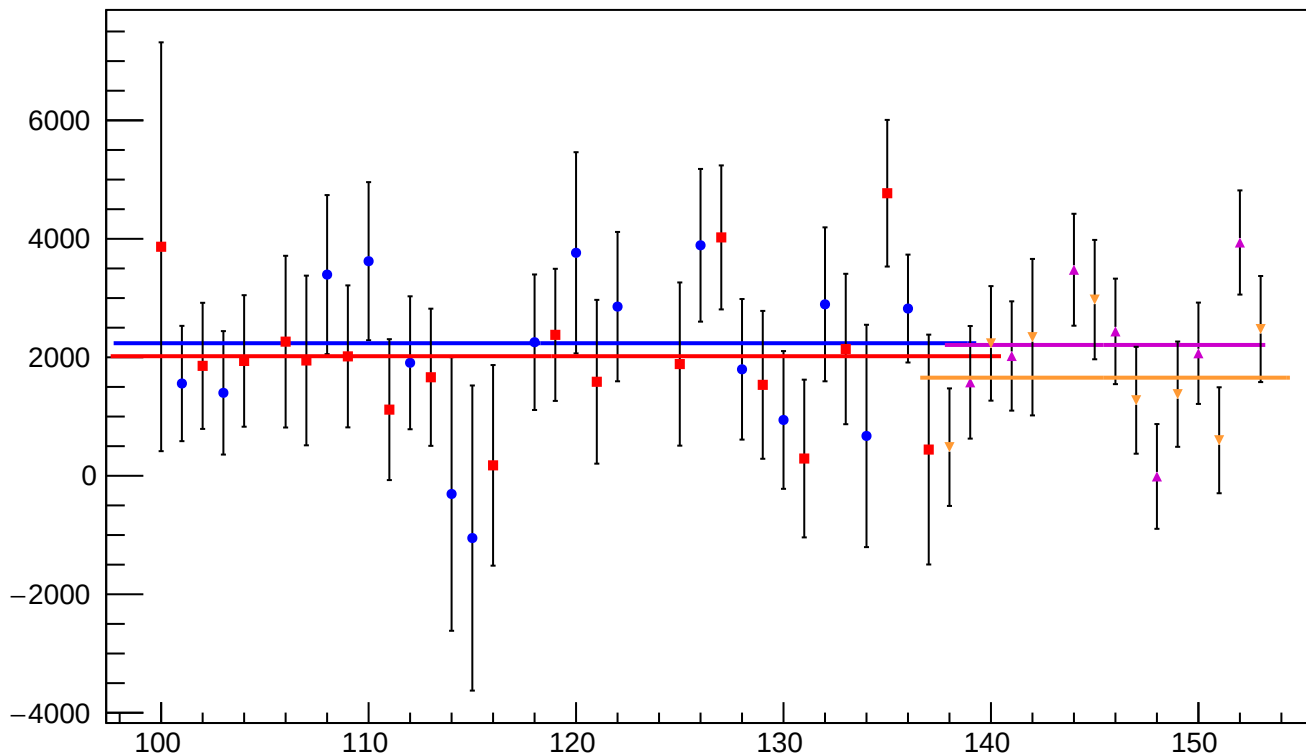


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929 $\pm$ 314.642

Left Out: 1656.207 $\pm$ 340.241

Right Out: 2018.625 $\pm$ 308.362

Left In: 2208.633 $\pm$ 340.935

χ^2/NDF : 11.3/15

χ^2/NDF : 6.2/7

χ^2/NDF : 12.6/17

χ^2/NDF : 12.5/6

Left: 1931.857 $\pm$ 240.832

Right: 2126.067 $\pm$ 220.232

In: 2224.454 $\pm$ 231.223

Out: 1855.186 $\pm$ 228.486

All: 2037.622 $\pm$ 162.523

χ^2/NDF : 20.1/14

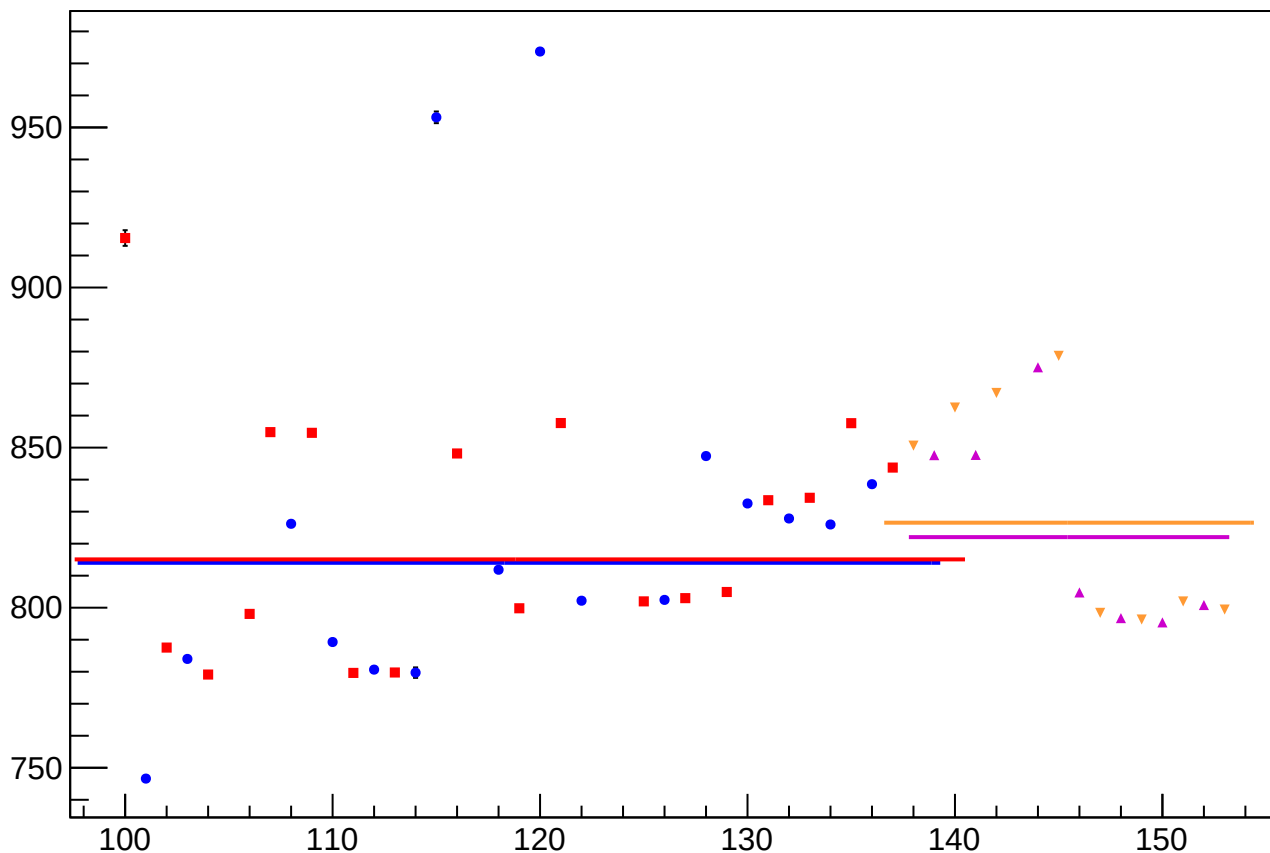
χ^2/NDF : 24.1/33

χ^2/NDF : 23.9/22

χ^2/NDF : 19.4/25

χ^2/NDF : 44.6/48

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 814.021+/-0.222 χ^2/NDF : 42041.6/15

Left Out: 826.551+/-0.241 χ^2/NDF :18798.1/7

Right Out: 815.084+/-0.218 χ^2/NDF : 19959.3/17

Left In: 822.042+/-0.241 χ^2/NDF :14800.9/6

Left: 824.301+/-0.170 χ^2/NDF : 33774.3/14

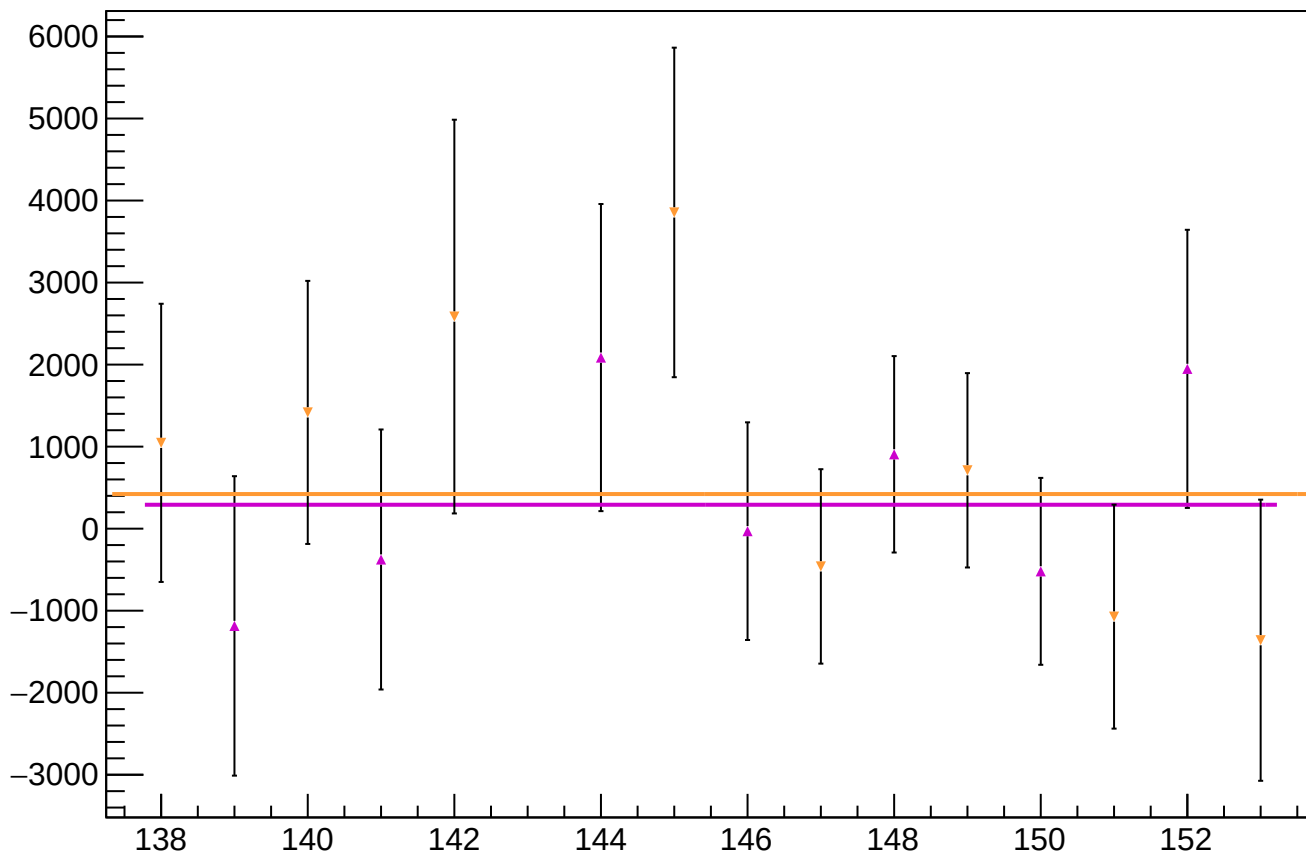
Right: 814.563+/-0.156 χ^2/NDF : 62012.6/33

In: 817.710+/-0.163 χ^2/NDF :57440.3/22

Out: 820.255+/-0.162 χ^2/NDF :40004.5/25

All: 818.998+/-0.115 χ^2/NDF : 97567.4/48

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 421.970+/-537.630 χ^2/NDF : 7.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 291.477+/-544.922 χ^2/NDF : 3.5/6

Left: 357.602+/-382.714 χ^2/NDF : 10.7/14

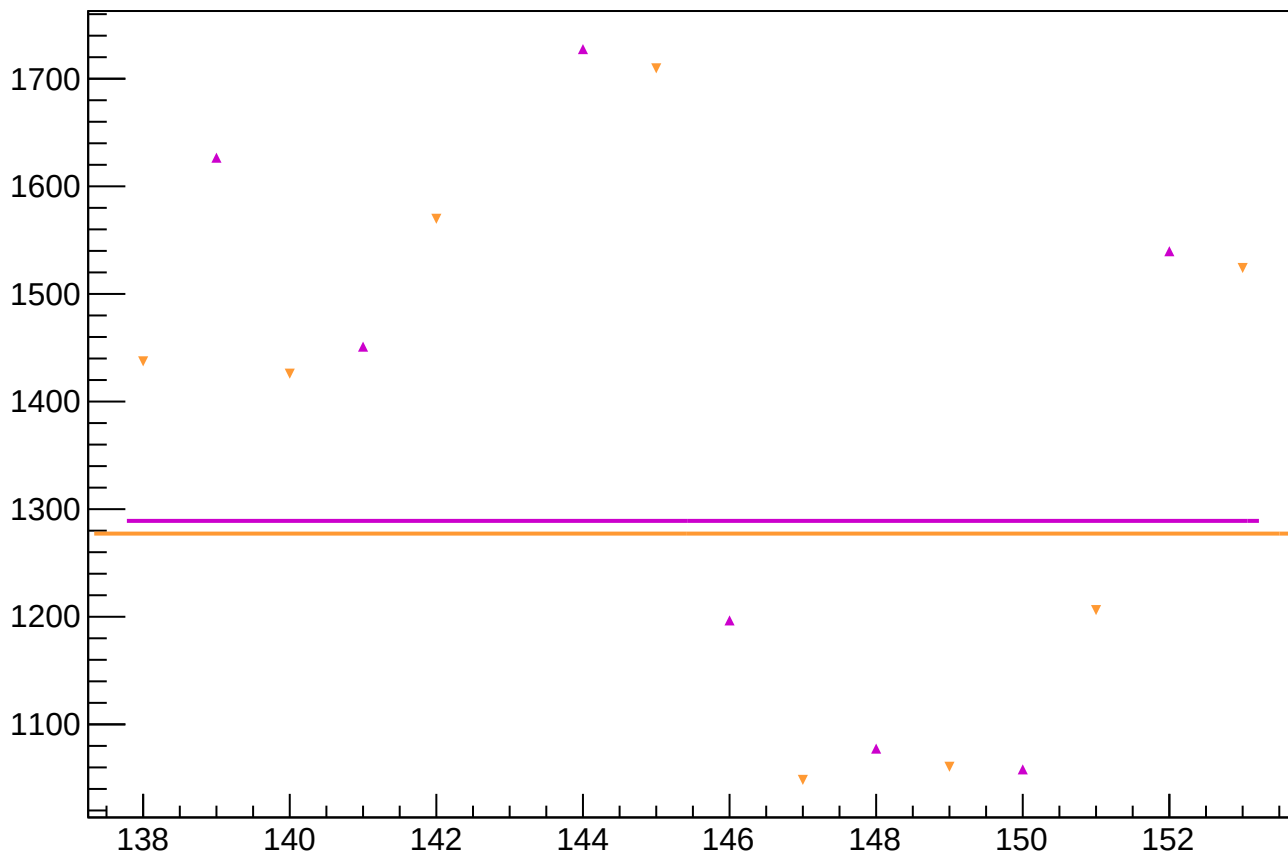
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 291.477+/-544.922 χ^2/NDF : 3.5/6

Out: 421.970+/-537.630 χ^2/NDF : 7.1/7

All: 357.602+/-382.714 χ^2/NDF : 10.7/14

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1277.285+/-0.380 χ^2/NDF :345785.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1289.105+/-0.385 χ^2/NDF :397015.0/6

Left: 1283.115+/-0.271 χ^2/NDF : 743277.0/14

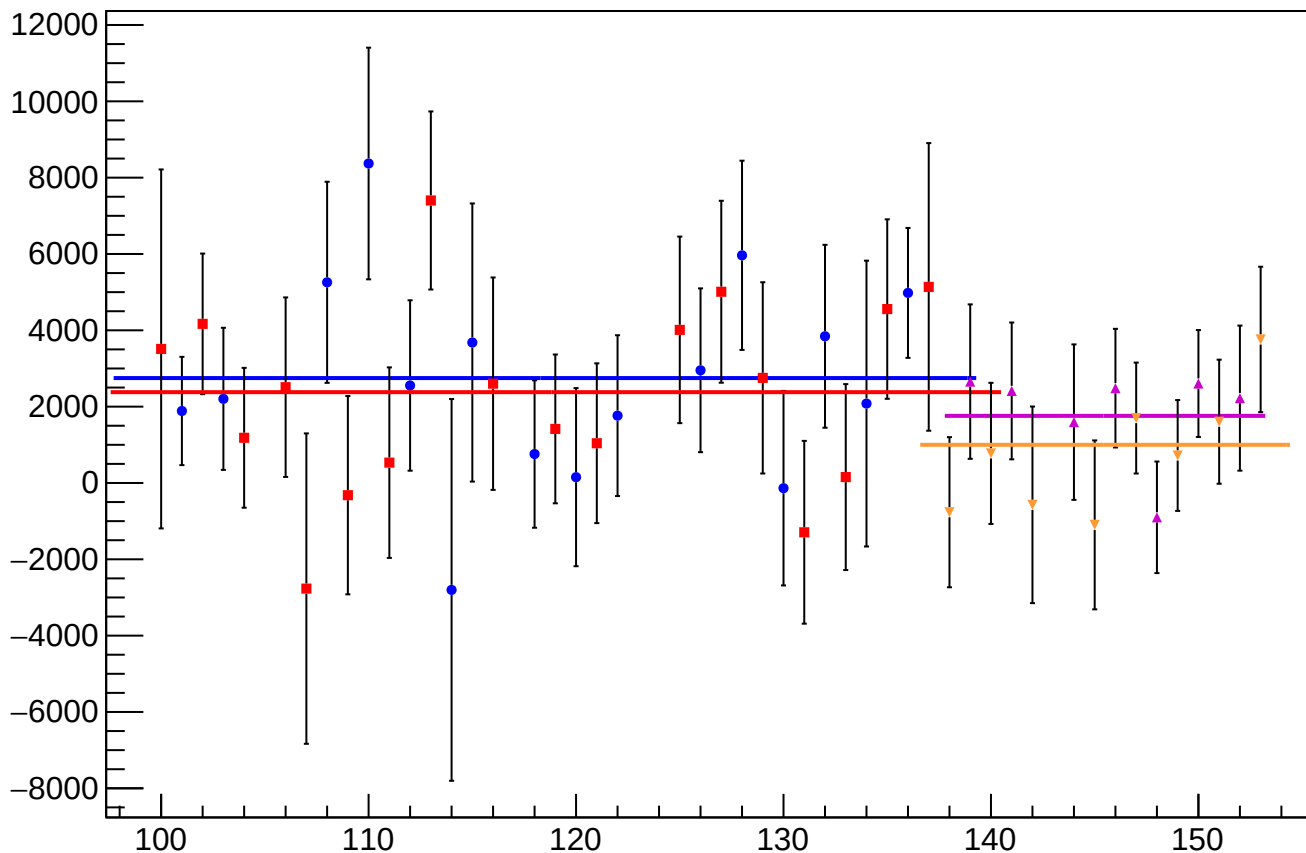
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1289.105+/-0.385 χ^2/NDF :397015.0/6

Out: 1277.285+/-0.380 χ^2/NDF :345785.1/7

All: 1283.115+/-0.271 χ^2/NDF : 743277.0/14

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777+/-562.943 χ^2/NDF : 13.5/15

Left Out: 1000.390+/-631.455 χ^2/NDF : 4.6/7

Right Out: 2379.450+/-568.967 χ^2/NDF : 16.2/17

Left In: 1758.458+/-636.912 χ^2/NDF : 4.3/6

Left: 1376.162+/-448.423 χ^2/NDF : 9.6/14

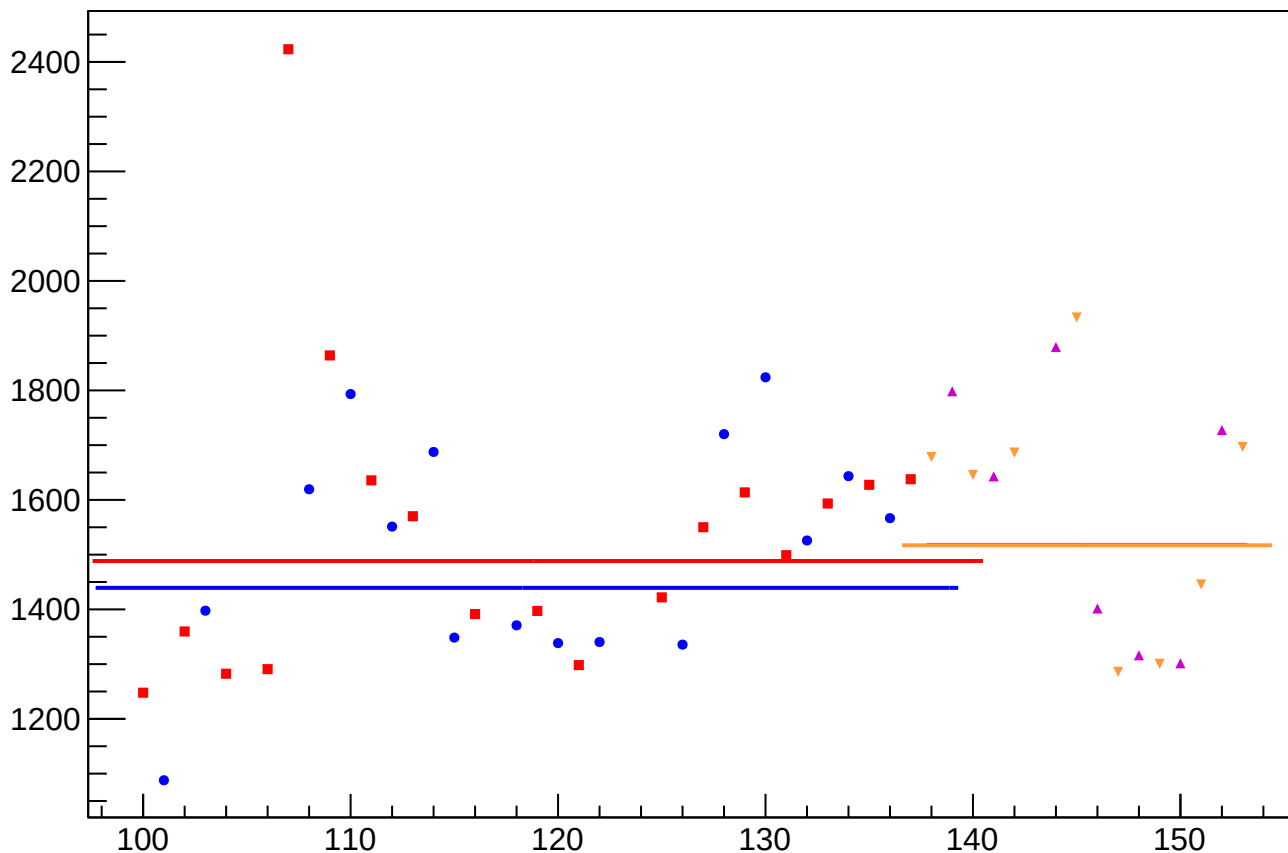
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

In: 2314.438+/-421.800 χ^2/NDF : 19.2/22

Out: 1761.513+/-422.691 χ^2/NDF : 23.4/25

All: 2038.559+/-298.572 χ^2/NDF : 43.5/48

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332+/-0.398 χ^2/NDF : 277860.8/15

Left Out: 1517.049+/-0.447 χ^2/NDF : 219207.7/7

Right Out: 1488.384+/-0.402 χ^2/NDF : 256324.7/17

Left In: 1517.803+/-0.450 χ^2/NDF : 232455.2/6

Left: 1517.423+/-0.317 χ^2/NDF : 451664.4/14

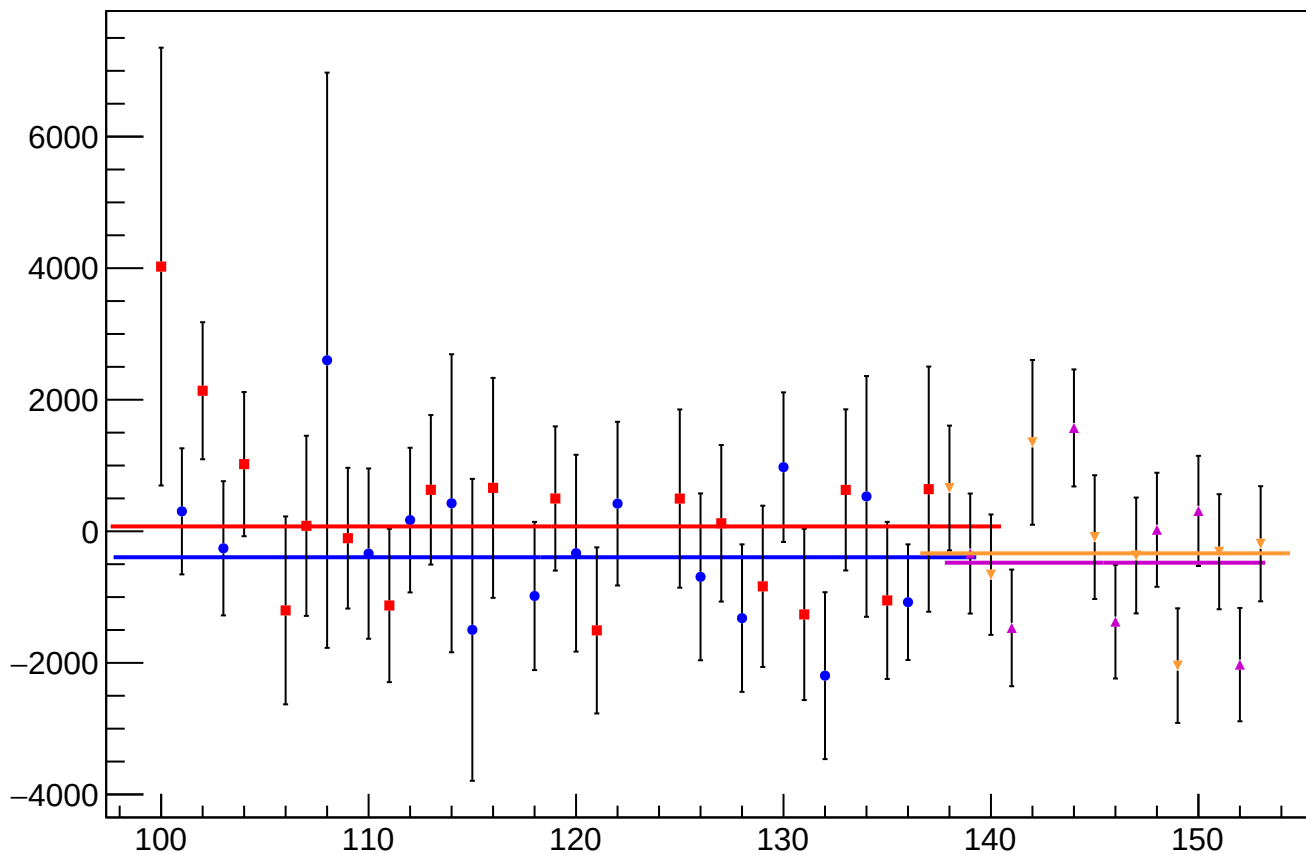
Right: 1463.597+/-0.283 χ^2/NDF : 541697.1/33

In: 1473.748+/-0.298 χ^2/NDF : 527360.2/22

Out: 1501.228+/-0.299 χ^2/NDF : 477807.1/25

All: 1487.459+/-0.211 χ^2/NDF : 1009402.7/48

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 ± 313.174 $\chi^2/\text{NDF}: 7.4/15$

Left Out: -334.884 ± 328.015 $\chi^2/\text{NDF}: 7.0/7$

Right Out: 74.289 ± 298.398 $\chi^2/\text{NDF}: 12.9/17$

Left In: -477.317 ± 330.067 $\chi^2/\text{NDF}: 12.1/6$

Left: -405.656 ± 232.664 $\chi^2/\text{NDF}: 19.2/14$

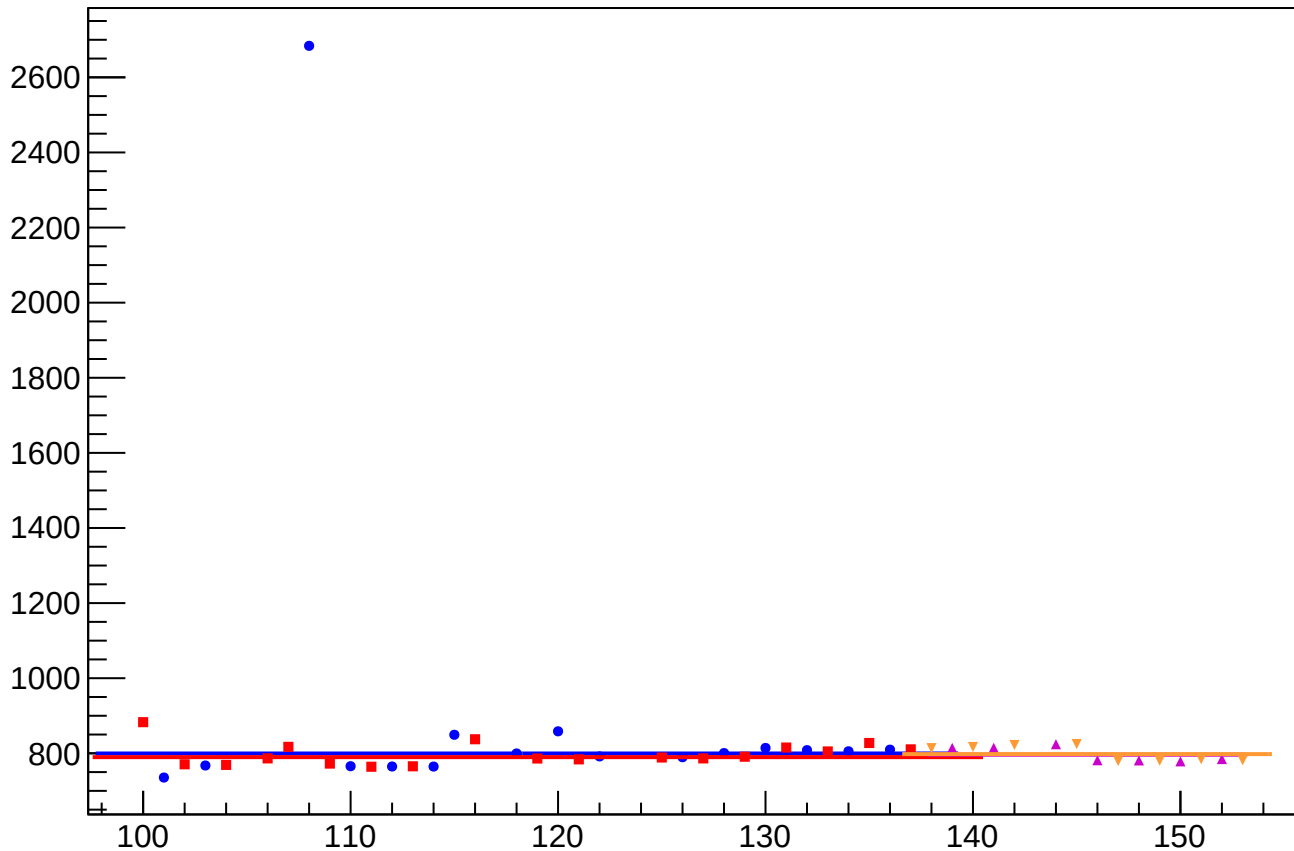
Right: -148.721 ± 216.034 $\chi^2/\text{NDF}: 21.5/33$

In: -433.664 ± 227.185 $\chi^2/\text{NDF}: 19.5/22$

Out: -110.995 ± 220.729 $\chi^2/\text{NDF}: 20.8/25$

All: -267.679 ± 158.312 $\chi^2/\text{NDF}: 41.3/48$

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537+/-0.221 χ^2/NDF : 391185.9/15

Left Out: 797.877+/-0.232 χ^2/NDF : 6677.5/7

Right Out: 789.794+/-0.211 χ^2/NDF : 11174.9/17

Left In: 796.277+/-0.233 χ^2/NDF : 6067.2/6

Left: 797.082+/-0.165 χ^2/NDF : 12768.4/14

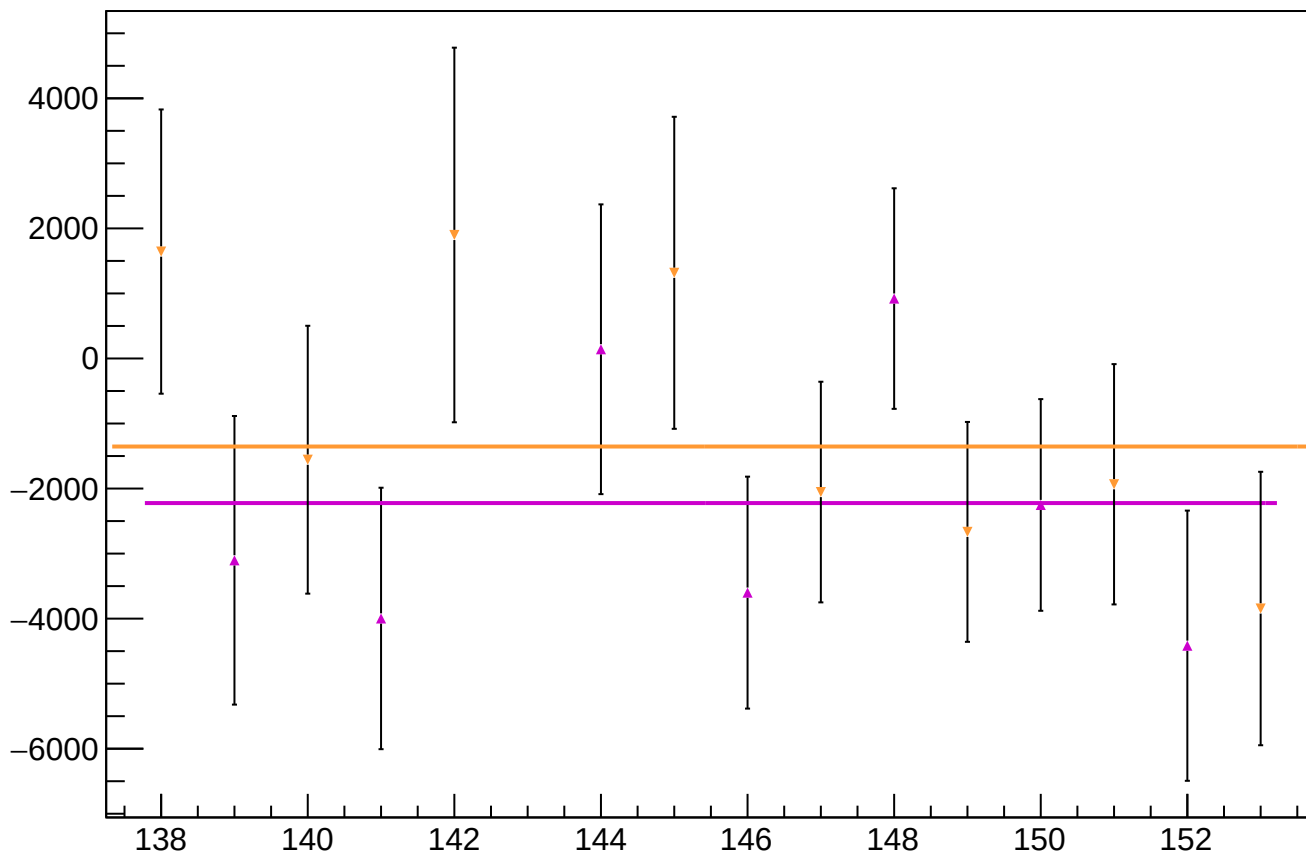
Right: 794.430+/-0.153 χ^2/NDF : 403375.5/33

In: 797.993+/-0.161 χ^2/NDF : 397355.8/22

Out: 793.454+/-0.156 χ^2/NDF : 18517.0/25

All: 795.658+/-0.112 χ^2/NDF : 416283.4/48

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1353.799+/-714.976 χ^2/NDF : 6.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2223.182+/-720.989 χ^2/NDF : 7.2/6

Left: -1784.851+/-507.677 χ^2/NDF : 14.6/14

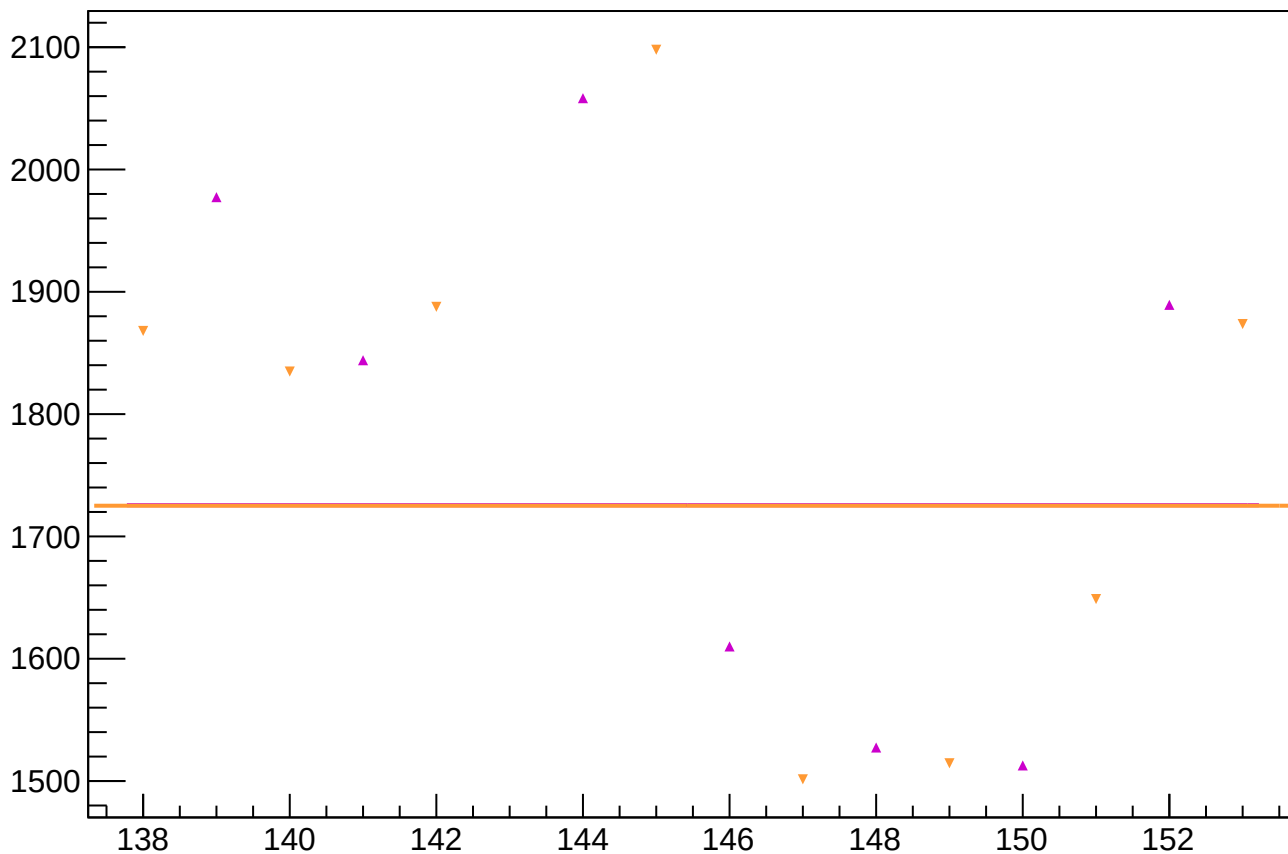
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2223.182+/-720.989 χ^2/NDF : 7.2/6

Out: -1353.799+/-714.976 χ^2/NDF : 6.7/7

All: -1784.851+/-507.677 χ^2/NDF : 14.6/14

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1725.108+/-0.506 χ^2/NDF :148120.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1725.520+/-0.510 χ^2/NDF :159671.3/6

Left: 1725.313+/-0.359 χ^2/NDF : 307791.8/14

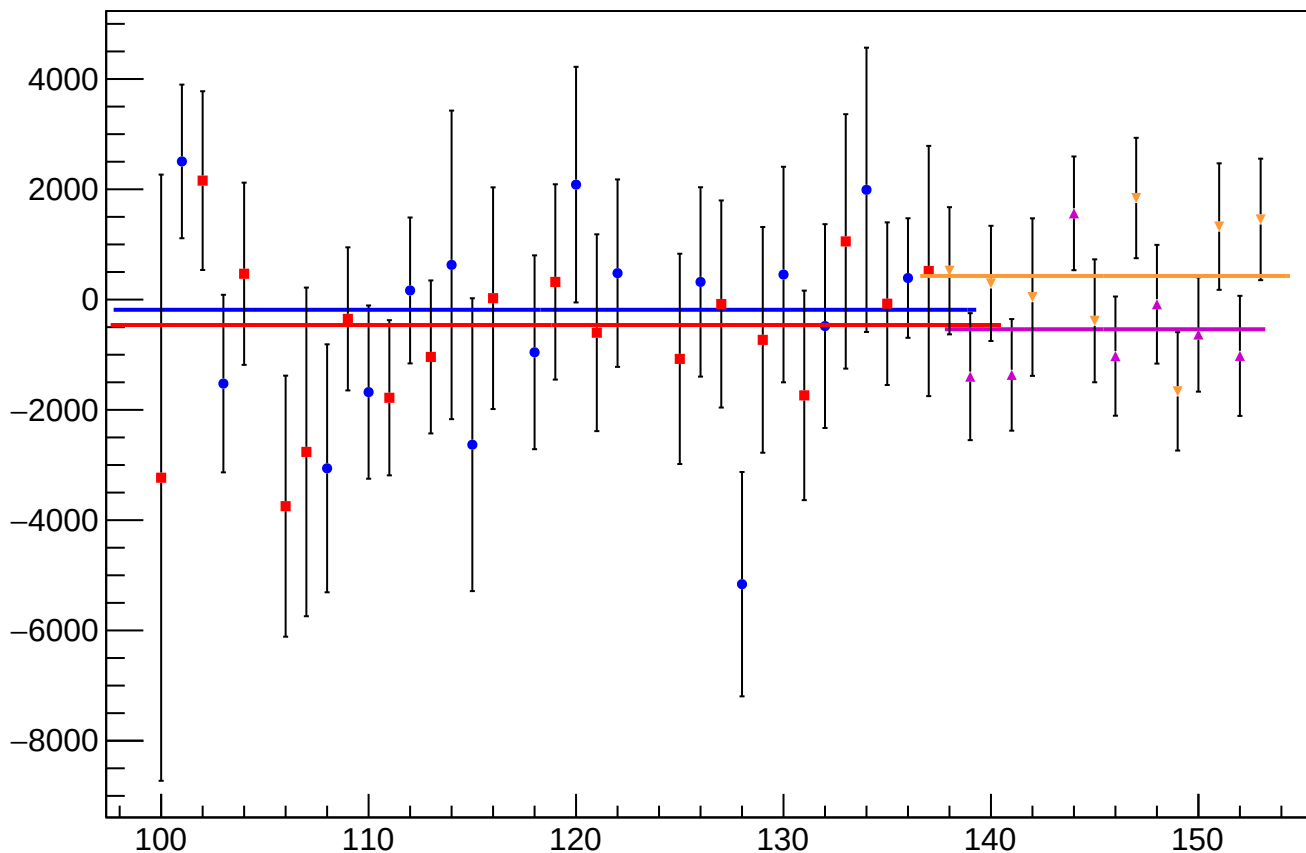
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1725.520+/-0.510 χ^2/NDF :159671.3/6

Out: 1725.108+/-0.506 χ^2/NDF :148120.2/7

All: 1725.313+/-0.359 χ^2/NDF : 307791.8/14

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054 ± 431.495 $\chi^2/\text{NDF}: 16.6/15$

Left Out: 428.410 ± 399.855 $\chi^2/\text{NDF}: 7.6/7$

Right Out: -461.253 ± 426.921 $\chi^2/\text{NDF}: 8.3/17$

Left In: -537.888 ± 402.799 $\chi^2/\text{NDF}: 6.0/6$

Left: -51.195 ± 283.775 $\chi^2/\text{NDF}: 16.4/14$

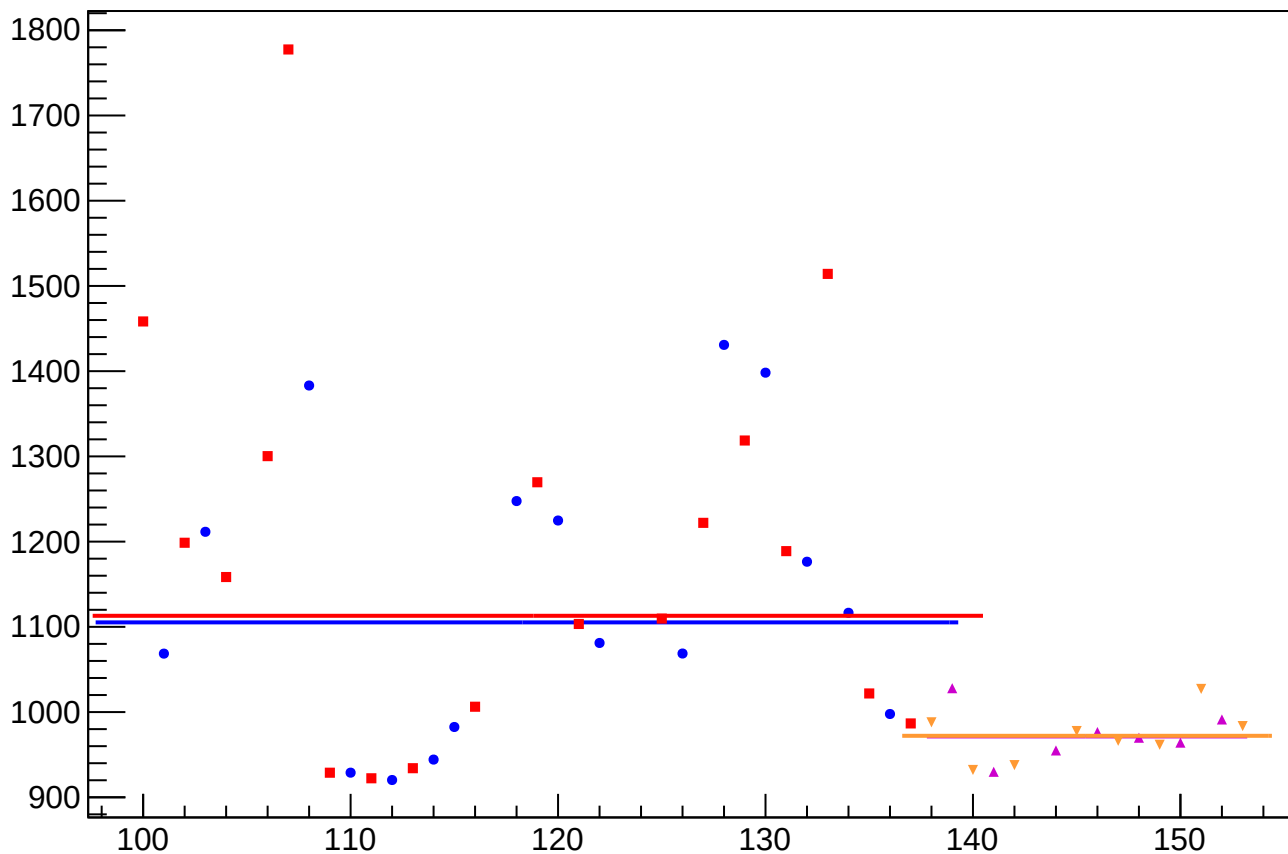
Right: -324.625 ± 303.483 $\chi^2/\text{NDF}: 25.2/33$

In: -373.593 ± 294.444 $\chi^2/\text{NDF}: 23.0/22$

Out: 12.672 ± 291.840 $\chi^2/\text{NDF}: 18.2/25$

All: -178.744 ± 207.277 $\chi^2/\text{NDF}: 42.0/48$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236 $\pm$ 0.305 χ^2/NDF : 255366.2/15

Left Out: 972.158 $\pm$ 0.283 χ^2/NDF : 9593.3/7

Right Out: 1112.974 $\pm$ 0.302 χ^2/NDF : 362995.4/17

Left In: 971.404 $\pm$ 0.285 χ^2/NDF : 9514.5/6

Left: 971.784 $\pm$ 0.201 χ^2/NDF : 19111.4/14

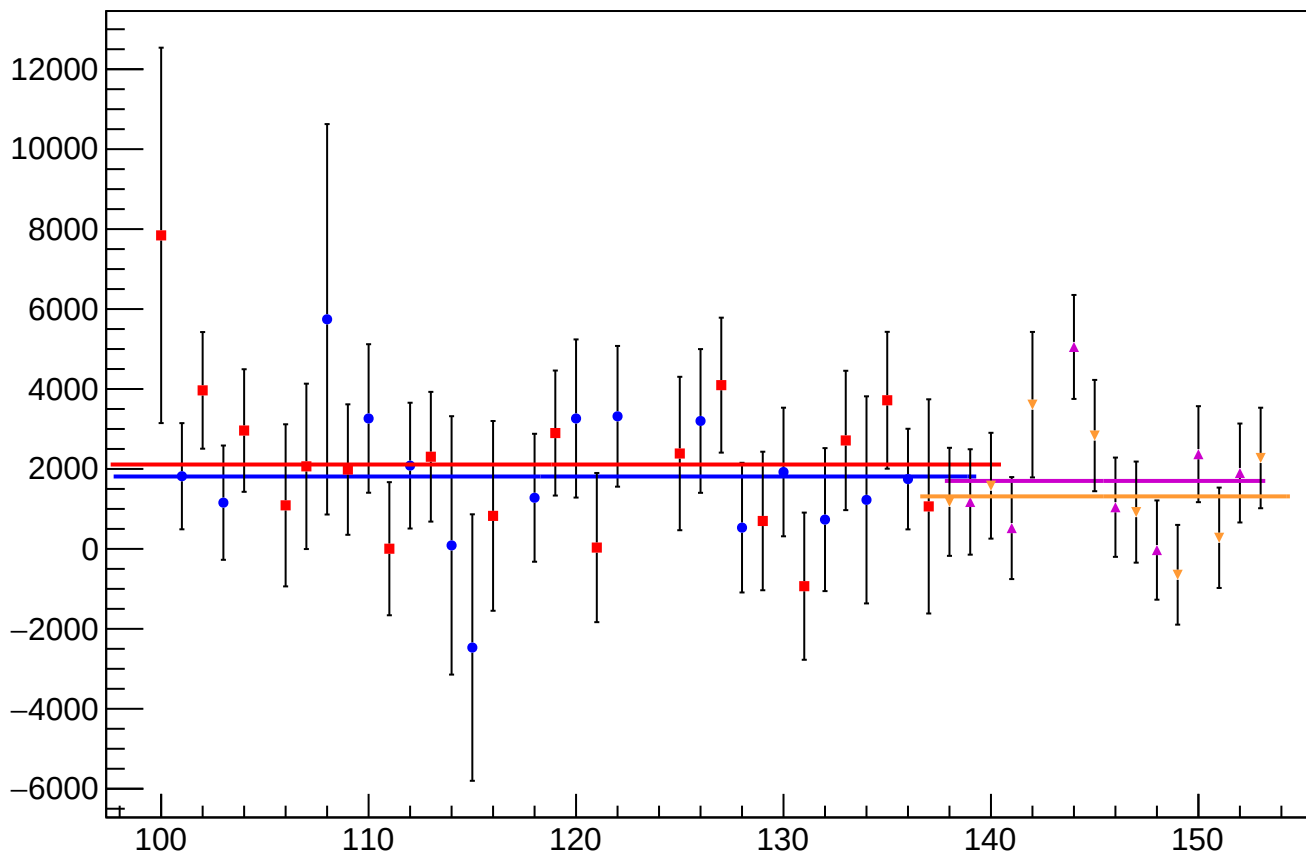
Right: 1109.146 $\pm$ 0.215 χ^2/NDF : 618686.6/33

In: 1033.722 $\pm$ 0.208 χ^2/NDF : 367688.2/22

Out: 1037.961 $\pm$ 0.206 χ^2/NDF : 488498.6/25

All: 1035.861 $\pm$ 0.147 χ^2/NDF : 856395.9/48

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054 $\pm$ 442.142 χ^2 /NDF: 6.5/15

Left Out: 1313.662 $\pm$ 472.951 χ^2 /NDF:6.7/7

Right Out: 2111.004 $\pm$ 427.676 χ^2 /NDF: 13.0/17

Left In: 1700.349 $\pm$ 475.403 χ^2 /NDF:10.2/6

Left: 1506.006 $\pm$ 335.290 χ^2 /NDF: 17.2/14

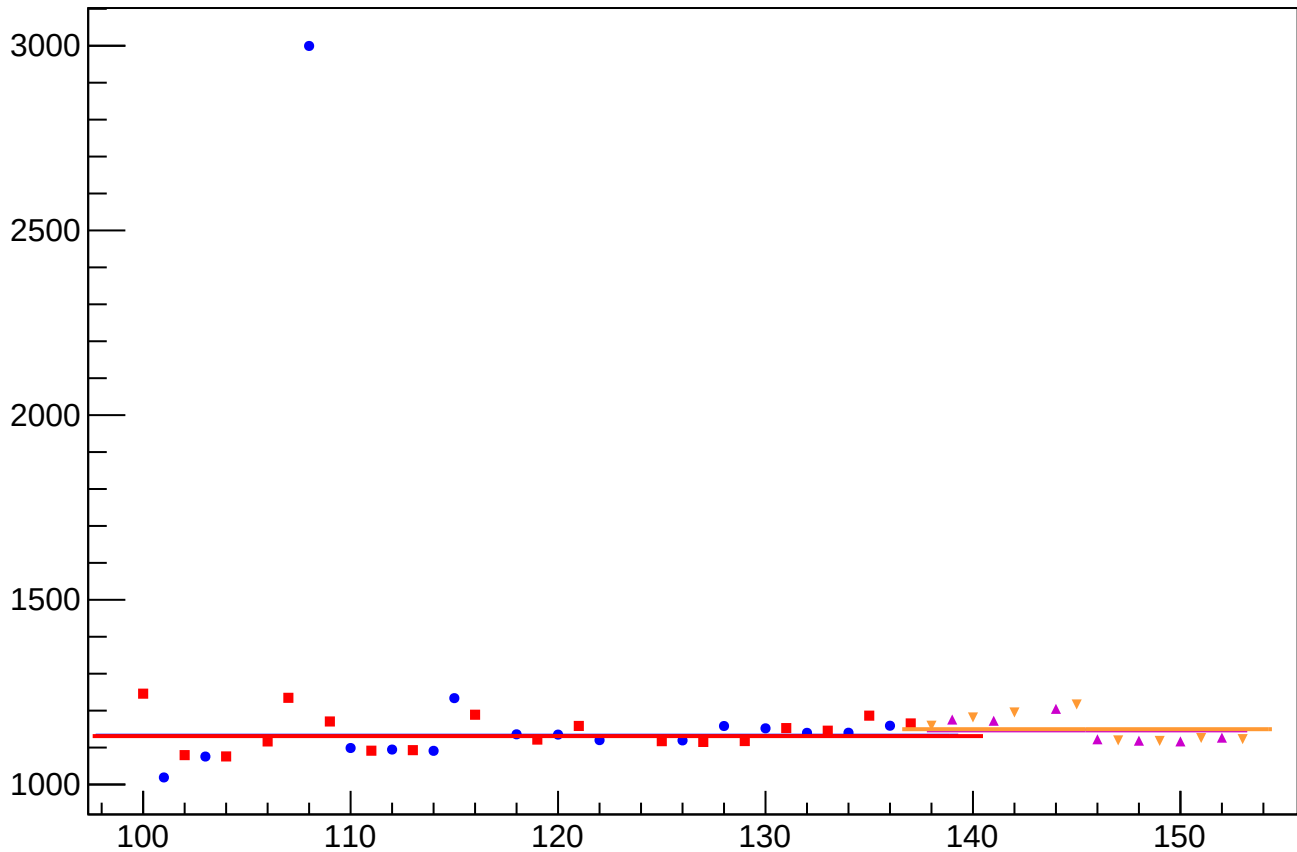
Right: 1966.016 $\pm$ 307.400 χ^2 /NDF: 19.7/33

In: 1759.709 $\pm$ 323.762 χ^2 /NDF:16.7/22

Out: 1752.314 $\pm$ 317.215 χ^2 /NDF:21.3/25

All: 1755.936 $\pm$ 226.584 χ^2 /NDF: 38.0/48

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074 $\pm$ 0.313 χ^2 /NDF: 316026.3/15

Left Out: 1149.719 $\pm$ 0.334 χ^2 /NDF:11198.8/7

Right Out: 1131.016 $\pm$ 0.302 χ^2 /NDF: 19719.1/17

Left In: 1146.568 $\pm$ 0.336 χ^2 /NDF:9351.4/6

Left: 1148.151 $\pm$ 0.237 χ^2 /NDF: 20594.3/14

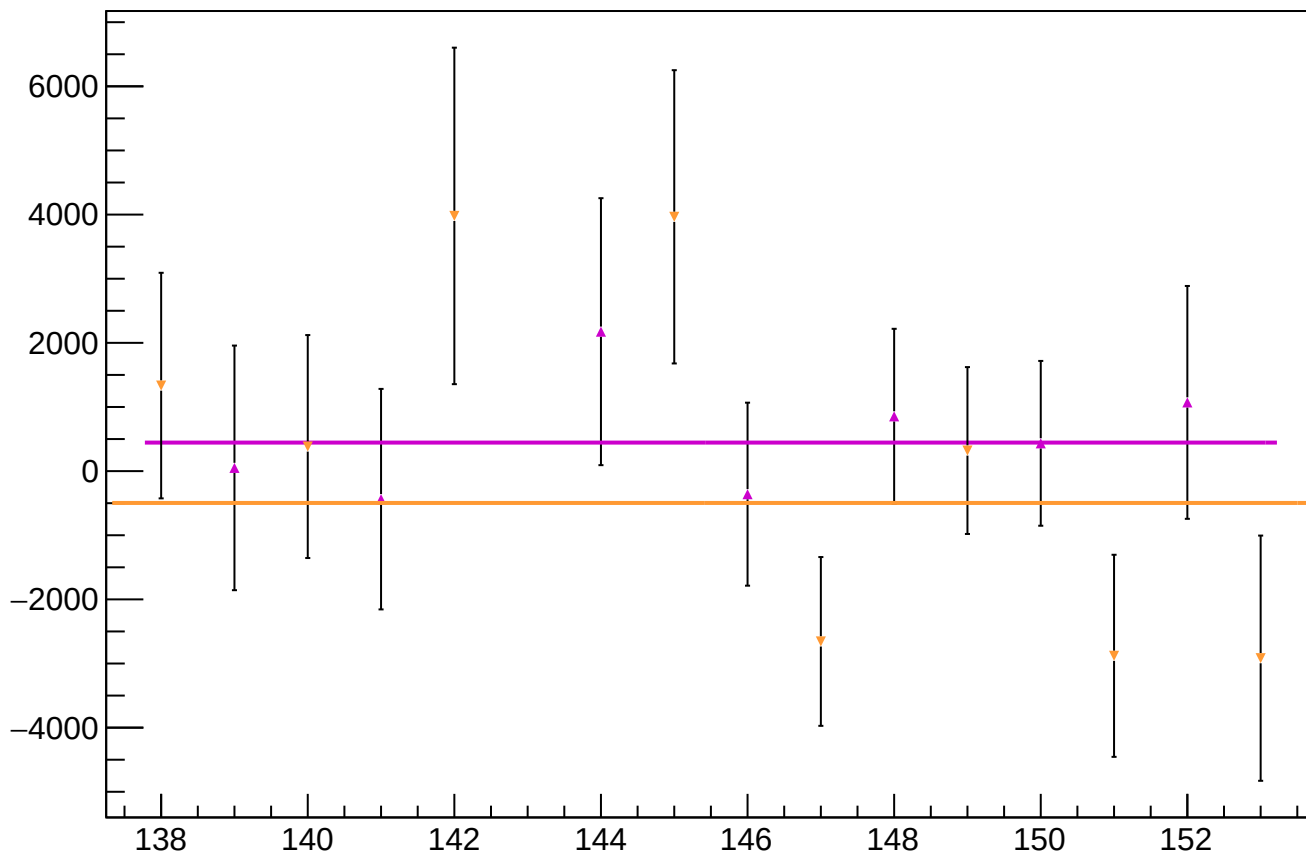
Right: 1131.528 $\pm$ 0.217 χ^2 /NDF: 335751.3/33

In: 1138.796 $\pm$ 0.229 χ^2 /NDF:326374.3/22

Out: 1139.430 $\pm$ 0.224 χ^2 /NDF:32638.4/25

All: 1139.119 $\pm$ 0.160 χ^2 /NDF: 359016.7/48

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -496.323+/-593.853 χ^2/NDF :15.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 444.878+/-599.607 χ^2/NDF :1.5/6

Left: -30.260+/-421.937 χ^2/NDF : 17.8/14

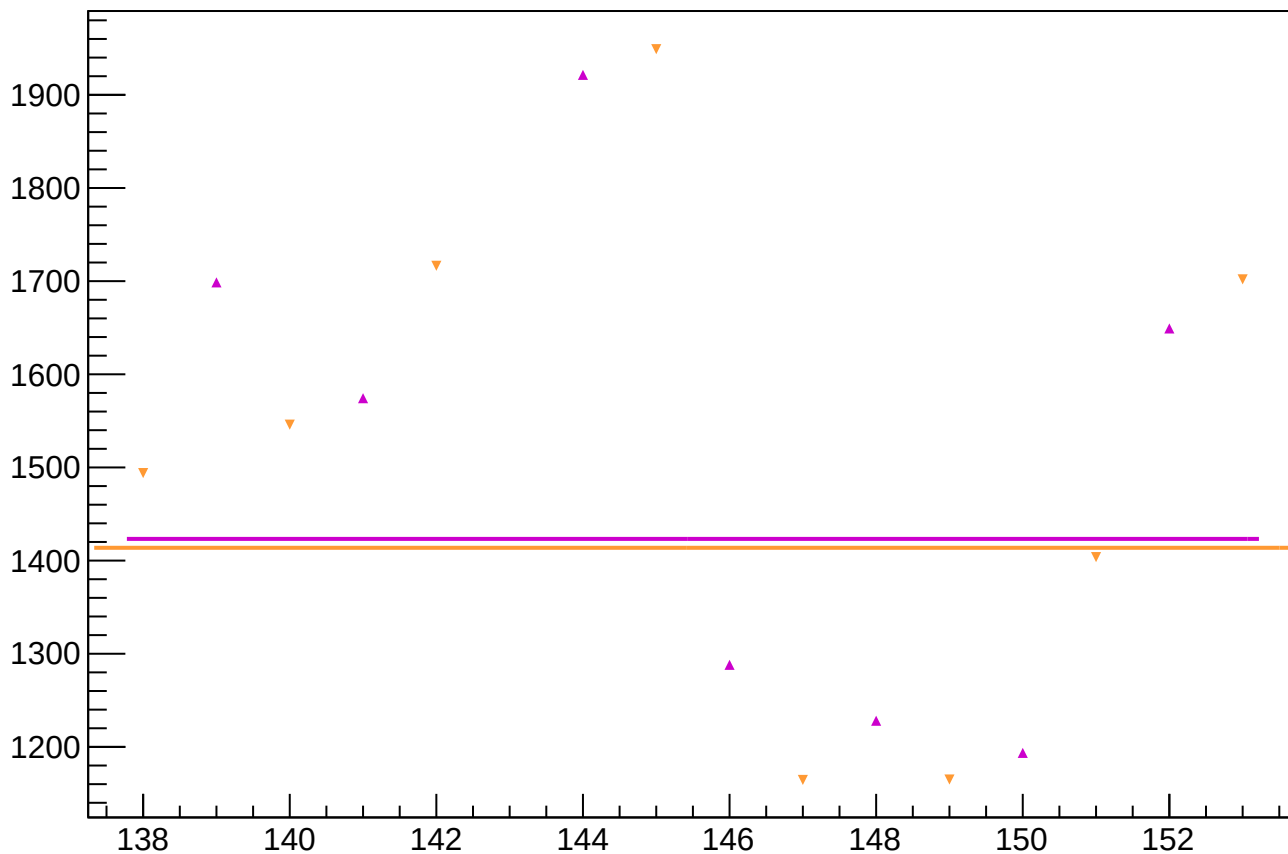
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 444.878+/-599.607 χ^2/NDF :1.5/6

Out: -496.323+/-593.853 χ^2/NDF :15.0/7

All: -30.260+/-421.937 χ^2/NDF : 17.8/14

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1413.751+/-0.420 χ^2/NDF :342352.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1423.299+/-0.424 χ^2/NDF :325487.3/6

Left: 1418.479+/-0.298 χ^2/NDF : 668096.1/14

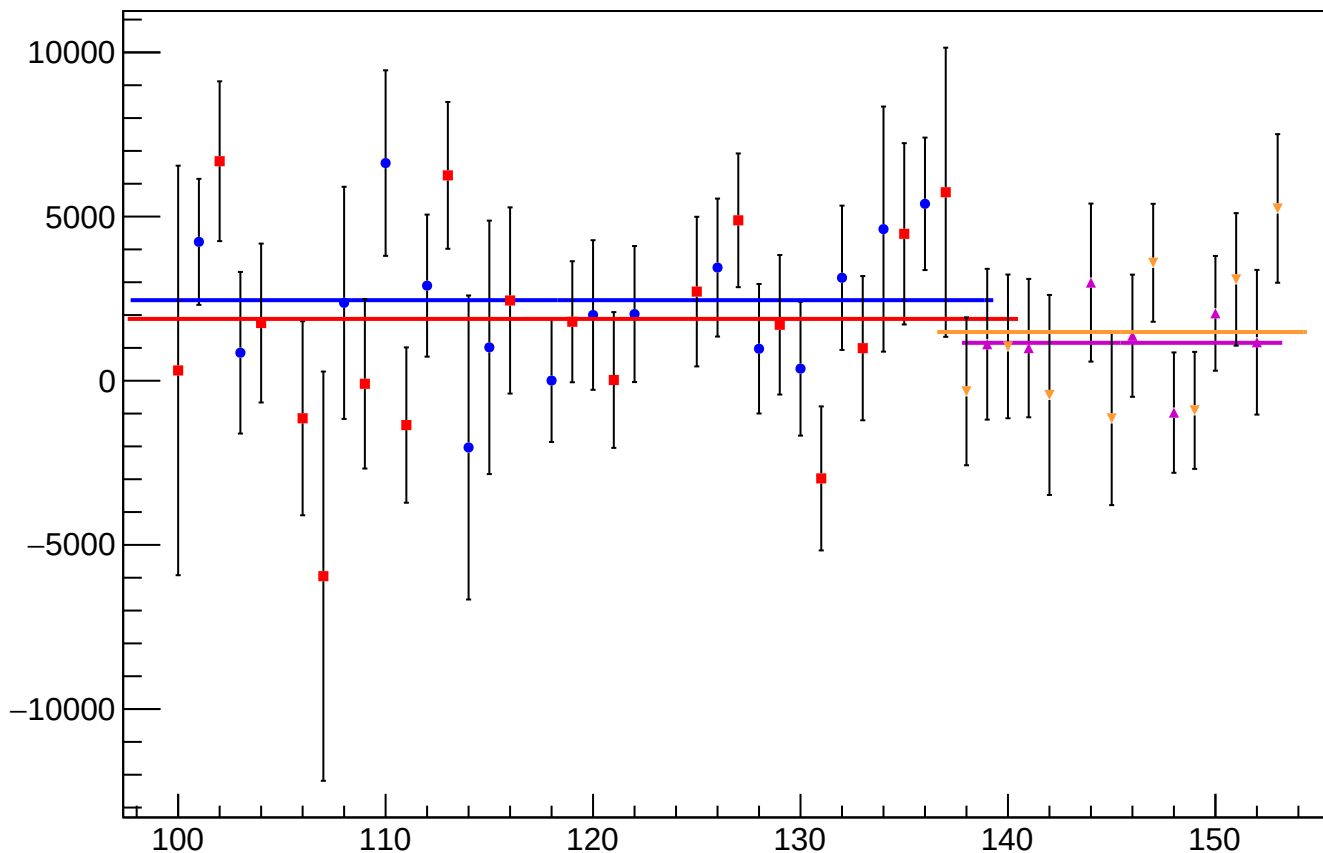
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1423.299+/-0.424 χ^2/NDF :325487.3/6

Out: 1413.751+/-0.420 χ^2/NDF :342352.7/7

All: 1418.479+/-0.298 χ^2/NDF : 668096.1/14

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670+/-584.307 χ^2/NDF : 10.8/15

Left Out: 1483.502+/-761.951 χ^2/NDF : 8.6/7

Right Out: 1882.755+/-583.188 χ^2/NDF : 22.8/17

Left In: 1154.799+/-765.293 χ^2/NDF : 2.2/6

Left: 1319.870+/-539.958 χ^2/NDF : 10.9/14

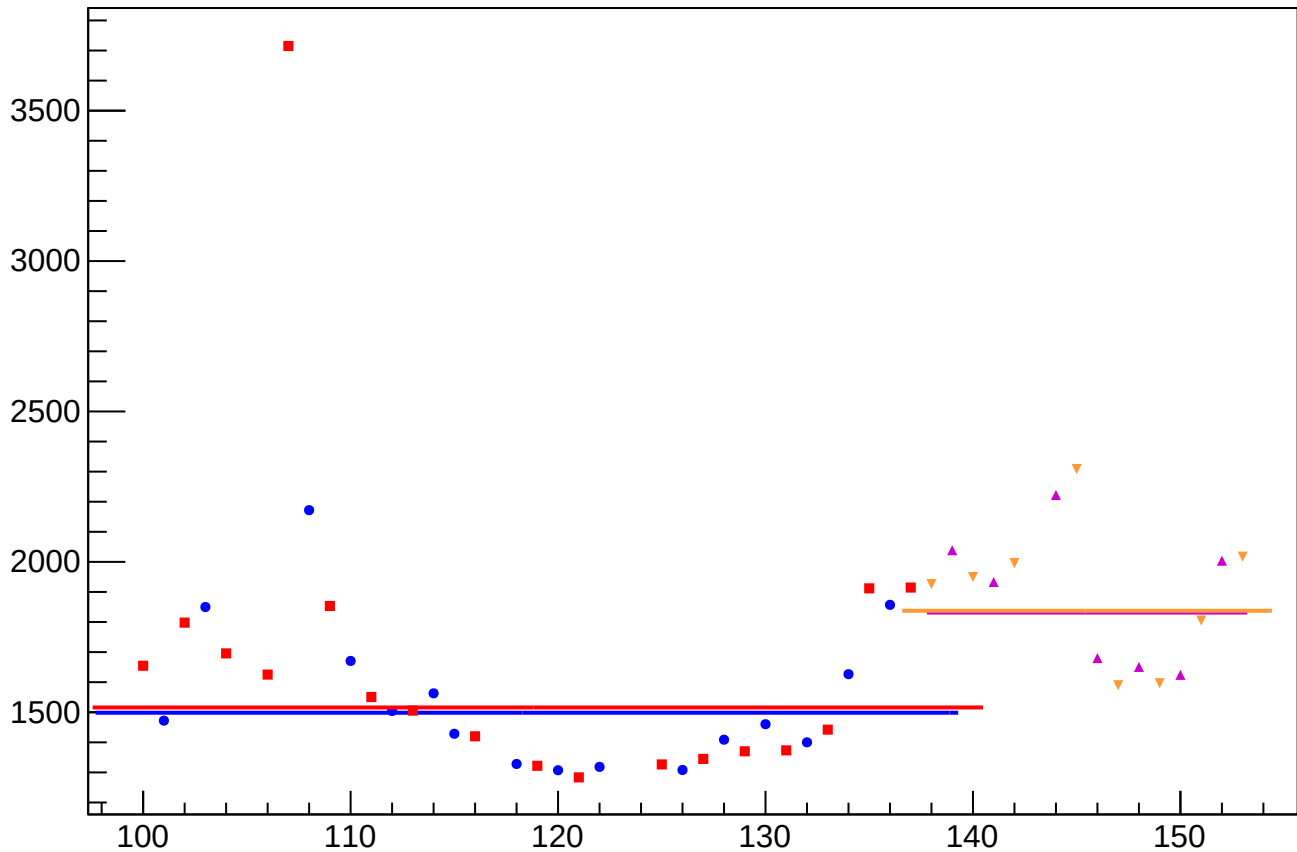
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

In: 1975.341+/-464.417 χ^2/NDF : 14.8/22

Out: 1735.266+/-463.107 χ^2/NDF : 31.6/25

All: 1854.965+/-327.928 χ^2/NDF : 46.5/48

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485+/-0.413 χ^2/NDF : 258807.5/15

Left Out: 1837.477+/-0.539 χ^2/NDF : 165045.3/7

Right Out: 1515.949+/-0.412 χ^2/NDF : 480541.4/17

Left In: 1831.428+/-0.541 χ^2/NDF : 146732.7/6

Left: 1834.465+/-0.382 χ^2/NDF : 311840.8/14

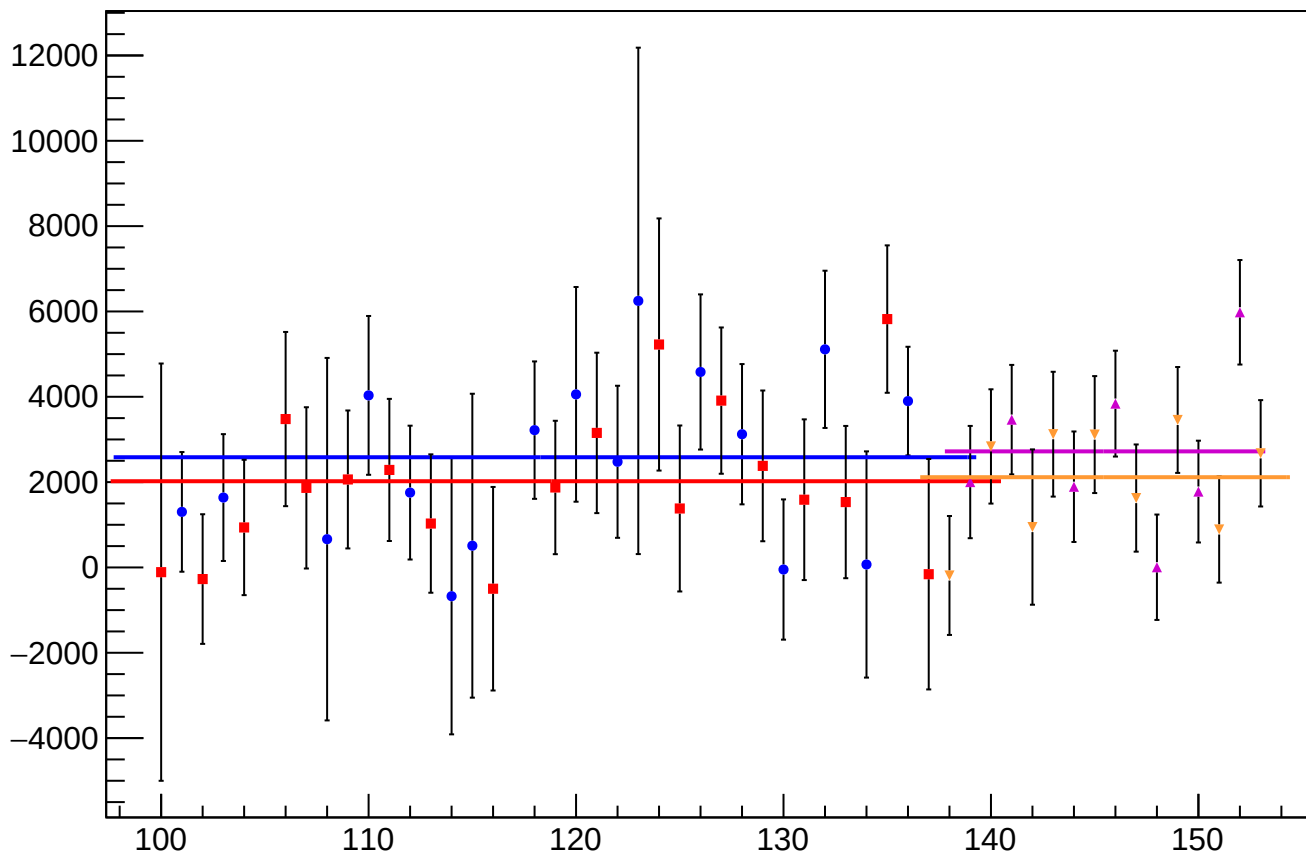
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

In: 1621.096+/-0.328 χ^2/NDF : 644678.6/22

Out: 1634.725+/-0.327 χ^2/NDF : 870161.0/25

All: 1627.930+/-0.232 χ^2/NDF : 1515703.2/48

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988 $\pm$ 453.193 χ^2 /NDF: 12.3/16

Left Out: 2115.116 $\pm$ 449.728 χ^2 /NDF:6.9/8

Right Out: 2020.735 $\pm$ 426.756 χ^2 /NDF: 13.5/18

Left In: 2720.351 $\pm$ 473.745 χ^2 /NDF:14.4/6

Left: 2402.004 $\pm$ 326.166 χ^2 /NDF: 22.2/15

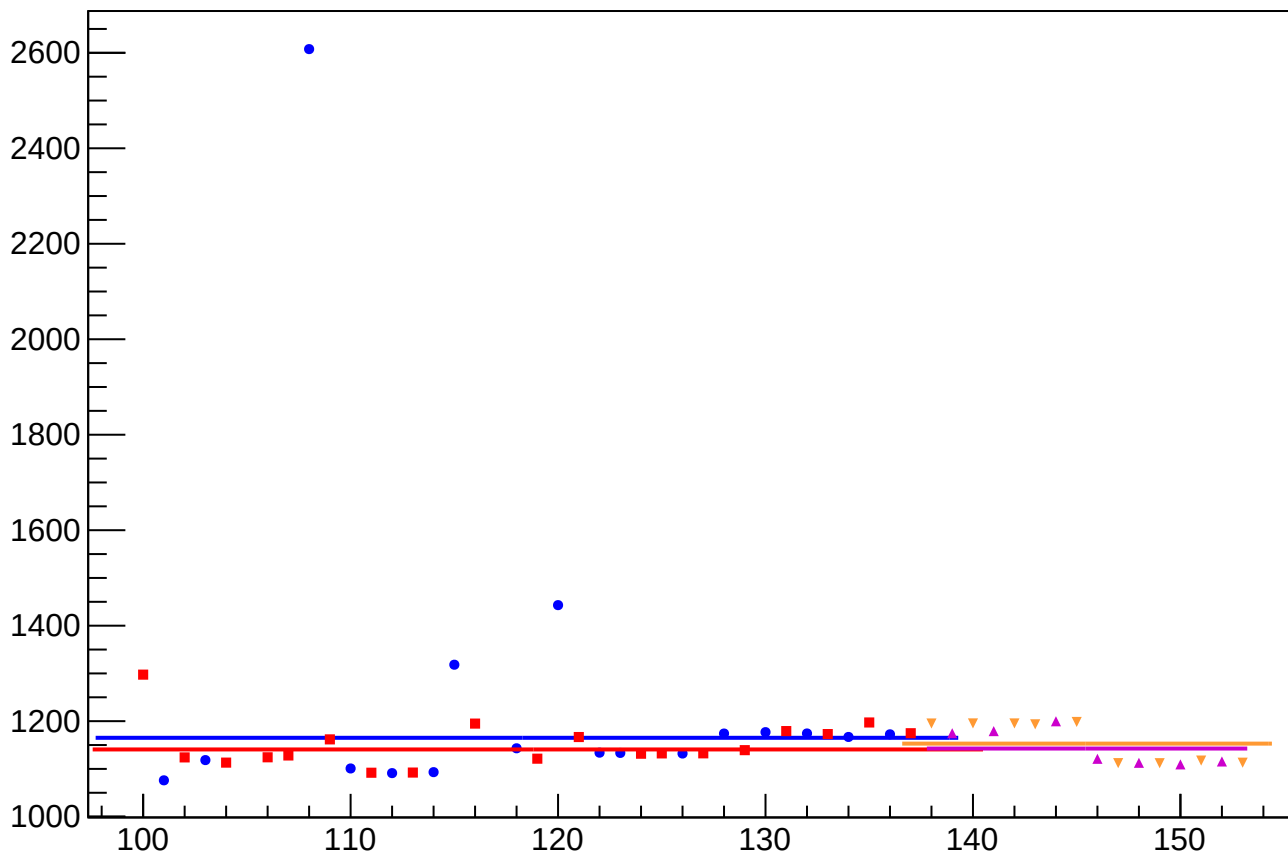
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

In: 2648.626 $\pm$ 327.481 χ^2 /NDF:26.7/23

Out: 2065.454 $\pm$ 309.565 χ^2 /NDF:20.4/27

All: 2340.652 $\pm$ 224.962 χ^2 /NDF: 48.9/51

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

Left Out: 1152.950 $\pm$ 0.318 χ^2 /NDF: 16604.0/8

Right Out: 1140.752 $\pm$ 0.302 χ^2 /NDF: 12717.7/18

Left In: 1142.621 $\pm$ 0.335 χ^2 /NDF: 10987.1/6

Left: 1148.054 $\pm$ 0.231 χ^2 /NDF: 28091.3/15

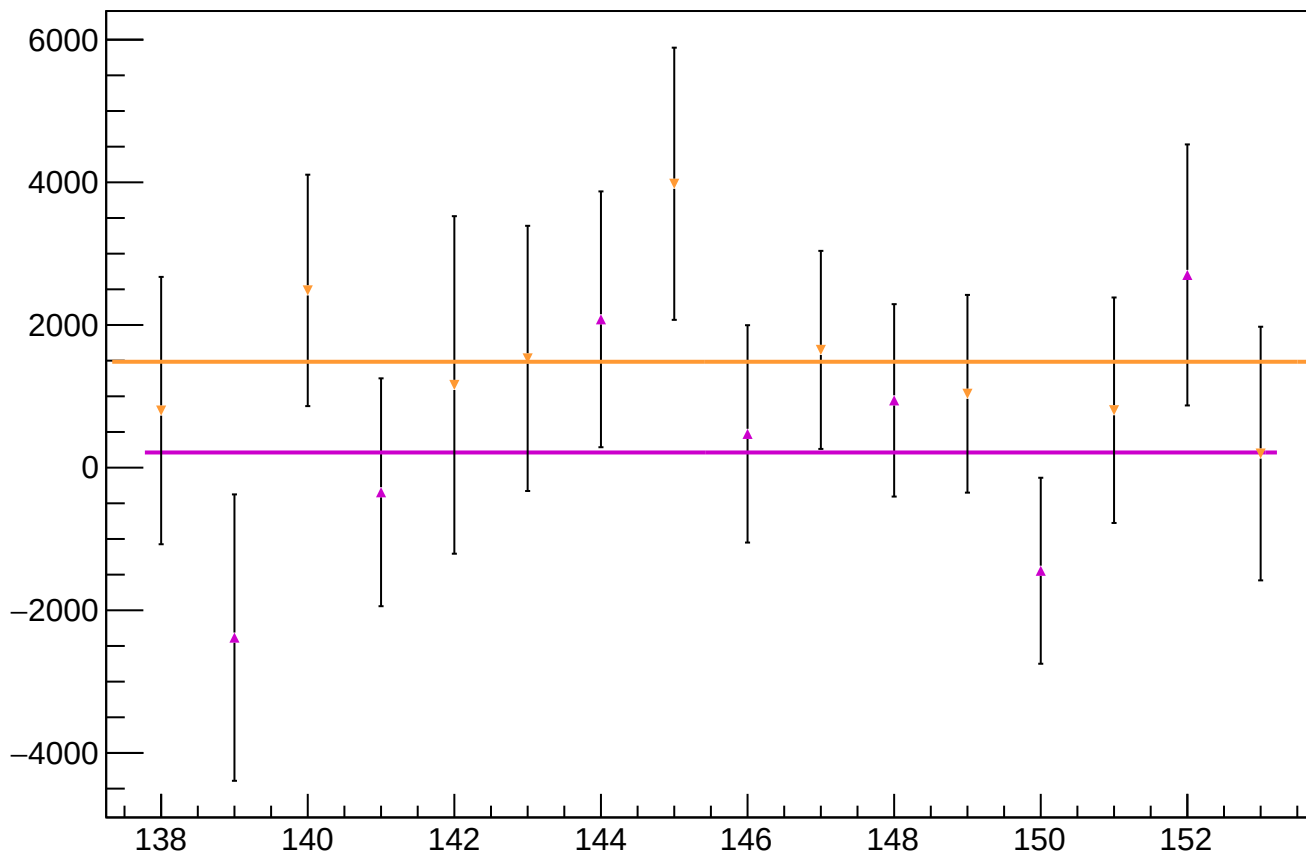
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

In: 1154.383 $\pm$ 0.232 χ^2 /NDF: 291918.3/23

Out: 1146.532 $\pm$ 0.219 χ^2 /NDF: 30095.9/27

All: 1150.236 $\pm$ 0.159 χ^2 /NDF: 322621.3/51

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1484.451+/-562.252 χ^2/NDF : 3.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 212.587+/-595.678 χ^2/NDF : 6.7/6

Left: 885.203+/-408.878 χ^2/NDF : 12.2/15

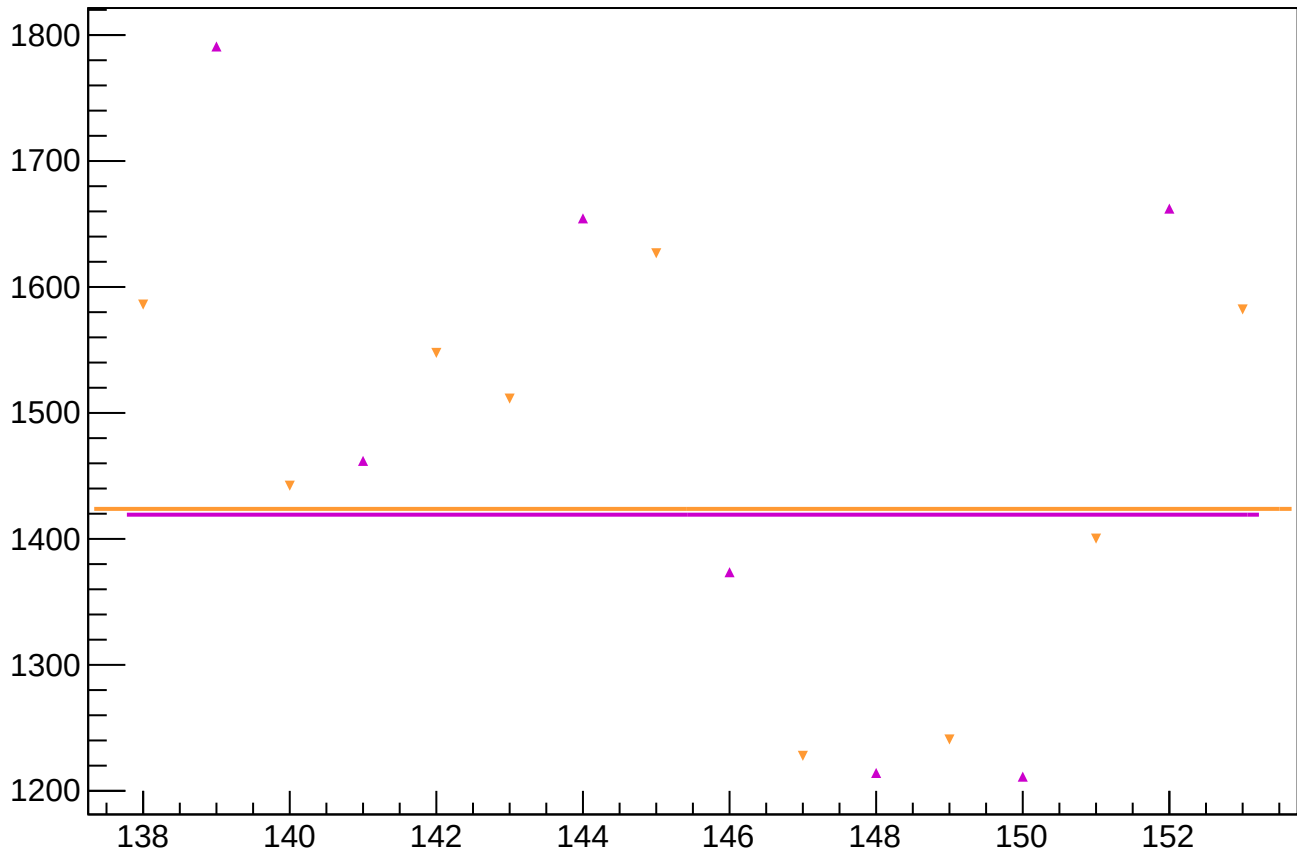
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 212.587+/-595.678 χ^2/NDF : 6.7/6

Out: 1484.451+/-562.252 χ^2/NDF : 3.1/8

All: 885.203+/-408.878 χ^2/NDF : 12.2/15

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1423.842+/-0.398 χ^2/NDF :138842.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1419.234+/-0.421 χ^2/NDF :238555.0/6

Left: 1421.671+/-0.289 χ^2/NDF : 377461.0/15

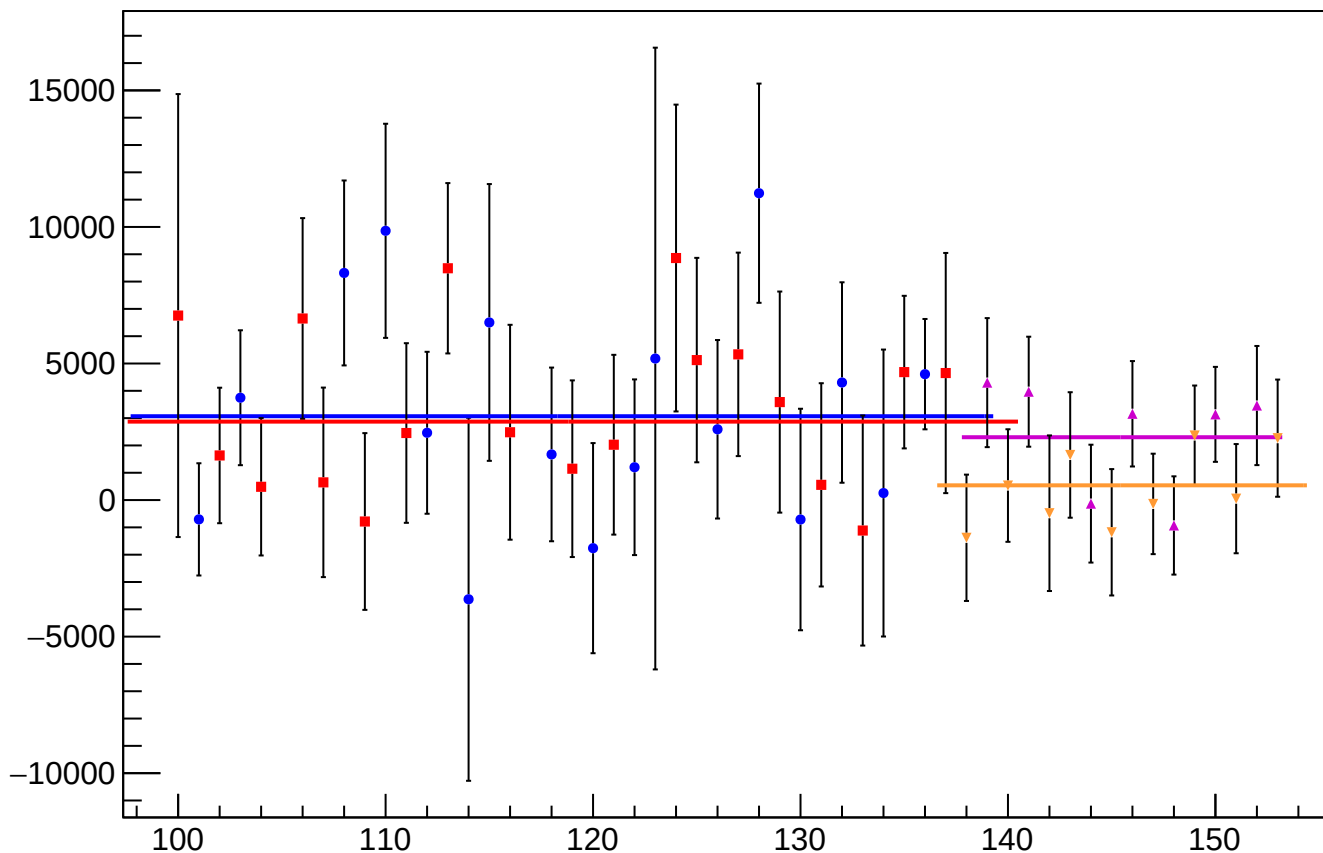
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1419.234+/-0.421 χ^2/NDF :238555.0/6

Out: 1423.842+/-0.398 χ^2/NDF :138842.7/8

All: 1421.671+/-0.289 χ^2/NDF : 377461.0/15

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484 $\pm$ 797.741 χ^2 /NDF: 18.5/16

Left Out: 539.418 $\pm$ 709.979 χ^2 /NDF:3.4/8

Right Out: 2872.615 $\pm$ 795.352 χ^2 /NDF: 11.6/18

Left In: 2300.897 $\pm$ 753.997 χ^2 /NDF:6.6/6

Left: 1367.242 $\pm$ 516.892 χ^2 /NDF: 12.9/15

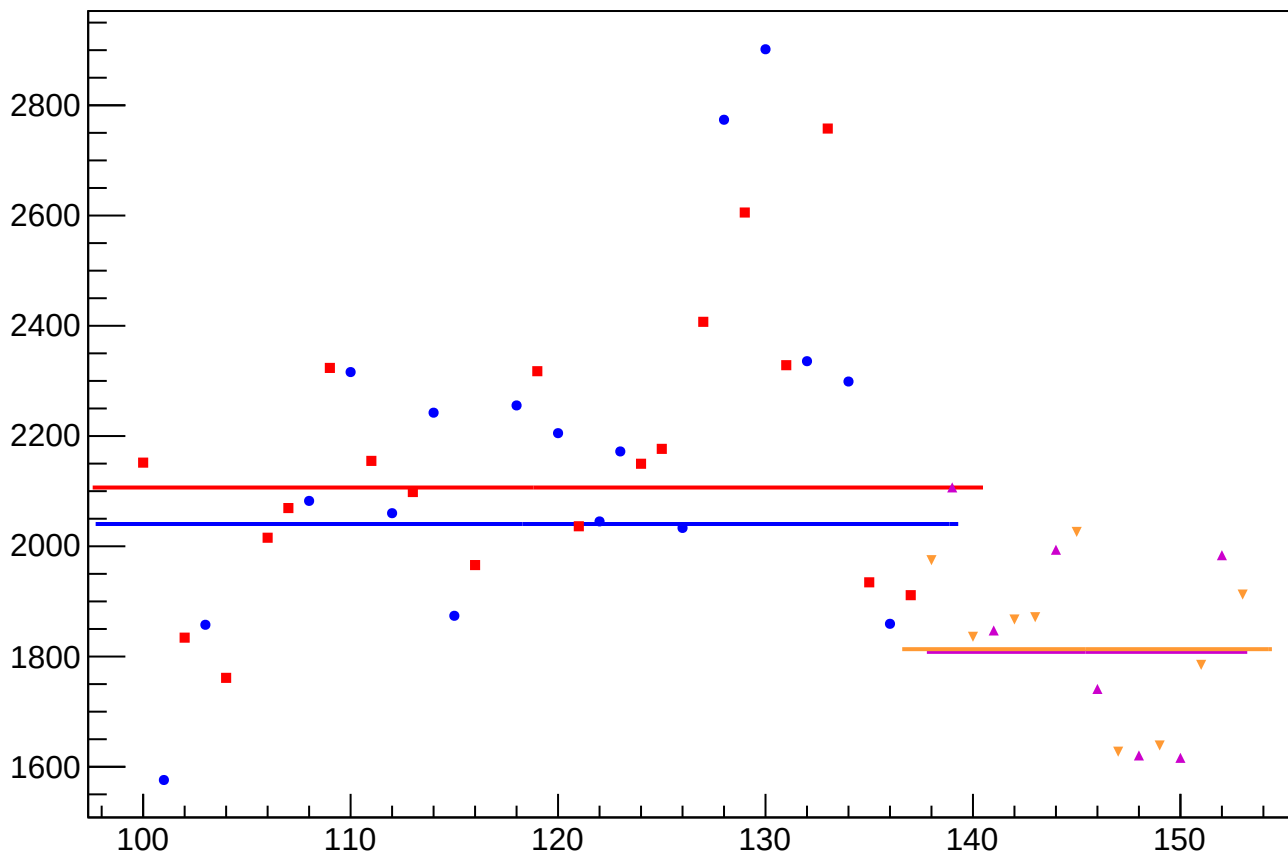
Right: 2970.754 $\pm$ 563.242 χ^2 /NDF: 30.1/35

In: 2663.541 $\pm$ 547.969 χ^2 /NDF:25.6/23

Out: 1574.116 $\pm$ 529.652 χ^2 /NDF:19.8/27

All: 2100.317 $\pm$ 380.831 χ^2 /NDF: 47.5/51

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433 $\pm$ 0.564 χ^2/NDF : 331339.9/16

Left Out: 1813.383 $\pm$ 0.502 χ^2/NDF : 72239.6/8

Right Out: 2106.624 $\pm$ 0.562 χ^2/NDF : 195414.9/18

Left In: 1808.490 $\pm$ 0.533 χ^2/NDF : 109001.2/6

Left: 1811.084 $\pm$ 0.365 χ^2/NDF : 181285.5/15

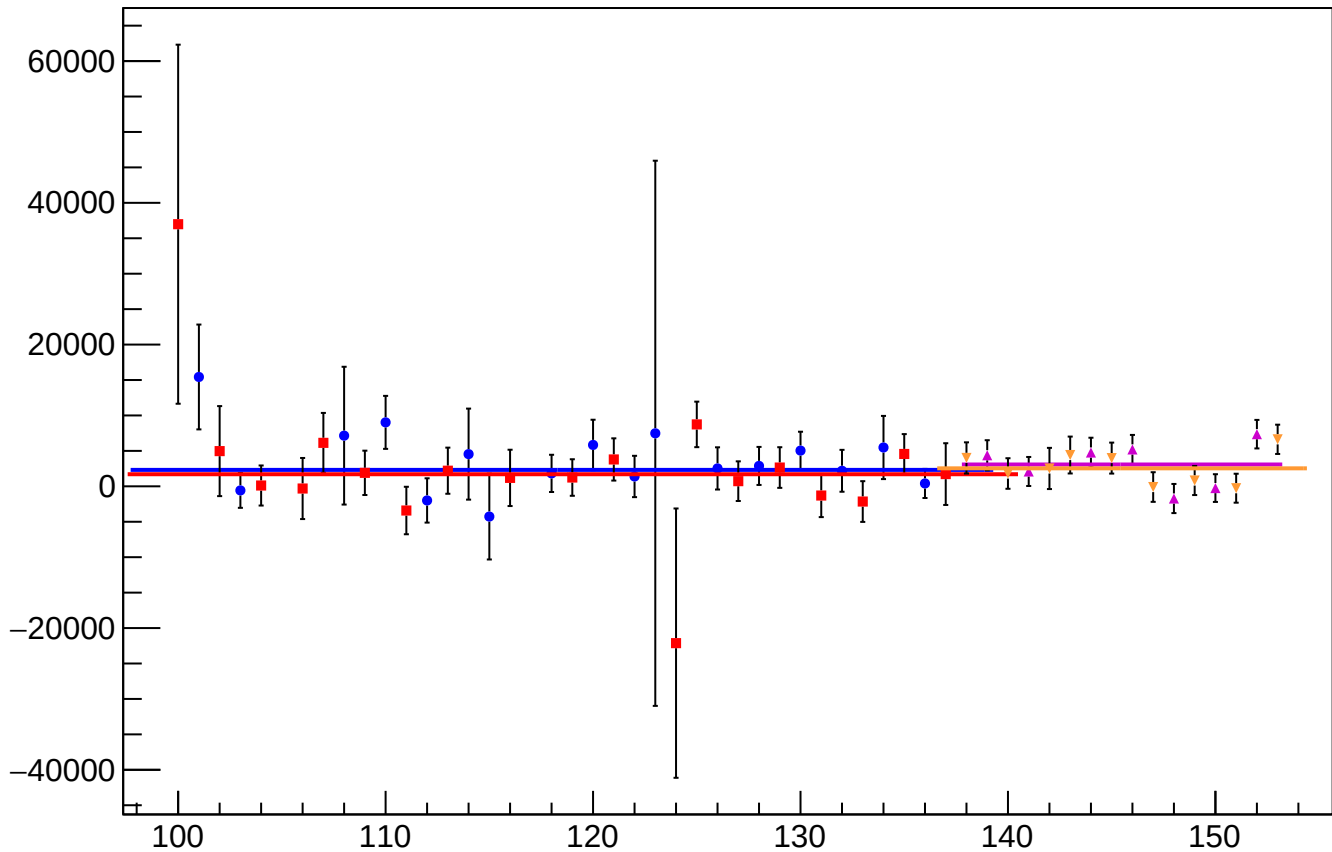
Right: 2073.628 $\pm$ 0.398 χ^2/NDF : 533659.8/35

In: 1917.928 $\pm$ 0.387 χ^2/NDF : 529639.2/23

Out: 1943.426 $\pm$ 0.375 χ^2/NDF : 418958.1/27

All: 1931.110 $\pm$ 0.269 χ^2/NDF : 950836.0/51

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038 $\pm$ 801.440 χ^2 /NDF: 14.8/16

Left Out: 2537.677 $\pm$ 737.737 χ^2 /NDF:9.6/8

Right Out: 1705.508 $\pm$ 782.848 χ^2 /NDF: 17.2/18

Left In: 3078.326 $\pm$ 773.218 χ^2 /NDF:15.2/6

Left: 2795.313 $\pm$ 533.761 χ^2 /NDF: 25.1/15

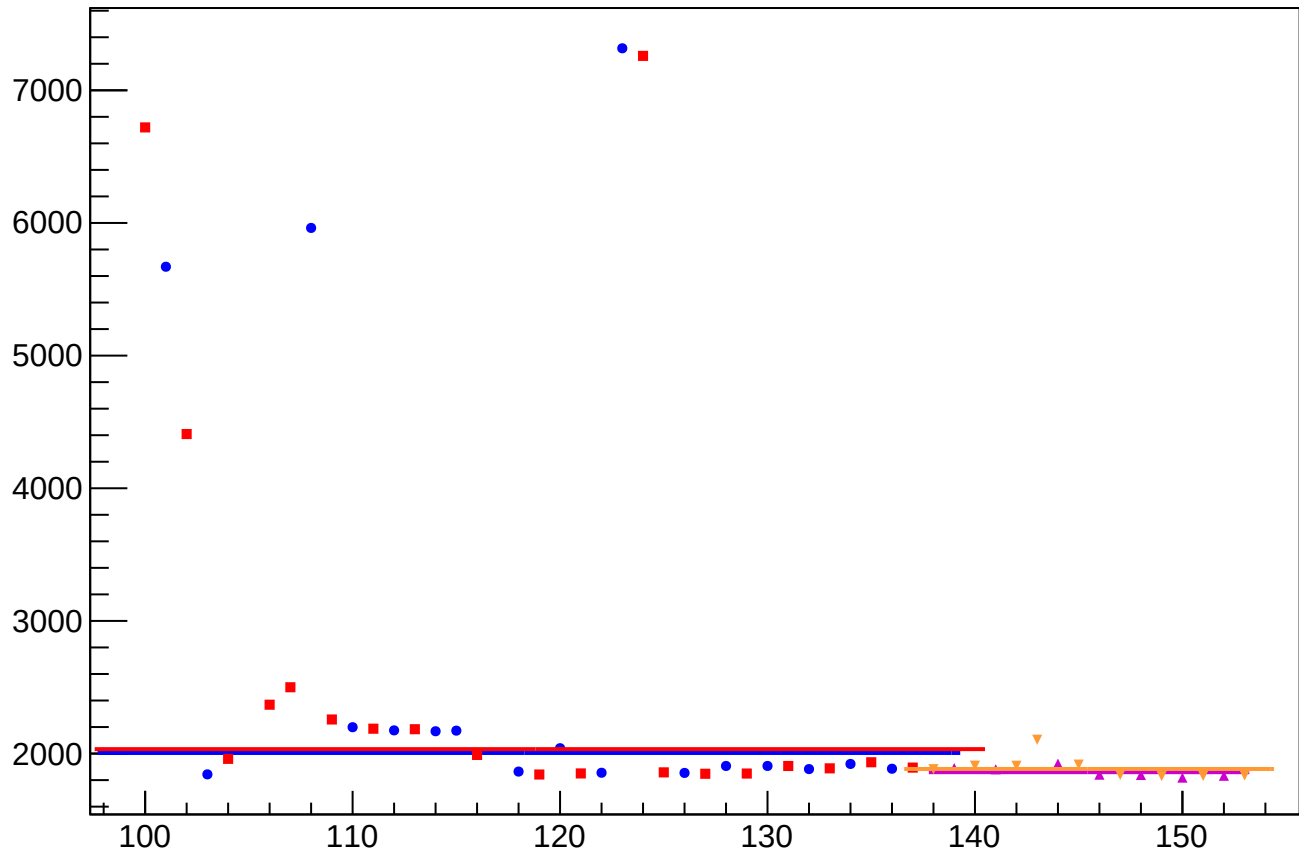
Right: 2005.073 $\pm$ 560.015 χ^2 /NDF: 32.3/35

In: 2712.286 $\pm$ 556.458 χ^2 /NDF:30.5/23

Out: 2146.258 $\pm$ 536.898 χ^2 /NDF:27.4/27

All: 2419.150 $\pm$ 386.374 χ^2 /NDF: 58.4/51

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2004.551+/-0.567 χ^2/NDF : 916013.4/16

Left Out: 1884.003+/-0.522 χ^2/NDF :19988.6/8

Right Out: 2033.490+/-0.554 χ^2/NDF : 611009.8/18

Left In: 1859.810+/-0.547 χ^2/NDF :4173.2/6

Left: 1872.474+/-0.377 χ^2/NDF : 25186.6/15

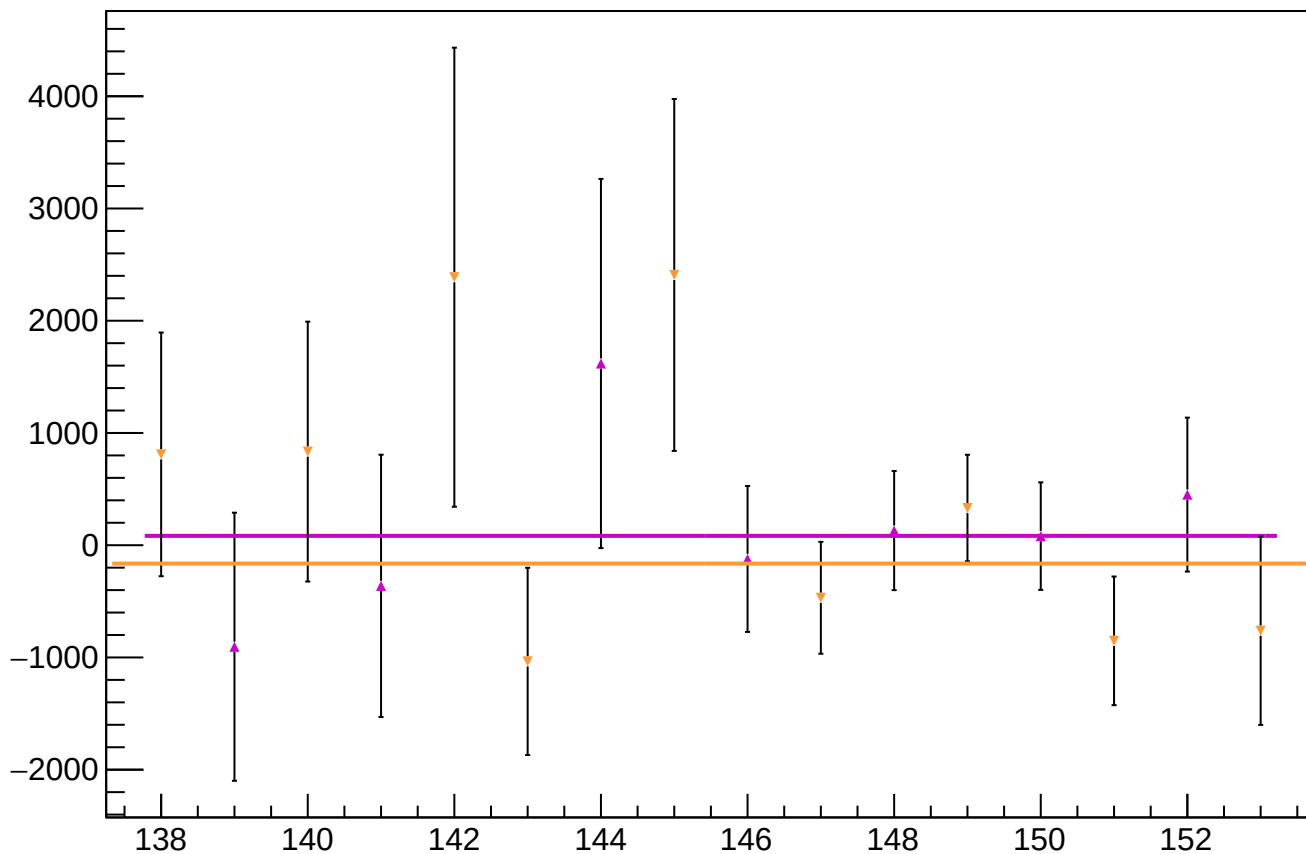
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

In: 1929.587+/-0.393 χ^2/NDF :953971.8/23

Out: 1954.316+/-0.380 χ^2/NDF :669623.2/27

All: 1942.394+/-0.273 χ^2/NDF : 1625640.5/51

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -163.702+/-245.393 χ^2/NDF :10.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.379+/-265.317 χ^2/NDF :2.1/6

Left: -49.786+/-180.151 χ^2/NDF : 12.9/15

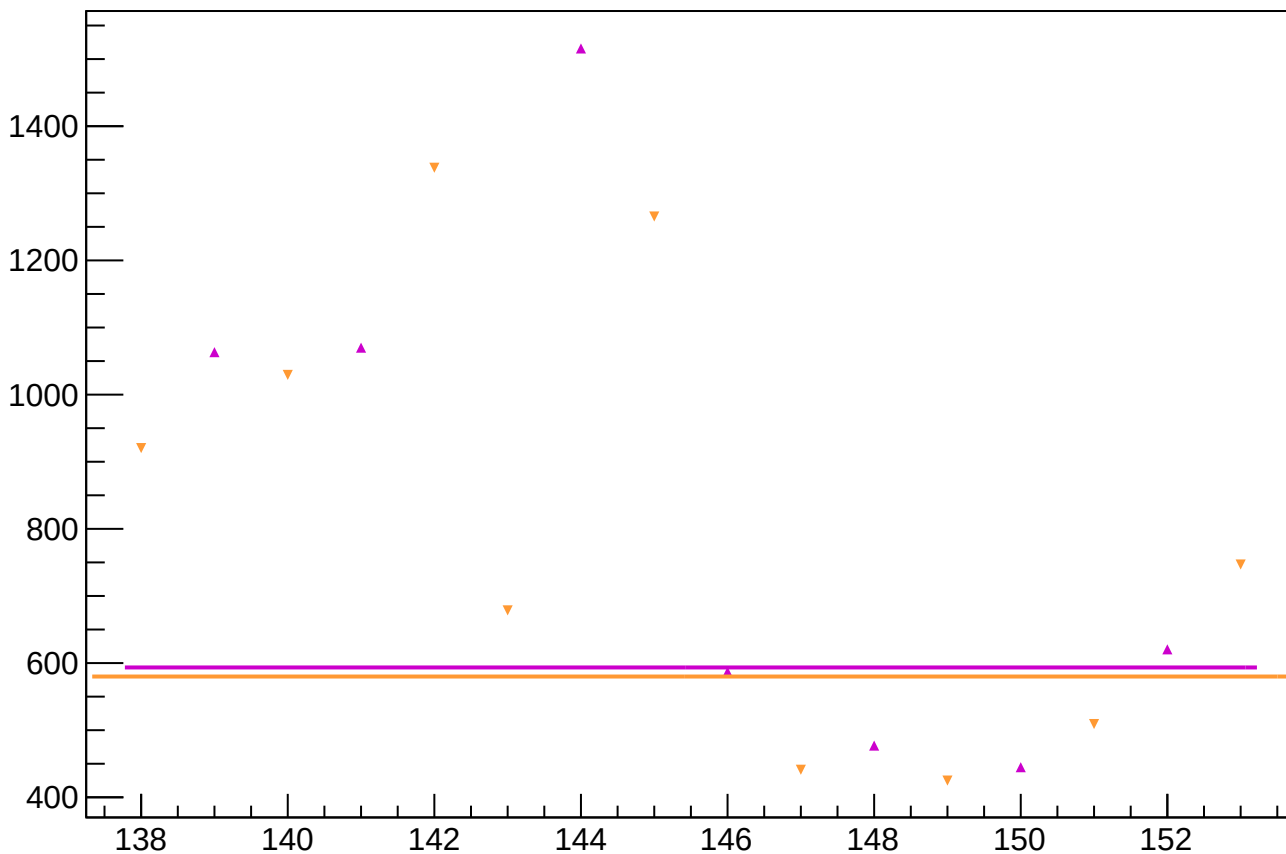
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.379+/-265.317 χ^2/NDF :2.1/6

Out: -163.702+/-245.393 χ^2/NDF :10.3/8

All: -49.786+/-180.151 χ^2/NDF : 12.9/15

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 579.955+/-0.174 χ^2/NDF :1661551.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 593.473+/-0.188 χ^2/NDF :1563304.2/6

Left: 586.188+/-0.127 χ^2/NDF : 3227654.1/15

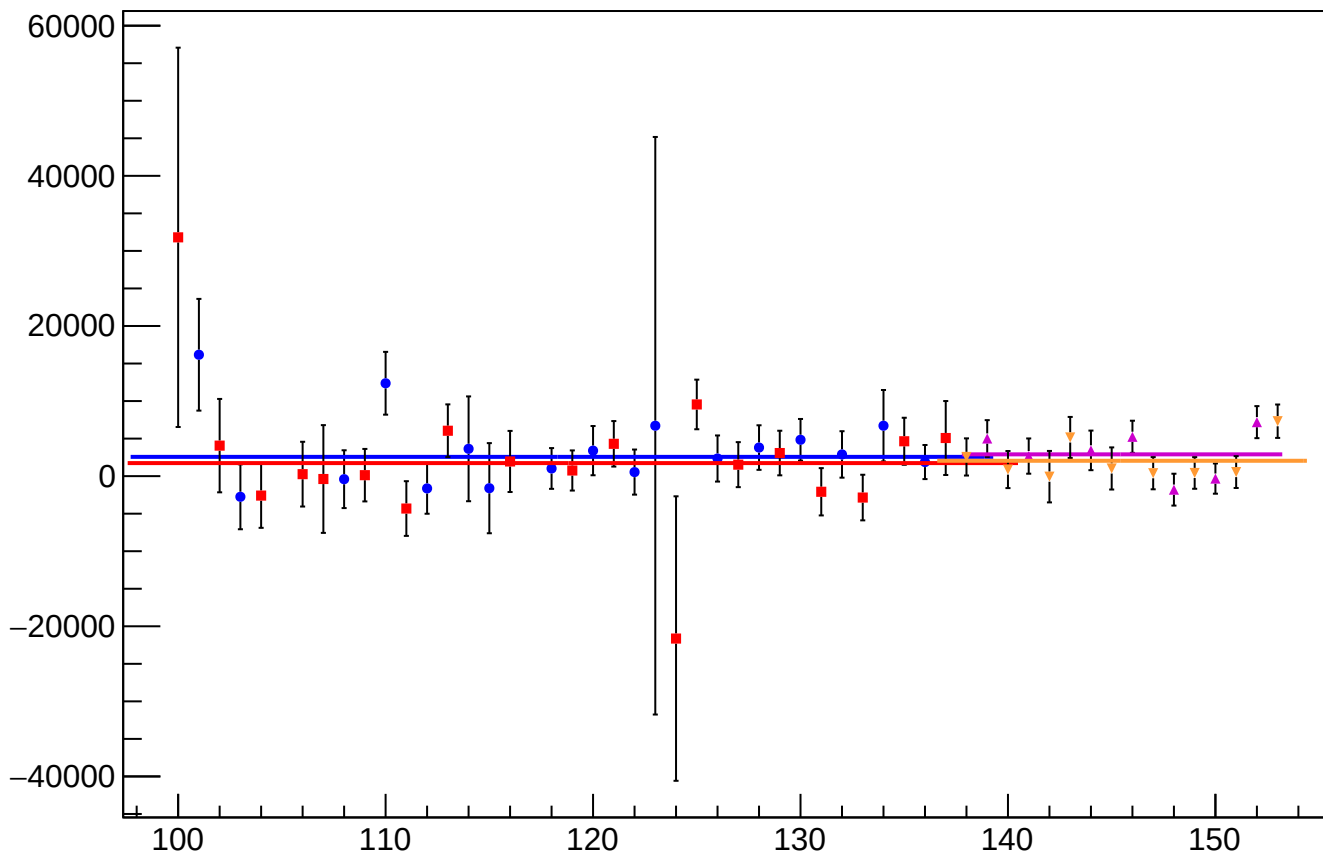
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 593.473+/-0.188 χ^2/NDF :1563304.2/6

Out: 579.955+/-0.174 χ^2/NDF :1661551.8/8

All: 586.188+/-0.127 χ^2/NDF : 3227654.1/15

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 2046.271 $\pm$ 805.469 χ^2 /NDF: 9.4/8

Right Out: 1737.684 $\pm$ 853.181 χ^2 /NDF: 20.5/18

Left In: 2902.091 $\pm$ 845.389 χ^2 /NDF: 13.5/6

Left: 2453.498 $\pm$ 583.155 χ^2 /NDF: 23.4/15

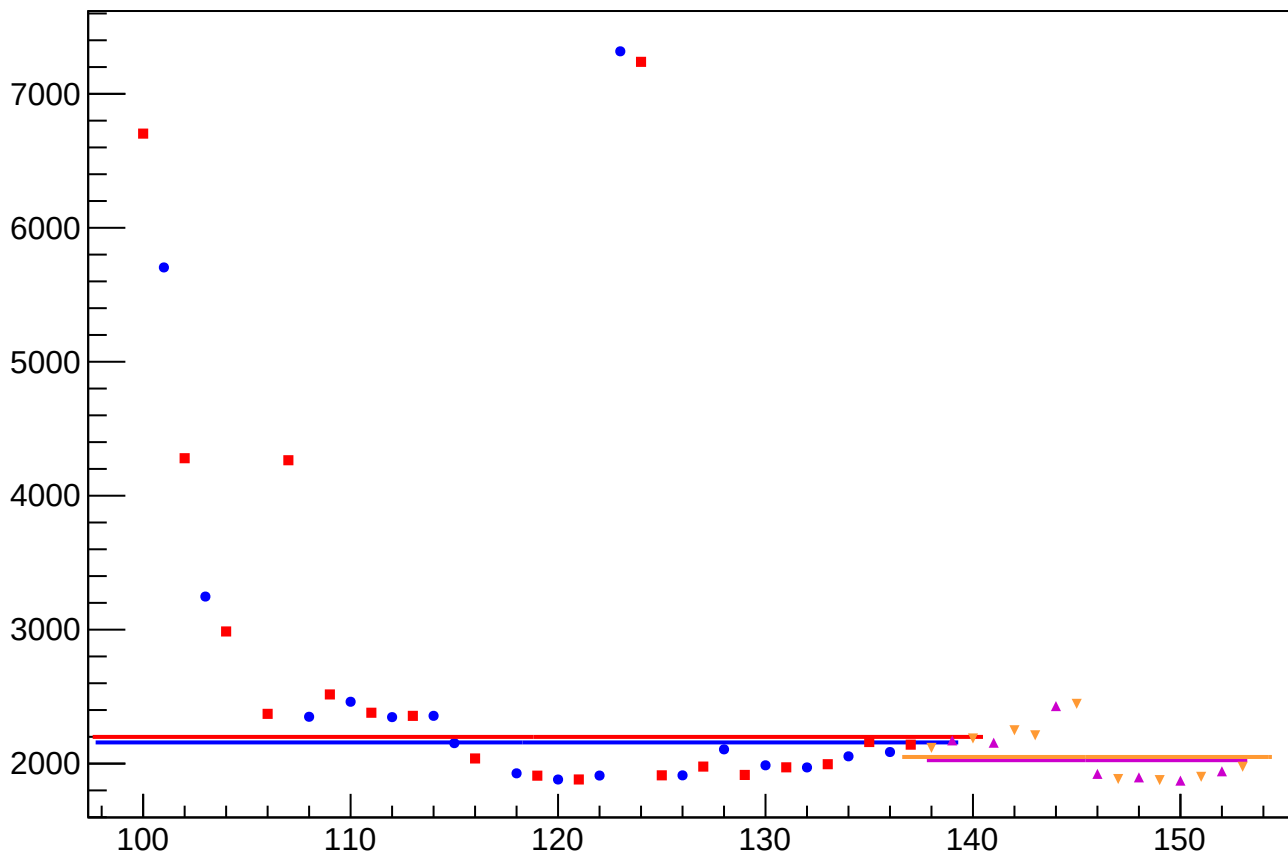
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 2736.552 $\pm$ 601.528 χ^2 /NDF: 29.2/23

Out: 1900.847 $\pm$ 585.694 χ^2 /NDF: 30.0/27

All: 2307.556 $\pm$ 419.634 χ^2 /NDF: 60.1/51

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148 $\pm$ 0.605 χ^2/NDF : 713862.1/16

Left Out: 2049.579 $\pm$ 0.570 χ^2/NDF : 98719.3/8

Right Out: 2199.343 $\pm$ 0.603 χ^2/NDF : 803022.0/18

Left In: 2025.586 $\pm$ 0.598 χ^2/NDF : 86750.8/6

Left: 2038.162 $\pm$ 0.412 χ^2/NDF : 186314.5/15

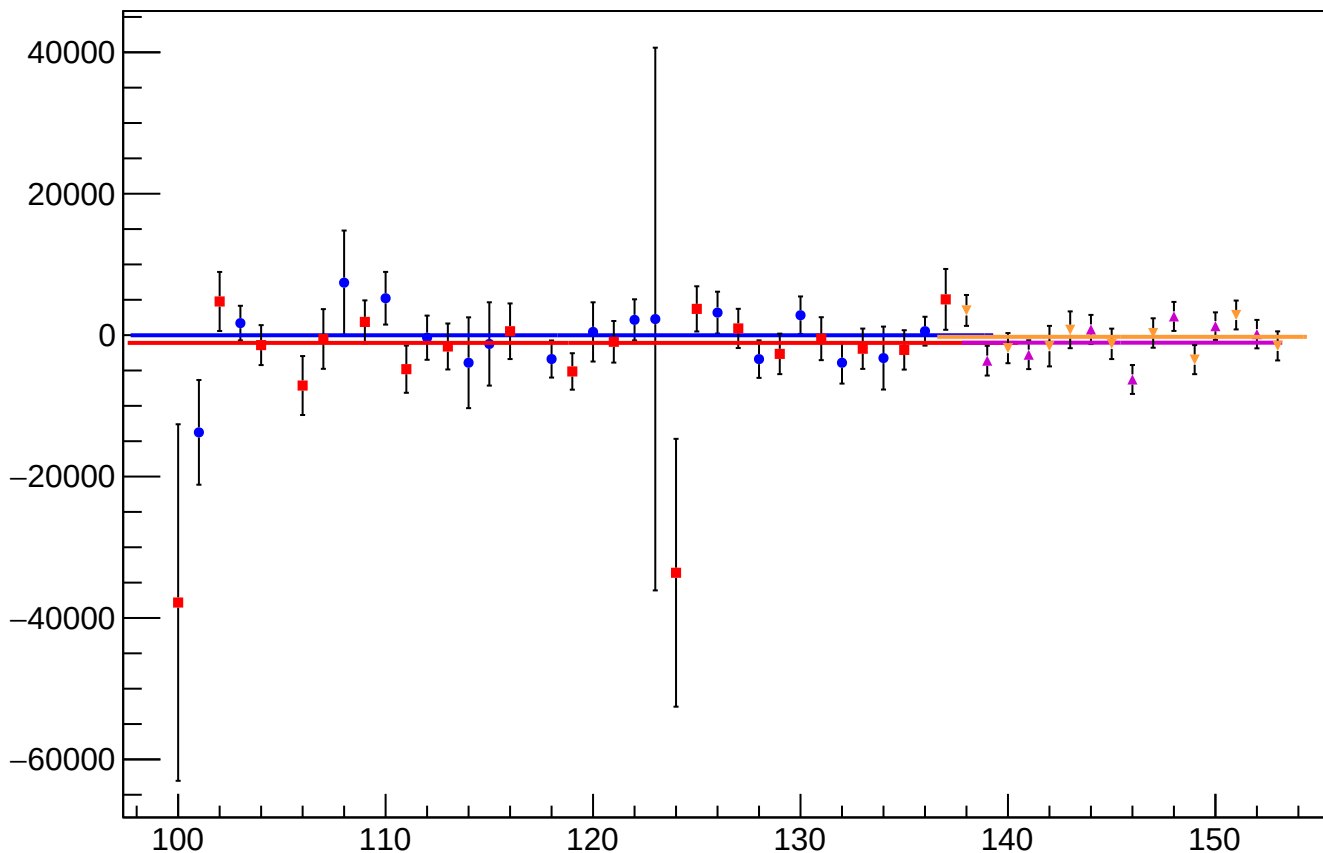
Right: 2178.816 $\pm$ 0.427 χ^2/NDF : 1519207.5/35

In: 2091.034 $\pm$ 0.425 χ^2/NDF : 824891.9/23

Out: 2120.157 $\pm$ 0.414 χ^2/NDF : 934325.7/27

All: 2105.984 $\pm$ 0.297 χ^2/NDF : 1761624.1/51

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275 ± 801.405 χ^2/NDF : 15.8/16

Left Out: -239.012 ± 733.588 χ^2/NDF : 9.3/8

Right Out: -1095.433 ± 769.722 χ^2/NDF : 19.4/18

Left In: -1065.502 ± 769.484 χ^2/NDF : 14.5/6

Left: -632.530 ± 530.962 χ^2/NDF : 24.4/15

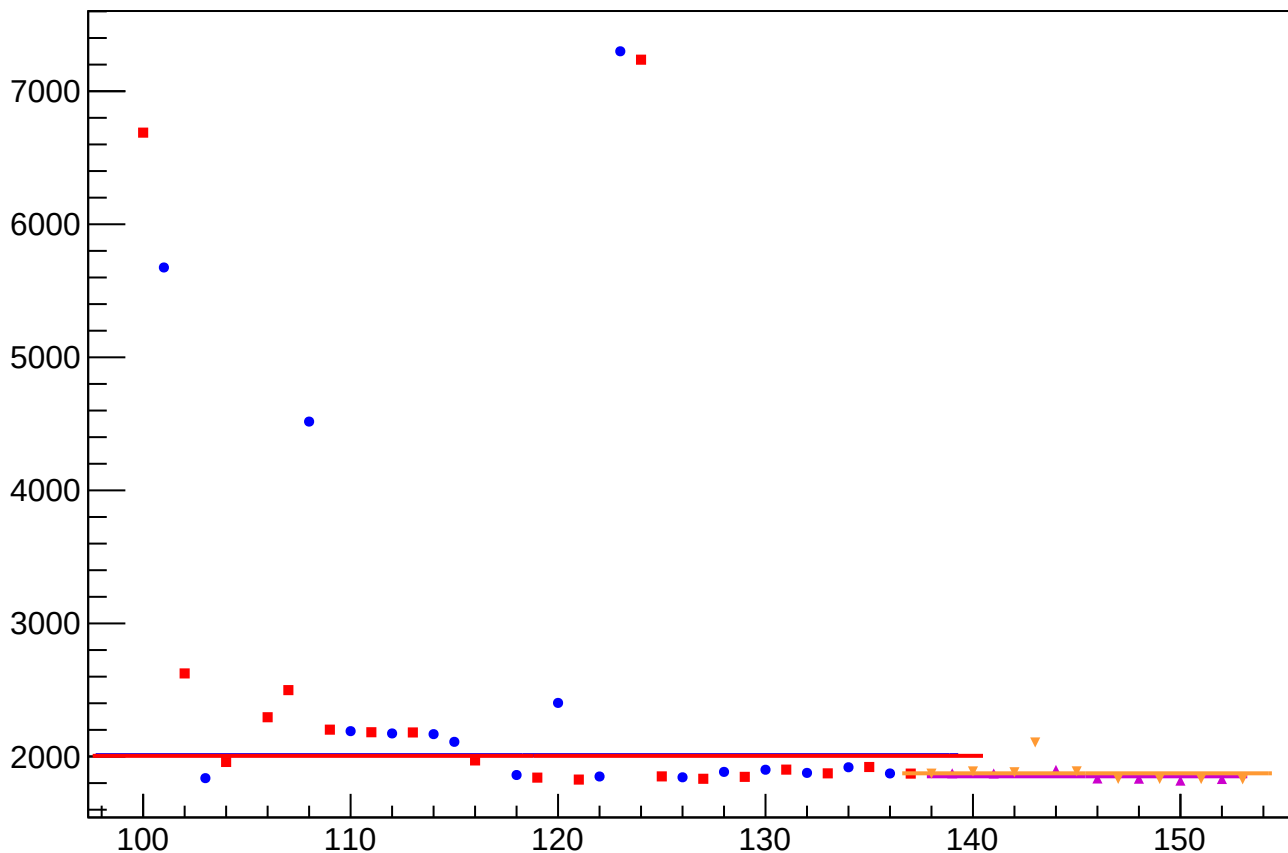
Right: -578.567 ± 555.139 χ^2/NDF : 36.2/35

In: -563.160 ± 555.049 χ^2/NDF : 31.3/23

Out: -646.649 ± 531.040 χ^2/NDF : 29.3/27

All: -606.749 ± 383.709 χ^2/NDF : 60.6/51

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2010.272+/-0.567 χ^2/NDF : 839746.7/16

Left Out: 1873.474+/-0.519 χ^2/NDF :19621.4/8

Right Out: 2004.882+/-0.544 χ^2/NDF : 367513.0/18

Left In: 1851.029+/-0.544 χ^2/NDF :2571.2/6

Left: 1862.788+/-0.375 χ^2/NDF : 23084.1/15

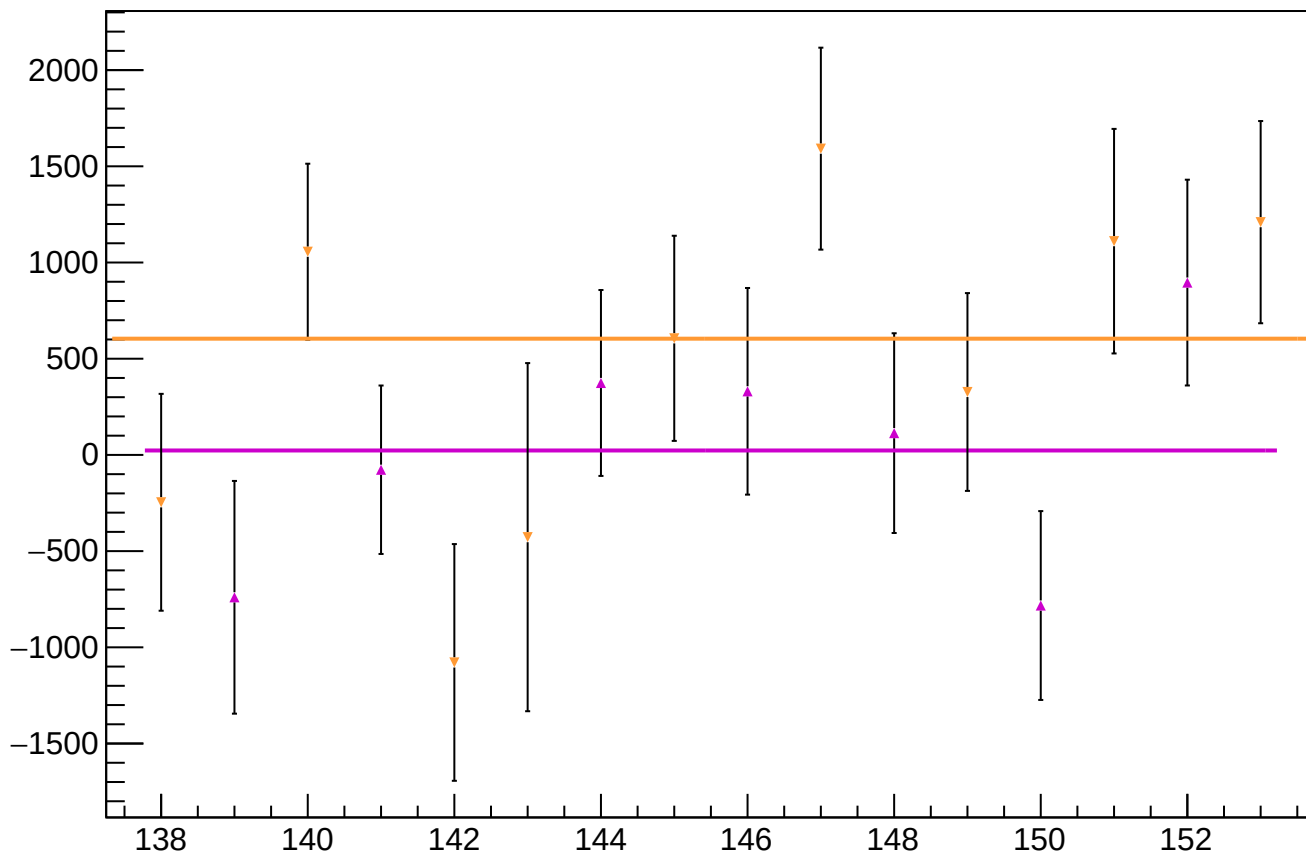
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

In: 1927.416+/-0.392 χ^2/NDF :883405.5/23

Out: 1936.022+/-0.376 χ^2/NDF :417680.6/27

All: 1931.909+/-0.271 χ^2/NDF : 1301337.1/51

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 604.128+/-184.791 χ^2/NDF :17.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.082+/-192.215 χ^2/NDF :7.9/6

Left: 325.043+/-133.214 χ^2/NDF : 30.6/15

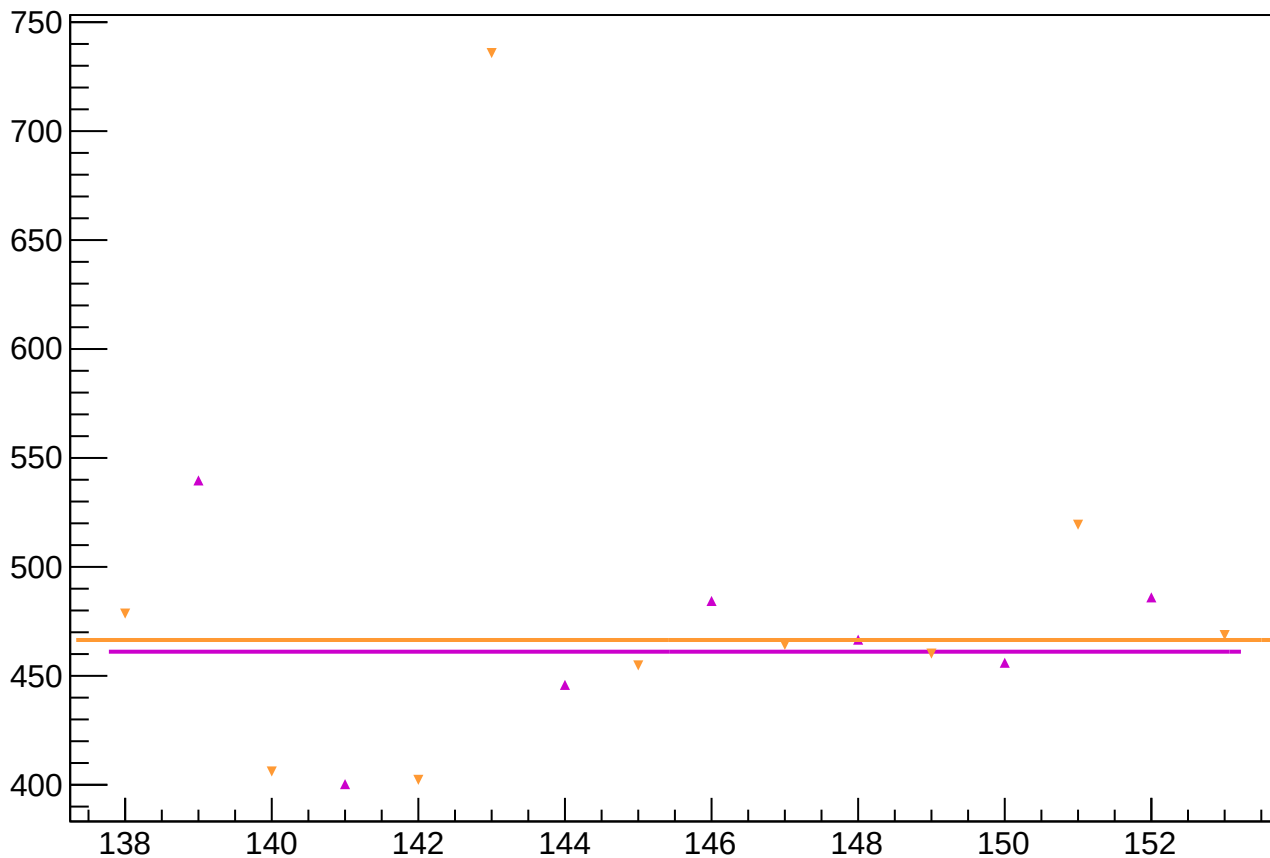
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.082+/-192.215 χ^2/NDF :7.9/6

Out: 604.128+/-184.791 χ^2/NDF :17.9/8

All: 325.043+/-133.214 χ^2/NDF : 30.6/15

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 466.457+/-0.131 χ^2/NDF : 252581.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 461.084+/-0.136 χ^2/NDF : 82884.8/6

Left: 463.877+/-0.094 χ^2/NDF : 336278.2/15

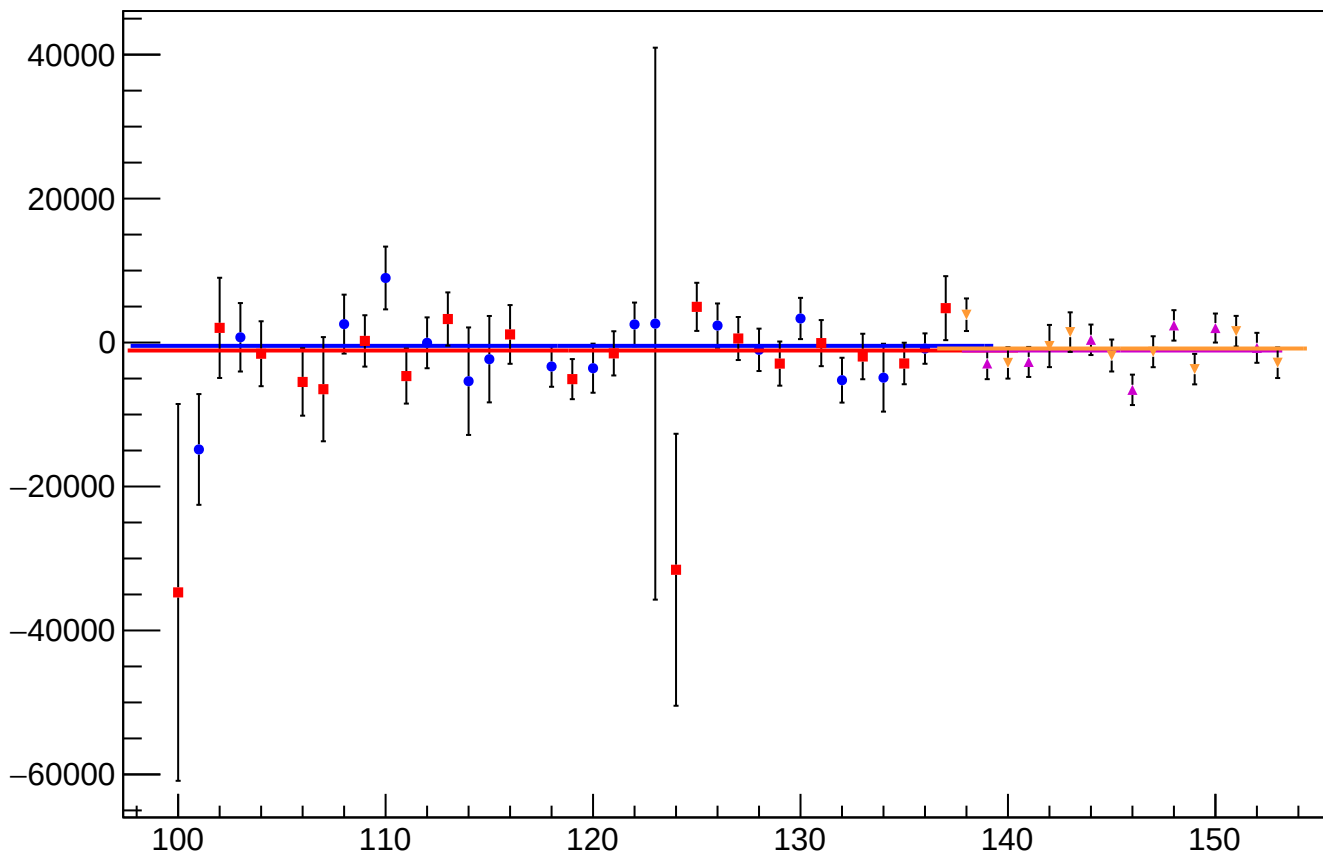
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 461.084+/-0.136 χ^2/NDF : 82884.8/6

Out: 466.457+/-0.131 χ^2/NDF : 252581.3/8

All: 463.877+/-0.094 χ^2/NDF : 336278.2/15

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311+/-865.151 χ^2/NDF : 18.1/16

Left Out: -828.251+/-758.522 χ^2/NDF : 10.0/8

Right Out: -1104.312+/-867.160 χ^2/NDF : 16.9/18

Left In: -1105.089+/-793.768 χ^2/NDF : 13.6/6

Left: -960.387+/-548.393 χ^2/NDF : 23.7/15

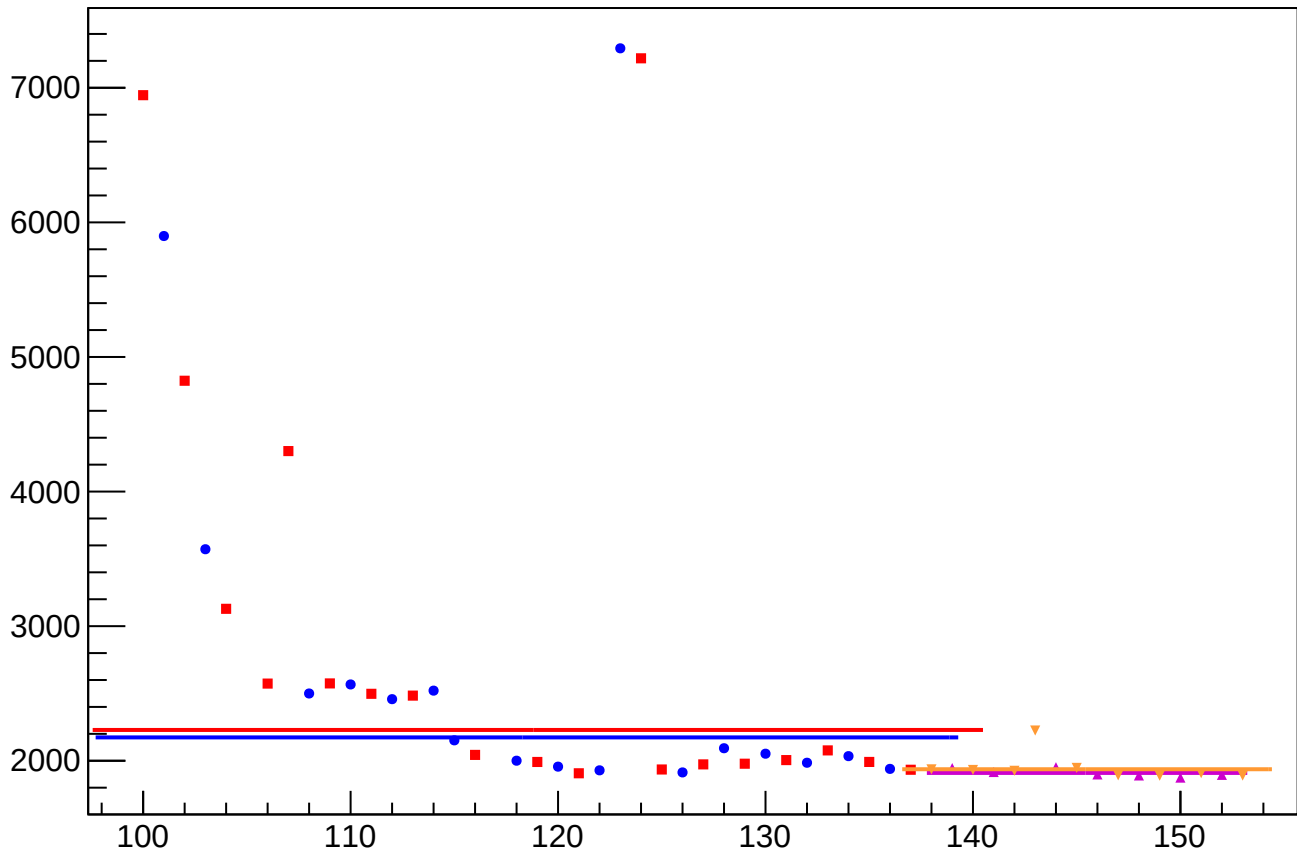
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

In: -809.479+/-584.889 χ^2/NDF : 32.0/23

Out: -947.915+/-570.926 χ^2/NDF : 27.0/27

All: -880.369+/-408.553 χ^2/NDF : 59.0/51

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529 $\pm$ 0.612 χ^2 /NDF: 805360.7/16

Left Out: 1937.009 $\pm$ 0.536 χ^2 /NDF: 25267.9/8

Right Out: 2228.892 $\pm$ 0.613 χ^2 /NDF: 895863.4/18

Left In: 1909.634 $\pm$ 0.561 χ^2 /NDF: 2282.4/6

Left: 1923.943 $\pm$ 0.388 χ^2 /NDF: 28793.7/15

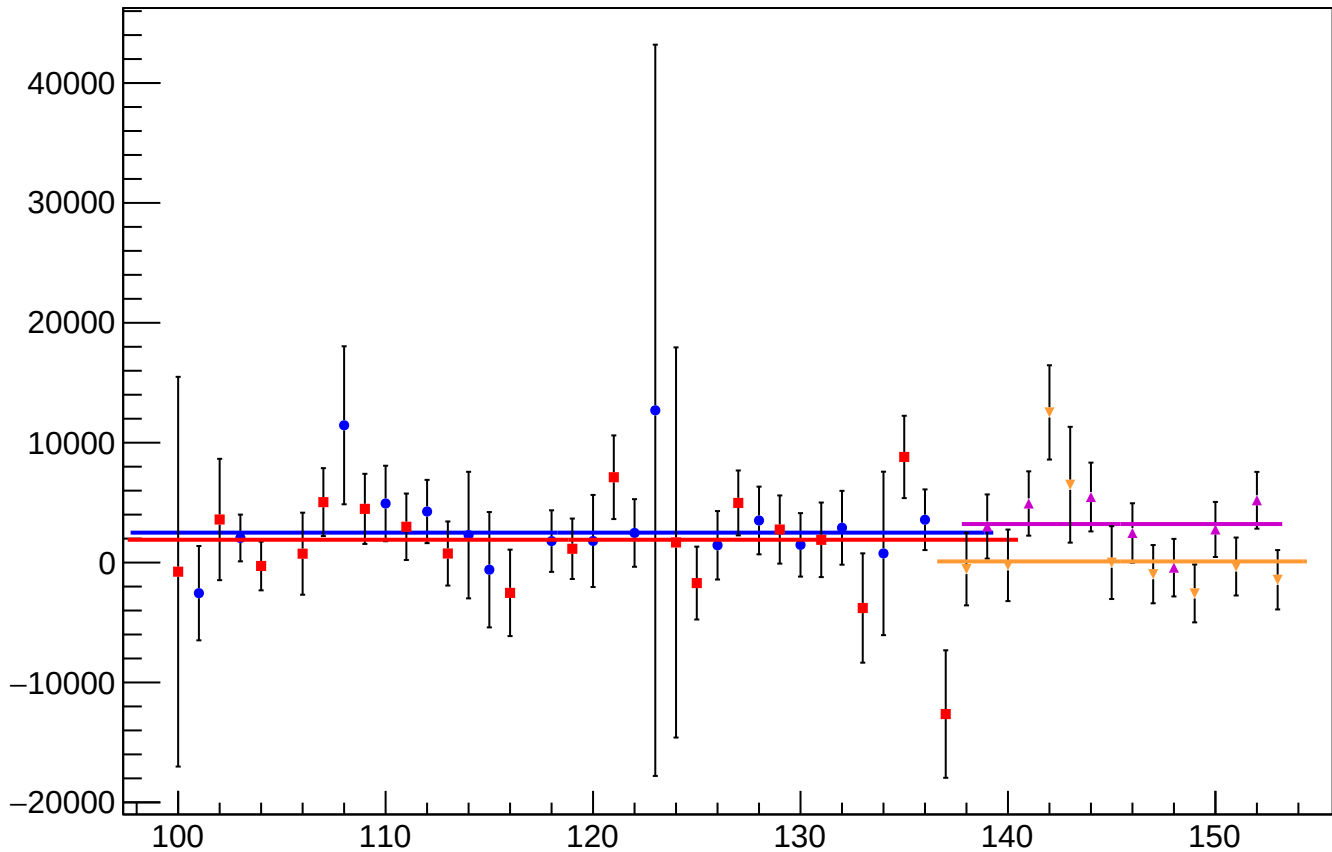
Right: 2201.146 $\pm$ 0.433 χ^2 /NDF: 1705309.7/35

In: 2030.247 $\pm$ 0.414 χ^2 /NDF: 908676.7/23

Out: 2063.532 $\pm$ 0.404 χ^2 /NDF: 1049504.6/27

All: 2047.292 $\pm$ 0.289 χ^2 /NDF: 1961498.1/51

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610 $\pm$ 768.295 χ^2 /NDF: 5.9/16

Left Out: 96.892 $\pm$ 948.062 χ^2 /NDF:13.6/8

Right Out: 1902.970 $\pm$ 736.793 χ^2 /NDF: 23.5/18

Left In: 3213.825 $\pm$ 951.519 χ^2 /NDF:4.2/6

Left: 1649.686 $\pm$ 671.600 χ^2 /NDF: 23.2/15

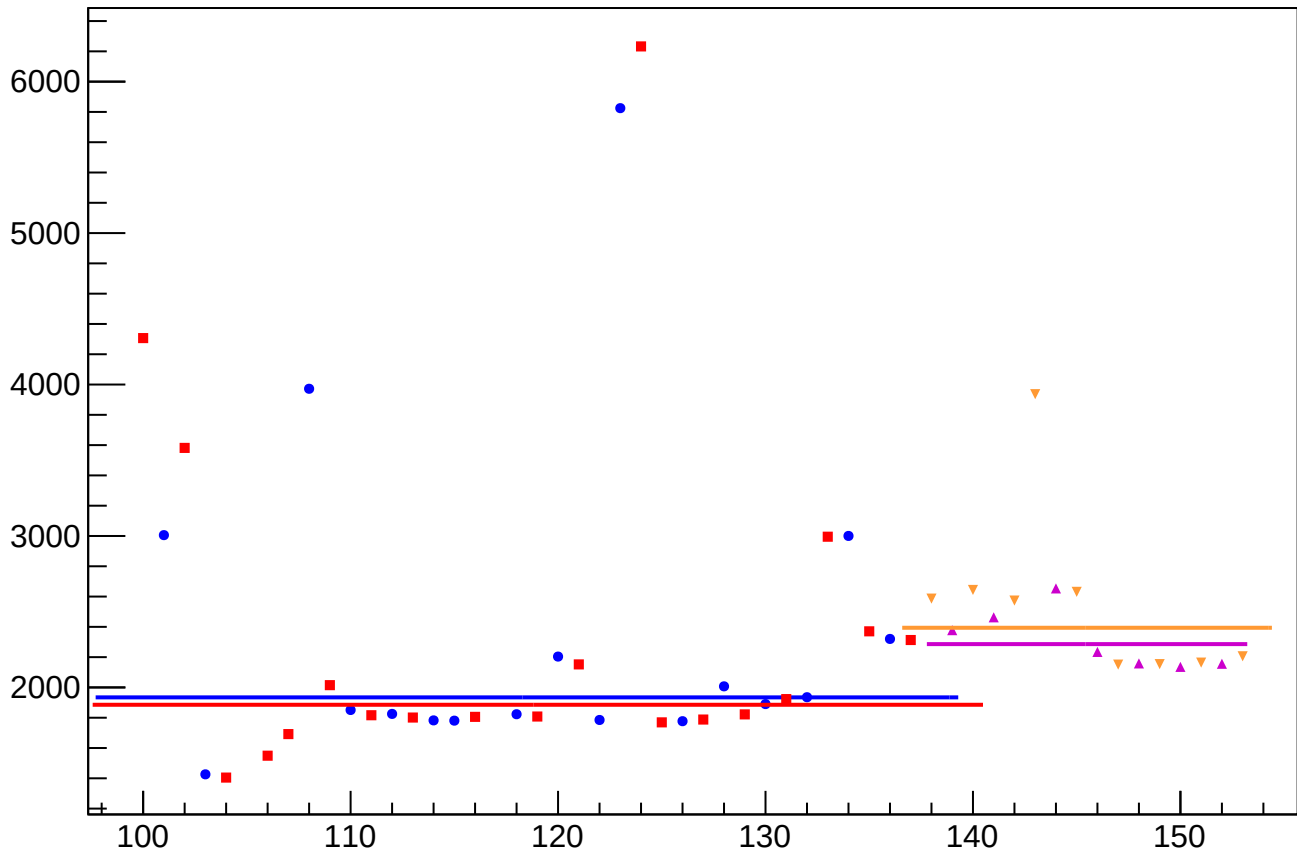
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

In: 2779.665 $\pm$ 597.762 χ^2 /NDF:10.4/23

Out: 1222.895 $\pm$ 581.764 χ^2 /NDF:39.3/27

All: 1980.170 $\pm$ 416.910 χ^2 /NDF: 53.2/51

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404+/-0.543 χ^2/NDF : 638920.4/16

Left Out: 2394.021+/-0.670 χ^2/NDF :311888.8/8

Right Out: 1885.547+/-0.521 χ^2/NDF : 752091.8/18

Left In: 2286.088+/-0.673 χ^2/NDF :65031.9/6

Left: 2340.251+/-0.475 χ^2/NDF : 389834.3/15

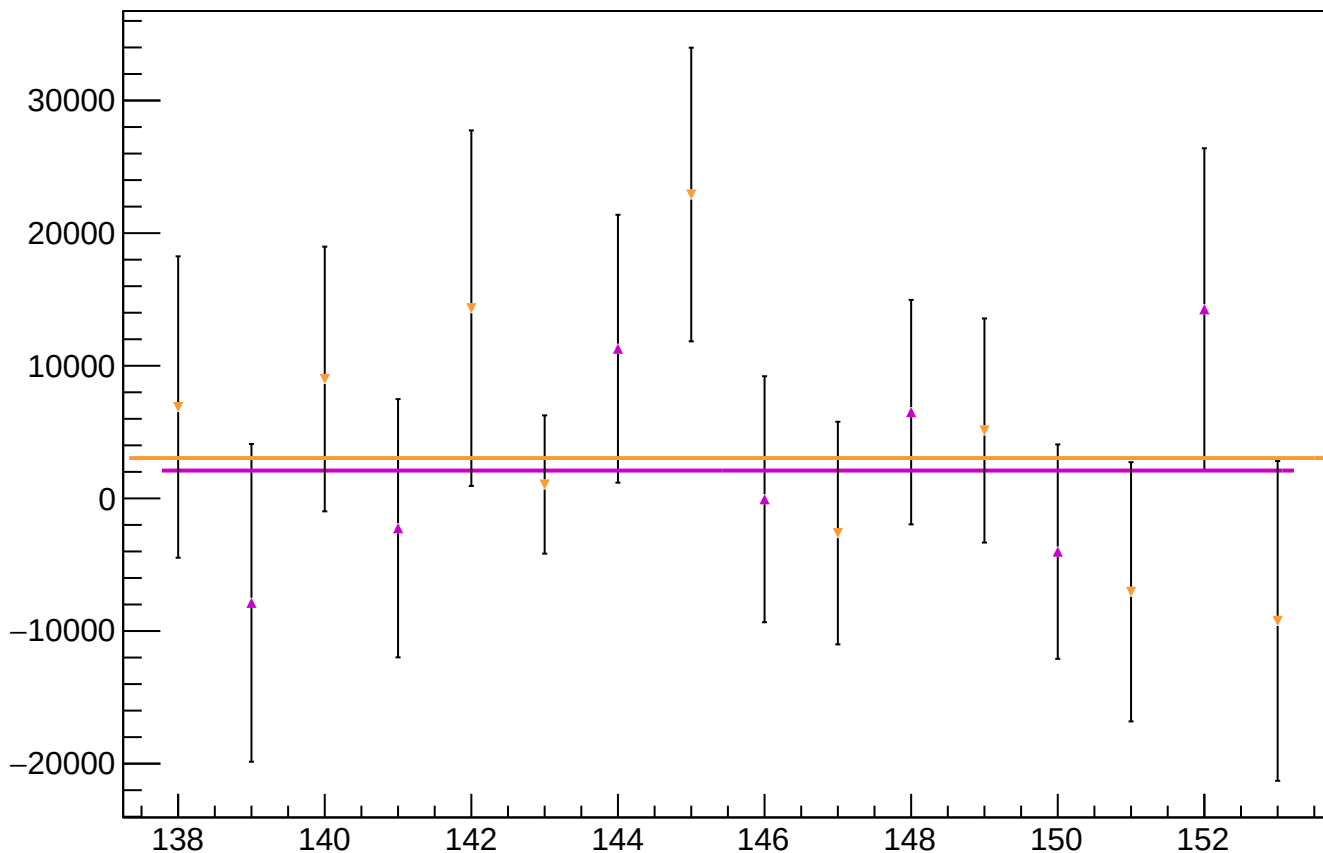
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

In: 2073.199+/-0.423 χ^2/NDF :869339.5/23

Out: 2076.968+/-0.411 χ^2/NDF :1422701.8/27

All: 2075.135+/-0.295 χ^2/NDF : 2292082.1/51

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3041.757+/-2963.288 χ^2/NDF : 7.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2098.883+/-3651.392 χ^2/NDF : 3.6/6

Left: 2667.354+/-2300.919 χ^2/NDF : 10.8/15

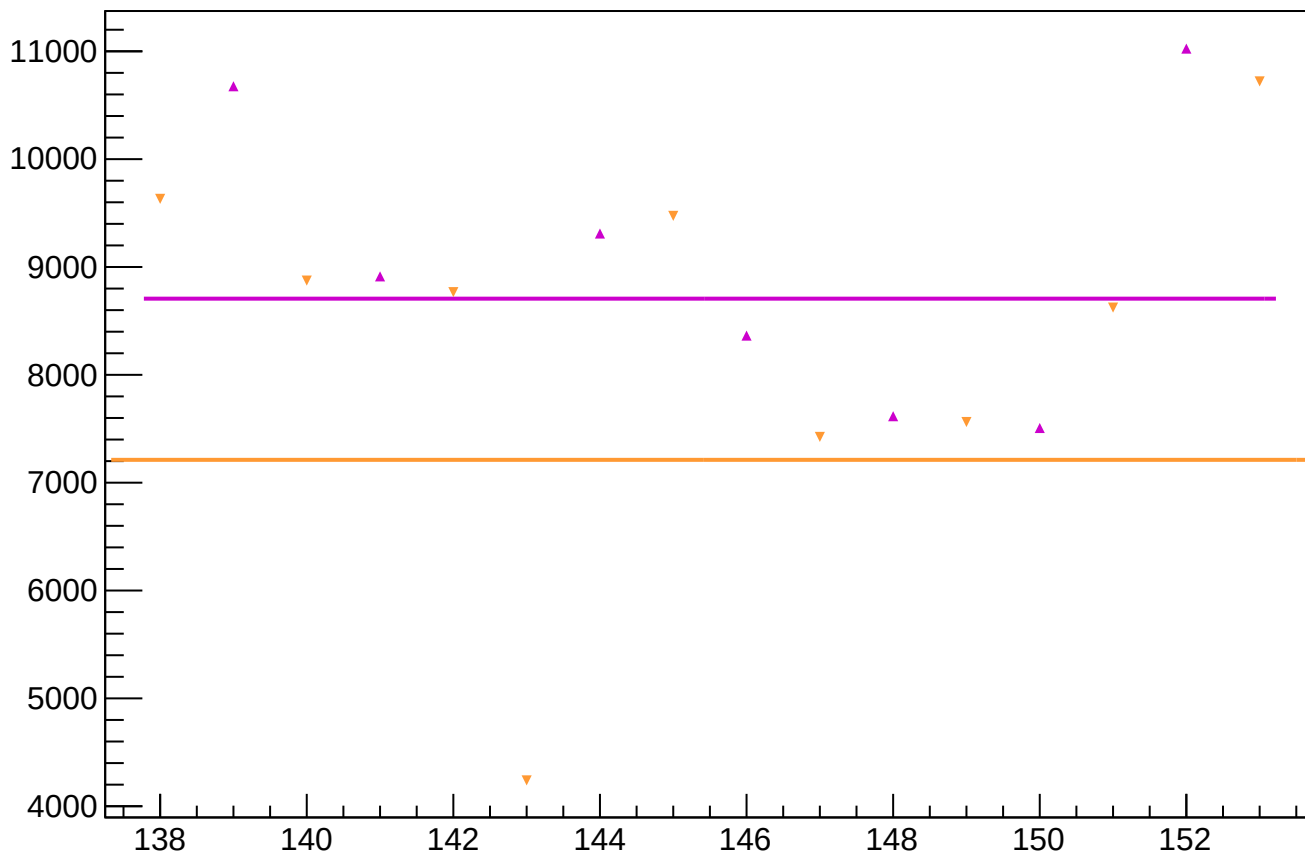
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2098.883+/-3651.392 χ^2/NDF : 3.6/6

Out: 3041.757+/-2963.288 χ^2/NDF : 7.2/8

All: 2667.354+/-2300.919 χ^2/NDF : 10.8/15

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7211.826+/-2.095 χ^2/NDF :1122972.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8706.432+/-2.582 χ^2/NDF :215008.8/6

Left: 7805.314+/-1.627 χ^2/NDF : 1540013.9/15

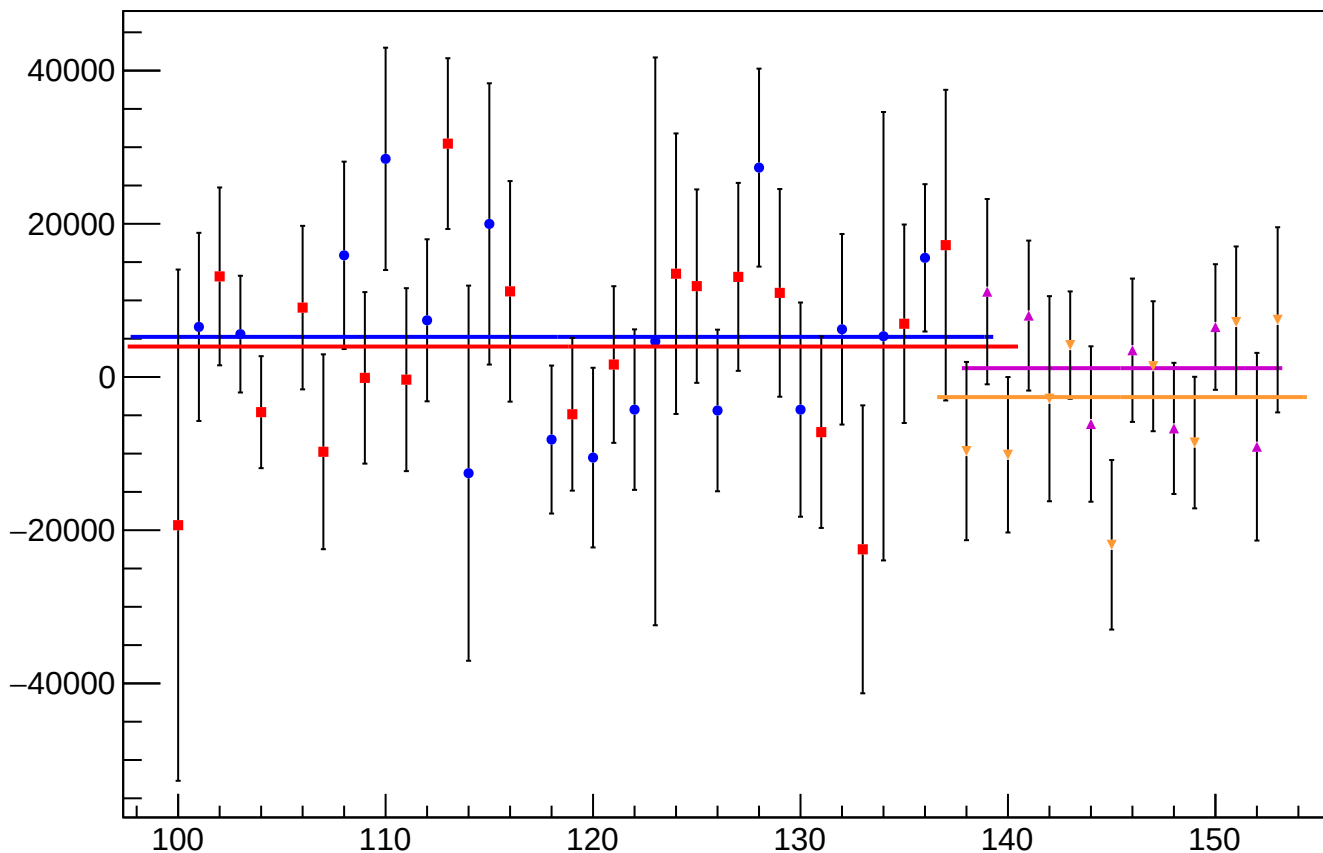
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8706.432+/-2.582 χ^2/NDF :215008.8/6

Out: 7211.826+/-2.095 χ^2/NDF :1122972.9/8

All: 7805.314+/-1.627 χ^2/NDF : 1540013.9/15

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554 $\pm$ 2946.164 χ^2 /NDF: 14.5/16

Left Out: -2623.106 $\pm$ 3230.961 χ^2 /NDF: 7.3/8

Right Out: 3976.061 $\pm$ 2790.421 χ^2 /NDF: 15.6/18

Left In: 1155.034 $\pm$ 3686.151 χ^2 /NDF: 3.7/6

Left: -981.589 $\pm$ 2429.723 χ^2 /NDF: 11.6/15

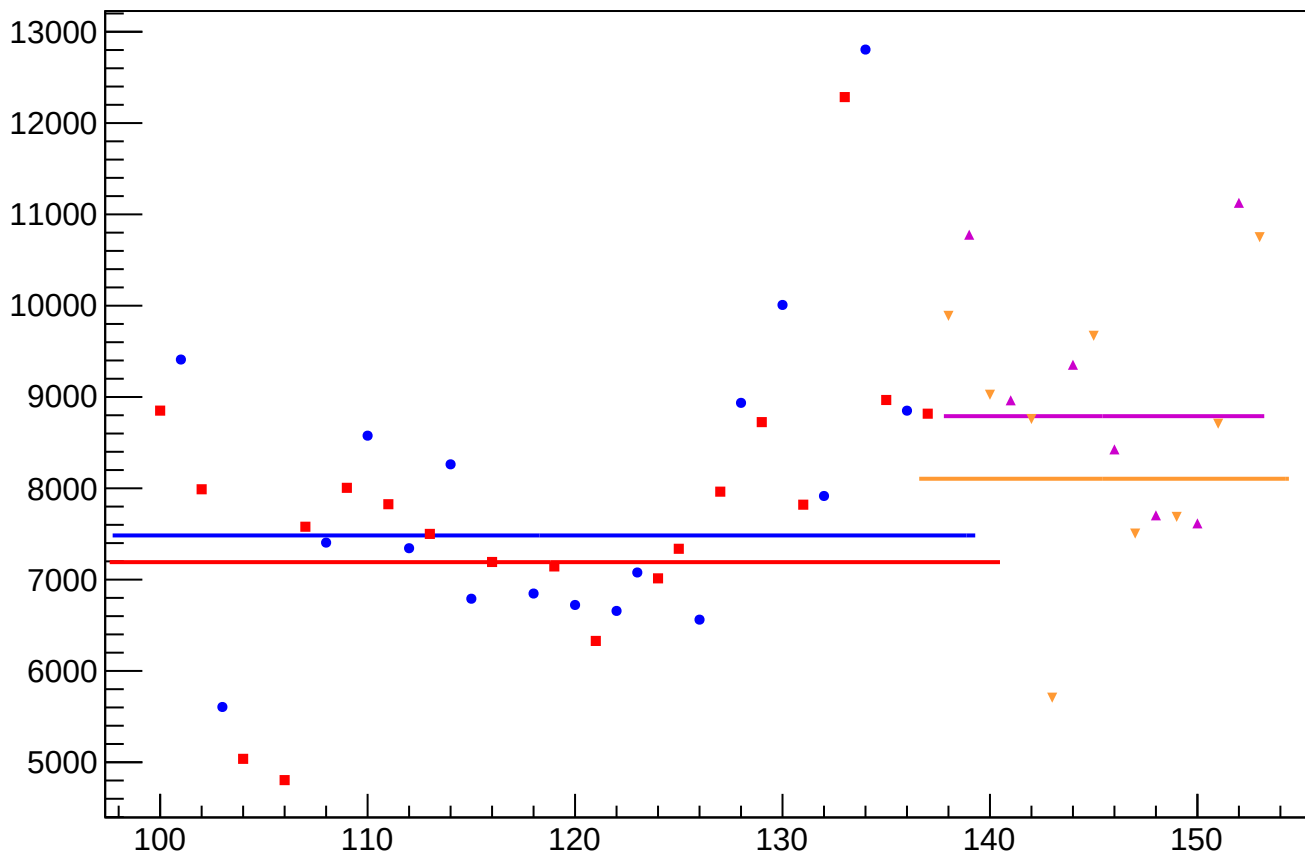
Right: 4573.057 $\pm$ 2025.948 χ^2 /NDF: 30.2/35

In: 3646.802 $\pm$ 2301.407 χ^2 /NDF: 19.0/23

Out: 1156.719 $\pm$ 2111.840 χ^2 /NDF: 25.3/27

All: 2294.999 $\pm$ 1556.005 χ^2 /NDF: 44.9/51

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785 $\pm$ 2.083 χ^2/NDF : 431806.2/16

Left Out: 8104.656 $\pm$ 2.285 χ^2/NDF :460528.3/8

Right Out: 7191.451 $\pm$ 1.973 χ^2/NDF : 558753.1/18

Left In: 8790.120 $\pm$ 2.607 χ^2/NDF :209763.6/6

Left: 8402.475 $\pm$ 1.718 χ^2/NDF : 709403.1/15

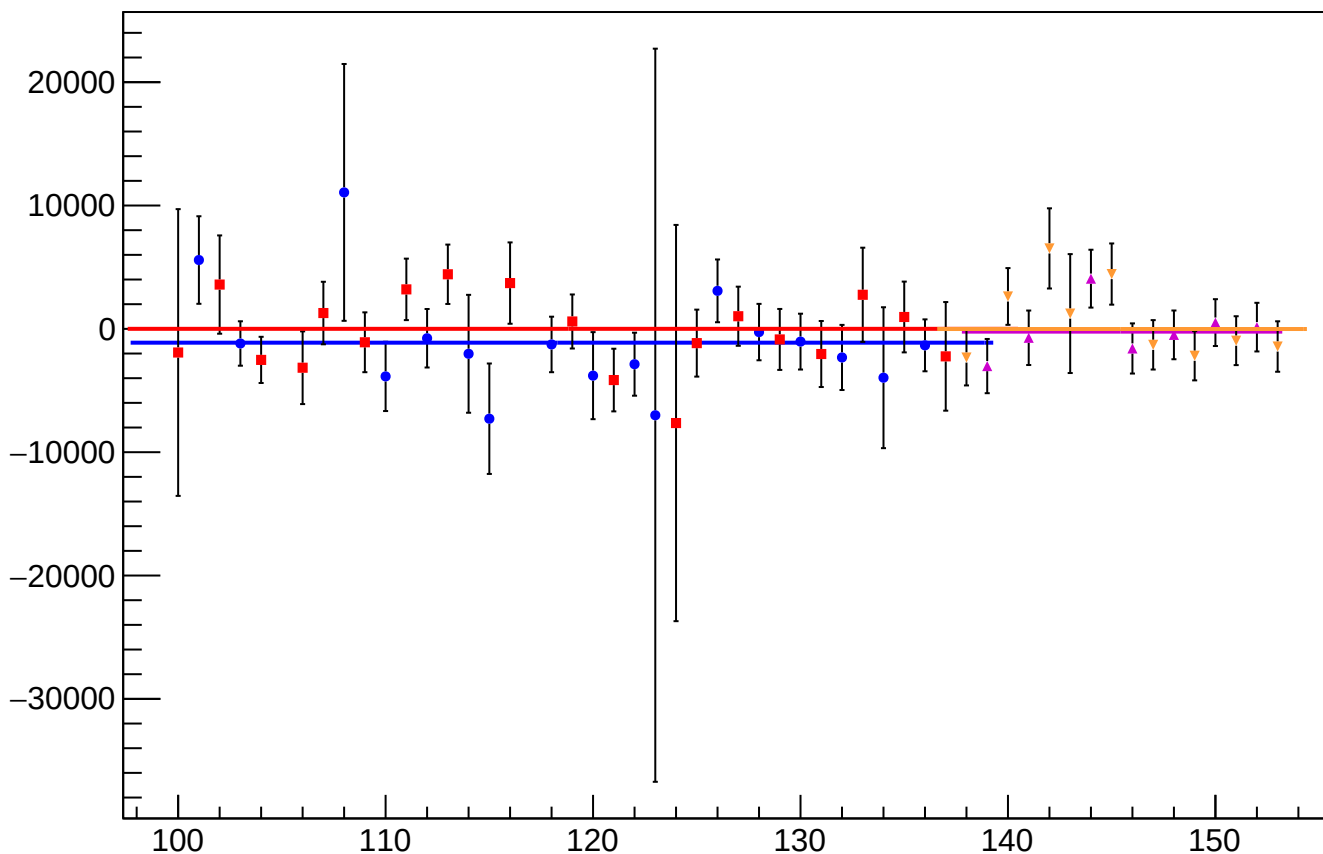
Right: 7329.673 $\pm$ 1.432 χ^2/NDF : 1000940.7/35

In: 7992.977 $\pm$ 1.627 χ^2/NDF :794845.8/23

Out: 7581.540 $\pm$ 1.493 χ^2/NDF :1110805.0/27

All: 7769.606 $\pm$ 1.100 χ^2/NDF : 1940355.4/51

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496 $\pm$ 679.161 χ^2 /NDF: 12.3/16

Left Out: -12.346 $\pm$ 771.935 χ^2 /NDF:12.0/8

Right Out: 2.515 $\pm$ 639.678 χ^2 /NDF: 15.5/18

Left In: -224.847 $\pm$ 784.173 χ^2 /NDF:5.7/6

Left: -116.925 $\pm$ 550.116 χ^2 /NDF: 17.7/15

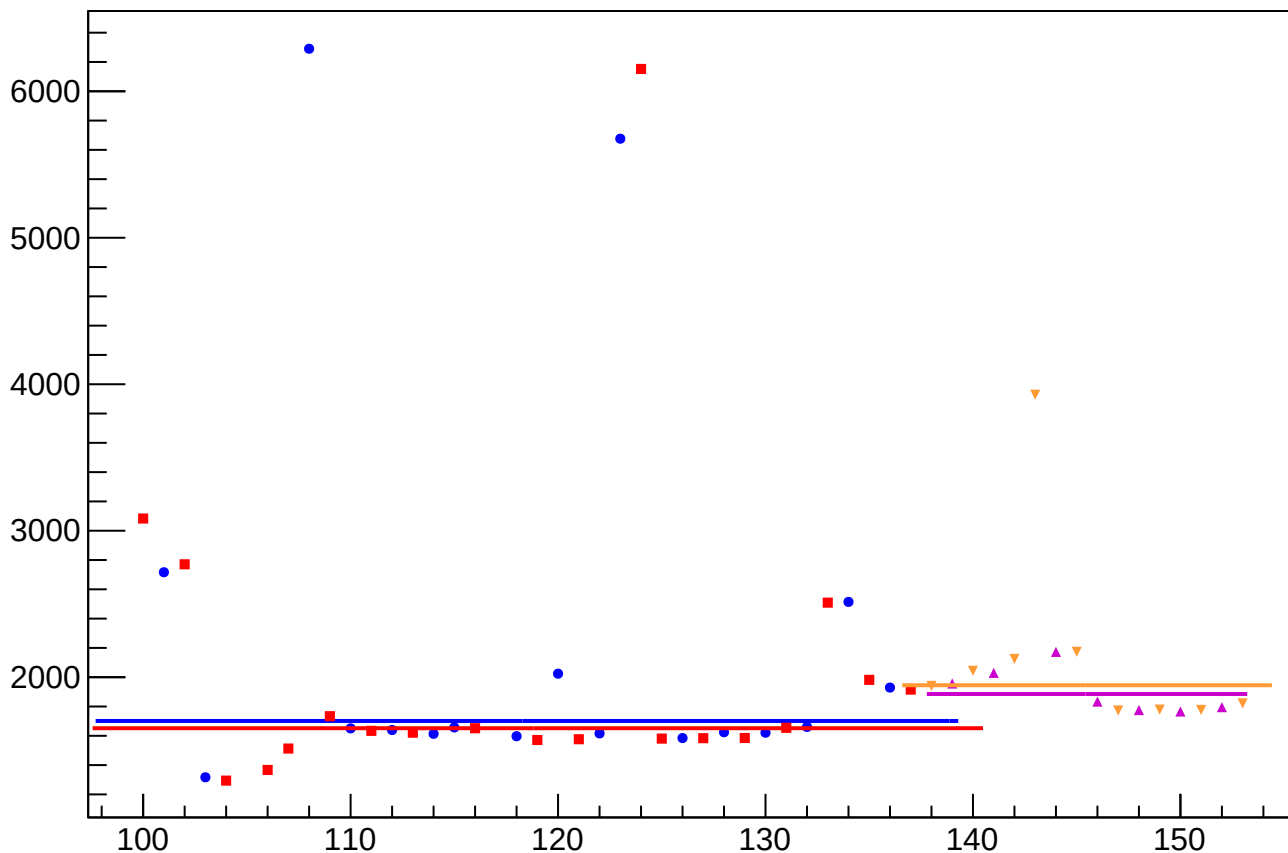
Right: -525.400 $\pm$ 465.654 χ^2 /NDF: 29.2/35

In: -736.616 $\pm$ 513.382 χ^2 /NDF:18.7/23

Out: -3.535 $\pm$ 492.542 χ^2 /NDF:27.5/27

All: -354.894 $\pm$ 355.419 χ^2 /NDF: 47.2/51

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283+/-0.480 χ^2/NDF : 778718.7/16

Left Out: 1945.189+/-0.546 χ^2/NDF : 415764.8/8

Right Out: 1651.734+/-0.452 χ^2/NDF : 588842.2/18

Left In: 1885.235+/-0.554 χ^2/NDF : 60249.7/6

Left: 1915.684+/-0.389 χ^2/NDF : 481951.8/15

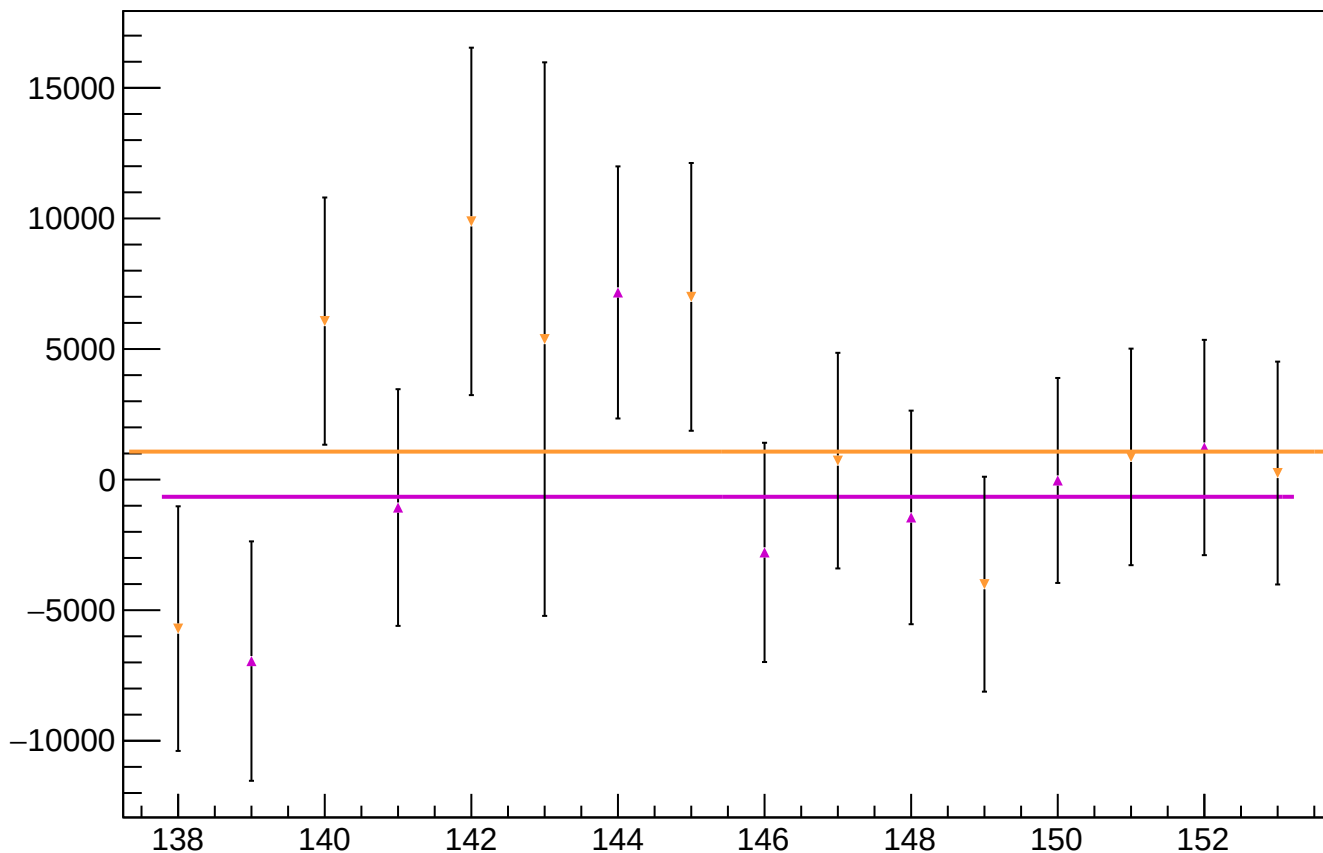
Right: 1675.026+/-0.329 χ^2/NDF : 1373201.9/35

In: 1780.126+/-0.363 χ^2/NDF : 901854.5/23

Out: 1771.206+/-0.348 χ^2/NDF : 1175970.1/27

All: 1775.481+/-0.251 χ^2/NDF : 2078138.9/51

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1072.223+/-1600.012 χ^2/NDF : 8.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -657.740+/-1623.150 χ^2/NDF : 5.0/6

Left: 219.660+/-1139.472 χ^2/NDF : 13.7/15

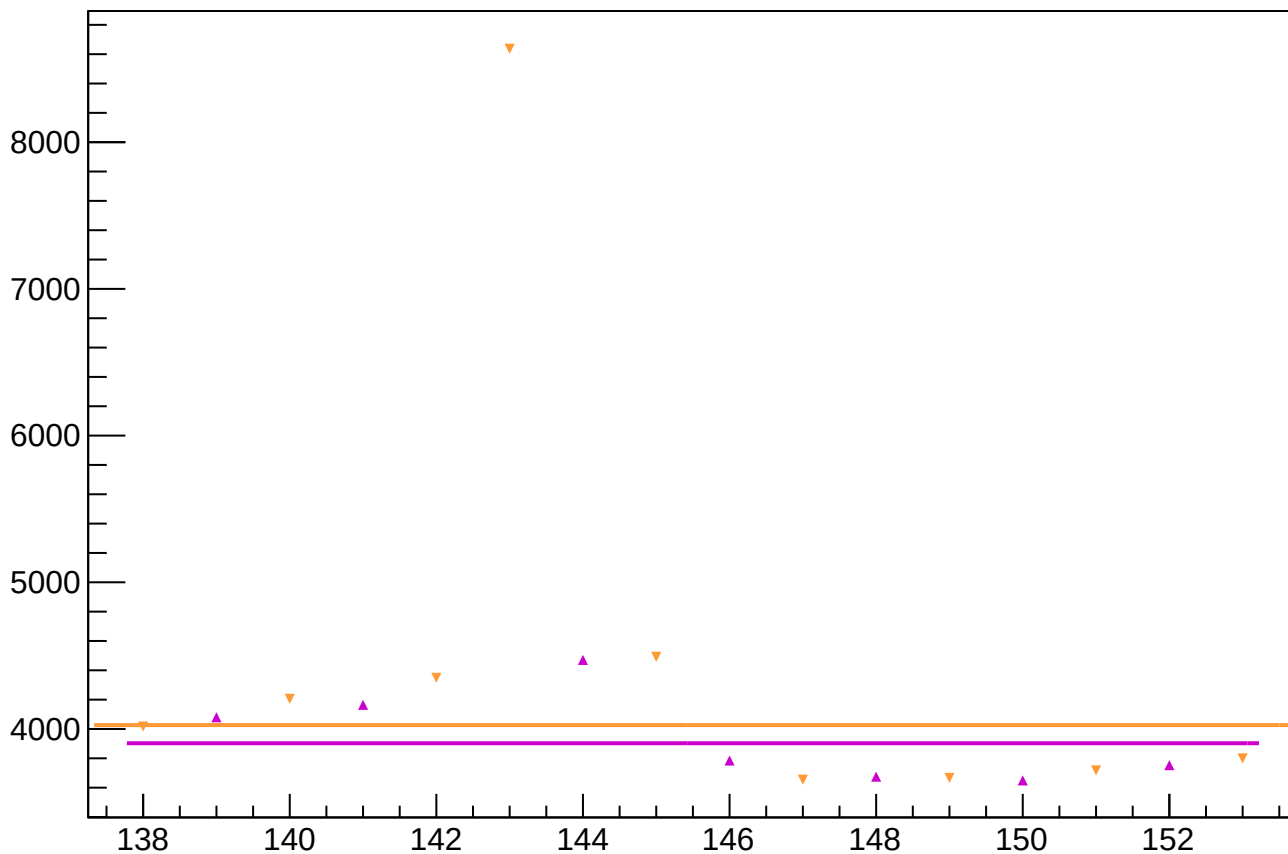
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -657.740+/-1623.150 χ^2/NDF : 5.0/6

Out: 1072.223+/-1600.012 χ^2/NDF : 8.0/8

All: 219.660+/-1139.472 χ^2/NDF : 13.7/15

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4026.539+/-1.131 χ^2/NDF :450882.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3902.910+/-1.148 χ^2/NDF :56105.6/6

Left: 3965.612+/-0.806 χ^2/NDF : 512872.5/15

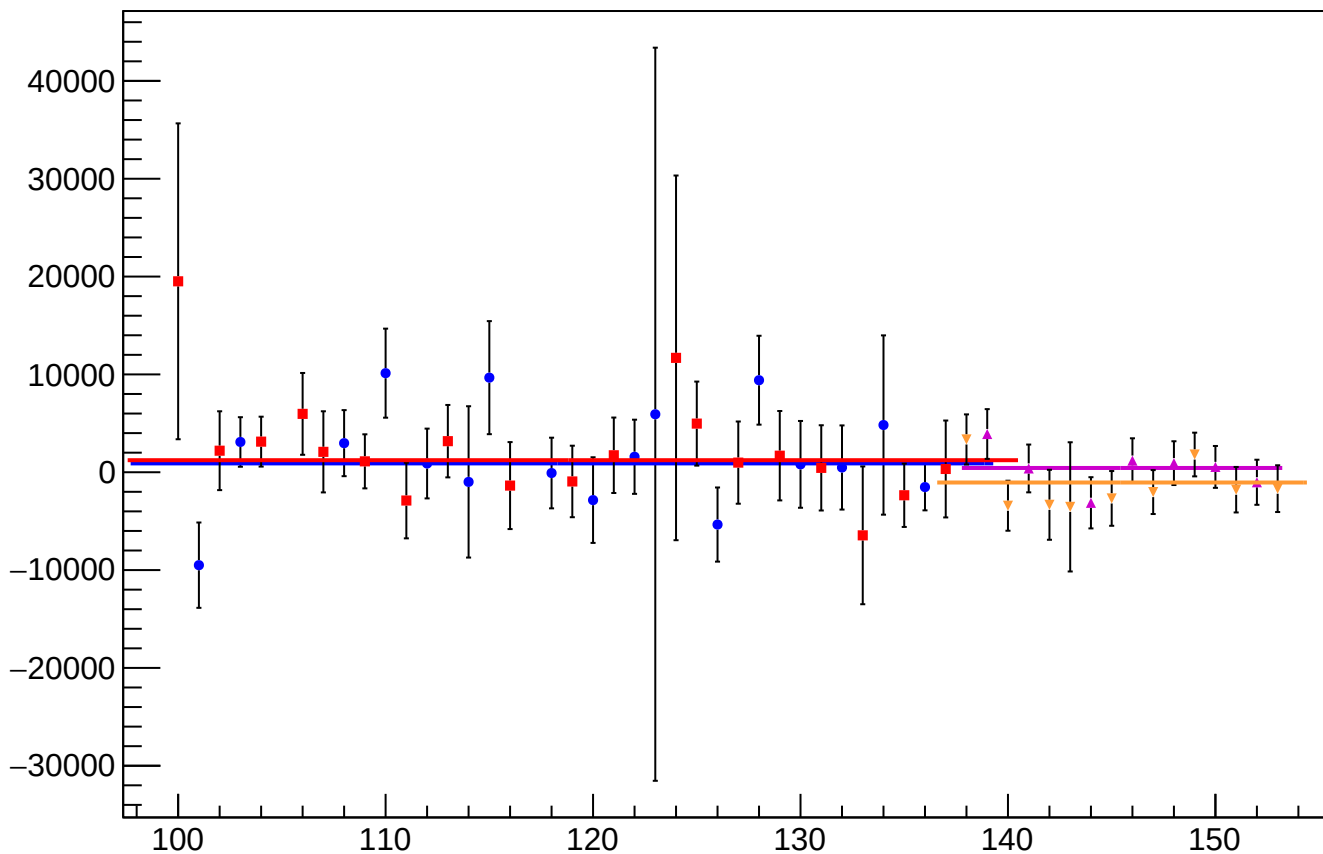
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3902.910+/-1.148 χ^2/NDF :56105.6/6

Out: 4026.539+/-1.131 χ^2/NDF :450882.3/8

All: 3965.612+/-0.806 χ^2/NDF : 512872.5/15

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274 $\pm$ 961.918 χ^2/NDF : 21.6/16

Left Out: -1049.306 $\pm$ 879.229 χ^2/NDF : 6.7/8

Right Out: 1231.015 $\pm$ 925.029 χ^2/NDF : 8.9/18

Left In: 436.622 $\pm$ 888.564 χ^2/NDF : 4.3/6

Left: -314.189 $\pm$ 624.983 χ^2/NDF : 12.4/15

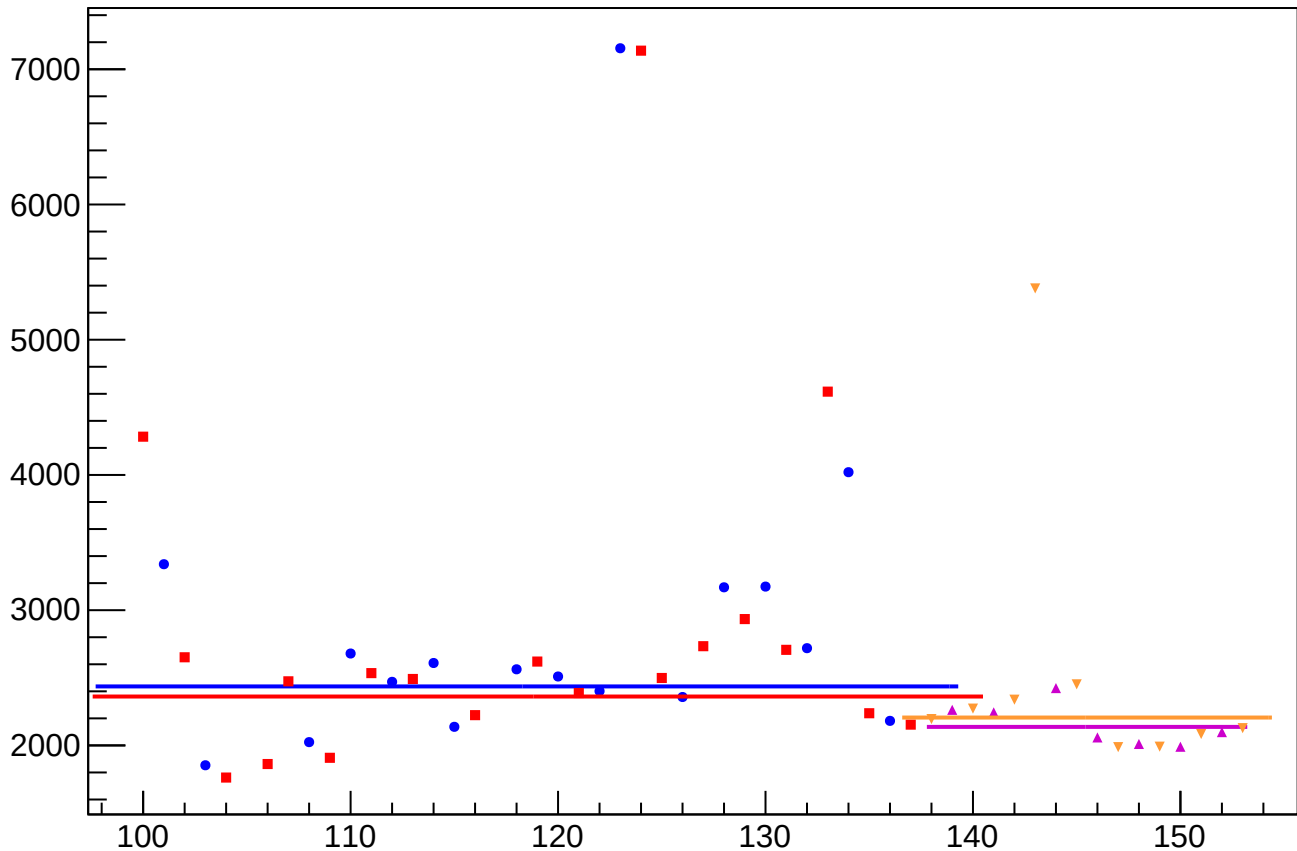
Right: 1073.549 $\pm$ 666.754 χ^2/NDF : 30.6/35

In: 651.479 $\pm$ 652.704 χ^2/NDF : 26.0/23

Out: 33.006 $\pm$ 637.285 χ^2/NDF : 18.8/27

All: 334.851 $\pm$ 455.982 χ^2/NDF : 45.3/51

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256+/-0.680 χ^2/NDF : 468552.3/16

Left Out: 2206.134+/-0.622 χ^2/NDF : 526609.8/8

Right Out: 2361.558+/-0.654 χ^2/NDF : 655845.9/18

Left In: 2136.951+/-0.628 χ^2/NDF : 51513.0/6

Left: 2171.907+/-0.442 χ^2/NDF : 584248.9/15

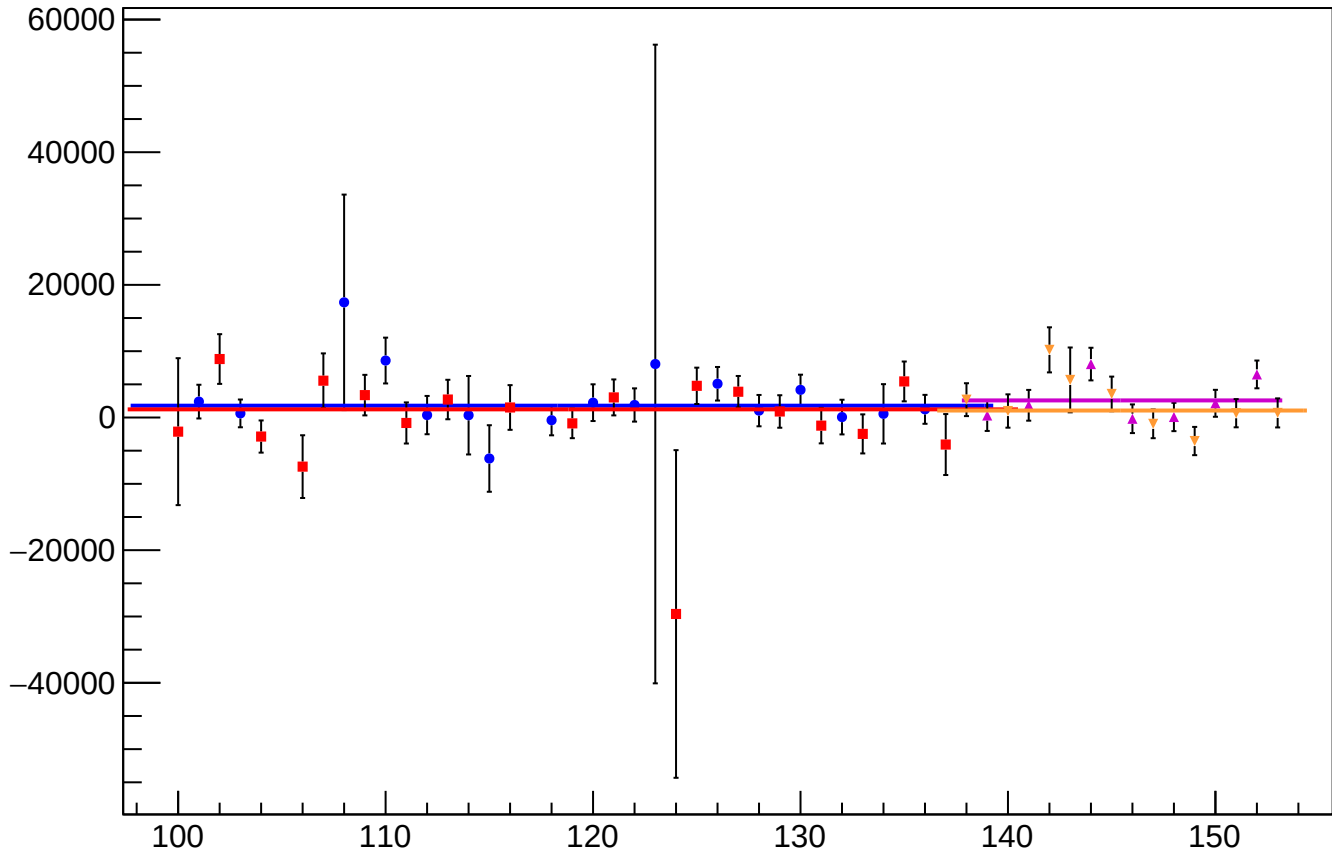
Right: 2397.448+/-0.471 χ^2/NDF : 1130664.2/35

In: 2274.758+/-0.462 χ^2/NDF : 624546.8/23

Out: 2279.903+/-0.451 χ^2/NDF : 1212119.5/27

All: 2277.392+/-0.322 χ^2/NDF : 1836729.9/51

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505 $\pm$ 694.403 χ^2 /NDF: 12.4/16

Left Out: 1055.294 $\pm$ 827.764 χ^2 /NDF:15.1/8

Right Out: 1229.293 $\pm$ 708.144 χ^2 /NDF: 24.2/18

Left In: 2579.005 $\pm$ 833.624 χ^2 /NDF:12.6/6

Left: 1811.775 $\pm$ 587.378 χ^2 /NDF: 29.3/15

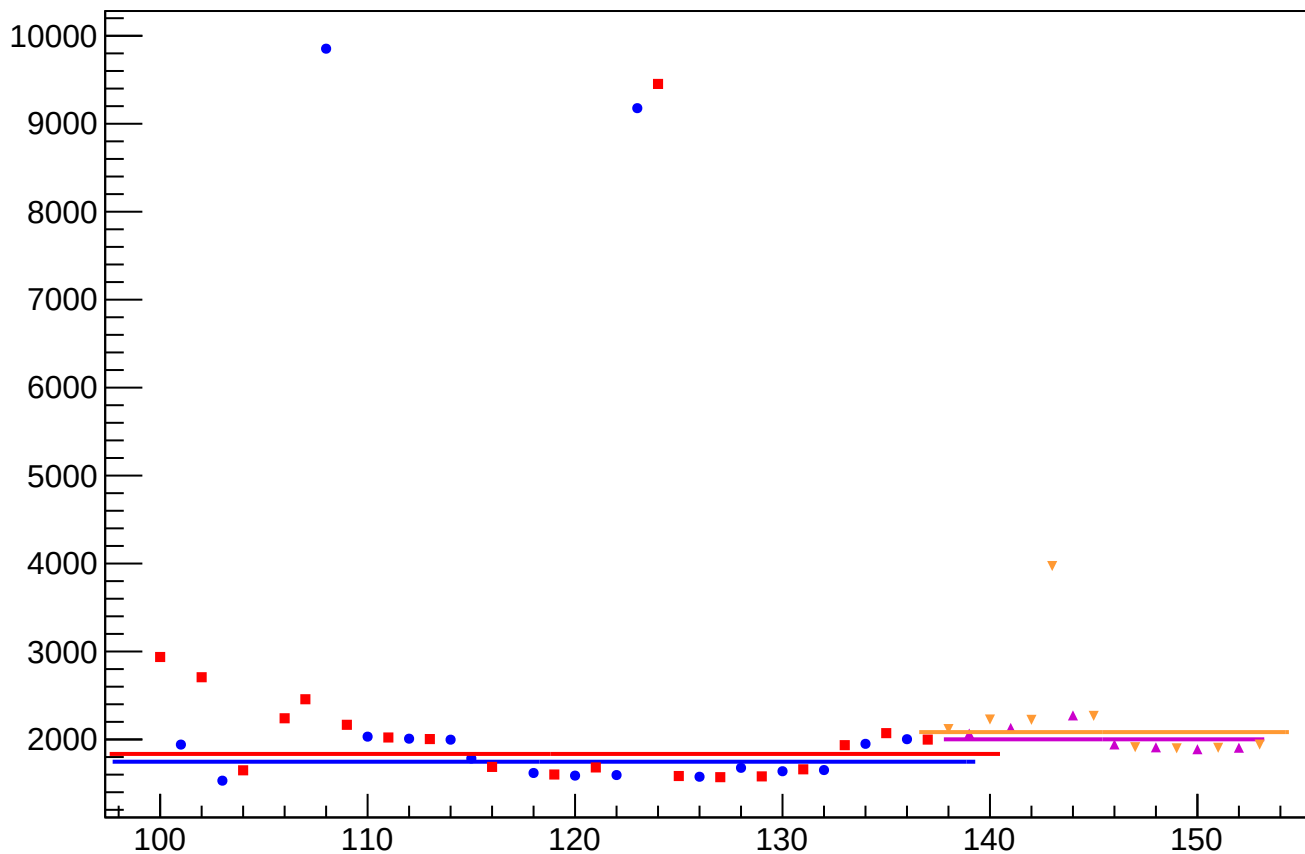
Right: 1511.828 $\pm$ 495.804 χ^2 /NDF: 37.0/35

In: 2109.373 $\pm$ 533.545 χ^2 /NDF:25.5/23

Out: 1155.763 $\pm$ 538.102 χ^2 /NDF:39.3/27

All: 1636.624 $\pm$ 378.874 χ^2 /NDF: 66.4/51

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1746.836+/-0.491 χ^2/NDF : 682484.5/16

Left Out: 2083.644+/-0.585 χ^2/NDF : 368502.9/8

Right Out: 1835.413+/-0.500 χ^2/NDF : 550402.9/18

Left In: 2001.413+/-0.589 χ^2/NDF : 47627.9/6

Left: 2042.818+/-0.415 χ^2/NDF : 425929.7/15

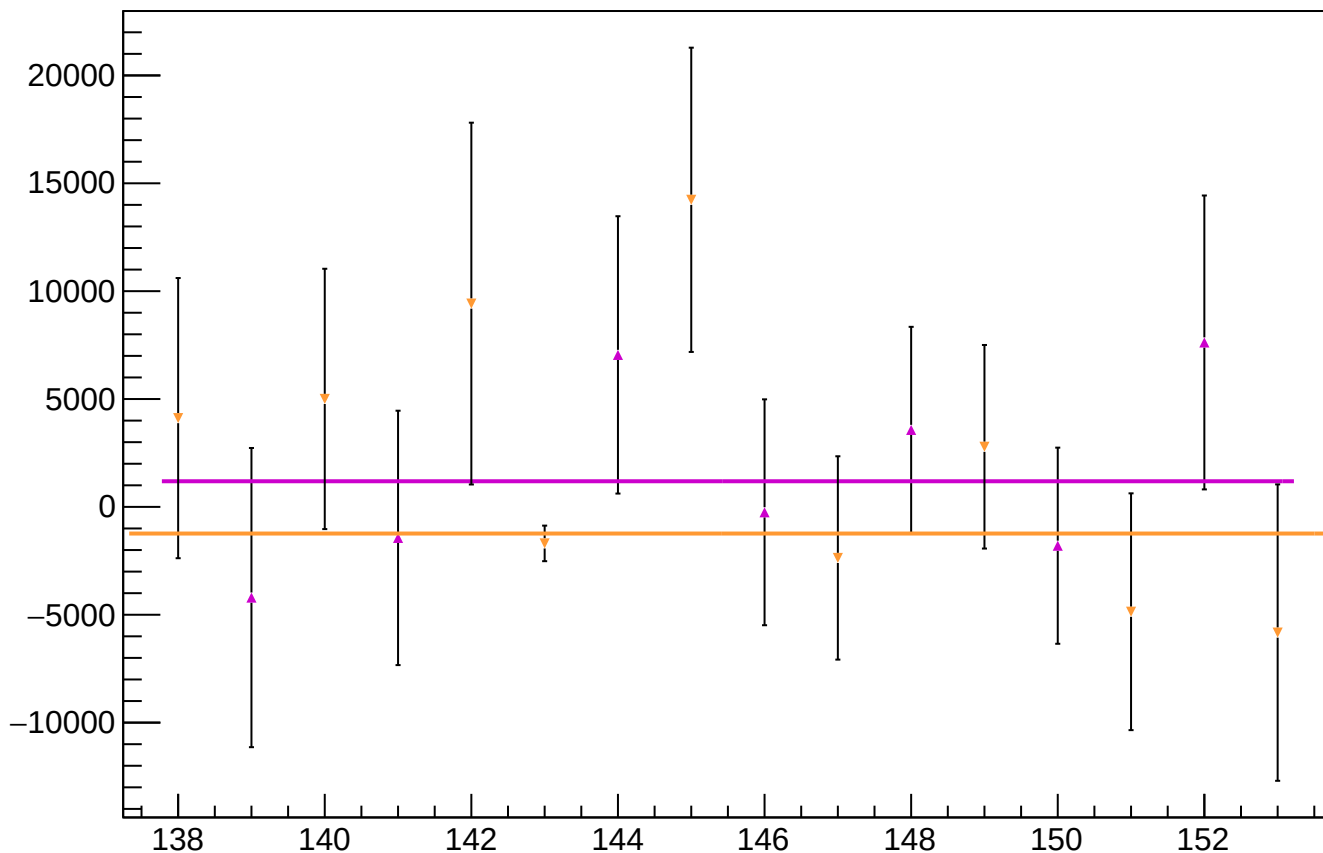
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

In: 1851.121+/-0.377 χ^2/NDF : 840226.7/23

Out: 1940.167+/-0.380 χ^2/NDF : 1022862.5/27

All: 1895.296+/-0.268 χ^2/NDF : 1890725.9/51

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1235.184+/-766.621 χ^2/NDF :10.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1188.298+/-2112.857 χ^2/NDF :3.3/6

Left: -953.249+/-720.651 χ^2/NDF : 14.6/15

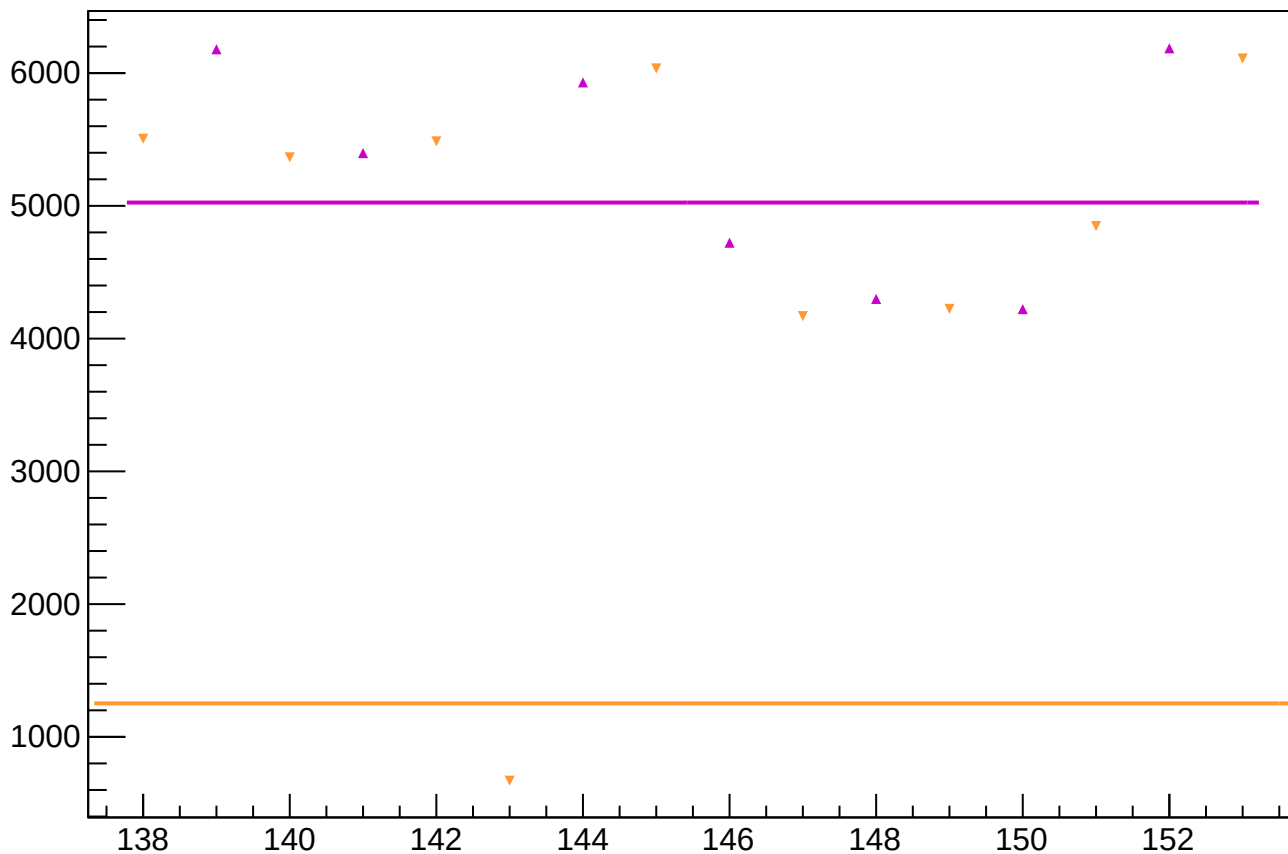
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1188.298+/-2112.857 χ^2/NDF :3.3/6

Out: -1235.184+/-766.621 χ^2/NDF :10.2/8

All: -953.249+/-720.651 χ^2/NDF : 14.6/15

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1252.256+/-0.542 χ^2/NDF : 7633565.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5024.944+/-1.494 χ^2/NDF : 276470.3/6

Left: 1691.151+/-0.510 χ^2/NDF : 13544846.4/15

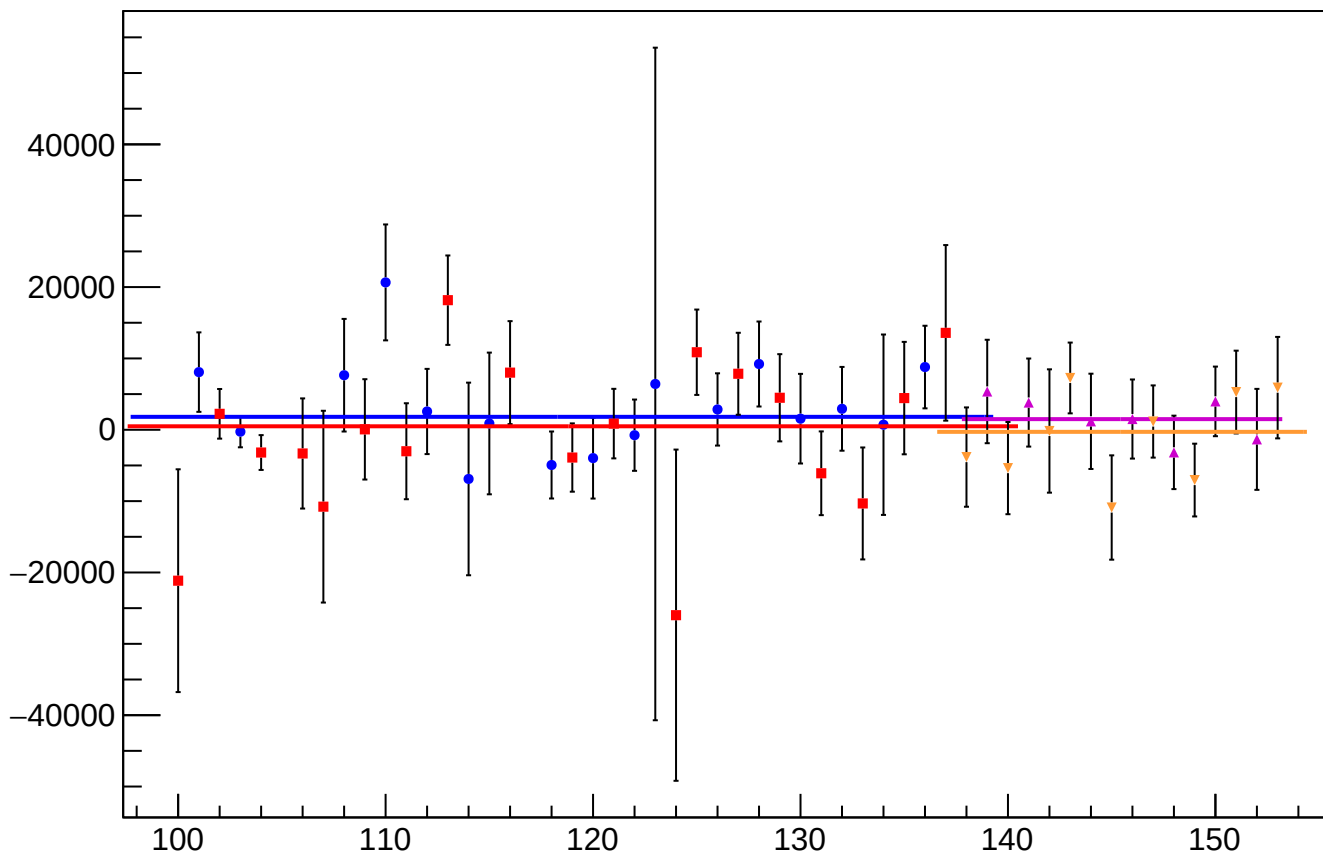
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5024.944+/-1.494 χ^2/NDF : 276470.3/6

Out: 1252.256+/-0.542 χ^2/NDF : 7633565.0/8

All: 1691.151+/-0.510 χ^2/NDF : 13544846.4/15

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267+/-1301.312 χ^2/NDF : 15.0/16

Left Out: -289.171+/-2022.982 χ^2/NDF : 8.8/8

Right Out: 488.360+/-1286.073 χ^2/NDF : 26.5/18

Left In: 1493.182+/-2235.943 χ^2/NDF : 1.7/6

Left: 513.104+/-1500.119 χ^2/NDF : 10.8/15

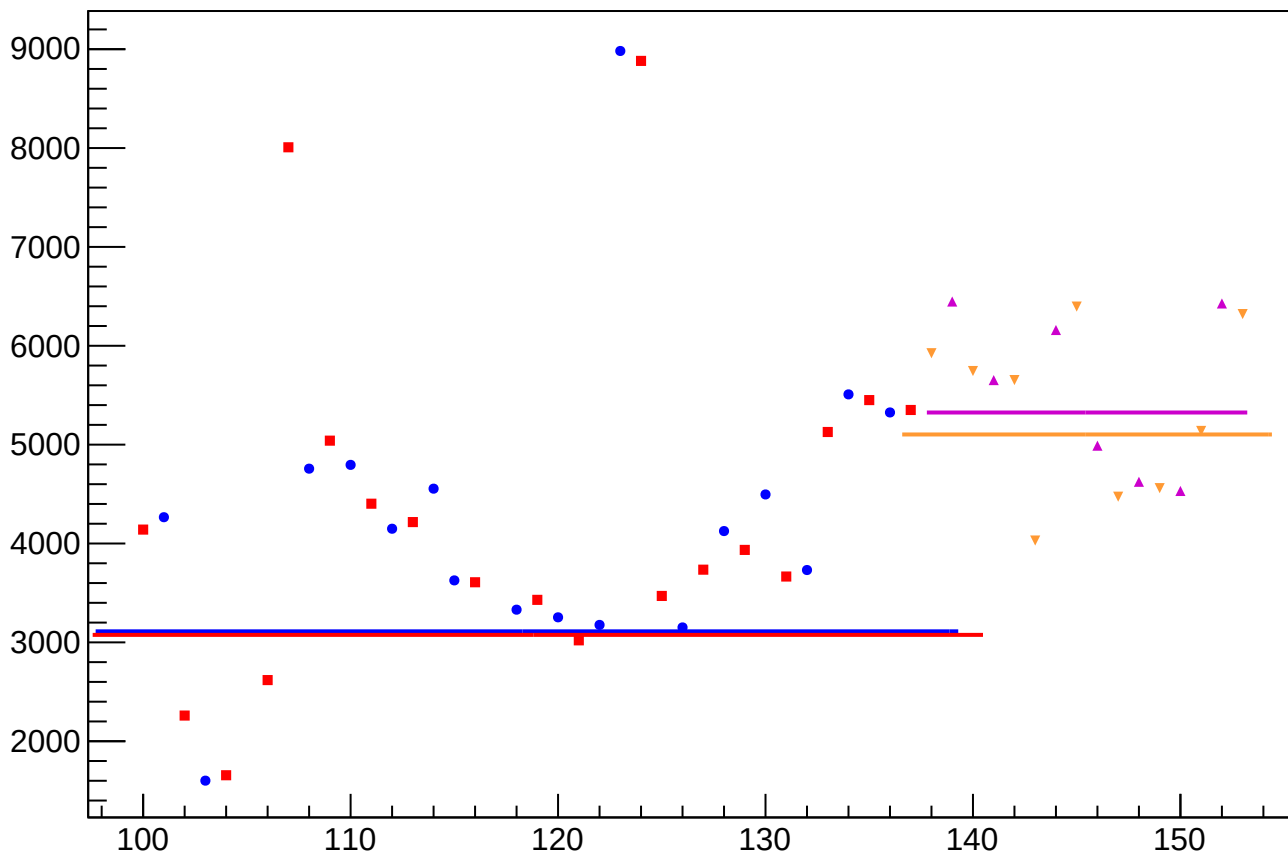
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

In: 1733.027+/-1124.699 χ^2/NDF : 16.7/23

Out: 264.565+/-1085.321 χ^2/NDF : 35.4/27

All: 972.639+/-780.988 χ^2/NDF : 53.0/51

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560+/-0.920 χ^2/NDF : 1878991.5/16

Left Out: 5102.886+/-1.430 χ^2/NDF : 324260.9/8

Right Out: 3075.800+/-0.896 χ^2/NDF : 2009557.4/18

Left In: 5325.010+/-1.581 χ^2/NDF : 230786.0/6

Left: 5202.869+/-1.061 χ^2/NDF : 565900.3/15

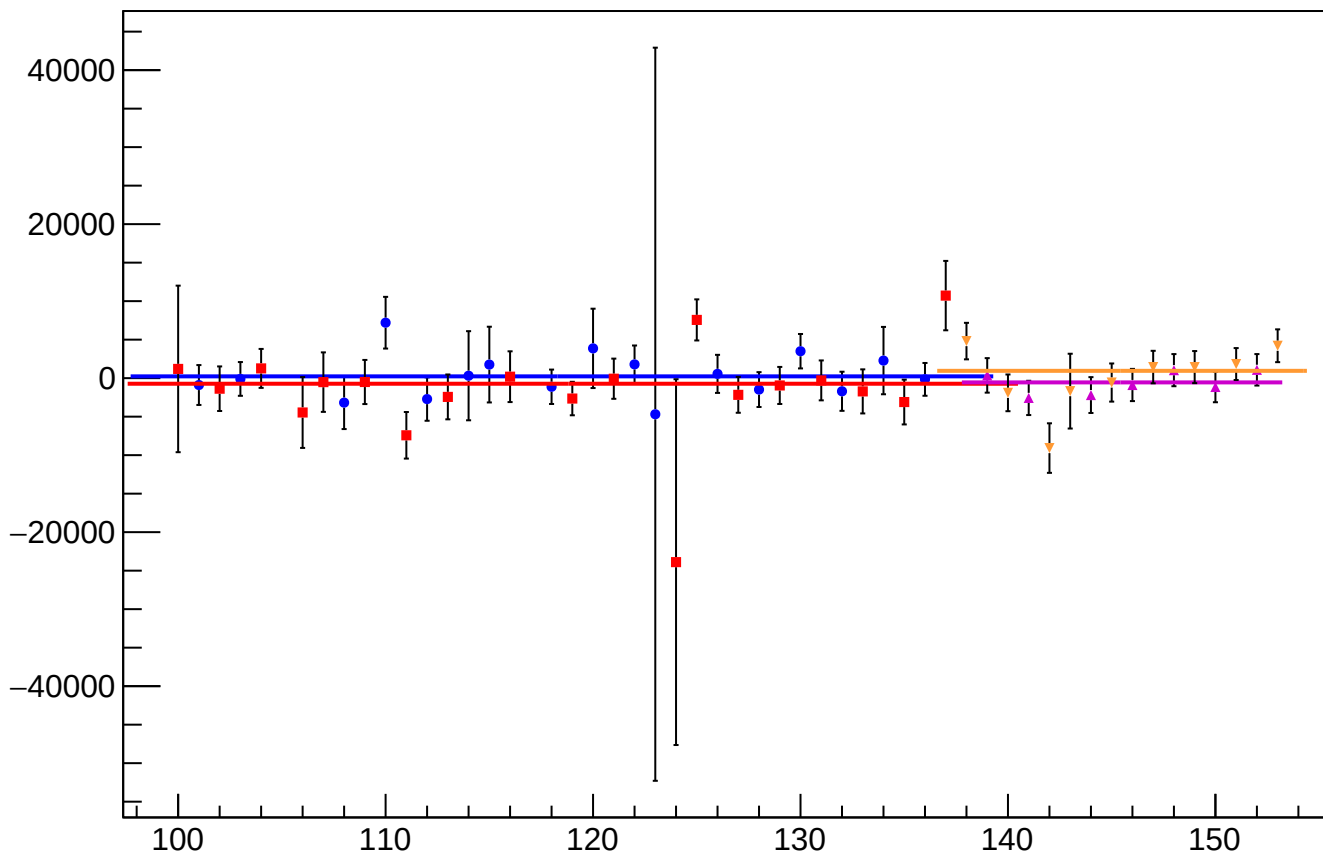
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

In: 3671.598+/-0.795 χ^2/NDF : 3573838.7/23

Out: 3647.211+/-0.759 χ^2/NDF : 3775875.8/27

All: 3658.843+/-0.549 χ^2/NDF : 7350206.3/51

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323 $\pm$ 686.786 χ^2 /NDF: 11.5/16

Left Out: 949.945 $\pm$ 799.619 χ^2 /NDF:17.1/8

Right Out: -726.169 $\pm$ 684.175 χ^2 /NDF: 25.8/18

Left In: -552.358 $\pm$ 806.402 χ^2 /NDF:2.8/6

Left: 205.138 $\pm$ 567.799 χ^2 /NDF: 21.7/15

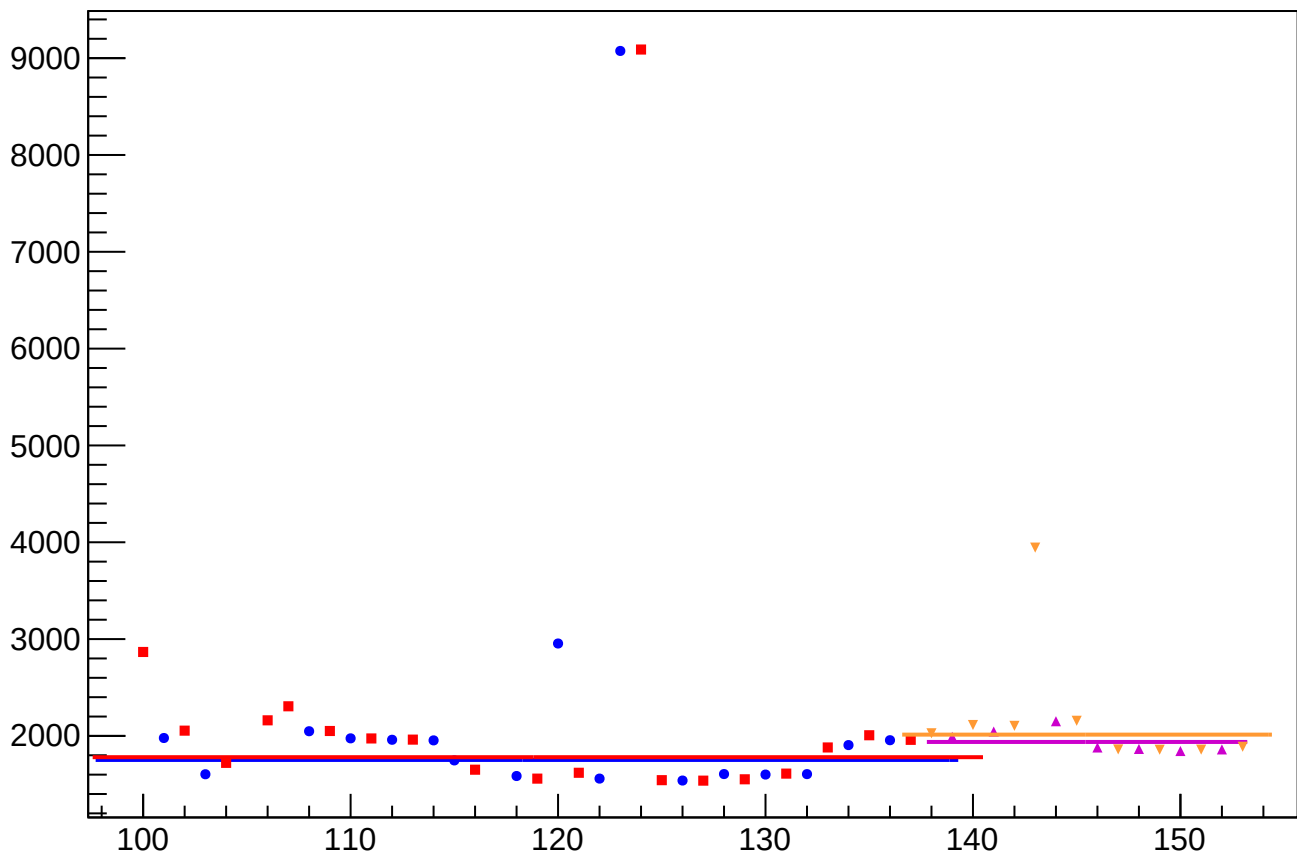
Right: -248.748 $\pm$ 484.705 χ^2 /NDF: 38.3/35

In: -97.559 $\pm$ 522.859 χ^2 /NDF:14.9/23

Out: -17.734 $\pm$ 519.854 χ^2 /NDF:45.4/27

All: -57.417 $\pm$ 368.650 χ^2 /NDF: 60.4/51

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1751.850+/-0.486 χ^2/NDF : 300898.3/16

Left Out: 2013.328+/-0.565 χ^2/NDF : 367892.2/8

Right Out: 1780.209+/-0.483 χ^2/NDF : 428327.5/18

Left In: 1937.567+/-0.570 χ^2/NDF : 33835.8/6

Left: 1975.768+/-0.401 χ^2/NDF : 410629.1/15

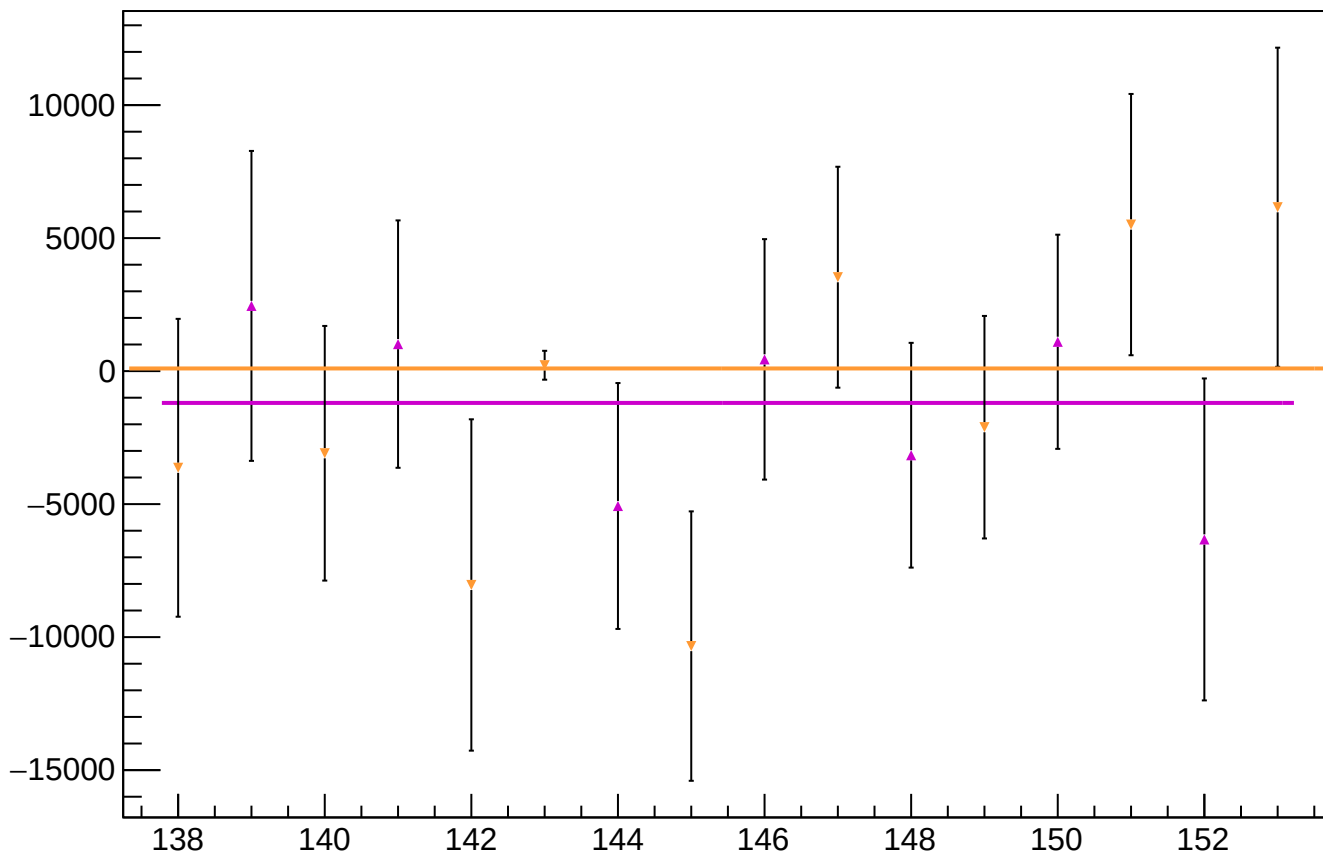
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

In: 1829.926+/-0.370 χ^2/NDF : 396217.2/23

Out: 1878.560+/-0.367 χ^2/NDF : 894492.1/27

All: 1854.405+/-0.261 χ^2/NDF : 1299418.9/51

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 99.596 $\pm$ 518.669 χ^2 /NDF:10.1/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1195.893 $\pm$ 1777.475 χ^2 /NDF:2.7/6

Left: -2.056 $\pm$ 497.904 χ^2 /NDF: 13.3/15

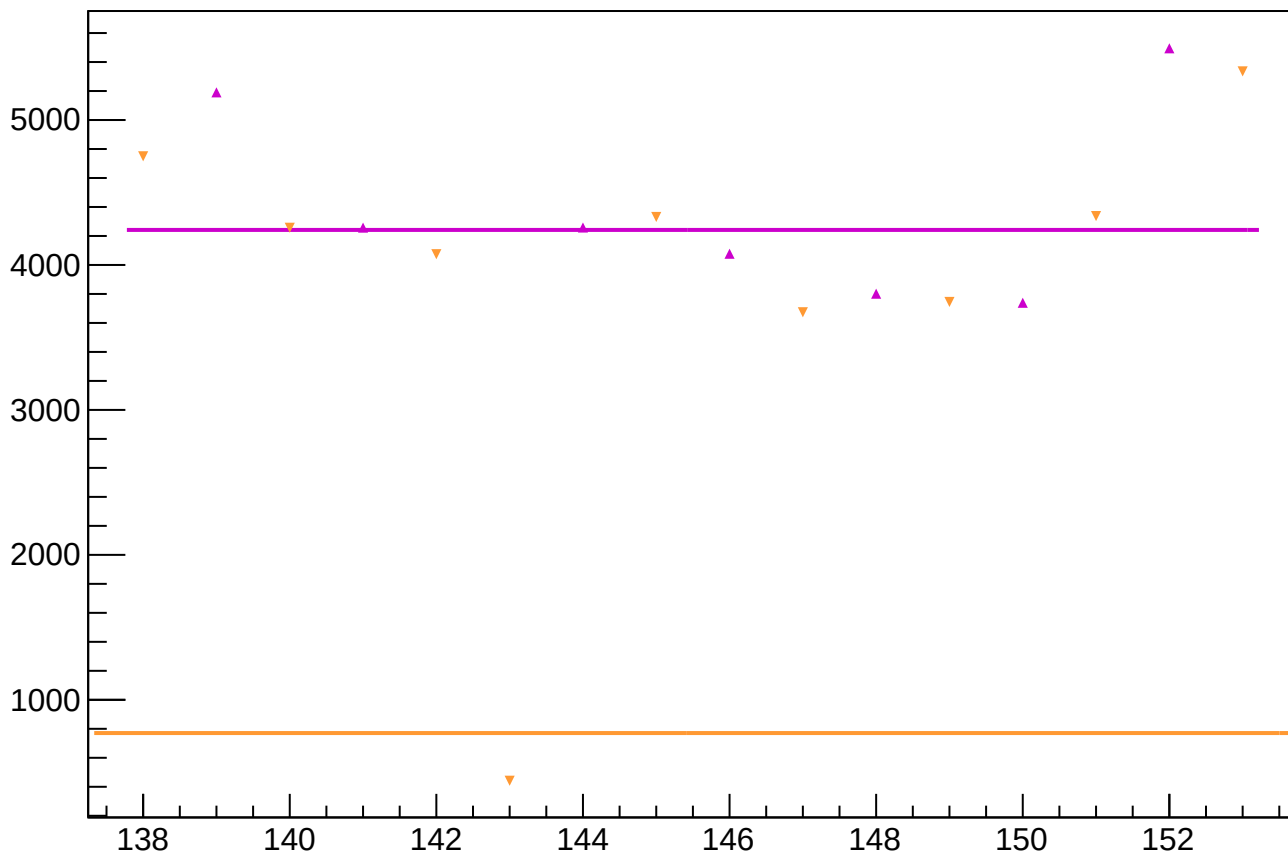
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1195.893 $\pm$ 1777.475 χ^2 /NDF:2.7/6

Out: 99.596 $\pm$ 518.669 χ^2 /NDF:10.1/8

All: -2.056 $\pm$ 497.904 χ^2 /NDF: 13.3/15

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 770.704+/-0.367 χ^2/NDF :8558125.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4241.753+/-1.257 χ^2/NDF :194364.9/6

Left: 1043.065+/-0.352 χ^2/NDF : 15780880.3/15

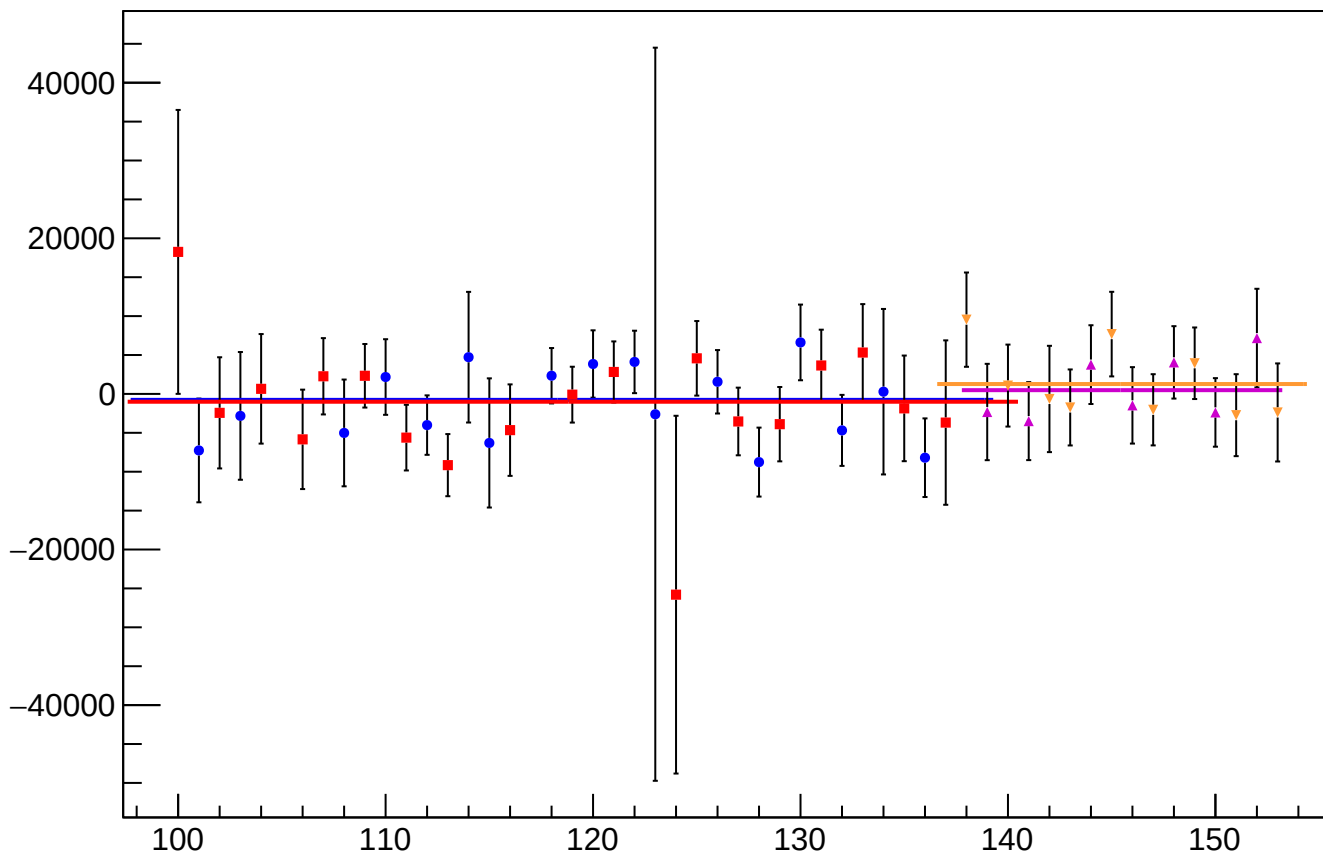
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4241.753+/-1.257 χ^2/NDF :194364.9/6

Out: 770.704+/-0.367 χ^2/NDF :8558125.7/8

All: 1043.065+/-0.352 χ^2/NDF : 15780880.3/15

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107+/-1247.704 χ^2/NDF : 15.5/16

Left Out: 1269.539+/-1776.947 χ^2/NDF : 5.5/8

Right Out: -1004.792+/-1191.116 χ^2/NDF : 15.0/18

Left In: 481.330+/-1928.279 χ^2/NDF : 3.5/6

Left: 907.574+/-1306.721 χ^2/NDF : 9.1/15

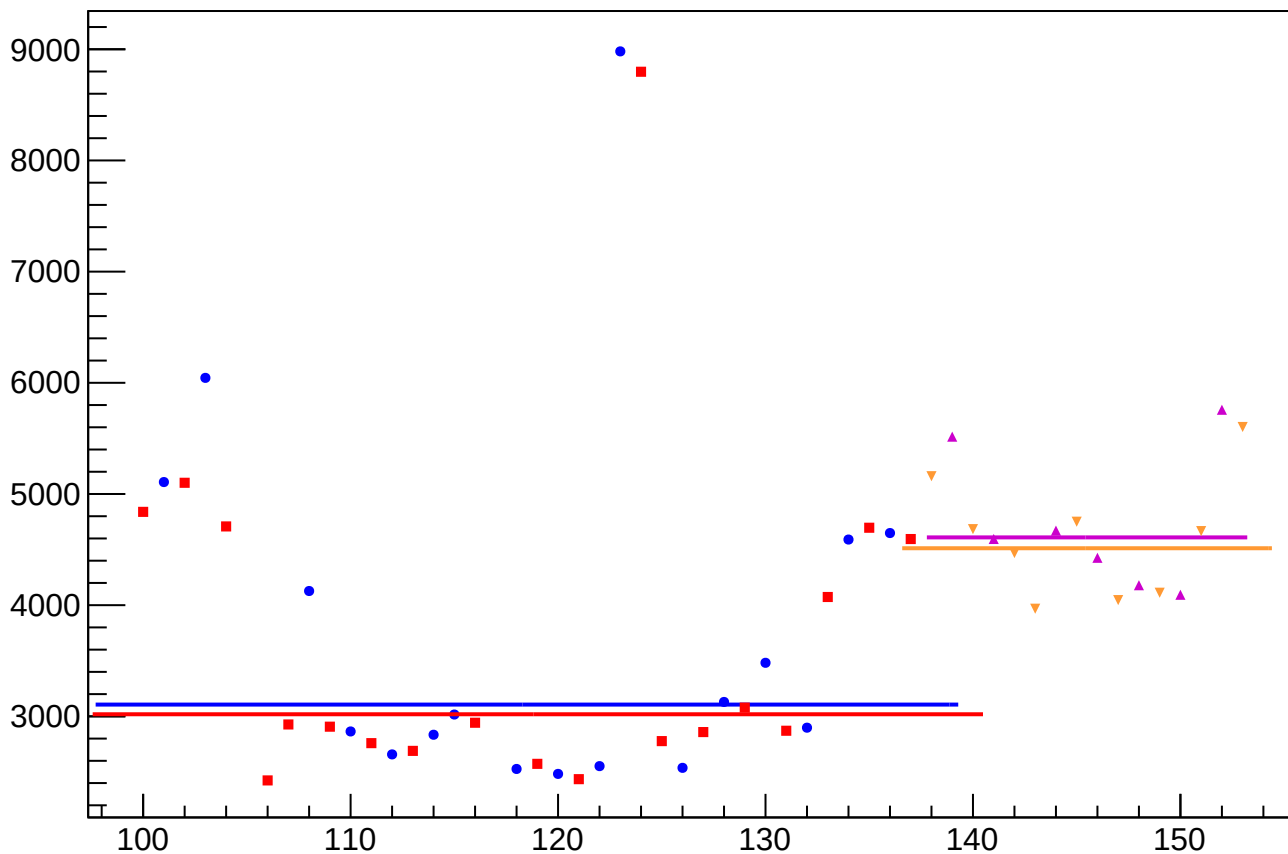
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

In: -397.259+/-1047.536 χ^2/NDF : 19.4/23

Out: -299.697+/-989.399 χ^2/NDF : 21.6/27

All: -345.695+/-719.286 χ^2/NDF : 41.0/51

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849 $\pm$ 0.882 χ^2/NDF : 959826.4/16

Left Out: 4512.027 $\pm$ 1.256 χ^2/NDF : 151234.2/8

Right Out: 3018.781 $\pm$ 0.832 χ^2/NDF : 794275.0/18

Left In: 4609.563 $\pm$ 1.363 χ^2/NDF : 156085.5/6

Left: 4556.818 $\pm$ 0.924 χ^2/NDF : 310086.9/15

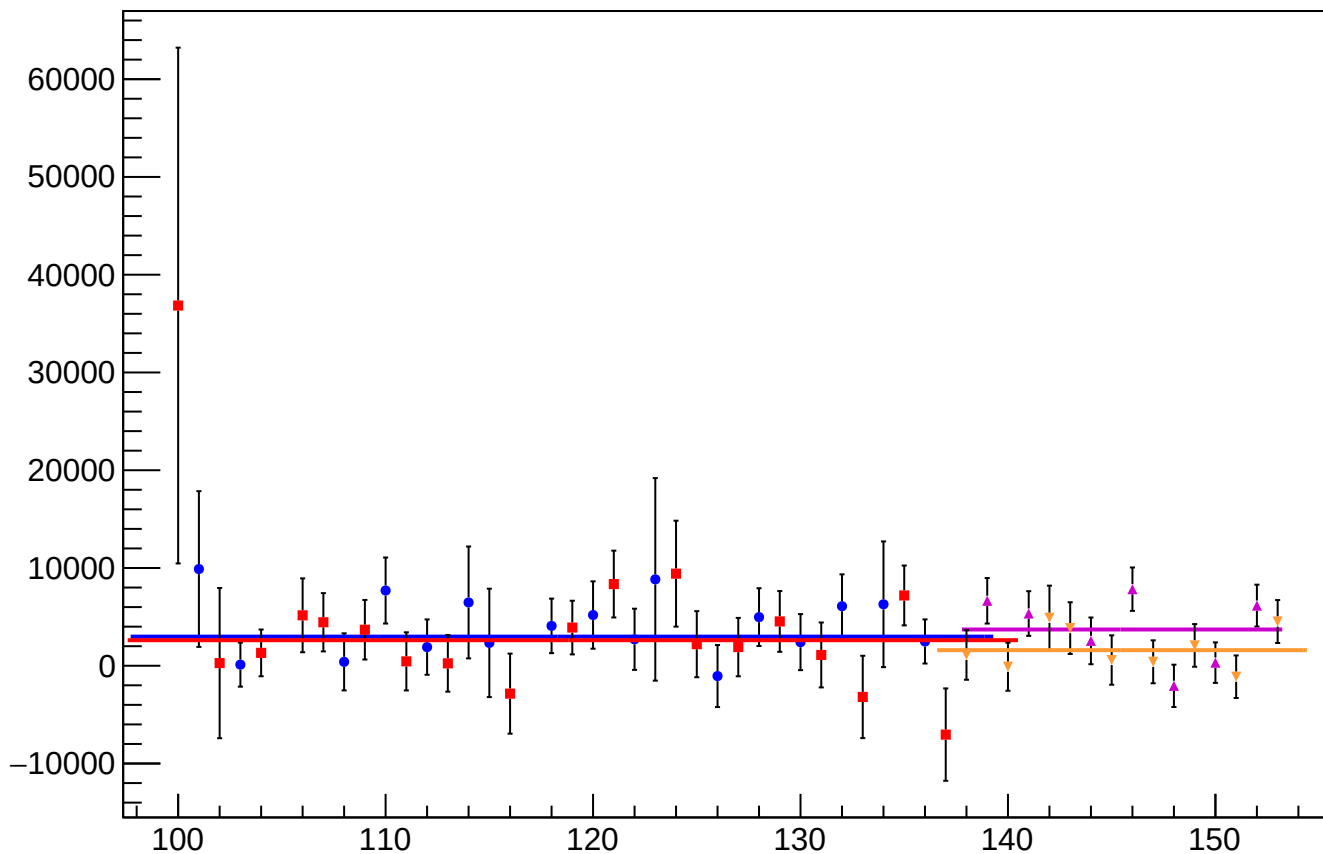
Right: 3059.752 $\pm$ 0.605 χ^2/NDF : 1759257.8/35

In: 3549.622 $\pm$ 0.741 χ^2/NDF : 1973220.0/23

Out: 3473.754 $\pm$ 0.694 χ^2/NDF : 1927537.4/27

All: 3509.196 $\pm$ 0.506 χ^2/NDF : 3906347.5/51

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445+/-795.398 χ^2/NDF : 9.9/16

Left Out: 1595.940+/-803.720 χ^2/NDF : 6.1/8

Right Out: 2613.881+/-783.228 χ^2/NDF : 19.6/18

Left In: 3709.908+/-839.615 χ^2/NDF : 16.9/6

Left: 2606.772+/-580.591 χ^2/NDF : 26.3/15

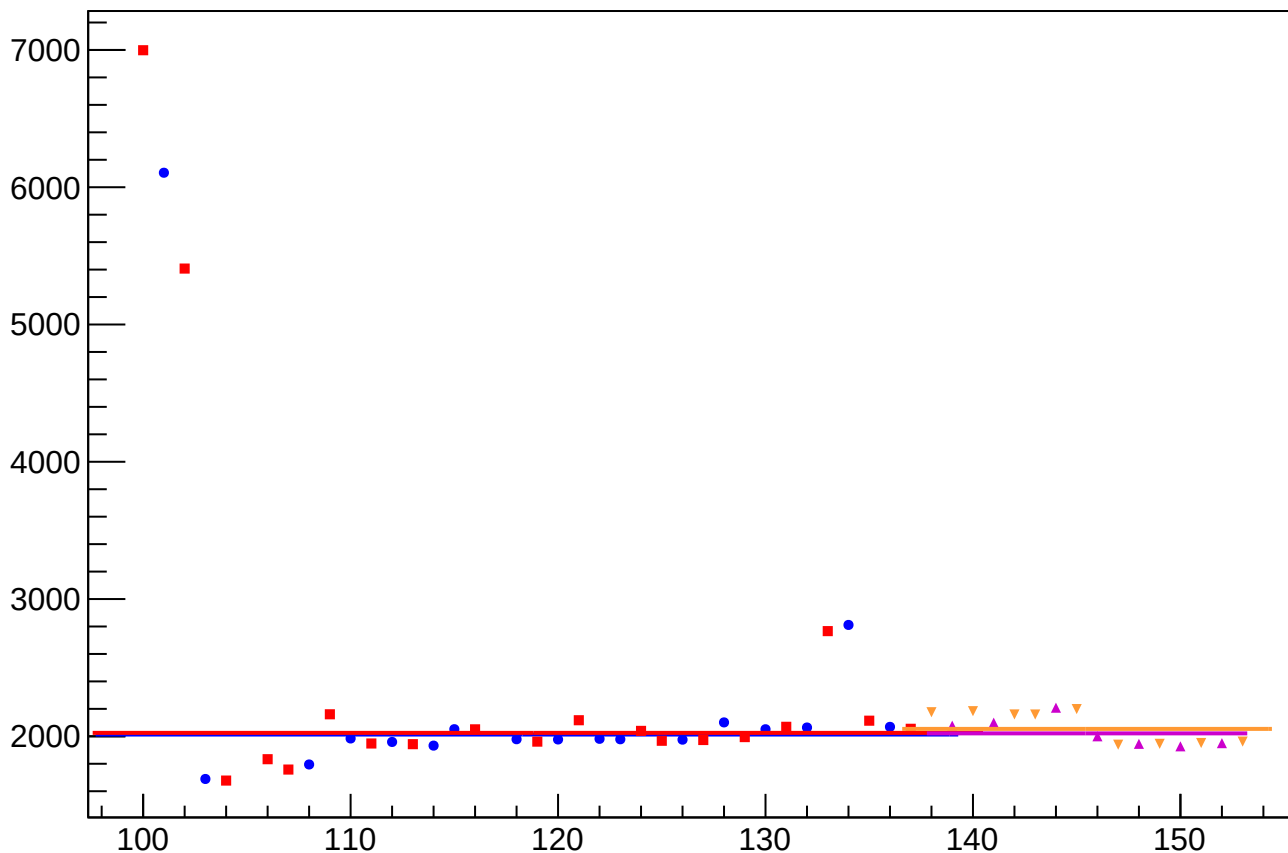
Right: 2793.353+/-558.079 χ^2/NDF : 29.6/35

In: 3324.410+/-577.430 χ^2/NDF : 27.1/23

Out: 2118.053+/-560.930 χ^2/NDF : 26.5/27

All: 2703.750+/-402.344 χ^2/NDF : 55.9/51

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945+/-0.562 χ^2/NDF : 617707.4/16

Left Out: 2054.023+/-0.568 χ^2/NDF : 40265.4/8

Right Out: 2025.070+/-0.554 χ^2/NDF : 597422.5/18

Left In: 2021.429+/-0.594 χ^2/NDF : 24769.2/6

Left: 2038.437+/-0.411 χ^2/NDF : 66607.4/15

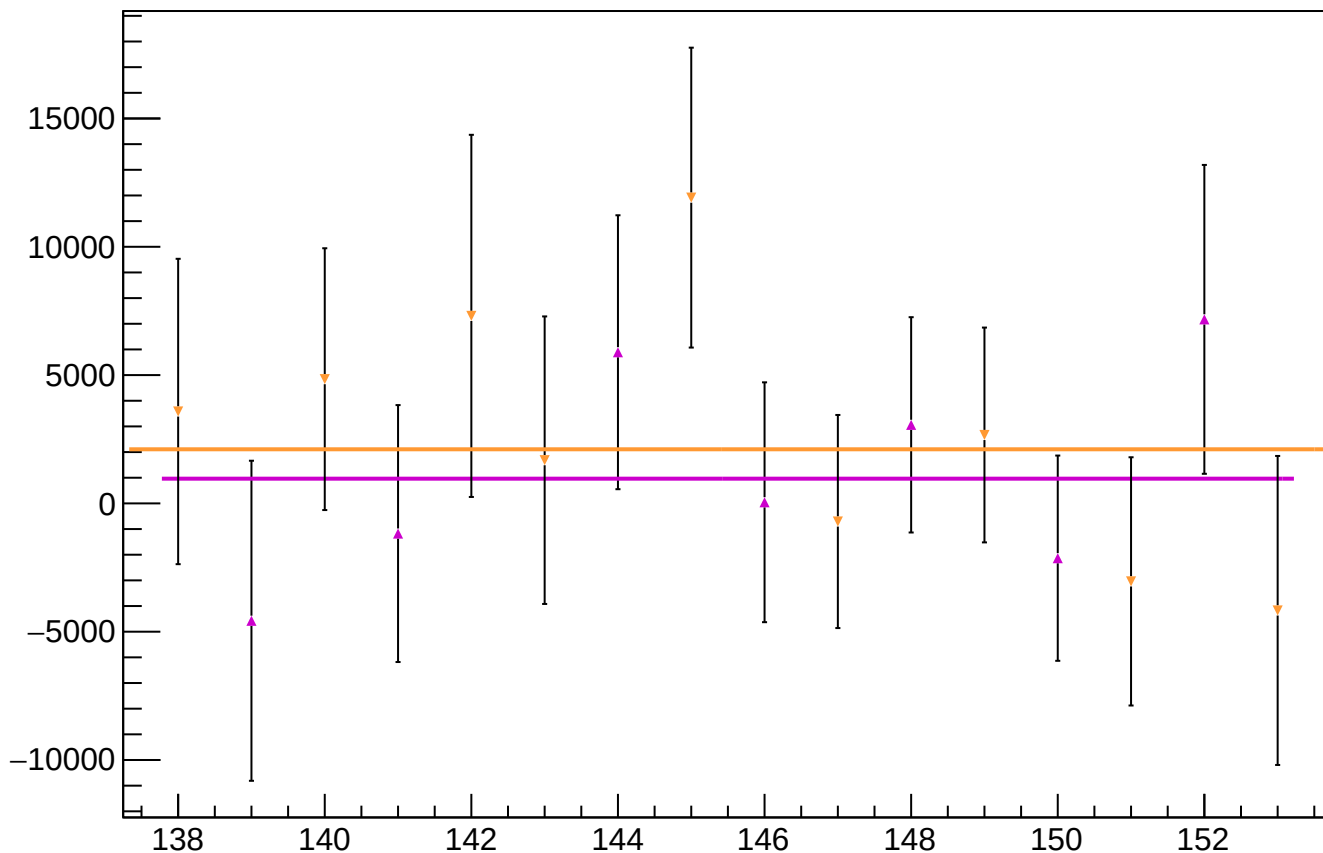
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

In: 2016.958+/-0.408 χ^2/NDF : 642584.2/23

Out: 2039.168+/-0.397 χ^2/NDF : 639019.6/27

All: 2028.386+/-0.284 χ^2/NDF : 1283126.3/51

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2108.627+/-1732.150 χ^2/NDF : 6.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 963.440+/-1846.064 χ^2/NDF : 3.8/6

Left: 1572.454+/-1263.167 χ^2/NDF : 10.4/15

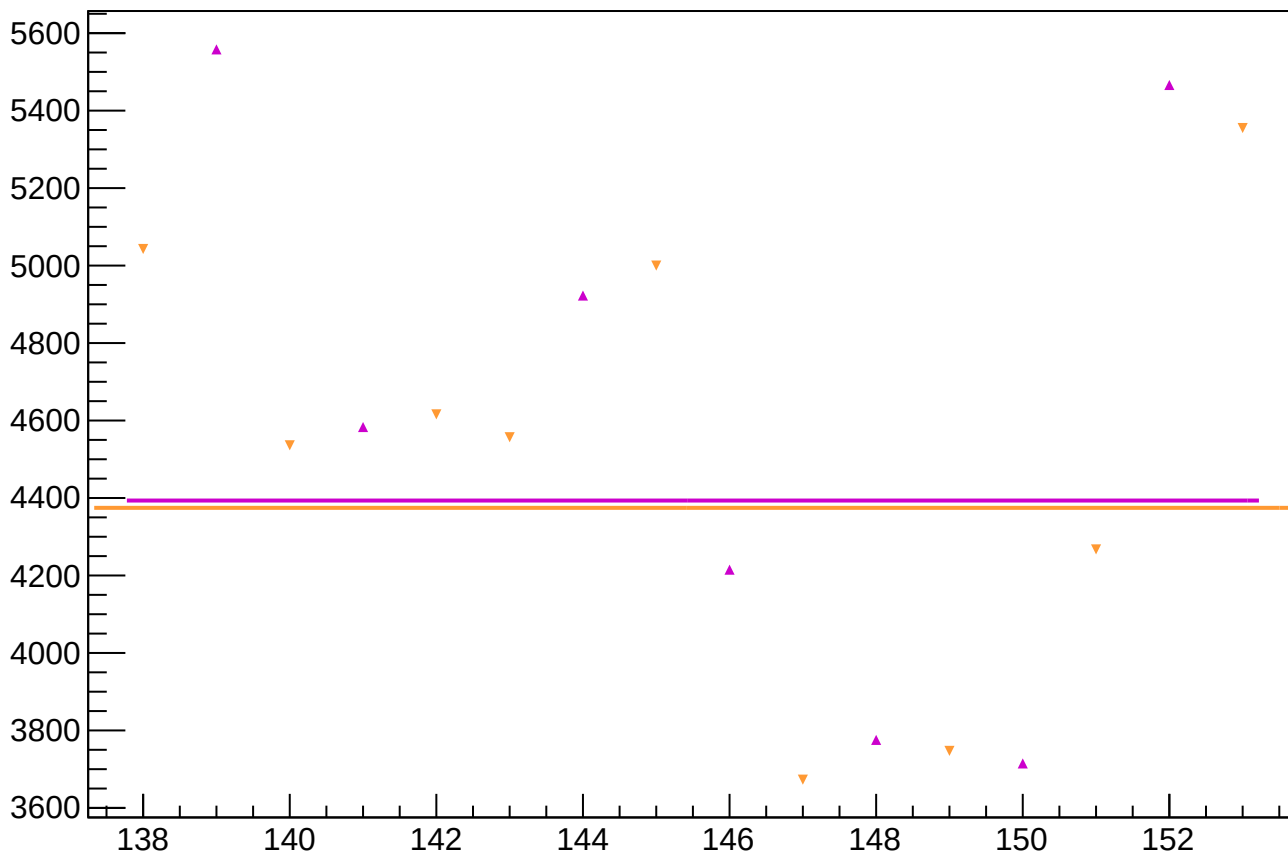
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 963.440+/-1846.064 χ^2/NDF : 3.8/6

Out: 2108.627+/-1732.150 χ^2/NDF : 6.4/8

All: 1572.454+/-1263.167 χ^2/NDF : 10.4/15

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4374.605+/-1.225 χ^2/NDF :210652.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4393.474+/-1.305 χ^2/NDF :259701.4/6

Left: 4383.439+/-0.893 χ^2/NDF : 470464.8/15

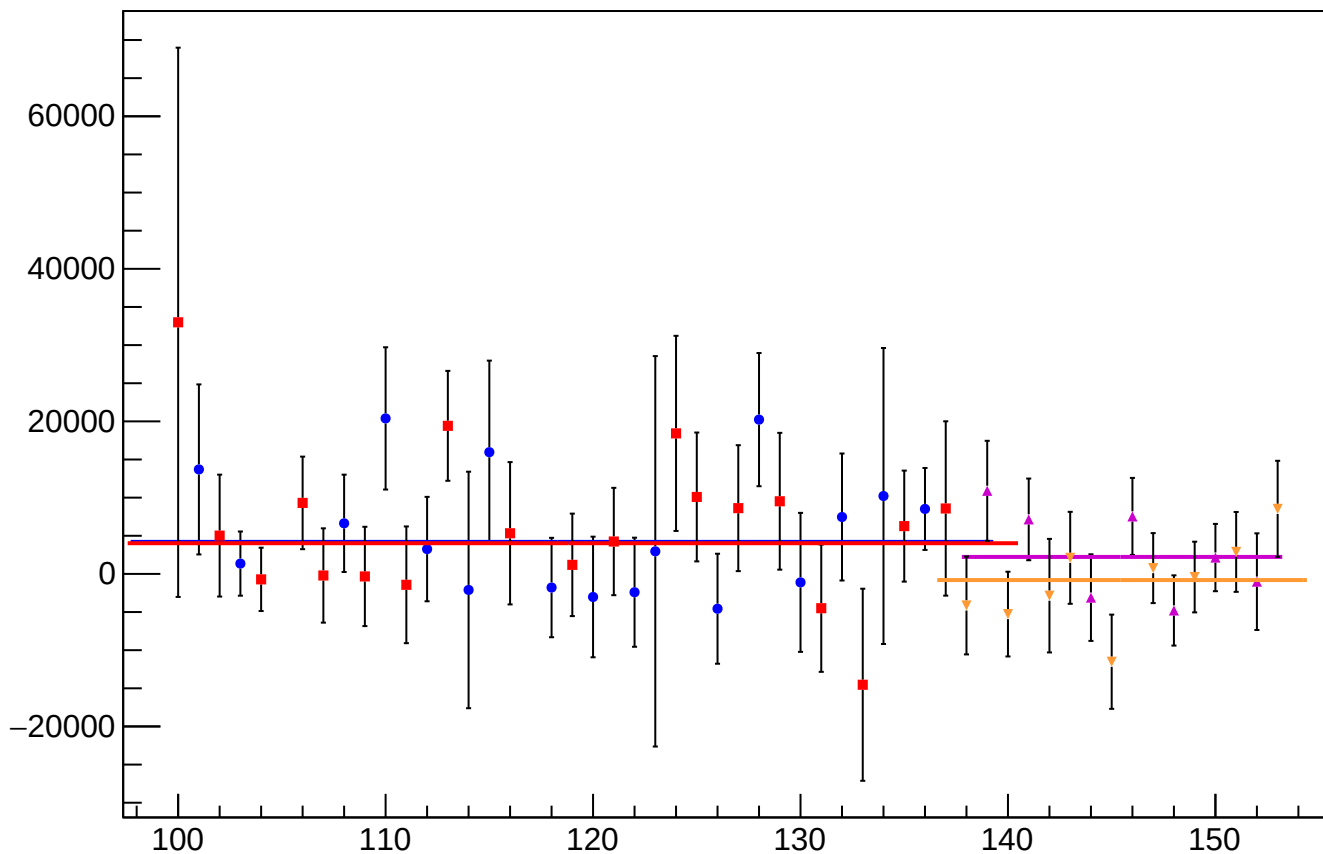
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4393.474+/-1.305 χ^2/NDF :259701.4/6

Out: 4374.605+/-1.225 χ^2/NDF :210652.3/8

All: 4383.439+/-0.893 χ^2/NDF : 470464.8/15

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4198.770+/-1857.803 χ^2/NDF : 14.1/16

Left Out: -806.898+/-1875.972 χ^2/NDF : 7.0/8

Right Out: 4023.682+/-1725.187 χ^2/NDF : 14.8/18

Left In: 2227.293+/-1992.962 χ^2/NDF : 7.2/6

Left: 618.533+/-1366.000 χ^2/NDF : 15.4/15

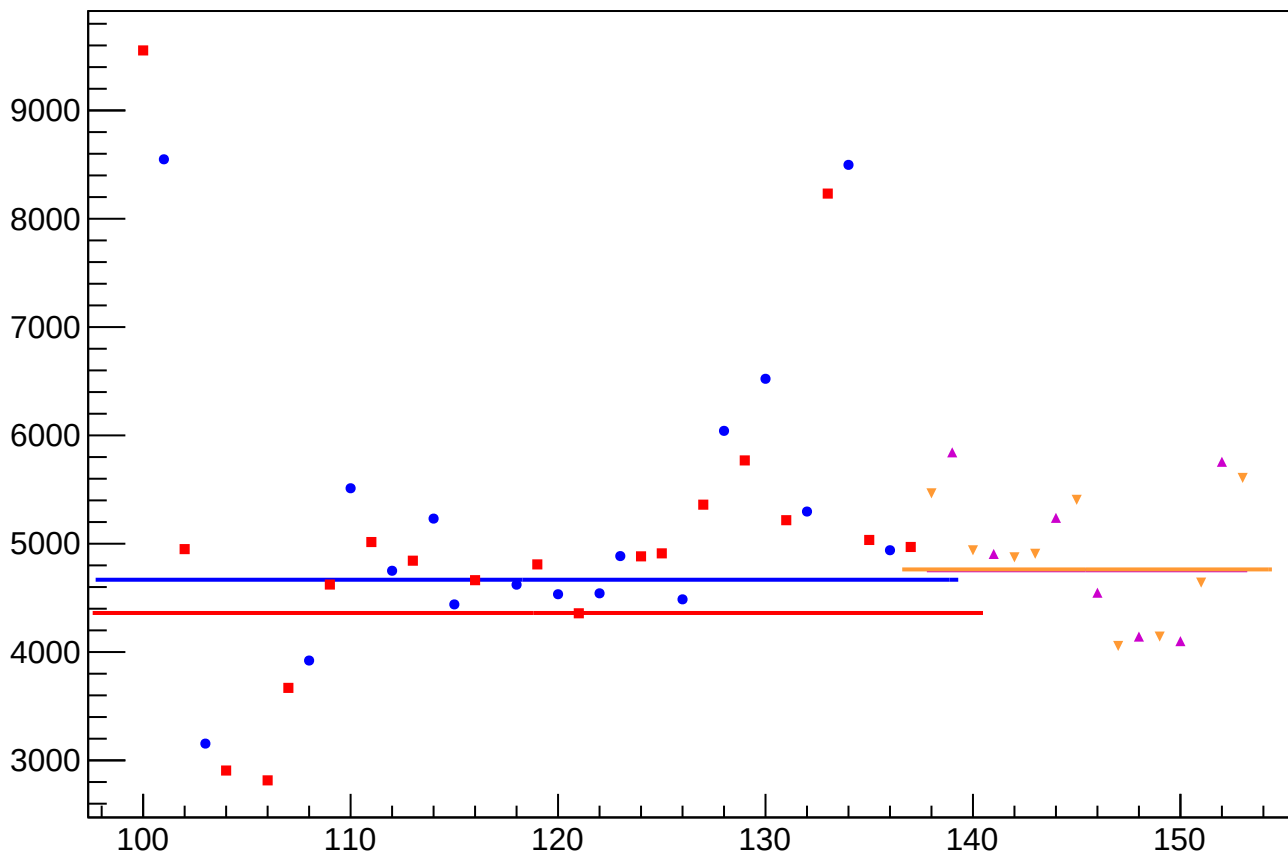
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

In: 3282.144+/-1358.937 χ^2/NDF : 21.8/23

Out: 1810.300+/-1269.857 χ^2/NDF : 25.5/27

All: 2496.404+/-927.819 χ^2/NDF : 47.9/51

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470+/-1.314 χ^2/NDF : 777857.9/16

Left Out: 4762.662+/-1.327 χ^2/NDF :169461.3/8

Right Out: 4360.582+/-1.213 χ^2/NDF : 832745.2/18

Left In: 4754.836+/-1.409 χ^2/NDF :203921.8/6

Left: 4758.985+/-0.966 χ^2/NDF : 373399.4/15

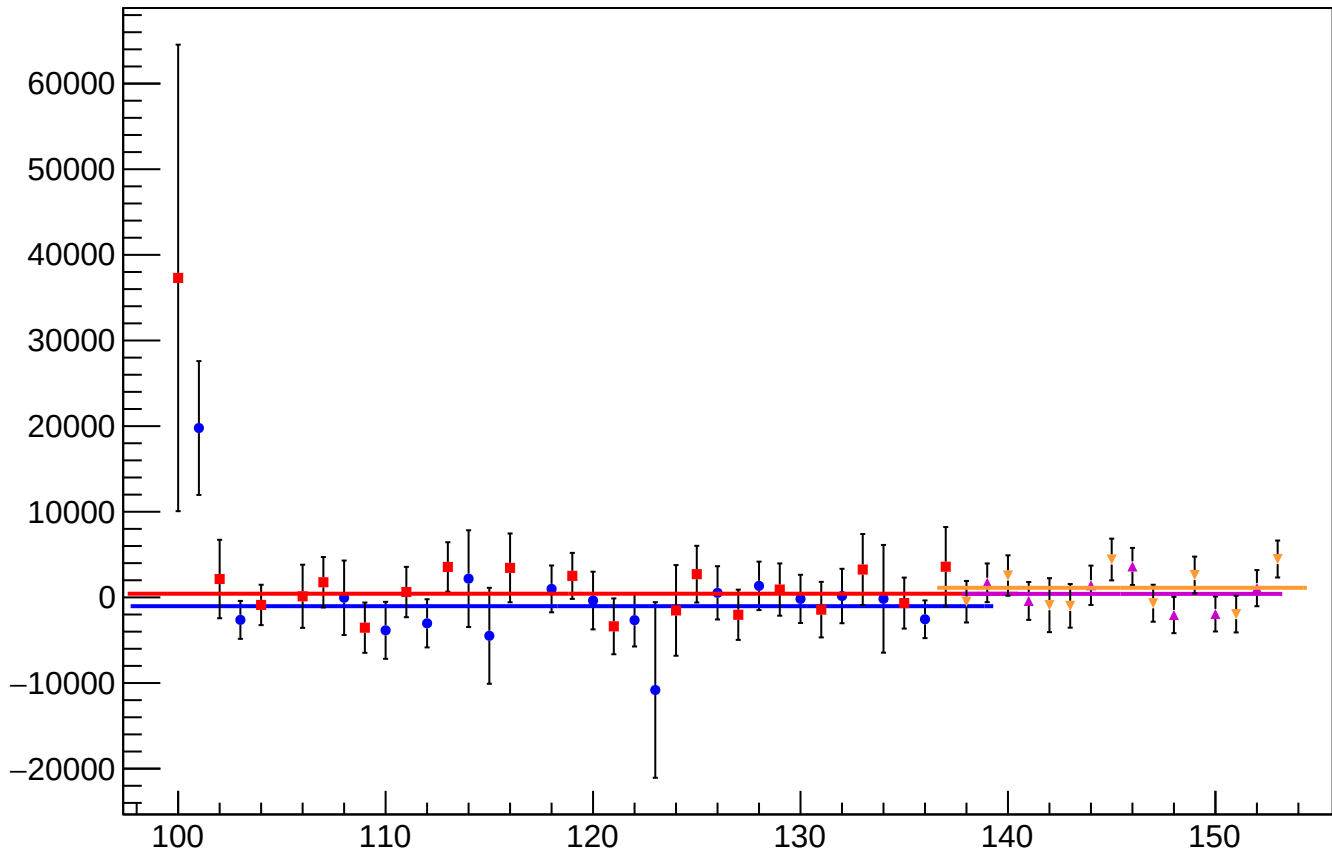
Right: 4501.800+/-0.891 χ^2/NDF : 1640064.7/35

In: 4708.090+/-0.961 χ^2/NDF :983836.1/23

Out: 4543.661+/-0.895 χ^2/NDF :1052248.6/27

All: 4620.053+/-0.655 χ^2/NDF : 2051762.4/51

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051 $\pm$ 796.597 χ^2 /NDF: 13.1/16

Left Out: 1119.839 $\pm$ 781.675 χ^2 /NDF: 9.4/8

Right Out: 428.488 $\pm$ 760.817 χ^2 /NDF: 10.8/18

Left In: 409.749 $\pm$ 819.647 χ^2 /NDF: 5.6/6

Left: 781.623 $\pm$ 565.675 χ^2 /NDF: 15.4/15

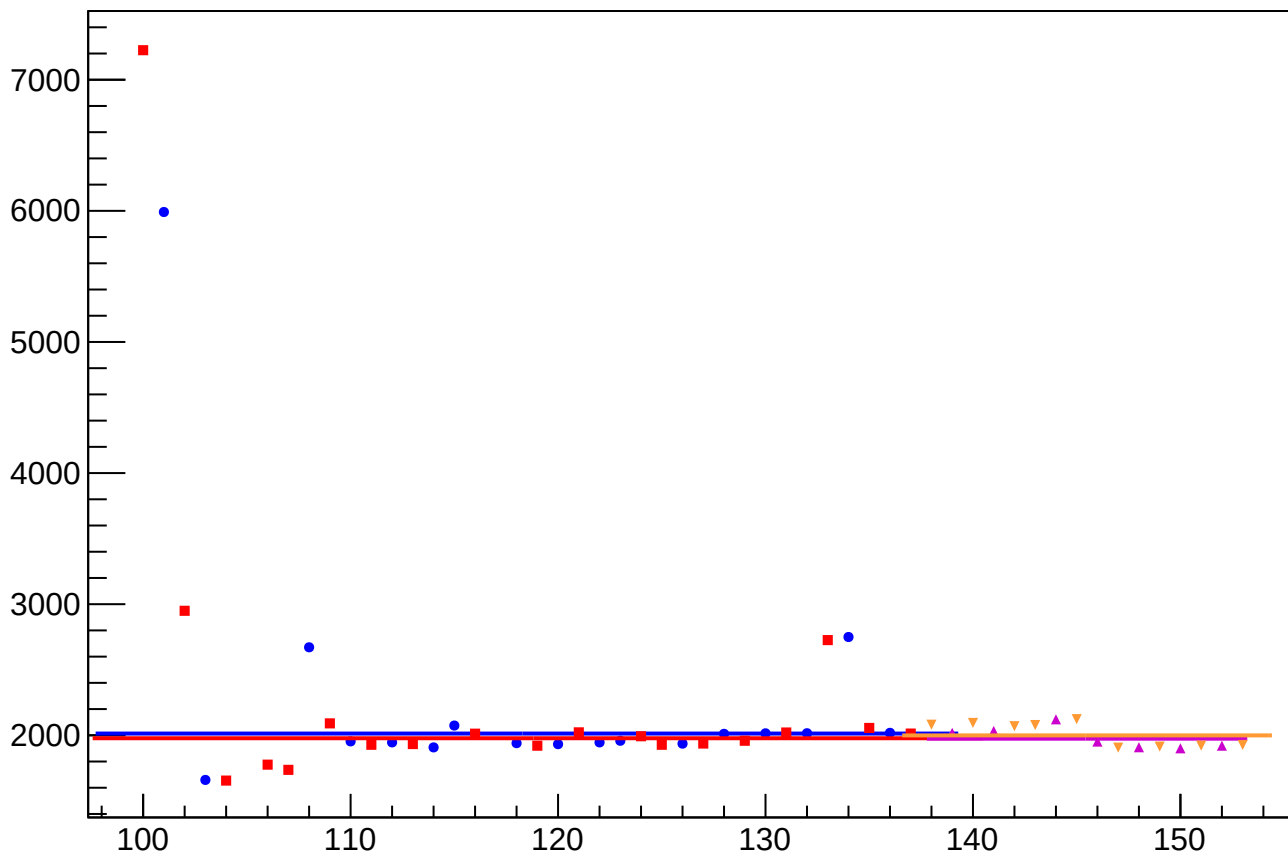
Right: -265.860 $\pm$ 550.193 χ^2 /NDF: 25.6/35

In: -329.138 $\pm$ 571.254 χ^2 /NDF: 20.2/23

Out: 764.817 $\pm$ 545.204 χ^2 /NDF: 20.6/27

All: 243.351 $\pm$ 394.405 χ^2 /NDF: 42.7/51

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2013.270+/-0.563 χ^2/NDF : 650048.6/16

Left Out: 1999.190+/-0.553 χ^2/NDF : 25393.8/8

Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

Left In: 1974.231+/-0.580 χ^2/NDF : 16418.8/6

Left: 1987.302+/-0.400 χ^2/NDF : 42783.8/15

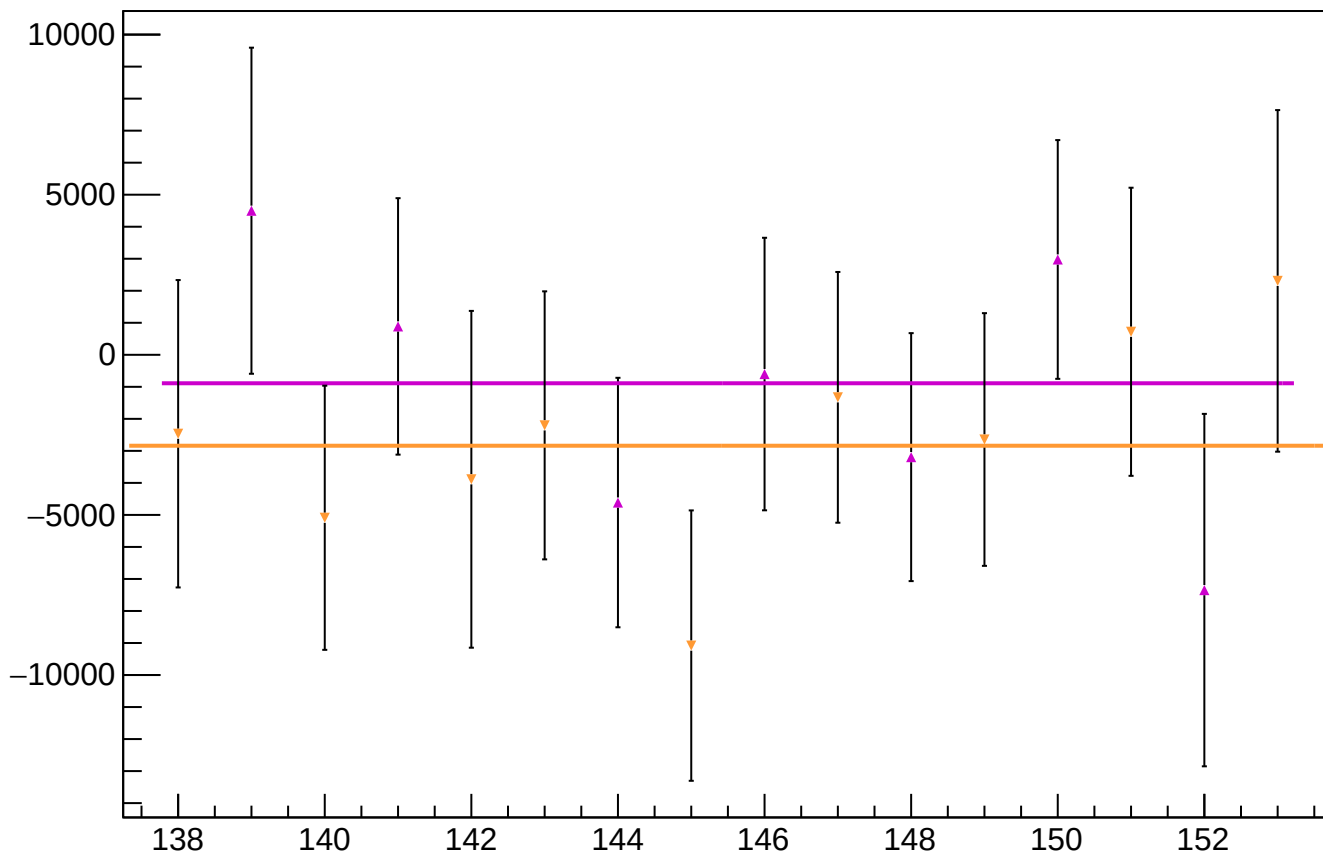
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

In: 1994.307+/-0.404 χ^2/NDF : 668800.6/23

Out: 1988.063+/-0.385 χ^2/NDF : 321081.2/27

All: 1991.038+/-0.279 χ^2/NDF : 990007.0/51

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2839.287+/-1465.598 χ^2/NDF :4.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -888.661+/-1593.695 χ^2/NDF :5.0/6

Left: -1945.507+/-1078.782 χ^2/NDF : 10.1/15

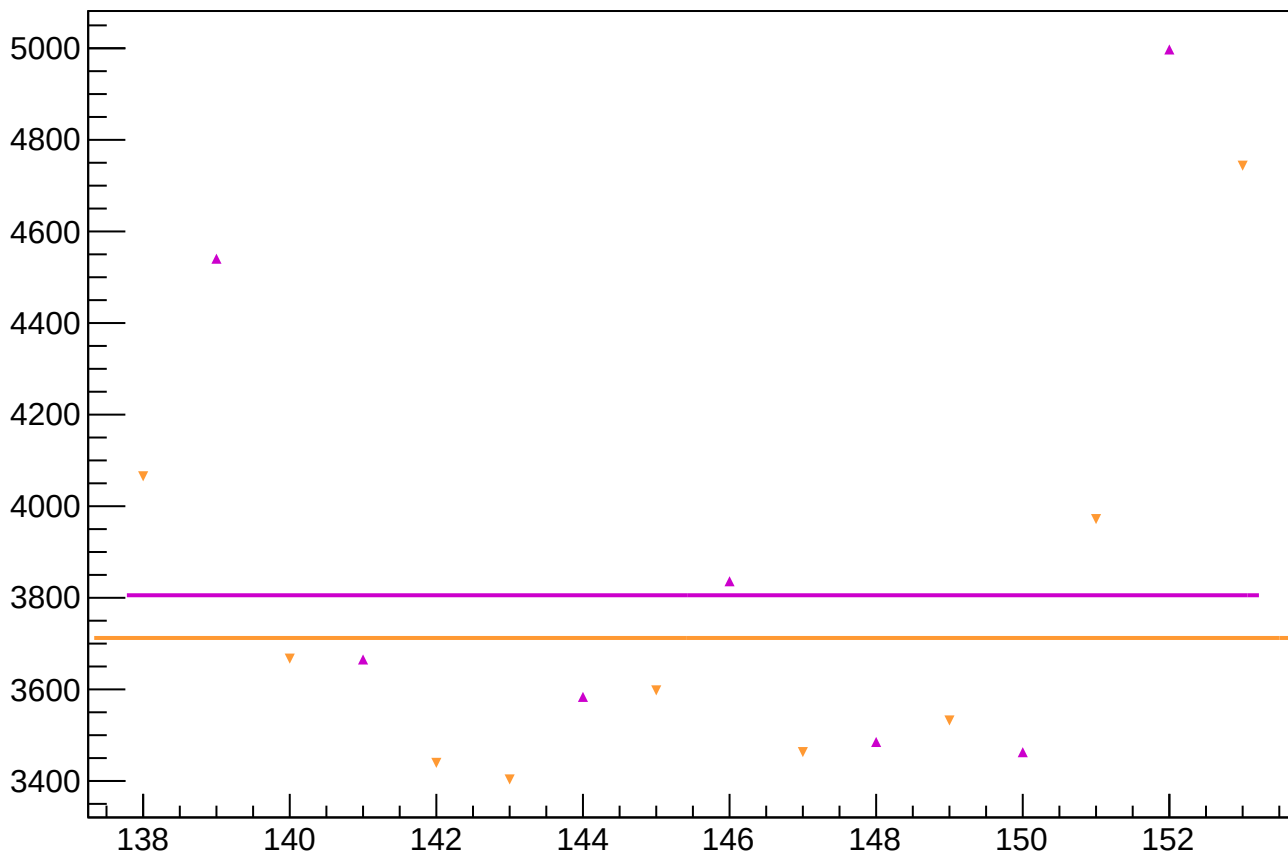
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -888.661+/-1593.695 χ^2/NDF :5.0/6

Out: -2839.287+/-1465.598 χ^2/NDF :4.3/8

All: -1945.507+/-1078.782 χ^2/NDF : 10.1/15

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3712.289+/-1.036 χ^2/NDF :122504.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3805.558+/-1.127 χ^2/NDF :175109.7/6

Left: 3755.025+/-0.763 χ^2/NDF : 301325.7/15

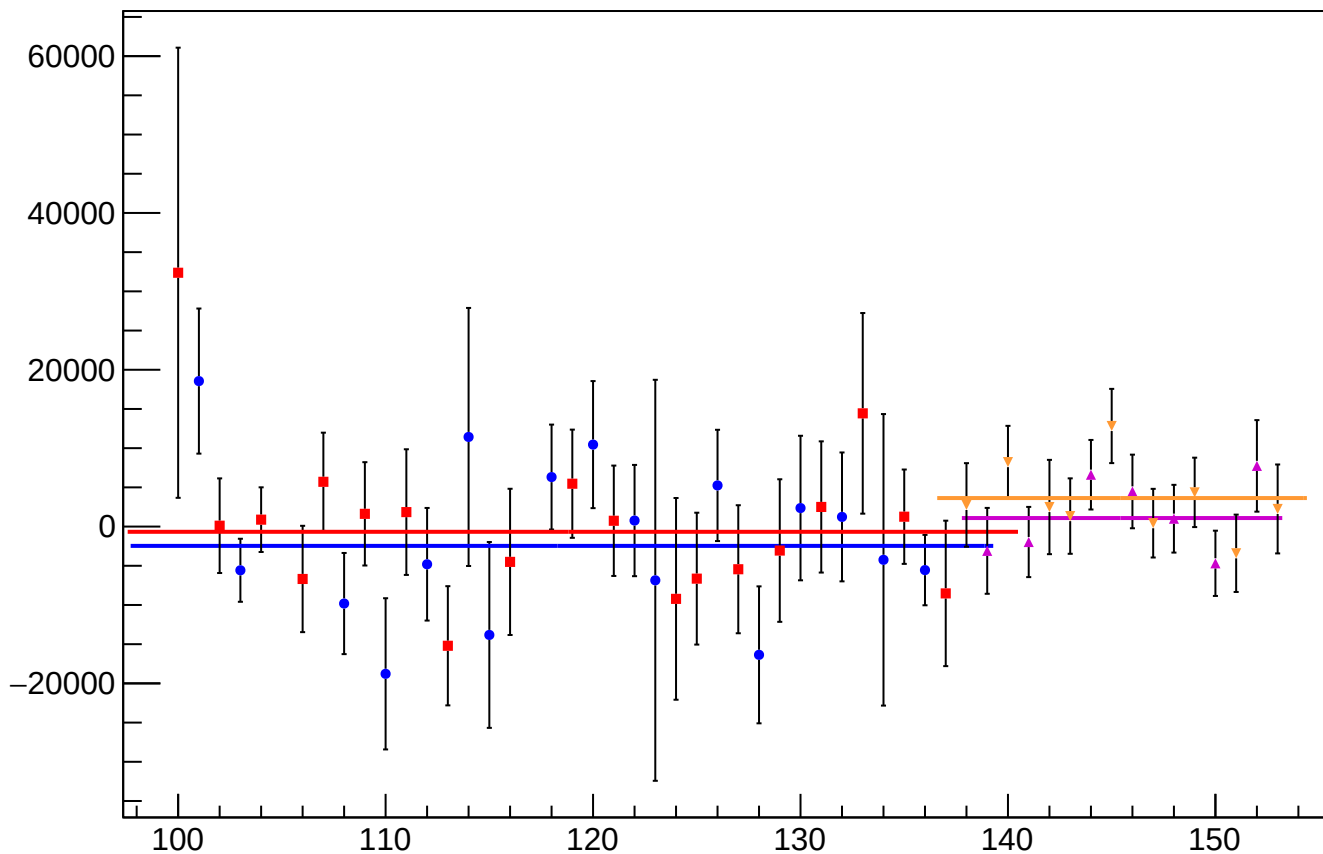
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3805.558+/-1.127 χ^2/NDF :175109.7/6

