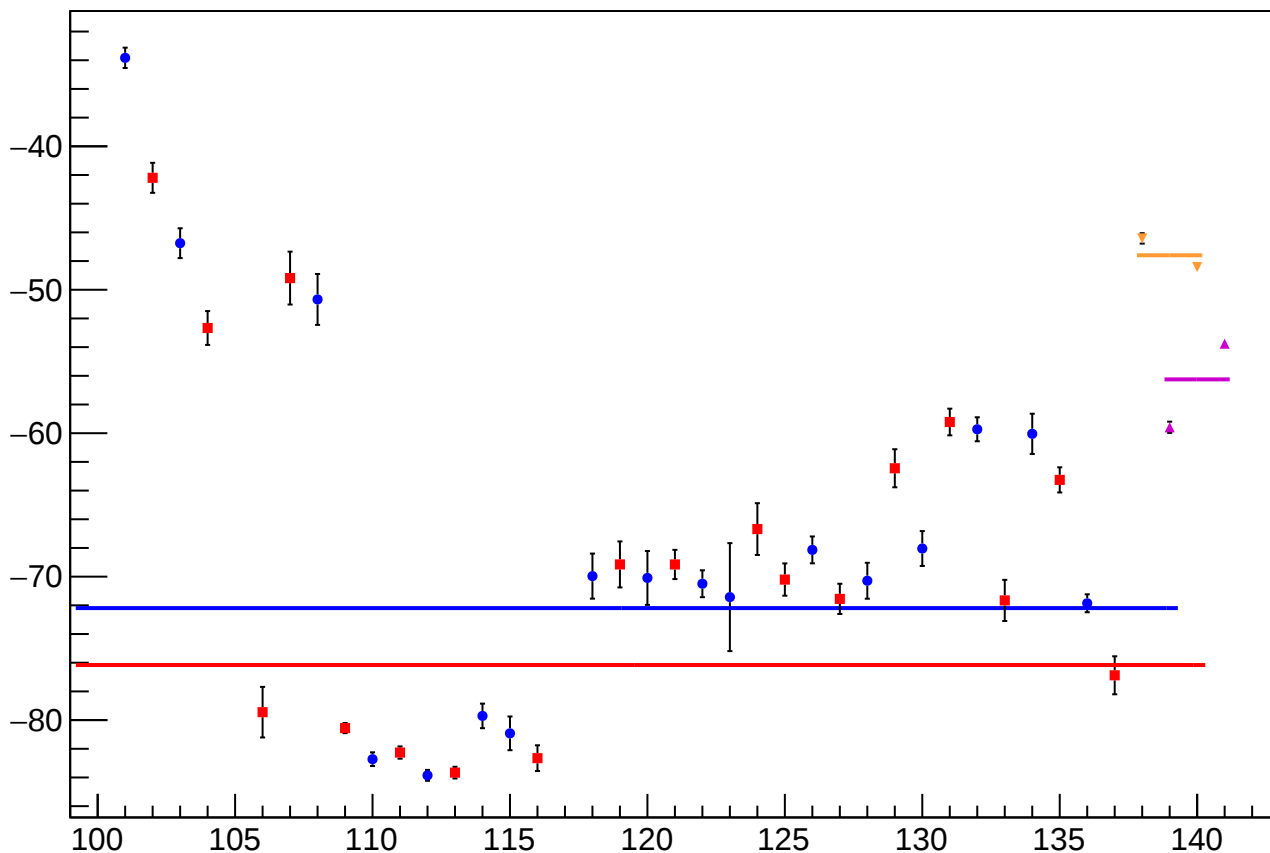
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 11.236+/-0.104 χ^2/NDF :1451.4/18

Out: 12.530+/-0.099 χ^2/NDF :1354.9/19

All: 11.915+/-0.072 χ^2/NDF : 2887.5/38

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -47.596 ± 0.233 $\chi^2/\text{NDF}: 17.9/1$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -56.247 ± 0.256 $\chi^2/\text{NDF}: 126.8/1$

Left: -51.514 ± 0.172 $\chi^2/\text{NDF}: 769.8/3$

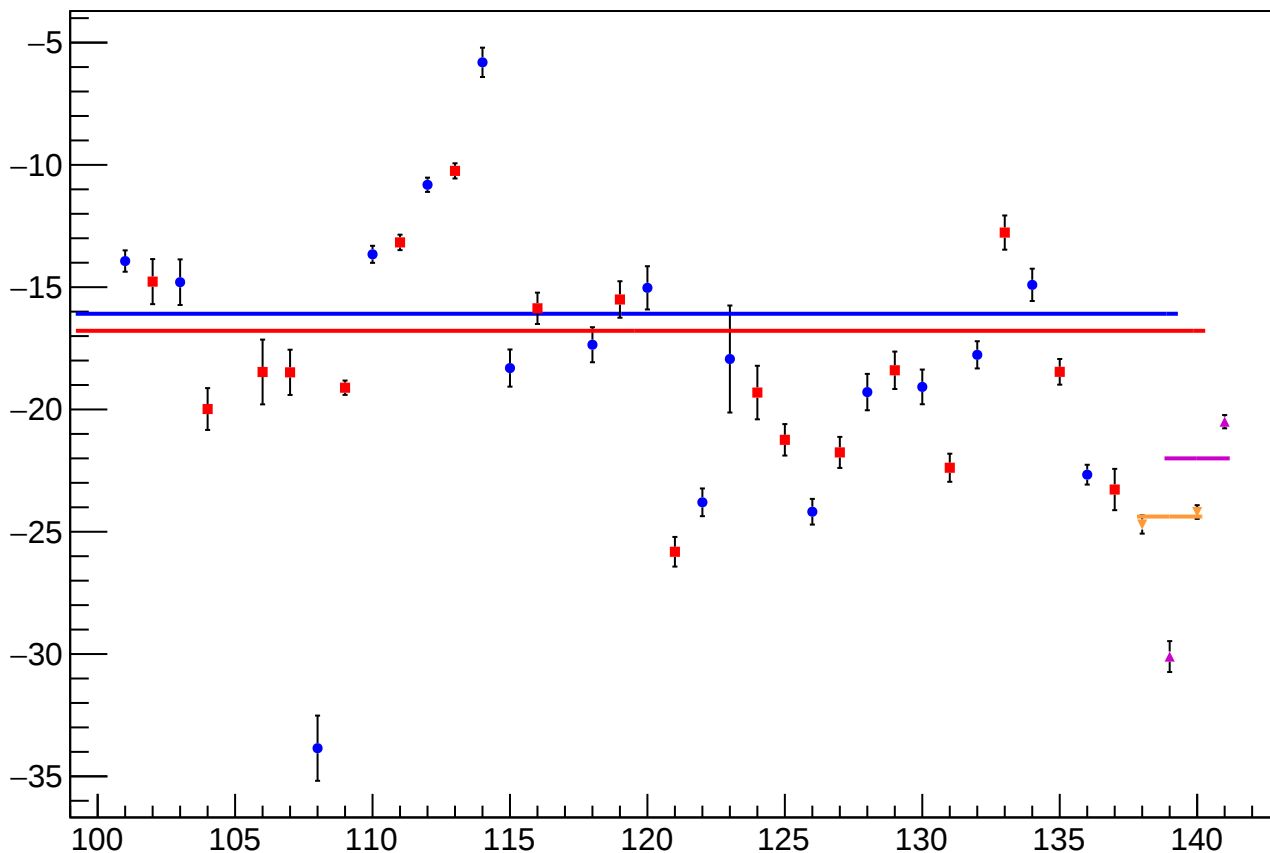
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -66.217 ± 0.157 $\chi^2/\text{NDF}: 8116.5/18$

Out: -65.386 ± 0.143 $\chi^2/\text{NDF}: 12612.4/19$

All: -65.764 ± 0.106 $\chi^2/\text{NDF}: 20744.2/38$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -24.378 ± 0.224 χ^2/NDF : 1.2/1

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -22.000 ± 0.250 χ^2/NDF : 195.0/1

Left: -23.319 ± 0.167 χ^2/NDF : 246.5/3

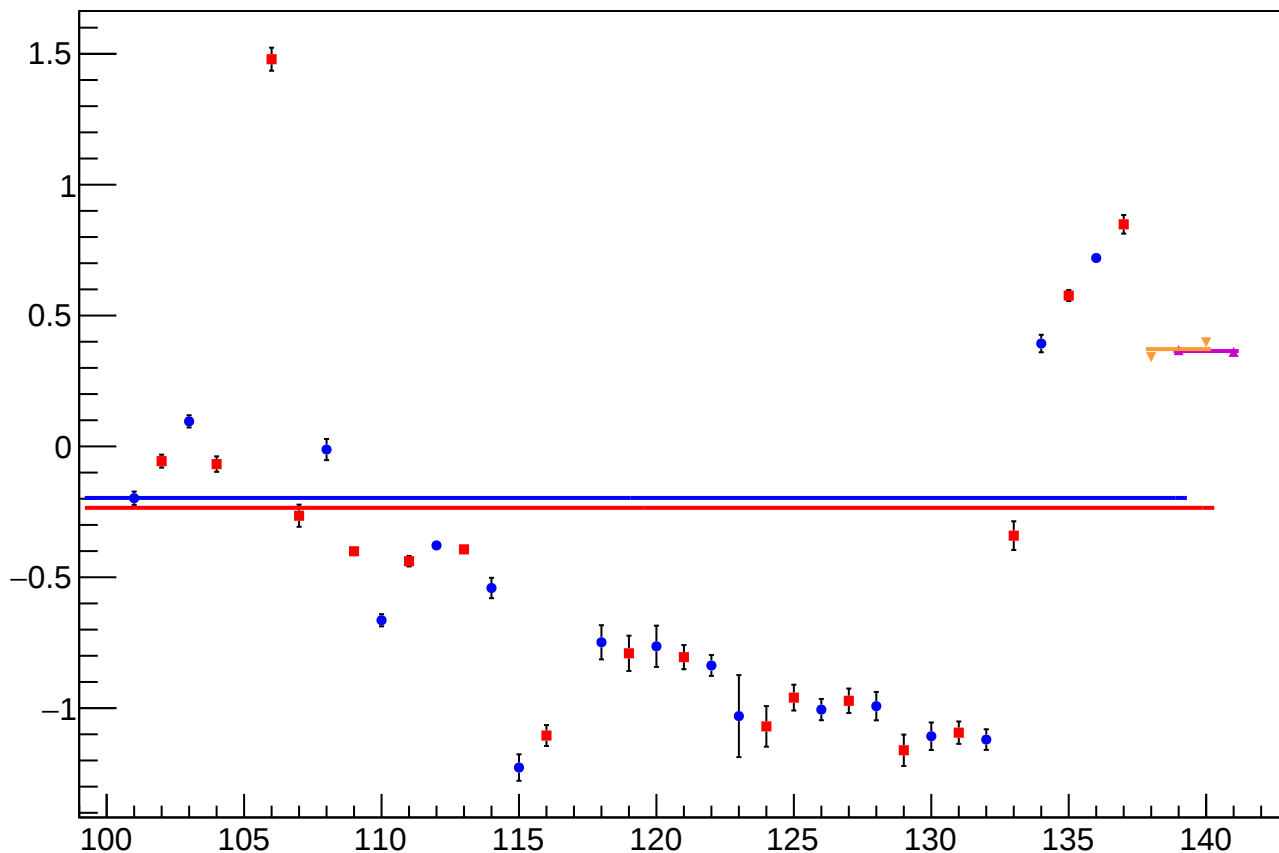
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.384 ± 0.117 χ^2/NDF : 2254.3/18

Out: -18.661 ± 0.111 χ^2/NDF : 2072.7/19

All: -18.055 ± 0.081 χ^2/NDF : 4389.5/38

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.372 ± 0.010 χ^2/NDF : 8.3/1

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.365 ± 0.010 χ^2/NDF : 0.1/1

Left: 0.368 ± 0.007 χ^2/NDF : 8.7/3

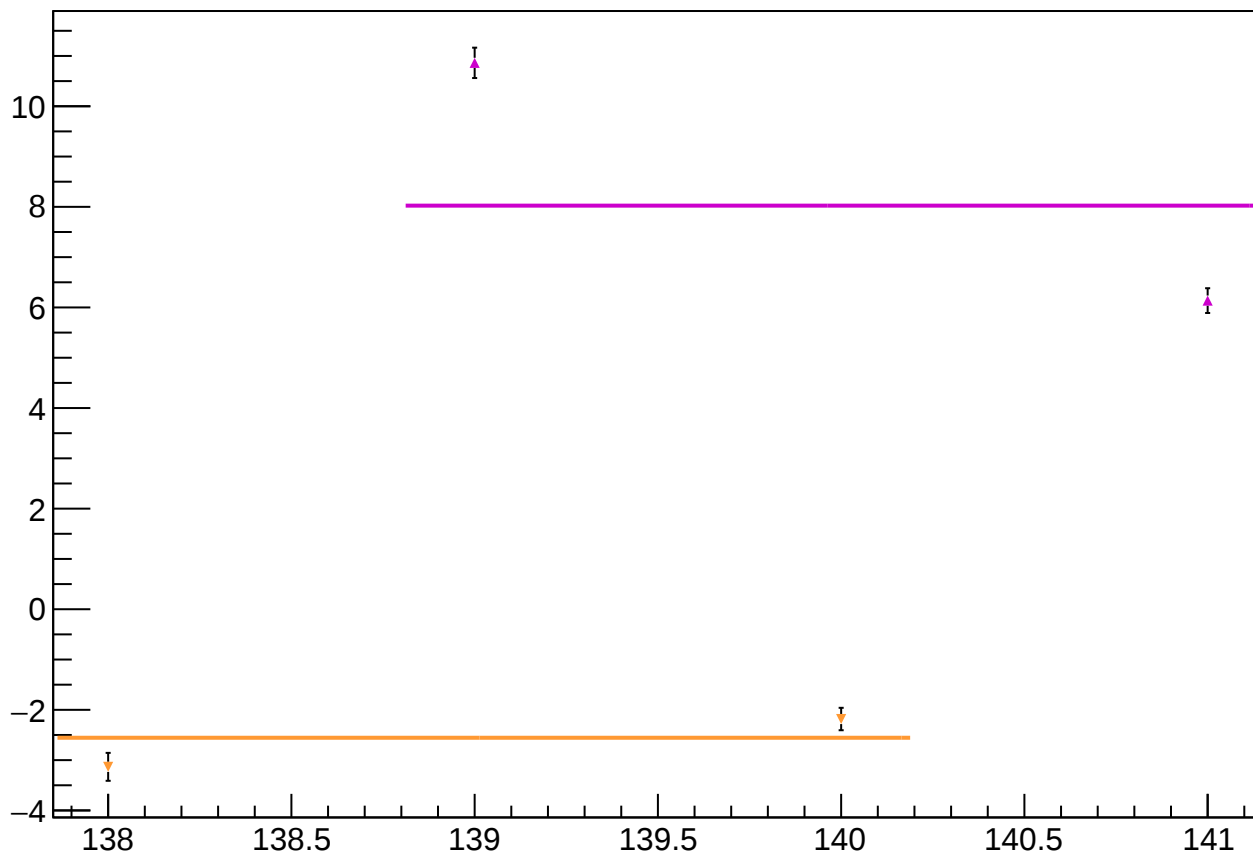
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.014 ± 0.006 χ^2/NDF : 8410.2/18

Out: -0.021 ± 0.006 χ^2/NDF : 8716.6/19

All: -0.004 ± 0.004 χ^2/NDF : 17145.2/38

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.555+/-0.174 χ^2/NDF : 7.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Left: 2.240+/-0.128 χ^2/NDF : 1835.8/3

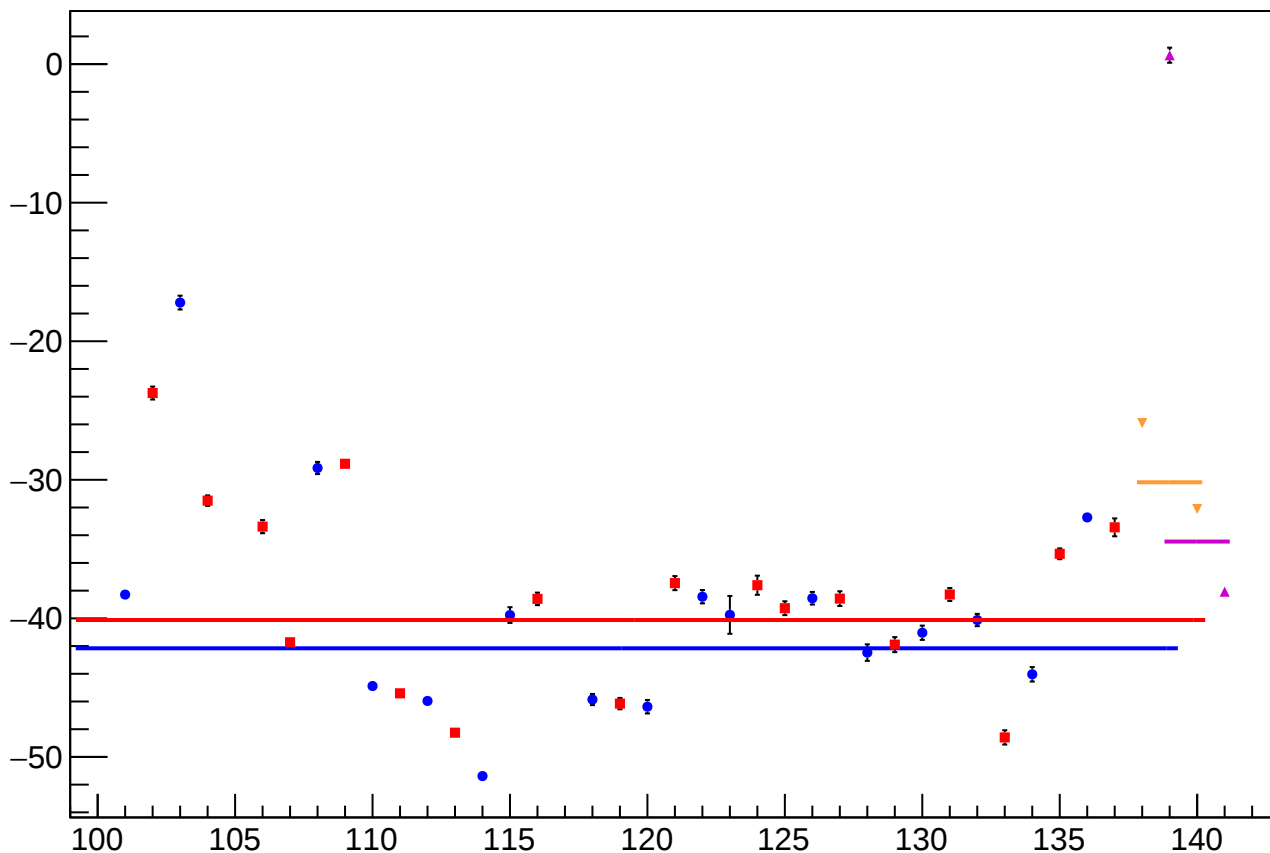
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Out: -2.555+/-0.174 χ^2/NDF : 7.1/1

All: 2.240+/-0.128 χ^2/NDF : 1835.8/3

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -30.178 ± 0.150 $\chi^2/\text{NDF}: 365.5/1$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -34.458 ± 0.166 $\chi^2/\text{NDF}: 4581.9/1$

Left: -32.099 ± 0.112 $\chi^2/\text{NDF}: 5311.7/3$

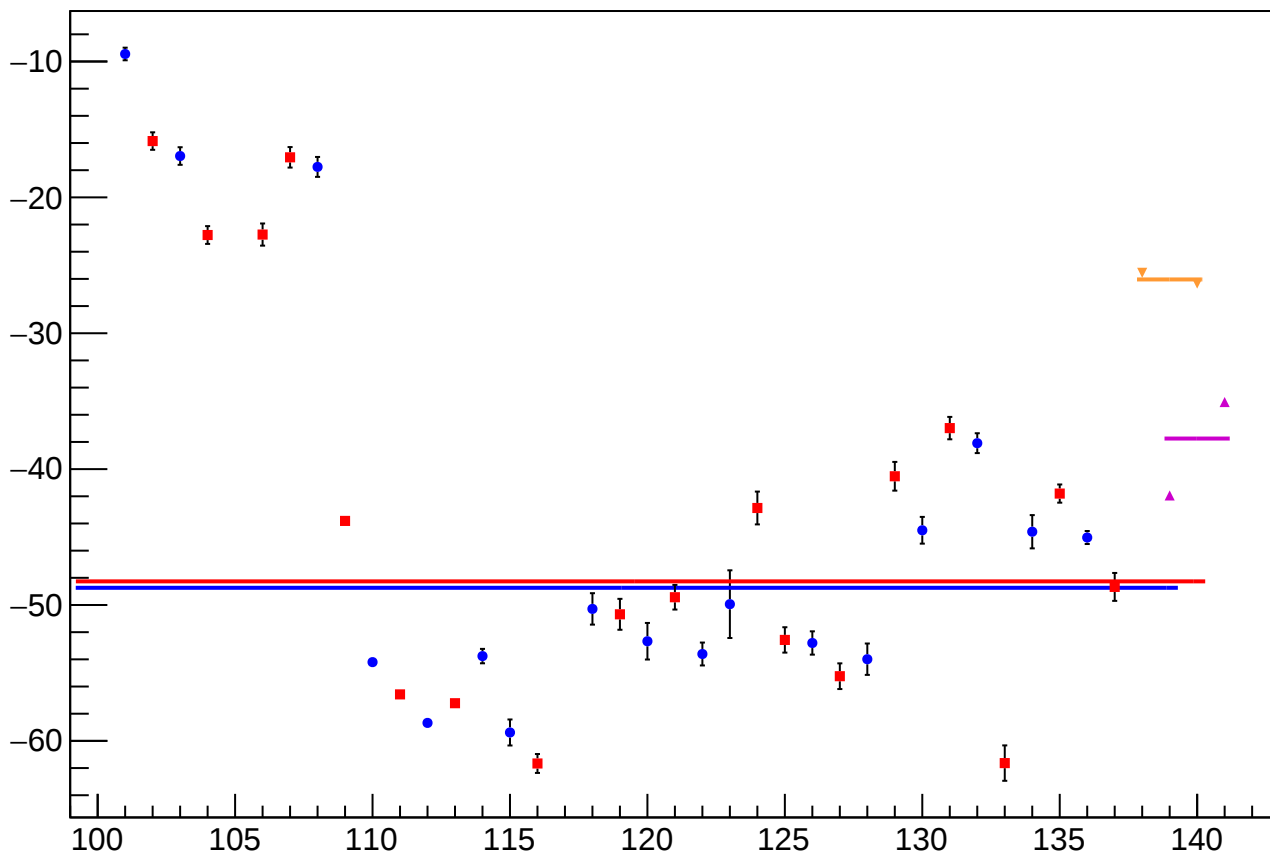
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.775 ± 0.071 $\chi^2/\text{NDF}: 12909.2/18$

Out: -38.227 ± 0.066 $\chi^2/\text{NDF}: 14796.3/19$

All: -39.407 ± 0.048 $\chi^2/\text{NDF}: 28405.8/38$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -26.041+/-0.186 χ^2/NDF : 4.3/1

Right Out: -48.261+/-0.107 χ^2/NDF : 11091.7/17

Left In: -37.749+/-0.204 χ^2/NDF : 269.5/1

Left: -31.354+/-0.138 χ^2/NDF : 2067.5/3

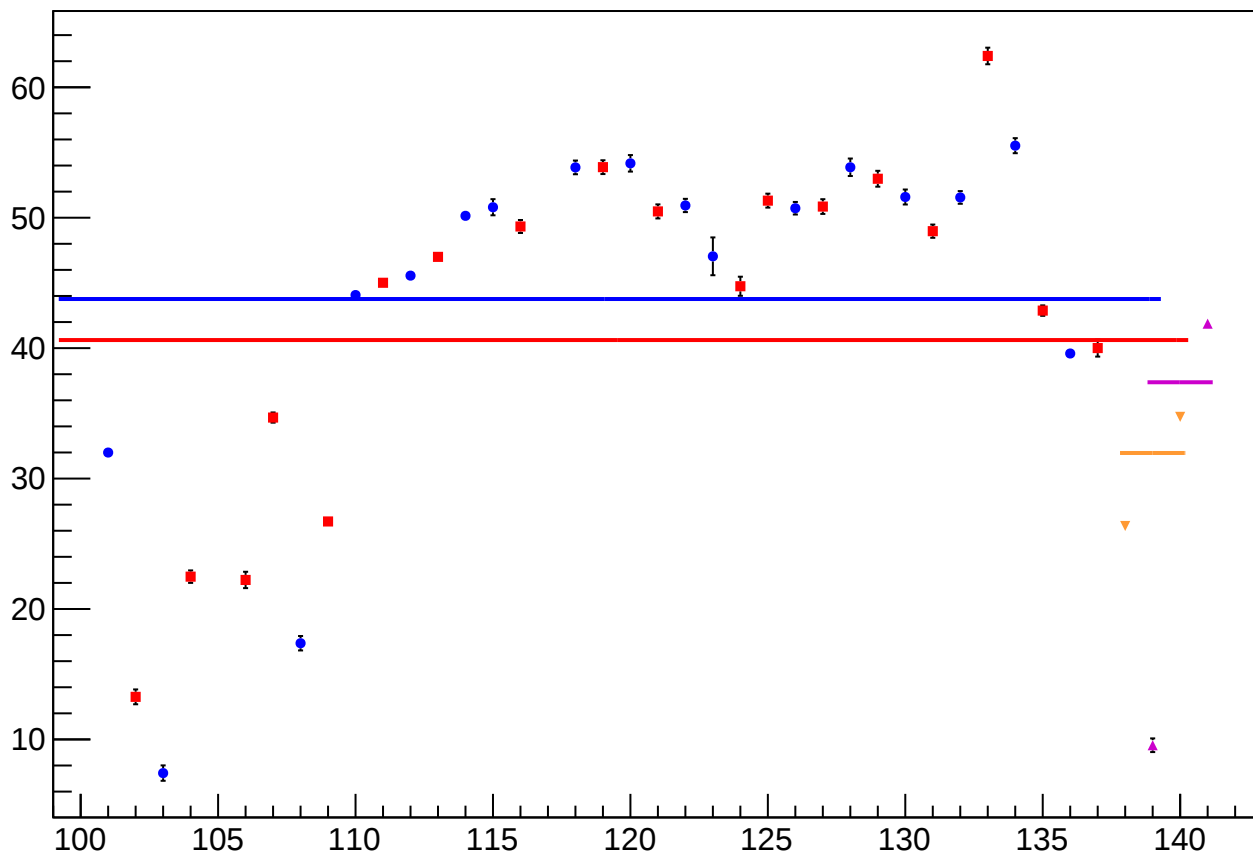
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -45.753+/-0.106 χ^2/NDF : 17034.7/18

Out: -42.712+/-0.093 χ^2/NDF : 21776.6/19

All: -44.030+/-0.070 χ^2/NDF : 39273.8/38

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: 31.962 $\pm$ 0.179 χ^2 /NDF: 484.9/1

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 37.384 $\pm$ 0.195 χ^2 /NDF: 3272.3/1

Left: 34.432 $\pm$ 0.132 χ^2 /NDF: 4176.2/3

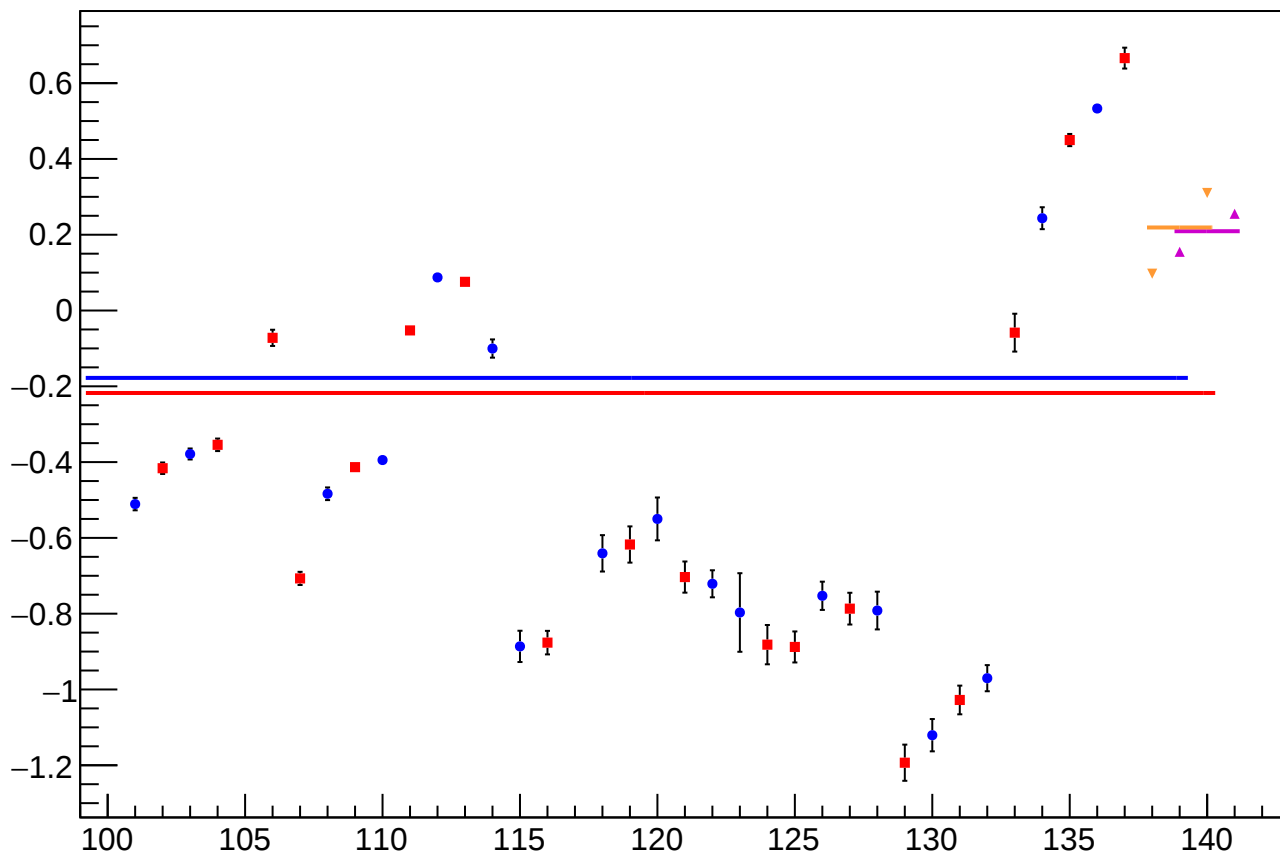
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.715 $\pm$ 0.079 χ^2 /NDF: 14796.5/18

Out: 39.169 $\pm$ 0.073 χ^2 /NDF: 19393.6/19

All: 40.800 $\pm$ 0.054 χ^2 /NDF: 35269.2/38

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.219 ± 0.008 χ^2/NDF : 181.9/1

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.209 ± 0.008 χ^2/NDF : 41.3/1

Left: 0.214 ± 0.006 χ^2/NDF : 224.0/3

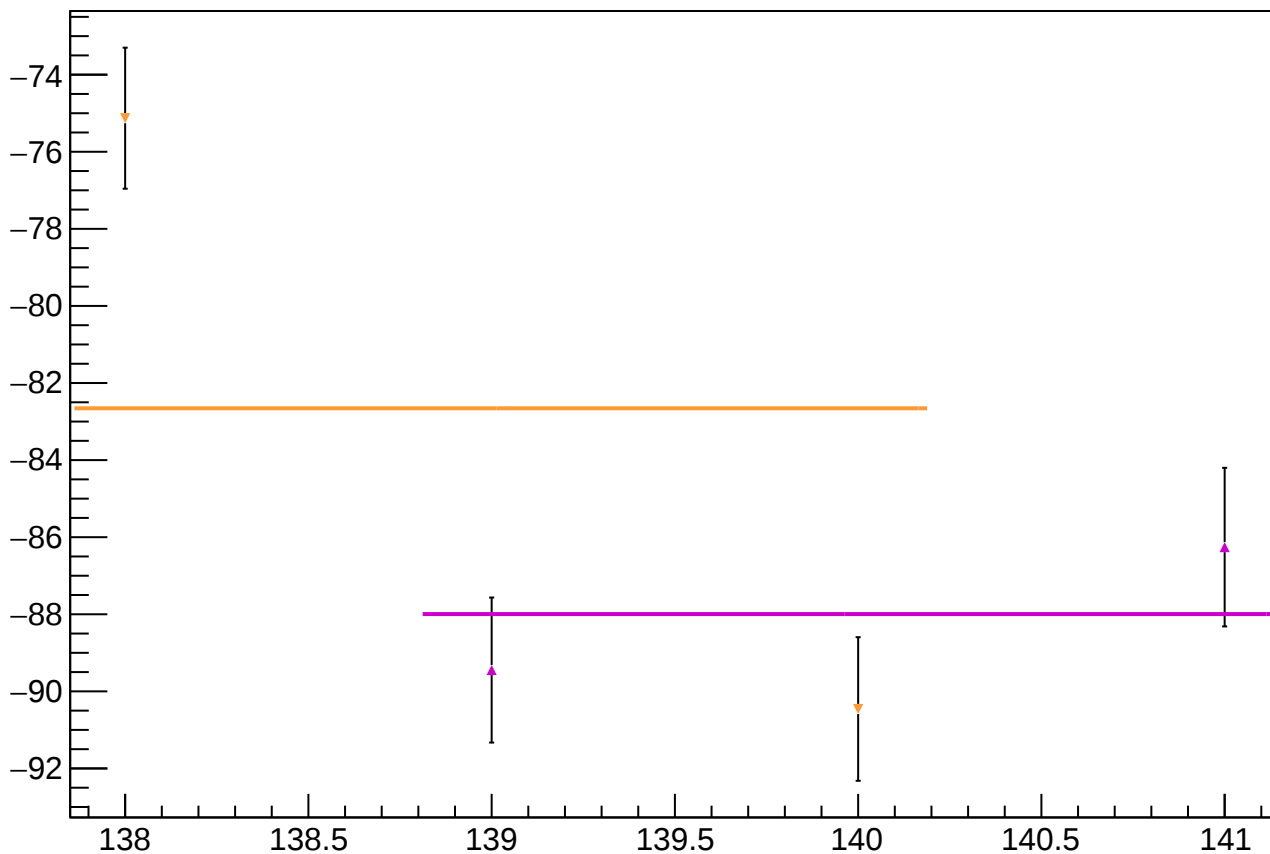
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: -0.070 ± 0.004 χ^2/NDF : 9190.5/18

Out: -0.116 ± 0.004 χ^2/NDF : 10032.2/19

All: -0.095 ± 0.003 χ^2/NDF : 19290.4/38

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -82.656+/-1.305 χ^2/NDF :34.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.995+/-1.388 χ^2/NDF :1.3/1

Left: -85.161+/-0.951 χ^2/NDF : 43.6/3

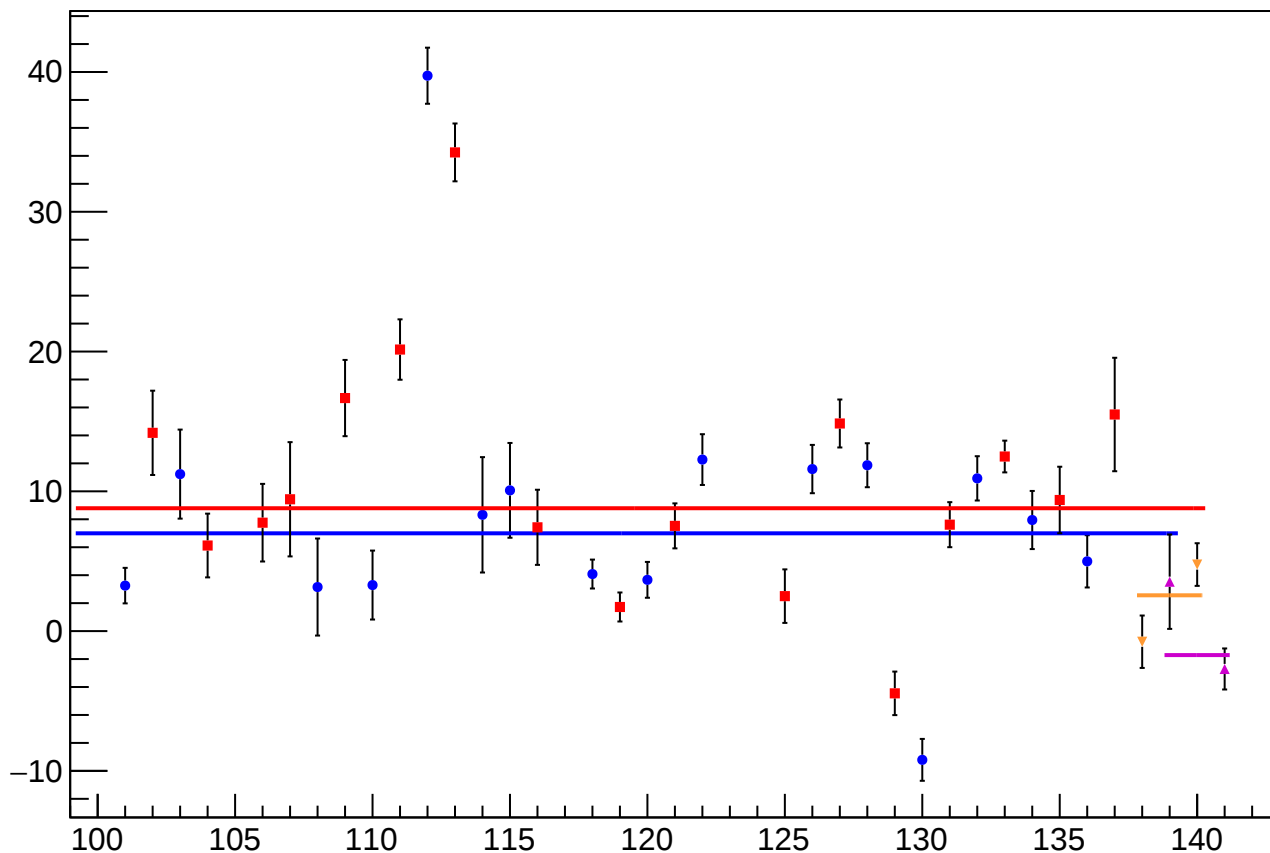
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.995+/-1.388 χ^2/NDF :1.3/1

Out: -82.656+/-1.305 χ^2/NDF :34.5/1

All: -85.161+/-0.951 χ^2/NDF : 43.6/3

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: 2.561 $\pm$ 1.183 χ^2 /NDF: 5.2/1

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: -1.716 $\pm$ 1.346 χ^2 /NDF: 2.9/1

Left: 0.697 $\pm$ 0.889 χ^2 /NDF: 13.8/3

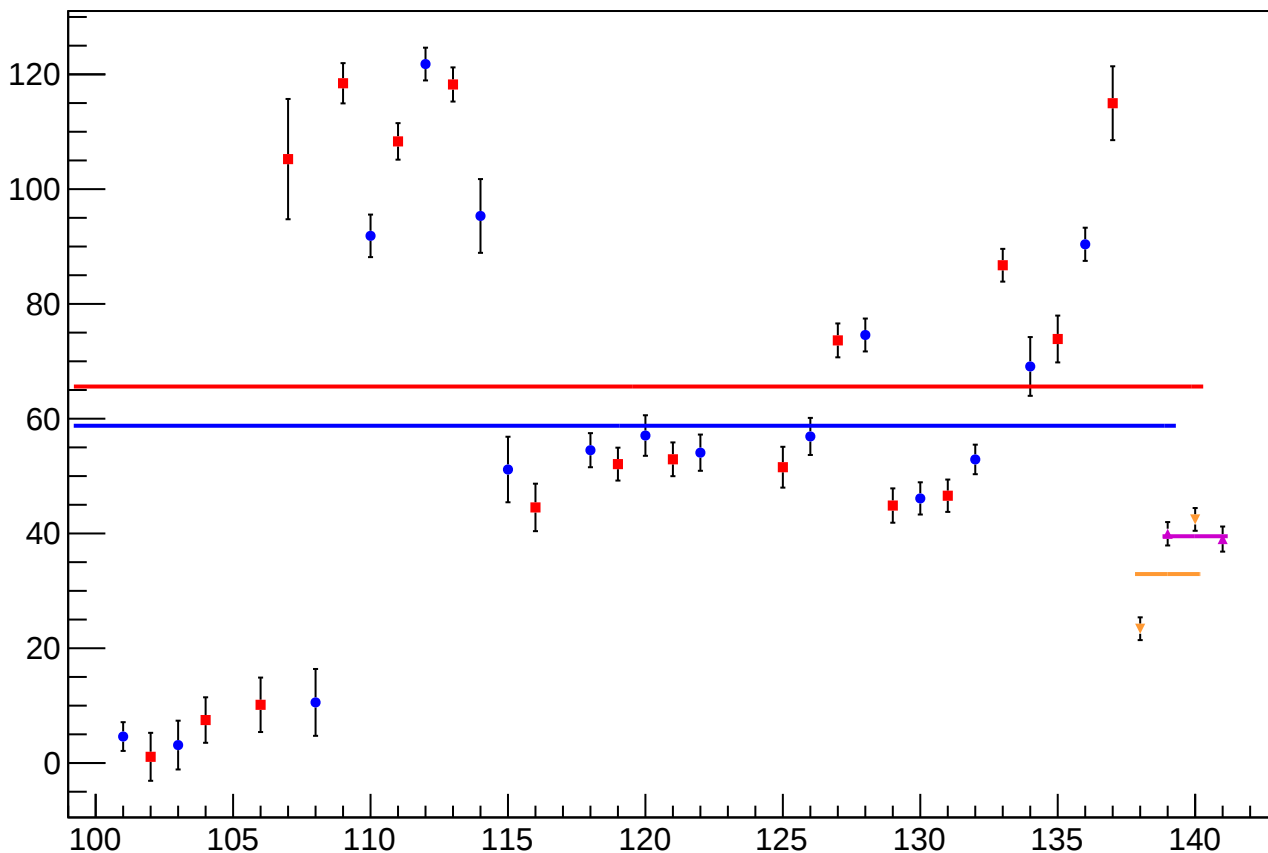
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 6.175 $\pm$ 0.413 χ^2 /NDF: 486.1/17

Out: 8.005 $\pm$ 0.420 χ^2 /NDF: 378.3/18

All: 7.075 $\pm$ 0.295 χ^2 /NDF: 874.1/36

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: 32.930 $\pm$ 1.403 χ^2 /NDF:46.1/1

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 39.519 $\pm$ 1.491 χ^2 /NDF:0.1/1

Left: 36.023 $\pm$ 1.022 χ^2 /NDF: 56.5/3

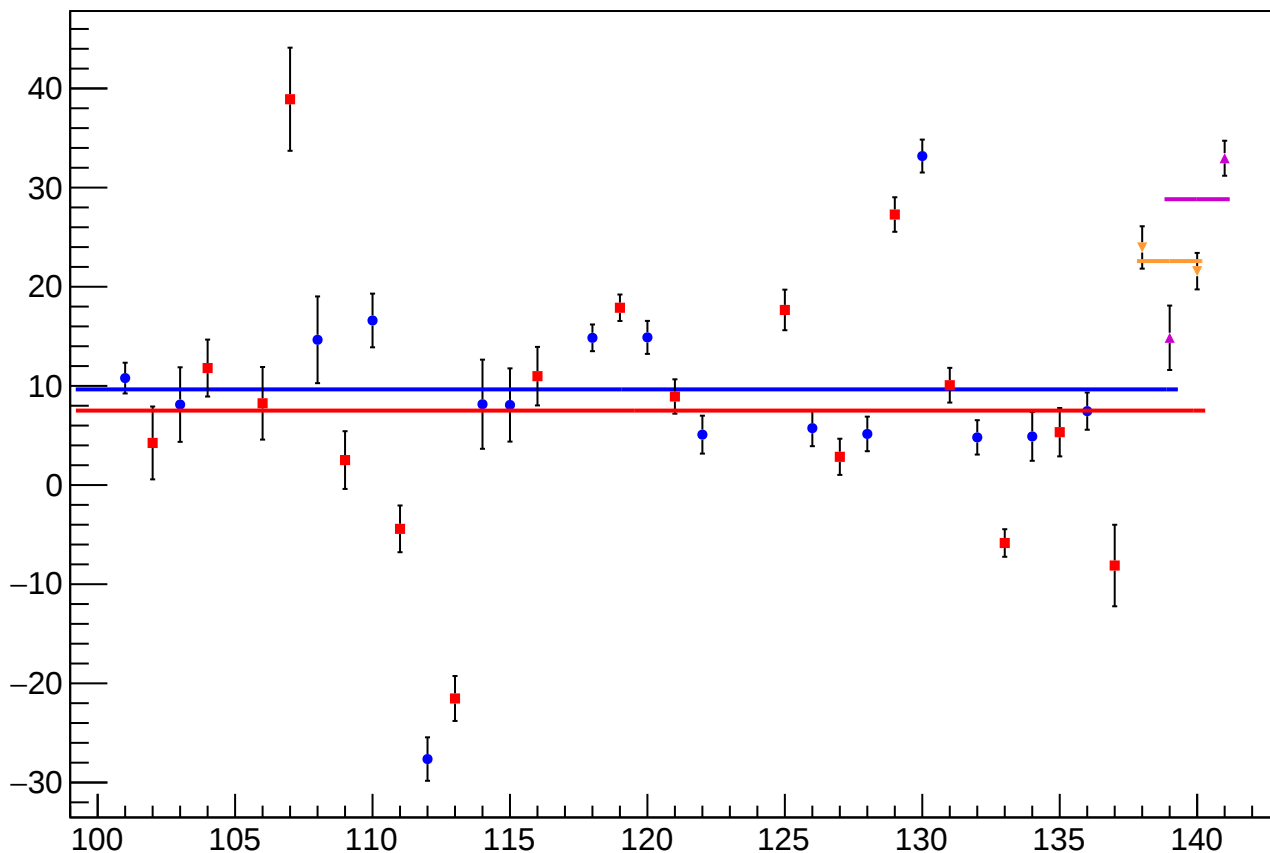
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 54.194 $\pm$ 0.727 χ^2 /NDF:1620.4/17

Out: 56.911 $\pm$ 0.724 χ^2 /NDF:2069.6/18

All: 55.559 $\pm$ 0.513 χ^2 /NDF: 3697.1/36

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 22.590 $\pm$ 1.394 χ^2 /NDF:0.7/1

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 28.829 $\pm$ 1.552 χ^2 /NDF:24.0/1

Left: 25.377 $\pm$ 1.037 χ^2 /NDF: 33.7/3

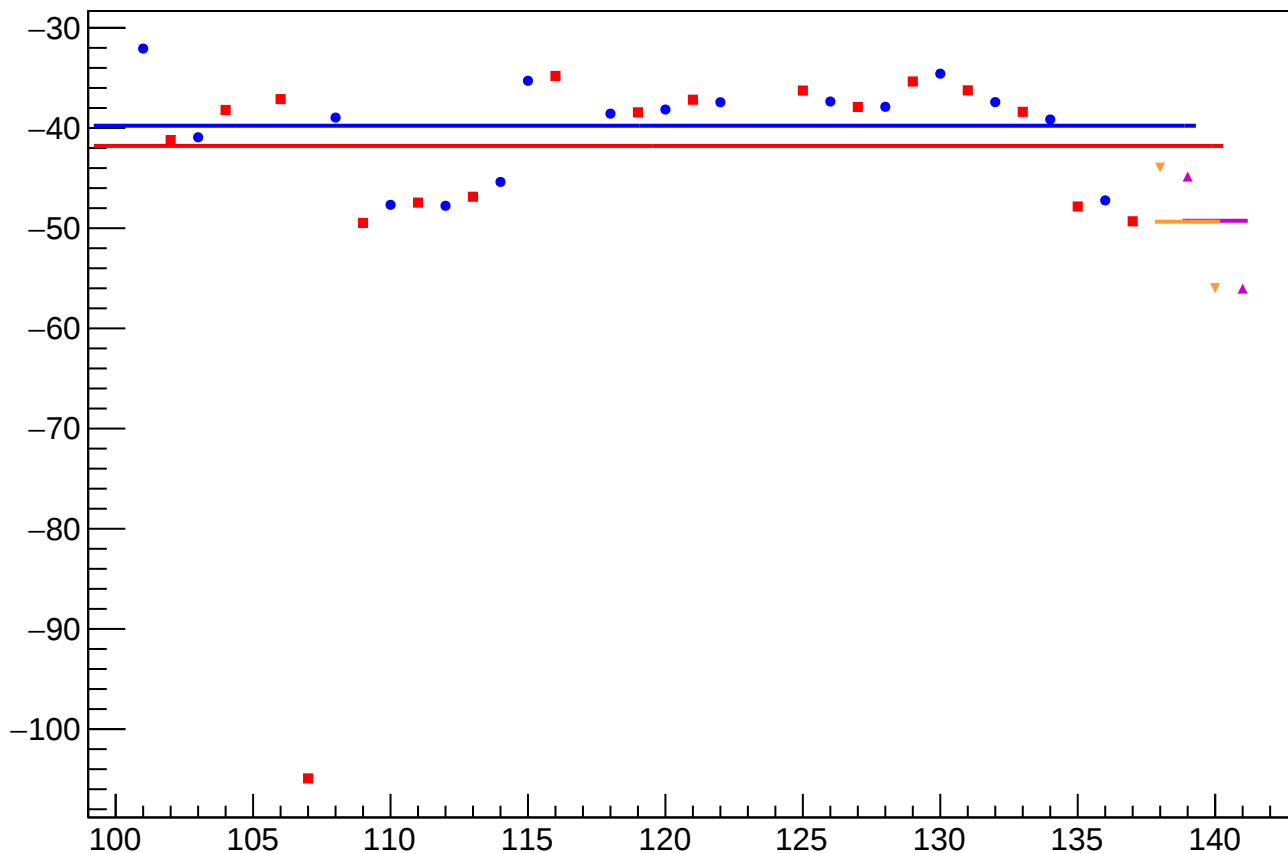
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 11.466 $\pm$ 0.478 χ^2 /NDF:715.9/17

Out: 9.330 $\pm$ 0.484 χ^2 /NDF:667.9/18

All: 10.413 $\pm$ 0.340 χ^2 /NDF: 1393.6/36

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -49.350 ± 0.058 χ^2/NDF : 10634.7/1

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -49.258 ± 0.056 χ^2/NDF : 9676.5/1

Left: -49.302 ± 0.040 χ^2/NDF : 20312.6/3

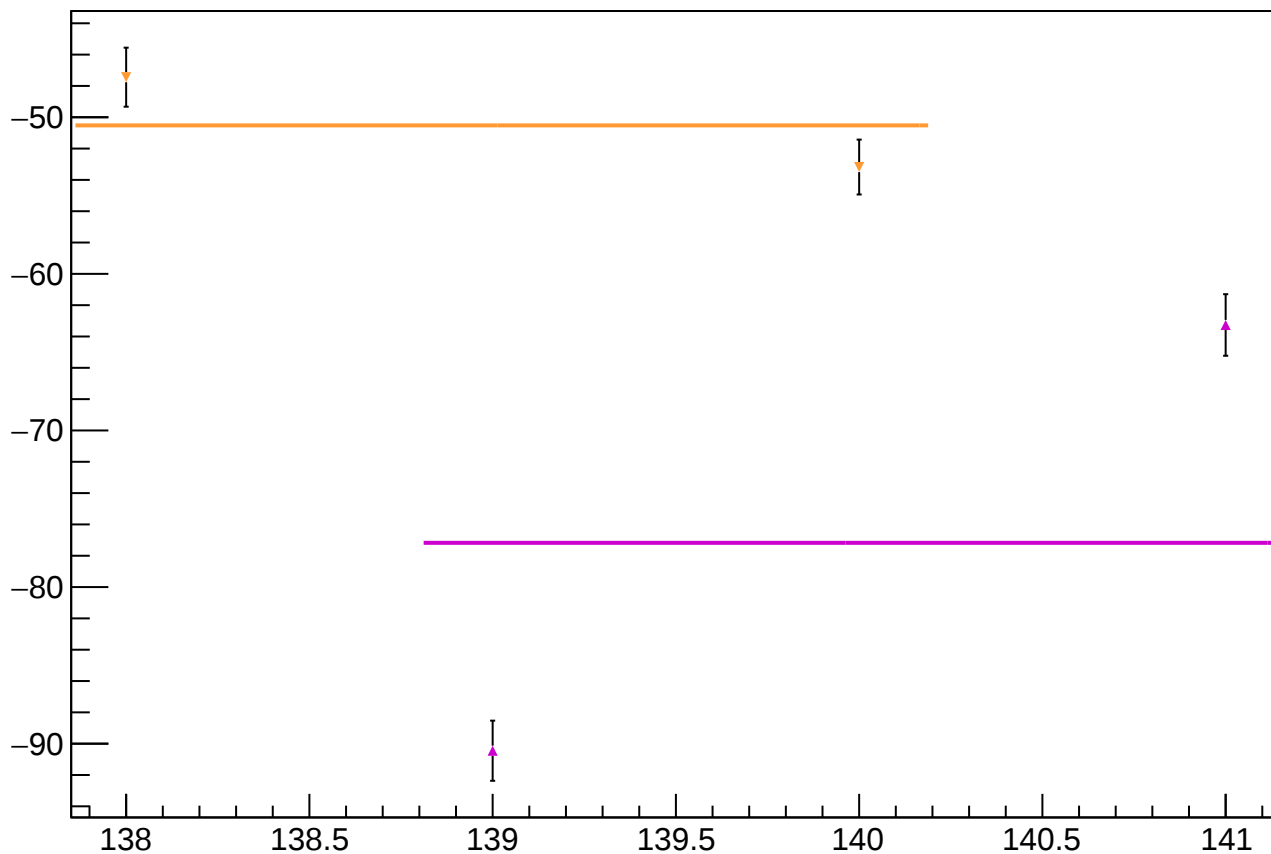
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -42.034 ± 0.027 χ^2/NDF : 58040.4/17

Out: -43.502 ± 0.028 χ^2/NDF : 116795.1/18

All: -42.755 ± 0.019 χ^2/NDF : 176273.1/36

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.520+/-1.283 χ^2/NDF : 5.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -77.175+/-1.374 χ^2/NDF : 97.9/1

Left: -62.943+/-0.938 χ^2/NDF : 303.9/3

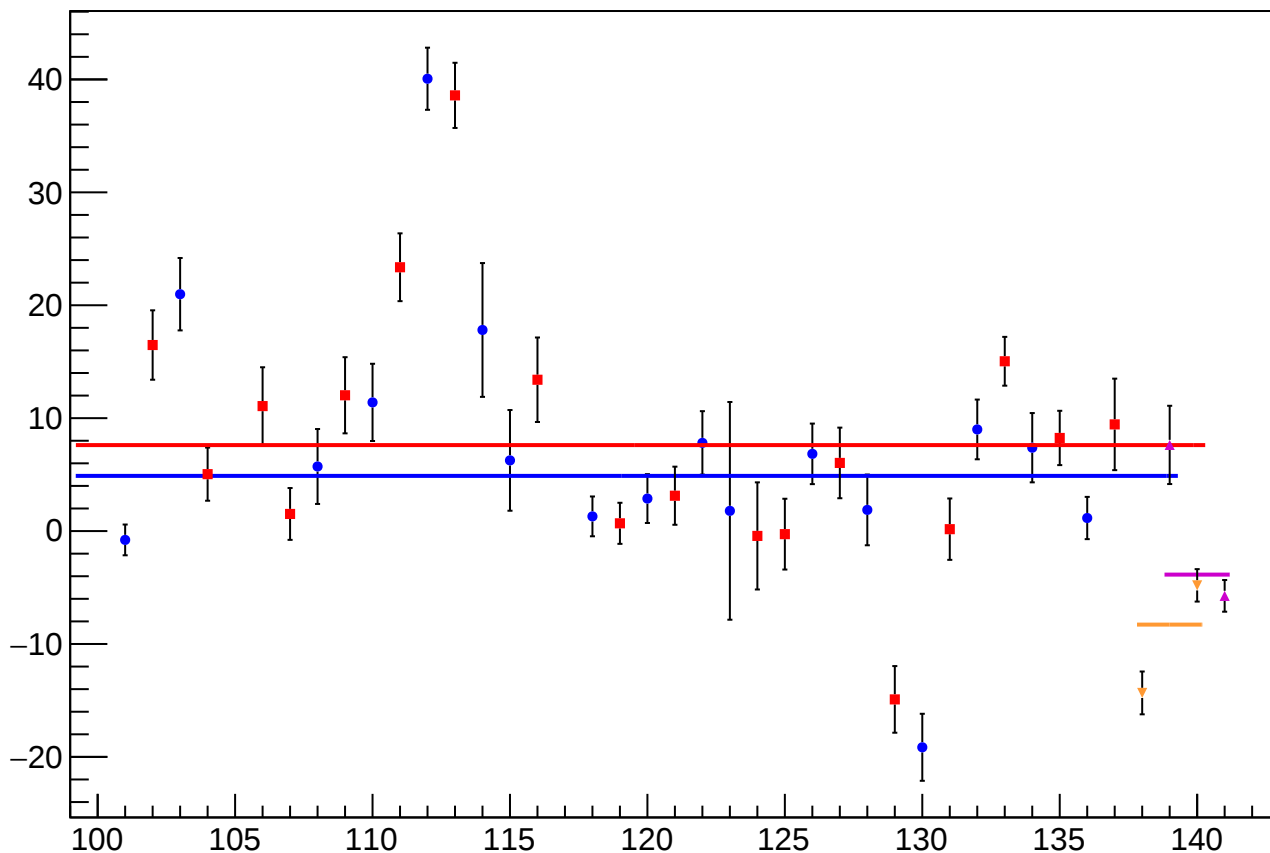
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.175+/-1.374 χ^2/NDF : 97.9/1

Out: -50.520+/-1.283 χ^2/NDF : 5.0/1

All: -62.943+/-0.938 χ^2/NDF : 303.9/3

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: -8.284 ± 1.145 χ^2/NDF : 16.0/1

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: -3.856 ± 1.301 χ^2/NDF : 12.8/1

Left: -6.350 ± 0.860 χ^2/NDF : 35.3/3

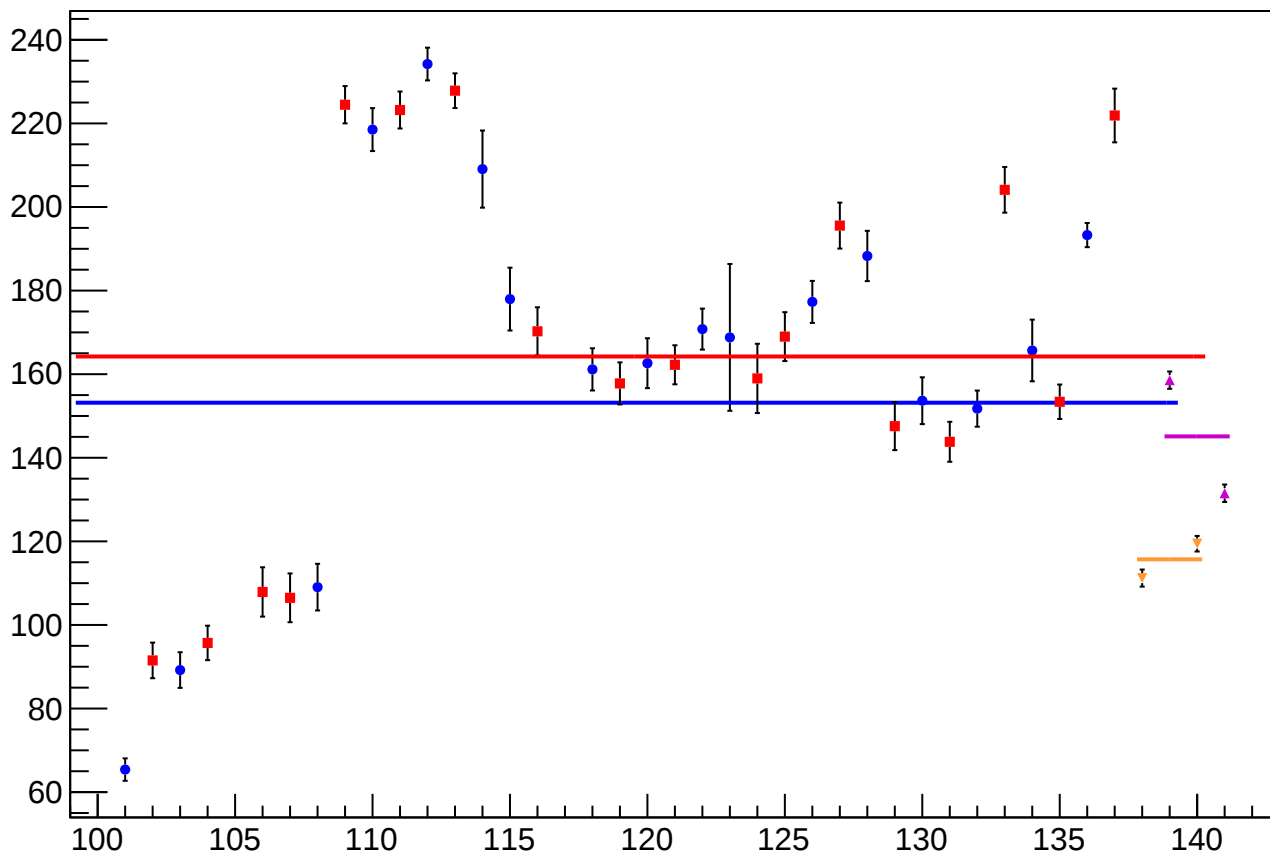
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.261 ± 0.561 χ^2/NDF : 344.3/18

Out: 3.722 ± 0.567 χ^2/NDF : 430.7/19

All: 3.489 ± 0.399 χ^2/NDF : 775.3/38

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 115.701 $\pm$ 1.378 χ^2 /NDF:8.8/1

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 145.116 $\pm$ 1.474 χ^2 /NDF:84.3/1

Left: 129.421 $\pm$ 1.006 χ^2 /NDF: 305.7/3

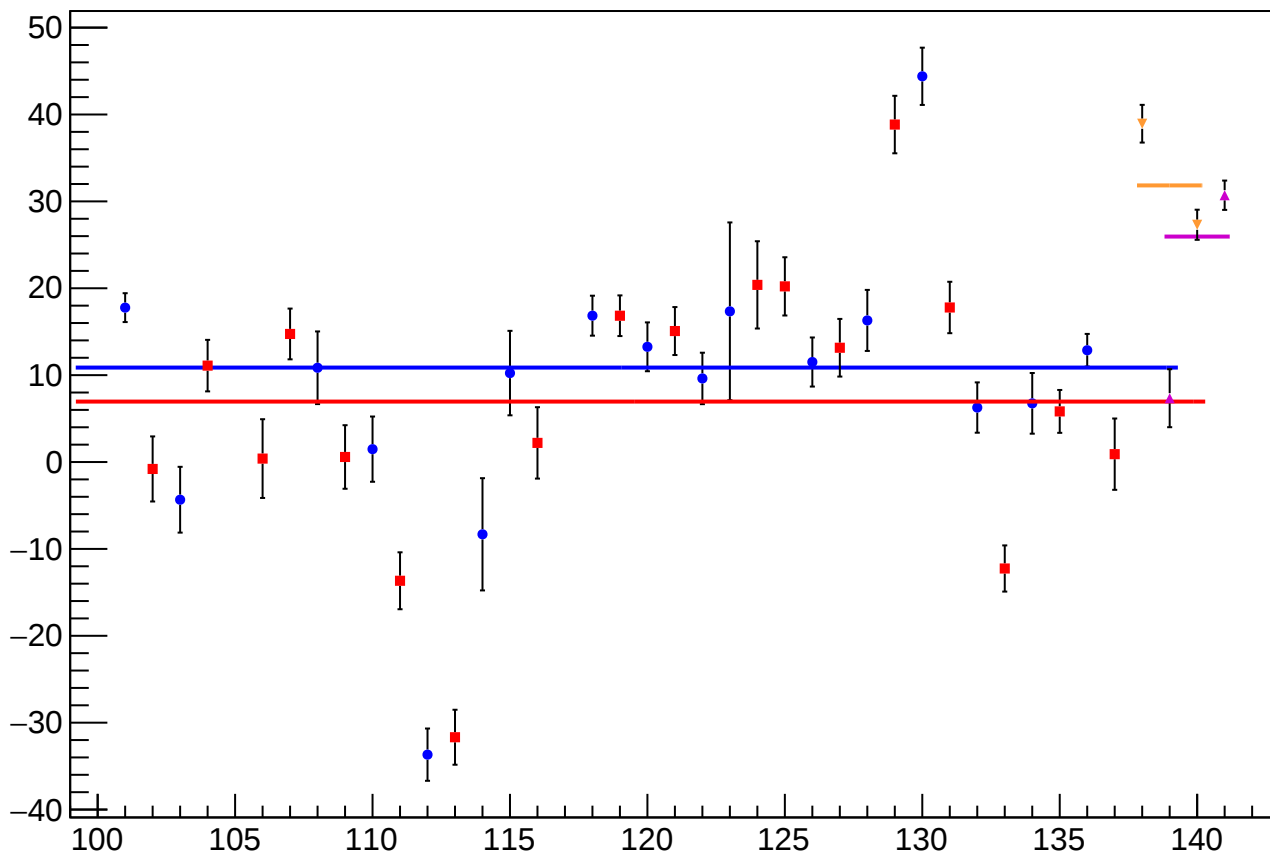
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 150.136 $\pm$ 0.905 χ^2 /NDF:2367.2/18

Out: 143.634 $\pm$ 0.898 χ^2 /NDF:2277.7/19

All: 146.859 $\pm$ 0.637 χ^2 /NDF: 4670.9/38

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: 31.838 $\pm$ 1.355 χ^2 /NDF:17.5/1

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 25.950 $\pm$ 1.506 χ^2 /NDF:39.0/1

Left: 29.205 $\pm$ 1.007 χ^2 /NDF: 65.0/3

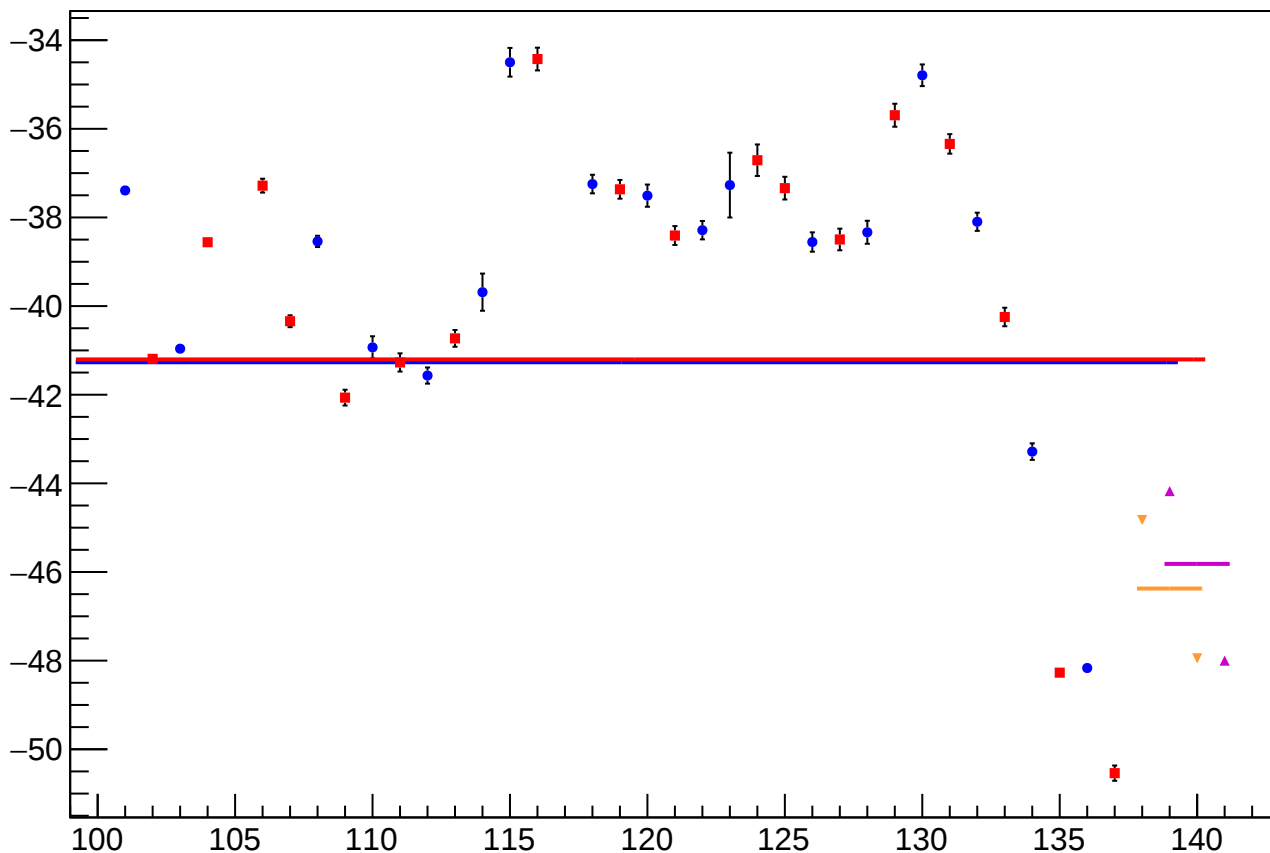
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 13.642 $\pm$ 0.646 χ^2 /NDF:507.6/18

Out: 12.785 $\pm$ 0.656 χ^2 /NDF:698.1/19

All: 13.220 $\pm$ 0.460 χ^2 /NDF: 1206.6/38

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -46.373 $\pm$ 0.057 χ^2 /NDF: 739.9/1

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -45.817 $\pm$ 0.055 χ^2 /NDF: 1168.9/1

Left: -46.086 $\pm$ 0.040 χ^2 /NDF: 1957.5/3

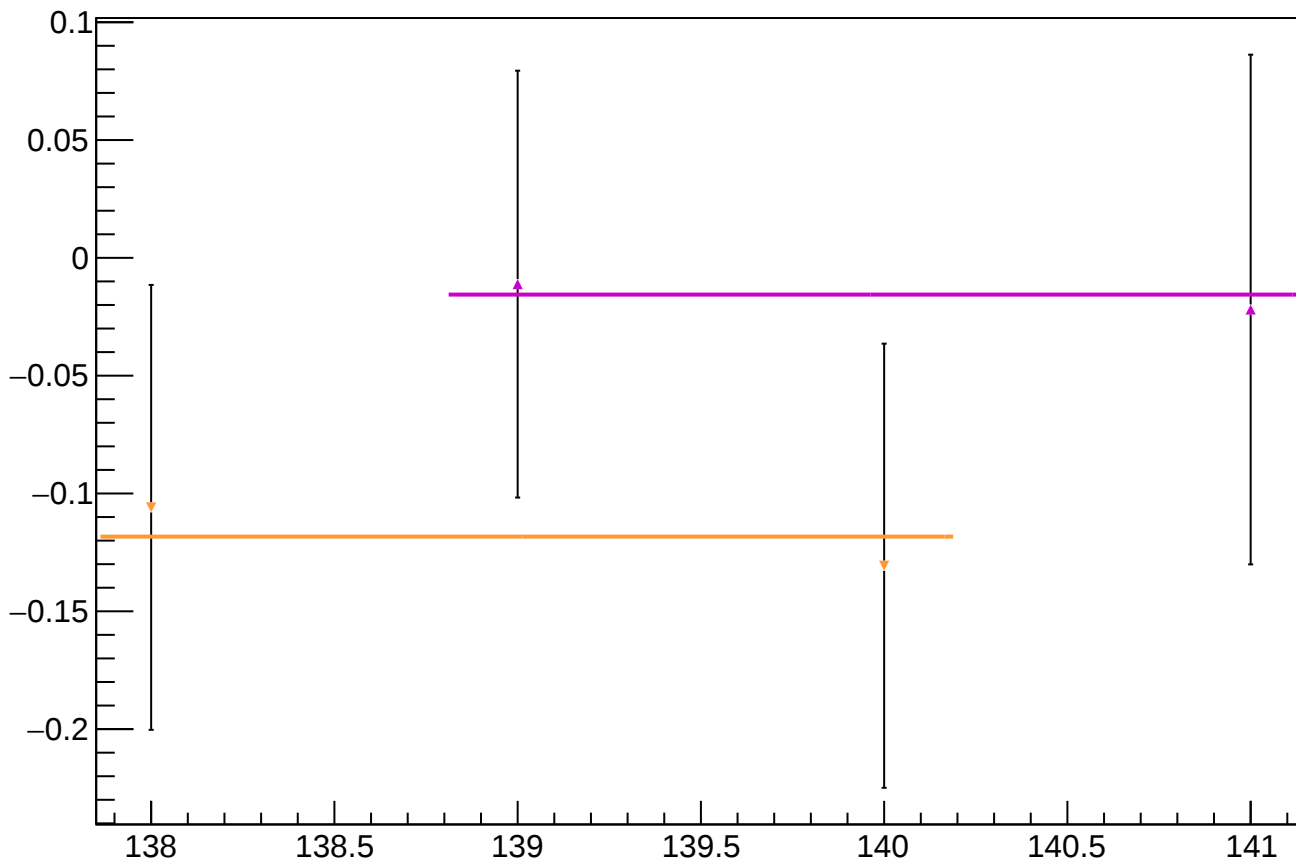
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -42.751 $\pm$ 0.032 χ^2 /NDF: 18299.2/18

Out: -42.829 $\pm$ 0.032 χ^2 /NDF: 18317.0/19

All: -42.789 $\pm$ 0.023 χ^2 /NDF: 36619.2/38

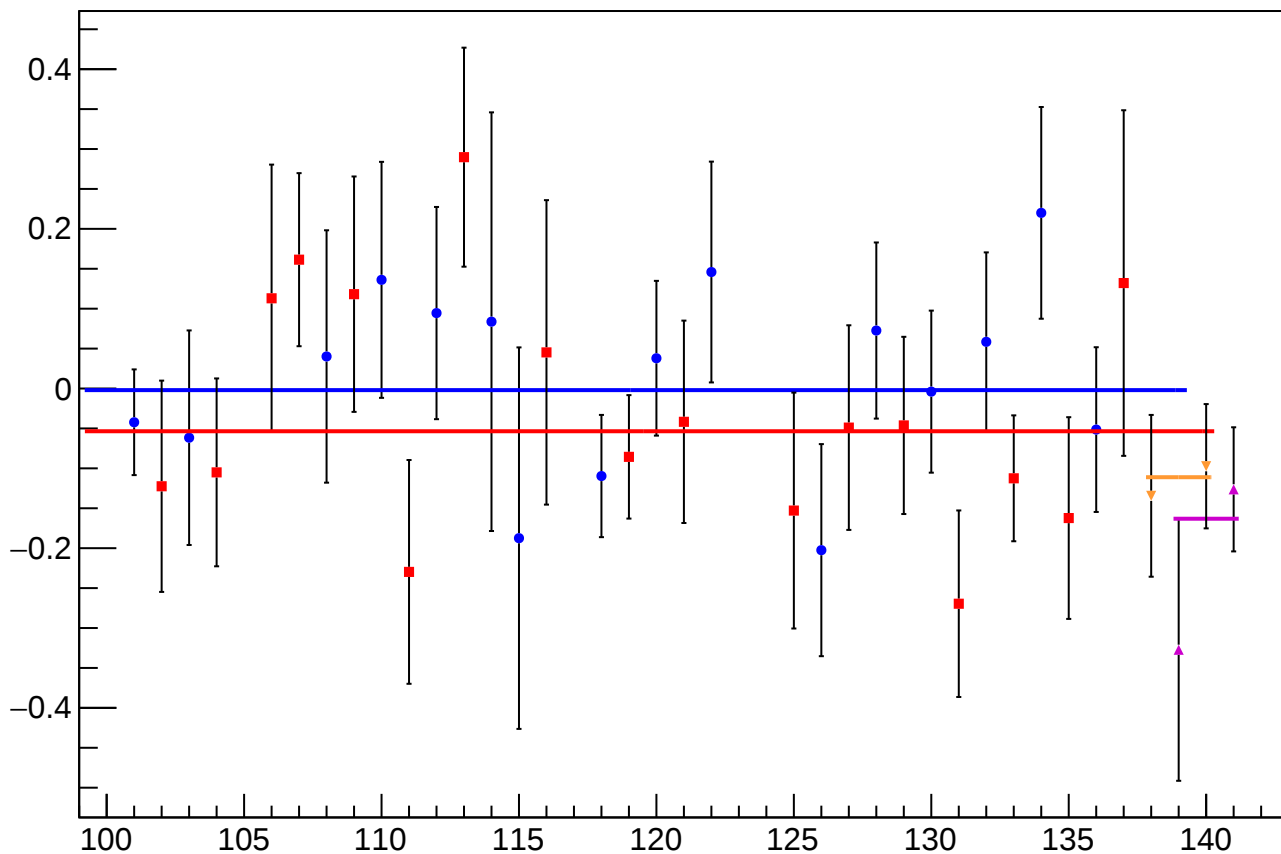
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.118 +/- 0.067 χ^2 /NDF: 0.0/1
 Right Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.016 +/- 0.069 χ^2 /NDF: 0.0/1

Left: -0.069 +/- 0.048 χ^2 /NDF: 1.2/3
 Right: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 In: -0.016 +/- 0.069 χ^2 /NDF: 0.0/1
 Out: -0.118 +/- 0.067 χ^2 /NDF: 0.0/1
 All: -0.069 +/- 0.048 χ^2 /NDF: 1.2/3

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.111 ± 0.062 χ^2/NDF : 0.1/1

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.163 ± 0.070 χ^2/NDF : 1.2/1

Left: -0.134 ± 0.046 χ^2/NDF : 1.6/3

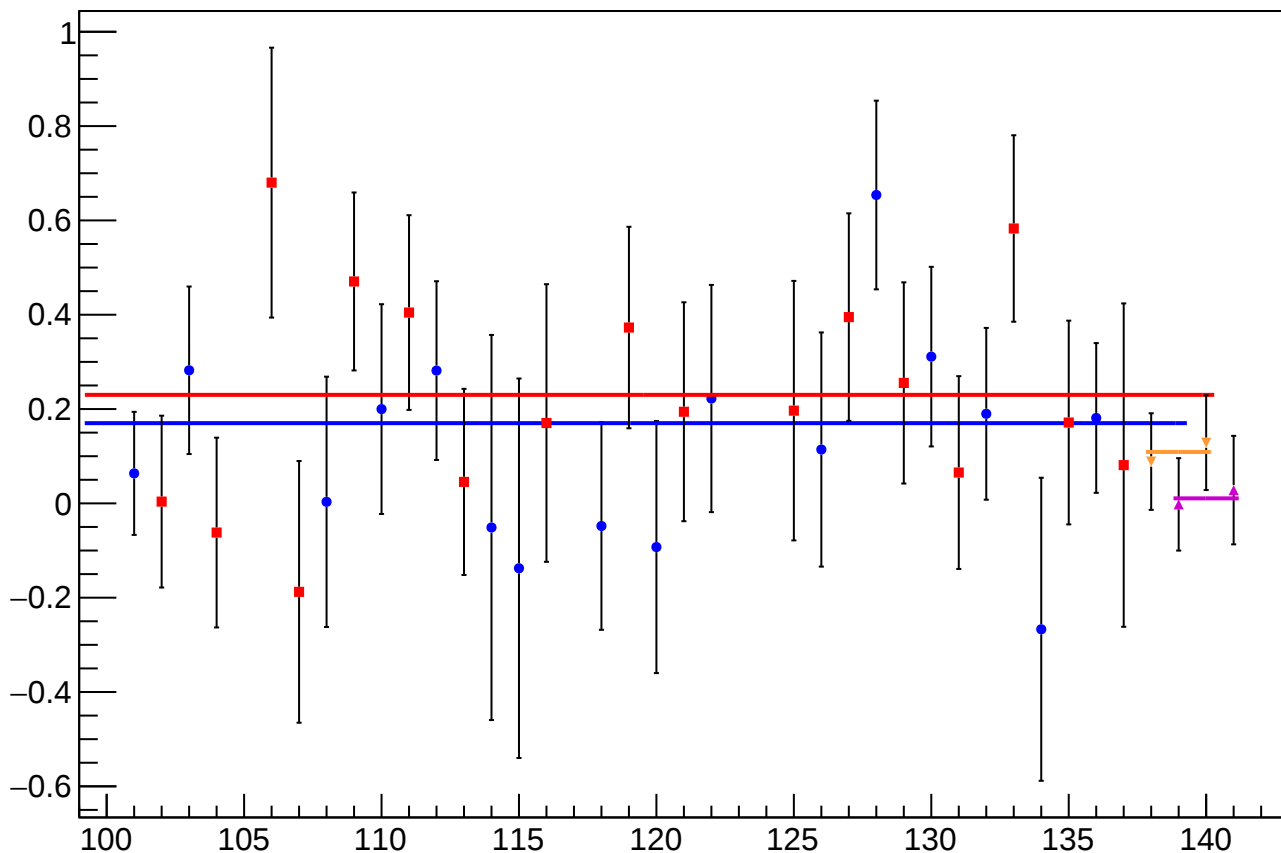
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.024 ± 0.026 χ^2/NDF : 17.8/17

Out: -0.064 ± 0.026 χ^2/NDF : 21.7/18

All: -0.044 ± 0.019 χ^2/NDF : 40.7/36

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: 0.109 ± 0.072 $\chi^2/\text{NDF}: 0.1/1$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.011 ± 0.075 $\chi^2/\text{NDF}: 0.0/1$

Left: 0.062 ± 0.052 $\chi^2/\text{NDF}: 1.0/3$

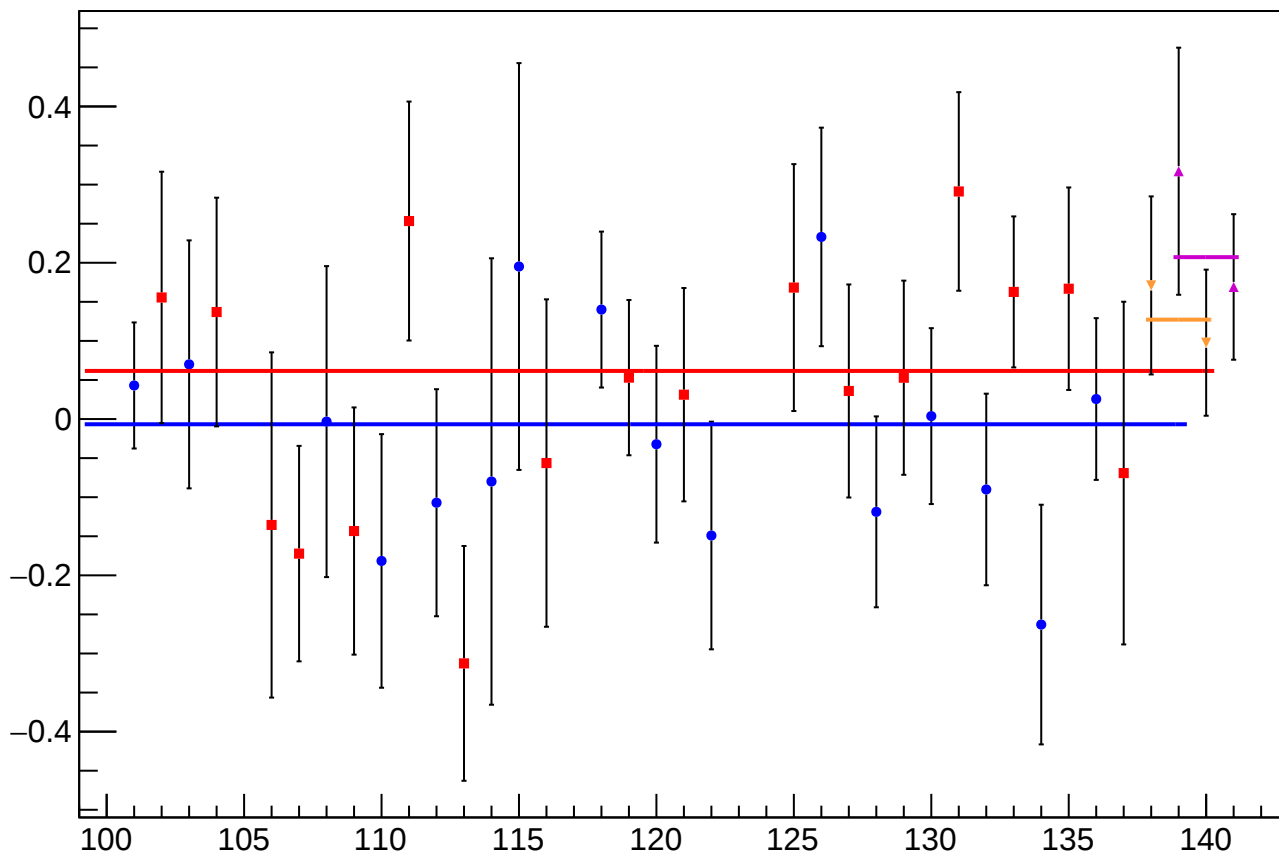
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.117 ± 0.043 $\chi^2/\text{NDF}: 16.1/17$

Out: 0.186 ± 0.043 $\chi^2/\text{NDF}: 18.7/18$

All: 0.152 ± 0.030 $\chi^2/\text{NDF}: 36.1/36$

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: 0.127 ± 0.072 $\chi^2/\text{NDF}: 0.2/1$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.207 ± 0.080 $\chi^2/\text{NDF}: 0.7/1$

Left: 0.163 ± 0.054 $\chi^2/\text{NDF}: 1.4/3$

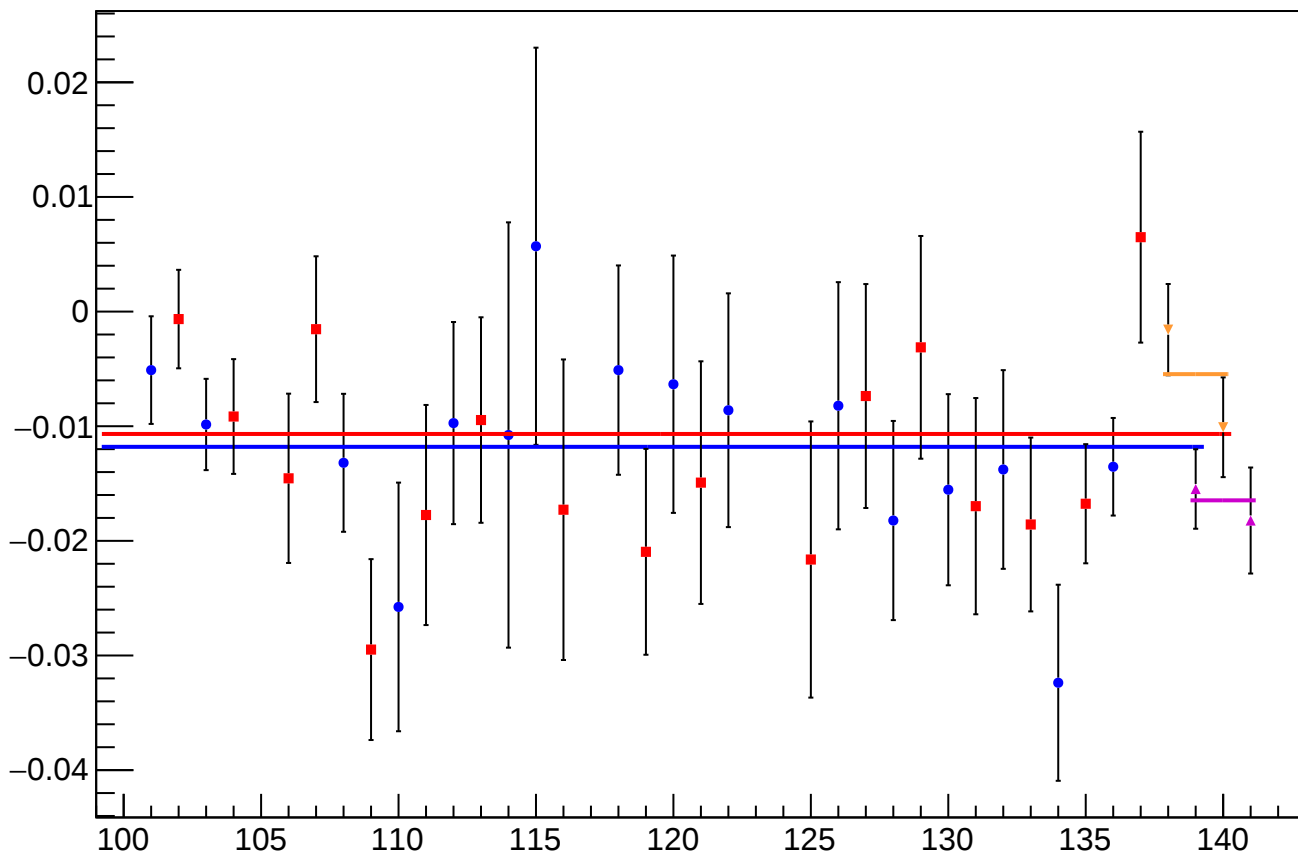
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.024 ± 0.030 $\chi^2/\text{NDF}: 20.0/17$

Out: 0.073 ± 0.031 $\chi^2/\text{NDF}: 20.9/18$

All: 0.048 ± 0.022 $\chi^2/\text{NDF}: 42.2/36$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.005 ± 0.003 χ^2/NDF : 2.1/1

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.016 ± 0.003 χ^2/NDF : 0.2/1

Left: -0.011 ± 0.002 χ^2/NDF : 9.7/3

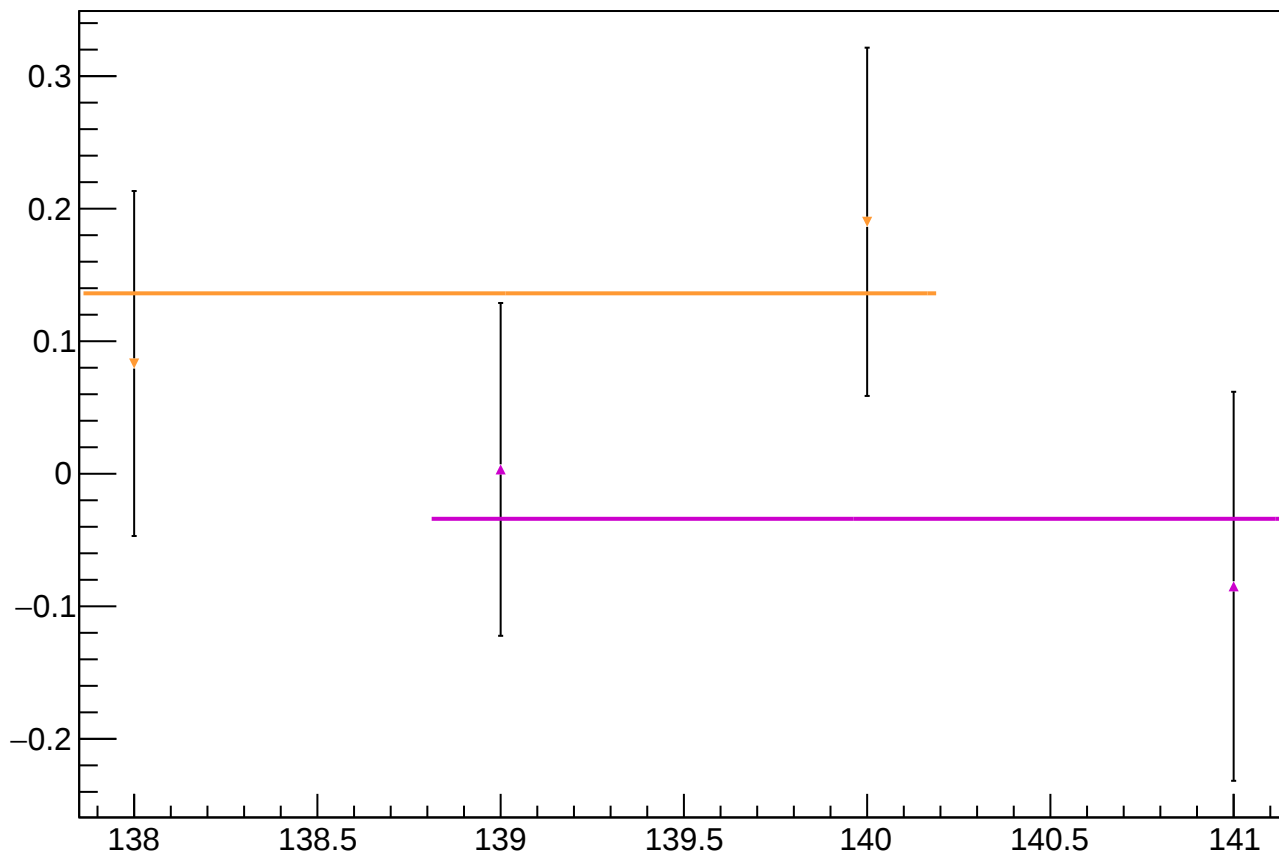
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.002 χ^2/NDF : 15.0/17

Out: -0.009 ± 0.002 χ^2/NDF : 28.2/18

All: -0.011 ± 0.001 χ^2/NDF : 46.5/36

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.136+/-0.092 χ^2/NDF : 0.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.034+/-0.095 χ^2/NDF : 0.2/1

Left: 0.054+/-0.066 χ^2/NDF : 2.2/3

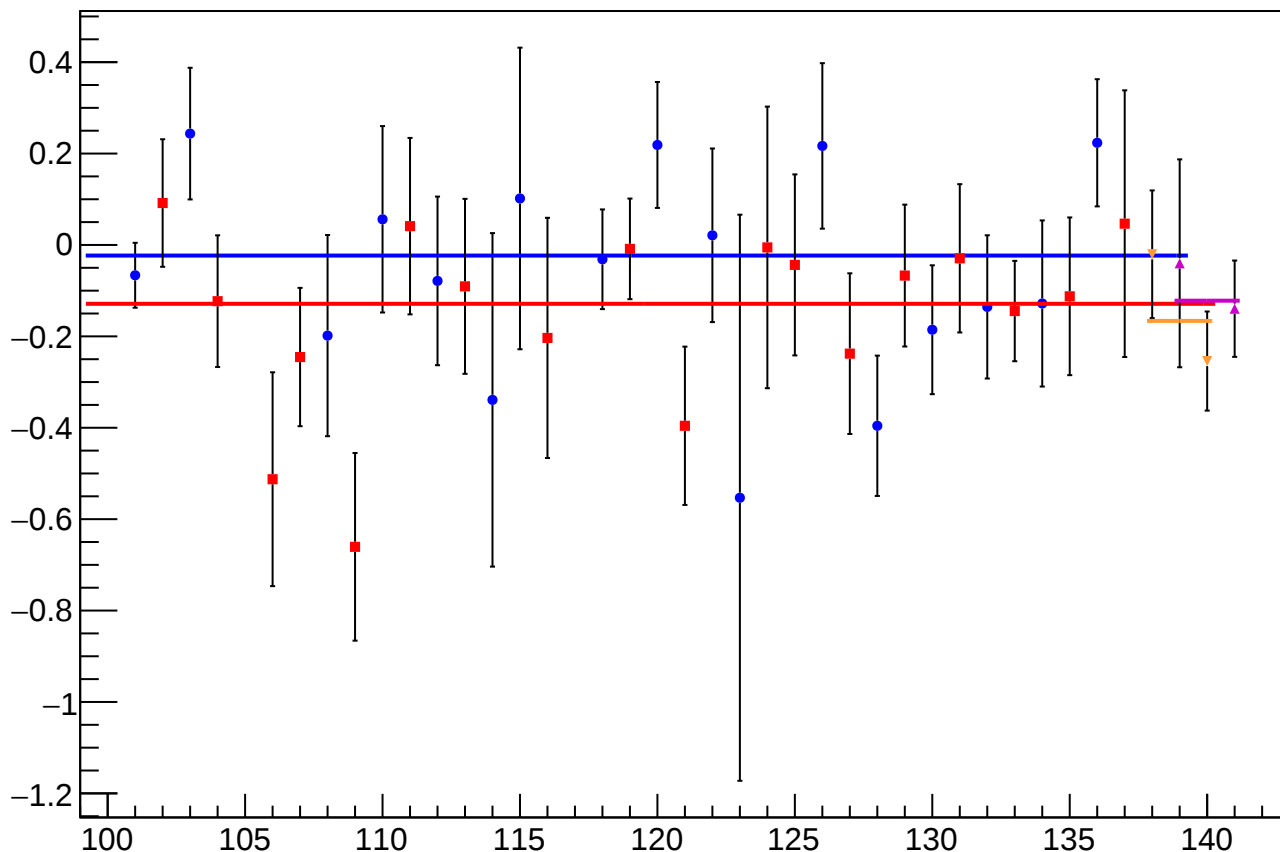
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.034+/-0.095 χ^2/NDF : 0.2/1

Out: 0.136+/-0.092 χ^2/NDF : 0.3/1

All: 0.054+/-0.066 χ^2/NDF : 2.2/3

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.166 ± 0.086 χ^2/NDF : 1.7/1

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.122 ± 0.096 χ^2/NDF : 0.2/1

Left: -0.146 ± 0.064 χ^2/NDF : 2.0/3

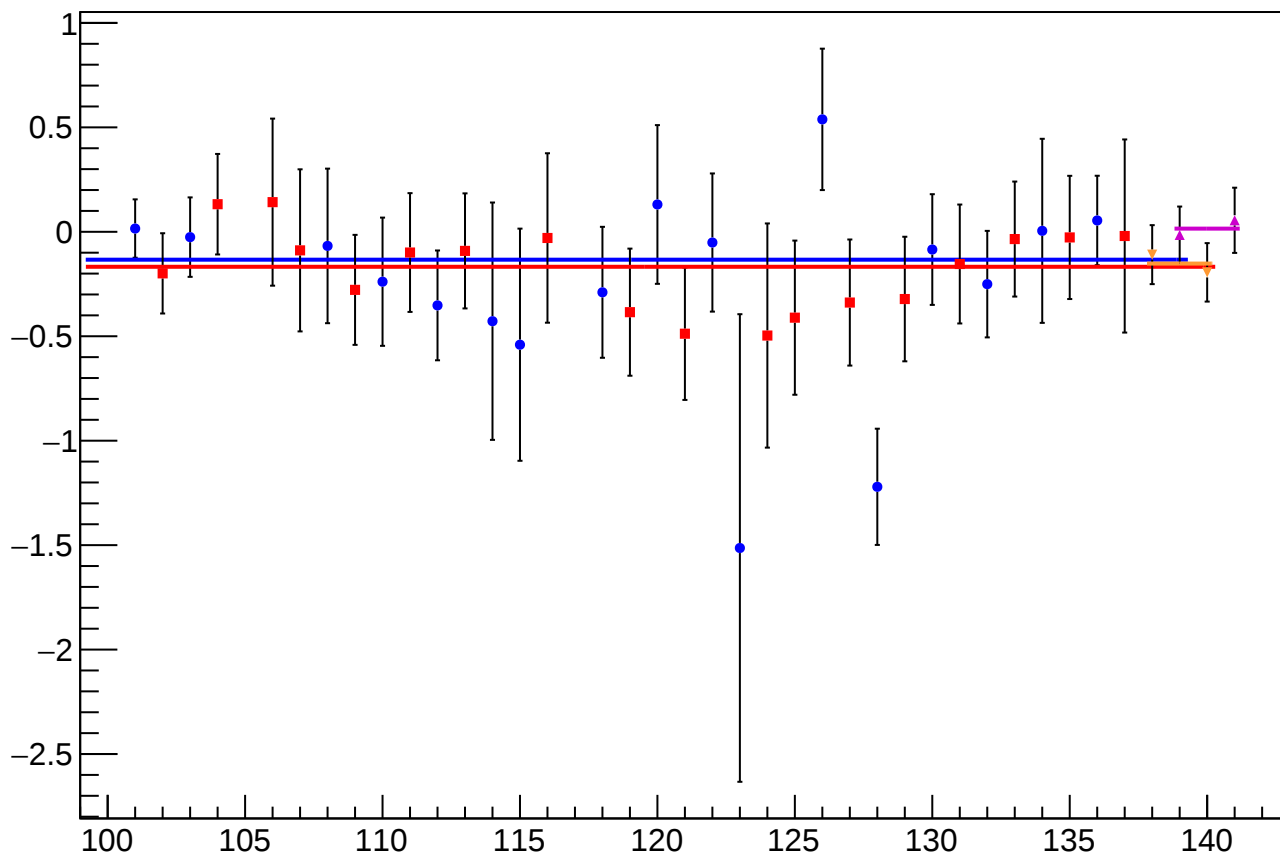
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.036 ± 0.034 χ^2/NDF : 23.5/18

Out: -0.135 ± 0.036 χ^2/NDF : 20.5/19

All: -0.083 ± 0.025 χ^2/NDF : 48.1/38

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.152 ± 0.099 χ^2/NDF : 0.2/1

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.015 ± 0.102 χ^2/NDF : 0.1/1

Left: -0.071 ± 0.071 χ^2/NDF : 1.7/3

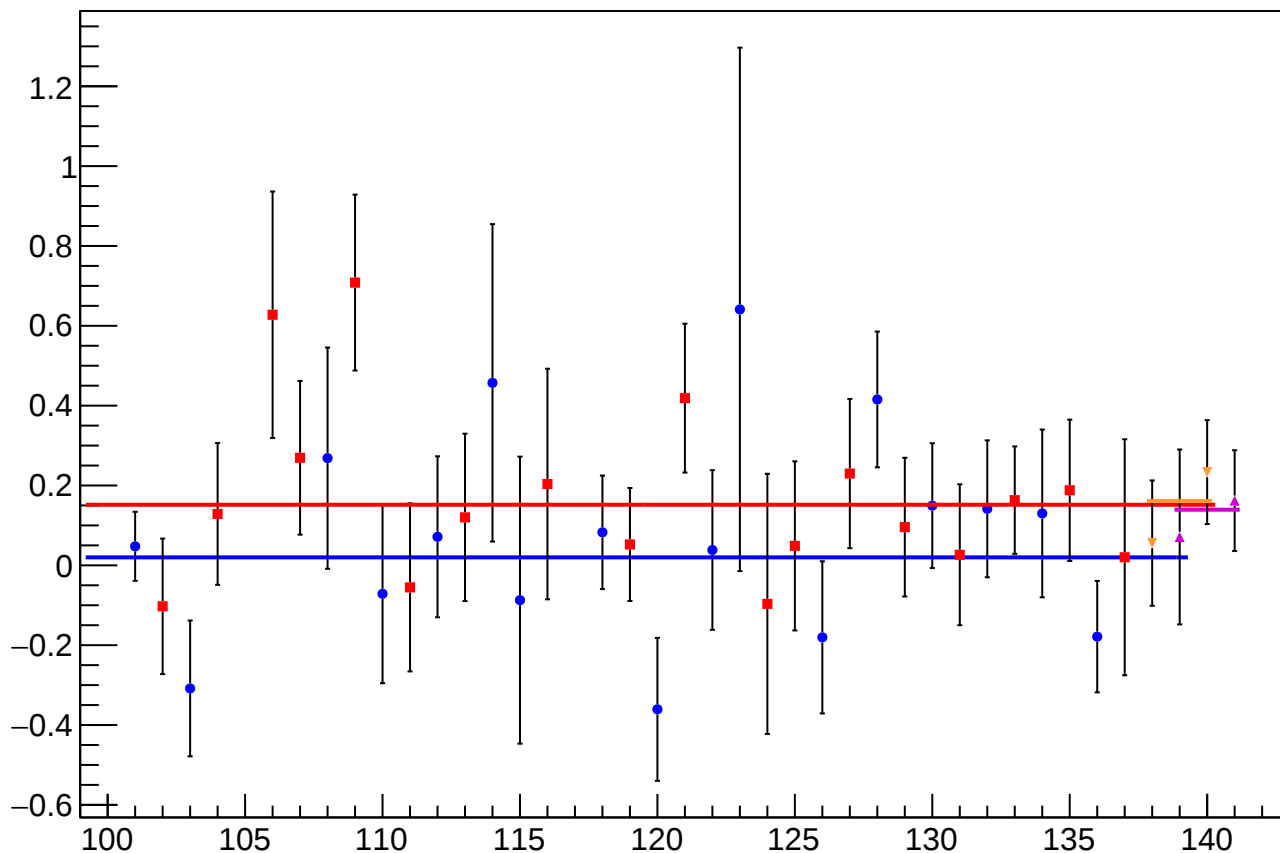
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.089 ± 0.056 χ^2/NDF : 27.3/18

Out: -0.162 ± 0.058 χ^2/NDF : 6.3/19

All: -0.125 ± 0.040 χ^2/NDF : 34.5/38

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: 0.161 $\pm$ 0.100 χ^2 /NDF:0.8/1

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.139 $\pm$ 0.109 χ^2 /NDF:0.1/1

Left: 0.151 $\pm$ 0.074 χ^2 /NDF: 0.9/3

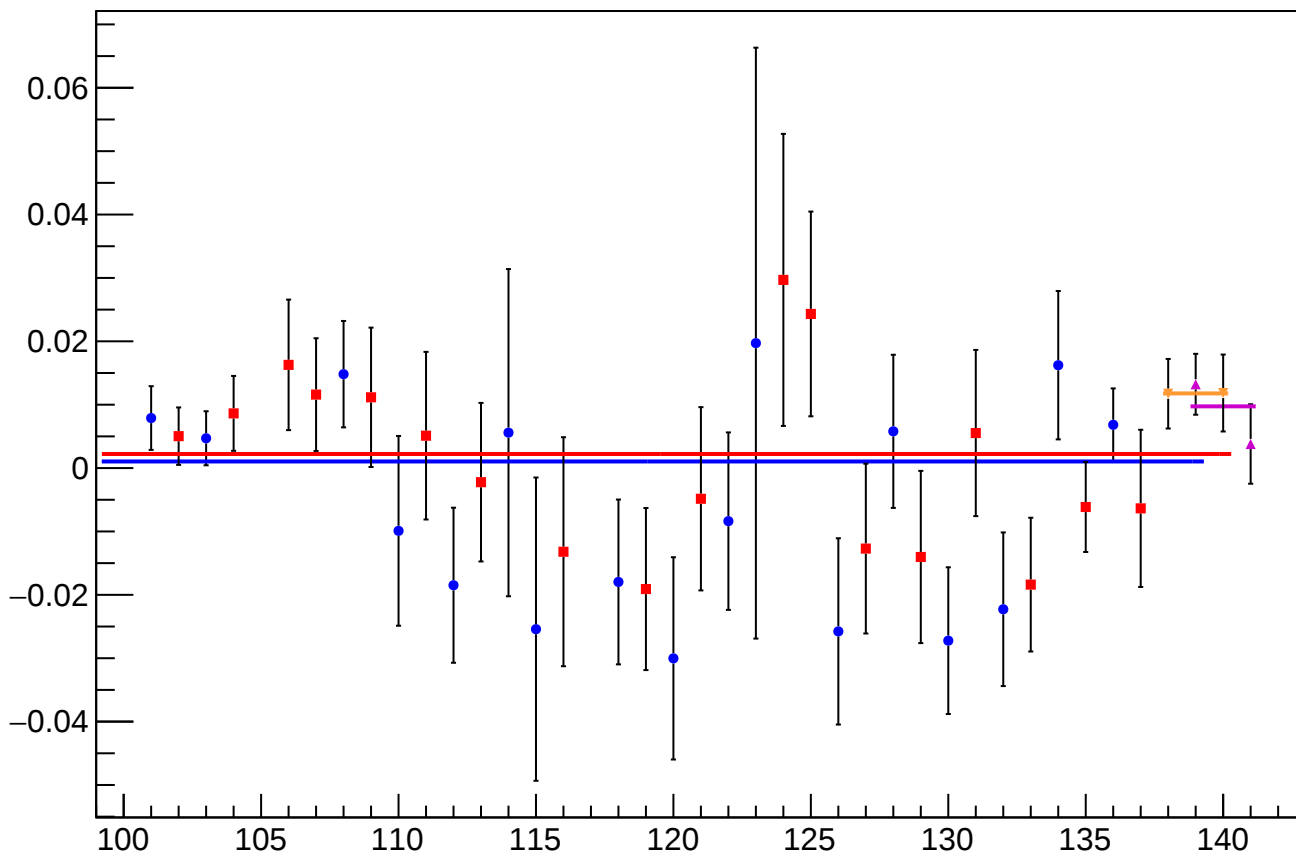
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.036 $\pm$ 0.039 χ^2 /NDF:23.0/18

Out: 0.153 $\pm$ 0.041 χ^2 /NDF:17.6/19

All: 0.092 $\pm$ 0.029 χ^2 /NDF: 44.8/38

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: 0.012 $\pm$ 0.004 χ^2 /NDF:0.0/1

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.010 $\pm$ 0.004 χ^2 /NDF:1.4/1

Left: 0.011 $\pm$ 0.003 χ^2 /NDF: 1.6/3

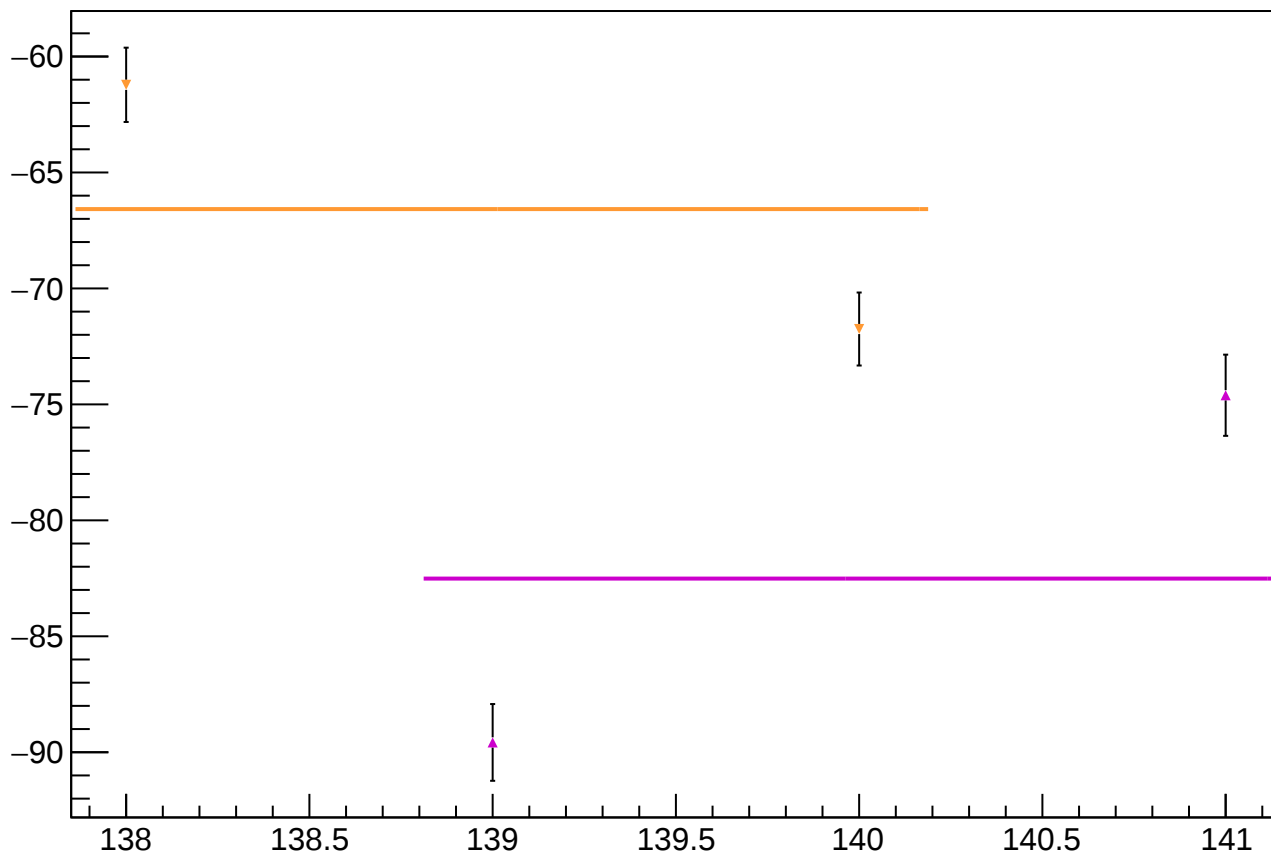
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.003 $\pm$ 0.002 χ^2 /NDF:37.3/18

Out: 0.005 $\pm$ 0.002 χ^2 /NDF:25.0/19

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 62.5/38

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: -66.579+/-1.123 χ^2/NDF :22.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.512+/-1.203 χ^2/NDF :38.6/1

Left: -73.998+/-0.821 χ^2/NDF : 154.4/3

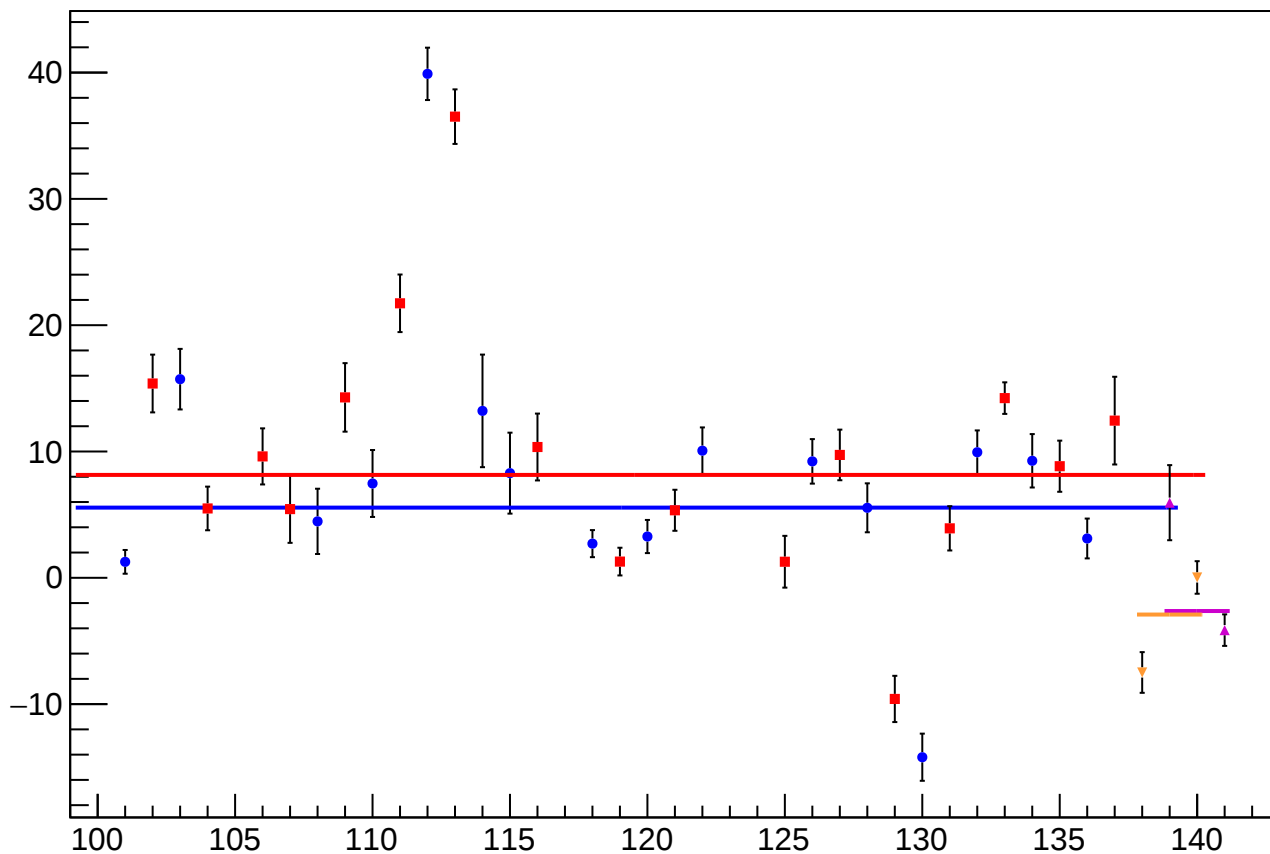
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.512+/-1.203 χ^2/NDF :38.6/1

Out: -66.579+/-1.123 χ^2/NDF :22.0/1

All: -73.998+/-0.821 χ^2/NDF : 154.4/3

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: -2.909 ± 1.006 $\chi^2/\text{NDF}: 13.3/1$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: -2.630 ± 1.151 $\chi^2/\text{NDF}: 9.8/1$

Left: -2.788 ± 0.758 $\chi^2/\text{NDF}: 23.1/3$

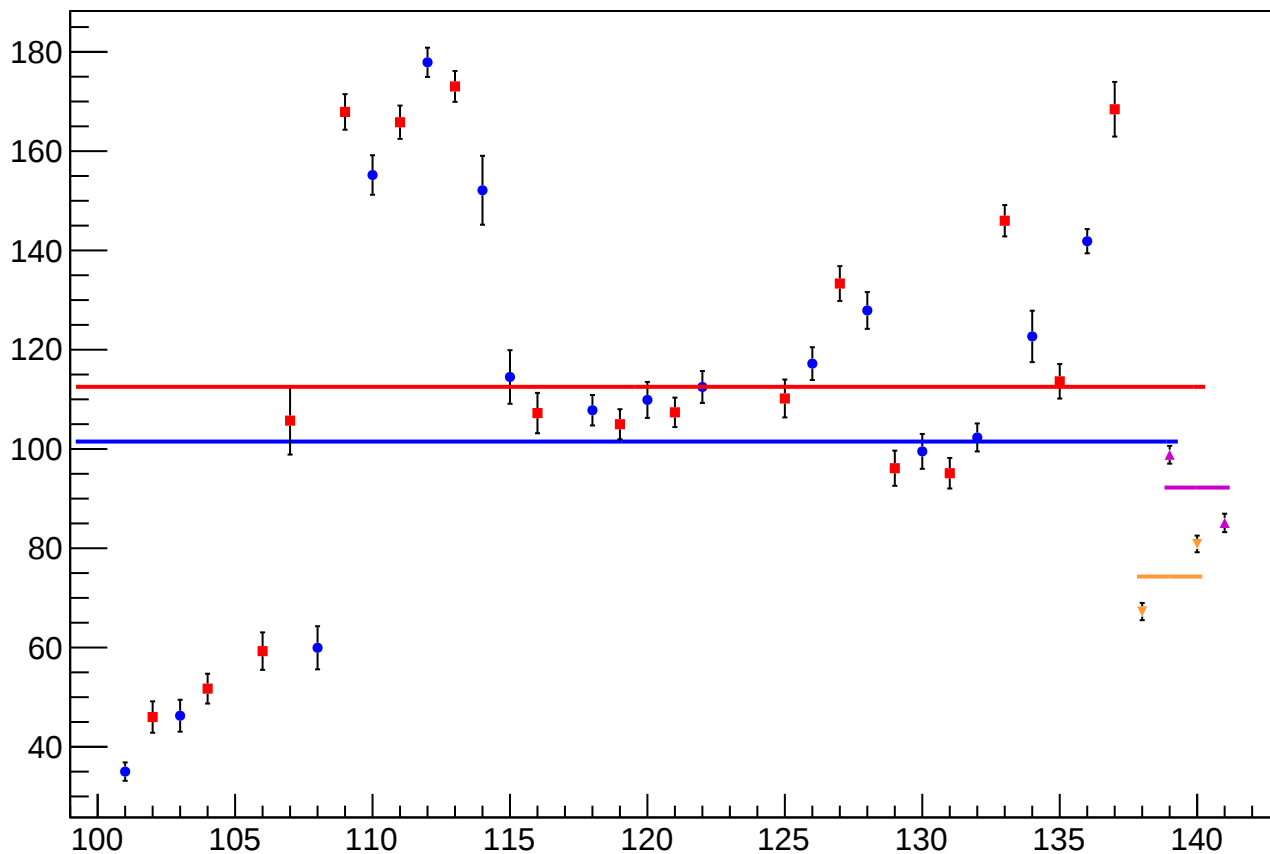
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 4.579 ± 0.398 $\chi^2/\text{NDF}: 516.3/17$

Out: 6.275 ± 0.414 $\chi^2/\text{NDF}: 520.3/18$

All: 5.393 ± 0.287 $\chi^2/\text{NDF}: 1045.4/36$

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: 74.305 $\pm$ 1.206 χ^2 /NDF:31.8/1

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 92.227 $\pm$ 1.291 χ^2 /NDF:28.2/1

Left: 82.655 $\pm$ 0.881 χ^2 /NDF: 163.0/3

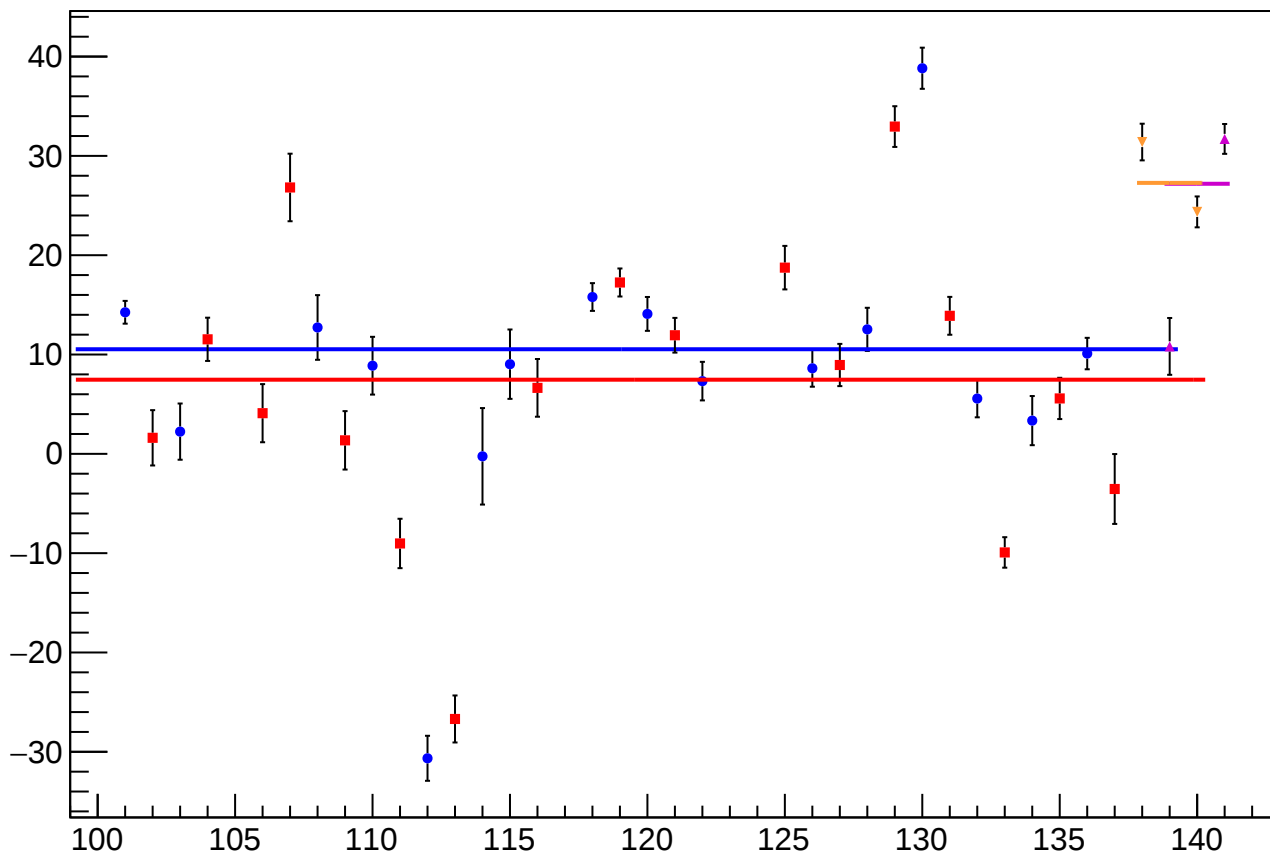
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 98.886 $\pm$ 0.685 χ^2 /NDF:3038.2/17

Out: 99.972 $\pm$ 0.691 χ^2 /NDF:2943.3/18

All: 99.424 $\pm$ 0.487 χ^2 /NDF: 5982.8/36

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: 27.282 $\pm$ 1.189 χ^2 /NDF: 8.5/1

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 27.193 $\pm$ 1.330 χ^2 /NDF: 41.8/1

Left: 27.242 $\pm$ 0.887 χ^2 /NDF: 50.3/3

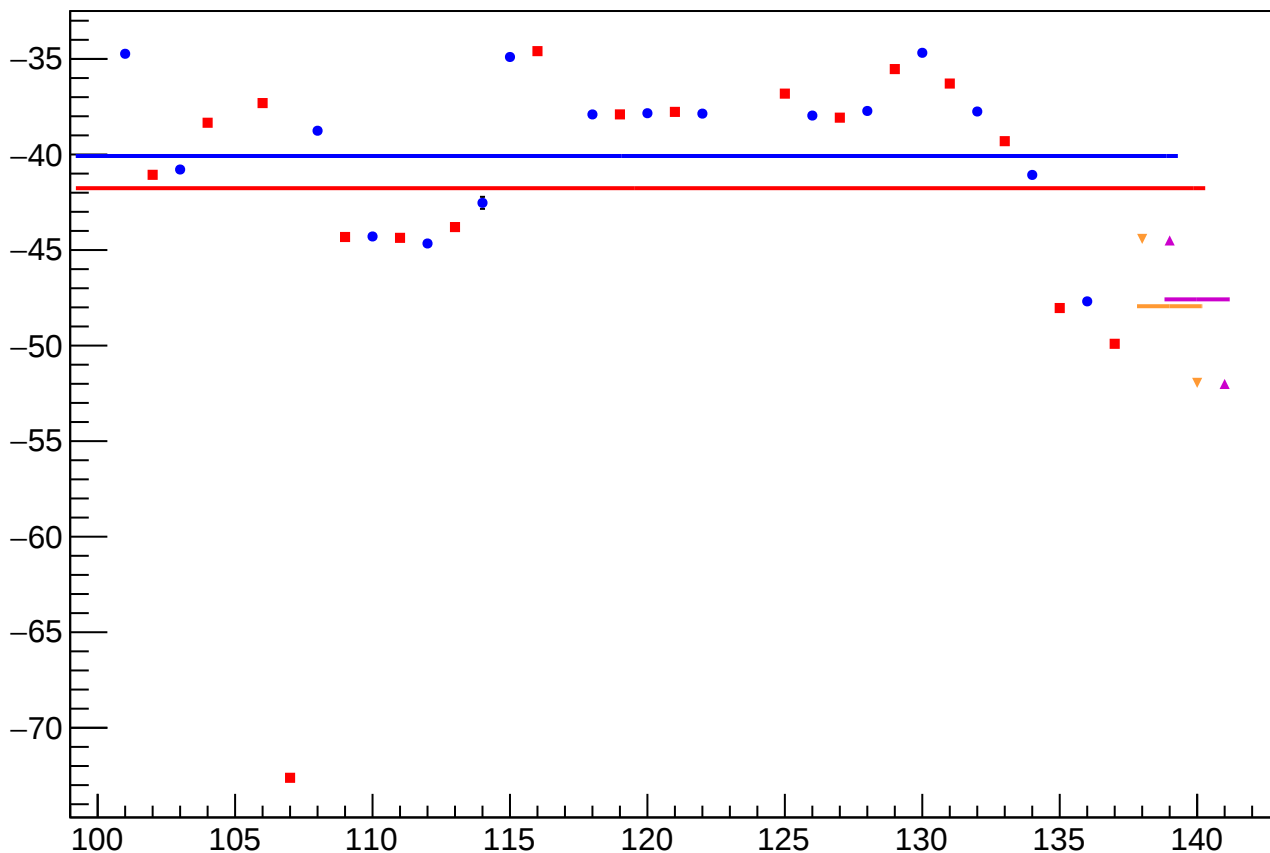
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.543 $\pm$ 0.462 χ^2 /NDF: 760.1/17

Out: 10.698 $\pm$ 0.480 χ^2 /NDF: 925.8/18

All: 11.656 $\pm$ 0.333 χ^2 /NDF: 1693.5/36

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -47.940 ± 0.050 $\chi^2/\text{NDF}: 5625.7/1$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -47.581 ± 0.048 $\chi^2/\text{NDF}: 5848.5/1$

Left: -47.754 ± 0.035 $\chi^2/\text{NDF}: 11500.8/3$

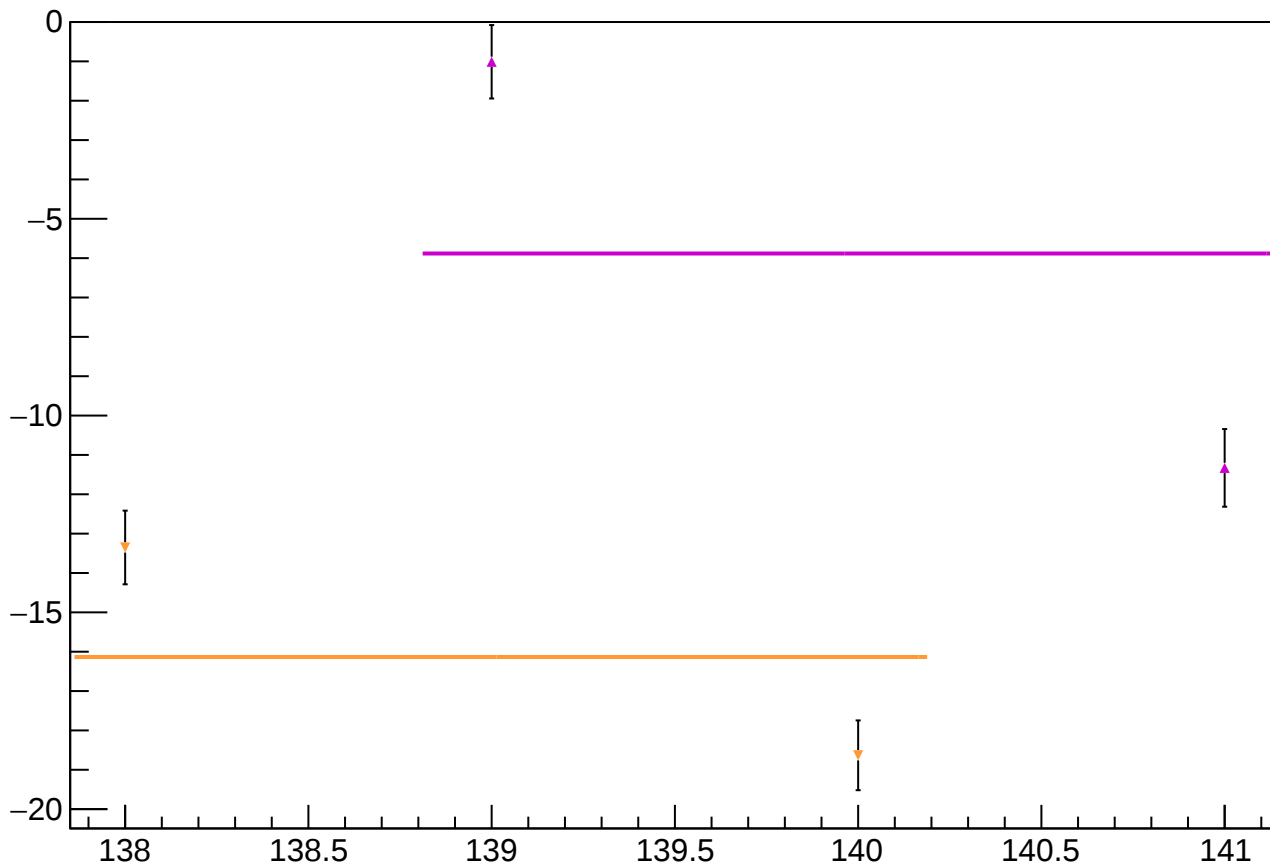
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -41.988 ± 0.024 $\chi^2/\text{NDF}: 48980.7/17$

Out: -43.301 ± 0.025 $\chi^2/\text{NDF}: 77287.1/18$

All: -42.628 ± 0.017 $\chi^2/\text{NDF}: 127682.5/36$

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: -16.134 $\pm$ 0.644 χ^2/NDF : 16.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -5.882 $\pm$ 0.678 χ^2/NDF : 57.7/1

Left: -11.274 $\pm$ 0.467 χ^2/NDF : 194.8/3

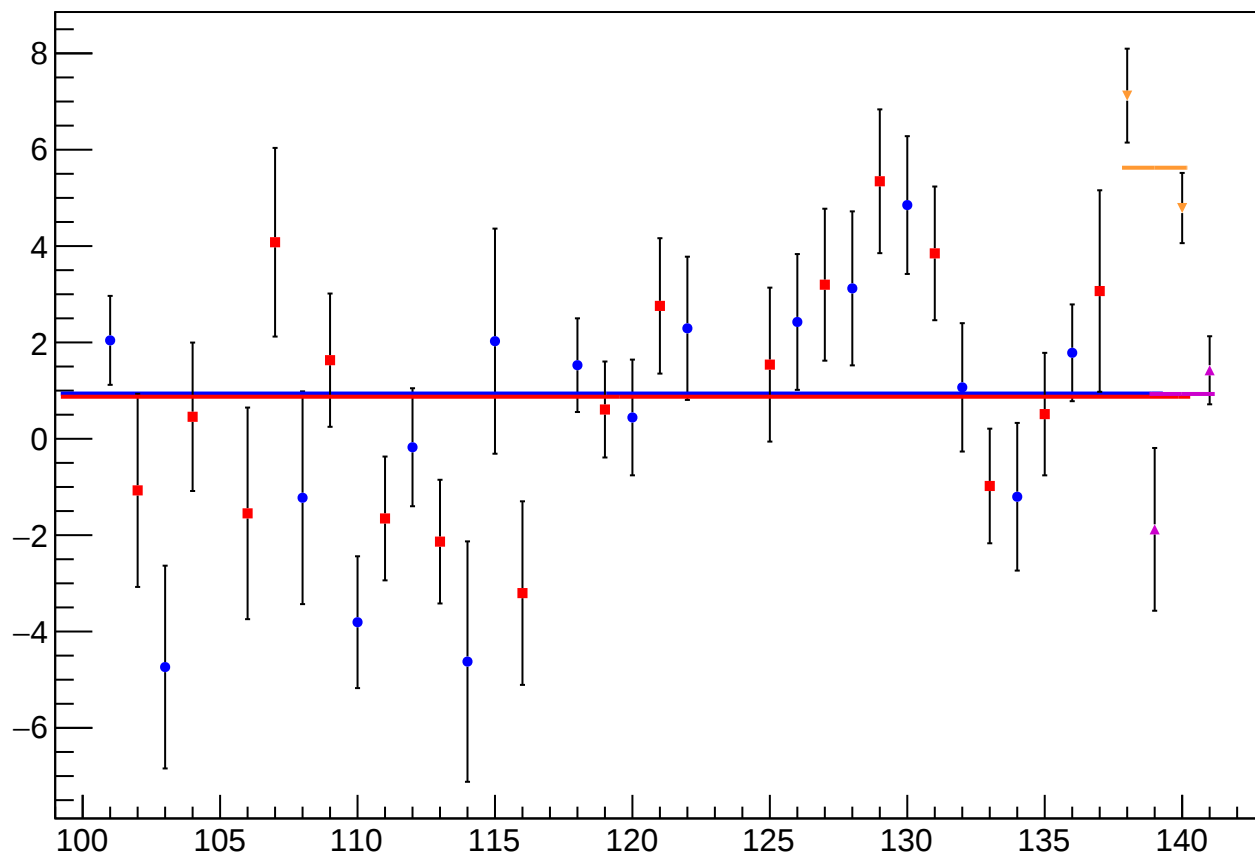
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -5.882 $\pm$ 0.678 χ^2/NDF : 57.7/1

Out: -16.134 $\pm$ 0.644 χ^2/NDF : 16.8/1

All: -11.274 $\pm$ 0.467 χ^2/NDF : 194.8/3

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939+/-0.339 χ^2 /NDF: 42.2/15

Left Out: 5.626+/-0.584 χ^2 /NDF:3.7/1

Right Out: 0.873+/-0.354 χ^2 /NDF: 40.6/16

Left In: 0.931+/-0.652 χ^2 /NDF:3.3/1

Left: 3.536+/-0.435 χ^2 /NDF: 35.7/3

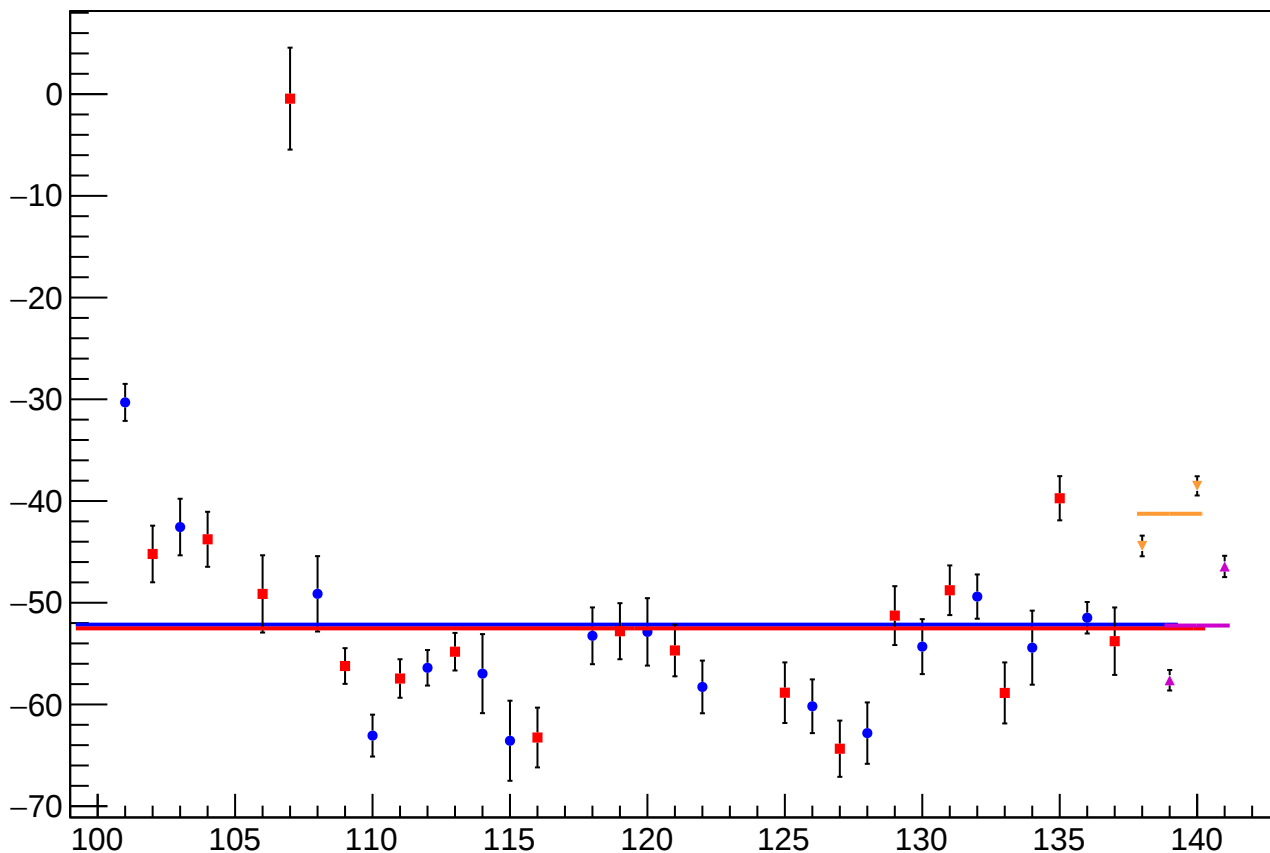
Right: 0.908+/-0.245 χ^2 /NDF: 82.8/32

In: 0.938+/-0.301 χ^2 /NDF:45.5/17

Out: 2.151+/-0.303 χ^2 /NDF:92.7/18

All: 1.540+/-0.213 χ^2 /NDF: 146.3/36

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: -41.253 ± 0.691 χ^2/NDF : 18.2/1

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.241 ± 0.728 χ^2/NDF : 59.0/1

Left: -46.467 ± 0.501 χ^2/NDF : 197.0/3

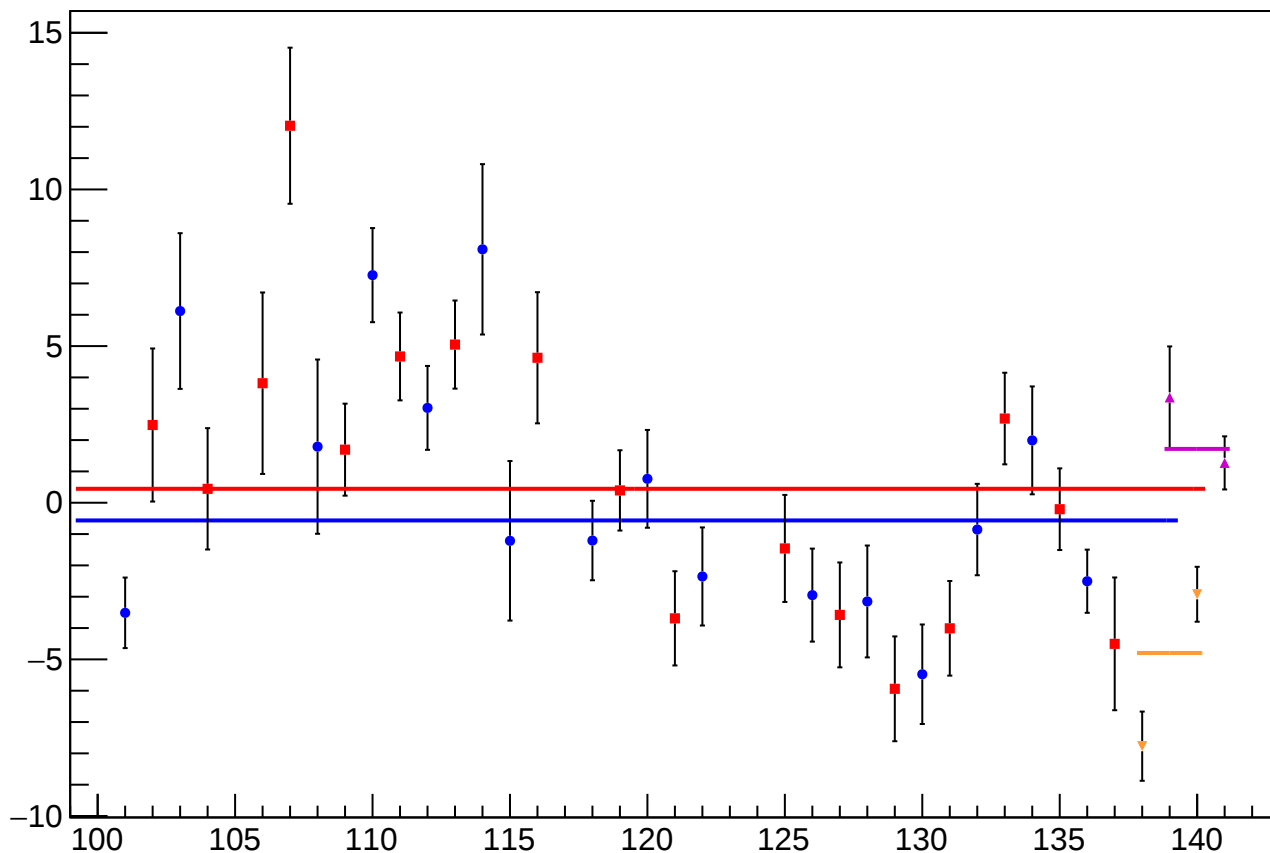
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.190 ± 0.469 χ^2/NDF : 290.1/17

Out: -47.517 ± 0.461 χ^2/NDF : 383.6/18

All: -49.813 ± 0.329 χ^2/NDF : 724.2/36

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: -4.795 ± 0.687 χ^2/NDF : 11.8/1

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.718 ± 0.752 χ^2/NDF : 1.3/1

Left: -1.832 ± 0.507 χ^2/NDF : 54.0/3

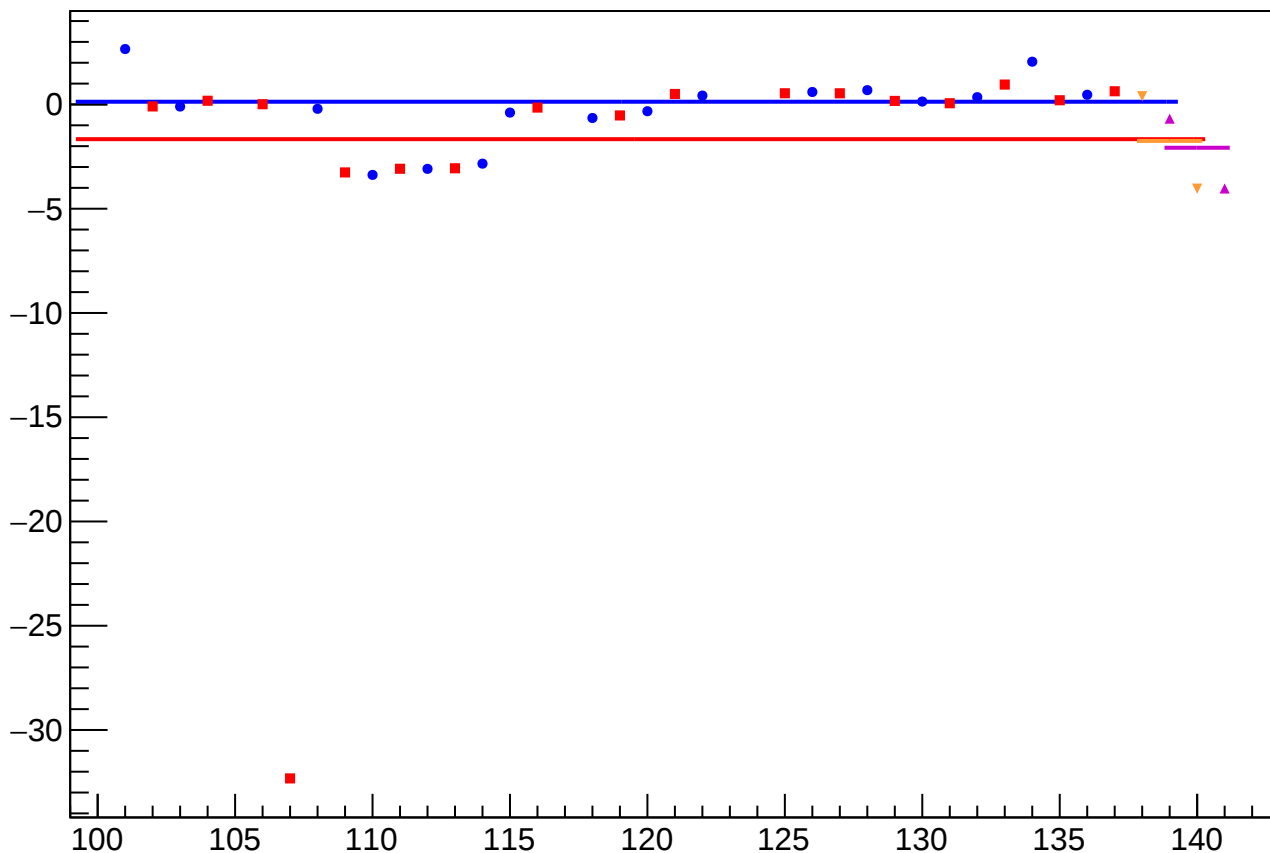
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -0.092 ± 0.342 χ^2/NDF : 90.5/17

Out: -0.883 ± 0.346 χ^2/NDF : 149.4/18

All: -0.483 ± 0.243 χ^2/NDF : 242.5/36

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: -1.749 ± 0.029 $\chi^2/\text{NDF}: 6030.7/1$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -2.076 ± 0.027 $\chi^2/\text{NDF}: 3668.9/1$

Left: -1.920 ± 0.020 $\chi^2/\text{NDF}: 9768.7/3$

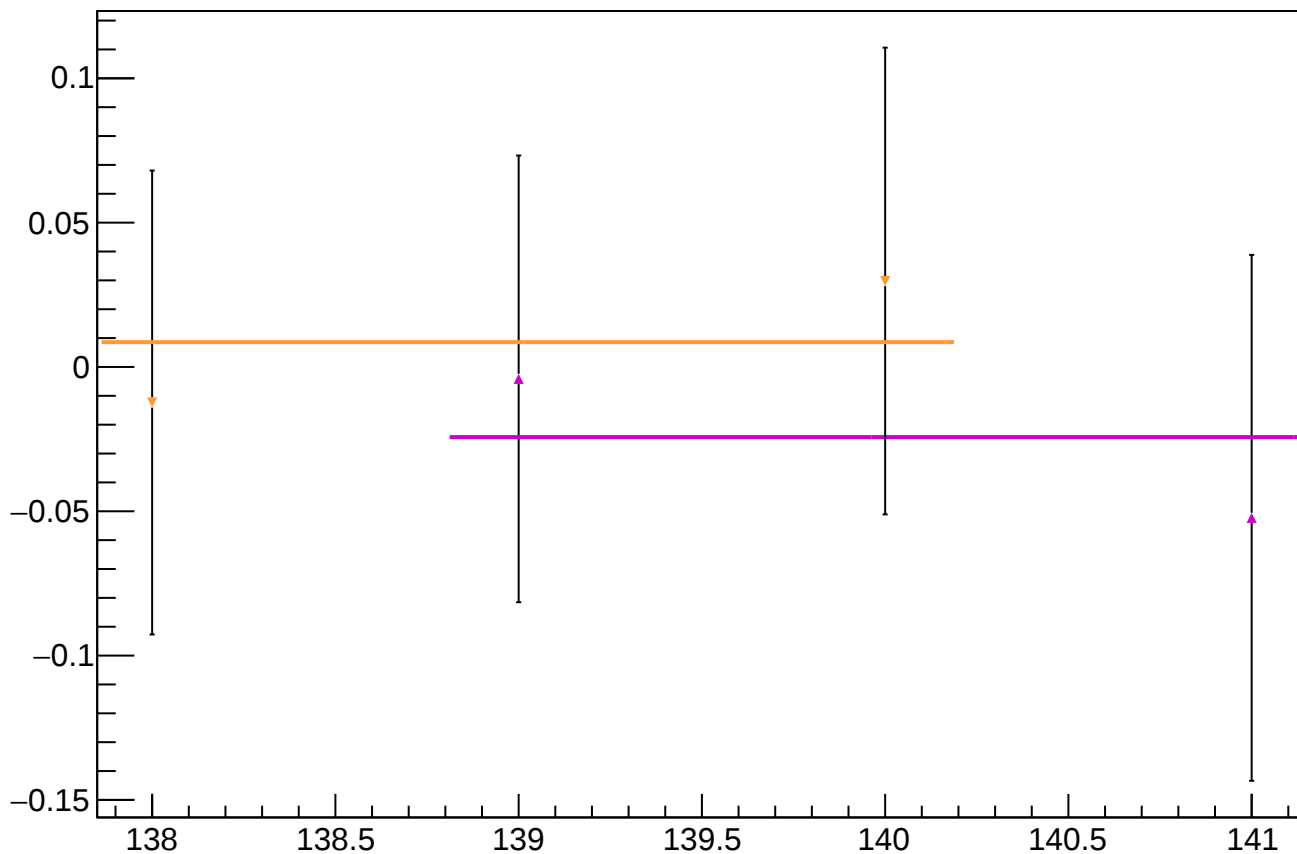
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -0.717 ± 0.017 $\chi^2/\text{NDF}: 12939.8/17$

Out: -1.696 ± 0.017 $\chi^2/\text{NDF}: 83639.0/18$

All: -1.193 ± 0.012 $\chi^2/\text{NDF}: 98212.2/36$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.009+/-0.057 χ^2/NDF : 0.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.024+/-0.059 χ^2/NDF : 0.2/1

Left: -0.007+/-0.041 χ^2/NDF : 0.5/3

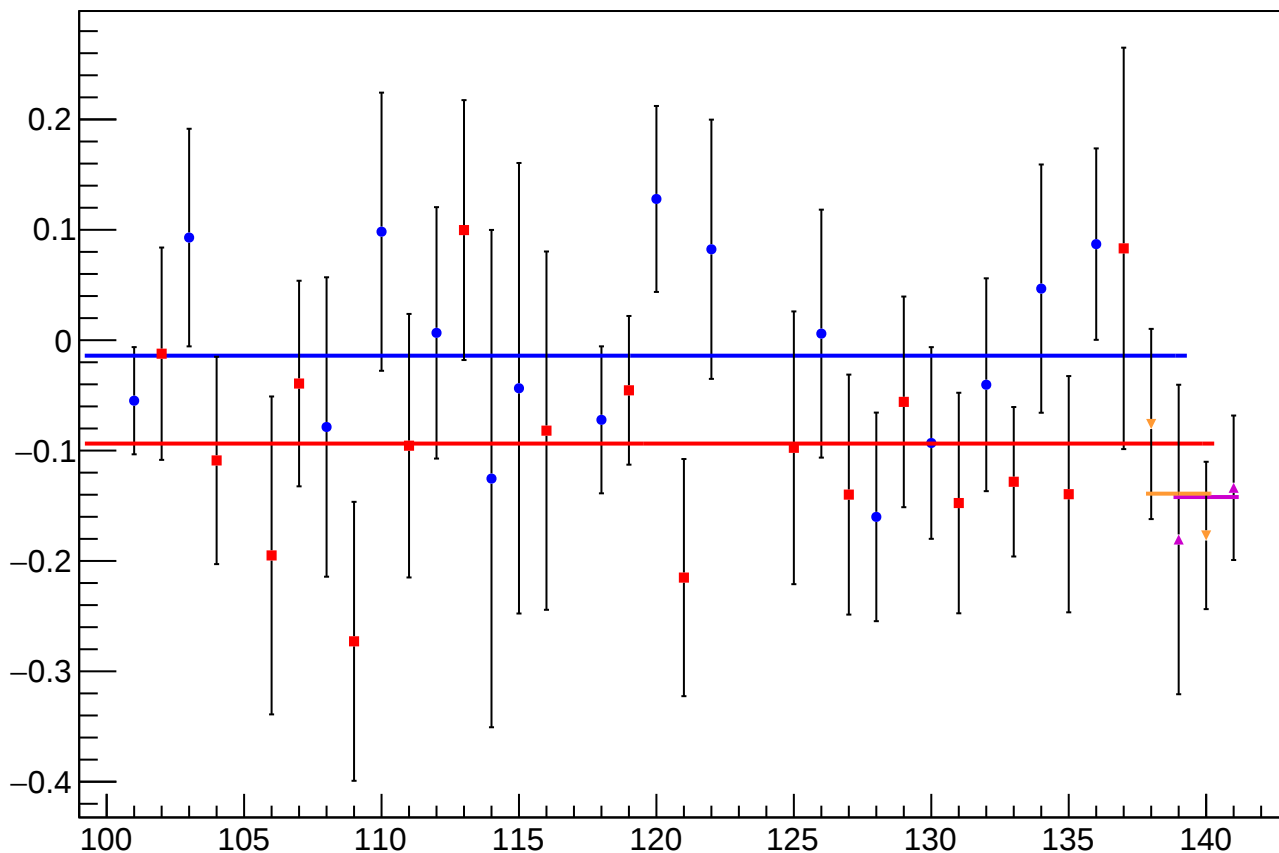
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.024+/-0.059 χ^2/NDF : 0.2/1

Out: 0.009+/-0.057 χ^2/NDF : 0.1/1

All: -0.007+/-0.041 χ^2/NDF : 0.5/3

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.139 ± 0.053 χ^2/NDF : 0.9/1

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.142 ± 0.059 χ^2/NDF : 0.1/1

Left: -0.140 ± 0.039 χ^2/NDF : 1.0/3

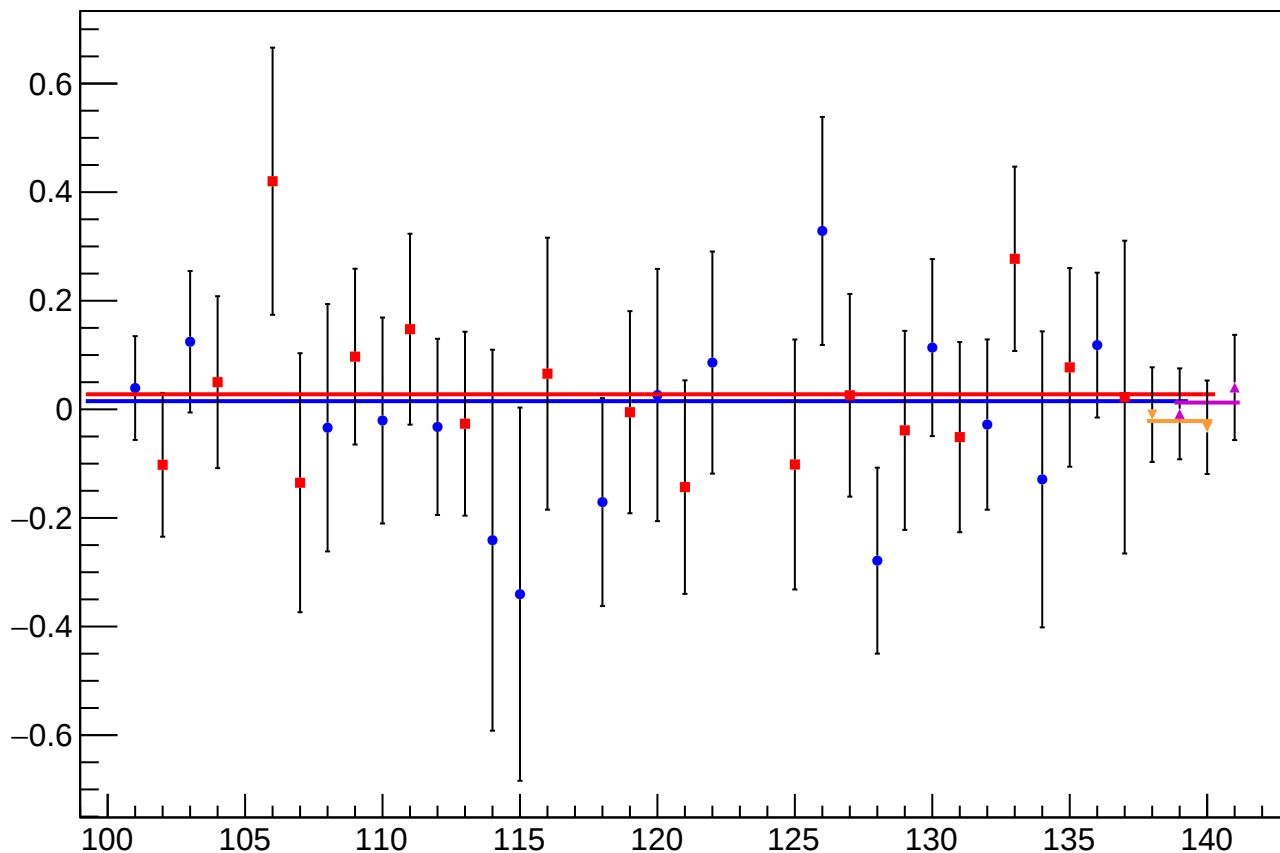
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.031 ± 0.022 χ^2/NDF : 16.6/17

Out: -0.102 ± 0.022 χ^2/NDF : 11.6/18

All: -0.065 ± 0.016 χ^2/NDF : 33.3/36

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: -0.022 $\pm$ 0.061 χ^2 /NDF:0.0/1

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.013 $\pm$ 0.063 χ^2 /NDF:0.1/1

Left: -0.005 $\pm$ 0.044 χ^2 /NDF: 0.3/3

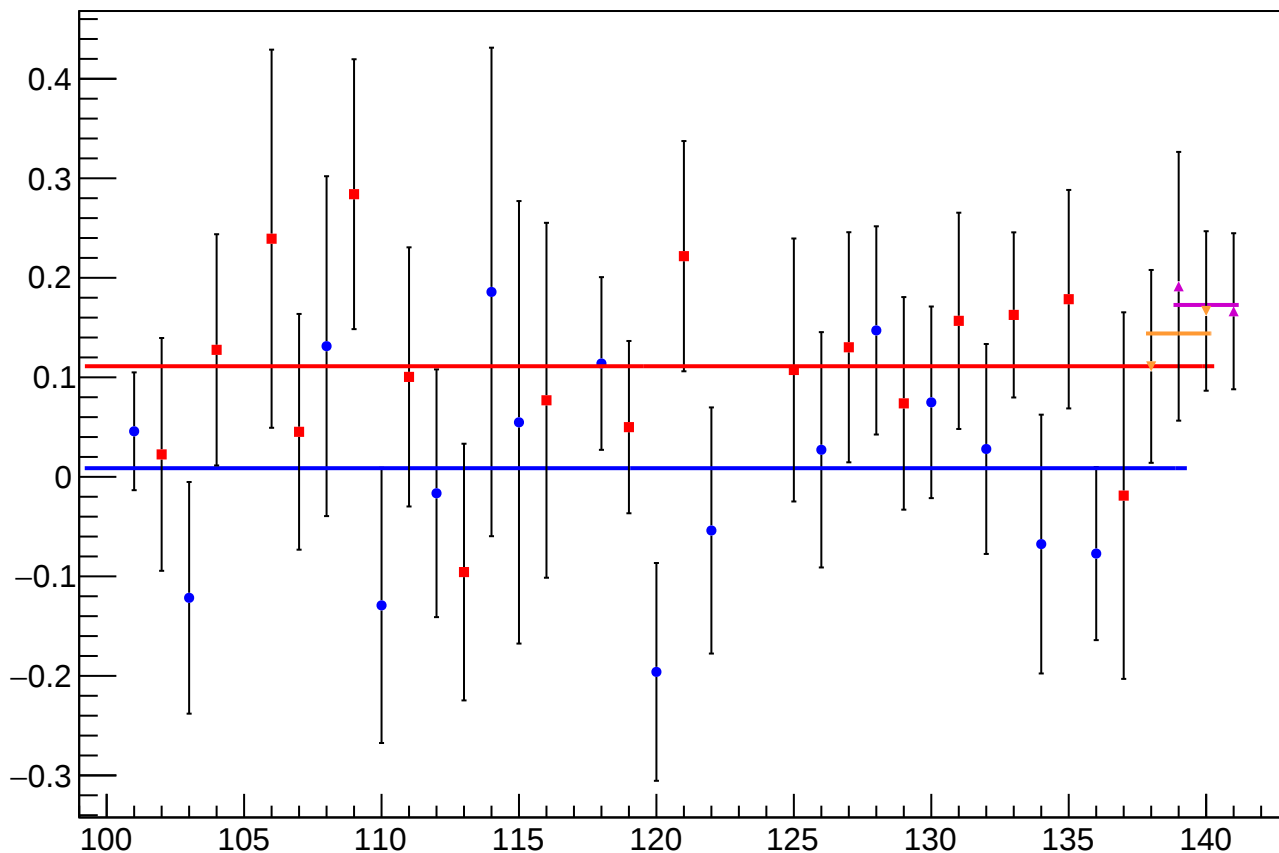
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.014 $\pm$ 0.035 χ^2 /NDF:10.2/17

Out: 0.010 $\pm$ 0.036 χ^2 /NDF:8.9/18

All: 0.012 $\pm$ 0.025 χ^2 /NDF: 19.1/36

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.144 $\pm$ 0.062 χ^2 /NDF: 0.2/1

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.173 $\pm$ 0.068 χ^2 /NDF: 0.0/1

Left: 0.157 $\pm$ 0.046 χ^2 /NDF: 0.3/3

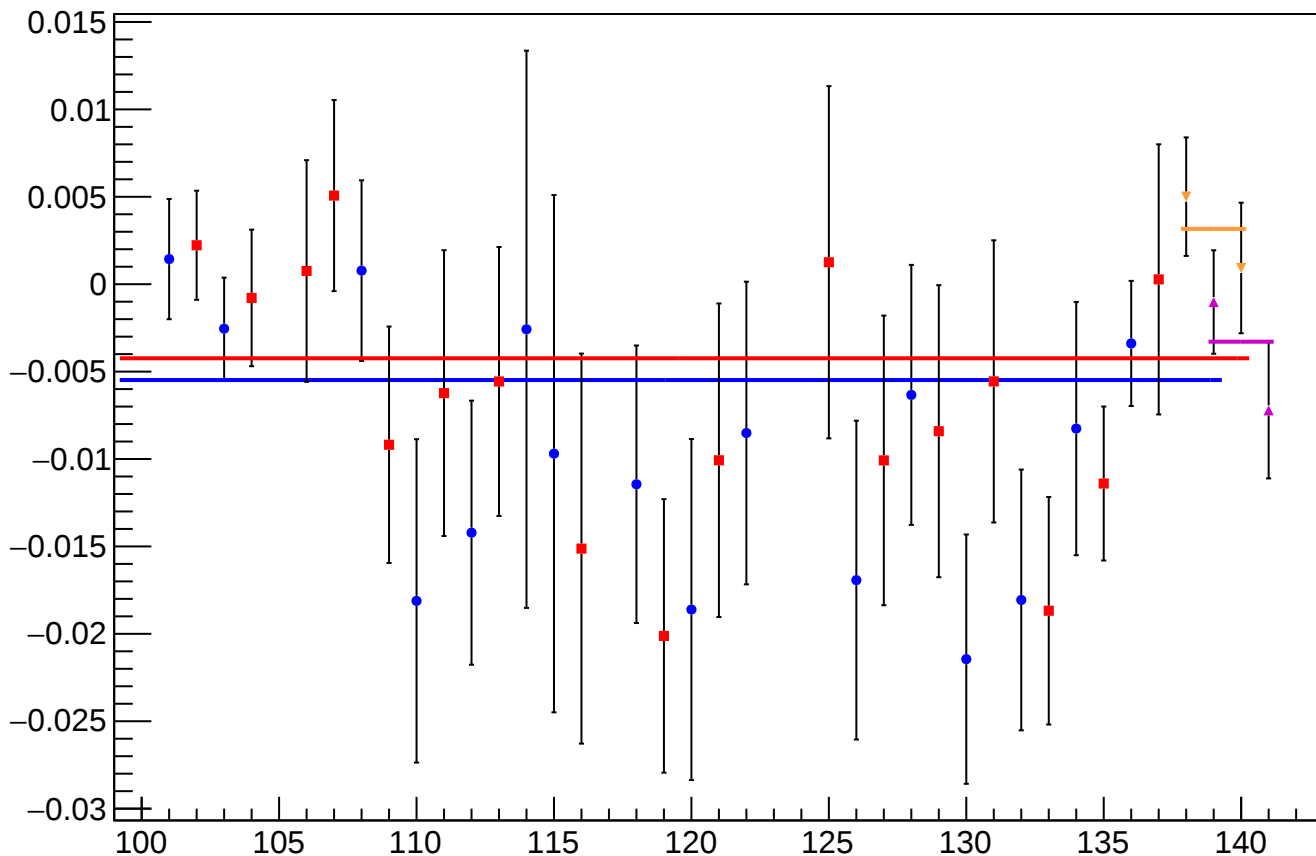
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.031 $\pm$ 0.025 χ^2 /NDF: 17.7/17

Out: 0.117 $\pm$ 0.026 χ^2 /NDF: 9.0/18

All: 0.072 $\pm$ 0.018 χ^2 /NDF: 32.4/36

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: 0.003 ± 0.003 χ^2/NDF : 0.7/1

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.003 ± 0.002 χ^2/NDF : 1.6/1

Left: -0.000 ± 0.002 χ^2/NDF : 5.8/3

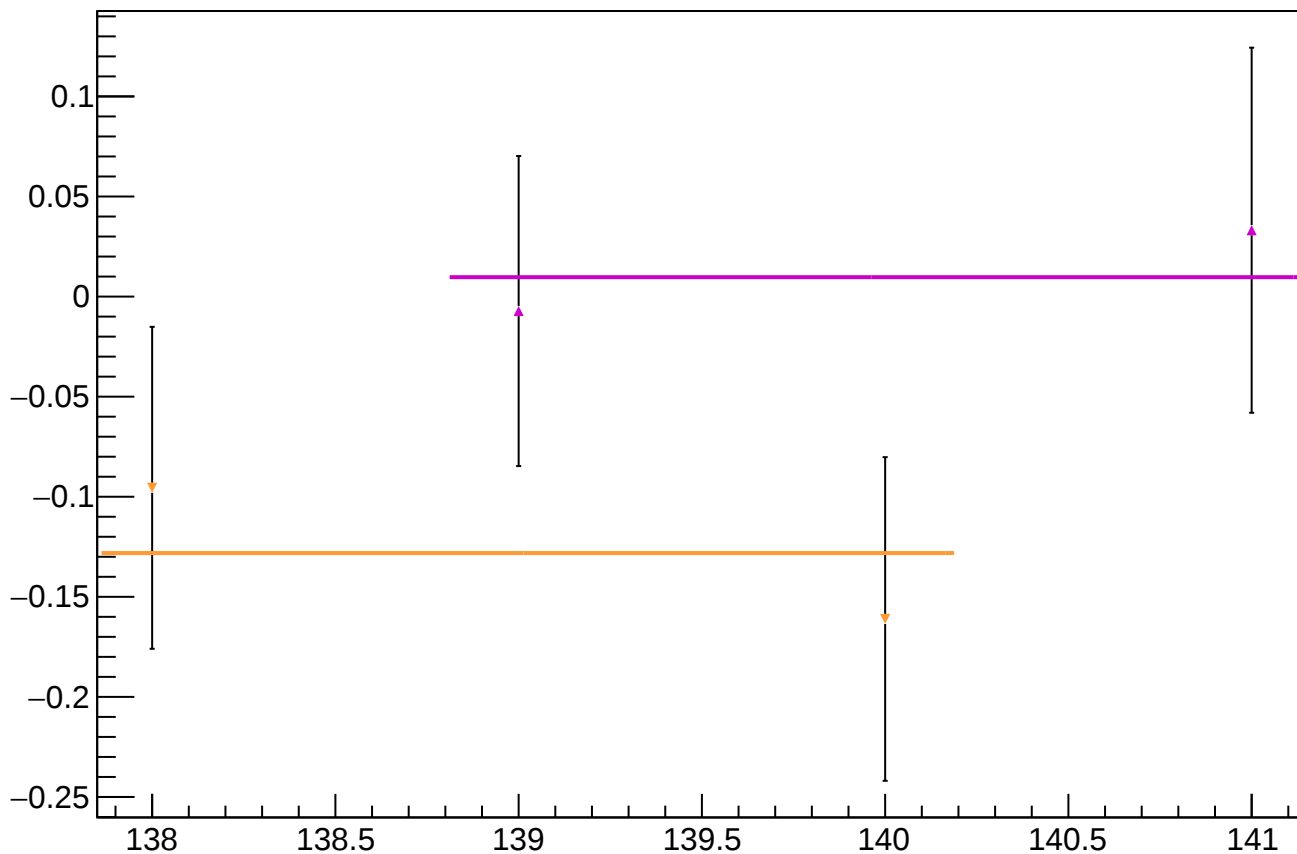
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.005 ± 0.001 χ^2/NDF : 24.5/17

Out: -0.002 ± 0.001 χ^2/NDF : 30.8/18

All: -0.004 ± 0.001 χ^2/NDF : 57.4/36

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.128+/-0.057 χ^2/NDF : 0.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.010+/-0.059 χ^2/NDF : 0.1/1

Left: -0.062+/-0.041 χ^2/NDF : 3.3/3

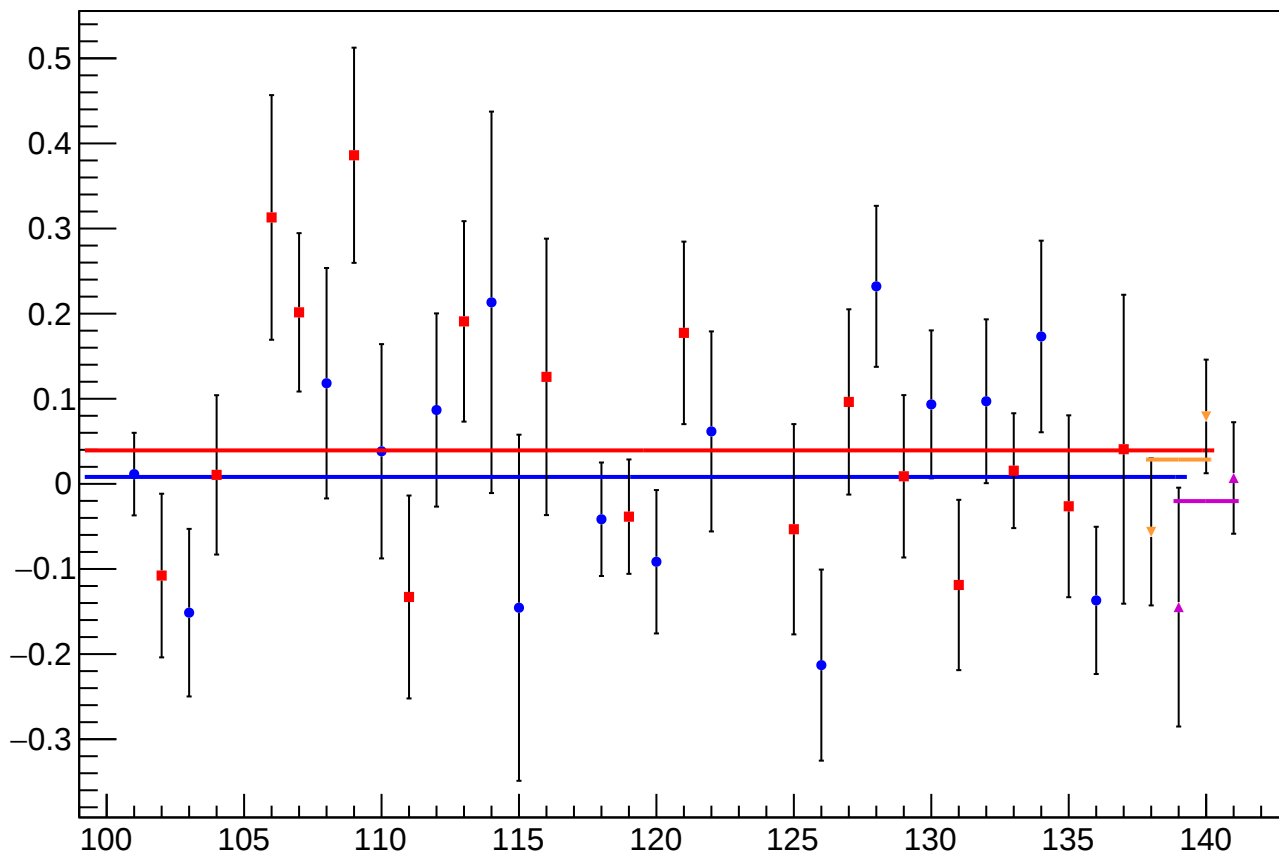
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.010+/-0.059 χ^2/NDF : 0.1/1

Out: -0.128+/-0.057 χ^2/NDF : 0.3/1

All: -0.062+/-0.041 χ^2/NDF : 3.3/3

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.029 $\pm$ 0.053 χ^2 /NDF:1.5/1

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: -0.020 $\pm$ 0.059 χ^2 /NDF:1.0/1

Left: 0.007 $\pm$ 0.039 χ^2 /NDF: 2.9/3

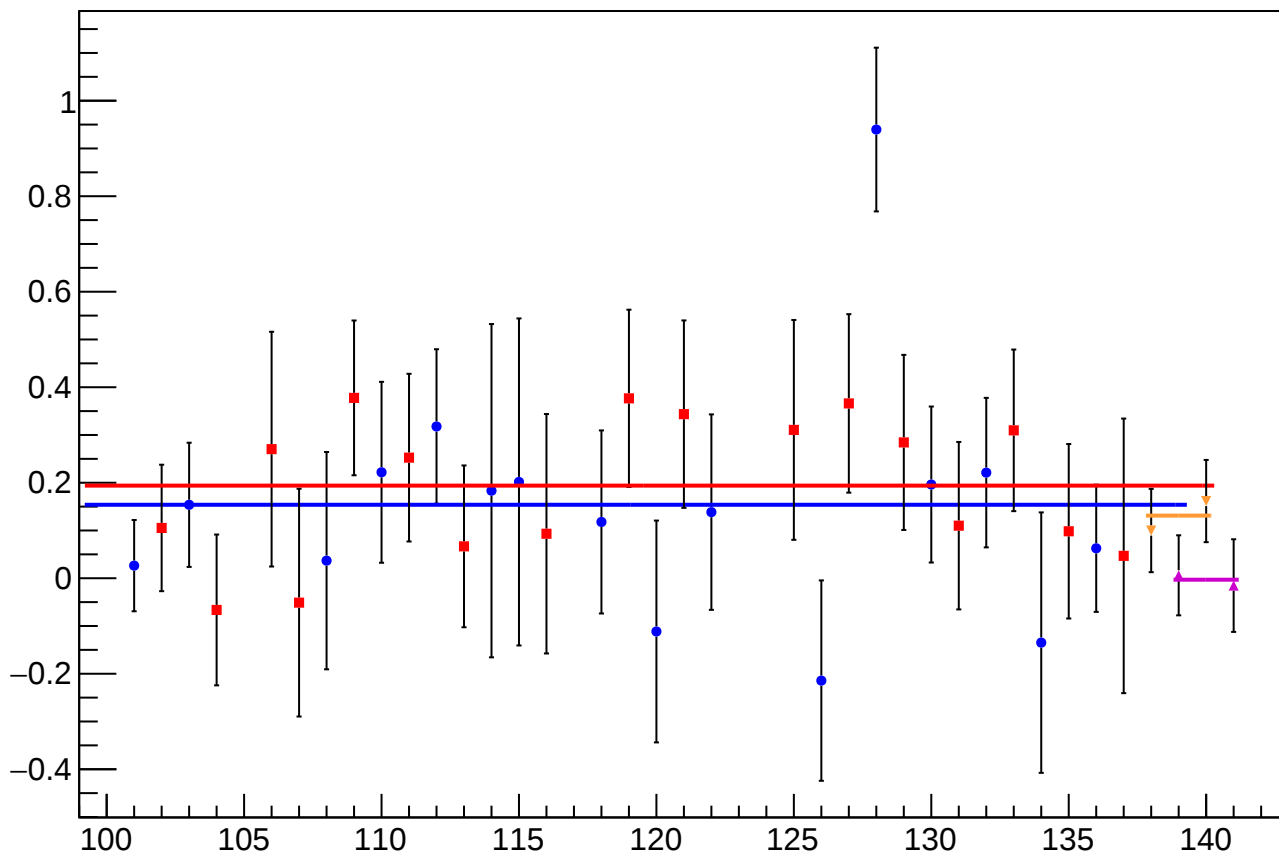
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.004 $\pm$ 0.022 χ^2 /NDF:24.8/17

Out: 0.037 $\pm$ 0.022 χ^2 /NDF:29.2/18

All: 0.020 $\pm$ 0.016 χ^2 /NDF: 55.1/36

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.131 ± 0.061 χ^2/NDF : 0.3/1

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: -0.003 ± 0.063 χ^2/NDF : 0.0/1

Left: 0.066 ± 0.044 χ^2/NDF : 2.6/3

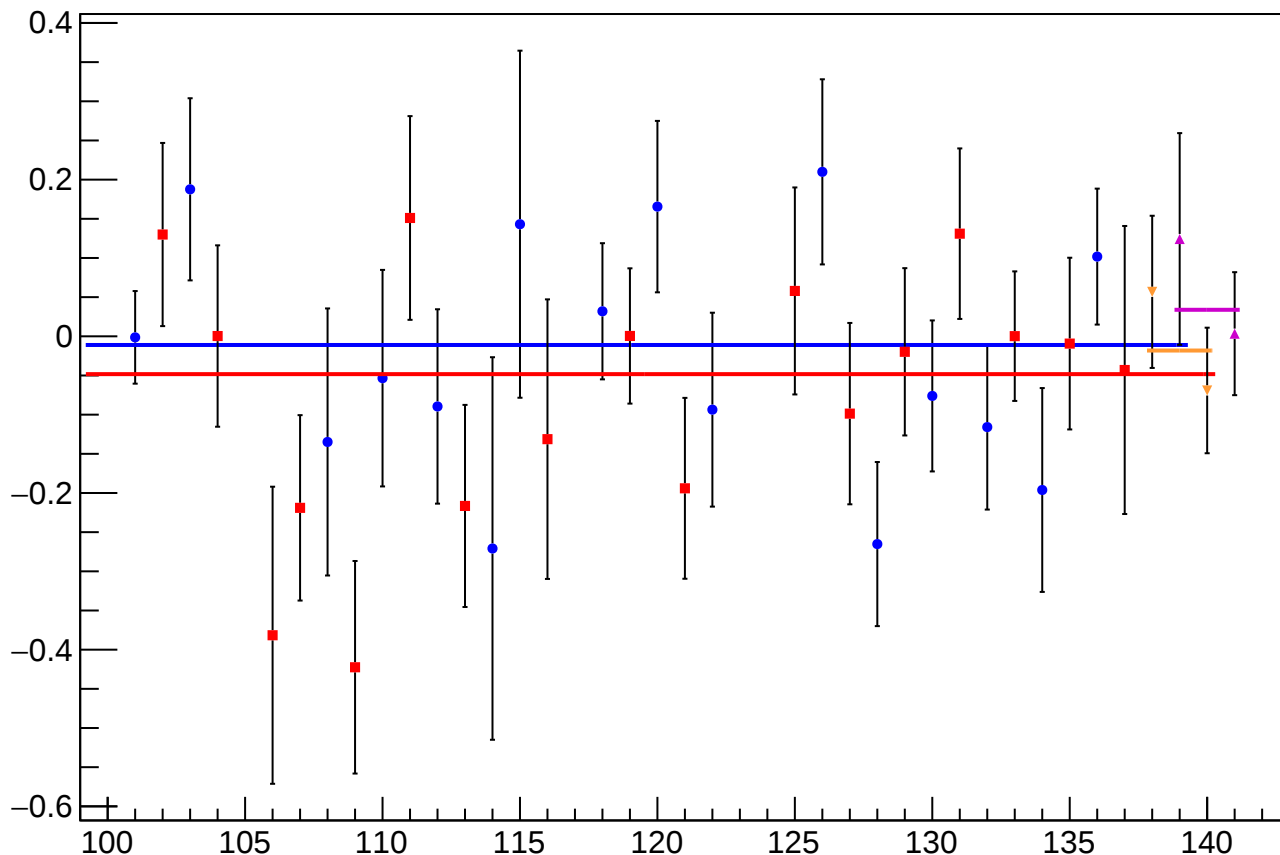
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.105 ± 0.035 χ^2/NDF : 34.7/17

Out: 0.172 ± 0.036 χ^2/NDF : 11.5/18

All: 0.138 ± 0.025 χ^2/NDF : 48.0/36

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: -0.018 ± 0.062 χ^2/NDF : 1.0/1

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.034 ± 0.068 χ^2/NDF : 0.6/1

Left: 0.005 ± 0.046 χ^2/NDF : 1.9/3

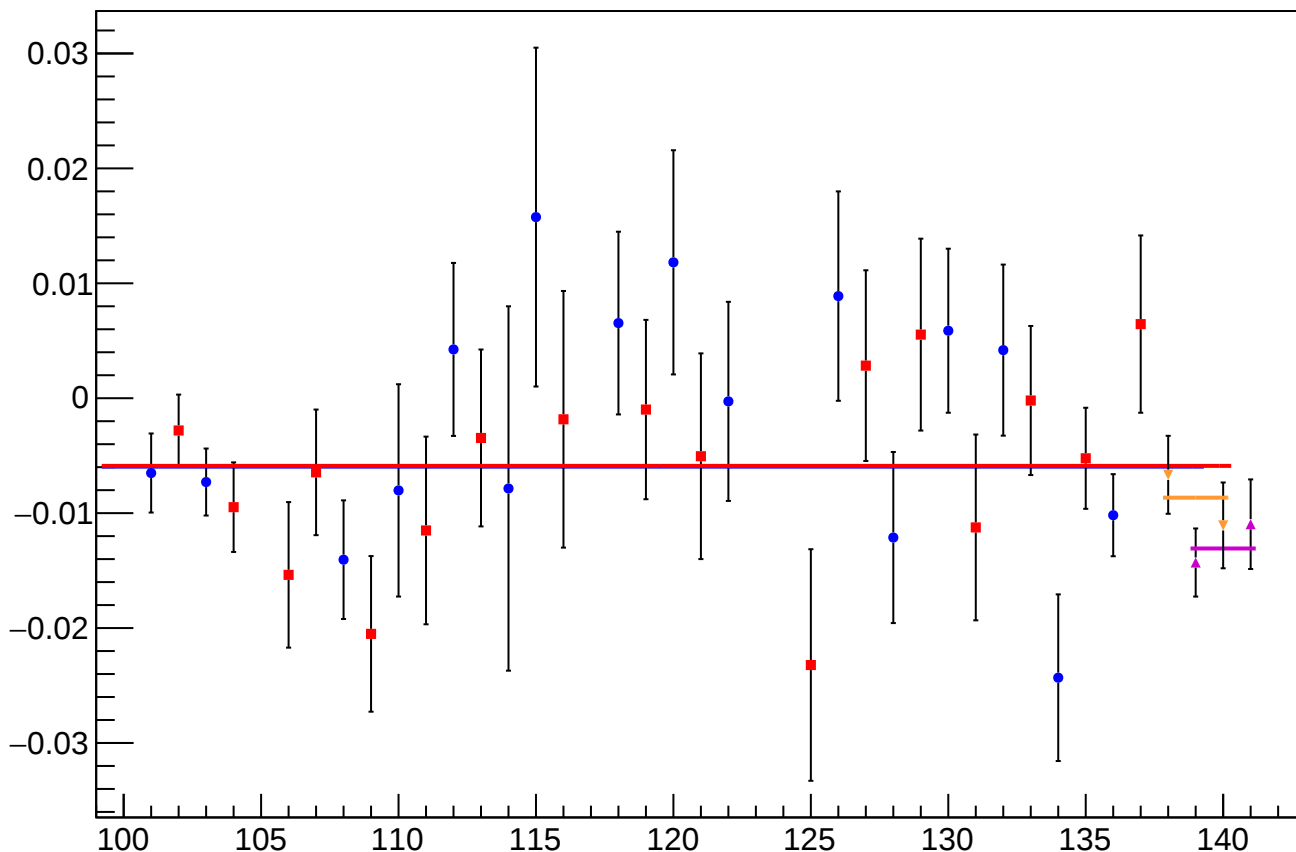
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.005 ± 0.025 χ^2/NDF : 24.4/17

Out: -0.043 ± 0.026 χ^2/NDF : 26.7/18

All: -0.023 ± 0.018 χ^2/NDF : 52.3/36

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 ± 0.003 χ^2/NDF : 0.8/1

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.013 ± 0.002 χ^2/NDF : 0.5/1

Left: -0.011 ± 0.002 χ^2/NDF : 2.9/3

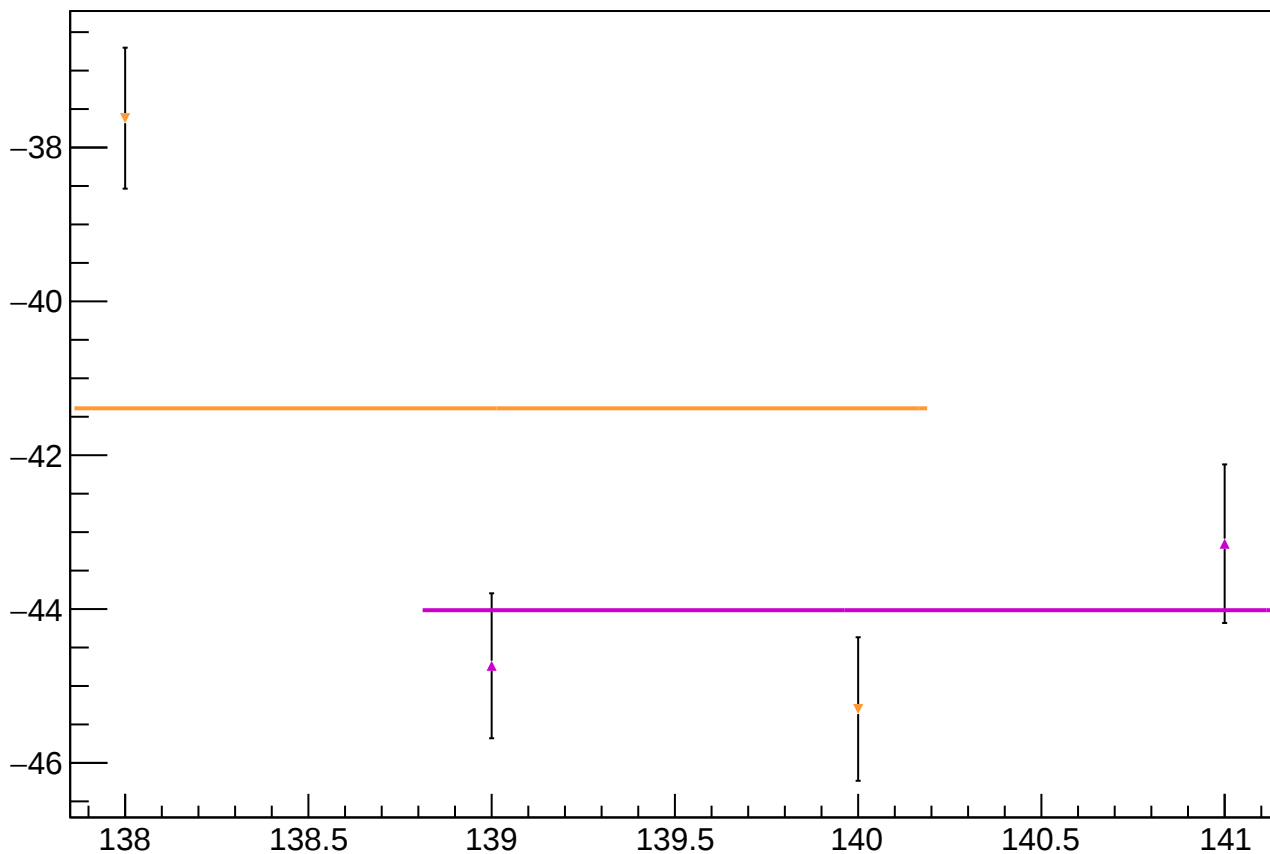
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 35.9/17

Out: -0.007 ± 0.001 χ^2/NDF : 21.2/18

All: -0.007 ± 0.001 χ^2/NDF : 57.6/36

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.015+/-0.695 χ^2/NDF : 1.3/1

Left: -42.622+/-0.476 χ^2/NDF : 43.4/3

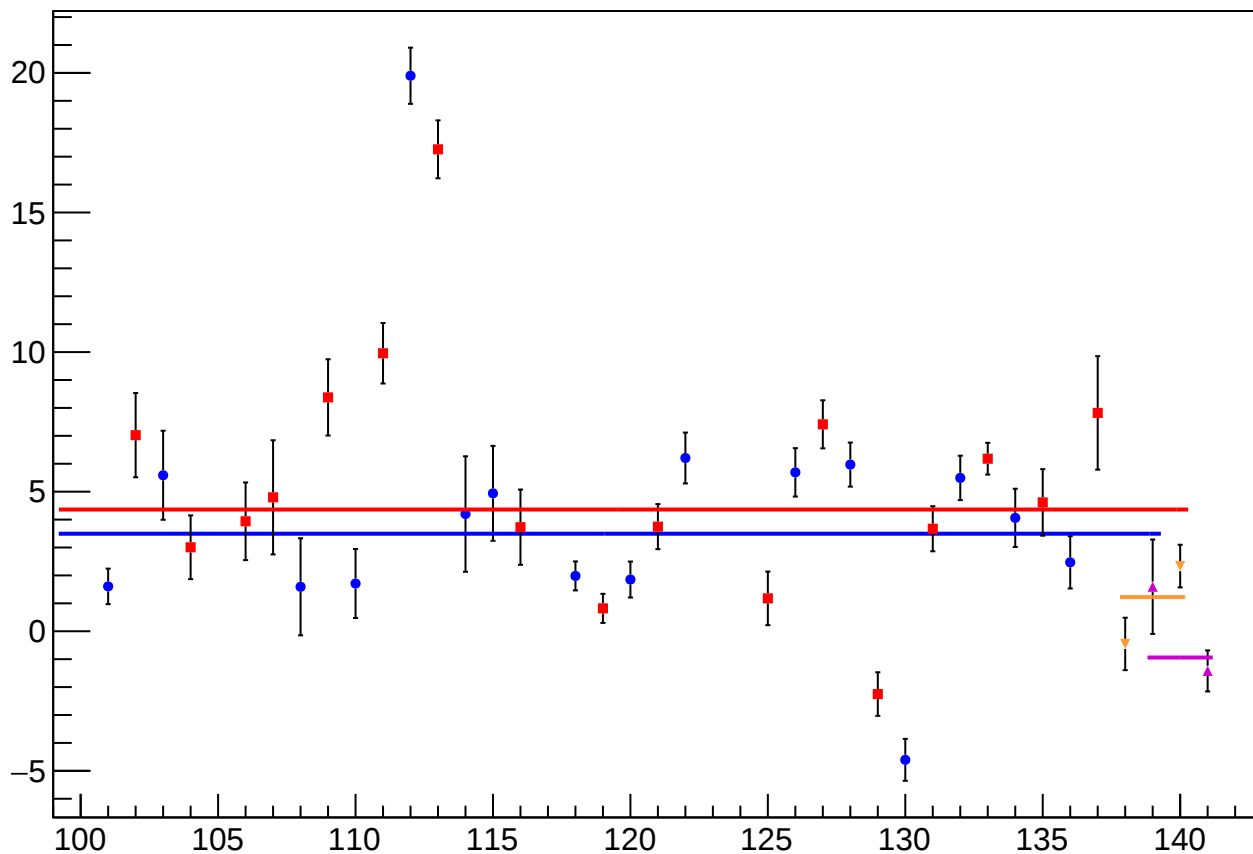
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.015+/-0.695 χ^2/NDF : 1.3/1

Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

All: -42.622+/-0.476 χ^2/NDF : 43.4/3

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.224 ± 0.593 $\chi^2/\text{NDF}: 5.3/1$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: -0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

Left: 0.281 ± 0.445 $\chi^2/\text{NDF}: 13.8/3$

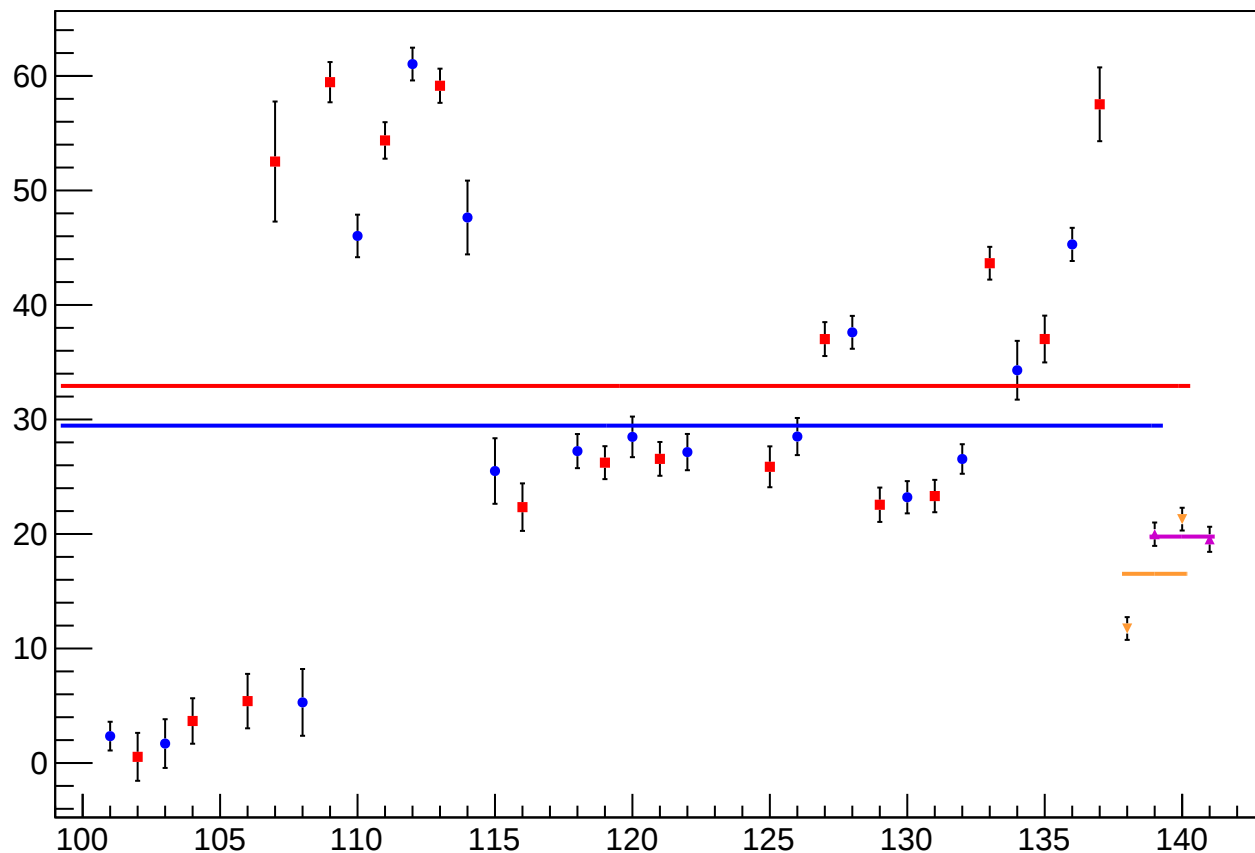
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 3.076 ± 0.207 $\chi^2/\text{NDF}: 486.7/17$

Out: 3.964 ± 0.211 $\chi^2/\text{NDF}: 380.7/18$

All: 3.512 ± 0.148 $\chi^2/\text{NDF}: 876.5/36$

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: 16.523±/0.703 χ^2/NDF :46.2/1

Right Out: 32.930±/0.423 χ^2/NDF : 1624.4/16

Left In: 19.774±/0.747 χ^2/NDF :0.1/1

Left: 18.049±/0.512 χ^2/NDF : 56.3/3

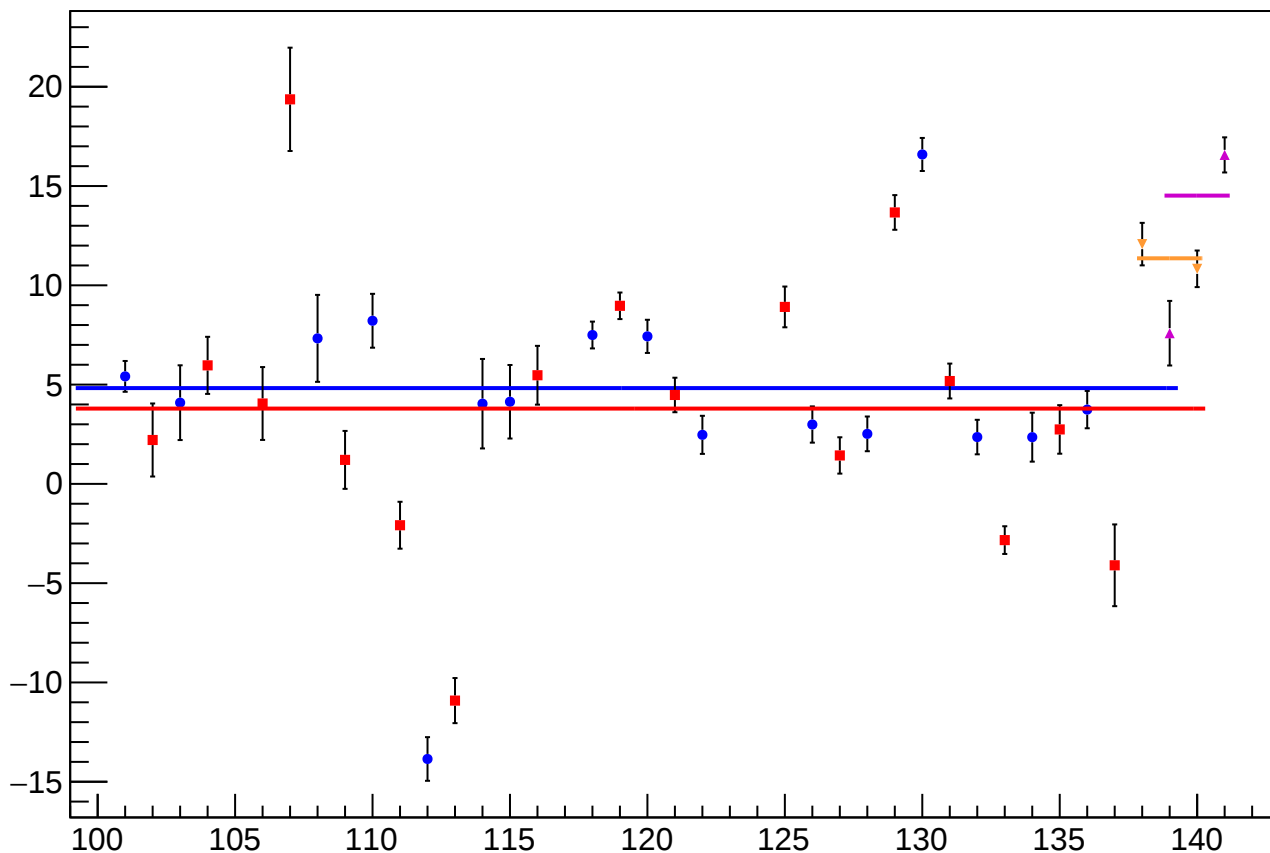
Right: 31.172±/0.297 χ^2/NDF : 3150.0/32

In: 27.156±/0.364 χ^2/NDF :1619.9/17

Out: 28.557±/0.363 χ^2/NDF :2070.7/18

All: 27.860±/0.257 χ^2/NDF : 3698.0/36

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824+/-0.252 χ^2/NDF : 552.9/15

Left Out: 11.360+/-0.698 χ^2/NDF : 0.8/1

Right Out: 3.792+/-0.259 χ^2/NDF : 563.6/16

Left In: 14.518+/-0.777 χ^2/NDF : 23.5/1

Left: 12.771+/-0.519 χ^2/NDF : 33.4/3

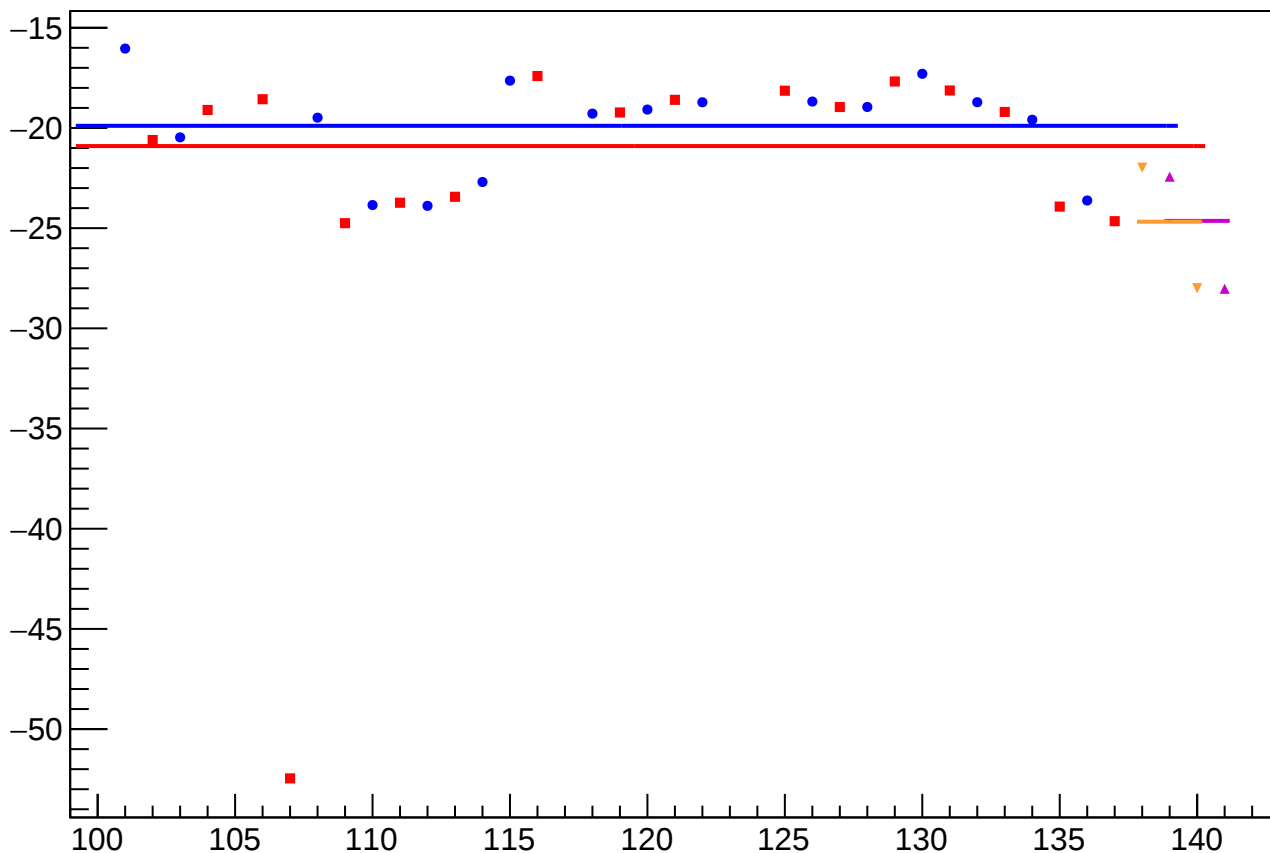
Right: 4.323+/-0.180 χ^2/NDF : 1124.7/32

In: 5.744+/-0.239 χ^2/NDF : 717.3/17

Out: 4.707+/-0.243 χ^2/NDF : 667.7/18

All: 5.233+/-0.170 χ^2/NDF : 1394.2/36

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -24.677 ± 0.029 $\chi^2/\text{NDF}: 10615.1/1$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -24.637 ± 0.028 $\chi^2/\text{NDF}: 9648.3/1$

Left: -24.656 ± 0.020 $\chi^2/\text{NDF}: 20264.4/3$

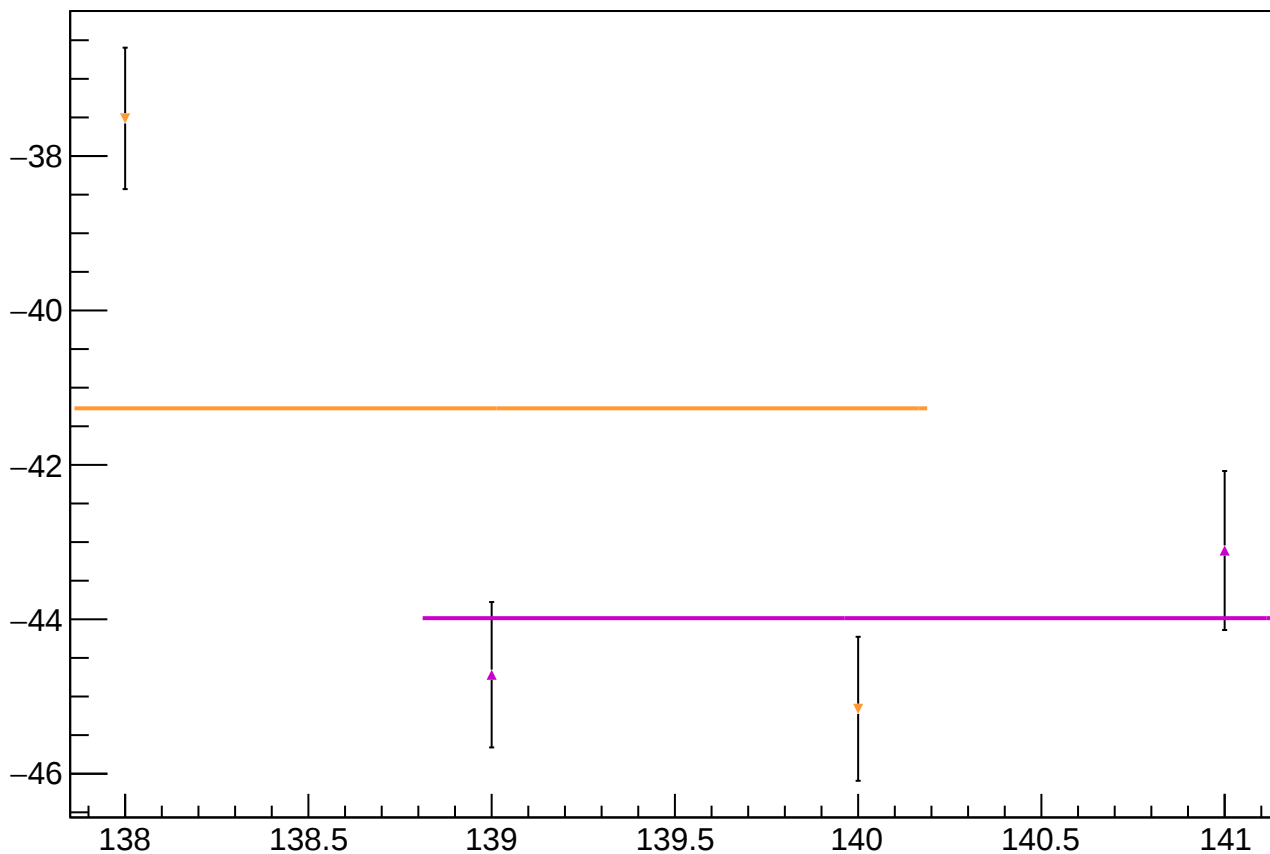
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -21.025 ± 0.014 $\chi^2/\text{NDF}: 57858.9/17$

Out: -21.760 ± 0.014 $\chi^2/\text{NDF}: 116470.7/18$

All: -21.386 ± 0.010 $\chi^2/\text{NDF}: 175766.4/36$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.267 ± 0.653 χ^2/NDF : 34.2/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -43.985 ± 0.695 χ^2/NDF : 1.3/1

Left: -42.543 ± 0.476 χ^2/NDF : 43.7/3

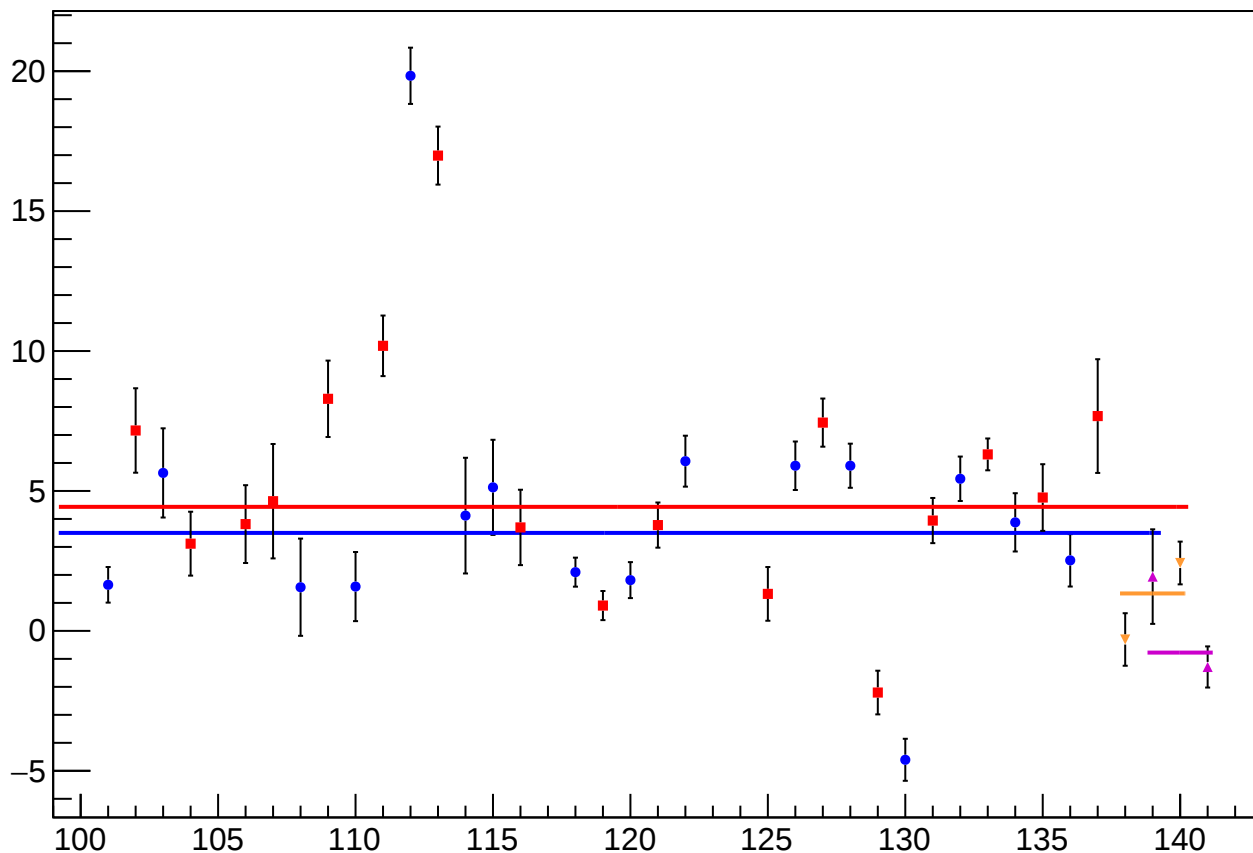
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -43.985 ± 0.695 χ^2/NDF : 1.3/1

Out: -41.267 ± 0.653 χ^2/NDF : 34.2/1

All: -42.543 ± 0.476 χ^2/NDF : 43.7/3

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501±/0.218 χ^2/NDF : 441.9/15

Left Out: 1.337±/0.592 χ^2/NDF : 5.1/1

Right Out: 4.432±/0.225 χ^2/NDF : 343.6/16

Left In: -0.776±/0.674 χ^2/NDF : 3.1/1

Left: 0.416±/0.445 χ^2/NDF : 13.7/3

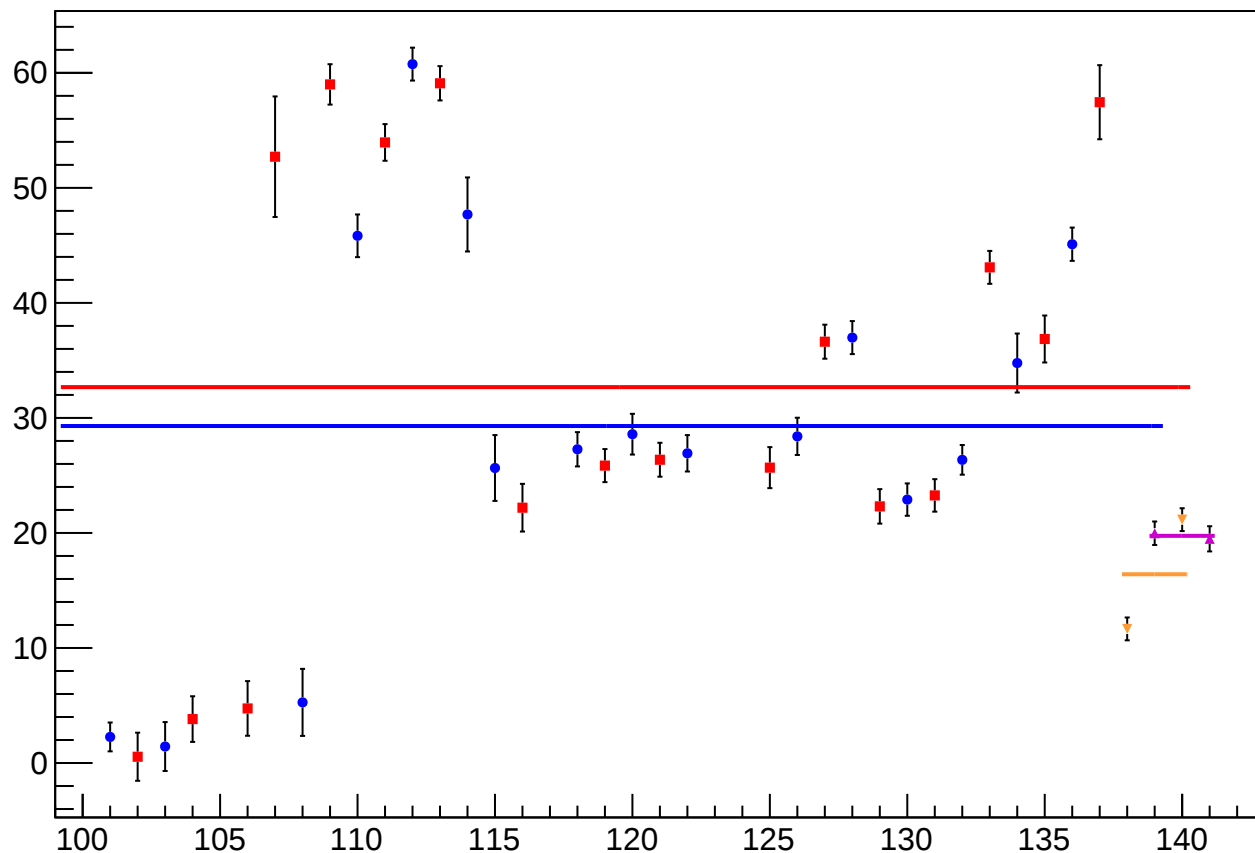
Right: 3.951±/0.156 χ^2/NDF : 794.3/32

In: 3.098±/0.207 χ^2/NDF : 481.5/17

Out: 4.041±/0.210 χ^2/NDF : 372.5/18

All: 3.562±/0.148 χ^2/NDF : 864.2/36

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: 16.409 $\pm$ 0.702 χ^2 /NDF:45.7/1

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 19.750 $\pm$ 0.746 χ^2 /NDF:0.1/1

Left: 17.978 $\pm$ 0.511 χ^2 /NDF: 56.5/3

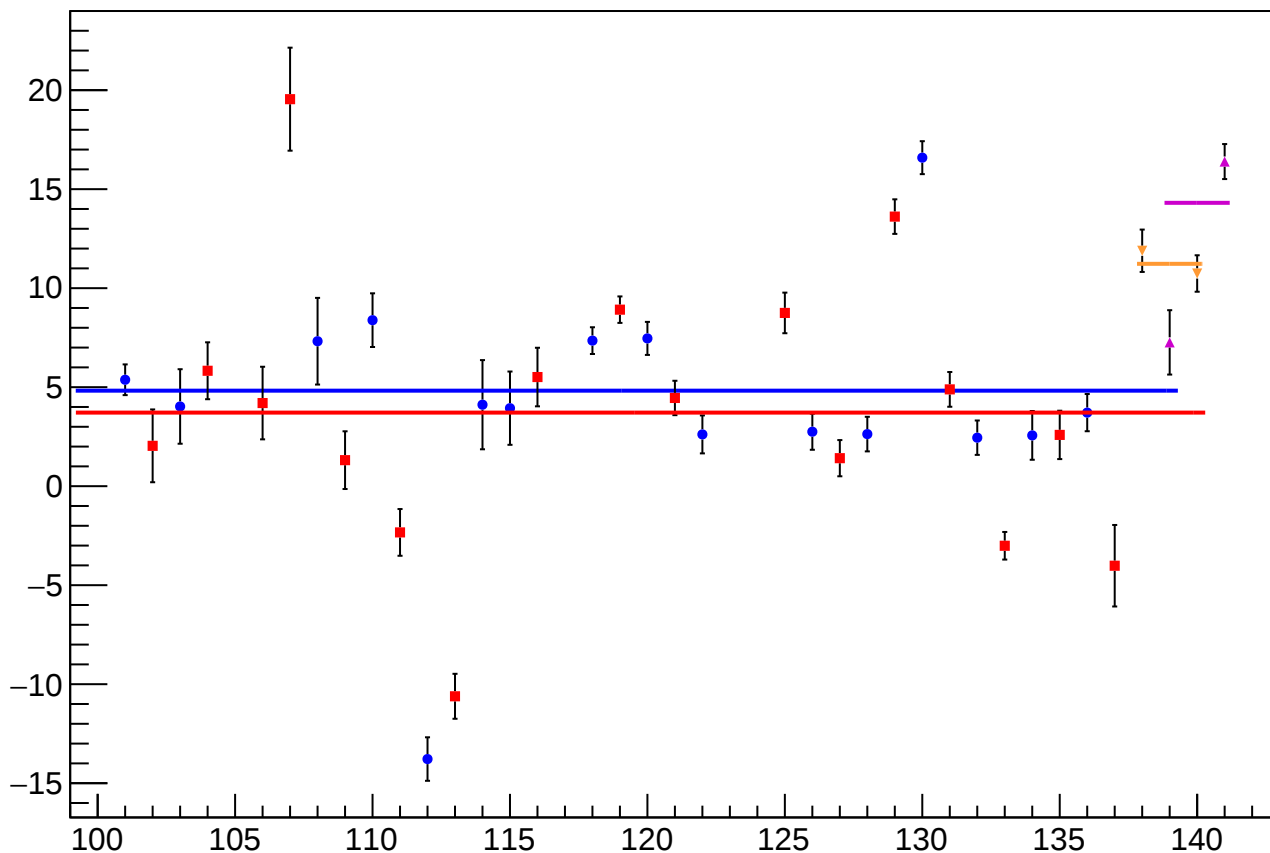
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 27.024 $\pm$ 0.364 χ^2 /NDF:1610.0/17

Out: 28.343 $\pm$ 0.362 χ^2 /NDF:2054.3/18

All: 27.687 $\pm$ 0.257 χ^2 /NDF: 3670.9/36

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 11.230 ± 0.698 χ^2/NDF : 0.7/1

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 14.310 ± 0.777 χ^2/NDF : 24.4/1

Left: 12.606 ± 0.519 χ^2/NDF : 33.7/3

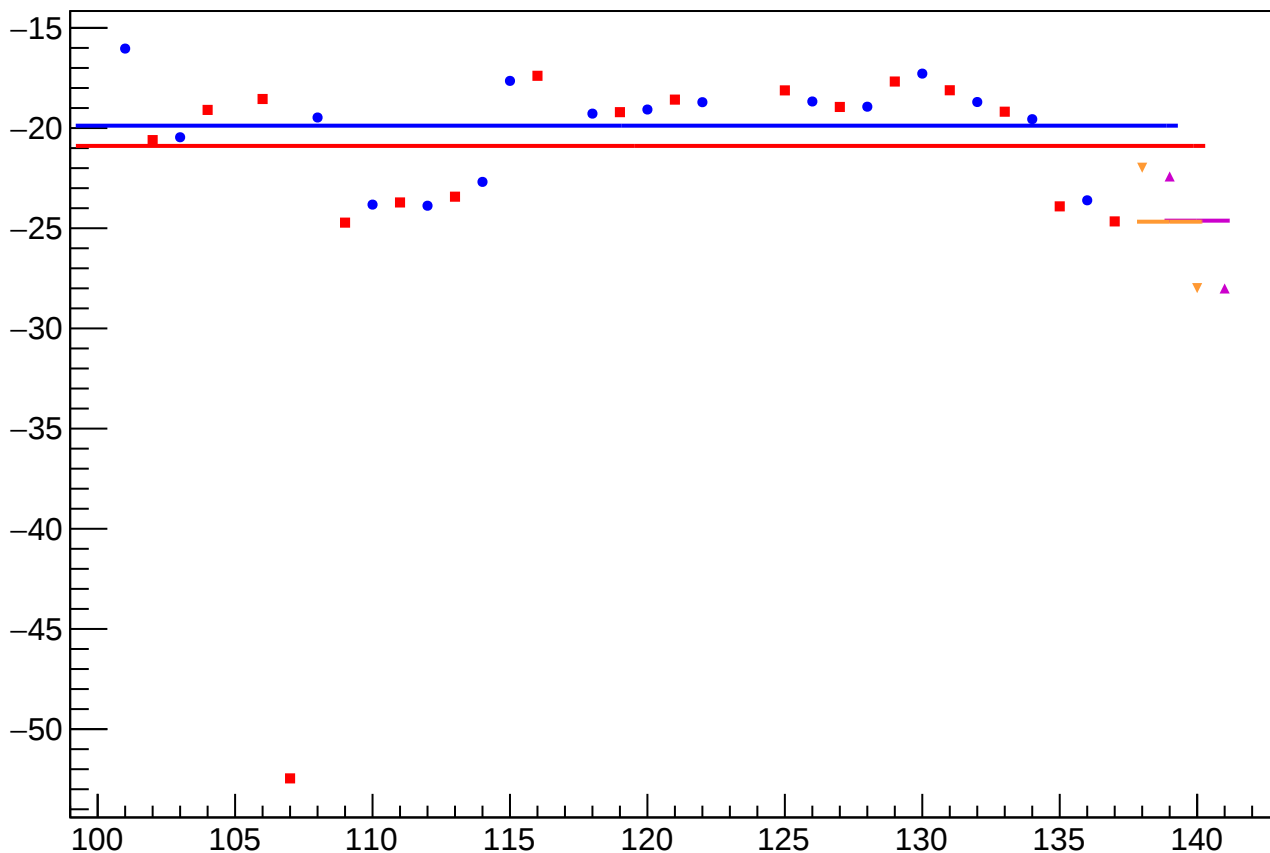
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 5.725 ± 0.239 χ^2/NDF : 708.7/17

Out: 4.624 ± 0.243 χ^2/NDF : 662.5/18

All: 5.182 ± 0.170 χ^2/NDF : 1381.6/36

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -24.673 $\pm$ 0.029 χ^2 /NDF:10600.7/1

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -24.621 $\pm$ 0.028 χ^2 /NDF:9649.0/1

Left: -24.646 $\pm$ 0.020 χ^2 /NDF: 20251.3/3

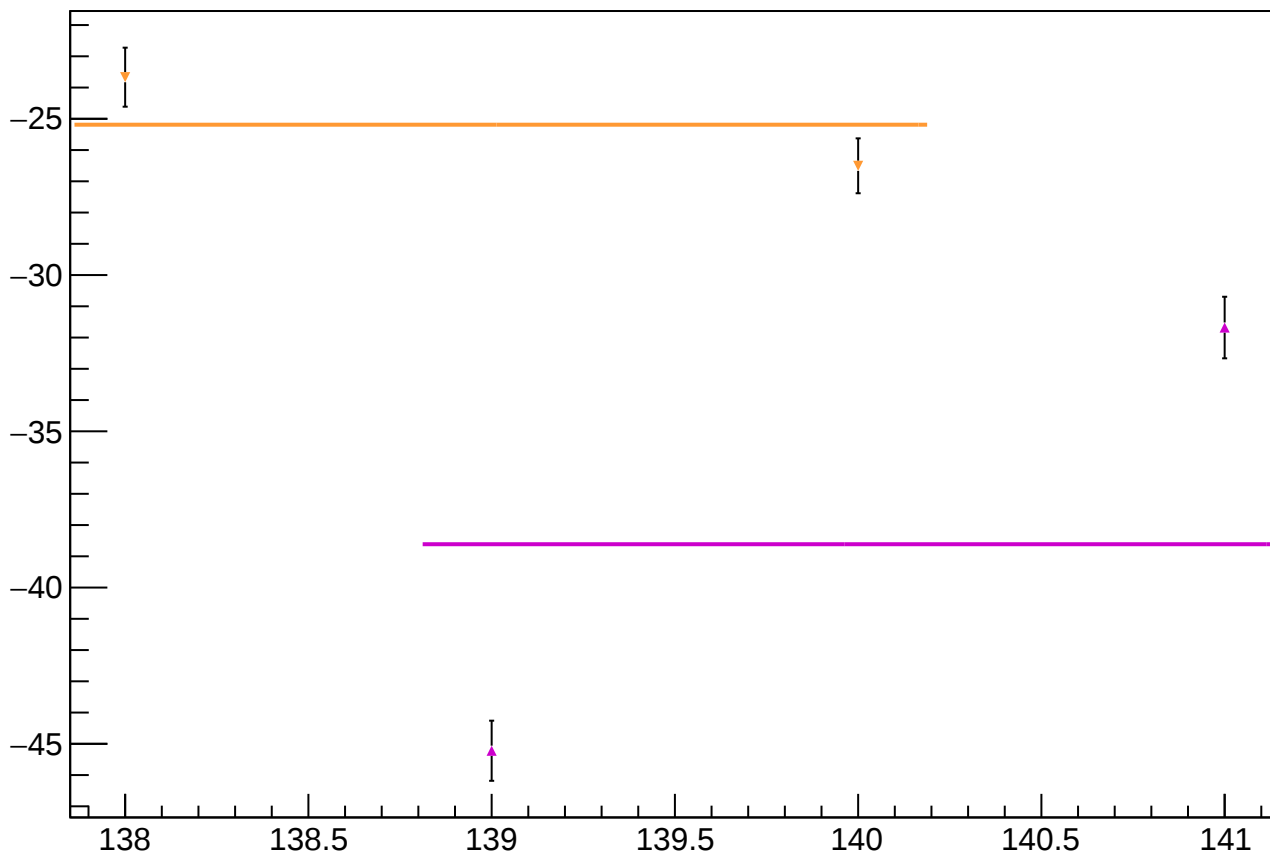
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.012 $\pm$ 0.014 χ^2 /NDF:57847.0/17

Out: -21.749 $\pm$ 0.014 χ^2 /NDF:116639.2/18

All: -21.374 $\pm$ 0.010 χ^2 /NDF: 175930.2/36

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: -25.189+/-0.643 χ^2/NDF : 4.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.613+/-0.688 χ^2/NDF : 96.7/1

Left: -31.447+/-0.470 χ^2/NDF : 304.7/3

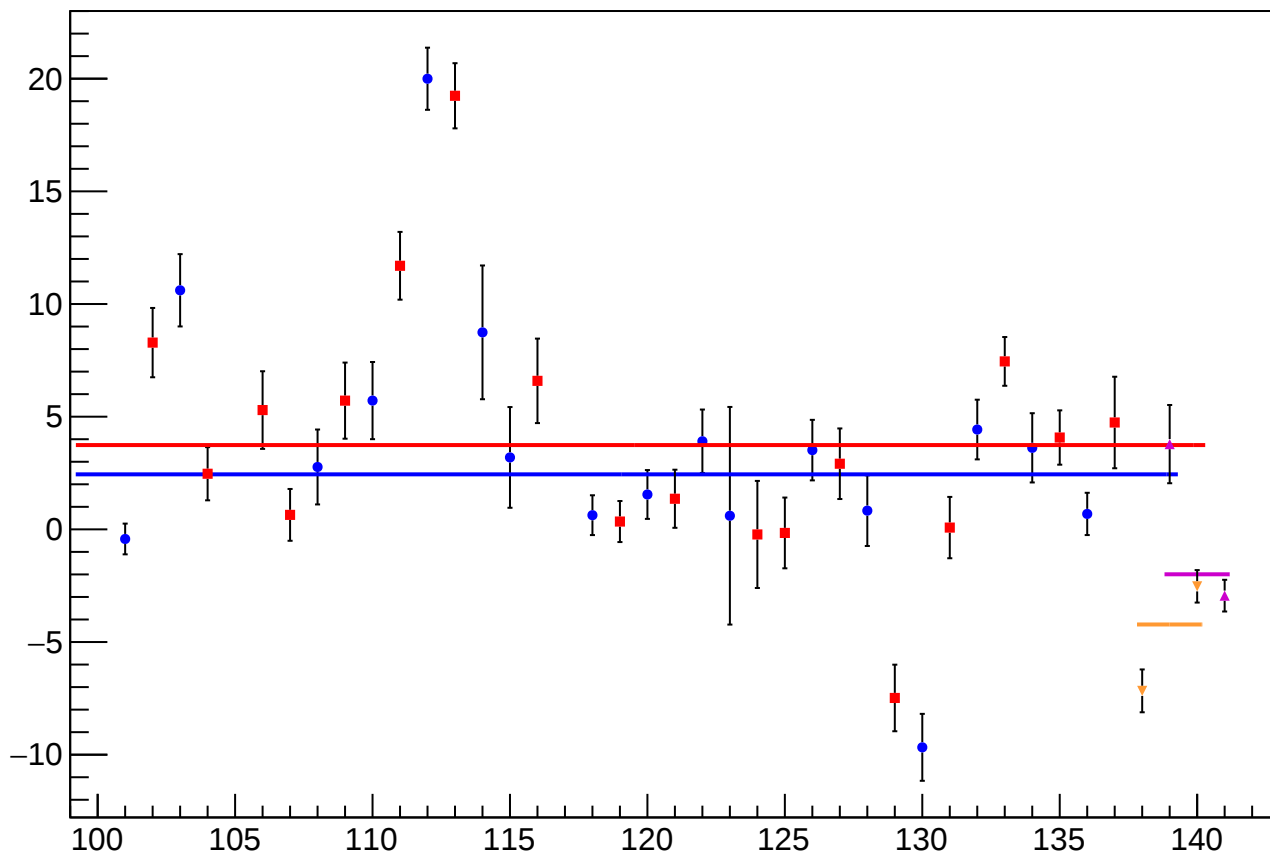
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.613+/-0.688 χ^2/NDF : 96.7/1

Out: -25.189+/-0.643 χ^2/NDF : 4.8/1

All: -31.447+/-0.470 χ^2/NDF : 304.7/3

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2/NDF : 294.7/16

Left Out: -4.221 $\pm$ 0.574 χ^2/NDF : 15.1/1

Right Out: 3.741 $\pm$ 0.327 χ^2/NDF : 268.1/17

Left In: -1.994 $\pm$ 0.652 χ^2/NDF : 12.9/1

Left: -3.248 $\pm$ 0.431 χ^2/NDF : 34.6/3

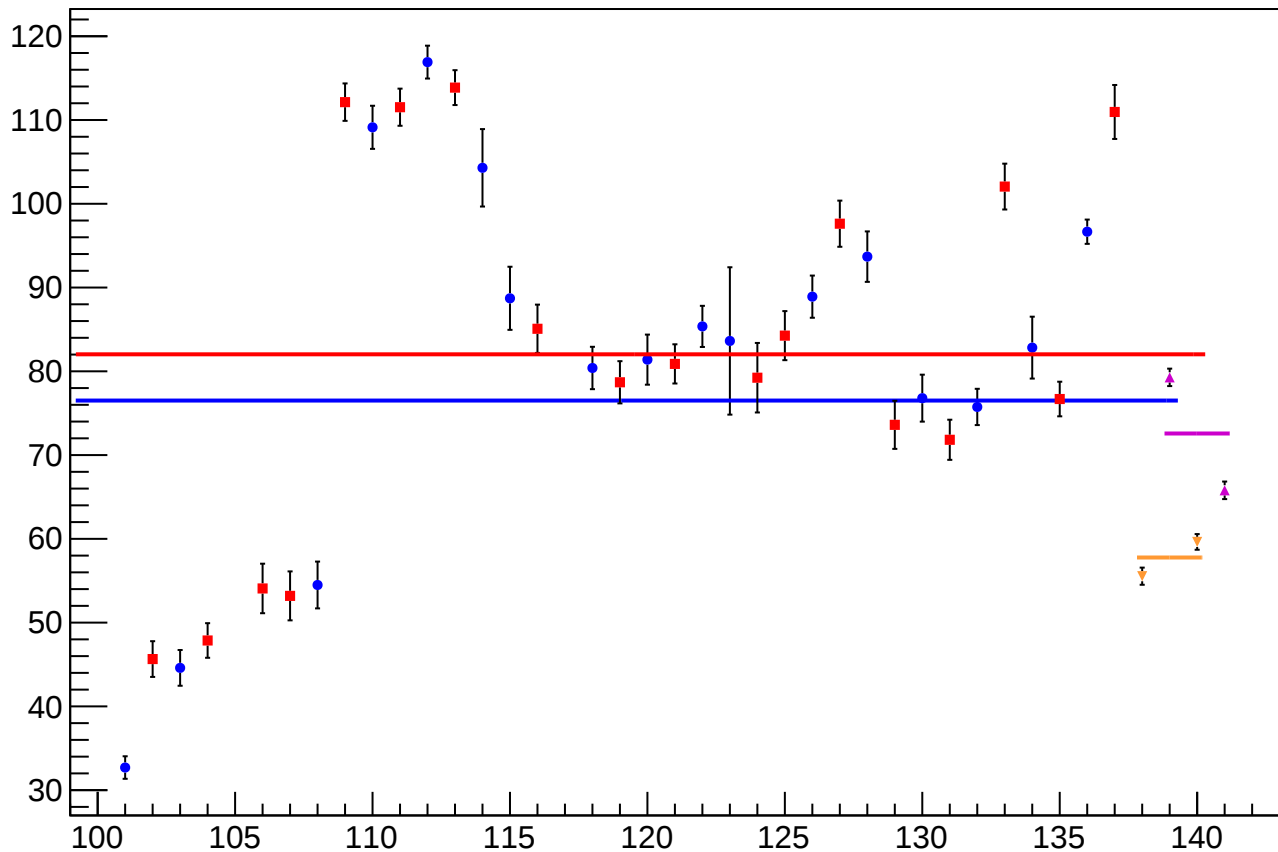
Right: 3.060 $\pm$ 0.225 χ^2/NDF : 571.1/34

In: 1.617 $\pm$ 0.281 χ^2/NDF : 345.3/18

Out: 1.794 $\pm$ 0.284 χ^2/NDF : 428.5/19

All: 1.704 $\pm$ 0.200 χ^2/NDF : 774.0/38

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 57.773+/-0.691 χ^2/NDF : 8.7/1

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 72.576+/-0.738 χ^2/NDF : 83.4/1

Left: 64.679+/-0.504 χ^2/NDF : 306.5/3

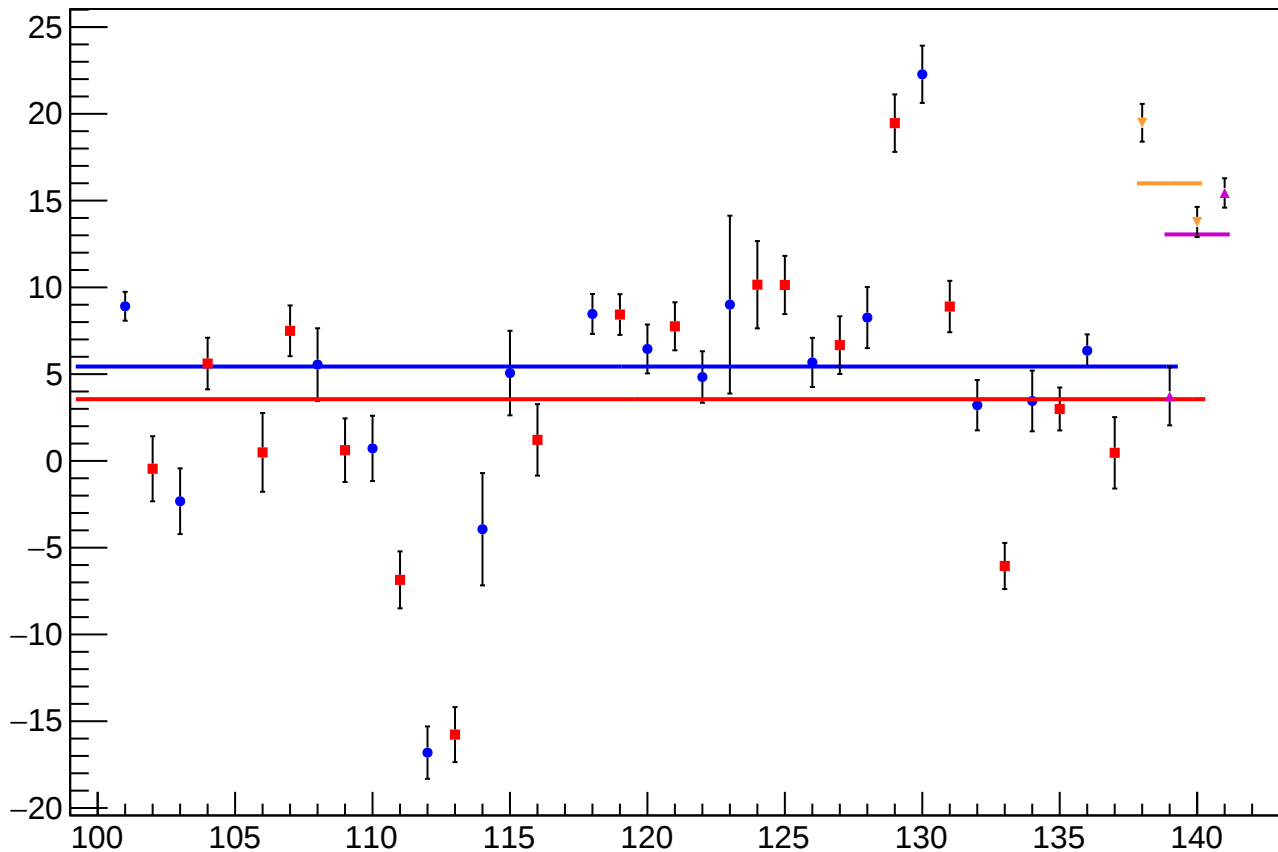
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 75.027+/-0.453 χ^2/NDF : 2351.9/18

Out: 71.741+/-0.450 χ^2/NDF : 2267.3/19

All: 73.371+/-0.319 χ^2/NDF : 4645.7/38

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: 15.995 $\pm$ 0.679 χ^2 /NDF:16.9/1

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 13.051 $\pm$ 0.755 χ^2 /NDF:39.1/1

Left: 14.678 $\pm$ 0.505 χ^2 /NDF: 64.4/3

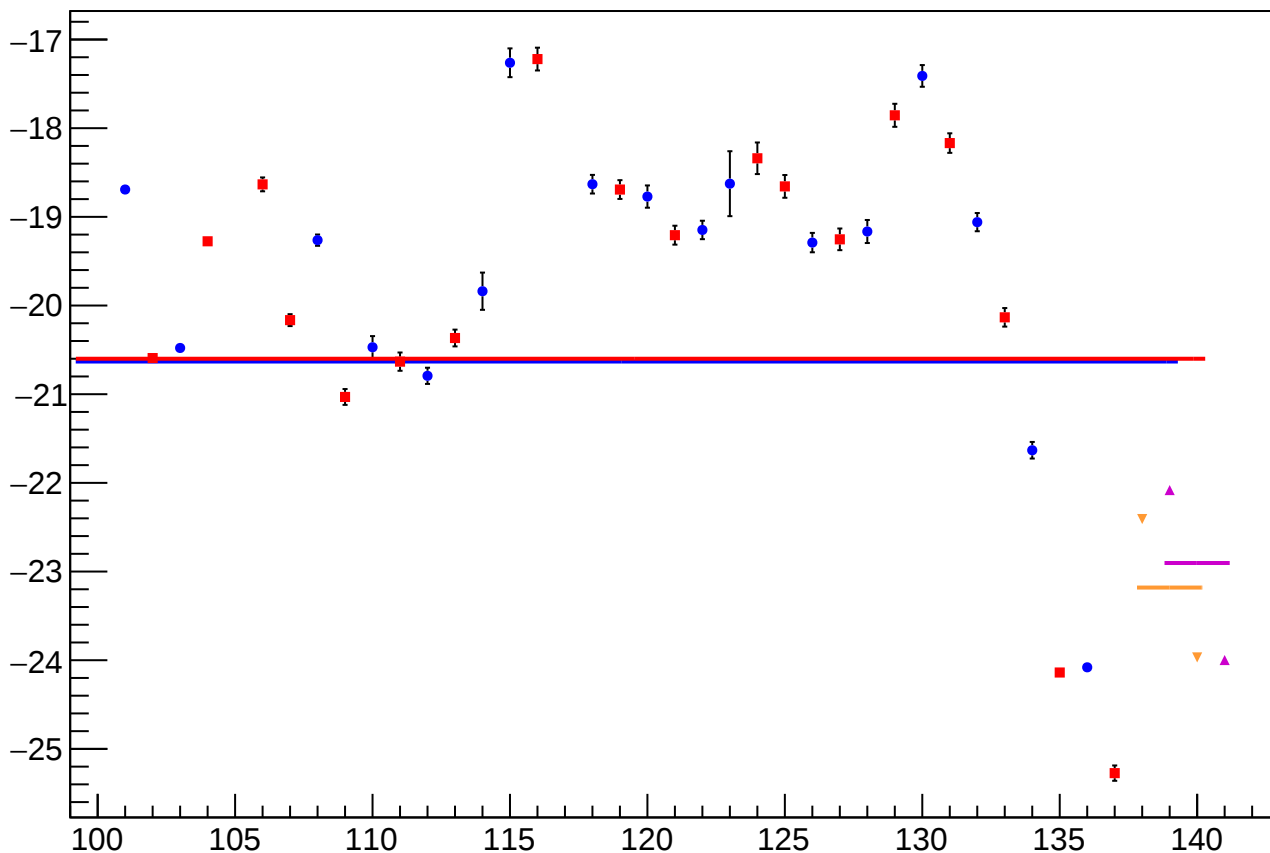
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 6.836 $\pm$ 0.323 χ^2 /NDF:508.4/18

Out: 6.467 $\pm$ 0.328 χ^2 /NDF:694.6/19

All: 6.654 $\pm$ 0.230 χ^2 /NDF: 1203.6/38

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: -23.181 ± 0.029 $\chi^2/\text{NDF}: 736.8/1$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -22.904 ± 0.028 $\chi^2/\text{NDF}: 1168.5/1$

Left: -23.037 ± 0.020 $\chi^2/\text{NDF}: 1953.3/3$

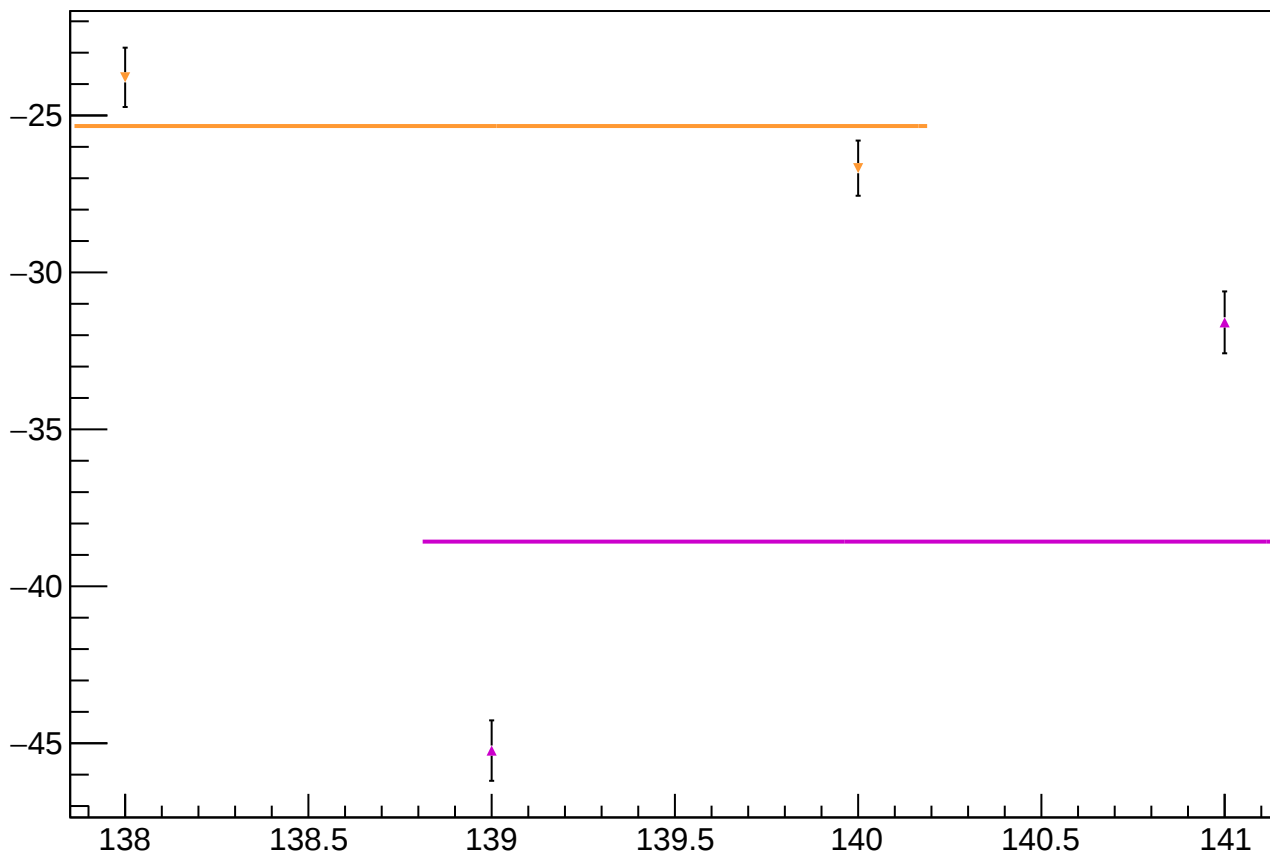
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -21.372 ± 0.016 $\chi^2/\text{NDF}: 18189.6/18$

Out: -21.411 ± 0.016 $\chi^2/\text{NDF}: 18237.3/19$

All: -21.391 ± 0.011 $\chi^2/\text{NDF}: 36429.9/38$

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: -25.337+/-0.644 χ^2/NDF : 5.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Left: -31.509+/-0.470 χ^2/NDF : 300.3/3

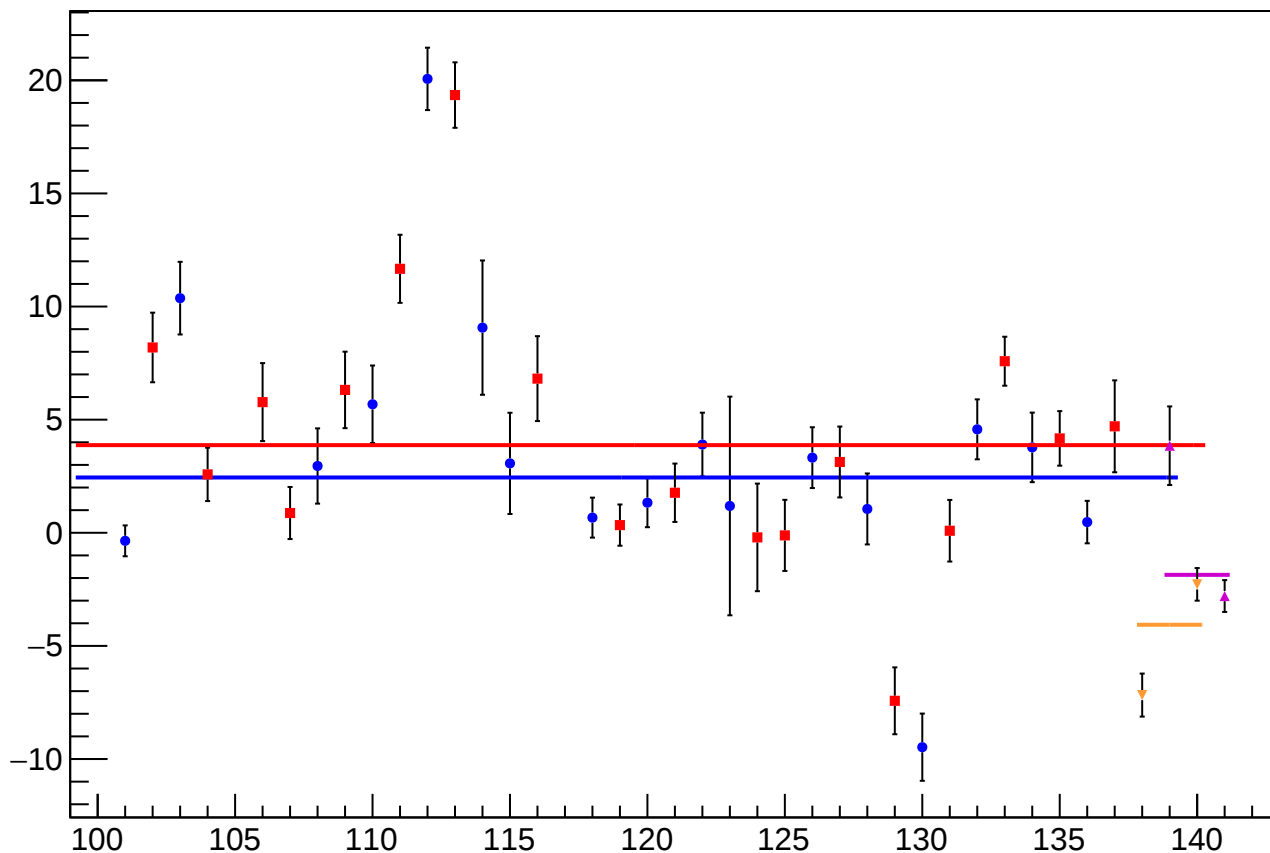
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Out: -25.337+/-0.644 χ^2/NDF : 5.0/1

All: -31.509+/-0.470 χ^2/NDF : 300.3/3

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: -4.066 ± 0.575 χ^2/NDF : 16.8/1

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: -1.859 ± 0.652 χ^2/NDF : 12.6/1

Left: -3.102 ± 0.431 χ^2/NDF : 35.8/3

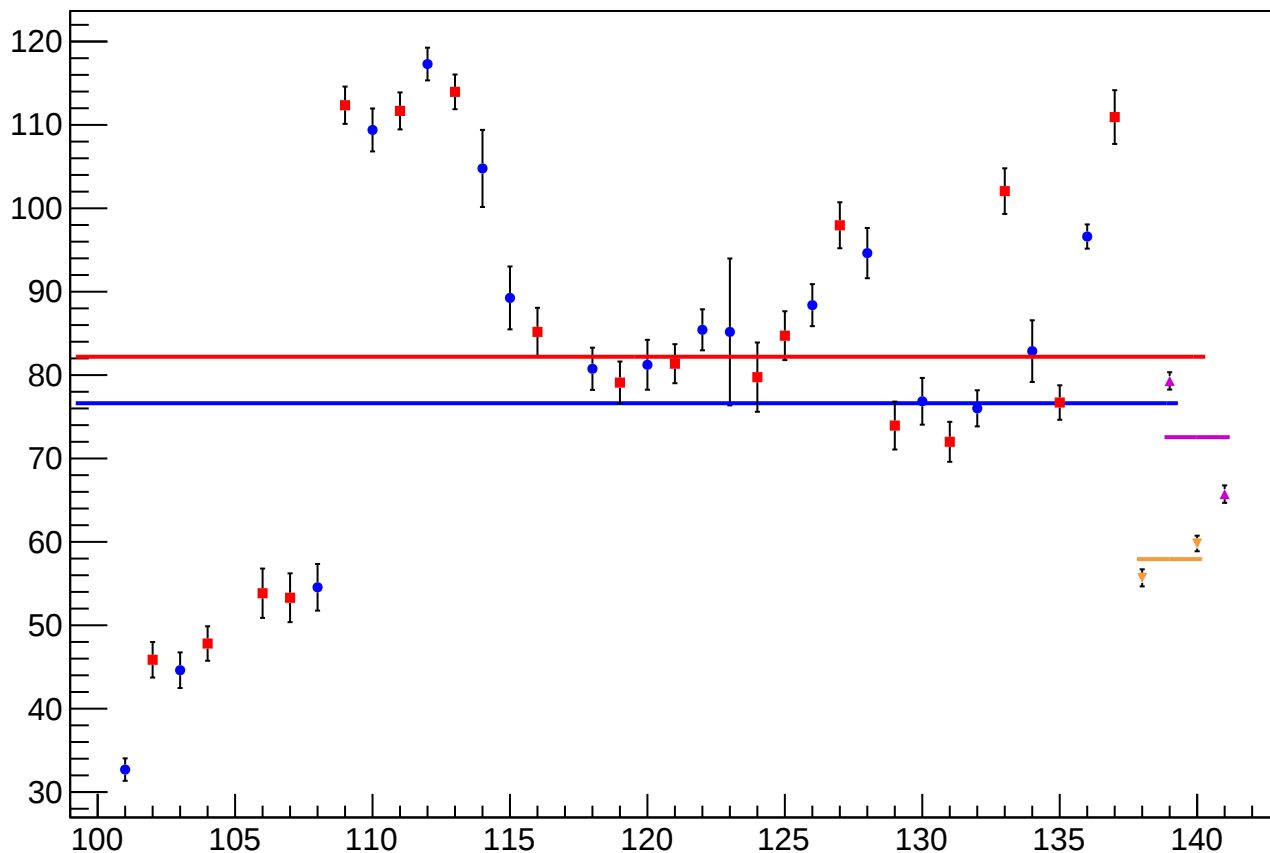
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.645 ± 0.281 χ^2/NDF : 340.7/18

Out: 1.933 ± 0.284 χ^2/NDF : 429.4/19

All: 1.787 ± 0.200 χ^2/NDF : 770.6/38

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: 57.934 $\pm$ 0.691 χ^2 /NDF: 8.8/1

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 72.555 $\pm$ 0.739 χ^2 /NDF: 84.3/1

Left: 64.755 $\pm$ 0.505 χ^2 /NDF: 302.0/3

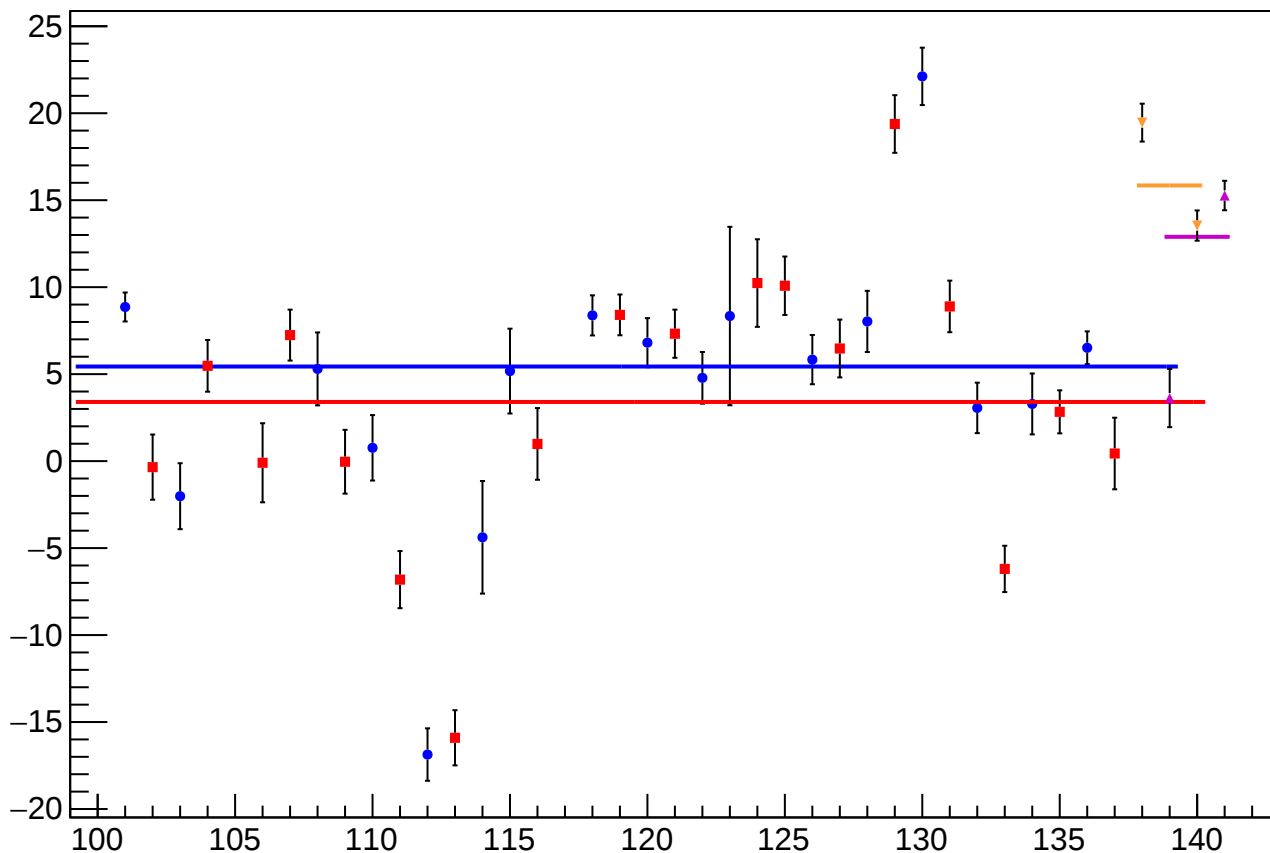
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 75.093 $\pm$ 0.454 χ^2 /NDF: 2366.1/18

Out: 71.910 $\pm$ 0.450 χ^2 /NDF: 2269.3/19

All: 73.489 $\pm$ 0.319 χ^2 /NDF: 4660.2/38

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 15.847 ± 0.679 $\chi^2/\text{NDF}: 18.0/1$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 12.894 ± 0.755 $\chi^2/\text{NDF}: 38.6/1$

Left: 14.526 ± 0.505 $\chi^2/\text{NDF}: 65.1/3$

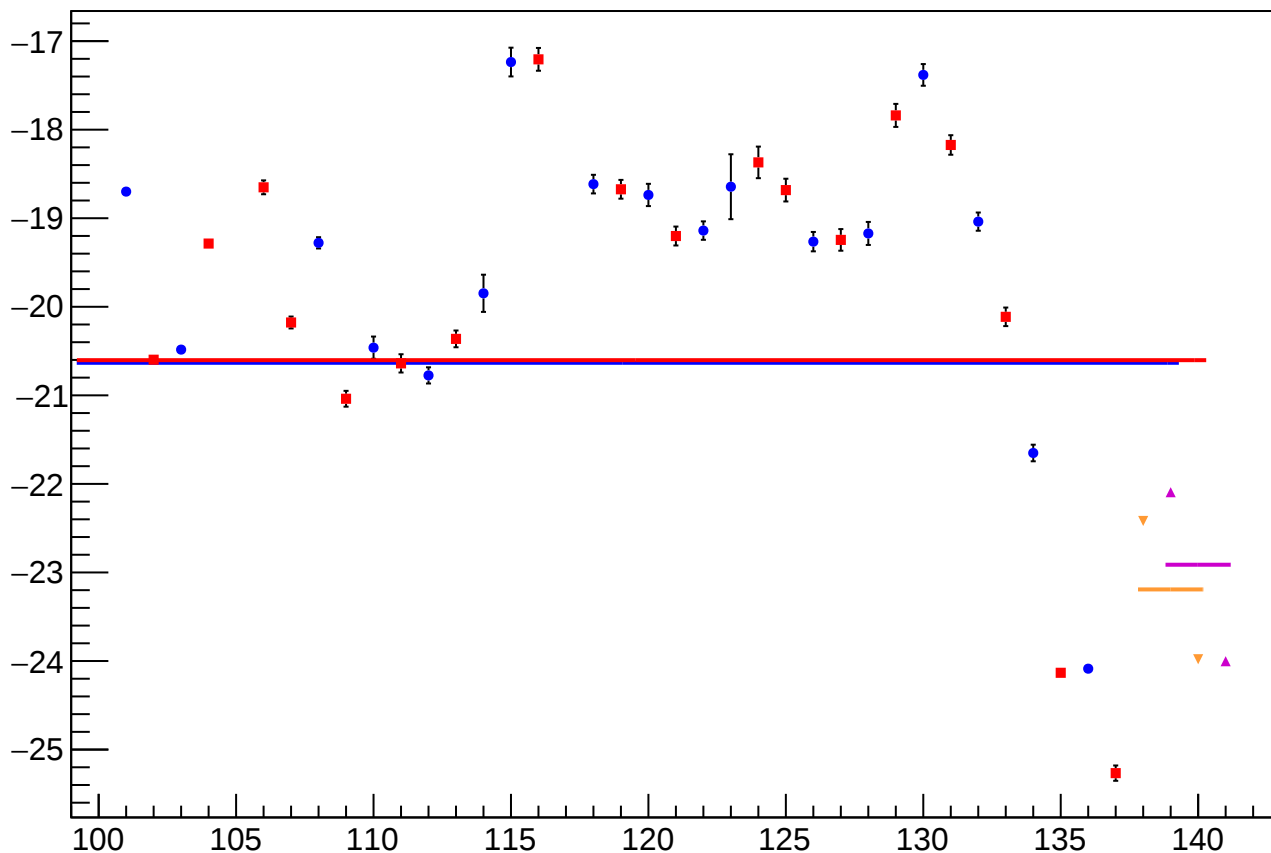
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 6.805 ± 0.324 $\chi^2/\text{NDF}: 502.7/18$

Out: 6.312 ± 0.329 $\chi^2/\text{NDF}: 696.0/19$

All: 6.563 ± 0.231 $\chi^2/\text{NDF}: 1199.8/38$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -23.192 $\pm$ 0.029 χ^2 /NDF: 736.6/1

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -22.913 $\pm$ 0.028 χ^2 /NDF: 1157.0/1

Left: -23.047 $\pm$ 0.020 χ^2 /NDF: 1942.3/3

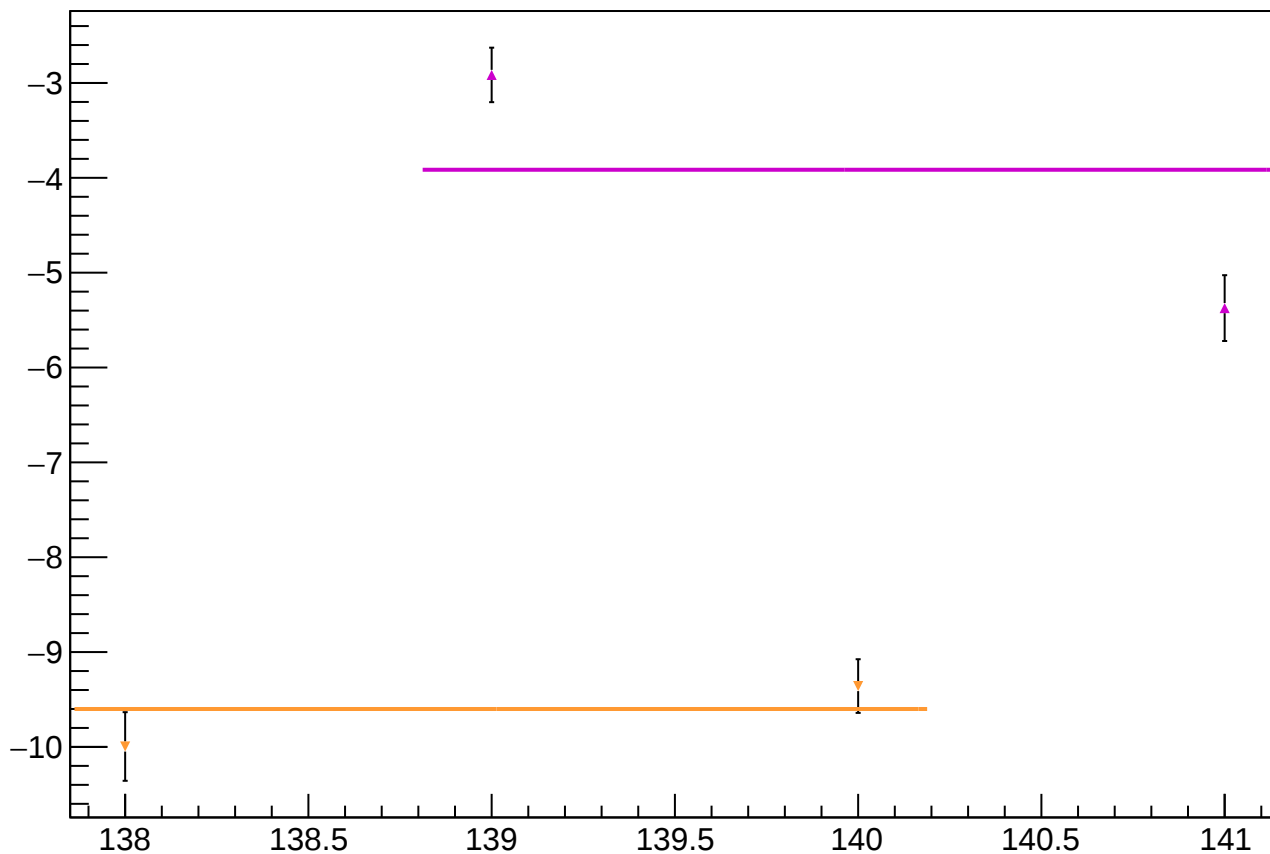
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -21.375 $\pm$ 0.016 χ^2 /NDF: 18246.9/18

Out: -21.416 $\pm$ 0.016 χ^2 /NDF: 18217.7/19

All: -21.395 $\pm$ 0.011 χ^2 /NDF: 36467.9/38

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: -9.600+/-0.223 χ^2/NDF : 1.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.915+/-0.221 χ^2/NDF : 29.8/1

Left: -6.737+/-0.157 χ^2/NDF : 359.4/3

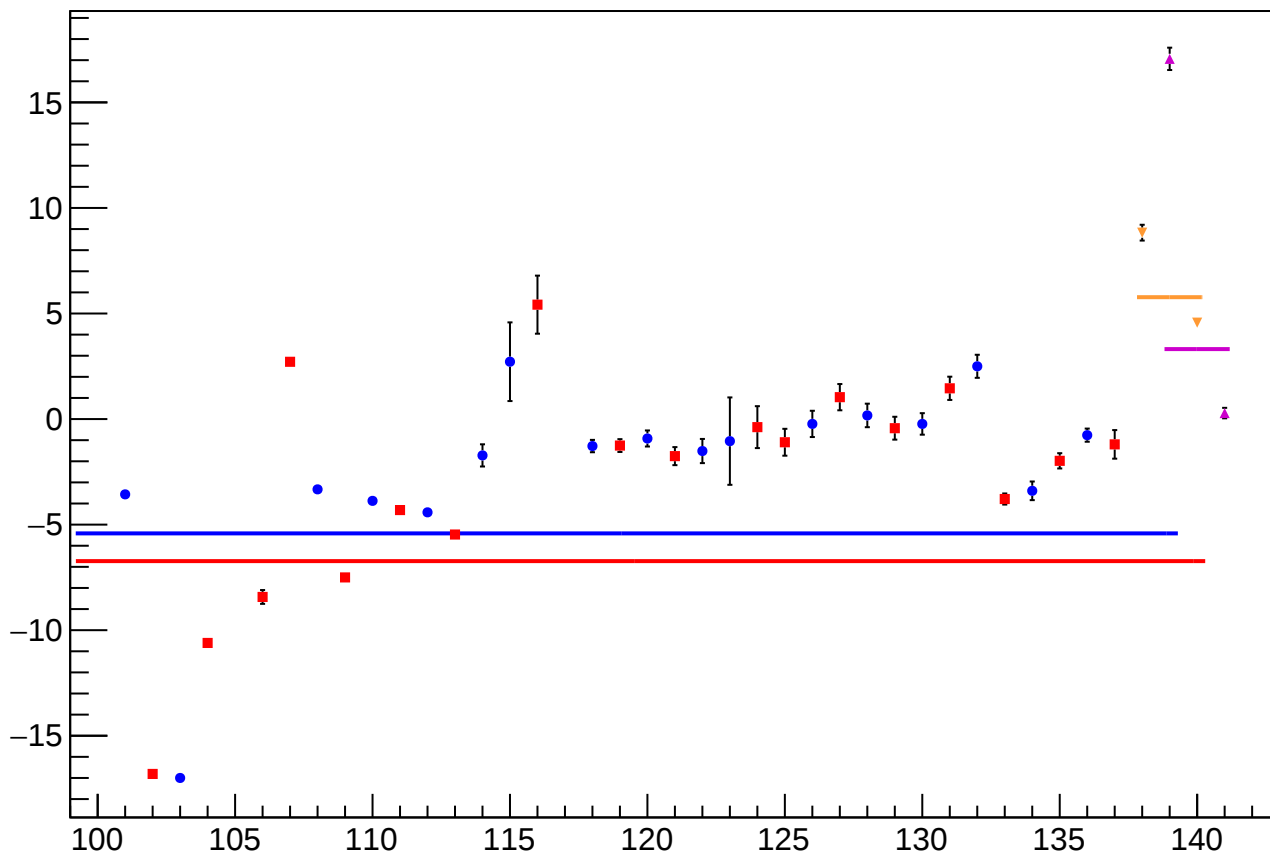
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.915+/-0.221 χ^2/NDF : 29.8/1

Out: -9.600+/-0.223 χ^2/NDF : 1.9/1

All: -6.737+/-0.157 χ^2/NDF : 359.4/3

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: 5.773 ± 0.199 χ^2/NDF : 92.9/1

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 3.314 ± 0.225 χ^2/NDF : 823.9/1

Left: 4.693 ± 0.149 χ^2/NDF : 983.9/3

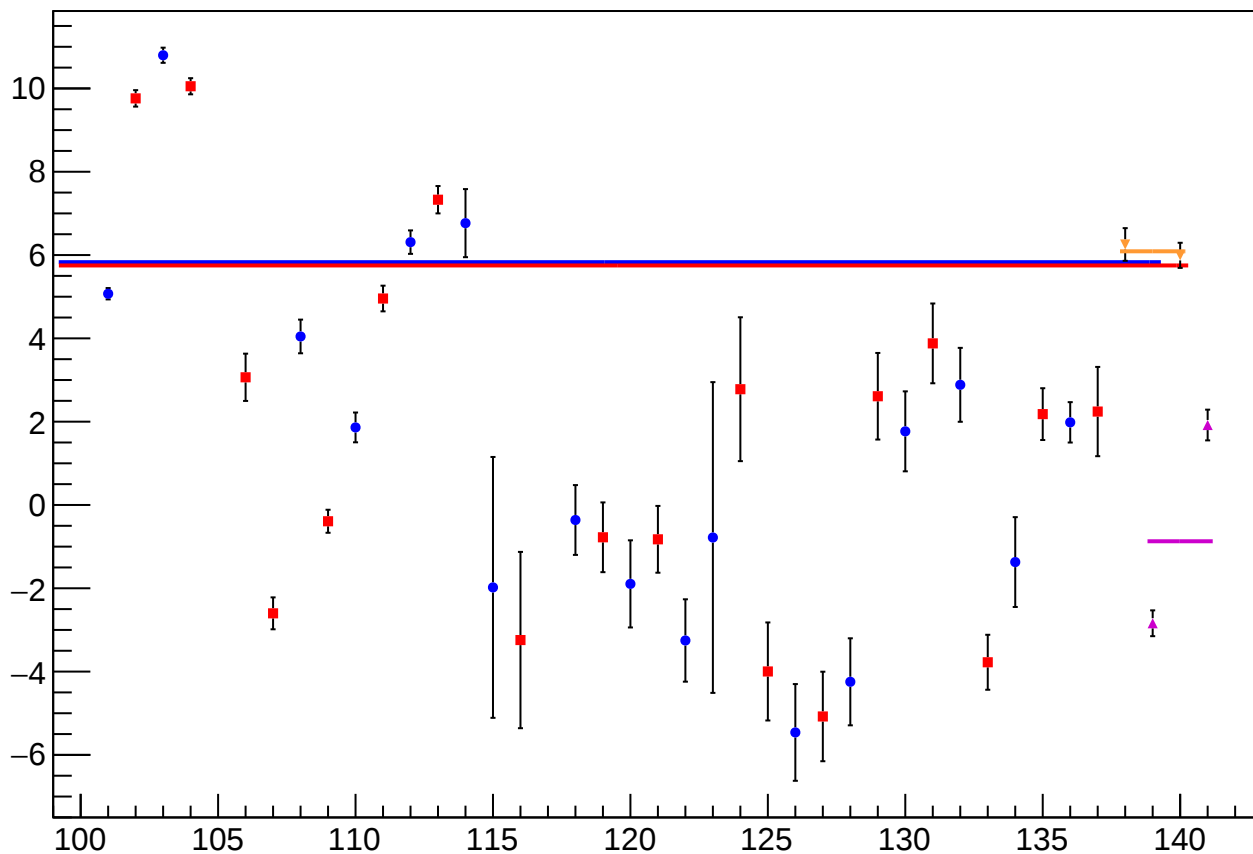
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -4.927 ± 0.053 χ^2/NDF : 11501.5/18

Out: -5.694 ± 0.057 χ^2/NDF : 14926.1/19

All: -5.282 ± 0.039 χ^2/NDF : 26523.8/38

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829+/-0.090 χ^2/NDF : 1448.3/16

Left Out: 6.090+/-0.239 χ^2/NDF : 0.3/1

Right Out: 5.750+/-0.096 χ^2/NDF : 2511.0/17

Left In: -0.871+/-0.237 χ^2/NDF : 97.6/1

Left: 2.583+/-0.168 χ^2/NDF : 525.0/3

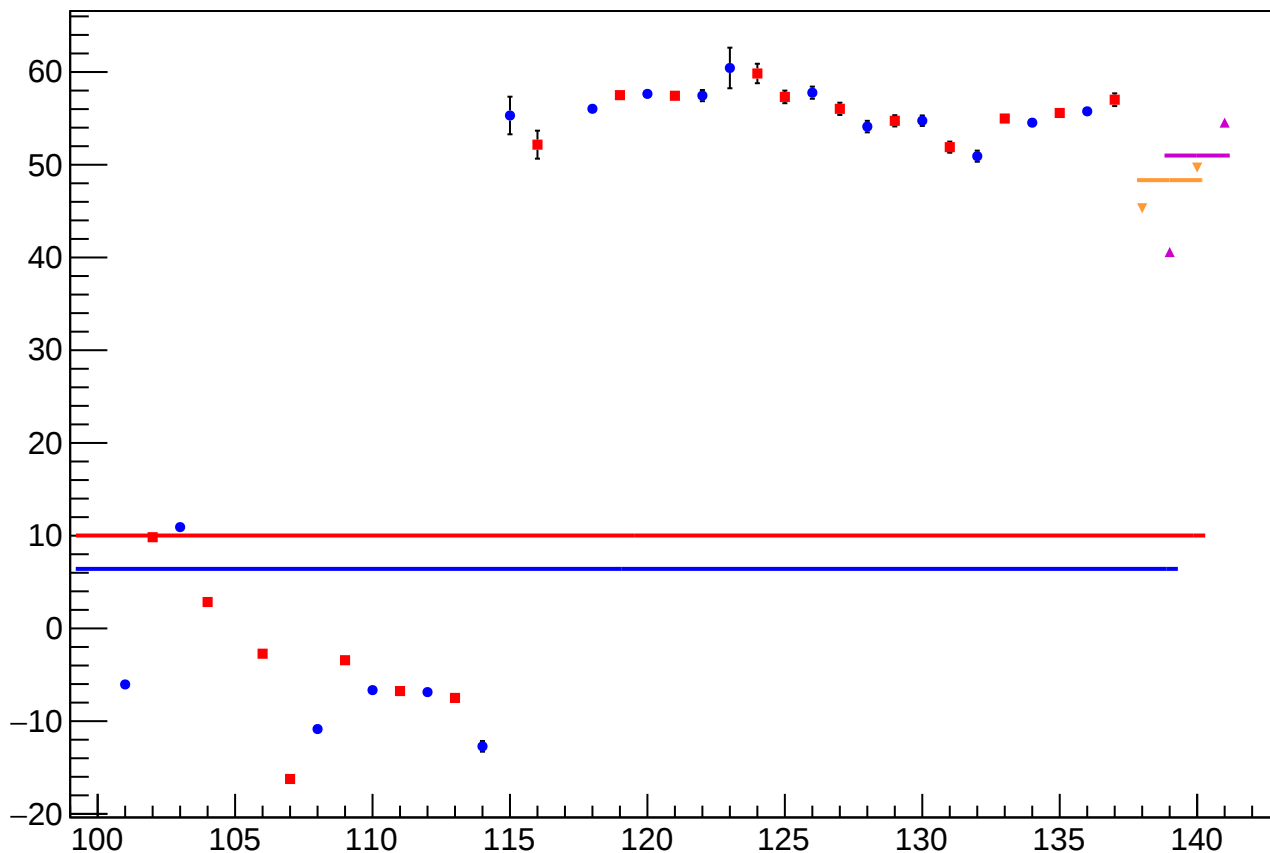
Right: 5.792+/-0.066 χ^2/NDF : 3959.6/34

In: 4.992+/-0.084 χ^2/NDF : 2243.6/18

Out: 5.798+/-0.089 χ^2/NDF : 2513.0/19

All: 5.370+/-0.061 χ^2/NDF : 4799.9/38

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 48.341 ± 0.236 $\chi^2/\text{NDF}: 73.8/1$

Right Out: 10.019 ± 0.071 $\chi^2/\text{NDF}: 122082.4/17$

Left In: 50.993 ± 0.258 $\chi^2/\text{NDF}: 557.5/1$

Left: 49.549 ± 0.174 $\chi^2/\text{NDF}: 689.1/3$

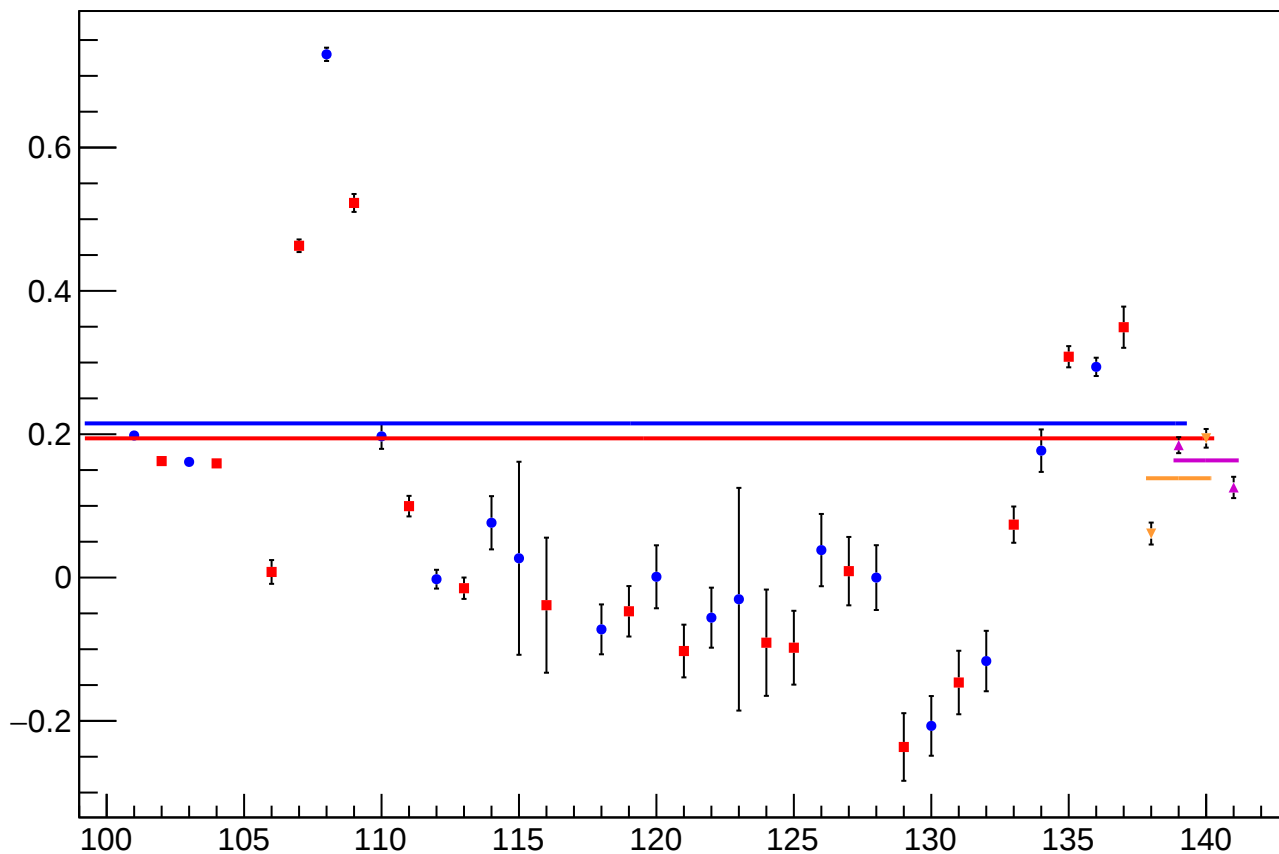
Right: 8.061 ± 0.048 $\chi^2/\text{NDF}: 246600.2/34$

In: 9.069 ± 0.063 $\chi^2/\text{NDF}: 151835.9/18$

Out: 13.187 ± 0.068 $\chi^2/\text{NDF}: 146427.7/19$

All: 10.972 ± 0.046 $\chi^2/\text{NDF}: 300251.3/38$

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: 0.139 $\pm$ 0.010 χ^2 /NDF:43.7/1

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.163 $\pm$ 0.009 χ^2 /NDF:10.1/1

Left: 0.152 $\pm$ 0.007 χ^2 /NDF: 57.3/3

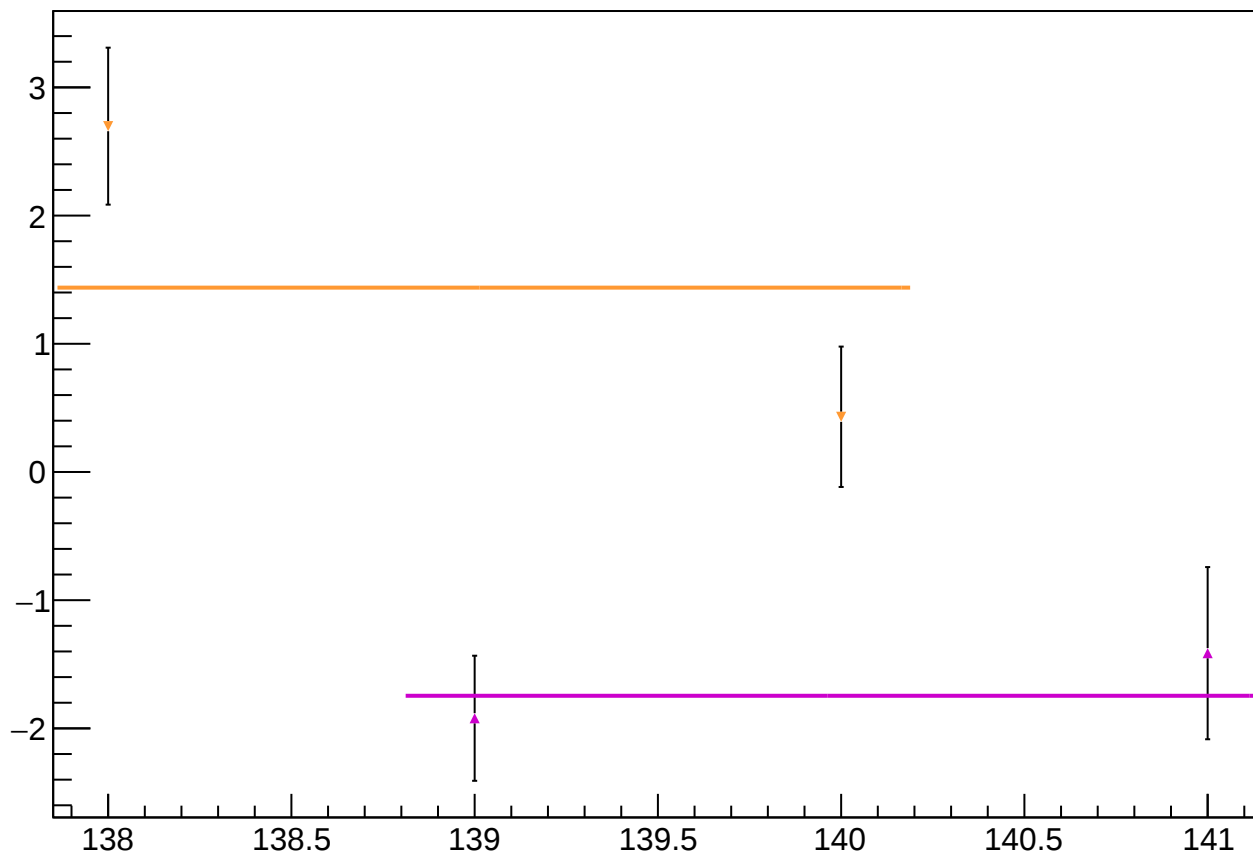
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3967.8/18

Out: 0.190 $\pm$ 0.003 χ^2 /NDF:2593.1/19

All: 0.200 $\pm$ 0.002 χ^2 /NDF: 6590.3/38

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

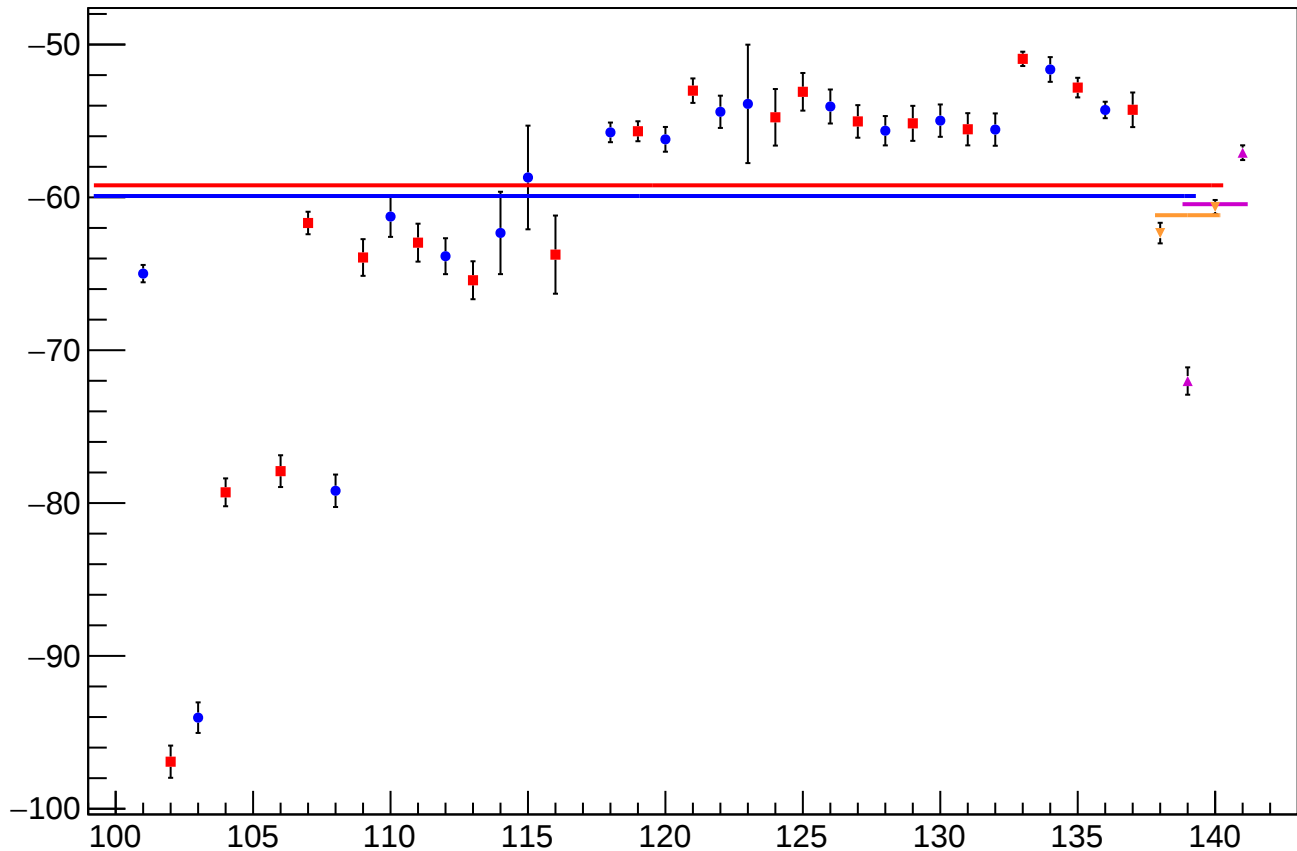


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.438+/-0.408 χ^2/NDF : 7.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.746+/-0.395 χ^2/NDF : 0.4/1

Left: -0.207+/-0.284 χ^2/NDF : 39.4/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.746+/-0.395 χ^2/NDF : 0.4/1
 Out: 1.438+/-0.408 χ^2/NDF : 7.6/1

All: -0.207+/-0.284 χ^2/NDF : 39.4/3

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: -61.167 ± 0.378 χ^2/NDF : 4.4/1

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -60.446 ± 0.425 χ^2/NDF : 215.8/1

Left: -60.848 ± 0.283 χ^2/NDF : 221.8/3

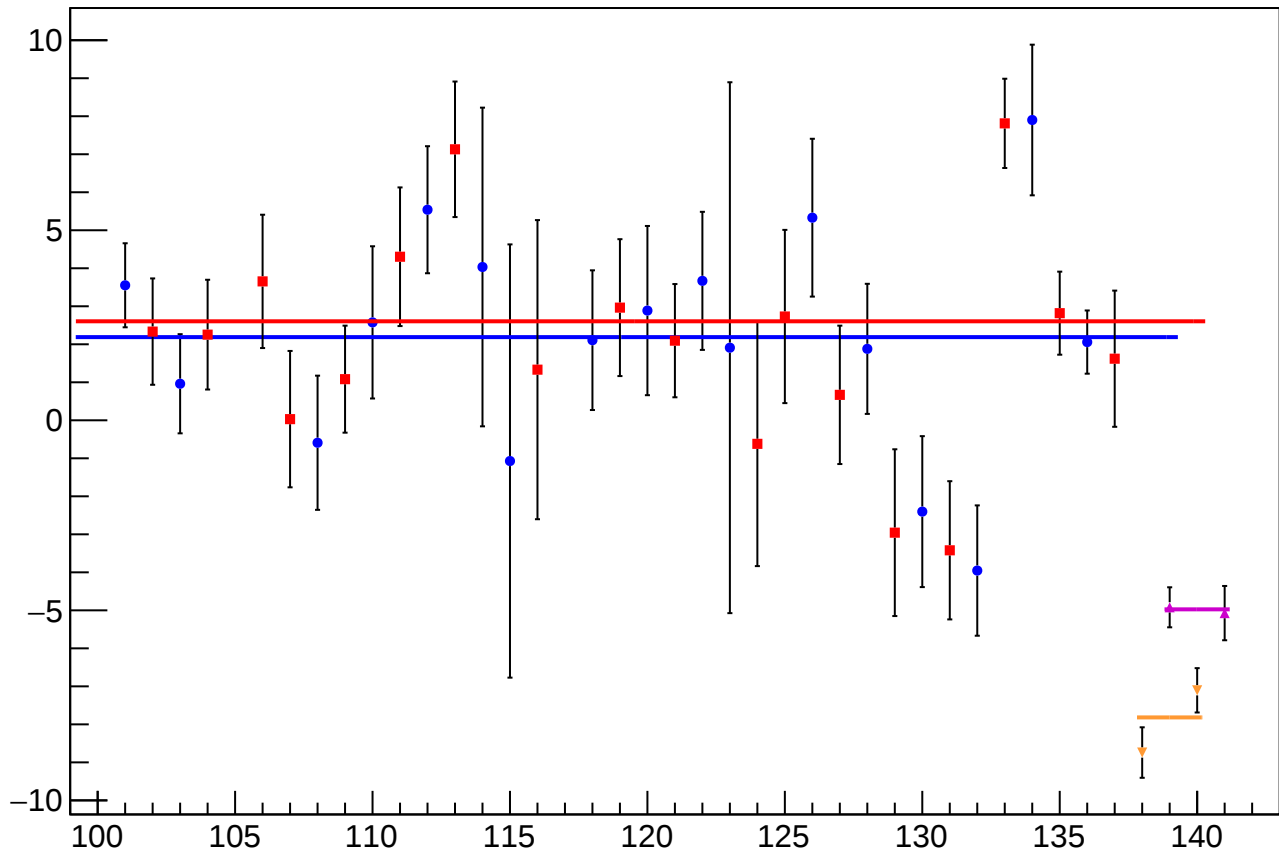
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -60.026 ± 0.198 χ^2/NDF : 2197.8/18

Out: -59.680 ± 0.185 χ^2/NDF : 2767.6/19

All: -59.842 ± 0.135 χ^2/NDF : 4967.1/38

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 $\pm$ 0.405 χ^2 /NDF: 39.1/16

Left Out: -7.817 $\pm$ 0.438 χ^2 /NDF: 3.4/1

Right Out: 2.605 $\pm$ 0.391 χ^2 /NDF: 50.8/17

Left In: -4.974 $\pm$ 0.424 χ^2 /NDF: 0.0/1

Left: -6.348 $\pm$ 0.305 χ^2 /NDF: 25.2/3

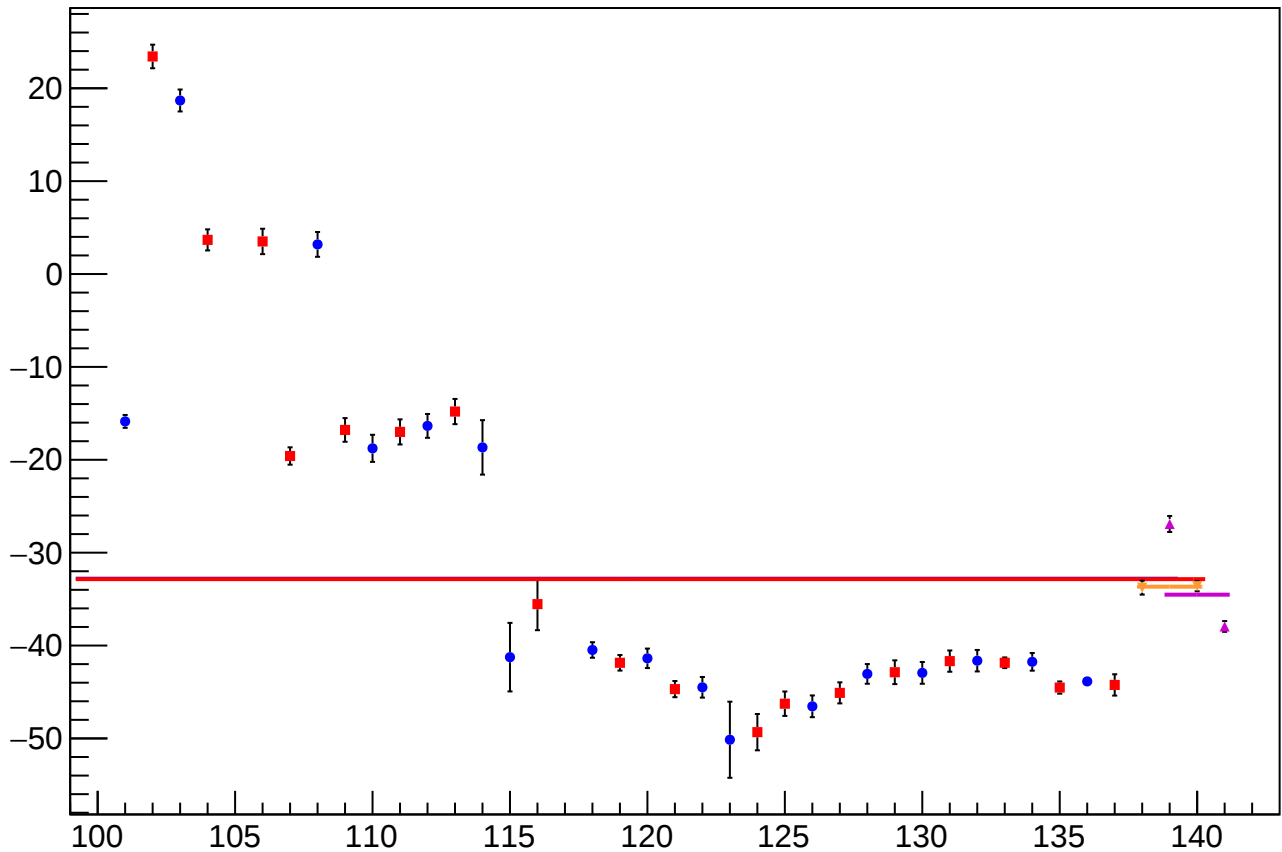
Right: 2.404 $\pm$ 0.281 χ^2 /NDF: 90.4/34

In: -1.226 $\pm$ 0.293 χ^2 /NDF: 188.5/18

Out: -2.011 $\pm$ 0.292 χ^2 /NDF: 369.1/19

All: -1.620 $\pm$ 0.207 χ^2 /NDF: 561.3/38

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: -33.662 ± 0.443 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.522 ± 0.481 $\chi^2/\text{NDF}: 112.7/1$

Left: -34.057 ± 0.326 $\chi^2/\text{NDF}: 114.5/3$

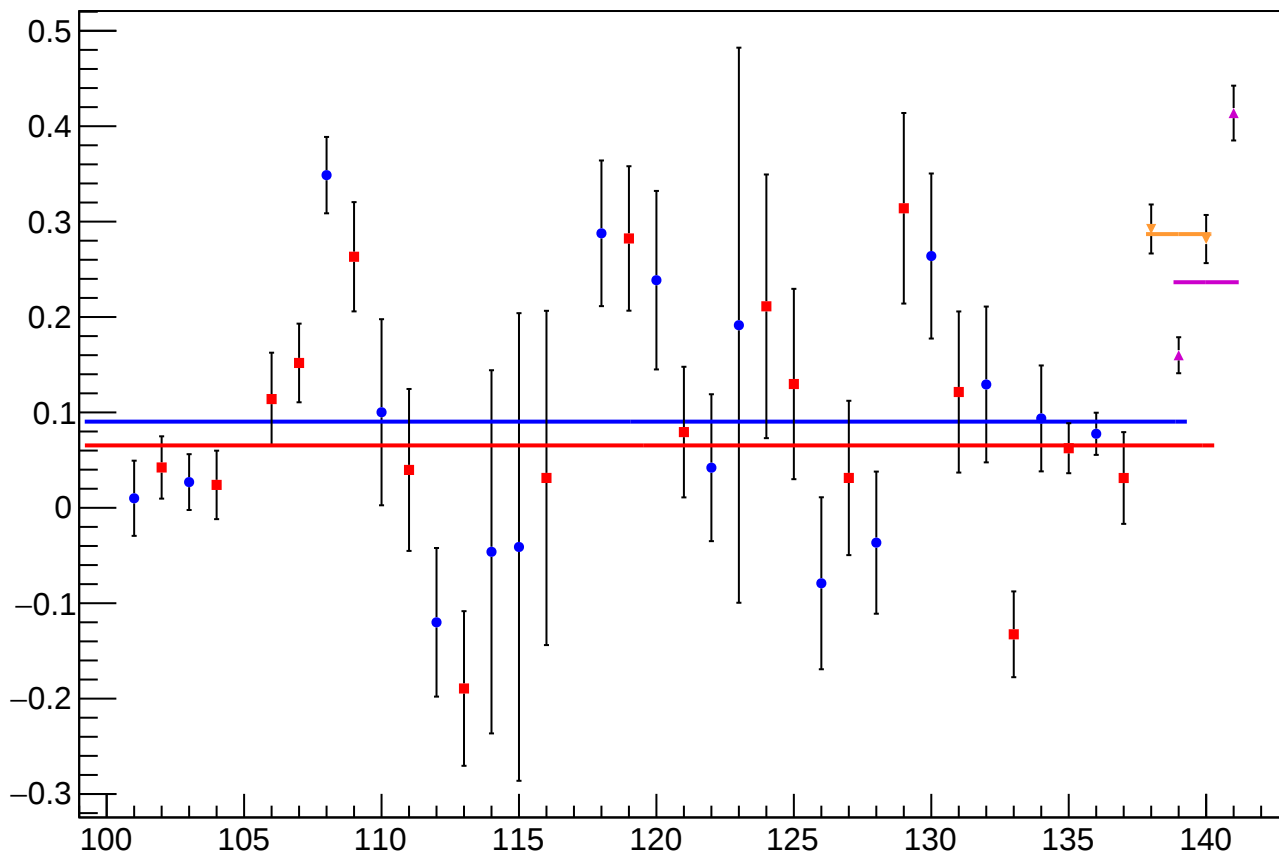
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.181 ± 0.225 $\chi^2/\text{NDF}: 4785.5/18$