Out: 3712.289+/-1.036 χ^2/NDF :122504.6/8

All: 3755.025+/-0.763 χ^2/NDF : 301325.7/15

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 3636.865 $\pm$ 1637.646 χ^2 /NDF: 7.7/8

Right Out: -666.170 $\pm$ 1689.812 χ^2 /NDF: 11.9/18

Left In: 1087.962 $\pm$ 1767.587 χ^2 /NDF: 6.3/6

Left: 2459.537 $\pm$ 1201.304 χ^2 /NDF: 15.2/15

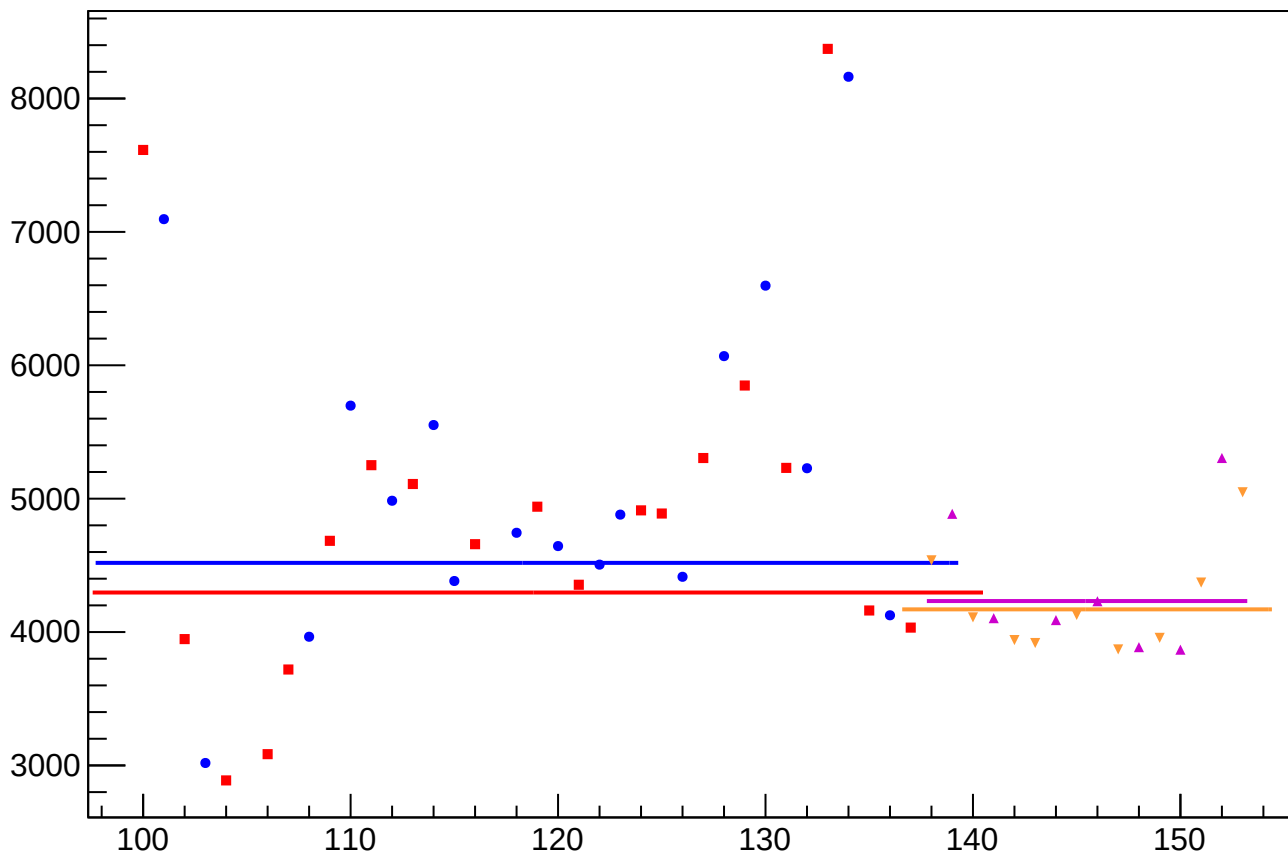
Right: -1508.905 $\pm$ 1231.122 χ^2 /NDF: 33.3/35

In: -657.564 $\pm$ 1260.244 χ^2 /NDF: 29.2/23

Out: 1552.791 $\pm$ 1176.000 χ^2 /NDF: 22.9/27

All: 523.955 $\pm$ 859.799 χ^2 /NDF: 53.8/51

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684 $\pm$ 1.271 χ^2/NDF : 770226.9/16

Left Out: 4170.111 $\pm$ -1.158 χ^2/NDF :83749.4/8

Right Out: 4296.379 $\pm$ -1.188 χ^2/NDF : 771702.5/18

Left In: 4232.432 $\pm$ -1.250 χ^2/NDF :127894.5/6

Left: 4198.897 $\pm$ -0.849 χ^2/NDF : 212981.7/15

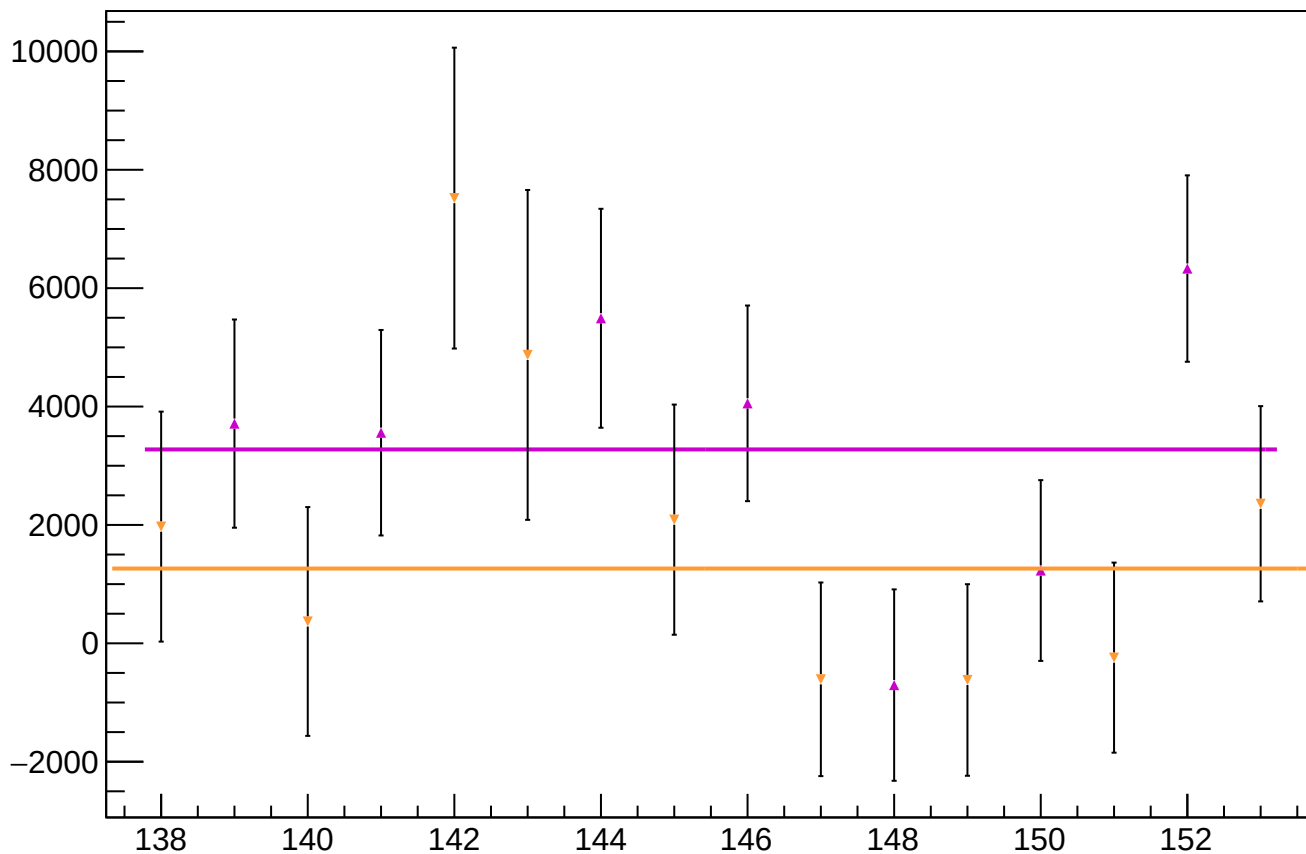
Right: 4400.071 $\pm$ -0.868 χ^2/NDF : 1558255.2/35

In: 4373.173 $\pm$ -0.891 χ^2/NDF :923910.6/23

Out: 4231.616 $\pm$ -0.829 χ^2/NDF :861243.4/27

All: 4297.315 $\pm$ -0.607 χ^2/NDF : 1798676.2/51

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1263.502+/-621.132 χ^2/NDF :12.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3275.544+/-628.885 χ^2/NDF :13.4/6

Left: 2257.044+/-441.922 χ^2/NDF : 30.8/15

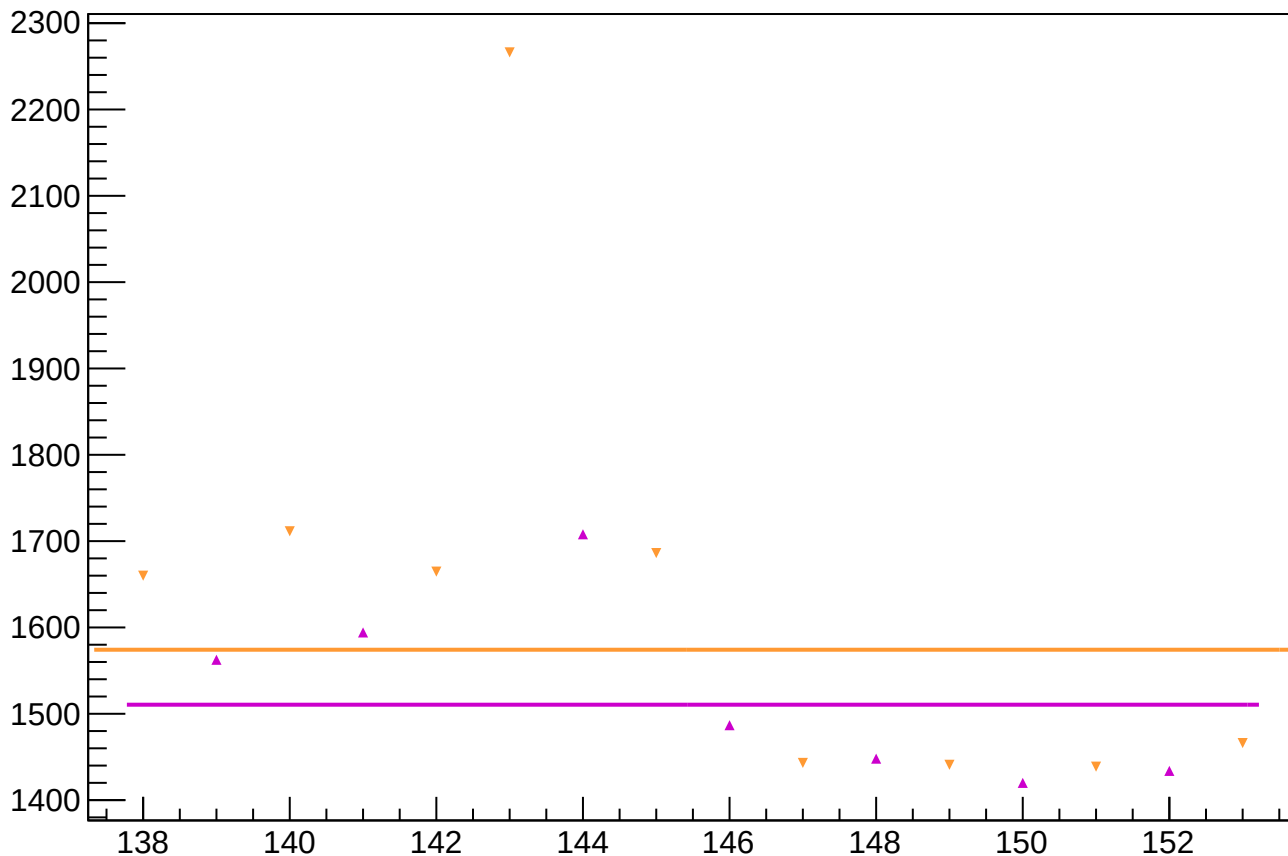
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3275.544+/-628.885 χ^2/NDF :13.4/6

Out: 1263.502+/-621.132 χ^2/NDF :12.3/8

All: 2257.044+/-441.922 χ^2/NDF : 30.8/15

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1574.202+/-0.439 χ^2/NDF :195724.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1510.516+/-0.445 χ^2/NDF :44367.2/6

Left: 1542.754+/-0.312 χ^2/NDF : 250473.7/15

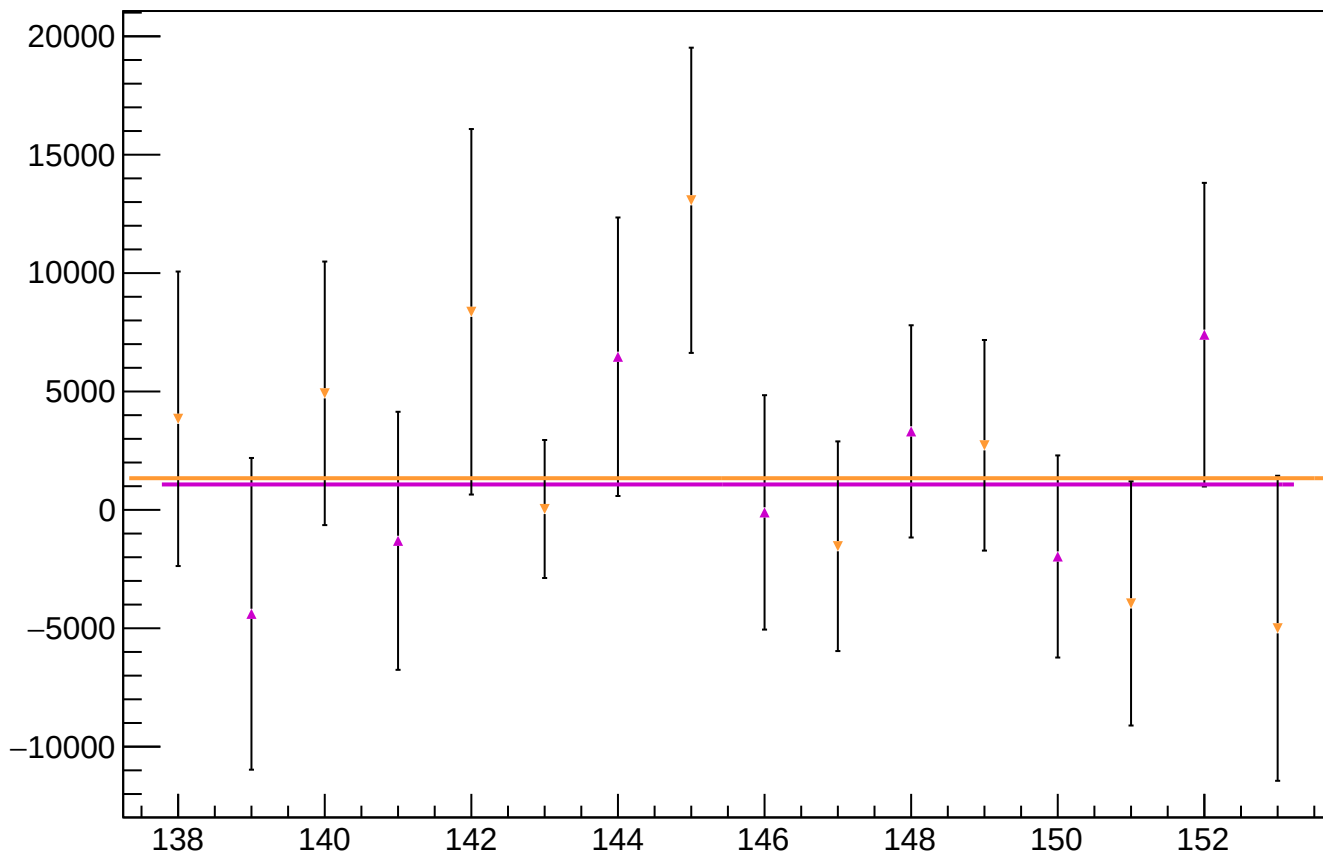
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1510.516+/-0.445 χ^2/NDF :44367.2/6

Out: 1574.202+/-0.439 χ^2/NDF :195724.1/8

All: 1542.754+/-0.312 χ^2/NDF : 250473.7/15

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1337.729+/-1622.097 χ^2/NDF : 7.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1073.893+/-1978.369 χ^2/NDF : 3.5/6

Left: 1231.665+/-1254.367 χ^2/NDF : 11.0/15

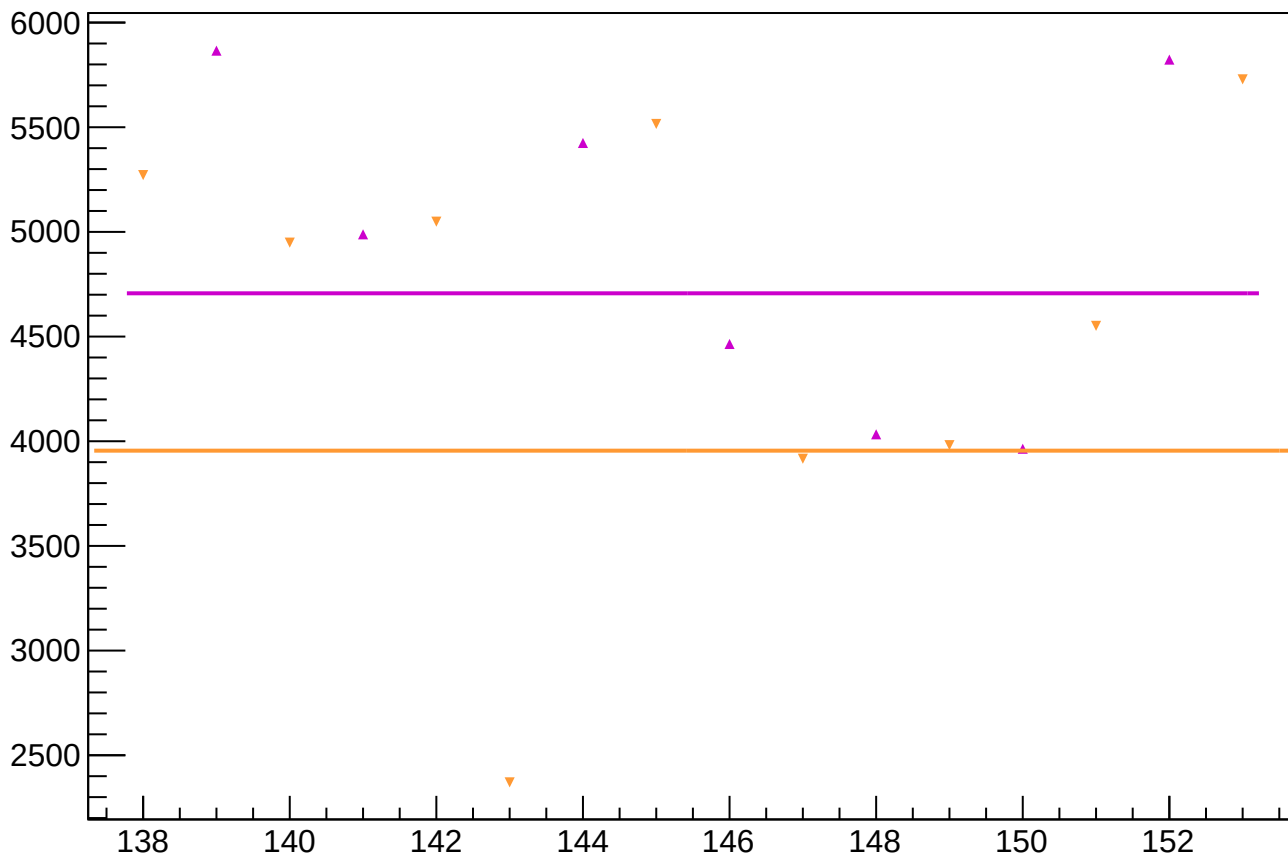
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1073.893+/-1978.369 χ^2/NDF : 3.5/6

Out: 1337.729+/-1622.097 χ^2/NDF : 7.5/8

All: 1231.665+/-1254.367 χ^2/NDF : 11.0/15

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3954.996+/-1.147 χ^2/NDF :1080730.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4706.685+/-1.399 χ^2/NDF :268309.8/6

Left: 4257.181+/-0.887 χ^2/NDF : 1521698.5/15

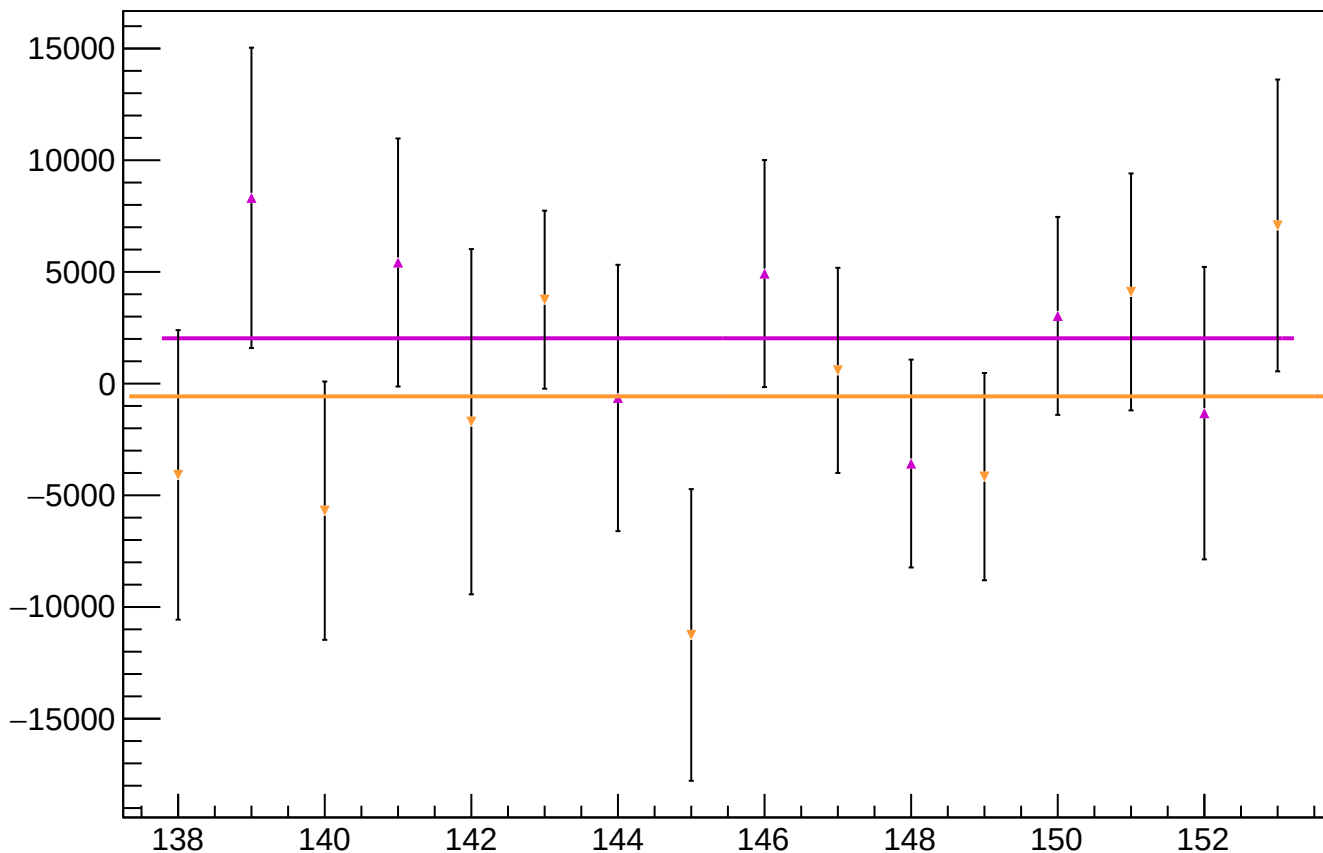
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4706.685+/-1.399 χ^2/NDF :268309.8/6

Out: 3954.996+/-1.147 χ^2/NDF :1080730.1/8

All: 4257.181+/-0.887 χ^2/NDF : 1521698.5/15

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -570.501+/-1796.646 χ^2/NDF :7.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2028.928+/-2033.161 χ^2/NDF :3.5/6

Left: 569.292+/-1346.312 χ^2/NDF : 12.2/15

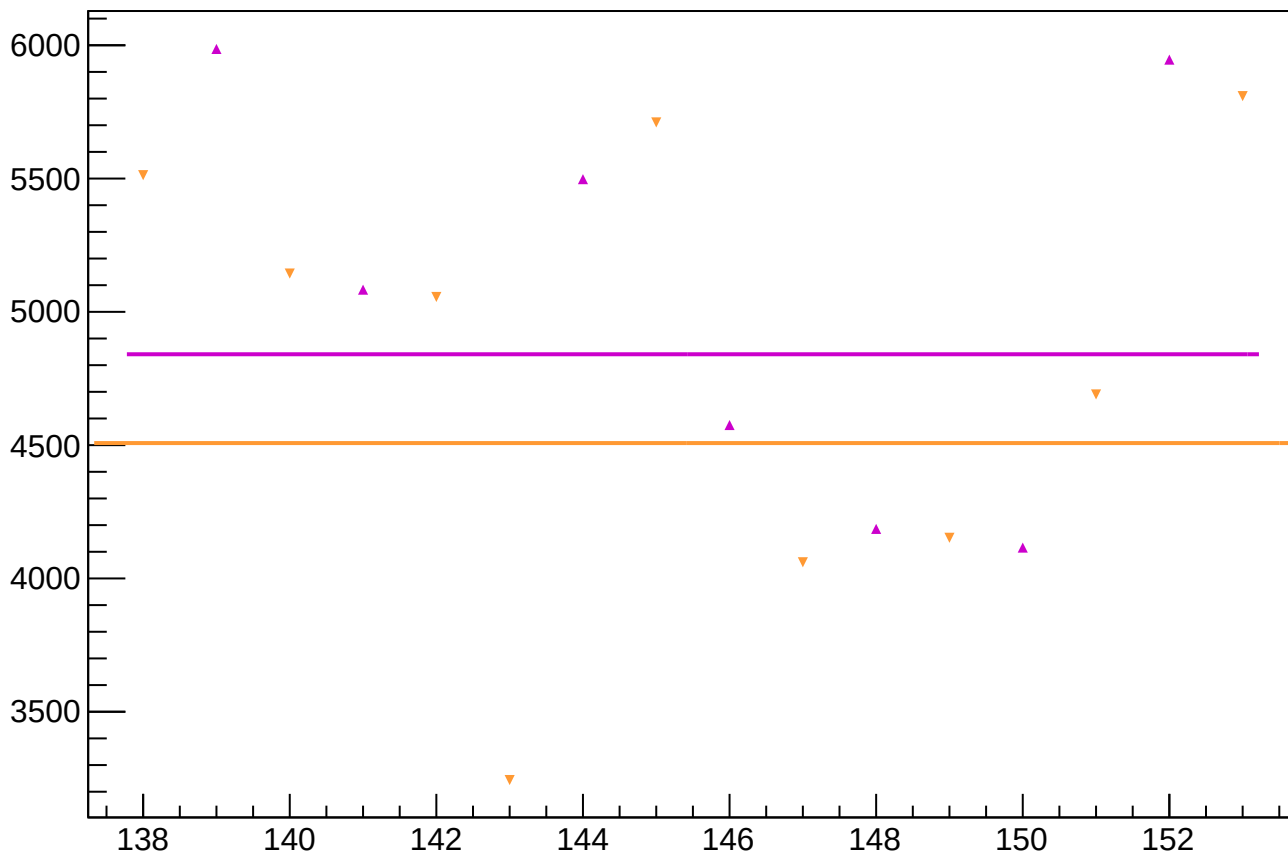
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2028.928+/-2033.161 χ^2/NDF :3.5/6

Out: -570.501+/-1796.646 χ^2/NDF :7.8/8

All: 569.292+/-1346.312 χ^2/NDF : 12.2/15

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4507.789+/-1.270 χ^2/NDF : 463940.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4840.928+/-1.438 χ^2/NDF : 241834.6/6

Left: 4653.863+/-0.952 χ^2/NDF : 735926.0/15

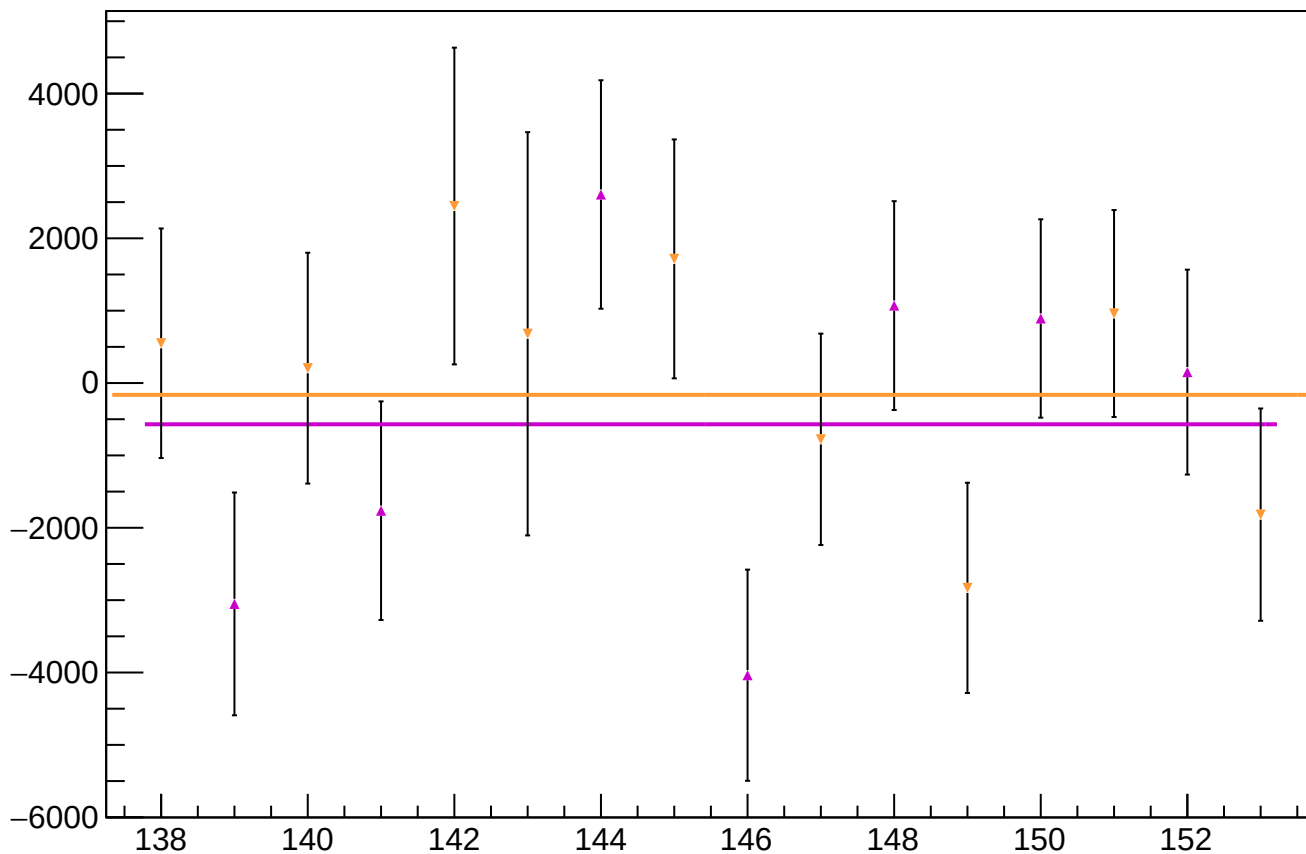
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4840.928+/-1.438 χ^2/NDF : 241834.6/6

Out: 4507.789+/-1.270 χ^2/NDF : 463940.2/8

All: 4653.863+/-0.952 χ^2/NDF : 735926.0/15

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -163.142+/-542.990 χ^2/NDF :8.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -569.989+/-555.316 χ^2/NDF :15.6/6

Left: -362.000+/-388.237 χ^2/NDF : 24.4/15

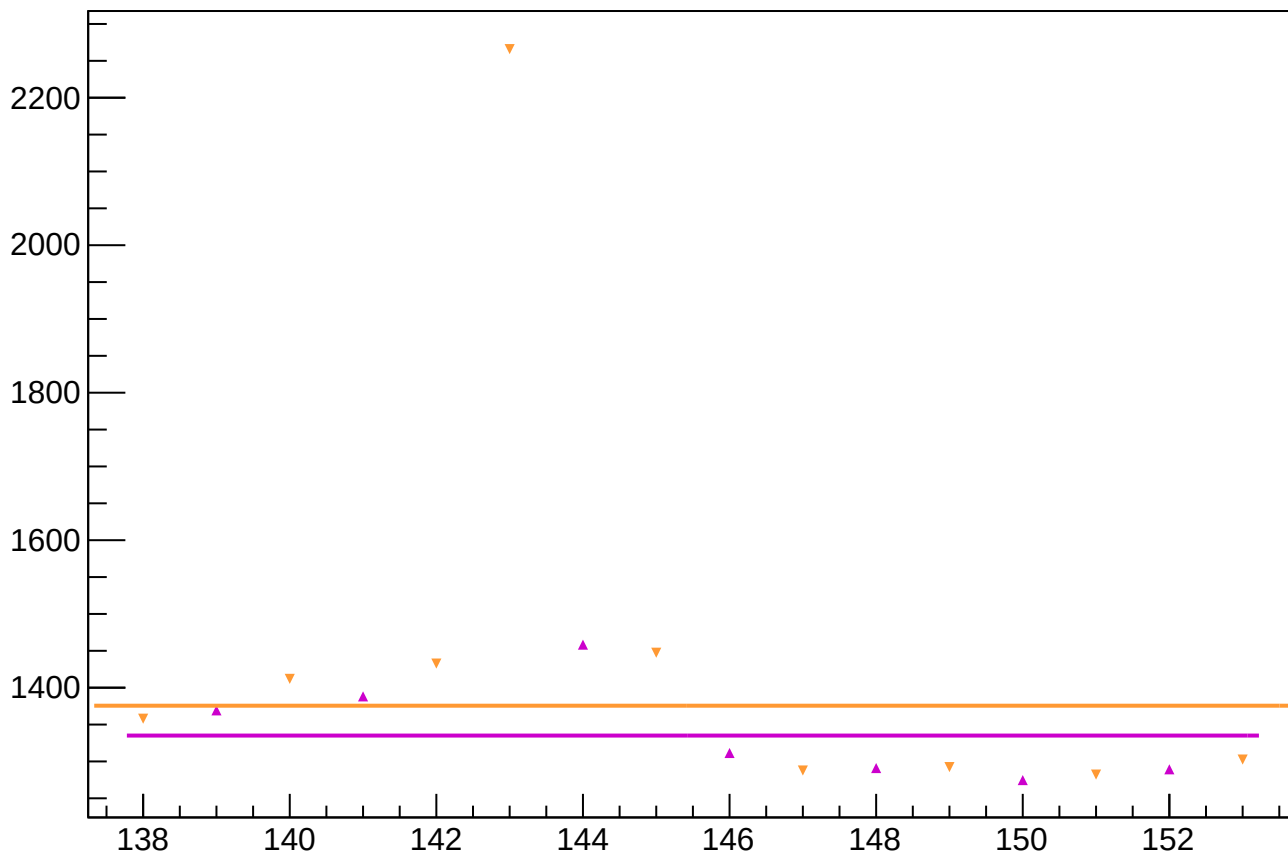
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -569.989+/-555.316 χ^2/NDF :15.6/6

Out: -163.142+/-542.990 χ^2/NDF :8.5/8

All: -362.000+/-388.237 χ^2/NDF : 24.4/15

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1375.578 ± 0.384 $\chi^2/\text{NDF}: 237931.0/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1335.078 ± 0.393 $\chi^2/\text{NDF}: 24014.9/6$

Left: 1355.783 ± 0.275 $\chi^2/\text{NDF}: 267384.2/15$

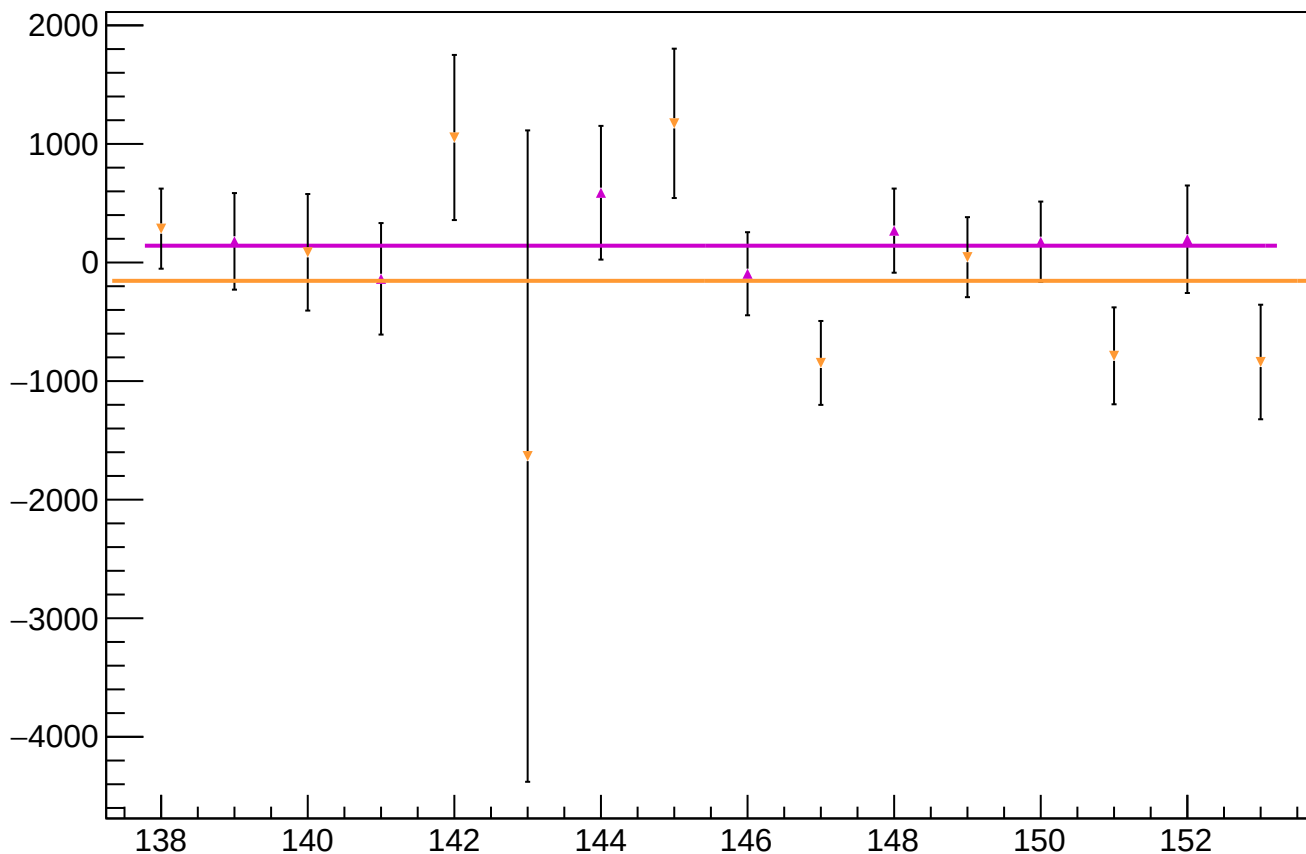
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 1335.078 ± 0.393 $\chi^2/\text{NDF}: 24014.9/6$

Out: 1375.578 ± 0.384 $\chi^2/\text{NDF}: 237931.0/8$

All: 1355.783 ± 0.275 $\chi^2/\text{NDF}: 267384.2/15$

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -154.523+/-149.634 χ^2/NDF :18.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 141.780+/-151.830 χ^2/NDF :1.6/6

Left: -8.531+/-106.575 χ^2/NDF : 21.8/15

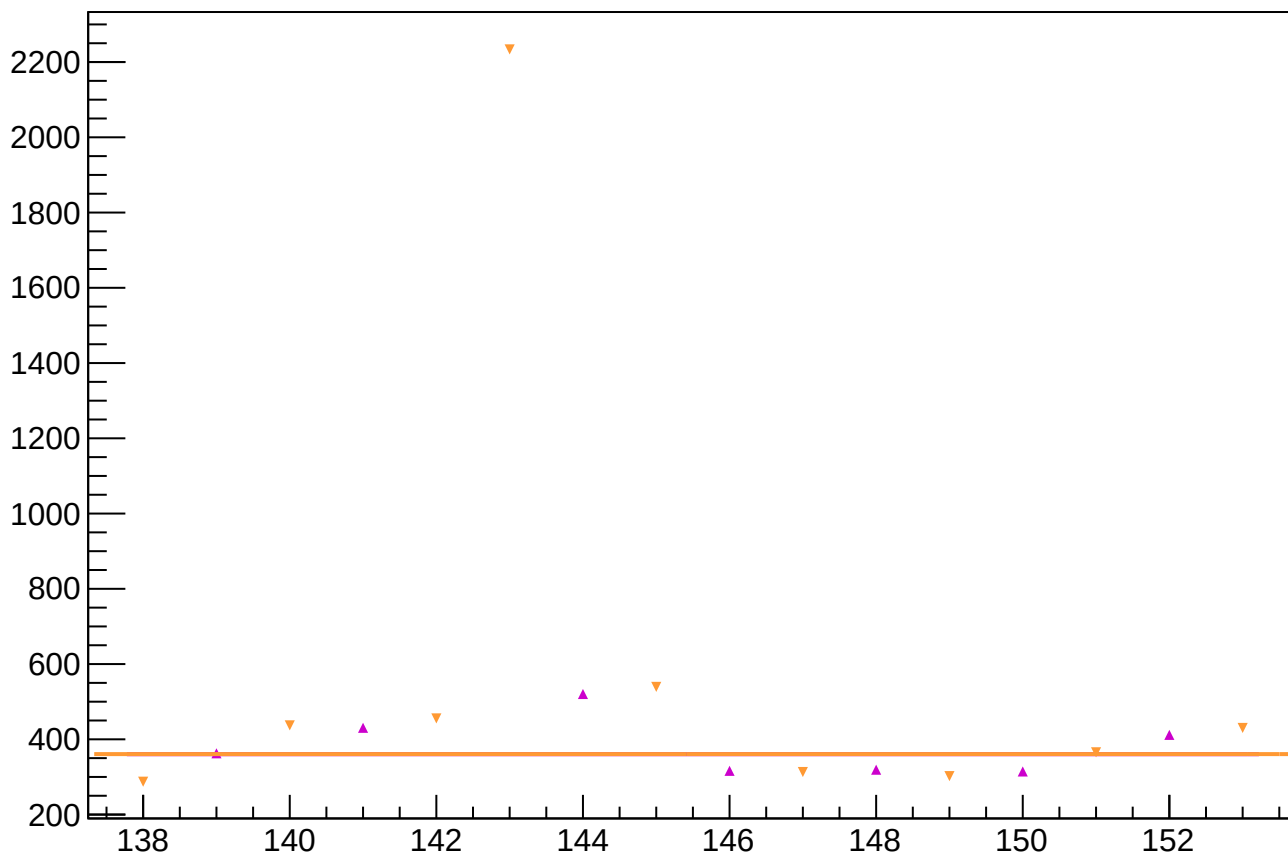
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.780+/-151.830 χ^2/NDF :1.6/6

Out: -154.523+/-149.634 χ^2/NDF :18.3/8

All: -8.531+/-106.575 χ^2/NDF : 21.8/15

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.697+/-0.106 χ^2/NDF :1408731.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 360.417+/-0.107 χ^2/NDF :326858.4/6

Left: 360.559+/-0.075 χ^2/NDF : 1735592.9/15

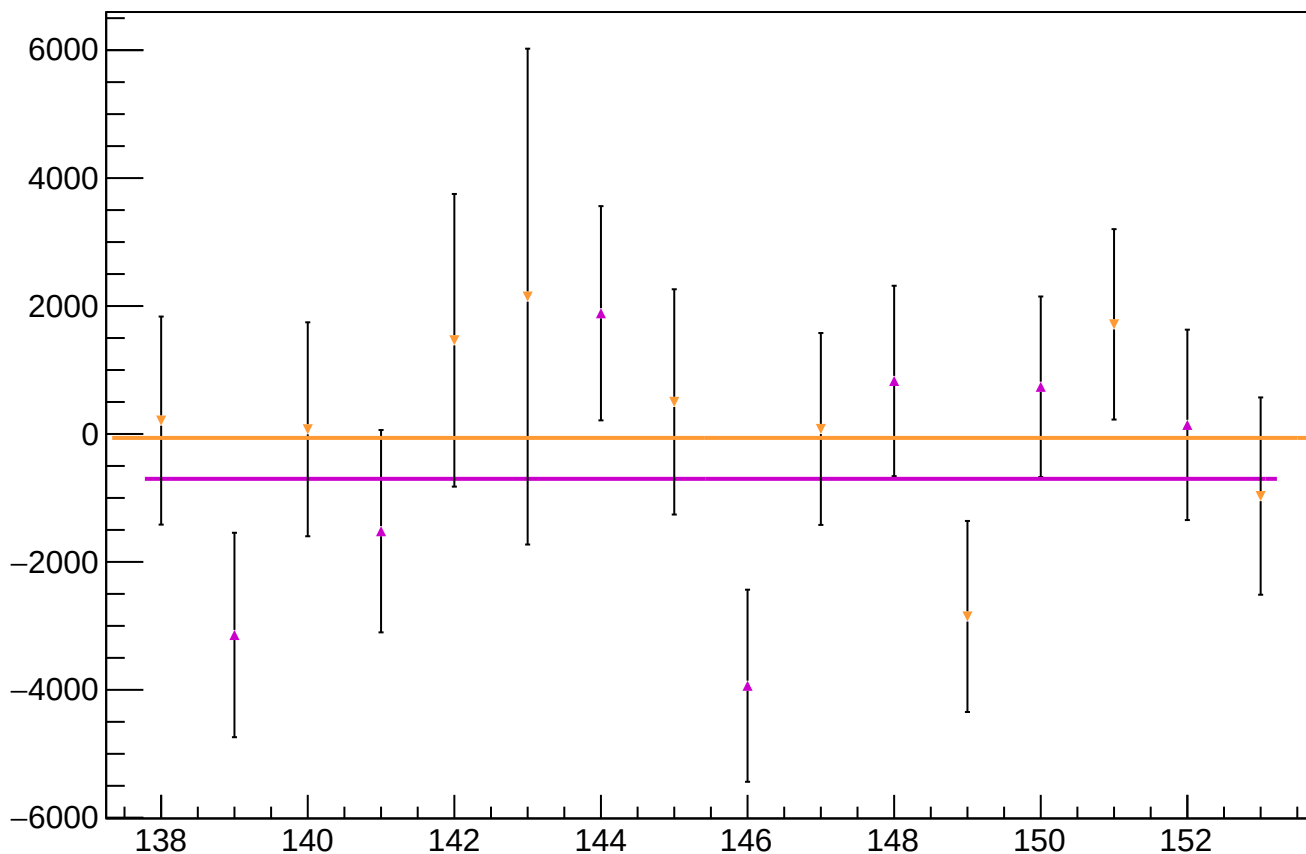
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 360.417+/-0.107 χ^2/NDF :326858.4/6

Out: 360.697+/-0.106 χ^2/NDF :1408731.1/8

All: 360.559+/-0.075 χ^2/NDF : 1735592.9/15

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.492+/-569.721 χ^2/NDF : 6.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -701.424+/-577.636 χ^2/NDF : 12.1/6

Left: -377.044+/-405.623 χ^2/NDF : 18.9/15

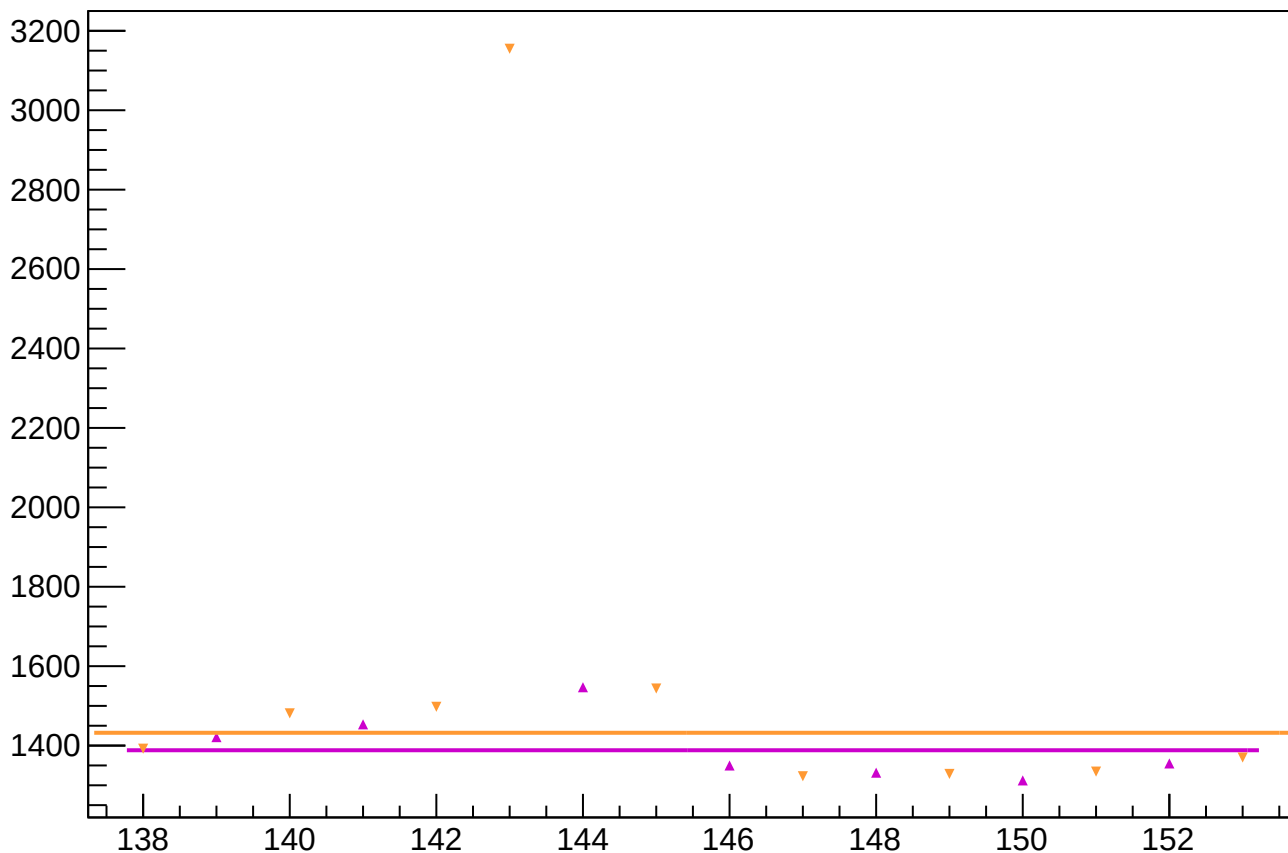
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -701.424+/-577.636 χ^2/NDF : 12.1/6

Out: -61.492+/-569.721 χ^2/NDF : 6.2/8

All: -377.044+/-405.623 χ^2/NDF : 18.9/15

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1432.268+/-0.403 χ^2/NDF :439855.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1388.269+/-0.408 χ^2/NDF :33197.7/6

Left: 1410.572+/-0.287 χ^2/NDF : 478935.4/15

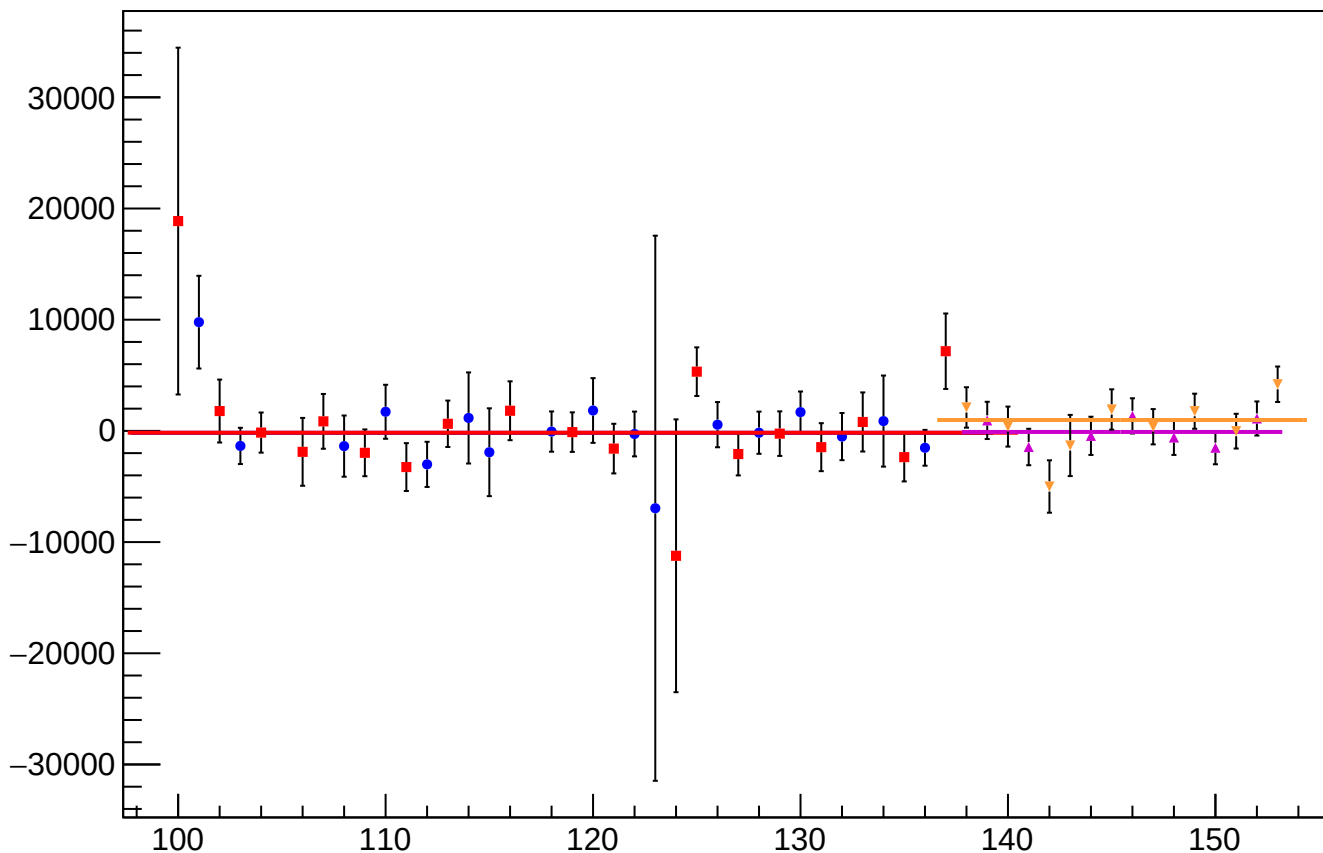
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1388.269+/-0.408 χ^2/NDF :33197.7/6

Out: 1432.268+/-0.403 χ^2/NDF :439855.5/8

All: 1410.572+/-0.287 χ^2/NDF : 478935.4/15

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841 $\pm$ 554.659 χ^2 /NDF: 11.8/16

Left Out: 978.073 $\pm$ 594.529 χ^2 /NDF:12.8/8

Right Out: -164.937 $\pm$ 540.101 χ^2 /NDF: 20.7/18

Left In: -95.980 $\pm$ 603.302 χ^2 /NDF:3.6/6

Left: 448.913 $\pm$ 423.463 χ^2 /NDF: 18.0/15

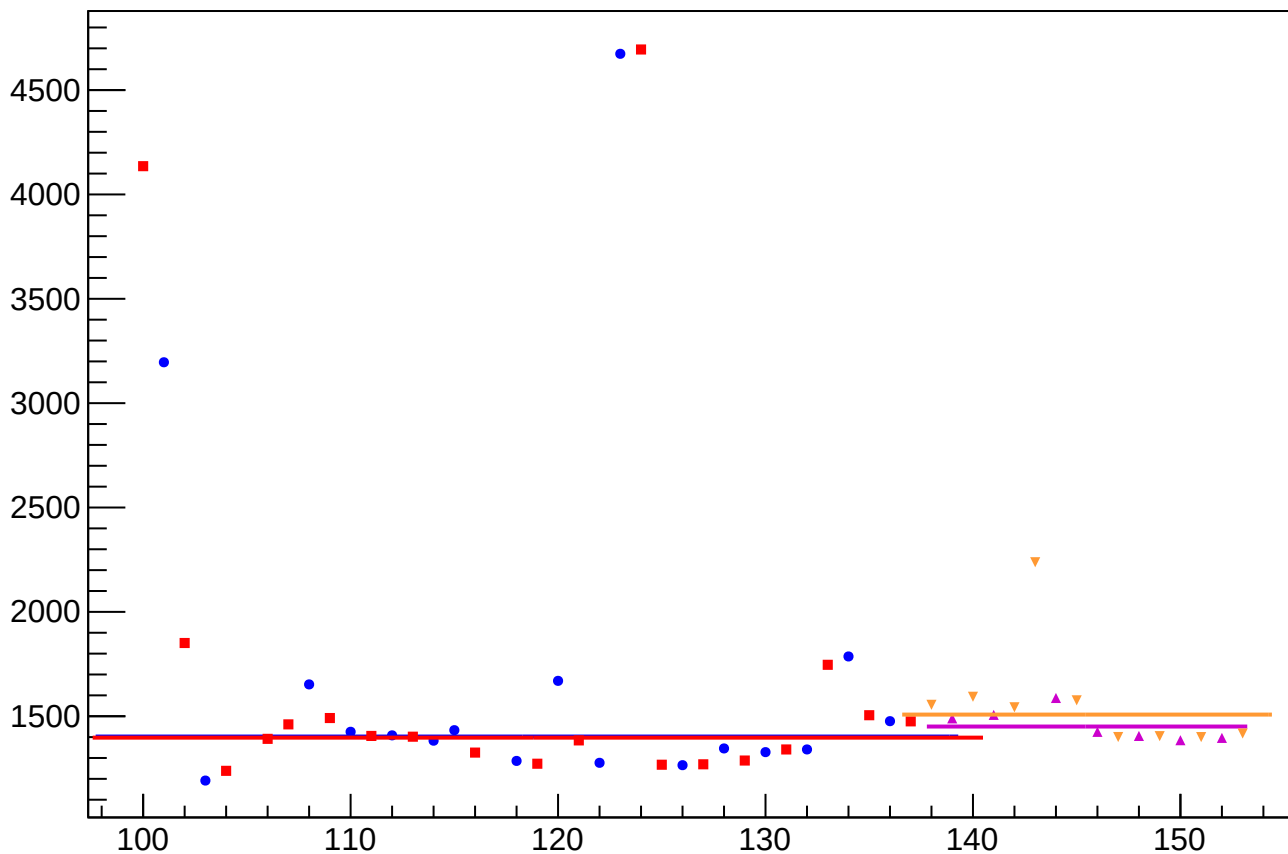
Right: -169.758 $\pm$ 386.953 χ^2 /NDF: 32.4/35

In: -138.718 $\pm$ 408.318 χ^2 /NDF:15.3/23

Out: 351.864 $\pm$ 399.770 χ^2 /NDF:35.5/27

All: 111.762 $\pm$ 285.654 χ^2 /NDF: 51.5/51

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709 $\pm$ 0.392 χ^2 /NDF: 526326.4/16

Left Out: 1507.903 $\pm$ 0.420 χ^2 /NDF: 183530.8/8

Right Out: 1397.442 $\pm$ 0.382 χ^2 /NDF: 353365.4/18

Left In: 1450.660 $\pm$ 0.427 χ^2 /NDF: 24648.7/6

Left: 1479.700 $\pm$ 0.299 χ^2 /NDF: 217314.0/15

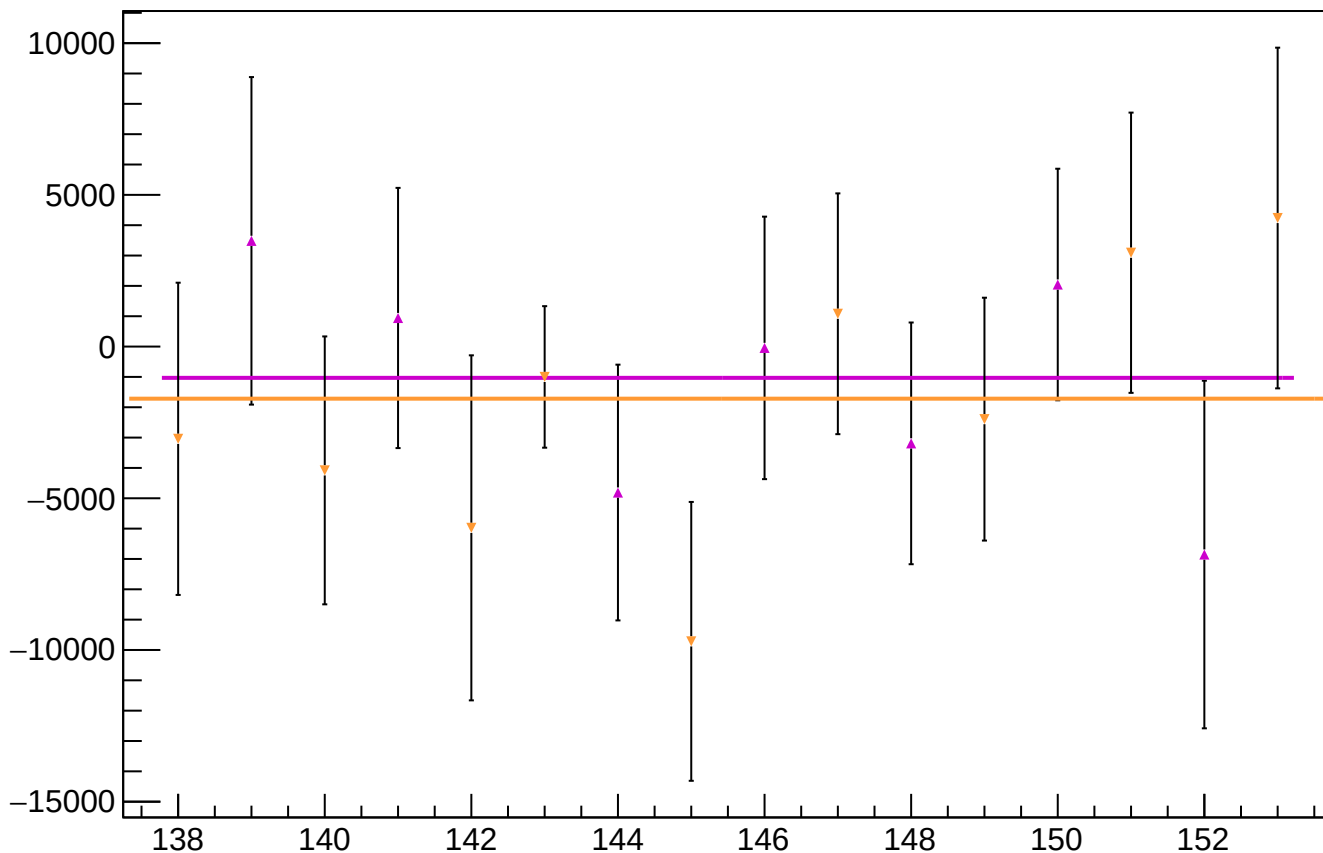
Right: 1400.004 $\pm$ 0.274 χ^2 /NDF: 879784.5/35

In: 1424.673 $\pm$ 0.289 χ^2 /NDF: 557822.2/23

Out: 1447.354 $\pm$ 0.283 χ^2 /NDF: 574739.6/27

All: 1436.257 $\pm$ 0.202 χ^2 /NDF: 1135713.6/51

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1717.154+/-1341.421 χ^2/NDF : 6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1030.919+/-1665.237 χ^2/NDF : 3.7/6

Left: -1447.096+/-1044.643 χ^2/NDF : 10.6/15

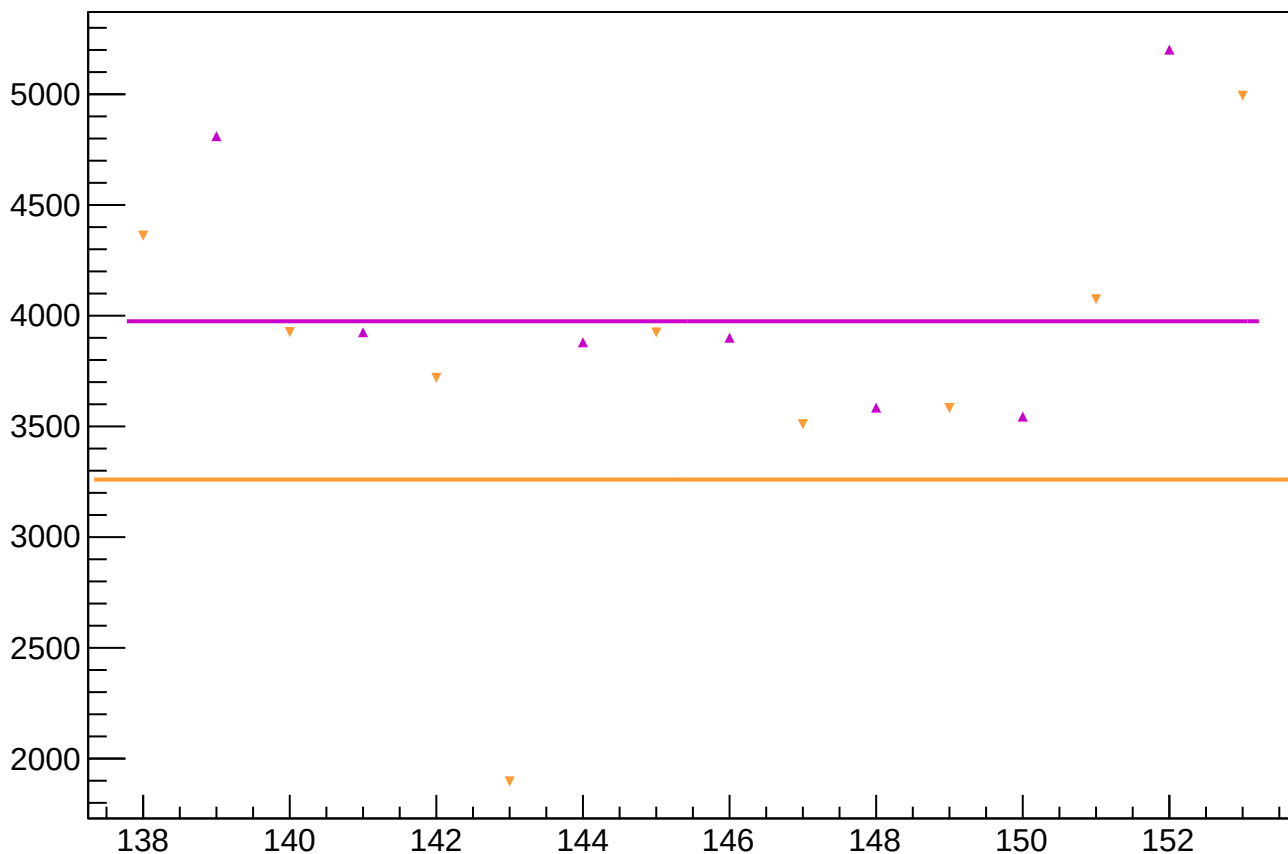
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1030.919+/-1665.237 χ^2/NDF : 3.7/6

Out: -1717.154+/-1341.421 χ^2/NDF : 6.8/8

All: -1447.096+/-1044.643 χ^2/NDF : 10.6/15

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3260.001+/-0.949 χ^2/NDF :1148848.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3974.777+/-1.178 χ^2/NDF :186190.9/6

Left: 3541.290+/-0.739 χ^2/NDF : 1558512.3/15

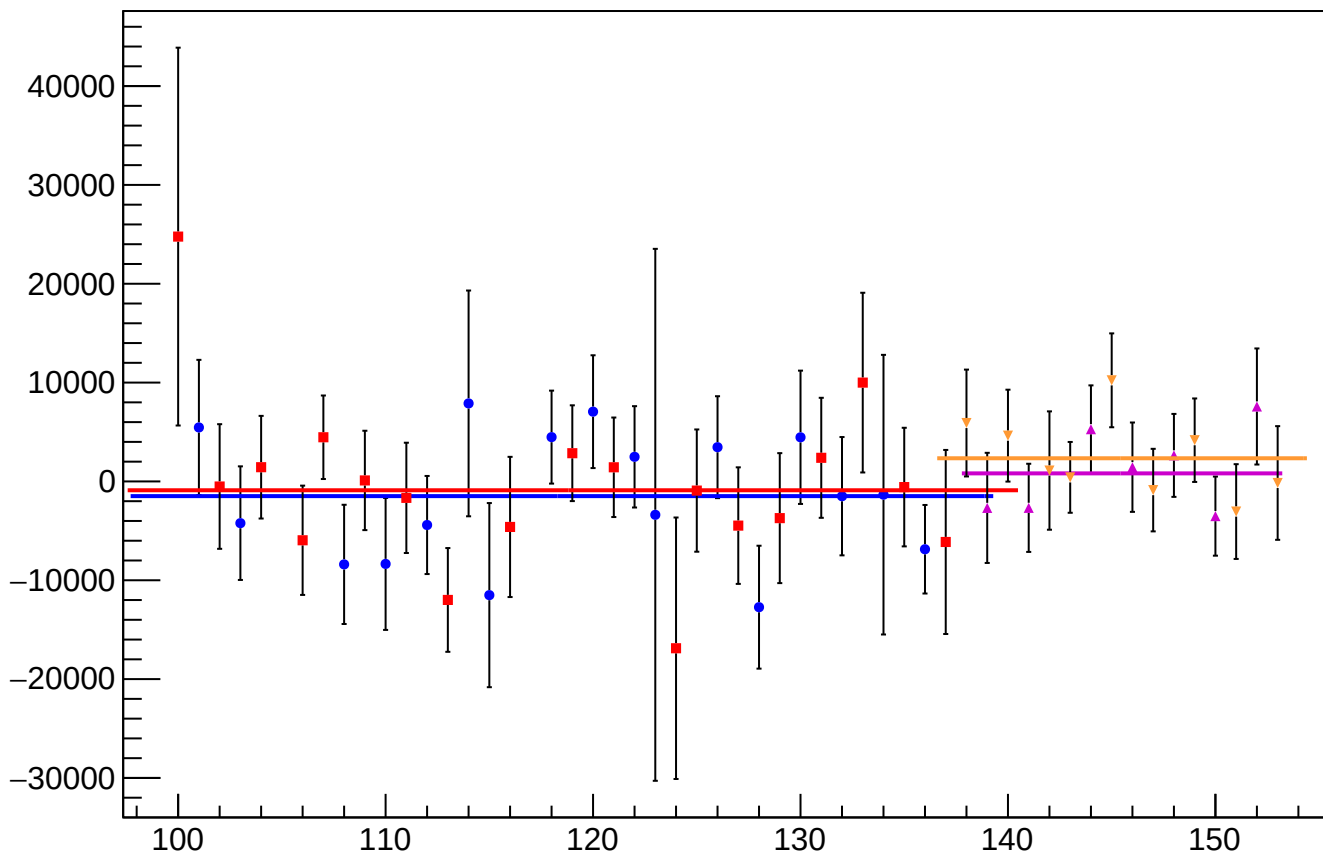
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3974.777+/-1.178 χ^2/NDF :186190.9/6

Out: 3260.001+/-0.949 χ^2/NDF :1148848.9/8

All: 3541.290+/-0.739 χ^2/NDF : 1558512.3/15

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038 ± 1499.116 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 2343.098 ± 1547.090 $\chi^2/\text{NDF}: 6.0/8$

Right Out: -894.160 ± 1378.910 $\chi^2/\text{NDF}: 14.1/18$

Left In: 814.520 ± 1739.508 $\chi^2/\text{NDF}: 4.7/6$

Left: 1667.996 ± 1156.026 $\chi^2/\text{NDF}: 11.2/15$

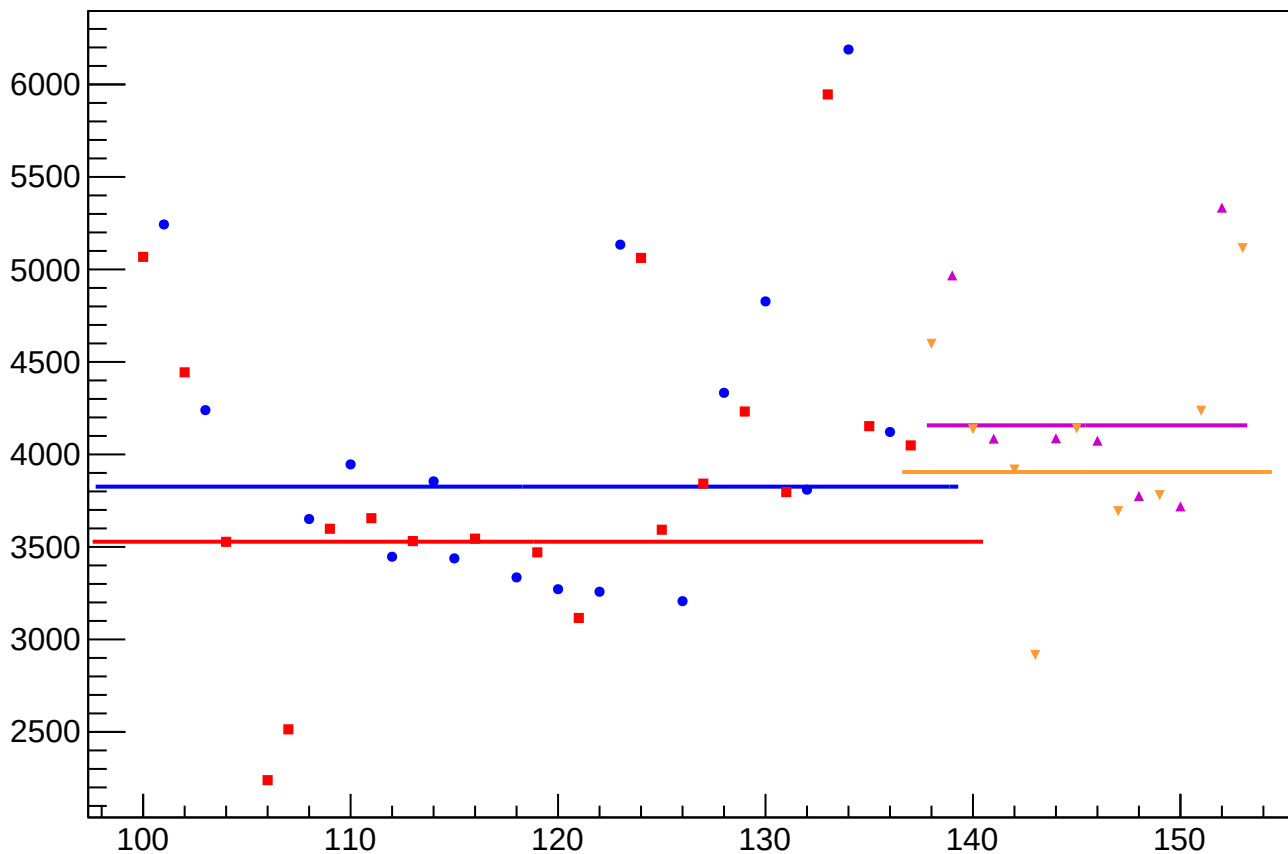
Right: -1165.879 ± 1014.876 $\chi^2/\text{NDF}: 30.9/35$

In: -506.160 ± 1135.594 $\chi^2/\text{NDF}: 22.4/23$

Out: 539.011 ± 1029.380 $\chi^2/\text{NDF}: 22.6/27$

All: 67.579 ± 762.674 $\chi^2/\text{NDF}: 45.4/51$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844+/-1.060 χ^2/NDF : 334404.3/16

Left Out: 3904.956+/-1.094 χ^2/NDF : 300158.3/8

Right Out: 3528.289+/-0.966 χ^2/NDF : 555414.1/18

Left In: 4157.277+/-1.230 χ^2/NDF : 164892.4/6

Left: 4016.395+/-0.817 χ^2/NDF : 488546.3/15

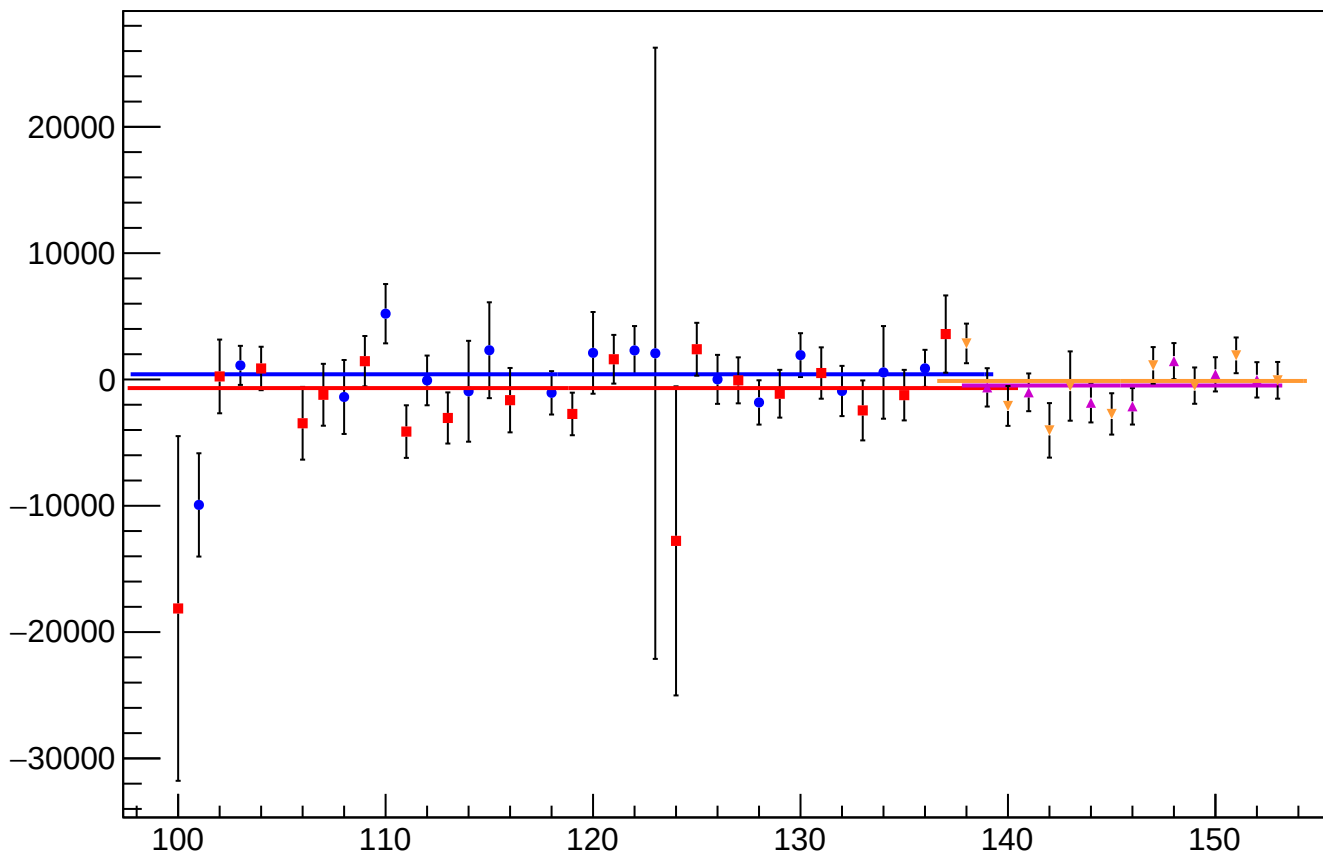
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

In: 3967.090+/-0.803 χ^2/NDF : 540960.0/23

Out: 3693.349+/-0.724 χ^2/NDF : 922174.5/27

All: 3816.131+/-0.538 χ^2/NDF : 1527225.0/51

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419+/-527.980 χ^2/NDF : 16.5/16

Left Out: -117.208+/-537.123 χ^2/NDF :13.9/8

Right Out: -682.176+/-510.196 χ^2/NDF : 18.0/18

Left In: -477.655+/-548.944 χ^2/NDF :4.6/6

Left: -293.509+/-383.915 χ^2/NDF : 18.7/15

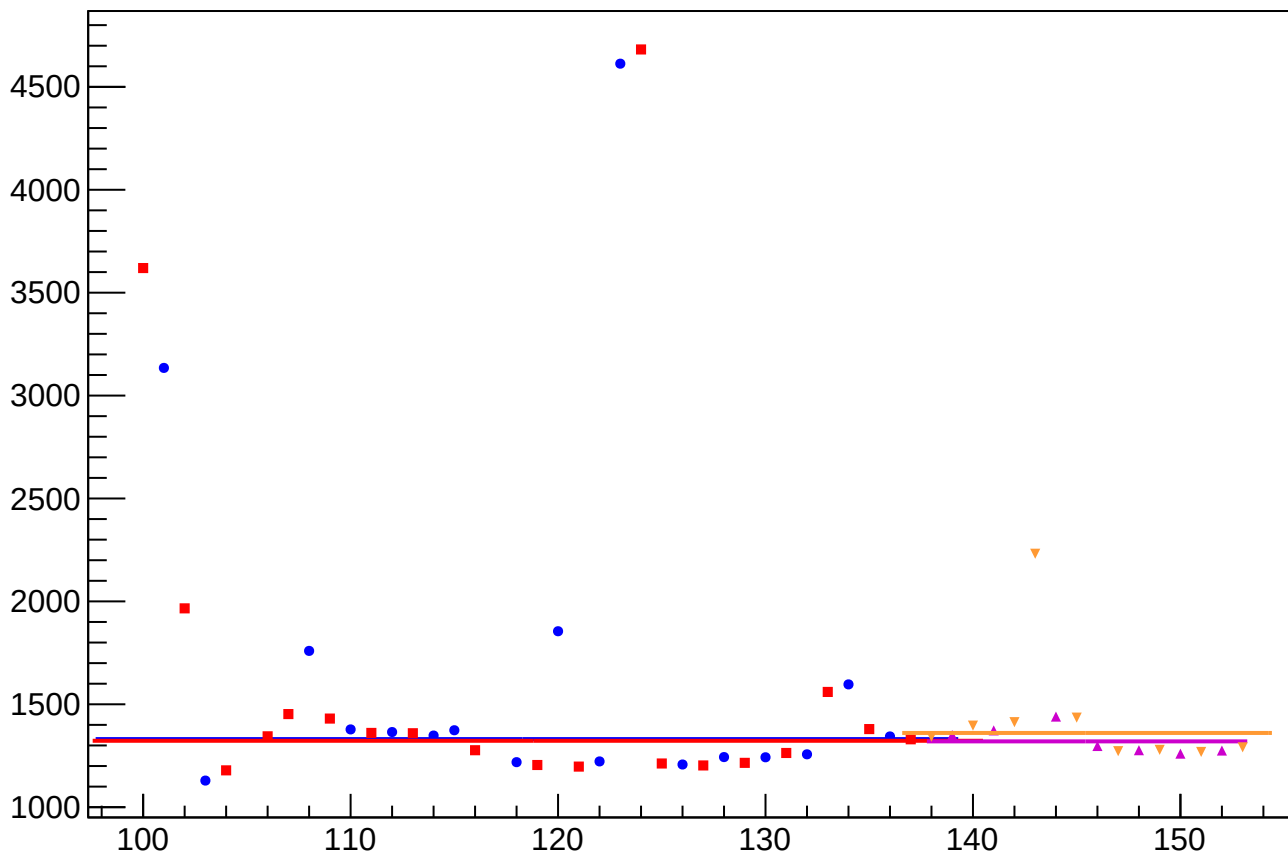
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: -15.817+/-380.534 χ^2/NDF :22.5/23

Out: -414.208+/-369.916 χ^2/NDF :32.5/27

All: -220.648+/-265.245 χ^2/NDF : 55.5/51

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889+/-0.373 χ^2/NDF : 603474.5/16

Left Out: 1360.750+/-0.380 χ^2/NDF : 235142.7/8

Right Out: 1322.706+/-0.361 χ^2/NDF : 394413.6/18

Left In: 1319.788+/-0.388 χ^2/NDF : 23492.4/6

Left: 1340.715+/-0.271 χ^2/NDF : 264324.4/15

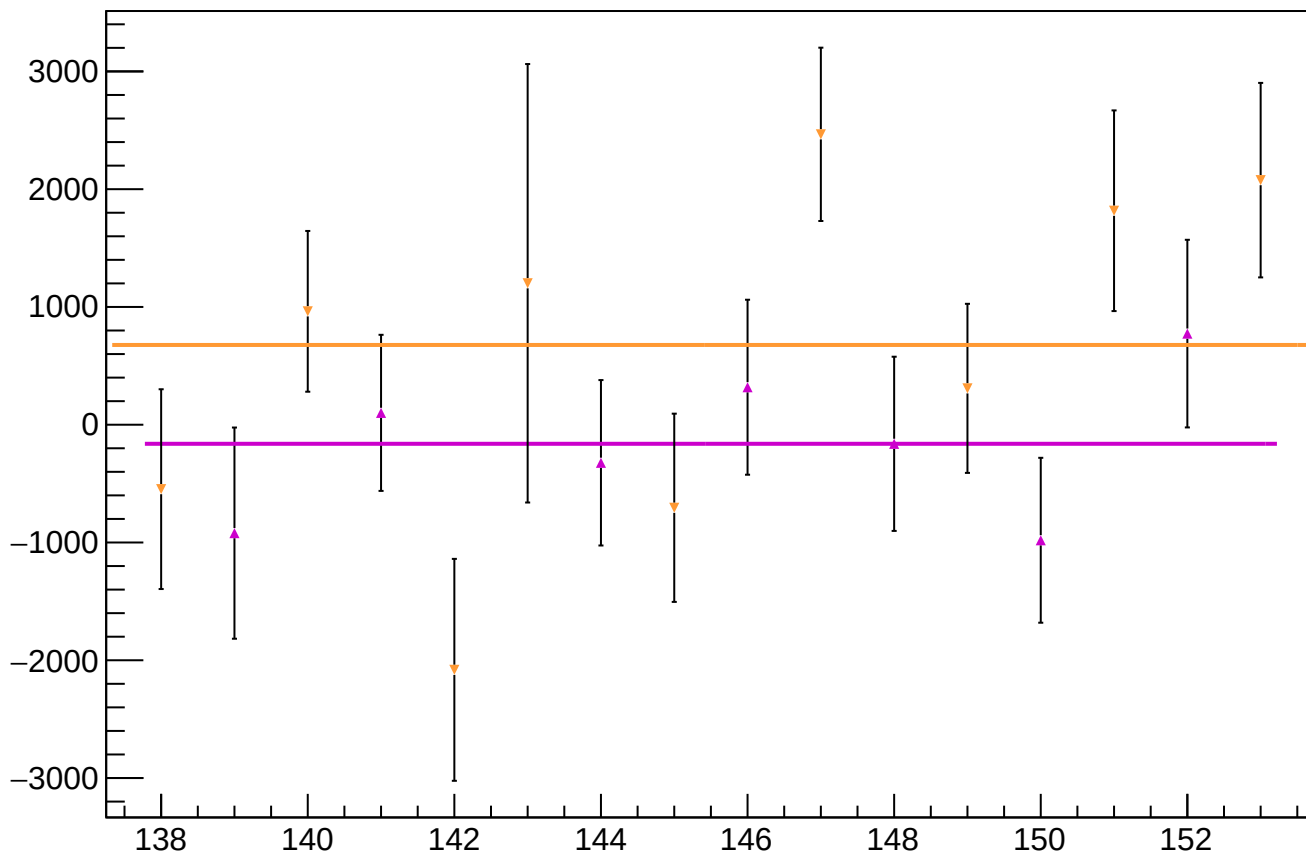
Right: 1326.657+/-0.259 χ^2/NDF : 998136.6/35

In: 1325.555+/-0.269 χ^2/NDF : 627391.8/23

Out: 1340.750+/-0.262 χ^2/NDF : 634831.0/27

All: 1333.367+/-0.188 χ^2/NDF : 1263862.5/51

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 677.295+/-275.776 χ^2/NDF :24.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -161.918+/-279.462 χ^2/NDF :4.1/6

Left: 263.260+/-196.293 χ^2/NDF : 33.4/15

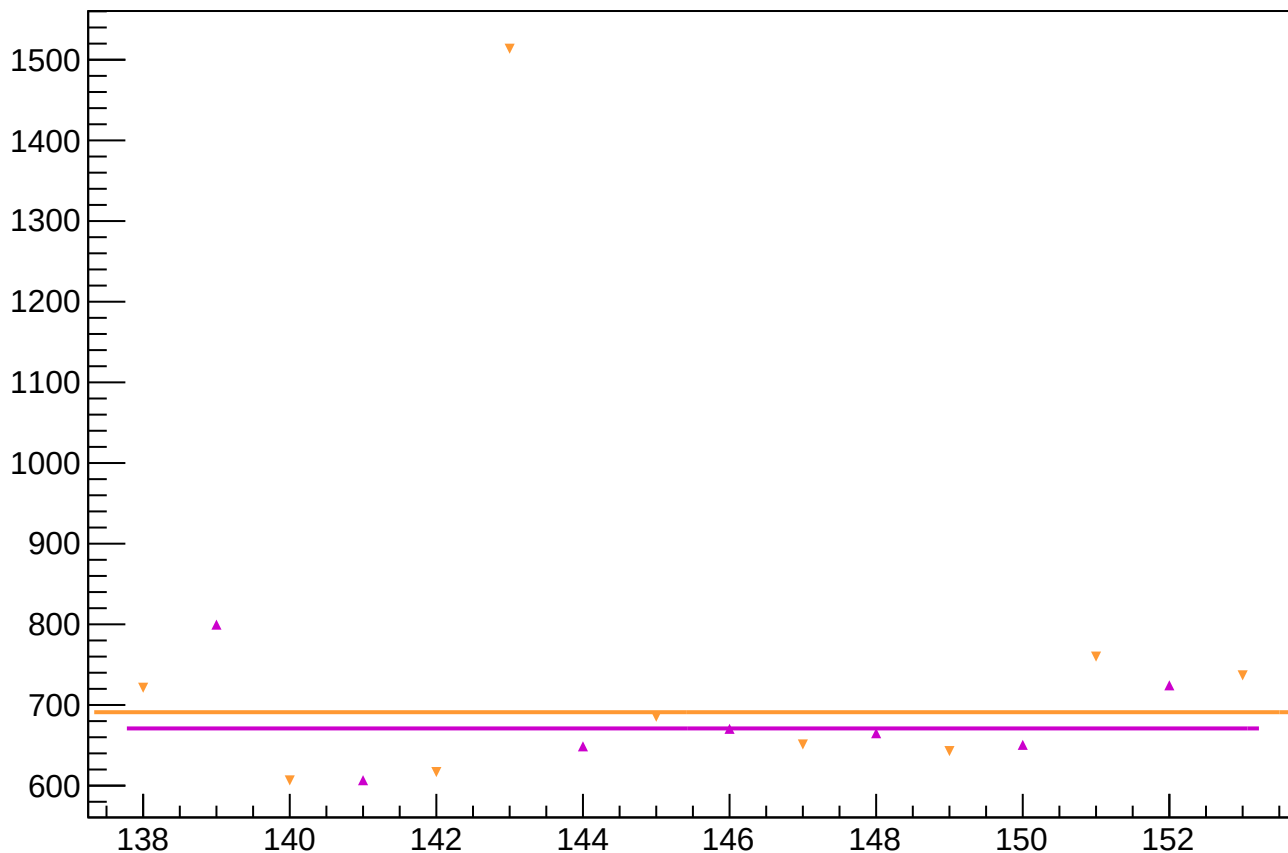
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -161.918+/-279.462 χ^2/NDF :4.1/6

Out: 677.295+/-275.776 χ^2/NDF :24.7/8

All: 263.260+/-196.293 χ^2/NDF : 33.4/15

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 691.060+/-0.195 χ^2/NDF : 470420.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 670.933+/-0.198 χ^2/NDF : 72788.2/6

Left: 681.130+/-0.139 χ^2/NDF : 548464.2/15

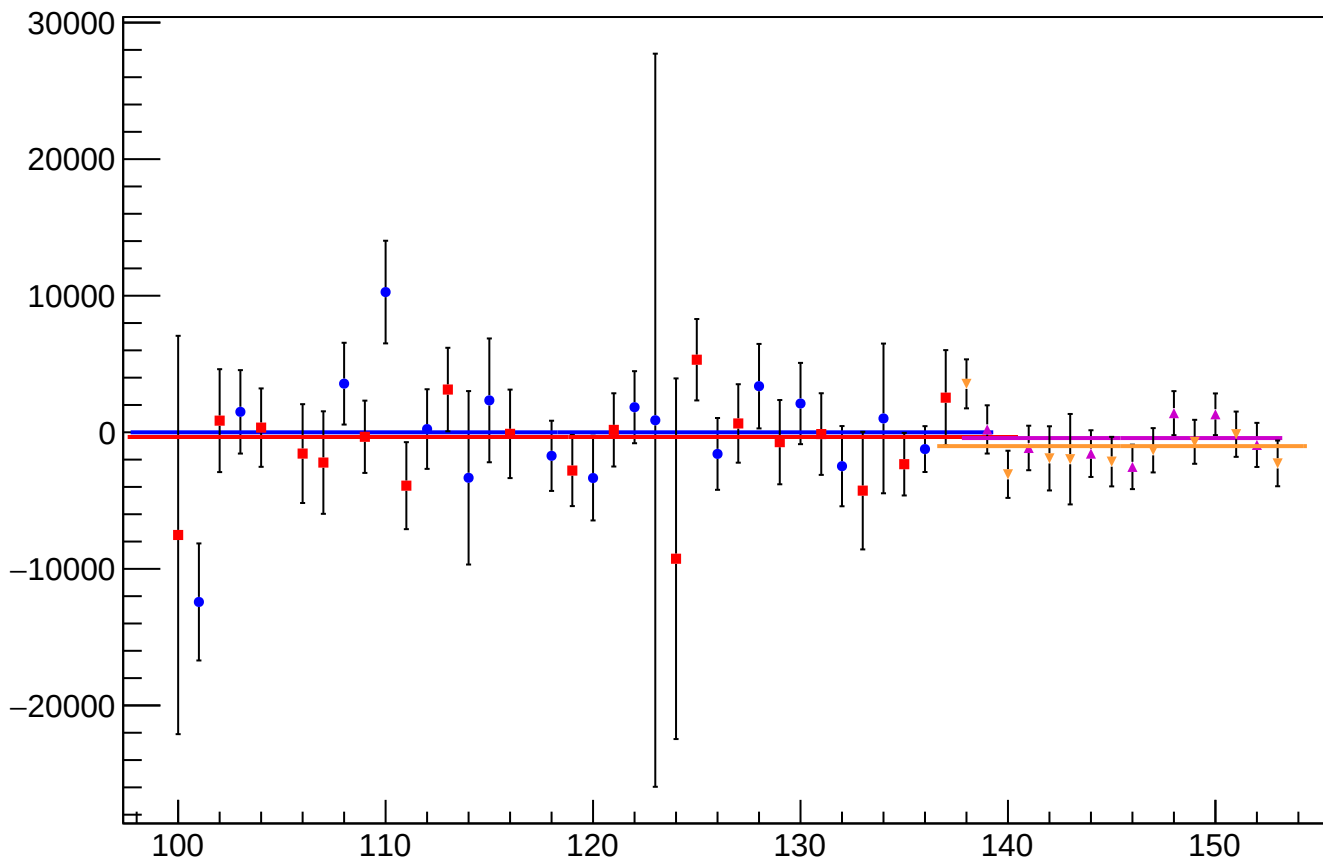
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.933+/-0.198 χ^2/NDF : 72788.2/6

Out: 691.060+/-0.195 χ^2/NDF : 470420.4/8

All: 681.130+/-0.139 χ^2/NDF : 548464.2/15

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204 ± 745.061 χ^2/NDF : 23.5/16

Left Out: -1012.726 ± 607.511 χ^2/NDF : 9.4/8

Right Out: -345.148 ± 733.723 χ^2/NDF : 10.7/18

Left In: -422.168 ± 618.538 χ^2/NDF : 5.1/6

Left: -722.758 ± 433.421 χ^2/NDF : 15.0/15

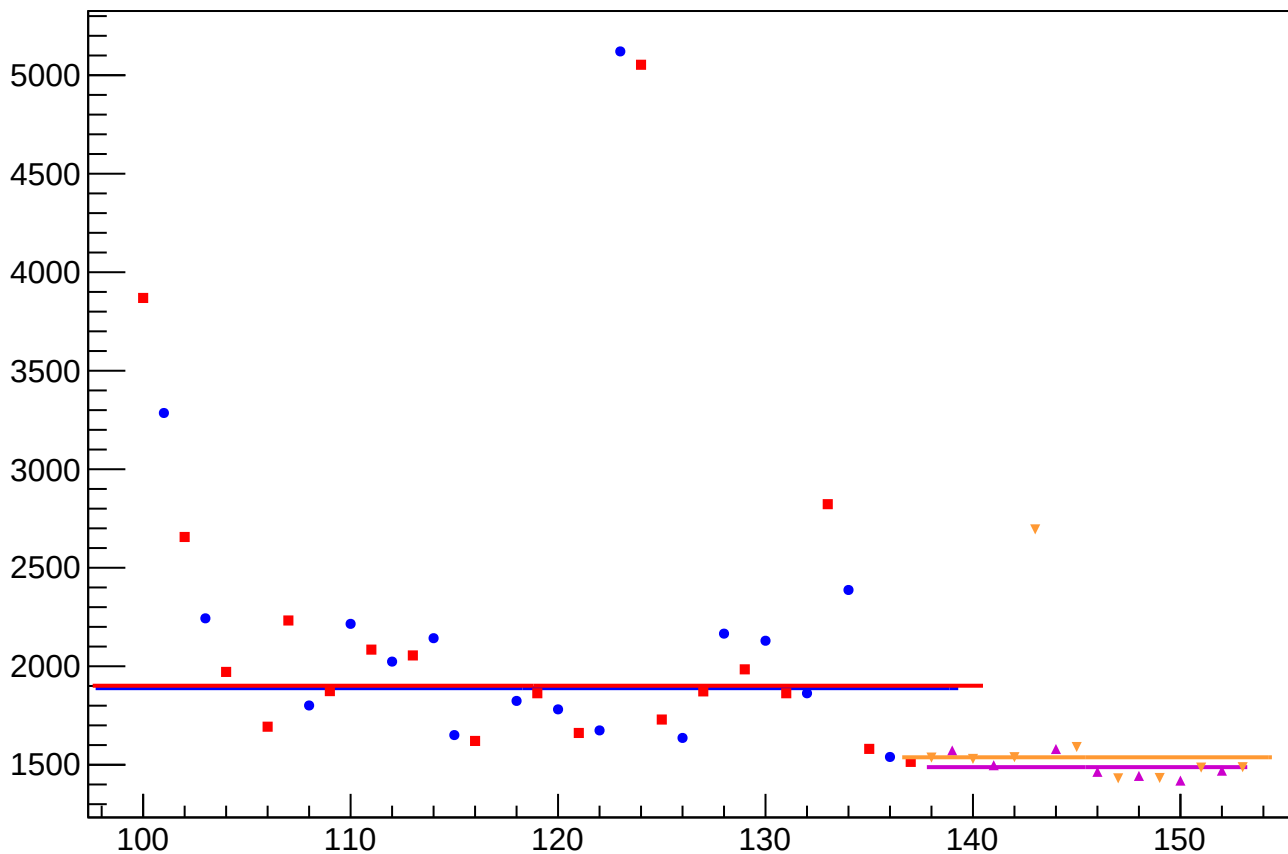
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

In: -250.820 ± 475.910 χ^2/NDF : 28.8/23

Out: -741.206 ± 467.931 χ^2/NDF : 20.6/27

All: -500.158 ± 333.663 χ^2/NDF : 50.0/51

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1538.020+/-0.430 χ^2/NDF : 266787.1/8

Right Out: 1901.248+/-0.519 χ^2/NDF : 461424.3/18

Left In: 1488.047+/-0.437 χ^2/NDF : 16638.8/6

Left: 1513.483+/-0.306 χ^2/NDF : 290070.6/15

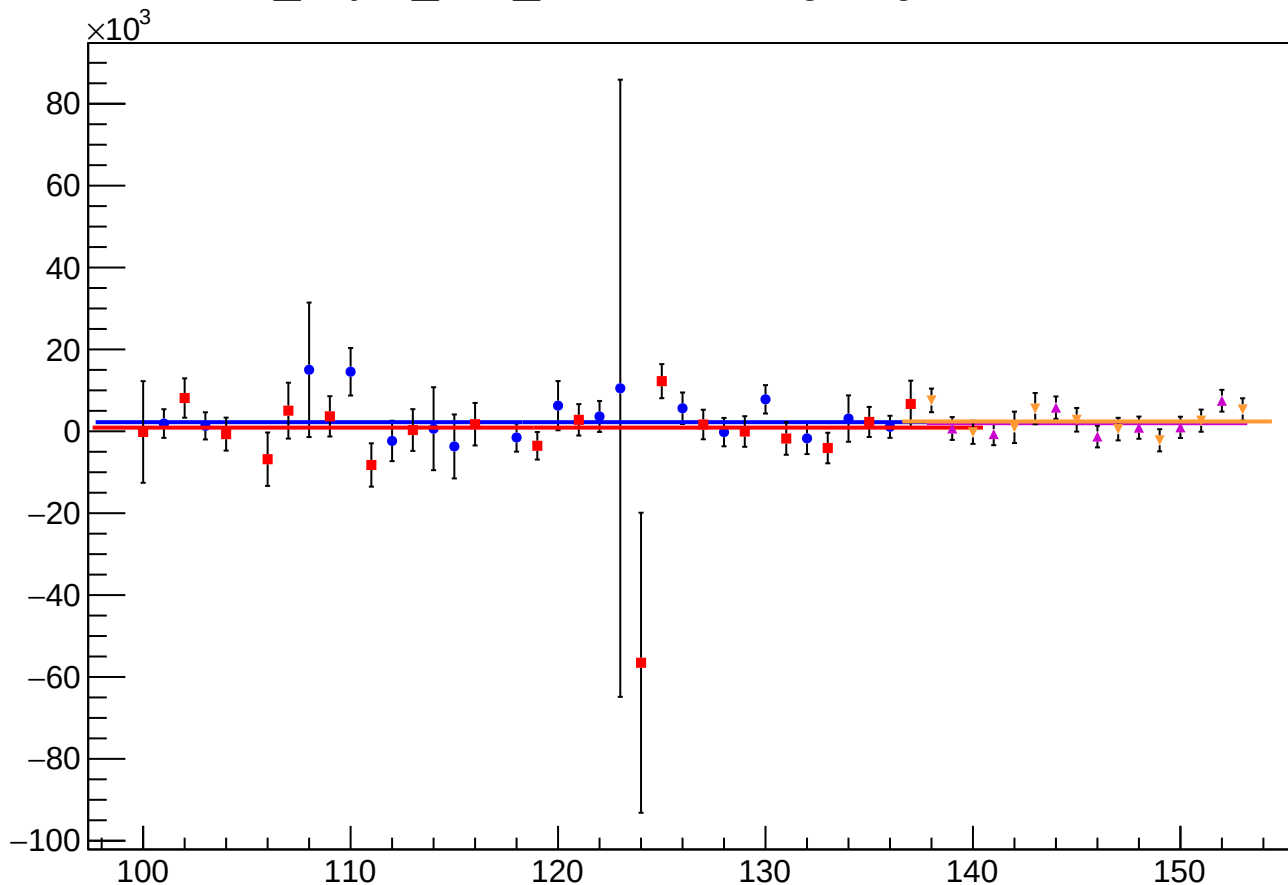
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

In: 1651.562+/-0.337 χ^2/NDF : 825046.3/23

Out: 1685.756+/-0.331 χ^2/NDF : 1019007.4/27

All: 1668.948+/-0.236 χ^2/NDF : 1849303.5/51

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517 ± 1039.288 $\chi^2/\text{NDF}: 13.6/16$

Left Out: 2405.178 ± 979.534 $\chi^2/\text{NDF}: 9.4/8$

Right Out: 907.837 ± 1046.878 $\chi^2/\text{NDF}: 22.9/18$

Left In: 1980.855 ± 1016.992 $\chi^2/\text{NDF}: 9.2/6$

Left: 2200.975 ± 705.506 $\chi^2/\text{NDF}: 18.7/15$

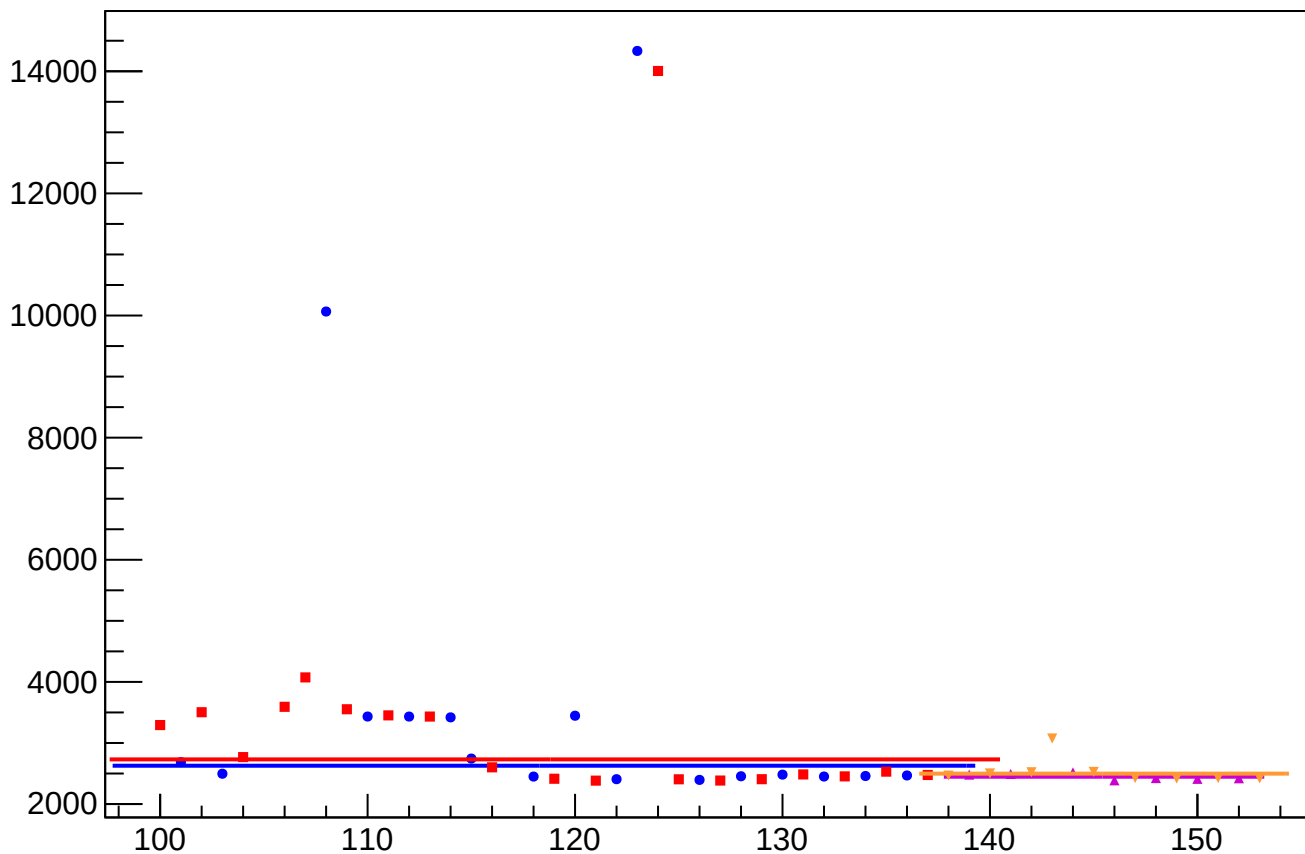
Right: 1572.479 ± 737.556 $\chi^2/\text{NDF}: 37.3/35$

In: 2101.512 ± 726.877 $\chi^2/\text{NDF}: 22.8/23$

Out: 1706.214 ± 715.259 $\chi^2/\text{NDF}: 33.4/27$

All: 1900.679 ± 509.822 $\chi^2/\text{NDF}: 56.3/51$

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF : 644396.7/16

Left Out: 2498.024+/-0.693 χ^2/NDF : 52381.0/8

Right Out: 2731.271+/-0.740 χ^2/NDF : 598207.5/18

Left In: 2447.491+/-0.719 χ^2/NDF : 3886.6/6

Left: 2473.705+/-0.499 χ^2/NDF : 58829.1/15

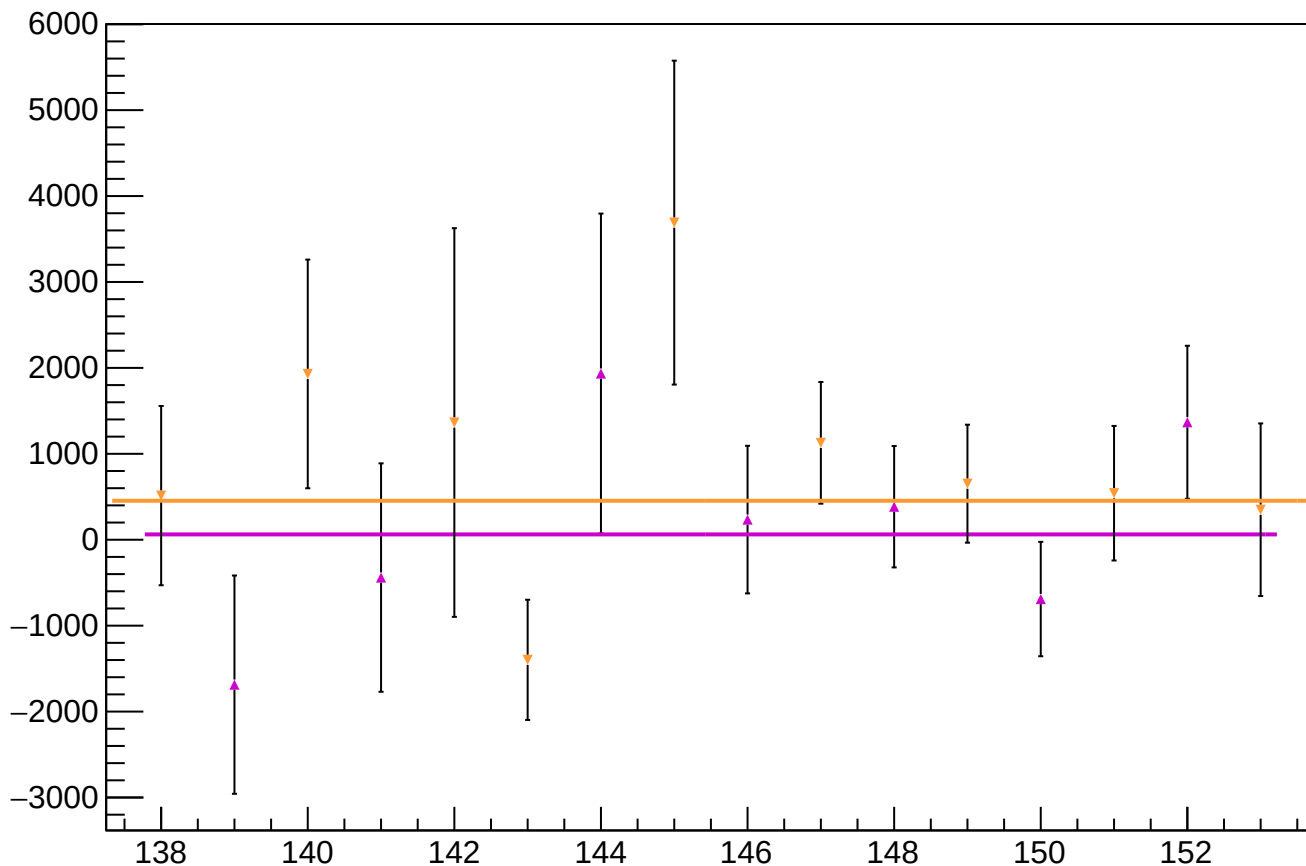
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

In: 2535.578+/-0.514 χ^2/NDF : 678957.2/23

Out: 2606.904+/-0.506 χ^2/NDF : 703525.2/27

All: 2571.816+/-0.360 χ^2/NDF : 1392266.4/51

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 453.682+/-305.098 χ^2/NDF :12.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 62.156+/-346.004 χ^2/NDF :6.7/6

Left: 282.421+/-228.839 χ^2/NDF : 19.8/15

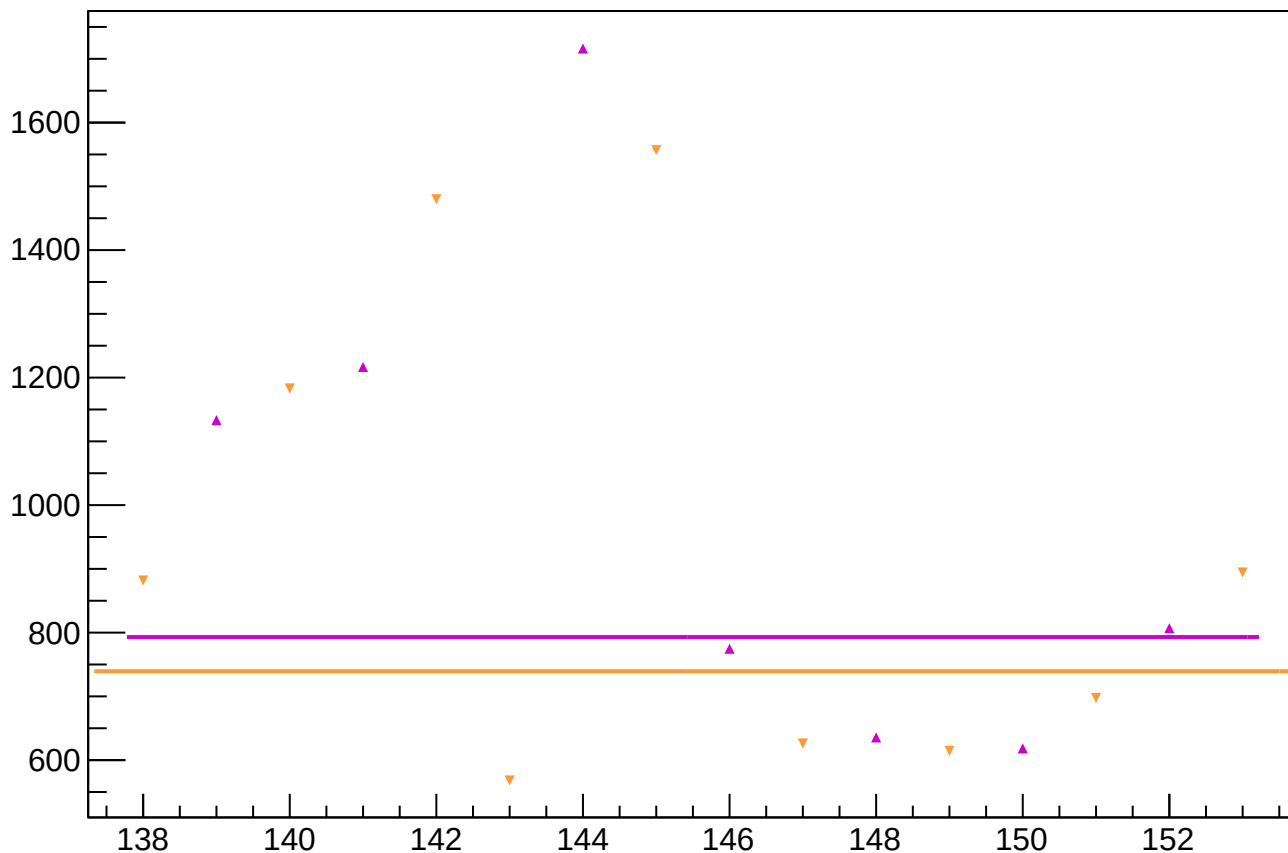
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.156+/-346.004 χ^2/NDF :6.7/6

Out: 453.682+/-305.098 χ^2/NDF :12.4/8

All: 282.421+/-228.839 χ^2/NDF : 19.8/15

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 739.427+/-0.216 χ^2/NDF :1140267.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 793.048+/-0.245 χ^2/NDF :1076691.0/6

Left: 762.882+/-0.162 χ^2/NDF : 2243980.5/15

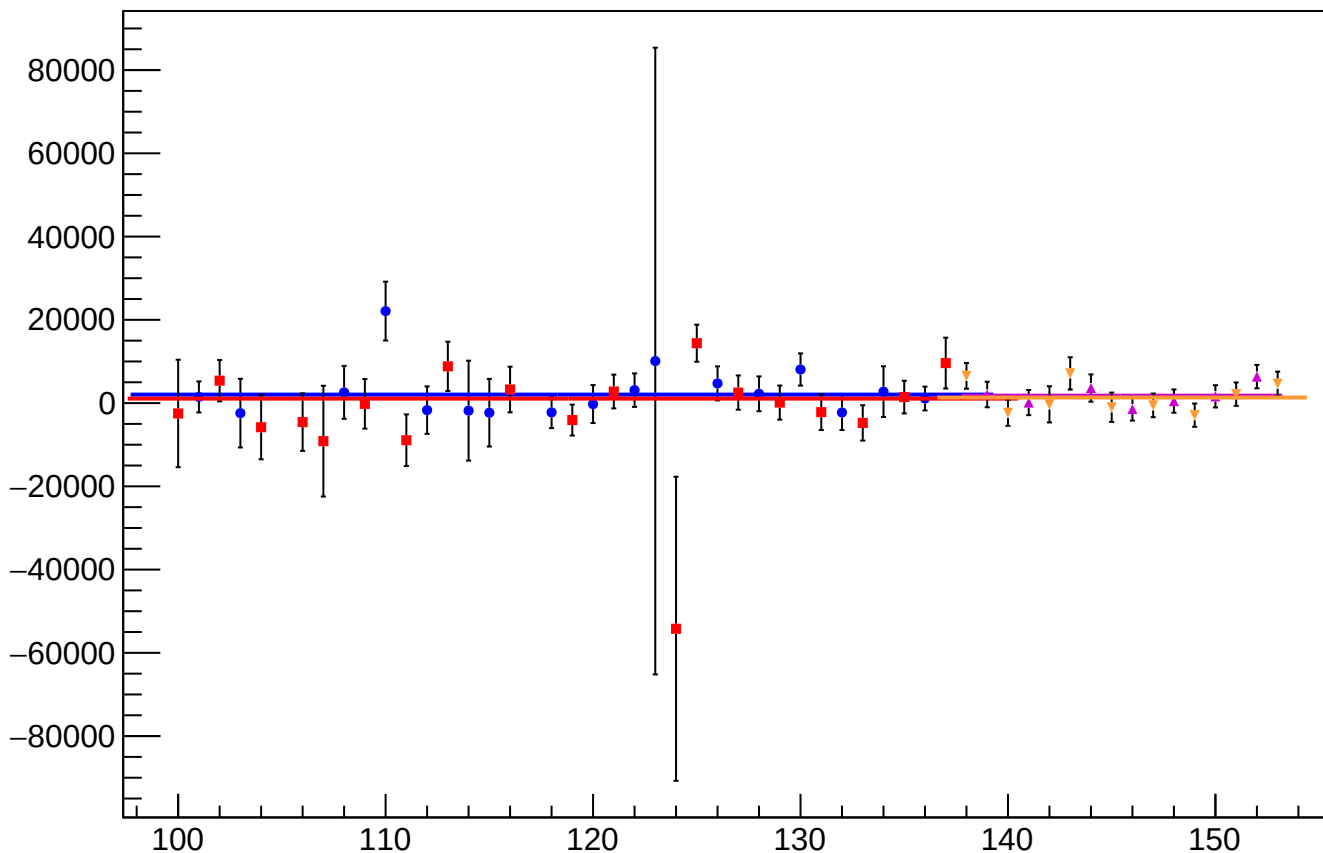
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 793.048+/-0.245 χ^2/NDF :1076691.0/6

Out: 739.427+/-0.216 χ^2/NDF :1140267.0/8

All: 762.882+/-0.162 χ^2/NDF : 2243980.5/15

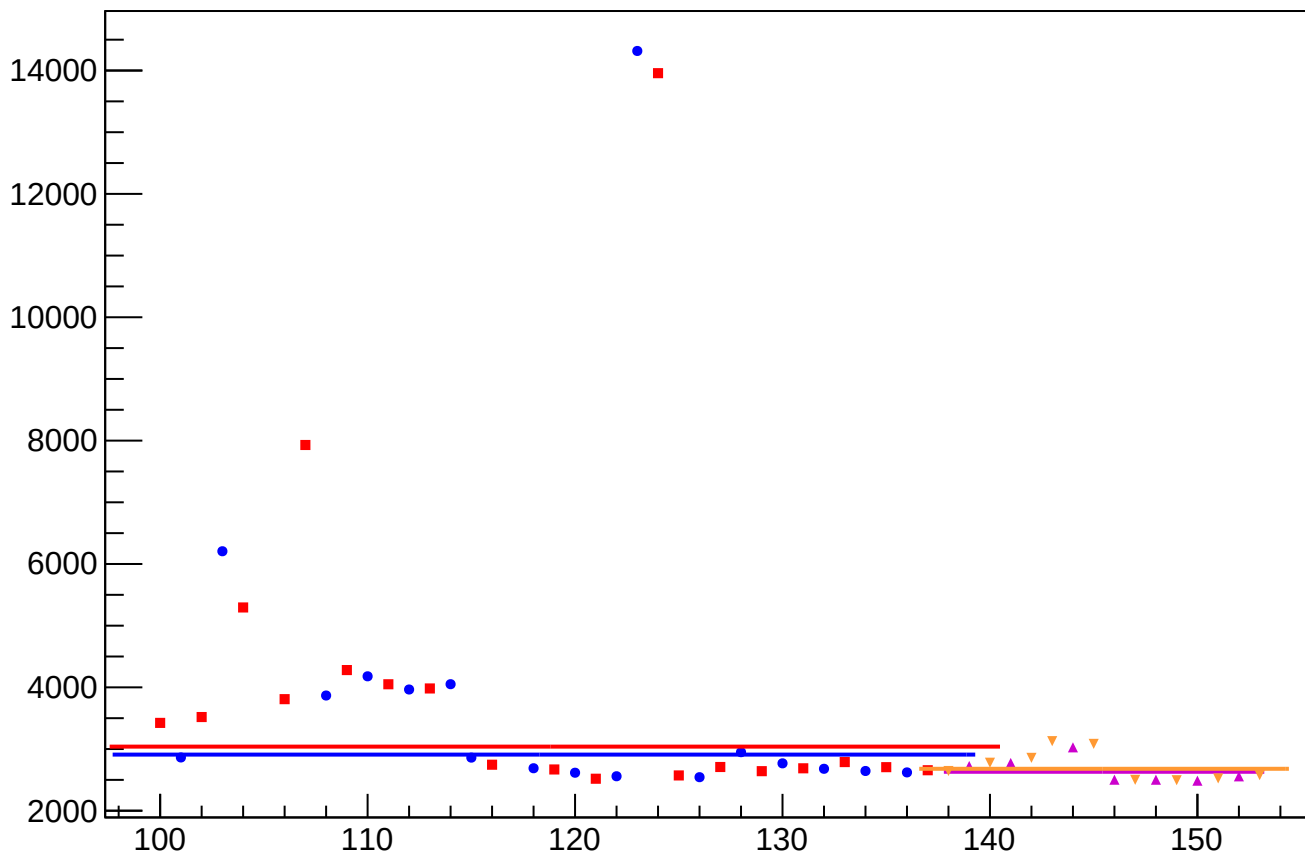
asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16
Left Out: 1334.146+/-1052.300 χ^2/NDF : 11.2/8
Right Out: 1080.125+/-1186.666 χ^2/NDF : 25.3/18
Left In: 1777.665+/-1095.847 χ^2/NDF : 4.8/6

Left: 1546.918+/-759.017 χ^2/NDF : 16.1/15
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35
In: 1901.305+/-793.800 χ^2/NDF : 19.7/23
Out: 1222.326+/-787.326 χ^2/NDF : 36.5/27
All: 1559.035+/-558.999 χ^2/NDF : 56.6/51

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF : 641894.7/16

Left Out: 2679.687+/-0.744 χ^2/NDF : 83916.4/8

Right Out: 3039.118+/-0.839 χ^2/NDF : 1011306.5/18

Left In: 2631.199+/-0.775 χ^2/NDF : 51264.6/6

Left: 2656.426+/-0.537 χ^2/NDF : 137218.1/15

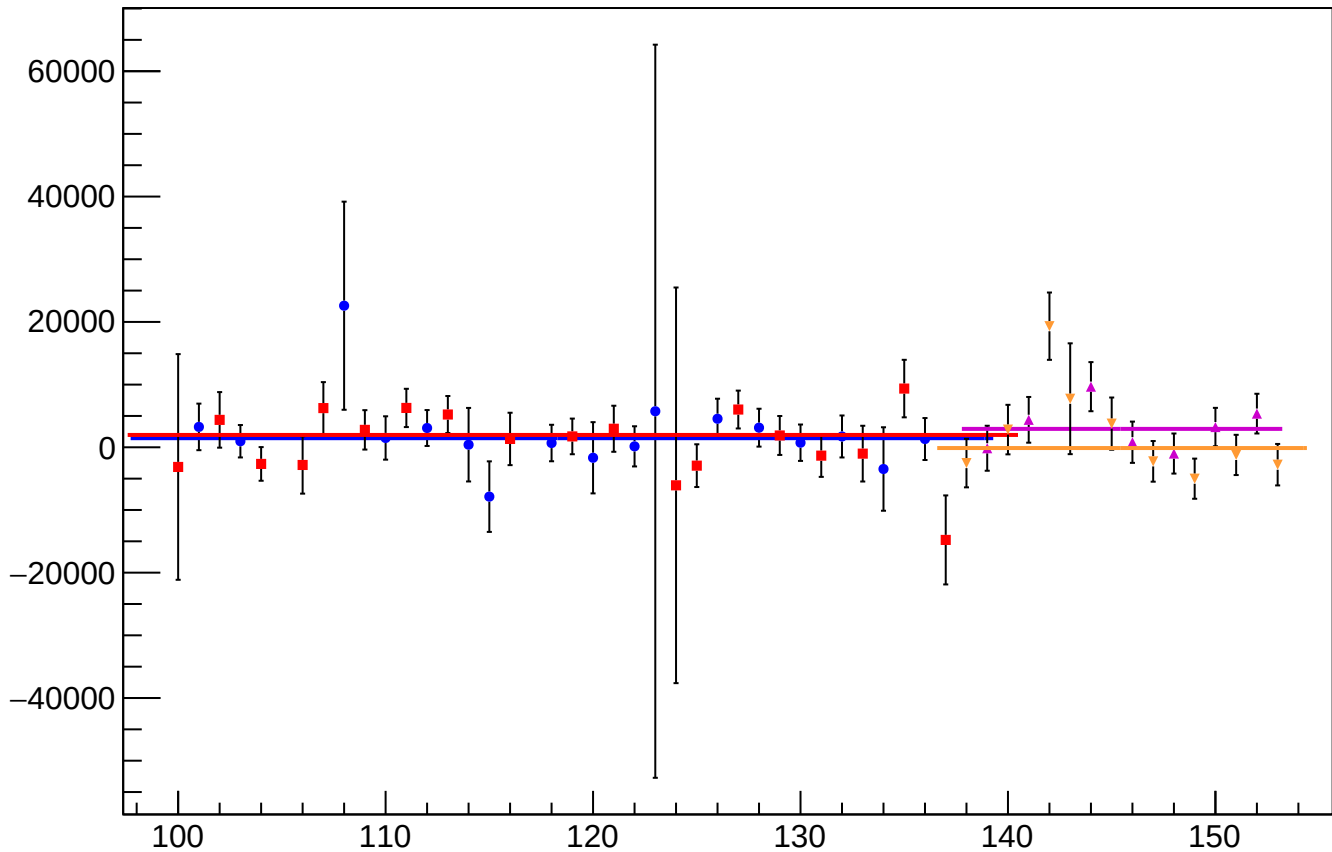
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

In: 2763.582+/-0.561 χ^2/NDF : 754569.3/23

Out: 2837.909+/-0.557 χ^2/NDF : 1197938.3/27

All: 2801.050+/-0.395 χ^2/NDF : 1961346.8/51

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF : 7.4/16

Left Out: -120.272+/-1273.166 χ^2/NDF :19.2/8

Right Out: 1969.182+/-850.490 χ^2/NDF : 22.4/18

Left In: 2935.833+/-1275.828 χ^2/NDF :6.4/6

Left: 1404.589+/-901.204 χ^2/NDF : 28.5/15

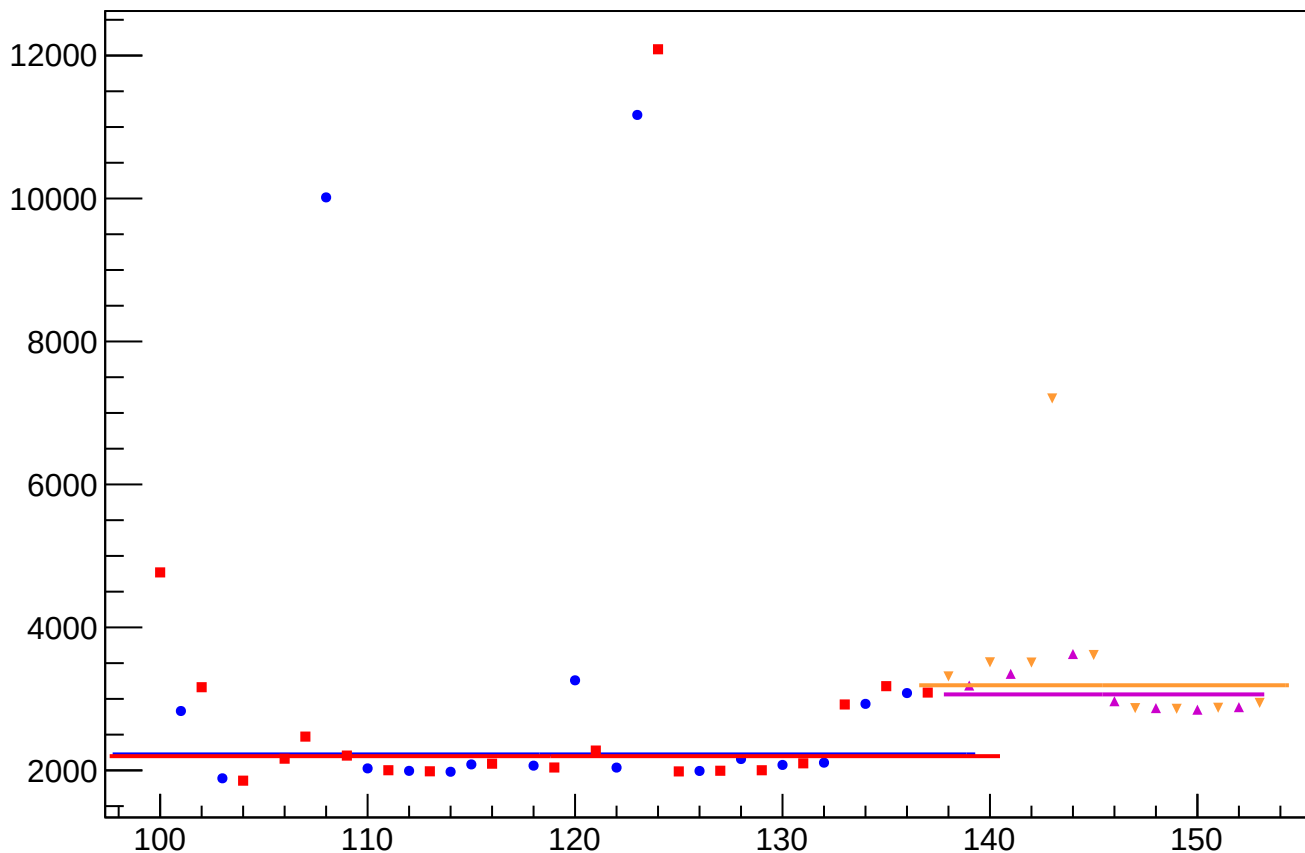
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

In: 1936.970+/-729.396 χ^2/NDF :14.7/23

Out: 1324.477+/-707.211 χ^2/NDF :43.5/27

All: 1621.268+/-507.736 χ^2/NDF : 58.5/51

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 ± 0.629 $\chi^2/\text{NDF}: 850289.4/16$

Left Out: 3190.623 ± 0.900 $\chi^2/\text{NDF}: 525773.0/8$

Right Out: 2198.760 ± 0.601 $\chi^2/\text{NDF}: 602418.1/18$

Left In: 3062.801 ± 0.902 $\chi^2/\text{NDF}: 81343.8/6$

Left: 3126.846 ± 0.637 $\chi^2/\text{NDF}: 617175.2/15$

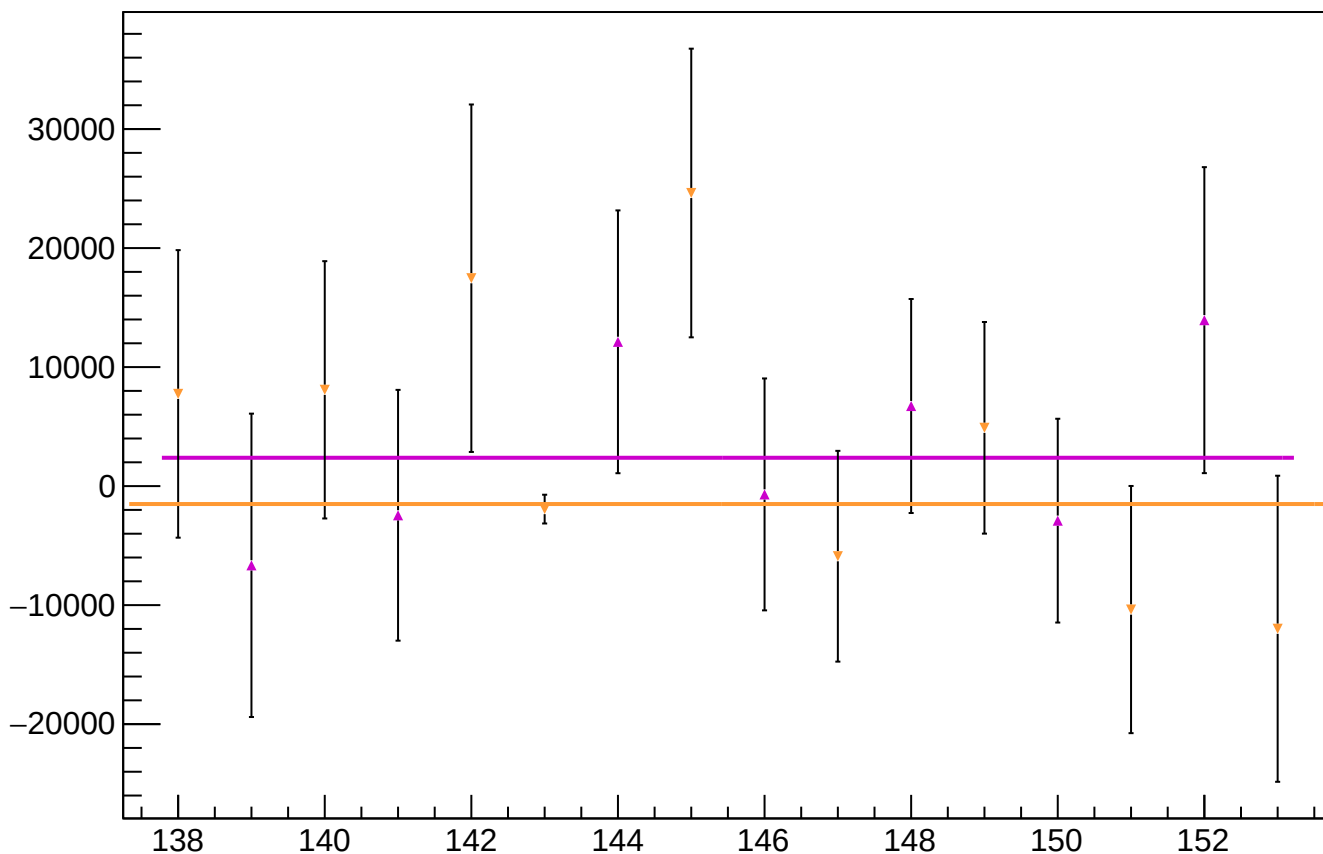
Right: 2210.398 ± 0.434 $\chi^2/\text{NDF}: 1453492.9/35$

In: 2497.574 ± 0.516 $\chi^2/\text{NDF}: 1514779.9/23$

Out: 2504.494 ± 0.500 $\chi^2/\text{NDF}: 1967877.1/27$

All: 2501.143 ± 0.359 $\chi^2/\text{NDF}: 3482749.8/51$

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1506.149+/-1153.053 χ^2/NDF :10.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2381.372+/-3893.516 χ^2/NDF :3.0/6

Left: -1192.693+/-1105.590 χ^2/NDF : 13.9/15

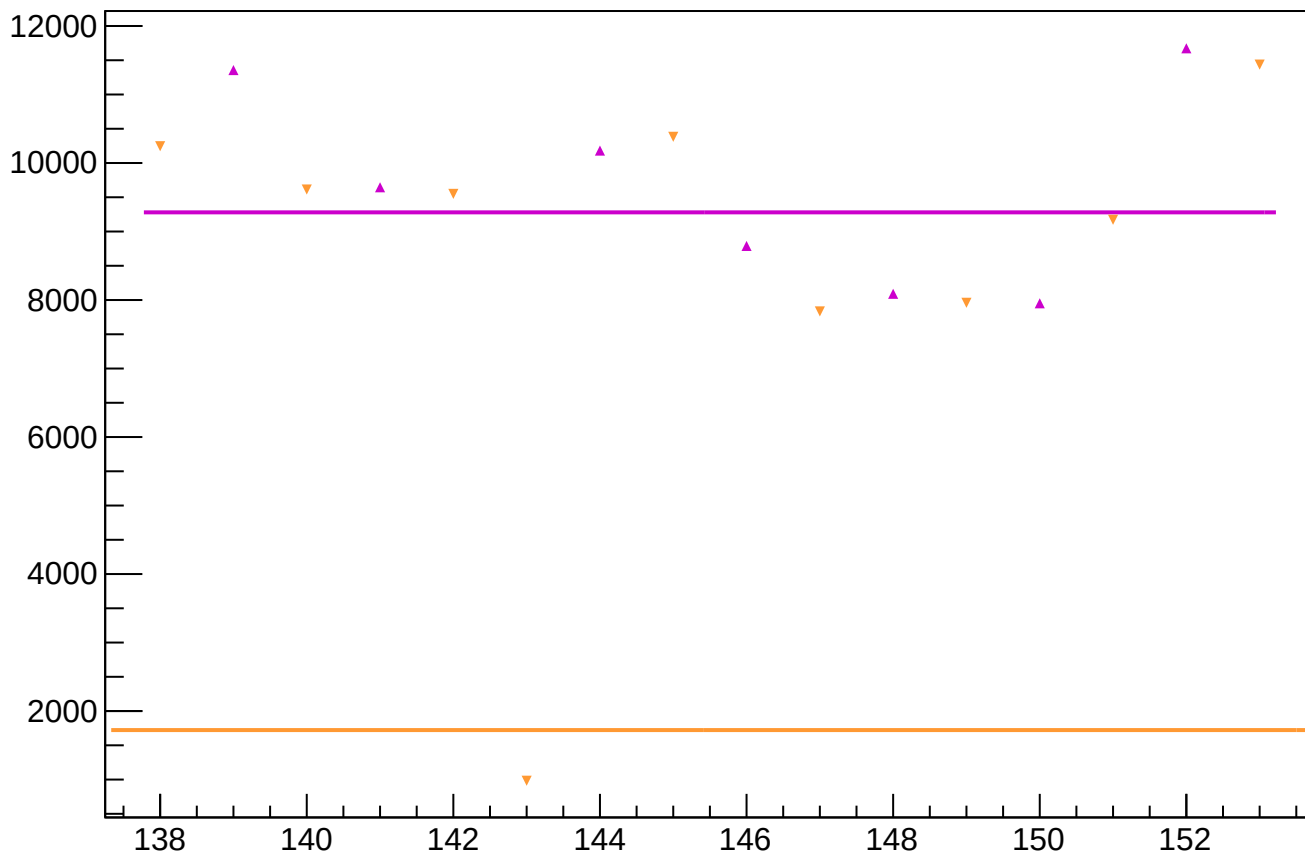
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2381.372+/-3893.516 χ^2/NDF :3.0/6

Out: -1506.149+/-1153.053 χ^2/NDF :10.0/8

All: -1192.693+/-1105.590 χ^2/NDF : 13.9/15

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1722.329+/-0.815 χ^2/NDF :8511943.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9279.676+/-2.753 χ^2/NDF :226374.2/6

Left: 2331.689+/-0.782 χ^2/NDF : 15665784.2/15

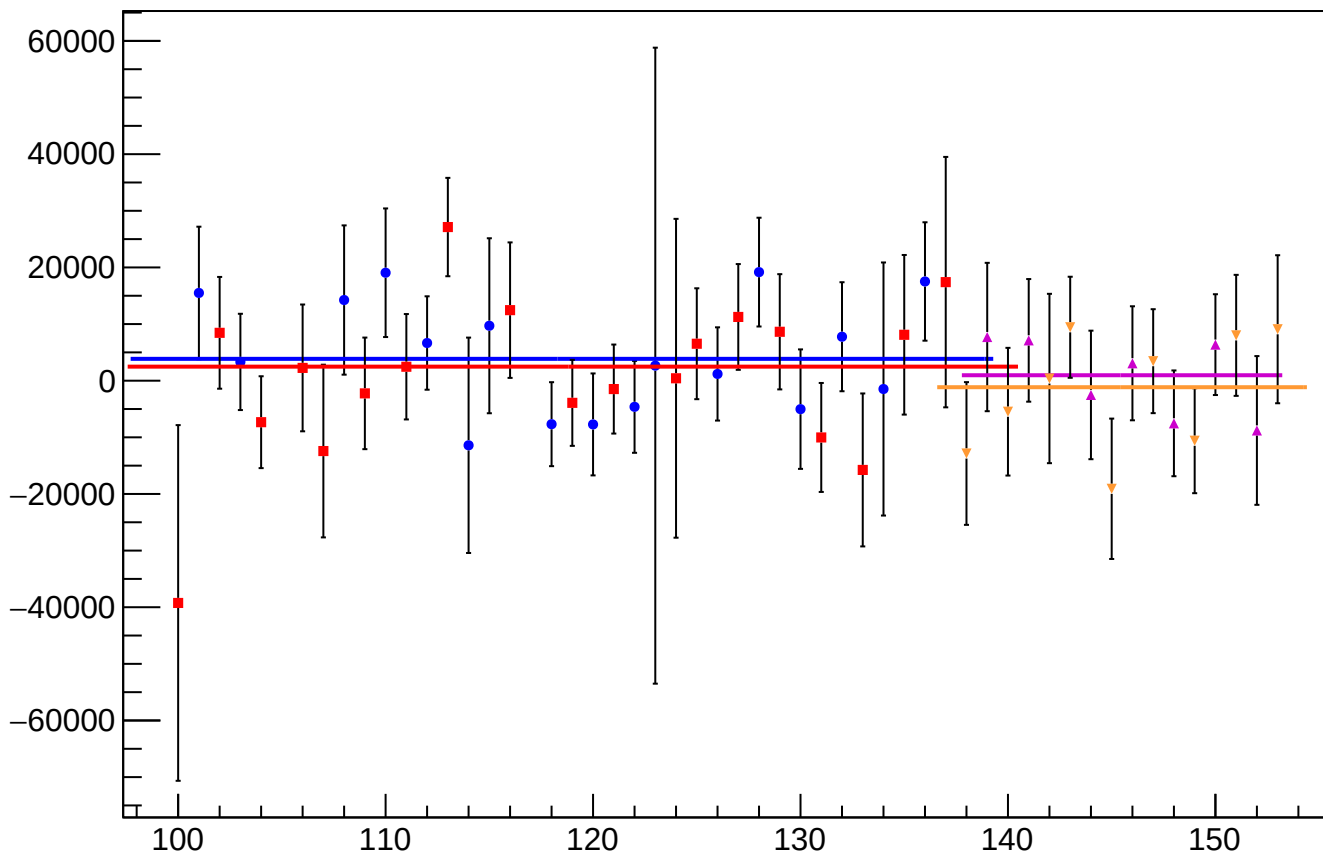
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9279.676+/-2.753 χ^2/NDF :226374.2/6

Out: 1722.329+/-0.815 χ^2/NDF :8511943.4/8

All: 2331.689+/-0.782 χ^2/NDF : 15665784.2/15

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -1149.814 $\pm$ 3631.194 χ^2 /NDF: 7.2/8

Right Out: 2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

Left In: 963.843 $\pm$ 4019.888 χ^2 /NDF: 2.5/6

Left: -200.088 $\pm$ 2694.610 χ^2 /NDF: 9.8/15

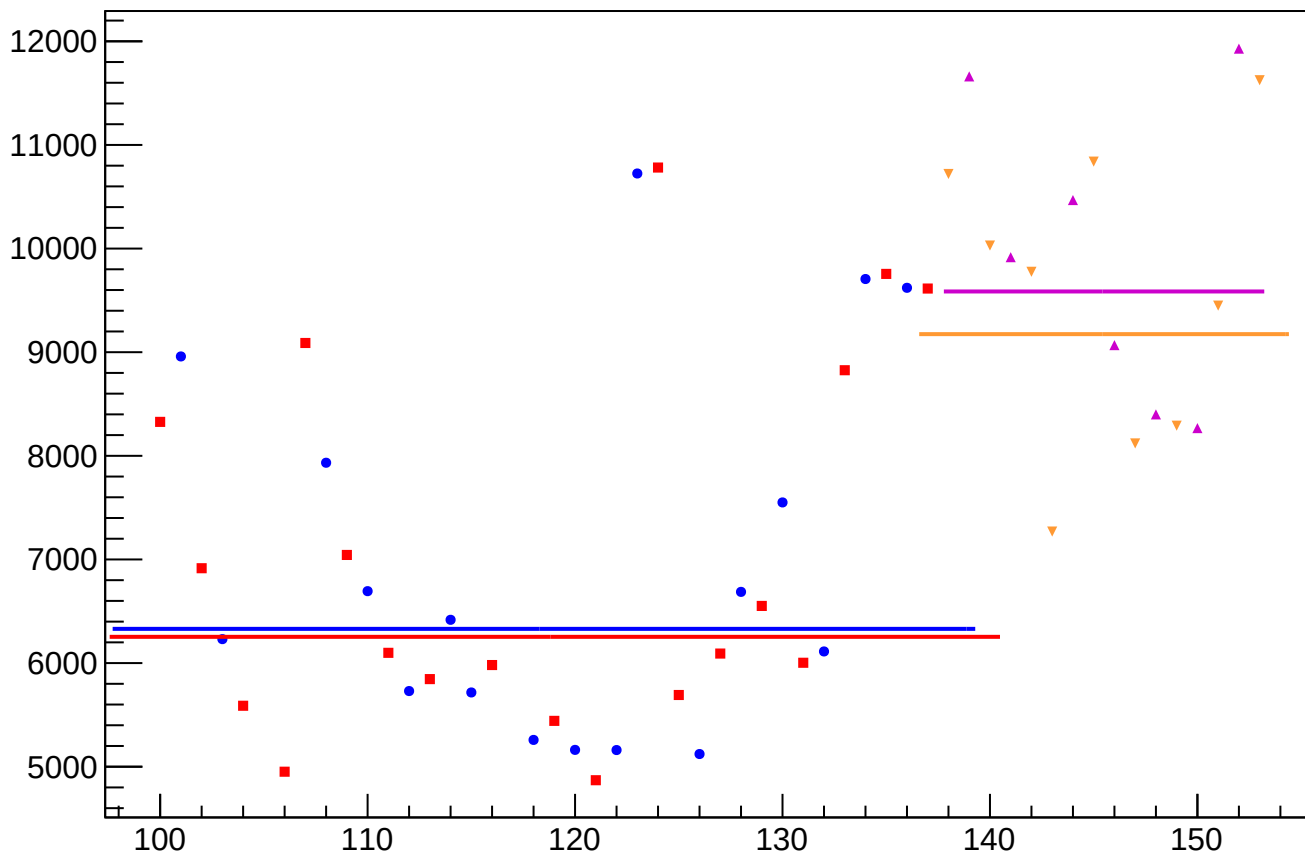
Right: 3146.972 $\pm$ 1742.228 χ^2 /NDF: 35.0/35

In: 3048.075 $\pm$ 2128.311 χ^2 /NDF: 17.6/23

Out: 1364.831 $\pm$ 2014.520 χ^2 /NDF: 27.9/27

All: 2160.254 $\pm$ 1463.055 χ^2 /NDF: 45.8/51

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291 ± 1.774 $\chi^2/\text{NDF}: 593395.6/16$

Left Out: 9174.266 ± 2.568 $\chi^2/\text{NDF}: 288293.9/8$

Right Out: 6253.330 ± 1.712 $\chi^2/\text{NDF}: 535355.5/18$

Left In: 9585.997 ± 2.842 $\chi^2/\text{NDF}: 209294.4/6$

Left: 9359.269 ± 1.905 $\chi^2/\text{NDF}: 509142.0/15$

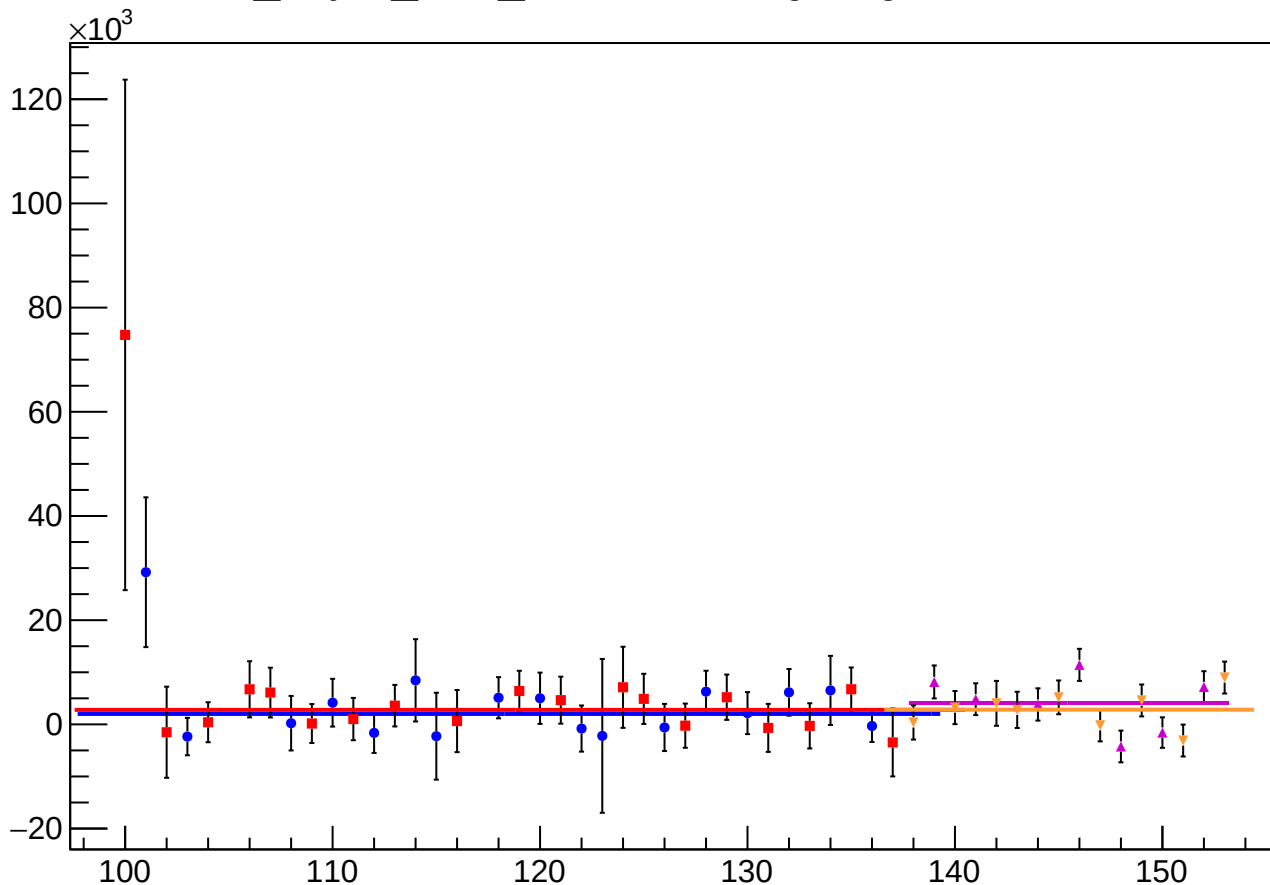
Right: 6290.444 ± 1.232 $\chi^2/\text{NDF}: 1129725.5/35$

In: 7242.899 ± 1.505 $\chi^2/\text{NDF}: 1746832.8/23$

Out: 7152.286 ± 1.424 $\chi^2/\text{NDF}: 1719488.0/27$

All: 7195.105 ± 1.035 $\chi^2/\text{NDF}: 3468233.0/51$

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

Left Out: 2822.423+/-1086.236 χ^2/NDF : 10.3/8

Right Out: 2781.006+/-1086.164 χ^2/NDF : 9.9/18

Left In: 4105.786+/-1153.612 χ^2/NDF : 19.7/6

Left: 3425.535+/-790.832 χ^2/NDF : 30.6/15

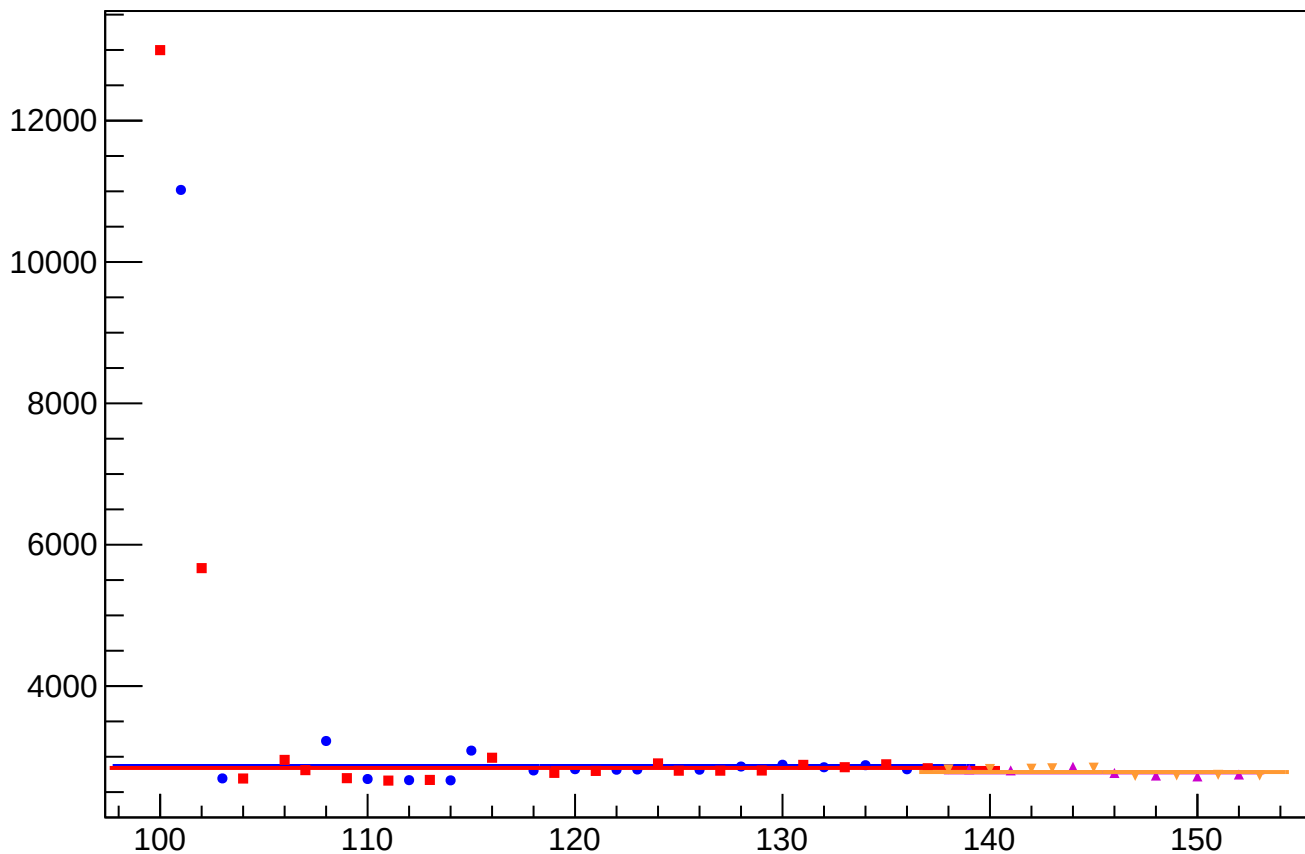
Right: 2409.980+/-784.479 χ^2/NDF : 22.2/35

In: 3037.800+/-808.791 χ^2/NDF : 33.4/23

Out: 2801.713+/-768.059 χ^2/NDF : 20.2/27

All: 2913.662+/-556.943 χ^2/NDF : 53.6/51

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2783.666+/-0.768 χ^2/NDF : 4051.0/8

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

Left In: 2779.034+/-0.816 χ^2/NDF : 3256.4/6

Left: 2781.489+/-0.559 χ^2/NDF : 7324.5/15

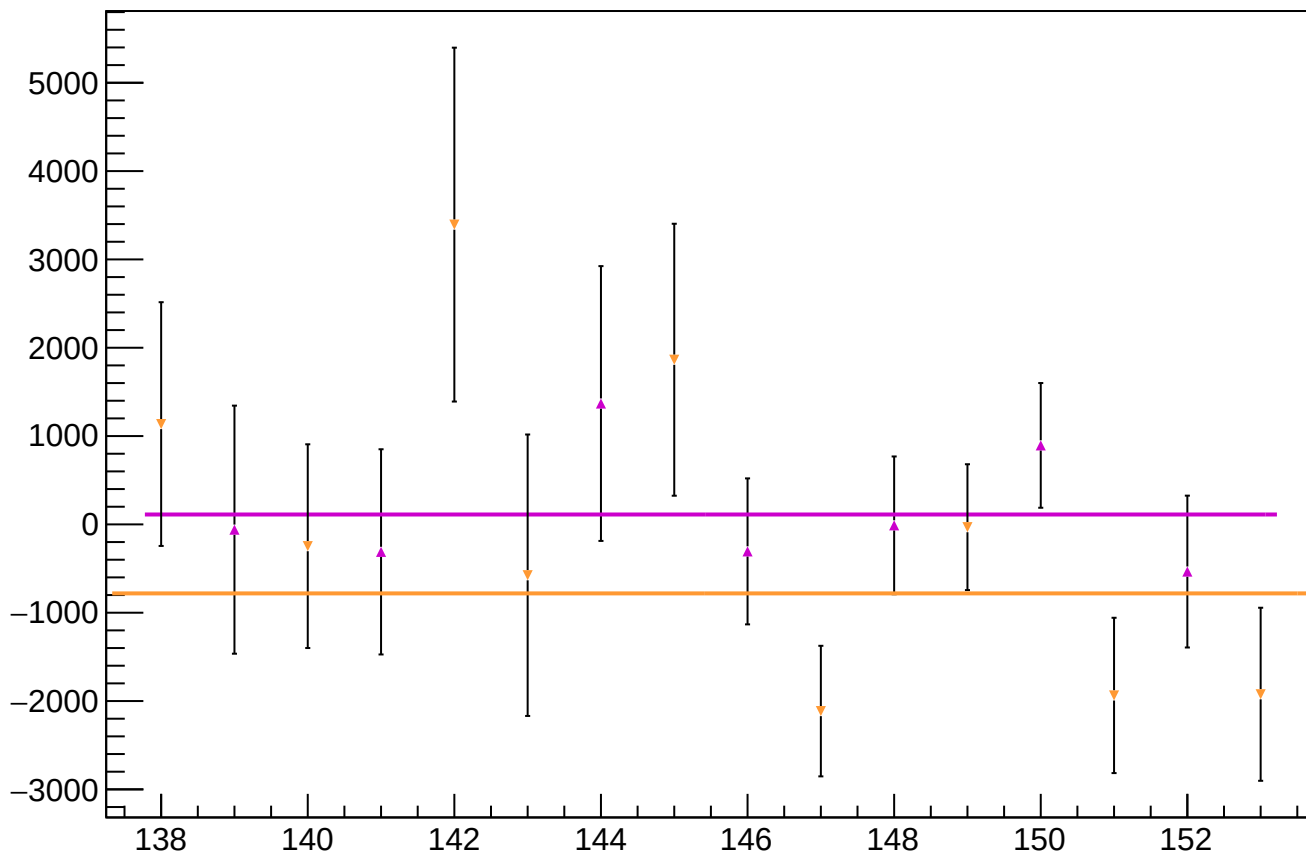
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2824.879+/-0.572 χ^2/NDF : 679368.9/23

Out: 2812.615+/-0.543 χ^2/NDF : 319415.0/27

All: 2818.430+/-0.394 χ^2/NDF : 999025.6/51

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -781.248+/-343.443 χ^2/NDF :16.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 112.063+/-350.741 χ^2/NDF :2.9/6

Left: -343.983+/-245.390 χ^2/NDF : 23.1/15

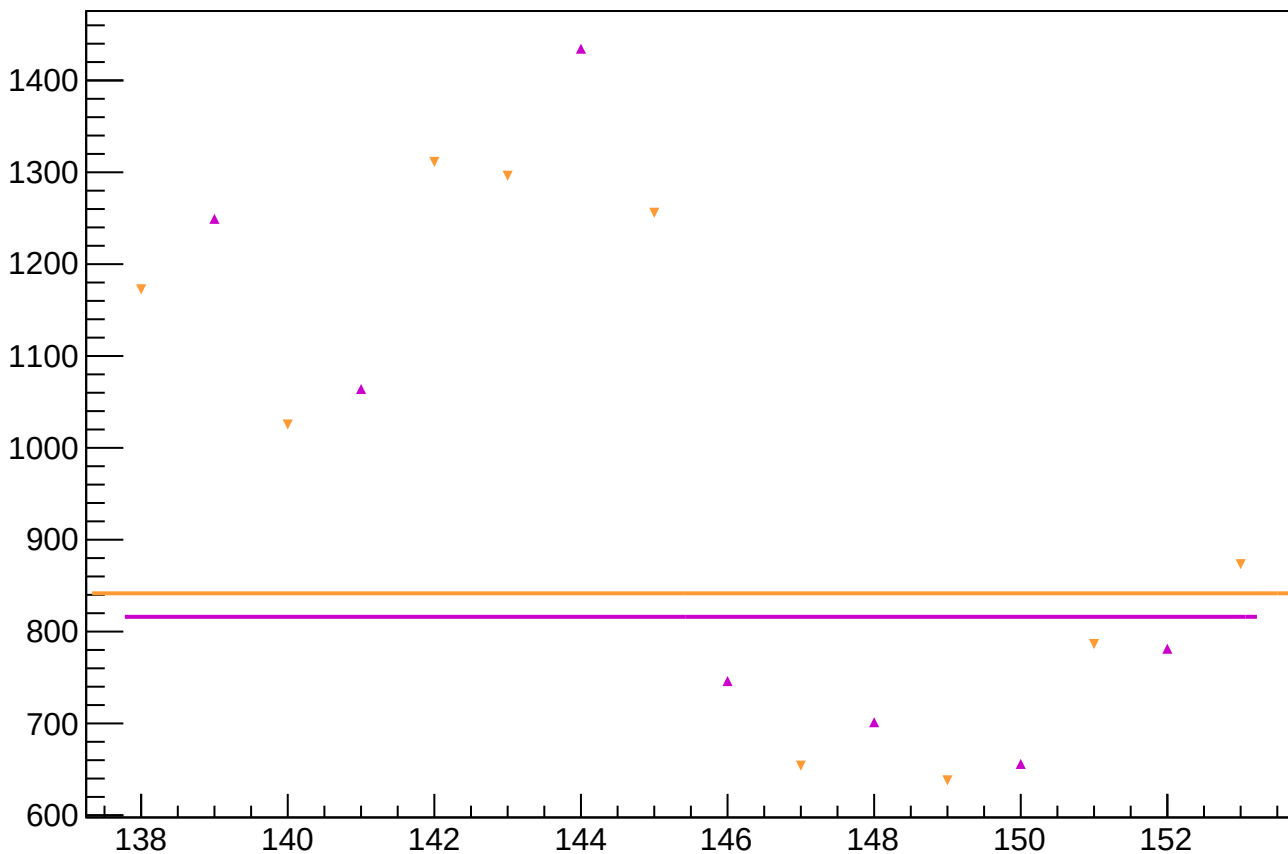
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 112.063+/-350.741 χ^2/NDF :2.9/6

Out: -781.248+/-343.443 χ^2/NDF :16.9/8

All: -343.983+/-245.390 χ^2/NDF : 23.1/15

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 841.650+/-0.243 χ^2/NDF : 885554.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 816.059+/-0.248 χ^2/NDF : 761405.7/6

Left: 829.124+/-0.174 χ^2/NDF : 1652395.5/15

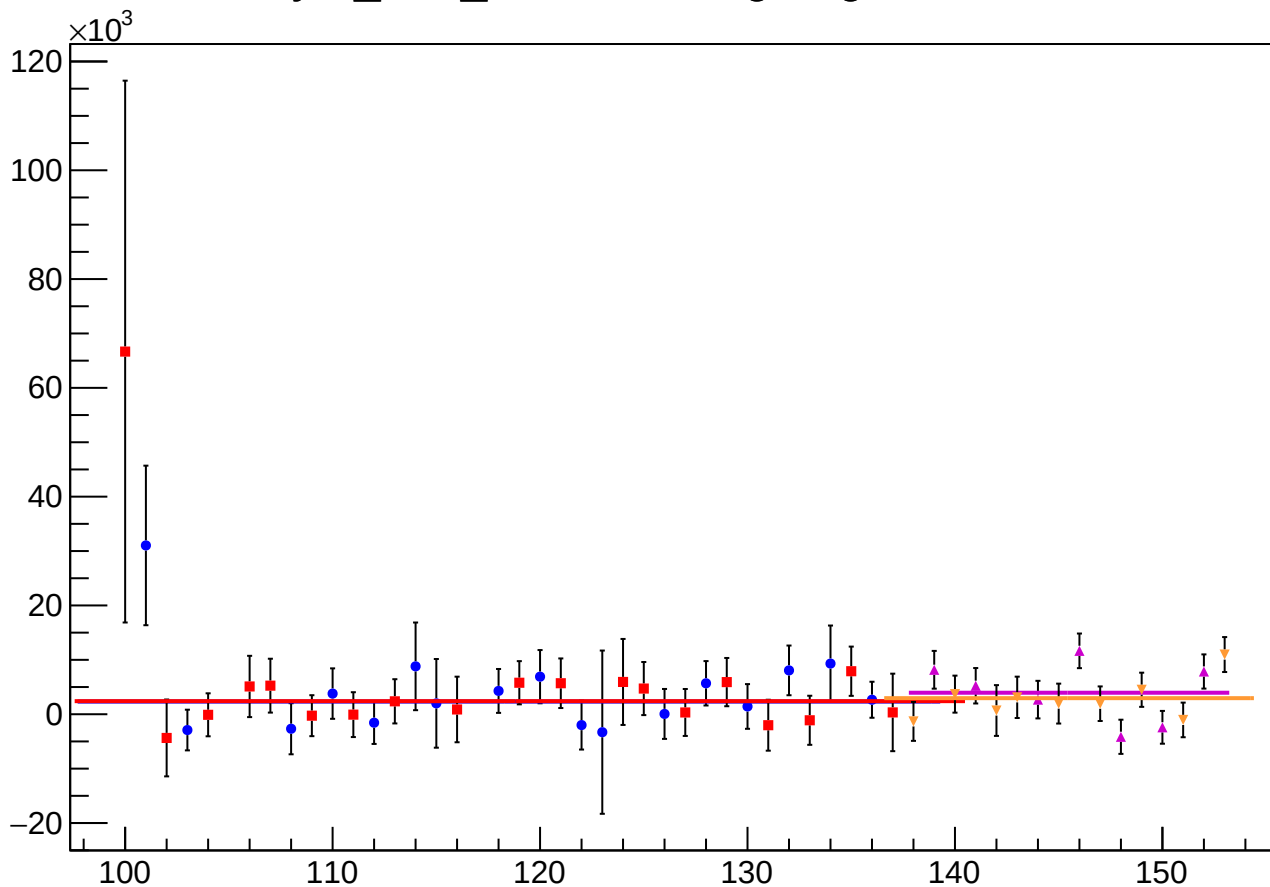
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 816.059+/-0.248 χ^2/NDF : 761405.7/6

Out: 841.650+/-0.243 χ^2/NDF : 885554.4/8

All: 829.124+/-0.174 χ^2/NDF : 1652395.5/15

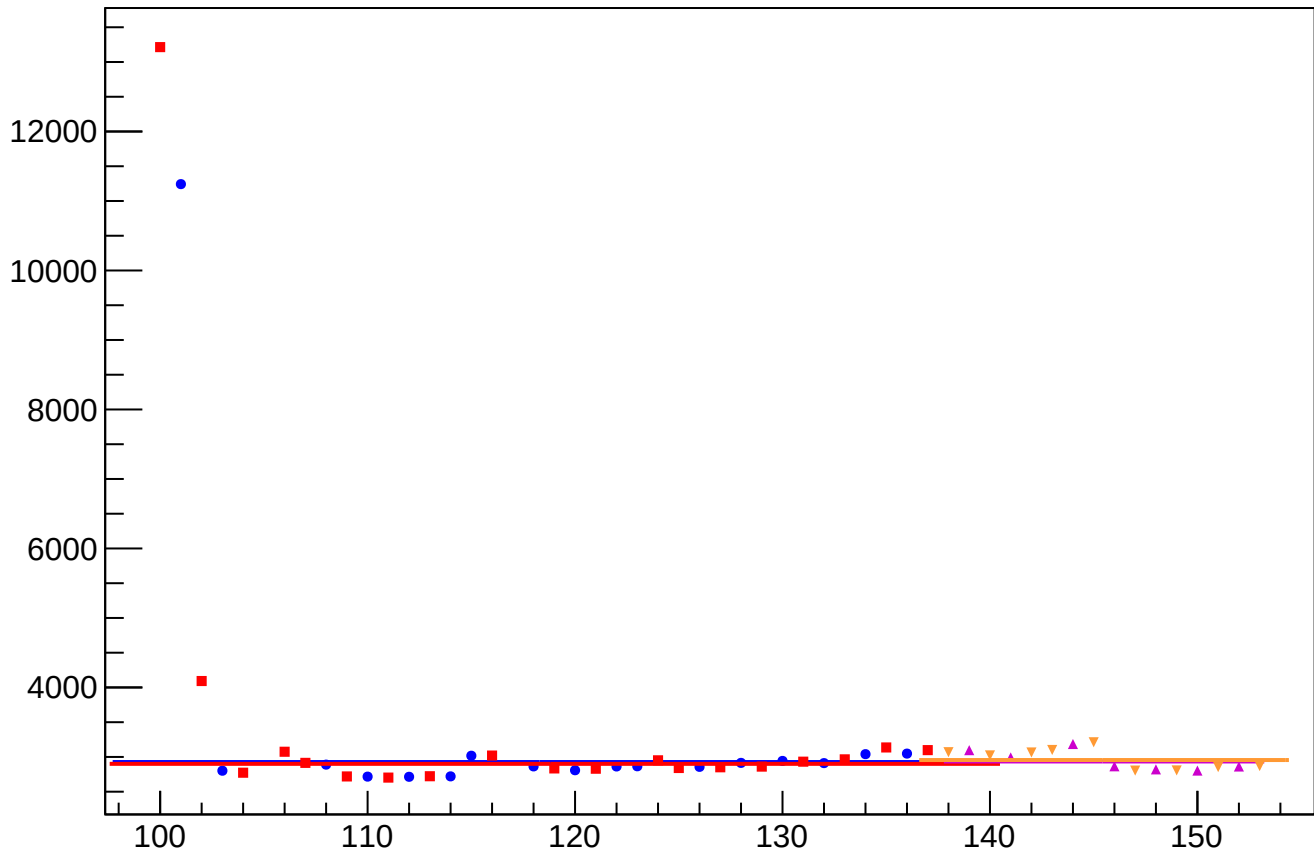
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16
 Left Out: 2954.292+/-1154.674 χ^2/NDF : 9.9/8
 Right Out: 2403.750+/-1110.093 χ^2/NDF : 10.1/18
 Left In: 3952.974+/-1219.501 χ^2/NDF : 20.3/6

Left: 3426.384+/-838.459 χ^2/NDF : 30.6/15
 Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35
 In: 3098.592+/-839.178 χ^2/NDF : 35.6/23
 Out: 2668.188+/-800.251 χ^2/NDF : 20.1/27
 All: 2873.176+/-579.136 χ^2/NDF : 55.8/51

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 2955.469+/-0.816 χ^2/NDF : 29061.3/8

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

Left In: 2934.910+/-0.862 χ^2/NDF : 24027.5/6

Left: 2945.751+/-0.593 χ^2/NDF : 53388.5/15

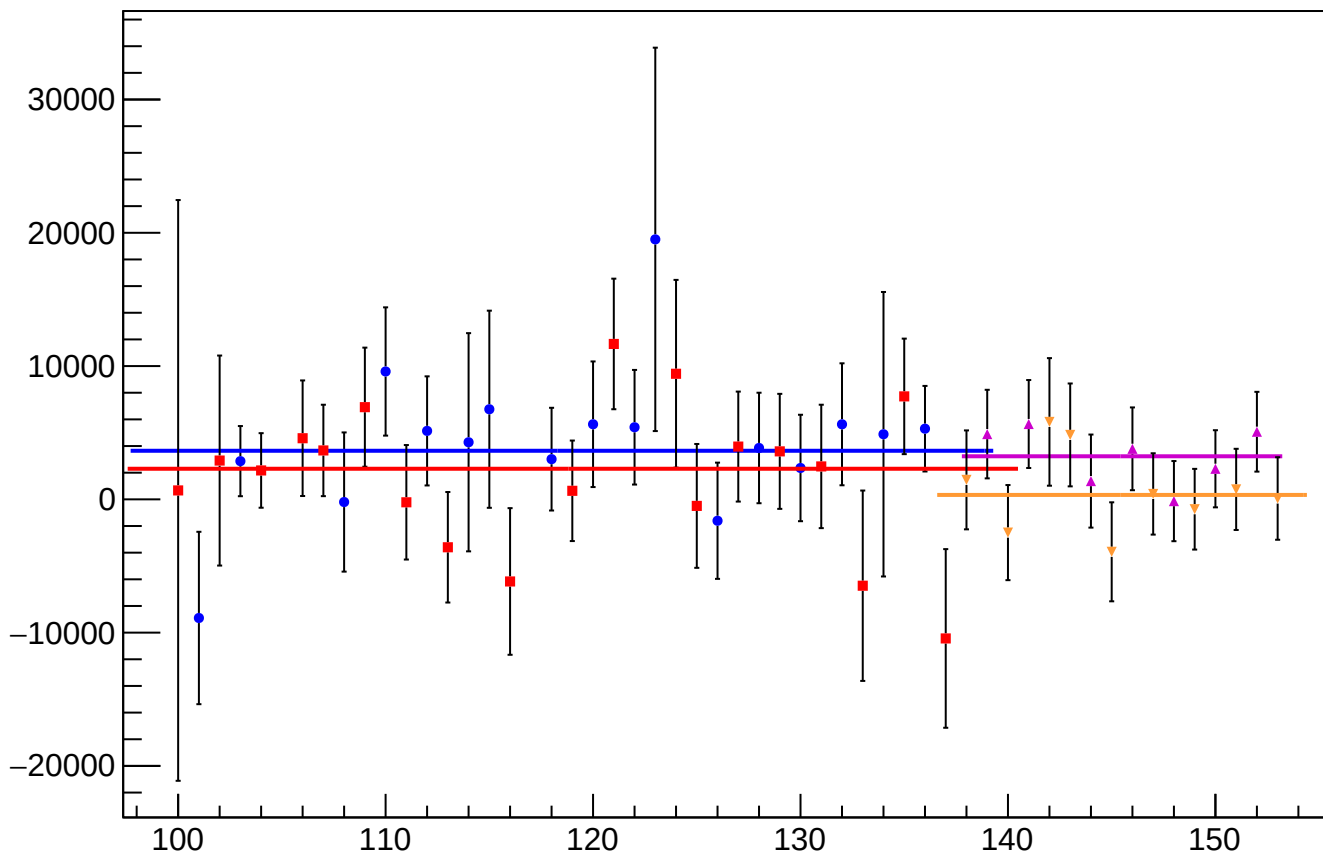
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2930.541+/-0.593 χ^2/NDF : 686870.6/23

Out: 2927.073+/-0.566 χ^2/NDF : 201255.4/27

All: 2928.724+/-0.410 χ^2/NDF : 888144.0/51

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2/NDF : 9.9/16

Left Out: 331.979 $\pm$ 1144.768 χ^2/NDF : 4.9/8

Right Out: 2295.846 $\pm$ 1046.865 χ^2/NDF : 18.4/18

Left In: 3232.061 $\pm$ 1186.956 χ^2/NDF : 2.8/6

Left: 1729.566 $\pm$ 823.984 χ^2/NDF : 10.8/15

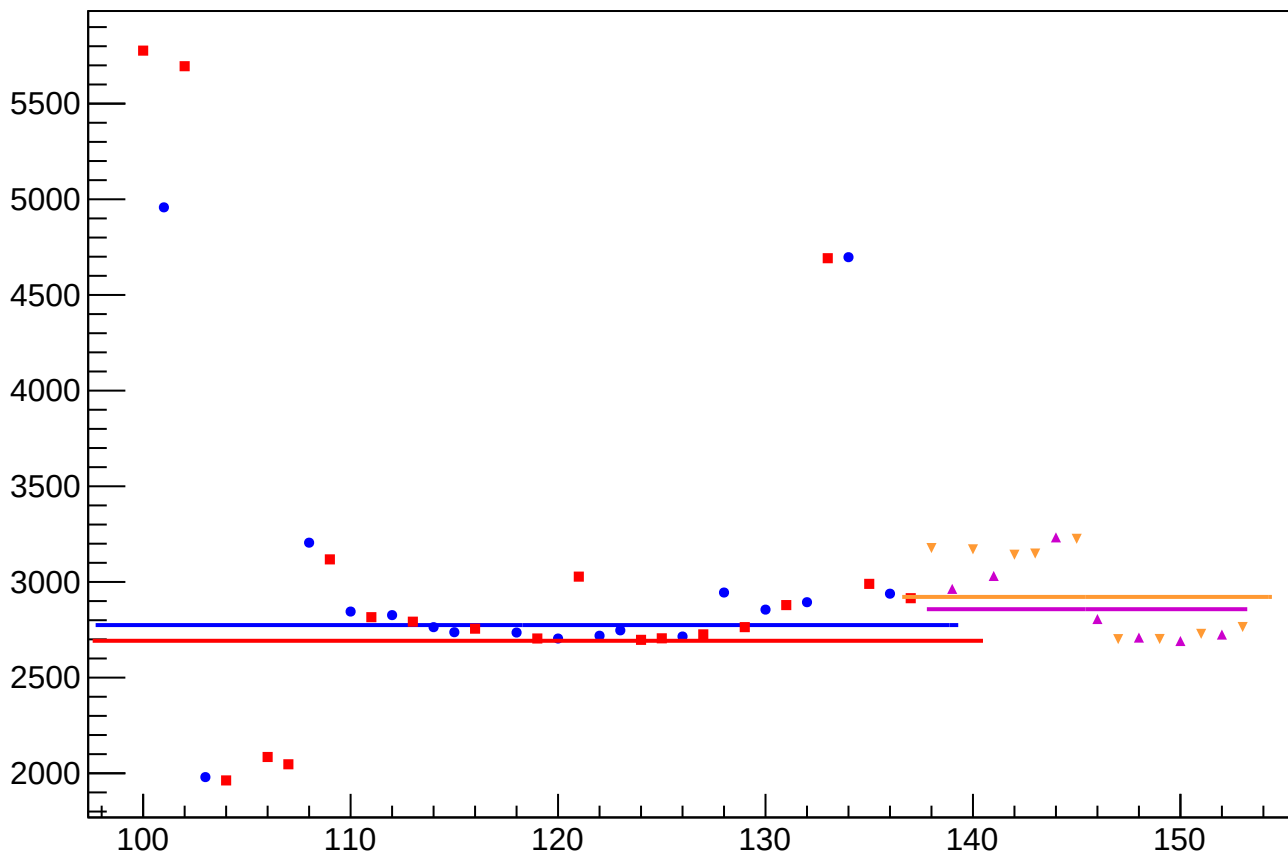
Right: 2942.410 $\pm$ 755.528 χ^2/NDF : 29.1/35

In: 3455.948 $\pm$ 803.432 χ^2/NDF : 12.8/23

Out: 1401.466 $\pm$ 772.543 χ^2/NDF : 24.9/27

All: 2388.455 $\pm$ 556.870 χ^2/NDF : 41.0/51

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 2921.794+/-0.809 χ^2/NDF : 77912.7/8

Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

Left In: 2857.614+/-0.839 χ^2/NDF : 46656.5/6

Left: 2890.865+/-0.583 χ^2/NDF : 127598.7/15

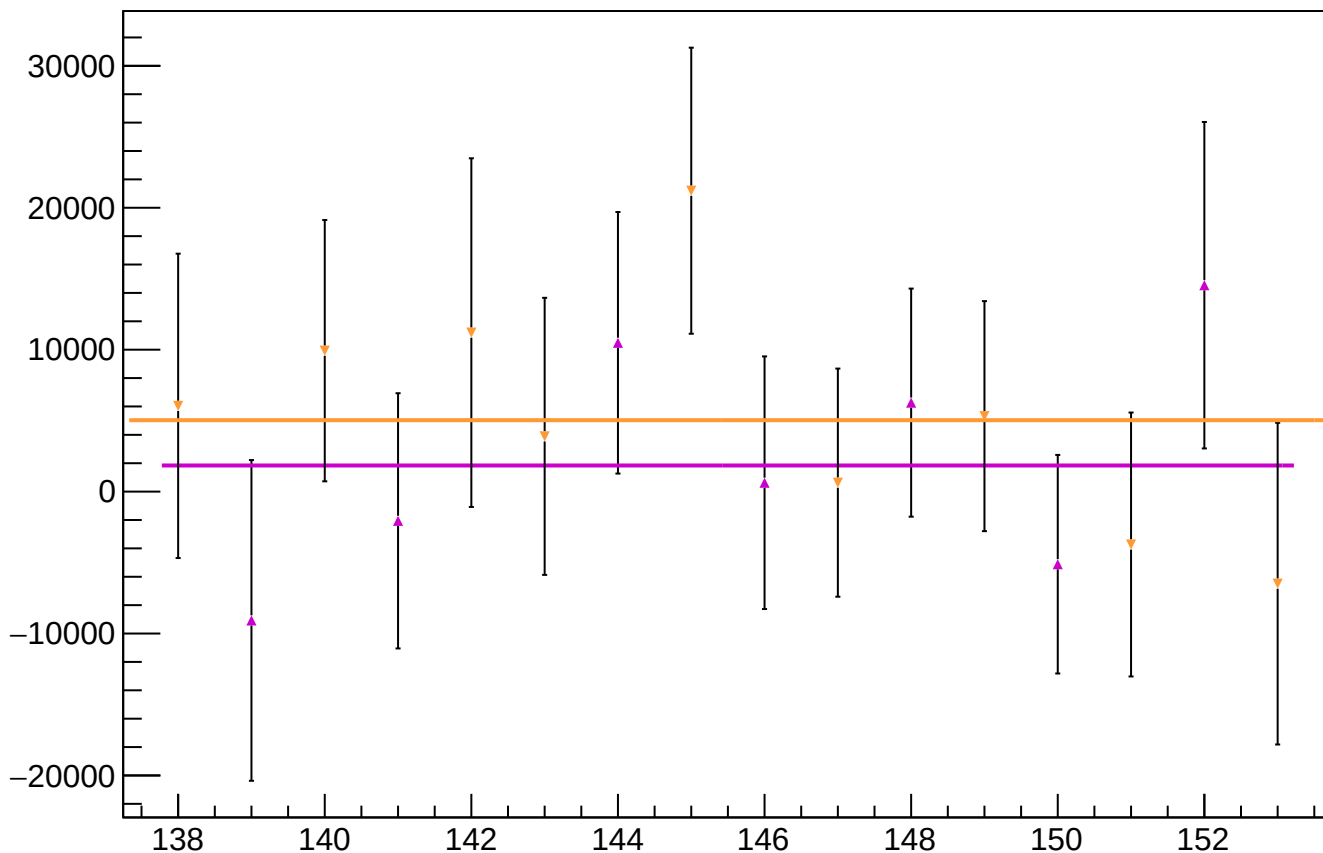
Right: 2731.837+/-0.534 χ^2/NDF : 1287844.4/35

In: 2812.644+/-0.568 χ^2/NDF : 553635.2/23

Out: 2796.893+/-0.546 χ^2/NDF : 901885.6/27

All: 2804.458+/-0.394 χ^2/NDF : 1455920.2/51

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5031.845+/-3202.136 χ^2/NDF : 5.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1840.846+/-3439.861 χ^2/NDF : 4.4/6

Left: 3550.409+/-2343.792 χ^2/NDF : 10.2/15

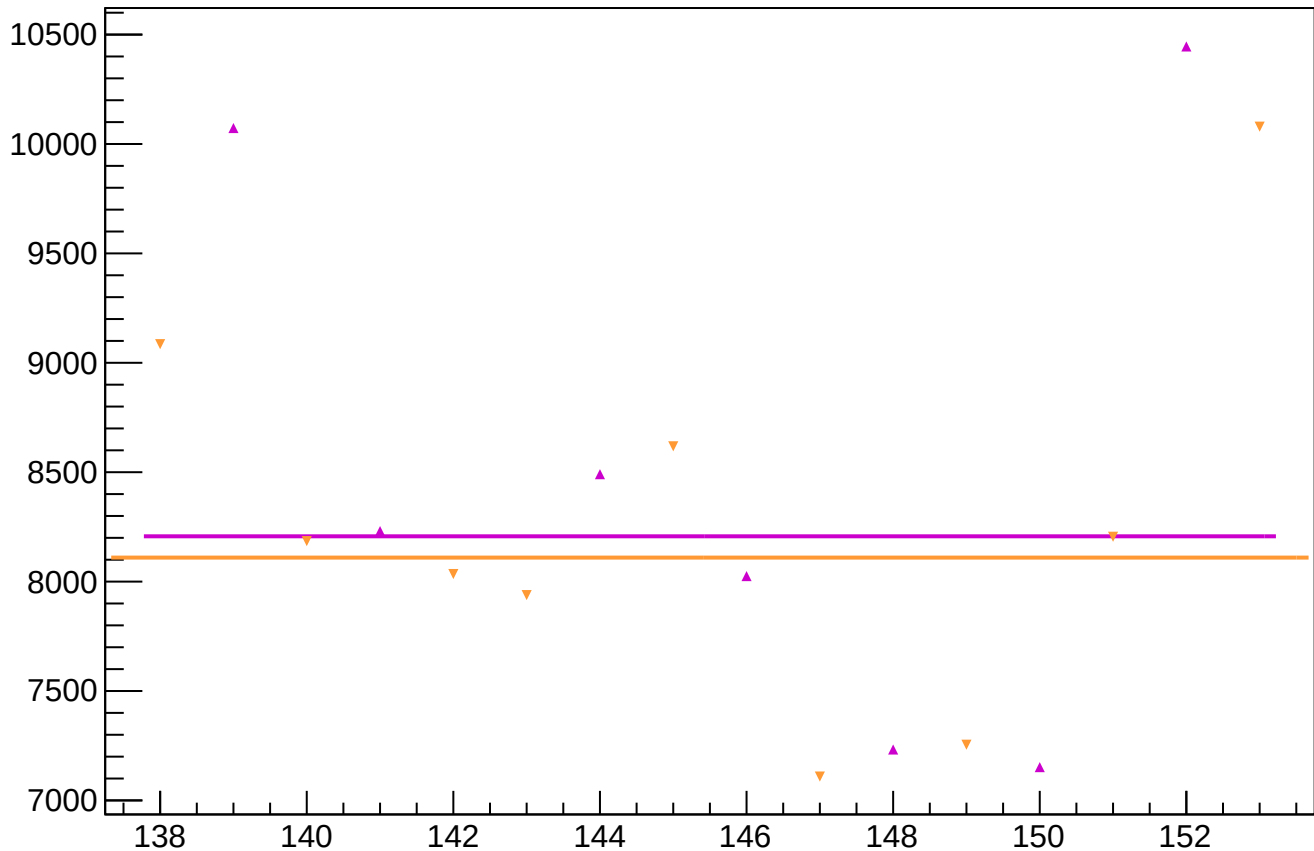
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1840.846+/-3439.861 χ^2/NDF : 4.4/6

Out: 5031.845+/-3202.136 χ^2/NDF : 5.4/8

All: 3550.409+/-2343.792 χ^2/NDF : 10.2/15

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8109.753+/-2.264 χ^2/NDF :136351.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8207.036+/-2.432 χ^2/NDF :200000.3/6

Left: 8154.917+/-1.657 χ^2/NDF : 337208.6/15

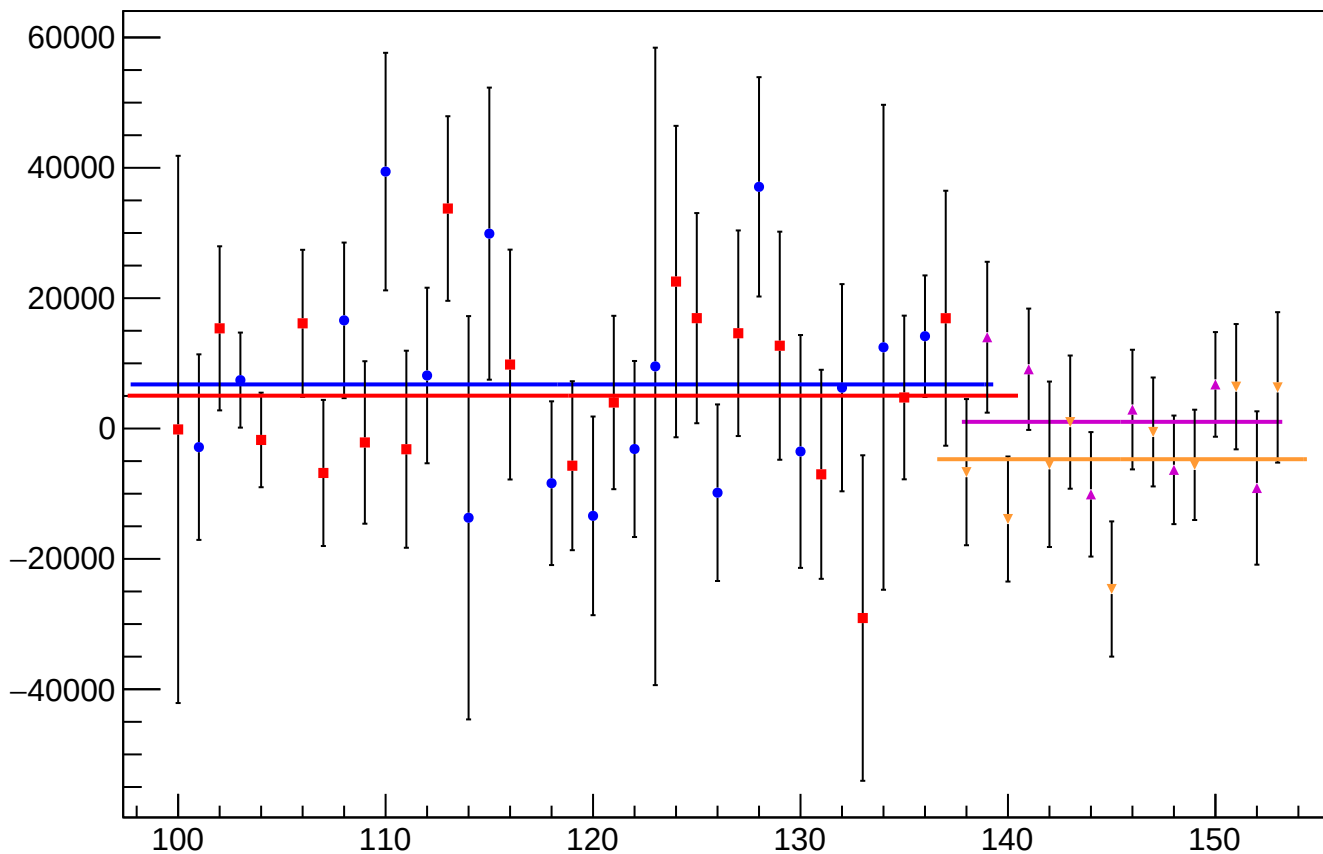
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8207.036+/-2.432 χ^2/NDF :200000.3/6

Out: 8109.753+/-2.264 χ^2/NDF :136351.2/8

All: 8154.917+/-1.657 χ^2/NDF : 337208.6/15

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -4706.995+/-3323.834 χ^2/NDF : 7.5/8

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 1026.362+/-3557.844 χ^2/NDF : 5.4/6

Left: -2035.053+/-2428.824 χ^2/NDF : 14.3/15

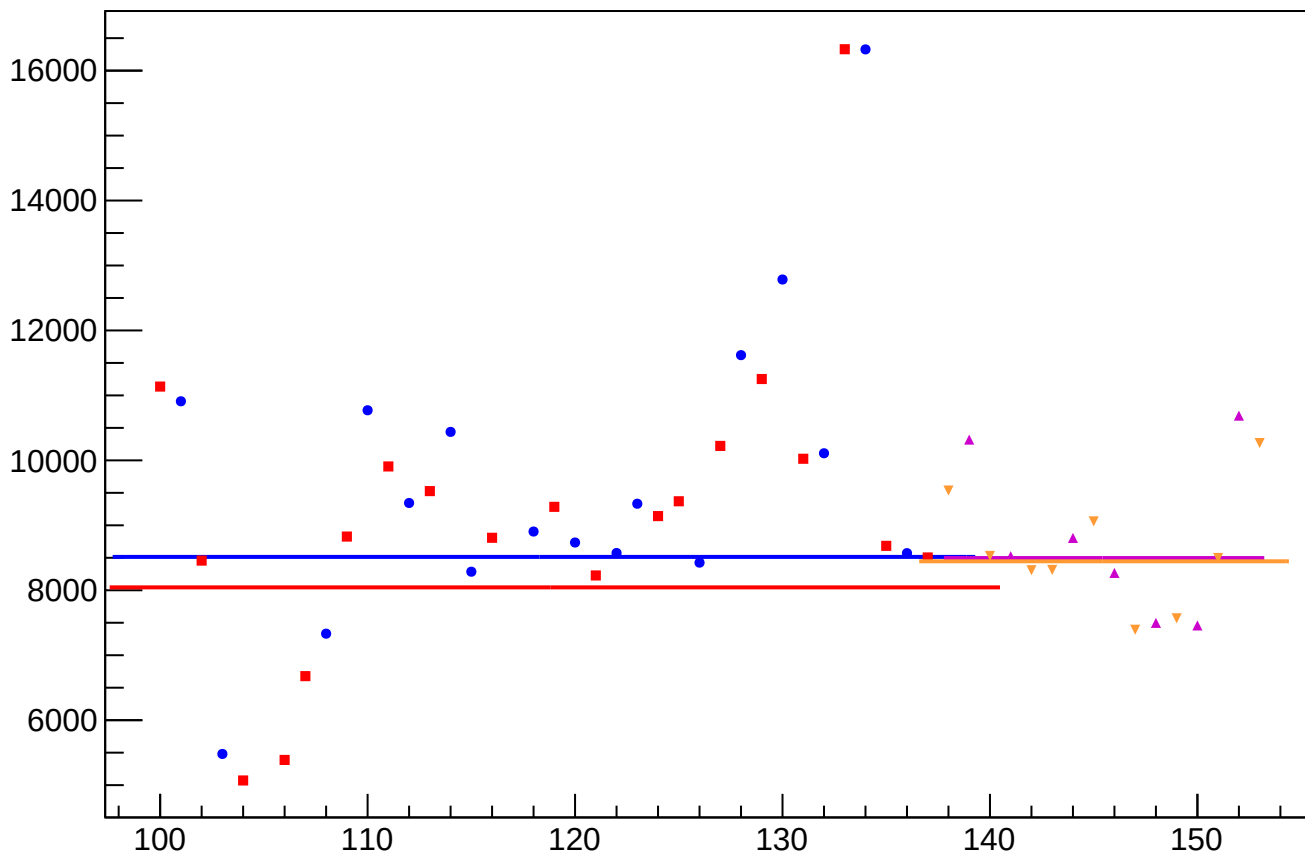
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 4037.909+/-2453.198 χ^2/NDF : 22.2/23

Out: 401.686+/-2293.081 χ^2/NDF : 25.6/27

All: 2097.268+/-1675.200 χ^2/NDF : 48.9/51

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8446.225+/-2.350 χ^2/NDF :129752.2/8

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

Left In: 8496.050+/-2.516 χ^2/NDF :184567.8/6

Left: 8469.445+/-1.717 χ^2/NDF : 314529.5/15

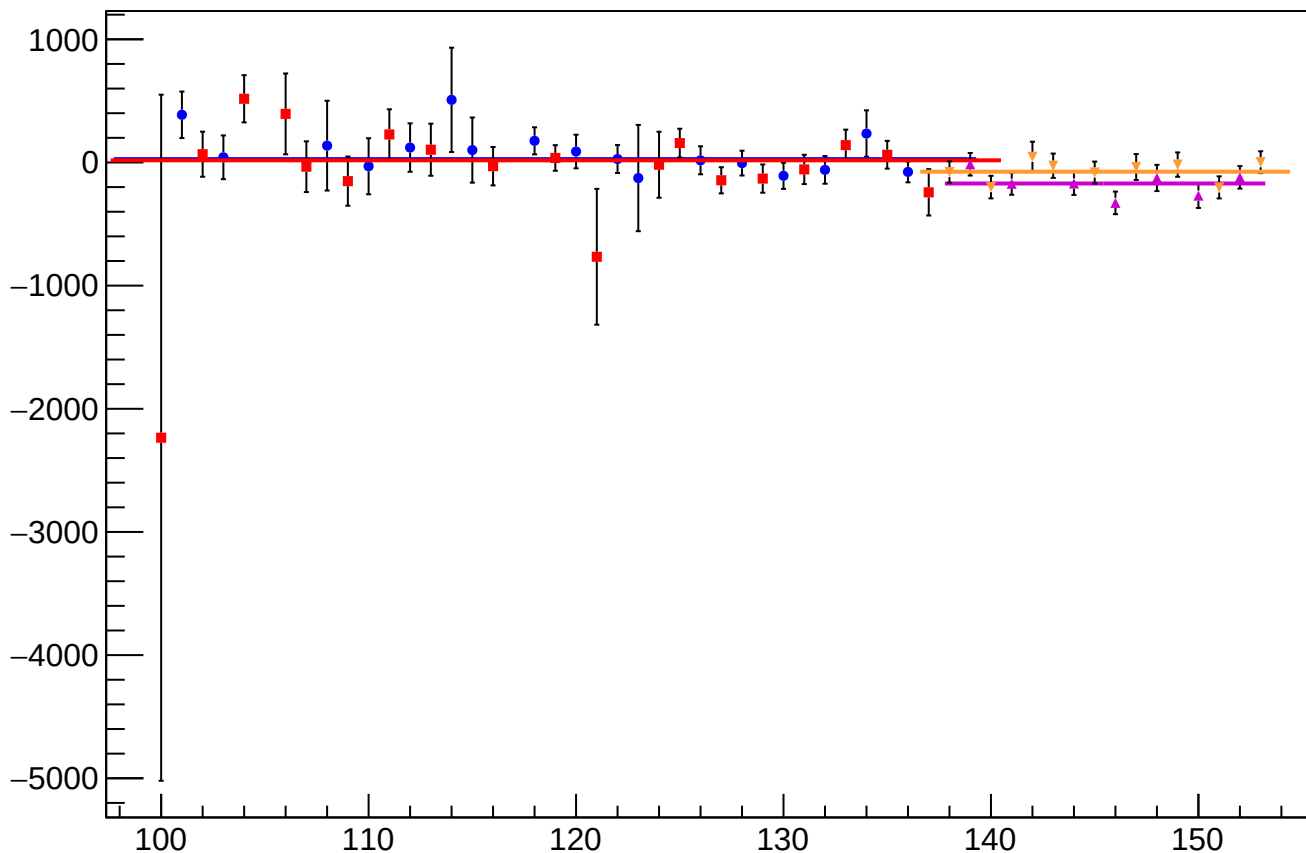
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8505.290+/-1.735 χ^2/NDF :947208.0/23

Out: 8235.818+/-1.621 χ^2/NDF :1097355.3/27

All: 8361.472+/-1.185 χ^2/NDF : 2057442.6/51

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 χ^2/NDF : 12.6/16

Left Out: -74.940 ± 31.798 χ^2/NDF : 6.3/8

Right Out: 17.368 ± 35.548 χ^2/NDF : 21.9/18

Left In: -170.776 ± 35.669 χ^2/NDF : 7.3/6

Left: -117.378 ± 23.736 χ^2/NDF : 17.6/15

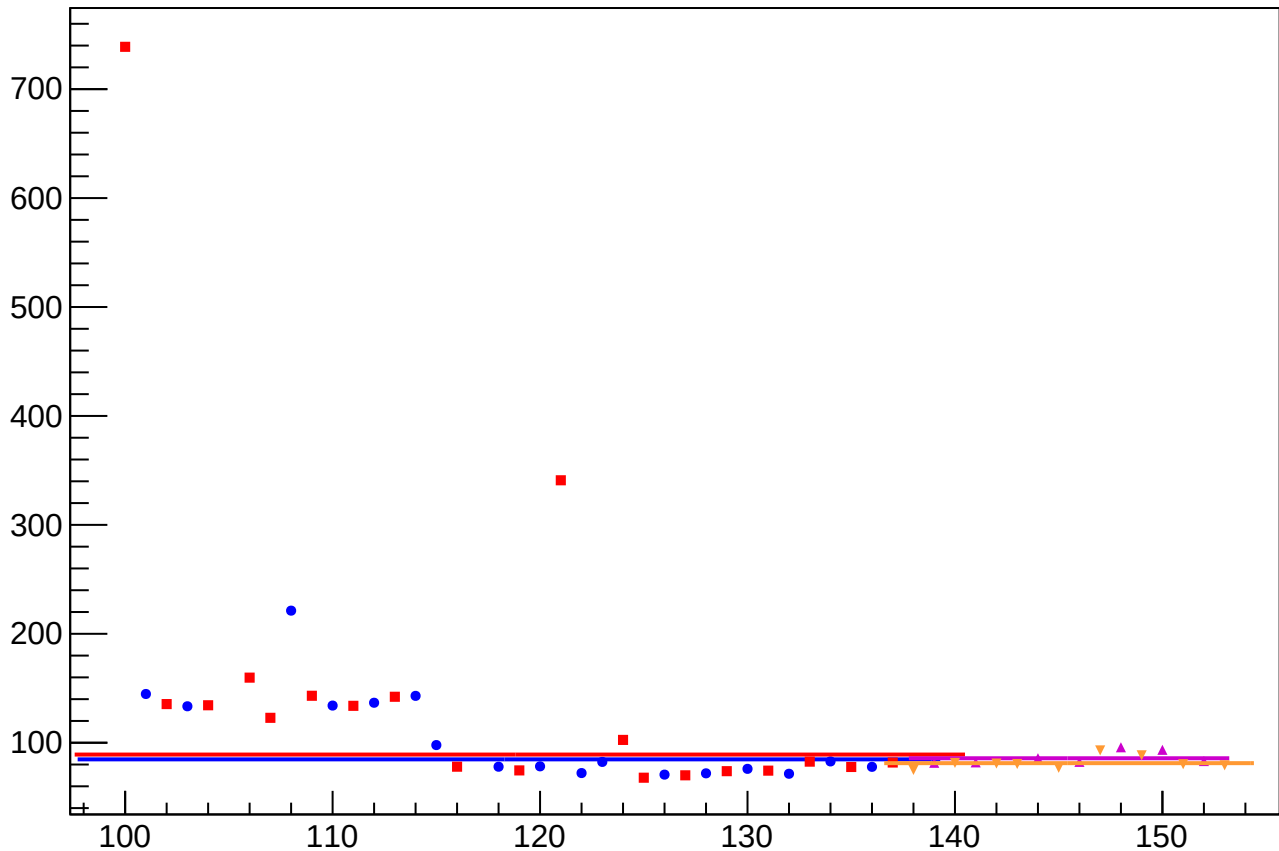
Right: 22.359 ± 24.581 χ^2/NDF : 34.5/35

In: -67.272 ± 24.621 χ^2/NDF : 36.0/23

Out: -33.909 ± 23.700 χ^2/NDF : 31.9/27

All: -49.955 ± 17.075 χ^2/NDF : 68.8/51

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 81.252+/-0.022 χ^2/NDF : 51459.1/8

Right Out: 89.143+/-0.025 χ^2/NDF : 1559269.8/18

Left In: 85.745+/-0.025 χ^2/NDF : 41620.8/6

Left: 83.241+/-0.017 χ^2/NDF : 110761.1/15

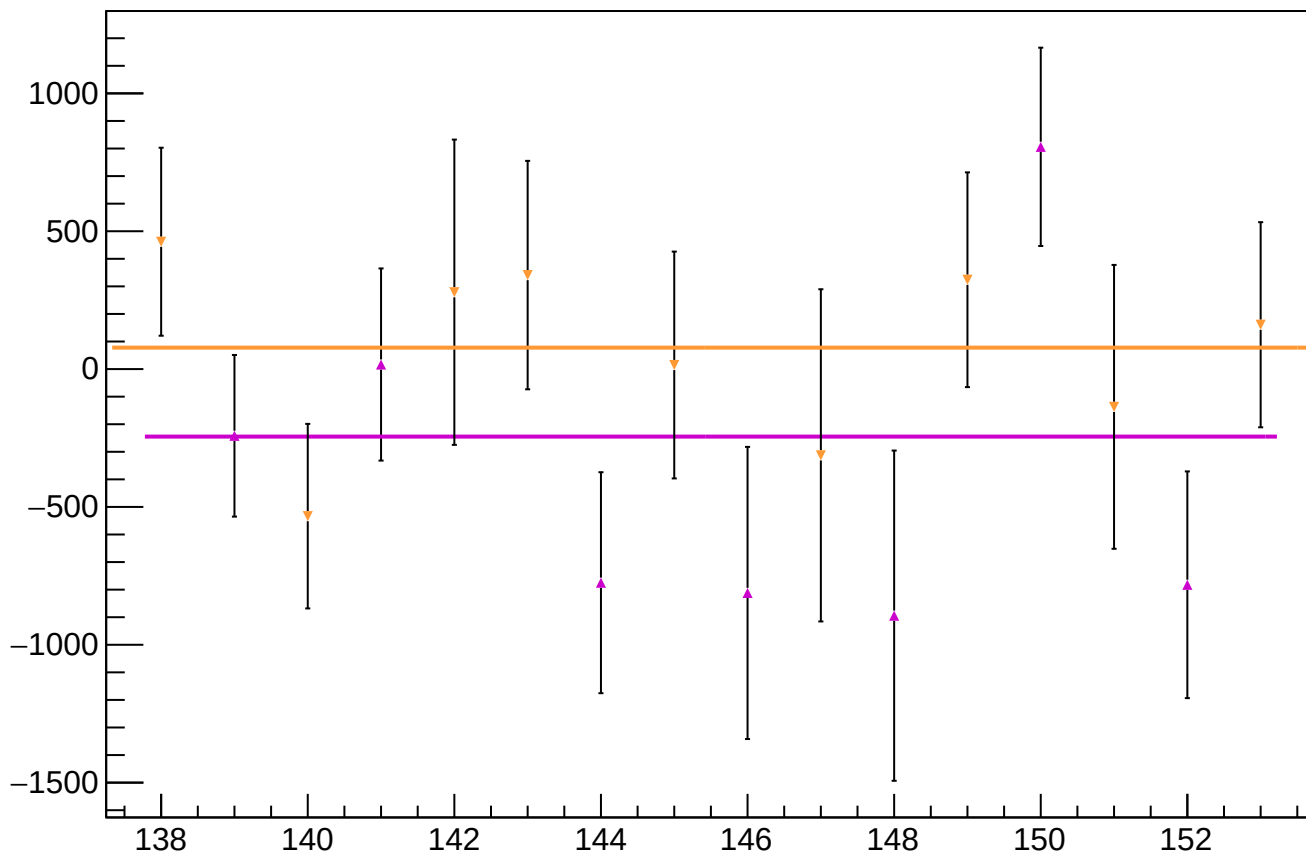
Right: 86.844+/-0.017 χ^2/NDF : 2639723.0/35

In: 85.217+/-0.017 χ^2/NDF : 1106876.5/23

Out: 84.759+/-0.017 χ^2/NDF : 1665478.7/27

All: 84.980+/-0.012 χ^2/NDF : 2772714.1/51

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 77.821+/-137.525 χ^2/NDF : 6.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -244.866+/-147.295 χ^2/NDF : 14.9/6

Left: -72.466+/-100.521 χ^2/NDF : 23.7/15

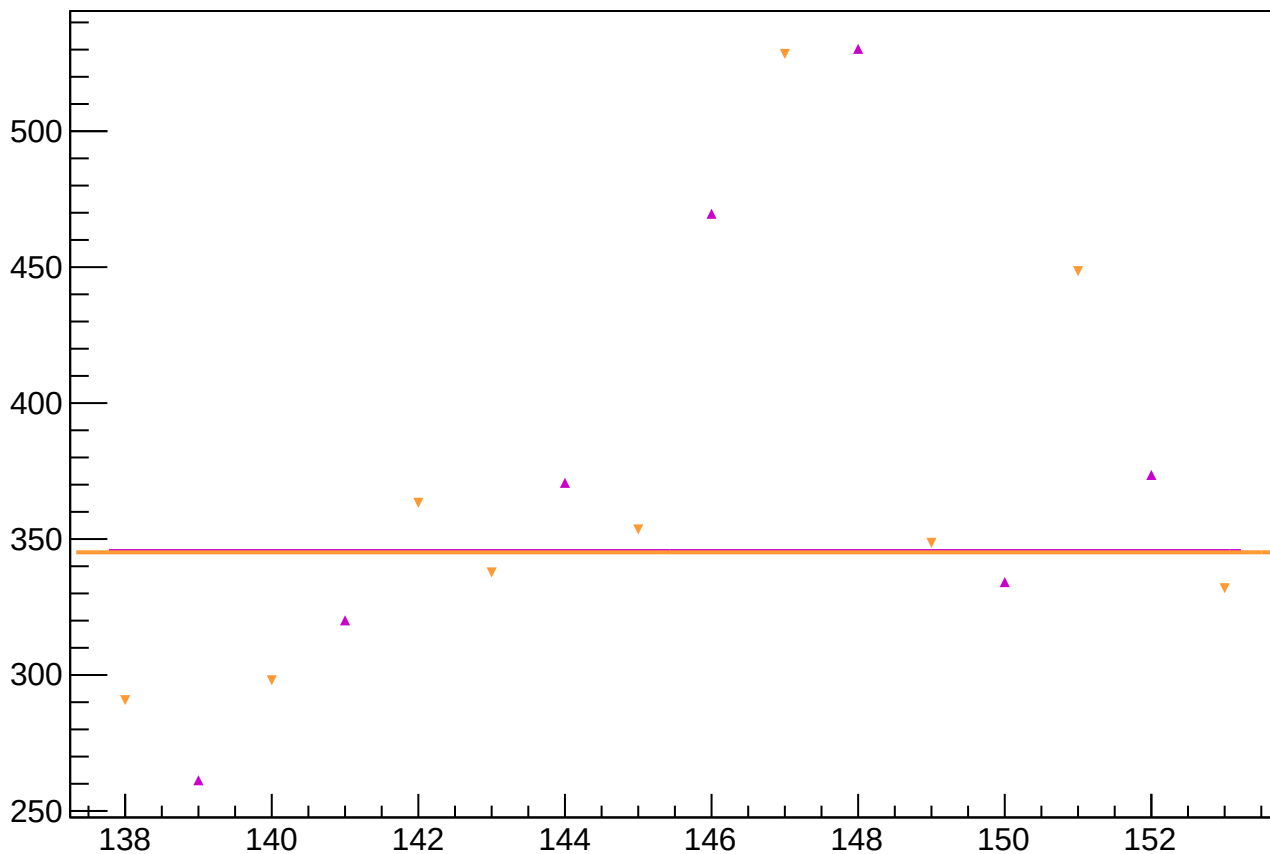
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -244.866+/-147.295 χ^2/NDF : 14.9/6

Out: 77.821+/-137.525 χ^2/NDF : 6.2/8

All: -72.466+/-100.521 χ^2/NDF : 23.7/15

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 345.130+/-0.097 χ^2/NDF :362542.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 345.581+/-0.104 χ^2/NDF :495026.1/6

Left: 345.340+/-0.071 χ^2/NDF : 857578.6/15

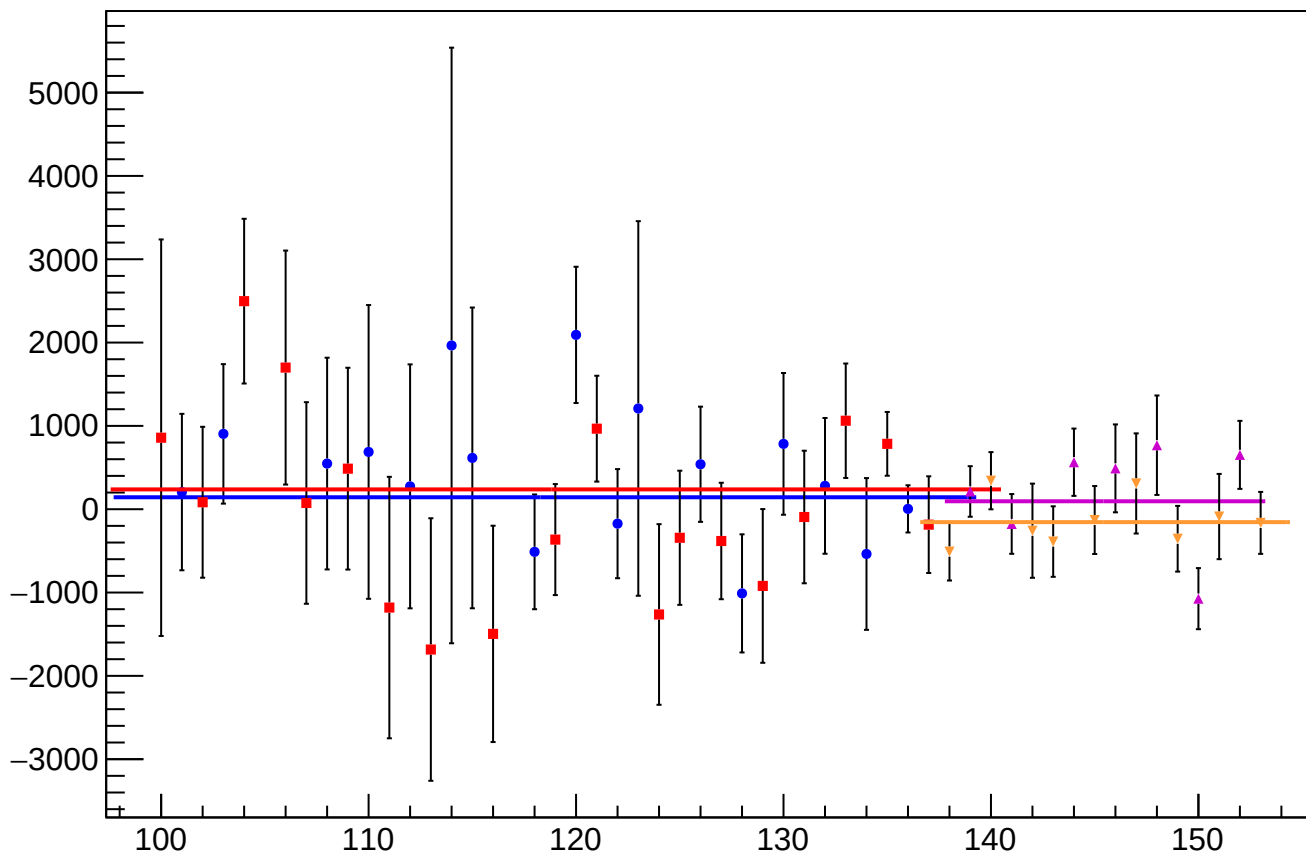
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.581+/-0.104 χ^2/NDF :495026.1/6

Out: 345.130+/-0.097 χ^2/NDF :362542.4/8

All: 345.340+/-0.071 χ^2/NDF : 857578.6/15

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -154.983 $\pm$ 138.980 χ^2 /NDF: 4.3/8

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

Left In: 95.354 $\pm$ 149.735 χ^2 /NDF: 15.9/6

Left: -39.127 $\pm$ 101.864 χ^2 /NDF: 21.8/15

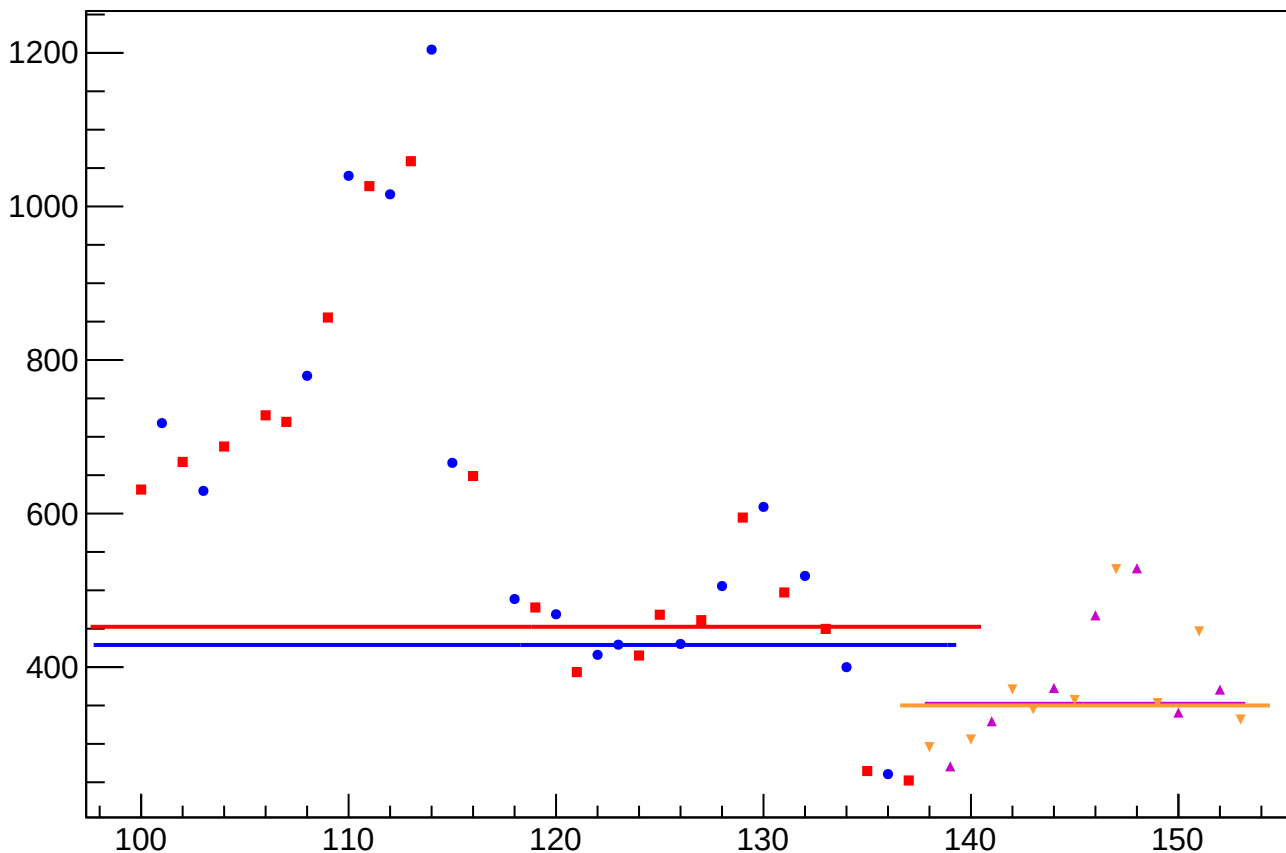
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 115.138 $\pm$ 114.913 χ^2 /NDF: 28.7/23

Out: -12.285 $\pm$ 110.899 χ^2 /NDF: 28.9/27

All: 49.162 $\pm$ 79.799 χ^2 /NDF: 58.3/51

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 350.041 $\pm$ 0.098 χ^2 /NDF:336561.1/8

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

Left In: 352.227 $\pm$ 0.106 χ^2 /NDF:433747.2/6

Left: 351.053 $\pm$ 0.072 χ^2 /NDF: 770537.3/15

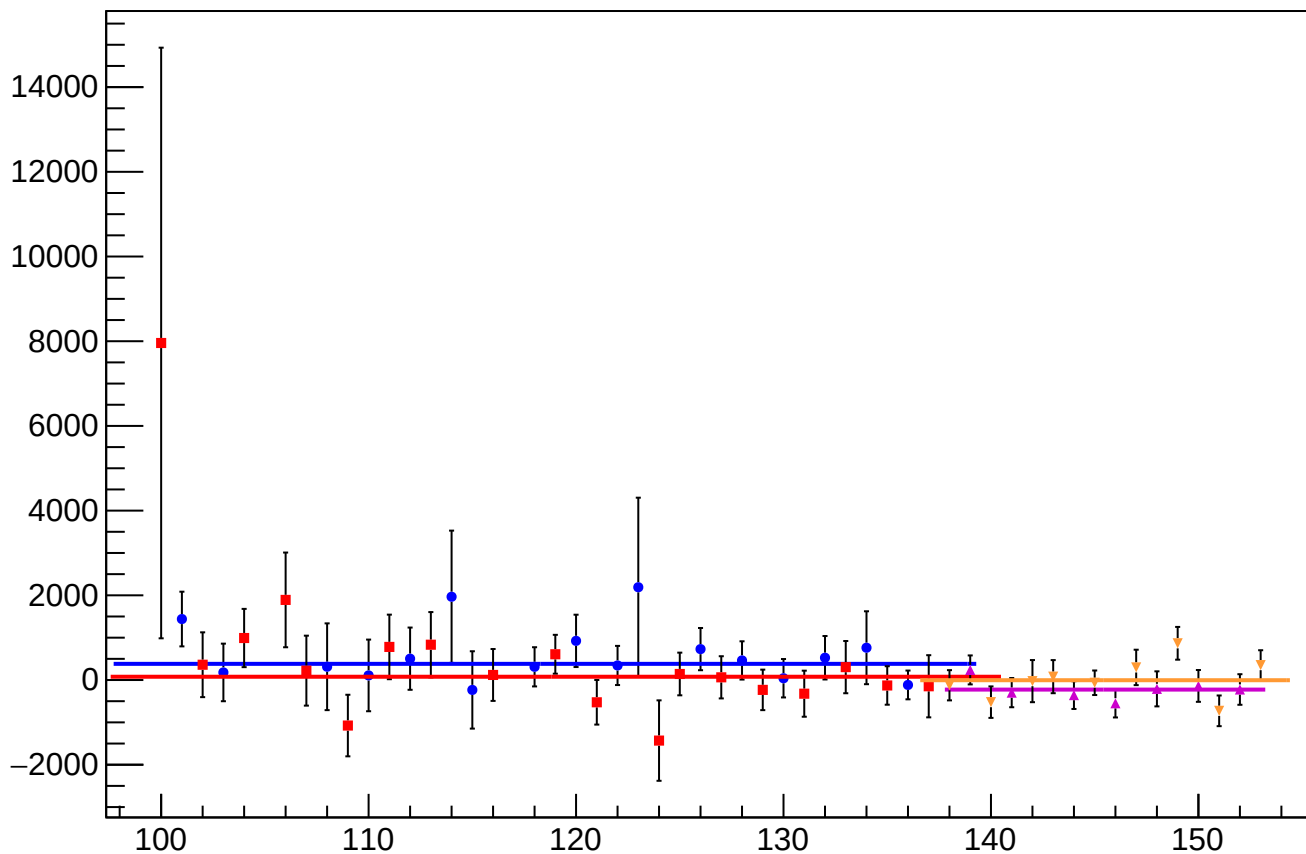
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 383.724 $\pm$ 0.081 χ^2 /NDF:2661378.0/23

Out: 387.269 $\pm$ 0.078 χ^2 /NDF:2770811.9/27

All: 385.560 $\pm$ 0.056 χ^2 /NDF: 5433175.1/51

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 χ^2/NDF : 9.4/16

Left Out: -4.658 ± 123.346 χ^2/NDF : 12.8/8

Right Out: 77.490 ± 143.469 χ^2/NDF : 16.8/18

Left In: -225.990 ± 133.858 χ^2/NDF : 3.0/6

Left: -106.293 ± 90.708 χ^2/NDF : 17.3/15

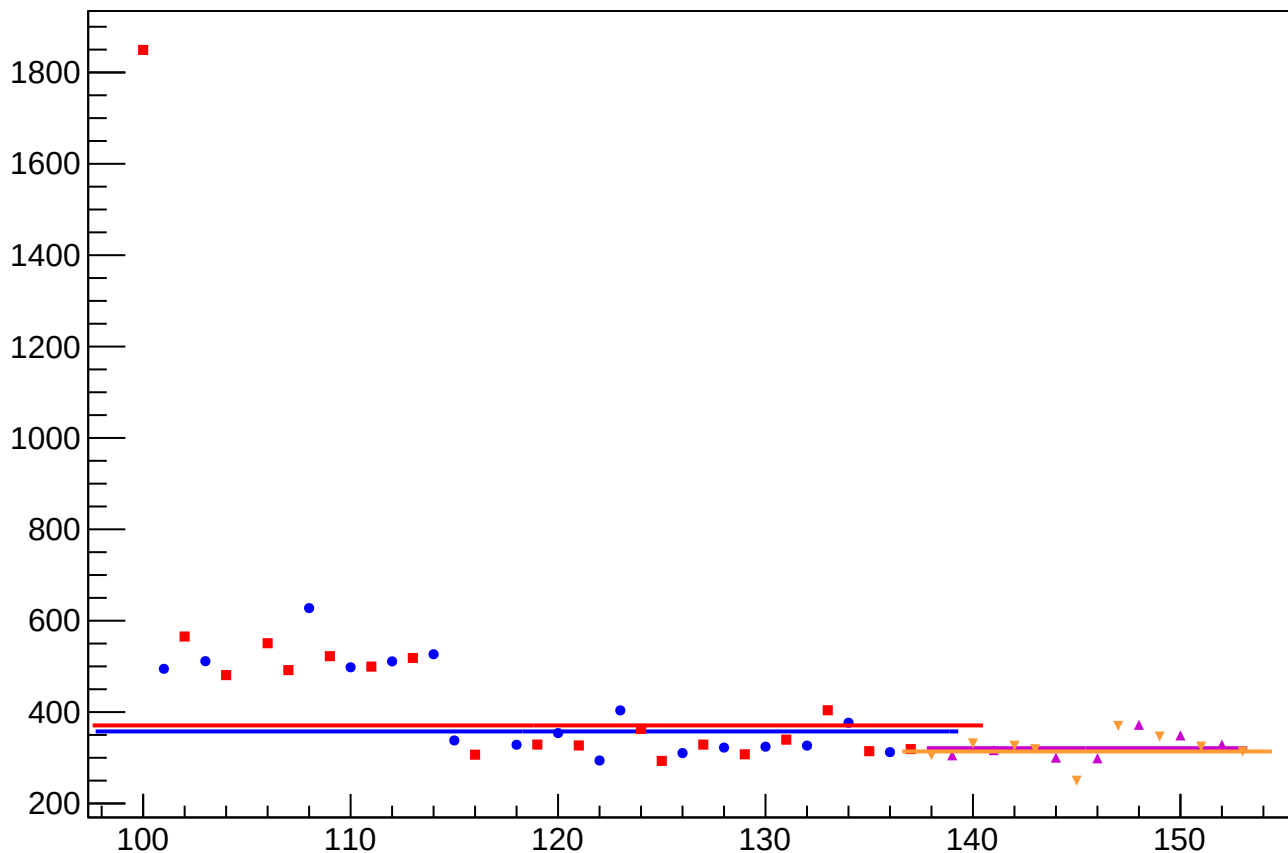
Right: 232.126 ± 100.633 χ^2/NDF : 28.5/35

In: 61.753 ± 97.141 χ^2/NDF : 22.2/23

Out: 30.256 ± 93.531 χ^2/NDF : 29.7/27

All: 45.408 ± 67.377 χ^2/NDF : 52.0/51

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 313.847 $\pm$ 0.087 χ^2 /NDF: 156537.9/8

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

Left In: 320.959 $\pm$ 0.095 χ^2 /NDF: 63911.7/6

Left: 317.113 $\pm$ 0.064 χ^2 /NDF: 223502.8/15

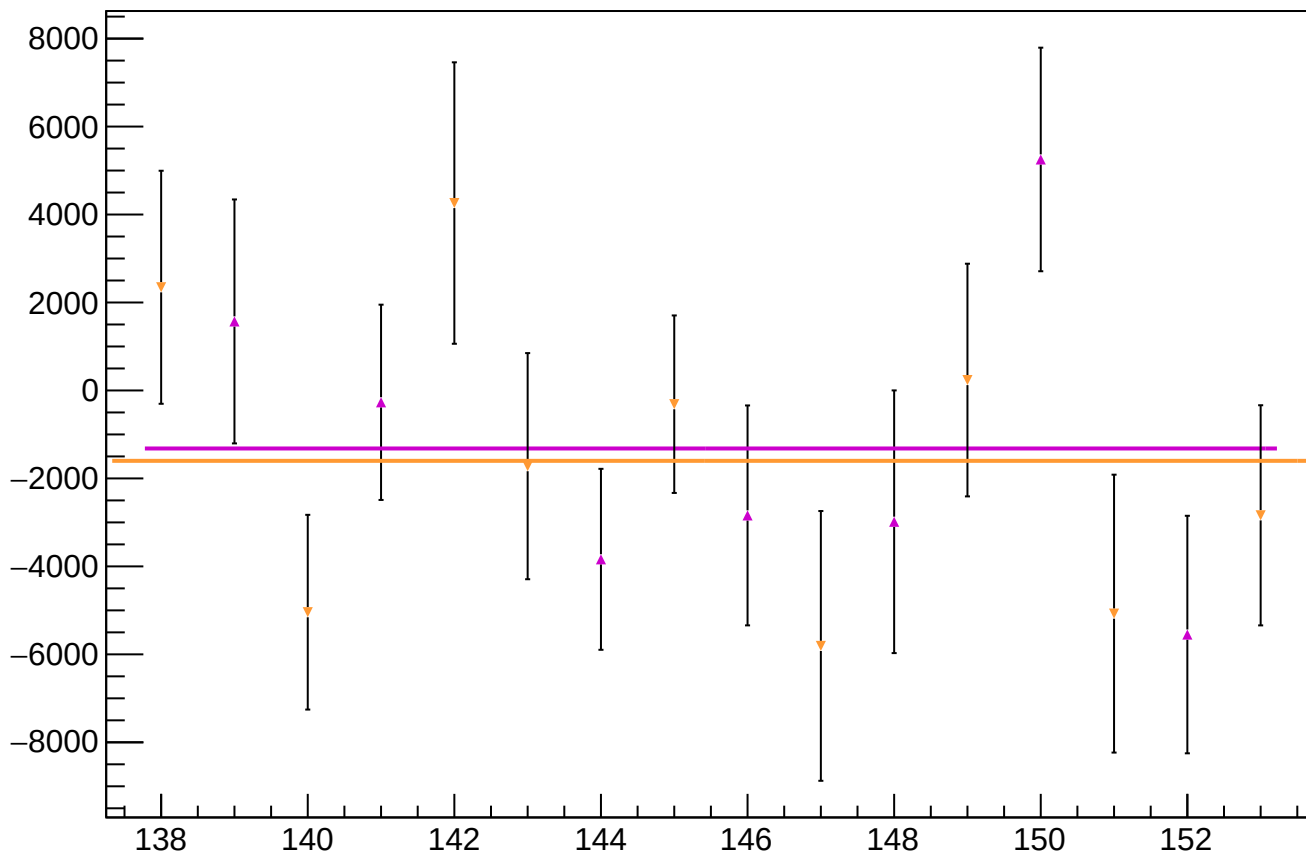
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 338.334 $\pm$ 0.069 χ^2 /NDF: 764766.9/23

Out: 338.050 $\pm$ 0.066 χ^2 /NDF: 1122505.9/27

All: 338.186 $\pm$ 0.048 χ^2 /NDF: 1887281.7/51

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1600.240+/-860.596 χ^2/NDF :12.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1319.255+/-939.363 χ^2/NDF :12.6/6

Left: -1472.020+/-634.556 χ^2/NDF : 24.9/15

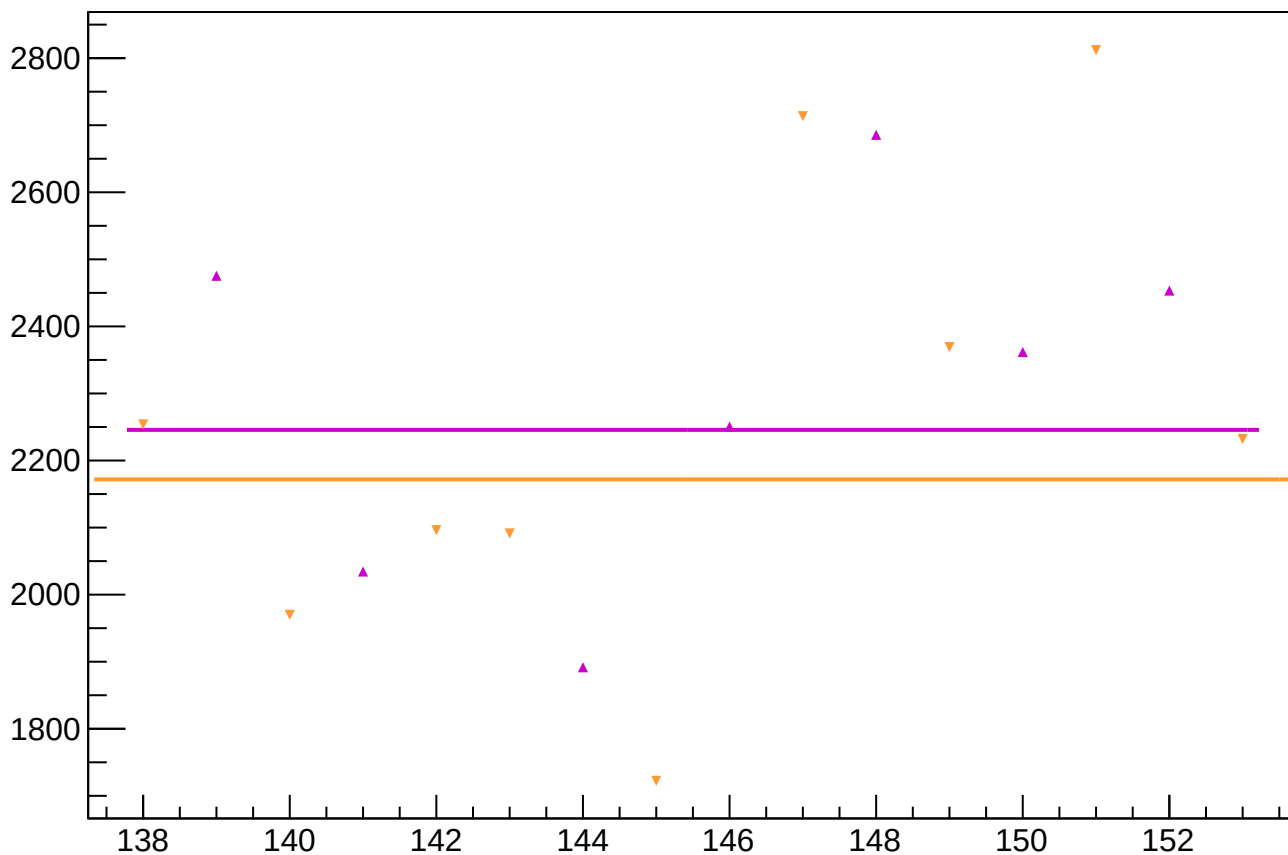
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1319.255+/-939.363 χ^2/NDF :12.6/6

Out: -1600.240+/-860.596 χ^2/NDF :12.2/8

All: -1472.020+/-634.556 χ^2/NDF : 24.9/15

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2171.864+/-0.609 χ^2/NDF :277651.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2245.712+/-0.664 χ^2/NDF :150484.8/6

Left: 2205.562+/-0.449 χ^2/NDF : 434856.4/15

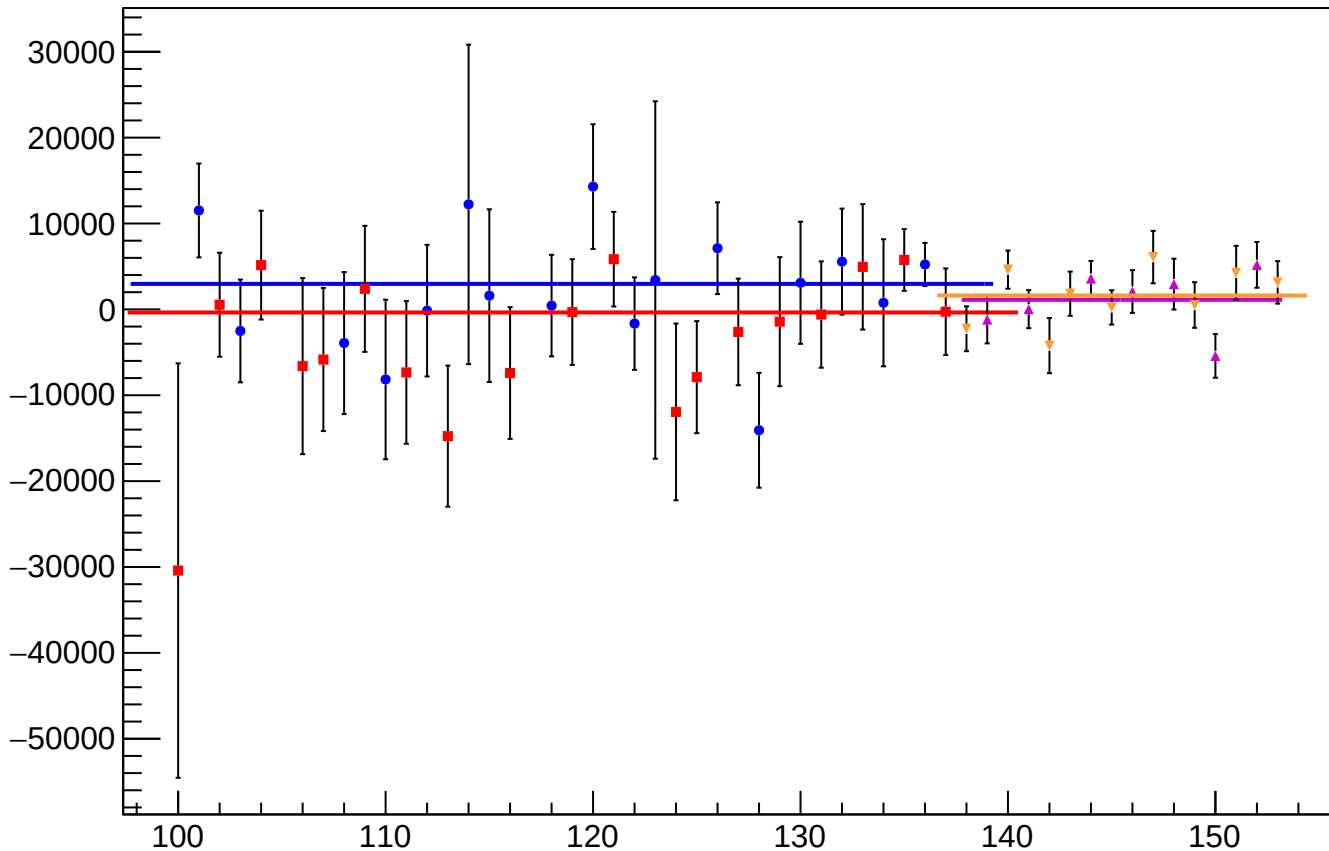
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2245.712+/-0.664 χ^2/NDF :150484.8/6

Out: 2171.864+/-0.609 χ^2/NDF :277651.4/8

All: 2205.562+/-0.449 χ^2/NDF : 434856.4/15

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125 $\pm$ 1440.489 χ^2/NDF : 17.4/16

Left Out: 1619.179 $\pm$ 857.039 χ^2/NDF : 11.2/8

Right Out: -358.685 $\pm$ 1507.064 χ^2/NDF : 15.3/18

Left In: 1111.459 $\pm$ 935.244 χ^2/NDF : 11.9/6

Left: 1387.431 $\pm$ 631.860 χ^2/NDF : 23.3/15

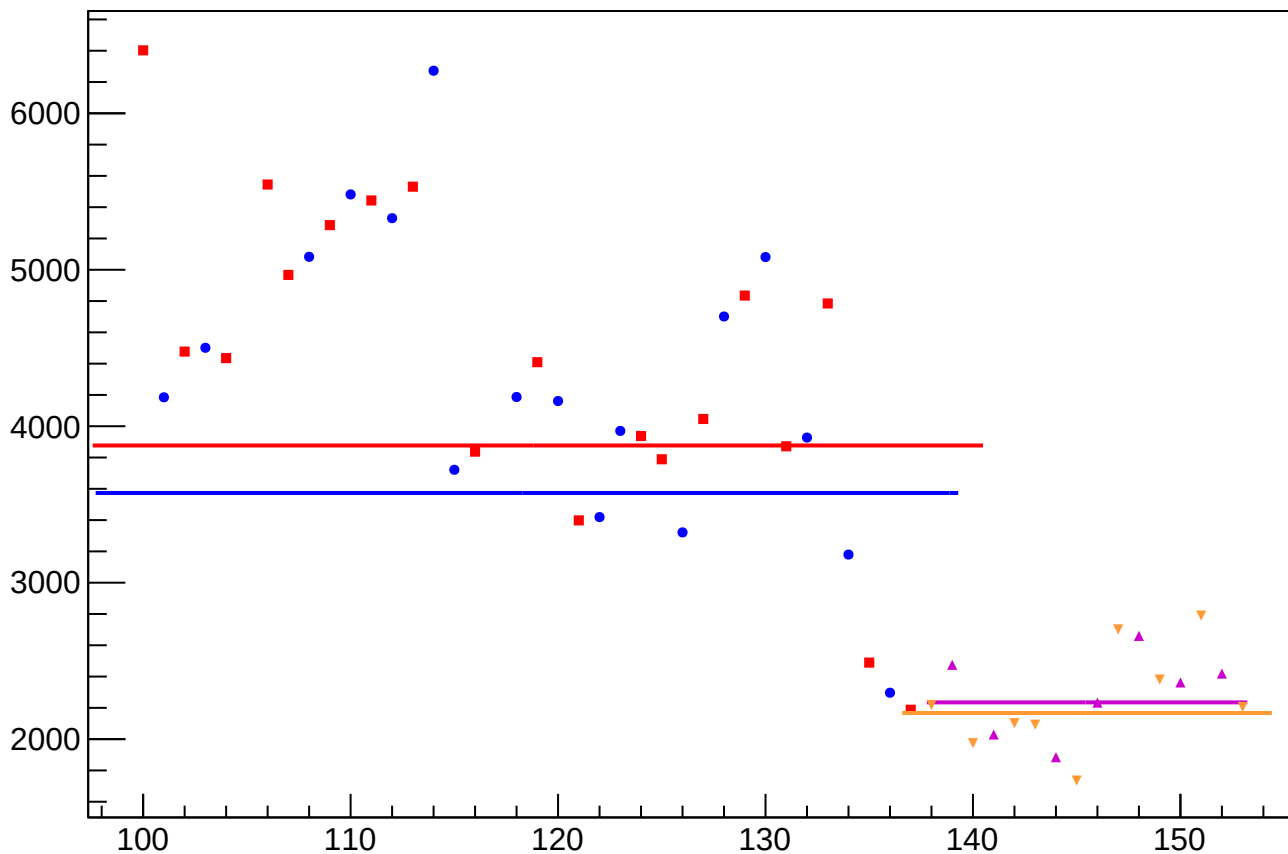
Right: 1380.346 $\pm$ 1041.320 χ^2/NDF : 35.3/35

In: 1662.319 $\pm$ 784.417 χ^2/NDF : 30.4/23

Out: 1135.849 $\pm$ 744.998 χ^2/NDF : 27.9/27

All: 1385.524 $\pm$ 540.191 χ^2/NDF : 58.5/51

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470 $\pm$ 1.019 χ^2/NDF : 1088731.5/16

Left Out: 2167.093 $\pm$ 0.606 χ^2/NDF : 265311.2/8

Right Out: 3876.914 $\pm$ 1.066 χ^2/NDF : 988409.8/18

Left In: 2235.002 $\pm$ 0.661 χ^2/NDF : 146412.5/6

Left: 2198.090 $\pm$ 0.447 χ^2/NDF : 417455.4/15

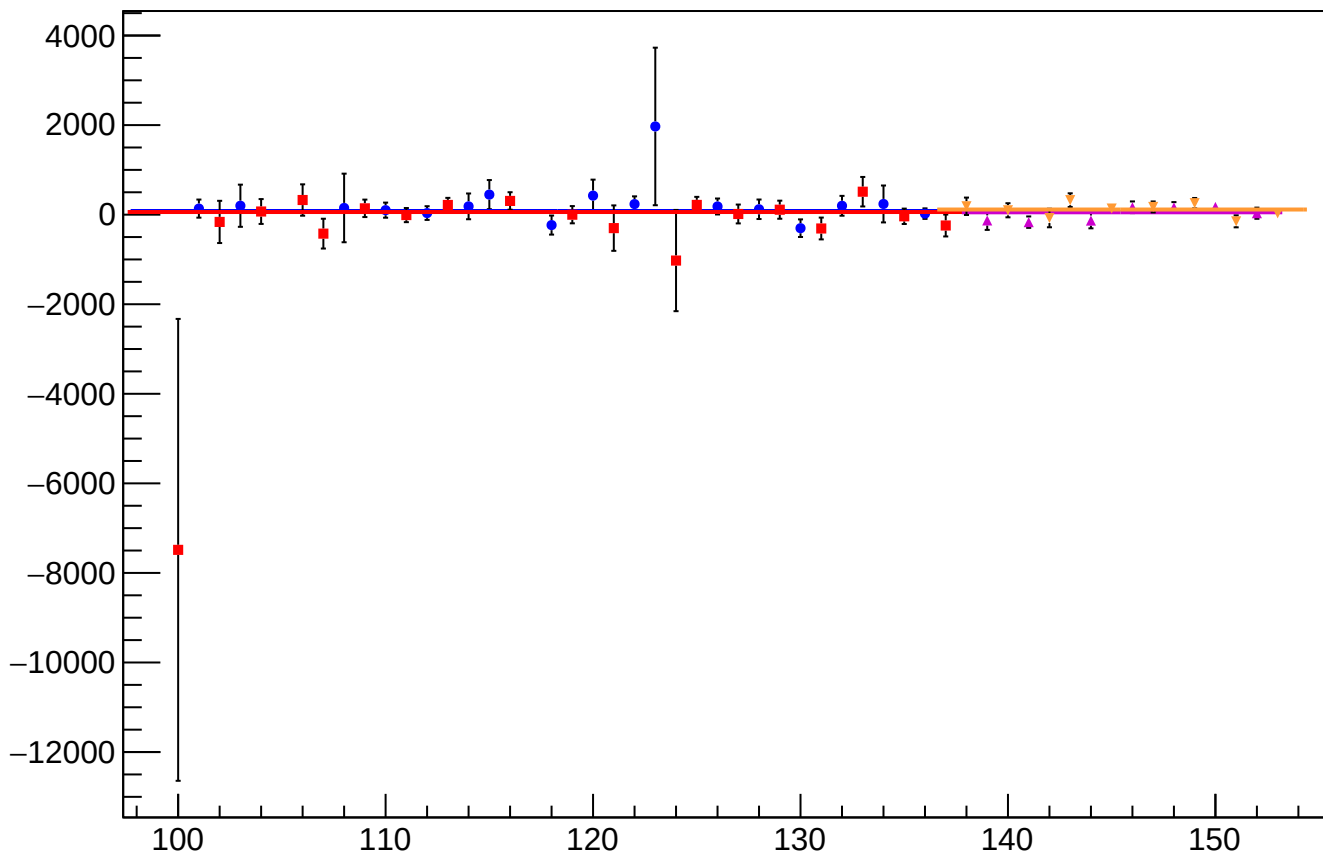
Right: 3718.342 $\pm$ 0.736 χ^2/NDF : 2119512.7/35

In: 2631.903 $\pm$ 0.555 χ^2/NDF : 2449844.5/23

Out: 2584.921 $\pm$ 0.527 χ^2/NDF : 3198979.5/27

All: 2607.202 $\pm$ 0.382 χ^2/NDF : 5652596.2/51

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 114.849+/-44.920 χ^2/NDF : 9.1/8

Right Out: 59.008+/-53.165 χ^2/NDF : 16.4/18

Left In: 53.095+/-49.878 χ^2/NDF : 7.8/6

Left: 87.193+/-33.379 χ^2/NDF : 17.7/15

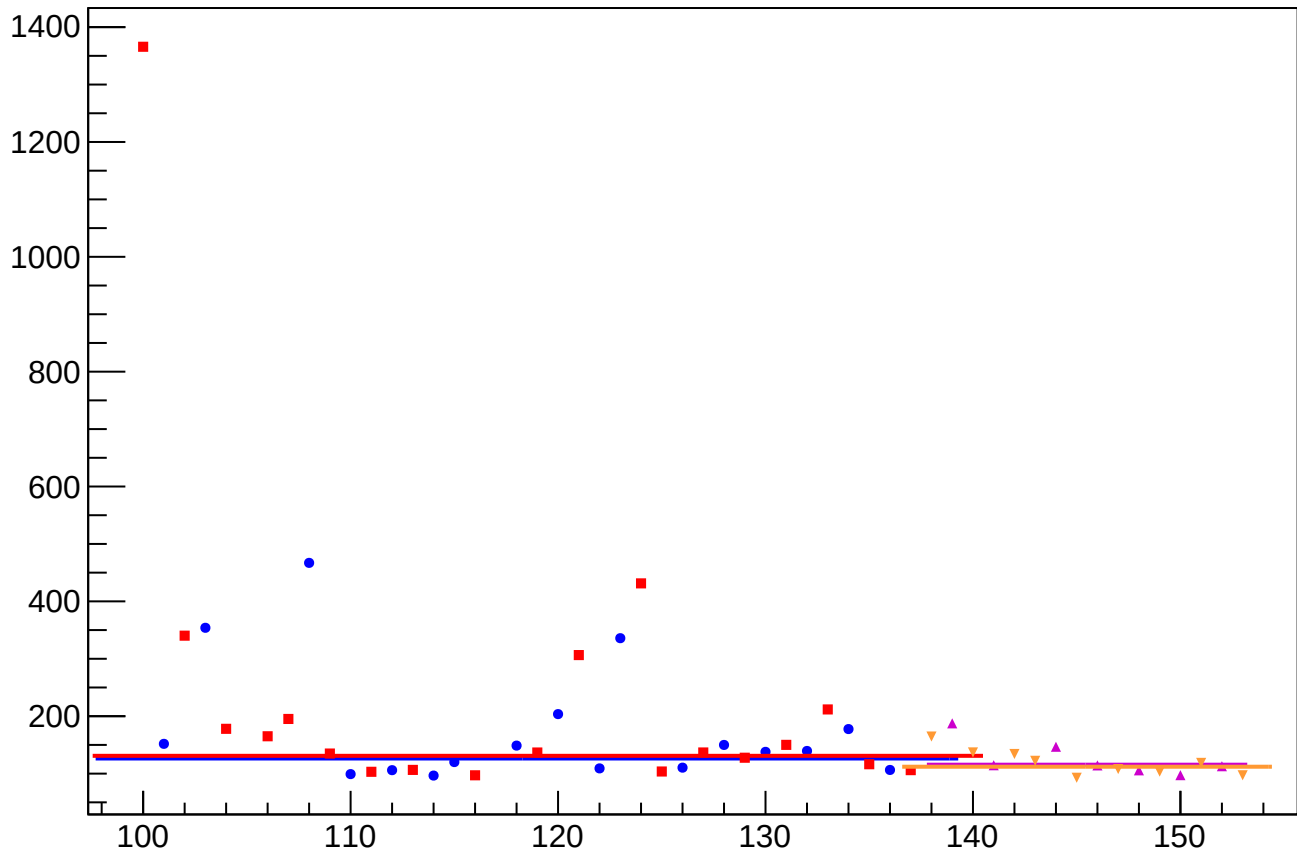
Right: 70.703+/-37.141 χ^2/NDF : 28.1/35

In: 66.900+/-35.965 χ^2/NDF : 19.5/23

Out: 91.590+/-34.313 χ^2/NDF : 26.2/27

All: 79.825+/-24.826 χ^2/NDF : 45.9/51

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF : 1310585.0/16

Left Out: 112.030+/-0.032 χ^2/NDF : 344210.6/8

Right Out: 131.007+/-0.038 χ^2/NDF : 1429260.8/18

Left In: 115.548+/-0.035 χ^2/NDF : 371858.3/6

Left: 113.606+/-0.024 χ^2/NDF : 721563.1/15

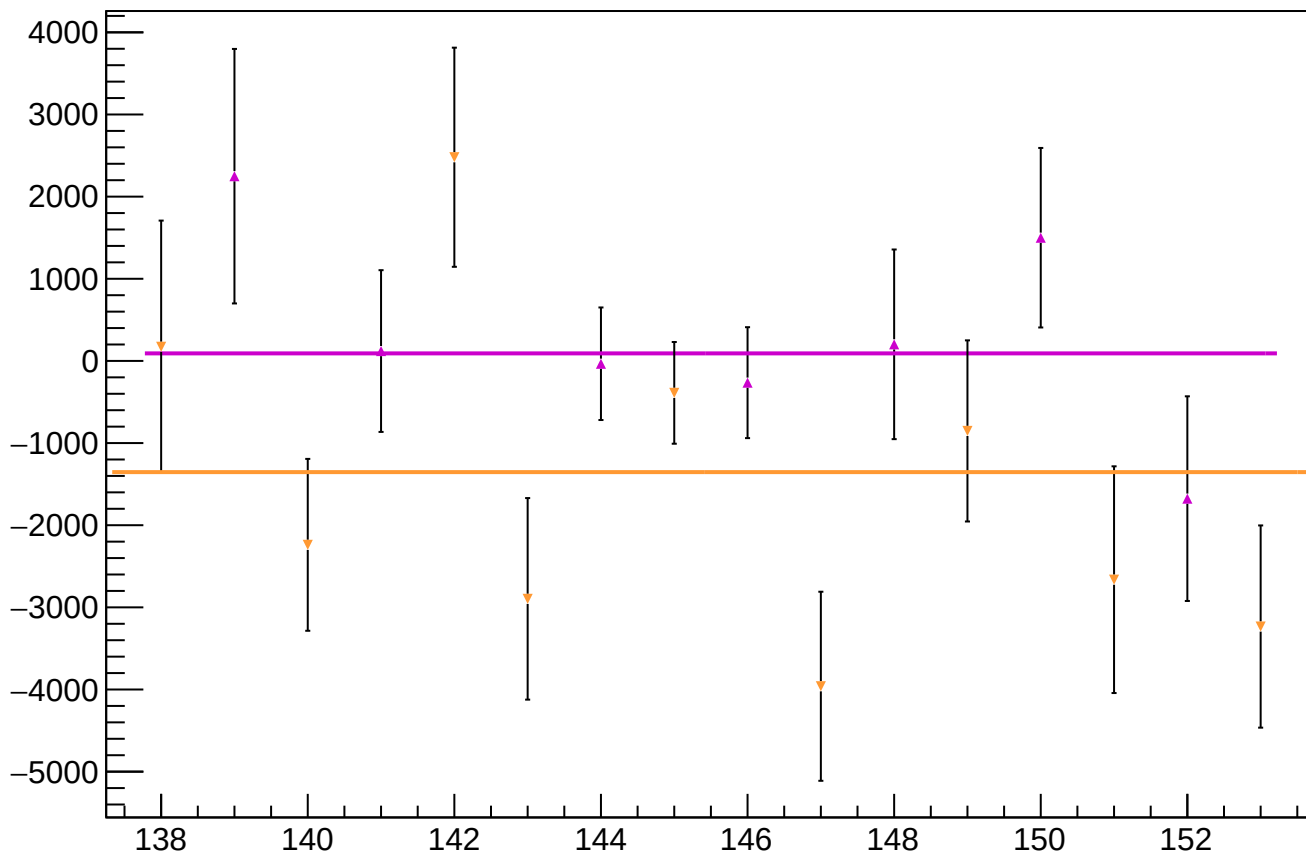
Right: 128.617+/-0.026 χ^2/NDF : 2747739.0/35

In: 120.729+/-0.025 χ^2/NDF : 1727385.2/23

Out: 119.935+/-0.024 χ^2/NDF : 1922151.7/27

All: 120.313+/-0.018 χ^2/NDF : 3650047.4/51

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1353.626+/-354.985 χ^2/NDF :22.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 91.806+/-353.443 χ^2/NDF :5.9/6

Left: -627.764+/-250.466 χ^2/NDF : 36.8/15

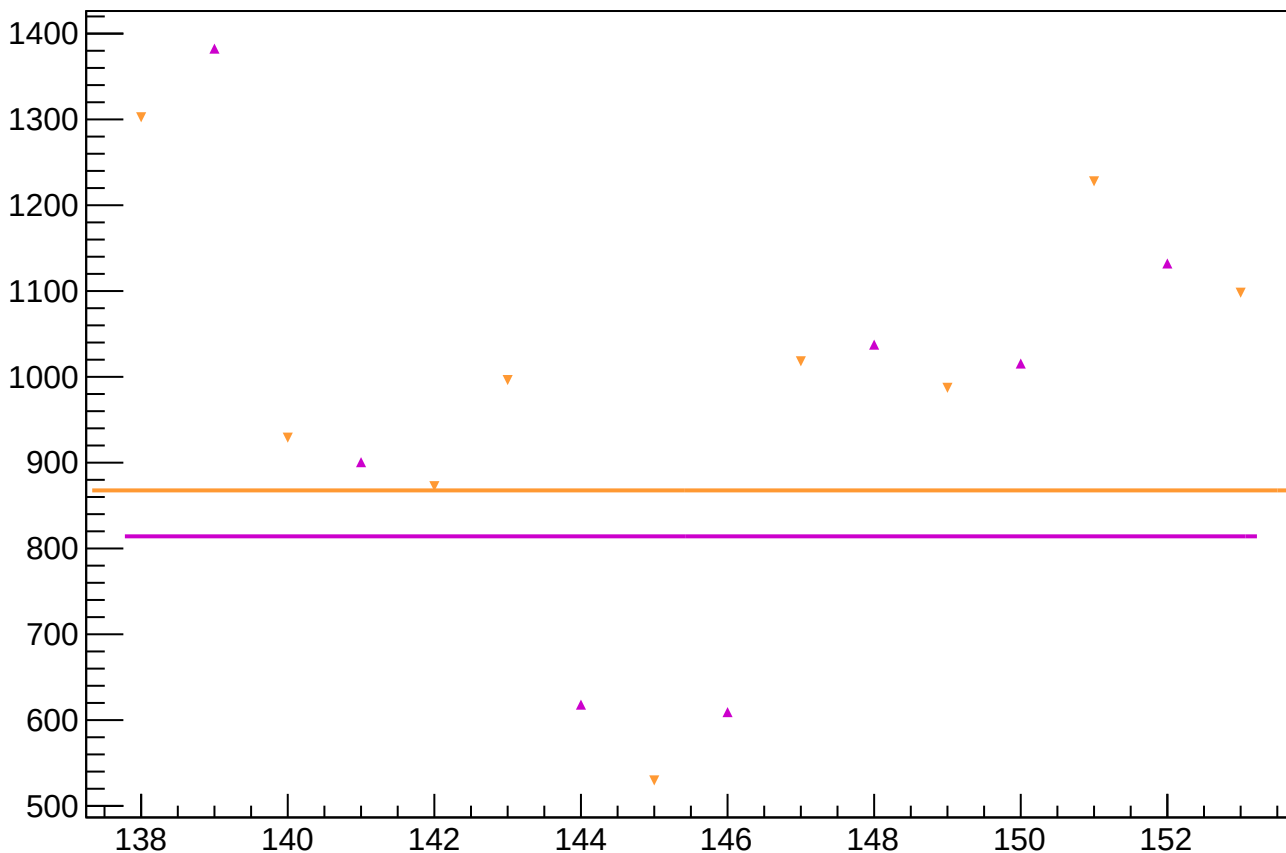
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.806+/-353.443 χ^2/NDF :5.9/6

Out: -1353.626+/-354.985 χ^2/NDF :22.5/8

All: -627.764+/-250.466 χ^2/NDF : 36.8/15

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 867.677+/-0.251 χ^2/NDF :1049164.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 814.148+/-0.250 χ^2/NDF :905776.1/6

Left: 840.796+/-0.177 χ^2/NDF : 1977777.5/15

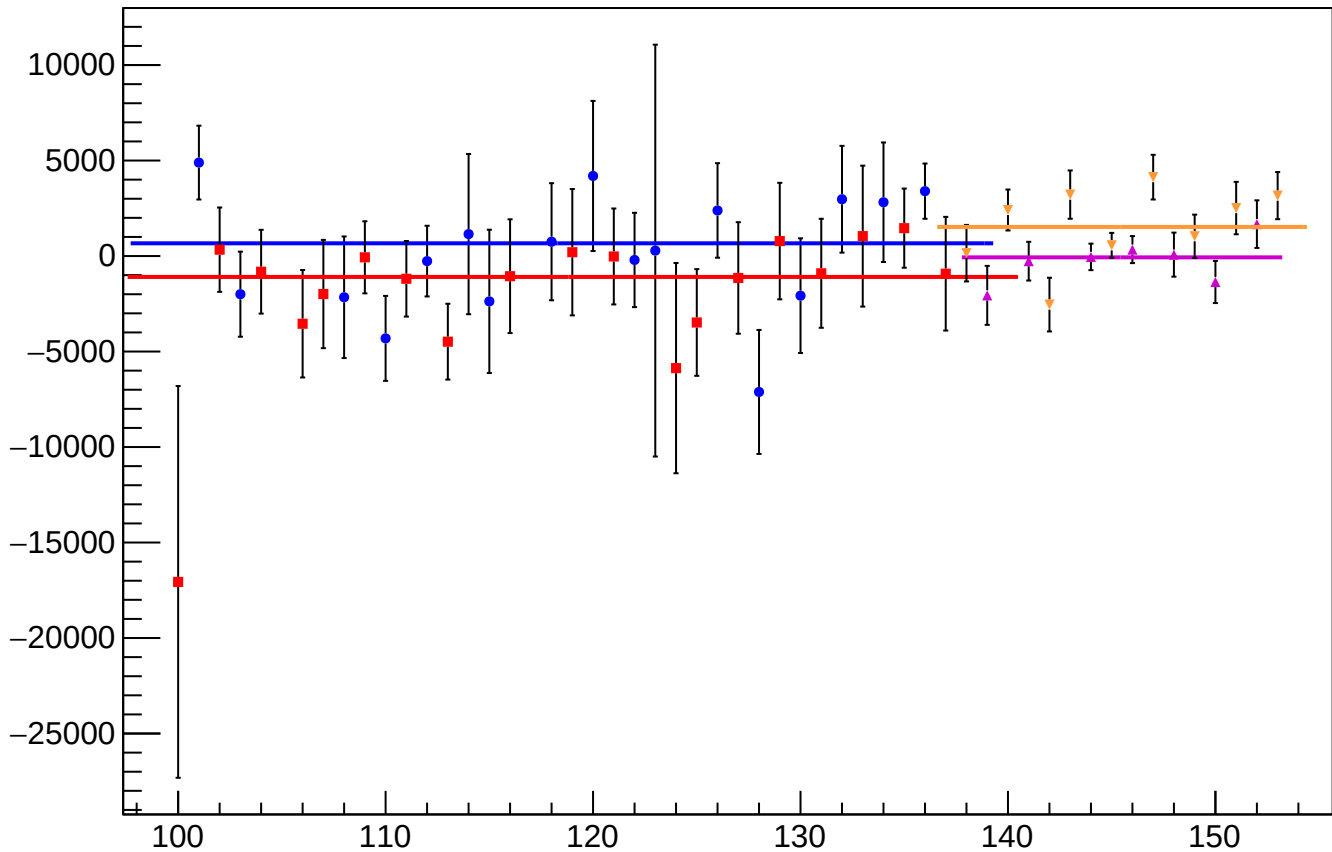
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 814.148+/-0.250 χ^2/NDF :905776.1/6

Out: 867.677+/-0.251 χ^2/NDF :1049164.4/8

All: 840.796+/-0.177 χ^2/NDF : 1977777.5/15

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453 $\pm$ 618.839 χ^2/NDF : 25.6/16

Left Out: 1523.780 $\pm$ 364.597 χ^2/NDF : 21.3/8

Right Out: -1094.278 $\pm$ 602.639 χ^2/NDF : 11.0/18

Left In: -68.779 $\pm$ 360.751 χ^2/NDF : 5.4/6

Left: 719.056 $\pm$ 256.438 χ^2/NDF : 36.3/15

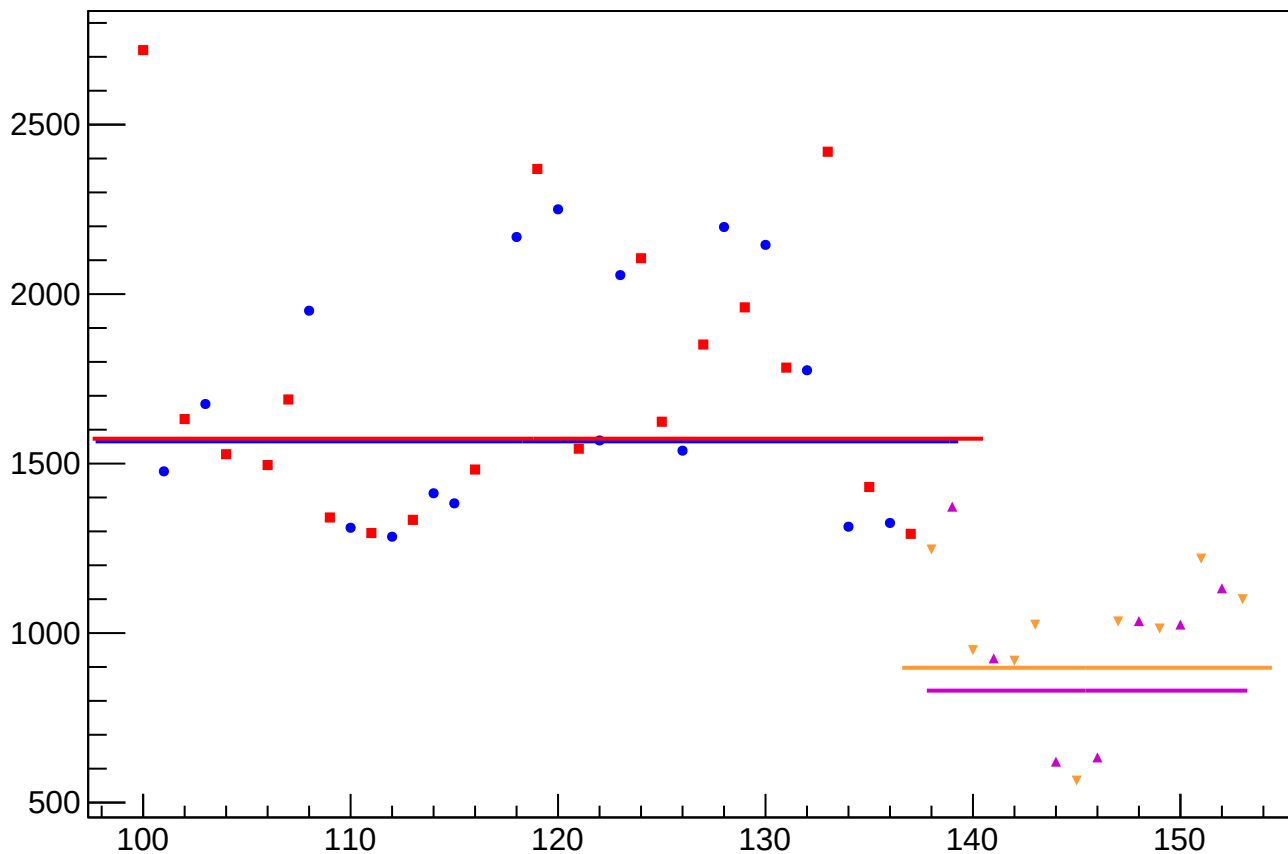
Right: -237.260 $\pm$ 431.744 χ^2/NDF : 40.8/35

In: 117.702 $\pm$ 311.661 χ^2/NDF : 32.1/23

Out: 822.273 $\pm$ 311.949 χ^2/NDF : 46.1/27

All: 469.663 $\pm$ 220.479 χ^2/NDF : 80.7/51

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 897.692 $\pm$ 0.258 χ^2 /NDF: 872886.4/8

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

Left In: 830.228 $\pm$ 0.255 χ^2 /NDF: 845168.5/6

Left: 863.602 $\pm$ 0.181 χ^2 /NDF: 1752657.3/15

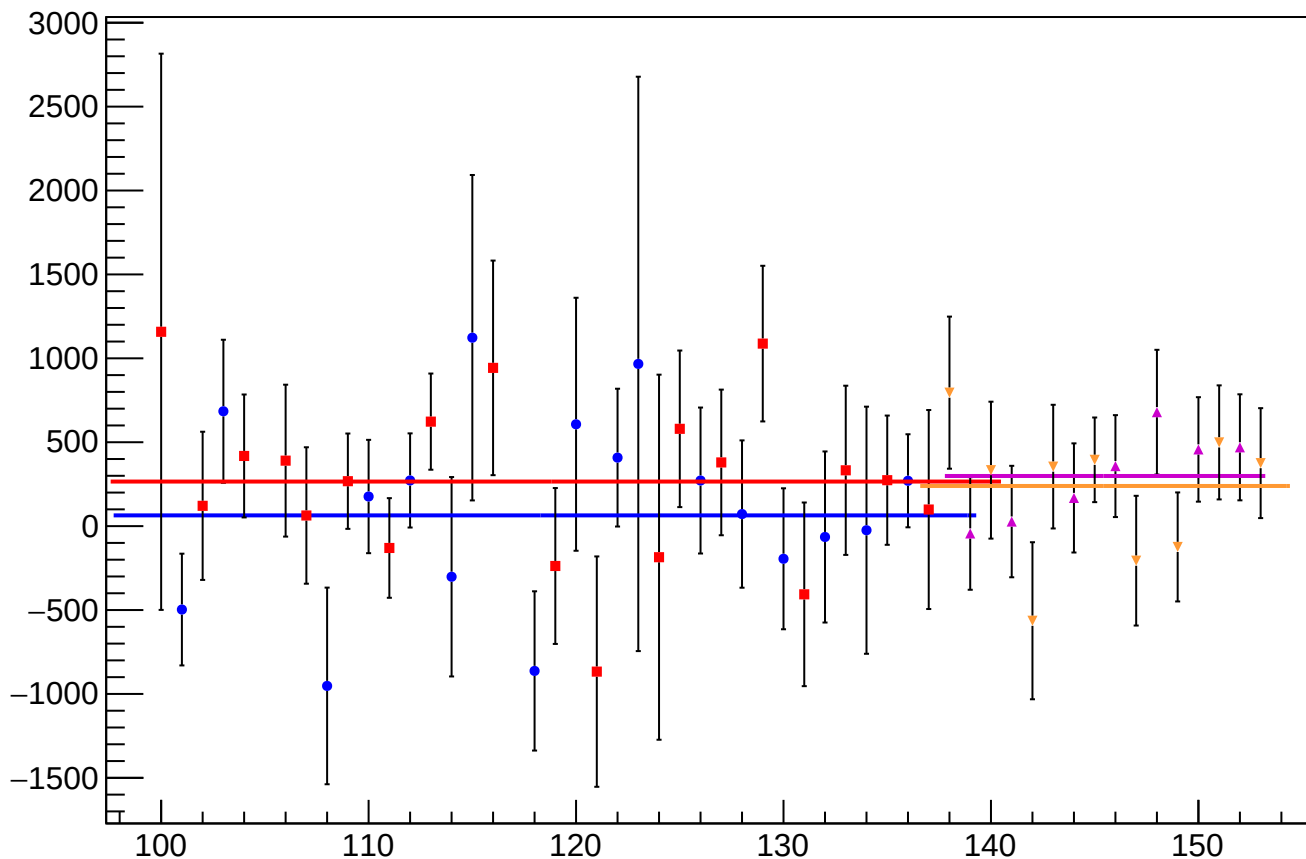
Right: 1569.597 $\pm$ 0.305 χ^2 /NDF: 952991.2/35

In: 1016.750 $\pm$ 0.220 χ^2 /NDF: 3443940.1/23

Out: 1078.738 $\pm$ 0.221 χ^2 /NDF: 3175402.1/27

All: 1047.716 $\pm$ 0.156 χ^2 /NDF: 6658865.6/51

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 $\pm$ 105.336 χ^2/NDF : 16.8/16

Left Out: 239.321 $\pm$ 117.303 χ^2/NDF : 8.3/8

Right Out: 265.661 $\pm$ 99.379 χ^2/NDF : 14.7/18

Left In: 298.859 $\pm$ 123.257 χ^2/NDF : 3.5/6

Left: 267.617 $\pm$ 84.972 χ^2/NDF : 11.9/15

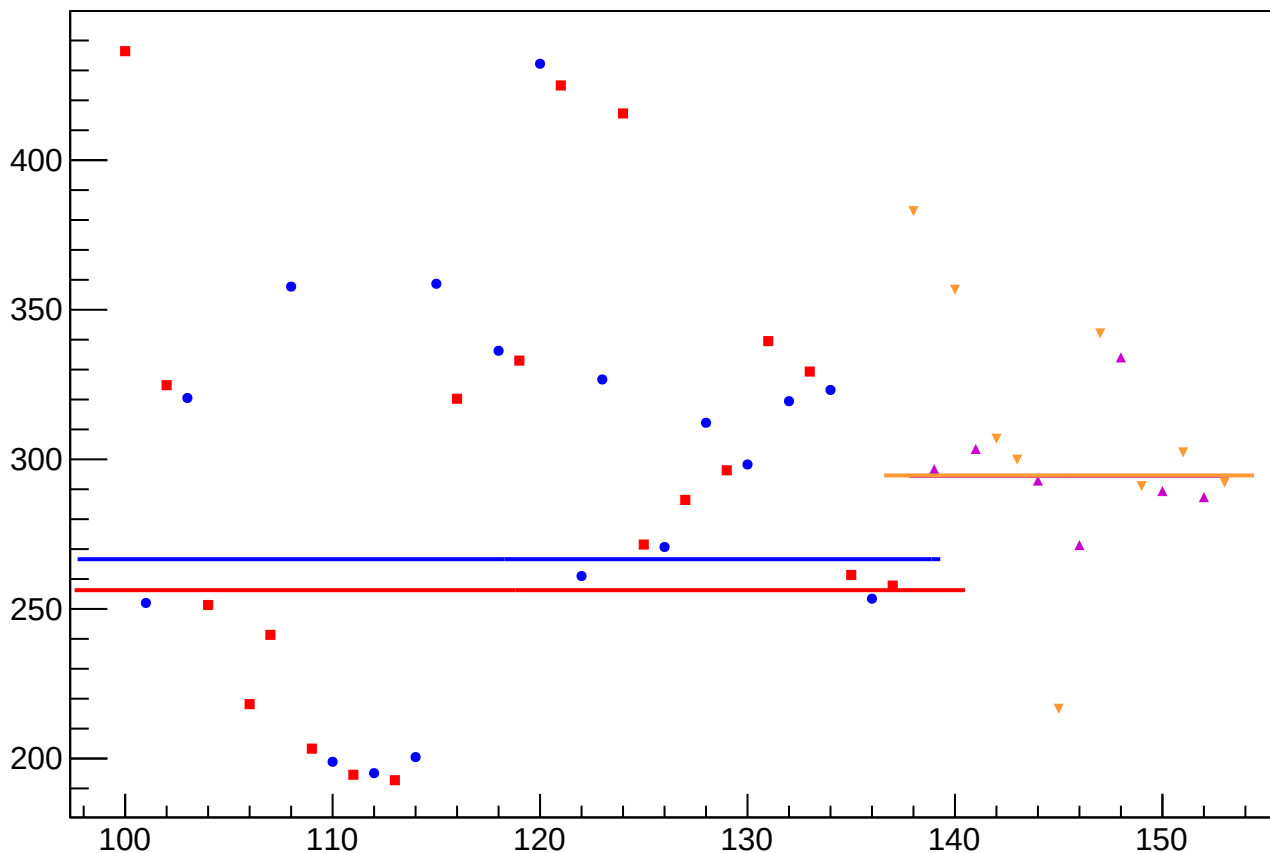
Right: 170.735 $\pm$ 72.286 χ^2/NDF : 33.4/35

In: 163.181 $\pm$ 80.077 χ^2/NDF : 22.4/23

Out: 254.655 $\pm$ 75.826 χ^2/NDF : 23.0/27

All: 211.411 $\pm$ 55.059 χ^2/NDF : 46.1/51

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 294.616 $\pm$ 0.083 χ^2 /NDF: 346883.3/8

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

Left In: 294.469 $\pm$ 0.087 χ^2 /NDF: 37478.6/6

Left: 294.546 $\pm$ 0.060 χ^2 /NDF: 384363.4/15

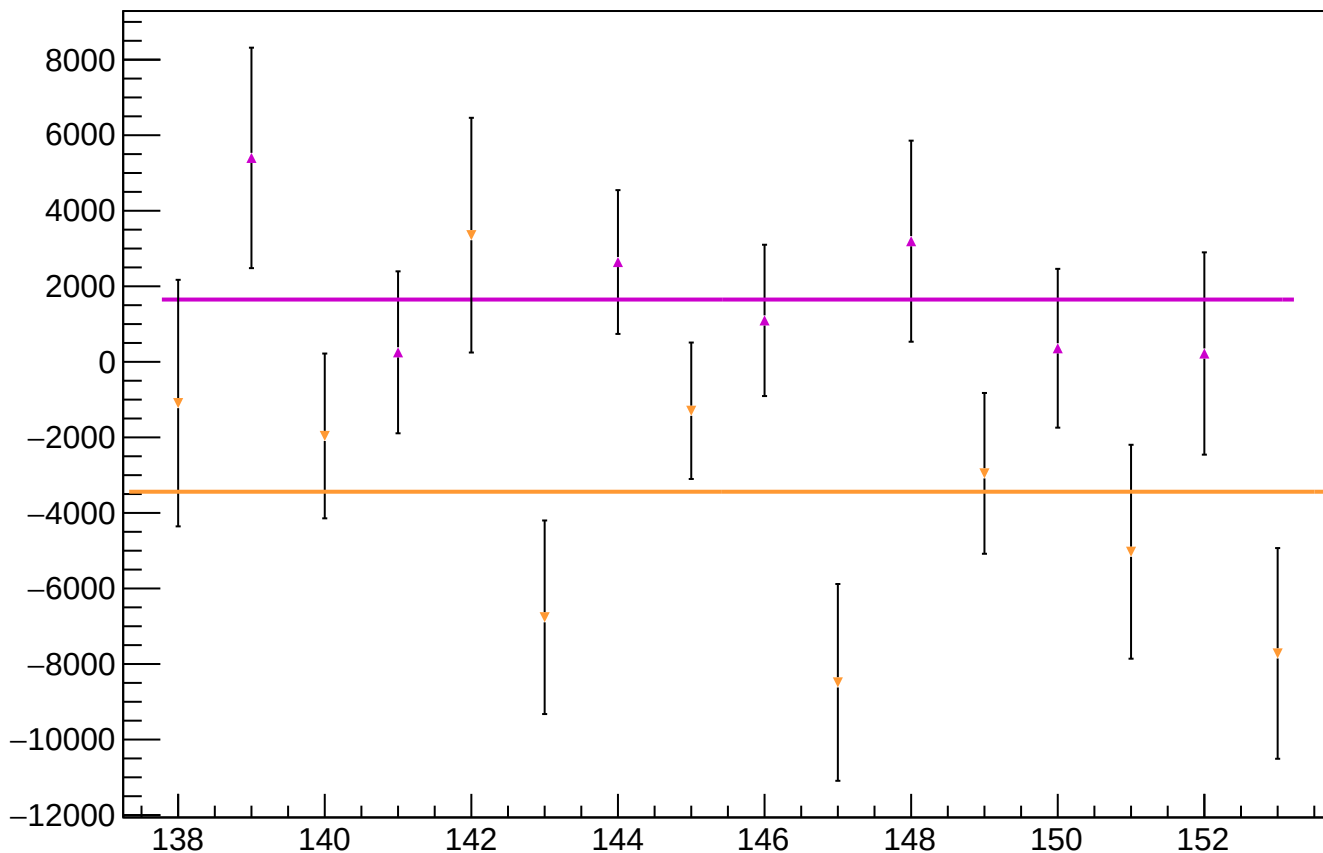
Right: 261.145 $\pm$ 0.051 χ^2 /NDF: 1257876.6/35

In: 278.377 $\pm$ 0.057 χ^2 /NDF: 647216.9/23

Out: 272.292 $\pm$ 0.054 χ^2 /NDF: 1168212.6/27

All: 275.169 $\pm$ 0.039 χ^2 /NDF: 1821519.2/51

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3438.557+/-819.885 χ^2/NDF :15.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1649.403+/-855.305 χ^2/NDF :3.4/6

Left: -1002.107+/-591.872 χ^2/NDF : 37.2/15

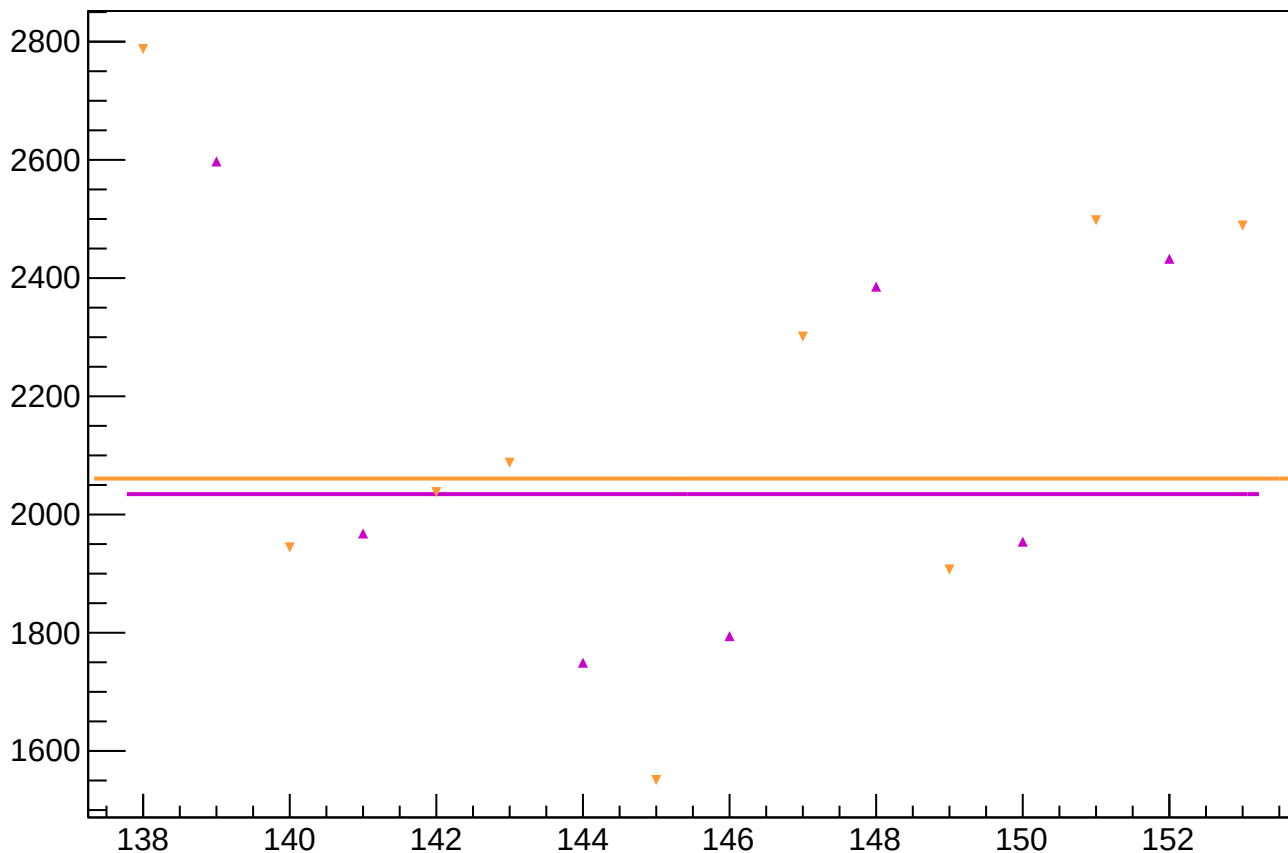
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1649.403+/-855.305 χ^2/NDF :3.4/6

Out: -3438.557+/-819.885 χ^2/NDF :15.3/8

All: -1002.107+/-591.872 χ^2/NDF : 37.2/15

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2060.878+/-0.580 χ^2/NDF :386830.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2034.514+/-0.605 χ^2/NDF :231901.6/6

Left: 2048.254+/-0.419 χ^2/NDF : 619722.6/15

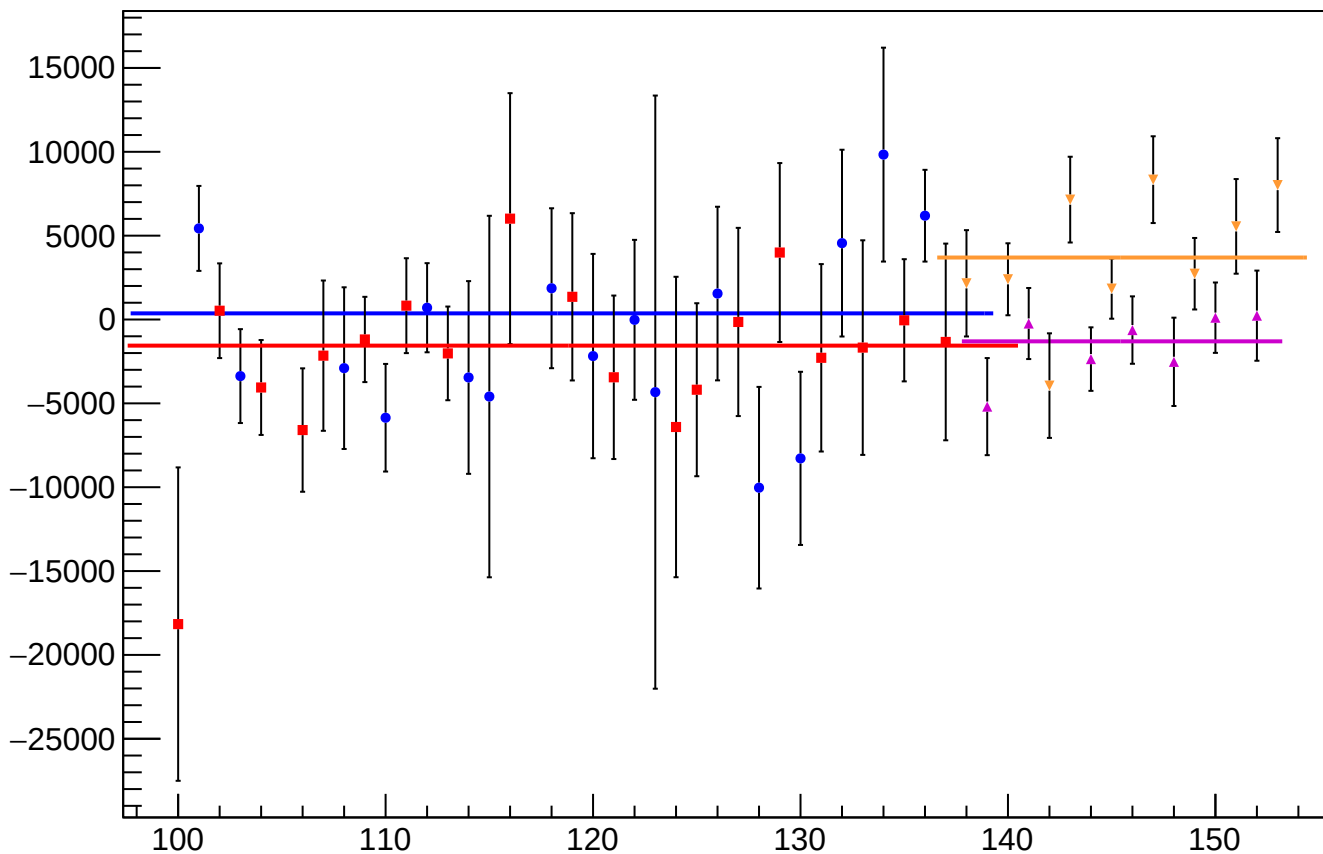
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2034.514+/-0.605 χ^2/NDF :231901.6/6