Out: -33.039 ± 0.214 $\chi^2/\text{NDF}: 5752.9/19$

All: -33.107 ± 0.155 $\chi^2/\text{NDF}: 10538.6/38$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.287 $\pm$ 0.018 χ^2 /NDF:0.1/1

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.236 $\pm$ 0.016 χ^2 /NDF:54.5/1

Left: 0.258 $\pm$ 0.012 χ^2 /NDF: 59.1/3

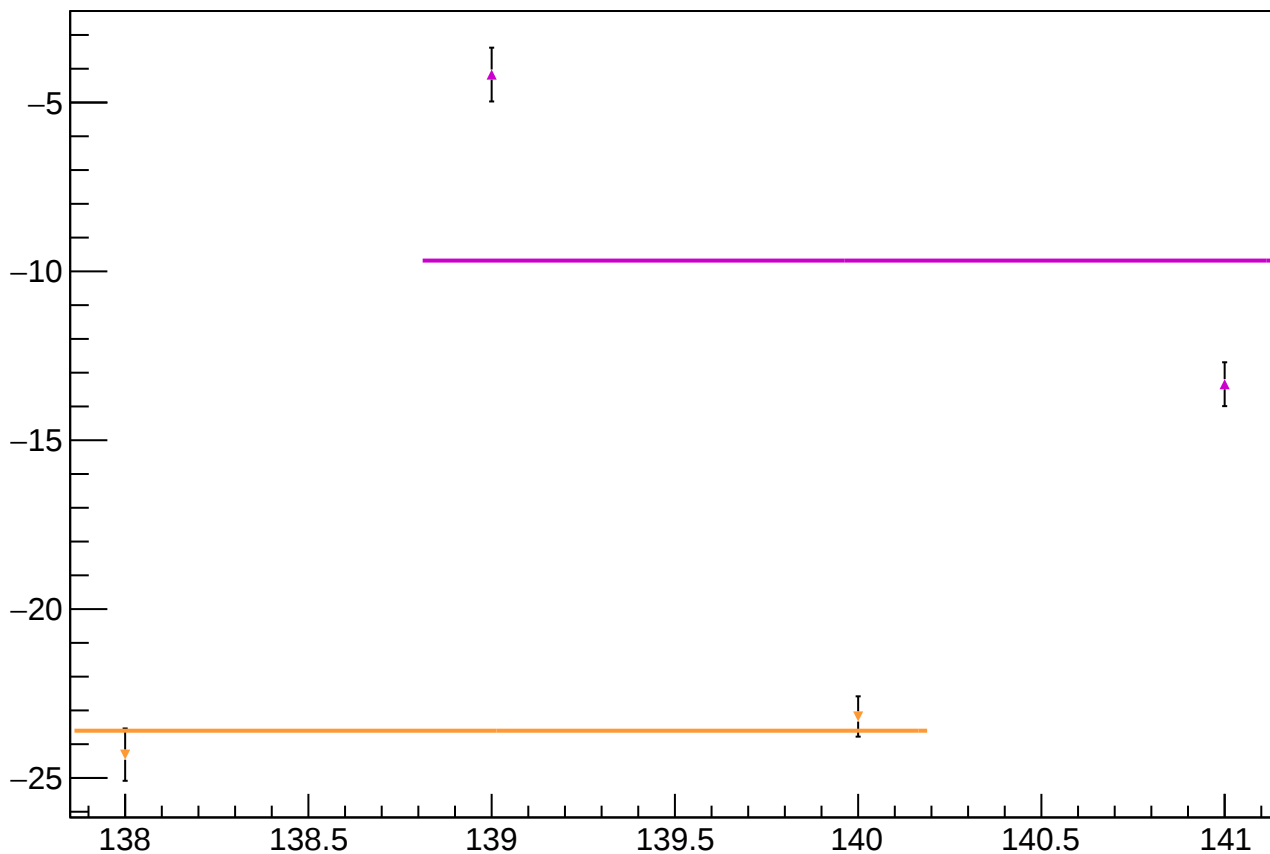
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.148 $\pm$ 0.010 χ^2 /NDF:185.9/18

Out: 0.135 $\pm$ 0.010 χ^2 /NDF:169.3/19

All: 0.142 $\pm$ 0.007 χ^2 /NDF: 355.9/38

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -23.600 ± 0.473 $\chi^2/\text{NDF}: 1.3/1$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -9.680 ± 0.503 $\chi^2/\text{NDF}: 79.6/1$

Left: -17.073 ± 0.345 $\chi^2/\text{NDF}: 487.4/3$

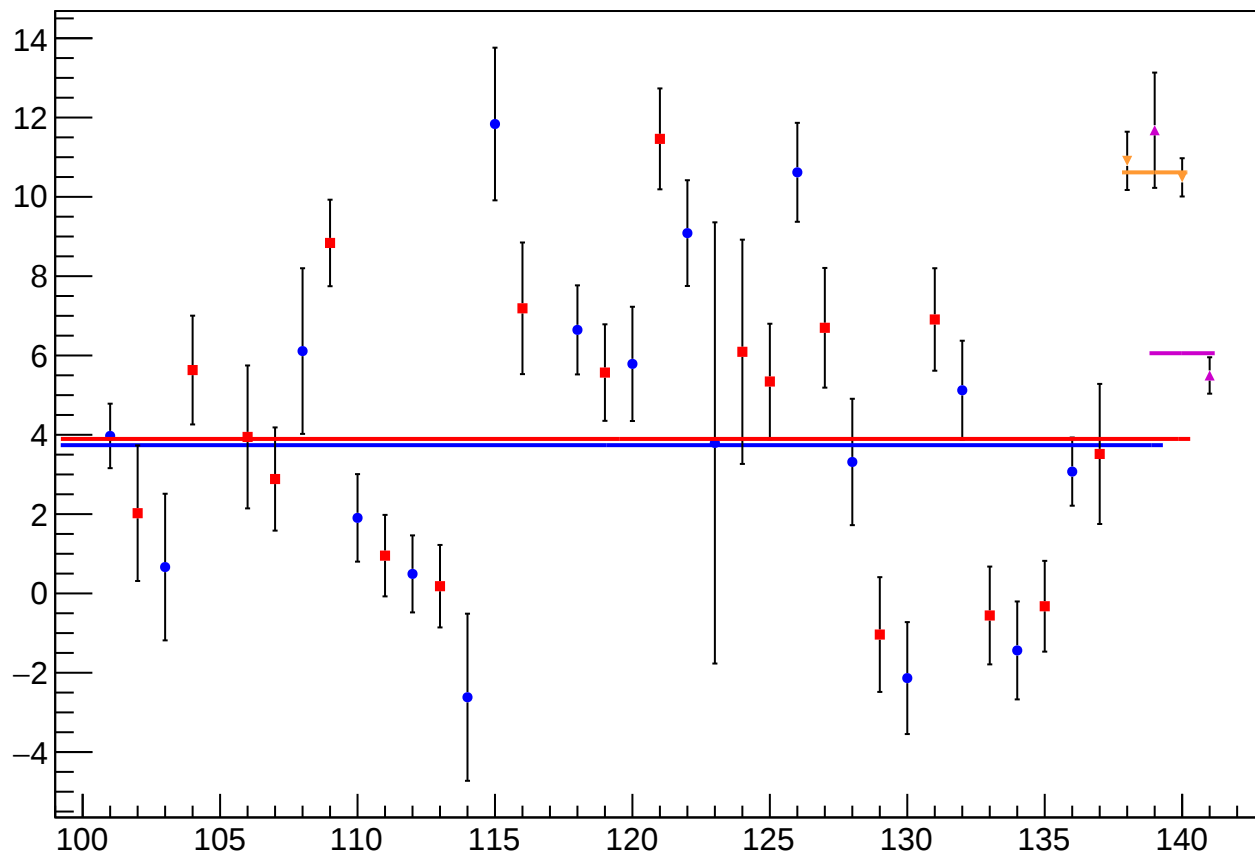
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -9.680 ± 0.503 $\chi^2/\text{NDF}: 79.6/1$

Out: -23.600 ± 0.473 $\chi^2/\text{NDF}: 1.3/1$

All: -17.073 ± 0.345 $\chi^2/\text{NDF}: 487.4/3$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 10.617 ± 0.403 χ^2/NDF : 0.2/1

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 6.057 ± 0.438 χ^2/NDF : 16.5/1

Left: 8.524 ± 0.297 χ^2/NDF : 75.4/3

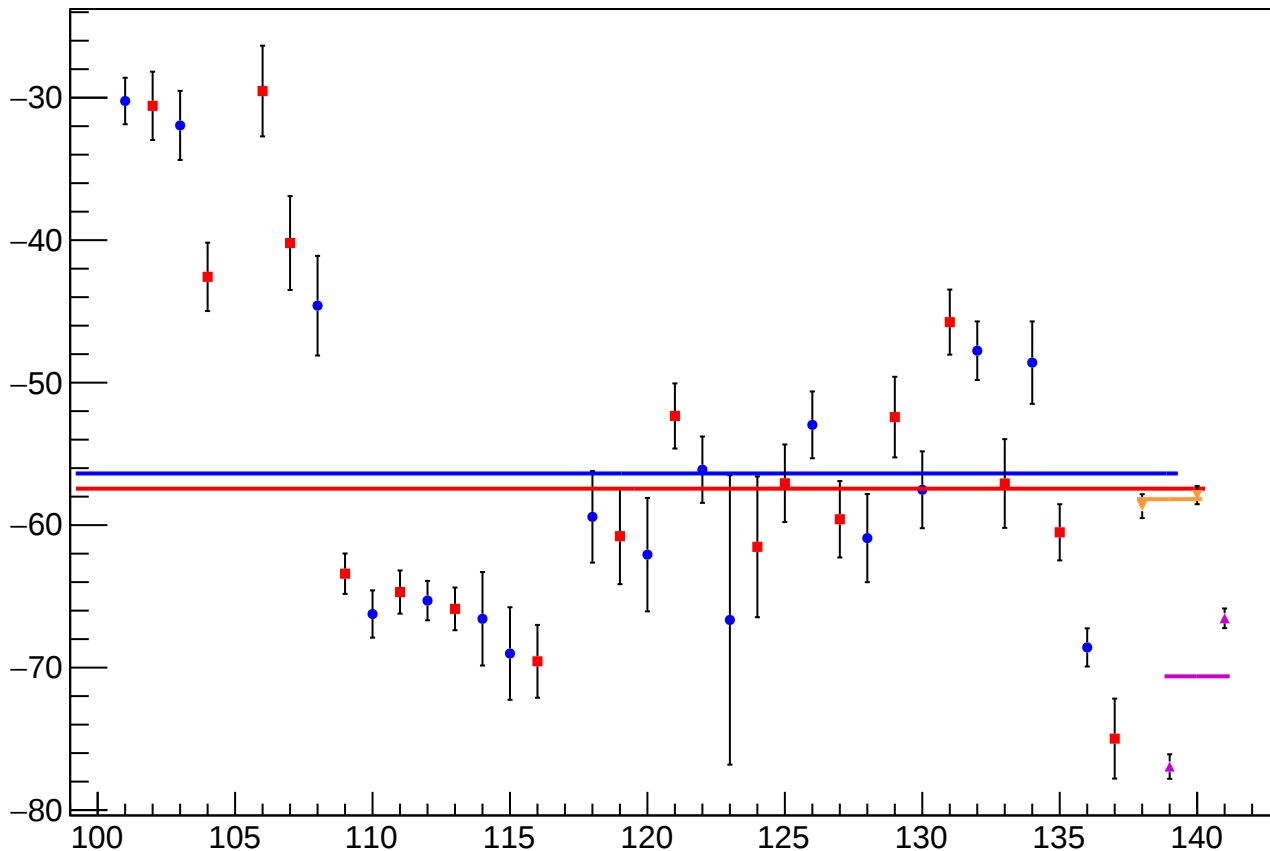
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 4.510 ± 0.252 χ^2/NDF : 172.1/18

Out: 6.456 ± 0.249 χ^2/NDF : 307.1/19

All: 5.497 ± 0.177 χ^2/NDF : 509.2/38

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: -58.177 ± 0.507 $\chi^2/\text{NDF}: 0.5/1$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -70.612 ± 0.539 $\chi^2/\text{NDF}: 88.9/1$

Left: -64.016 ± 0.369 $\chi^2/\text{NDF}: 372.3/3$

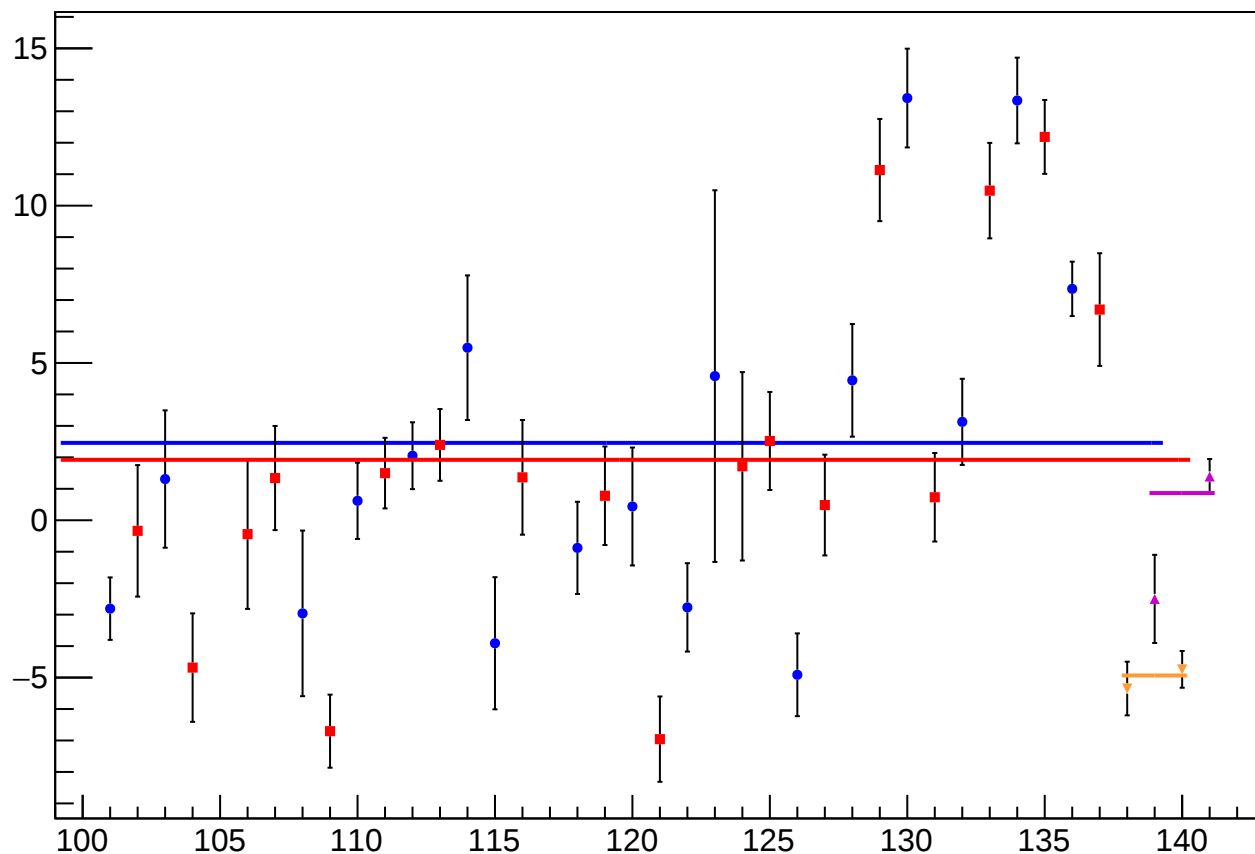
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -63.551 ± 0.382 $\chi^2/\text{NDF}: 1023.2/18$

Out: -57.830 ± 0.368 $\chi^2/\text{NDF}: 442.5/19$

All: -60.585 ± 0.265 $\chi^2/\text{NDF}: 1581.8/38$

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: -4.934 ± 0.482 χ^2/NDF : 0.3/1

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 0.865 ± 0.515 χ^2/NDF : 6.7/1

Left: -2.229 ± 0.352 χ^2/NDF : 74.6/3

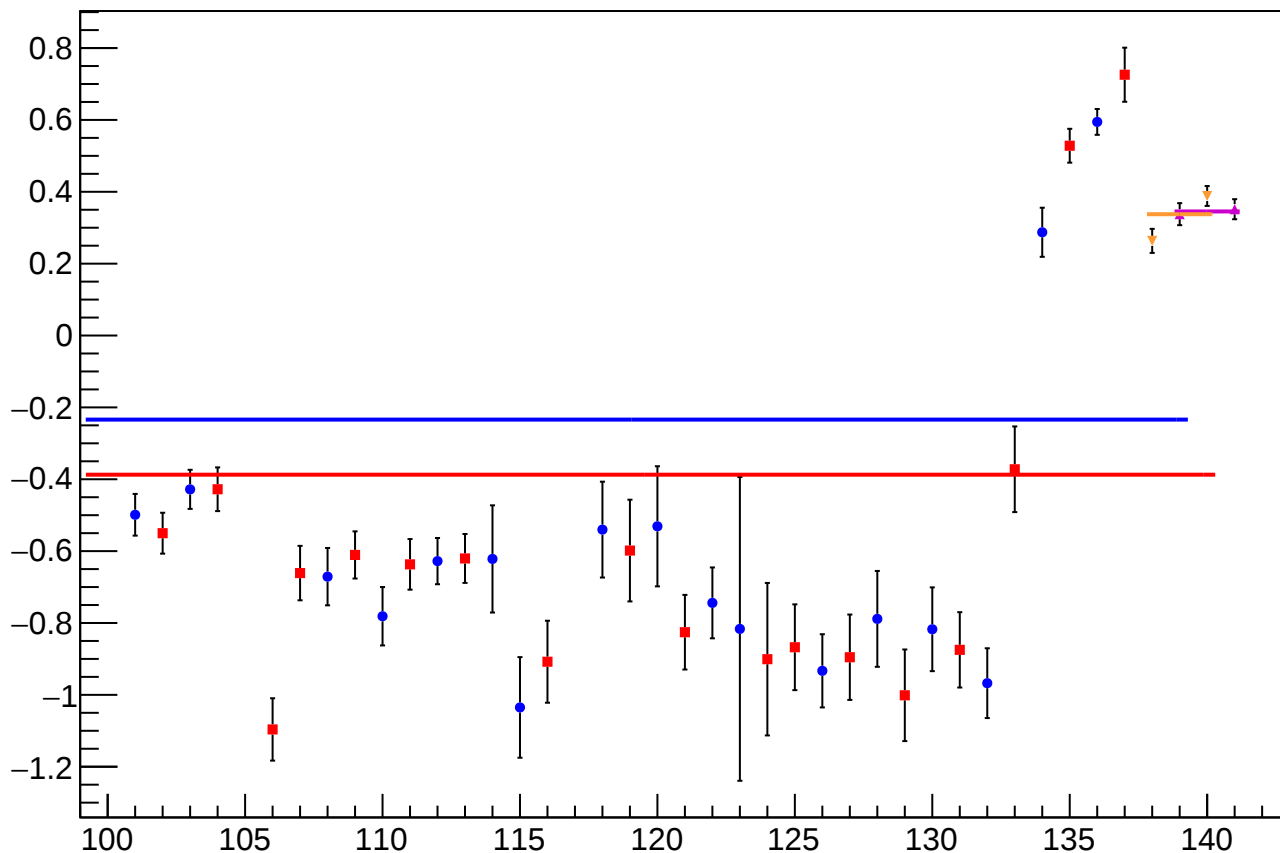
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 1.964 ± 0.287 χ^2/NDF : 257.2/18

Out: -0.490 ± 0.286 χ^2/NDF : 396.6/19

All: 0.731 ± 0.203 χ^2/NDF : 690.5/38

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: 0.338 ± 0.021 χ^2/NDF : 8.3/1

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.345 ± 0.021 χ^2/NDF : 0.1/1

Left: 0.342 ± 0.015 χ^2/NDF : 8.4/3

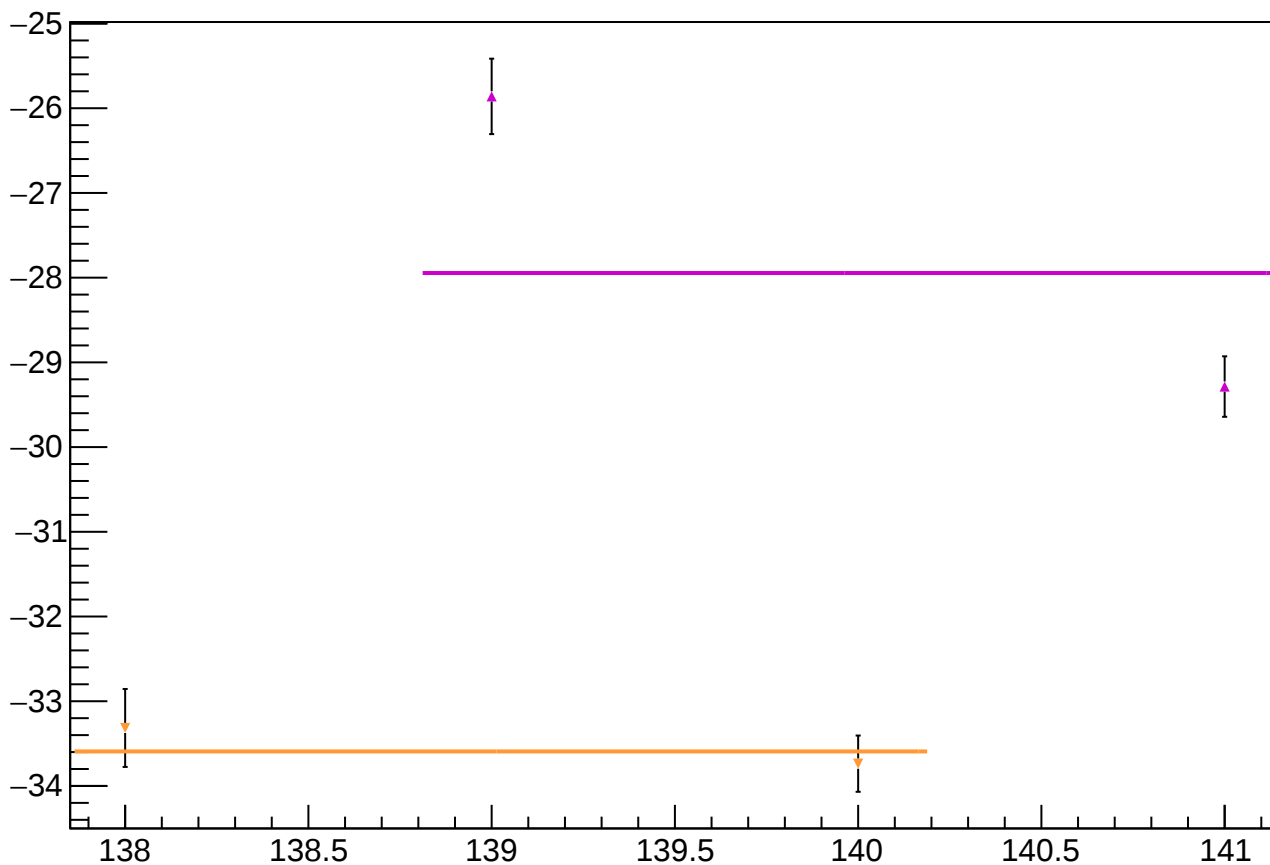
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.030 ± 0.014 χ^2/NDF : 1387.1/18

Out: -0.067 ± 0.014 χ^2/NDF : 1498.5/19

All: -0.017 ± 0.010 χ^2/NDF : 2909.4/38

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.945+/-0.278 χ^2/NDF : 36.0/1

Left: -30.865+/-0.194 χ^2/NDF : 249.1/3

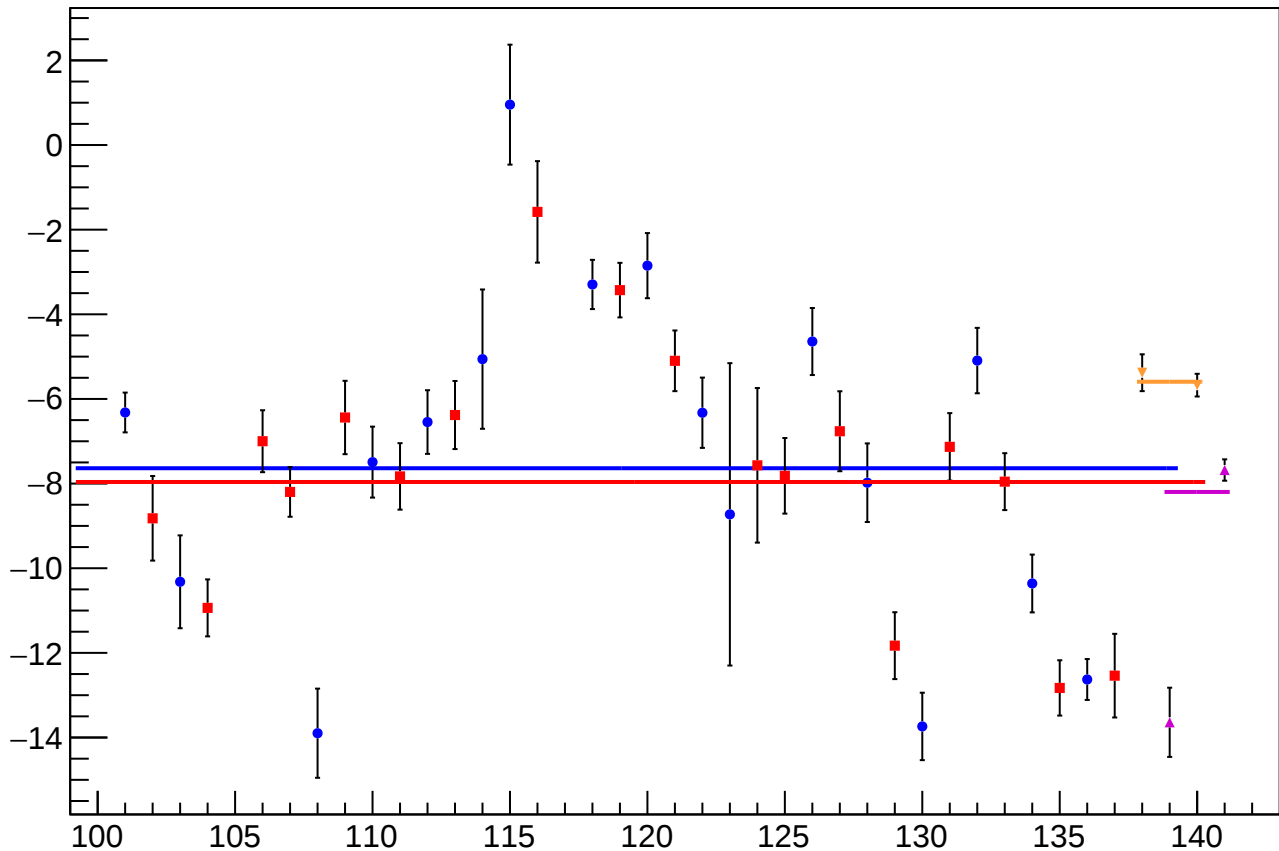
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.945+/-0.278 χ^2/NDF : 36.0/1

Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

All: -30.865+/-0.194 χ^2/NDF : 249.1/3

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: -5.593 ± 0.228 χ^2/NDF : 0.3/1

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -8.198 ± 0.241 χ^2/NDF : 48.5/1

Left: -6.825 ± 0.166 χ^2/NDF : 110.4/3

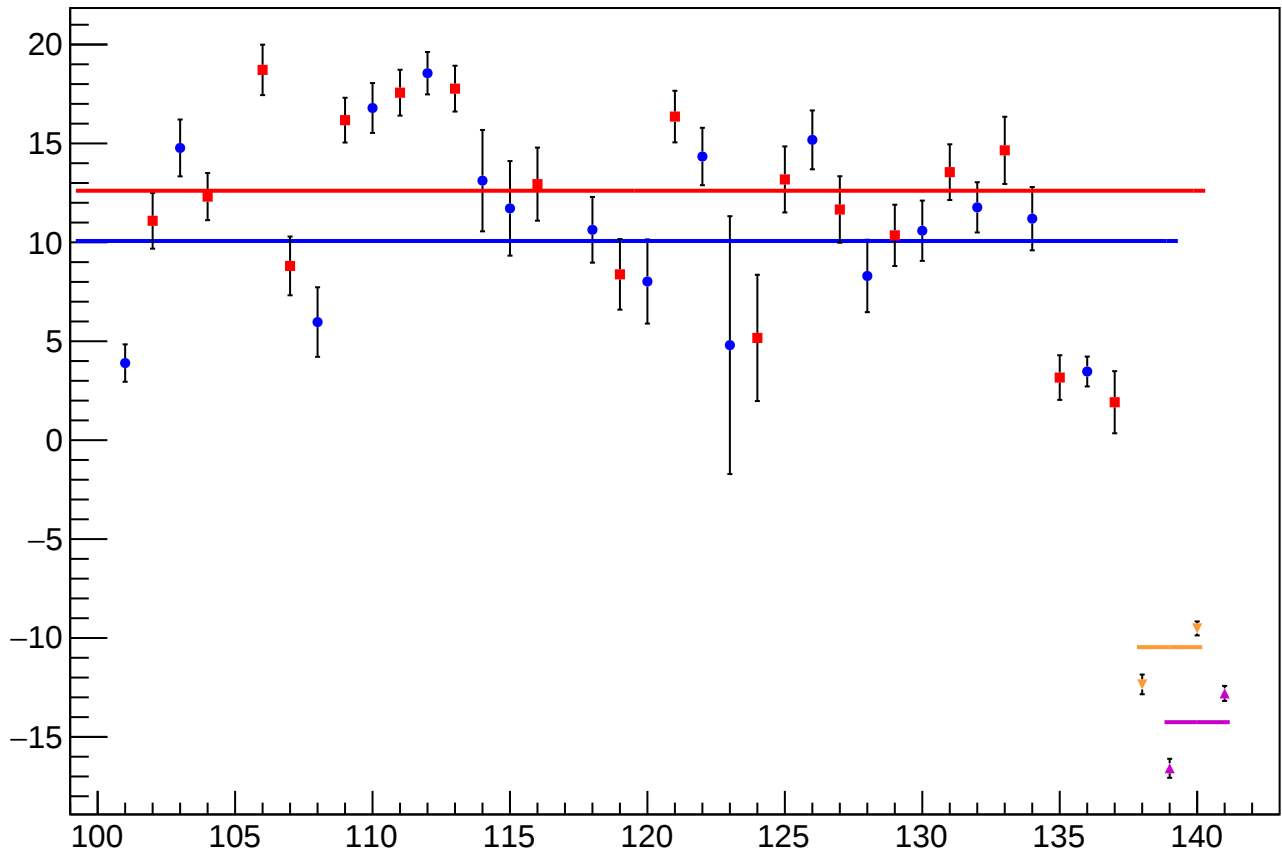
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.846 ± 0.147 χ^2/NDF : 445.9/18

Out: -7.018 ± 0.144 χ^2/NDF : 291.6/19

All: -7.423 ± 0.103 χ^2/NDF : 753.7/38

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -10.463 ± 0.288 χ^2/NDF : 21.5/1

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -14.255 ± 0.298 χ^2/NDF : 38.2/1

Left: -12.297 ± 0.207 χ^2/NDF : 143.3/3

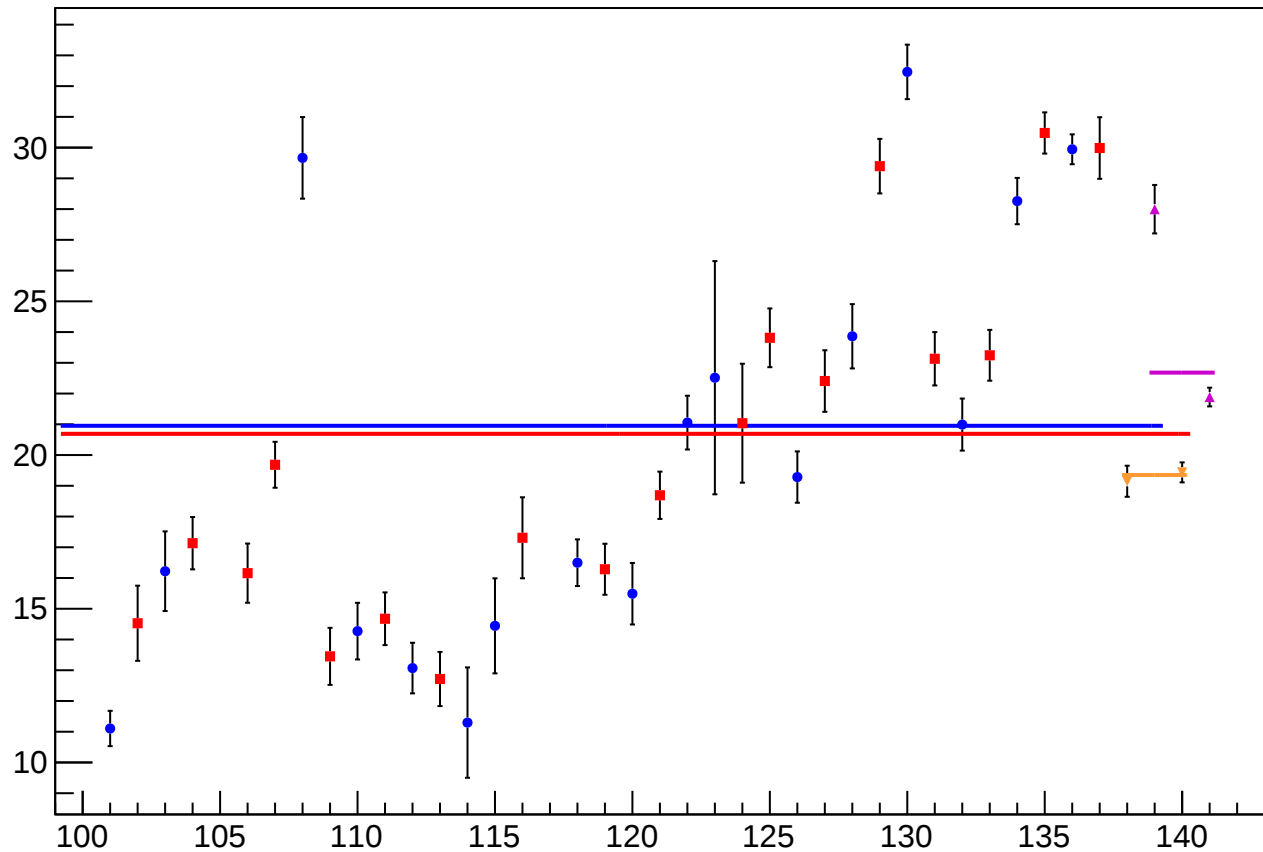
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -3.601 ± 0.223 χ^2/NDF : 3212.0/18

Out: -0.580 ± 0.218 χ^2/NDF : 2982.9/19

All: -2.054 ± 0.156 χ^2/NDF : 6288.6/38

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: 19.352 $\pm$ 0.273 χ^2 /NDF: 0.2/1

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.681 $\pm$ 0.284 χ^2 /NDF: 52.3/1

Left: 20.951 $\pm$ 0.197 χ^2 /NDF: 123.8/3

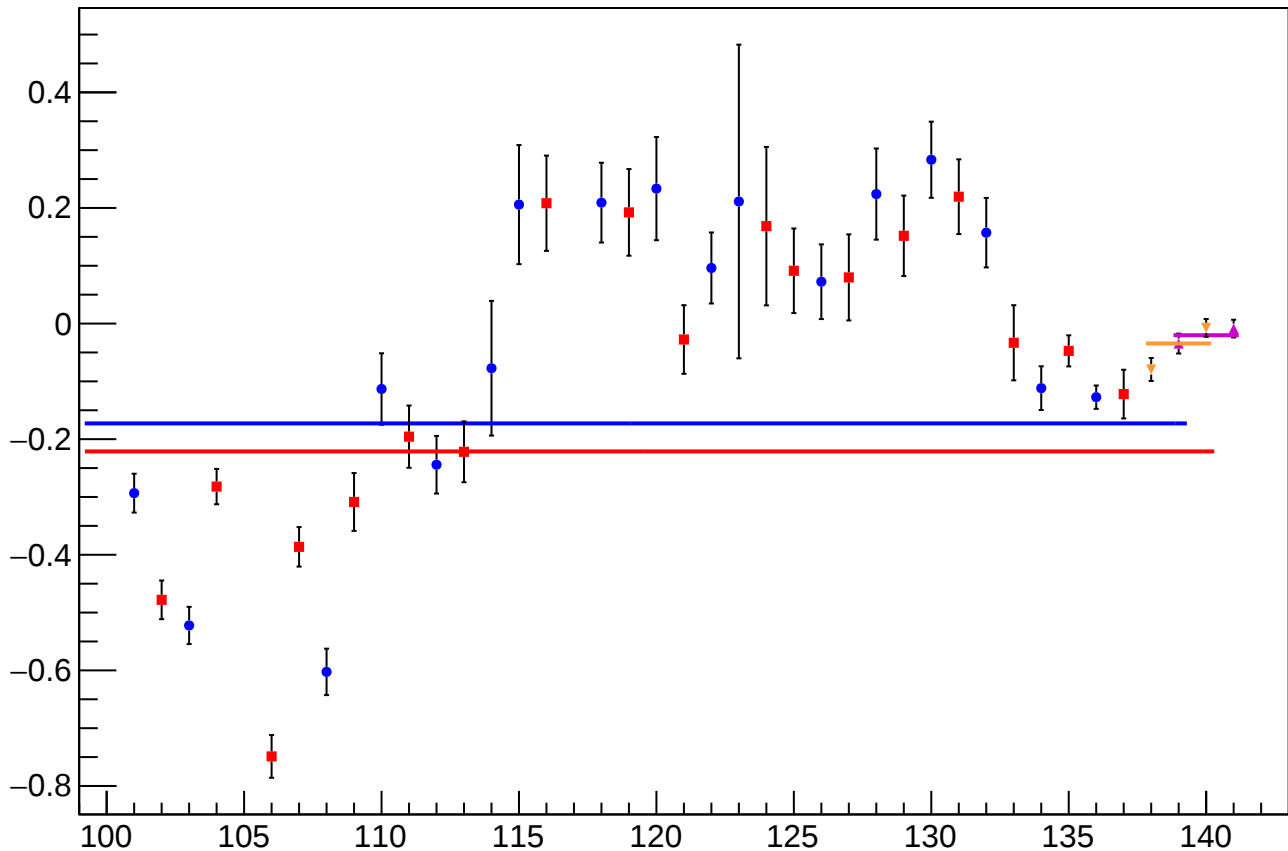
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.562 $\pm$ 0.169 χ^2 /NDF: 1299.0/18

Out: 20.185 $\pm$ 0.168 χ^2 /NDF: 742.1/19

All: 20.869 $\pm$ 0.119 χ^2 /NDF: 2074.5/38

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: -0.034 ± 0.012 χ^2/NDF : 8.2/1

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.020 ± 0.011 χ^2/NDF : 1.3/1

Left: -0.027 ± 0.008 χ^2/NDF : 10.2/3

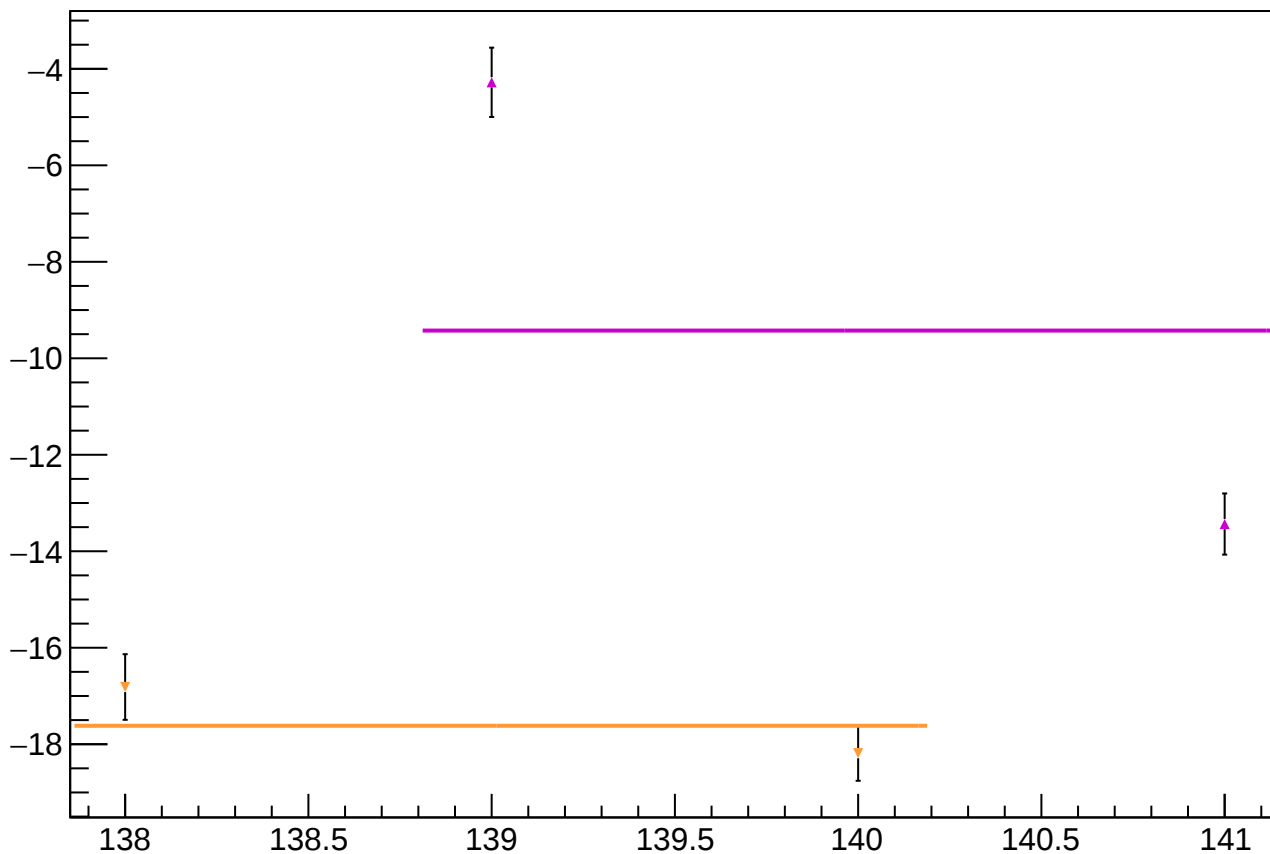
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.098 ± 0.008 χ^2/NDF : 552.3/18

Out: -0.137 ± 0.008 χ^2/NDF : 673.3/19

All: -0.118 ± 0.006 χ^2/NDF : 1237.5/38

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: -17.618+/-0.438 χ^2/NDF : 2.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.425+/-0.475 χ^2/NDF : 91.4/1

Left: -13.857+/-0.322 χ^2/NDF : 254.5/3

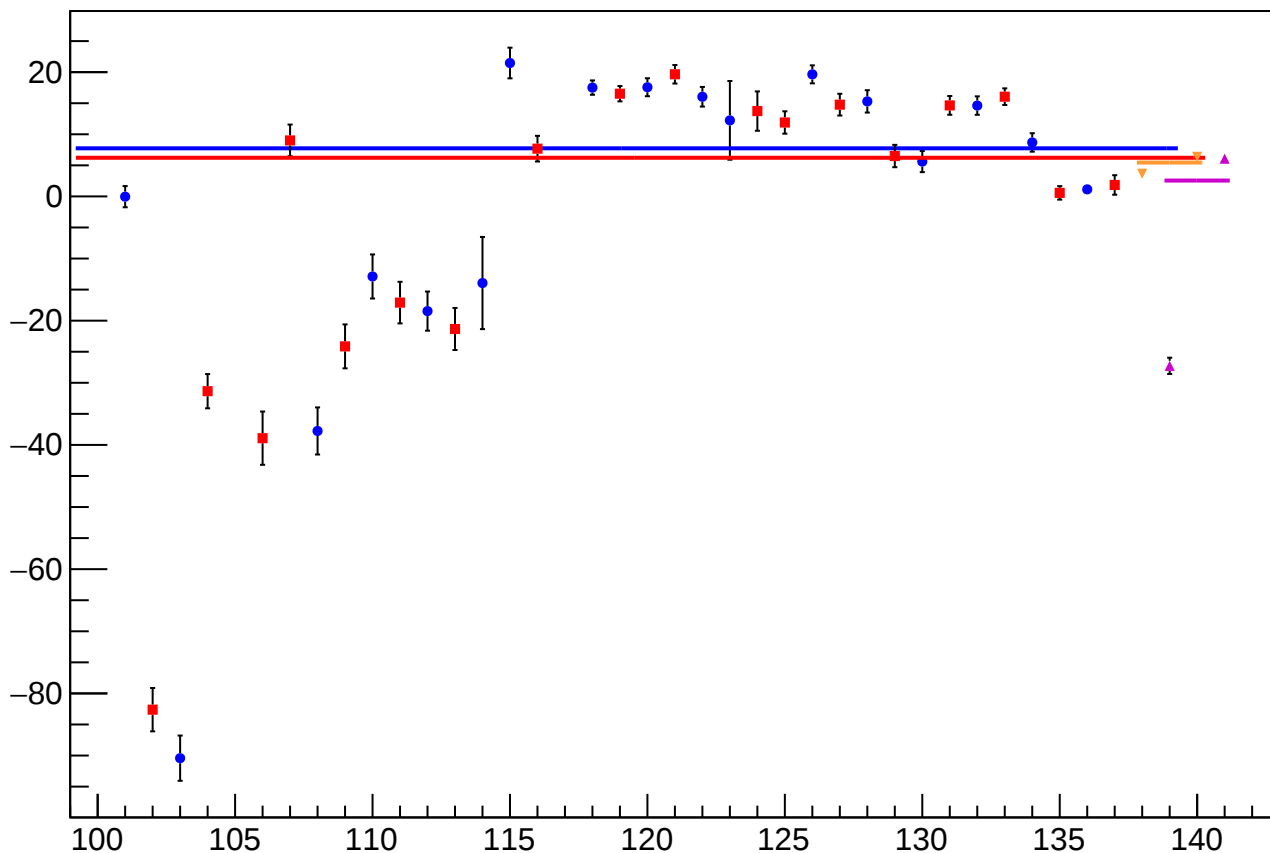
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.425+/-0.475 χ^2/NDF : 91.4/1

Out: -17.618+/-0.438 χ^2/NDF : 2.4/1

All: -13.857+/-0.322 χ^2/NDF : 254.5/3

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: 5.449 ± 0.378 χ^2/NDF : 11.6/1

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 2.553 ± 0.425 χ^2/NDF : 582.0/1

Left: 4.170 ± 0.282 χ^2/NDF : 619.6/3

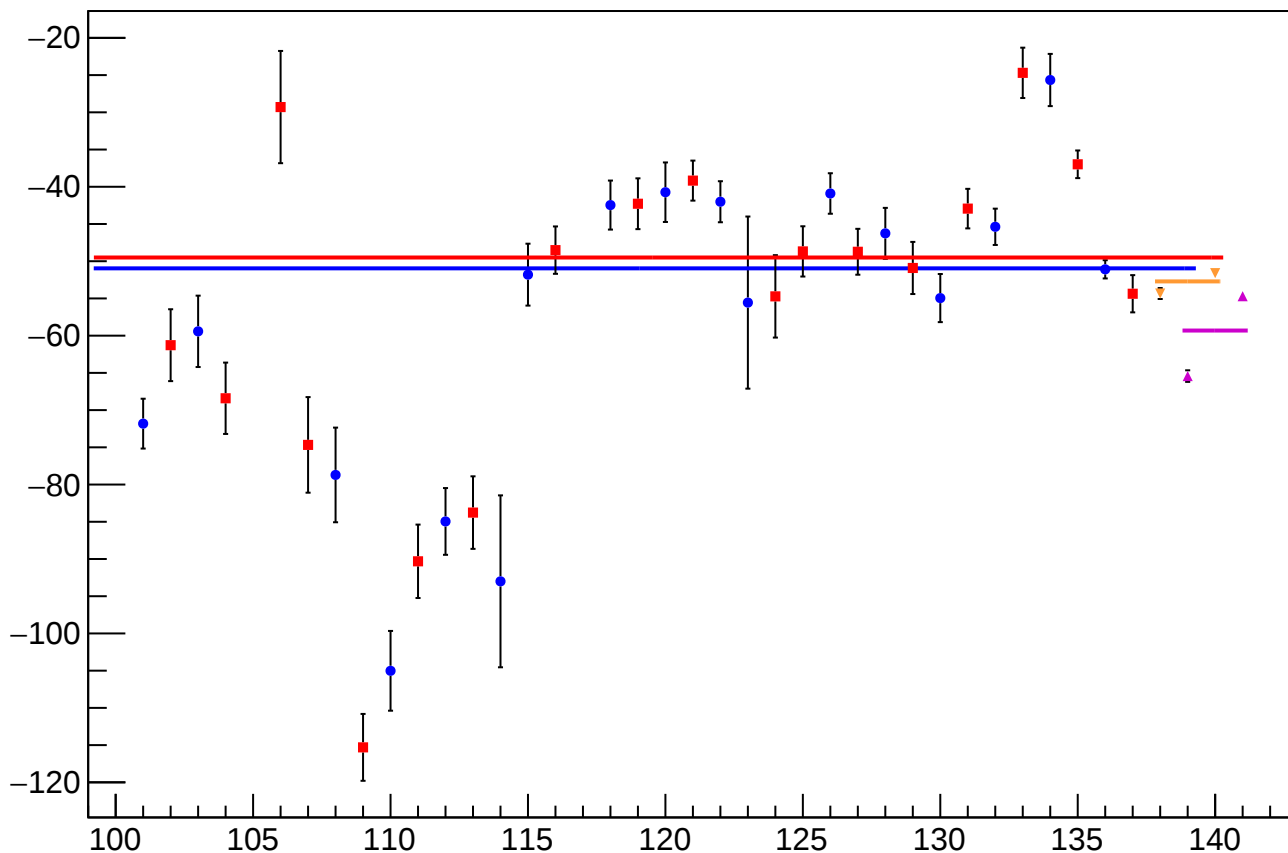
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.283 ± 0.292 χ^2/NDF : 2019.5/18

Out: 5.782 ± 0.285 χ^2/NDF : 1459.3/19

All: 5.539 ± 0.204 χ^2/NDF : 3480.3/38

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -52.712 ± 0.469 χ^2/NDF : 8.2/1

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -59.313 ± 0.509 χ^2/NDF : 108.8/1

Left: -55.746 ± 0.345 χ^2/NDF : 207.9/3

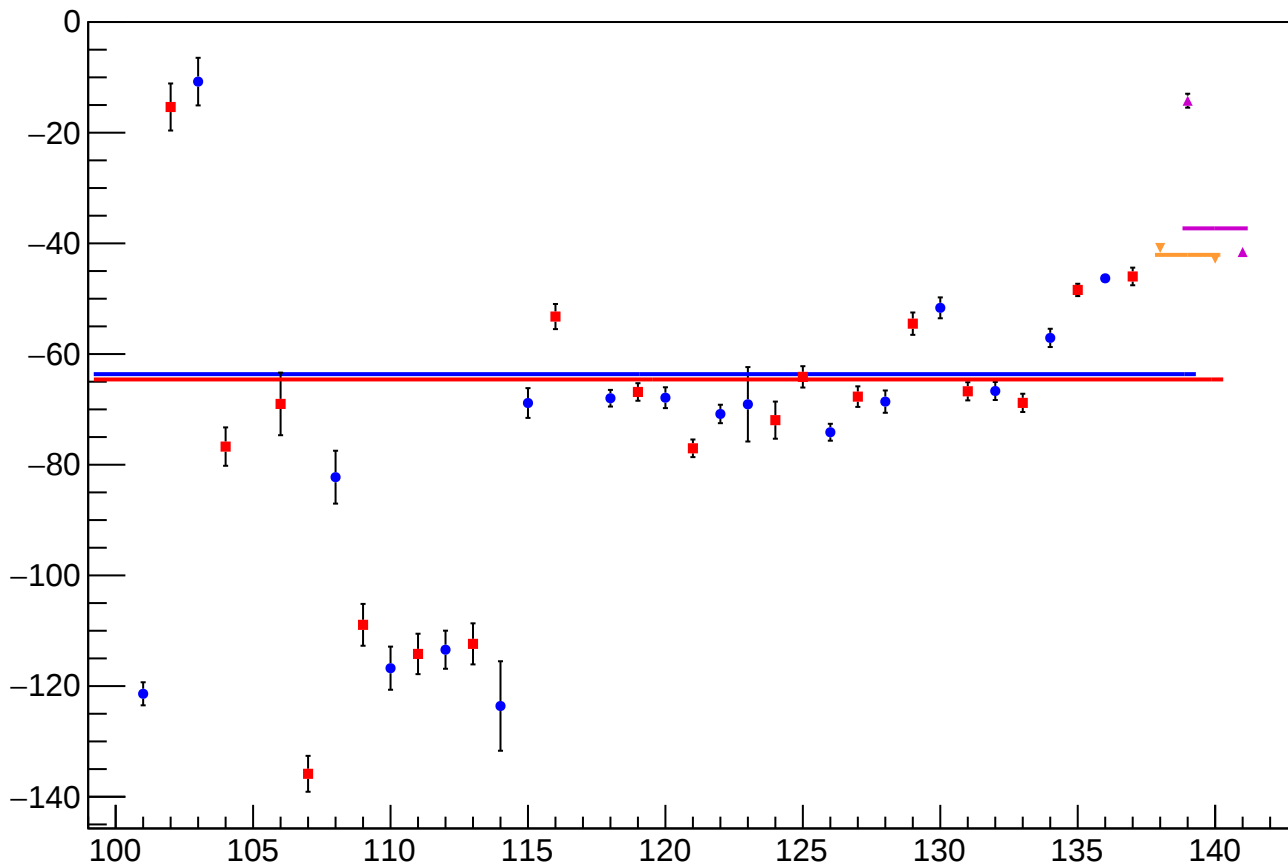
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -56.622 ± 0.419 χ^2/NDF : 527.5/18

Out: -51.887 ± 0.405 χ^2/NDF : 526.6/19

All: -54.171 ± 0.291 χ^2/NDF : 1120.2/38

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: -42.077+/-0.450 χ^2/NDF : 4.3/1

Right Out: -64.590+/-0.482 χ^2/NDF : 1594.3/17

Left In: -37.288+/-0.498 χ^2/NDF : 397.6/1

Left: -39.922+/-0.334 χ^2/NDF : 452.7/3

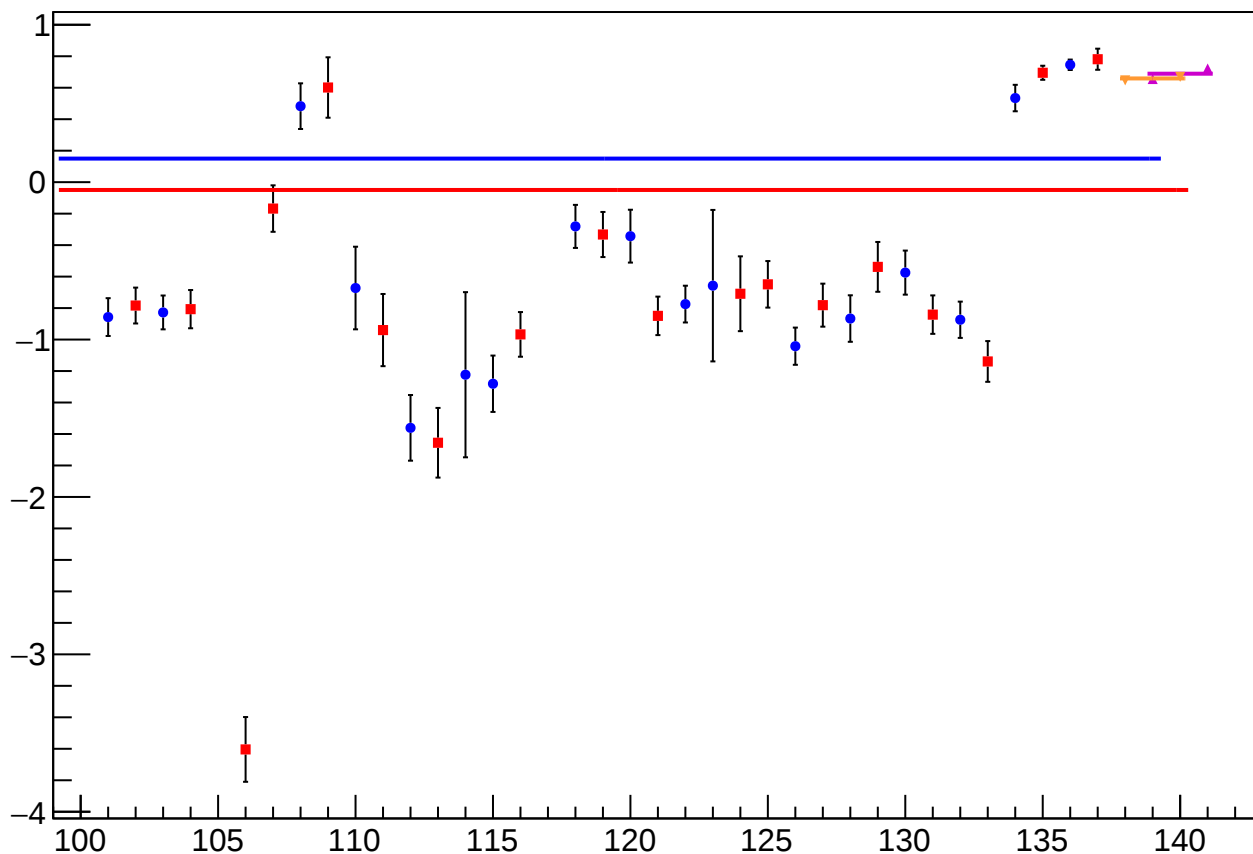
Right: -64.073+/-0.327 χ^2/NDF : 3607.7/34

In: -51.908+/-0.332 χ^2/NDF : 3962.4/18

Out: -52.569+/-0.329 χ^2/NDF : 2762.6/19

All: -52.242+/-0.234 χ^2/NDF : 6727.0/38

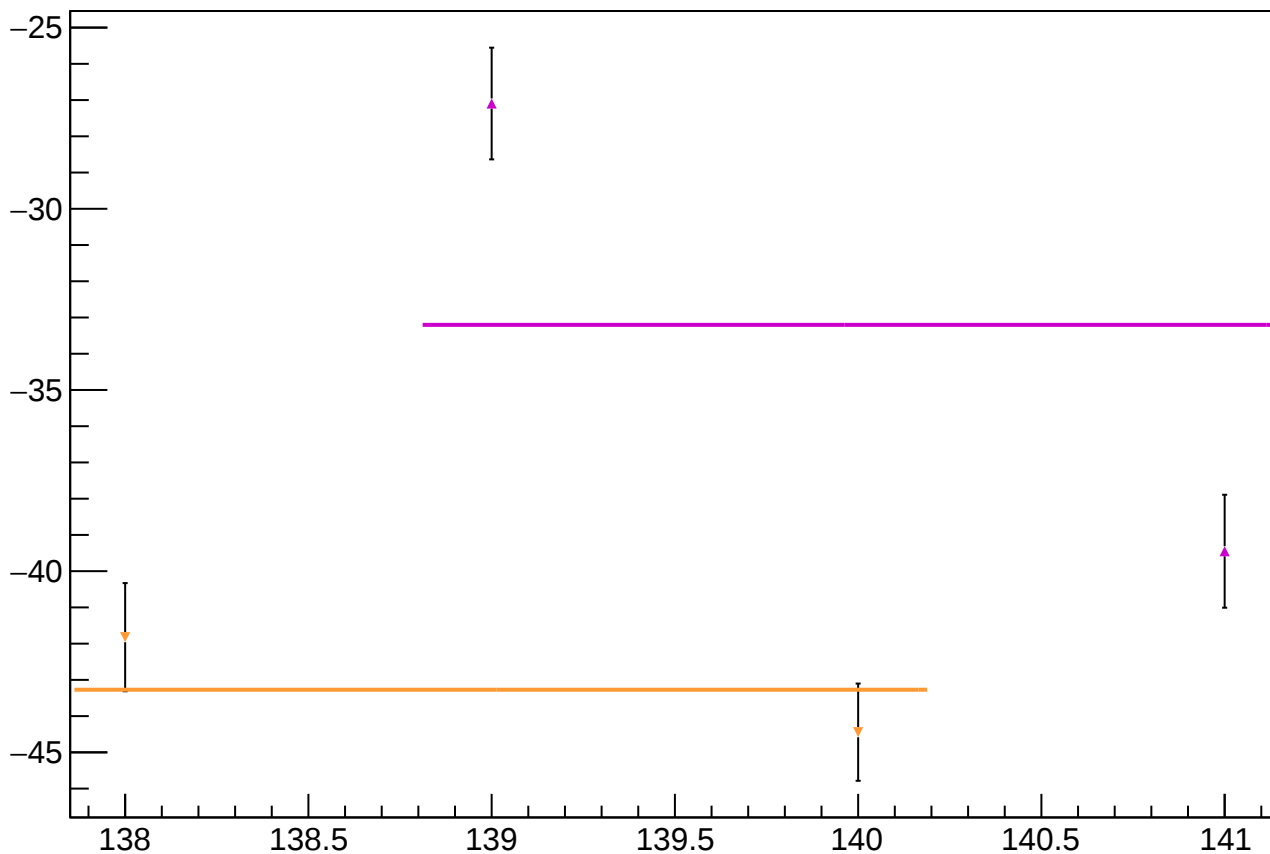
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.659 ± 0.020 $\chi^2/\text{NDF}: 0.3/1$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.689 ± 0.019 $\chi^2/\text{NDF}: 3.0/1$

Left: 0.674 ± 0.014 $\chi^2/\text{NDF}: 4.5/3$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.476 ± 0.015 $\chi^2/\text{NDF}: 1298.0/18$
 Out: 0.403 ± 0.016 $\chi^2/\text{NDF}: 1620.7/19$
 All: 0.441 ± 0.011 $\chi^2/\text{NDF}: 2929.8/38$

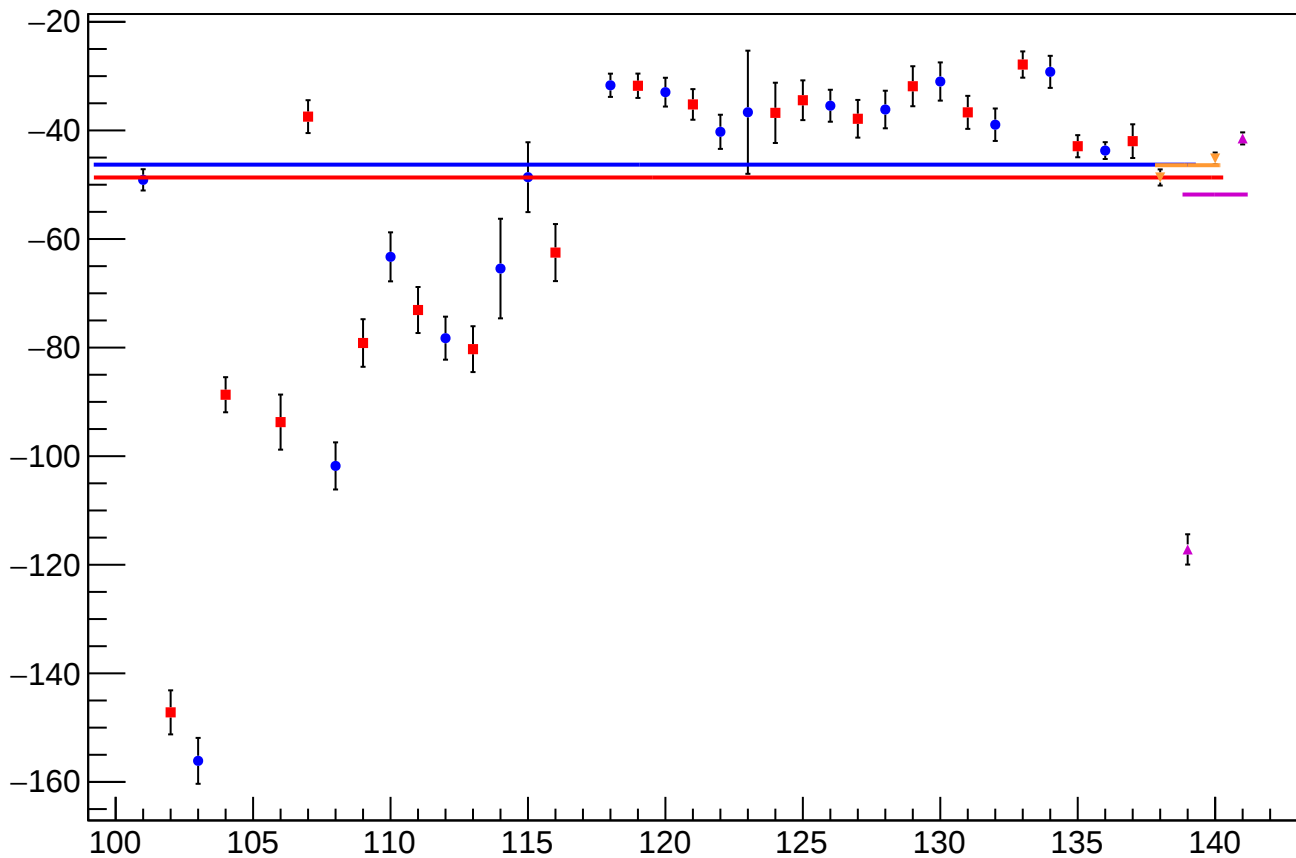
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -43.272+/-0.998 χ^2/NDF : 1.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.203+/-1.096 χ^2/NDF : 31.8/1

Left: -38.709+/-0.738 χ^2/NDF : 79.6/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.203+/-1.096 χ^2/NDF : 31.8/1
 Out: -43.272+/-0.998 χ^2/NDF : 1.7/1
 All: -38.709+/-0.738 χ^2/NDF : 79.6/3

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -46.406 ± 0.883 χ^2/NDF : 3.6/1

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -51.806 ± 1.032 χ^2/NDF : 634.8/1

Left: -48.690 ± 0.671 χ^2/NDF : 654.2/3

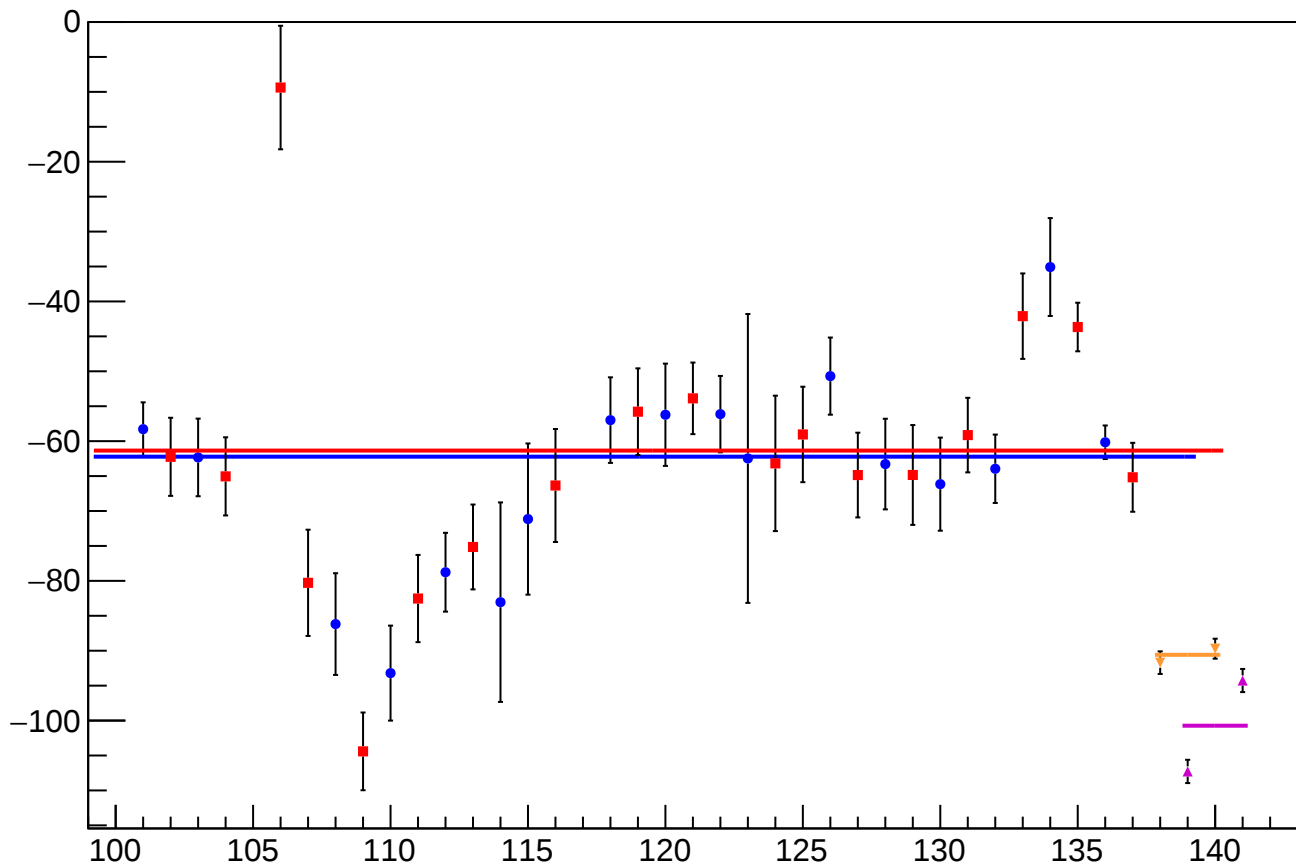
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -48.116 ± 0.592 χ^2/NDF : 1737.9/18

Out: -47.700 ± 0.578 χ^2/NDF : 1219.6/19

All: -47.903 ± 0.414 χ^2/NDF : 2957.7/38

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 $\pm$ 1.312 χ^2 /NDF: 67.3/16

Left Out: -90.585 $\pm$ 1.071 χ^2 /NDF:0.9/1

Right Out: -61.350 $\pm$ 1.383 χ^2 /NDF: 158.4/17

Left In: -100.733 $\pm$ 1.176 χ^2 /NDF:30.6/1

Left: -95.187 $\pm$ 0.792 χ^2 /NDF: 72.2/3

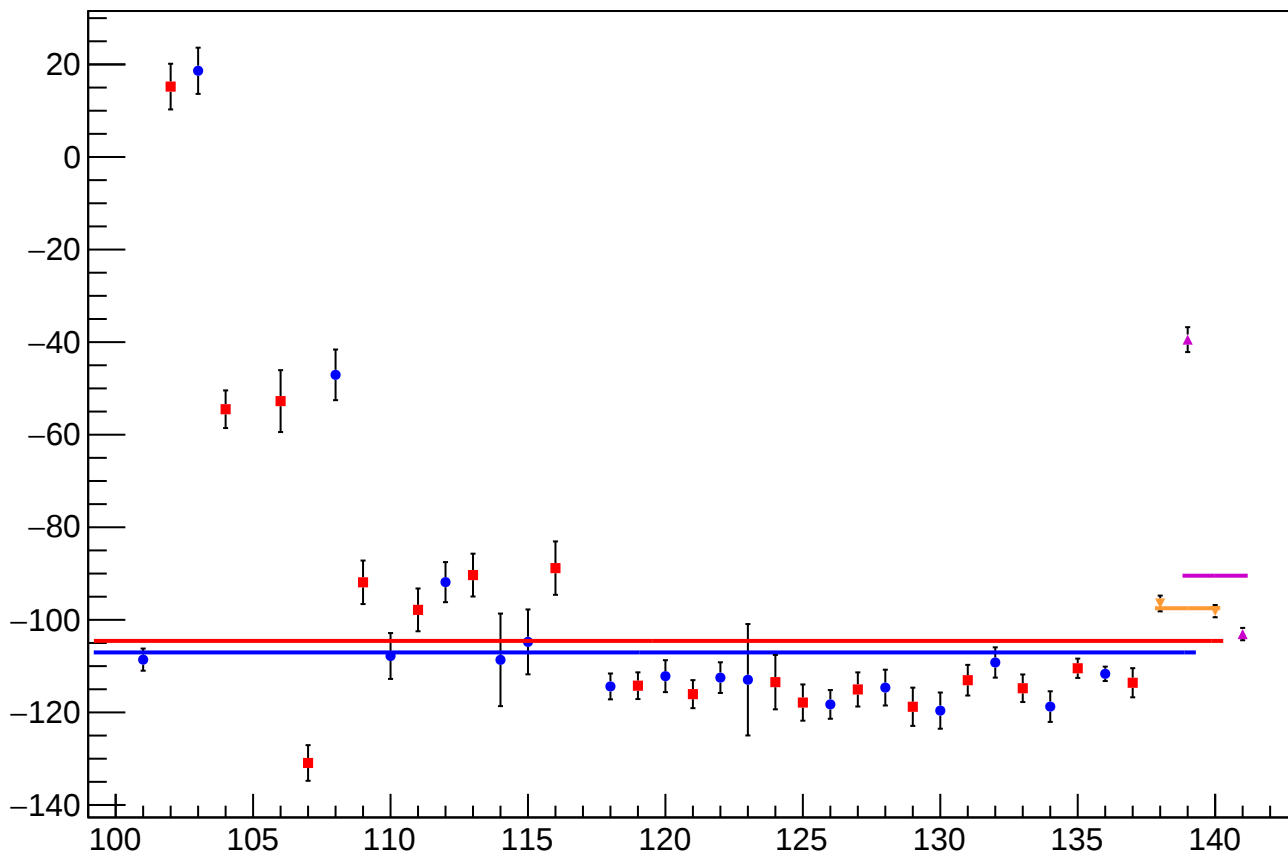
Right: -61.809 $\pm$ 0.952 χ^2 /NDF: 225.9/34

In: -83.578 $\pm$ 0.875 χ^2 /NDF:576.0/18

Out: -79.625 $\pm$ 0.847 χ^2 /NDF:438.6/19

All: -81.536 $\pm$ 0.609 χ^2 /NDF: 1025.2/38

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: -97.494 ± 1.047 χ^2/NDF : 0.6/1

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -90.462 ± 1.197 χ^2/NDF : 448.8/1

Left: -94.447 ± 0.788 χ^2/NDF : 468.9/3

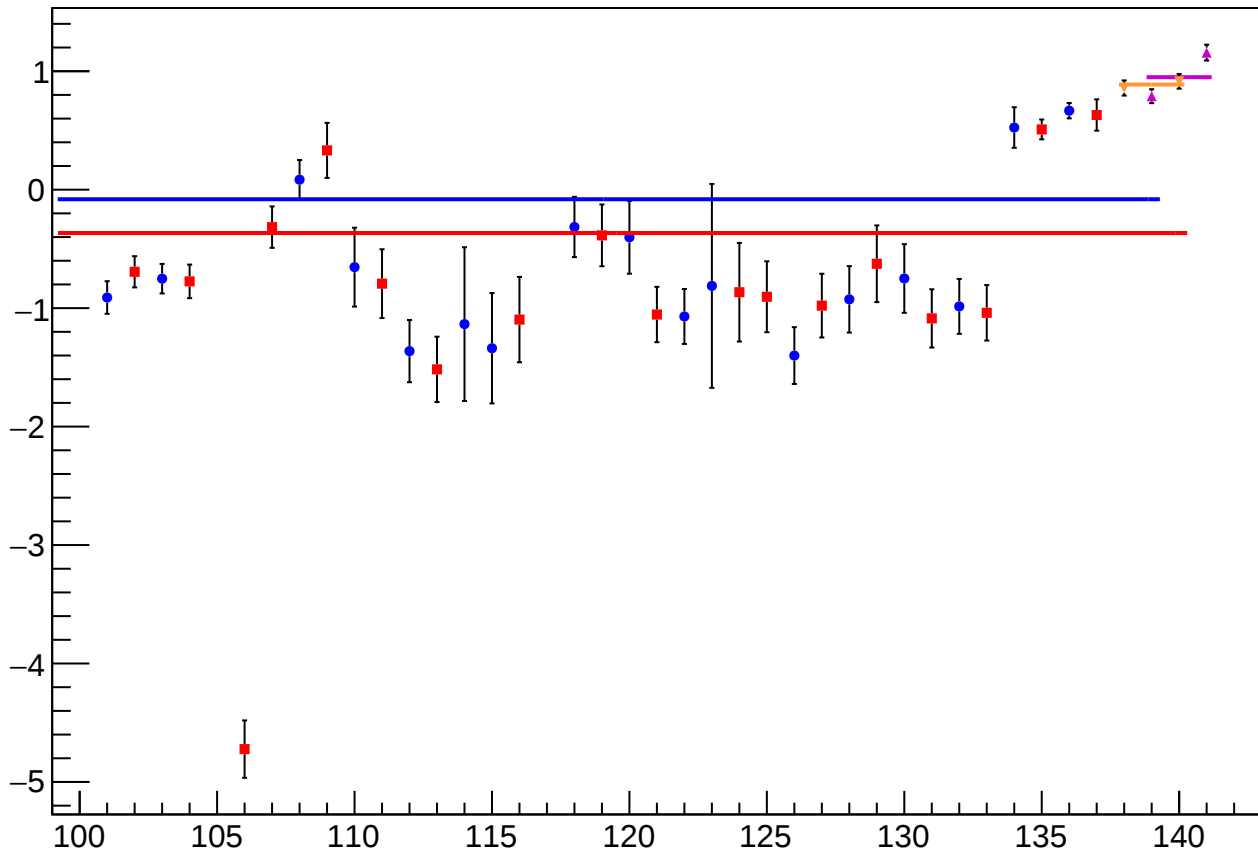
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -101.815 ± 0.672 χ^2/NDF : 1407.9/18

Out: -101.704 ± 0.665 χ^2/NDF : 995.1/19

All: -101.759 ± 0.473 χ^2/NDF : 2403.0/38

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: 0.887 ± 0.045 χ^2/NDF : 0.4/1

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.950 ± 0.044 χ^2/NDF : 17.0/1

Left: 0.919 ± 0.031 χ^2/NDF : 18.4/3

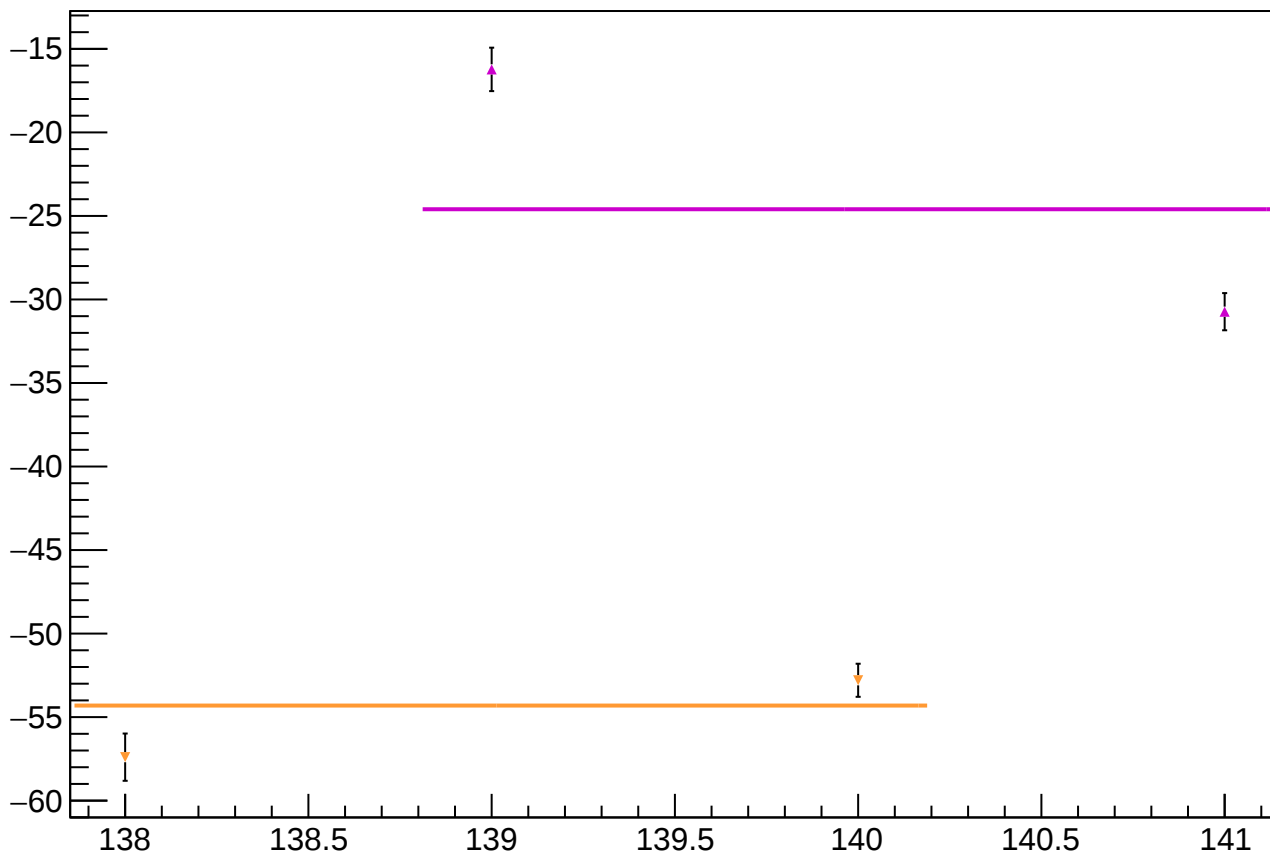
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.410 ± 0.031 χ^2/NDF : 630.1/18

Out: 0.253 ± 0.031 χ^2/NDF : 973.4/19

All: 0.333 ± 0.022 χ^2/NDF : 1616.4/38

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: -54.309+/-0.811 χ^2/NDF : 7.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.599+/-0.845 χ^2/NDF : 71.8/1

Left: -40.067+/-0.585 χ^2/NDF : 721.9/3

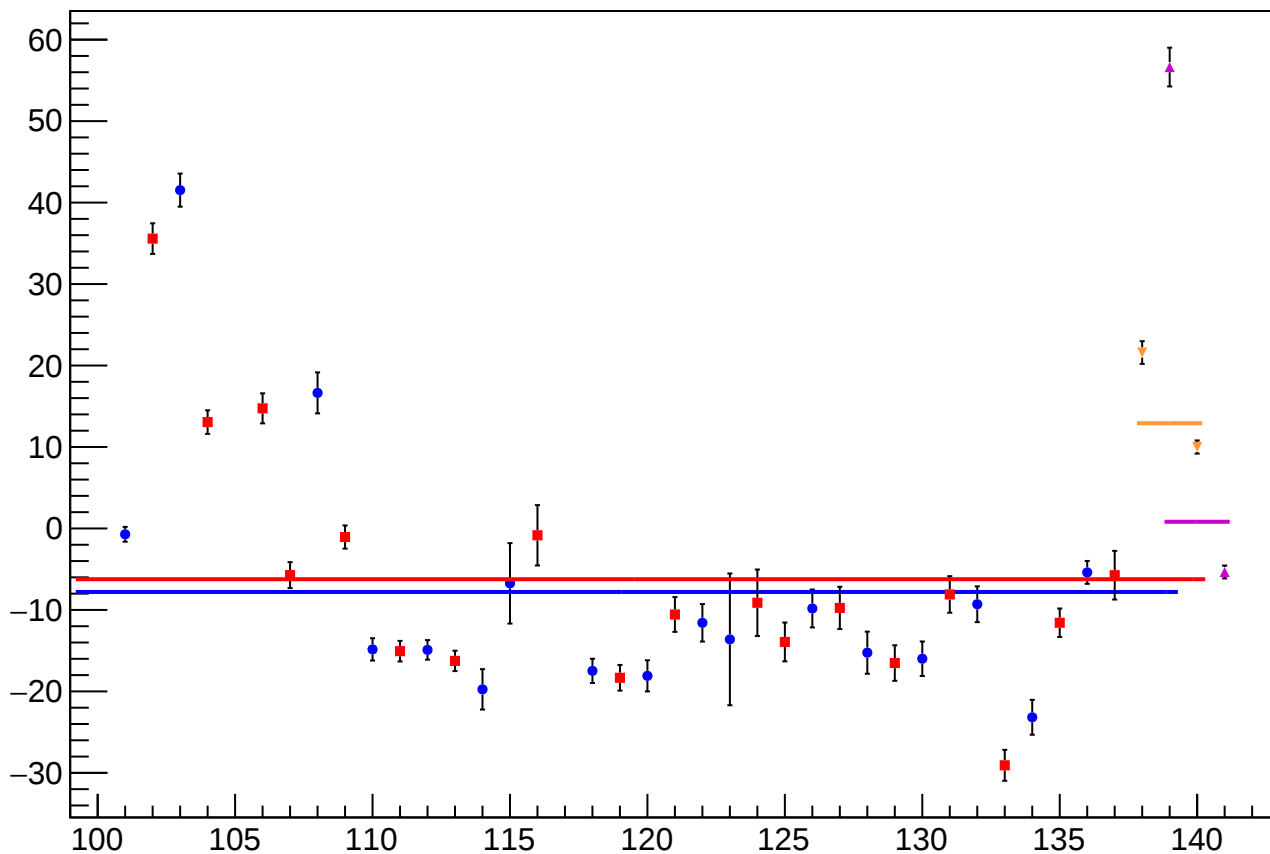
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.599+/-0.845 χ^2/NDF : 71.8/1

Out: -54.309+/-0.811 χ^2/NDF : 7.1/1

All: -40.067+/-0.585 χ^2/NDF : 721.9/3

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: 12.913 ± 0.699 χ^2/NDF : 51.8/1

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: 0.824 ± 0.751 χ^2/NDF : 610.4/1

Left: 7.299 ± 0.512 χ^2/NDF : 801.0/3

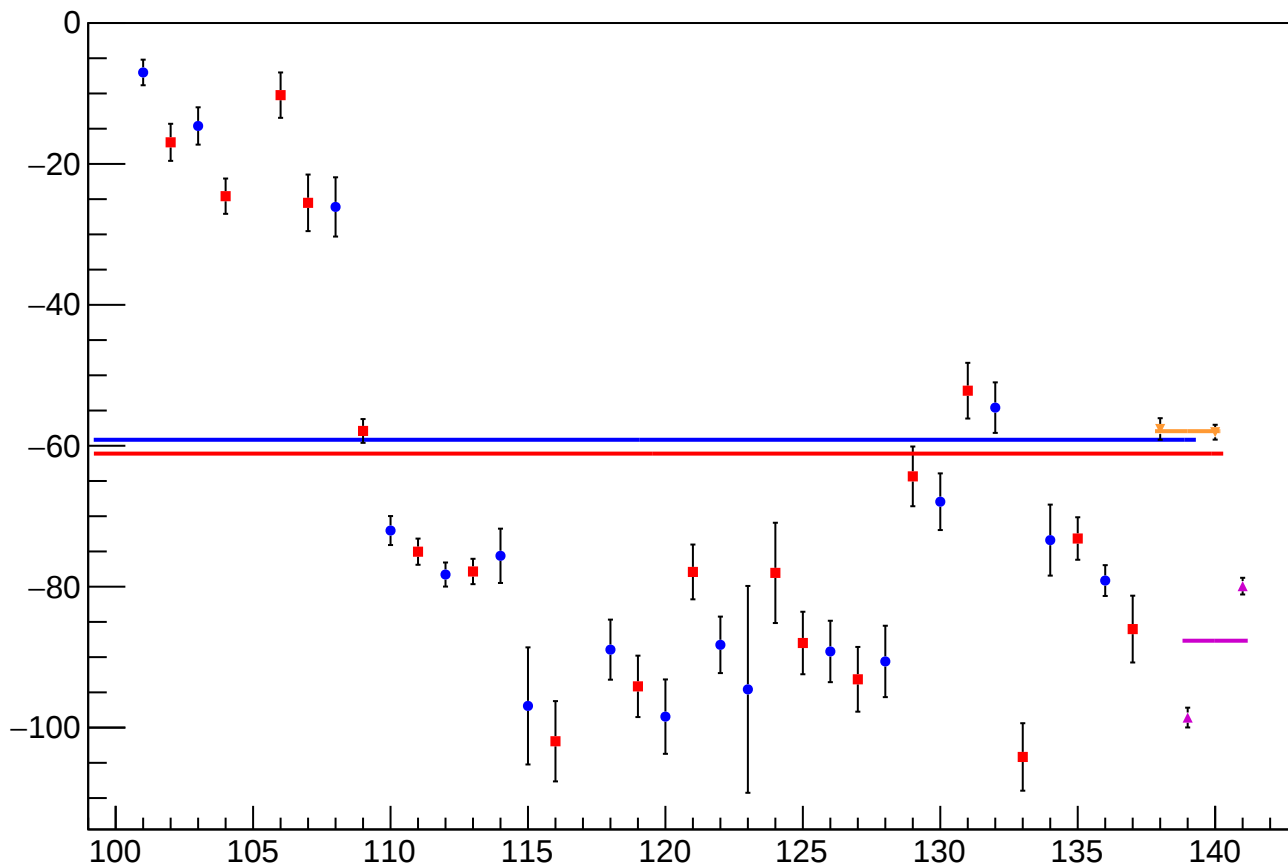
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -5.681 ± 0.372 χ^2/NDF : 1692.5/18

Out: -0.981 ± 0.366 χ^2/NDF : 1778.9/19

All: -3.295 ± 0.261 χ^2/NDF : 3552.5/38

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -57.929 $\pm$ 0.869 χ^2 /NDF: 0.1/1

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -87.669 $\pm$ 0.905 χ^2 /NDF: 103.2/1

Left: -72.196 $\pm$ 0.627 χ^2 /NDF: 665.1/3

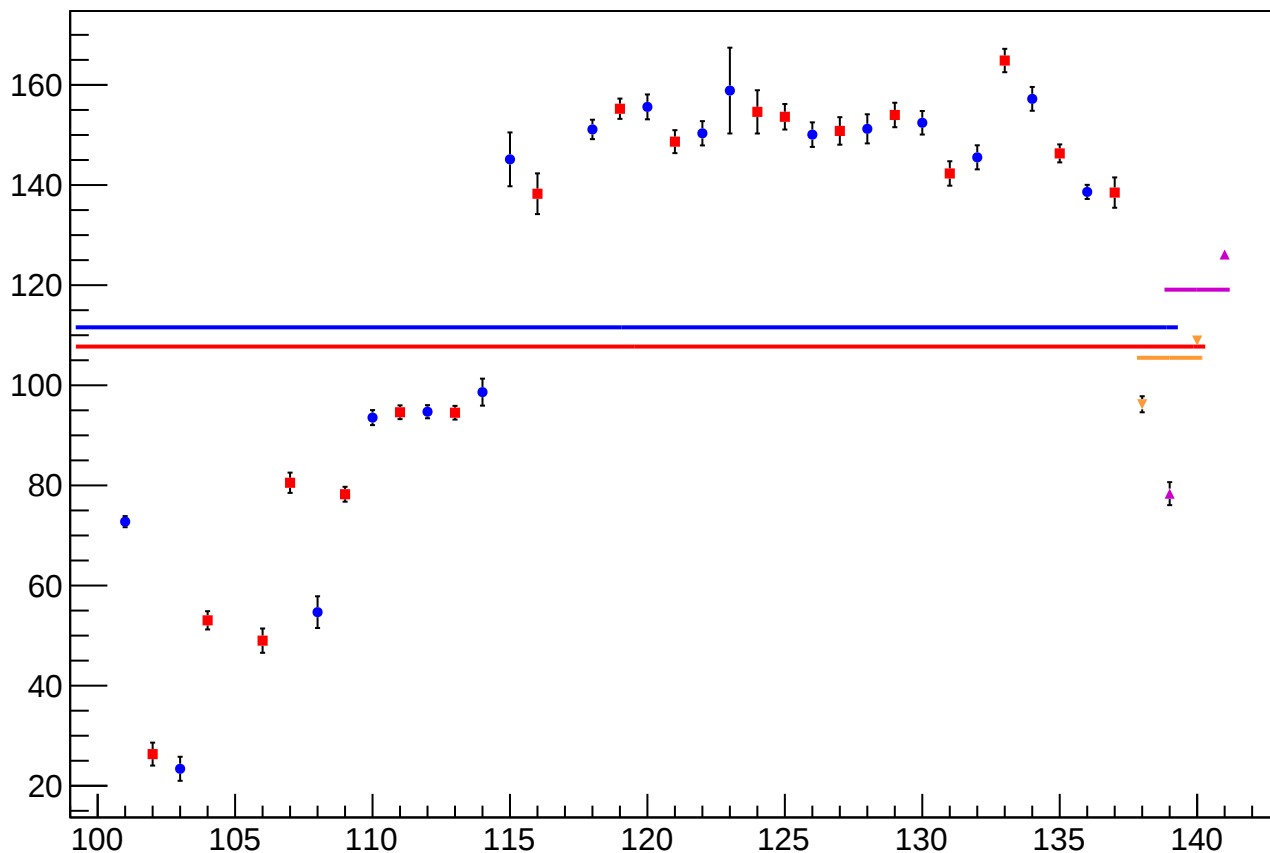
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -70.675 $\pm$ 0.575 χ^2 /NDF: 2413.3/18

Out: -59.843 $\pm$ 0.549 χ^2 /NDF: 1325.9/19

All: -65.004 $\pm$ 0.397 χ^2 /NDF: 3924.8/38

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: 105.491 $\pm$ 0.834 χ^2 /NDF:46.0/1

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 119.099 $\pm$ 0.880 χ^2 /NDF:369.5/1

Left: 111.927 $\pm$ 0.605 χ^2 /NDF: 541.5/3

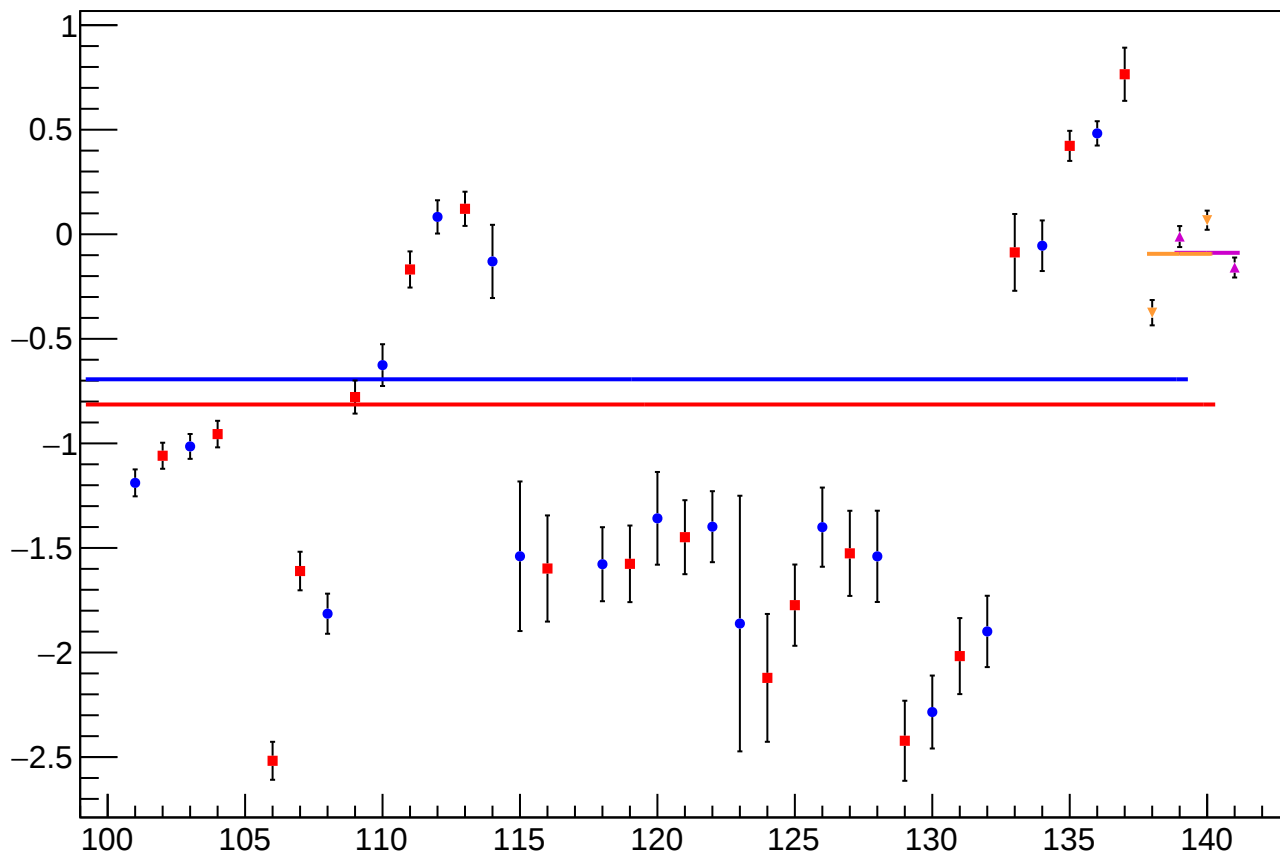
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 113.345 $\pm$ 0.426 χ^2 /NDF:6371.4/18

Out: 107.161 $\pm$ 0.422 χ^2 /NDF:6887.5/19

All: 110.217 $\pm$ 0.300 χ^2 /NDF: 13365.3/38

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.094 ± 0.037 χ^2/NDF : 33.9/1

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.089 ± 0.035 χ^2/NDF : 4.6/1

Left: -0.091 ± 0.025 χ^2/NDF : 38.5/3

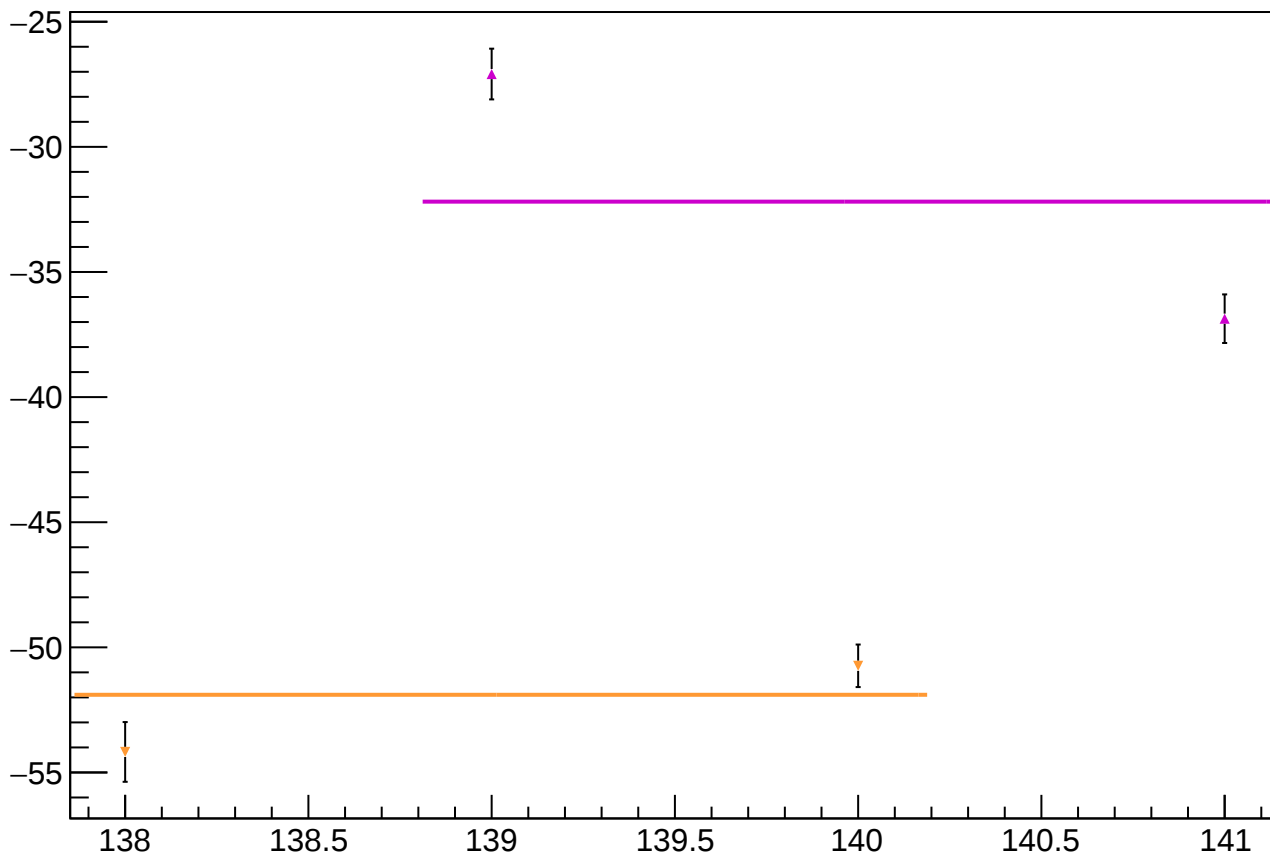
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.477 ± 0.021 χ^2/NDF : 1191.6/18

Out: -0.591 ± 0.020 χ^2/NDF : 1611.2/19

All: -0.535 ± 0.015 χ^2/NDF : 2818.1/38

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: -51.896+/-0.692 χ^2/NDF : 5.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.189+/-0.701 χ^2/NDF : 48.5/1

Left: -42.167+/-0.493 χ^2/NDF : 454.0/3

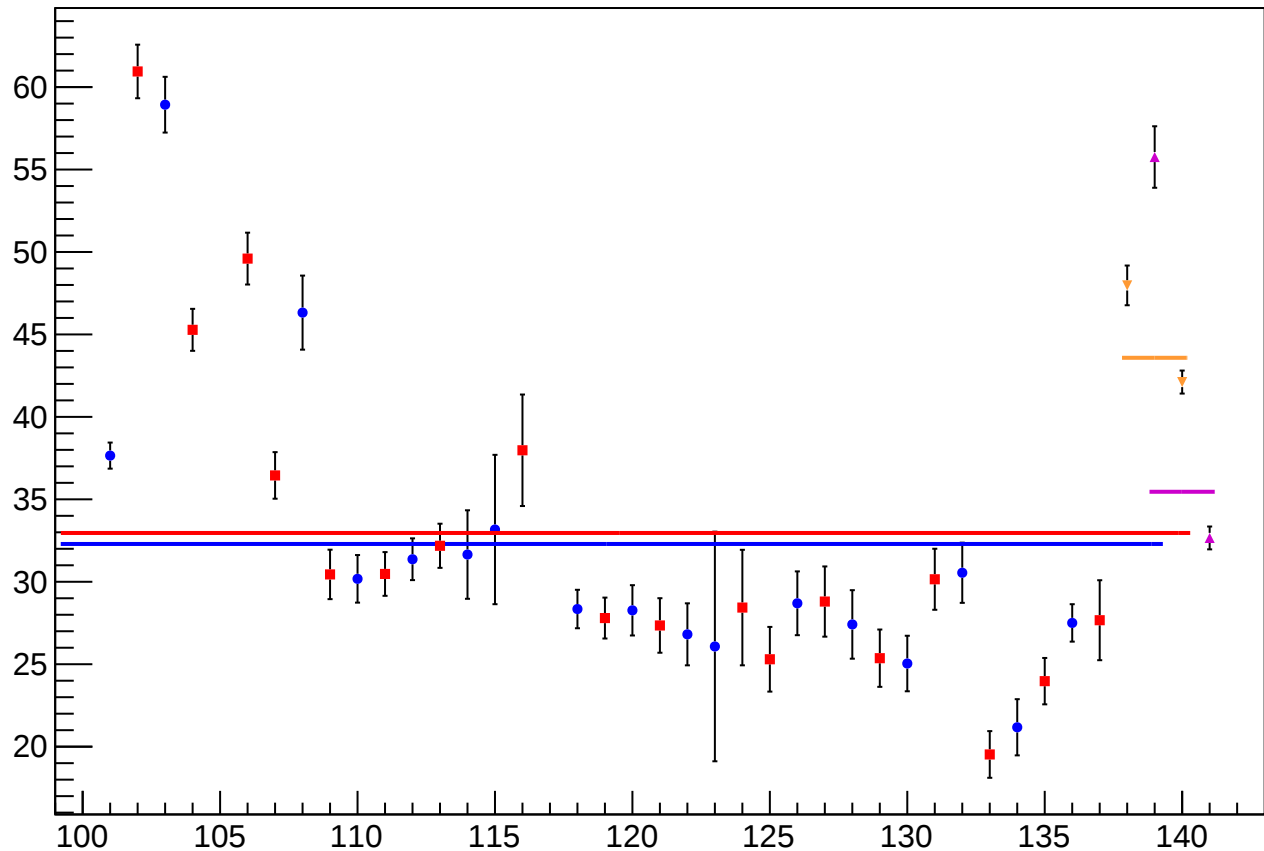
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.189+/-0.701 χ^2/NDF : 48.5/1

Out: -51.896+/-0.692 χ^2/NDF : 5.5/1

All: -42.167+/-0.493 χ^2/NDF : 454.0/3

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 43.583 $\pm$ 0.604 χ^2 /NDF:17.7/1

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 35.459 $\pm$ 0.649 χ^2 /NDF:134.8/1

Left: 39.818 $\pm$ 0.442 χ^2 /NDF: 236.5/3

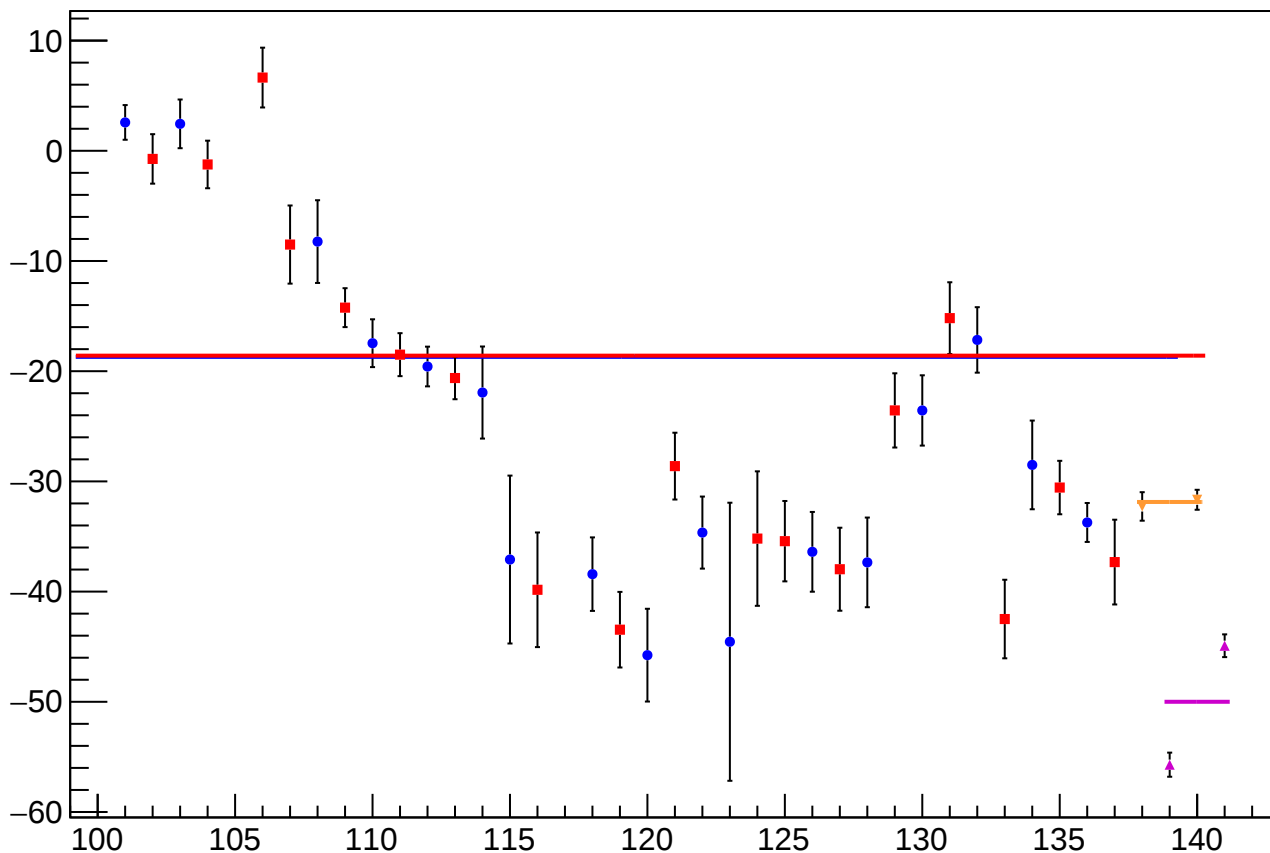
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 33.079 $\pm$ 0.324 χ^2 /NDF:605.2/18

Out: 35.972 $\pm$ 0.321 χ^2 /NDF:963.7/19

All: 34.535 $\pm$ 0.228 χ^2 /NDF: 1609.2/38

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: -31.867 ± 0.742 χ^2/NDF : 0.1/1

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -49.999 ± 0.751 χ^2/NDF : 51.5/1

Left: -40.822 ± 0.528 χ^2/NDF : 346.7/3

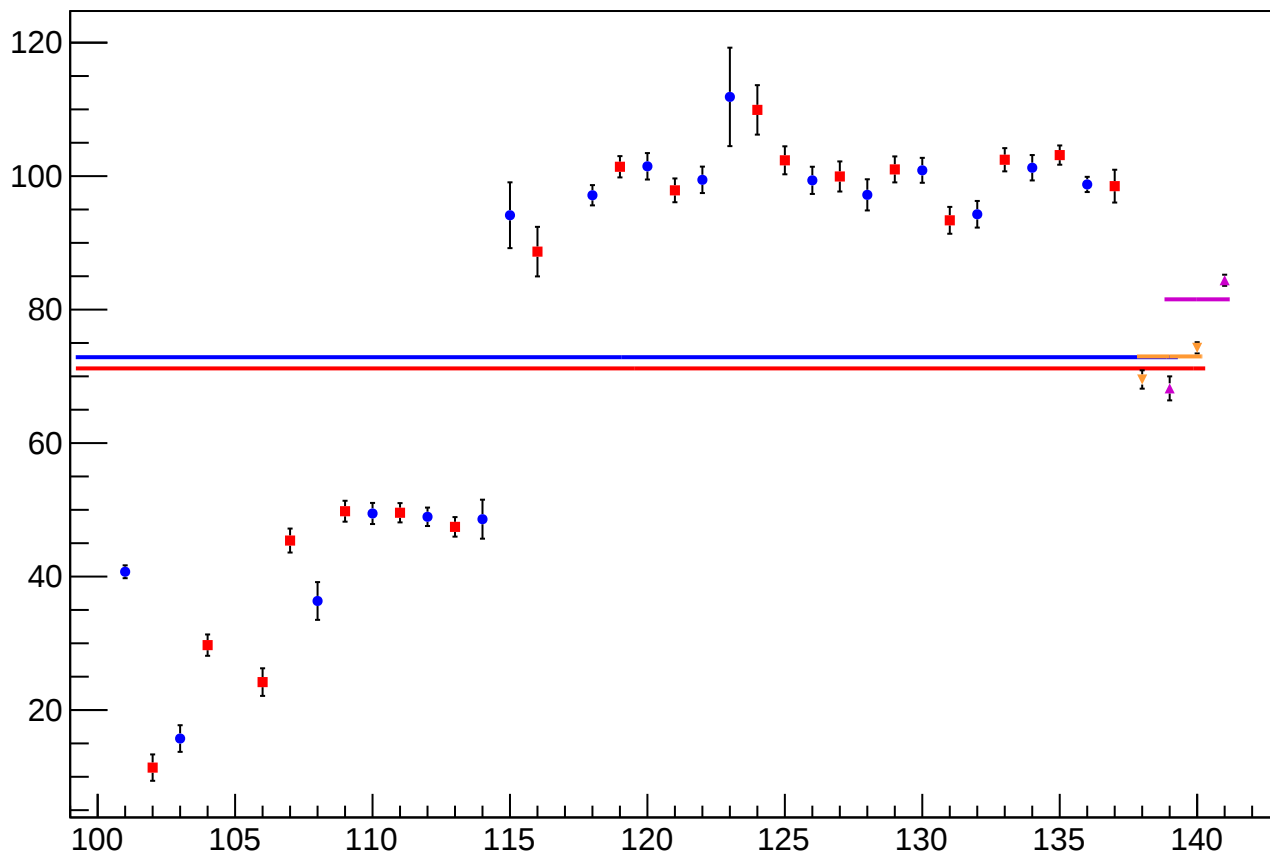
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -32.492 ± 0.498 χ^2/NDF : 1542.3/18

Out: -24.331 ± 0.488 χ^2/NDF : 643.2/19

All: -28.324 ± 0.349 χ^2/NDF : 2322.5/38

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 72.984 $\pm$ 0.718 χ^2 /NDF: 8.7/1

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 81.539 $\pm$ 0.756 χ^2 /NDF: 66.8/1

Left: 77.041 $\pm$ 0.520 χ^2 /NDF: 142.8/3

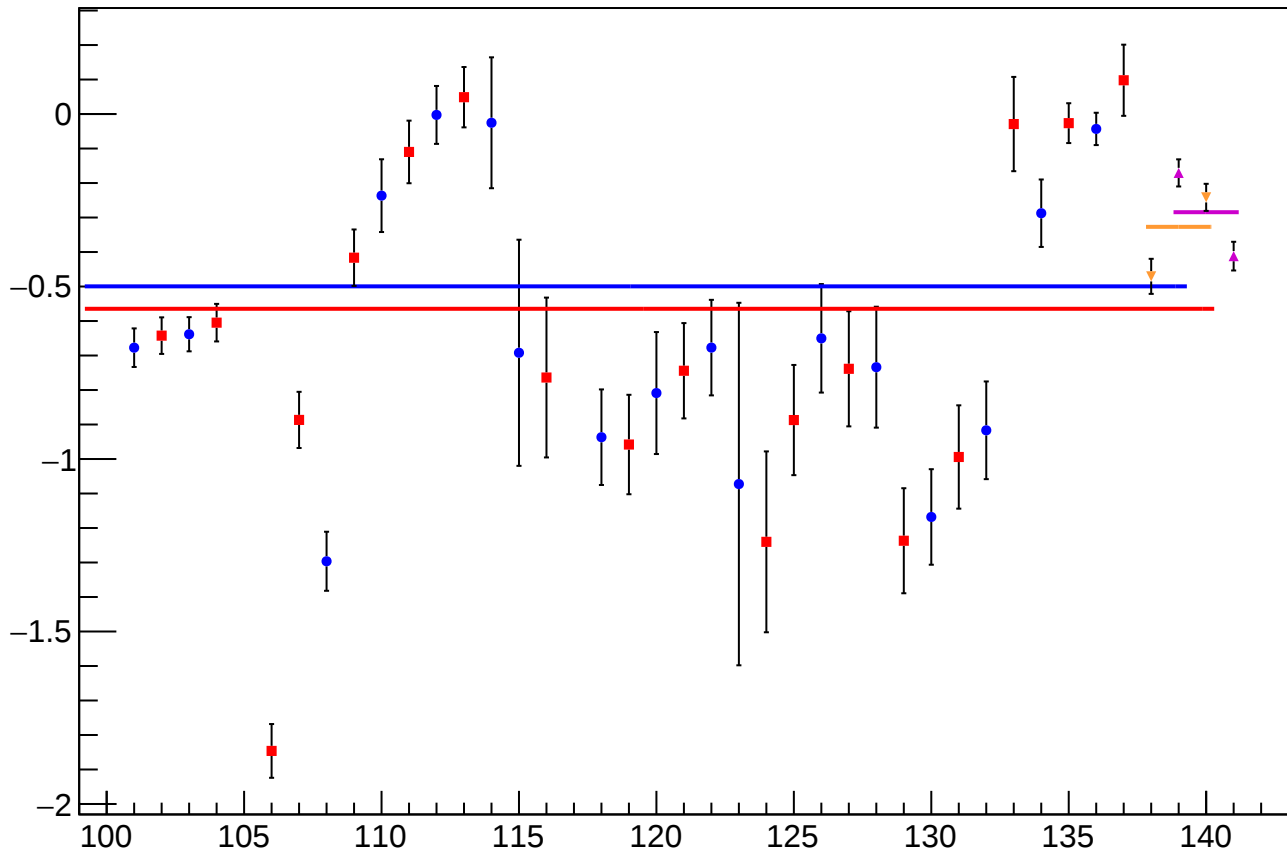
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.965 $\pm$ 0.371 χ^2 /NDF: 4893.7/18

Out: 71.670 $\pm$ 0.371 χ^2 /NDF: 5388.4/19

All: 73.317 $\pm$ 0.263 χ^2 /NDF: 10321.4/38

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: -0.327 ± 0.031 χ^2/NDF : 12.7/1

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.285 ± 0.029 χ^2/NDF : 17.8/1

Left: -0.304 ± 0.021 χ^2/NDF : 31.5/3

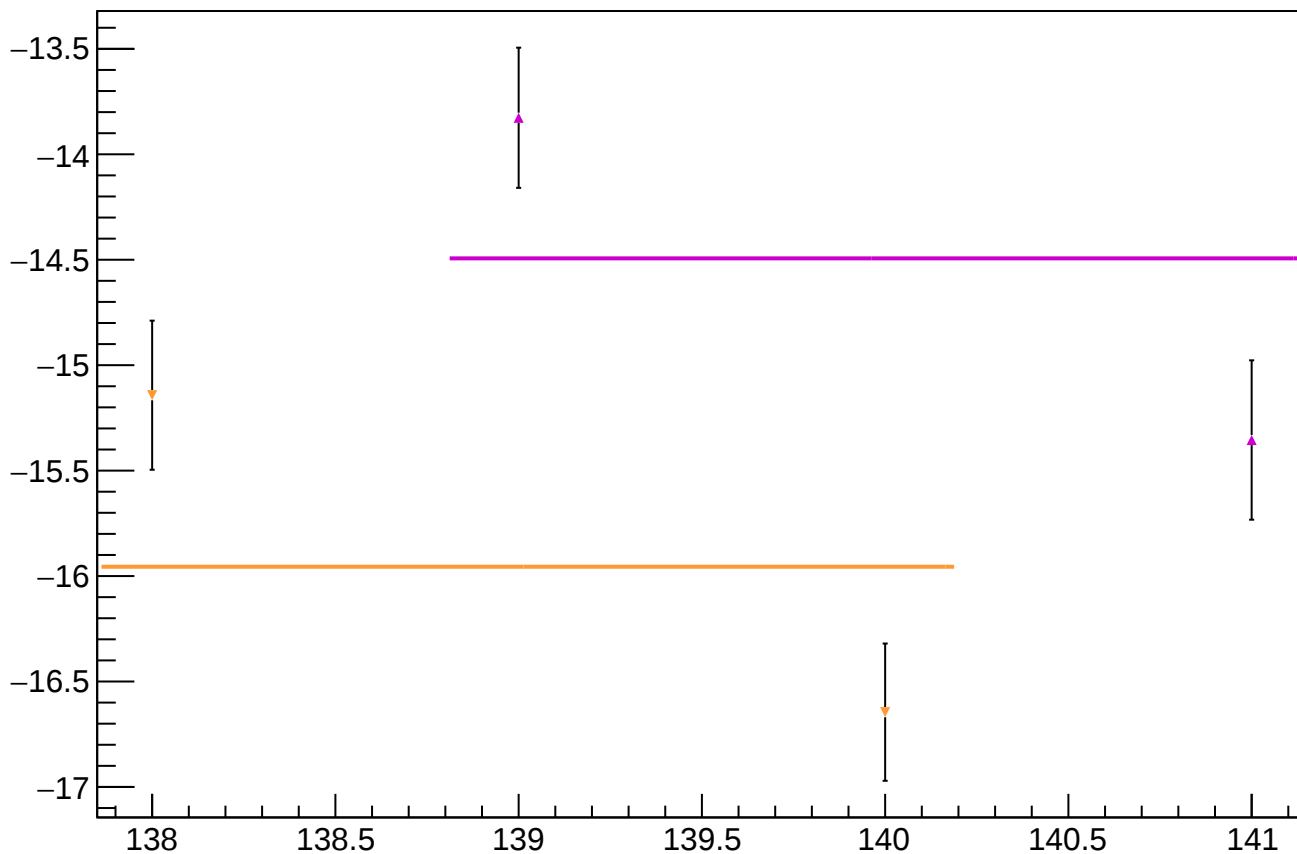
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.418 ± 0.018 χ^2/NDF : 355.5/18

Out: -0.487 ± 0.018 χ^2/NDF : 611.6/19

All: -0.453 ± 0.012 χ^2/NDF : 974.8/38

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: -15.956+/-0.239 χ^2/NDF : 9.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.494+/-0.250 χ^2/NDF : 9.2/1

Left: -15.255+/-0.173 χ^2/NDF : 36.9/3

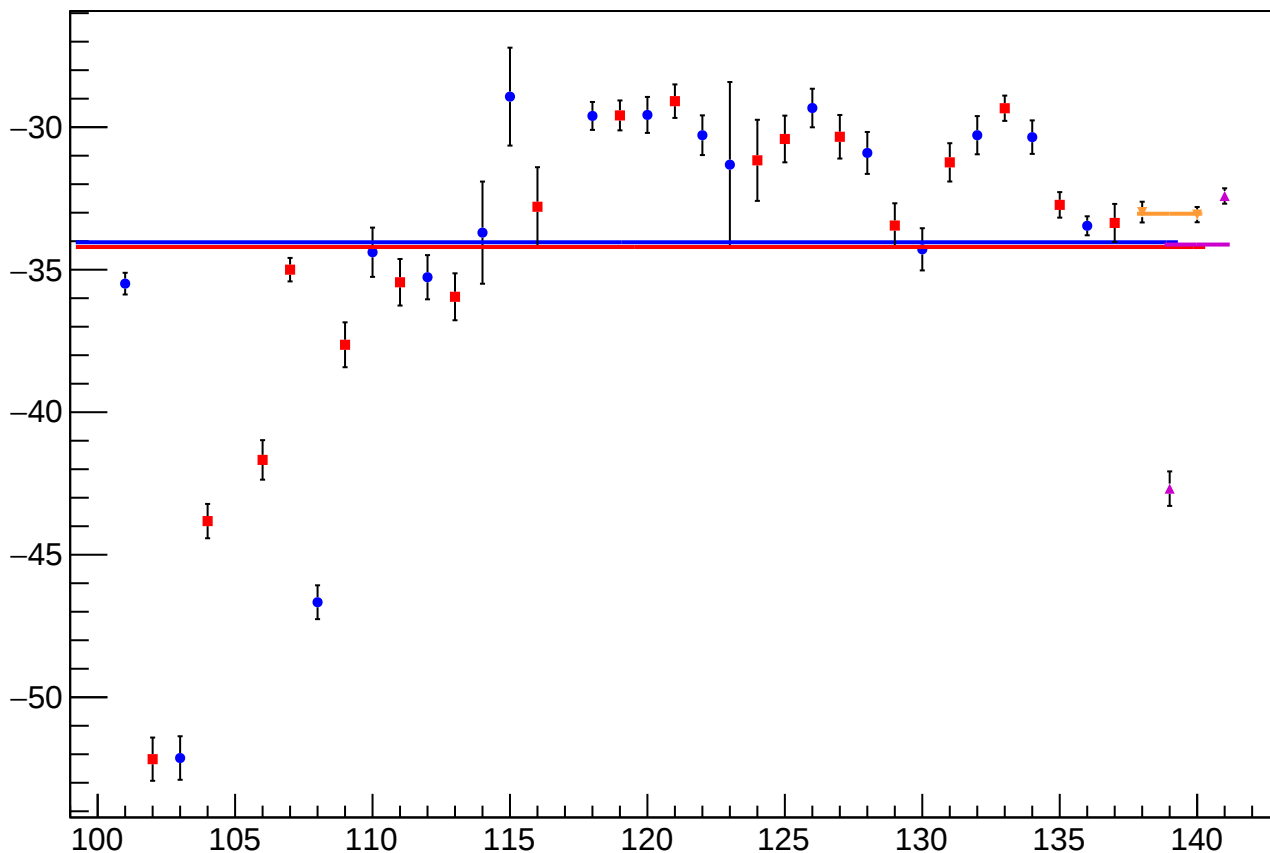
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.494+/-0.250 χ^2/NDF : 9.2/1

Out: -15.956+/-0.239 χ^2/NDF : 9.8/1

All: -15.255+/-0.173 χ^2/NDF : 36.9/3

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: -33.036 ± 0.216 χ^2/NDF : 0.0/1

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -34.118 ± 0.247 χ^2/NDF : 239.9/1

Left: -33.505 ± 0.162 χ^2/NDF : 250.8/3

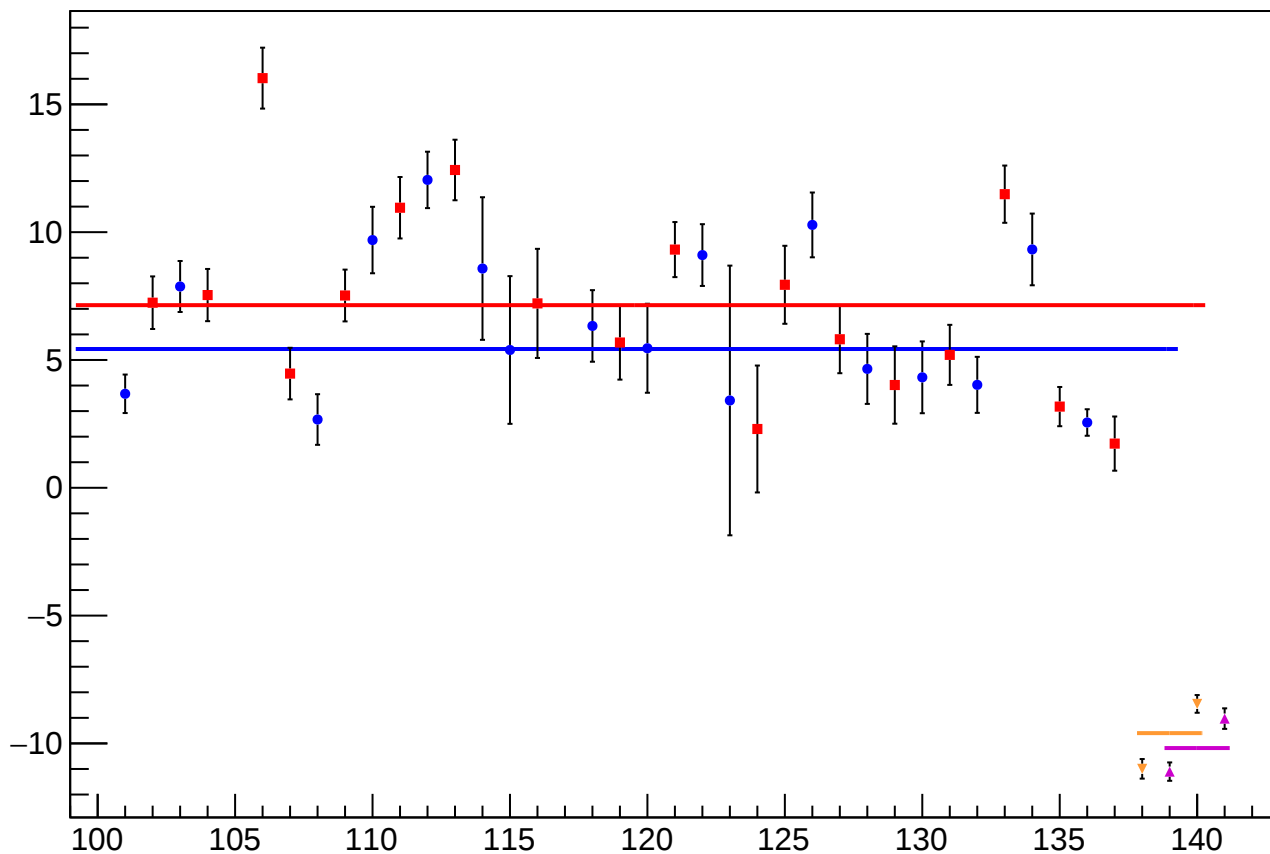
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -34.060 ± 0.129 χ^2/NDF : 1582.9/18

Out: -33.821 ± 0.124 χ^2/NDF : 1340.5/19

All: -33.935 ± 0.089 χ^2/NDF : 2925.2/38

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -9.597 ± 0.257 $\chi^2/\text{NDF}: 24.1/1$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.182 ± 0.268 $\chi^2/\text{NDF}: 14.8/1$

Left: -9.878 ± 0.185 $\chi^2/\text{NDF}: 41.4/3$

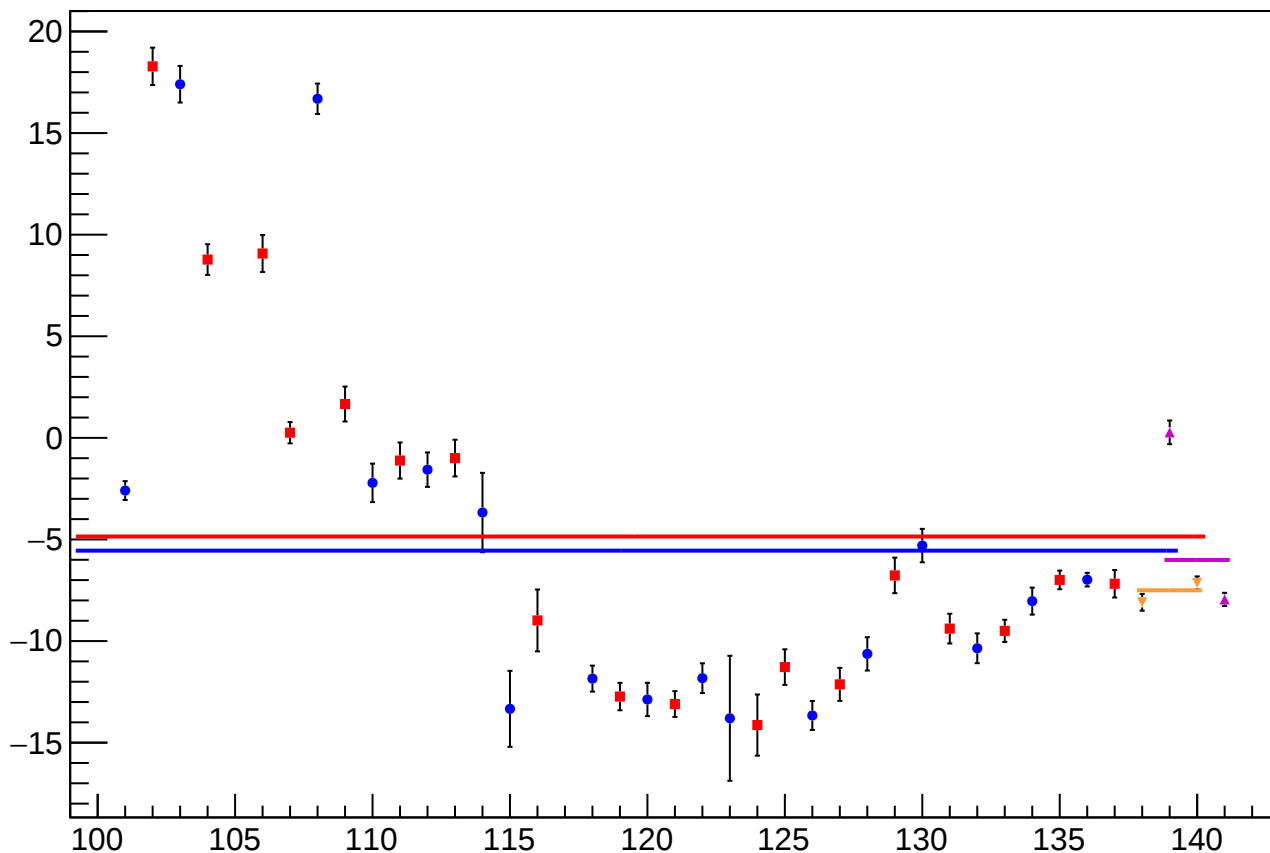
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -2.436 ± 0.190 $\chi^2/\text{NDF}: 1833.1/18$

Out: -1.786 ± 0.188 $\chi^2/\text{NDF}: 2180.0/19$

All: -2.107 ± 0.134 $\chi^2/\text{NDF}: 4019.1/38$

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: -7.502 ± 0.254 χ^2/NDF : 3.3/1

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.008 ± 0.284 χ^2/NDF : 151.7/1

Left: -6.836 ± 0.189 χ^2/NDF : 170.4/3

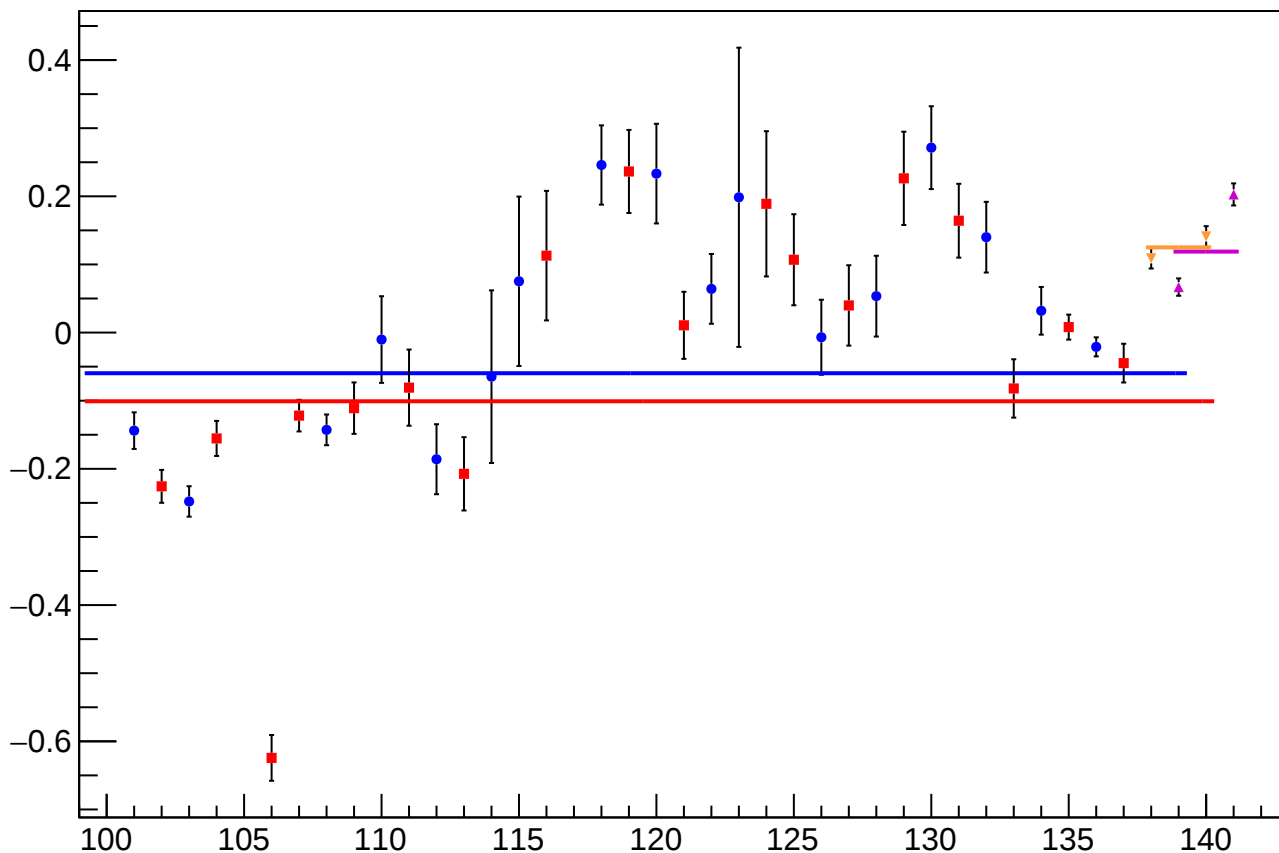
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.671 ± 0.146 χ^2/NDF : 2280.2/18

Out: -5.691 ± 0.143 χ^2/NDF : 2090.6/19

All: -5.681 ± 0.102 χ^2/NDF : 4370.7/38

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: 0.125 ± 0.011 χ^2/NDF : 2.3/1

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.119 ± 0.010 χ^2/NDF : 43.5/1

Left: 0.122 ± 0.007 χ^2/NDF : 46.0/3

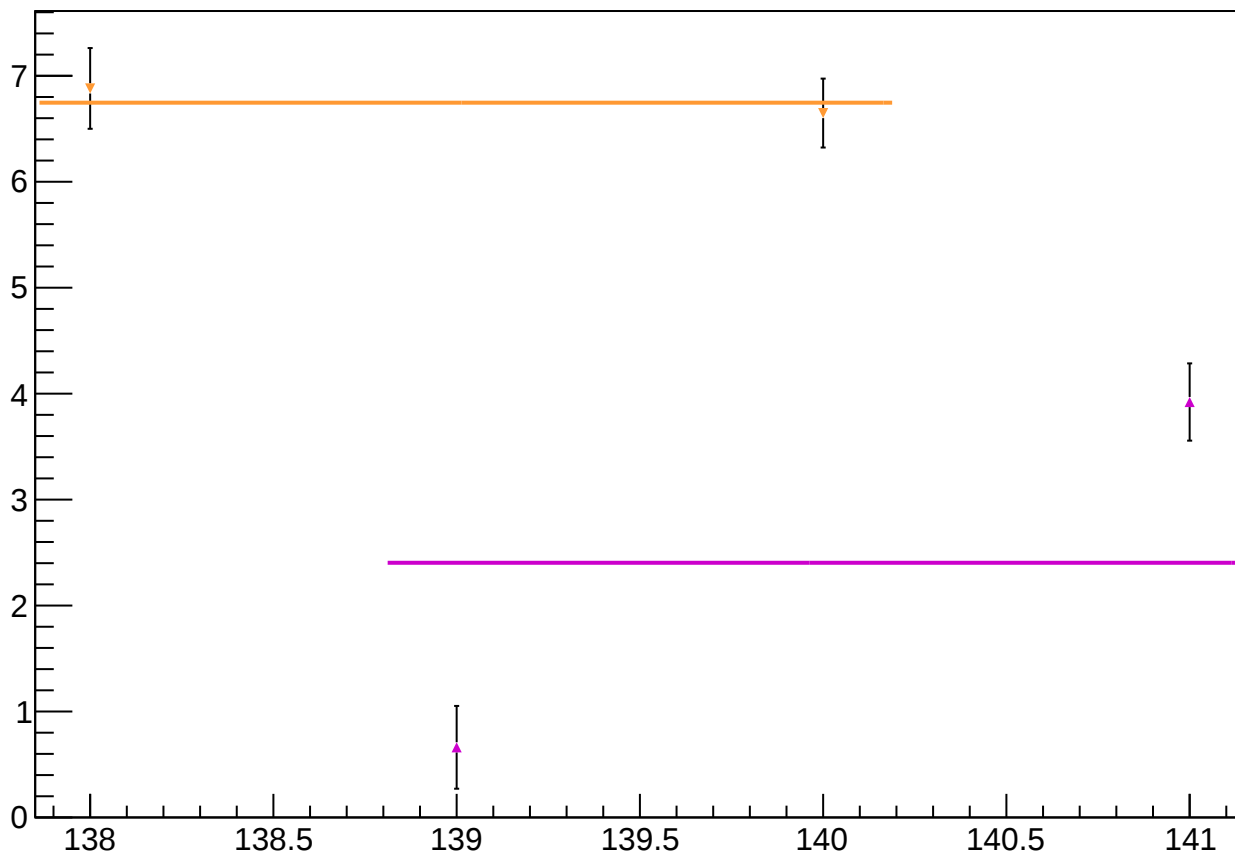
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.014 ± 0.006 χ^2/NDF : 446.6/18

Out: -0.013 ± 0.007 χ^2/NDF : 707.9/19

All: 0.001 ± 0.005 χ^2/NDF : 1163.3/38

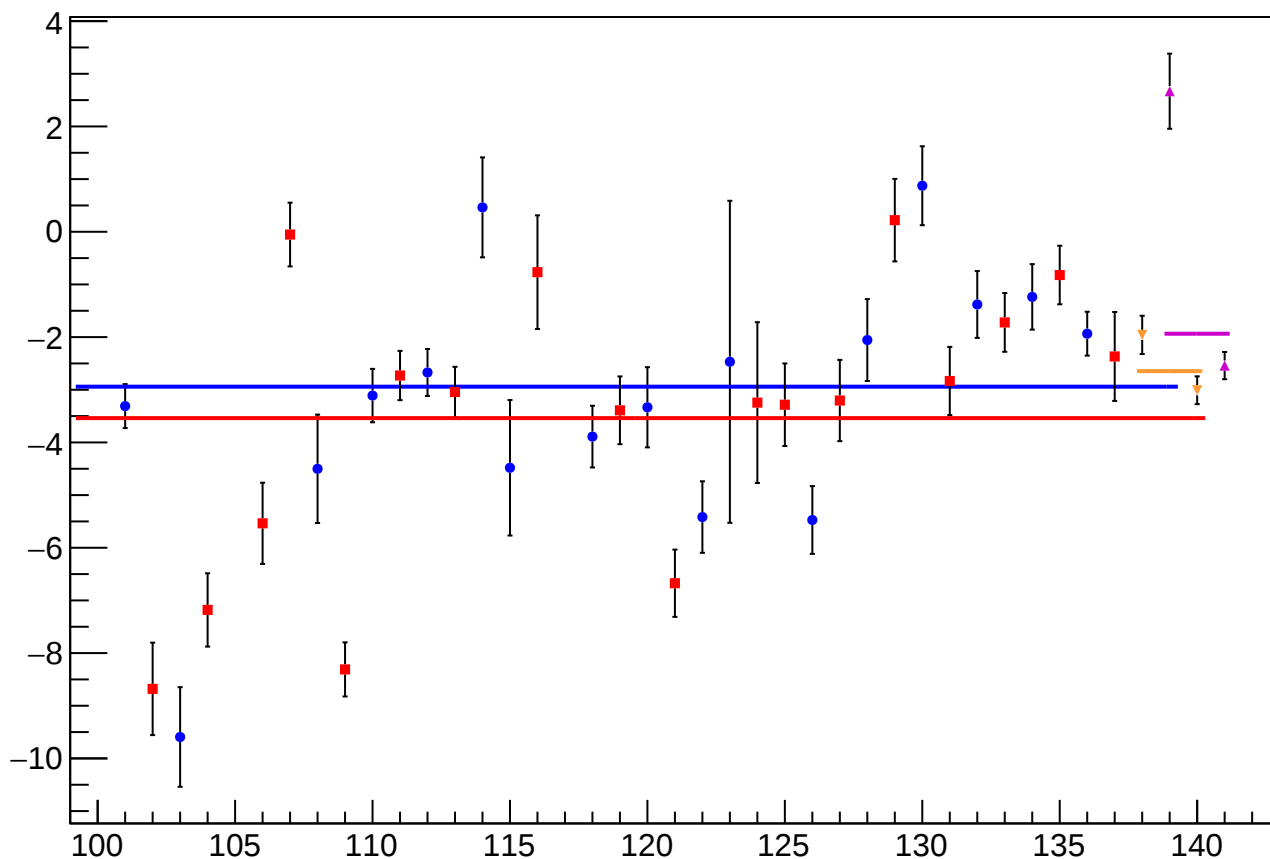
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.746 $\pm$ 0.247 χ^2/NDF :0.2/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.404 $\pm$ 0.267 χ^2/NDF :37.2/1

Left: 4.737 $\pm$ 0.181 χ^2/NDF : 180.0/3
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.404 $\pm$ 0.267 χ^2/NDF :37.2/1
 Out: 6.746 $\pm$ 0.247 χ^2/NDF :0.2/1
 All: 4.737 $\pm$ 0.181 χ^2/NDF : 180.0/3

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: -2.646 ± 0.214 χ^2/NDF : 5.5/1

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.936 ± 0.243 χ^2/NDF : 47.2/1

Left: -2.336 ± 0.160 χ^2/NDF : 57.5/3

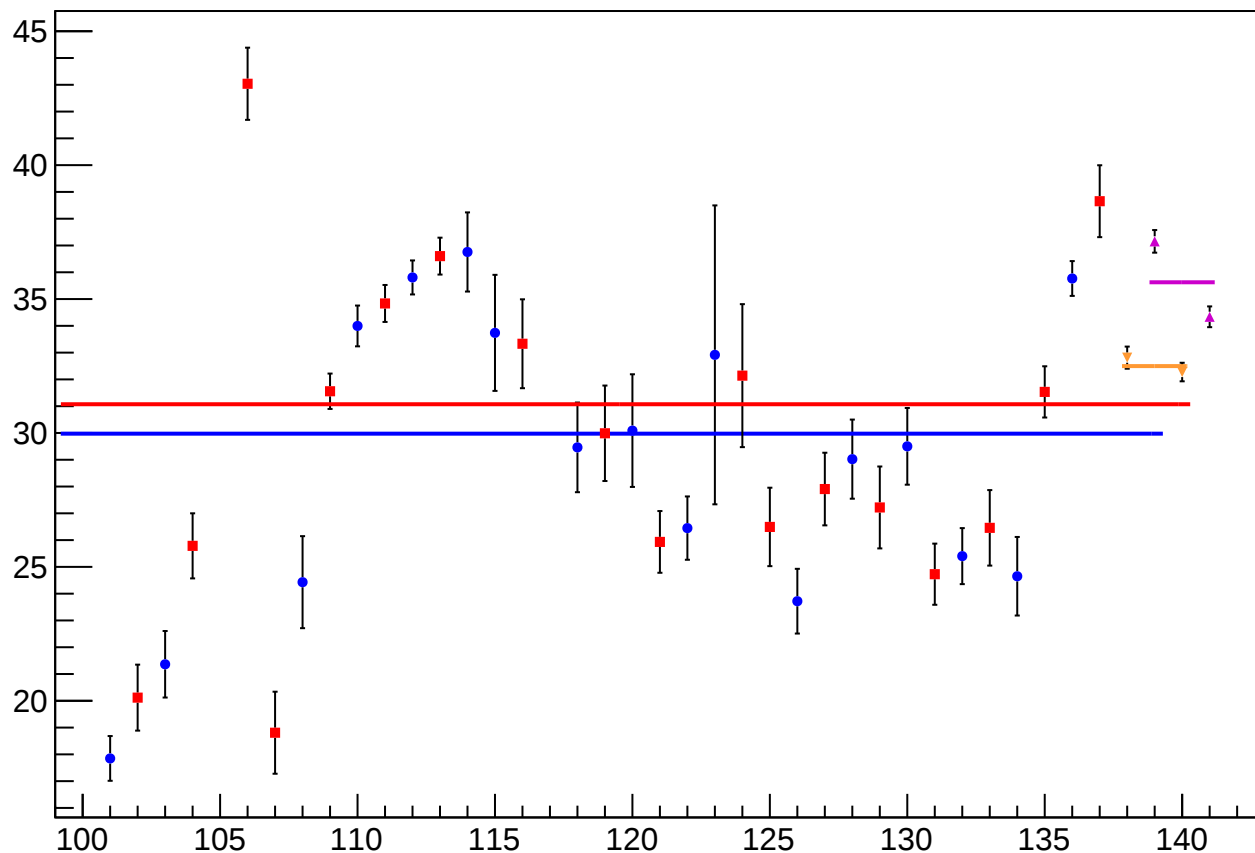
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.652 ± 0.130 χ^2/NDF : 205.0/18

Out: -3.232 ± 0.125 χ^2/NDF : 300.5/19

All: -2.953 ± 0.090 χ^2/NDF : 515.8/38

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 32.497 ± 0.265 $\chi^2/\text{NDF}: 1.0/1$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 35.626 ± 0.286 $\chi^2/\text{NDF}: 24.1/1$

Left: 33.947 ± 0.194 $\chi^2/\text{NDF}: 89.6/3$

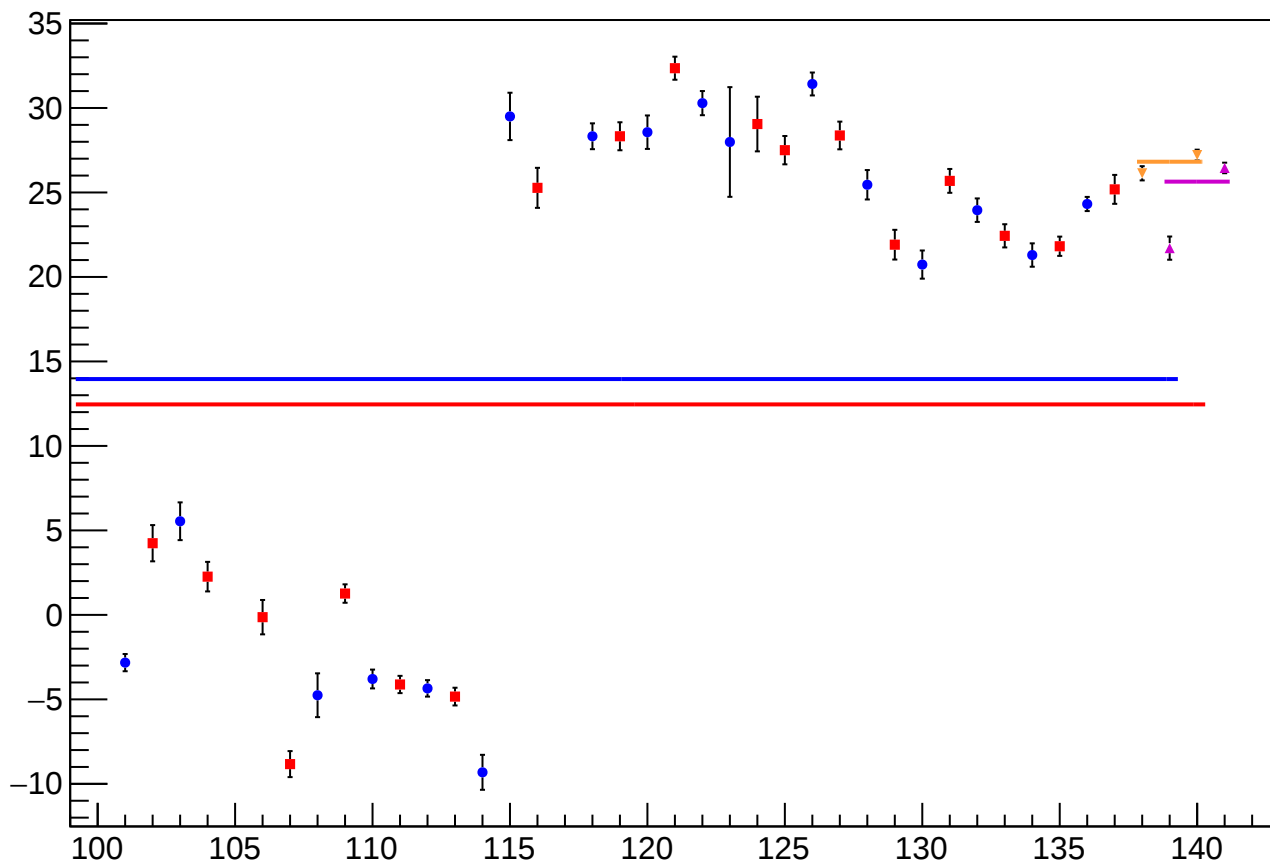
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 32.613 ± 0.195 $\chi^2/\text{NDF}: 787.0/18$

Out: 31.771 ± 0.186 $\chi^2/\text{NDF}: 469.0/19$

All: 32.172 ± 0.135 $\chi^2/\text{NDF}: 1265.7/38$

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: 26.820 $\pm$ 0.255 χ^2 /NDF:4.2/1

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 25.641 $\pm$ 0.284 χ^2 /NDF:39.6/1

Left: 26.294 $\pm$ 0.190 χ^2 /NDF: 53.3/3

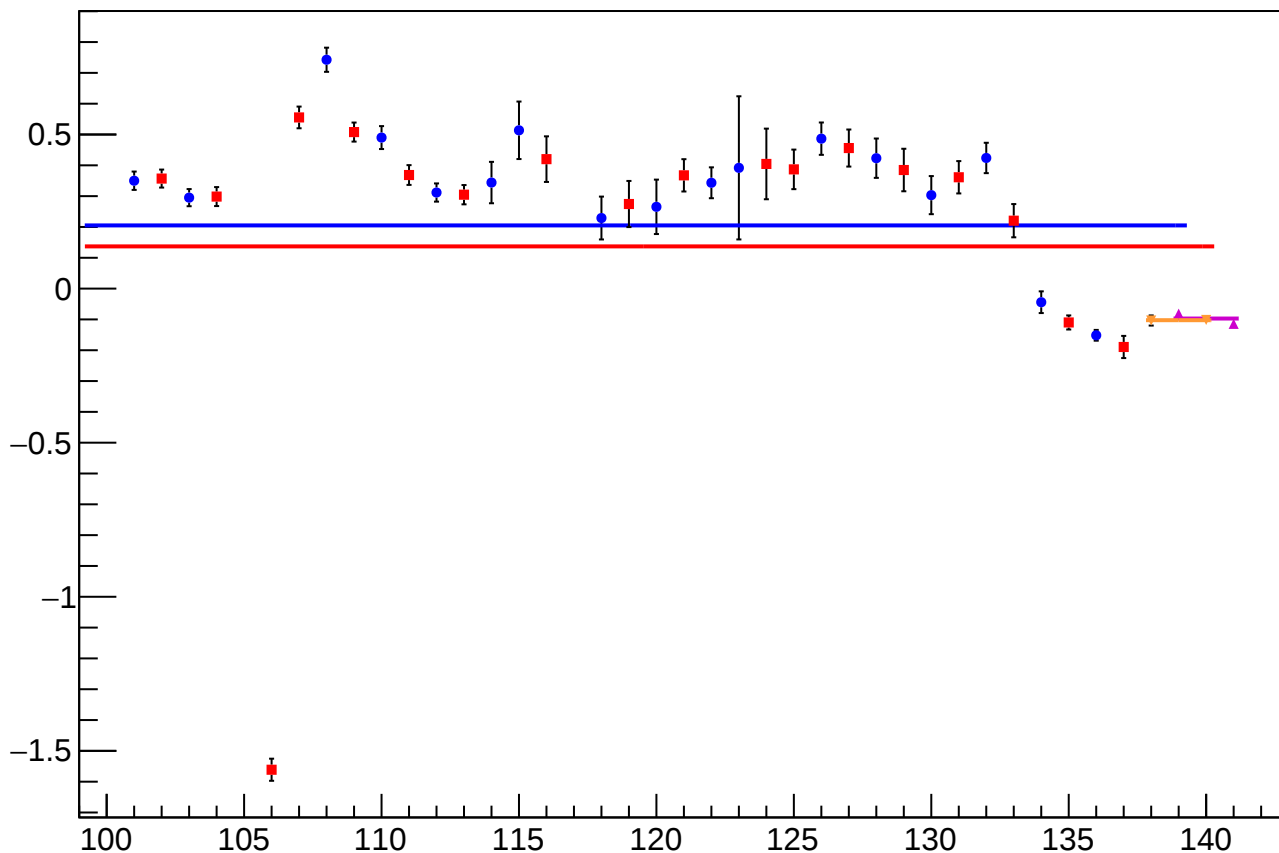
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 17.101 $\pm$ 0.147 χ^2 /NDF:8625.7/18

Out: 17.020 $\pm$ 0.144 χ^2 /NDF:9155.3/19

All: 17.060 $\pm$ 0.103 χ^2 /NDF: 17781.2/38

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: -0.103 ± 0.011 $\chi^2/\text{NDF}: 0.0/1$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.097 ± 0.011 $\chi^2/\text{NDF}: 2.3/1$

Left: -0.100 ± 0.008 $\chi^2/\text{NDF}: 2.5/3$

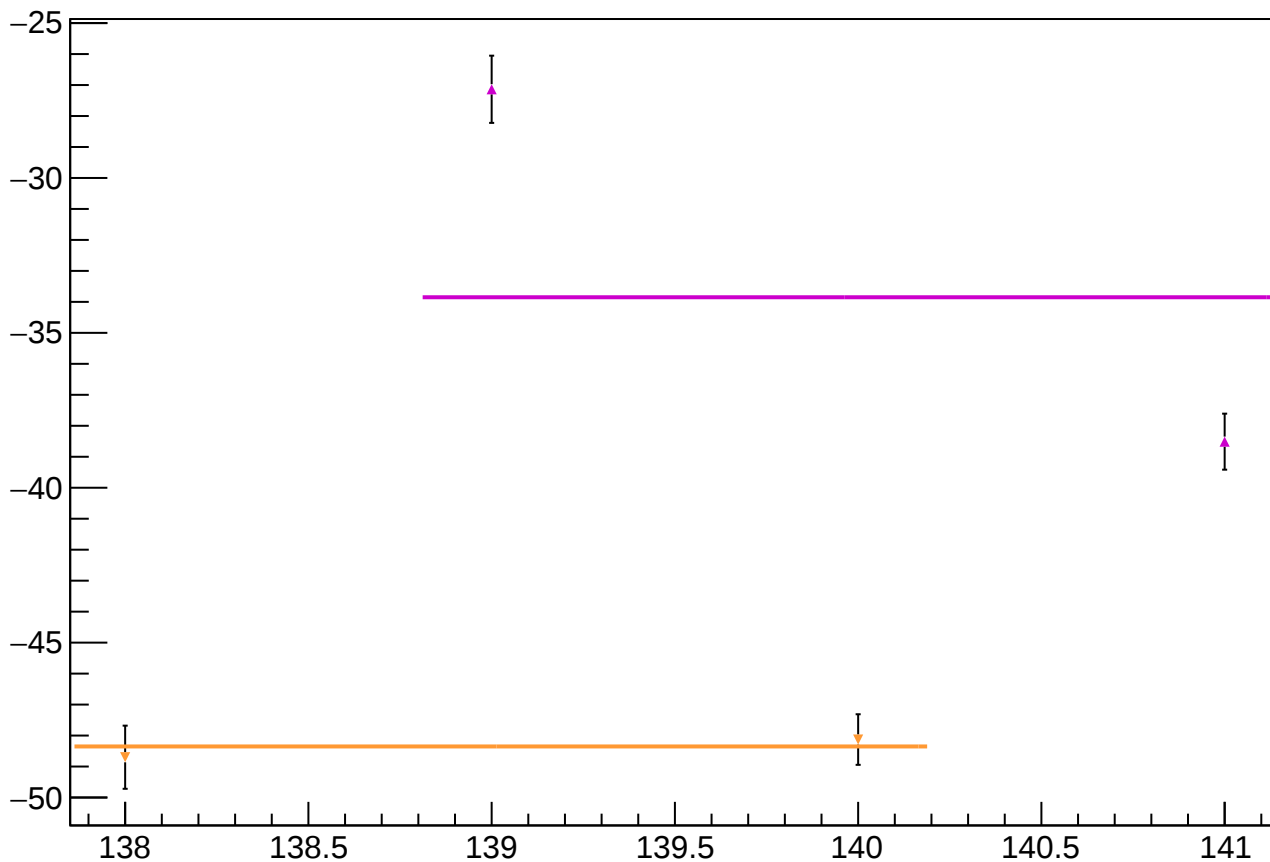
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: 0.076 ± 0.007 $\chi^2/\text{NDF}: 1293.6/18$

Out: 0.039 ± 0.007 $\chi^2/\text{NDF}: 3283.2/19$

All: 0.058 ± 0.005 $\chi^2/\text{NDF}: 4590.0/38$

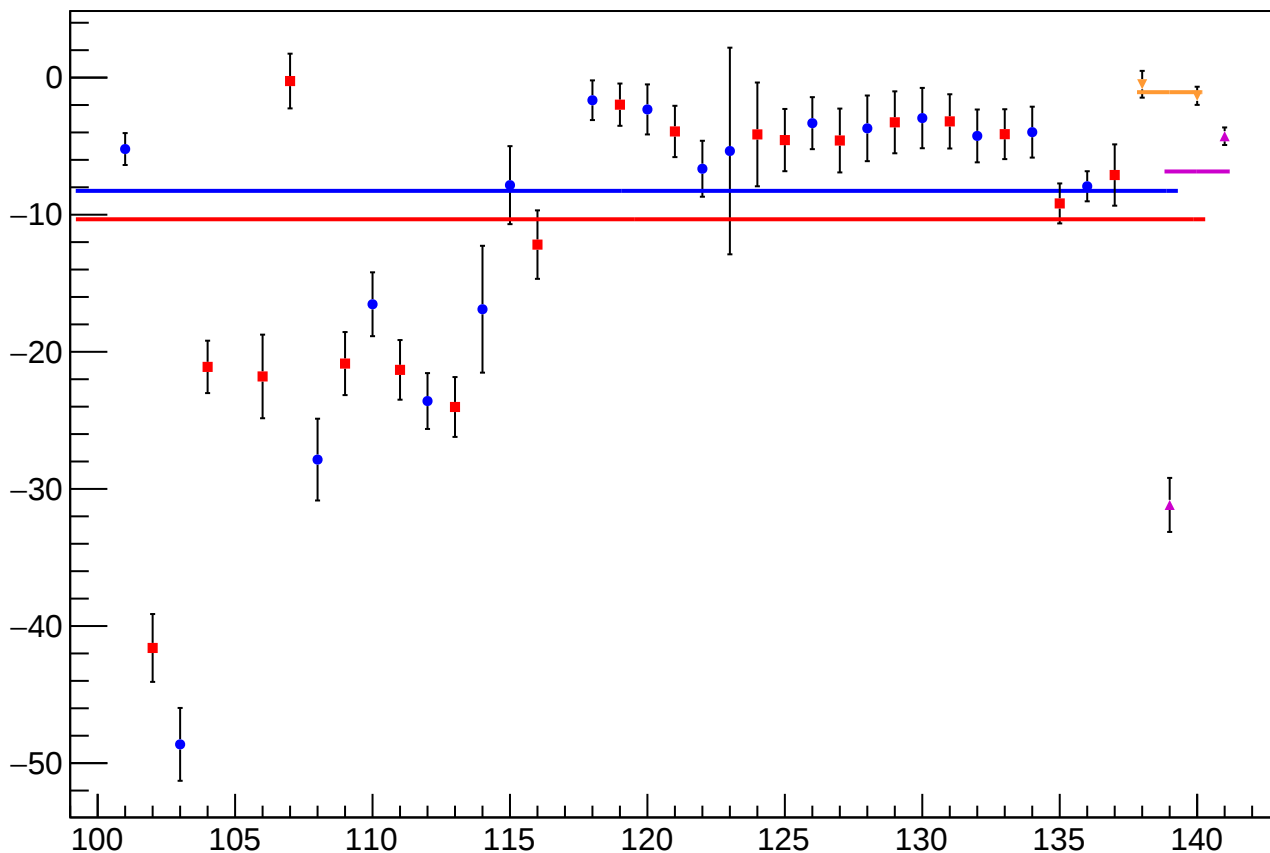
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -48.352+/-0.637 χ^2/NDF : 0.2/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.851+/-0.695 χ^2/NDF : 64.9/1

Left: -41.724+/-0.470 χ^2/NDF : 301.7/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.851+/-0.695 χ^2/NDF : 64.9/1
 Out: -48.352+/-0.637 χ^2/NDF : 0.2/1
 All: -41.724+/-0.470 χ^2/NDF : 301.7/3

reg_asym_sam_24_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -1.064 ± 0.548 χ^2/NDF : 0.5/1

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -6.847 ± 0.609 χ^2/NDF : 168.4/1

Left: -3.650 ± 0.407 χ^2/NDF : 218.8/3

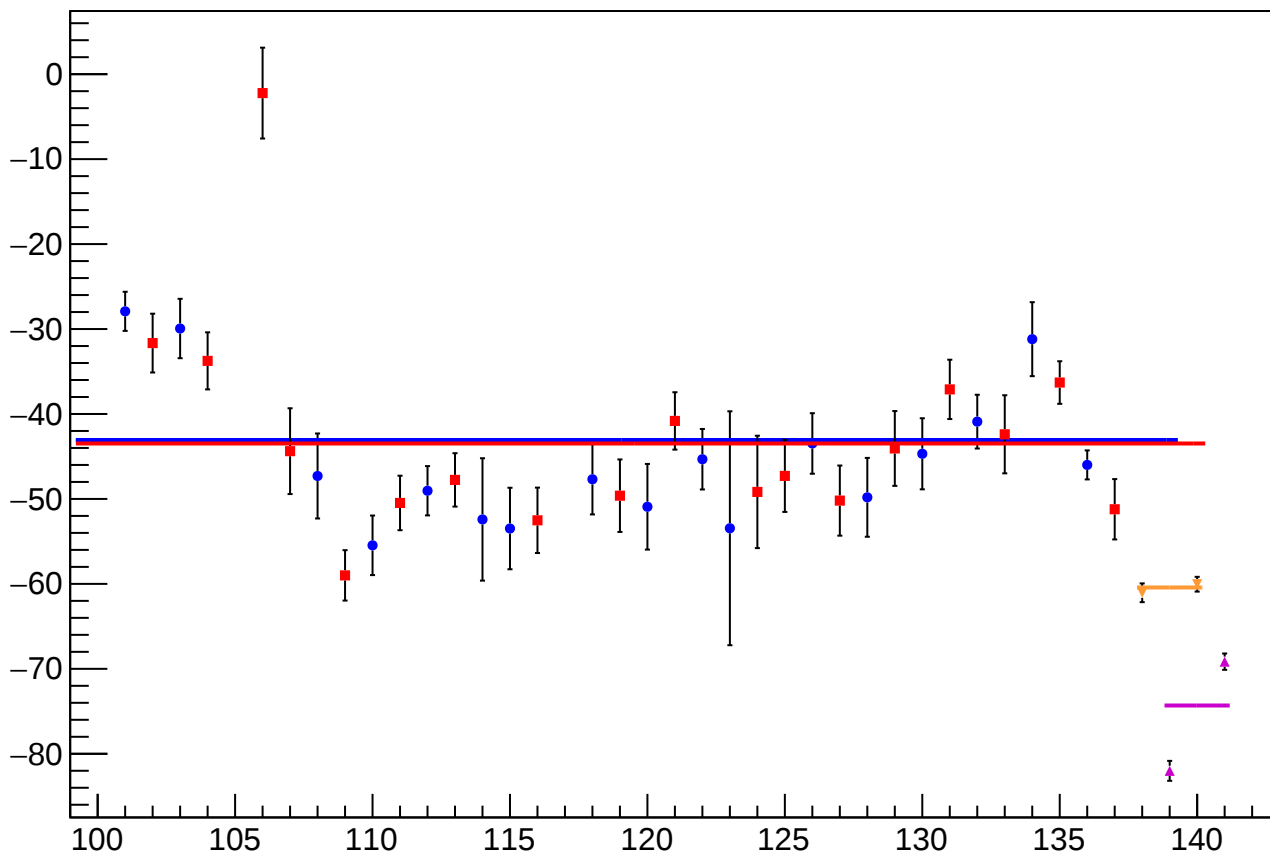
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -7.744 ± 0.368 χ^2/NDF : 583.8/18

Out: -6.204 ± 0.366 χ^2/NDF : 570.1/19

All: -6.968 ± 0.260 χ^2/NDF : 1162.7/38

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -60.425 ± 0.683 χ^2/NDF : 0.5/1

Right Out: -43.473 ± 0.869 χ^2/NDF : 142.3/17

Left In: -74.317 ± 0.744 χ^2/NDF : 71.8/1

Left: -66.782 ± 0.503 χ^2/NDF : 261.5/3

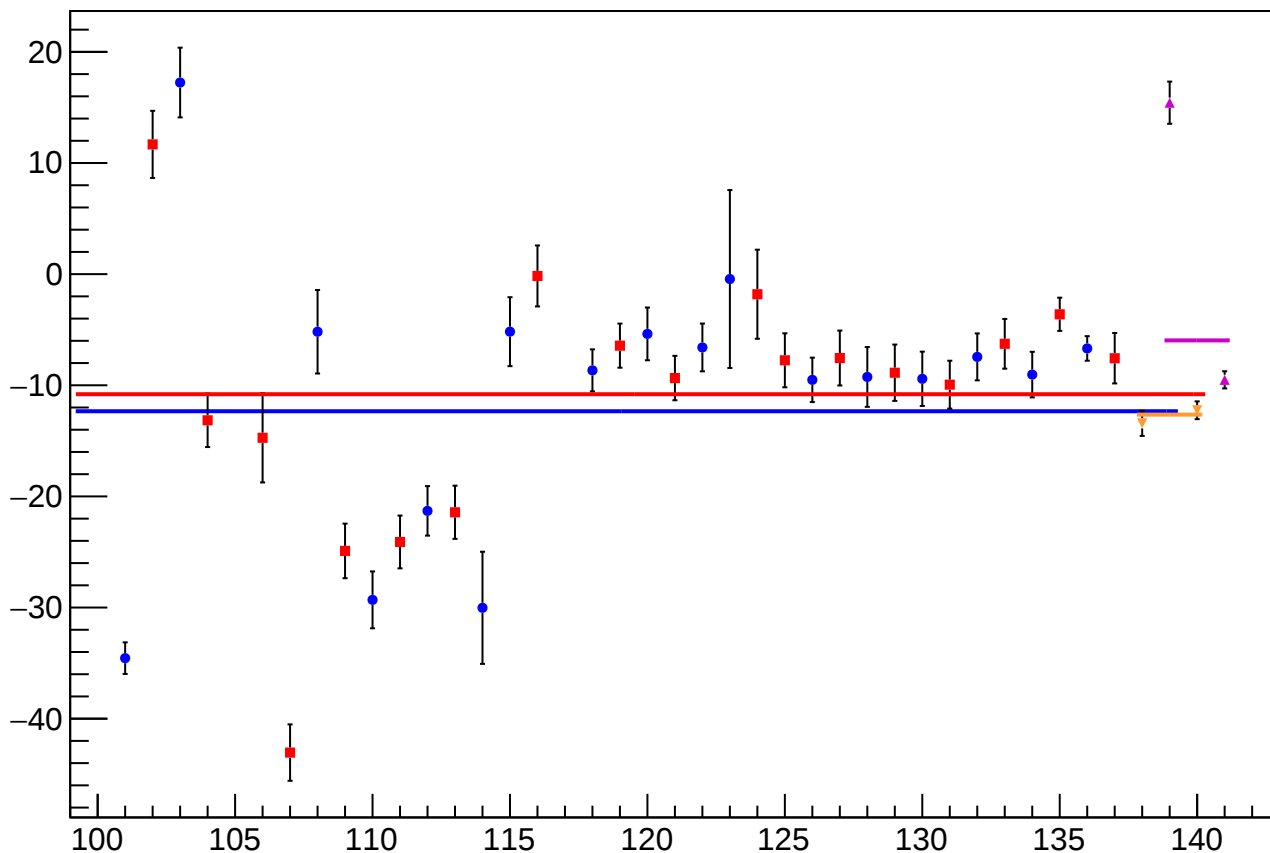
Right: -43.261 ± 0.602 χ^2/NDF : 241.5/34

In: -60.498 ± 0.555 χ^2/NDF : 951.7/18

Out: -53.948 ± 0.537 χ^2/NDF : 378.1/19

All: -57.113 ± 0.386 χ^2/NDF : 1401.7/38

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: -12.640 ± 0.654 χ^2/NDF : 0.7/1

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -5.961 ± 0.716 χ^2/NDF : 148.1/1

Left: -9.604 ± 0.483 χ^2/NDF : 196.2/3

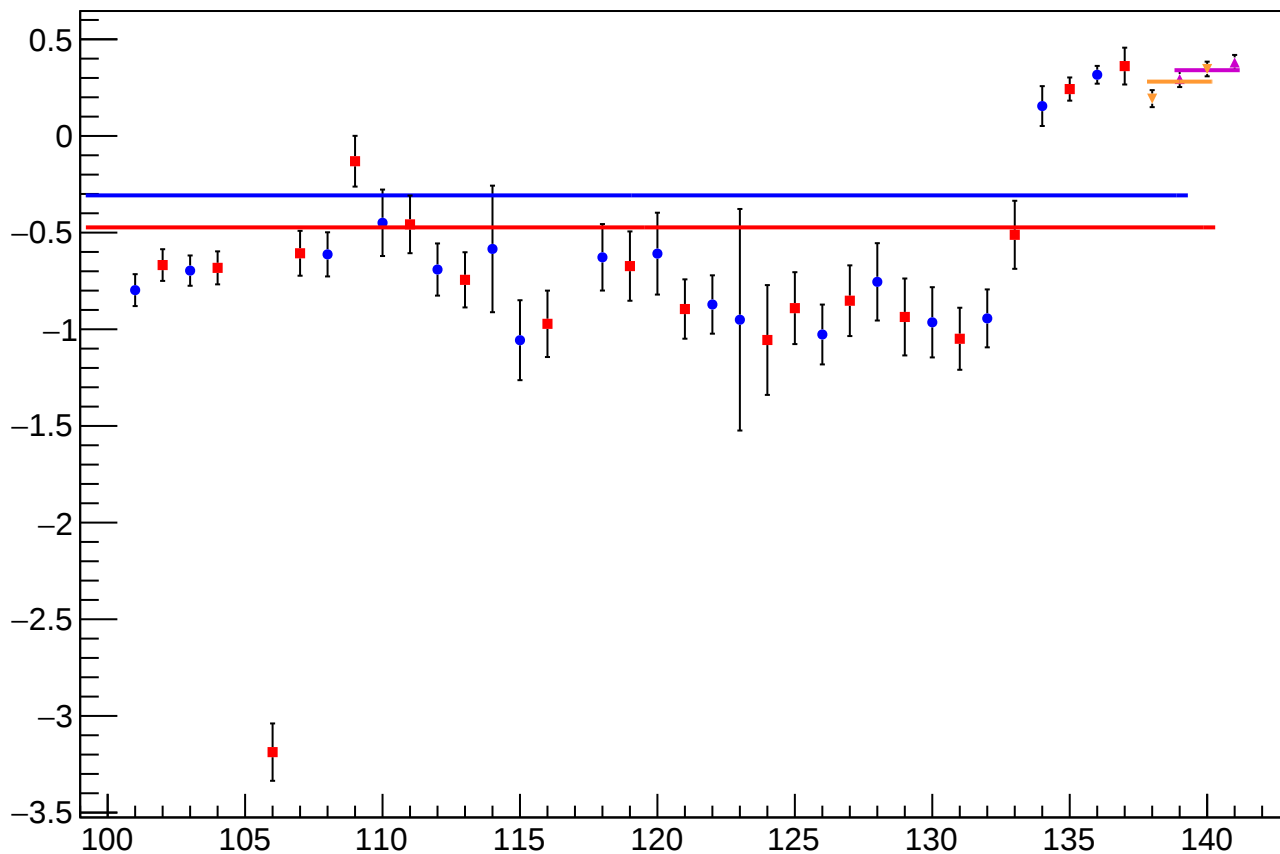
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -10.133 ± 0.421 χ^2/NDF : 675.1/18

Out: -11.571 ± 0.423 χ^2/NDF : 366.7/19

All: -10.849 ± 0.298 χ^2/NDF : 1047.6/38

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: 0.281 ± 0.029 χ^2/NDF : 7.0/1

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.340 ± 0.028 χ^2/NDF : 2.3/1

Left: 0.311 ± 0.020 χ^2/NDF : 11.4/3

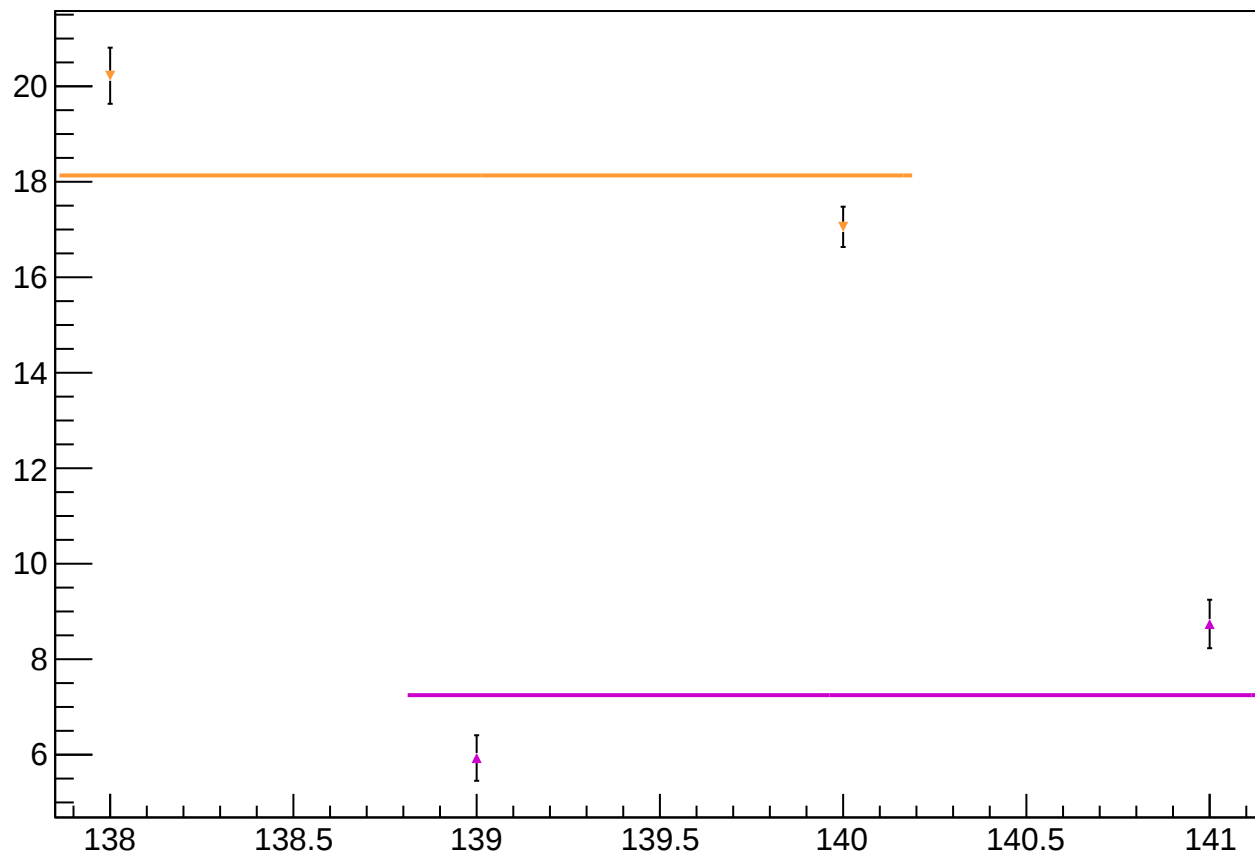
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.006 ± 0.020 χ^2/NDF : 642.6/18

Out: -0.097 ± 0.020 χ^2/NDF : 979.2/19

All: -0.044 ± 0.014 χ^2/NDF : 1635.2/38

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: 18.133+/-0.343 χ^2/NDF :19.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.247+/-0.348 χ^2/NDF :16.2/1

Left: 12.766+/-0.244 χ^2/NDF : 532.5/3

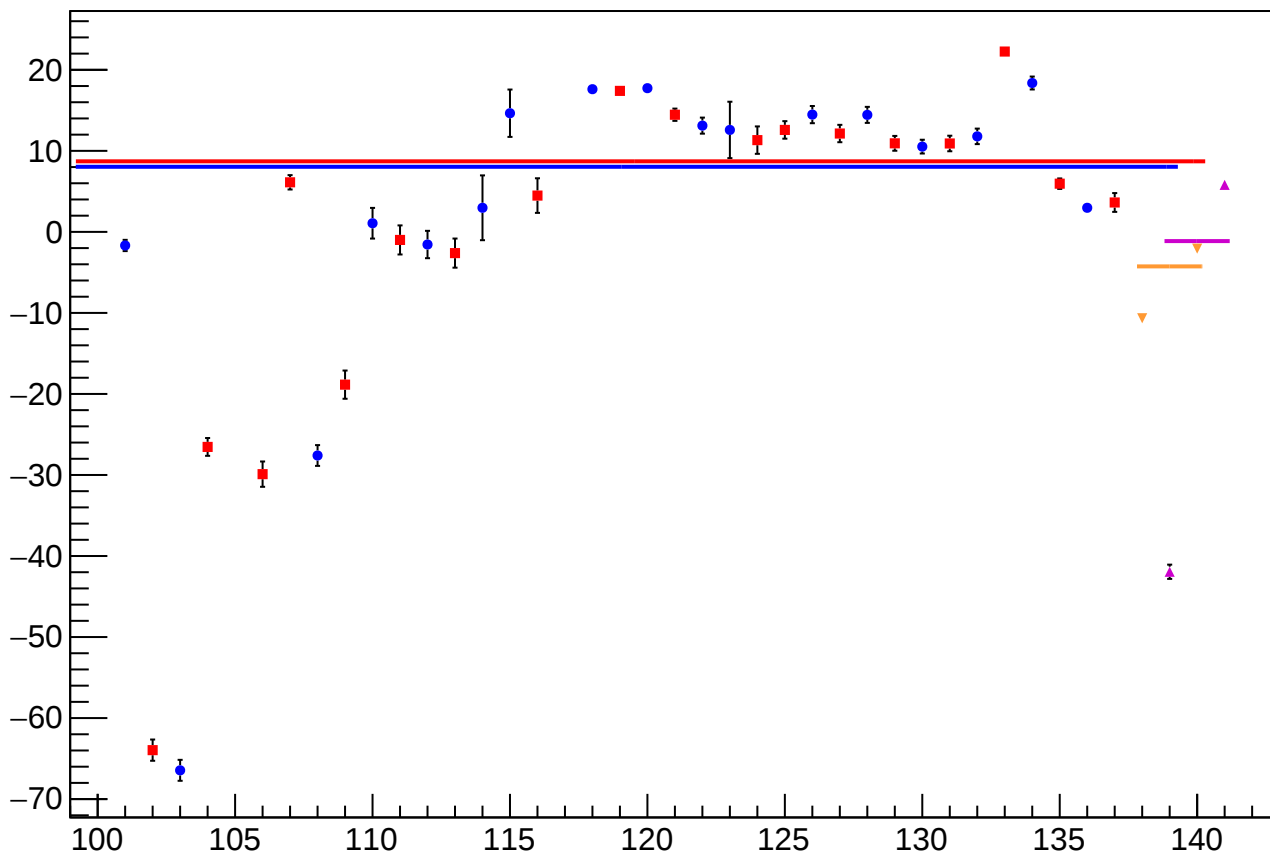
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.247+/-0.348 χ^2/NDF :16.2/1

Out: 18.133+/-0.343 χ^2/NDF :19.1/1

All: 12.766+/-0.244 χ^2/NDF : 532.5/3

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: -4.259 ± 0.302 $\chi^2/\text{NDF}: 154.3/1$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: -1.136 ± 0.335 $\chi^2/\text{NDF}: 2518.6/1$

Left: -2.863 ± 0.224 $\chi^2/\text{NDF}: 2720.8/3$

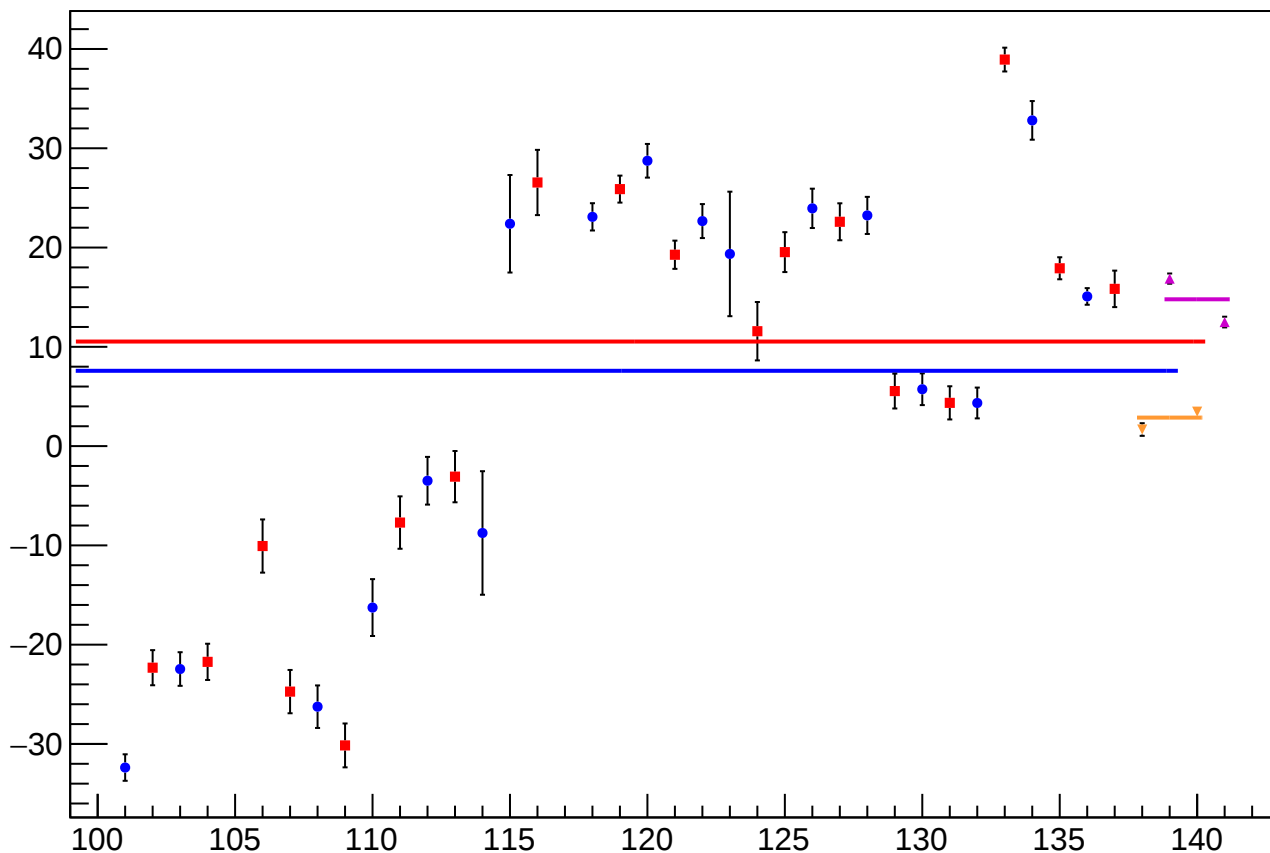
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 5.357 ± 0.181 $\chi^2/\text{NDF}: 8418.5/18$

Out: 4.387 ± 0.174 $\chi^2/\text{NDF}: 7677.5/19$

All: 4.853 ± 0.126 $\chi^2/\text{NDF}: 16110.9/38$

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: 2.871 ± 0.367 χ^2/NDF : 5.3/1

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 14.787 ± 0.372 χ^2/NDF : 34.4/1

Left: 8.748 ± 0.262 χ^2/NDF : 558.5/3

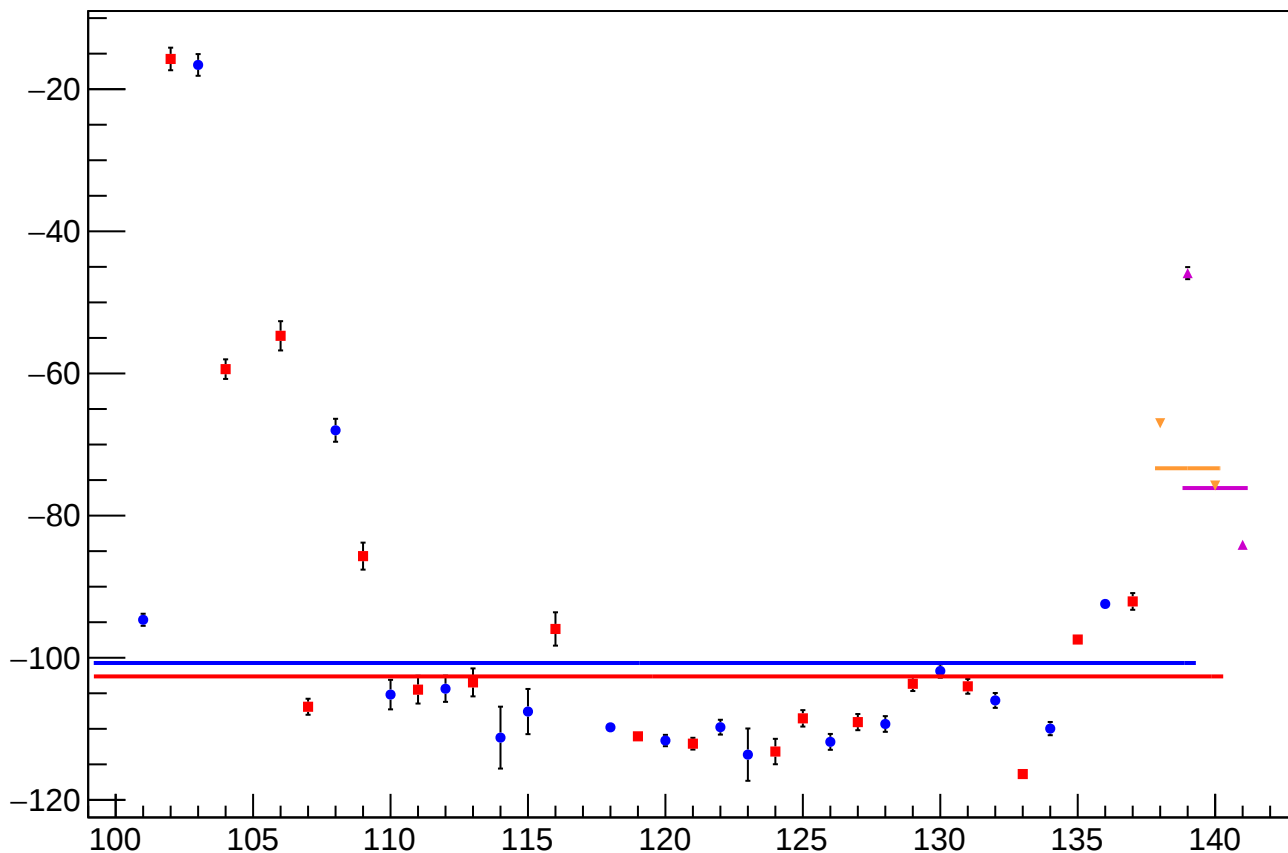
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 11.585 ± 0.278 χ^2/NDF : 2523.4/18

Out: 6.215 ± 0.276 χ^2/NDF : 2474.5/19

All: 8.883 ± 0.196 χ^2/NDF : 5186.2/38

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -73.339+/-0.358 χ^2/NDF :119.9/1

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -76.121+/-0.388 χ^2/NDF :1605.5/1

Left: -74.620+/-0.263 χ^2/NDF : 1753.1/3

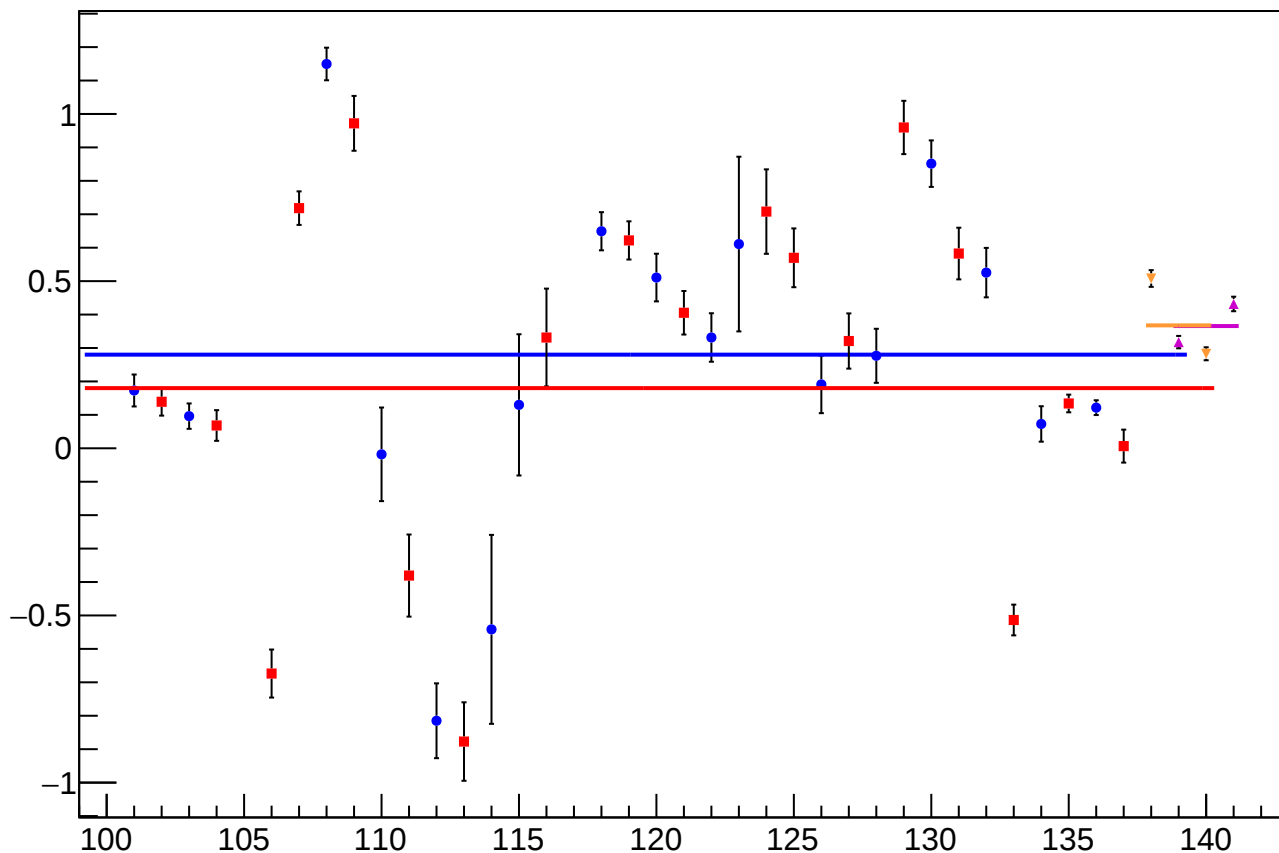
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -93.579+/-0.209 χ^2/NDF :8983.4/18

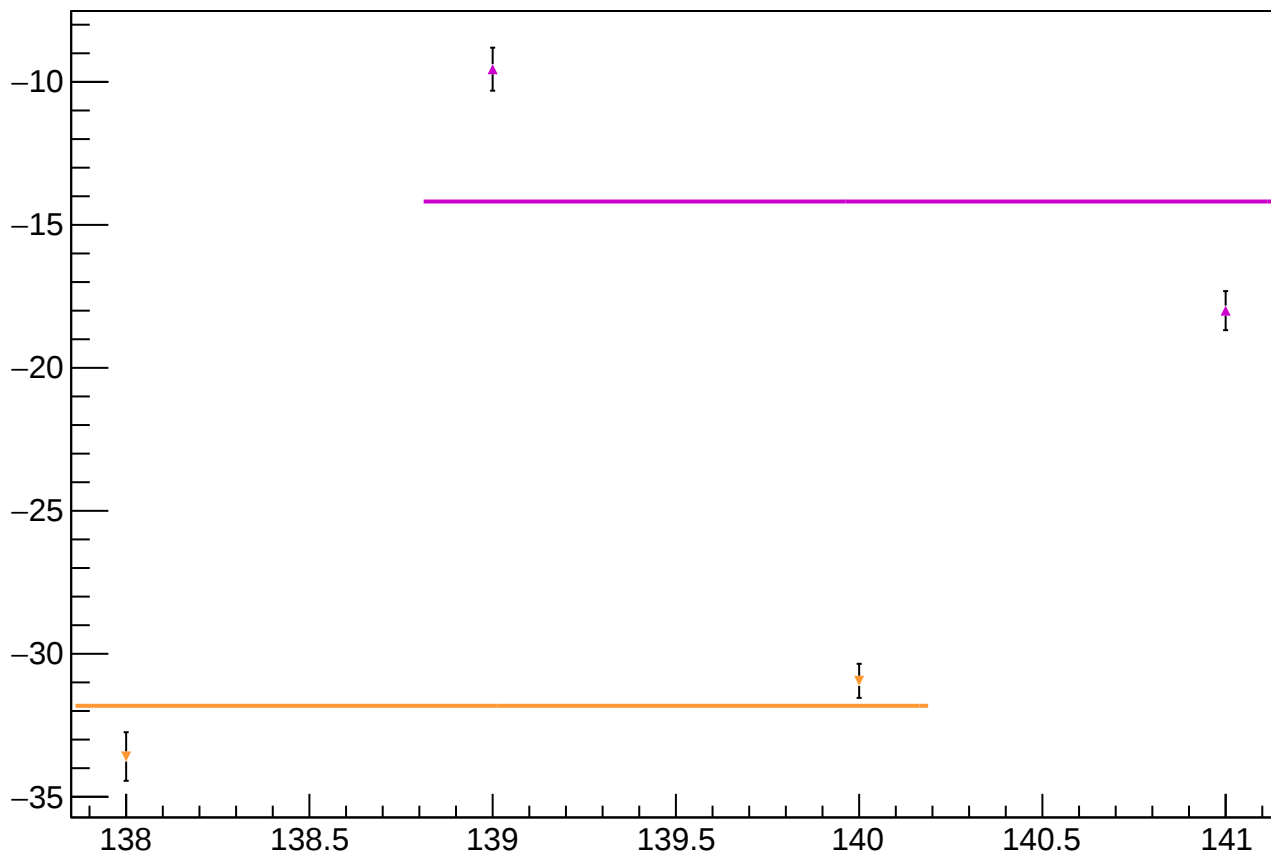
Out: -93.237+/-0.203 χ^2/NDF :10375.4/19

All: -93.403+/-0.146 χ^2/NDF : 19360.2/38

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -31.818+/-0.488 χ^2 /NDF:6.5/1

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -14.183+/-0.506 χ^2 /NDF:69.1/1

Left: -23.316+/-0.351 χ^2 /NDF: 705.5/3

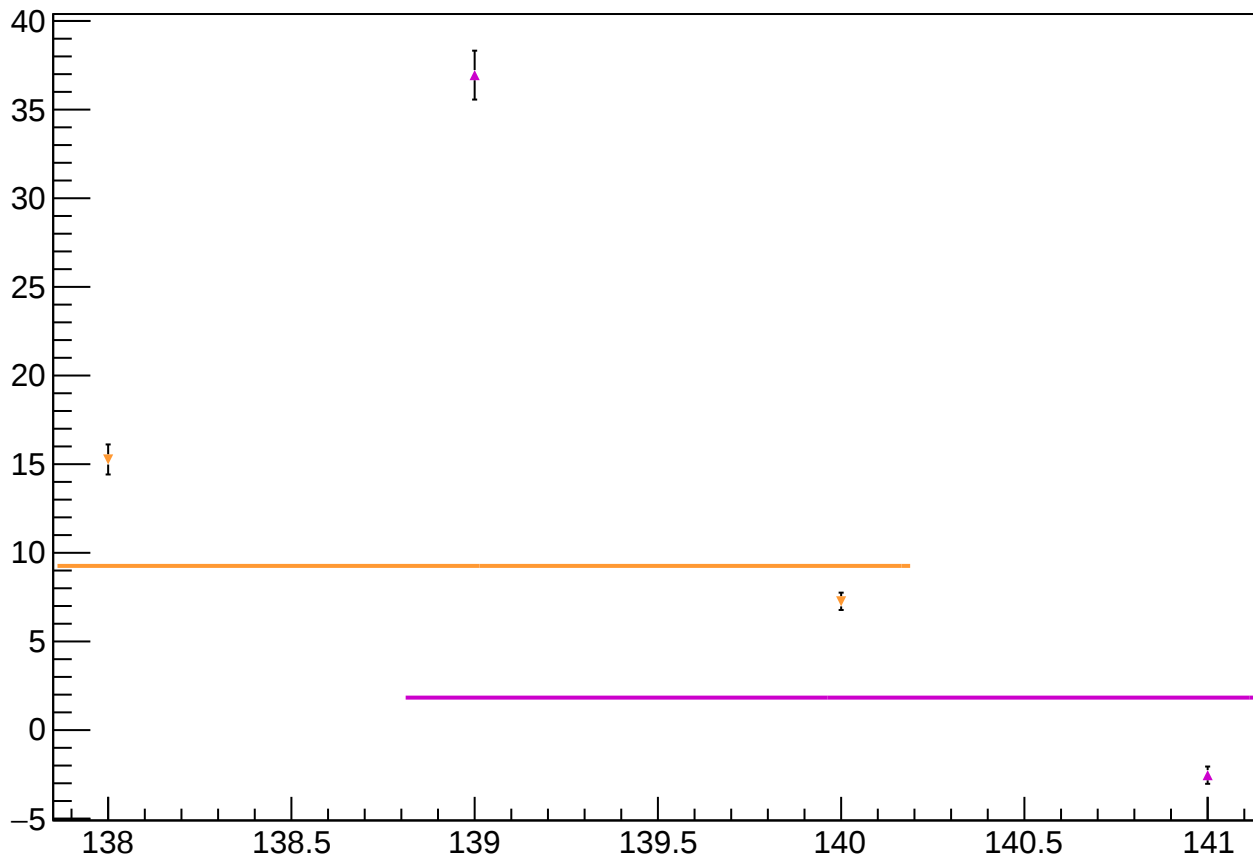
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -14.183+/-0.506 χ^2 /NDF:69.1/1

Out: -31.818+/-0.488 χ^2 /NDF:6.5/1

All: -23.316+/-0.351 χ^2 /NDF: 705.5/3

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: 9.262+/-0.423 χ^2/NDF :66.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.832+/-0.459 χ^2/NDF :729.1/1

Left: 5.847+/-0.311 χ^2/NDF : 937.6/3

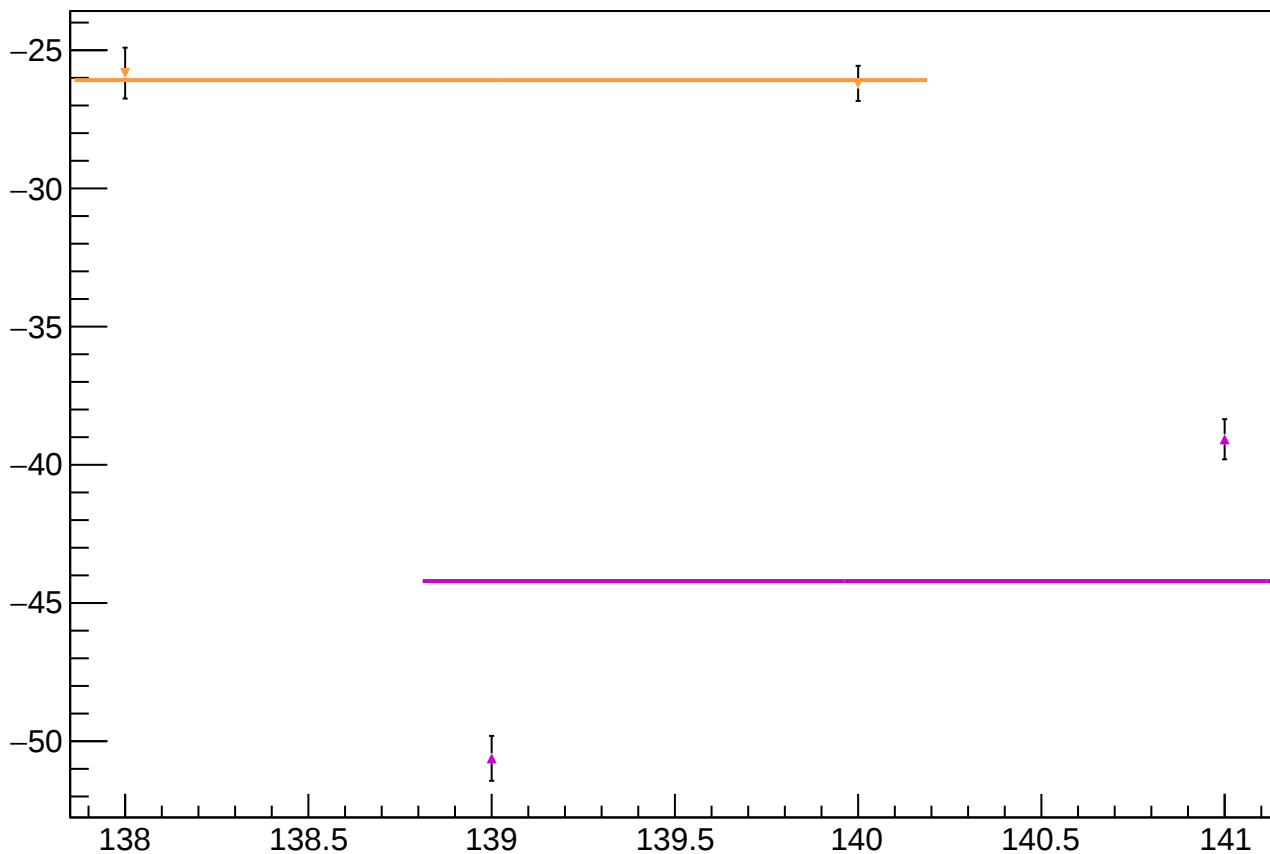
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.832+/-0.459 χ^2/NDF :729.1/1

Out: 9.262+/-0.423 χ^2/NDF :66.9/1

All: 5.847+/-0.311 χ^2/NDF : 937.6/3

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: -26.080+/-0.523 χ^2/NDF : 0.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.206+/-0.541 χ^2/NDF : 112.3/1

Left: -34.824+/-0.376 χ^2/NDF : 692.5/3

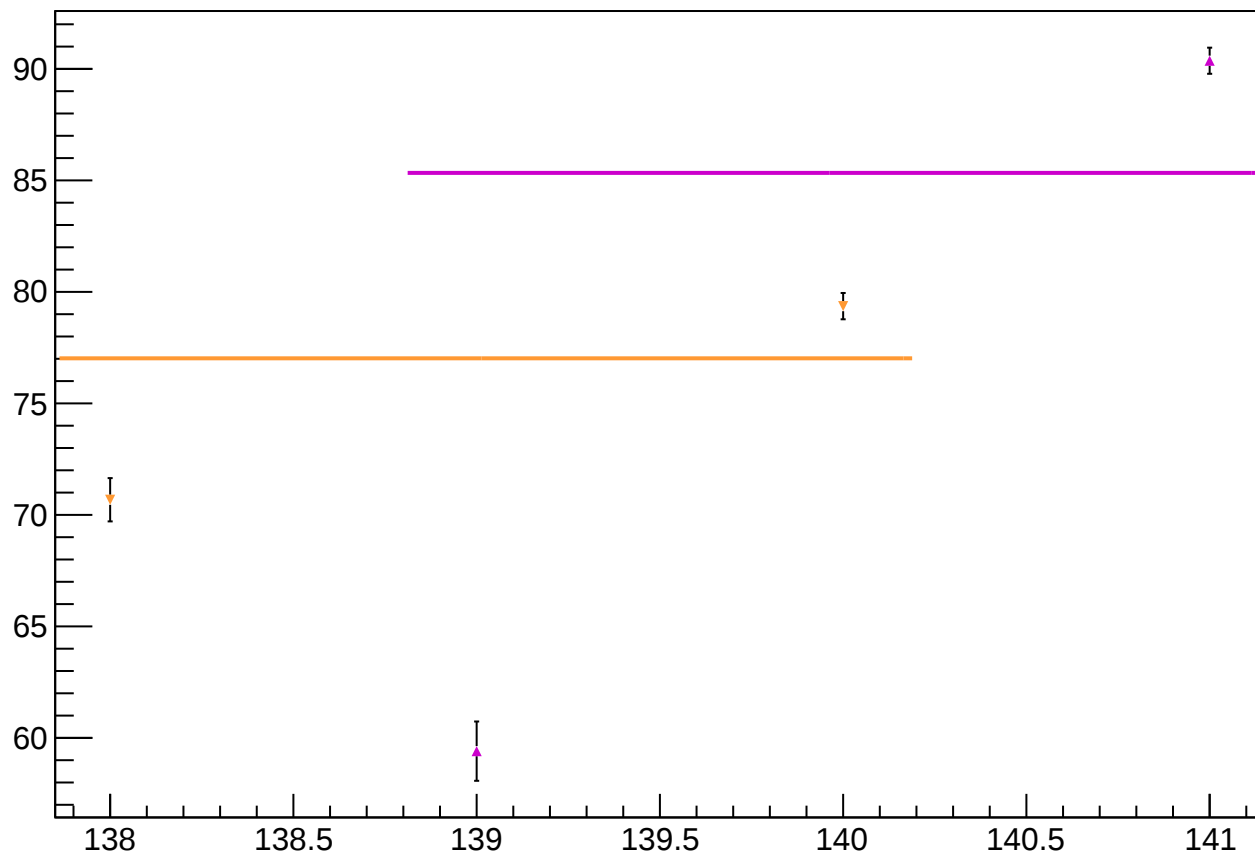
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.206+/-0.541 χ^2/NDF : 112.3/1

Out: -26.080+/-0.523 χ^2/NDF : 0.1/1

All: -34.824+/-0.376 χ^2/NDF : 692.5/3

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: 77.021+/-0.504 χ^2/NDF :58.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 85.336+/-0.536 χ^2/NDF :454.1/1

Left: 80.924+/-0.367 χ^2/NDF : 640.3/3

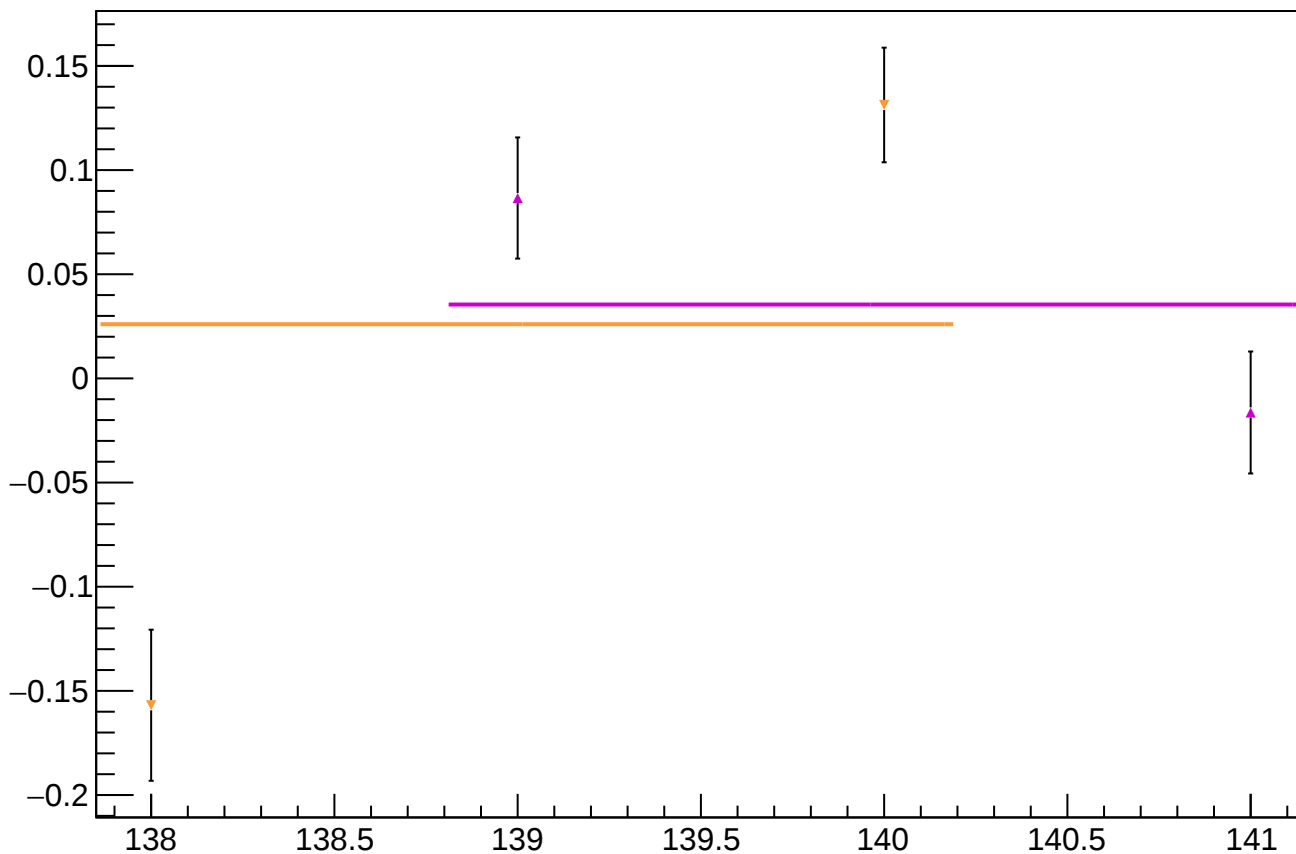
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.336+/-0.536 χ^2/NDF :454.1/1

Out: 77.021+/-0.504 χ^2/NDF :58.4/1

All: 80.924+/-0.367 χ^2/NDF : 640.3/3

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: 0.026+/-0.022 χ^2/NDF :40.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.035+/-0.021 χ^2/NDF :6.2/1

Left: 0.031+/-0.015 χ^2/NDF : 46.4/3

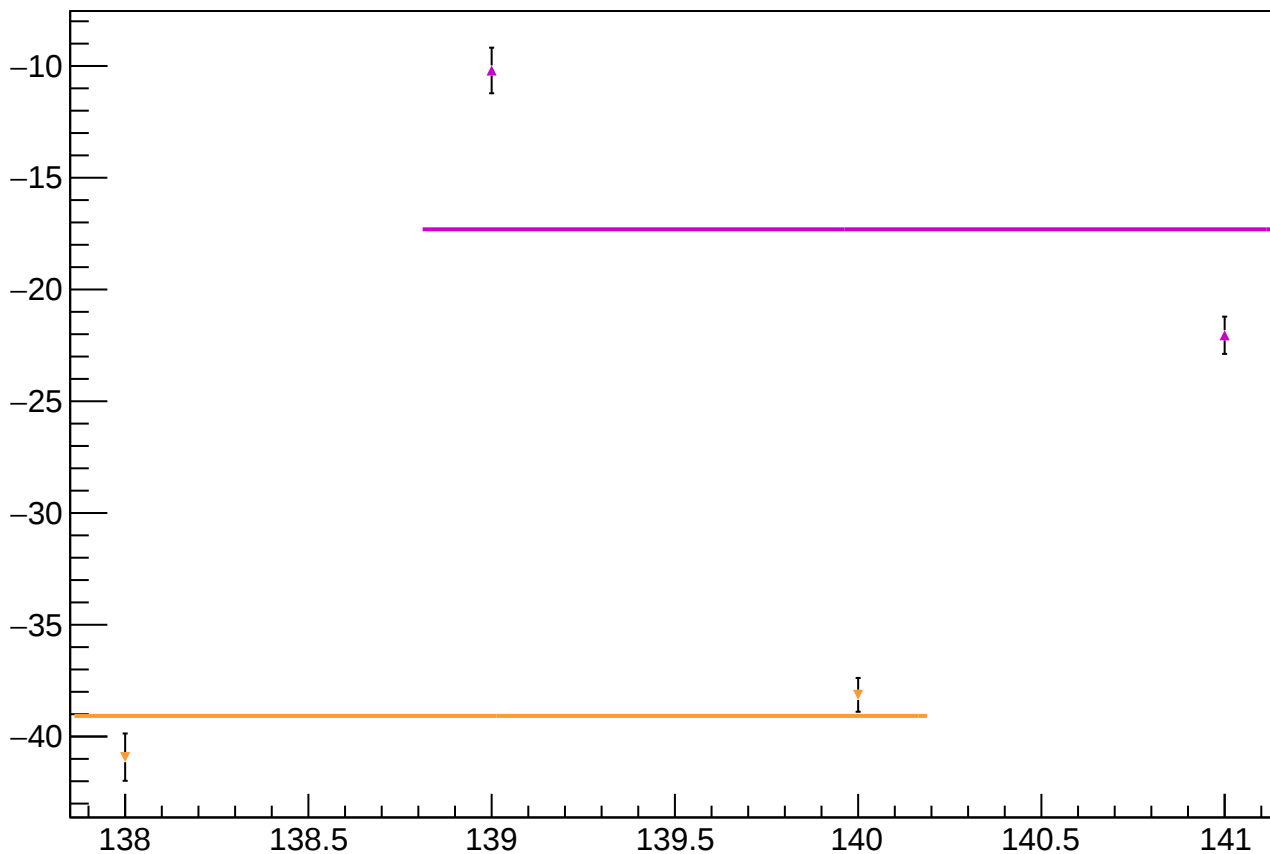
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.035+/-0.021 χ^2/NDF :6.2/1

Out: 0.026+/-0.022 χ^2/NDF :40.1/1

All: 0.031+/-0.015 χ^2/NDF : 46.4/3

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: -39.077+/-0.616 χ^2/NDF : 4.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.308+/-0.645 χ^2/NDF : 80.9/1

Left: -28.702+/-0.445 χ^2/NDF : 681.3/3

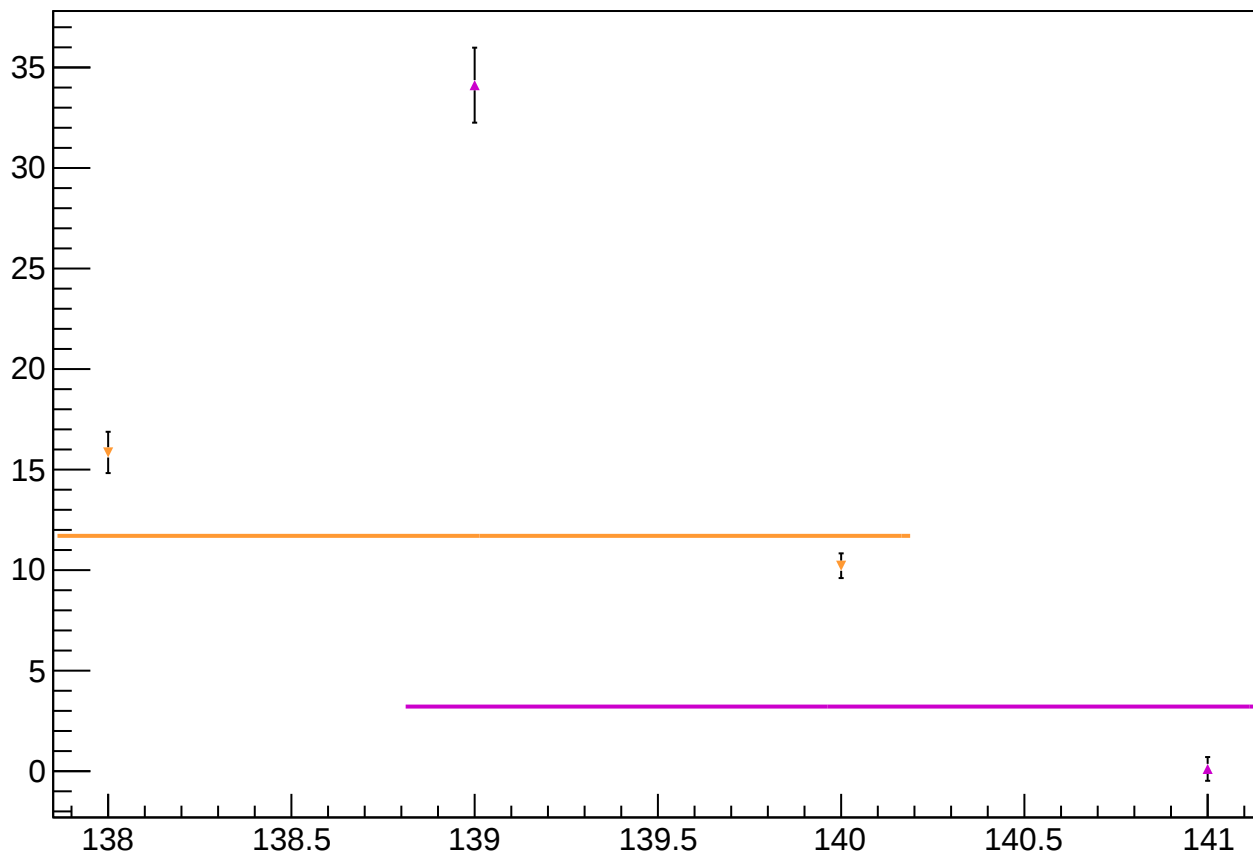
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.308+/-0.645 χ^2/NDF : 80.9/1

Out: -39.077+/-0.616 χ^2/NDF : 4.6/1

All: -28.702+/-0.445 χ^2/NDF : 681.3/3

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.705+/-0.527 χ^2/NDF :22.2/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.214+/-0.563 χ^2/NDF :302.2/1

Left: 7.738+/-0.385 χ^2/NDF : 445.5/3

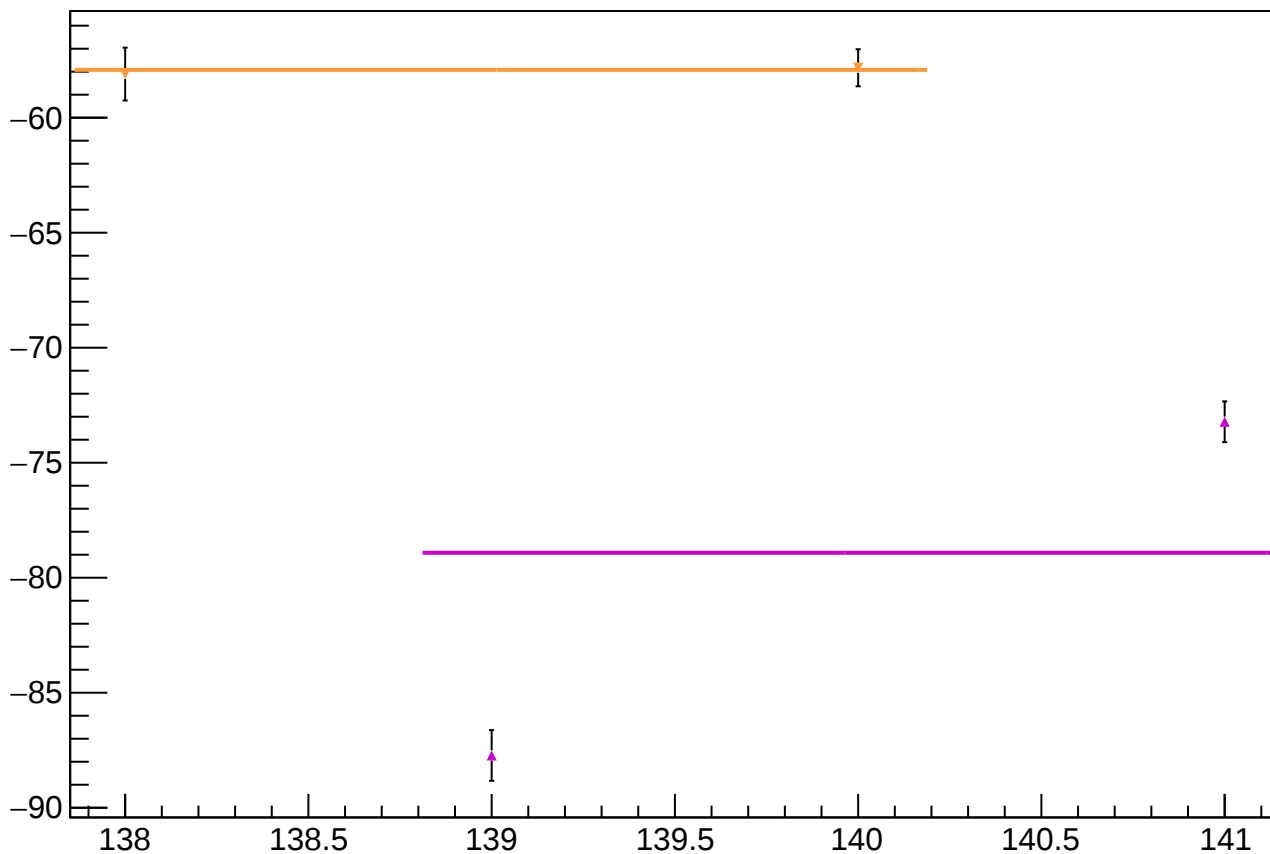
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.214+/-0.563 χ^2/NDF :302.2/1

Out: 11.705+/-0.527 χ^2/NDF :22.2/1

All: 7.738+/-0.385 χ^2/NDF : 445.5/3

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: -57.920+/-0.659 χ^2/NDF : 0.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.914+/-0.690 χ^2/NDF : 105.3/1

Left: -67.935+/-0.477 χ^2/NDF : 588.7/3

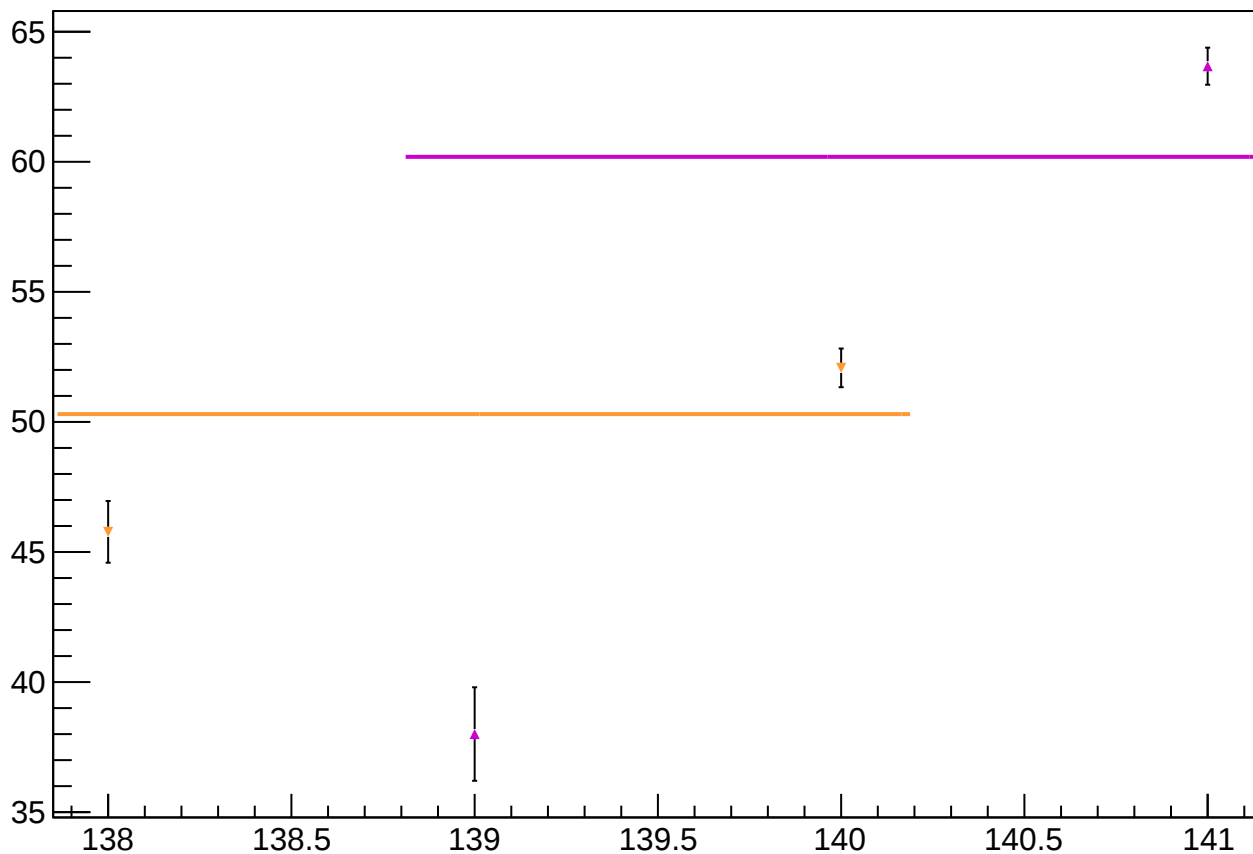
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.914+/-0.690 χ^2/NDF : 105.3/1

Out: -57.920+/-0.659 χ^2/NDF : 0.0/1

All: -67.935+/-0.477 χ^2/NDF : 588.7/3

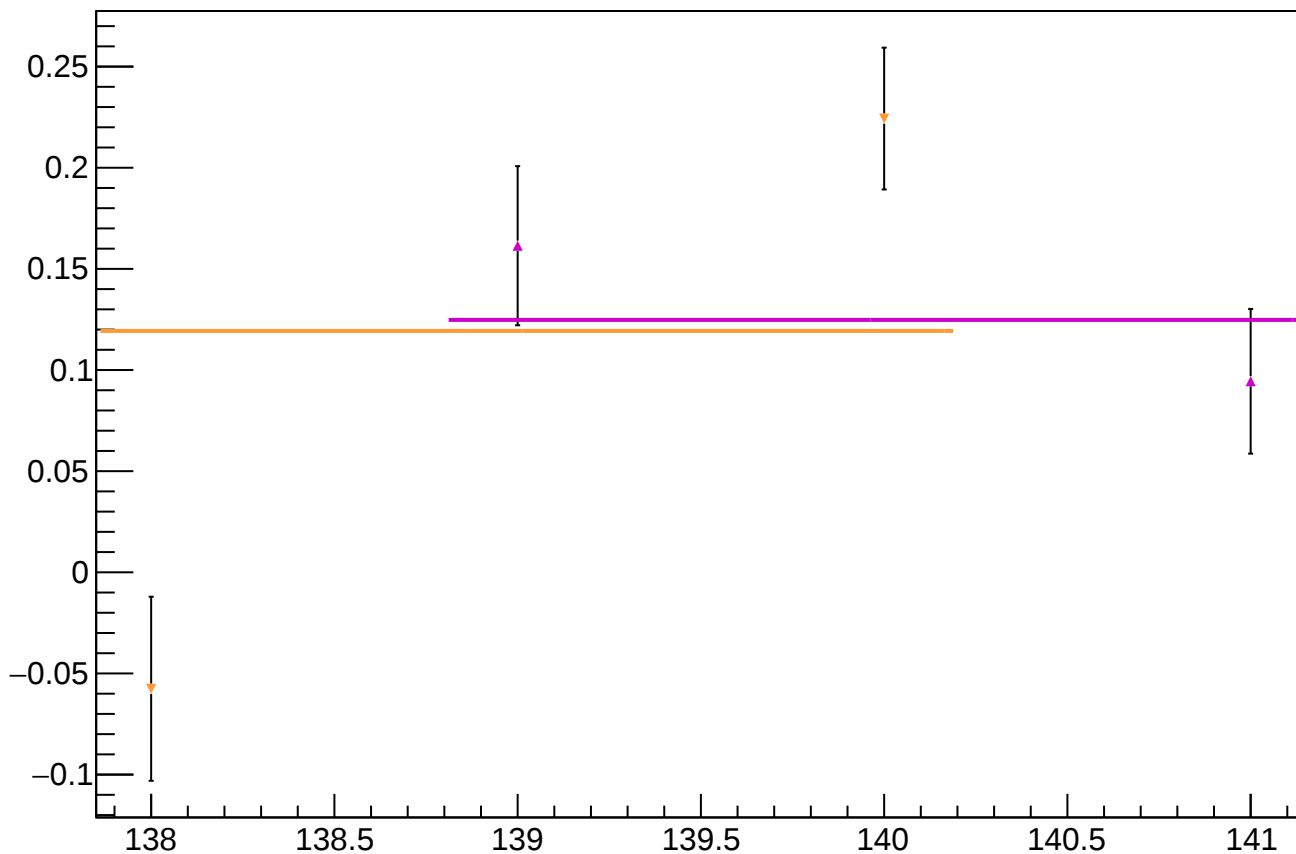
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 50.301 $\pm$ 0.630 χ^2 /NDF:20.3/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 60.191 $\pm$ 0.662 χ^2 /NDF:176.3/1

Left: 54.996 $\pm$ 0.456 χ^2 /NDF: 313.7/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 60.191 $\pm$ 0.662 χ^2 /NDF:176.3/1
 Out: 50.301 $\pm$ 0.630 χ^2 /NDF:20.3/1
 All: 54.996 $\pm$ 0.456 χ^2 /NDF: 313.7/3

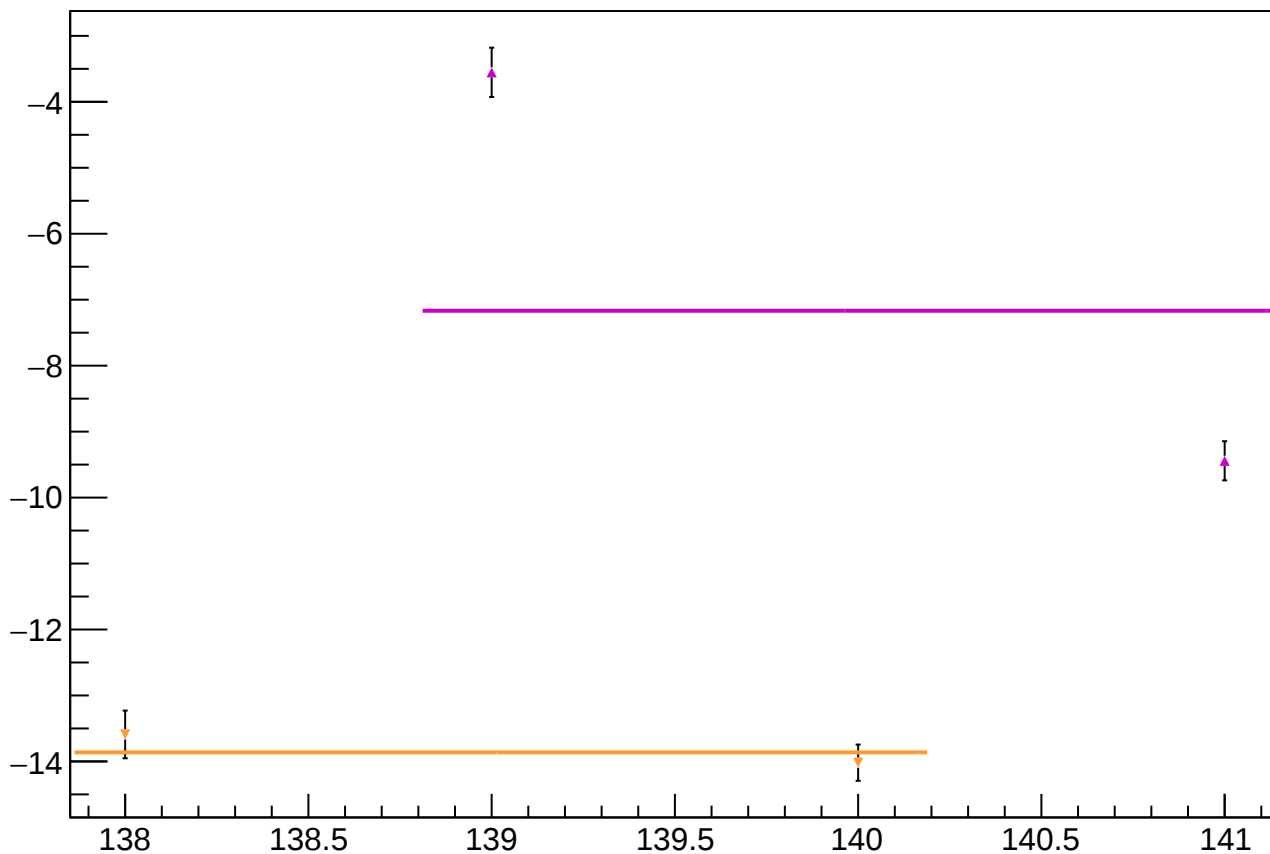
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.119 $\pm$ 0.028 χ^2 /NDF:24.1/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Left: 0.122 $\pm$ 0.019 χ^2 /NDF: 25.7/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1
 Out: 0.119 $\pm$ 0.028 χ^2 /NDF:24.1/1
 All: 0.122 $\pm$ 0.019 χ^2 /NDF: 25.7/3

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: -13.862+/-0.219 χ^2/NDF : 0.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.167+/-0.233 χ^2/NDF : 152.0/1

Left: -10.721+/-0.159 χ^2/NDF : 592.8/3

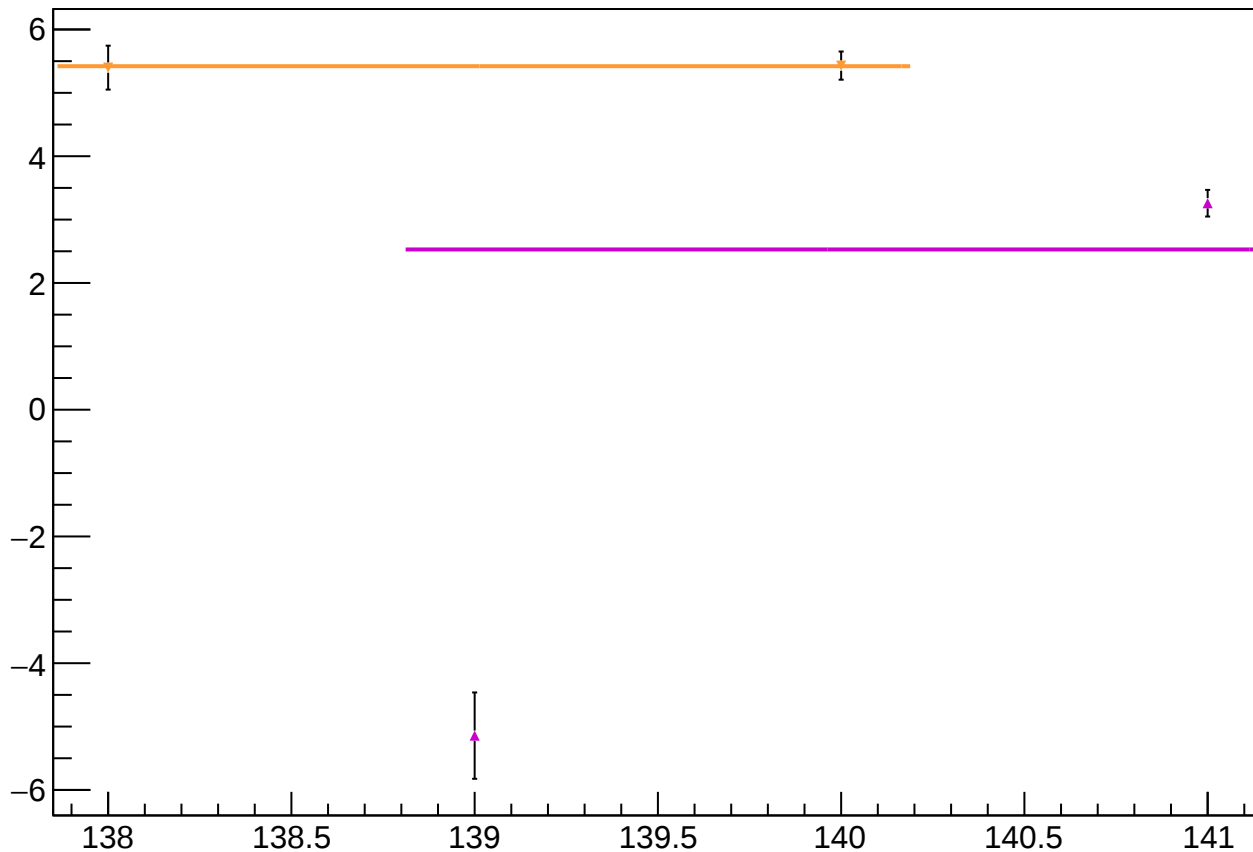
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.167+/-0.233 χ^2/NDF : 152.0/1

Out: -13.862+/-0.219 χ^2/NDF : 0.9/1

All: -10.721+/-0.159 χ^2/NDF : 592.8/3

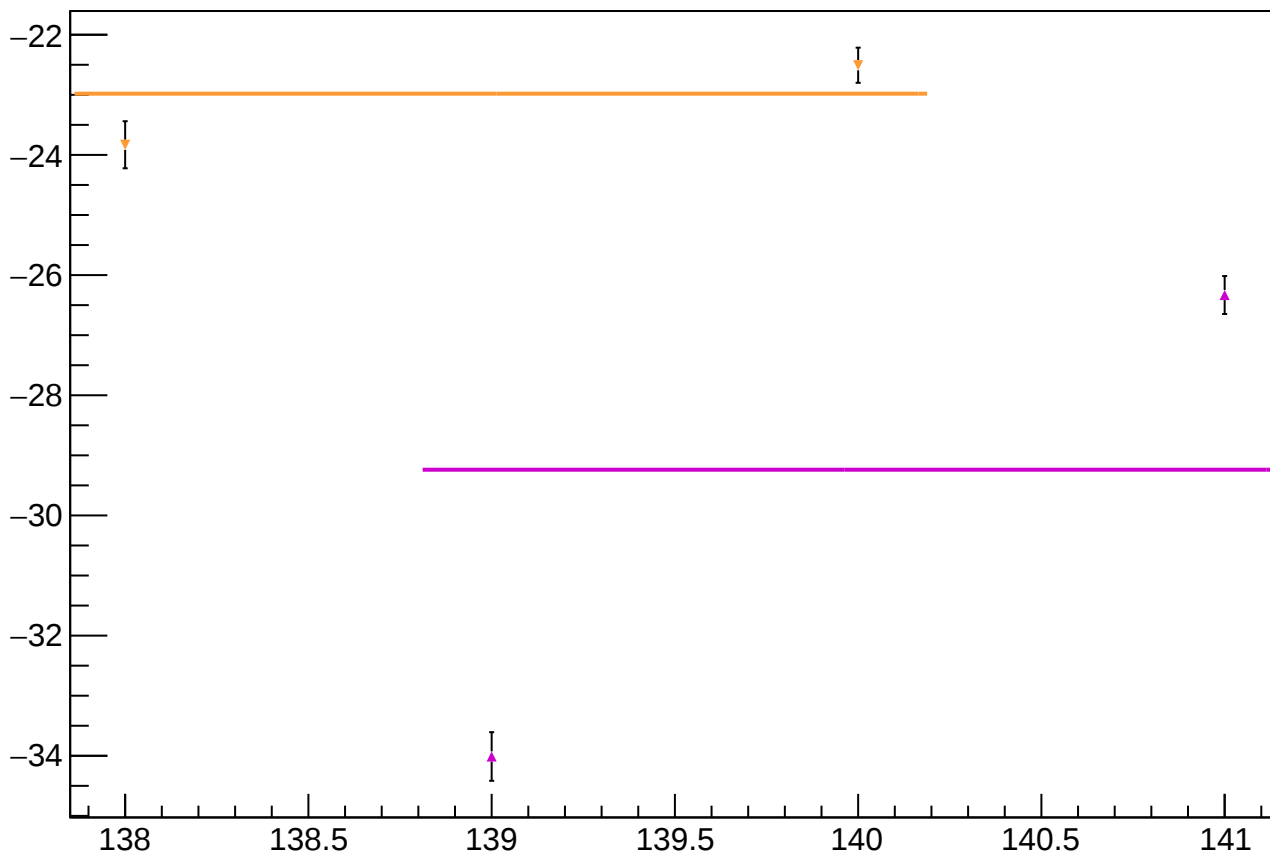
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 5.420 $\pm$ 0.187 χ^2/NDF : 0.0/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.529 $\pm$ 0.201 χ^2/NDF : 138.9/1

Left: 4.076 $\pm$ 0.137 χ^2/NDF : 249.9/3
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.529 $\pm$ 0.201 χ^2/NDF : 138.9/1
 Out: 5.420 $\pm$ 0.187 χ^2/NDF : 0.0/1
 All: 4.076 $\pm$ 0.137 χ^2/NDF : 249.9/3

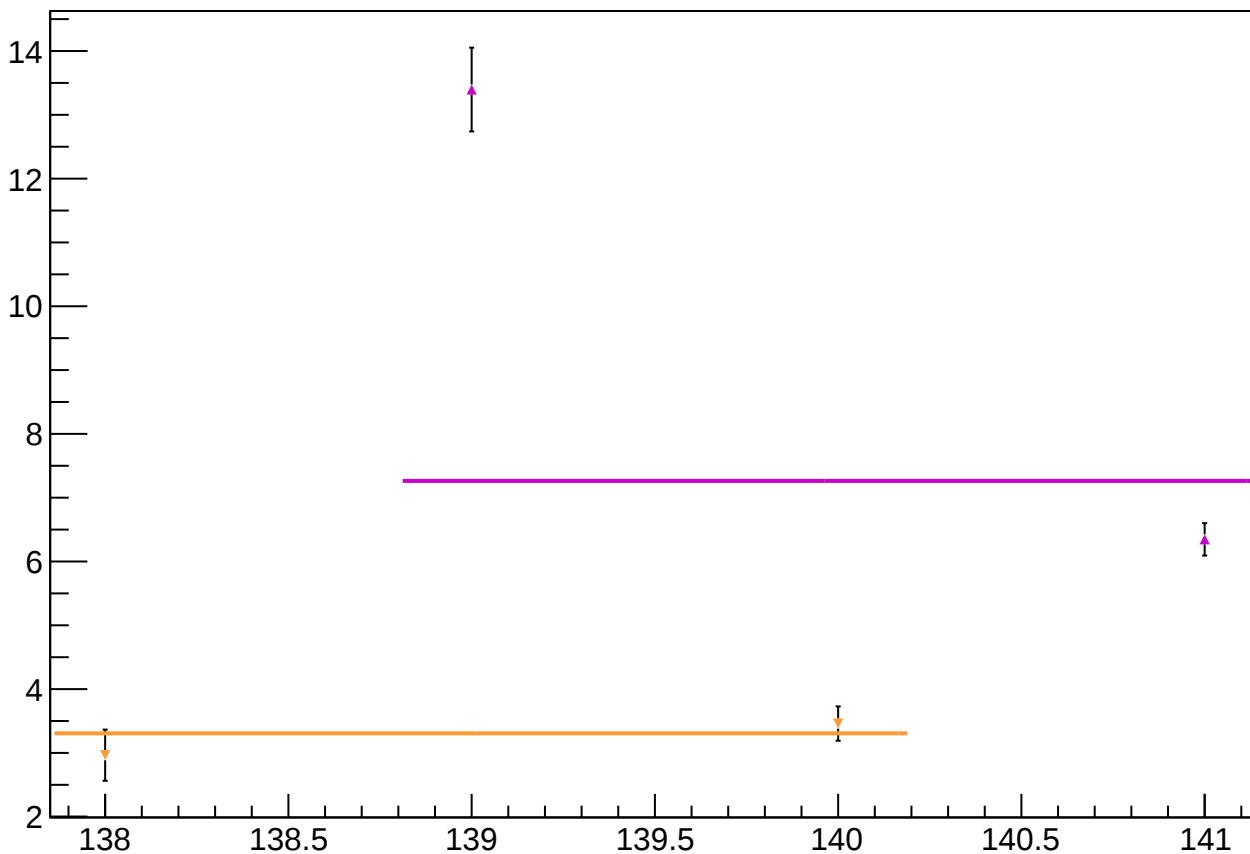
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.981+/-0.234 χ^2 /NDF:7.3/1
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -29.239+/-0.249 χ^2 /NDF:223.9/1

Left: -25.921+/-0.171 χ^2 /NDF: 566.4/3
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -29.239+/-0.249 χ^2 /NDF:223.9/1
 Out: -22.981+/-0.234 χ^2 /NDF:7.3/1
 All: -25.921+/-0.171 χ^2 /NDF: 566.4/3

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: 3.306+/-0.223 χ^2/NDF : 1.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.263+/-0.237 χ^2/NDF : 100.3/1

Left: 5.172+/-0.162 χ^2/NDF : 249.2/3

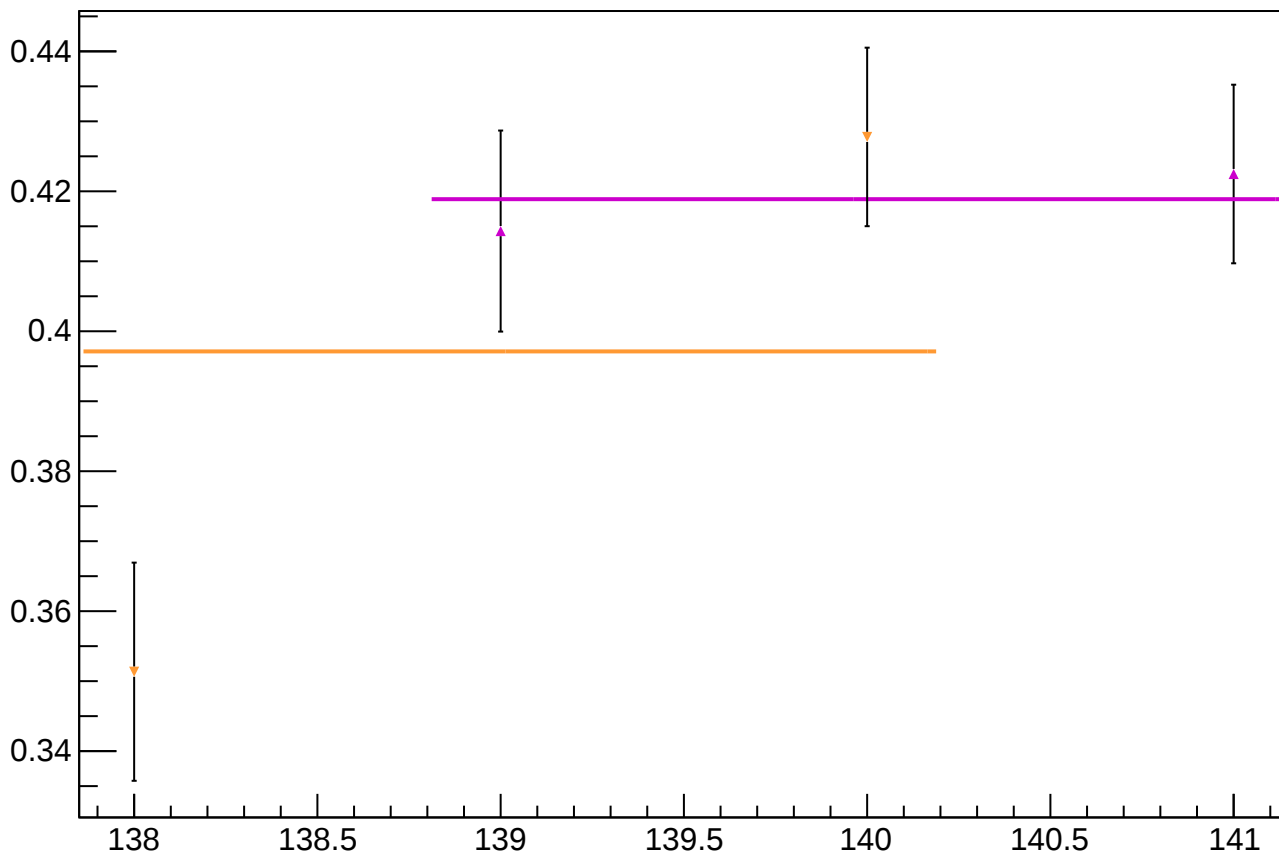
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.263+/-0.237 χ^2/NDF : 100.3/1

Out: 3.306+/-0.223 χ^2/NDF : 1.1/1

All: 5.172+/-0.162 χ^2/NDF : 249.2/3

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.397+/-0.010 χ^2/NDF :14.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.419+/-0.010 χ^2/NDF :0.2/1

Left: 0.408+/-0.007 χ^2/NDF : 17.1/3

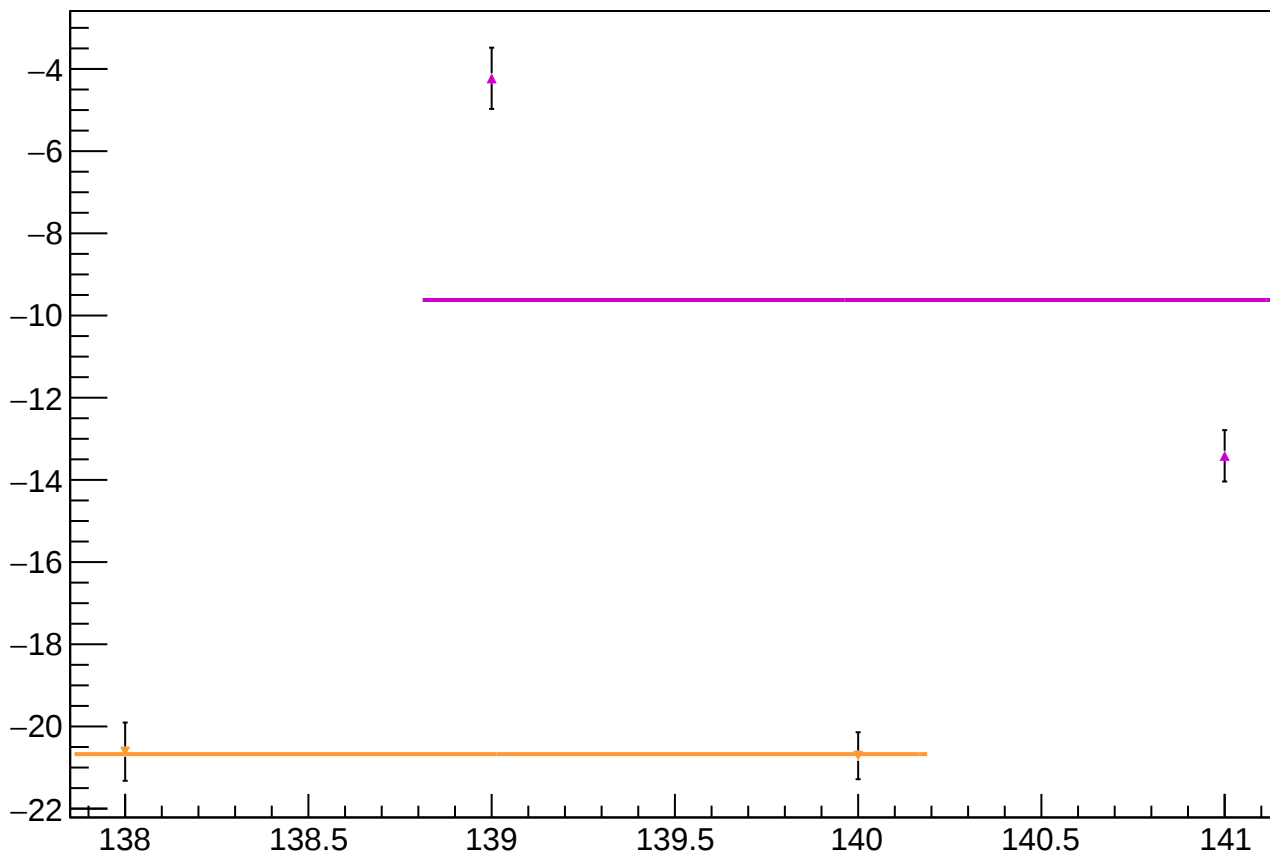
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.419+/-0.010 χ^2/NDF :0.2/1

Out: 0.397+/-0.010 χ^2/NDF :14.4/1

All: 0.408+/-0.007 χ^2/NDF : 17.1/3

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -20.673 ± 0.445 χ^2/NDF : 0.0/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -9.622 ± 0.479 χ^2/NDF : 89.2/1

Left: -15.556 ± 0.326 χ^2/NDF : 375.0/3

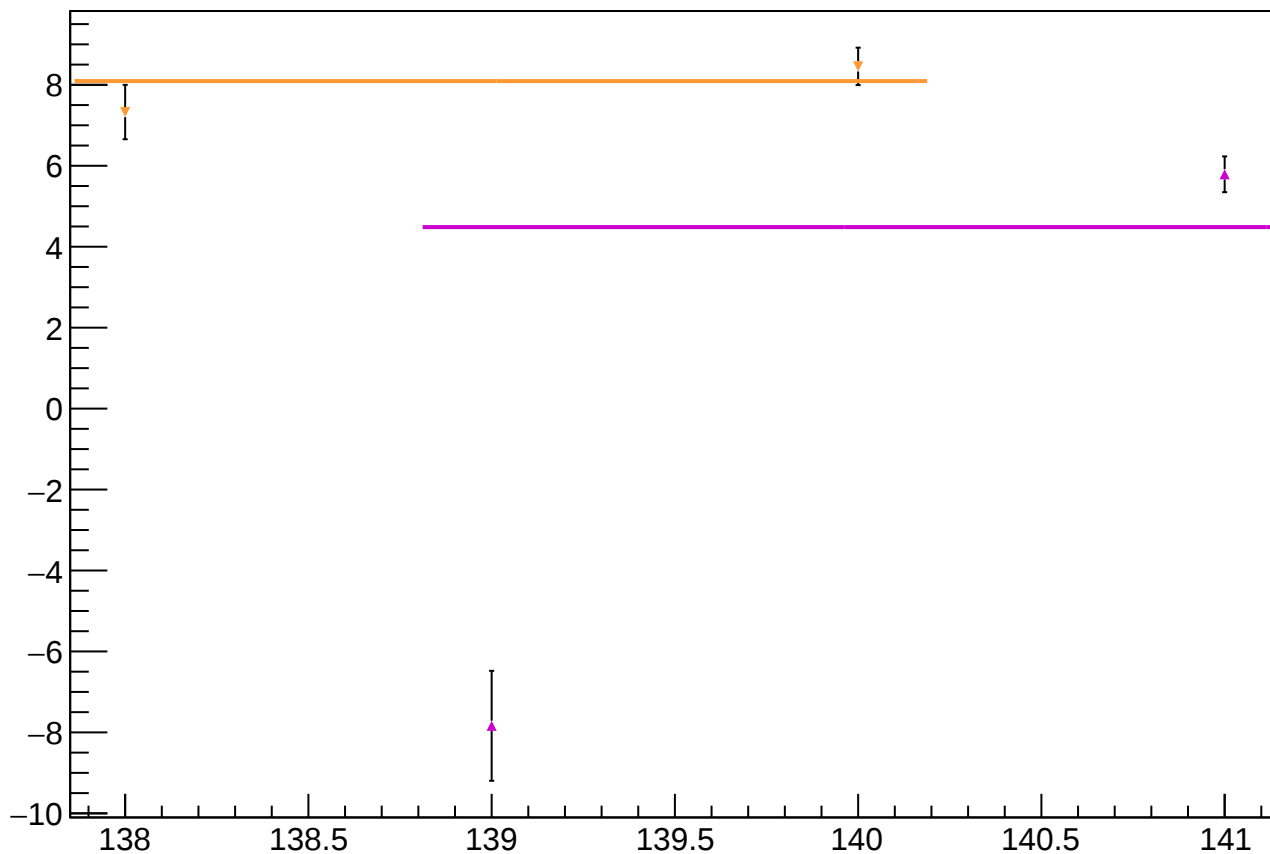
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -9.622 ± 0.479 χ^2/NDF : 89.2/1

Out: -20.673 ± 0.445 χ^2/NDF : 0.0/1

All: -15.556 ± 0.326 χ^2/NDF : 375.0/3

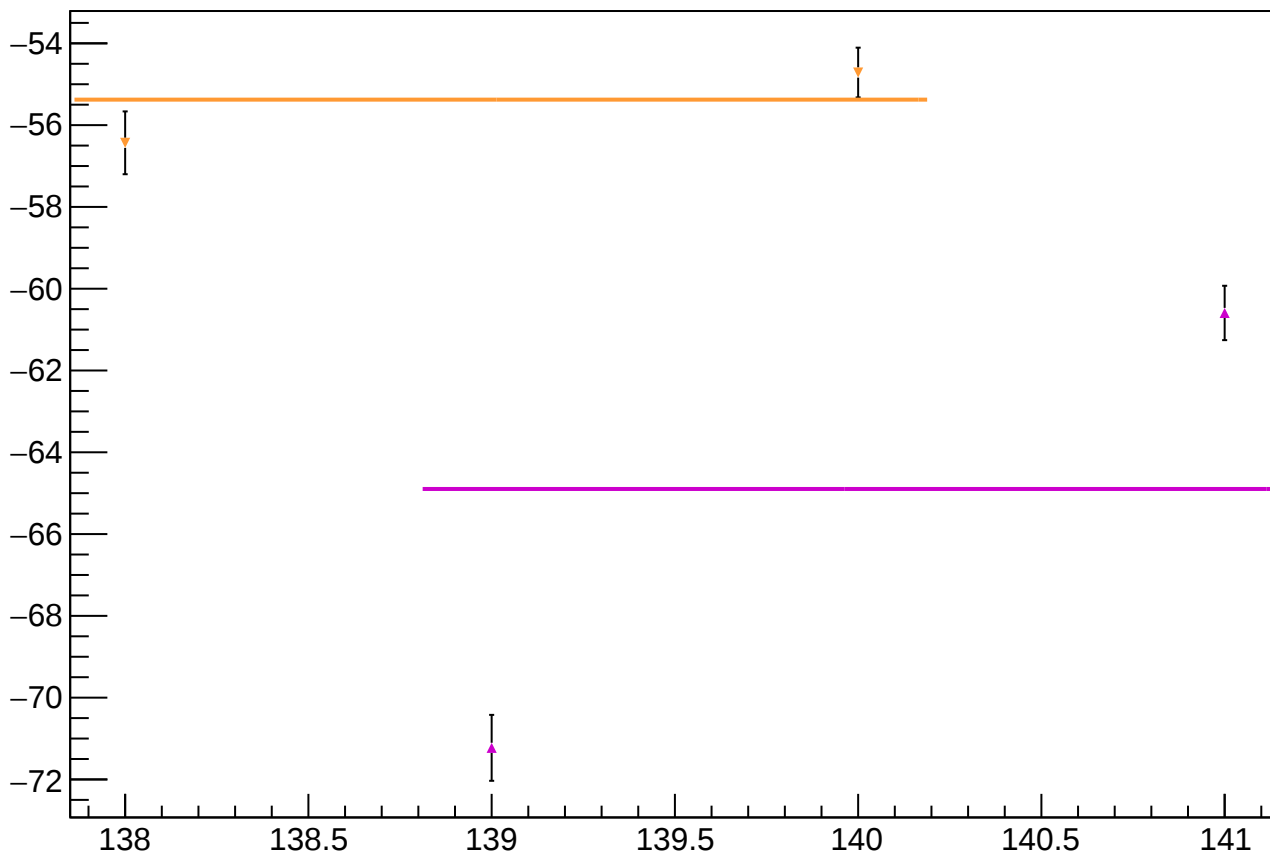
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.093 $\pm$ 0.381 χ^2 /NDF:1.9/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.485 $\pm$ 0.420 χ^2 /NDF:91.0/1

Left: 6.466 $\pm$ 0.282 χ^2 /NDF: 133.4/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.485 $\pm$ 0.420 χ^2 /NDF:91.0/1
 Out: 8.093 $\pm$ 0.381 χ^2 /NDF:1.9/1
 All: 6.466 $\pm$ 0.282 χ^2 /NDF: 133.4/3

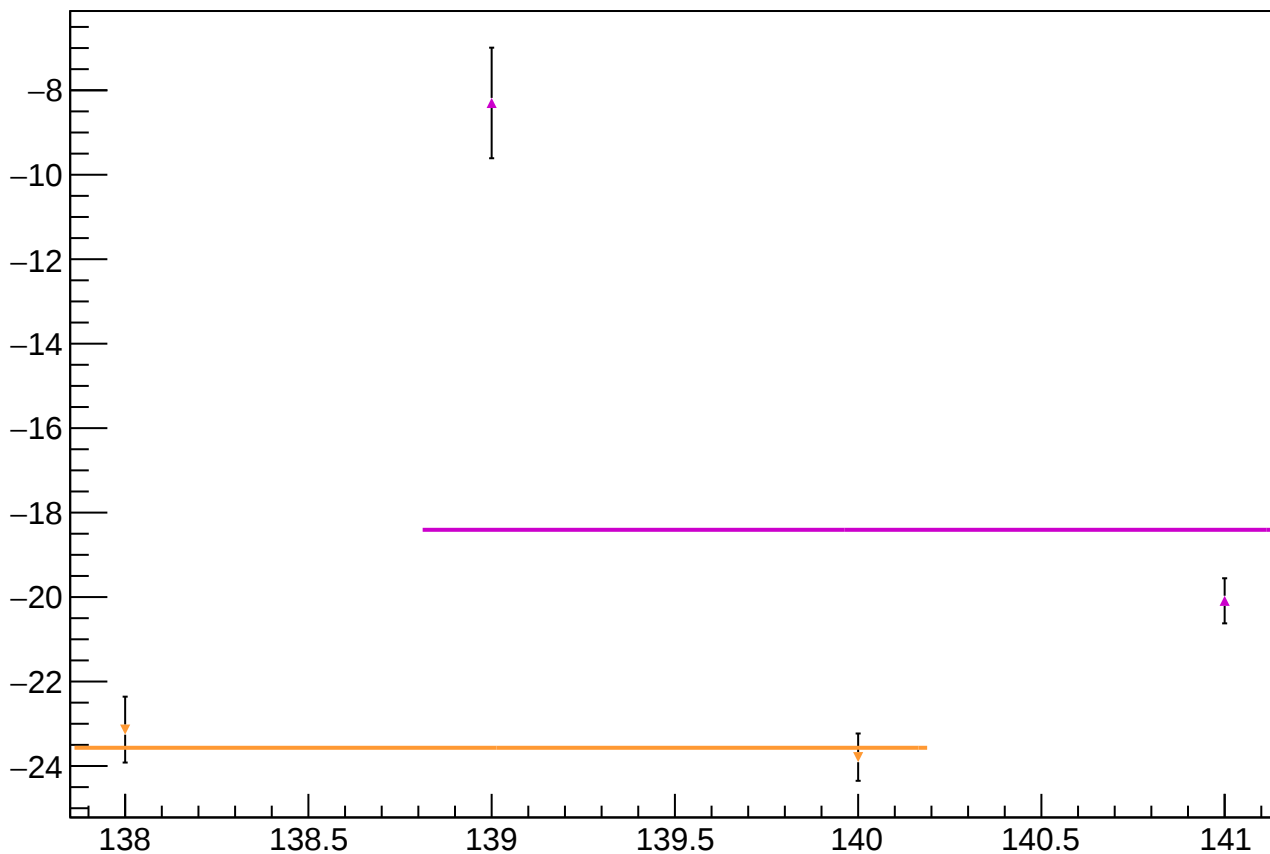
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.377+/-0.477 χ^2/NDF : 3.1/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -64.897+/-0.513 χ^2/NDF : 103.6/1

Left: -59.792+/-0.349 χ^2/NDF : 291.6/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -64.897+/-0.513 χ^2/NDF : 103.6/1
 Out: -55.377+/-0.477 χ^2/NDF : 3.1/1
 All: -59.792+/-0.349 χ^2/NDF : 291.6/3

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: -23.569+/-0.455 χ^2/NDF : 0.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.407+/-0.494 χ^2/NDF : 69.5/1

Left: -21.202+/-0.335 χ^2/NDF : 129.0/3

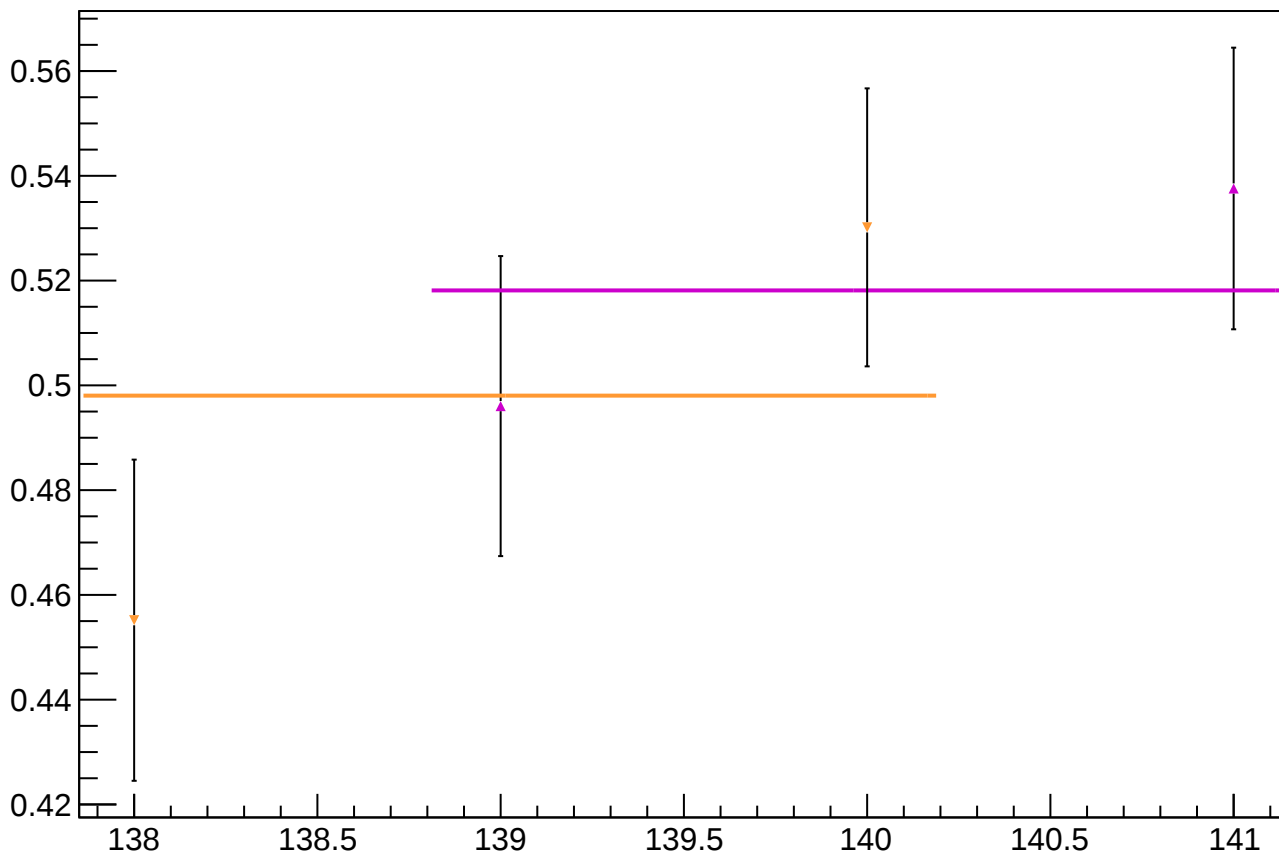
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.407+/-0.494 χ^2/NDF : 69.5/1

Out: -23.569+/-0.455 χ^2/NDF : 0.5/1

All: -21.202+/-0.335 χ^2/NDF : 129.0/3

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.498+/-0.020 χ^2/NDF : 3.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Left: 0.508+/-0.014 χ^2/NDF : 5.1/3

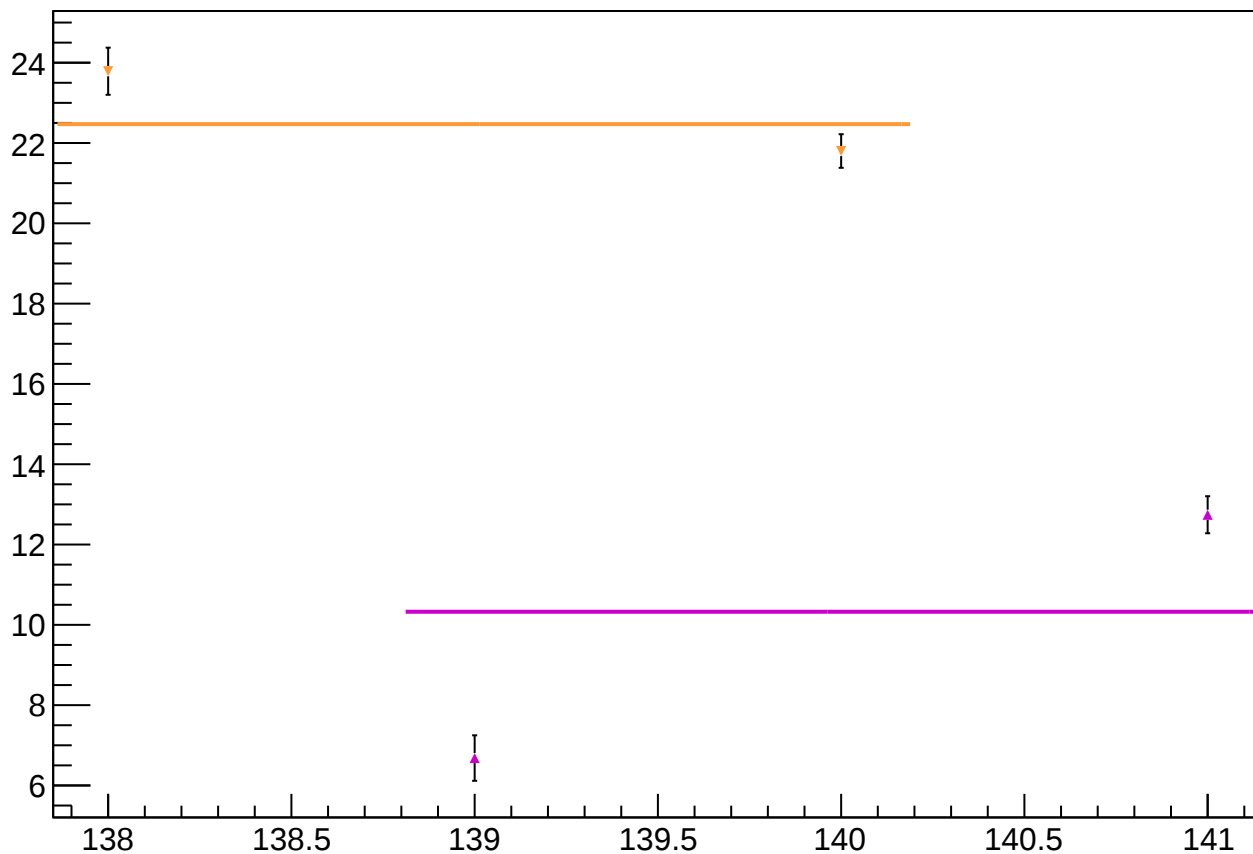
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Out: 0.498+/-0.020 χ^2/NDF : 3.4/1

All: 0.508+/-0.014 χ^2/NDF : 5.1/3

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: 22.471+/-0.341 χ^2/NDF : 7.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.327+/-0.358 χ^2/NDF : 68.8/1

Left: 16.694+/-0.247 χ^2/NDF : 681.2/3

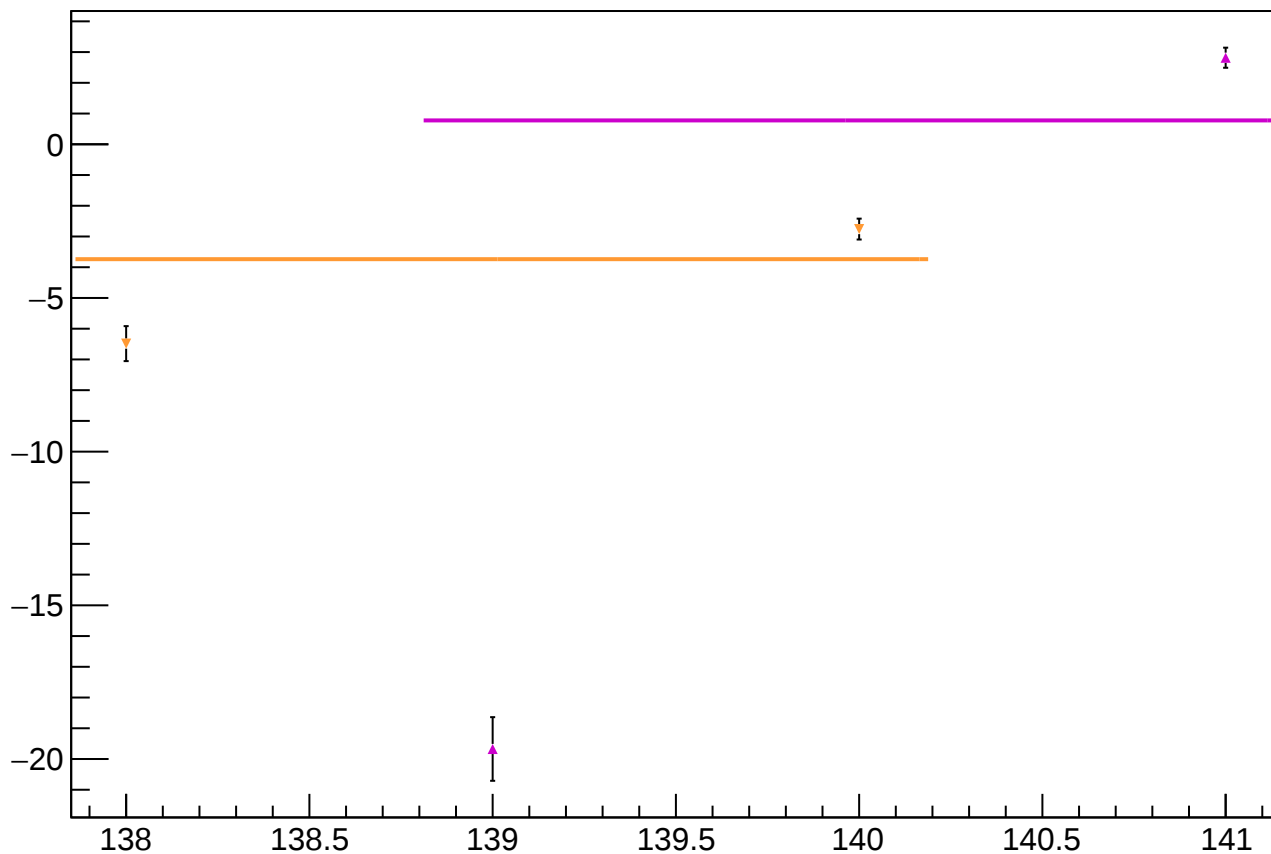
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.327+/-0.358 χ^2/NDF : 68.8/1

Out: 22.471+/-0.341 χ^2/NDF : 7.6/1

All: 16.694+/-0.247 χ^2/NDF : 681.2/3

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.738+/-0.292 χ^2/NDF :31.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.777+/-0.312 χ^2/NDF :429.1/1

Left: -1.631+/-0.213 χ^2/NDF : 572.6/3

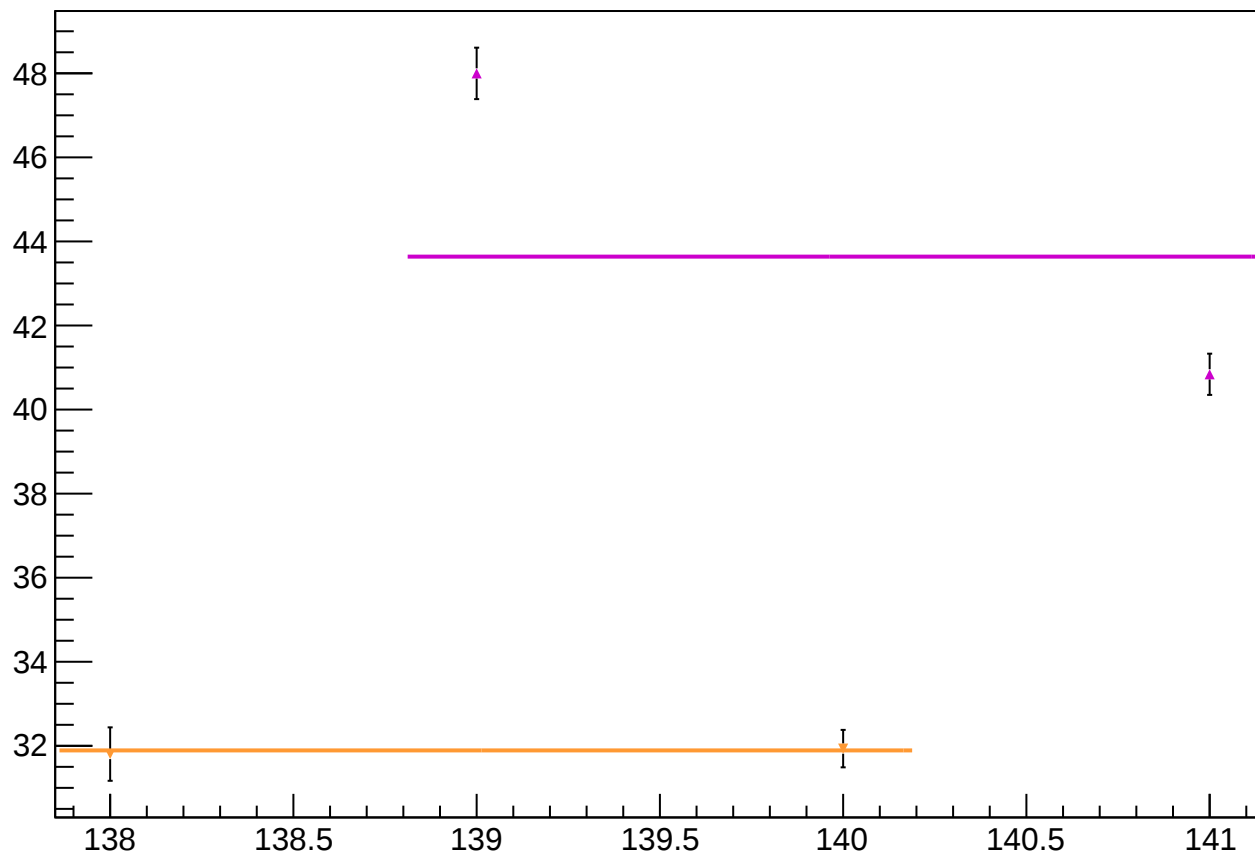
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.777+/-0.312 χ^2/NDF :429.1/1

Out: -3.738+/-0.292 χ^2/NDF :31.6/1

All: -1.631+/-0.213 χ^2/NDF : 572.6/3

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: 31.891+/-0.365 χ^2/NDF : 0.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.639+/-0.383 χ^2/NDF : 83.3/1

Left: 37.485+/-0.264 χ^2/NDF : 577.1/3

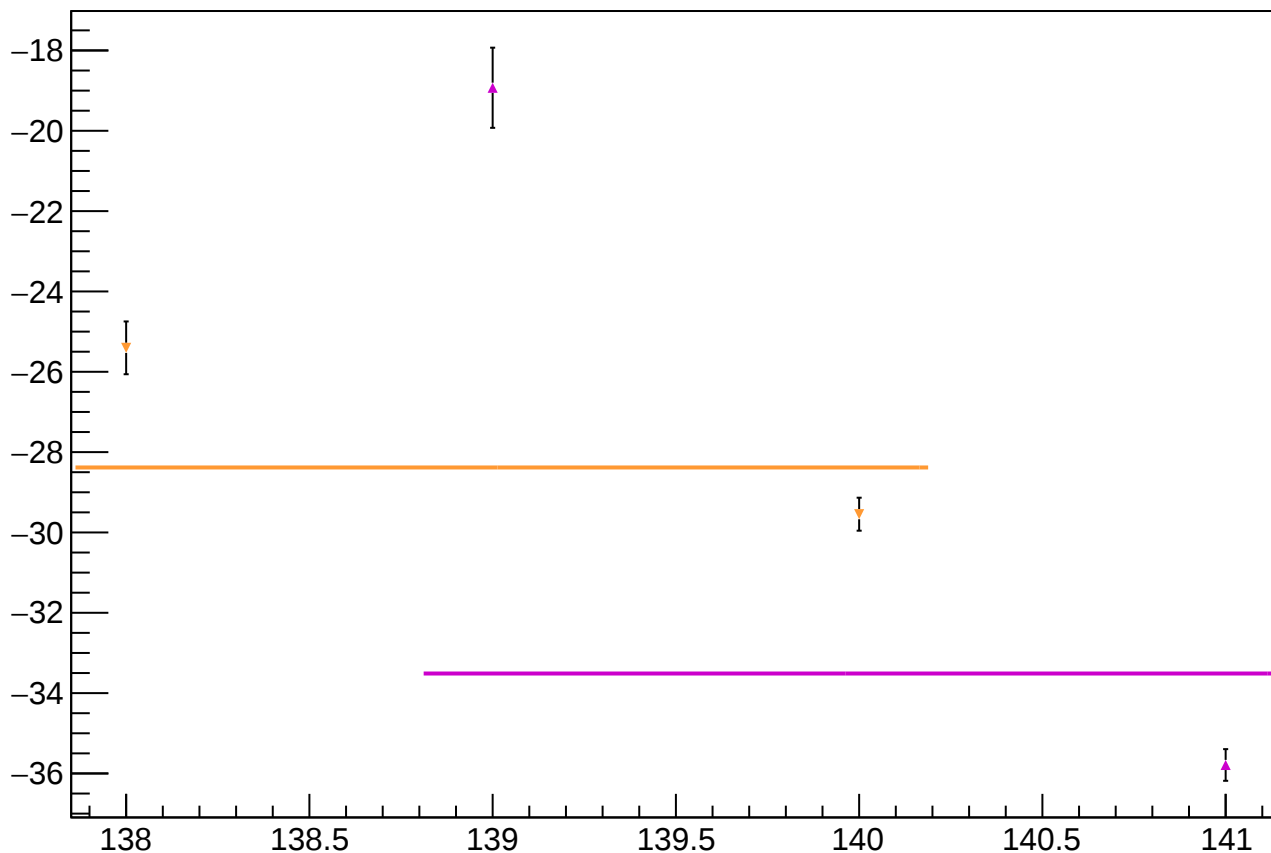
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.639+/-0.383 χ^2/NDF : 83.3/1

Out: 31.891+/-0.365 χ^2/NDF : 0.0/1

All: 37.485+/-0.264 χ^2/NDF : 577.1/3

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: -28.382+/-0.348 χ^2/NDF :28.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.512+/-0.367 χ^2/NDF :246.9/1

Left: -30.814+/-0.253 χ^2/NDF : 378.4/3

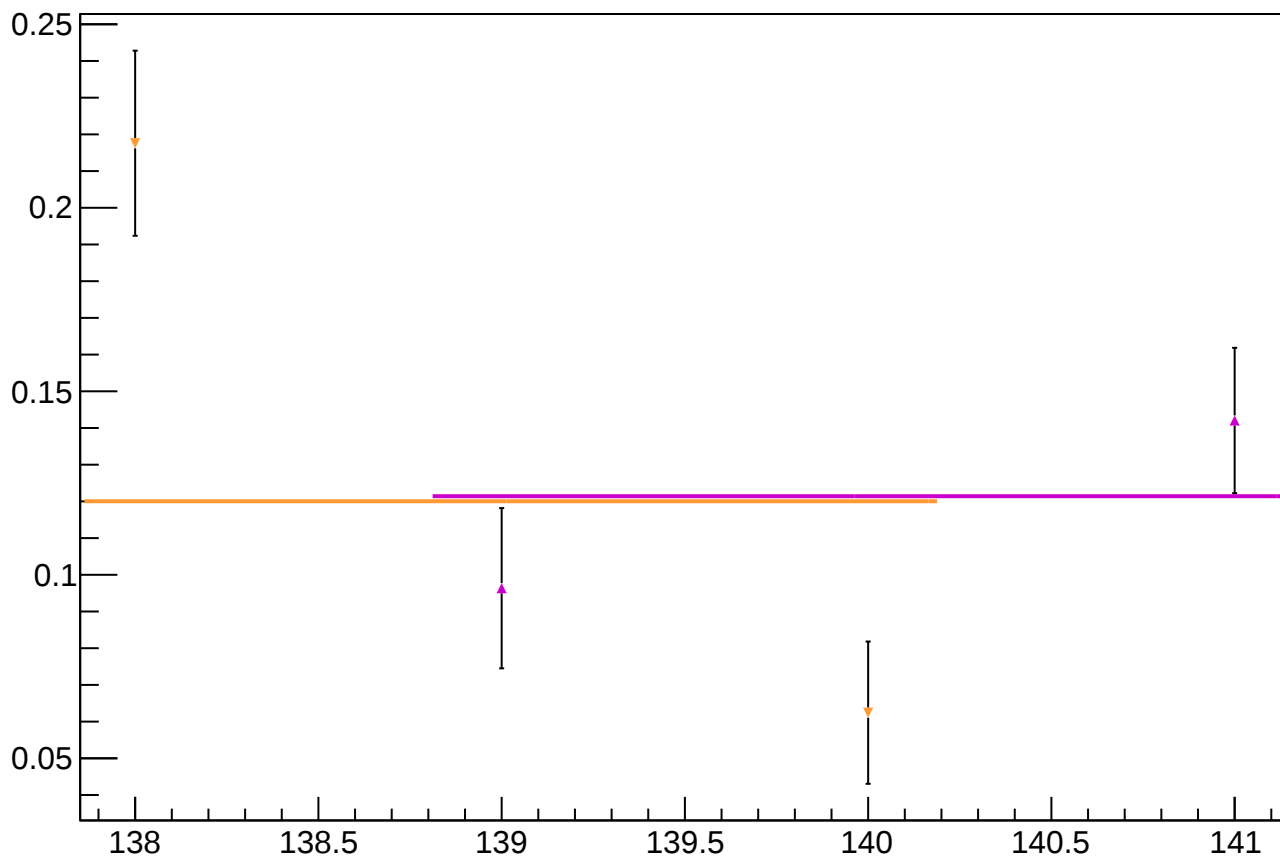
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.512+/-0.367 χ^2/NDF :246.9/1

Out: -28.382+/-0.348 χ^2/NDF :28.6/1

All: -30.814+/-0.253 χ^2/NDF : 378.4/3

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.120+/-0.015 χ^2/NDF :23.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.121+/-0.015 χ^2/NDF :2.4/1

Left: 0.121+/-0.011 χ^2/NDF : 26.2/3

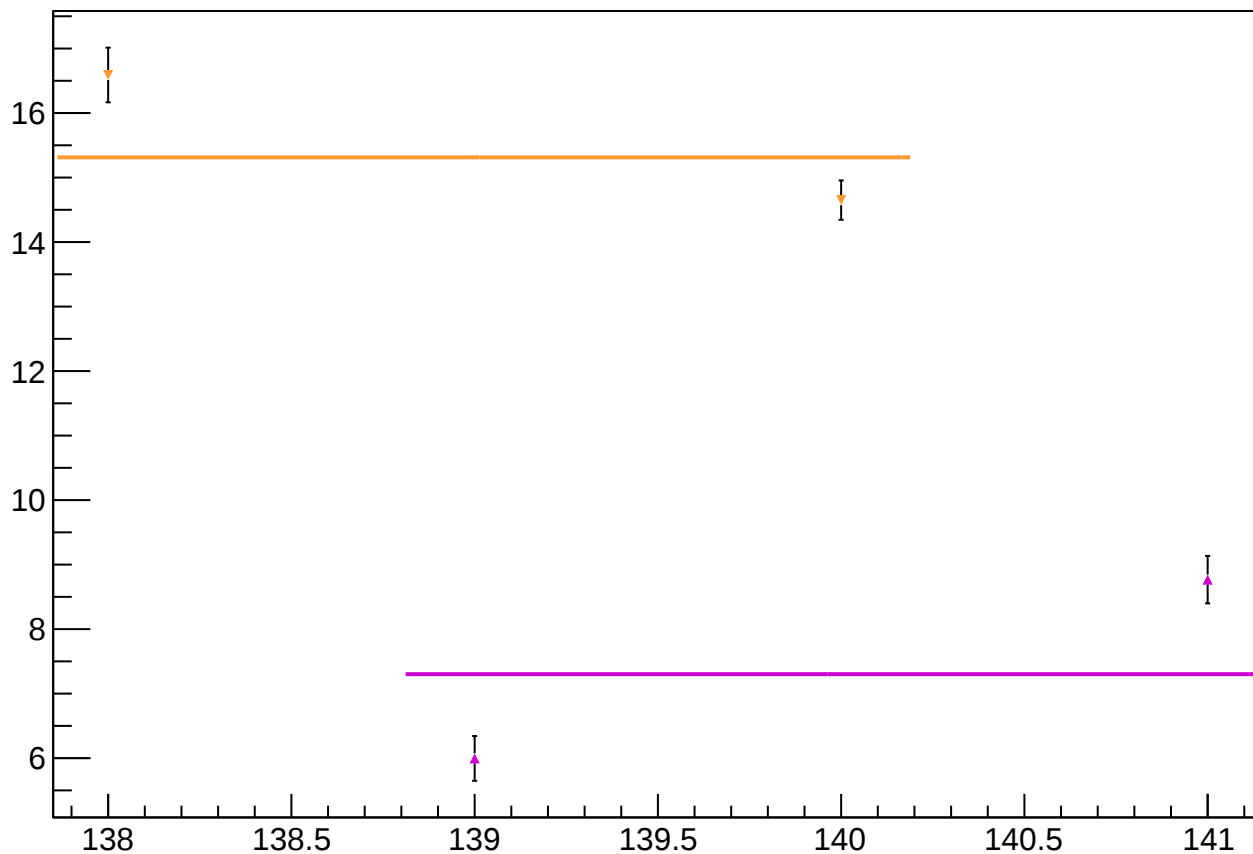
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.121+/-0.015 χ^2/NDF :2.4/1

Out: 0.120+/-0.015 χ^2/NDF :23.8/1

All: 0.121+/-0.011 χ^2/NDF : 26.2/3

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: 15.313+/-0.248 χ^2/NDF :13.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.302+/-0.252 χ^2/NDF :30.0/1

Left: 11.384+/-0.177 χ^2/NDF : 557.0/3

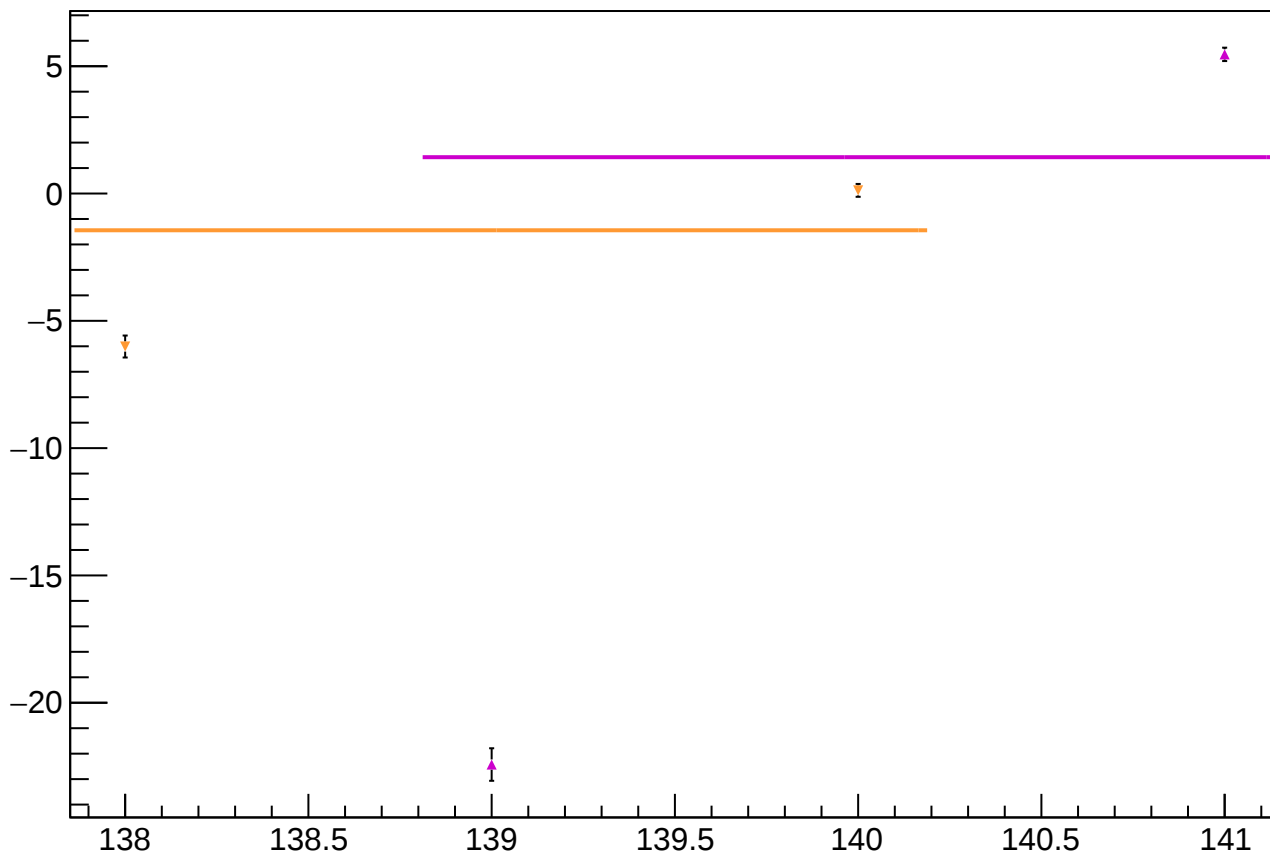
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.302+/-0.252 χ^2/NDF :30.0/1

Out: 15.313+/-0.248 χ^2/NDF :13.8/1

All: 11.384+/-0.177 χ^2/NDF : 557.0/3

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: -1.443+/-0.218 χ^2/NDF :150.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.427+/-0.243 χ^2/NDF :1629.6/1

Left: -0.163+/-0.162 χ^2/NDF : 1857.3/3

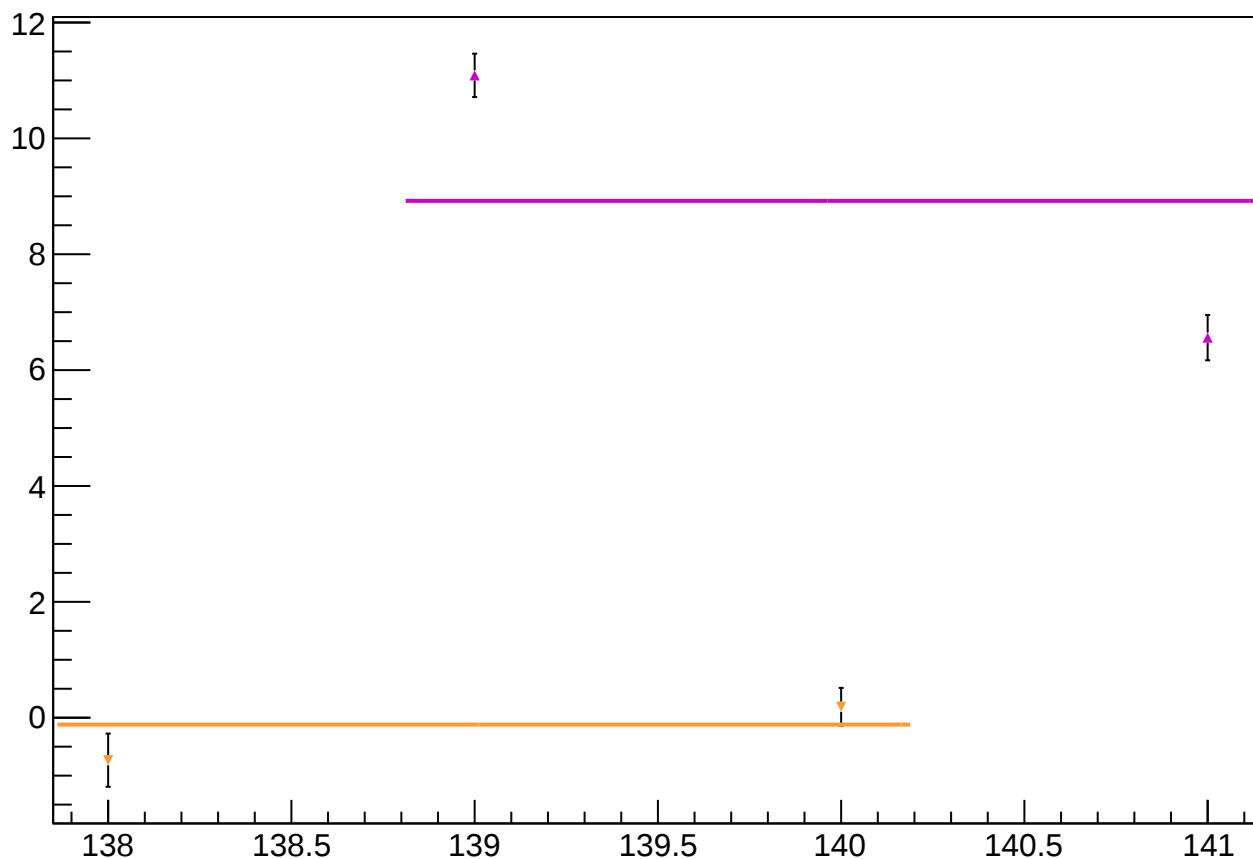
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.427+/-0.243 χ^2/NDF :1629.6/1

Out: -1.443+/-0.218 χ^2/NDF :150.4/1

All: -0.163+/-0.162 χ^2/NDF : 1857.3/3

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: -0.119+/-0.265 χ^2/NDF :2.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.921+/-0.271 χ^2/NDF :69.9/1

Left: 4.316+/-0.189 χ^2/NDF : 641.4/3

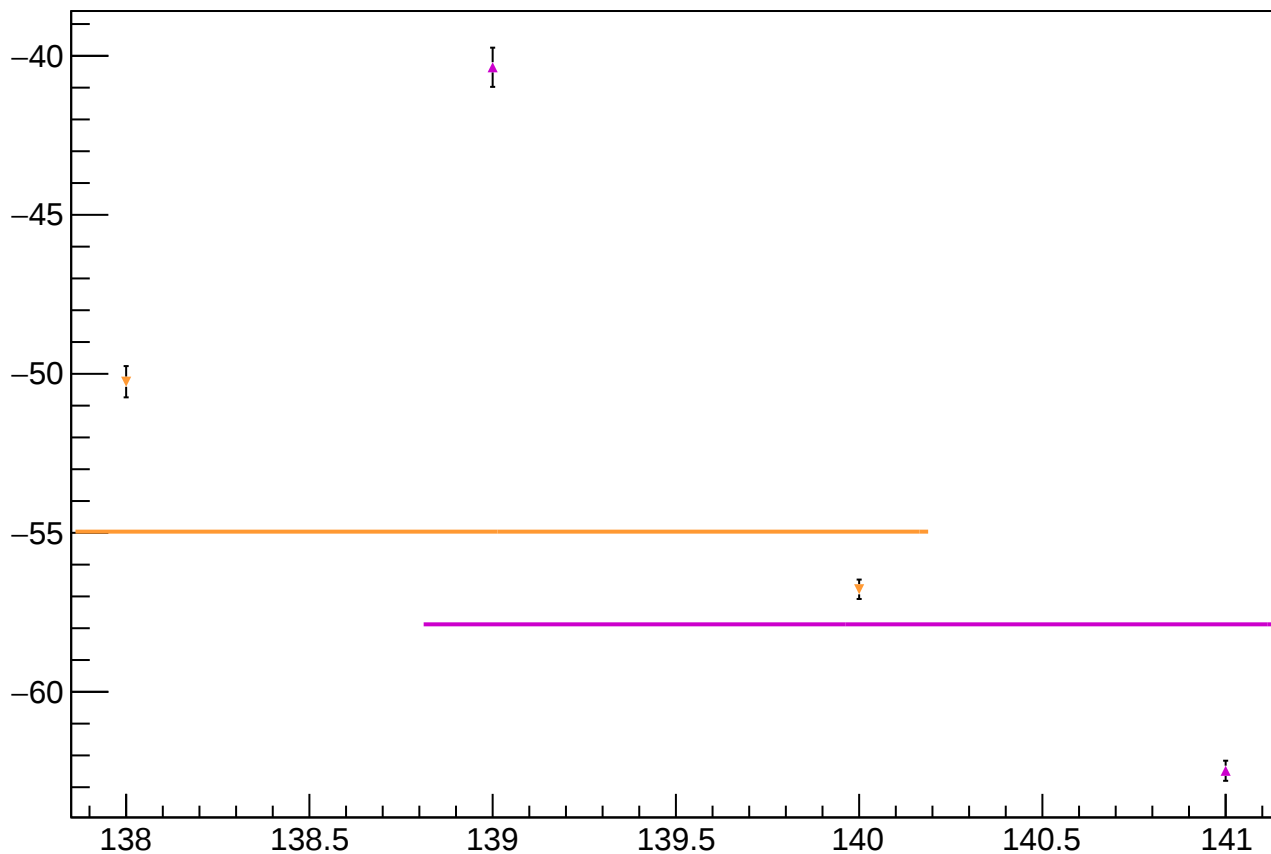
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.921+/-0.271 χ^2/NDF :69.9/1