Out: 2060.878+/-0.580 χ^2/NDF :386830.7/8

All: 2048.254+/-0.419 χ^2/NDF : 619722.6/15

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454 $\pm$ 992.480 χ^2 /NDF: 24.2/16

Left Out: 3696.004 $\pm$ 815.033 χ^2 /NDF:15.7/8

Right Out: -1557.388 $\pm$ 924.003 χ^2 /NDF: 10.5/18

Left In: -1302.056 $\pm$ 851.818 χ^2 /NDF:3.5/6

Left: 1307.218 $\pm$ 588.890 χ^2 /NDF: 37.2/15

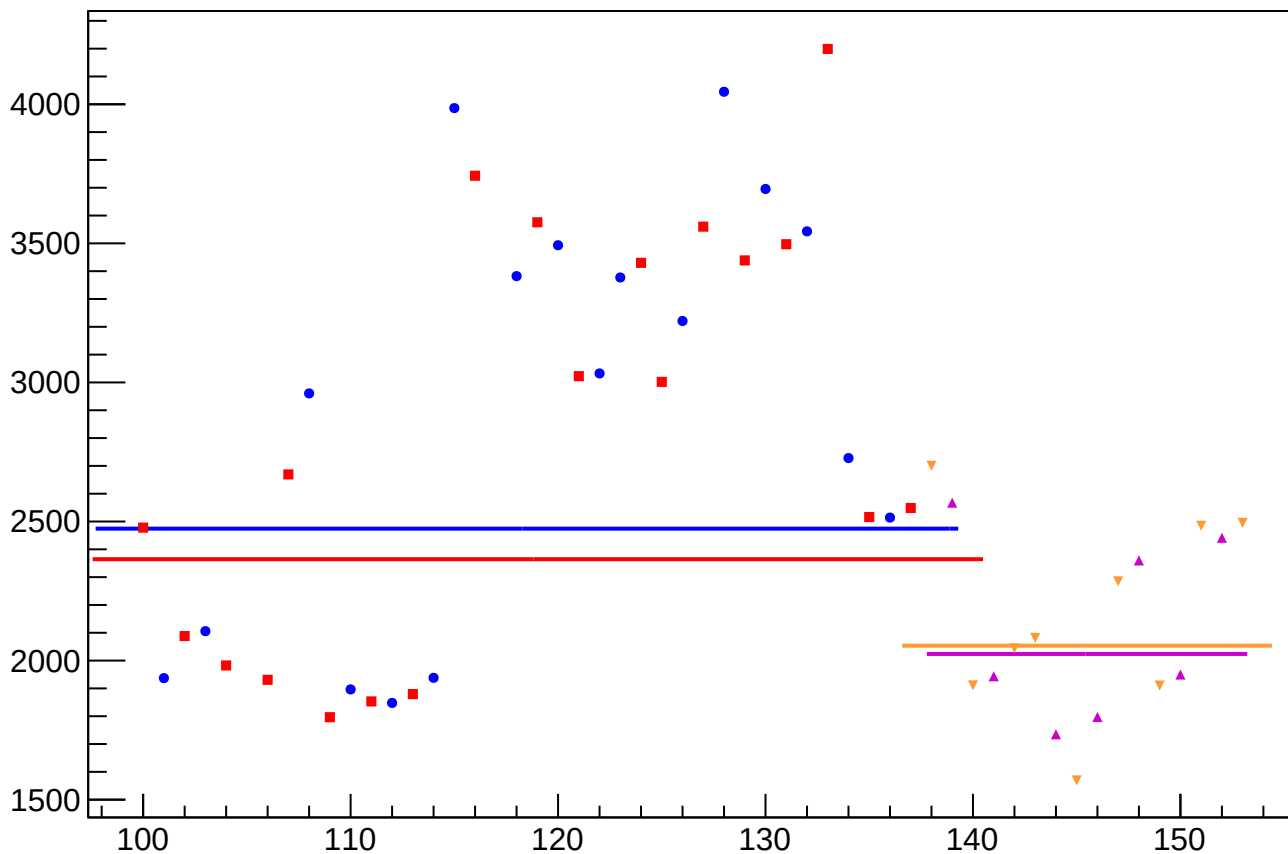
Right: -664.120 $\pm$ 676.282 χ^2 /NDF: 36.7/35

In: -594.321 $\pm$ 646.387 χ^2 /NDF:29.3/23

Out: 1397.202 $\pm$ 611.229 χ^2 /NDF:44.4/27

All: 457.073 $\pm$ 444.114 χ^2 /NDF: 78.7/51

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2053.568+/-0.576 χ^2/NDF : 359574.3/8

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

Left In: 2023.850+/-0.602 χ^2/NDF : 228778.5/6

Left: 2039.365+/-0.416 χ^2/NDF : 589623.6/15

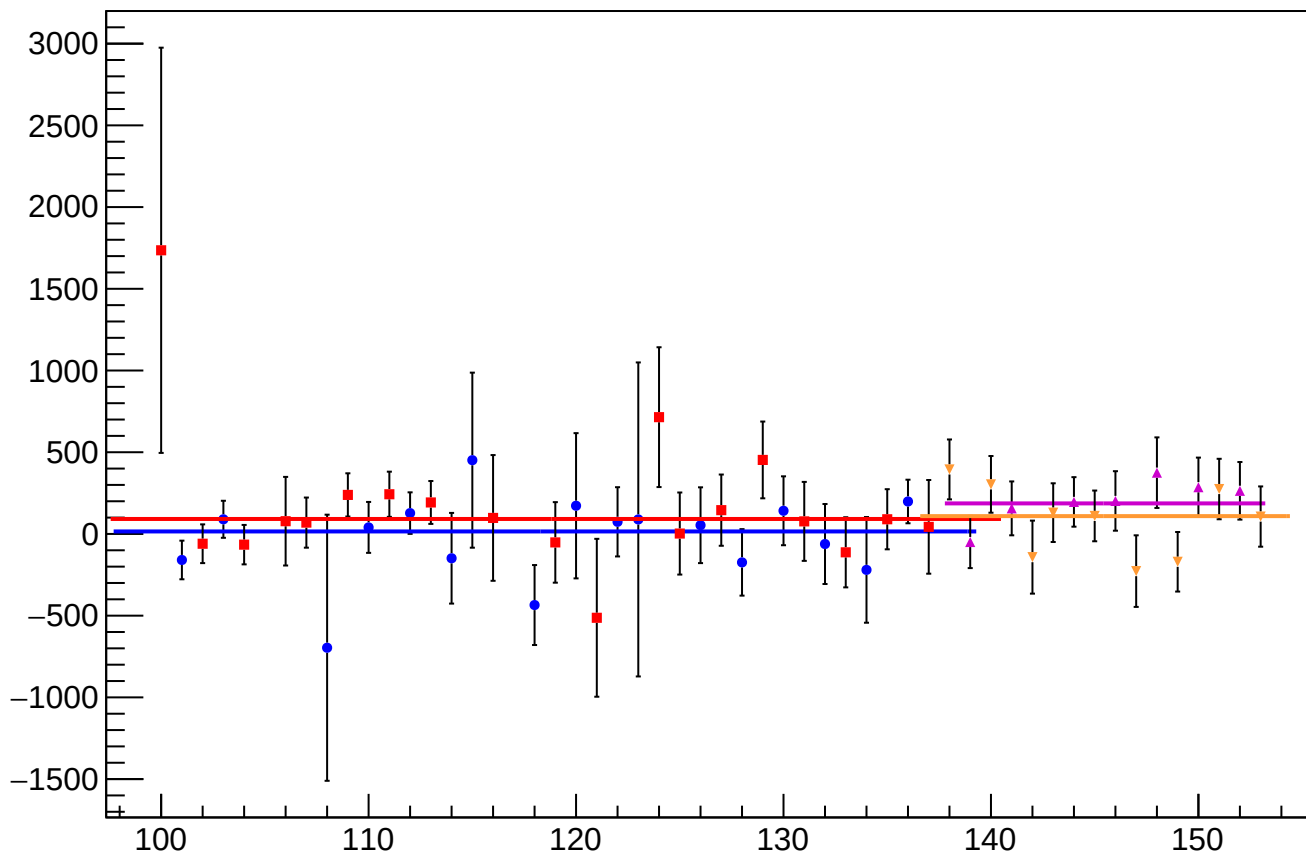
Right: 2415.527+/-0.478 χ^2/NDF : 1942797.3/35

In: 2214.956+/-0.457 χ^2/NDF : 1372365.1/23

Out: 2189.630+/-0.432 χ^2/NDF : 1510354.7/27

All: 2201.586+/-0.314 χ^2/NDF : 2884340.7/51

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303 $\pm$ 46.443 χ^2/NDF : 12.6/16

Left Out: 109.031 $\pm$ 61.408 χ^2/NDF : 10.5/8

Right Out: 91.634 $\pm$ 43.318 χ^2/NDF : 15.7/18

Left In: 186.923 $\pm$ 65.381 χ^2/NDF : 3.5/6

Left: 145.539 $\pm$ 44.761 χ^2/NDF : 14.7/15

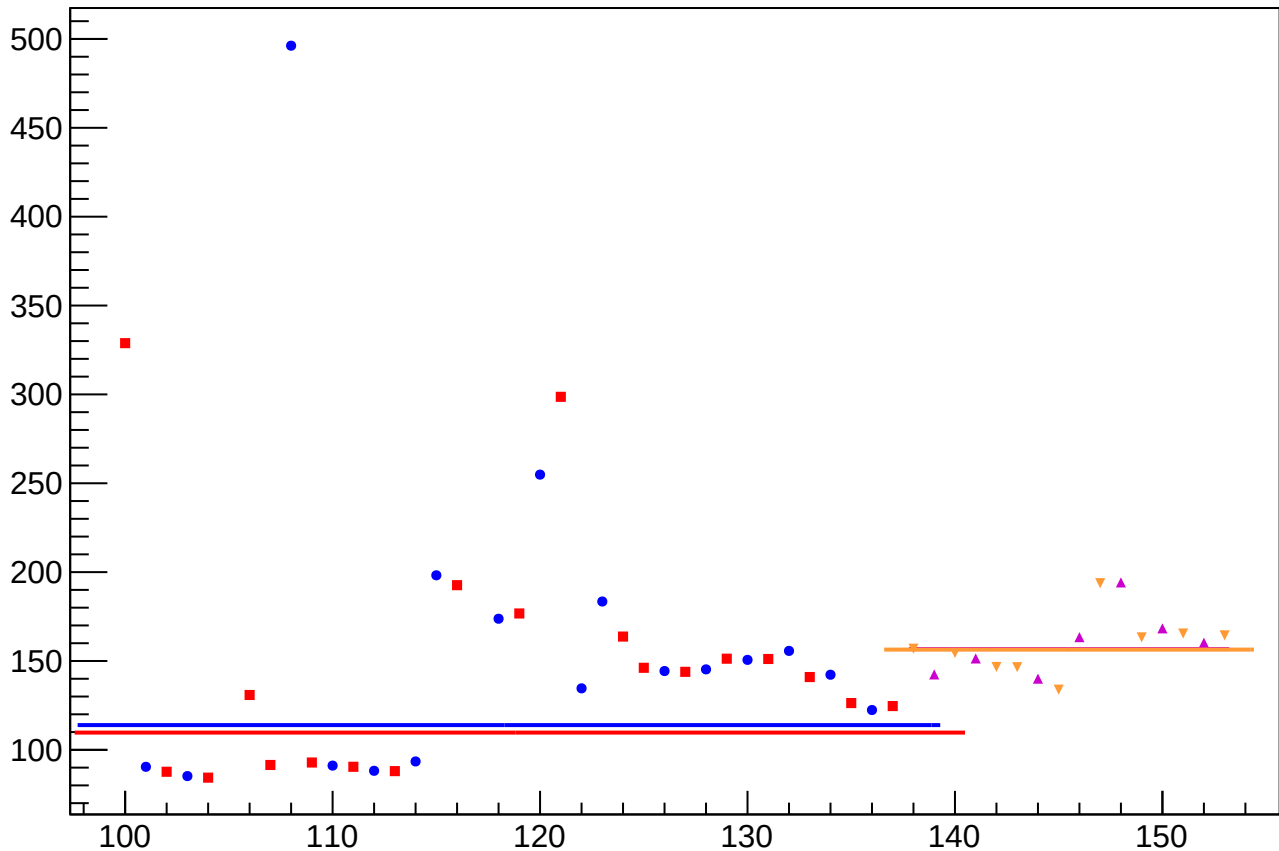
Right: 56.123 $\pm$ 31.678 χ^2/NDF : 29.7/35

In: 72.860 $\pm$ 37.863 χ^2/NDF : 20.6/23

Out: 97.414 $\pm$ 35.397 χ^2/NDF : 26.2/27

All: 85.962 $\pm$ 25.857 χ^2/NDF : 47.0/51

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 156.410 $\pm$ 0.043 χ^2 /NDF:121963.2/8

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

Left In: 156.703 $\pm$ 0.046 χ^2 /NDF:114332.0/6

Left: 156.548 $\pm$ 0.032 χ^2 /NDF: 236316.5/15

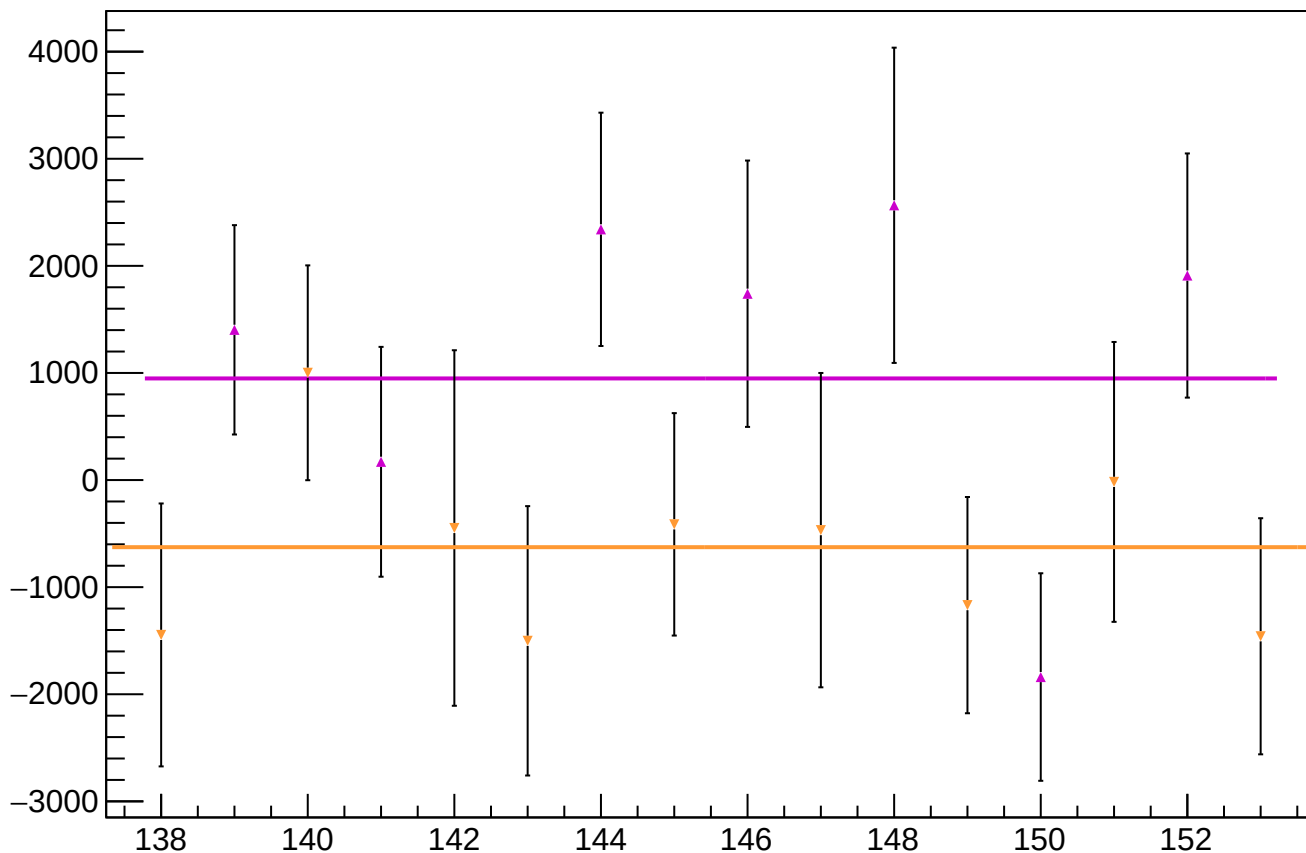
Right: 111.674 $\pm$ 0.022 χ^2 /NDF: 2658703.6/35

In: 128.276 $\pm$ 0.027 χ^2 /NDF:2091059.4/23

Out: 125.227 $\pm$ 0.025 χ^2 /NDF:2136357.2/27

All: 126.649 $\pm$ 0.018 χ^2 /NDF: 4234339.0/51

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -626.779+/-394.223 χ^2/NDF : 4.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 948.738+/-418.801 χ^2/NDF : 13.0/6

Left: 113.396+/-287.054 χ^2/NDF : 25.2/15

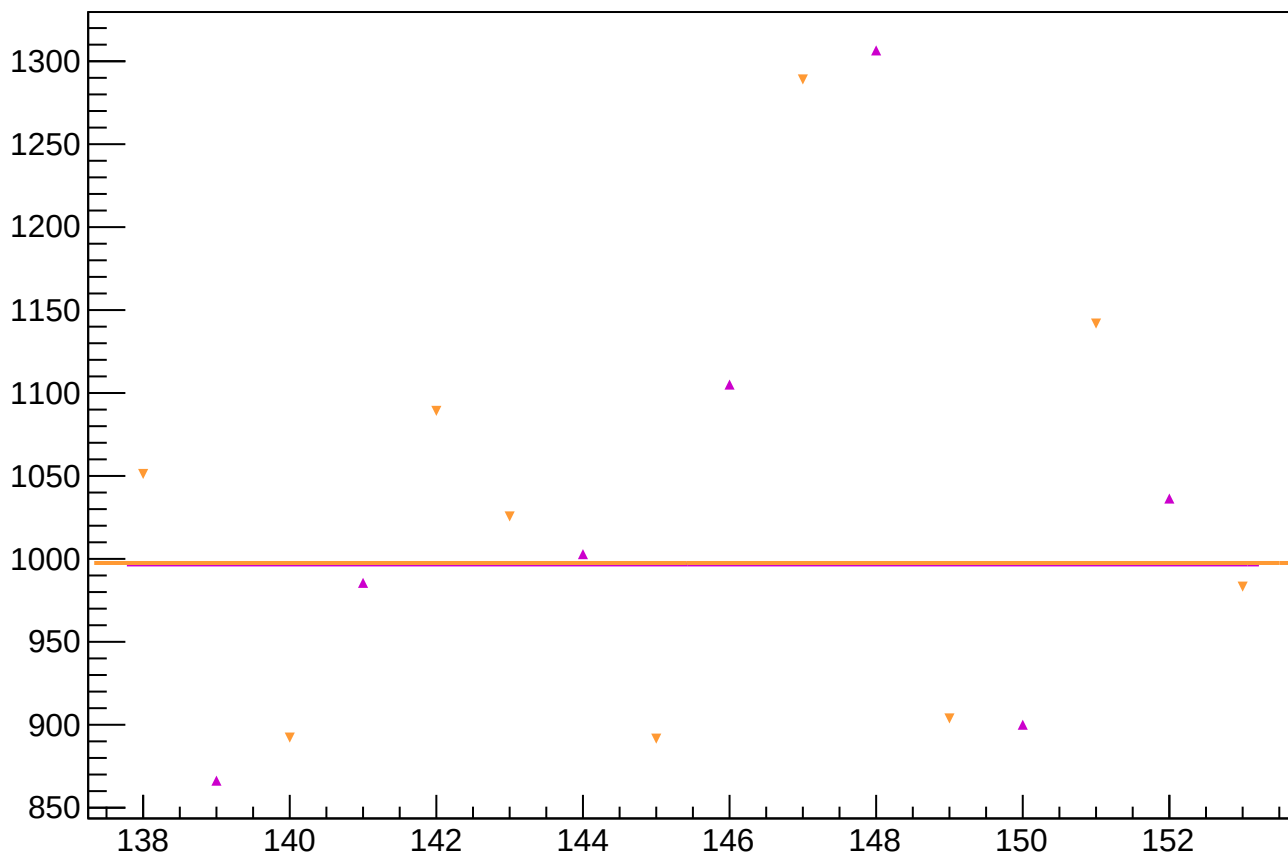
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 948.738+/-418.801 χ^2/NDF : 13.0/6

Out: -626.779+/-394.223 χ^2/NDF : 4.7/8

All: 113.396+/-287.054 χ^2/NDF : 25.2/15

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 997.532+/-0.279 χ^2/NDF :174621.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 996.655+/-0.296 χ^2/NDF :162038.2/6

Left: 997.120+/-0.203 χ^2/NDF : 336663.9/15

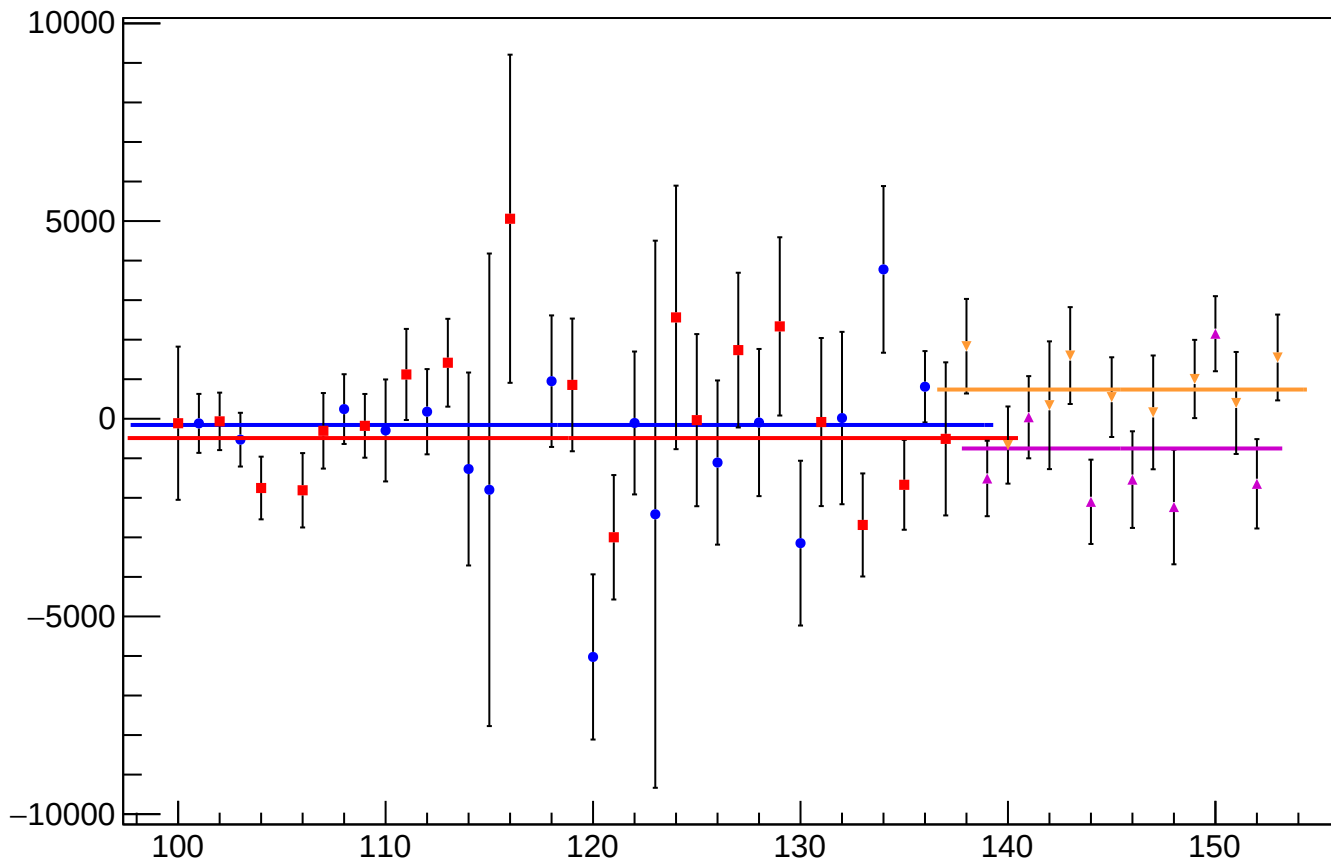
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 996.655+/-0.296 χ^2/NDF :162038.2/6

Out: 997.532+/-0.279 χ^2/NDF :174621.1/8

All: 997.120+/-0.203 χ^2/NDF : 336663.9/15

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178 ± 312.499 $\chi^2/\text{NDF}: 16.2/16$

Left Out: 738.824 ± 385.280 $\chi^2/\text{NDF}: 4.4/8$

Right Out: -488.583 ± 282.758 $\chi^2/\text{NDF}: 22.6/18$

Left In: -751.919 ± 410.272 $\chi^2/\text{NDF}: 14.2/6$

Left: 40.237 ± 280.854 $\chi^2/\text{NDF}: 25.6/15$

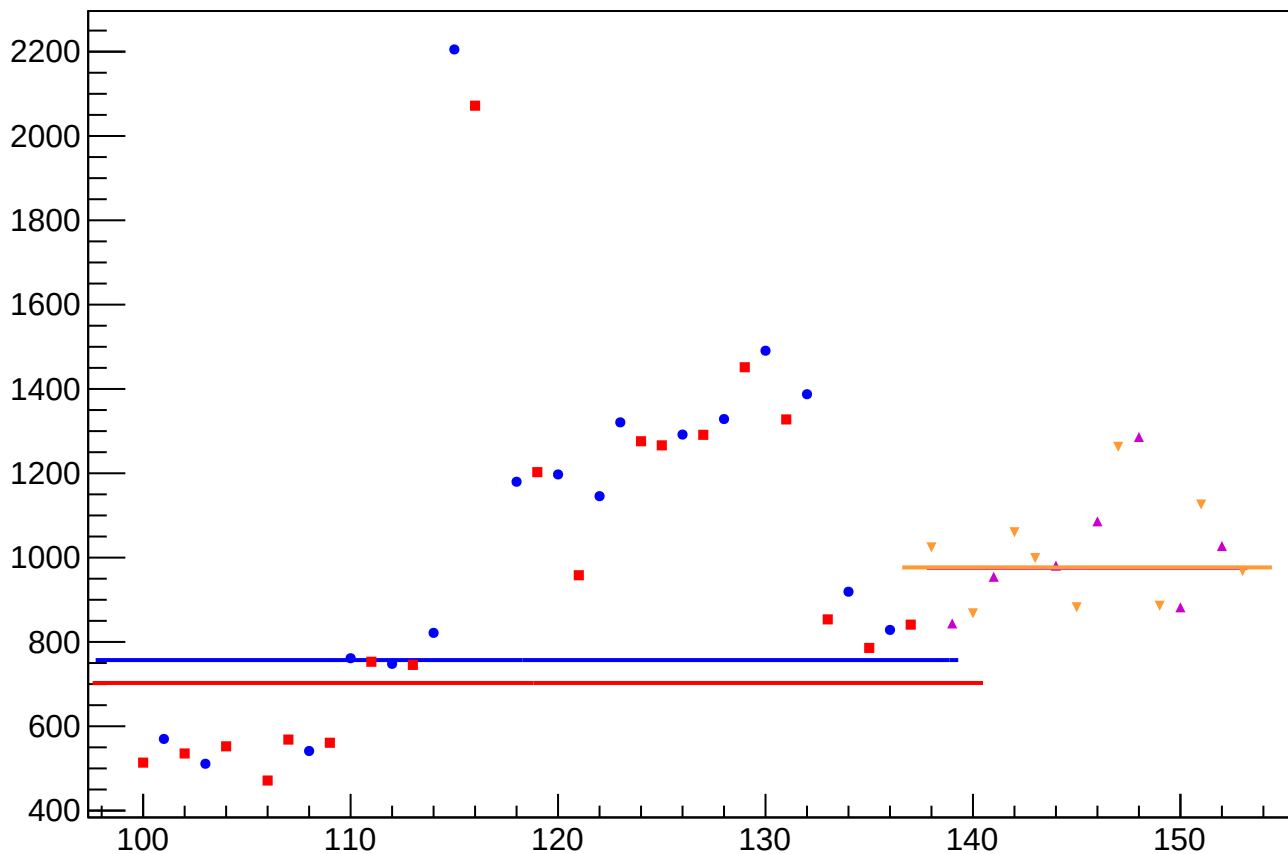
Right: -339.397 ± 209.669 $\chi^2/\text{NDF}: 39.5/35$

In: -375.541 ± 248.598 $\chi^2/\text{NDF}: 31.8/23$

Out: -58.912 ± 227.956 $\chi^2/\text{NDF}: 33.6/27$

All: -203.537 ± 168.014 $\chi^2/\text{NDF}: 66.3/51$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 976.738 $\pm$ 0.272 χ^2 /NDF:174411.5/8

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

Left In: 975.501 $\pm$ 0.290 χ^2 /NDF:170718.7/6

Left: 976.158 $\pm$ 0.199 χ^2 /NDF: 345139.8/15

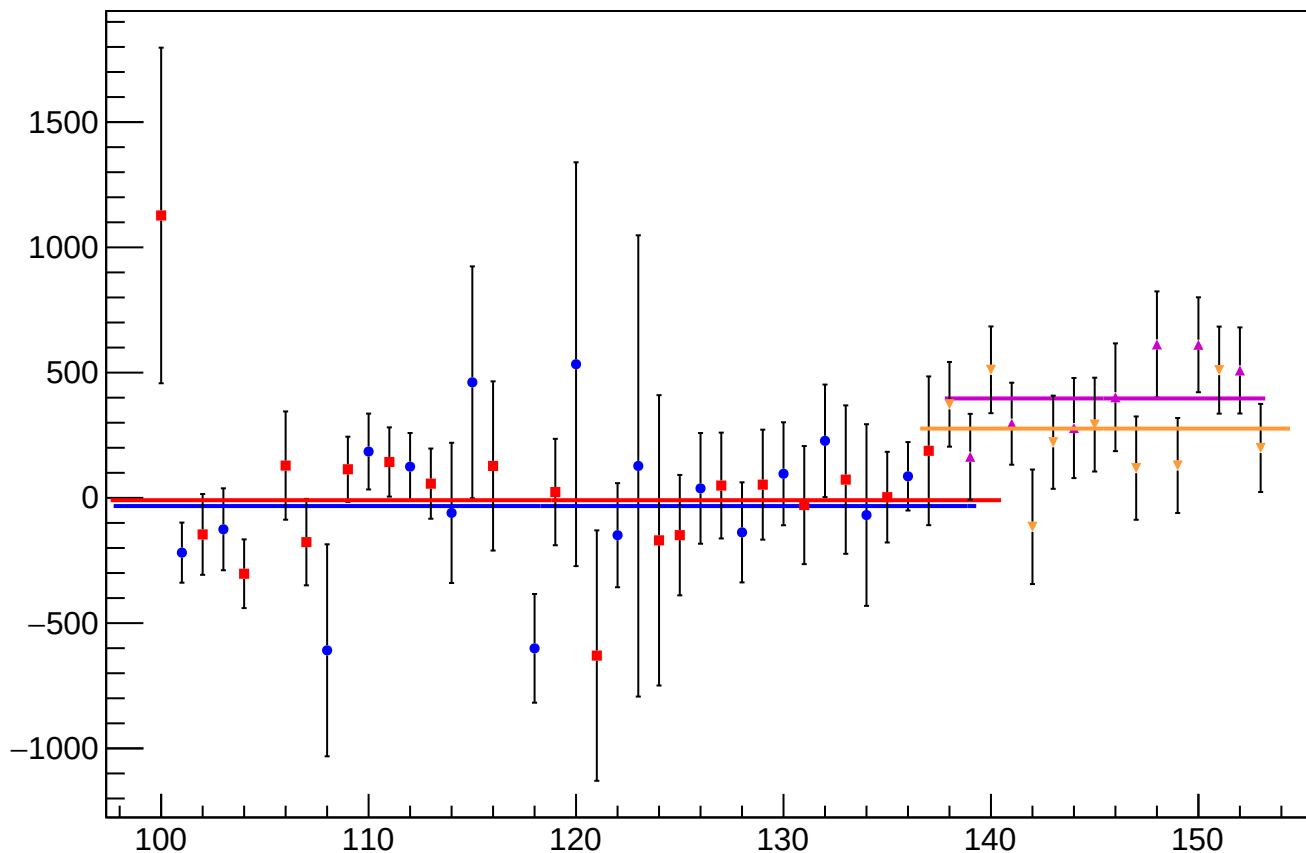
Right: 727.113 $\pm$ 0.148 χ^2 /NDF: 3434103.1/35

In: 837.214 $\pm$ 0.176 χ^2 /NDF:2241048.5/23

Out: 798.602 $\pm$ 0.161 χ^2 /NDF:2521811.3/27

All: 816.239 $\pm$ 0.119 χ^2 /NDF: 4789069.9/51

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 276.634 ± 61.819 χ^2/NDF : 8.4/8

Right Out: -9.277 ± 45.600 χ^2/NDF : 14.7/18

Left In: 396.881 ± 70.334 χ^2/NDF : 5.3/6

Left: 329.042 ± 46.433 χ^2/NDF : 15.4/15

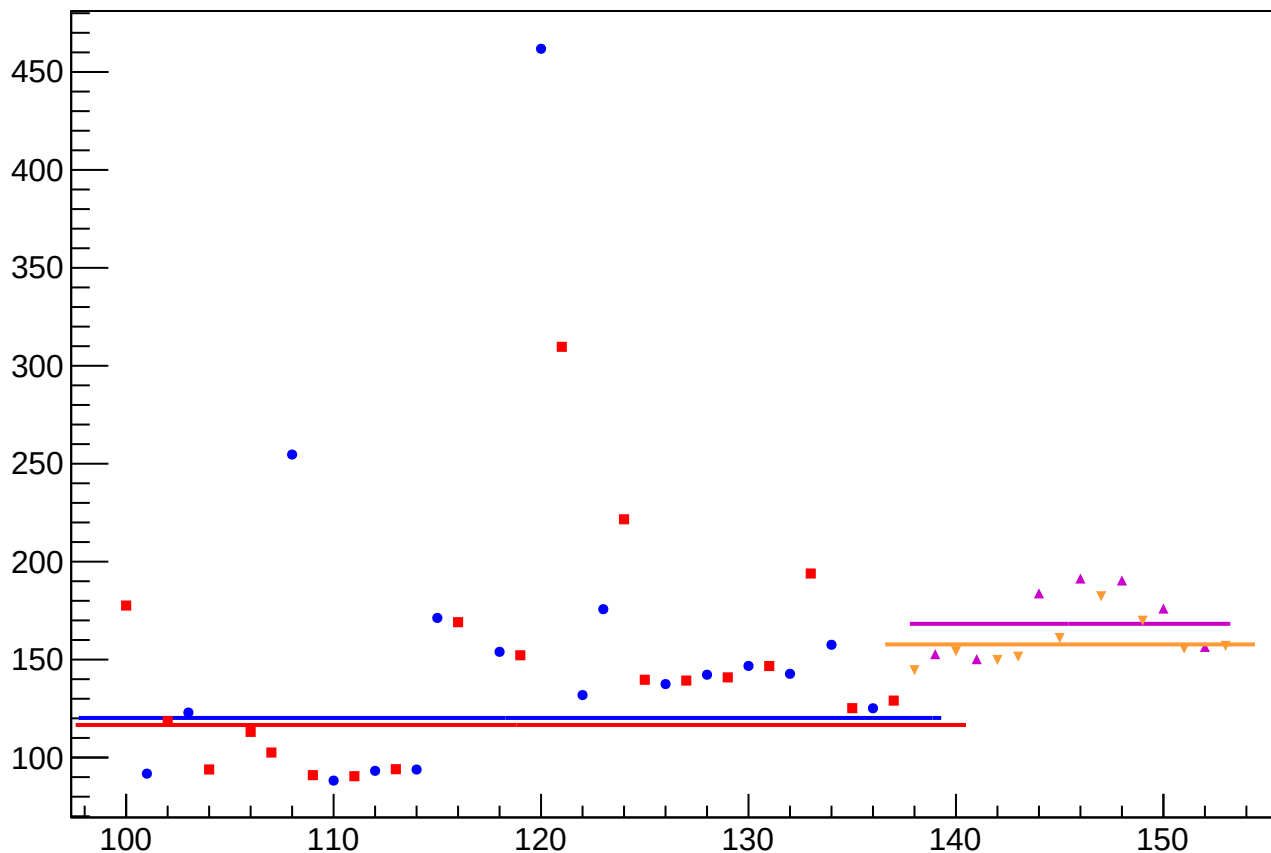
Right: -20.281 ± 33.200 χ^2/NDF : 34.6/35

In: 105.478 ± 39.889 χ^2/NDF : 50.4/23

Out: 91.471 ± 36.696 χ^2/NDF : 36.9/27

All: 97.891 ± 27.006 χ^2/NDF : 87.4/51

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 157.749 $\pm$ 0.044 χ^2 /NDF: 55189.4/8

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

Left In: 168.257 $\pm$ 0.050 χ^2 /NDF: 110618.8/6

Left: 162.329 $\pm$ 0.033 χ^2 /NDF: 190989.8/15

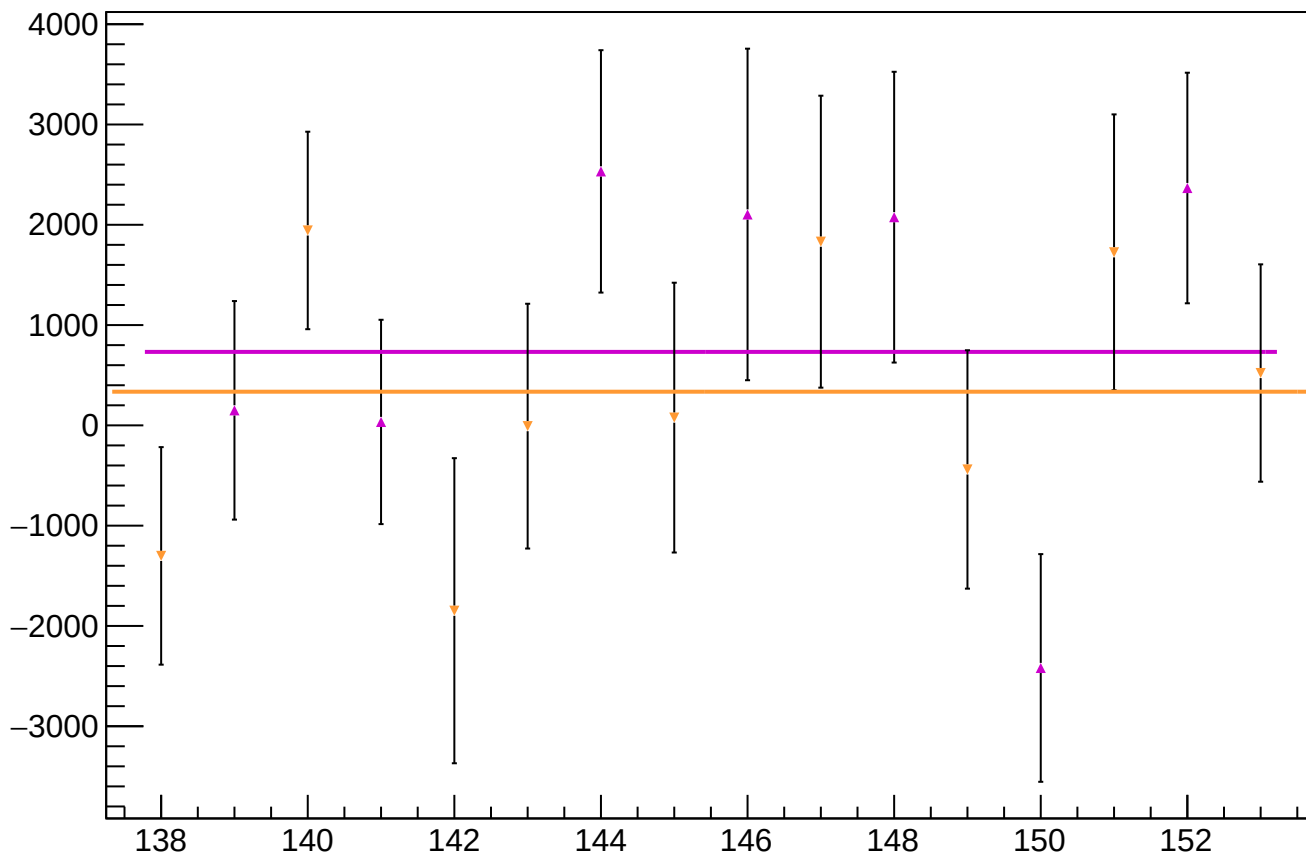
Right: 118.304 $\pm$ 0.023 χ^2 /NDF: 2066104.2/35

In: 135.662 $\pm$ 0.028 χ^2 /NDF: 1806152.4/23

Out: 131.112 $\pm$ 0.026 χ^2 /NDF: 1626549.4/27

All: 133.197 $\pm$ 0.019 χ^2 /NDF: 3446796.7/51

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 335.674+/-404.955 χ^2/NDF : 9.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 732.583+/-453.348 χ^2/NDF : 14.2/6

Left: 511.821+/-302.012 χ^2/NDF : 24.3/15

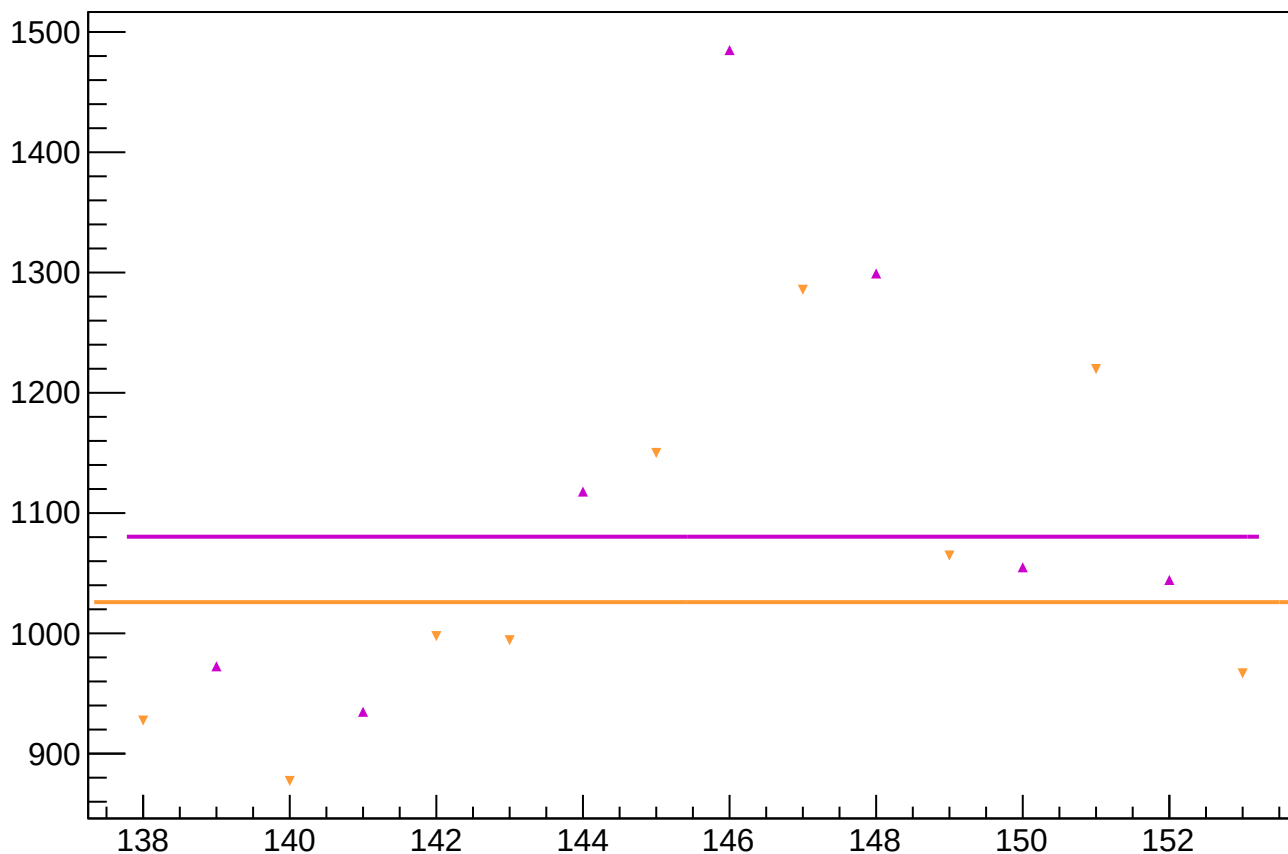
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 732.583+/-453.348 χ^2/NDF : 14.2/6

Out: 335.674+/-404.955 χ^2/NDF : 9.7/8

All: 511.821+/-302.012 χ^2/NDF : 24.3/15

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1025.966+/-0.286 χ^2/NDF :192630.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1080.357+/-0.321 χ^2/NDF :230696.4/6

Left: 1050.105+/-0.214 χ^2/NDF : 439338.8/15

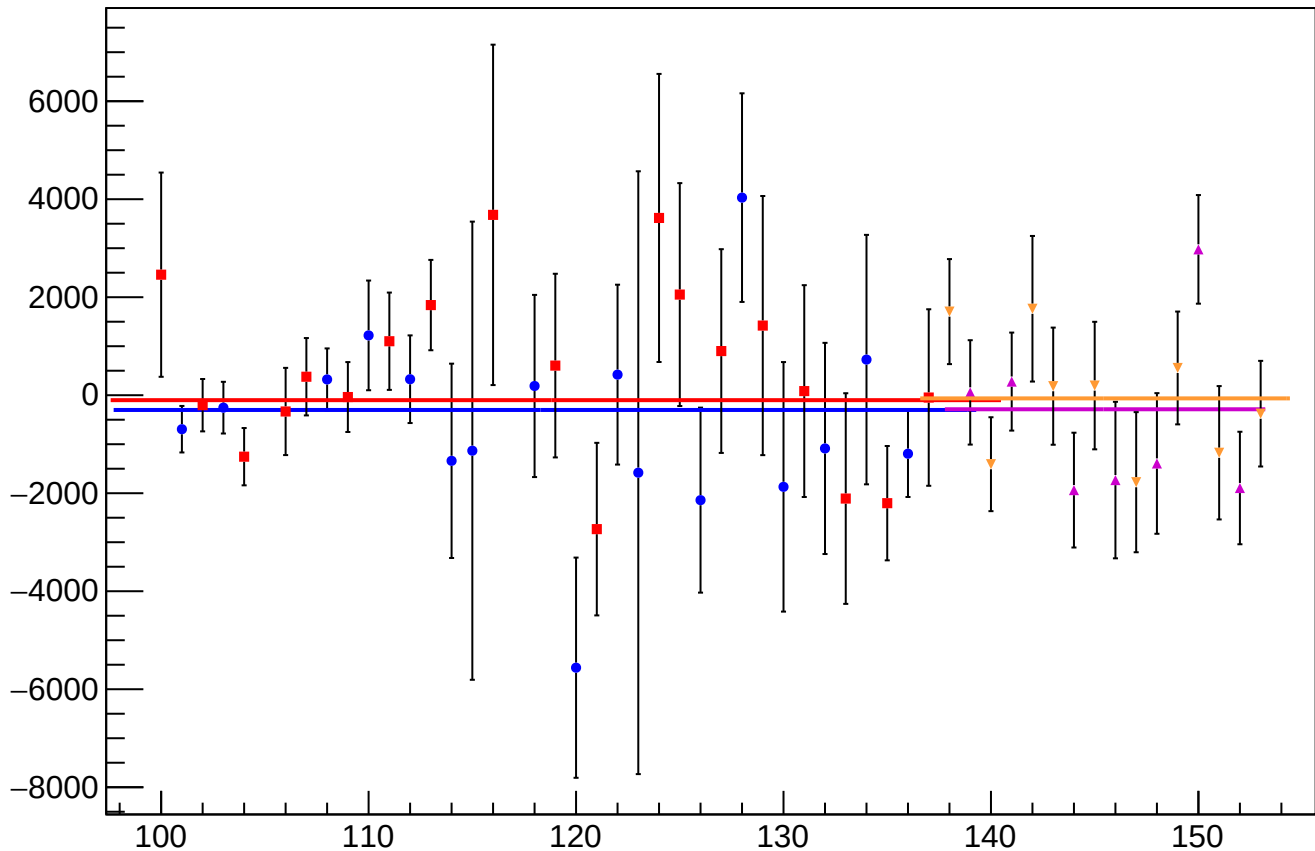
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1080.357+/-0.321 χ^2/NDF :230696.4/6

Out: 1025.966+/-0.286 χ^2/NDF :192630.2/8

All: 1050.105+/-0.214 χ^2/NDF : 439338.8/15

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: -64.645 ± 396.913 χ^2/NDF : 8.8/8

Right Out: -100.857 ± 245.981 χ^2/NDF : 22.5/18

Left In: -286.851 ± 444.544 χ^2/NDF : 14.4/6

Left: -163.210 ± 296.073 χ^2/NDF : 23.4/15

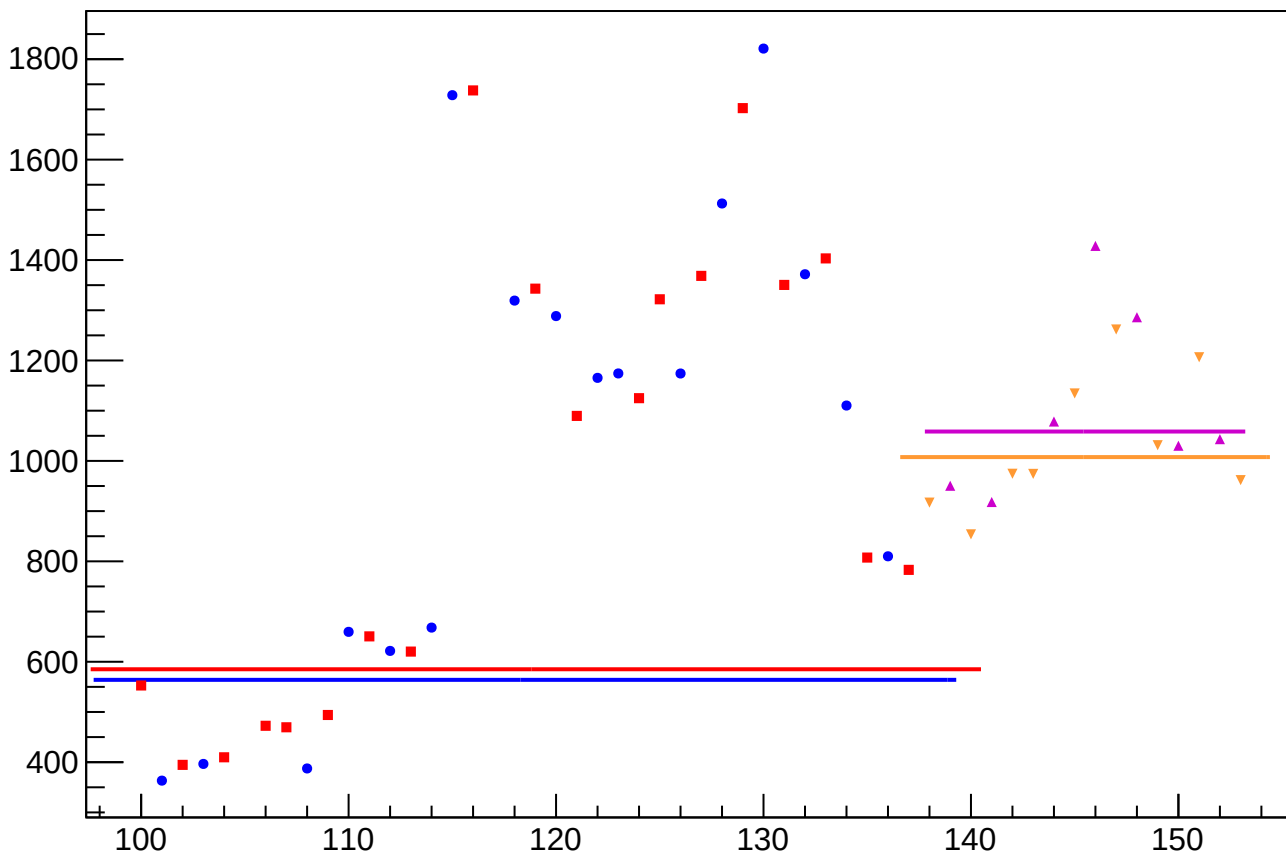
Right: -199.290 ± 175.353 χ^2/NDF : 39.7/35

In: -297.599 ± 217.934 χ^2/NDF : 31.3/23

Out: -90.809 ± 209.085 χ^2/NDF : 31.3/27

All: -189.921 ± 150.877 χ^2/NDF : 63.1/51

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1007.595 $\pm$ 0.281 χ^2 /NDF:197776.5/8

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

Left In: 1058.492 $\pm$ 0.314 χ^2 /NDF:219629.6/6

Left: 1030.172 $\pm$ 0.209 χ^2 /NDF: 431993.7/15

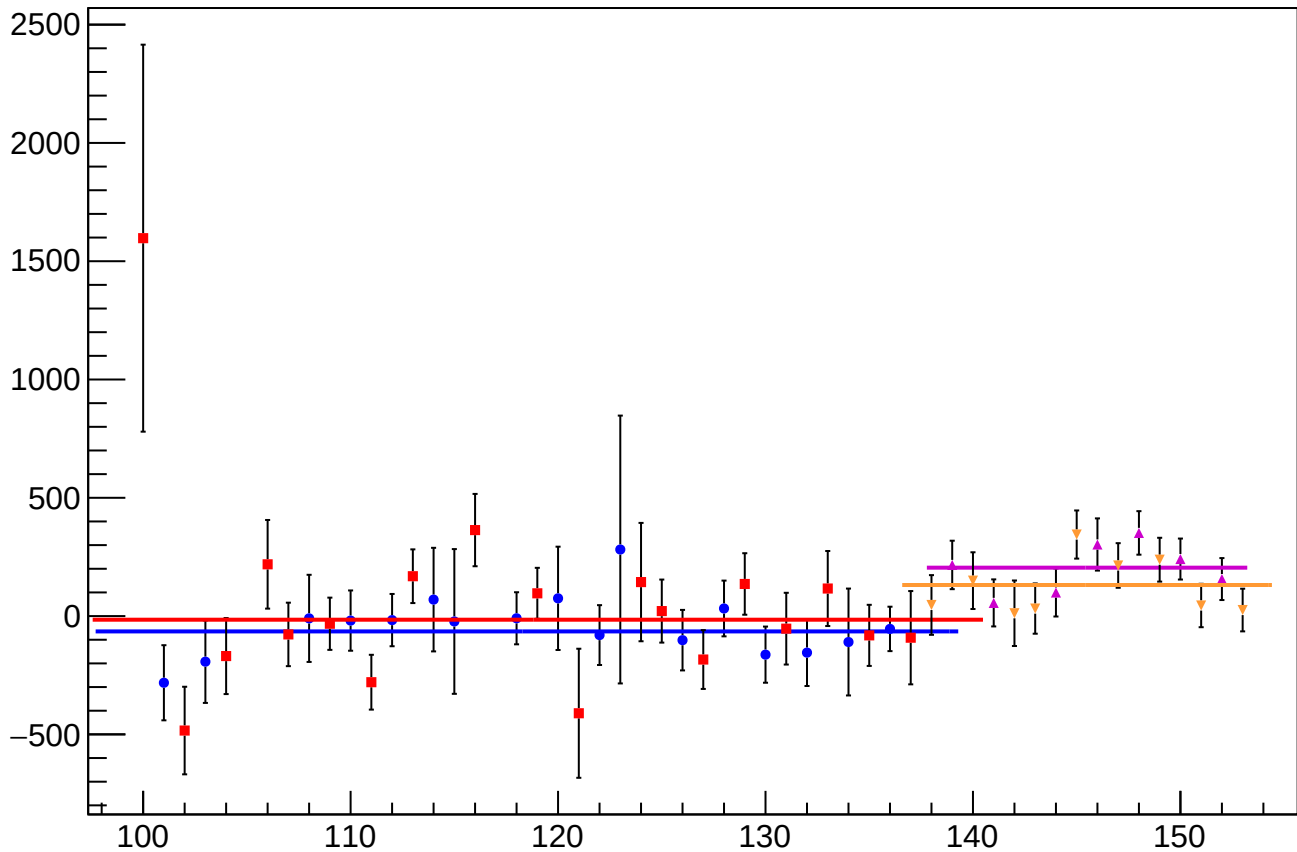
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 682.847 $\pm$ 0.154 χ^2 /NDF:5361018.8/23

Out: 702.318 $\pm$ 0.148 χ^2 /NDF:4656137.4/27

All: 692.986 $\pm$ 0.107 χ^2 /NDF: 10025469.3/51

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 131.379 ± 34.497 χ^2/NDF : 10.9/8

Right Out: -15.294 ± 33.422 χ^2/NDF : 35.0/18

Left In: 204.641 ± 36.404 χ^2/NDF : 7.1/6

Left: 166.041 ± 25.040 χ^2/NDF : 20.1/15

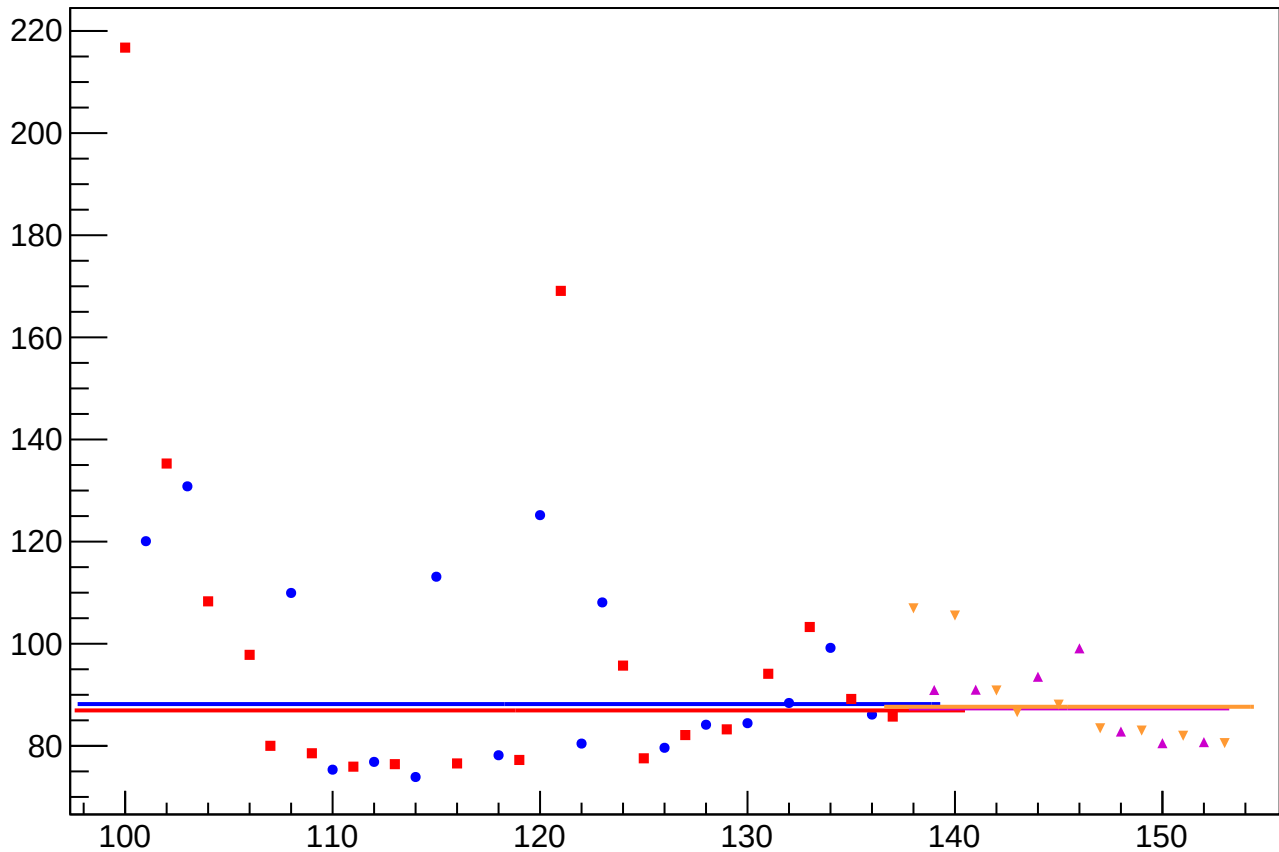
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: 63.195 ± 25.091 χ^2/NDF : 42.1/23

Out: 55.722 ± 24.004 χ^2/NDF : 55.2/27

All: 59.293 ± 17.345 χ^2/NDF : 97.3/51

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2 /NDF: 394447.7/16

Left Out: 87.658 $\pm$ 0.024 χ^2 /NDF: 121575.0/8

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

Left In: 87.339 $\pm$ 0.026 χ^2 /NDF: 63720.2/6

Left: 87.507 $\pm$ 0.018 χ^2 /NDF: 185376.3/15

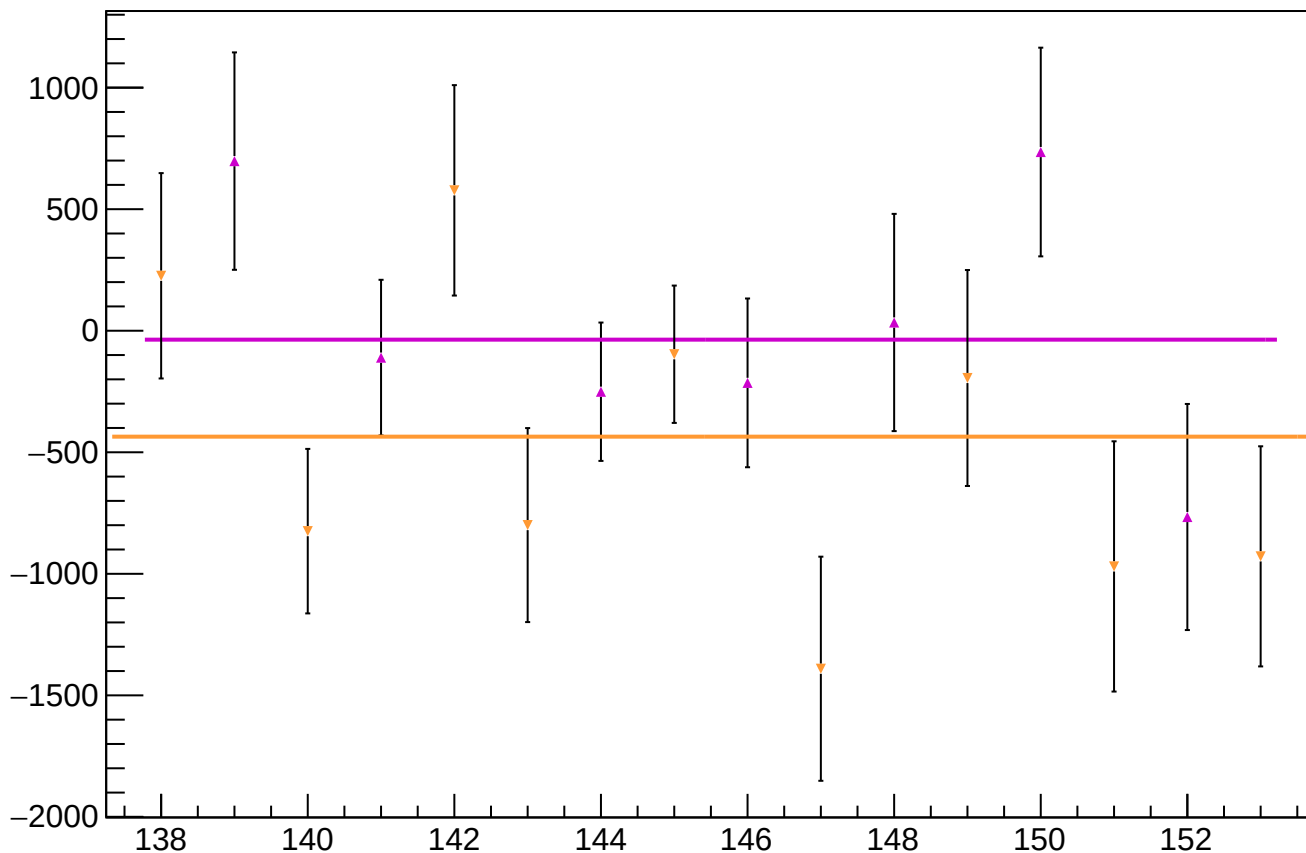
Right: 87.542 $\pm$ 0.017 χ^2 /NDF: 927142.1/35

In: 87.783 $\pm$ 0.018 χ^2 /NDF: 458737.0/23

Out: 87.289 $\pm$ 0.017 χ^2 /NDF: 653378.2/27

All: 87.525 $\pm$ 0.012 χ^2 /NDF: 1112520.6/51

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -435.754+/-132.557 χ^2/NDF :18.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.693+/-140.774 χ^2/NDF :9.3/6

Left: -248.210+/-96.506 χ^2/NDF : 31.9/15

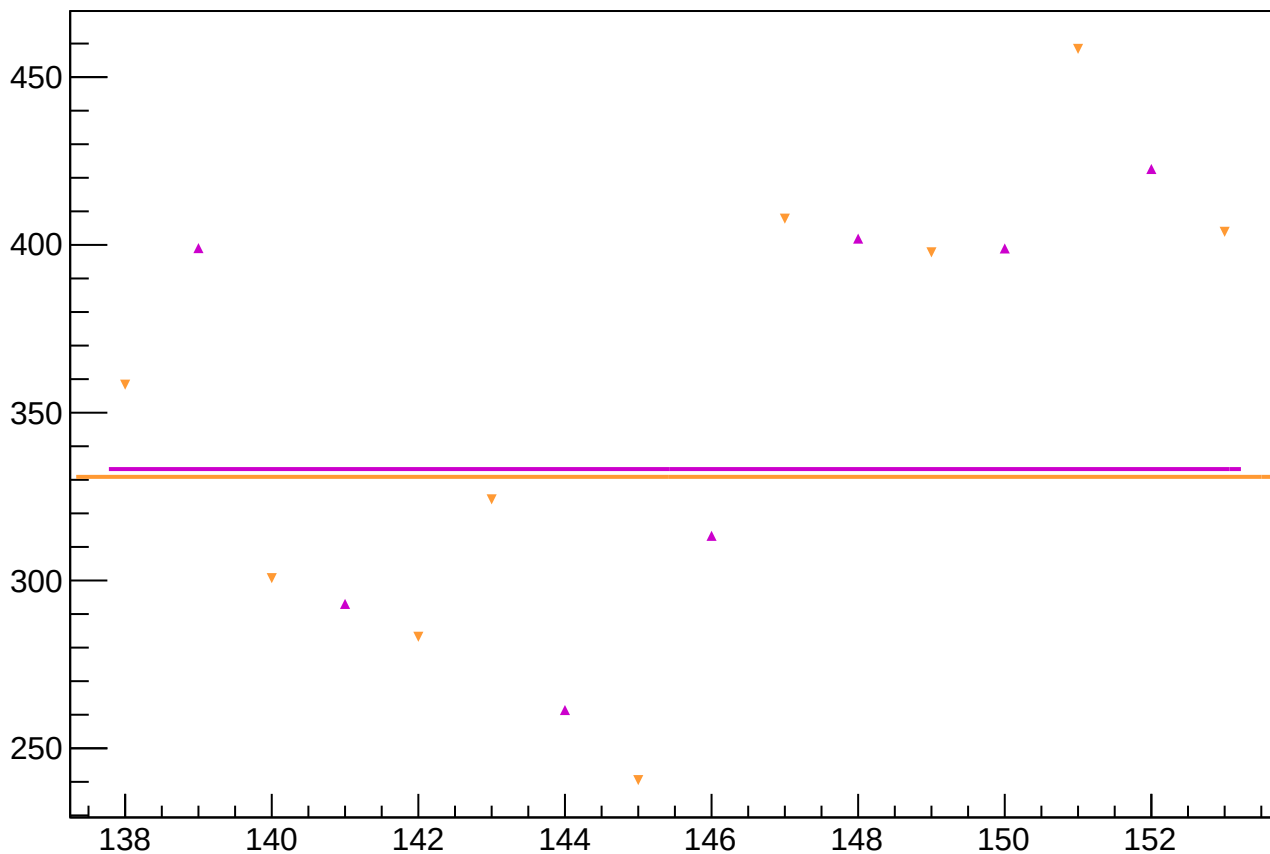
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.693+/-140.774 χ^2/NDF :9.3/6

Out: -435.754+/-132.557 χ^2/NDF :18.4/8

All: -248.210+/-96.506 χ^2/NDF : 31.9/15

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.882+/-0.094 χ^2/NDF :529681.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 333.204+/-0.100 χ^2/NDF :376835.7/6

Left: 331.973+/-0.068 χ^2/NDF : 906805.5/15

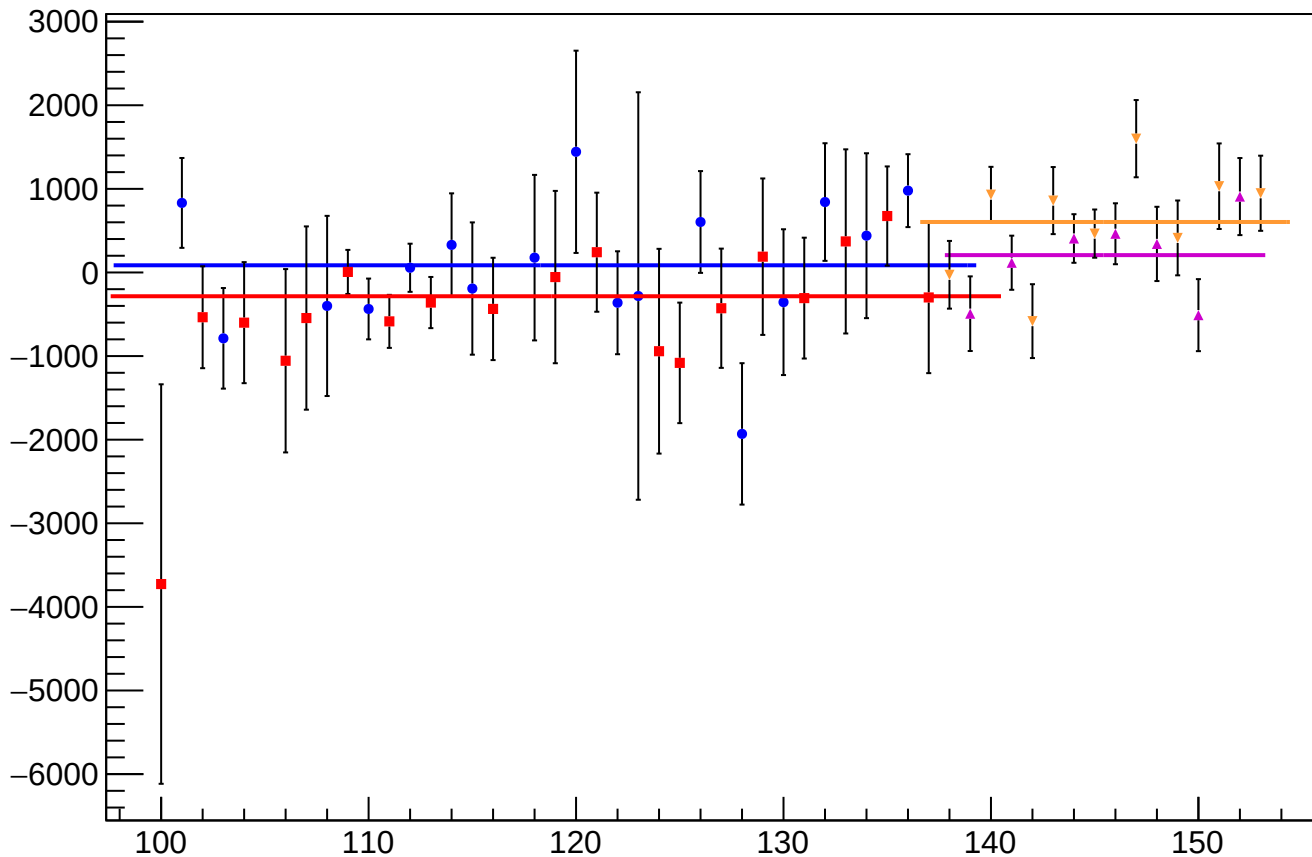
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 333.204+/-0.100 χ^2/NDF :376835.7/6

Out: 330.882+/-0.094 χ^2/NDF :529681.4/8

All: 331.973+/-0.068 χ^2/NDF : 906805.5/15

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF : 20.6/16

Left Out: 603.791+/-132.514 χ^2/NDF : 17.4/8

Right Out: -284.456+/-129.599 χ^2/NDF : 10.6/18

Left In: 207.429+/-142.714 χ^2/NDF : 8.7/6

Left: 420.280+/-97.107 χ^2/NDF : 30.2/15

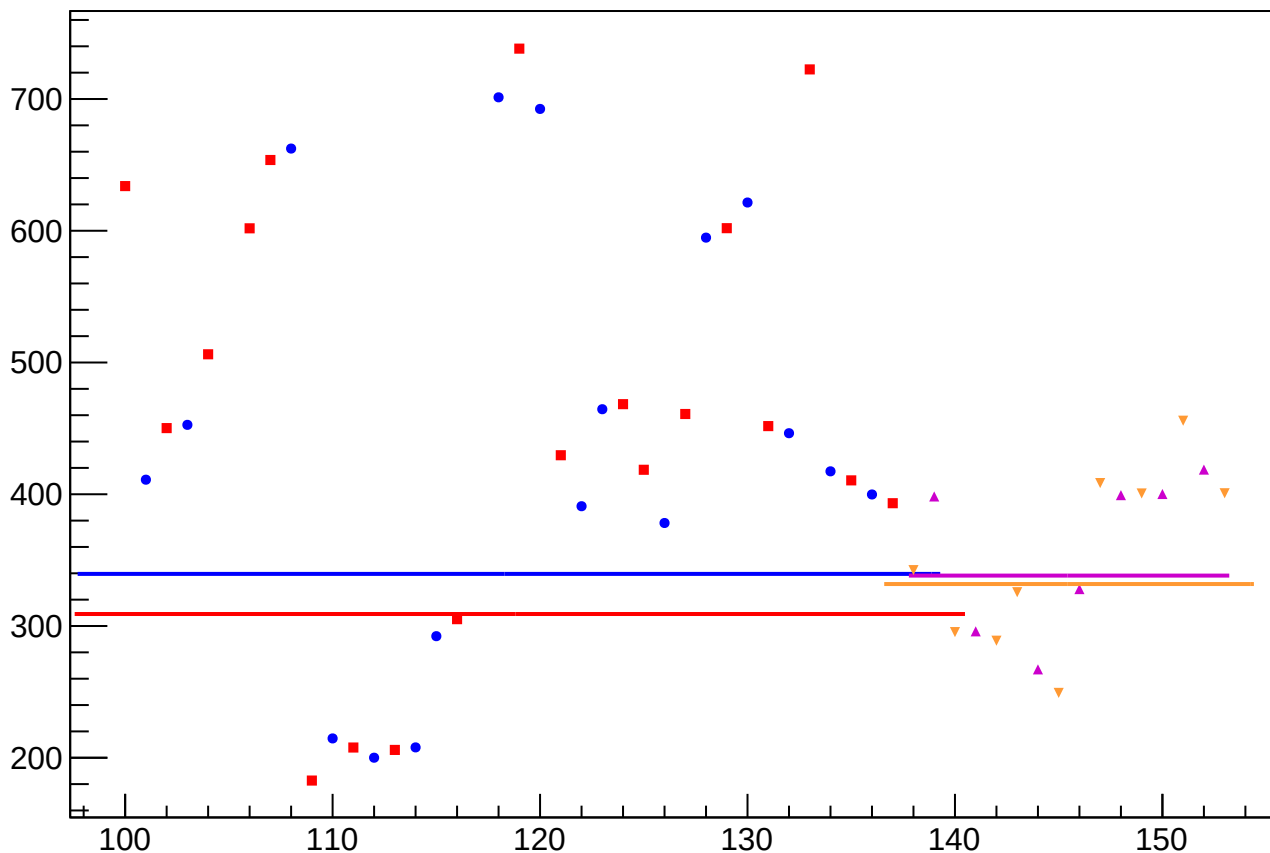
Right: -116.969+/-95.908 χ^2/NDF : 34.9/35

In: 146.571+/-100.874 χ^2/NDF : 29.6/23

Out: 149.792+/-92.654 χ^2/NDF : 50.9/27

All: 148.318+/-68.237 χ^2/NDF : 80.5/51

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 $\pm$ 0.101 χ^2/NDF : 2042244.1/16

Left Out: 331.852 $\pm$ 0.094 χ^2/NDF :475808.6/8

Right Out: 309.105 $\pm$ 0.092 χ^2/NDF : 2730308.7/18

Left In: 338.264 $\pm$ 0.101 χ^2/NDF :332002.7/6

Left: 334.821 $\pm$ 0.069 χ^2/NDF : 809979.1/15

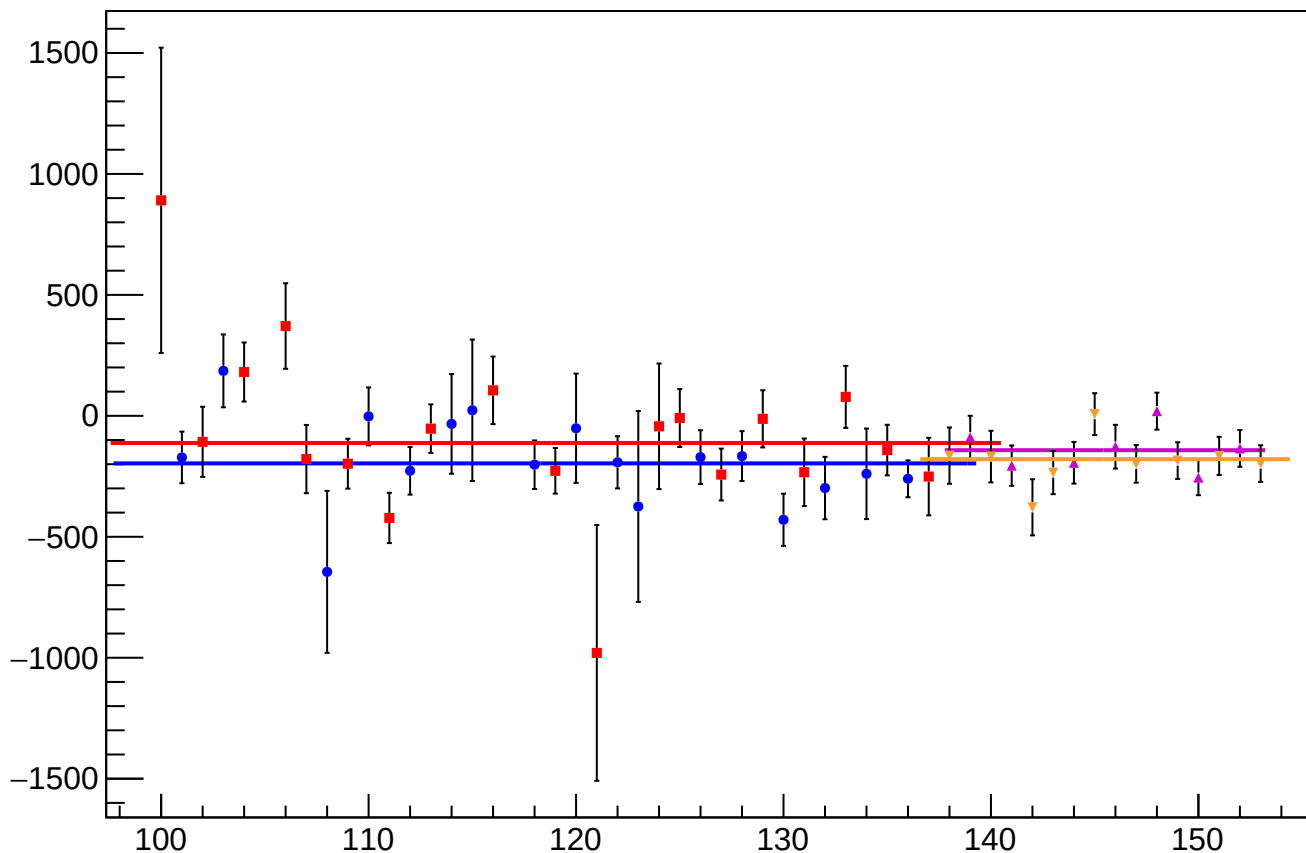
Right: 322.878 $\pm$ 0.068 χ^2/NDF : 4822487.1/35

In: 338.909 $\pm$ 0.071 χ^2/NDF :2374328.4/23

Out: 320.226 $\pm$ 0.066 χ^2/NDF :3236240.0/27

All: 328.775 $\pm$ 0.048 χ^2/NDF : 5647780.5/51

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -179.264 ± 29.233 χ^2/NDF : 8.1/8

Right Out: -112.097 ± 29.622 χ^2/NDF : 39.3/18

Left In: -142.149 ± 30.676 χ^2/NDF : 8.2/6

Left: -161.601 ± 21.162 χ^2/NDF : 17.1/15

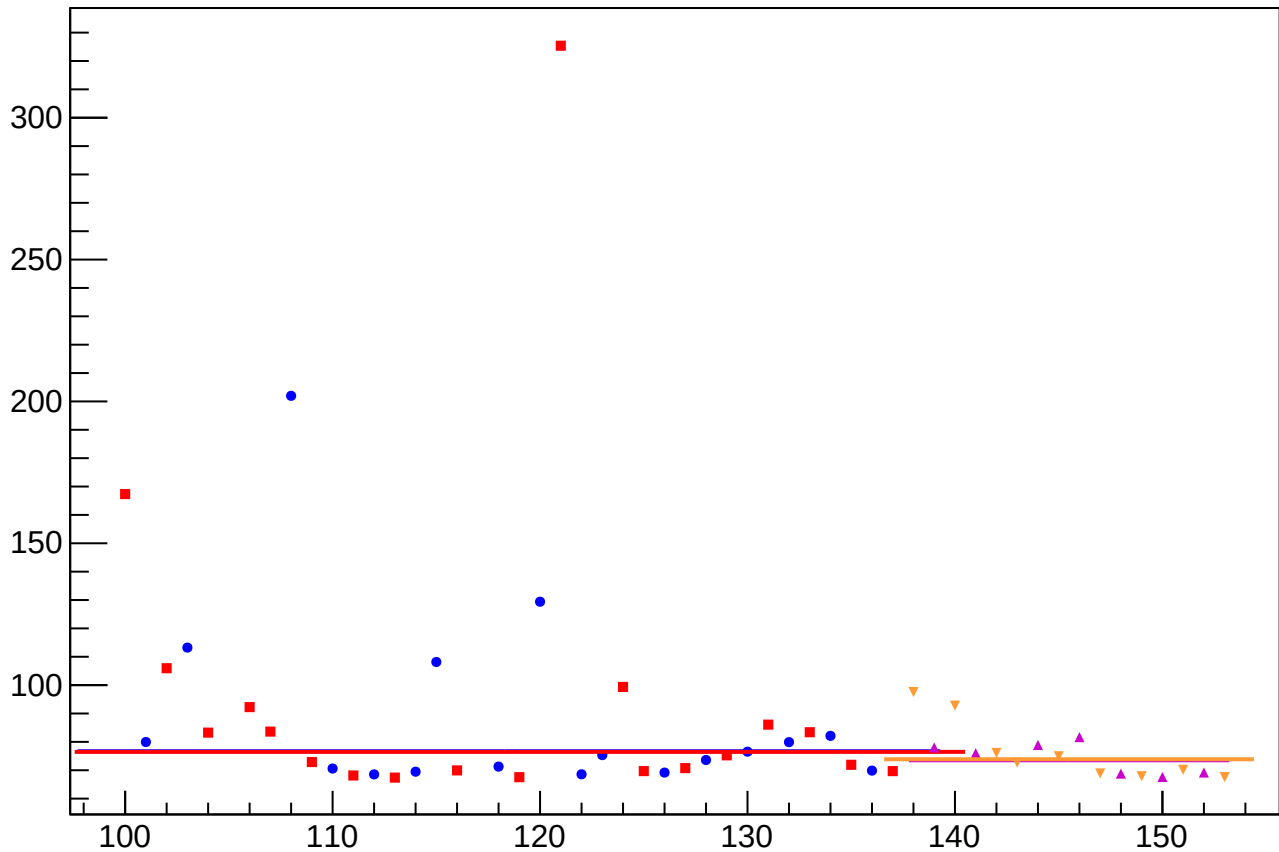
Right: -153.254 ± 21.215 χ^2/NDF : 62.3/35

In: -169.621 ± 21.593 χ^2/NDF : 28.9/23

Out: -146.125 ± 20.807 χ^2/NDF : 50.1/27

All: -157.438 ± 14.983 χ^2/NDF : 79.5/51

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 73.872 $\pm$ 0.021 χ^2 /NDF:186410.1/8

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

Left In: 73.514 $\pm$ 0.022 χ^2 /NDF:58314.3/6

Left: 73.702 $\pm$ 0.015 χ^2 /NDF: 244866.9/15

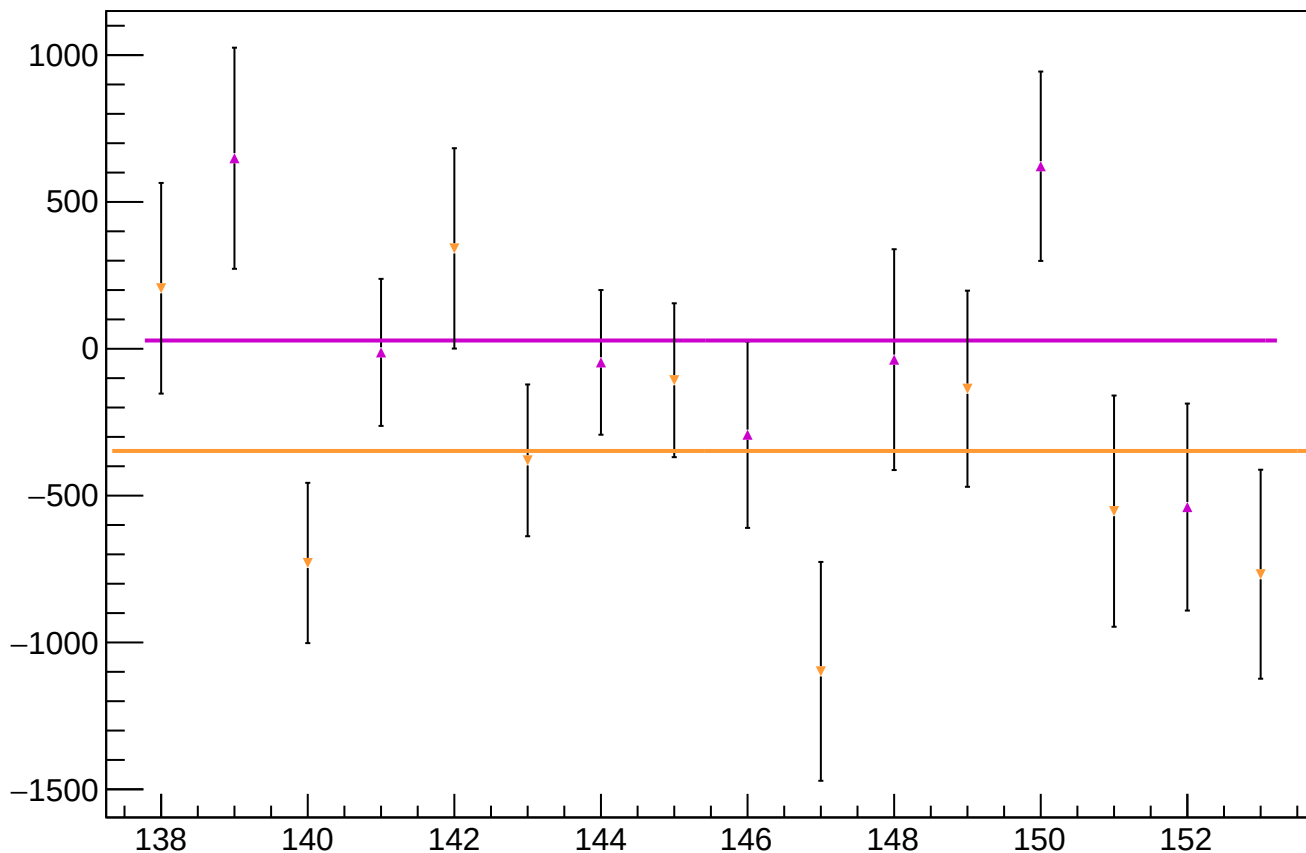
Right: 76.583 $\pm$ 0.015 χ^2 /NDF: 1299760.4/35

In: 75.118 $\pm$ 0.015 χ^2 /NDF:669491.9/23

Out: 75.158 $\pm$ 0.015 χ^2 /NDF:893620.0/27

All: 75.139 $\pm$ 0.011 χ^2 /NDF: 1563115.6/51

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -347.892+/-105.490 χ^2/NDF :15.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 28.219+/-116.118 χ^2/NDF :9.9/6

Left: -177.833+/-78.080 χ^2/NDF : 31.0/15

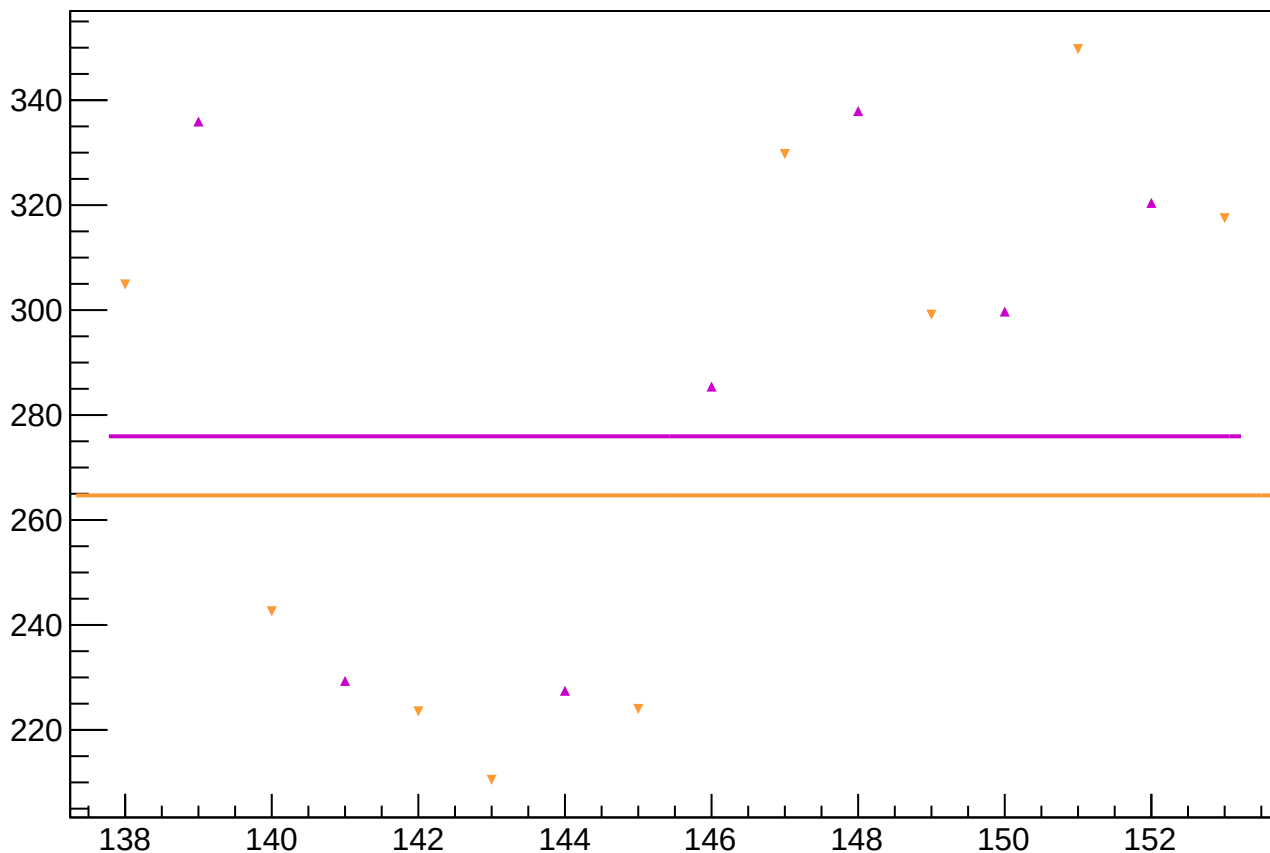
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.219+/-116.118 χ^2/NDF :9.9/6

Out: -347.892+/-105.490 χ^2/NDF :15.4/8

All: -177.833+/-78.080 χ^2/NDF : 31.0/15

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 264.694+/-0.075 χ^2/NDF :423170.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.948+/-0.082 χ^2/NDF :296464.3/6

Left: 269.782+/-0.055 χ^2/NDF : 729927.4/15

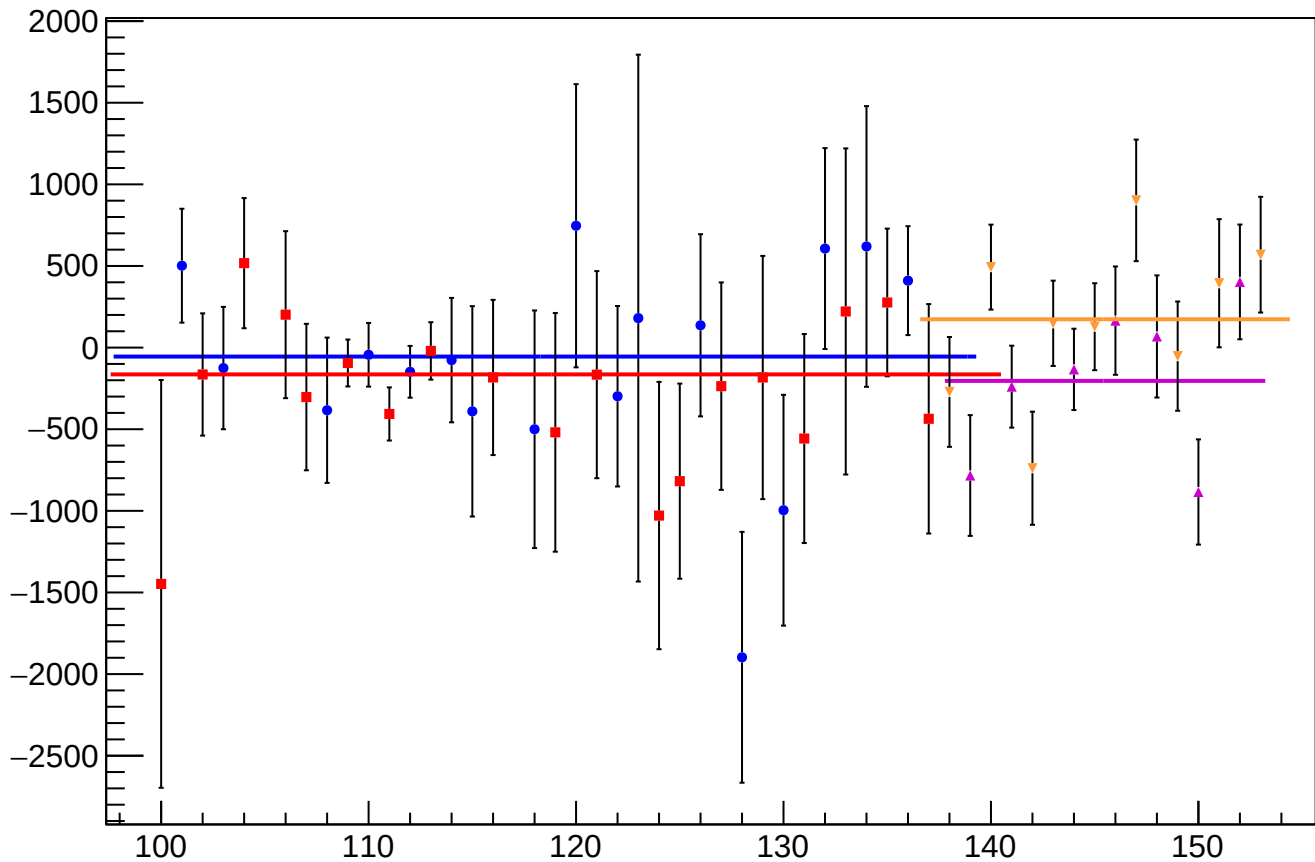
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.948+/-0.082 χ^2/NDF :296464.3/6

Out: 264.694+/-0.075 χ^2/NDF :423170.5/8

All: 269.782+/-0.055 χ^2/NDF : 729927.4/15

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 173.567 ± 104.671 $\chi^2/\text{NDF}: 16.1/8$

Right Out: -164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

Left In: -204.051 ± 116.843 $\chi^2/\text{NDF}: 11.8/6$

Left: 5.445 ± 77.963 $\chi^2/\text{NDF}: 33.6/15$

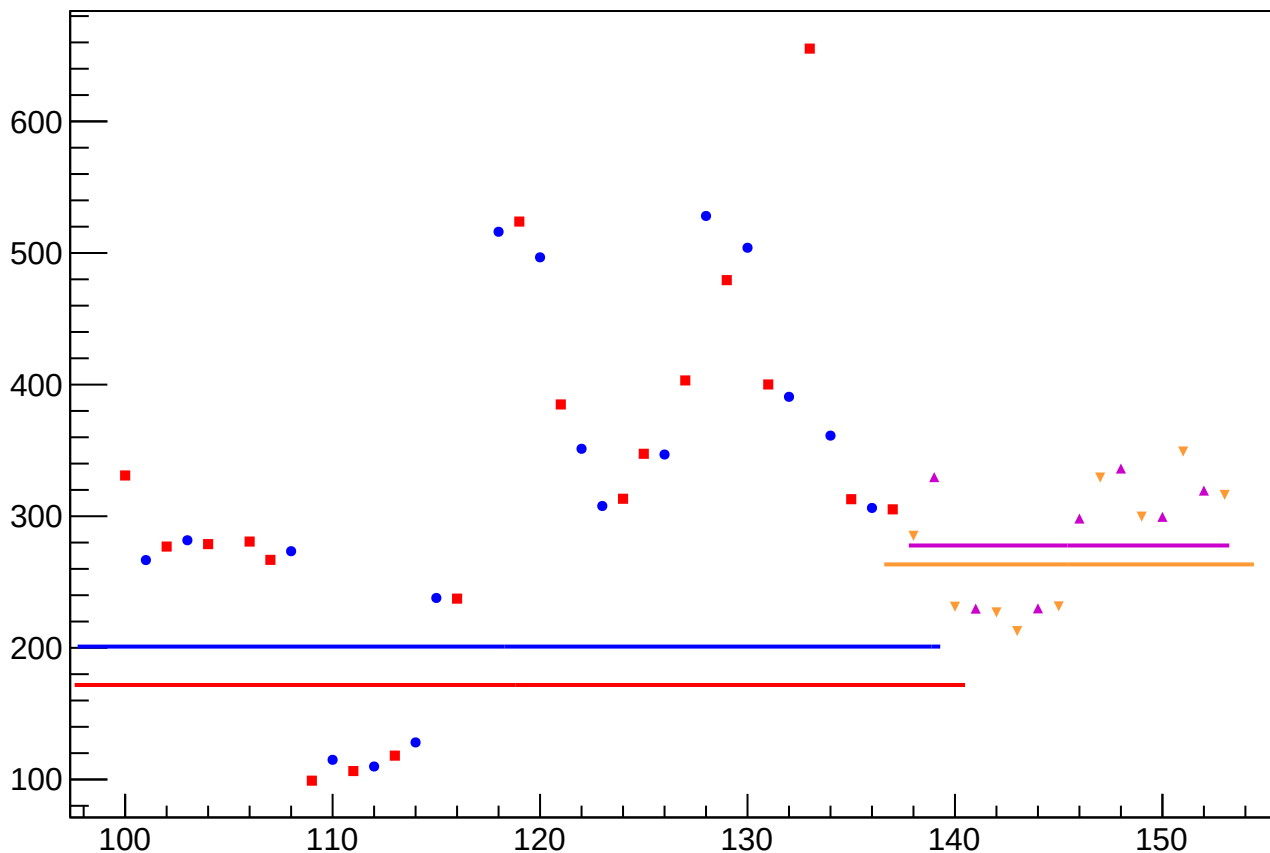
Right: -118.264 ± 58.563 $\chi^2/\text{NDF}: 29.3/35$

In: -110.735 ± 71.477 $\chi^2/\text{NDF}: 29.3/23$

Out: -45.752 ± 61.974 $\chi^2/\text{NDF}: 34.7/27$

All: -73.640 ± 46.824 $\chi^2/\text{NDF}: 64.5/51$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 263.391+/-0.074 χ^2/NDF :391032.1/8

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

Left In: 277.775+/-0.083 χ^2/NDF :279776.2/6

Left: 269.795+/-0.055 χ^2/NDF : 687623.6/15

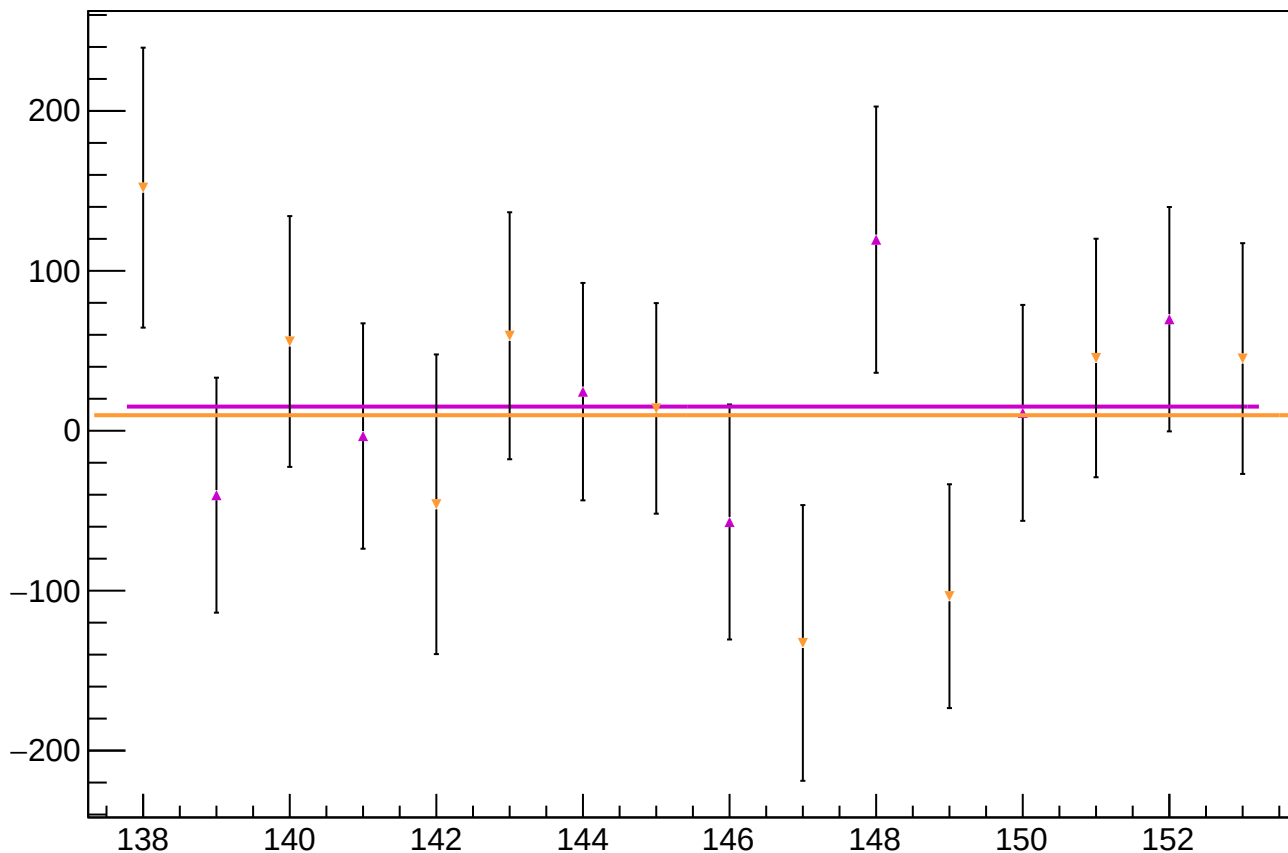
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 229.712+/-0.051 χ^2/NDF :4256710.4/23

Out: 203.905+/-0.044 χ^2/NDF :5478331.4/27

All: 214.980+/-0.033 χ^2/NDF : 9883880.3/51

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 9.725 $\pm$ 25.683 χ^2 /NDF:9.6/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.109 $\pm$ 27.166 χ^2 /NDF:3.8/6

Left: 12.266 $\pm$ 18.663 χ^2 /NDF: 13.4/15

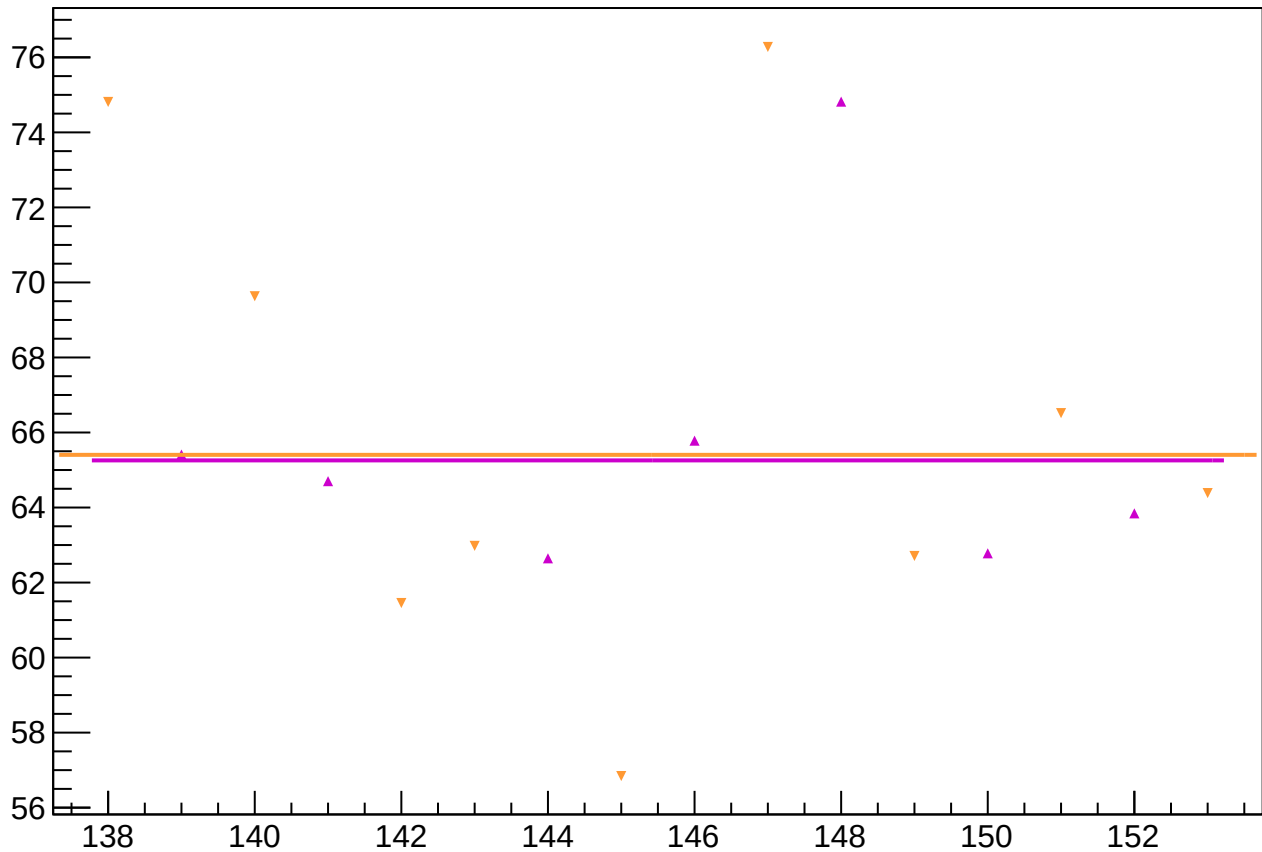
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.109 $\pm$ 27.166 χ^2 /NDF:3.8/6

Out: 9.725 $\pm$ 25.683 χ^2 /NDF:9.6/8

All: 12.266 $\pm$ 18.663 χ^2 /NDF: 13.4/15

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 65.404+/-0.018 χ^2/NDF :103886.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.256+/-0.019 χ^2/NDF :33076.1/6

Left: 65.335+/-0.013 χ^2/NDF : 136993.7/15

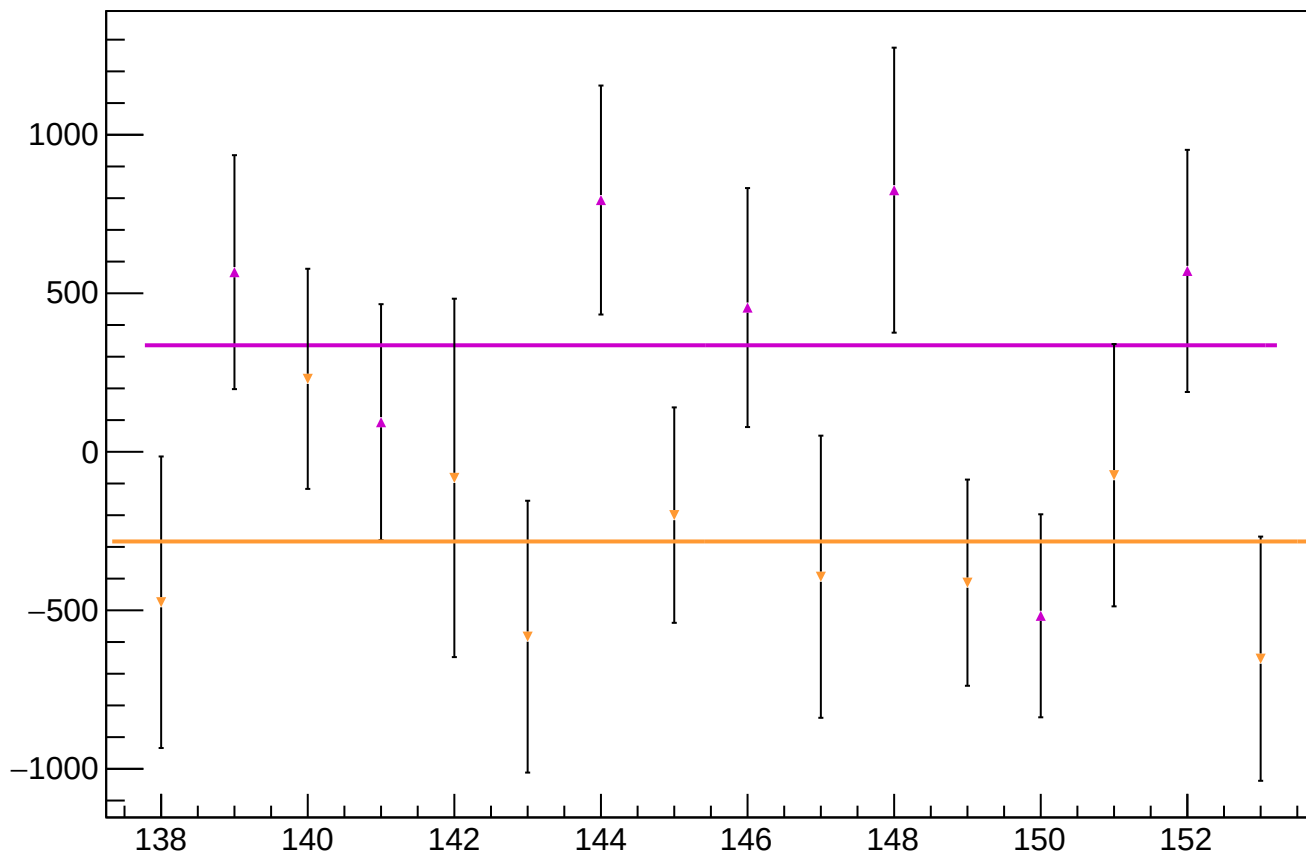
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.256+/-0.019 χ^2/NDF :33076.1/6

Out: 65.404+/-0.018 χ^2/NDF :103886.2/8

All: 65.335+/-0.013 χ^2/NDF : 136993.7/15

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -282.812+/-132.050 χ^2/NDF : 4.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.023+/-140.264 χ^2/NDF : 11.2/6

Left: 7.955+/-96.146 χ^2/NDF : 25.9/15

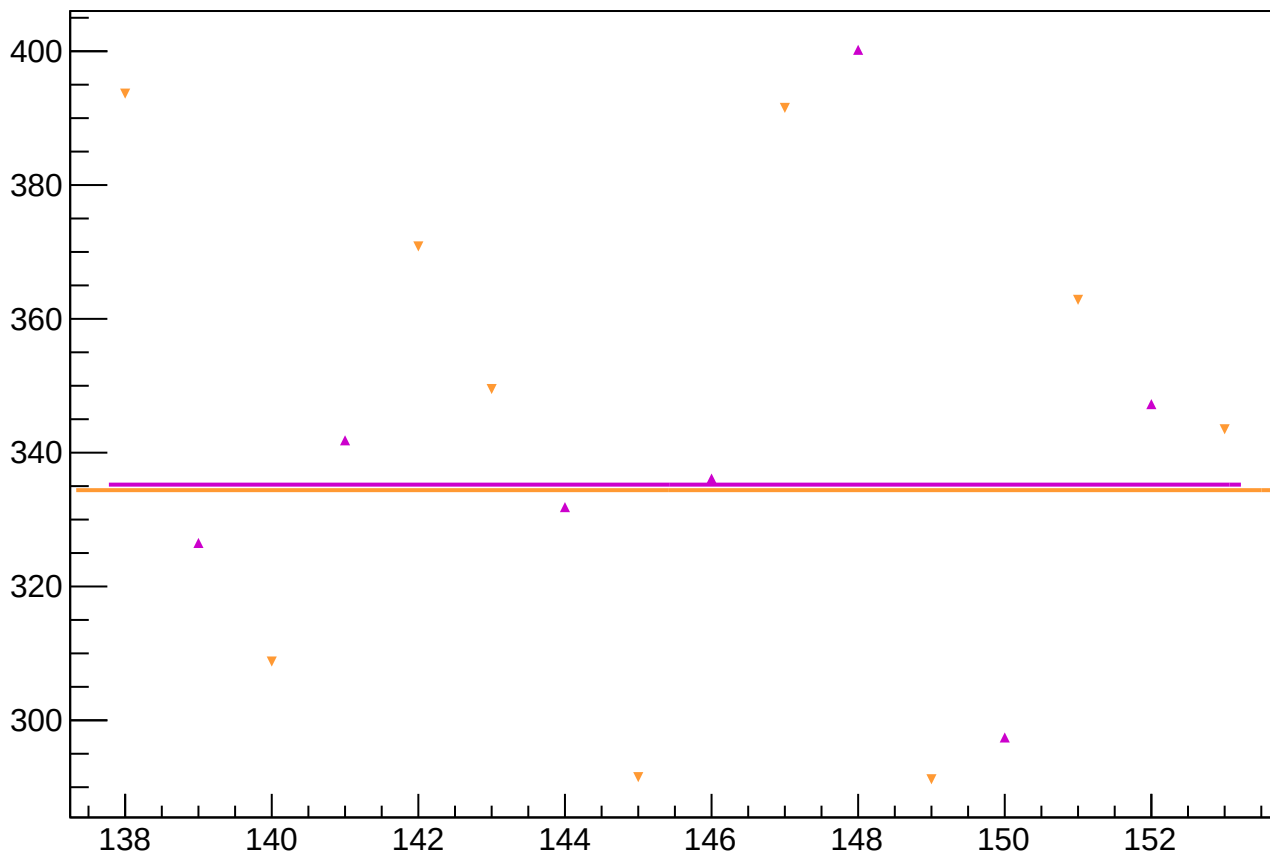
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.023+/-140.264 χ^2/NDF : 11.2/6

Out: -282.812+/-132.050 χ^2/NDF : 4.4/8

All: 7.955+/-96.146 χ^2/NDF : 25.9/15

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 334.397+/-0.093 χ^2/NDF :165637.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 335.223+/-0.099 χ^2/NDF :73591.5/6

Left: 334.785+/-0.068 χ^2/NDF : 239265.7/15

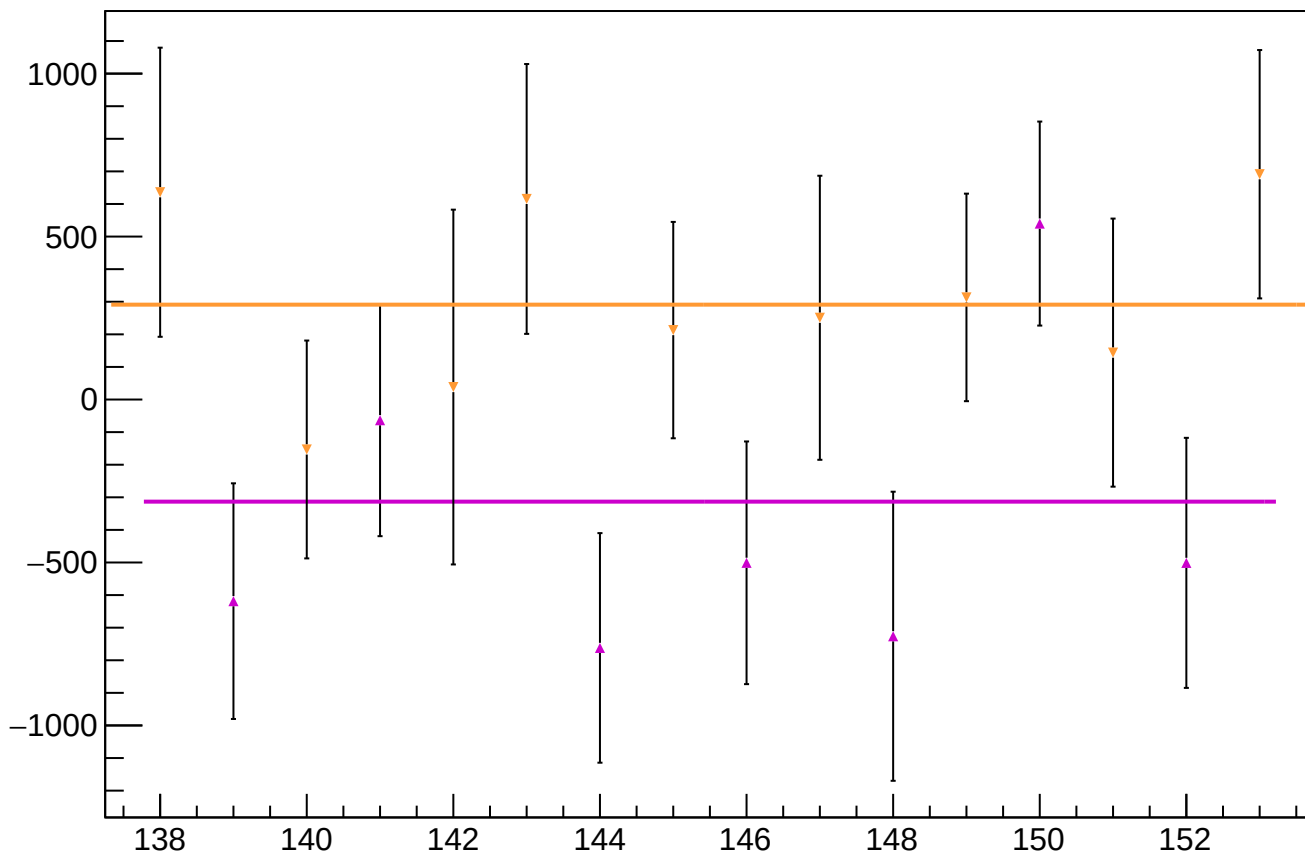
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 335.223+/-0.099 χ^2/NDF :73591.5/6

Out: 334.397+/-0.093 χ^2/NDF :165637.3/8

All: 334.785+/-0.068 χ^2/NDF : 239265.7/15

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 291.098+/-128.830 χ^2/NDF :4.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -313.306+/-137.477 χ^2/NDF :11.6/6

Left: 8.500+/-94.005 χ^2/NDF : 26.4/15

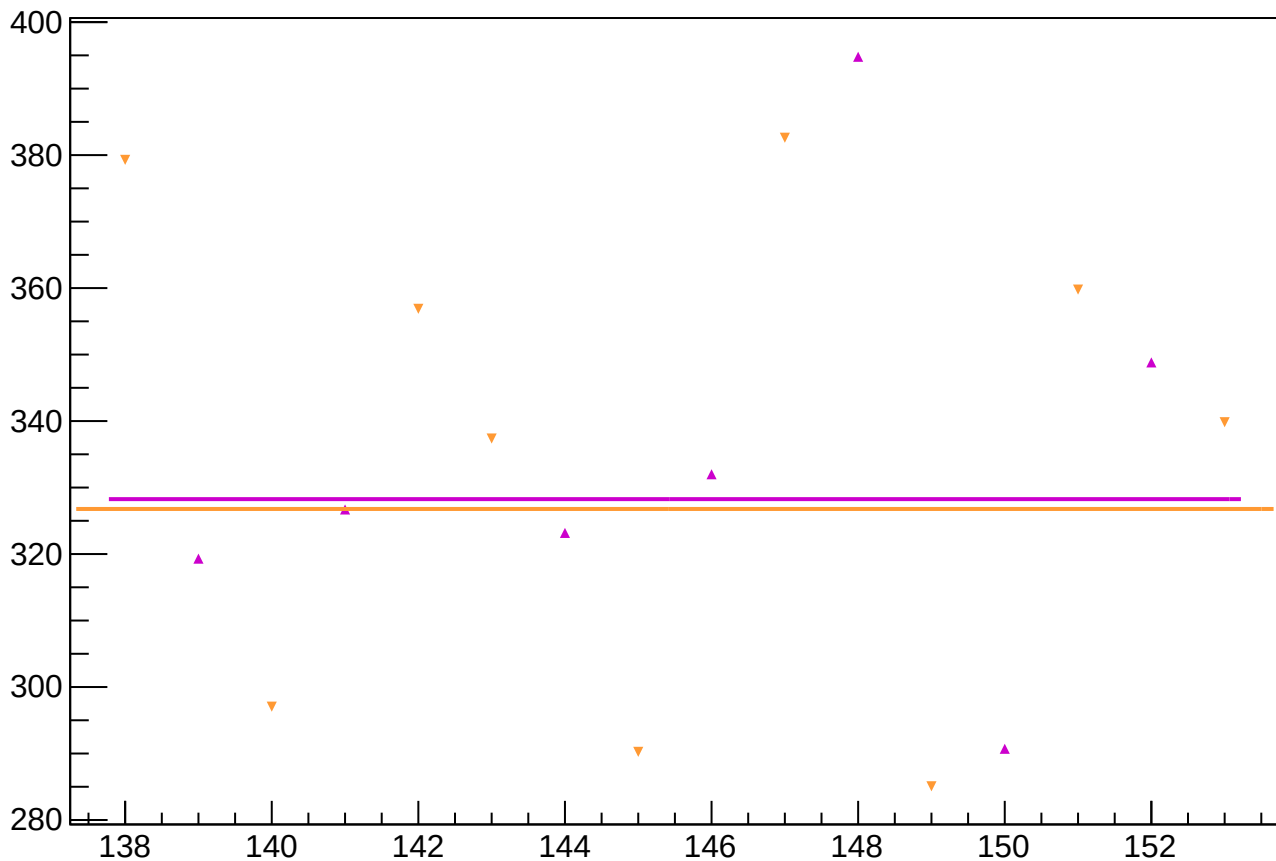
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -313.306+/-137.477 χ^2/NDF :11.6/6

Out: 291.098+/-128.830 χ^2/NDF :4.5/8

All: 8.500+/-94.005 χ^2/NDF : 26.4/15

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 326.781+/-0.091 χ^2/NDF :157869.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Left: 327.472+/-0.066 χ^2/NDF : 239412.1/15

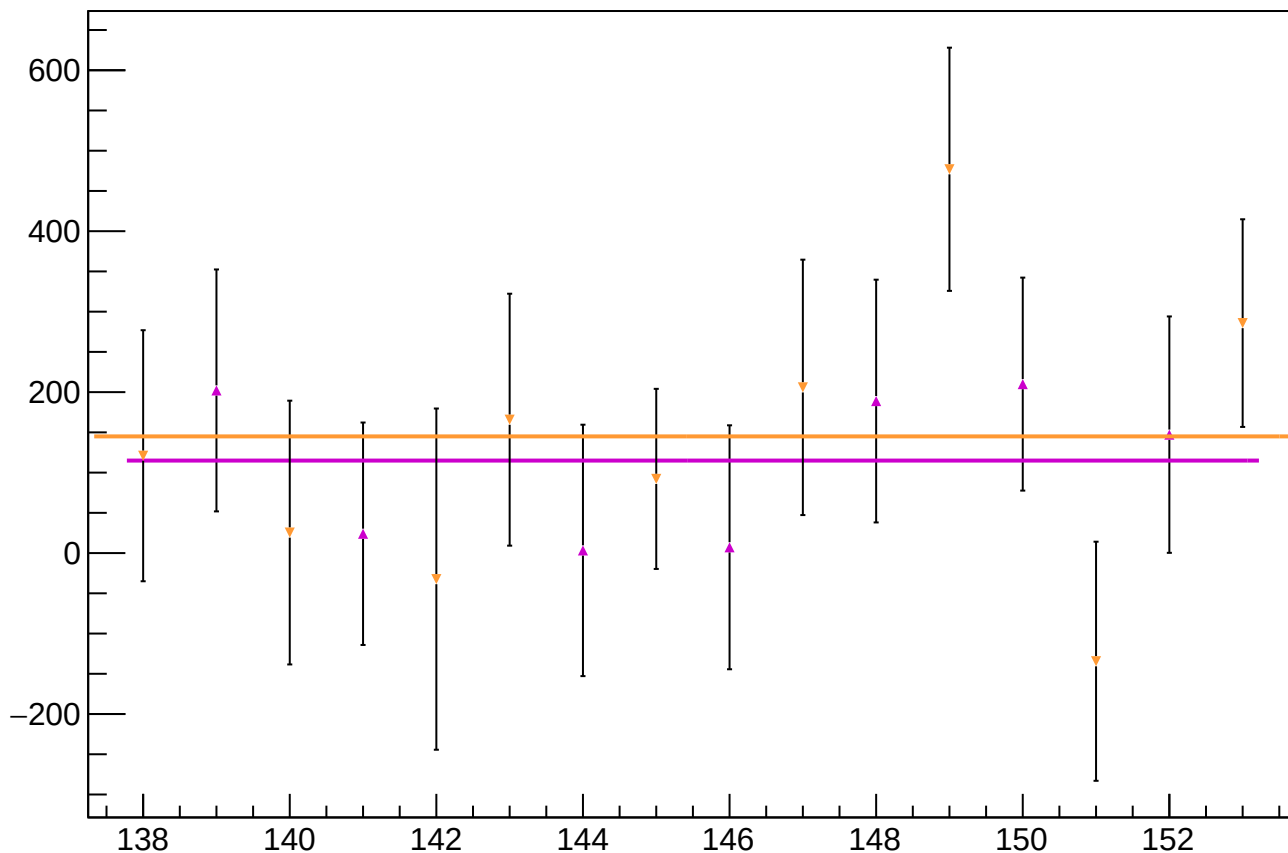
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Out: 326.781+/-0.091 χ^2/NDF :157869.1/8

All: 327.472+/-0.066 χ^2/NDF : 239412.1/15

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.999+/-49.378 χ^2/NDF : 11.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 114.959+/-55.172 χ^2/NDF : 2.6/6

Left: 131.638+/-36.794 χ^2/NDF : 14.0/15

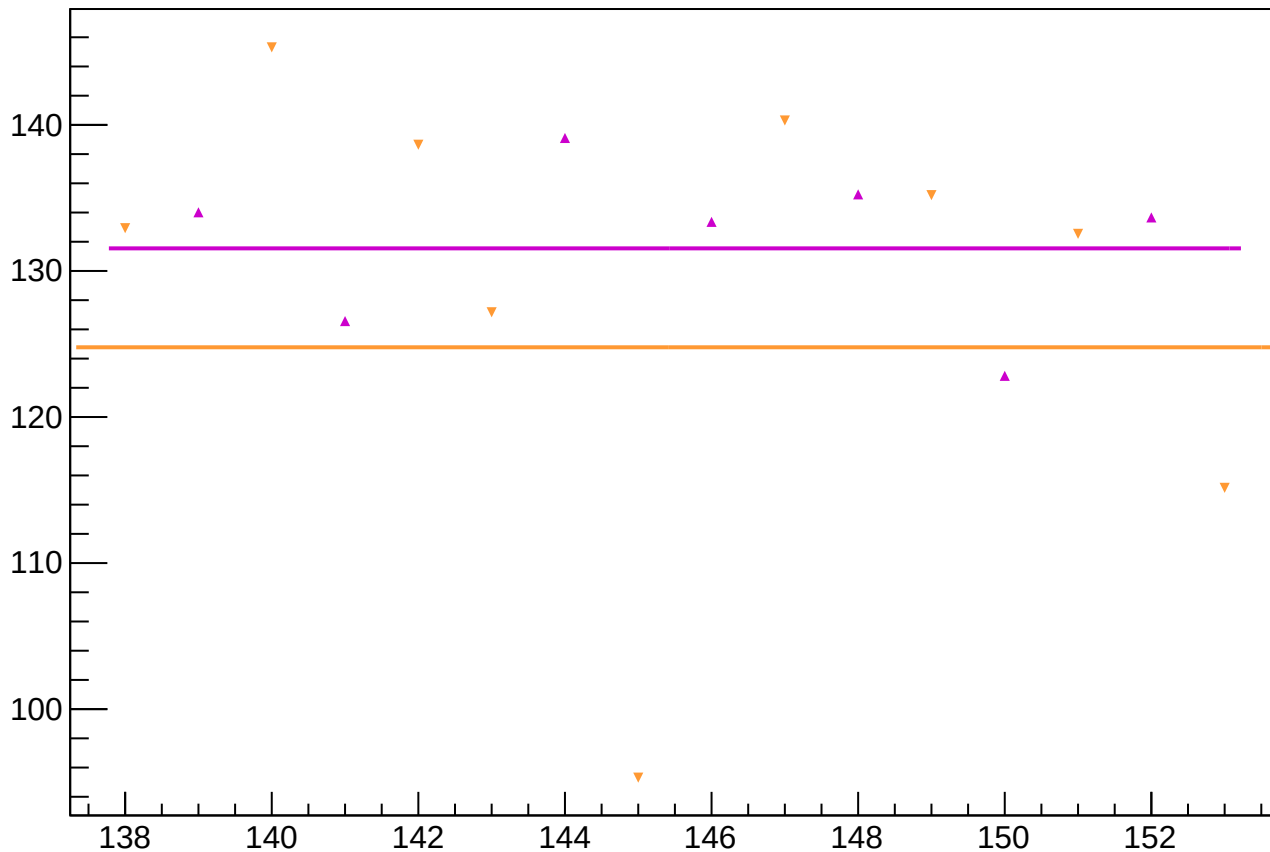
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.959+/-55.172 χ^2/NDF : 2.6/6

Out: 144.999+/-49.378 χ^2/NDF : 11.2/8

All: 131.638+/-36.794 χ^2/NDF : 14.0/15

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 124.774+/-0.035 χ^2/NDF :229798.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 131.547+/-0.039 χ^2/NDF :18419.6/6

Left: 127.786+/-0.026 χ^2/NDF : 264953.8/15

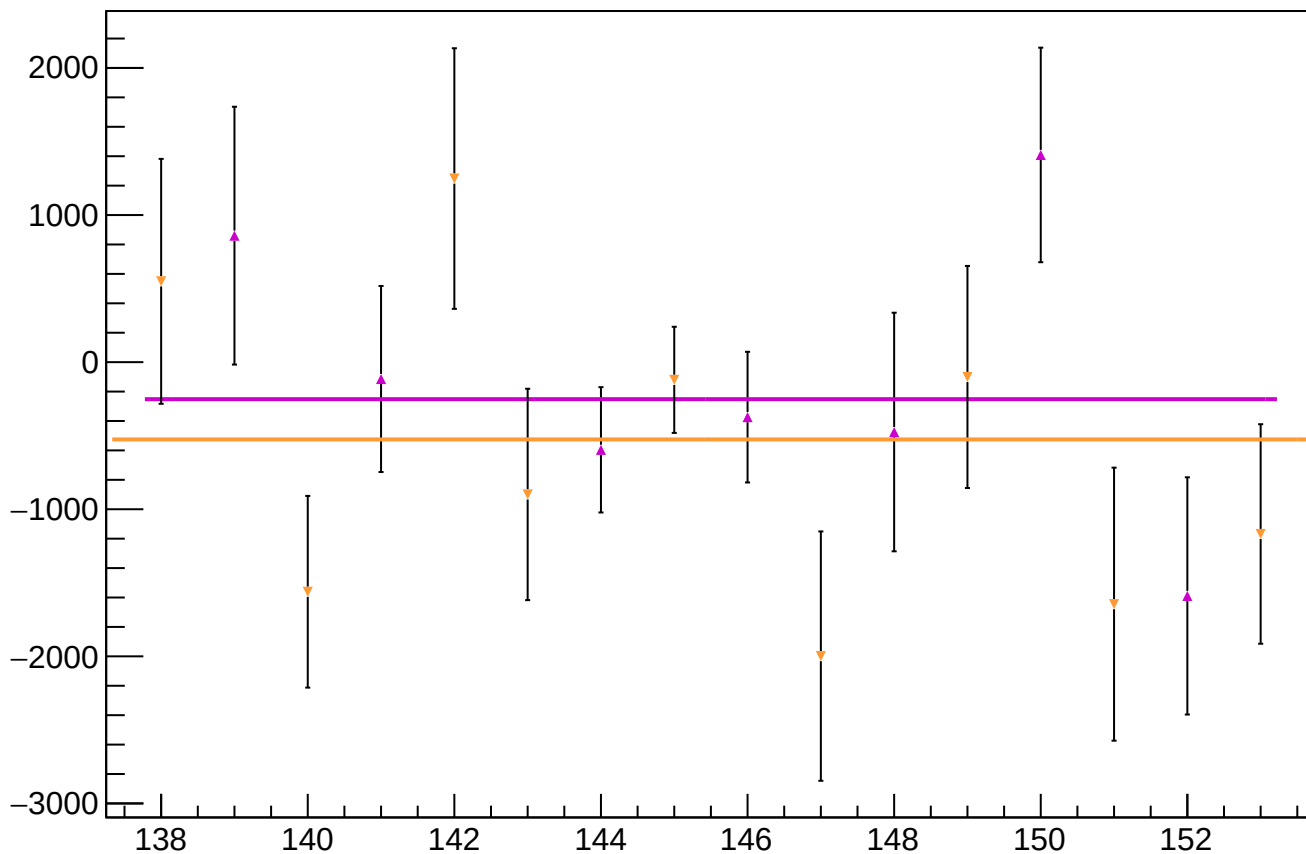
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 131.547+/-0.039 χ^2/NDF :18419.6/6

Out: 124.774+/-0.035 χ^2/NDF :229798.6/8

All: 127.786+/-0.026 χ^2/NDF : 264953.8/15

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -525.380+/-219.274 χ^2/NDF :15.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -251.703+/-227.509 χ^2/NDF :10.4/6

Left: -393.584+/-157.881 χ^2/NDF : 26.4/15

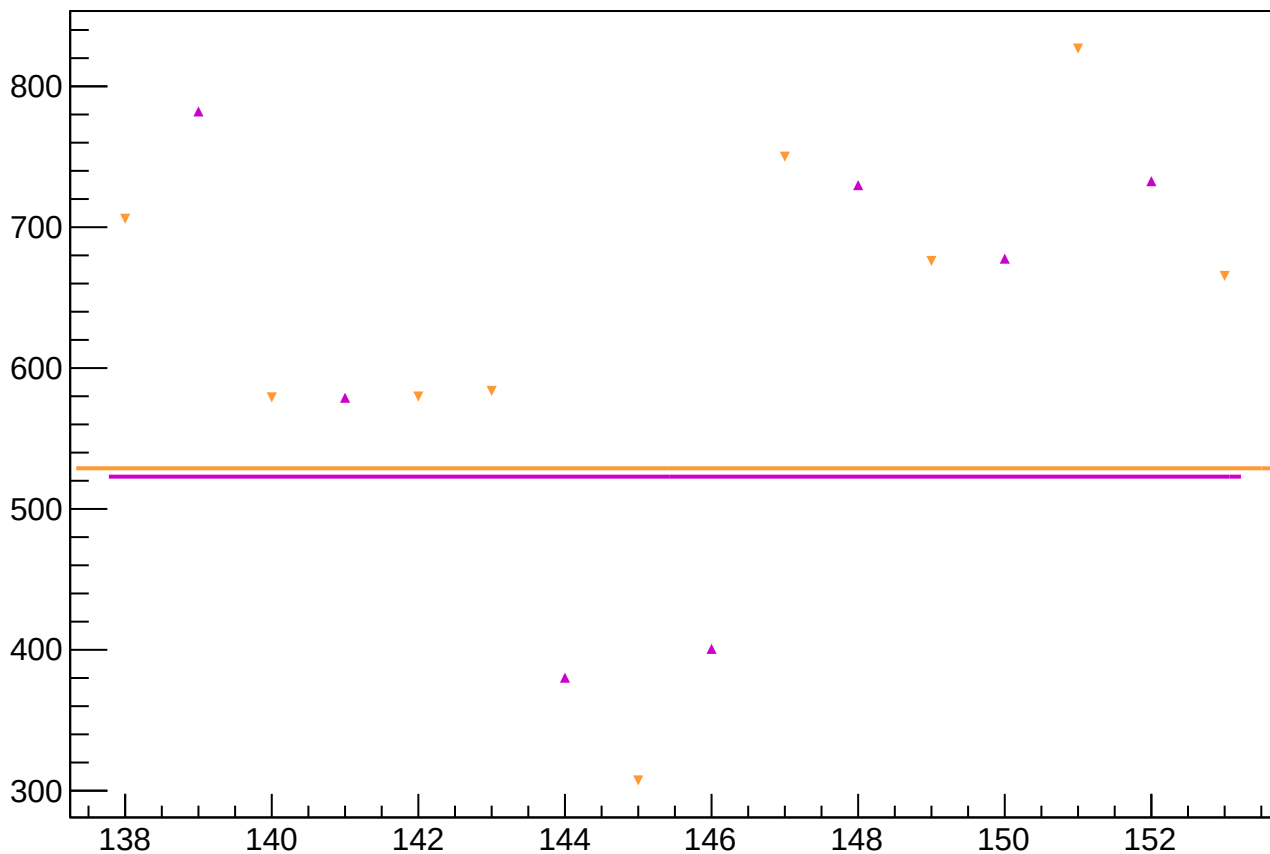
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -251.703+/-227.509 χ^2/NDF :10.4/6

Out: -525.380+/-219.274 χ^2/NDF :15.3/8

All: -393.584+/-157.881 χ^2/NDF : 26.4/15

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 528.861+/-0.155 χ^2/NDF :1360610.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 522.931+/-0.161 χ^2/NDF :922212.3/6

Left: 526.005+/-0.112 χ^2/NDF : 2283527.3/15

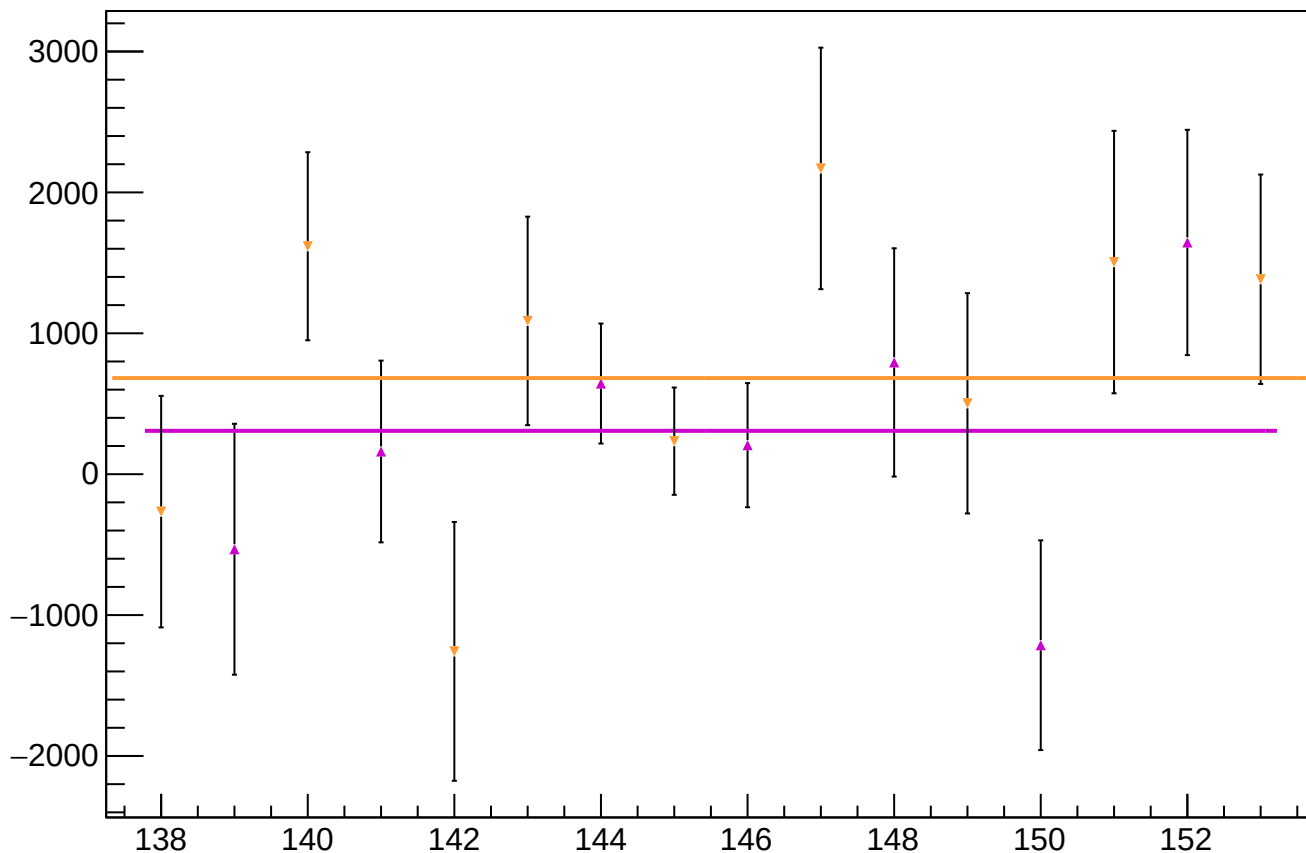
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 522.931+/-0.161 χ^2/NDF :922212.3/6

Out: 528.861+/-0.155 χ^2/NDF :1360610.6/8

All: 526.005+/-0.112 χ^2/NDF : 2283527.3/15

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 682.300+/-225.910 χ^2/NDF : 14.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 307.789+/-228.075 χ^2/NDF : 9.0/6

Left: 496.830+/-160.502 χ^2/NDF : 24.5/15

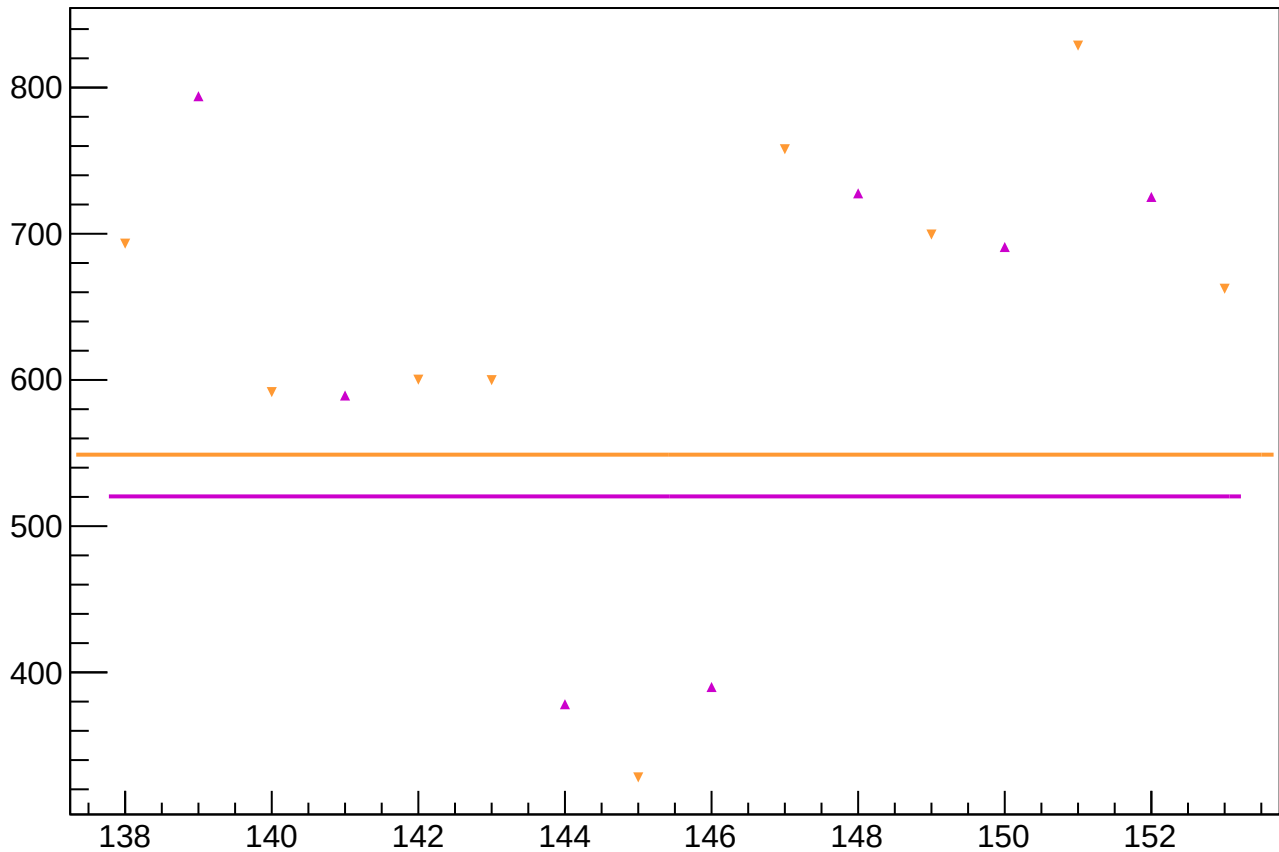
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 307.789+/-228.075 χ^2/NDF : 9.0/6

Out: 682.300+/-225.910 χ^2/NDF : 14.2/8

All: 496.830+/-160.502 χ^2/NDF : 24.5/15

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 548.903+/-0.160 χ^2/NDF :1177806.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 520.354+/-0.161 χ^2/NDF :977179.3/6

Left: 534.764+/-0.113 χ^2/NDF : 2170803.1/15

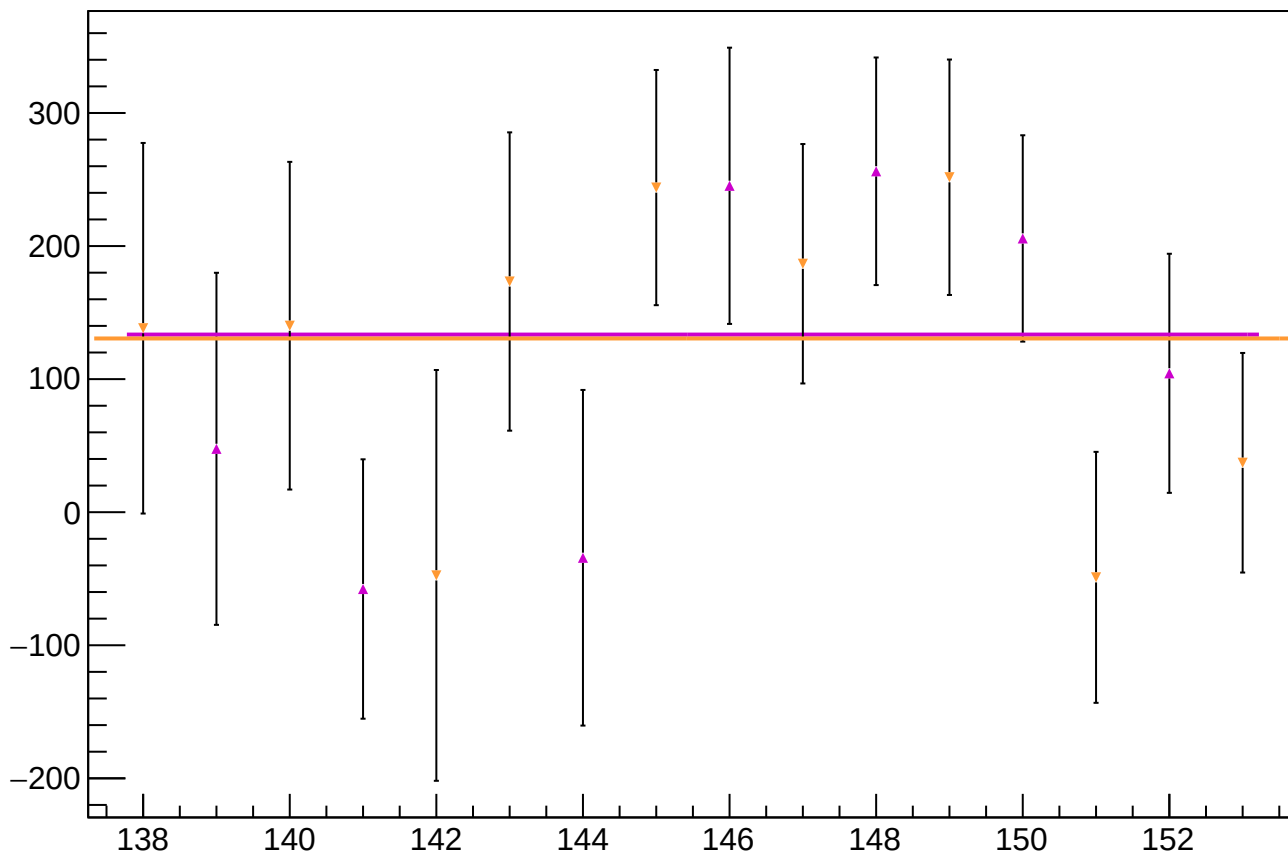
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 520.354+/-0.161 χ^2/NDF :977179.3/6

Out: 548.903+/-0.160 χ^2/NDF :1177806.1/8

All: 534.764+/-0.113 χ^2/NDF : 2170803.1/15

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 130.547+/-33.753 χ^2/NDF :10.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.470+/-36.635 χ^2/NDF :10.2/6

Left: 131.889+/-24.823 χ^2/NDF : 20.5/15

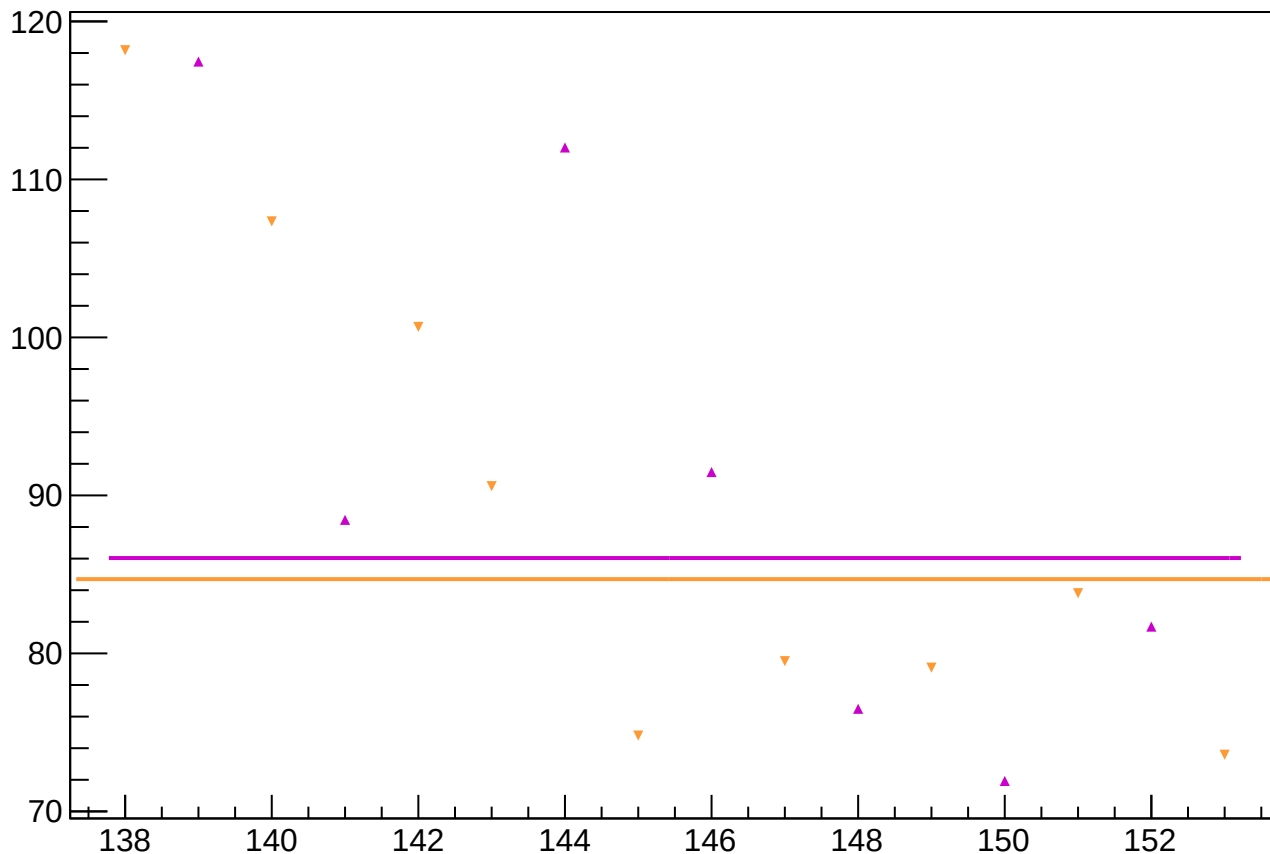
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.470+/-36.635 χ^2/NDF :10.2/6

Out: 130.547+/-33.753 χ^2/NDF :10.3/8

All: 131.889+/-24.823 χ^2/NDF : 20.5/15

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 84.701+/-0.024 χ^2/NDF :286370.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 86.036+/-0.026 χ^2/NDF :300282.9/6

Left: 85.314+/-0.018 χ^2/NDF : 588088.7/15

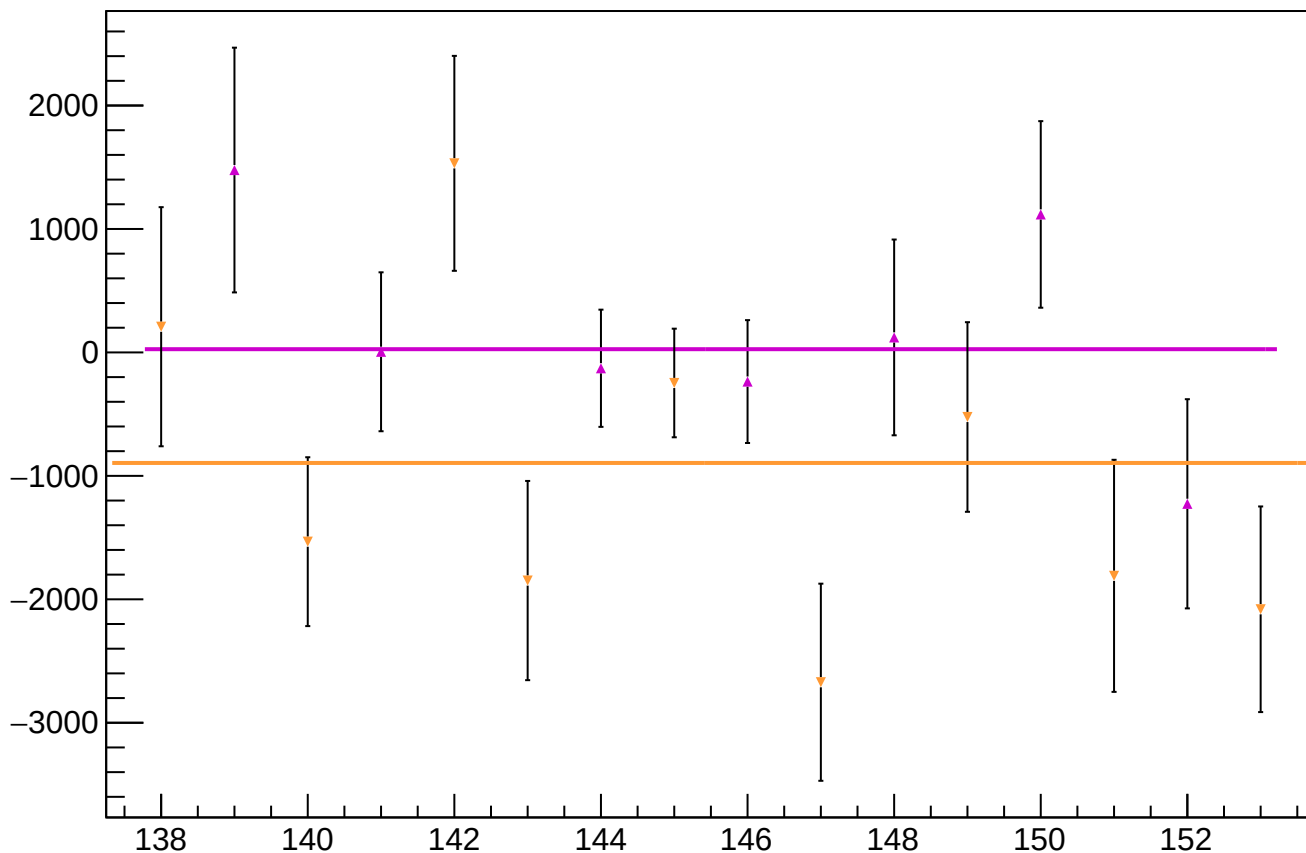
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.036+/-0.026 χ^2/NDF :300282.9/6

Out: 84.701+/-0.024 χ^2/NDF :286370.5/8

All: 85.314+/-0.018 χ^2/NDF : 588088.7/15

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -895.371+/-242.082 χ^2/NDF :21.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.187+/-245.133 χ^2/NDF :6.8/6

Left: -440.363+/-172.246 χ^2/NDF : 35.6/15

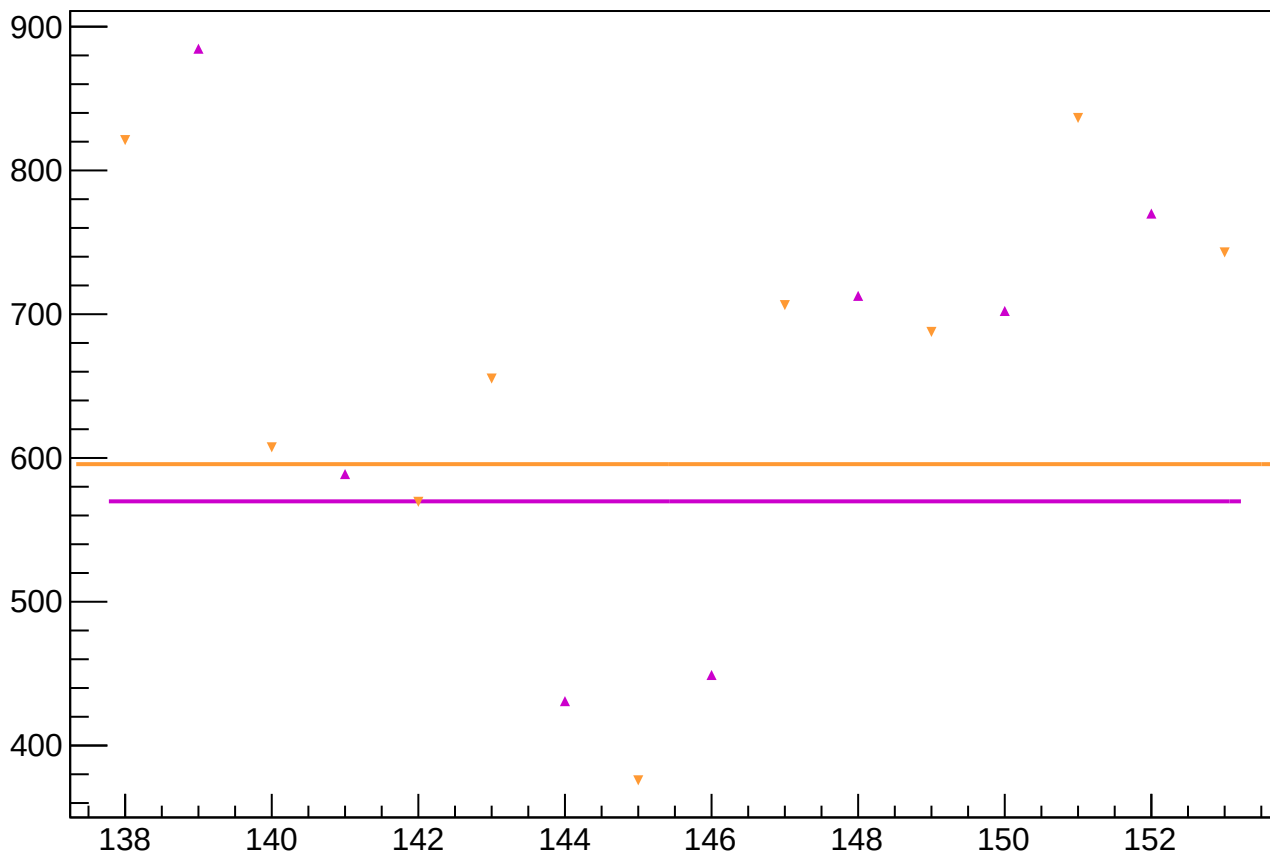
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.187+/-245.133 χ^2/NDF :6.8/6

Out: -895.371+/-242.082 χ^2/NDF :21.7/8

All: -440.363+/-172.246 χ^2/NDF : 35.6/15

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 595.710+/-0.171 χ^2/NDF : 882301.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 569.834+/-0.173 χ^2/NDF : 730712.4/6

Left: 582.934+/-0.122 χ^2/NDF : 1624295.6/15

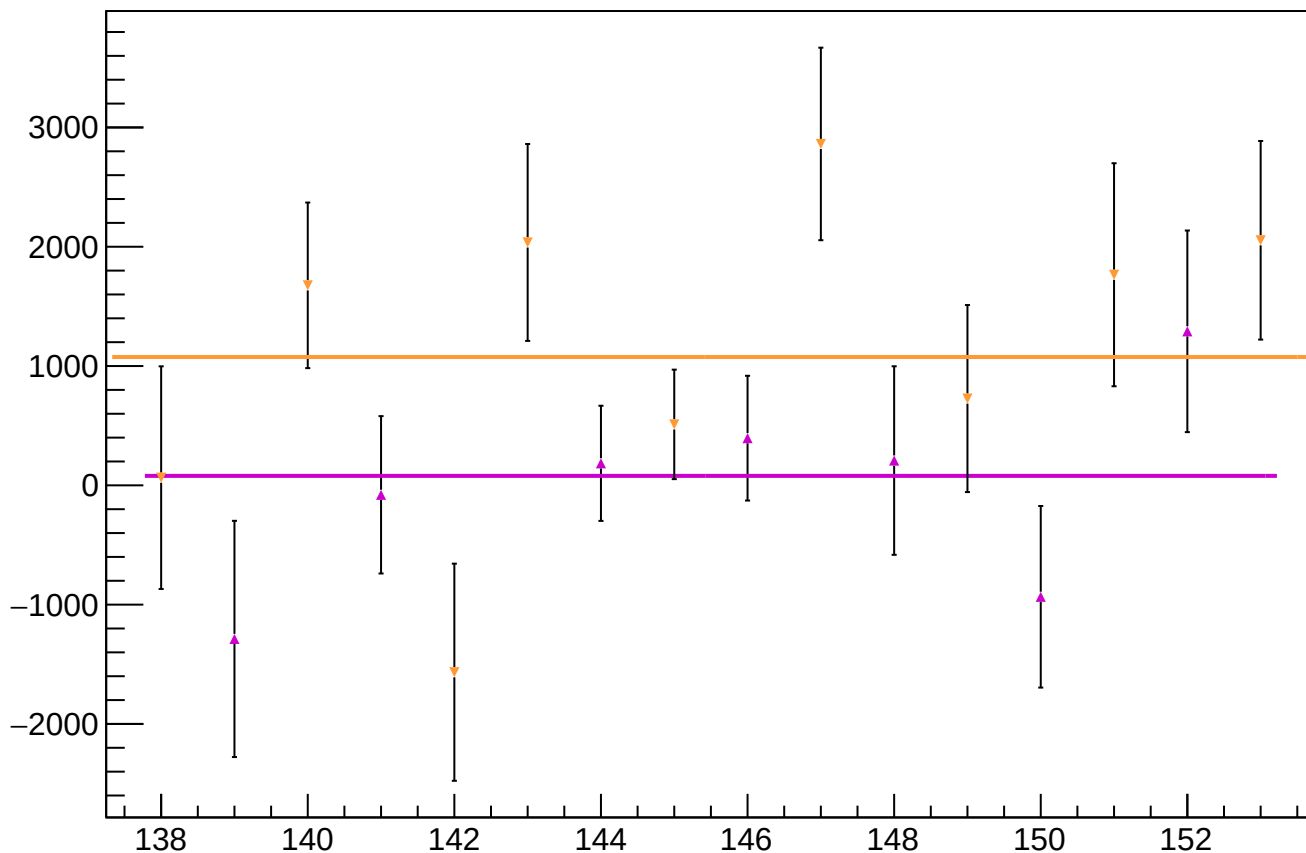
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 569.834+/-0.173 χ^2/NDF : 730712.4/6

Out: 595.710+/-0.171 χ^2/NDF : 882301.4/8

All: 582.934+/-0.122 χ^2/NDF : 1624295.6/15

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1075.747+/-246.933 χ^2/NDF :20.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 79.395+/-250.025 χ^2/NDF :6.2/6

Left: 583.770+/-175.691 χ^2/NDF : 34.5/15

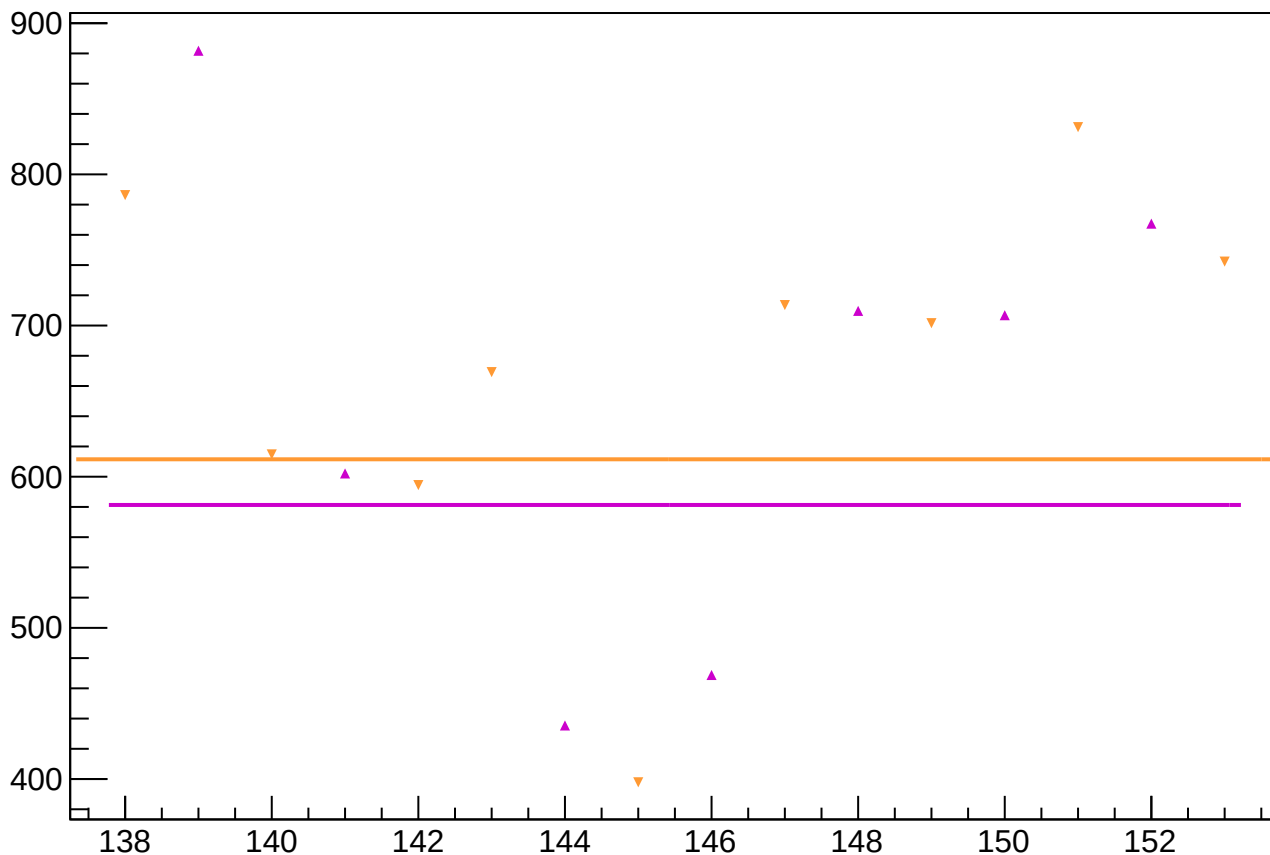
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 79.395+/-250.025 χ^2/NDF :6.2/6

Out: 1075.747+/-246.933 χ^2/NDF :20.2/8

All: 583.770+/-175.691 χ^2/NDF : 34.5/15

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 611.515+/-0.175 χ^2/NDF : 732578.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 581.307+/-0.177 χ^2/NDF : 665612.4/6

Left: 596.598+/-0.124 χ^2/NDF : 1412969.9/15

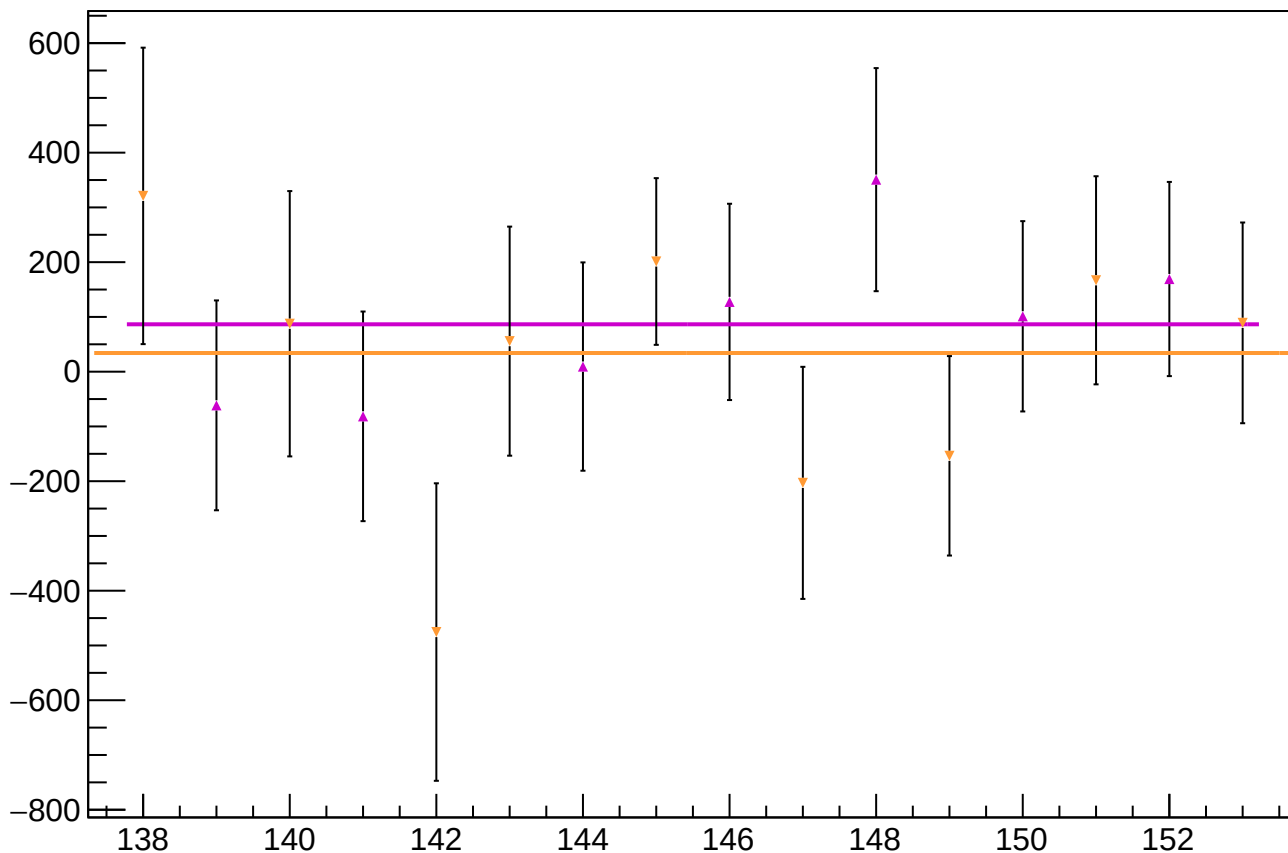
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 581.307+/-0.177 χ^2/NDF : 665612.4/6

Out: 611.515+/-0.175 χ^2/NDF : 732578.5/8

All: 596.598+/-0.124 χ^2/NDF : 1412969.9/15

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 34.113+/-67.400 χ^2/NDF : 8.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 86.534+/-70.305 χ^2/NDF : 3.5/6

Left: 59.218+/-48.654 χ^2/NDF : 12.6/15

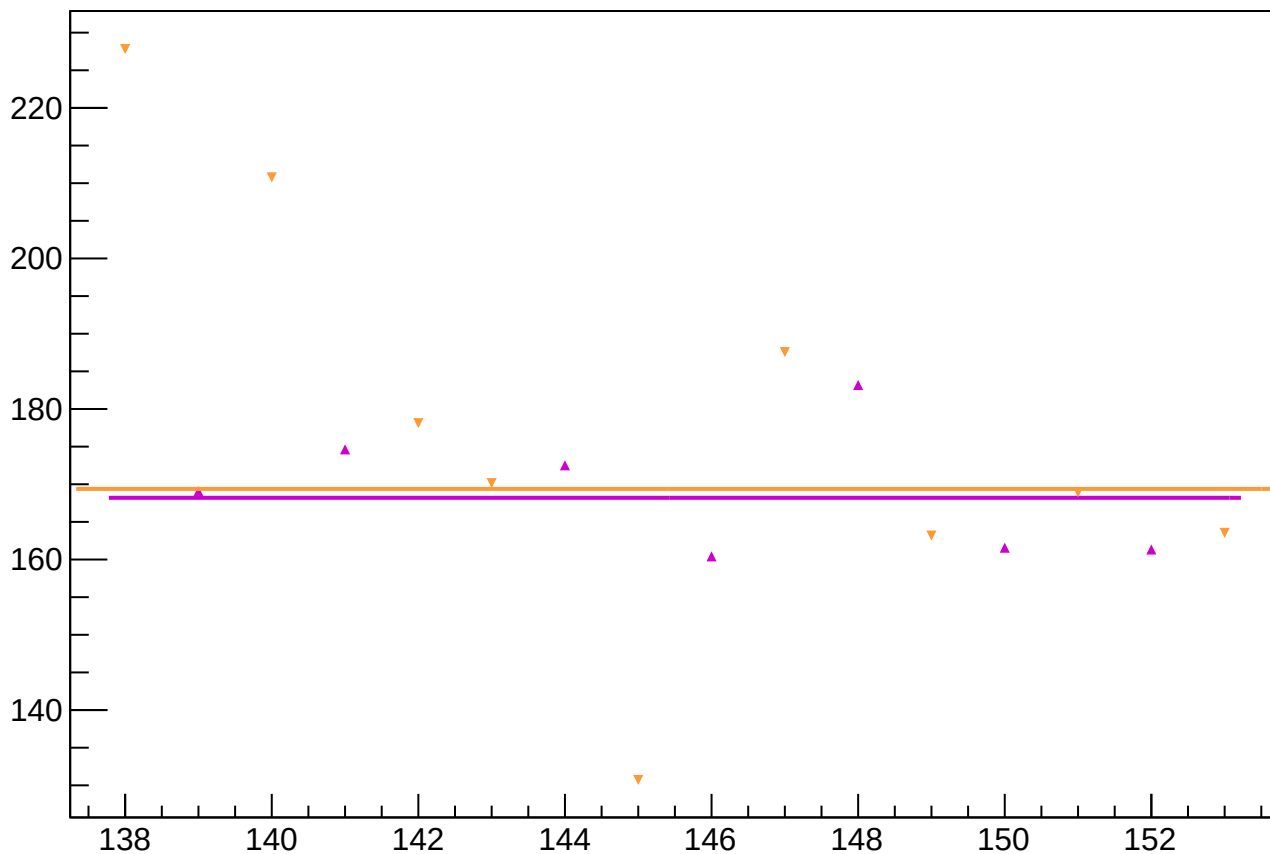
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.534+/-70.305 χ^2/NDF : 3.5/6

Out: 34.113+/-67.400 χ^2/NDF : 8.8/8

All: 59.218+/-48.654 χ^2/NDF : 12.6/15

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 169.384+/-0.048 χ^2/NDF :301810.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 168.200+/-0.050 χ^2/NDF :23837.3/6

Left: 168.817+/-0.034 χ^2/NDF : 325942.9/15

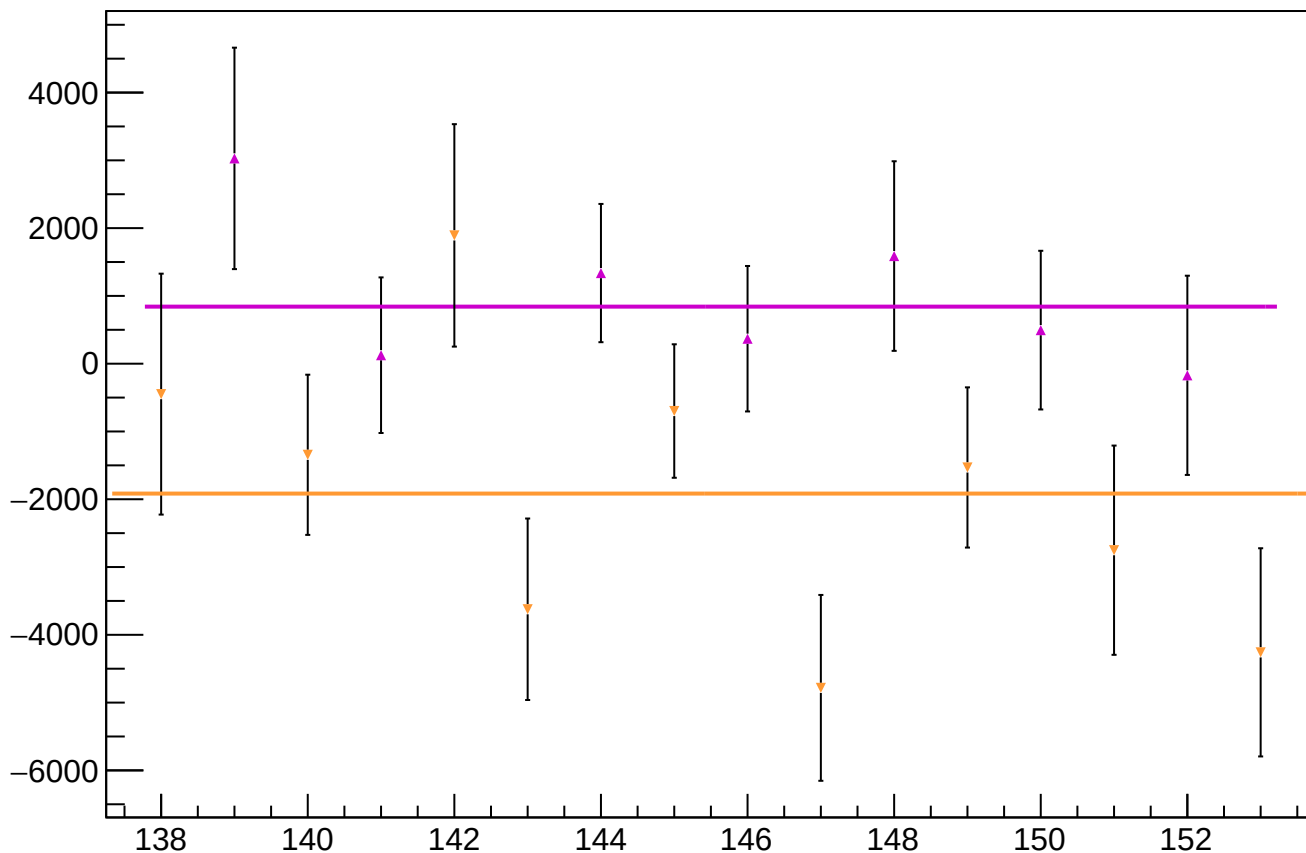
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.200+/-0.050 χ^2/NDF :23837.3/6

Out: 169.384+/-0.048 χ^2/NDF :301810.0/8

All: 168.817+/-0.034 χ^2/NDF : 325942.9/15

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1916.272+/-443.452 χ^2/NDF :16.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 841.801+/-462.858 χ^2/NDF :3.5/6

Left: -596.265+/-320.209 χ^2/NDF : 38.5/15

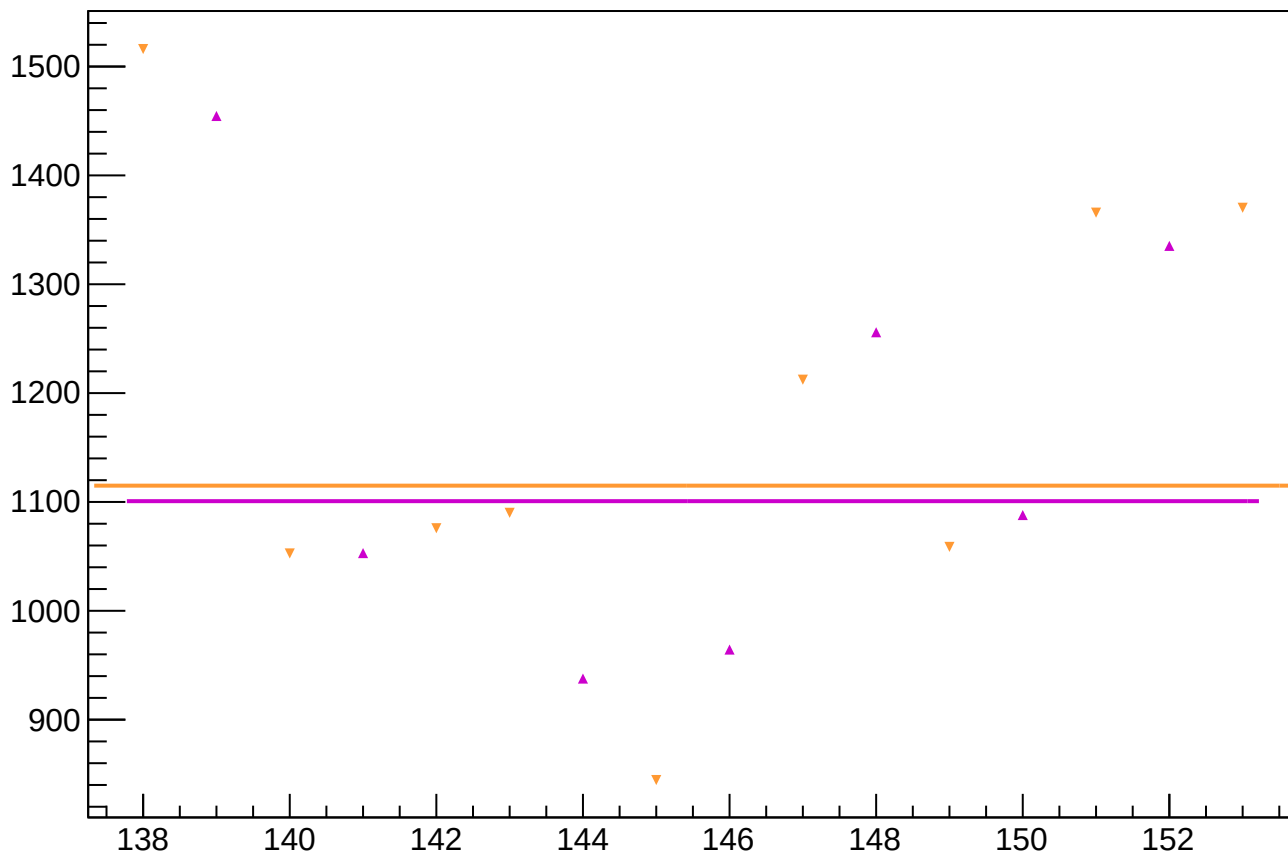
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 841.801+/-462.858 χ^2/NDF :3.5/6

Out: -1916.272+/-443.452 χ^2/NDF :16.6/8

All: -596.265+/-320.209 χ^2/NDF : 38.5/15

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1114.983+/-0.314 χ^2/NDF : 382818.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1100.728+/-0.327 χ^2/NDF : 256443.7/6

Left: 1108.161+/-0.226 χ^2/NDF : 640251.3/15

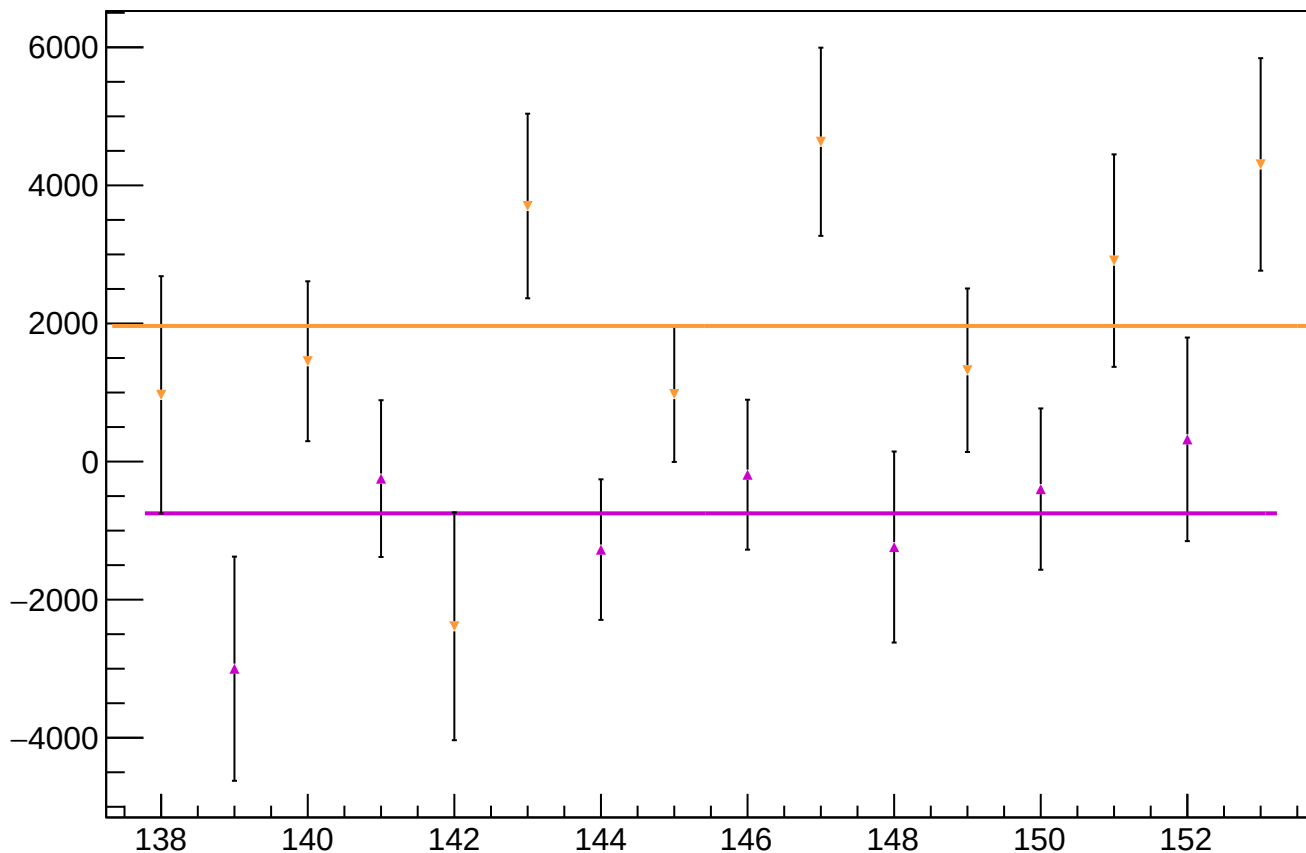
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1100.728+/-0.327 χ^2/NDF : 256443.7/6

Out: 1114.983+/-0.314 χ^2/NDF : 382818.6/8

All: 1108.161+/-0.226 χ^2/NDF : 640251.3/15

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1964.269+/-440.985 χ^2/NDF :17.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -749.891+/-462.082 χ^2/NDF :3.4/6

Left: 670.561+/-319.021 χ^2/NDF : 38.4/15

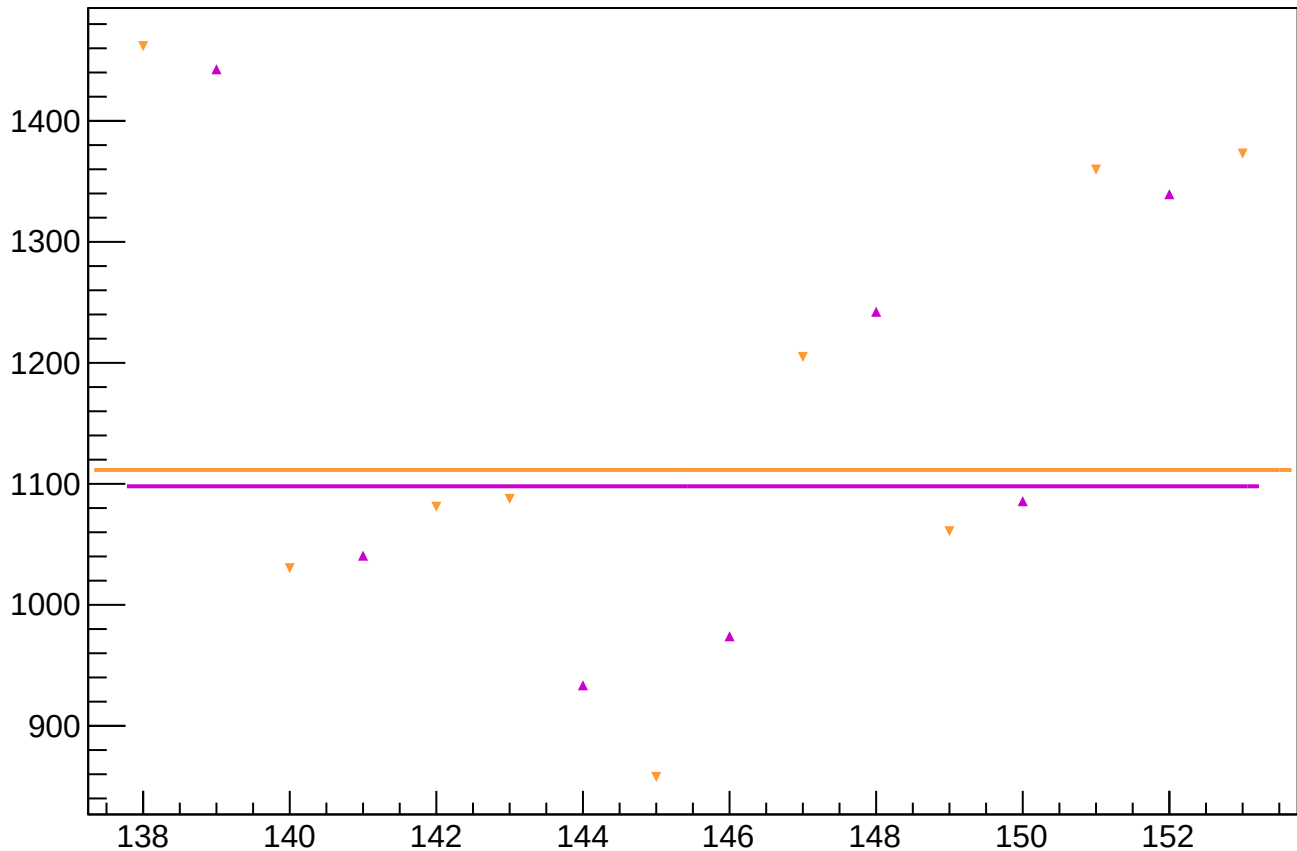
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -749.891+/-462.082 χ^2/NDF :3.4/6

Out: 1964.269+/-440.985 χ^2/NDF :17.0/8

All: 670.561+/-319.021 χ^2/NDF : 38.4/15

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1111.510+/-0.312 χ^2/NDF : 350341.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1097.988+/-0.327 χ^2/NDF : 249133.9/6

Left: 1105.065+/-0.226 χ^2/NDF : 600371.9/15

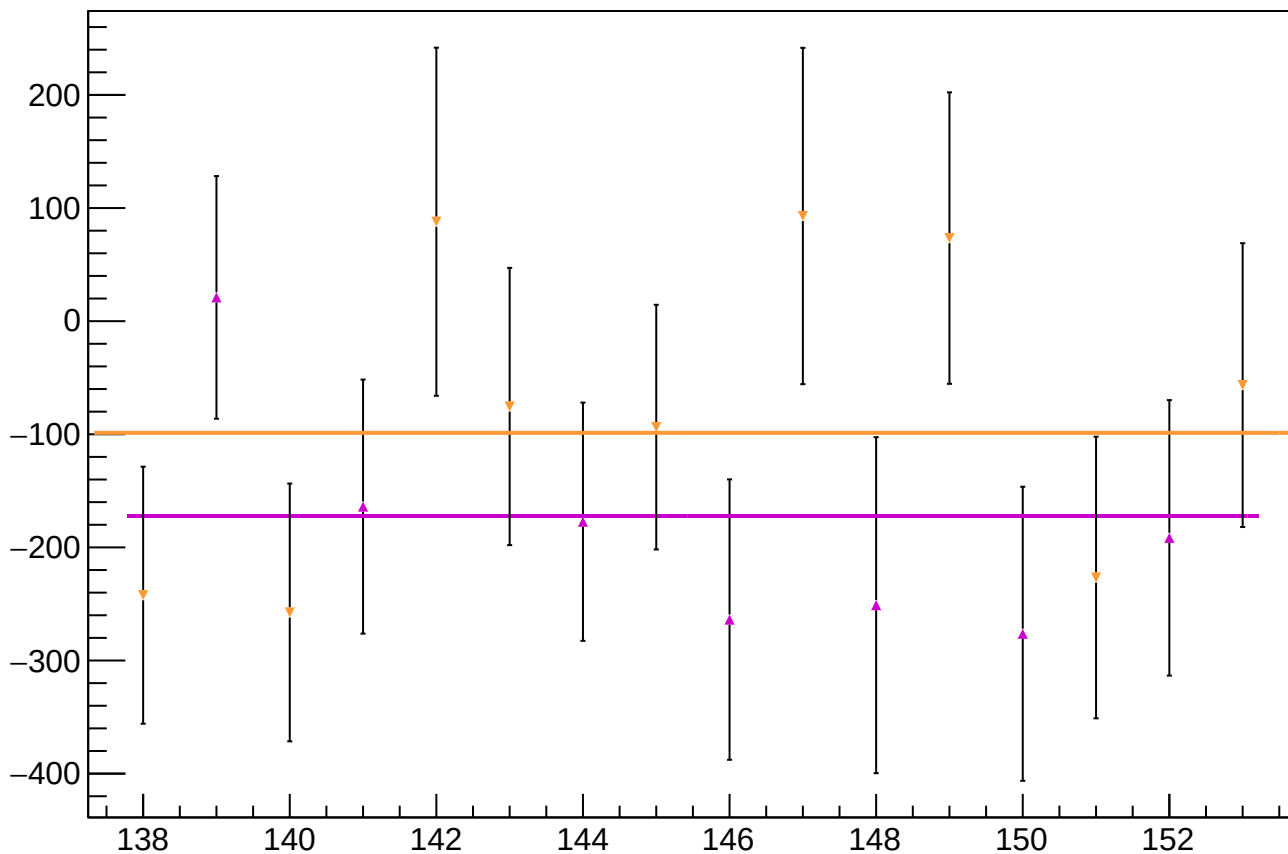
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1097.988+/-0.327 χ^2/NDF : 249133.9/6

Out: 1111.510+/-0.312 χ^2/NDF : 350341.6/8

All: 1105.065+/-0.226 χ^2/NDF : 600371.9/15

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -98.736 ± 41.439 $\chi^2/\text{NDF}: 9.7/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -172.234 ± 45.019 $\chi^2/\text{NDF}: 4.7/6$

Left: -132.447 ± 30.489 $\chi^2/\text{NDF}: 15.9/15$

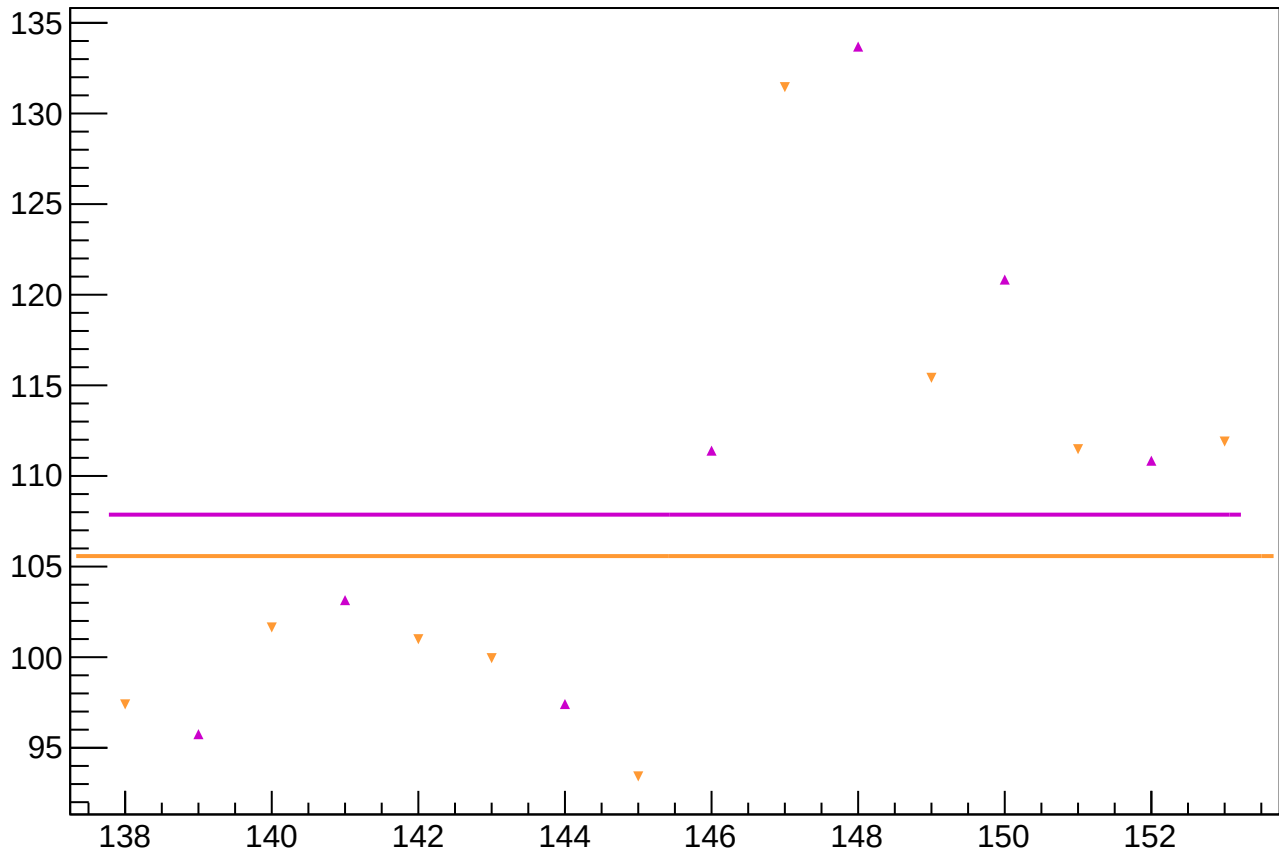
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -172.234 ± 45.019 $\chi^2/\text{NDF}: 4.7/6$

Out: -98.736 ± 41.439 $\chi^2/\text{NDF}: 9.7/8$

All: -132.447 ± 30.489 $\chi^2/\text{NDF}: 15.9/15$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 105.579+/-0.029 χ^2/NDF :125840.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 107.865+/-0.032 χ^2/NDF :131911.1/6

Left: 106.627+/-0.022 χ^2/NDF : 260543.5/15

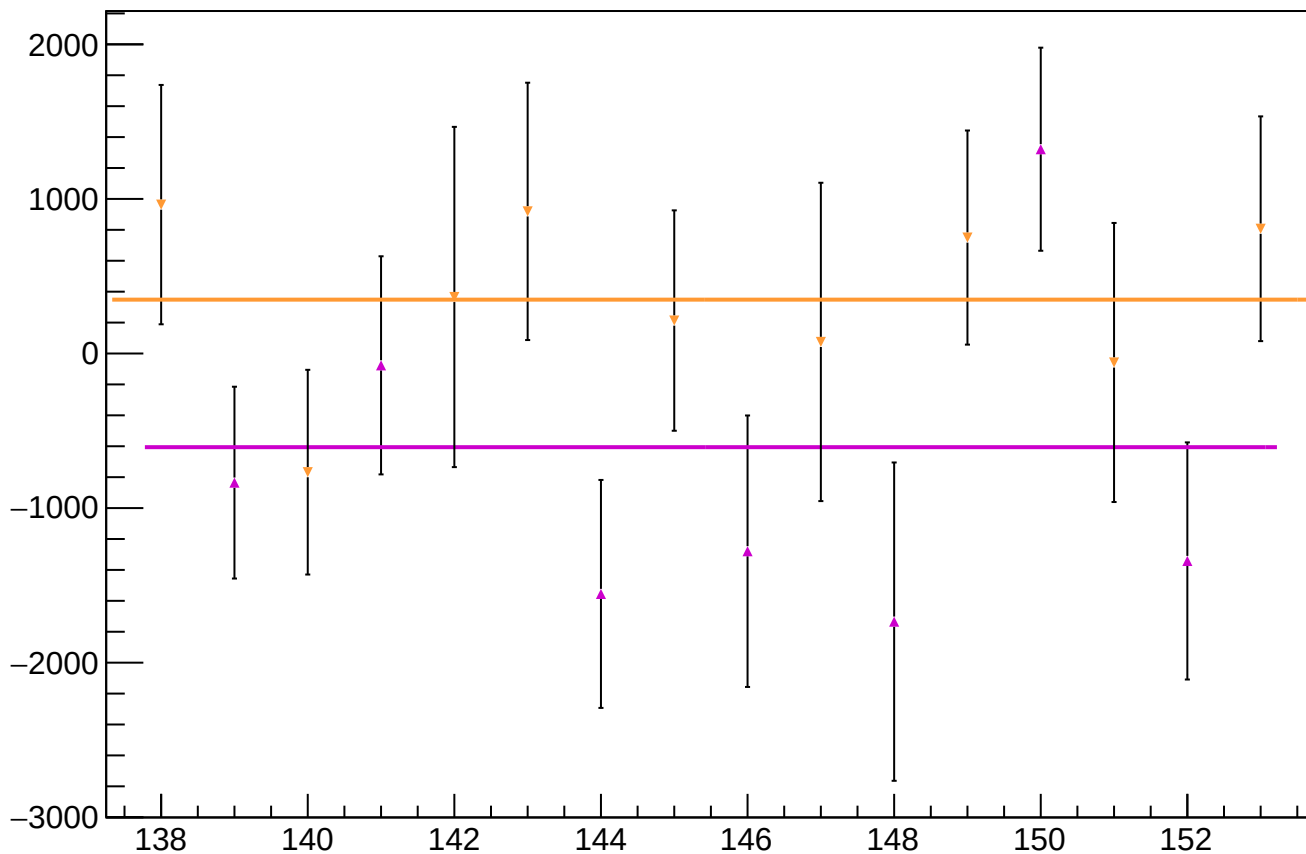
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.865+/-0.032 χ^2/NDF :131911.1/6

Out: 105.579+/-0.029 χ^2/NDF :125840.4/8

All: 106.627+/-0.022 χ^2/NDF : 260543.5/15

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 348.422+/-264.127 χ^2/NDF :5.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -605.967+/-280.567 χ^2/NDF :13.7/6

Left: -99.994+/-192.315 χ^2/NDF : 24.8/15

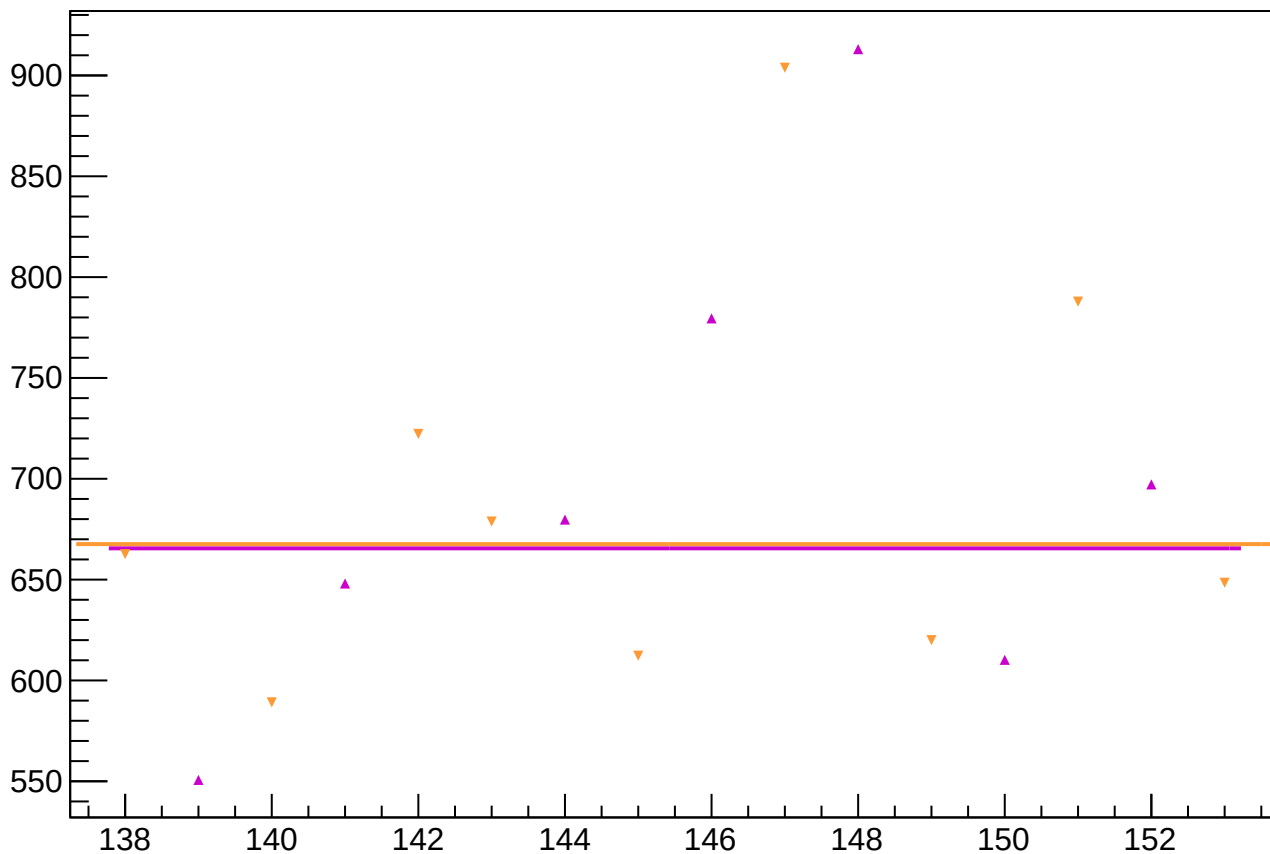
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -605.967+/-280.567 χ^2/NDF :13.7/6

Out: 348.422+/-264.127 χ^2/NDF :5.0/8

All: -99.994+/-192.315 χ^2/NDF : 24.8/15

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 667.604+/-0.187 χ^2/NDF :197131.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 665.512+/-0.198 χ^2/NDF :237398.4/6

Left: 666.621+/-0.136 χ^2/NDF : 434588.6/15

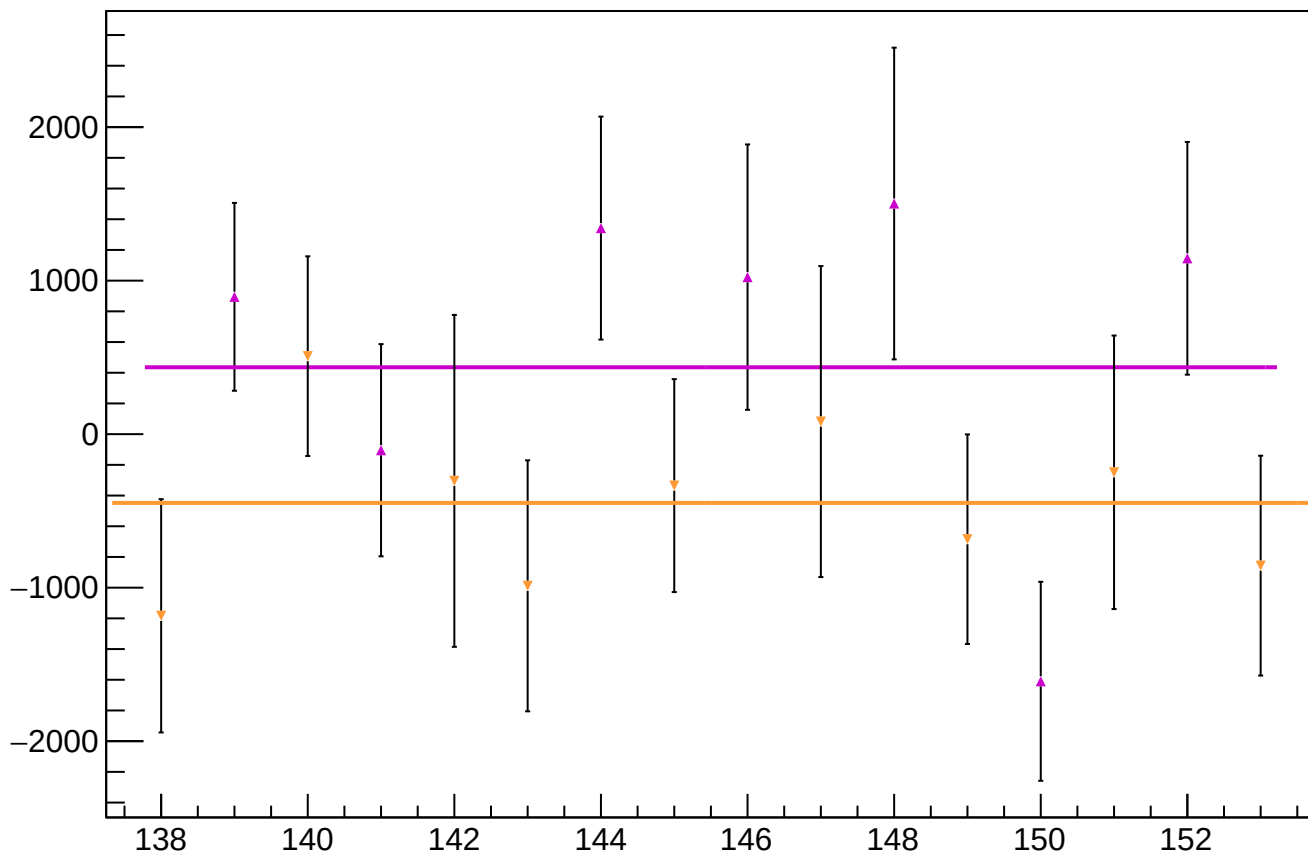
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 665.512+/-0.198 χ^2/NDF :237398.4/6

Out: 667.604+/-0.187 χ^2/NDF :197131.3/8

All: 666.621+/-0.136 χ^2/NDF : 434588.6/15

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -448.002+/-259.447 χ^2/NDF : 4.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 435.696+/-276.396 χ^2/NDF : 15.1/6

Left: -34.077+/-189.165 χ^2/NDF : 24.9/15

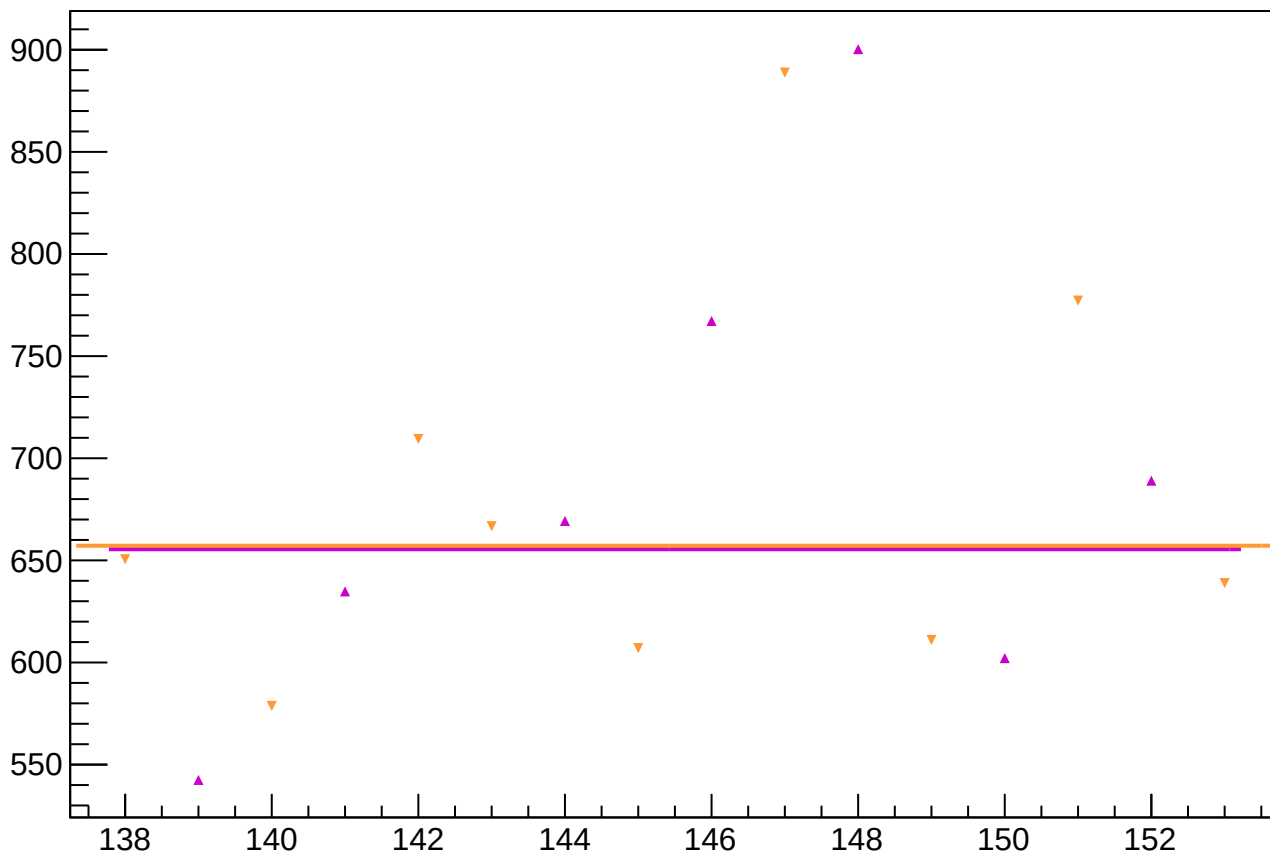
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 435.696+/-276.396 χ^2/NDF : 15.1/6

Out: -448.002+/-259.447 χ^2/NDF : 4.3/8

All: -34.077+/-189.165 χ^2/NDF : 24.9/15

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 657.182+/-0.183 χ^2/NDF :195968.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 655.454+/-0.195 χ^2/NDF :237861.0/6

Left: 656.373+/-0.134 χ^2/NDF : 433870.7/15

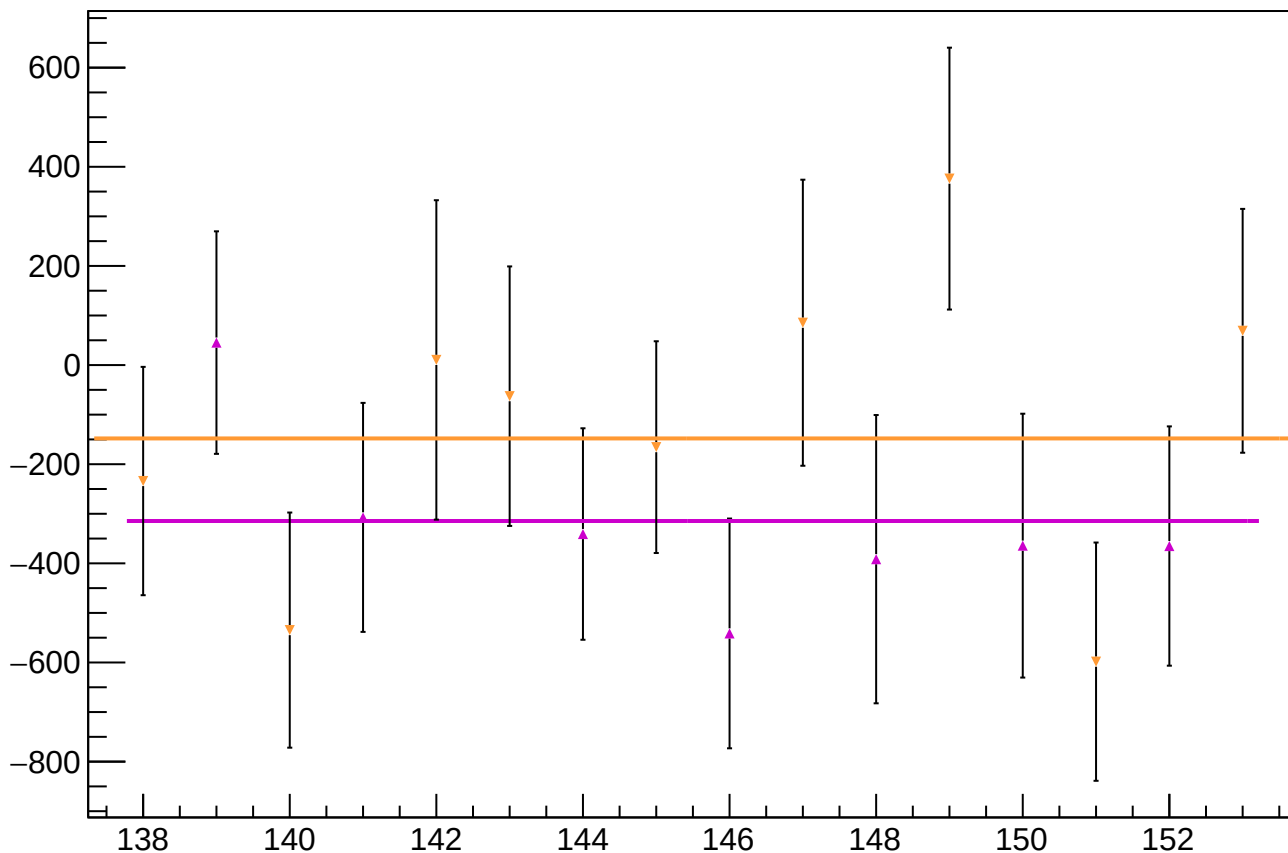
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 655.454+/-0.195 χ^2/NDF :237861.0/6

Out: 657.182+/-0.183 χ^2/NDF :195968.2/8

All: 656.373+/-0.134 χ^2/NDF : 433870.7/15

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -148.017 ± 83.636 $\chi^2/\text{NDF}: 12.0/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -314.570 ± 90.428 $\chi^2/\text{NDF}: 3.7/6$

Left: -224.804 ± 61.401 $\chi^2/\text{NDF}: 17.6/15$

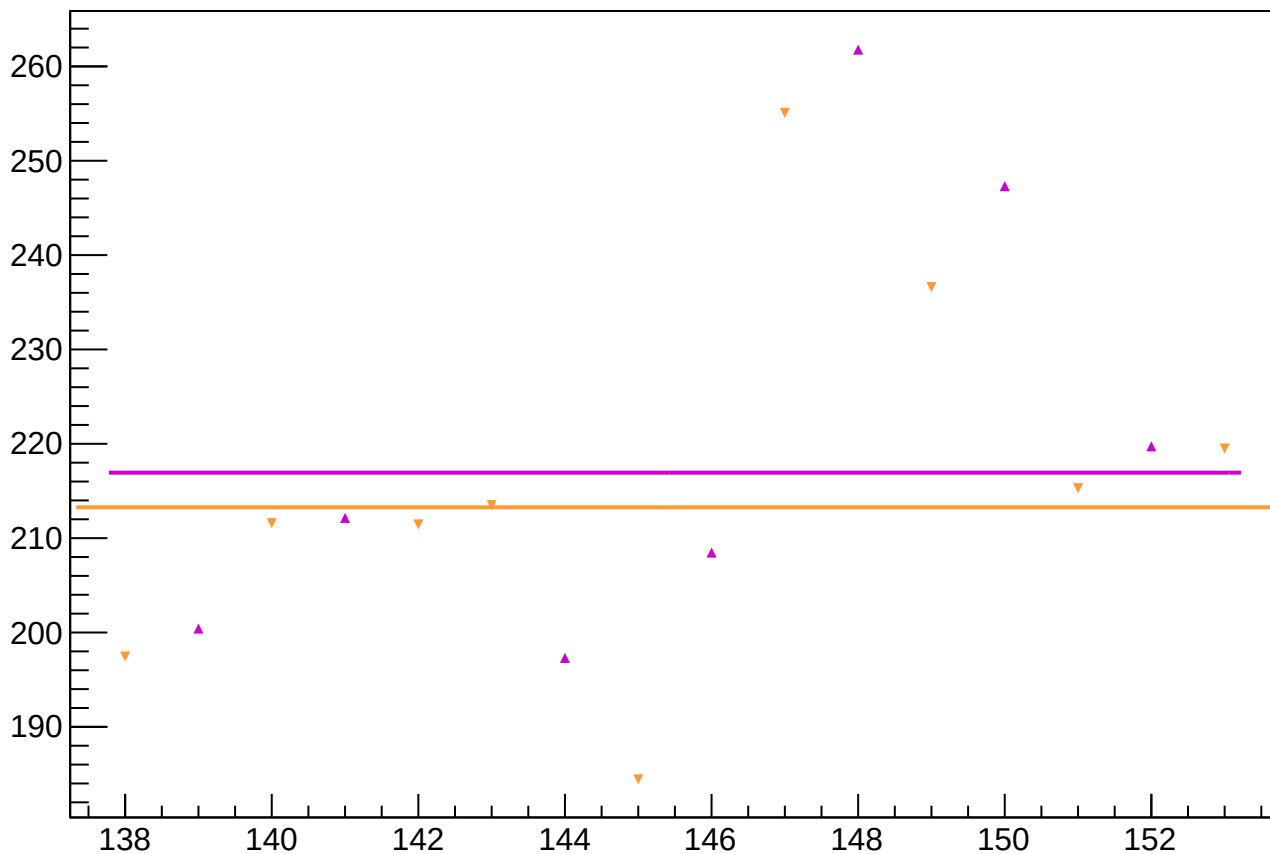
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -314.570 ± 90.428 $\chi^2/\text{NDF}: 3.7/6$

Out: -148.017 ± 83.636 $\chi^2/\text{NDF}: 12.0/8$

All: -224.804 ± 61.401 $\chi^2/\text{NDF}: 17.6/15$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 213.271+/-0.059 χ^2/NDF :105064.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 216.942+/-0.064 χ^2/NDF :105166.7/6

Left: 214.964+/-0.043 χ^2/NDF : 212007.7/15

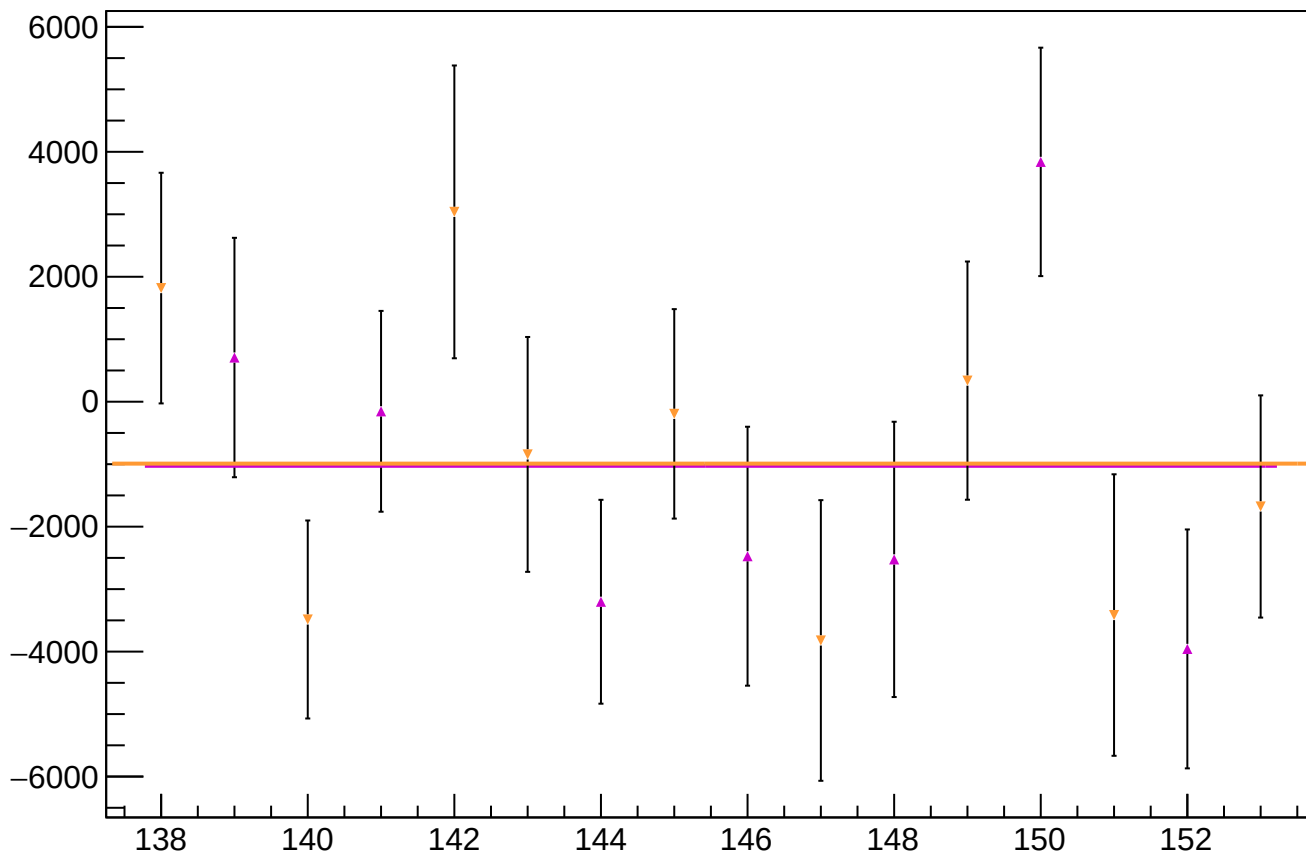
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.942+/-0.064 χ^2/NDF :105166.7/6

Out: 213.271+/-0.059 χ^2/NDF :105064.9/8

All: 214.964+/-0.043 χ^2/NDF : 212007.7/15

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -991.042+/-632.574 χ^2/NDF :11.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1025.650+/-699.011 χ^2/NDF :13.3/6

Left: -1006.624+/-469.031 χ^2/NDF : 24.6/15

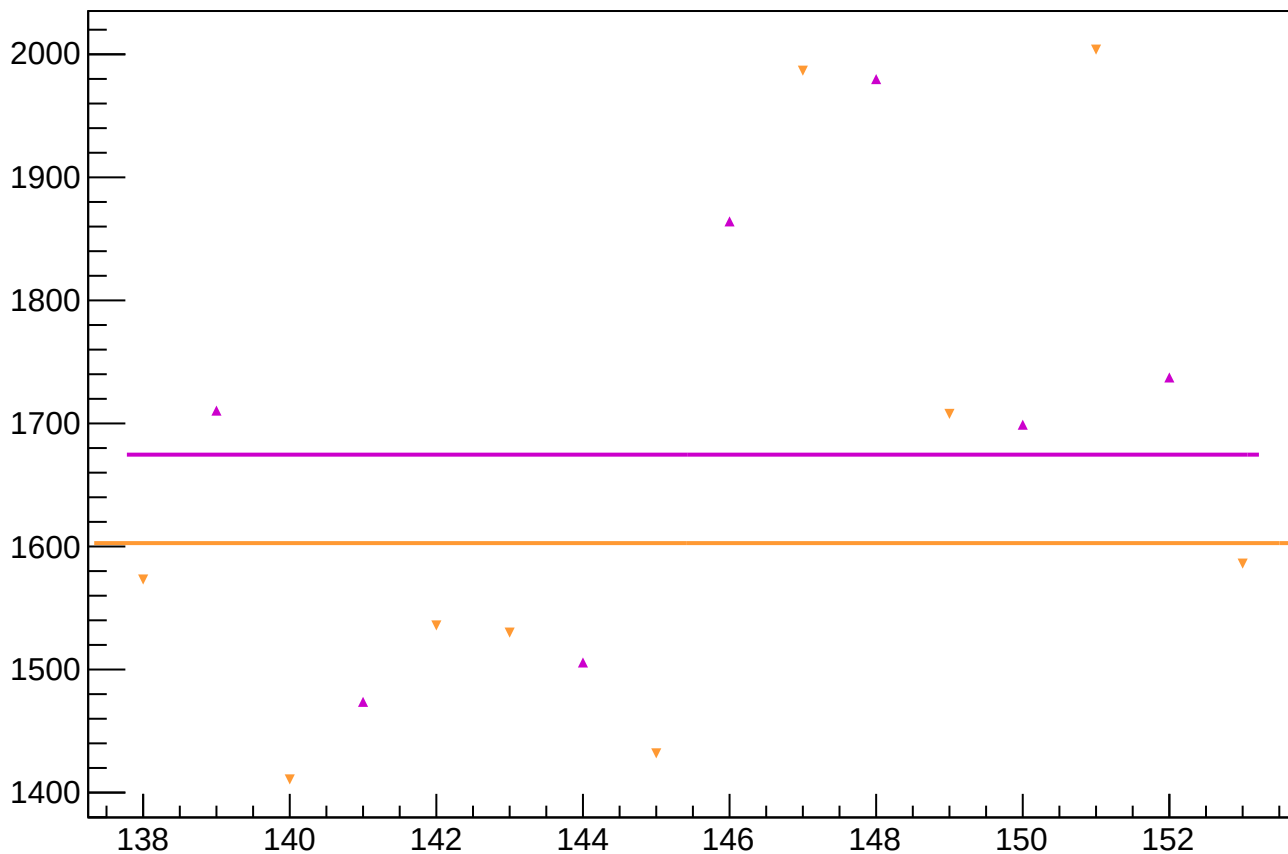
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1025.650+/-699.011 χ^2/NDF :13.3/6

Out: -991.042+/-632.574 χ^2/NDF :11.4/8

All: -1006.624+/-469.031 χ^2/NDF : 24.6/15

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1602.746+/-0.447 χ^2/NDF :183350.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1674.640+/-0.494 χ^2/NDF :111004.4/6

Left: 1635.115+/-0.332 χ^2/NDF : 305986.4/15

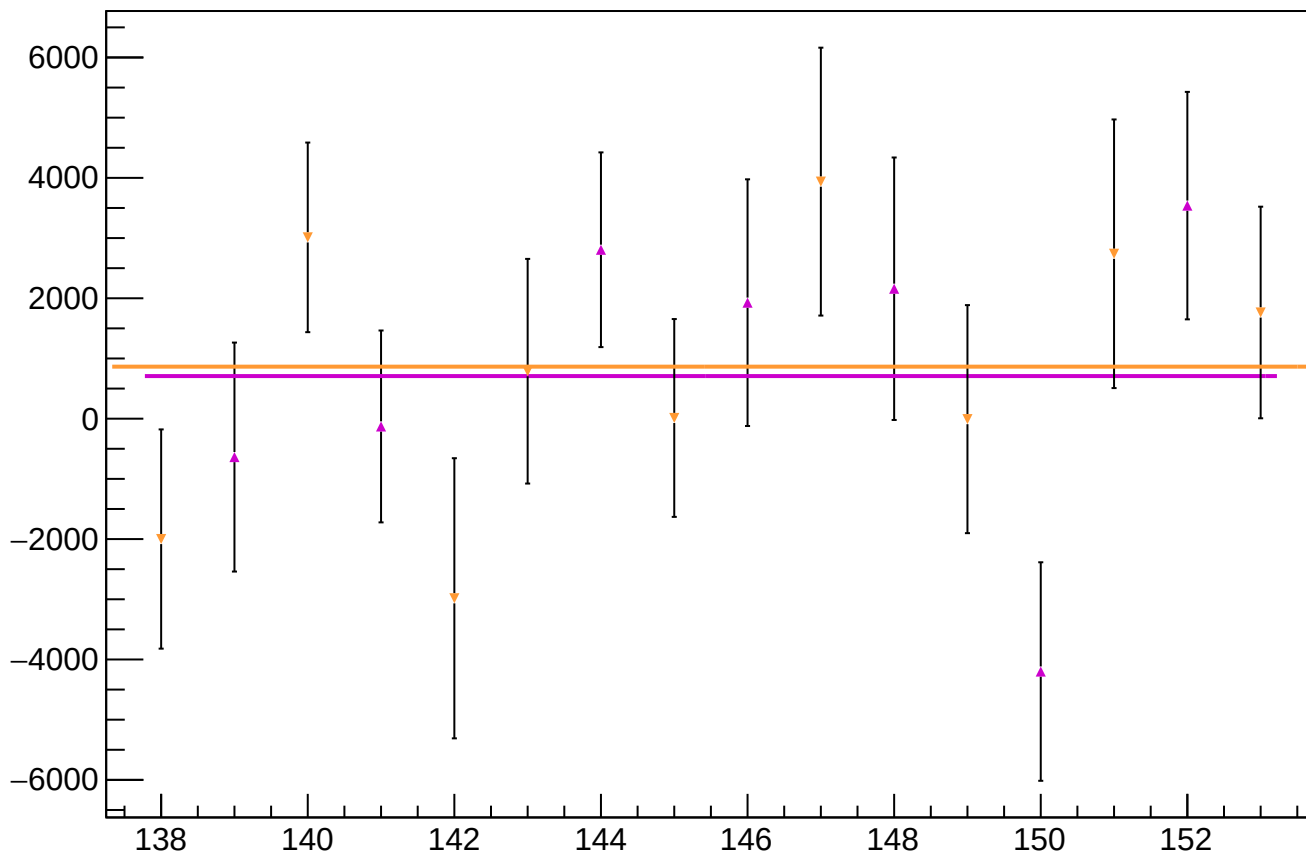
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1674.640+/-0.494 χ^2/NDF :111004.4/6

Out: 1602.746+/-0.447 χ^2/NDF :183350.7/8

All: 1635.115+/-0.332 χ^2/NDF : 305986.4/15

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 864.177+/-625.914 χ^2/NDF :10.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 707.665+/-692.539 χ^2/NDF :12.8/6

Left: 793.810+/-464.361 χ^2/NDF : 23.3/15

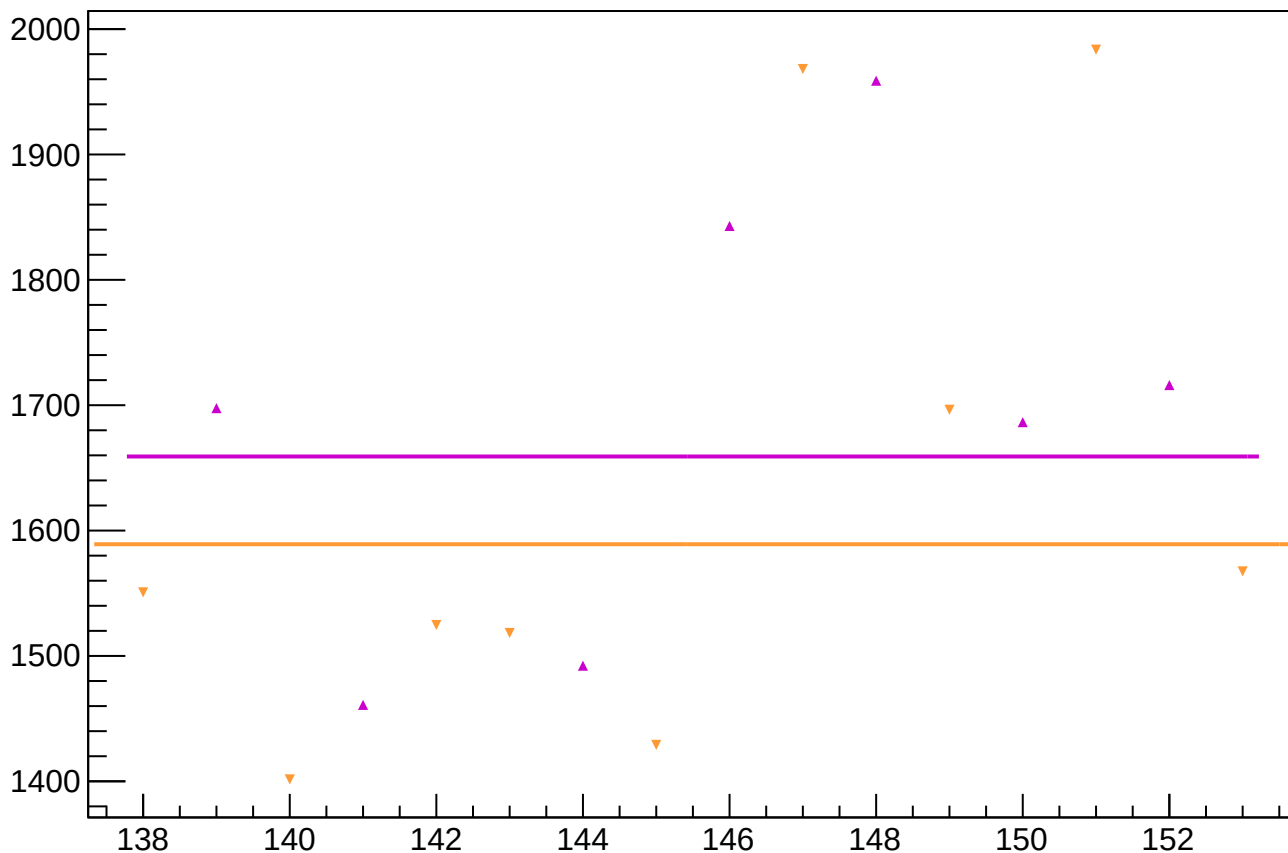
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.665+/-692.539 χ^2/NDF :12.8/6

Out: 864.177+/-625.914 χ^2/NDF :10.4/8

All: 793.810+/-464.361 χ^2/NDF : 23.3/15

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1589.096+/-0.443 χ^2/NDF :179955.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1659.099+/-0.490 χ^2/NDF :109225.3/6

Left: 1620.569+/-0.328 χ^2/NDF : 300428.5/15

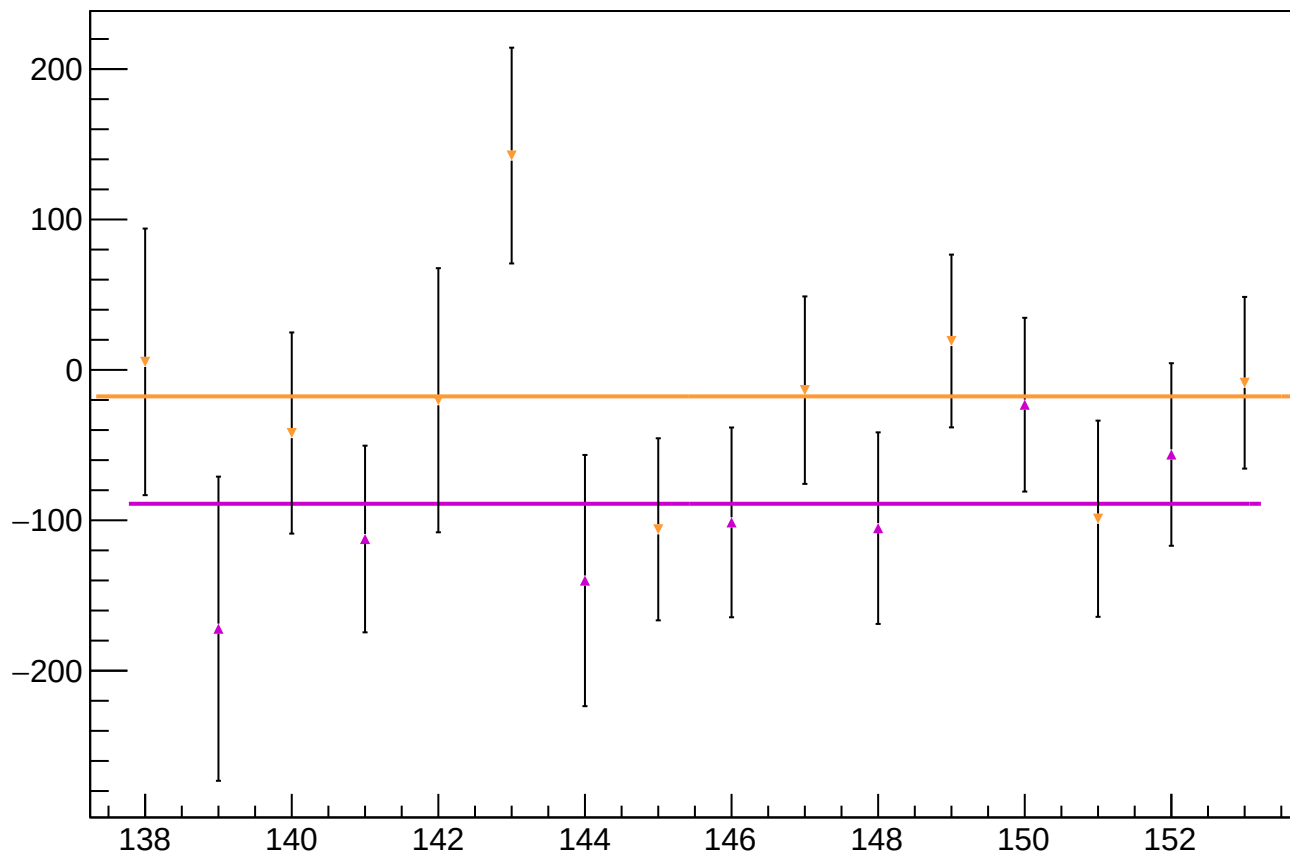
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1659.099+/-0.490 χ^2/NDF :109225.3/6

Out: 1589.096+/-0.443 χ^2/NDF :179955.8/8

All: 1620.569+/-0.328 χ^2/NDF : 300428.5/15

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -17.606 ± 22.084 χ^2/NDF : 9.3/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -89.010 ± 25.239 χ^2/NDF : 2.9/6

Left: -48.568 ± 16.620 χ^2/NDF : 16.7/15

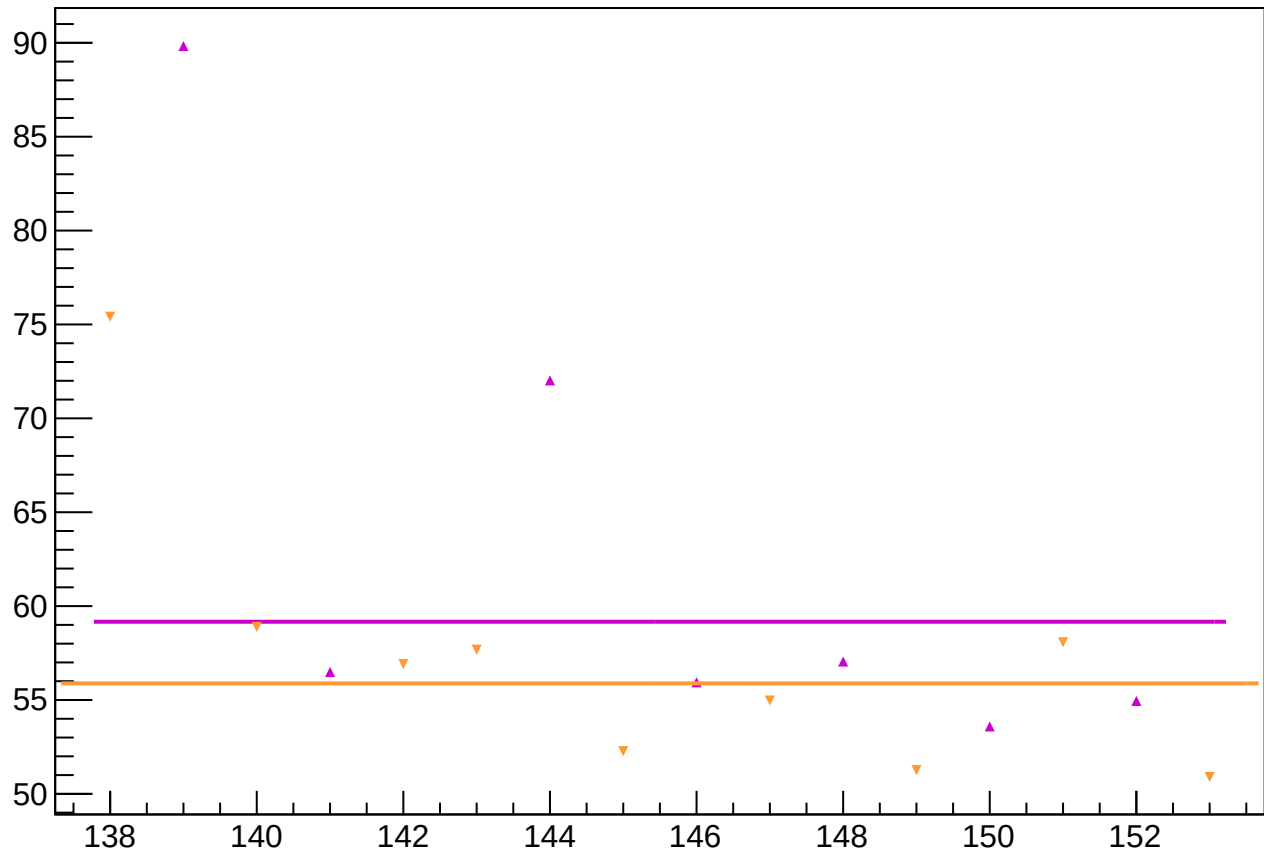
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -89.010 ± 25.239 χ^2/NDF : 2.9/6

Out: -17.606 ± 22.084 χ^2/NDF : 9.3/8

All: -48.568 ± 16.620 χ^2/NDF : 16.7/15

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 55.885+/-0.016 χ^2/NDF :140674.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.167+/-0.018 χ^2/NDF :270740.3/6

Left: 57.308+/-0.012 χ^2/NDF : 430571.1/15

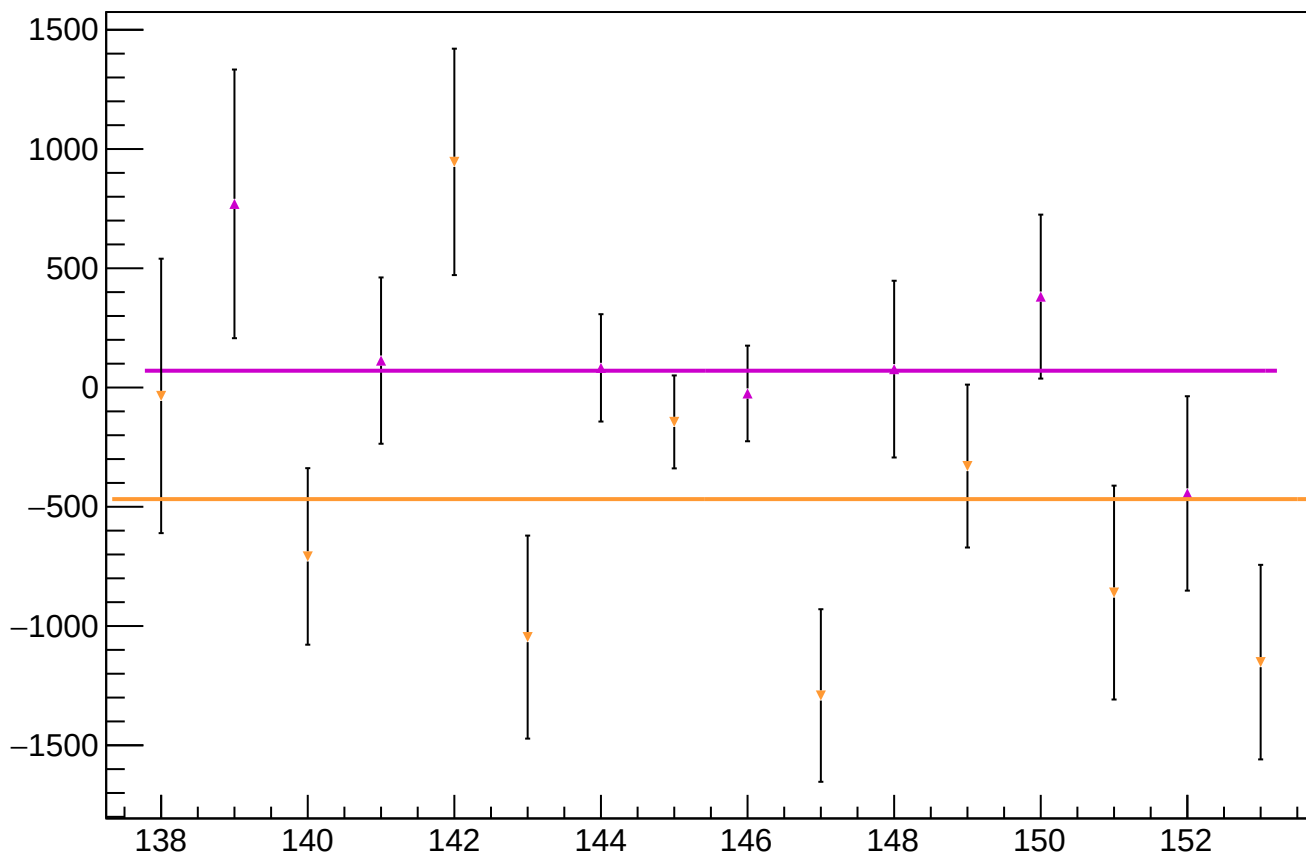
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.167+/-0.018 χ^2/NDF :270740.3/6

Out: 55.885+/-0.016 χ^2/NDF :140674.6/8

All: 57.308+/-0.012 χ^2/NDF : 430571.1/15

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -467.858+/-116.394 χ^2/NDF :23.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 70.480+/-113.397 χ^2/NDF :4.2/6

Left: -191.671+/-81.223 χ^2/NDF : 38.6/15

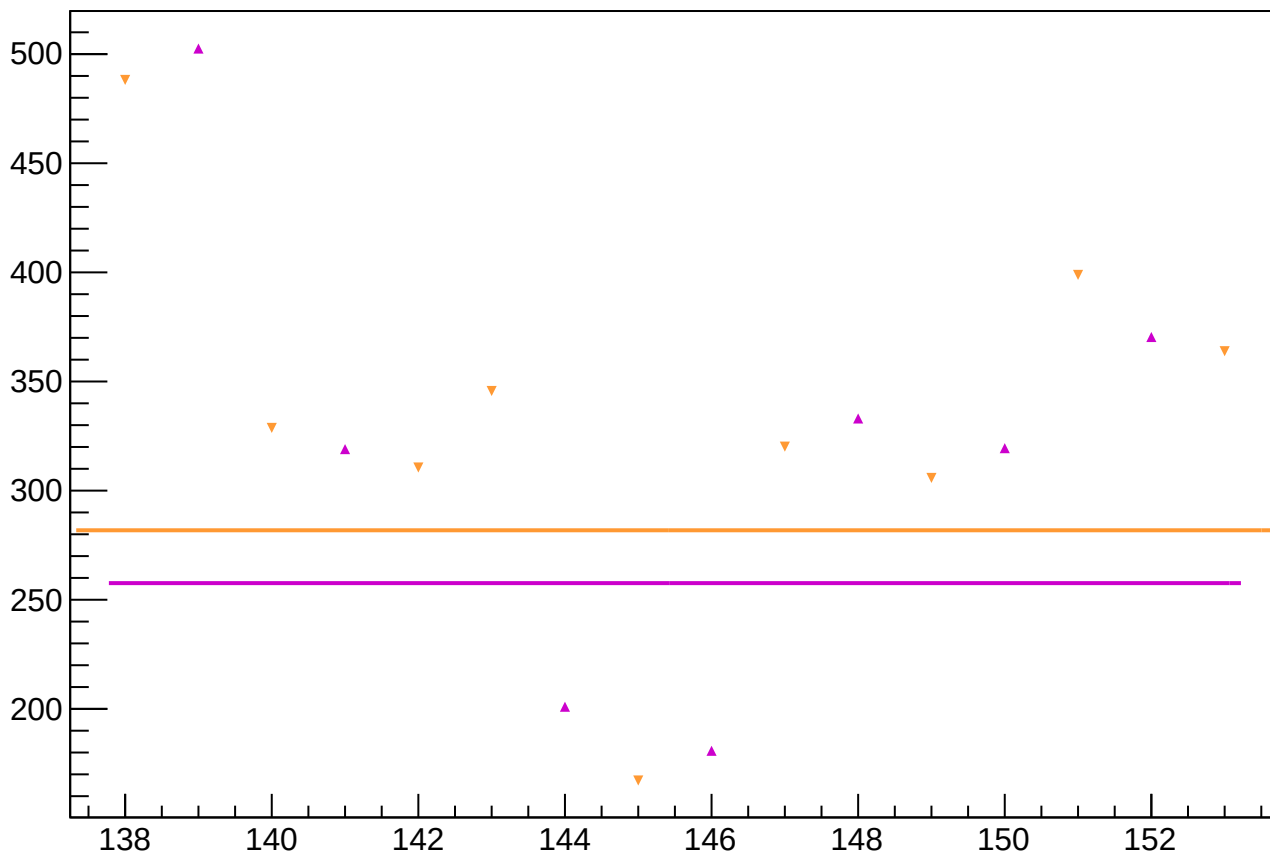
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.480+/-113.397 χ^2/NDF :4.2/6

Out: -467.858+/-116.394 χ^2/NDF :23.4/8

All: -191.671+/-81.223 χ^2/NDF : 38.6/15

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 281.829+/-0.082 χ^2/NDF :1283445.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 257.619+/-0.080 χ^2/NDF :1161251.8/6

Left: 269.409+/-0.057 χ^2/NDF : 2489091.5/15

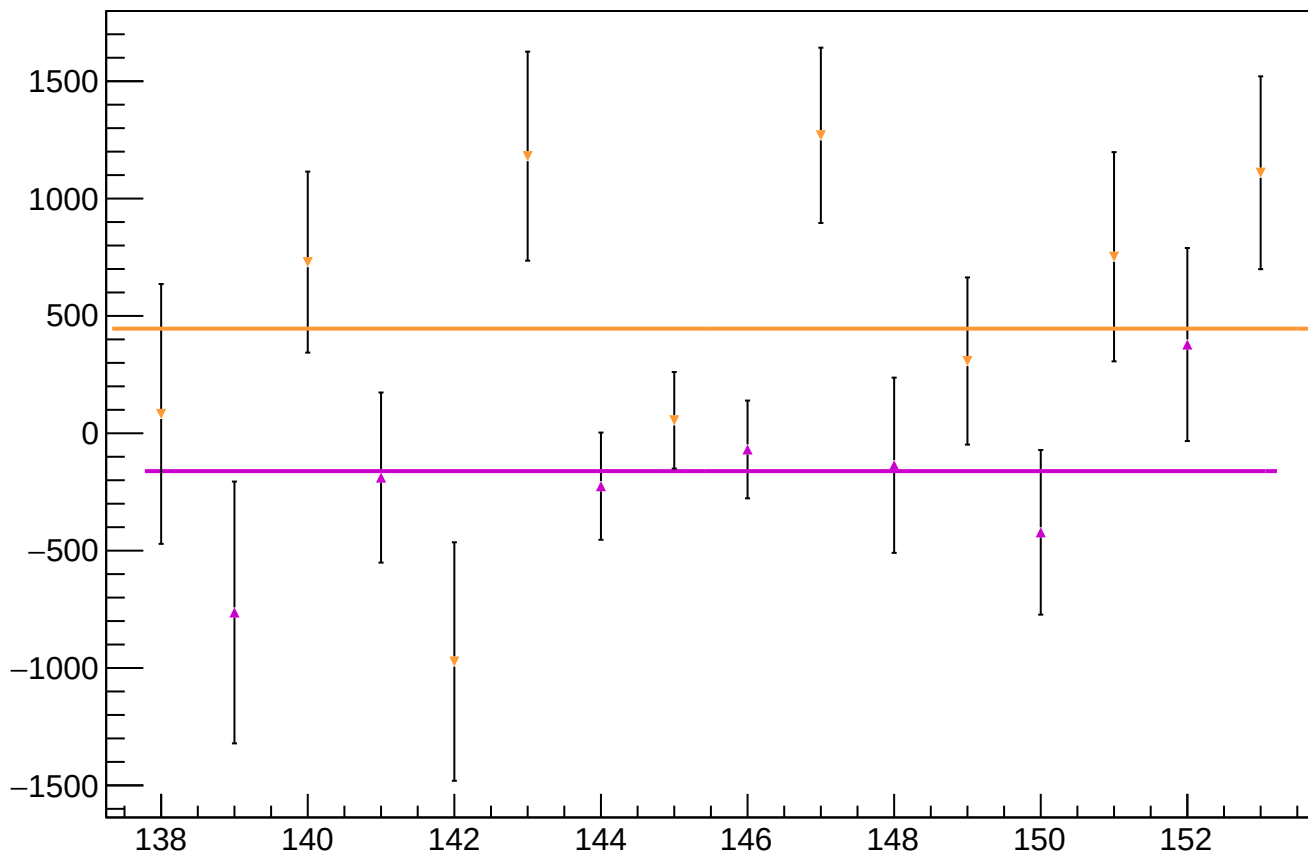
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.619+/-0.080 χ^2/NDF :1161251.8/6

Out: 281.829+/-0.082 χ^2/NDF :1283445.5/8

All: 269.409+/-0.057 χ^2/NDF : 2489091.5/15

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 445.800+/-120.770 χ^2/NDF :23.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -161.142+/-116.036 χ^2/NDF :3.7/6

Left: 130.200+/-83.673 χ^2/NDF : 40.1/15

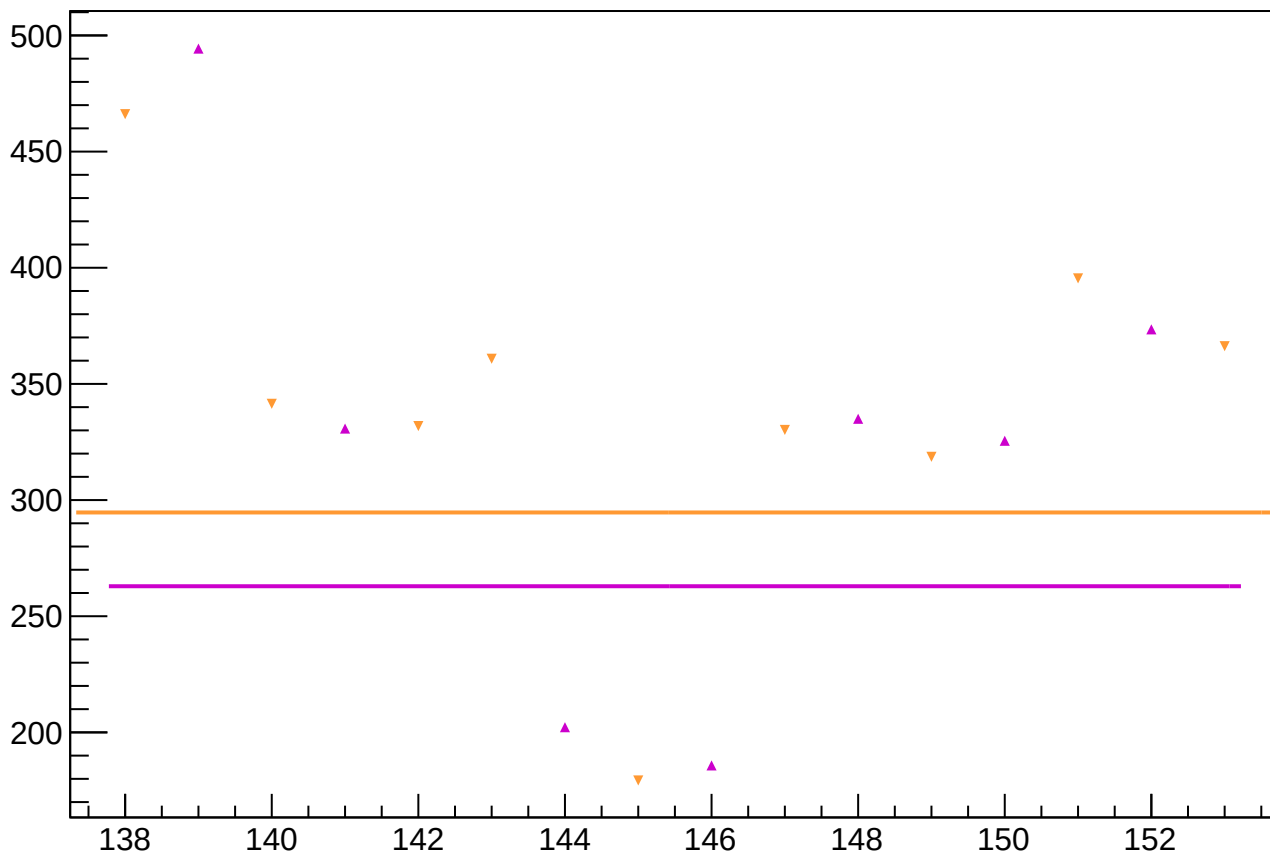
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -161.142+/-116.036 χ^2/NDF :3.7/6

Out: 445.800+/-120.770 χ^2/NDF :23.2/8

All: 130.200+/-83.673 χ^2/NDF : 40.1/15

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 294.666+/-0.085 χ^2/NDF :1095448.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 262.911+/-0.082 χ^2/NDF :1112901.5/6

Left: 278.154+/-0.059 χ^2/NDF : 2280248.4/15

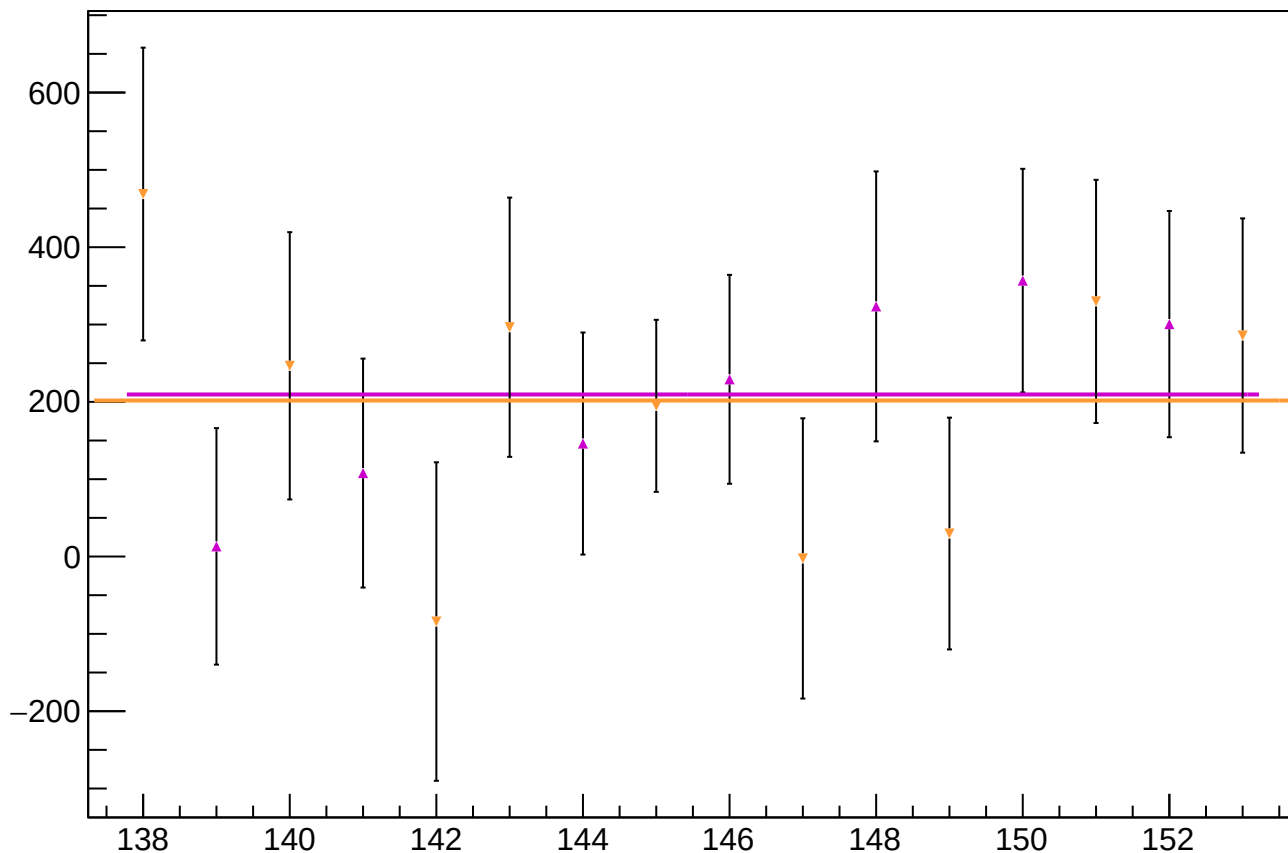
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 262.911+/-0.082 χ^2/NDF :1112901.5/6

Out: 294.666+/-0.085 χ^2/NDF :1095448.2/8

All: 278.154+/-0.059 χ^2/NDF : 2280248.4/15

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.735+/-52.677 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 209.556+/-55.980 χ^2/NDF : 4.2/6

Left: 205.408+/-38.363 χ^2/NDF : 12.1/15

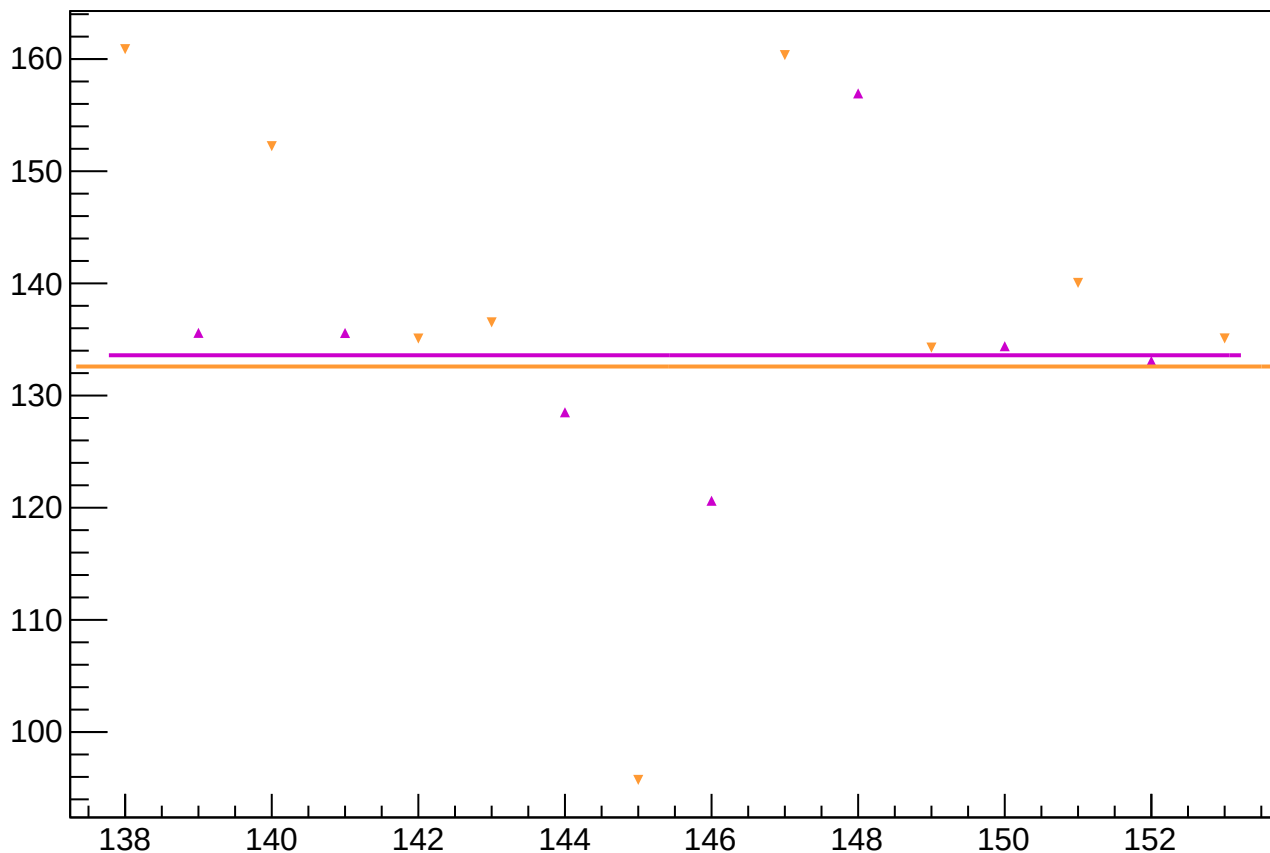
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.556+/-55.980 χ^2/NDF : 4.2/6

Out: 201.735+/-52.677 χ^2/NDF : 7.9/8

All: 205.408+/-38.363 χ^2/NDF : 12.1/15

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.589+/-0.037 χ^2/NDF : 343635.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.592+/-0.040 χ^2/NDF : 57516.0/6

Left: 133.060+/-0.027 χ^2/NDF : 401492.1/15

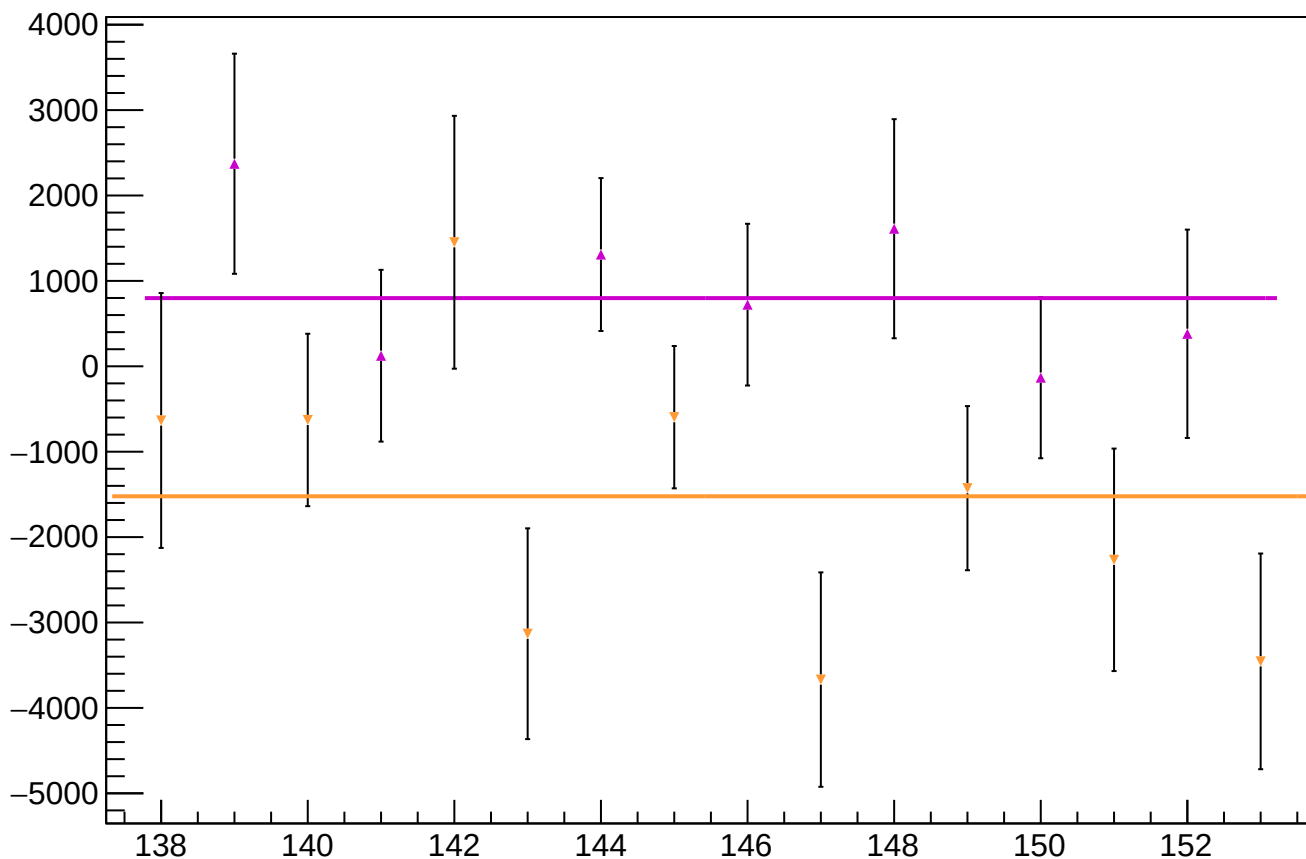
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.592+/-0.040 χ^2/NDF : 57516.0/6

Out: 132.589+/-0.037 χ^2/NDF : 343635.6/8

All: 133.060+/-0.027 χ^2/NDF : 401492.1/15

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1521.988+/-380.229 χ^2/NDF :13.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 798.446+/-396.637 χ^2/NDF :3.8/6

Left: -410.760+/-274.480 χ^2/NDF : 35.3/15

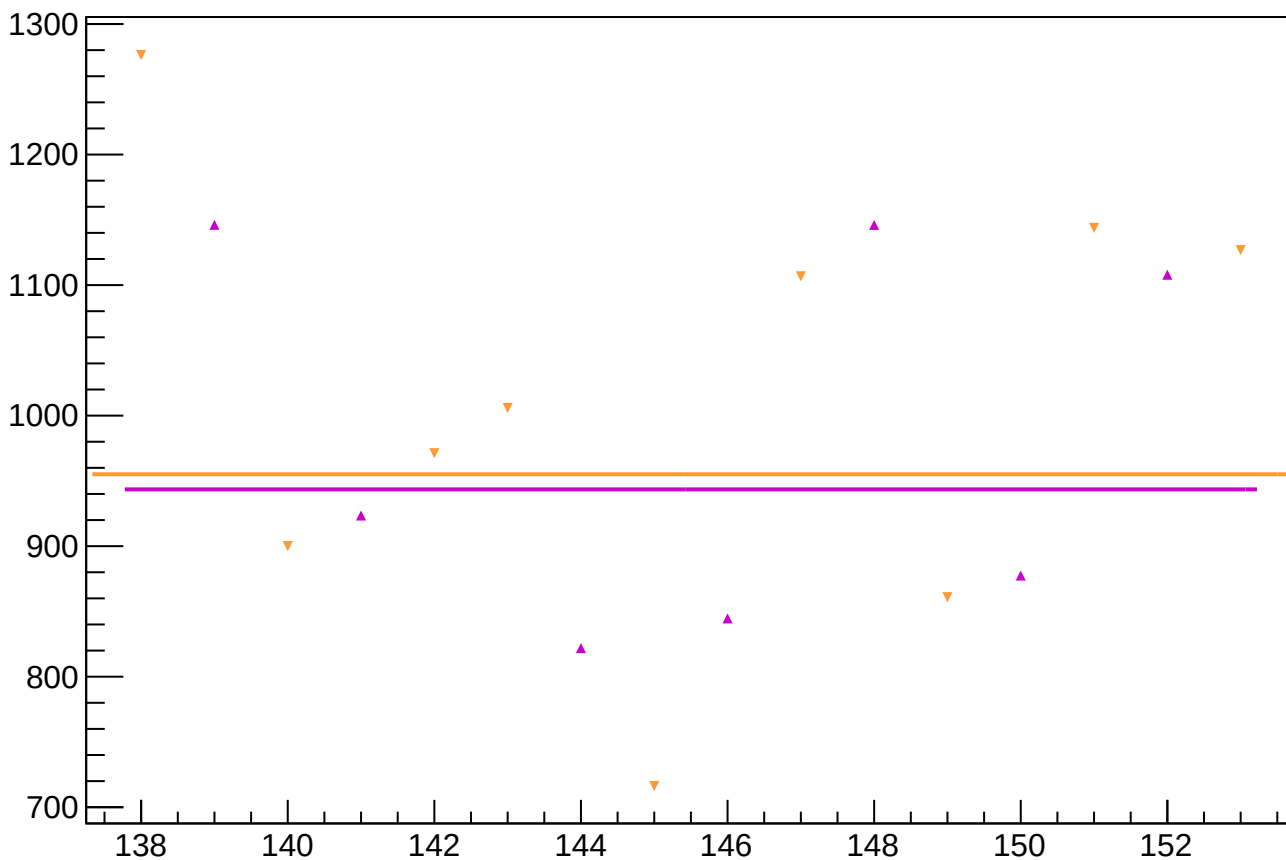
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 798.446+/-396.637 χ^2/NDF :3.8/6

Out: -1521.988+/-380.229 χ^2/NDF :13.7/8

All: -410.760+/-274.480 χ^2/NDF : 35.3/15

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 955.097+/-0.269 χ^2/NDF :393795.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 943.489+/-0.280 χ^2/NDF :204956.1/6

Left: 949.538+/-0.194 χ^2/NDF : 599644.6/15

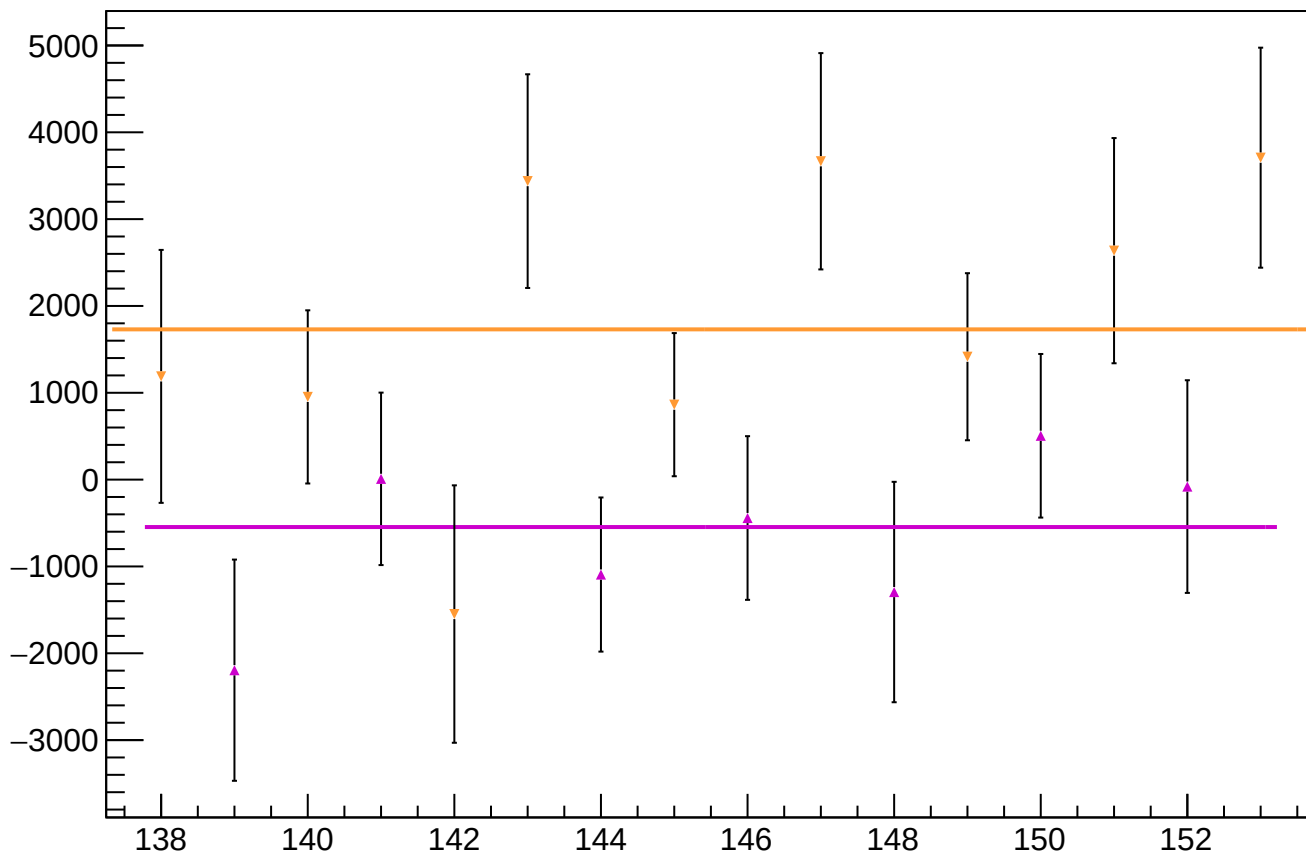
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 943.489+/-0.280 χ^2/NDF :204956.1/6

Out: 955.097+/-0.269 χ^2/NDF :393795.8/8

All: 949.538+/-0.194 χ^2/NDF : 599644.6/15

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1730.390+/-377.796 χ^2/NDF :14.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -546.226+/-394.071 χ^2/NDF :4.1/6

Left: 640.062+/-272.714 χ^2/NDF : 35.6/15

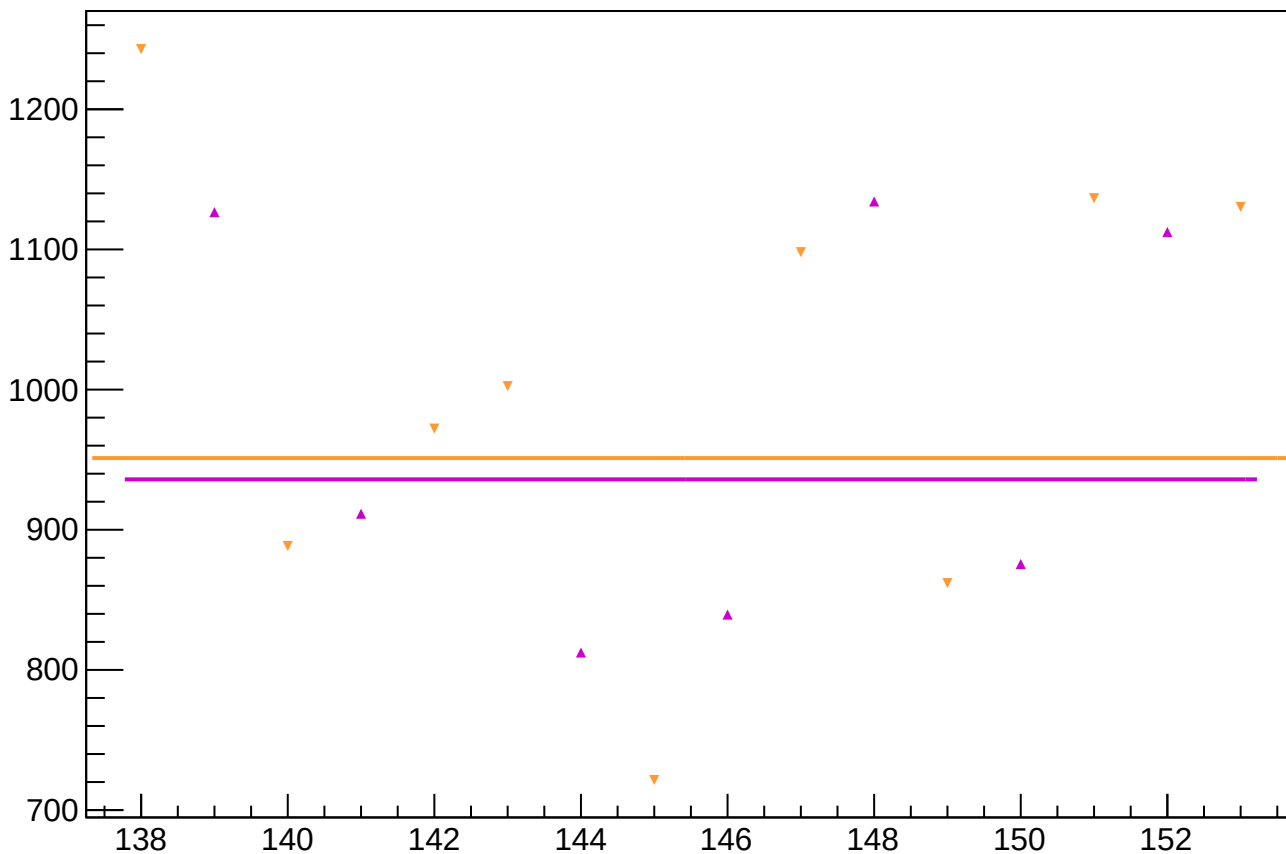
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -546.226+/-394.071 χ^2/NDF :4.1/6

Out: 1730.390+/-377.796 χ^2/NDF :14.1/8

All: 640.062+/-272.714 χ^2/NDF : 35.6/15

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 951.154+/-0.267 χ^2/NDF :373201.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 935.951+/-0.279 χ^2/NDF :204267.9/6