Out: -0.119+/-0.265 χ^2/NDF :2.7/1

All: 4.316+/-0.189 χ^2/NDF : 641.4/3

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: -54.963+/-0.259 χ^2/NDF :127.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.878+/-0.281 χ^2/NDF :1020.4/1

Left: -56.301+/-0.191 χ^2/NDF : 1205.8/3

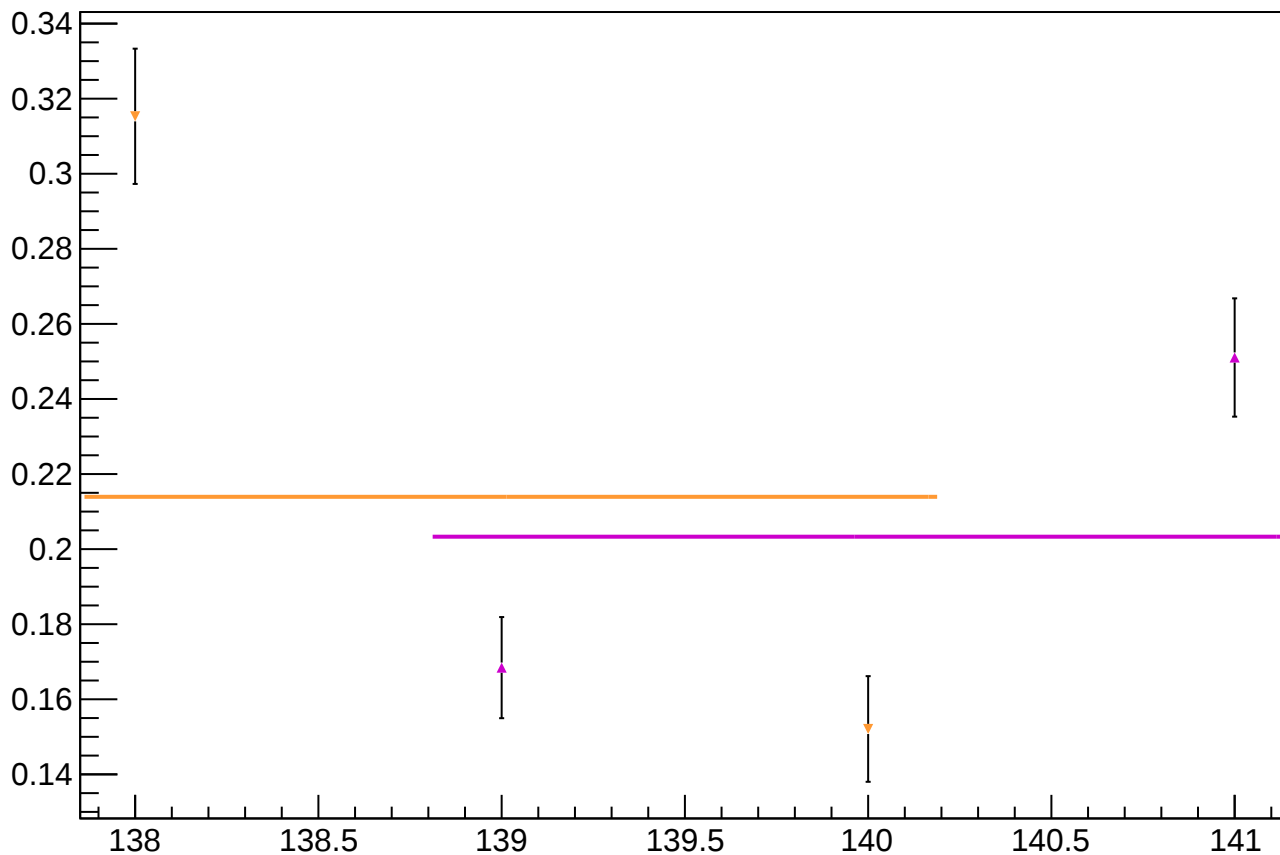
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.878+/-0.281 χ^2/NDF :1020.4/1

Out: -54.963+/-0.259 χ^2/NDF :127.3/1

All: -56.301+/-0.191 χ^2/NDF : 1205.8/3

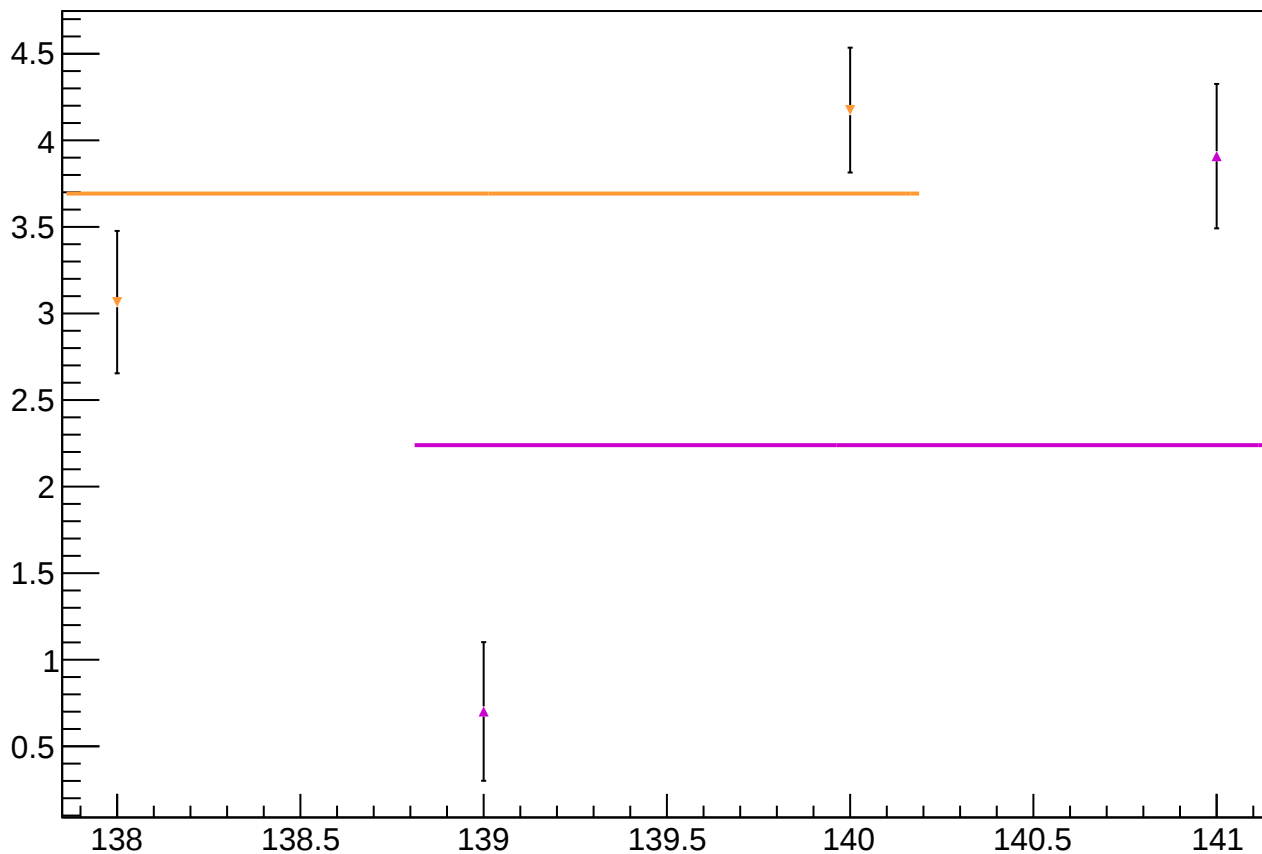
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.214 $\pm$ 0.011 χ^2 /NDF:51.0/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.203 $\pm$ 0.010 χ^2 /NDF:15.9/1

Left: 0.208 $\pm$ 0.008 χ^2 /NDF: 67.3/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.203 $\pm$ 0.010 χ^2 /NDF:15.9/1
 Out: 0.214 $\pm$ 0.011 χ^2 /NDF:51.0/1
 All: 0.208 $\pm$ 0.008 χ^2 /NDF: 67.3/3

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.239+/-0.289 χ^2/NDF : 30.8/1

Left: 3.012+/-0.198 χ^2/NDF : 48.3/3

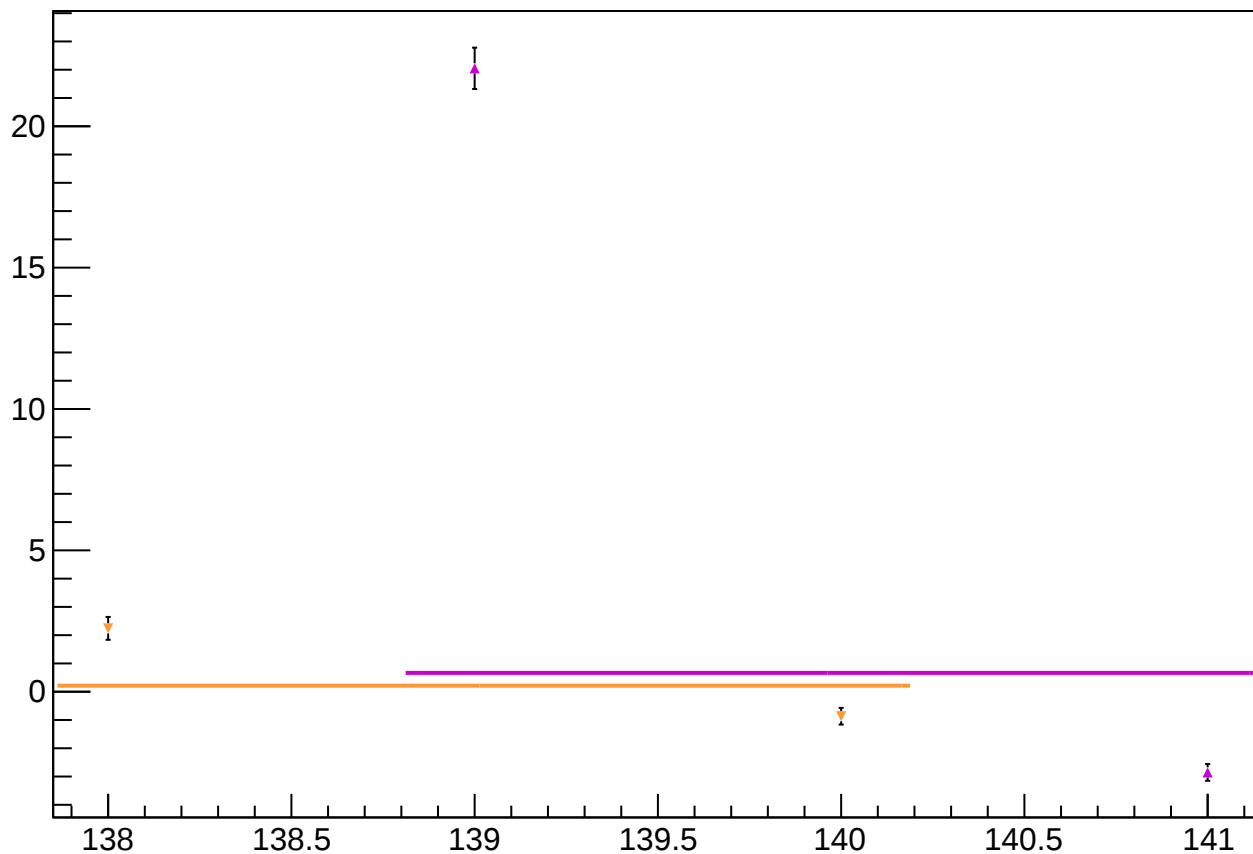
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.239+/-0.289 χ^2/NDF : 30.8/1

Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

All: 3.012+/-0.198 χ^2/NDF : 48.3/3

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.214+/-0.238 χ^2/NDF :38.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.667+/-0.275 χ^2/NDF :996.4/1

Left: 0.408+/-0.180 χ^2/NDF : 1036.5/3

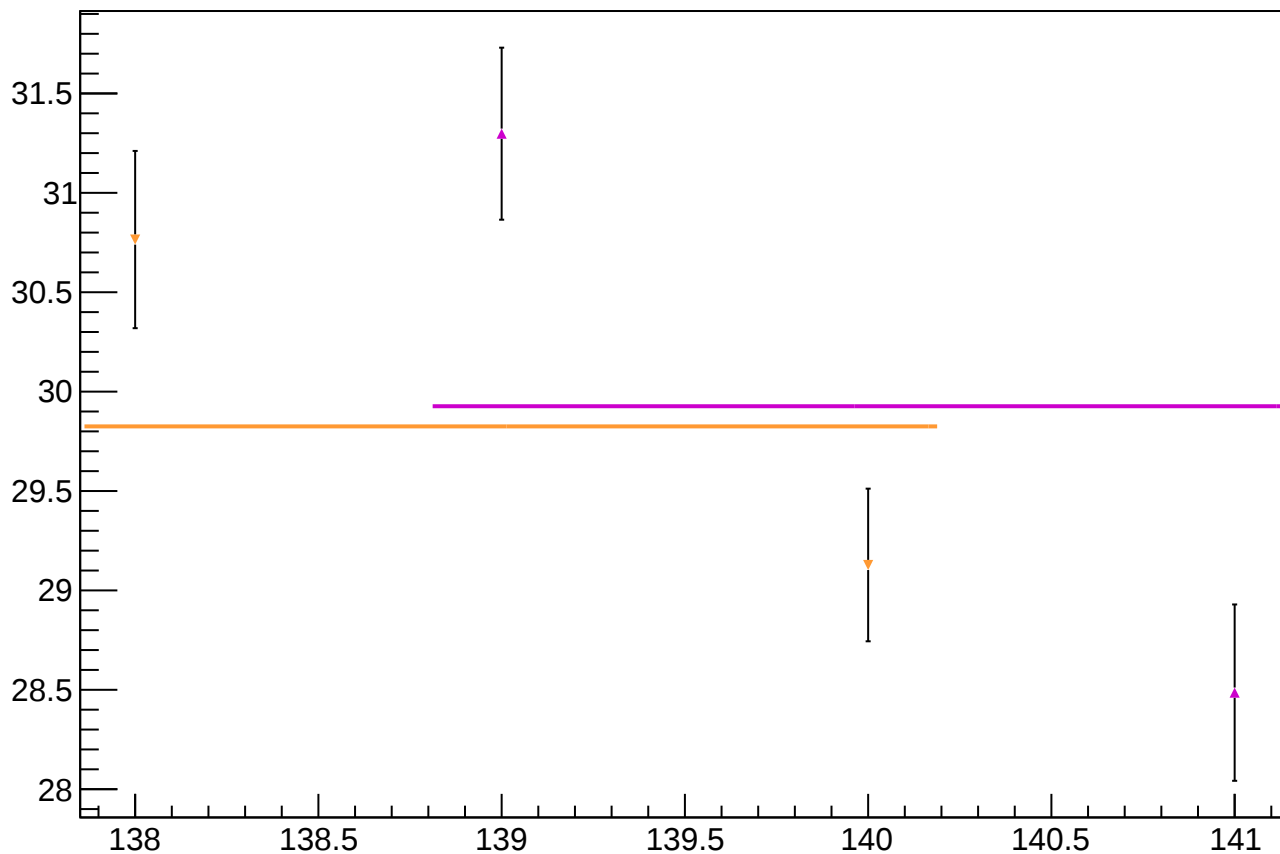
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.667+/-0.275 χ^2/NDF :996.4/1

Out: 0.214+/-0.238 χ^2/NDF :38.6/1

All: 0.408+/-0.180 χ^2/NDF : 1036.5/3

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: 29.825+/-0.291 χ^2/NDF : 7.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.927+/-0.310 χ^2/NDF : 20.6/1

Left: 29.873+/-0.212 χ^2/NDF : 28.4/3

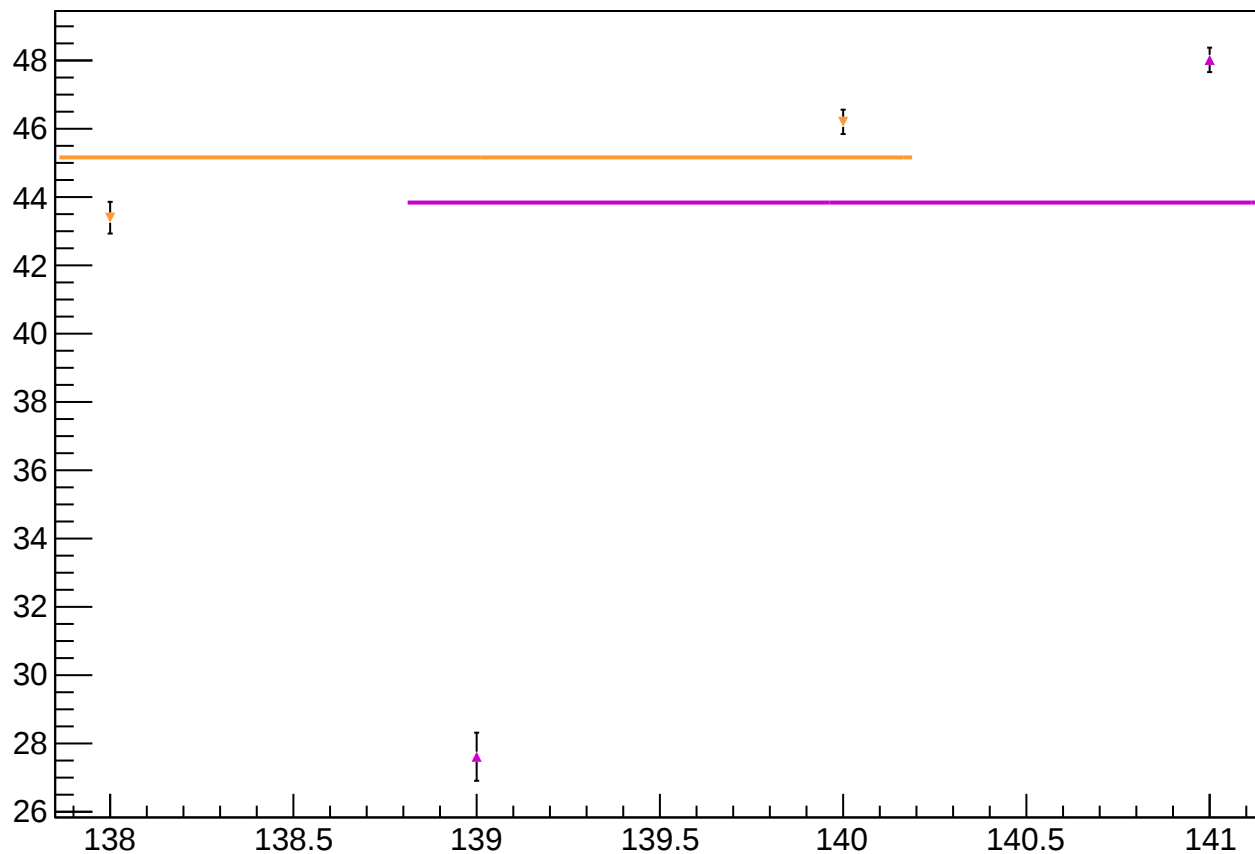
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.927+/-0.310 χ^2/NDF : 20.6/1

Out: 29.825+/-0.291 χ^2/NDF : 7.7/1

All: 29.873+/-0.212 χ^2/NDF : 28.4/3

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: 45.161+/-0.283 χ^2/NDF :22.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.839+/-0.319 χ^2/NDF :667.0/1

Left: 44.578+/-0.212 χ^2/NDF : 699.5/3

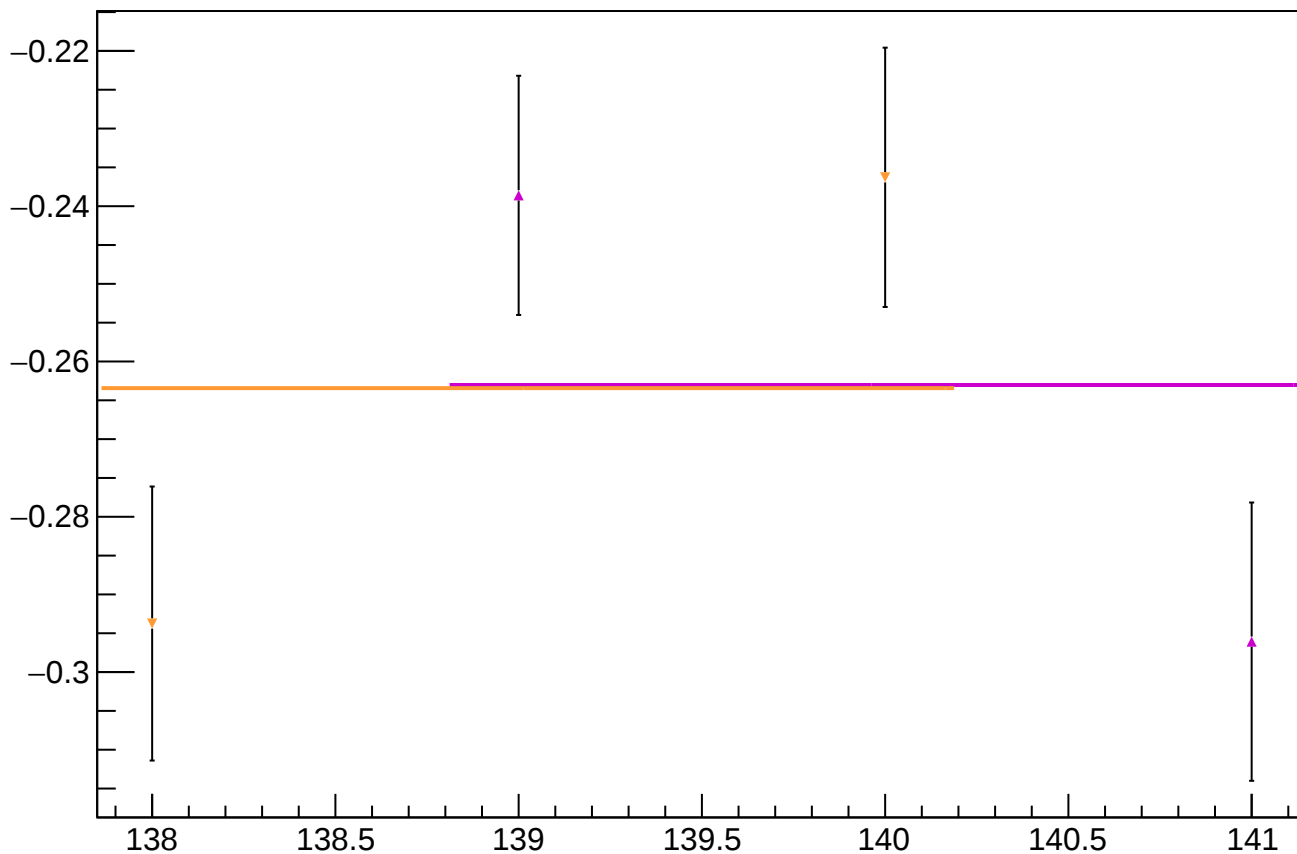
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.839+/-0.319 χ^2/NDF :667.0/1

Out: 45.161+/-0.283 χ^2/NDF :22.9/1

All: 44.578+/-0.212 χ^2/NDF : 699.5/3

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: -0.263+/-0.012 χ^2/NDF : 5.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.263+/-0.012 χ^2/NDF : 5.9/1

Left: -0.263+/-0.008 χ^2/NDF : 11.5/3

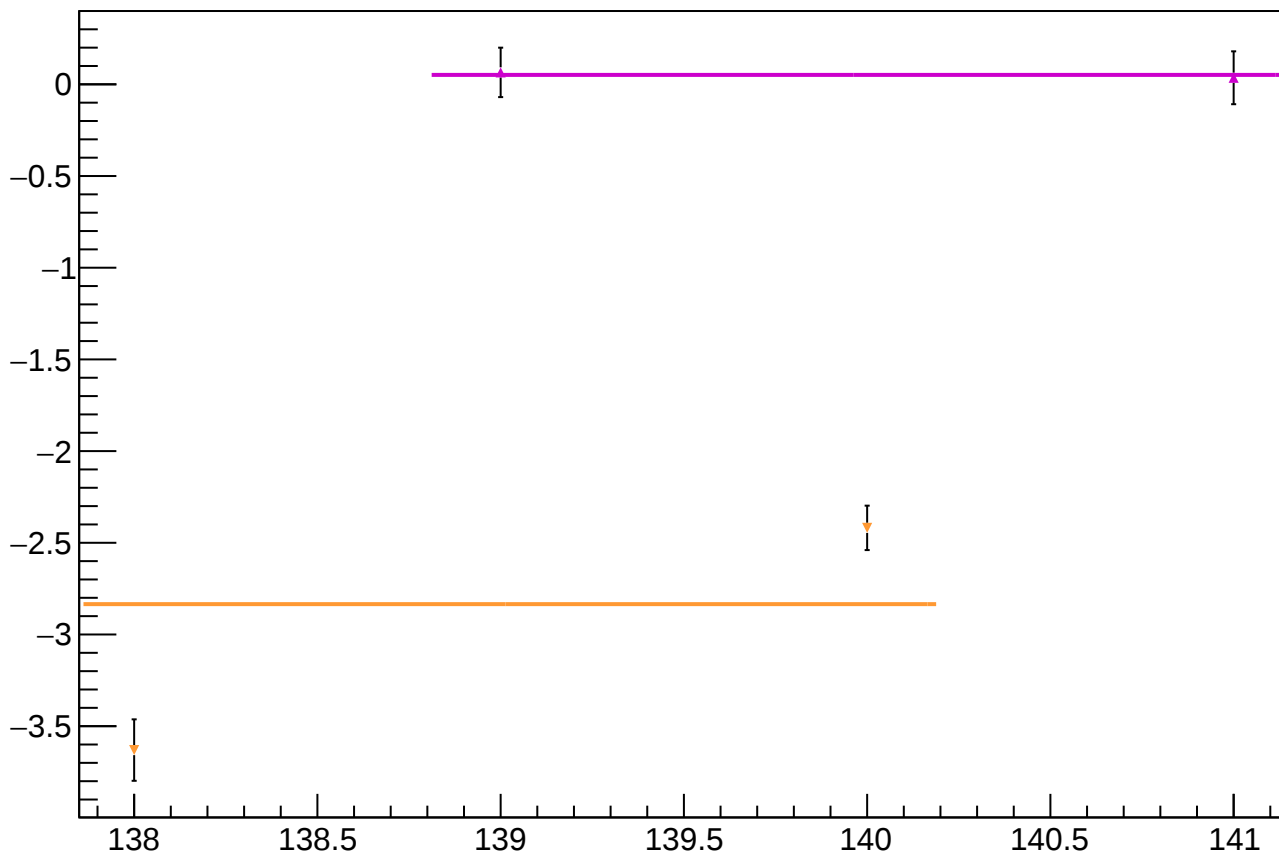
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.263+/-0.012 χ^2/NDF : 5.9/1

Out: -0.263+/-0.012 χ^2/NDF : 5.6/1

All: -0.263+/-0.008 χ^2/NDF : 11.5/3

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: -2.835+/-0.098 χ^2/NDF :34.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.051+/-0.098 χ^2/NDF :0.0/1

Left: -1.396+/-0.070 χ^2/NDF : 465.3/3

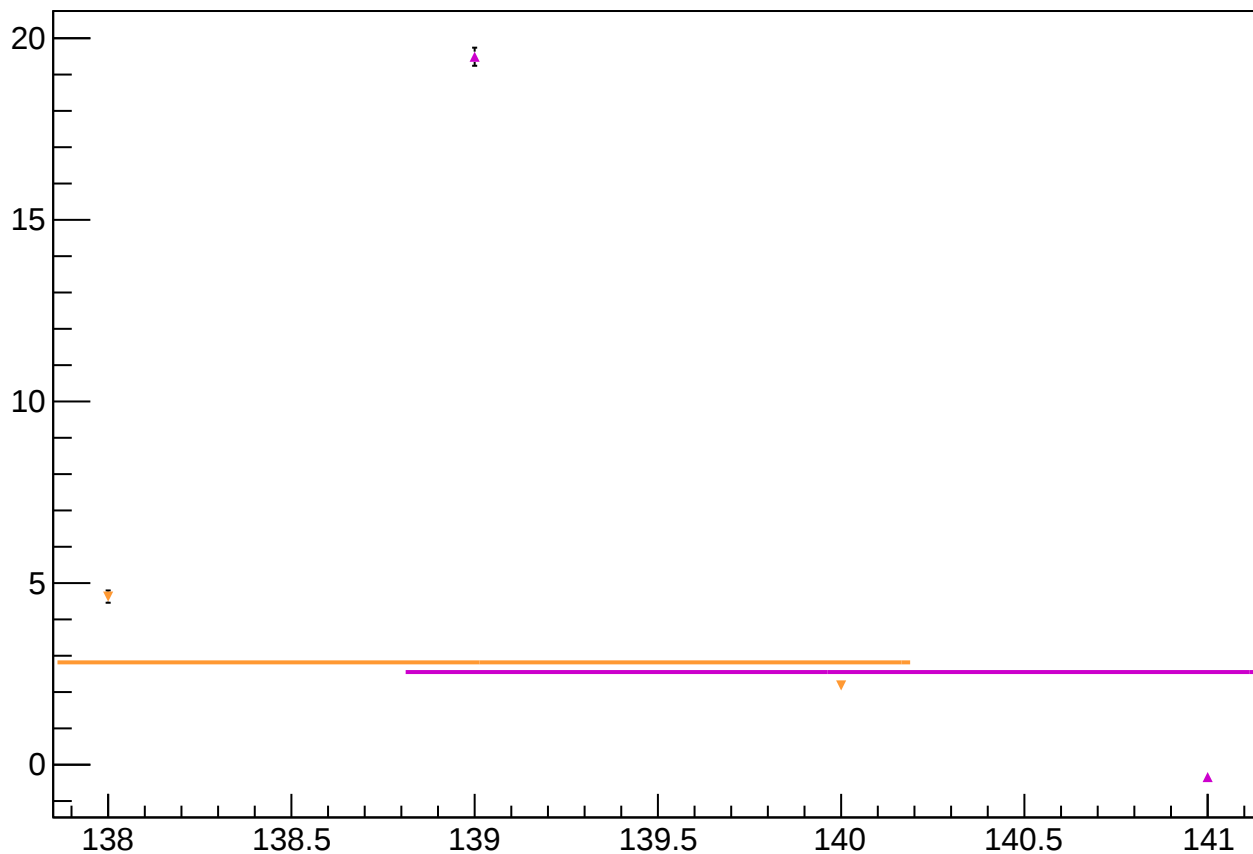
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.051+/-0.098 χ^2/NDF :0.0/1

Out: -2.835+/-0.098 χ^2/NDF :34.4/1

All: -1.396+/-0.070 χ^2/NDF : 465.3/3

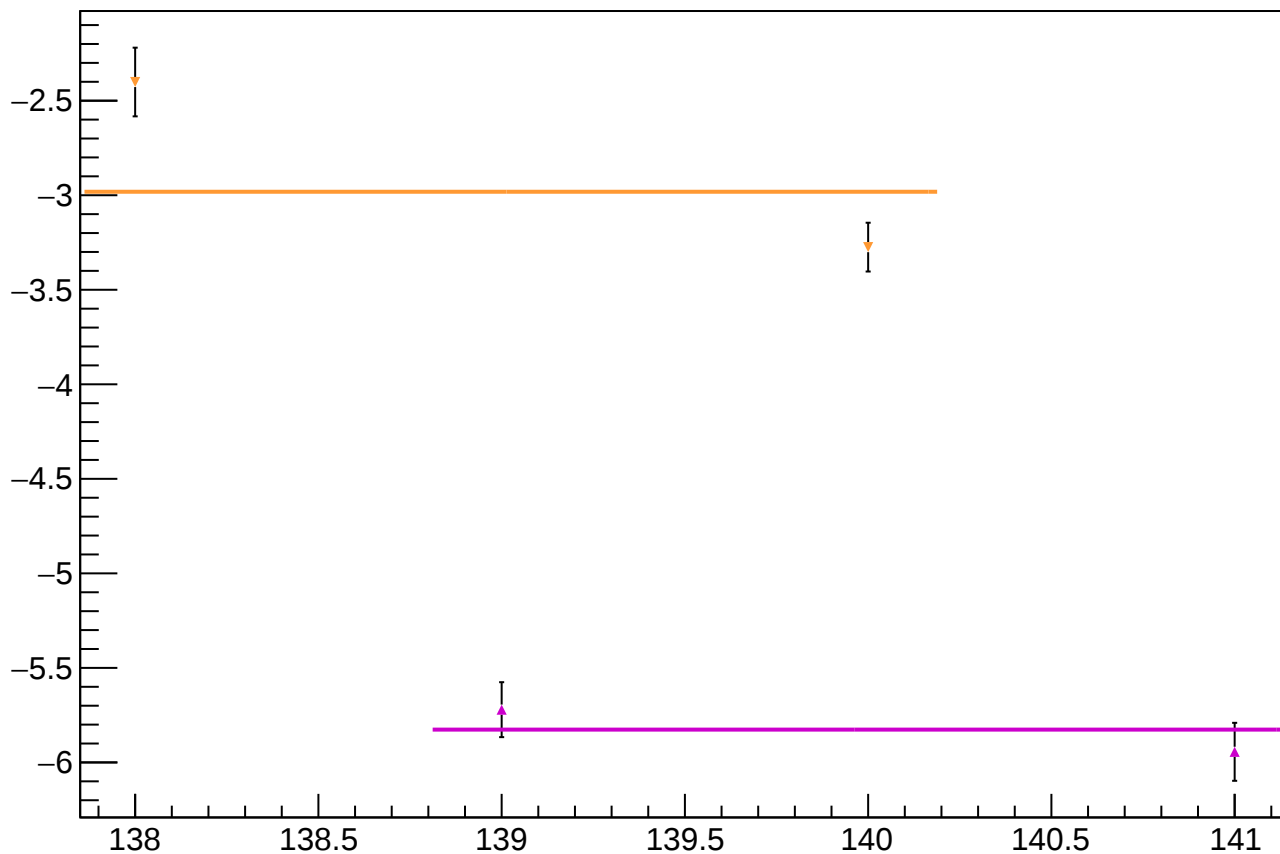
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.817 $\pm$ 0.086 χ^2 /NDF:154.8/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.551 $\pm$ 0.095 χ^2 /NDF:5409.9/1

Left: 2.697 $\pm$ 0.064 χ^2 /NDF: 5569.0/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.551 $\pm$ 0.095 χ^2 /NDF:5409.9/1
 Out: 2.817 $\pm$ 0.086 χ^2 /NDF:154.8/1
 All: 2.697 $\pm$ 0.064 χ^2 /NDF: 5569.0/3

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.982+/-0.105 χ^2/NDF :15.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.826+/-0.105 χ^2/NDF :1.1/1

Left: -4.400+/-0.074 χ^2/NDF : 381.2/3

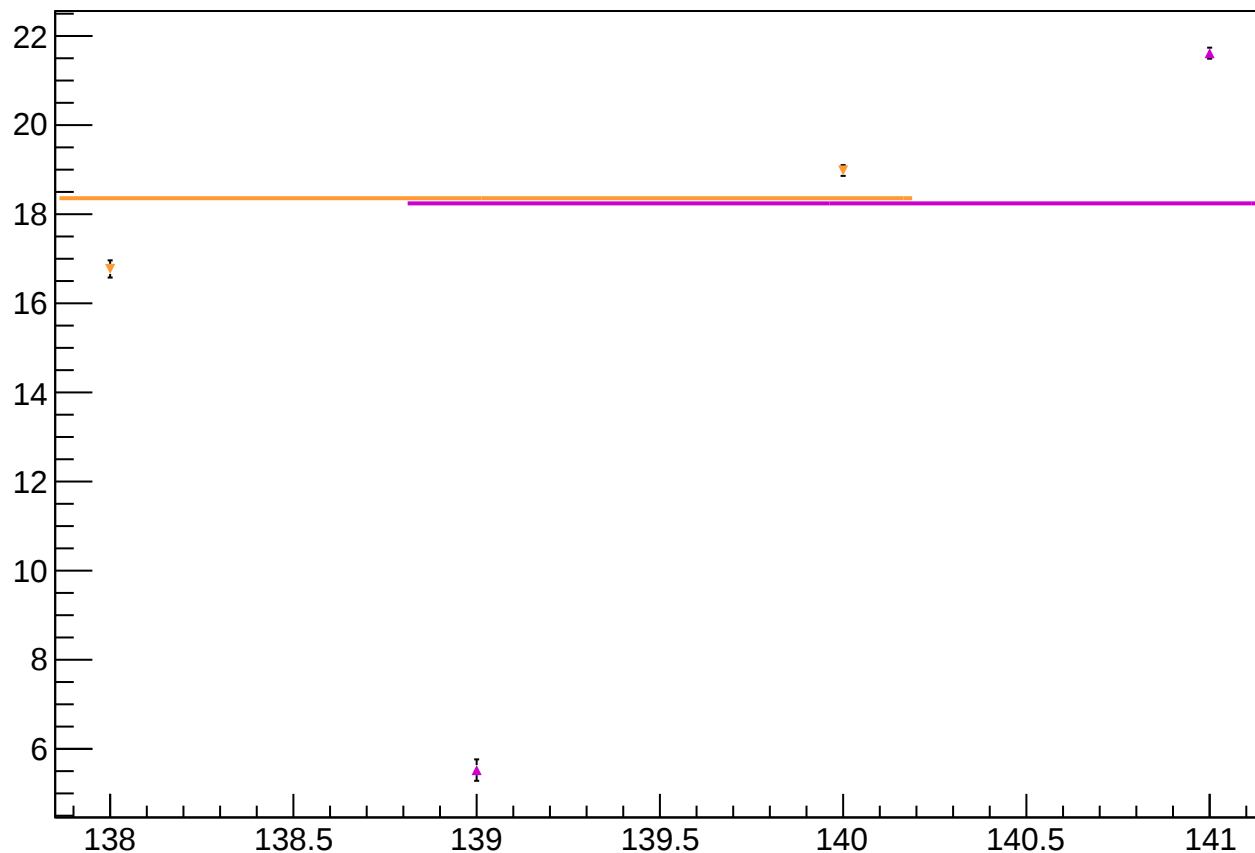
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.826+/-0.105 χ^2/NDF :1.1/1

Out: -2.982+/-0.105 χ^2/NDF :15.4/1

All: -4.400+/-0.074 χ^2/NDF : 381.2/3

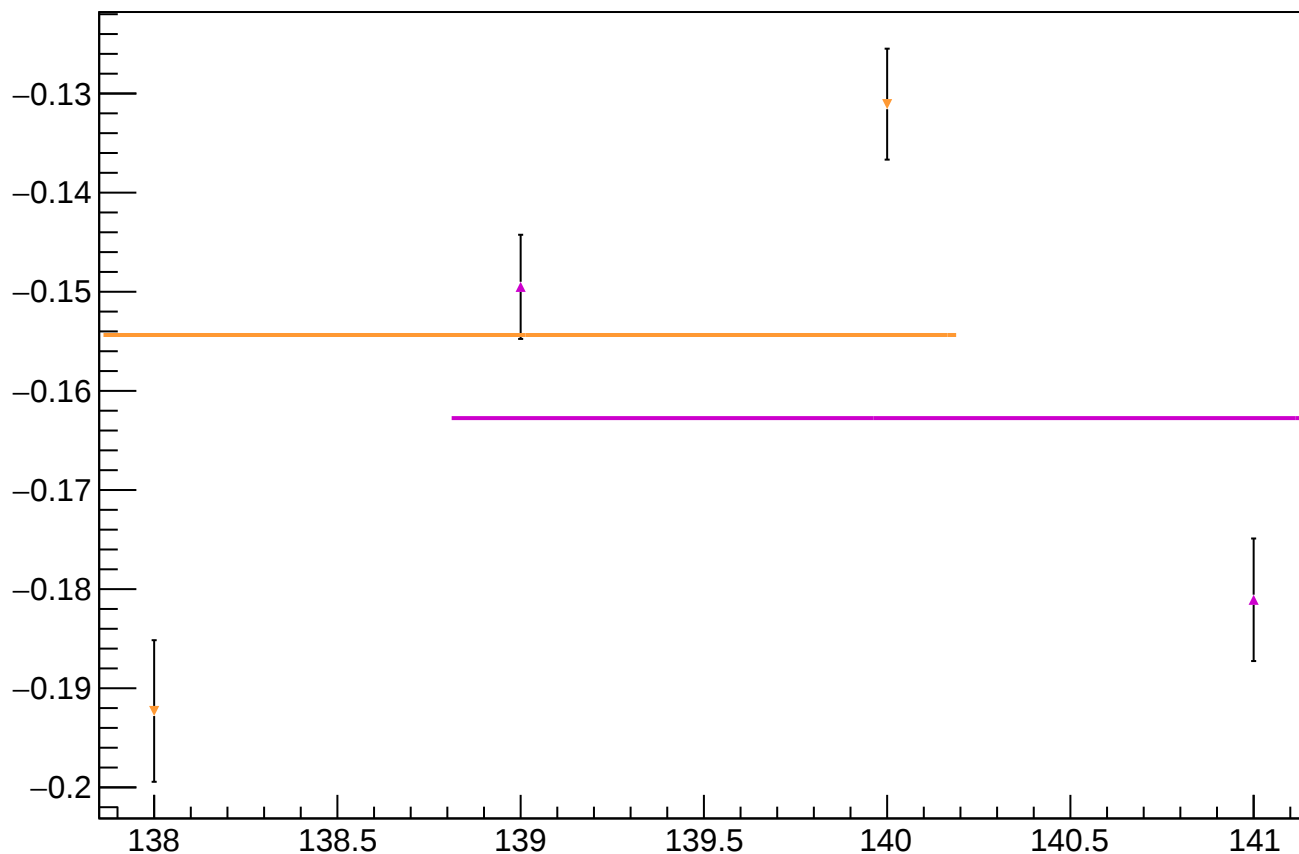
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 18.359+/-0.102 χ^2/NDF :94.0/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.243+/-0.110 χ^2/NDF :3539.3/1

Left: 18.305+/-0.075 χ^2/NDF : 3634.0/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.243+/-0.110 χ^2/NDF :3539.3/1
 Out: 18.359+/-0.102 χ^2/NDF :94.0/1
 All: 18.305+/-0.075 χ^2/NDF : 3634.0/3

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: -0.154+/-0.004 χ^2/NDF :45.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.163+/-0.004 χ^2/NDF :15.1/1

Left: -0.159+/-0.003 χ^2/NDF : 62.6/3

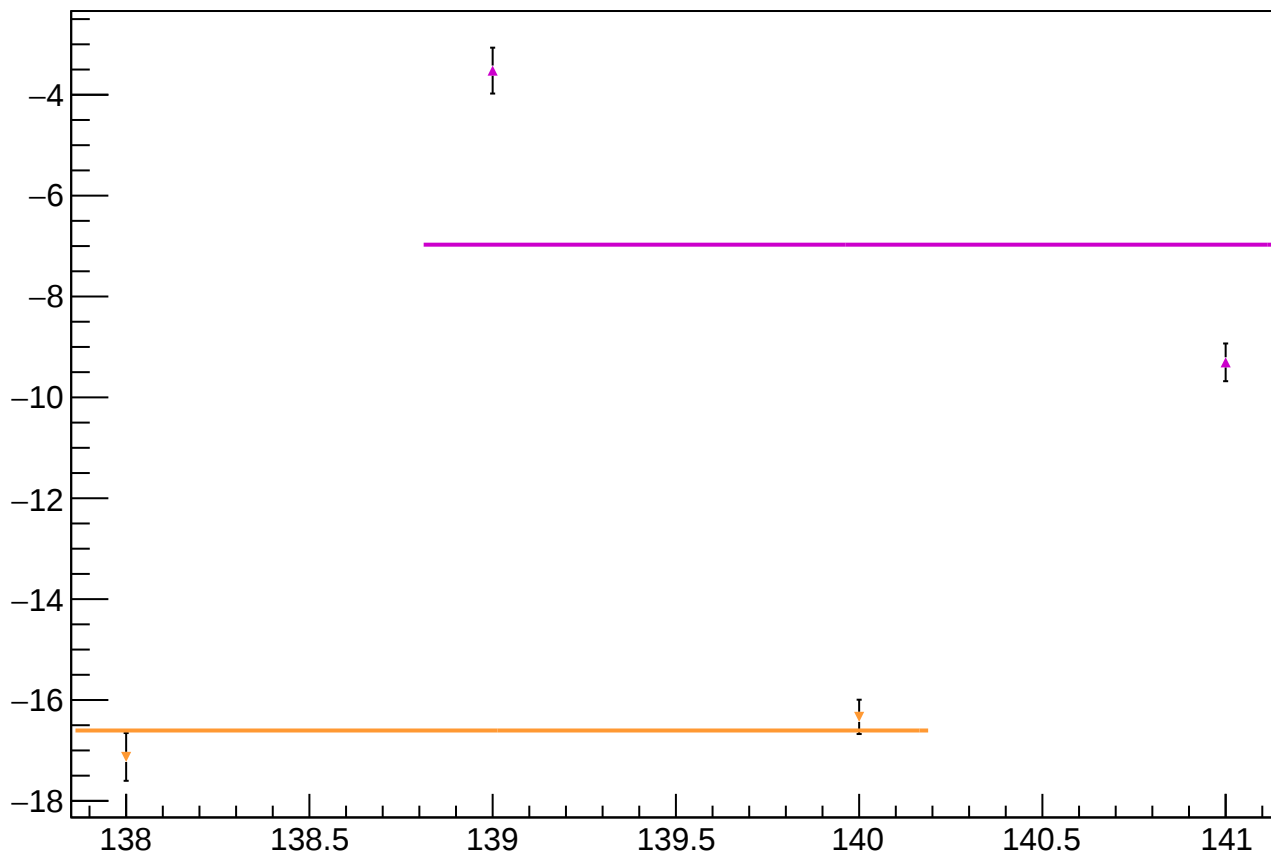
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.163+/-0.004 χ^2/NDF :15.1/1

Out: -0.154+/-0.004 χ^2/NDF :45.5/1

All: -0.159+/-0.003 χ^2/NDF : 62.6/3

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -16.605 ± 0.276 χ^2/NDF : 1.9/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -6.972 ± 0.289 χ^2/NDF : 96.5/1

Left: -12.004 ± 0.200 χ^2/NDF : 679.3/3

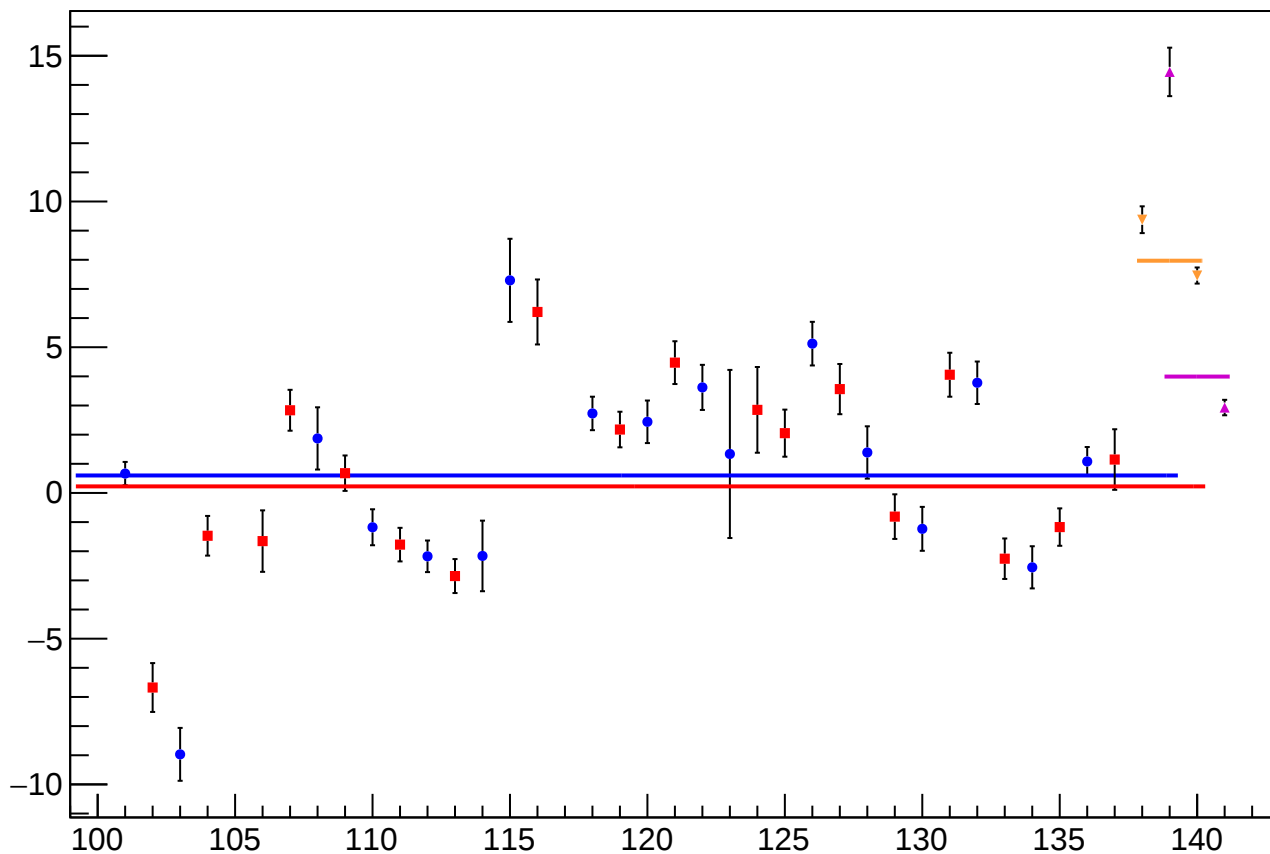
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -6.972 ± 0.289 χ^2/NDF : 96.5/1

Out: -16.605 ± 0.276 χ^2/NDF : 1.9/1

All: -12.004 ± 0.200 χ^2/NDF : 679.3/3

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 7.968 $\pm$ 0.237 χ^2 /NDF:12.8/1

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 3.993 $\pm$ 0.253 χ^2 /NDF:174.1/1

Left: 6.110 $\pm$ 0.173 χ^2 /NDF: 318.7/3

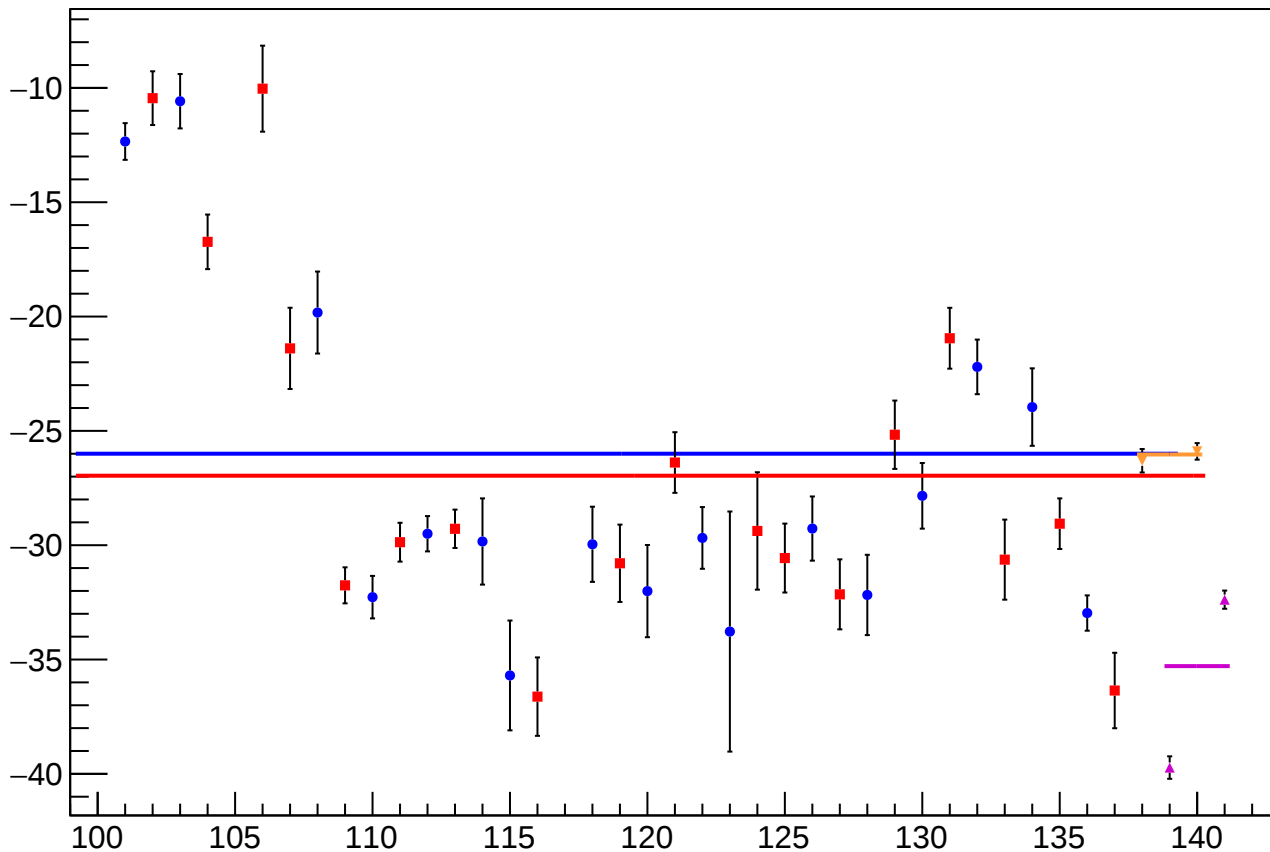
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 1.651 $\pm$ 0.141 χ^2 /NDF:590.5/18

Out: 2.956 $\pm$ 0.141 χ^2 /NDF:978.4/19

All: 2.304 $\pm$ 0.099 χ^2 /NDF: 1612.0/38

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: -26.033 ± 0.296 χ^2/NDF : 0.4/1

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -35.288 ± 0.309 χ^2/NDF : 135.0/1

Left: -30.458 ± 0.214 χ^2/NDF : 603.3/3

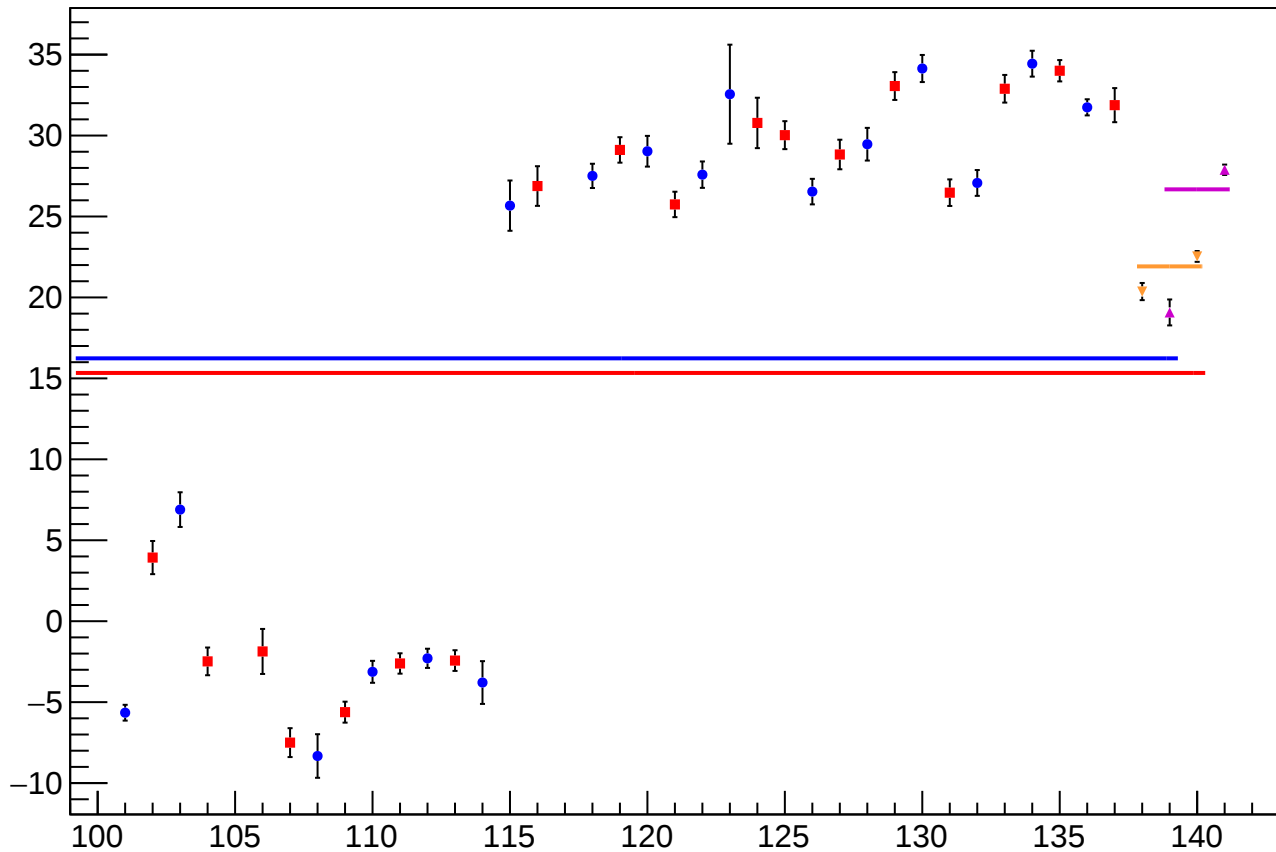
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -30.506 ± 0.215 χ^2/NDF : 1292.5/18

Out: -26.493 ± 0.210 χ^2/NDF : 540.7/19

All: -28.450 ± 0.150 χ^2/NDF : 2011.2/38

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: 21.917 $\pm$ 0.283 χ^2 /NDF:12.0/1

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.677 $\pm$ 0.297 χ^2 /NDF:104.3/1

Left: 24.179 $\pm$ 0.205 χ^2 /NDF: 251.1/3

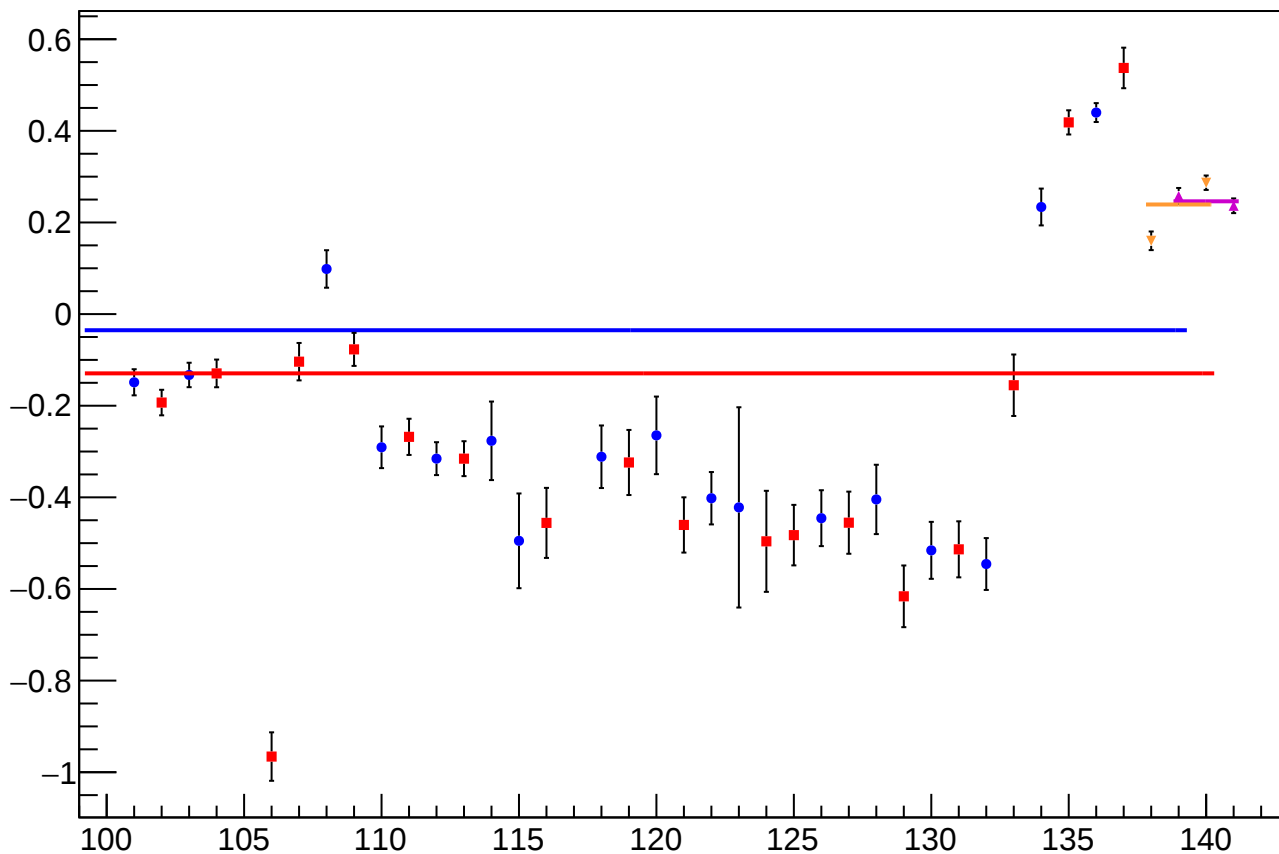
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 19.301 $\pm$ 0.161 χ^2 /NDF:8557.3/18

Out: 17.490 $\pm$ 0.162 χ^2 /NDF:7636.6/19

All: 18.400 $\pm$ 0.114 χ^2 /NDF: 16256.9/38

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: 0.239+/-0.012 χ^2/NDF :24.3/1

Right Out: -0.129+/-0.010 χ^2/NDF : 1161.5/17

Left In: 0.246+/-0.012 χ^2/NDF :0.8/1

Left: 0.243+/-0.009 χ^2/NDF : 25.3/3

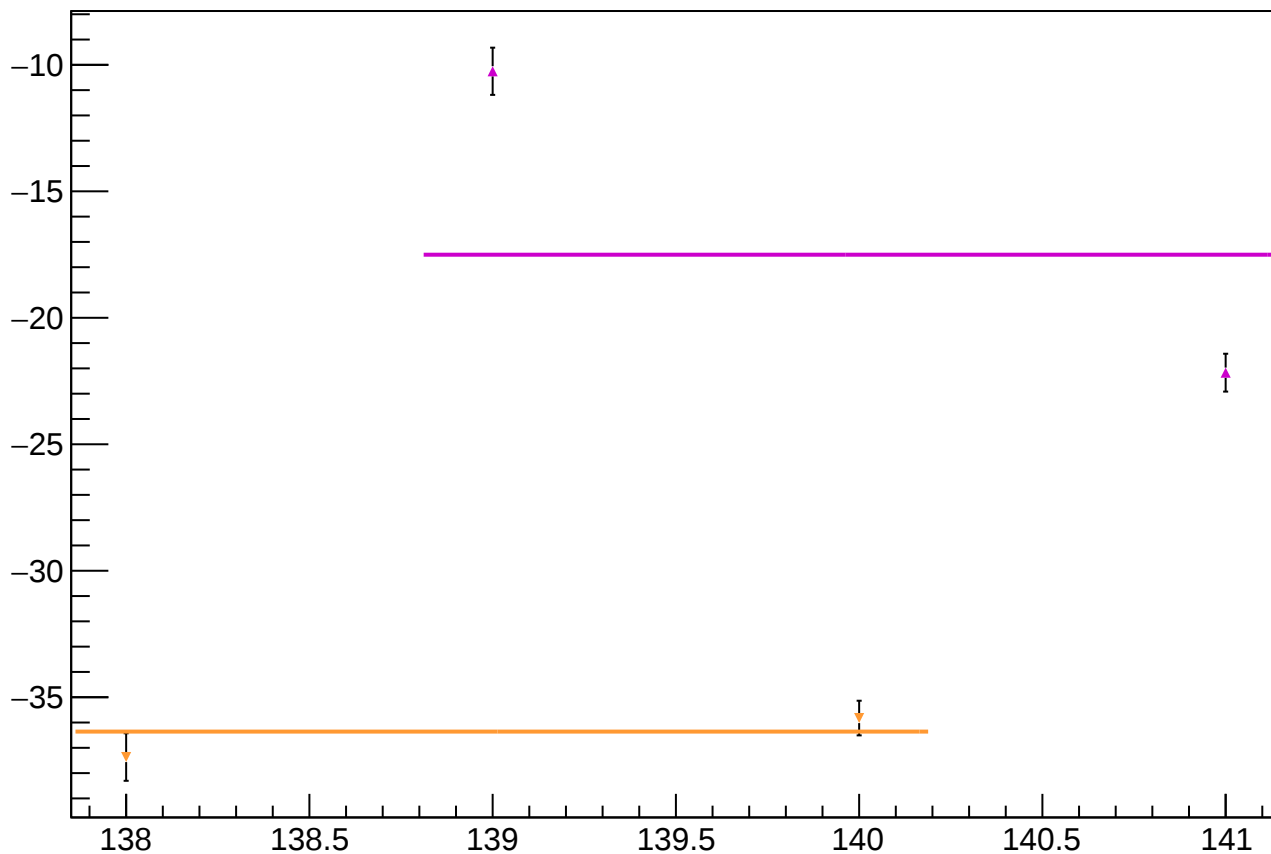
Right: -0.082+/-0.007 χ^2/NDF : 2216.5/34

In: 0.086+/-0.008 χ^2/NDF :1335.4/18

Out: 0.022+/-0.008 χ^2/NDF :1702.7/19

All: 0.055+/-0.006 χ^2/NDF : 3071.4/38

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: -36.358+/-0.553 χ^2/NDF :1.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.506+/-0.584 χ^2/NDF :99.2/1

Left: -27.435+/-0.402 χ^2/NDF : 650.3/3

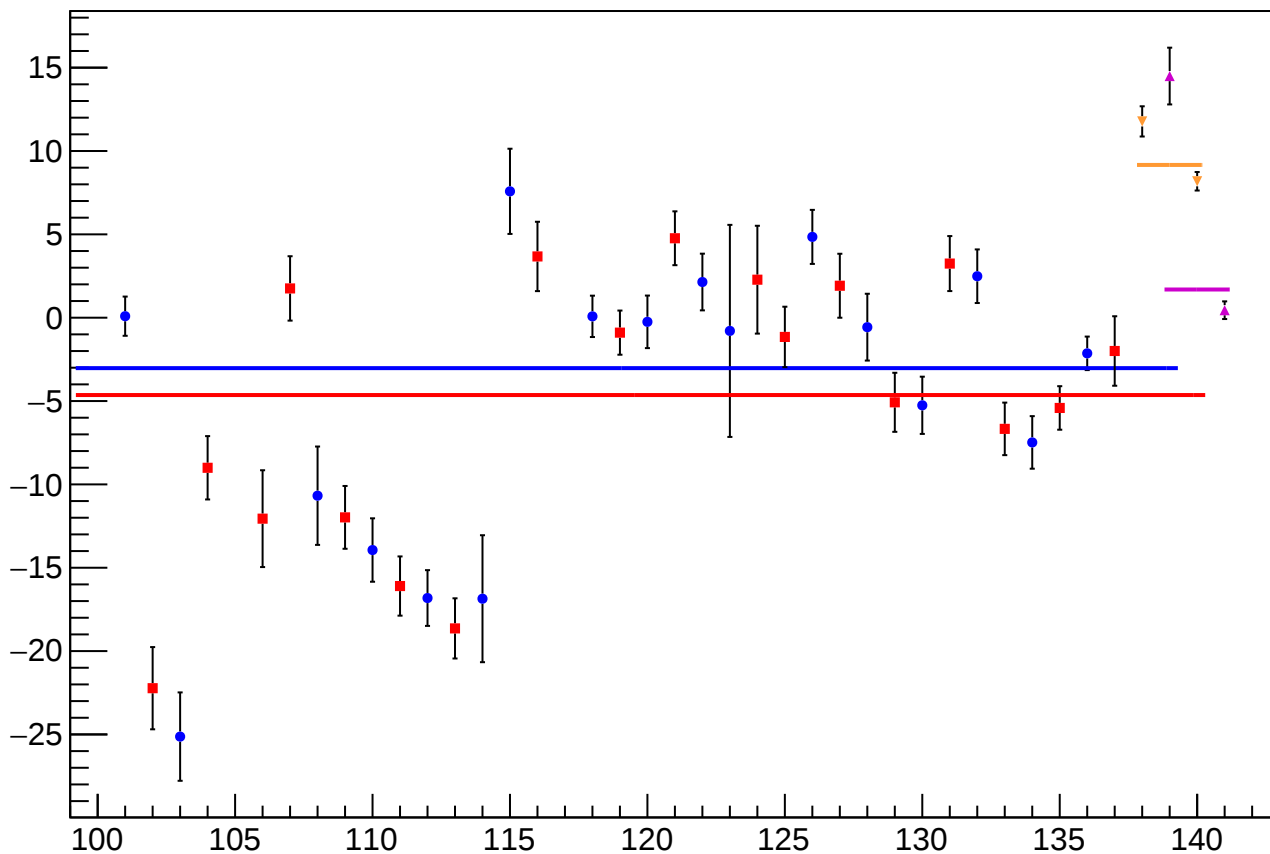
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.506+/-0.584 χ^2/NDF :99.2/1

Out: -36.358+/-0.553 χ^2/NDF :1.8/1

All: -27.435+/-0.402 χ^2/NDF : 650.3/3

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 9.164 ± 0.473 χ^2/NDF : 11.4/1

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 1.691 ± 0.506 χ^2/NDF : 62.0/1

Left: 5.677 ± 0.346 χ^2/NDF : 189.7/3

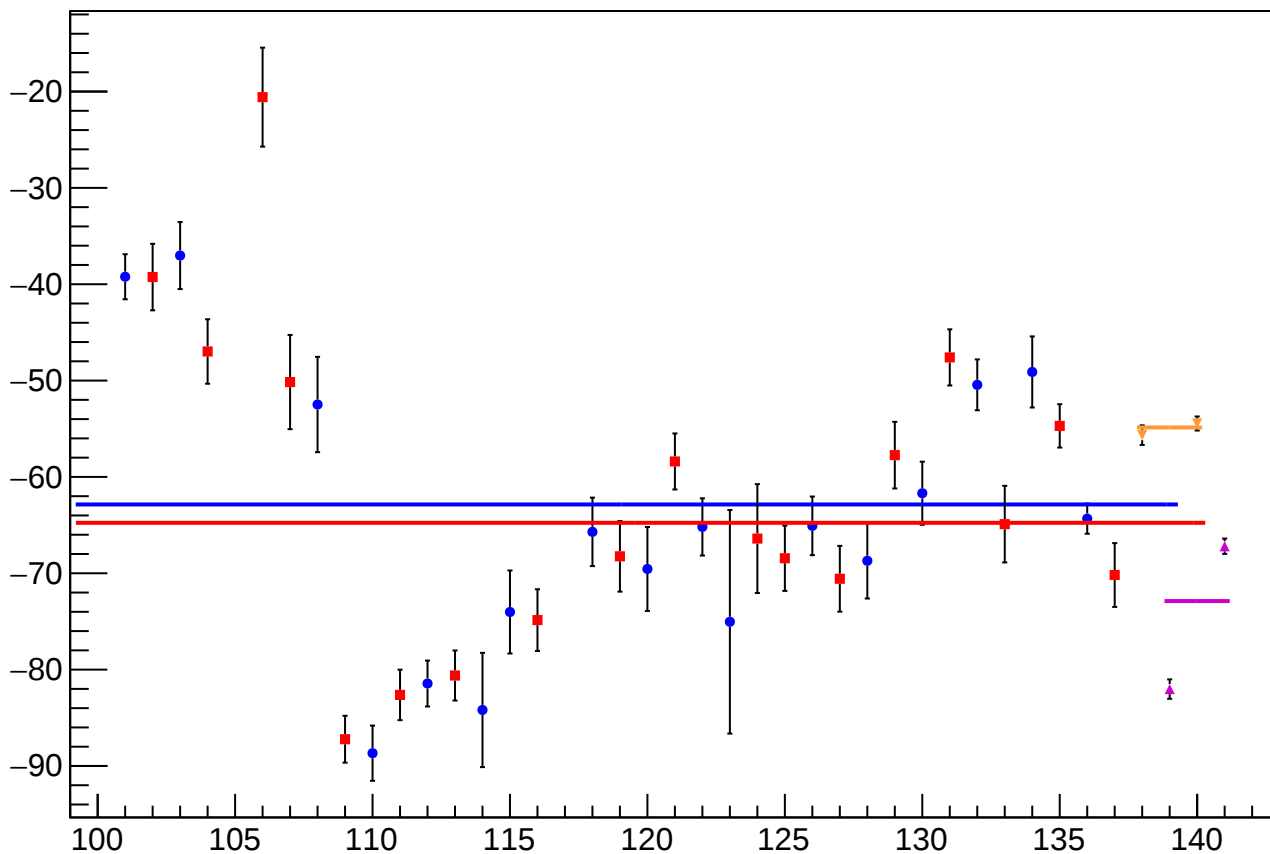
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -1.167 ± 0.318 χ^2/NDF : 395.3/18

Out: 1.545 ± 0.317 χ^2/NDF : 775.4/19

All: 0.192 ± 0.224 χ^2/NDF : 1207.2/38

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -54.864 $\pm$ 0.593 χ^2 /NDF: 0.9/1

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -72.885 $\pm$ 0.625 χ^2 /NDF: 133.1/1

Left: -63.403 $\pm$ 0.430 χ^2 /NDF: 571.9/3

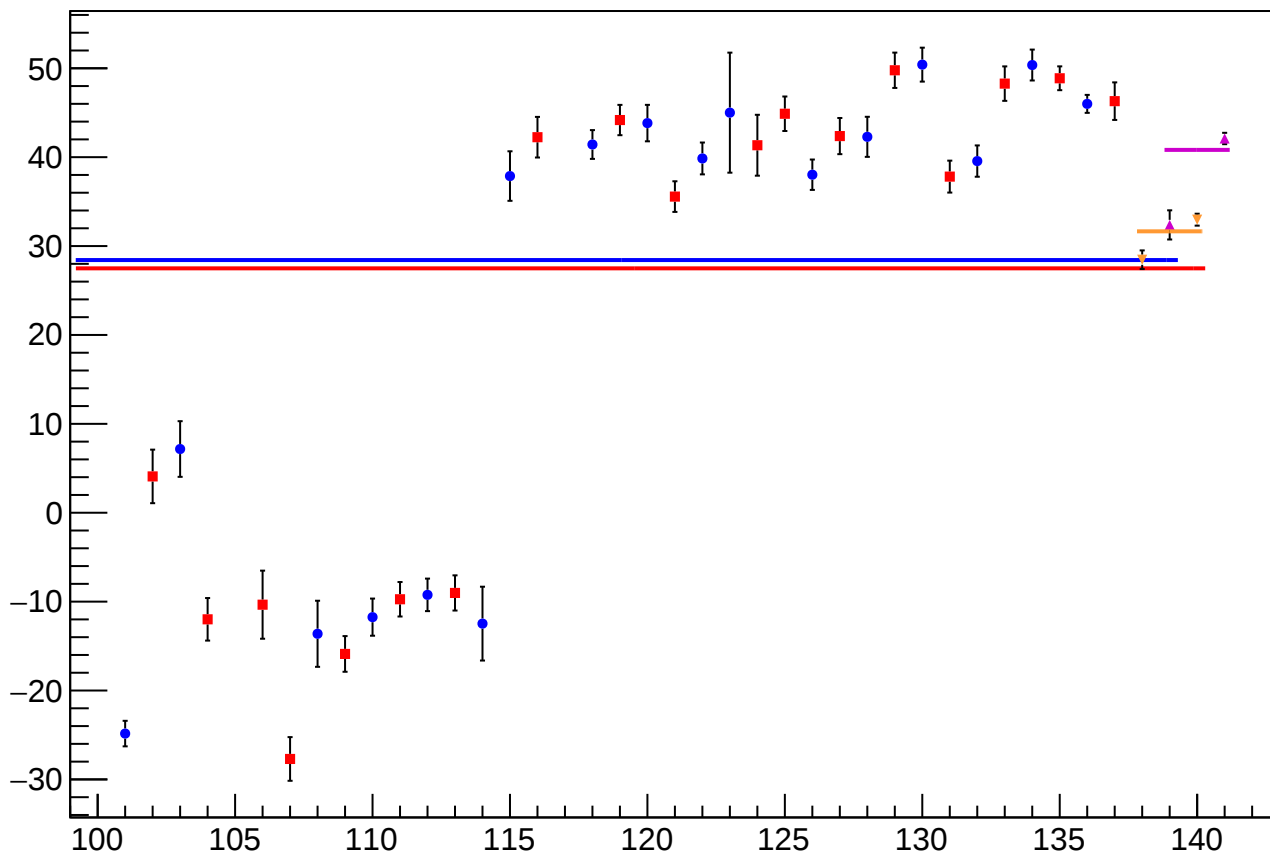
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -68.706 $\pm$ 0.477 χ^2 /NDF: 608.2/18

Out: -58.651 $\pm$ 0.466 χ^2 /NDF: 523.7/19

All: -63.558 $\pm$ 0.333 χ^2 /NDF: 1359.4/38

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: 31.657 $\pm$ 0.565 χ^2 /NDF:13.1/1

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.819 $\pm$ 0.596 χ^2 /NDF:30.5/1

Left: 35.998 $\pm$ 0.410 χ^2 /NDF: 168.0/3

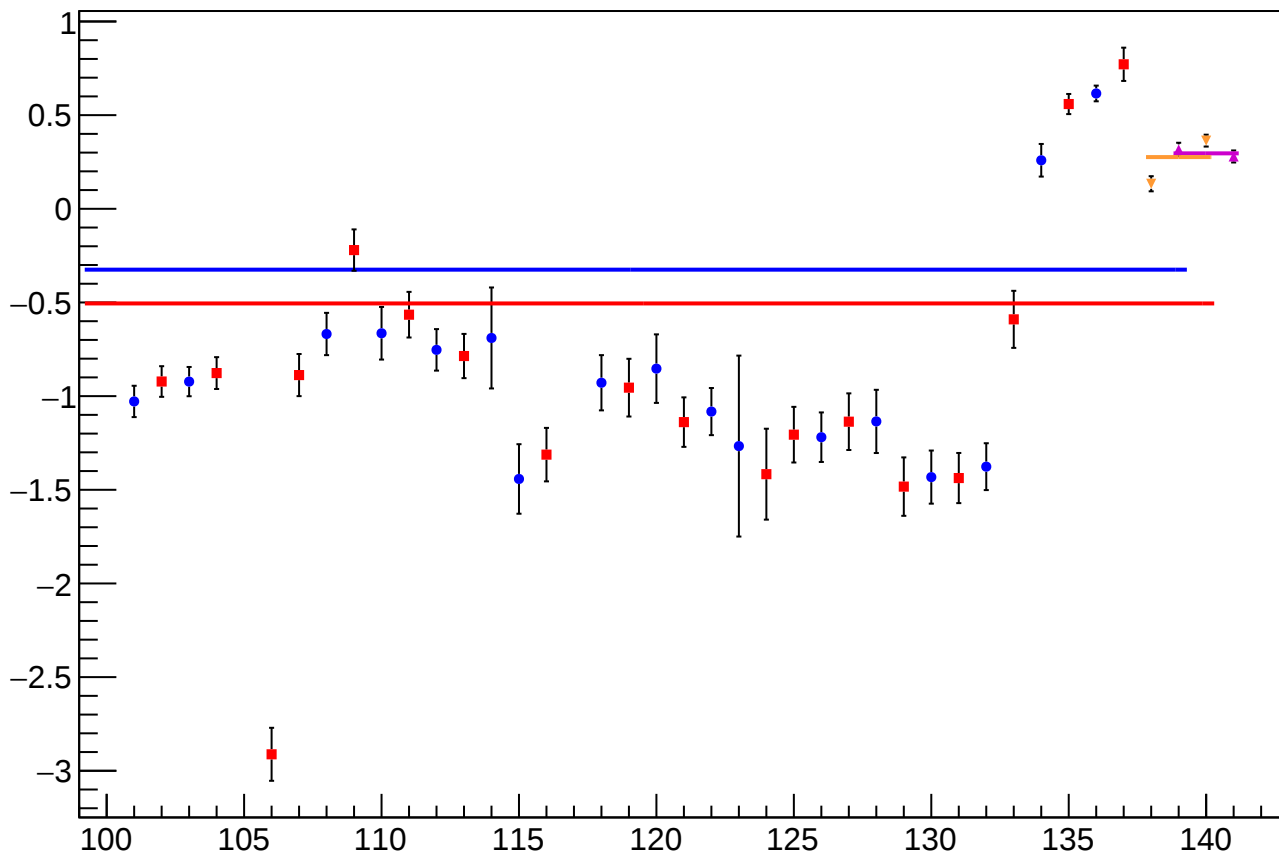
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 33.026 $\pm$ 0.363 χ^2 /NDF:3624.9/18

Out: 29.231 $\pm$ 0.365 χ^2 /NDF:3072.4/19

All: 31.141 $\pm$ 0.258 χ^2 /NDF: 6751.6/38

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: 0.276 ± 0.025 χ^2/NDF : 20.1/1

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.296 ± 0.024 χ^2/NDF : 0.6/1

Left: 0.286 ± 0.017 χ^2/NDF : 21.0/3

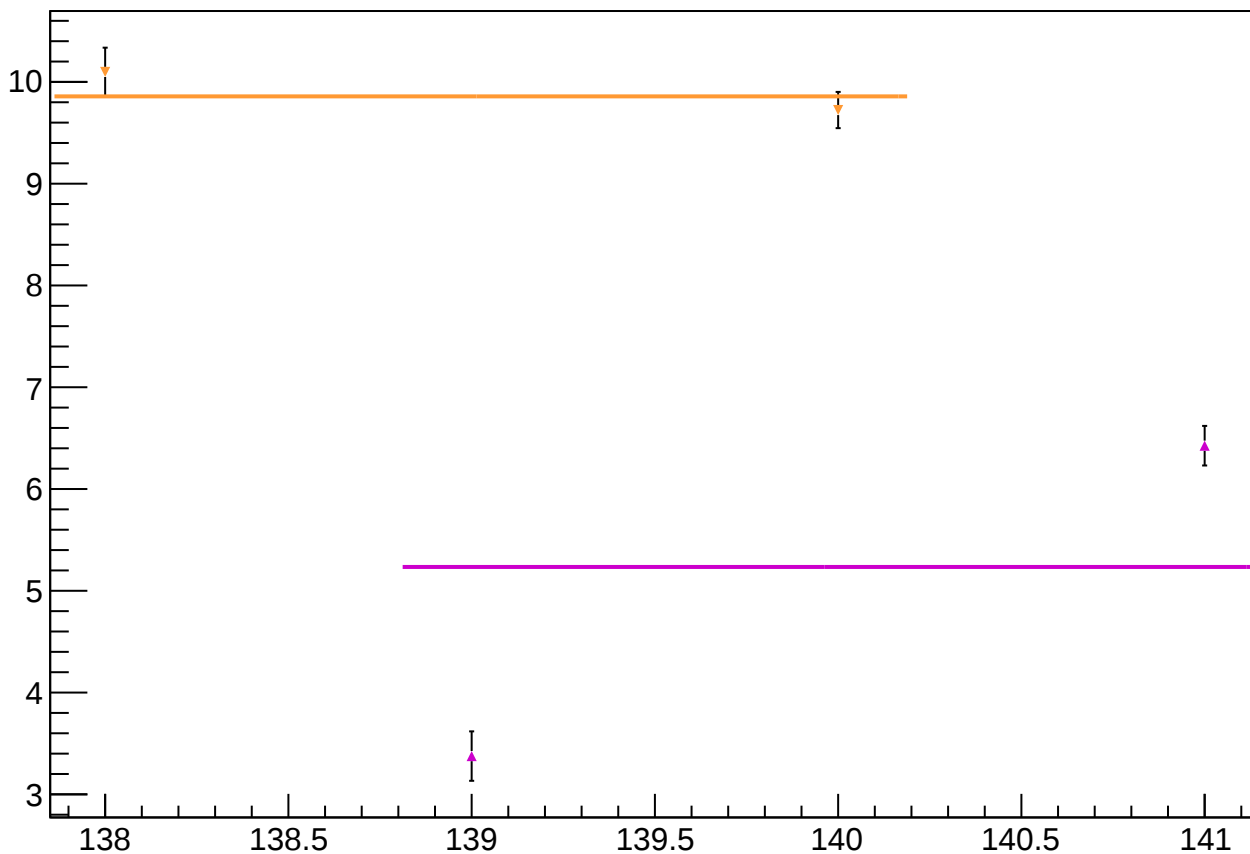
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: -0.002 ± 0.017 χ^2/NDF : 1335.0/18

Out: -0.102 ± 0.018 χ^2/NDF : 1657.4/19

All: -0.050 ± 0.012 χ^2/NDF : 3008.6/38

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: 9.858+/-0.143 χ^2/NDF :1.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.234+/-0.152 χ^2/NDF :96.1/1

Left: 7.690+/-0.104 χ^2/NDF : 590.5/3

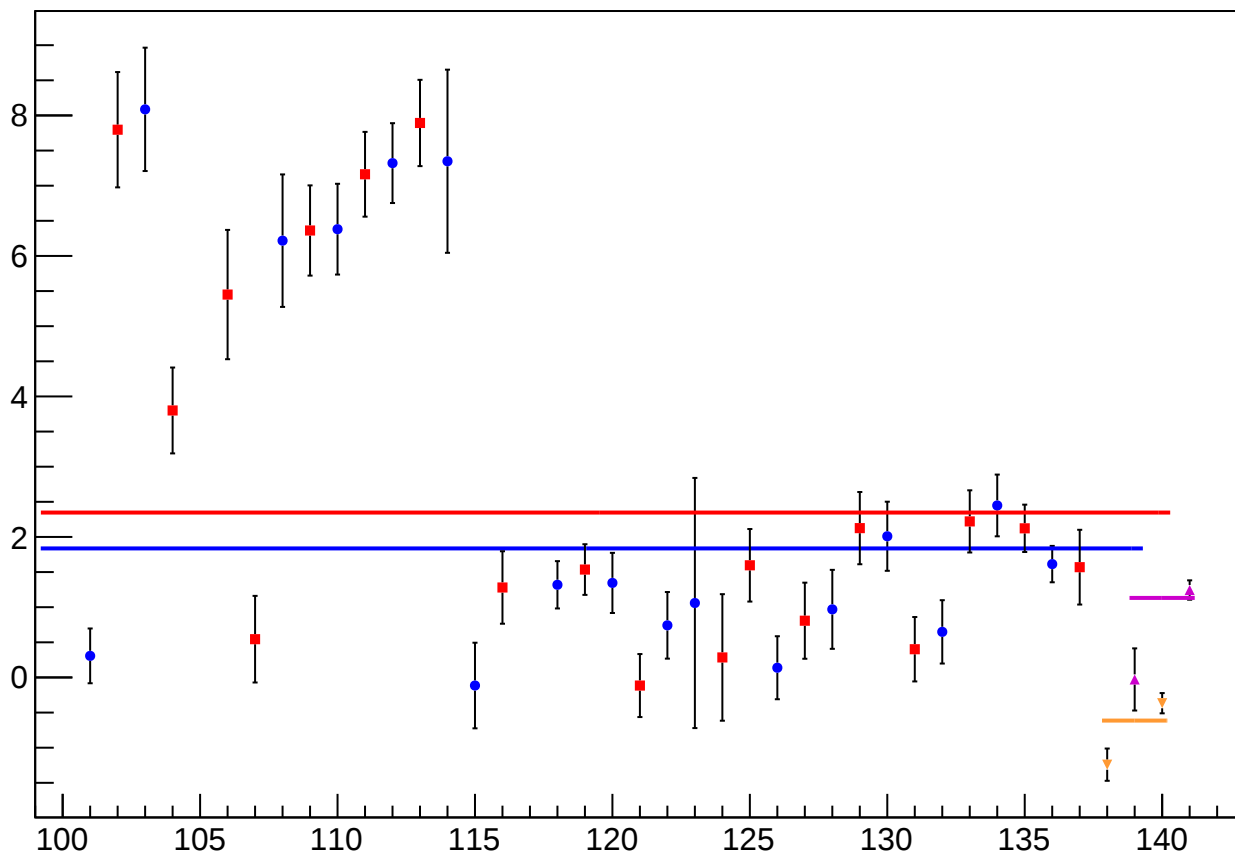
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.234+/-0.152 χ^2/NDF :96.1/1

Out: 9.858+/-0.143 χ^2/NDF :1.6/1

All: 7.690+/-0.104 χ^2/NDF : 590.5/3

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: -0.614 ± 0.122 χ^2/NDF : 10.4/1

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.132 ± 0.131 χ^2/NDF : 7.6/1

Left: 0.195 ± 0.089 χ^2/NDF : 112.6/3

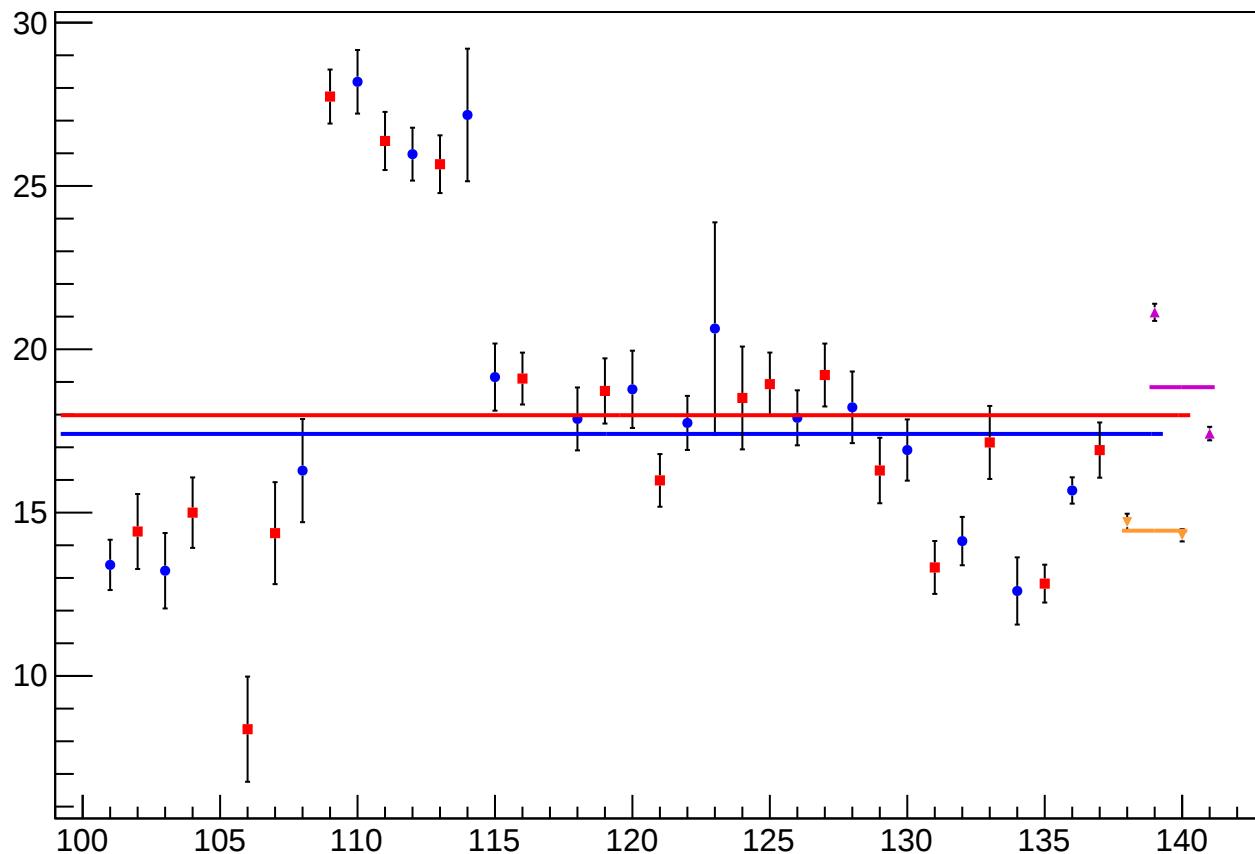
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.528 ± 0.087 χ^2/NDF : 317.8/18

Out: 0.862 ± 0.087 χ^2/NDF : 633.1/19

All: 1.193 ± 0.061 χ^2/NDF : 980.3/38

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: 14.447 $\pm$ 0.153 χ^2 /NDF:1.6/1

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 18.840 $\pm$ 0.162 χ^2 /NDF:123.4/1

Left: 16.510 $\pm$ 0.111 χ^2 /NDF: 513.1/3

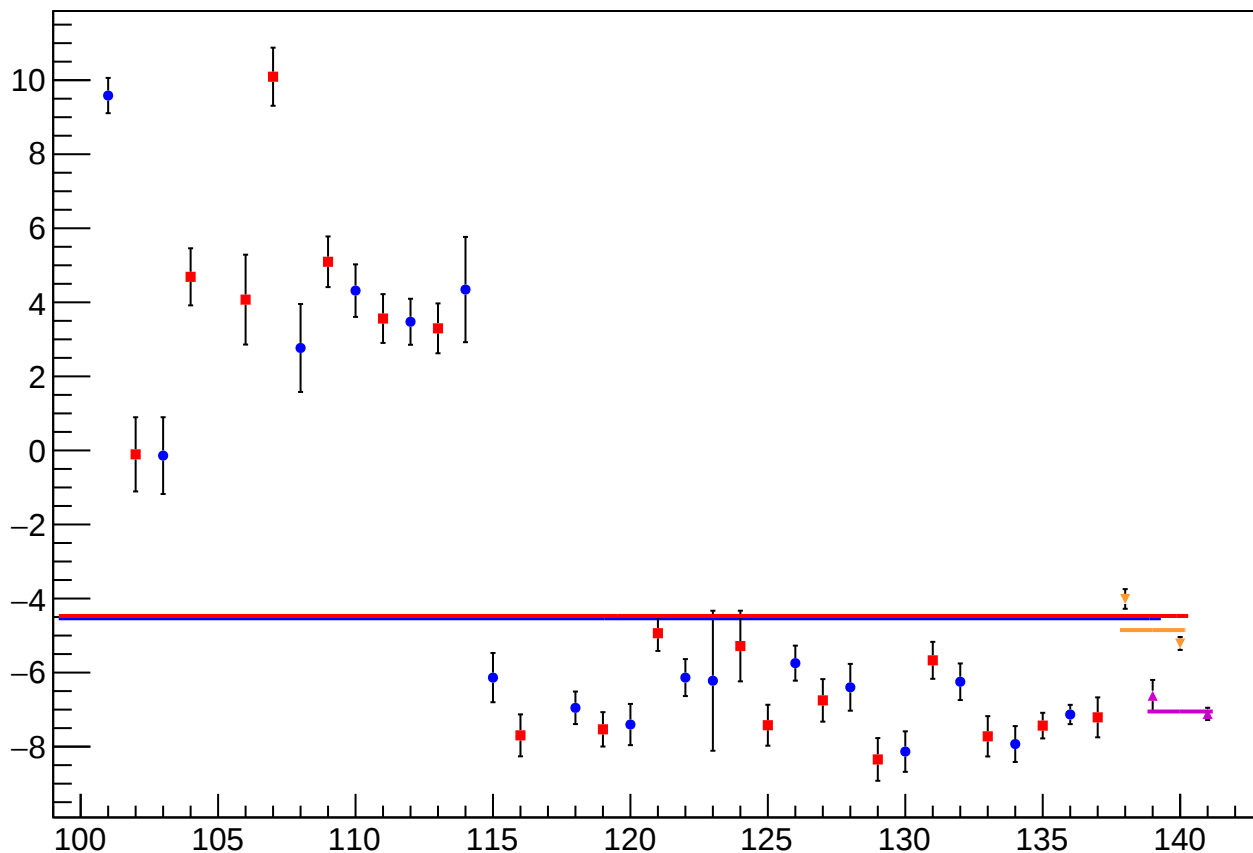
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 18.311 $\pm$ 0.129 χ^2 /NDF:517.2/18

Out: 15.602 $\pm$ 0.125 χ^2 /NDF:667.2/19

All: 16.919 $\pm$ 0.090 χ^2 /NDF: 1411.2/38

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -4.852 ± 0.146 χ^2/NDF : 14.3/1

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.051 ± 0.155 χ^2/NDF : 1.1/1

Left: -5.886 ± 0.106 χ^2/NDF : 122.4/3

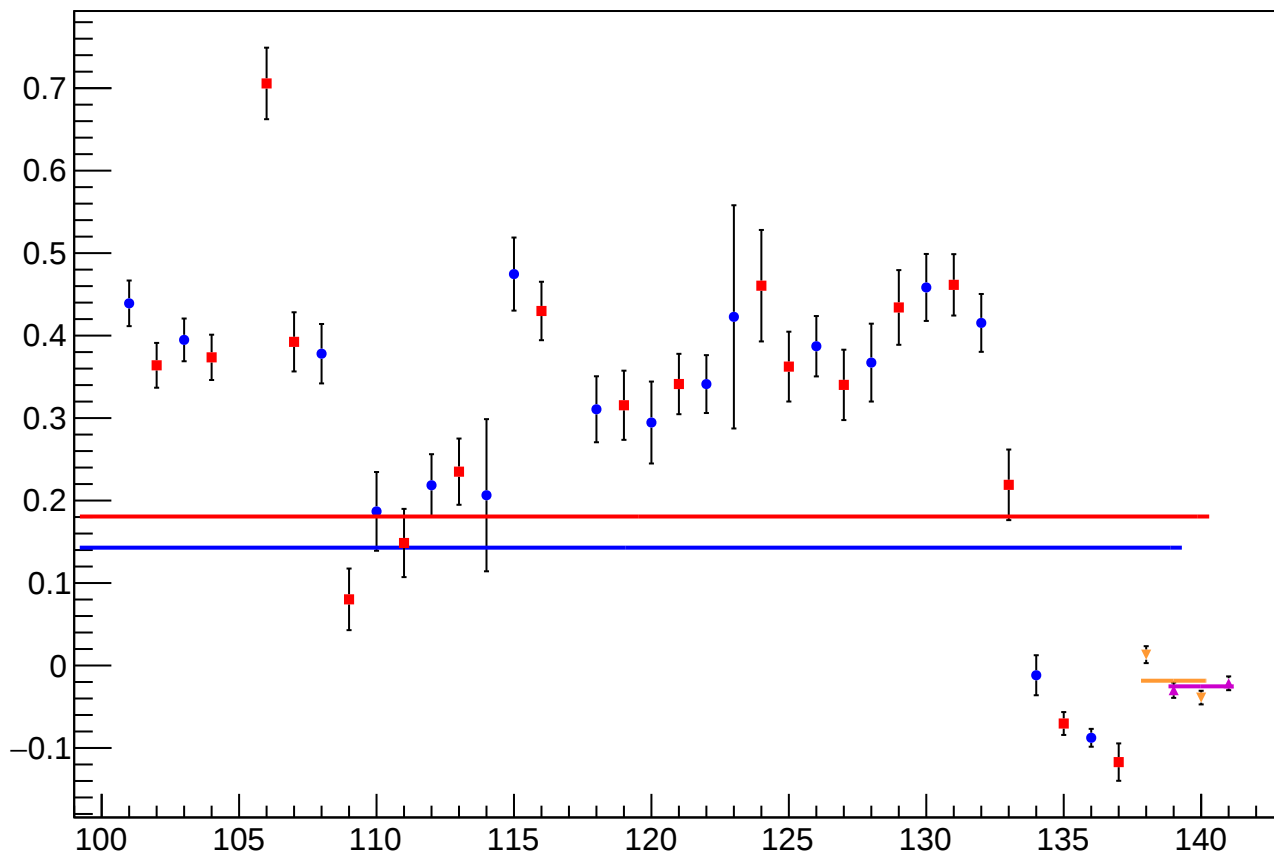
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -5.571 ± 0.099 χ^2/NDF : 1745.0/18

Out: -4.649 ± 0.100 χ^2/NDF : 1357.3/19

All: -5.112 ± 0.070 χ^2/NDF : 3145.1/38

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.018 $\pm$ 0.006 χ^2 /NDF:15.6/1

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: -0.025 $\pm$ 0.006 χ^2 /NDF:0.4/1

Left: -0.022 $\pm$ 0.004 χ^2 /NDF: 16.6/3

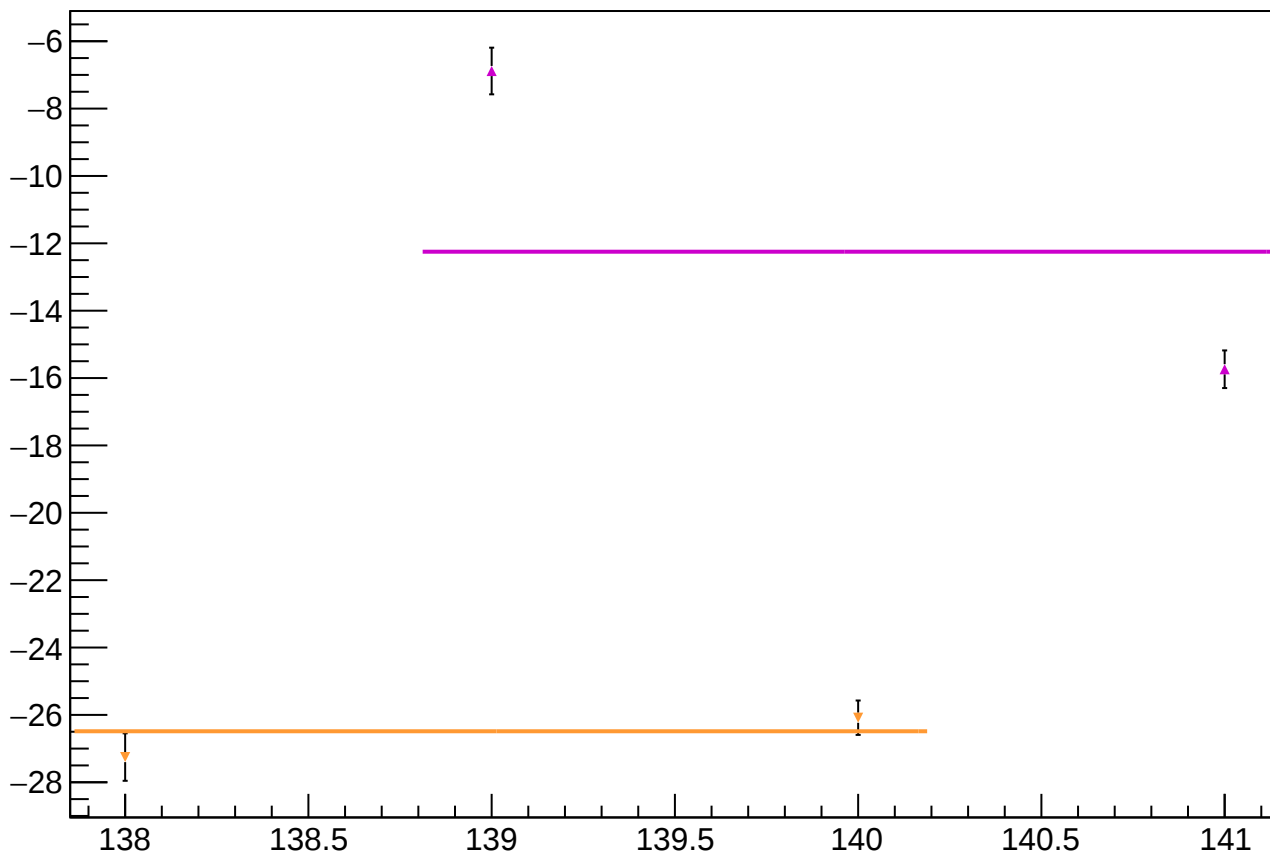
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.048 $\pm$ 0.005 χ^2 /NDF:1378.7/18

Out: 0.067 $\pm$ 0.005 χ^2 /NDF:1431.0/19

All: 0.057 $\pm$ 0.003 χ^2 /NDF: 2817.7/38

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: -26.486+/-0.413 χ^2/NDF :1.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.249+/-0.435 χ^2/NDF :99.0/1

Left: -19.726+/-0.300 χ^2/NDF : 663.8/3

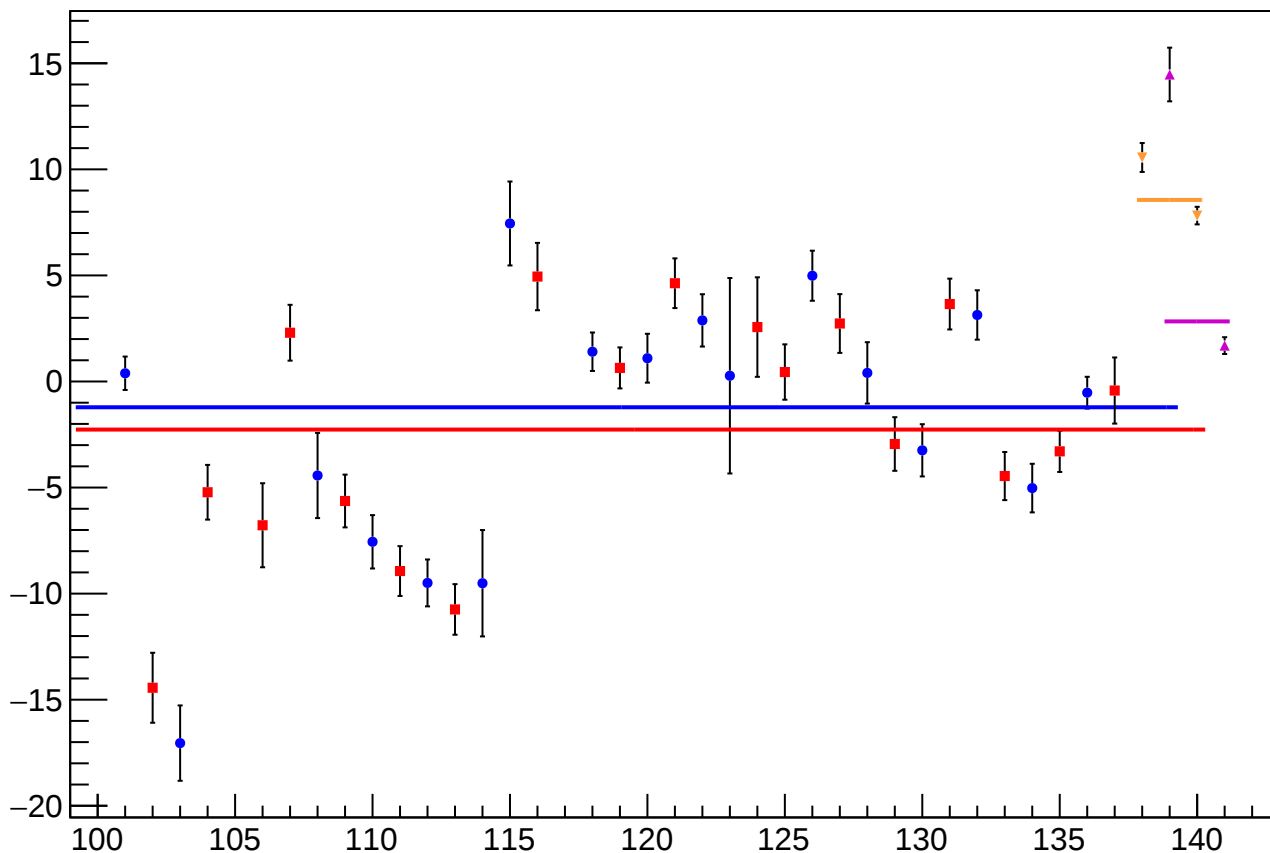
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.249+/-0.435 χ^2/NDF :99.0/1

Out: -26.486+/-0.413 χ^2/NDF :1.8/1

All: -19.726+/-0.300 χ^2/NDF : 663.8/3

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: 8.559 $\pm$ 0.354 χ^2 /NDF:11.8/1

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 2.832 $\pm$ 0.378 χ^2 /NDF:93.0/1

Left: 5.883 $\pm$ 0.258 χ^2 /NDF: 227.2/3

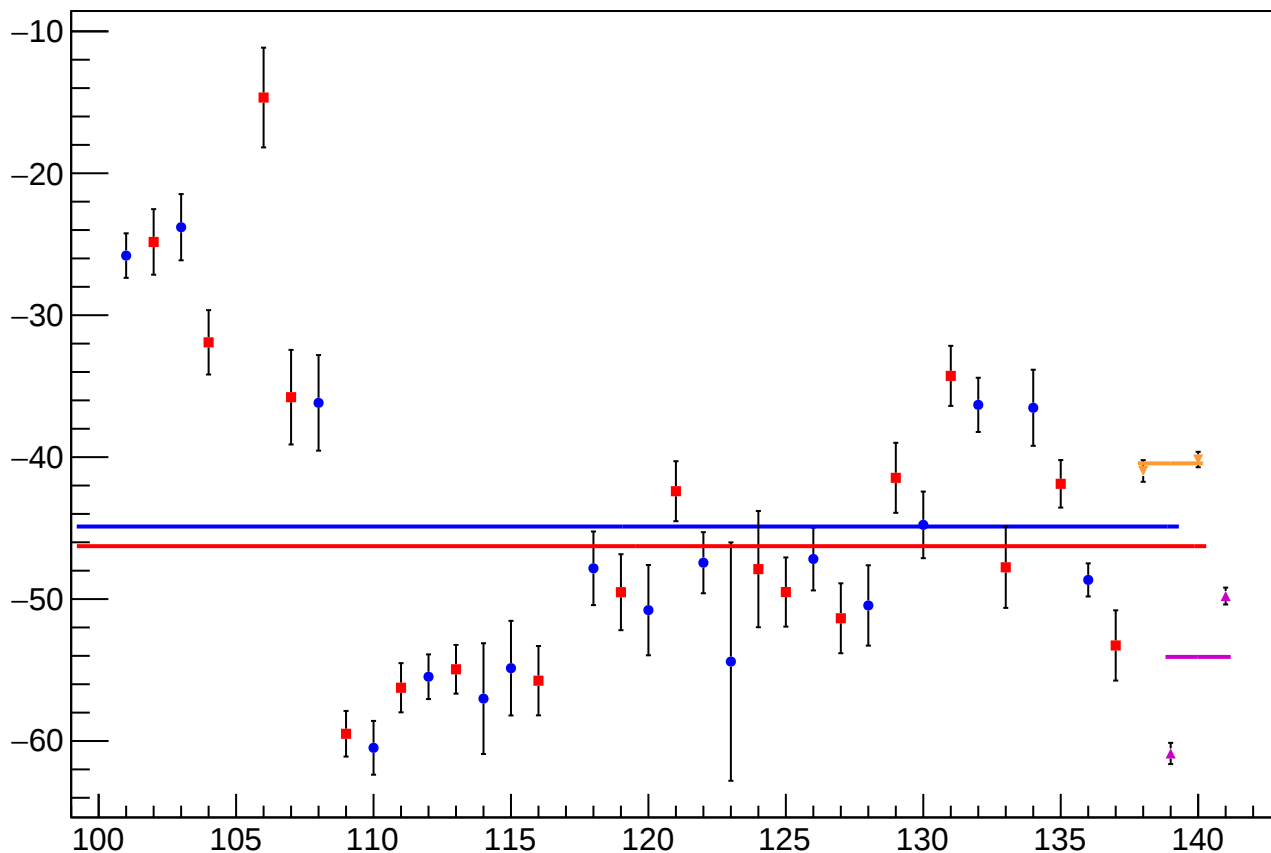
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 0.288 $\pm$ 0.230 χ^2 /NDF:443.8/18

Out: 2.304 $\pm$ 0.230 χ^2 /NDF:836.6/19

All: 1.297 $\pm$ 0.163 χ^2 /NDF: 1318.8/38

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: -40.439 ± 0.443 χ^2/NDF : 0.7/1

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -54.073 ± 0.465 χ^2/NDF : 134.7/1

Left: -46.919 ± 0.321 χ^2/NDF : 585.9/3

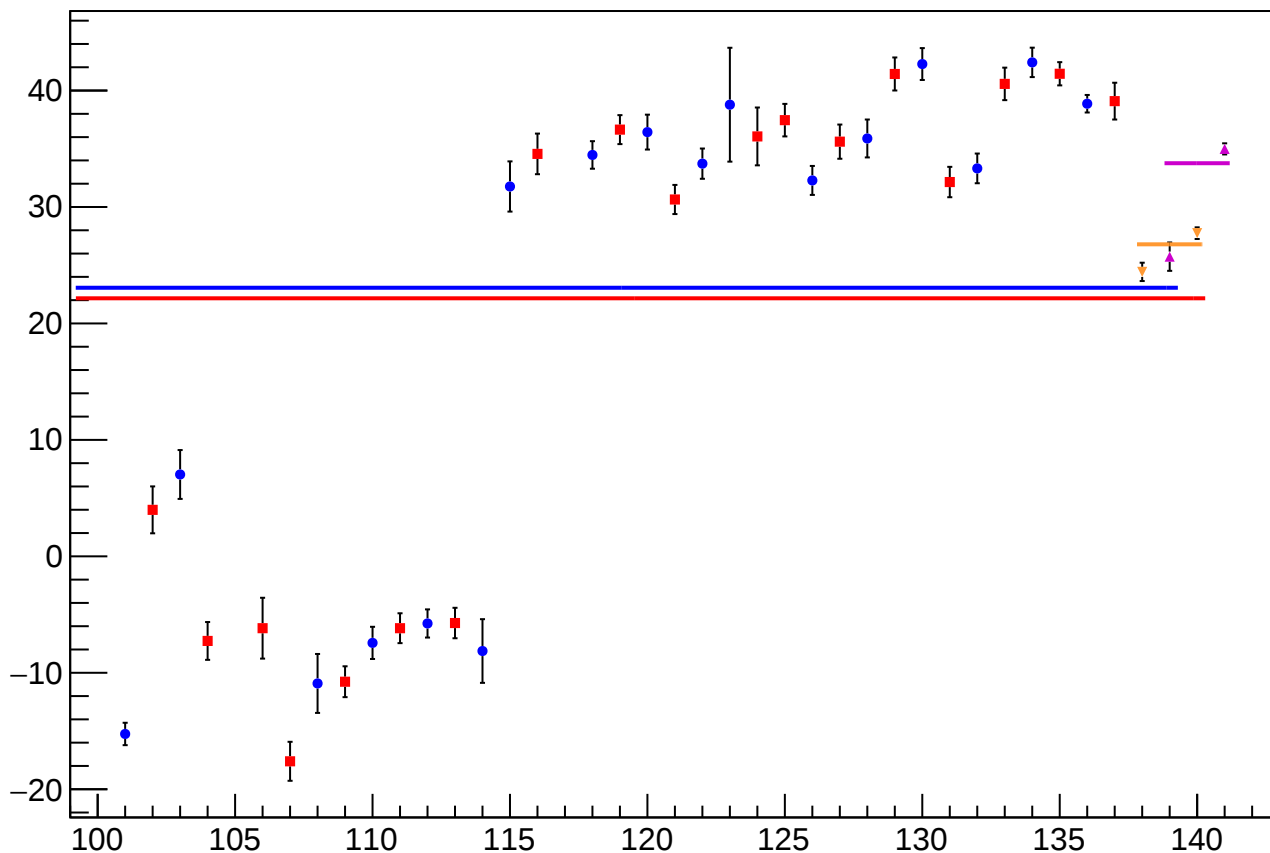
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -50.017 ± 0.348 χ^2/NDF : 727.2/18

Out: -42.840 ± 0.340 χ^2/NDF : 492.7/19

All: -46.345 ± 0.243 χ^2/NDF : 1437.8/38

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: 26.795 $\pm$ 0.423 χ^2 /NDF:12.7/1

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.759 $\pm$ 0.445 χ^2 /NDF:50.0/1

Left: 30.100 $\pm$ 0.306 χ^2 /NDF: 191.6/3

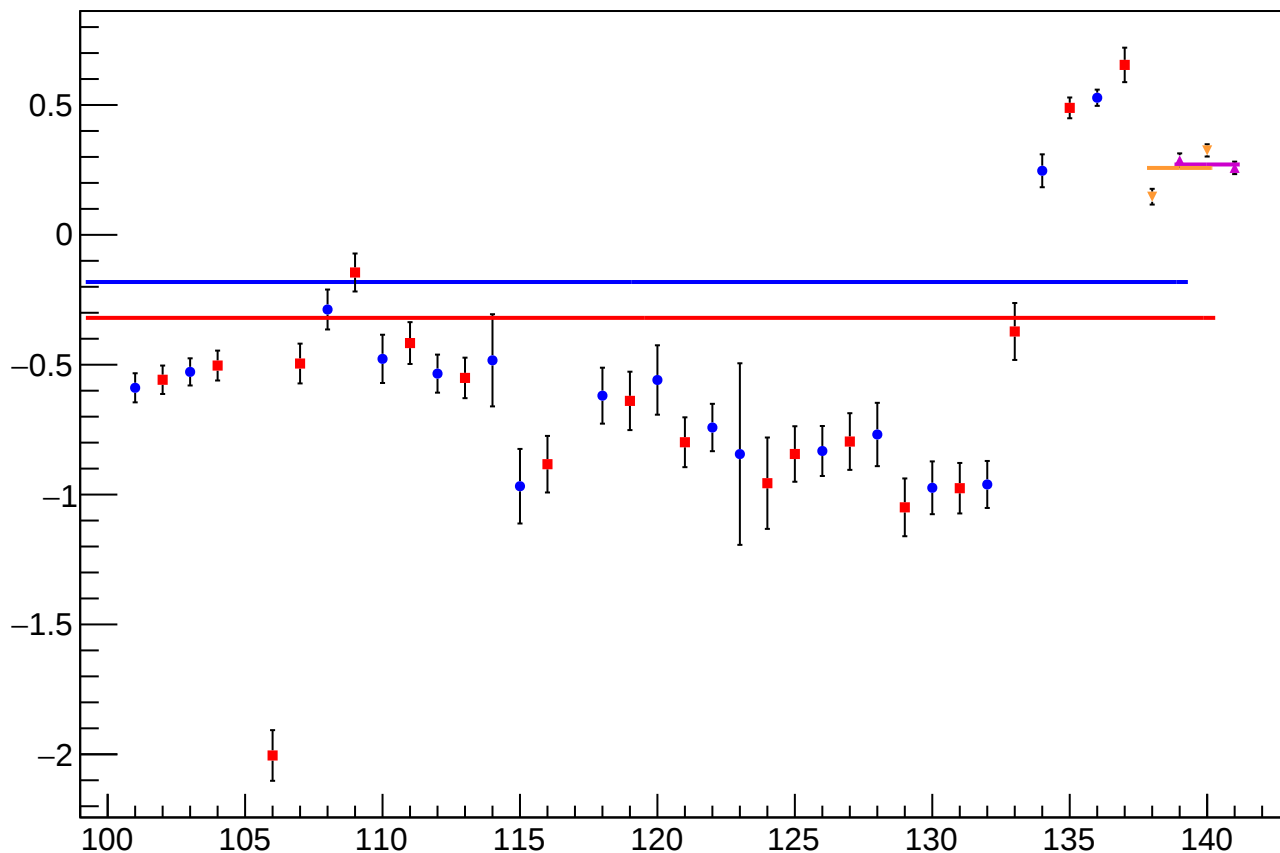
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 26.813 $\pm$ 0.263 χ^2 /NDF:4759.2/18

Out: 23.981 $\pm$ 0.265 χ^2 /NDF:4111.3/19

All: 25.406 $\pm$ 0.187 χ^2 /NDF: 8928.0/38

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: 0.258 ± 0.019 χ^2/NDF : 21.5/1

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.271 ± 0.018 χ^2/NDF : 0.7/1

Left: 0.265 ± 0.013 χ^2/NDF : 22.4/3

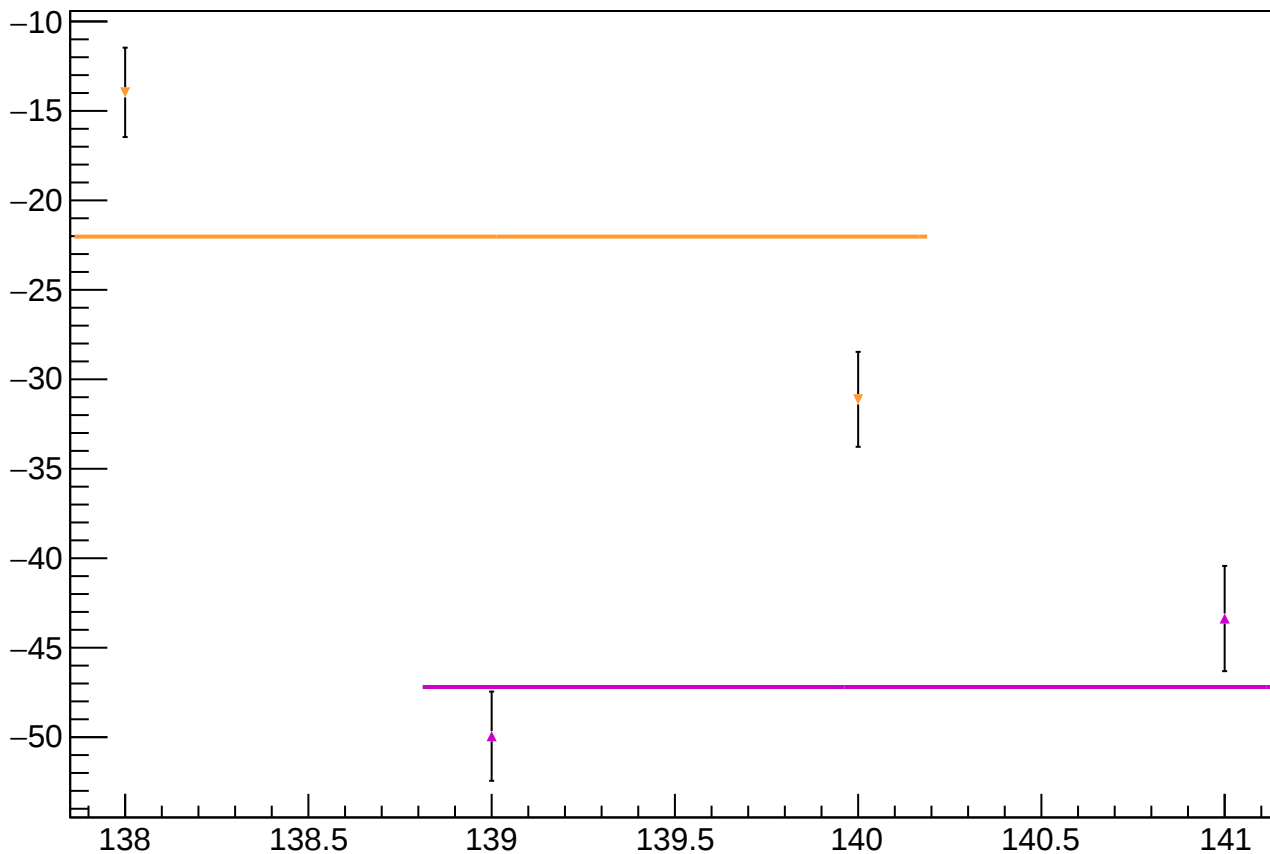
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.043 ± 0.013 χ^2/NDF : 1321.1/18

Out: -0.038 ± 0.013 χ^2/NDF : 1689.4/19

All: 0.004 ± 0.009 χ^2/NDF : 3030.6/38

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.025+/-1.819 χ^2/NDF :22.2/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.195+/-1.902 χ^2/NDF :2.9/1

Left: -34.049+/-1.314 χ^2/NDF : 116.6/3

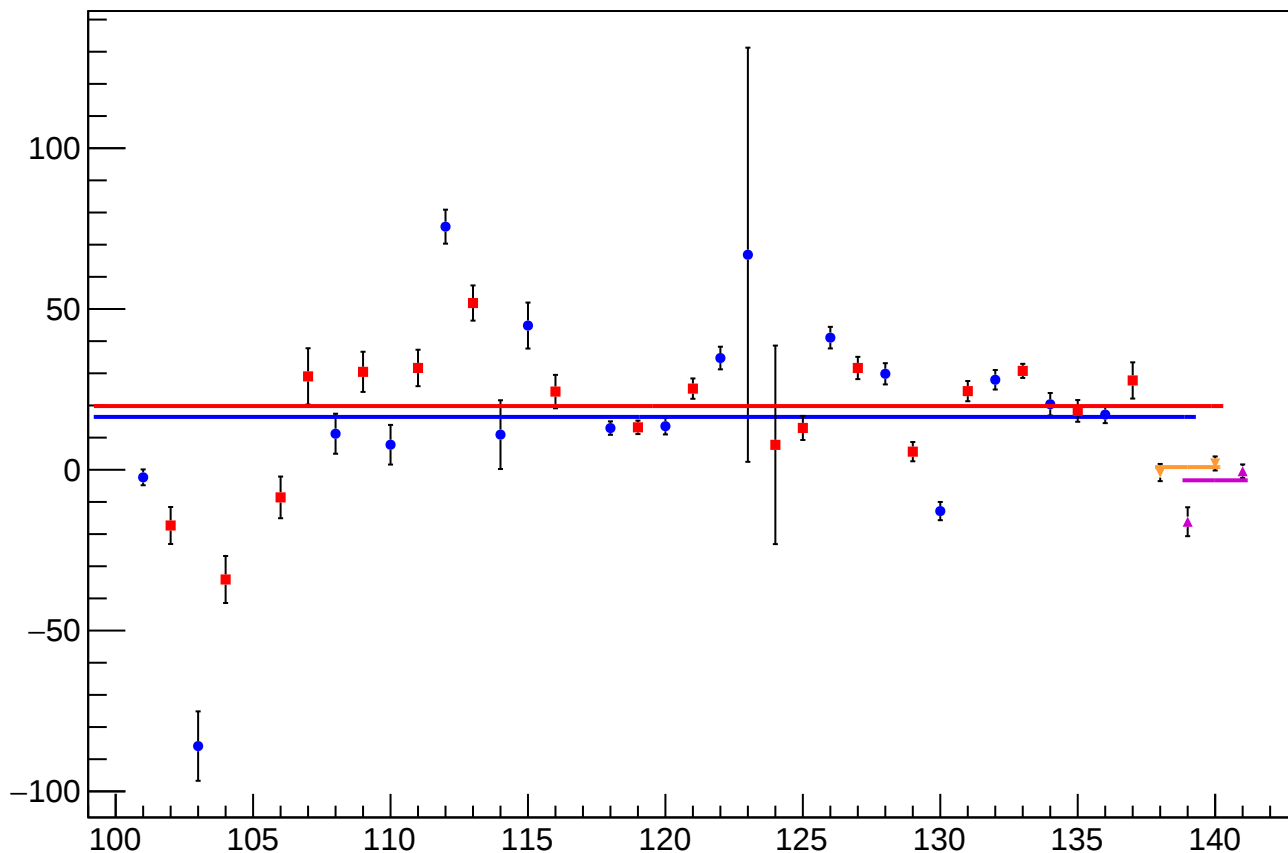
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.195+/-1.902 χ^2/NDF :2.9/1

Out: -22.025+/-1.819 χ^2/NDF :22.2/1

All: -34.049+/-1.314 χ^2/NDF : 116.6/3

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 0.836 ± 1.692 $\chi^2/\text{NDF}: 0.7/1$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: -3.272 ± 1.909 $\chi^2/\text{NDF}: 10.0/1$

Left: -0.972 ± 1.266 $\chi^2/\text{NDF}: 13.3/3$

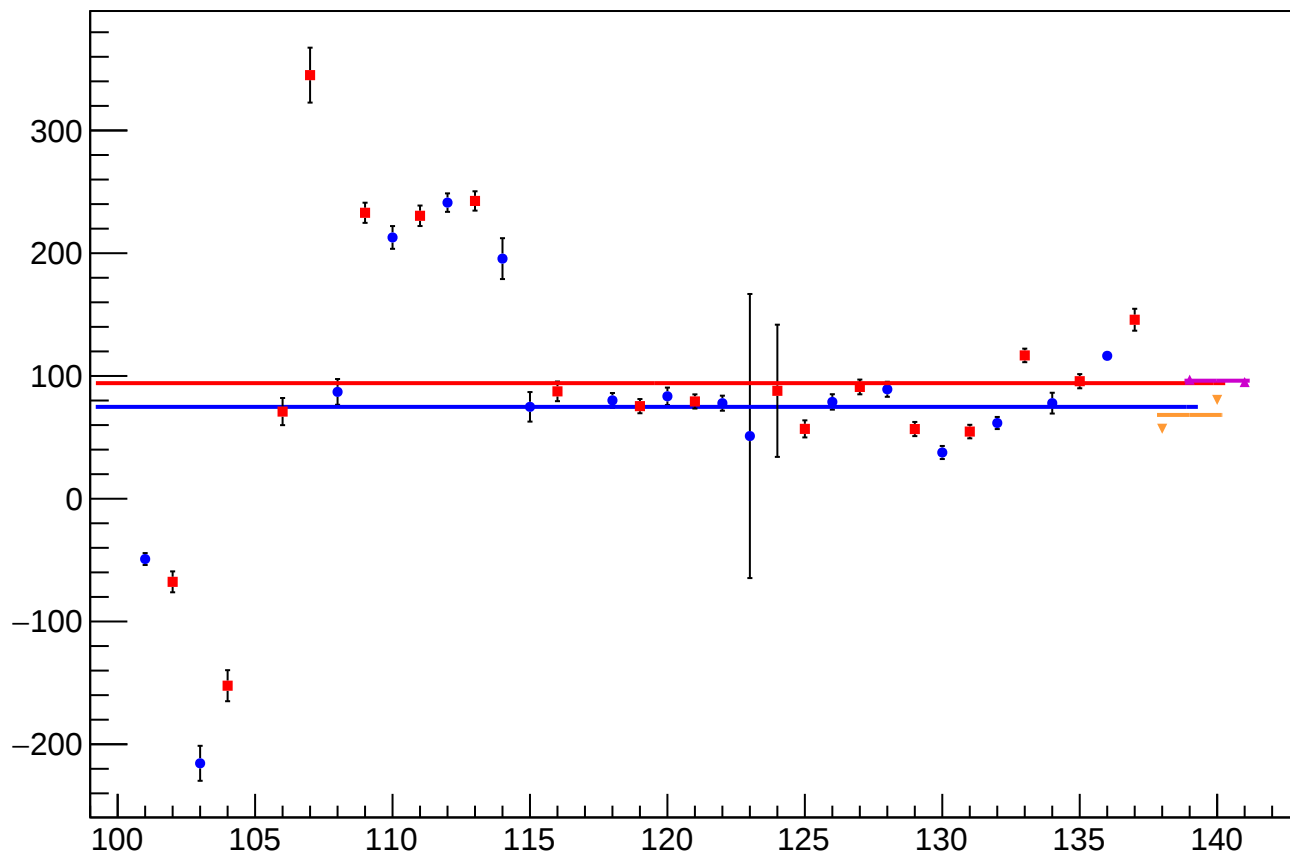
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 13.186 ± 0.775 $\chi^2/\text{NDF}: 616.0/18$

Out: 15.635 ± 0.794 $\chi^2/\text{NDF}: 337.2/19$

All: 14.381 ± 0.555 $\chi^2/\text{NDF}: 958.1/38$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 68.260 $\pm$ 1.956 χ^2 /NDF:36.0/1

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 96.157 $\pm$ 2.043 χ^2 /NDF:0.2/1

Left: 81.600 $\pm$ 1.413 χ^2 /NDF: 133.6/3

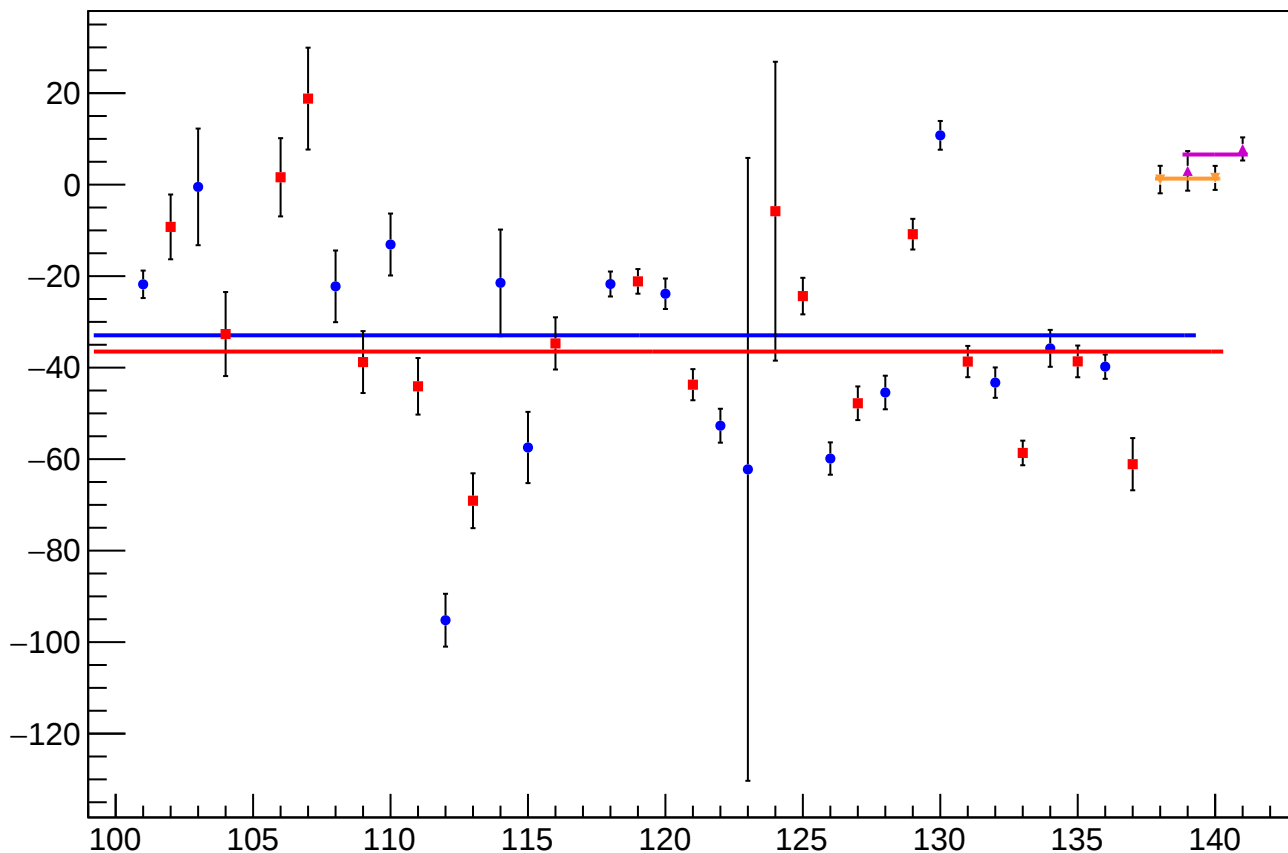
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 83.175 $\pm$ 1.278 χ^2 /NDF:2063.4/18

Out: 82.860 $\pm$ 1.292 χ^2 /NDF:2104.1/19

All: 83.019 $\pm$ 0.909 χ^2 /NDF: 4167.5/38

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 $\pm$ 0.973 χ^2/NDF : 490.7/16

Left Out: 1.318 $\pm$ 1.978 χ^2/NDF : 0.0/1

Right Out: -36.488 $\pm$ 1.027 χ^2/NDF : 293.2/17

Left In: 6.585 $\pm$ 2.184 χ^2/NDF : 0.9/1

Left: 3.692 $\pm$ 1.466 χ^2/NDF : 4.1/3

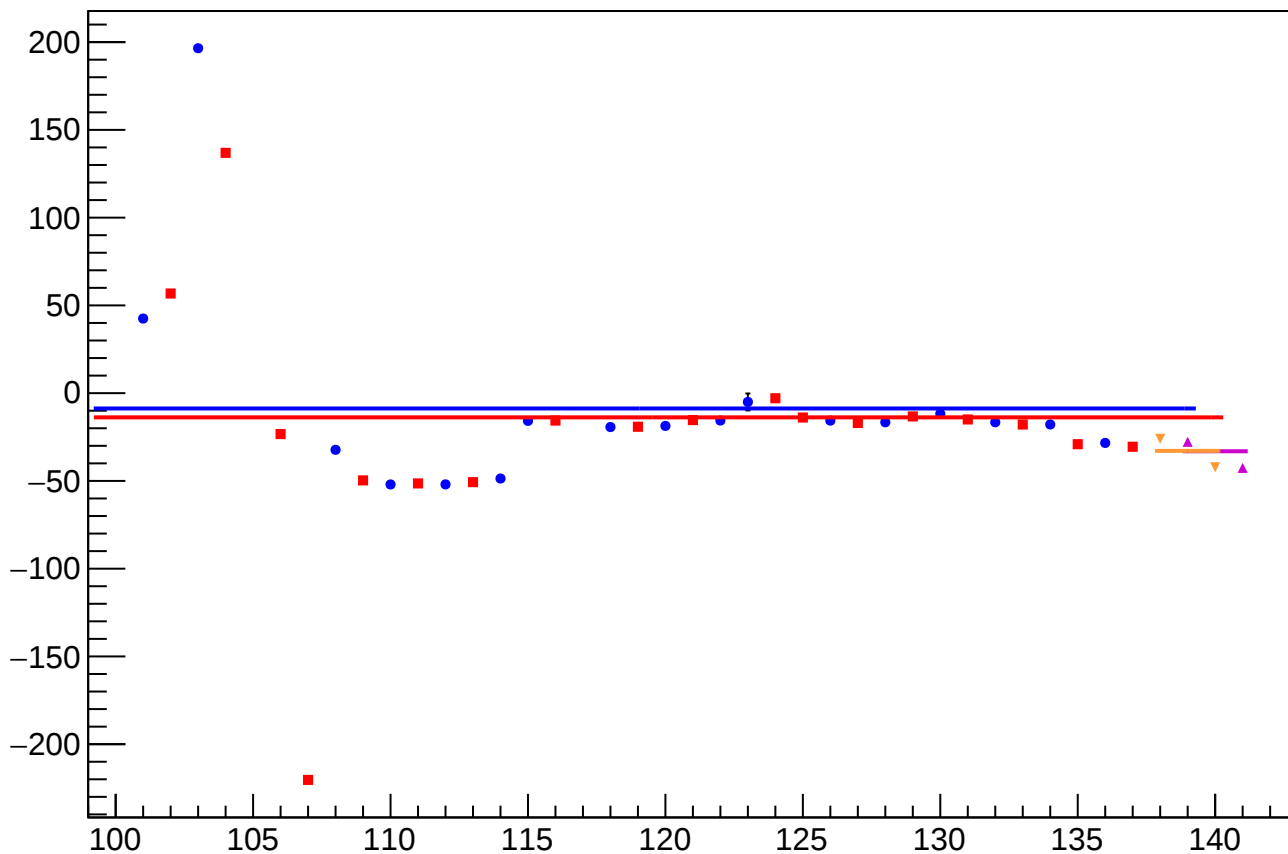
Right: -34.617 $\pm$ 0.706 χ^2/NDF : 790.3/34

In: -26.385 $\pm$ 0.889 χ^2/NDF : 764.9/18

Out: -28.464 $\pm$ 0.911 χ^2/NDF : 581.0/19

All: -27.399 $\pm$ 0.636 χ^2/NDF : 1348.6/38

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: -32.877 ± 0.080 $\chi^2/\text{NDF}: 10047.9/1$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -33.102 ± 0.076 $\chi^2/\text{NDF}: 8860.5/1$

Left: -32.995 ± 0.055 $\chi^2/\text{NDF}: 18912.6/3$

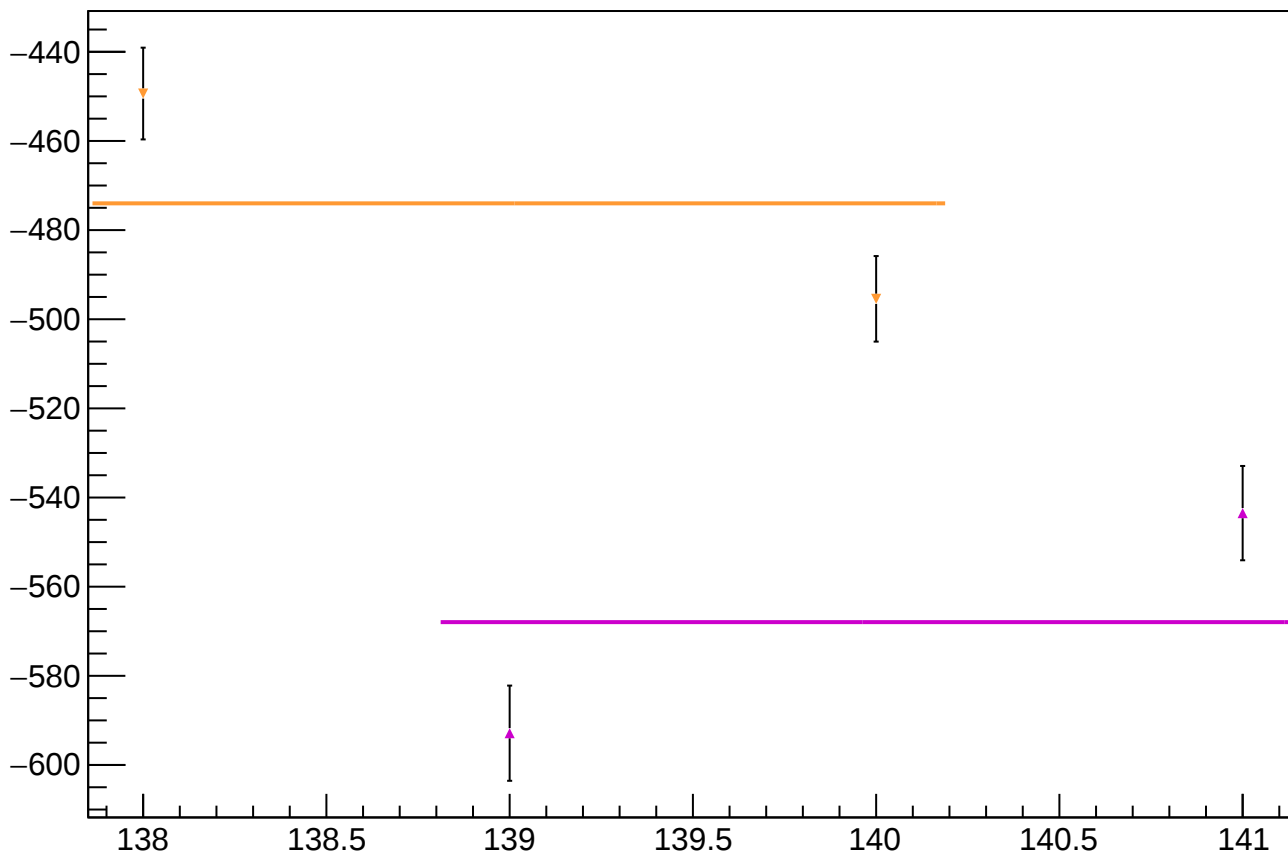
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -17.877 ± 0.047 $\chi^2/\text{NDF}: 649093.5/18$

Out: -20.970 ± 0.049 $\chi^2/\text{NDF}: 594943.9/19$

All: -19.341 ± 0.034 $\chi^2/\text{NDF}: 1246131.3/38$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -473.999+/-7.019 χ^2/NDF :10.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -567.954+/-7.517 χ^2/NDF :10.8/1

Left: -517.767+/-5.130 χ^2/NDF : 105.0/3

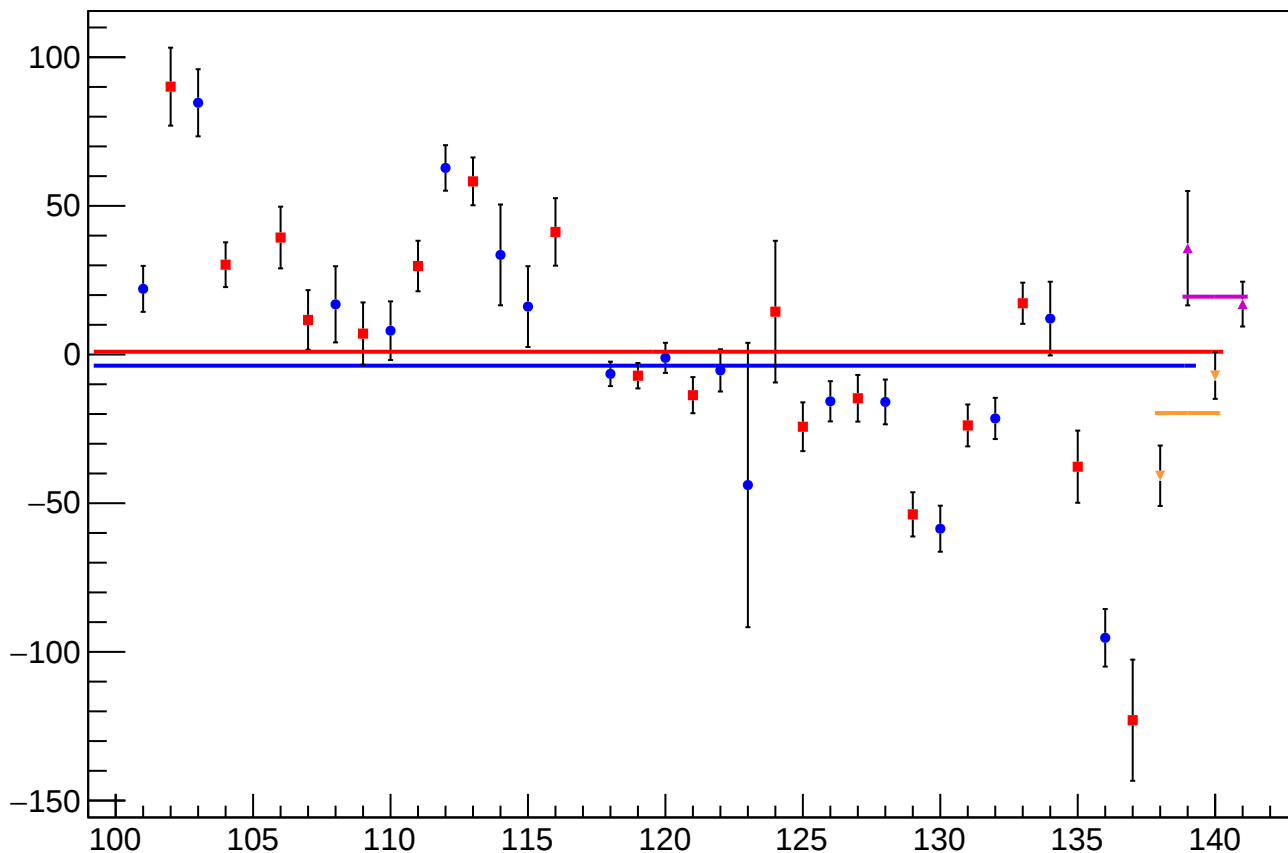
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -567.954+/-7.517 χ^2/NDF :10.8/1

Out: -473.999+/-7.019 χ^2/NDF :10.7/1

All: -517.767+/-5.130 χ^2/NDF : 105.0/3

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -19.653 ± 6.213 χ^2/NDF : 6.9/1

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 19.468 ± 7.016 χ^2/NDF : 0.8/1

Left: -2.460 ± 4.651 χ^2/NDF : 25.1/3

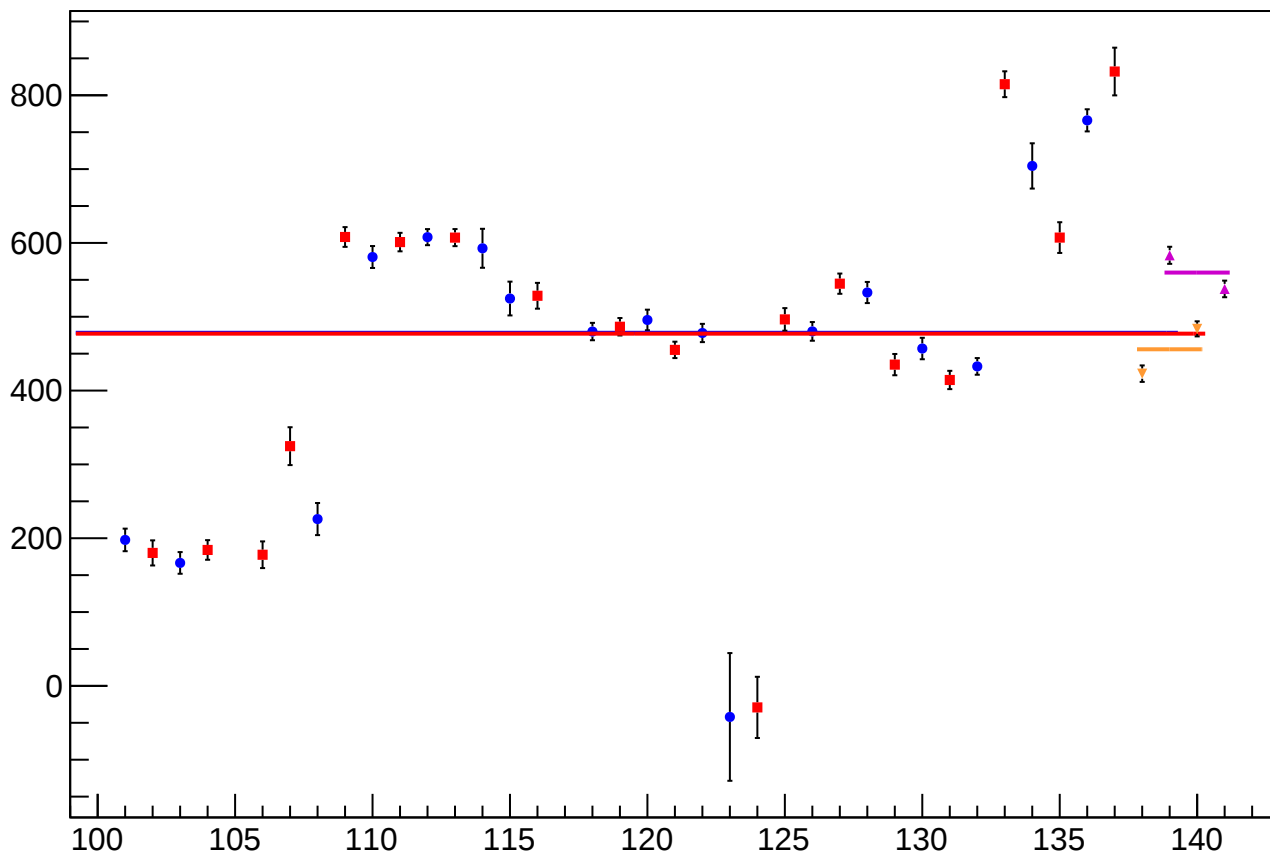
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -2.170 ± 1.827 χ^2/NDF : 325.1/18

Out: -0.844 ± 1.833 χ^2/NDF : 310.6/19

All: -1.509 ± 1.294 χ^2/NDF : 636.0/38

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: 455.926 $\pm$ 7.535 χ^2 /NDF:16.1/1

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 559.827 $\pm$ 8.063 χ^2 /NDF:8.0/1

Left: 504.363 $\pm$ 5.506 χ^2 /NDF: 112.7/3

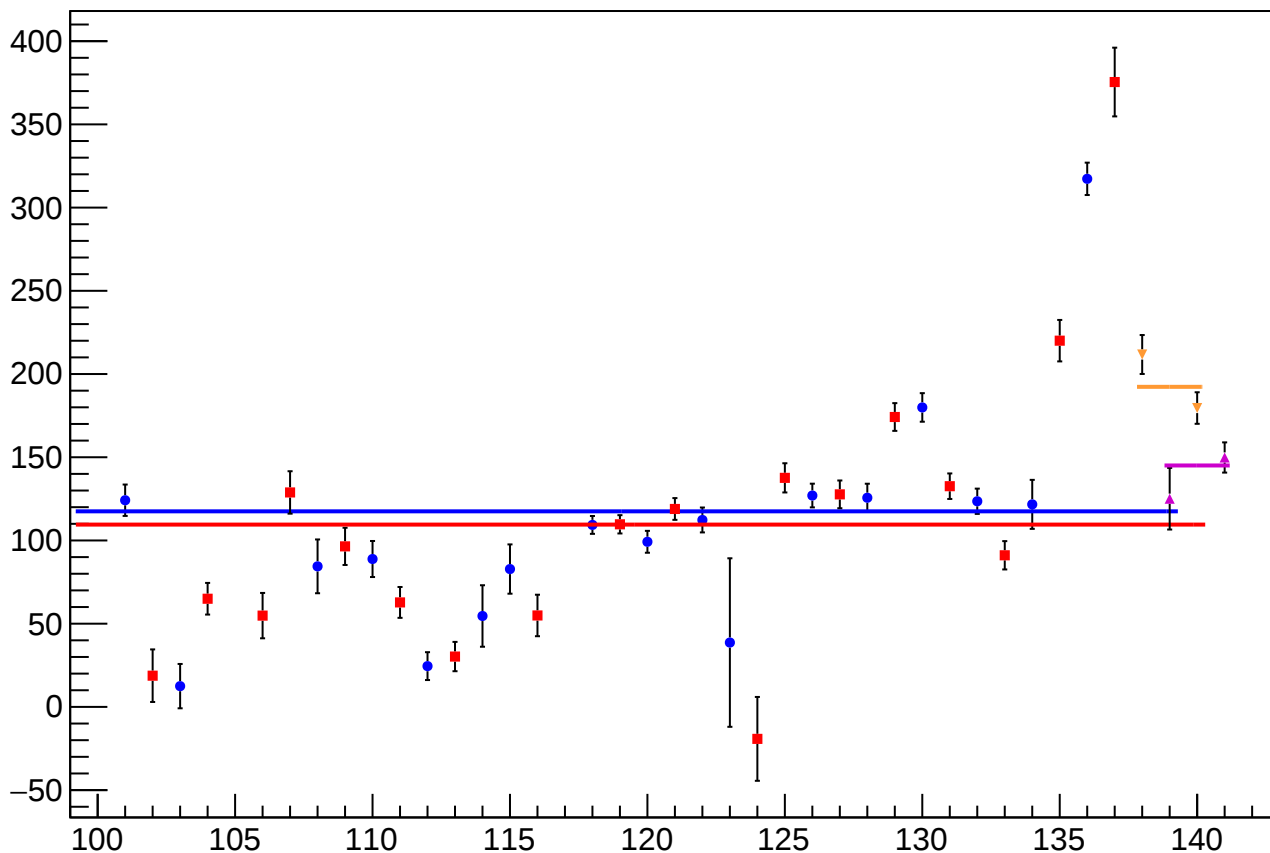
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 492.060 $\pm$ 3.316 χ^2 /NDF:1720.9/18

Out: 473.270 $\pm$ 3.205 χ^2 /NDF:2198.4/19

All: 482.345 $\pm$ 2.305 χ^2 /NDF: 3935.9/38

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: 192.310 $\pm$ 7.364 χ^2 /NDF: 4.6/1

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 145.058 $\pm$ 8.150 χ^2 /NDF: 1.4/1

Left: 171.072 $\pm$ 5.464 χ^2 /NDF: 24.5/3

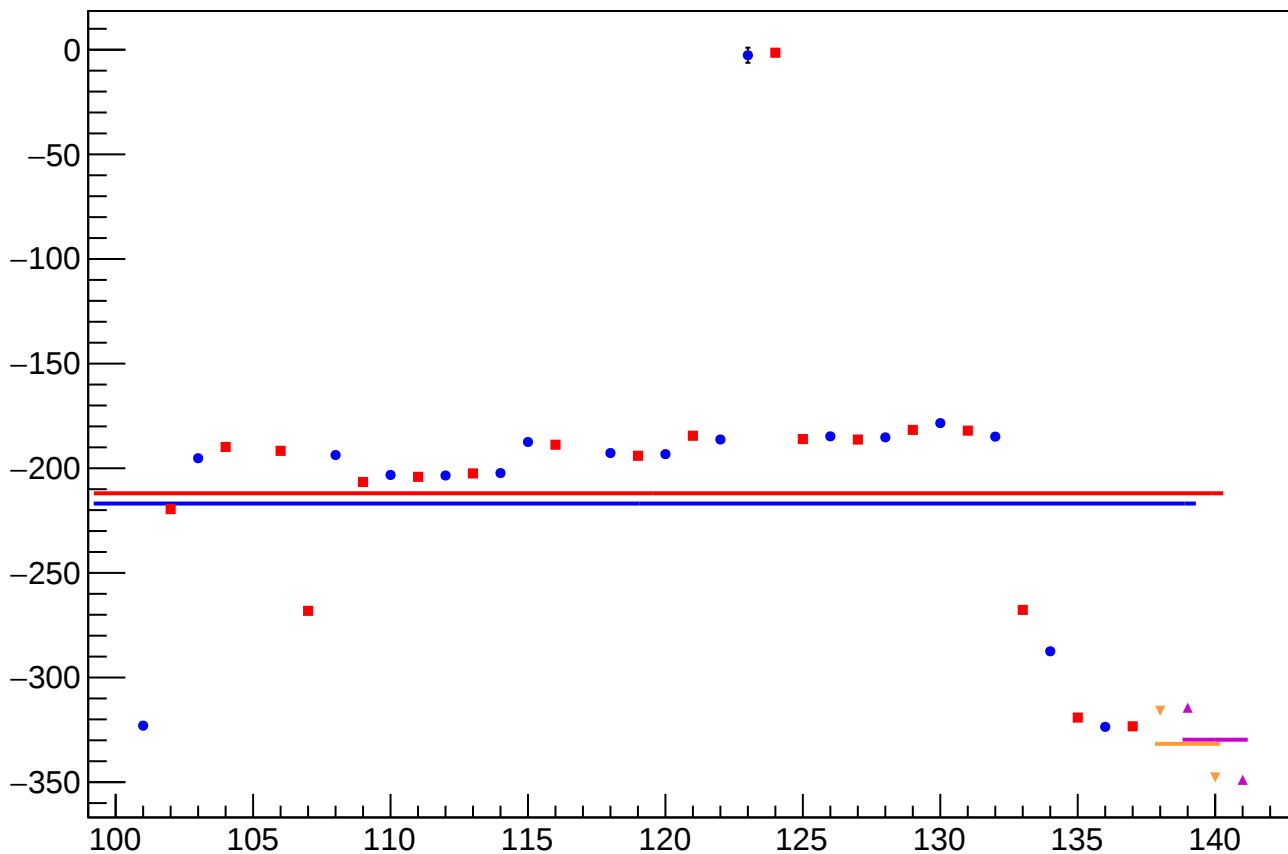
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 119.370 $\pm$ 2.122 χ^2 /NDF: 718.0/18

Out: 116.366 $\pm$ 2.115 χ^2 /NDF: 682.7/19

All: 117.863 $\pm$ 1.498 χ^2 /NDF: 1401.7/38

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -331.678+/-0.315 χ^2/NDF : 2555.5/1

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -329.705+/-0.304 χ^2/NDF : 3179.4/1

Left: -330.656+/-0.219 χ^2/NDF : 5755.2/3

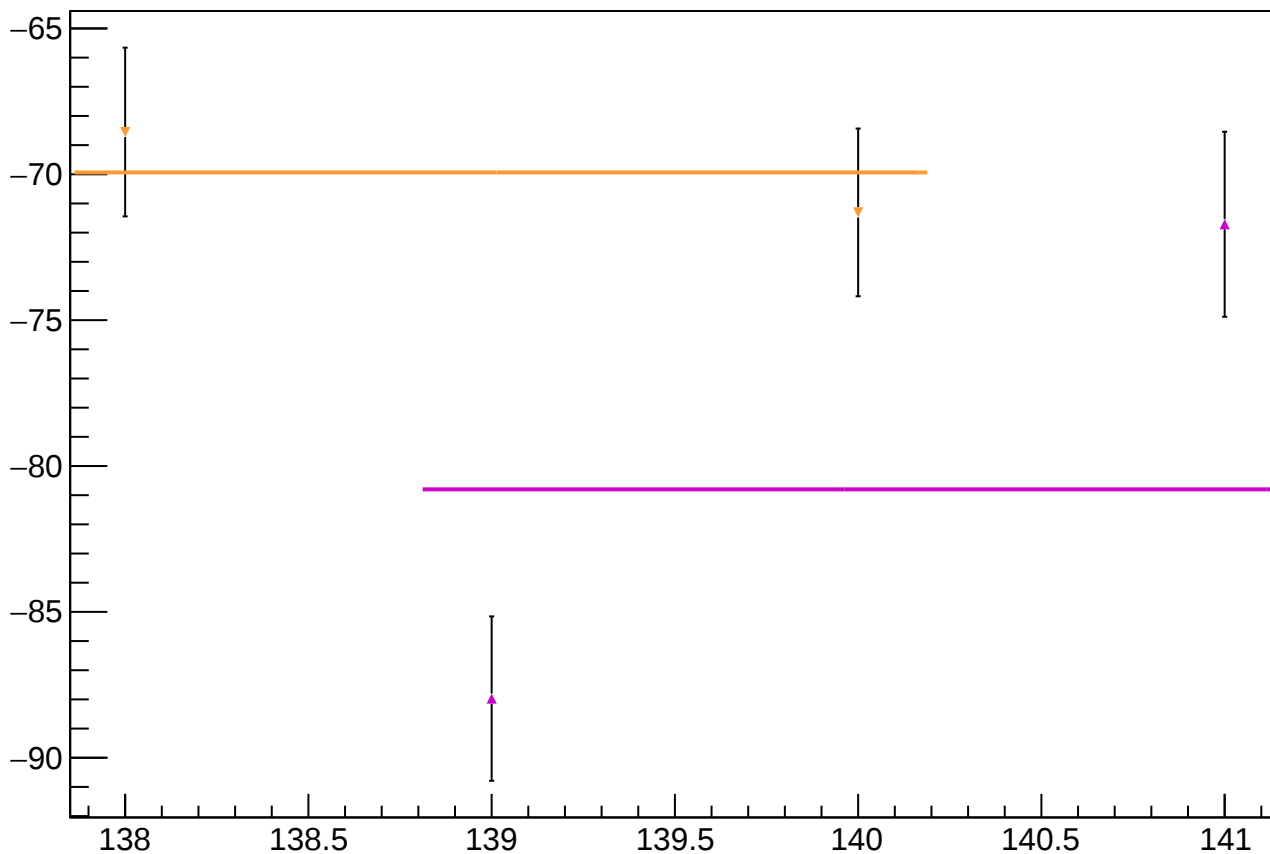
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -235.676+/-0.124 χ^2/NDF : 265179.1/18

Out: -229.556+/-0.121 χ^2/NDF : 238036.3/19

All: -232.532+/-0.086 χ^2/NDF : 504466.5/38

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.937+/-2.039 χ^2/NDF : 0.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -80.800+/-2.106 χ^2/NDF : 14.7/1

Left: -75.191+/-1.465 χ^2/NDF : 28.9/3

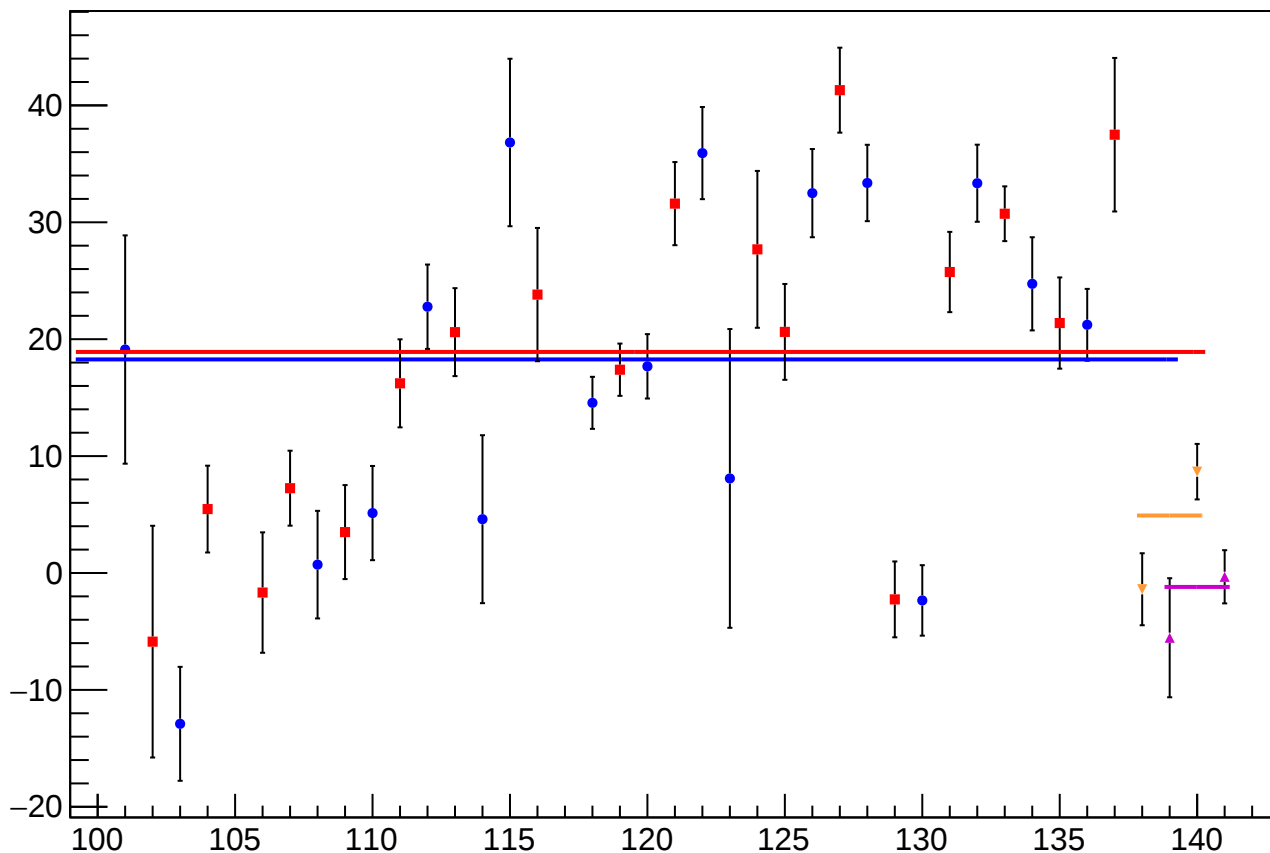
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.800+/-2.106 χ^2/NDF : 14.7/1

Out: -69.937+/-2.039 χ^2/NDF : 0.5/1

All: -75.191+/-1.465 χ^2/NDF : 28.9/3

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 4.917 ± 1.880 $\chi^2/\text{NDF}: 6.7/1$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: -1.192 ± 2.077 $\chi^2/\text{NDF}: 0.9/1$

Left: 2.165 ± 1.394 $\chi^2/\text{NDF}: 12.3/3$

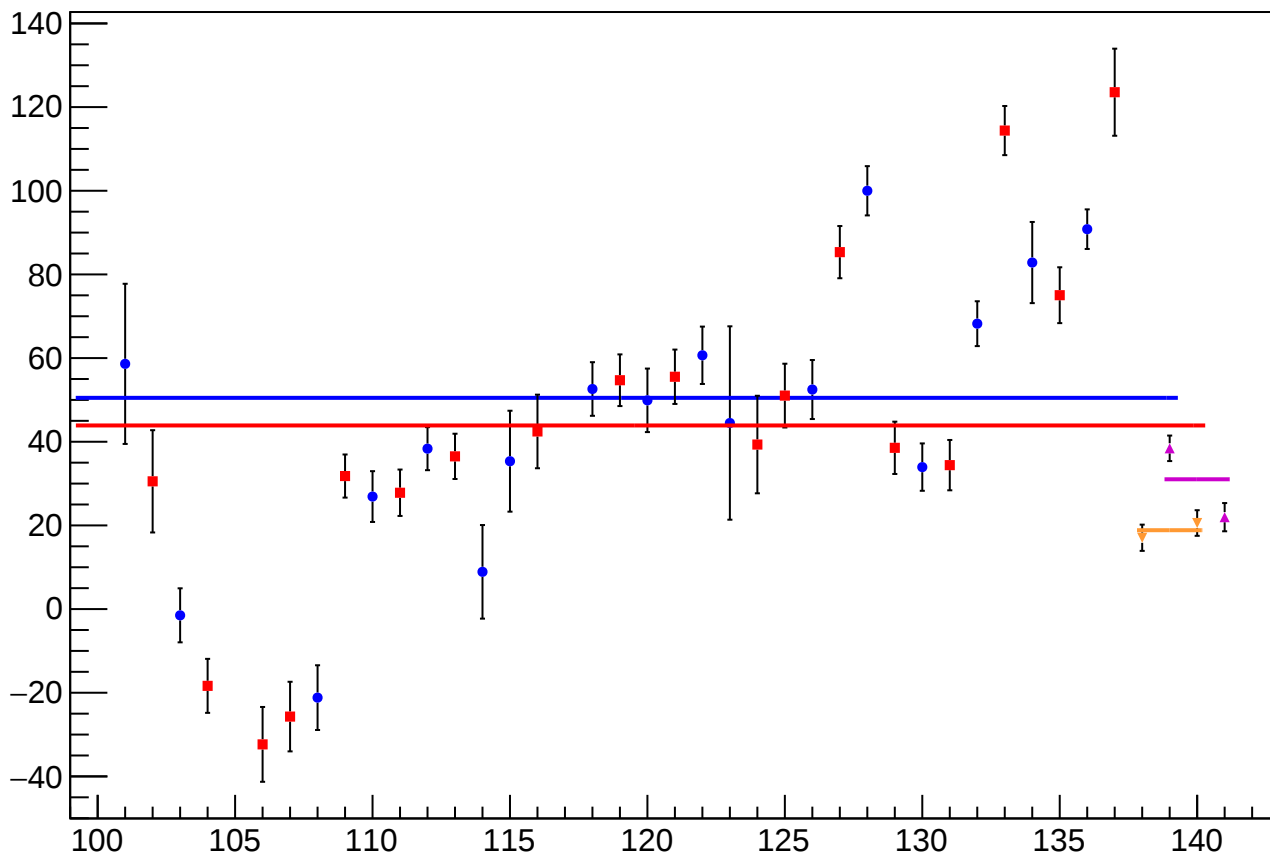
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 15.153 ± 0.831 $\chi^2/\text{NDF}: 282.9/18$

Out: 16.469 ± 0.785 $\chi^2/\text{NDF}: 250.5/19$

All: 15.848 ± 0.571 $\chi^2/\text{NDF}: 534.8/38$

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: 18.854 $\pm$ 2.191 χ^2 /NDF:0.6/1

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 31.027 $\pm$ 2.262 χ^2 /NDF:13.1/1

Left: 24.747 $\pm$ 1.574 χ^2 /NDF: 28.7/3

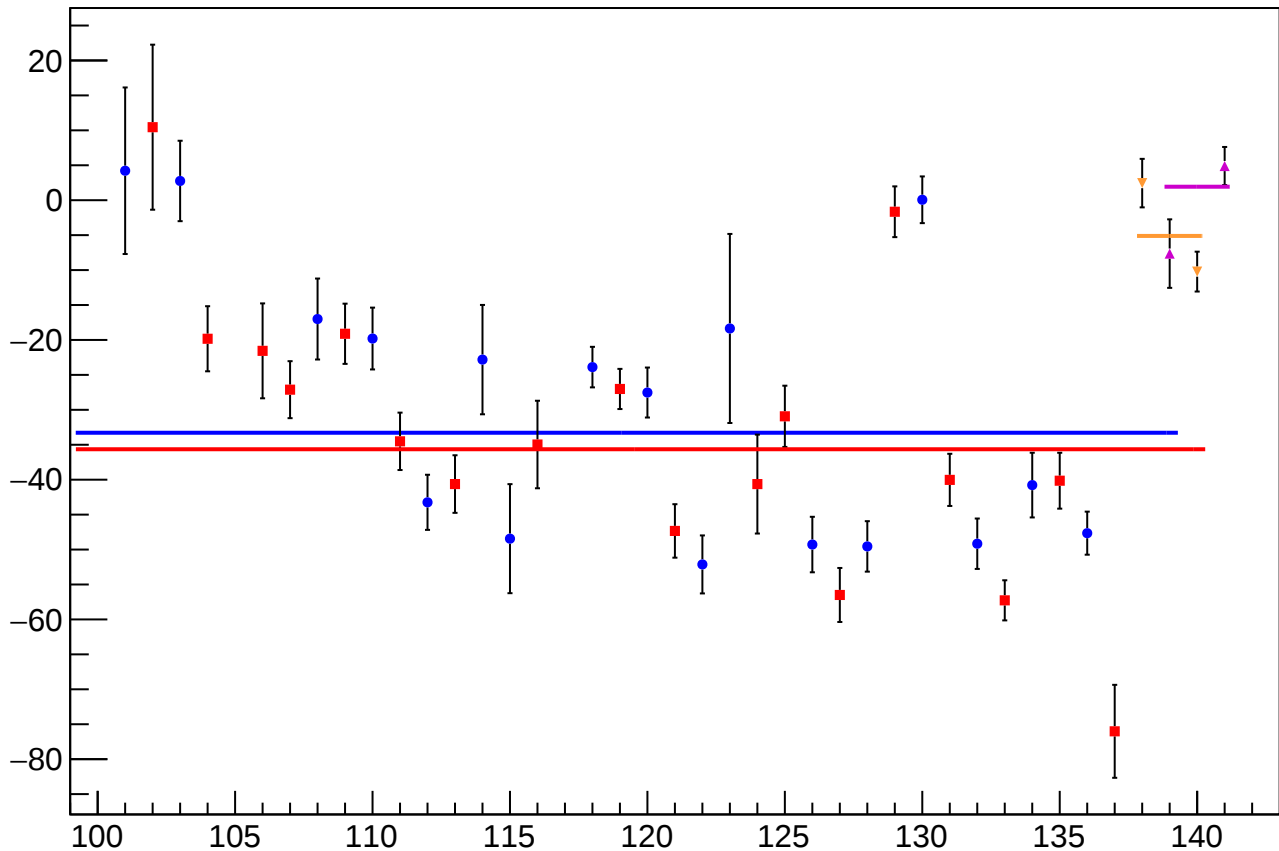
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 43.624 $\pm$ 1.344 χ^2 /NDF:424.2/18

Out: 35.160 $\pm$ 1.294 χ^2 /NDF:617.4/19

All: 39.232 $\pm$ 0.932 χ^2 /NDF: 1062.2/38

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: -5.113 ± 2.204 $\chi^2/\text{NDF}: 7.9/1$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: 1.931 ± 2.384 $\chi^2/\text{NDF}: 5.0/1$

Left: -1.866 ± 1.618 $\chi^2/\text{NDF}: 17.6/3$

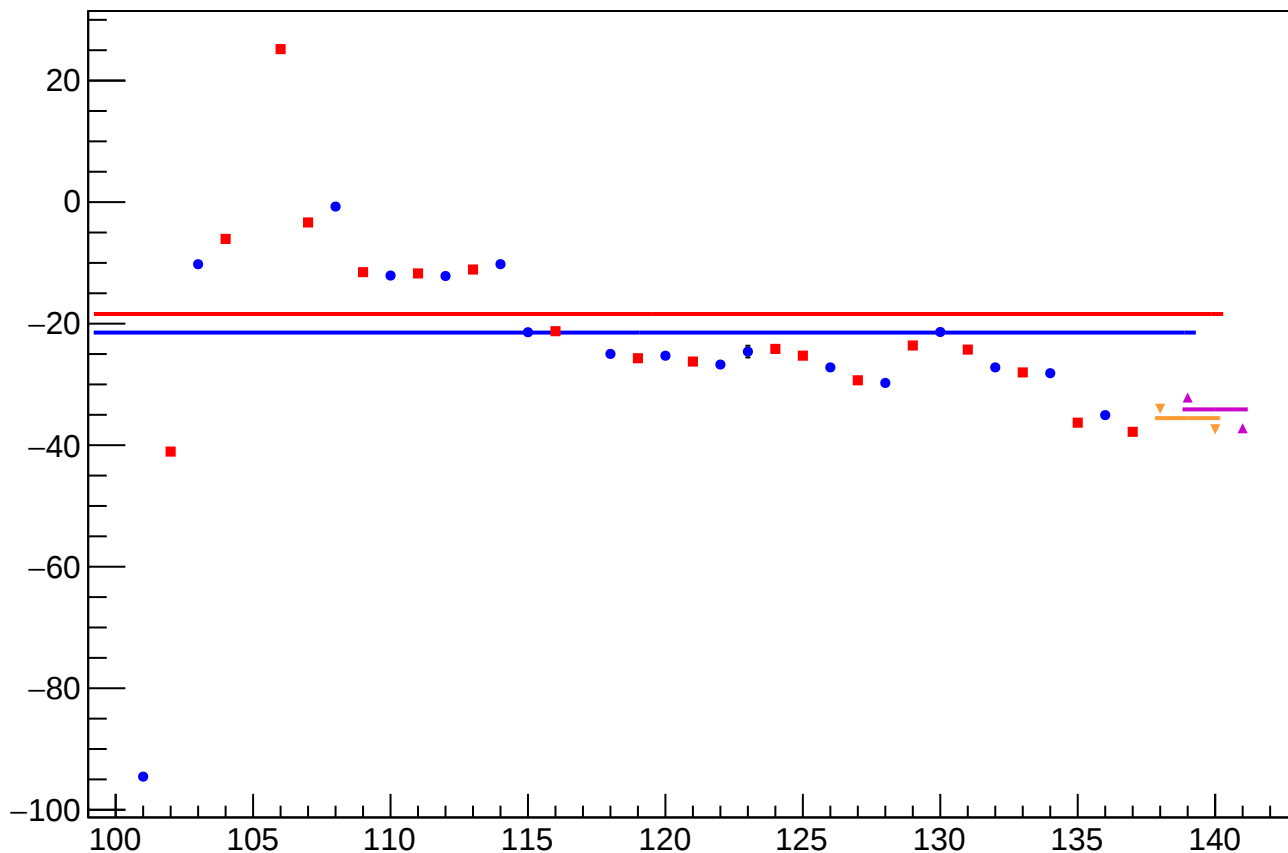
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -27.697 ± 0.949 $\chi^2/\text{NDF}: 481.5/18$

Out: -30.494 ± 0.905 $\chi^2/\text{NDF}: 452.1/19$

All: -29.162 ± 0.655 $\chi^2/\text{NDF}: 938.1/38$

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: -35.547 ± 0.090 $\chi^2/\text{NDF}: 350.1/1$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -34.108 ± 0.084 $\chi^2/\text{NDF}: 853.0/1$

Left: -34.780 ± 0.062 $\chi^2/\text{NDF}: 1339.0/3$

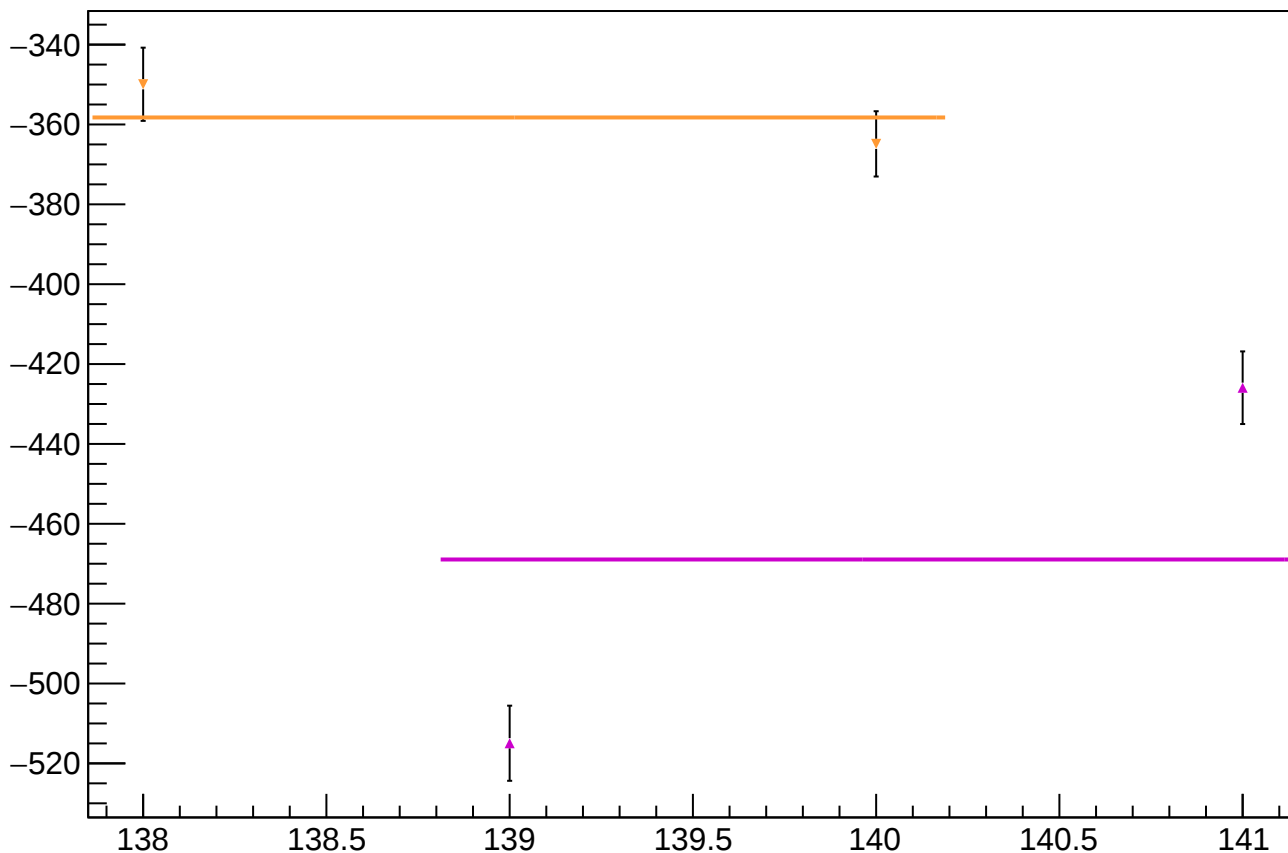
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -25.598 ± 0.048 $\chi^2/\text{NDF}: 64959.7/18$

Out: -23.357 ± 0.048 $\chi^2/\text{NDF}: 103677.5/19$

All: -24.482 ± 0.034 $\chi^2/\text{NDF}: 169713.9/38$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -358.246+/-6.101 χ^2/NDF :1.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -468.940+/-6.539 χ^2/NDF :46.3/1

Left: -409.764+/-4.461 χ^2/NDF : 201.0/3

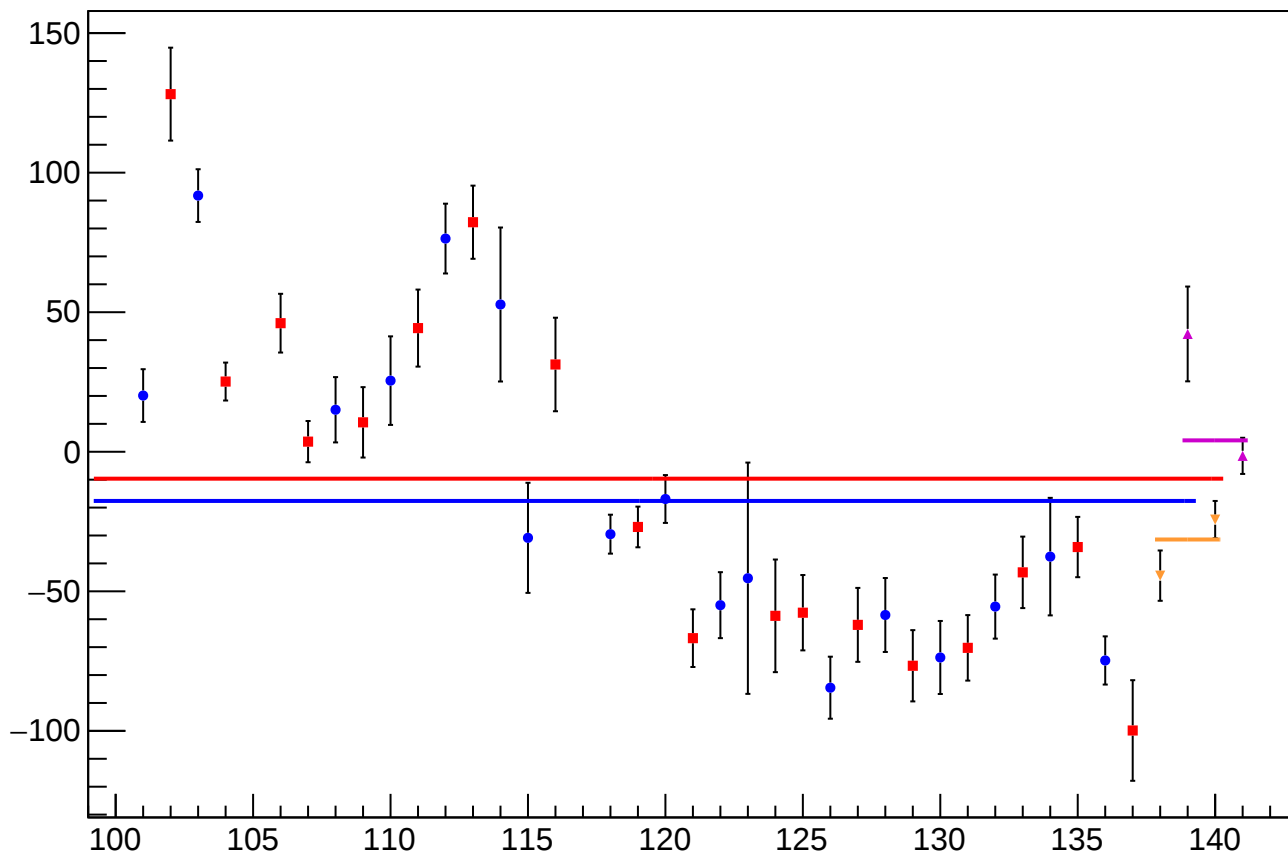
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -468.940+/-6.539 χ^2/NDF :46.3/1

Out: -358.246+/-6.101 χ^2/NDF :1.5/1

All: -409.764+/-4.461 χ^2/NDF : 201.0/3

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: -31.433 ± 5.369 $\chi^2/\text{NDF}: 3.2/1$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 4.083 ± 6.053 $\chi^2/\text{NDF}: 5.8/1$

Left: -15.793 ± 4.017 $\chi^2/\text{NDF}: 28.2/3$

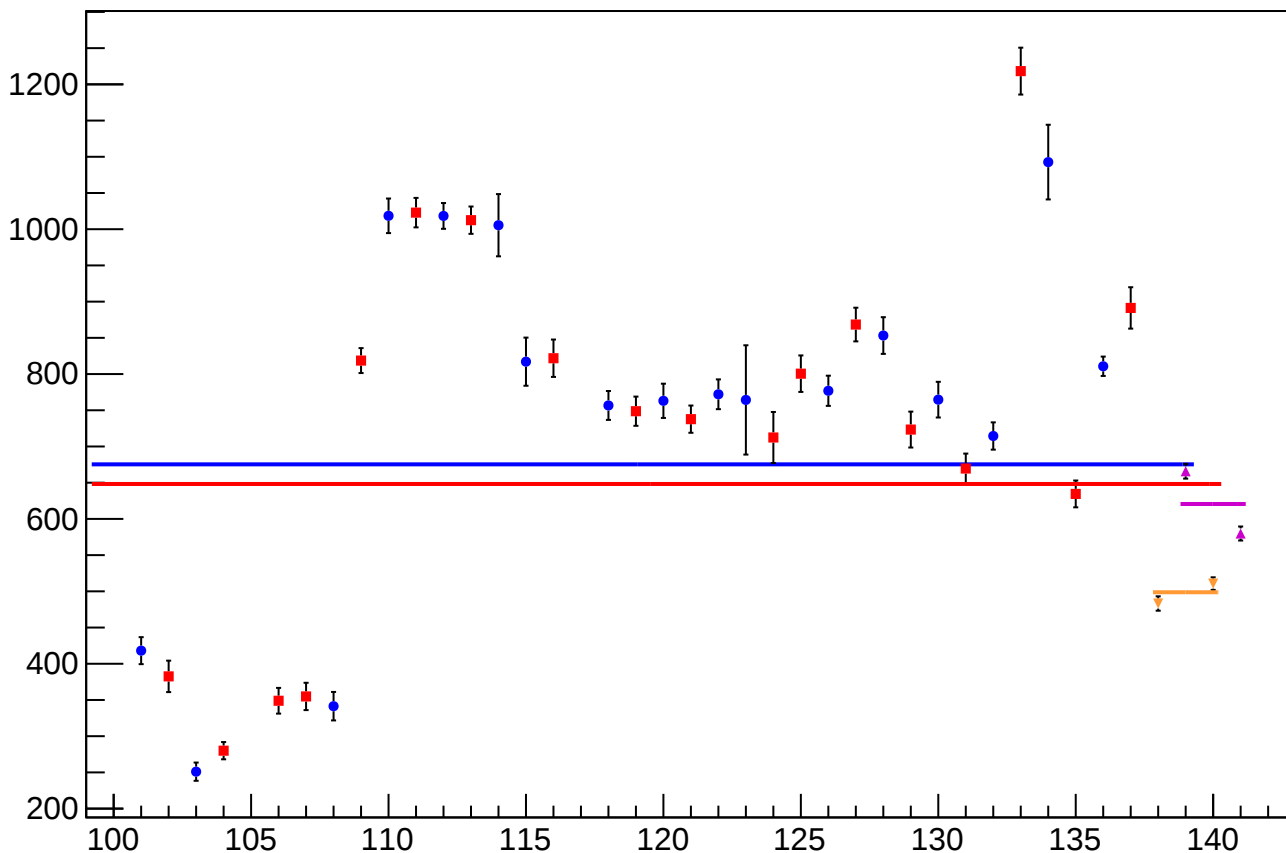
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -13.824 ± 2.531 $\chi^2/\text{NDF}: 378.4/18$

Out: -13.813 ± 2.349 $\chi^2/\text{NDF}: 377.2/19$

All: -13.818 ± 1.722 $\chi^2/\text{NDF}: 755.6/38$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 498.739 $\pm$ 6.547 χ^2 /NDF: 4.3/1

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 620.599 $\pm$ 7.011 χ^2 /NDF: 37.5/1

Left: 555.497 $\pm$ 4.785 χ^2 /NDF: 203.2/3

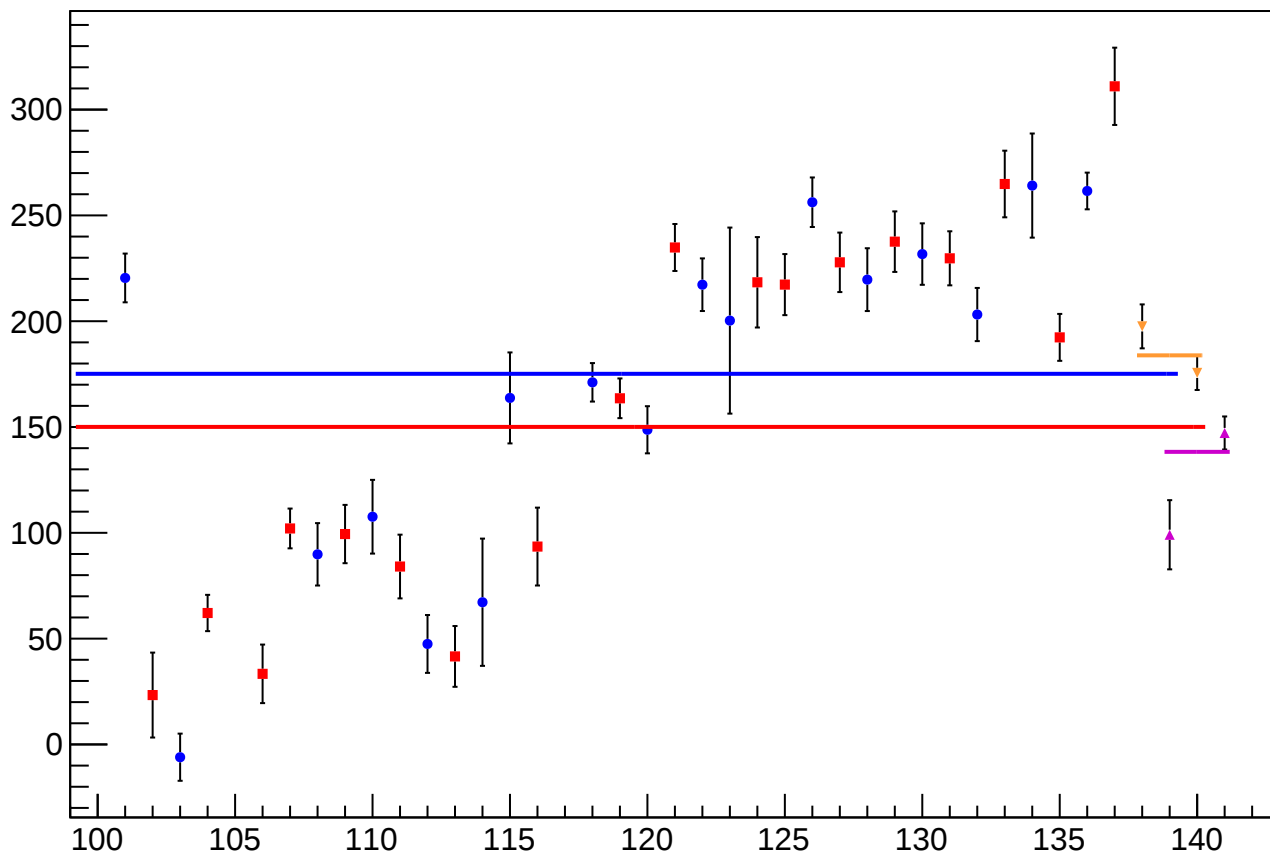
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 656.661 $\pm$ 4.095 χ^2 /NDF: 2660.4/18

Out: 596.319 $\pm$ 3.858 χ^2 /NDF: 3403.7/19

All: 624.688 $\pm$ 2.808 χ^2 /NDF: 6179.0/38

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: 183.867 $\pm$ 6.376 χ^2 /NDF:2.8/1

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 138.264 $\pm$ 7.042 χ^2 /NDF:7.0/1

Left: 163.325 $\pm$ 4.726 χ^2 /NDF: 32.9/3

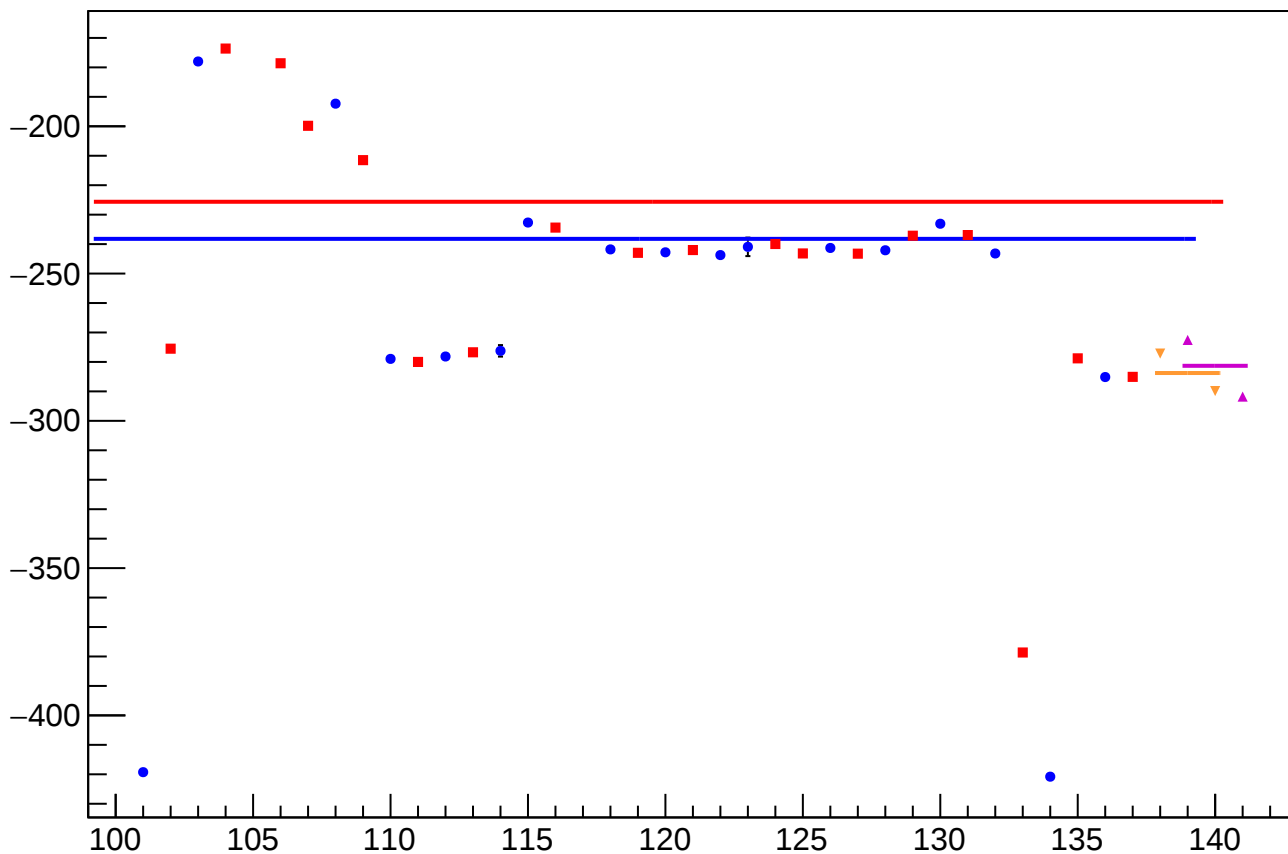
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 168.800 $\pm$ 2.920 χ^2 /NDF:665.4/18

Out: 156.336 $\pm$ 2.748 χ^2 /NDF:711.9/19

All: 162.189 $\pm$ 2.001 χ^2 /NDF: 1386.9/38

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -283.763+/-0.274 χ^2/NDF : 537.4/1

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -281.315+/-0.265 χ^2/NDF : 1308.6/1

Left: -282.496+/-0.191 χ^2/NDF : 1887.2/3

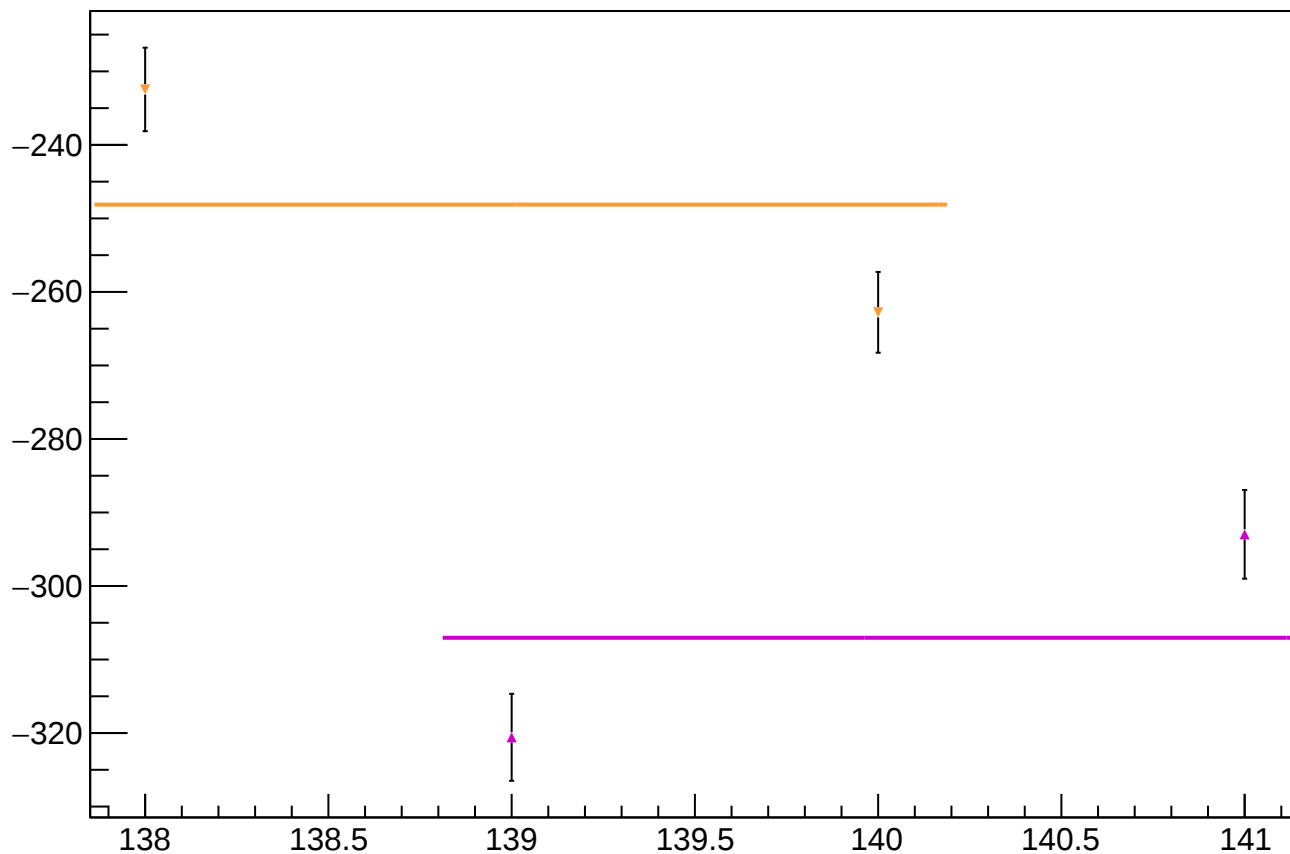
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -249.740+/-0.137 χ^2/NDF : 187791.1/18

Out: -239.226+/-0.133 χ^2/NDF : 130412.8/19

All: -244.314+/-0.095 χ^2/NDF : 321243.0/38

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -248.121 $\pm$ 3.949 χ^2/NDF :14.7/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -307.040 $\pm$ 4.223 χ^2/NDF :10.7/1

Left: -275.607 $\pm$ 2.885 χ^2/NDF : 129.2/3

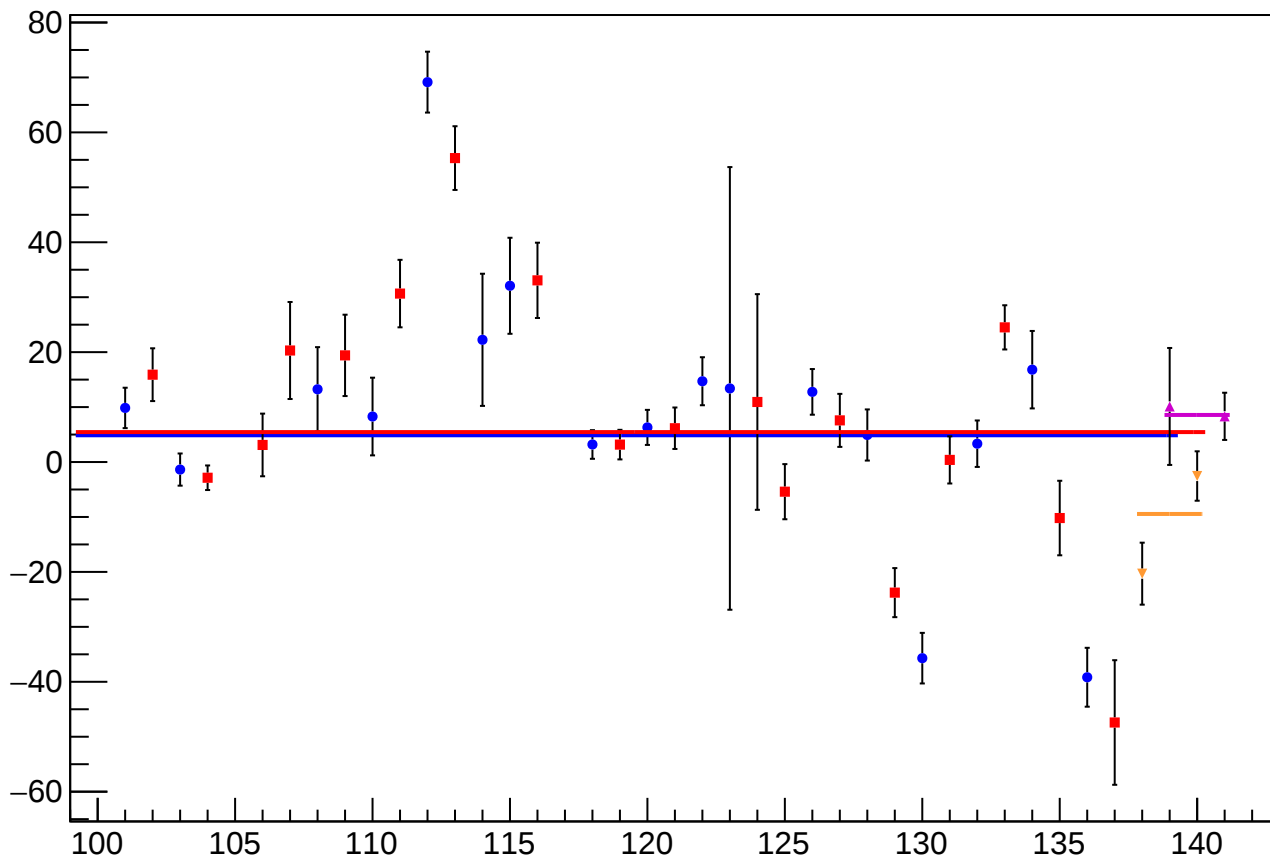
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -307.040 $\pm$ 4.223 χ^2/NDF :10.7/1

Out: -248.121 $\pm$ 3.949 χ^2/NDF :14.7/1

All: -275.607 $\pm$ 2.885 χ^2/NDF : 129.2/3

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: -9.452 ± 3.517 χ^2/NDF : 6.1/1

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 8.569 ± 3.984 χ^2/NDF : 0.0/1

Left: -1.559 ± 2.636 χ^2/NDF : 17.6/3

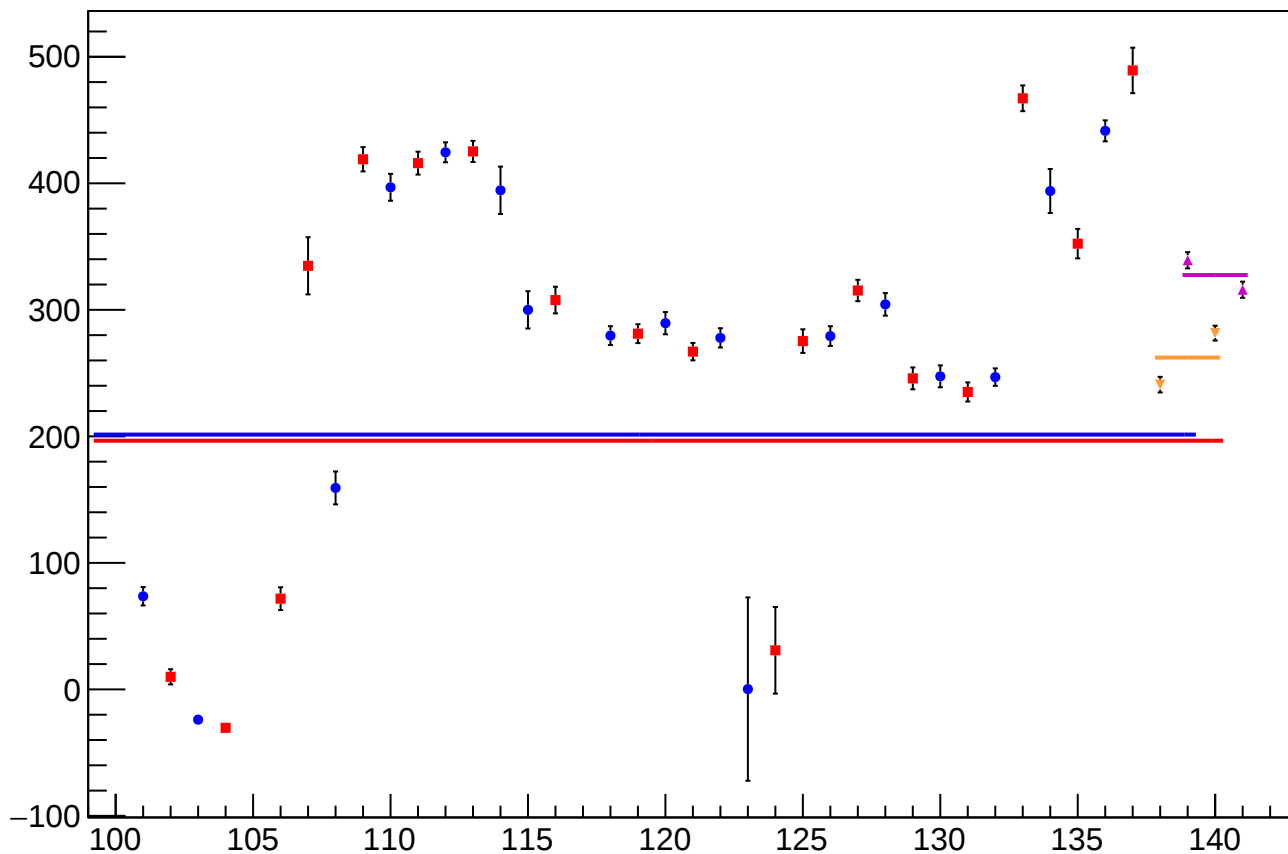
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 5.128 ± 1.052 χ^2/NDF : 312.4/18

Out: 4.185 ± 1.025 χ^2/NDF : 254.1/19

All: 4.644 ± 0.734 χ^2/NDF : 566.8/38

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: 262.286 $\pm$ 4.241 χ^2 /NDF:23.0/1

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 327.542 $\pm$ 4.532 χ^2 /NDF:6.6/1

Left: 292.754 $\pm$ 3.097 χ^2 /NDF: 140.1/3

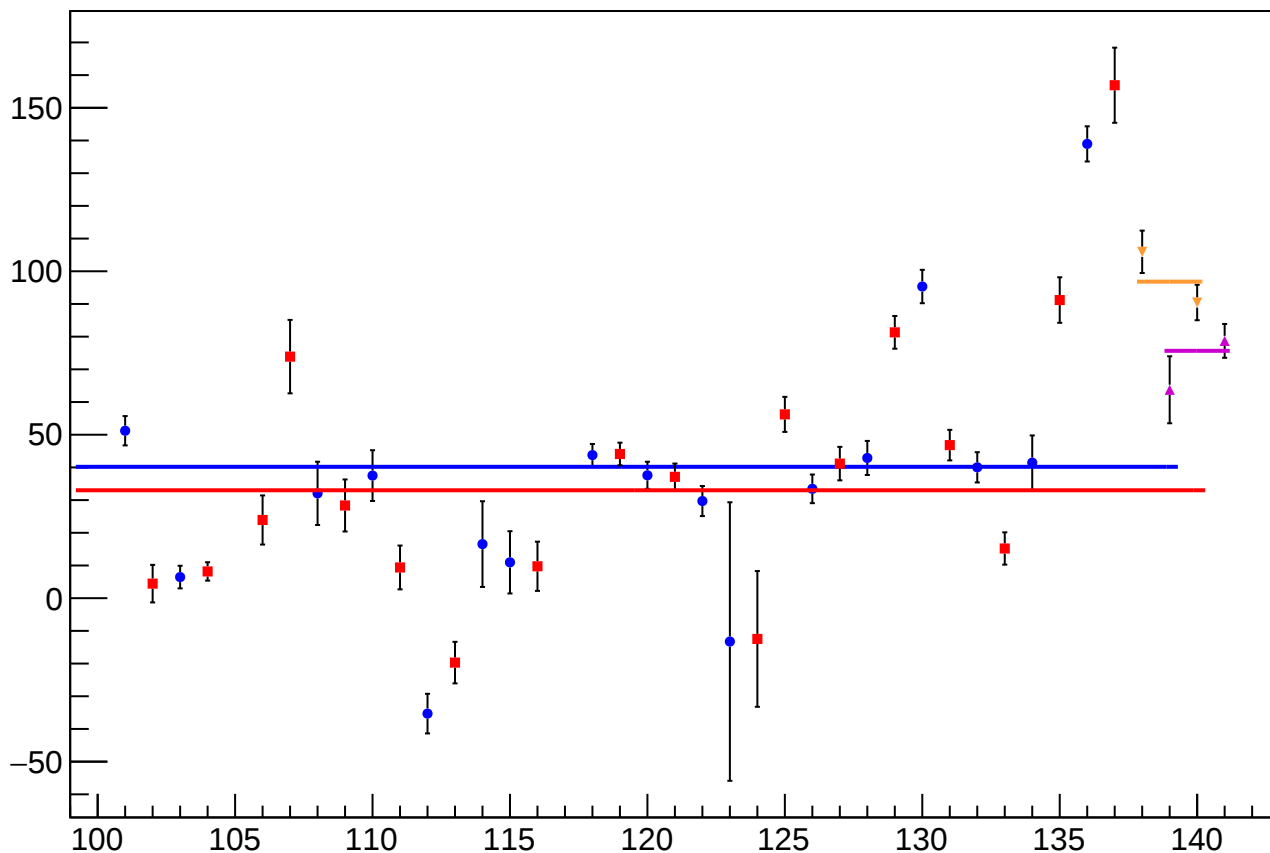
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 221.515 $\pm$ 1.810 χ^2 /NDF:7398.2/18

Out: 207.851 $\pm$ 1.758 χ^2 /NDF:8400.0/19

All: 214.484 $\pm$ 1.261 χ^2 /NDF: 15827.5/38

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 96.828 $\pm$ 4.160 χ^2 /NDF:3.4/1

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 75.664 $\pm$ 4.618 χ^2 /NDF:1.7/1

Left: 87.347 $\pm$ 3.091 χ^2 /NDF: 16.7/3

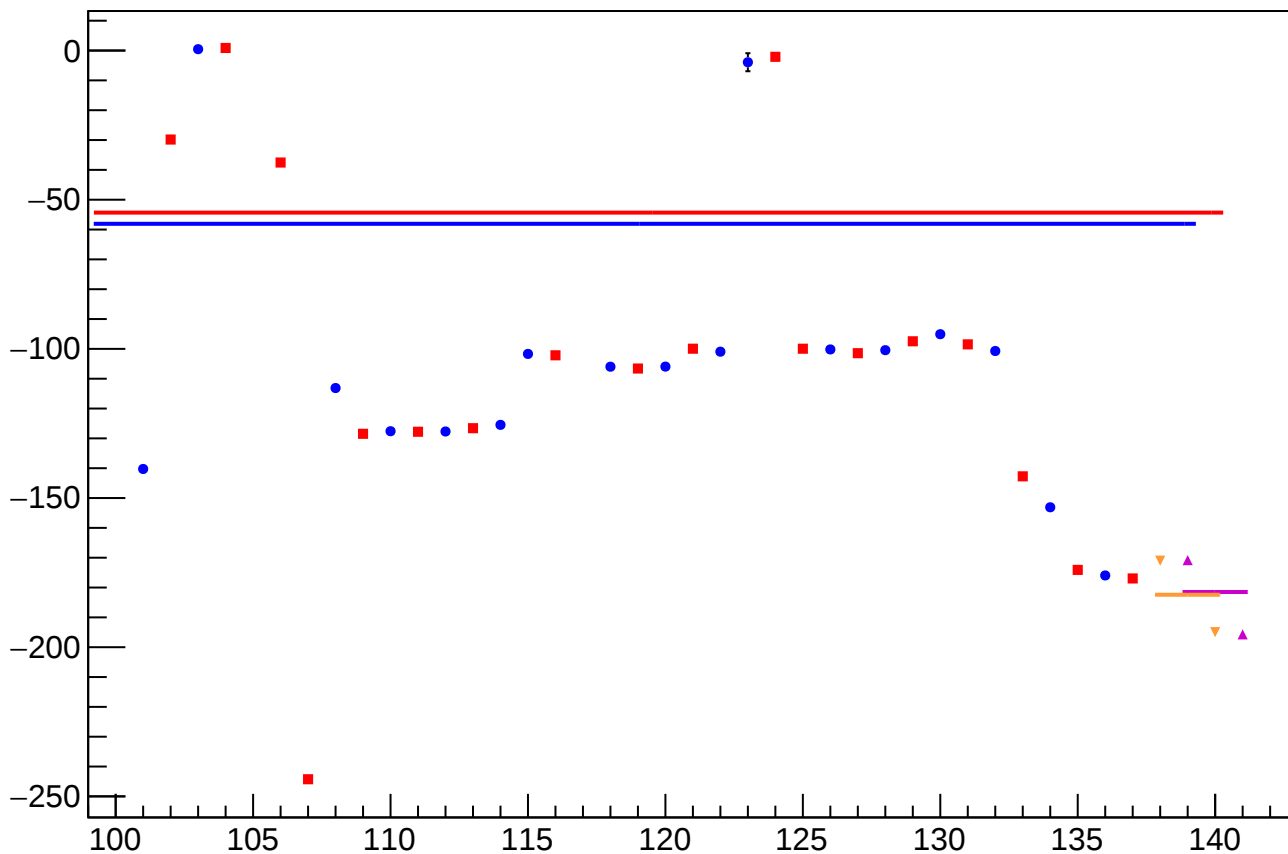
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 42.677 $\pm$ 1.224 χ^2 /NDF:790.6/18

Out: 38.314 $\pm$ 1.200 χ^2 /NDF:766.3/19

All: 40.451 $\pm$ 0.857 χ^2 /NDF: 1563.3/38

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: -182.414 ± 0.177 $\chi^2/\text{NDF}: 4592.5/1$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -181.493 ± 0.170 $\chi^2/\text{NDF}: 5232.4/1$

Left: -181.936 ± 0.123 $\chi^2/\text{NDF}: 9839.0/3$

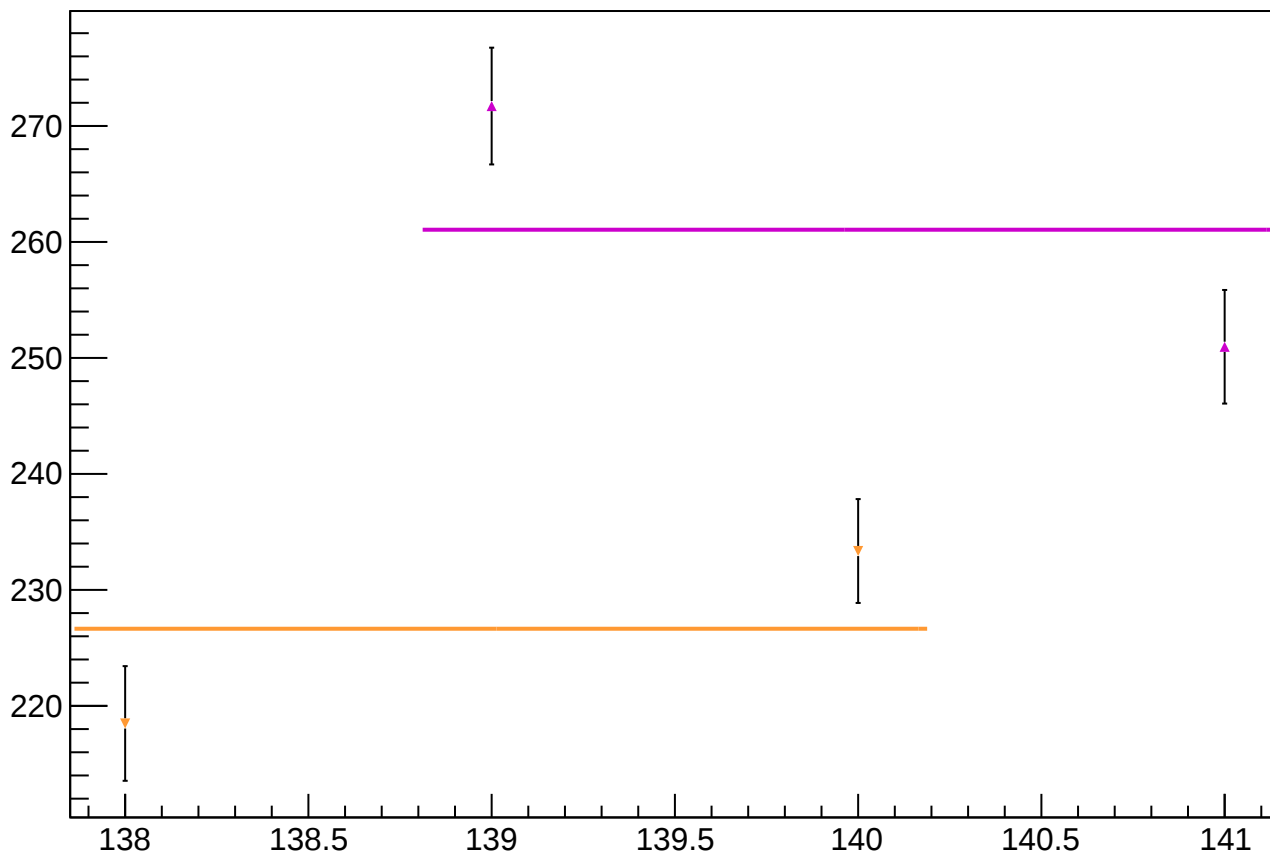
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -72.372 ± 0.058 $\chi^2/\text{NDF}: 1574293.2/18$

Out: -67.753 ± 0.057 $\chi^2/\text{NDF}: 1466559.7/19$

All: -70.032 ± 0.041 $\chi^2/\text{NDF}: 3044072.5/38$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 226.651+/-3.319 χ^2/NDF : 5.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.055+/-3.510 χ^2/NDF : 8.7/1

Left: 242.889+/-2.412 χ^2/NDF : 64.4/3

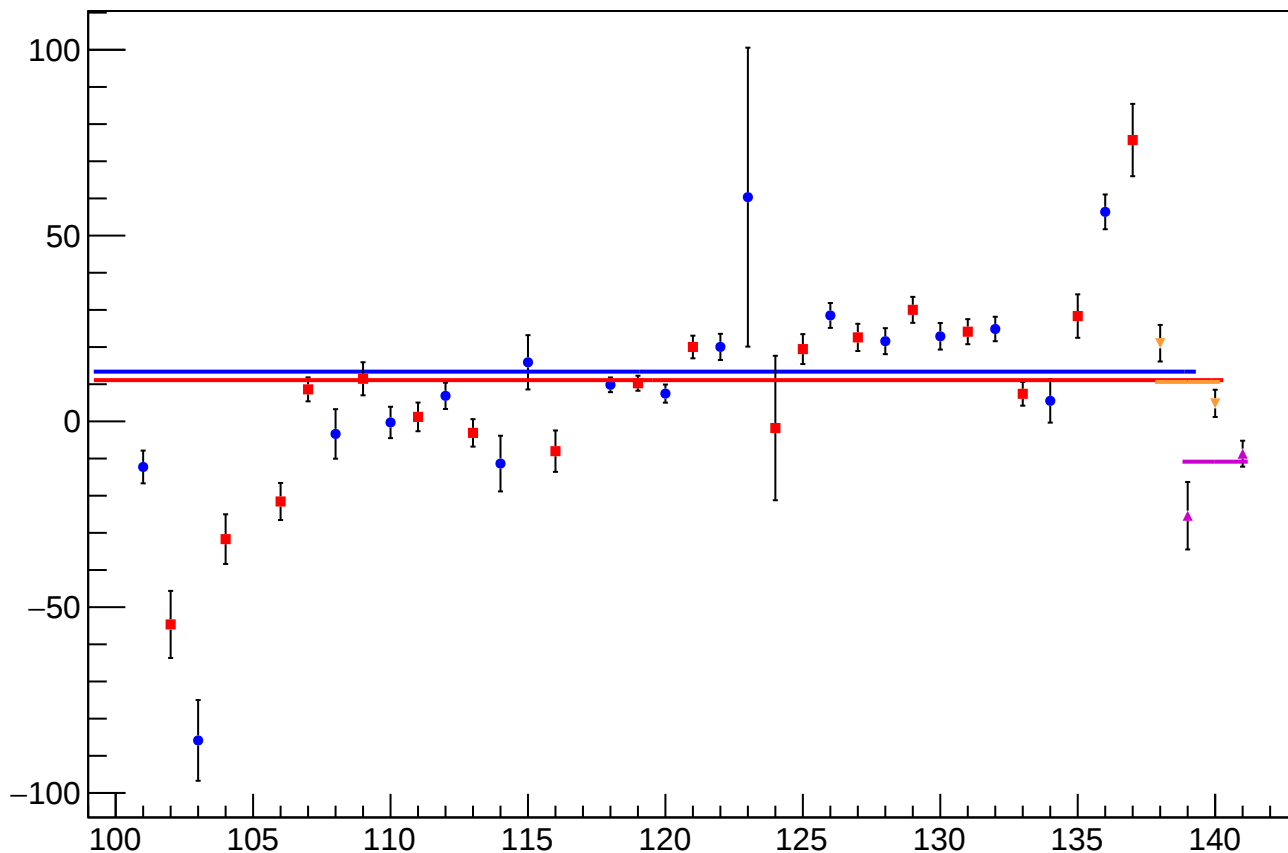
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.055+/-3.510 χ^2/NDF : 8.7/1

Out: 226.651+/-3.319 χ^2/NDF : 5.0/1

All: 242.889+/-2.412 χ^2/NDF : 64.4/3

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 10.625 $\pm$ 2.941 χ^2 /NDF:7.0/1

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: -10.844 $\pm$ 3.258 χ^2 /NDF:2.9/1

Left: 0.986 $\pm$ 2.183 χ^2 /NDF: 33.8/3

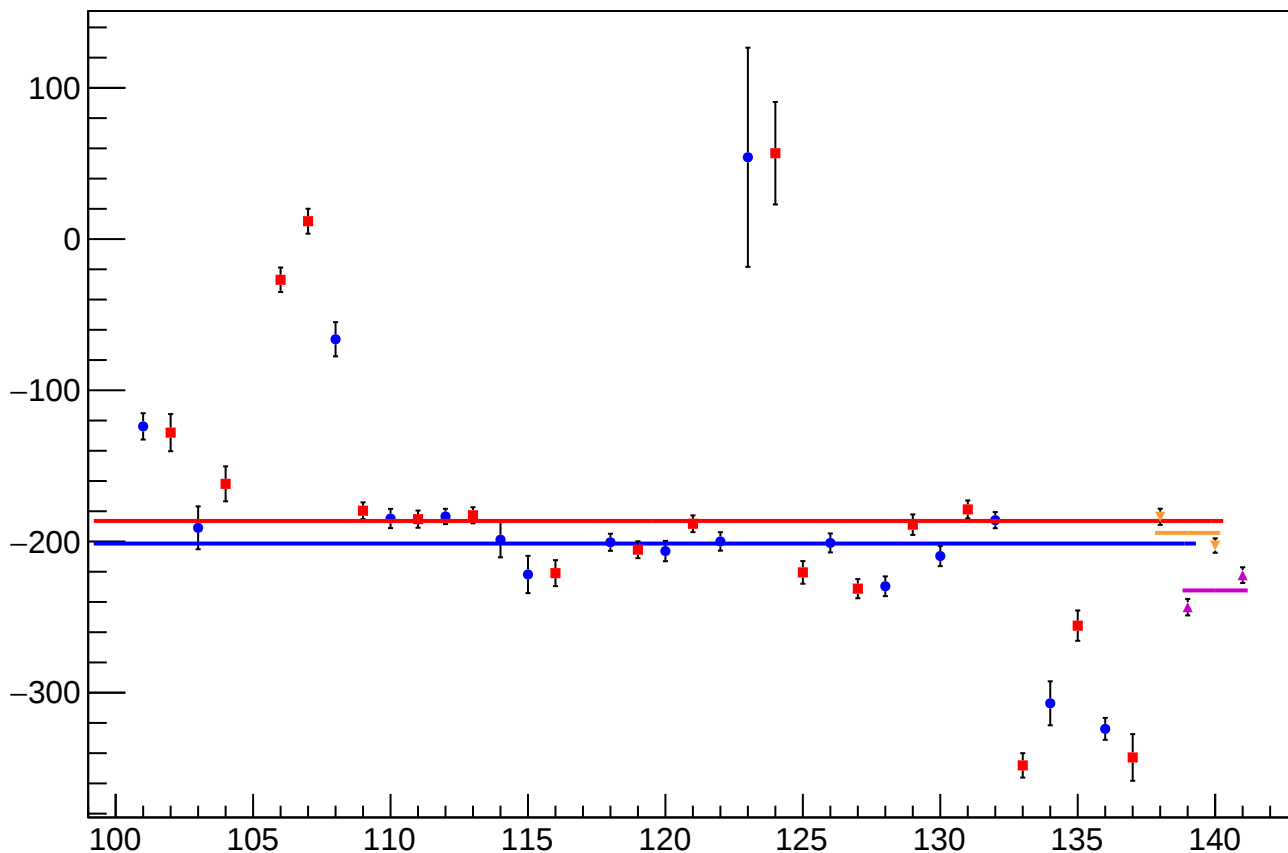
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 11.592 $\pm$ 0.886 χ^2 /NDF:348.2/18

Out: 11.059 $\pm$ 0.874 χ^2 /NDF:299.2/19

All: 11.322 $\pm$ 0.622 χ^2 /NDF: 647.6/38

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: -194.295 ± 3.562 χ^2/NDF : 7.0/1

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -232.377 ± 3.764 χ^2/NDF : 7.9/1

Left: -212.287 ± 2.587 χ^2/NDF : 68.9/3

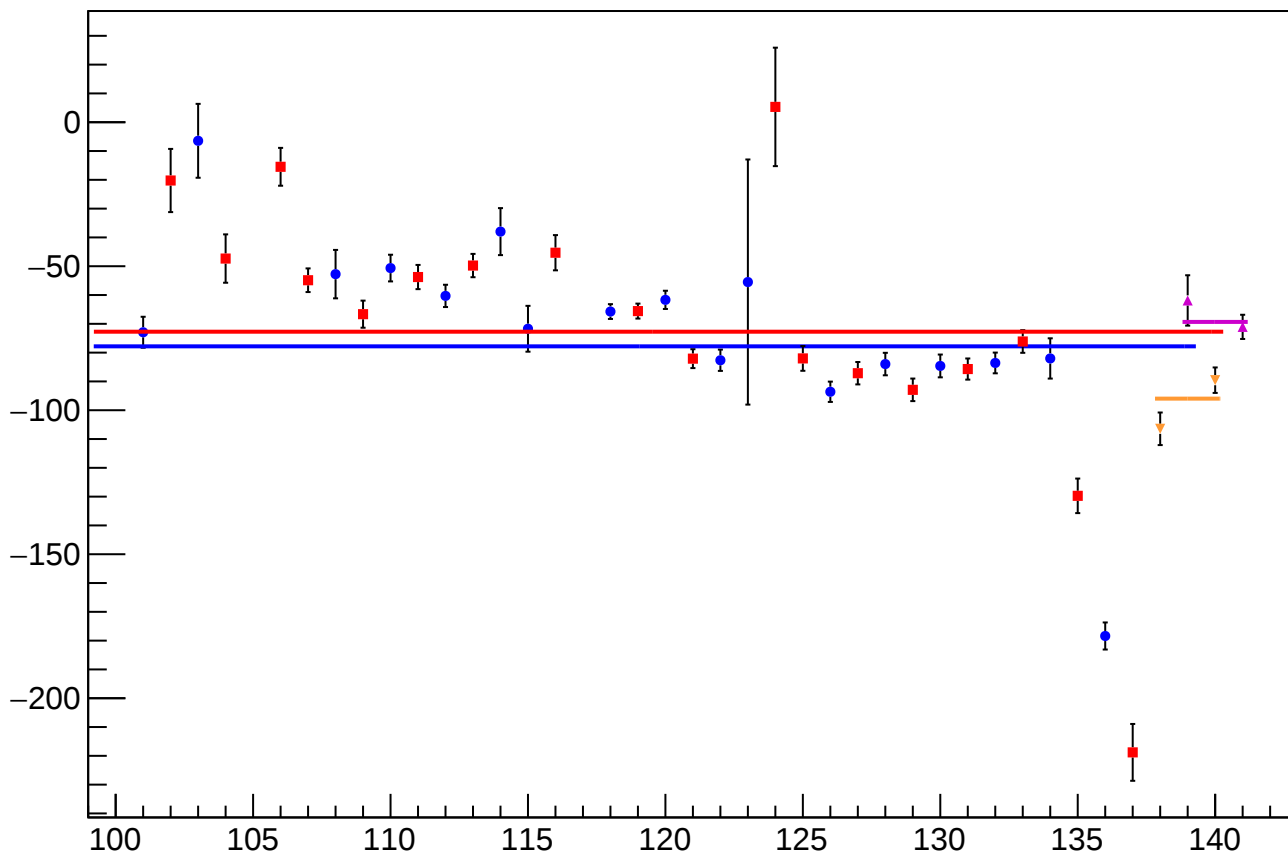
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -207.052 ± 1.612 χ^2/NDF : 688.3/18

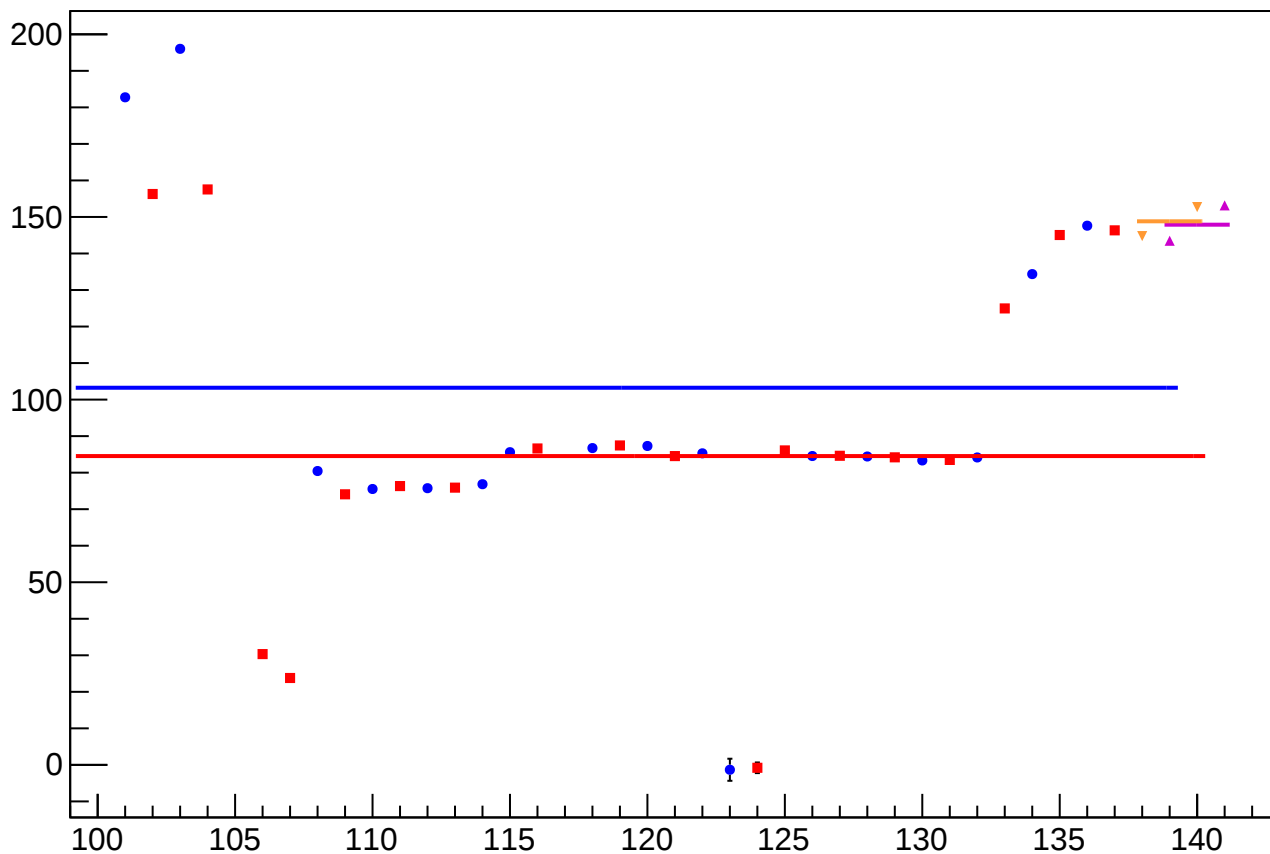
Out: -187.877 ± 1.537 χ^2/NDF : 1710.5/19

All: -197.008 ± 1.112 χ^2/NDF : 2472.9/38

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 148.809 $\pm$ 0.149 χ^2 /NDF: 714.1/1

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 147.884 $\pm$ 0.142 χ^2 /NDF: 1150.6/1

Left: 148.325 $\pm$ 0.103 χ^2 /NDF: 1884.9/3

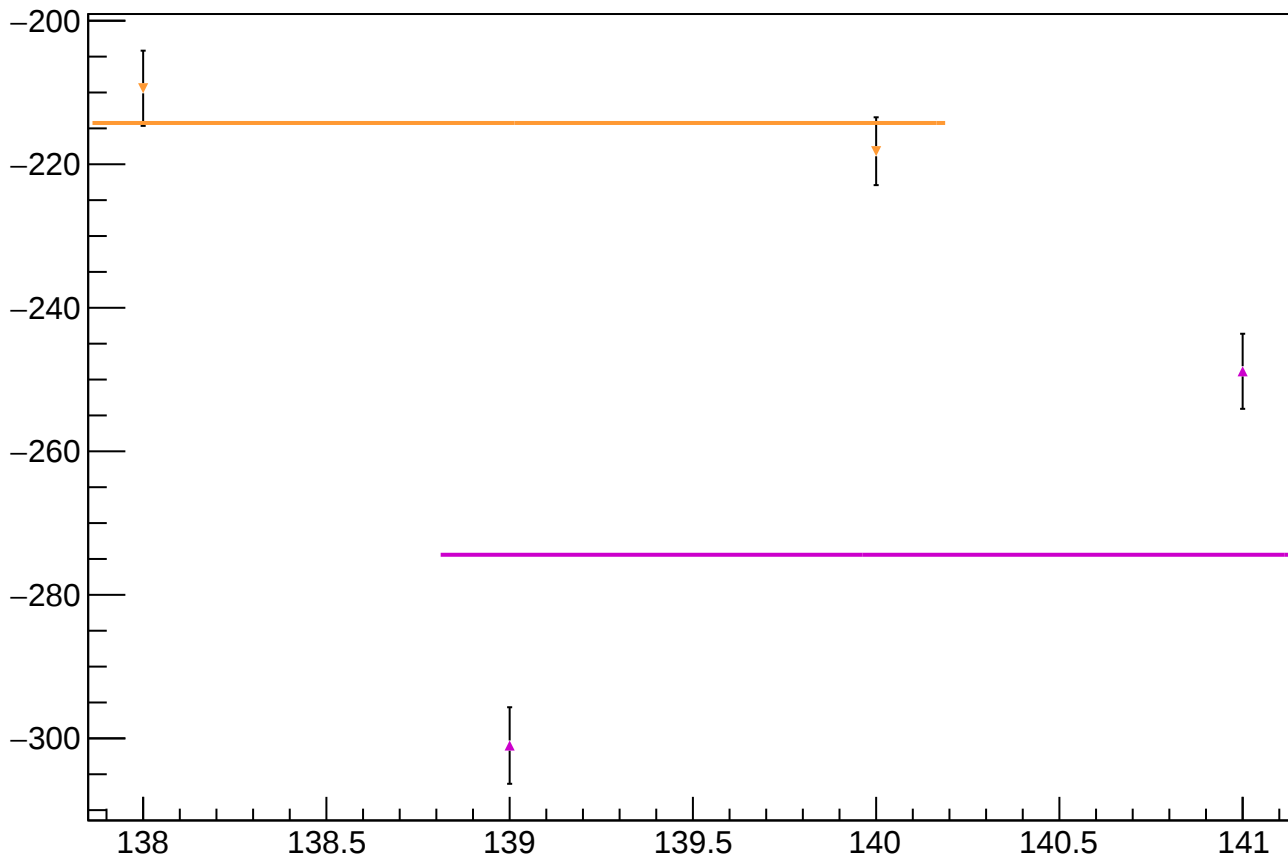
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 112.057 $\pm$ 0.063 χ^2 /NDF: 353750.6/18

Out: 94.569 $\pm$ 0.059 χ^2 /NDF: 569860.4/19

All: 102.681 $\pm$ 0.043 χ^2 /NDF: 964760.2/38

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: -214.247+/-3.509 χ^2/NDF :1.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.416+/-3.735 χ^2/NDF :48.7/1

Left: -242.460+/-2.557 χ^2/NDF : 188.1/3

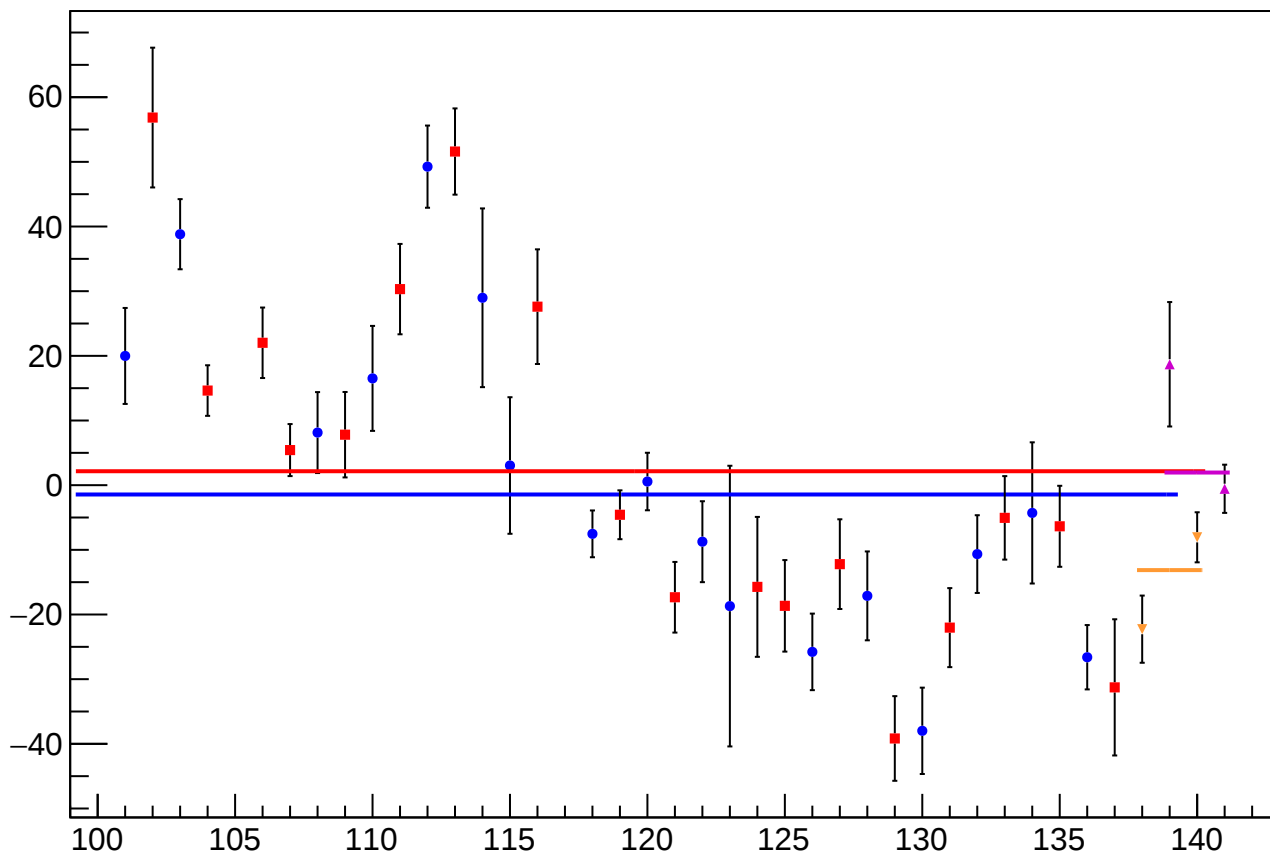
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.416+/-3.735 χ^2/NDF :48.7/1

Out: -214.247+/-3.509 χ^2/NDF :1.5/1

All: -242.460+/-2.557 χ^2/NDF : 188.1/3

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: -13.134 ± 3.104 $\chi^2/\text{NDF}: 4.8/1$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 1.955 ± 3.476 $\chi^2/\text{NDF}: 3.5/1$

Left: -6.439 ± 2.315 $\chi^2/\text{NDF}: 18.8/3$

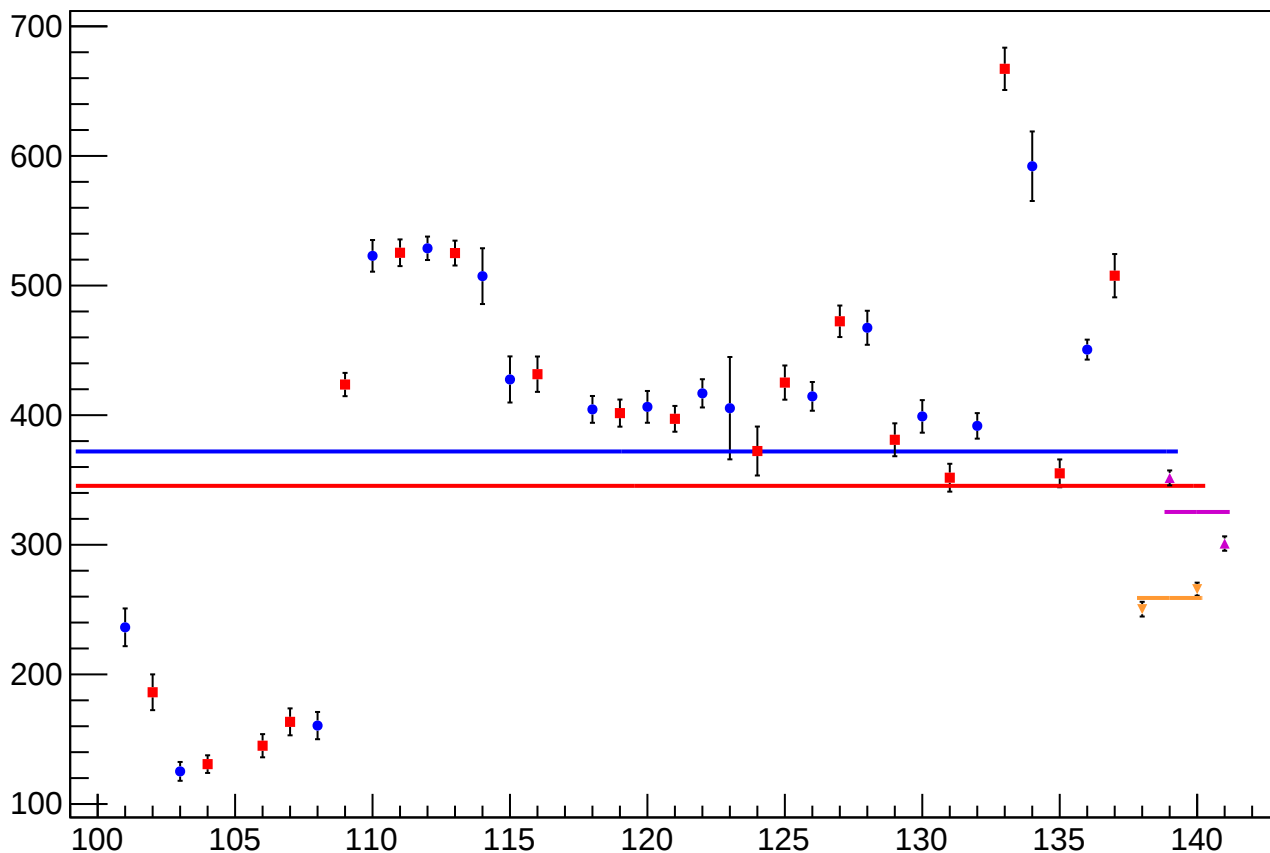
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: -0.897 ± 1.390 $\chi^2/\text{NDF}: 228.7/18$

Out: -0.431 ± 1.277 $\chi^2/\text{NDF}: 255.1/19$

All: -0.644 ± 0.940 $\chi^2/\text{NDF}: 483.9/38$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 258.973+/-3.766 χ^2/NDF : 4.1/1

Right Out: 345.473+/-2.564 χ^2/NDF : 3401.6/17

Left In: 325.318+/-4.005 χ^2/NDF : 39.9/1

Left: 290.104+/-2.744 χ^2/NDF : 189.6/3

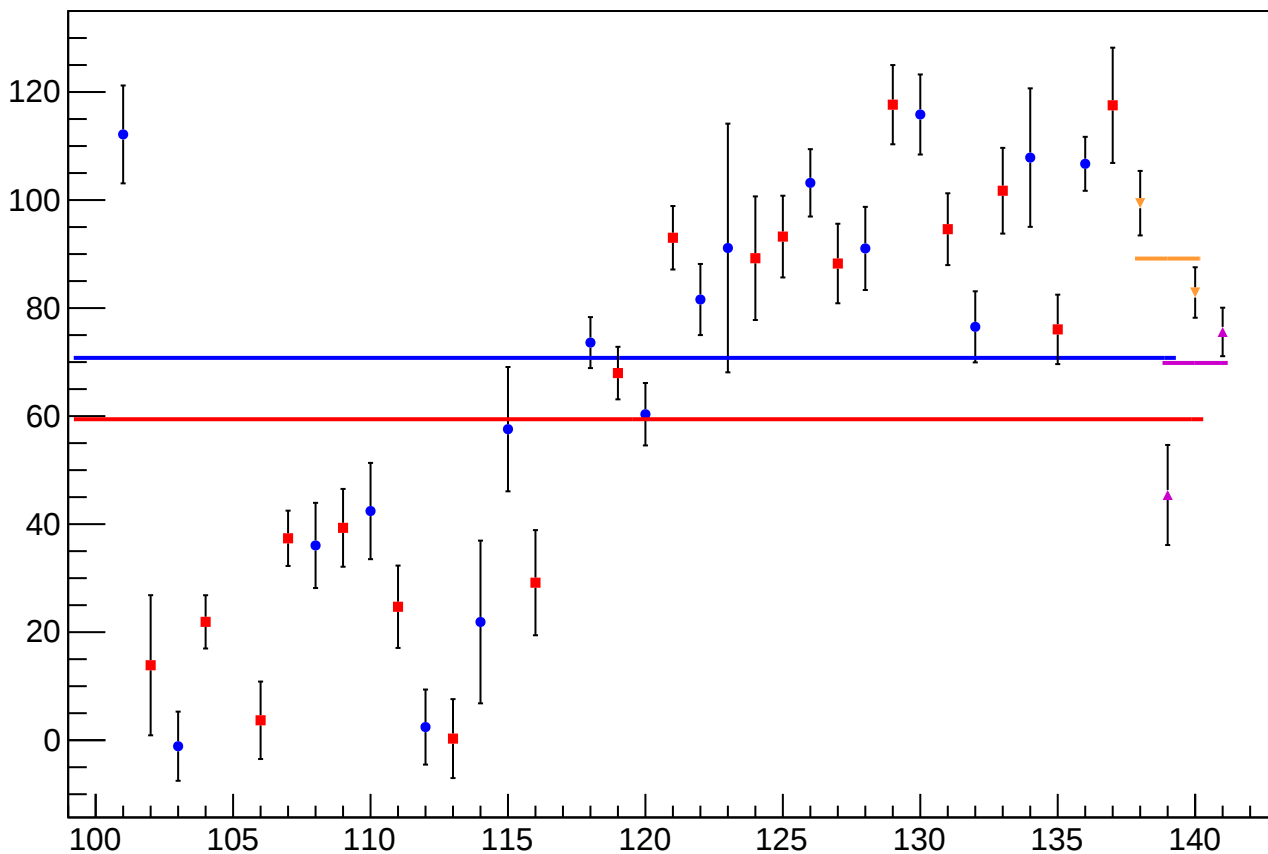
Right: 357.739+/-1.880 χ^2/NDF : 5882.3/34

In: 356.934+/-2.275 χ^2/NDF : 2563.1/18

Out: 318.072+/-2.120 χ^2/NDF : 3766.2/19

All: 336.128+/-1.551 χ^2/NDF : 6485.5/38

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: 89.167 $\pm$ 3.681 χ^2/NDF : 4.8/1

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 69.842 $\pm$ 4.039 χ^2/NDF : 8.6/1

Left: 80.399 $\pm$ 2.721 χ^2/NDF : 25.9/3

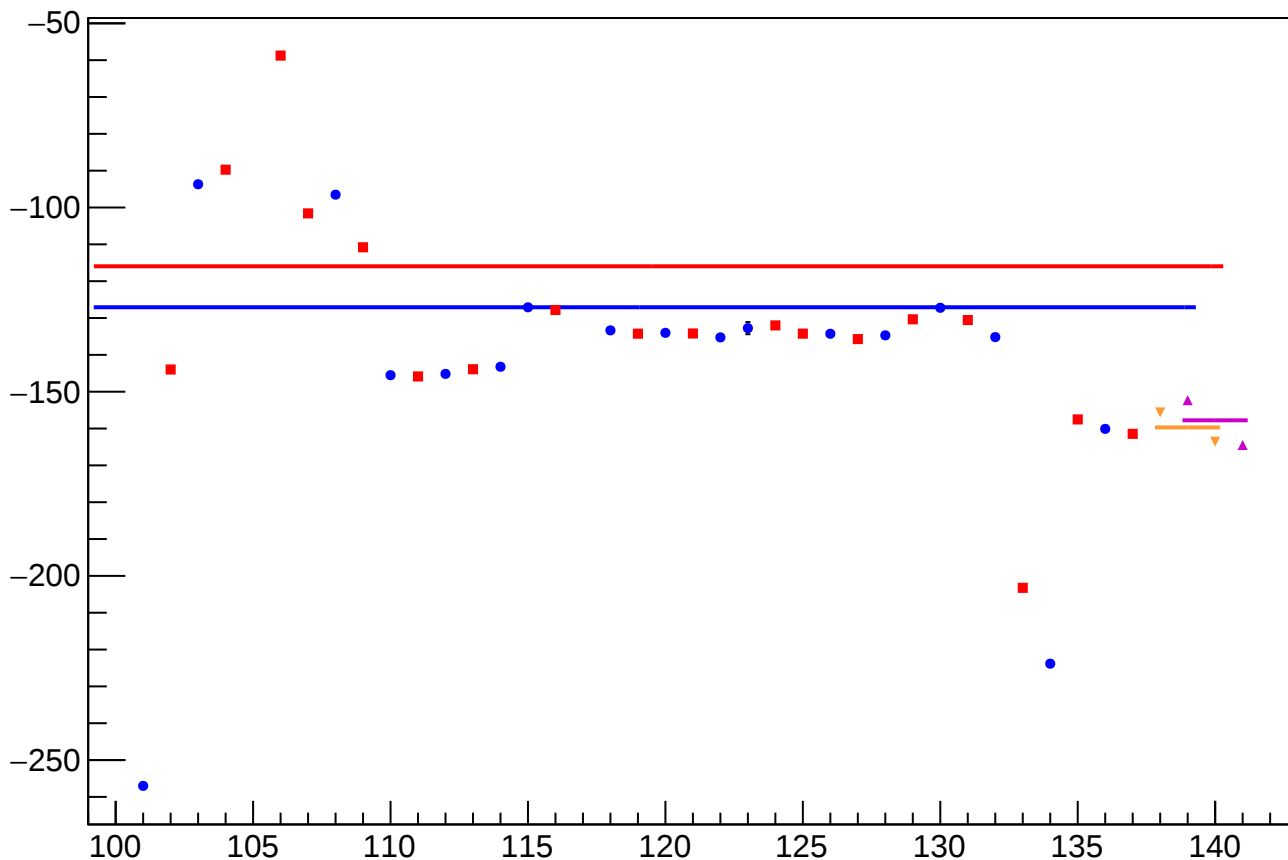
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 70.633 $\pm$ 1.603 χ^2/NDF : 432.6/18

Out: 64.308 $\pm$ 1.492 χ^2/NDF : 545.9/19

All: 67.243 $\pm$ 1.092 χ^2/NDF : 986.8/38

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: -159.696+/-0.158 χ^2/NDF : 635.0/1

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -157.770+/-0.151 χ^2/NDF : 1604.2/1

Left: -158.693+/-0.109 χ^2/NDF : 2317.0/3

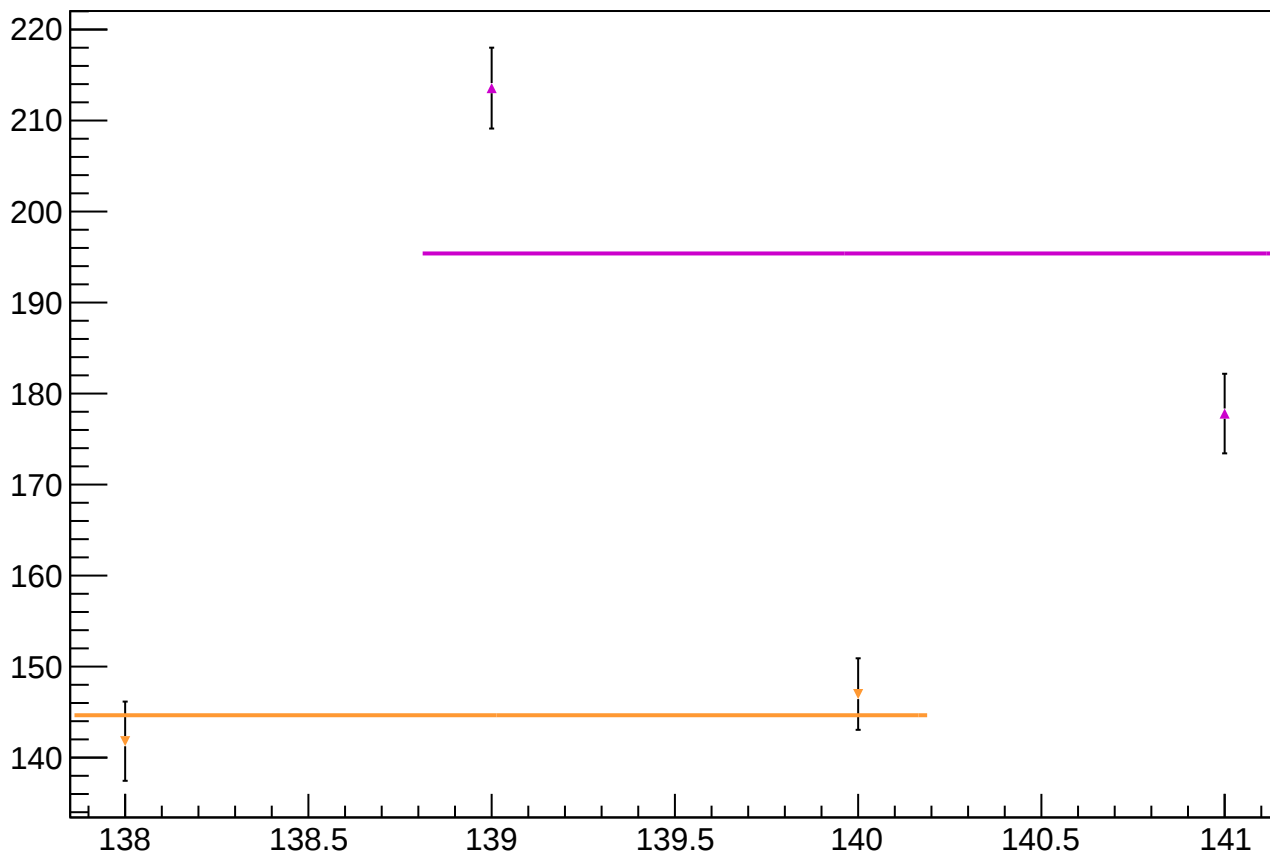
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -135.052+/-0.077 χ^2/NDF : 199176.5/18

Out: -125.463+/-0.073 χ^2/NDF : 219931.7/19

All: -130.030+/-0.053 χ^2/NDF : 427226.1/38

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: 144.655+/-2.917 χ^2 /NDF:0.8/1

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 195.394+/-3.116 χ^2 /NDF:32.9/1

Left: 168.348+/-2.130 χ^2 /NDF: 175.0/3

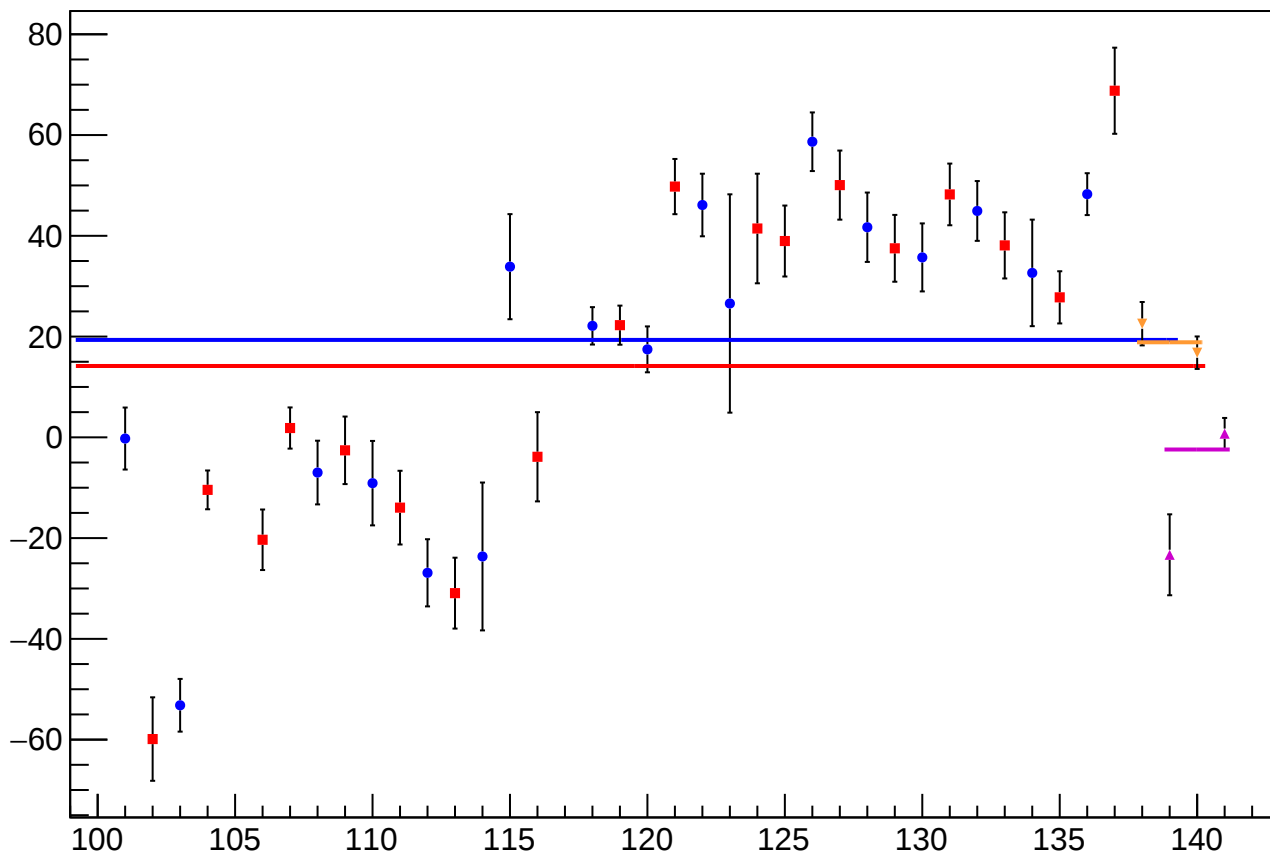
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 195.394+/-3.116 χ^2 /NDF:32.9/1

Out: 144.655+/-2.917 χ^2 /NDF:0.8/1

All: 168.348+/-2.130 χ^2 /NDF: 175.0/3

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: 18.867+/-2.580 χ^2/NDF : 1.1/1

Right Out: 14.162+/-1.391 χ^2/NDF : 426.0/17

Left In: -2.416+/-2.906 χ^2/NDF : 7.8/1

Left: 9.486+/-1.930 χ^2/NDF : 38.9/3

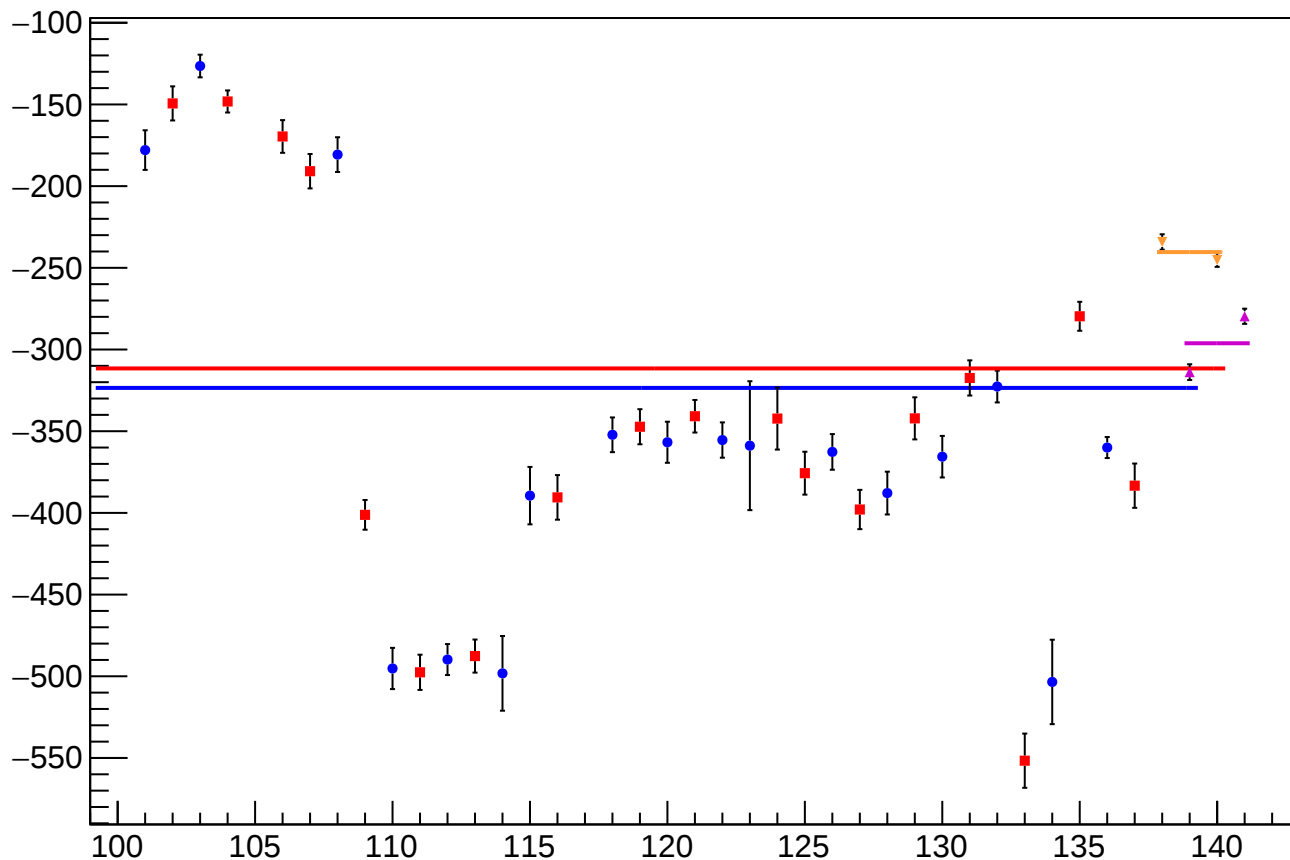
Right: 16.585+/-1.014 χ^2/NDF : 872.4/34

In: 14.847+/-1.320 χ^2/NDF : 492.1/18

Out: 15.221+/-1.225 χ^2/NDF : 429.8/19

All: 15.048+/-0.898 χ^2/NDF : 921.9/38

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -240.365 ± 3.131 χ^2/NDF : 3.1/1

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -296.170 ± 3.342 χ^2/NDF : 26.1/1

Left: -266.446 ± 2.285 χ^2/NDF : 177.7/3

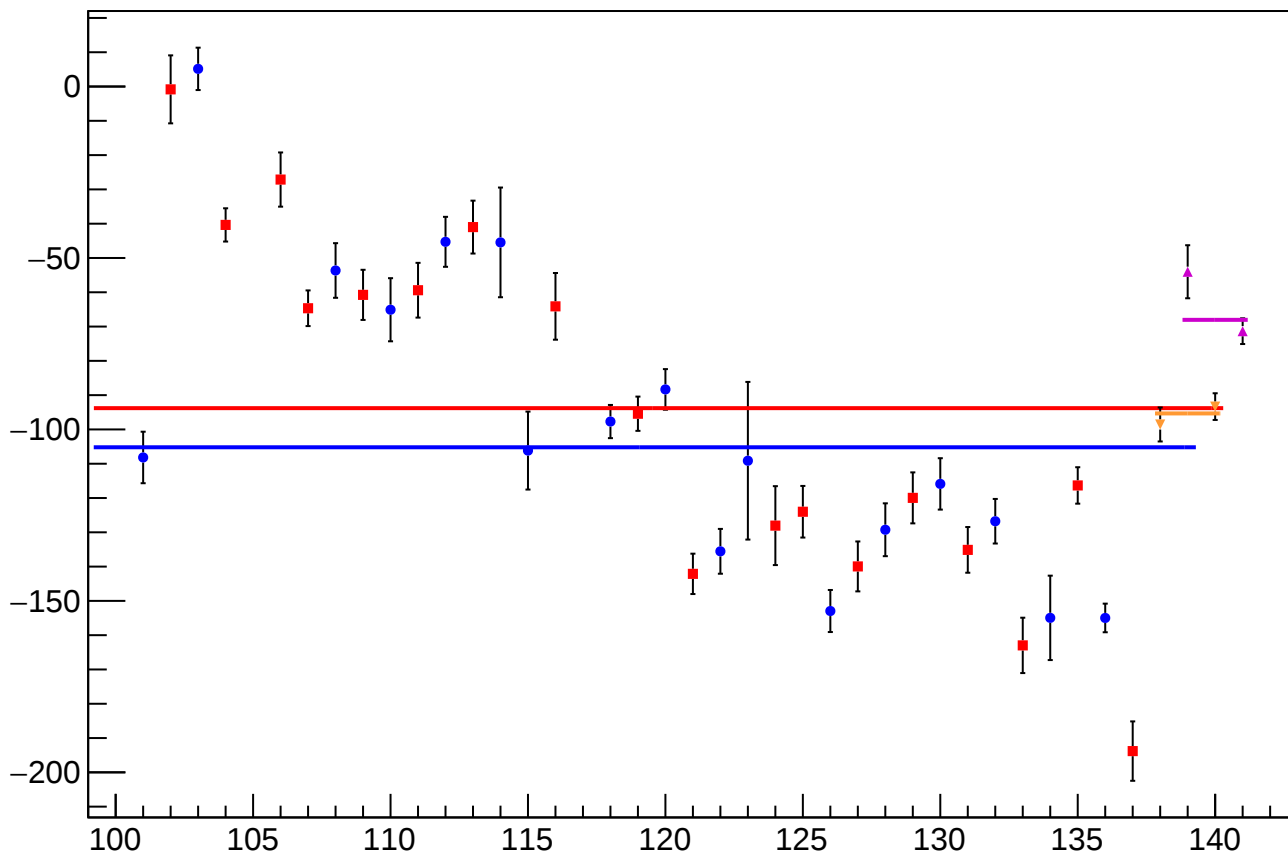
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -312.834 ± 2.087 χ^2/NDF : 1914.4/18

Out: -283.481 ± 1.966 χ^2/NDF : 2560.1/19

All: -297.282 ± 1.431 χ^2/NDF : 4579.4/38

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 $\chi^2/\text{NDF}: 735.6/16$

Left Out: -95.333 ± 3.059 $\chi^2/\text{NDF}: 0.7/1$

Right Out: -93.793 ± 1.611 $\chi^2/\text{NDF}: 815.4/17$

Left In: -68.041 ± 3.376 $\chi^2/\text{NDF}: 4.1/1$

Left: -83.027 ± 2.267 $\chi^2/\text{NDF}: 40.6/3$

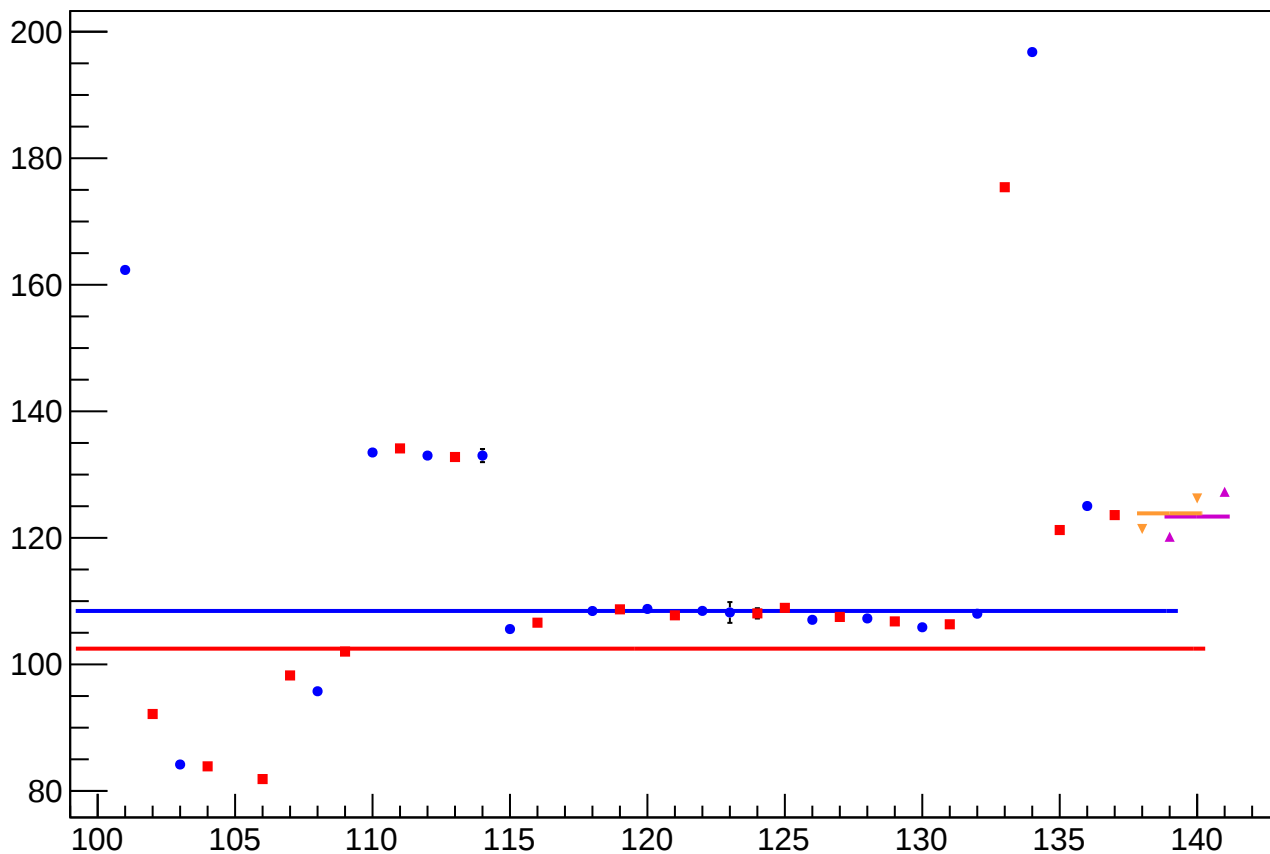
Right: -99.203 ± 1.168 $\chi^2/\text{NDF}: 1574.8/34$

In: -97.710 ± 1.516 $\chi^2/\text{NDF}: 836.4/18$

Out: -94.128 ± 1.426 $\chi^2/\text{NDF}: 816.3/19$

All: -95.809 ± 1.039 $\chi^2/\text{NDF}: 1655.7/38$

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: 123.873 $\pm$ 0.131 χ^2 /NDF:339.9/1

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 123.367 $\pm$ 0.126 χ^2 /NDF:784.7/1

Left: 123.611 $\pm$ 0.091 χ^2 /NDF: 1132.4/3

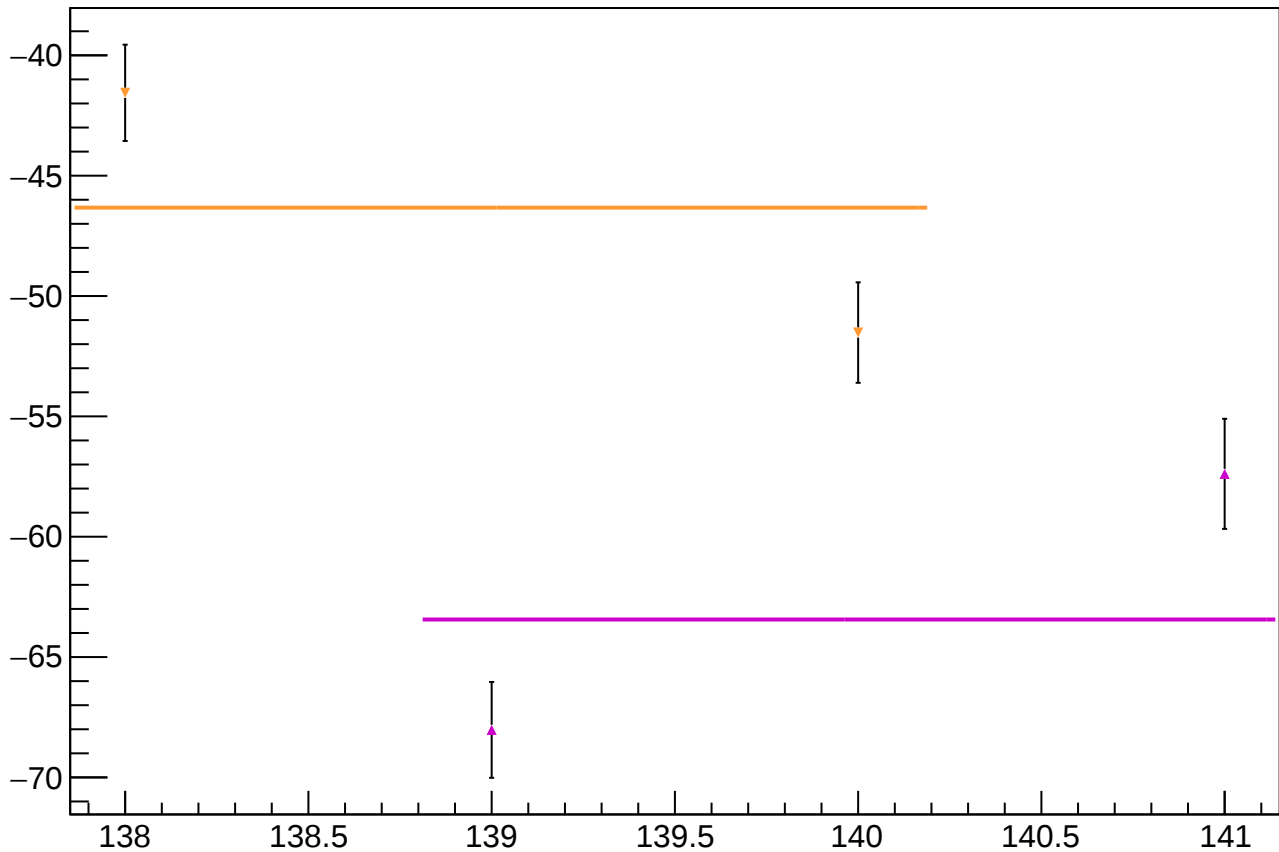
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 113.090 $\pm$ 0.070 χ^2 /NDF:83681.6/18

Out: 108.261 $\pm$ 0.068 χ^2 /NDF:72725.1/19

All: 110.593 $\pm$ 0.049 χ^2 /NDF: 158840.4/38

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: -46.327+/-1.444 χ^2/NDF :11.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.440+/-1.501 χ^2/NDF :12.3/1

Left: -54.552+/-1.041 χ^2/NDF : 91.6/3

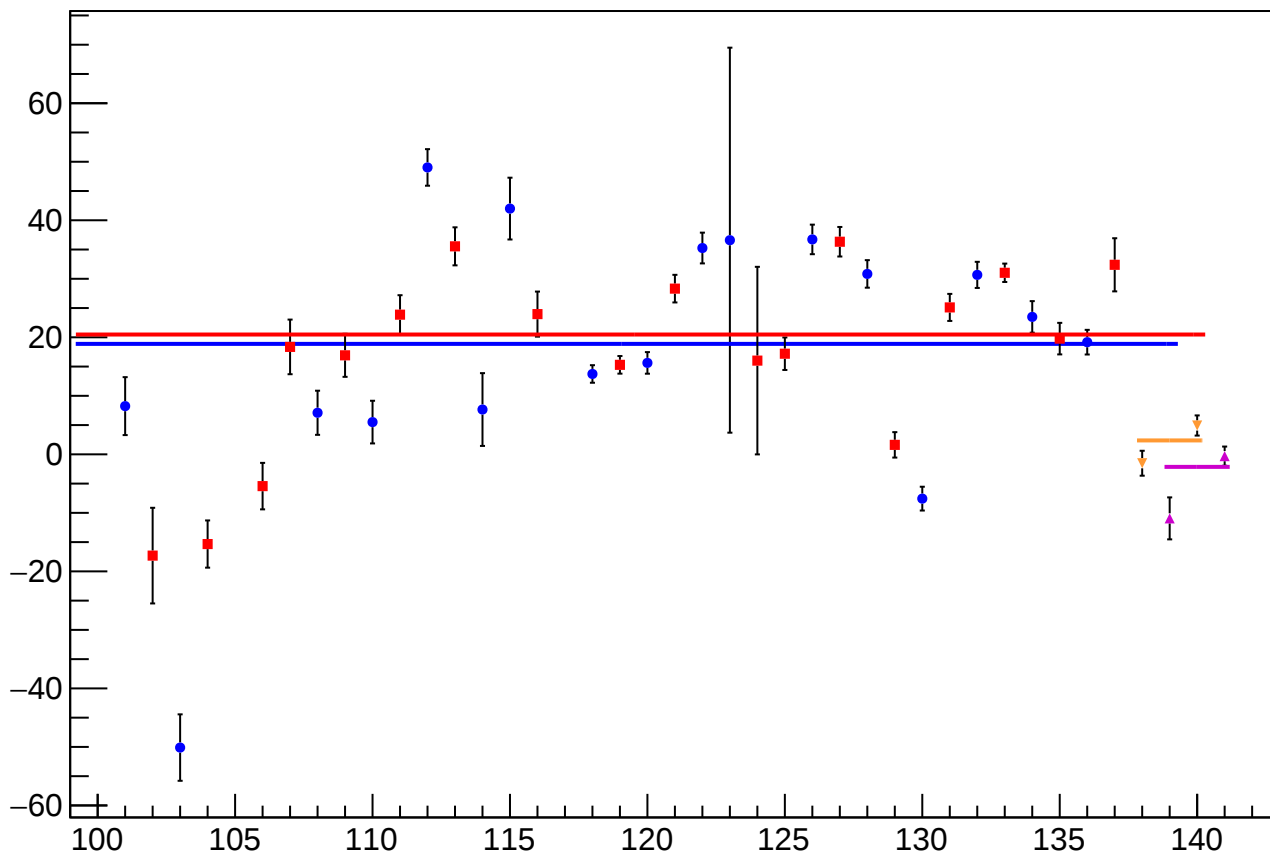
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.440+/-1.501 χ^2/NDF :12.3/1

Out: -46.327+/-1.444 χ^2/NDF :11.9/1

All: -54.552+/-1.041 χ^2/NDF : 91.6/3

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: 2.377 $\pm$ 1.340 χ^2 /NDF: 5.5/1

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: -2.143 $\pm$ 1.490 χ^2 /NDF: 7.3/1

Left: 0.356 $\pm$ 0.996 χ^2 /NDF: 17.9/3

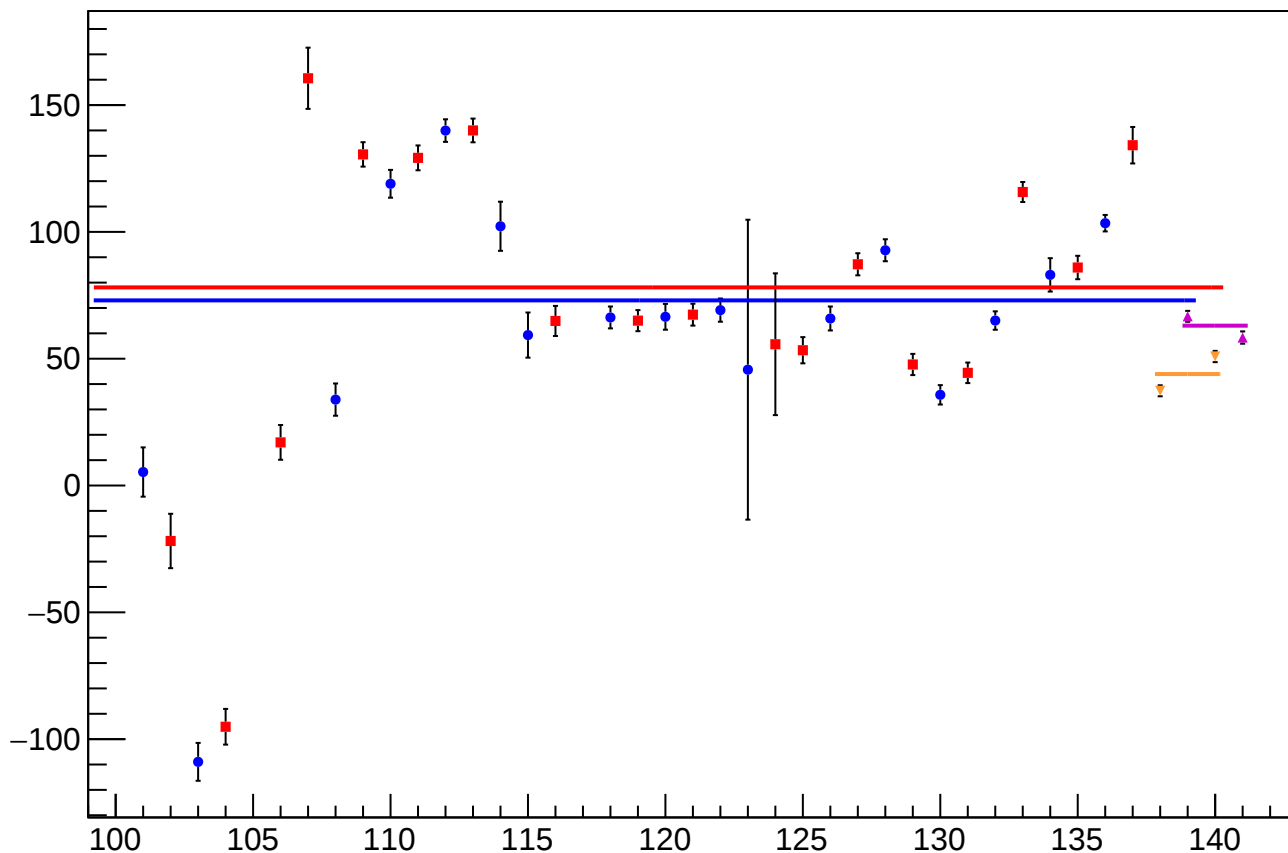
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 15.563 $\pm$ 0.591 χ^2 /NDF: 795.4/18

Out: 17.081 $\pm$ 0.580 χ^2 /NDF: 516.2/19

All: 16.337 $\pm$ 0.414 χ^2 /NDF: 1315.0/38

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: 43.946 $\pm$ 1.553 χ^2 /NDF:18.9/1

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 63.028 $\pm$ 1.613 χ^2 /NDF:6.6/1

Left: 53.126 $\pm$ 1.119 χ^2 /NDF: 98.2/3

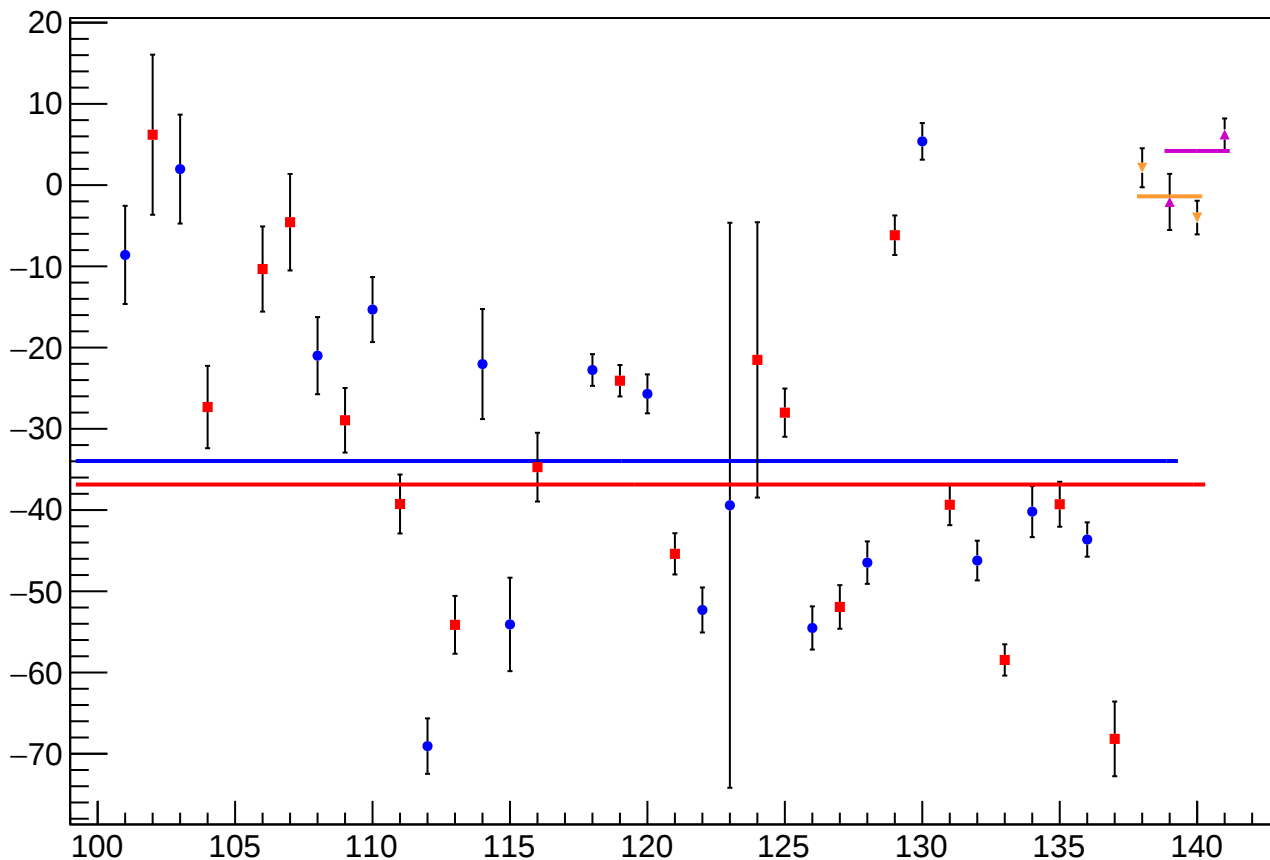
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 69.328 $\pm$ 0.978 χ^2 /NDF:1236.2/18

Out: 65.026 $\pm$ 0.961 χ^2 /NDF:1864.4/19

All: 67.140 $\pm$ 0.686 χ^2 /NDF: 3110.5/38

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: -1.382 ± 1.568 χ^2/NDF : 3.7/1

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: 4.206 ± 1.708 χ^2/NDF : 4.4/1

Left: 1.172 ± 1.155 χ^2/NDF : 13.9/3

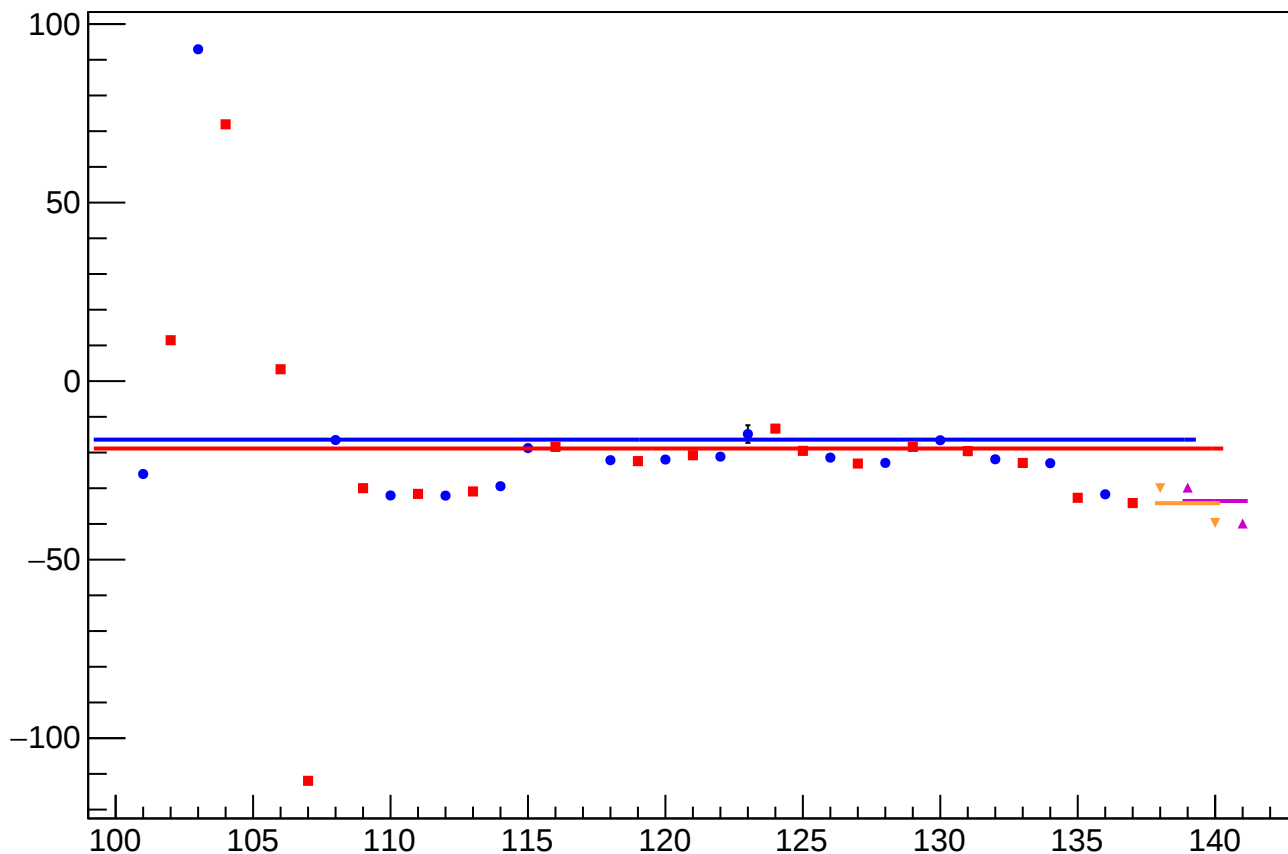
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -27.968 ± 0.677 χ^2/NDF : 1147.1/18

Out: -30.435 ± 0.667 χ^2/NDF : 958.5/19

All: -29.220 ± 0.475 χ^2/NDF : 2112.3/38

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: -34.188 ± 0.064 $\chi^2/\text{NDF}: 5722.6/1$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -33.579 ± 0.060 $\chi^2/\text{NDF}: 6579.0/1$

Left: -33.865 ± 0.044 $\chi^2/\text{NDF}: 12350.1/3$

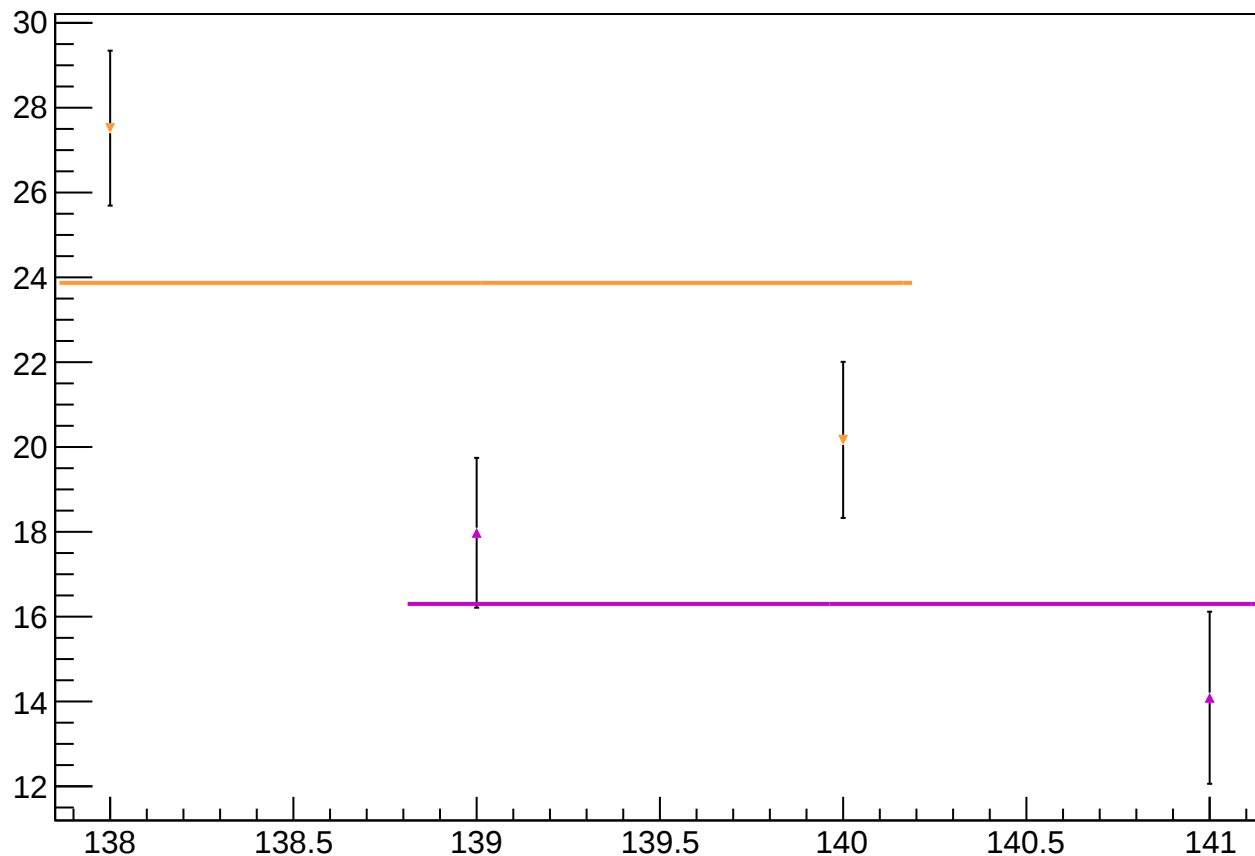
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -22.481 ± 0.036 $\chi^2/\text{NDF}: 533872.9/18$

Out: -24.017 ± 0.037 $\chi^2/\text{NDF}: 477497.1/19$

All: -23.224 ± 0.026 $\chi^2/\text{NDF}: 1012263.9/38$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.871+/-1.296 χ^2/NDF : 8.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.300+/-1.332 χ^2/NDF : 2.1/1

Left: 20.189+/-0.929 χ^2/NDF : 26.7/3

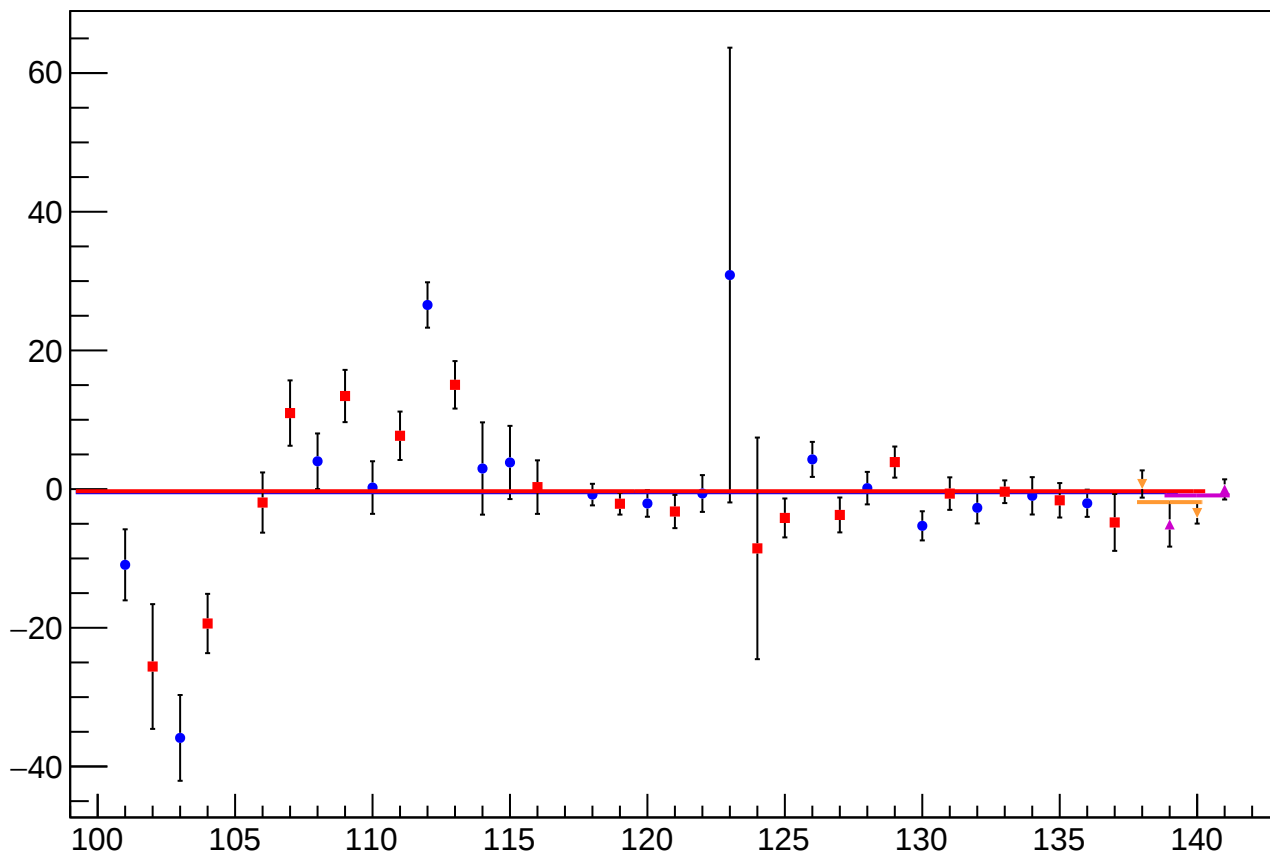
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.300+/-1.332 χ^2/NDF : 2.1/1

Out: 23.871+/-1.296 χ^2/NDF : 8.0/1

All: 20.189+/-0.929 χ^2/NDF : 26.7/3

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: -1.875 ± 1.204 χ^2/NDF : 2.8/1

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.911 ± 1.326 χ^2/NDF : 2.1/1