Left: 943.873+/-0.193 χ^2/NDF : 579020.7/15

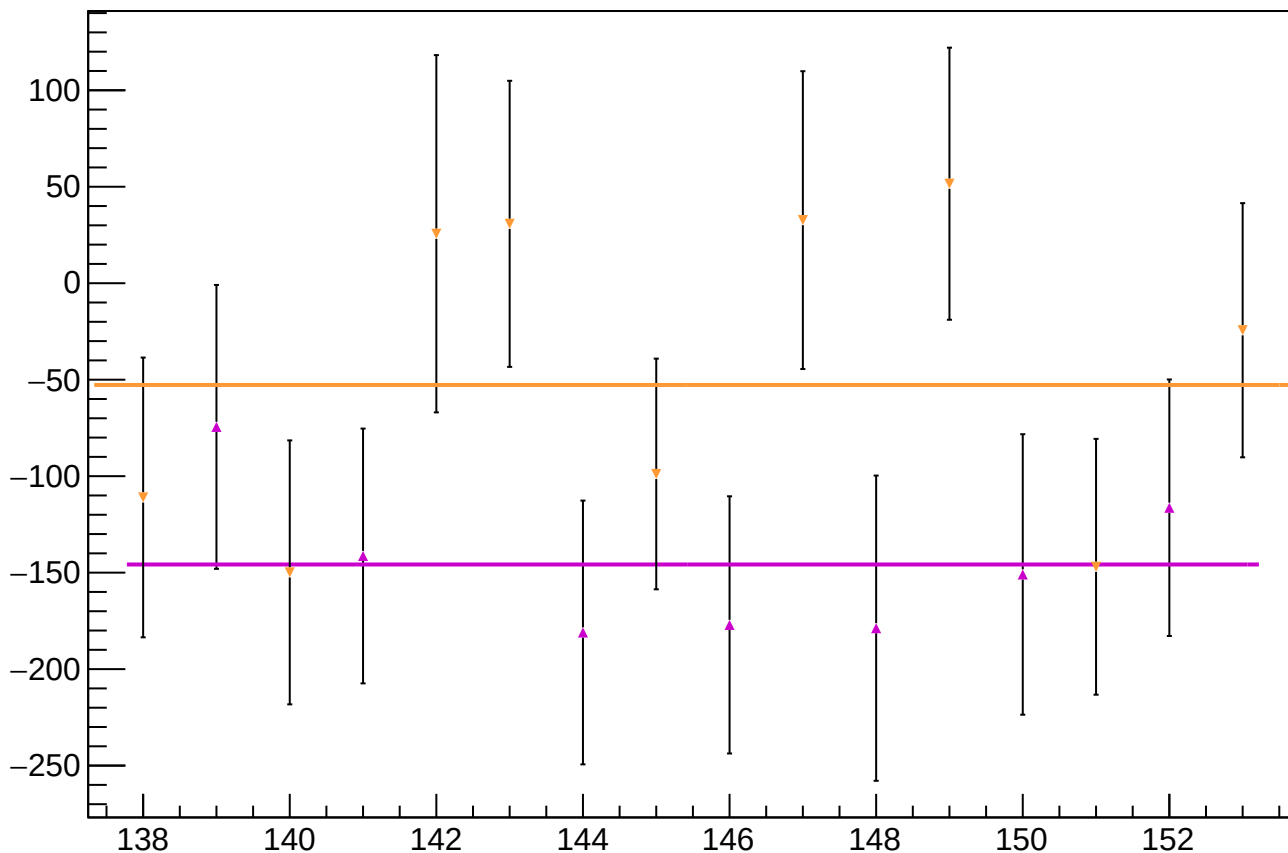
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 935.951+/-0.279 χ^2/NDF :204267.9/6

Out: 951.154+/-0.267 χ^2/NDF :373201.9/8

All: 943.873+/-0.193 χ^2/NDF : 579020.7/15

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.731+/-23.508 χ^2/NDF :10.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -145.771+/-26.456 χ^2/NDF :1.8/6

Left: -93.780+/-17.573 χ^2/NDF : 19.6/15

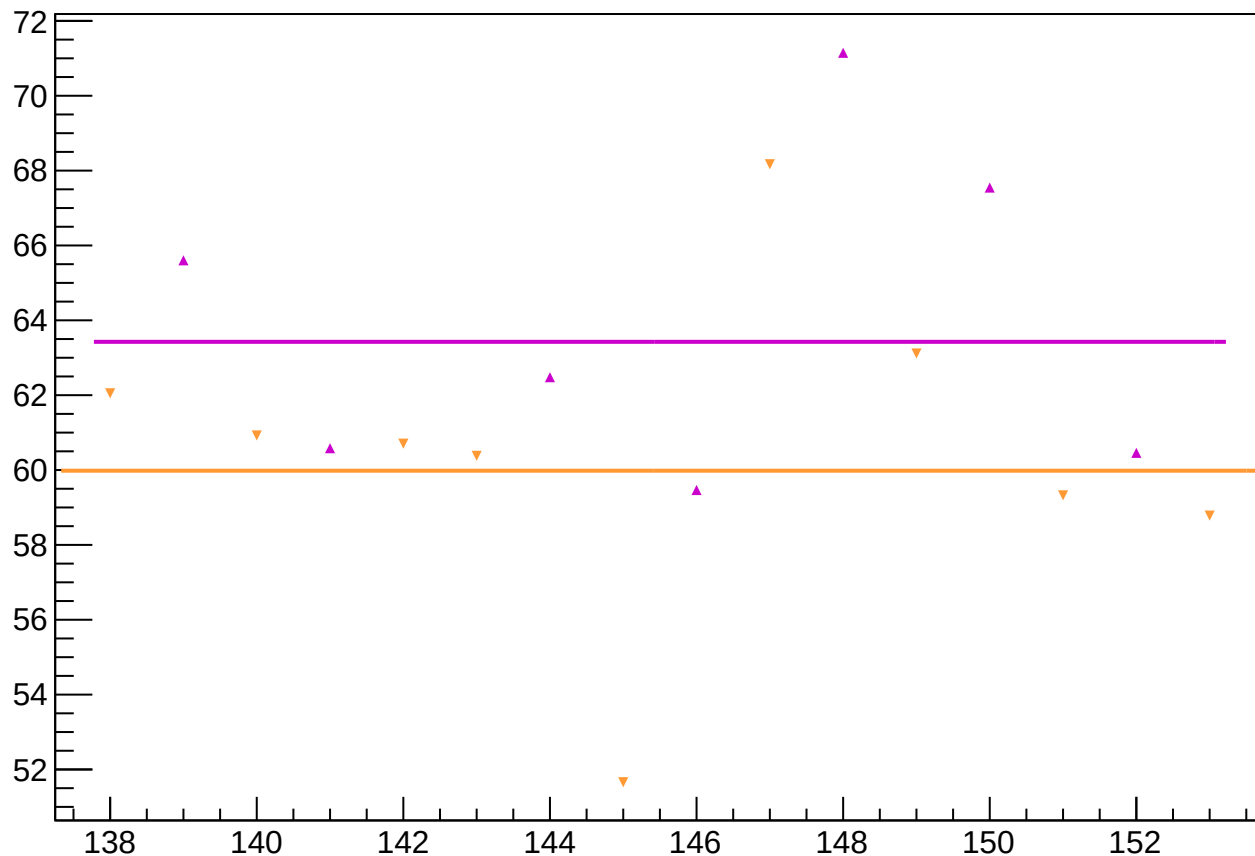
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -145.771+/-26.456 χ^2/NDF :1.8/6

Out: -52.731+/-23.508 χ^2/NDF :10.9/8

All: -93.780+/-17.573 χ^2/NDF : 19.6/15

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 59.982+/-0.017 χ^2/NDF : 68275.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 63.426+/-0.019 χ^2/NDF : 42378.8/6

Left: 61.502+/-0.012 χ^2/NDF : 129585.6/15

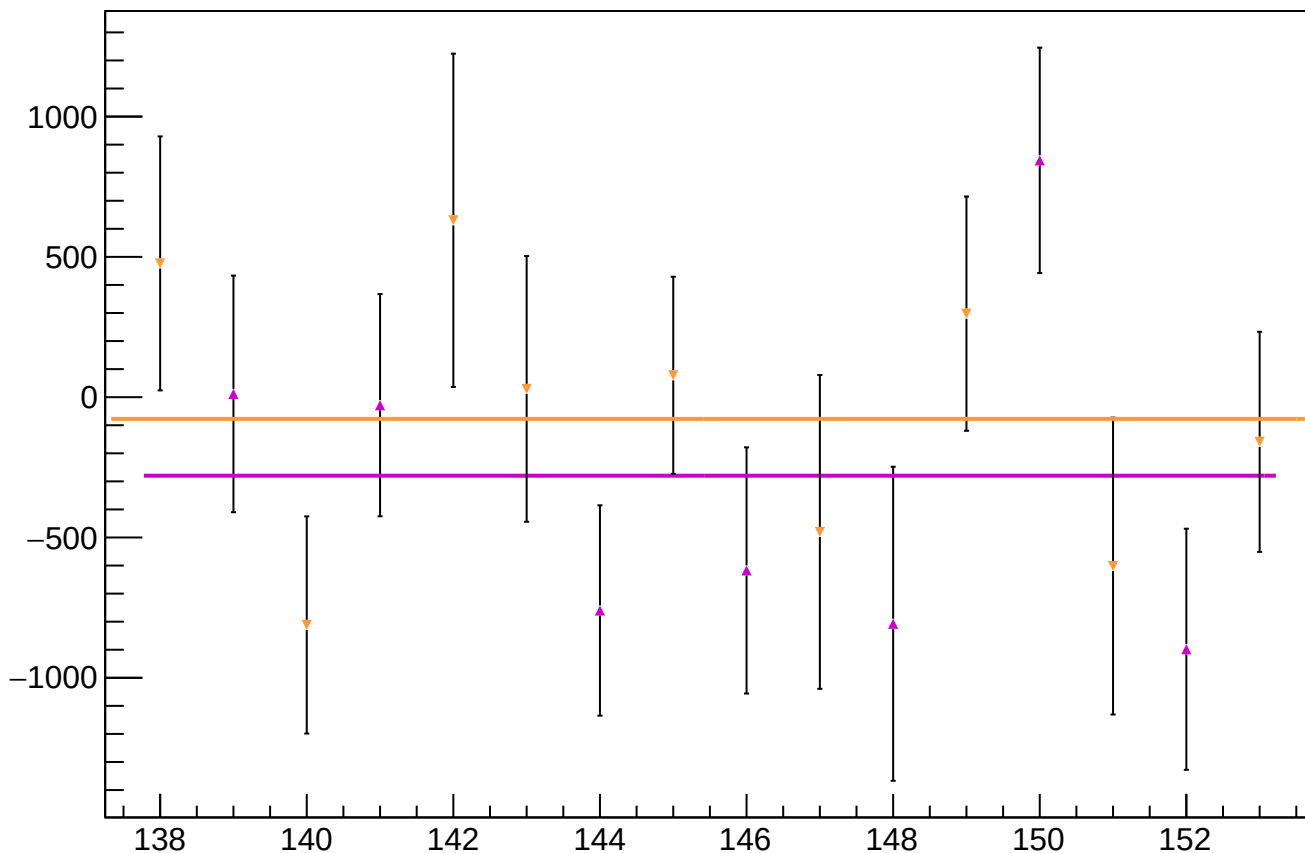
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.426+/-0.019 χ^2/NDF : 42378.8/6

Out: 59.982+/-0.017 χ^2/NDF : 68275.6/8

All: 61.502+/-0.012 χ^2/NDF : 129585.6/15

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.304+/-147.488 χ^2/NDF : 9.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -279.814+/-159.855 χ^2/NDF : 13.9/6

Left: -170.423+/-108.398 χ^2/NDF : 23.9/15

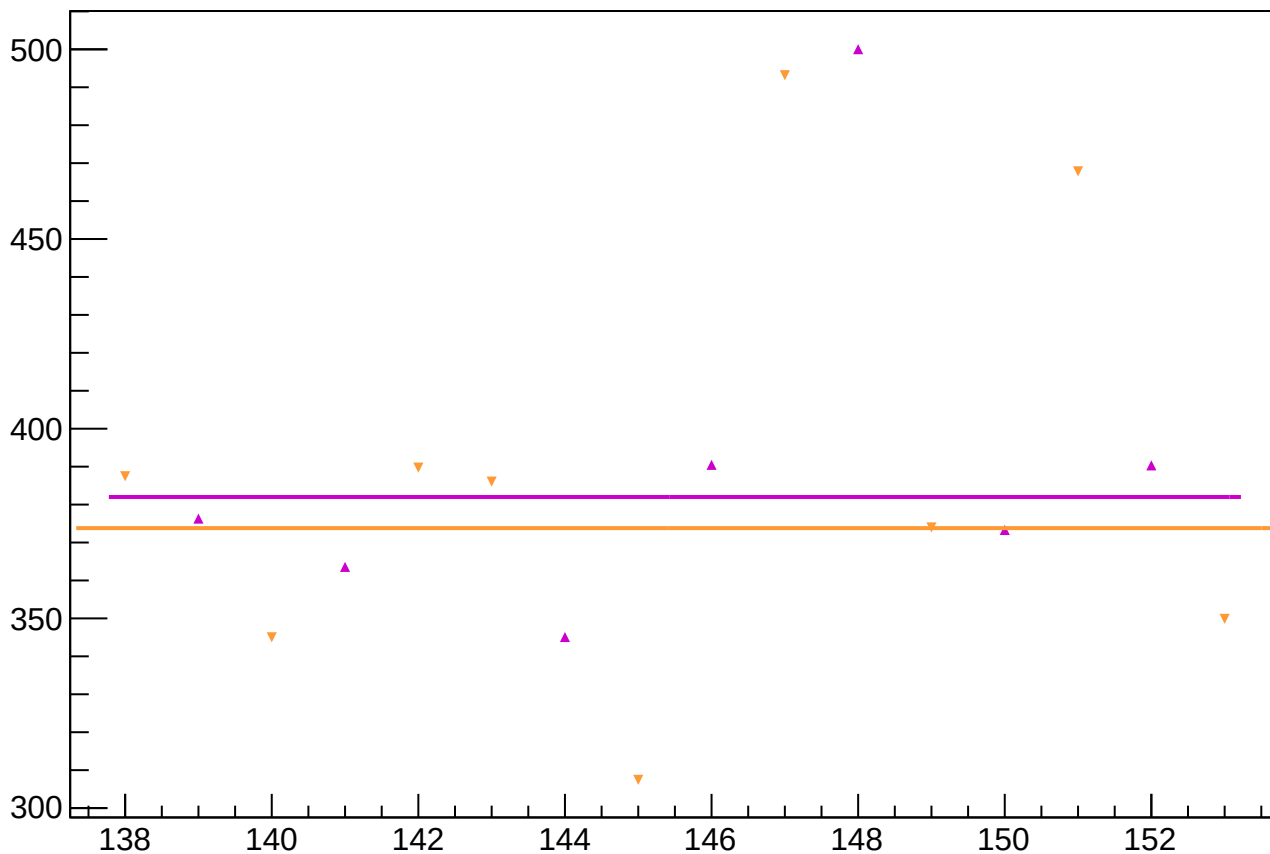
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -279.814+/-159.855 χ^2/NDF : 13.9/6

Out: -77.304+/-147.488 χ^2/NDF : 9.1/8

All: -170.423+/-108.398 χ^2/NDF : 23.9/15

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 373.797+/-0.104 χ^2/NDF :248816.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 382.001+/-0.113 χ^2/NDF :115510.5/6

Left: 377.570+/-0.077 χ^2/NDF : 367173.3/15

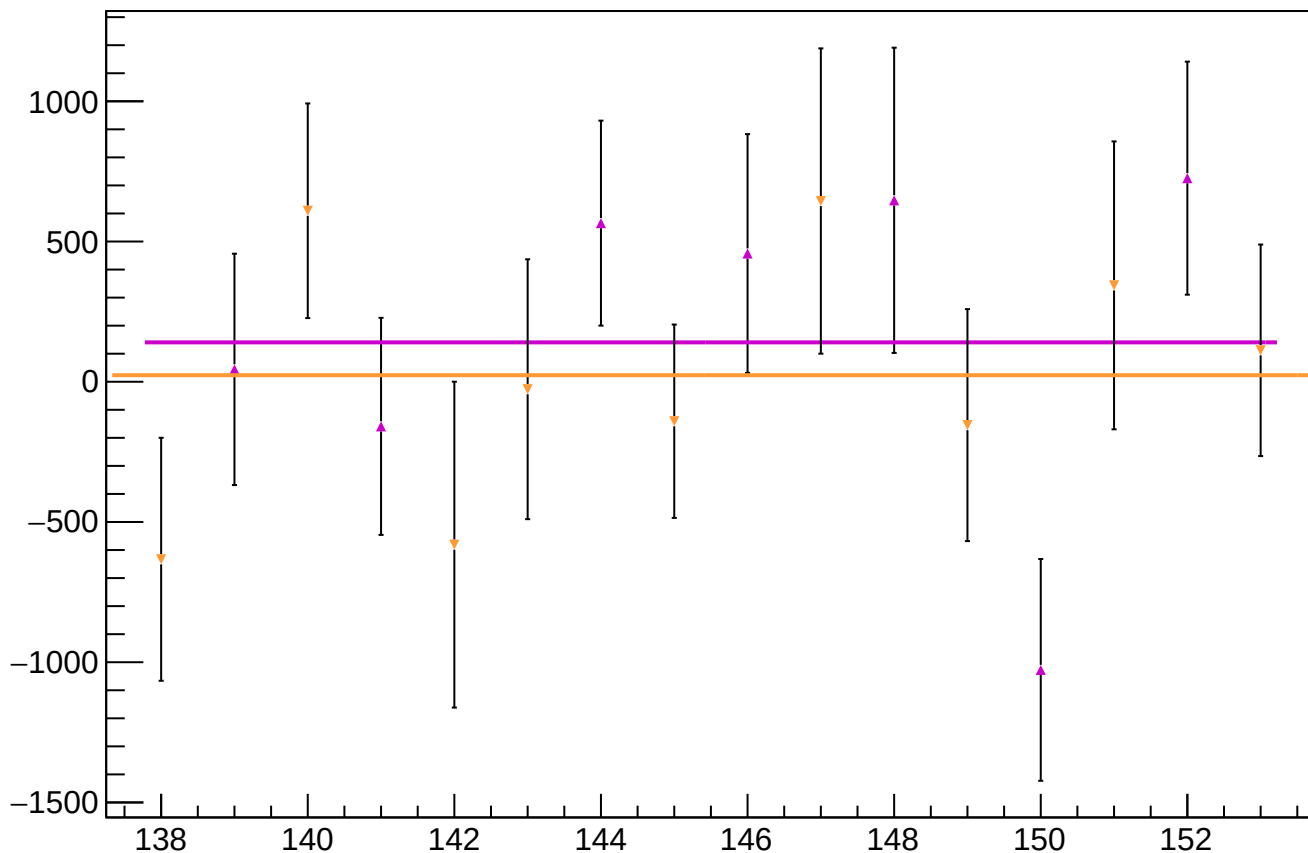
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 382.001+/-0.113 χ^2/NDF :115510.5/6

Out: 373.797+/-0.104 χ^2/NDF :248816.9/8

All: 377.570+/-0.077 χ^2/NDF : 367173.3/15

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.334+/-143.969 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 140.430+/-155.917 χ^2/NDF : 14.1/6

Left: 77.224+/-105.773 χ^2/NDF : 22.3/15

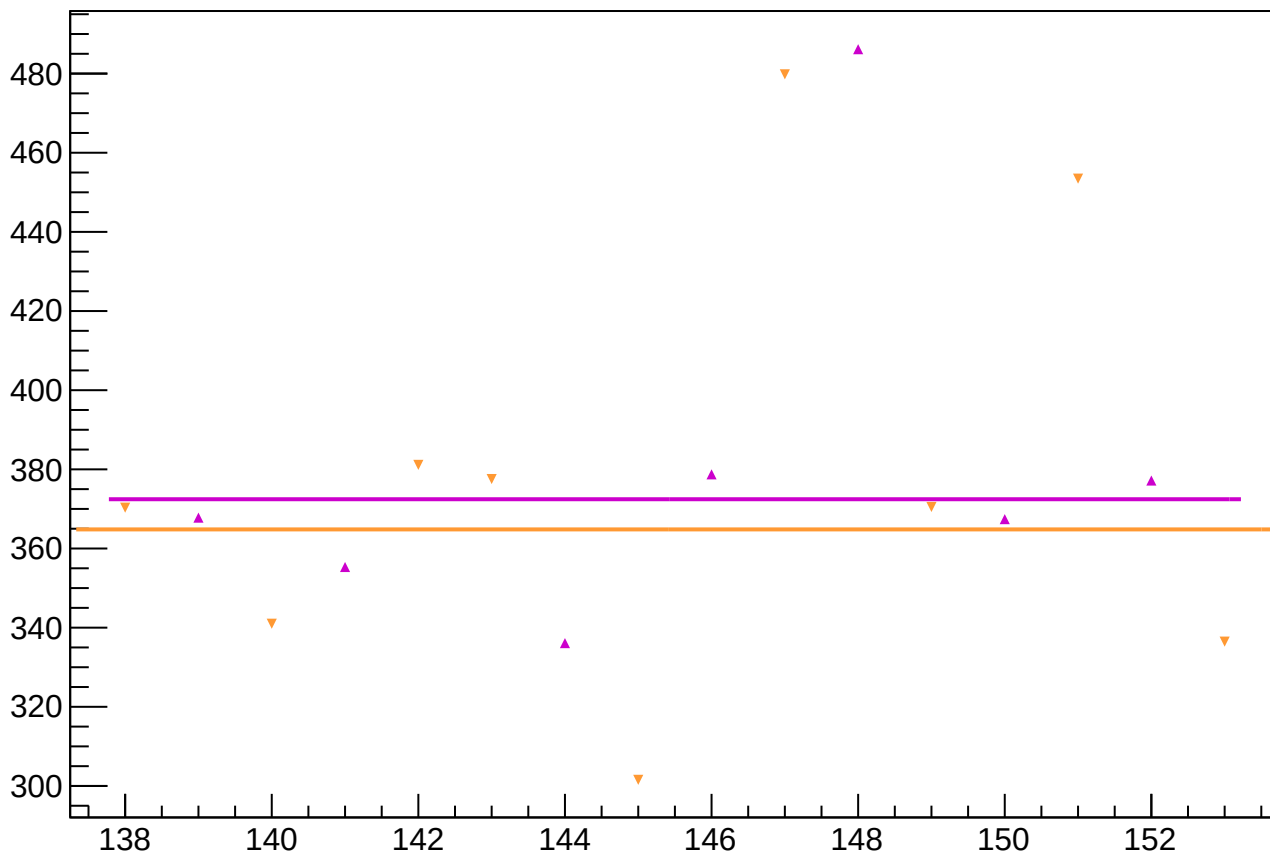
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 140.430+/-155.917 χ^2/NDF : 14.1/6

Out: 23.334+/-143.969 χ^2/NDF : 7.9/8

All: 77.224+/-105.773 χ^2/NDF : 22.3/15

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 364.825+/-0.102 χ^2/NDF :239151.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.449+/-0.110 χ^2/NDF :112311.4/6

Left: 368.334+/-0.075 χ^2/NDF : 354044.5/15

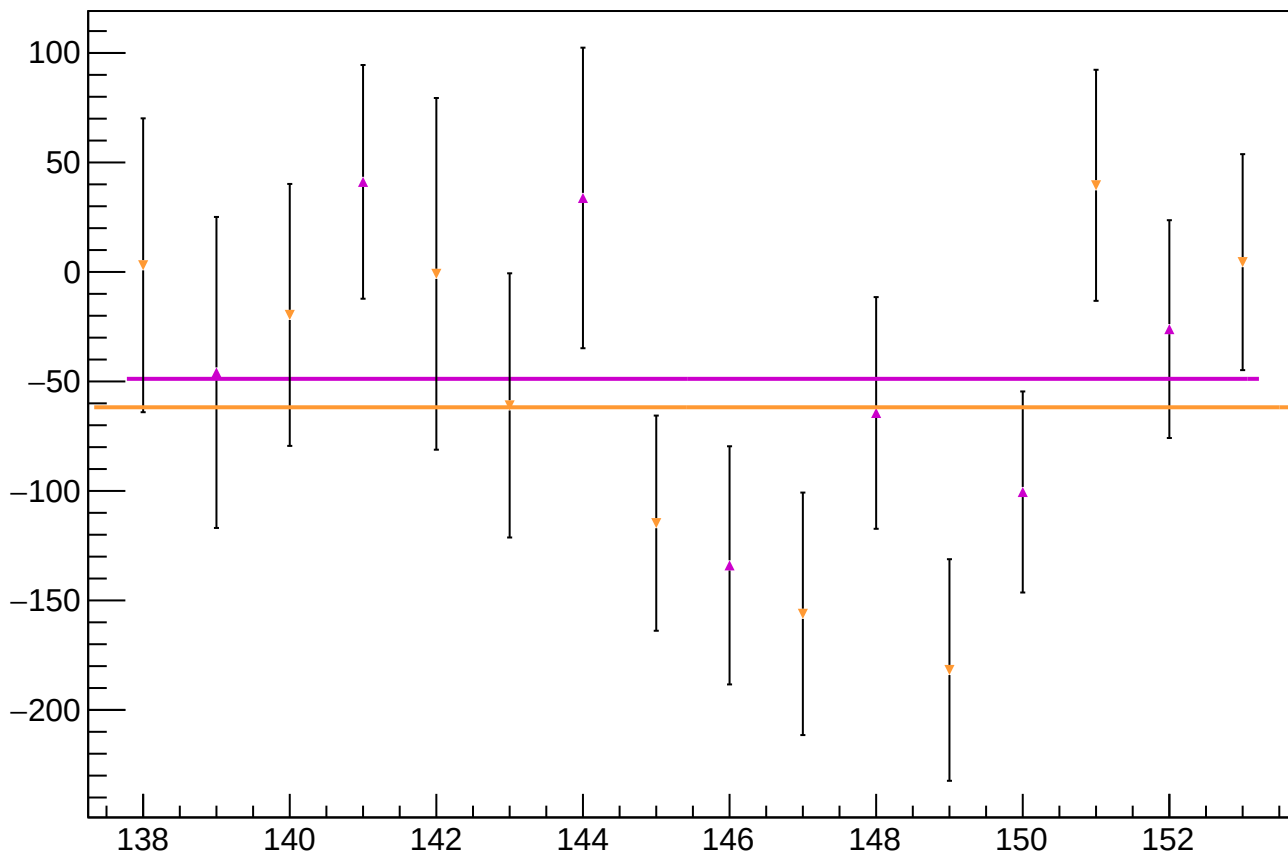
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.449+/-0.110 χ^2/NDF :112311.4/6

Out: 364.825+/-0.102 χ^2/NDF :239151.9/8

All: 368.334+/-0.075 χ^2/NDF : 354044.5/15

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.797+/-18.787 χ^2/NDF :17.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.810+/-20.690 χ^2/NDF :8.3/6

Left: -55.928+/-13.909 χ^2/NDF : 25.7/15

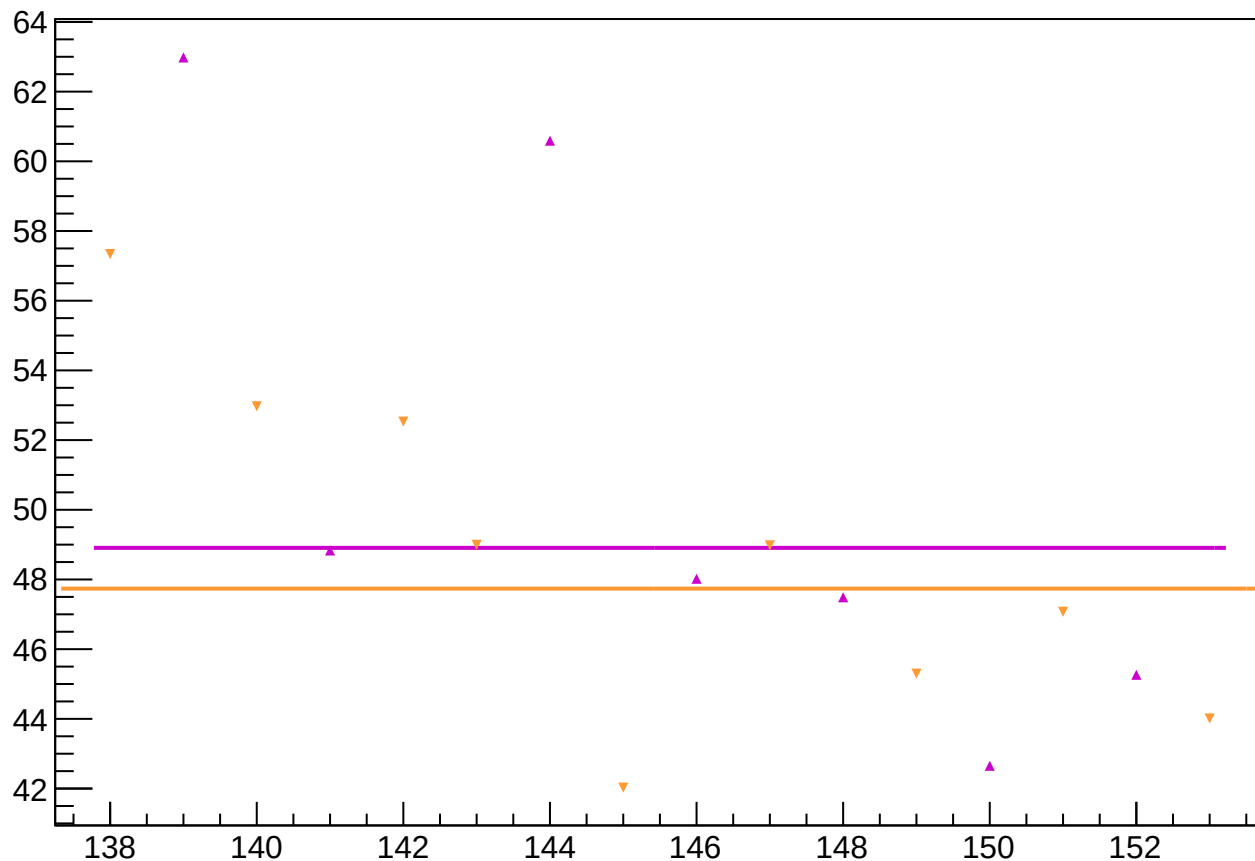
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.810+/-20.690 χ^2/NDF :8.3/6

Out: -61.797+/-18.787 χ^2/NDF :17.2/8

All: -55.928+/-13.909 χ^2/NDF : 25.7/15

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 47.738+/-0.013 χ^2/NDF :108654.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.907+/-0.015 χ^2/NDF :186340.2/6

Left: 48.266+/-0.010 χ^2/NDF : 298499.5/15

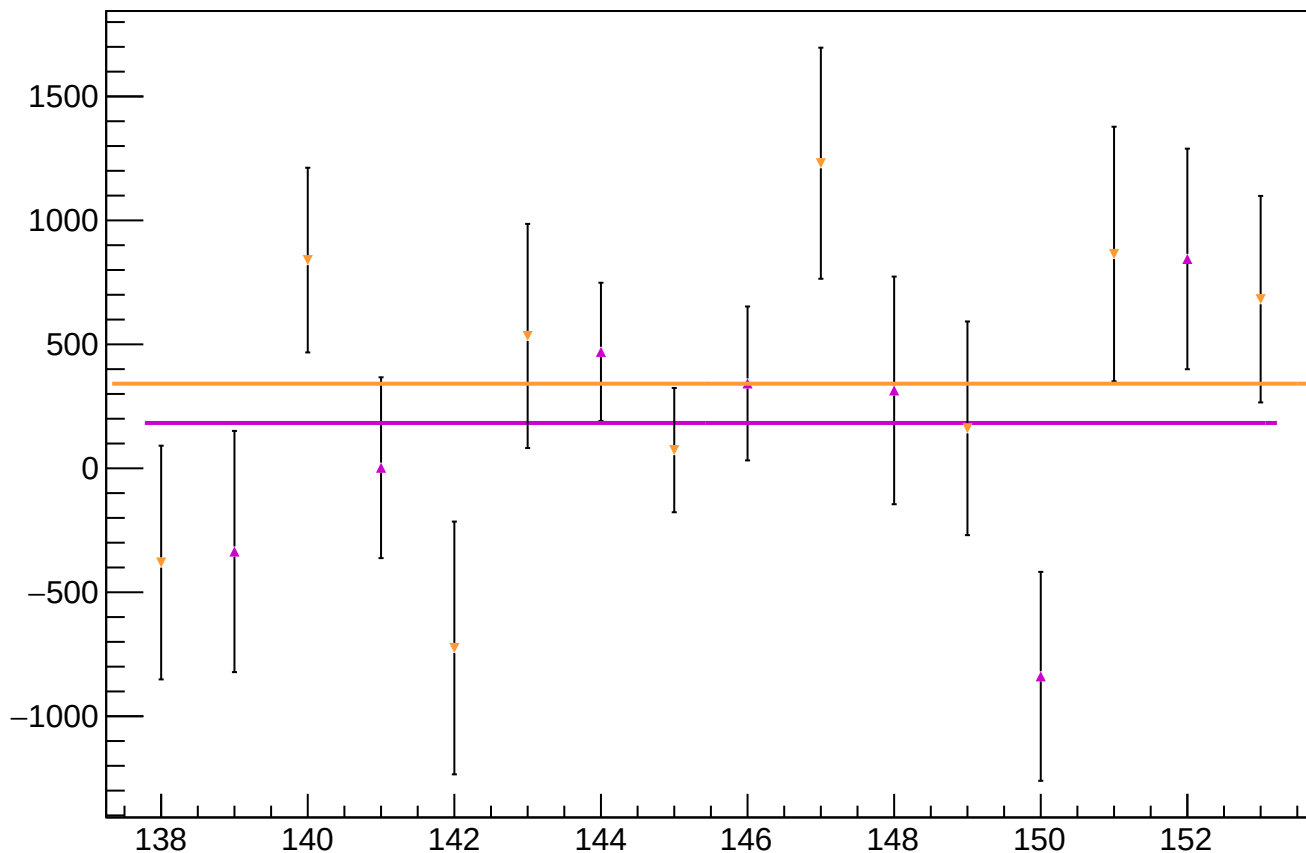
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.907+/-0.015 χ^2/NDF :186340.2/6

Out: 47.738+/-0.013 χ^2/NDF :108654.9/8

All: 48.266+/-0.010 χ^2/NDF : 298499.5/15

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 341.331+/-133.743 χ^2/NDF :15.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 182.982+/-140.850 χ^2/NDF :10.9/6

Left: 266.252+/-96.986 χ^2/NDF : 26.9/15

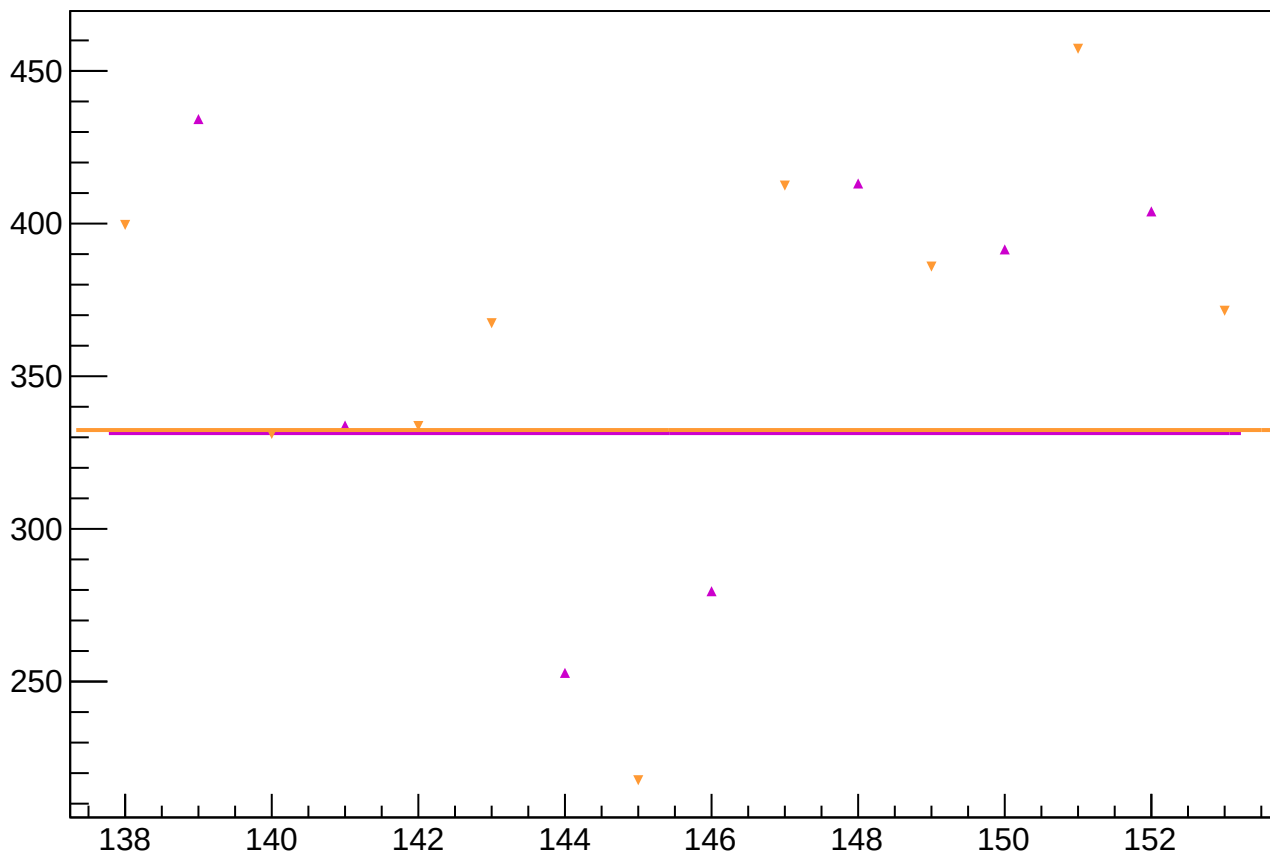
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 182.982+/-140.850 χ^2/NDF :10.9/6

Out: 341.331+/-133.743 χ^2/NDF :15.4/8

All: 266.252+/-96.986 χ^2/NDF : 26.9/15

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 332.375+/-0.095 χ^2/NDF : 697226.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 331.380+/-0.100 χ^2/NDF : 461271.8/6

Left: 331.903+/-0.069 χ^2/NDF : 1158550.5/15

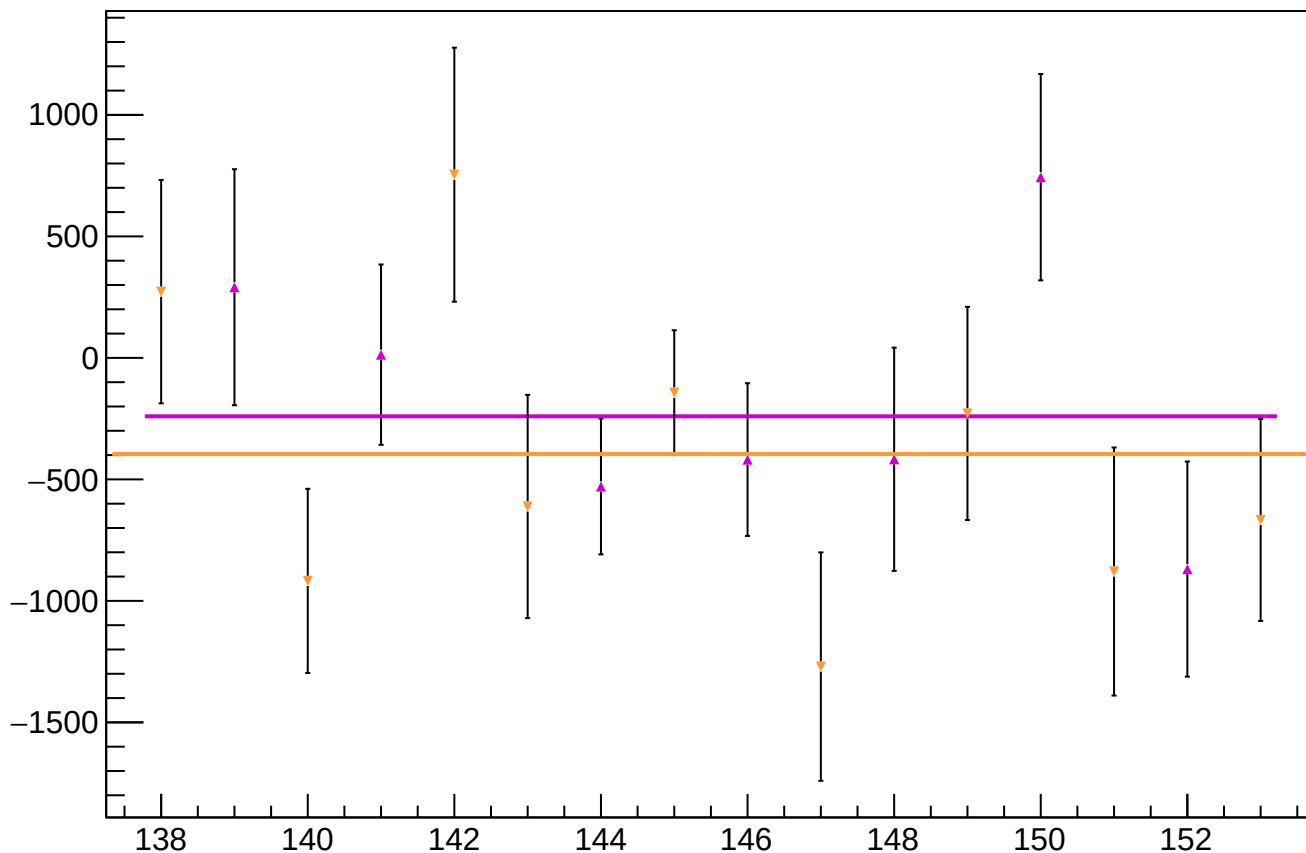
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.380+/-0.100 χ^2/NDF : 461271.8/6

Out: 332.375+/-0.095 χ^2/NDF : 697226.2/8

All: 331.903+/-0.069 χ^2/NDF : 1158550.5/15

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -395.345+/-135.334 χ^2/NDF :15.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -240.318+/-141.682 χ^2/NDF :10.6/6

Left: -321.382+/-97.863 χ^2/NDF : 26.2/15

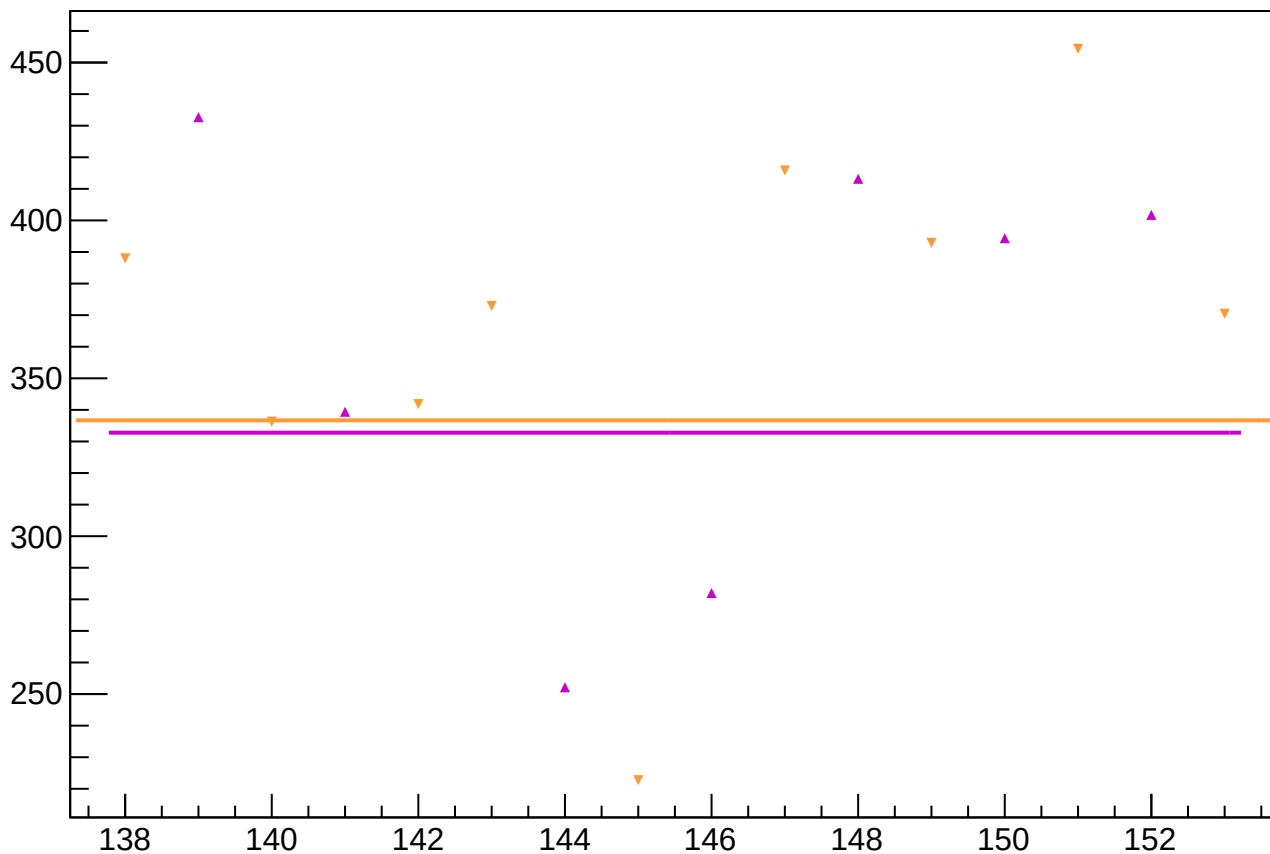
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.318+/-141.682 χ^2/NDF :10.6/6

Out: -395.345+/-135.334 χ^2/NDF :15.0/8

All: -321.382+/-97.863 χ^2/NDF : 26.2/15

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 336.685+/-0.096 χ^2/NDF :640220.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 332.780+/-0.100 χ^2/NDF :455883.8/6

Left: 334.822+/-0.069 χ^2/NDF : 1096899.0/15

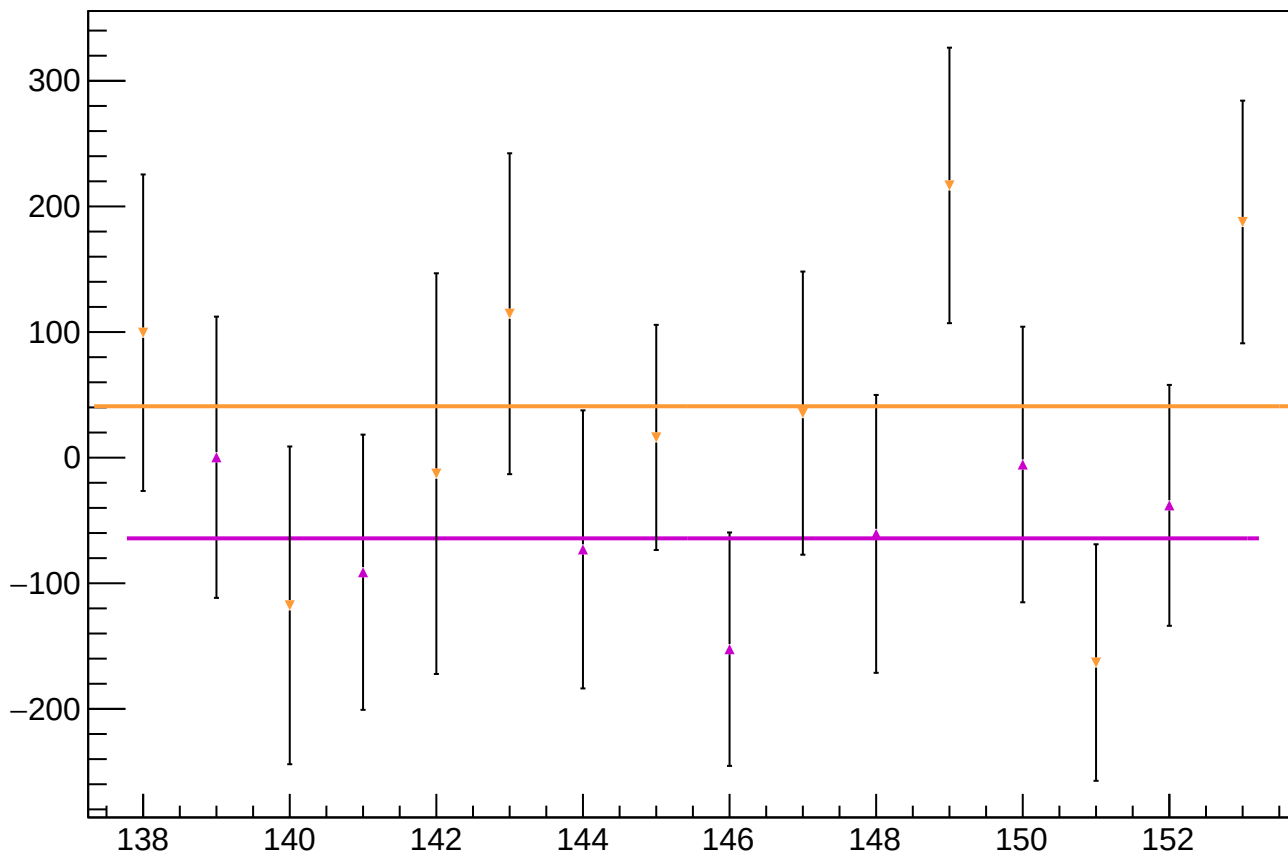
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 332.780+/-0.100 χ^2/NDF :455883.8/6

Out: 336.685+/-0.096 χ^2/NDF :640220.8/8

All: 334.822+/-0.069 χ^2/NDF : 1096899.0/15

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.910+/-36.950 χ^2/NDF :11.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.241+/-39.712 χ^2/NDF :1.7/6

Left: -7.882+/-27.051 χ^2/NDF : 17.3/15

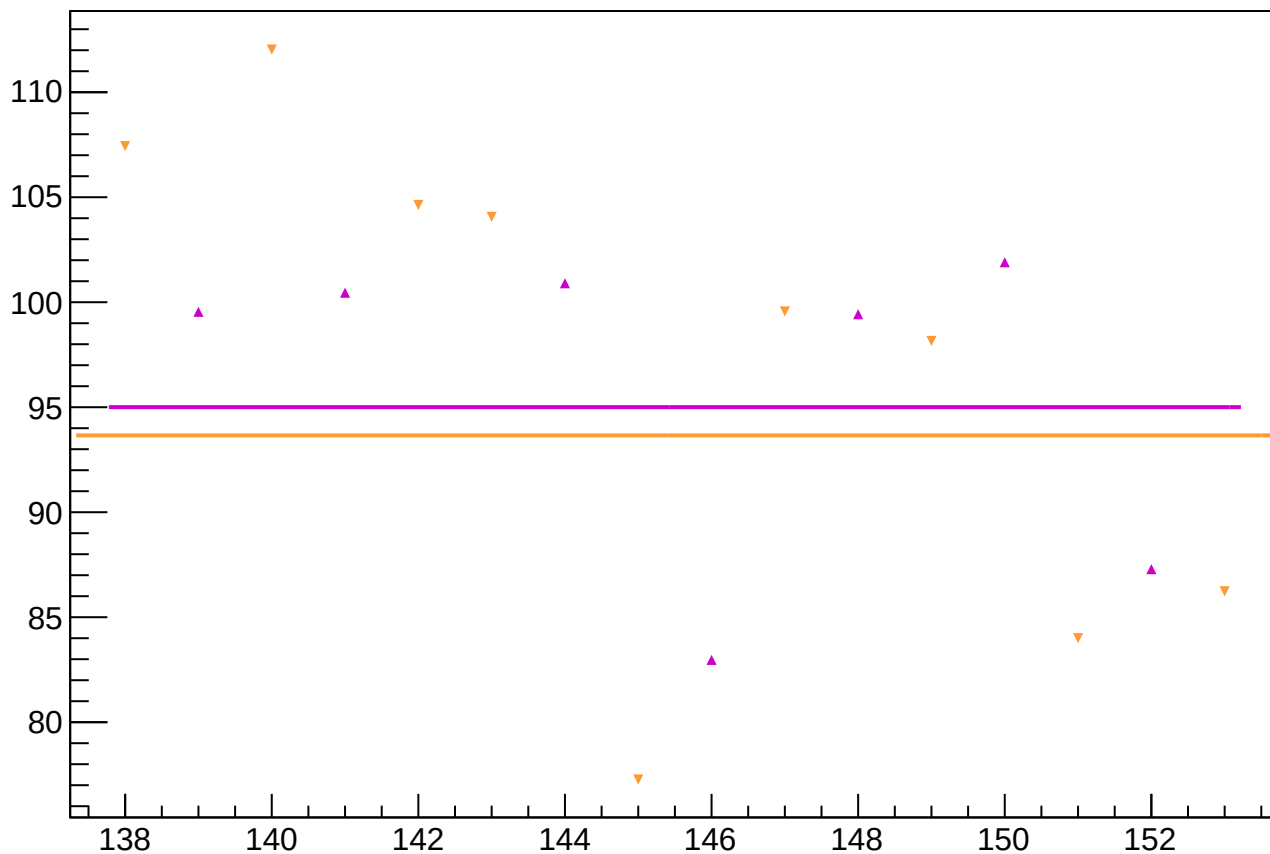
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.241+/-39.712 χ^2/NDF :1.7/6

Out: 40.910+/-36.950 χ^2/NDF :11.9/8

All: -7.882+/-27.051 χ^2/NDF : 17.3/15

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 93.658+/-0.026 χ^2/NDF :197394.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 95.004+/-0.028 χ^2/NDF :71526.1/6

Left: 94.283+/-0.019 χ^2/NDF : 270151.6/15

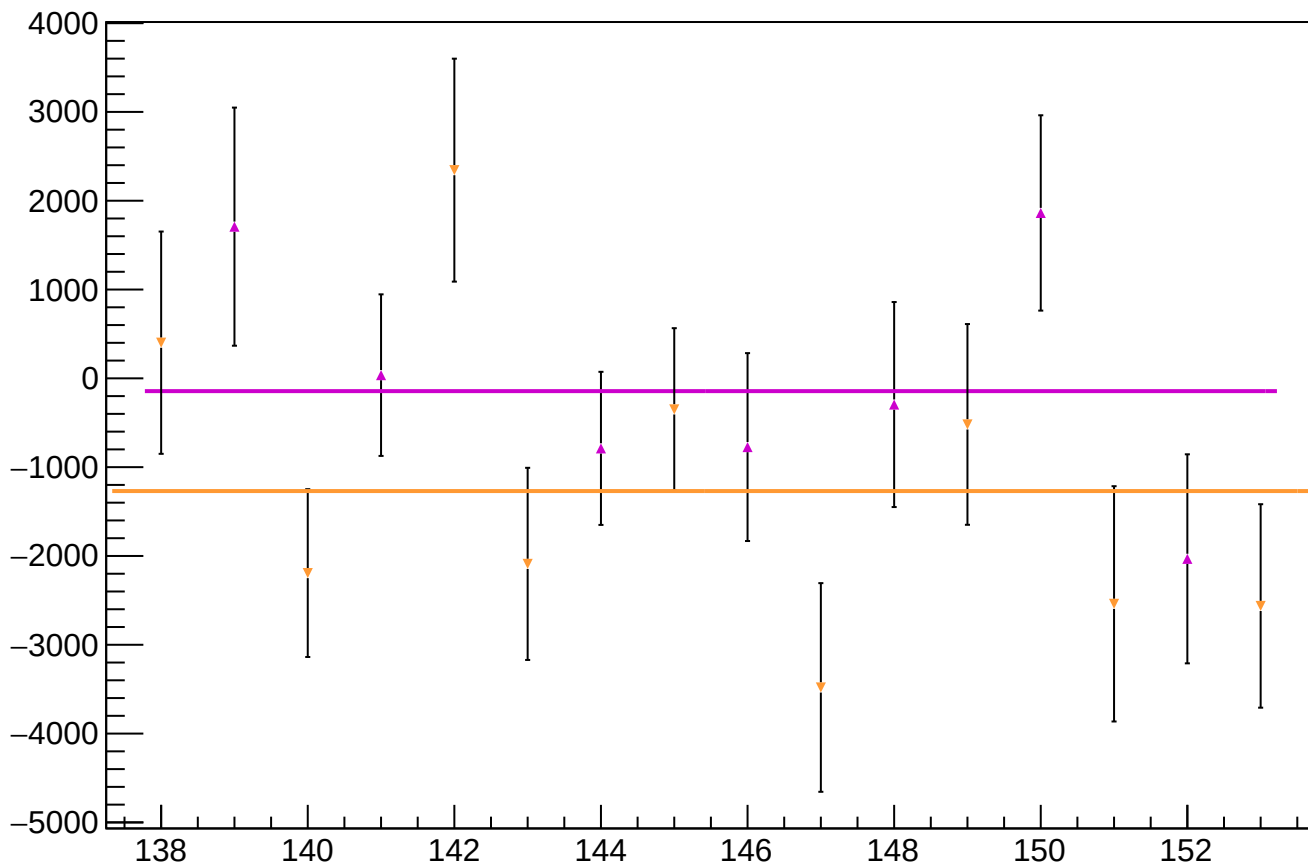
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.004+/-0.028 χ^2/NDF :71526.1/6

Out: 93.658+/-0.026 χ^2/NDF :197394.8/8

All: 94.283+/-0.019 χ^2/NDF : 270151.6/15

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1269.186+/-370.545 χ^2/NDF :18.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -143.924+/-398.284 χ^2/NDF :8.8/6

Left: -747.101+/-271.292 χ^2/NDF : 31.8/15

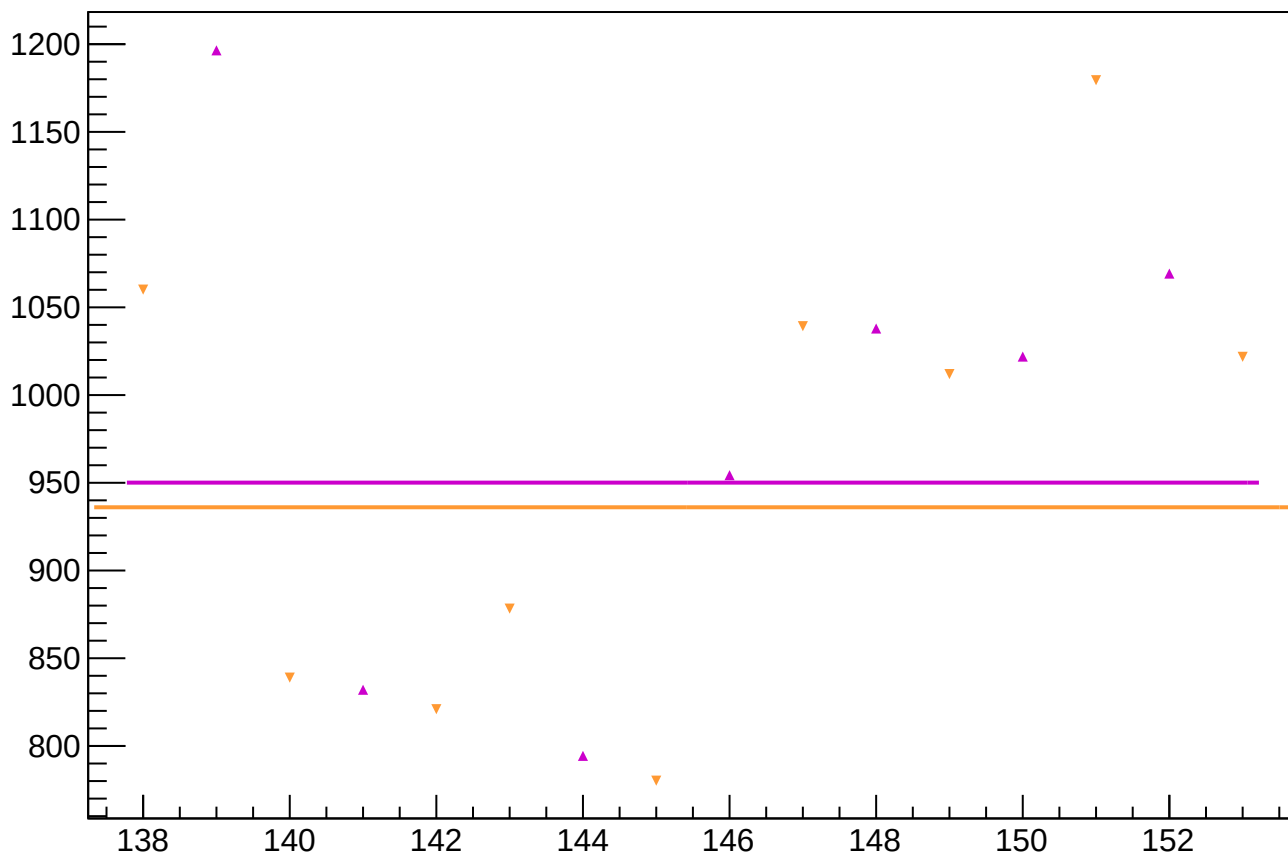
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -143.924+/-398.284 χ^2/NDF :8.8/6

Out: -1269.186+/-370.545 χ^2/NDF :18.8/8

All: -747.101+/-271.292 χ^2/NDF : 31.8/15

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 936.045+/-0.262 χ^2/NDF :224550.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 950.094+/-0.282 χ^2/NDF :207176.9/6

Left: 942.563+/-0.192 χ^2/NDF : 433061.3/15

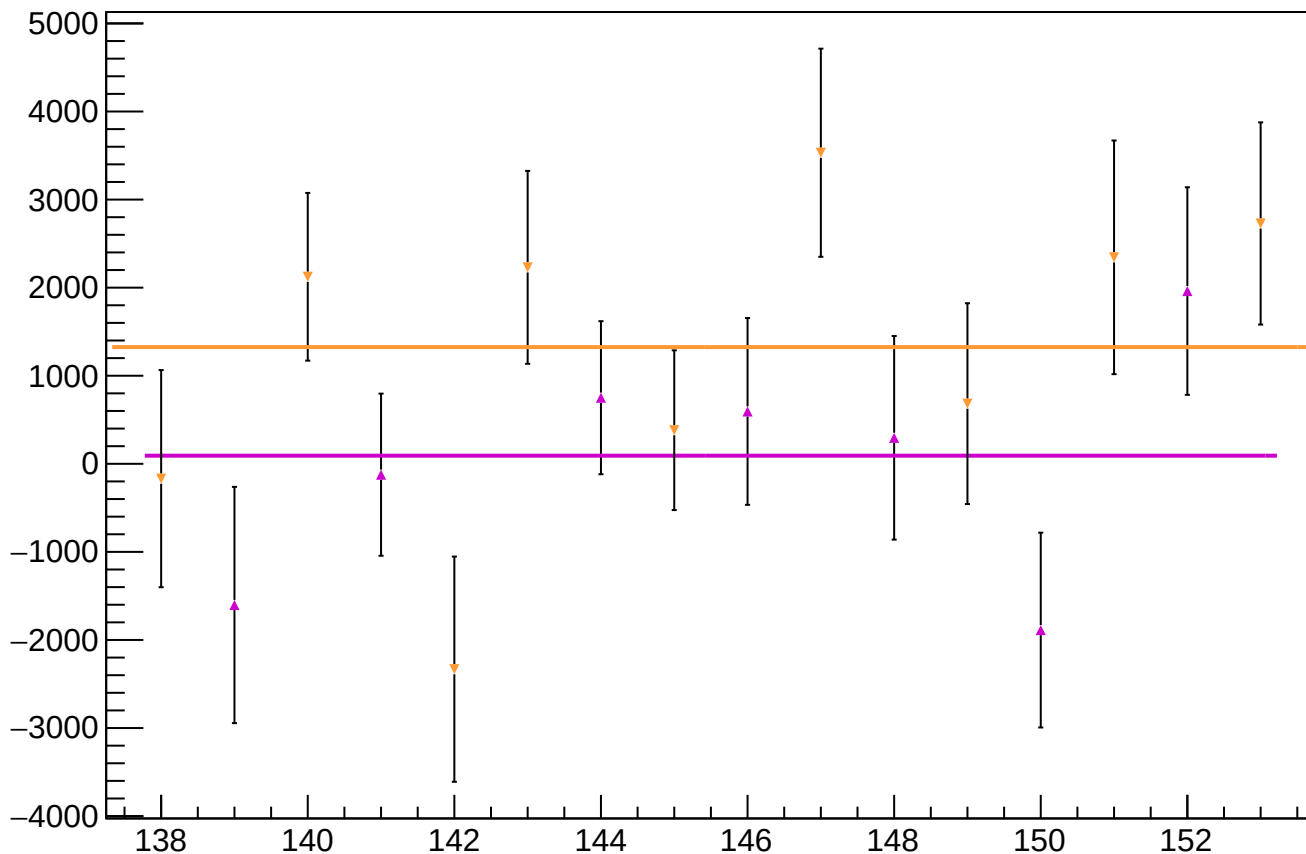
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 950.094+/-0.282 χ^2/NDF :207176.9/6

Out: 936.045+/-0.262 χ^2/NDF :224550.3/8

All: 942.563+/-0.192 χ^2/NDF : 433061.3/15

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1325.041+/-371.761 χ^2/NDF :18.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.370+/-400.442 χ^2/NDF :8.2/6

Left: 754.426+/-272.450 χ^2/NDF : 31.3/15

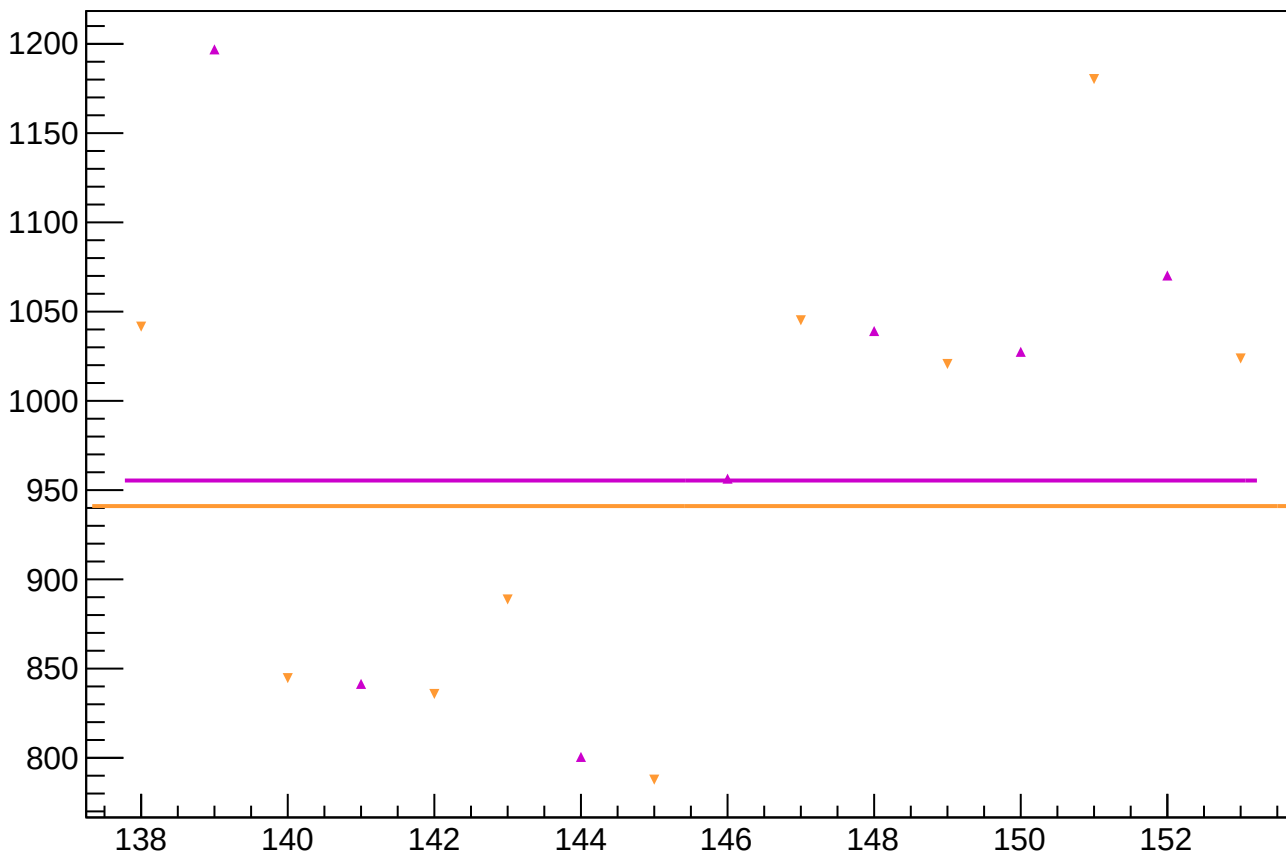
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.370+/-400.442 χ^2/NDF :8.2/6

Out: 1325.041+/-371.761 χ^2/NDF :18.0/8

All: 754.426+/-272.450 χ^2/NDF : 31.3/15

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 941.050+/-0.263 χ^2/NDF : 209770.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 955.375+/-0.283 χ^2/NDF : 197037.5/6

Left: 947.681+/-0.193 χ^2/NDF : 408182.8/15

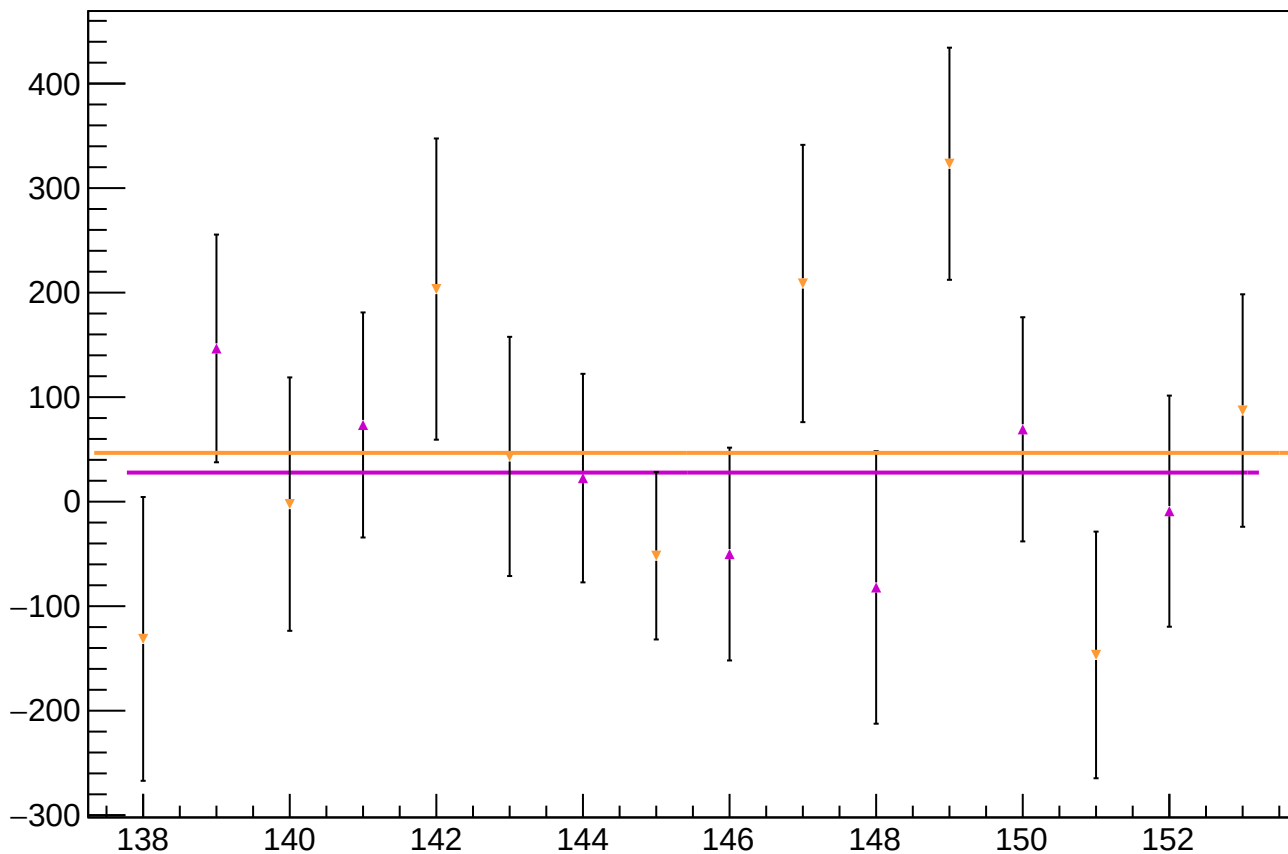
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 955.375+/-0.283 χ^2/NDF : 197037.5/6

Out: 941.050+/-0.263 χ^2/NDF : 209770.7/8

All: 947.681+/-0.193 χ^2/NDF : 408182.8/15

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 46.673 $\pm$ 37.982 χ^2 /NDF:15.1/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 27.822 $\pm$ 40.991 χ^2 /NDF:2.9/6

Left: 37.965 $\pm$ 27.860 χ^2 /NDF: 18.1/15

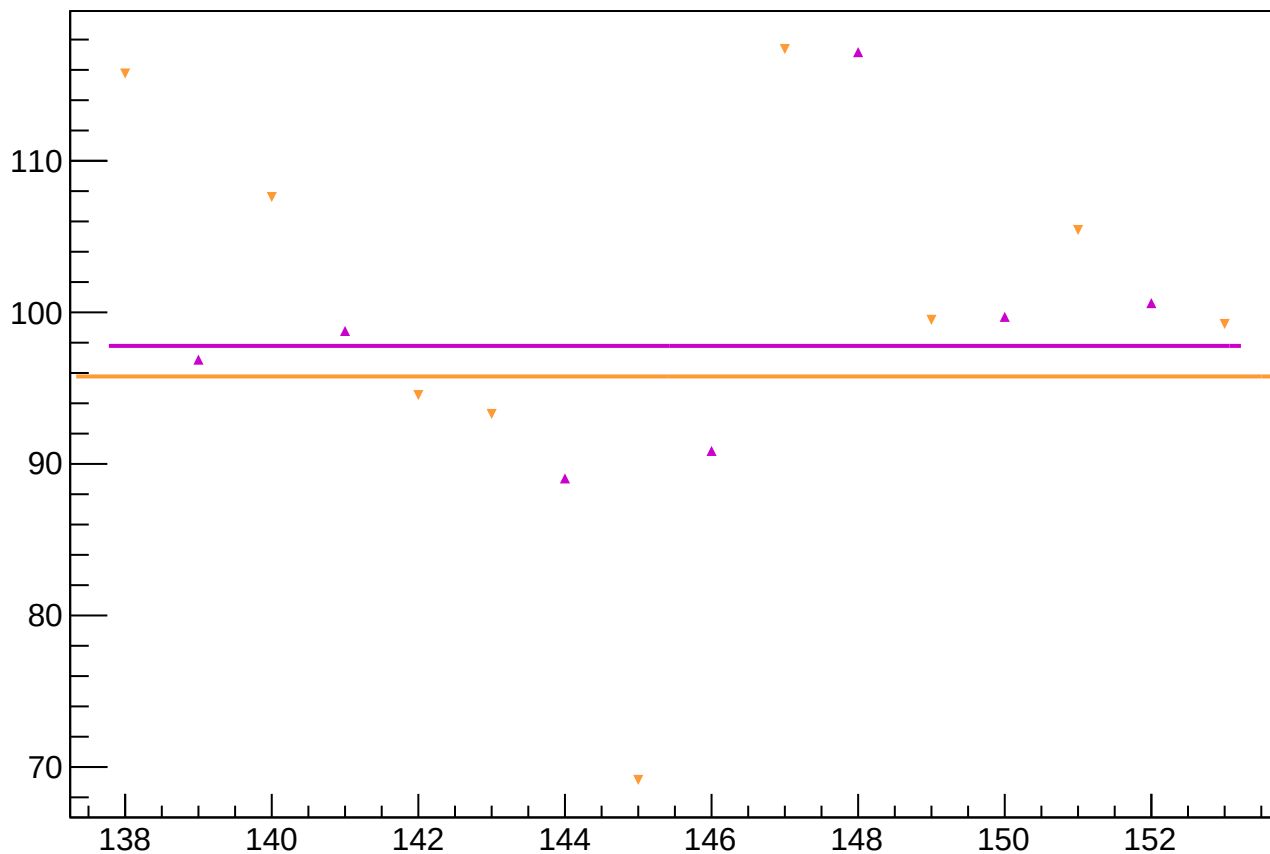
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.822 $\pm$ 40.991 χ^2 /NDF:2.9/6

Out: 46.673 $\pm$ 37.982 χ^2 /NDF:15.1/8

All: 37.965 $\pm$ 27.860 χ^2 /NDF: 18.1/15

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 95.771+/-0.027 χ^2/NDF : 354941.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 97.787+/-0.029 χ^2/NDF : 71096.4/6

Left: 96.703+/-0.020 χ^2/NDF : 428641.4/15

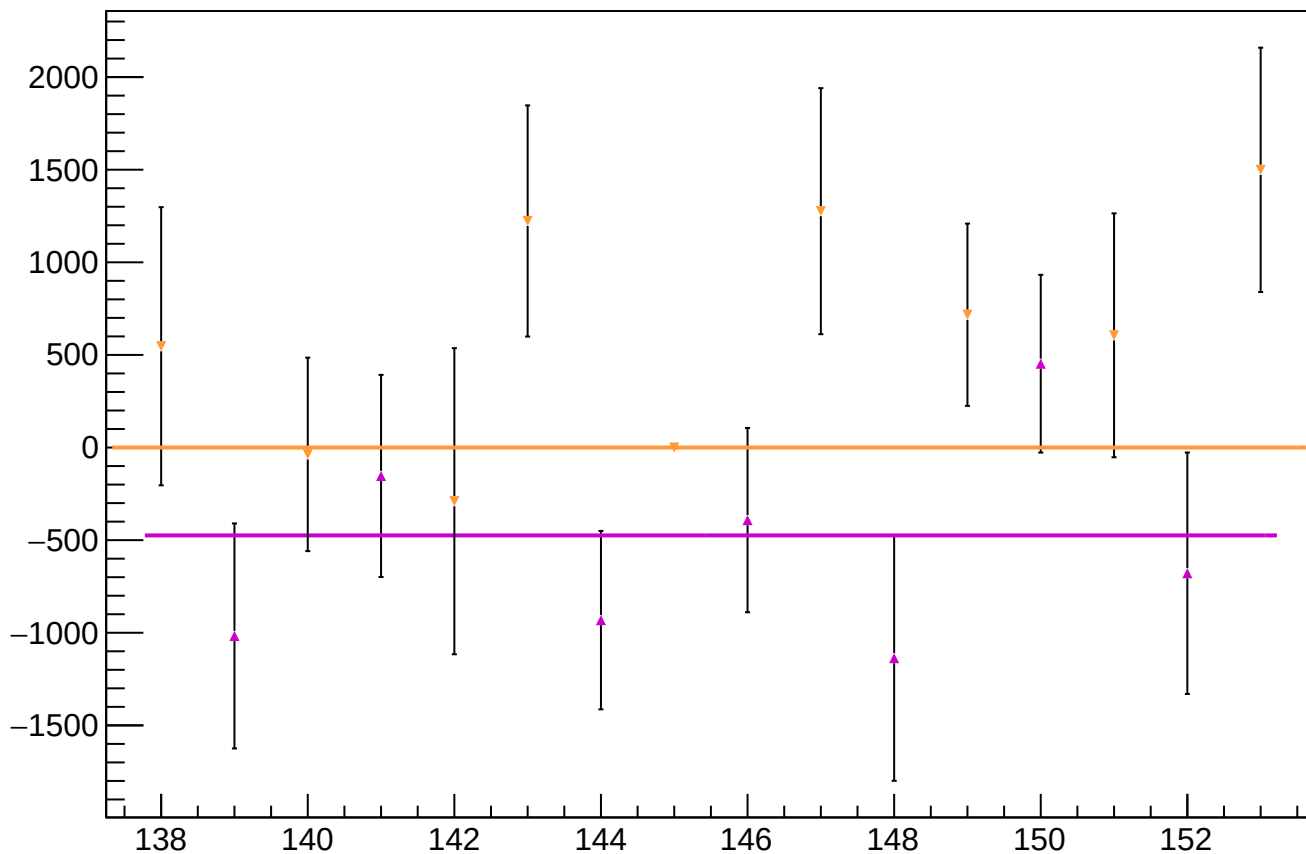
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 97.787+/-0.029 χ^2/NDF : 71096.4/6

Out: 95.771+/-0.027 χ^2/NDF : 354941.5/8

All: 96.703+/-0.020 χ^2/NDF : 428641.4/15

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.000+/-0.000 χ^2/NDF : 16.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -474.339+/-206.736 χ^2/NDF : 6.9/6

Left: -0.000+/-0.000 χ^2/NDF : 28.5/15

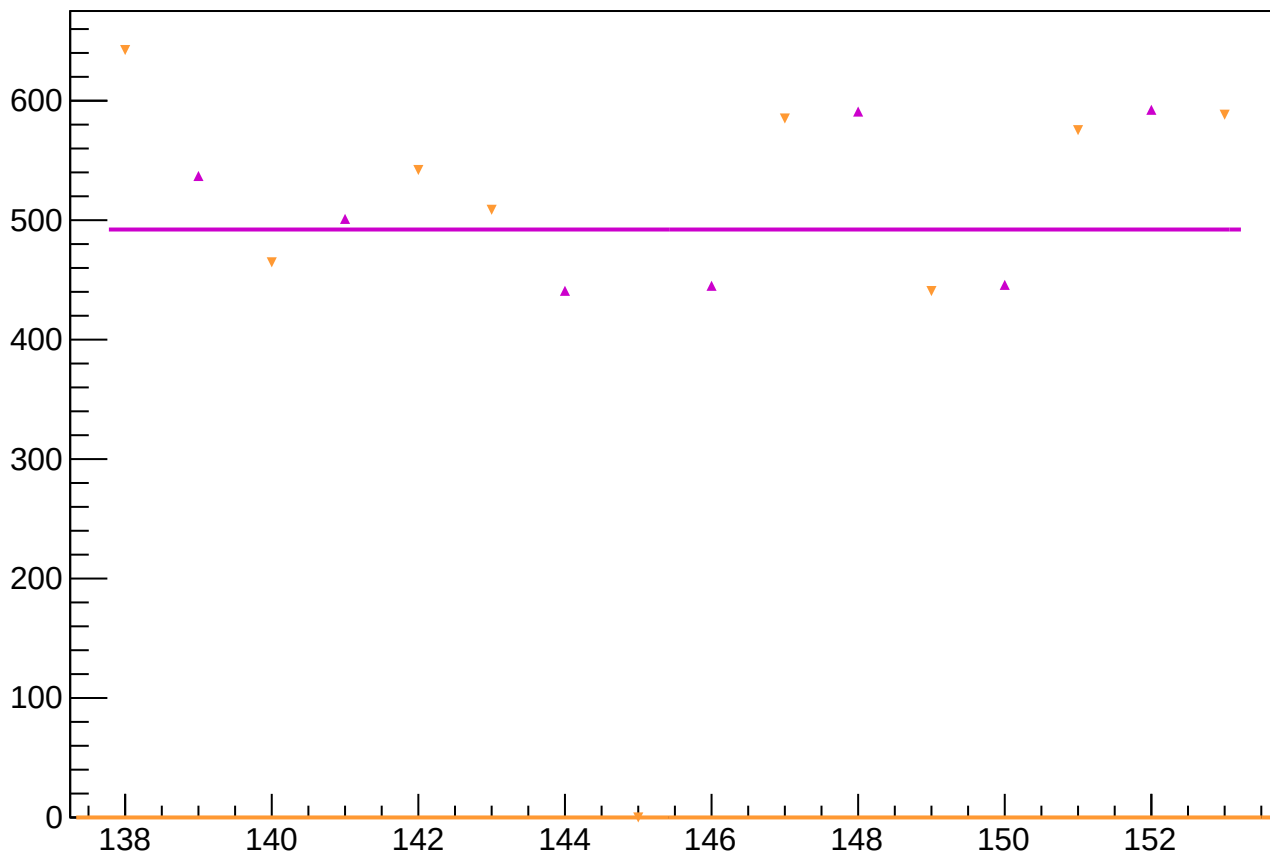
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -474.339+/-206.736 χ^2/NDF : 6.9/6

Out: -0.000+/-0.000 χ^2/NDF : 16.3/8

All: -0.000+/-0.000 χ^2/NDF : 28.5/15

asym_sam_26_48_dd_correction_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 :11510488.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 492.188+/-0.146 χ^2/NDF :162479.2/6

Left: 0.000+/-0.000 χ^2/NDF : 23008952.2/15

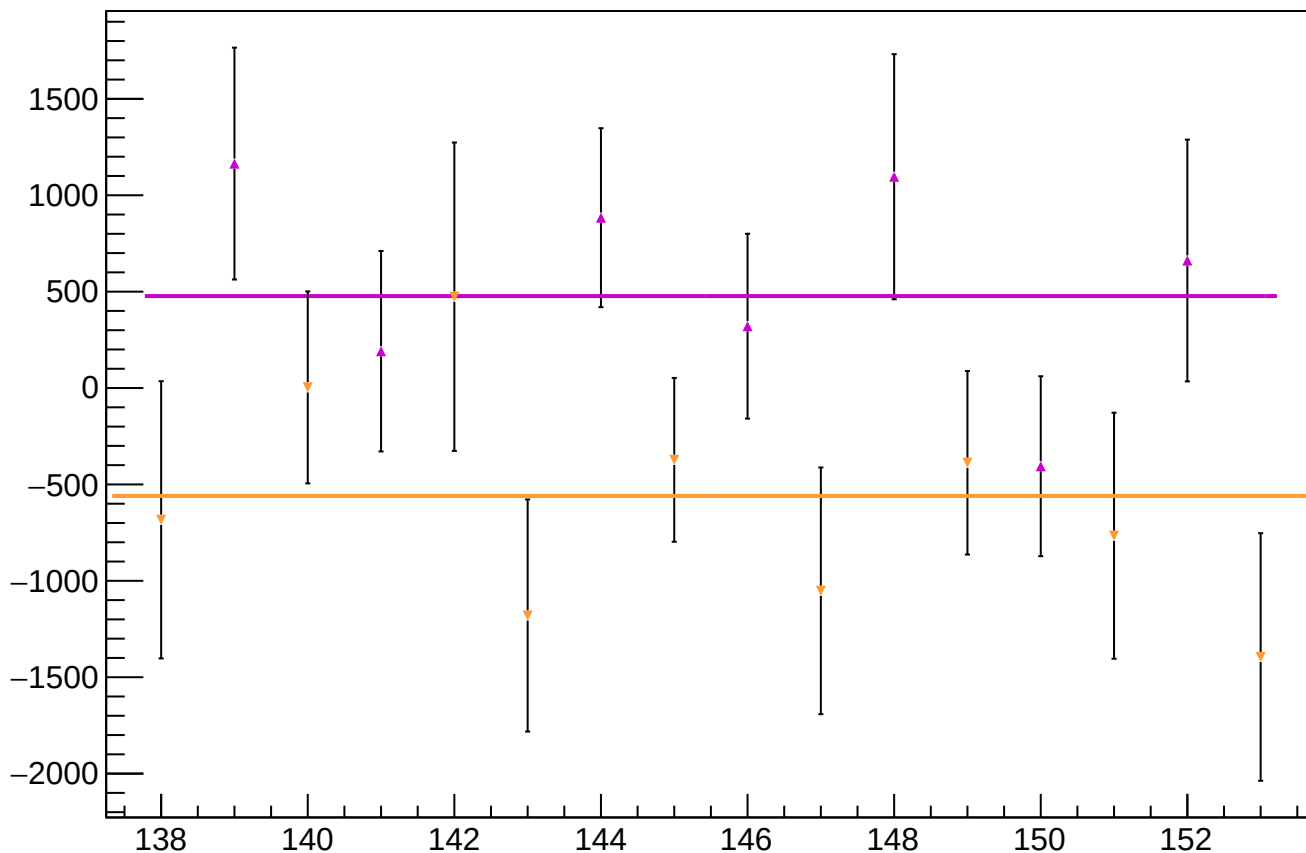
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 492.188+/-0.146 χ^2/NDF :162479.2/6

Out: 0.000+/-0.000 χ^2/NDF :11510488.3/8

All: 0.000+/-0.000 χ^2/NDF : 23008952.2/15

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -559.715+/-190.449 χ^2/NDF : 6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.950+/-199.731 χ^2/NDF : 7.1/6

Left: -66.030+/-137.832 χ^2/NDF : 28.0/15

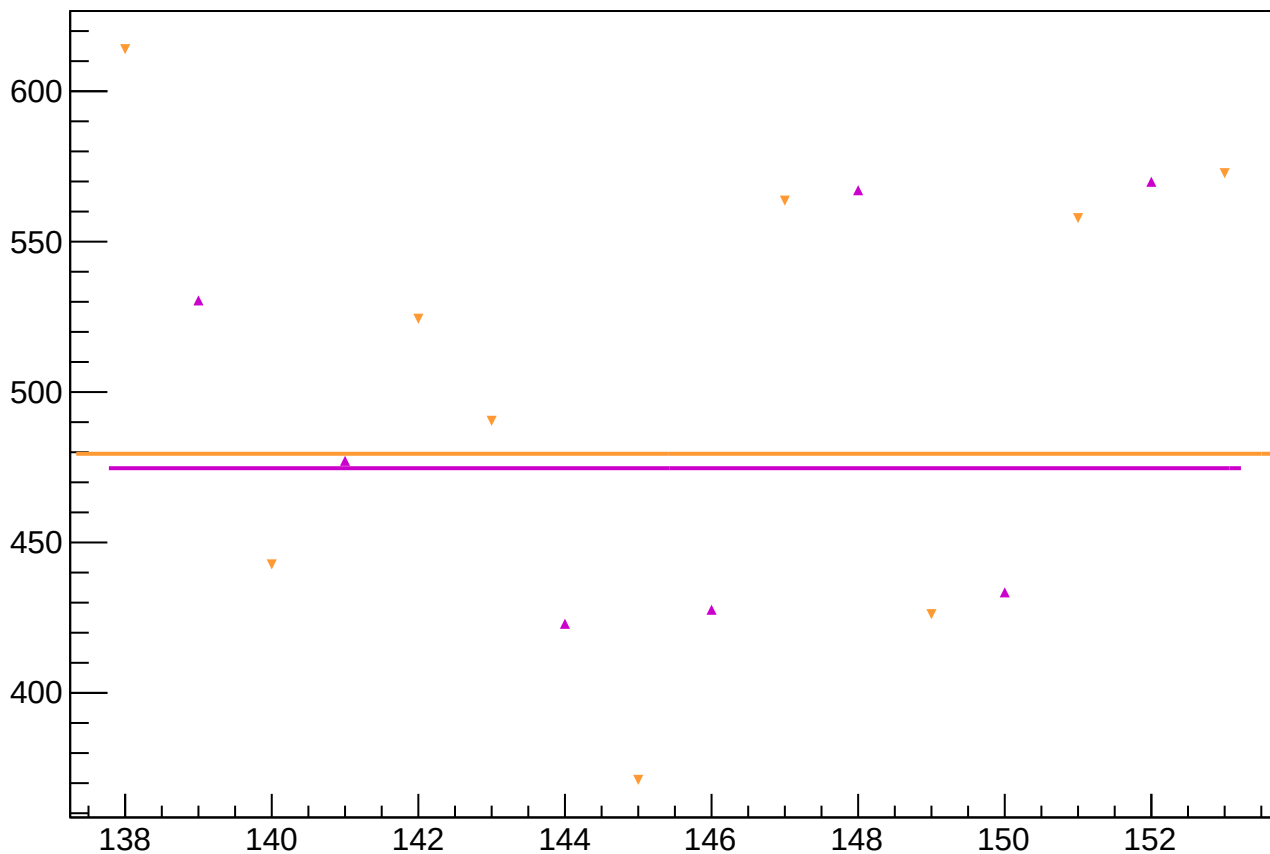
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.950+/-199.731 χ^2/NDF : 7.1/6

Out: -559.715+/-190.449 χ^2/NDF : 6.8/8

All: -66.030+/-137.832 χ^2/NDF : 28.0/15

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 479.490+/-0.135 χ^2/NDF :350039.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 474.689+/-0.141 χ^2/NDF :165344.0/6

Left: 477.204+/-0.097 χ^2/NDF : 515988.7/15

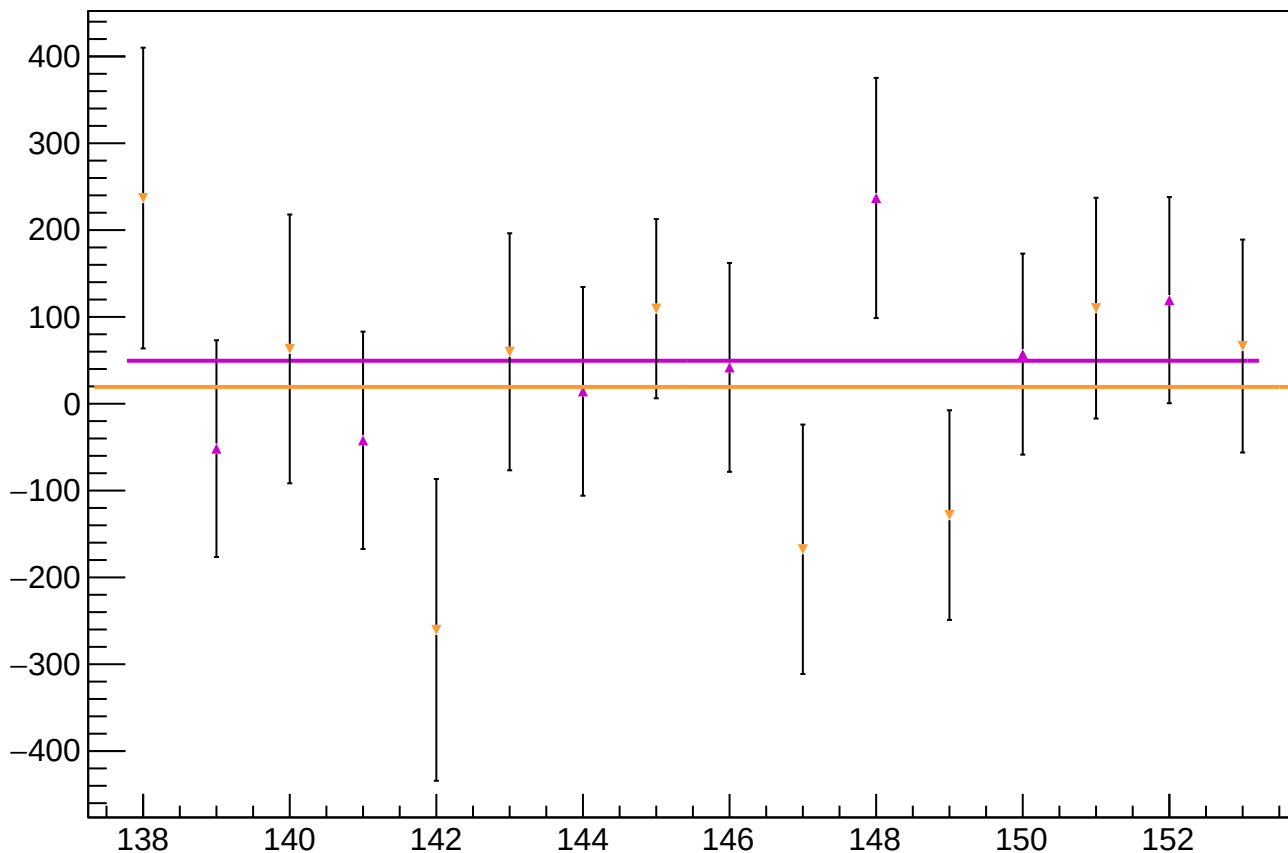
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.689+/-0.141 χ^2/NDF :165344.0/6

Out: 479.490+/-0.135 χ^2/NDF :350039.5/8

All: 477.204+/-0.097 χ^2/NDF : 515988.7/15

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 19.361+/-44.667 χ^2/NDF : 8.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 49.534+/-46.413 χ^2/NDF : 3.5/6

Left: 33.869+/-32.184 χ^2/NDF : 12.6/15

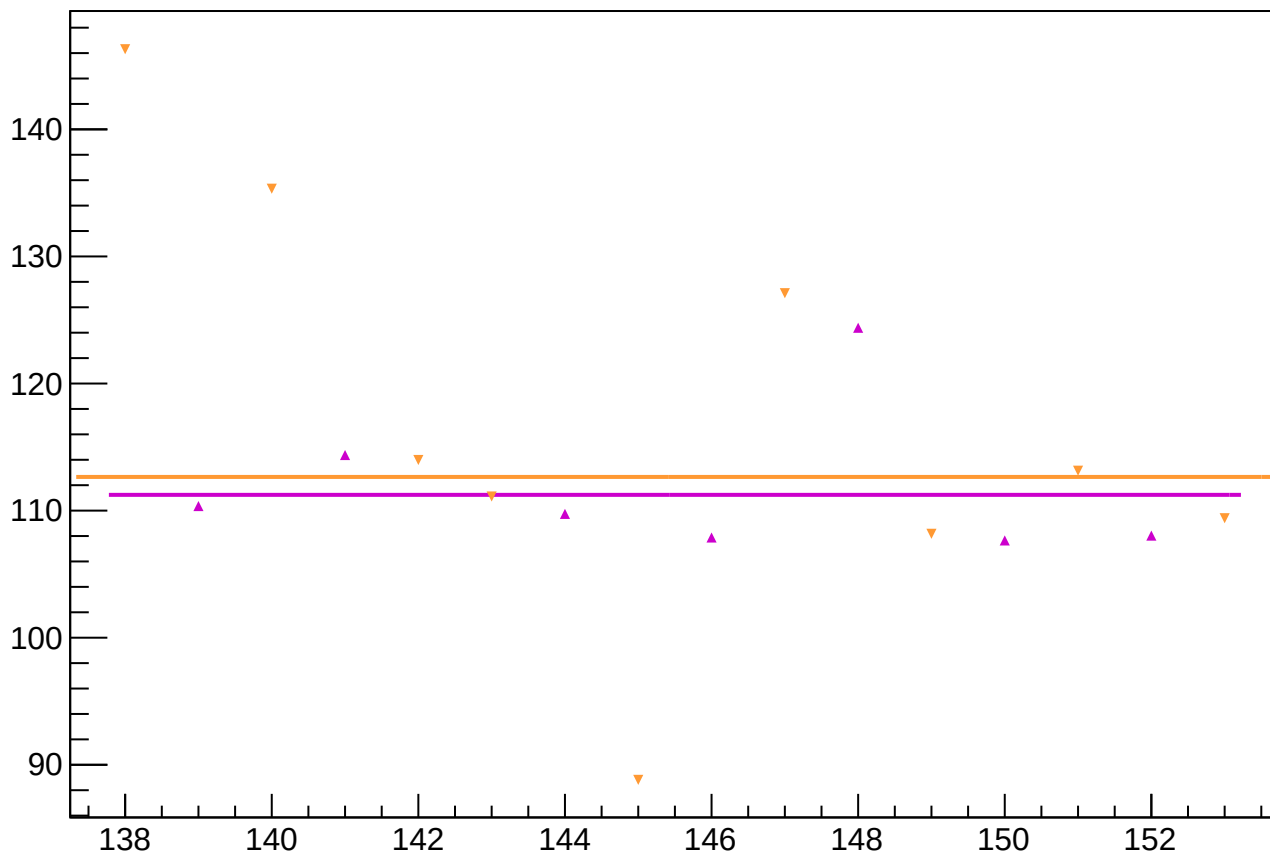
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.534+/-46.413 χ^2/NDF : 3.5/6

Out: 19.361+/-44.667 χ^2/NDF : 8.9/8

All: 33.869+/-32.184 χ^2/NDF : 12.6/15

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 112.651+/-0.032 χ^2/NDF :249942.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 111.241+/-0.033 χ^2/NDF :24672.6/6

Left: 111.973+/-0.023 χ^2/NDF : 275573.8/15

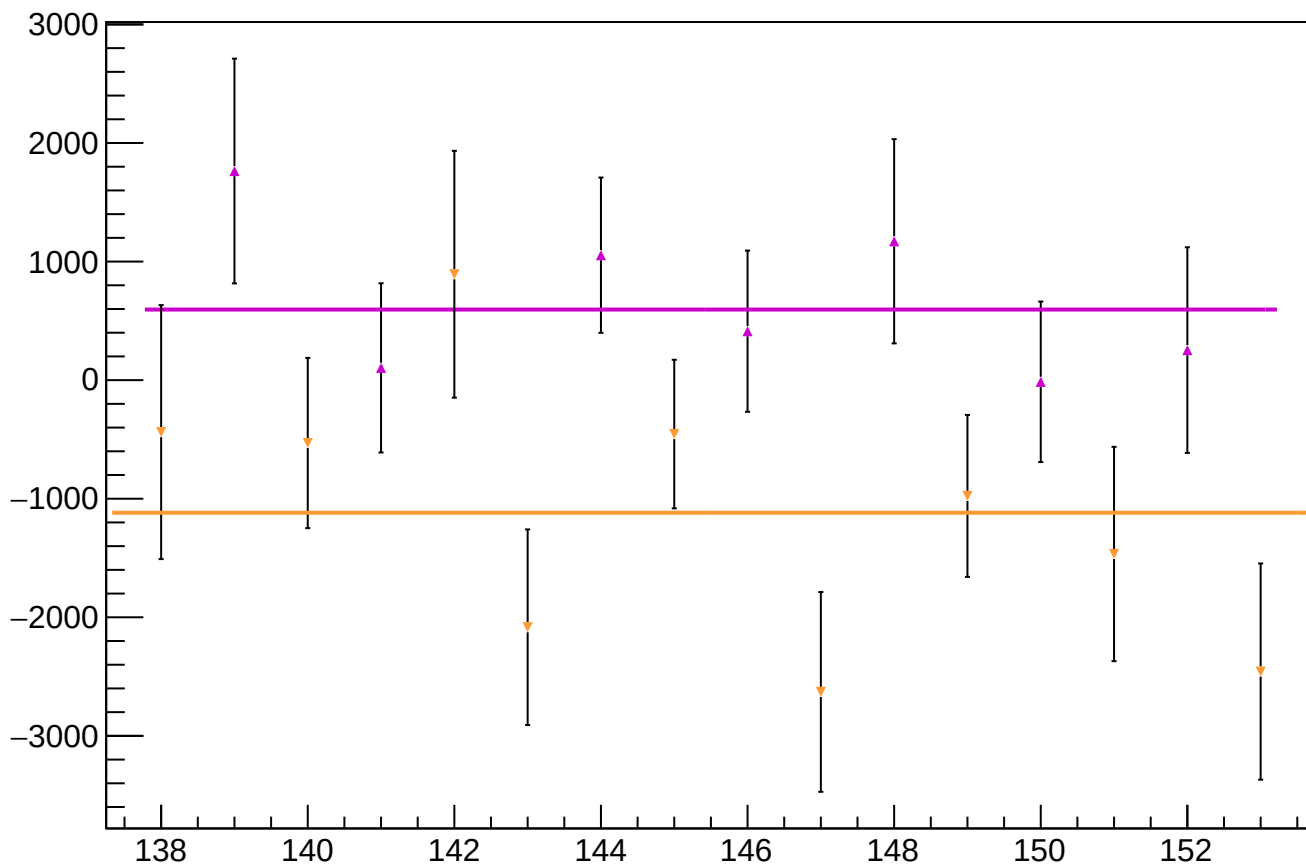
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.241+/-0.033 χ^2/NDF :24672.6/6

Out: 112.651+/-0.032 χ^2/NDF :249942.7/8

All: 111.973+/-0.023 χ^2/NDF : 275573.8/15

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1118.255+/-269.853 χ^2/NDF :12.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 595.421+/-283.614 χ^2/NDF :4.0/6

Left: -303.998+/-195.499 χ^2/NDF : 36.0/15

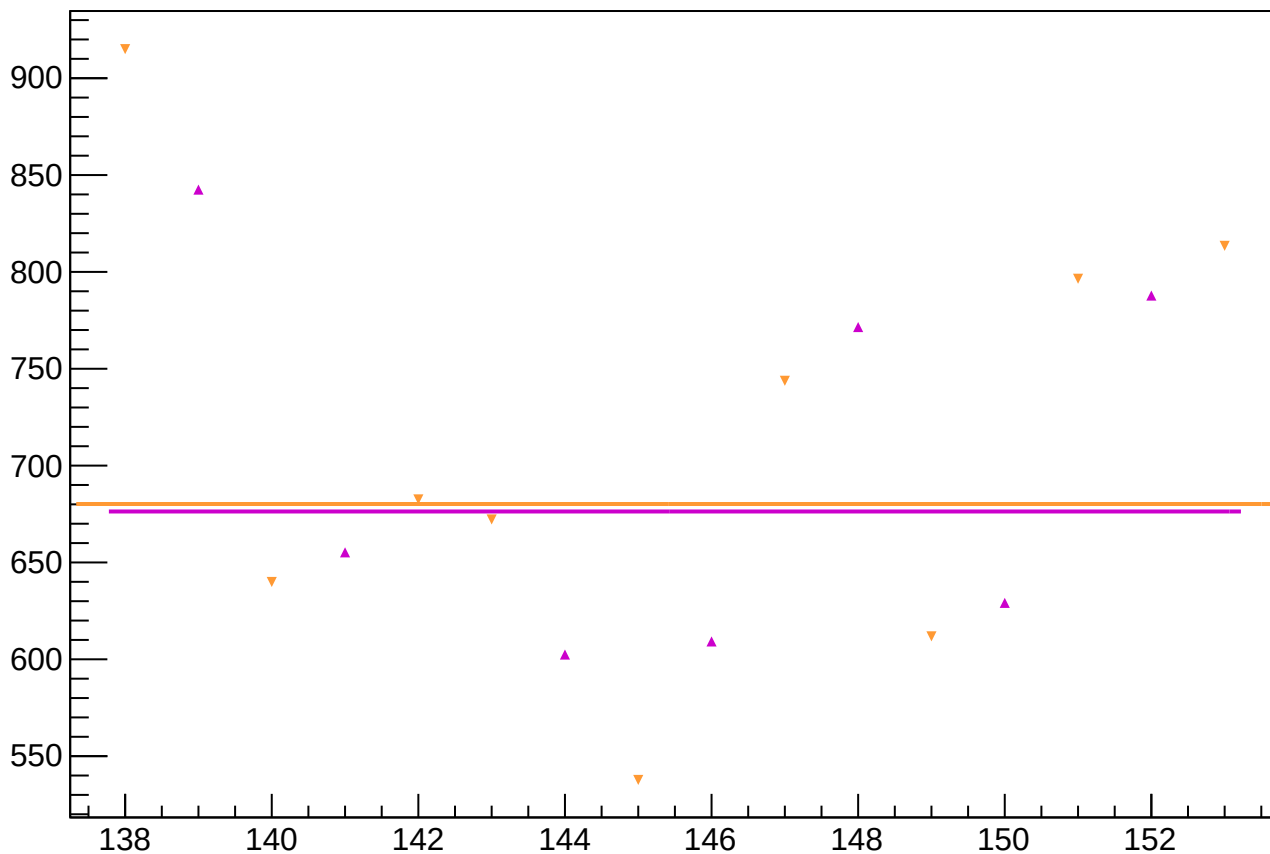
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 595.421+/-283.614 χ^2/NDF :4.0/6

Out: -1118.255+/-269.853 χ^2/NDF :12.9/8

All: -303.998+/-195.499 χ^2/NDF : 36.0/15

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 680.175+/-0.191 χ^2/NDF :313320.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 676.313+/-0.201 χ^2/NDF :175363.0/6

Left: 678.340+/-0.138 χ^2/NDF : 488878.5/15

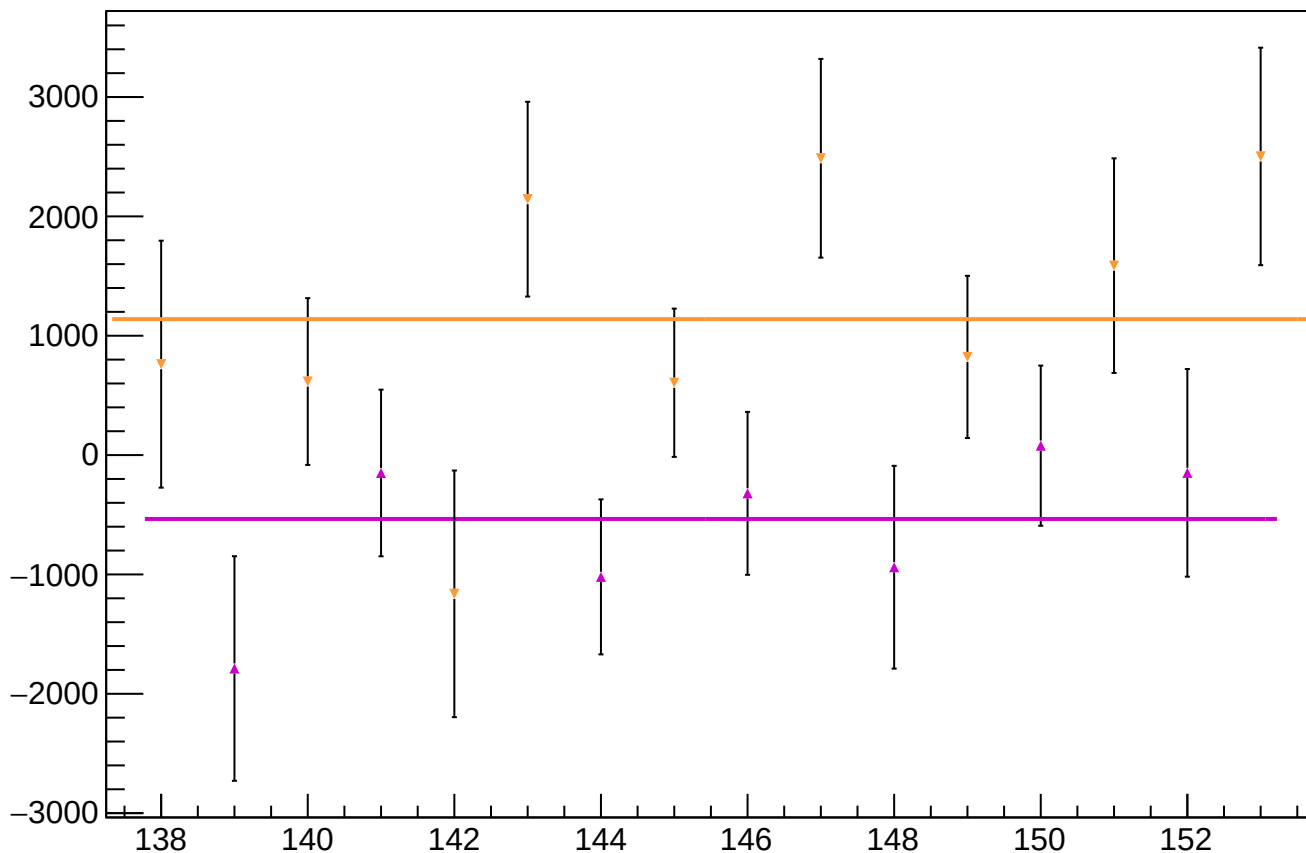
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 676.313+/-0.201 χ^2/NDF :175363.0/6

Out: 680.175+/-0.191 χ^2/NDF :313320.7/8

All: 678.340+/-0.138 χ^2/NDF : 488878.5/15

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1139.350+/-266.663 χ^2/NDF :13.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -535.172+/-281.409 χ^2/NDF :4.0/6

Left: 347.110+/-193.562 χ^2/NDF : 35.9/15

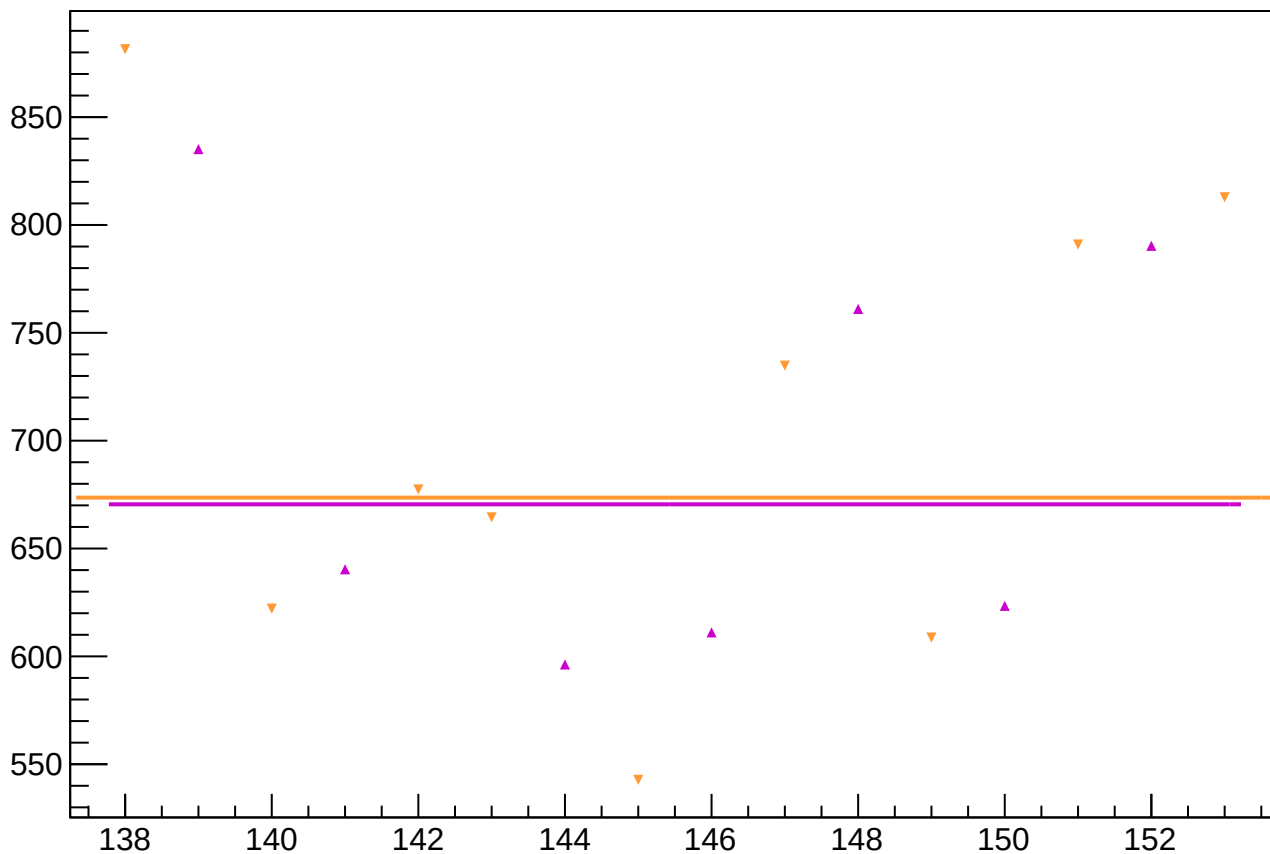
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -535.172+/-281.409 χ^2/NDF :4.0/6

Out: 1139.350+/-266.663 χ^2/NDF :13.2/8

All: 347.110+/-193.562 χ^2/NDF : 35.9/15

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 673.604+/-0.189 χ^2/NDF :290439.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Left: 672.133+/-0.137 χ^2/NDF : 467359.7/15

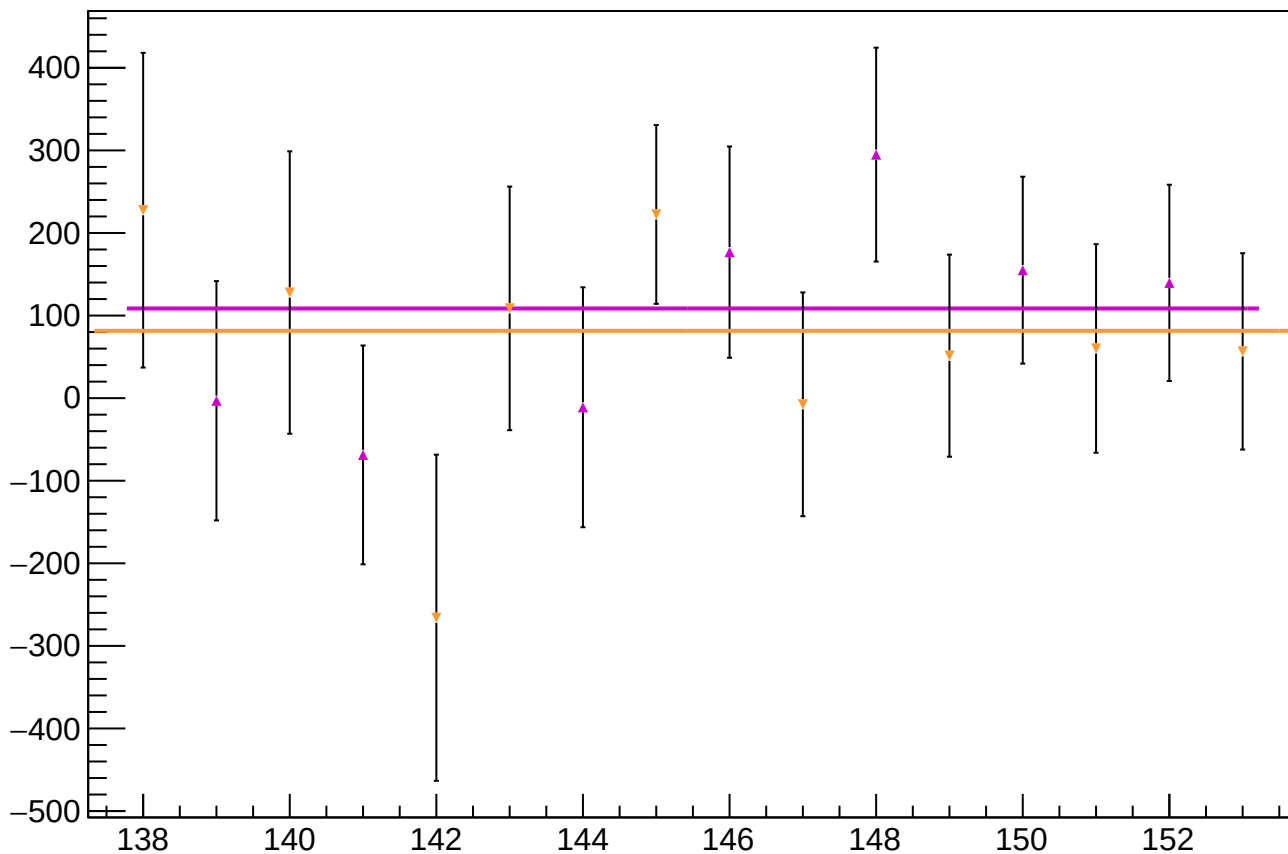
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Out: 673.604+/-0.189 χ^2/NDF :290439.7/8

All: 672.133+/-0.137 χ^2/NDF : 467359.7/15

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 81.552 $\pm$ 45.963 χ^2 /NDF:6.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 108.587 $\pm$ 48.700 χ^2 /NDF:5.7/6

Left: 94.289 $\pm$ 33.427 χ^2 /NDF: 11.9/15

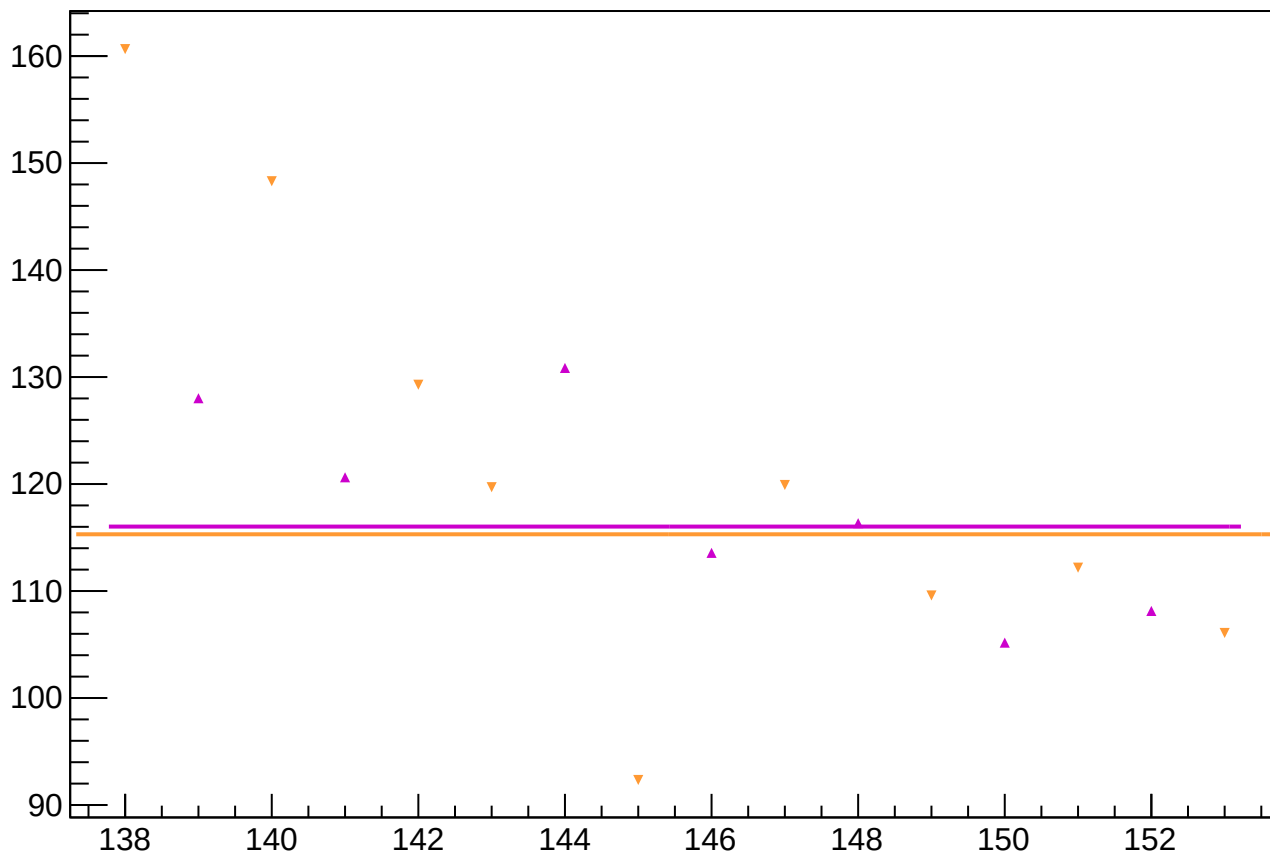
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 108.587 $\pm$ 48.700 χ^2 /NDF:5.7/6

Out: 81.552 $\pm$ 45.963 χ^2 /NDF:6.0/8

All: 94.289 $\pm$ 33.427 χ^2 /NDF: 11.9/15

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 115.303+/-0.033 χ^2/NDF :309450.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 116.023+/-0.034 χ^2/NDF :64901.8/6

Left: 115.642+/-0.024 χ^2/NDF : 374583.5/15

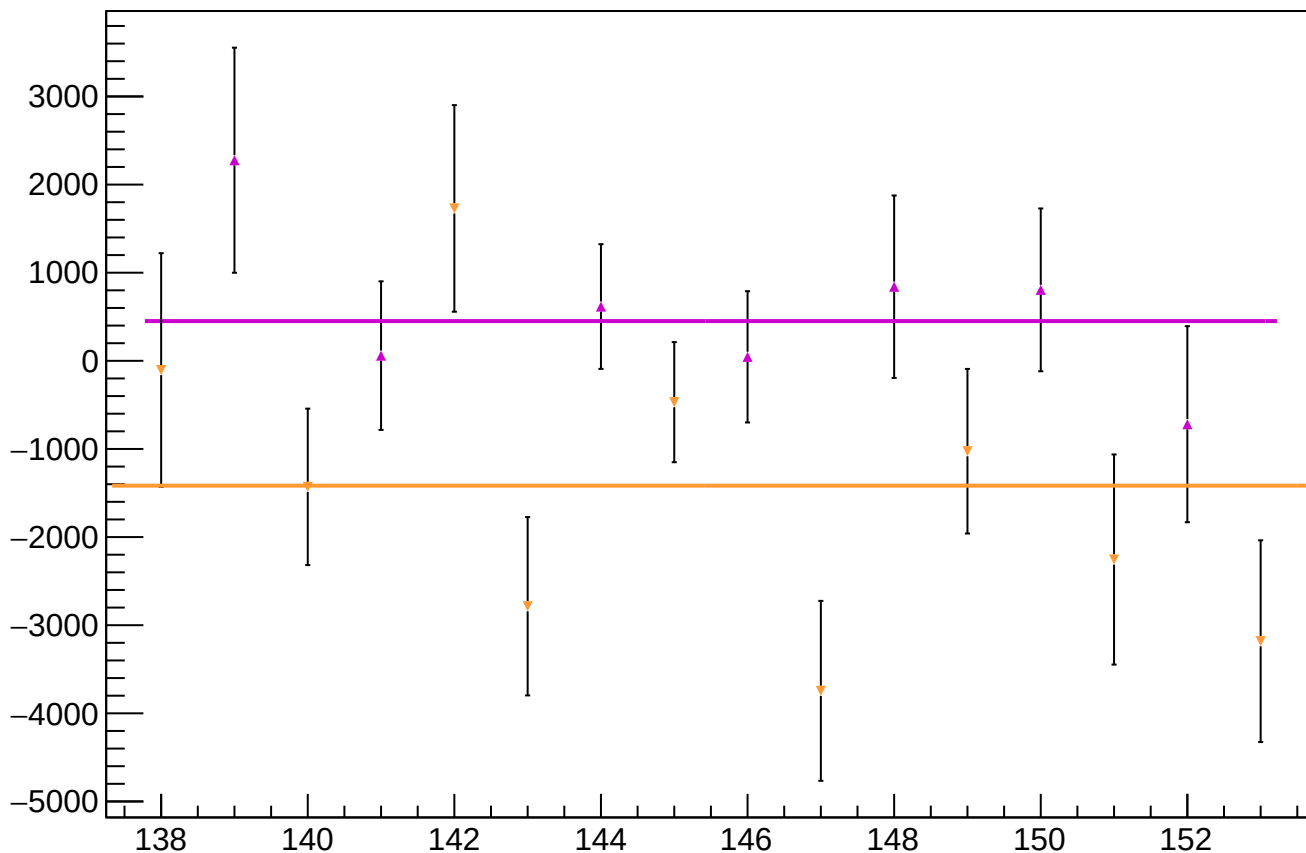
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 116.023+/-0.034 χ^2/NDF :64901.8/6

Out: 115.303+/-0.033 χ^2/NDF :309450.2/8

All: 115.642+/-0.024 χ^2/NDF : 374583.5/15

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1416.528+/-328.481 χ^2/NDF :20.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 451.052+/-338.374 χ^2/NDF :4.0/6

Left: -510.437+/-235.691 χ^2/NDF : 39.9/15

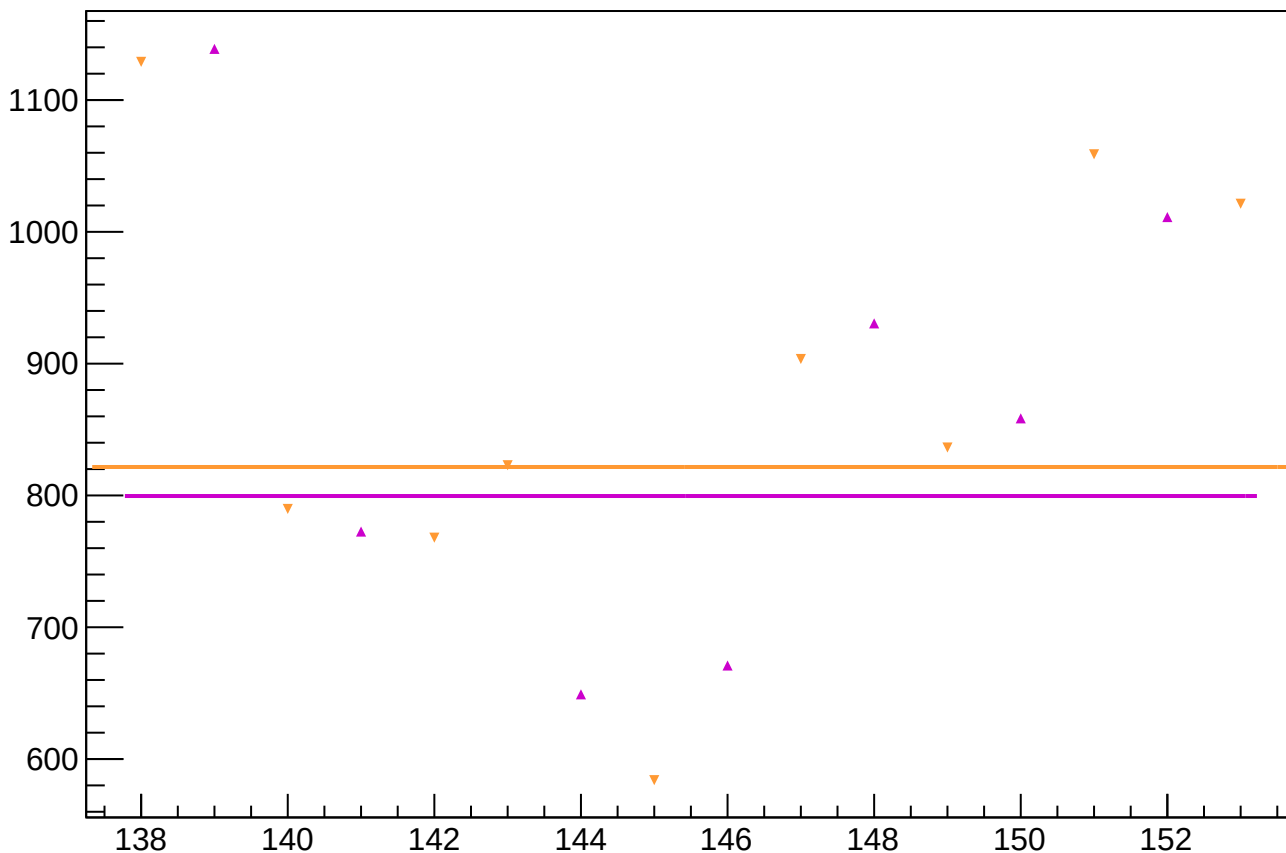
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 451.052+/-338.374 χ^2/NDF :4.0/6

Out: -1416.528+/-328.481 χ^2/NDF :20.2/8

All: -510.437+/-235.691 χ^2/NDF : 39.9/15

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 821.592+/-0.232 χ^2/NDF :510710.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 799.573+/-0.239 χ^2/NDF :405807.7/6

Left: 810.909+/-0.167 χ^2/NDF : 920878.2/15

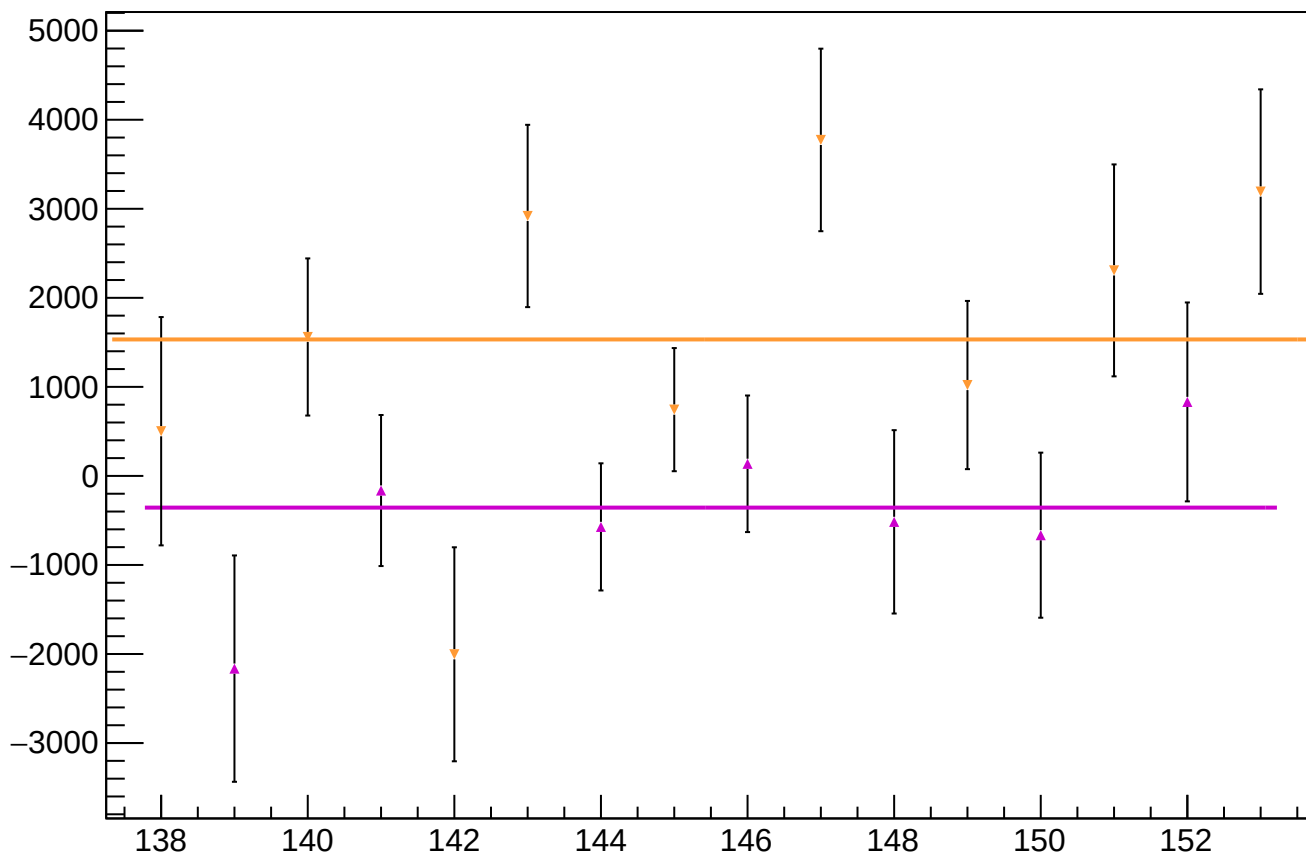
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 799.573+/-0.239 χ^2/NDF :405807.7/6

Out: 821.592+/-0.232 χ^2/NDF :510710.4/8

All: 810.909+/-0.167 χ^2/NDF : 920878.2/15

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1532.689+/-330.270 χ^2/NDF :20.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -355.937+/-341.413 χ^2/NDF :3.8/6

Left: 619.699+/-237.378 χ^2/NDF : 39.7/15

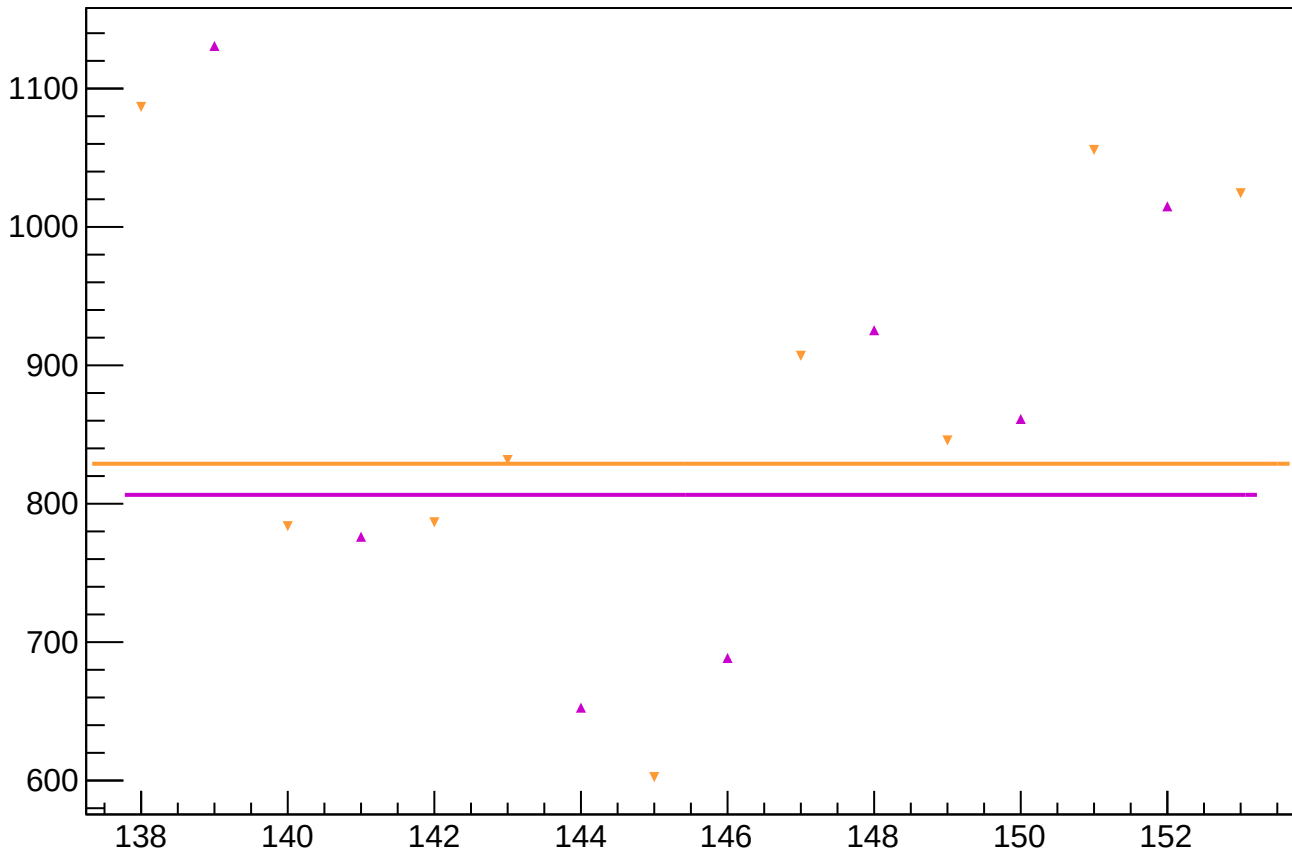
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -355.937+/-341.413 χ^2/NDF :3.8/6

Out: 1532.689+/-330.270 χ^2/NDF :20.0/8

All: 619.699+/-237.378 χ^2/NDF : 39.7/15

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 828.903+/-0.234 χ^2 /NDF:445812.7/8

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 806.414+/-0.241 χ^2 /NDF:376152.6/6

Left: 818.031+/-0.168 χ^2 /NDF: 826448.0/15

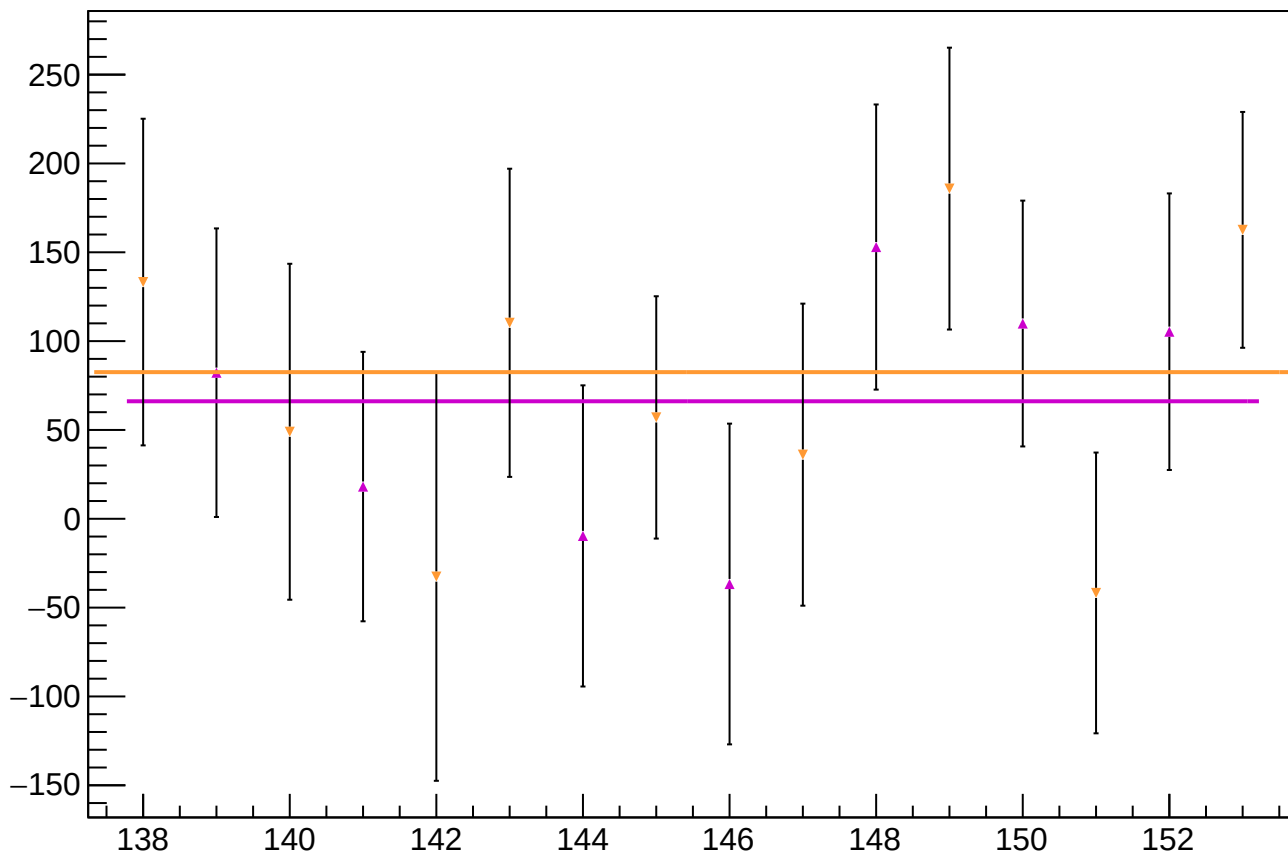
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 806.414+/-0.241 χ^2 /NDF:376152.6/6

Out: 828.903+/-0.234 χ^2 /NDF:445812.7/8

All: 818.031+/-0.168 χ^2 /NDF: 826448.0/15

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 82.543 $\pm$ 27.336 χ^2 /NDF:7.6/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 66.145 $\pm$ 29.924 χ^2 /NDF:4.4/6

Left: 75.084 $\pm$ 20.182 χ^2 /NDF: 12.1/15

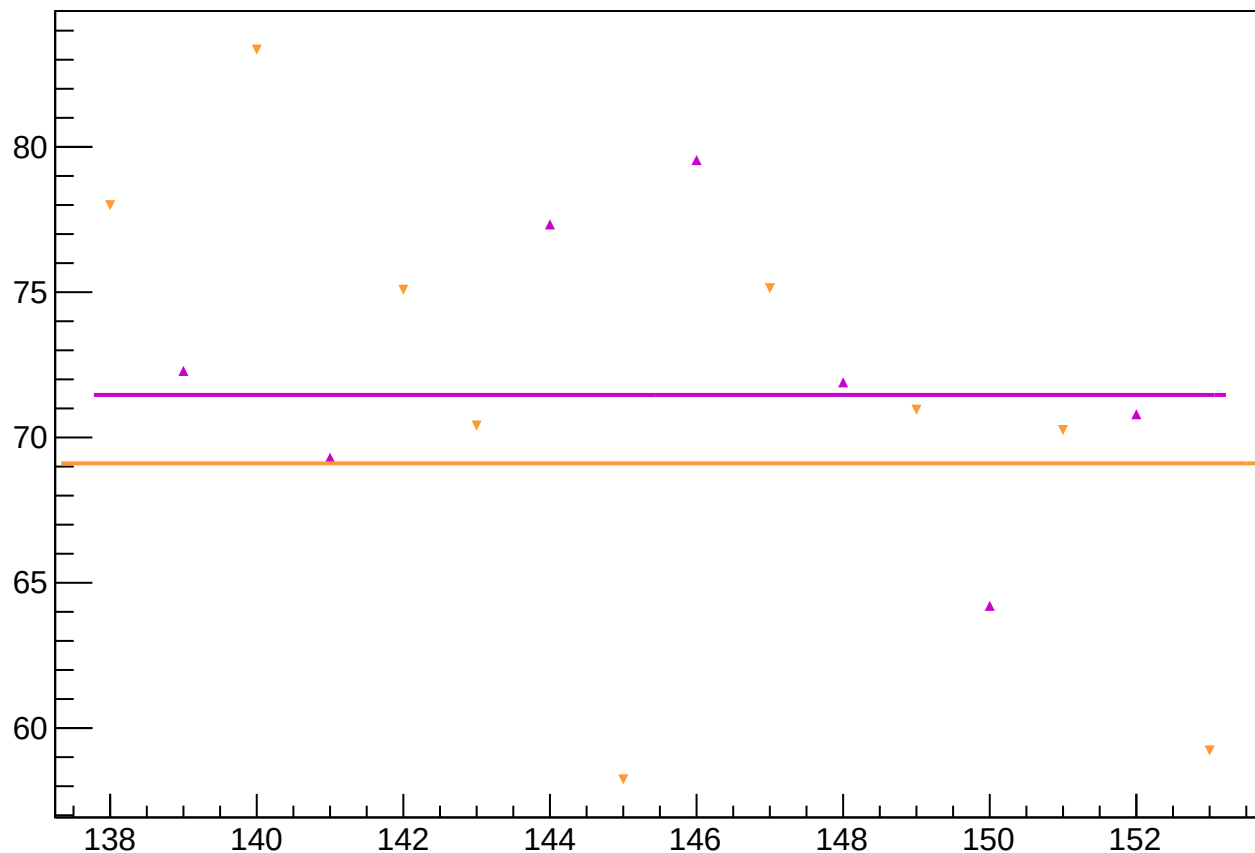
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 66.145 $\pm$ 29.924 χ^2 /NDF:4.4/6

Out: 82.543 $\pm$ 27.336 χ^2 /NDF:7.6/8

All: 75.084 $\pm$ 20.182 χ^2 /NDF: 12.1/15

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 69.109+/-0.019 χ^2/NDF :176609.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 71.465+/-0.021 χ^2/NDF :49666.3/6

Left: 70.181+/-0.014 χ^2/NDF : 233031.4/15

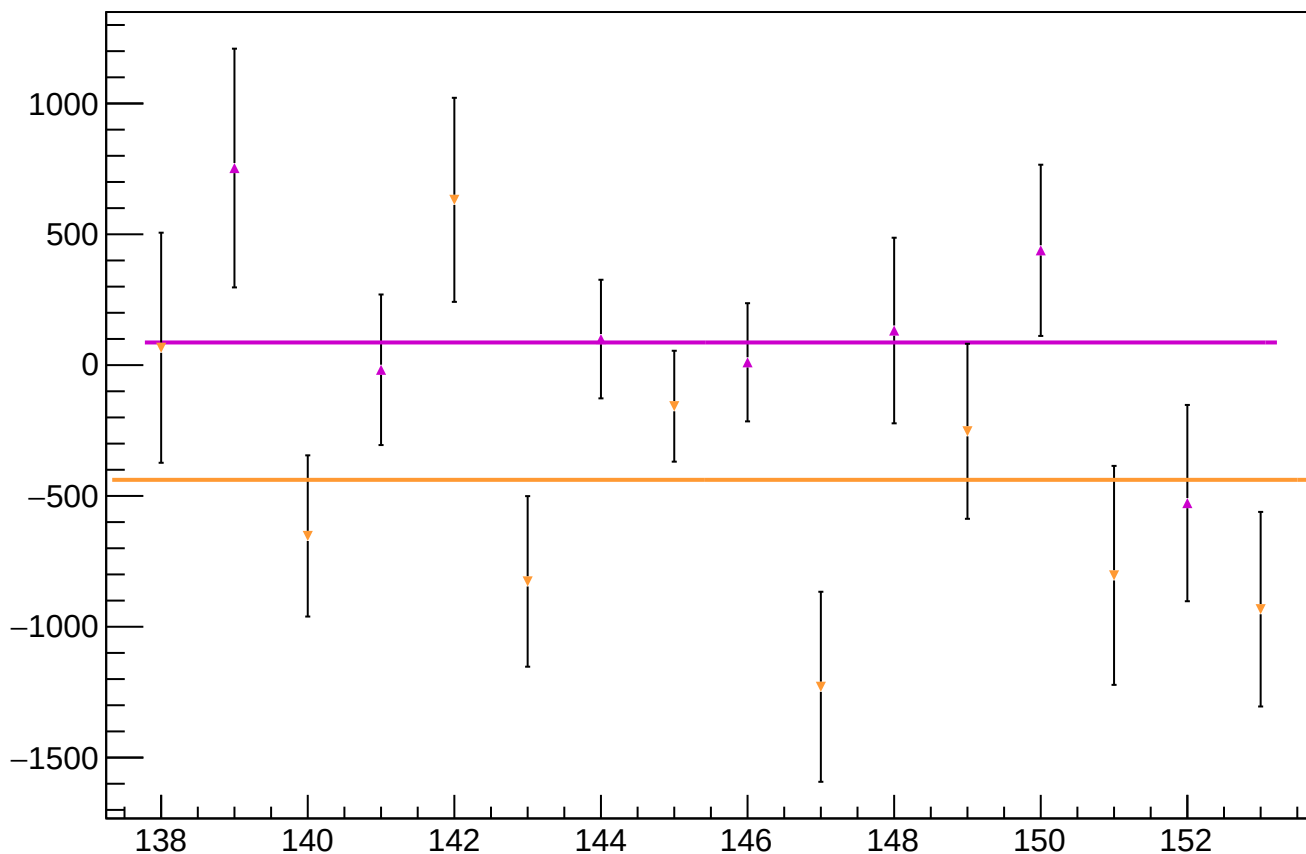
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 71.465+/-0.021 χ^2/NDF :49666.3/6

Out: 69.109+/-0.019 χ^2/NDF :176609.1/8

All: 70.181+/-0.014 χ^2/NDF : 233031.4/15

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -438.472+/-109.494 χ^2/NDF :20.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 86.559+/-111.563 χ^2/NDF :6.2/6

Left: -180.870+/-78.145 χ^2/NDF : 37.6/15

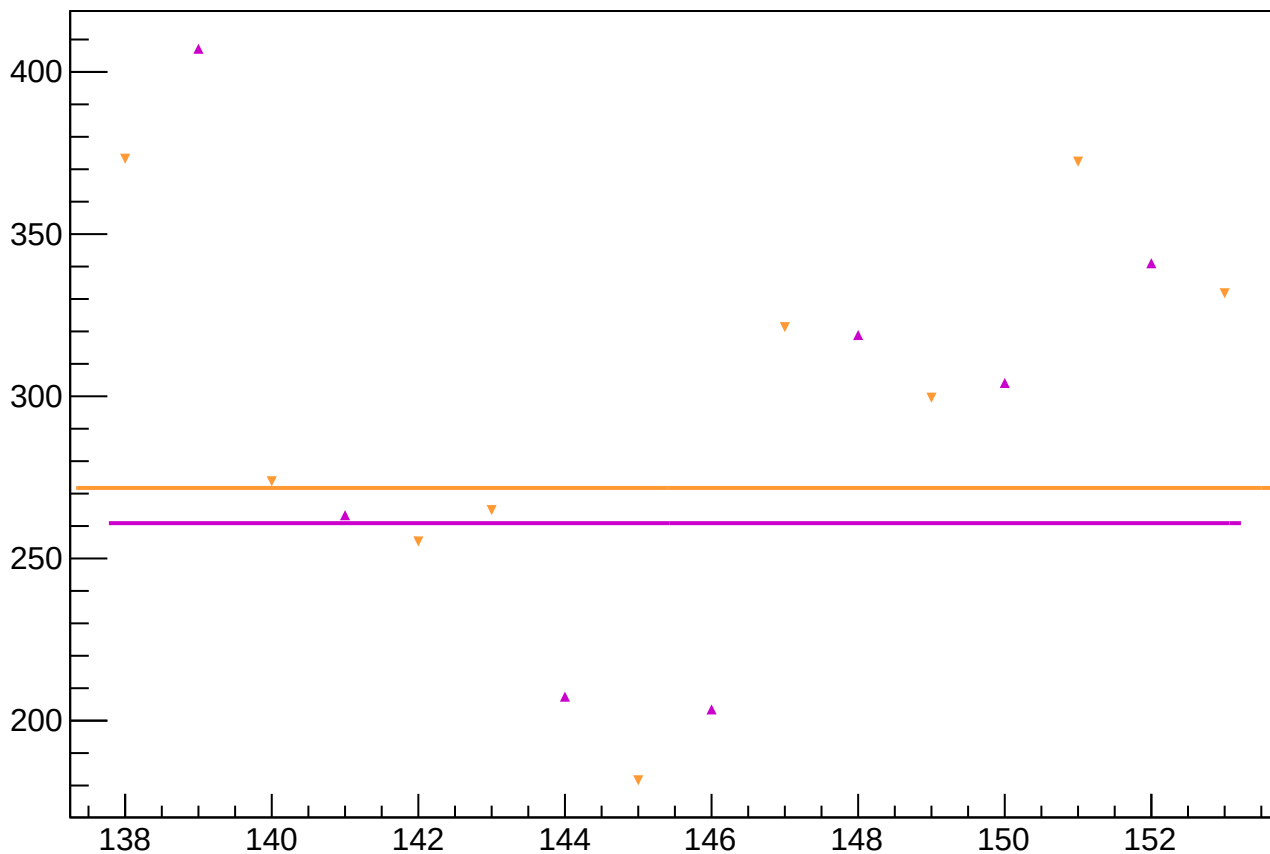
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.559+/-111.563 χ^2/NDF :6.2/6

Out: -438.472+/-109.494 χ^2/NDF :20.1/8

All: -180.870+/-78.145 χ^2/NDF : 37.6/15

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 271.747+/-0.077 χ^2/NDF :691552.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.889+/-0.079 χ^2/NDF :626036.3/6

Left: 266.419+/-0.055 χ^2/NDF : 1327238.1/15

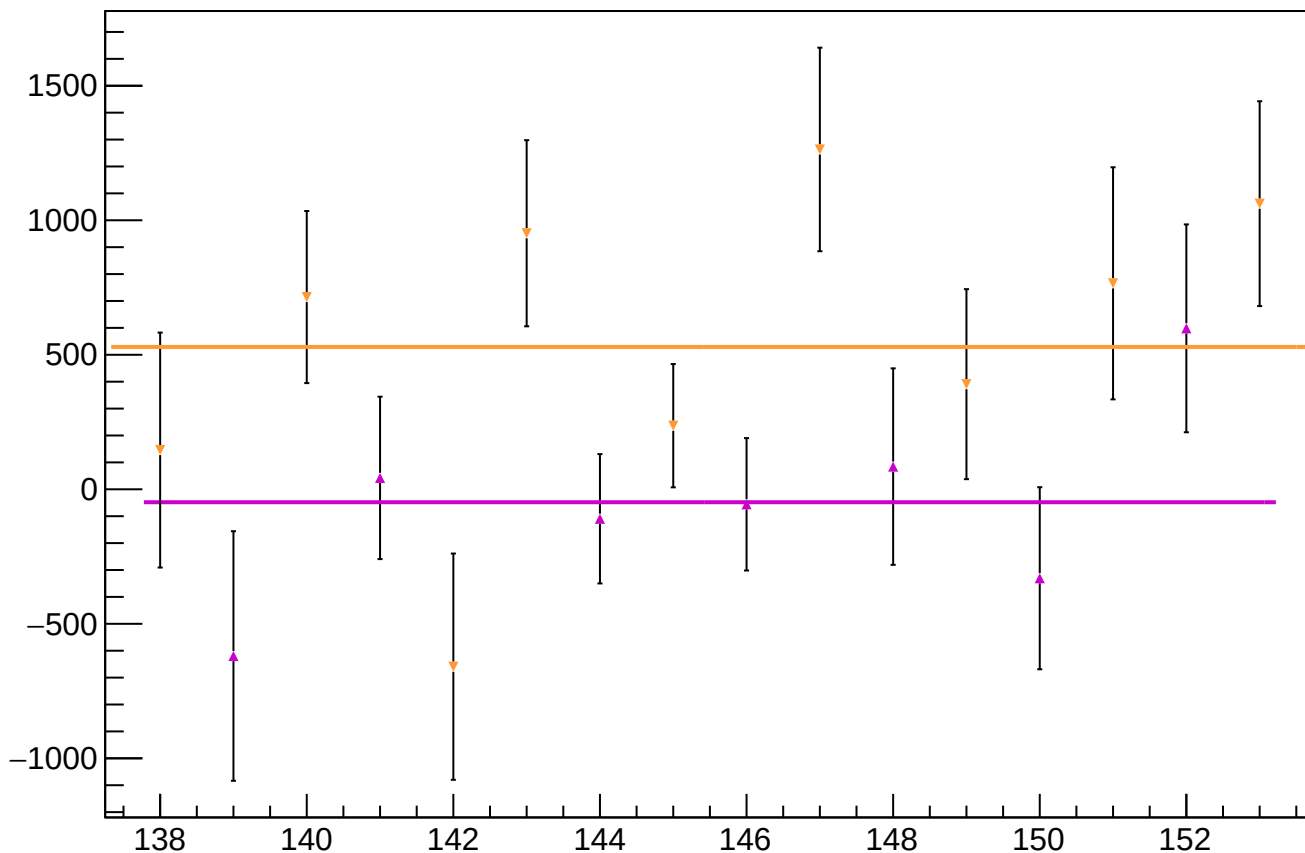
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.889+/-0.079 χ^2/NDF :626036.3/6

Out: 271.747+/-0.077 χ^2/NDF :691552.6/8

All: 266.419+/-0.055 χ^2/NDF : 1327238.1/15

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 529.159+/-115.193 χ^2/NDF :18.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.078+/-117.544 χ^2/NDF :5.3/6

Left: 246.372+/-82.272 χ^2/NDF : 36.0/15

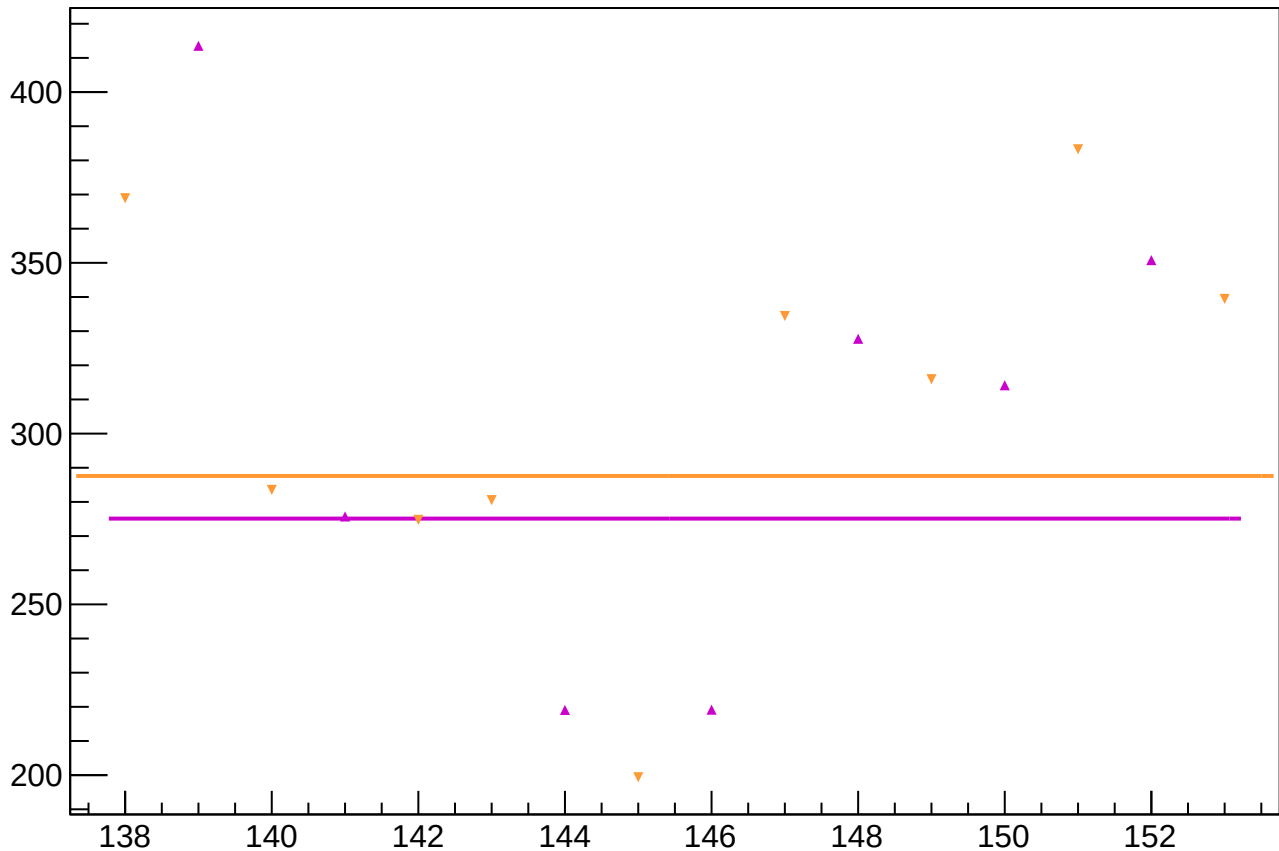
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.078+/-117.544 χ^2/NDF :5.3/6

Out: 529.159+/-115.193 χ^2/NDF :18.4/8

All: 246.372+/-82.272 χ^2/NDF : 36.0/15

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.598+/-0.081 χ^2/NDF :547860.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Left: 281.482+/-0.058 χ^2/NDF : 1094426.7/15

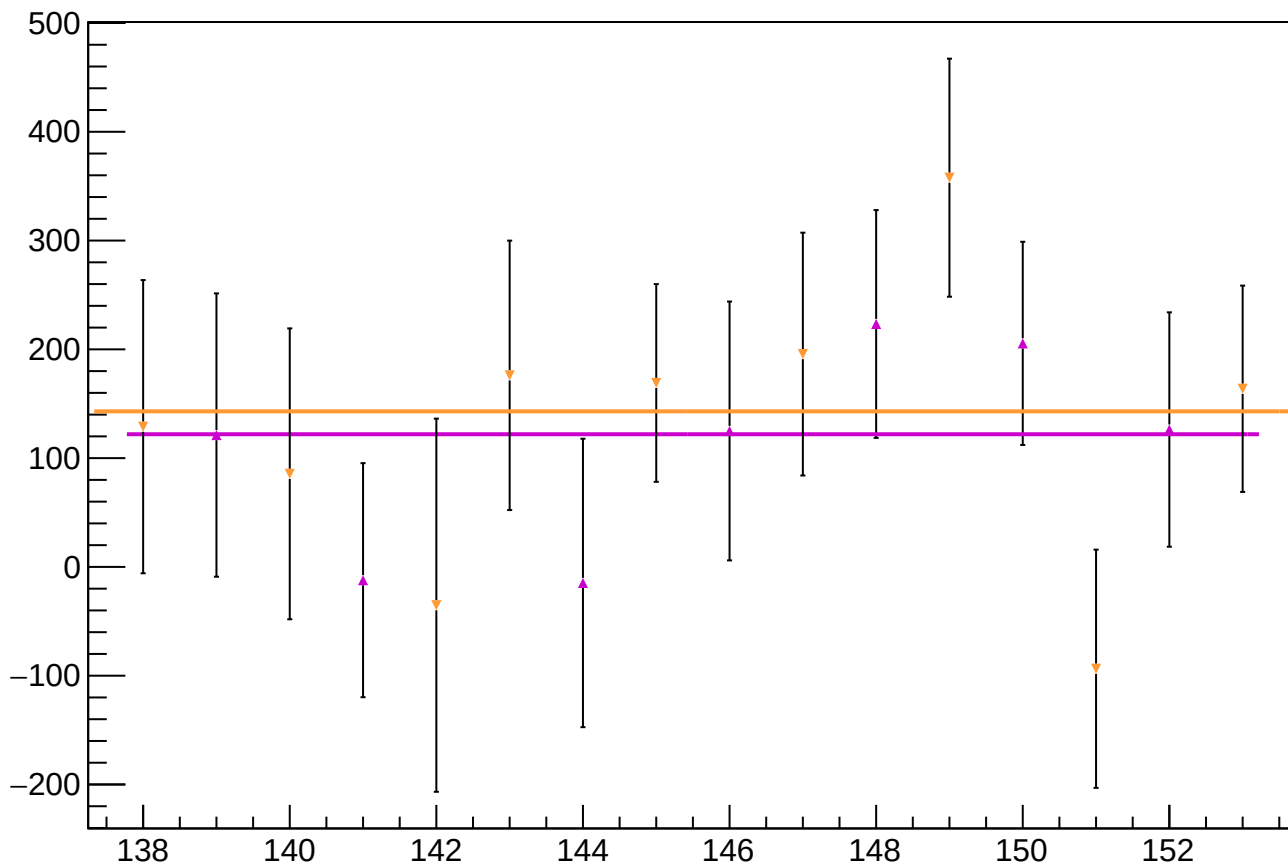
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Out: 287.598+/-0.081 χ^2/NDF :547860.1/8

All: 281.482+/-0.058 χ^2/NDF : 1094426.7/15

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 143.018+/-38.079 χ^2/NDF :10.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 121.959+/-42.072 χ^2/NDF :4.4/6

Left: 133.535+/-28.232 χ^2/NDF : 14.7/15

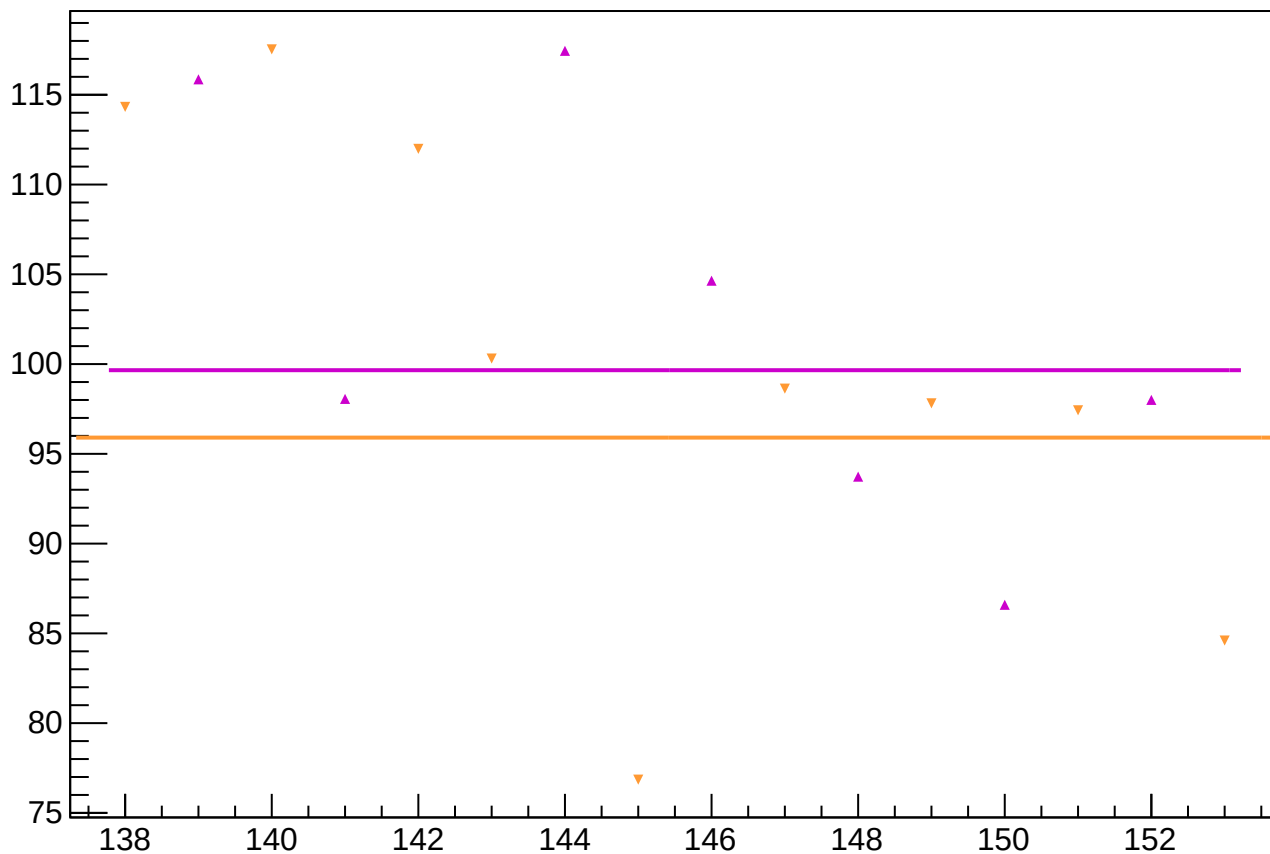
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.959+/-42.072 χ^2/NDF :4.4/6

Out: 143.018+/-38.079 χ^2/NDF :10.2/8

All: 133.535+/-28.232 χ^2/NDF : 14.7/15

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 95.905+/-0.027 χ^2/NDF :228270.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 99.659+/-0.030 χ^2/NDF :116960.4/6

Left: 97.595+/-0.020 χ^2/NDF : 353986.6/15

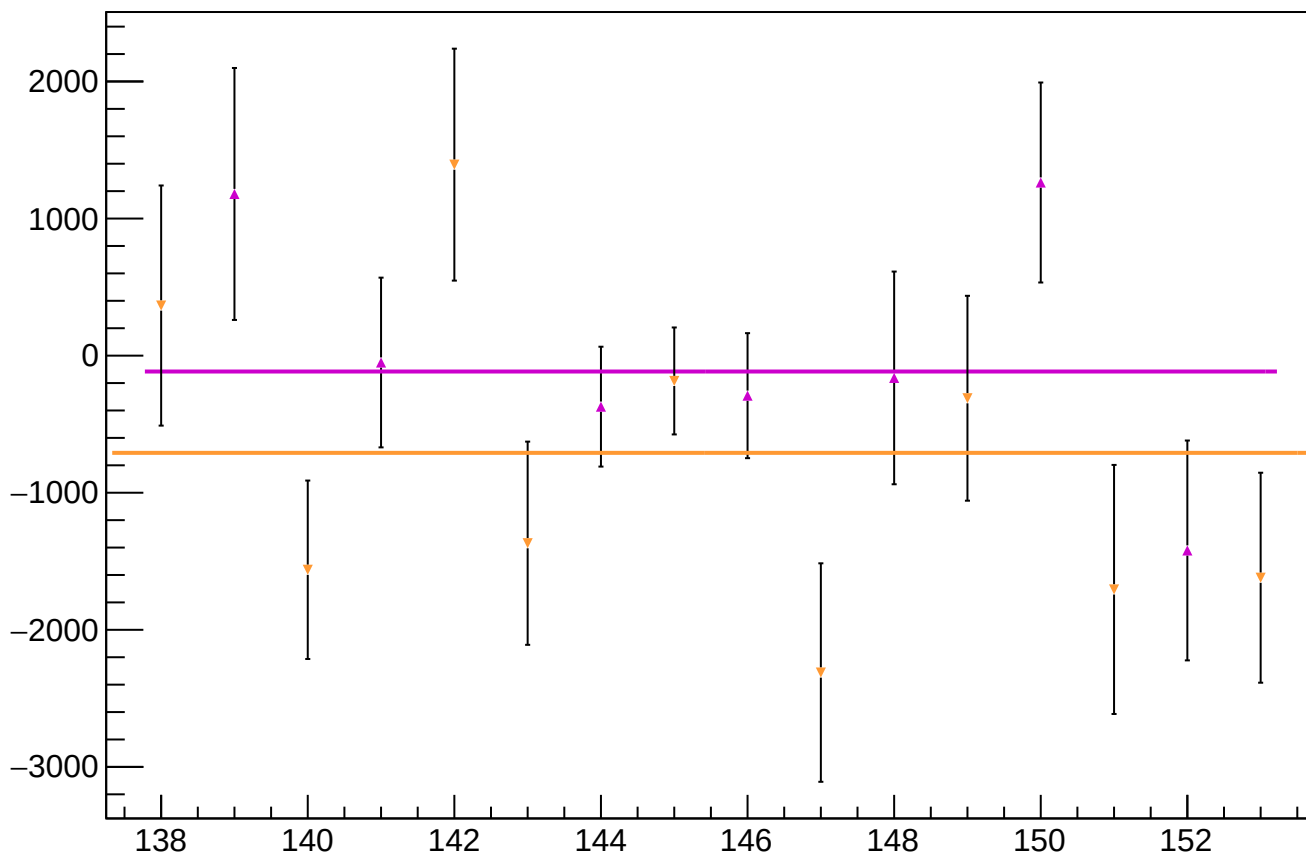
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 99.659+/-0.030 χ^2/NDF :116960.4/6

Out: 95.905+/-0.027 χ^2/NDF :228270.6/8

All: 97.595+/-0.020 χ^2/NDF : 353986.6/15

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -709.110+/-225.101 χ^2/NDF : 18.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -115.767+/-229.828 χ^2/NDF : 8.7/6

Left: -418.602+/-160.815 χ^2/NDF : 31.1/15

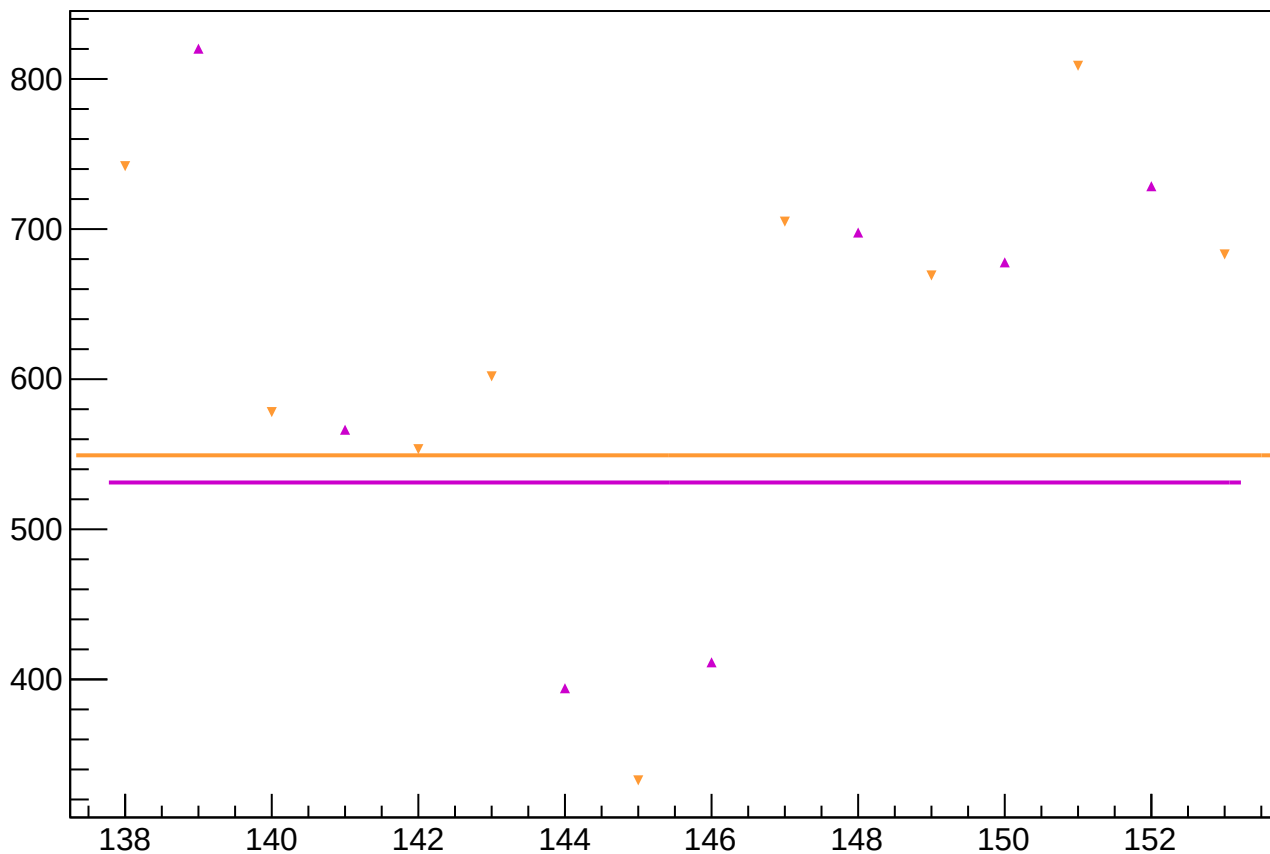
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -115.767+/-229.828 χ^2/NDF : 8.7/6

Out: -709.110+/-225.101 χ^2/NDF : 18.9/8

All: -418.602+/-160.815 χ^2/NDF : 31.1/15

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 549.286+/-0.159 χ^2/NDF :1079135.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 531.181+/-0.163 χ^2/NDF :833126.0/6

Left: 540.422+/-0.114 χ^2/NDF : 1918596.0/15

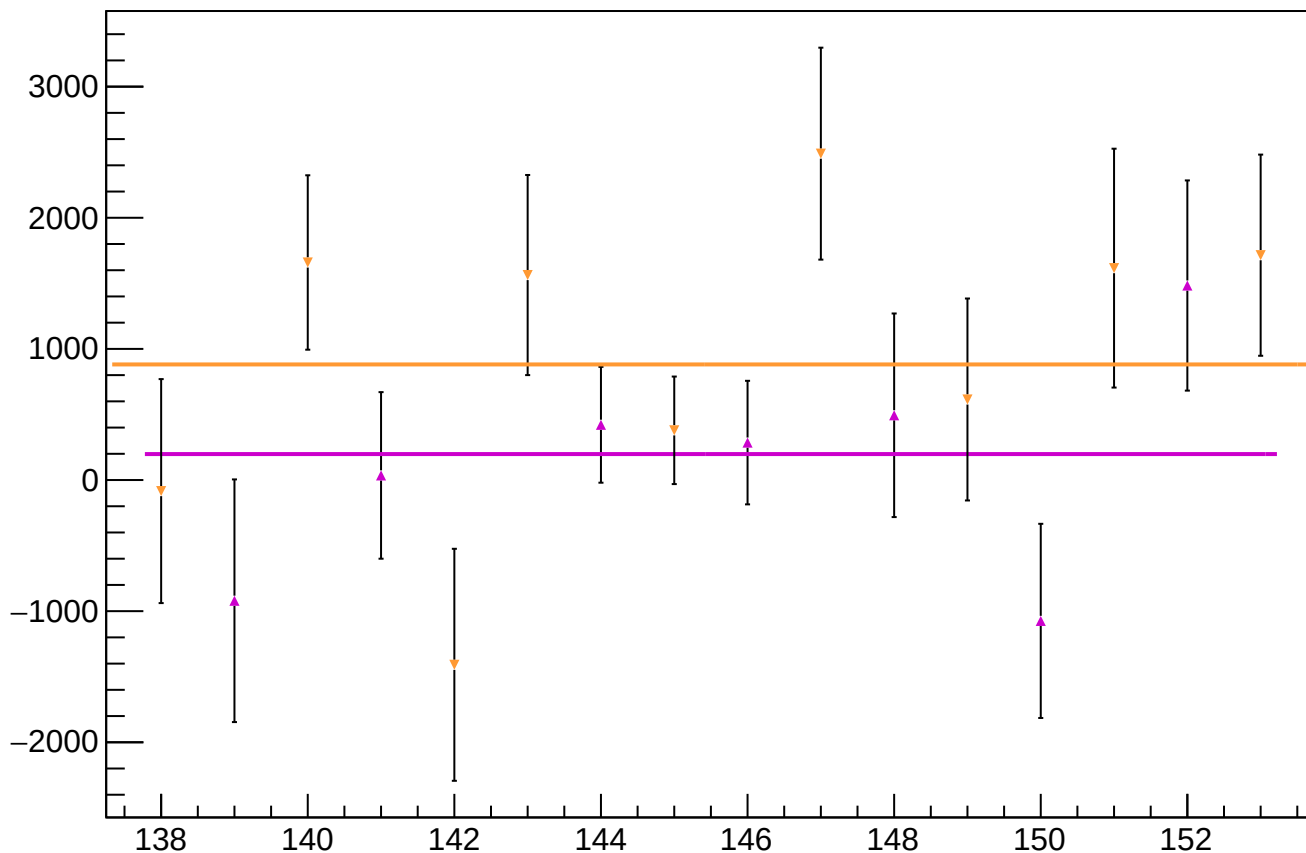
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 531.181+/-0.163 χ^2/NDF :833126.0/6

Out: 549.286+/-0.159 χ^2/NDF :1079135.7/8

All: 540.422+/-0.114 χ^2/NDF : 1918596.0/15

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 881.541+/-231.267 χ^2/NDF : 17.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.966+/-233.647 χ^2/NDF : 7.5/6

Left: 543.253+/-164.365 χ^2/NDF : 29.4/15

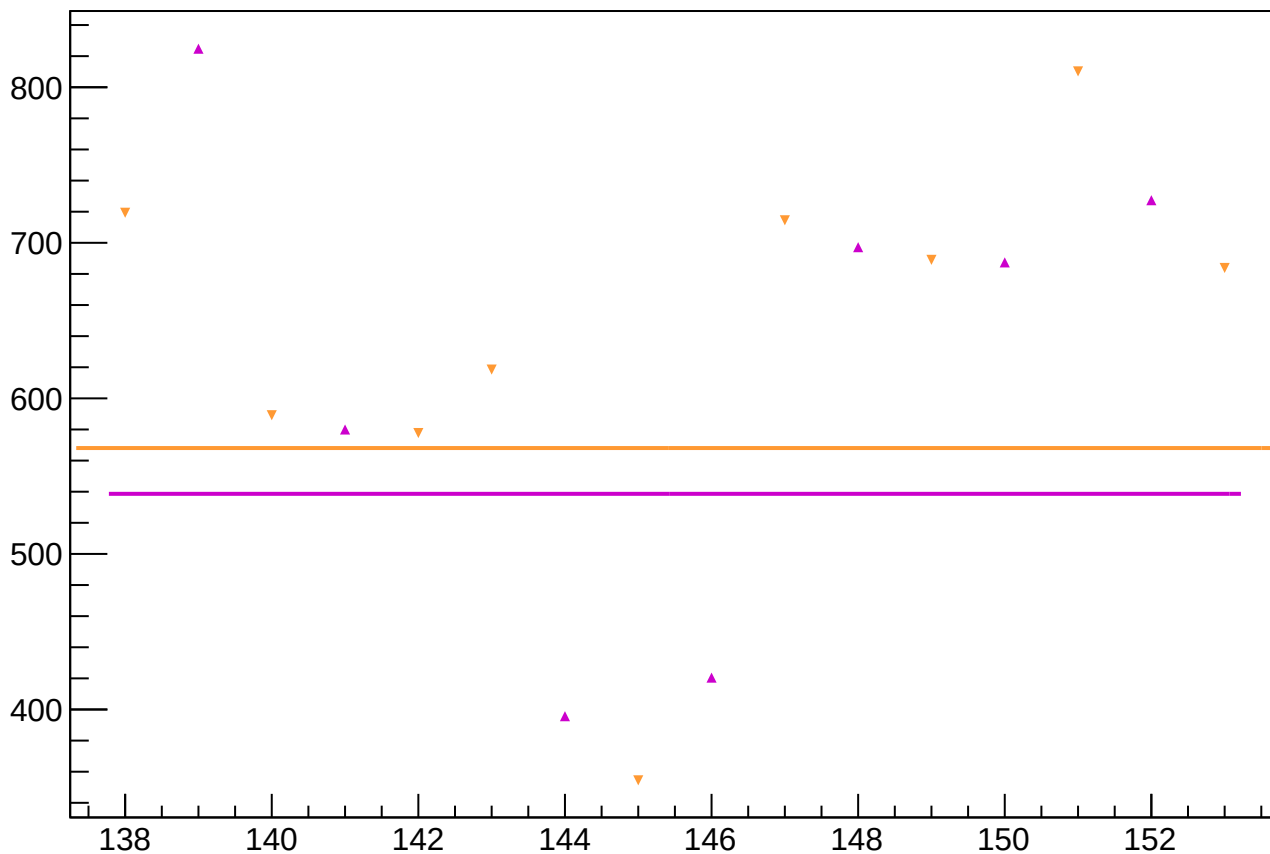
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.966+/-233.647 χ^2/NDF : 7.5/6

Out: 881.541+/-231.267 χ^2/NDF : 17.6/8

All: 543.253+/-164.365 χ^2/NDF : 29.4/15

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 568.068+/-0.164 χ^2/NDF : 918461.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Left: 553.502+/-0.116 χ^2/NDF : 1744683.1/15

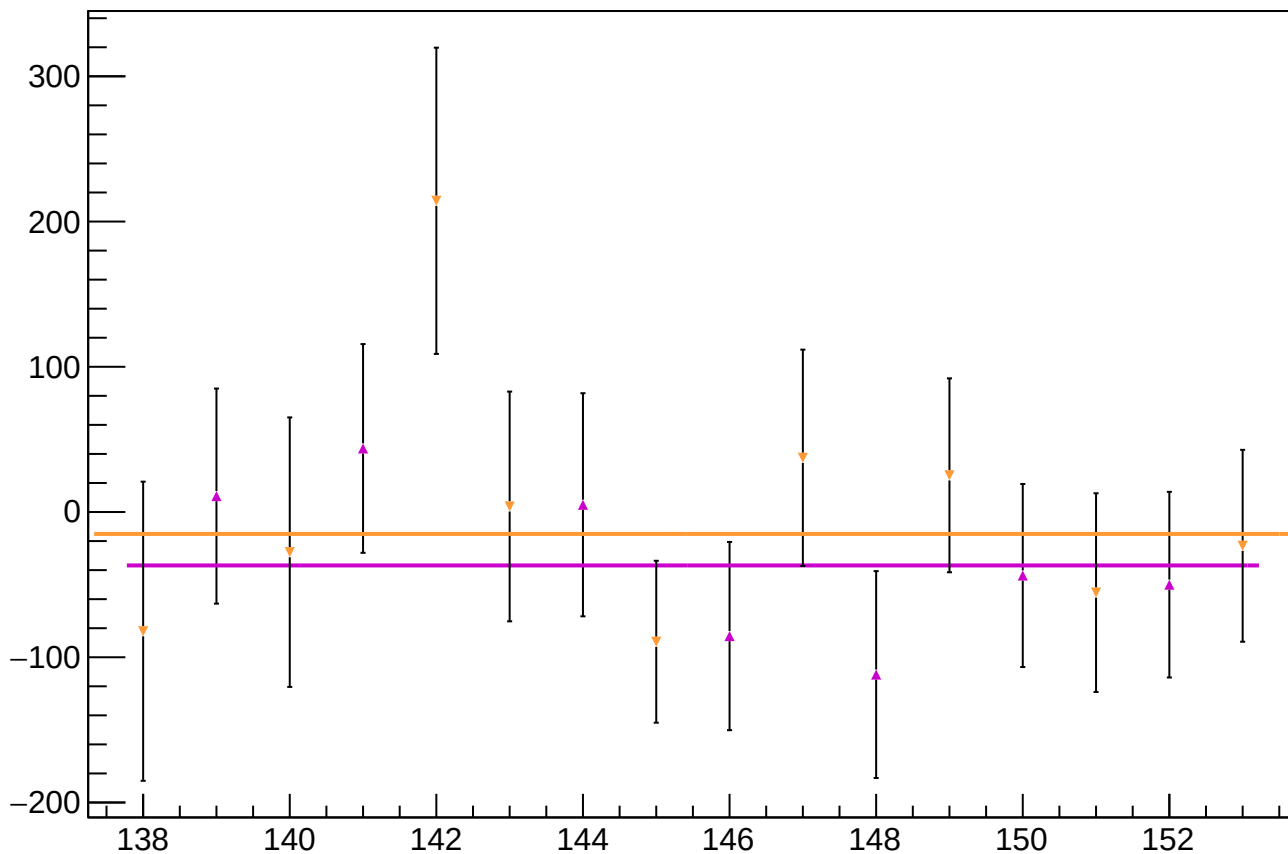
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Out: 568.068+/-0.164 χ^2/NDF : 918461.2/8

All: 553.502+/-0.116 χ^2/NDF : 1744683.1/15

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.085+/-24.773 χ^2/NDF : 8.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.771+/-26.018 χ^2/NDF : 3.7/6

Left: -25.397+/-17.941 χ^2/NDF : 12.3/15

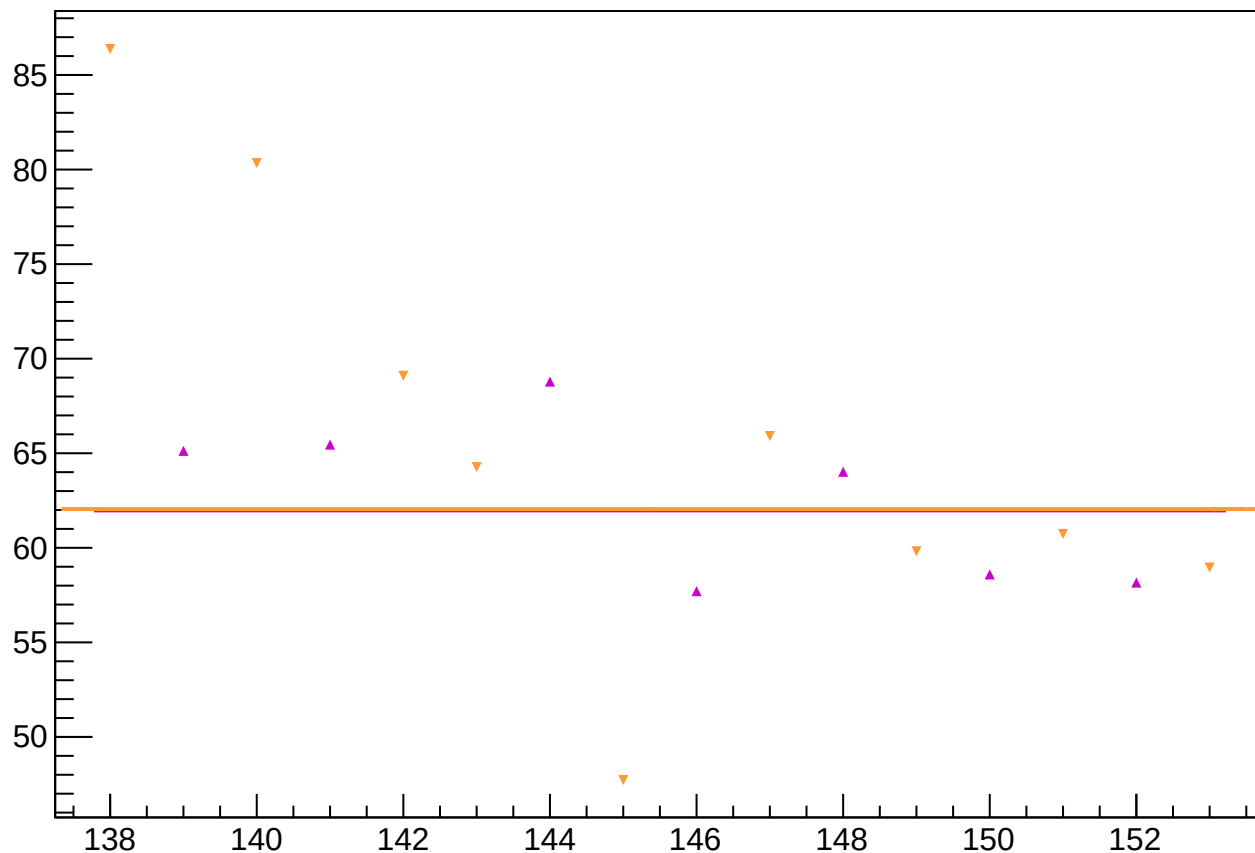
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.771+/-26.018 χ^2/NDF : 3.7/6

Out: -15.085+/-24.773 χ^2/NDF : 8.2/8

All: -25.397+/-17.941 χ^2/NDF : 12.3/15

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 62.049+/-0.018 χ^2/NDF :344635.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.979+/-0.018 χ^2/NDF :47262.8/6

Left: 62.016+/-0.013 χ^2/NDF : 391906.2/15

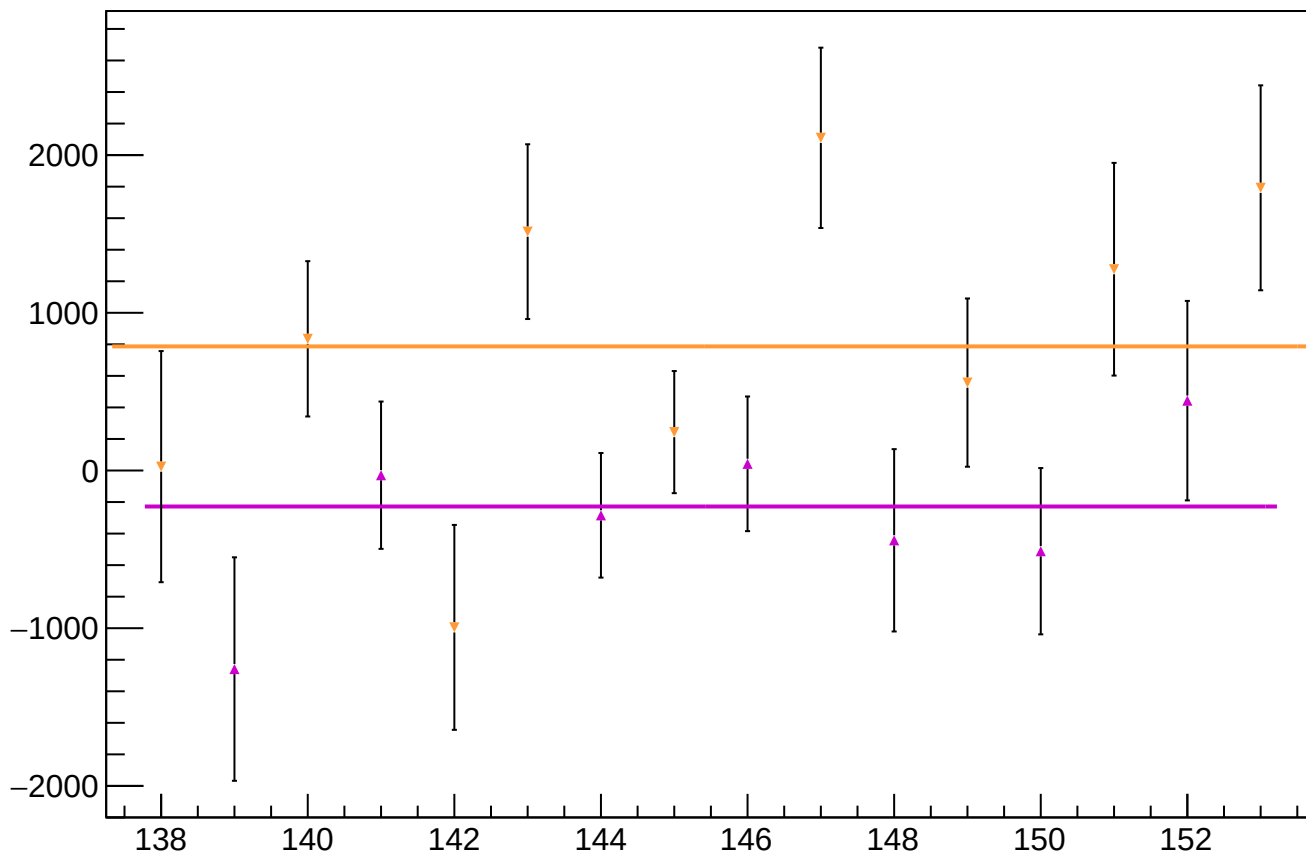
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.979+/-0.018 χ^2/NDF :47262.8/6

Out: 62.049+/-0.018 χ^2/NDF :344635.8/8

All: 62.016+/-0.013 χ^2/NDF : 391906.2/15

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 786.946+/-184.354 χ^2/NDF :20.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -228.241+/-190.490 χ^2/NDF :4.3/6

Left: 295.965+/-132.474 χ^2/NDF : 39.7/15

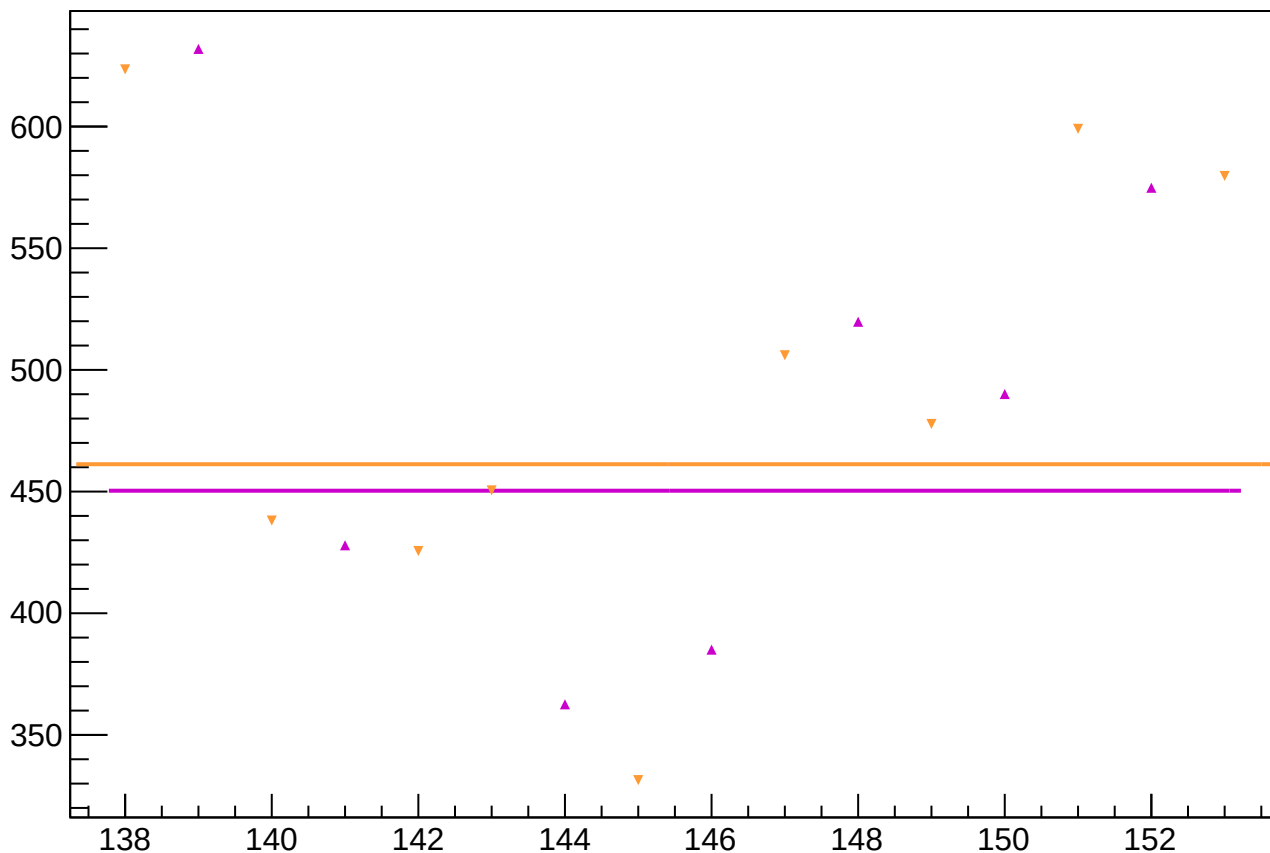
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -228.241+/-190.490 χ^2/NDF :4.3/6

Out: 786.946+/-184.354 χ^2/NDF :20.8/8

All: 295.965+/-132.474 χ^2/NDF : 39.7/15

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: 461.239+/-0.130 χ^2/NDF :498260.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 450.354+/-0.135 χ^2/NDF :399137.9/6

Left: 455.974+/-0.094 χ^2/NDF : 900770.4/15

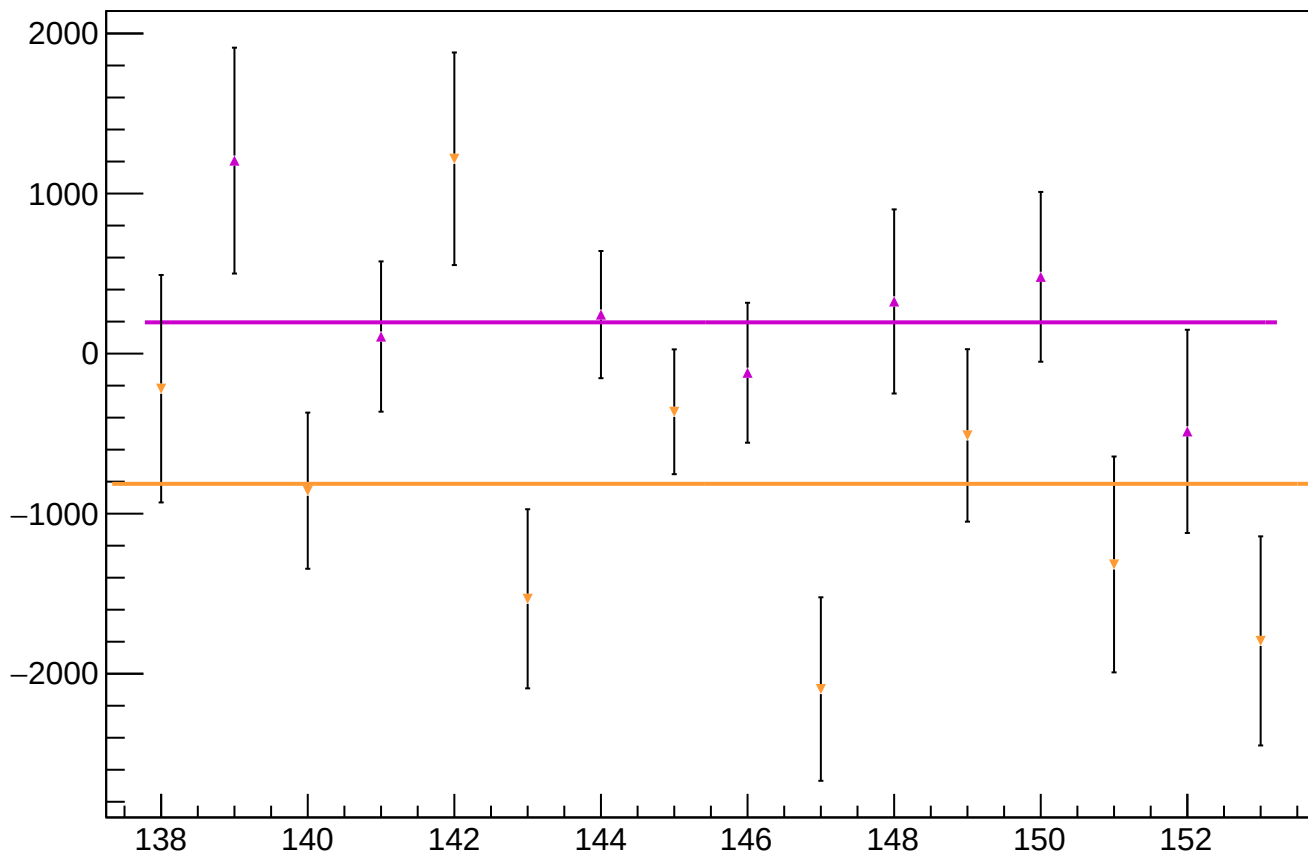
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 450.354+/-0.135 χ^2/NDF :399137.9/6

Out: 461.239+/-0.130 χ^2/NDF :498260.3/8

All: 455.974+/-0.094 χ^2/NDF : 900770.4/15

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -813.570+/-184.884 χ^2/NDF :21.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.325+/-191.839 χ^2/NDF :4.1/6

Left: -327.741+/-133.124 χ^2/NDF : 39.6/15

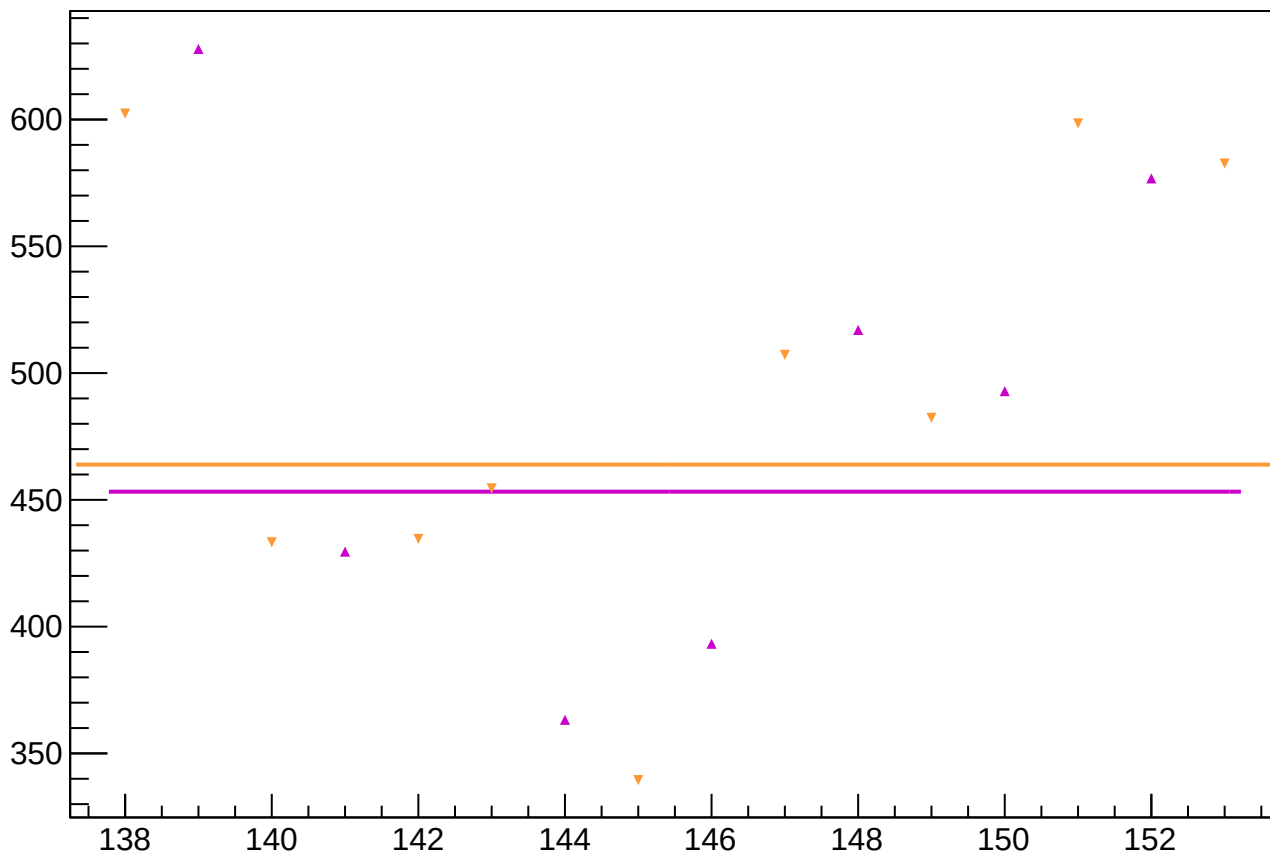
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.325+/-191.839 χ^2/NDF :4.1/6

Out: -813.570+/-184.884 χ^2/NDF :21.2/8

All: -327.741+/-133.124 χ^2/NDF : 39.6/15

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 463.909+/-0.131 χ^2/NDF : 451462.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Left: 458.765+/-0.094 χ^2/NDF : 833958.4/15

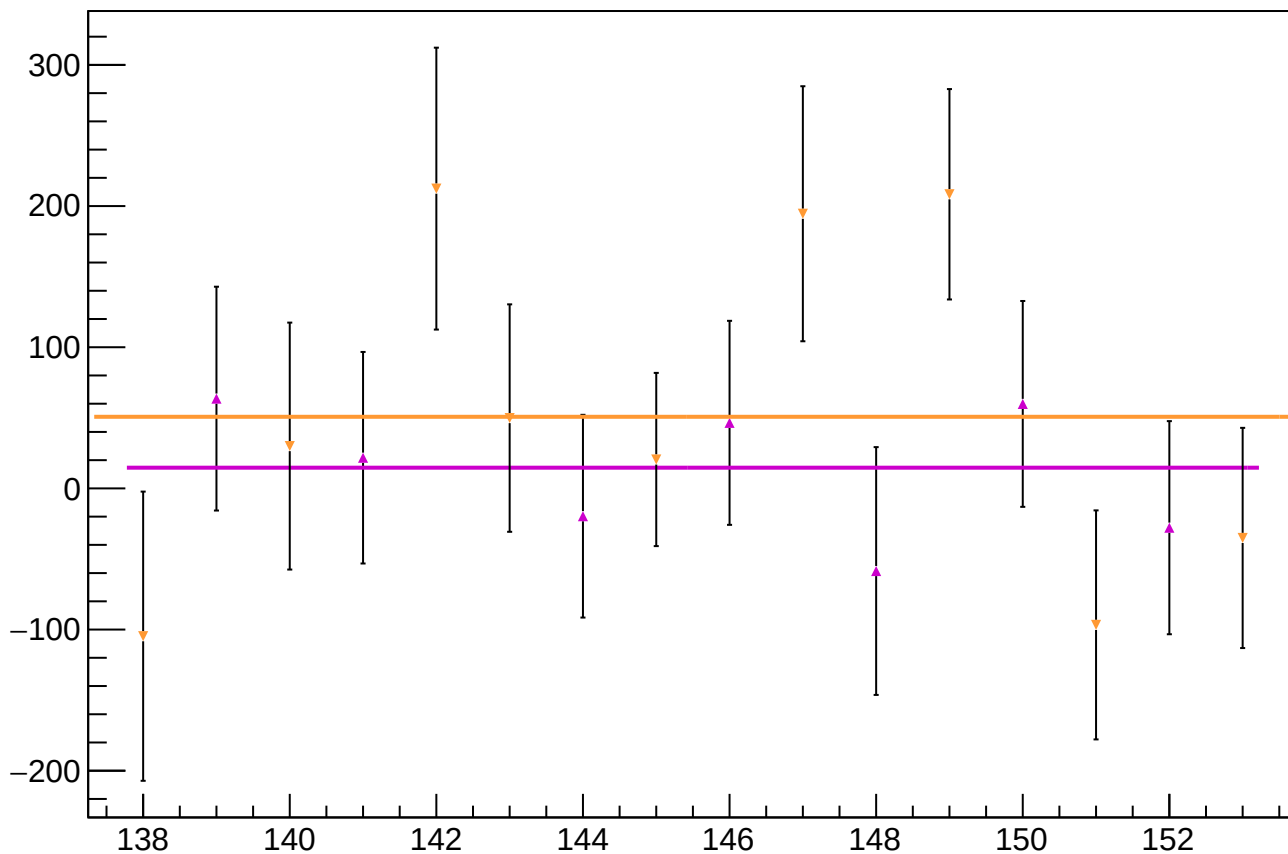
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Out: 463.909+/-0.131 χ^2/NDF : 451462.5/8

All: 458.765+/-0.094 χ^2/NDF : 833958.4/15

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 50.730+/-27.067 χ^2/NDF :16.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.670+/-28.678 χ^2/NDF :2.2/6

Left: 33.741+/-19.684 χ^2/NDF : 19.8/15

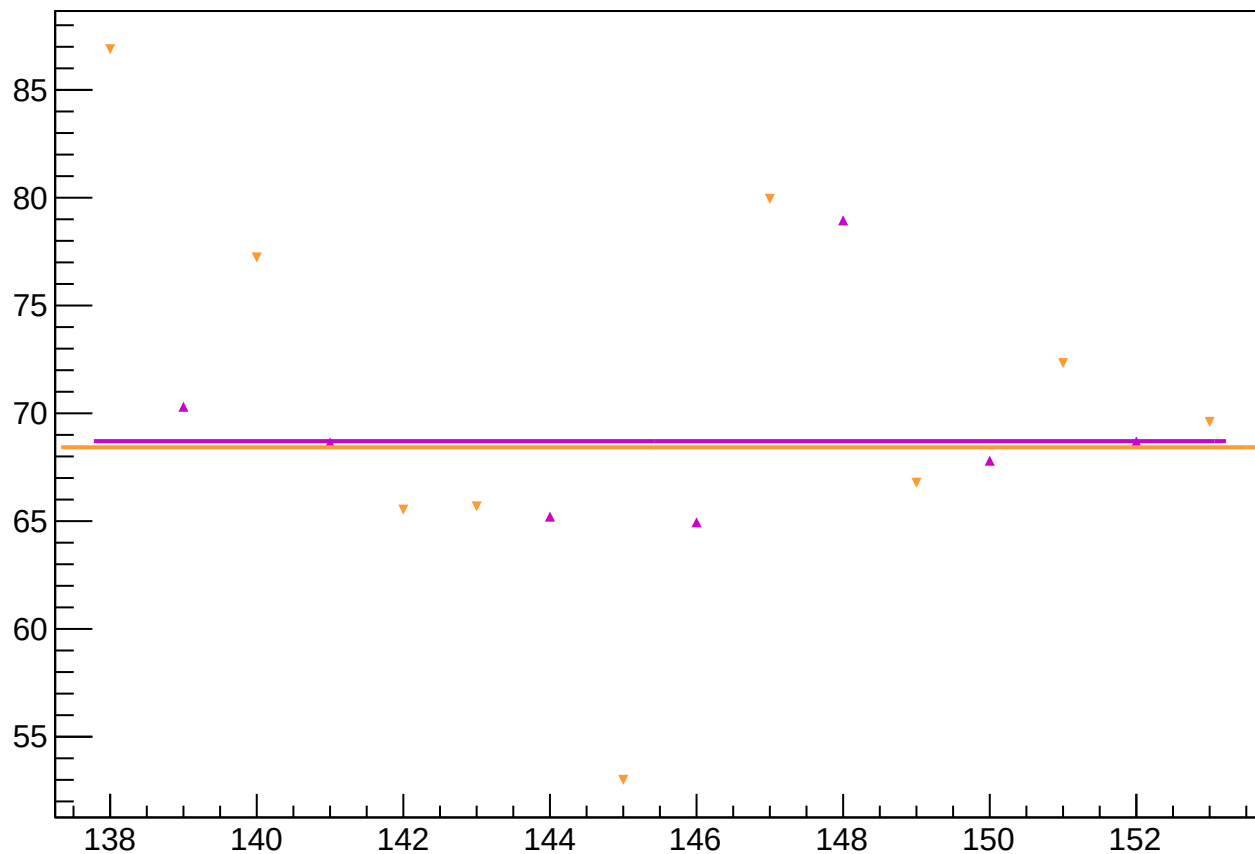
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.670+/-28.678 χ^2/NDF :2.2/6

Out: 50.730+/-27.067 χ^2/NDF :16.7/8

All: 33.741+/-19.684 χ^2/NDF : 19.8/15

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 68.426+/-0.019 χ^2/NDF :254245.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 68.711+/-0.020 χ^2/NDF :38513.7/6

Left: 68.561+/-0.014 χ^2/NDF : 292863.9/15

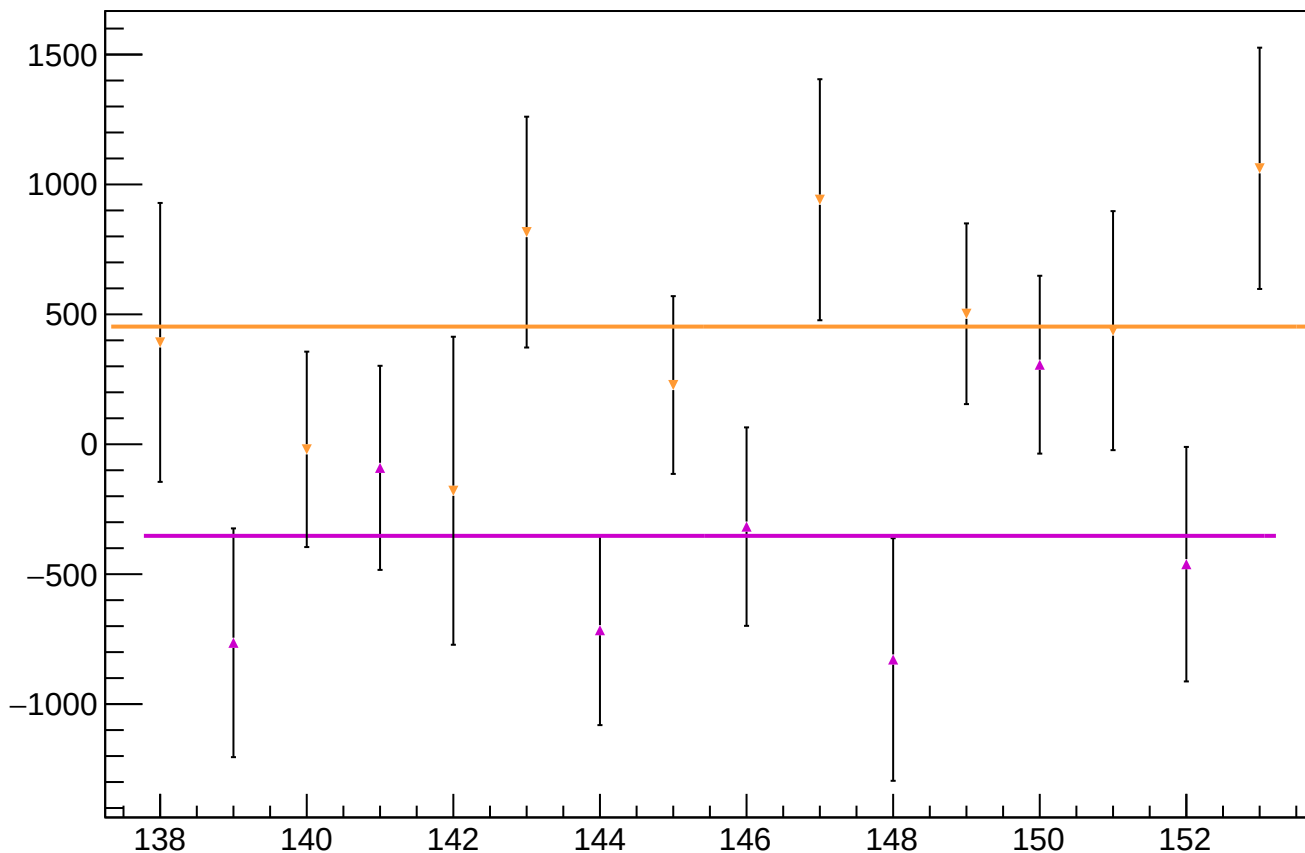
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 68.711+/-0.020 χ^2/NDF :38513.7/6

Out: 68.426+/-0.019 χ^2/NDF :254245.6/8

All: 68.561+/-0.014 χ^2/NDF : 292863.9/15

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 452.909+/-142.450 χ^2/NDF :6.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -352.479+/-150.715 χ^2/NDF :7.1/6

Left: 72.901+/-103.526 χ^2/NDF : 28.9/15

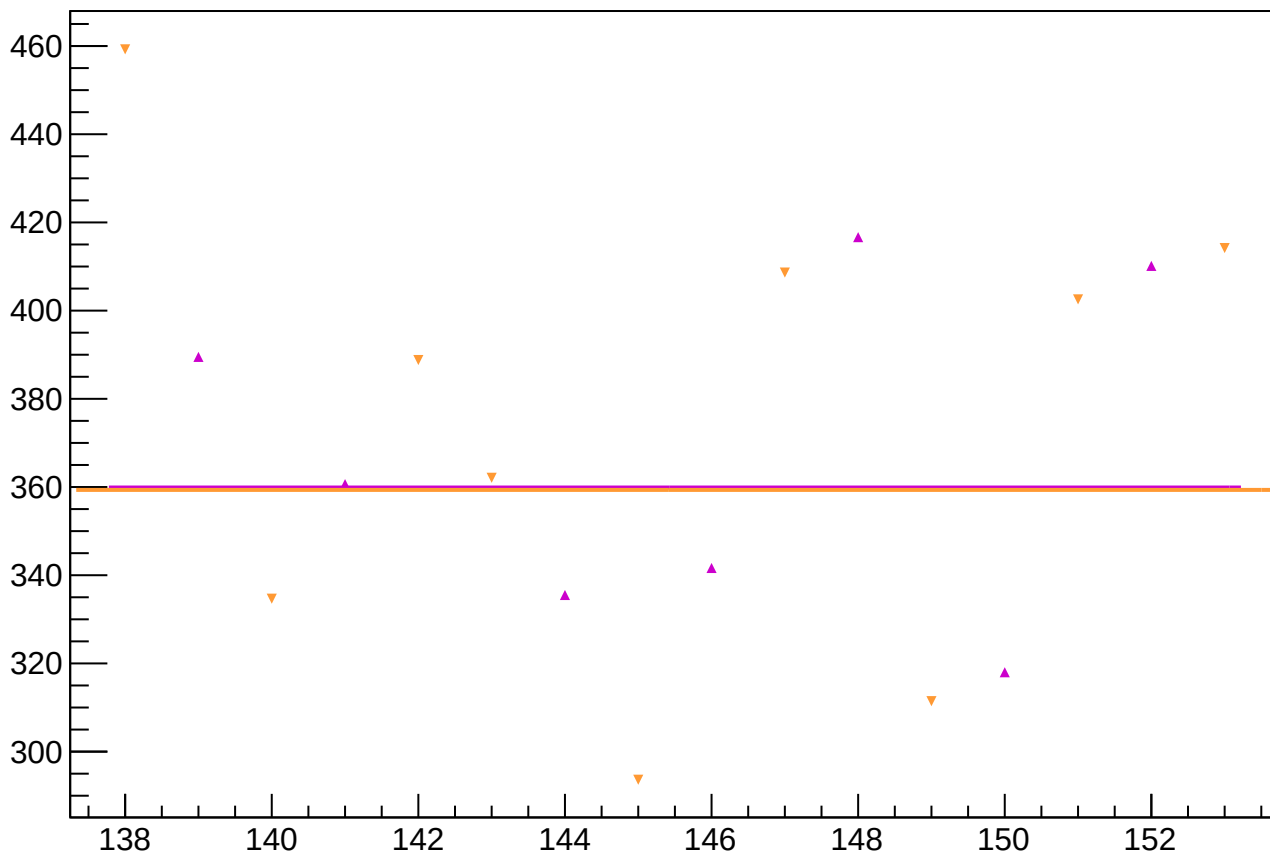
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -352.479+/-150.715 χ^2/NDF :7.1/6

Out: 452.909+/-142.450 χ^2/NDF :6.7/8

All: 72.901+/-103.526 χ^2/NDF : 28.9/15

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: 359.347+/-0.101 χ^2/NDF :262781.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.886+/-0.107 χ^2/NDF :106865.3/6

Left: 359.601+/-0.073 χ^2/NDF : 369659.8/15

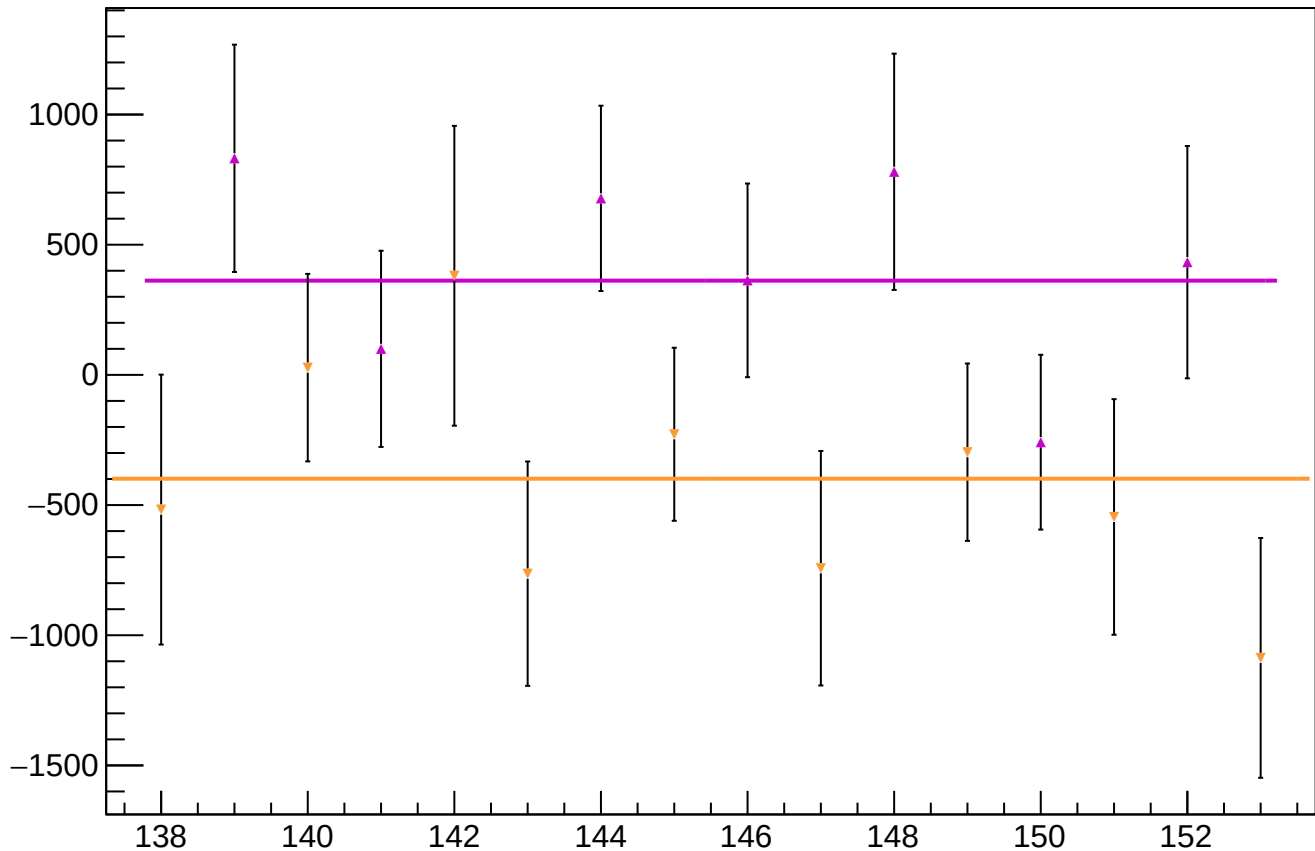
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.886+/-0.107 χ^2/NDF :106865.3/6

Out: 359.347+/-0.101 χ^2/NDF :262781.0/8

All: 359.601+/-0.073 χ^2/NDF : 369659.8/15

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -398.722+/-138.628 χ^2/NDF : 7.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Left: -41.071+/-100.910 χ^2/NDF : 28.2/15

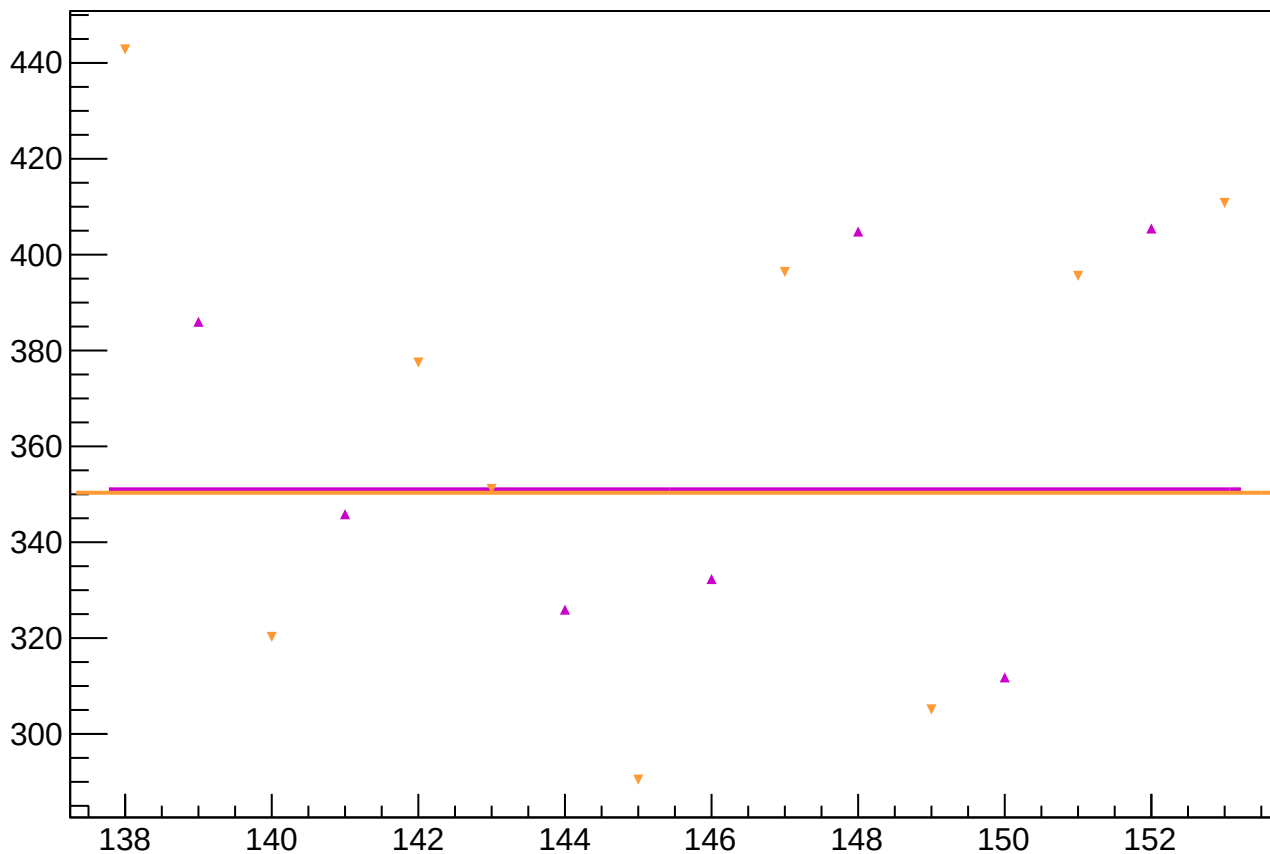
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Out: -398.722+/-138.628 χ^2/NDF : 7.3/8

All: -41.071+/-100.910 χ^2/NDF : 28.2/15

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 350.326+/-0.098 χ^2/NDF : 257609.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 351.037+/-0.104 χ^2/NDF : 113408.3/6

Left: 350.660+/-0.071 χ^2/NDF : 371042.5/15

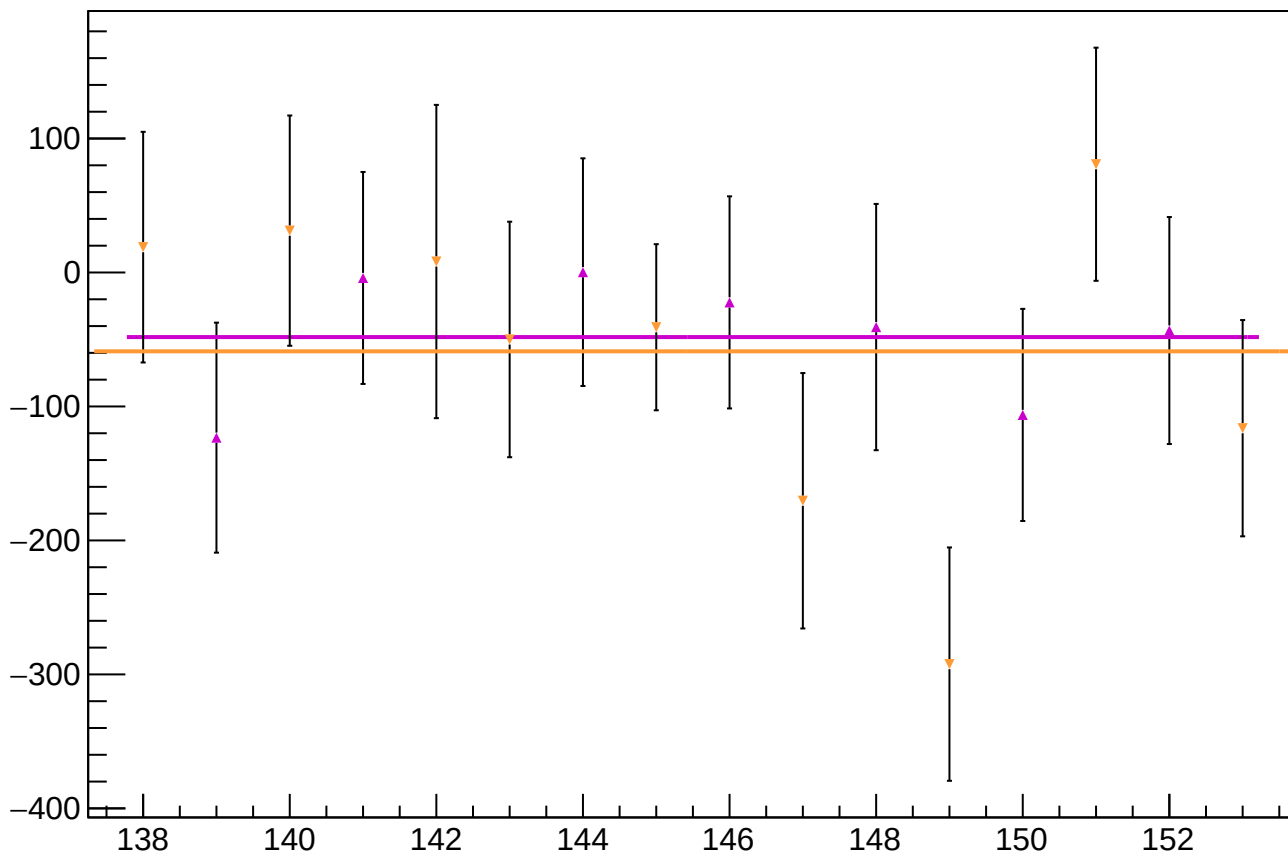
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.037+/-0.104 χ^2/NDF : 113408.3/6

Out: 350.326+/-0.098 χ^2/NDF : 257609.5/8

All: 350.660+/-0.071 χ^2/NDF : 371042.5/15

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.844+/-28.166 χ^2/NDF :14.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.210+/-31.452 χ^2/NDF :2.1/6

Left: -54.112+/-20.982 χ^2/NDF : 16.1/15

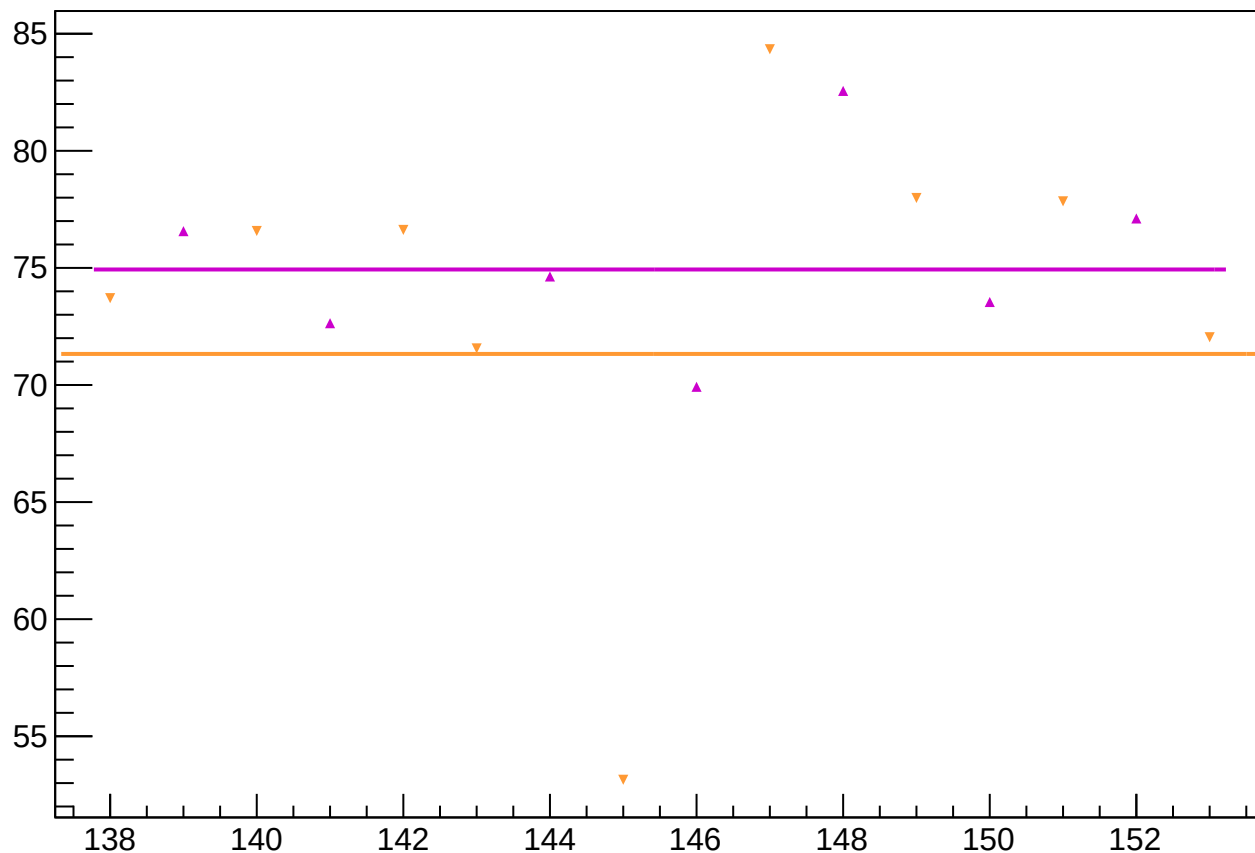
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.210+/-31.452 χ^2/NDF :2.1/6

Out: -58.844+/-28.166 χ^2/NDF :14.0/8

All: -54.112+/-20.982 χ^2/NDF : 16.1/15

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 71.326+/-0.020 χ^2/NDF :245486.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 74.933+/-0.022 χ^2/NDF :26148.5/6

Left: 72.931+/-0.015 χ^2/NDF : 286228.2/15

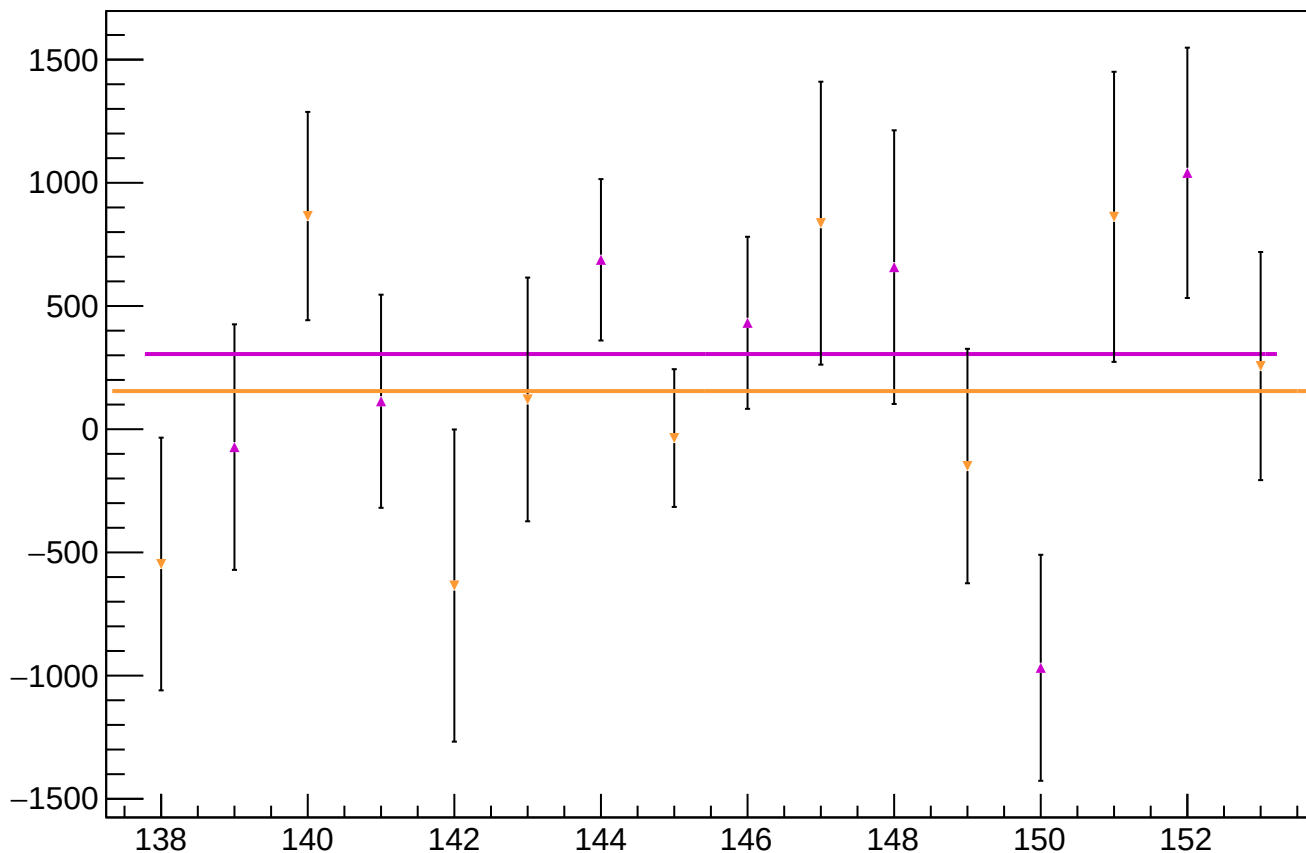
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 74.933+/-0.022 χ^2/NDF :26148.5/6

Out: 71.326+/-0.020 χ^2/NDF :245486.9/8

All: 72.931+/-0.015 χ^2/NDF : 286228.2/15

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: 154.767+/-151.132 χ^2/NDF :10.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 305.085+/-160.600 χ^2/NDF :12.5/6

Left: 225.364+/-110.061 χ^2/NDF : 23.0/15

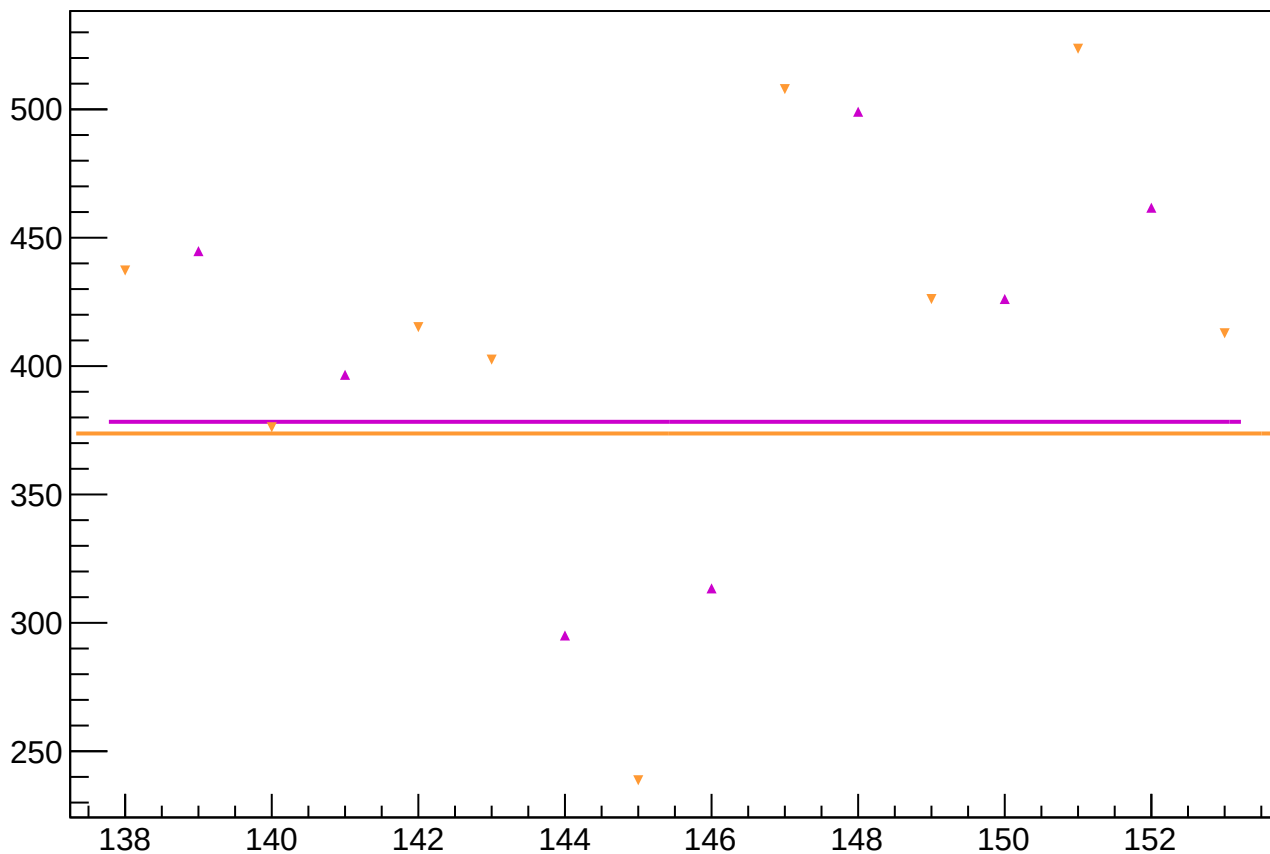
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 305.085+/-160.600 χ^2/NDF :12.5/6

Out: 154.767+/-151.132 χ^2/NDF :10.0/8

All: 225.364+/-110.061 χ^2/NDF : 23.0/15

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: 373.754+/-0.107 χ^2/NDF : 790158.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.303+/-0.114 χ^2/NDF : 407606.4/6

Left: 375.890+/-0.078 χ^2/NDF : 1198615.6/15

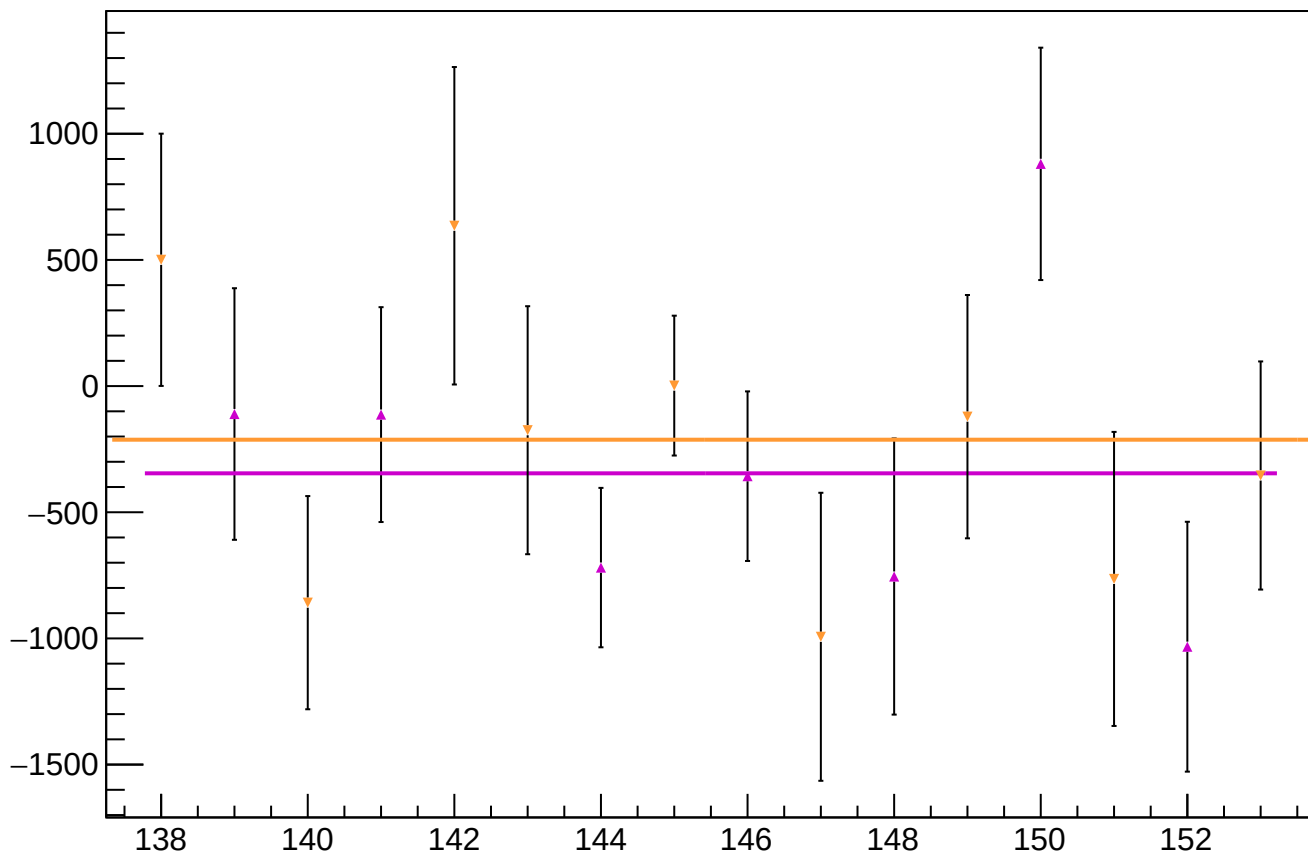
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.303+/-0.114 χ^2/NDF : 407606.4/6

Out: 373.754+/-0.107 χ^2/NDF : 790158.0/8

All: 375.890+/-0.078 χ^2/NDF : 1198615.6/15

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -212.503+/-149.898 χ^2/NDF : 9.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Left: -276.020+/-108.428 χ^2/NDF : 21.6/15

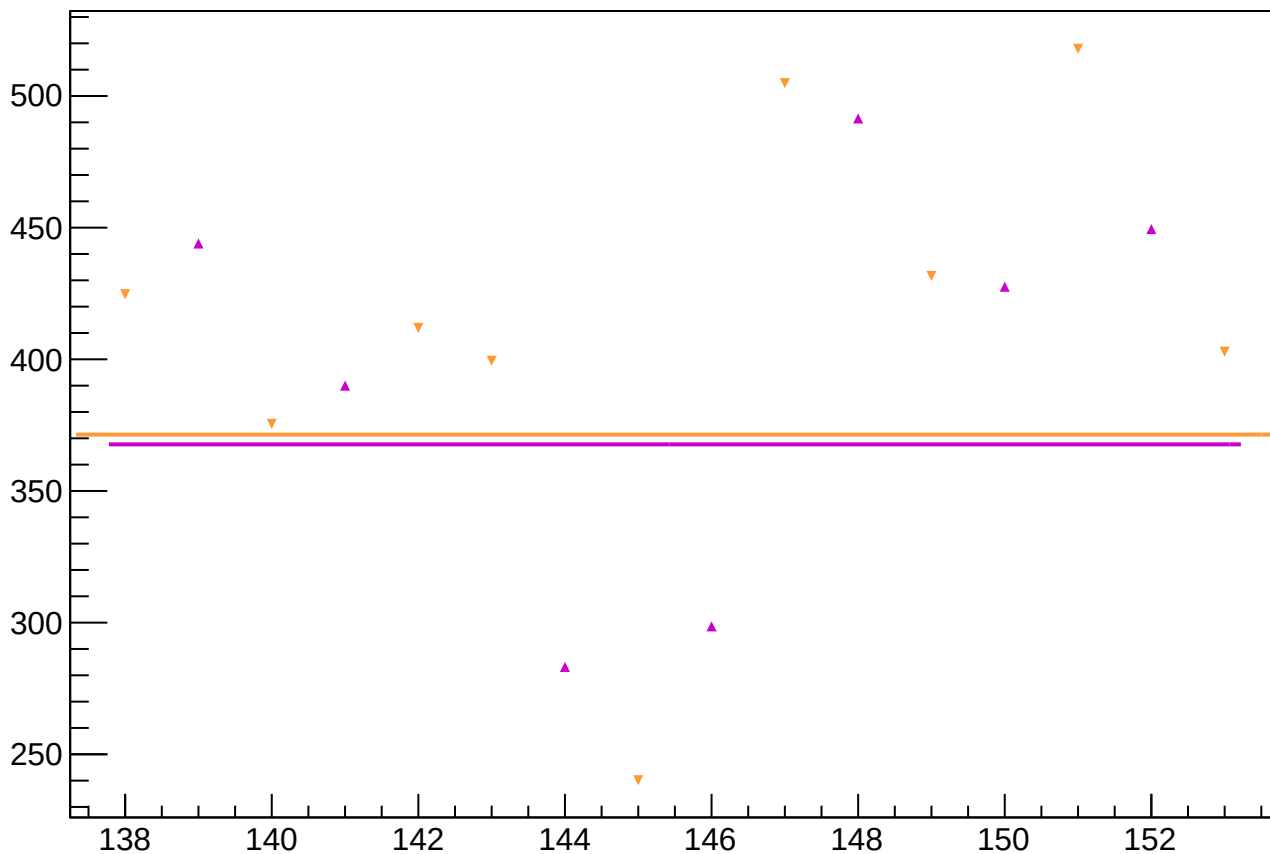
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Out: -212.503+/-149.898 χ^2/NDF : 9.7/8

All: -276.020+/-108.428 χ^2/NDF : 21.6/15

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.409+/-0.106 χ^2/NDF : 763397.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Left: 369.640+/-0.077 χ^2/NDF : 1234833.0/15

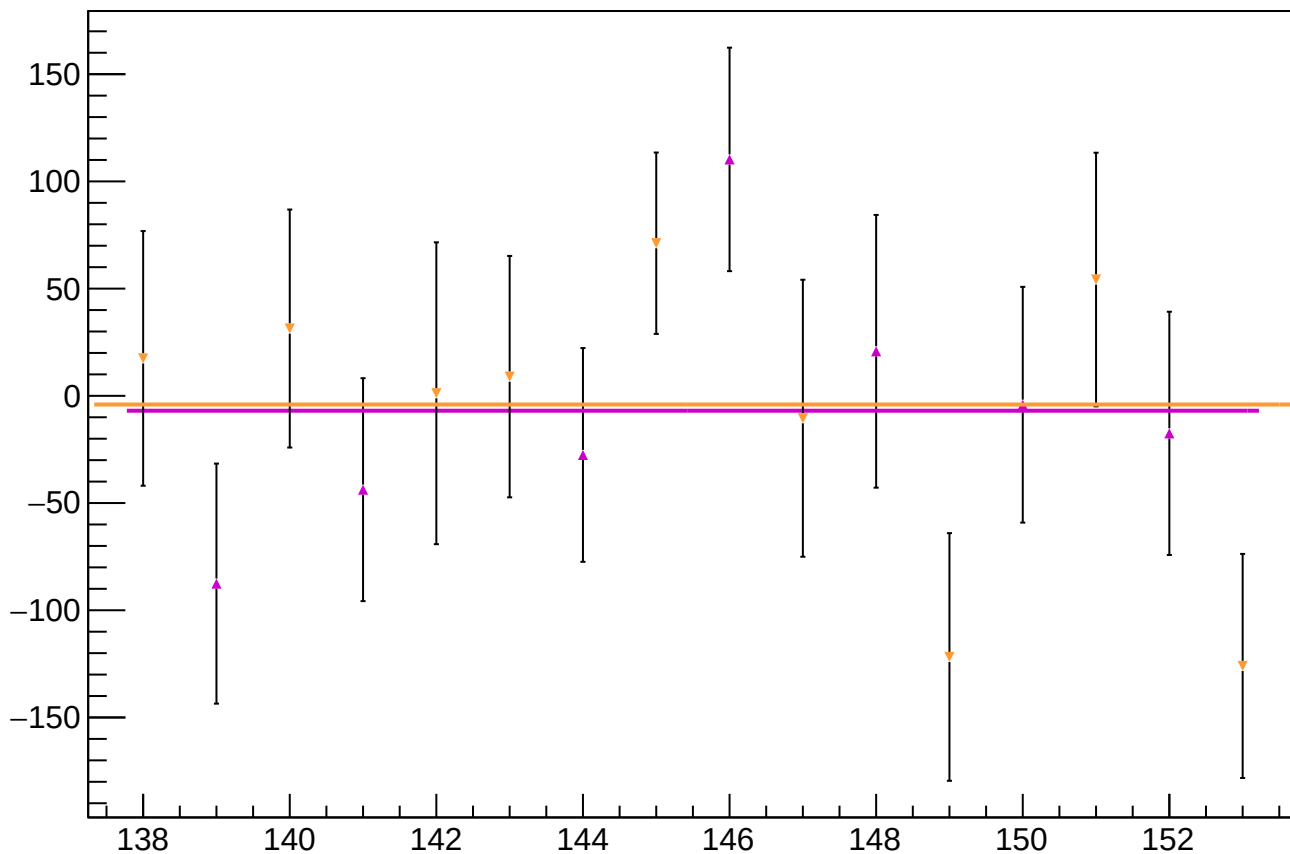
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Out: 371.409+/-0.106 χ^2/NDF : 763397.7/8

All: 369.640+/-0.077 χ^2/NDF : 1234833.0/15

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.056+/-18.645 χ^2/NDF :14.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.944+/-20.633 χ^2/NDF :8.0/6

Left: -5.354+/-13.834 χ^2/NDF : 22.4/15

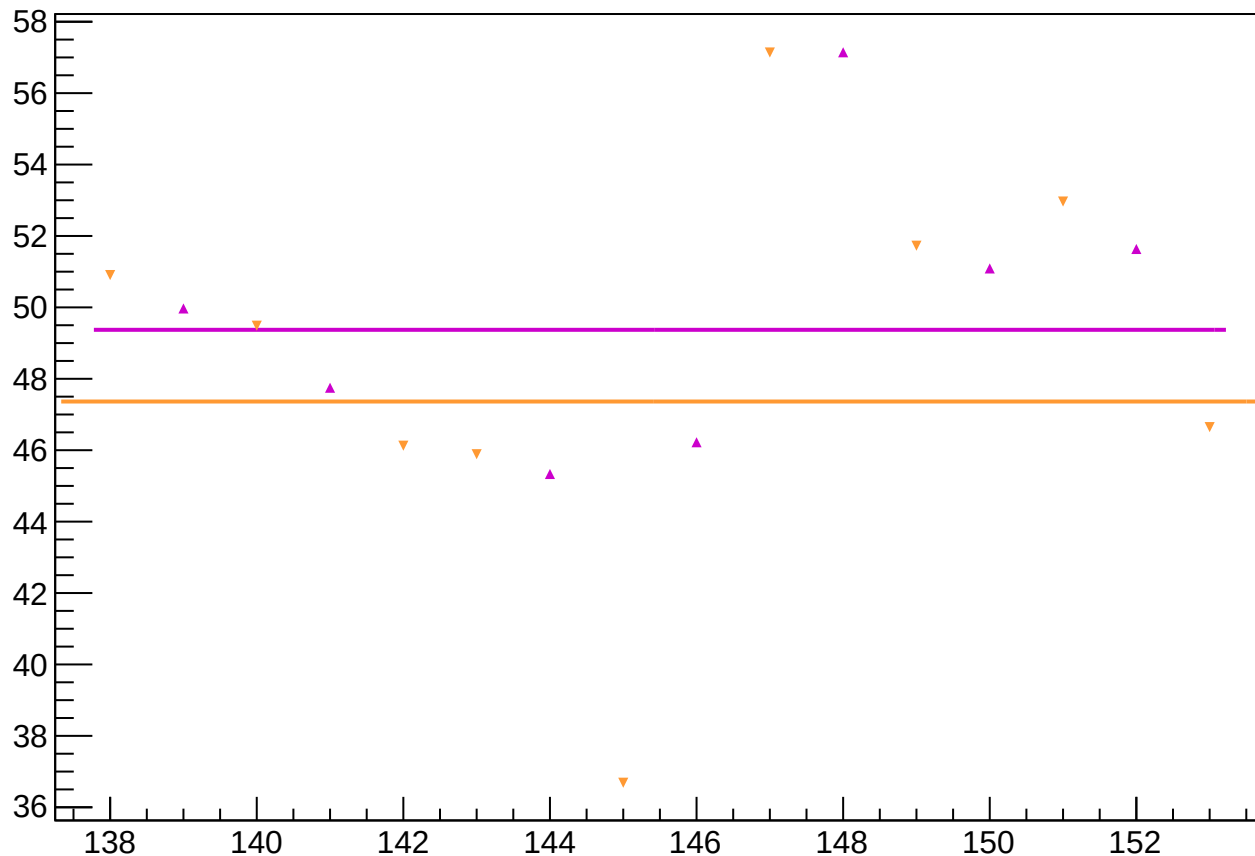
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.944+/-20.633 χ^2/NDF :8.0/6

Out: -4.056+/-18.645 χ^2/NDF :14.3/8

All: -5.354+/-13.834 χ^2/NDF : 22.4/15

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 47.364 $\pm$ 0.013 χ^2 /NDF:215008.6/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 49.372 $\pm$ 0.015 χ^2 /NDF:57611.5/6

Left: 48.266 $\pm$ 0.010 χ^2 /NDF: 283048.8/15

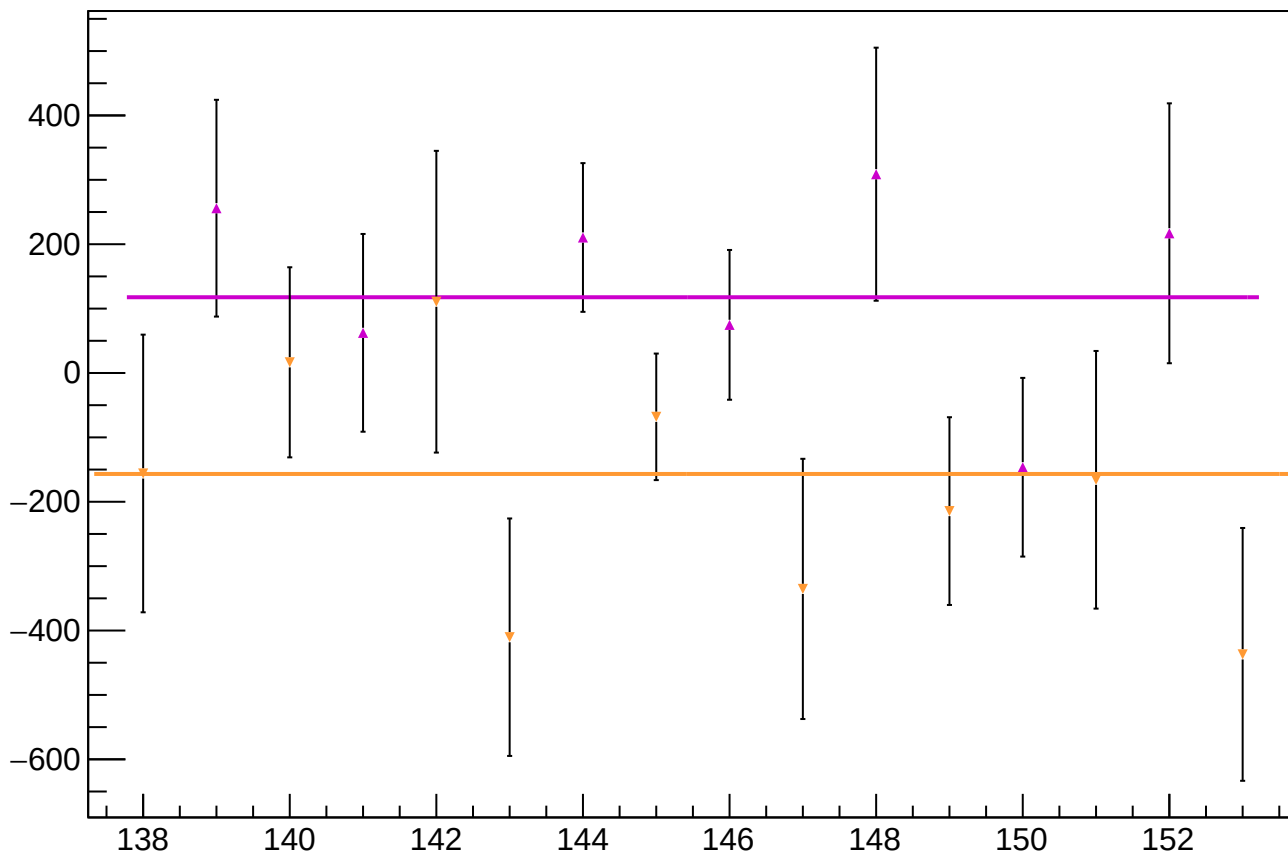
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 49.372 $\pm$ 0.015 χ^2 /NDF:57611.5/6

Out: 47.364 $\pm$ 0.013 χ^2 /NDF:215008.6/8

All: 48.266 $\pm$ 0.010 χ^2 /NDF: 283048.8/15

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -156.822+/-54.149 χ^2/NDF :8.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 117.648+/-55.135 χ^2/NDF :6.4/6

Left: -22.064+/-38.633 χ^2/NDF : 27.4/15

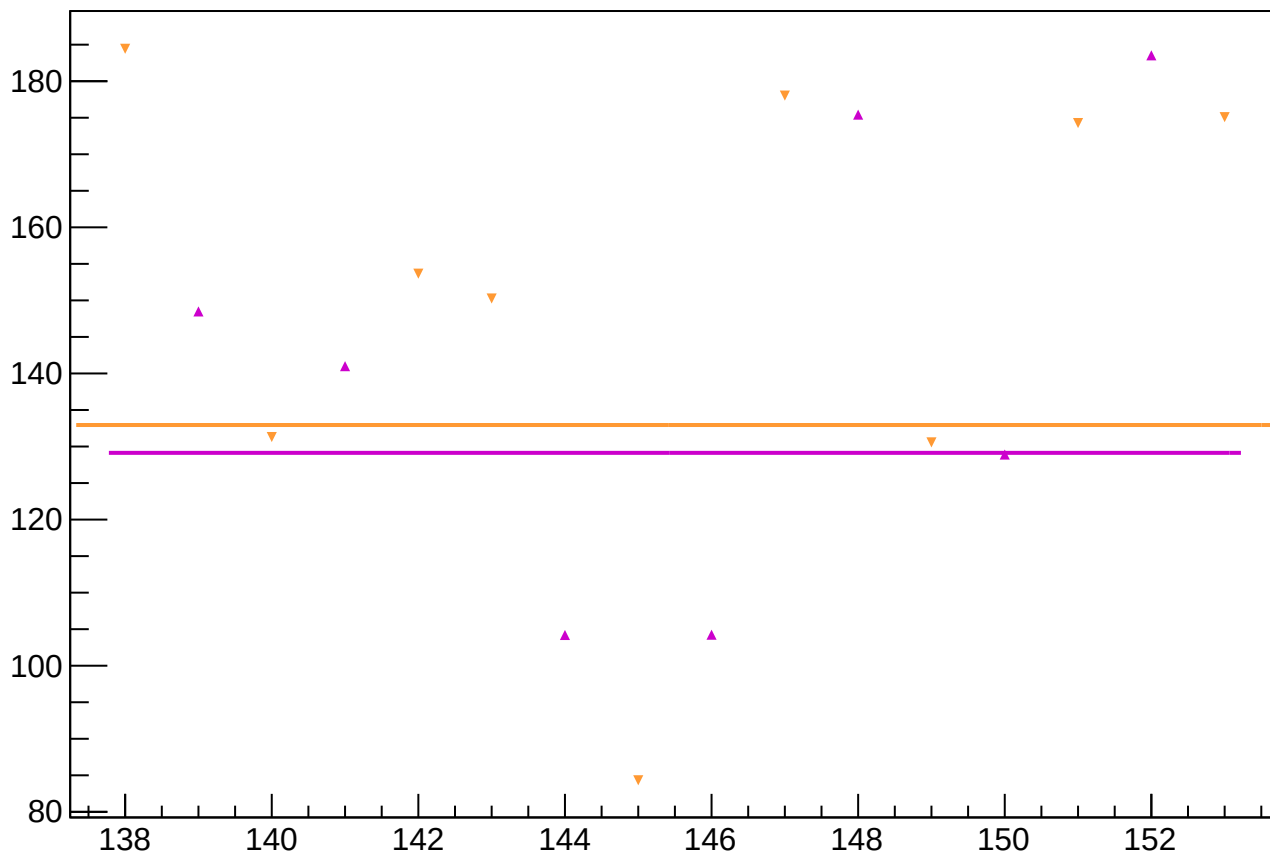
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.648+/-55.135 χ^2/NDF :6.4/6

Out: -156.822+/-54.149 χ^2/NDF :8.4/8

All: -22.064+/-38.633 χ^2/NDF : 27.4/15

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: 132.944+/-0.038 χ^2/NDF :914915.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 129.134+/-0.039 χ^2/NDF :479458.5/6

Left: 131.073+/-0.027 χ^2/NDF : 1399237.0/15

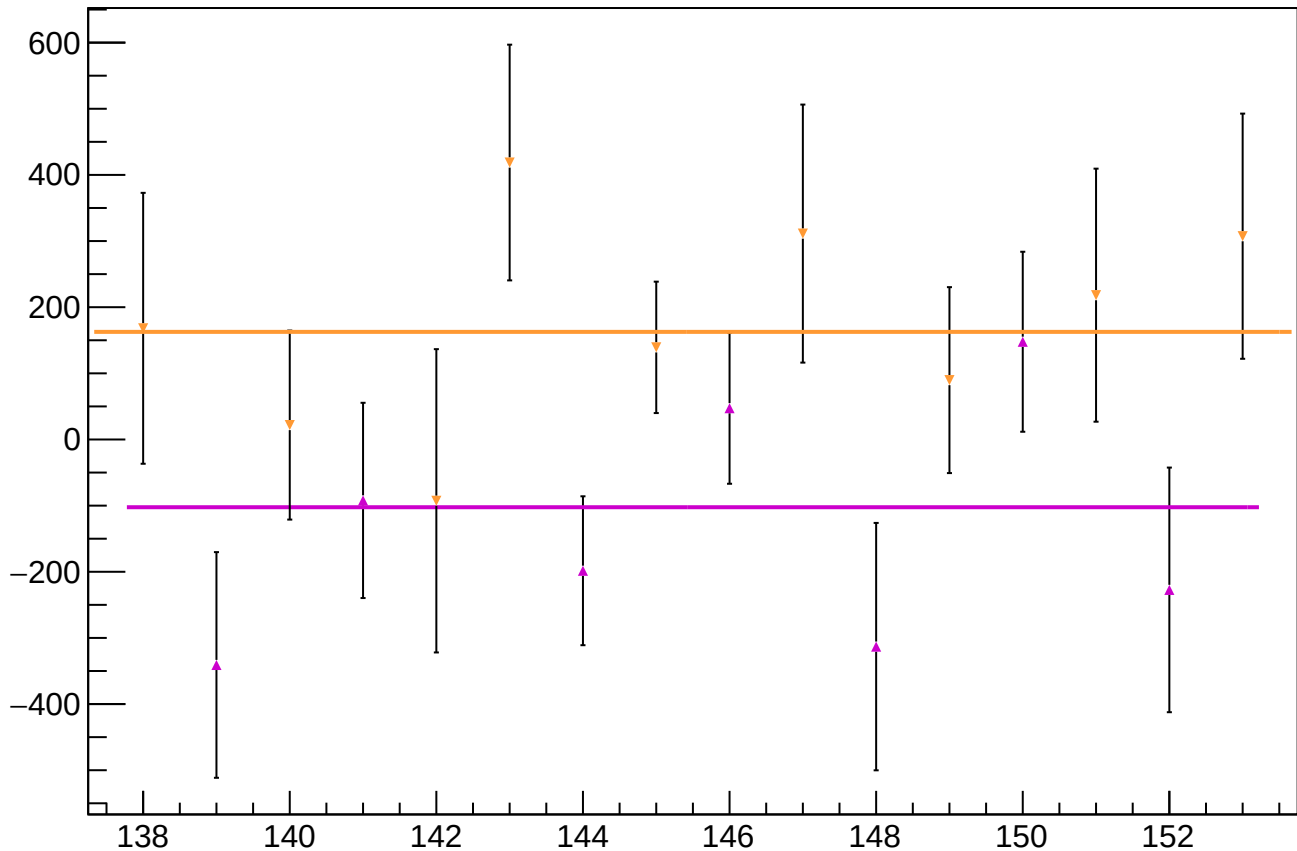
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 129.134+/-0.039 χ^2/NDF :479458.5/6

Out: 132.944+/-0.038 χ^2/NDF :914915.8/8

All: 131.073+/-0.027 χ^2/NDF : 1399237.0/15

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 162.704+/-52.848 χ^2/NDF : 5.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Left: 32.100+/-37.643 χ^2/NDF : 27.8/15

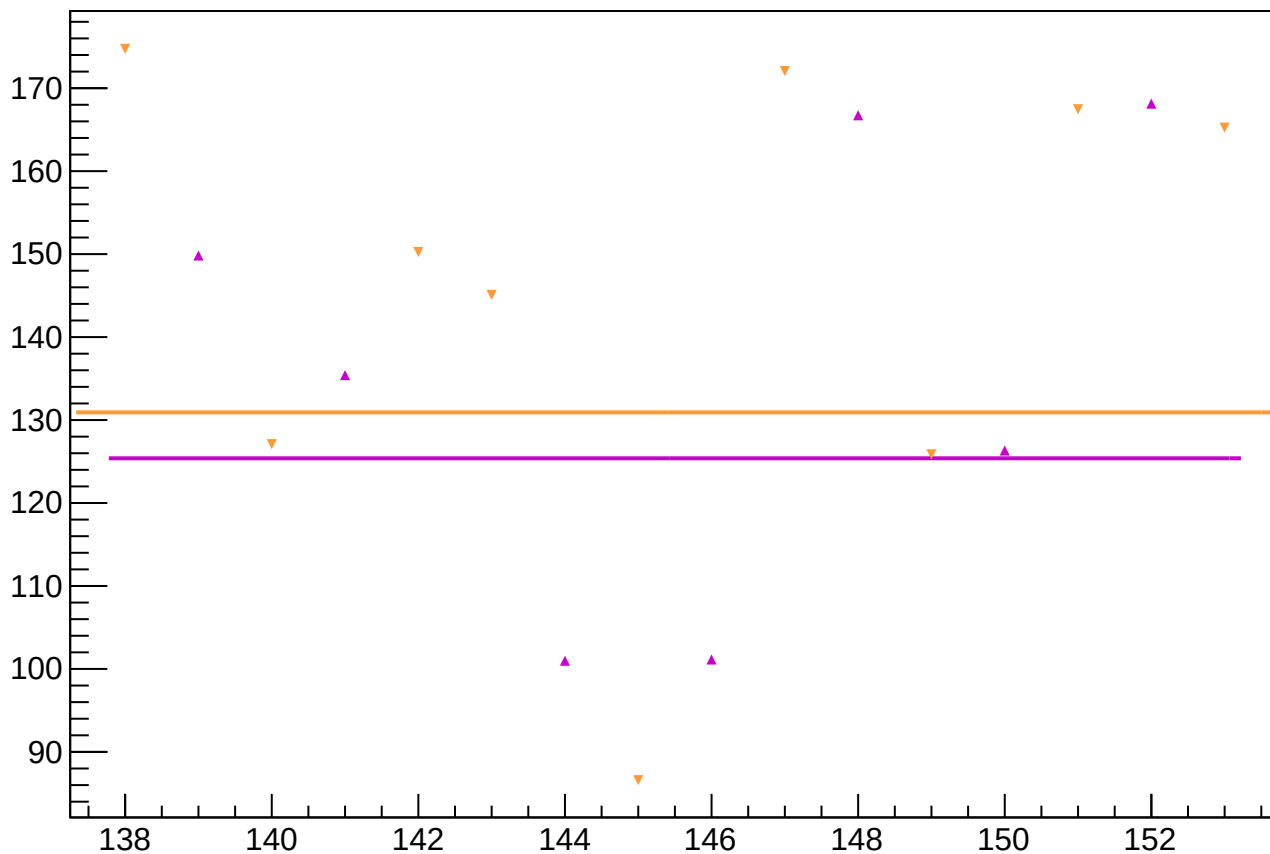
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Out: 162.704+/-52.848 χ^2/NDF : 5.9/8

All: 32.100+/-37.643 χ^2/NDF : 27.8/15

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 130.924+/-0.037 χ^2/NDF : 751467.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

Left: 128.197+/-0.027 χ^2/NDF : 1201347.0/15

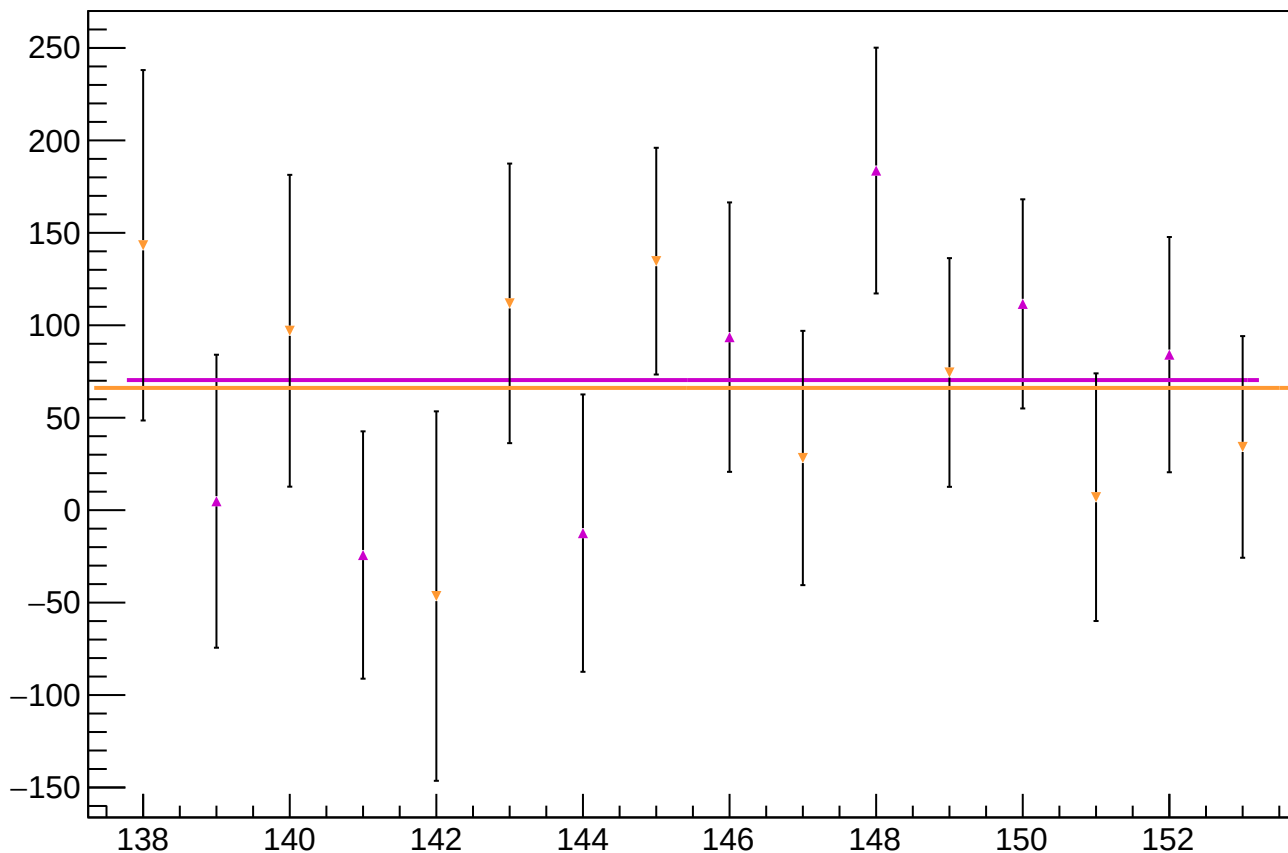
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

Out: 130.924+/-0.037 χ^2/NDF : 751467.2/8

All: 128.197+/-0.027 χ^2/NDF : 1201347.0/15

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 66.122 $\pm$ 23.789 χ^2 /NDF:5.1/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 70.366 $\pm$ 25.526 χ^2 /NDF:7.5/6

Left: 68.094 $\pm$ 17.403 χ^2 /NDF: 12.6/15

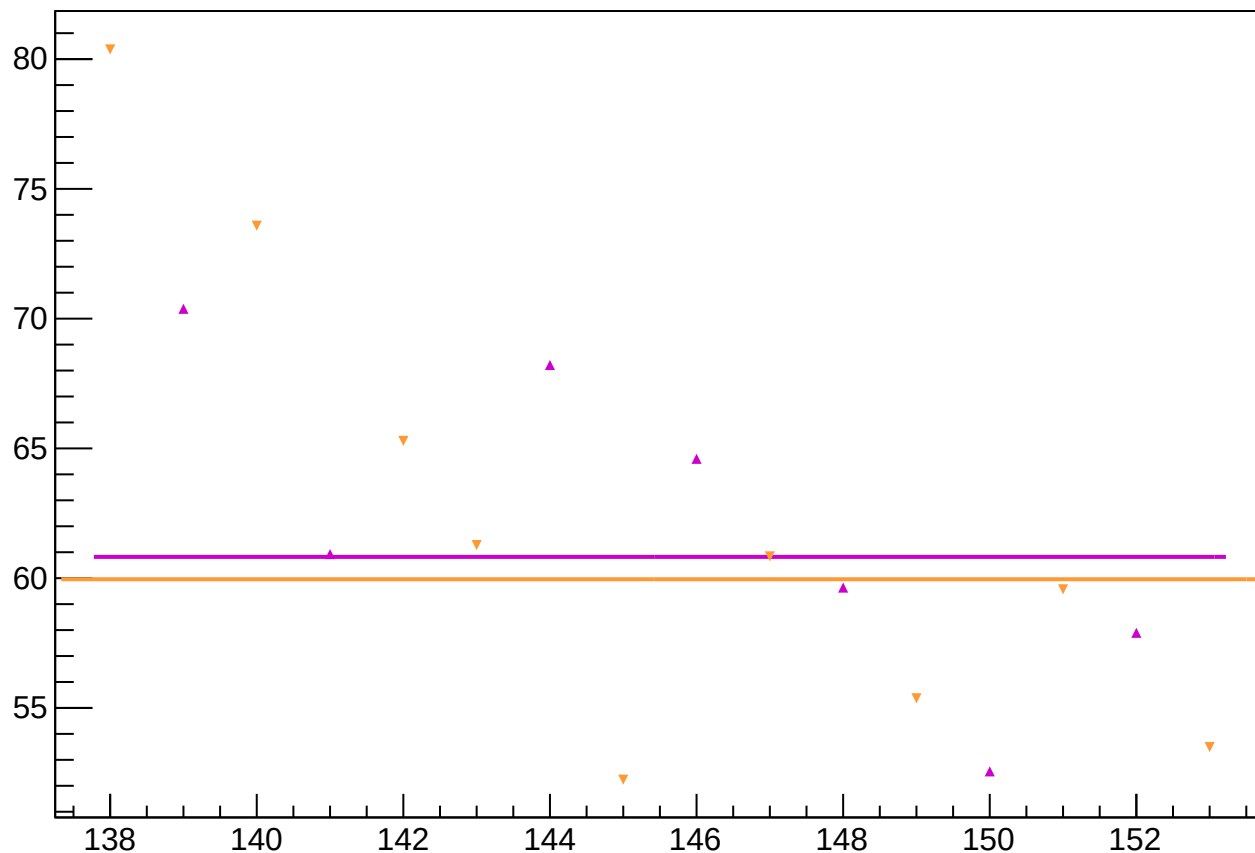
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 70.366 $\pm$ 25.526 χ^2 /NDF:7.5/6

Out: 66.122 $\pm$ 23.789 χ^2 /NDF:5.1/8

All: 68.094 $\pm$ 17.403 χ^2 /NDF: 12.6/15

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 59.959+/-0.017 χ^2/NDF :217679.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.820+/-0.018 χ^2/NDF :101480.0/6

Left: 60.359+/-0.012 χ^2/NDF : 320377.8/15

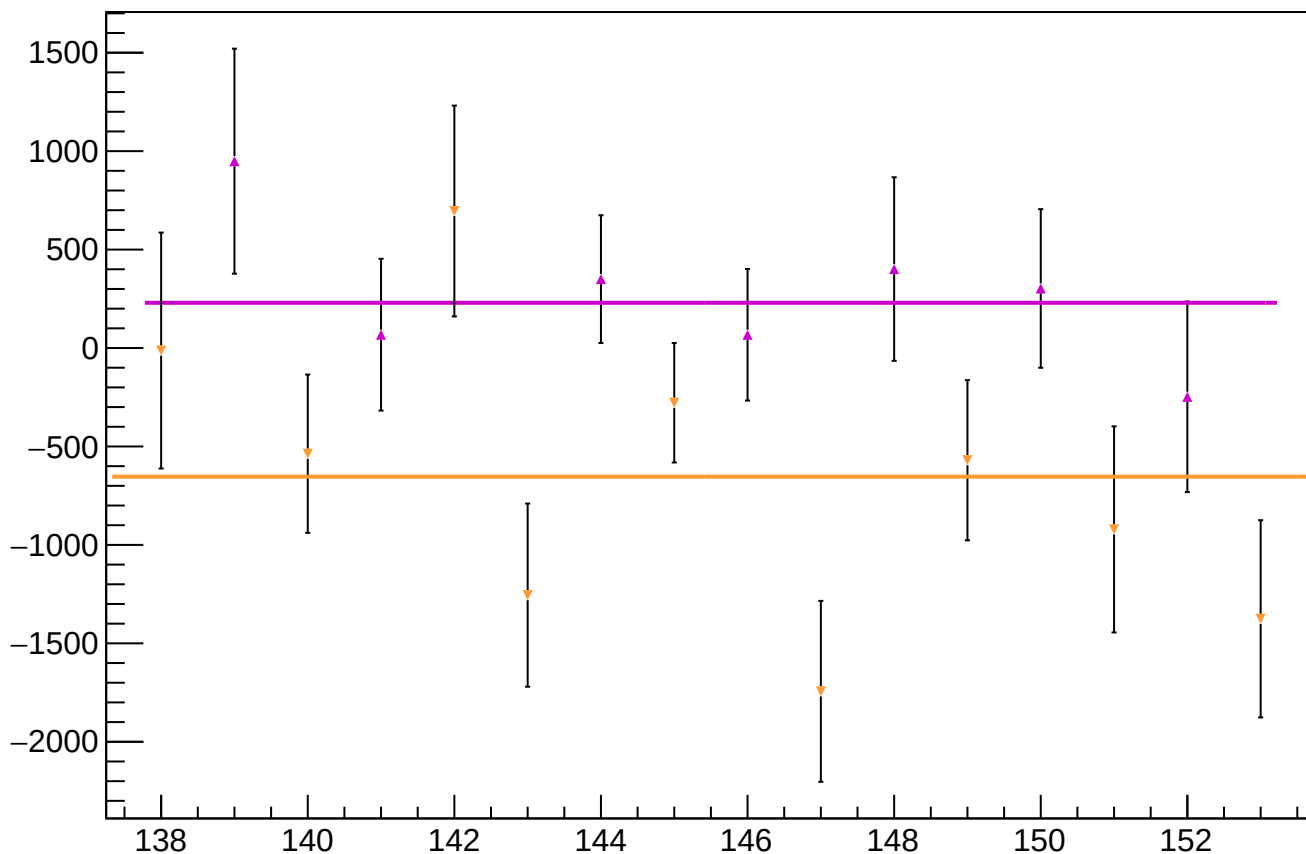
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.820+/-0.018 χ^2/NDF :101480.0/6

Out: 59.959+/-0.017 χ^2/NDF :217679.9/8

All: 60.359+/-0.012 χ^2/NDF : 320377.8/15

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -653.528+/-146.859 χ^2/NDF :18.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.793+/-152.003 χ^2/NDF :3.3/6

Left: -227.065+/-105.617 χ^2/NDF : 39.5/15

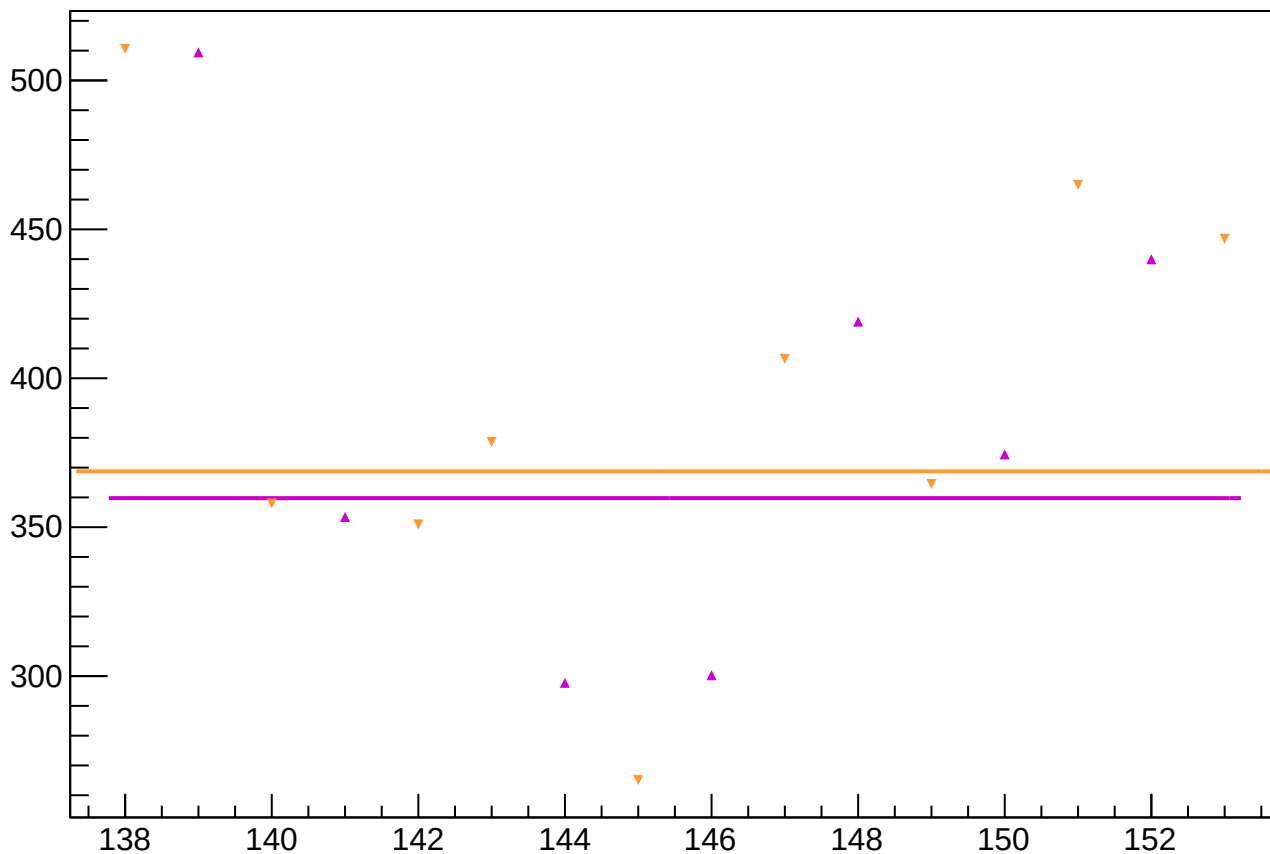
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.793+/-152.003 χ^2/NDF :3.3/6