Left: -1.439 ± 0.891 χ^2/NDF : 5.2/3

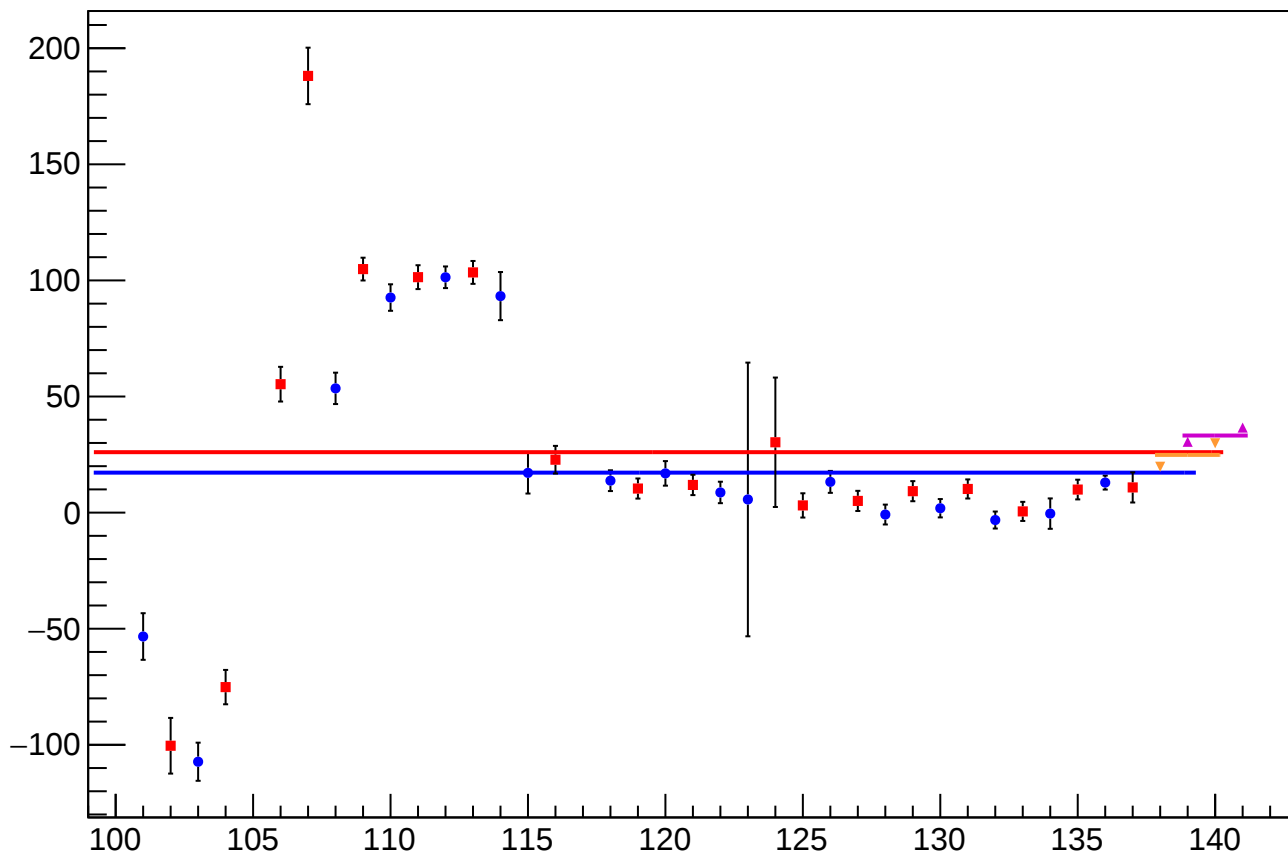
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.542 ± 0.587 χ^2/NDF : 121.7/18

Out: -0.666 ± 0.577 χ^2/NDF : 88.3/19

All: -0.605 ± 0.411 χ^2/NDF : 210.0/38

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: 24.860+/-1.394 χ^2/NDF :13.1/1

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 33.199+/-1.431 χ^2/NDF :4.5/1

Left: 28.921+/-0.998 χ^2/NDF : 35.1/3

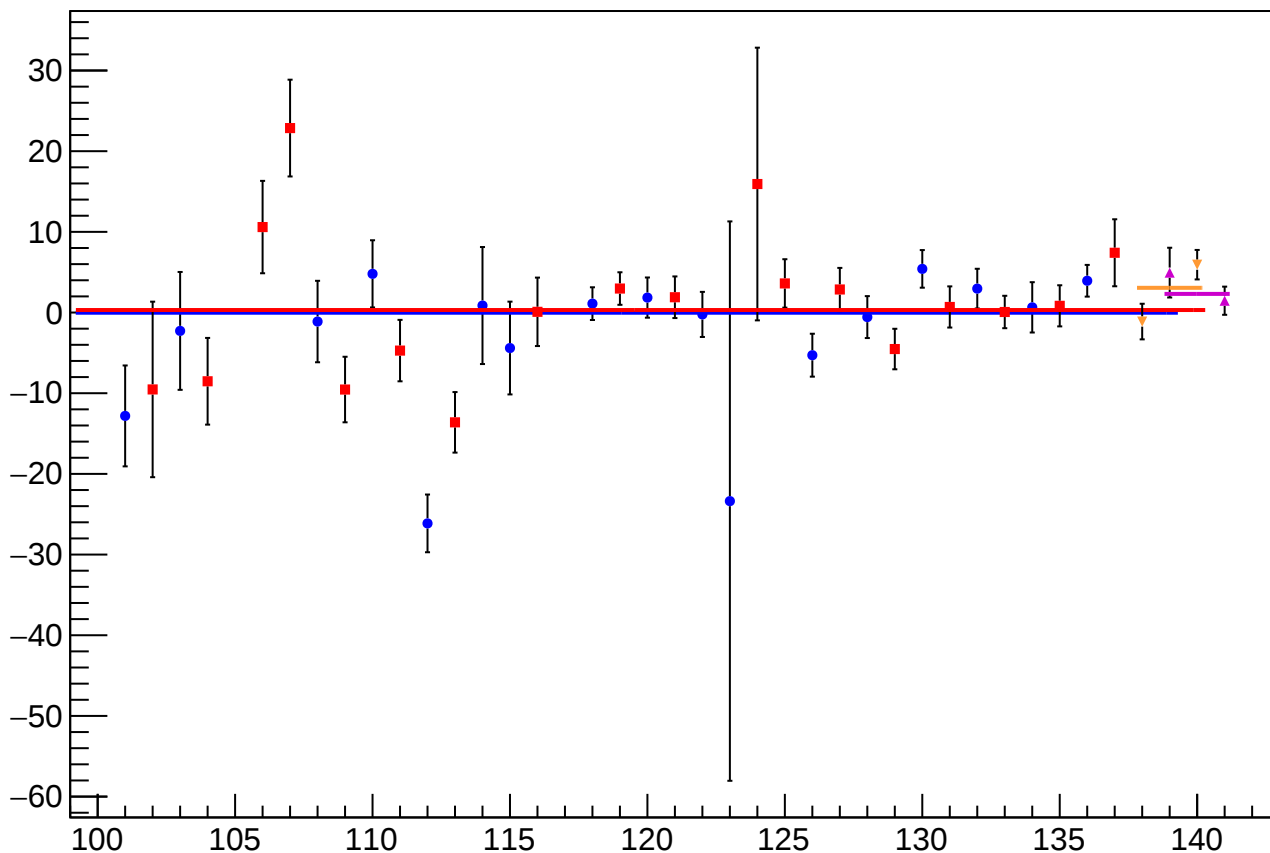
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 24.079+/-0.937 χ^2/NDF :1015.8/18

Out: 25.513+/-0.928 χ^2/NDF :1379.5/19

All: 24.803+/-0.660 χ^2/NDF : 2396.5/38

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: 3.064+/-1.407 χ^2 /NDF:6.1/1

Right Out: 0.311+/-0.749 χ^2 /NDF: 54.1/17

Left In: 2.310+/-1.519 χ^2 /NDF:1.0/1

Left: 2.716+/-1.032 χ^2 /NDF: 7.2/3

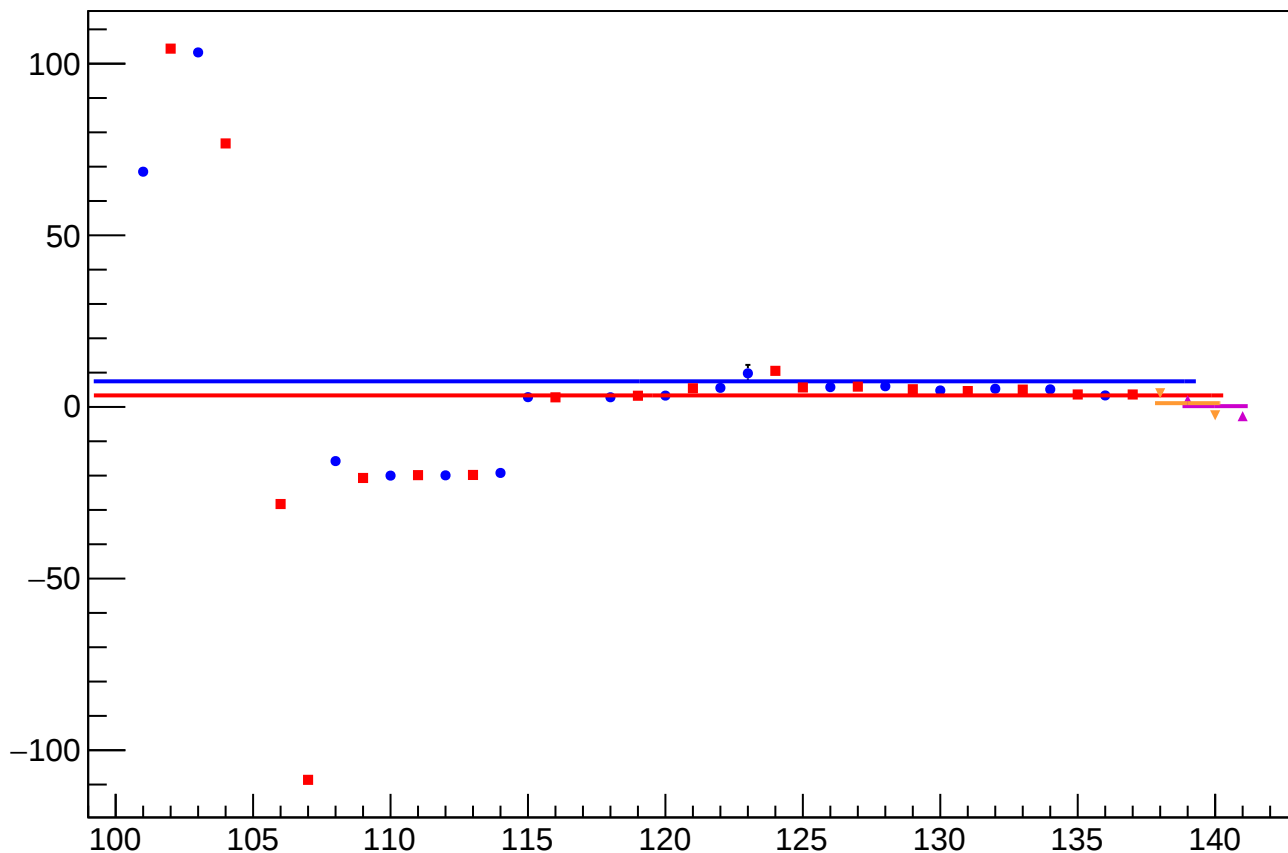
Right: 0.144+/-0.528 χ^2 /NDF: 130.0/34

In: 0.430+/-0.669 χ^2 /NDF:78.7/18

Out: 0.919+/-0.662 χ^2 /NDF:63.1/19

All: 0.678+/-0.470 χ^2 /NDF: 142.1/38

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: 1.104 $\pm$ 0.057 χ^2 /NDF:3135.5/1

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: 0.236 $\pm$ 0.053 χ^2 /NDF:1827.0/1

Left: 0.641 $\pm$ 0.039 χ^2 /NDF: 5085.8/3

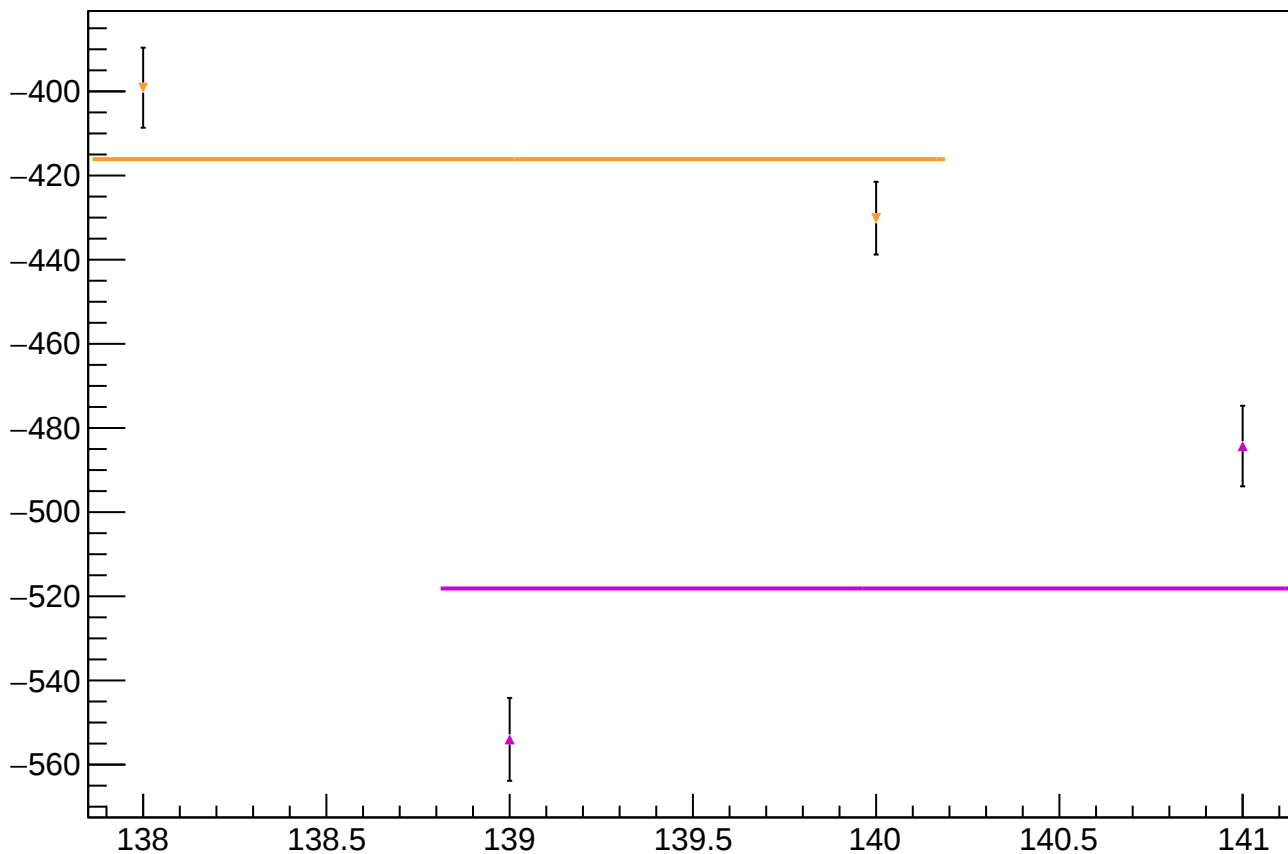
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 4.503 $\pm$ 0.034 χ^2 /NDF:368554.2/18

Out: 2.482 $\pm$ 0.036 χ^2 /NDF:508902.4/19

All: 3.535 $\pm$ 0.025 χ^2 /NDF: 879133.8/38

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: -416.111+/-6.397 χ^2/NDF :5.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -518.141+/-6.863 χ^2/NDF :25.8/1

Left: -463.542+/-4.679 χ^2/NDF : 149.9/3

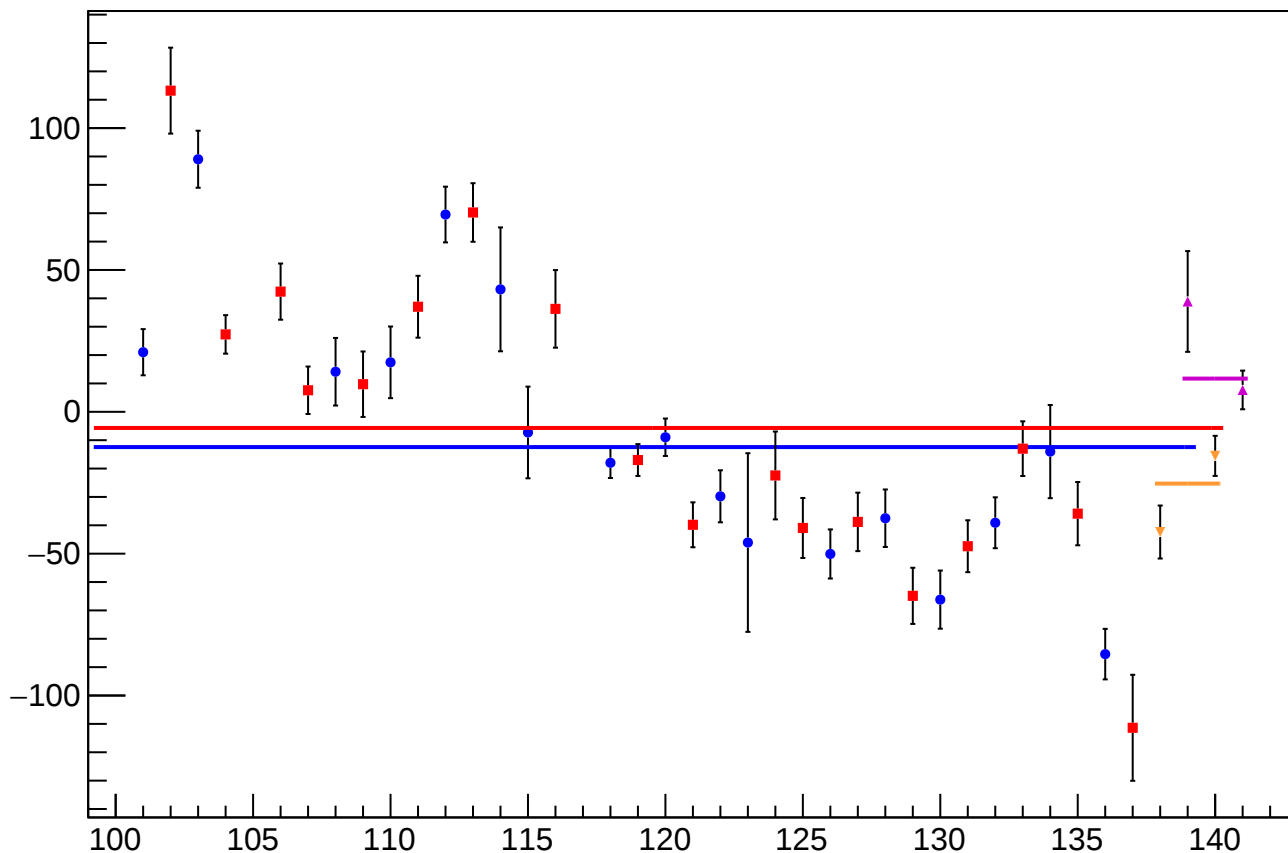
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -518.141+/-6.863 χ^2/NDF :25.8/1

Out: -416.111+/-6.397 χ^2/NDF :5.8/1

All: -463.542+/-4.679 χ^2/NDF : 149.9/3

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -25.300 ± 5.635 χ^2/NDF : 5.3/1

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 11.713 ± 6.361 χ^2/NDF : 2.7/1

Left: -9.023 ± 4.218 χ^2/NDF : 26.9/3

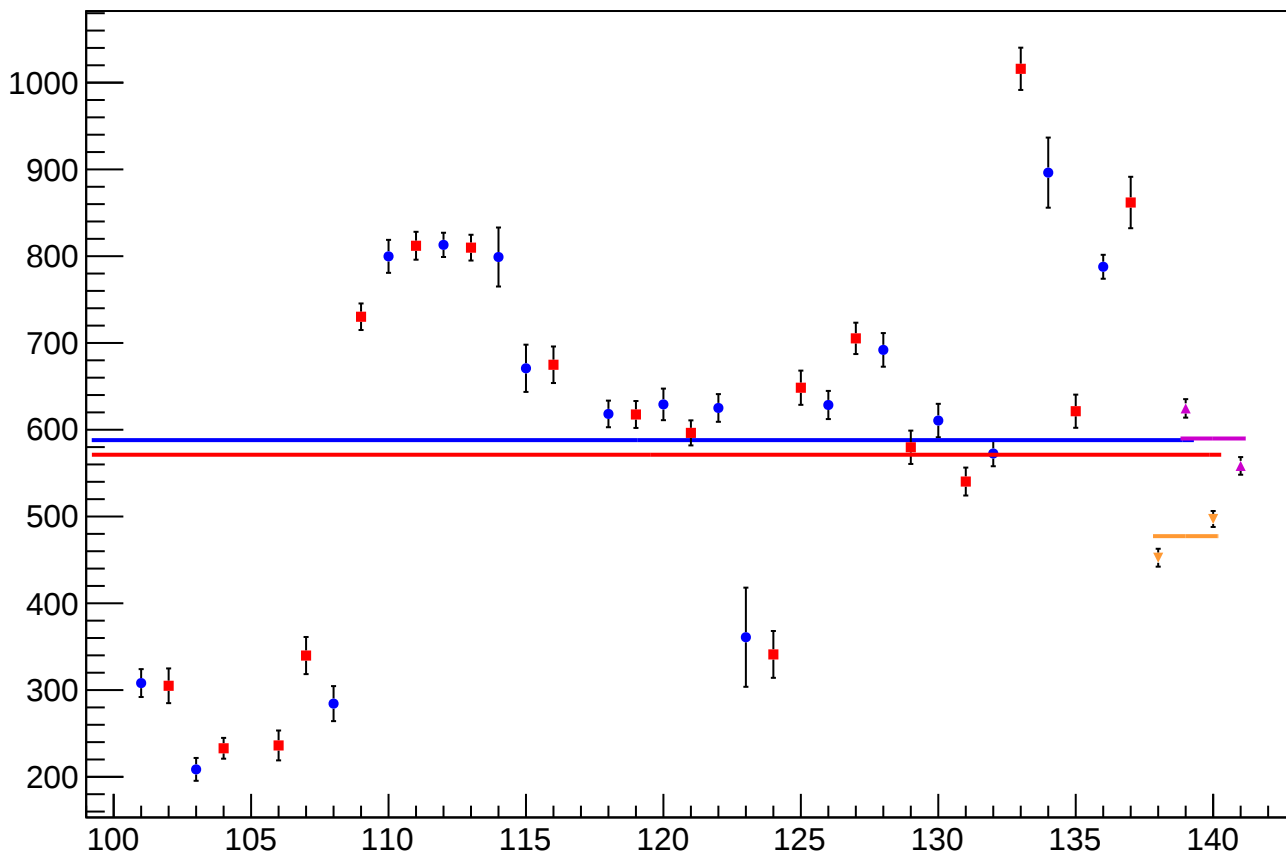
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -9.607 ± 2.175 χ^2/NDF : 355.6/18

Out: -8.410 ± 2.100 χ^2/NDF : 349.3/19

All: -8.987 ± 1.511 χ^2/NDF : 705.1/38

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034+/-4.329 χ^2/NDF : 2127.7/16

Left Out: 477.371+/-6.865 χ^2/NDF :10.4/1

Right Out: 571.196+/-4.151 χ^2/NDF : 2680.4/17

Left In: 589.905+/-7.360 χ^2/NDF :20.2/1

Left: 529.724+/-5.020 χ^2/NDF : 155.7/3

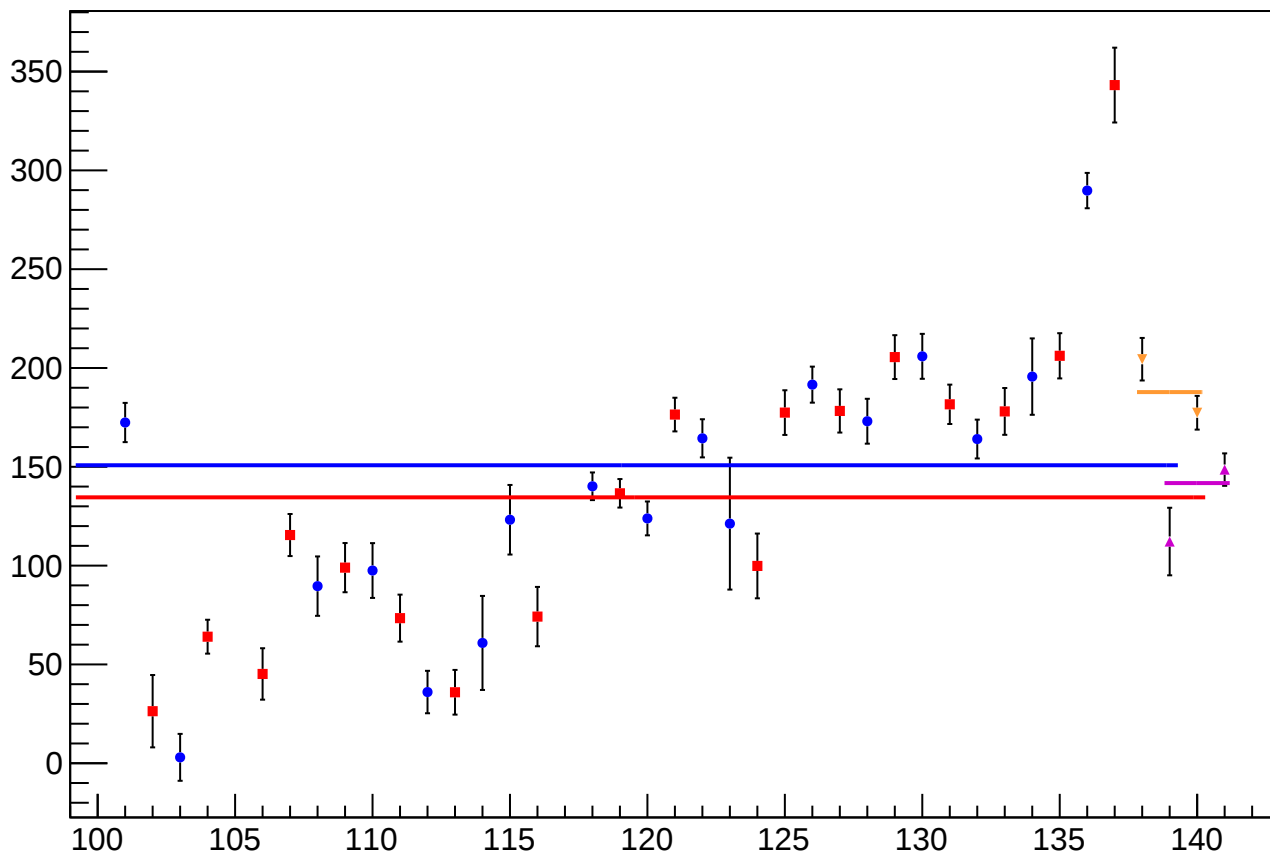
Right: 579.261+/-2.996 χ^2/NDF : 4816.0/34

In: 588.515+/-3.731 χ^2/NDF :2148.0/18

Out: 546.080+/-3.552 χ^2/NDF :2827.6/19

All: 566.253+/-2.573 χ^2/NDF : 5043.4/38

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785+/-2.679 χ^2/NDF : 633.1/16

Left Out: 187.813+/-6.689 χ^2/NDF : 3.9/1

Right Out: 134.549+/-2.619 χ^2/NDF : 576.2/17

Left In: 141.766+/-7.399 χ^2/NDF : 3.7/1

Left: 167.105+/-4.962 χ^2/NDF : 28.9/3

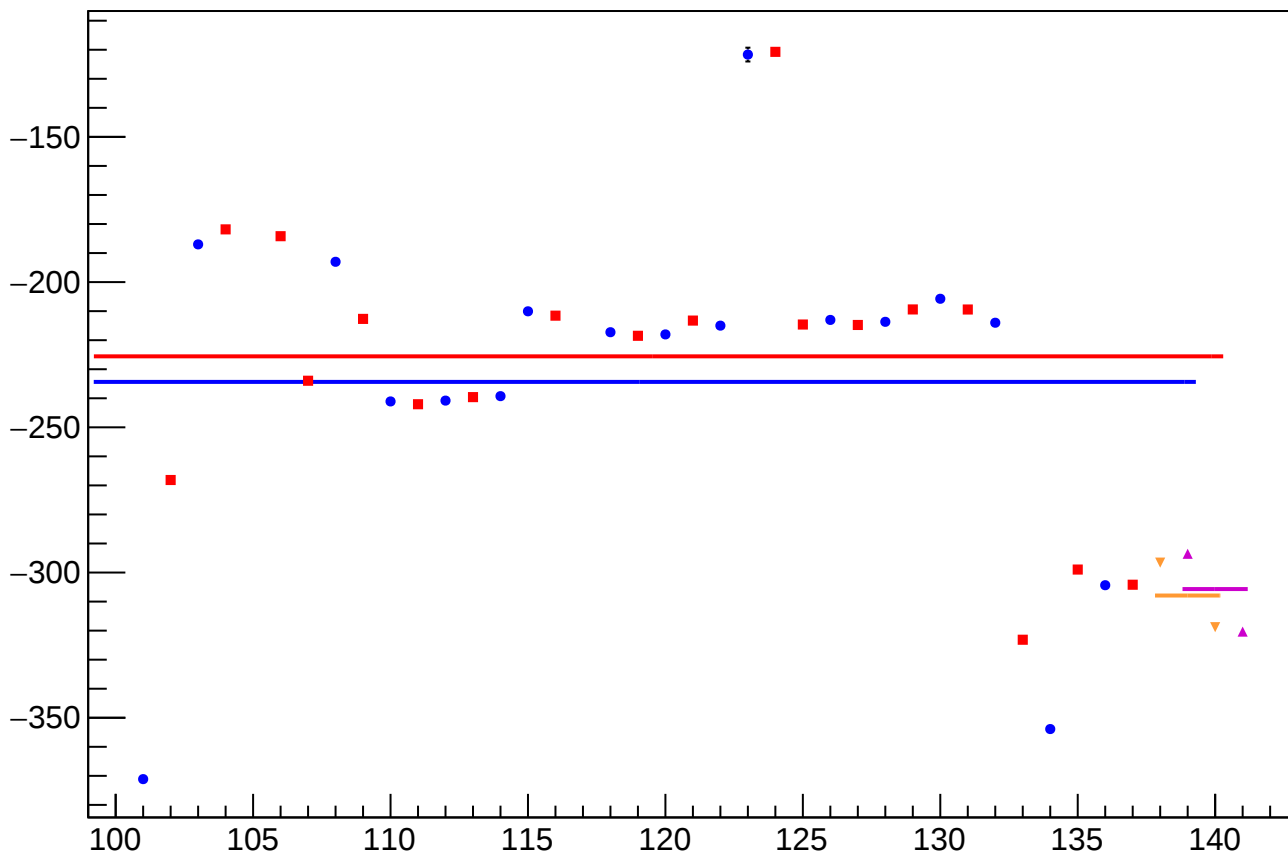
Right: 142.483+/-1.873 χ^2/NDF : 1228.1/34

In: 149.740+/-2.519 χ^2/NDF : 638.1/18

Out: 141.631+/-2.439 χ^2/NDF : 635.1/19

All: 145.554+/-1.752 χ^2/NDF : 1278.6/38

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: -307.912+/-0.287 χ^2/NDF :1494.8/1

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -305.687+/-0.278 χ^2/NDF :2305.5/1

Left: -306.762+/-0.200 χ^2/NDF : 3831.2/3

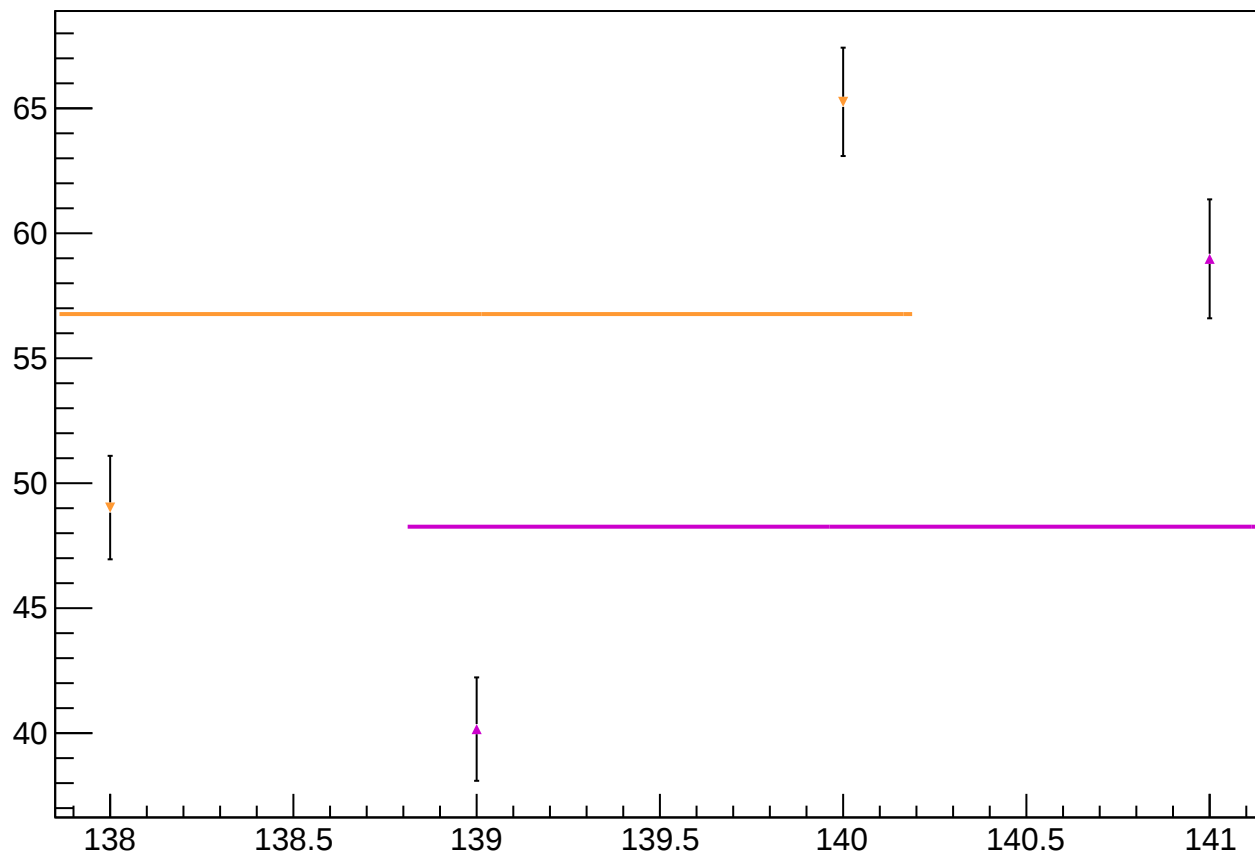
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -250.204+/-0.131 χ^2/NDF :198727.2/18

Out: -241.703+/-0.127 χ^2/NDF :160442.2/19

All: -245.832+/-0.091 χ^2/NDF : 361336.9/38

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: 56.768+/-1.497 χ^2/NDF :29.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.260+/-1.561 χ^2/NDF :35.6/1

Left: 52.692+/-1.081 χ^2/NDF : 80.4/3

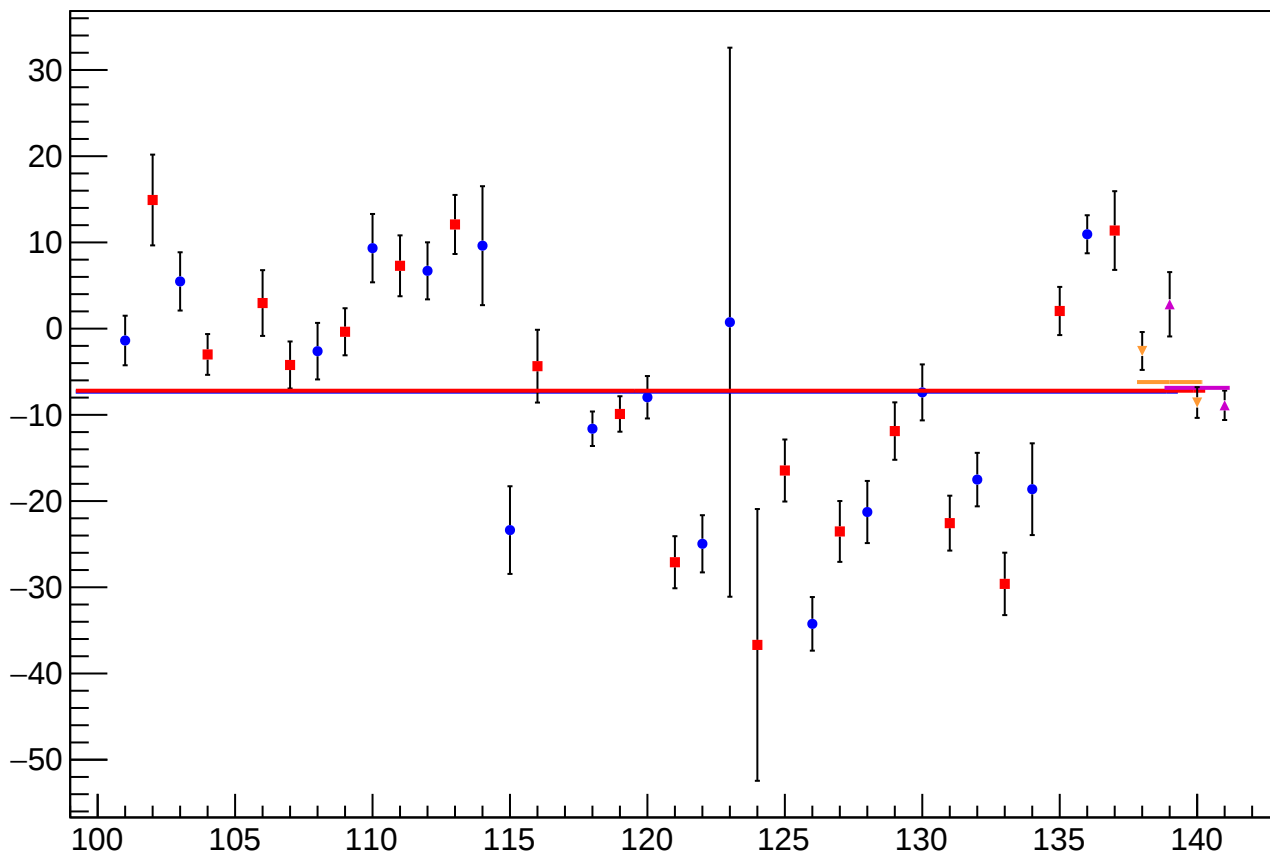
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.260+/-1.561 χ^2/NDF :35.6/1

Out: 56.768+/-1.497 χ^2/NDF :29.3/1

All: 52.692+/-1.081 χ^2/NDF : 80.4/3

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: -6.196 ± 1.385 χ^2/NDF : 4.5/1

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.869 ± 1.551 χ^2/NDF : 8.2/1

Left: -6.495 ± 1.033 χ^2/NDF : 12.7/3

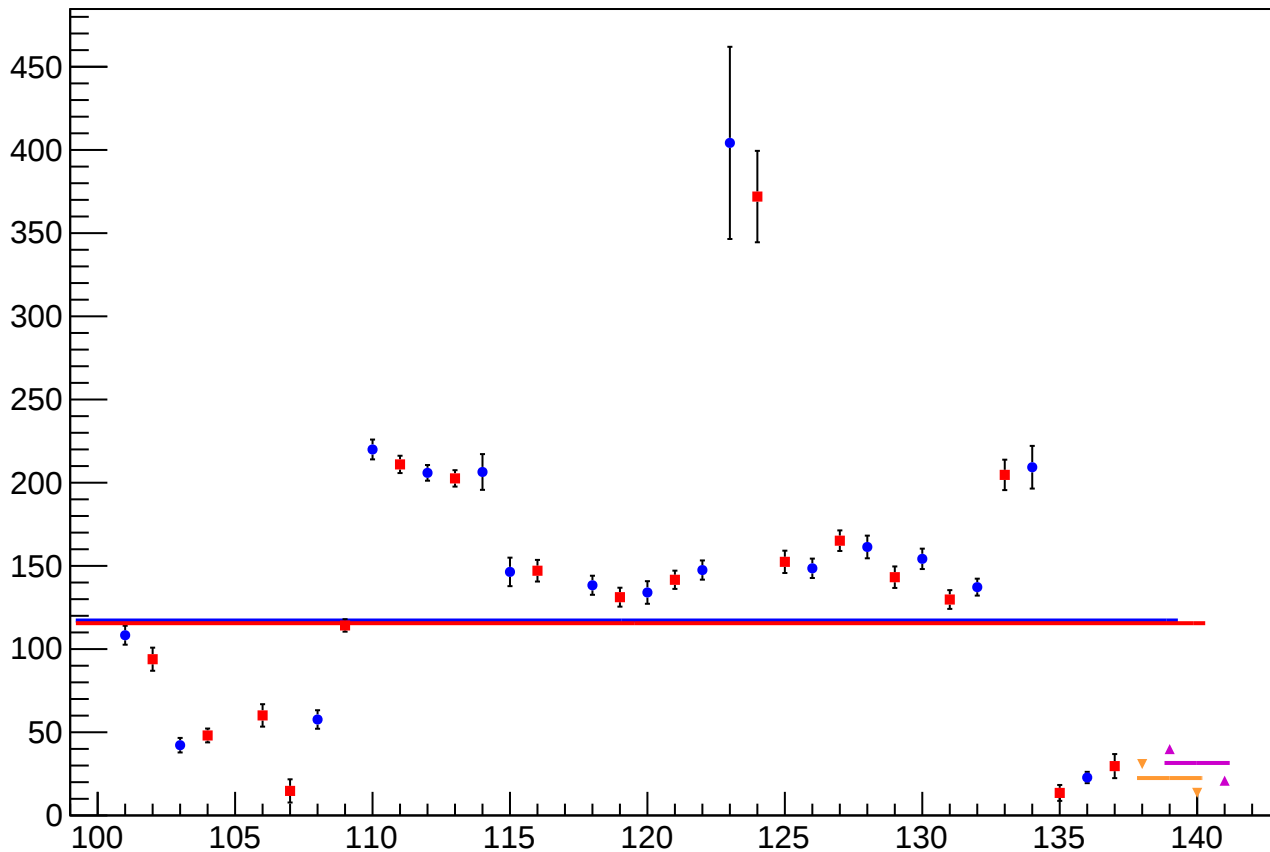
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -7.223 ± 0.697 χ^2/NDF : 287.3/18

Out: -6.969 ± 0.667 χ^2/NDF : 257.0/19

All: -7.090 ± 0.482 χ^2/NDF : 544.3/38

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: 22.482+/-1.610 χ^2/NDF :28.9/1

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 31.547+/-1.677 χ^2/NDF :31.6/1

Left: 26.829+/-1.161 χ^2/NDF : 75.7/3

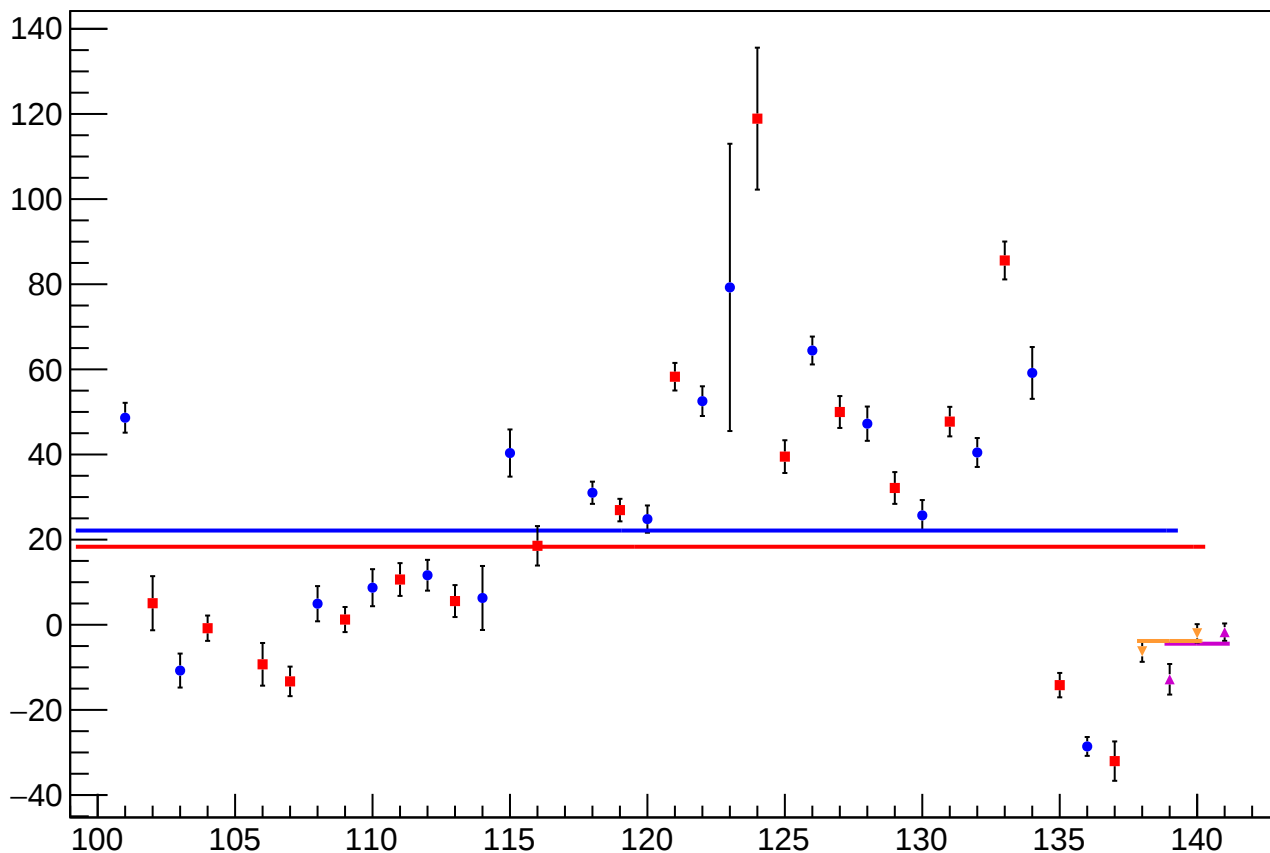
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 81.675+/-1.080 χ^2/NDF :3717.3/18

Out: 76.683+/-1.040 χ^2/NDF :4125.1/19

All: 79.086+/-0.749 χ^2/NDF : 7853.5/38

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: -3.810 $\pm$ 1.622 χ^2 /NDF:1.7/1

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -4.447 $\pm$ 1.778 χ^2 /NDF:7.2/1

Left: -4.099 $\pm$ 1.198 χ^2 /NDF: 8.9/3

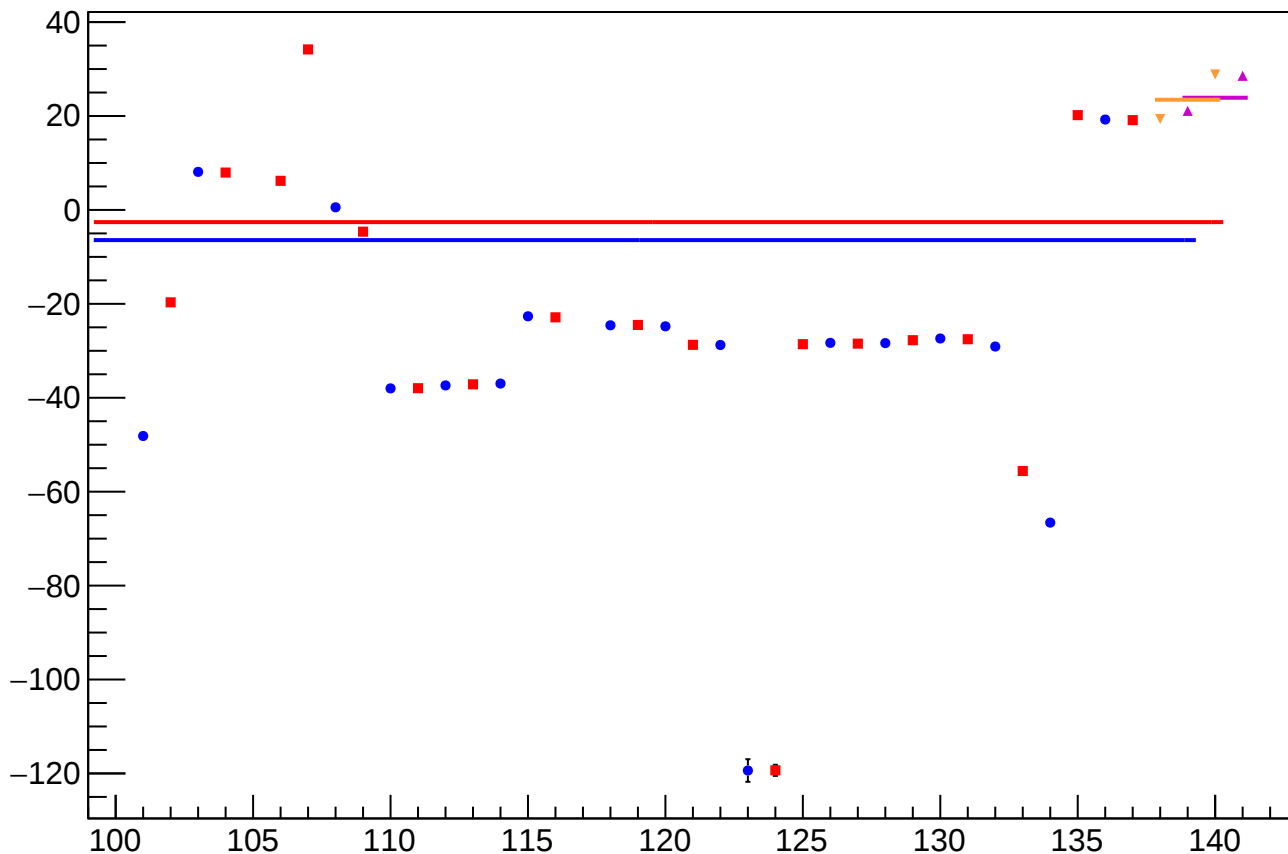
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 16.797 $\pm$ 0.797 χ^2 /NDF:1250.0/18

Out: 13.365 $\pm$ 0.768 χ^2 /NDF:1216.6/19

All: 15.018 $\pm$ 0.553 χ^2 /NDF: 2476.3/38

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: 23.463 ± 0.066 χ^2/NDF : 5093.8/1

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 23.891 ± 0.062 χ^2/NDF : 3359.9/1

Left: 23.689 ± 0.045 χ^2/NDF : 8476.0/3

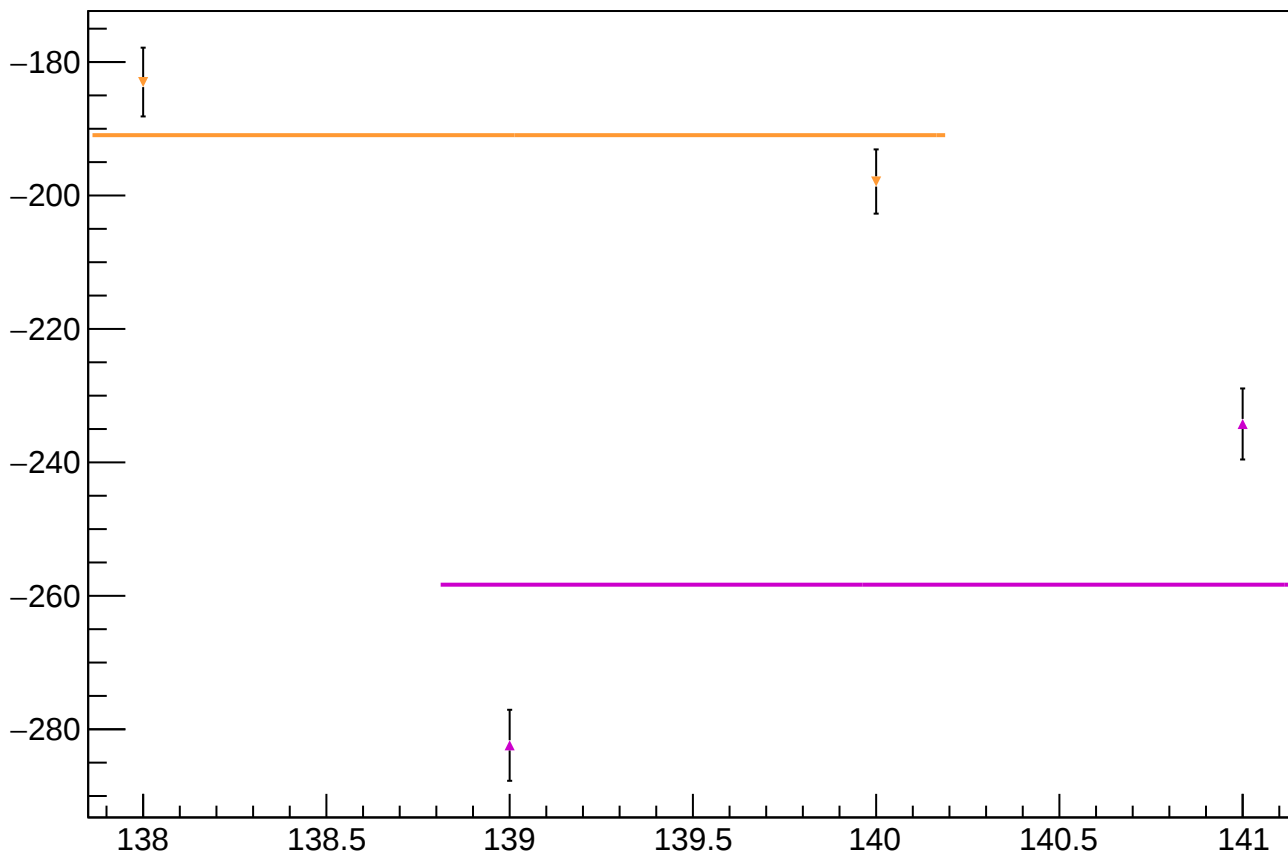
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 4.322 ± 0.037 χ^2/NDF : 421139.0/18

Out: 5.882 ± 0.038 χ^2/NDF : 374133.7/19

All: 5.092 ± 0.026 χ^2/NDF : 796144.9/38

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: -190.958+/-3.518 χ^2/NDF :4.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -258.330+/-3.763 χ^2/NDF :40.9/1

Left: -222.376+/-2.570 χ^2/NDF : 216.4/3

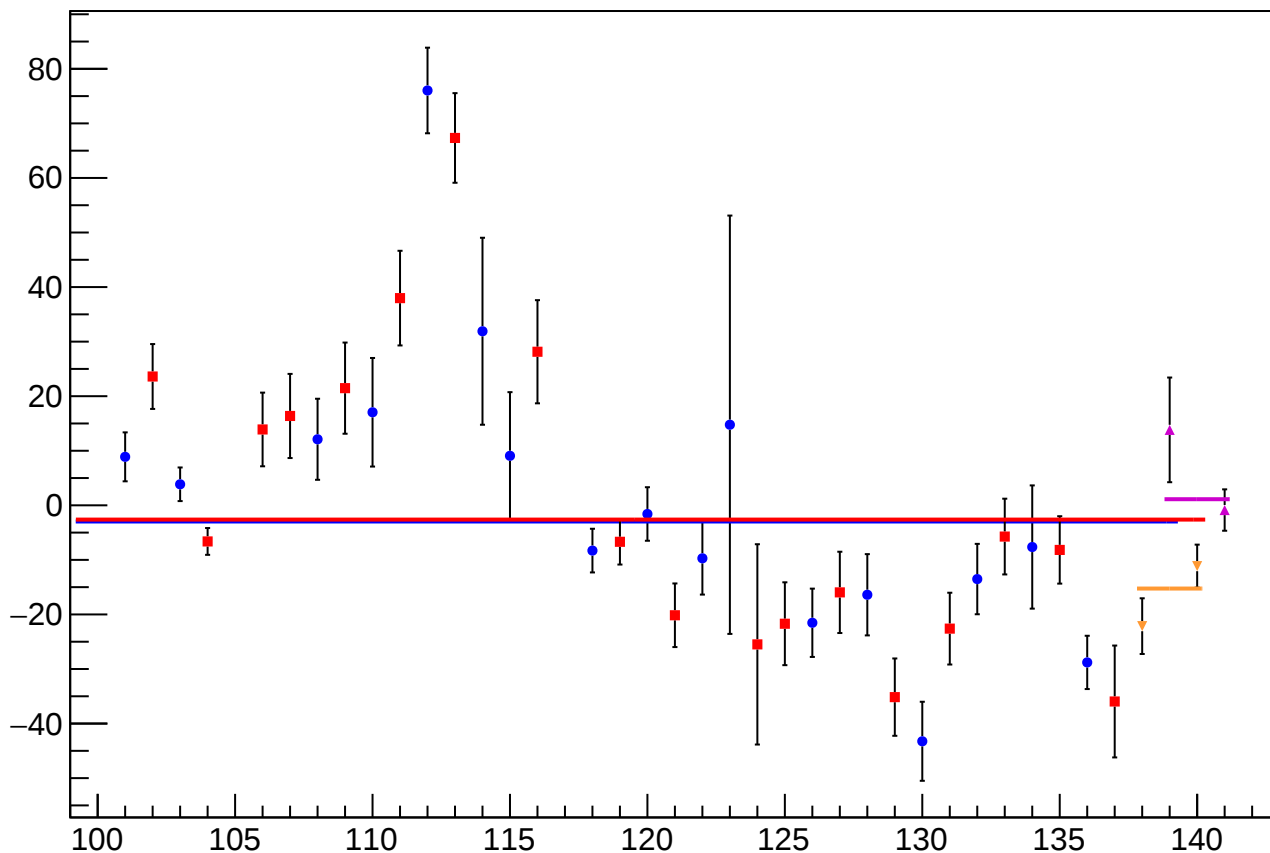
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.330+/-3.763 χ^2/NDF :40.9/1

Out: -190.958+/-3.518 χ^2/NDF :4.5/1

All: -222.376+/-2.570 χ^2/NDF : 216.4/3

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: -15.254 ± 3.119 χ^2/NDF : 2.9/1

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 1.119 ± 3.527 χ^2/NDF : 2.0/1

Left: -8.068 ± 2.336 χ^2/NDF : 17.0/3

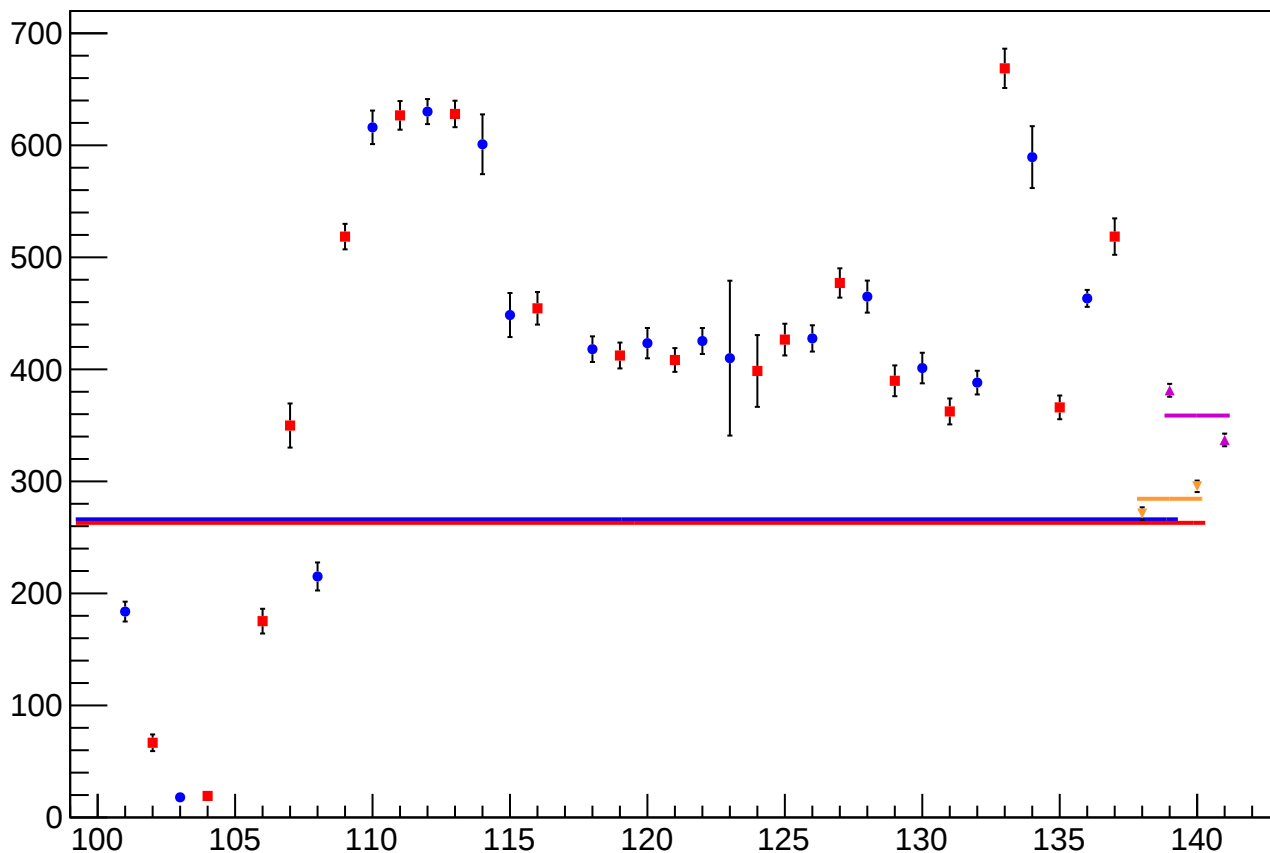
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -2.372 ± 1.343 χ^2/NDF : 206.7/18

Out: -4.732 ± 1.276 χ^2/NDF : 227.1/19

All: -3.612 ± 0.925 χ^2/NDF : 435.4/38

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: 284.473 $\pm$ 3.777 χ^2 /NDF:10.3/1

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 358.761 $\pm$ 4.037 χ^2 /NDF:30.1/1

Left: 319.147 $\pm$ 2.758 χ^2 /NDF: 220.9/3

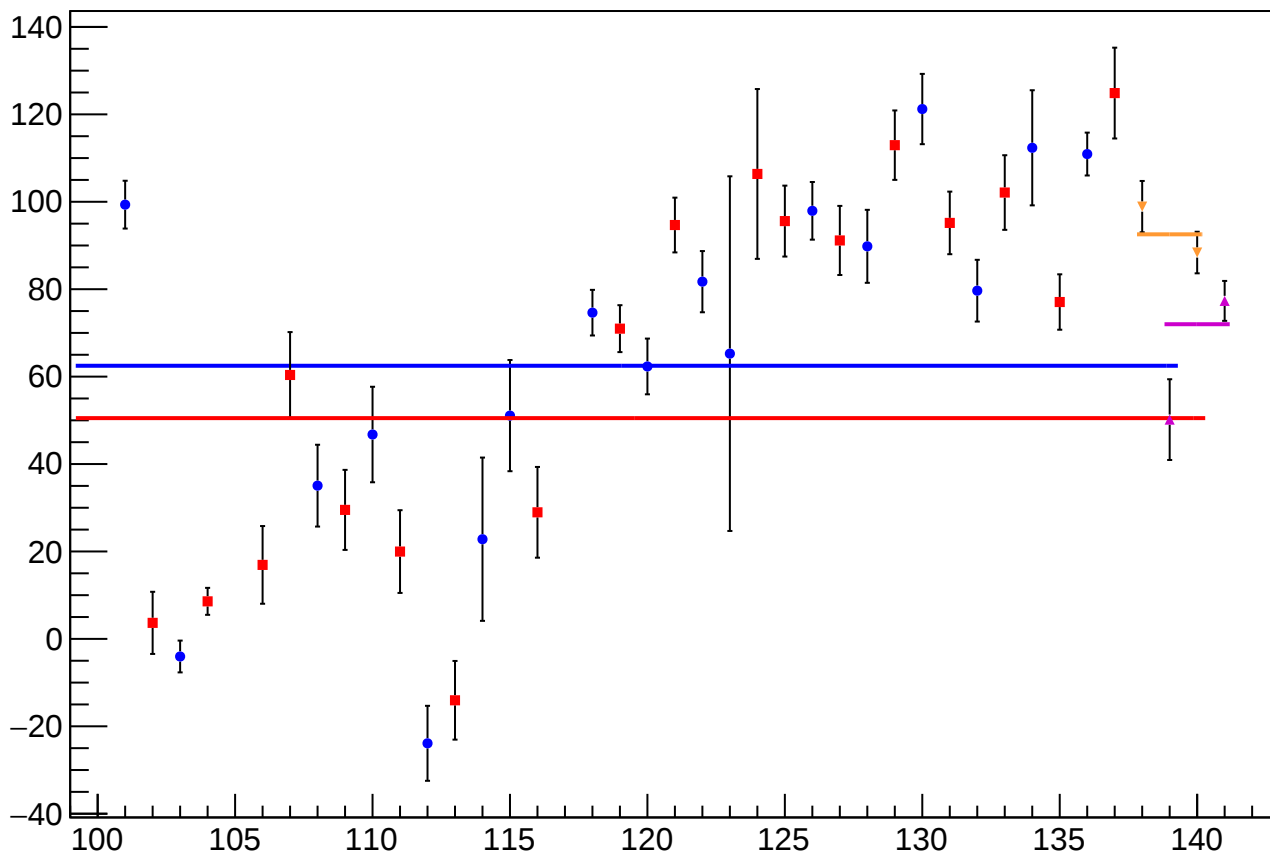
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 291.499 $\pm$ 2.113 χ^2 /NDF:8056.5/18

Out: 269.422 $\pm$ 2.065 χ^2 /NDF:8205.0/19

All: 280.207 $\pm$ 1.477 χ^2 /NDF: 16317.3/38

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 92.554 $\pm$ 3.695 χ^2 /NDF:1.9/1

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 71.989 $\pm$ 4.094 χ^2 /NDF:7.0/1

Left: 83.322 $\pm$ 2.743 χ^2 /NDF: 22.8/3

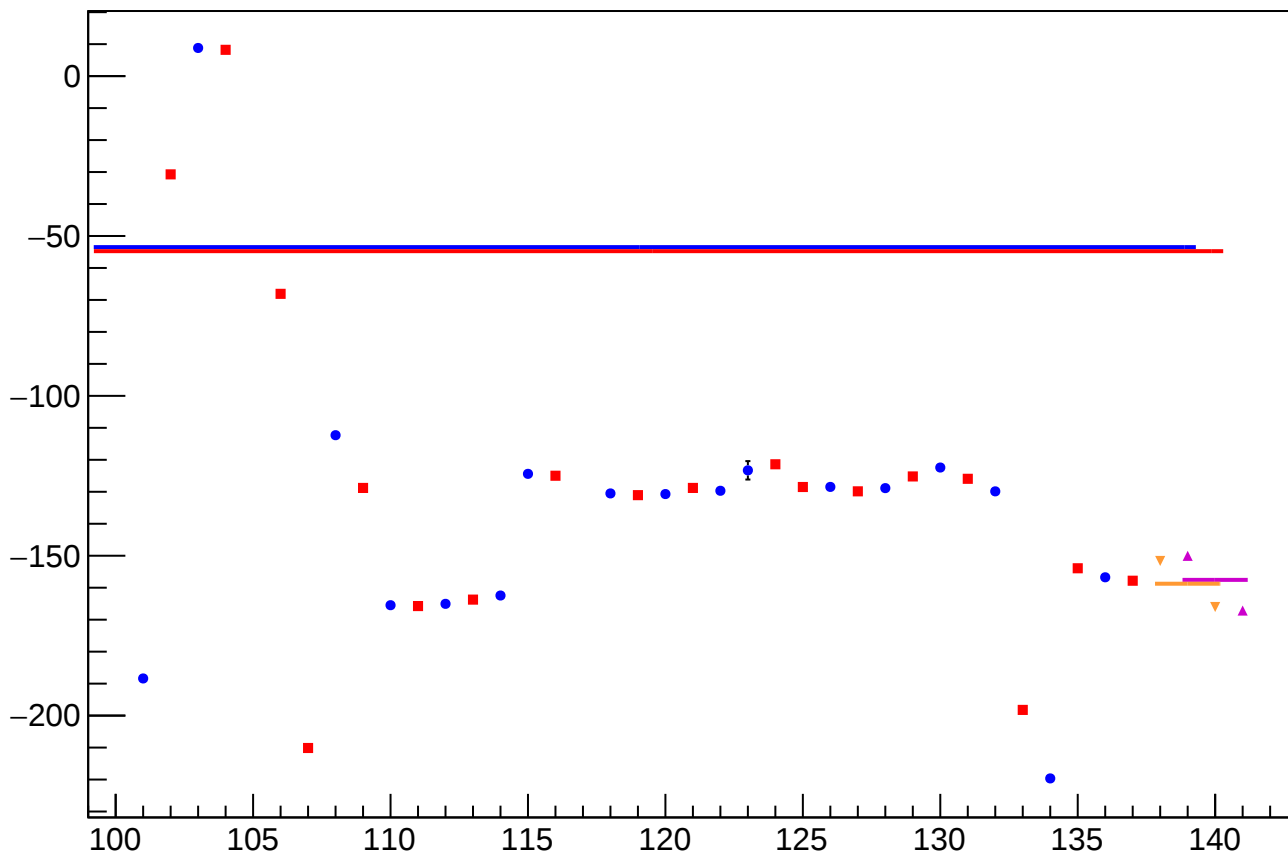
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 63.856 $\pm$ 1.555 χ^2 /NDF:732.3/18

Out: 57.457 $\pm$ 1.502 χ^2 /NDF:760.6/19

All: 60.546 $\pm$ 1.080 χ^2 /NDF: 1501.7/38

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -158.754 $\pm$ 0.158 χ^2 /NDF: 2086.4/1

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -157.552 $\pm$ 0.152 χ^2 /NDF: 3118.2/1

Left: -158.132 $\pm$ 0.109 χ^2 /NDF: 5234.7/3

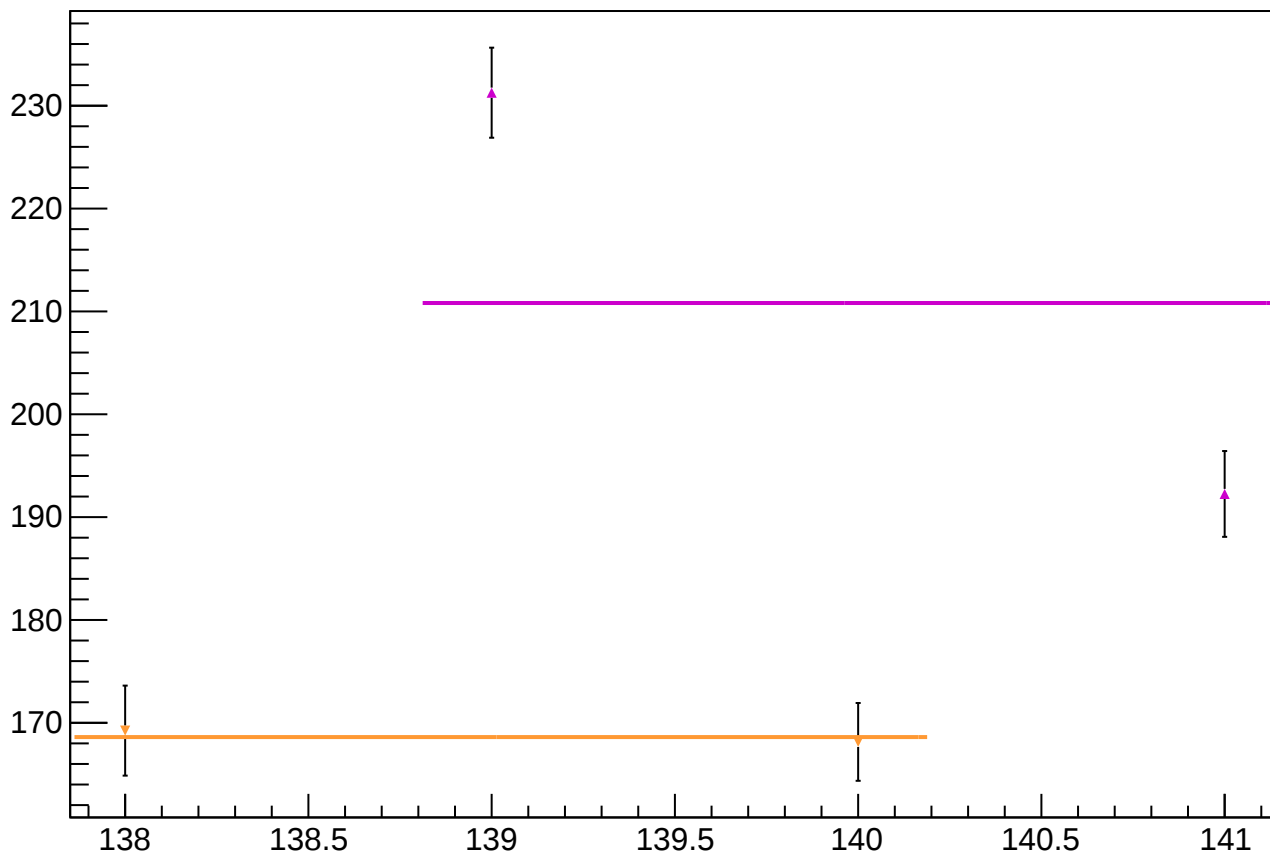
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -71.808 $\pm$ 0.064 χ^2 /NDF: 1617677.0/18

Out: -72.761 $\pm$ 0.066 χ^2 /NDF: 1314602.4/19

All: -72.271 $\pm$ 0.046 χ^2 /NDF: 2932387.9/38

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: 168.614±/-2.862 χ^2 /NDF:0.0/1

Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left In: 210.818±/-3.020 χ^2 /NDF:41.6/1

Left: 188.579±/-2.077 χ^2 /NDF: 144.6/3

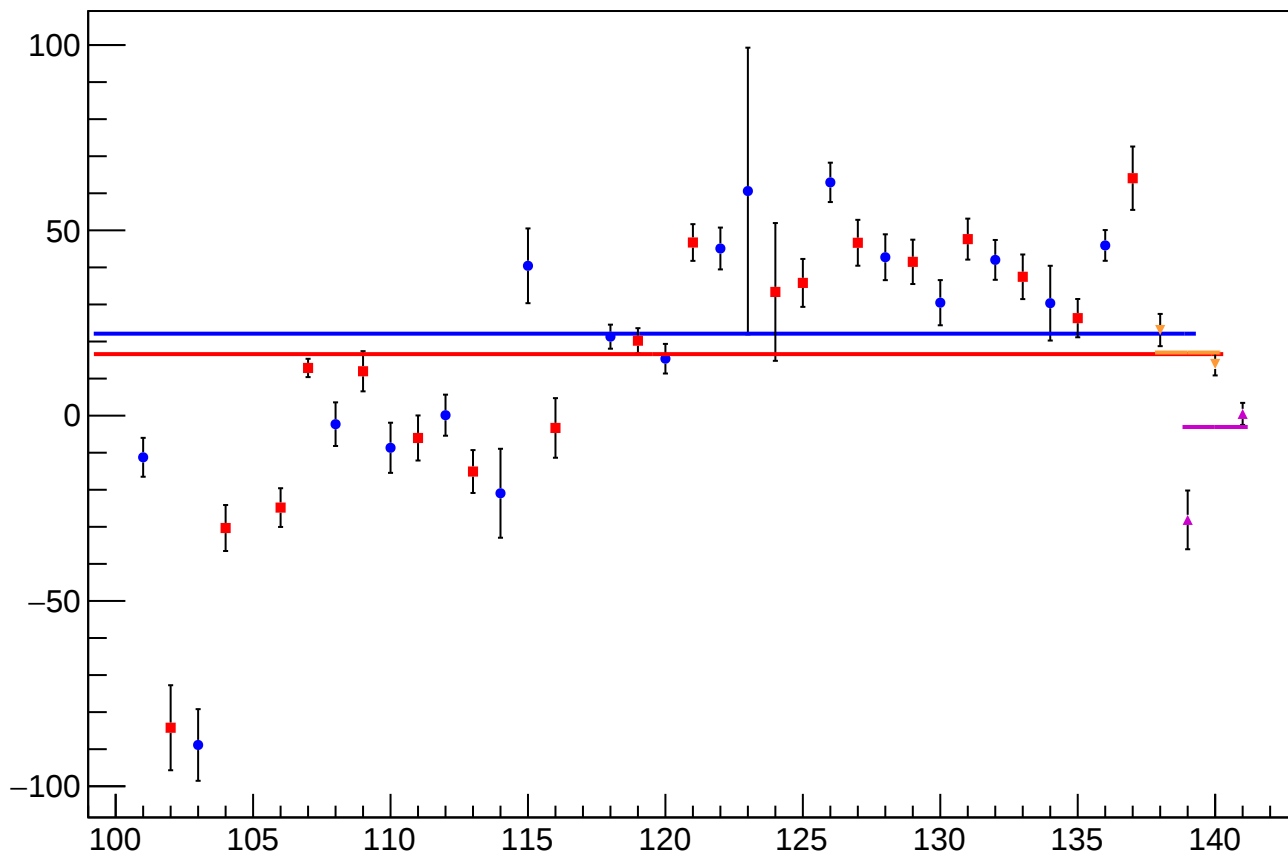
Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: 210.818±/-3.020 χ^2 /NDF:41.6/1

Out: 168.614±/-2.862 χ^2 /NDF:0.0/1

All: 188.579±/-2.077 χ^2 /NDF: 144.6/3

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: 17.029 $\pm$ 2.524 χ^2 /NDF: 2.9/1

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: -3.061 $\pm$ 2.785 χ^2 /NDF: 11.4/1

Left: 7.971 $\pm$ 1.870 χ^2 /NDF: 42.9/3

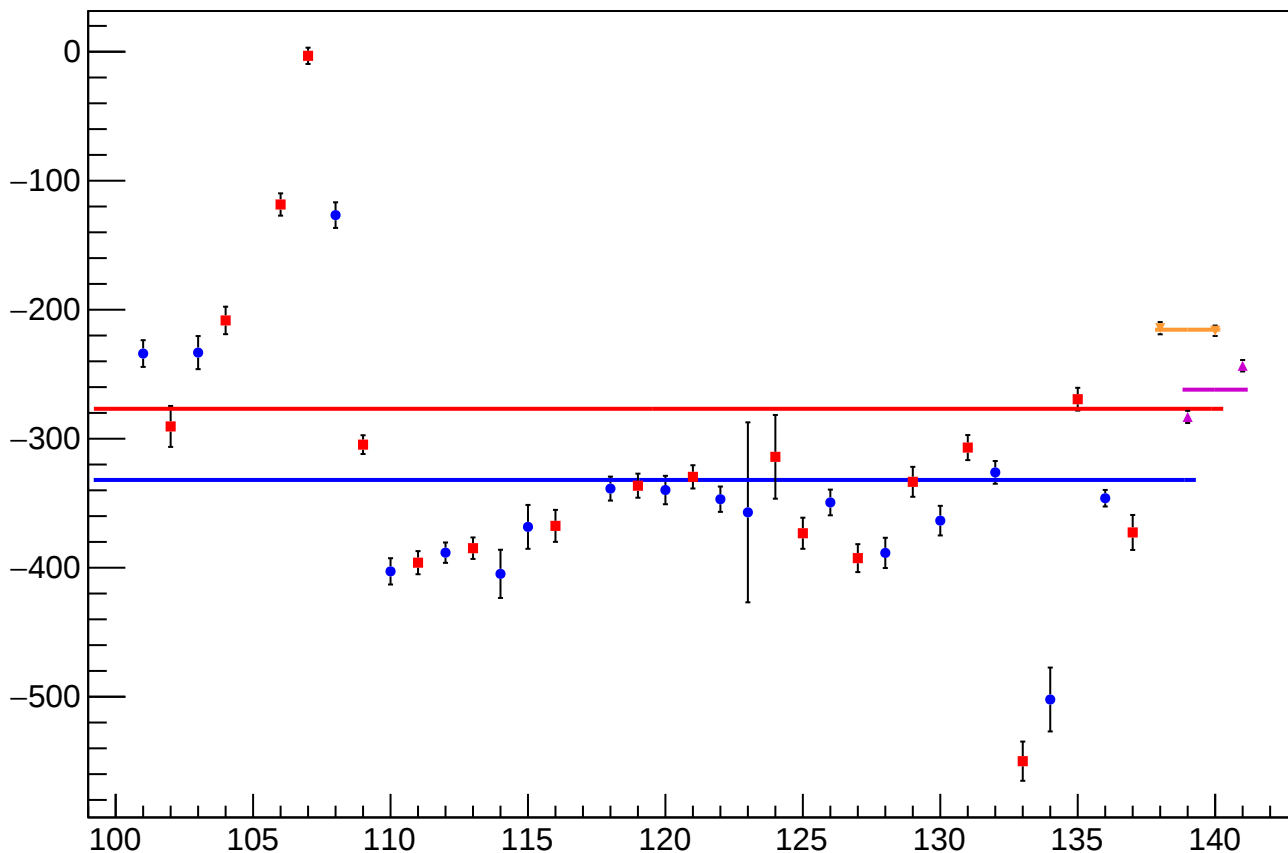
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 17.176 $\pm$ 1.234 χ^2 /NDF: 459.1/18

Out: 16.684 $\pm$ 1.105 χ^2 /NDF: 419.8/19

All: 16.903 $\pm$ 0.823 χ^2 /NDF: 879.0/38

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -215.479+/-3.070 χ^2/NDF : 0.1/1

Right Out: -276.804+/-2.329 χ^2/NDF : 3330.4/17

Left In: -261.969+/-3.237 χ^2/NDF : 37.4/1

Left: -237.494+/-2.228 χ^2/NDF : 146.0/3

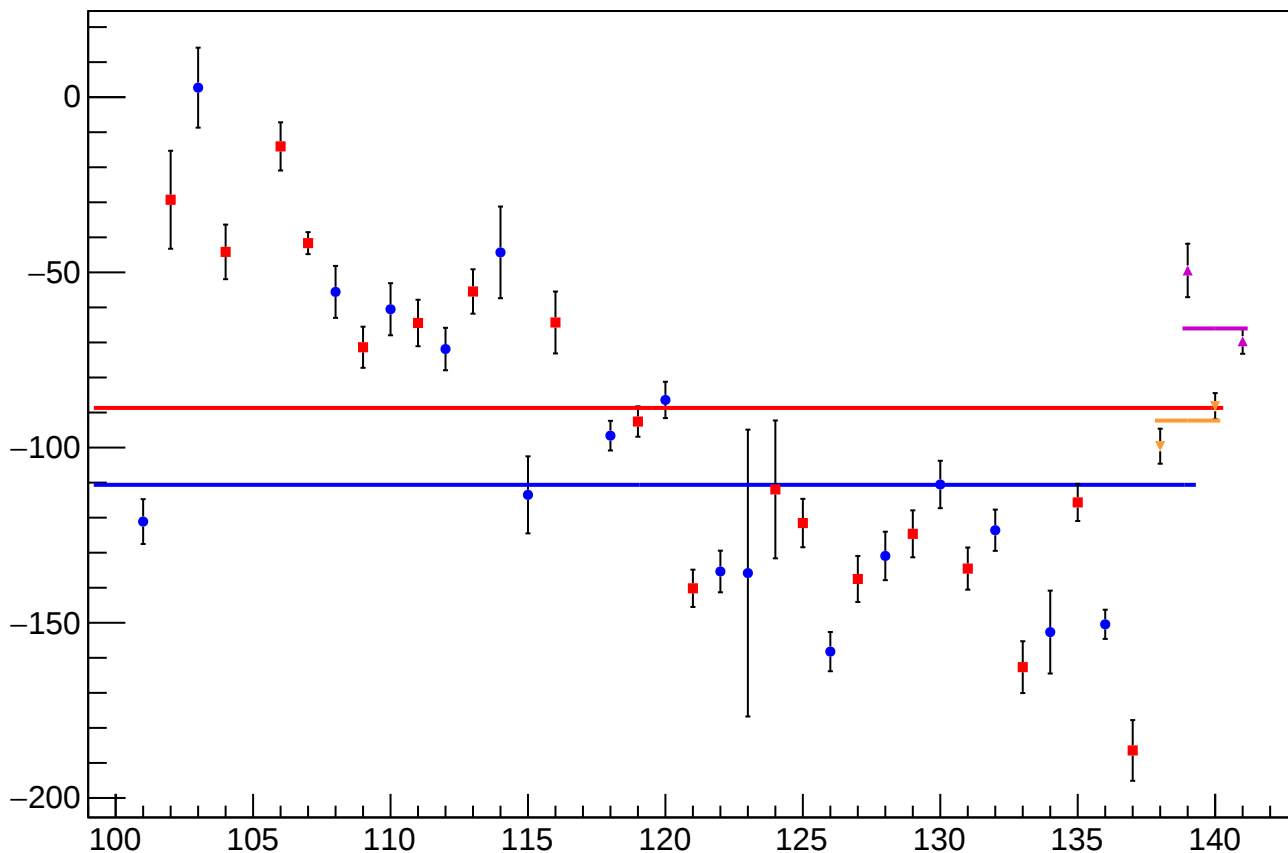
Right: -301.706+/-1.725 χ^2/NDF : 4369.1/34

In: -304.933+/-2.012 χ^2/NDF : 1109.9/18

Out: -254.400+/-1.856 χ^2/NDF : 3583.7/19

All: -277.635+/-1.364 χ^2/NDF : 5034.5/38

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: -92.291+/-2.993 χ^2/NDF : 3.3/1

Right Out: -88.683+/-1.434 χ^2/NDF : 964.0/17

Left In: -66.007+/-3.241 χ^2/NDF : 5.7/1

Left: -80.196+/-2.199 χ^2/NDF : 44.6/3

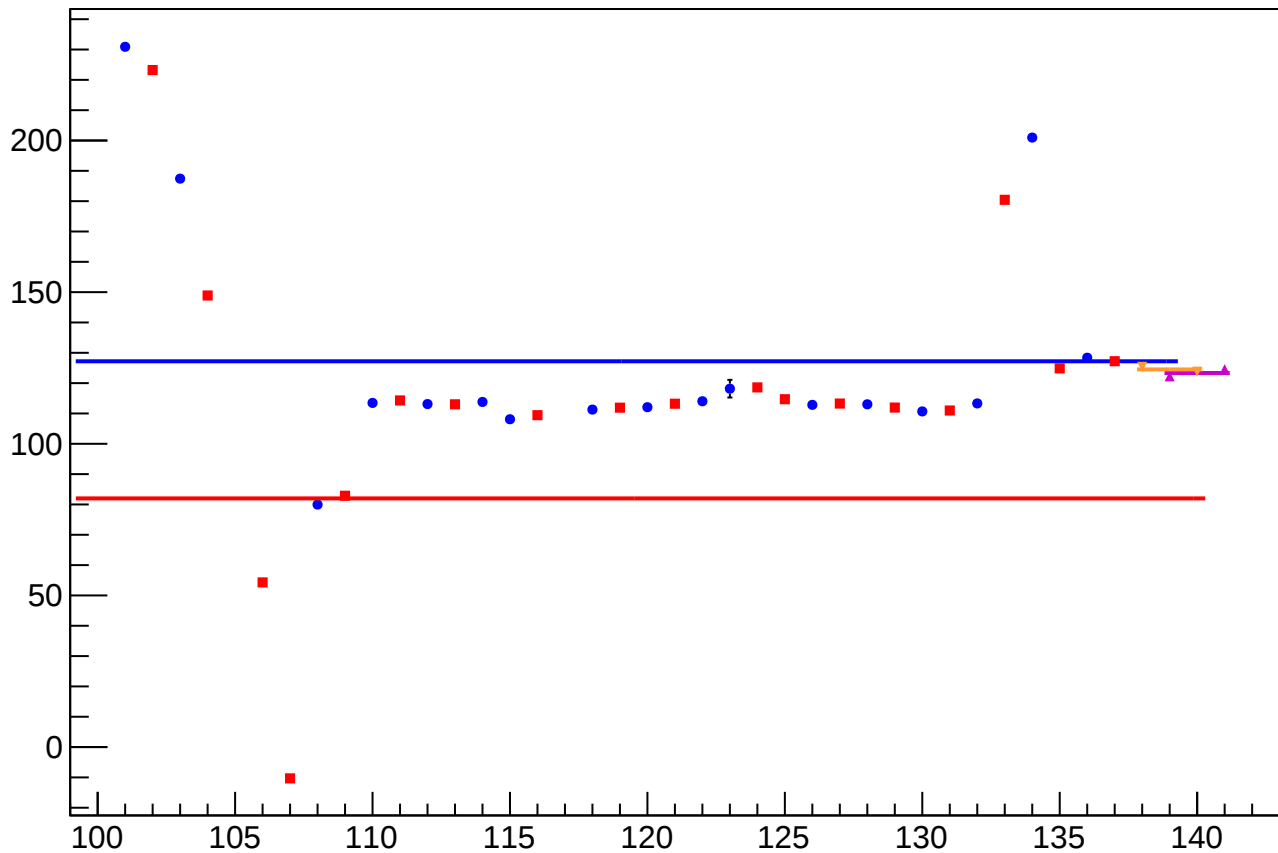
Right: -98.593+/-1.062 χ^2/NDF : 1578.5/34

In: -102.055+/-1.421 χ^2/NDF : 667.7/18

Out: -89.357+/-1.294 χ^2/NDF : 968.5/19

All: -95.111+/-0.957 χ^2/NDF : 1679.9/38

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: 124.521 $\pm$ 0.128 χ^2 /NDF:38.9/1

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 123.345 $\pm$ 0.123 χ^2 /NDF:90.8/1

Left: 123.906 $\pm$ 0.089 χ^2 /NDF: 173.6/3

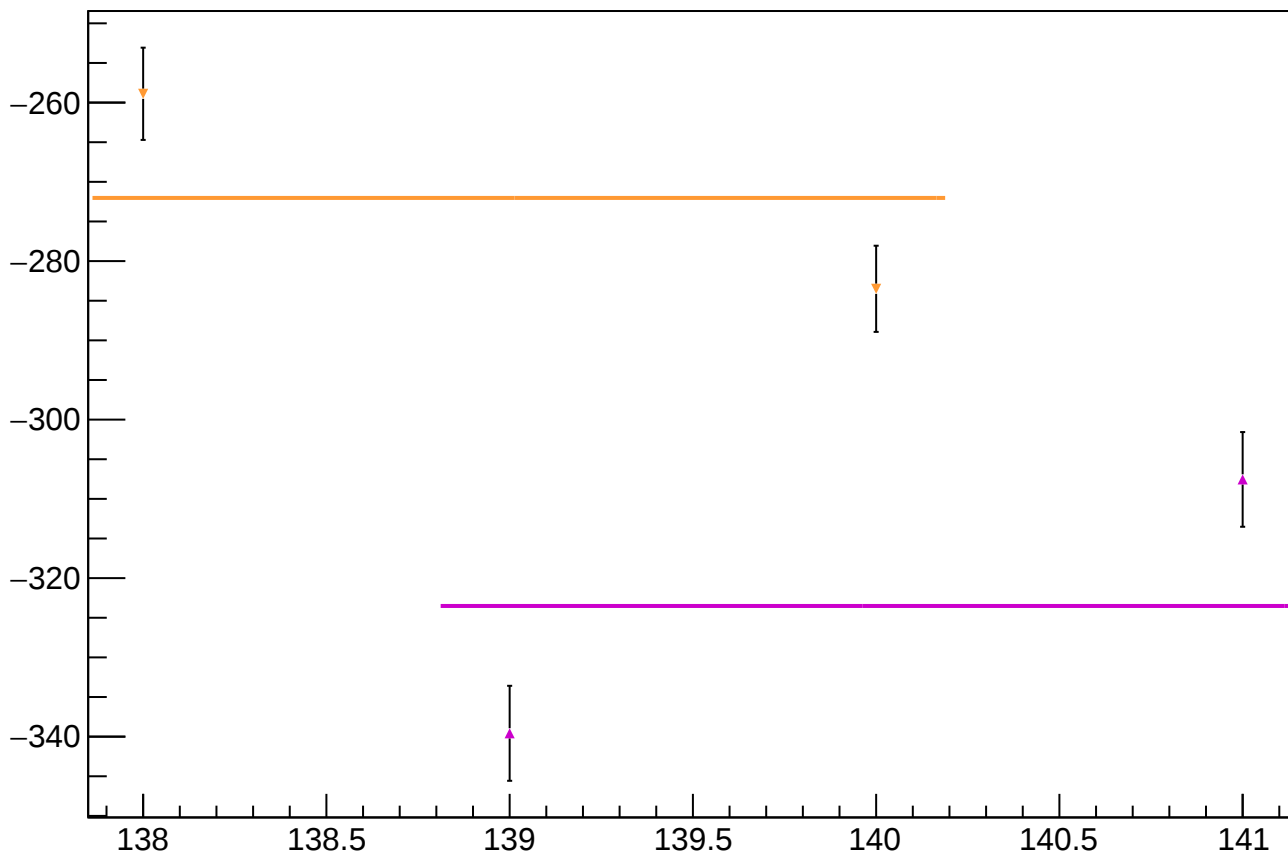
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 125.870 $\pm$ 0.072 χ^2 /NDF:188765.4/18

Out: 92.912 $\pm$ 0.065 χ^2 /NDF:831350.7/19

All: 107.710 $\pm$ 0.048 χ^2 /NDF: 1135273.3/38

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: -272.030+/-3.973 χ^2/NDF :9.5/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -323.512+/-4.231 χ^2/NDF :14.3/1

Left: -296.151+/-2.896 χ^2/NDF : 102.6/3

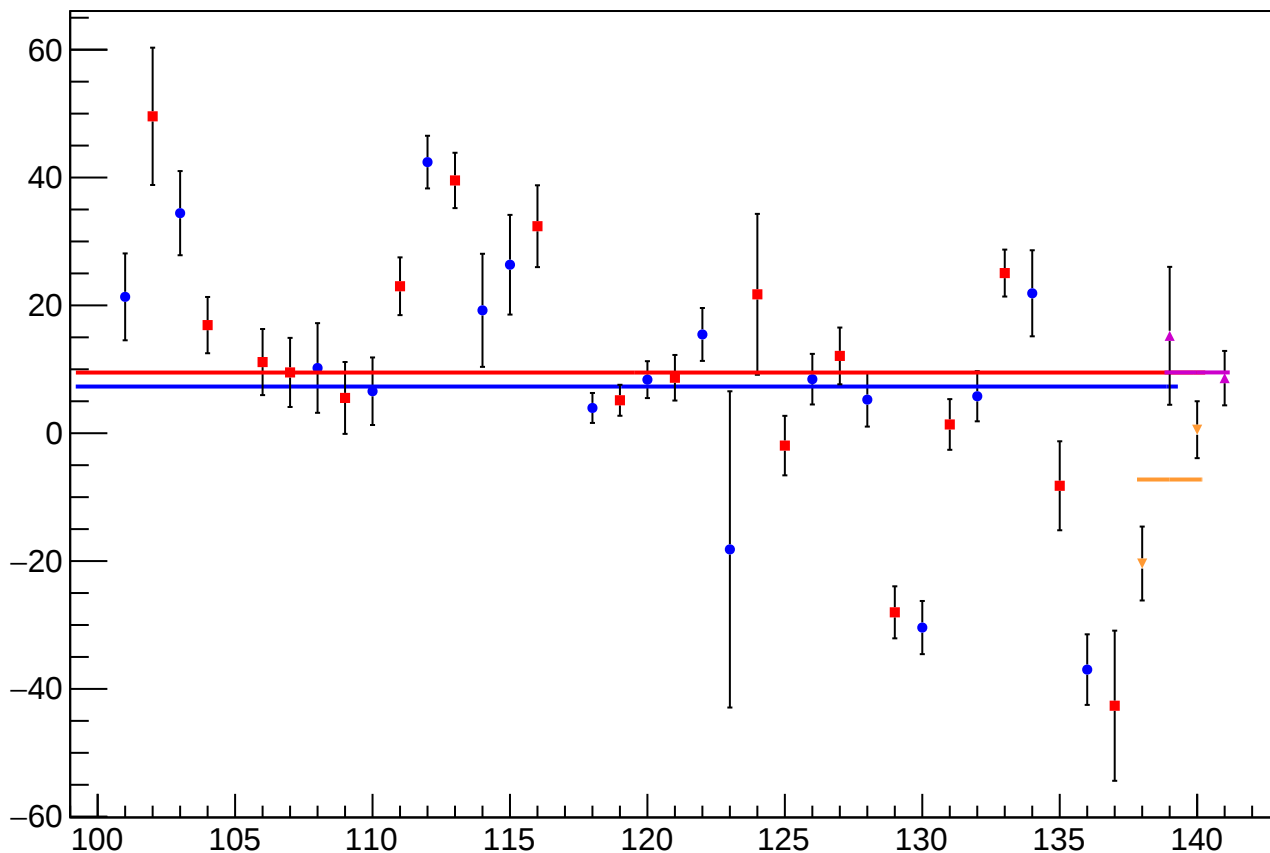
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -323.512+/-4.231 χ^2/NDF :14.3/1

Out: -272.030+/-3.973 χ^2/NDF :9.5/1

All: -296.151+/-2.896 χ^2/NDF : 102.6/3

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: -7.242 ± 3.528 χ^2/NDF : 8.2/1

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 9.510 ± 3.959 χ^2/NDF : 0.3/1

Left: 0.171 ± 2.634 χ^2/NDF : 18.5/3

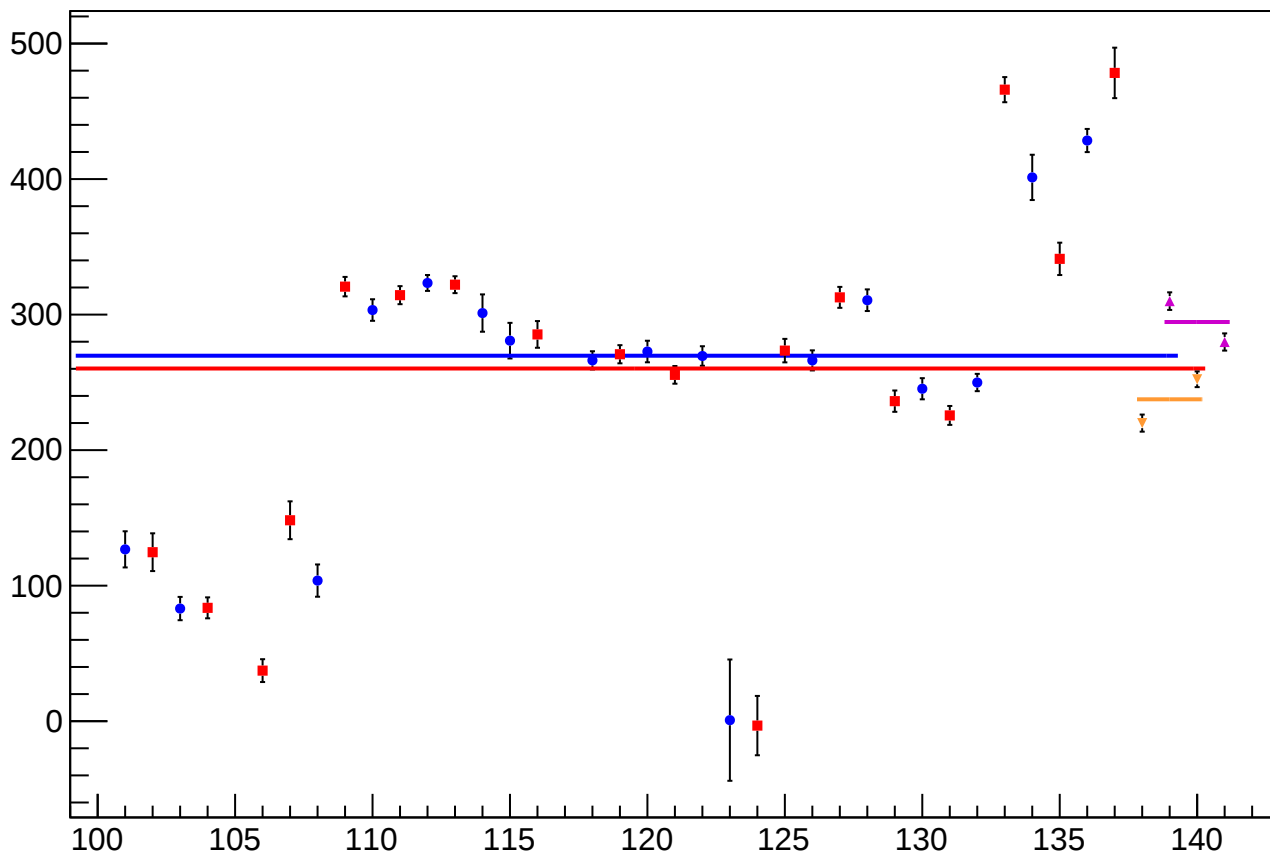
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 7.457 ± 1.047 χ^2/NDF : 261.3/18

Out: 8.075 ± 1.027 χ^2/NDF : 260.0/19

All: 7.772 ± 0.733 χ^2/NDF : 521.4/38

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: 237.498 $\pm$ 4.265 χ^2 /NDF:14.3/1

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 294.540 $\pm$ 4.539 χ^2 /NDF:11.0/1

Left: 264.242 $\pm$ 3.108 χ^2 /NDF: 109.2/3

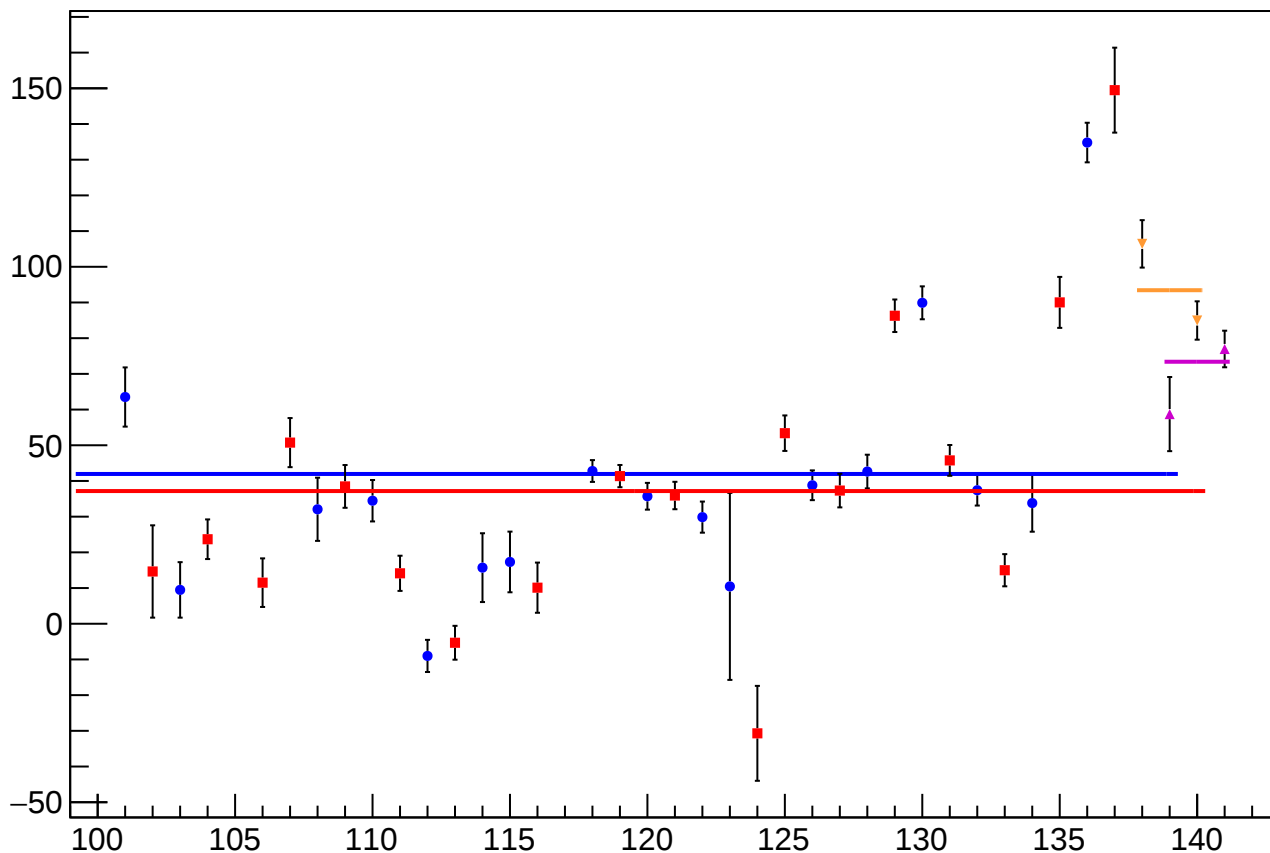
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 273.967 $\pm$ 1.888 χ^2 /NDF:1412.5/18

Out: 256.200 $\pm$ 1.795 χ^2 /NDF:2565.6/19

All: 264.636 $\pm$ 1.301 χ^2 /NDF: 4024.6/38

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 93.437 $\pm$ 4.178 χ^2 /NDF: 6.3/1

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 73.398 $\pm$ 4.596 χ^2 /NDF: 2.5/1

Left: 84.371 $\pm$ 3.091 χ^2 /NDF: 19.2/3

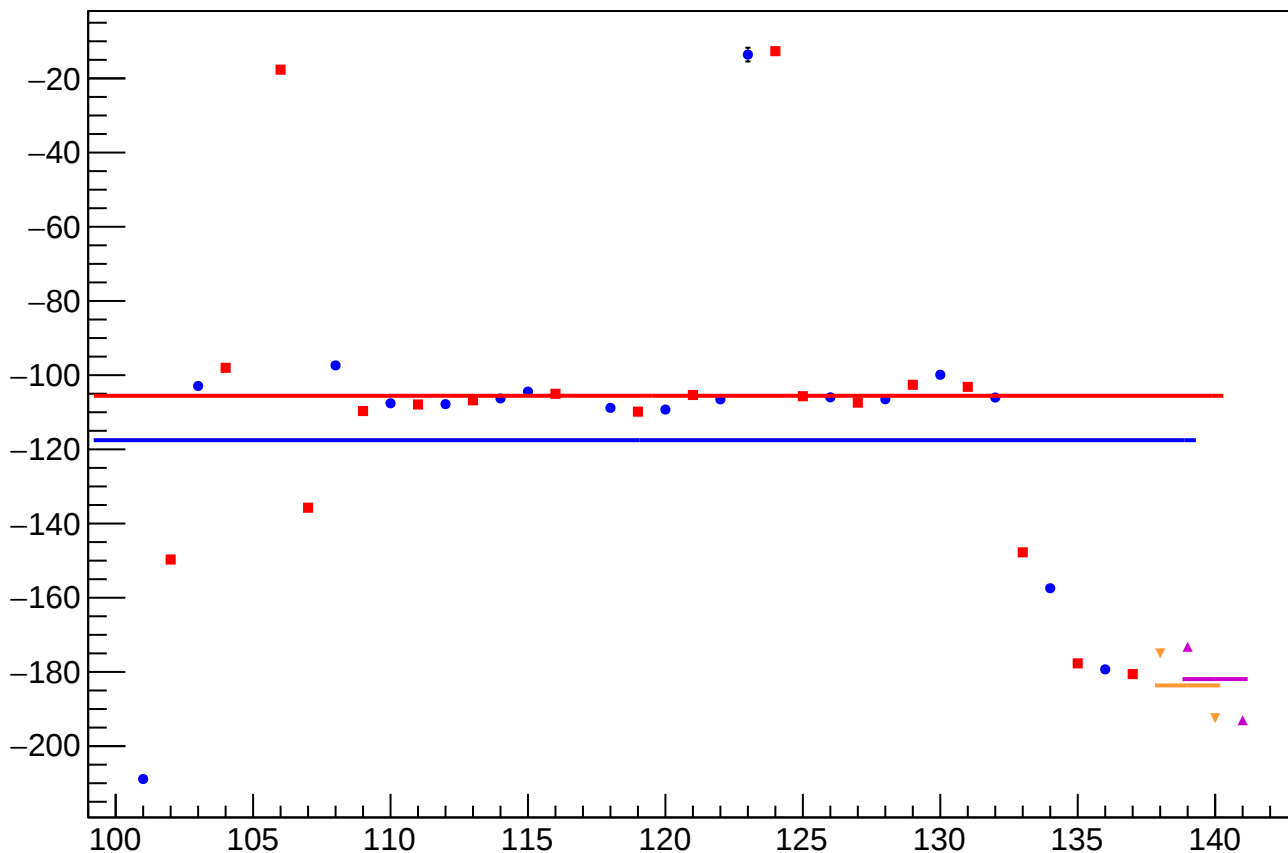
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 44.151 $\pm$ 1.214 χ^2 /NDF: 620.3/18

Out: 41.700 $\pm$ 1.185 χ^2 /NDF: 644.0/19

All: 42.897 $\pm$ 0.848 χ^2 /NDF: 1266.3/38

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: -183.636+/-0.178 χ^2/NDF : 2410.2/1

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -181.935+/-0.171 χ^2/NDF : 3314.6/1

Left: -182.750+/-0.123 χ^2/NDF : 5772.4/3

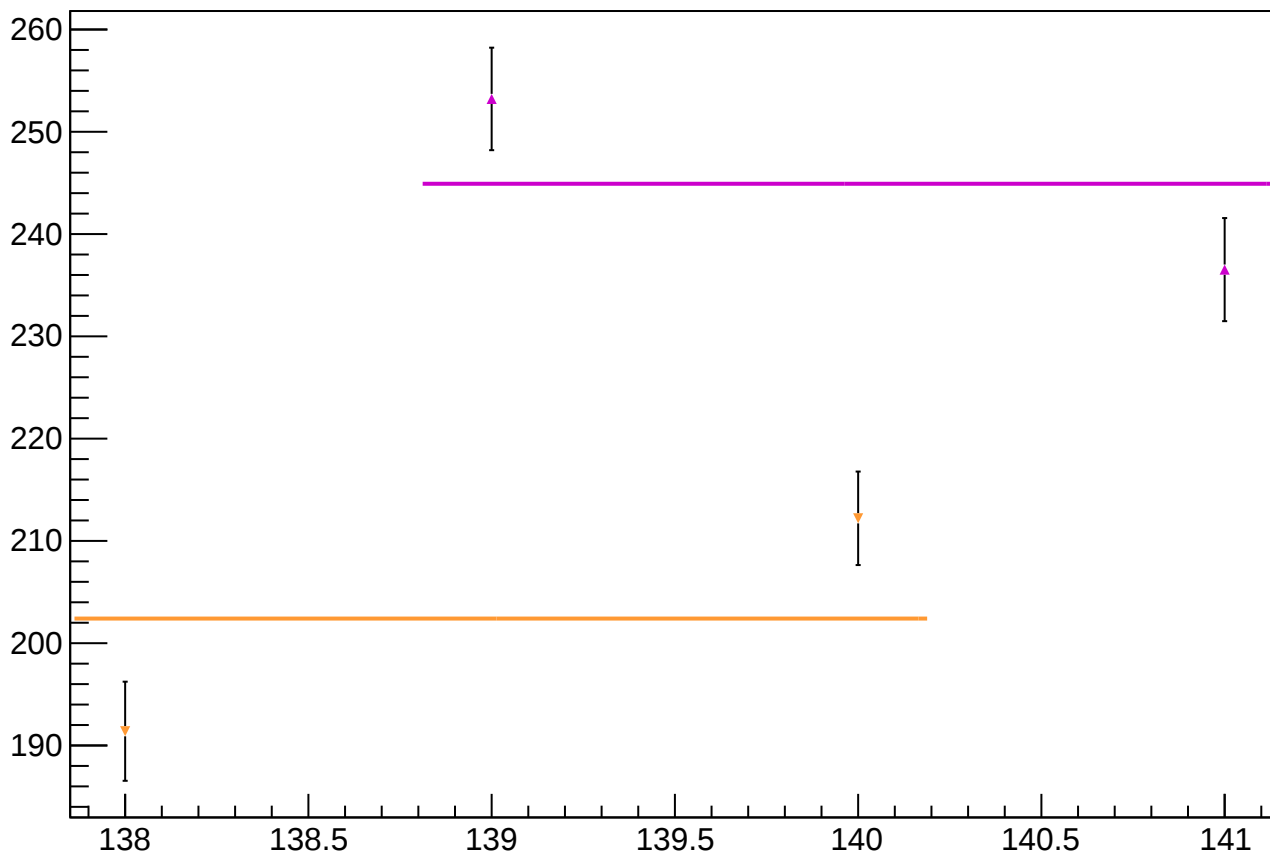
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -128.677+/-0.071 χ^2/NDF : 262938.2/18

Out: -116.760+/-0.067 χ^2/NDF : 484601.9/19

All: -122.409+/-0.049 χ^2/NDF : 762339.3/38

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: 202.408+/-3.325 χ^2/NDF : 9.8/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.918+/-3.553 χ^2/NDF : 5.5/1

Left: 222.251+/-2.428 χ^2/NDF : 91.6/3

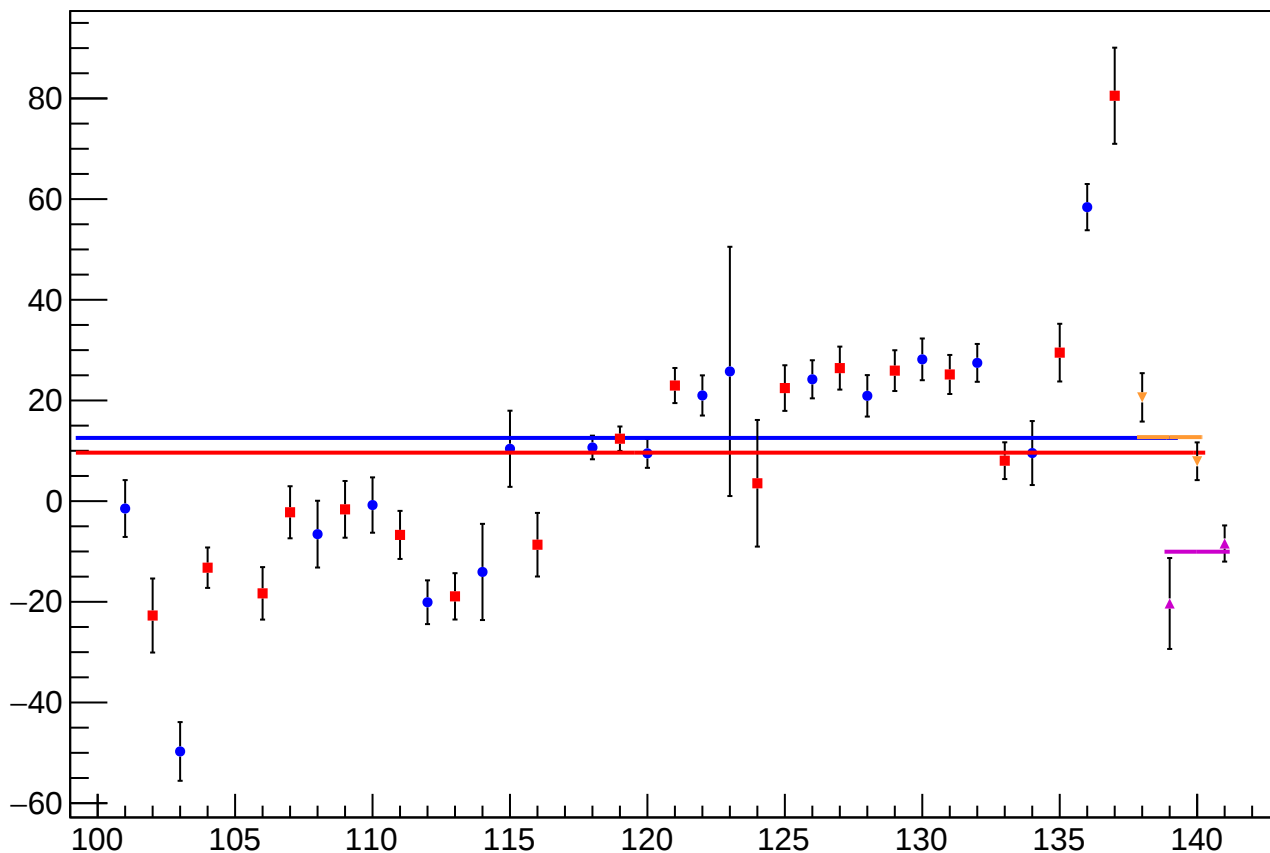
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.918+/-3.553 χ^2/NDF : 5.5/1

Out: 202.408+/-3.325 χ^2/NDF : 9.8/1

All: 222.251+/-2.428 χ^2/NDF : 91.6/3

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: 12.718 $\pm$ 2.956 χ^2 /NDF: 4.3/1

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -10.045 $\pm$ 3.338 χ^2 /NDF: 1.5/1

Left: 2.714 $\pm$ 2.213 χ^2 /NDF: 31.9/3

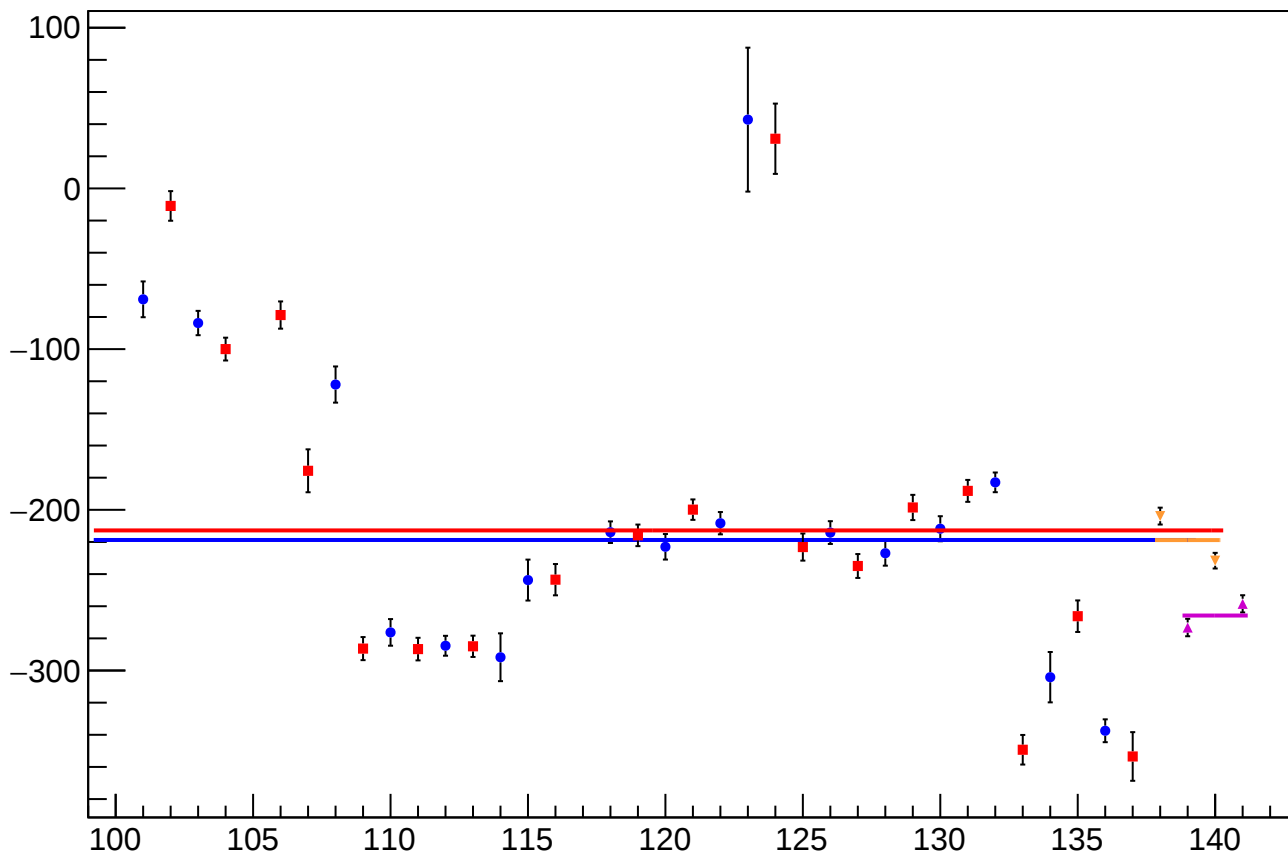
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 10.498 $\pm$ 1.008 χ^2 /NDF: 391.7/18

Out: 9.977 $\pm$ 0.989 χ^2 /NDF: 292.8/19

All: 10.232 $\pm$ 0.706 χ^2 /NDF: 684.6/38

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: -218.834 ± 3.570 $\chi^2/\text{NDF}: 15.0/1$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -265.785 ± 3.812 $\chi^2/\text{NDF}: 3.7/1$

Left: -240.768 ± 2.606 $\chi^2/\text{NDF}: 99.6/3$

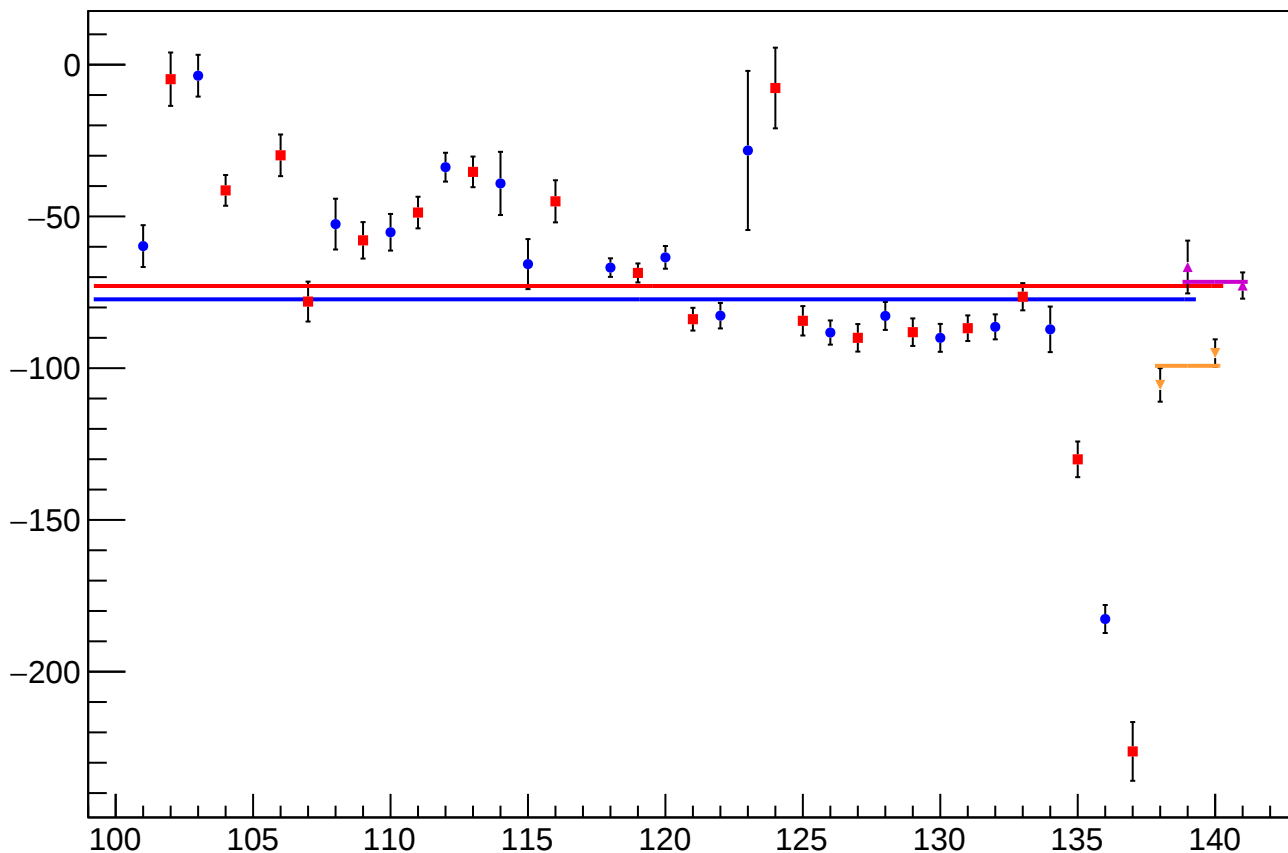
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -228.998 ± 1.778 $\chi^2/\text{NDF}: 1267.2/18$

Out: -214.174 ± 1.695 $\chi^2/\text{NDF}: 1841.7/19$

All: -221.232 ± 1.227 $\chi^2/\text{NDF}: 3145.3/38$

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: -99.223 ± 3.499 χ^2/NDF : 2.2/1

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -71.559 ± 3.872 χ^2/NDF : 0.4/1

Left: -86.789 ± 2.596 χ^2/NDF : 30.7/3

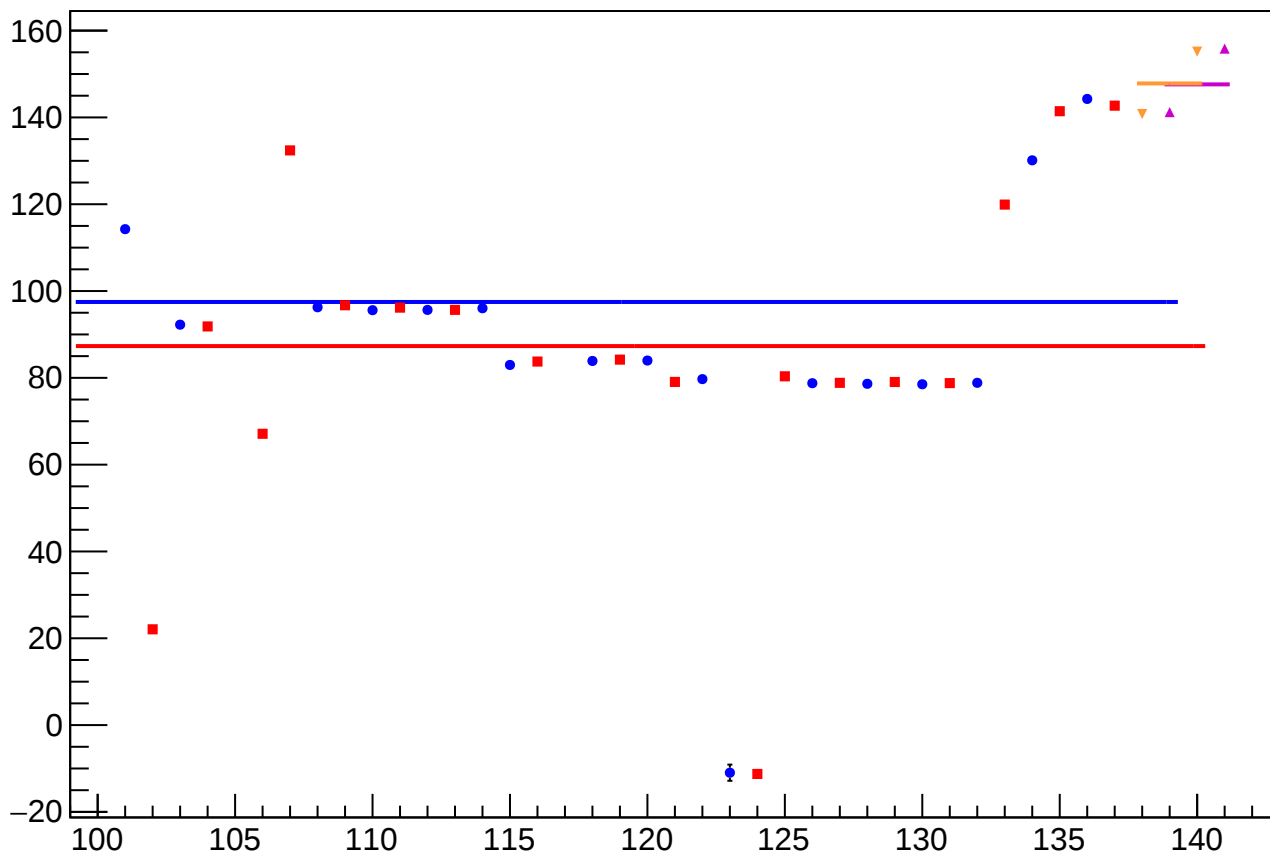
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.797 ± 1.165 χ^2/NDF : 820.1/18

Out: -75.722 ± 1.142 χ^2/NDF : 713.5/19

All: -76.249 ± 0.816 χ^2/NDF : 1534.0/38

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: 147.826+/-0.149 χ^2/NDF : 2328.5/1

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 147.612+/-0.143 χ^2/NDF : 2559.6/1

Left: 147.715+/-0.103 χ^2/NDF : 4889.1/3

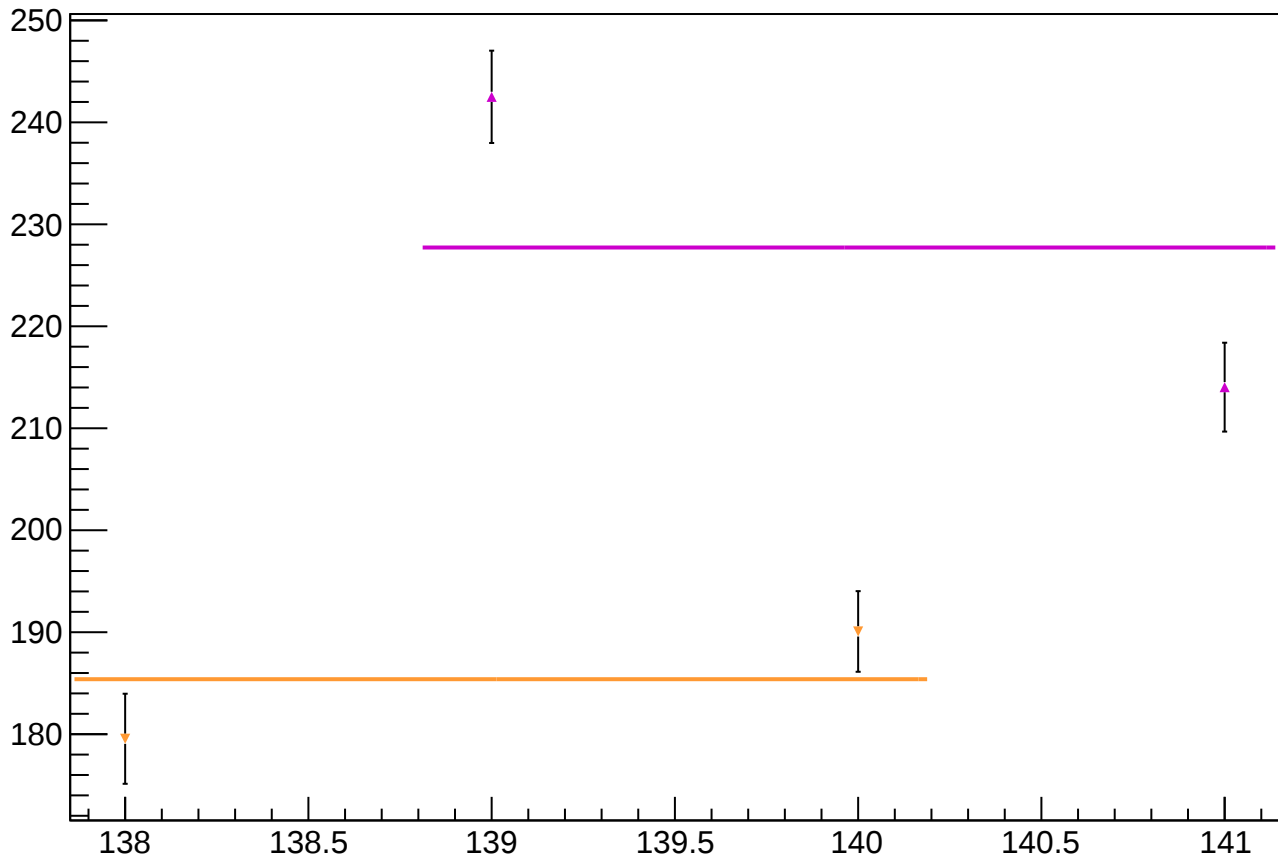
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 107.877+/-0.065 χ^2/NDF : 193751.3/18

Out: 97.846+/-0.062 χ^2/NDF : 360589.6/19

All: 102.609+/-0.045 χ^2/NDF : 566724.6/38

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: 185.393+/-2.946 χ^2/NDF : 3.2/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 227.726+/-3.139 χ^2/NDF : 20.5/1

Left: 205.215+/-2.148 χ^2/NDF : 120.4/3

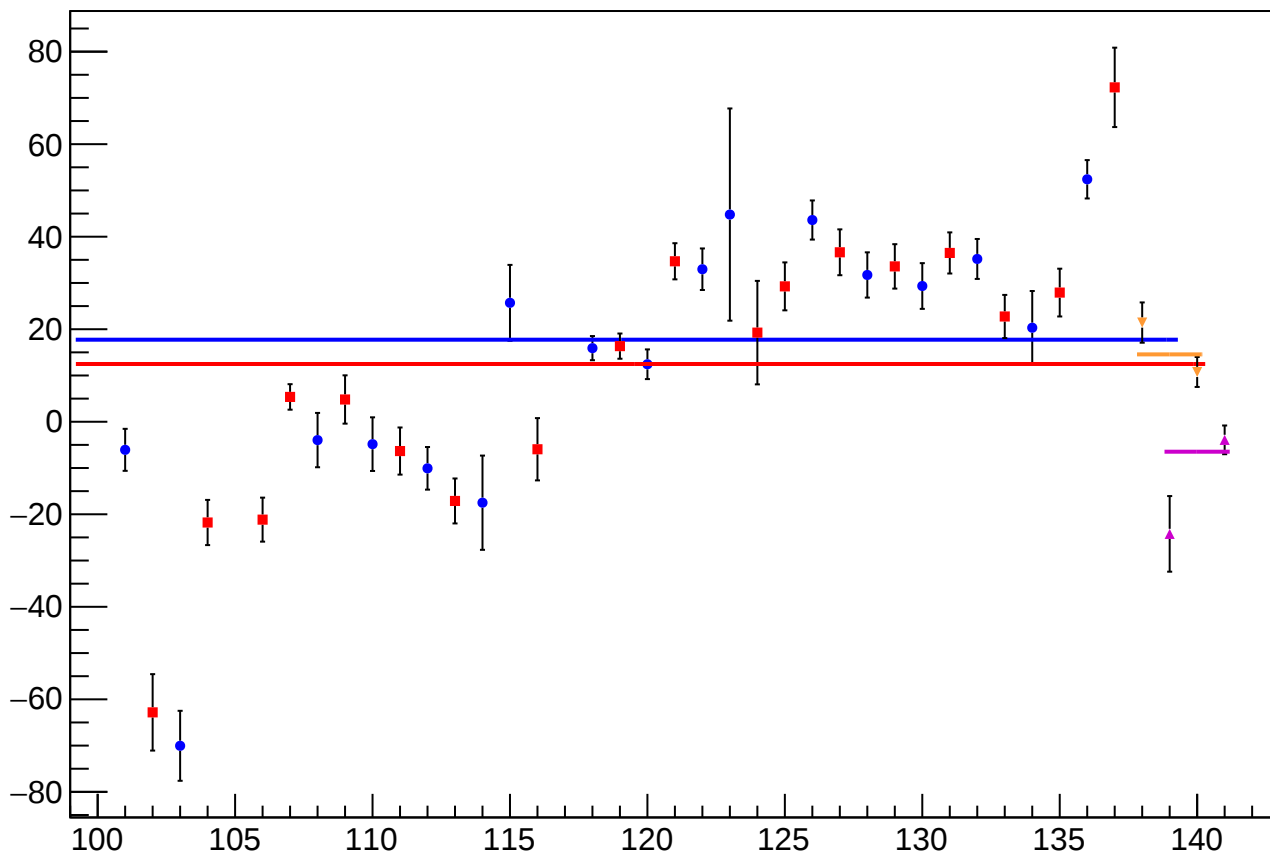
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.726+/-3.139 χ^2/NDF : 20.5/1

Out: 185.393+/-2.946 χ^2/NDF : 3.2/1

All: 205.215+/-2.148 χ^2/NDF : 120.4/3

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: 14.563 $\pm$ 2.598 χ^2 /NDF: 3.9/1

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -6.475 $\pm$ 2.902 χ^2 /NDF: 5.4/1

Left: 5.203 $\pm$ 1.936 χ^2 /NDF: 38.4/3

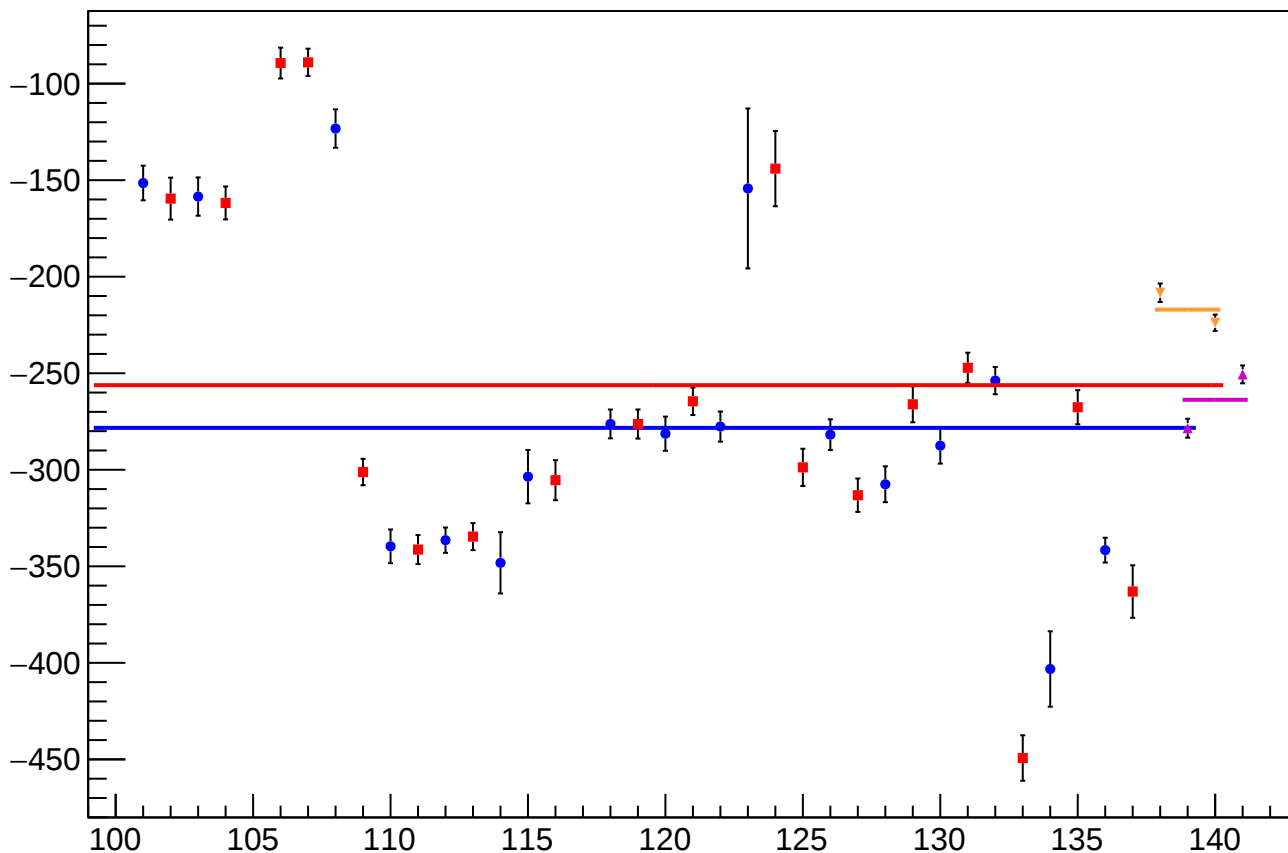
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 14.458 $\pm$ 1.068 χ^2 /NDF: 459.6/18

Out: 12.793 $\pm$ 1.001 χ^2 /NDF: 433.6/19

All: 13.572 $\pm$ 0.730 χ^2 /NDF: 894.5/38

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: -217.067 ± 3.161 χ^2/NDF : 5.9/1

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -263.751 ± 3.366 χ^2/NDF : 17.1/1

Left: -238.947 ± 2.304 χ^2/NDF : 125.2/3

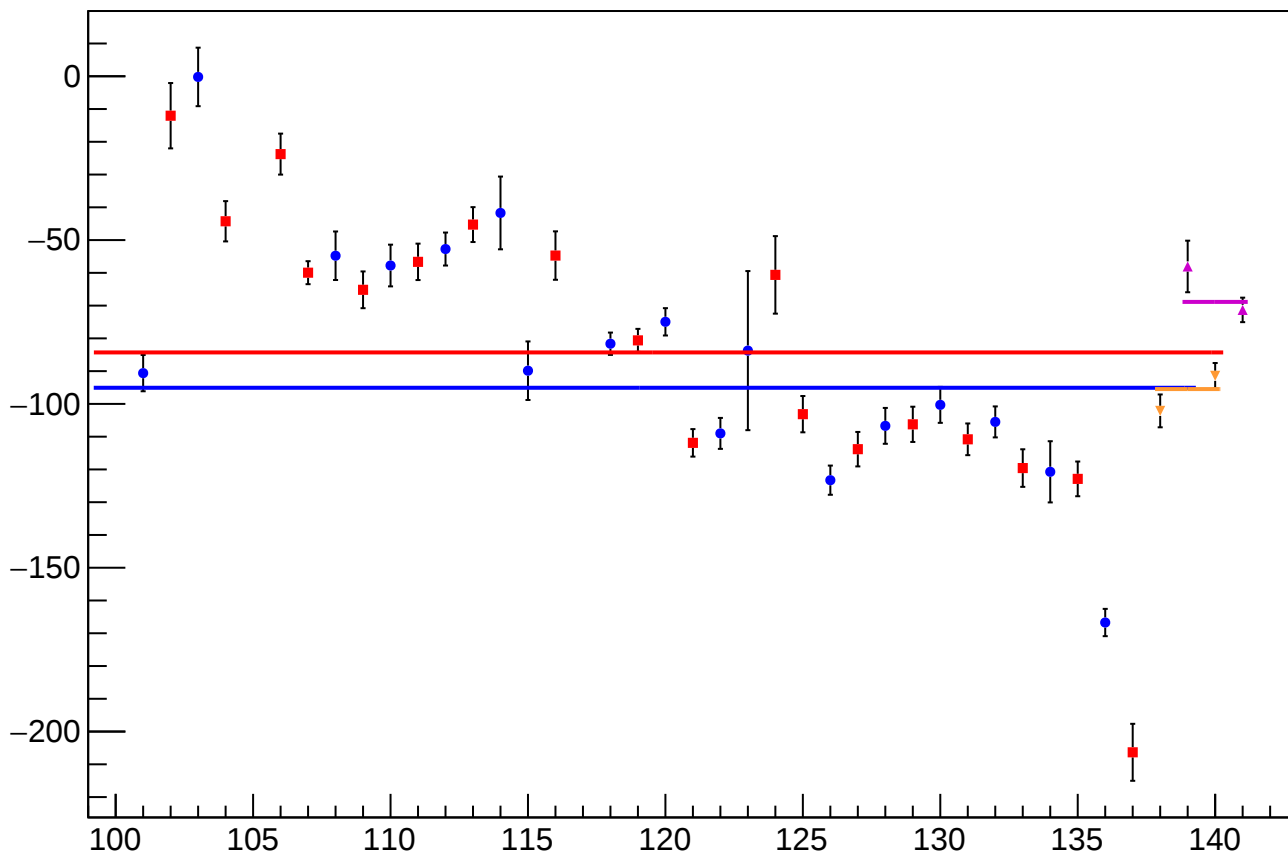
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -274.018 ± 1.825 χ^2/NDF : 940.2/18

Out: -244.800 ± 1.705 χ^2/NDF : 2066.7/19

All: -258.417 ± 1.246 χ^2/NDF : 3143.8/38

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: -95.472 ± 3.082 χ^2/NDF : 2.8/1

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -68.869 ± 3.377 χ^2/NDF : 2.3/1

Left: -83.384 ± 2.276 χ^2/NDF : 39.0/3

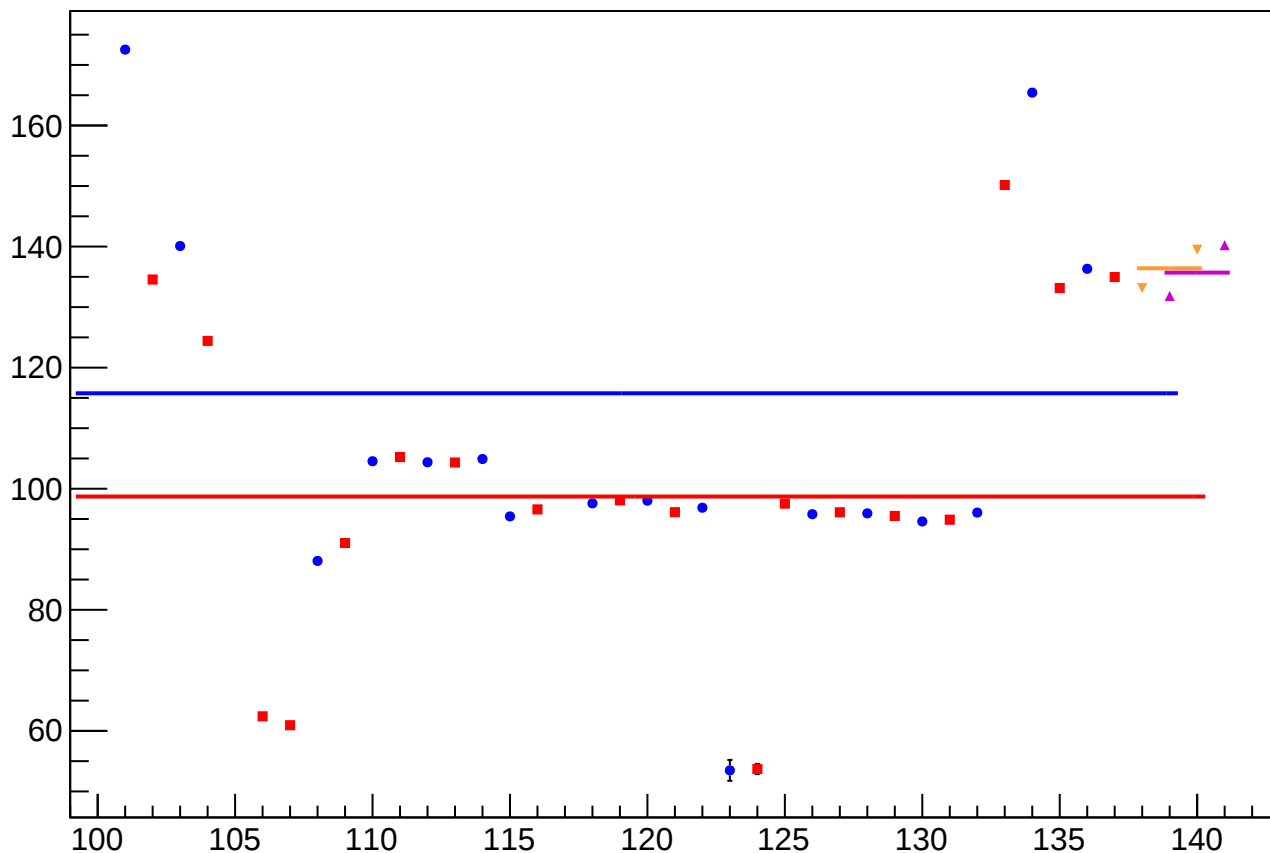
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -91.576 ± 1.234 χ^2/NDF : 727.7/18

Out: -85.888 ± 1.165 χ^2/NDF : 782.9/19

All: -88.569 ± 0.847 χ^2/NDF : 1521.8/38

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: 136.414 $\pm$ 0.132 χ^2 /NDF: 576.6/1

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 135.698 $\pm$ 0.127 χ^2 /NDF: 1078.3/1

Left: 136.042 $\pm$ 0.092 χ^2 /NDF: 1670.0/3

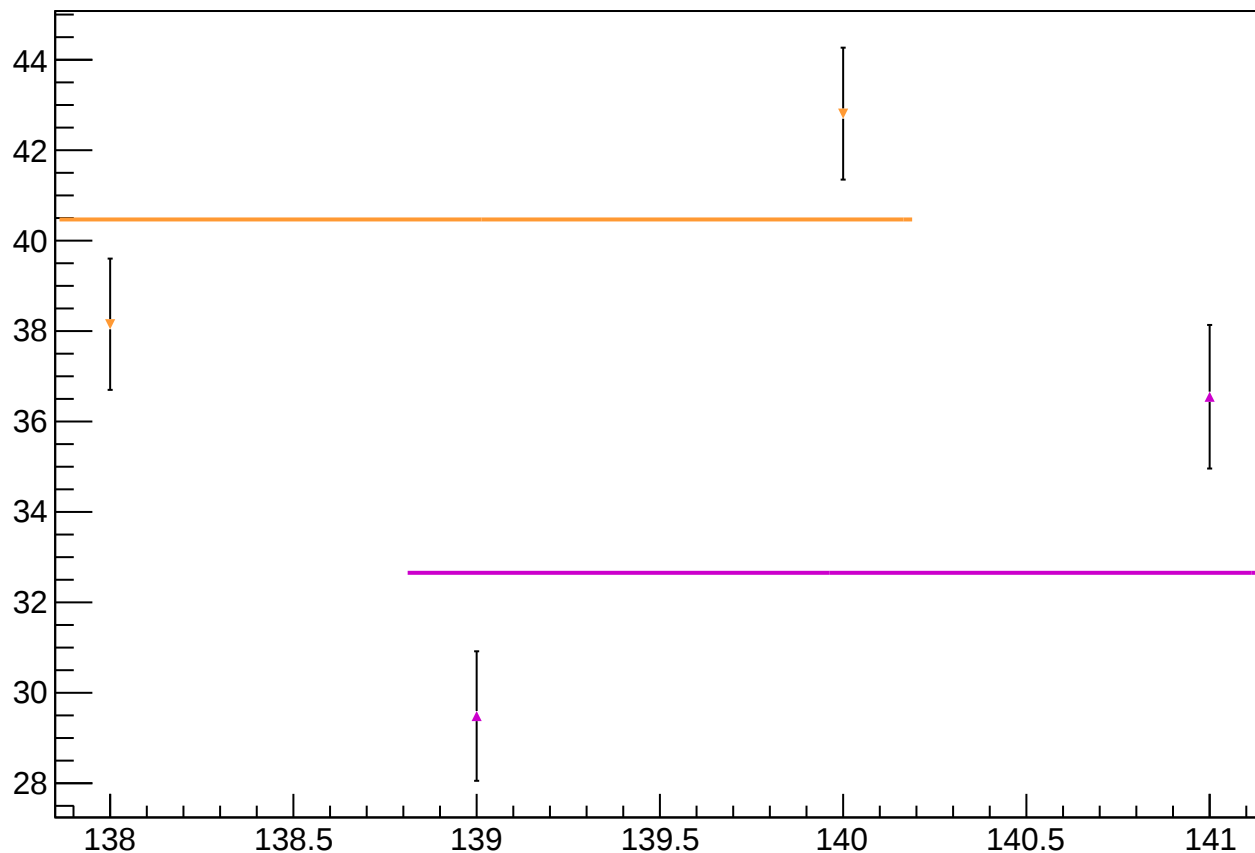
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 121.216 $\pm$ 0.067 χ^2 /NDF: 125206.1/18

Out: 106.722 $\pm$ 0.061 χ^2 /NDF: 234712.8/19

All: 113.336 $\pm$ 0.045 χ^2 /NDF: 385704.7/38

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.468+/-1.029 χ^2/NDF :5.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.654+/-1.063 χ^2/NDF :10.9/1