Out: -653.528+/-146.859 χ^2/NDF :18.8/8

All: -227.065+/-105.617 χ^2/NDF : 39.5/15

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.739+/-0.104 χ^2/NDF : 480178.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.757+/-0.107 χ^2/NDF : 363989.0/6

Left: 364.403+/-0.075 χ^2/NDF : 847779.3/15

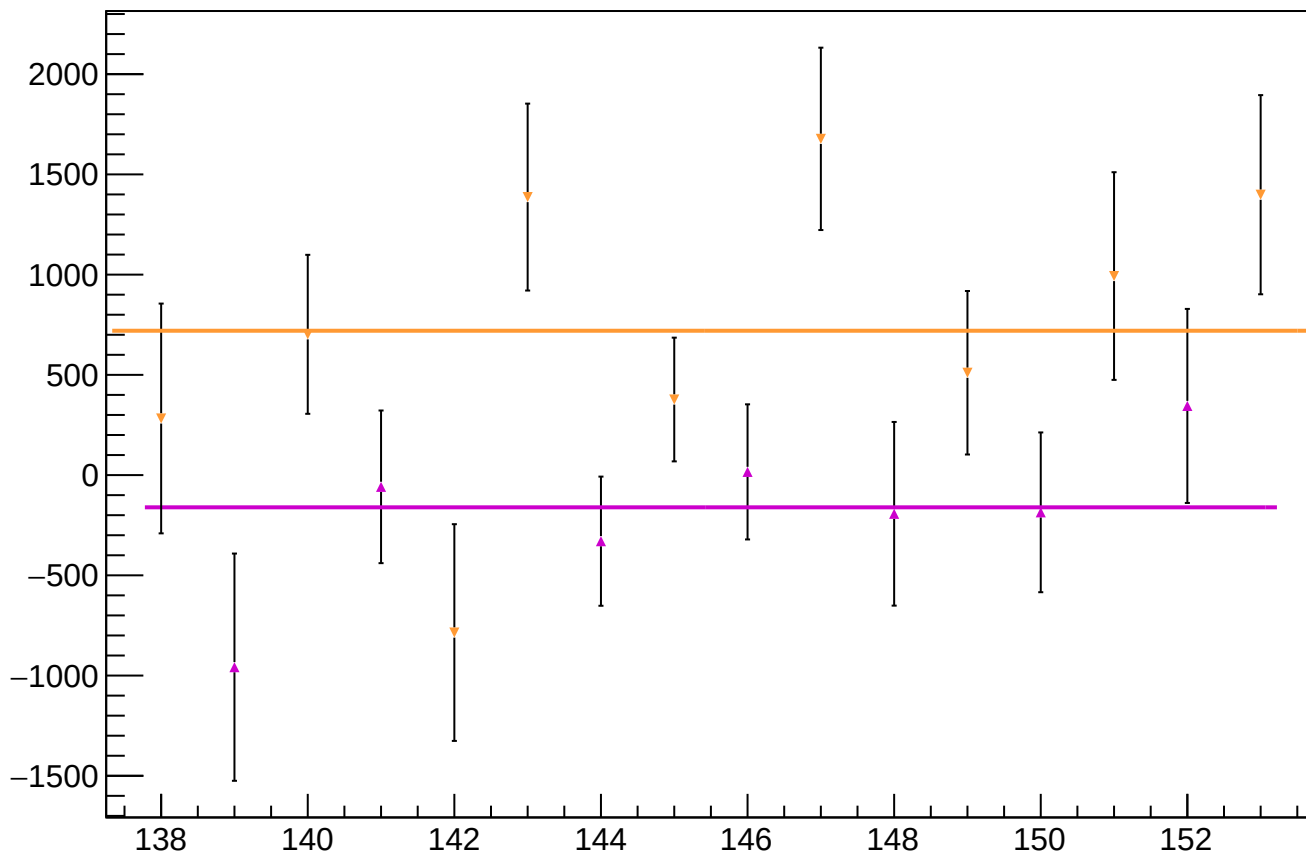
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.757+/-0.107 χ^2/NDF : 363989.0/6

Out: 368.739+/-0.104 χ^2/NDF : 480178.0/8

All: 364.403+/-0.075 χ^2/NDF : 847779.3/15

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 720.086+/-146.559 χ^2/NDF :18.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -160.765+/-151.131 χ^2/NDF :3.7/6

Left: 293.187+/-105.212 χ^2/NDF : 39.7/15

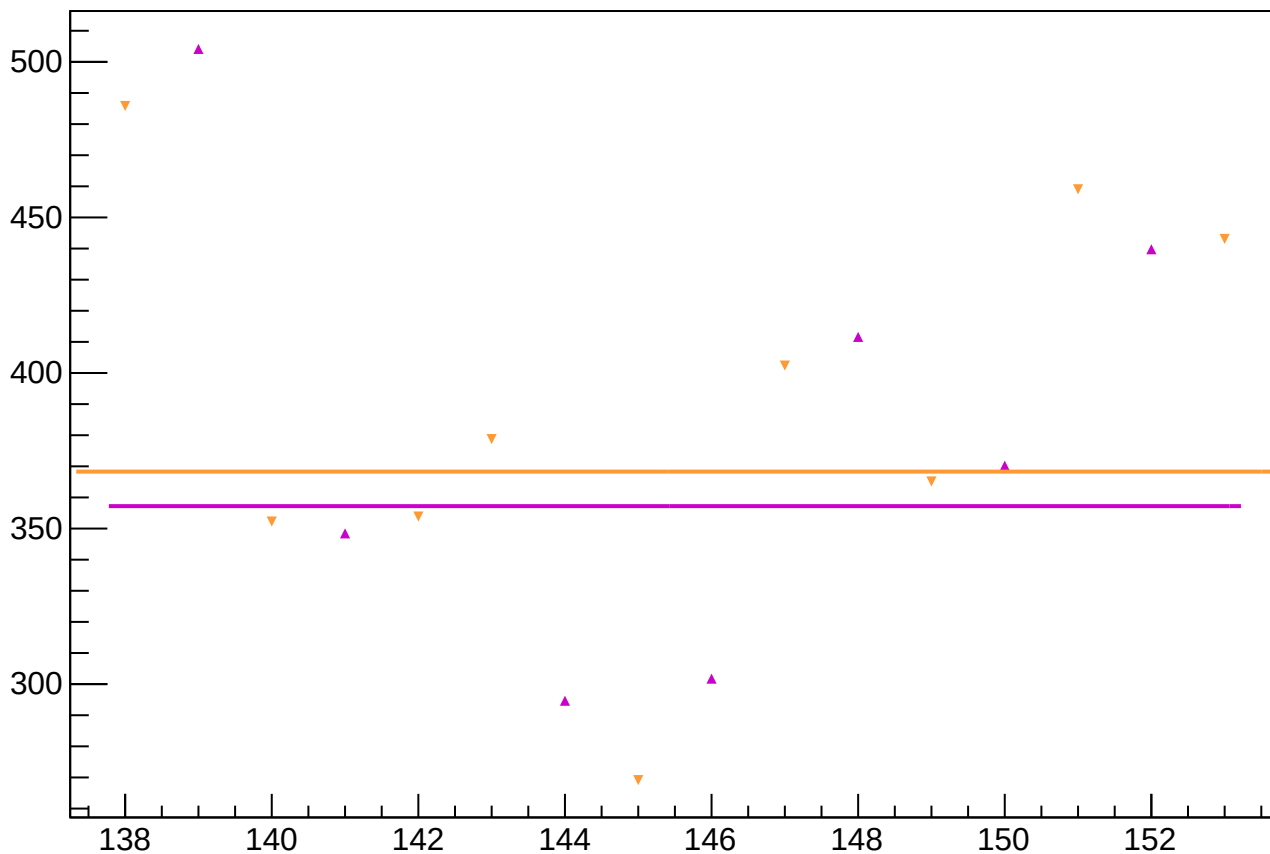
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -160.765+/-151.131 χ^2/NDF :3.7/6

Out: 720.086+/-146.559 χ^2/NDF :18.5/8

All: 293.187+/-105.212 χ^2/NDF : 39.7/15

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.305+/-0.104 χ^2/NDF :414400.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 357.209+/-0.107 χ^2/NDF :353565.7/6

Left: 362.927+/-0.074 χ^2/NDF : 773522.6/15

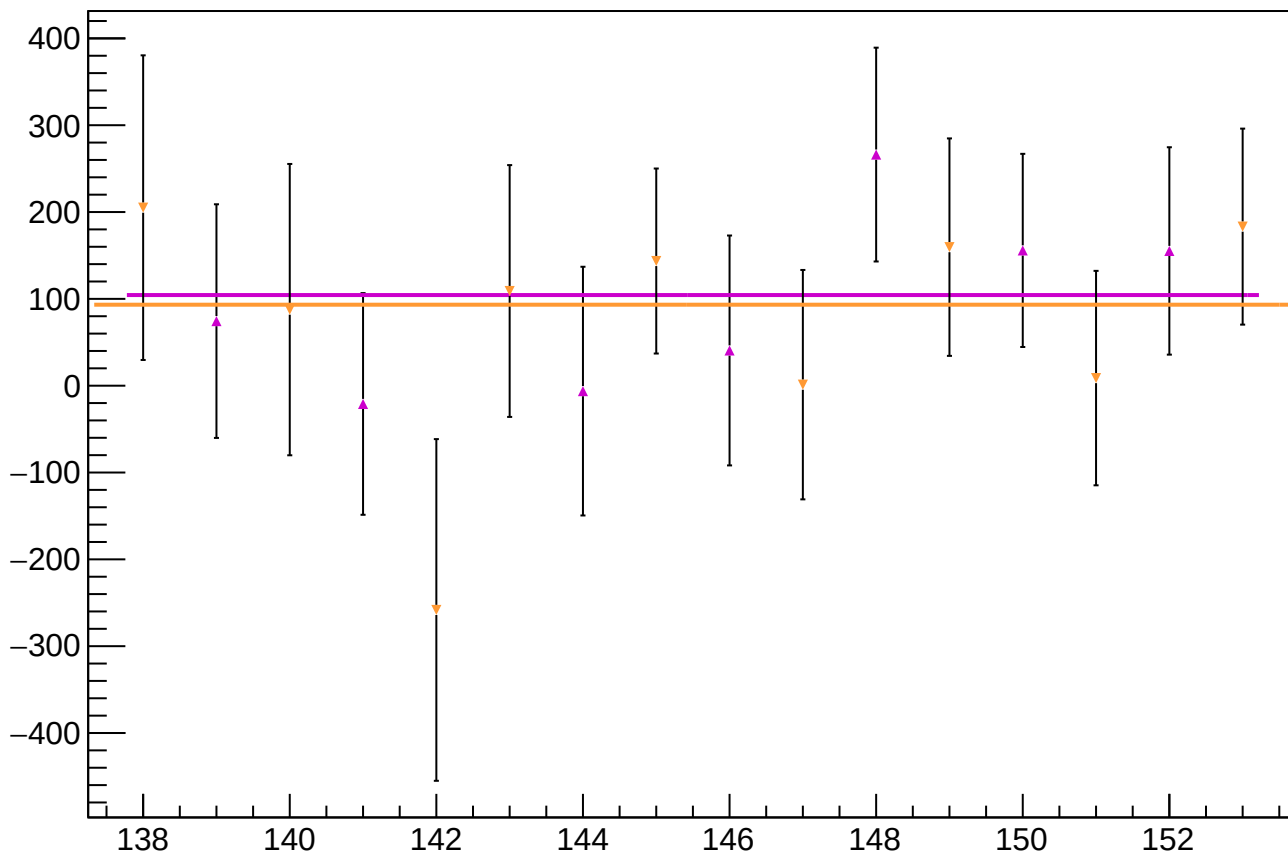
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 357.209+/-0.107 χ^2/NDF :353565.7/6

Out: 368.305+/-0.104 χ^2/NDF :414400.1/8

All: 362.927+/-0.074 χ^2/NDF : 773522.6/15

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 93.275 $\pm$ 44.962 χ^2 /NDF:5.7/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 104.392 $\pm$ 47.709 χ^2 /NDF:4.0/6

Left: 98.504 $\pm$ 32.721 χ^2 /NDF: 9.7/15

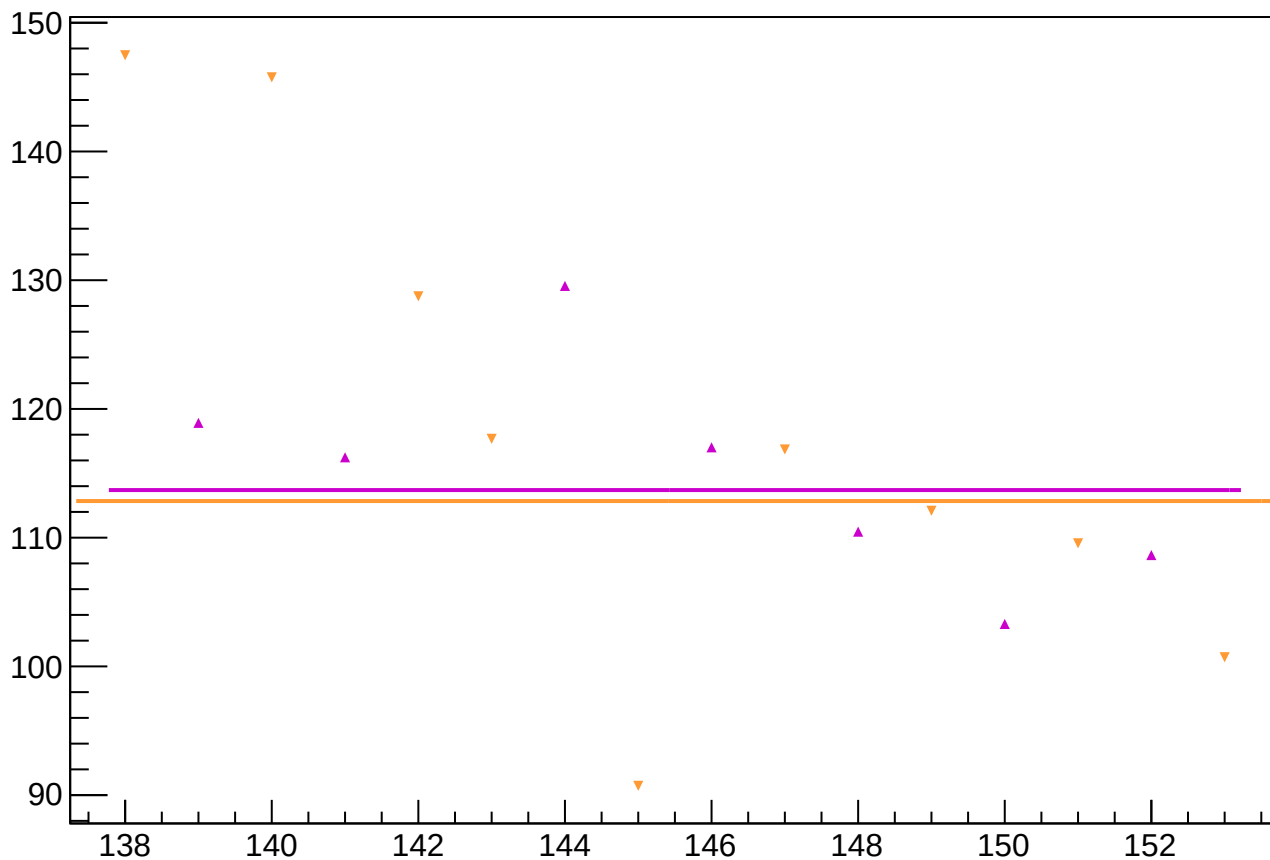
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 104.392 $\pm$ 47.709 χ^2 /NDF:4.0/6

Out: 93.275 $\pm$ 44.962 χ^2 /NDF:5.7/8

All: 98.504 $\pm$ 32.721 χ^2 /NDF: 9.7/15

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 112.845+/-0.032 χ^2/NDF :282889.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 113.697+/-0.034 χ^2/NDF :52027.0/6

Left: 113.246+/-0.023 χ^2/NDF : 335254.3/15

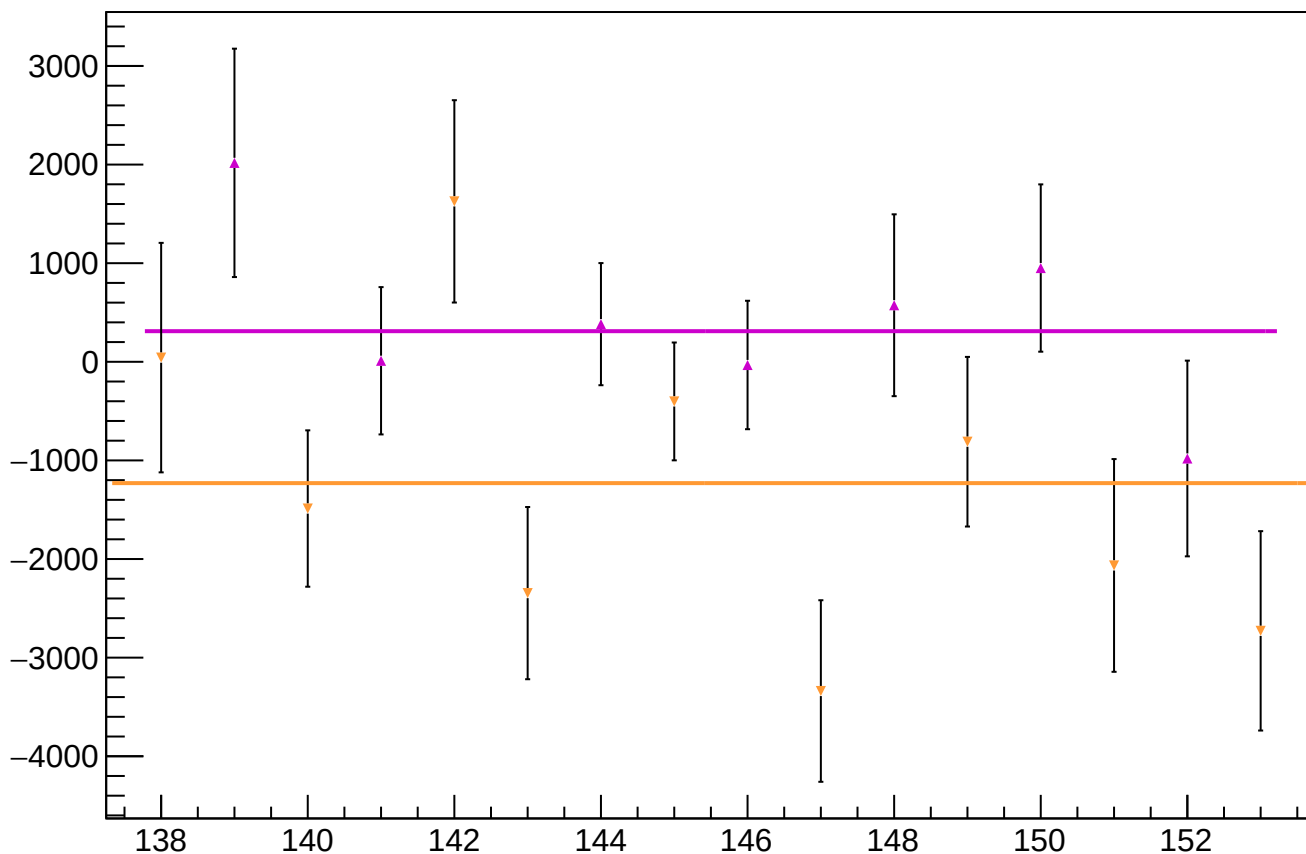
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.697+/-0.034 χ^2/NDF :52027.0/6

Out: 112.845+/-0.032 χ^2/NDF :282889.5/8

All: 113.246+/-0.023 χ^2/NDF : 335254.3/15

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1230.333+/-291.579 χ^2/NDF :20.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 310.564+/-300.356 χ^2/NDF :5.0/6

Left: -482.728+/-209.212 χ^2/NDF : 39.4/15

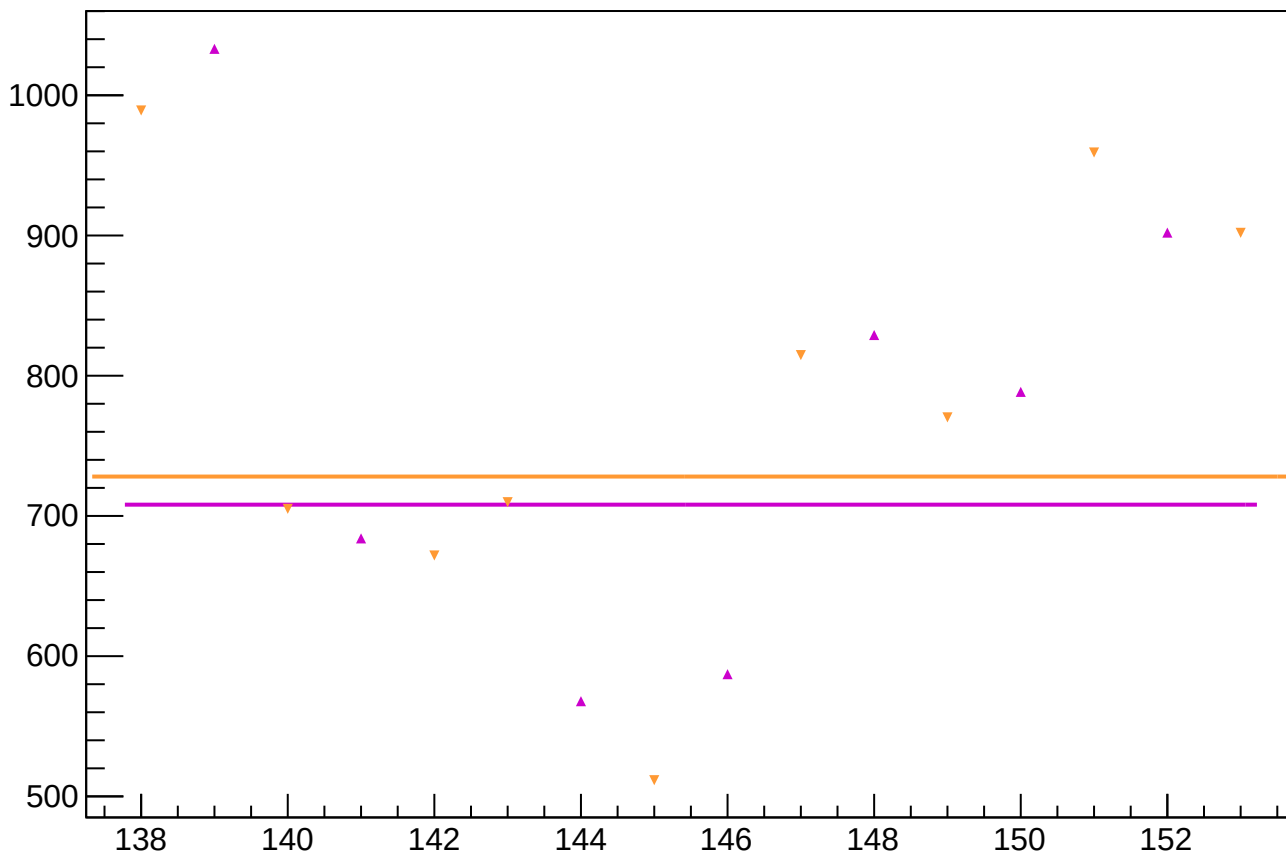
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 310.564+/-300.356 χ^2/NDF :5.0/6

Out: -1230.333+/-291.579 χ^2/NDF :20.9/8

All: -482.728+/-209.212 χ^2/NDF : 39.4/15

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 728.087+/-0.206 χ^2/NDF :545475.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 708.041+/-0.212 χ^2/NDF :459919.7/6

Left: 718.361+/-0.148 χ^2/NDF : 1009981.2/15

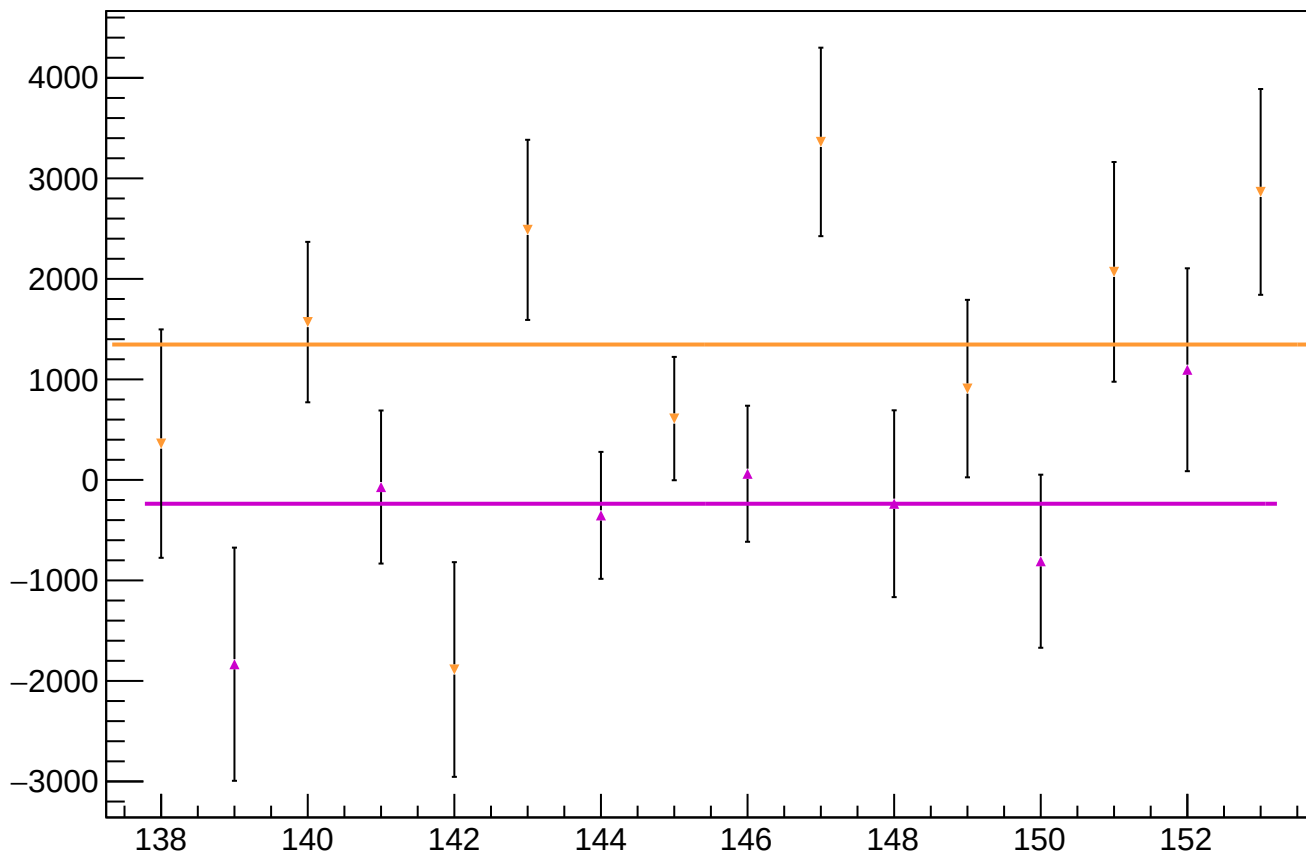
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 708.041+/-0.212 χ^2/NDF :459919.7/6

Out: 728.087+/-0.206 χ^2/NDF :545475.3/8

All: 718.361+/-0.148 χ^2/NDF : 1009981.2/15

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1346.938+/-297.035 χ^2/NDF :20.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -237.246+/-306.480 χ^2/NDF :4.4/6

Left: 579.630+/-213.296 χ^2/NDF : 38.7/15

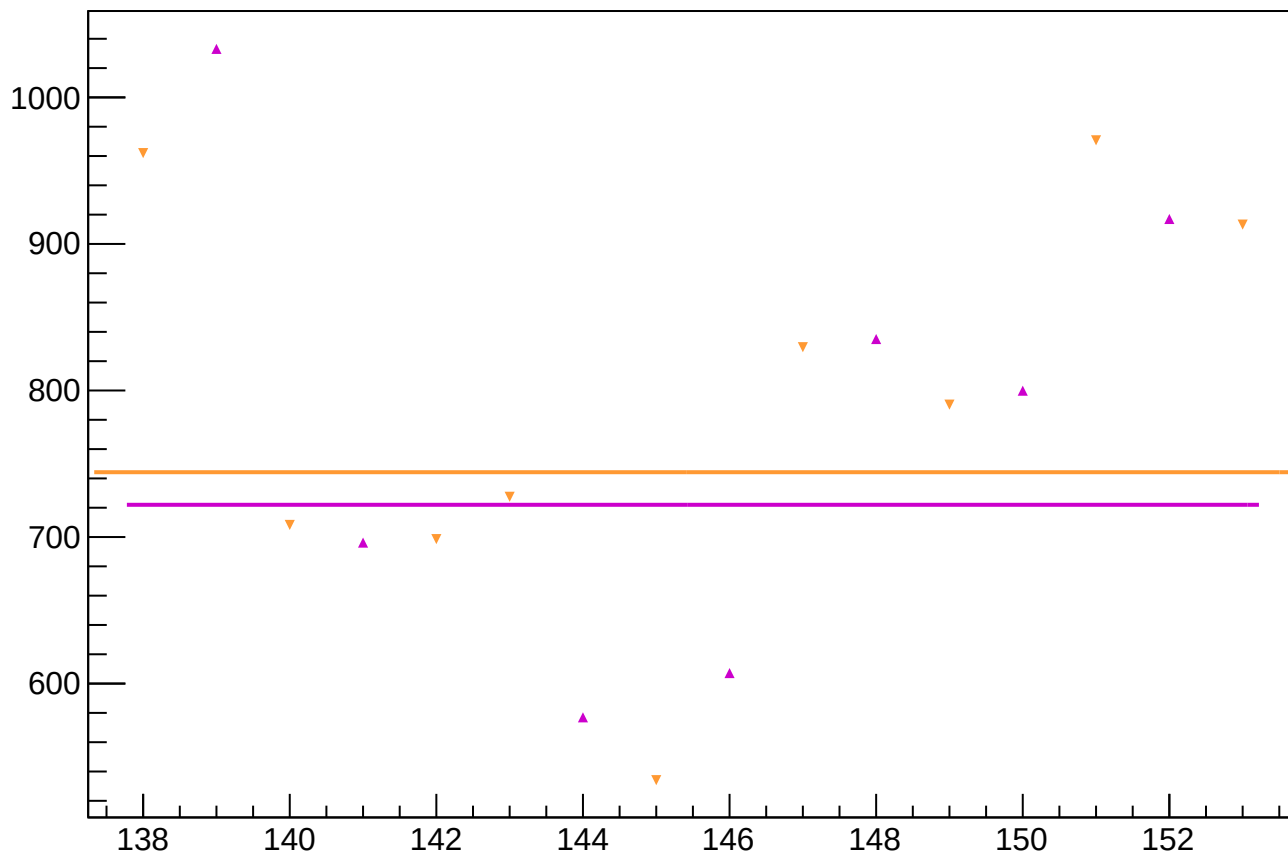
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -237.246+/-306.480 χ^2/NDF :4.4/6

Out: 1346.938+/-297.035 χ^2/NDF :20.6/8

All: 579.630+/-213.296 χ^2/NDF : 38.7/15

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 744.239+/-0.210 χ^2/NDF : 478797.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 722.001+/-0.217 χ^2/NDF : 429867.5/6

Left: 733.468+/-0.151 χ^2/NDF : 914094.3/15

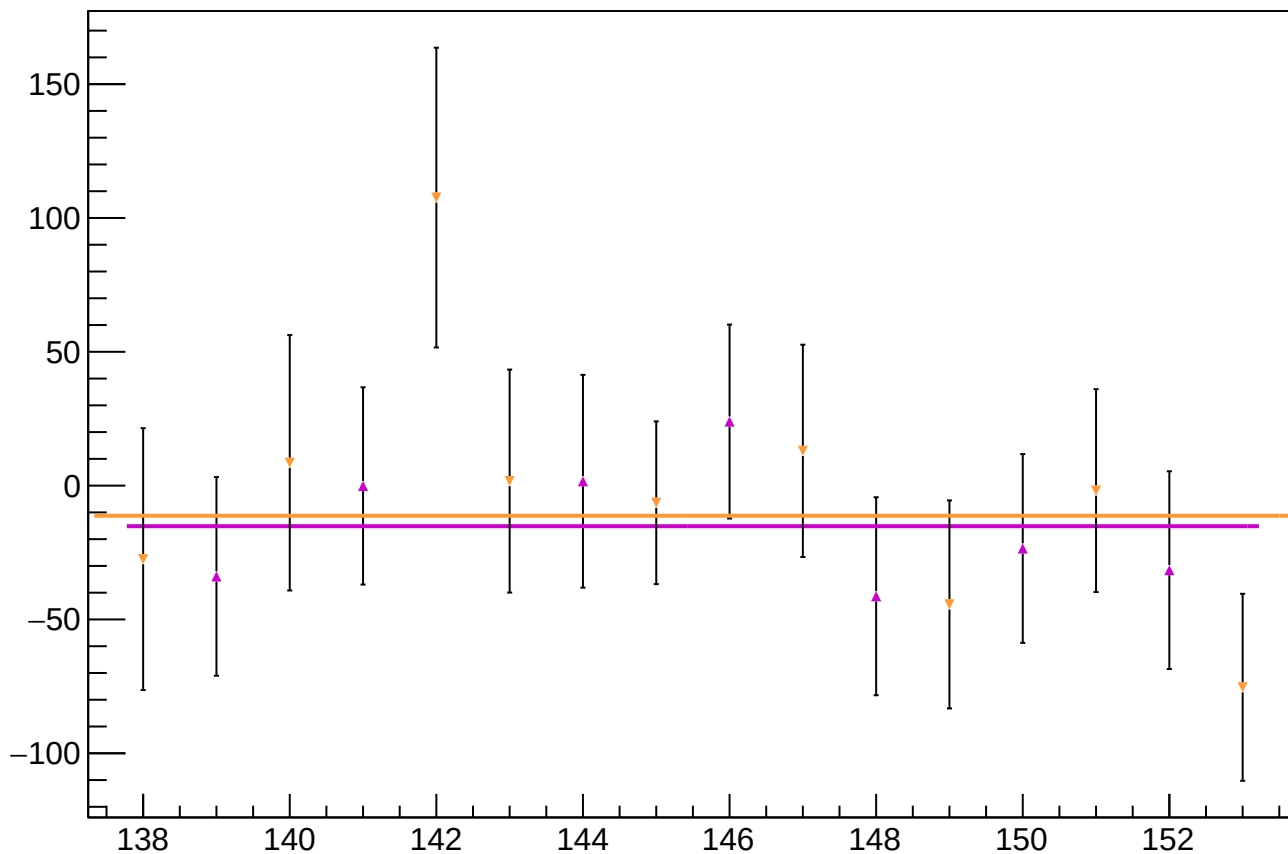
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 722.001+/-0.217 χ^2/NDF : 429867.5/6

Out: 744.239+/-0.210 χ^2/NDF : 478797.0/8

All: 733.468+/-0.151 χ^2/NDF : 914094.3/15

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.247+/-13.307 χ^2/NDF :9.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.155+/-13.969 χ^2/NDF :2.5/6

Left: -13.106+/-9.635 χ^2/NDF : 12.0/15

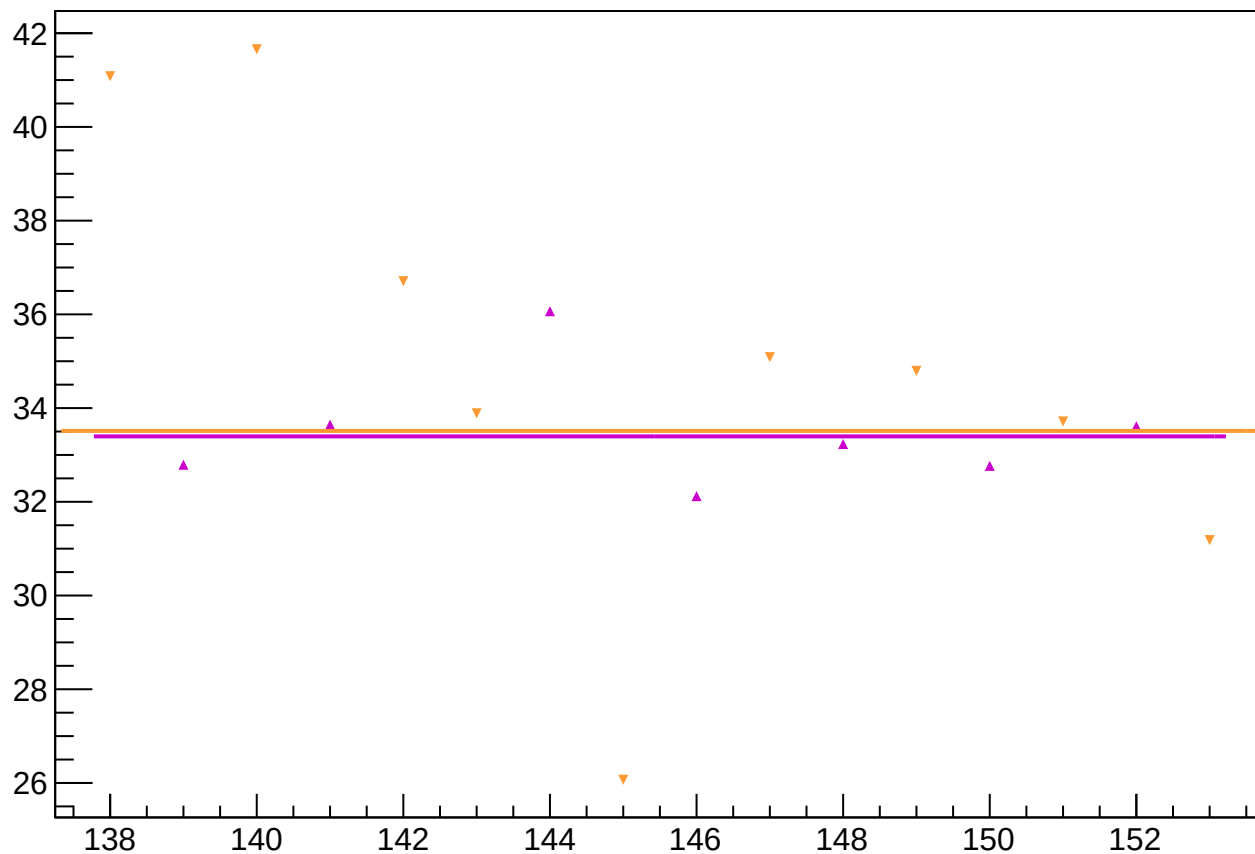
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.155+/-13.969 χ^2/NDF :2.5/6

Out: -11.247+/-13.307 χ^2/NDF :9.4/8

All: -13.106+/-9.635 χ^2/NDF : 12.0/15

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 33.513+/-0.009 χ^2/NDF :247030.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 33.396+/-0.010 χ^2/NDF :12875.8/6

Left: 33.457+/-0.007 χ^2/NDF : 259980.3/15

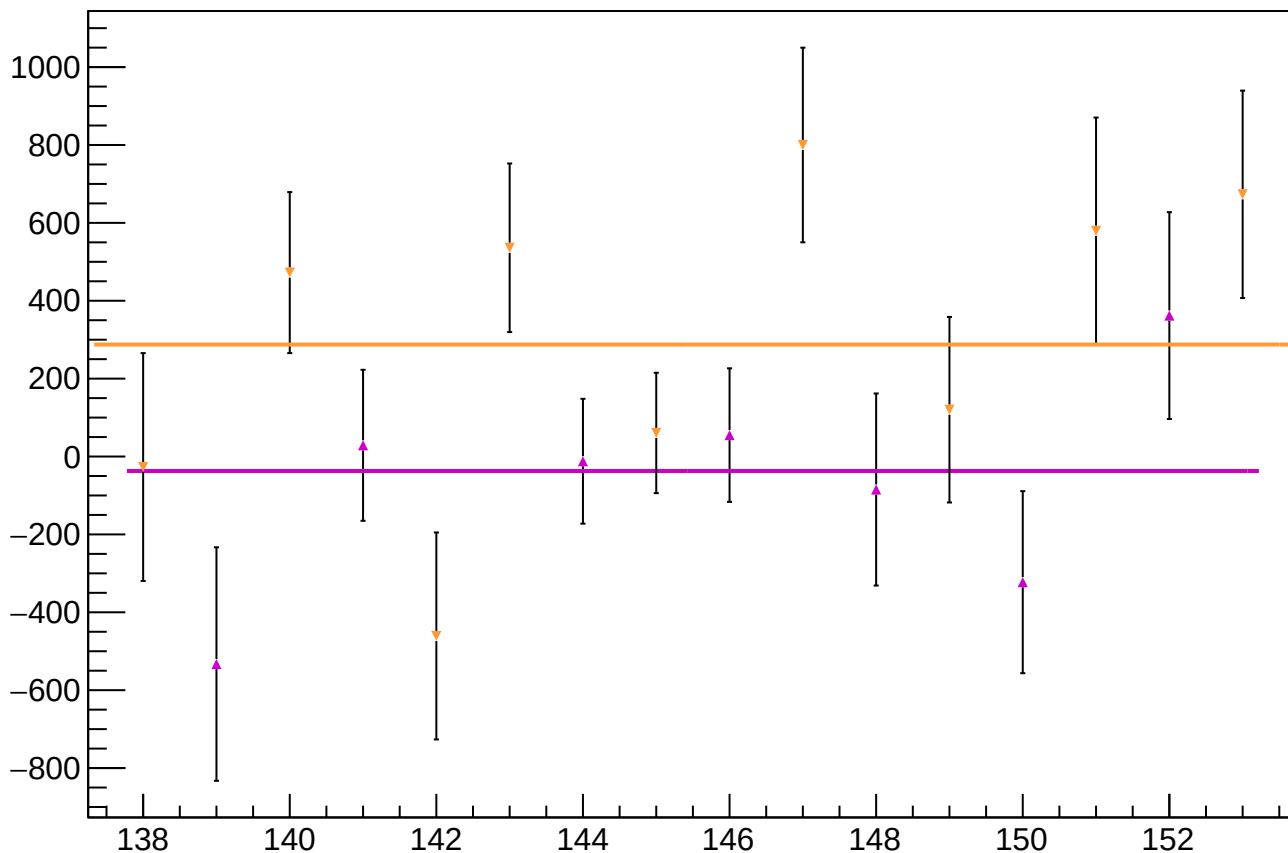
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.396+/-0.010 χ^2/NDF :12875.8/6

Out: 33.513+/-0.009 χ^2/NDF :247030.6/8

All: 33.457+/-0.007 χ^2/NDF : 259980.3/15

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.529+/-76.254 χ^2/NDF :21.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.148+/-79.166 χ^2/NDF :7.0/6

Left: 131.272+/-54.920 χ^2/NDF : 36.8/15

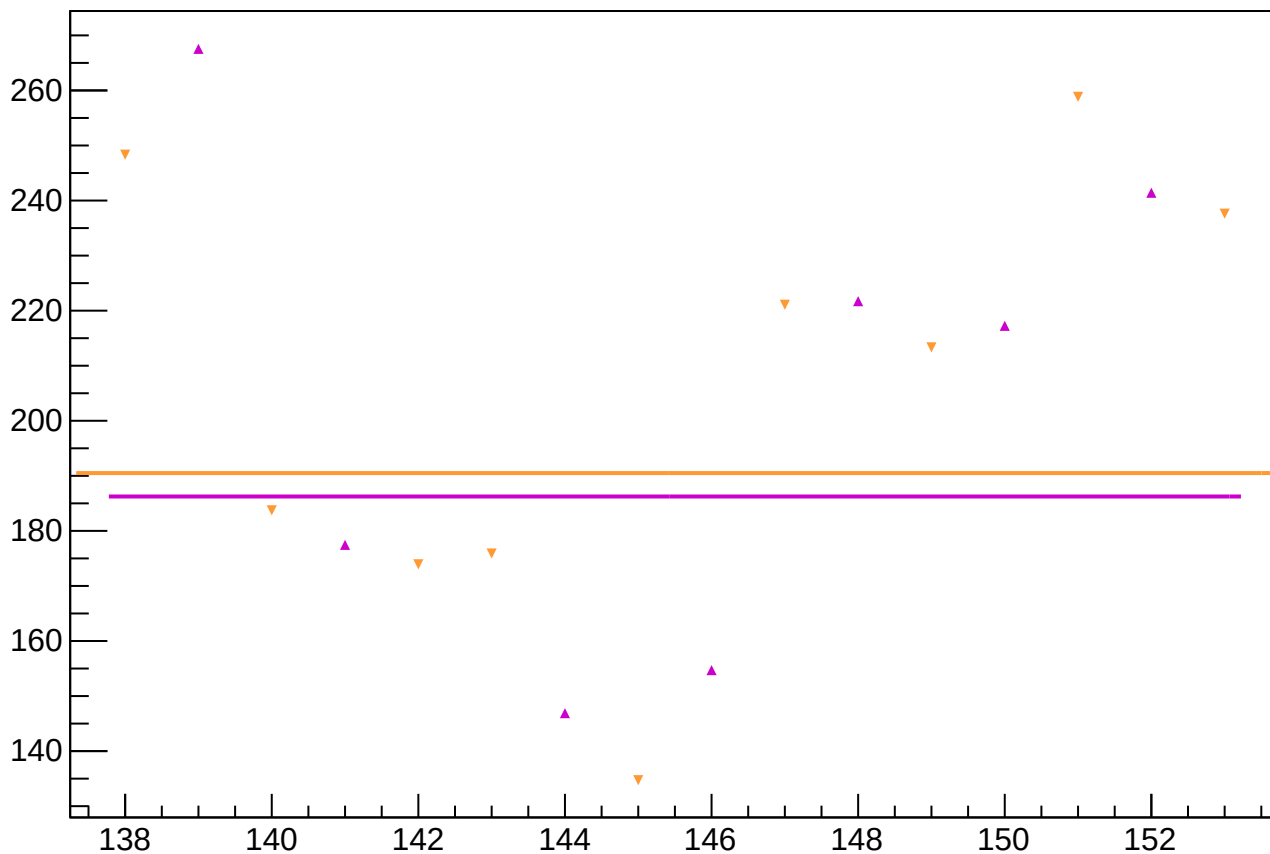
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.148+/-79.166 χ^2/NDF :7.0/6

Out: 287.529+/-76.254 χ^2/NDF :21.2/8

All: 131.272+/-54.920 χ^2/NDF : 36.8/15

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 190.503+/-0.054 χ^2/NDF : 578934.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.248+/-0.056 χ^2/NDF : 502246.4/6

Left: 188.455+/-0.039 χ^2/NDF : 1084176.7/15

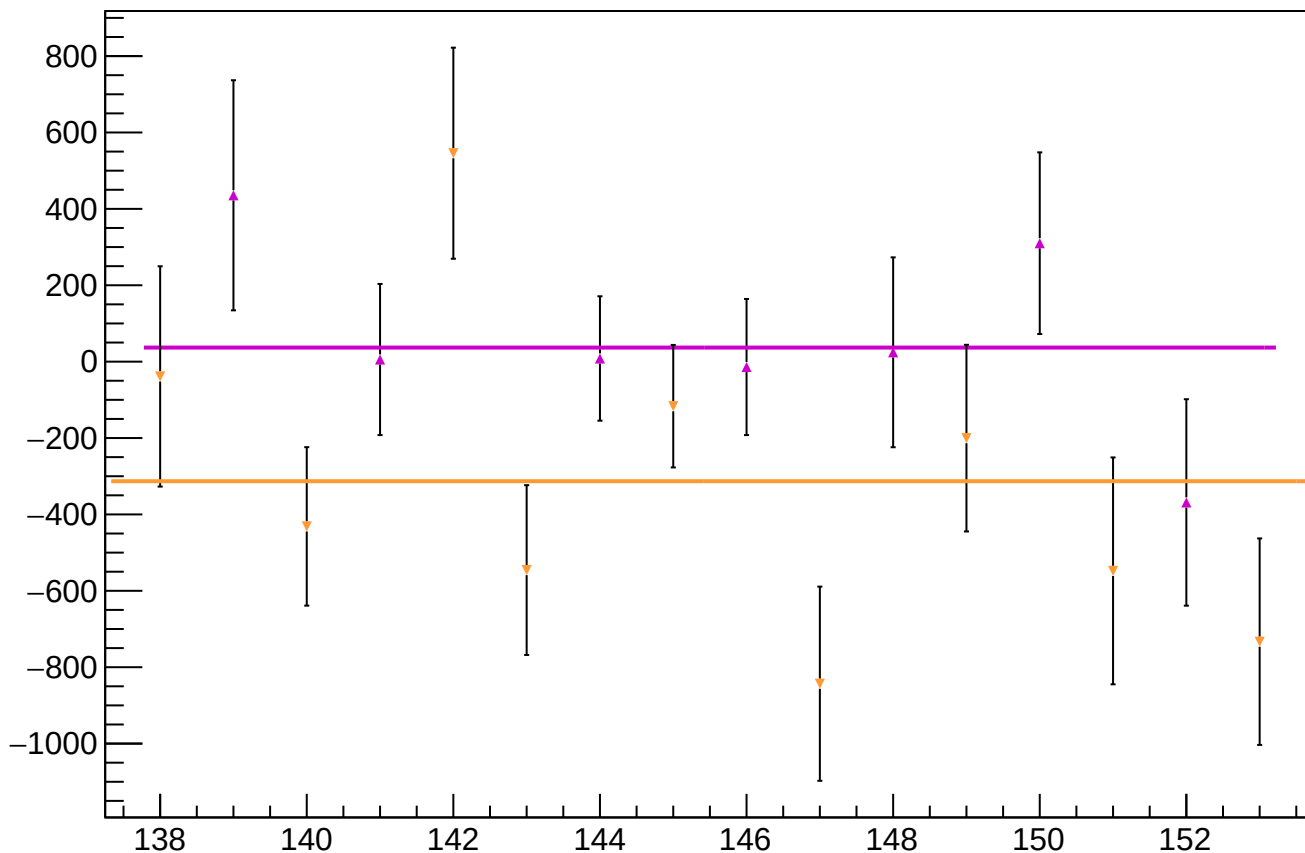
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.248+/-0.056 χ^2/NDF : 502246.4/6

Out: 190.503+/-0.054 χ^2/NDF : 578934.1/8

All: 188.455+/-0.039 χ^2/NDF : 1084176.7/15

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -313.040+/-77.916 χ^2/NDF :21.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 36.822+/-80.762 χ^2/NDF :5.5/6

Left: -144.382+/-56.074 χ^2/NDF : 36.3/15

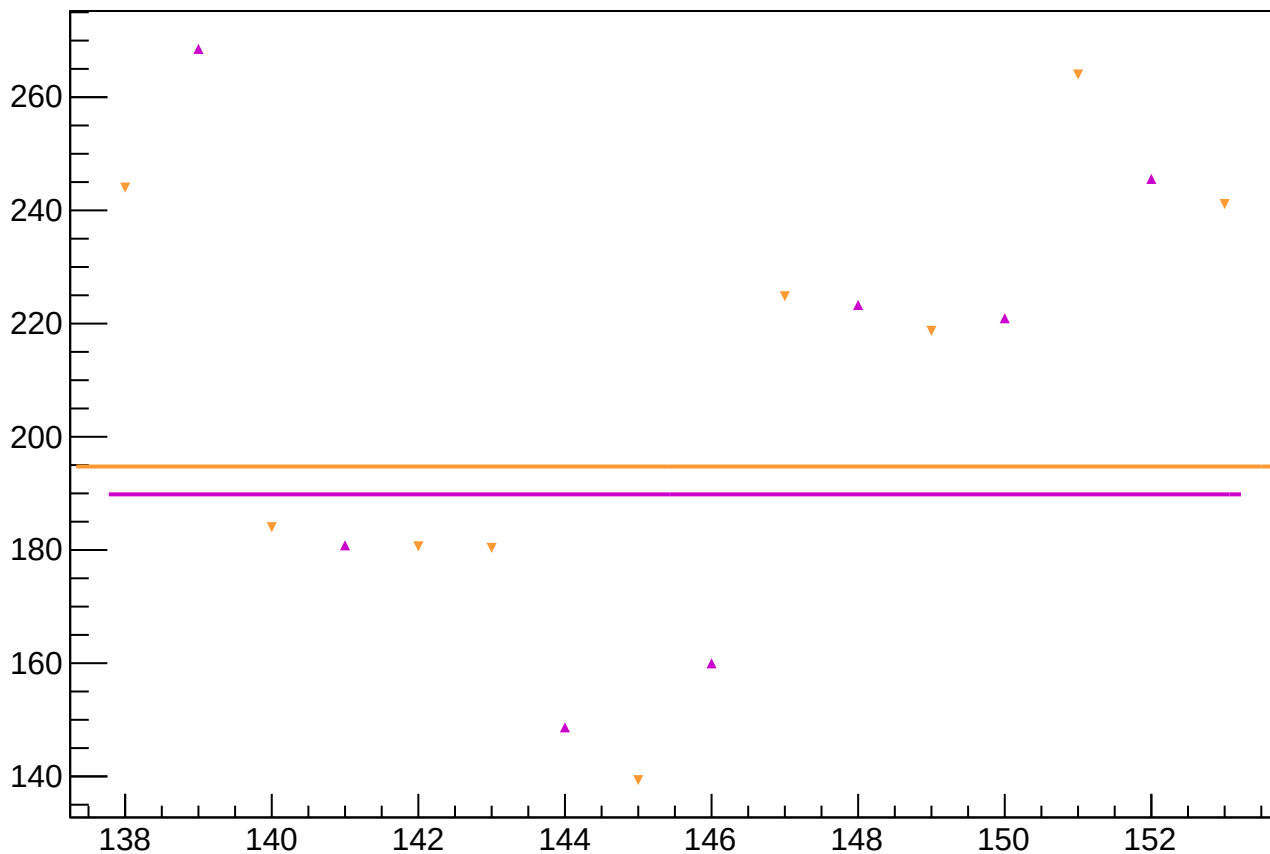
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.822+/-80.762 χ^2/NDF :5.5/6

Out: -313.040+/-77.916 χ^2/NDF :21.1/8

All: -144.382+/-56.074 χ^2/NDF : 36.3/15

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 194.745+/-0.055 χ^2/NDF :530906.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 189.827+/-0.057 χ^2/NDF :480025.0/6

Left: 192.374+/-0.040 χ^2/NDF : 1014773.5/15

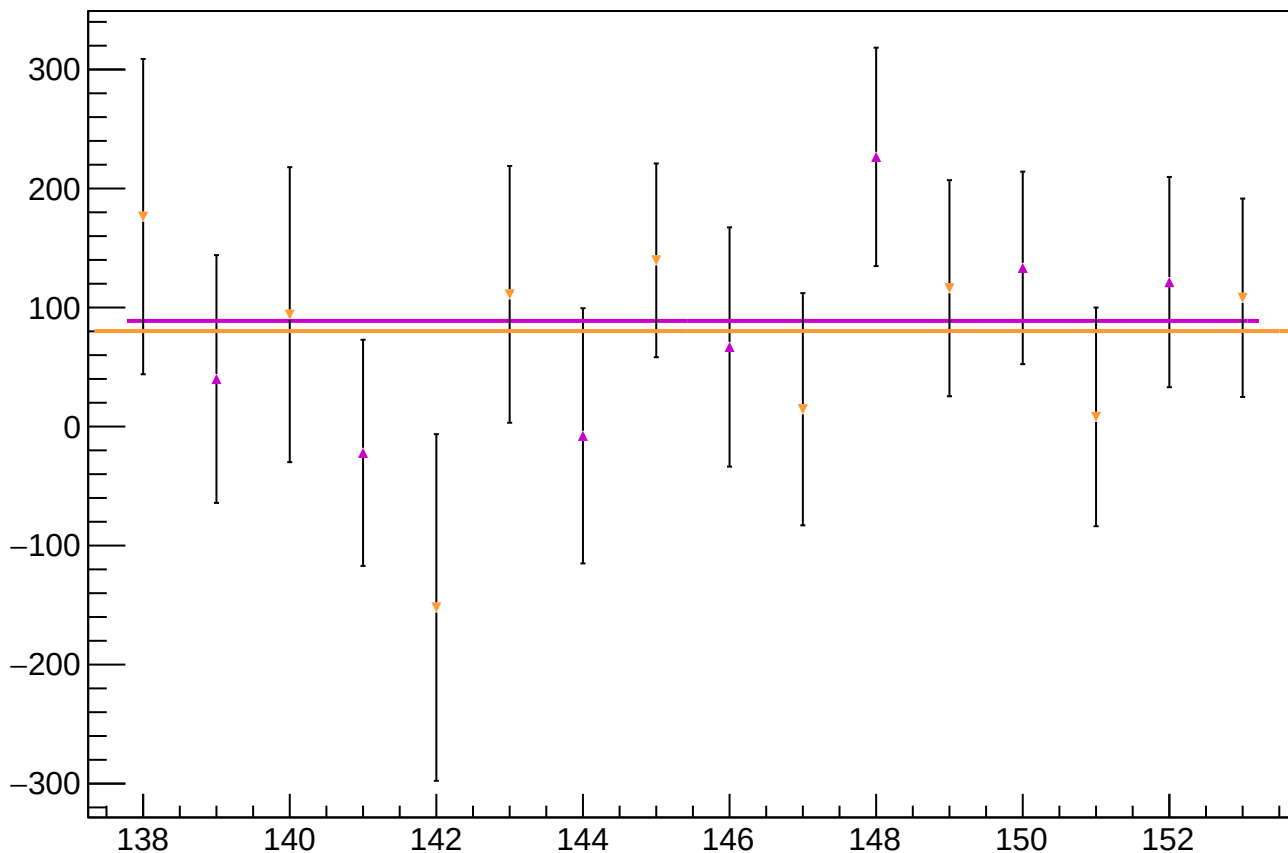
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 189.827+/-0.057 χ^2/NDF :480025.0/6

Out: 194.745+/-0.055 χ^2/NDF :530906.7/8

All: 192.374+/-0.040 χ^2/NDF : 1014773.5/15

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 80.224 $\pm$ 33.426 χ^2 /NDF:5.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 88.769 $\pm$ 35.603 χ^2 /NDF:5.1/6

Left: 84.227 $\pm$ 24.369 χ^2 /NDF: 10.2/15

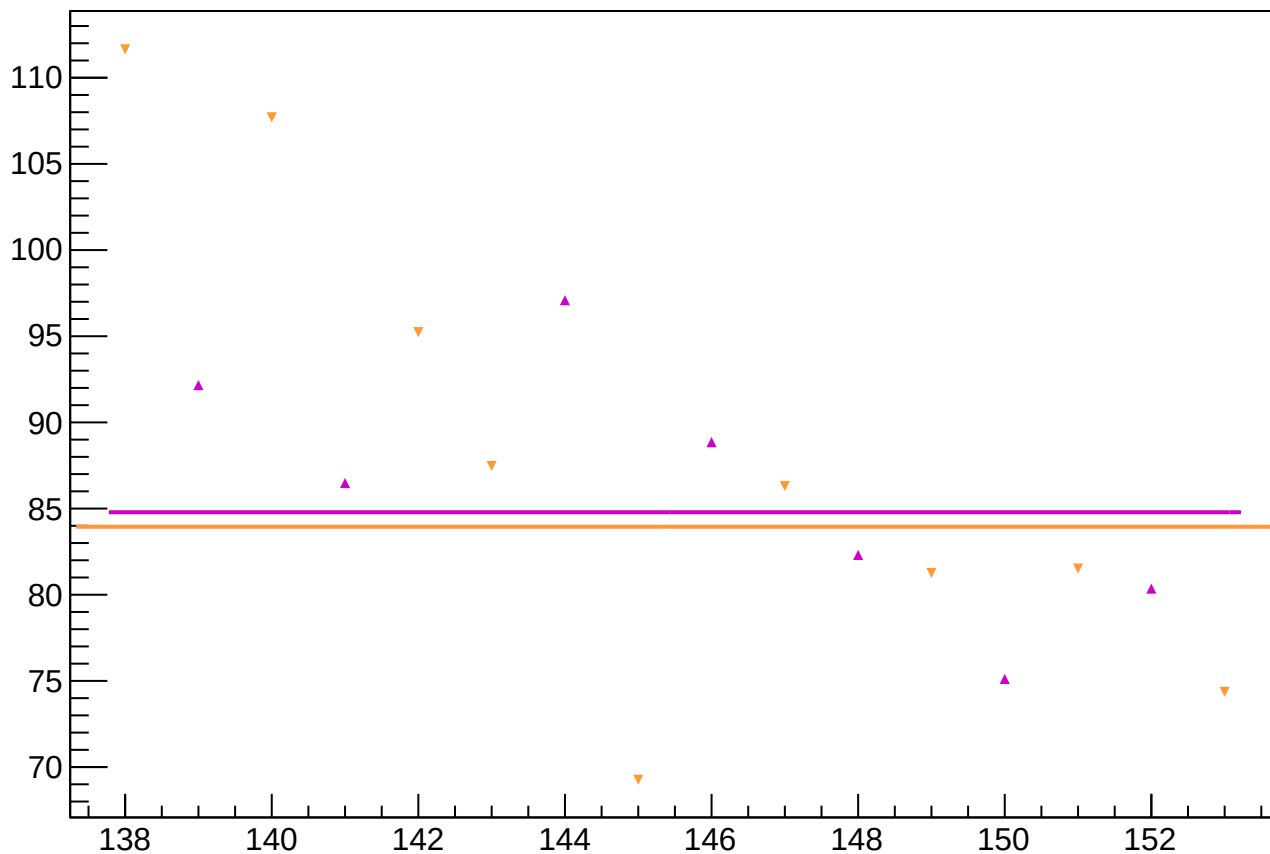
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 88.769 $\pm$ 35.603 χ^2 /NDF:5.1/6

Out: 80.224 $\pm$ 33.426 χ^2 /NDF:5.0/8

All: 84.227 $\pm$ 24.369 χ^2 /NDF: 10.2/15

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 83.947+/-0.024 χ^2/NDF :270992.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.787+/-0.025 χ^2/NDF :75379.1/6

Left: 84.340+/-0.017 χ^2/NDF : 346963.8/15

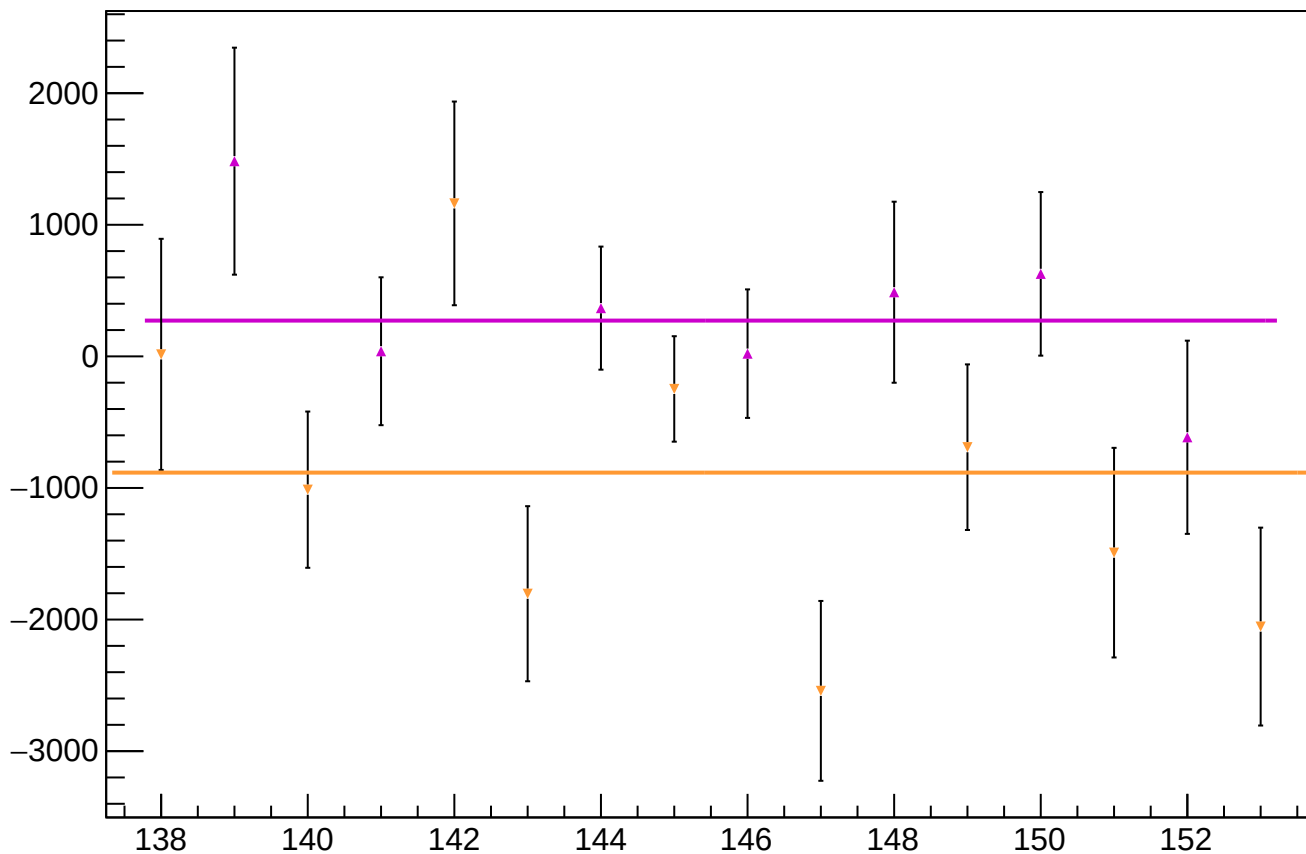
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.787+/-0.025 χ^2/NDF :75379.1/6

Out: 83.947+/-0.024 χ^2/NDF :270992.7/8

All: 84.340+/-0.017 χ^2/NDF : 346963.8/15

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -883.320+/-211.760 χ^2/NDF :21.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 271.927+/-224.539 χ^2/NDF :4.3/6

Left: -339.505+/-154.056 χ^2/NDF : 39.8/15

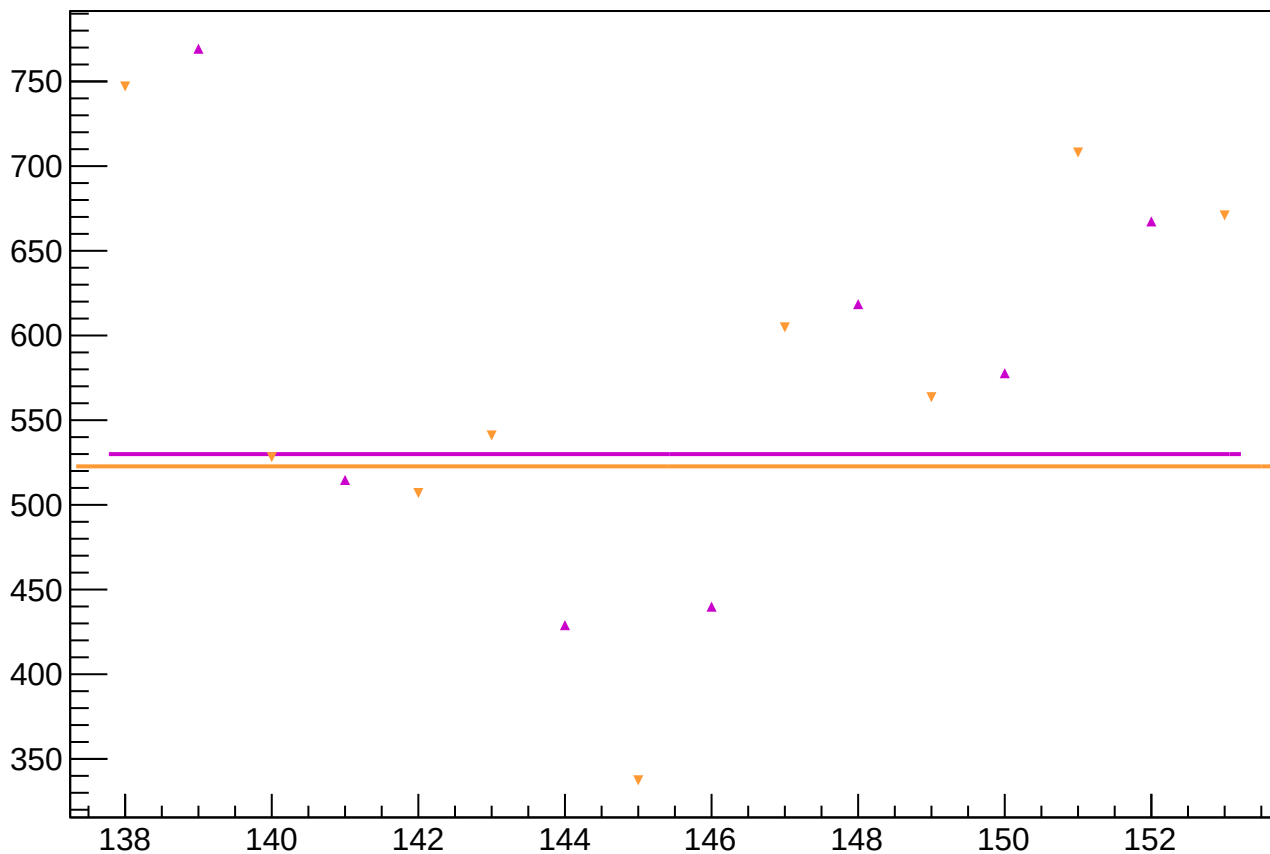
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.927+/-224.539 χ^2/NDF :4.3/6

Out: -883.320+/-211.760 χ^2/NDF :21.5/8

All: -339.505+/-154.056 χ^2/NDF : 39.8/15

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 522.731+/-0.150 χ^2/NDF : 783968.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 529.958+/-0.159 χ^2/NDF : 431797.0/6

Left: 526.133+/-0.109 χ^2/NDF : 1216862.1/15

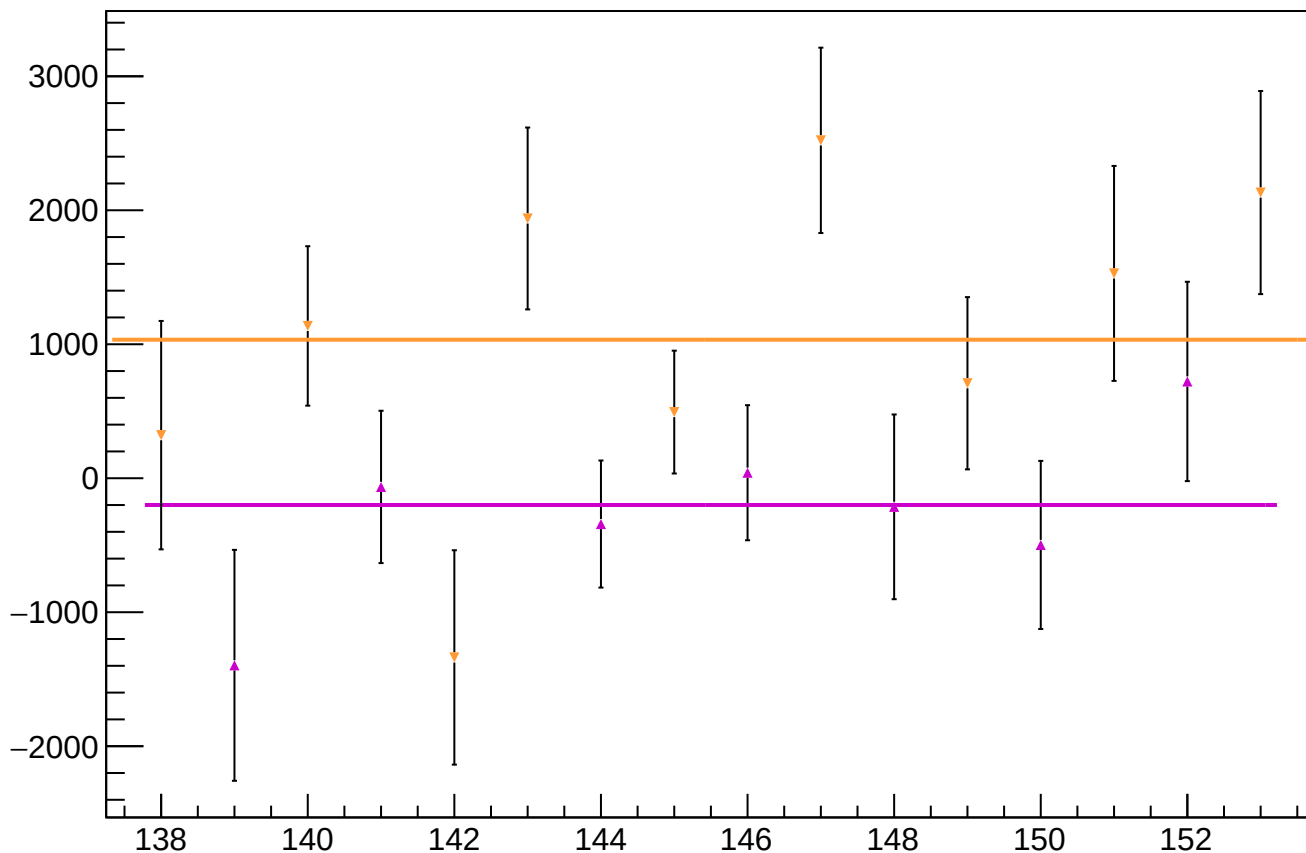
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.958+/-0.159 χ^2/NDF : 431797.0/6

Out: 522.731+/-0.150 χ^2/NDF : 783968.4/8

All: 526.133+/-0.109 χ^2/NDF : 1216862.1/15

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1033.993+/-220.884 χ^2/NDF :20.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -199.713+/-227.775 χ^2/NDF :4.1/6

Left: 436.082+/-158.569 χ^2/NDF : 39.2/15

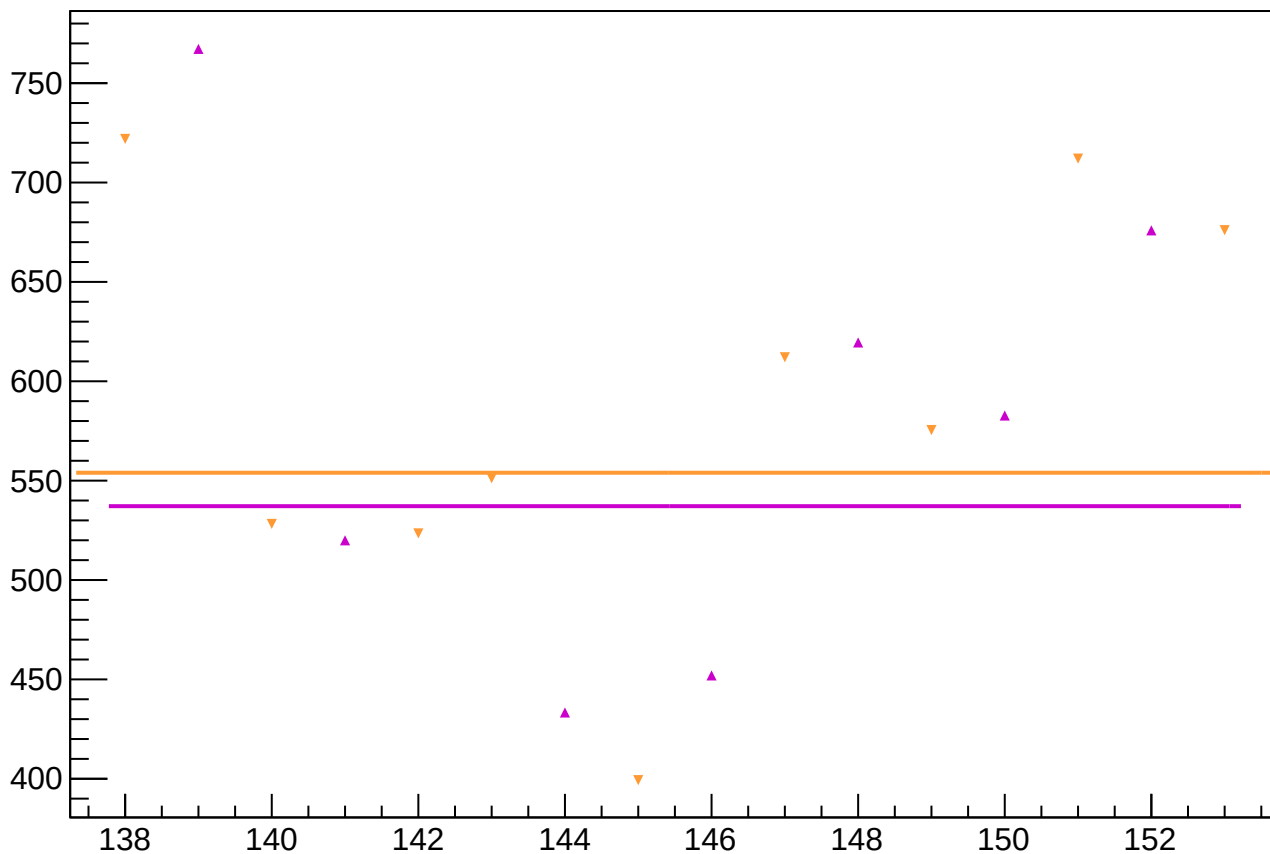
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -199.713+/-227.775 χ^2/NDF :4.1/6

Out: 1033.993+/-220.884 χ^2/NDF :20.0/8

All: 436.082+/-158.569 χ^2/NDF : 39.2/15

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 553.986+/-0.156 χ^2/NDF :457887.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 537.157+/-0.161 χ^2/NDF :406062.2/6

Left: 545.830+/-0.112 χ^2/NDF : 869576.1/15

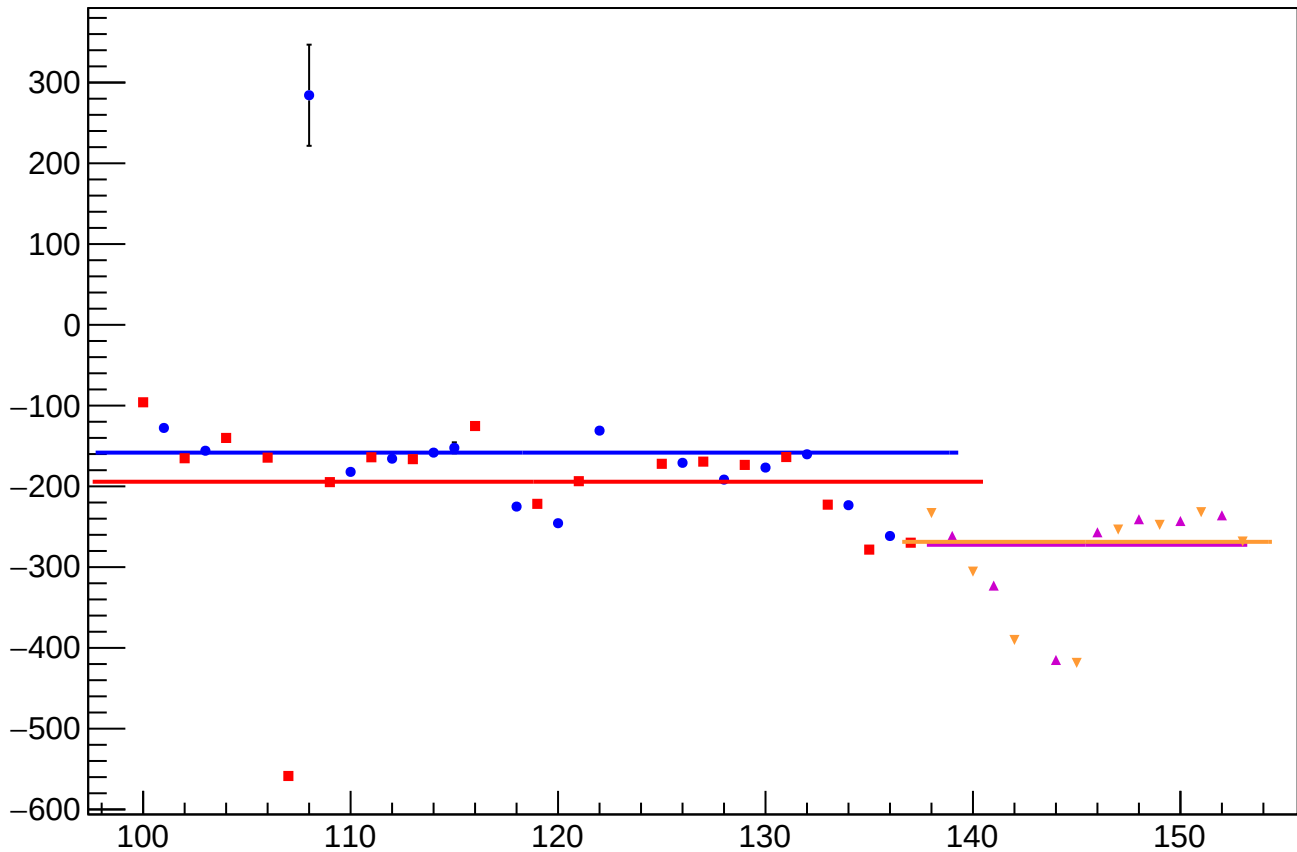
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 537.157+/-0.161 χ^2/NDF :406062.2/6

Out: 553.986+/-0.156 χ^2/NDF :457887.2/8

All: 545.830+/-0.112 χ^2/NDF : 869576.1/15

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -268.682+/-0.220 χ^2/NDF : 24796.5/7

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

Left In: -272.338+/-0.228 χ^2/NDF : 42141.0/6

Left: -270.450+/-0.158 χ^2/NDF : 67070.6/14

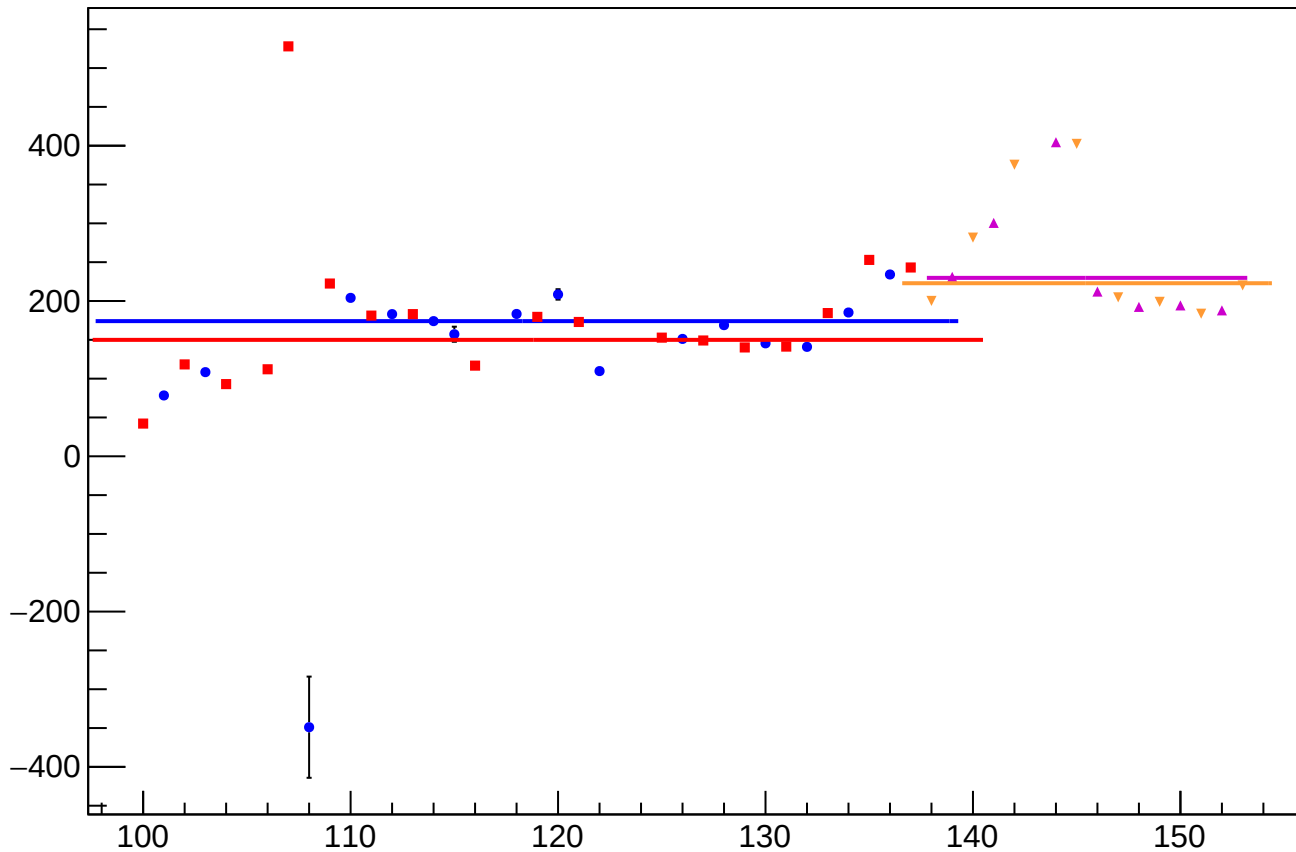
Right: -158.222+/-0.000 χ^2/NDF : 341369.6/33

In: -158.222+/-0.000 χ^2/NDF : 410509.0/22

Out: -221.046+/-0.132 χ^2/NDF : 274421.8/25

All: -158.222+/-0.000 χ^2/NDF : 911002.7/48

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 222.893 $\pm$ 0.220 χ^2 /NDF:32426.8/7

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

Left In: 229.800 $\pm$ 0.232 χ^2 /NDF:59361.6/6

Left: 226.170 $\pm$ 0.160 χ^2 /NDF: 92255.0/14

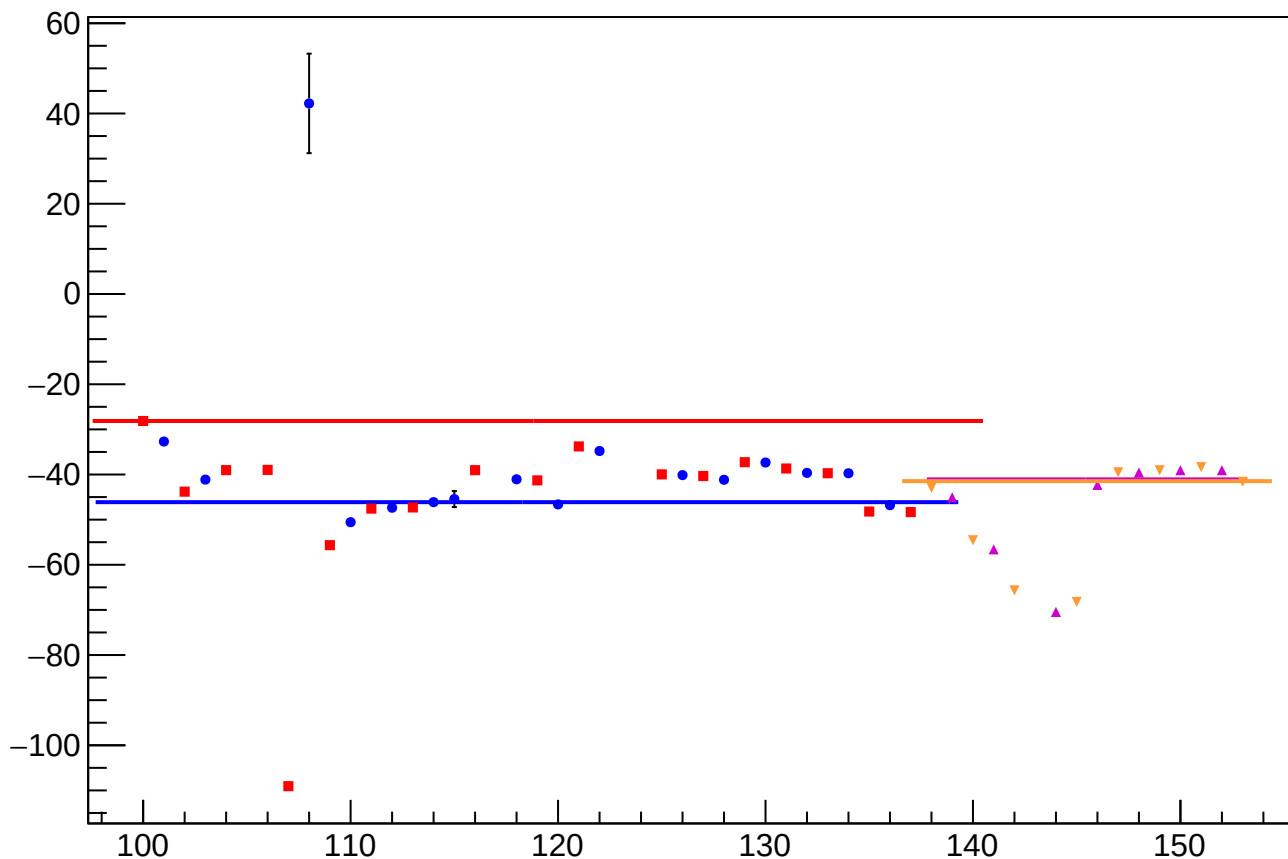
Right: 174.085 $\pm$ 0.000 χ^2 /NDF: 236460.5/33

In: 174.085 $\pm$ 0.000 χ^2 /NDF:170518.4/22

Out: 182.102 $\pm$ 0.146 χ^2 /NDF:261614.6/25

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 435138.9/48

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Left Out: -41.471+/-0.010 χ^2/NDF : 84091.5/7

Right Out: -28.139+/-0.000 χ^2/NDF : 746939.9/17

Left In: -41.080+/-0.014 χ^2/NDF : 153215.2/6

Left: -41.342+/-0.008 χ^2/NDF : 237796.7/14

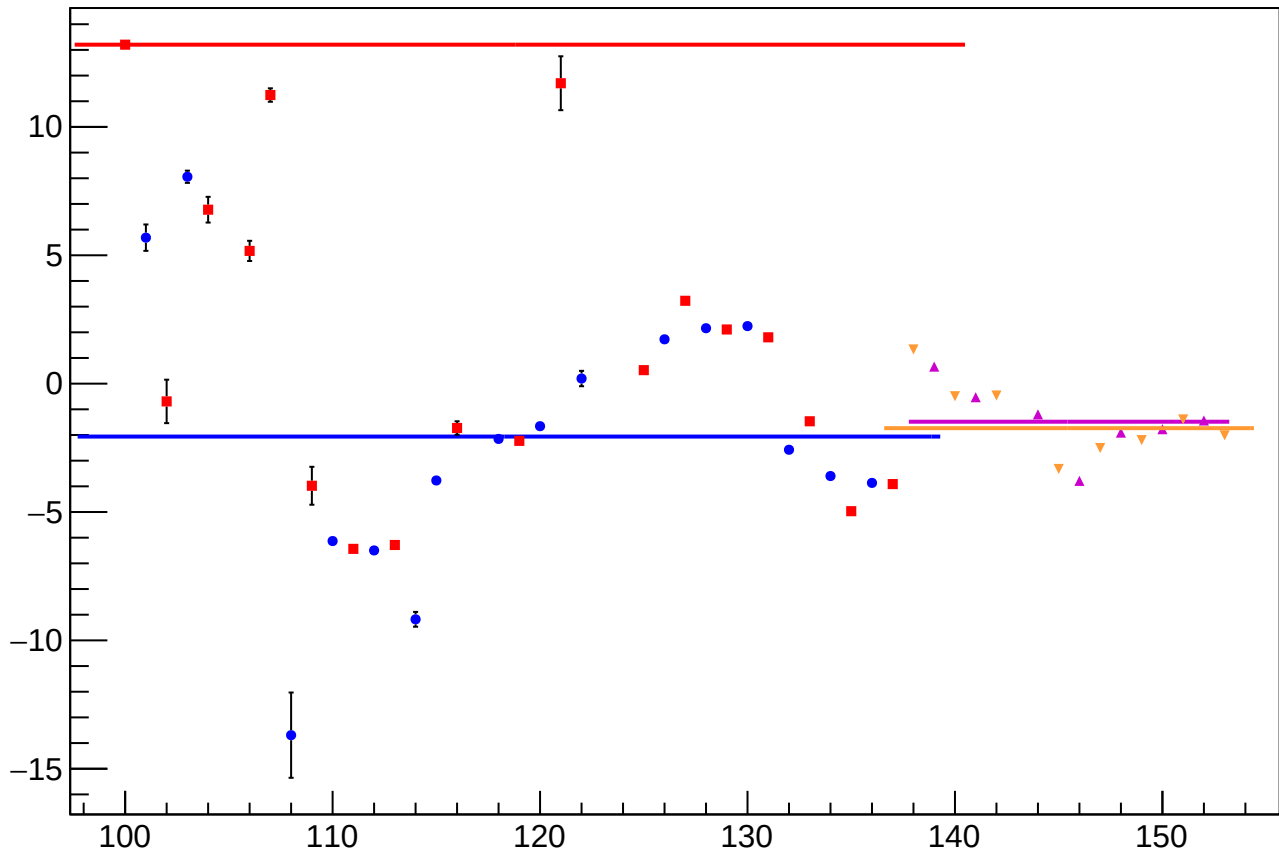
Right: -39.778+/-0.000 χ^2/NDF : 248795993231659

In: -46.126+/-0.000 χ^2/NDF : 475950.4/22

Out: -28.139+/-0.000 χ^2/NDF : 2564940.3/25

All: -39.778+/-0.000 χ^2/NDF : 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.734 ± 0.011 χ^2/NDF : 7294.3/7

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

Left In: -1.483 ± 0.011 χ^2/NDF : 6080.0/6

Left: -1.599 ± 0.008 χ^2/NDF : 13633.8/14

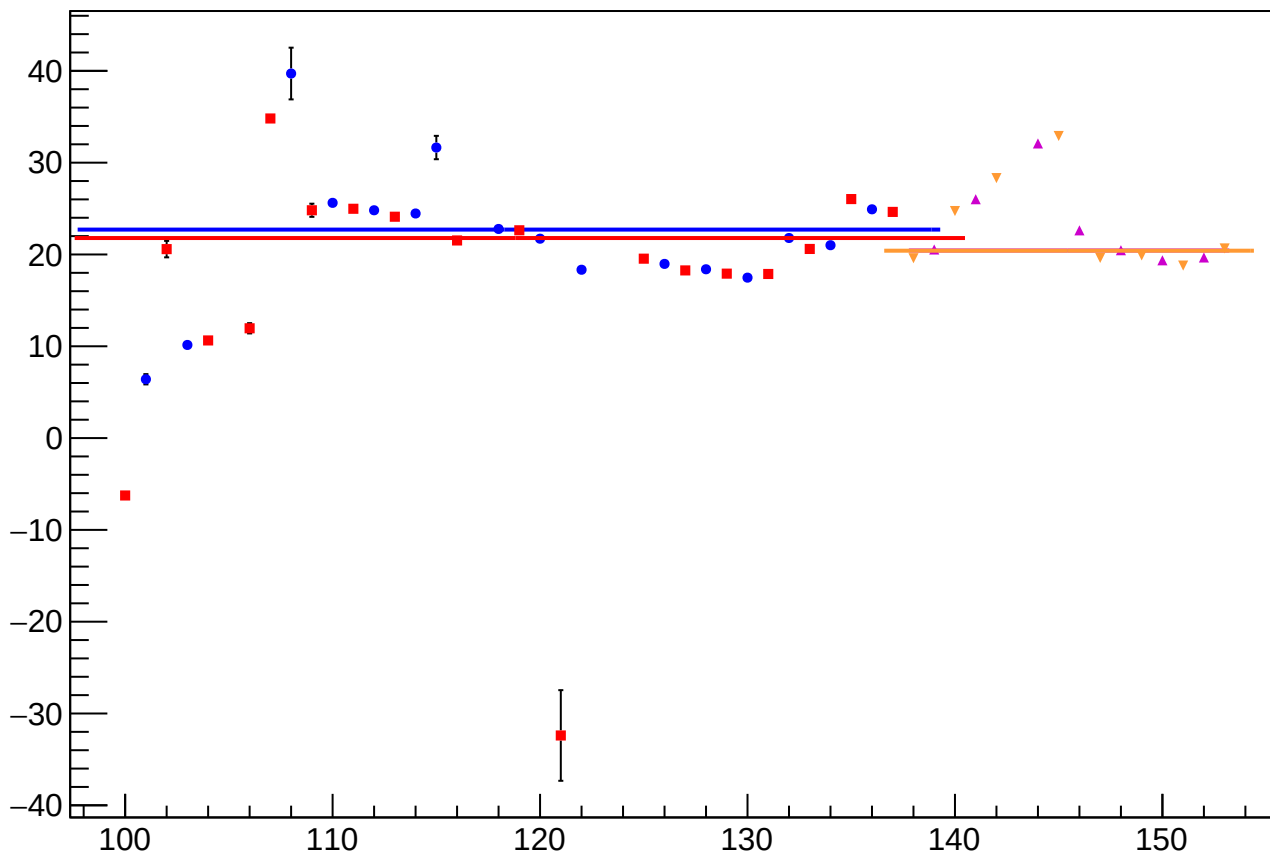
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -1.634 ± 0.009 χ^2/NDF : 32523.1/22

Out: 13.204 ± 0.000 χ^2/NDF : 2216206.4/25

All: 13.204 ± 0.000 χ^2/NDF : 4902708.5/48

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.412 $\pm$ 0.015 χ^2 /NDF:14226.5/7

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

Left In: 20.433 $\pm$ 0.014 χ^2 /NDF:26561.7/6

Left: 20.423 $\pm$ 0.010 χ^2 /NDF: 40789.3/14

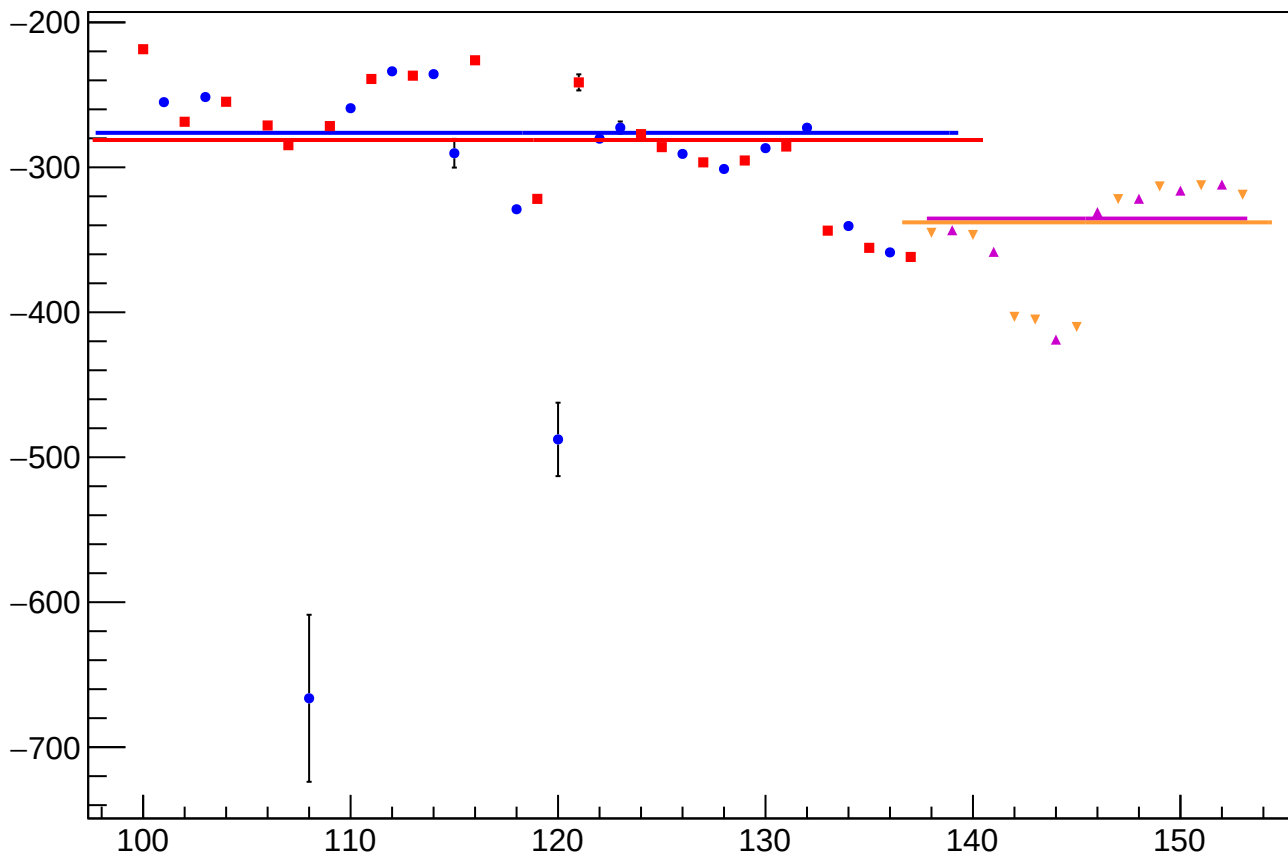
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 21.280 $\pm$ 0.011 χ^2 /NDF:58592.9/22

Out: 20.851 $\pm$ 0.012 χ^2 /NDF:43693.9/25

All: 21.078 $\pm$ 0.008 χ^2 /NDF: 102948.4/48

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF : 58107.7/16

Left Out: -337.968+/-0.196 χ^2/NDF : 24015.7/8

Right Out: -281.150+/-0.148 χ^2/NDF : 77611.5/18

Left In: -335.350+/-0.152 χ^2/NDF : 30873.1/6

Left: -336.333+/-0.120 χ^2/NDF : 55000.7/15

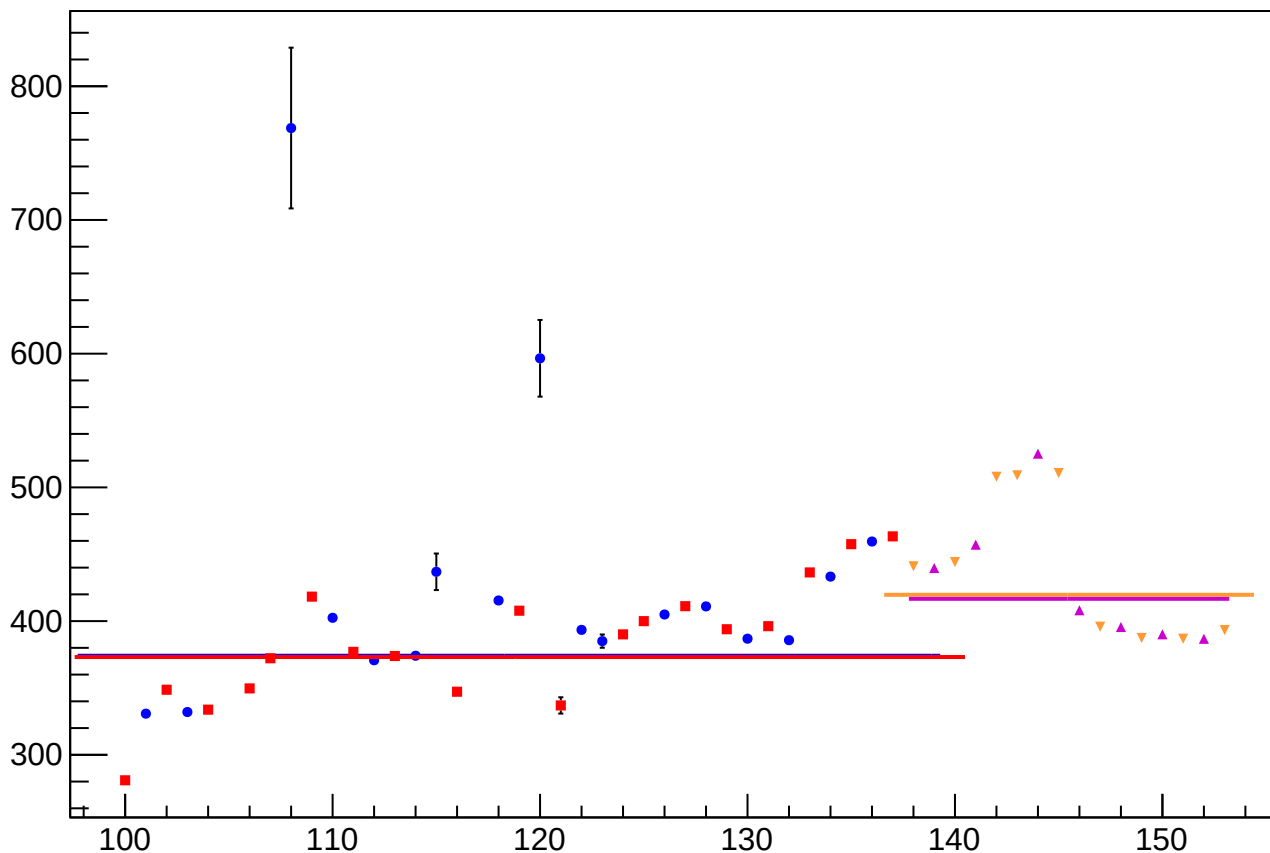
Right: -278.974+/-0.110 χ^2/NDF : 136213.7/35

In: -308.557+/-0.112 χ^2/NDF : 157961.8/23

Out: -301.768+/-0.118 χ^2/NDF : 155434.5/27

All: -305.330+/-0.081 χ^2/NDF : 315139.5/51

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 419.670+/-0.198 χ^2/NDF : 43363.9/8

Right Out: 373.134+/-0.158 χ^2/NDF : 108219.4/18

Left In: 416.686+/-0.155 χ^2/NDF : 52897.0/6

Left: 417.820+/-0.122 χ^2/NDF : 96402.4/15

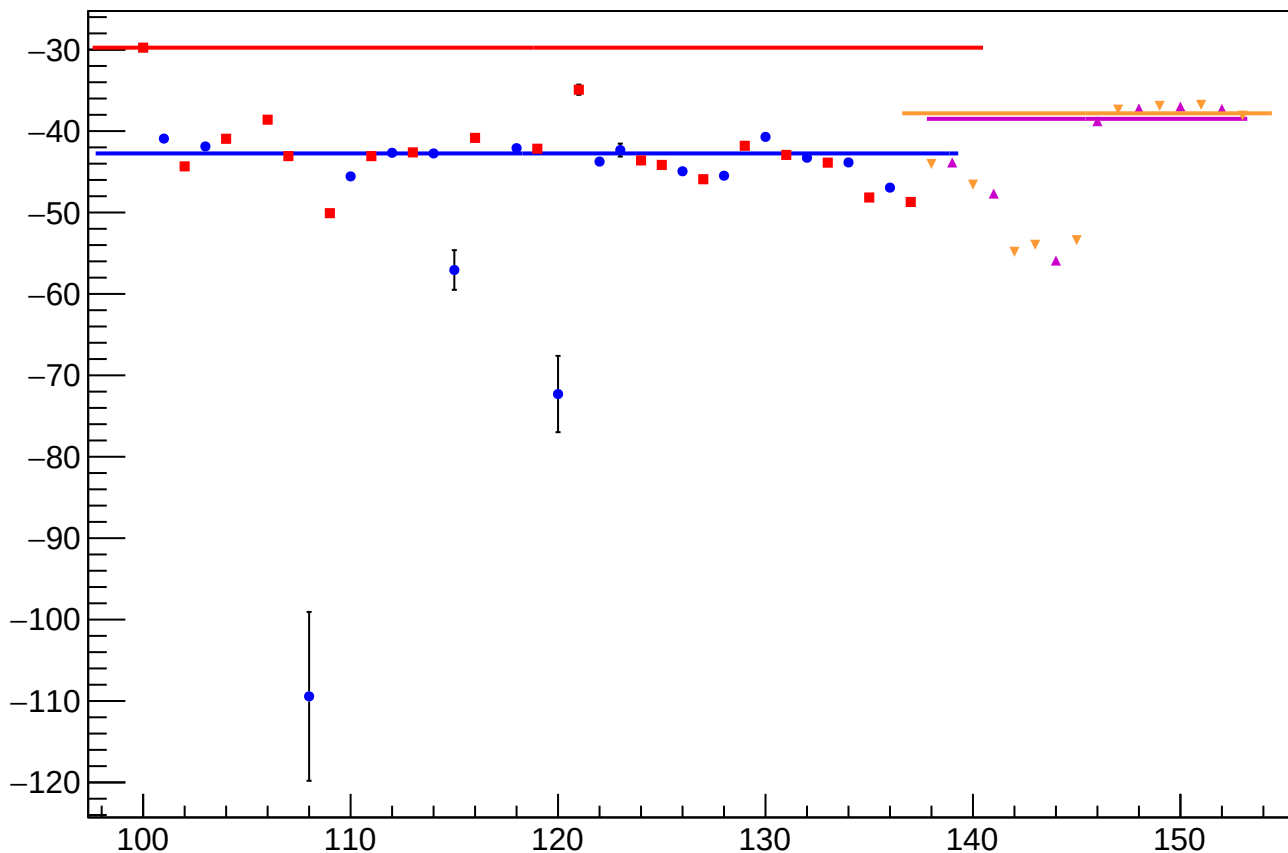
Right: 374.094+/-0.000 χ^2/NDF : 143328.3/35

In: 374.094+/-0.000 χ^2/NDF : 163864.7/23

Out: 391.285+/-0.123 χ^2/NDF : 185441.0/27

All: 374.094+/-0.000 χ^2/NDF : 368728.2/51

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -37.814+/-0.006 χ^2/NDF : 248990.8/8

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

Left In: -38.496+/-0.009 χ^2/NDF : 137453.9/6

Left: -38.022+/-0.005 χ^2/NDF : 390752.2/15

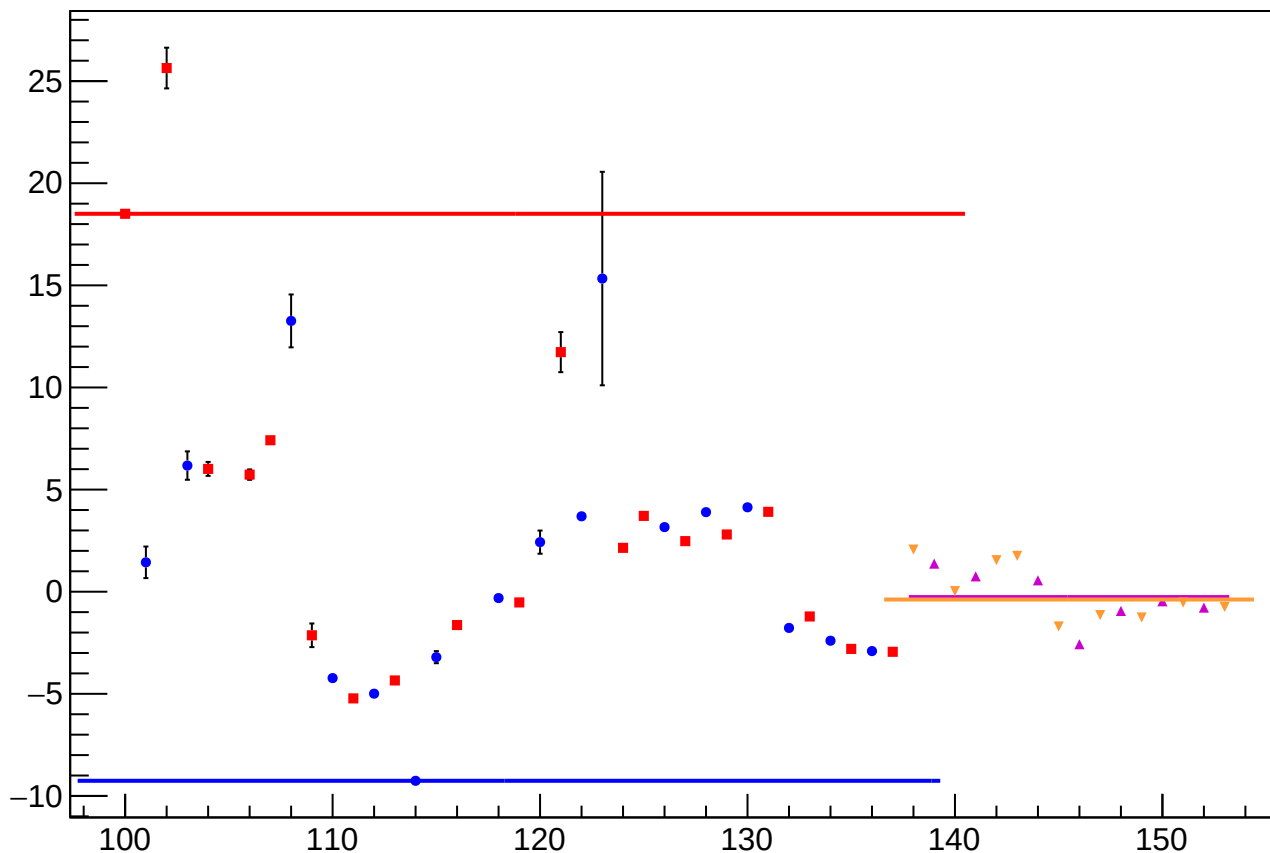
Right: -38.159+/-0.000 χ^2/NDF : 129765212680709

In: -42.744+/-0.000 χ^2/NDF : 391676.1/23

Out: -29.754+/-0.000 χ^2/NDF : 2712628.5/27

All: -38.159+/-0.000 χ^2/NDF : 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: -0.382 ± 0.010 χ^2/NDF : 11091.1/8

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

Left In: -0.262 ± 0.011 χ^2/NDF : 7016.2/6

Left: -0.330 ± 0.008 χ^2/NDF : 18168.8/15

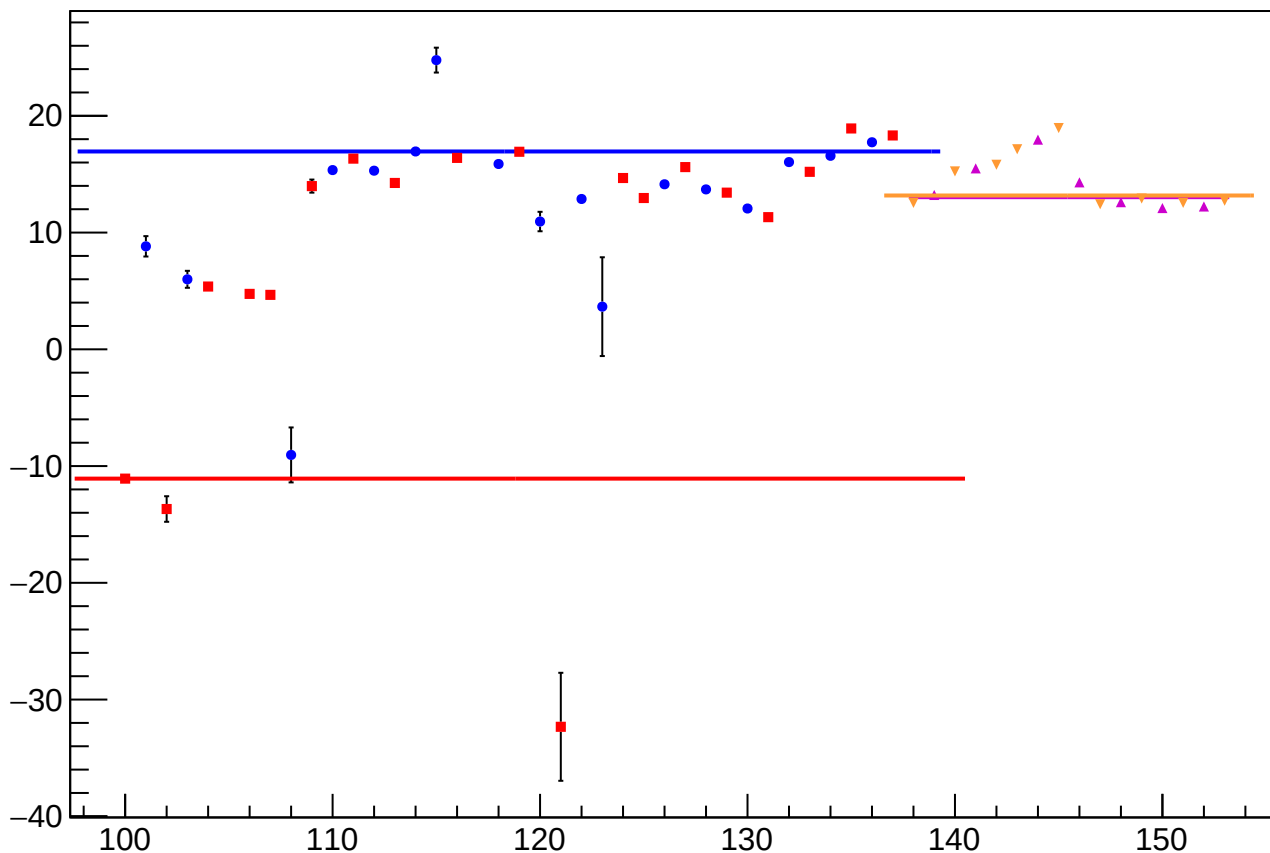
Right: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

In: -9.259 ± 0.000 χ^2/NDF : 1030526.4/23

Out: 18.504 ± 0.000 χ^2/NDF : 10836818.0/27

All: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 ± 0.000 χ^2/NDF : 11231.8/16

Left Out: 13.176 ± 0.011 χ^2/NDF : 13129.0/8

Right Out: -11.075 ± 0.000 χ^2/NDF : 2712010.0/18

Left In: 13.031 ± 0.014 χ^2/NDF : 9420.4/6

Left: 13.119 ± 0.009 χ^2/NDF : 22614.1/15

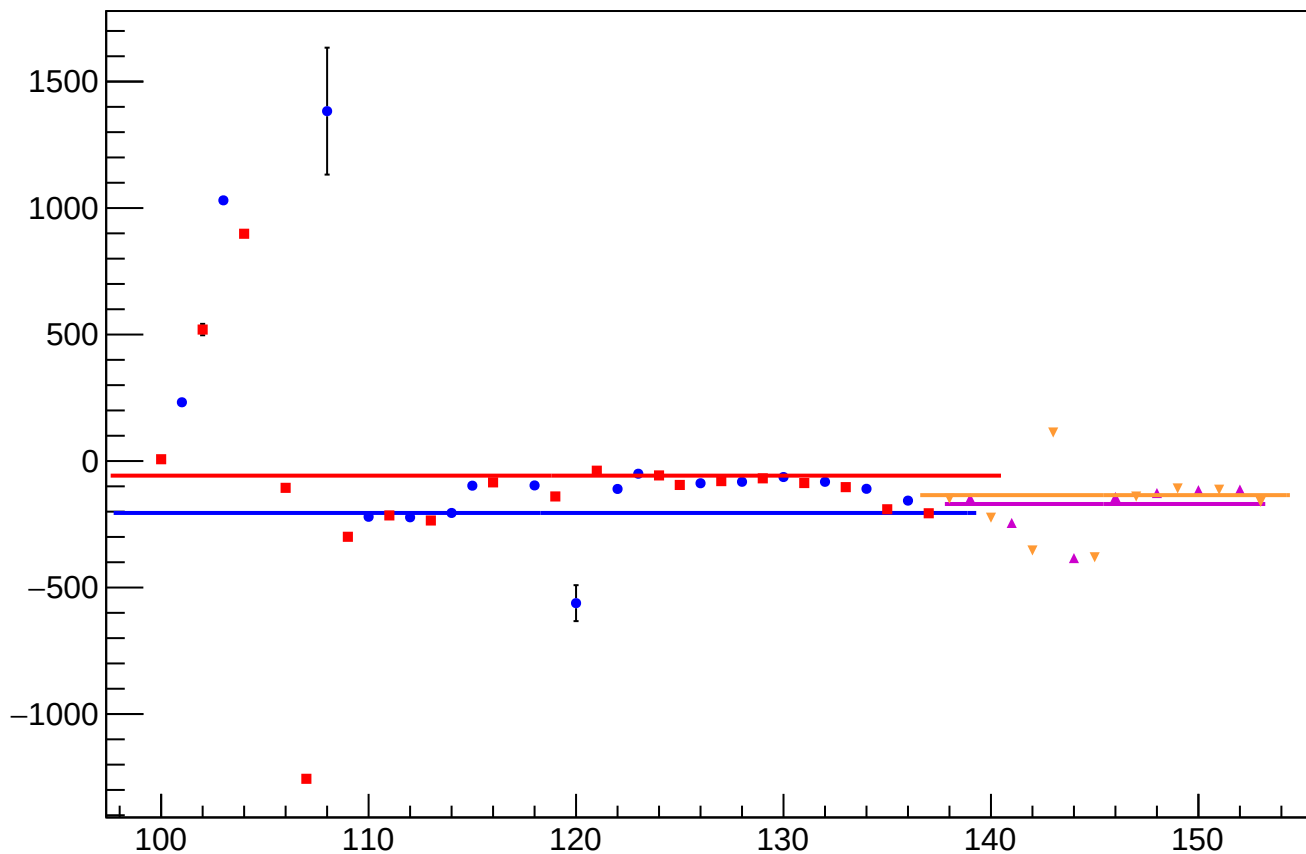
Right: -2.268 ± 0.000 χ^2/NDF : 4692527454635666

In: 16.947 ± 0.000 χ^2/NDF : 99057.8/23

Out: -11.075 ± 0.000 χ^2/NDF : 7358212.9/27

All: -2.268 ± 0.000 χ^2/NDF : 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -134.737 ± 0.364 $\chi^2/\text{NDF}: 43052.6/8$

Right Out: -57.684 ± 0.283 $\chi^2/\text{NDF}: 114854.9/18$

Left In: -169.758 ± 0.445 $\chi^2/\text{NDF}: 37072.0/6$

Left: -148.774 ± 0.282 $\chi^2/\text{NDF}: 83834.9/15$

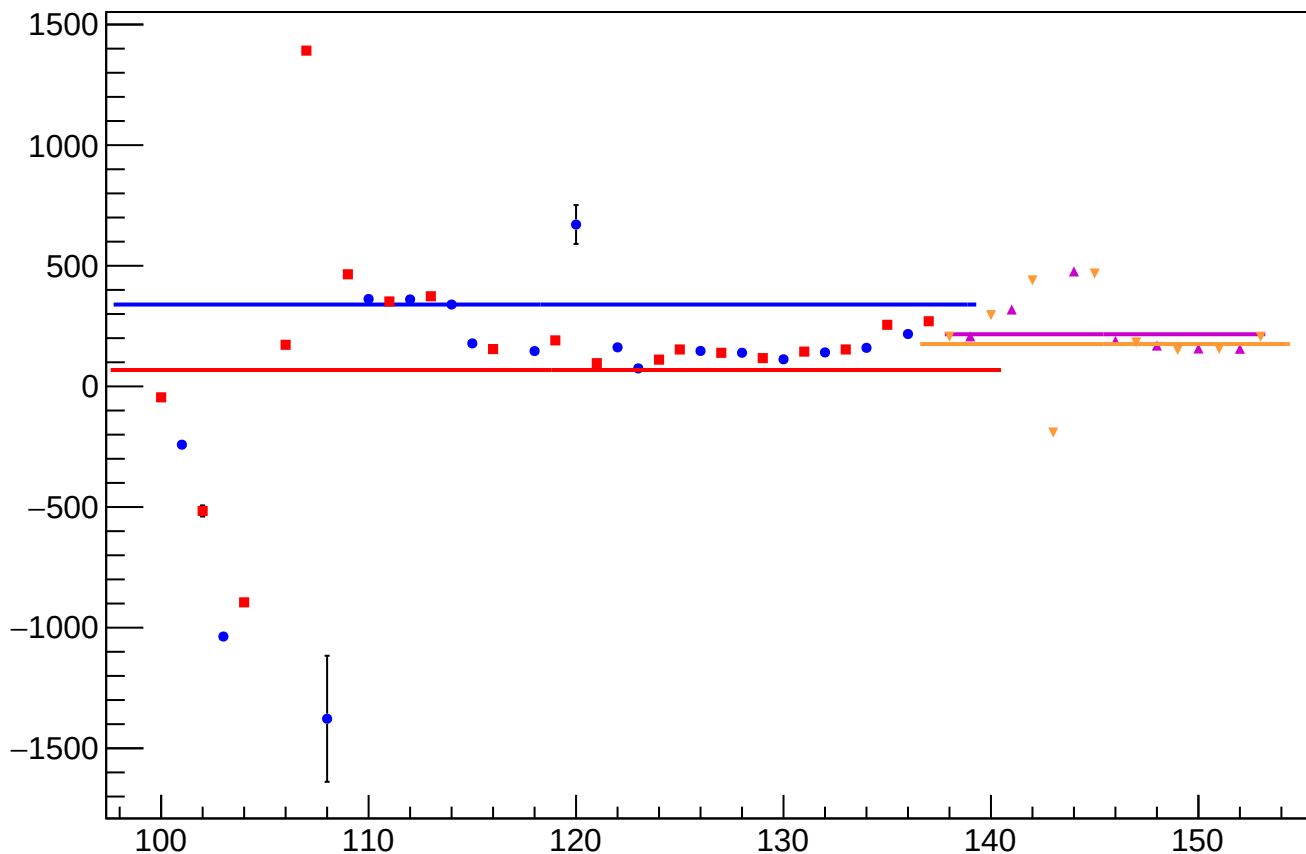
Right: -205.160 ± 0.000 $\chi^2/\text{NDF}: 968522.3/35$

In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 626175.2/23$

Out: -86.758 ± 0.224 $\chi^2/\text{NDF}: 185810.8/27$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1092405.5/51$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 175.525+/-0.369 χ^2/NDF : 78790.1/8

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

Left In: 216.185+/-0.457 χ^2/NDF : 43510.9/6

Left: 191.569+/-0.287 χ^2/NDF : 127097.4/15

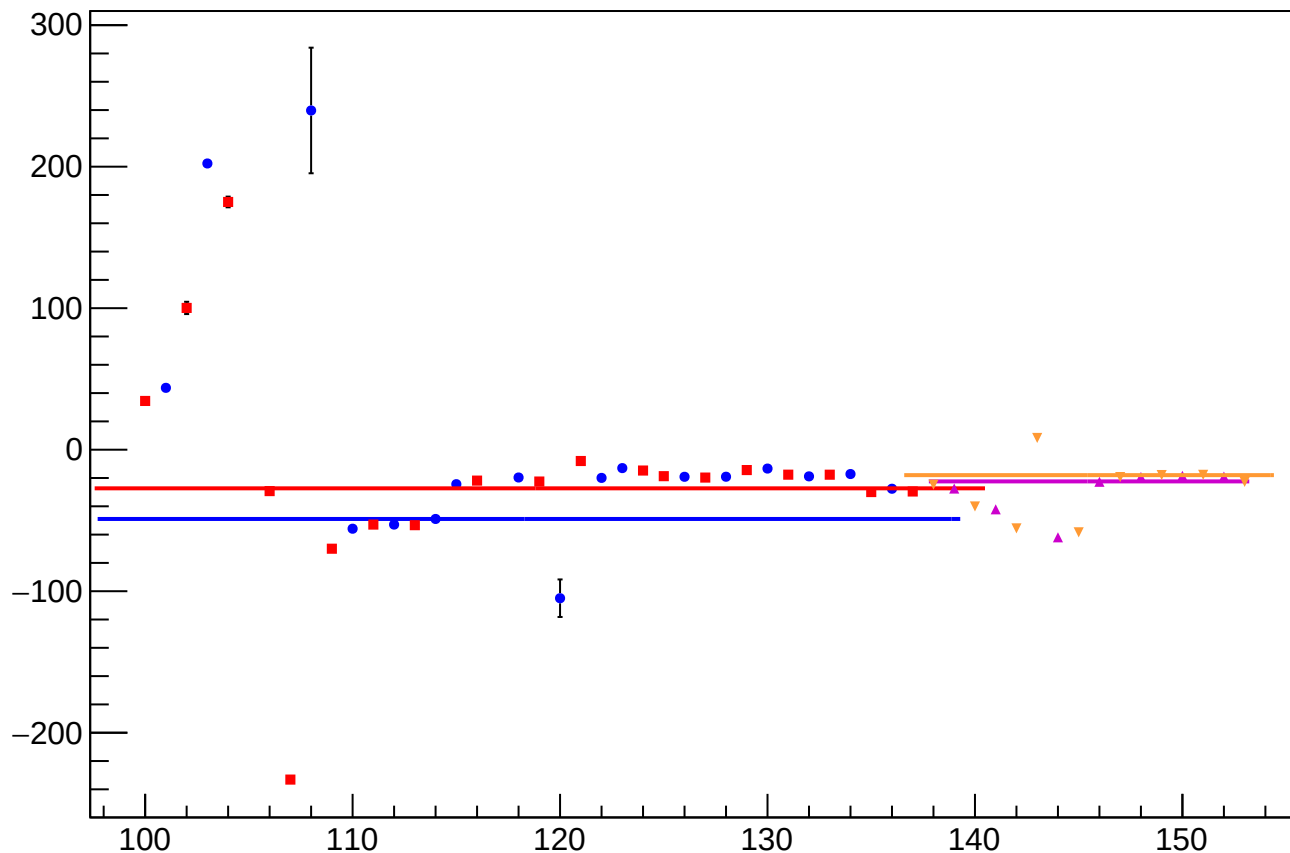
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1146784.7/23

Out: 108.409+/-0.226 χ^2/NDF : 404168.7/27

All: 339.325+/-0.000 χ^2/NDF : 2594522.5/51

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 $\pm$ 0.000 χ^2 /NDF: 5408370.4/16

Left Out: -17.976 $\pm$ 0.016 χ^2 /NDF: 542951.9/8

Right Out: -27.303 $\pm$ 0.052 χ^2 /NDF: 167879.9/18

Left In: -22.402 $\pm$ 0.026 χ^2 /NDF: 118522.8/6

Left: -19.257 $\pm$ 0.014 χ^2 /NDF: 682693.0/15

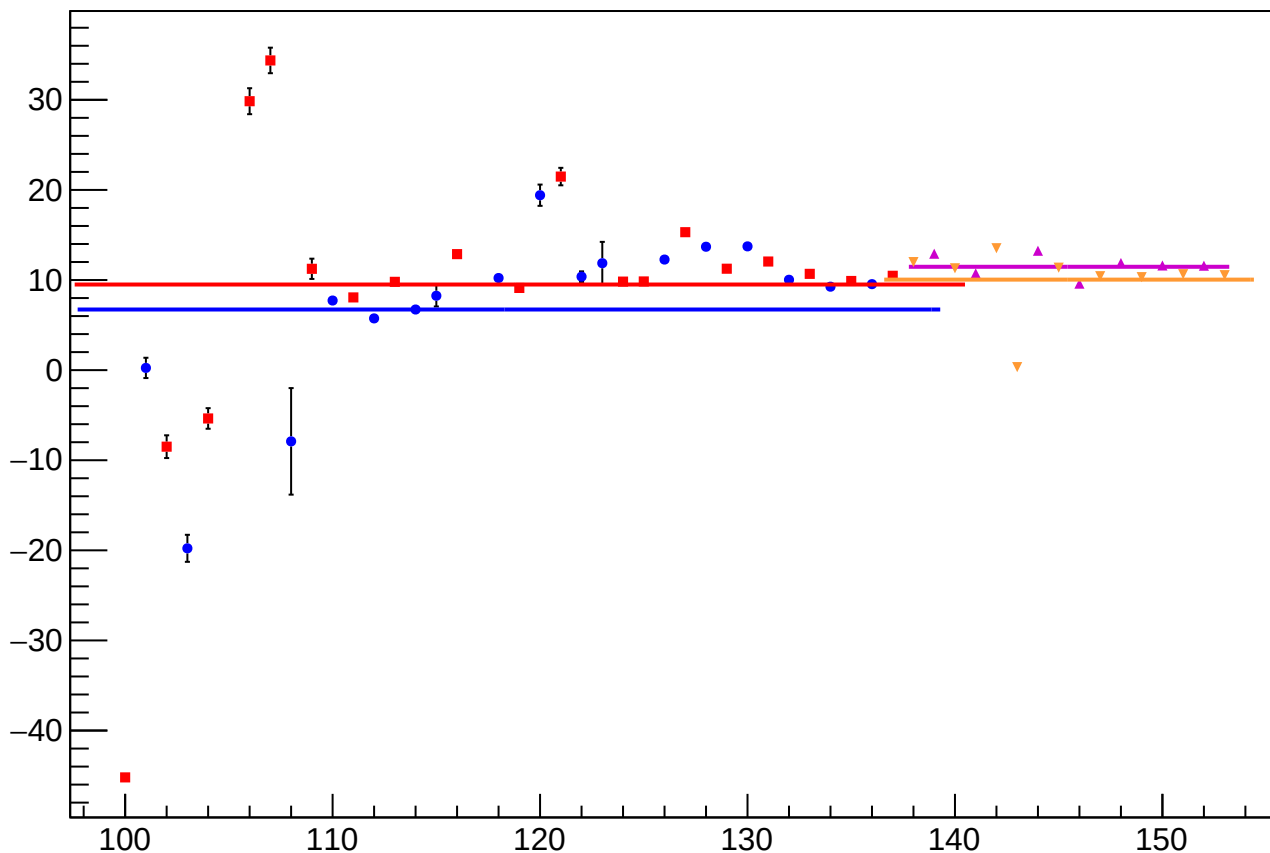
Right: -48.945 $\pm$ 0.000 χ^2 /NDF: 5751523.0/35

In: -48.945 $\pm$ 0.000 χ^2 /NDF: 6600940.5/23

Out: -18.824 $\pm$ 0.016 χ^2 /NDF: 740426.6/27

All: -48.945 $\pm$ 0.000 χ^2 /NDF: 11074133.1/51

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 ± 0.000 $\chi^2/\text{NDF}: 13749.2/16$

Left Out: 10.045 ± 0.023 $\chi^2/\text{NDF}: 20782.0/8$

Right Out: 9.502 ± 0.036 $\chi^2/\text{NDF}: 26822.1/18$

Left In: 11.471 ± 0.021 $\chi^2/\text{NDF}: 2191.3/6$

Left: 10.818 ± 0.016 $\chi^2/\text{NDF}: 25003.7/15$

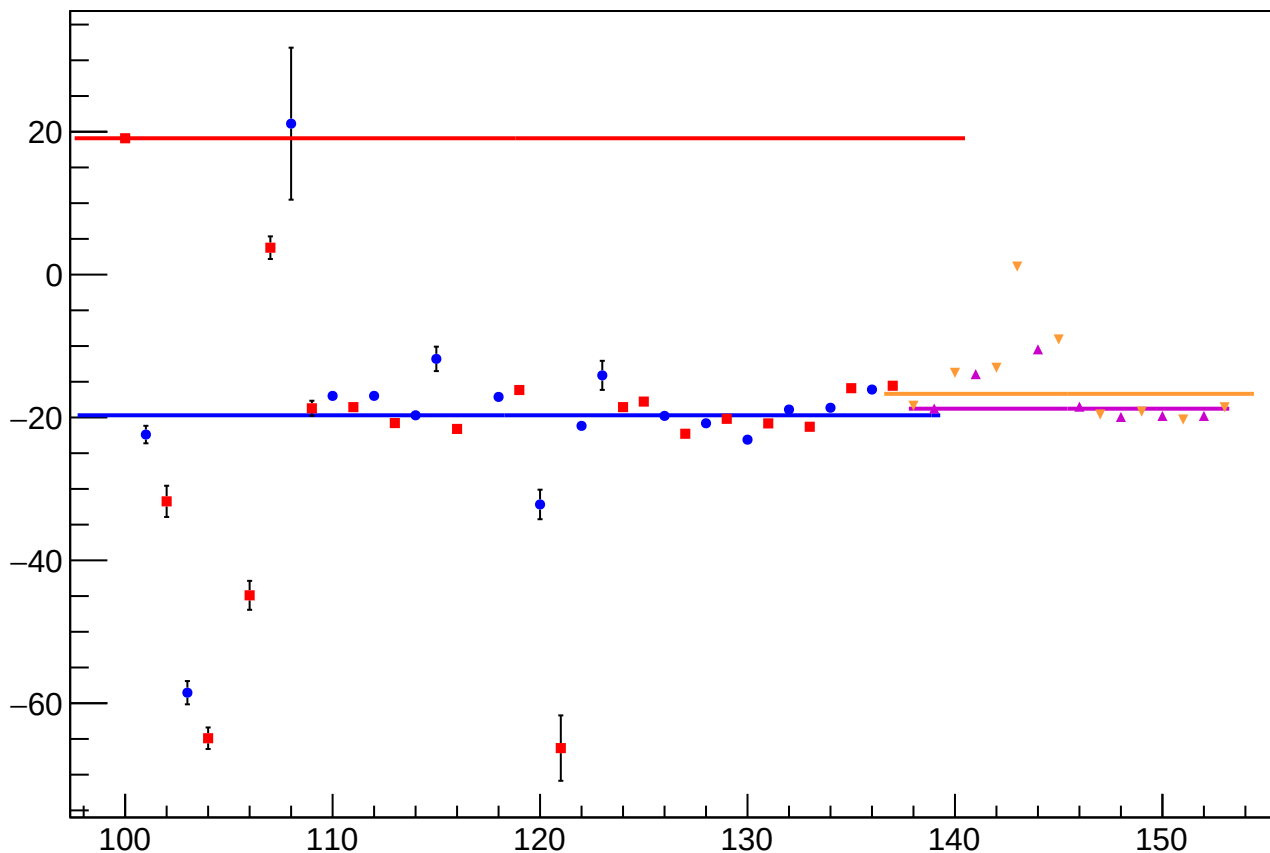
Right: 6.728 ± 0.000 $\chi^2/\text{NDF}: 46635.2/35$

In: 6.728 ± 0.000 $\chi^2/\text{NDF}: 65023.5/23$

Out: 9.883 ± 0.019 $\chi^2/\text{NDF}: 47767.2/27$

All: 6.728 ± 0.000 $\chi^2/\text{NDF}: 138981.7/51$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -16.692 ± 0.029 χ^2/NDF : 35532.7/8

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

Left In: -18.770 ± 0.028 χ^2/NDF : 5384.4/6

Left: -17.743 ± 0.020 χ^2/NDF : 43594.8/15

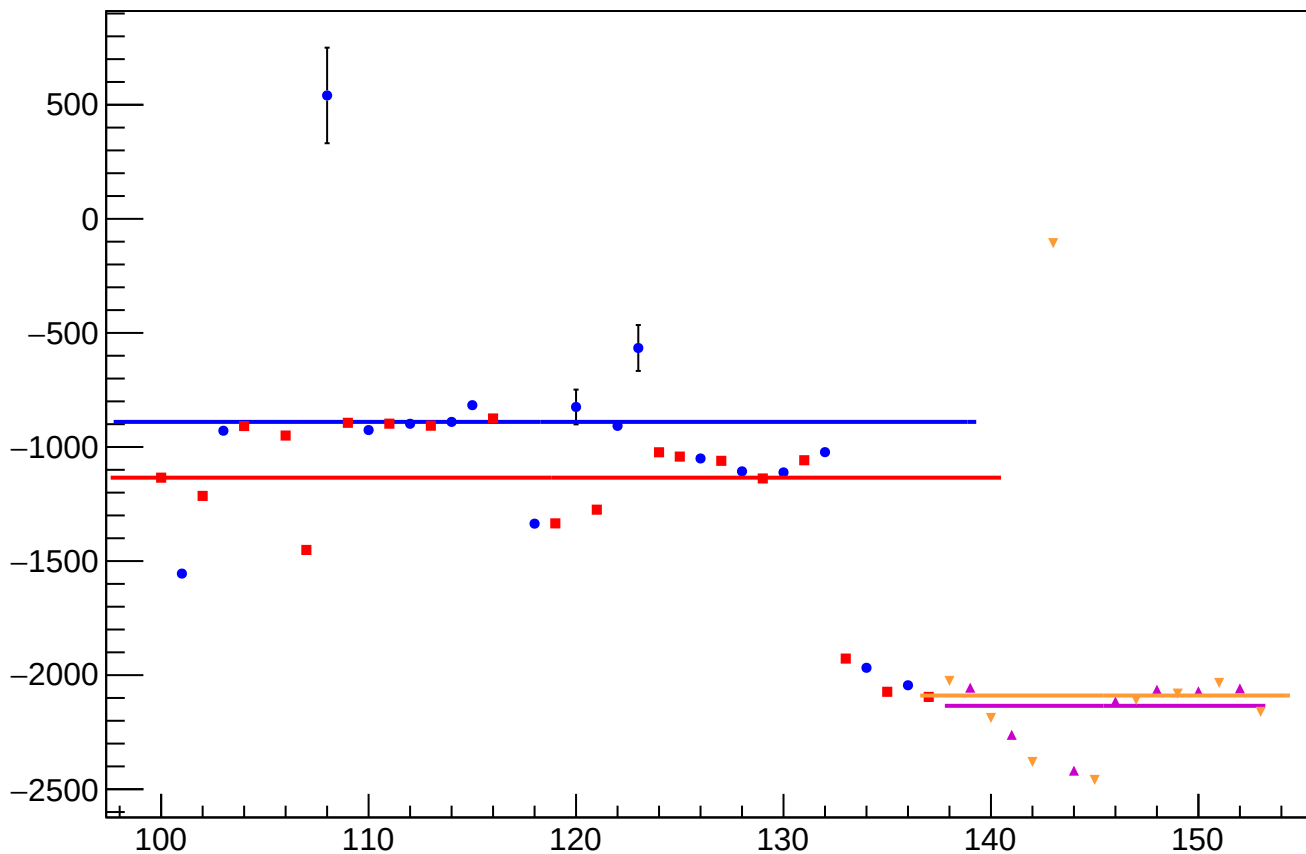
Right: -6.006 ± 0.000 χ^2/NDF : 4625637731292657

In: -19.693 ± 0.000 χ^2/NDF : 14032.4/23

Out: 19.086 ± 0.000 χ^2/NDF : 2215332.1/27

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928 ± 0.000 $\chi^2/\text{NDF}: 775896.0/16$

Left Out: -2089.308 ± 0.585 $\chi^2/\text{NDF}: 262863.9/8$

Right Out: -1134.421 ± 0.000 $\chi^2/\text{NDF}: 733812.0/18$

Left In: -2134.462 ± 0.702 $\chi^2/\text{NDF}: 30924.0/6$

Left: -2107.795 ± 0.449 $\chi^2/\text{NDF}: 296230.0/15$

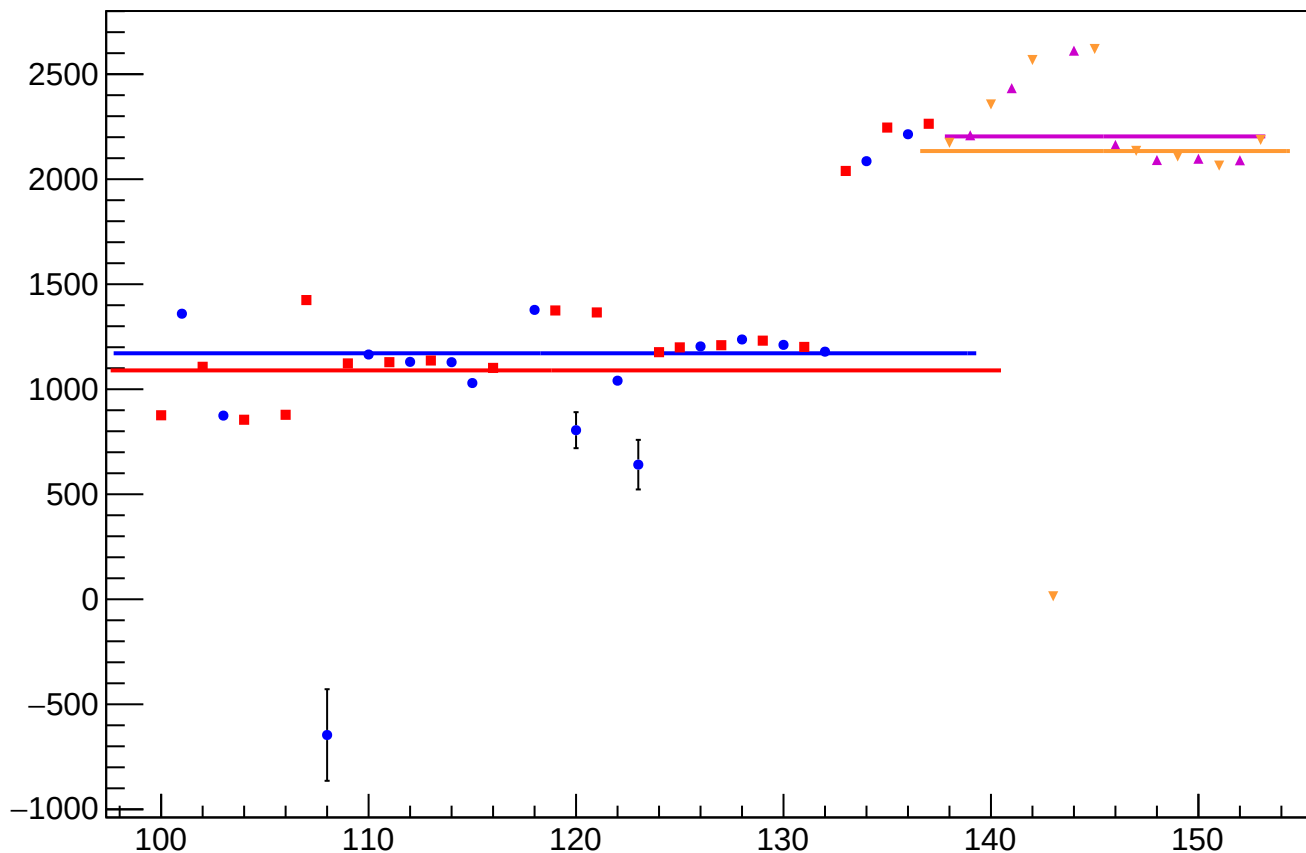
Right: -976.220 ± 0.000 $\chi^2/\text{NDF}: 44889787387498$

In: -889.928 ± 0.000 $\chi^2/\text{NDF}: 3948122.4/23$

Out: -1134.421 ± 0.000 $\chi^2/\text{NDF}: 3664078.4/27$

All: -976.220 ± 0.000 $\chi^2/\text{NDF}: 44889787387$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2134.034 $\pm$ 0.579 χ^2 /NDF:301460.8/8

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

Left In: 2203.720 $\pm$ 0.724 χ^2 /NDF:54488.1/6

Left: 2161.188 $\pm$ 0.452 χ^2 /NDF: 361601.6/15

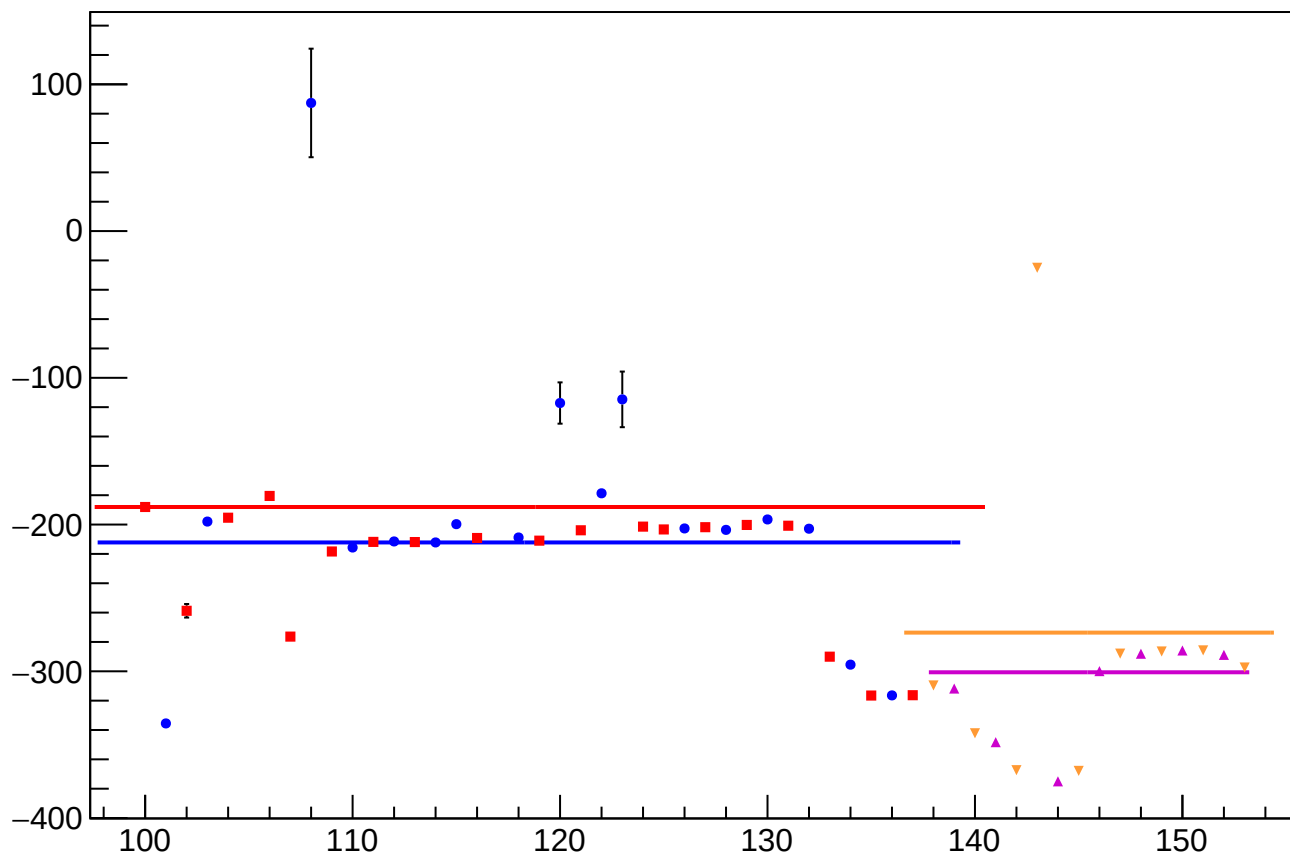
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1277.538 $\pm$ 0.232 χ^2 /NDF:2387318.8/23

Out: 1257.838 $\pm$ 0.232 χ^2 /NDF:4135313.0/27

All: 1267.678 $\pm$ 0.164 χ^2 /NDF: 6526228.7/51

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -273.634+/-0.032 χ^2/NDF : 5621876.1/8

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

Left In: -300.668+/-0.049 χ^2/NDF : 269680.3/6

Left: -281.864+/-0.027 χ^2/NDF : 6103559.3/15

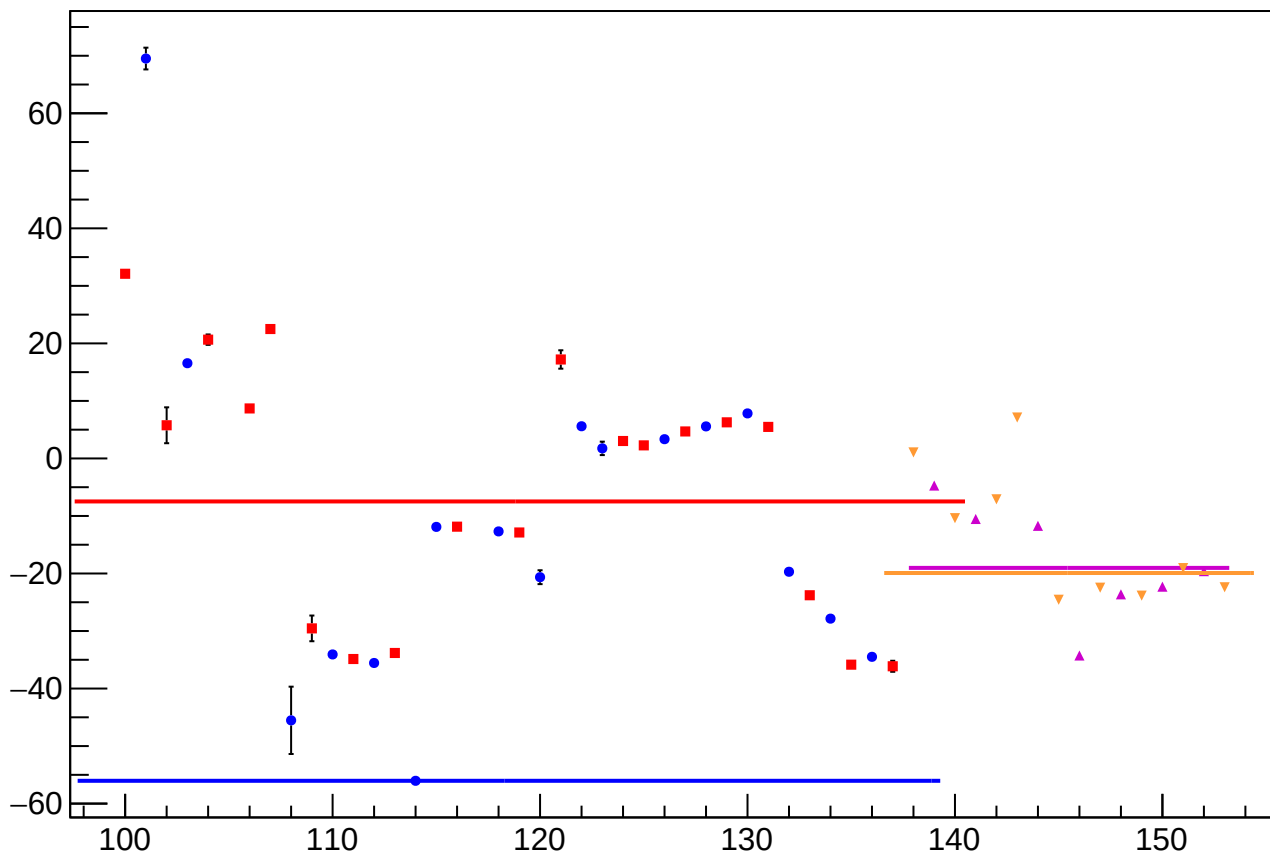
Right: -195.625+/-0.000 χ^2/NDF : 13622303625661

In: -212.190+/-0.000 χ^2/NDF : 4683660.2/23

Out: -188.033+/-0.000 χ^2/NDF : 13207170.2/27

All: -195.625+/-0.000 χ^2/NDF : 13622303625

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1585420.7/16$

Left Out: -19.915 ± 0.035 $\chi^2/\text{NDF}: 43884.5/8$

Right Out: -7.476 ± 0.042 $\chi^2/\text{NDF}: 173893.8/18$

Left In: -19.025 ± 0.039 $\chi^2/\text{NDF}: 24919.8/6$

Left: -19.523 ± 0.026 $\chi^2/\text{NDF}: 69095.2/15$

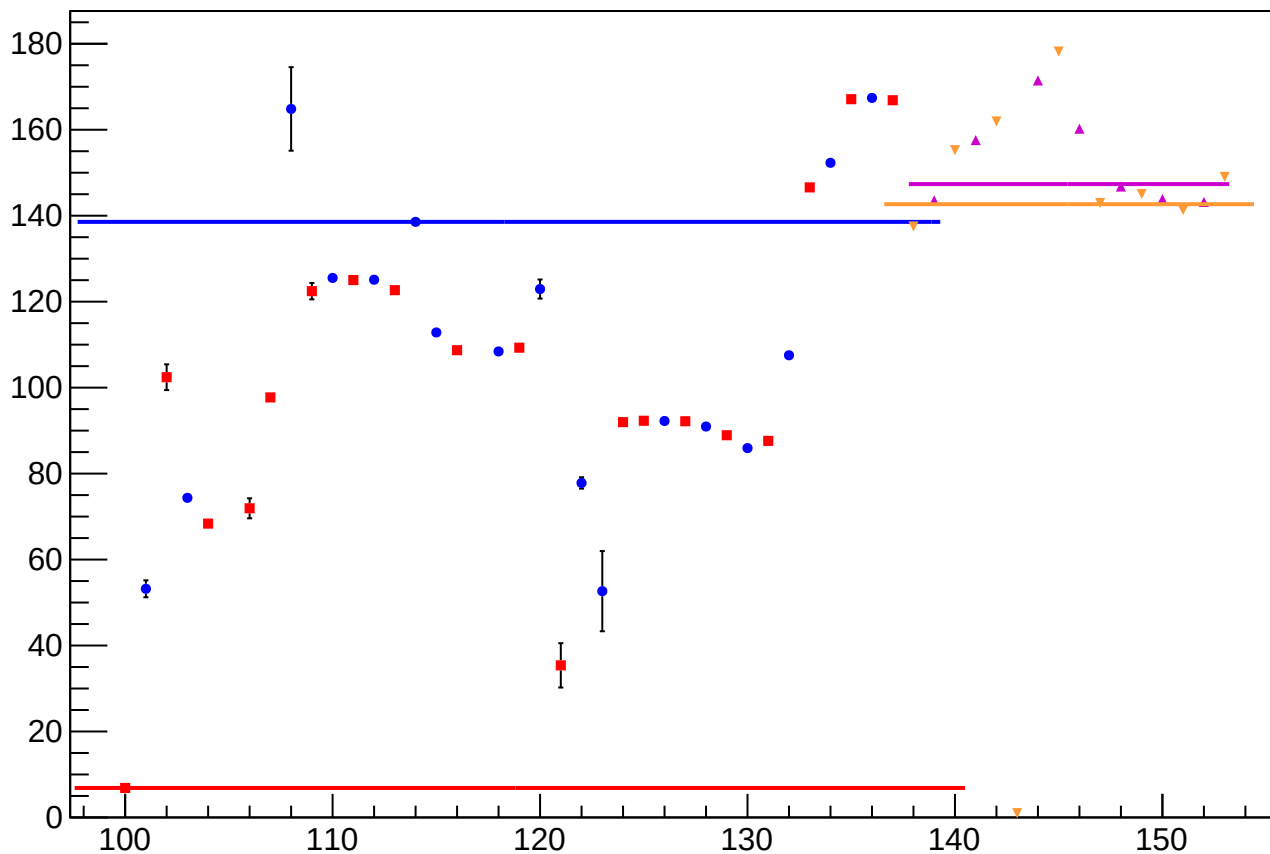
Right: -56.037 ± 0.000 $\chi^2/\text{NDF}: 3084882.3/35$

In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 2510762.6/23$

Out: -14.905 ± 0.027 $\chi^2/\text{NDF}: 269721.9/27$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 5141801.0/51$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 142.678 $\pm$ 0.040 χ^2 /NDF:307962.5/8

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

Left In: 147.355 $\pm$ 0.047 χ^2 /NDF:17987.1/6

Left: 144.657 $\pm$ 0.031 χ^2 /NDF: 331626.5/15

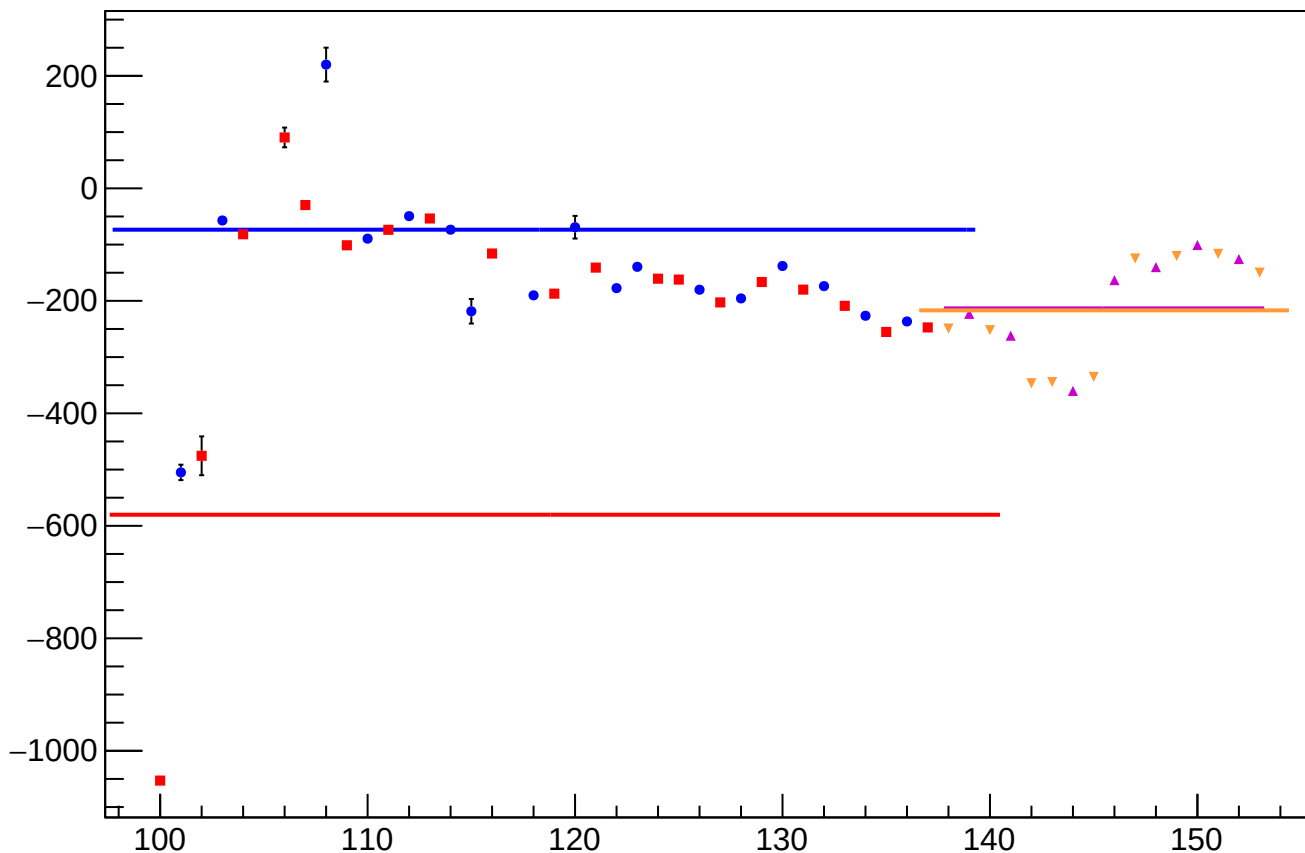
Right: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

In: 138.565 $\pm$ 0.000 χ^2 /NDF:953915.3/23

Out: 6.866 $\pm$ 0.000 χ^2 /NDF:19667975.3/27

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -216.926 ± 0.376 $\chi^2/\text{NDF}: 49898.4/8$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

Left In: -213.430 ± 0.413 $\chi^2/\text{NDF}: 45174.9/6$

Left: -215.343 ± 0.278 $\chi^2/\text{NDF}: 95112.4/15$

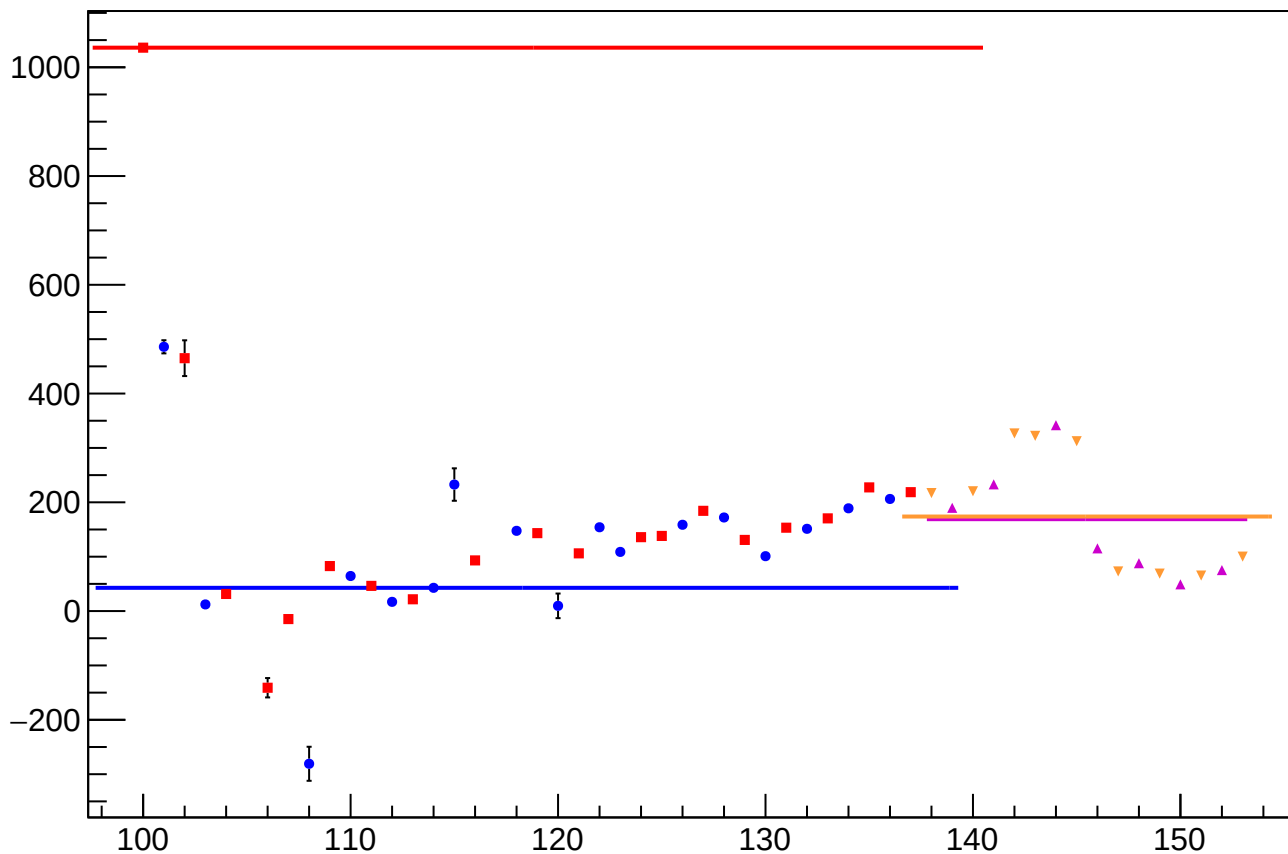
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 258502.4/23$

Out: -462.166 ± 0.214 $\chi^2/\text{NDF}: 3711676.0/27$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7257307.1/51$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 173.841+/-0.384 χ^2/NDF : 62084.5/8

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

Left In: 168.981+/-0.426 χ^2/NDF : 53340.4/6

Left: 171.661+/-0.285 χ^2/NDF : 115496.8/15

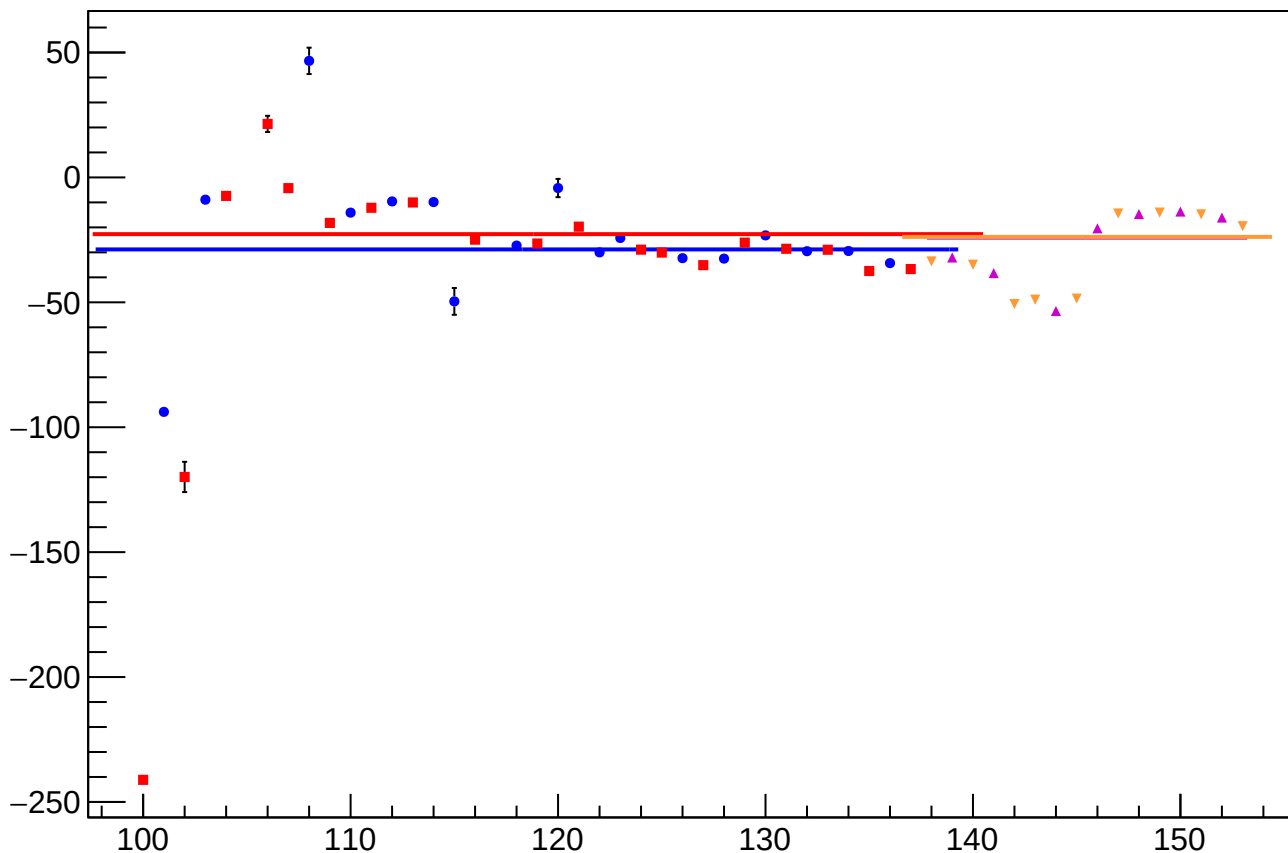
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF : 225875.3/23

Out: 1036.068+/-0.000 χ^2/NDF : 10038609.7/27

All: 43.272+/-0.000 χ^2/NDF : 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -23.813 ± 0.020 $\chi^2/\text{NDF}: 296309.6/8$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -24.099 ± 0.028 $\chi^2/\text{NDF}: 157331.0/6$

Left: -23.908 ± 0.016 $\chi^2/\text{NDF}: 453708.3/15$

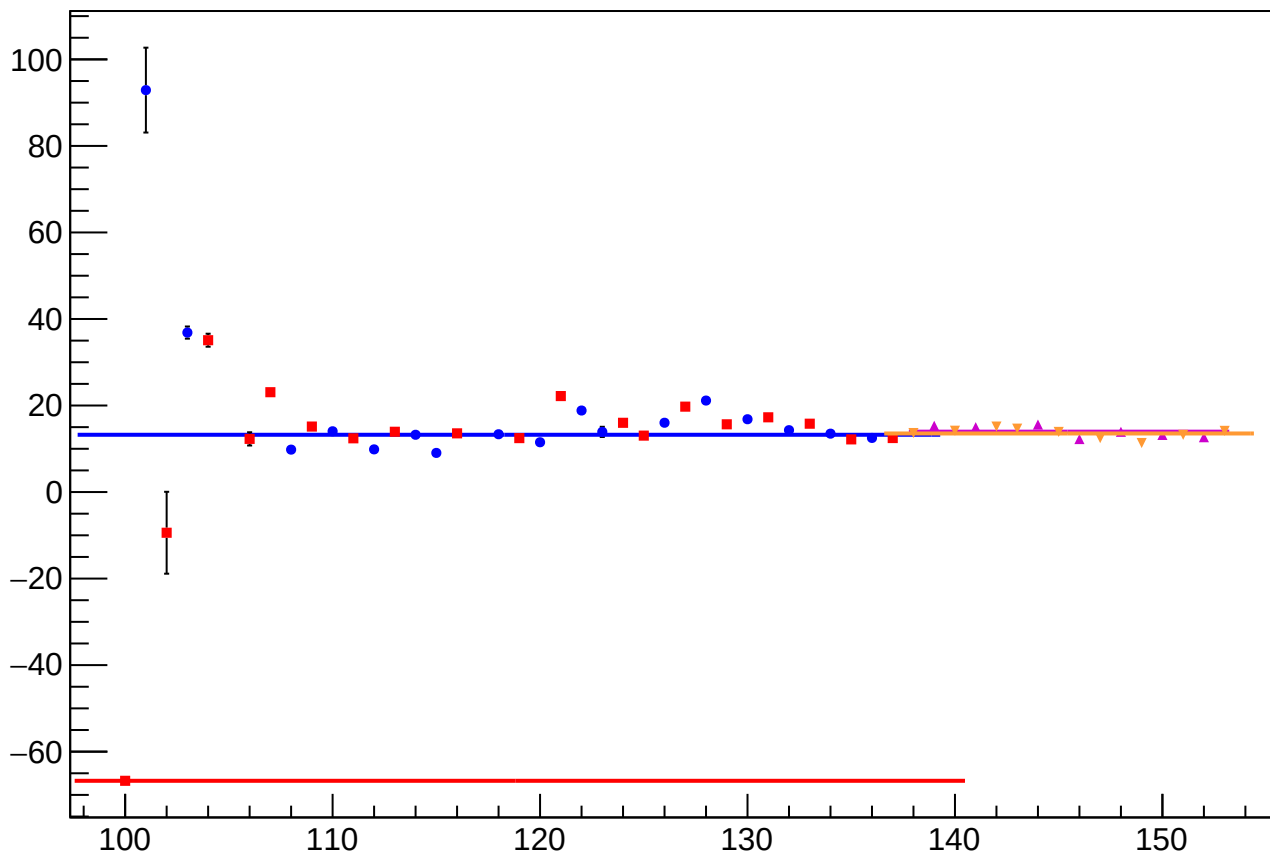
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -25.988 ± 0.022 $\chi^2/\text{NDF}: 217926.9/23$

Out: -23.573 ± 0.018 $\chi^2/\text{NDF}: 707145.5/27$

All: -24.526 ± 0.014 $\chi^2/\text{NDF}: 932388.9/51$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.536+/-0.021 χ^2 /NDF:2530.8/8

Right Out: -66.739+/-0.000 χ^2 /NDF: 3023648.4/18

Left In: 13.957+/-0.024 χ^2 /NDF:2639.9/6

Left: 13.726+/-0.016 χ^2 /NDF: 5345.7/15

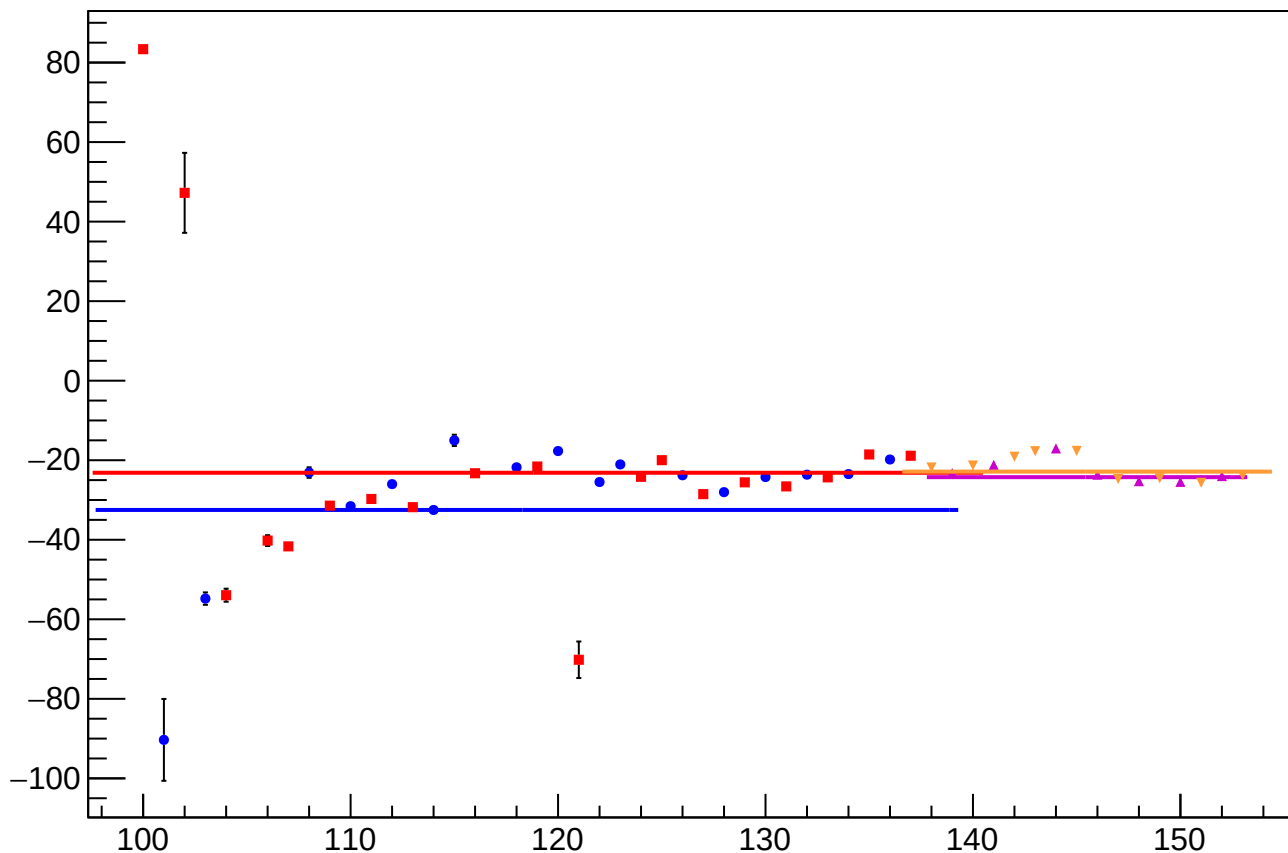
Right: 12.562+/-0.000 χ^2 /NDF: 1884310027651005

In: 13.238+/-0.000 χ^2 /NDF:9327.6/23

Out: -66.739+/-0.000 χ^2 /NDF:17186821.1/27

All: 12.562+/-0.000 χ^2 /NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -22.867 ± 0.026 χ^2/NDF : 11016.7/8

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

Left In: -24.258 ± 0.027 χ^2/NDF : 5262.5/6

Left: -23.532 ± 0.019 χ^2/NDF : 17660.0/15

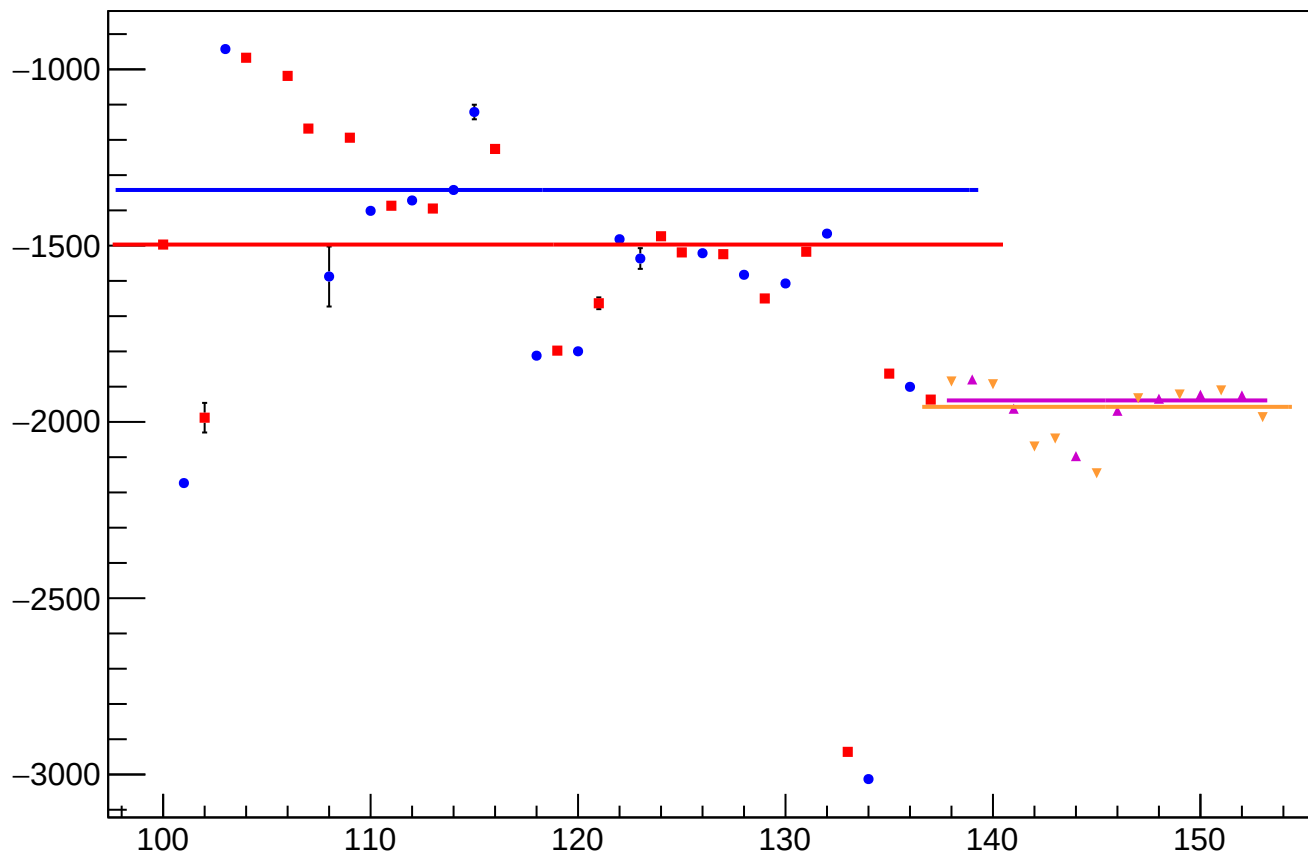
Right: -32.504 ± 0.000 χ^2/NDF : 203519.3/35

In: -32.504 ± 0.000 χ^2/NDF : 172369.9/23

Out: -22.932 ± 0.023 χ^2/NDF : 101793.5/27

All: -32.504 ± 0.000 χ^2/NDF : 451448.2/51

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1957.258+/-0.566 χ^2/NDF :14064.1/8

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

Left In: -1939.017+/-0.439 χ^2/NDF :13656.7/6

Left: -1945.871+/-0.347 χ^2/NDF : 28370.2/15

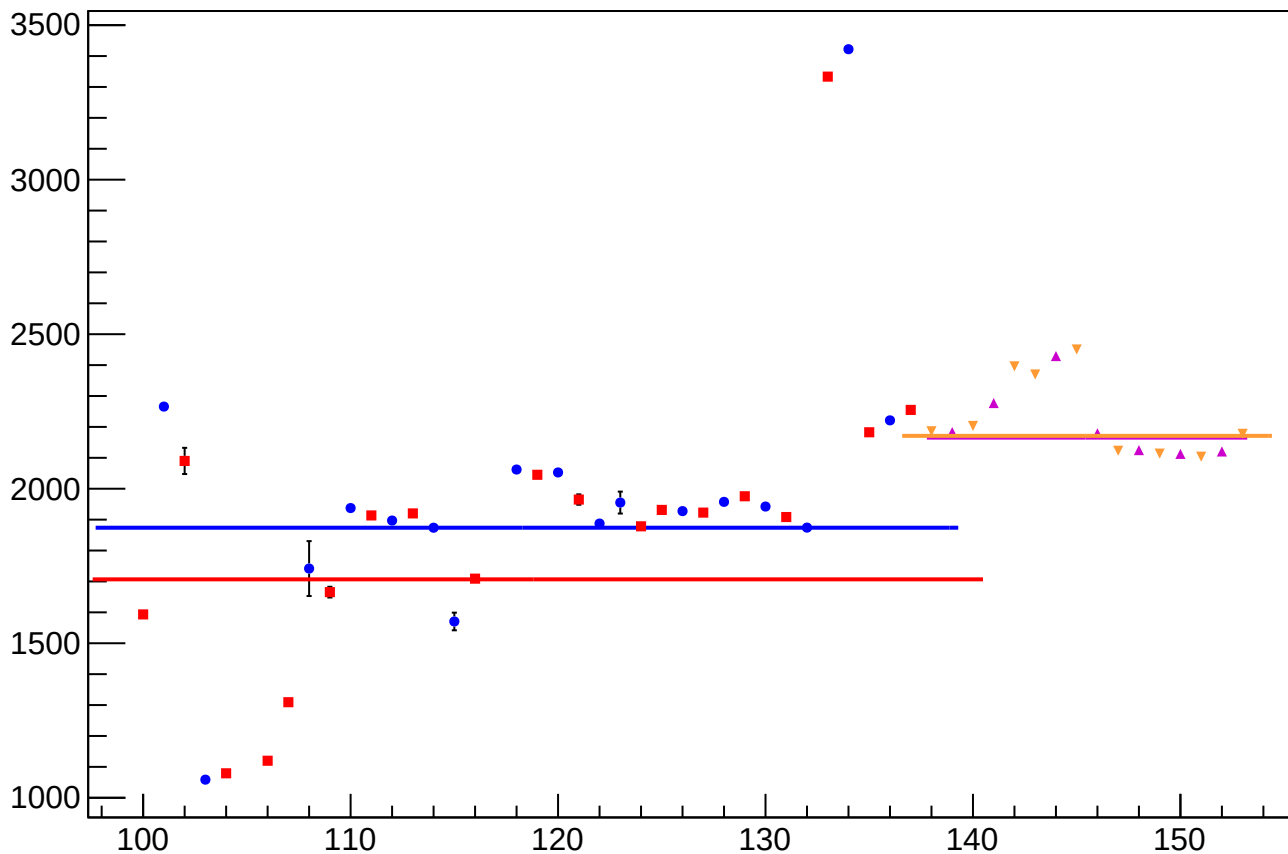
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF :2235361.5/23

Out: -1496.932+/-0.000 χ^2/NDF :1181310.5/27

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 ± 0.000 χ^2/NDF : 201563.9/16

Left Out: 2171.097 ± 0.571 χ^2/NDF : 27008.3/8

Right Out: 1706.739 ± 0.302 χ^2/NDF : 837936.9/18

Left In: 2165.368 ± 0.443 χ^2/NDF : 35269.3/6

Left: 2167.518 ± 0.350 χ^2/NDF : 62340.5/15

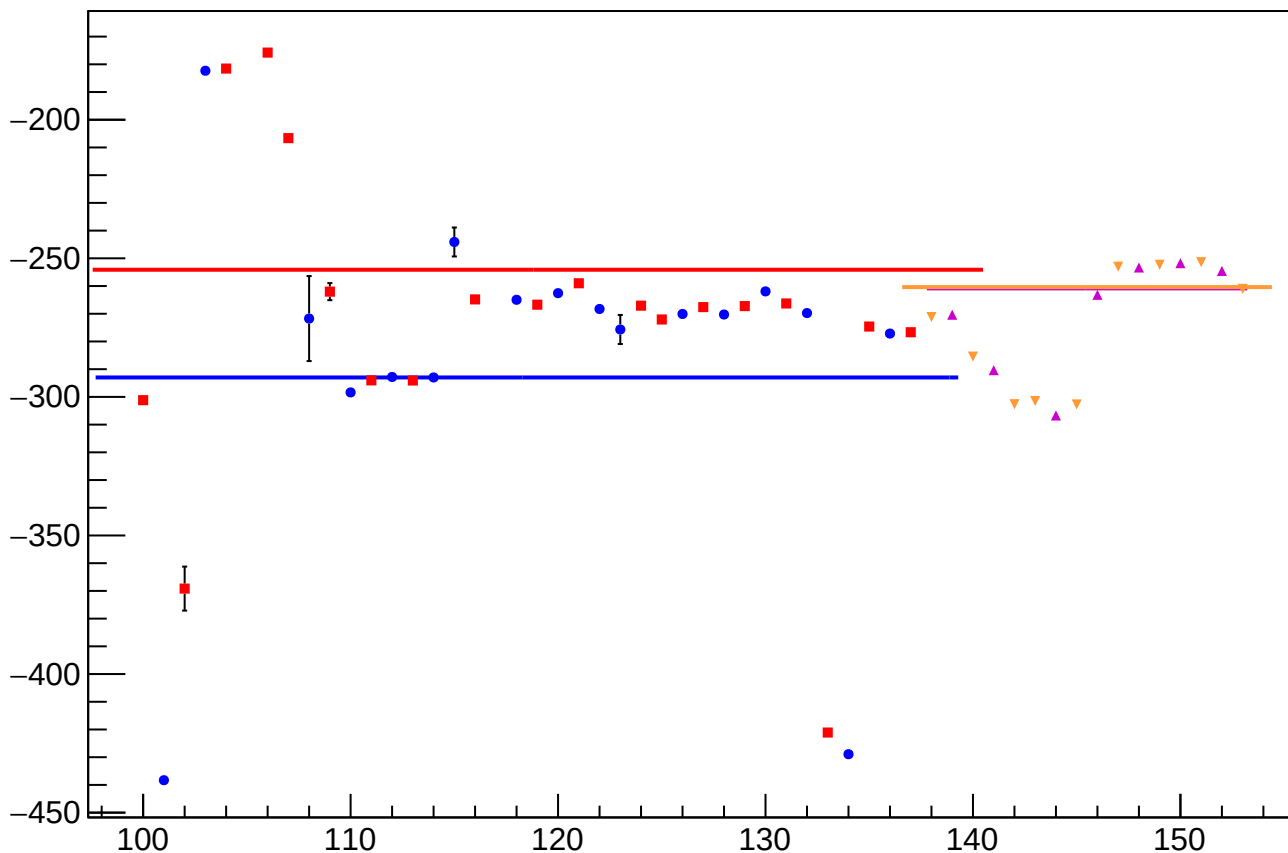
Right: 1873.852 ± 0.000 χ^2/NDF : 1344906.8/35

In: 1873.852 ± 0.000 χ^2/NDF : 670428.0/23

Out: 1808.401 ± 0.267 χ^2/NDF : 1381205.9/27

All: 1873.852 ± 0.000 χ^2/NDF : 2111612.9/51

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -260.384 ± 0.032 $\chi^2/\text{NDF}: 189420.6/8$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

Left In: -260.854 ± 0.031 $\chi^2/\text{NDF}: 229383.3/6$

Left: -260.620 ± 0.022 $\chi^2/\text{NDF}: 418915.5/15$

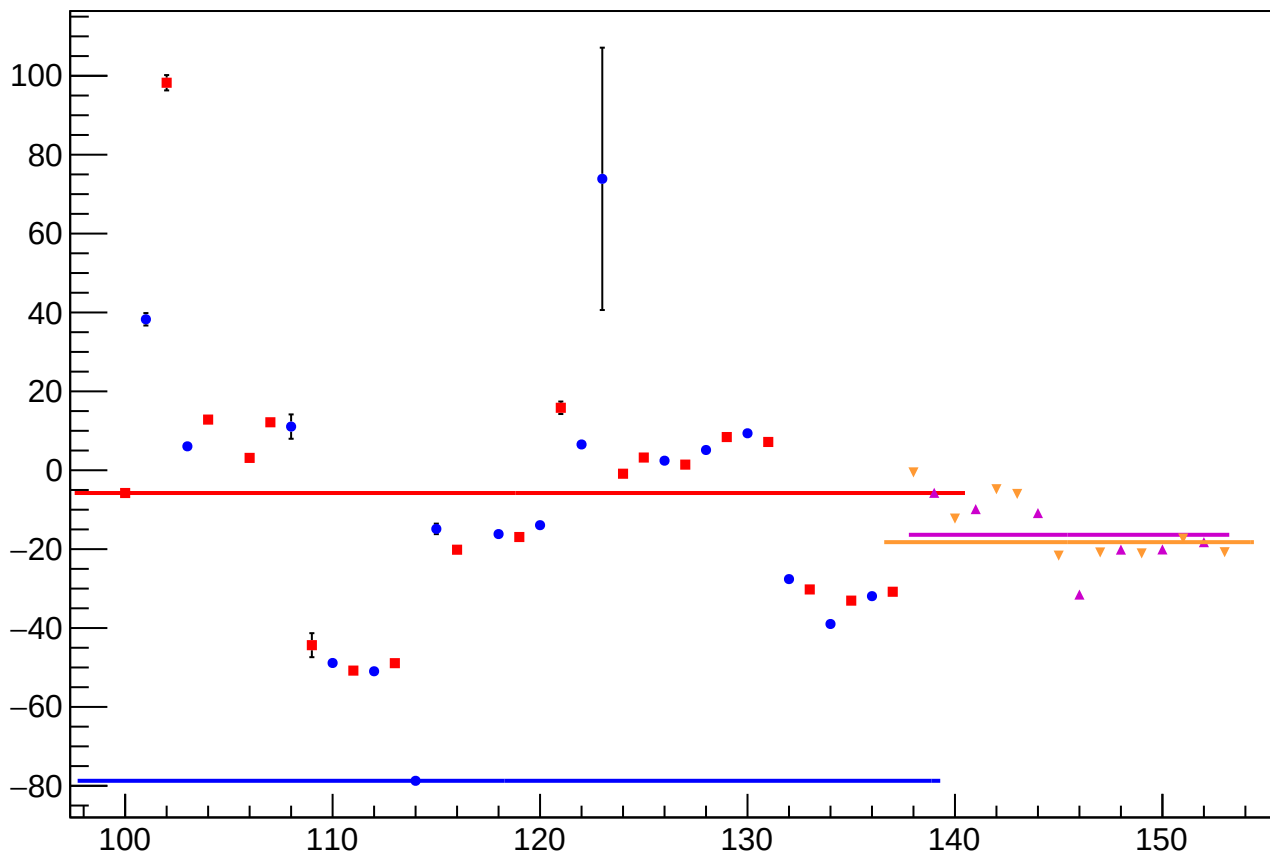
Right: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1952225.7/35$

In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 2295076.0/23$

Out: -258.992 ± 0.028 $\chi^2/\text{NDF}: 700850.1/27$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 4490008.7/51$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -18.226+/-0.034 χ^2/NDF :19338.3/8

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

Left In: -16.364+/-0.035 χ^2/NDF :25829.2/6

Left: -17.302+/-0.024 χ^2/NDF : 46625.3/15

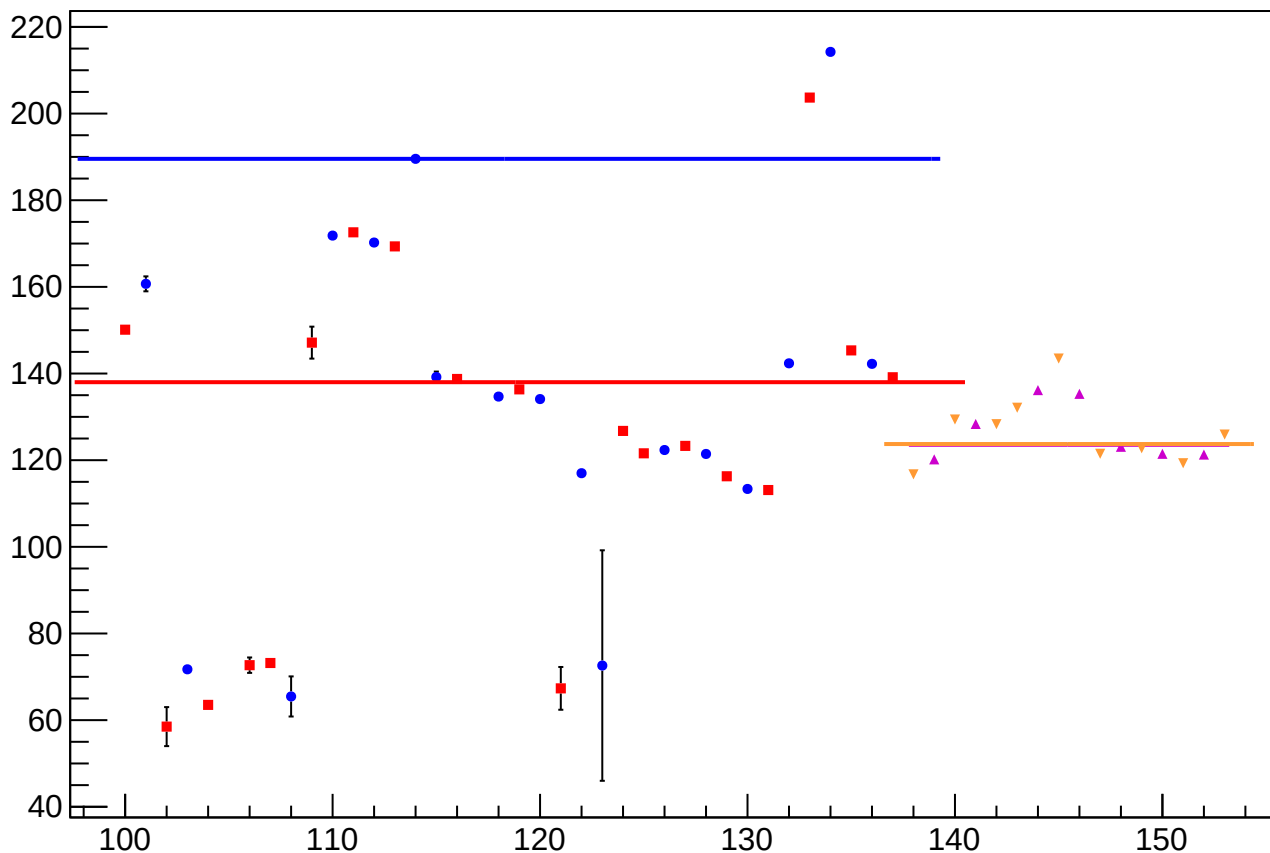
Right: -6.288+/-0.000 χ^2/NDF : 2878797679293380

In: -78.728+/-0.000 χ^2/NDF :4669182.1/23

Out: -5.769+/-0.000 χ^2/NDF :262347.5/27

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 χ^2/NDF : 927391.8/16

Left Out: 123.726 ± 0.038 χ^2/NDF : 10196.3/8

Right Out: 138.002 ± 0.059 χ^2/NDF : 117357.8/18

Left In: 123.547 ± 0.040 χ^2/NDF : 9141.5/6

Left: 123.642 ± 0.028 χ^2/NDF : 19348.3/15

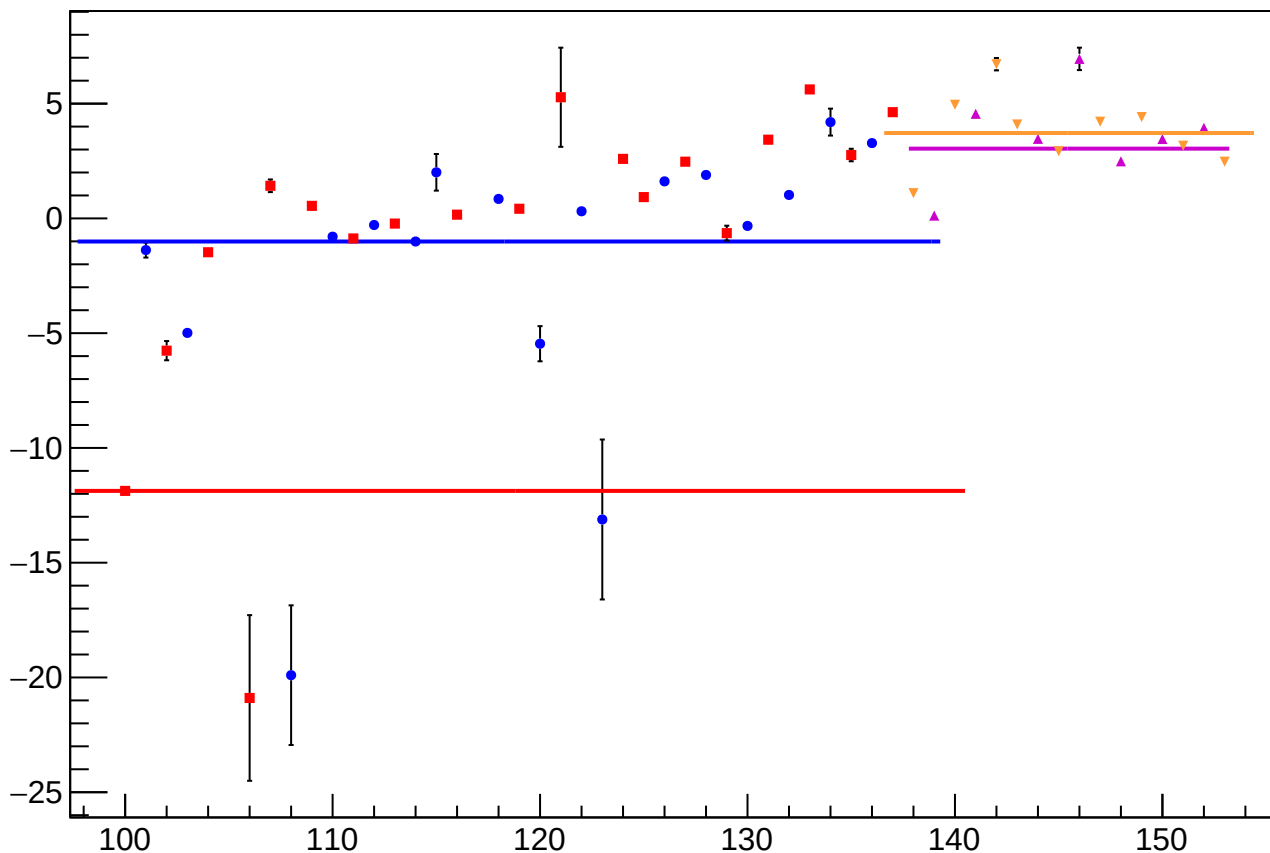
Right: 189.551 ± 0.000 χ^2/NDF : 1806450.5/35

In: 189.551 ± 0.000 χ^2/NDF : 3610948.5/23

Out: 127.886 ± 0.032 χ^2/NDF : 168947.8/27

All: 189.551 ± 0.000 χ^2/NDF : 7520519.9/51

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.720 ± 0.036 χ^2/NDF : 764.5/8

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

Left In: 3.039 ± 0.027 χ^2/NDF : 2644.5/6

Left: 3.278 ± 0.021 χ^2/NDF : 3640.4/15

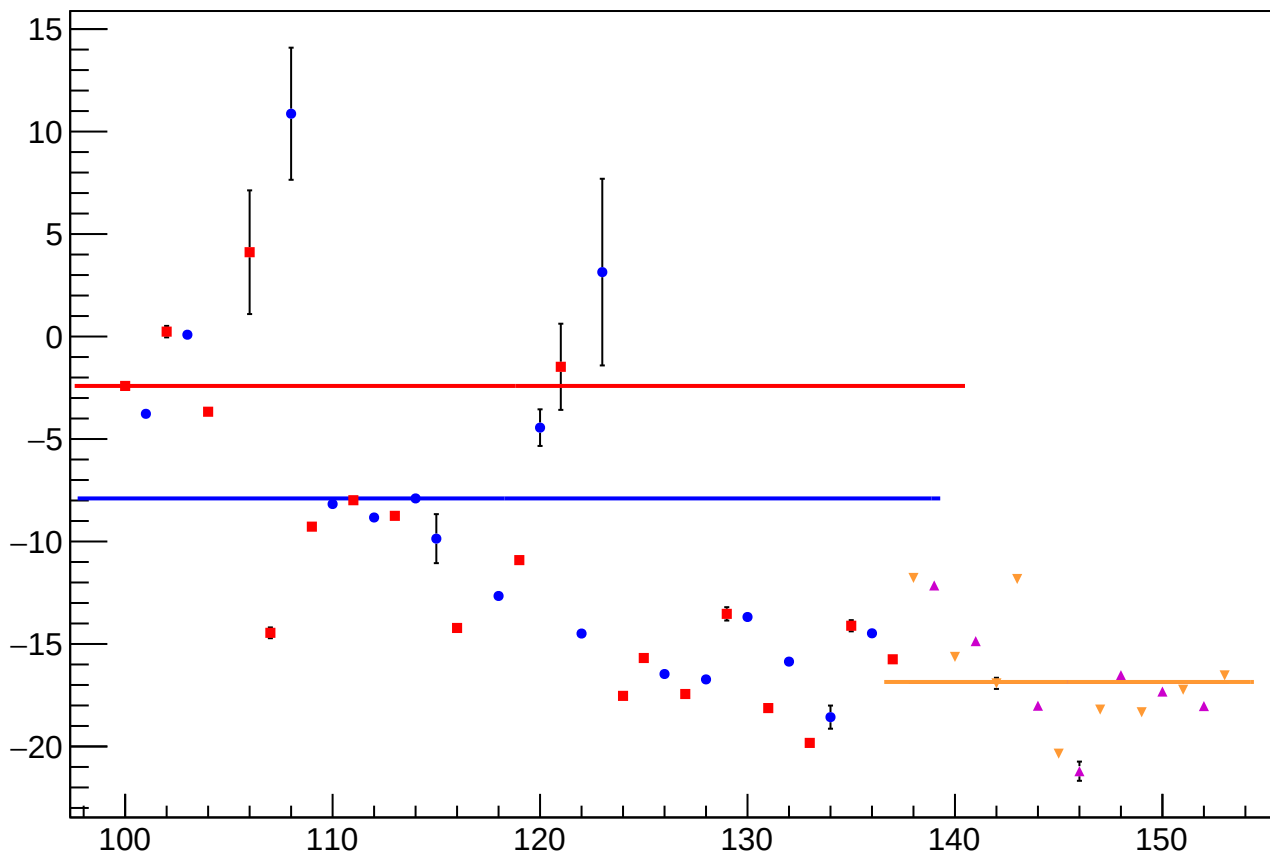
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 32928.3/23

Out: -11.872 ± 0.000 χ^2/NDF : 691397.6/27

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.853 ± 0.035 χ^2/NDF : 3843.8/8

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

Left In: -16.855 ± 0.029 χ^2/NDF : 2656.4/6

Left: -16.854 ± 0.023 χ^2/NDF : 6500.1/15

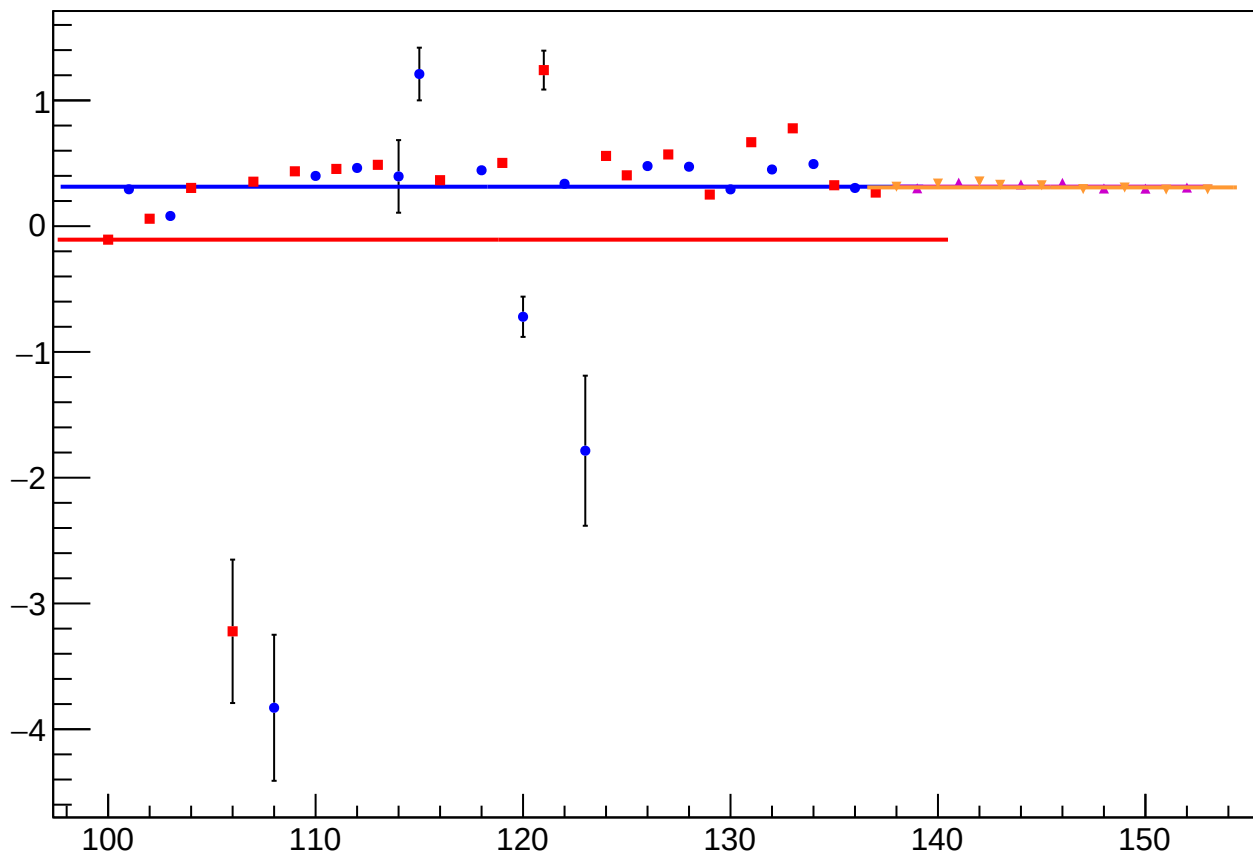
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 135686.1/23

Out: -2.410 ± 0.000 χ^2/NDF : 372602.9/27

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.308 ± 0.000 χ^2/NDF : 1785.0/8

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

Left In: 0.314 ± 0.000 χ^2/NDF : 1438.7/6

Left: 0.311 ± 0.000 χ^2/NDF : 3328.4/15

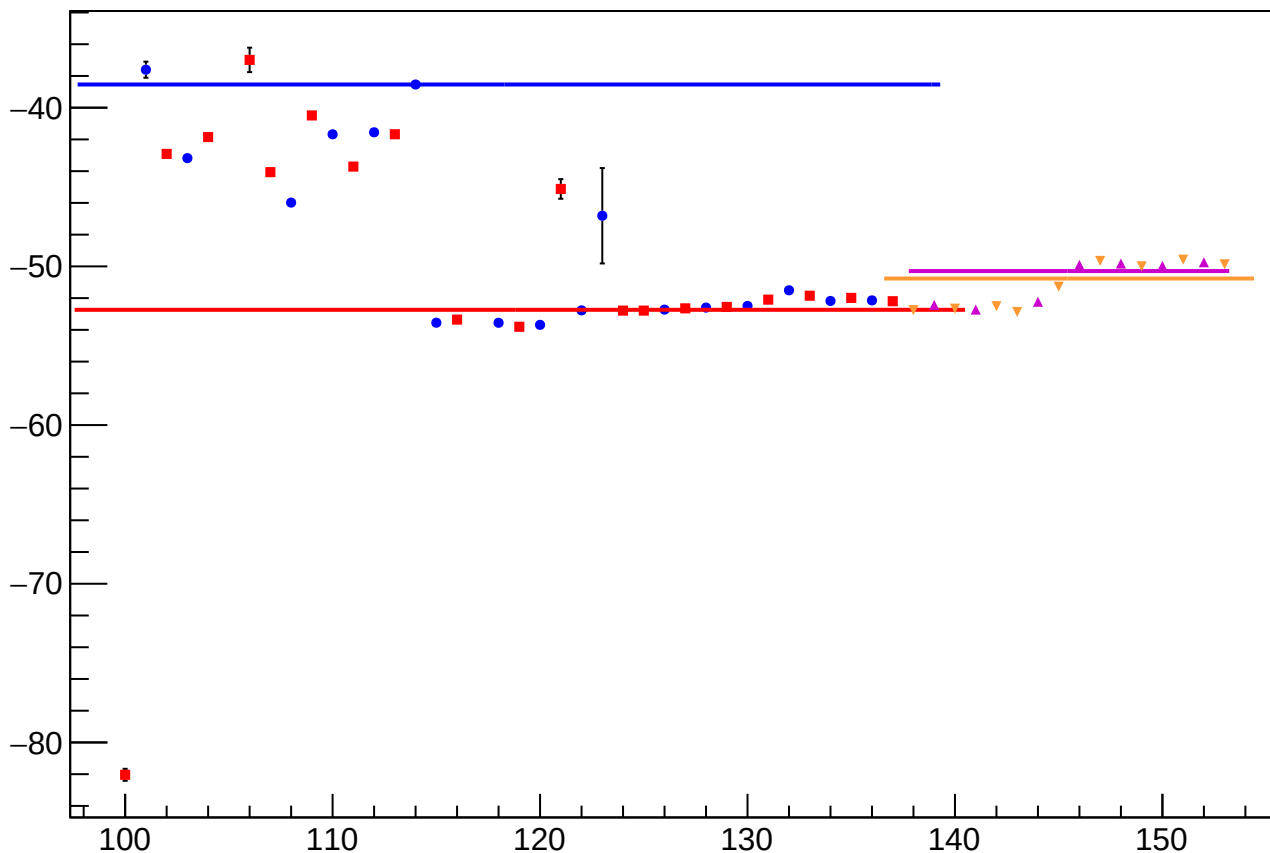
Right: -0.107 ± 0.000 χ^2/NDF : 409026.8/35

In: 0.314 ± 0.000 χ^2/NDF : 4187.2/23

Out: -0.107 ± 0.000 χ^2/NDF : 1175711.7/27

All: -0.107 ± 0.000 χ^2/NDF : 2316828.3/51

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -50.765 $\pm$ 0.003 χ^2 /NDF: 211033.8/8

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

Left In: -50.294 $\pm$ 0.002 χ^2 /NDF: 145477.8/6

Left: -50.484 $\pm$ 0.002 χ^2 /NDF: 371283.4/15

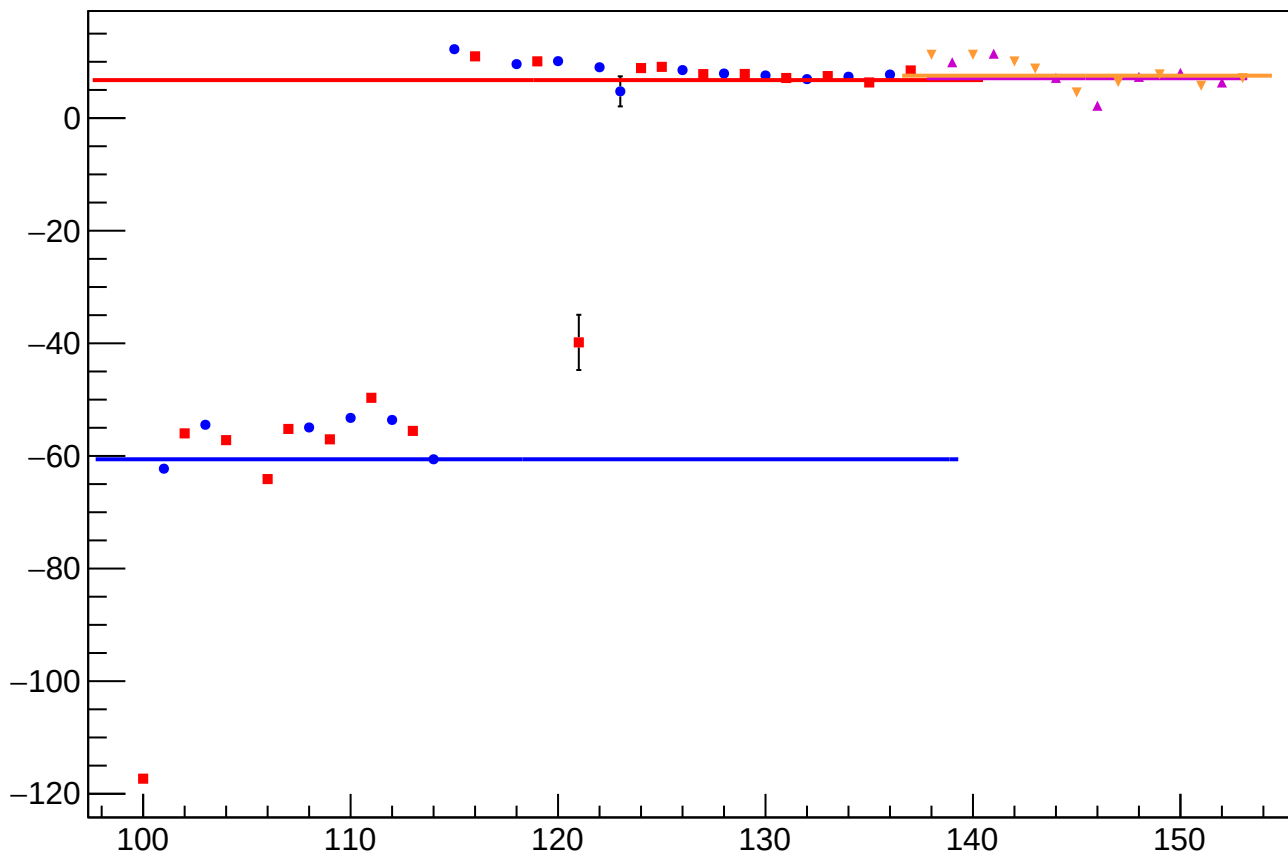
Right: -38.539 $\pm$ 0.000 χ^2 /NDF: 72100834.2/35

In: -38.539 $\pm$ 0.000 χ^2 /NDF: 37876872.7/23

Out: -52.179 $\pm$ 0.002 χ^2 /NDF: 609953.3/27

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 111940341.7/5

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 26122838.1/16$

Left Out: 7.536 ± 0.007 $\chi^2/\text{NDF}: 65194.1/8$

Right Out: 6.748 ± 0.011 $\chi^2/\text{NDF}: 1266598.3/18$

Left In: 7.079 ± 0.006 $\chi^2/\text{NDF}: 101615.9/6$

Left: 7.290 ± 0.005 $\chi^2/\text{NDF}: 169363.2/15$

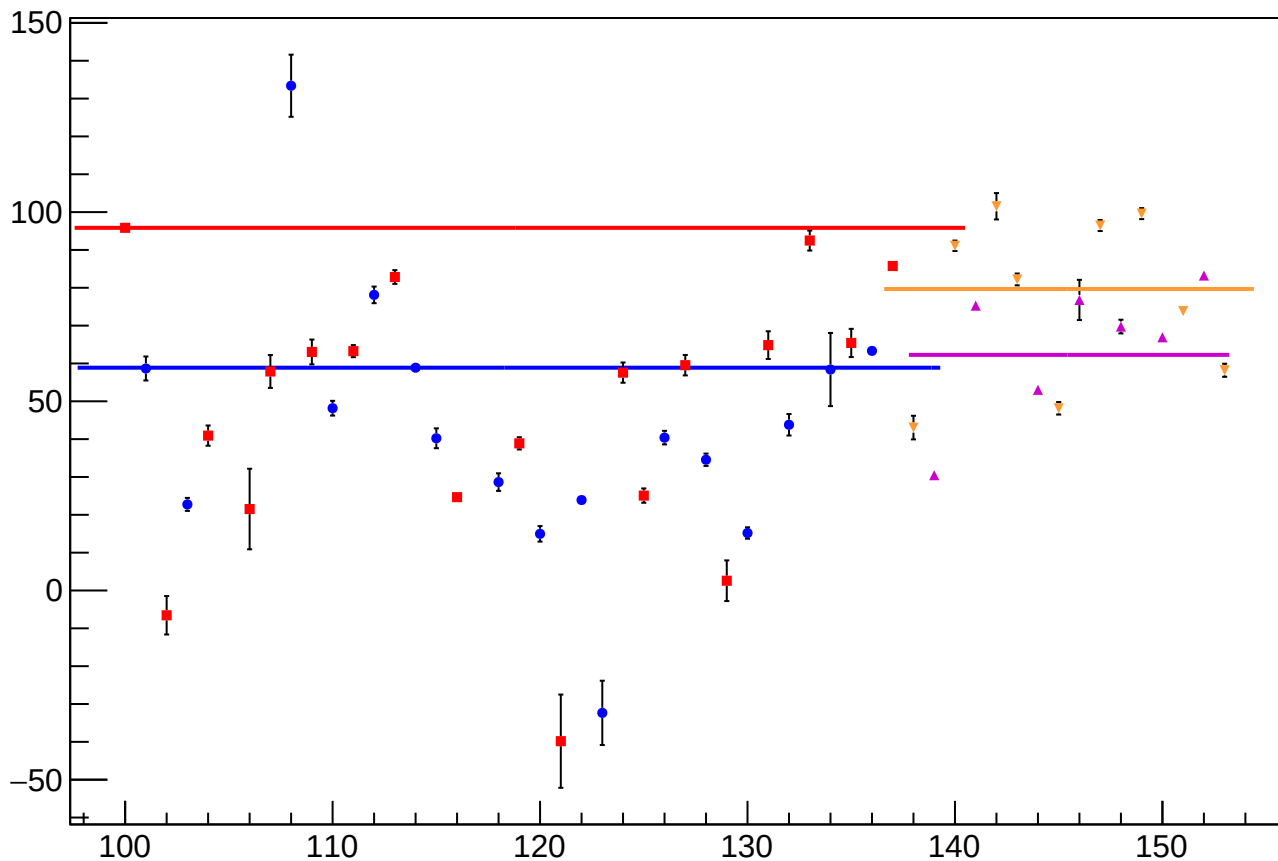
Right: -60.594 ± 0.000 $\chi^2/\text{NDF}: 64778482.9/35$

In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 147539854.7/23$

Out: 7.326 ± 0.006 $\chi^2/\text{NDF}: 1335542.5/27$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 291966316.6/5$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 ± 0.000 χ^2/NDF : 3814.7/16

Left Out: 79.683 ± 0.542 χ^2/NDF : 1107.8/8

Right Out: 95.846 ± 0.000 χ^2/NDF : 39385.0/18

Left In: 62.270 ± 0.404 χ^2/NDF : 1749.8/6

Left: 68.493 ± 0.324 χ^2/NDF : 3521.3/15

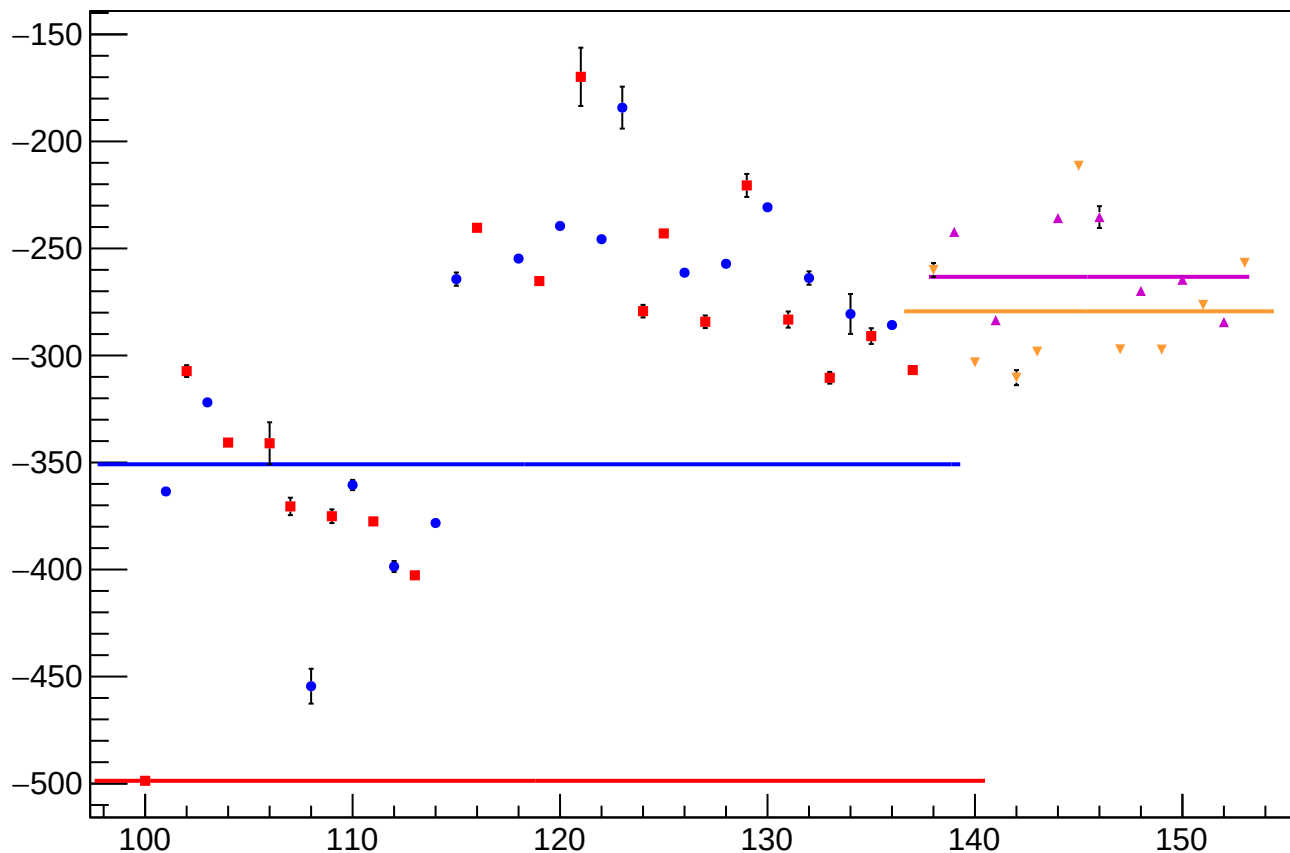
Right: 60.098 ± 0.000 χ^2/NDF : 9815233945666380

In: 58.880 ± 0.000 χ^2/NDF : 5634.8/23

Out: 95.846 ± 0.000 χ^2/NDF : 41382.6/27

All: 60.098 ± 0.000 χ^2/NDF : 9815233945666380

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -279.359 ± 0.531 $\chi^2/\text{NDF}: 2970.6/8$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

Left In: -263.267 ± 0.411 $\chi^2/\text{NDF}: 1734.6/6$

Left: -269.305 ± 0.325 $\chi^2/\text{NDF}: 5279.8/15$

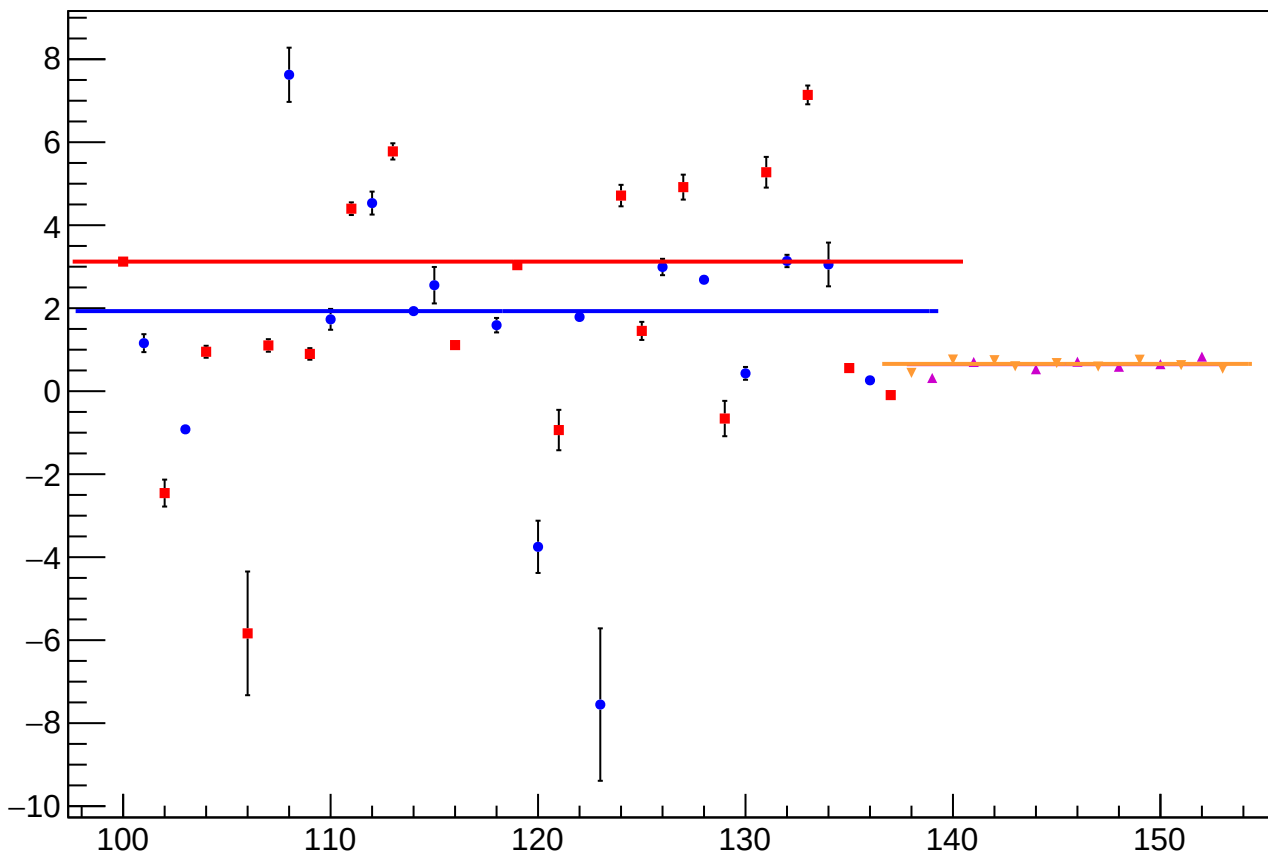
Right: -498.692 ± 0.000 $\chi^2/\text{NDF}: 918780.8/35$

In: -327.955 ± 0.210 $\chi^2/\text{NDF}: 76538.4/23$

Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 685728.4/27$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 1422191.5/51$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.658 ± 0.003 χ^2/NDF : 658.9/8

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

Left In: 0.651 ± 0.003 χ^2/NDF : 3003.4/6

Left: 0.654 ± 0.002 χ^2/NDF : 3664.5/15

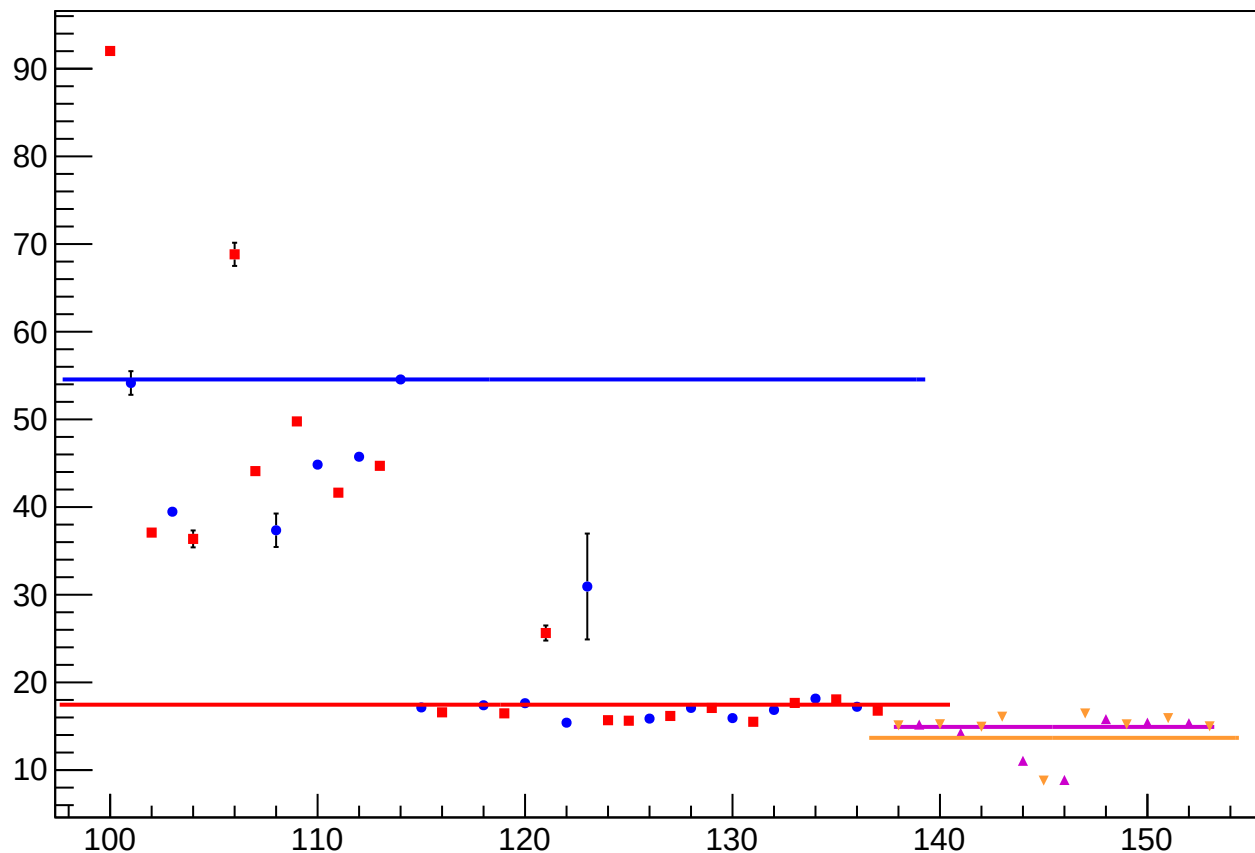
Right: 2.073 ± 0.000 χ^2/NDF : 38099534578085305

In: 1.930 ± 0.000 χ^2/NDF : 253937.4/23

Out: 3.123 ± 0.000 χ^2/NDF : 1031478.7/27

All: 2.073 ± 0.000 χ^2/NDF : 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.676+/-0.011 χ^2/NDF : 72143.4/8

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

Left In: 14.924+/-0.014 χ^2/NDF : 7552.8/6

Left: 14.150+/-0.009 χ^2/NDF : 84336.5/15

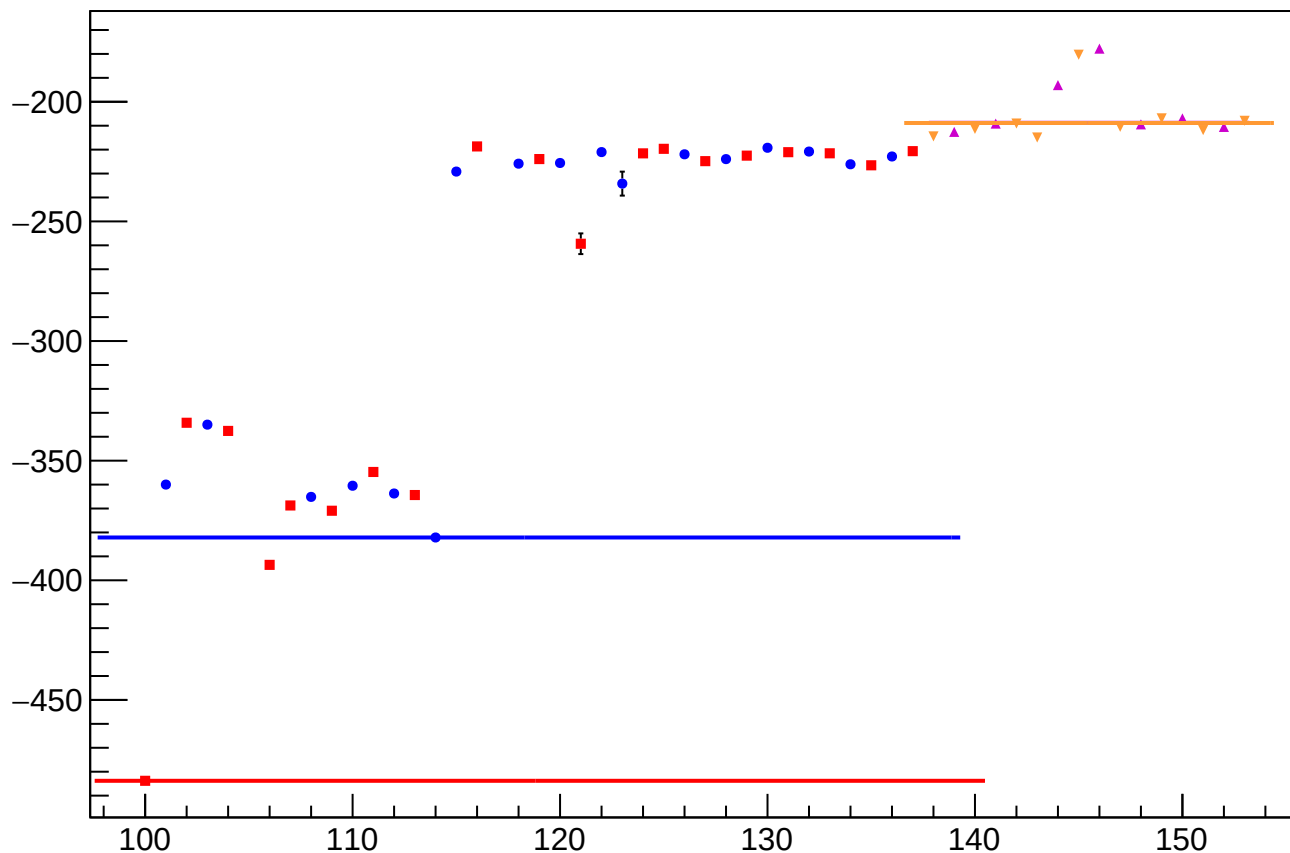
Right: 54.556+/-0.000 χ^2/NDF : 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF : 14798268.7/23

Out: 14.720+/-0.010 χ^2/NDF : 202431.6/27

All: 54.556+/-0.000 χ^2/NDF : 32206637.4/51

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.863+/-0.022 χ^2/NDF : 58709.2/8

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

Left In: -208.788+/-0.024 χ^2/NDF : 12797.8/6

Left: -208.830+/-0.016 χ^2/NDF : 71512.4/15

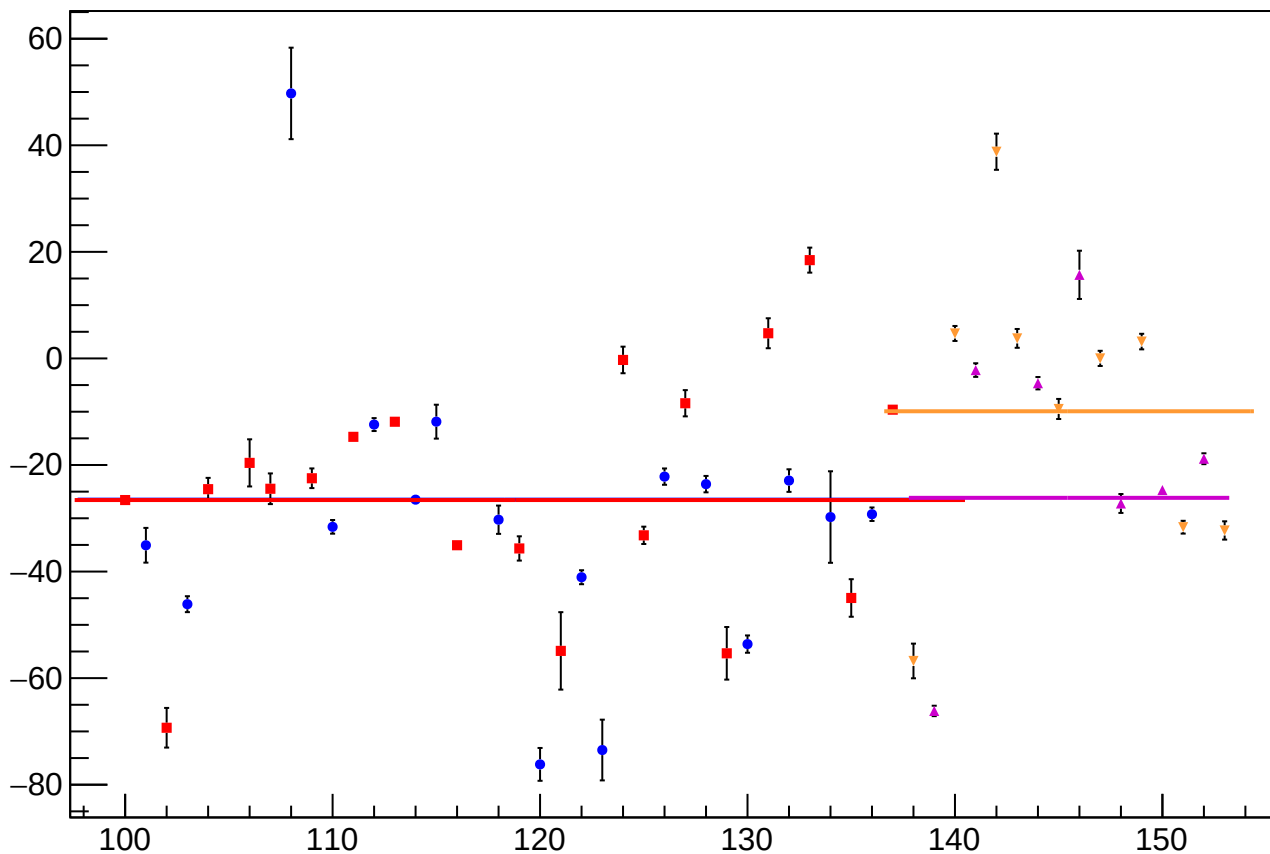
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 69023123.9/23

Out: -483.800+/-0.000 χ^2/NDF : 184094348.9/27

All: -417.999+/-0.000 χ^2/NDF : 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1180.7/16$

Left Out: -9.916 ± 0.552 $\chi^2/\text{NDF}: 1207.6/8$

Right Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 2640.9/18$

Left In: -26.163 ± 0.429 $\chi^2/\text{NDF}: 2508.3/6$

Left: -20.038 ± 0.339 $\chi^2/\text{NDF}: 4255.6/15$

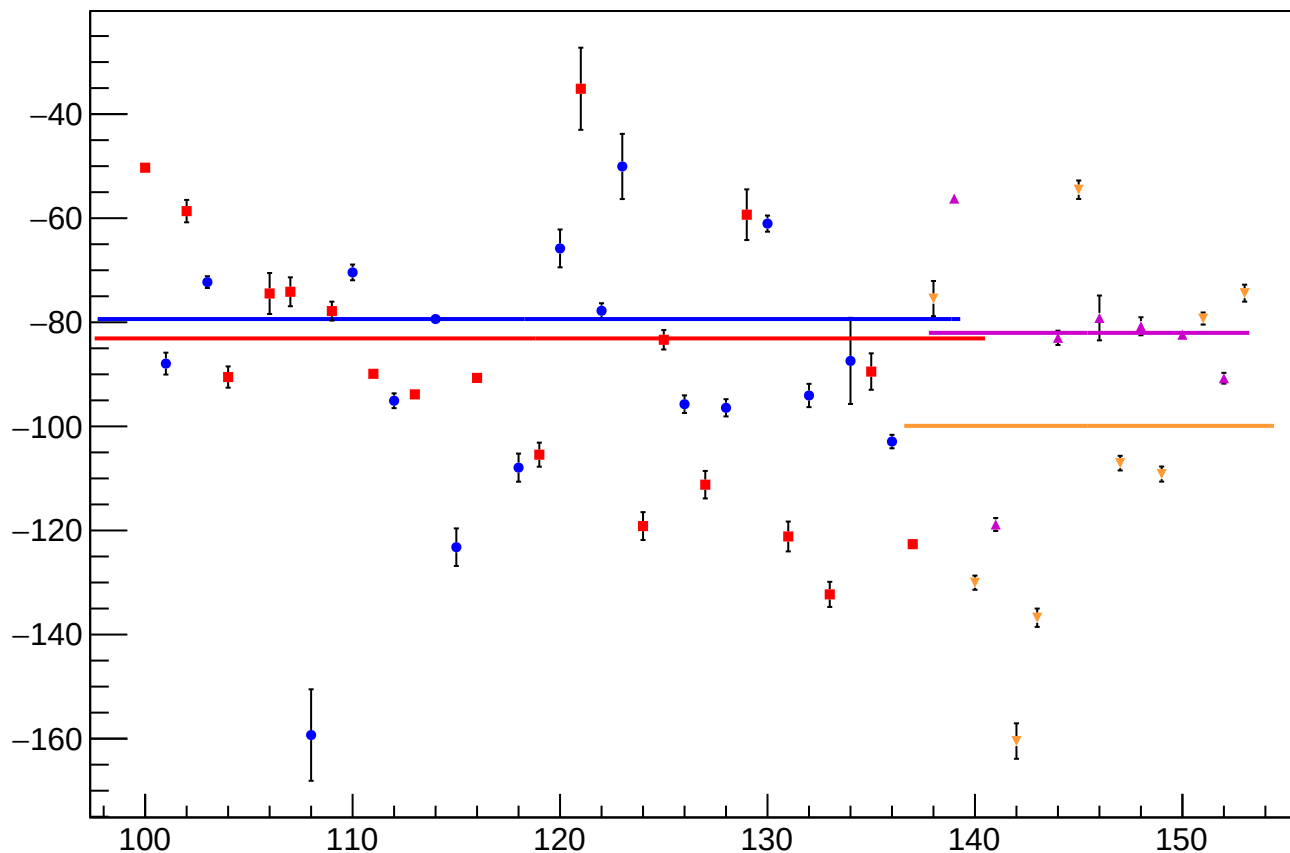
Right: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654659$

In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 3689.6/23$

Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 4759.6/27$

All: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -99.898 ± 0.538 $\chi^2/\text{NDF}: 2580.5/8$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

Left In: -82.031 ± 0.423 $\chi^2/\text{NDF}: 1777.0/6$

Left: -88.863 ± 0.333 $\chi^2/\text{NDF}: 5038.9/15$

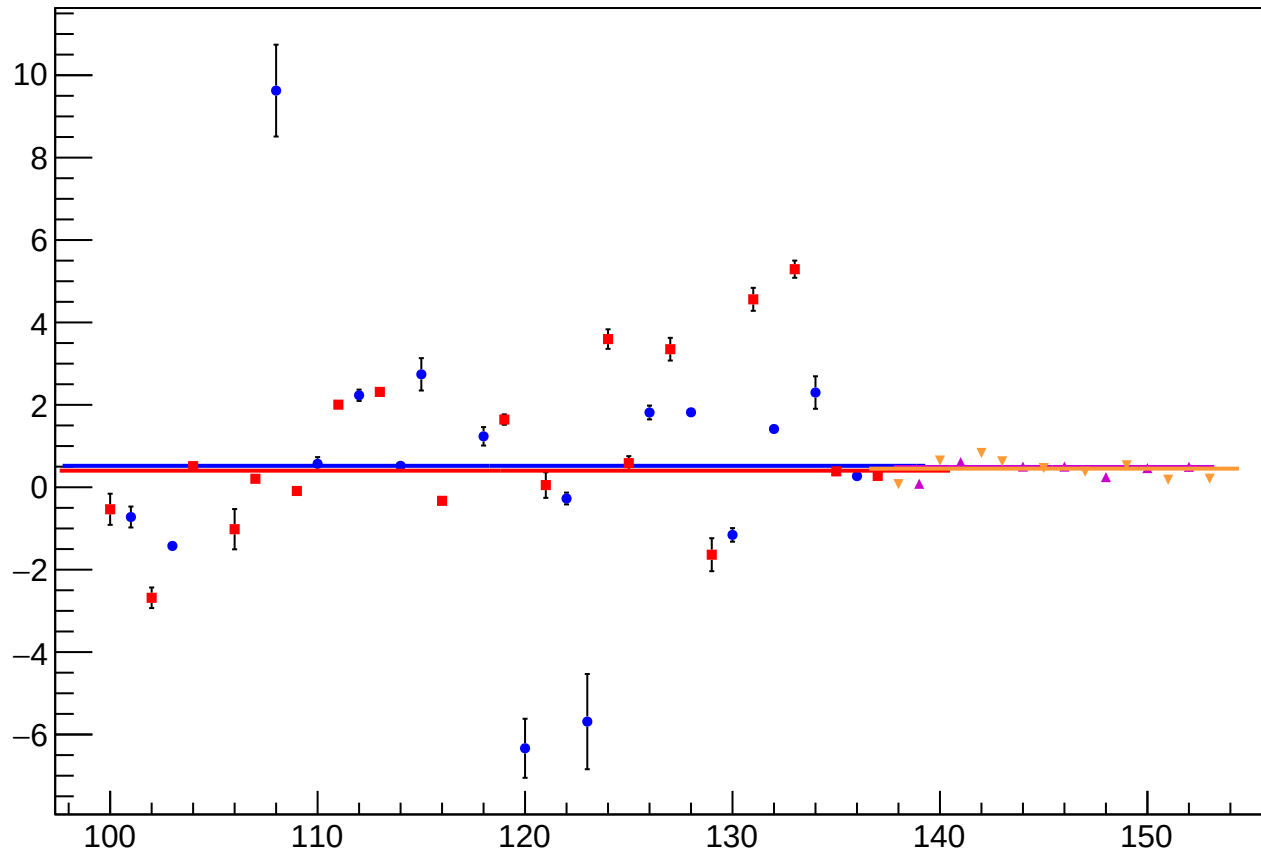
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 3121.0/23$

Out: -84.760 ± 0.169 $\chi^2/\text{NDF}: 15375.2/27$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 19509.3/51$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.452 ± 0.004 χ^2/NDF : 1974.9/8

Right Out: 0.403 ± 0.011 χ^2/NDF : 2727.5/18

Left In: 0.492 ± 0.003 χ^2/NDF : 2814.5/6

Left: 0.480 ± 0.002 χ^2/NDF : 4855.1/15

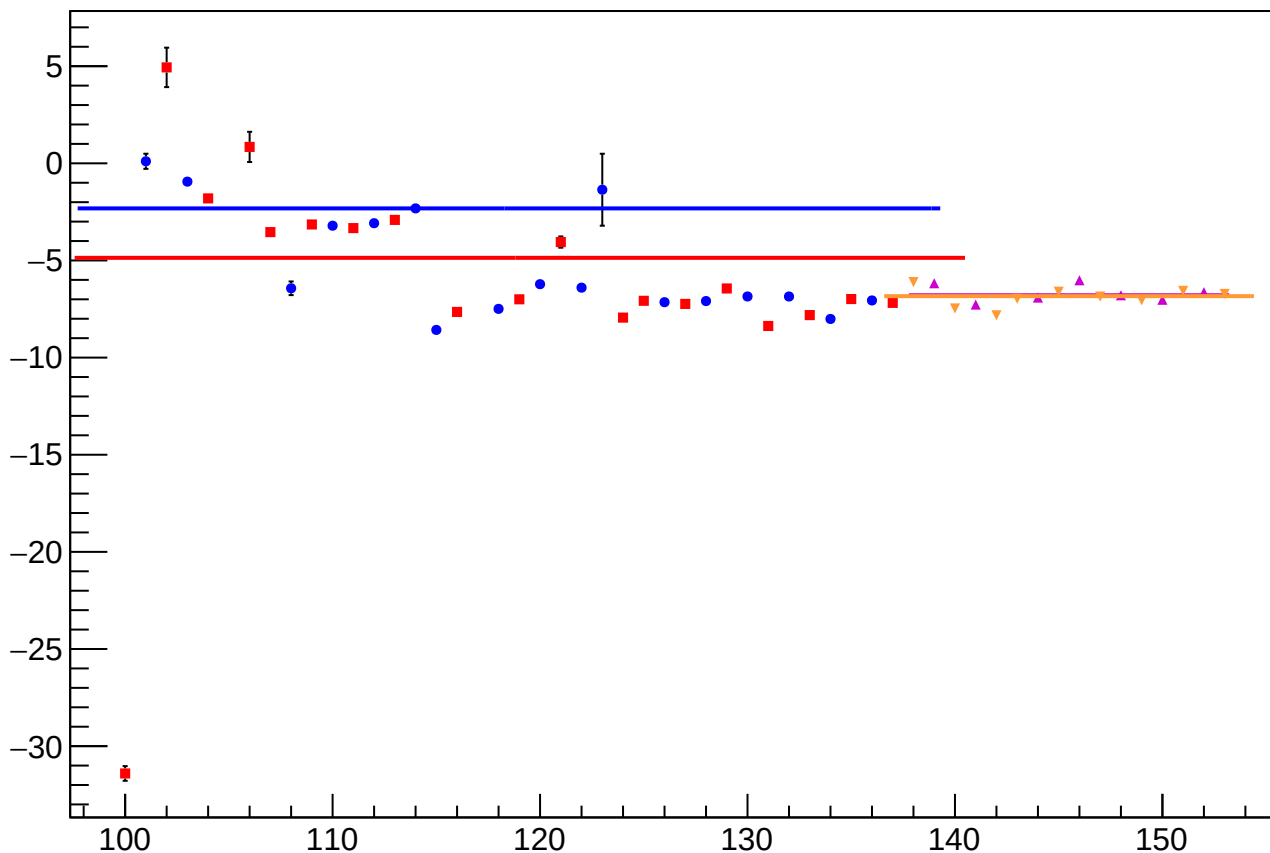
Right: 0.521 ± 0.000 χ^2/NDF : 6215.1/35

In: 0.521 ± 0.000 χ^2/NDF : 6288.3/23

Out: 0.446 ± 0.004 χ^2/NDF : 4720.0/27

All: 0.521 ± 0.000 χ^2/NDF : 11385.3/51

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.838+/-0.005 χ^2/NDF : 2268.2/8

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

Left In: -6.791+/-0.005 χ^2/NDF : 4342.2/6

Left: -6.815+/-0.004 χ^2/NDF : 6654.0/15

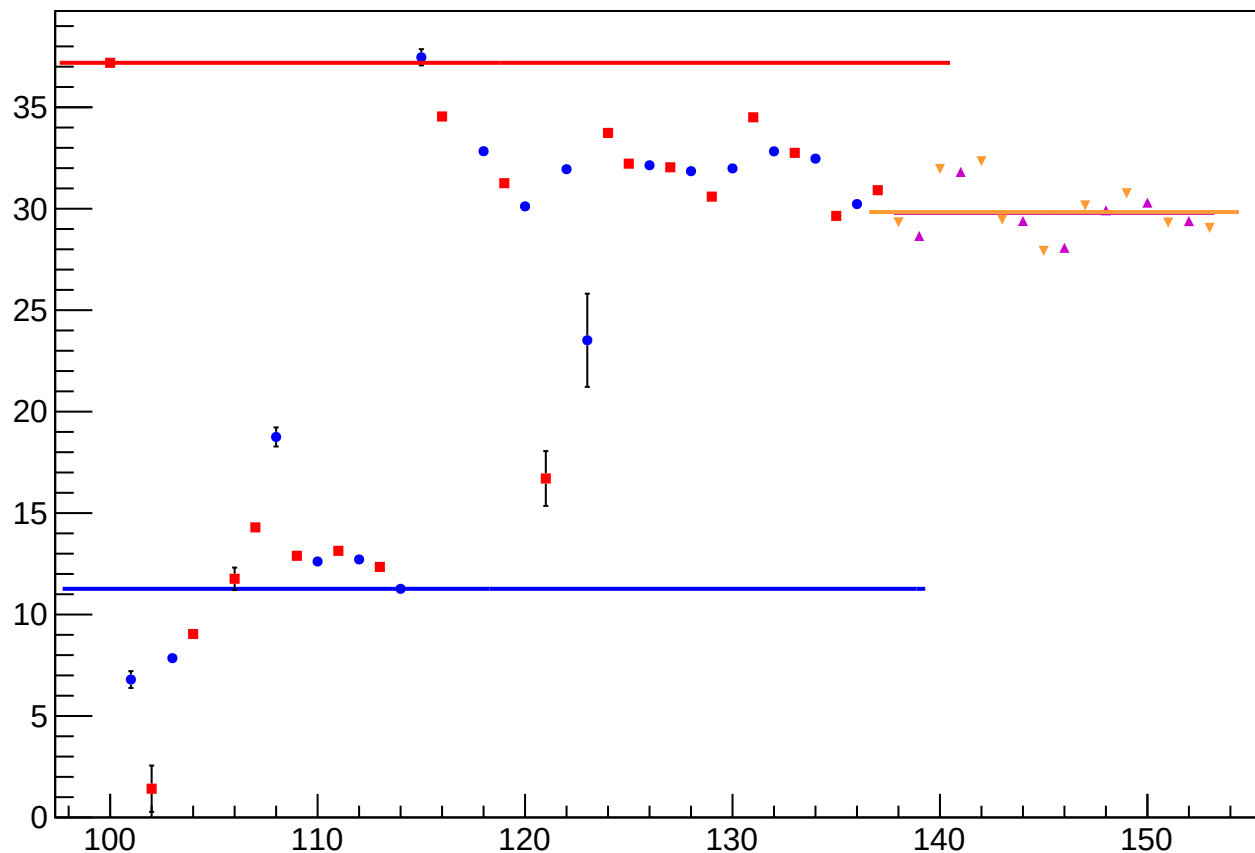
Right: -2.320+/-0.000 χ^2/NDF : 381161.7/35

In: -2.320+/-0.000 χ^2/NDF : 1033919.5/23

Out: -6.464+/-0.004 χ^2/NDF : 81387.7/27

All: -2.320+/-0.000 χ^2/NDF : 1968773.5/51

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.835 $\pm$ 0.017 χ^2 /NDF: 4785.1/8

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

Left In: 29.794 $\pm$ 0.014 χ^2 /NDF: 2626.6/6

Left: 29.811 $\pm$ 0.011 χ^2 /NDF: 7415.1/15

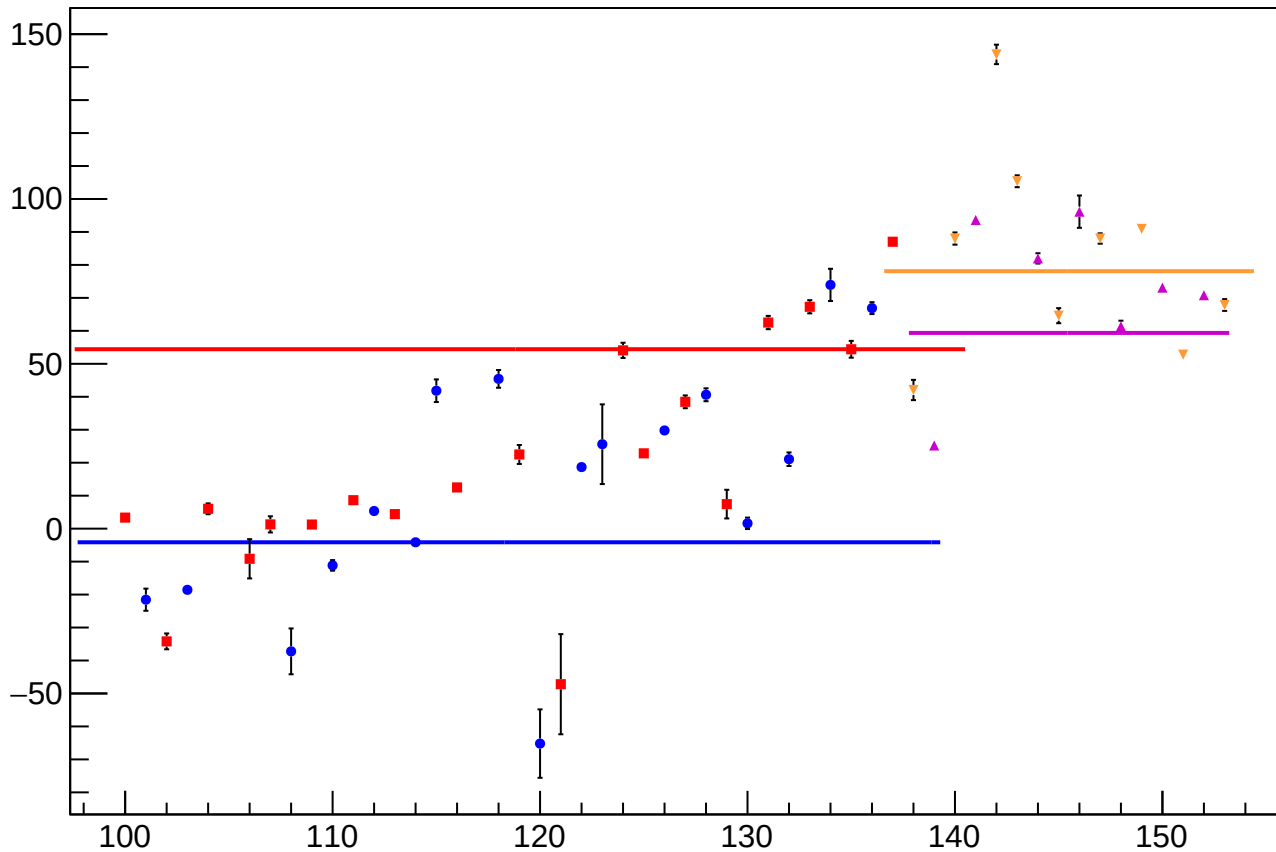
Right: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978834

In: 11.268 $\pm$ 0.000 χ^2 /NDF: 2669575.9/23

Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1324579.7/27

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 78.097 ± 0.579 χ^2/NDF : 1570.5/8

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

Left In: 59.372 ± 0.418 χ^2/NDF : 3584.2/6

Left: 65.781 ± 0.339 χ^2/NDF : 5842.0/15

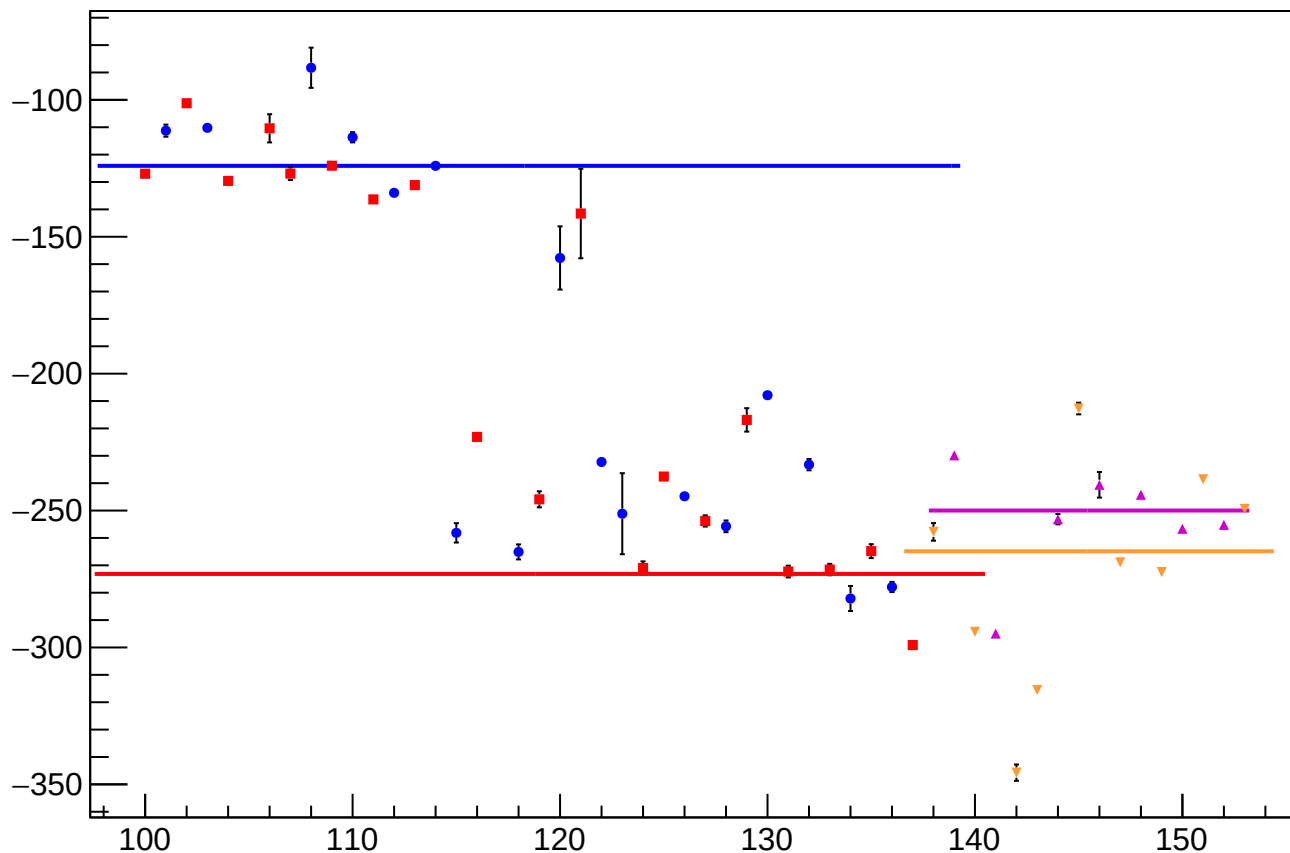
Right: -4.139 ± 0.000 χ^2/NDF : 177029.3/35

In: -4.139 ± 0.000 χ^2/NDF : 31345.8/23

Out: 56.308 ± 0.163 χ^2/NDF : 57106.4/27

All: -4.139 ± 0.000 χ^2/NDF : 225449.0/51

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -264.875 ± 0.570 χ^2/NDF : 3067.1/8

Right Out: -273.143 ± 0.113 χ^2/NDF : 280141.9/18

Left In: -249.983 ± 0.406 χ^2/NDF : 2303.1/6

Left: -255.000 ± 0.331 χ^2/NDF : 5823.6/15

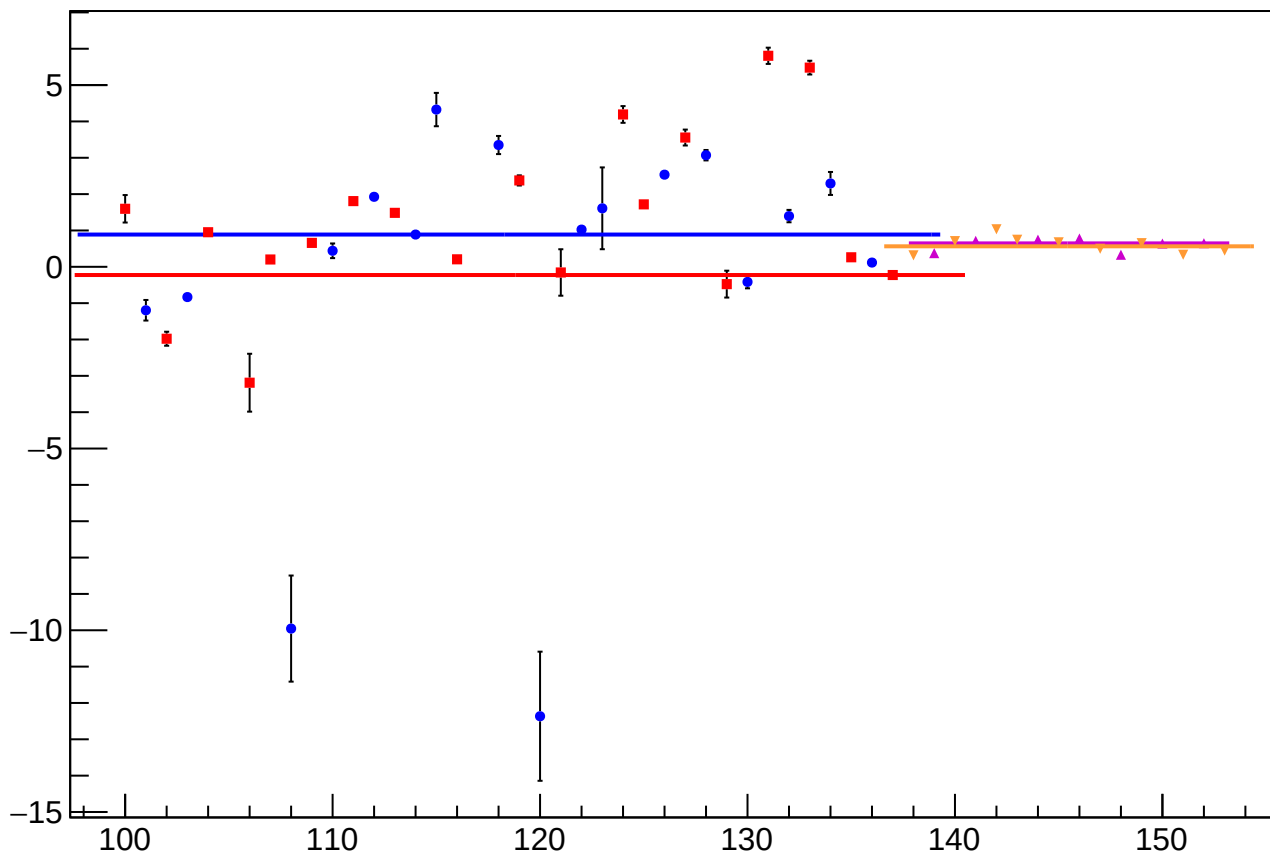
Right: -124.095 ± 0.000 χ^2/NDF : 2066776.4/35

In: -124.095 ± 0.000 χ^2/NDF : 136626.5/23

Out: -272.832 ± 0.111 χ^2/NDF : 283411.8/27

All: -124.095 ± 0.000 χ^2/NDF : 2229418.6/51

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 $\chi^2/\text{NDF}: 8672.0/16$

Left Out: 0.564 ± 0.004 $\chi^2/\text{NDF}: 1685.6/8$

Right Out: -0.226 ± 0.000 $\chi^2/\text{NDF}: 5031.1/18$

Left In: 0.644 ± 0.004 $\chi^2/\text{NDF}: 1056.9/6$

Left: 0.613 ± 0.003 $\chi^2/\text{NDF}: 2941.0/15$

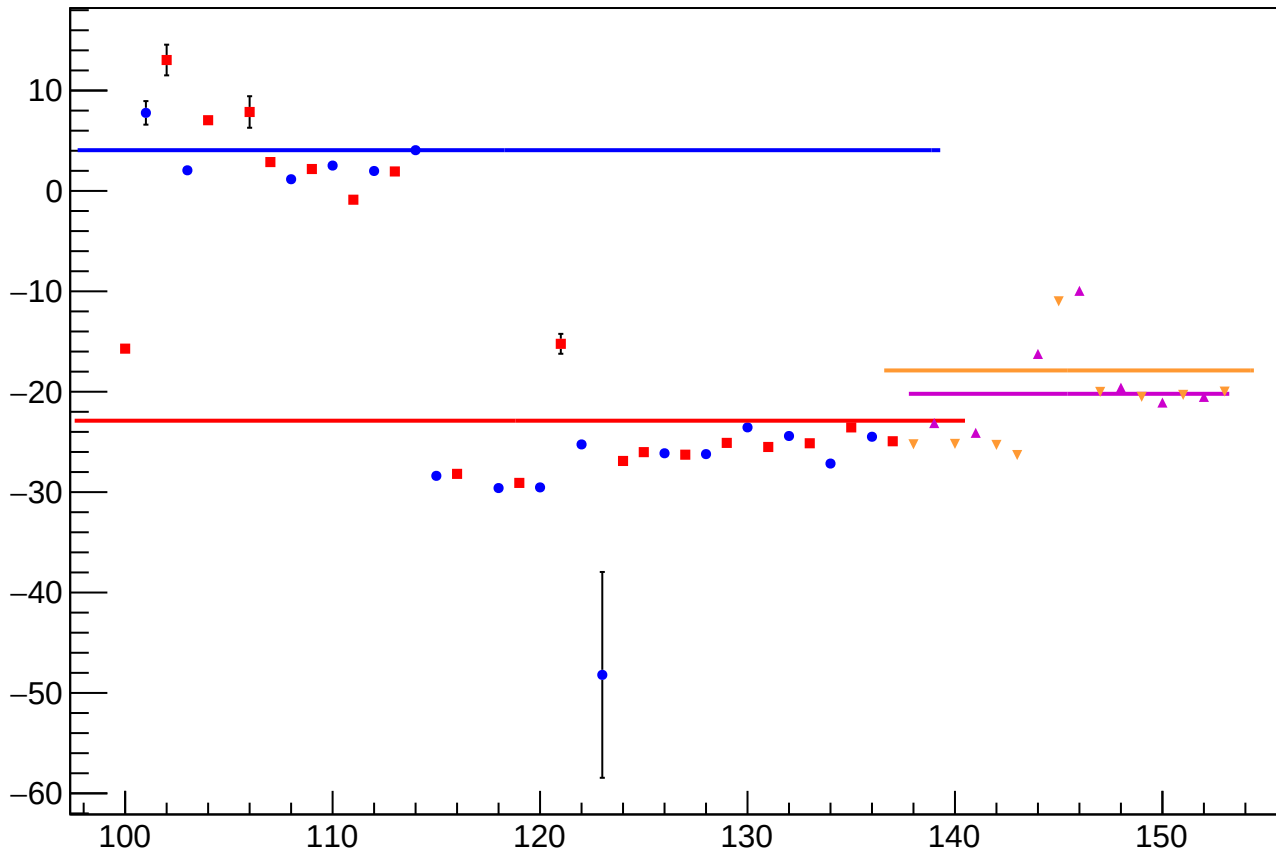
Right: 0.888 ± 0.000 $\chi^2/\text{NDF}: 422220530.0/35$

In: 0.888 ± 0.000 $\chi^2/\text{NDF}: 14334.1/23$

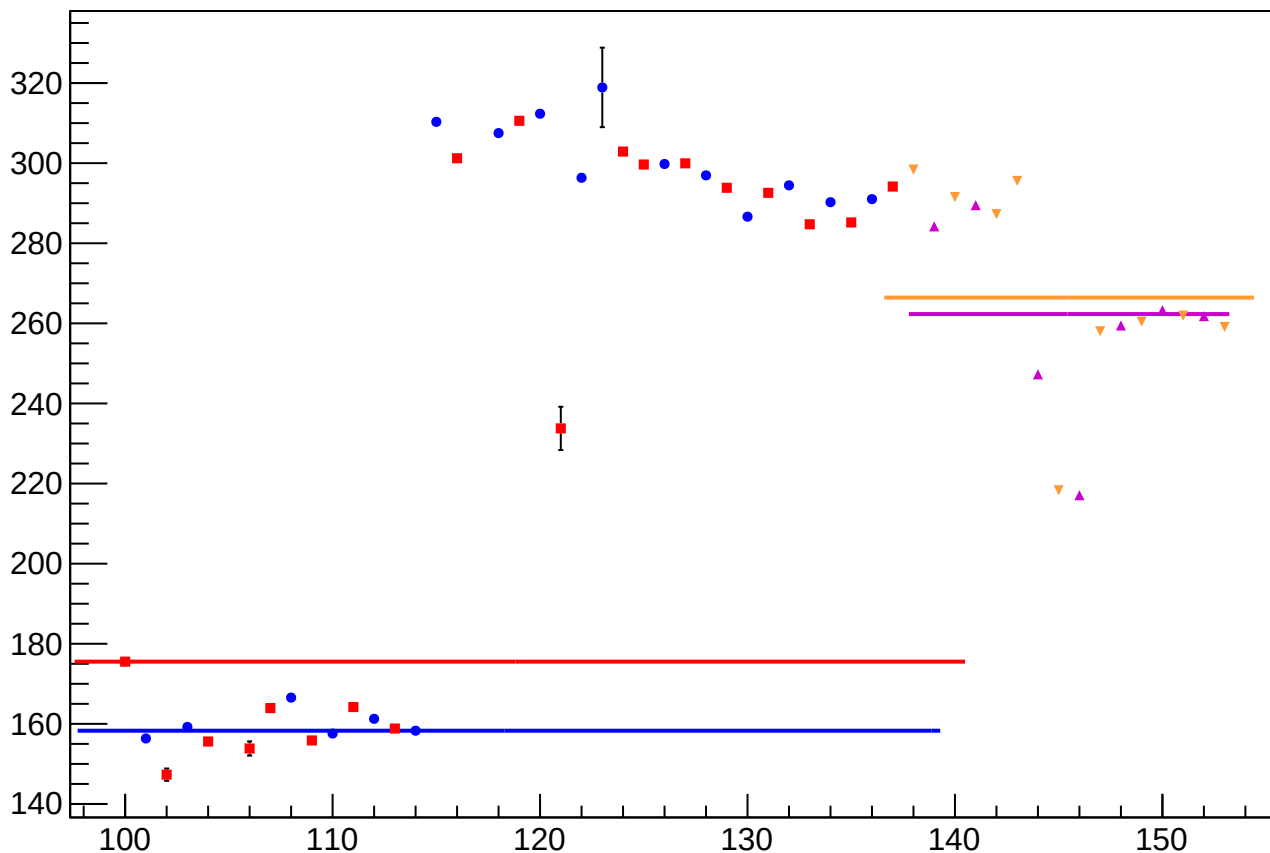
Out: -0.226 ± 0.000 $\chi^2/\text{NDF}: 38449.7/27$

All: 0.888 ± 0.000 $\chi^2/\text{NDF}: 422233206.7/51$

dit_sam4_4aY_slope vs Slug, Sign Corrected



dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 266.438+/-0.051 χ^2/NDF :179902.5/8

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

Left In: 262.319+/-0.047 χ^2/NDF :36875.4/6

Left: 264.217+/-0.034 χ^2/NDF : 220333.8/15

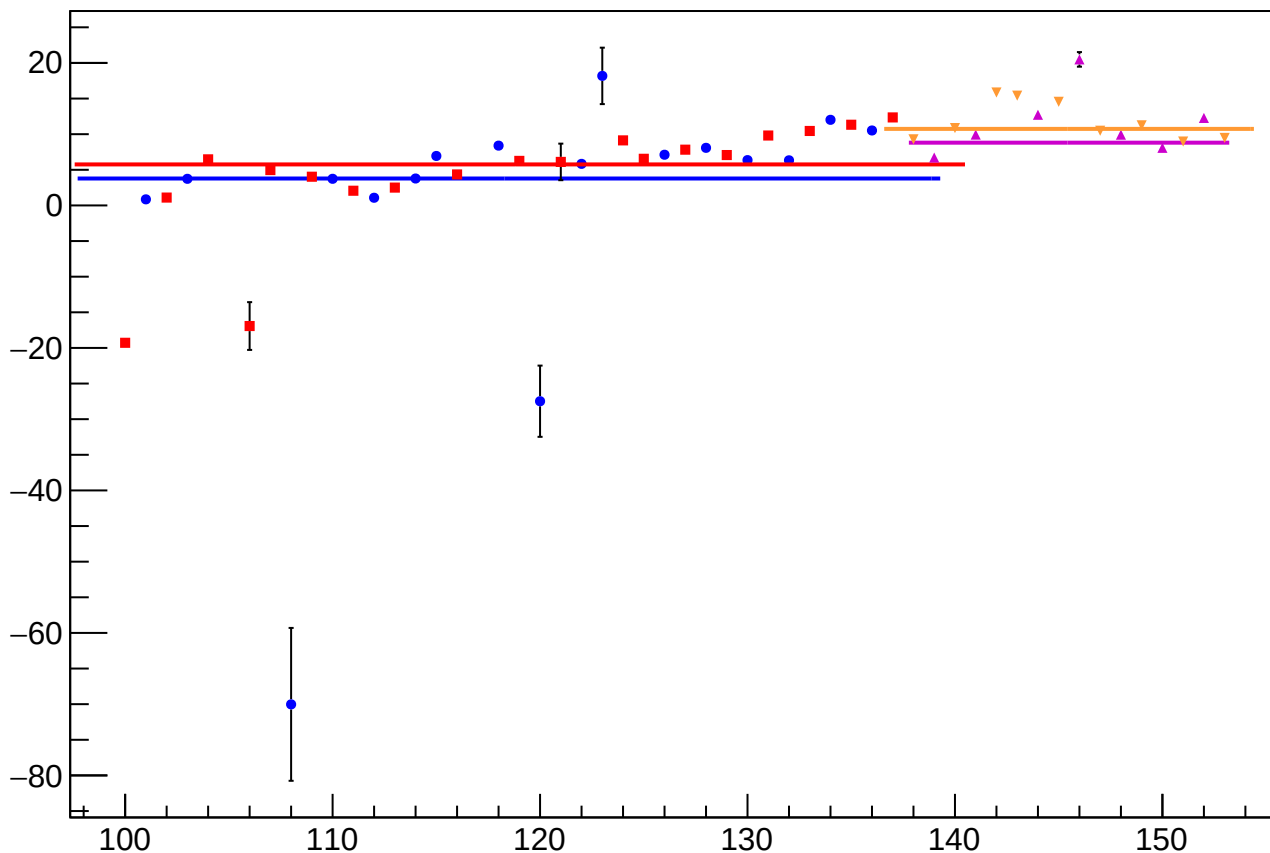
Right: 172.618+/-0.000 χ^2/NDF : 373727491225928

In: 158.293+/-0.000 χ^2/NDF :7369442.1/23

Out: 175.536+/-0.000 χ^2/NDF :5492407.1/27

All: 172.618+/-0.000 χ^2/NDF : 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.743 ± 0.042 χ^2/NDF : 1356.1/8

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

Left In: 8.808 ± 0.043 χ^2/NDF : 1894.0/6

Left: 9.816 ± 0.030 χ^2/NDF : 4289.7/15

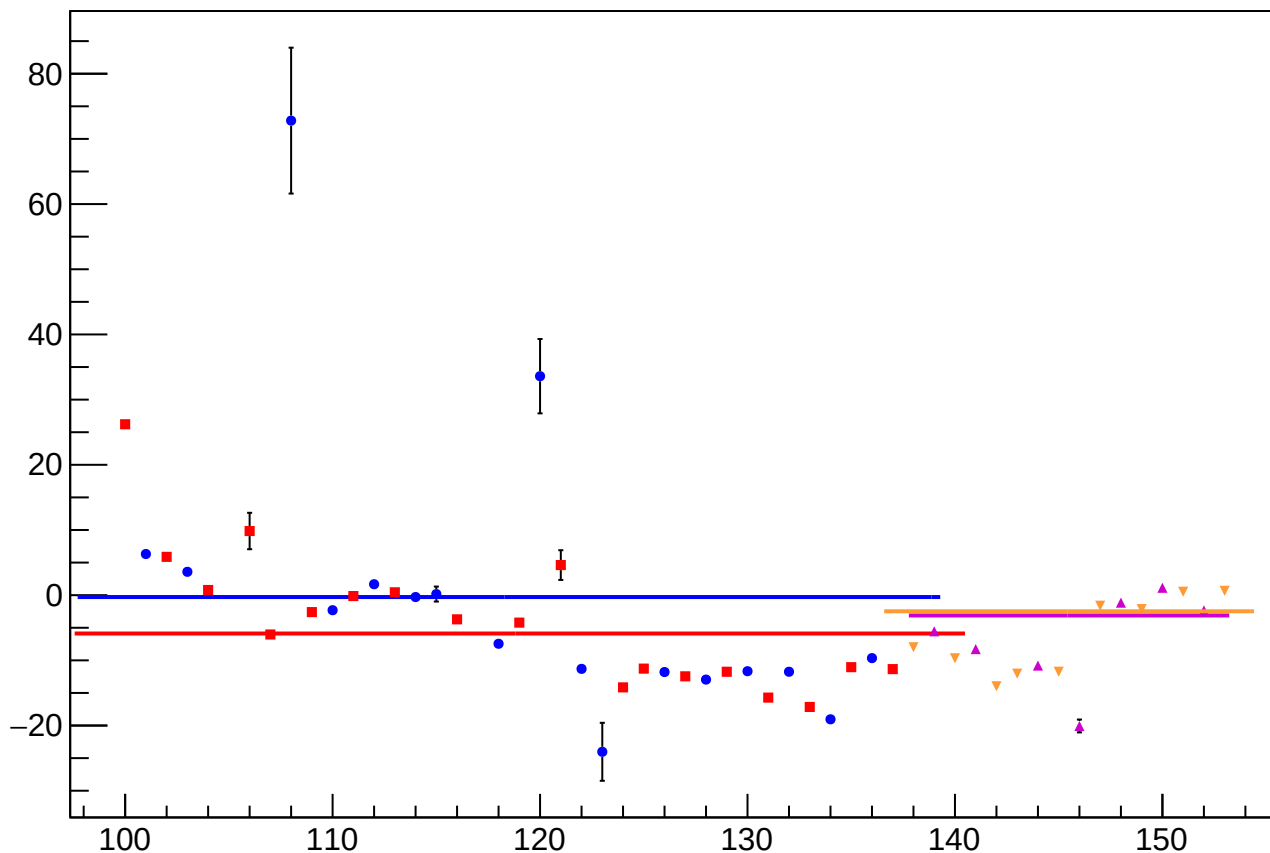
Right: 3.778 ± 0.000 χ^2/NDF : 35056.1/35

In: 3.778 ± 0.000 χ^2/NDF : 22245.1/23

Out: 7.141 ± 0.022 χ^2/NDF : 34061.2/27

All: 3.778 ± 0.000 χ^2/NDF : 79907.2/51

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.472 ± 0.041 χ^2/NDF : 7822.6/8

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

Left In: -3.113 ± 0.044 χ^2/NDF : 9272.2/6

Left: -2.770 ± 0.030 χ^2/NDF : 17208.2/15

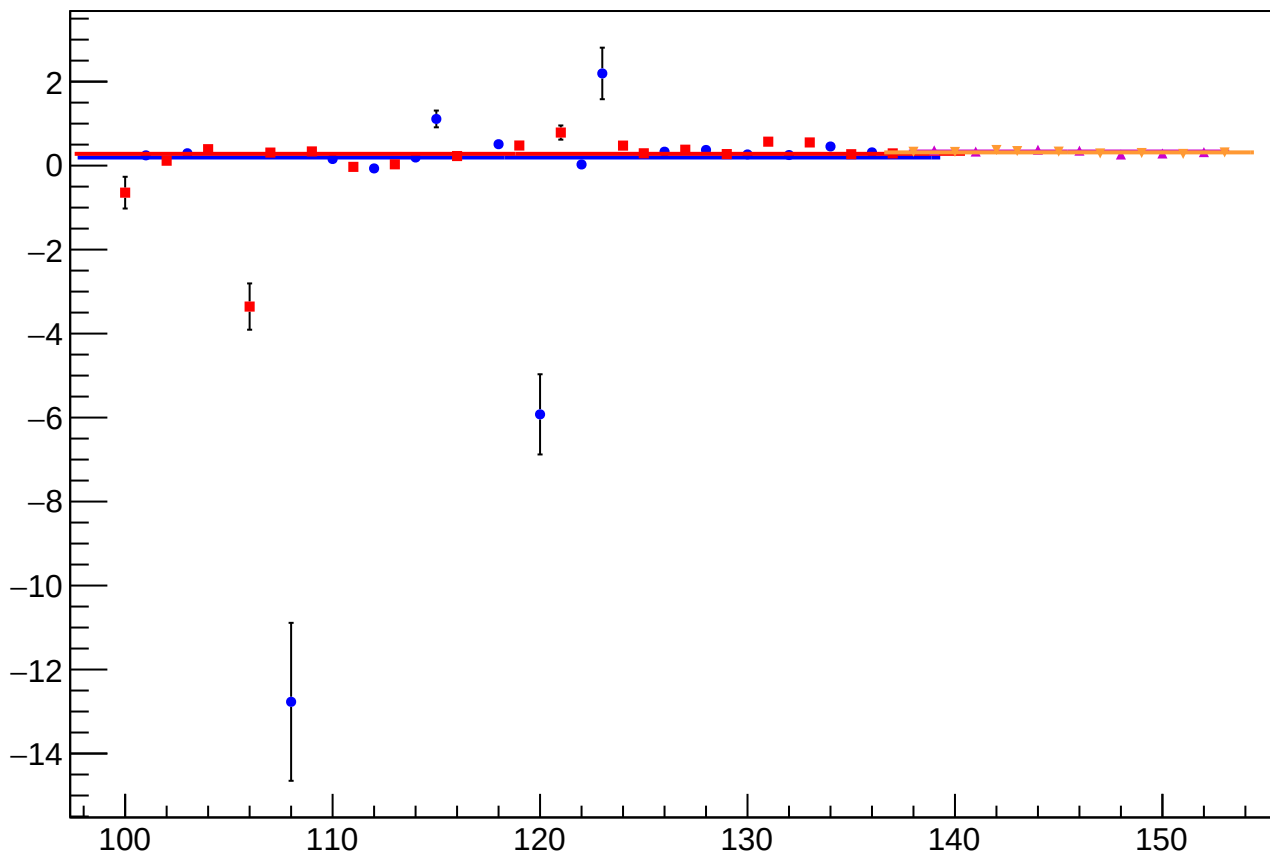
Right: -0.287 ± 0.000 χ^2/NDF : 150060.6/35

In: -0.287 ± 0.000 χ^2/NDF : 57661.4/23

Out: -4.841 ± 0.023 χ^2/NDF : 76112.9/27

All: -0.287 ± 0.000 χ^2/NDF : 174103.1/51

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.315+/-0.001 χ^2/NDF : 792.7/8

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

Left In: 0.336+/-0.001 χ^2/NDF : 2122.9/6

Left: 0.324+/-0.001 χ^2/NDF : 3231.8/15

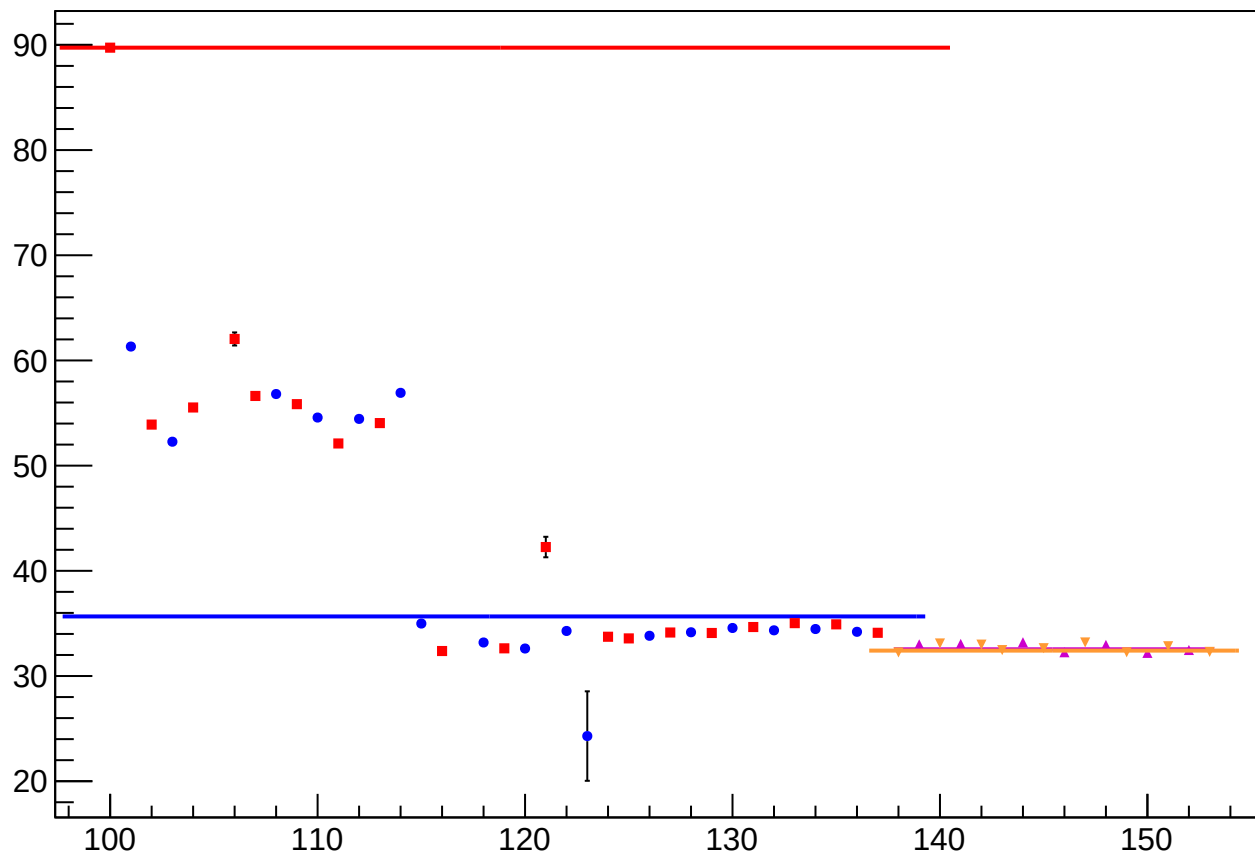
Right: 0.193+/-0.000 χ^2/NDF : 19578.7/35

In: 0.193+/-0.000 χ^2/NDF : 38508.2/23

Out: 0.307+/-0.001 χ^2/NDF : 7270.2/27

All: 0.193+/-0.000 χ^2/NDF : 72477.8/51

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.416 $\pm$ 0.006 χ^2 /NDF:1938.0/8

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

Left In: 32.542 $\pm$ 0.007 χ^2 /NDF:2189.5/6

Left: 32.468 $\pm$ 0.005 χ^2 /NDF: 4301.5/15

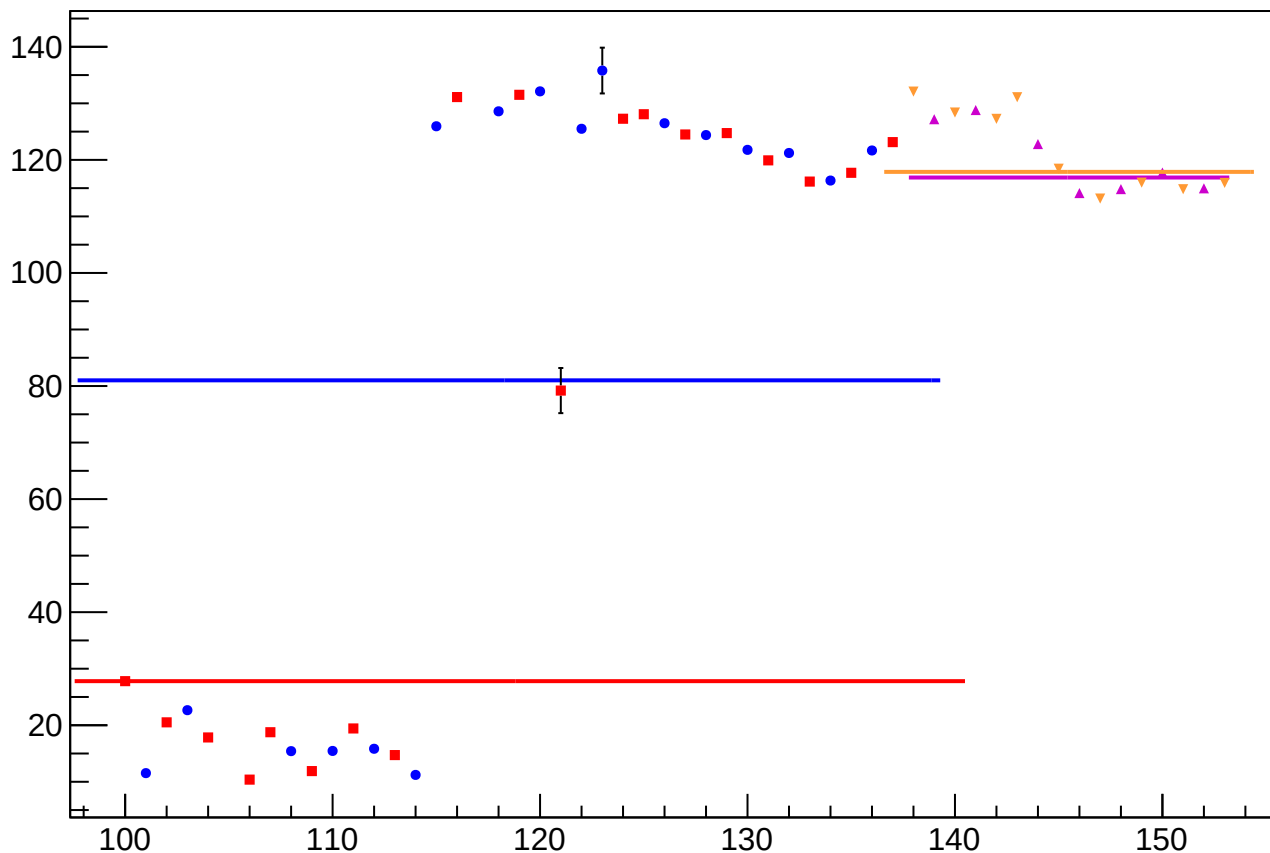
Right: 89.735 $\pm$ 0.000 χ^2 /NDF: 48650023.7/35

In: 33.458 $\pm$ 0.006 χ^2 /NDF:274158.1/23

Out: 89.735 $\pm$ 0.000 χ^2 /NDF:113717979.3/27

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 197505770.4/51

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 117.878 $\pm$ 0.014 χ^2 /NDF:127428.7/8

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

Left In: 116.878 $\pm$ 0.018 χ^2 /NDF:37612.2/6

Left: 117.473 $\pm$ 0.011 χ^2 /NDF: 166980.7/15

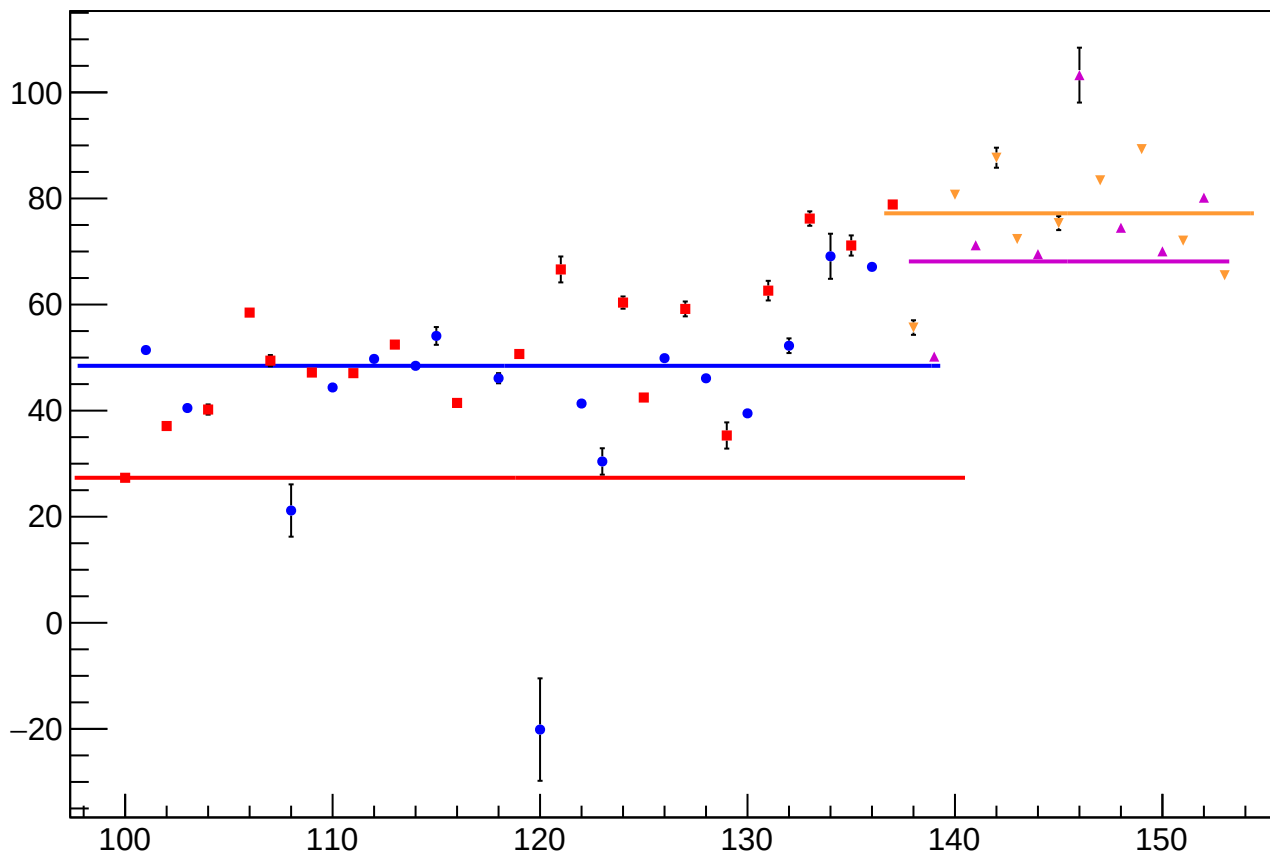
Right: 27.798 $\pm$ 0.000 χ^2 /NDF: 13786729.0/35

In: 109.542 $\pm$ 0.016 χ^2 /NDF:3124988.9/23

Out: 27.798 $\pm$ 0.000 χ^2 /NDF:48109391.9/27

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 78636571.0/51

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 77.198+/-0.271 χ^2/NDF : 999.4/8

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

Left In: 68.125+/-0.224 χ^2/NDF : 1831.7/6

Left: 71.811+/-0.173 χ^2/NDF : 3495.7/15

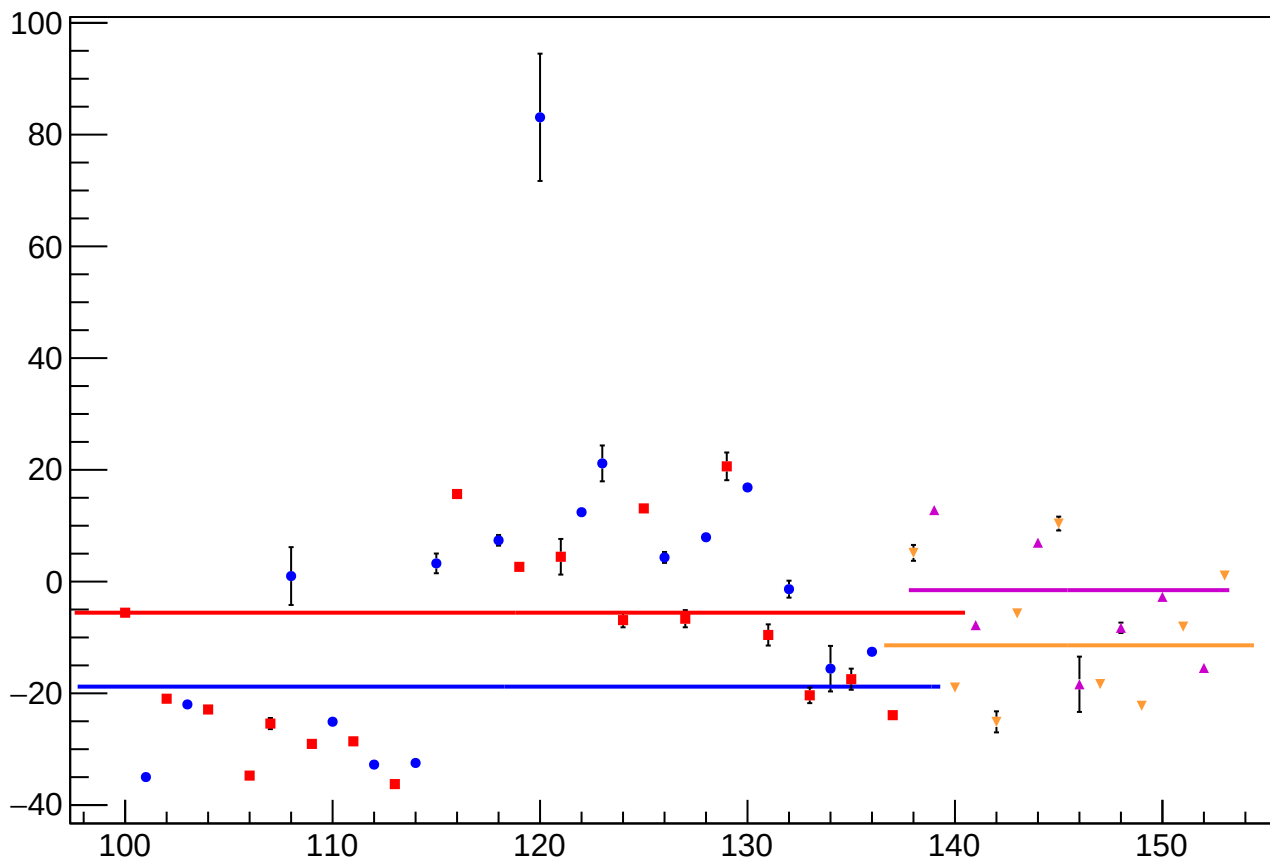
Right: 28.365+/-0.000 χ^2/NDF : 1026290104888328

In: 48.450+/-0.000 χ^2/NDF : 12277.4/23

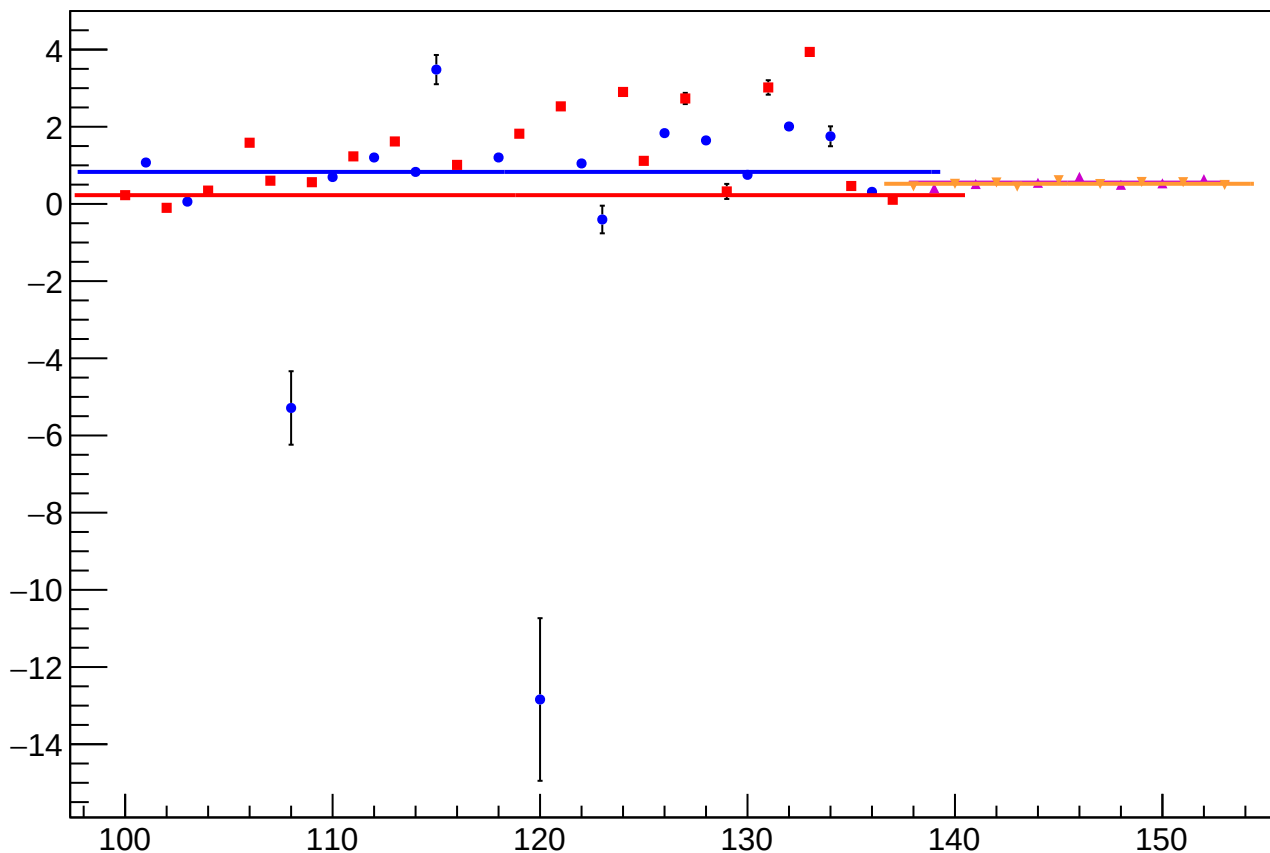
Out: 27.342+/-0.000 χ^2/NDF : 60613.5/27

All: 28.365+/-0.000 χ^2/NDF : 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 654.6/8$

Right Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 11819.9/18$

Left In: 0.553 ± 0.002 $\chi^2/\text{NDF}: 1737.8/6$

Left: 0.538 ± 0.001 $\chi^2/\text{NDF}: 2549.5/15$

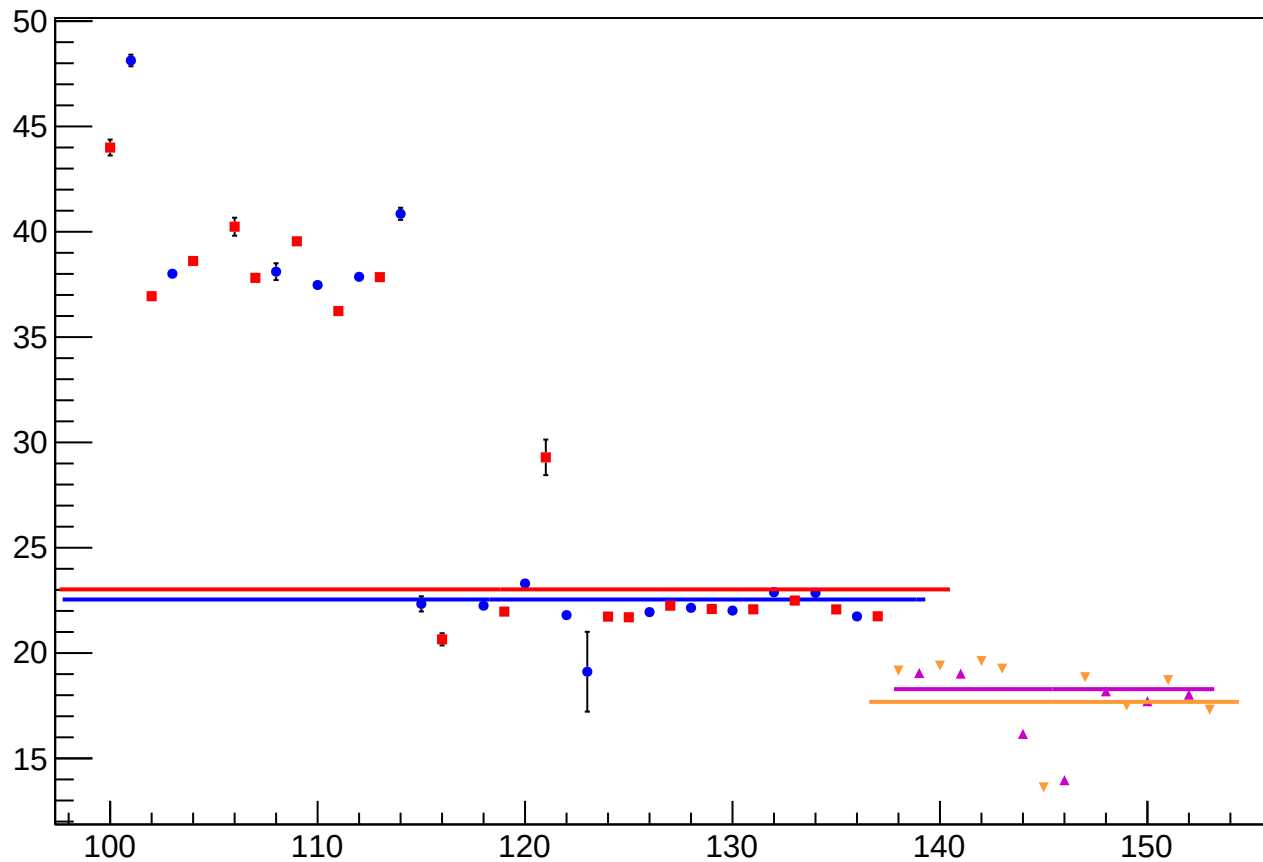
Right: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457147$

In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 43162.9/23$

Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 40074.4/27$

All: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.682 $\pm$ 0.008 χ^2 /NDF: 69114.2/8

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

Left In: 18.287 $\pm$ 0.011 χ^2 /NDF: 8322.9/6

Left: 17.899 $\pm$ 0.007 χ^2 /NDF: 79348.3/15

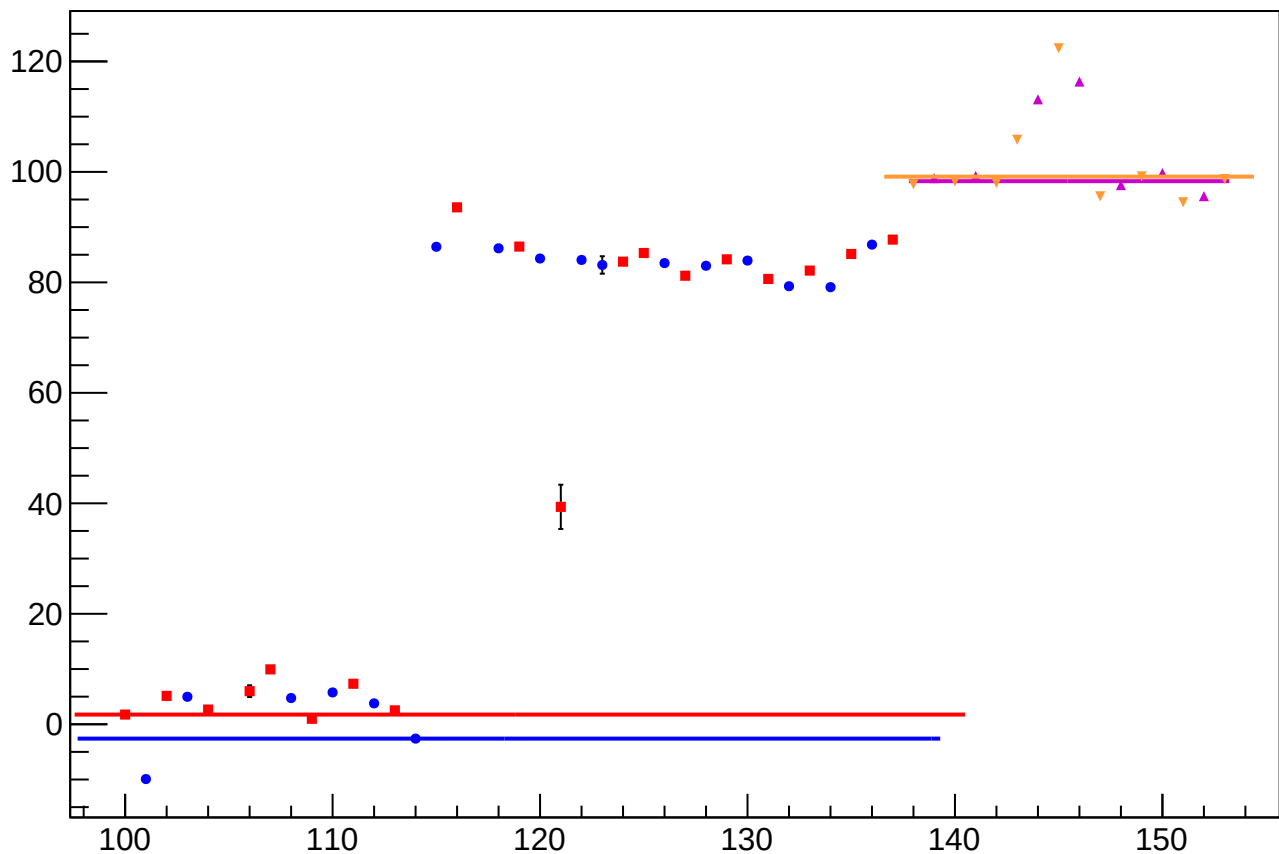
Right: 22.790 $\pm$ 0.006 χ^2 /NDF: 272655.1/35

In: 20.784 $\pm$ 0.007 χ^2 /NDF: 200147.6/23

Out: 20.120 $\pm$ 0.006 χ^2 /NDF: 424417.0/27

All: 20.401 $\pm$ 0.005 χ^2 /NDF: 629565.8/51

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.142+/-0.016 χ^2/NDF : 67751.8/8

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

Left In: 98.320+/-0.018 χ^2/NDF : 15523.0/6

Left: 98.777+/-0.012 χ^2/NDF : 84488.5/15

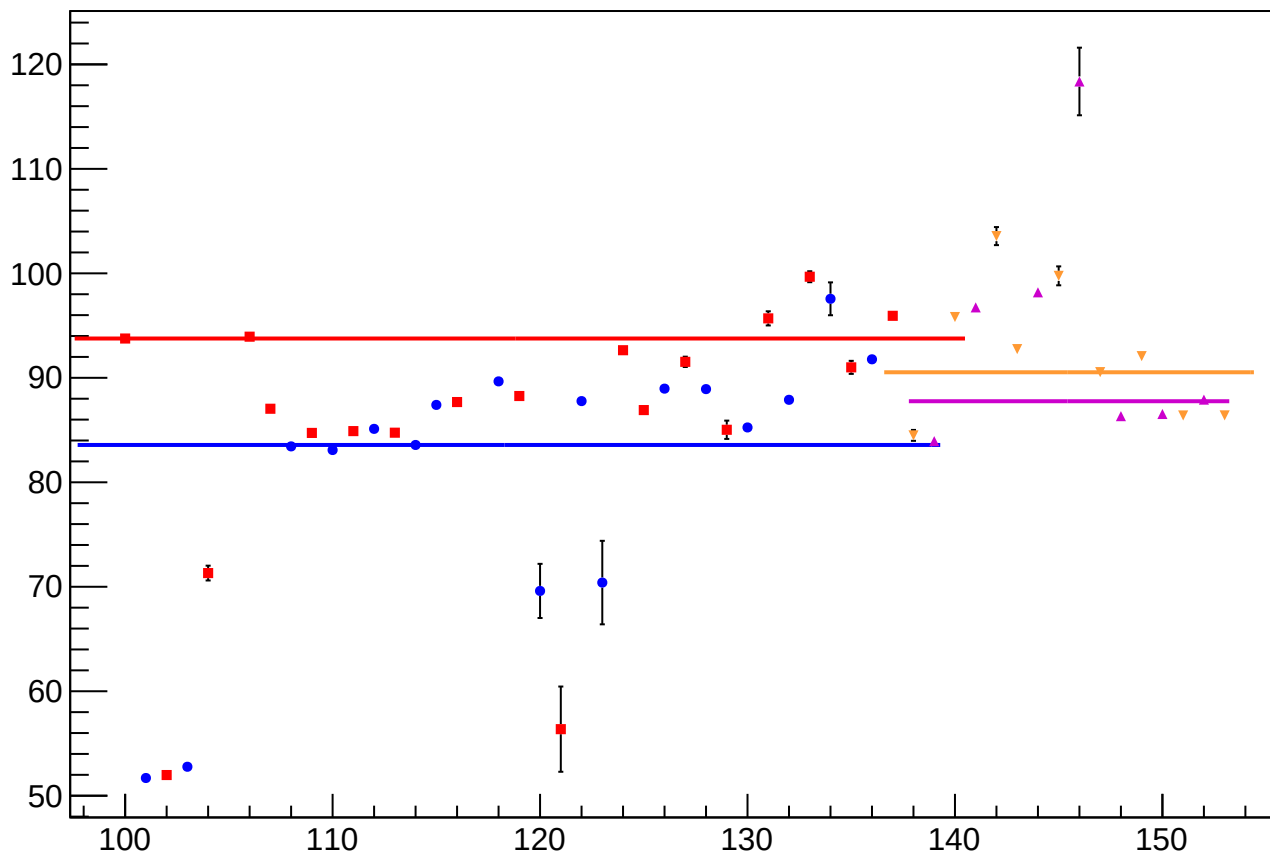
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF : 40338299.7/23

Out: 1.758+/-0.000 χ^2/NDF : 42611137.6/27

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 90.531+/-0.108 χ^2/NDF :1356.0/8

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

Left In: 87.759+/-0.089 χ^2/NDF :2252.7/6

Left: 88.880+/-0.069 χ^2/NDF : 4002.7/15

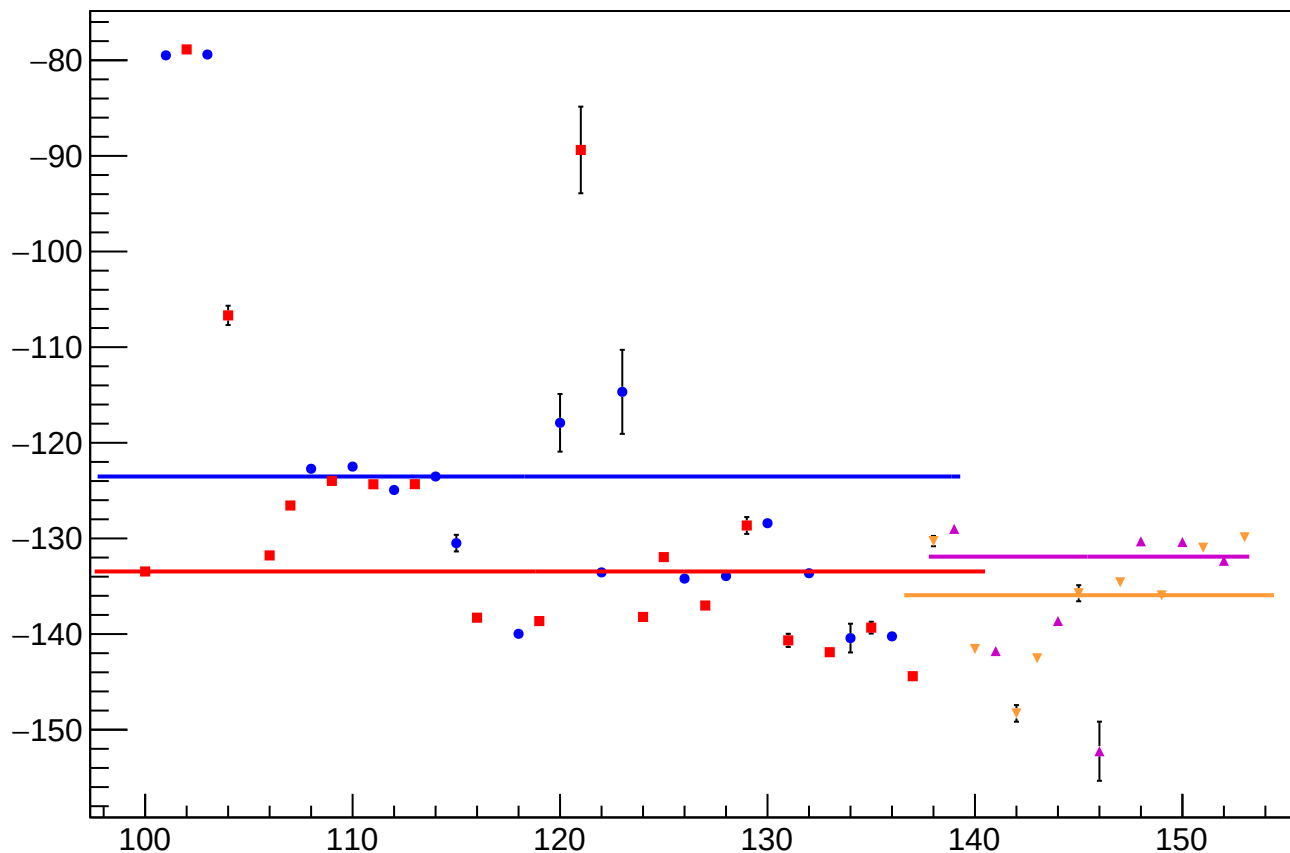
Right: 87.169+/-0.000 χ^2/NDF : 1995684404141260

In: 83.573+/-0.000 χ^2/NDF :53942.7/23

Out: 93.762+/-0.000 χ^2/NDF :85104.1/27

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -135.936 ± 0.107 $\chi^2/\text{NDF}: 2211.0/8$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

Left In: -131.905 ± 0.086 $\chi^2/\text{NDF}: 1898.6/6$

Left: -133.487 ± 0.067 $\chi^2/\text{NDF}: 4965.2/15$

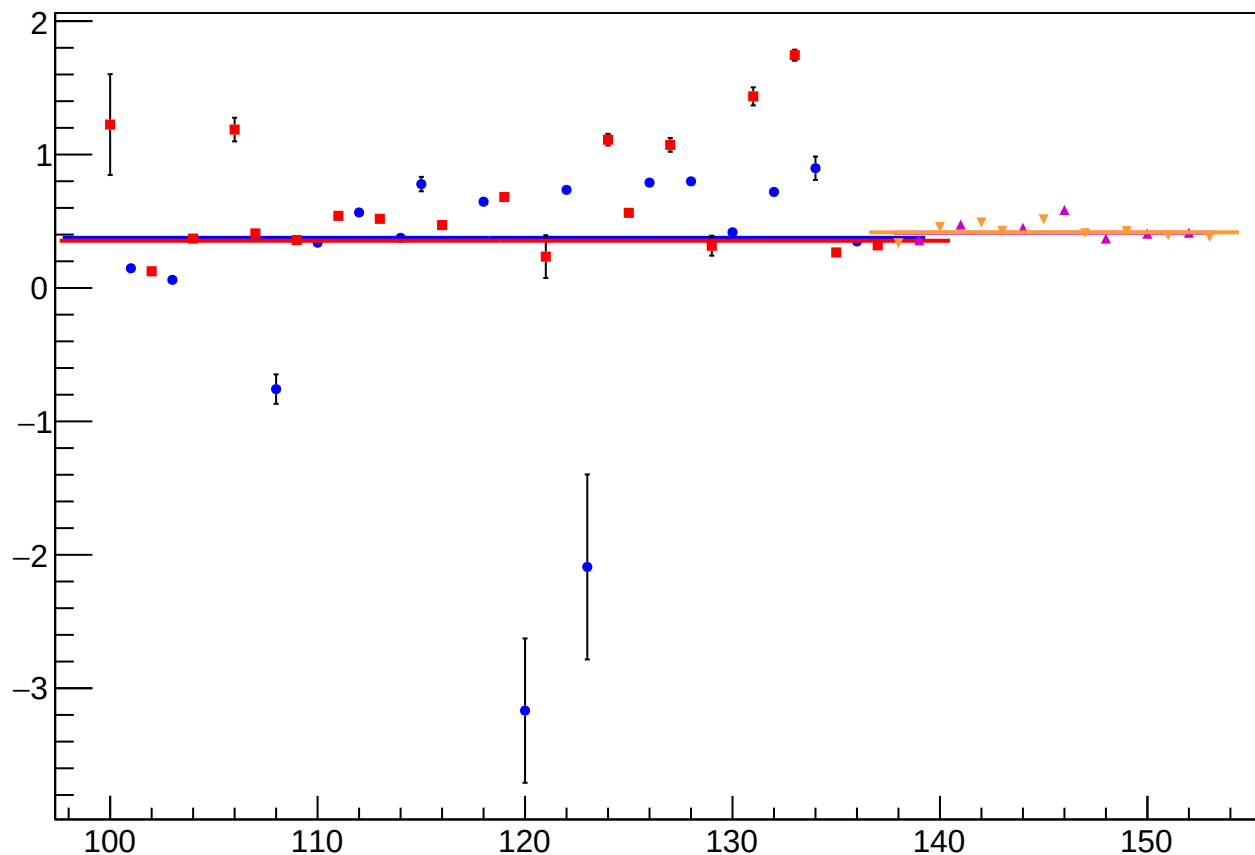
Right: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901657$

In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 171678.6/23$

Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 397640.5/27$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.417 $\pm$ 0.001 χ^2 /NDF:984.4/8

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

Left In: 0.414 $\pm$ 0.001 χ^2 /NDF:2851.6/6

Left: 0.415 $\pm$ 0.001 χ^2 /NDF: 3843.9/15

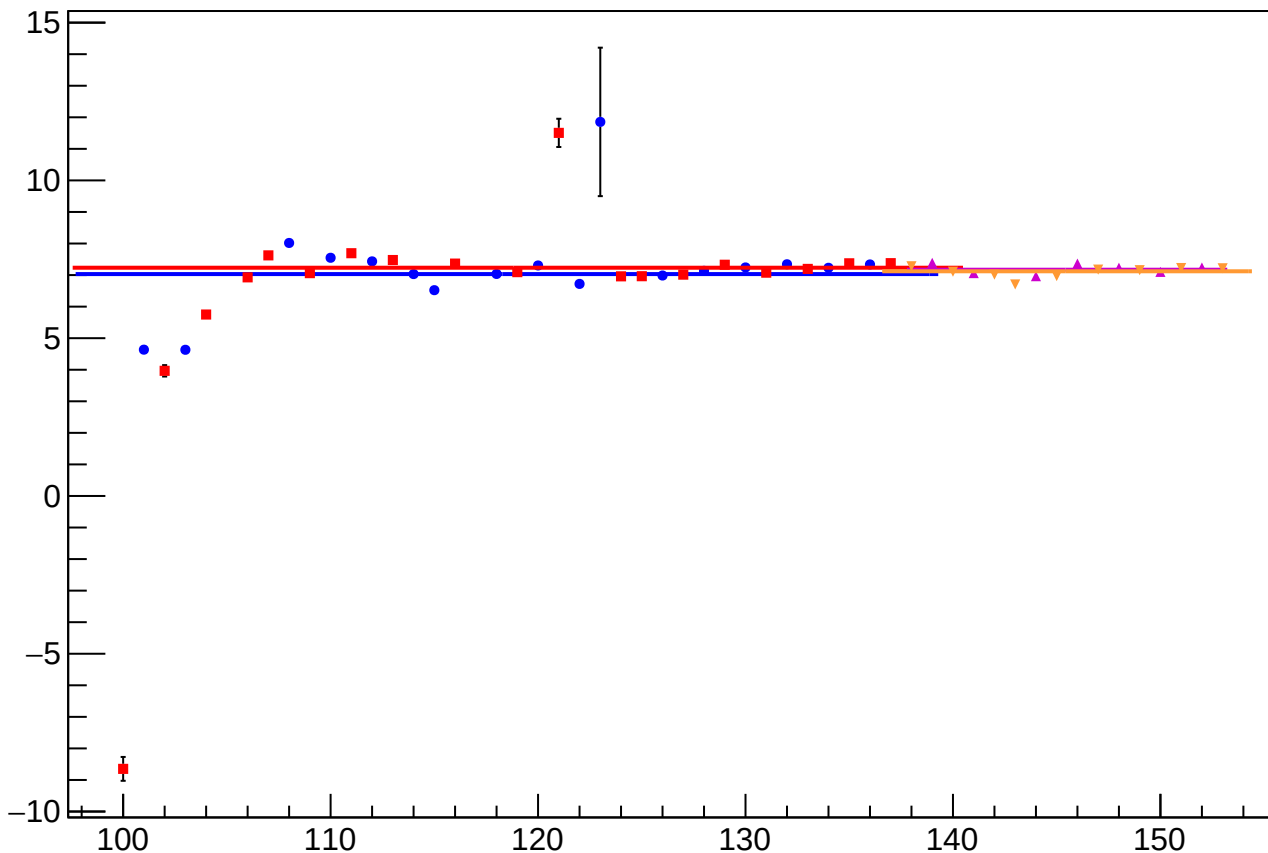
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF:9306.0/23

Out: 0.403 $\pm$ 0.001 χ^2 /NDF:6932.2/27

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 17684.3/51

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.120 $\pm$ 0.001 χ^2 /NDF:14118.1/8

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

Left In: 7.170 $\pm$ 0.001 χ^2 /NDF:7311.2/6

Left: 7.143 $\pm$ 0.001 χ^2 /NDF: 22035.9/15

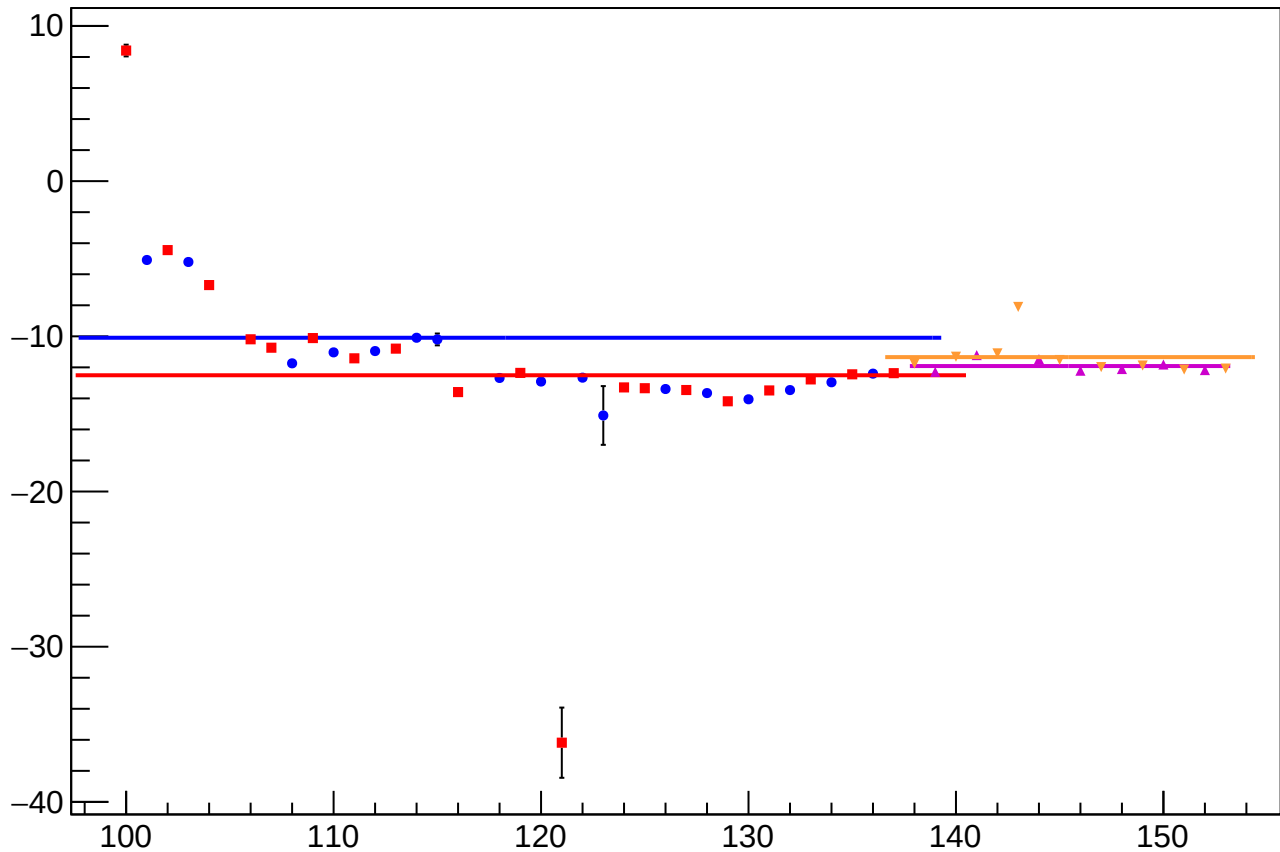
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:35653.1/23

Out: 7.148 $\pm$ 0.001 χ^2 /NDF:25878.7/27

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 71272.7/51

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 $\pm$ 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.340 $\pm$ 0.002 χ^2/NDF : 356229.8/8

Right Out: -12.509 $\pm$ 0.004 χ^2/NDF : 103509.4/18

Left In: -11.915 $\pm$ 0.003 χ^2/NDF : 9564.7/6

Left: -11.549 $\pm$ 0.002 χ^2/NDF : 386063.0/15

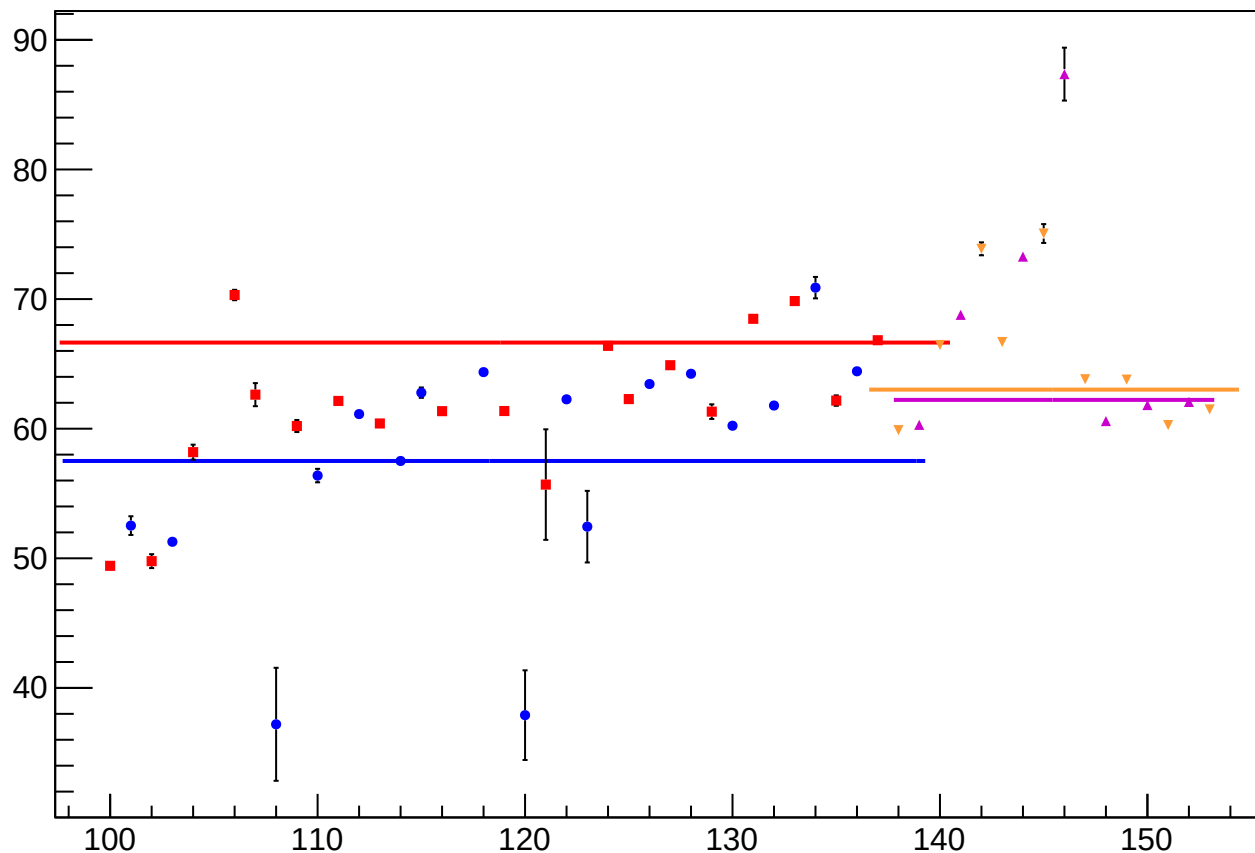
Right: -10.092 $\pm$ 0.000 χ^2/NDF : 1062248.5/35

In: -10.092 $\pm$ 0.000 χ^2/NDF : 872693.1/23

Out: -11.686 $\pm$ 0.002 χ^2/NDF : 528072.5/27

All: -10.092 $\pm$ 0.000 χ^2/NDF : 2010025.0/51

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 63.015 ± 0.063 χ^2/NDF : 2293.3/8

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

Left In: 62.222 ± 0.055 χ^2/NDF : 2551.2/6

Left: 62.564 ± 0.042 χ^2/NDF : 4933.7/15

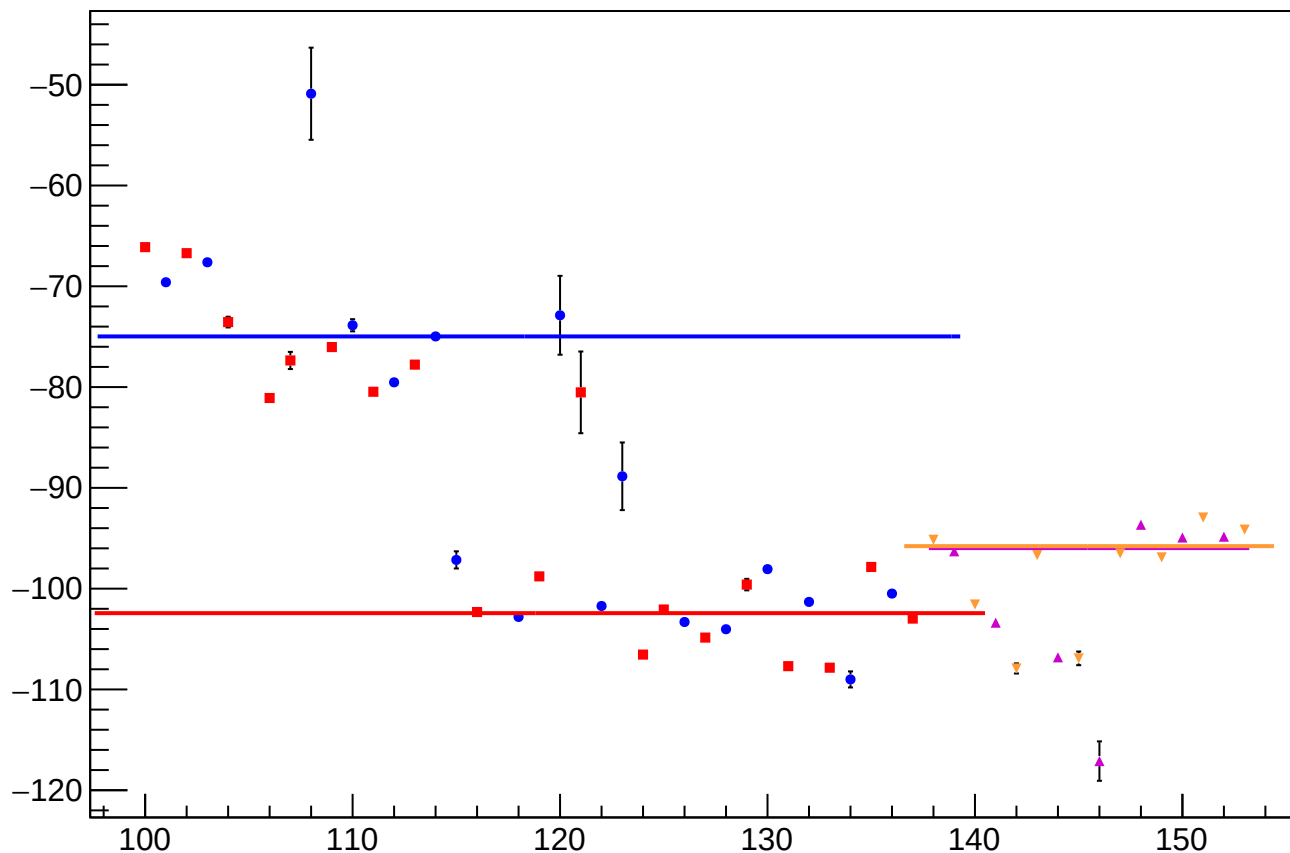
Right: 57.510 ± 0.000 χ^2/NDF : 504438.3/35

In: 57.510 ± 0.000 χ^2/NDF : 17970.9/23

Out: 66.496 ± 0.013 χ^2/NDF : 13606.9/27

All: 57.510 ± 0.000 χ^2/NDF : 524150.0/51

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -95.782 $\pm$ 0.064 χ^2 /NDF:2298.5/8

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

Left In: -95.976 $\pm$ 0.057 χ^2 /NDF:2880.5/6

Left: -95.891 $\pm$ 0.043 χ^2 /NDF: 5184.1/15

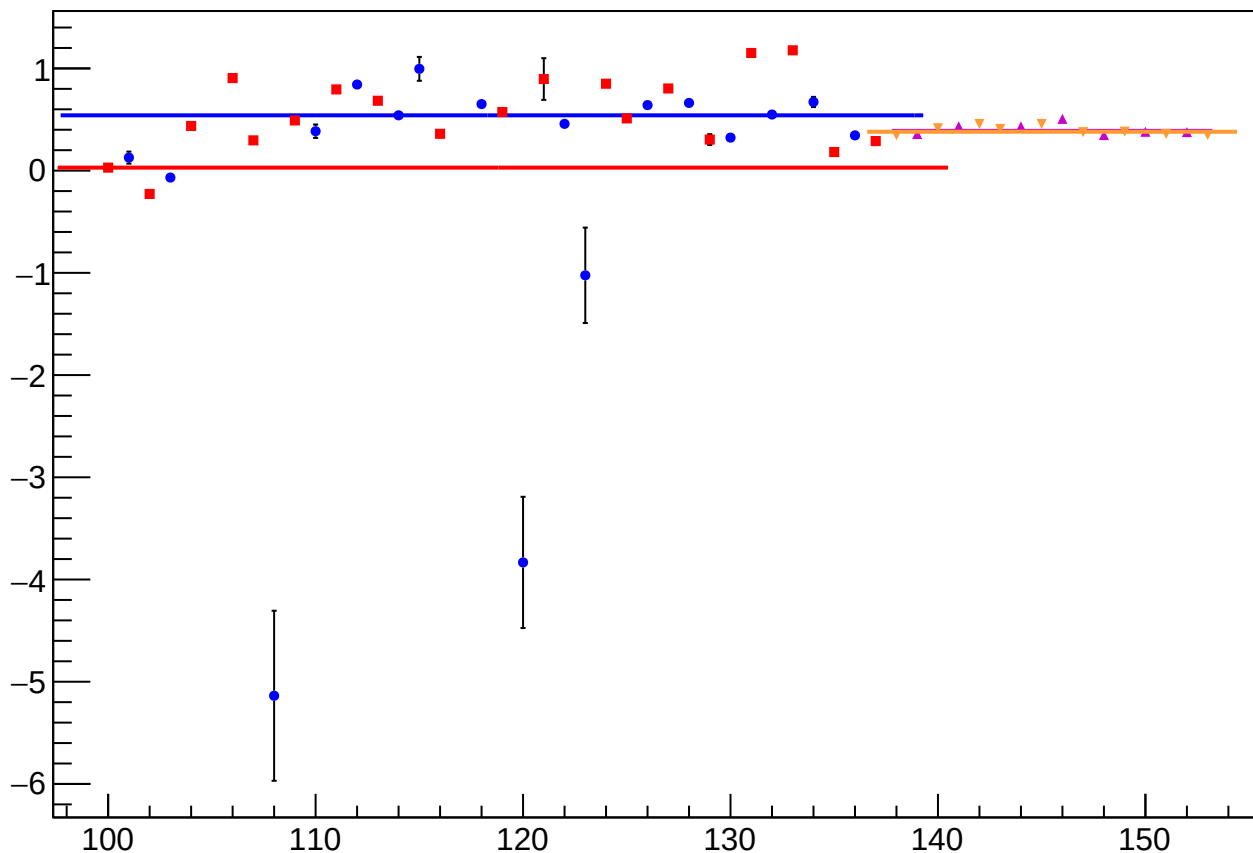
Right: -74.974 $\pm$ 0.000 χ^2 /NDF: 2556524.2/35

In: -74.974 $\pm$ 0.000 χ^2 /NDF:269697.7/23

Out: -101.956 $\pm$ 0.017 χ^2 /NDF:62617.5/27

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 2802849.5/51

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.380 $\pm$ 0.001 χ^2 /NDF:1312.3/8

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

Left In: 0.389 $\pm$ 0.001 χ^2 /NDF:2379.6/6

Left: 0.385 $\pm$ 0.000 χ^2 /NDF: 3795.2/15

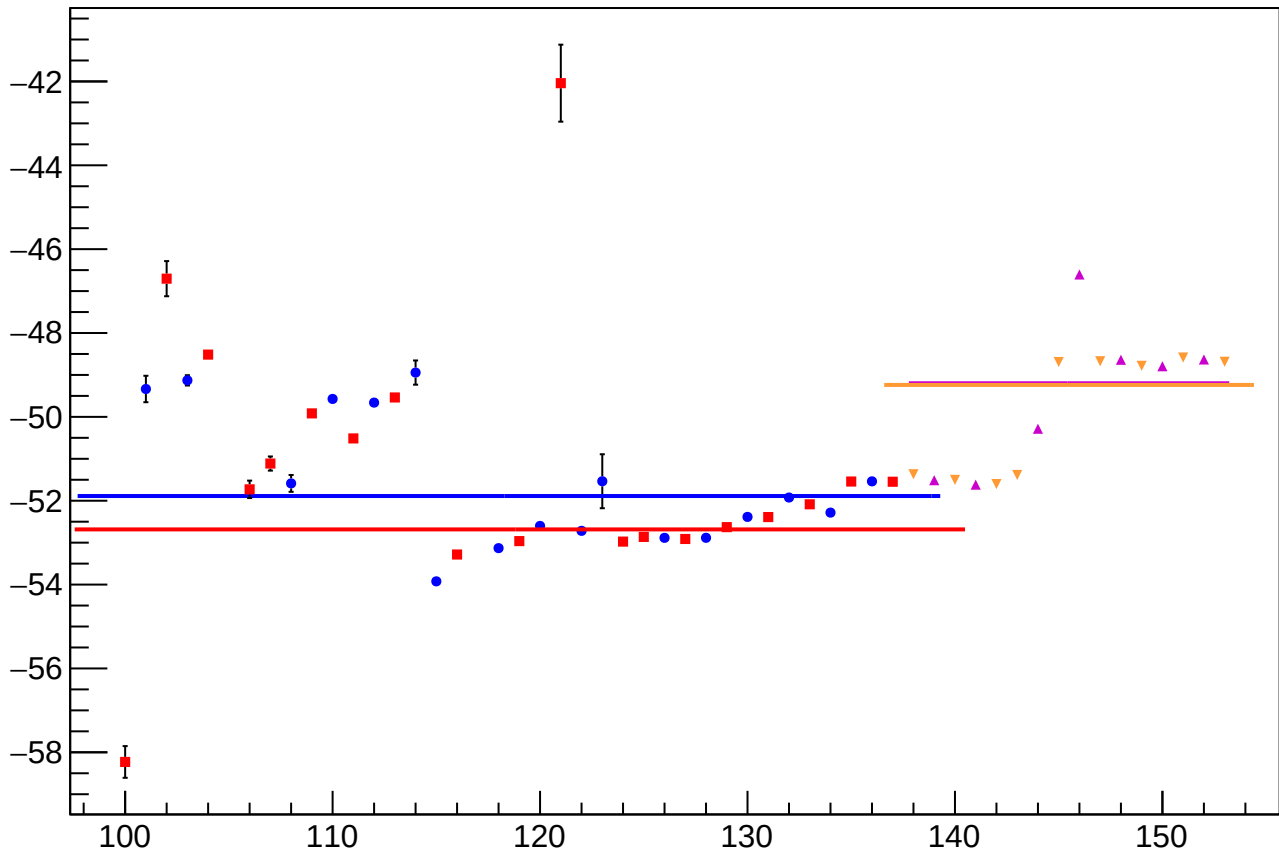
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:105494.5/23

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:441443.2/27

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -49.238 $\pm$ 0.002 χ^2 /NDF: 312680.5/8

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -49.198 $\pm$ 0.002 χ^2 /NDF: 470480.4/6

Left: -49.215 $\pm$ 0.001 χ^2 /NDF: 783409.0/15

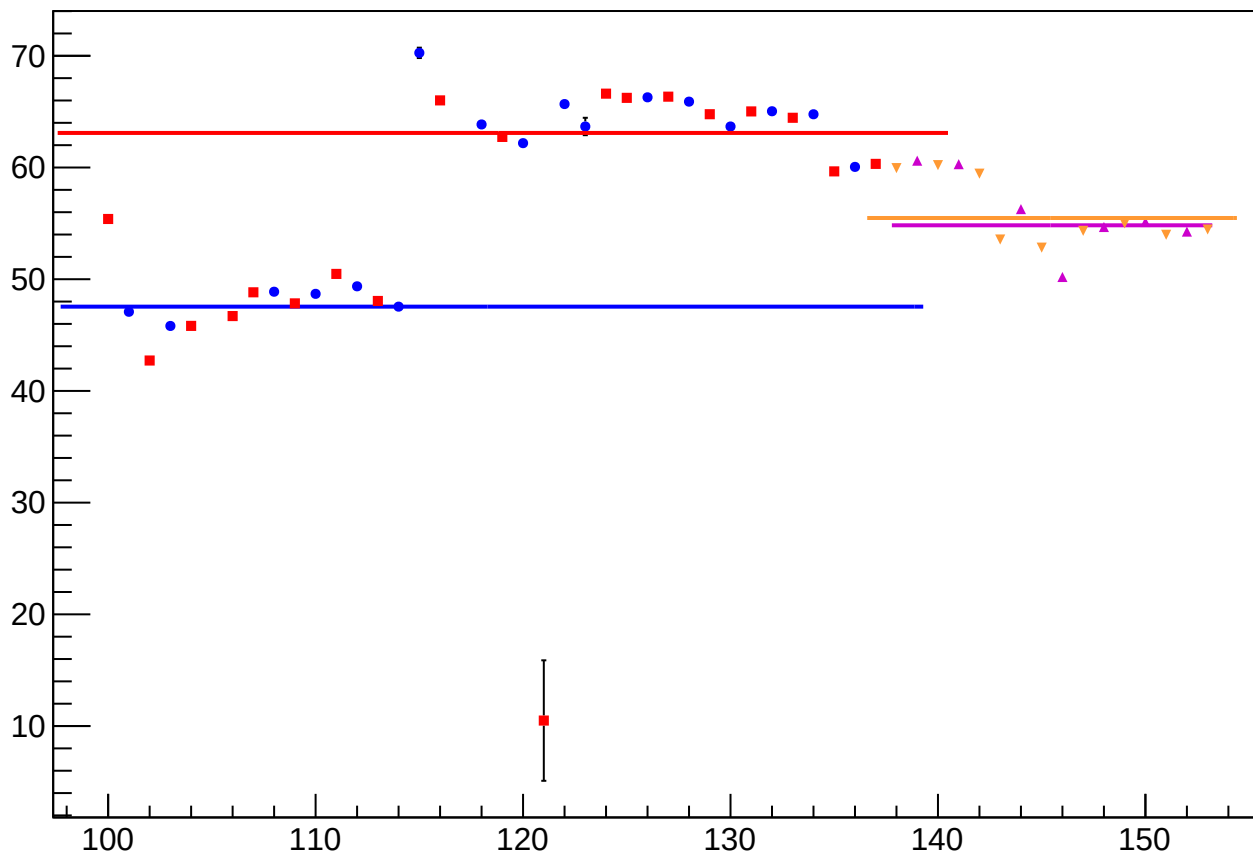
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -50.143 $\pm$ 0.001 χ^2 /NDF: 1493656.8/23

Out: -50.493 $\pm$ 0.002 χ^2 /NDF: 1520982.9/27

All: -50.290 $\pm$ 0.001 χ^2 /NDF: 3044397.1/51

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 55.481+/-0.005 χ^2/NDF : 216045.3/8

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

Left In: 54.827+/-0.004 χ^2/NDF : 74259.2/6

Left: 55.086+/-0.003 χ^2/NDF : 300745.7/15

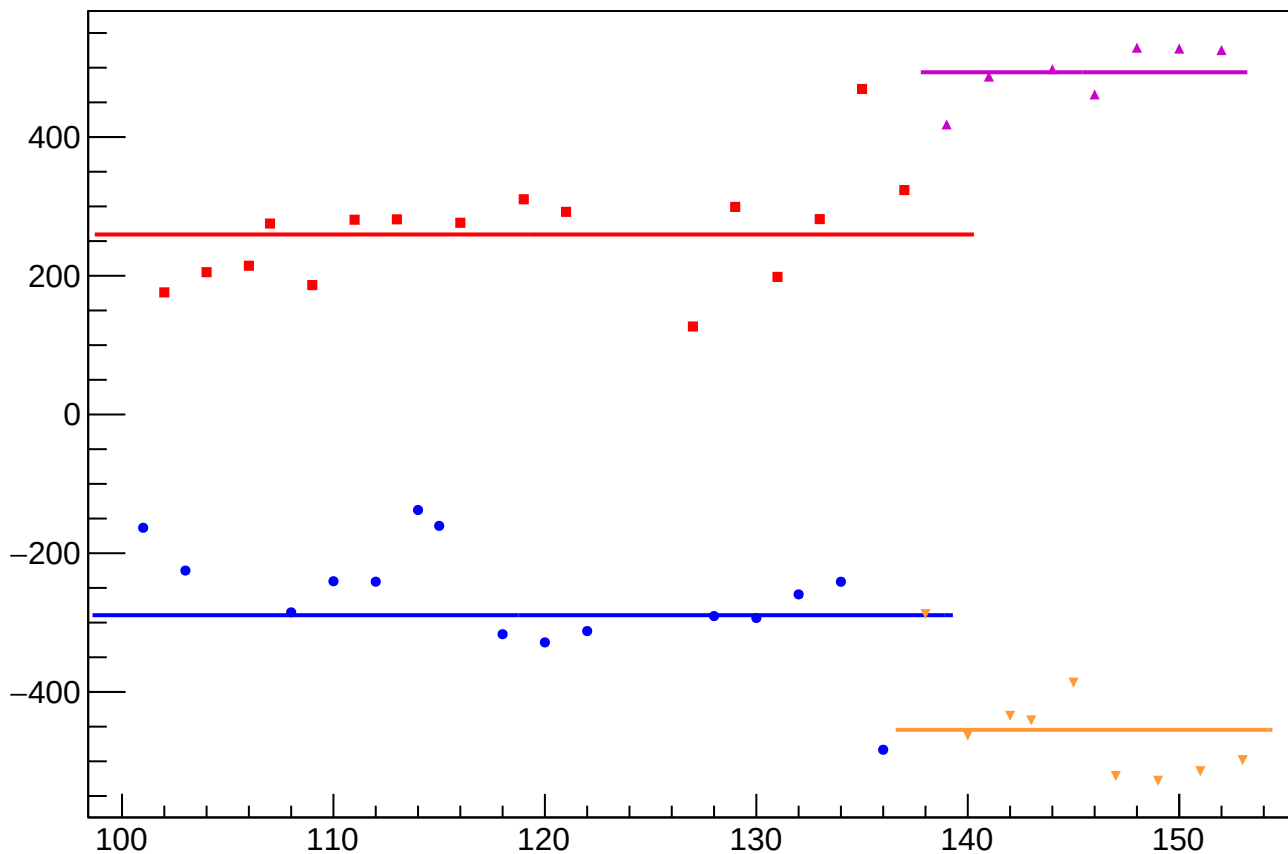
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF : 6837297.3/23

Out: 57.815+/-0.004 χ^2/NDF : 1269664.6/27

All: 47.545+/-0.000 χ^2/NDF : 14268026.9/51

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000

χ^2/NDF : 53696816404891478649585392183934976.0/14

Left Out: -454.618+/-0.000

χ^2/NDF : 3820083099758456706716812057117720576.0/8

Right Out: 259.558+/-0.000

χ^2/NDF : 4299886792692123970784563983770714112.0/15

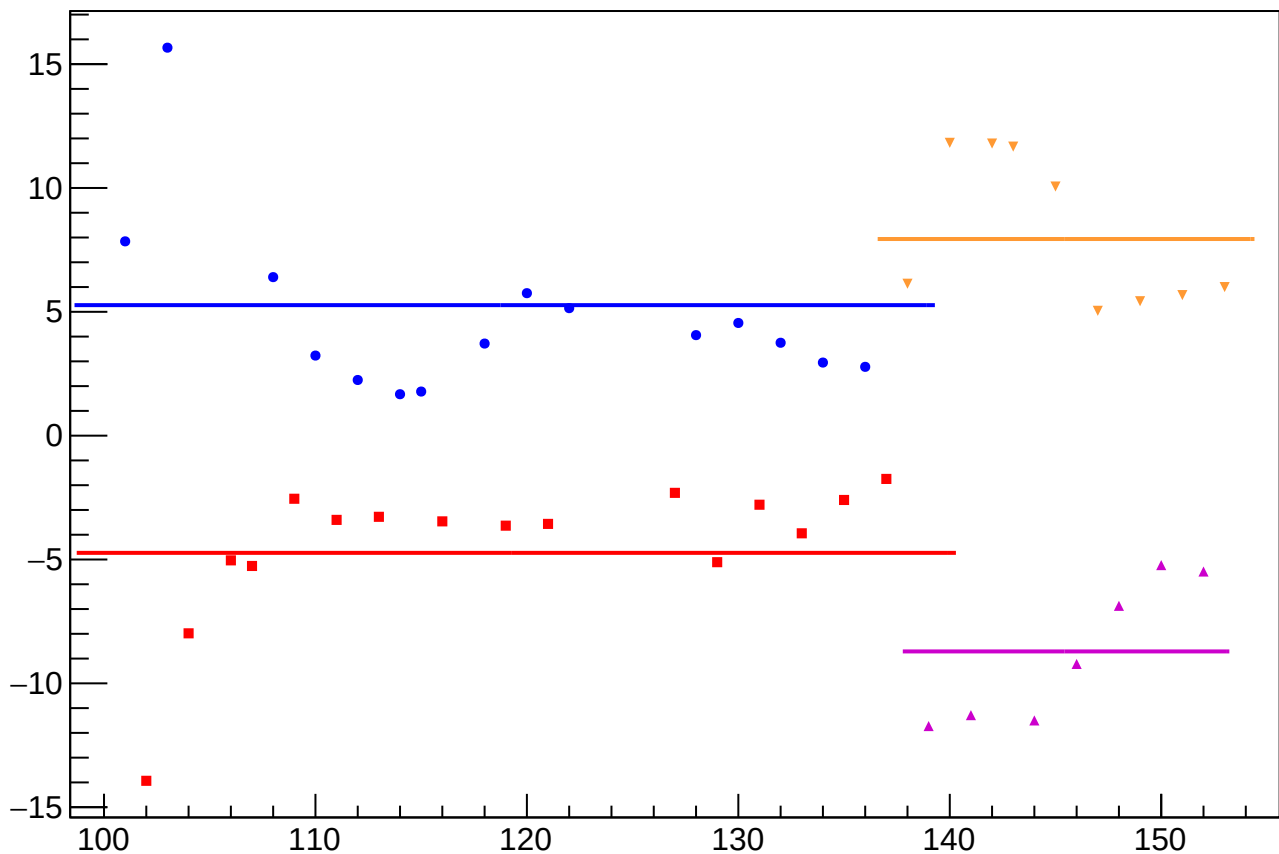
Left In: 493.425+/-0.000

χ^2/NDF : 848263418681921501466616446746361856.0/6

All: -10.340+/-0.000

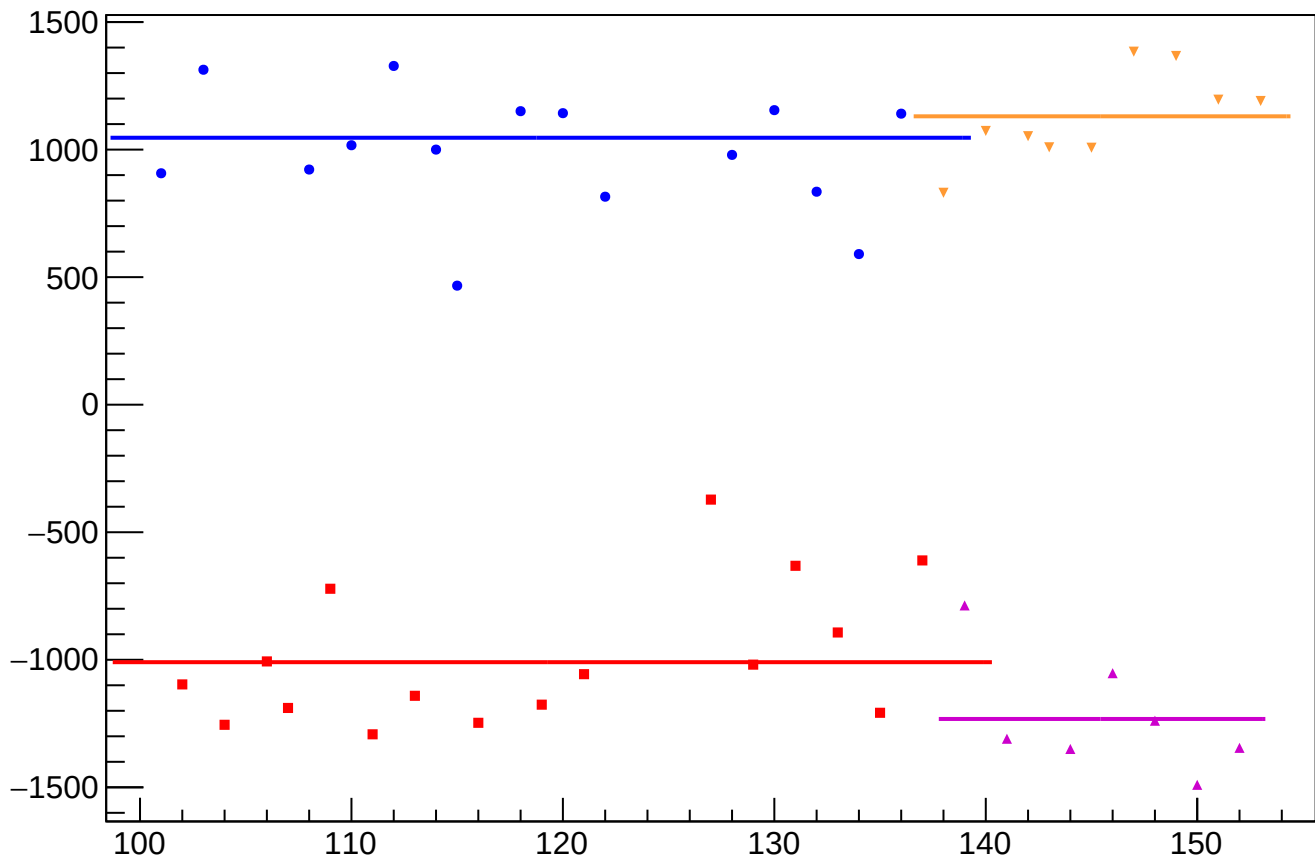
χ^2/NDF : 399530617504

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



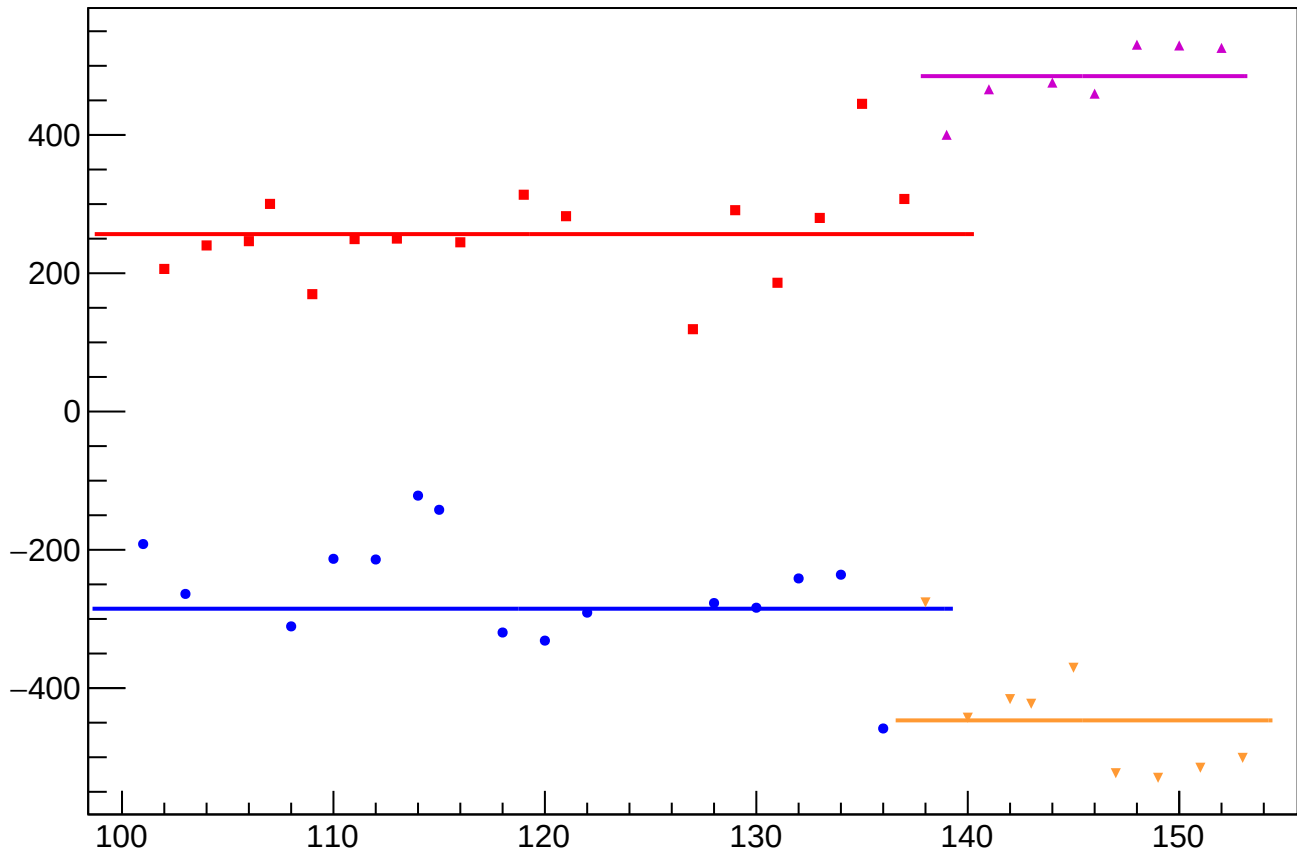
Right In: 5.270 $\pm$ 0.000 χ^2 /NDF: 8709683292123798330550906790084608.0/14
 Left Out: 7.939 $\pm$ 0.000 χ^2 /NDF: 5370982902214634408606015695093760.0/8
 Right Out: -4.732 $\pm$ 0.000 χ^2 /NDF: 6856893072575211562802281426452480.0/15
 Left In: -8.711 $\pm$ 0.000 χ^2 /NDF: 4305517411783421012997986400075776.0/6
 All: 0.162 $\pm$ 0.000 χ^2 /NDF: 14639952117338

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -446.692+/-0.000

χ^2/NDF : 4469158600254348137658935350558457856.0/8

Right Out: 256.599+/-0.000

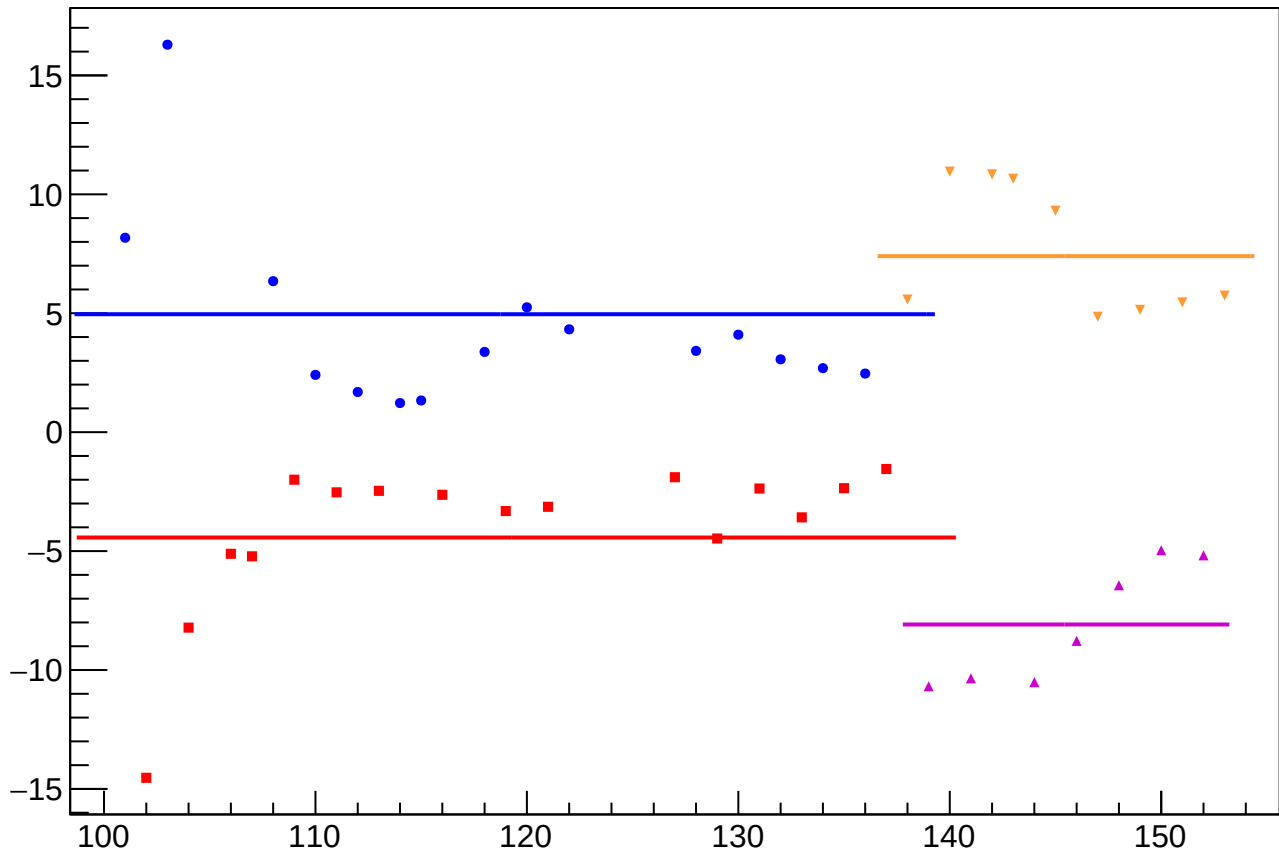
χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: 485.071+/-0.000

χ^2/NDF : 1172262325387306974703768679393263616.0/6

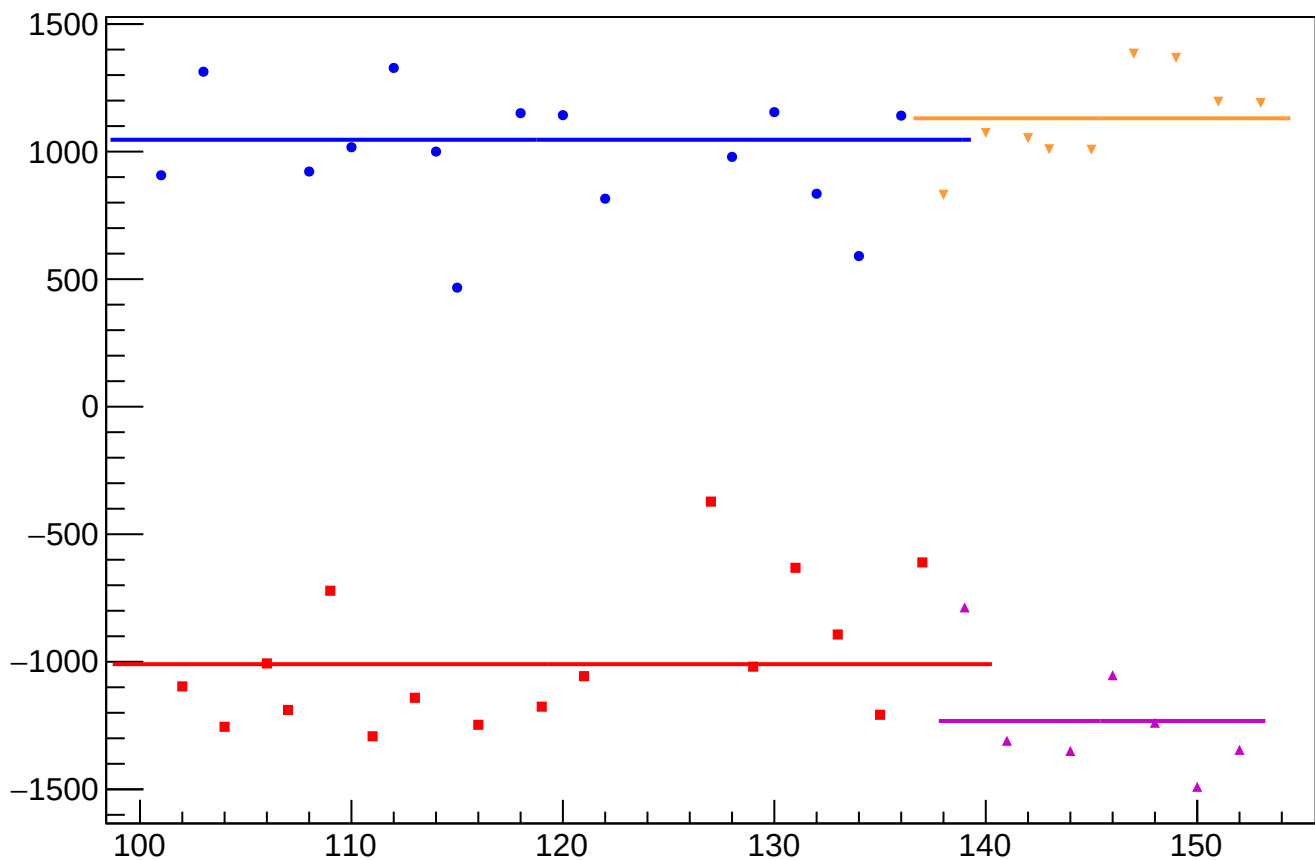
All: -9.927+/-0.000 χ^2/NDF : 3866755130644

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959 $\pm$ 0.000 χ^2 /NDF: 10465467057143371817371681641463808.0/14
 Left Out: 7.402 $\pm$ 0.000 χ^2 /NDF: 4304215554772747114764111496347648.0/8
 Right Out: -4.429 $\pm$ 0.000 χ^2 /NDF: 8371440400334524571131796772618240.0/15
 Left In: -8.086 $\pm$ 0.000 χ^2 /NDF: 3396442059738156999511820652773376.0/6
 All: 0.166 $\pm$ 0.000 χ^2 /NDF: 13188460195498

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000

χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: -1009.445+/-0.000

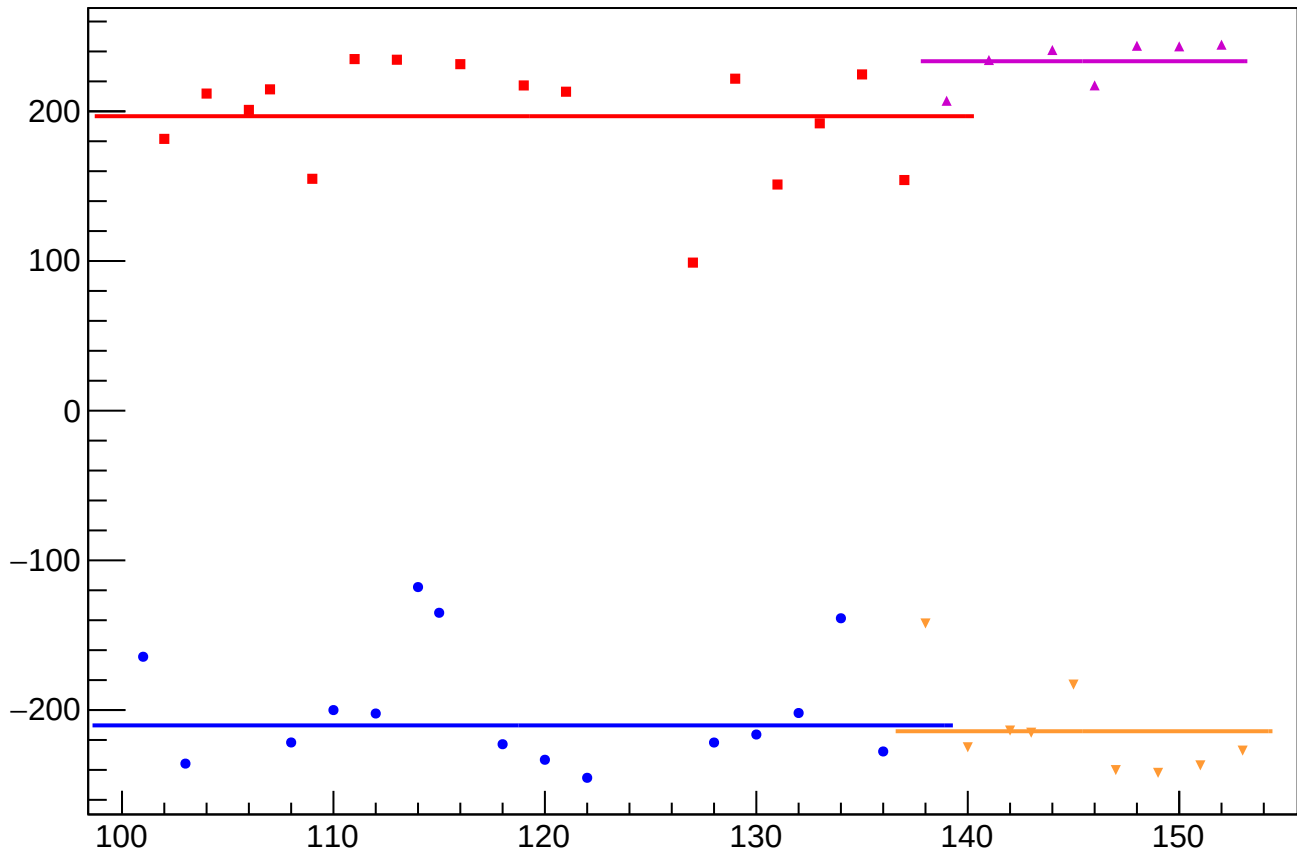
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -214.167+/-0.000

χ^2/NDF : 664441194372774872097203290606927872.0/8

Right Out: 196.736+/-0.000

χ^2/NDF : 909588895093044840633640514790359040.0/15

Left In: 233.464+/-0.000

χ^2/NDF : 111753815774076909822344129272610816.0/6

Left: -4.012+/-0.000 χ^2/NDF : 64557160333870465

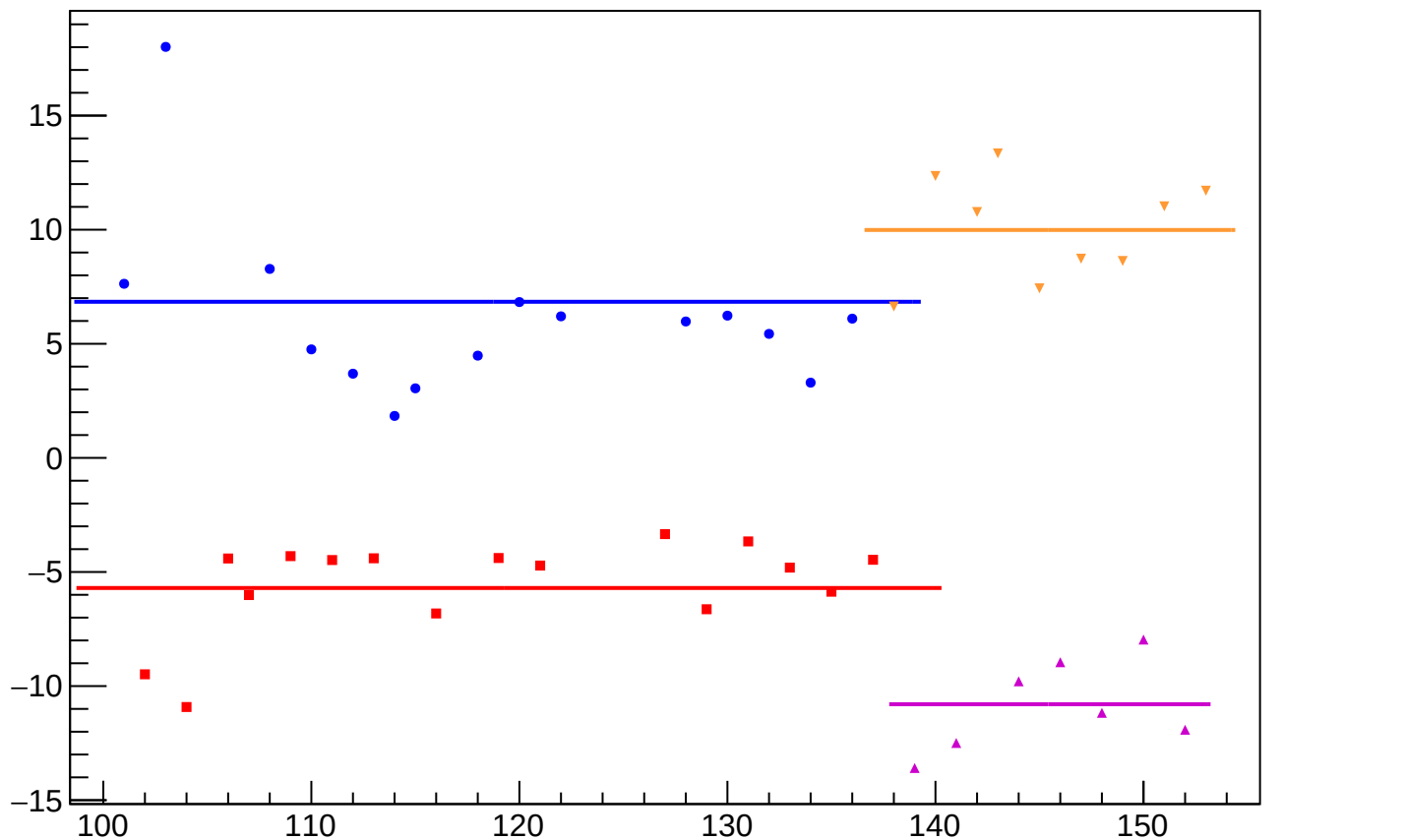
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: 2.897+/-0.000 χ^2/NDF : 6206454391431856007

Out: -10.396+/-0.000 χ^2/NDF : 5834326830791830

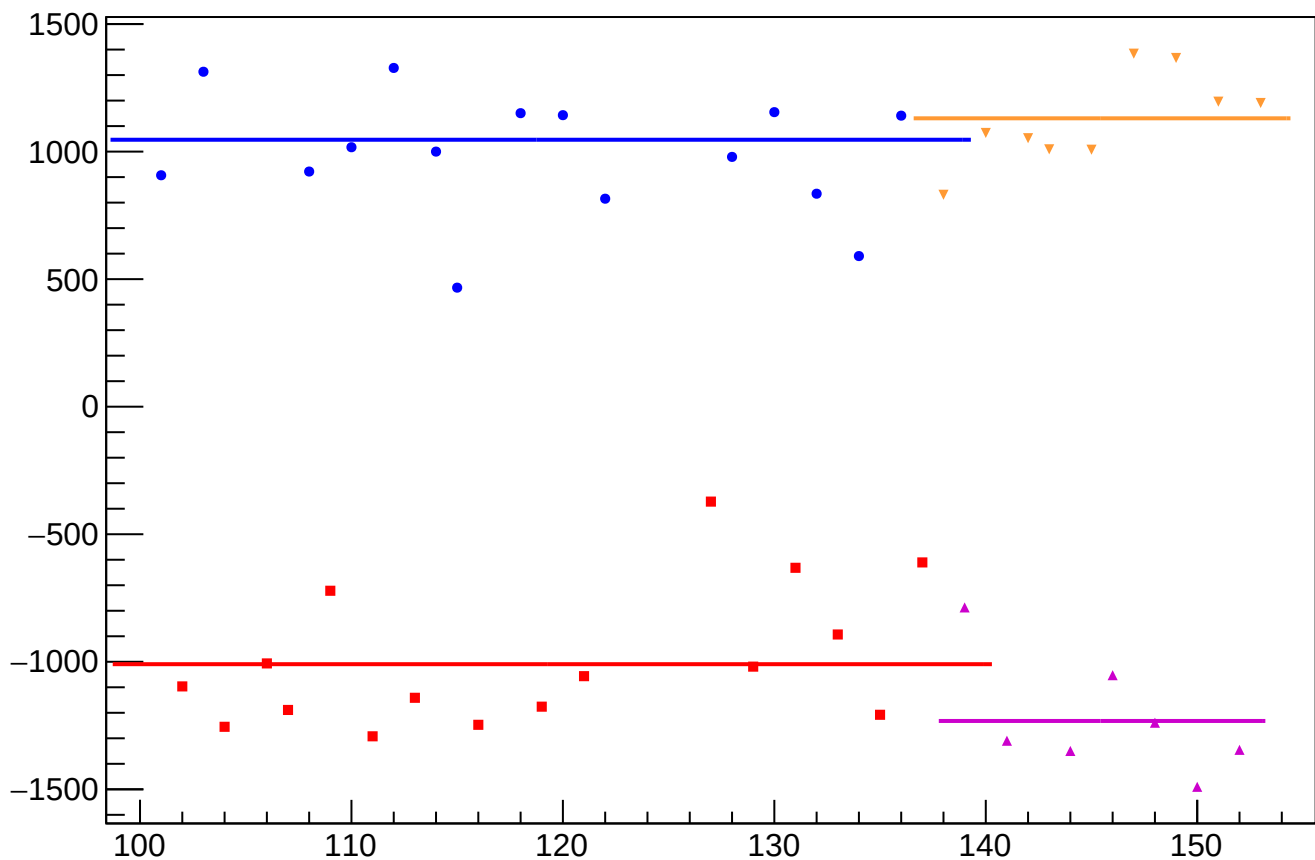
All: -3.995+/-0.000 χ^2/NDF : 1205222472046

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



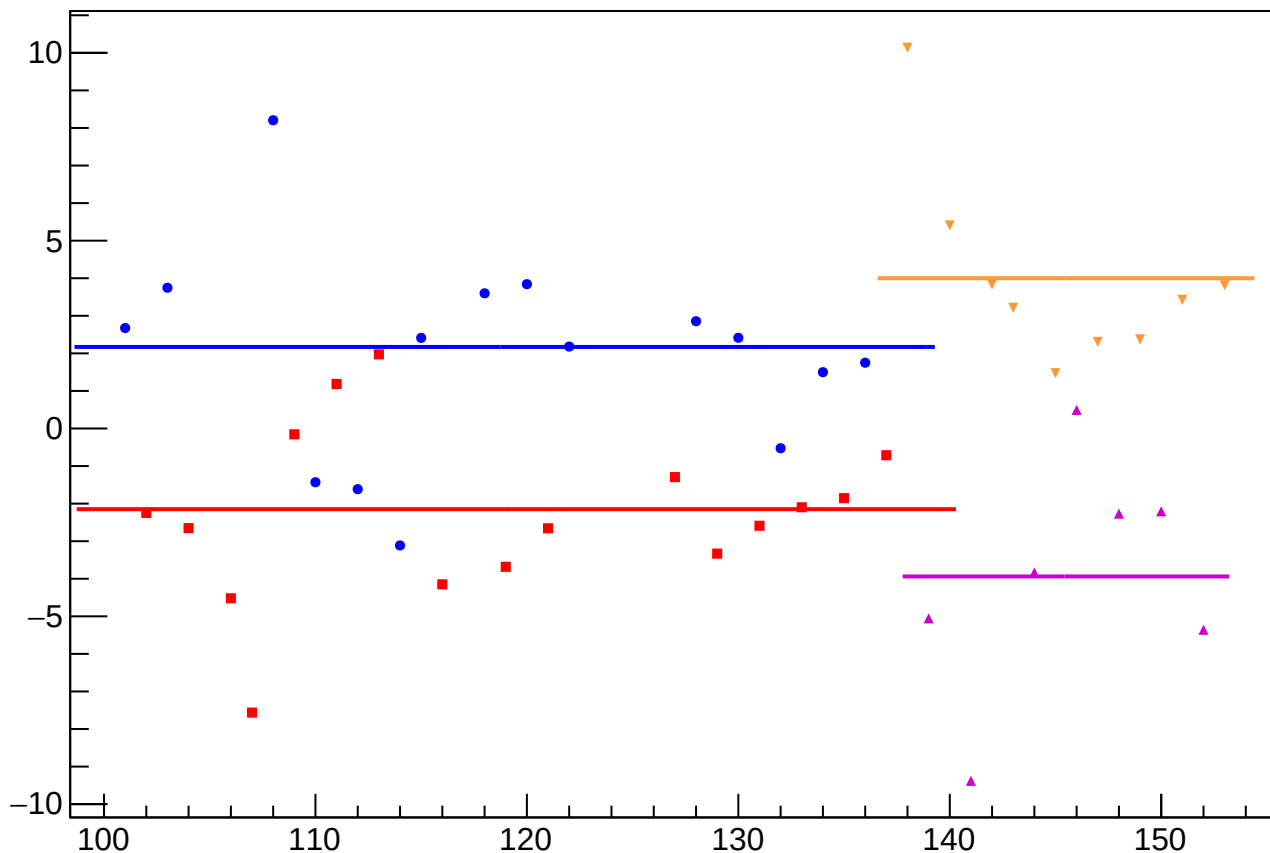
Left: 0.231 +/- 0.000 χ^2/NDF : 14284665415847010
 Right: 0.484 +/- 0.000 χ^2/NDF : 64278461955509291
 In: -1.630 +/- 0.000 χ^2/NDF : 108423479025267973
 Out: 2.208 +/- 0.000 χ^2/NDF : 892027478400353088
 All: 0.360 +/- 0.000 χ^2/NDF : 20716670589925

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



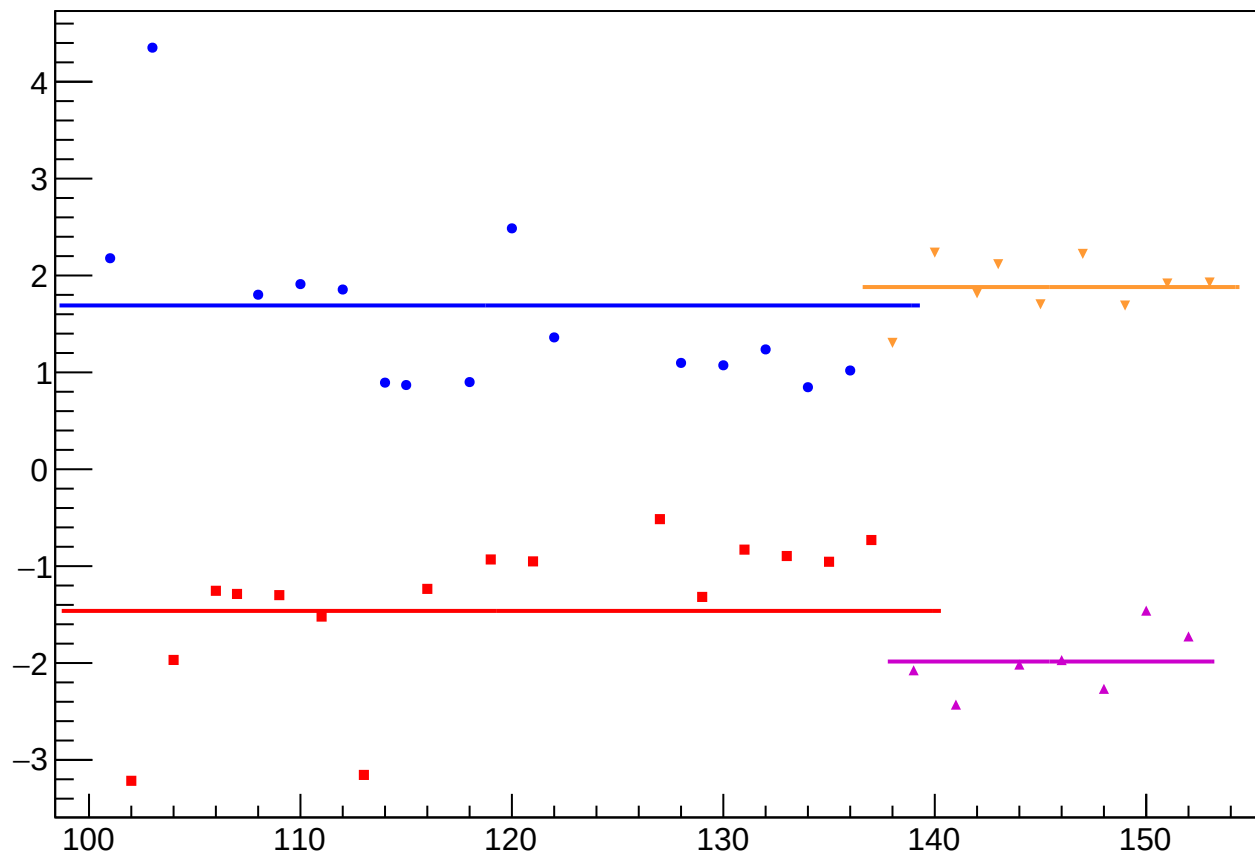
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_4aY_coil1_mean vs Slug, Sign Corrected



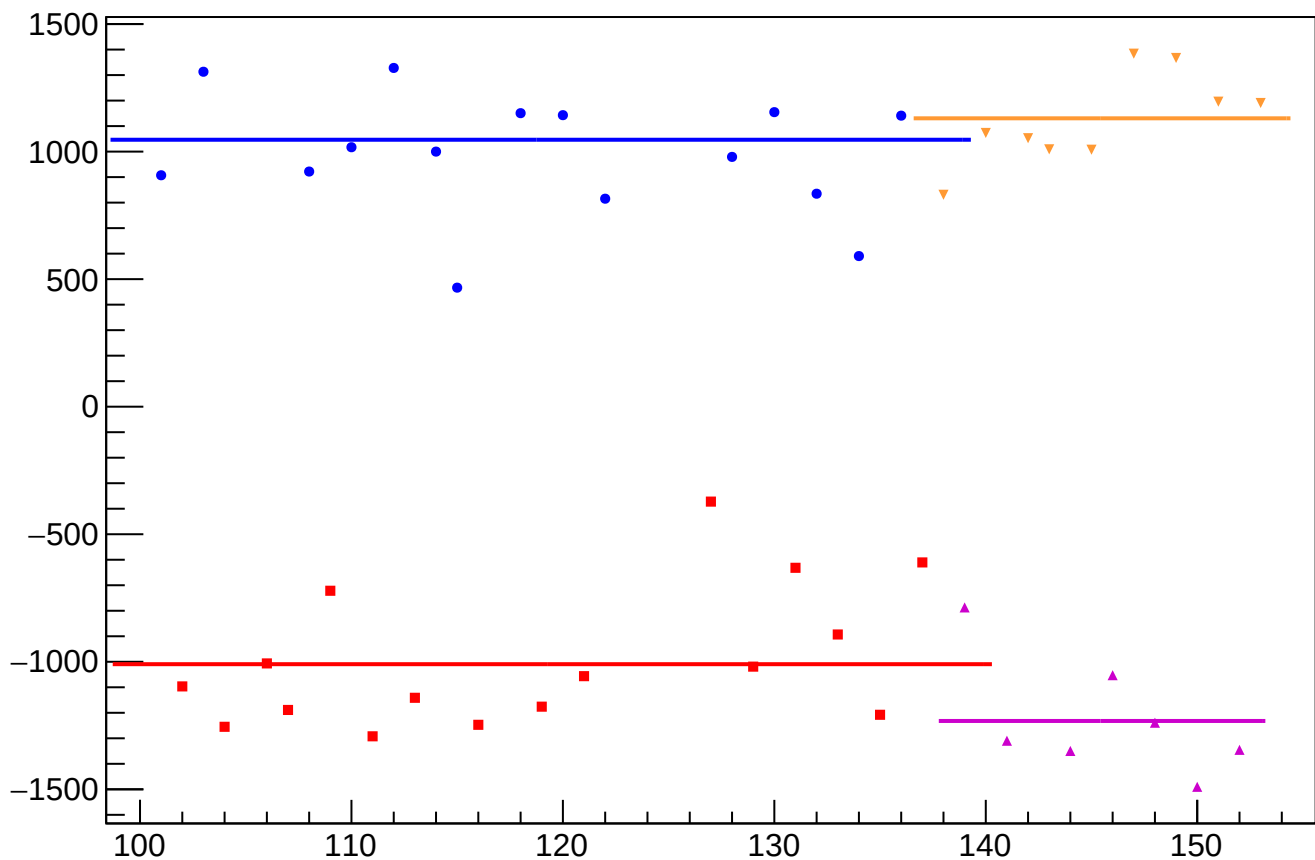
Left: 0.273+/-0.000 χ^2/NDF : 291301186471249784
 Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Right: -0.018+/-0.000 χ^2/NDF : 1282950255194488
 Left Out: 4.000+/-0.000 χ^2/NDF : 4136107227409683907700497158504448.0/8
 In: -0.764+/-0.000 χ^2/NDF : 201718259816476428
 Right Out: -2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Out: 0.951+/-0.000 χ^2/NDF : 199372540592208638
 Left In: -3.939+/-0.000 χ^2/NDF : 4932488532508748812740884688797696.0/6
 All: 0.126+/-0.000 χ^2/NDF : 42014359572512

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



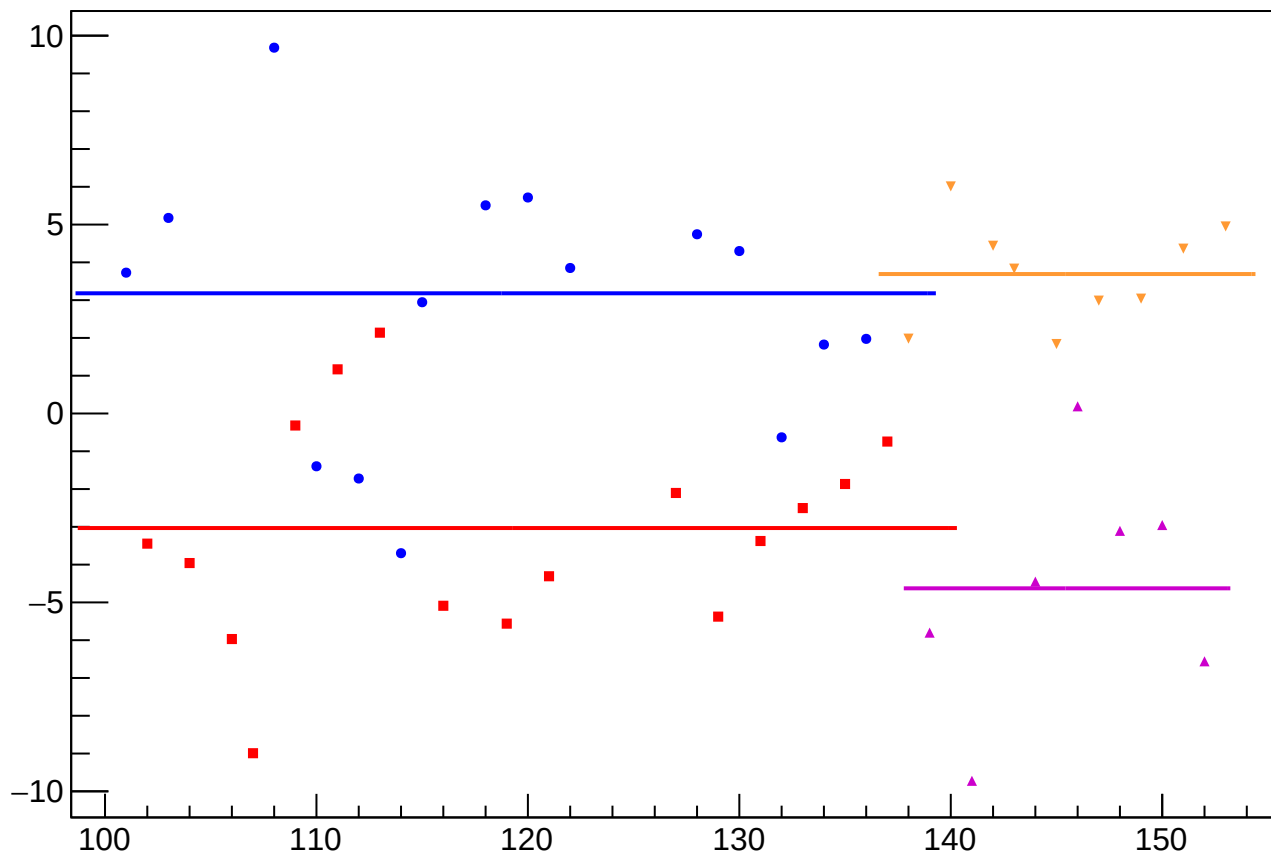
Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14
 Left Out: 1.881 $\pm$ 0.000 χ^2 /NDF: 55203508410559656762088255127552.0/8
 Right Out: -1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15
 Left In: -1.985 $\pm$ 0.000 χ^2 /NDF: 55193607612551876974439009615872.0/6
 All: 0.080 $\pm$ 0.000 χ^2 /NDF: 9192911352456

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



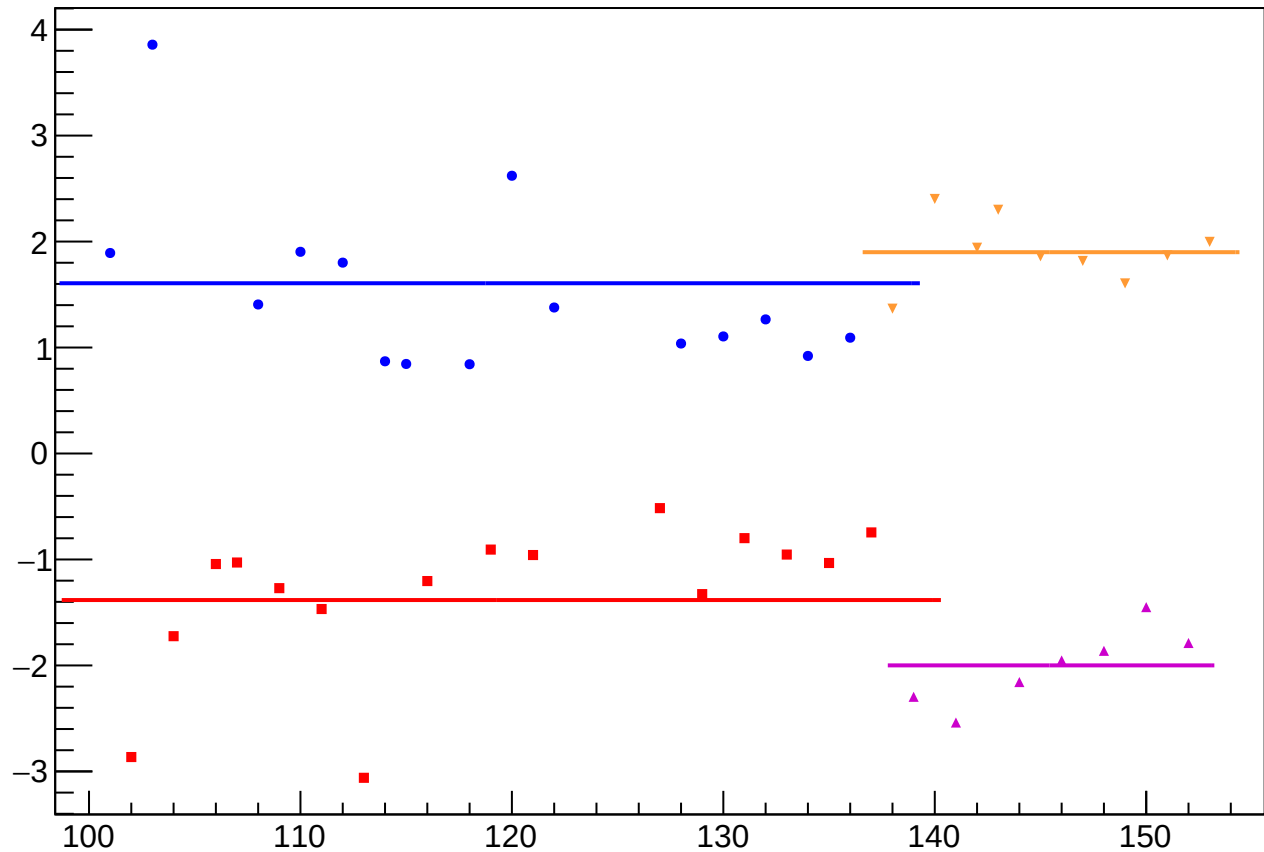
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_4eY_coil1_mean vs Slug, Sign Corrected



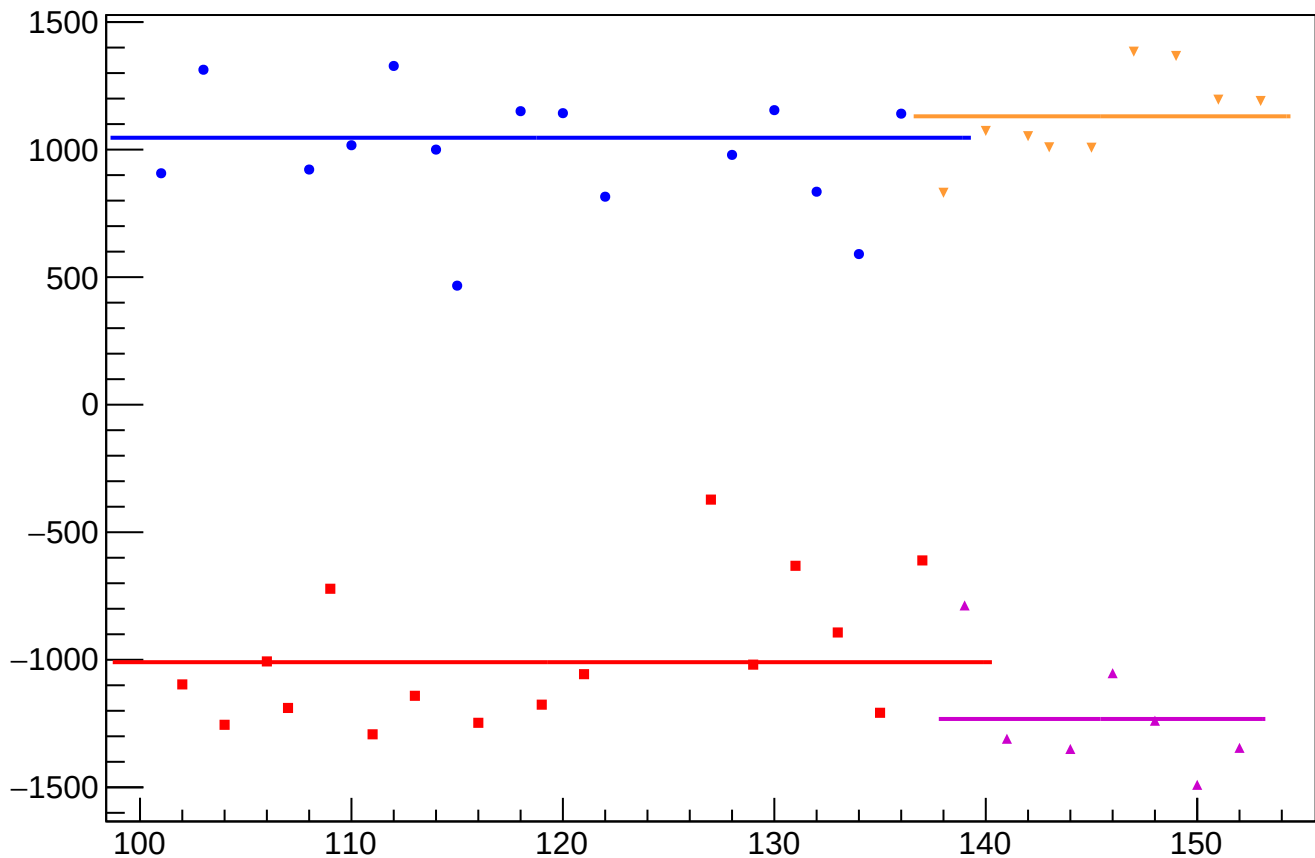
Right In: 3.181 ± 0.000 $\chi^2/\text{NDF}: 5833303227868252617704566394191872.0/14$
 Left Out: 3.691 ± 0.000 $\chi^2/\text{NDF}: 1217891171840190127780942181302272.0/8$
 Right Out: -3.032 ± 0.000 $\chi^2/\text{NDF}: 4937209831371793945496546833334272.0/15$
 Left In: -4.627 ± 0.000 $\chi^2/\text{NDF}: 5020388992873274753518769696407552.0/6$
 All: -0.089 ± 0.000 $\chi^2/\text{NDF}: 5177076039425$

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.607 ± 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 1.900 ± 0.000 χ^2/NDF : 62498054609315238266247015563264.0/8
 Right Out: -1.383 ± 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -1.999 ± 0.000 χ^2/NDF : 67182142142670078908253396271104.0/6
 All: 0.080 ± 0.000 χ^2/NDF : 87283800987125

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000

χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: -1009.445+/-0.000

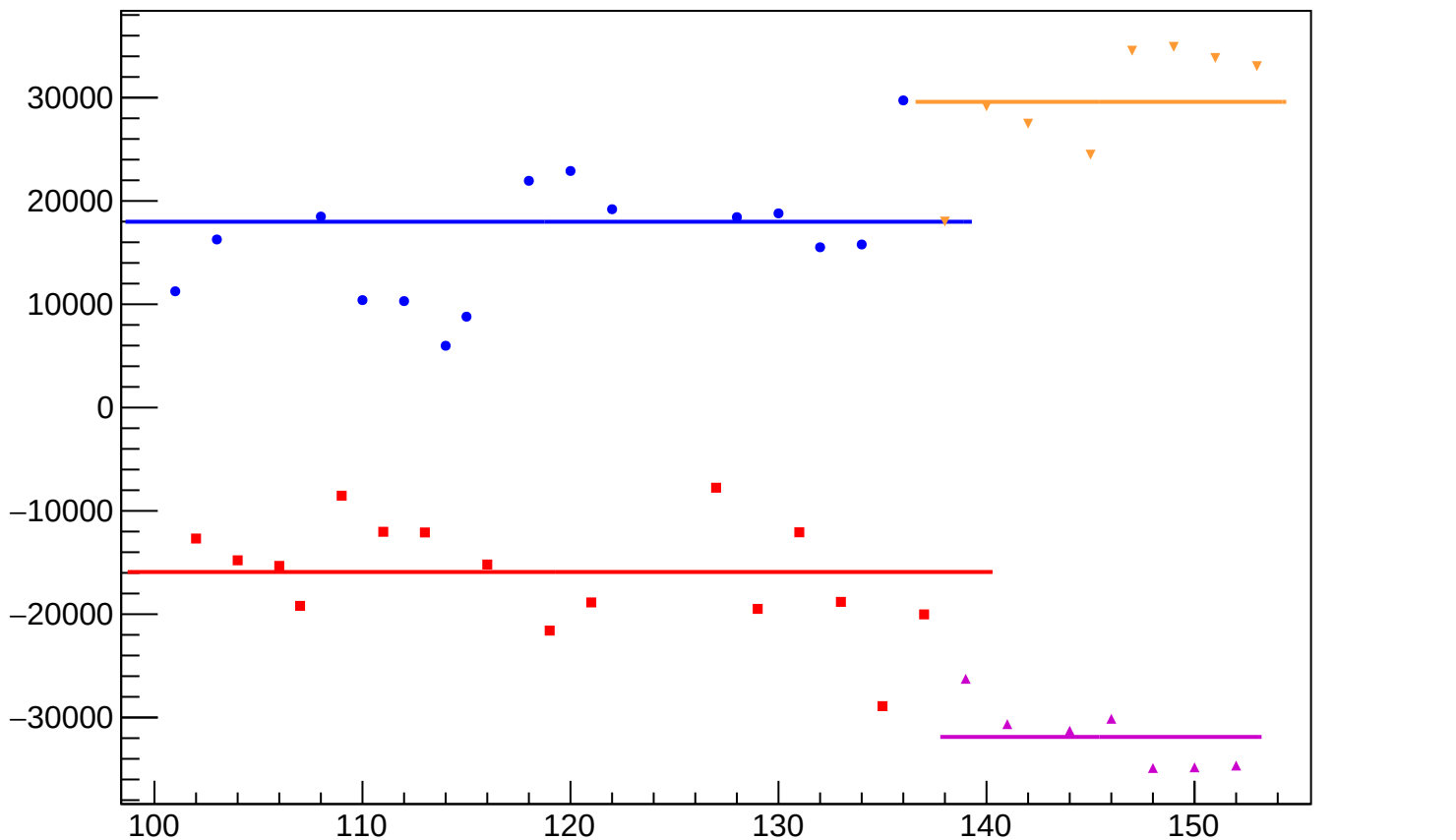
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

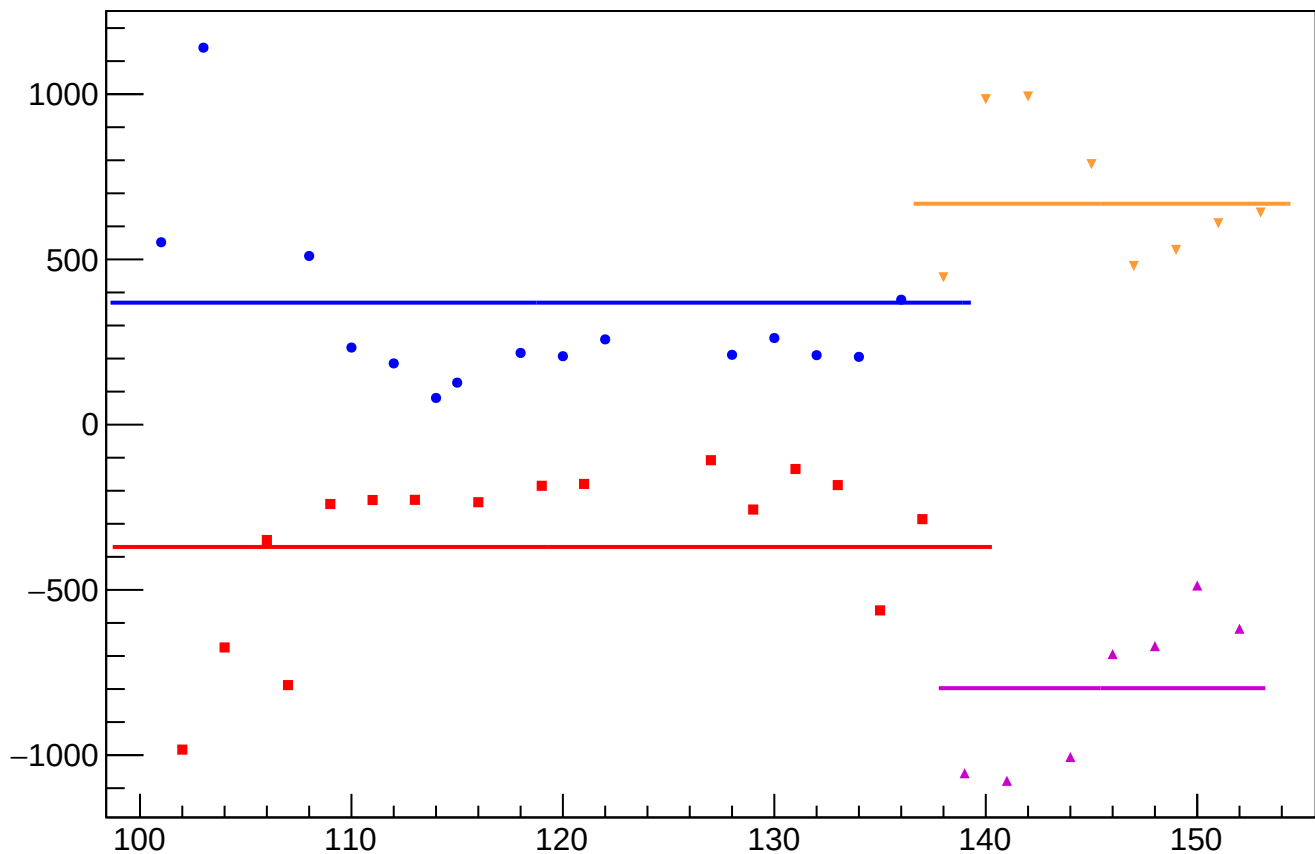
All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_usl_coil1_mean vs Slug, Sign Corrected



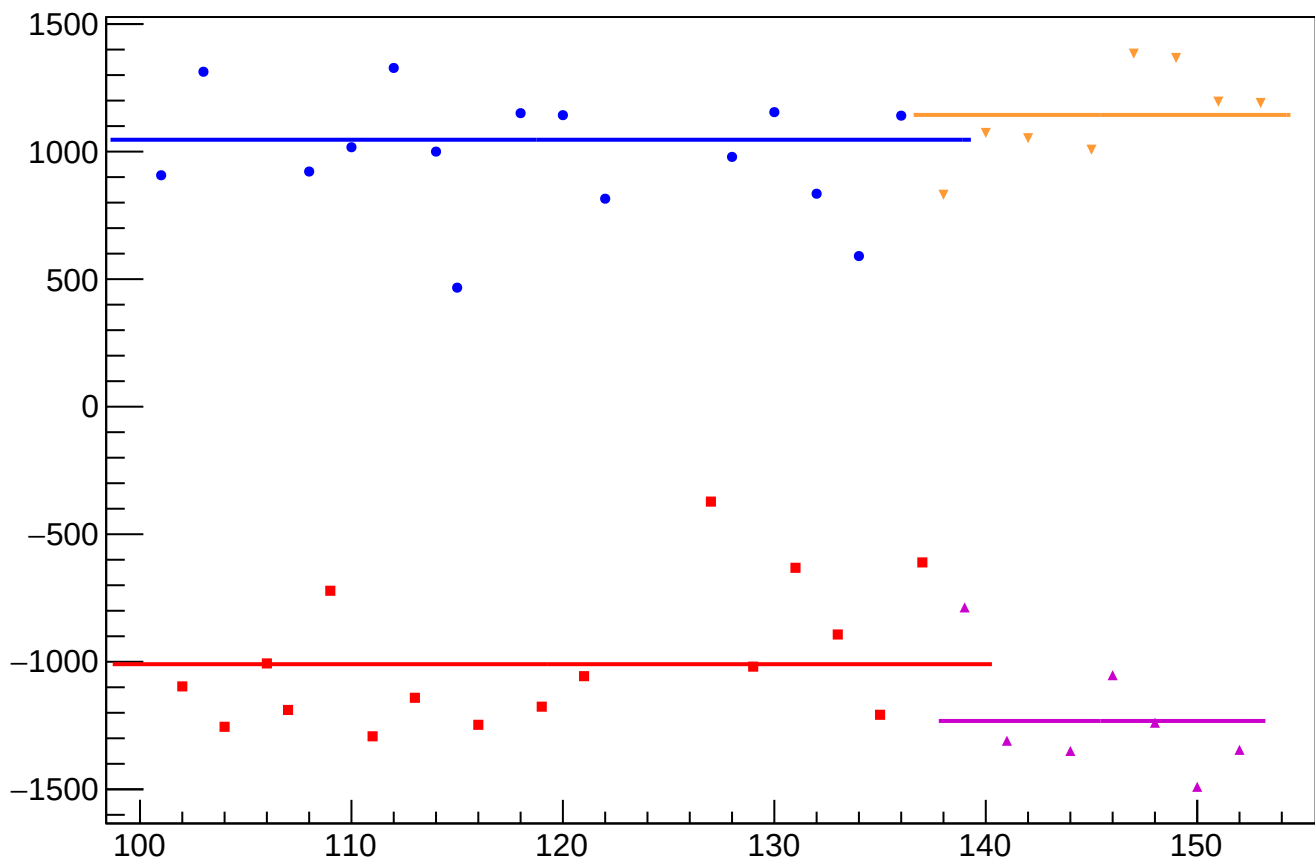
Right In: 17988.185 $\pm$ 0.000 χ^2 /NDF: 24815111809984217103544001237552952508416.0/14
 Left Out: 29594.425 $\pm$ 0.000 χ^2 /NDF: 19511239887479858354282520564528846995456.0/7
 Right Out: -15915.227 $\pm$ 0.000 χ^2 /NDF: 19954189674705952707042287416087223992320.0/15
 Left In: -31880.730 $\pm$ 0.000 χ^2 /NDF: 5201947919362657689264974241223751499776.0/6
 All: 4.998 $\pm$ 0.000 χ^2 /NDF: 15933905638008

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 668.454+/-0.000 χ^2/NDF : 22828032755854753699354463972244848640.0/7
 Right Out: -370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: -797.383+/-0.000 χ^2/NDF : 29740336544319297101407296331660132352.0/6
 All: -30.576+/-0.000 χ^2/NDF : 980785129062

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1143.820+/-0.000

χ^2/NDF : 19022286139170430858050564231889158144.0/7

Right Out: -1009.445+/-0.000

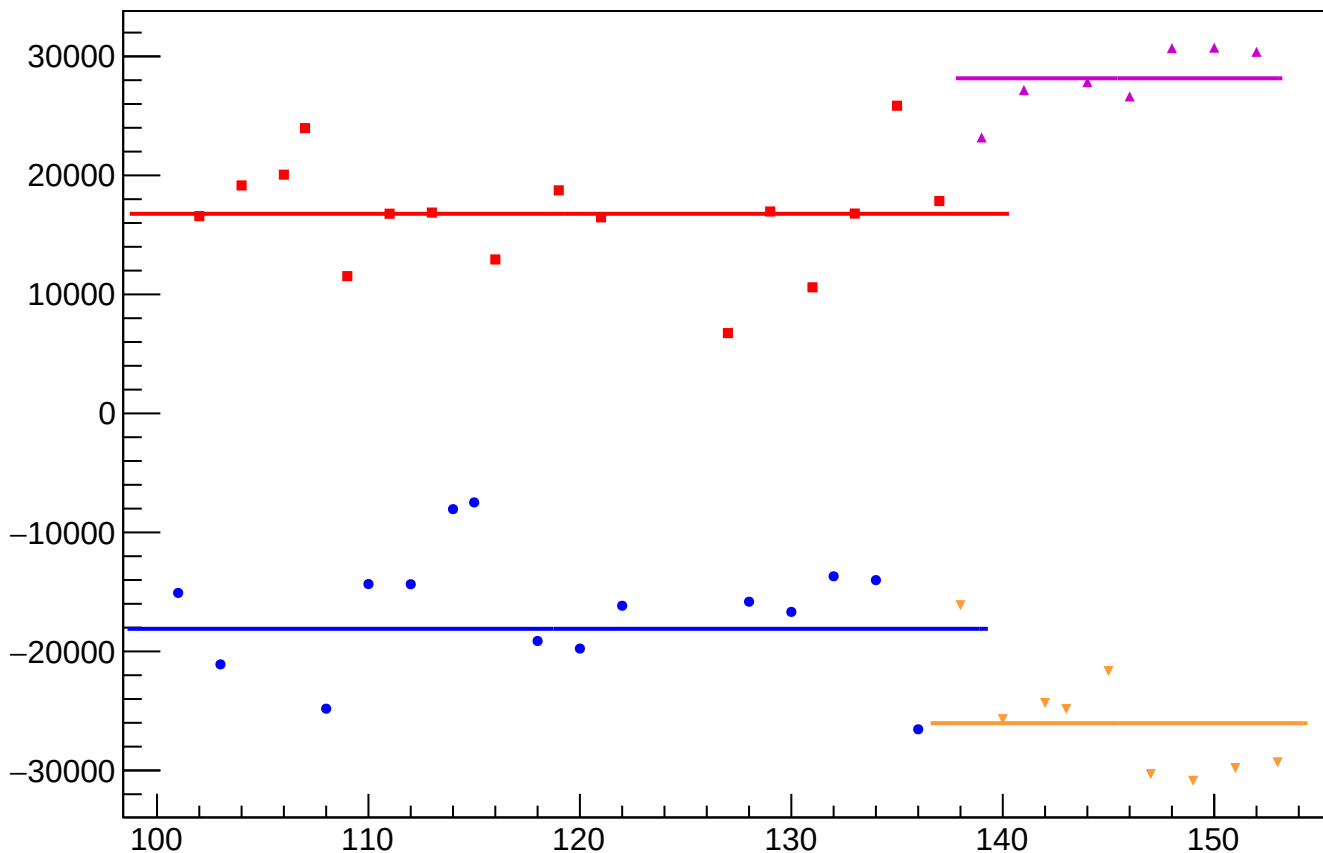
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

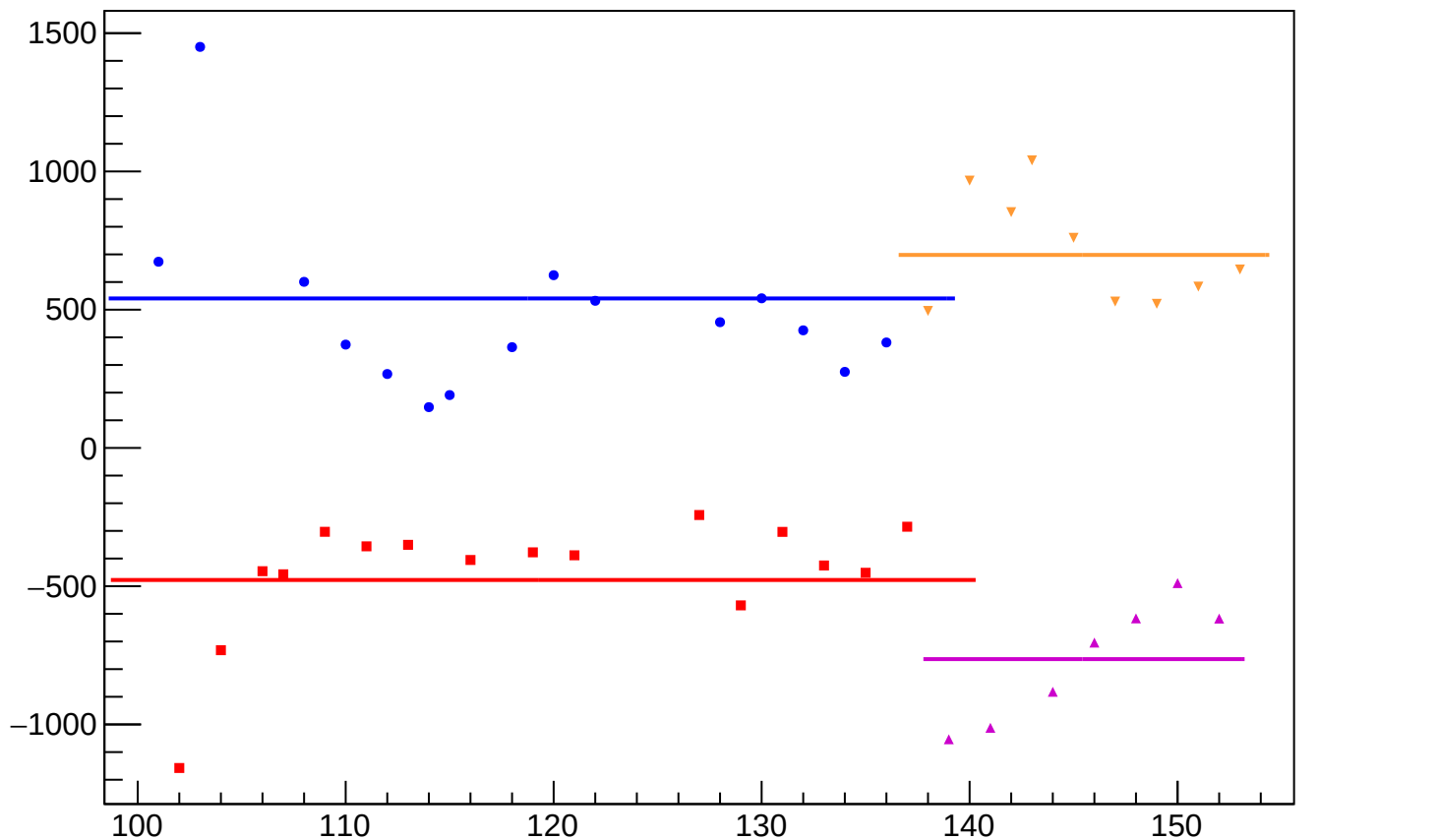
All: -13.642+/-0.000 χ^2/NDF : 321619989788

dit_usr_coil1_mean vs Slug, Sign Corrected



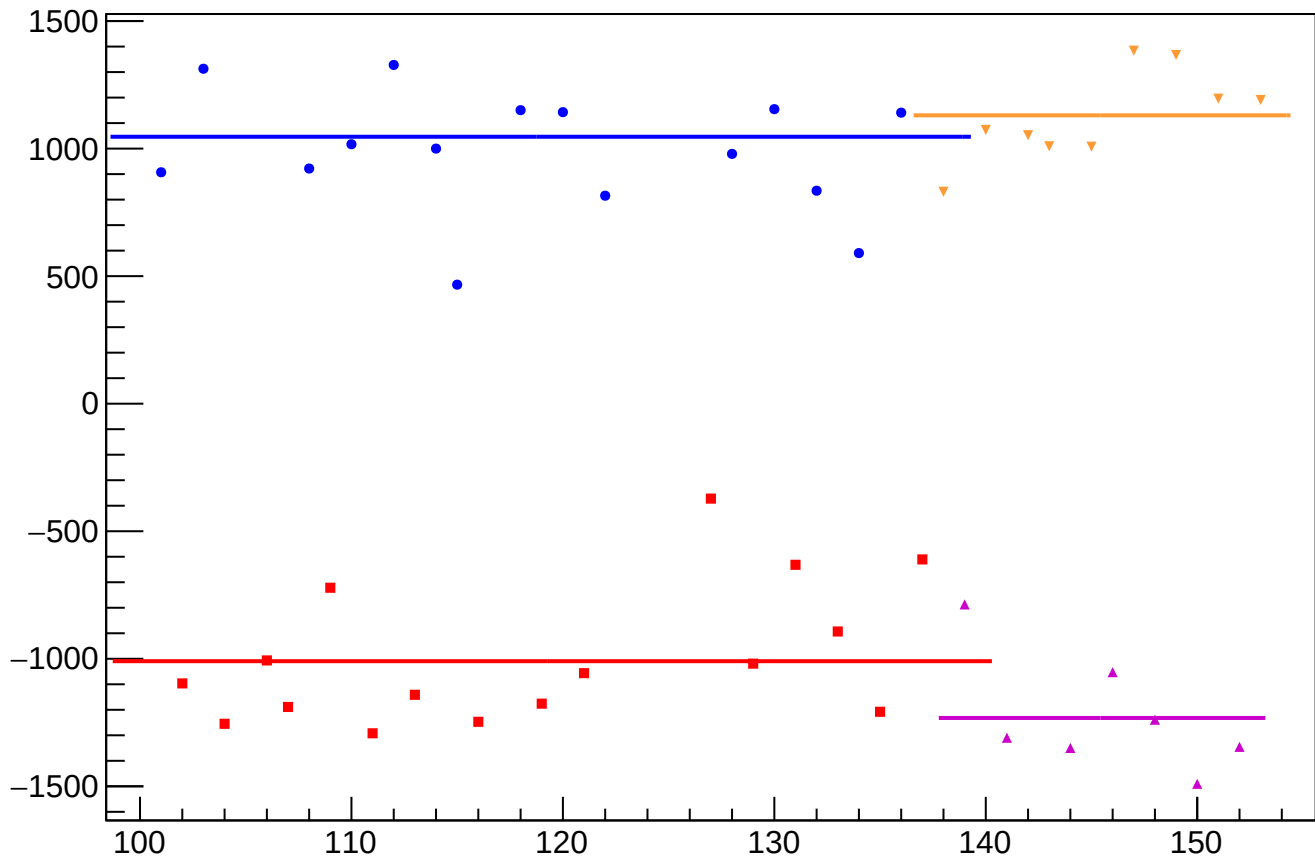
Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -26026.270+/-0.000 χ^2/NDF : 14867044981393266361677534582444757352448.0/8
 Right Out: 16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: 28158.818+/-0.000 χ^2/NDF : 3855954065667796005659745358294338764800.0/6
 All: -504.950+/-0.000 χ^2/NDF : 13822340243

dit_usr_coil1_err_mean vs Slug, Sign Corrected



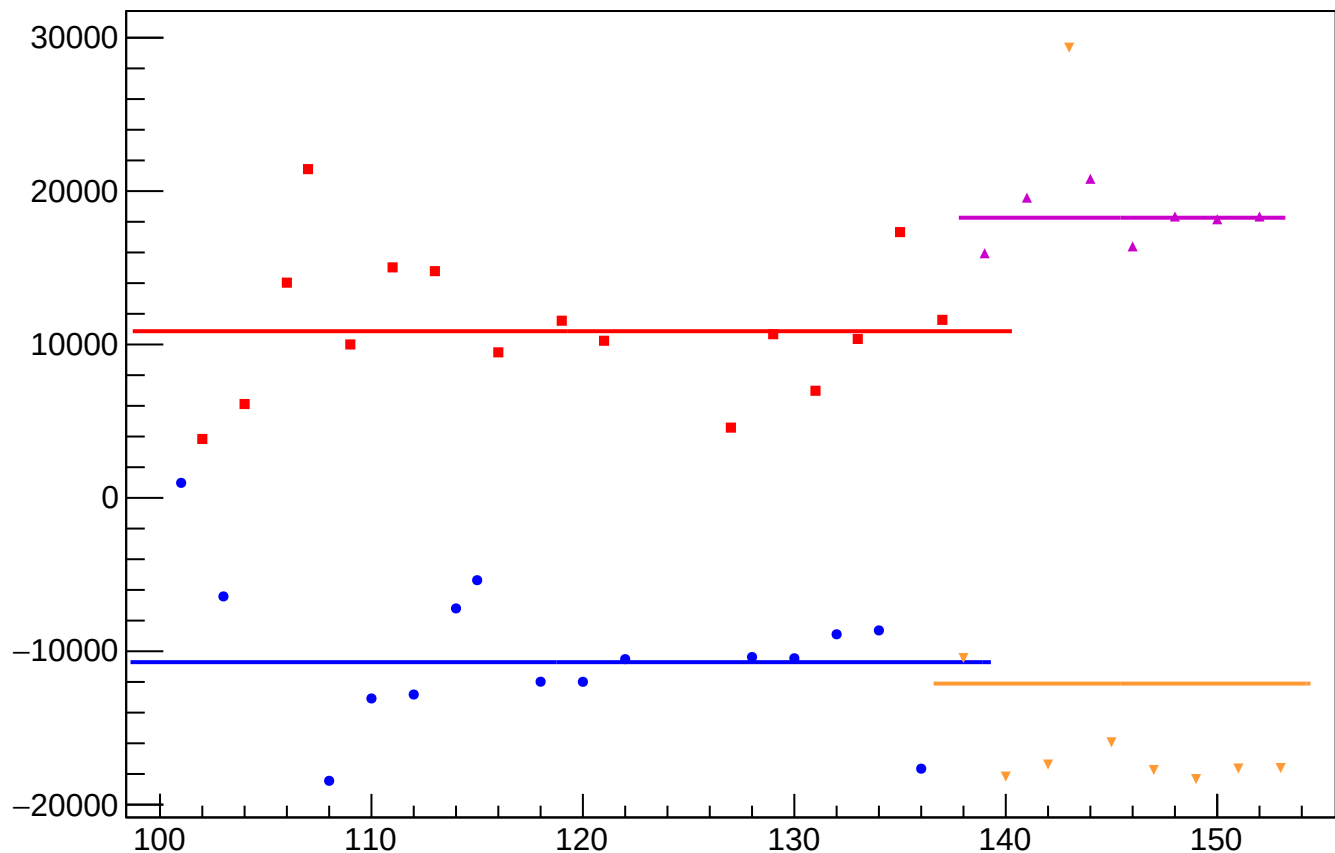
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14
 Left Out: 698.015+/-0.000 χ^2/NDF : 24458660585820048768267034305497137152.0/8
 Right Out: -477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15
 Left In: -763.732+/-0.000 χ^2/NDF : 24160531834885271071182636757318369280.0/6
 All: 18.266+/-0.000 χ^2/NDF : 1173231680457

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	Left: 21.326+/-0.000	χ^2/NDF : 18244187594941979
Left Out: 1130.493+/-0.000	χ^2/NDF : 20120490540226280517278959515063025664.0/8	Right: 4.462+/-0.000	χ^2/NDF : 14598494086105576
Right Out: -1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	In: -48.077+/-0.000	χ^2/NDF : 16711126710311259
Left In: -1232.033+/-0.000	χ^2/NDF : 27642589162015186881949234538999709696.0/6	Out: 69.274+/-0.000	χ^2/NDF : 16044214157712594
	All: 12.770+/-0.000		χ^2/NDF : 3284452547478

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

Left Out: -12107.270+/-0.000

Right Out: 10866.264+/-0.000

Left In: 18264.130+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

χ^2/NDF : 131536810583894942018766366208097771323392.0/8

χ^2/NDF : 14234762838858382484525901644131626647552.0/15

χ^2/NDF : 1444781475643644993733862103886059274240.0/6

Left: 2151.603+/-0.000 χ^2/NDF : 426597580131464

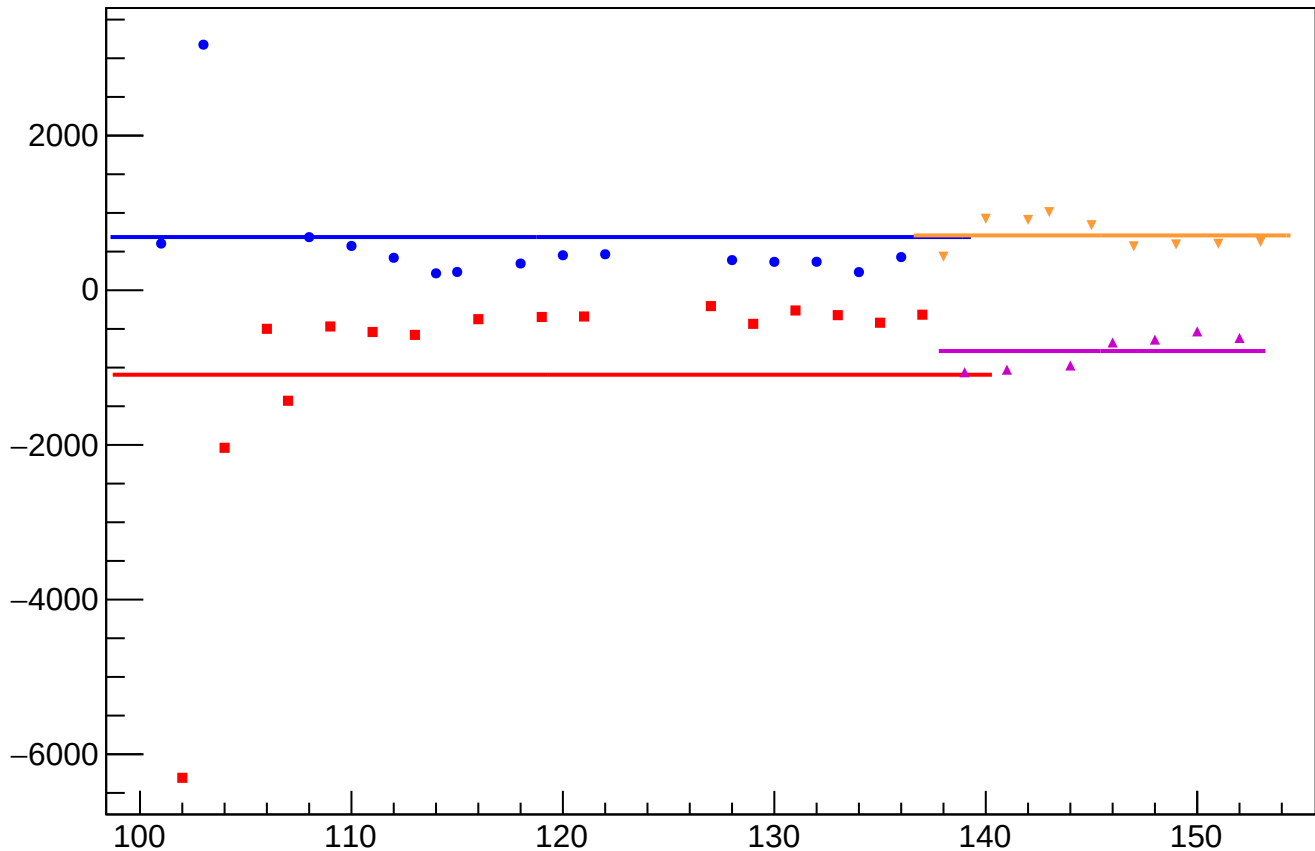
Right: 225.546+/-0.000 χ^2/NDF : 184316555733630

In: 3208.565+/-0.000 χ^2/NDF : 2801257802703110

Out: -714.447+/-0.000 χ^2/NDF : 323226817911287

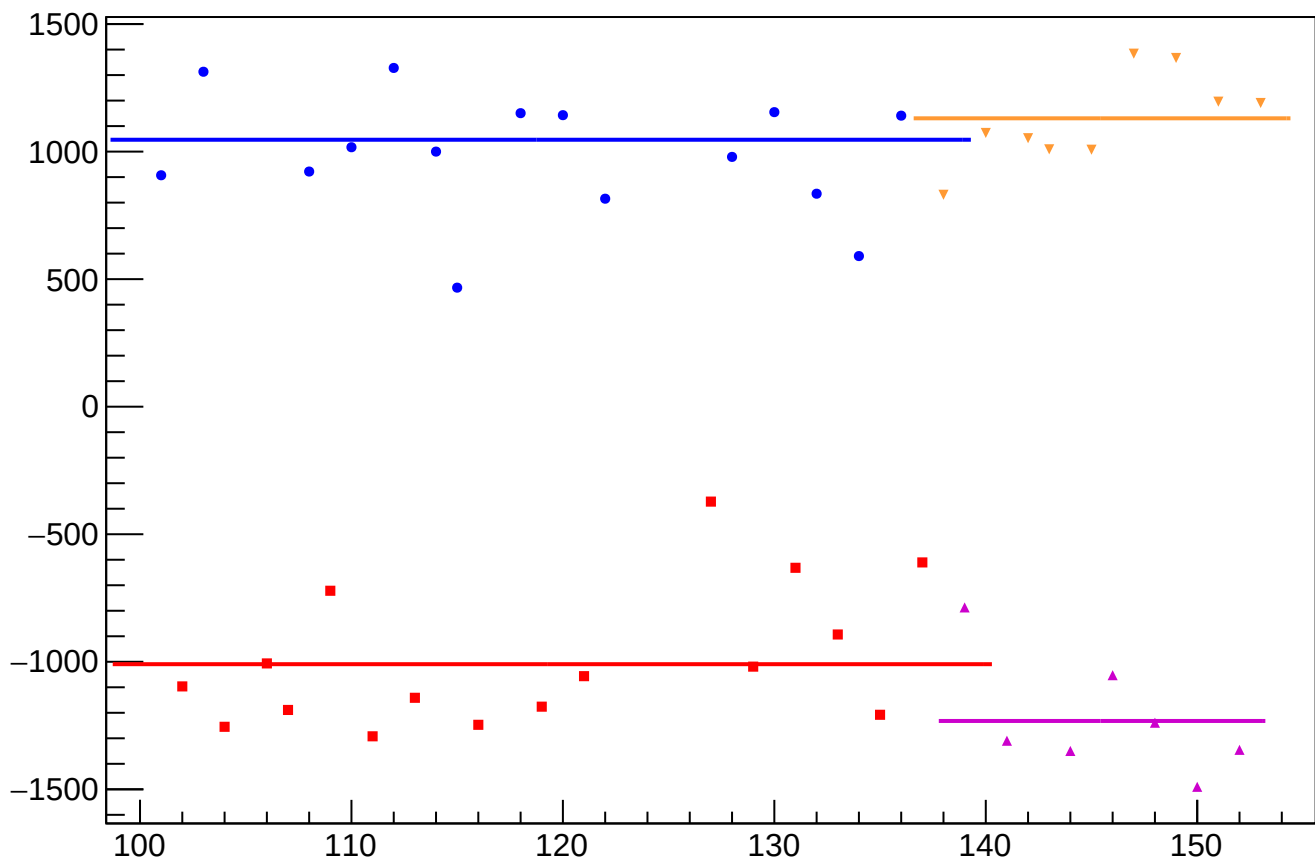
All: 1174.467+/-0.000 χ^2/NDF : 6133193588

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



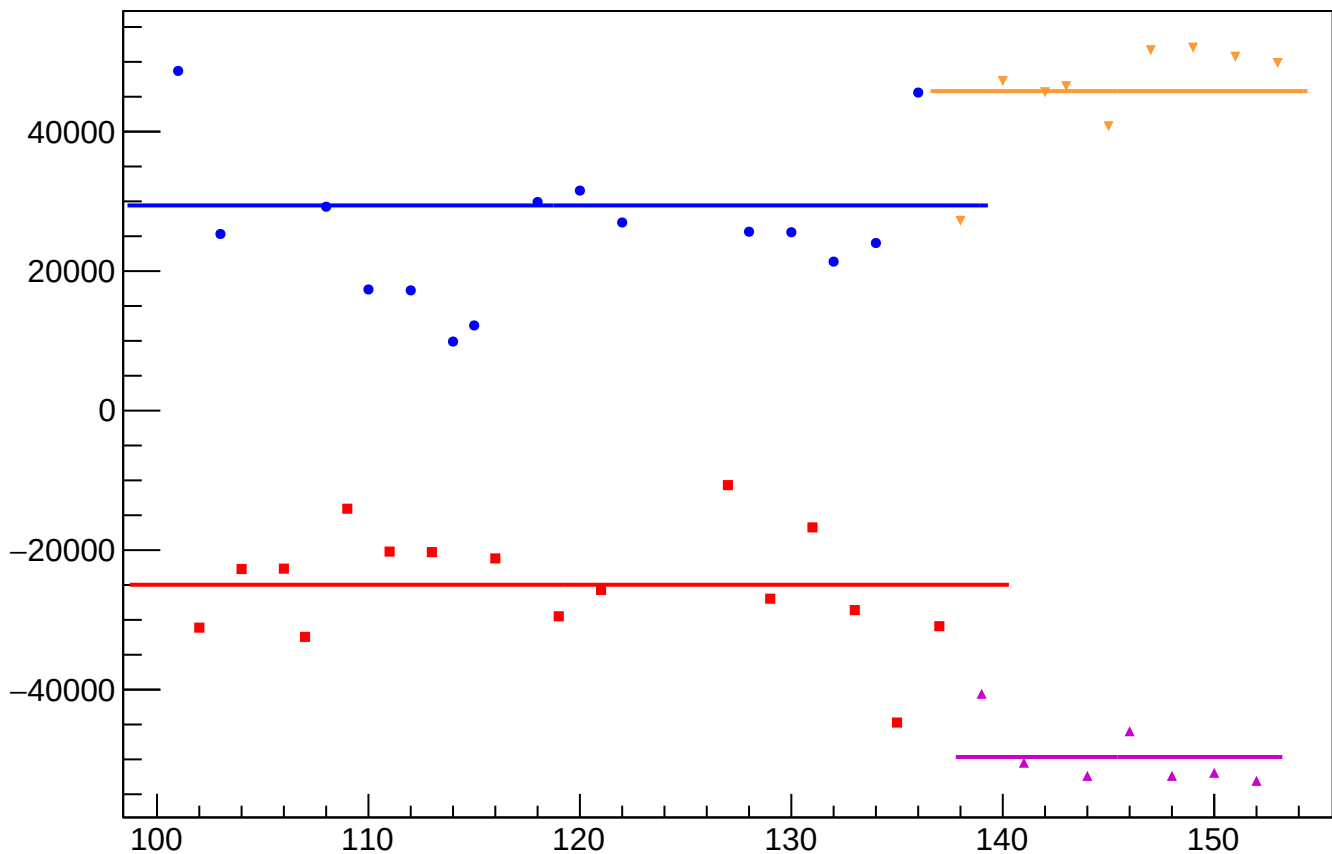
Right In: 687.939 ± 0.000 $\chi^2/\text{NDF}: 409297141104301509817753390759024787456.0/14$
 Left Out: 709.085 ± 0.000 $\chi^2/\text{NDF}: 23207937972589986519725978689850048512.0/8$
 Right Out: -1092.265 ± 0.000 $\chi^2/\text{NDF}: 1883198142929605813456233812946948456448.0/15$
 Left In: -785.827 ± 0.000 $\chi^2/\text{NDF}: 25376212730104559319419872280513085440.0/6$
 All: -105.168 ± 0.000 $\chi^2/\text{NDF}: 41267075984$

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 45806.202+/-0.000

χ^2/NDF : 38424695085464585597954846322942235639808.0/8

Right Out: -24963.010+/-0.000

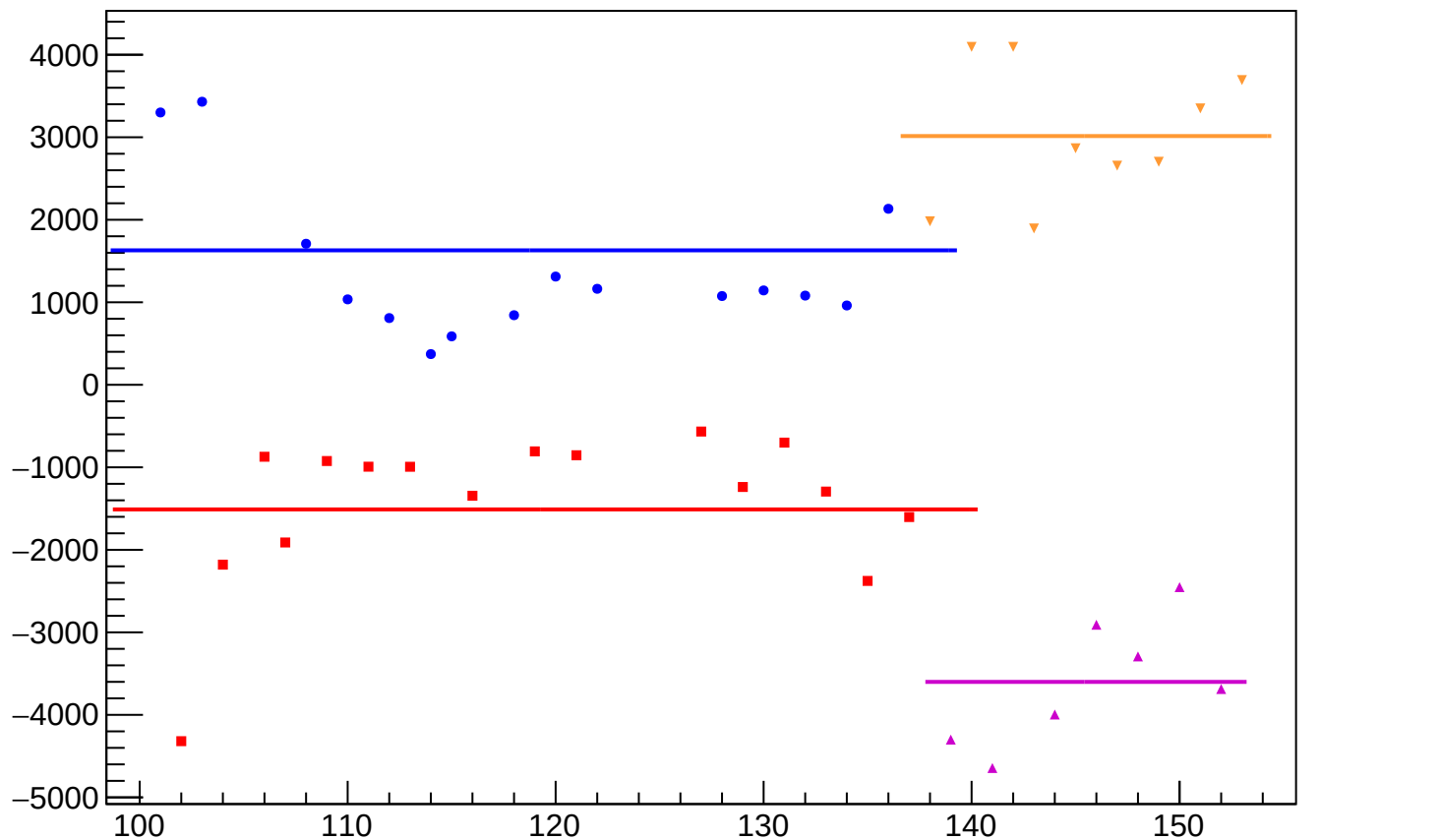
χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -49655.431+/-0.000

χ^2/NDF : 10585676039836621790583229480462807203840.0/6

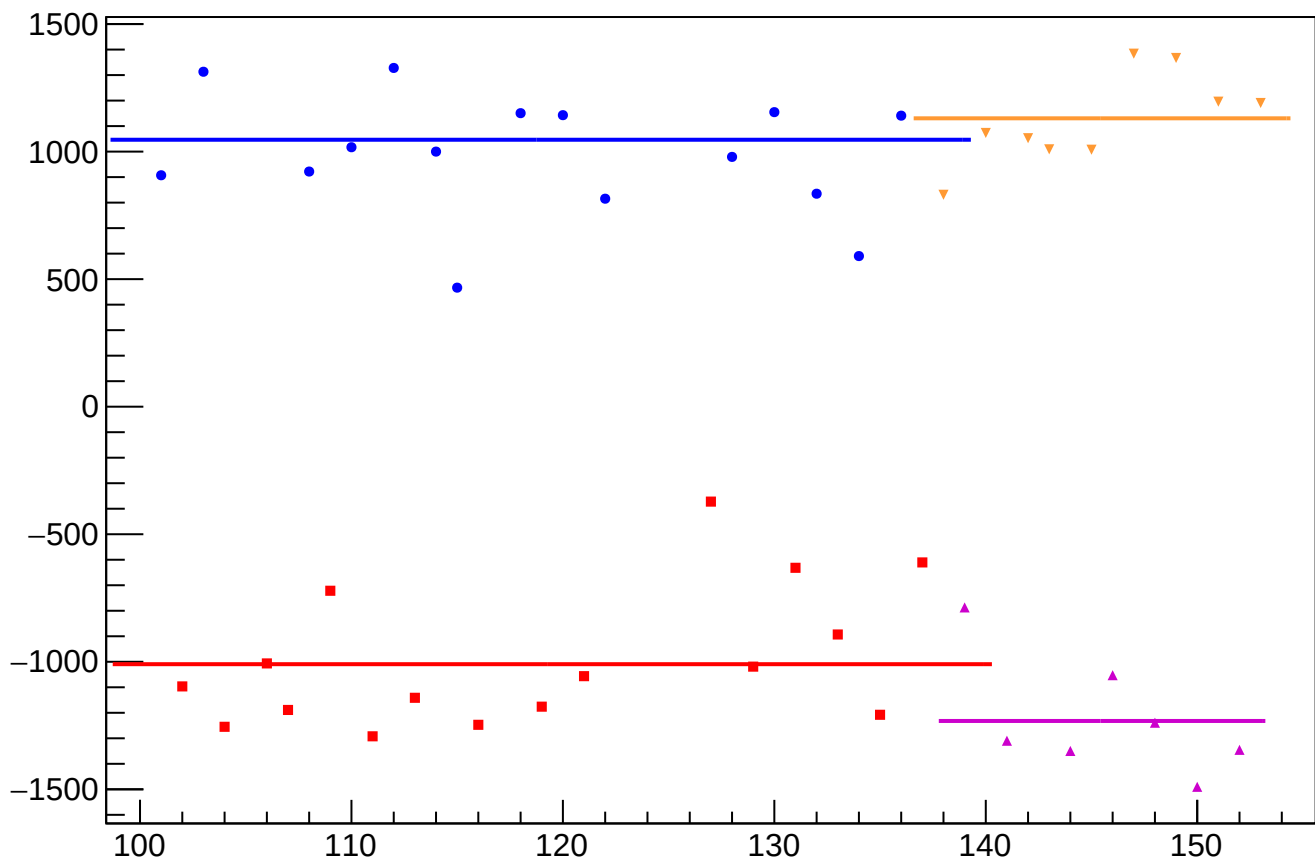
Left: 988.534+/-0.000 χ^2/NDF : 2949743748387853
 Right: 1854.518+/-0.000 χ^2/NDF : 10900867071107
 In: -8568.763+/-0.000 χ^2/NDF : 203161545511270
 Out: 10710.987+/-0.000 χ^2/NDF : 17679782447542
 All: 1427.869+/-0.000 χ^2/NDF : 40403166798

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



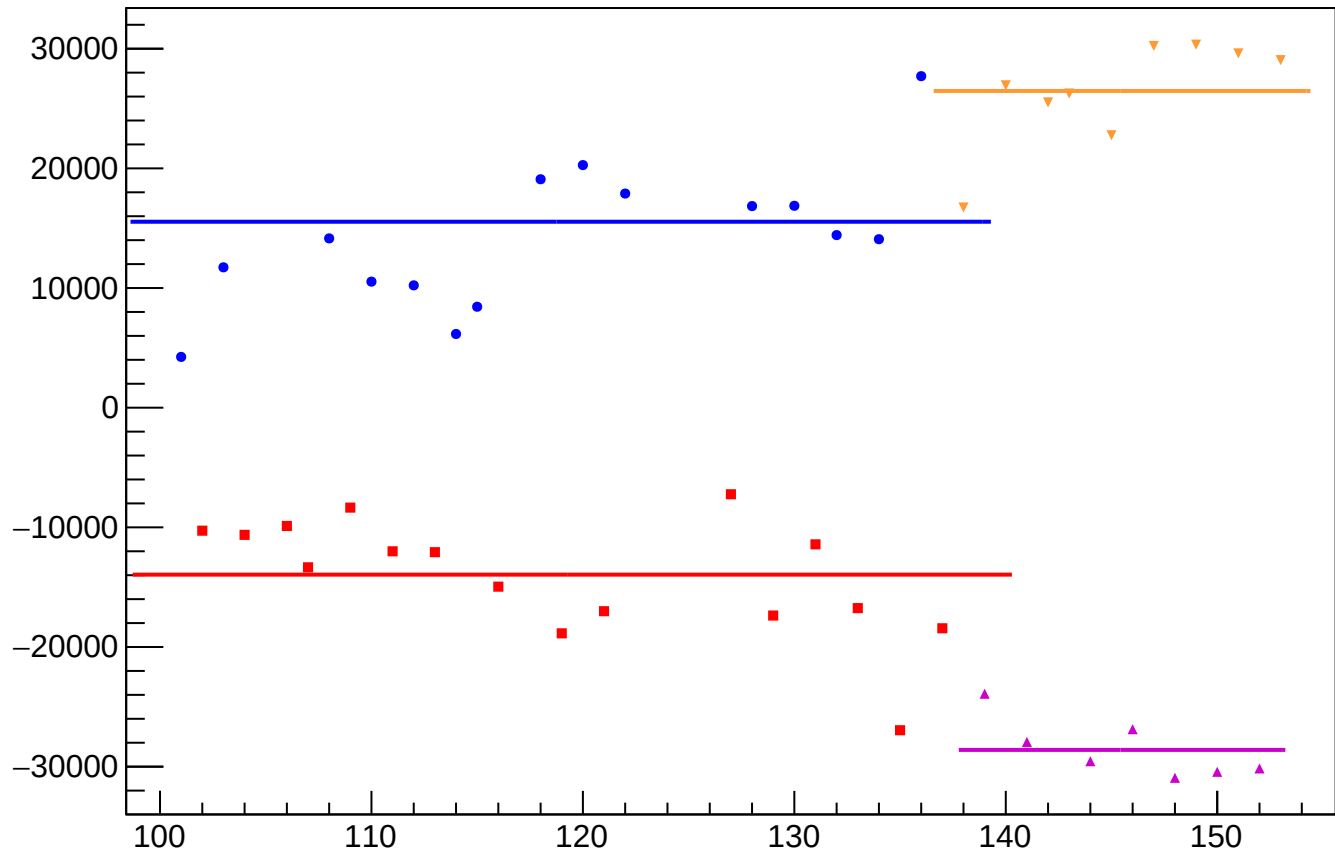
Right In: 1629.542+/-0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Left Out: 3014.483+/-0.000 χ^2/NDF : 384528349365157138775450922820231495680.0/8
 Right Out: -1510.293+/-0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15
 Left In: -3600.602+/-0.000 χ^2/NDF : 314576439668944231432926522469062279168.0/6
 All: -25.572+/-0.000 χ^2/NDF : 191218160941

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	Left: 21.326+/-0.000	χ^2/NDF : 18244187594941979
Left Out: 1130.493+/-0.000	χ^2/NDF : 20120490540226280517278959515063025664.0/8	Right: 4.462+/-0.000	χ^2/NDF : 14598494086105576
Right Out: -1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	In: -48.077+/-0.000	χ^2/NDF : 16711126710311259
Left In: -1232.033+/-0.000	χ^2/NDF : 27642589162015186881949234538999709696.0/6	Out: 69.274+/-0.000	χ^2/NDF : 16044214157712594
	All: 12.770+/-0.000		χ^2/NDF : 3284452547478

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 26468.657+/-0.000

χ^2/NDF : 12256648431506992594027807789248214466560.0/8

Right Out: -13951.799+/-0.000

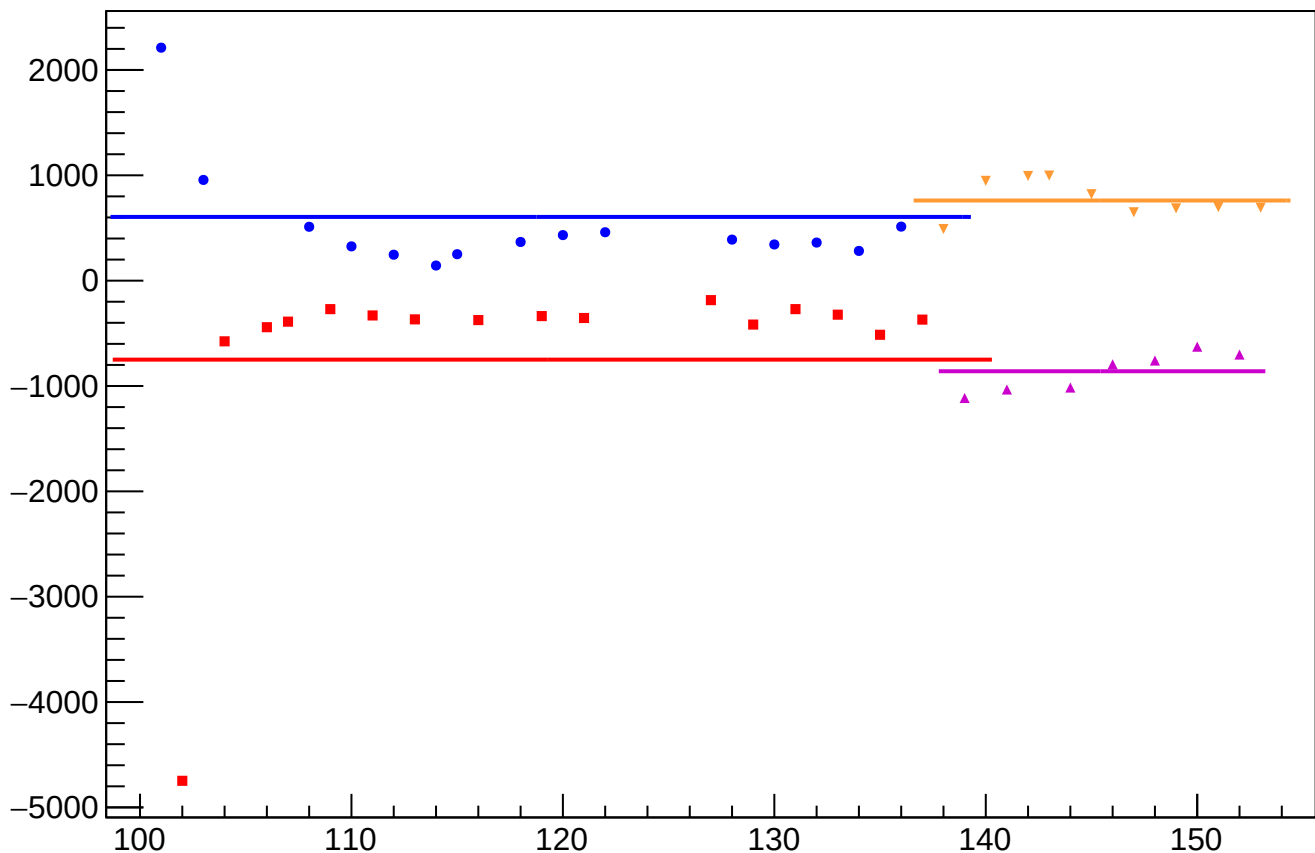
χ^2/NDF : 16954071035739584664612813430748100952064.0/15

Left In: -28599.498+/-0.000

χ^2/NDF : 3122491288368560556865790818258765479936.0/6

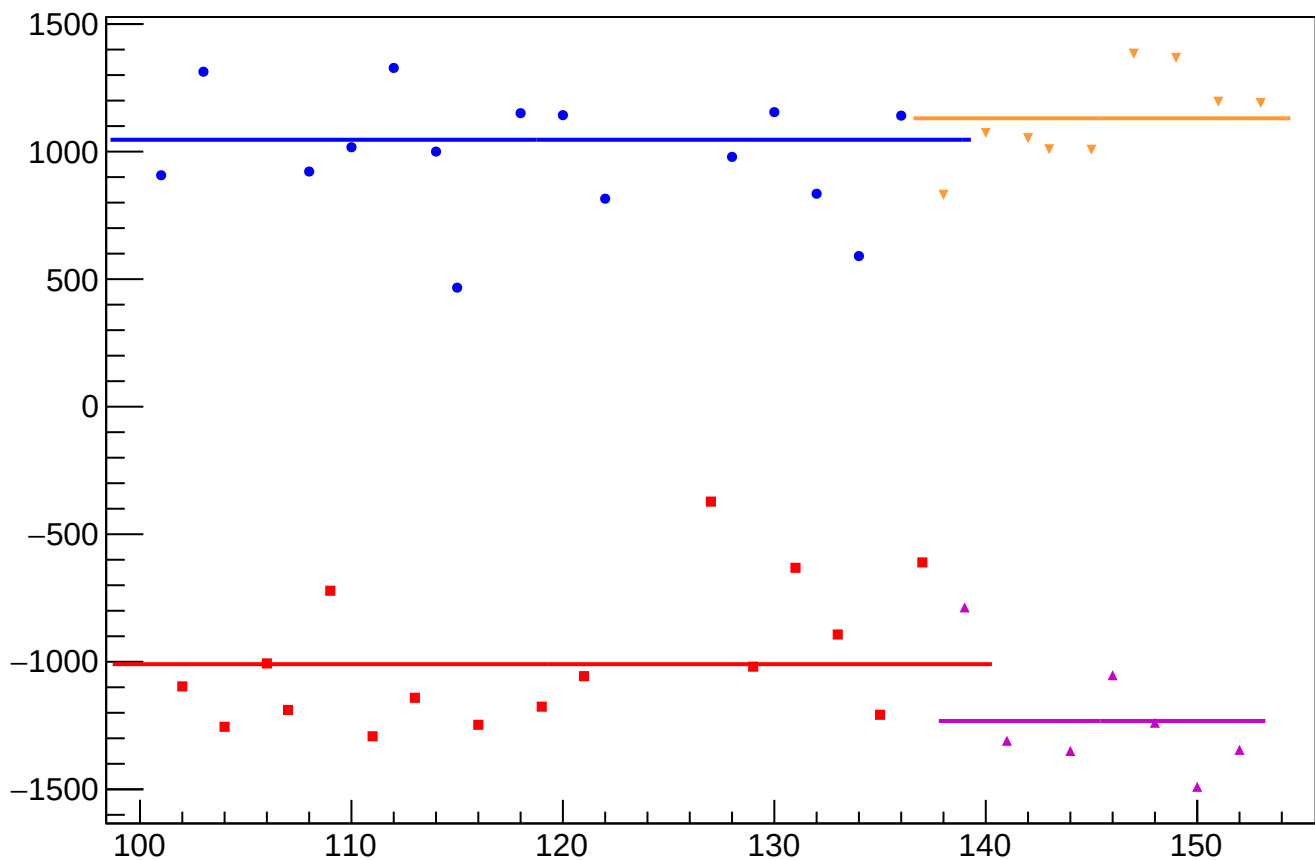
All: 603.767+/-0.000 χ^2/NDF : 131110717002

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



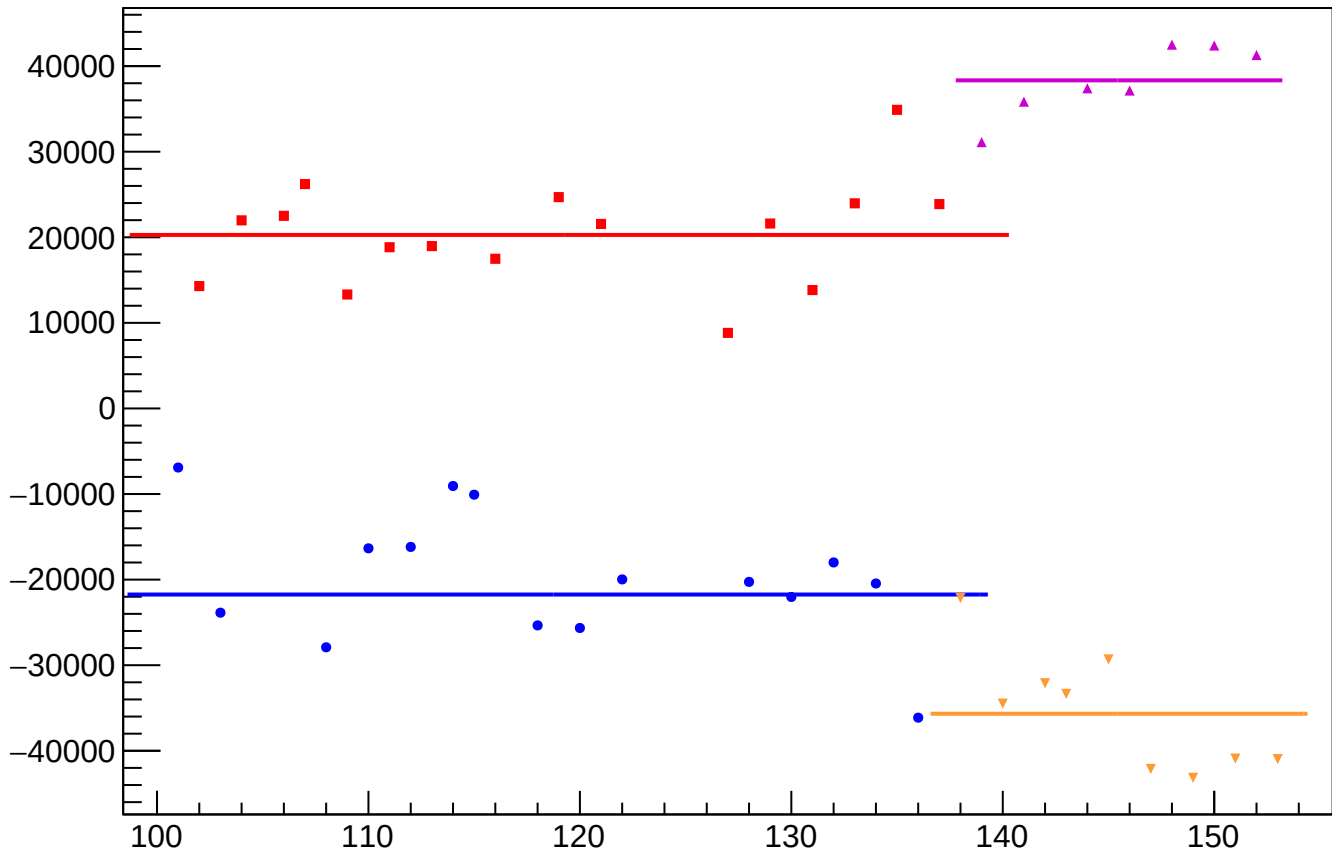
Right In: 605.034 $\pm$ 0.000 χ^2 /NDF: 189401522791607614448600157723362852864.0/14
 Left Out: 760.876 $\pm$ 0.000 χ^2 /NDF: 17239569046793410913222338060818055168.0/8
 Right Out: -749.582 $\pm$ 0.000 χ^2 /NDF: 1021358768377495935693748779804344188928.0/15
 Left In: -859.919 $\pm$ 0.000 χ^2 /NDF: 18270766695703993476707418023533740032.0/6
 All: -41.396 $\pm$ 0.000 χ^2 /NDF: 269036484555

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

Left Out: -35670.860+/-0.000

χ^2/NDF : 31028497097861503546961035694991915089920.0/8

Right Out: 20275.415+/-0.000

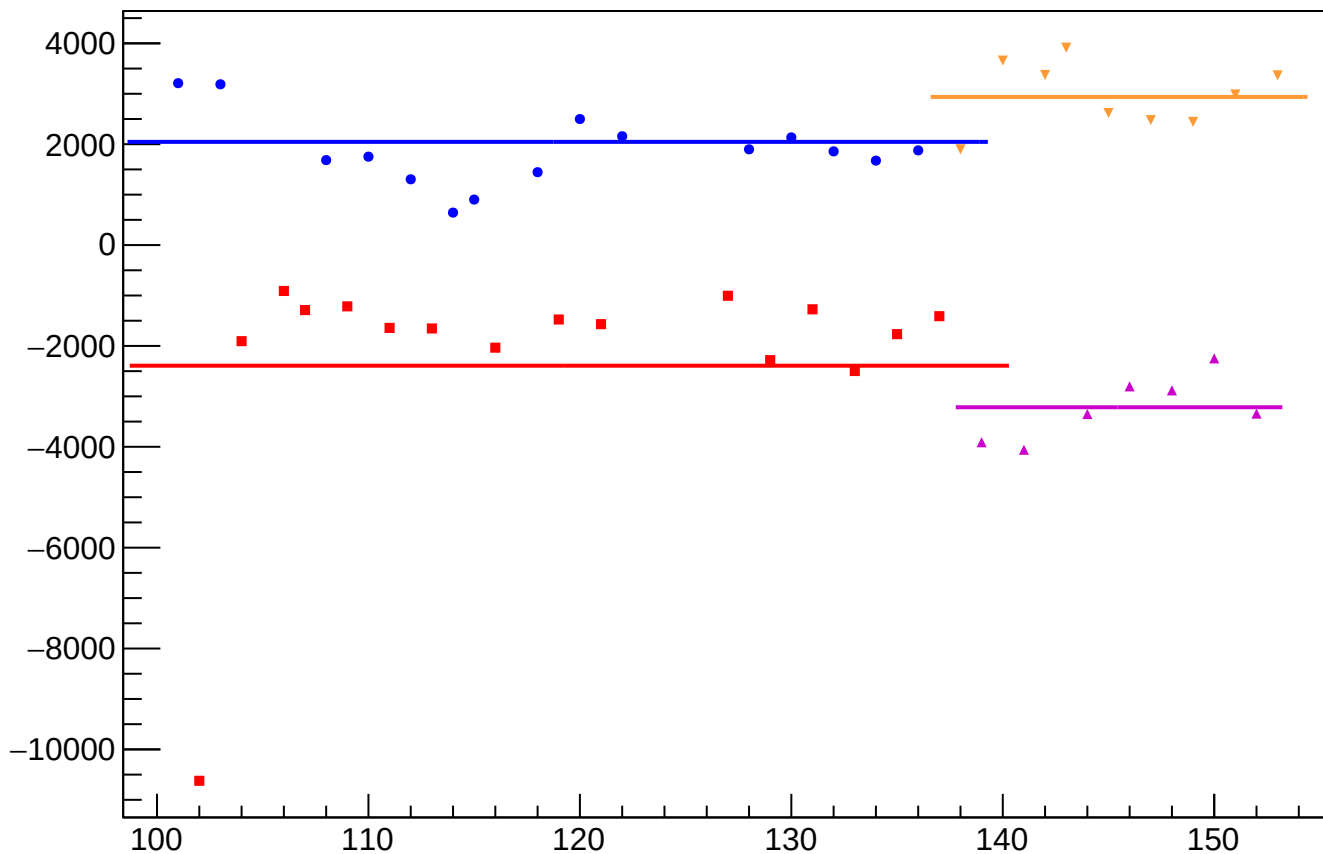
χ^2/NDF : 25935869132092920231681532417627320745984.0/15

Left In: 38336.327+/-0.000

χ^2/NDF : 8669629159912674722719600260655855173632.0/6

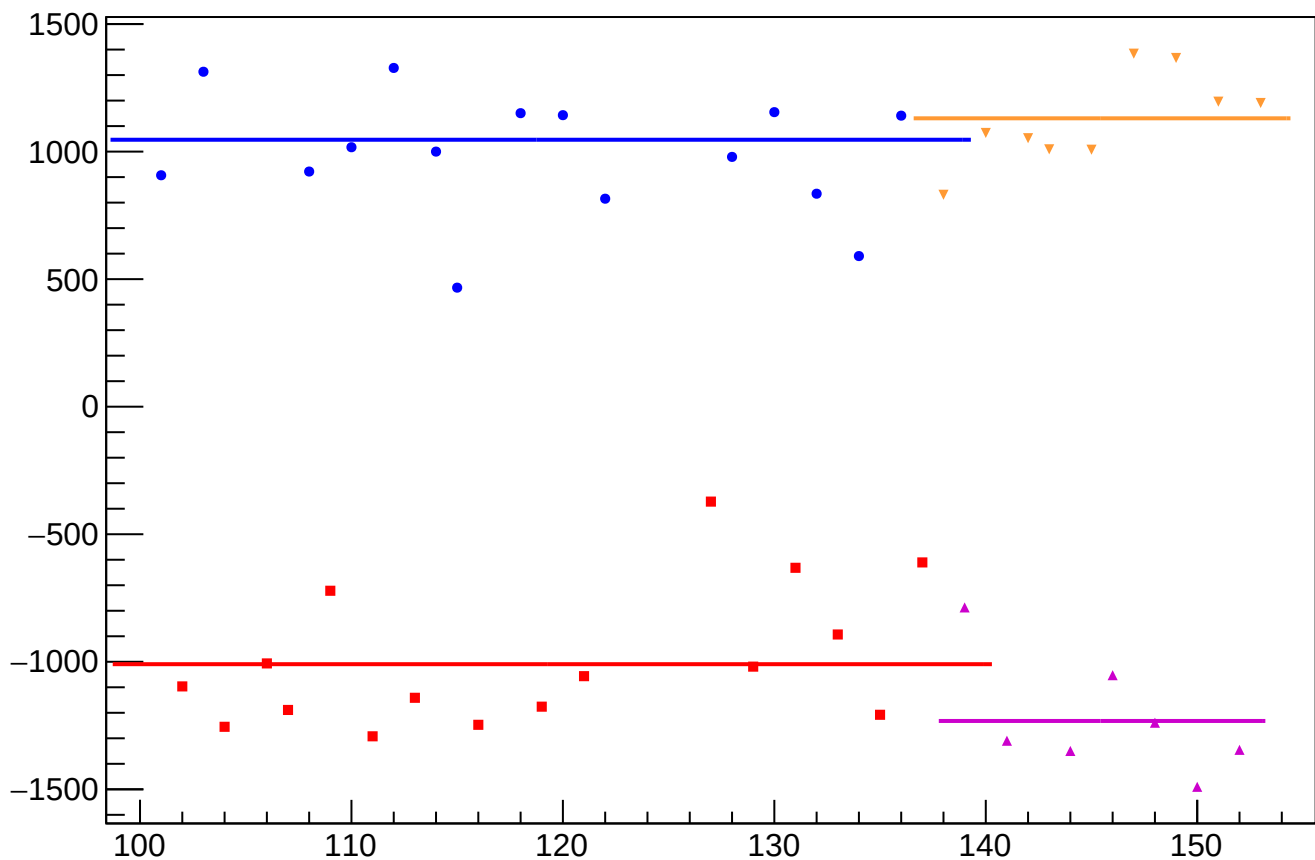
All: -682.647+/-0.000 χ^2/NDF : 24310593497

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



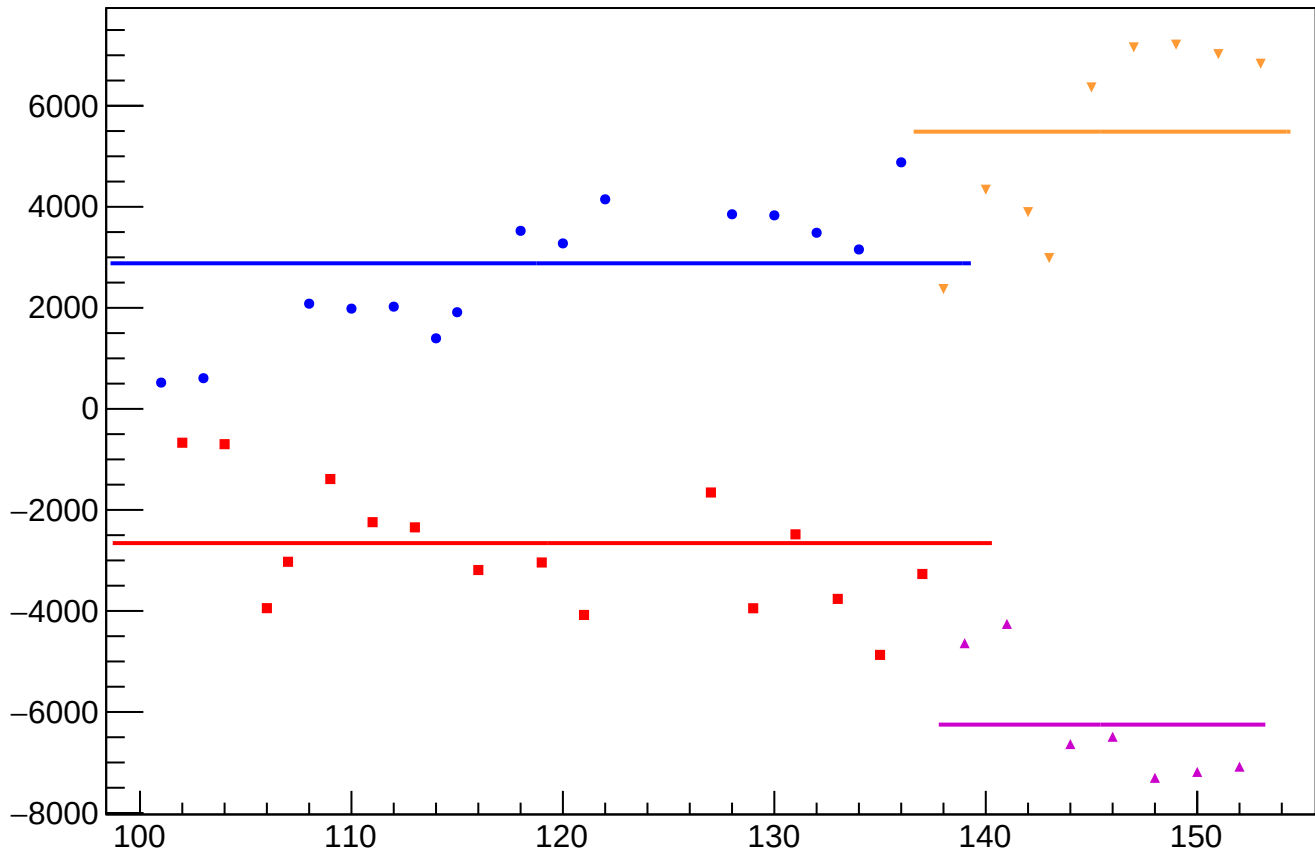
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 2937.785+/-0.000 χ^2/NDF : 260425864865743426934820648380478259200.0/8
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3215.788+/-0.000 χ^2/NDF : 211517044376238356518607969784631918592.0/6
 All: -79.026+/-0.000 χ^2/NDF : 237277876587

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000

χ^2/NDF : 1320319391496525533692082365878834823168.0/14

Left Out: 5487.814+/-0.000

χ^2/NDF : 2265059786101384715539755538804891451392.0/8

Right Out: -2656.918+/-0.000

χ^2/NDF : 1077696846216053561130716877125509447680.0/15

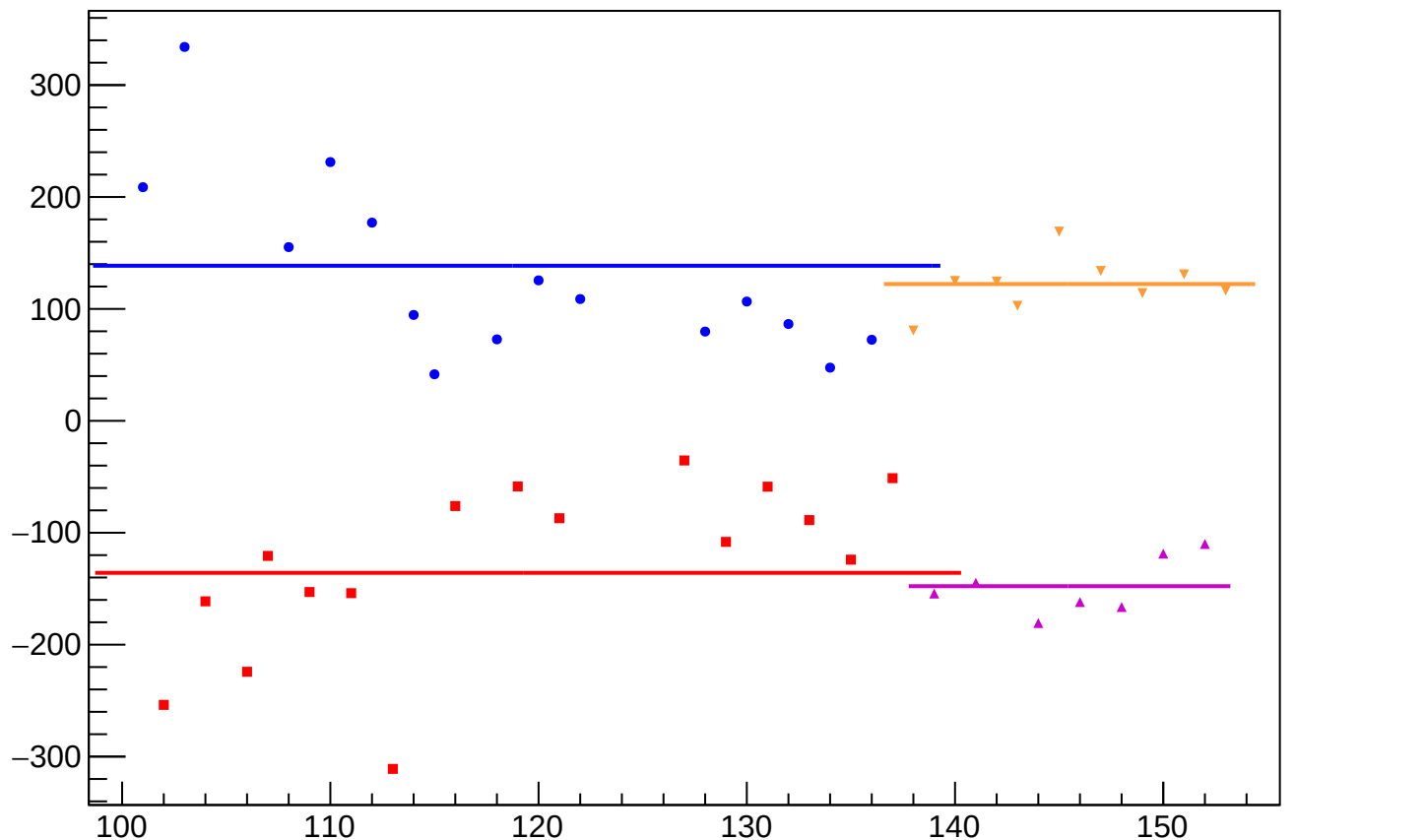
Left In: -6250.169+/-0.000

χ^2/NDF : 799463014710866981525387143232641564672.0/6

All: 26.541+/-0.000

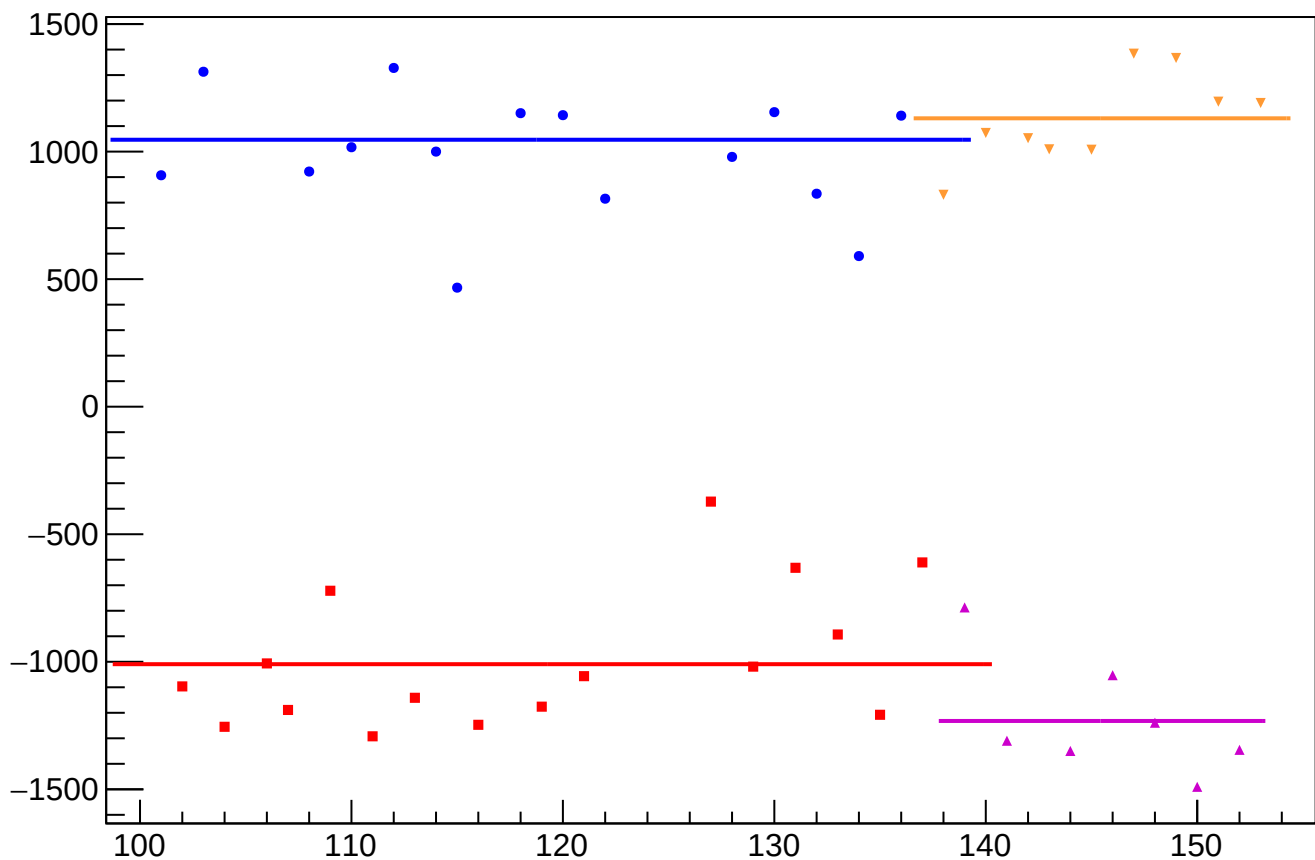
χ^2/NDF : 5941699952173

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



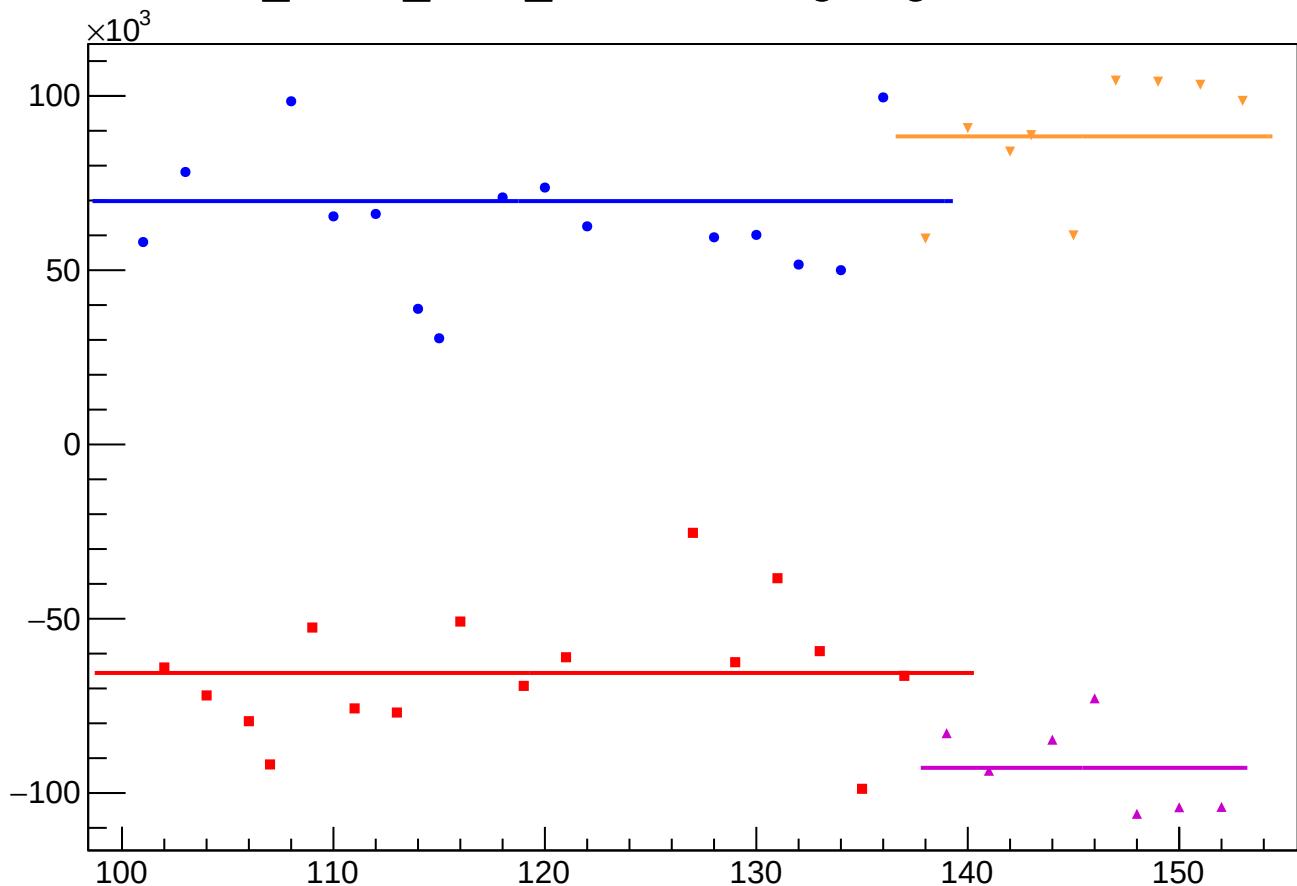
Left: -4.534 ± 0.000 $\chi^2/\text{NDF}: 23906690200992515$
 Right In: 138.577 ± 0.000 $\chi^2/\text{NDF}: 4242369889979811373883774021335515136.0/14$
 Right: -0.492 ± 0.000 $\chi^2/\text{NDF}: 3296375379571767$
 Left Out: 122.204 ± 0.000 $\chi^2/\text{NDF}: 363290562743435807242599011291496448.0/8$
 In: 1.032 ± 0.000 $\chi^2/\text{NDF}: 3014881279580881602$
 Right Out: -135.809 ± 0.000 $\chi^2/\text{NDF}: 3956401741862524263243160868173643776.0/15$
 Out: -5.747 ± 0.000 $\chi^2/\text{NDF}: 26702458280271083$
 Left In: -147.747 ± 0.000 $\chi^2/\text{NDF}: 347168812074617391920031255337369600.0/6$
 All: -2.483 ± 0.000 $\chi^2/\text{NDF}: 5688103360700$

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797 $\pm$ 0.000

χ^2/NDF : 187803282116493131197684060541288926150656.0/14

Left Out: 88394.057 $\pm$ 0.000

χ^2/NDF : 200060343646127921237359555303392686374912.0/8

Right Out: -65555.147 $\pm$ 0.000

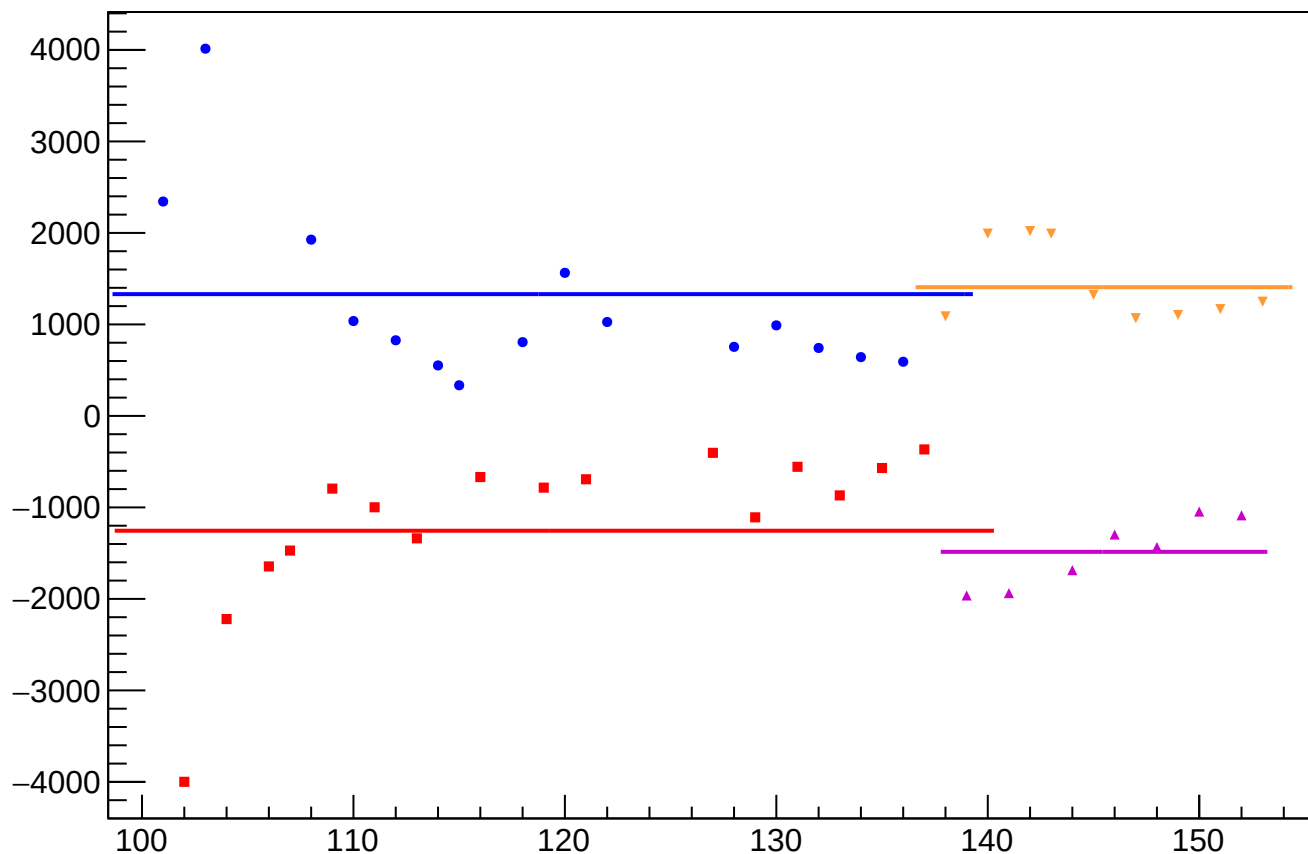
χ^2/NDF : 212001467811386750910625783195999741673472.0/15

Left In: -92776.433 $\pm$ 0.000

χ^2/NDF : 84062424251884077007267466763920432168960.0/6

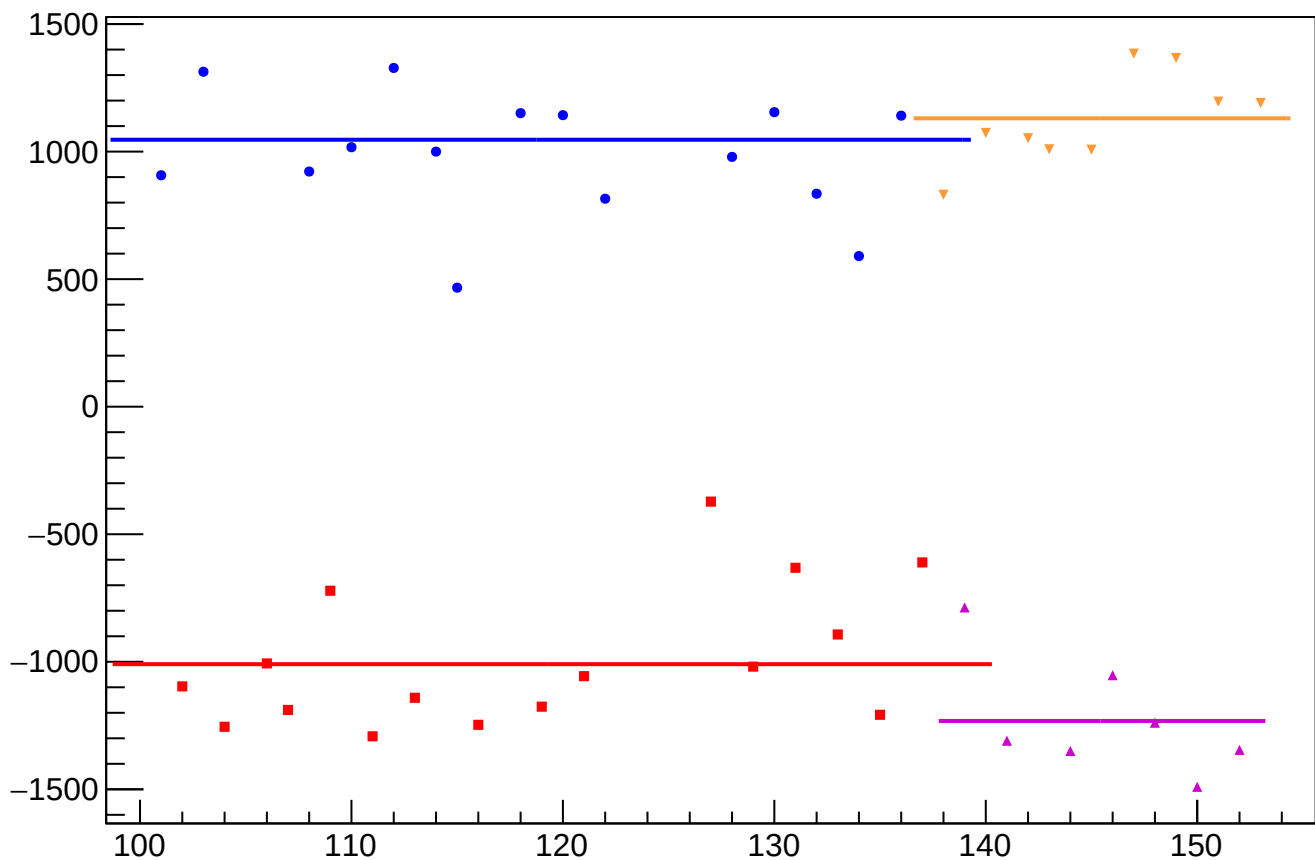
All: 2258.392 $\pm$ 0.000 χ^2/NDF : 17163626711

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1406.748+/-0.000 χ^2/NDF : 100137924724785558771055545814735650816.0/8
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -1485.501+/-0.000 χ^2/NDF : 73936156294040130631444148549949849600.0/6
 All: 34.413+/-0.000 χ^2/NDF : 6318365545510

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000

χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: -1009.445+/-0.000

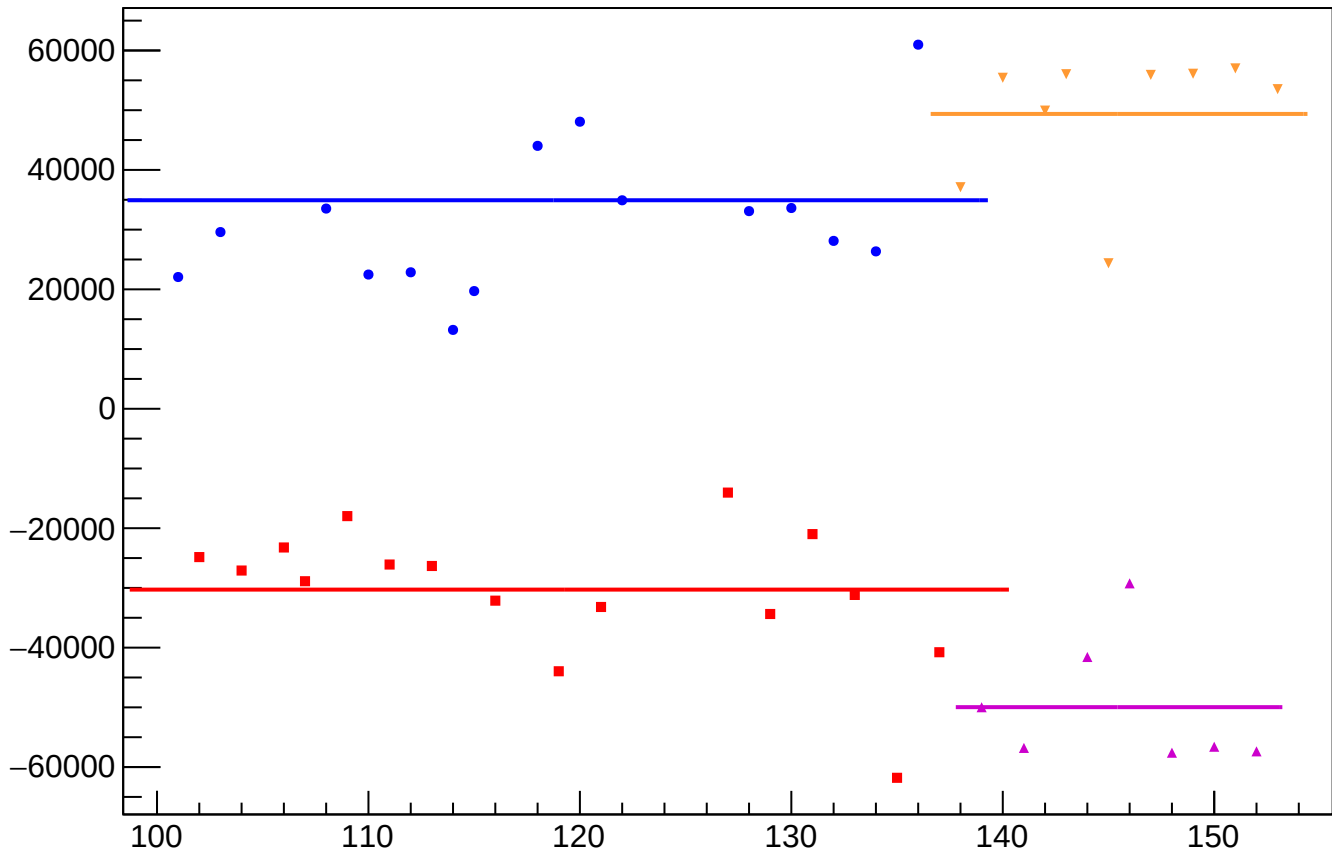
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000

χ^2/NDF : 106387385440718622155122541848729997017088.0/14

Left Out: 49375.085+/-0.000

χ^2/NDF : 81472466595791448787596754421938604998656.0/8

Right Out: -30282.373+/-0.000

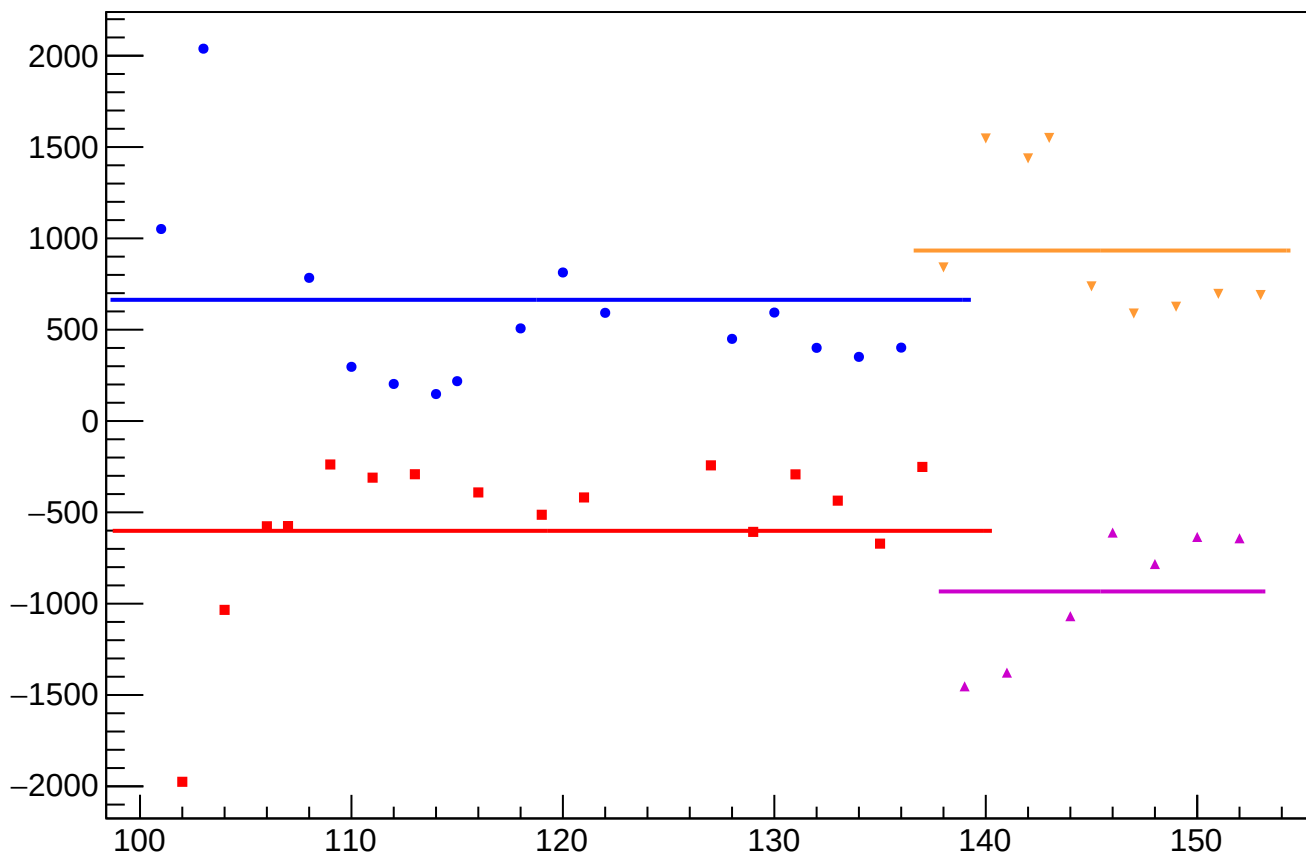
χ^2/NDF : 88346165266593126627598951693506073067520.0/15

Left In: -49966.371+/-0.000

χ^2/NDF : 59572172431380531430099562382069633908736.0/6

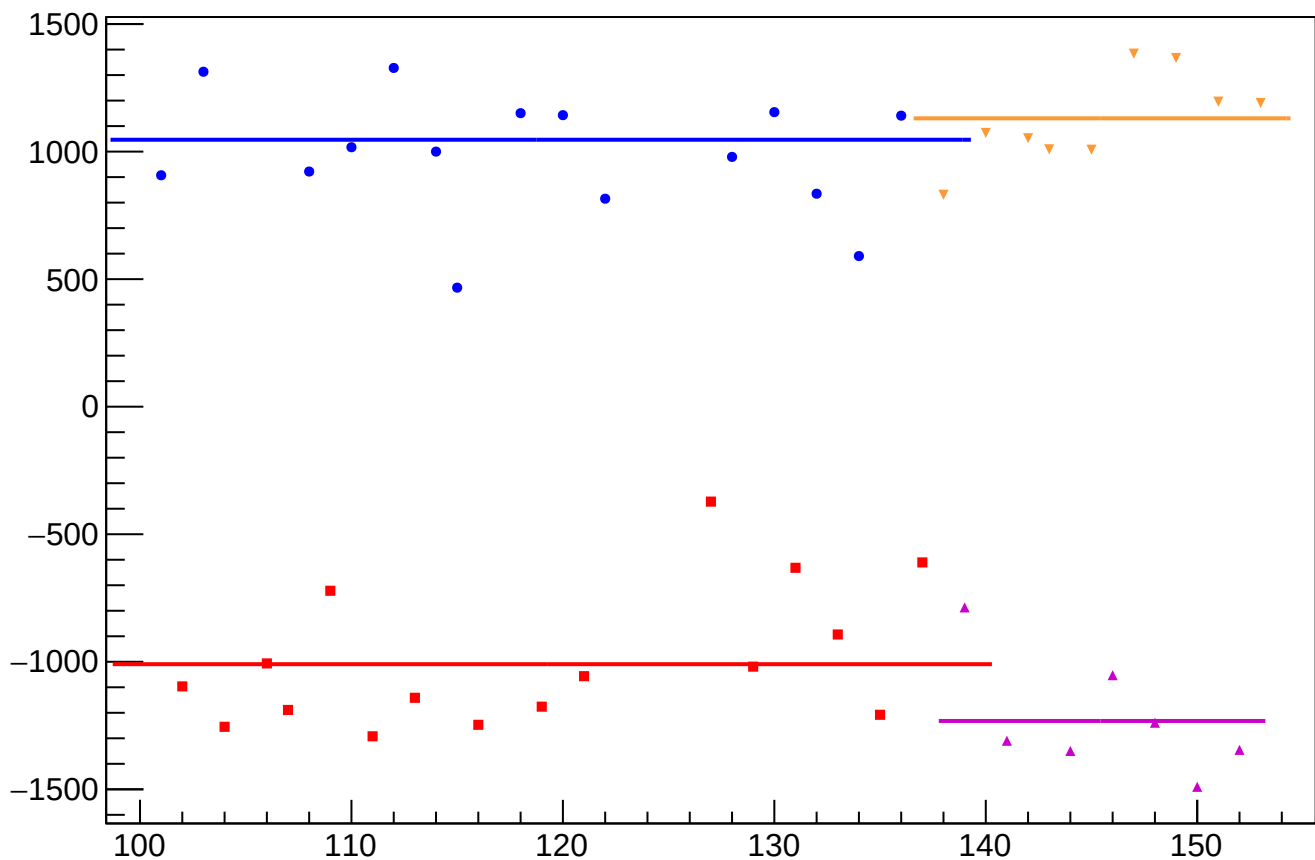
All: 2298.010+/-0.000 χ^2/NDF : 48759937485

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



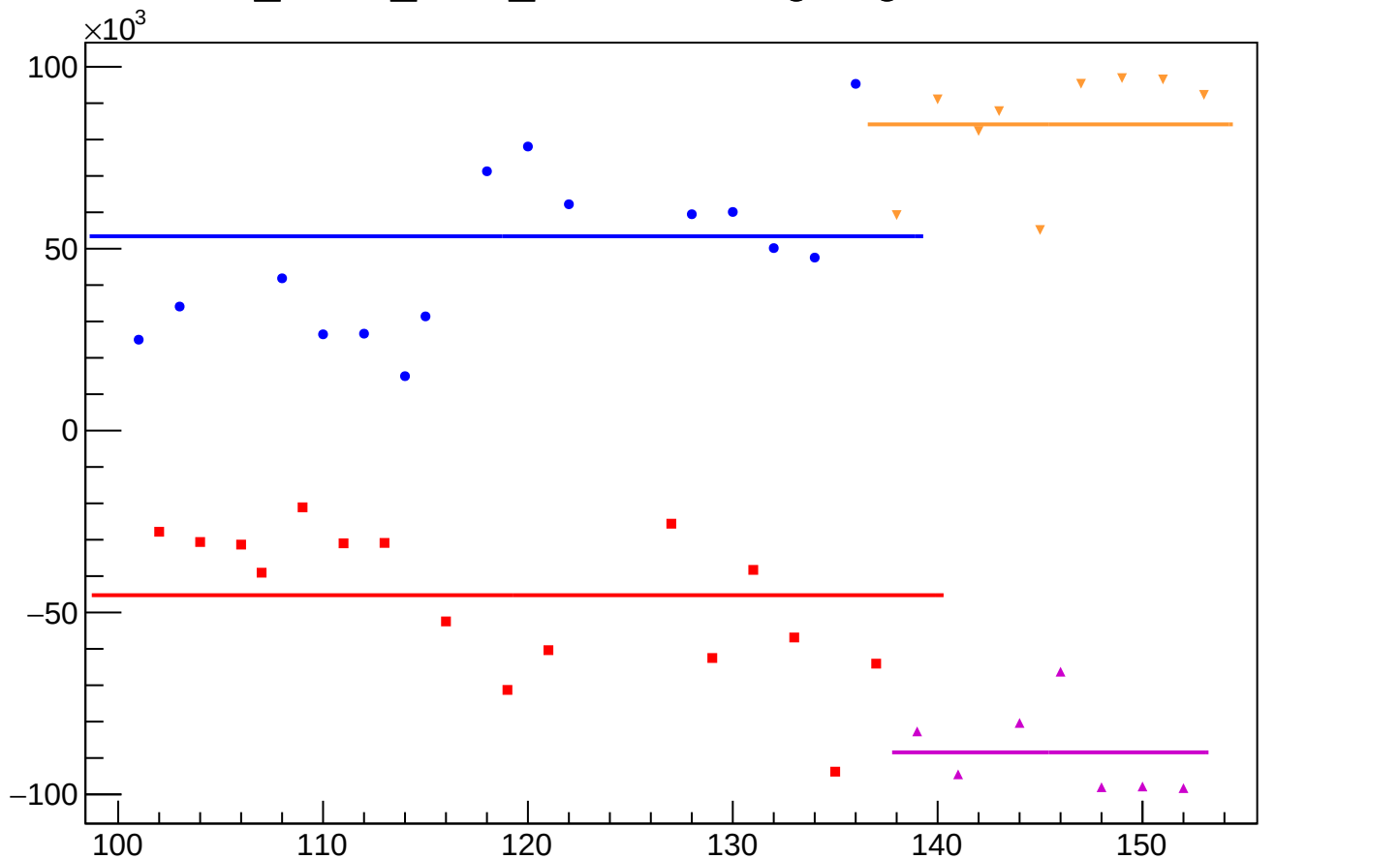
Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Left Out: 933.397+/-0.000 χ^2/NDF : 98438387741859014865340593671313031168.0/8
 Right Out: -601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15
 Left In: -933.154+/-0.000 χ^2/NDF : 66267392193260283765656641423412297728.0/6
 All: 39.552+/-0.000 χ^2/NDF : 2108085242369

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



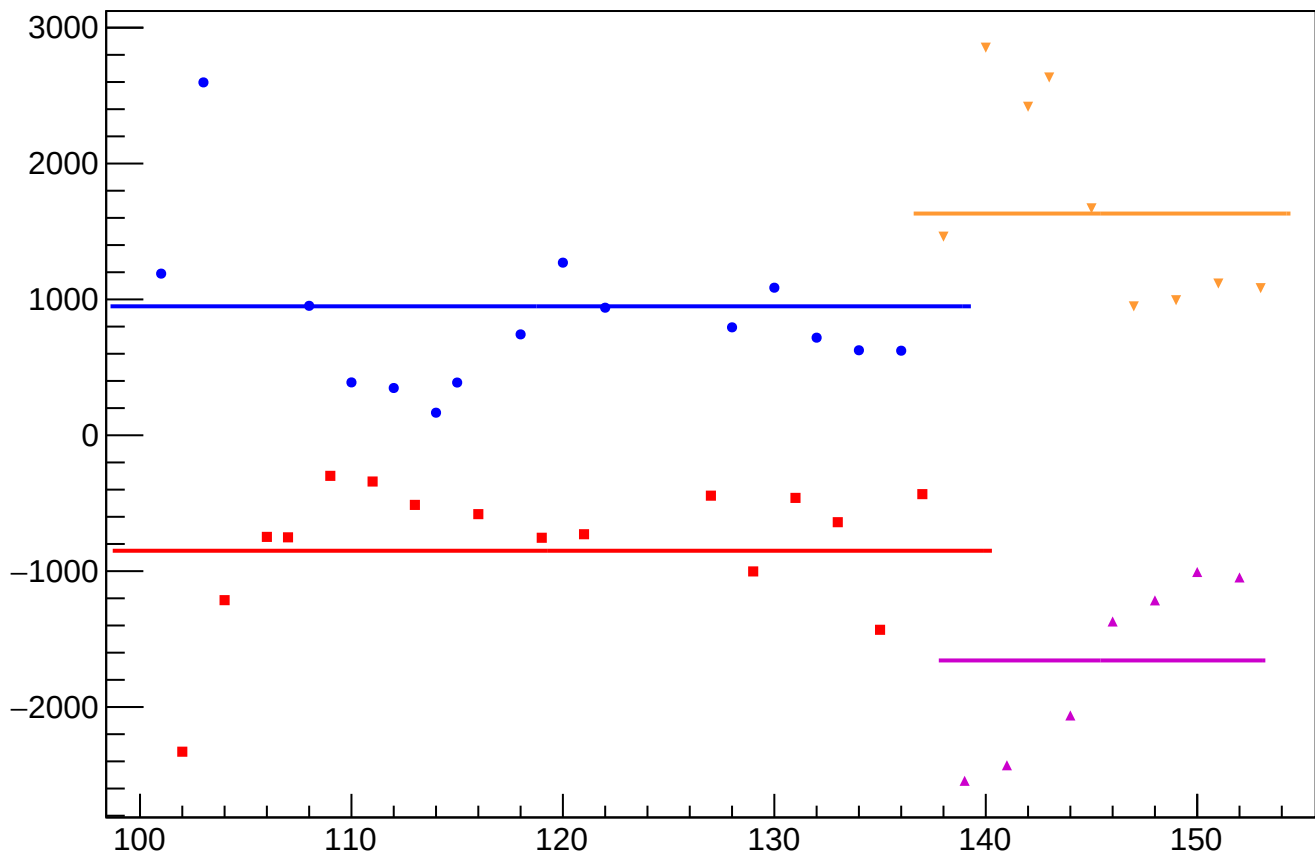
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 84178.950+/-0.000 χ^2/NDF : 162330457816447985549446702554791819608064.0/8
 Right Out: -45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: -88444.790+/-0.000 χ^2/NDF : 76534883945705858837215086325341309894656.0/6
 All: 3275.815+/-0.000 χ^2/NDF : 1357338578

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197+/-0.000

χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left: 87.703+/-0.000 χ^2/NDF : 40035998590375217

Right: 37.382+/-0.000 χ^2/NDF : 1494917928354426

Left Out: 1631.917+/-0.000

χ^2/NDF : 336875249242756038737465411259171078144.0/8

In: -302.904+/-0.000 χ^2/NDF : 2566764323068802

Right Out: -849.827+/-0.000

χ^2/NDF : 20462224261577247702227312745197338624.0/15

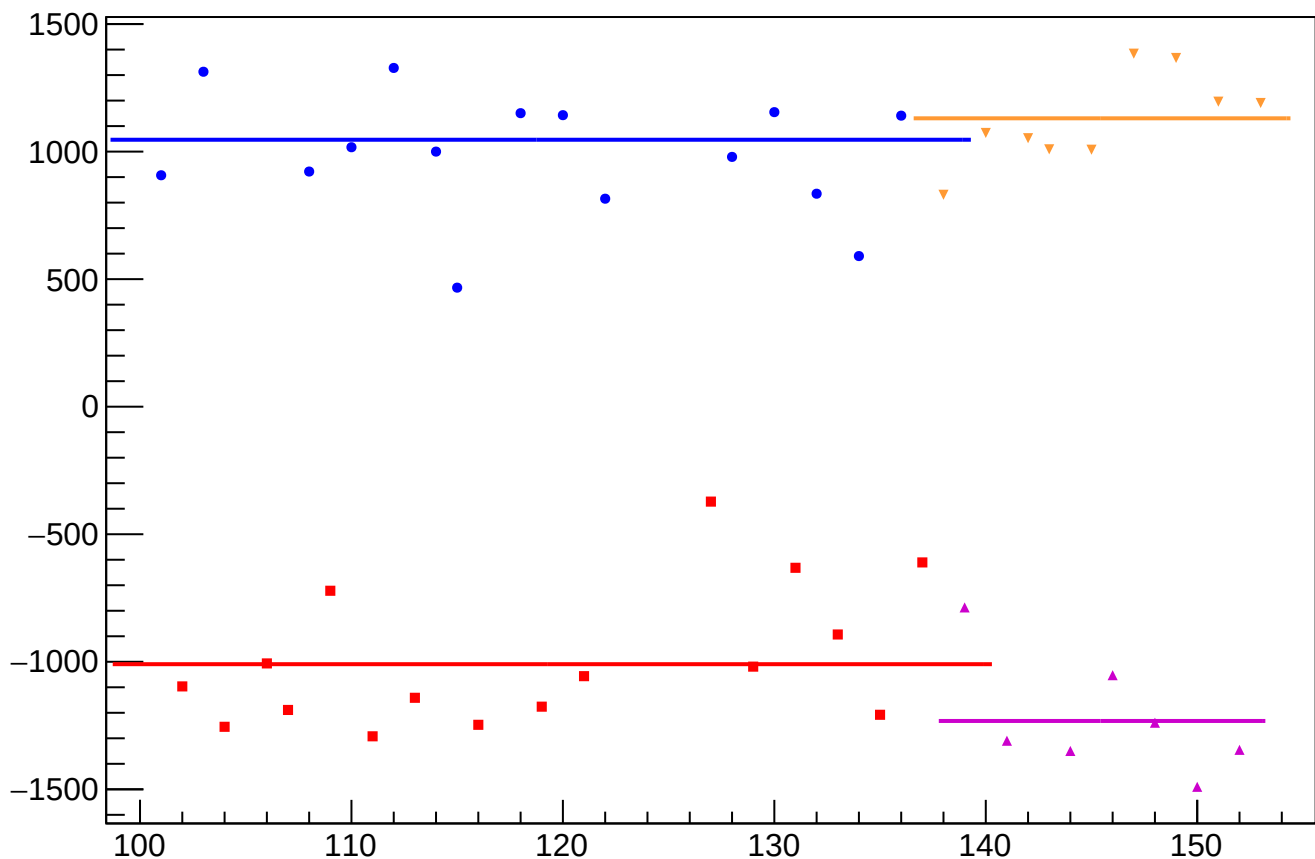
Out: 401.194+/-0.000 χ^2/NDF : 2612339889489728

Left In: -1657.259+/-0.000

χ^2/NDF : 223032495610289039610461985377953513472.0/6

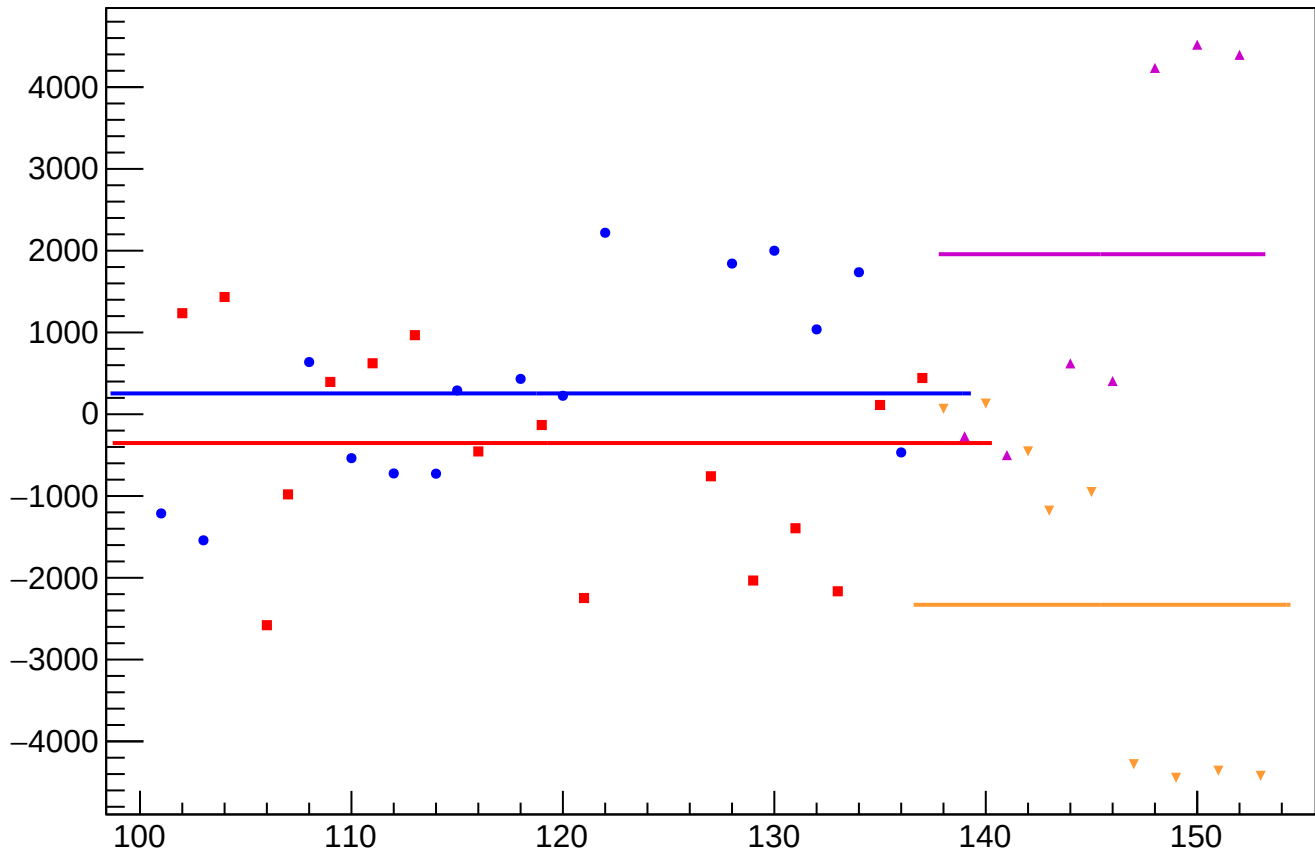
All: 62.174+/-0.000 χ^2/NDF : 5500159570369

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



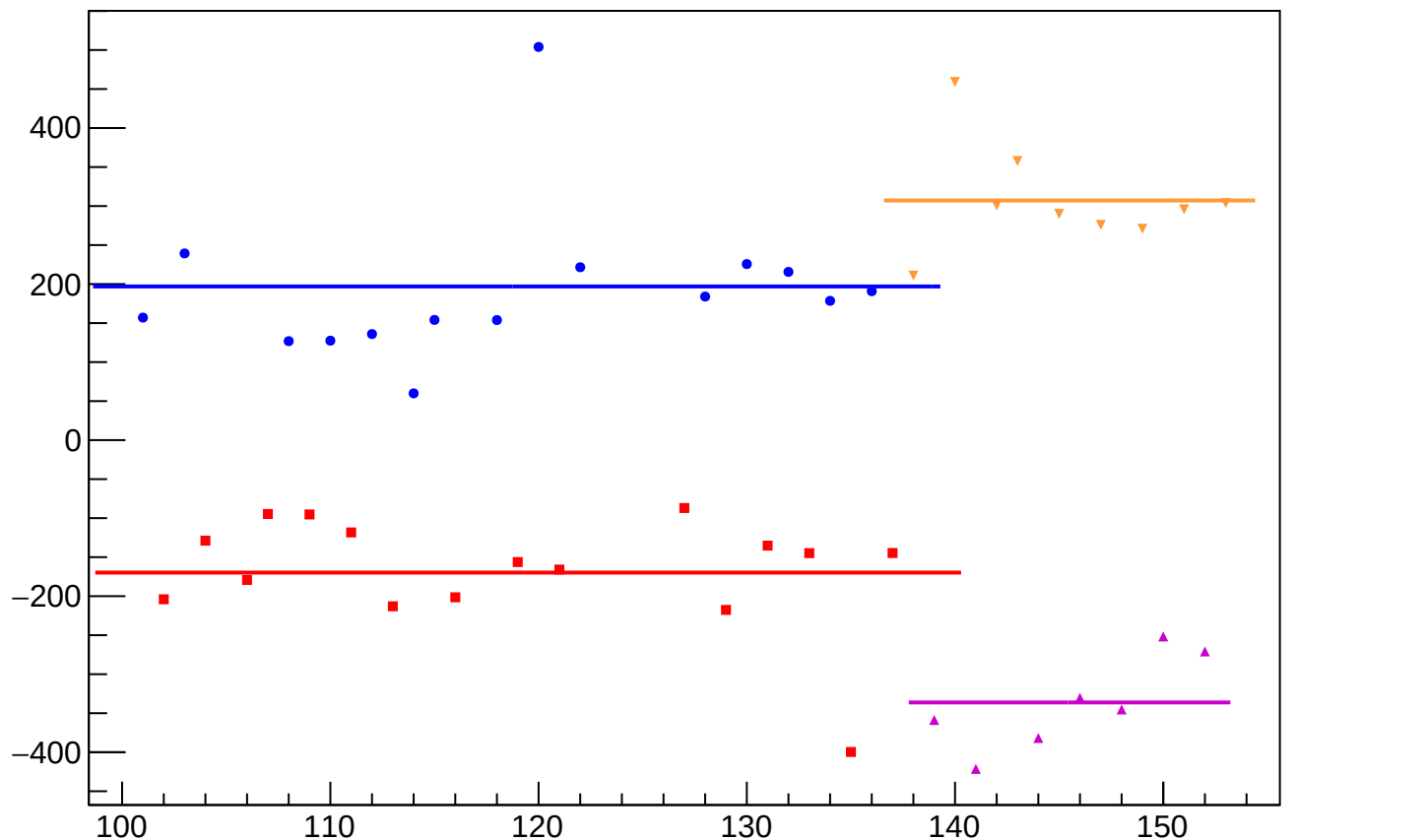
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam5_coil1_mean vs Slug, Sign Corrected



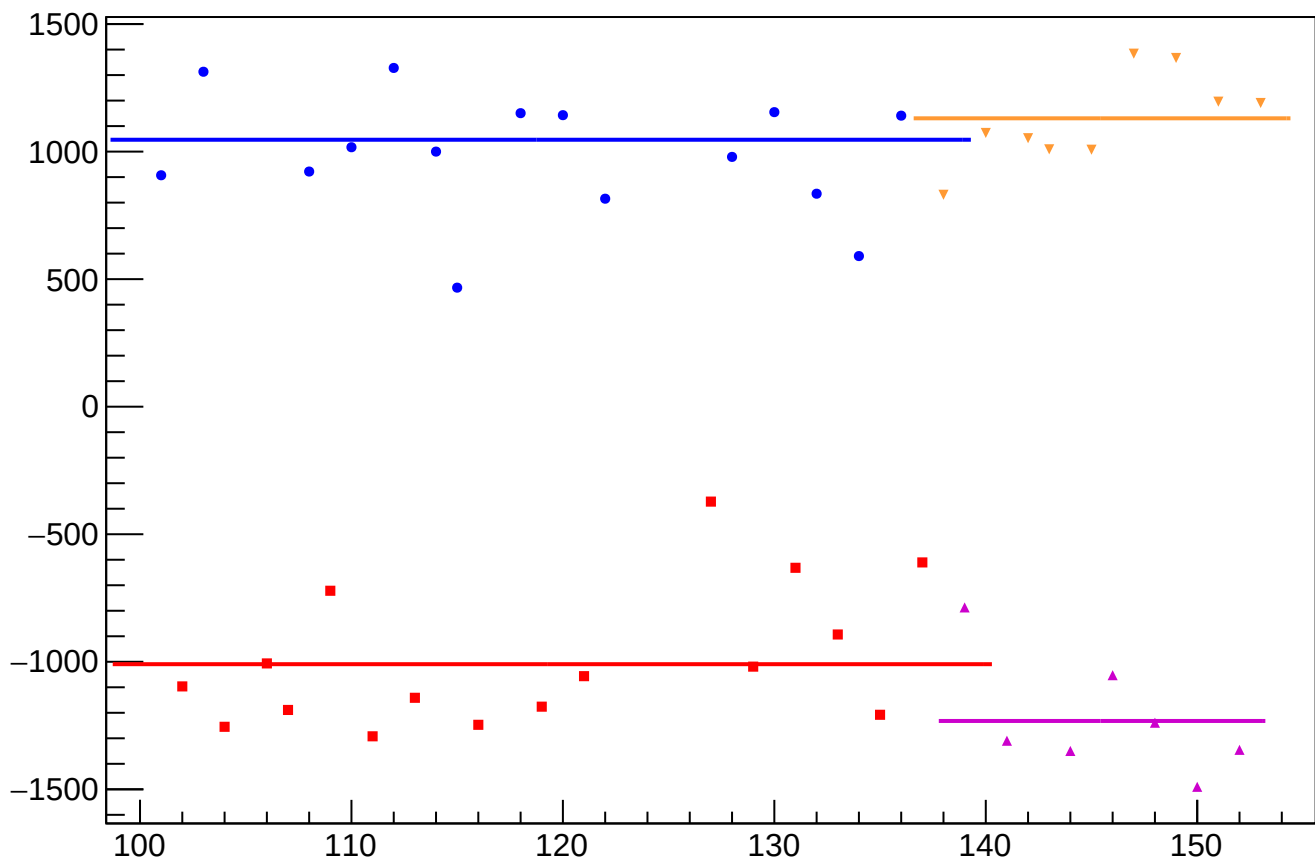
Right In: 254.578 $\pm$ 0.000 χ^2 /NDF: 978402113531006640741569223967249530880.0/14
 Left In: 1956.916 $\pm$ 0.000 χ^2 /NDF: 2823223486346079614960408847036167749632.0/6
 Right Out: -352.308 $\pm$ 0.000 χ^2 /NDF: 1100813647101508513447529068154010468352.0/15
 Left Out: -2329.996 $\pm$ 0.000 χ^2 /NDF: 2710004182697076062453992548645231132672.0/8
 All: -183.252 $\pm$ 0.000 χ^2 /NDF: 13628679709

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



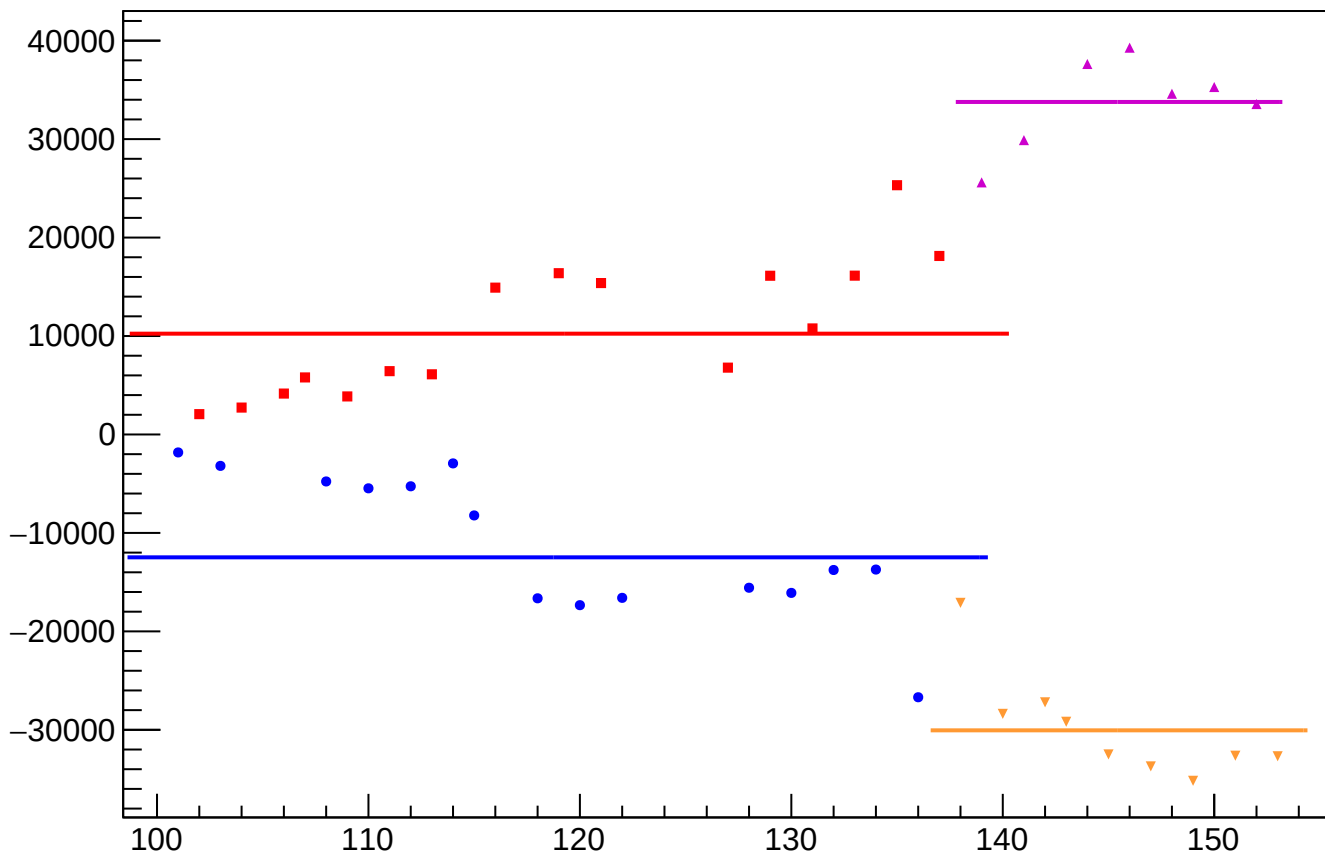
Right In: 196.955 $\pm$ 0.000 χ^2 /NDF: 4485245160329657914621372425838788608.0/14
 Left Out: 307.190 $\pm$ 0.000 χ^2 /NDF: 3007241266128161041135224207924264960.0/8
 Right Out: -169.778 $\pm$ 0.000 χ^2 /NDF: 3892609445494845784493558646385410048.0/15
 Left In: -336.189 $\pm$ 0.000 χ^2 /NDF: 1874643880356257175900677216051134464.0/6
 All: 8.151 $\pm$ 0.000 χ^2 /NDF: 18928299687738

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



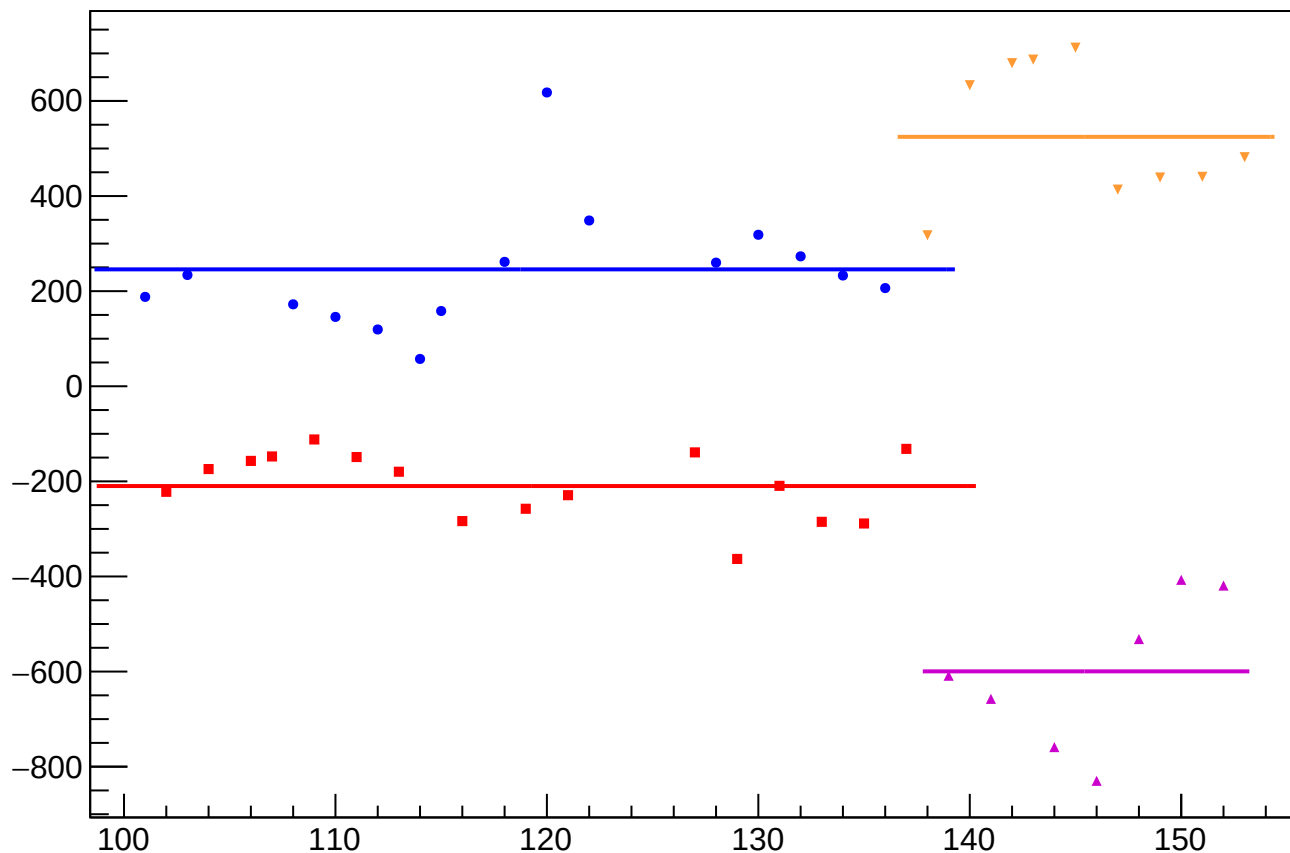
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam6_coil1_mean vs Slug, Sign Corrected



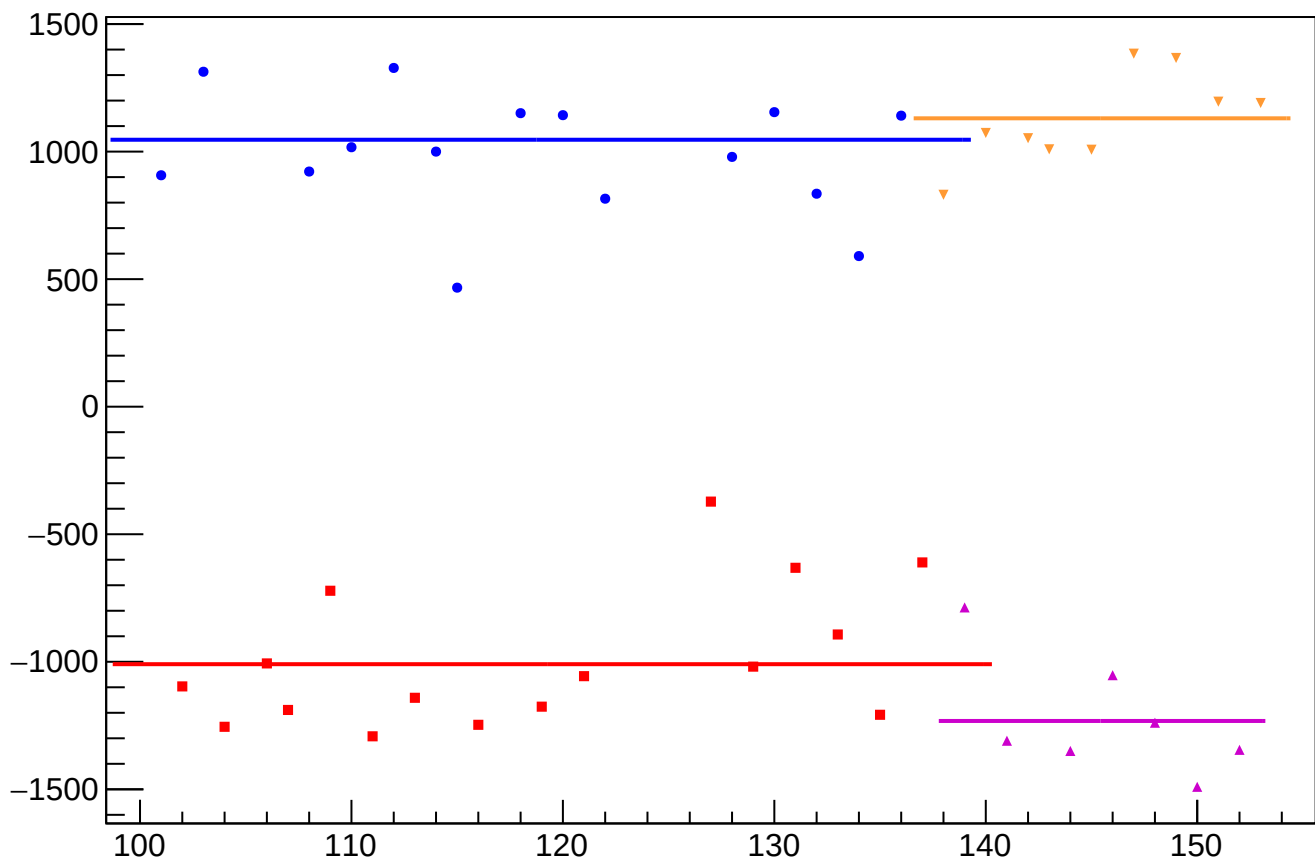
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -30051.778+/-0.000 χ^2/NDF : 18571413158248064162821297256072942190592.0/8
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 33774.086+/-0.000 χ^2/NDF : 10799973632238491940730623037730201796608.0/6
 All: -532.435+/-0.000 χ^2/NDF : 15687544117

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



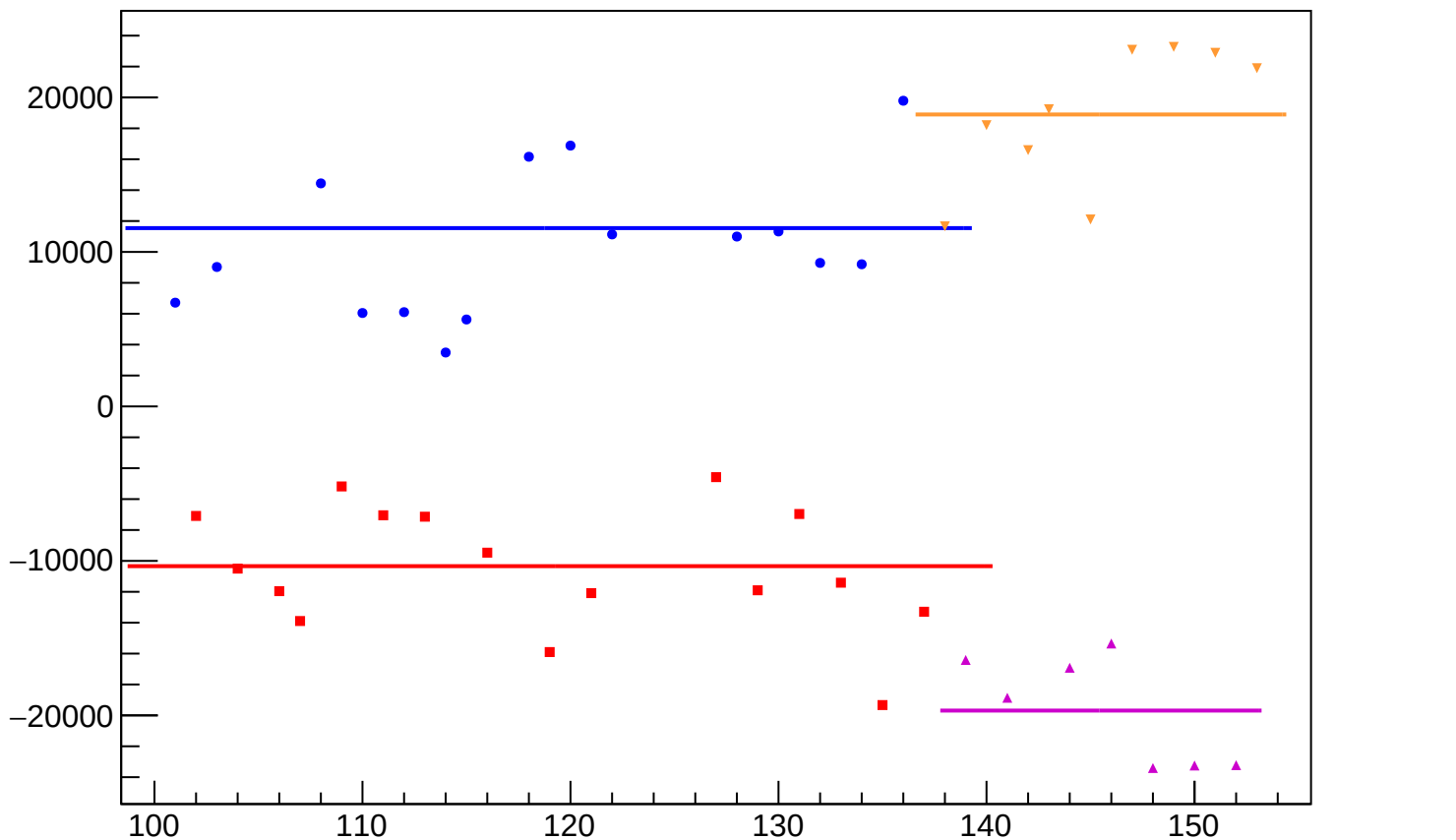
Left: -3.227 ± 0.000 $\chi^2/\text{NDF}: 42806658814512138$
 Right In: 245.832 ± 0.000 $\chi^2/\text{NDF}: 7828269009300013139414476154059358208.0/14$
 Right: 14.878 ± 0.000 $\chi^2/\text{NDF}: 7925780675793006$
 Left Out: 524.525 ± 0.000 $\chi^2/\text{NDF}: 12304049734233100593513299510082666496.0/8$
 In: -160.294 ± 0.000 $\chi^2/\text{NDF}: 2441978398341270$
 Right Out: -209.844 ± 0.000 $\chi^2/\text{NDF}: 3128489258838765241921217786024034304.0/15$
 Out: 160.344 ± 0.000 $\chi^2/\text{NDF}: 1967591082446657$
 Left In: -599.588 ± 0.000 $\chi^2/\text{NDF}: 13537020323099471055003757604444831744.0/6$
 All: 5.958 ± 0.000 $\chi^2/\text{NDF}: 50753693380315$

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



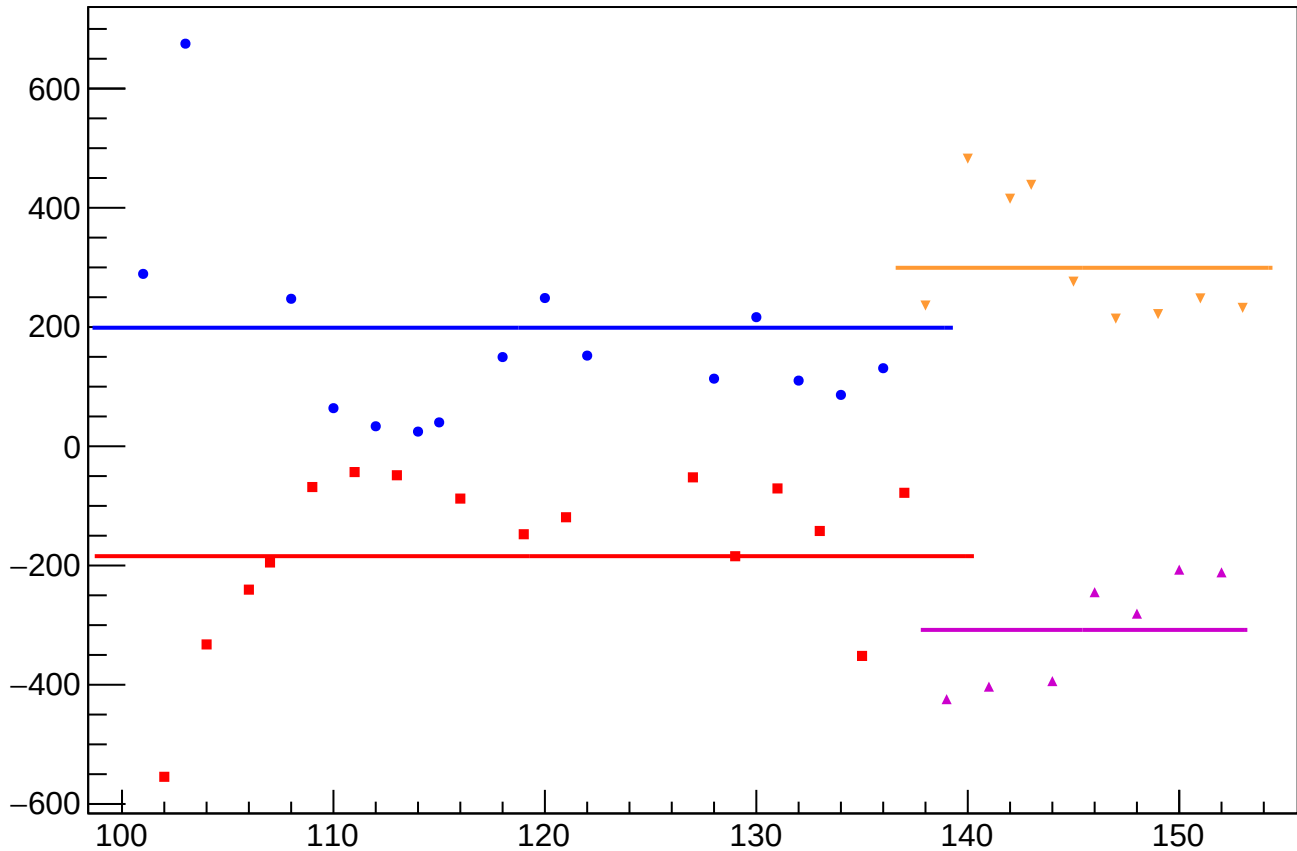
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam7_coil1_mean vs Slug, Sign Corrected



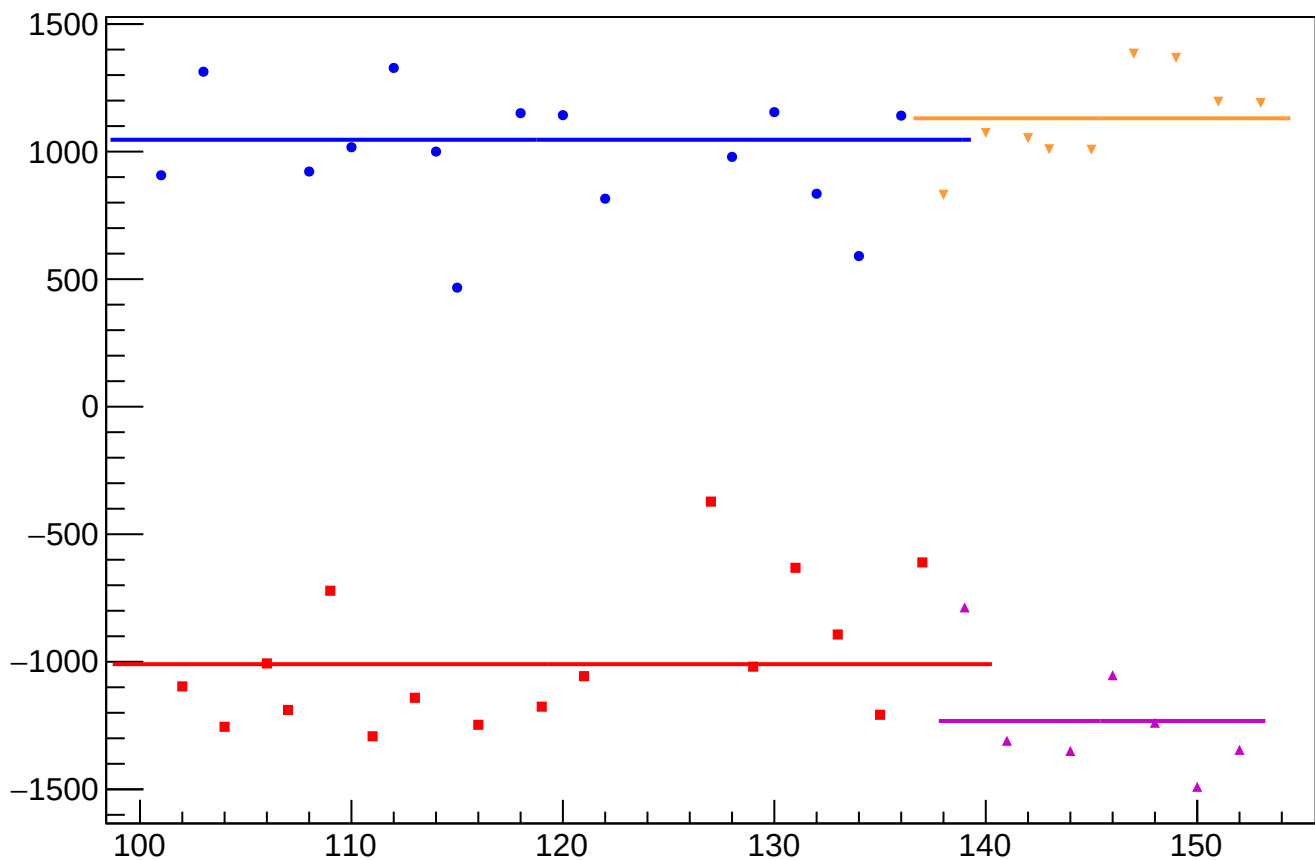
Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 18897.711+/-0.000 χ^2/NDF : 13088283759858253138346491448687899705344.0/8
 Right Out: -10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: -19688.157+/-0.000 χ^2/NDF : 6574038208627361946639785668593204592640.0/6
 All: 614.590+/-0.000 χ^2/NDF : 676662691494

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



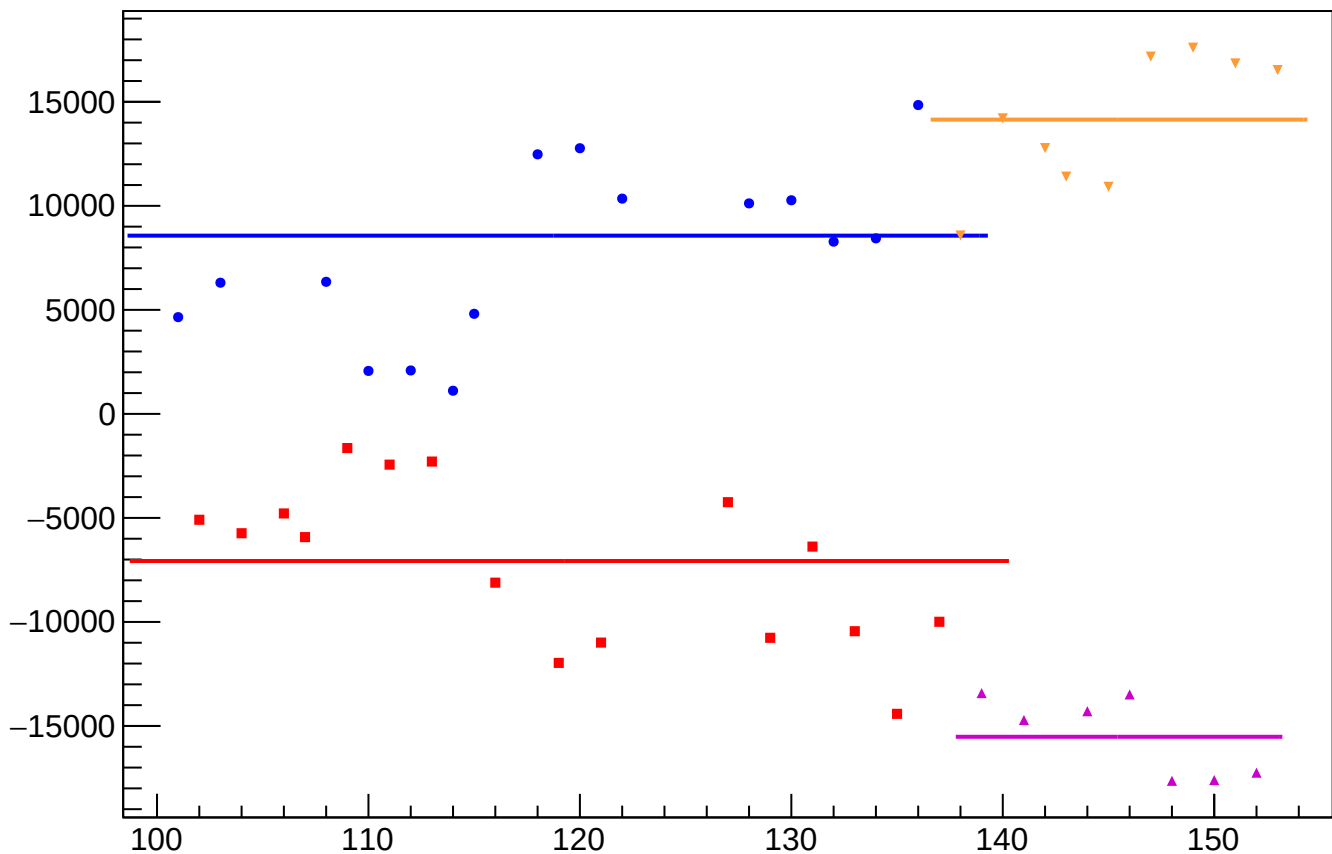
Right In: 198.850 +/- 0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Left Out: 299.374 +/- 0.000 χ^2/NDF : 6678621021367714767011729712353378304.0/8
 Right Out: -184.328 +/- 0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15
 Left In: -307.996 +/- 0.000 χ^2/NDF : 4653927707086870973967377481410281472.0/6
 All: 9.362 +/- 0.000 χ^2/NDF : 21037450558029

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



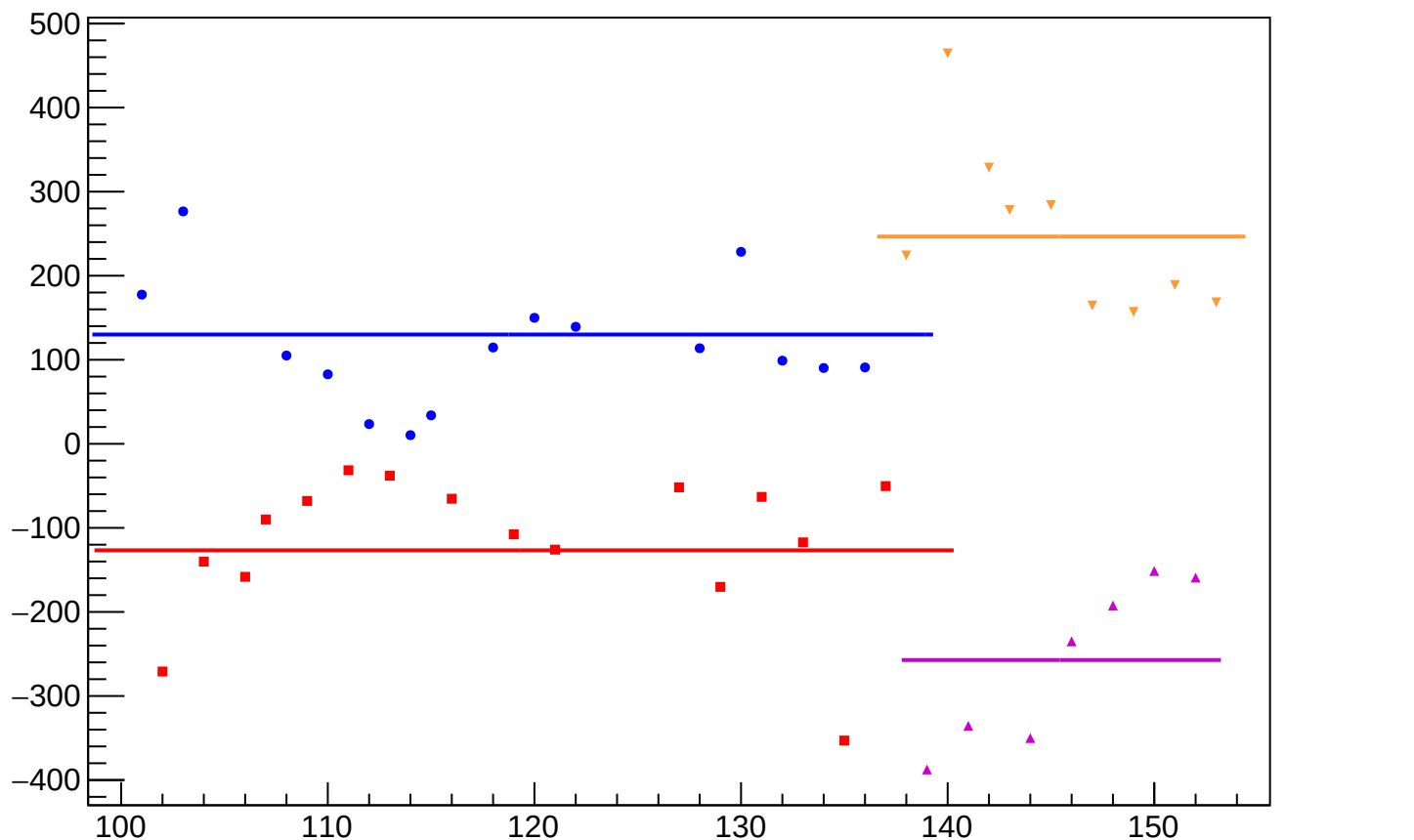
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1130.493+/-0.000 χ^2/NDF : 20120490540226280517278959515063025664.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_sam8_coil1_mean vs Slug, Sign Corrected



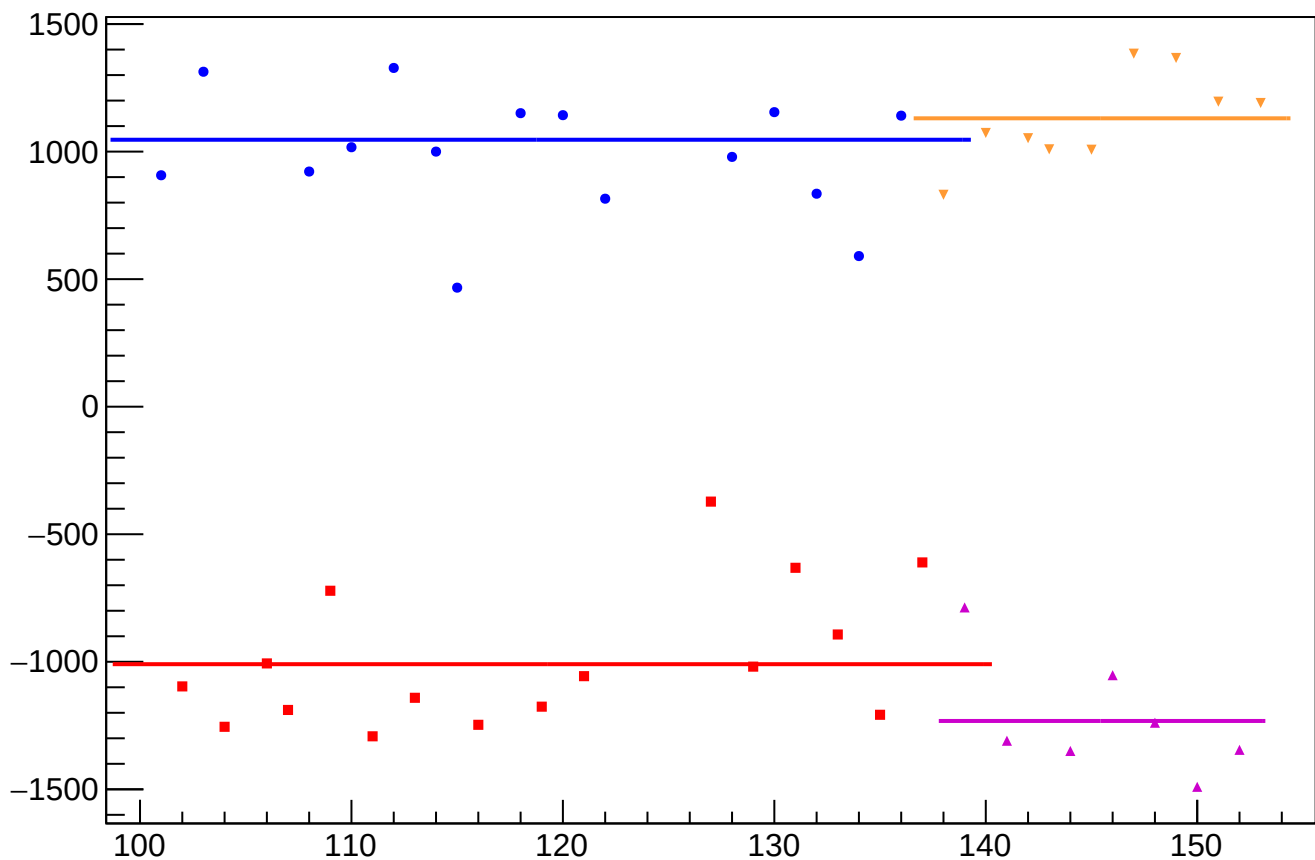
Right In: 8567.784 $\pm$ 0.000 χ^2 /NDF: 11106048878972501366429055679645708451840.0/14
 Left Out: 14144.123 $\pm$ 0.000 χ^2 /NDF: 6616197631489477666054935154033879416832.0/8
 Right Out: -7069.884 $\pm$ 0.000 χ^2 /NDF: 10076862363502652111378210539664387866624.0/15
 Left In: -15519.844 $\pm$ 0.000 χ^2 /NDF: 1918634983765955343741749539578744668160.0/6
 All: 432.802 $\pm$ 0.000 χ^2 /NDF: 390369234113

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 130.021 $\pm$ 0.000 χ^2 /NDF: 3115259987552341725946418665378283520.0/14
 Left Out: 246.567 $\pm$ 0.000 χ^2 /NDF: 6400868292353104917562233837766836224.0/8
 Right Out: -126.709 $\pm$ 0.000 χ^2 /NDF: 5397122581297664561308621600668516352.0/15
 Left In: -257.214 $\pm$ 0.000 χ^2 /NDF: 4913800289486875674352565953190952960.0/6
 All: 4.901 $\pm$ 0.000 χ^2 /NDF: 12235968456215

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1130.493+/-0.000

χ^2/NDF : 20120490540226280517278959515063025664.0/8

Right Out: -1009.445+/-0.000

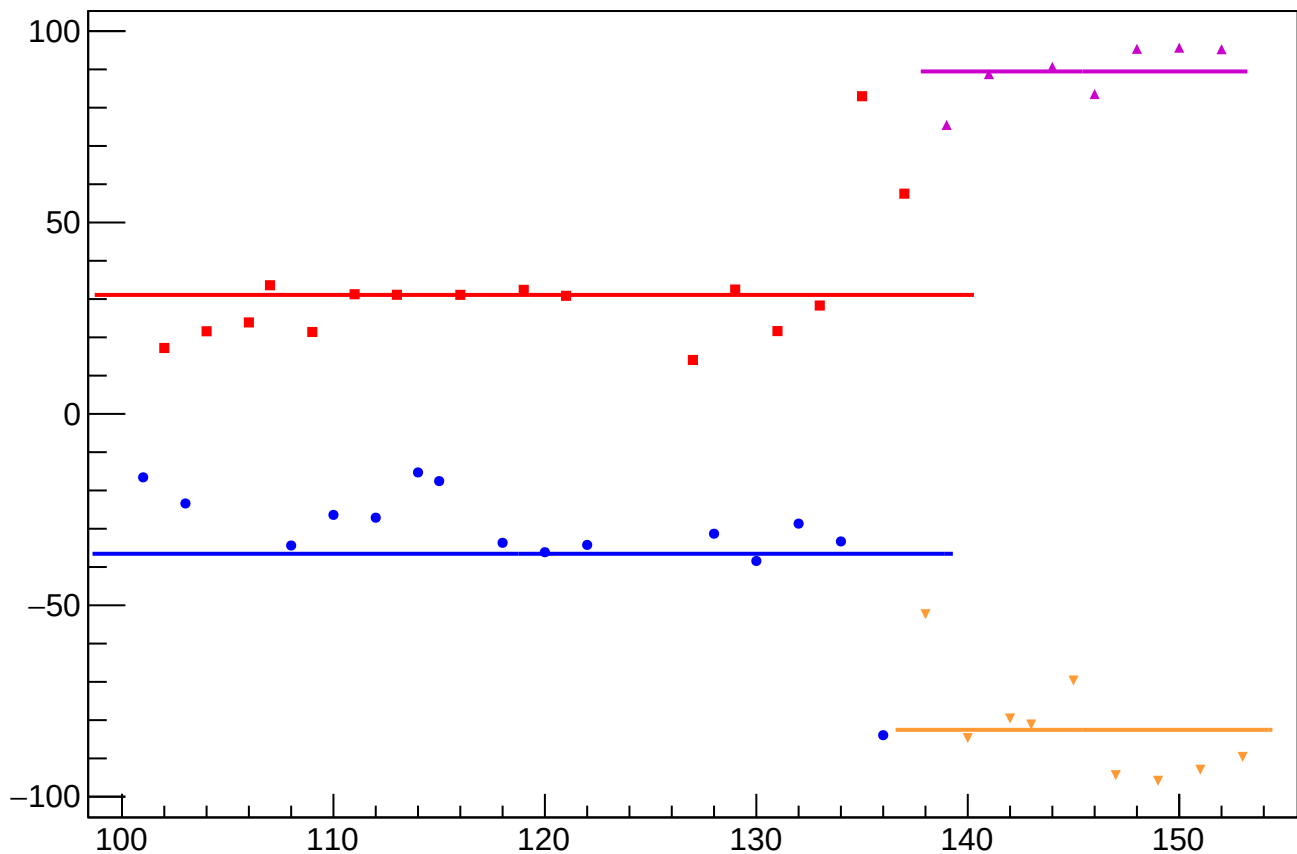
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: 12.770+/-0.000 χ^2/NDF : 3284452547478