Left: 36.690+/-0.739 χ^2/NDF : 43.9/3

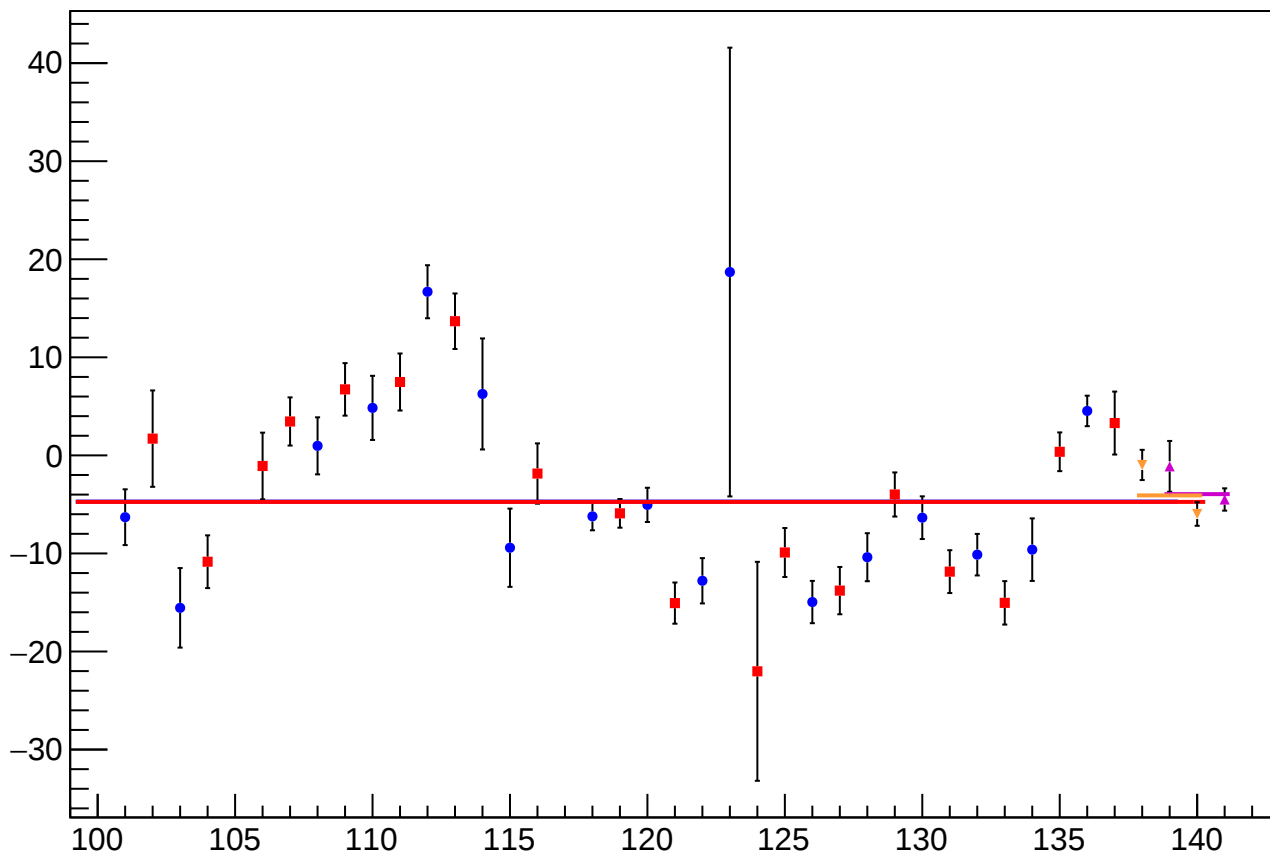
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.654+/-1.063 χ^2/NDF :10.9/1

Out: 40.468+/-1.029 χ^2/NDF :5.1/1

All: 36.690+/-0.739 χ^2/NDF : 43.9/3

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: -4.082 ± 0.949 $\chi^2/\text{NDF}: 6.5/1$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: -3.952 ± 1.042 $\chi^2/\text{NDF}: 1.4/1$

Left: -4.023 ± 0.701 $\chi^2/\text{NDF}: 8.0/3$

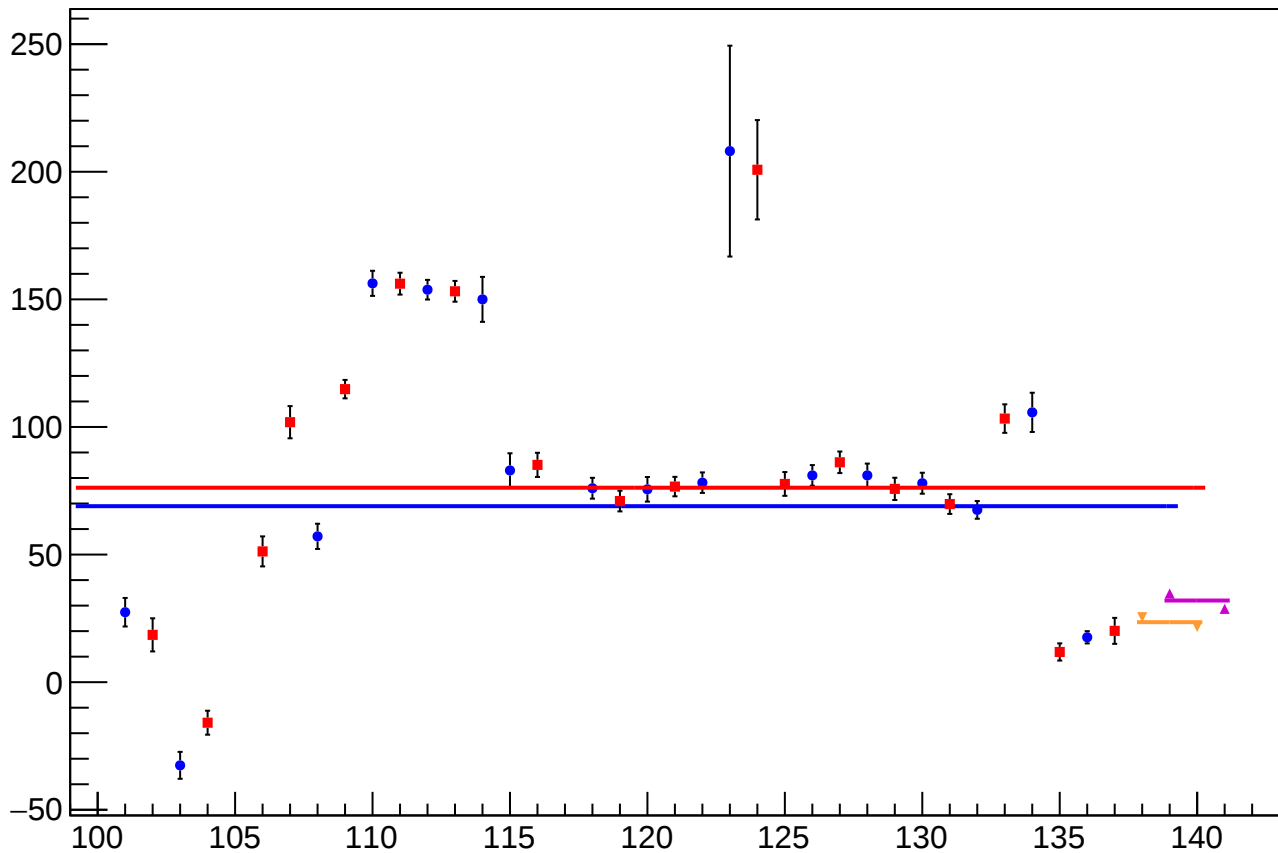
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -4.533 ± 0.507 $\chi^2/\text{NDF}: 176.5/18$

Out: -4.562 ± 0.498 $\chi^2/\text{NDF}: 196.2/19$

All: -4.548 ± 0.355 $\chi^2/\text{NDF}: 372.7/38$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 23.516 ± 1.106 $\chi^2/\text{NDF}: 3.0/1$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 31.993 ± 1.142 $\chi^2/\text{NDF}: 6.9/1$

Left: 27.620 ± 0.794 $\chi^2/\text{NDF}: 38.3/3$

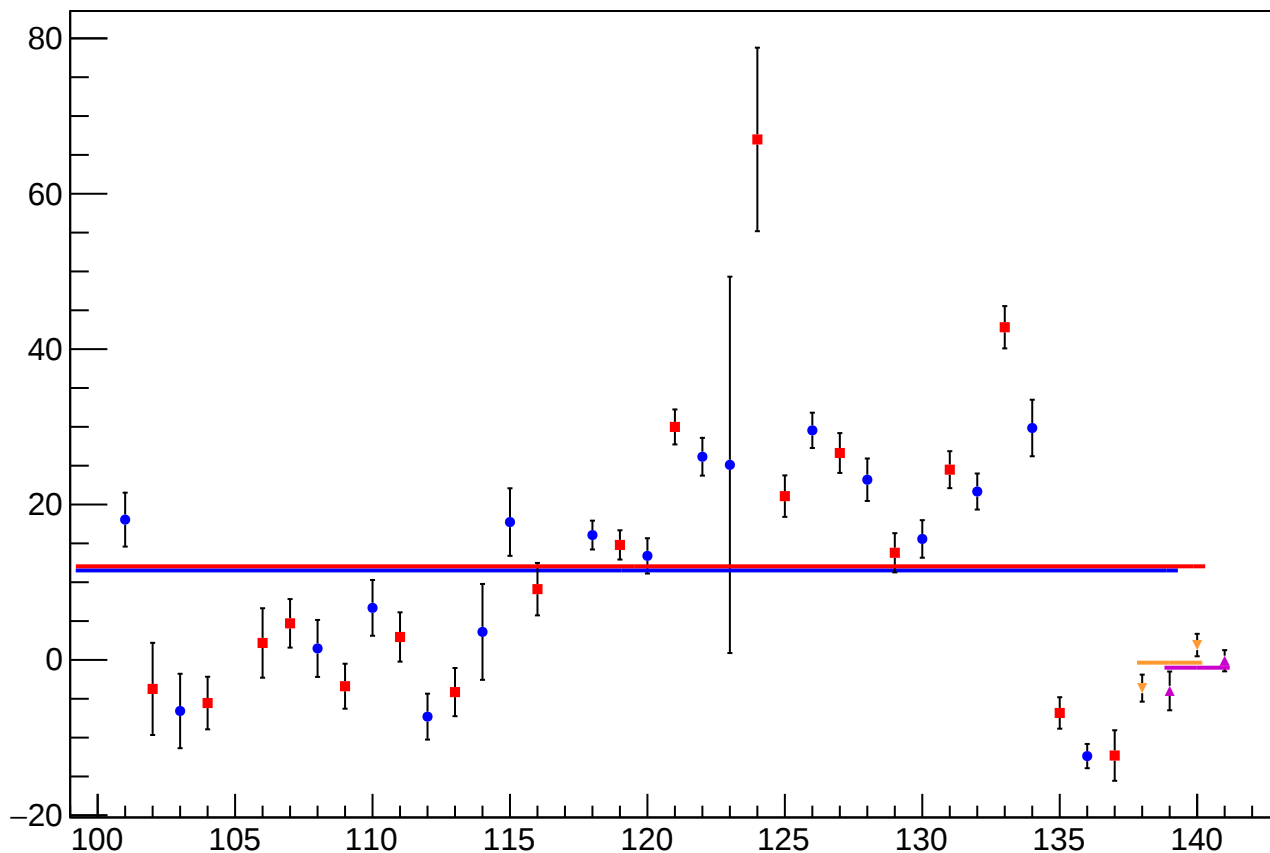
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 51.522 ± 0.784 $\chi^2/\text{NDF}: 2404.6/18$

Out: 50.705 ± 0.769 $\chi^2/\text{NDF}: 3054.9/19$

All: 51.105 ± 0.549 $\chi^2/\text{NDF}: 5460.1/38$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -0.353+/-1.111 χ^2/NDF : 6.0/1

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -1.000+/-1.197 χ^2/NDF : 1.9/1

Left: -0.652+/-0.815 χ^2/NDF : 8.0/3

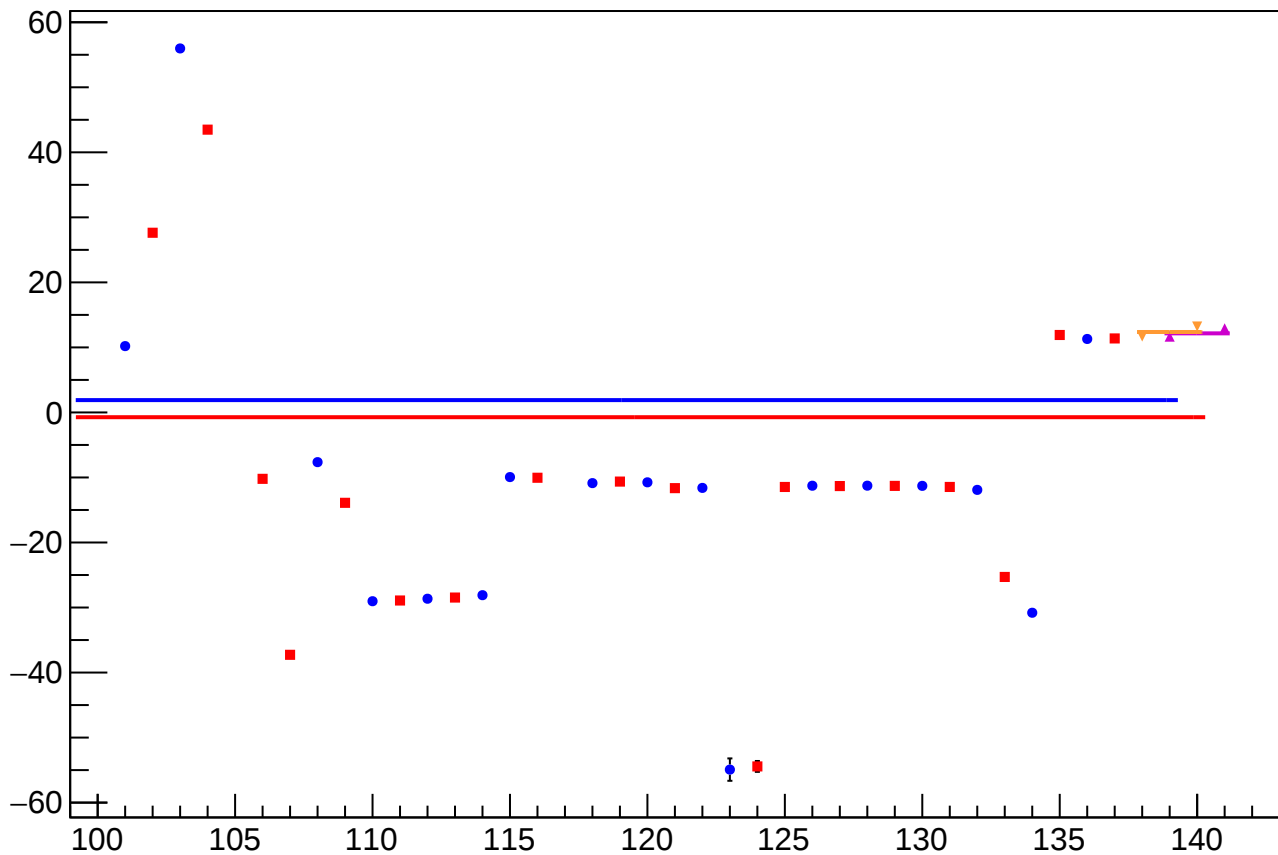
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 8.605+/-0.578 χ^2/NDF : 562.9/18

Out: 8.780+/-0.570 χ^2/NDF : 636.4/19

All: 8.694+/-0.406 χ^2/NDF : 1199.4/38

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 12.369 ± 0.045 χ^2/NDF : 285.1/1

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 12.161 ± 0.043 χ^2/NDF : 216.0/1

Left: 12.258 ± 0.031 χ^2/NDF : 512.3/3

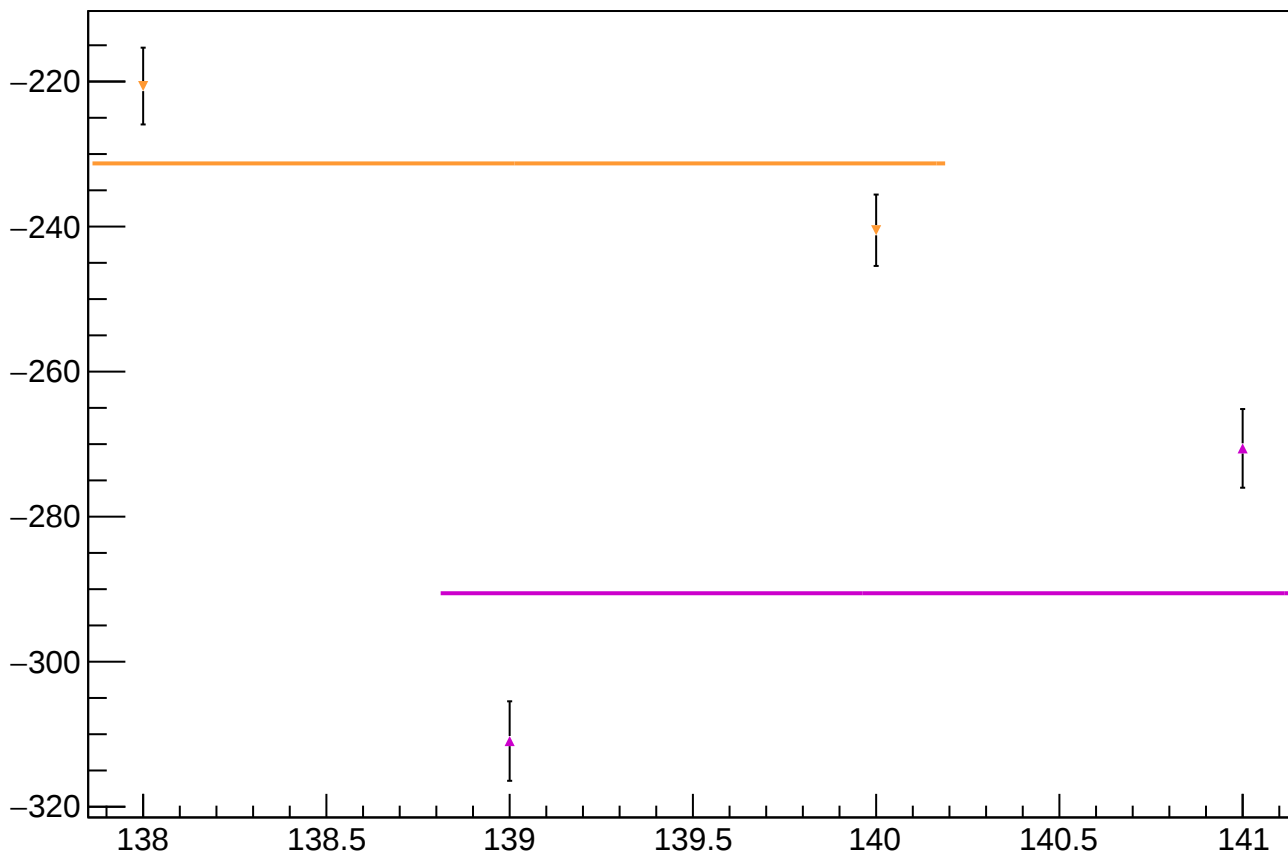
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 6.312 ± 0.028 χ^2/NDF : 392105.8/18

Out: 4.519 ± 0.029 χ^2/NDF : 410177.3/19

All: 5.440 ± 0.020 χ^2/NDF : 804283.1/38

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: -231.291+/-3.604 χ^2/NDF : 7.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -290.560+/-3.856 χ^2/NDF : 27.4/1

Left: -258.930+/-2.633 χ^2/NDF : 161.0/3

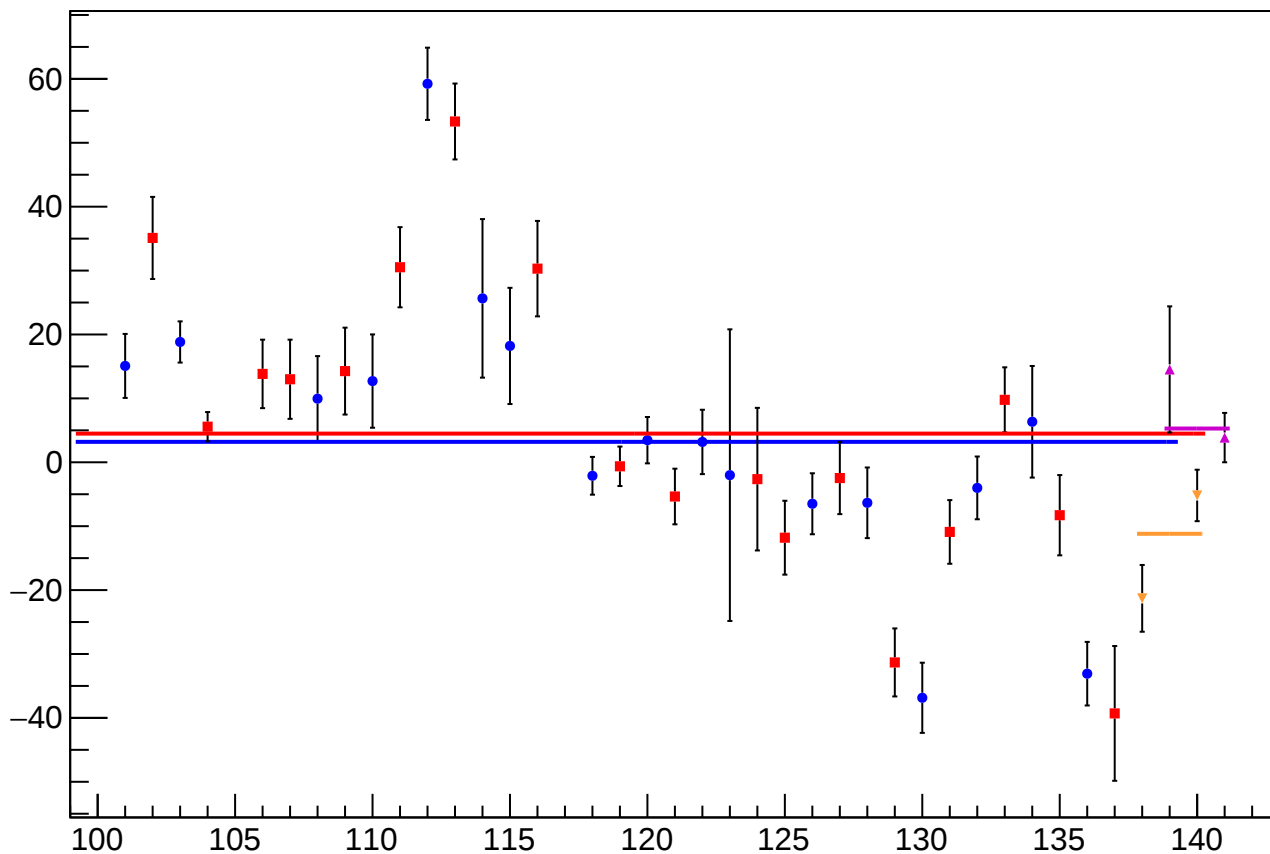
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -290.560+/-3.856 χ^2/NDF : 27.4/1

Out: -231.291+/-3.604 χ^2/NDF : 7.6/1

All: -258.930+/-2.633 χ^2/NDF : 161.0/3

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: -11.190 ± 3.189 χ^2/NDF : 6.0/1

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 5.282 ± 3.598 χ^2/NDF : 1.0/1

Left: -3.941 ± 2.387 χ^2/NDF : 18.7/3

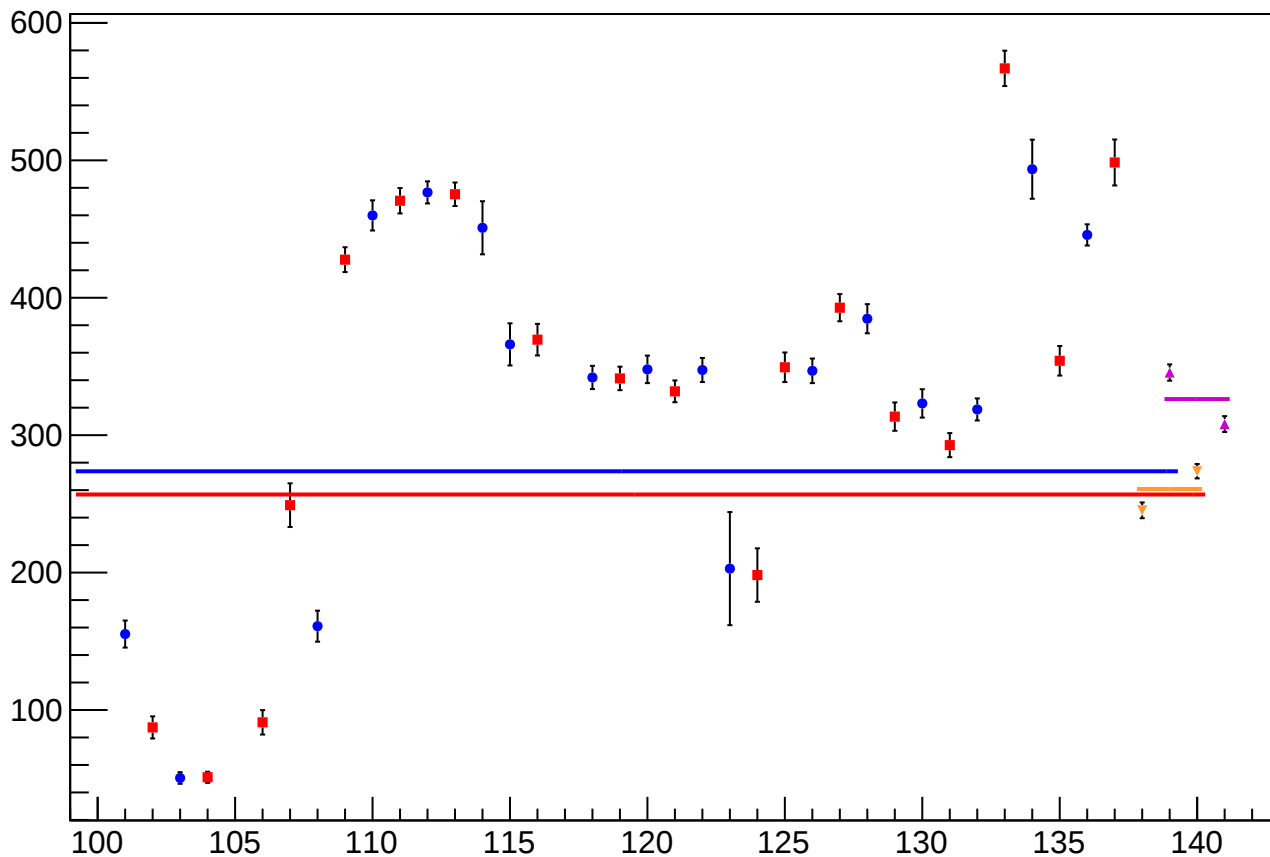
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 3.417 ± 1.162 χ^2/NDF : 256.5/18

Out: 2.661 ± 1.089 χ^2/NDF : 249.1/19

All: 3.014 ± 0.794 χ^2/NDF : 505.8/38

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: 260.834 $\pm$ 3.869 χ^2 /NDF:13.4/1

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 326.285 $\pm$ 4.136 χ^2 /NDF:20.5/1

Left: 291.379 $\pm$ 2.826 χ^2 /NDF: 167.5/3

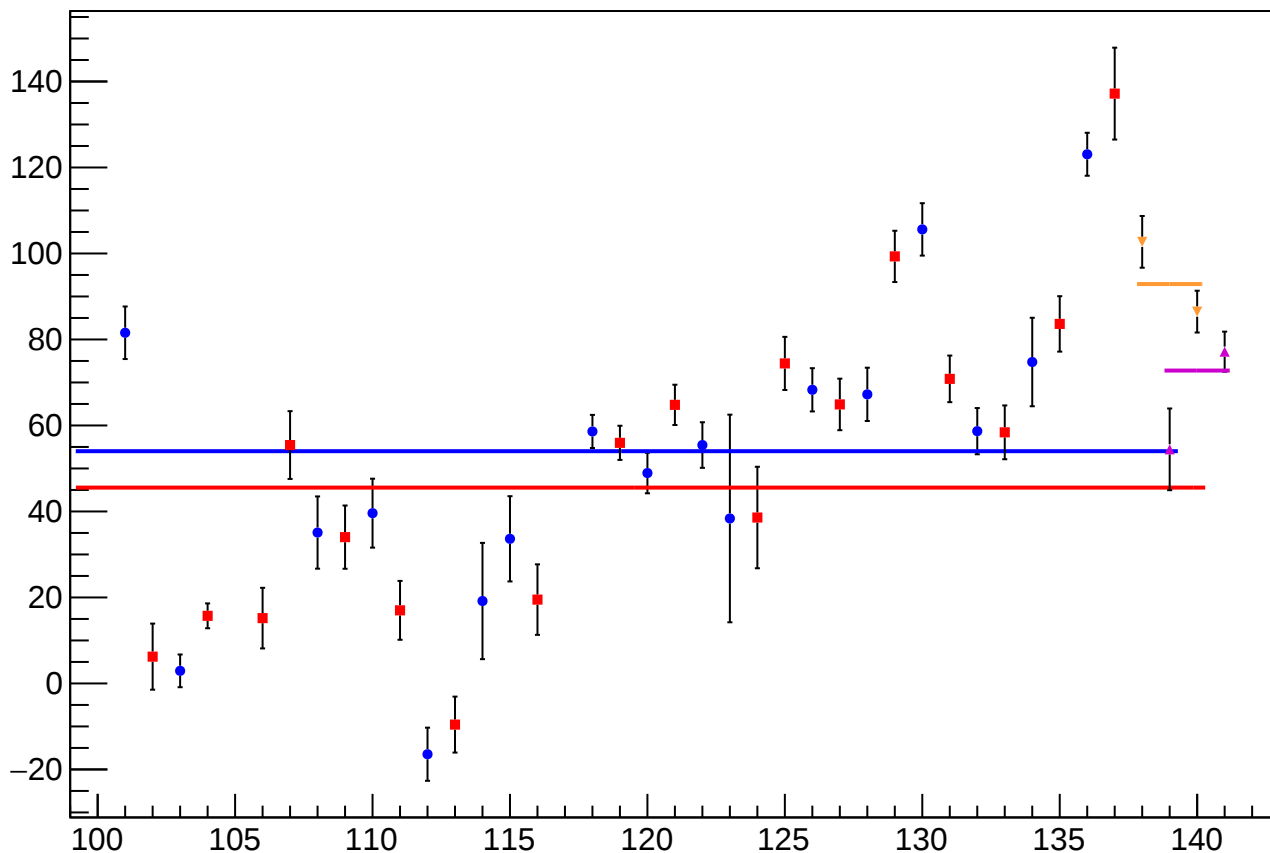
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 285.264 $\pm$ 1.939 χ^2 /NDF:5249.9/18

Out: 257.727 $\pm$ 1.835 χ^2 /NDF:6426.0/19

All: 270.737 $\pm$ 1.332 χ^2 /NDF: 11782.3/38

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: 92.888 $\pm$ 3.781 χ^2 /NDF:4.4/1

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 72.770 $\pm$ 4.180 χ^2 /NDF:4.6/1

Left: 83.834 $\pm$ 2.804 χ^2 /NDF: 21.8/3

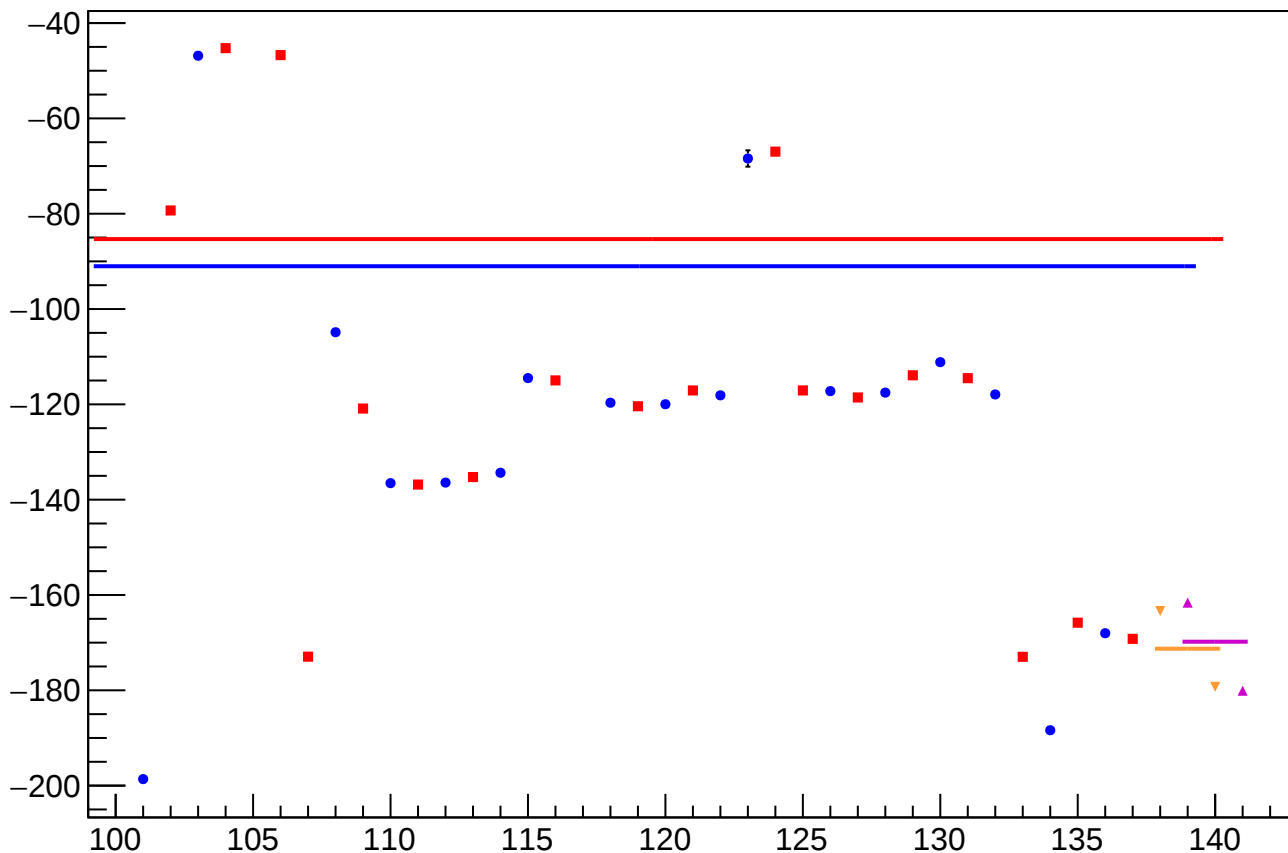
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 55.964 $\pm$ 1.347 χ^2 /NDF:655.5/18

Out: 50.964 $\pm$ 1.278 χ^2 /NDF:669.8/19

All: 53.333 $\pm$ 0.927 χ^2 /NDF: 1332.6/38

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: -171.270+/-0.162 χ^2/NDF : 2418.6/1

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -169.801+/-0.156 χ^2/NDF : 3472.0/1

Left: -170.508+/-0.112 χ^2/NDF : 5933.3/3

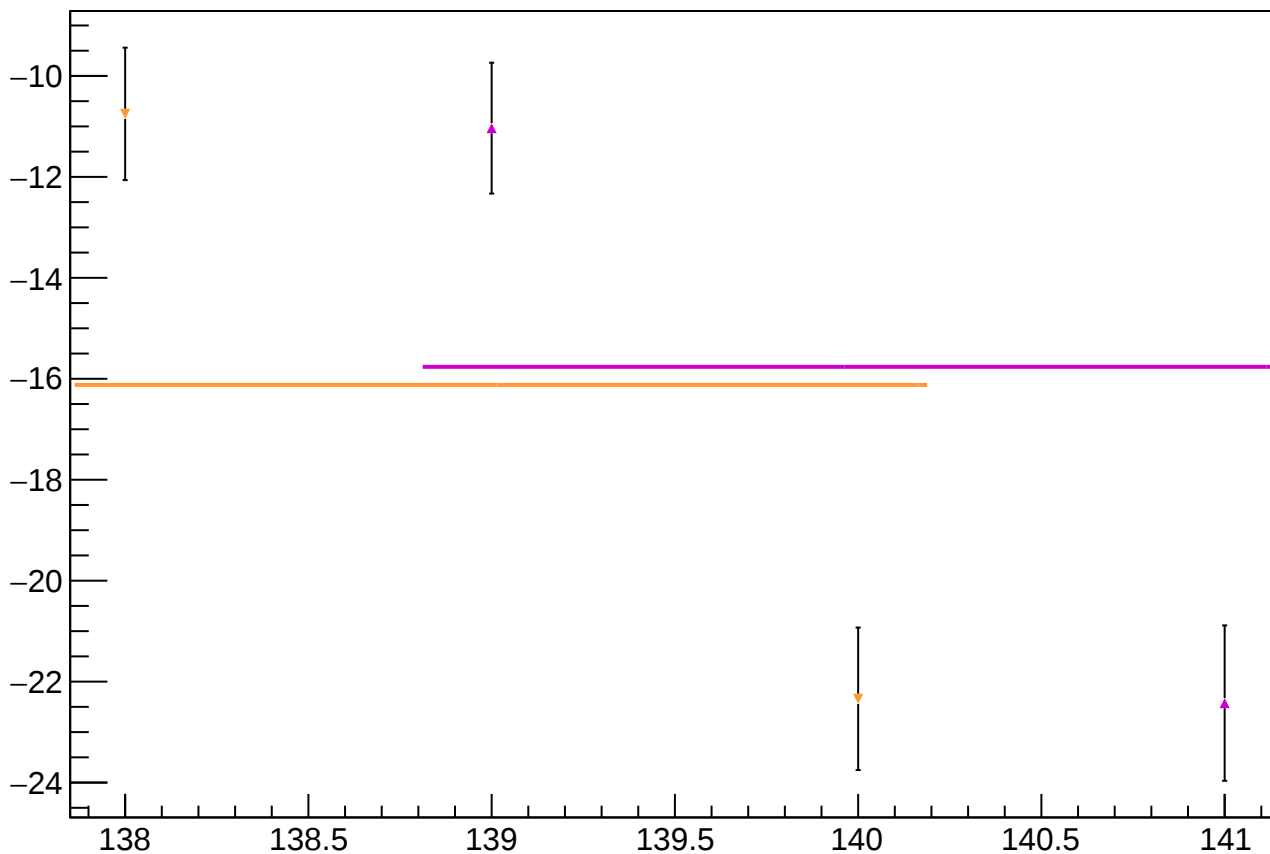
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -103.492+/-0.062 χ^2/NDF : 752845.5/18

Out: -97.334+/-0.060 χ^2/NDF : 728590.2/19

All: -100.334+/-0.043 χ^2/NDF : 1486494.8/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -16.121 $\pm$ 0.961 χ^2/NDF : 36.2/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -15.763 $\pm$ 0.992 χ^2/NDF : 32.0/1

Left: -15.948 $\pm$ 0.690 χ^2/NDF : 68.3/3

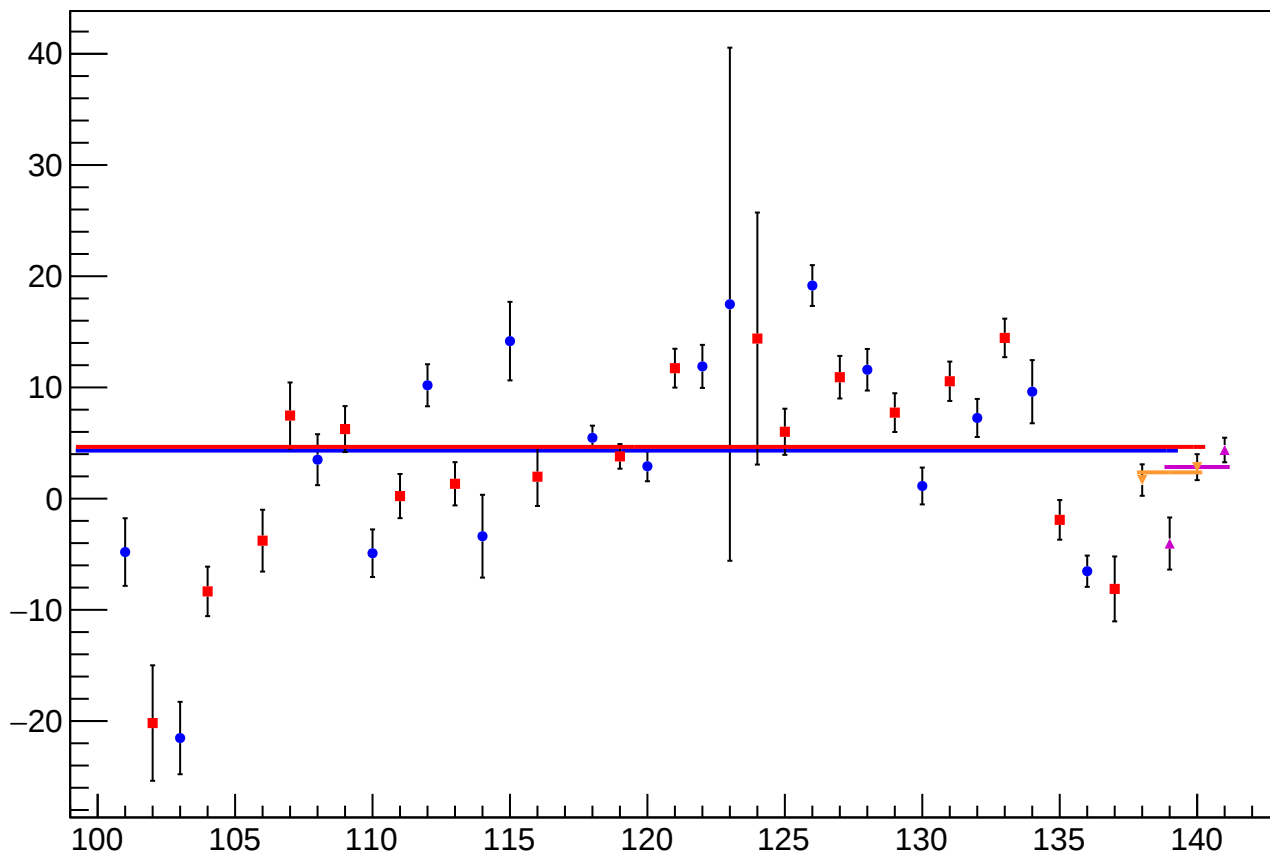
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -15.763 $\pm$ 0.992 χ^2/NDF : 32.0/1

Out: -16.121 $\pm$ 0.961 χ^2/NDF : 36.2/1

All: -15.948 $\pm$ 0.690 χ^2/NDF : 68.3/3

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: 2.361 $\pm$ 0.900 χ^2/NDF :0.4/1

Right Out: 4.653 $\pm$ 0.474 χ^2/NDF : 184.4/17

Left In: 2.844 $\pm$ 0.999 χ^2/NDF :10.5/1

Left: 2.578 $\pm$ 0.669 χ^2/NDF : 11.1/3

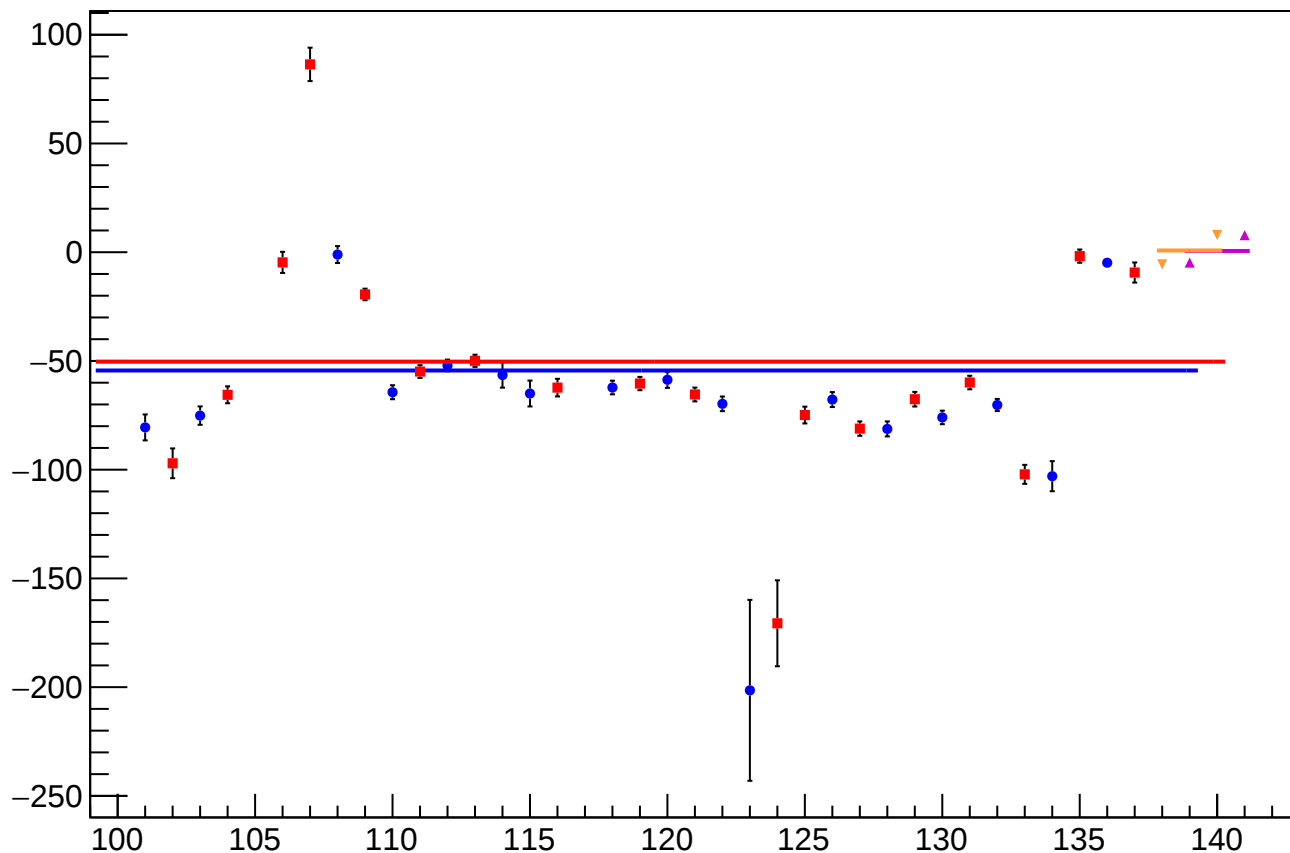
Right: 4.484 $\pm$ 0.332 χ^2/NDF : 465.0/34

In: 4.058 $\pm$ 0.422 χ^2/NDF :292.7/18

Out: 4.156 $\pm$ 0.419 χ^2/NDF :189.9/19

All: 4.107 $\pm$ 0.297 χ^2/NDF : 482.6/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: 0.800 ± 1.034 χ^2/NDF : 42.4/1

Right Out: -50.316 ± 0.858 χ^2/NDF : 1319.3/17

Left In: 0.576 ± 1.066 χ^2/NDF : 34.2/1

Left: 0.691 ± 0.742 χ^2/NDF : 76.6/3

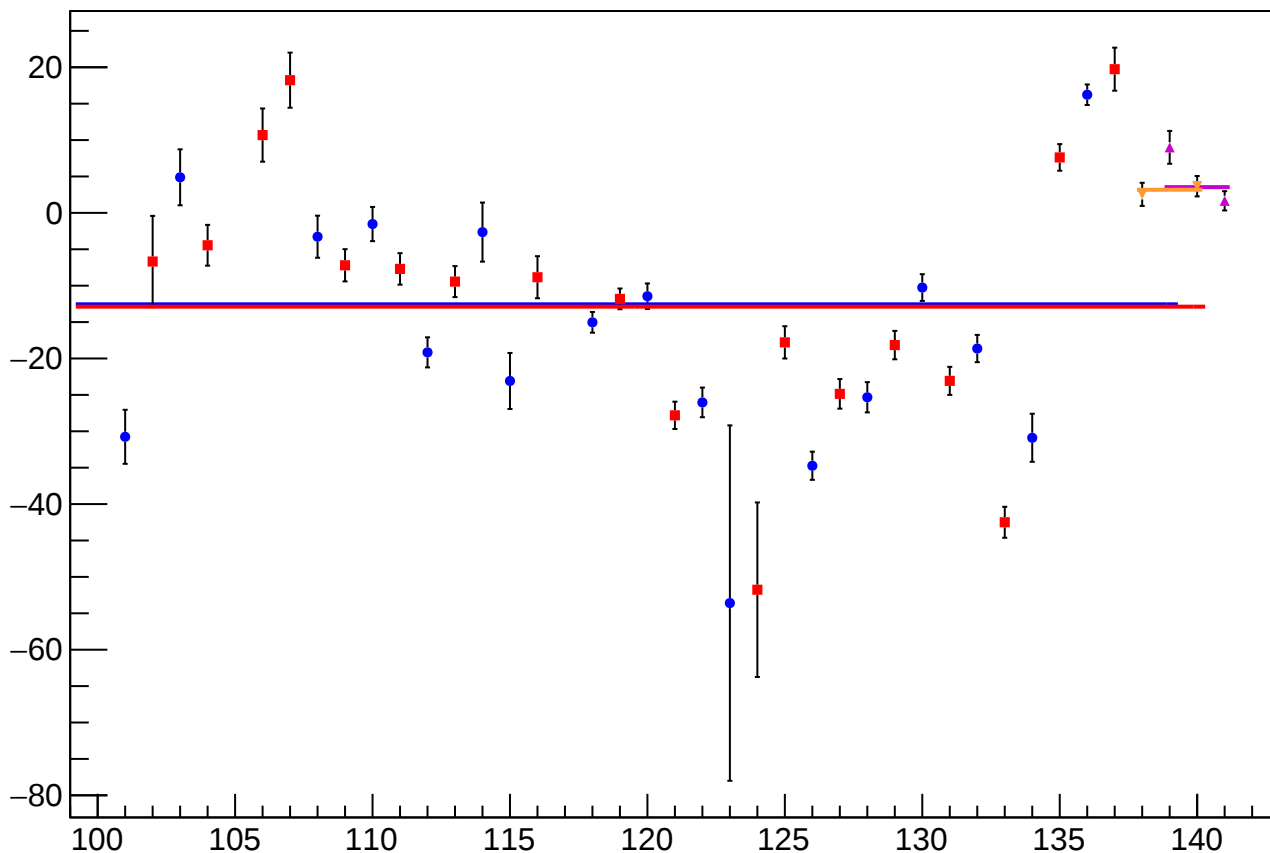
Right: -52.337 ± 0.609 χ^2/NDF : 2344.4/34

In: -32.571 ± 0.671 χ^2/NDF : 2652.6/18

Out: -29.453 ± 0.660 χ^2/NDF : 2809.3/19

All: -30.986 ± 0.471 χ^2/NDF : 5472.9/38

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: 3.176 ± 1.050 χ^2/NDF : 0.3/1

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 3.539 ± 1.142 χ^2/NDF : 7.9/1

Left: 3.342 ± 0.773 χ^2/NDF : 8.2/3

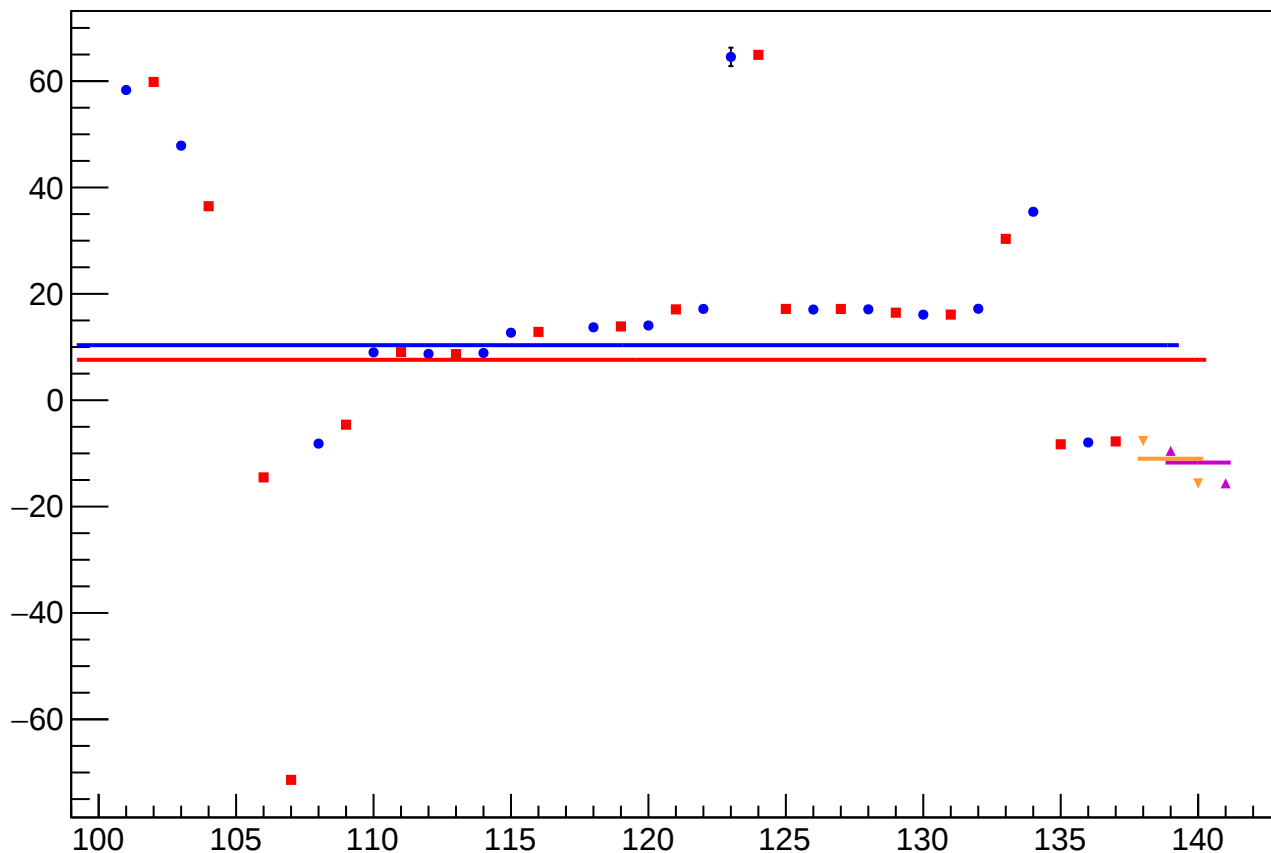
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -9.695 ± 0.482 χ^2/NDF : 950.7/18

Out: -9.542 ± 0.479 χ^2/NDF : 911.9/19

All: -9.618 ± 0.340 χ^2/NDF : 1862.7/38

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: -10.995 ± 0.042 χ^2/NDF : 8669.3/1

Right Out: 7.602 ± 0.031 χ^2/NDF : 538460.3/17

Left In: -11.721 ± 0.040 χ^2/NDF : 5501.9/1

Left: -11.381 ± 0.029 χ^2/NDF : 14329.0/3

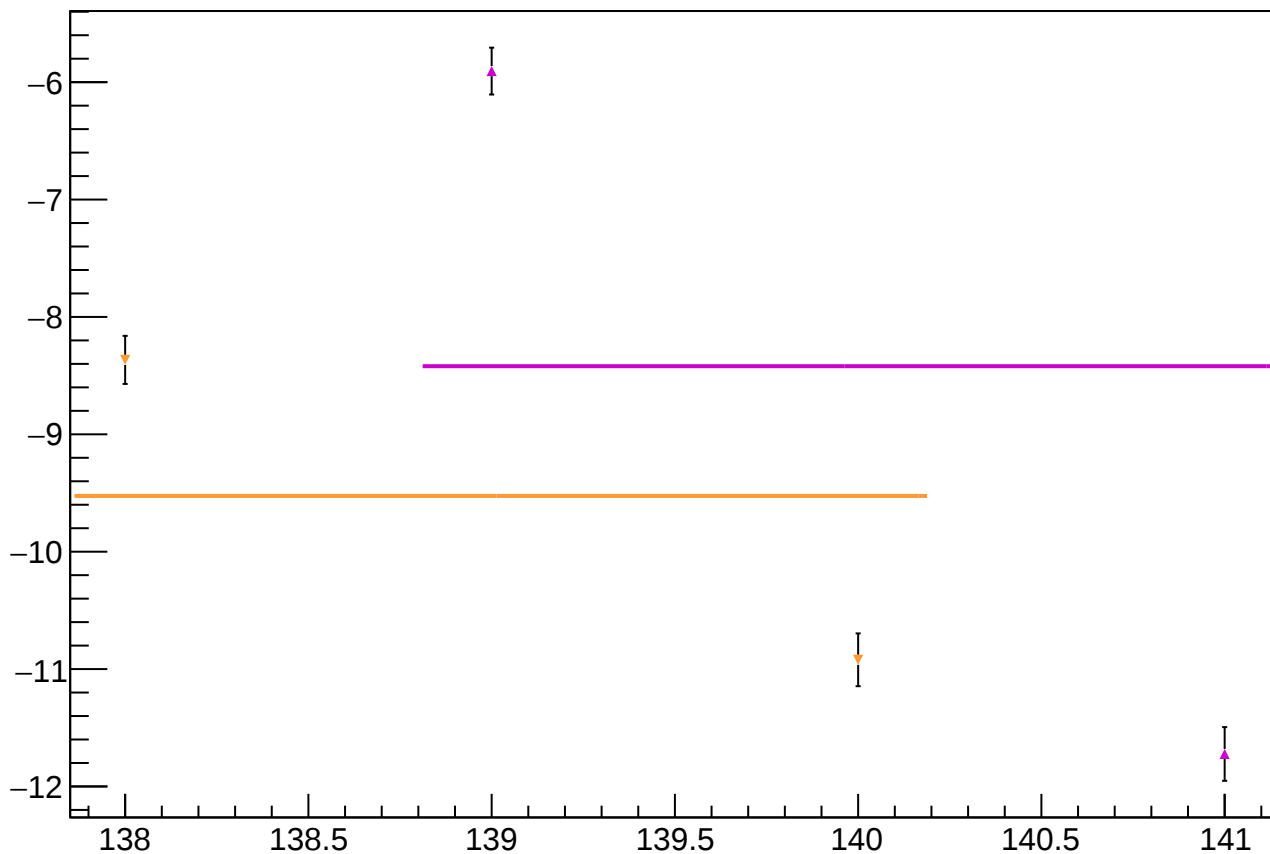
Right: 9.008 ± 0.022 χ^2/NDF : 923283.8/34

In: 2.101 ± 0.024 χ^2/NDF : 581071.1/18

Out: 0.996 ± 0.025 χ^2/NDF : 672587.1/19

All: 1.569 ± 0.017 χ^2/NDF : 1254662.1/38

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: -9.525+/-0.151 χ^2/NDF : 70.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.420+/-0.150 χ^2/NDF : 367.2/1

Left: -8.969+/-0.107 χ^2/NDF : 464.6/3

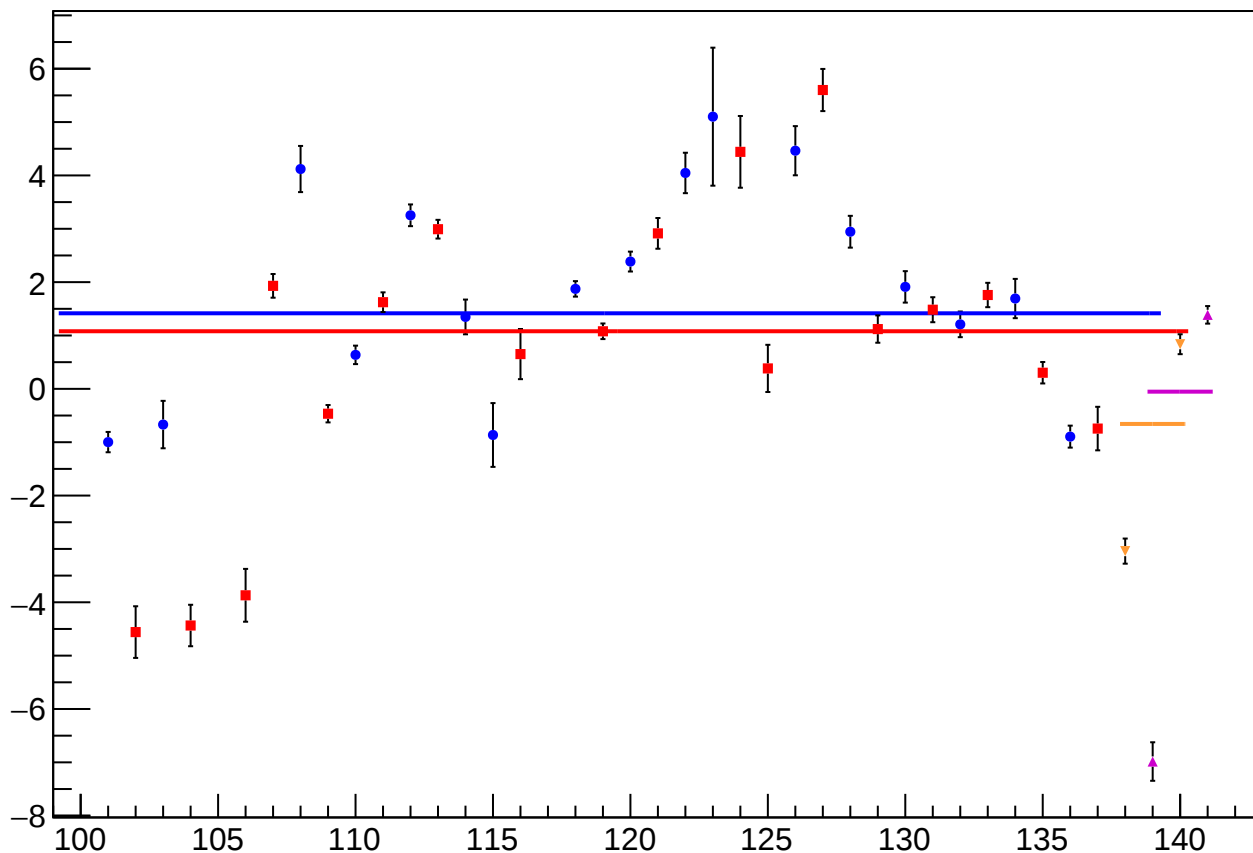
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.420+/-0.150 χ^2/NDF : 367.2/1

Out: -9.525+/-0.151 χ^2/NDF : 70.6/1

All: -8.969+/-0.107 χ^2/NDF : 464.6/3

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416+/-0.061 χ^2/NDF : 631.2/16

Left Out: -0.658+/-0.146 χ^2/NDF :166.7/1

Right Out: 1.080+/-0.058 χ^2/NDF : 916.1/17

Left In: -0.053+/-0.150 χ^2/NDF :445.2/1

Left: -0.362+/-0.105 χ^2/NDF : 620.3/3

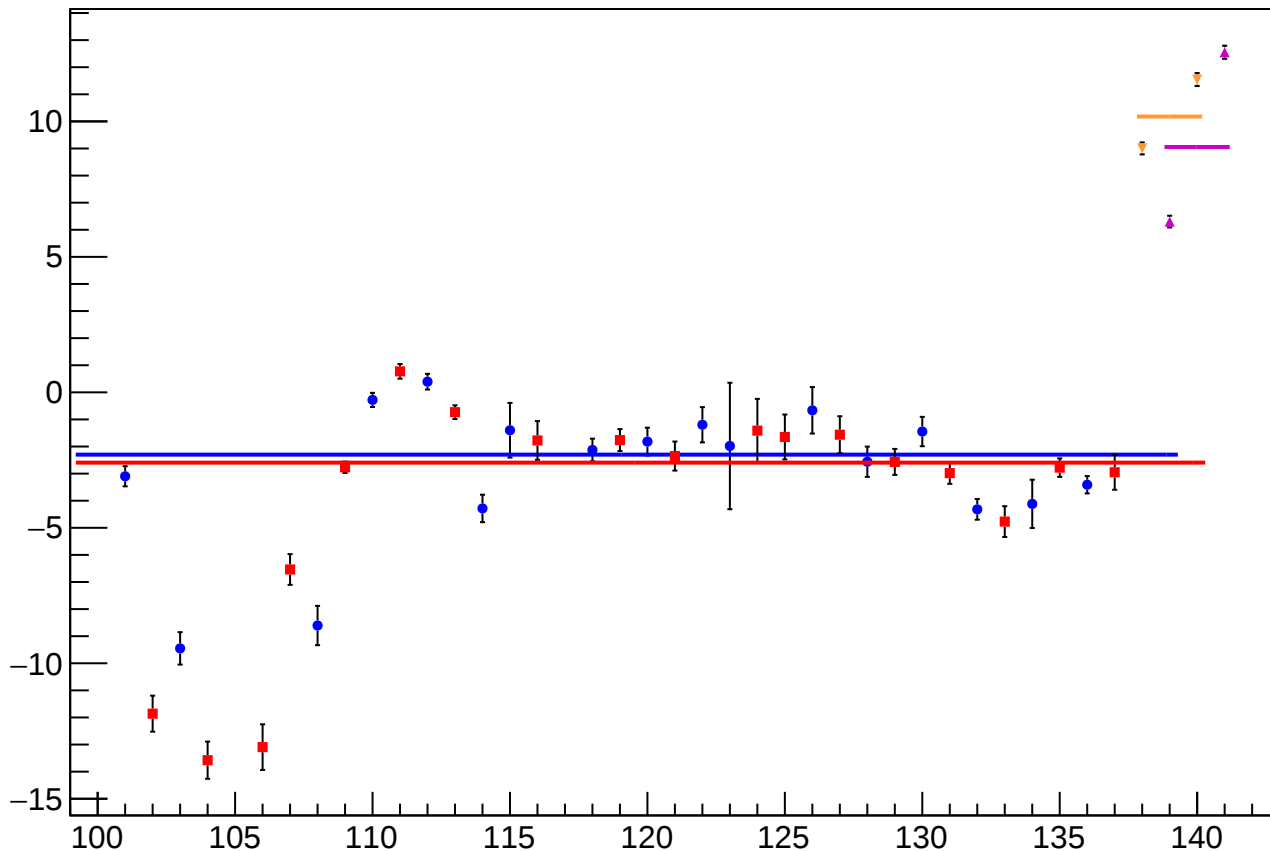
Right: 1.239+/-0.042 χ^2/NDF : 1563.2/34

In: 1.206+/-0.057 χ^2/NDF :1158.8/18

Out: 0.842+/-0.054 χ^2/NDF :1204.9/19

All: 1.015+/-0.039 χ^2/NDF : 2385.3/38

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 10.180 ± 0.163 χ^2/NDF : 60.4/1

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 9.055 ± 0.161 χ^2/NDF : 369.1/1

Left: 9.612 ± 0.115 χ^2/NDF : 453.6/3

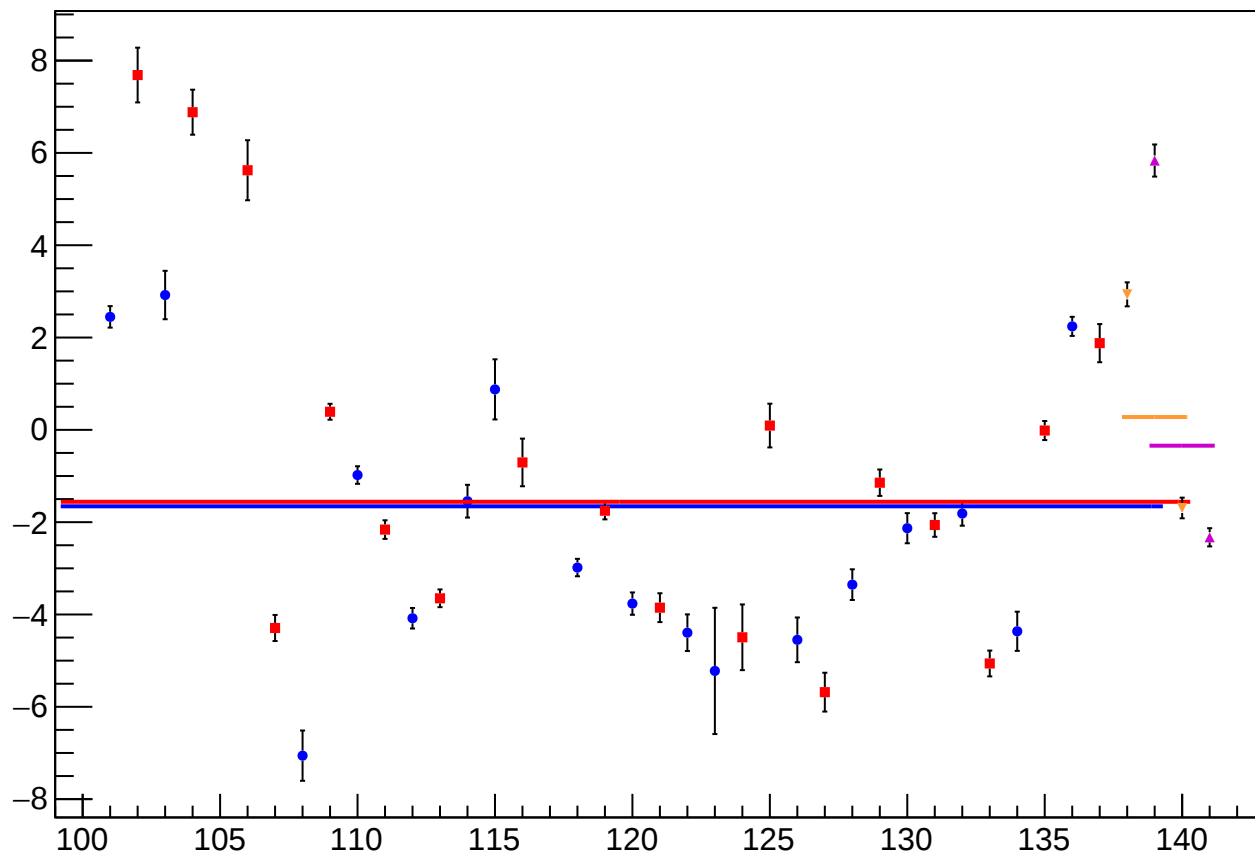
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 1.337 ± 0.091 χ^2/NDF : 4169.8/18

Out: 0.862 ± 0.085 χ^2/NDF : 5429.3/19

All: 1.081 ± 0.062 χ^2/NDF : 9613.6/38

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: 0.278 ± 0.169 χ^2/NDF : 182.3/1

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.343 ± 0.172 χ^2/NDF : 416.6/1

Left: -0.029 ± 0.121 χ^2/NDF : 605.6/3

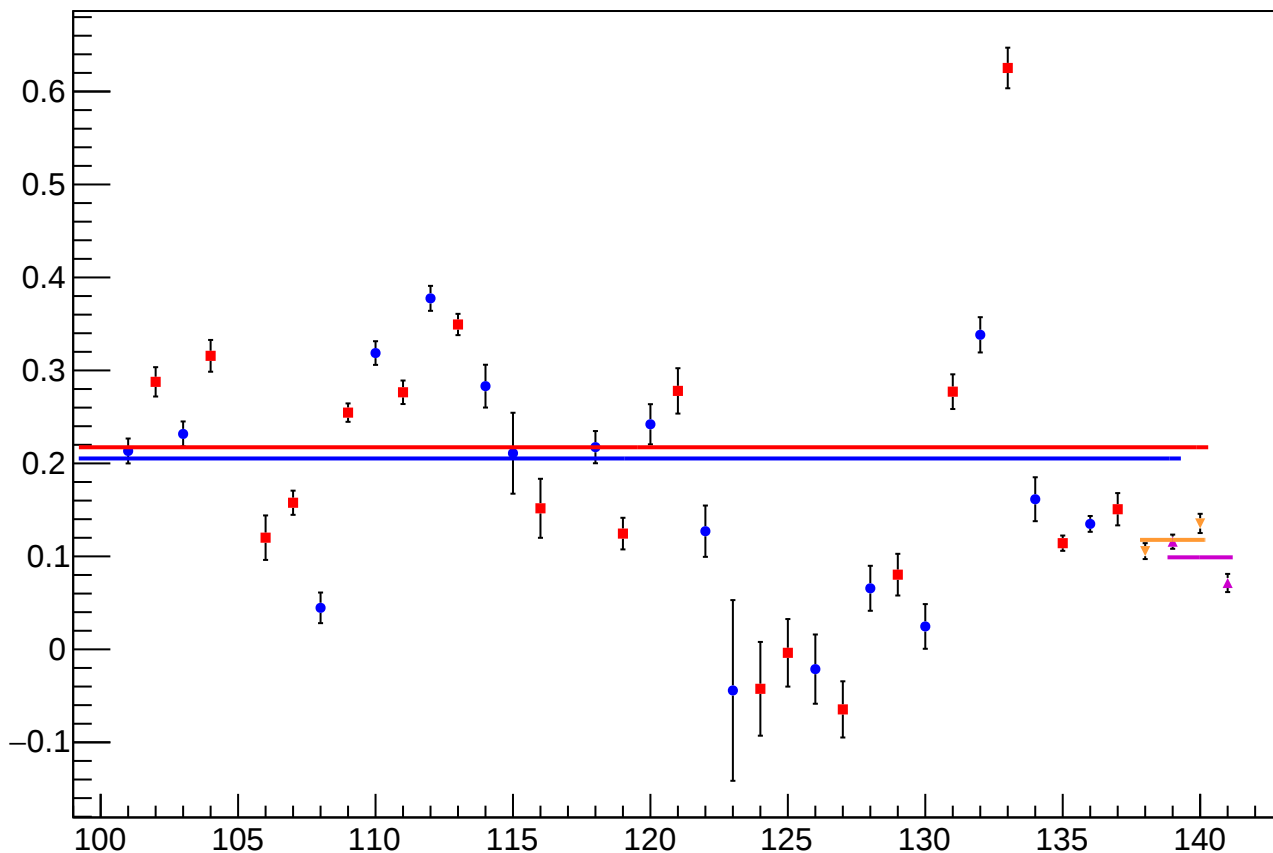
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.467 ± 0.065 χ^2/NDF : 1737.9/18

Out: -1.318 ± 0.061 χ^2/NDF : 1769.1/19

All: -1.388 ± 0.045 χ^2/NDF : 3509.8/38

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.118 $\pm$ 0.007 χ^2 /NDF: 4.9/1

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF: 12.8/1

Left: 0.108 $\pm$ 0.004 χ^2 /NDF: 22.2/3

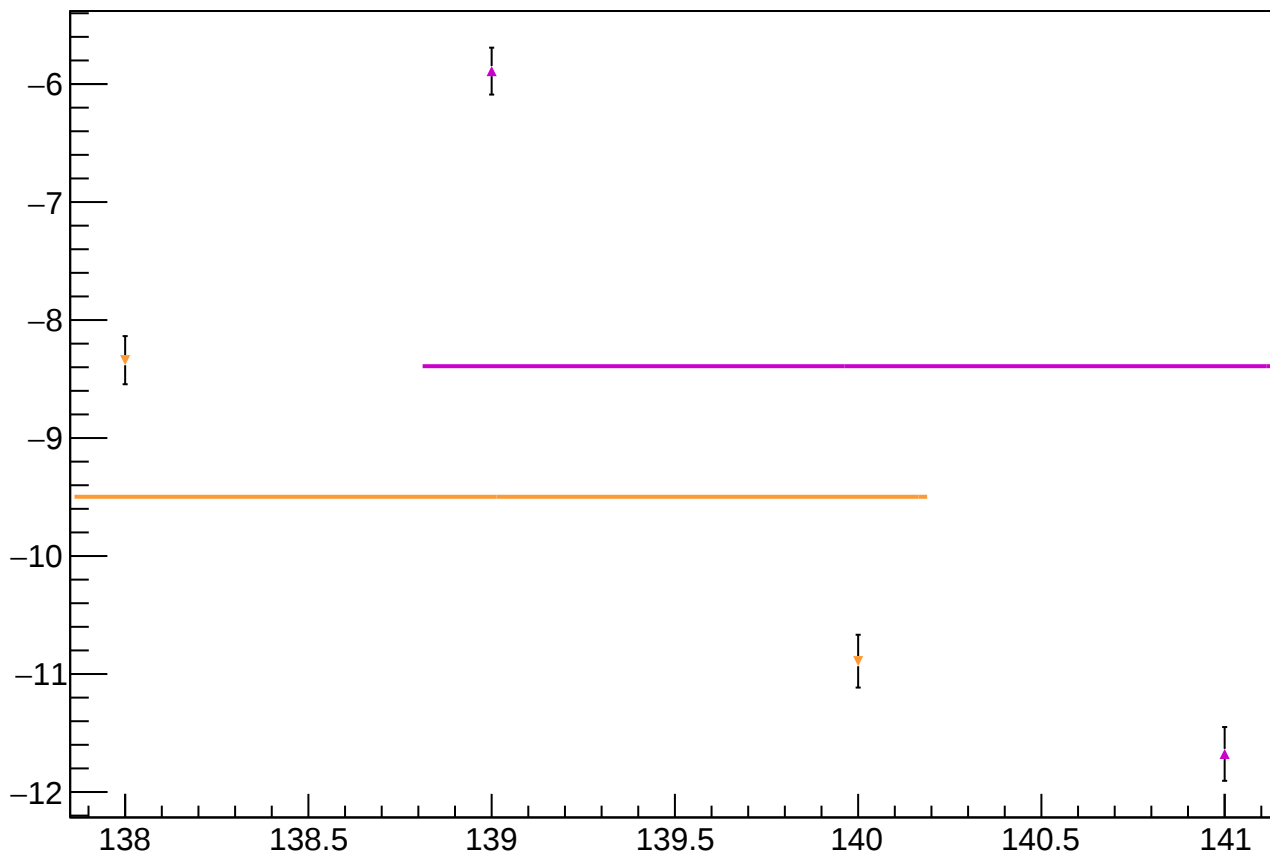
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.171 $\pm$ 0.003 χ^2 /NDF: 845.5/18

Out: 0.193 $\pm$ 0.003 χ^2 /NDF: 1198.0/19

All: 0.183 $\pm$ 0.002 χ^2 /NDF: 2065.9/38

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: -9.498+/-0.151 χ^2/NDF : 71.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.391+/-0.150 χ^2/NDF : 366.5/1

Left: -8.941+/-0.106 χ^2/NDF : 464.6/3

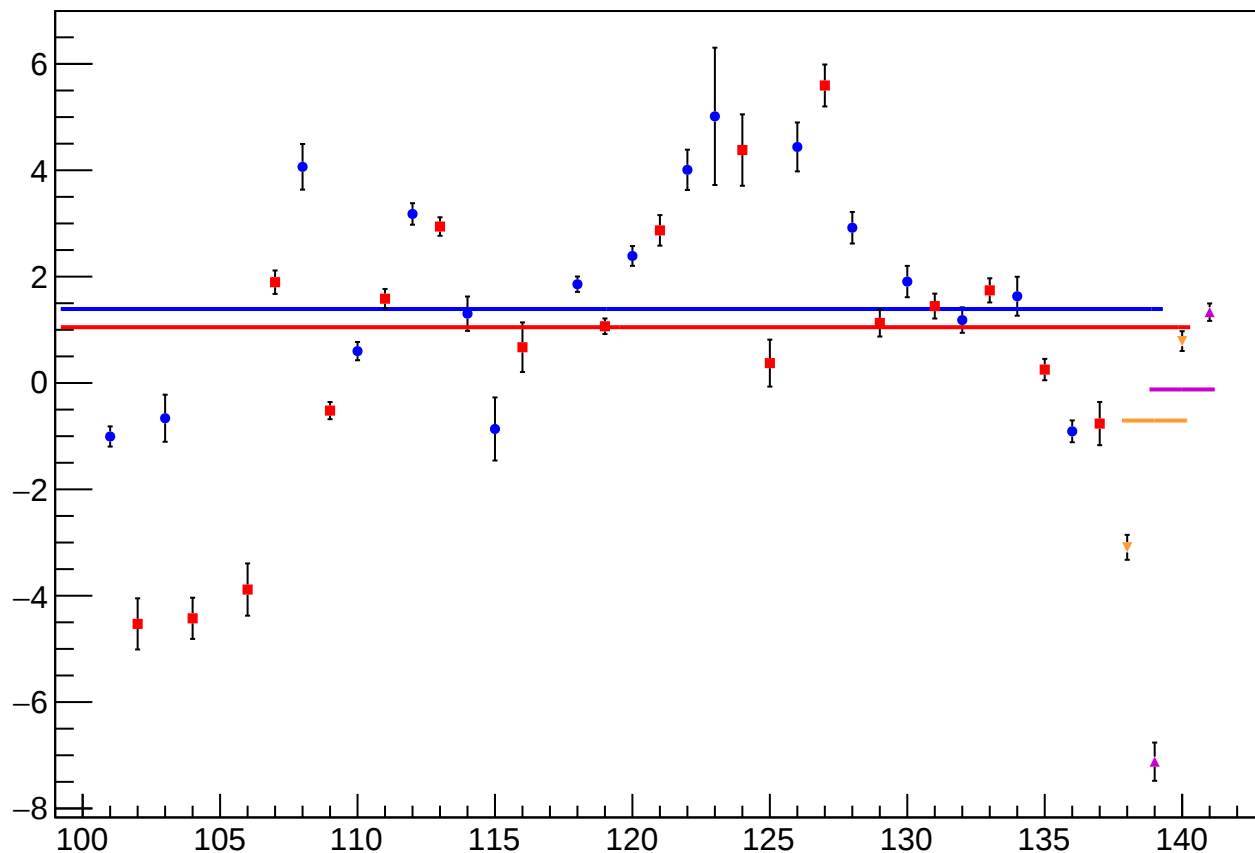
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.391+/-0.150 χ^2/NDF : 366.5/1

Out: -9.498+/-0.151 χ^2/NDF : 71.0/1

All: -8.941+/-0.106 χ^2/NDF : 464.6/3

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: -0.706 ± 0.145 $\chi^2/\text{NDF}: 168.3/1$

Right Out: 1.049 ± 0.058 $\chi^2/\text{NDF}: 919.8/17$

Left In: -0.121 ± 0.149 $\chi^2/\text{NDF}: 457.7/1$

Left: -0.421 ± 0.104 $\chi^2/\text{NDF}: 633.9/3$

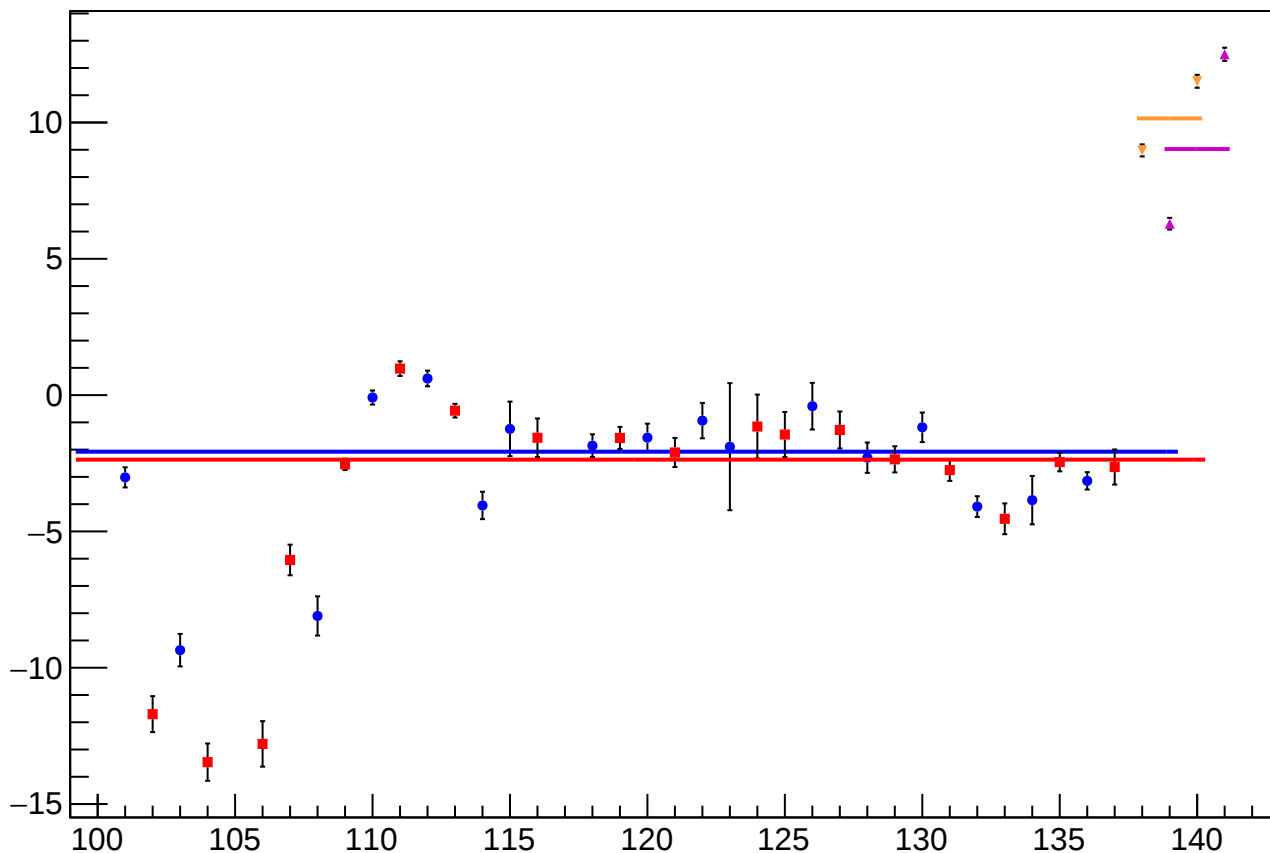
Right: 1.211 ± 0.042 $\chi^2/\text{NDF}: 1565.5/34$

In: 1.175 ± 0.056 $\chi^2/\text{NDF}: 1175.1/18$

Out: 0.809 ± 0.054 $\chi^2/\text{NDF}: 1213.7/19$

All: 0.983 ± 0.039 $\chi^2/\text{NDF}: 2410.8/38$

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: 10.151 ± 0.162 χ^2/NDF : 60.7/1

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 9.026 ± 0.161 χ^2/NDF : 368.2/1

Left: 9.583 ± 0.114 χ^2/NDF : 453.1/3

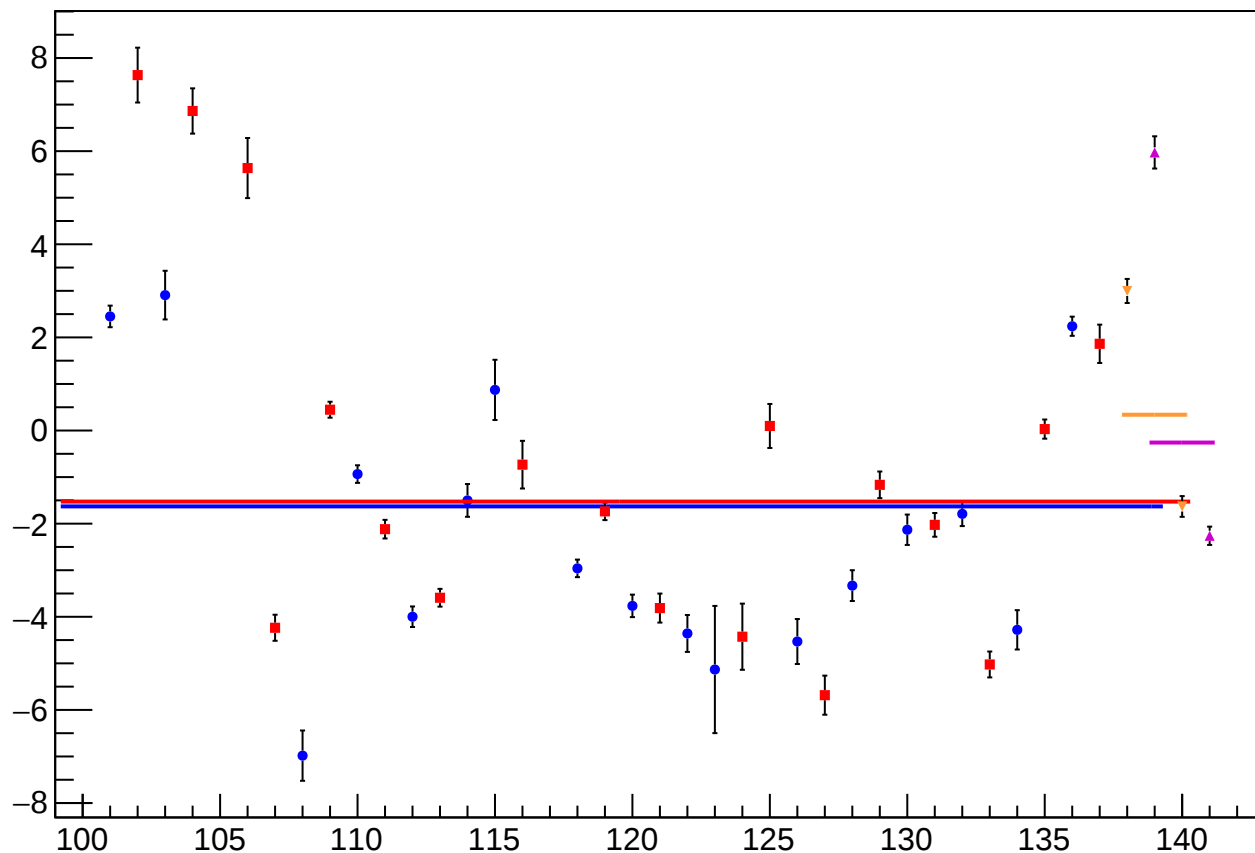
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 1.476 ± 0.091 χ^2/NDF : 4052.3/18

Out: 1.015 ± 0.084 χ^2/NDF : 5295.2/19

All: 1.229 ± 0.062 χ^2/NDF : 9361.2/38

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: 0.339 ± 0.169 χ^2/NDF : 183.9/1

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -0.258 ± 0.171 χ^2/NDF : 427.6/1

Left: 0.044 ± 0.120 χ^2/NDF : 617.7/3

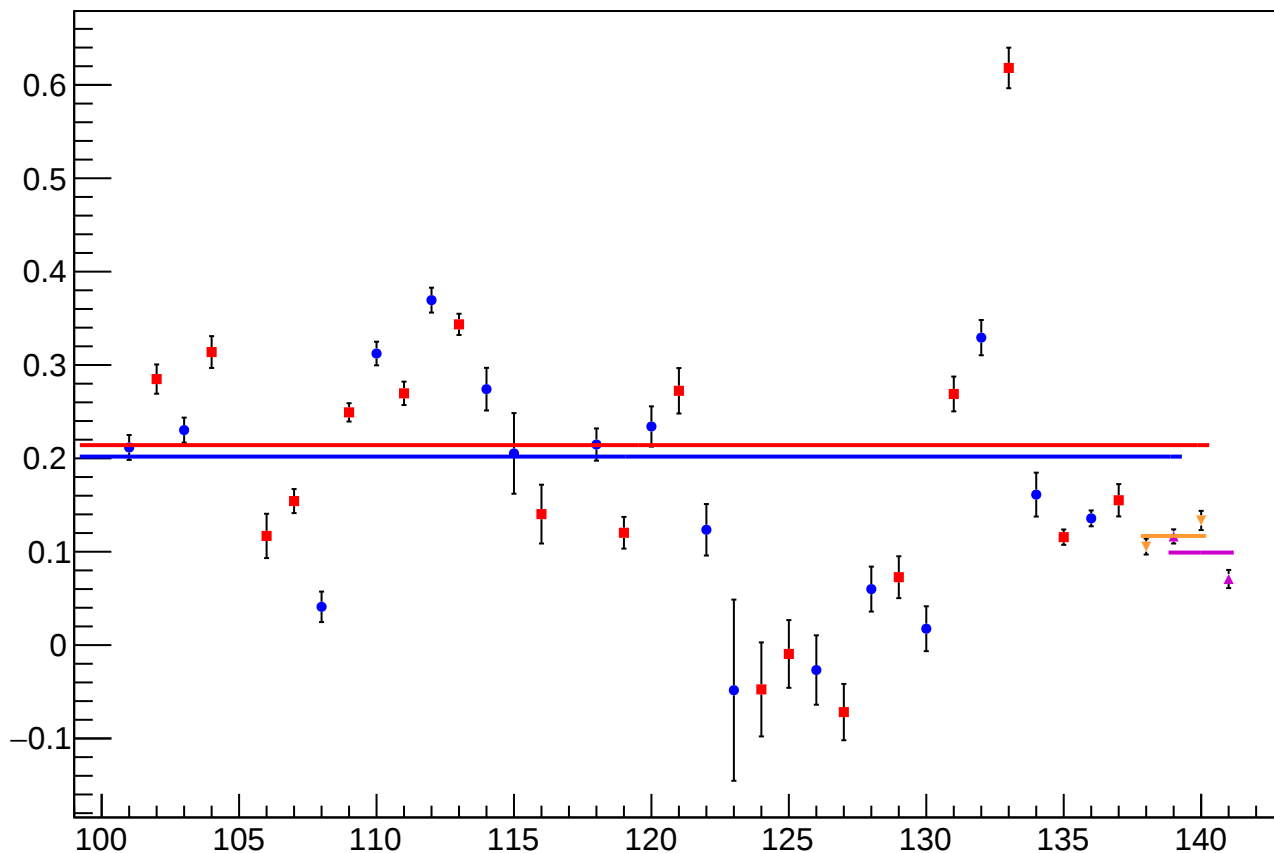
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.432 ± 0.065 χ^2/NDF : 1749.1/18

Out: -1.282 ± 0.061 χ^2/NDF : 1778.3/19

All: -1.352 ± 0.044 χ^2/NDF : 3530.2/38

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: 0.117 $\pm$ 0.007 χ^2 /NDF: 4.4/1

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF: 13.7/1

Left: 0.107 $\pm$ 0.004 χ^2 /NDF: 22.0/3

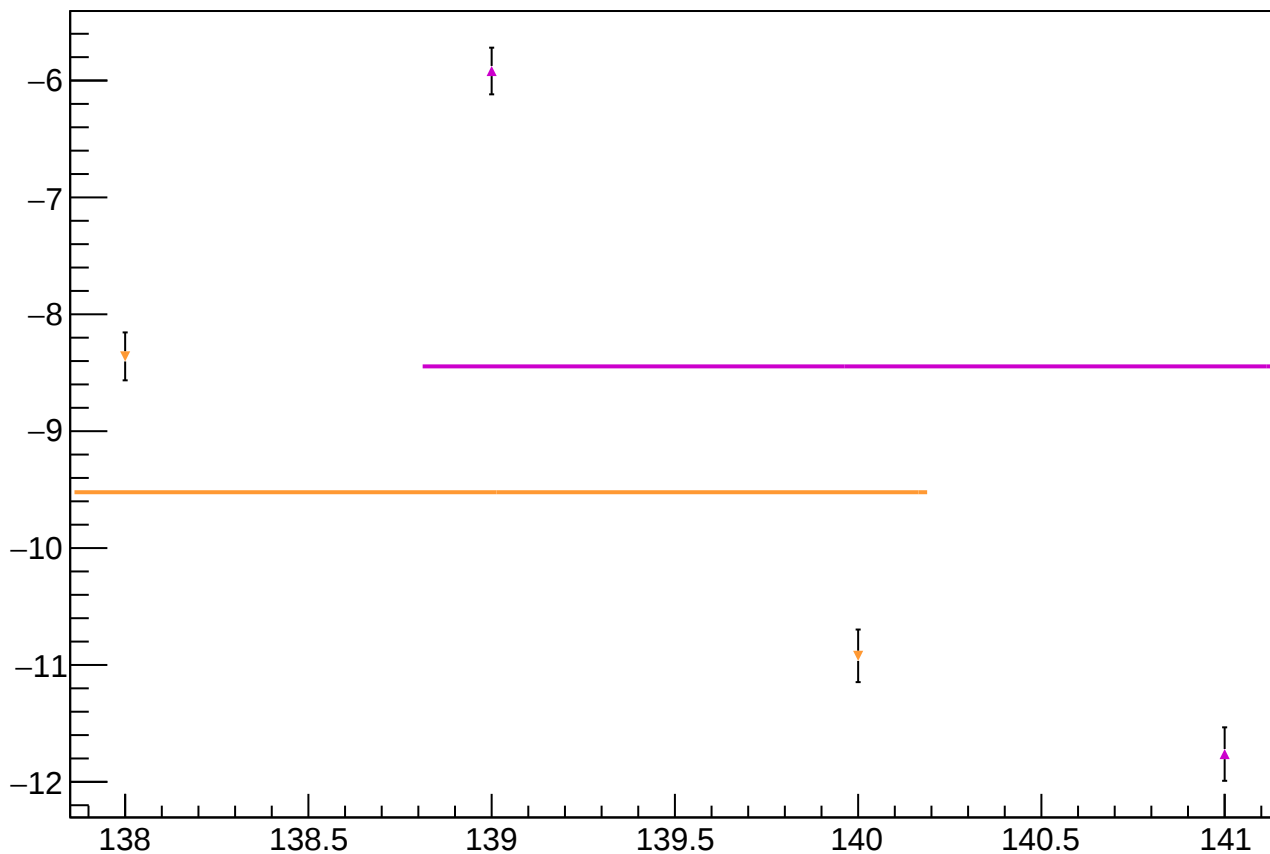
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.169 $\pm$ 0.003 χ^2 /NDF: 818.3/18

Out: 0.191 $\pm$ 0.003 χ^2 /NDF: 1173.2/19

All: 0.180 $\pm$ 0.002 χ^2 /NDF: 2013.4/38

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: -9.522+/-0.152 χ^2/NDF : 70.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.446+/-0.150 χ^2/NDF : 370.6/1

Left: -8.980+/-0.107 χ^2/NDF : 466.9/3

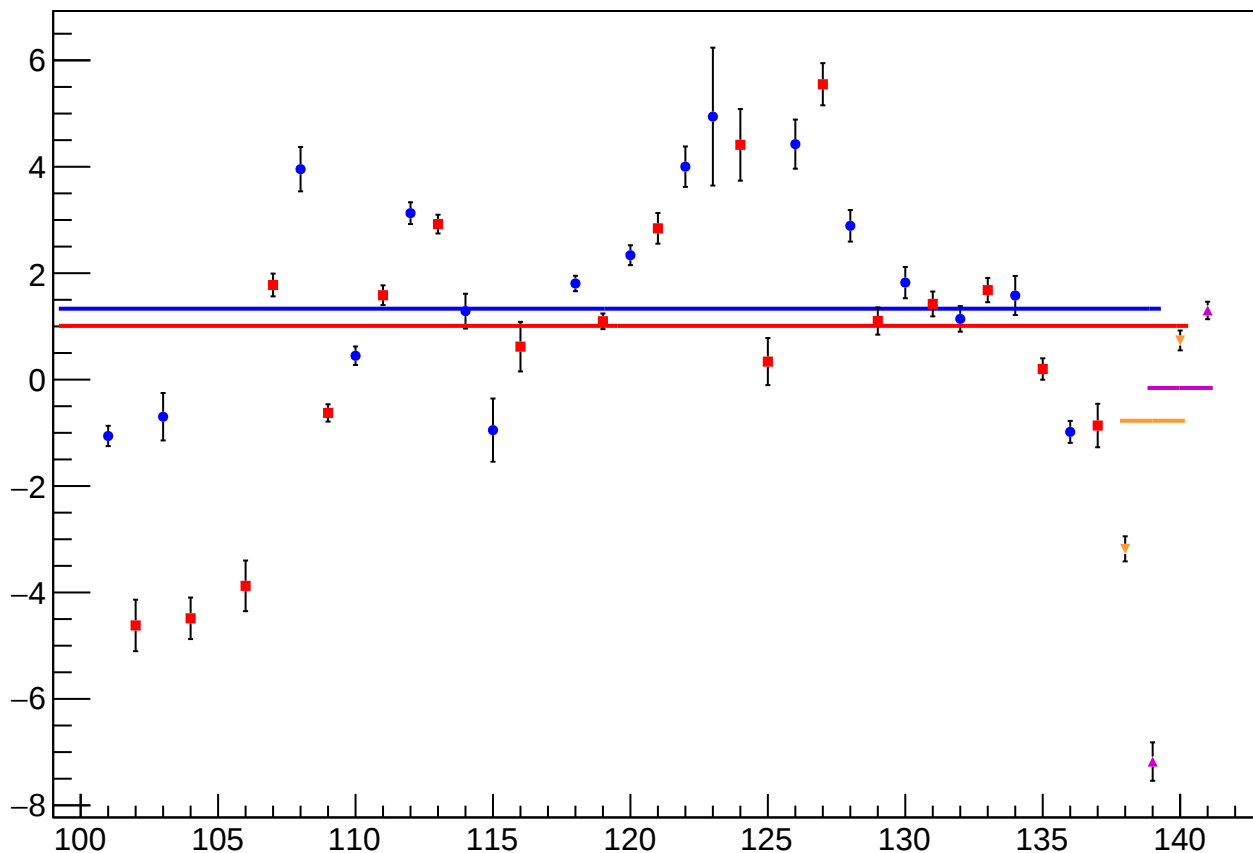
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.446+/-0.150 χ^2/NDF : 370.6/1

Out: -9.522+/-0.152 χ^2/NDF : 70.9/1

All: -8.980+/-0.107 χ^2/NDF : 466.9/3

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: -0.773 ± 0.146 χ^2/NDF : 169.9/1

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: -0.157 ± 0.150 χ^2/NDF : 456.4/1

Left: -0.472 ± 0.105 χ^2/NDF : 635.1/3

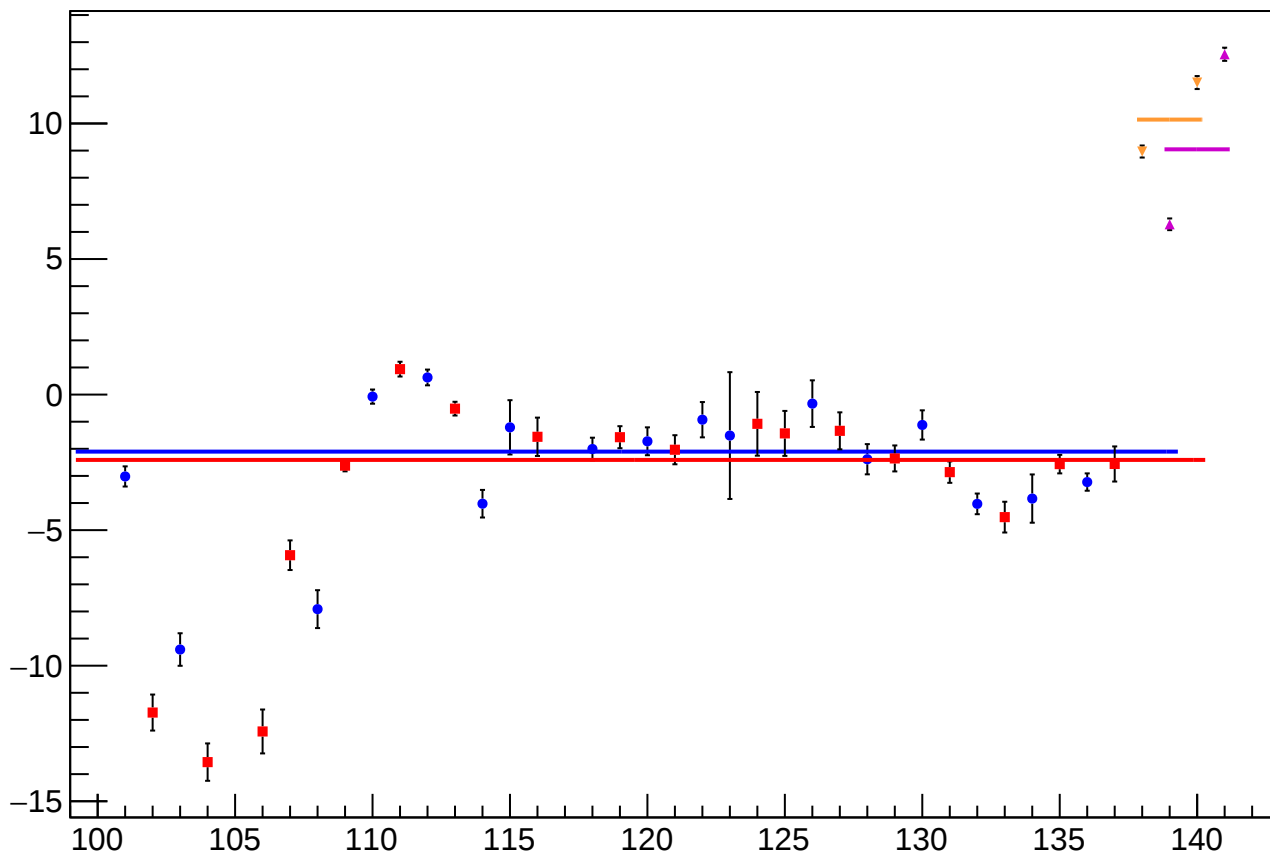
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.120 ± 0.057 χ^2/NDF : 1175.9/18

Out: 0.767 ± 0.054 χ^2/NDF : 1228.6/19

All: 0.935 ± 0.039 χ^2/NDF : 2424.8/38

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: 10.144 ± 0.163 χ^2/NDF : 60.5/1

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 9.046 ± 0.161 χ^2/NDF : 371.8/1

Left: 9.590 ± 0.115 χ^2/NDF : 455.1/3

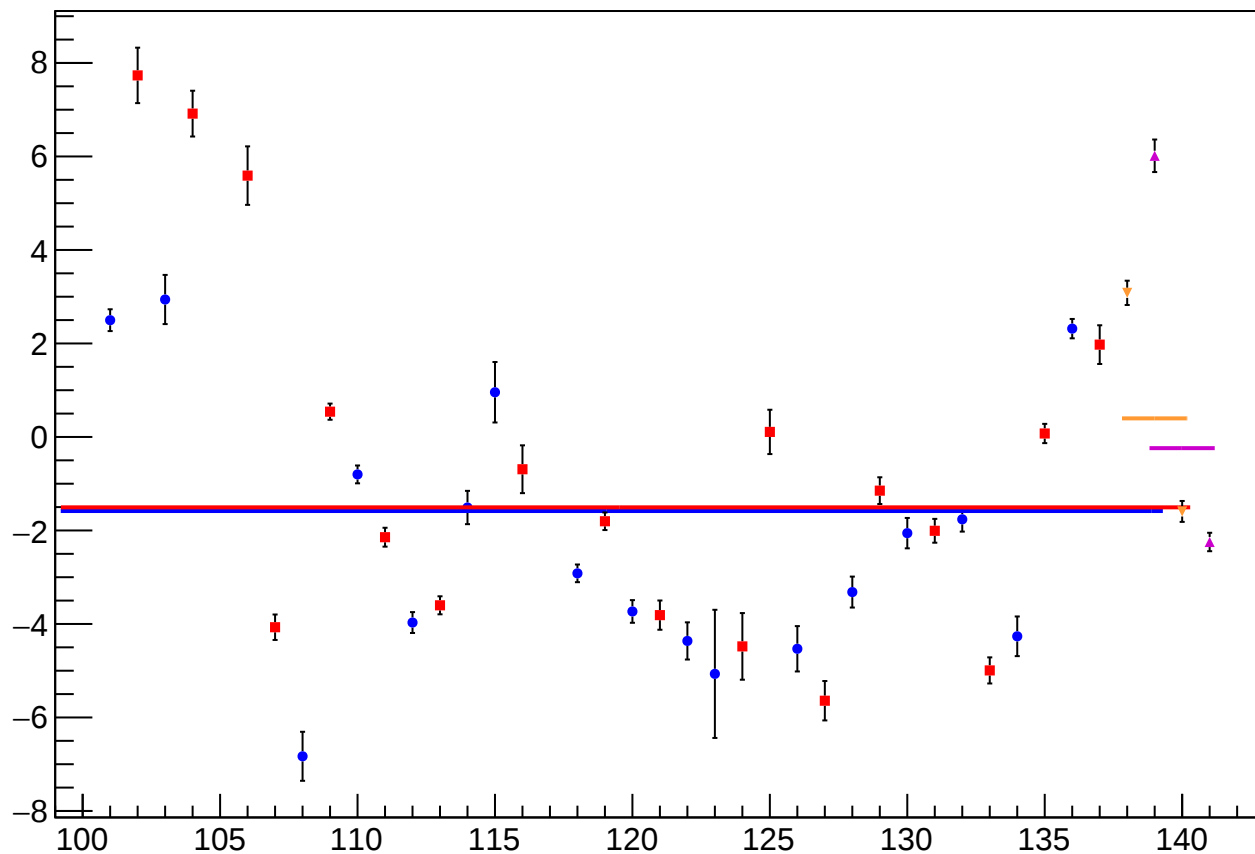
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 1.468 ± 0.091 χ^2/NDF : 4052.0/18

Out: 0.981 ± 0.085 χ^2/NDF : 5270.6/19

All: 1.207 ± 0.062 χ^2/NDF : 9337.9/38

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: 0.397 ± 0.170 χ^2/NDF : 185.8/1

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -0.239 ± 0.172 χ^2/NDF : 426.7/1

Left: 0.083 ± 0.121 χ^2/NDF : 619.6/3

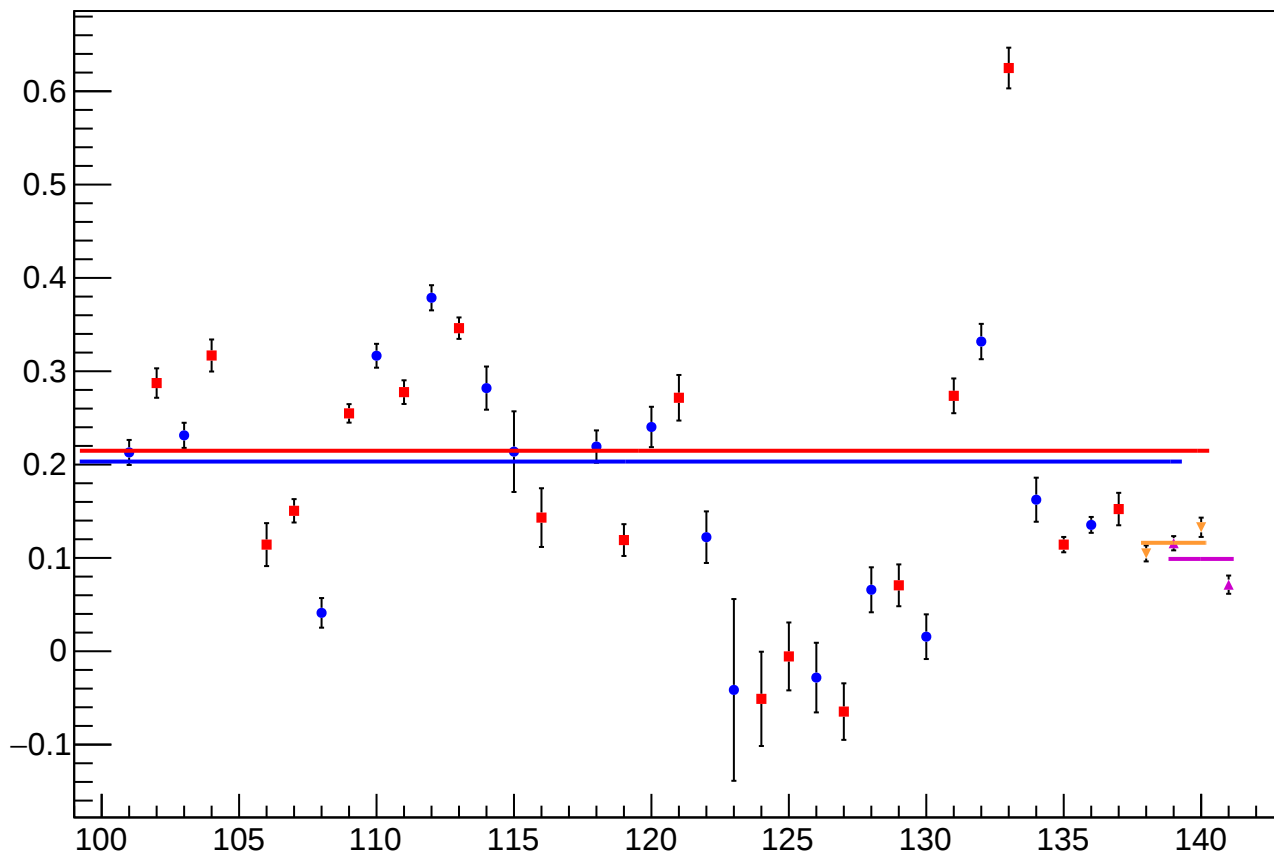
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.390 ± 0.065 χ^2/NDF : 1751.5/18

Out: -1.258 ± 0.061 χ^2/NDF : 1795.2/19

All: -1.320 ± 0.045 χ^2/NDF : 3548.9/38

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 632.8/16

Left Out: 0.116 $\pm$ 0.007 χ^2/NDF : 4.4/1

Right Out: 0.215 $\pm$ 0.004 χ^2/NDF : 1033.0/17

Left In: 0.099 $\pm$ 0.006 χ^2/NDF : 12.8/1

Left: 0.107 $\pm$ 0.004 χ^2/NDF : 20.9/3

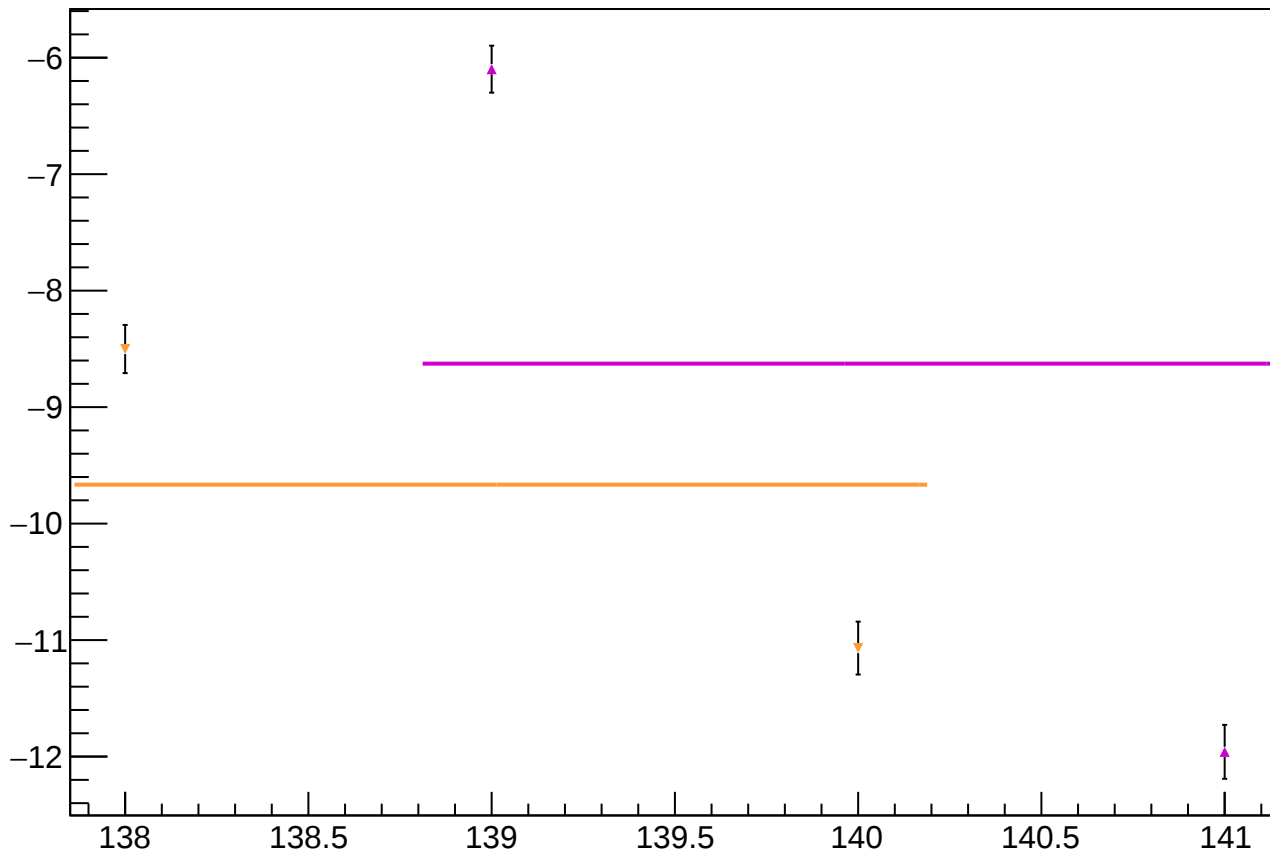
Right: 0.210 $\pm$ 0.003 χ^2/NDF : 1670.1/34

In: 0.170 $\pm$ 0.003 χ^2/NDF : 850.1/18

Out: 0.191 $\pm$ 0.003 χ^2/NDF : 1207.6/19

All: 0.181 $\pm$ 0.002 χ^2/NDF : 2078.6/38

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: -9.666+/-0.153 χ^2/NDF : 69.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Left: -9.143+/-0.108 χ^2/NDF : 457.5/3

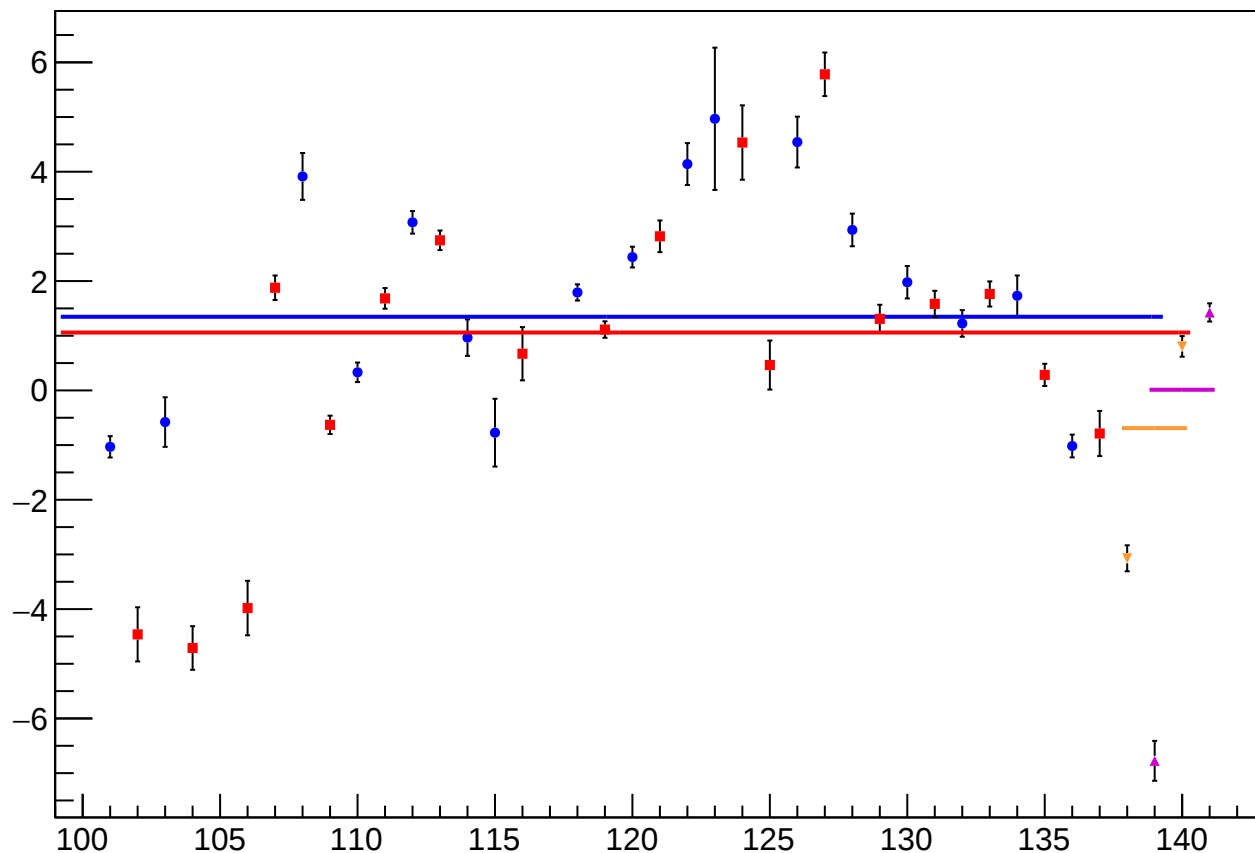
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Out: -9.666+/-0.153 χ^2/NDF : 69.9/1

All: -9.143+/-0.108 χ^2/NDF : 457.5/3

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: -0.690 ± 0.147 χ^2/NDF : 163.6/1

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.012 ± 0.151 χ^2/NDF : 418.2/1

Left: -0.348 ± 0.106 χ^2/NDF : 592.8/3

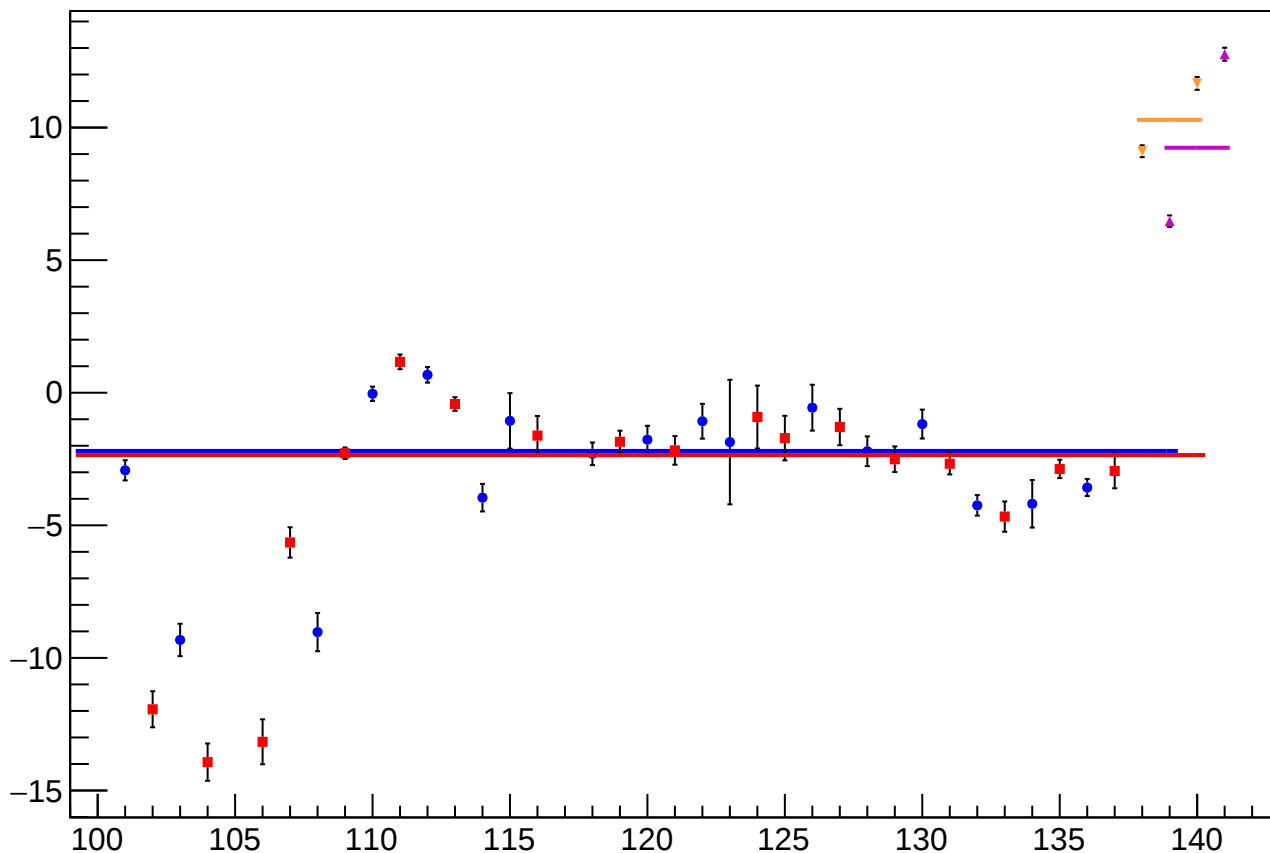
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.154 ± 0.058 χ^2/NDF : 1114.7/18

Out: 0.816 ± 0.055 χ^2/NDF : 1189.8/19

All: 0.977 ± 0.040 χ^2/NDF : 2322.6/38

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: 10.291 ± 0.165 $\chi^2/\text{NDF}: 60.0/1$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

Left: 9.761 ± 0.116 $\chi^2/\text{NDF}: 447.0/3$

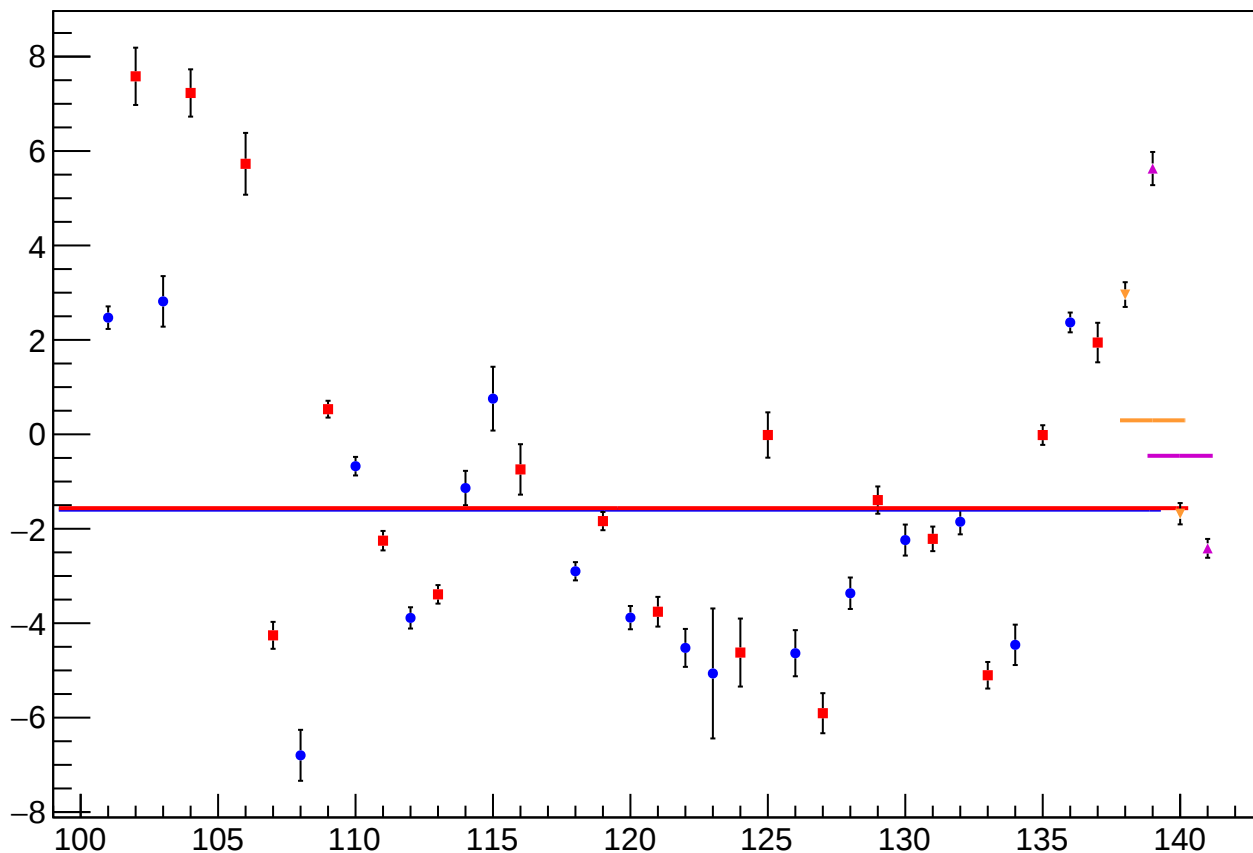
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 1.501 ± 0.093 $\chi^2/\text{NDF}: 4147.5/18$

Out: 1.126 ± 0.086 $\chi^2/\text{NDF}: 5246.3/19$

All: 1.300 ± 0.063 $\chi^2/\text{NDF}: 9402.6/38$

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: 0.296 ± 0.171 χ^2/NDF : 180.0/1

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -0.455 ± 0.174 χ^2/NDF : 396.0/1

Left: -0.074 ± 0.122 χ^2/NDF : 585.5/3

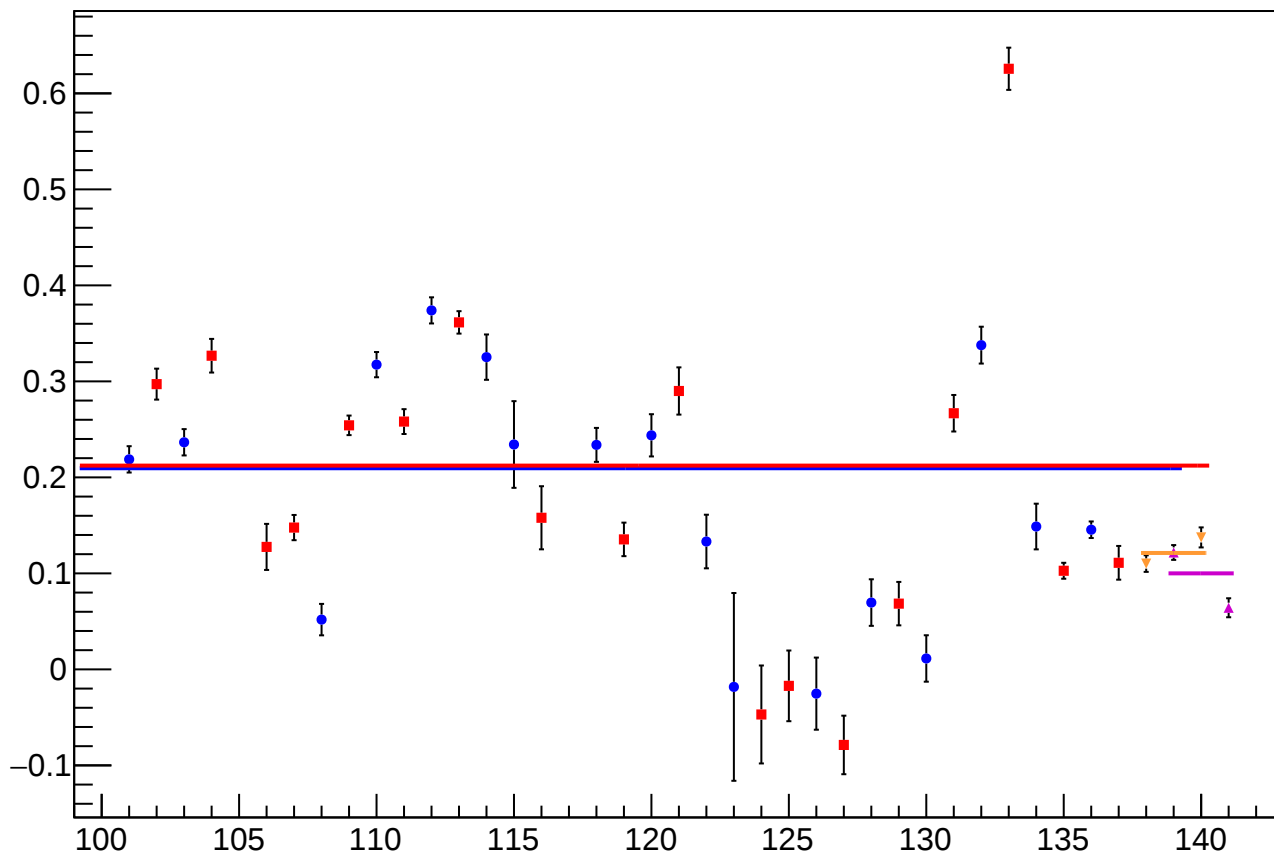
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.429 ± 0.066 χ^2/NDF : 1688.3/18

Out: -1.316 ± 0.062 χ^2/NDF : 1744.3/19

All: -1.369 ± 0.045 χ^2/NDF : 3434.2/38

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.121 $\pm$ 0.007 χ^2 /NDF: 4.1/1

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.100 $\pm$ 0.006 χ^2 /NDF: 21.1/1

Left: 0.110 $\pm$ 0.004 χ^2 /NDF: 30.7/3

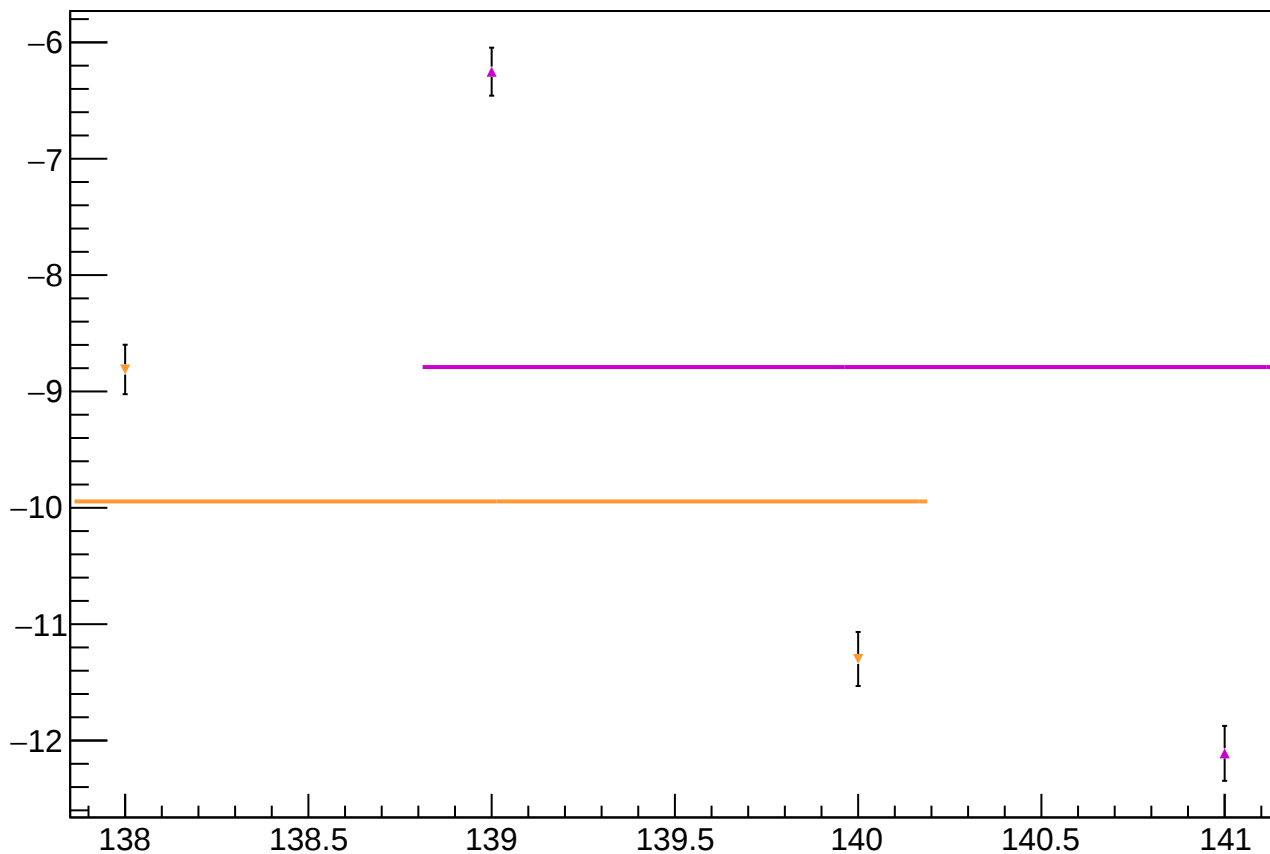
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.174 $\pm$ 0.003 χ^2 /NDF: 838.3/18

Out: 0.190 $\pm$ 0.003 χ^2 /NDF: 1242.6/19

All: 0.182 $\pm$ 0.002 χ^2 /NDF: 2092.2/38

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: -9.945+/-0.157 χ^2/NDF : 62.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Left: -9.362+/-0.110 χ^2/NDF : 439.4/3

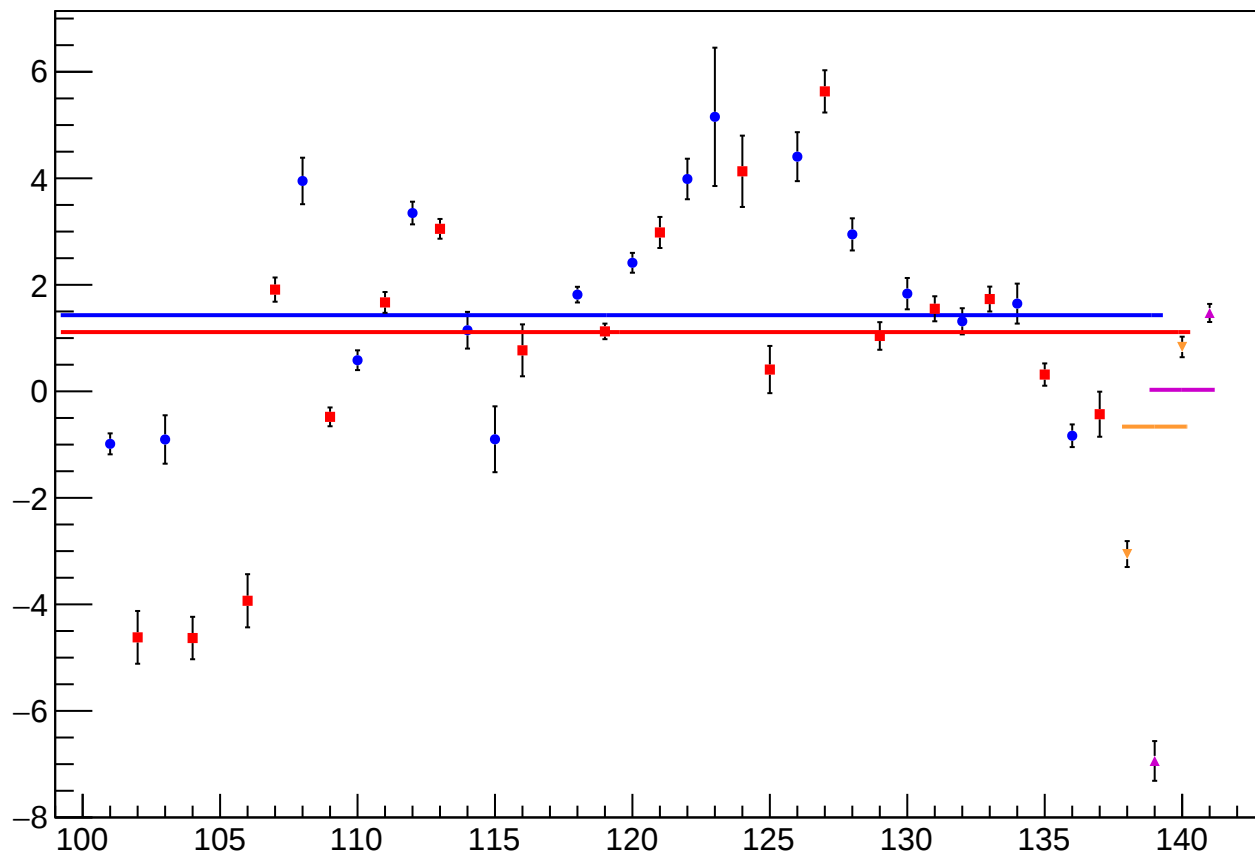
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Out: -9.945+/-0.157 χ^2/NDF : 62.4/1

All: -9.362+/-0.110 χ^2/NDF : 439.4/3

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: -0.662 ± 0.151 $\chi^2/\text{NDF}: 156.9/1$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 0.029 ± 0.154 $\chi^2/\text{NDF}: 421.4/1$

Left: -0.324 ± 0.108 $\chi^2/\text{NDF}: 588.6/3$

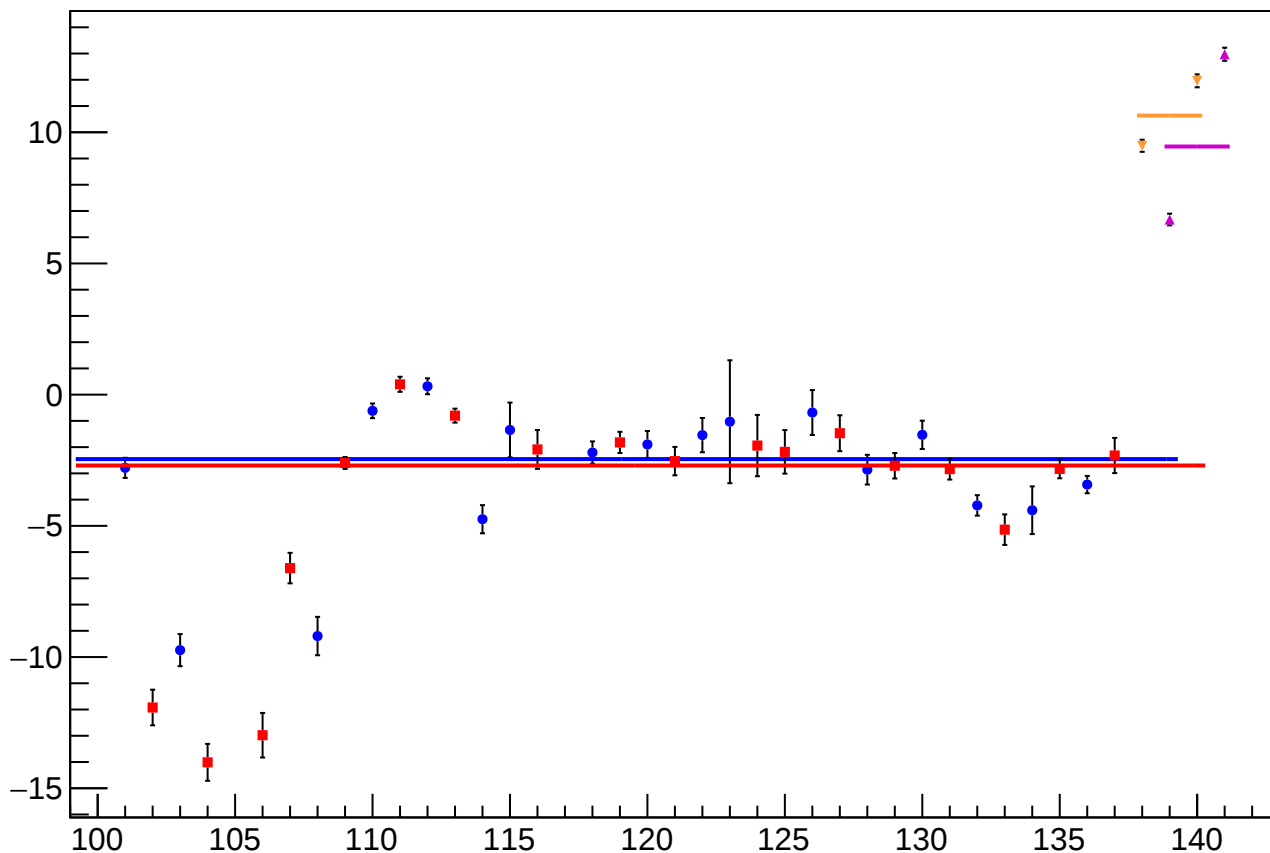
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.231 ± 0.058 $\chi^2/\text{NDF}: 1090.1/18$

Out: 0.870 ± 0.056 $\chi^2/\text{NDF}: 1163.8/19$

All: 1.043 ± 0.040 $\chi^2/\text{NDF}: 2273.9/38$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 10.636 ± 0.169 $\chi^2/\text{NDF}: 53.5/1$

Right Out: -2.700 ± 0.104 $\chi^2/\text{NDF}: 829.7/17$

Left In: 9.457 ± 0.167 $\chi^2/\text{NDF}: 352.0/1$

Left: 10.039 ± 0.119 $\chi^2/\text{NDF}: 430.2/3$

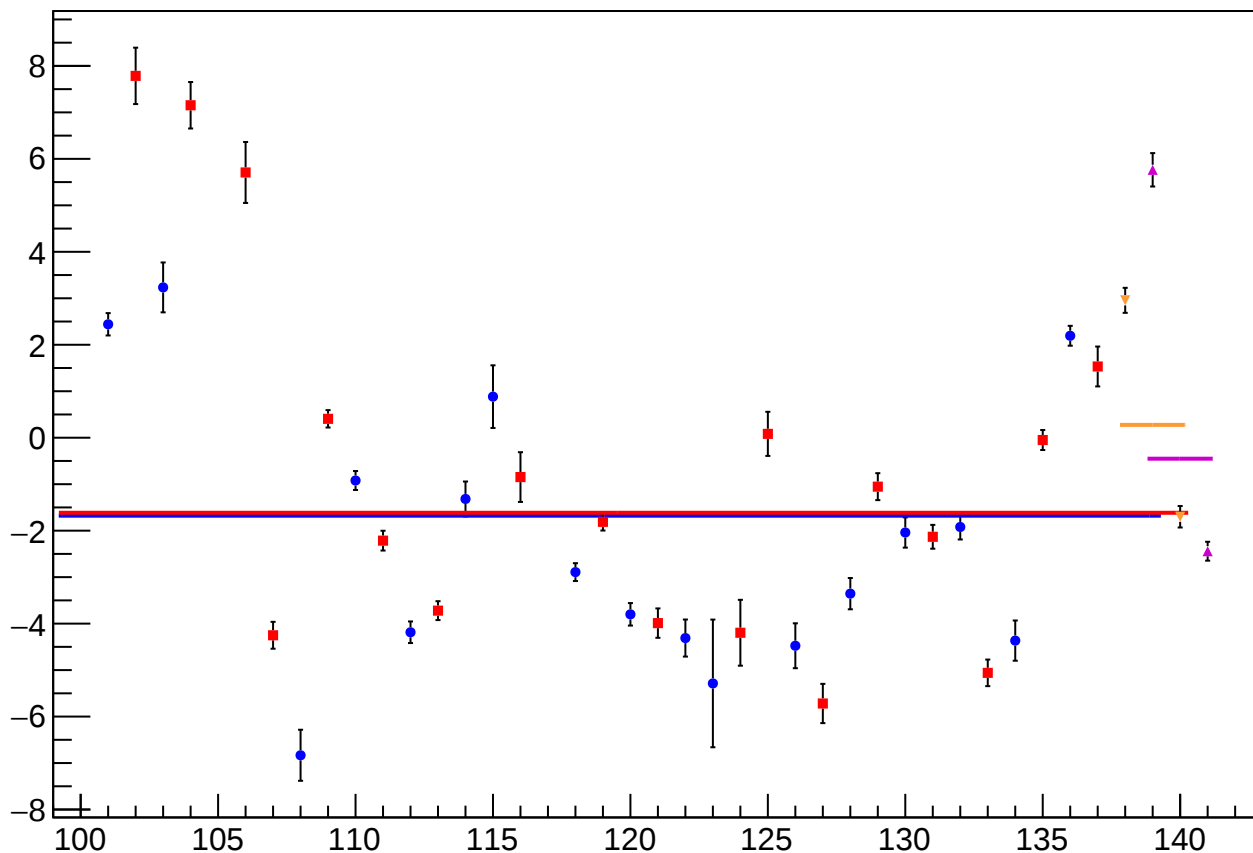
Right: -2.590 ± 0.077 $\chi^2/\text{NDF}: 1251.4/34$

In: 1.364 ± 0.094 $\chi^2/\text{NDF}: 4238.6/18$

Out: 0.947 ± 0.088 $\chi^2/\text{NDF}: 5417.3/19$

All: 1.141 ± 0.064 $\chi^2/\text{NDF}: 9666.4/38$

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: 0.276 ± 0.175 χ^2/NDF : 172.5/1

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -0.452 ± 0.177 χ^2/NDF : 395.1/1

Left: -0.084 ± 0.125 χ^2/NDF : 576.2/3

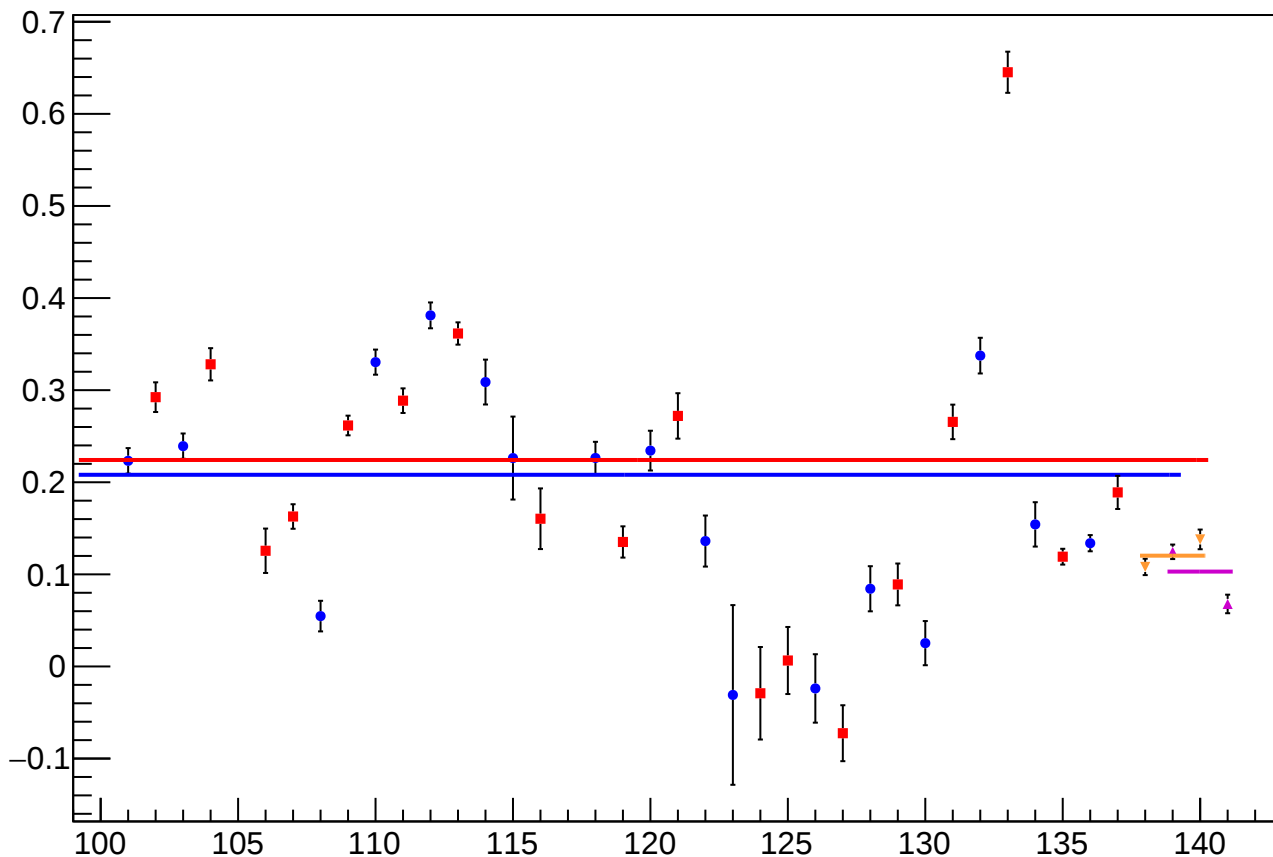
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.501 ± 0.067 χ^2/NDF : 1640.9/18

Out: -1.367 ± 0.063 χ^2/NDF : 1701.1/19

All: -1.430 ± 0.046 χ^2/NDF : 3344.1/38

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.120 $\pm$ 0.007 χ^2 /NDF: 4.6/1

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.103 $\pm$ 0.006 χ^2 /NDF: 19.6/1

Left: 0.111 $\pm$ 0.005 χ^2 /NDF: 27.7/3

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.174 $\pm$ 0.004 χ^2 /NDF: 814.7/18

Out: 0.199 $\pm$ 0.003 χ^2 /NDF: 1176.0/19

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 2016.6/38