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -36.540 ± 0.000

Left Out: -82.530 ± 0.000

Right Out: 31.085 ± 0.000

Left In: 89.460 ± 0.000

$\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$

$\chi^2/\text{NDF}: 123953876517892922407971990555066368.0/8$

$\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$

$\chi^2/\text{NDF}: 28235488490324759413580043751784448.0/6$

Left: -1.783 ± 0.000 $\chi^2/\text{NDF}: 95679329136115344$

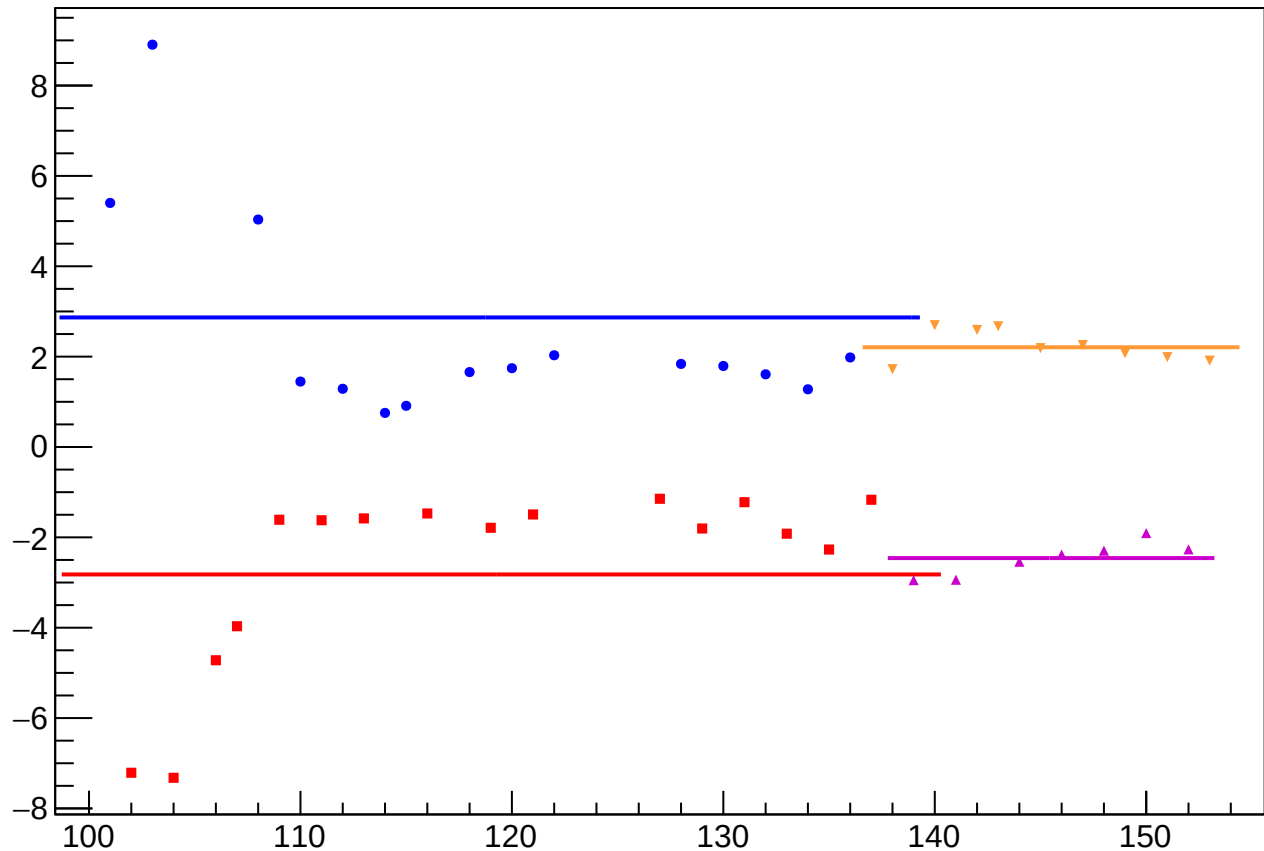
Right: -2.265 ± 0.000 $\chi^2/\text{NDF}: 1939933040270060$

In: 23.988 ± 0.000 $\chi^2/\text{NDF}: 523222140000184175$

Out: -26.187 ± 0.000 $\chi^2/\text{NDF}: 4645396269312946$

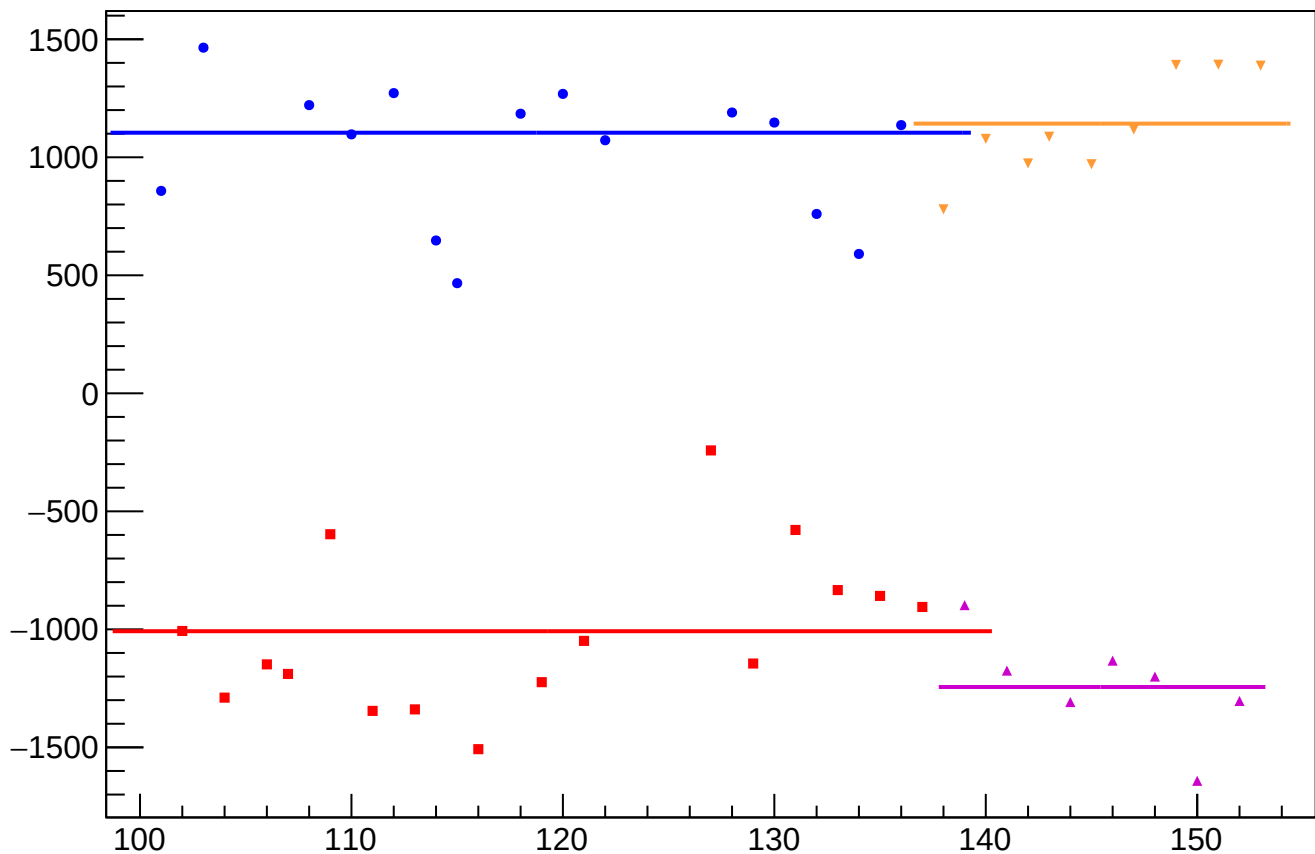
All: -2.028 ± 0.000 $\chi^2/\text{NDF}: 1150801619638$

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



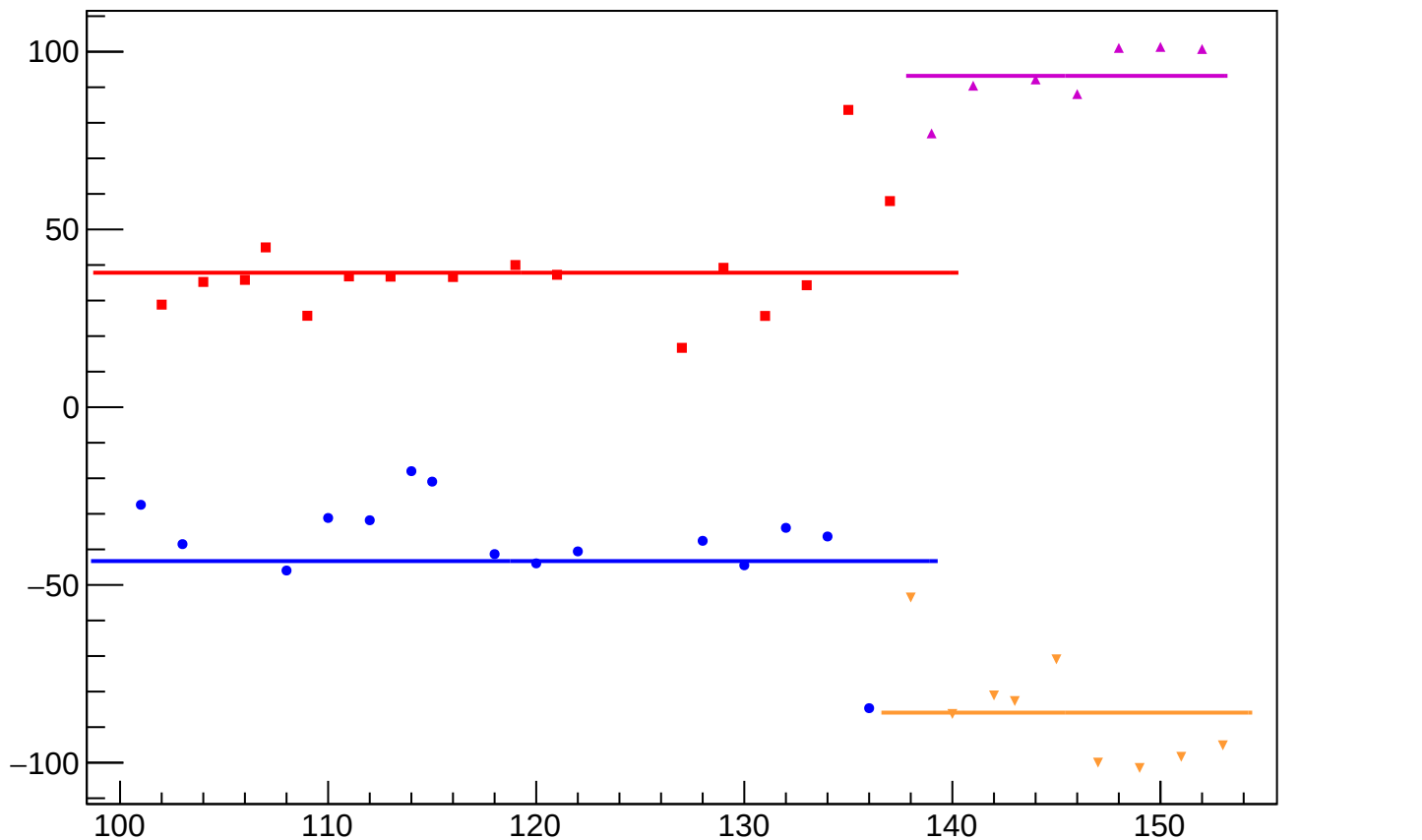
Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.207 $\pm$ 0.000 χ^2 /NDF: 72002148337403581032489589669888.0/8
 Right Out: -2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: -2.459 $\pm$ 0.000 χ^2 /NDF: 73351016678416022632192622460928.0/6
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24228746378704

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: 22.052+/-0.000	χ^2/NDF : 18695533985657070
Left Out: 1142.645+/-0.000	χ^2/NDF : 29713715013962771151769332826777845760.0/8	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: -23.990+/-0.000	χ^2/NDF : 17784291707389582
Left In: -1244.218+/-0.000	χ^2/NDF : 26392004693340000926541147830371745792.0/6	Out: 76.164+/-0.000	χ^2/NDF : 16537986646544220
	All: 27.940+/-0.000		χ^2/NDF : 3438723806252

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: -43.289+/-0.000

Left Out: -85.917+/-0.000

Right Out: 37.832+/-0.000

Left In: 93.208+/-0.000

χ^2/NDF : 199342736778845281087197523996573696.0/14

χ^2/NDF : 156713282337154501252419234050342912.0/8

χ^2/NDF : 148683933977204936634636843897323520.0/15

χ^2/NDF : 40322441629177003529400664111185920.0/6

Left: -1.821+/-0.000 χ^2/NDF : 10410248484580983

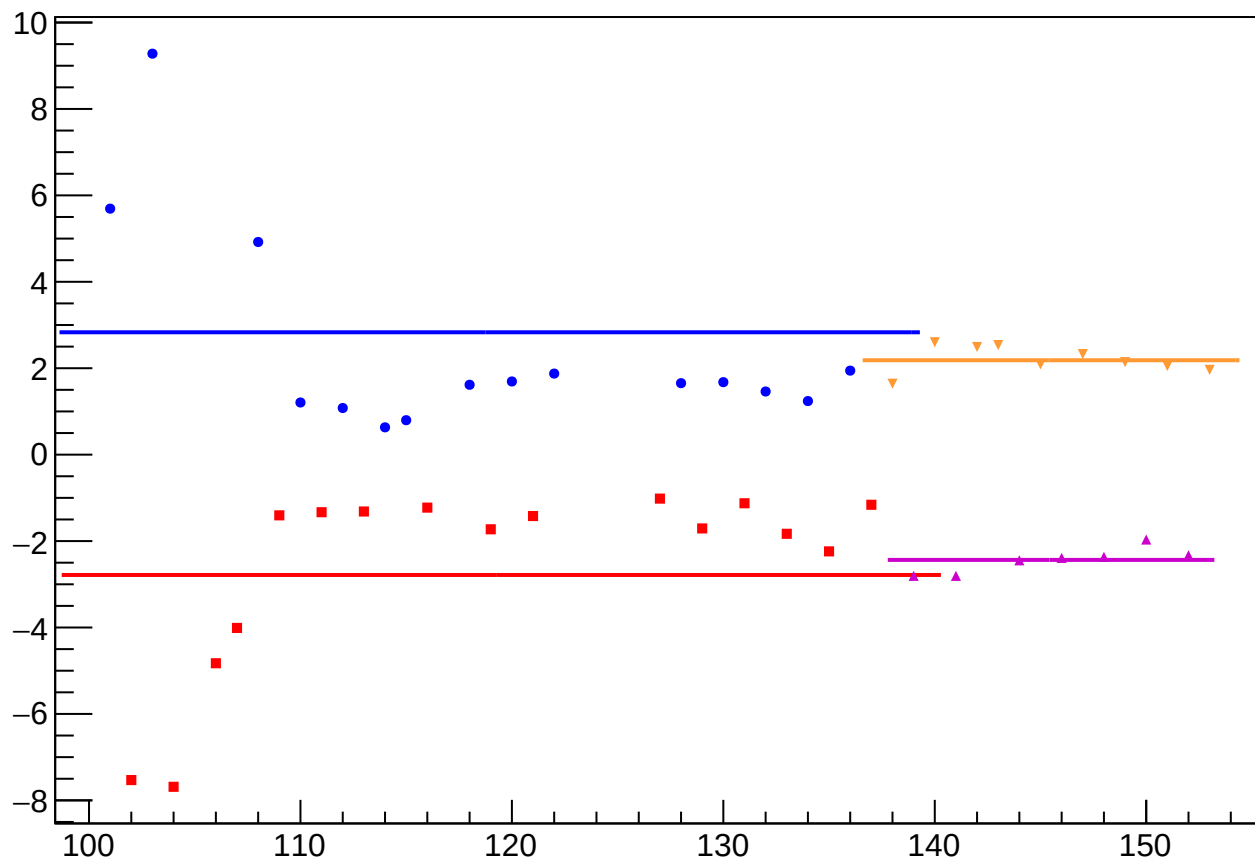
Right: -2.174+/-0.000 χ^2/NDF : 2512687101518028

In: 22.282+/-0.000 χ^2/NDF : 604838968260334795

Out: -24.549+/-0.000 χ^2/NDF : 5454373648923764

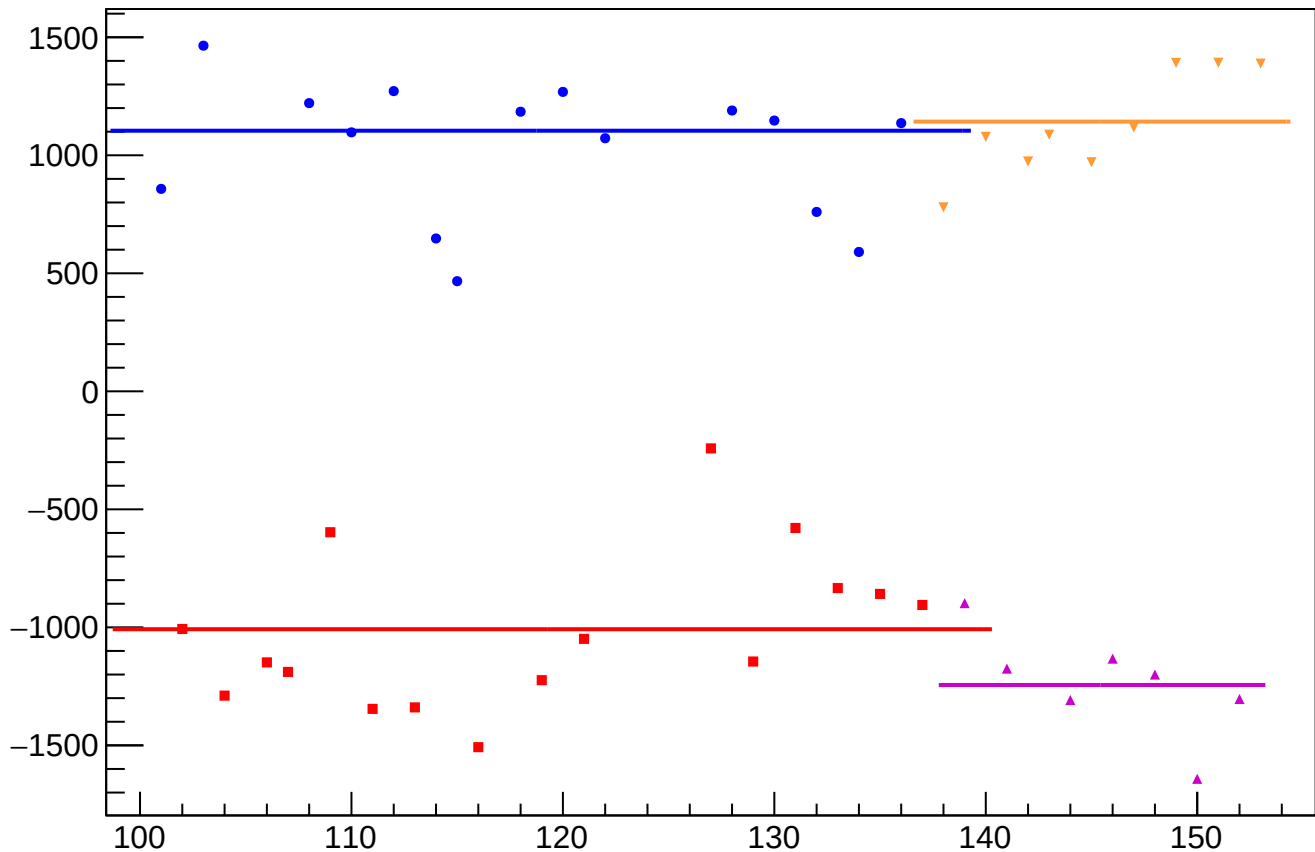
All: -2.000+/-0.000 χ^2/NDF : 1292301625867

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



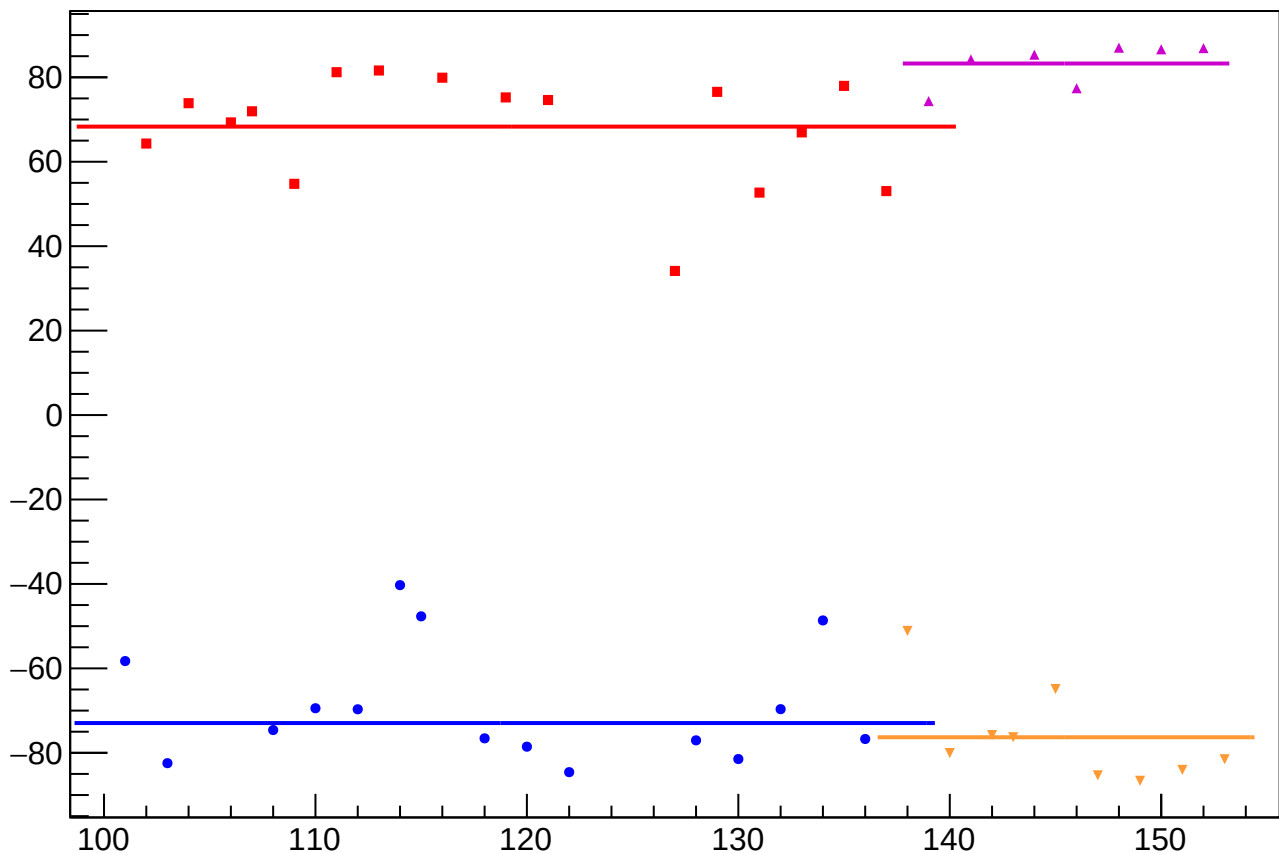
Left: 0.015 +/- 0.000 χ^2/NDF : 689673436854606405
 Right: -0.015 +/- 0.000 χ^2/NDF : 1792170452533502
 In: 0.301 +/- 0.000 χ^2/NDF : 1265259189801675248
 Out: -0.280 +/- 0.000 χ^2/NDF : 11947859376272937
 All: 0.000 +/- 0.000 χ^2/NDF : 24819020950374

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



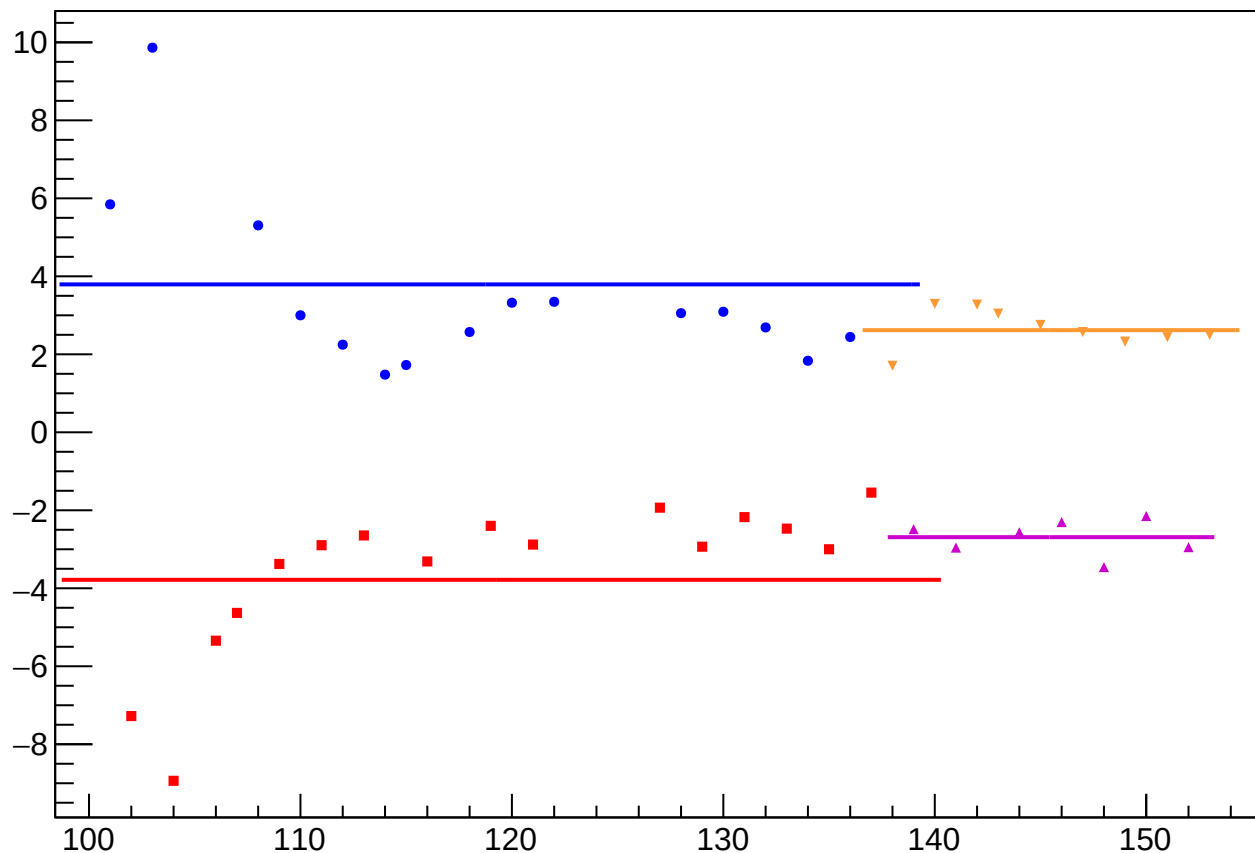
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_11X12X_coil3_mean vs Slug, Sign Corrected



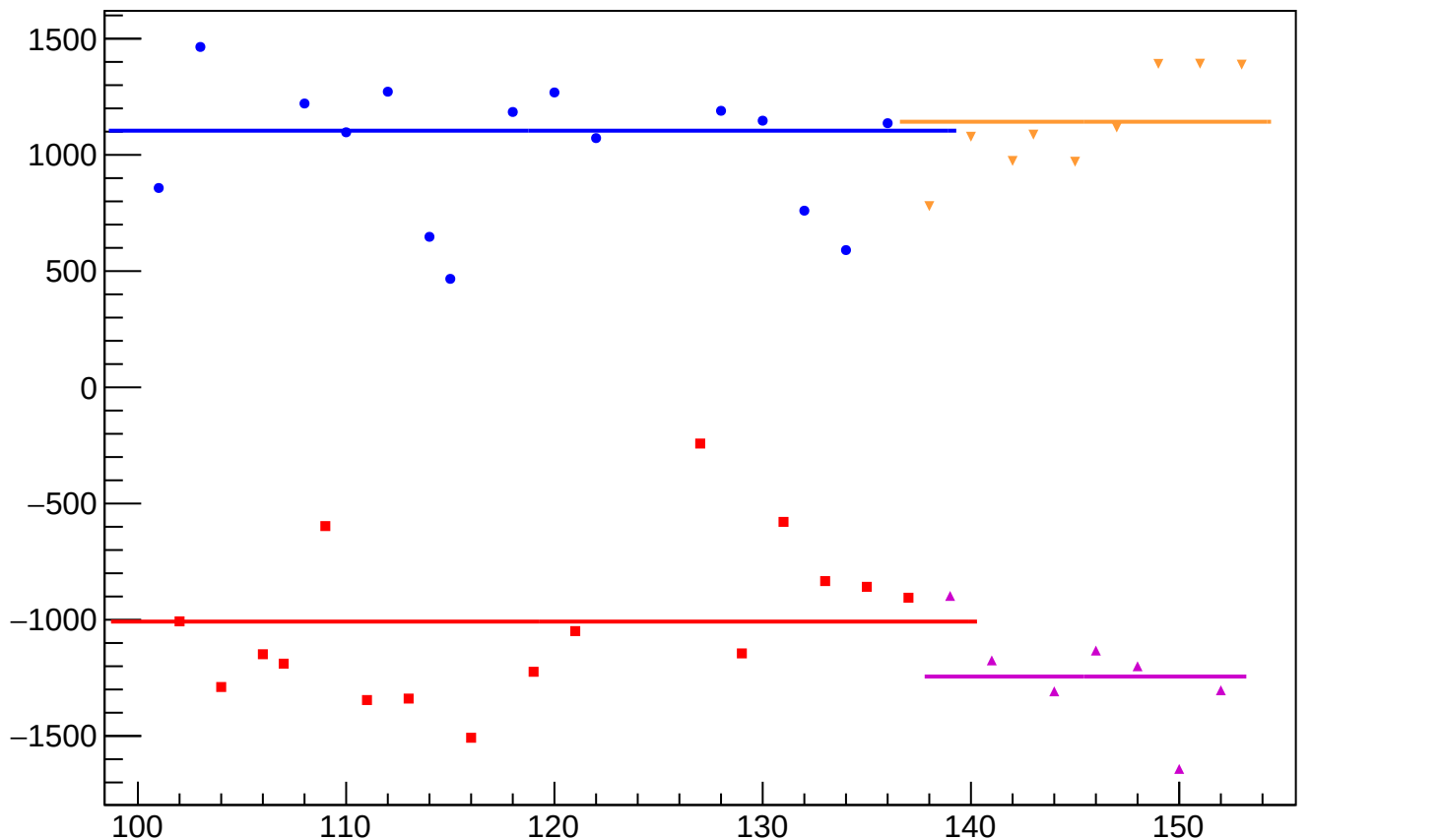
Right In: -72.949+/-0.000	χ^2/NDF : 65755428464857980306879126291087360.0/14	Left: -1.394+/-0.000	χ^2/NDF : 82029222066185509
Left Out: -76.316+/-0.000	χ^2/NDF : 83376940721939566069714337241497600.0/8	Right: -1.347+/-0.000	χ^2/NDF : 6737392391922205
Right Out: 68.324+/-0.000	χ^2/NDF : 106694344898202364483367131372584960.0/15	In: 2.095+/-0.000	χ^2/NDF : 768725615656286526
Left In: 83.269+/-0.000	χ^2/NDF : 13103152898817614311278505449488384.0/6	Out: -4.588+/-0.000	χ^2/NDF : 72241363467711341
		All: -1.370+/-0.000	χ^2/NDF : 1494031603119

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



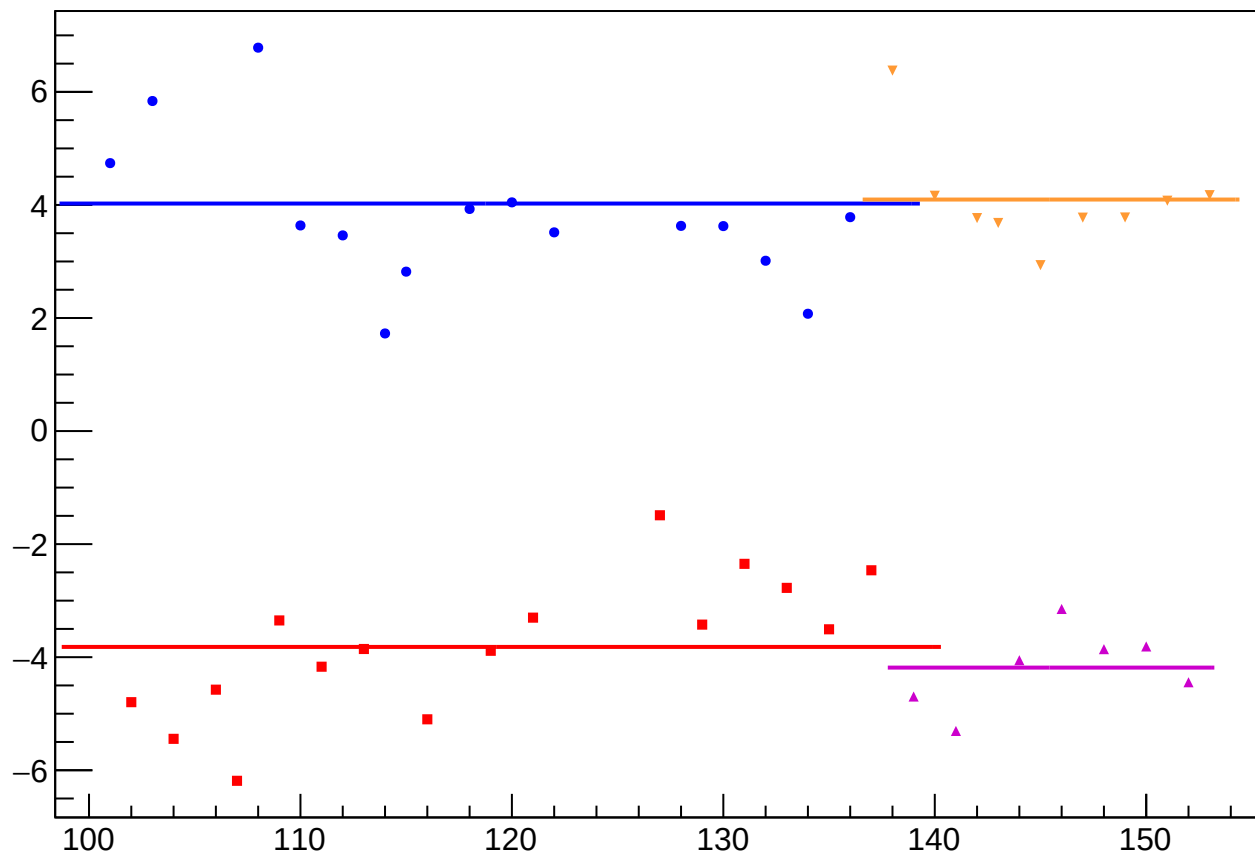
Right In: 3.793 ± 0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.620 ± 0.000 χ^2/NDF : 146796772251029553242439864549376.0/8
 Right Out: -3.783 ± 0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.690 ± 0.000 χ^2/NDF : 105287312404143987583996657664000.0/6
 All: 0.039 ± 0.000 χ^2/NDF : 34209210728327

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

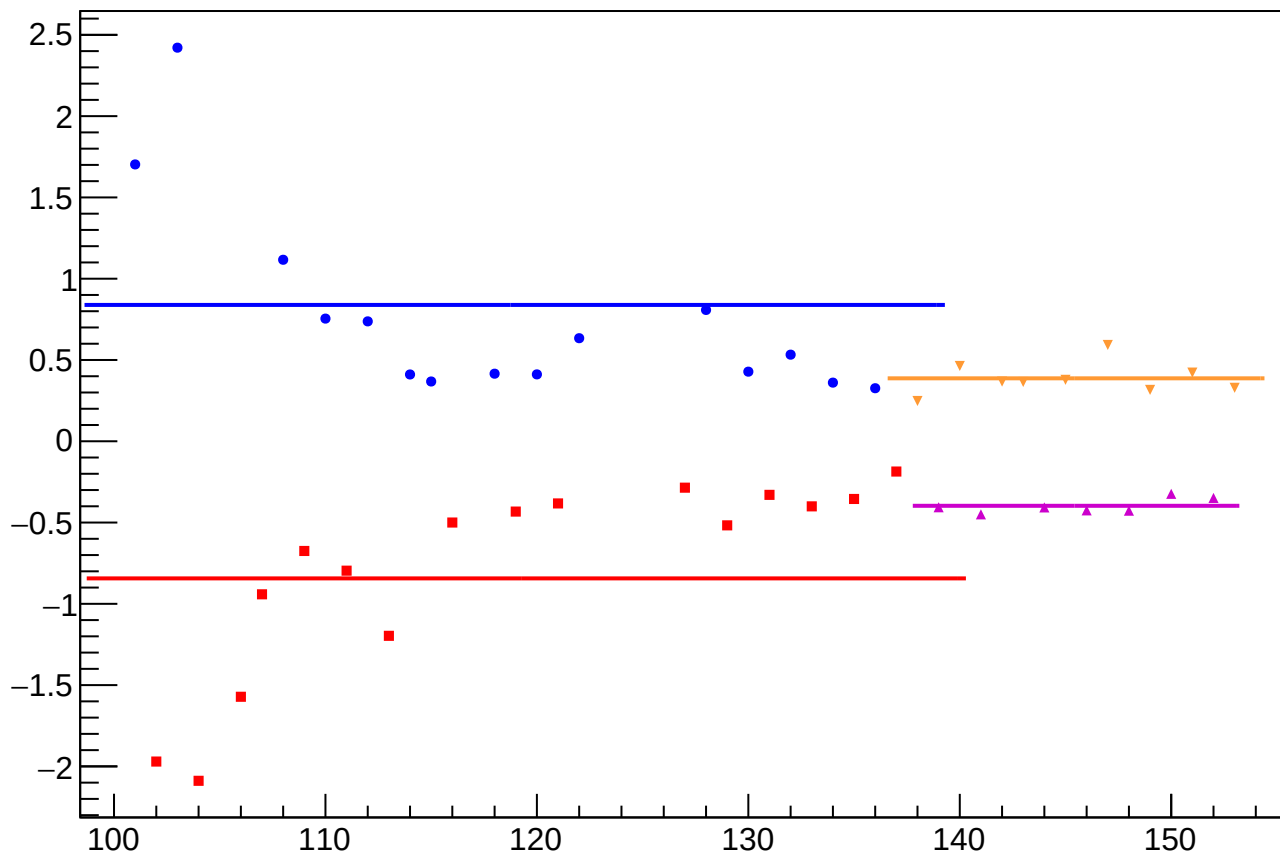
dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: 0.208+/-0.000 χ^2/NDF : 226180509507397490
 Right: 0.050+/-0.000 χ^2/NDF : 21892754887879739
 In: 0.081+/-0.000 χ^2/NDF : 2202605813998867926
 Out: 0.171+/-0.000 χ^2/NDF : 224958738700445422
 All: 0.128+/-0.000 χ^2/NDF : 44527141951105

Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Left Out: 4.096+/-0.000 χ^2/NDF : 548735256446826061743814000771072.0/8
 Right Out: -3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15
 Left In: -4.184+/-0.000 χ^2/NDF : 24628497116757169635724200667264.0/6

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839+/-0.000

χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.387+/-0.000

χ^2/NDF : 6144720660207564692150561013760.0/8

Right Out: -0.844+/-0.000

χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: -0.397+/-0.000

χ^2/NDF : 1090604665866244330487950606336.0/6

Left: 0.019+/-0.000 χ^2/NDF : 202955407691802020

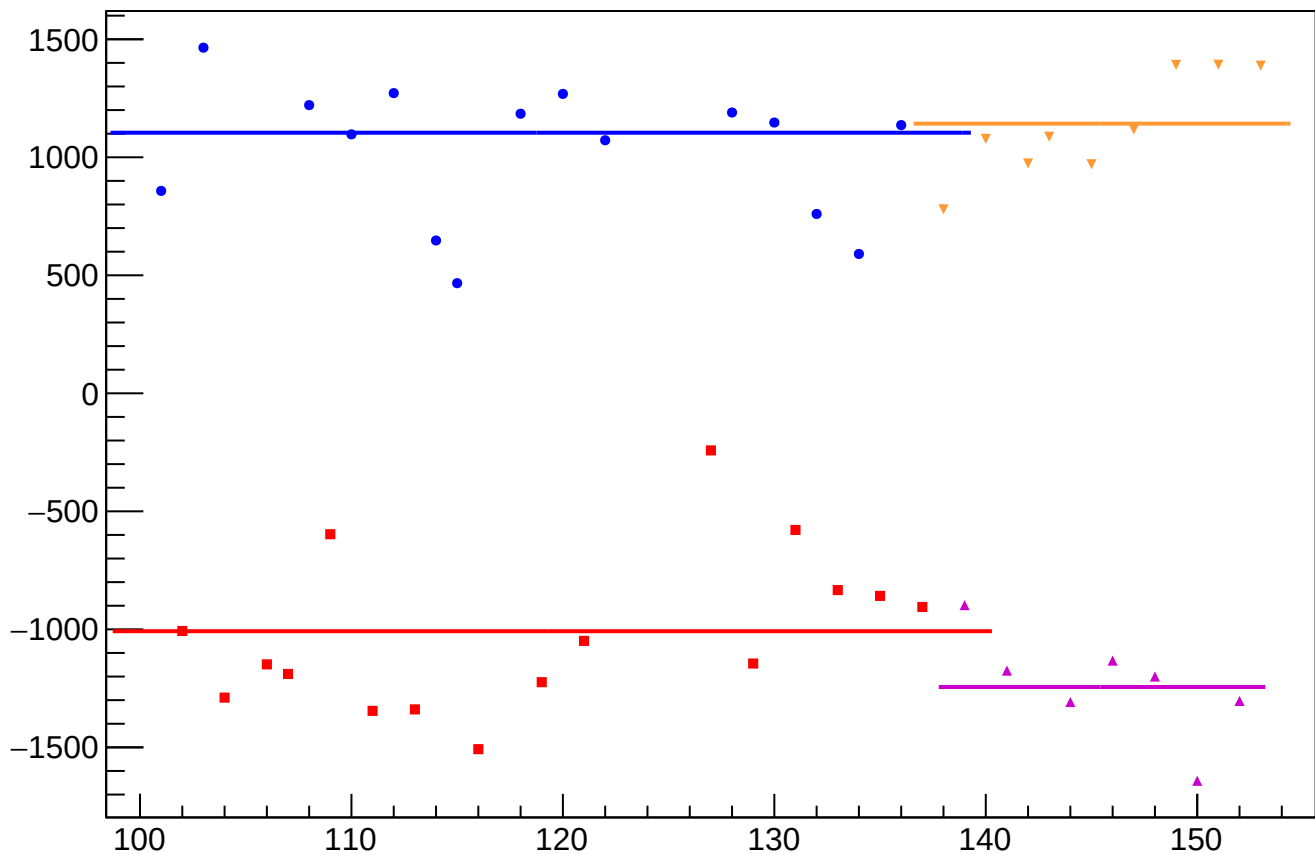
Right: -0.014+/-0.000 χ^2/NDF : 1442205906502244

In: 0.245+/-0.000 χ^2/NDF : 7355564324291605083

Out: -0.223+/-0.000 χ^2/NDF : 76830982595386608

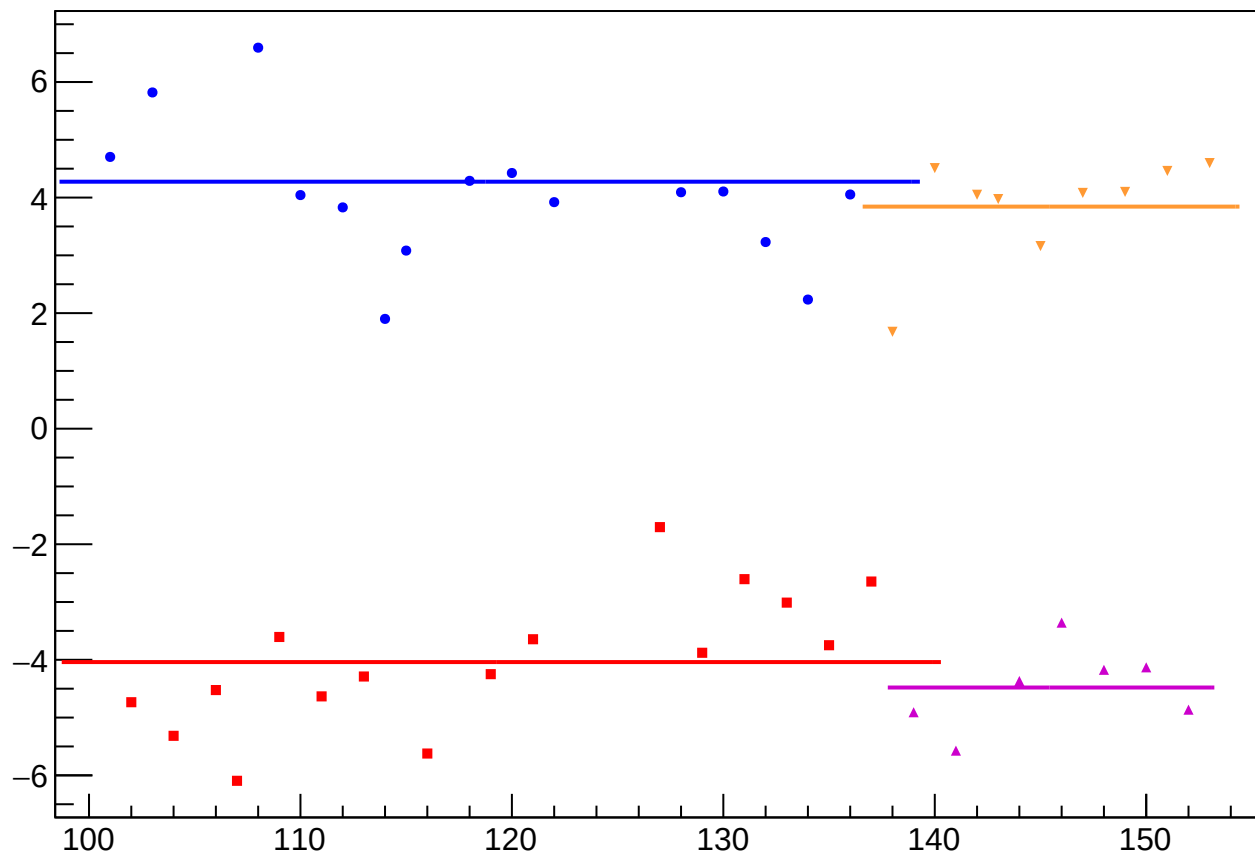
All: 0.002+/-0.000 χ^2/NDF : 16458645053939

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



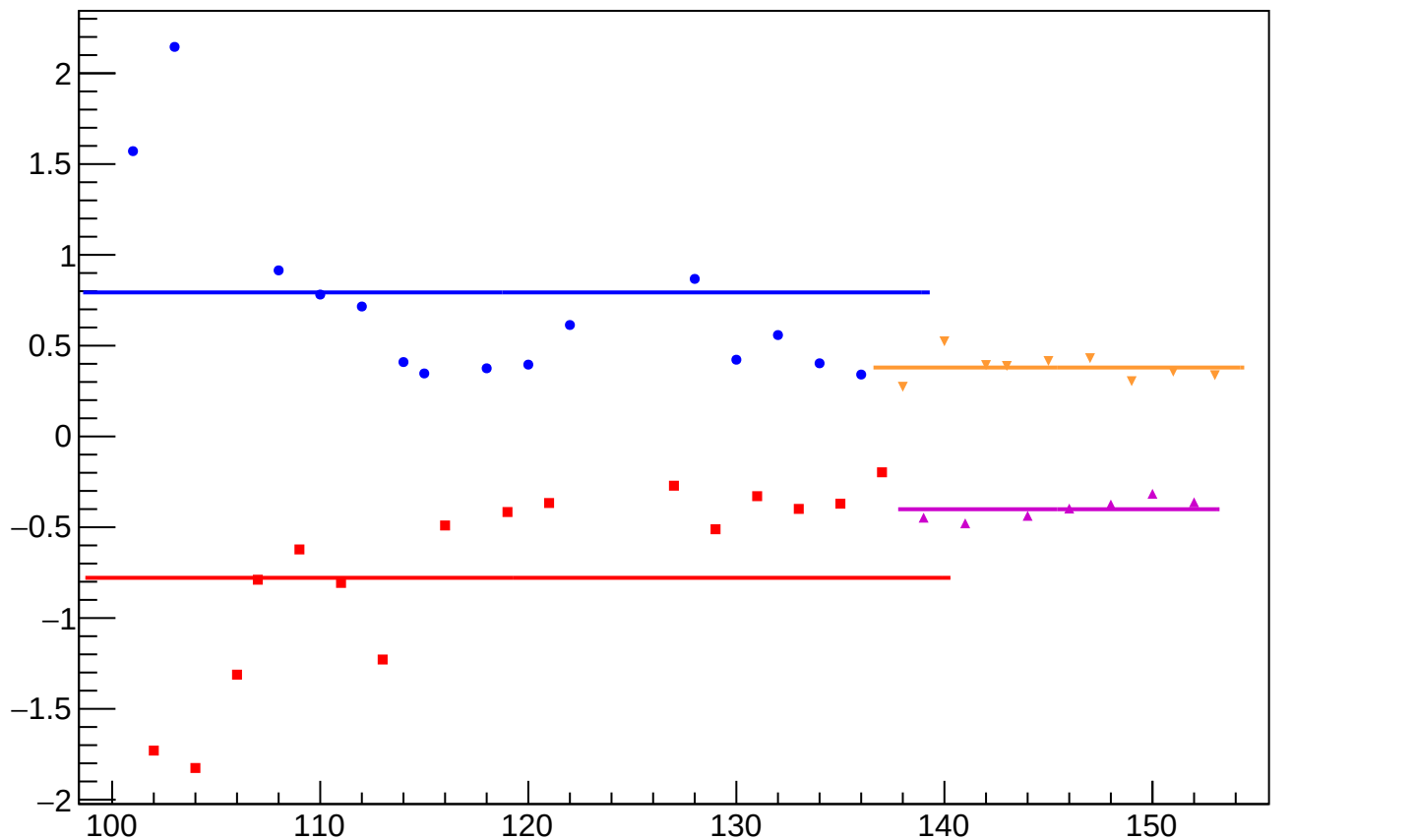
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

dit_4eY_coil3_mean vs Slug, Sign Corrected



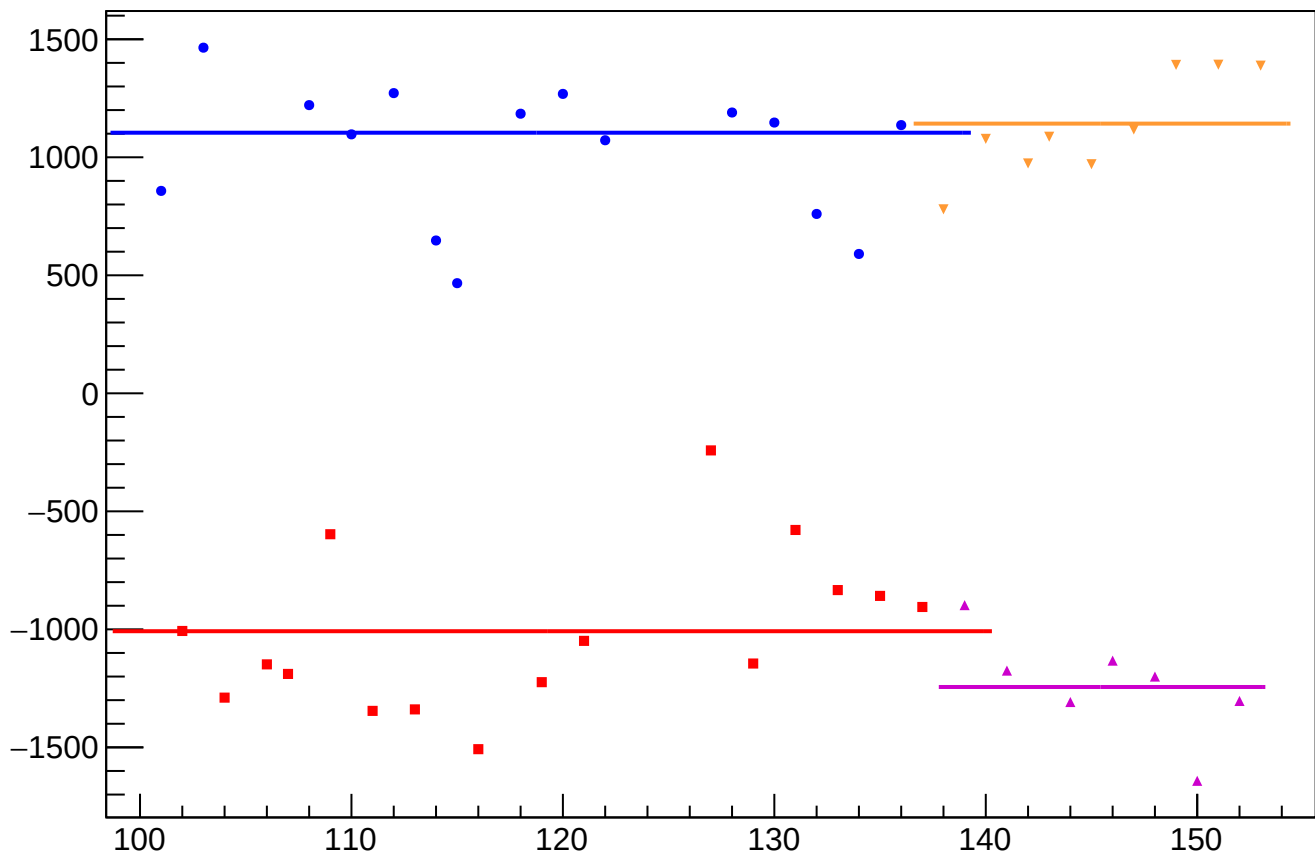
Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.844+/-0.000 χ^2/NDF : 530873085835951334274237682679808.0/8
 Right Out: -4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: -4.480+/-0.000 χ^2/NDF : 253880571801501983669724005793792.0/6
 All: -0.001+/-0.000 χ^2/NDF : 4695543013821

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



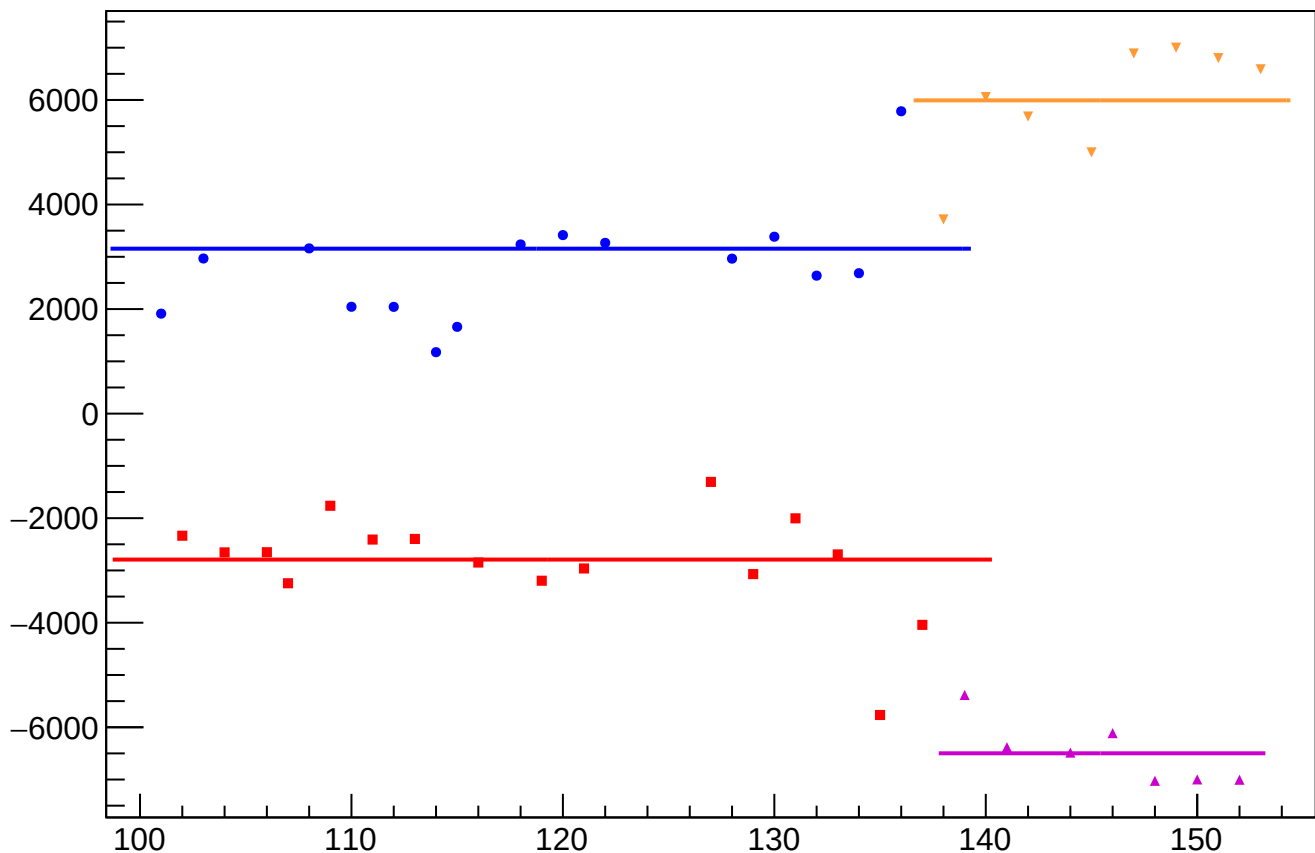
Left: 0.013 +/- 0.000 χ^2/NDF : 199071037116724791
 Right: -0.003 +/- 0.000 χ^2/NDF : 1193841006449656
 In: 0.220 +/- 0.000 χ^2/NDF : 6416444145038432905
 Out: -0.195 +/- 0.000 χ^2/NDF : 64027470452636673
 All: 0.005 +/- 0.000 χ^2/NDF : 13930898538079

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



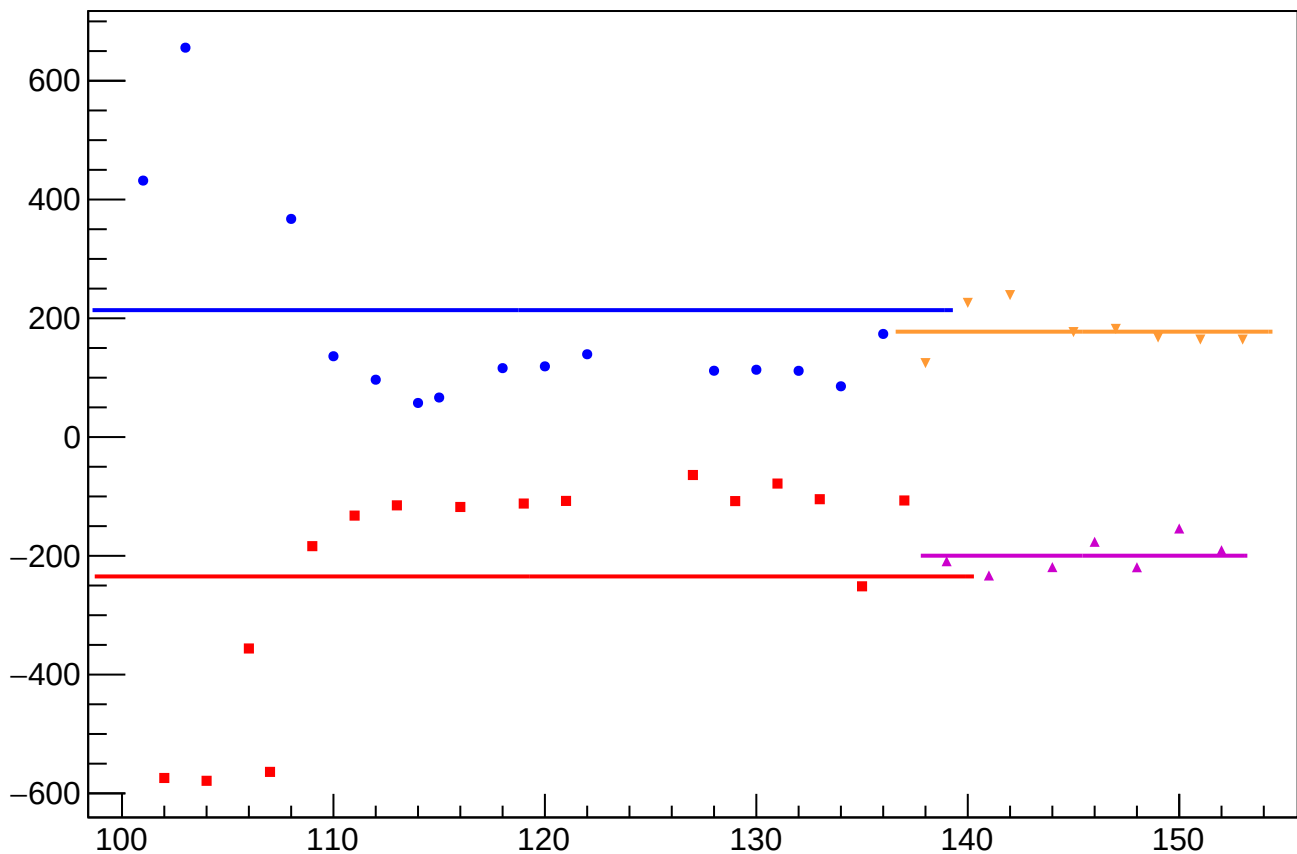
Left: 22.052 +/- 0.000 χ^2/NDF : 18695533985657070
 Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 Left Out: 1142.645 +/- 0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 In: -23.990 +/- 0.000 χ^2/NDF : 17784291707389582
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: 76.164 +/- 0.000 χ^2/NDF : 16537986646544220
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940 +/- 0.000 χ^2/NDF : 3438723806252

dit_usl_coil3_mean vs Slug, Sign Corrected



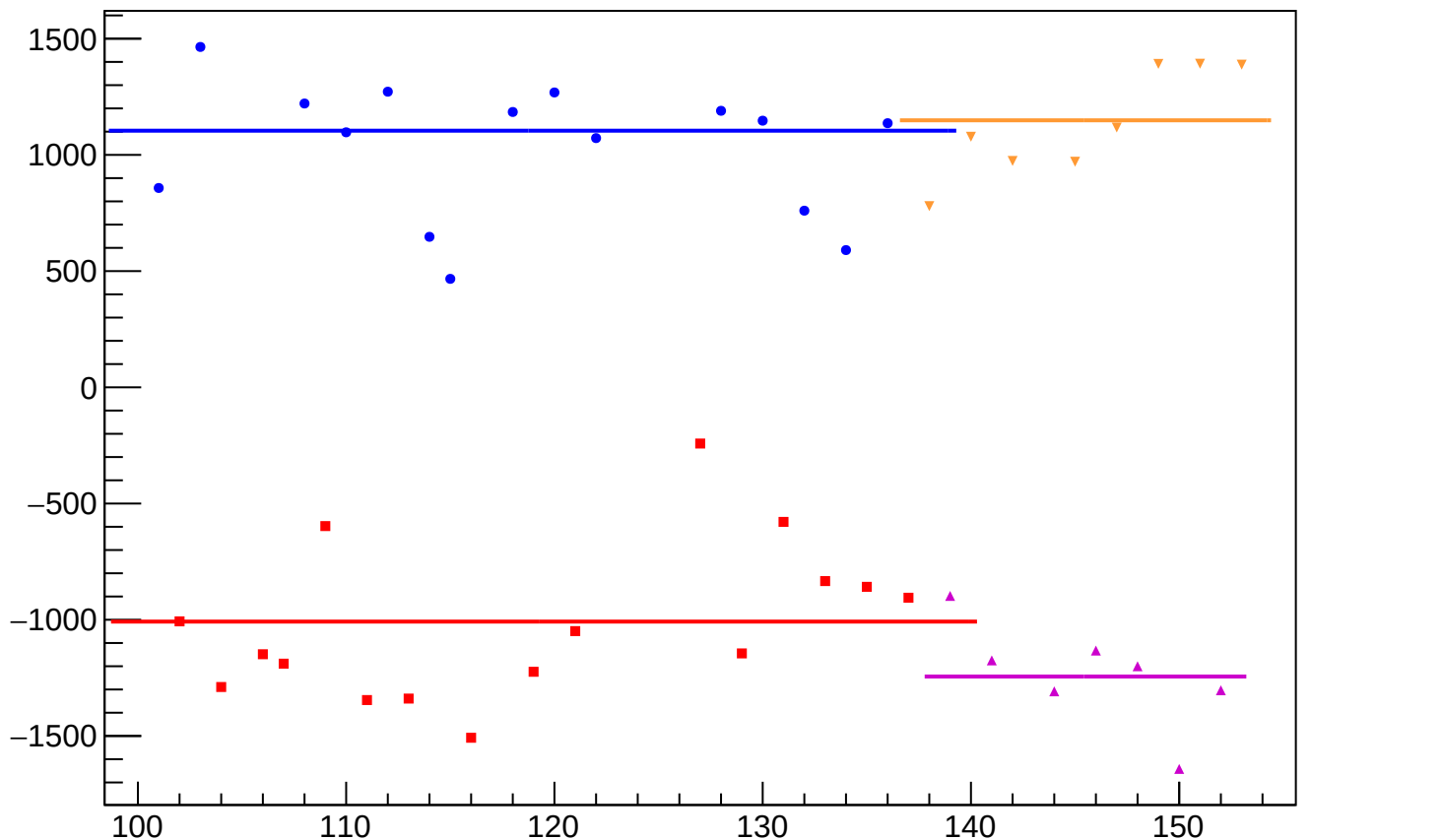
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5992.608+/-0.000 χ^2/NDF : 717848383474966199493853809664529006592.0/7
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6498.265+/-0.000 χ^2/NDF : 182441851917333797875479018022767689728.0/6
 All: -20.588+/-0.000 χ^2/NDF : 614180042034

dit_usl_coil3_err_mean vs Slug, Sign Corrected



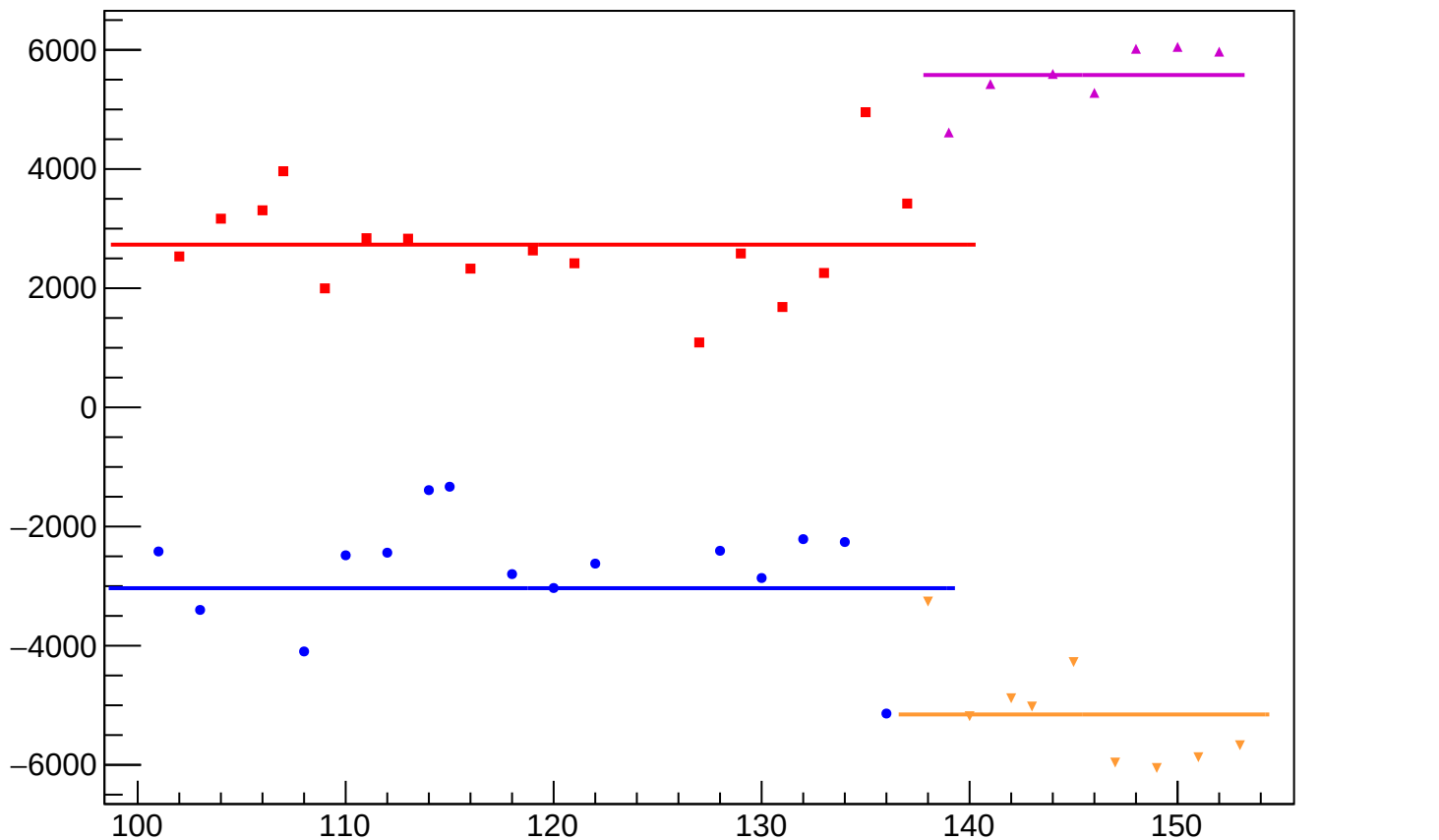
Left: -9.431 +/- 0.000 χ^2/NDF : 44118940354296932
 Right In: 213.739 +/- 0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Right: -13.554 +/- 0.000 χ^2/NDF : 109883652295878
 Left Out: 177.483 +/- 0.000 χ^2/NDF : 624585061959481836385633003508858880.0/7
 In: 15.095 +/- 0.000 χ^2/NDF : 734381480392981668
 Right Out: -234.712 +/- 0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Out: -37.646 +/- 0.000 χ^2/NDF : 7881816420119799
 Left In: -199.772 +/- 0.000 χ^2/NDF : 410013449376239999199286973526179840.0/6
 All: -11.578 +/- 0.000 χ^2/NDF : 154013309568

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1148.740 ± 0.000 χ^2/NDF : 29484007063916472432746143580652830720.0/7
 Right Out: -1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 ± 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -0.141 ± 0.000 χ^2/NDF : 3361574962122

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -5153.756+/-0.000

Right Out: 2731.035+/-0.000

Left In: 5577.924+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 528441612364449873988088627532927074304.0/8

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 134629416696297493237368804511395610624.0/6

Left: -115.409+/-0.000 χ^2/NDF : 373224856057930

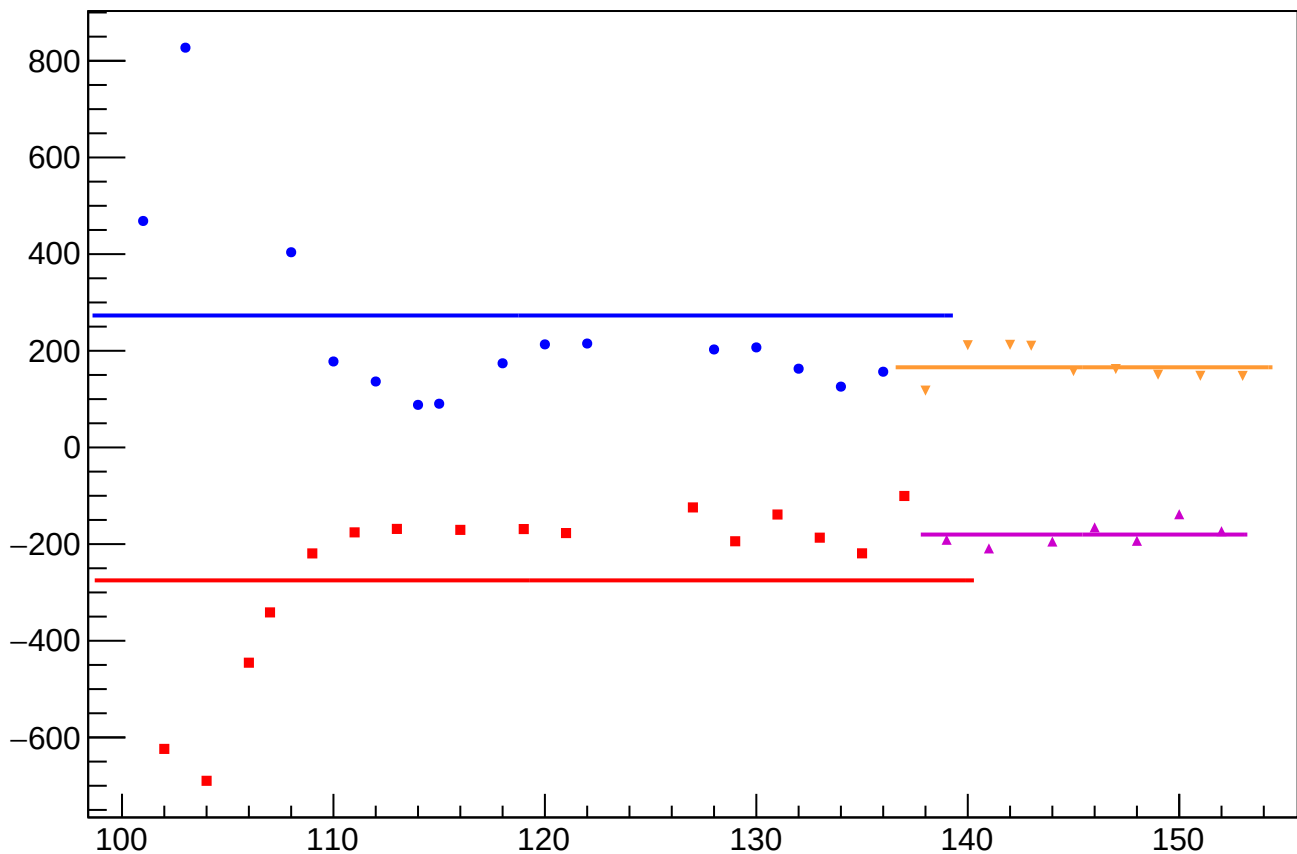
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: 1102.759+/-0.000 χ^2/NDF : 2389060775911630

Out: -1243.603+/-0.000 χ^2/NDF : 21959971193381

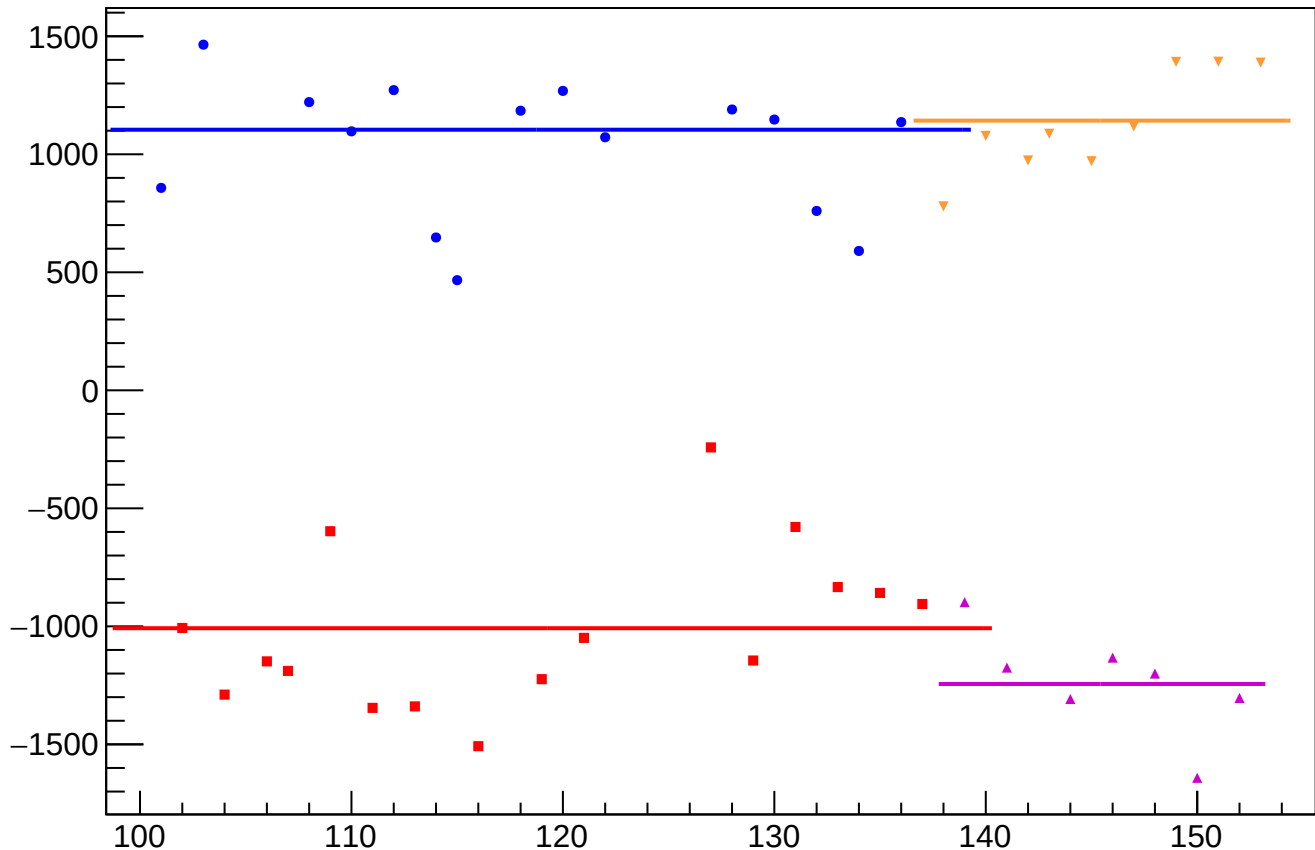
All: -113.840+/-0.000 χ^2/NDF : 49415951960

dit_usr_coil3_err_mean vs Slug, Sign Corrected



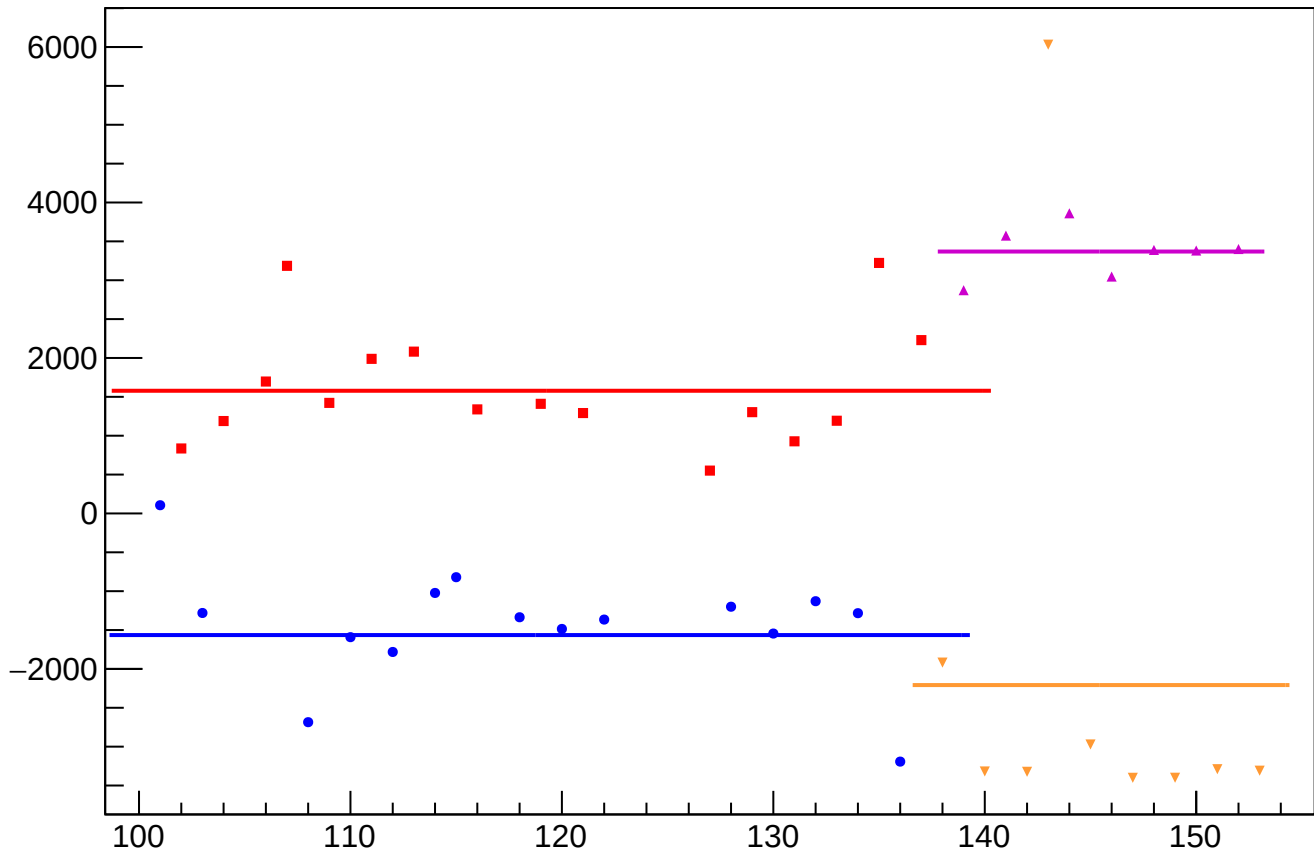
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 165.869+/-0.000 χ^2/NDF : 661817443292026218868564783024570368.0/8
 Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: -180.231+/-0.000 χ^2/NDF : 295083494301163874733846234107215872.0/6
 All: -0.744+/-0.000 χ^2/NDF : 1866905057352

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -2207.888+/-0.000

Right Out: 1578.178+/-0.000

Left In: 3369.090+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 5183211537986702201357393337470666407936.0/8

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 53895254410054321687854820162388623360.0/6

Left: 410.411+/-0.000 χ^2/NDF : 1513739887354361

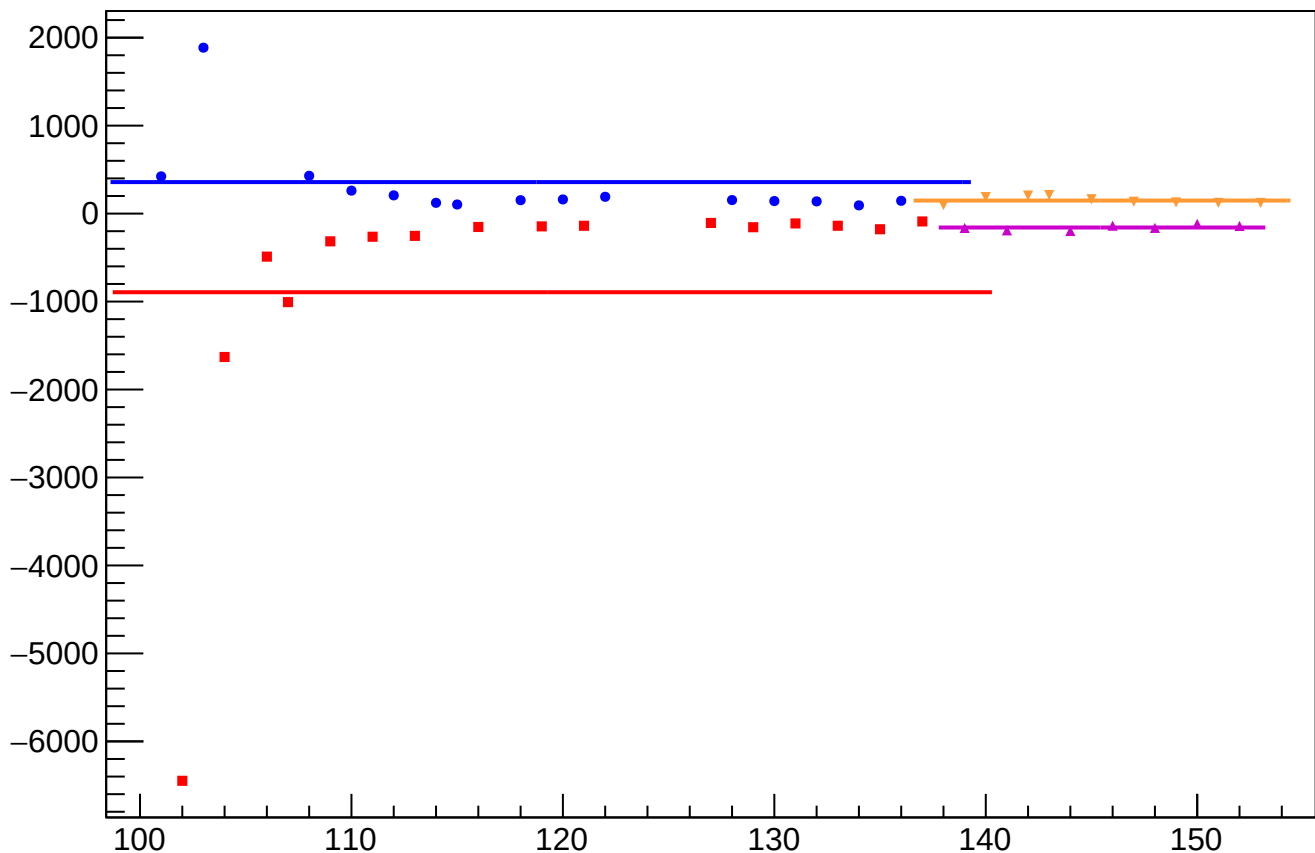
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: 805.470+/-0.000 χ^2/NDF : 81266275400090821

Out: -330.337+/-0.000 χ^2/NDF : 103712474851815

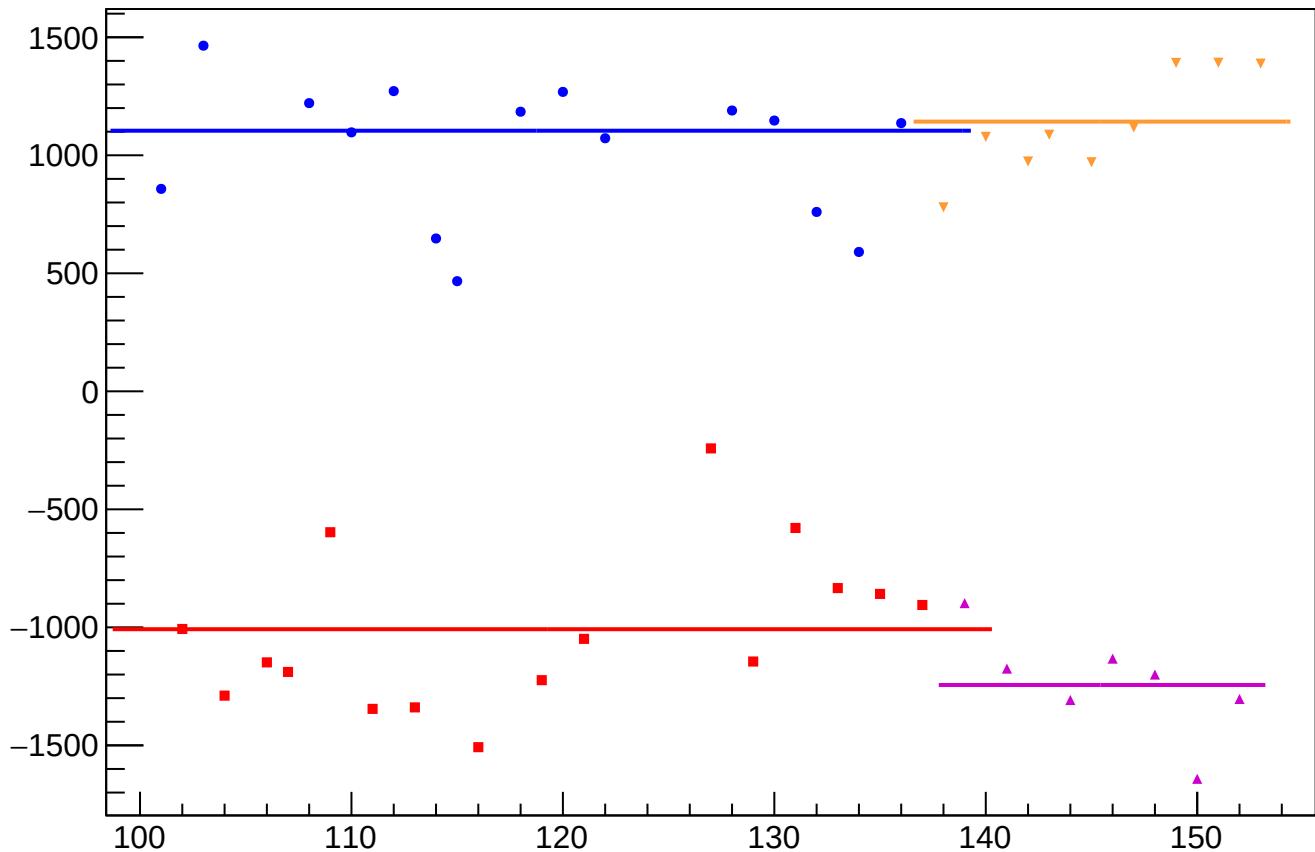
All: 216.549+/-0.000 χ^2/NDF : 193333314204

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



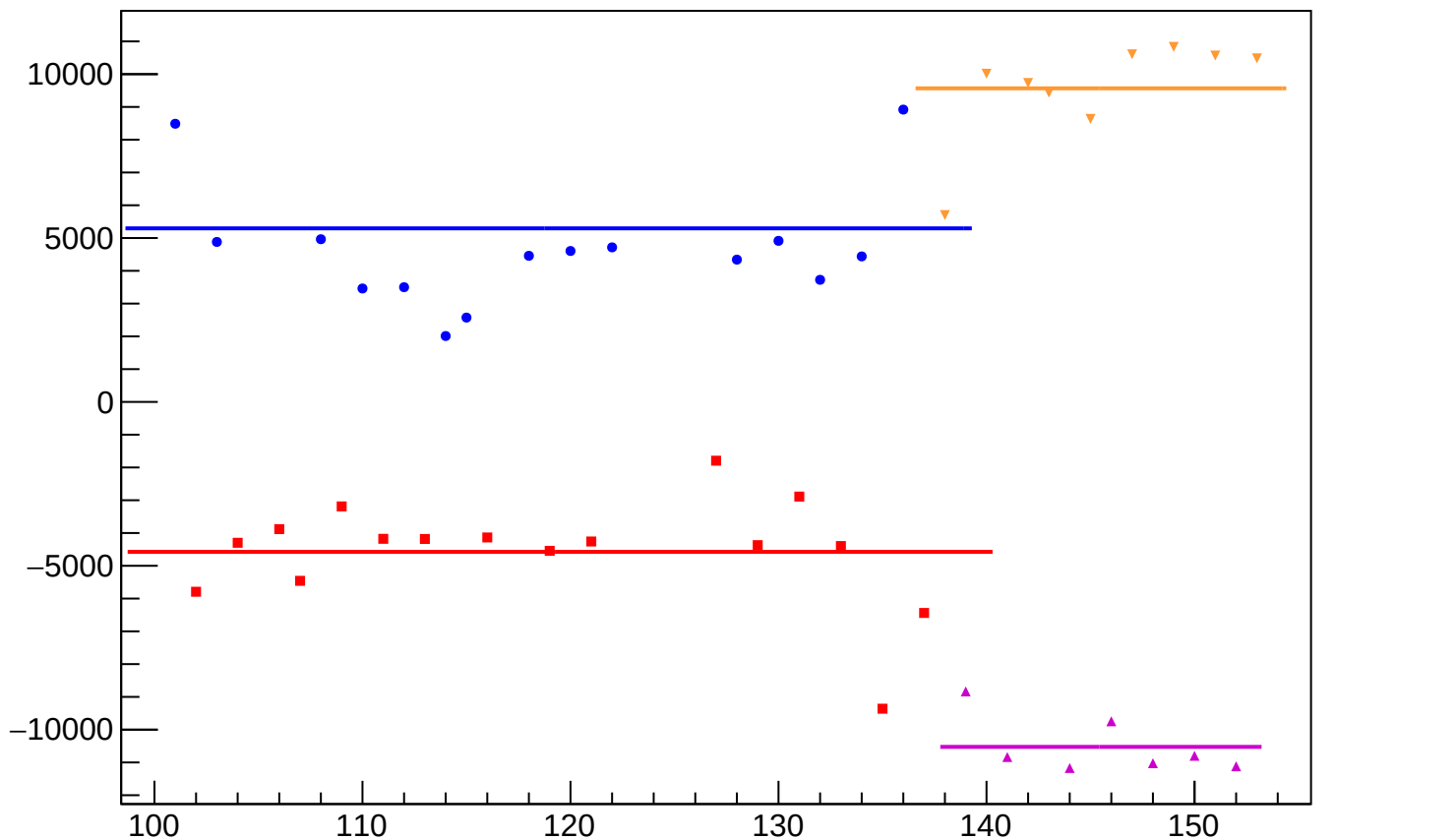
Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 148.486 +/- 0.000 χ^2/NDF : 929486005195196844827809127673626624.0/8
 Right Out: -893.897 +/- 0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: -158.170 +/- 0.000 χ^2/NDF : 457816092756946383433859450309443584.0/6
 All: -138.035 +/- 0.000 χ^2/NDF : 28319470905

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



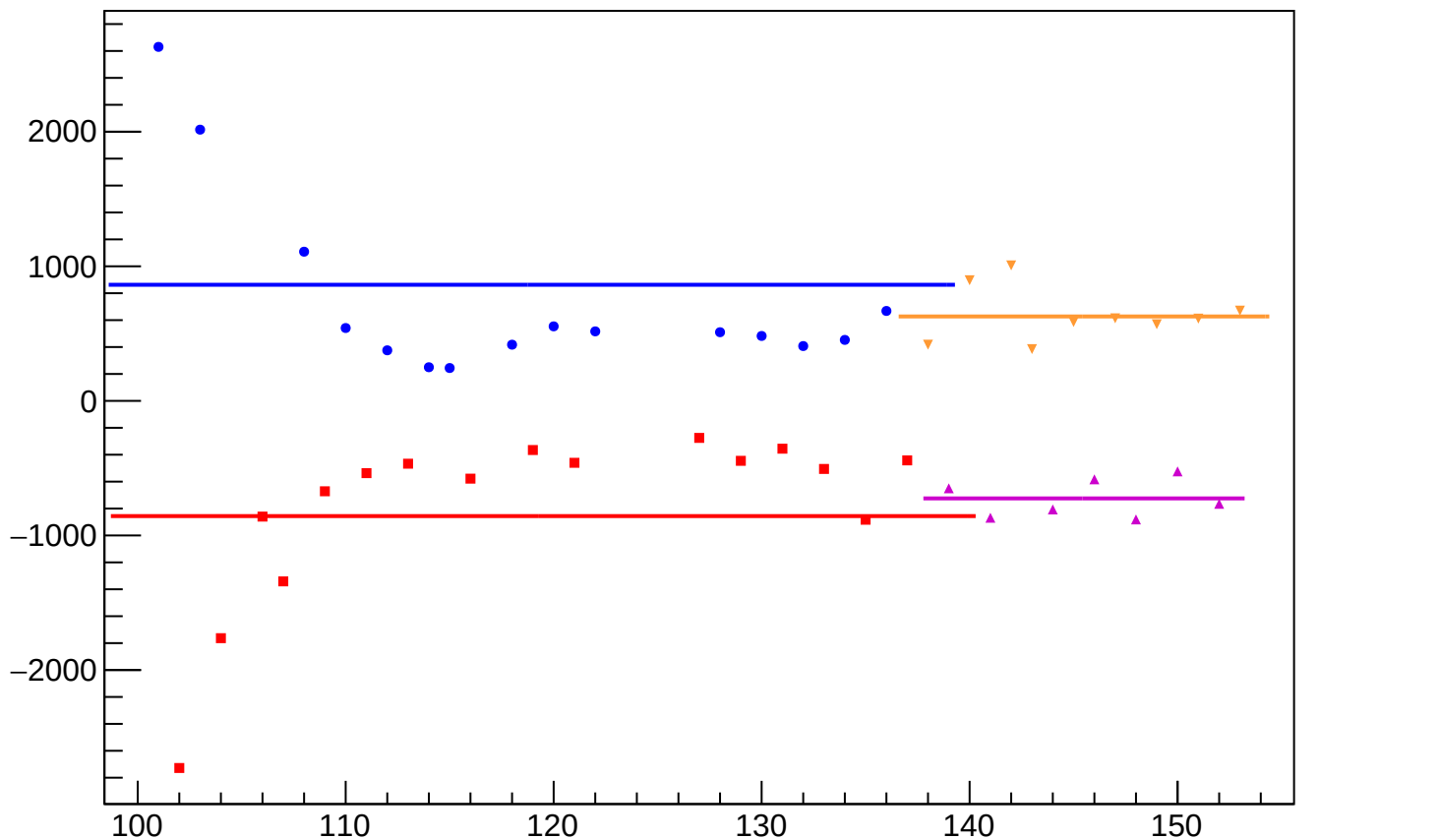
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_atl2_coil3_mean vs Slug, Sign Corrected



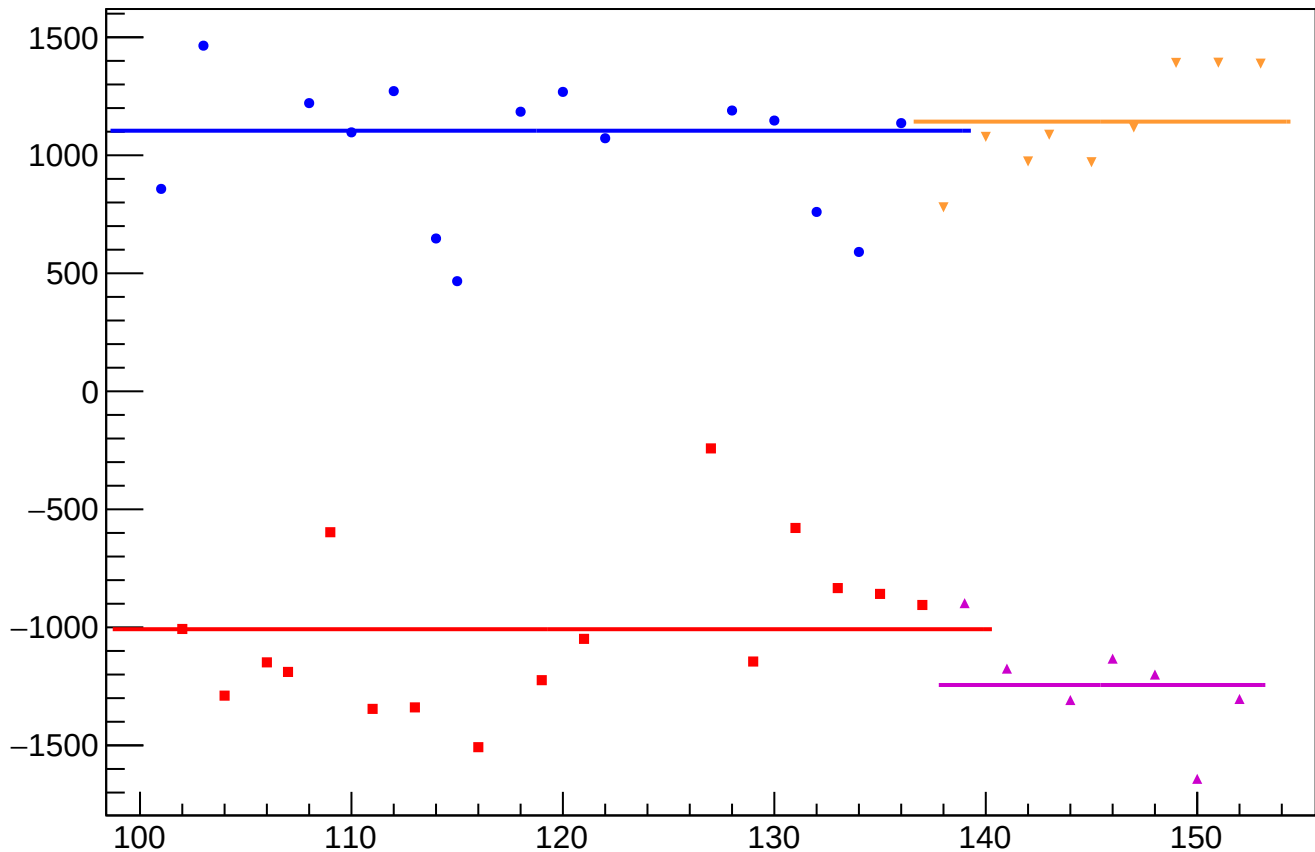
Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9567.665+/-0.000 χ^2/NDF : 1622054916436427539297095319099988246528.0/8
 Right Out: -4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: -10525.063+/-0.000 χ^2/NDF : 385459350295087065276699399206616432640.0/6
 All: 214.689+/-0.000 χ^2/NDF : 166949092183

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



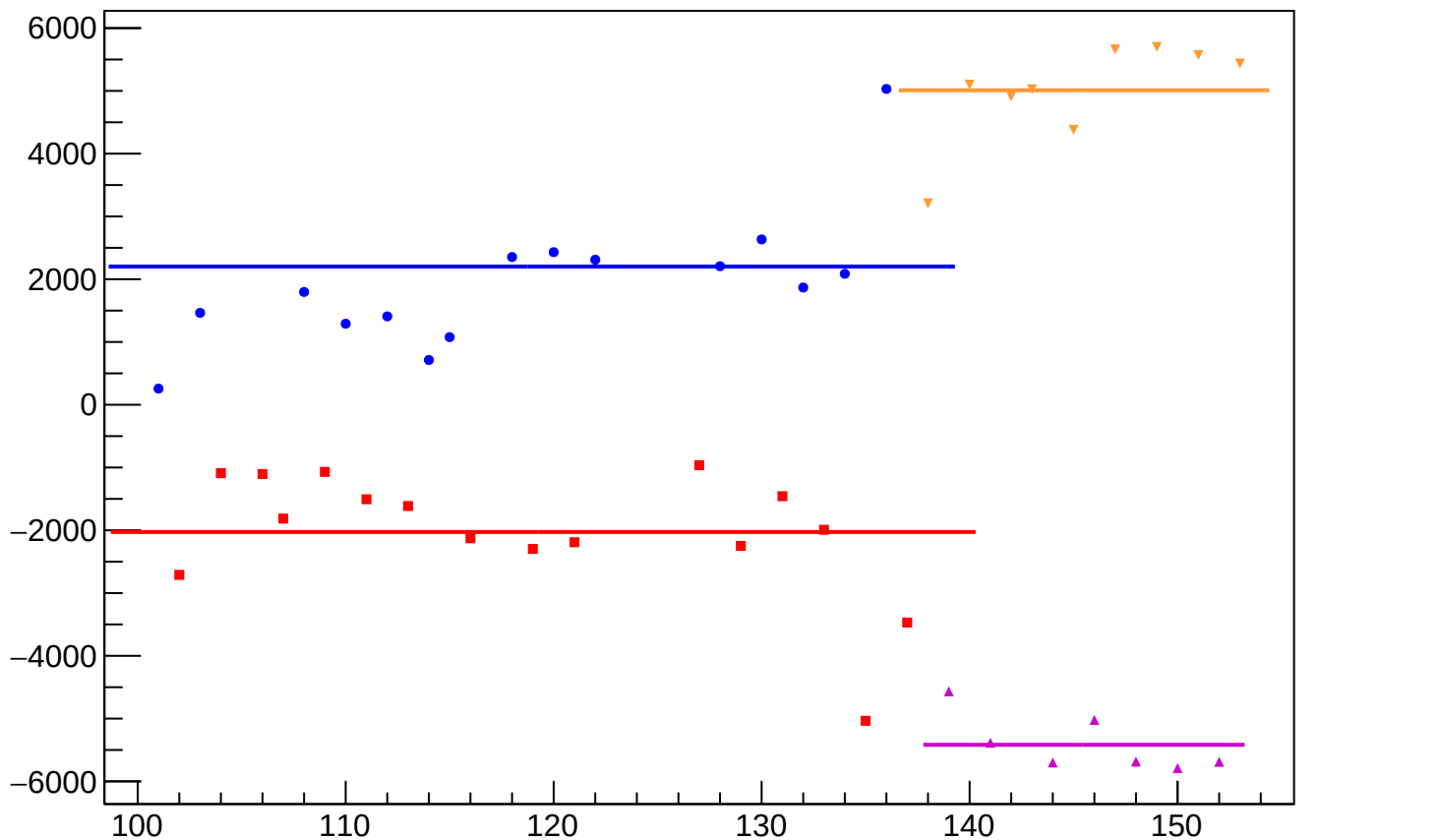
Right In: 862.683 +/- 0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14
 Left Out: 627.340 +/- 0.000 χ^2/NDF : 20553975048670827176125379424548814848.0/8
 Right Out: -856.059 +/- 0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15
 Left In: -724.643 +/- 0.000 χ^2/NDF : 10336402119676449180931035923595919360.0/6
 All: -7.926 +/- 0.000 χ^2/NDF : 2249304176785

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



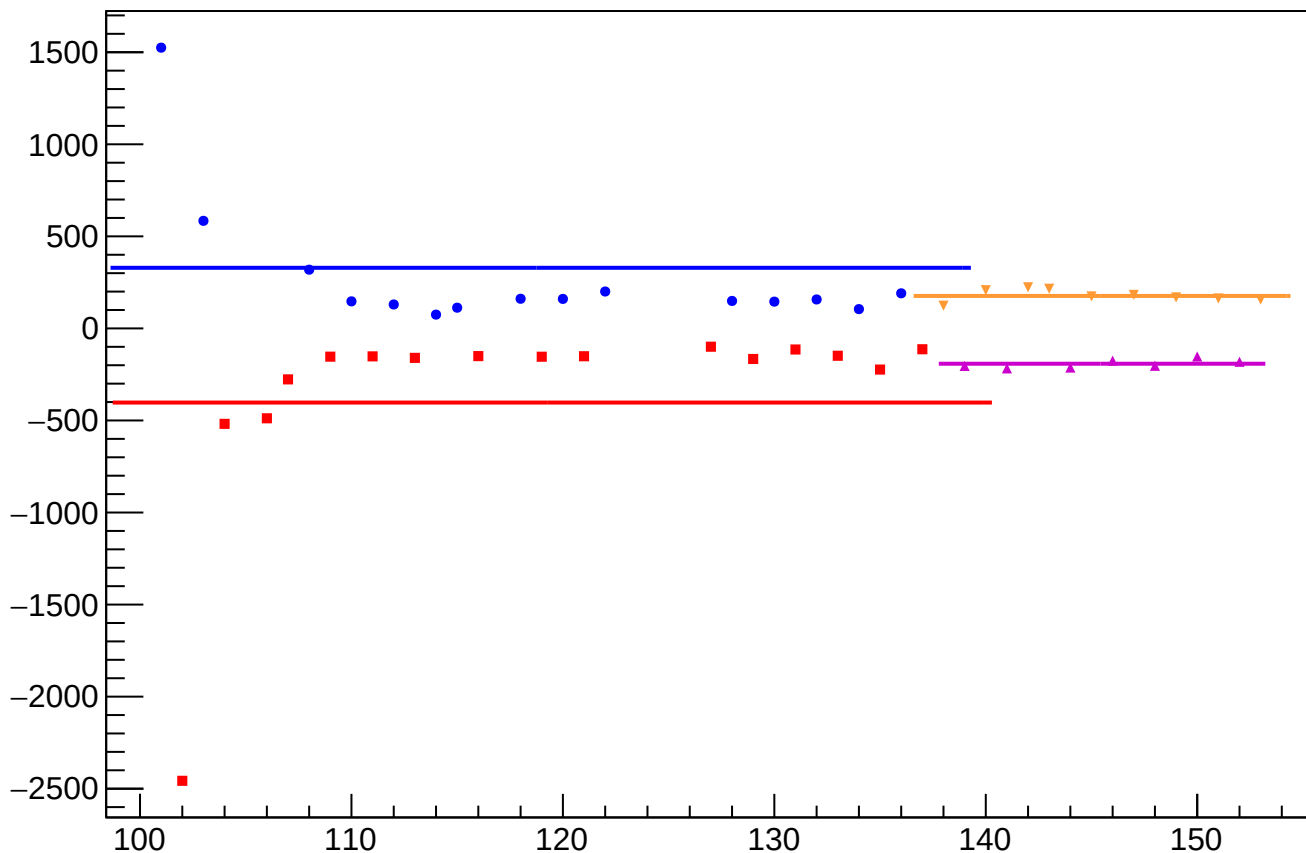
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 +/- 0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940 +/- 0.000 χ^2/NDF : 3438723806252

dit_atr1_coil3_mean vs Slug, Sign Corrected



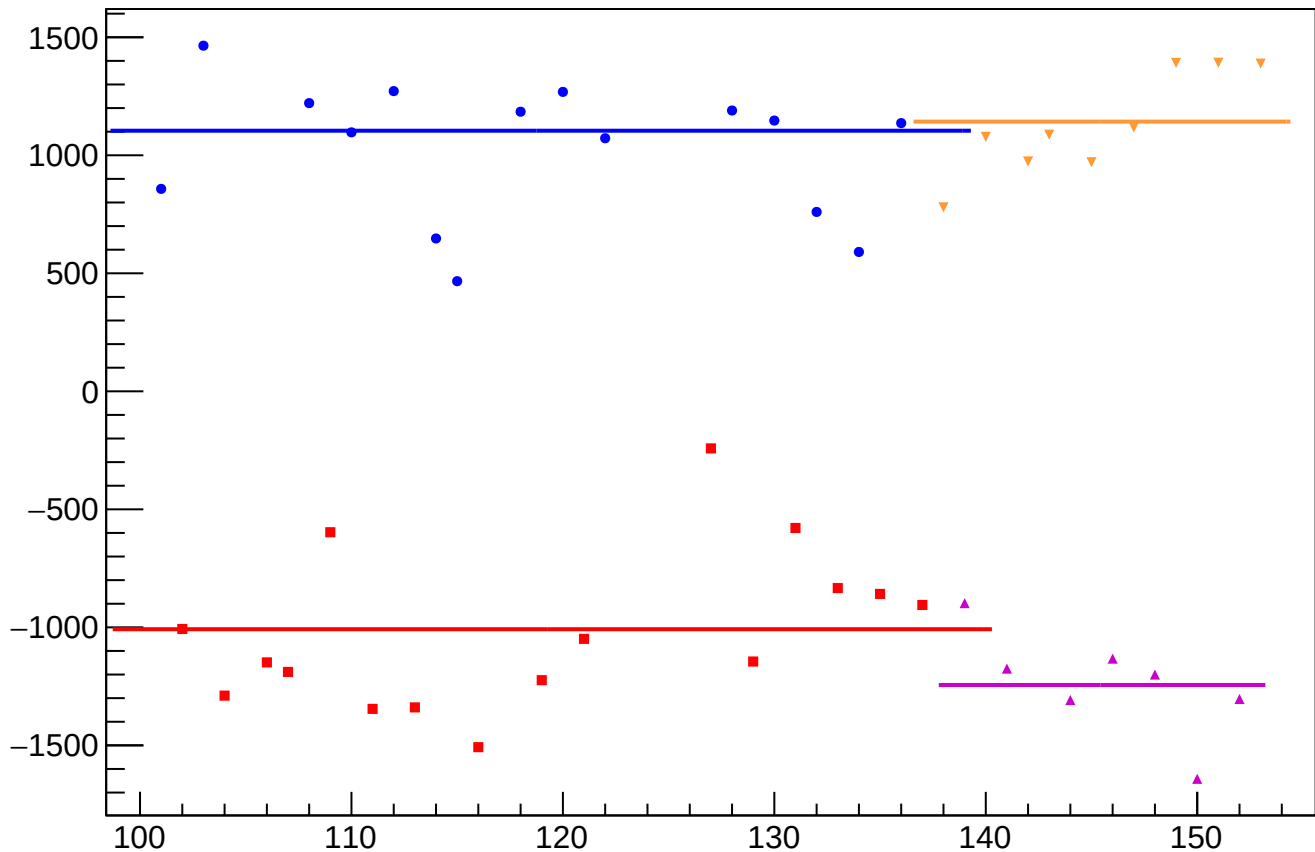
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5010.168+/-0.000 χ^2/NDF : 399102734987713018876855709347581263872.0/8
 Right Out: -2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: -5417.472+/-0.000 χ^2/NDF : 103758477924992213889008764563576848384.0/6
 All: 86.129+/-0.000 χ^2/NDF : 4279406370602

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



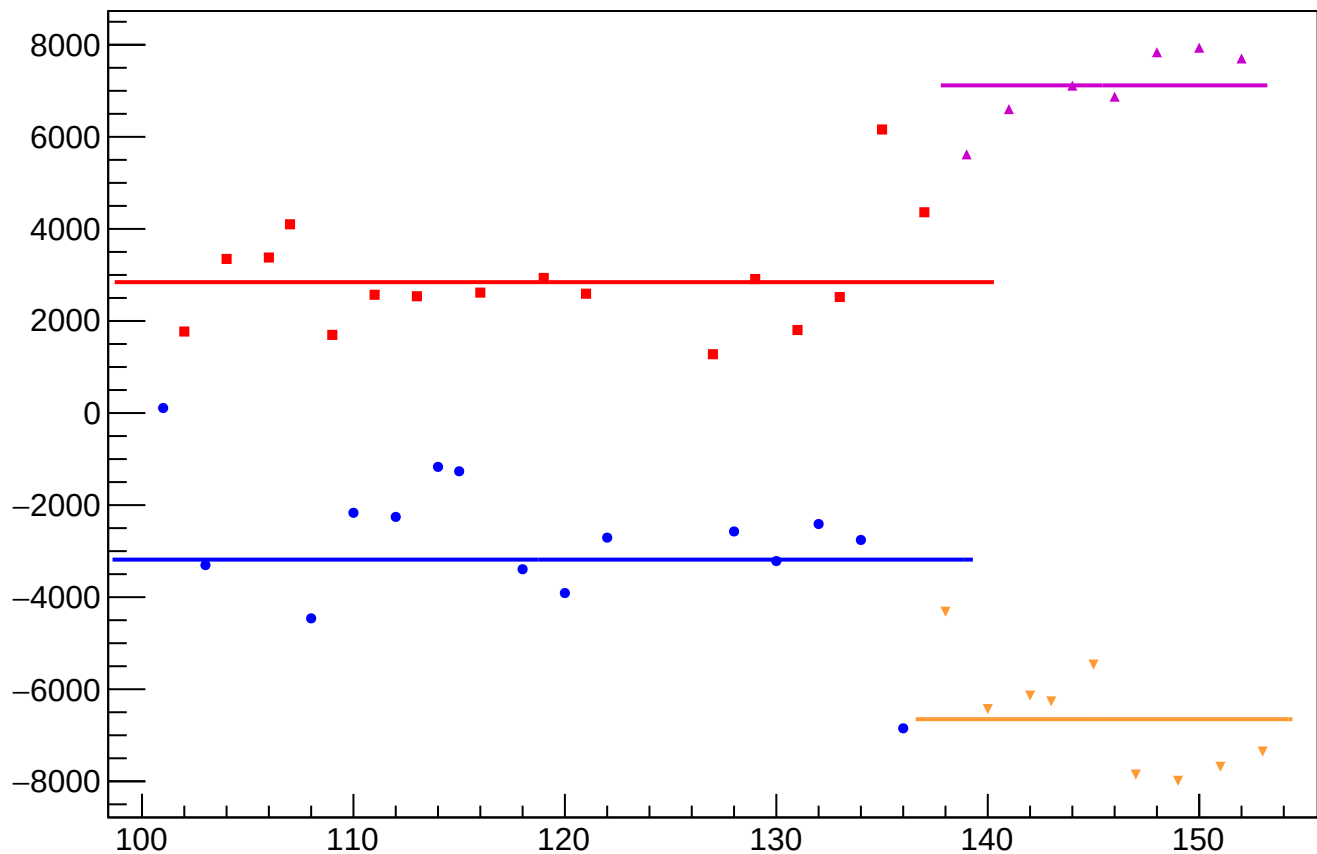
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Left Out: 176.400+/-0.000 χ^2/NDF : 559764589998576141531034873795444736.0/8
 Right Out: -402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15
 Left In: -191.858+/-0.000 χ^2/NDF : 290202139017692112452679403231510528.0/6
 All: -19.445+/-0.000 χ^2/NDF : 602479794581

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

Left Out: -6650.713+/-0.000

Right Out: 2843.597+/-0.000

Left In: 7118.260+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

χ^2/NDF : 952282056990210008936889657445912150016.0/8

χ^2/NDF : 947077611563723244705531091944015396864.0/15

χ^2/NDF : 343638472469124405776132409179041169408.0/6

Left: -186.407+/-0.000 χ^2/NDF : 616425730770686

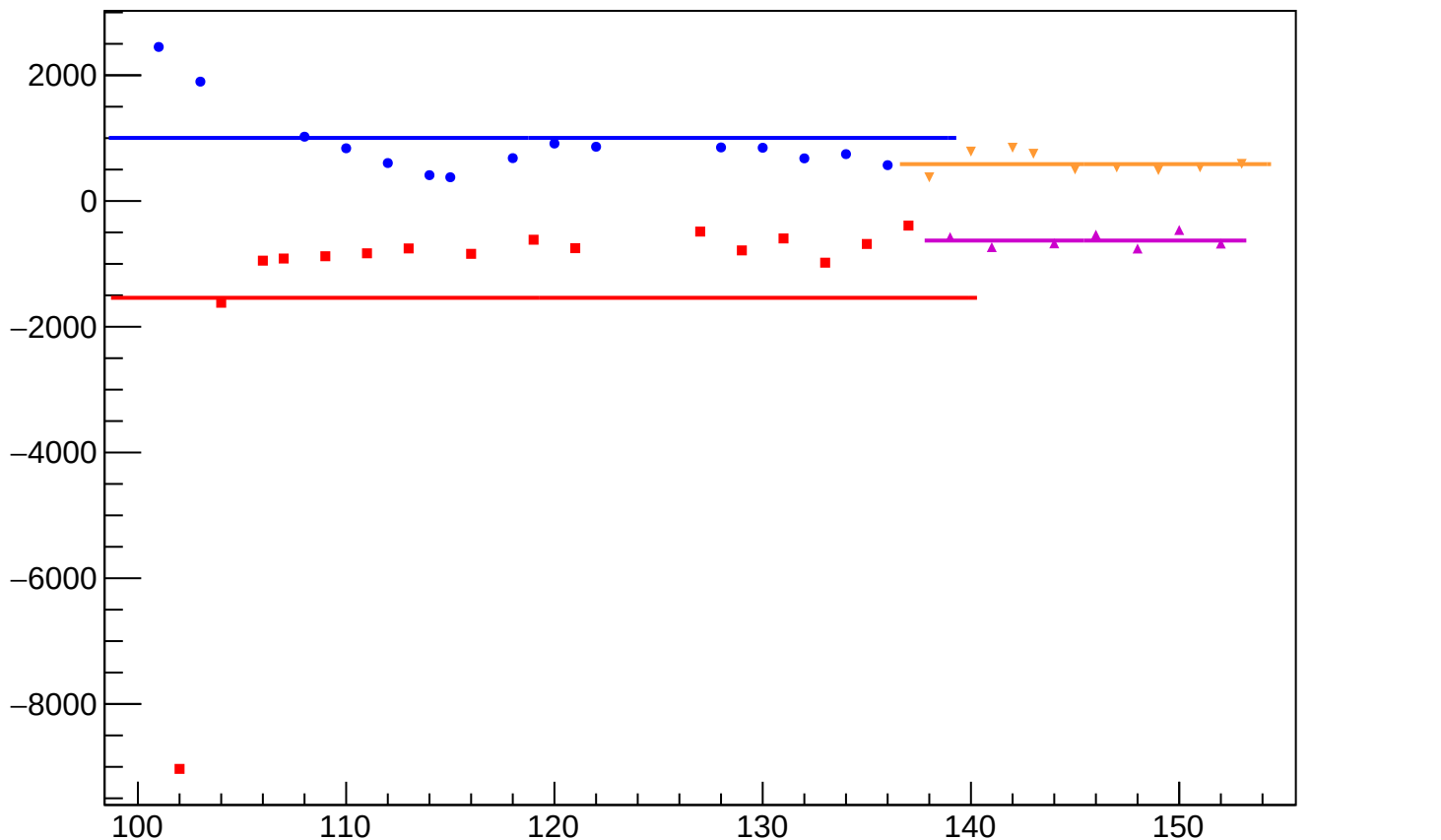
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: 1765.081+/-0.000 χ^2/NDF : 3556822947154872

Out: -1942.383+/-0.000 χ^2/NDF : 32207554696859

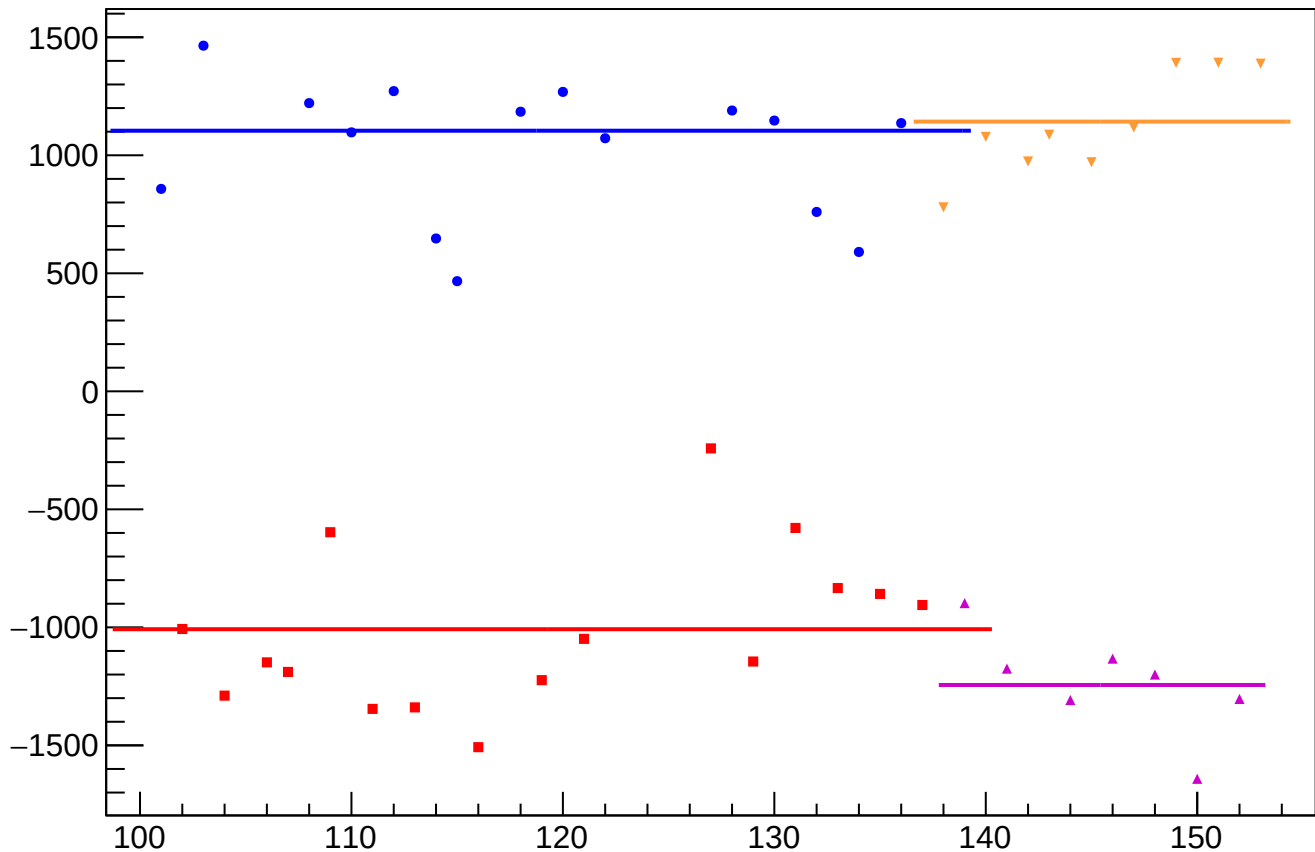
All: -157.255+/-0.000 χ^2/NDF : 76677395300

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



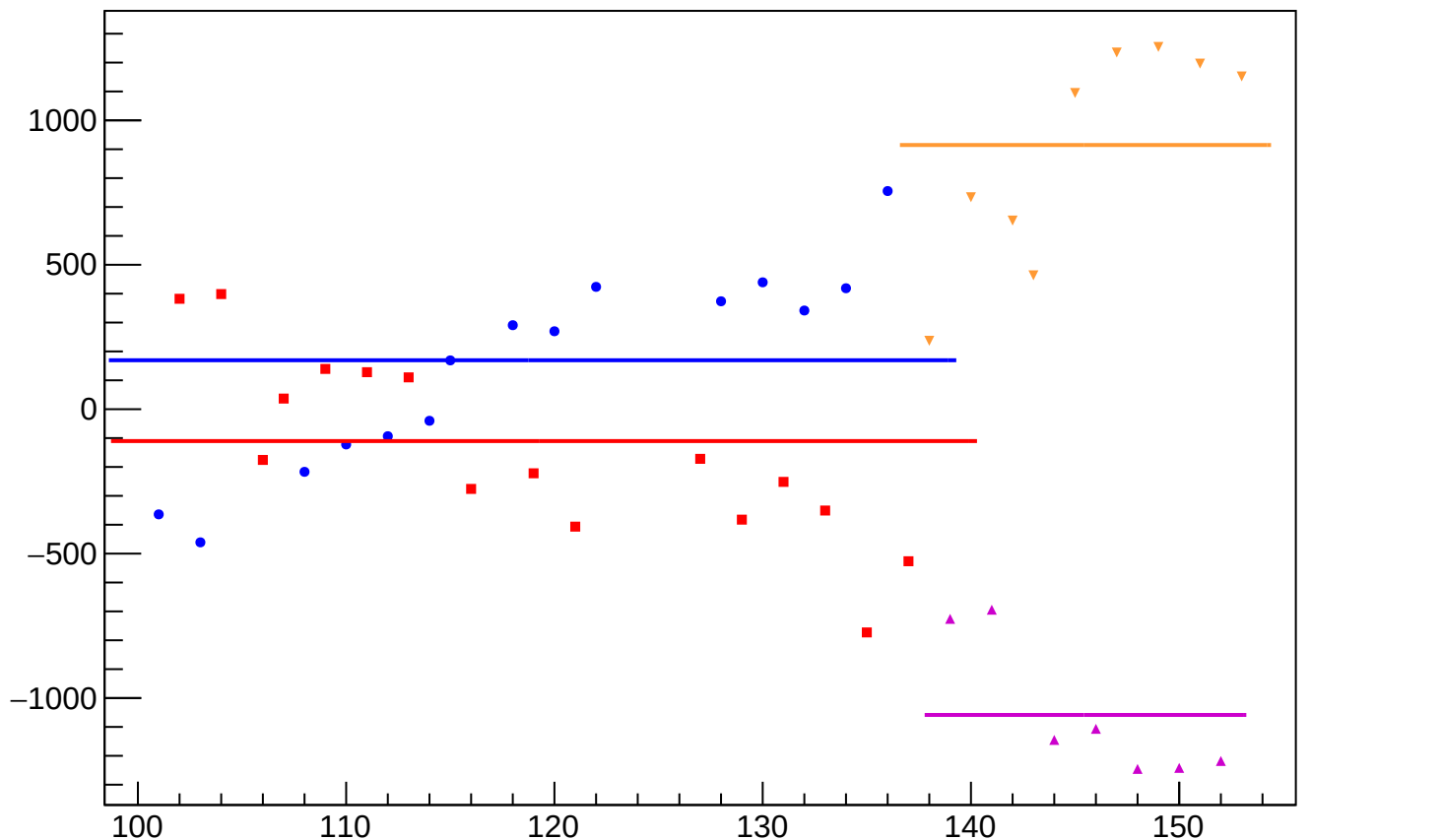
Left: 15.876+/-0.000 χ^2/NDF : 49016747731592196
 Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Right: -285.472+/-0.000 χ^2/NDF : 59617429830759
 Left Out: 586.673+/-0.000 χ^2/NDF : 13458048221867489853356628178982928384.0/8
 In: 219.165+/-0.000 χ^2/NDF : 10569256191081560
 Right Out: -1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Out: -467.753+/-0.000 χ^2/NDF : 514828325842920
 Left In: -629.123+/-0.000 χ^2/NDF : 6196570237293645777860811194508509184.0/6
 All: -137.005+/-0.000 χ^2/NDF : 65107885210

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



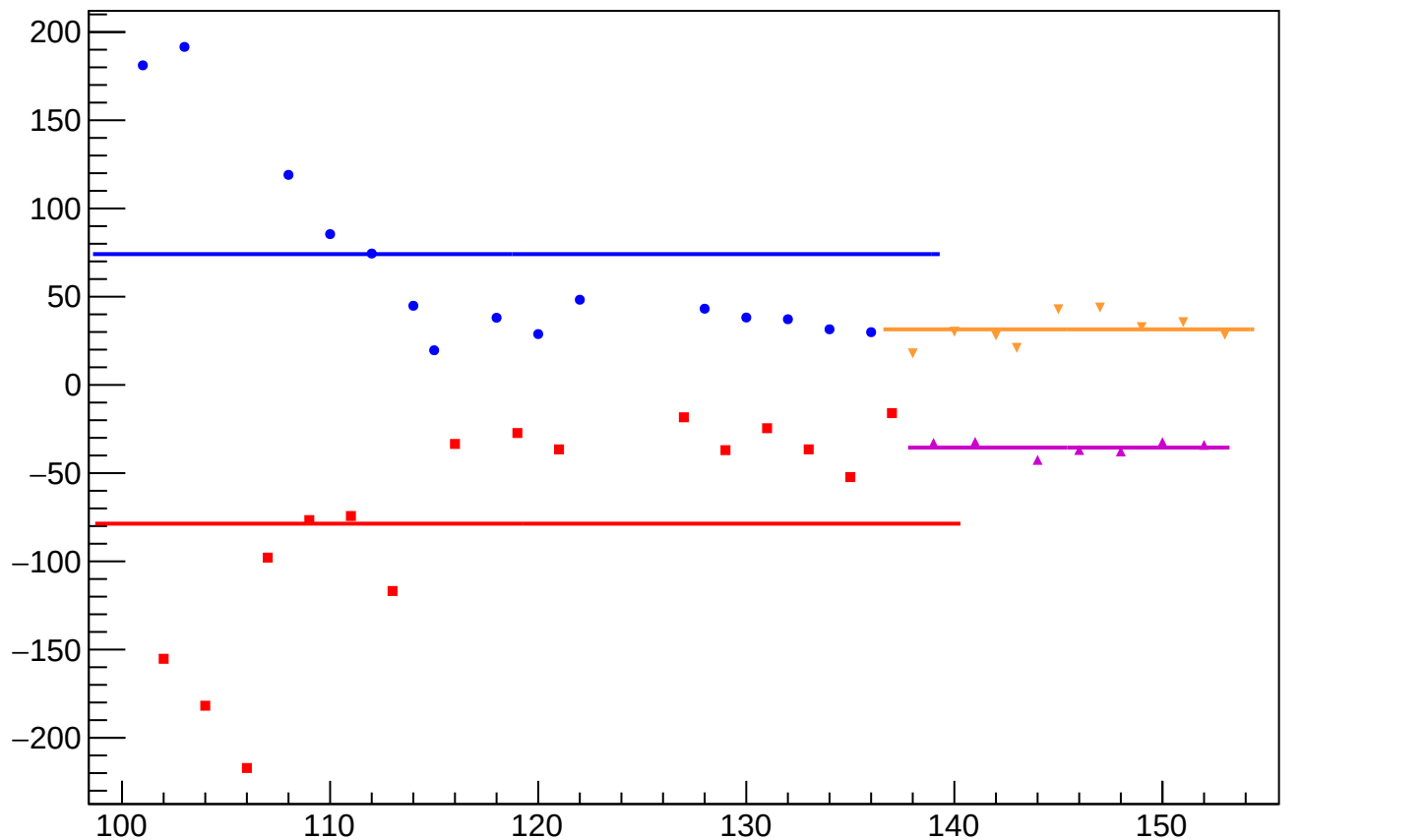
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

dit_sam1_coil3_mean vs Slug, Sign Corrected



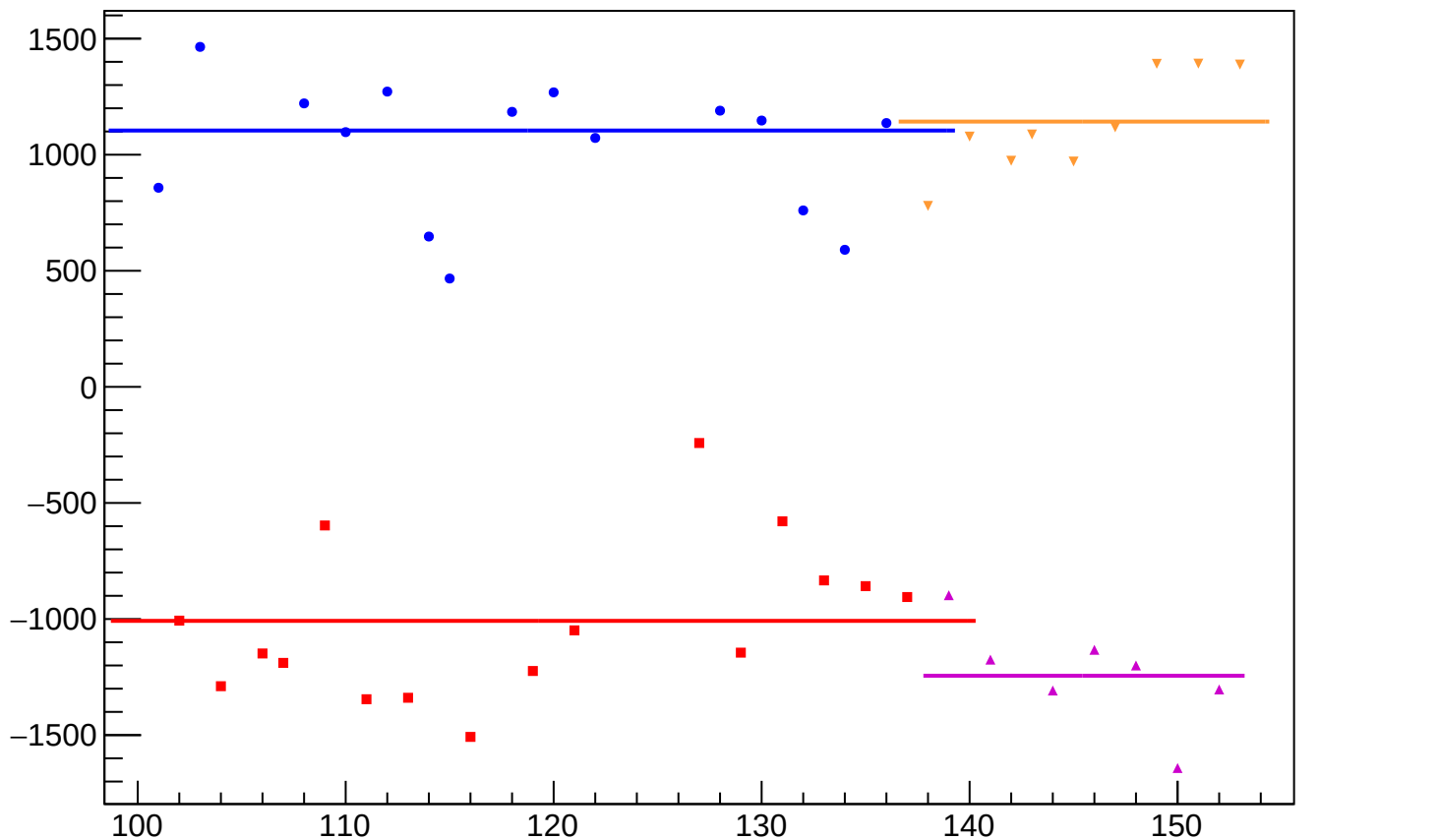
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14
 Left Out: 914.620+/-0.000 χ^2/NDF : 86509077489667934087916486746093649920.0/8
 Right Out: -110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15
 Left In: -1058.480+/-0.000 χ^2/NDF : 29304324470853302416929320280063475712.0/6
 All: 8.273+/-0.000 χ^2/NDF : 15489942864472

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



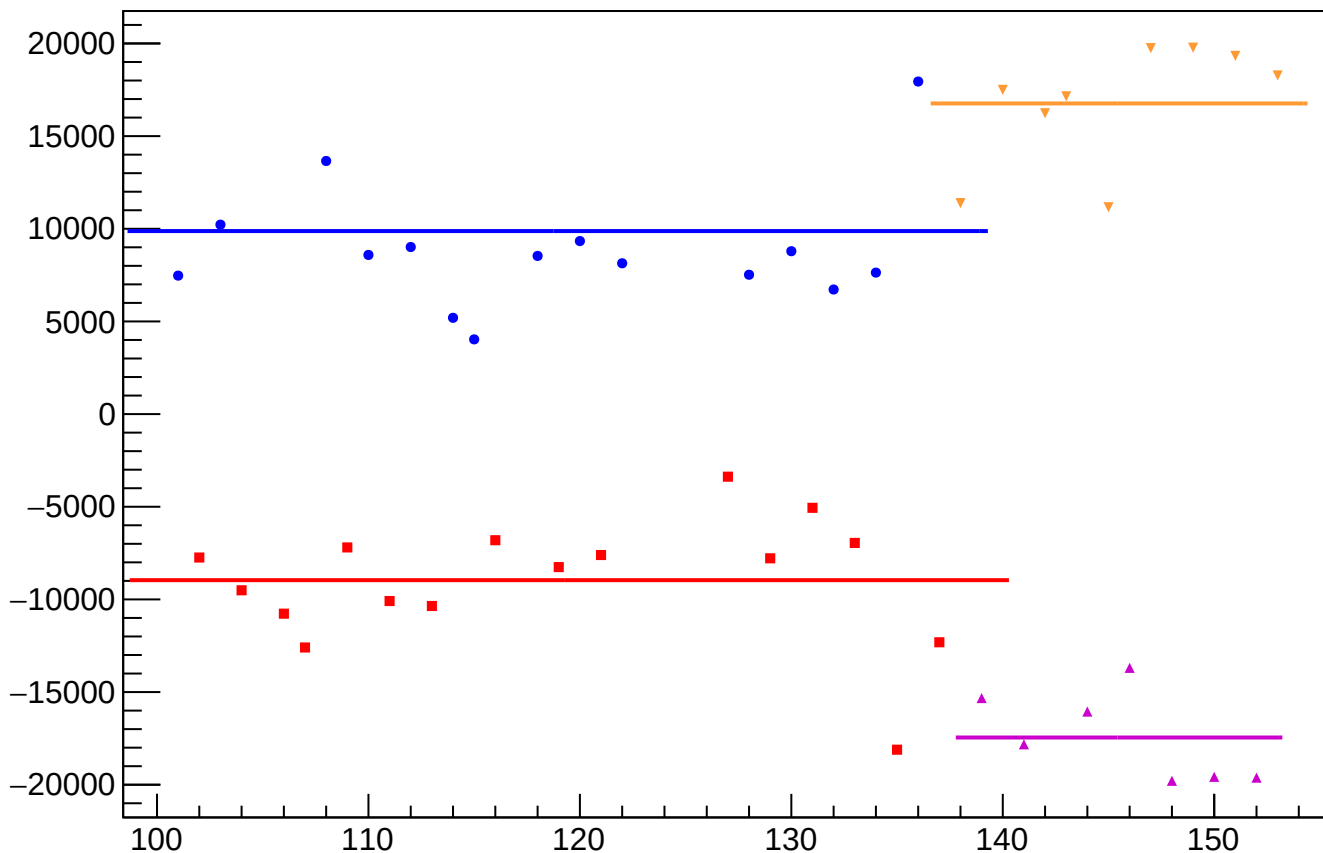
Right In: 74.129 $\pm$ 0.000 χ^2 /NDF: 2168375717401207322620658258081218560.0/14
 Left Out: 31.504 $\pm$ 0.000 χ^2 /NDF: 47111224569917170005249132054183936.0/8
 Right Out: -78.633 $\pm$ 0.000 χ^2 /NDF: 2343230336879830638767678903539466240.0/15
 Left In: -35.528 $\pm$ 0.000 χ^2 /NDF: 7428616535669189964868955376975872.0/6
 All: -1.656 $\pm$ 0.000 χ^2 /NDF: 1367969807725

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000

χ^2/NDF : 8483360287053054122301651905797133697024.0/14

Left Out: 16763.008+/-0.000

χ^2/NDF : 7023713666736556637188379570436090888192.0/8

Right Out: -8961.593+/-0.000

χ^2/NDF : 7583728644146461427304320888408335450112.0/15

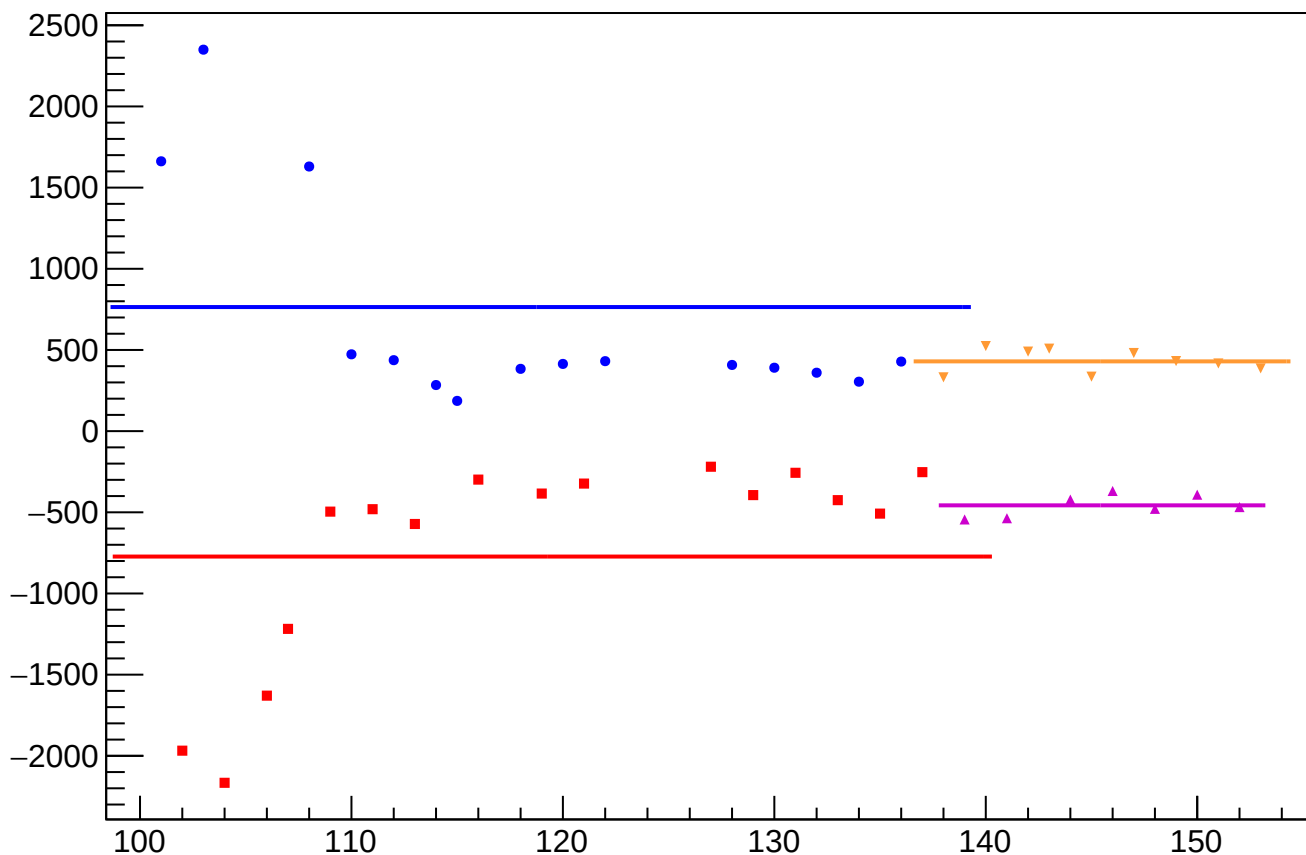
Left In: -17452.046+/-0.000

χ^2/NDF : 3001853096225712386364243290083033088000.0/6

All: 511.402+/-0.000

χ^2/NDF : 515549659542

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

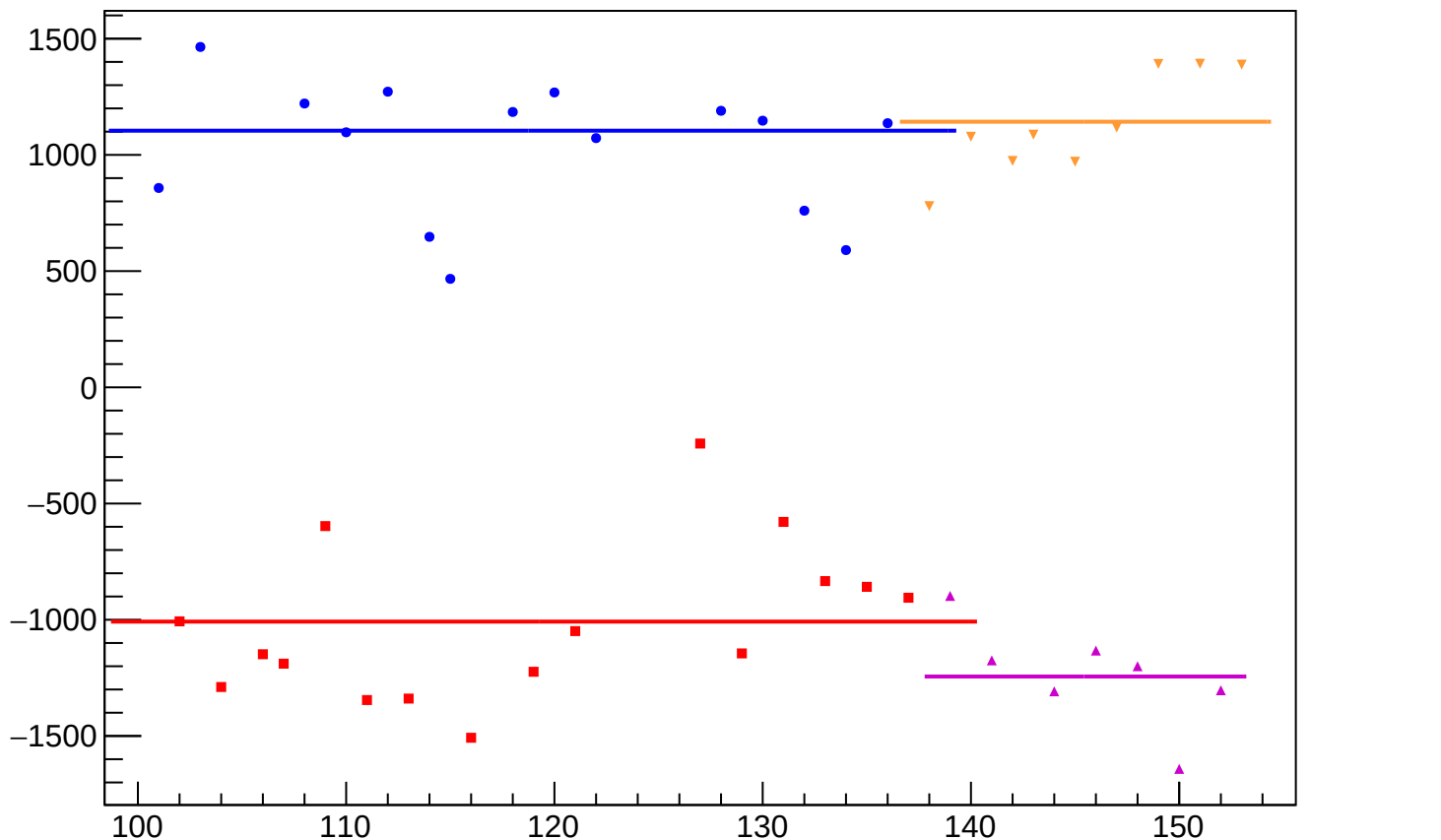
Left Out: 429.645+/-0.000 χ^2/NDF : 3158343638515762648169058961455054848.0/8

Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -457.129+/-0.000 χ^2/NDF : 2352576057454010535561171937049706496.0/6

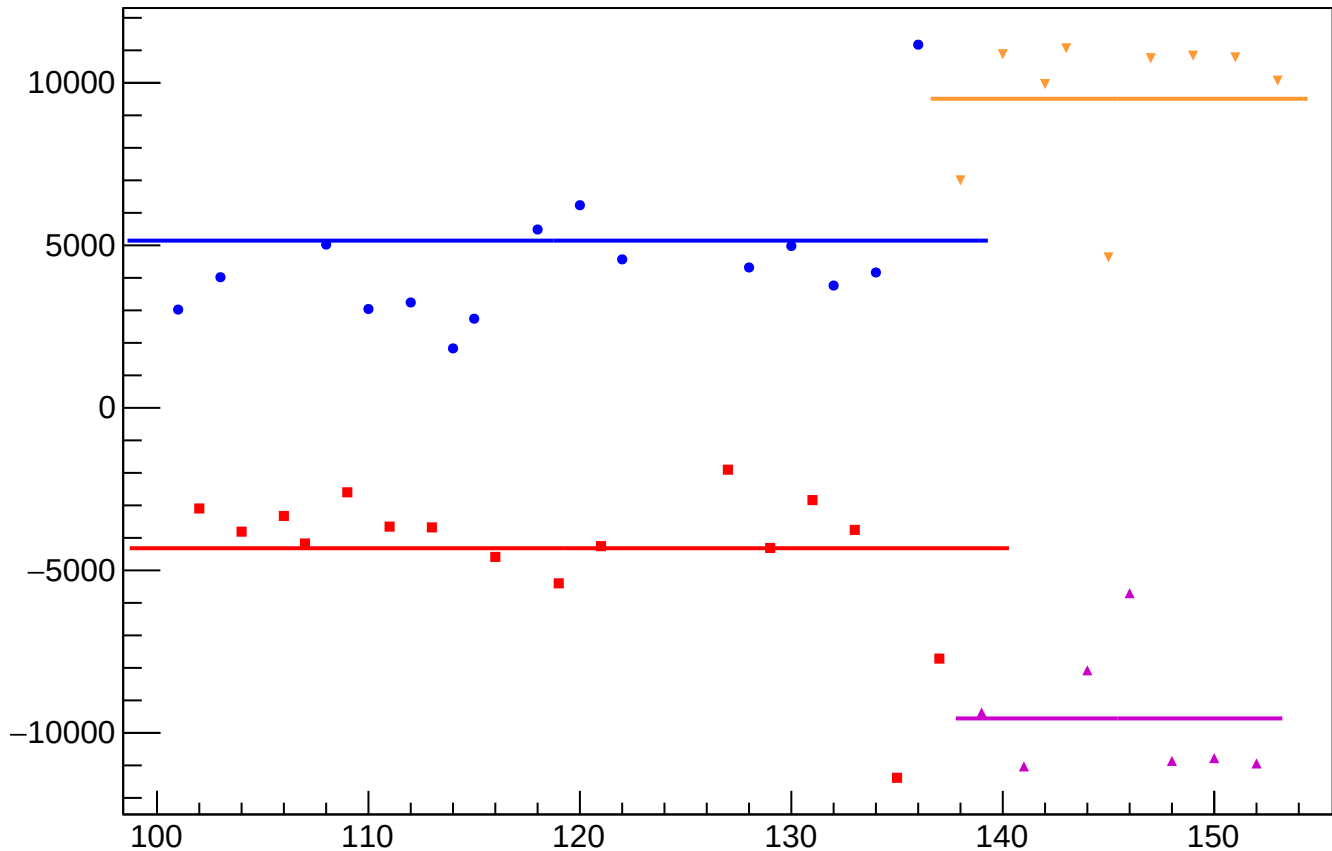
All: -0.866+/-0.000 χ^2/NDF : 1610097673701

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657+/-0.000

χ^2/NDF : 4272867262459372237810540195851662262272.0/14

Left Out: 9510.543+/-0.000

χ^2/NDF : 3166623251432300502307535538479083552768.0/8

Right Out: -4318.126+/-0.000

χ^2/NDF : 3345176554564755427312533888908526616576.0/15

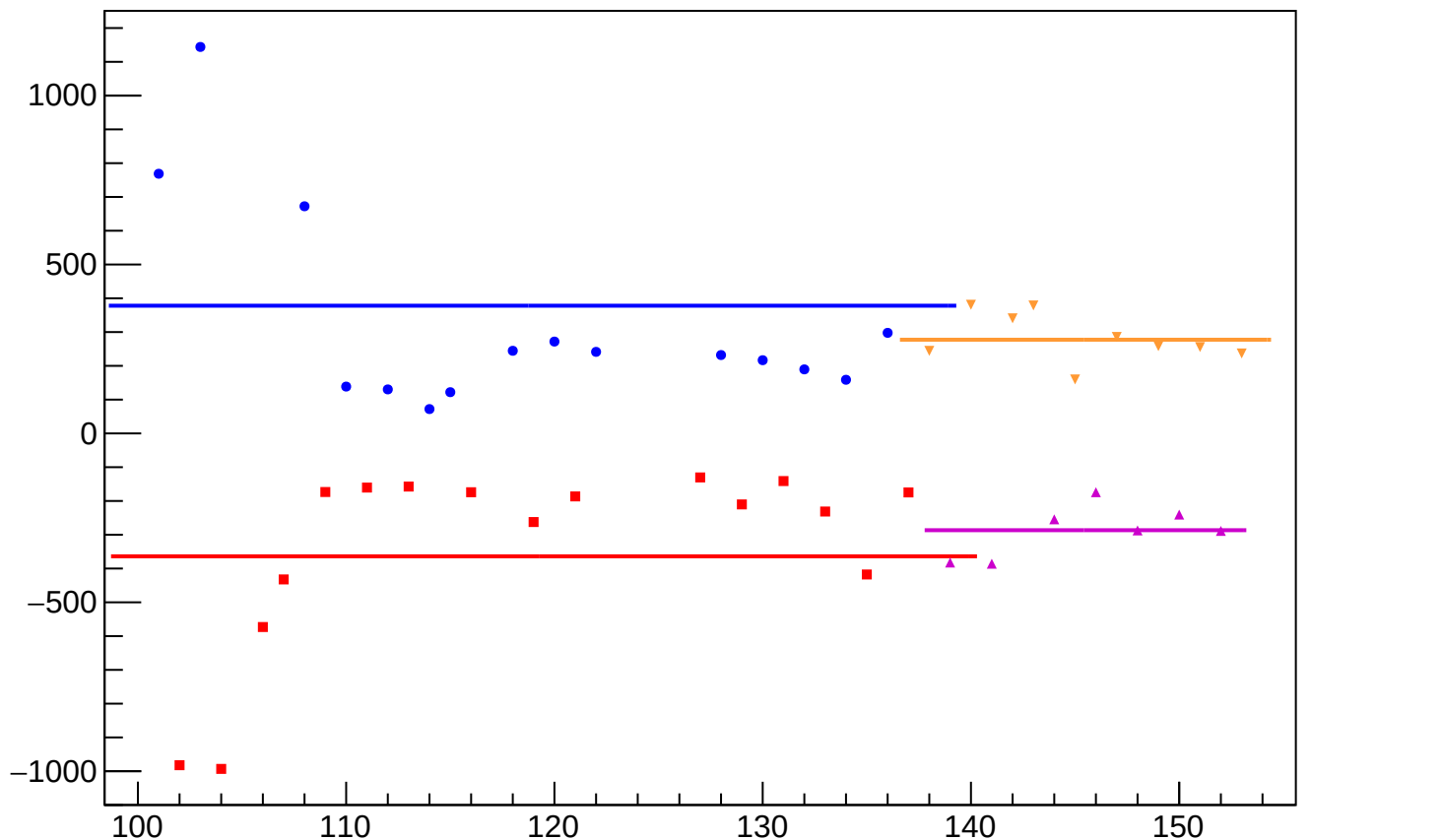
Left In: -9554.871+/-0.000

χ^2/NDF : 2061694180497457139461553151070881972224.0/6

All: 452.801+/-0.000

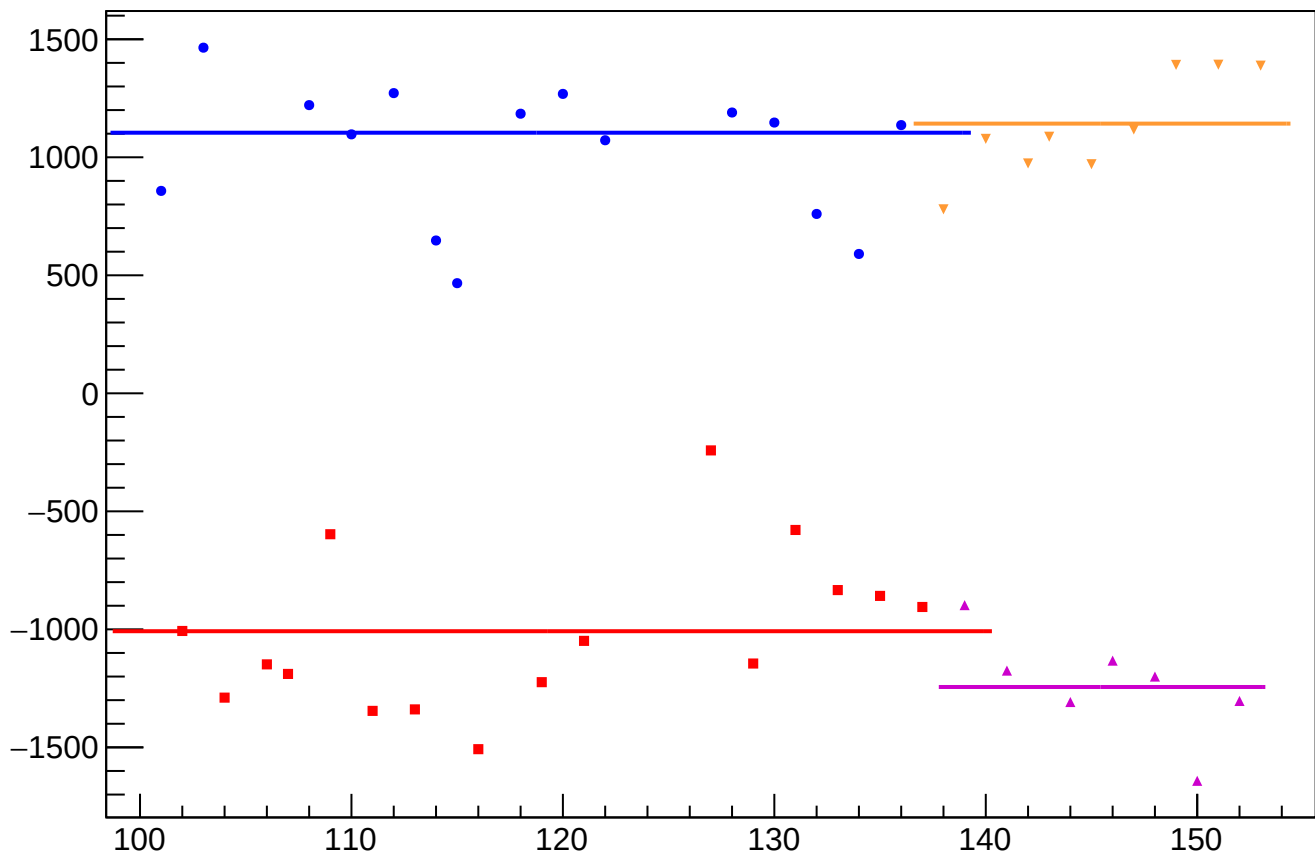
χ^2/NDF : 158038348843

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



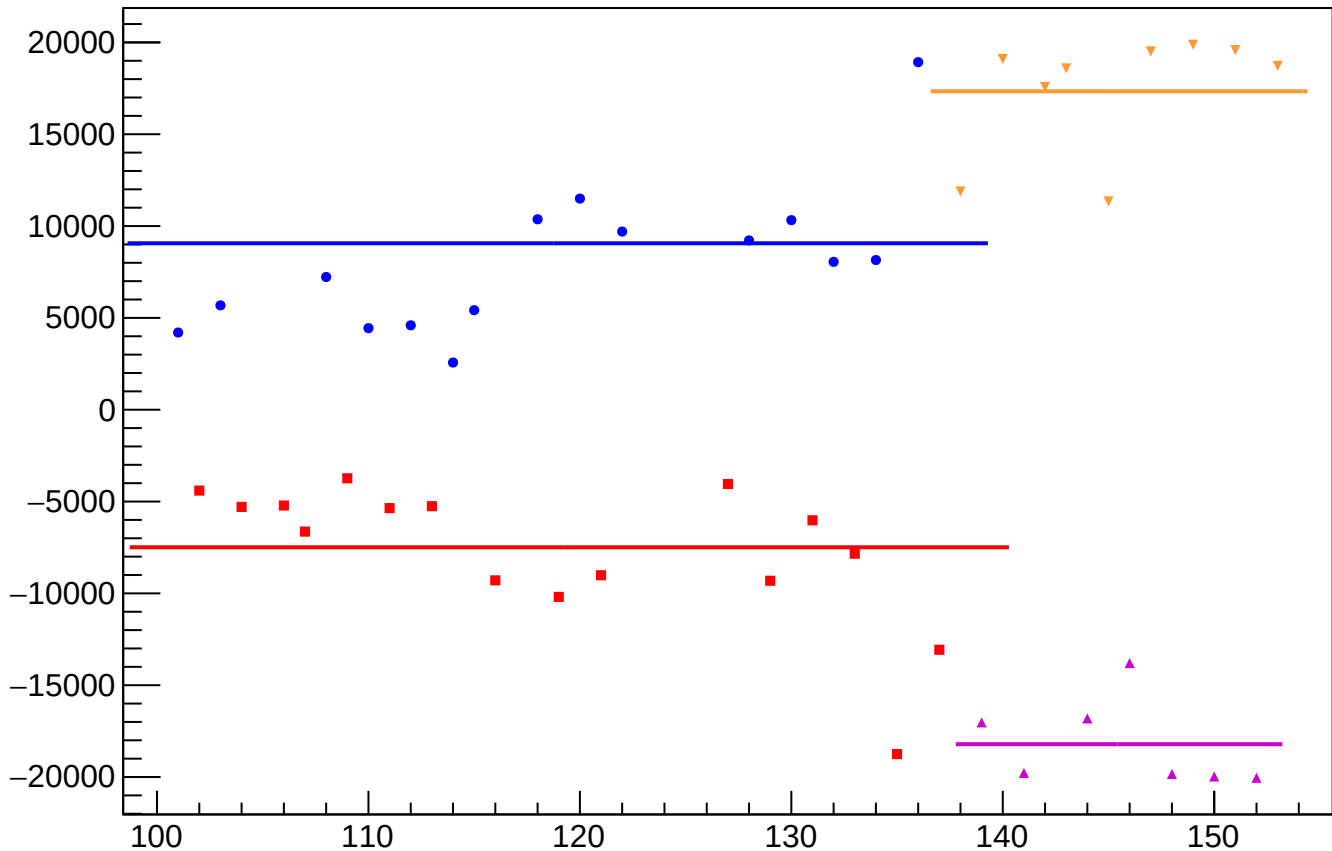
Left: 12.613+/-0.000 χ^2/NDF : 10730470078239435
 Right: 2.067+/-0.000 χ^2/NDF : 30156387809525658
 Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14
 Left Out: 277.358+/-0.000 χ^2/NDF : 3168923104824711476024361287432536064.0/8
 Right Out: -363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15
 Left In: -286.549+/-0.000 χ^2/NDF : 2916035642487174878901372626273304576.0/6
 In: 58.788+/-0.000 χ^2/NDF : 202139505753788799
 Out: -40.586+/-0.000 χ^2/NDF : 2004059575049145
 All: 7.262+/-0.000 χ^2/NDF : 40894069284249

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710+/-0.000

Left Out: 17338.473+/-0.000

Right Out: -7490.147+/-0.000

Left In: -18212.772+/-0.000

χ^2/NDF : 13621066943114354594159252409175431446528.0/14

χ^2/NDF : 7054416793024269146409791453725909319680.0/8

χ^2/NDF : 10108202124204139932285006457388239159296.0/15

χ^2/NDF : 2911551367456144531814846167541878882304.0/6

Left: 647.748+/-0.000

Right: 673.078+/-0.000

In: -4040.004+/-0.000

Out: 5025.693+/-0.000

All: 660.598+/-0.000

χ^2/NDF : 4122749337543623

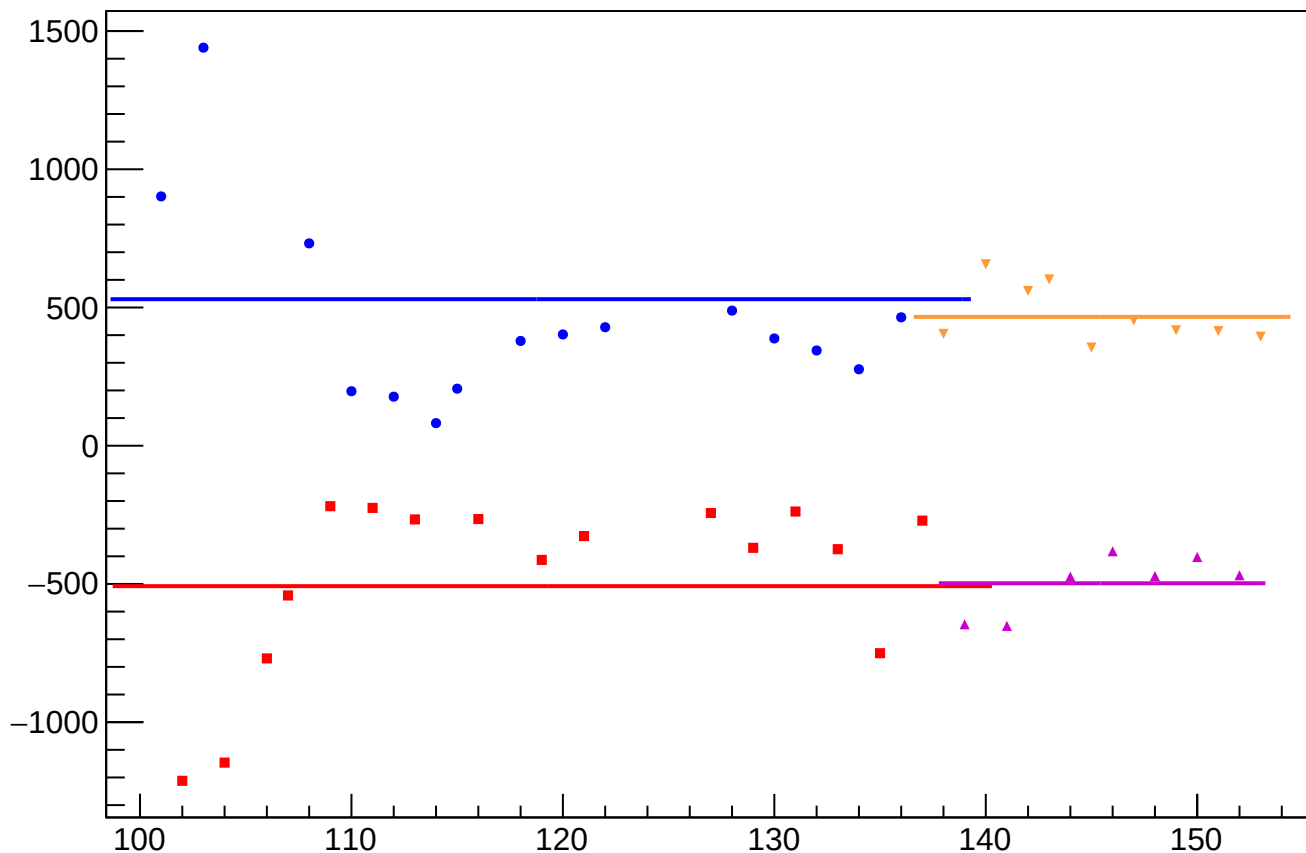
χ^2/NDF : 113857439938422

χ^2/NDF : 248474068939208

χ^2/NDF : 224433549373854

χ^2/NDF : 526132789703

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 530.057 +/- 0.000

χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 466.141 +/- 0.000

χ^2/NDF : 6750546130894033369893573630191730688.0/8

Right Out: -507.987 +/- 0.000

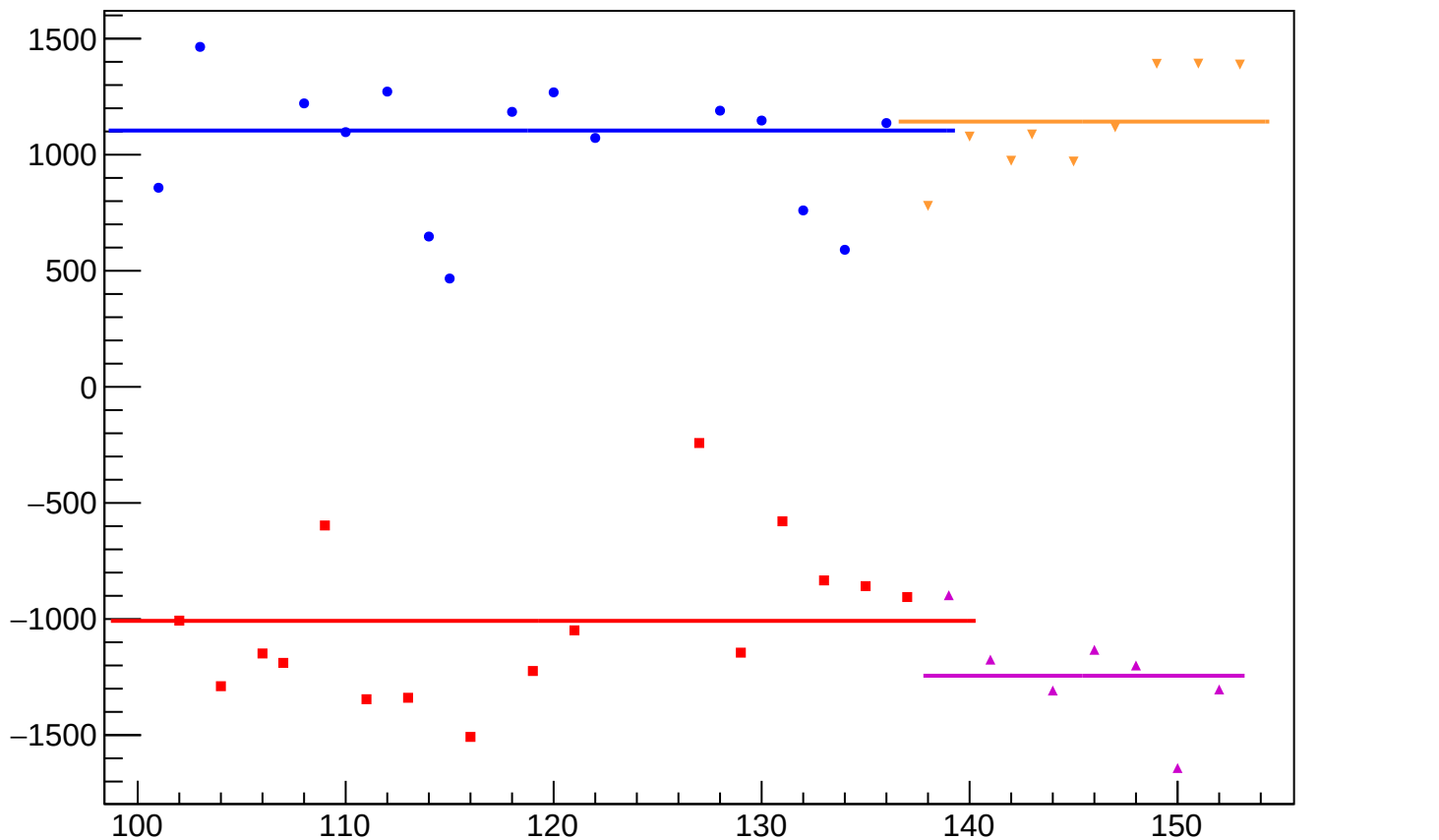
χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: -497.464 +/- 0.000

χ^2/NDF : 5924982317600517123285374660346118144.0/6

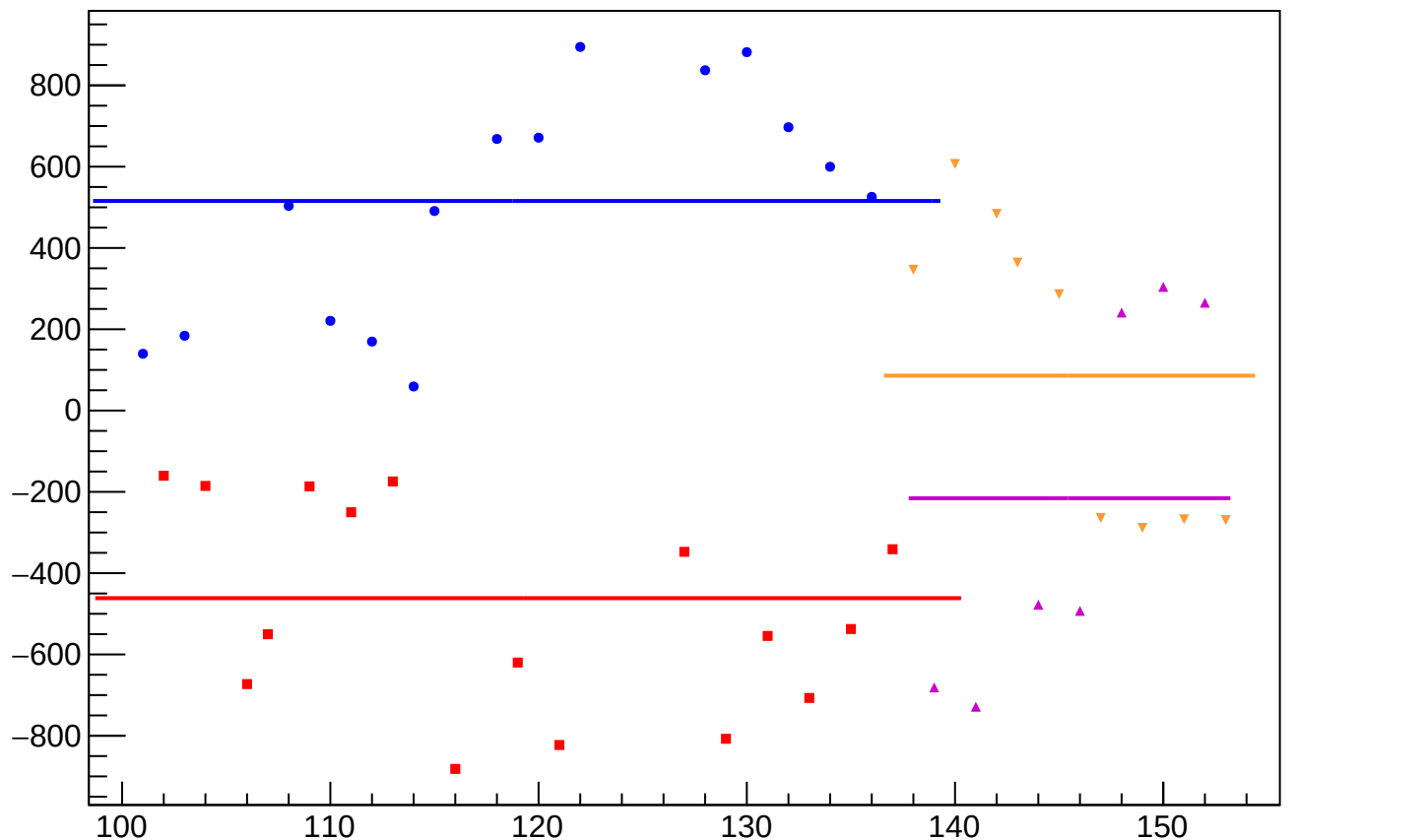
All: 8.768 +/- 0.000 χ^2/NDF : 81818646942058

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



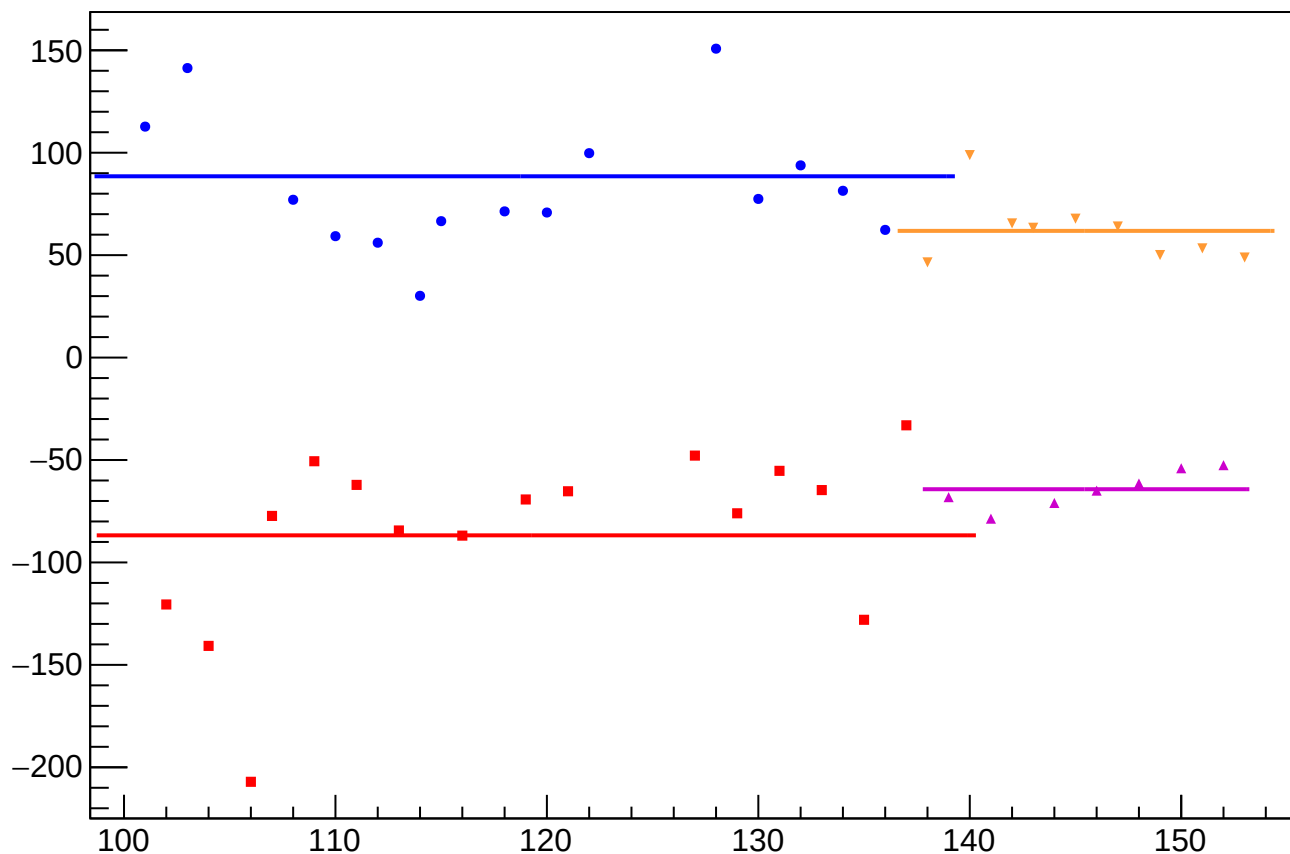
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

dit_sam5_coil3_mean vs Slug, Sign Corrected



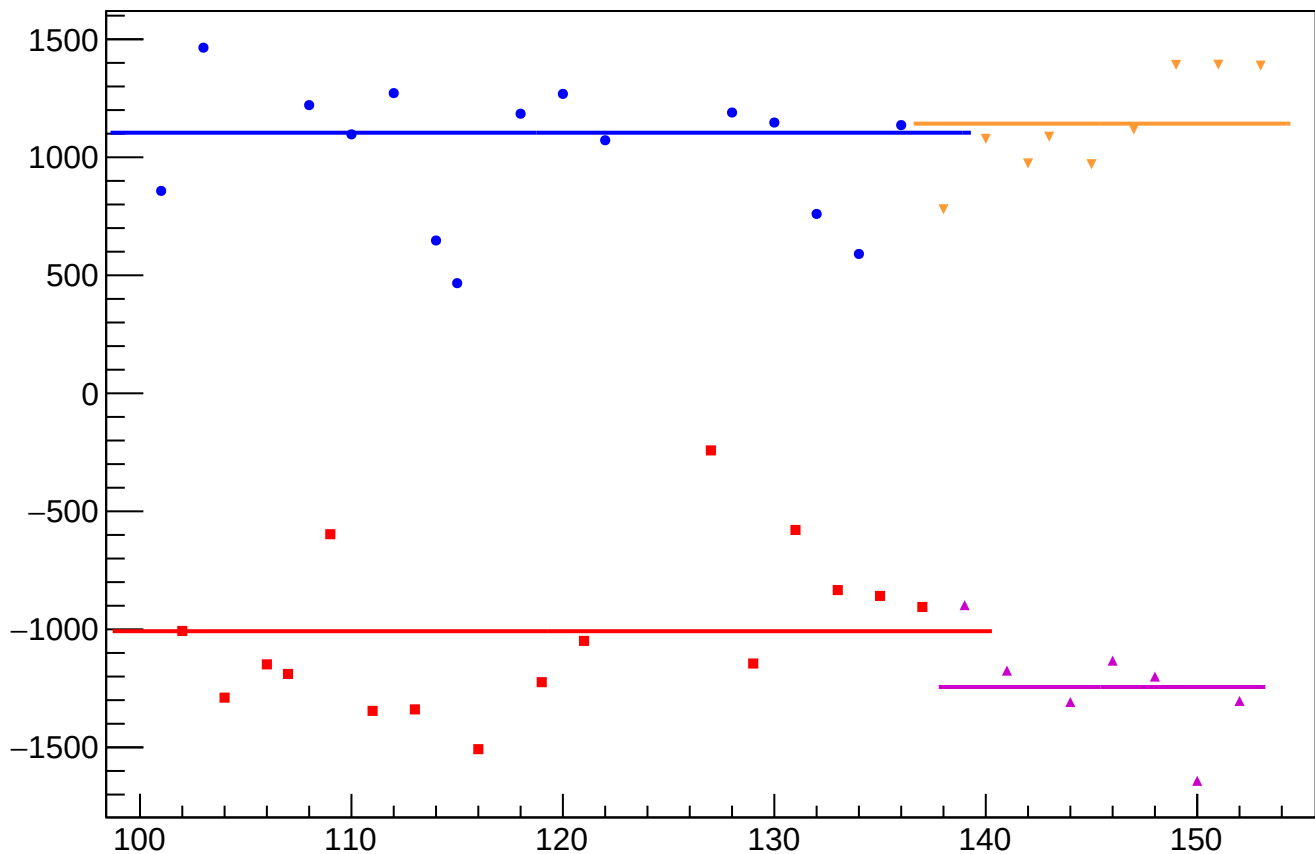
Left: -55.752 ± 0.000 $\chi^2/\text{NDF}: 2285813687989529$
 Right In: 515.635 ± 0.000 $\chi^2/\text{NDF}: 48465403420573957292673062371162324992.0/14$
 Left Out: 85.859 ± 0.000 $\chi^2/\text{NDF}: 84967609449411639128589666612695531520.0/8$
 Right Out: -461.497 ± 0.000 $\chi^2/\text{NDF}: 40473746660091355928063306884368564224.0/15$
 In: 164.279 ± 0.000 $\chi^2/\text{NDF}: 32990213722368798$
 Out: -185.581 ± 0.000 $\chi^2/\text{NDF}: 226174569456346$
 Left In: -215.772 ± 0.000 $\chi^2/\text{NDF}: 114653598712335555670008293237519810560.0/6$
 All: -17.125 ± 0.000 $\chi^2/\text{NDF}: 635345581821$

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



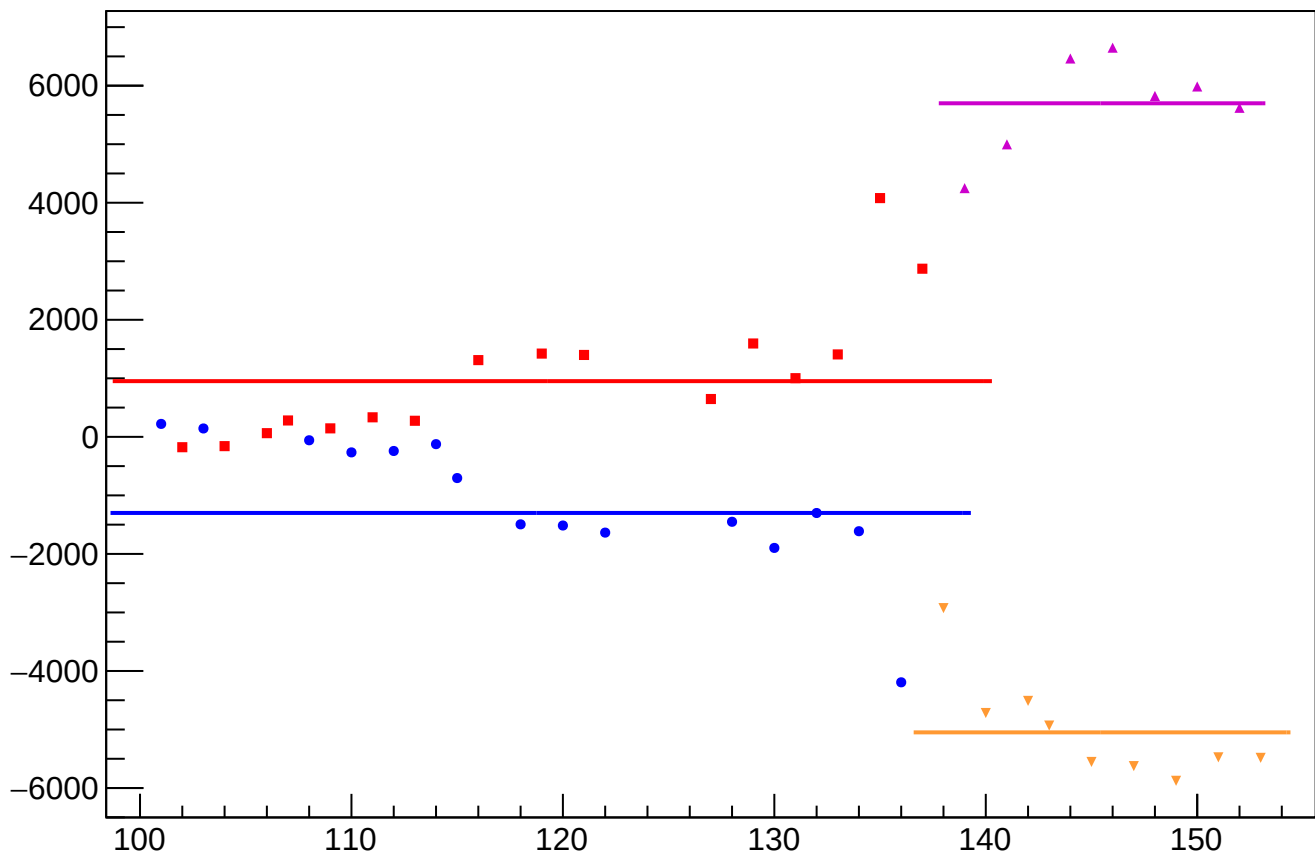
Right In: 88.493 ± 0.000 $\chi^2/\text{NDF}: 643231155193035512625817963208900608.0/14$
 Left Out: 61.849 ± 0.000 $\chi^2/\text{NDF}: 166297277818231353124313286769115136.0/8$
 Right Out: -86.773 ± 0.000 $\chi^2/\text{NDF}: 1059206766314086021240525003228708864.0/15$
 Left In: -64.259 ± 0.000 $\chi^2/\text{NDF}: 44989331579394899086378381583843328.0/6$
 All: 1.130 ± 0.000 $\chi^2/\text{NDF}: 17086087249324$

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645 $\pm$ 0.000 χ^2 /NDF: 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: 27.940 $\pm$ 0.000 χ^2 /NDF: 3438723806252

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -5048.882+/-0.000

Right Out: 951.903+/-0.000

Left In: 5698.962+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

χ^2/NDF : 508913263888572929898993904050059083776.0/8

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 348367797443596081262714830475436752896.0/6

Left: -2.945+/-0.000 χ^2/NDF : 37627212320879037

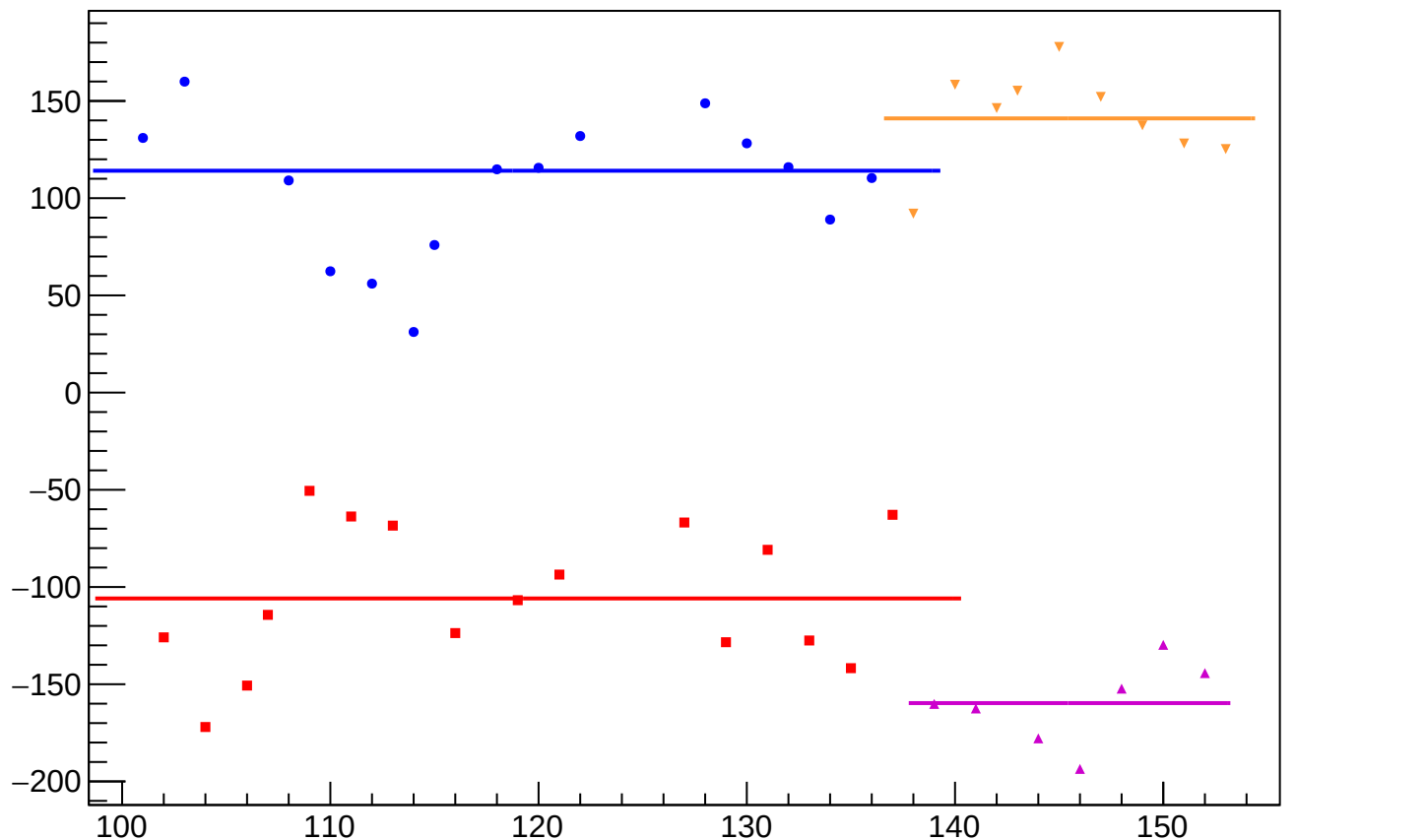
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: 2062.242+/-0.000 χ^2/NDF : 1681976996683582

Out: -2073.028+/-0.000 χ^2/NDF : 13457585364273

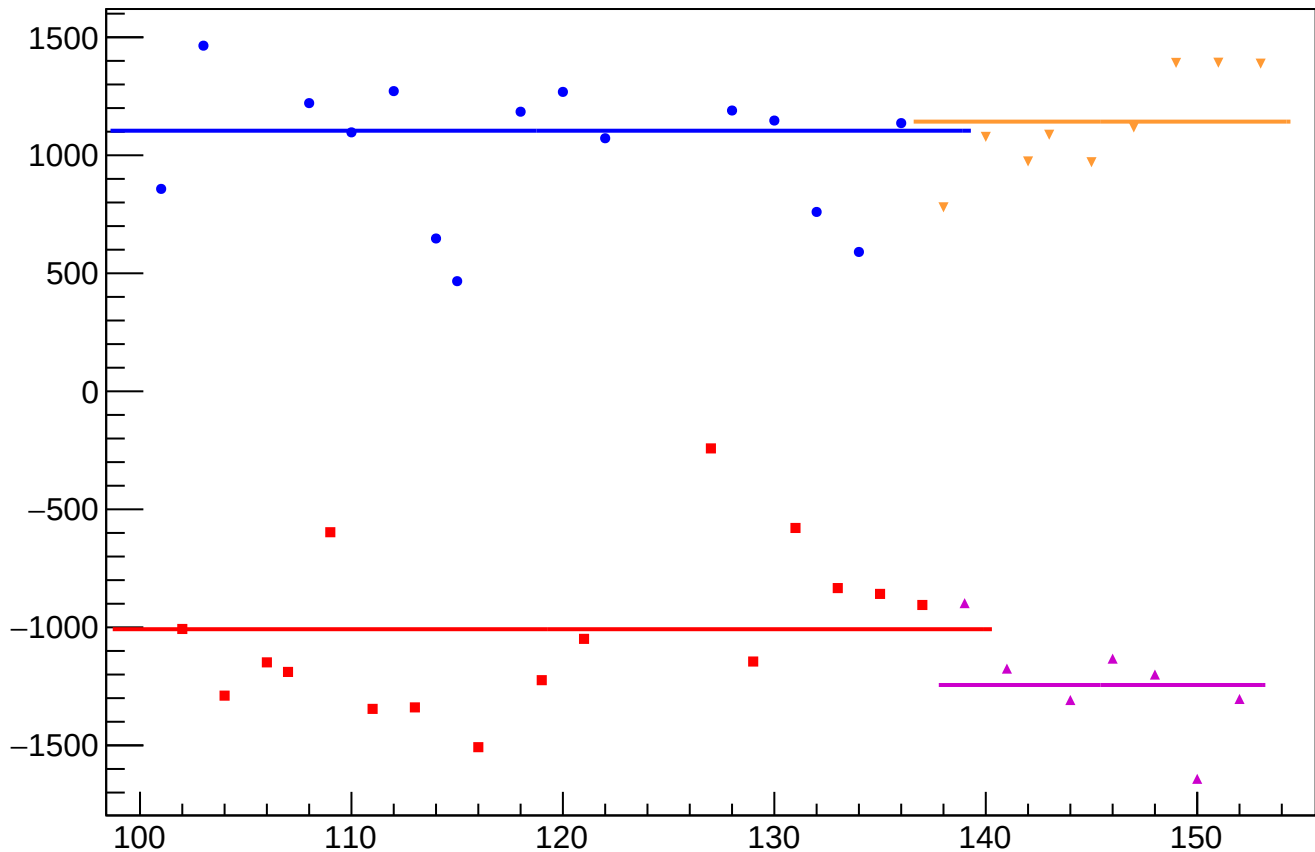
All: -81.913+/-0.000 χ^2/NDF : 413518115604

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



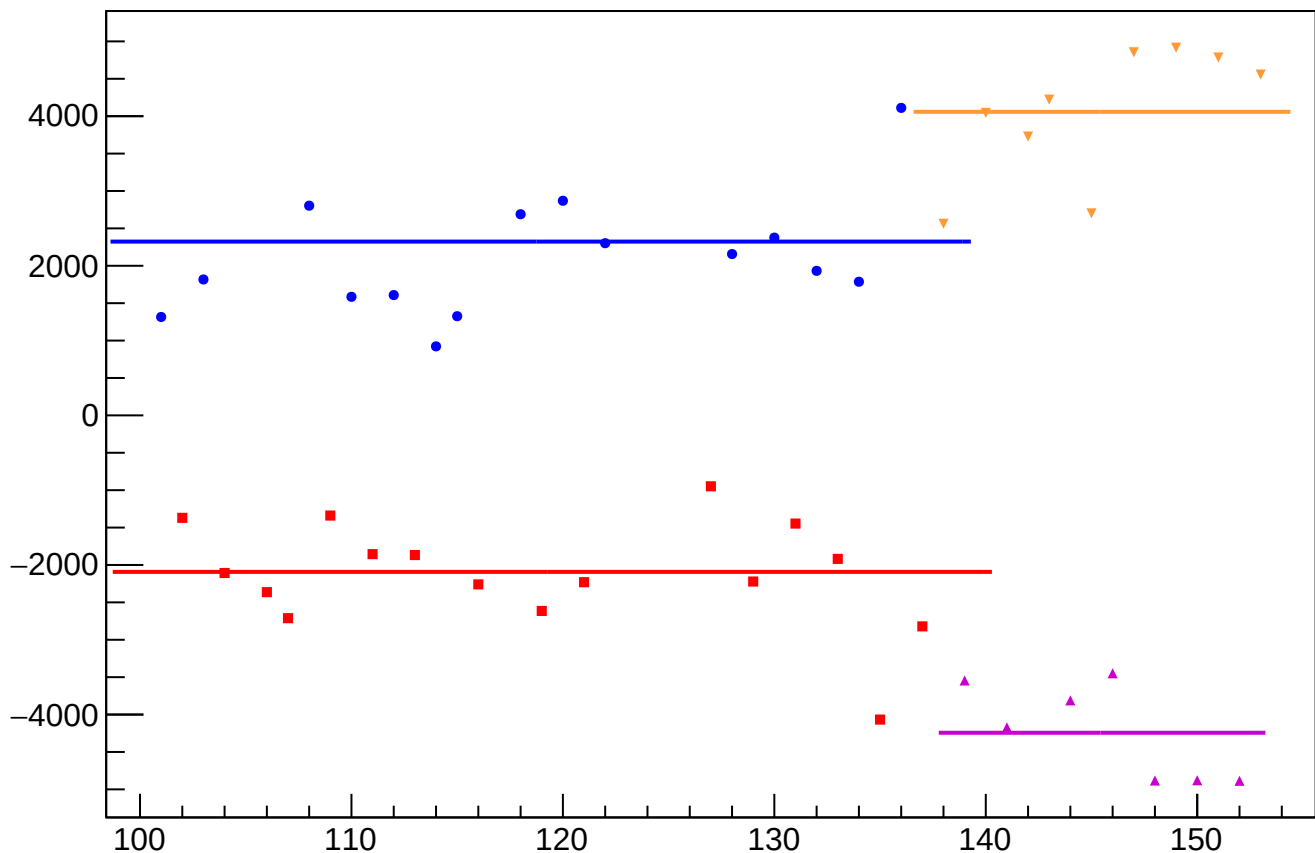
Right In: 114.118 $\pm$ 0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14
 Left Out: 141.035 $\pm$ 0.000 χ^2/NDF : 380662010782642728285213347658334208.0/8
 Right Out: -105.890 $\pm$ 0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15
 Left In: -159.702 $\pm$ 0.000 χ^2/NDF : 232083264989811610328078025656107008.0/6
 All: 1.247 $\pm$ 0.000 χ^2/NDF : 46787282720612

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



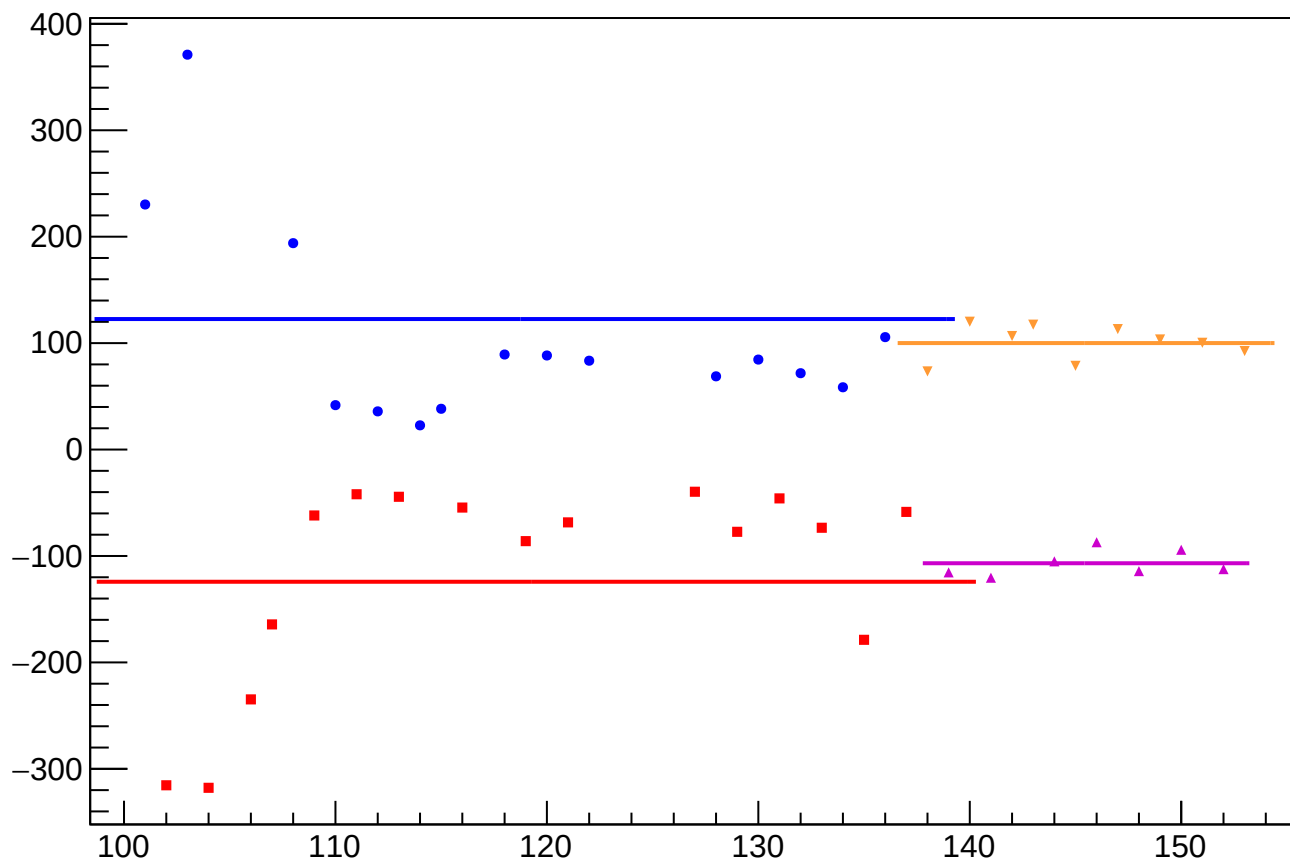
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1142.645+/-0.000 χ^2/NDF : 29713715013962771151769332826777845760.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218+/-0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372 $\pm$ 0.000 χ^2 /NDF: 476371189888349375964725620757728591872.0/14
 Left Out: 4058.545 $\pm$ 0.000 χ^2 /NDF: 503721682396466645789768405060146954240.0/8
 Right Out: -2092.458 $\pm$ 0.000 χ^2 /NDF: 367126080872166122663684022473339174912.0/15
 Left In: -4243.233 $\pm$ 0.000 χ^2 /NDF: 215990430422287458327284381138246696960.0/6
 All: 122.572 $\pm$ 0.000 χ^2 /NDF: 299188421347

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

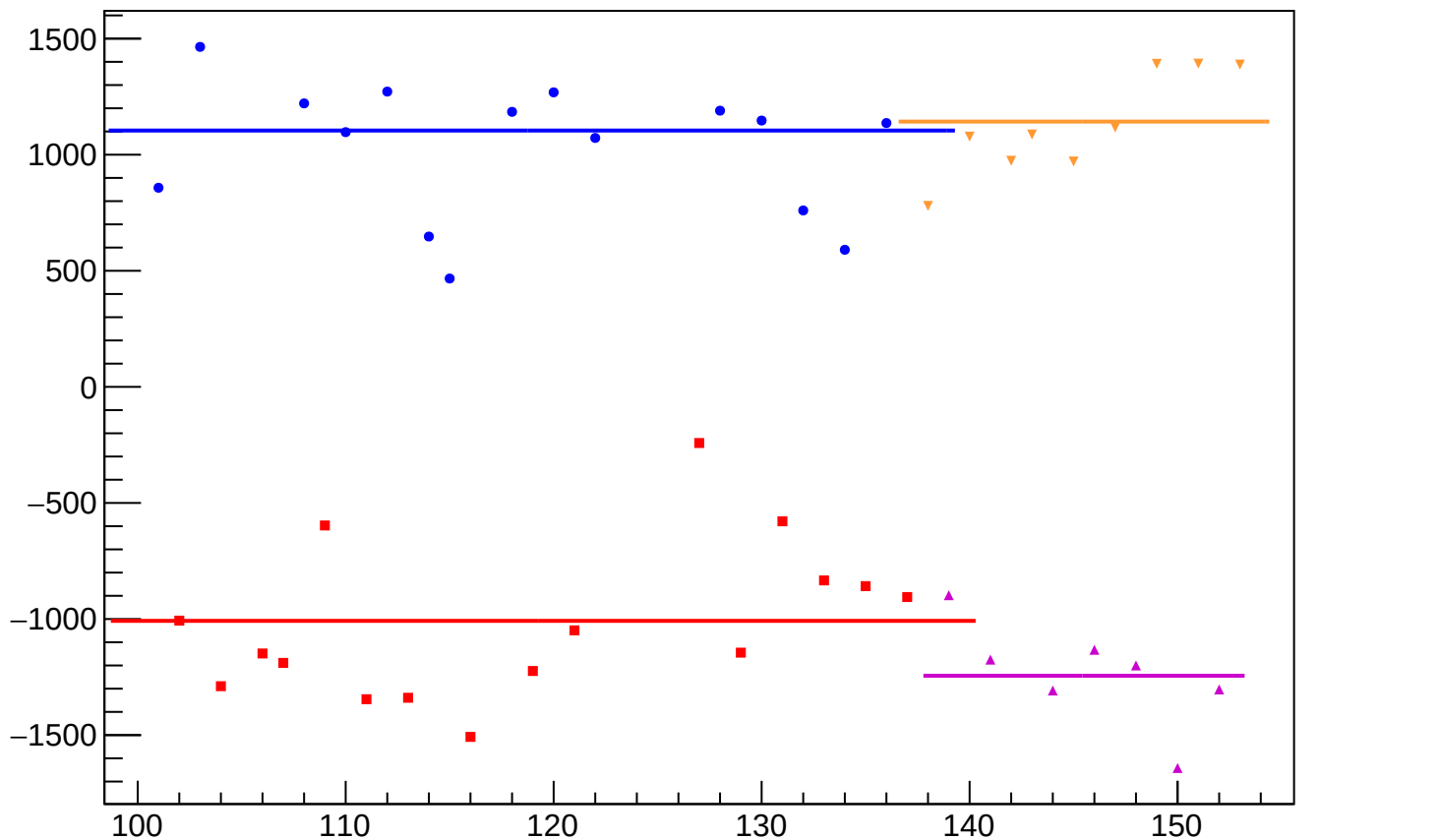
Left Out: 100.046+/-0.000 χ^2/NDF : 1666237764867444851959786166449864704.0/8

Right Out: -124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15

Left In: -106.825+/-0.000 χ^2/NDF : 76136950408732056095489025562902528.0/6

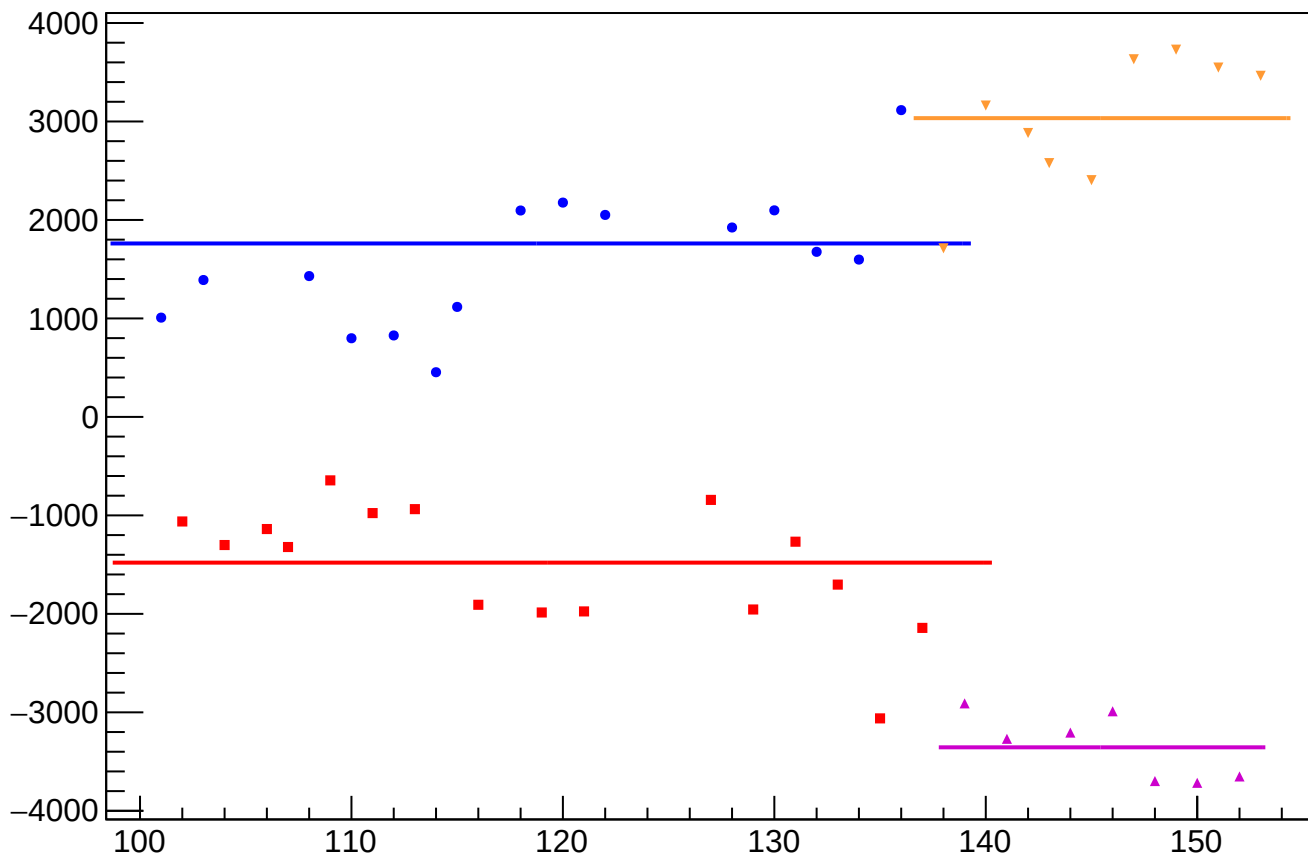
All: 0.180+/-0.000 χ^2/NDF : 46413064997639

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



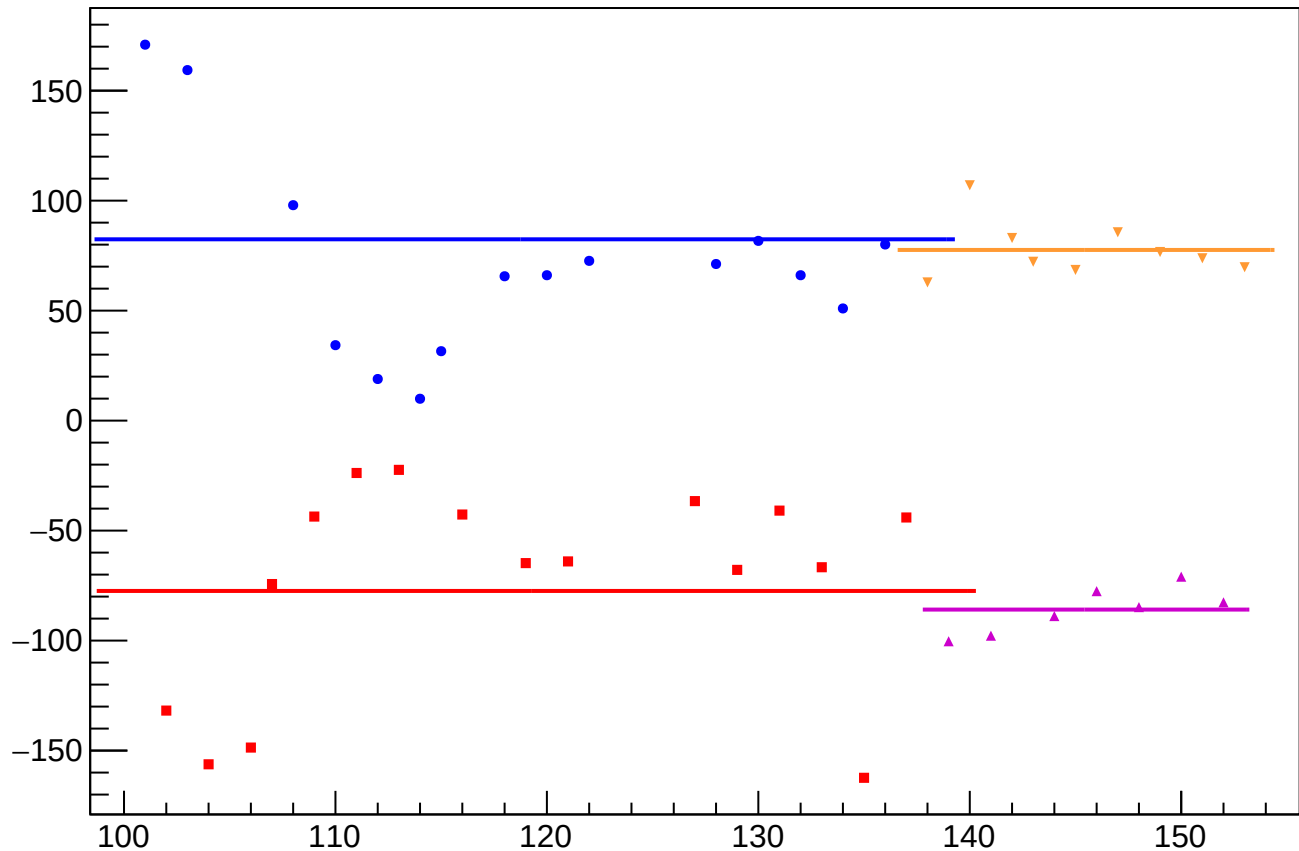
Left: 22.052 ± 0.000 $\chi^2/\text{NDF}: 18695533985657070$
 Right In: 1104.111 ± 0.000 $\chi^2/\text{NDF}: 32737841591587454251521906421545304064.0/14$
 Right: 33.659 ± 0.000 $\chi^2/\text{NDF}: 1569083056347410$
 Left Out: 1142.645 ± 0.000 $\chi^2/\text{NDF}: 29713715013962771151769332826777845760.0/8$
 In: -23.990 ± 0.000 $\chi^2/\text{NDF}: 17784291707389582$
 Right Out: -1007.906 ± 0.000 $\chi^2/\text{NDF}: 69077878009873965622695939627477368832.0/15$
 Out: 76.164 ± 0.000 $\chi^2/\text{NDF}: 16537986646544220$
 Left In: -1244.218 ± 0.000 $\chi^2/\text{NDF}: 26392004693340000926541147830371745792.0/6$
 All: 27.940 ± 0.000 $\chi^2/\text{NDF}: 3438723806252$

dit_sam8_coil3_mean vs Slug, Sign Corrected



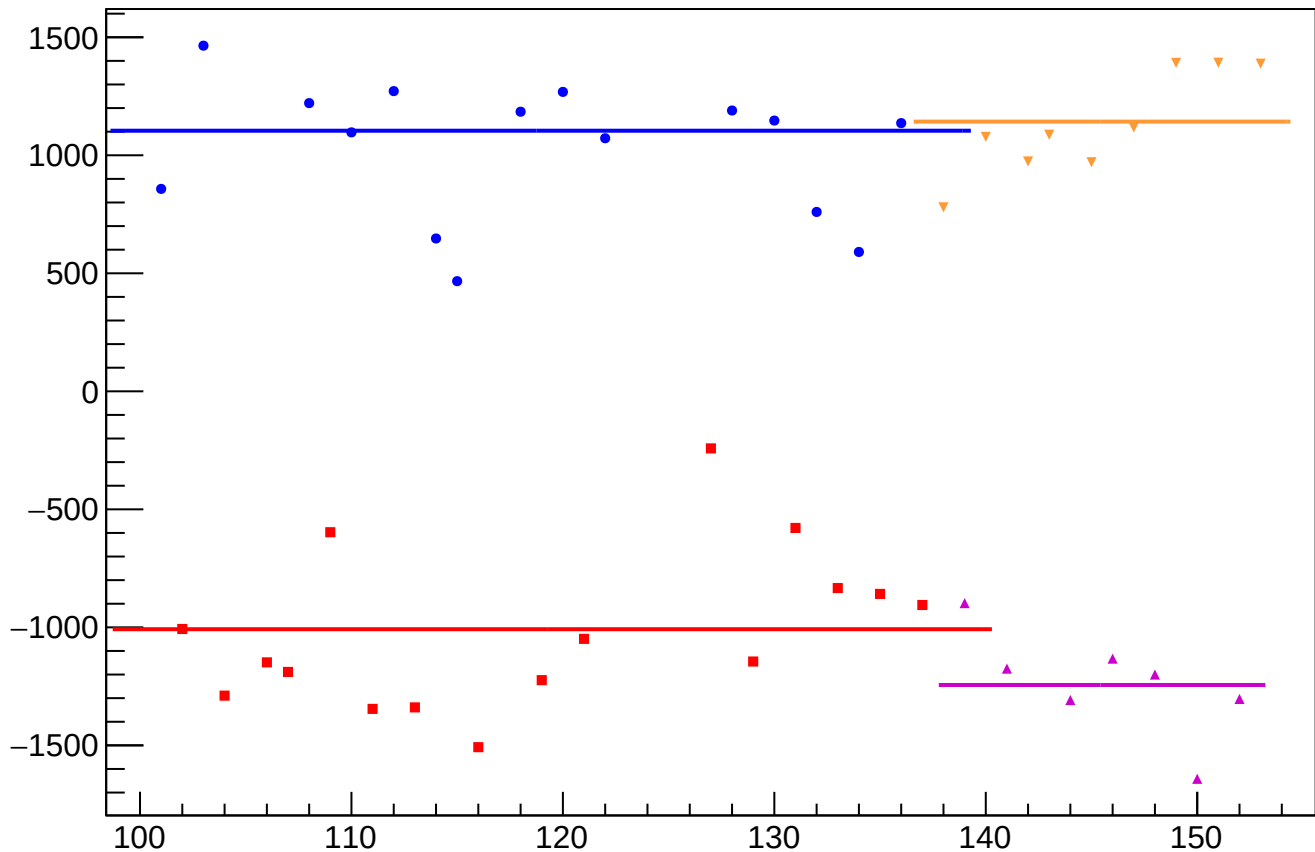
Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Left Out: 3033.829+/-0.000 χ^2/NDF : 289293867806488513517554476110661550080.0/8
 Right Out: -1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15
 Left In: -3355.297+/-0.000 χ^2/NDF : 59166202753644451304162905979659223040.0/6
 All: 77.016+/-0.000 χ^2/NDF : 1739774360326

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: 0.834 +/- 0.000 χ^2/NDF : 86738954192150856
 Right: 1.403 +/- 0.000 χ^2/NDF : 11184350671309506
 In: 1.563 +/- 0.000 χ^2/NDF : 1015344555315454376
 Out: 0.713 +/- 0.000 χ^2/NDF : 970454216834561529
 All: 1.122 +/- 0.000 χ^2/NDF : 19858456034205

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1142.645+/-0.000

χ^2/NDF : 29713715013962771151769332826777845760.0/8

Right Out: -1007.906+/-0.000

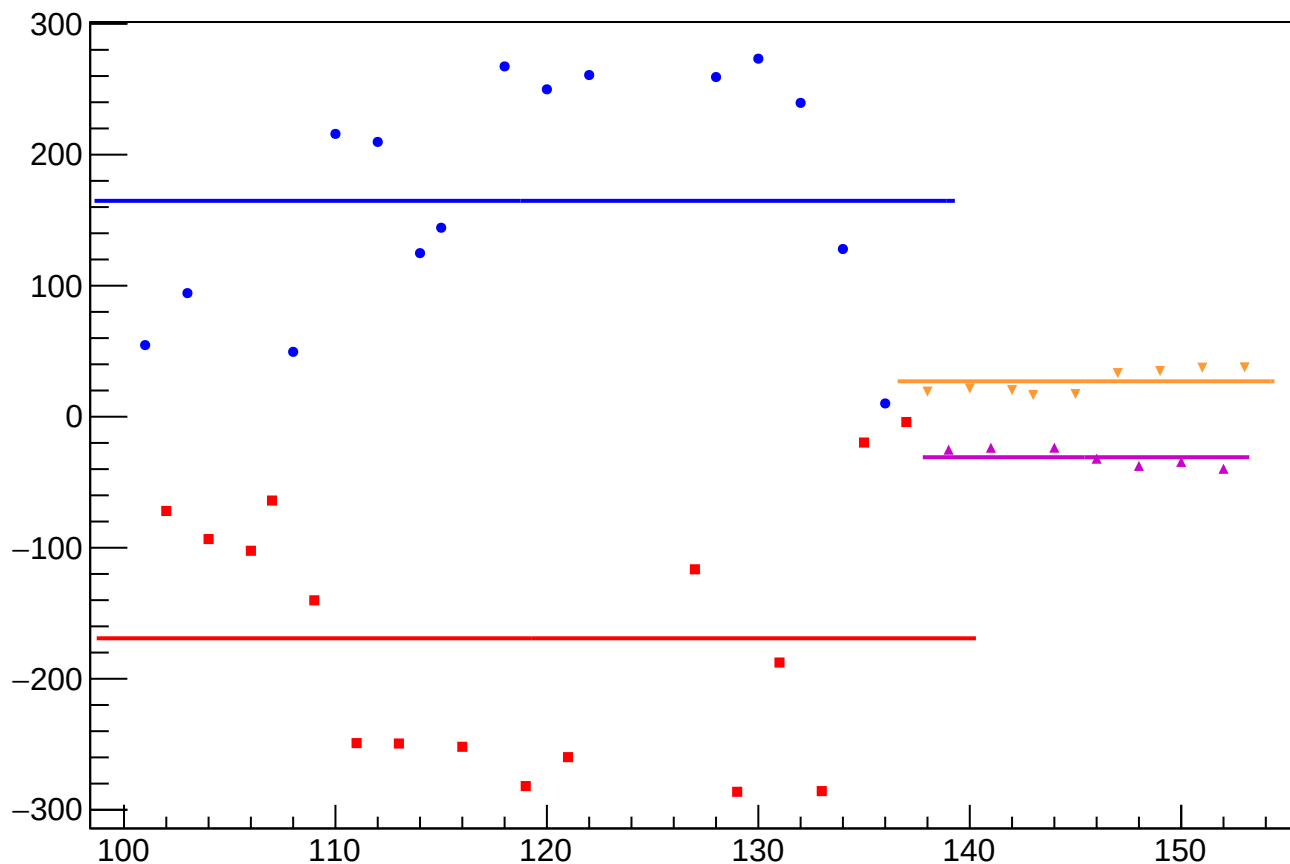
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1244.218+/-0.000

χ^2/NDF : 26392004693340000926541147830371745792.0/6

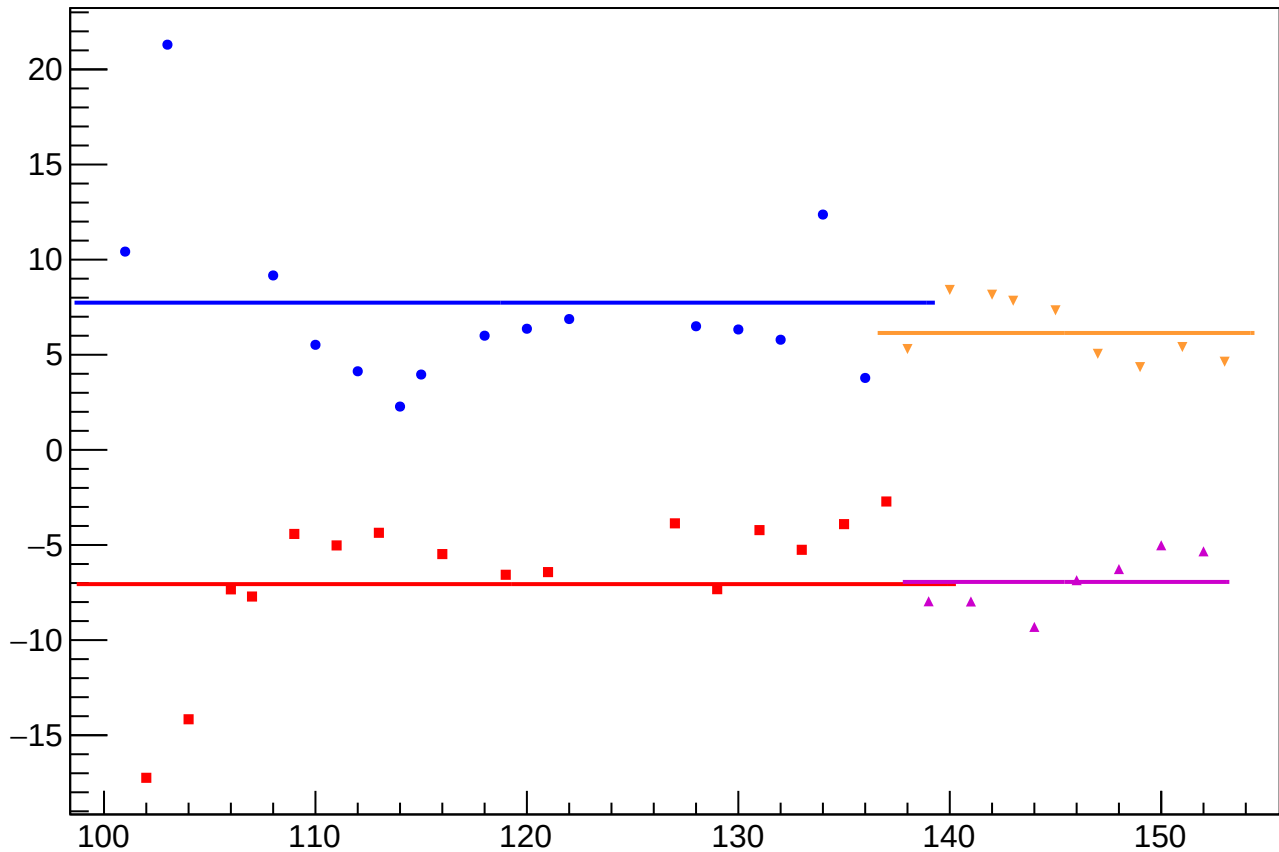
All: 27.940+/-0.000 χ^2/NDF : 3438723806252

dit_4aX_coil7_mean vs Slug, Sign Corrected



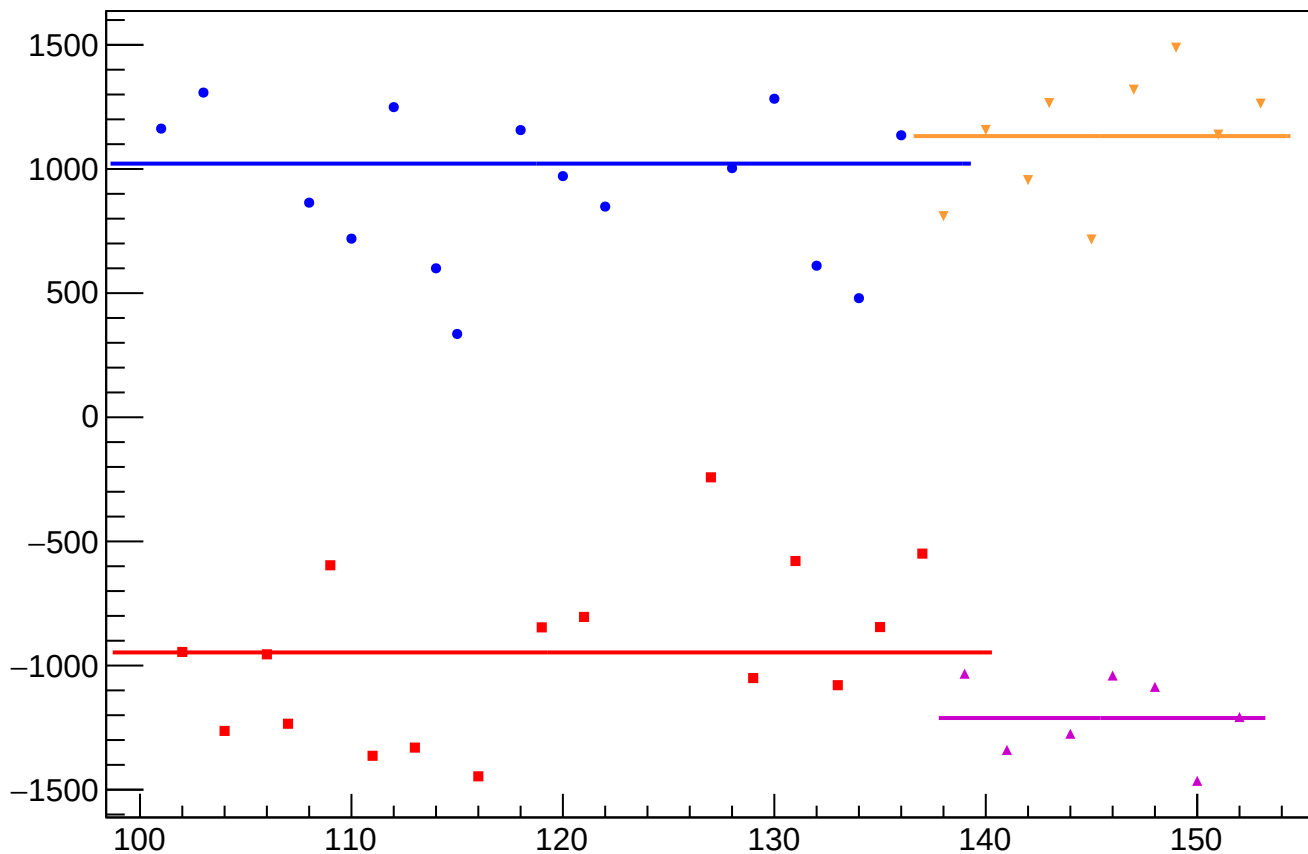
Left: -0.184 ± 0.000 $\chi^2/\text{NDF}: 11422319829804746$
 Right In: 164.752 ± 0.000 $\chi^2/\text{NDF}: 6369828943181833917425699916554960896.0/14$
 Right: -4.461 ± 0.000 $\chi^2/\text{NDF}: 4907468178563624$
 Left Out: 27.015 ± 0.000 $\chi^2/\text{NDF}: 50329822395528375739283589686099968.0/8$
 Right Out: -169.108 ± 0.000 $\chi^2/\text{NDF}: 6040721802042936822766910687819071488.0/15$
 Out: -70.244 ± 0.000 $\chi^2/\text{NDF}: 1902372331350058$
 Left In: -30.919 ± 0.000 $\chi^2/\text{NDF}: 23531200590952148337491006564859904.0/6$
 All: -2.354 ± 0.000 $\chi^2/\text{NDF}: 5022877373774$

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14
 Left Out: 6.146 $\pm$ 0.000 χ^2 /NDF: 1569271412892037188134110945607680.0/8
 Right Out: -7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15
 Left In: -6.942 $\pm$ 0.000 χ^2 /NDF: 1272762587393313205225481037676544.0/6
 All: 0.122 $\pm$ 0.000 χ^2 /NDF: 15582585405827

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

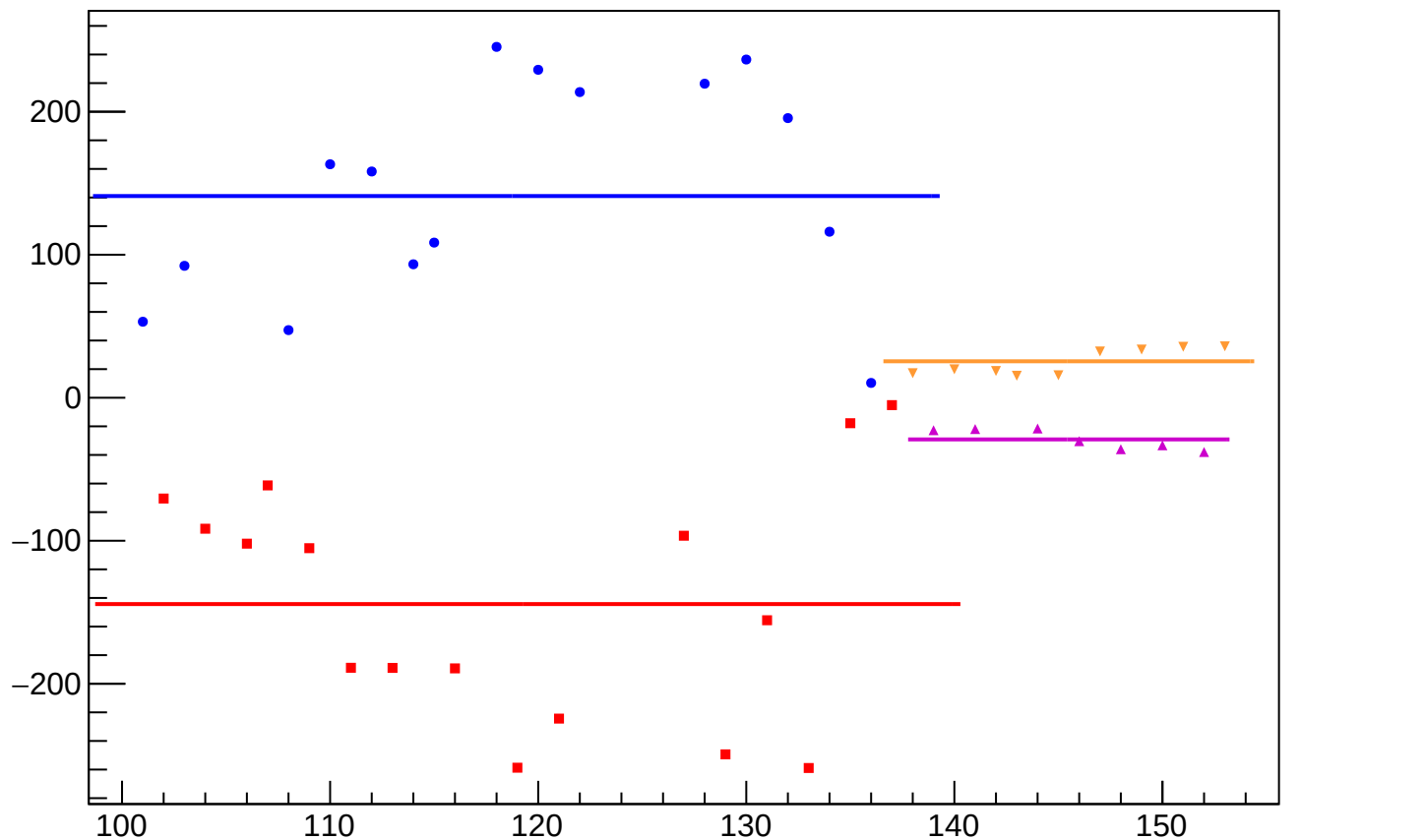
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

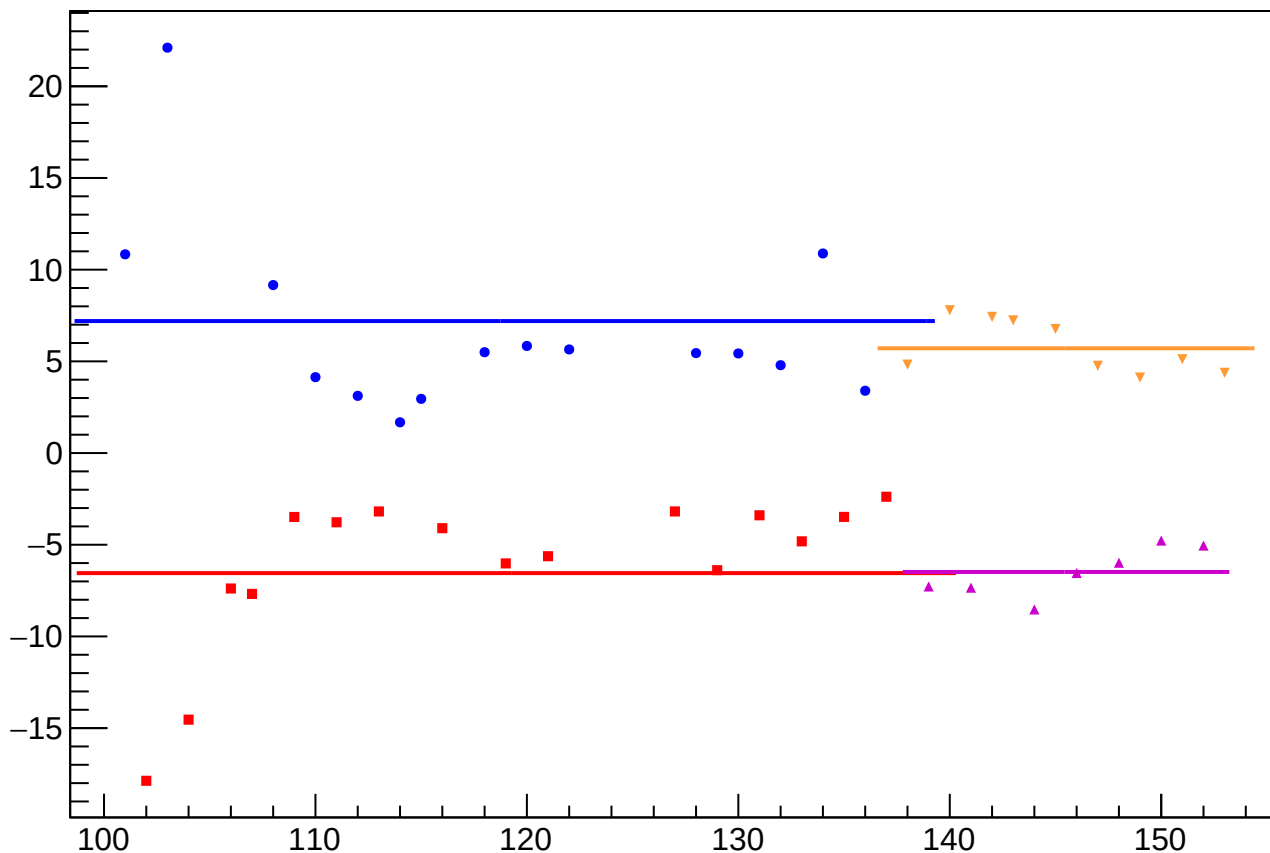
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_4eX_coil7_mean vs Slug, Sign Corrected



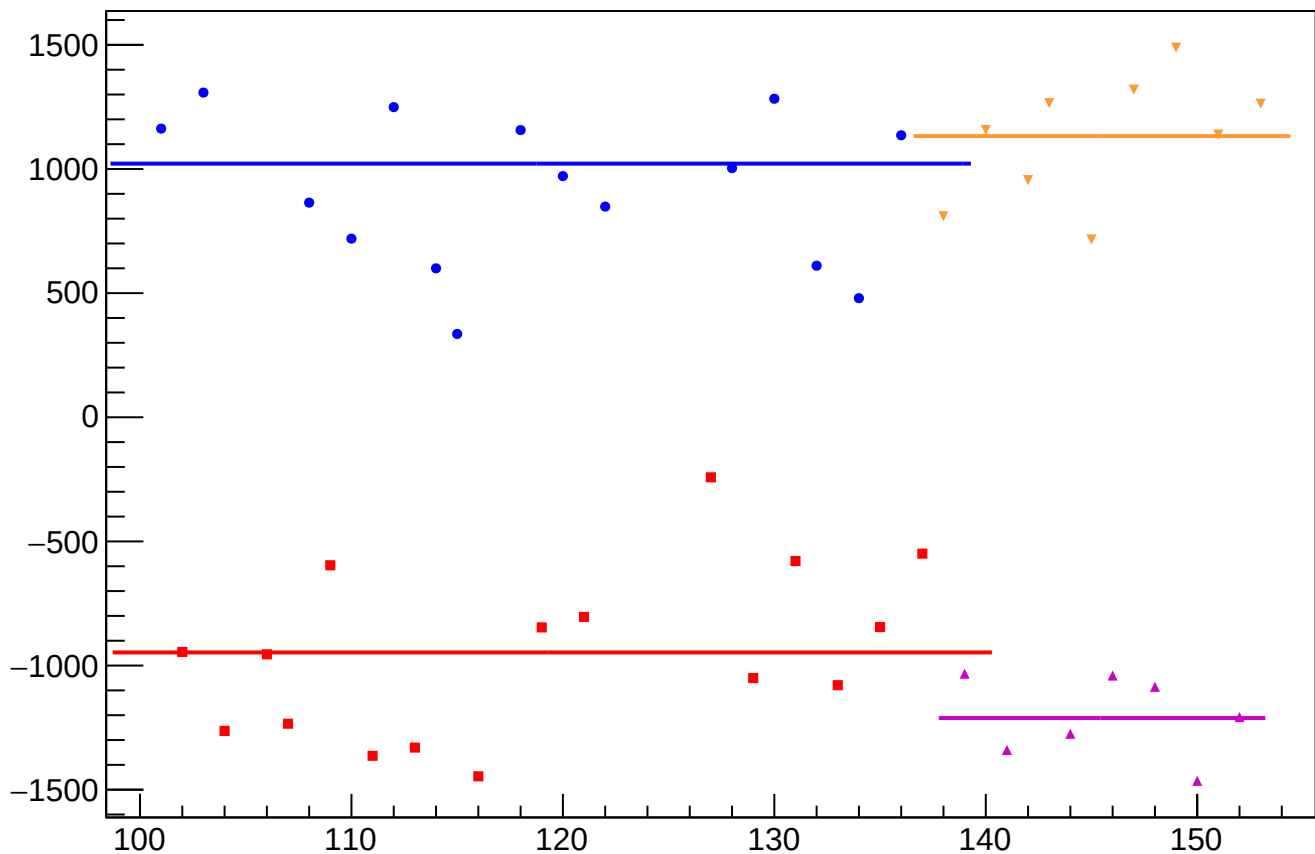
Left: -0.159 ± 0.000 $\chi^2/\text{NDF}: 10265028128332804$
 Right In: 141.032 ± 0.000 $\chi^2/\text{NDF}: 4507992585512923332587415612245934080.0/14$
 Left Out: 25.487 ± 0.000 $\chi^2/\text{NDF}: 51230196902982926553781994153574400.0/8$
 Right Out: -144.283 ± 0.000 $\chi^2/\text{NDF}: 4268333571517740886065361663928827904.0/15$
 In: 59.284 ± 0.000 $\chi^2/\text{NDF}: 135617262314400911$
 Out: -58.704 ± 0.000 $\chi^2/\text{NDF}: 1401032220498893$
 Left In: -29.140 ± 0.000 $\chi^2/\text{NDF}: 25380521611536053277872666546536448.0/6$
 All: -1.893 ± 0.000 $\chi^2/\text{NDF}: 3658746231990$

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



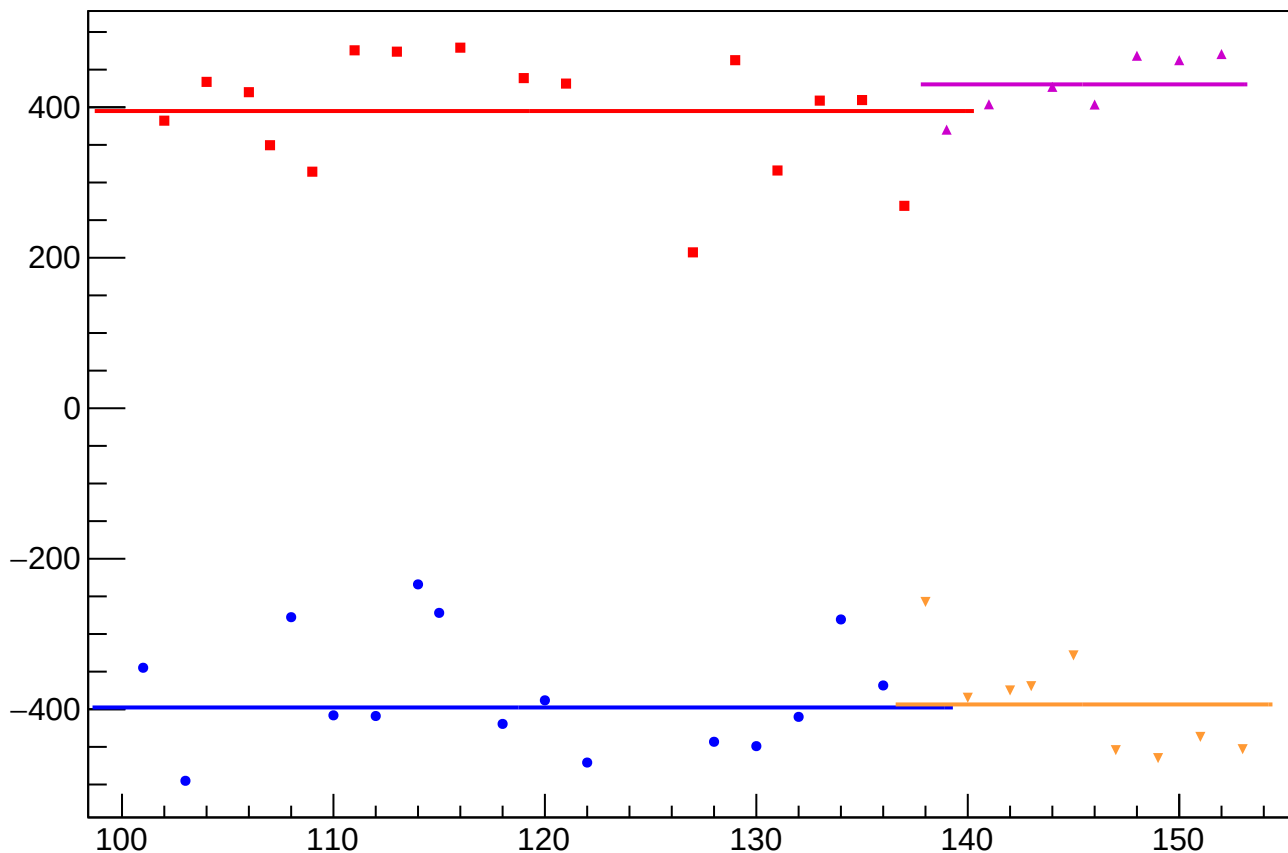
Right In: 7.198 $\pm$ 0.000 χ^2 /NDF: 18212640728502785337831966963138560.0/14
 Left Out: 5.712 $\pm$ 0.000 χ^2 /NDF: 1259145138968240511855374597357568.0/8
 Right Out: -6.547 $\pm$ 0.000 χ^2 /NDF: 14078912505116068936230809834094592.0/15
 Left In: -6.485 $\pm$ 0.000 χ^2 /NDF: 953126246739082879082531261513728.0/6
 All: 0.110 $\pm$ 0.000 χ^2 /NDF: 14402933249911

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



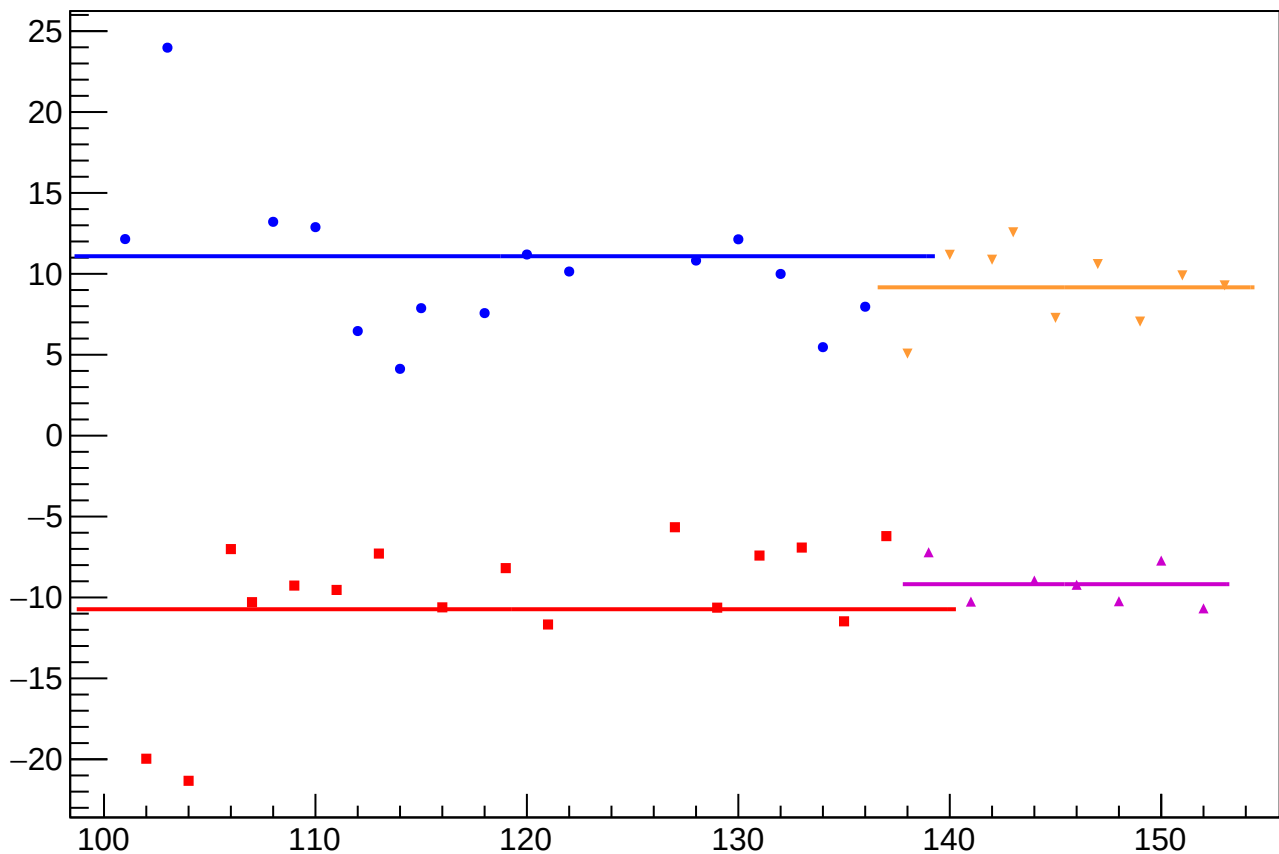
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494+/-0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_11X12X_coil7_mean vs Slug, Sign Corrected



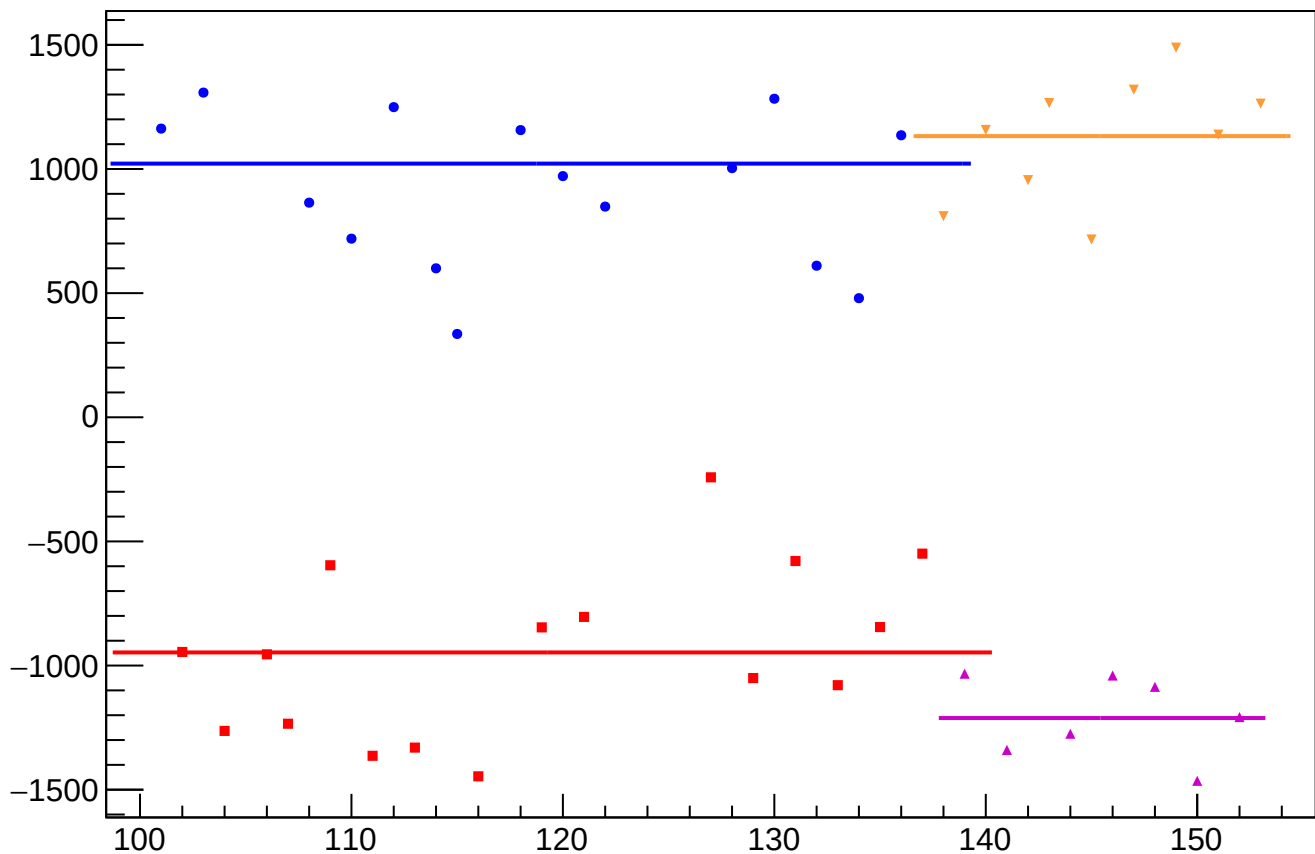
Right In: -397.613 ± 0.000 $\chi^2/\text{NDF}: 2661280785384633207096106229474263040.0/14$
 Left Out: -393.597 ± 0.000 $\chi^2/\text{NDF}: 3012211955543213926907268125259988992.0/8$
 Right Out: 394.973 ± 0.000 $\chi^2/\text{NDF}: 3685595513427183501596165280874102784.0/15$
 Left In: 430.407 ± 0.000 $\chi^2/\text{NDF}: 770257985244627837578327624668676096.0/6$
 All: -1.241 ± 0.000 $\chi^2/\text{NDF}: 4329690338459$

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14
 Left Out: 9.167 $\pm$ 0.000 χ^2 /NDF: 3418205158644499205200768592248832.0/8
 Right Out: -10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15
 Left In: -9.180 $\pm$ 0.000 χ^2 /NDF: 899492020215063275884366528512000.0/6
 All: 0.289 $\pm$ 0.000 χ^2 /NDF: 2971995406394

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

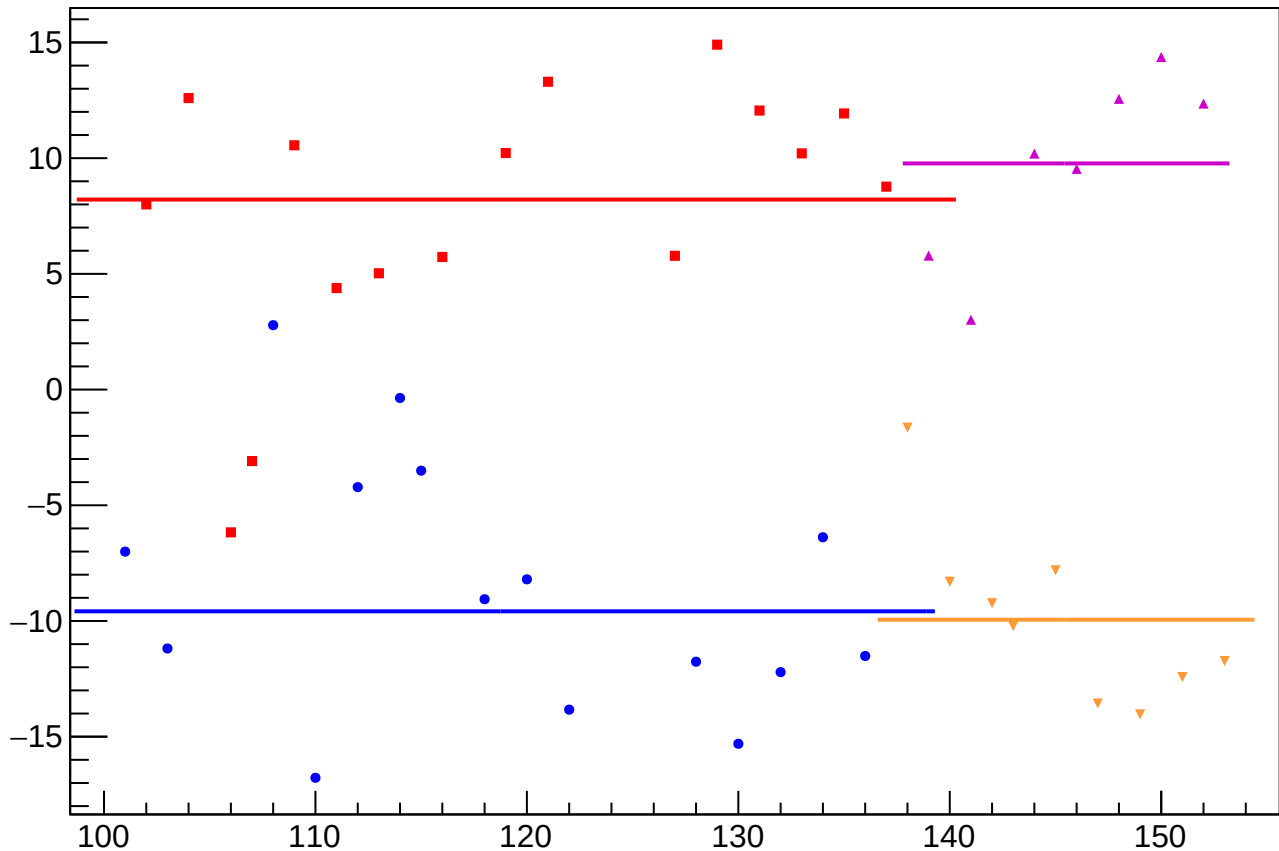
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

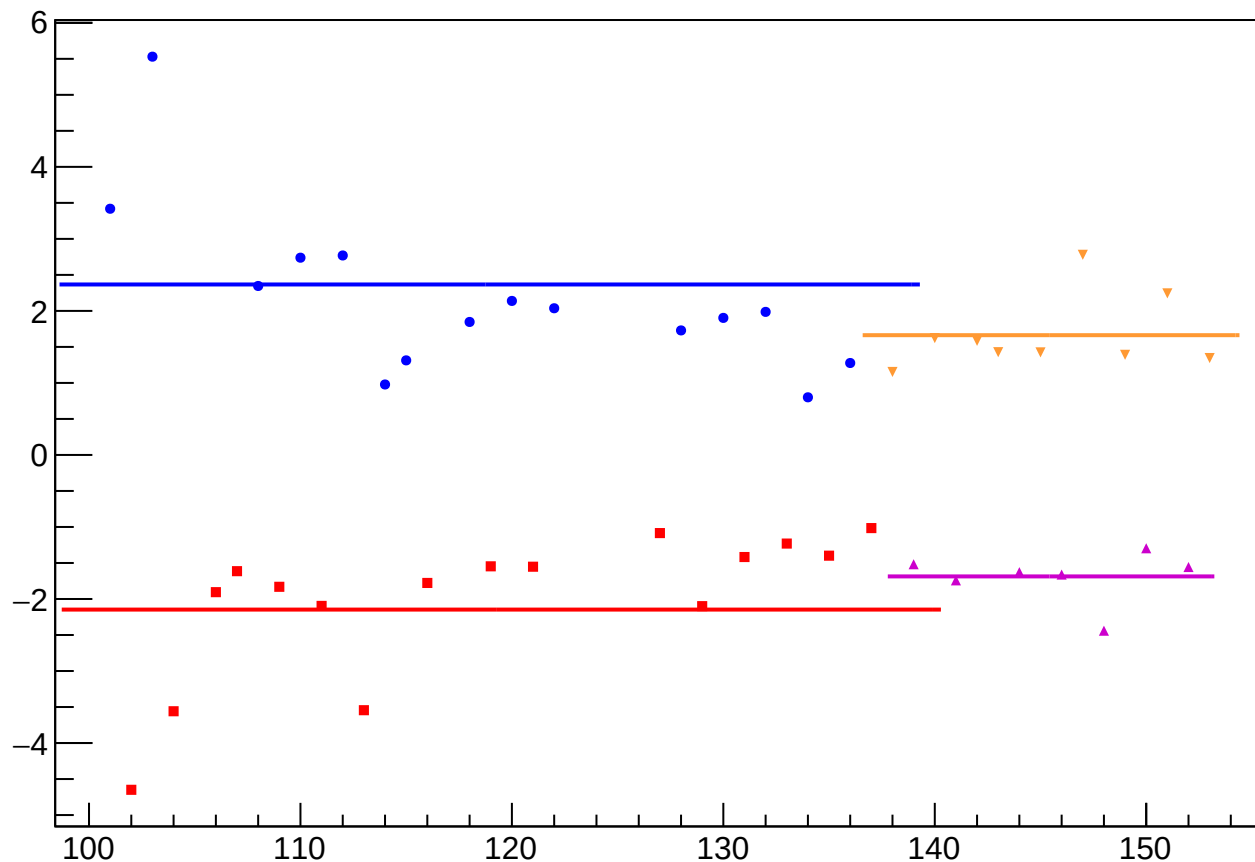
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_4aY_coil7_mean vs Slug, Sign Corrected



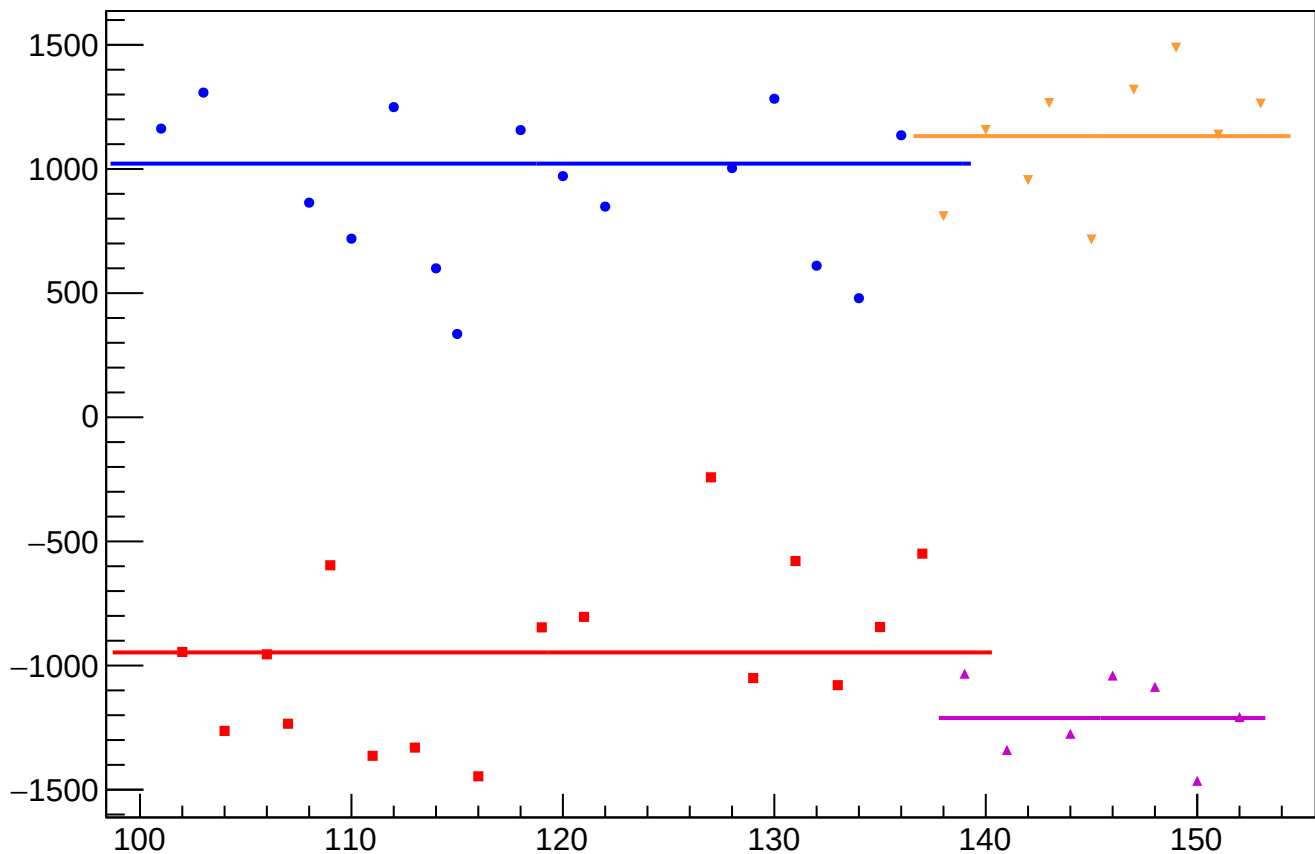
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left In: 9.772 ± 0.000 $\chi^2/\text{NDF}: 8345848328246376065259069625073664.0/6$
 Right Out: -9.945 ± 0.000 $\chi^2/\text{NDF}: 9163698916071131099281893680480256.0/8$
 Left Out: 8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 All: -0.625 ± 0.000 $\chi^2/\text{NDF}: 2784169884356$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



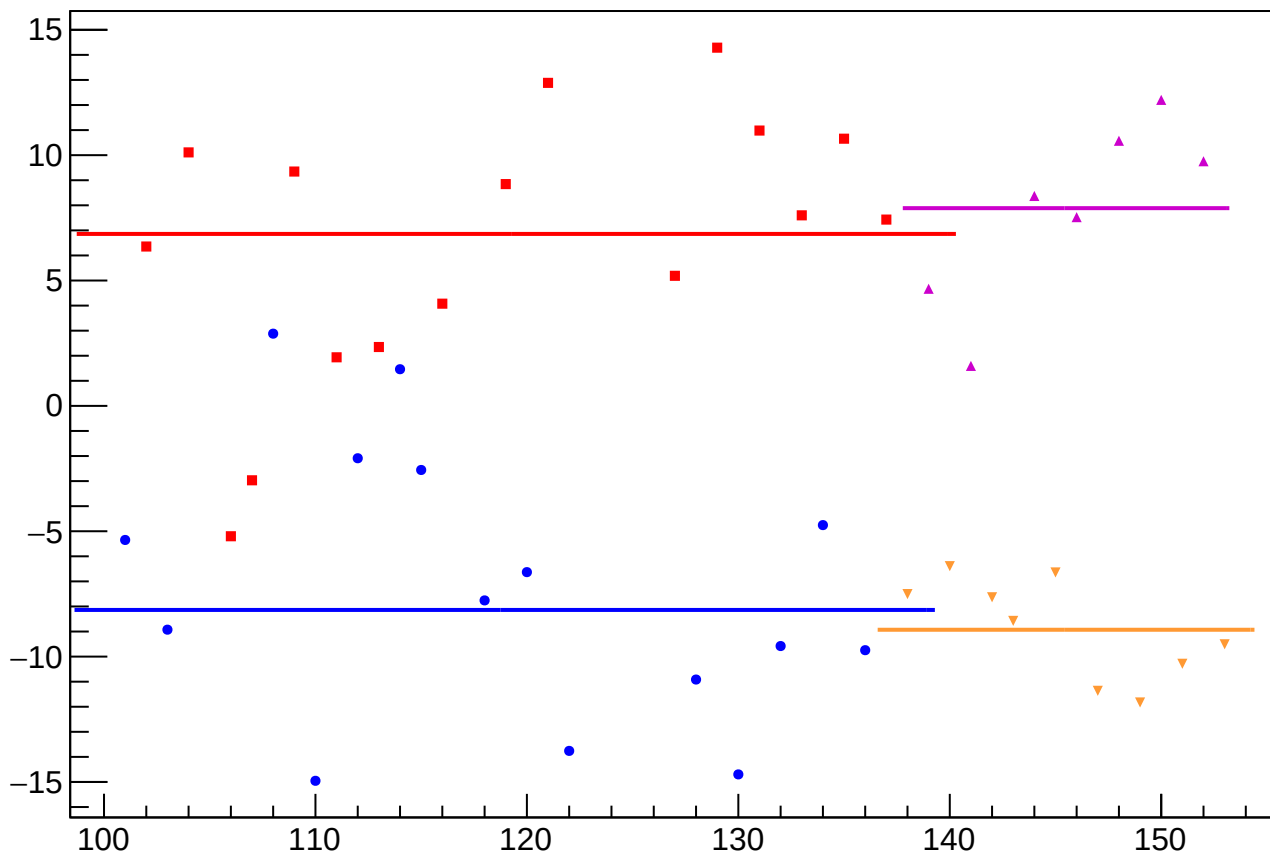
Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14
 Left Out: 1.663 $\pm$ 0.000 χ^2 /NDF: 167042831649701944267465675505664.0/8
 Right Out: -2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15
 Left In: -1.687 $\pm$ 0.000 χ^2 /NDF: 66037460281583927764050771968000.0/6
 All: 0.085 $\pm$ 0.000 χ^2 /NDF: 12191882668208

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 32.108+/-0.000	χ^2/NDF : 18022412352676560
Left Out: 1132.494+/-0.000	χ^2/NDF : 39686876192496915858085858394832371712.0/8	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -51.020+/-0.000	χ^2/NDF : 16090008631769073
Left In: -1211.328+/-0.000	χ^2/NDF : 13918001771304500898480106304308248576.0/6	Out: 101.178+/-0.000	χ^2/NDF : 1561622077009199
	All: 27.896+/-0.000		χ^2/NDF : 3185624459199

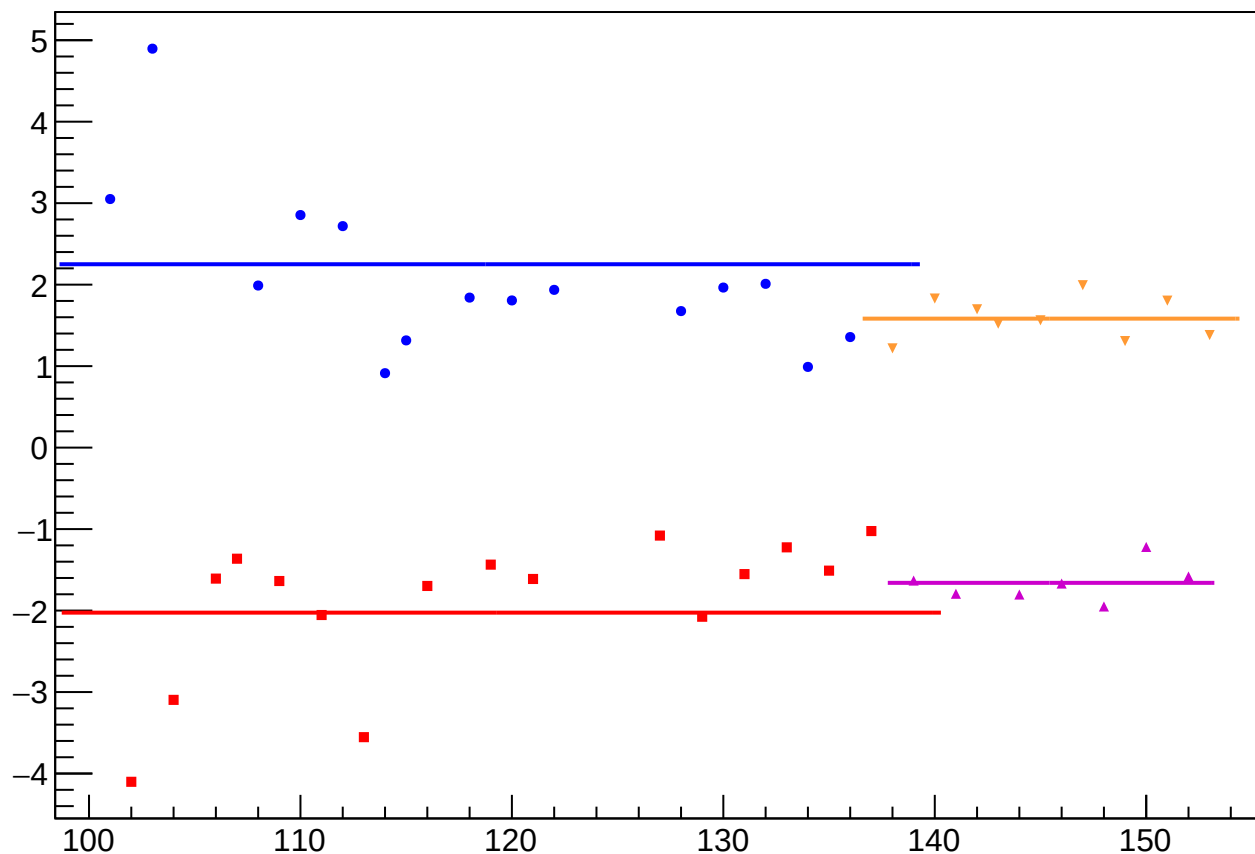
dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -1.034 ± 0.000 $\chi^2/\text{NDF}: 99381664763839175$
 Right: -0.537 ± 0.000 $\chi^2/\text{NDF}: 1051474549999360$
 In: -0.441 ± 0.000 $\chi^2/\text{NDF}: 101584714509042959$
 Out: -1.100 ± 0.000 $\chi^2/\text{NDF}: 10282314363866580$
 All: -0.782 ± 0.000 $\chi^2/\text{NDF}: 2046892367913$

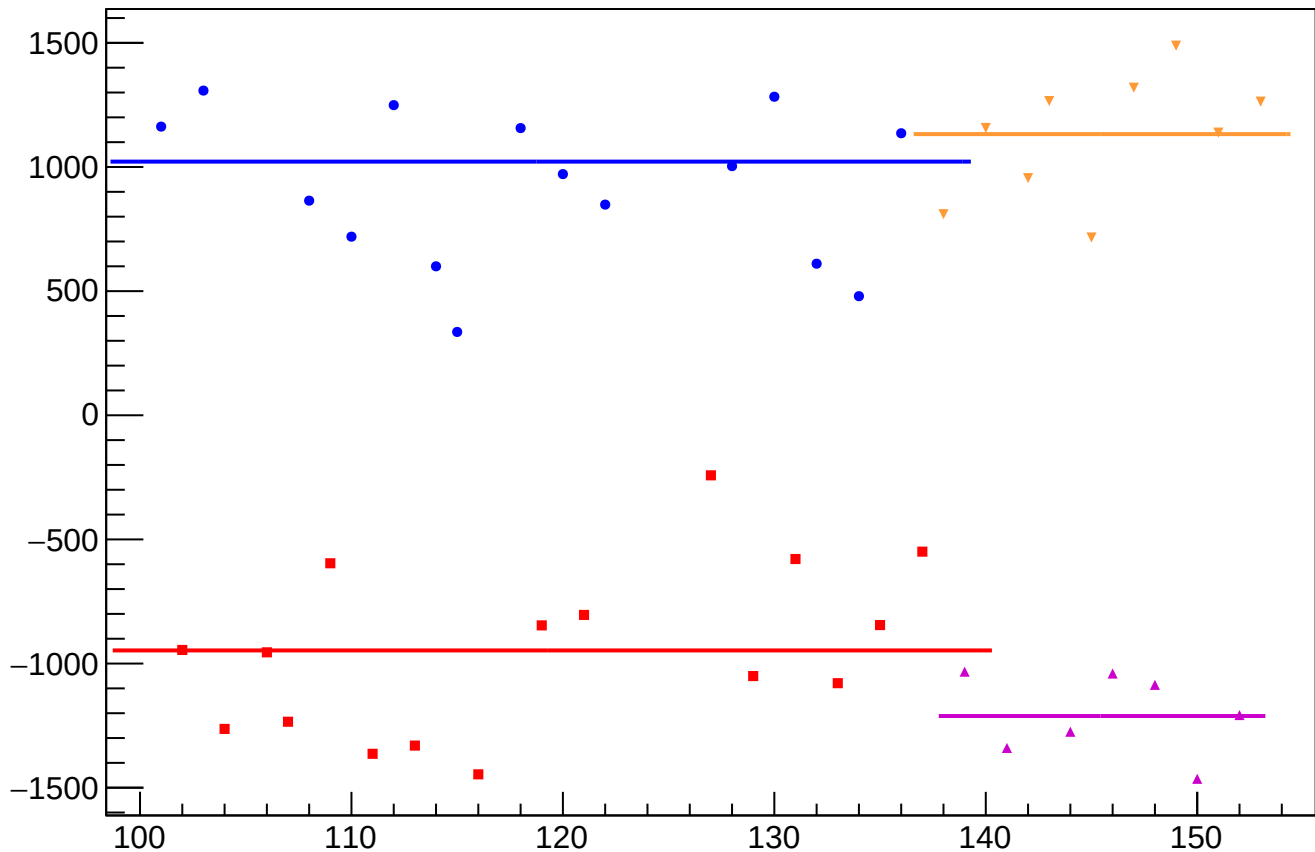
Right In: -8.139 ± 0.000 $\chi^2/\text{NDF}: 14676442649222120372533779893321728.0/14$
 Left Out: -8.929 ± 0.000 $\chi^2/\text{NDF}: 2533603868258031596105575186825216.0/8$
 Right Out: 6.859 ± 0.000 $\chi^2/\text{NDF}: 16483631561591790731352632153079808.0/15$
 Left In: 7.886 ± 0.000 $\chi^2/\text{NDF}: 6842664197540595954155671766695936.0/6$

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.583 ± 0.000 χ^2/NDF : 42971946316530170162898708463616.0/8
 Right Out: -2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.660 ± 0.000 χ^2/NDF : 28688127813716290993390675296256.0/6
 All: 0.072 ± 0.000 χ^2/NDF : 1066809589434

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

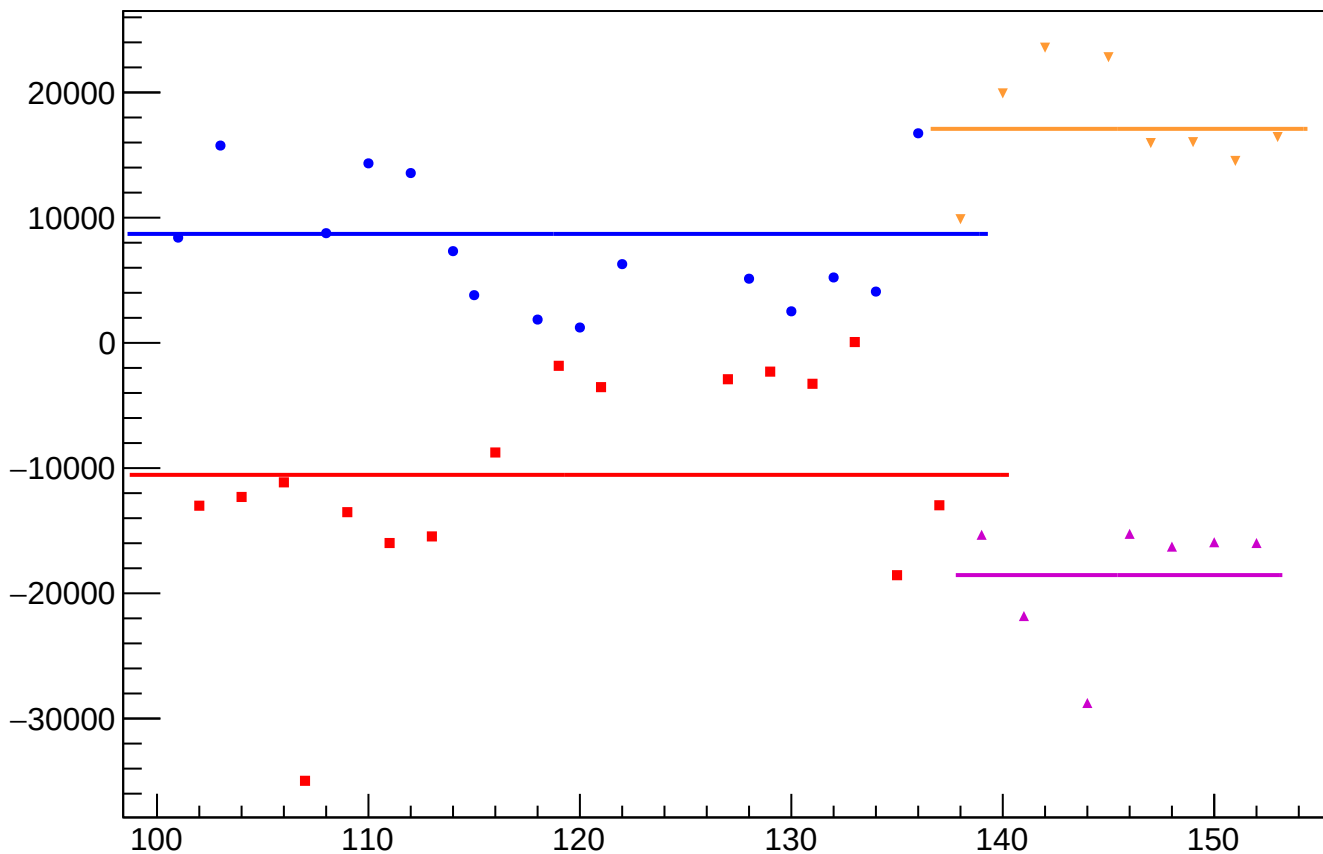
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

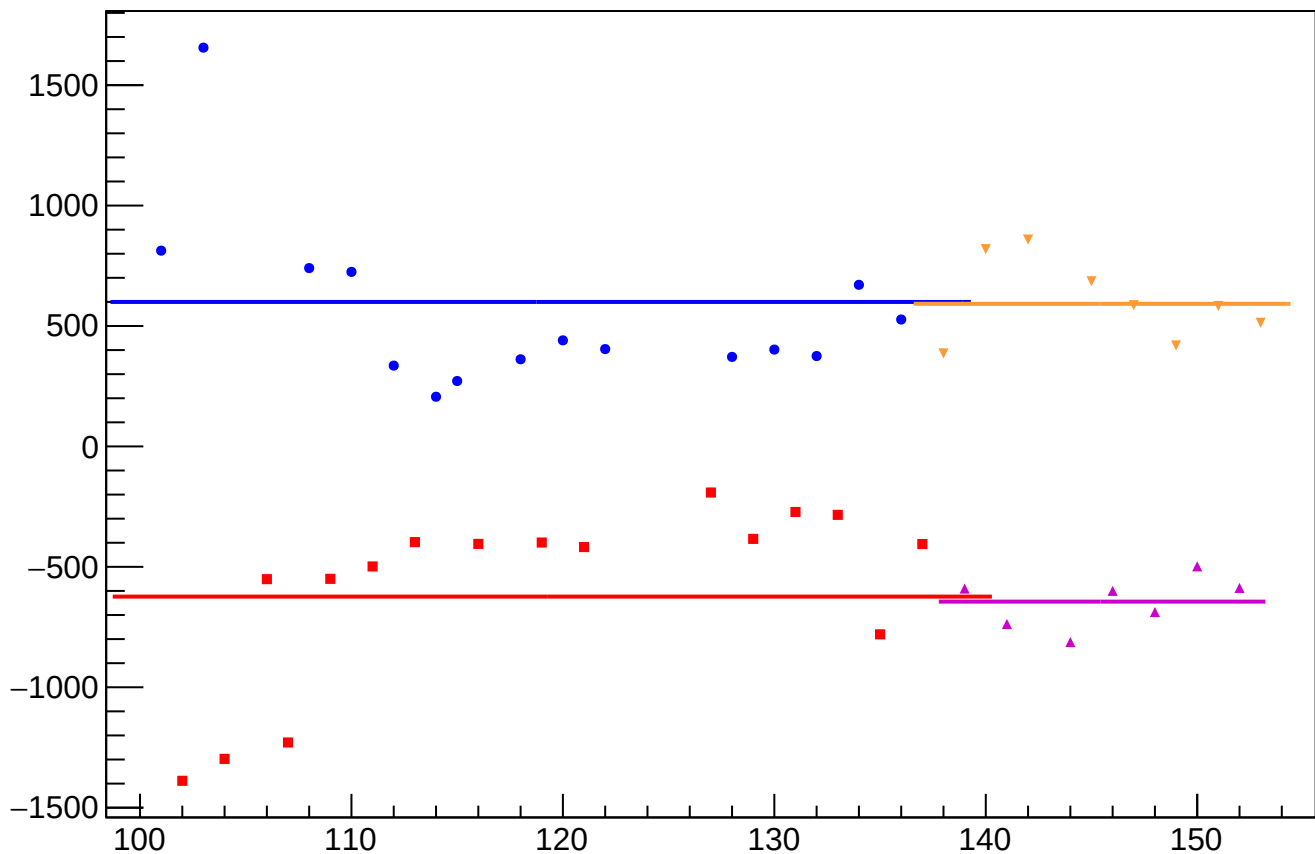
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_usl_coil7_mean vs Slug, Sign Corrected



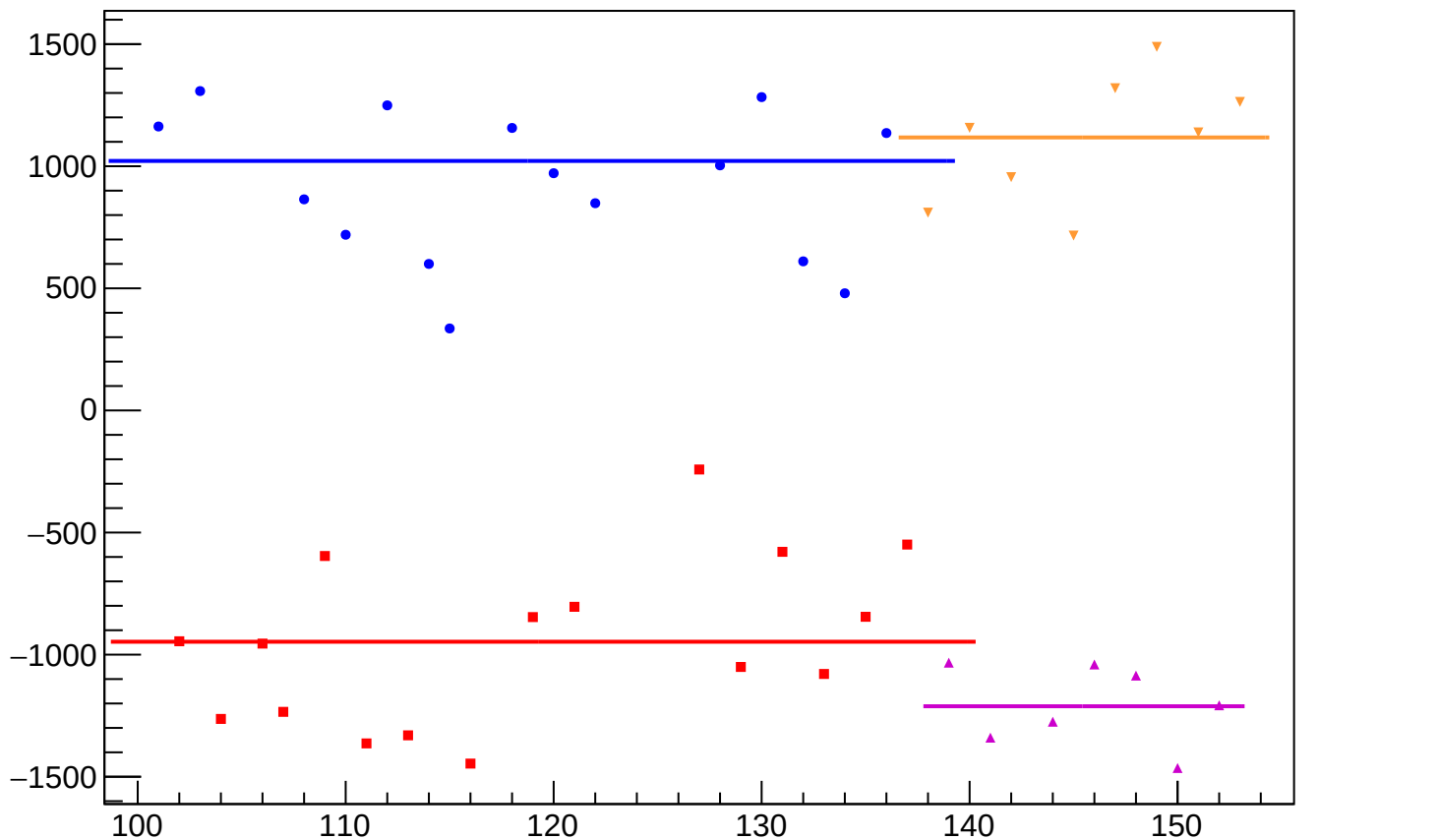
Left: -563.294+/-0.000 χ^2/NDF : 408068270015354
 Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Right: -1049.596+/-0.000 χ^2/NDF : 1875271262832
 Left Out: 17093.421+/-0.000 χ^2/NDF : 10039484159449677017322555716061313892352.0/7
 In: -4385.722+/-0.000 χ^2/NDF : 264525586644750
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Out: 2671.635+/-0.000 χ^2/NDF : 299757973717383
 Left In: -18543.717+/-0.000 χ^2/NDF : 13566316427770663910797989880165082071040.0/6
 All: -816.548+/-0.000 χ^2/NDF : 59574454042

dit_usl_coil7_err_mean vs Slug, Sign Corrected



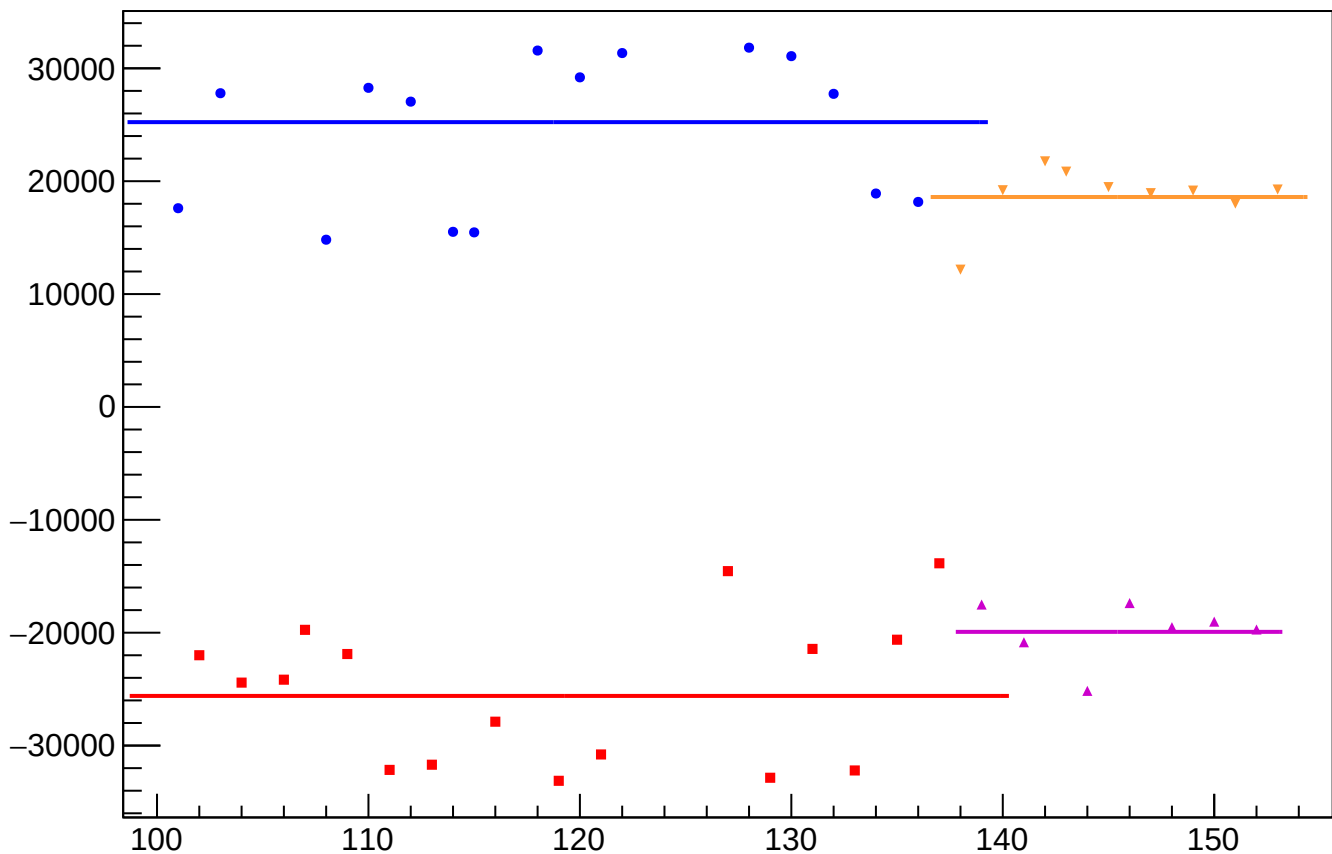
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14
 Left Out: 592.131+/-0.000 χ^2/NDF : 14555138373749026525610780523965186048.0/7
 Right Out: -623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15
 Left In: -644.485+/-0.000 χ^2/NDF : 6036830192828769664216800731464728576.0/6
 All: -20.387+/-0.000 χ^2/NDF : 116657190800

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 ± 0.000 $\chi^2/\text{NDF}: 40493101470870278397836276403592495104.0/14$
 Left Out: 1117.890 ± 0.000 $\chi^2/\text{NDF}: 38368239145242929701423100245116452864.0/7$
 Right Out: -947.145 ± 0.000 $\chi^2/\text{NDF}: 67784656011936521511169668028018196480.0/15$
 Left In: -1211.328 ± 0.000 $\chi^2/\text{NDF}: 13918001771304500898480106304308248576.0/6$
 All: -4.922 ± 0.000 $\chi^2/\text{NDF}: 3080252822085$

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229+/-0.000

χ^2/NDF : 24534581974772031016304633863538632294400.0/14

Left Out: 18598.753+/-0.000

χ^2/NDF : 4220486056035920979254350229385437511680.0/8

Right Out: -25601.388+/-0.000

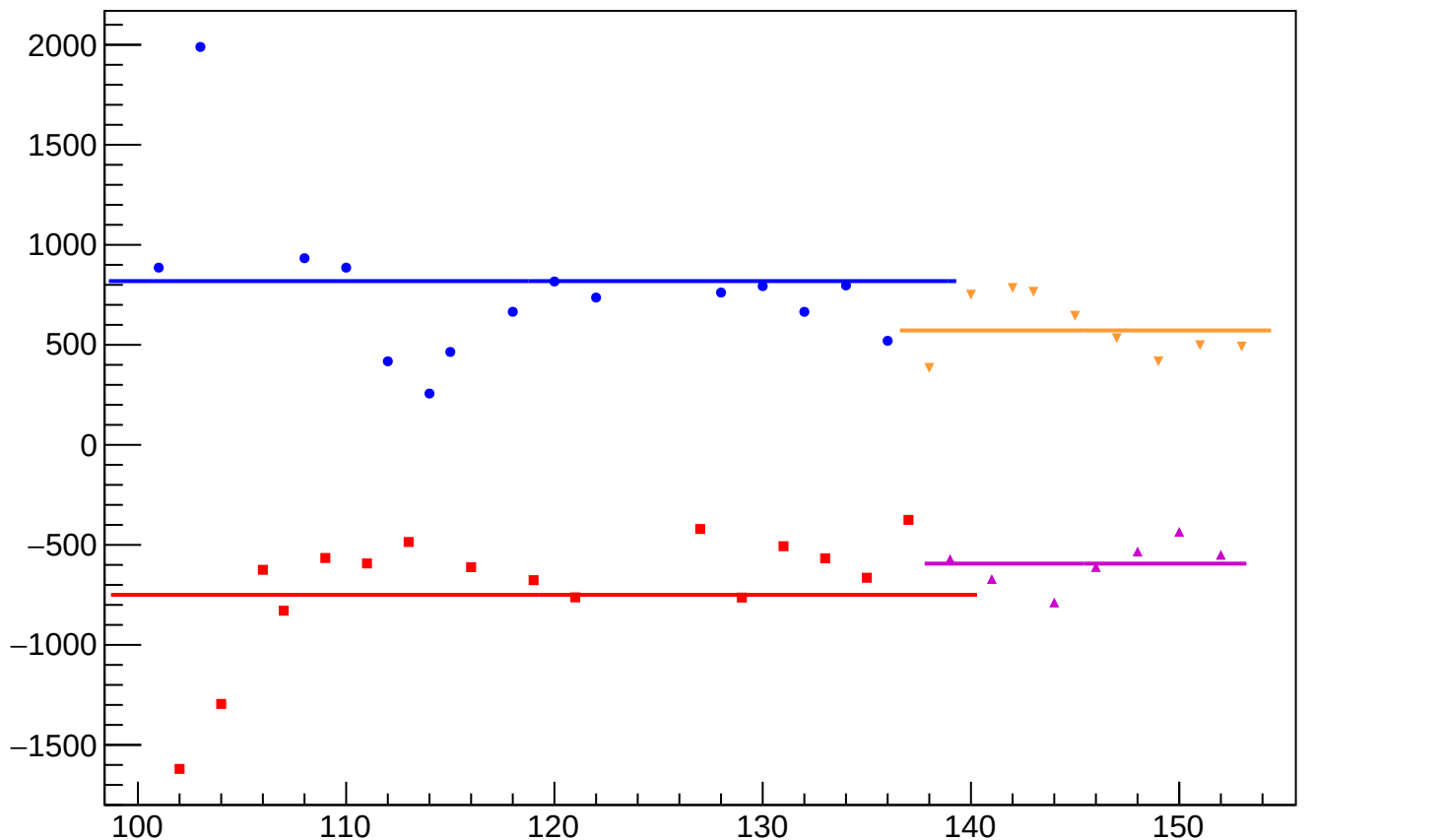
χ^2/NDF : 24359757587964510827650819847270483099648.0/15

Left In: -19926.031+/-0.000

χ^2/NDF : 3611623525531522297290525080171671715840.0/6

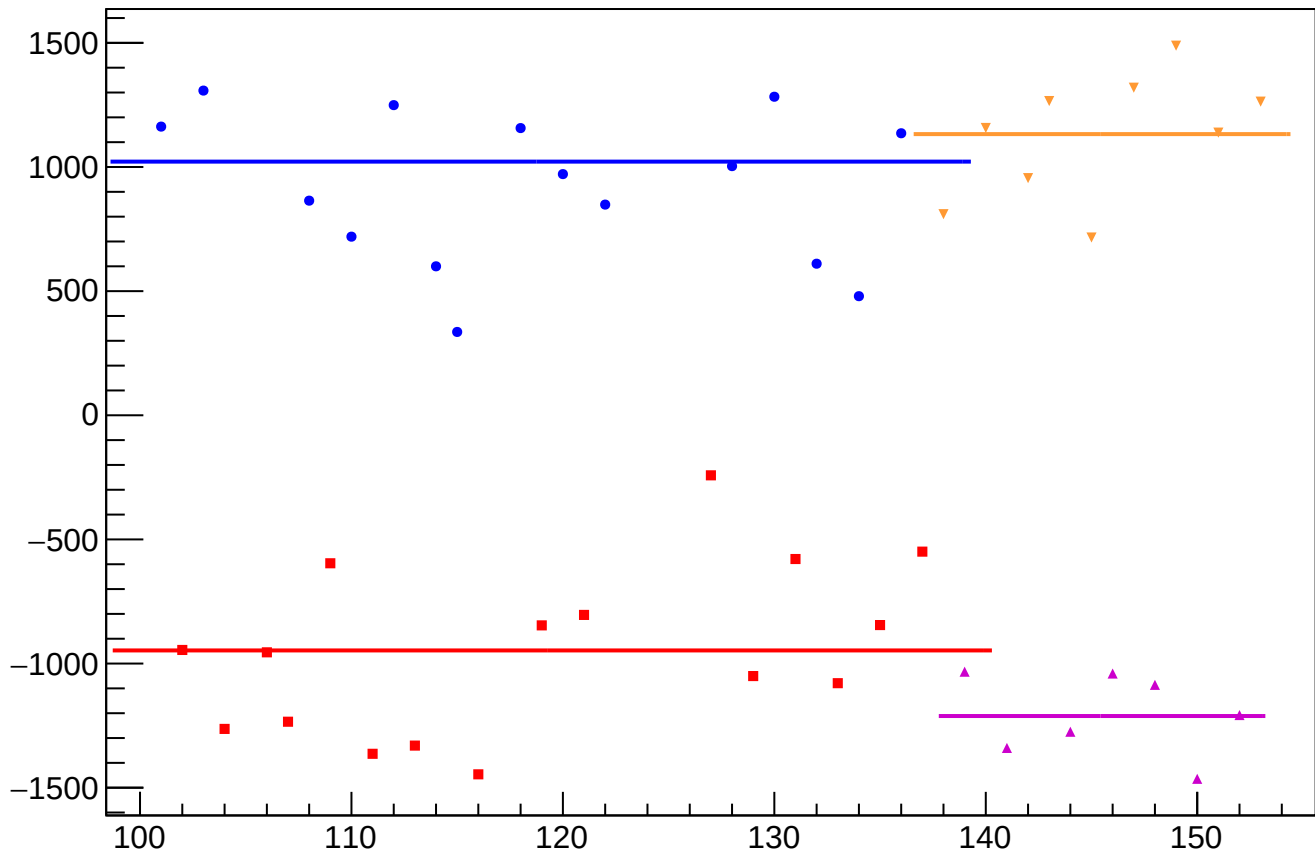
All: -17.762+/-0.000 χ^2/NDF : 137985142409

dit_usr_coil7_err_mean vs Slug, Sign Corrected



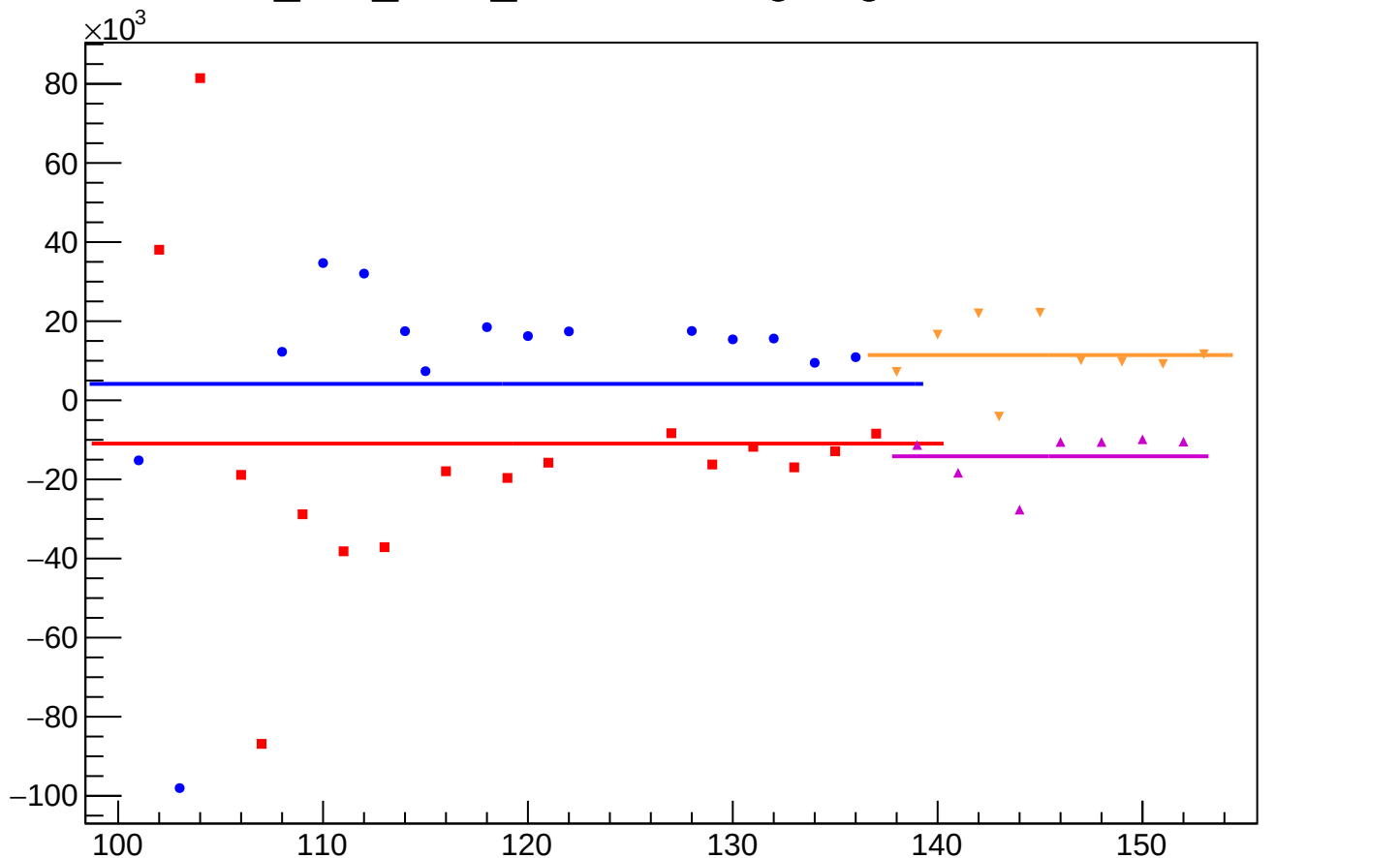
Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14
 Left Out: 572.121+/-0.000 χ^2/NDF : 13471185619595681358170956836500406272.0/8
 Right Out: -749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15
 Left In: -593.573+/-0.000 χ^2/NDF : 6702340826118449032852812596844167168.0/6
 All: 24.304+/-0.000 χ^2/NDF : 1445361738603

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



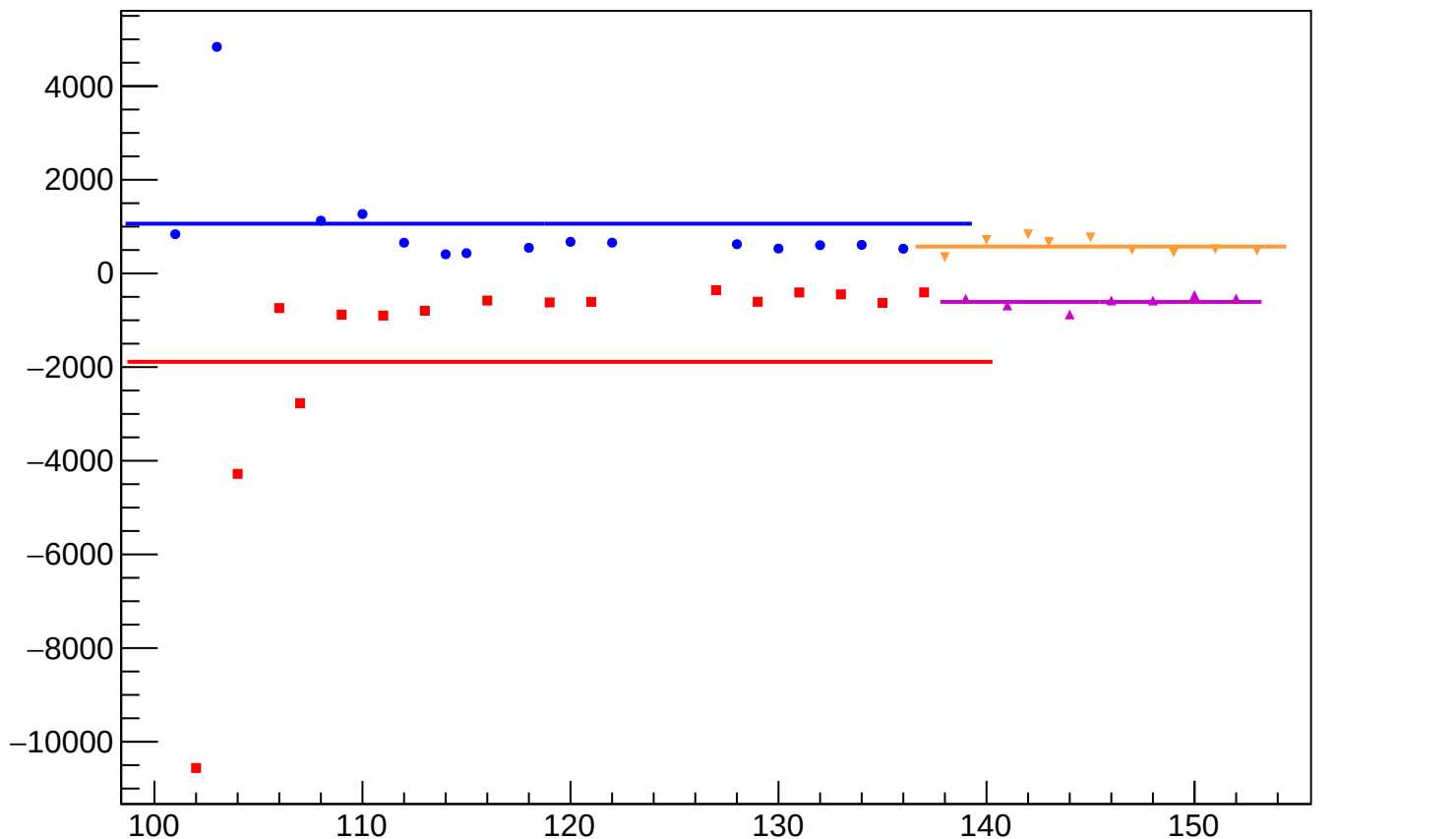
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6
 All: 27.896 $\pm$ 0.000 χ^2 /NDF: 3185624459199

dit_atl1_coil7_mean vs Slug, Sign Corrected



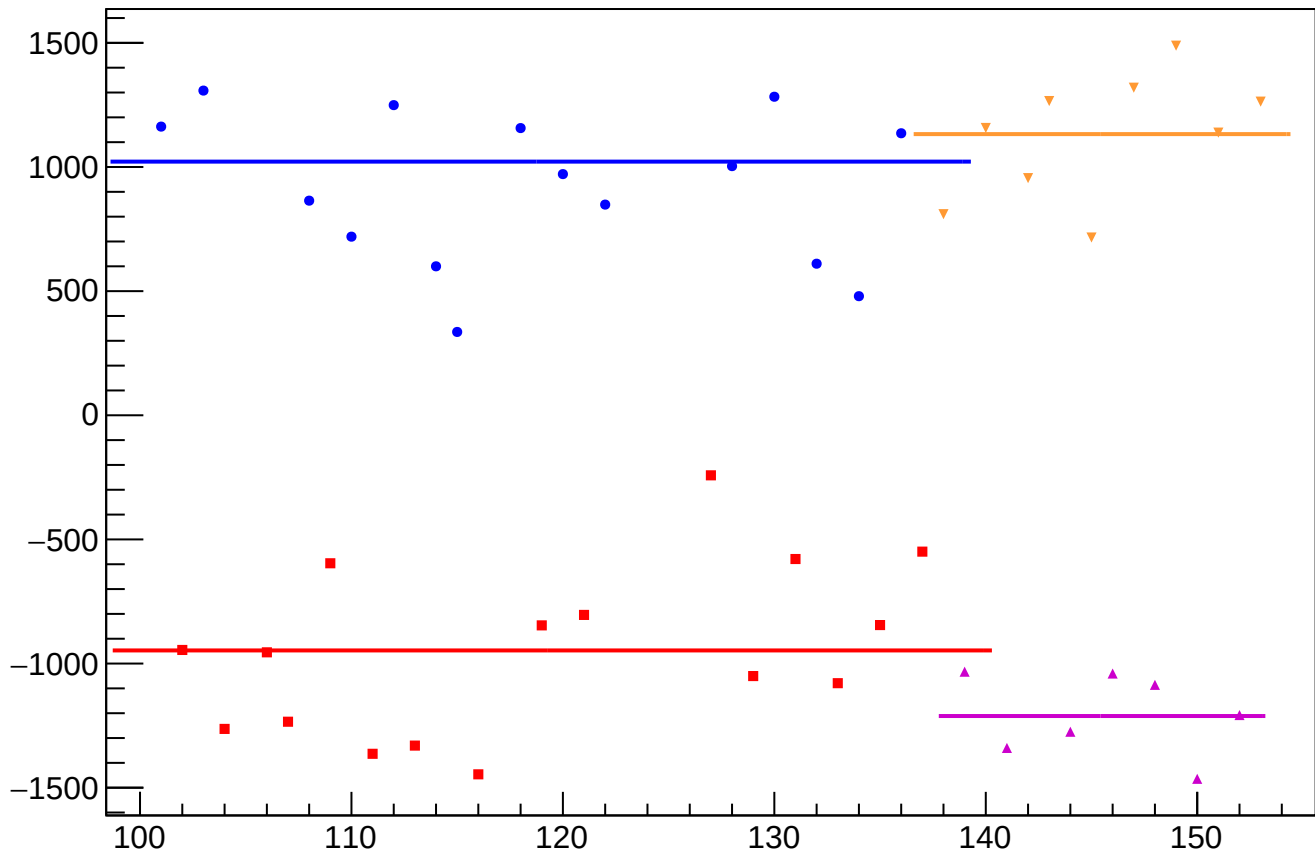
Left: -580.969 ± 0.000 $\chi^2/\text{NDF}: 266778079472950$
 Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Left Out: 11431.881 ± 0.000 $\chi^2/\text{NDF}: 34987914740774788447665203212514016362496.0/8$
 Right Out: -10948.073 ± 0.000 $\chi^2/\text{NDF}: 873949668510327201514601463115396191092736.0/15$
 Left In: -14155.488 ± 0.000 $\chi^2/\text{NDF}: 23388422259652820802373329820332628901888.0/6$
 All: -2064.211 ± 0.000 $\chi^2/\text{NDF}: 1984898904$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 1062.141 $\pm$ 0.000 χ^2 /NDF: 952806231926530012715872184655778152448.0/14
 Left Out: 573.610 $\pm$ 0.000 χ^2 /NDF: 15201872411056086926209093267437387776.0/8
 Right Out: -1887.077 $\pm$ 0.000 χ^2 /NDF: 5525872718363845620366029387569058283520.0/15
 Left In: -607.472 $\pm$ 0.000 χ^2 /NDF: 9796722886503236630539038281571500032.0/6
 All: -210.072 $\pm$ 0.000 χ^2 /NDF: 99410897556

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

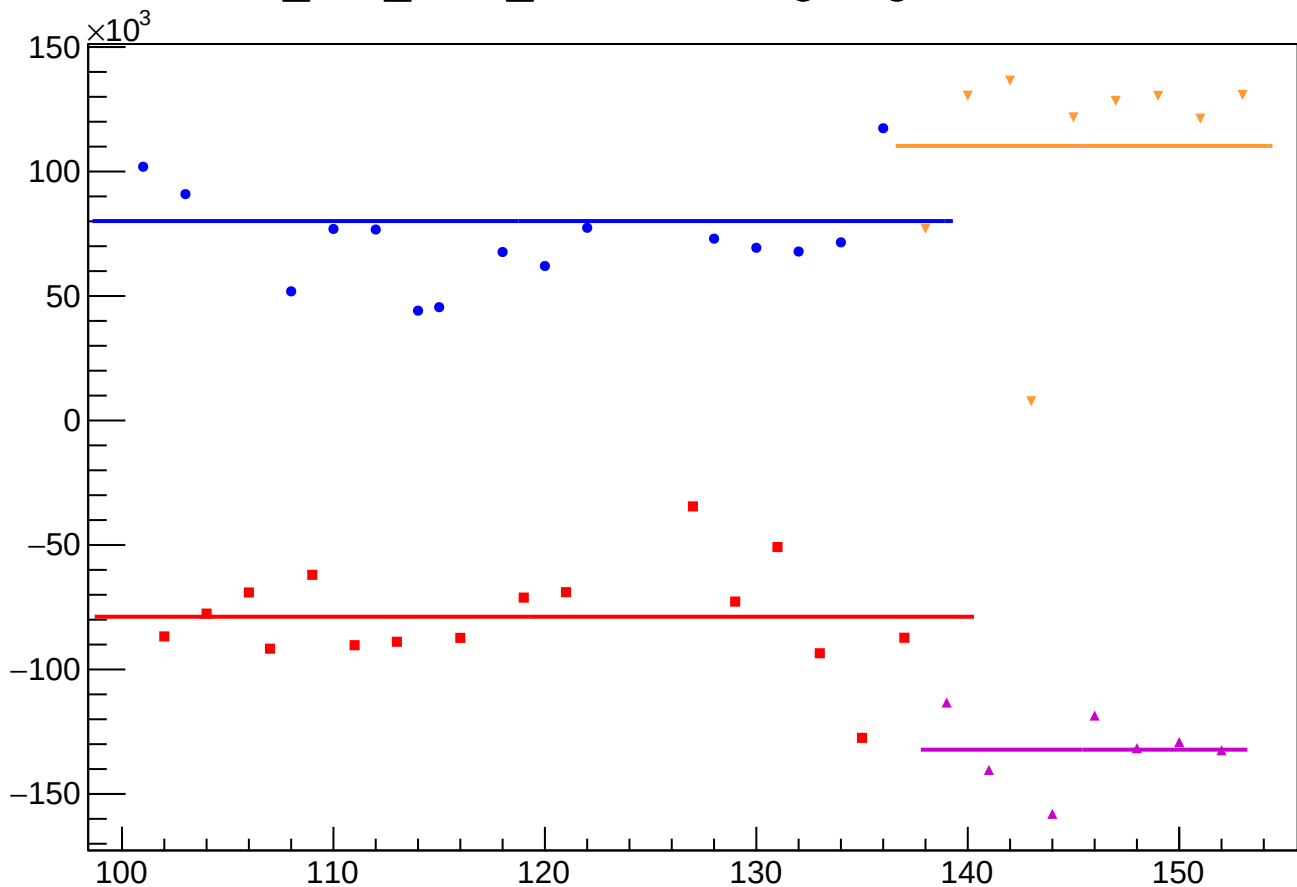
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

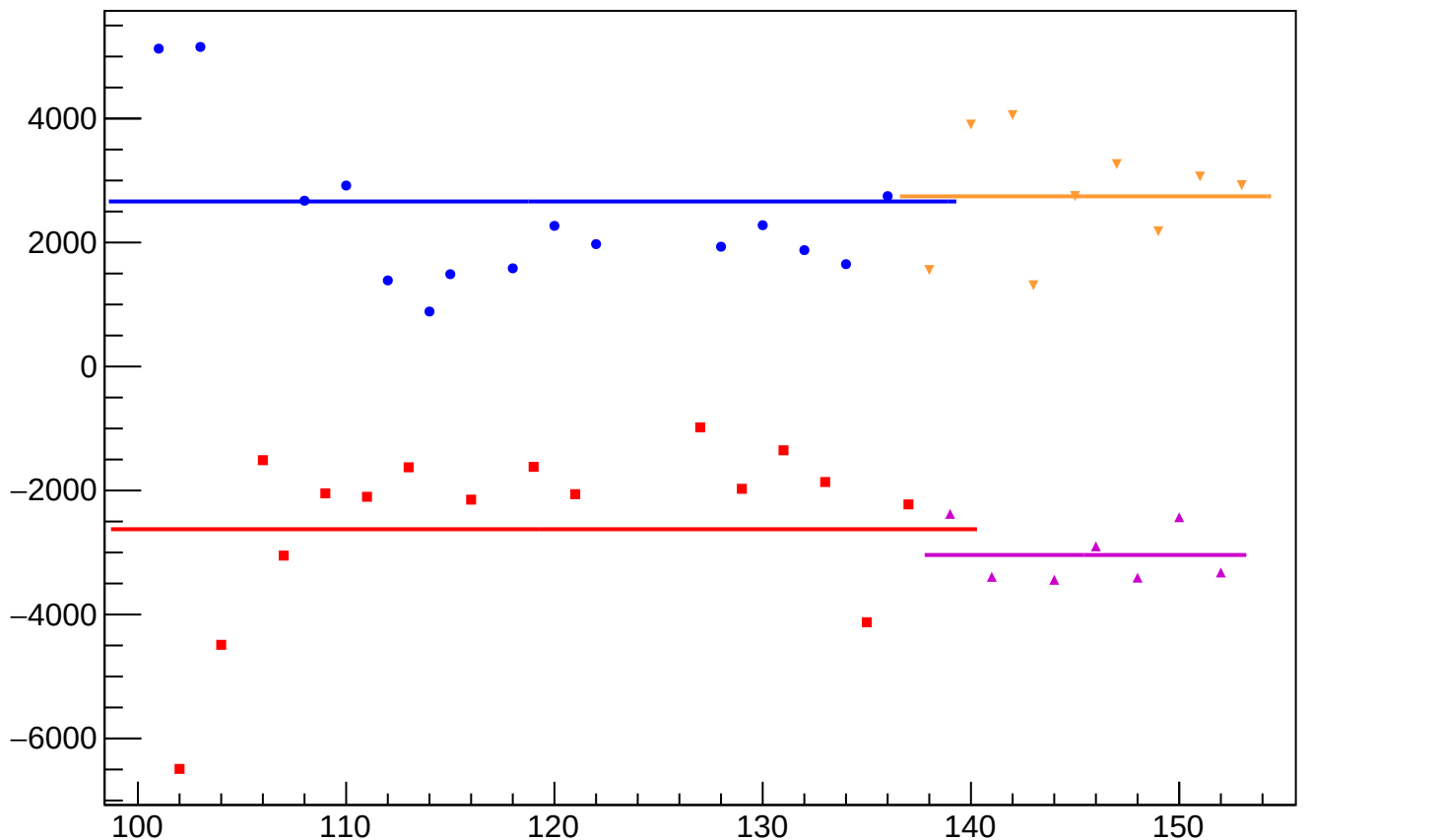
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_atl2_coil7_mean vs Slug, Sign Corrected



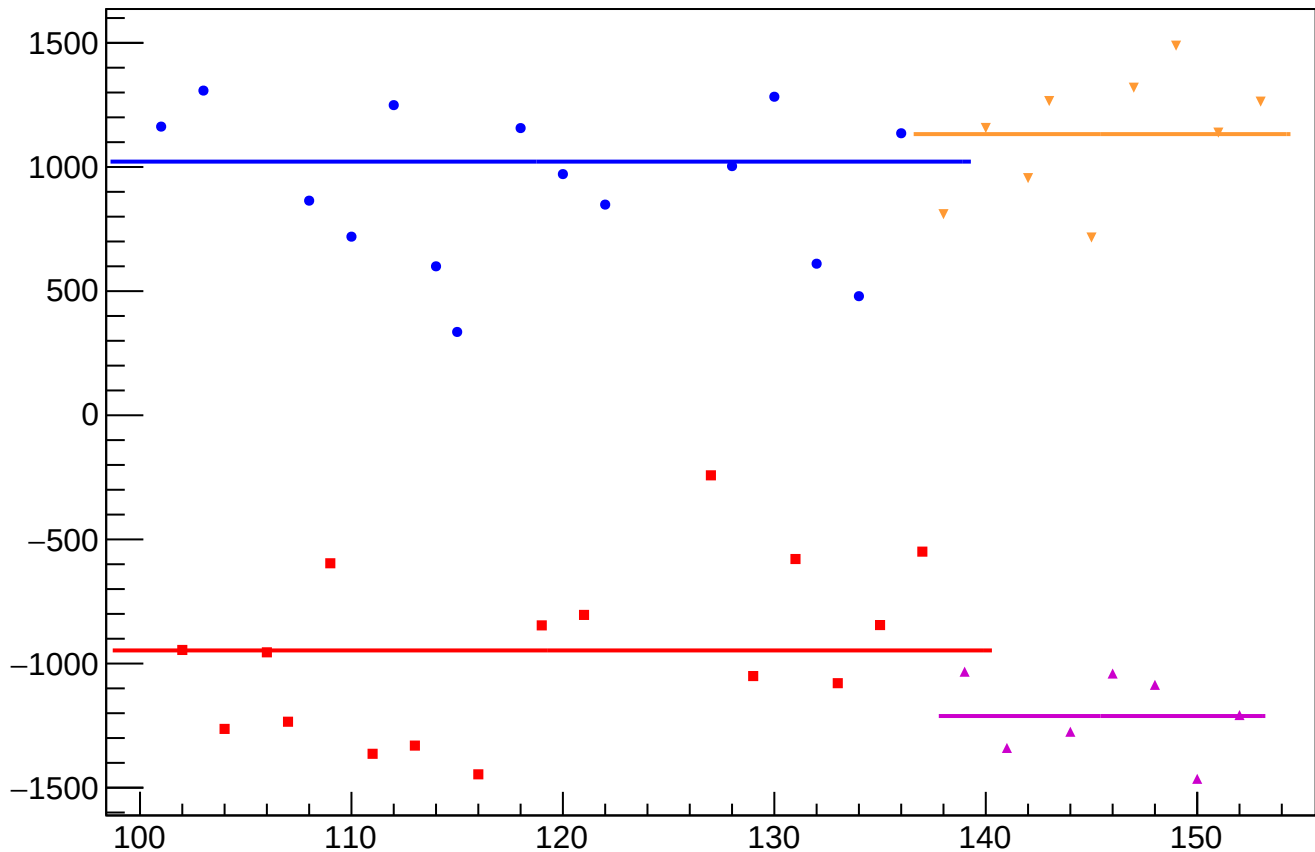
Right In: 80102.504+/-0.000 χ^2/NDF : 254521784097258654723607522631742465769472.0/14
 Left Out: 110285.946+/-0.000 χ^2/NDF : 970688684838907909025741450899365950390272.0/8
 Right Out: -78815.832+/-0.000 χ^2/NDF : 286076919217811099434470442231998185472000.0/15
 Left In: -132212.718+/-0.000 χ^2/NDF : 110243723509725696905296835644283703787520.0/6
 All: -1980.491+/-0.000 χ^2/NDF : 2865359725

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183 ± 0.000 $\chi^2/\text{NDF}: 1031389230165640157864439705583367487488.0/14$
 Left Out: 2744.731 ± 0.000 $\chi^2/\text{NDF}: 495492136986565333164813405380461723648.0/8$
 Right Out: -2624.696 ± 0.000 $\chi^2/\text{NDF}: 1566705216866534713590934835660406652928.0/15$
 Left In: -3040.252 ± 0.000 $\chi^2/\text{NDF}: 114012750172084712276400876683104616448.0/6$
 All: 5.344 ± 0.000 $\chi^2/\text{NDF}: 23055741208627$

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

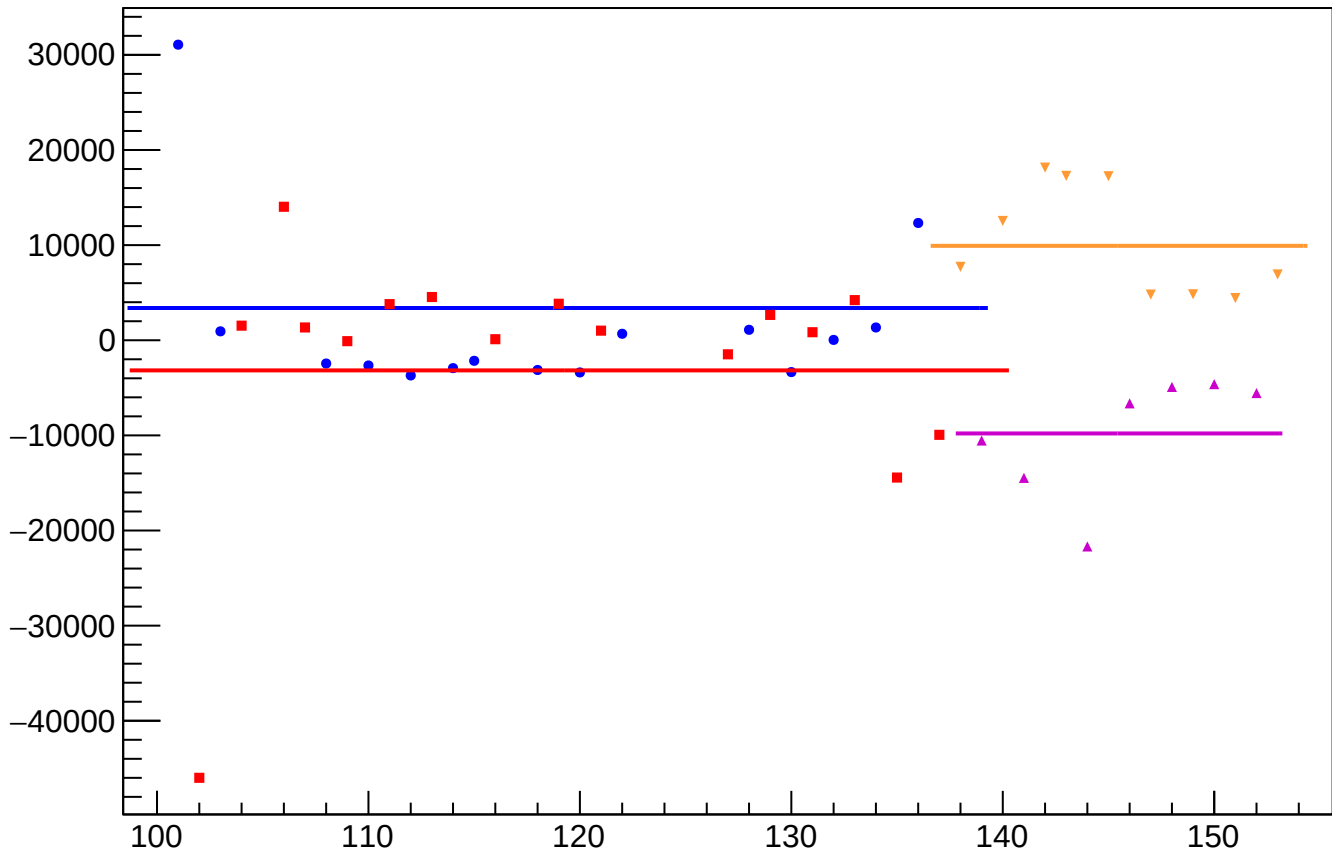
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000

χ^2/NDF : 65871927441553256724179194556280173756416.0/14

Left Out: 9926.183+/-0.000

χ^2/NDF : 19325281119906290448719911668570543620096.0/8

Right Out: -3167.396+/-0.000

χ^2/NDF : 137753886677241144460462531881687568089088.0/15

Left In: -9796.156+/-0.000

χ^2/NDF : 21312316704411881267396066266064034463744.0/6

Left: 666.869+/-0.000 χ^2/NDF : 1644508000452646

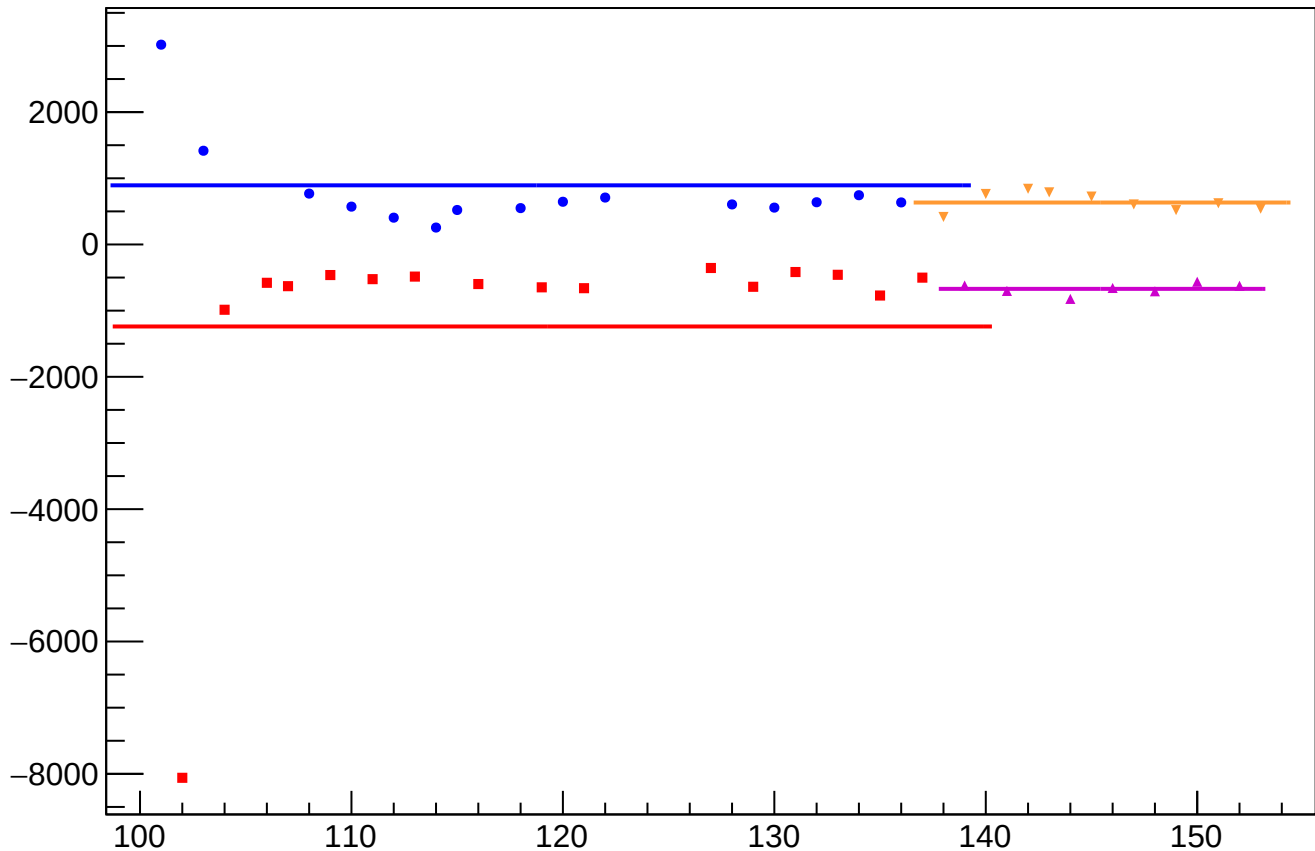
Right: 66.728+/-0.000 χ^2/NDF : 2177723560844725

In: -2944.137+/-0.000 χ^2/NDF : 141397586569774

Out: 3432.936+/-0.000 χ^2/NDF : 214722621104870

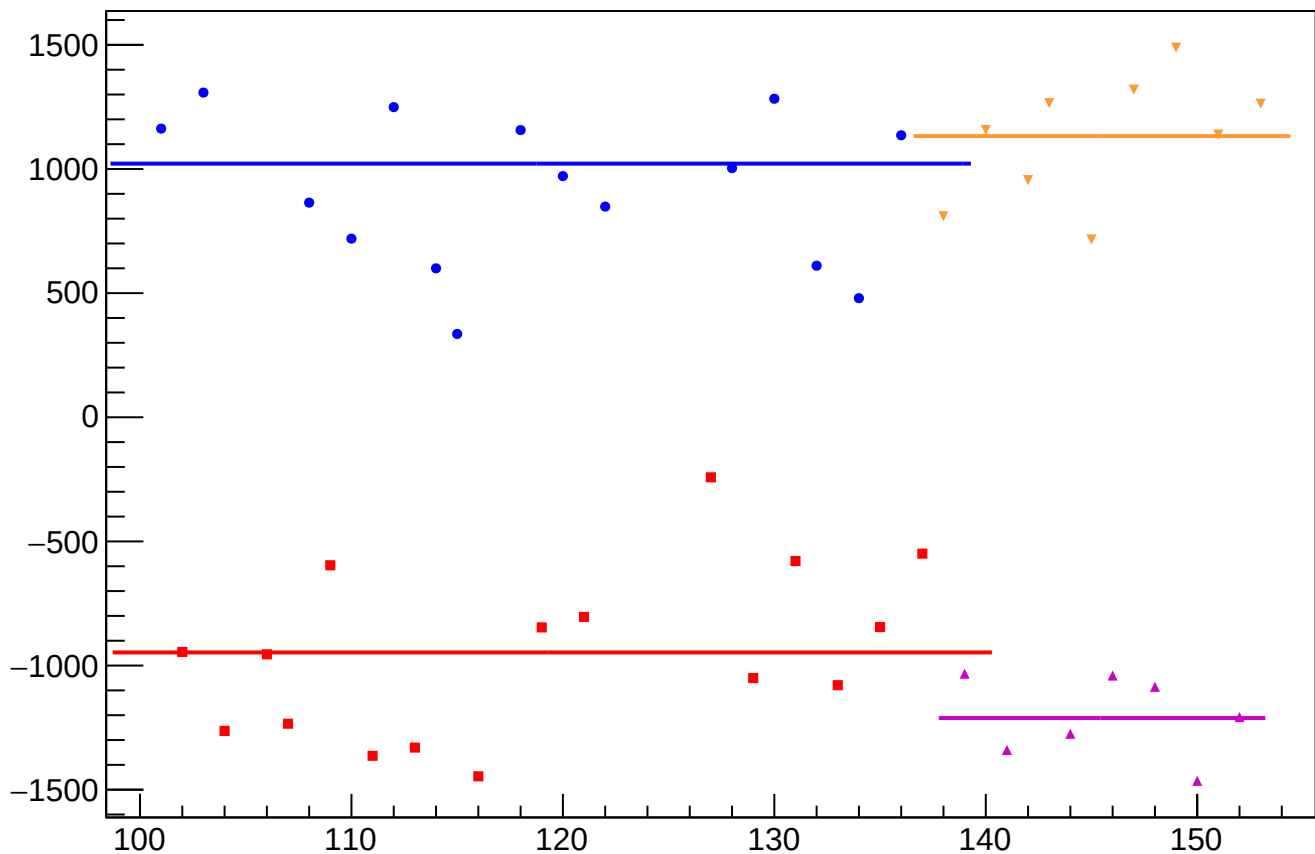
All: 362.403+/-0.000 χ^2/NDF : 382456675673

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: 21.306+/-0.000 χ^2/NDF : 55681016018640634
 Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14
 Left Out: 633.859+/-0.000 χ^2/NDF : 11221872146504084106379686526534549504.0/8
 Right Out: -1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15
 In: 142.092+/-0.000 χ^2/NDF : 11014657466202439
 Out: -295.060+/-0.000 χ^2/NDF : 416194055940814
 Left In: -670.879+/-0.000 χ^2/NDF : 3715901691079143394895618933975416832.0/6
 All: -84.573+/-0.000 χ^2/NDF : 538716588585

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 ± 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1132.494 ± 0.000

χ^2/NDF : 39686876192496915858085858394832371712.0/8

Right Out: -947.145 ± 0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

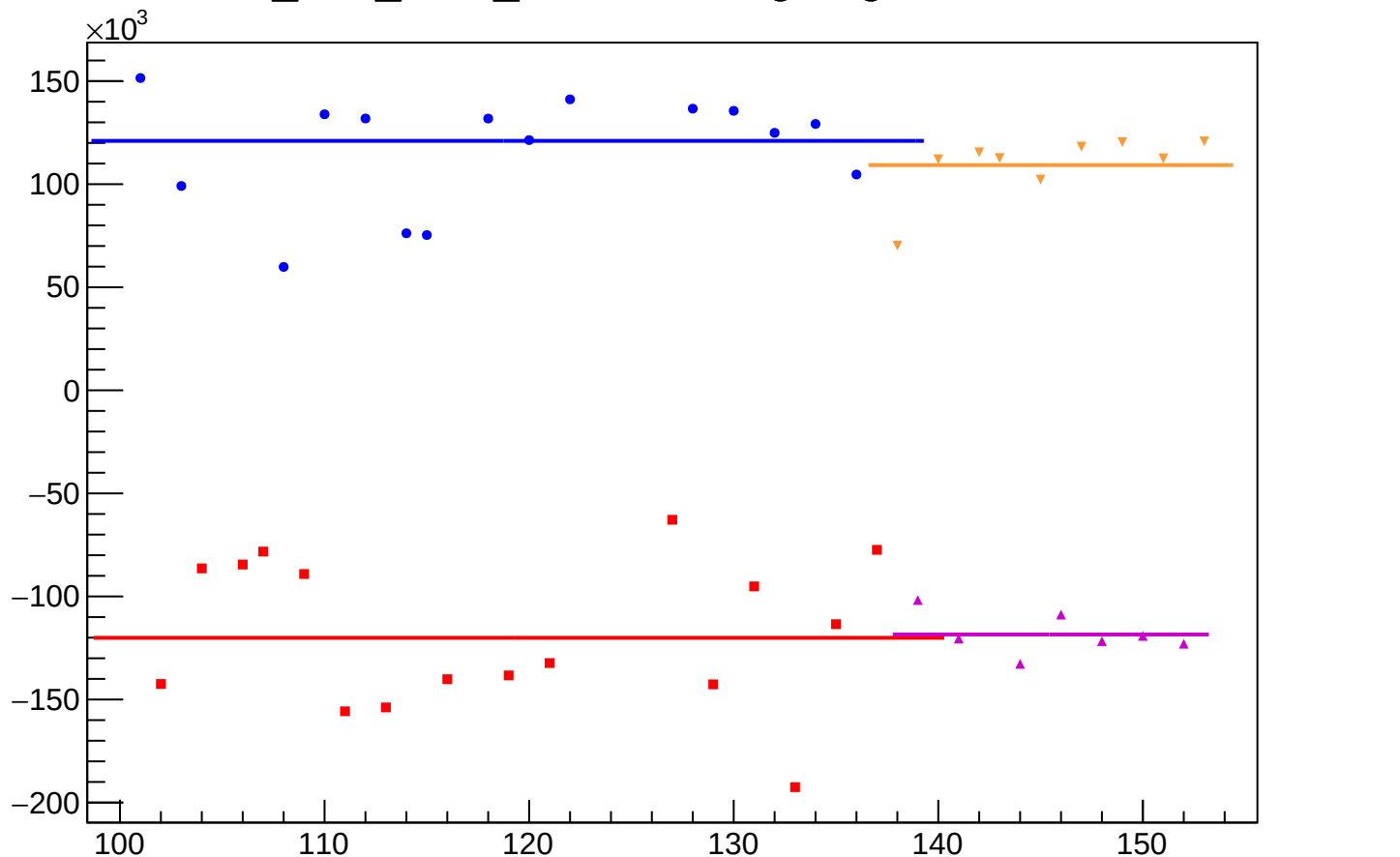
Left In: -1211.328 ± 0.000

χ^2/NDF : 13918001771304500898480106304308248576.0/6

All: 27.896 ± 0.000

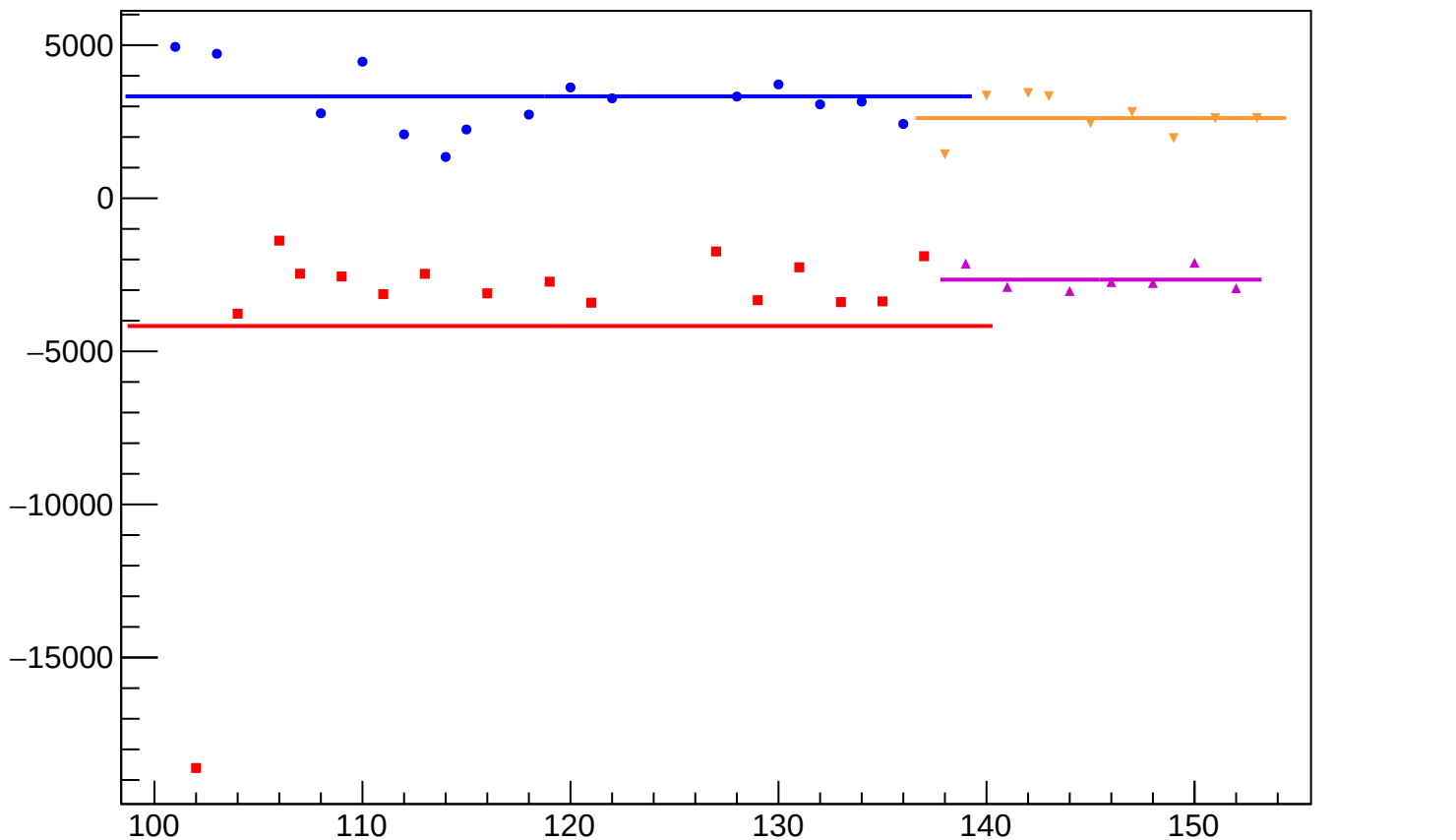
χ^2/NDF : 3185624459199

dit_atr2_coil7_mean vs Slug, Sign Corrected



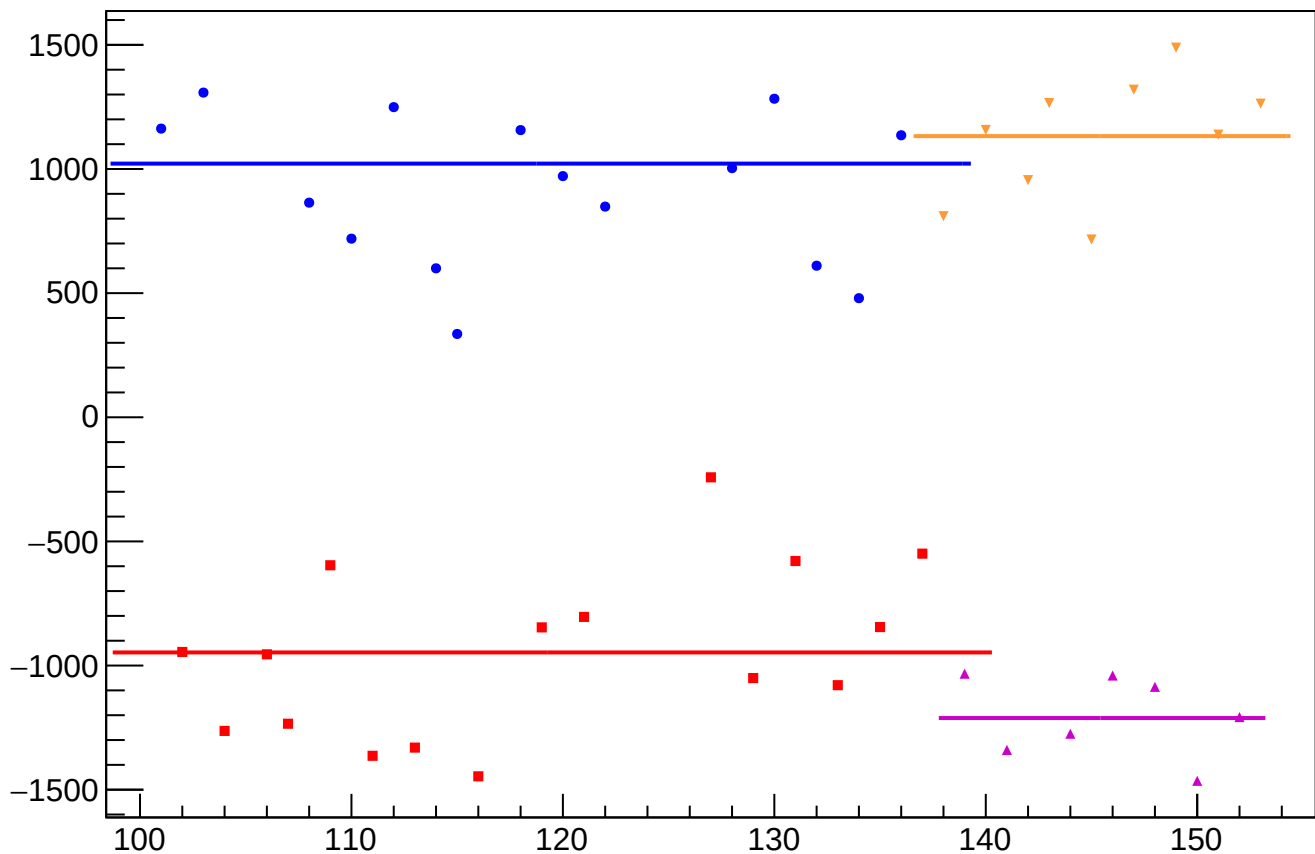
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 109246.949 $\pm$ 0.000 χ^2 /NDF: 155090402268060580992948862550668449153024.0/8
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -118463.564 $\pm$ 0.000 χ^2 /NDF: 51384014179284939663056989355106082226176.0/6
 All: 559.178 $\pm$ 0.000 χ^2 /NDF: 370239420262

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



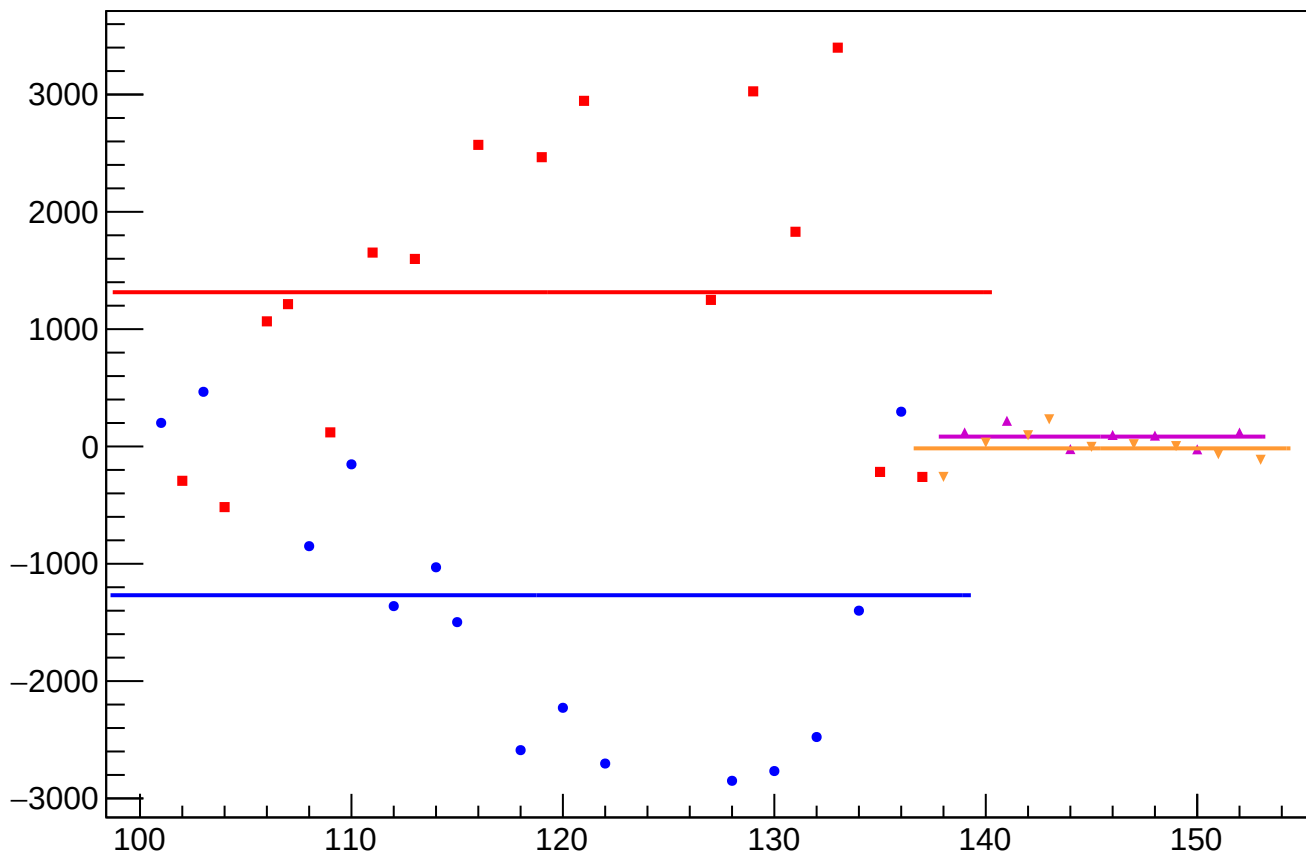
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2618.887 $\pm$ 0.000 χ^2 /NDF: 258955809626170918955237243632933142528.0/8
 Right Out: -4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: -2658.454 $\pm$ 0.000 χ^2 /NDF: 75245749375287830947164194080313835520.0/6
 All: -170.513 $\pm$ 0.000 χ^2 /NDF: 42026585472

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



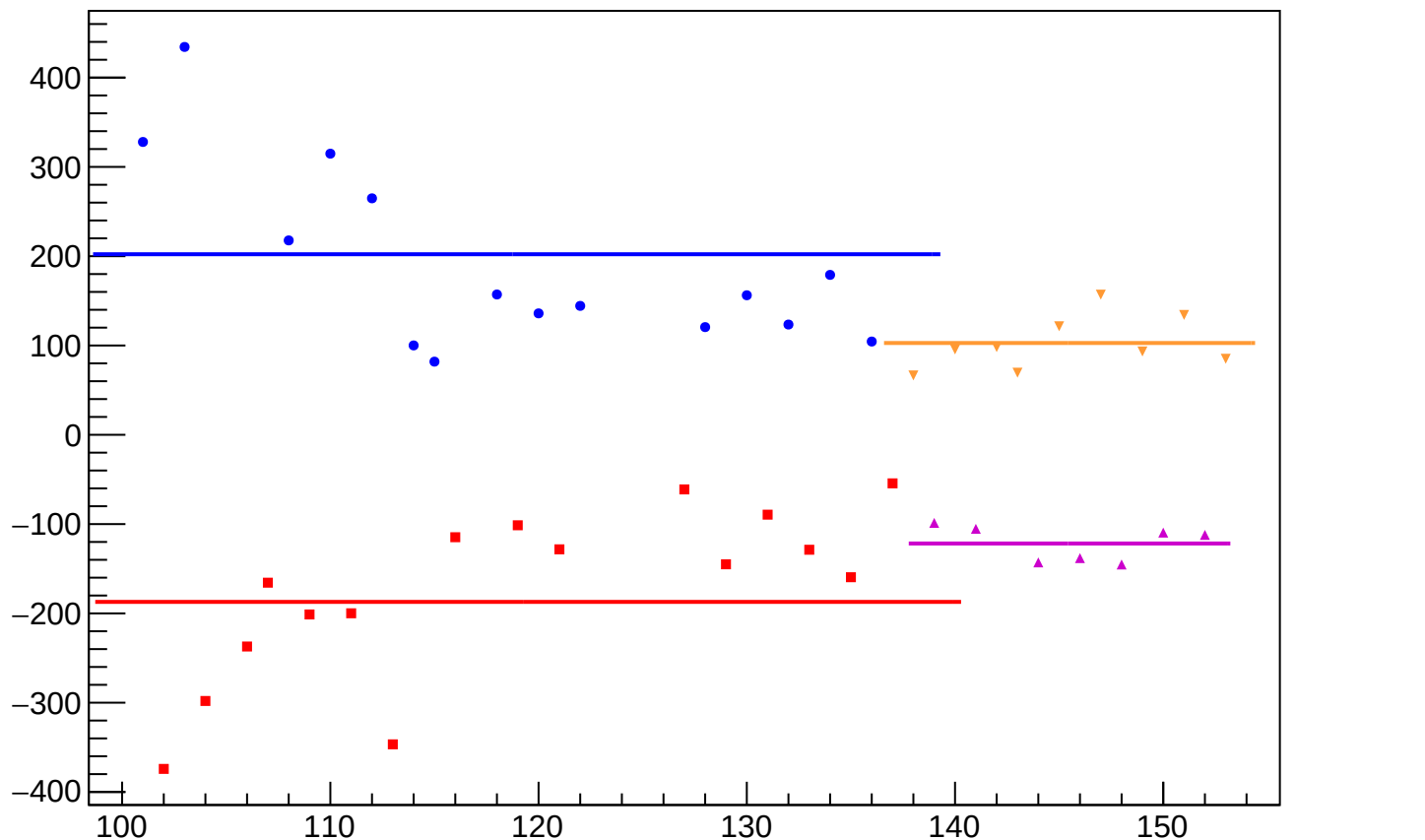
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494+/-0.000 χ^2/NDF : 39686876192496915858085858394832371712.0/8
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_sam1_coil7_mean vs Slug, Sign Corrected



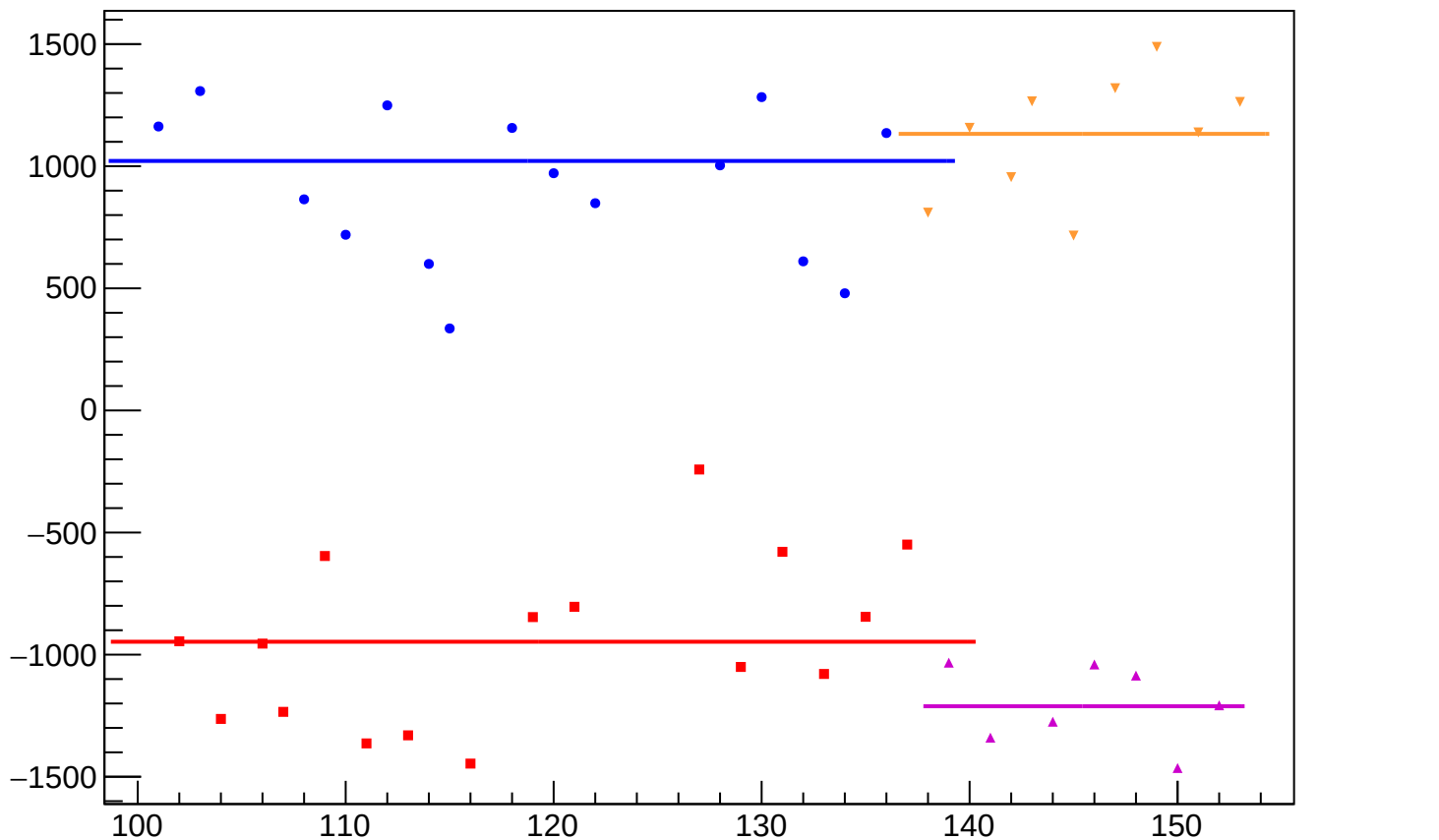
Left: 30.848+/-0.000 χ^2/NDF : 17684450181812950
 Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Right: 41.017+/-0.000 χ^2/NDF : 4385100658196815
 Left Out: -16.195+/-0.000 χ^2/NDF : 10637150927669533629572872289396981760.0/8
 In: -618.549+/-0.000 χ^2/NDF : 1666072452699915
 Right Out: 1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Out: 643.844+/-0.000 χ^2/NDF : 1704722308656498
 Left In: 84.006+/-0.000 χ^2/NDF : 385142980247462628550251680044888832.0/6
 All: 36.007+/-0.000 χ^2/NDF : 4402852162550

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



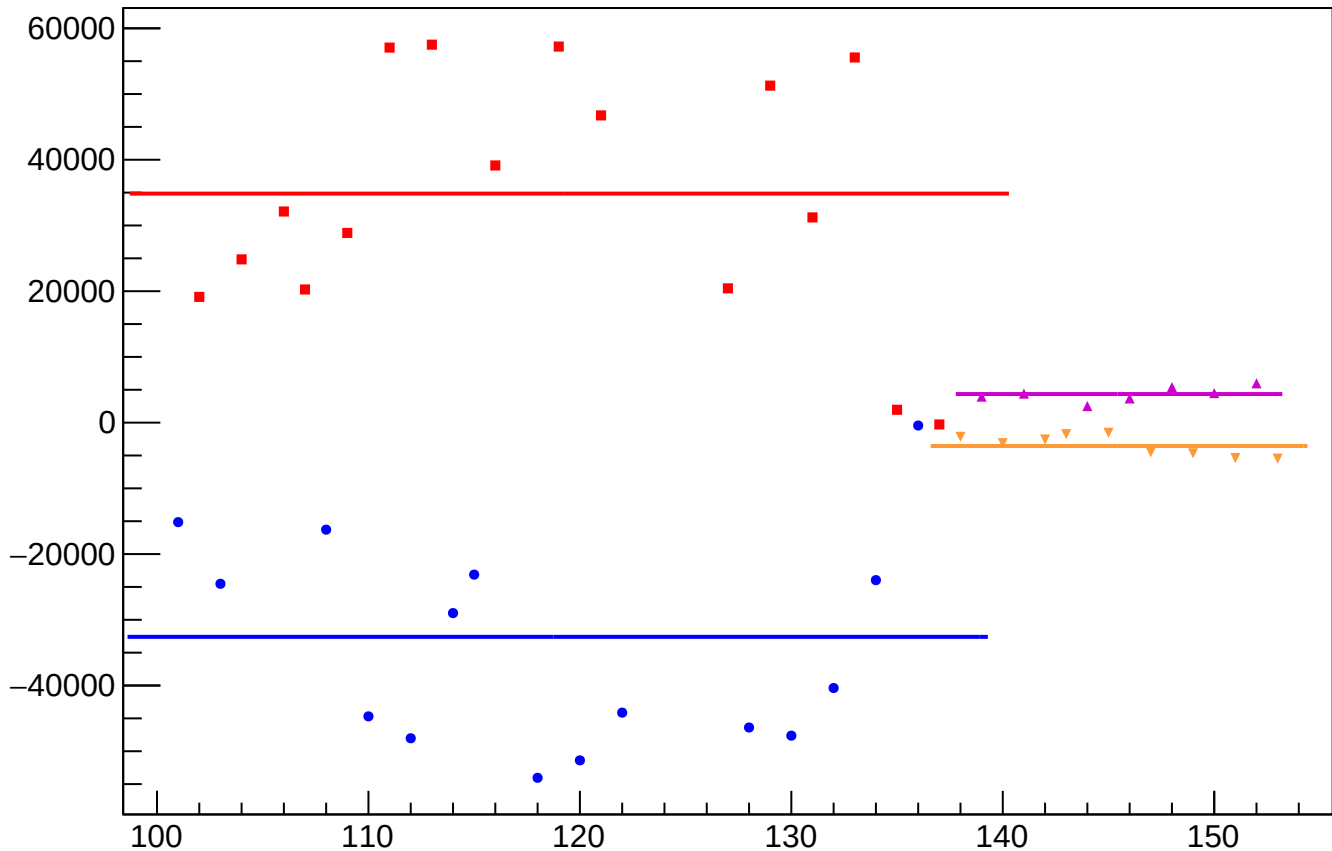
Right In: 202.191 +/- 0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14
 Left Out: 102.800 +/- 0.000 χ^2/NDF : 549432881513606320127951824828235776.0/8
 Right Out: -187.126 +/- 0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15
 Left In: -121.723 +/- 0.000 χ^2/NDF : 196062125805292012070054860112789504.0/6
 All: 1.185 +/- 0.000 χ^2/NDF : 79942279802353

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



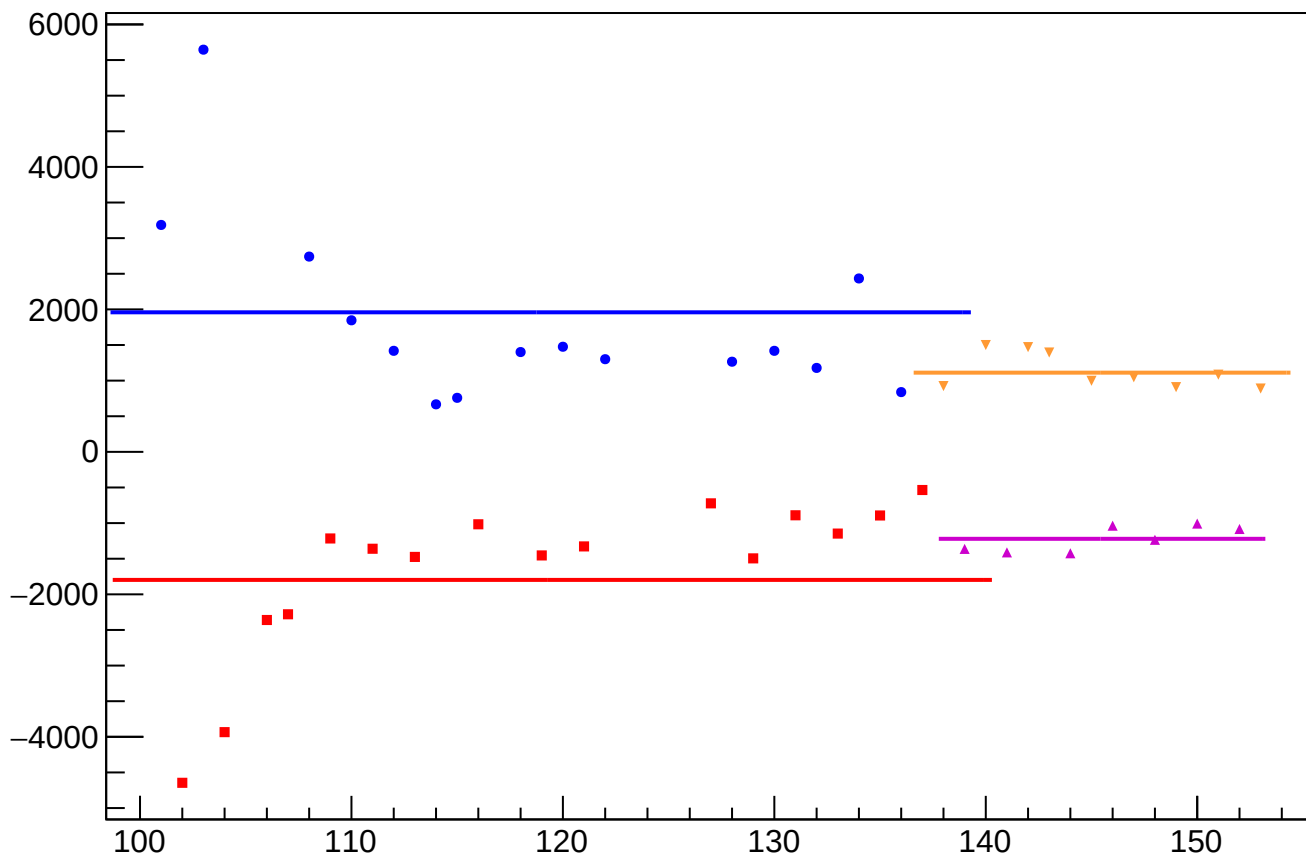
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6
 All: 27.896 $\pm$ 0.000 χ^2 /NDF: 3185624459199

dit_sam2_coil7_mean vs Slug, Sign Corrected



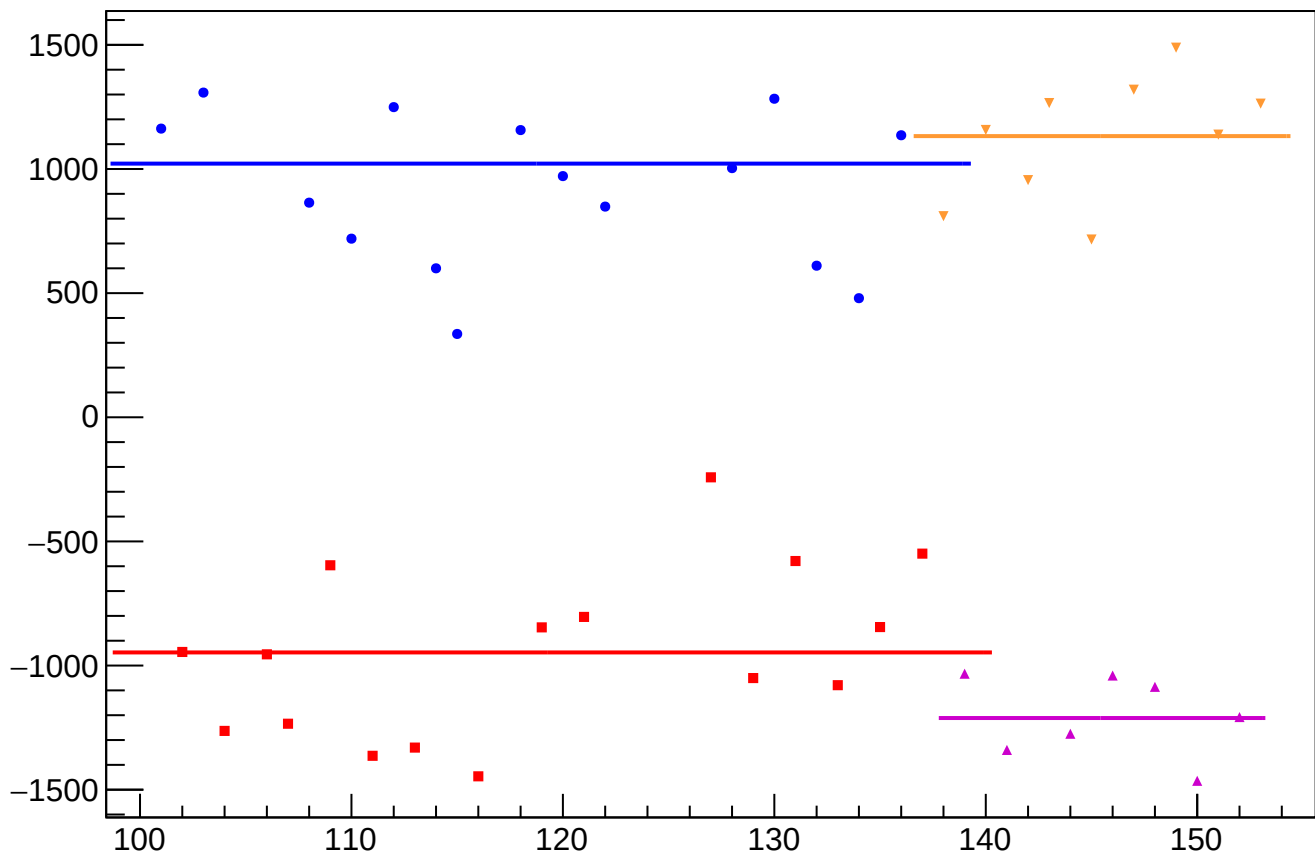
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3555.295+/-0.000 χ^2/NDF : 1505237586009712903764234279882042900480.0/8
 Right Out: 34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: 4348.968+/-0.000 χ^2/NDF : 673679471316979572012709267428505288704.0/6
 All: 882.192+/-0.000 χ^2/NDF : 194987002386

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1111.911+/-0.000 χ^2/NDF : 35490346253267927385759407776571850752.0/8
 Right Out: -1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: -1220.653+/-0.000 χ^2/NDF : 17019967496860270884618381836731547648.0/6
 All: 36.202+/-0.000 χ^2/NDF : 8570826850826

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

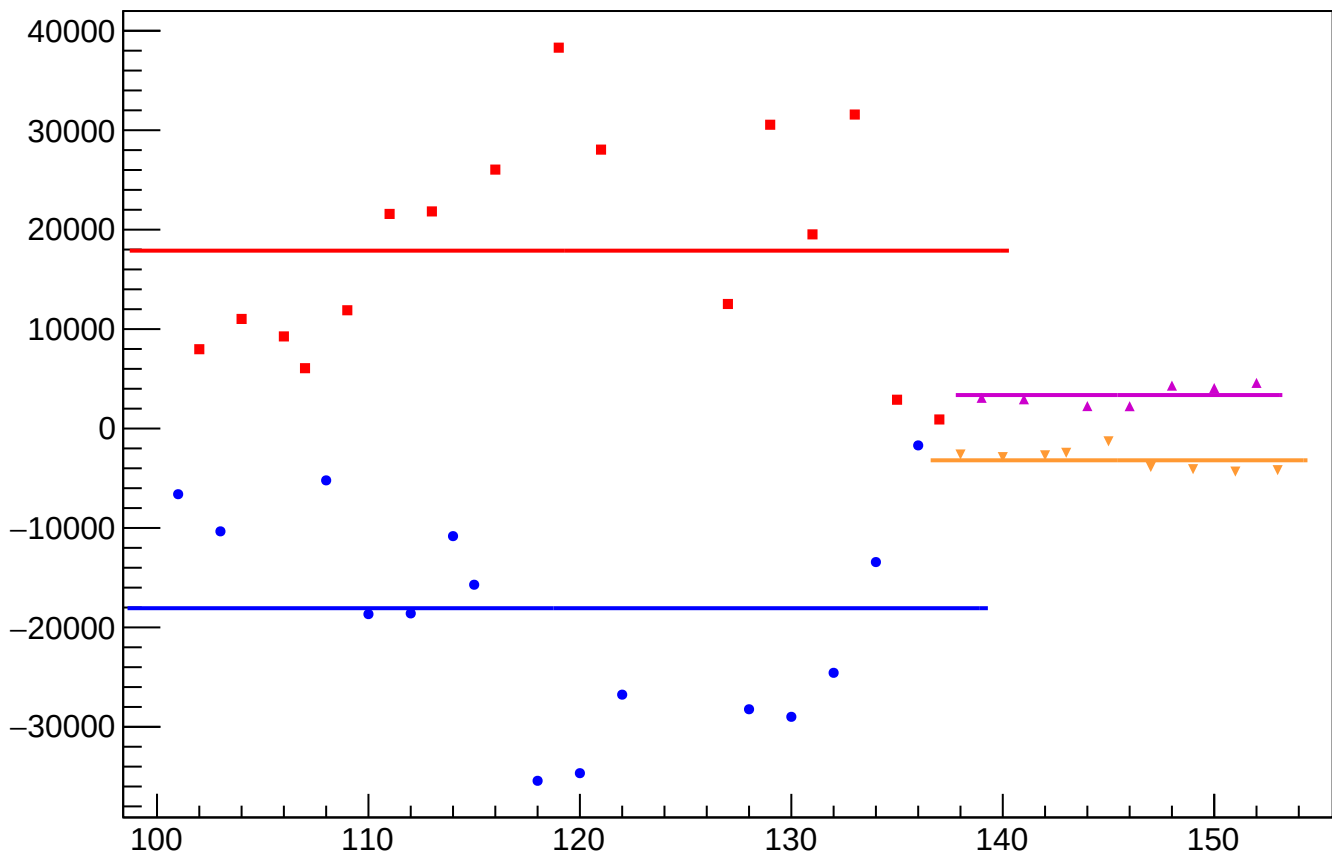
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

All: 27.896+/-0.000 χ^2/NDF : 3185624459199

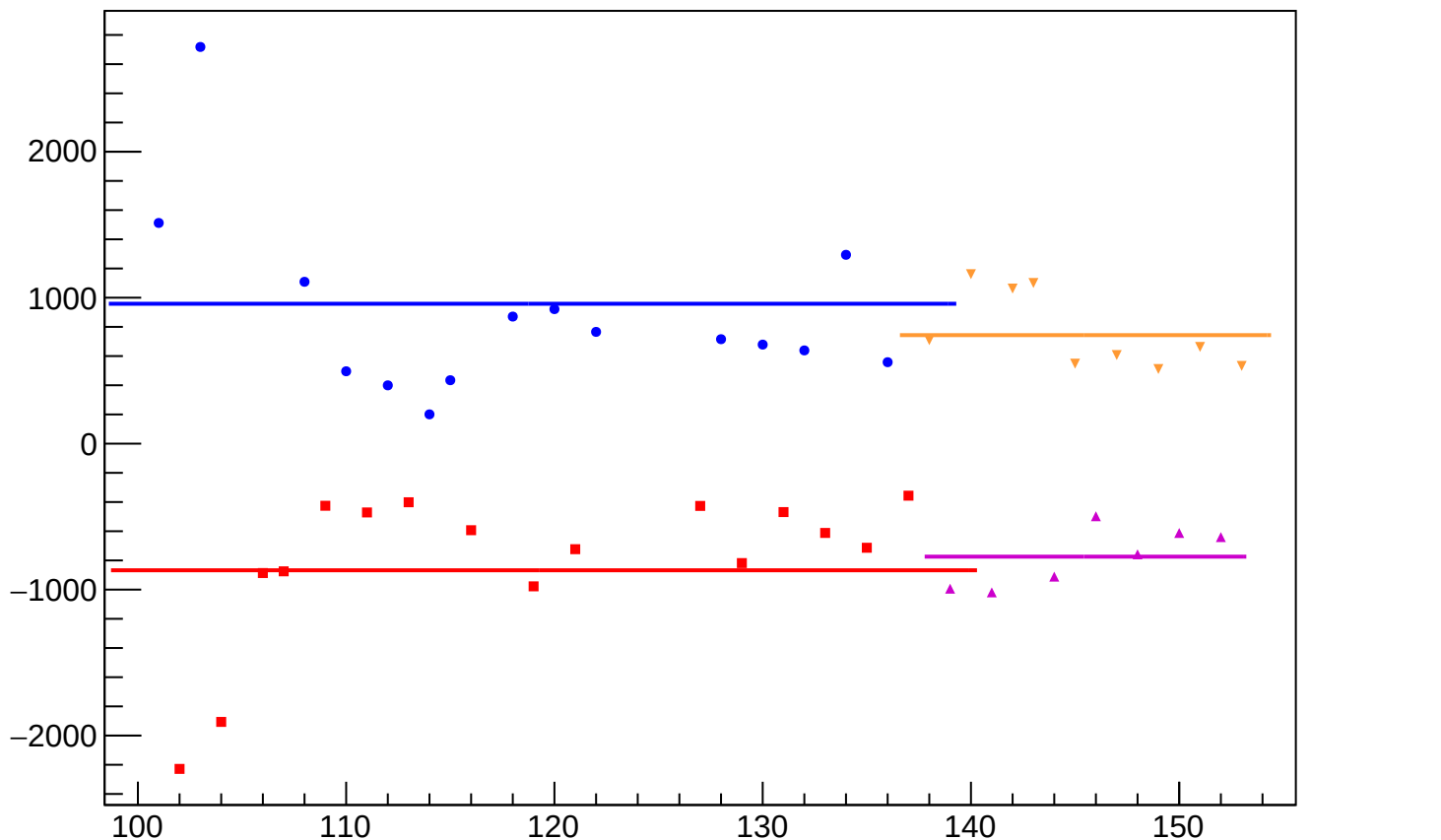
dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: -114.090+/-0.000 χ^2/NDF : 148593972739053
 Right: 155.704+/-0.000 χ^2/NDF : 587997392225656
 In: -7771.071+/-0.000 χ^2/NDF : 228055865220549
 Out: 7260.347+/-0.000 χ^2/NDF : 228524432041635
 All: 22.783+/-0.000 χ^2/NDF : 6029039829432

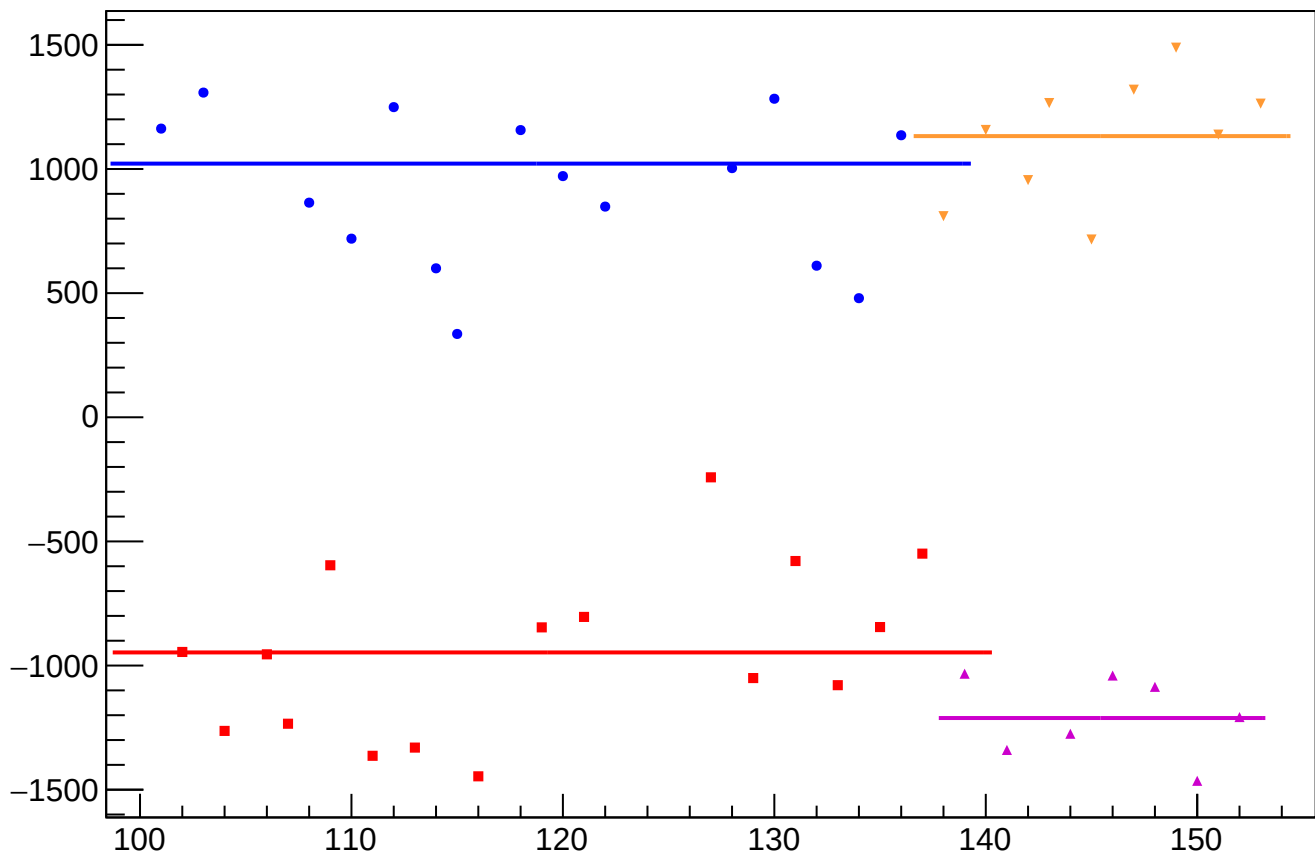
Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3195.028+/-0.000 χ^2/NDF : 665276771172396820021902511160917229568.0/8
 Right Out: 17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: 3367.369+/-0.000 χ^2/NDF : 486089498393126693501660303761770283008.0/6

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411 +/- 0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Left Out: 743.472 +/- 0.000 χ^2/NDF : 40980164583293072602750729338719567872.0/8
 Right Out: -867.538 +/- 0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: -774.131 +/- 0.000 χ^2/NDF : 20991377900375714054040408250879311872.0/6
 All: 31.980 +/- 0.000 χ^2/NDF : 2372651400445

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

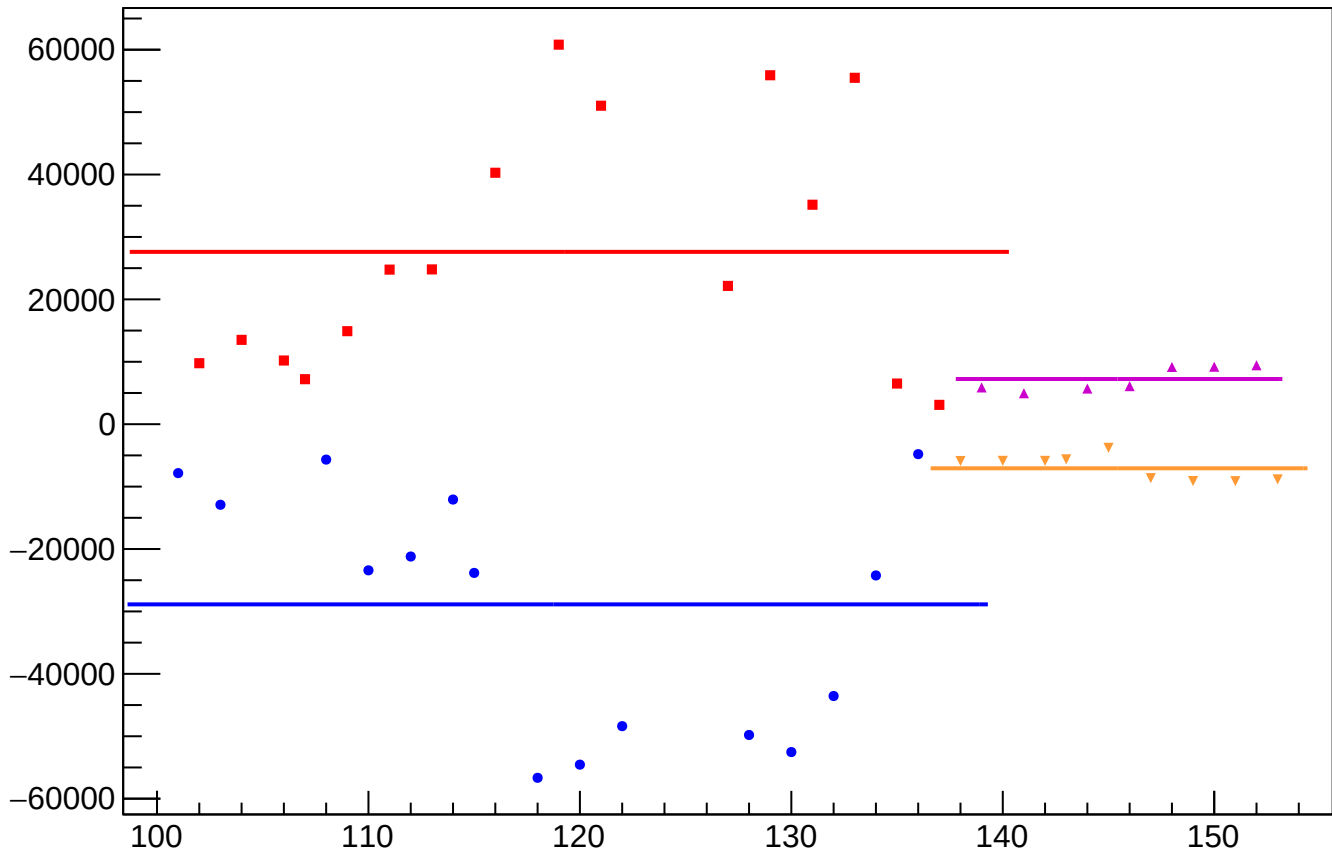
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

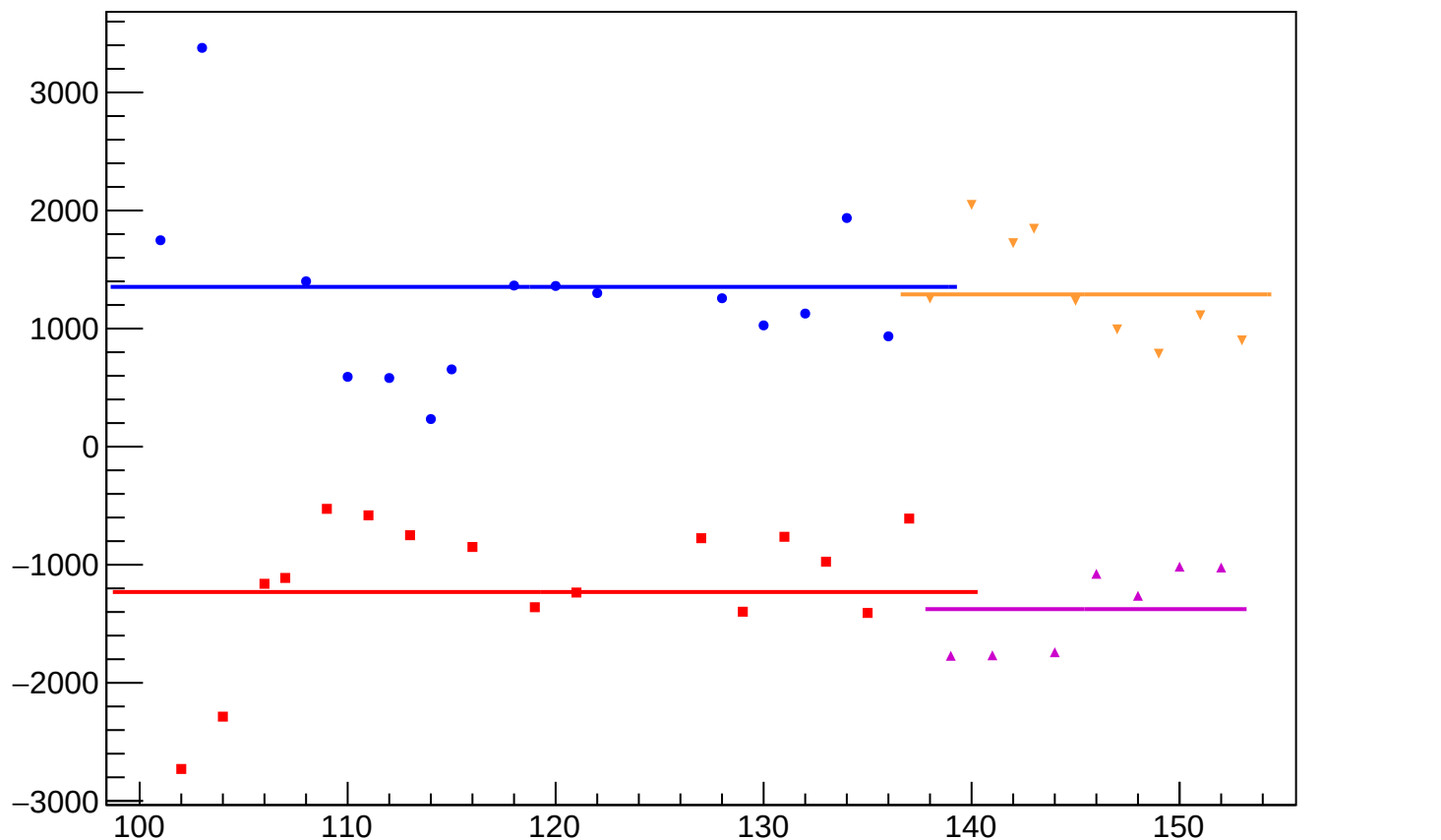
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_sam4_coil7_mean vs Slug, Sign Corrected



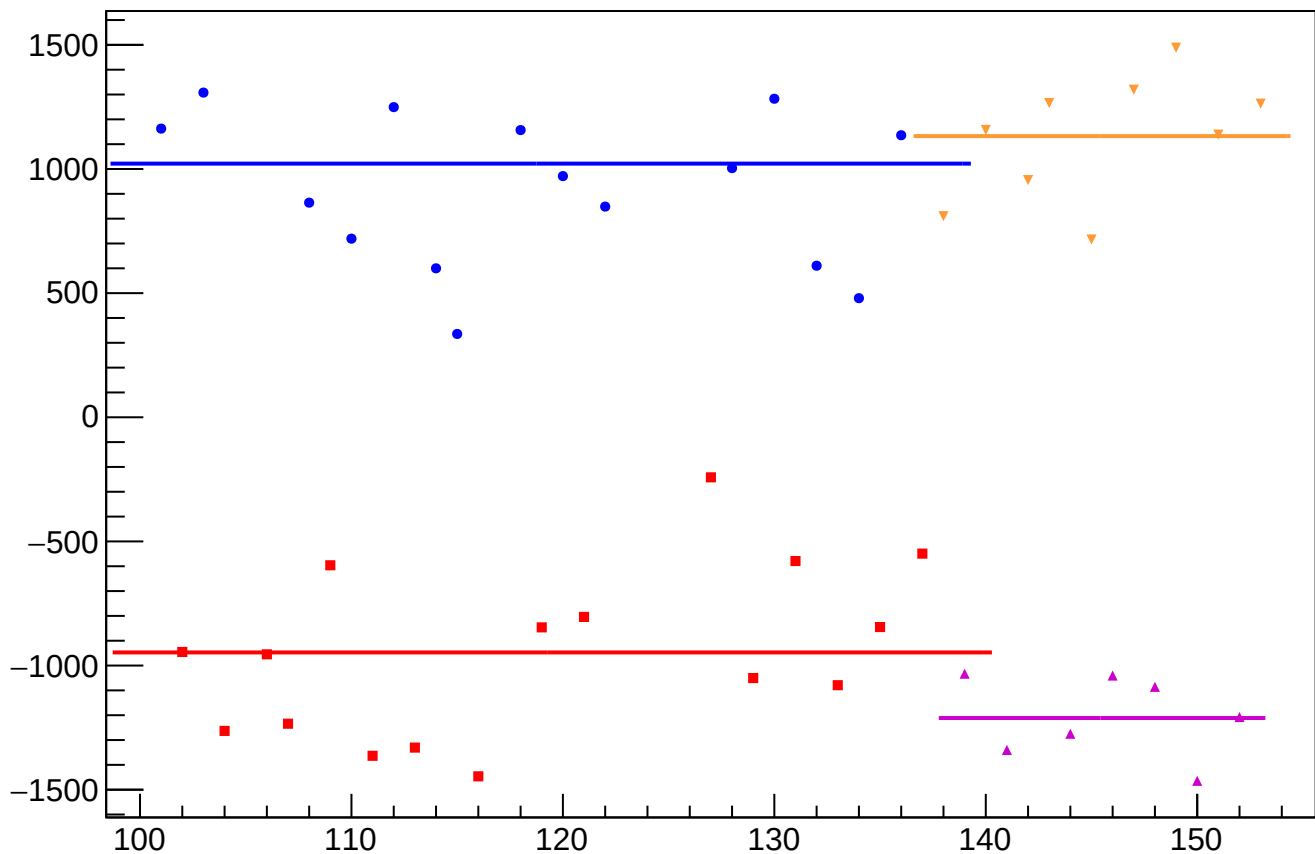
Left: -350.700+/-0.000 χ^2/NDF : 695768923682093
 Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Right: -242.630+/-0.000 χ^2/NDF : 15588395560755
 Left Out: -7067.043+/-0.000 χ^2/NDF : 2438510594209298157407894665859931570176.0/8
 In: -11523.199+/-0.000 χ^2/NDF : 66991241788973
 Right Out: 27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Out: 10130.097+/-0.000 χ^2/NDF : 65486894448903
 Left In: 7238.768+/-0.000 χ^2/NDF : 1994282935884038944244891615233694498816.0/6
 All: -295.873+/-0.000 χ^2/NDF : 16284240206

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Left Out: 1289.851+/-0.000 χ^2/NDF : 120136225993135302440079787751815249920.0/8
 Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15
 Left In: -1375.679+/-0.000 χ^2/NDF : 68567797645593743131643952291387539456.0/6
 All: 41.112+/-0.000 χ^2/NDF : 5276624047986

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

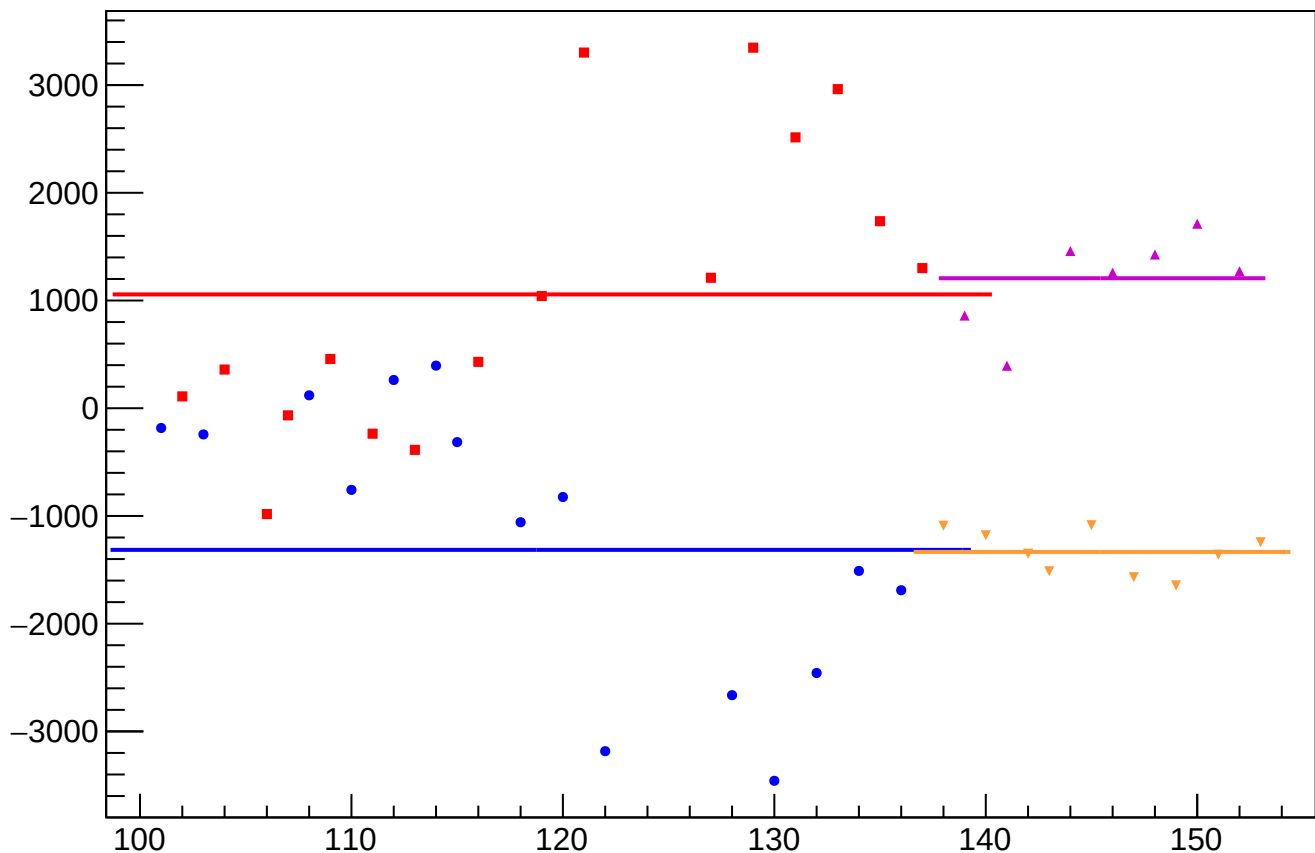
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782+/-0.000

Left Out: -1333.791+/-0.000

Right Out: 1056.765+/-0.000

Left In: 1206.817+/-0.000

χ^2/NDF : 966082368518203481544021644405645508608.0/14

χ^2/NDF : 26845986426692496235413278006404186112.0/8

χ^2/NDF : 1127141594187417021949832477353286041600.0/15

χ^2/NDF : 99448357828471133702467333130104602624.0/6

Left: -141.017+/-0.000 χ^2/NDF : 218088456986076

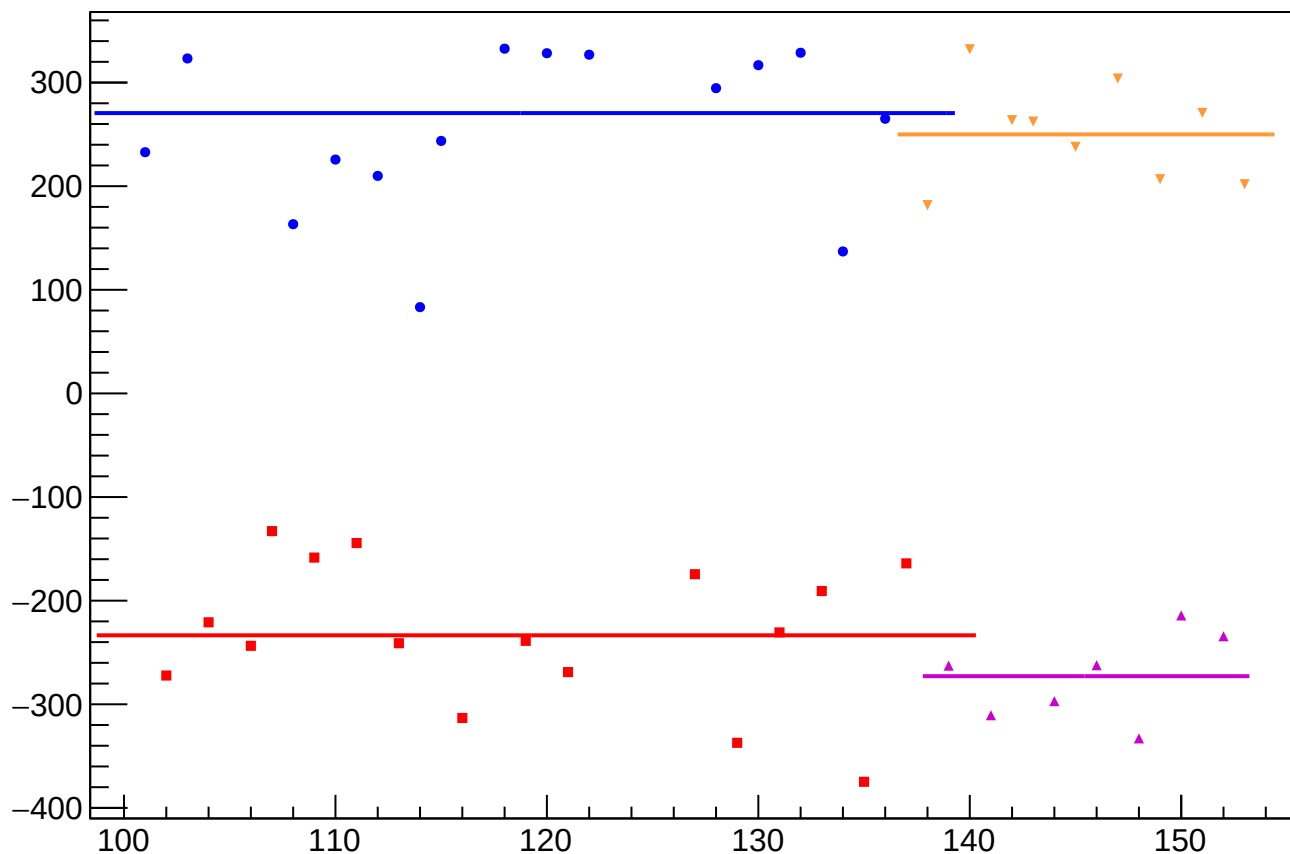
Right: -112.789+/-0.000 χ^2/NDF : 39432514405702

In: -103.445+/-0.000 χ^2/NDF : 3047904178962699

Out: -148.288+/-0.000 χ^2/NDF : 307544618069414

All: -126.697+/-0.000 χ^2/NDF : 61246526228

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14

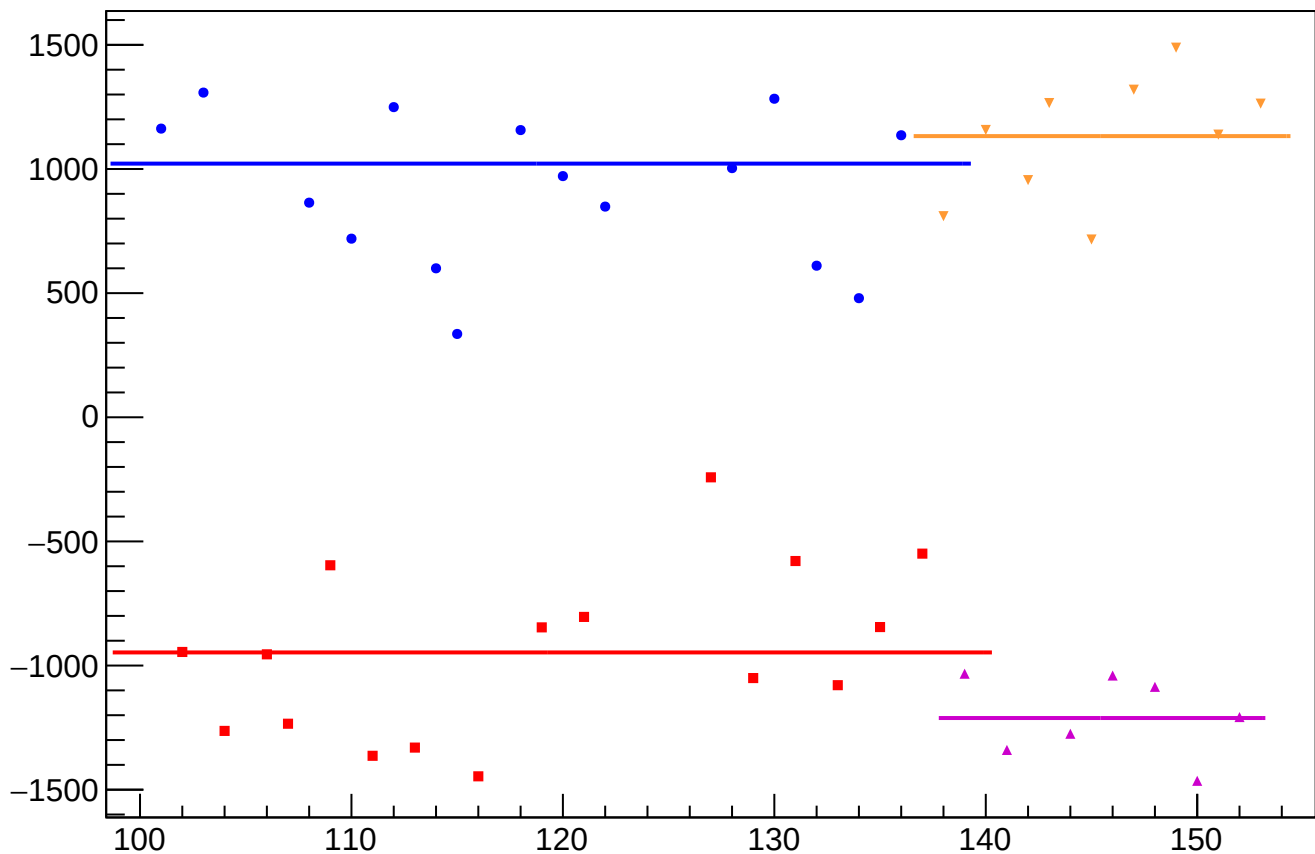
Left Out: 249.959 $\pm$ 0.000 χ^2 /NDF: 1560651354445278539321244262386892800.0/8

Right Out: -233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15

Left In: -272.879 $\pm$ 0.000 χ^2 /NDF: 934789588706863418660274260498448384.0/6

All: 9.881 $\pm$ 0.000 χ^2 /NDF: 17864598640928

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

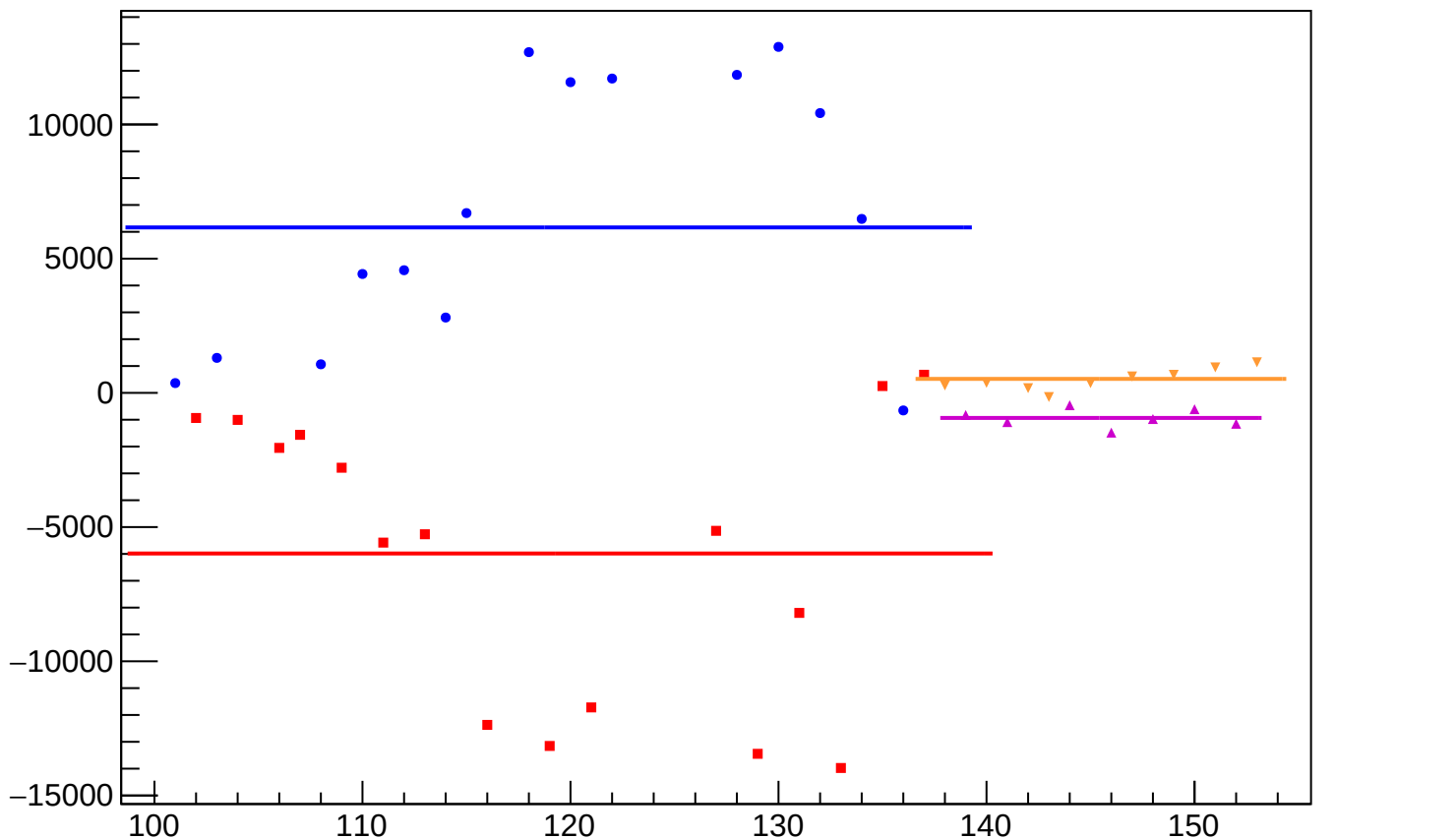
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

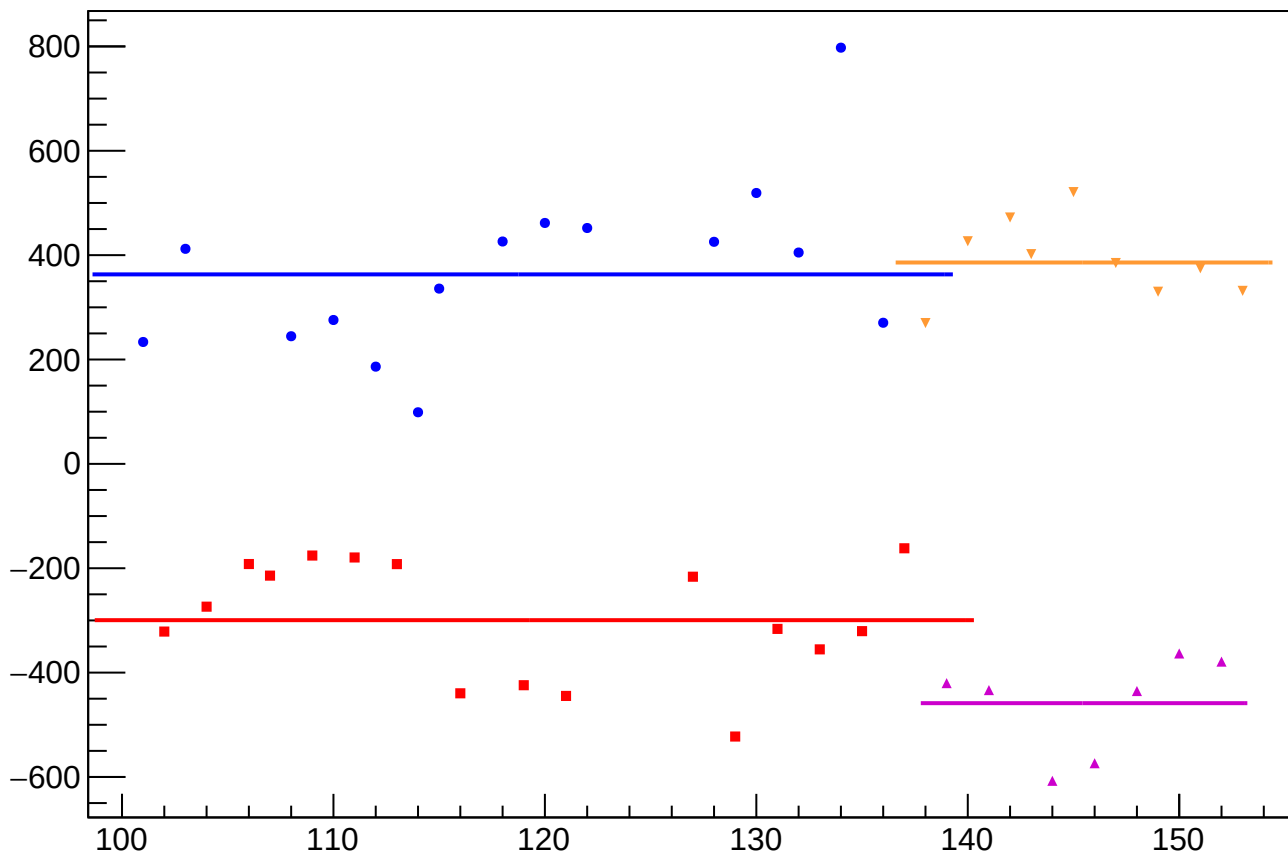
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_sam6_coil7_mean vs Slug, Sign Corrected



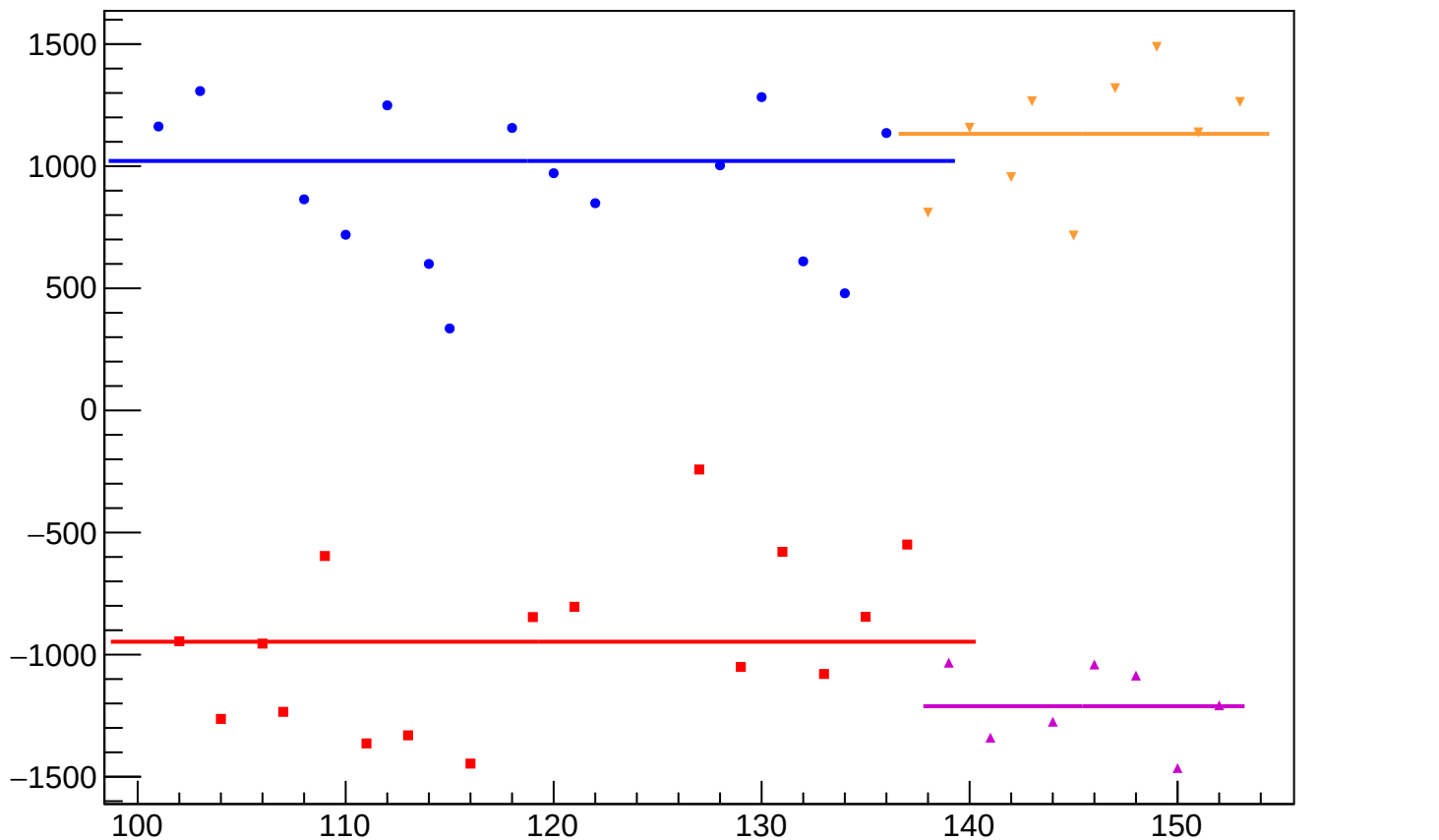
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 520.783+/-0.000 χ^2/NDF : 93869843477744658467599338791061422080.0/8
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: -933.775+/-0.000 χ^2/NDF : 61676866963818463862456044605623238656.0/6
 All: -76.463+/-0.000 χ^2/NDF : 850906155739

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



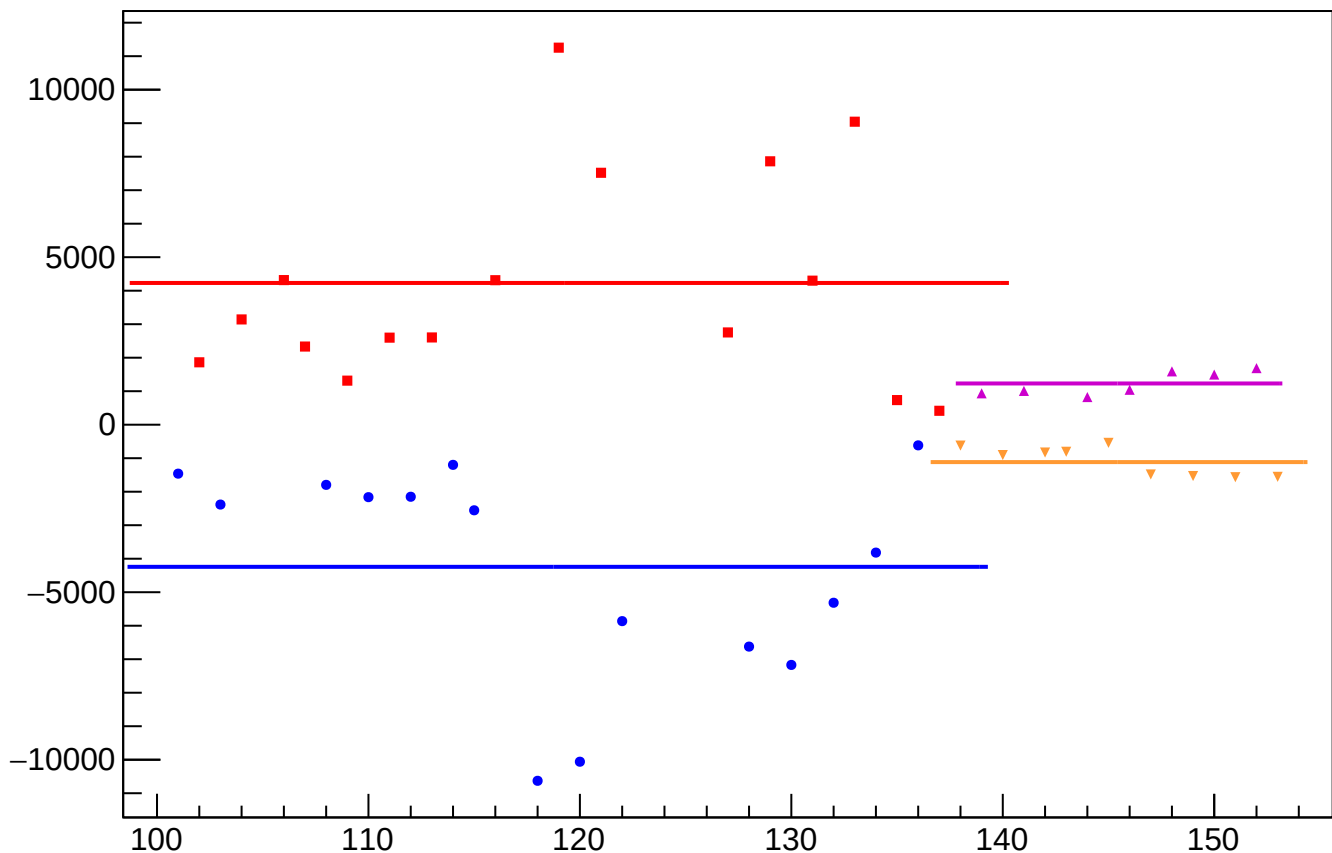
Left: -10.558 ± 0.000 $\chi^2/\text{NDF}: 2352095213539124$
 Right In: 363.133 ± 0.000 $\chi^2/\text{NDF}: 11502791697076456426435998277995331584.0/14$
 Left Out: 385.911 ± 0.000 $\chi^2/\text{NDF}: 3543873304666220754466359021125238784.0/8$
 Right Out: -299.514 ± 0.000 $\chi^2/\text{NDF}: 7685497318744225218354652828984672256.0/15$
 Left In: -458.568 ± 0.000 $\chi^2/\text{NDF}: 4664767449615388521466724838186942464.0/6$
 All: 8.637 ± 0.000 $\chi^2/\text{NDF}: 39976349694457$

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6
 All: 27.896 $\pm$ 0.000 χ^2 /NDF: 3185624459199

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174+/-0.000

Left Out: -1115.827+/-0.000

Right Out: 4230.978+/-0.000

Left In: 1230.848+/-0.000

χ^2/NDF : 6783472272174151371145601081742110752768.0/14

χ^2/NDF : 116664248313551583840236217813553905664.0/8

χ^2/NDF : 6682409528103016752204343573740930465792.0/15

χ^2/NDF : 64432609374136269092612252236037226496.0/6

Left: -14.101+/-0.000 χ^2/NDF : 1933992429655779

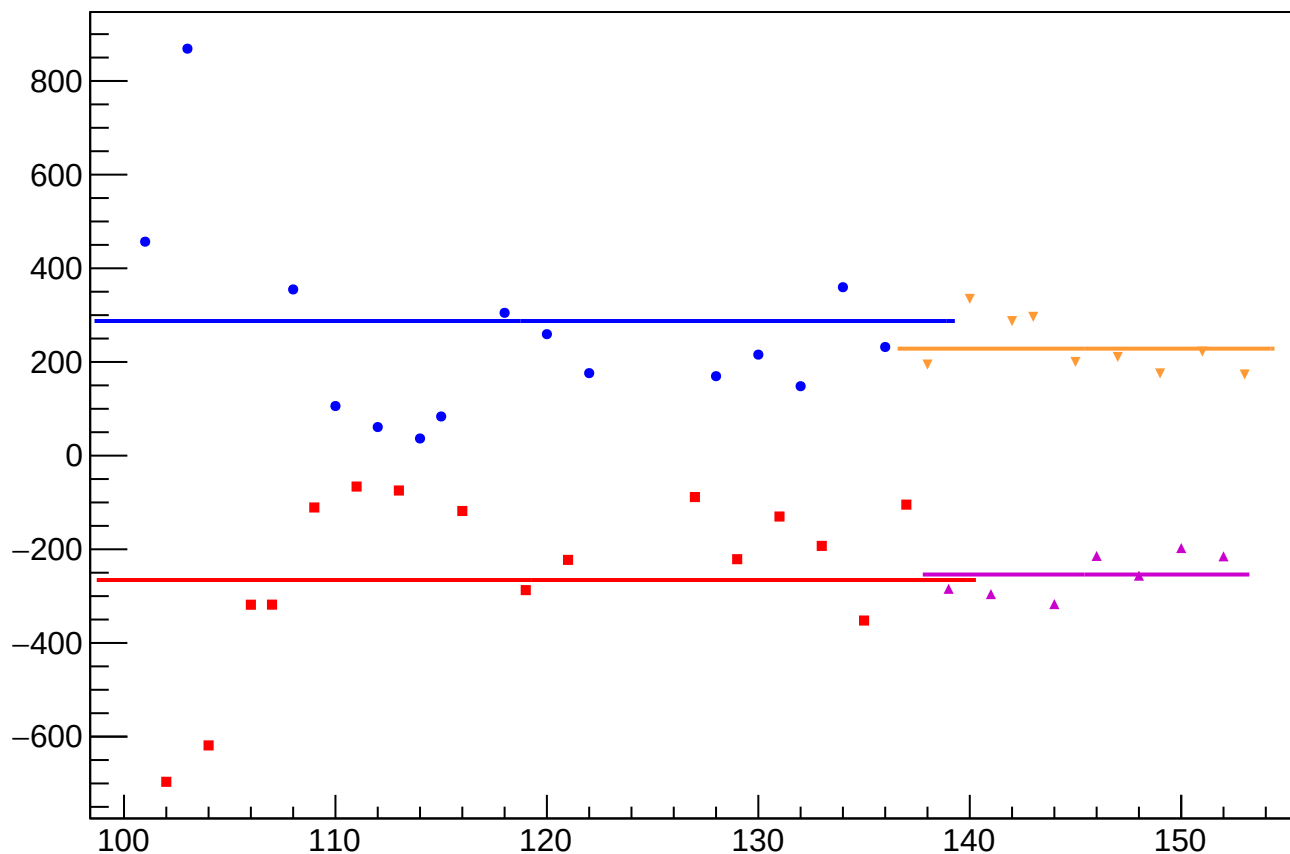
Right: 52.349+/-0.000 χ^2/NDF : 3708179263230228

In: -1613.020+/-0.000 χ^2/NDF : 161866395775881

Out: 1535.711+/-0.000 χ^2/NDF : 164112542955440

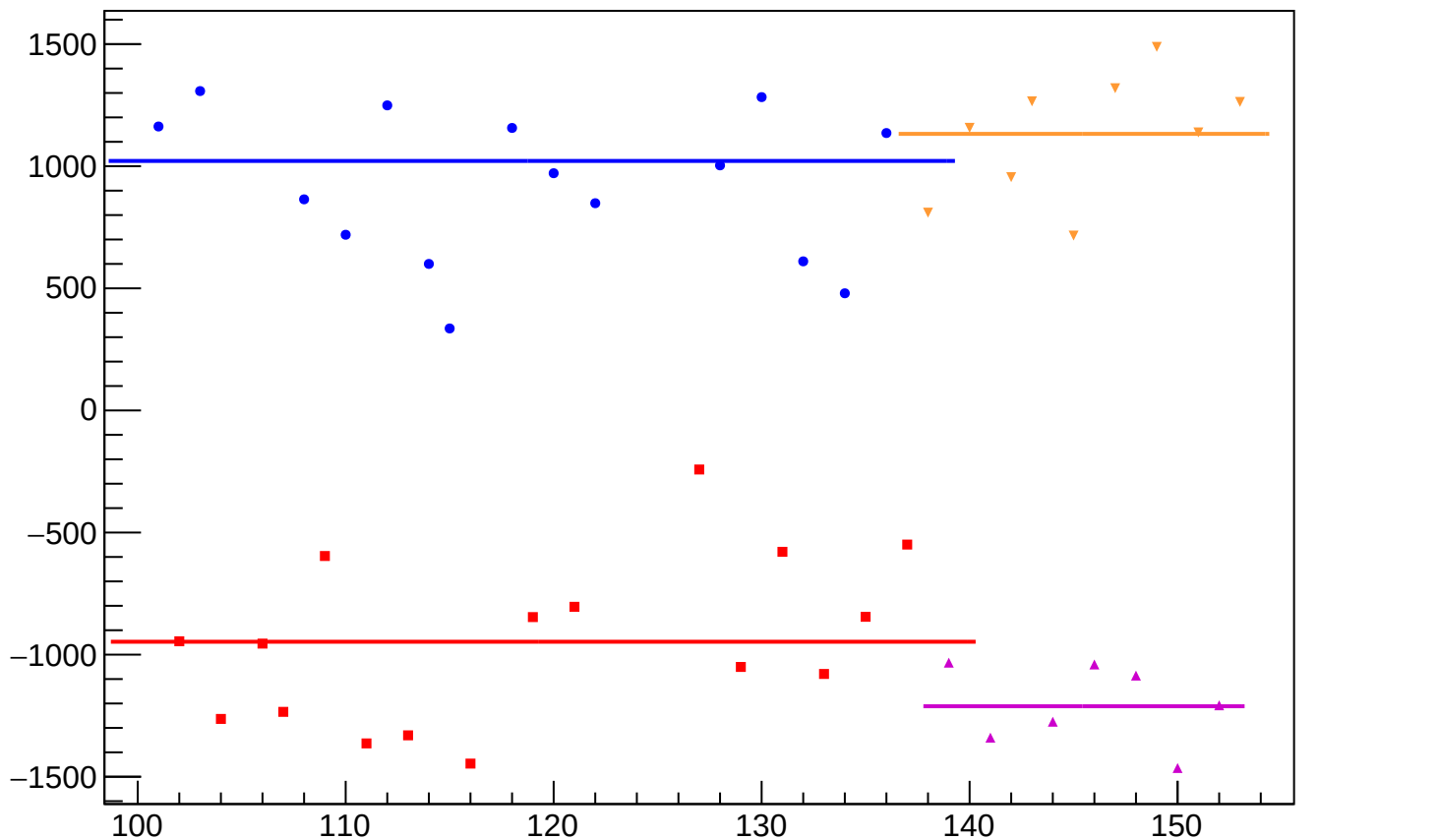
All: 19.611+/-0.000 χ^2/NDF : 3901864798731

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 228.444+/-0.000 χ^2/NDF : 2070303267029273747034304991251660800.0/8
 Right Out: -265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: -253.876+/-0.000 χ^2/NDF : 1131903051683608737080671468141936640.0/6
 All: 4.614+/-0.000 χ^2/NDF : 23324025084764

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1132.494+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 39686876192496915858085858394832371712.0/8

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: 32.108+/-0.000 χ^2/NDF : 18022412352676560

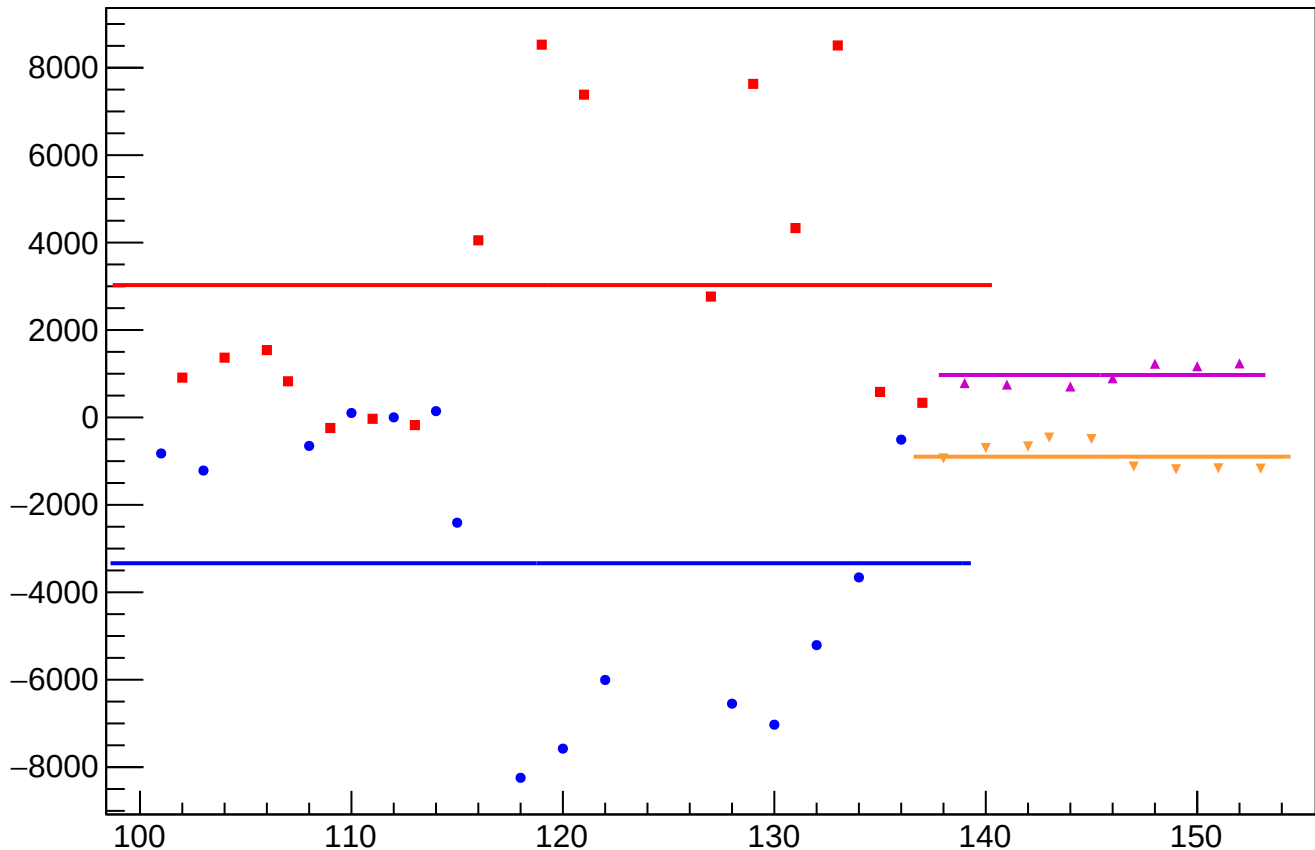
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 101.178+/-0.000 χ^2/NDF : 1561622077009199

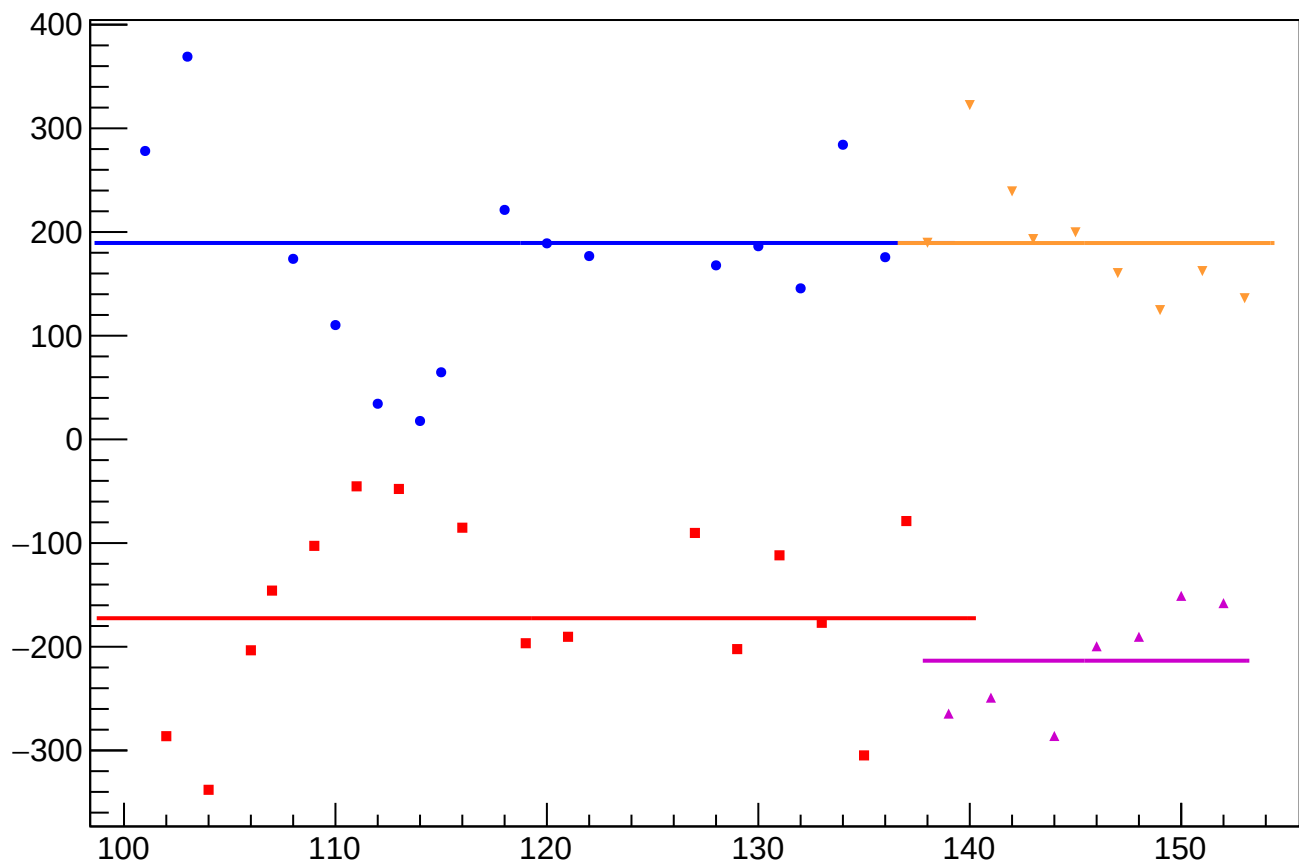
All: 27.896+/-0.000 χ^2/NDF : 3185624459199

dit_sam8_coil7_mean vs Slug, Sign Corrected



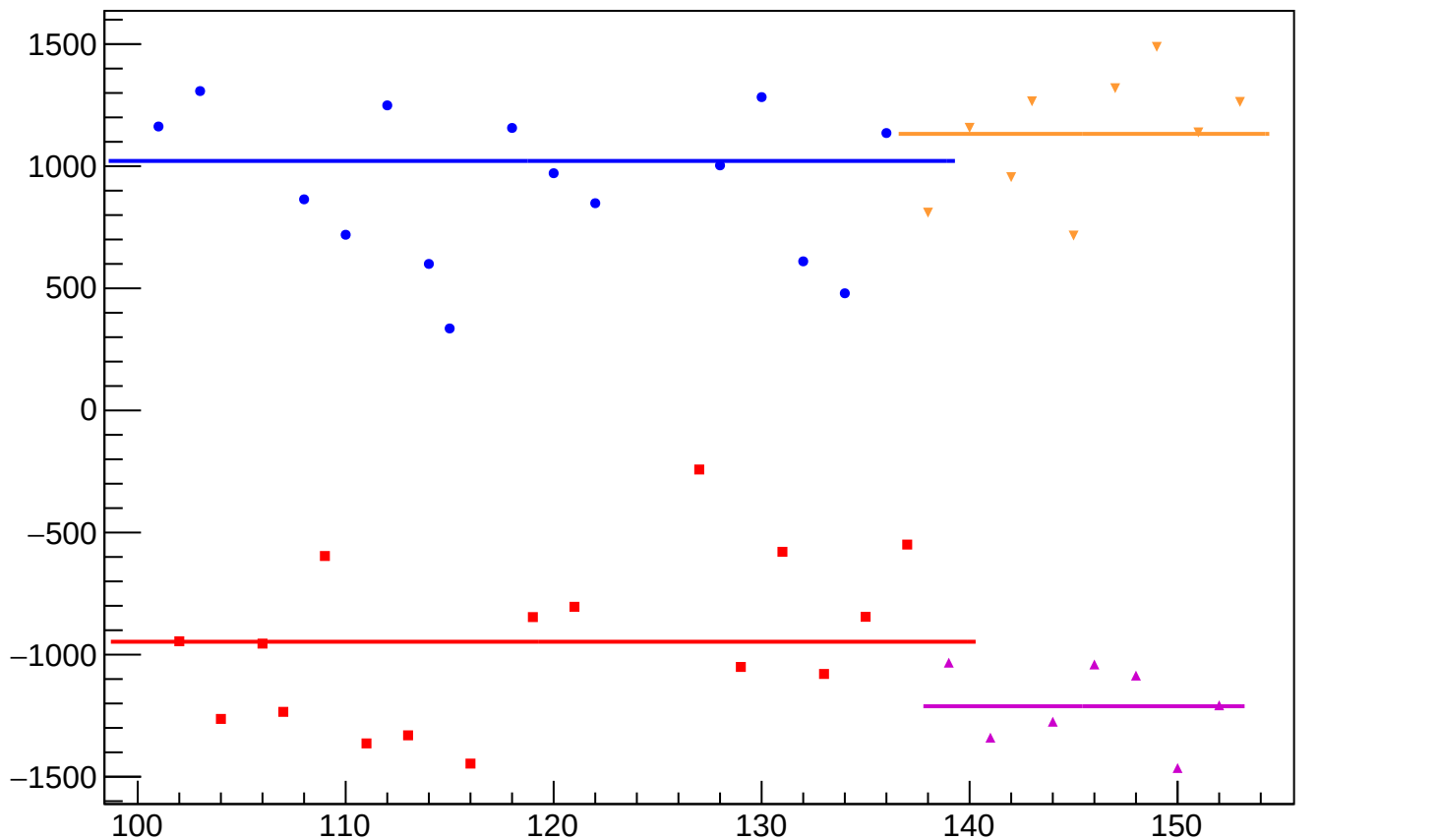
Left: -20.365+/-0.000 χ^2/NDF : 1194524288001815
 Right: -110.320+/-0.000 χ^2/NDF : 26741707536001
 In: -1266.692+/-0.000 χ^2/NDF : 121478991708895
 Out: 1048.989+/-0.000 χ^2/NDF : 123208383236309
 All: -66.001+/-0.000 χ^2/NDF : 279414782329

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



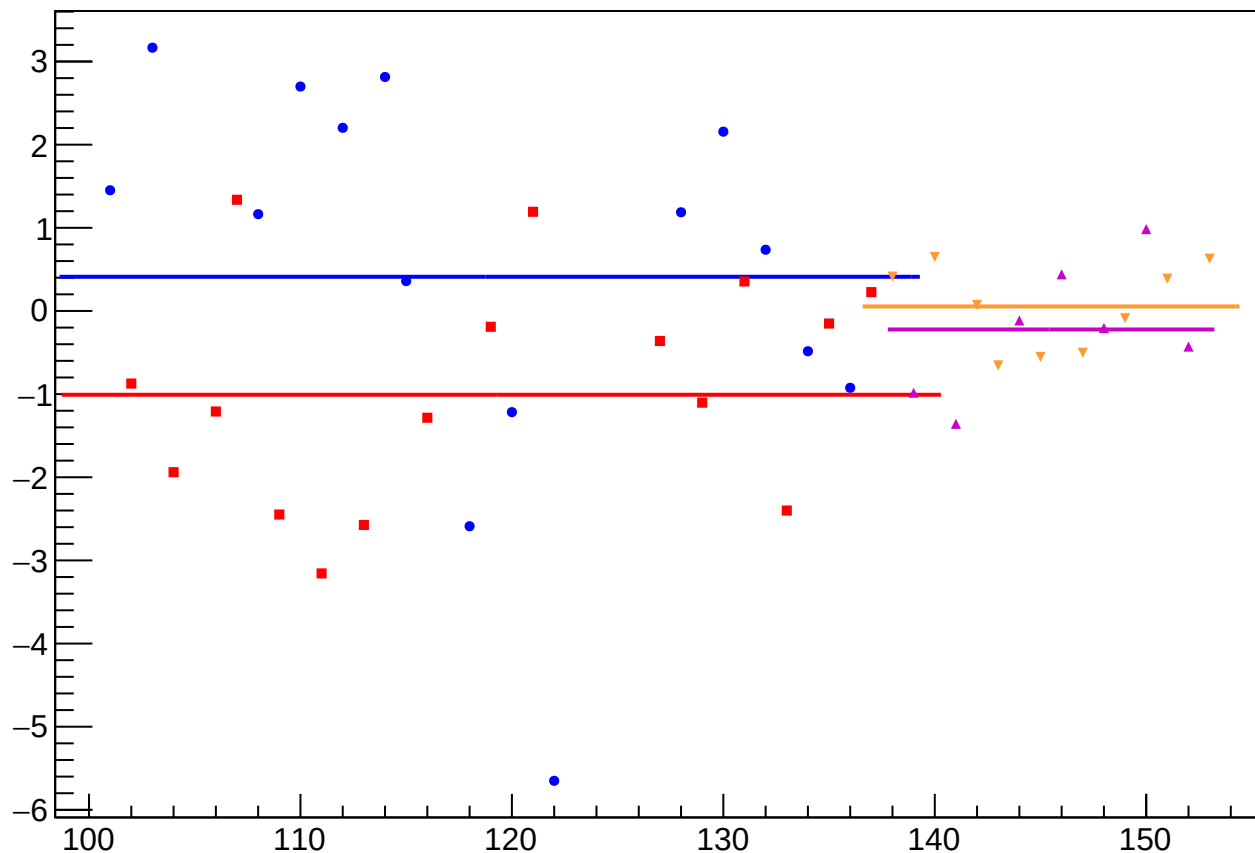
Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 189.390 +/- 0.000 χ^2/NDF : 2289564962595753201195075635307872256.0/8
 Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: -213.458 +/- 0.000 χ^2/NDF : 1473203061018047048961626793949790208.0/6
 All: 3.174 +/- 0.000 χ^2/NDF : 10883144369849

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



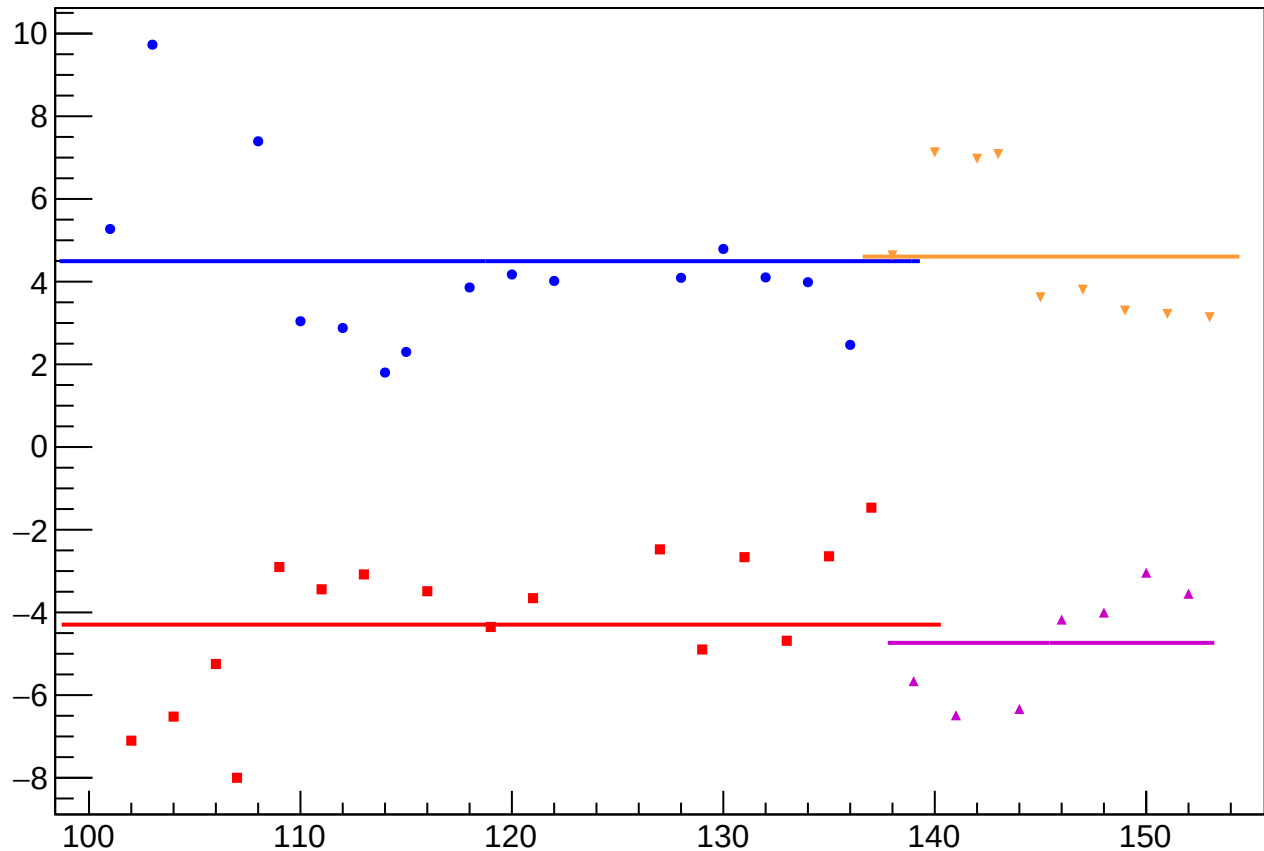
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1132.494 $\pm$ 0.000 χ^2 /NDF: 39686876192496915858085858394832371712.0/8
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1211.328 $\pm$ 0.000 χ^2 /NDF: 13918001771304500898480106304308248576.0/6
 All: 27.896 $\pm$ 0.000 χ^2 /NDF: 3185624459199

dit_4aX_coil4_mean vs Slug, Sign Corrected



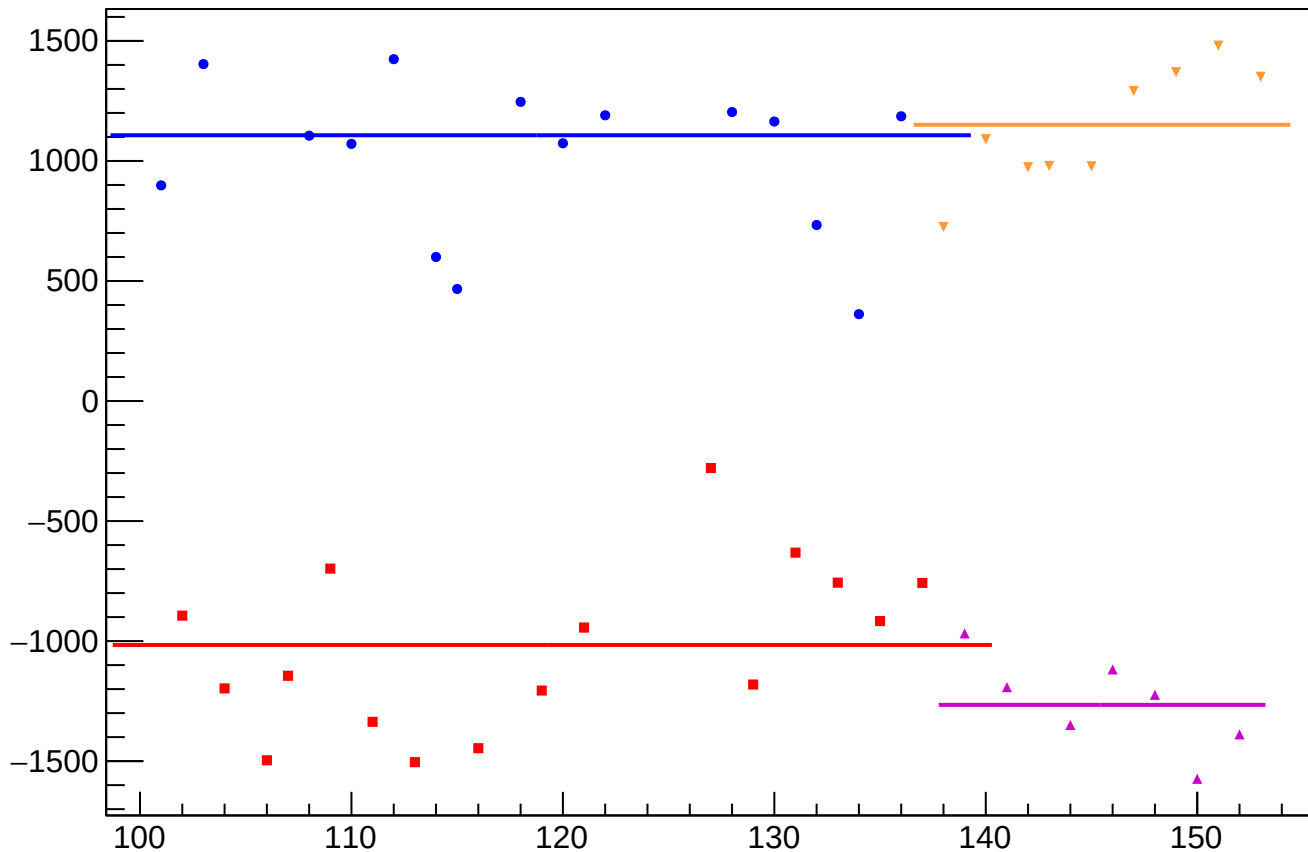
Left: -0.076 ± 0.000 χ^2/NDF : 51981244158825329
 Right In: 0.411 ± 0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.054 ± 0.000 χ^2/NDF : 165230170065722829495296443023360.0/8
 Right Out: -1.008 ± 0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -0.222 ± 0.000 χ^2/NDF : 330176704359855280549394055692288.0/6
 All: -0.193 ± 0.000 χ^2/NDF : 5731167206348

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



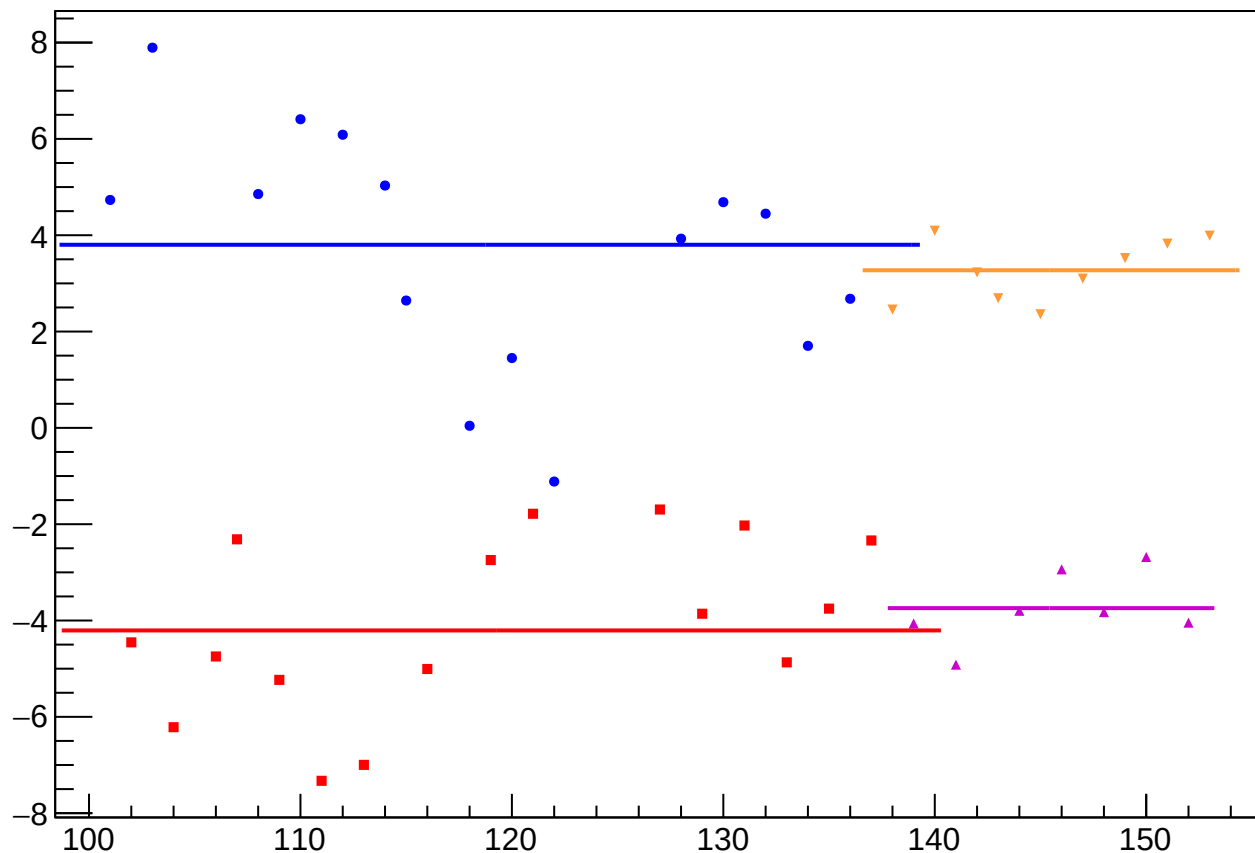
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.606 $\pm$ 0.000 χ^2 /NDF: 1793274864568106965900885183430656.0/8
 Right Out: -4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: -4.736 $\pm$ 0.000 χ^2 /NDF: 1014710911248110557283867359707136.0/6
 All: 0.129 $\pm$ 0.000 χ^2 /NDF: 60782521675912

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



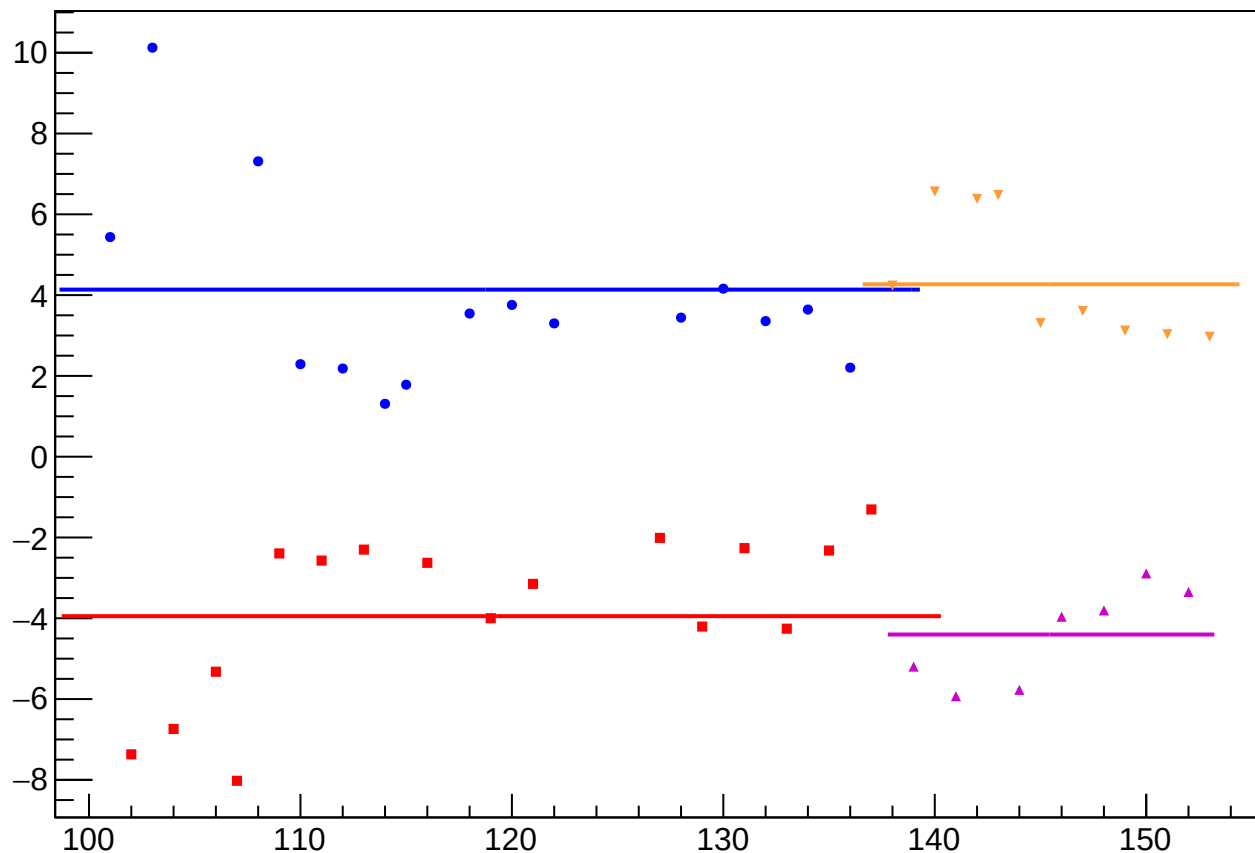
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_4eX_coil4_mean vs Slug, Sign Corrected



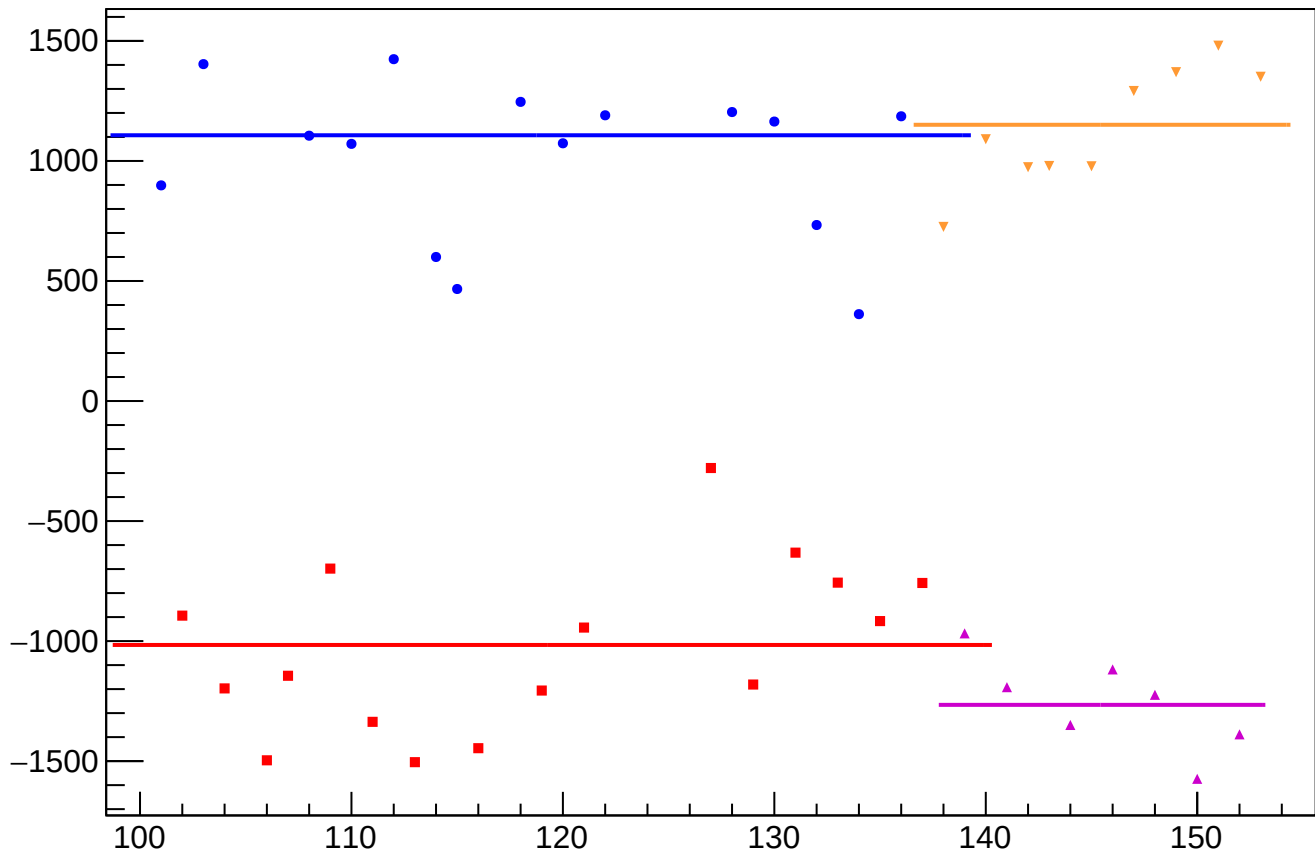
Right In: 3.802 ± 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.272 ± 0.000 χ^2/NDF : 272592887105546582281117333716992.0/8
 Right Out: -4.206 ± 0.000 χ^2/NDF : 209642781334145457333226518347760.0/15
 Left In: -3.743 ± 0.000 χ^2/NDF : 290480987979103116218697116549120.0/6
 All: -0.141 ± 0.000 χ^2/NDF : 4324804305221

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



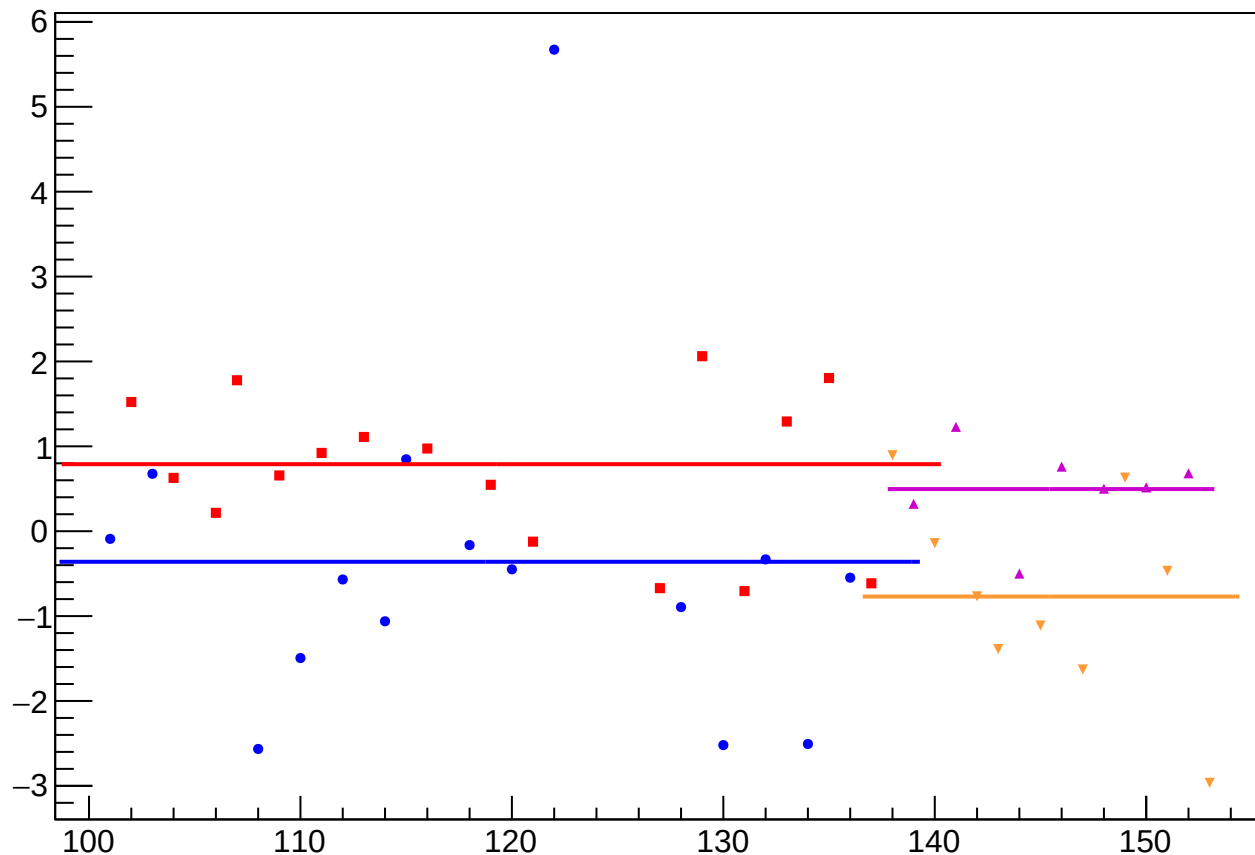
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.268+/-0.000 χ^2/NDF : 1445912316048436245313571229007872.0/8
 Right Out: -3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: -4.402+/-0.000 χ^2/NDF : 767562234556621489129512419459072.0/6
 All: 0.117+/-0.000 χ^2/NDF : 53834886111846

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

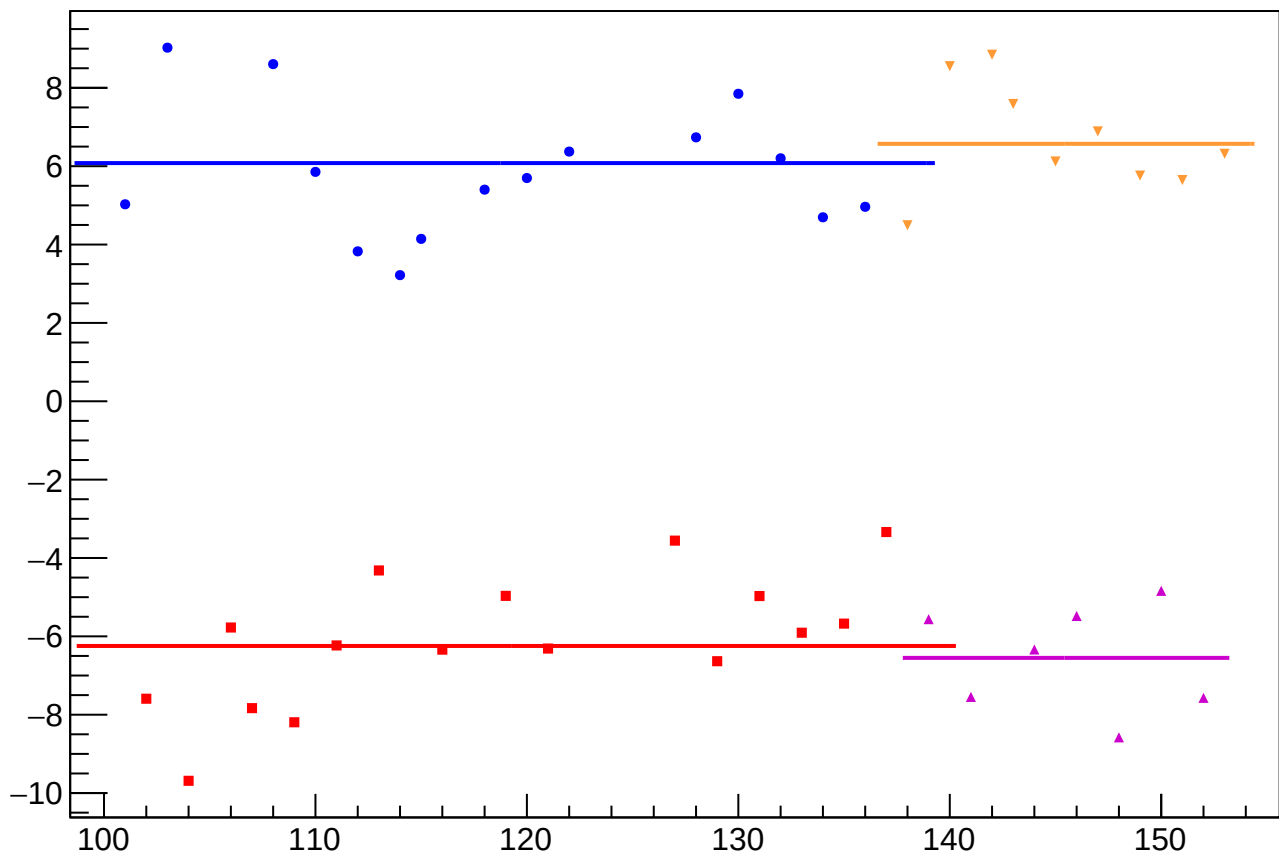
dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: -0.175 ± 0.000 χ^2/NDF : 15781836818797030
 Right: 0.223 ± 0.000 χ^2/NDF : 30782158054306257
 In: 0.051 ± 0.000 χ^2/NDF : 2554263027563378799
 Out: 0.003 ± 0.000 χ^2/NDF : 220334459232454519
 All: 0.026 ± 0.000 χ^2/NDF : 47590901057217

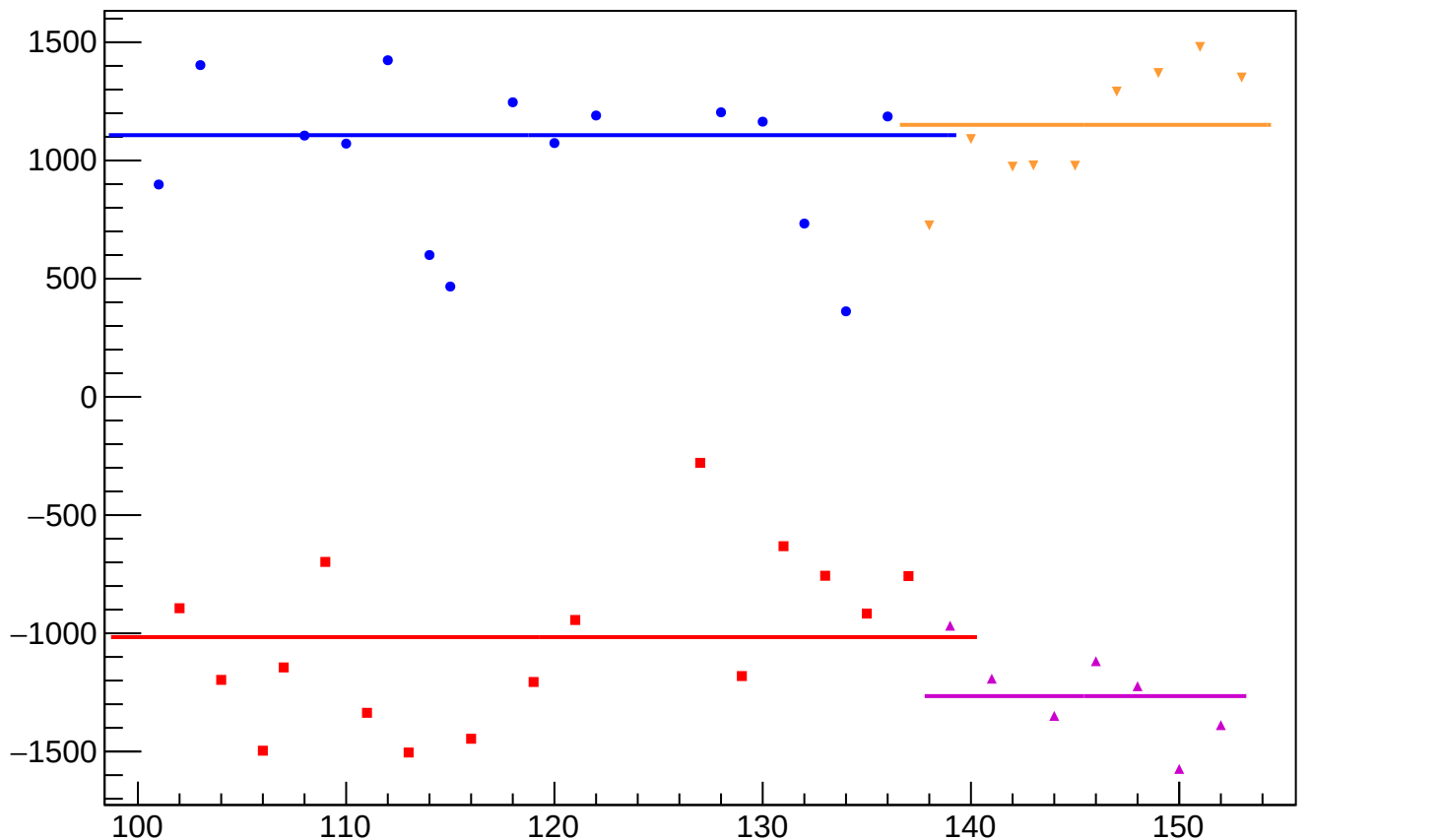
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.770 ± 0.000 χ^2/NDF : 922490962945590093466545063723008.0/8
 Right Out: 0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: 0.496 ± 0.000 χ^2/NDF : 145232068233053201988770540290048.0/6

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



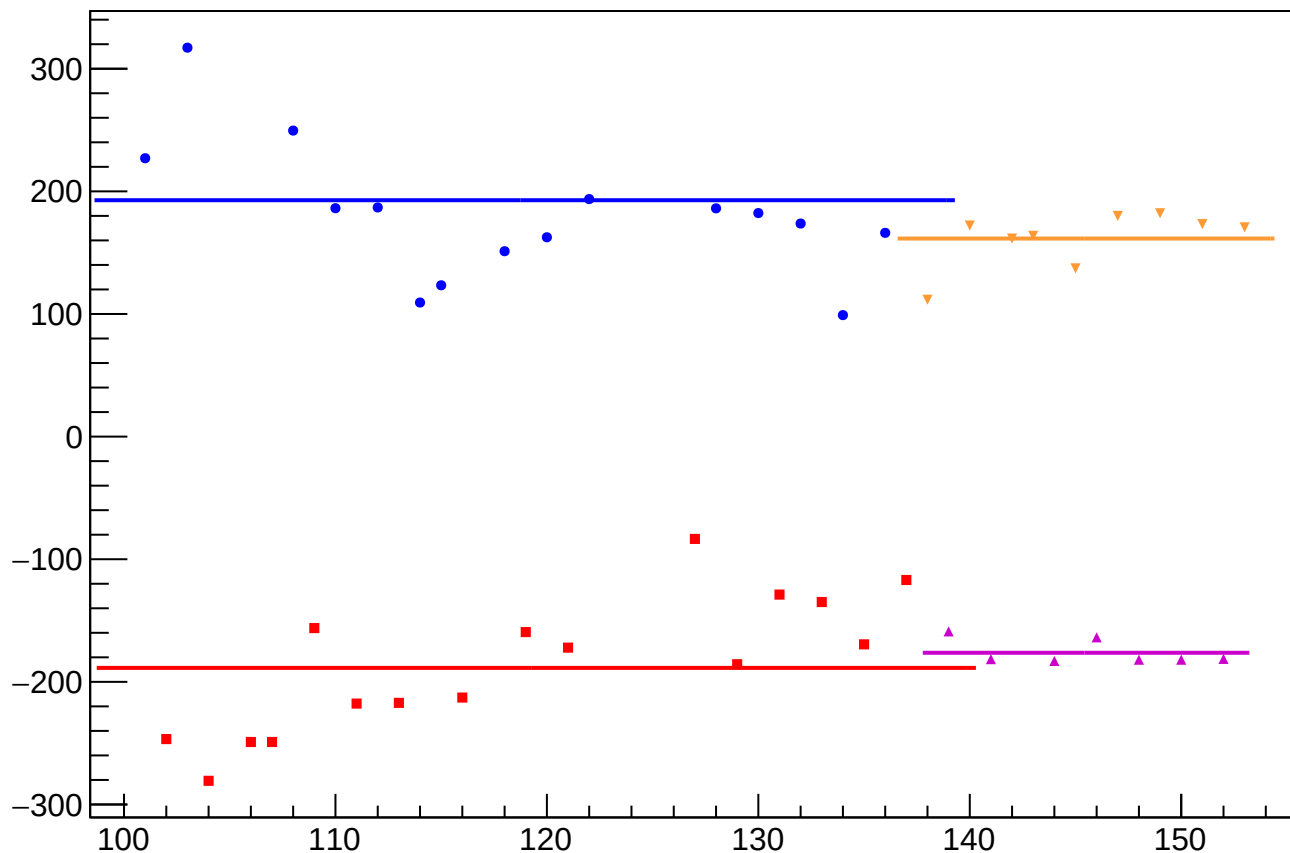
Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14
 Left Out: 6.572+/-0.000 χ^2/NDF : 1116911232073825158030979072262144.0/8
 Right Out: -6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15
 Left In: -6.550+/-0.000 χ^2/NDF : 964983791940579311085832659533824.0/6
 All: 0.118+/-0.000 χ^2/NDF : 11047571550564.0/30

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 192.771+/-0.000

χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 161.532+/-0.000

χ^2/NDF : 331635813927622035664459940711366656.0/8

Right Out: -188.612+/-0.000

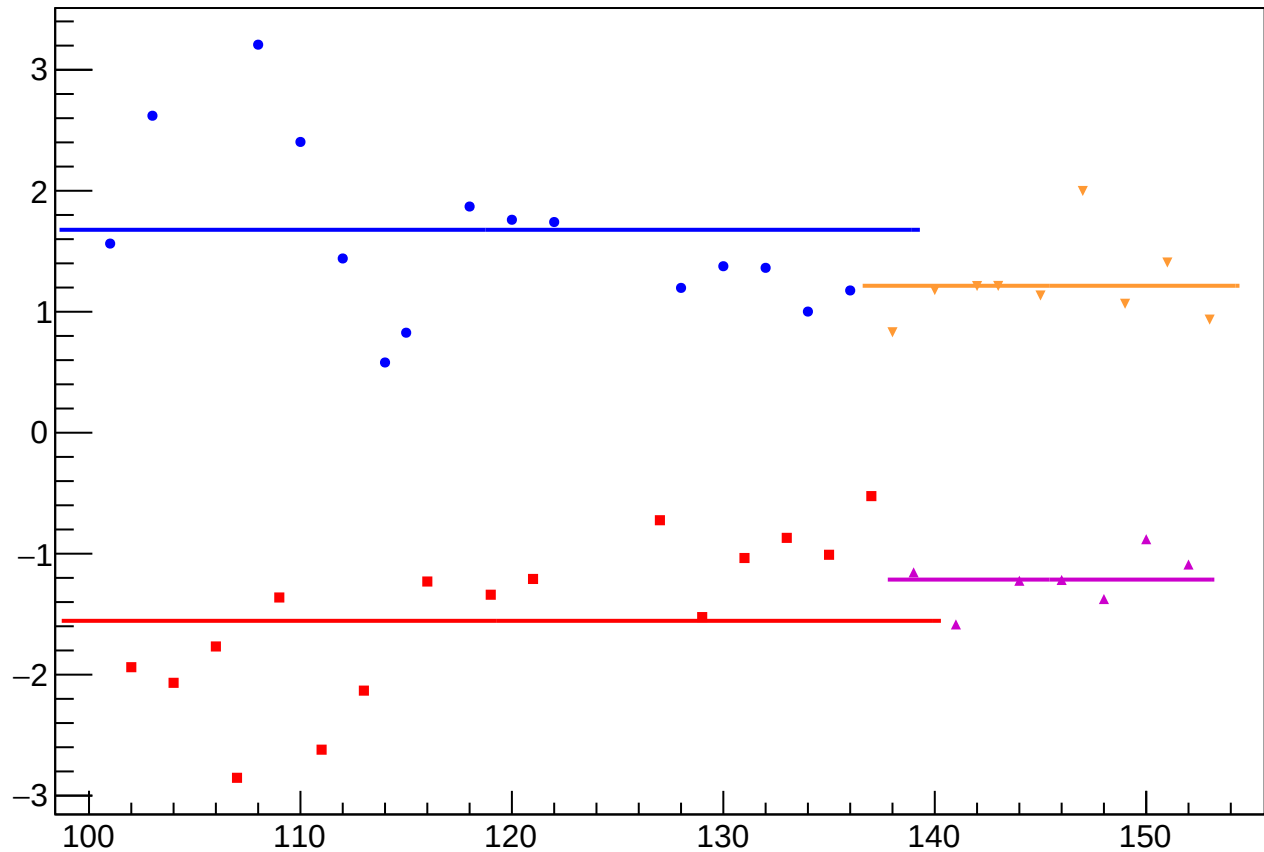
χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: -176.280+/-0.000

χ^2/NDF : 51765712365263659624092752811130880.0/6

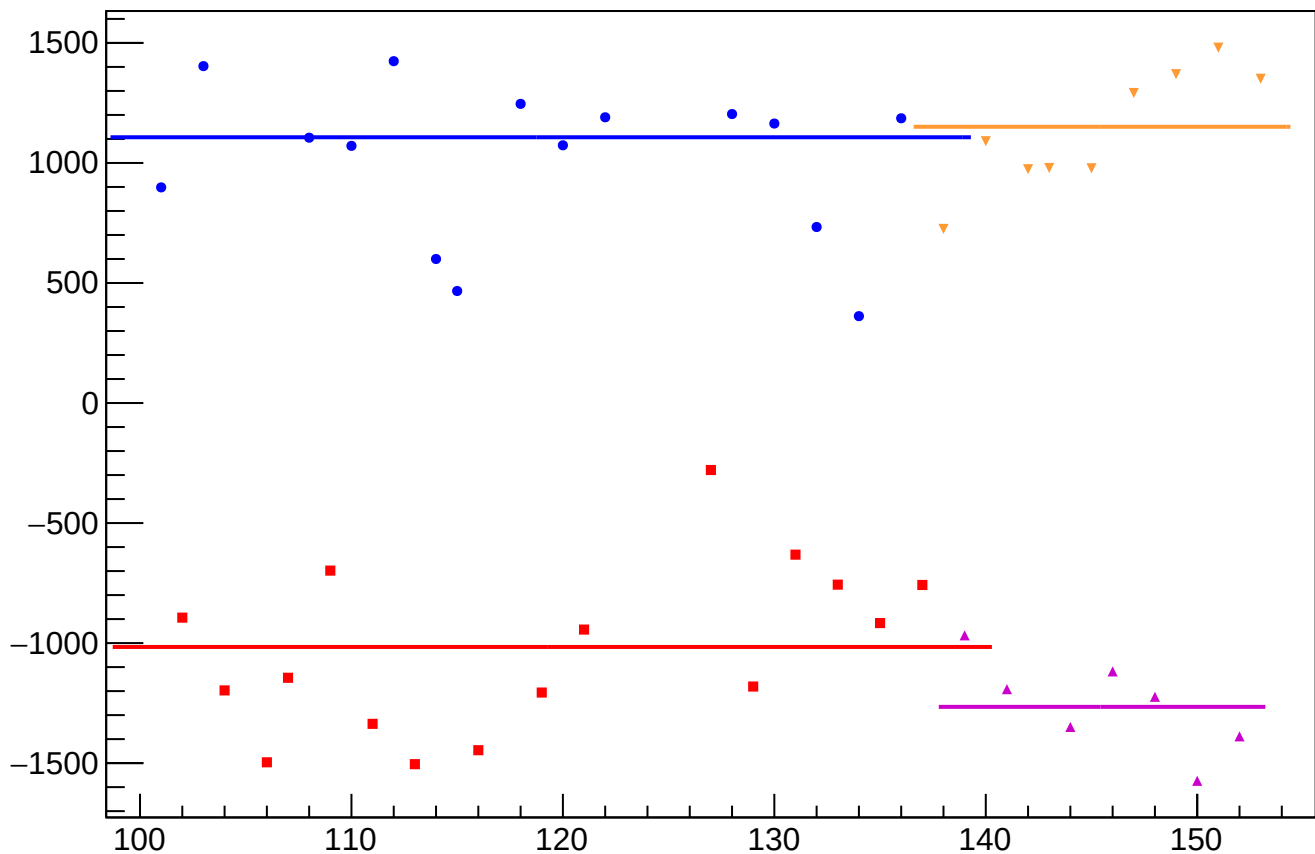
All: 1.178+/-0.000 χ^2/NDF : 88123698006774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



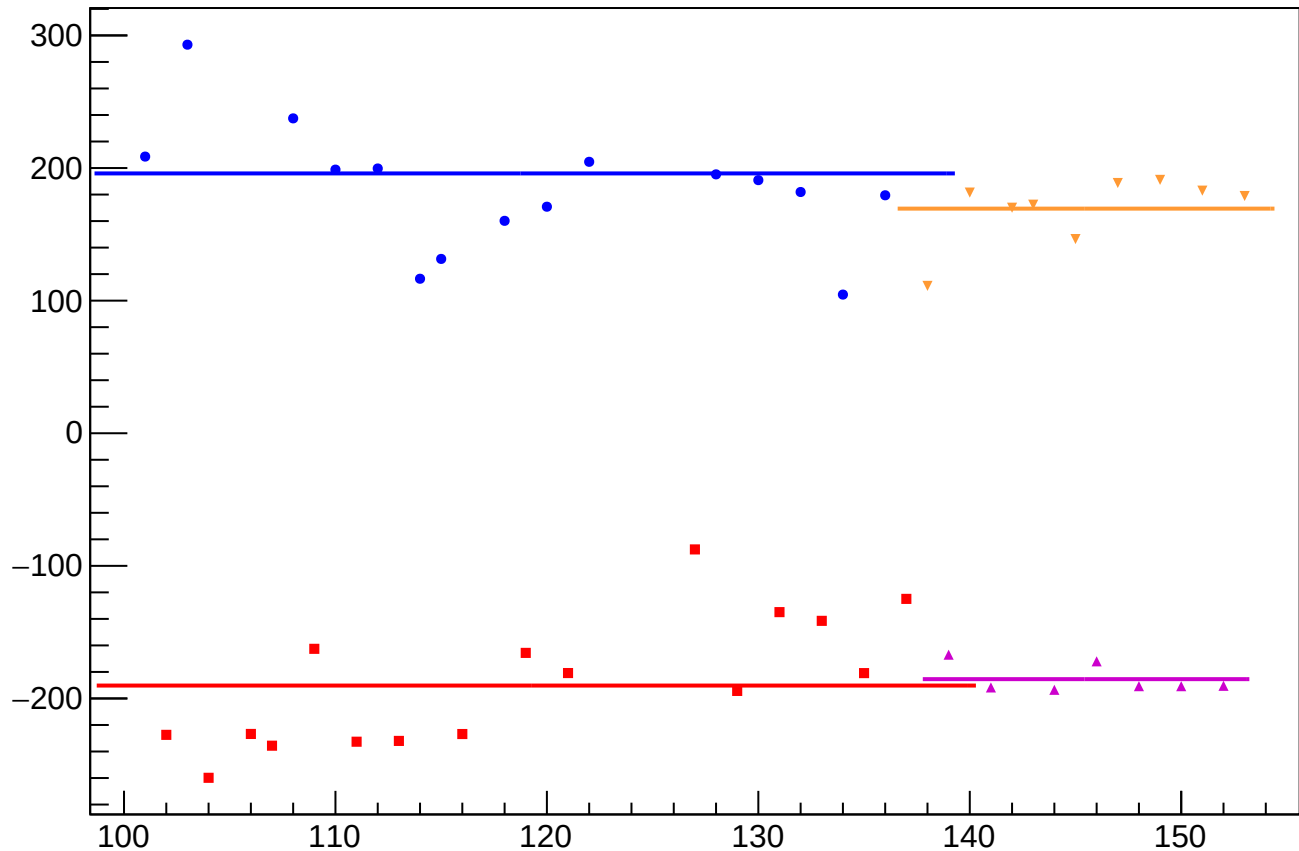
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.215 $\pm$ 0.000 χ^2 /NDF: 71399936940599443410344363425792.0/8
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: -1.214 $\pm$ 0.000 χ^2 /NDF: 25625170464848923079466979164160.0/6
 All: 0.057 $\pm$ 0.000 χ^2 /NDF: 59101980698373

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 16.270 +/- 0.000 χ^2/NDF : 19162592945134163
 Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953 +/- 0.000 χ^2/NDF : 1595991371539270
 Left Out: 1150.698 +/- 0.000 χ^2/NDF : 37586929183133584961001644800803340288.0/8
 In: -32.749 +/- 0.000 χ^2/NDF : 18159534311093714
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: 76.156 +/- 0.000 χ^2/NDF : 16887561822700349
 Left In: -1265.633 +/- 0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6
 All: 23.719 +/- 0.000 χ^2/NDF : 3512390445234

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940+/-0.000

χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 169.393+/-0.000

χ^2/NDF : 410492429792821430733208469970616320.0/8

Right Out: -190.268+/-0.000

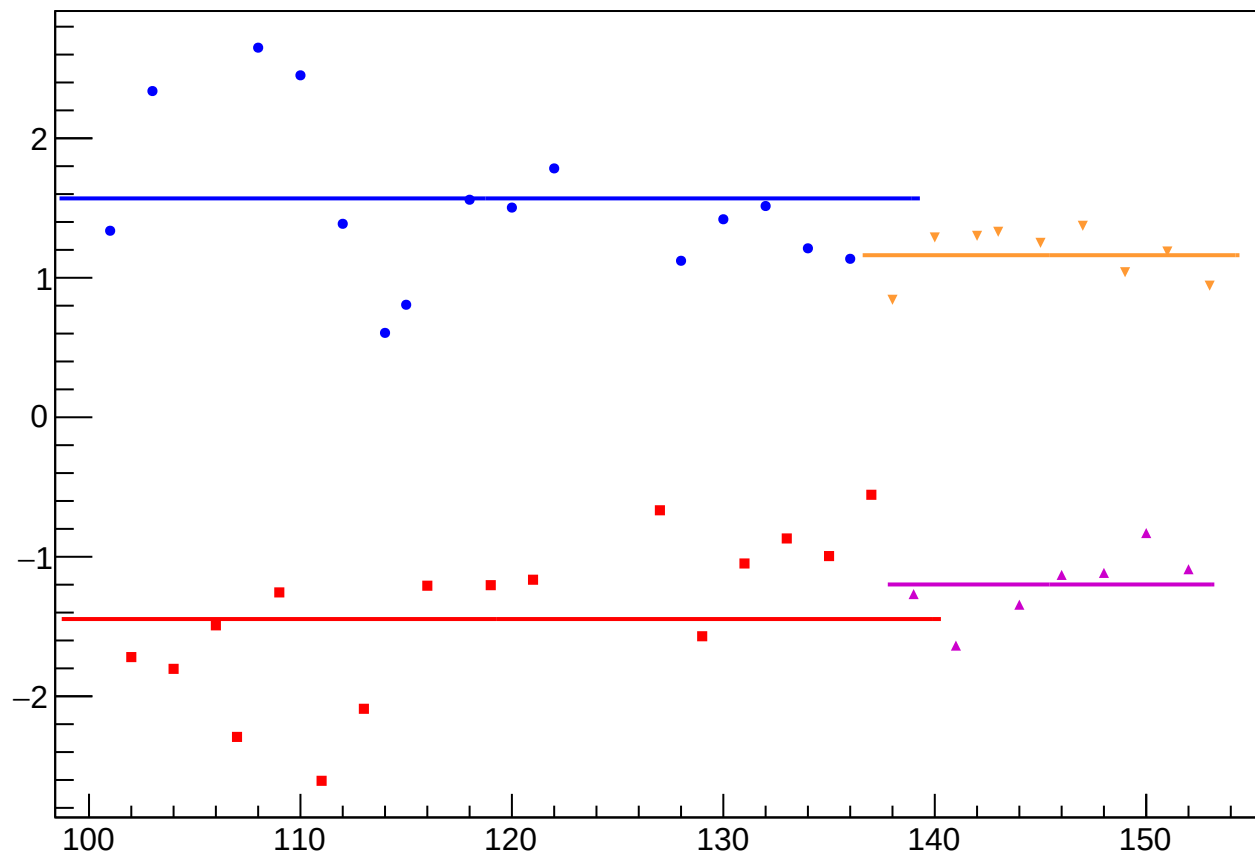
χ^2/NDF : 1468473073667973330267084234323656704.0/15

Left In: -185.435+/-0.000

χ^2/NDF : 58734602183335950935843151598845952.0/6

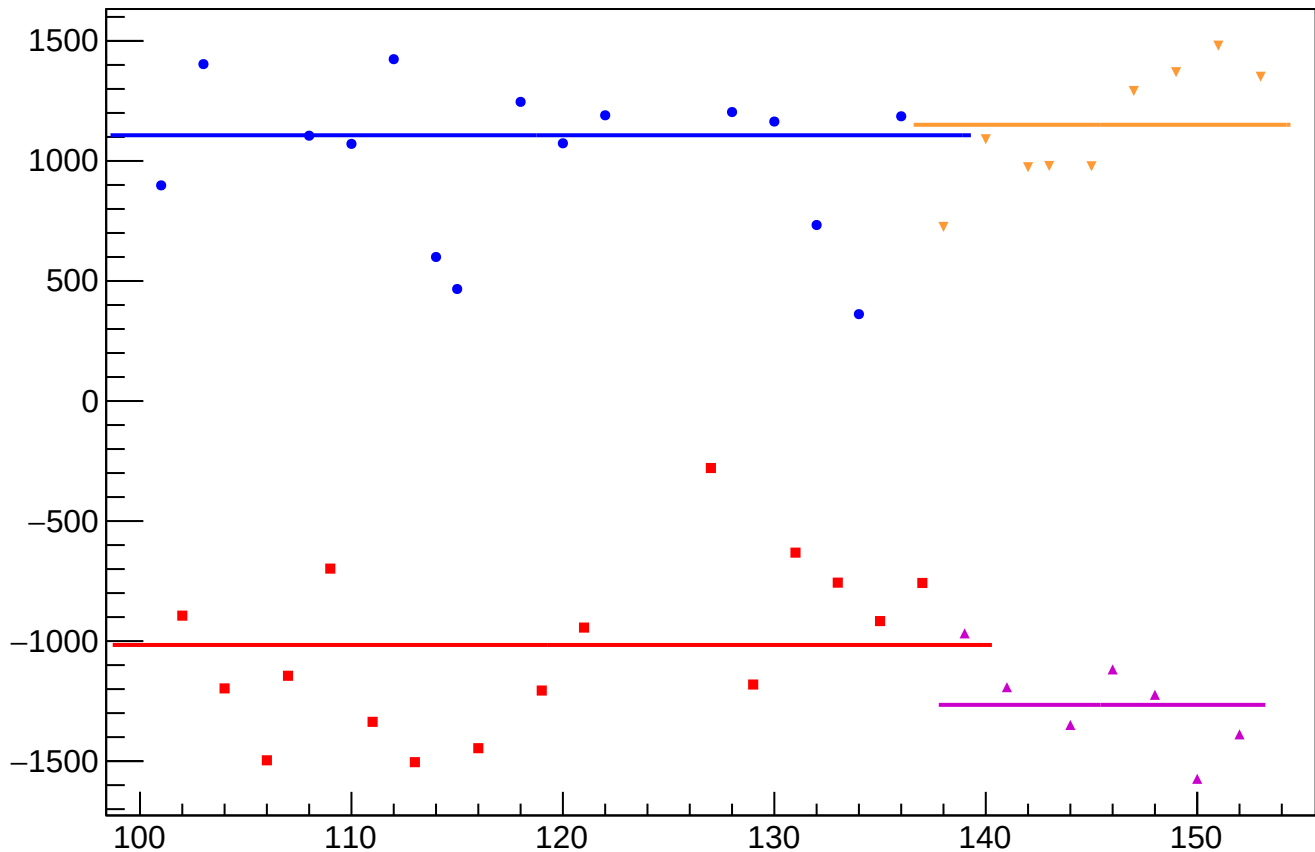
All: 1.482+/-0.000 χ^2/NDF : 92139323079335

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



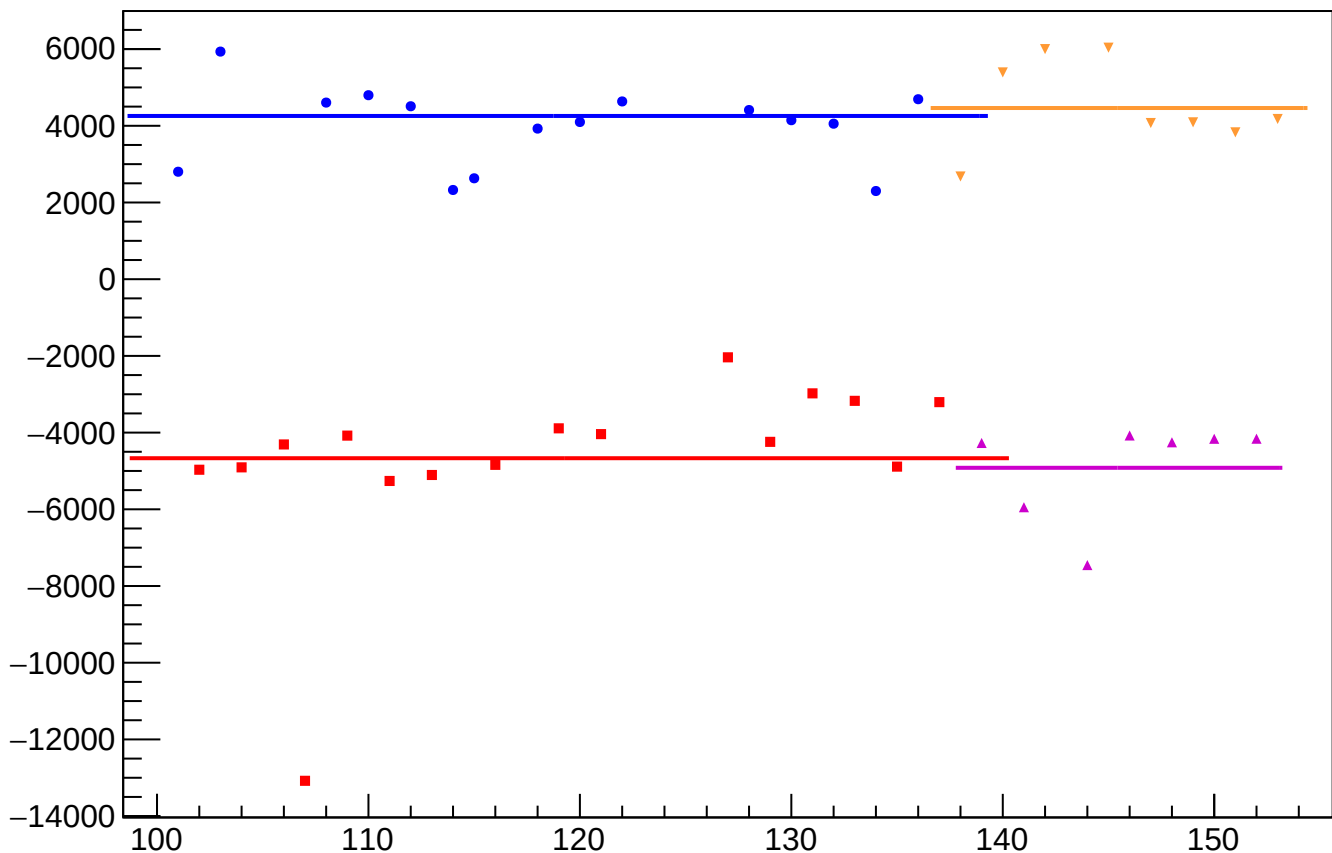
Right In: 1.569 ± 0.000 χ^2/NDF : 162849195668123380789610540957696.0/14
 Left Out: 1.162 ± 0.000 χ^2/NDF : 21528936917662522082189761314816.0/8
 Right Out: -1.446 ± 0.000 χ^2/NDF : 196296653917523352443271052787712.0/15
 Left In: -1.199 ± 0.000 χ^2/NDF : 32948014681831749804964448305152.0/6
 All: 0.047 ± 0.000 χ^2/NDF : 51779167373690

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



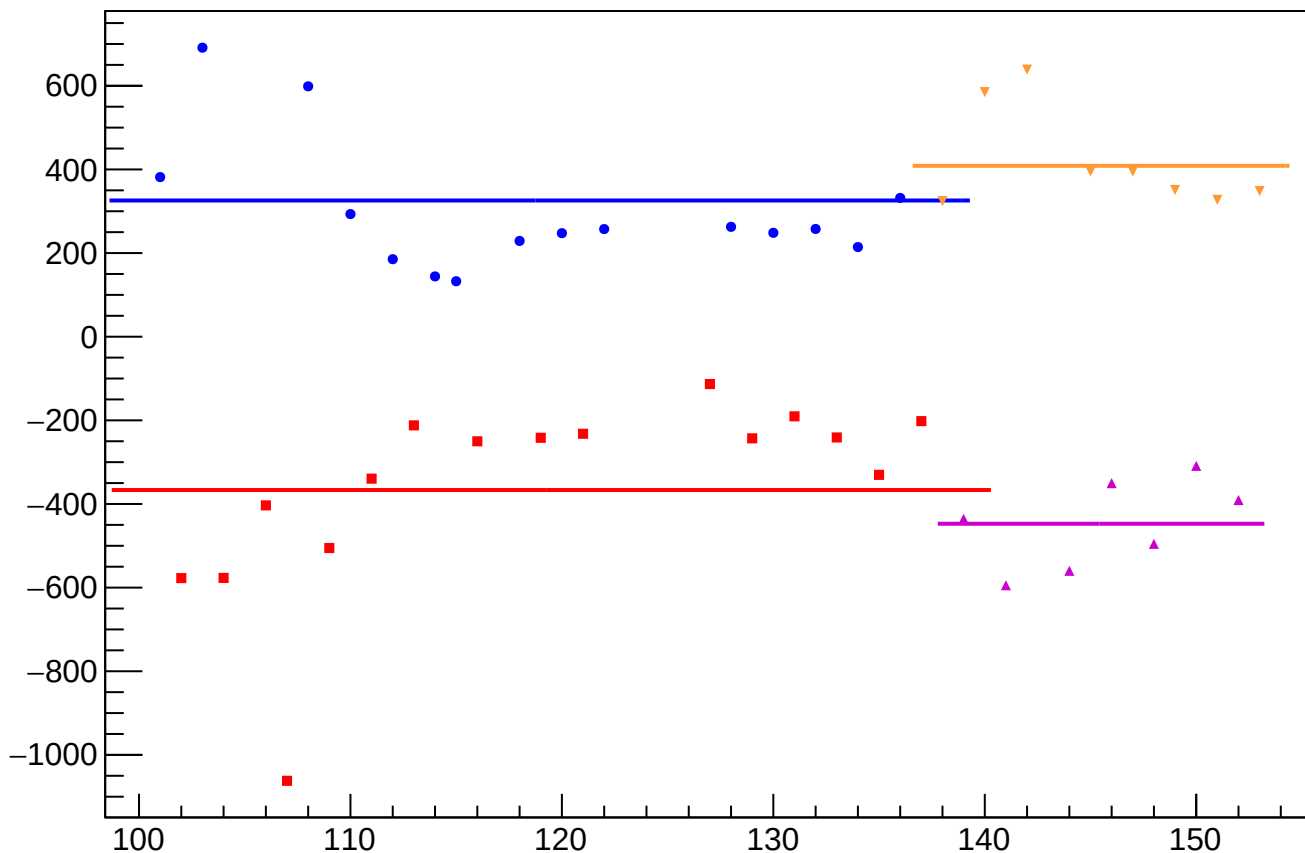
Left: 16.270 +/- 0.000 χ^2/NDF : 19162592945134163
 Right: 30.953 +/- 0.000 χ^2/NDF : 1595991371539270
 In: -32.749 +/- 0.000 χ^2/NDF : 18159534311093714
 Out: 76.156 +/- 0.000 χ^2/NDF : 16887561822700349
 All: 23.719 +/- 0.000 χ^2/NDF : 3512390445234

dit_usl_coil4_mean vs Slug, Sign Corrected



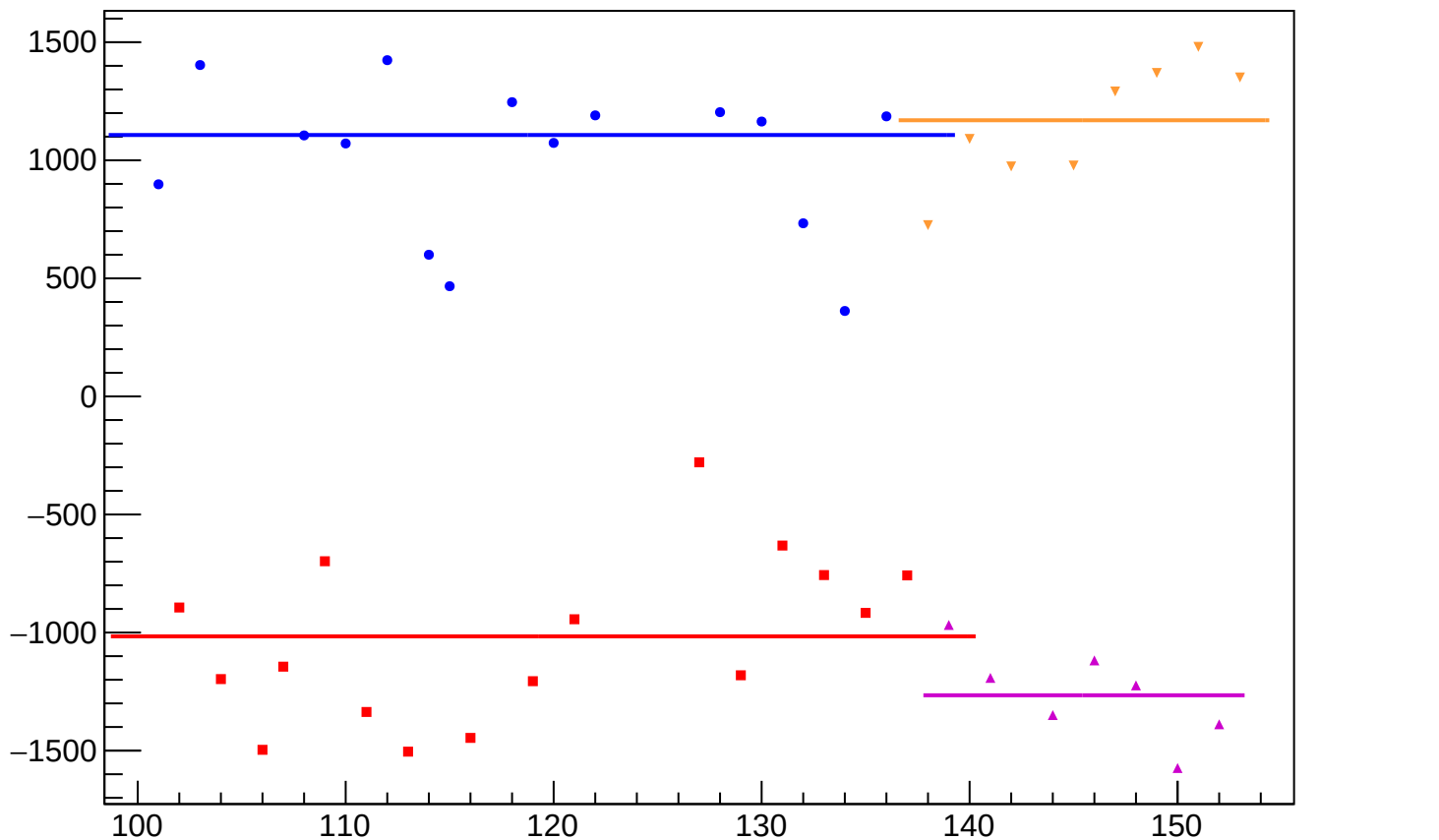
Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4463.458+/-0.000 χ^2/NDF : 689856772555163851059317999189132050432.0/7
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -4917.695+/-0.000 χ^2/NDF : 894630324967784268514278837671130300416.0/6
 All: -227.342+/-0.000 χ^2/NDF : 58128117514

dit_usl_coil4_err_mean vs Slug, Sign Corrected



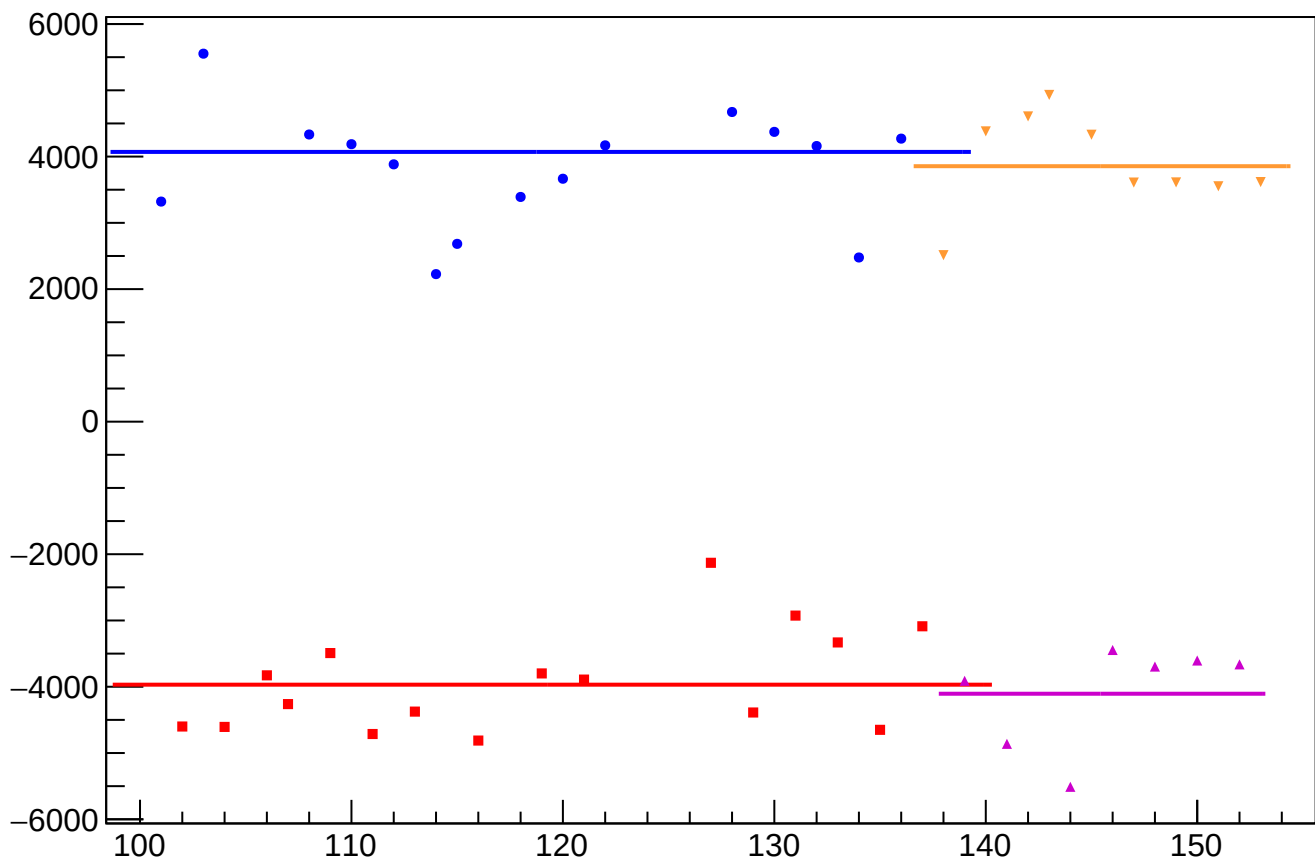
Right In: 325.732 $\pm$ 0.000 χ^2 /NDF: 14633359567940244123897242769854300160.0/14
 Left Out: 408.710 $\pm$ 0.000 χ^2 /NDF: 6666413512488486216350839514448527360.0/7
 Right Out: -366.682 $\pm$ 0.000 χ^2 /NDF: 32097250699947956409117440115398934528.0/15
 Left In: -447.265 $\pm$ 0.000 χ^2 /NDF: 5974986934000238832215038490147028992.0/6
 All: -20.504 $\pm$ 0.000 χ^2 /NDF: 438942895161

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



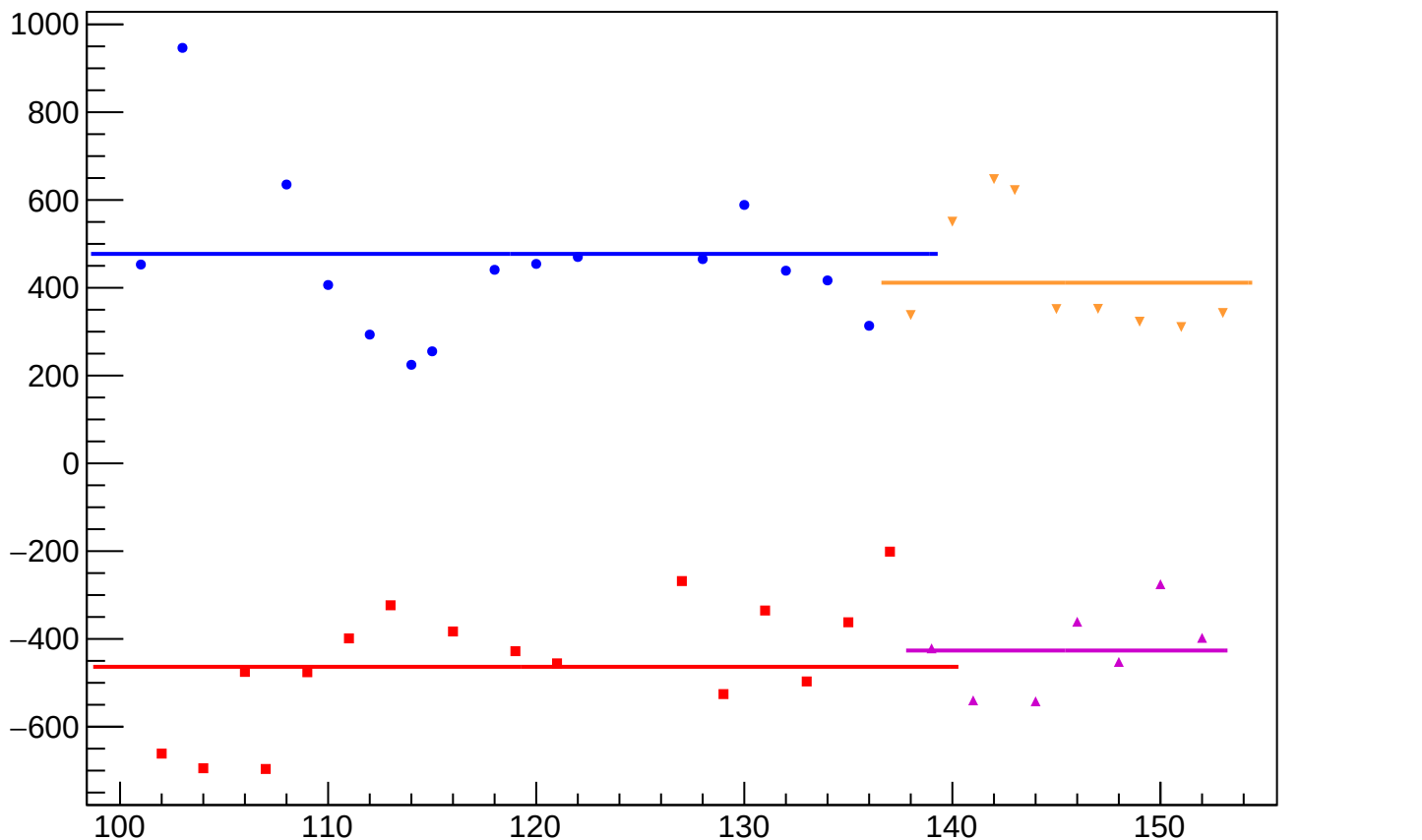
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.514 ± 0.000 χ^2/NDF : 35397841067317379112874814361412042752.0/7
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 ± 0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6
 All: -1.612 ± 0.000 χ^2/NDF : 3449613983544

dit_usr_coil4_mean vs Slug, Sign Corrected



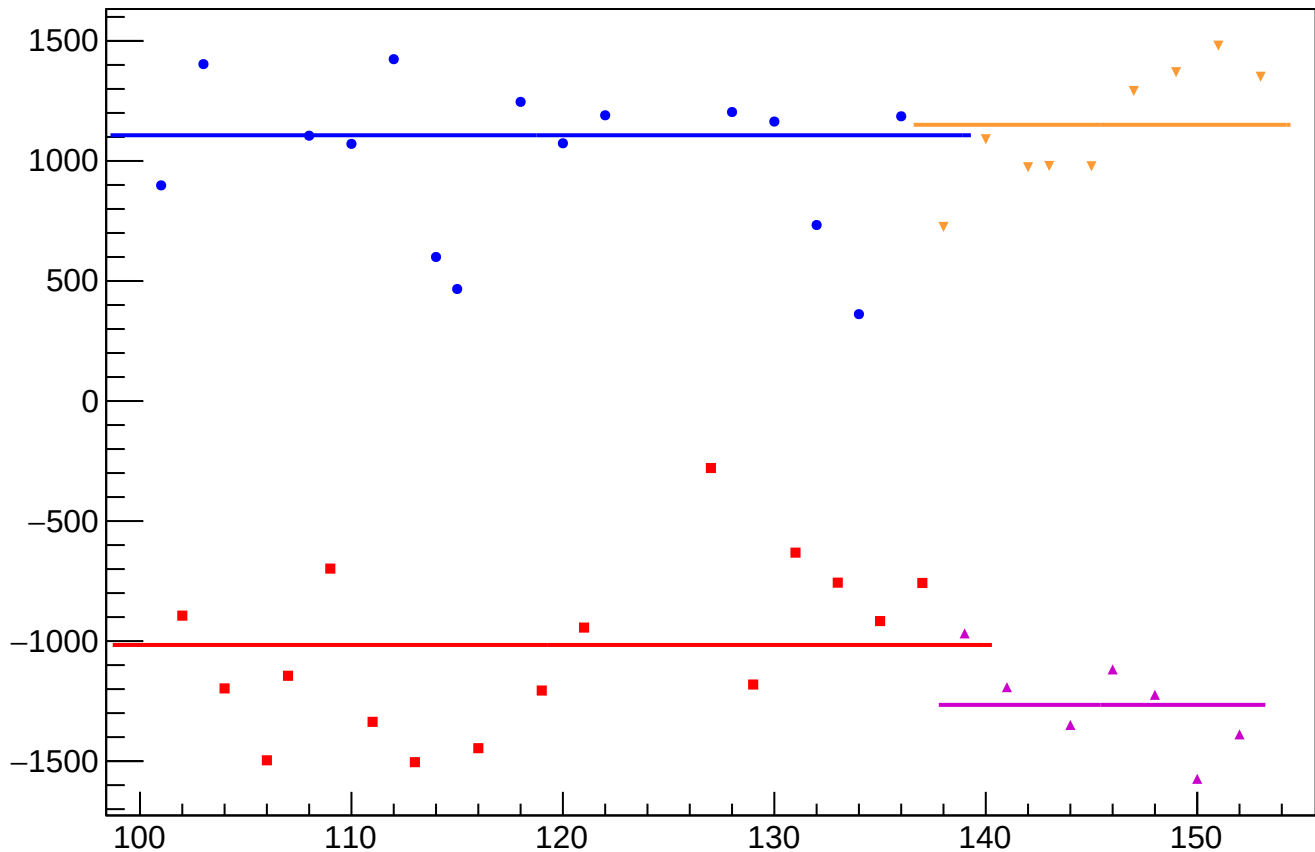
Right In: 4070.444 $\pm$ 0.000 χ^2 /NDF: 343281875282695739956383156295247593472.0/14
 Left Out: 3854.826 $\pm$ 0.000 χ^2 /NDF: 306654991046223050636484955666496094208.0/8
 Right Out: -3968.723 $\pm$ 0.000 χ^2 /NDF: 359955880326194784467353369492594884608.0/15
 Left In: -4105.407 $\pm$ 0.000 χ^2 /NDF: 31739746182680353027403421022448312320.0/6
 All: 55.863 $\pm$ 0.000 χ^2 /NDF: 4276540060884

dit_usr_coil4_err_mean vs Slug, Sign Corrected



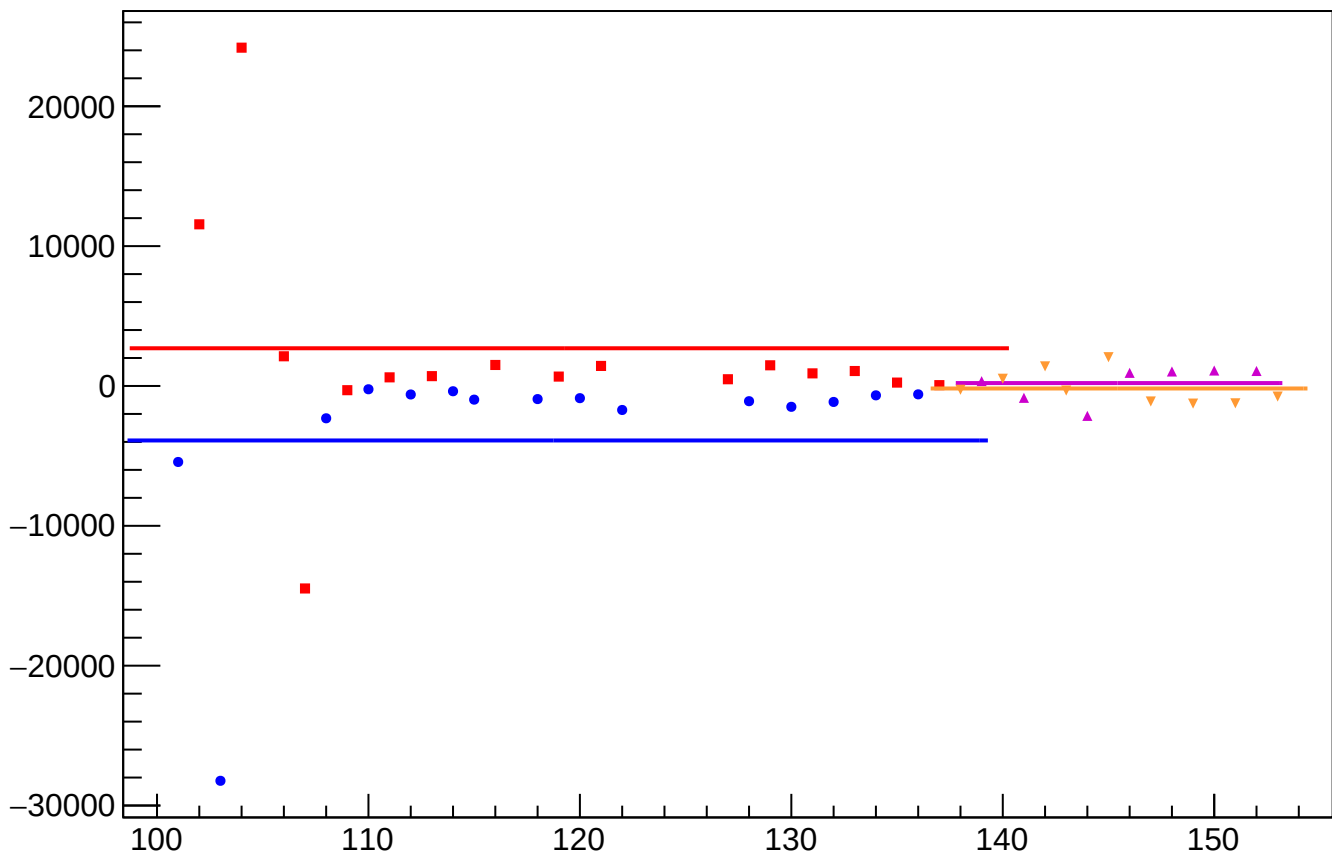
Left: 18.145 ± 0.000 $\chi^2/\text{NDF}: 23834535858573987$
 Right: 0.404 ± 0.000 $\chi^2/\text{NDF}: 32409492726519645$
 Right In: 477.186 ± 0.000 $\chi^2/\text{NDF}: 20455719931758379978892605184974782464.0/14$
 Left Out: 411.562 ± 0.000 $\chi^2/\text{NDF}: 9971631271693083015983510616314740736.0/8$
 Right Out: -463.513 ± 0.000 $\chi^2/\text{NDF}: 12556777931069903370031832388184571904.0/15$
 Left In: -426.416 ± 0.000 $\chi^2/\text{NDF}: 4854144384091912940948249854768840704.0/6$
 All: 9.144 ± 0.000 $\chi^2/\text{NDF}: 56264436977126$

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522+/-0.000

χ^2/NDF : 39618598516481020448248440670012984786944.0/14

Left Out: -179.831+/-0.000

χ^2/NDF : 842699252860840434657692527000750653440.0/8

Right Out: 2695.992+/-0.000

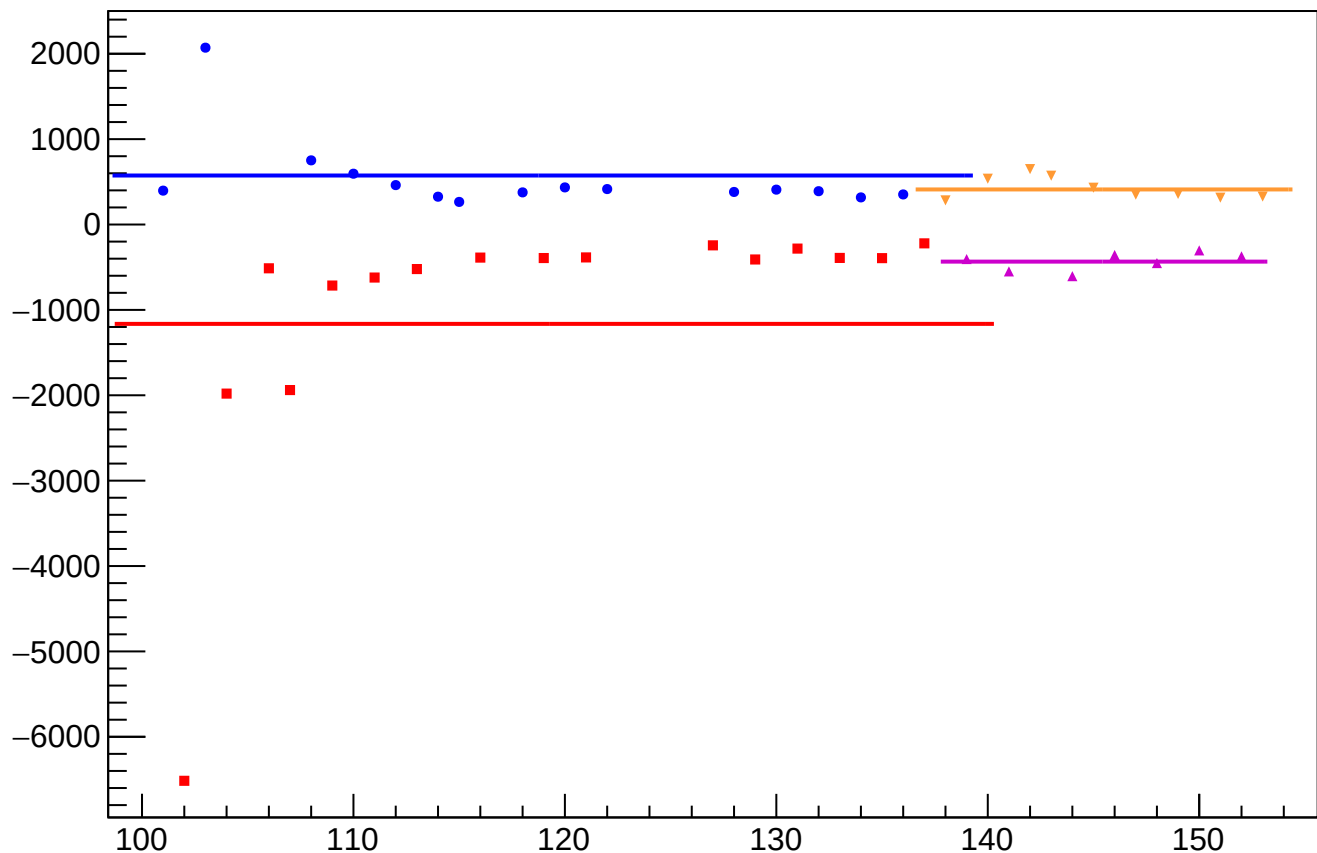
χ^2/NDF : 40822463071462352124212058386591729582080.0/15

Left In: 207.524+/-0.000

χ^2/NDF : 825989149750309477810360651995653603328.0/6

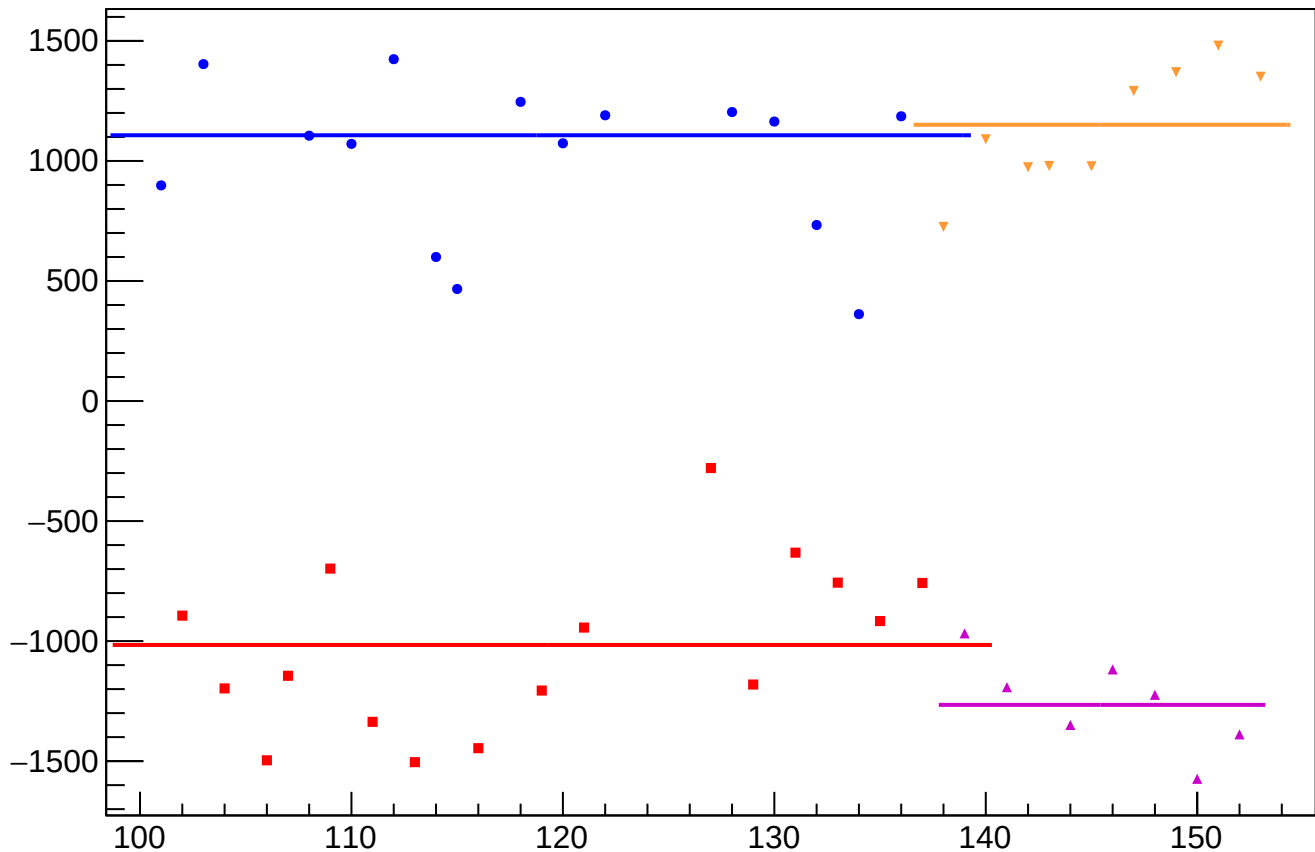
All: -280.658+/-0.000 χ^2/NDF : 96654885929

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



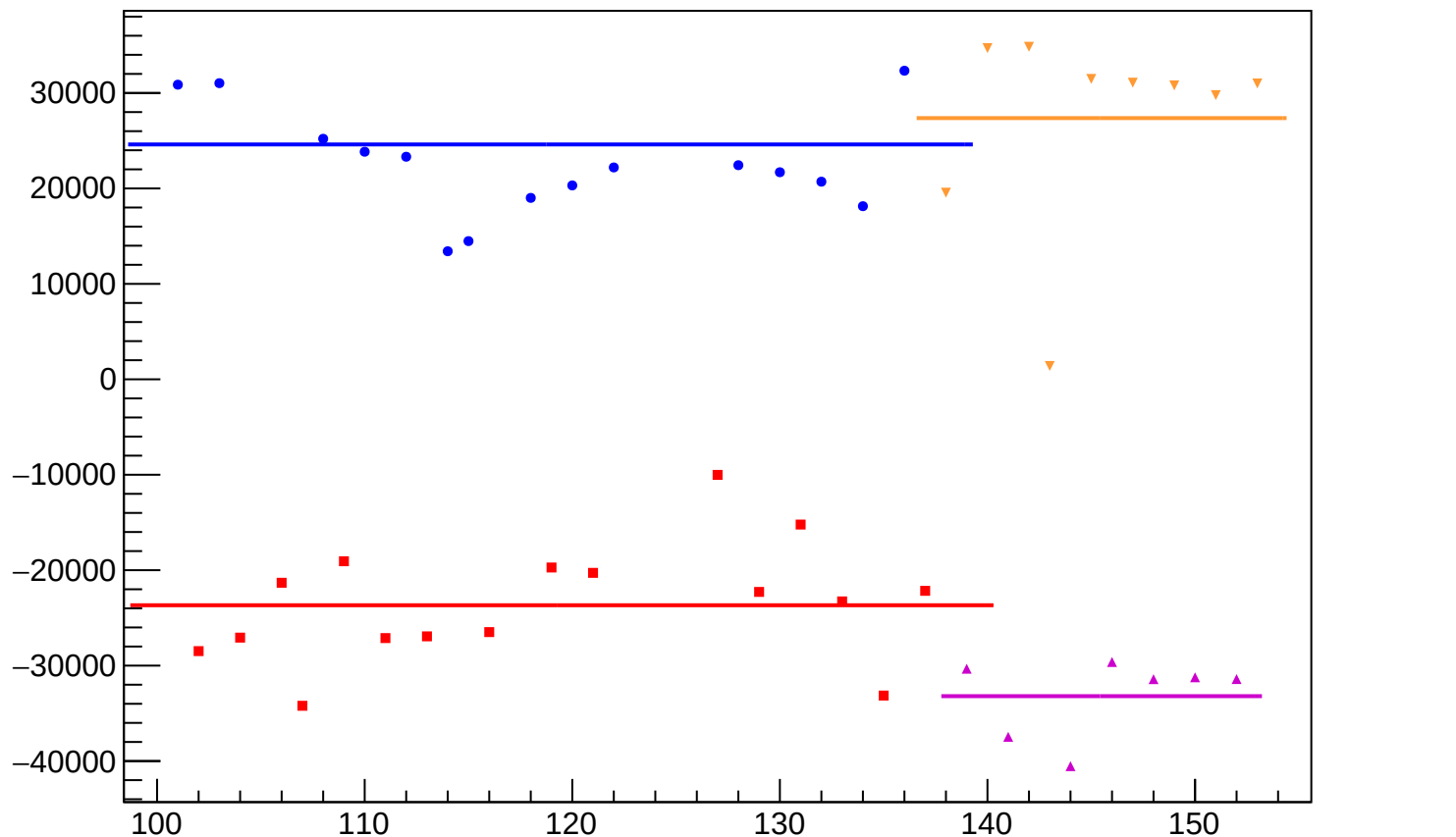
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 410.817+/-0.000 χ^2/NDF : 8789600792330653624781750876827025408.0/8
 Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: -434.586+/-0.000 χ^2/NDF : 6205772859922282170141807022341881856.0/6
 All: -148.744+/-0.000 χ^2/NDF : 34577651131

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



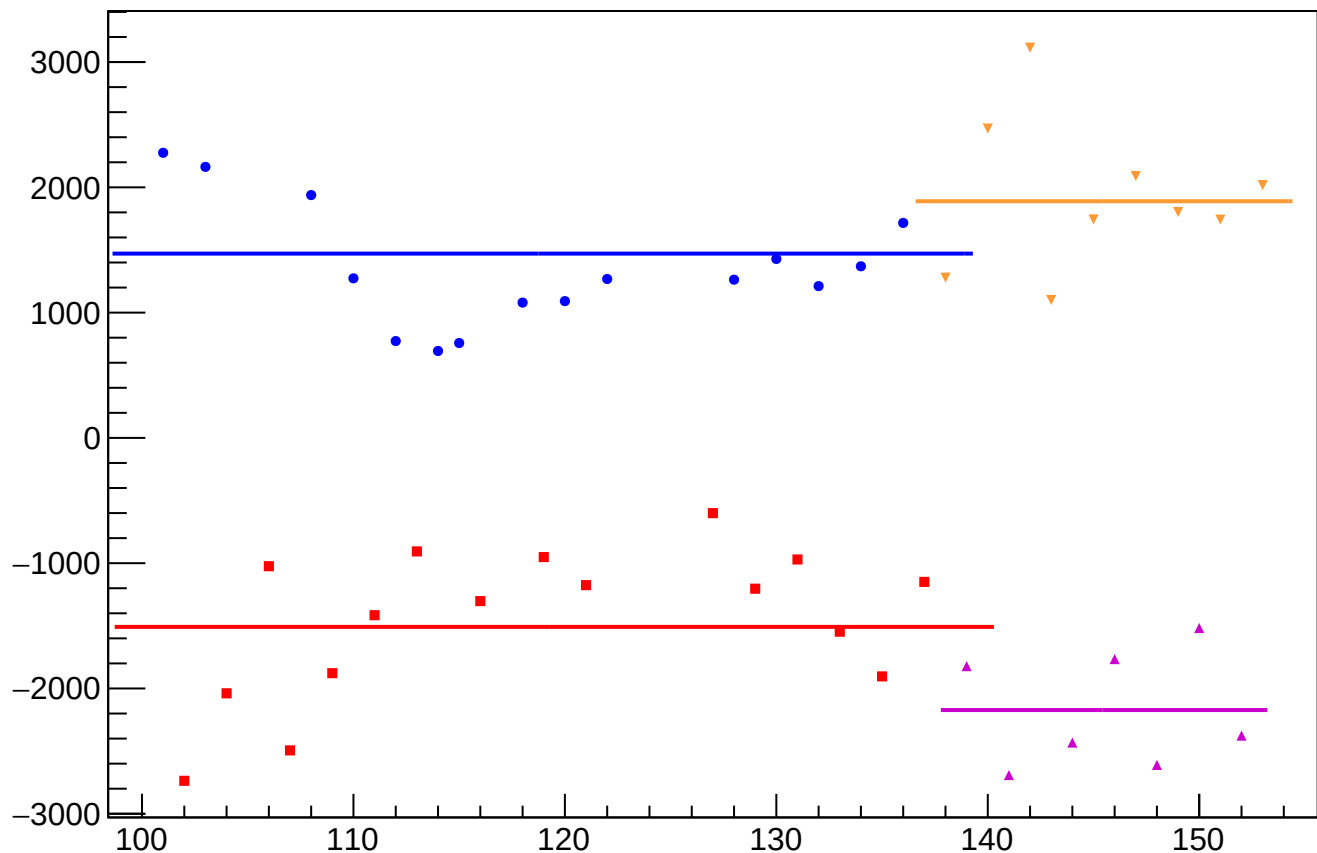
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_atl2_coil4_mean vs Slug, Sign Corrected



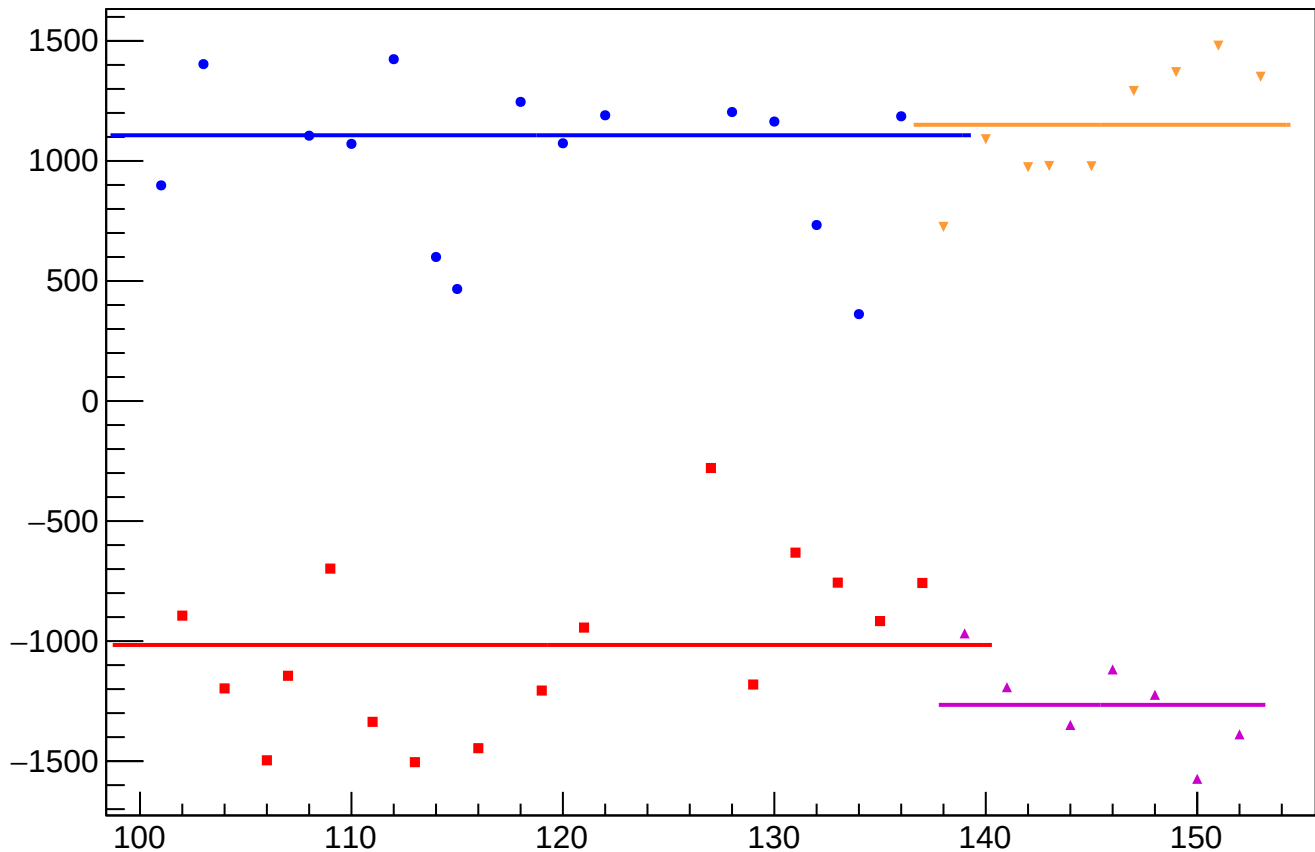
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 27369.012+/-0.000 χ^2/NDF : 61932044193587740423958153132425229631488.0/8
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -33198.909+/-0.000 χ^2/NDF : 8962048153288768508637518986987998019584.0/6
 All: -455.892+/-0.000 χ^2/NDF : 20487522146

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



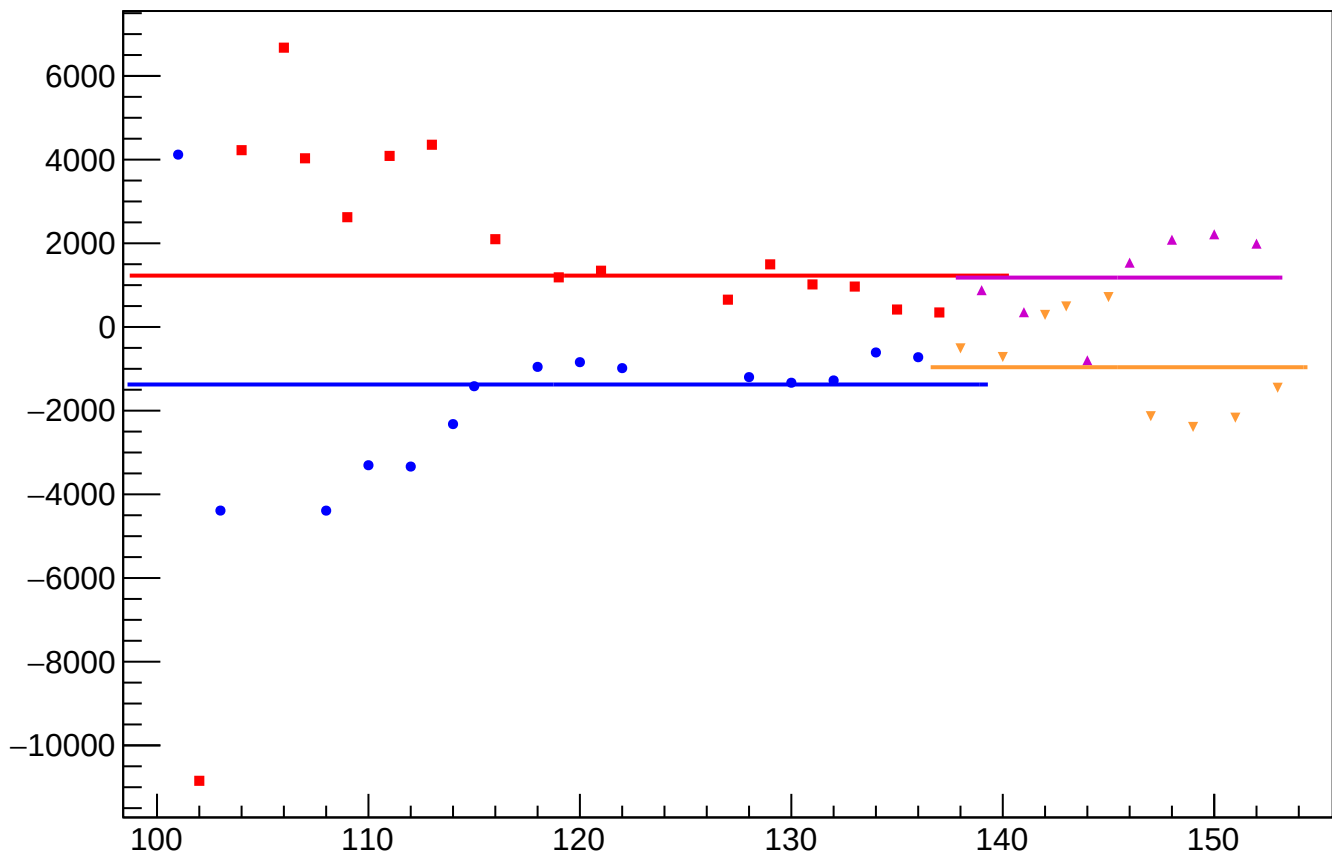
Right In: 1471.095+/-0.000	χ^2/NDF : 139174979420467841073894167956452016128.0/14	Left: -17.743+/-0.000	χ^2/NDF : 5537216576140284
Left Out: 1888.930+/-0.000	χ^2/NDF : 175882646291014424273582827980105711616.0/8	Right: -39.055+/-0.000	χ^2/NDF : 330947344548199
Right Out: -1508.451+/-0.000	χ^2/NDF : 250085163770425050605763446985715613696.0/15	In: -279.127+/-0.000	χ^2/NDF : 4388970740136657
Left In: -2172.283+/-0.000	χ^2/NDF : 111305671494696125437339637253748555776.0/6	Out: 204.132+/-0.000	χ^2/NDF : 4306770840270443
	All: -28.555+/-0.000	χ^2/NDF : 884698450459	

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



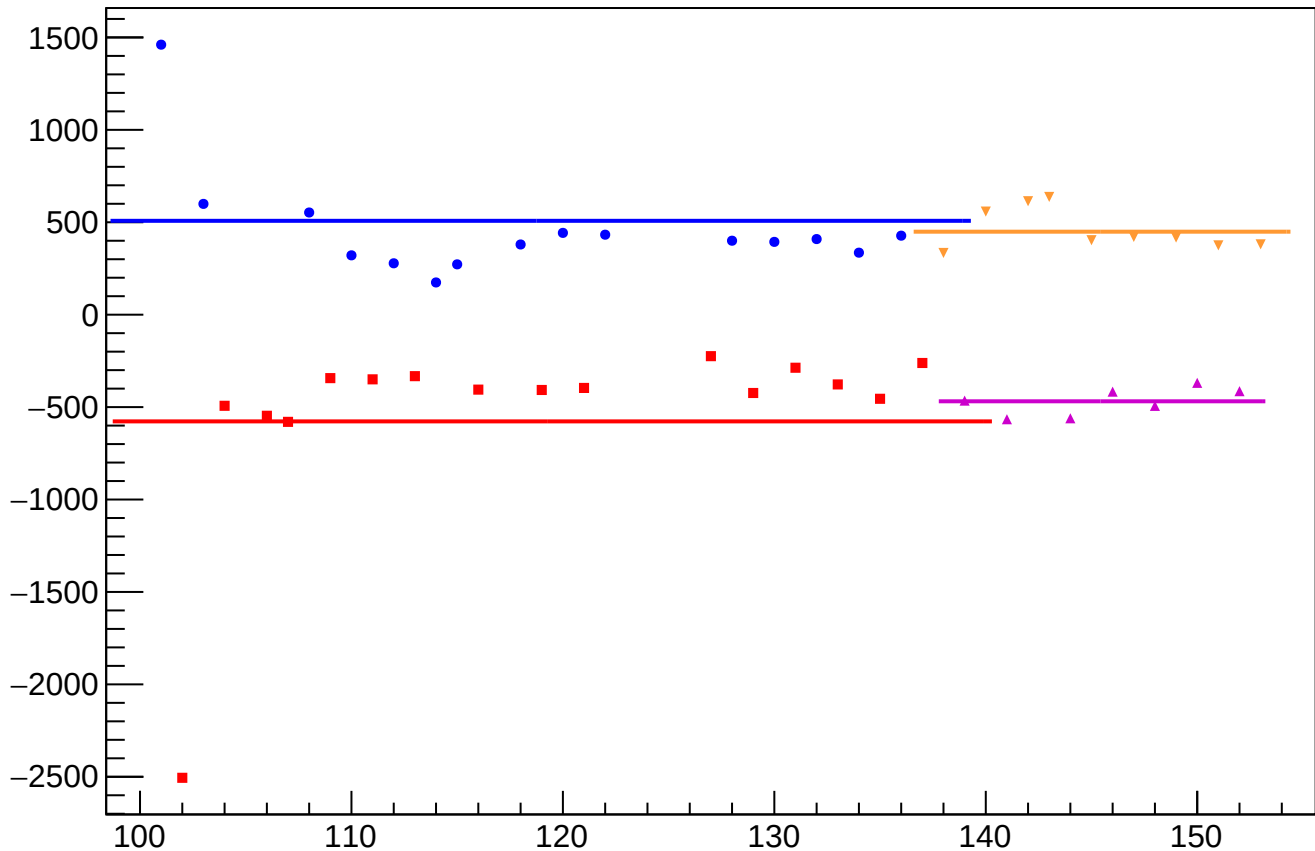
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Left Out: -961.777+/-0.000 χ^2/NDF : 872180924224869811635193350846339350528.0/8
 Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Left In: 1180.345+/-0.000 χ^2/NDF : 647744705045989553316742834975408128000.0/6
 All: -6.530+/-0.000 χ^2/NDF : 1940276024532

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 507.809+/-0.000

χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 449.043+/-0.000

χ^2/NDF : 6760249928075611385992249043654279168.0/8

Right Out: -577.250+/-0.000

χ^2/NDF : 241288780642623391683958641535574081536.0/15

Left In: -468.581+/-0.000

χ^2/NDF : 2999255722463028646304882458298941440.0/6

Left: 18.234+/-0.000 χ^2/NDF : 2777870880761204.0/14

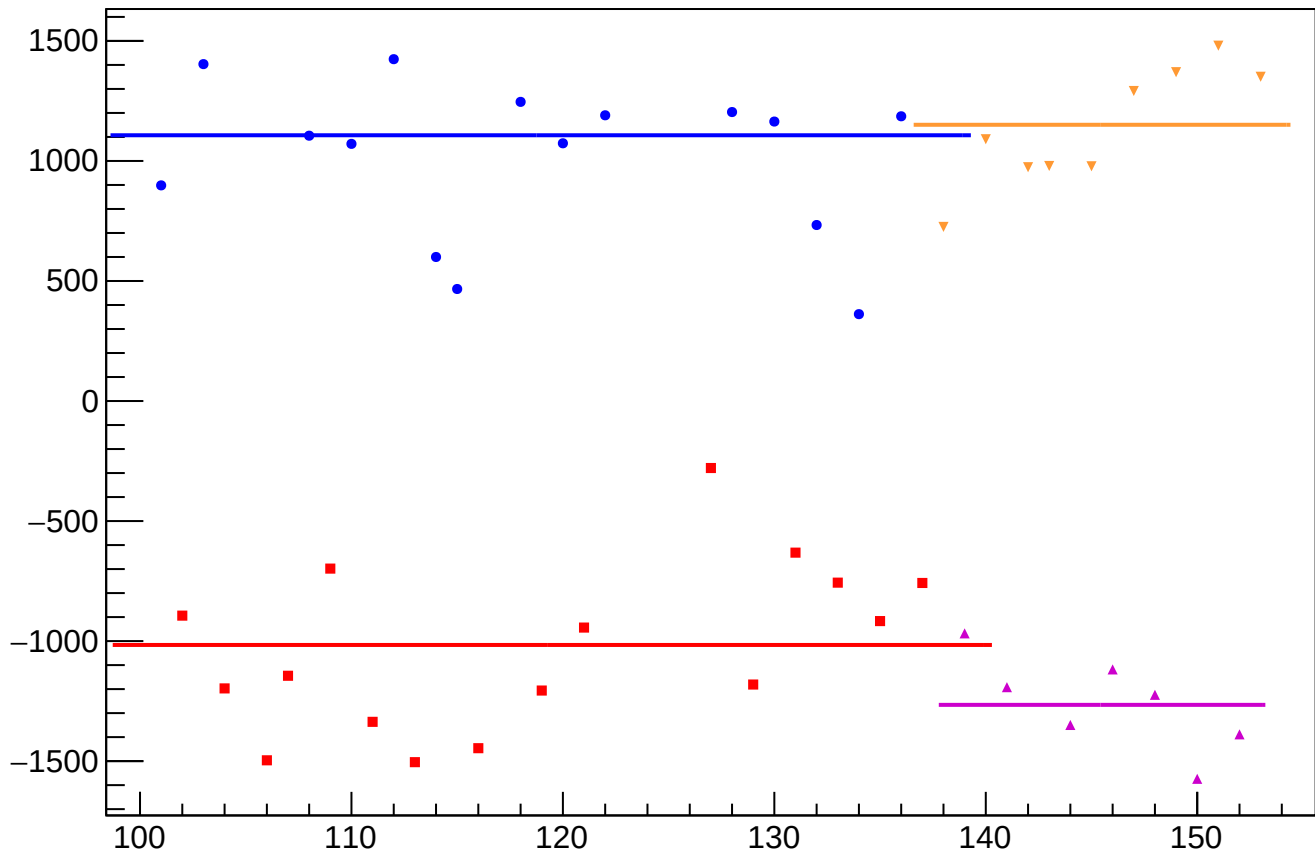
Right: -42.141+/-0.000 χ^2/NDF : 692705775128653.0/14

In: 38.767+/-0.000 χ^2/NDF : 36436074443025606.0/8

Out: -59.907+/-0.000 χ^2/NDF : 6021899980946482.0/6

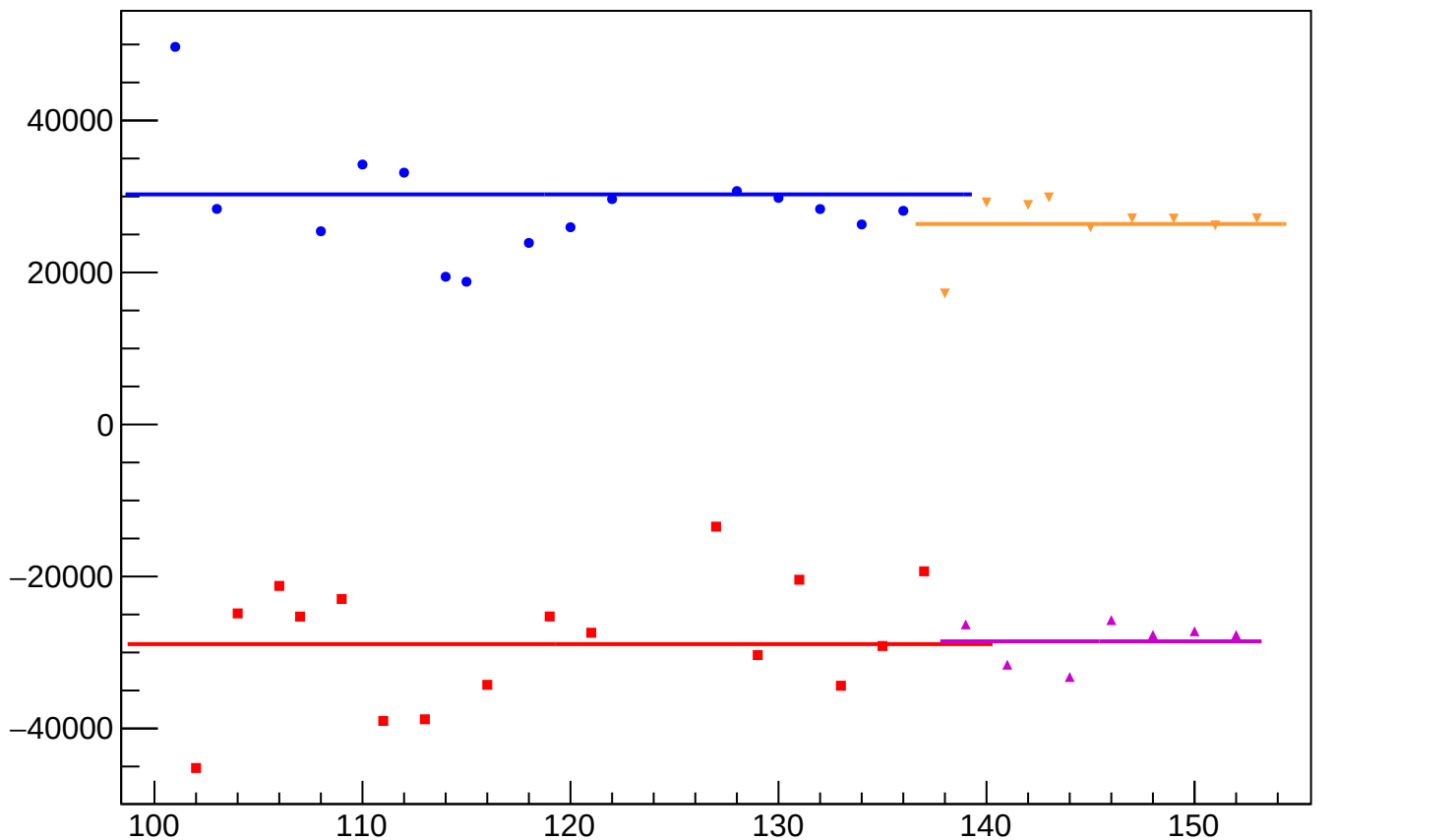
All: -12.396+/-0.000 χ^2/NDF : 972856210216.0/6

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000

χ^2/NDF : 30975974641524142453090022540760519278592.0/14

Left Out: 26381.584+/-0.000

χ^2/NDF : 8432204128247161766062256861443528851456.0/8

Right Out: -28896.318+/-0.000

χ^2/NDF : 46969504058010359146250560228409714147328.0/15

Left In: -28531.677+/-0.000

χ^2/NDF : 4094779453043700134465946461026388017152.0/6

Left: 600.710+/-0.000 χ^2/NDF : 9723796138648825

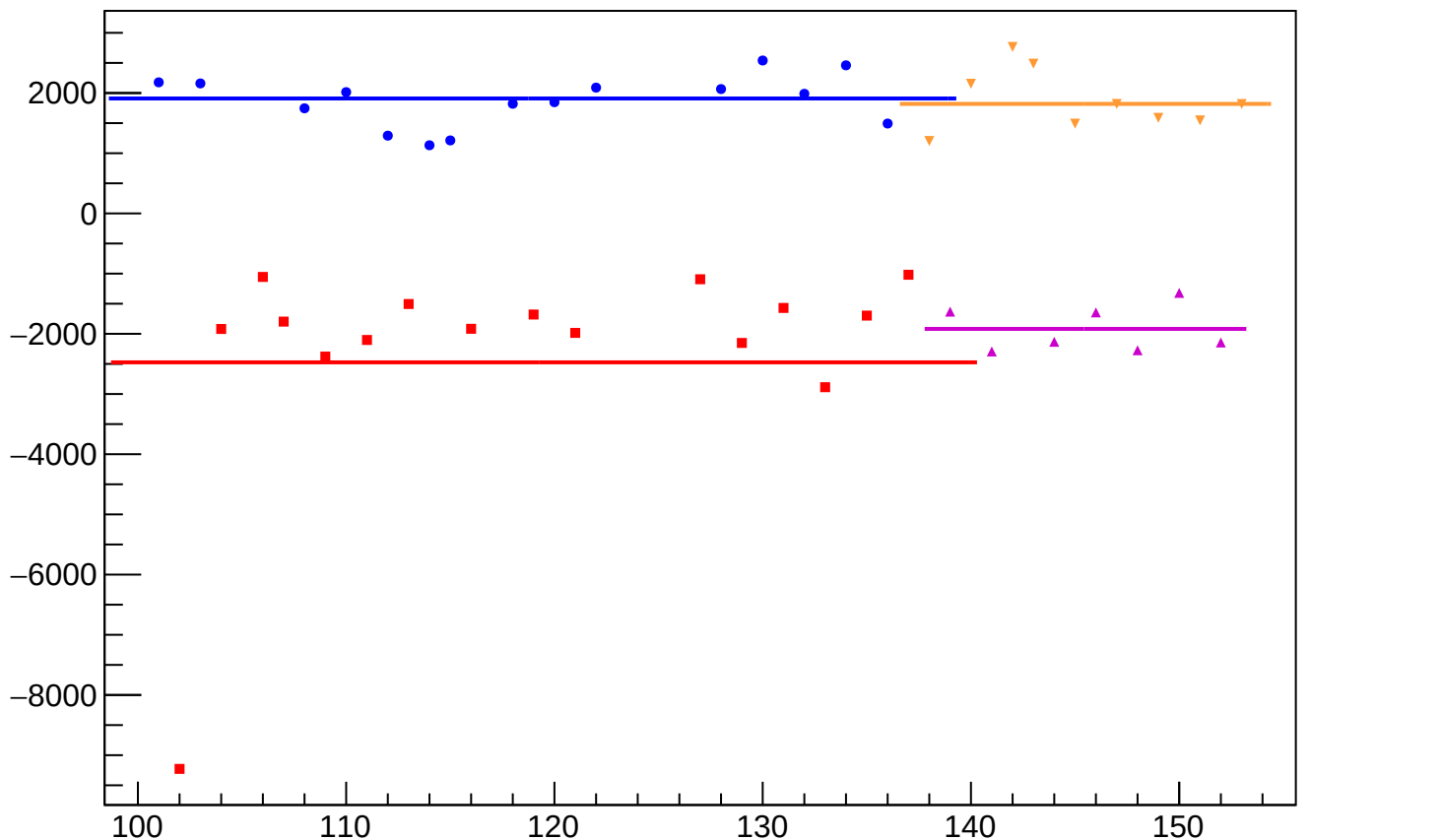
Right: 285.980+/-0.000 χ^2/NDF : 122974265906167

In: 2026.572+/-0.000 χ^2/NDF : 1113336750434647

Out: -1031.324+/-0.000 χ^2/NDF : 10827941074085

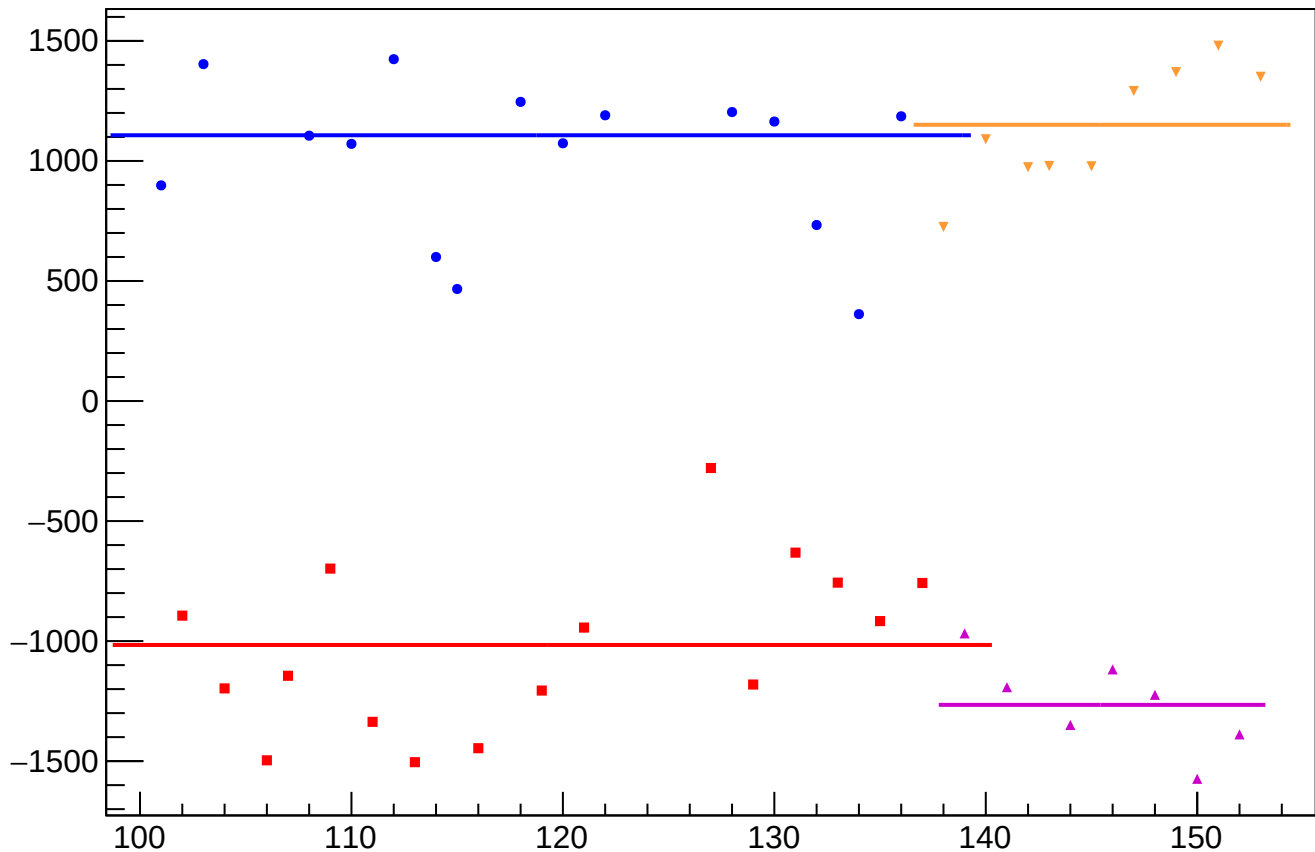
All: 441.040+/-0.000 χ^2/NDF : 220218649634

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



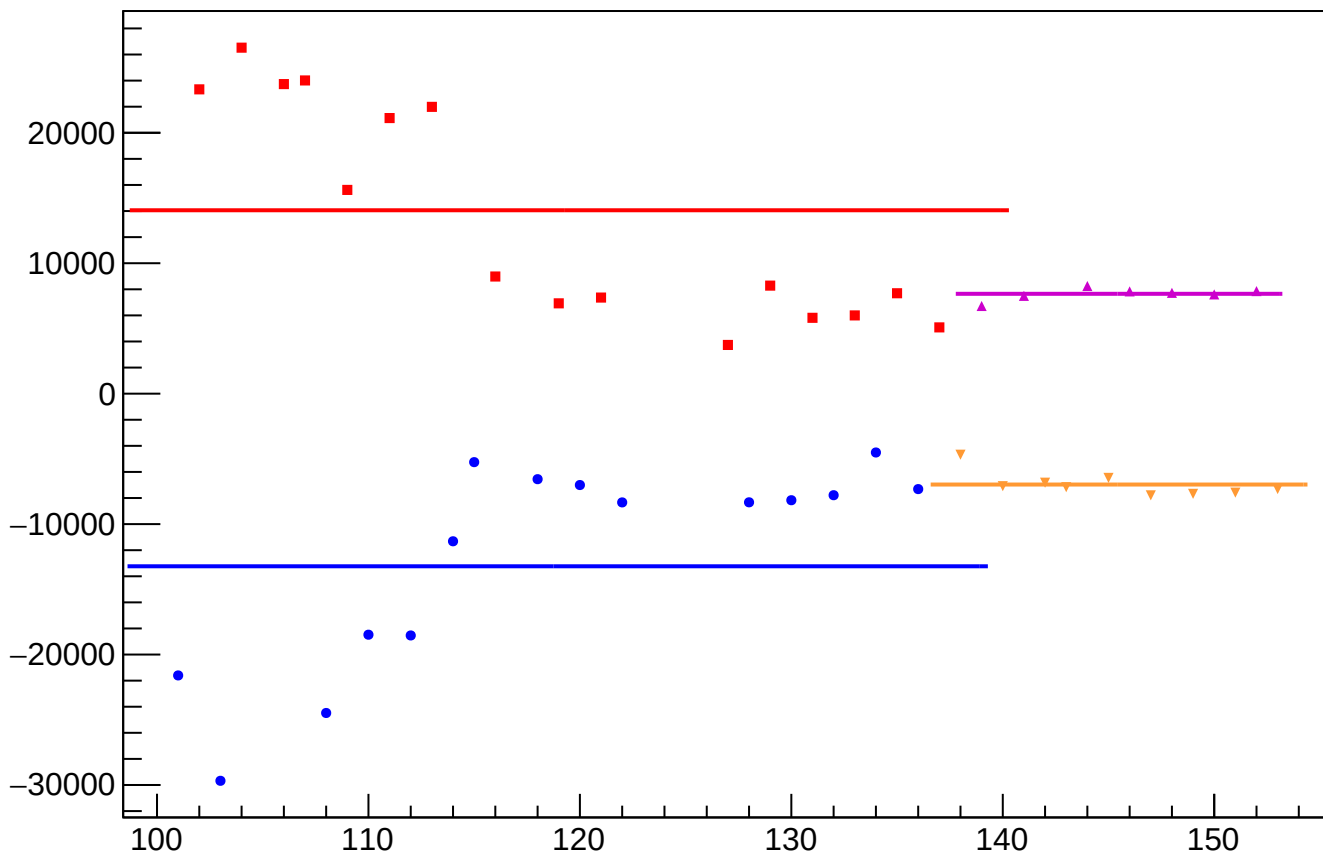
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 1819.523+/-0.000 χ^2/NDF : 128932968493764281396896360664391483392.0/8
 Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: -1918.191+/-0.000 χ^2/NDF : 76478694096265724312866795775049334784.0/6
 All: -126.522+/-0.000 χ^2/NDF : 14186365735

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



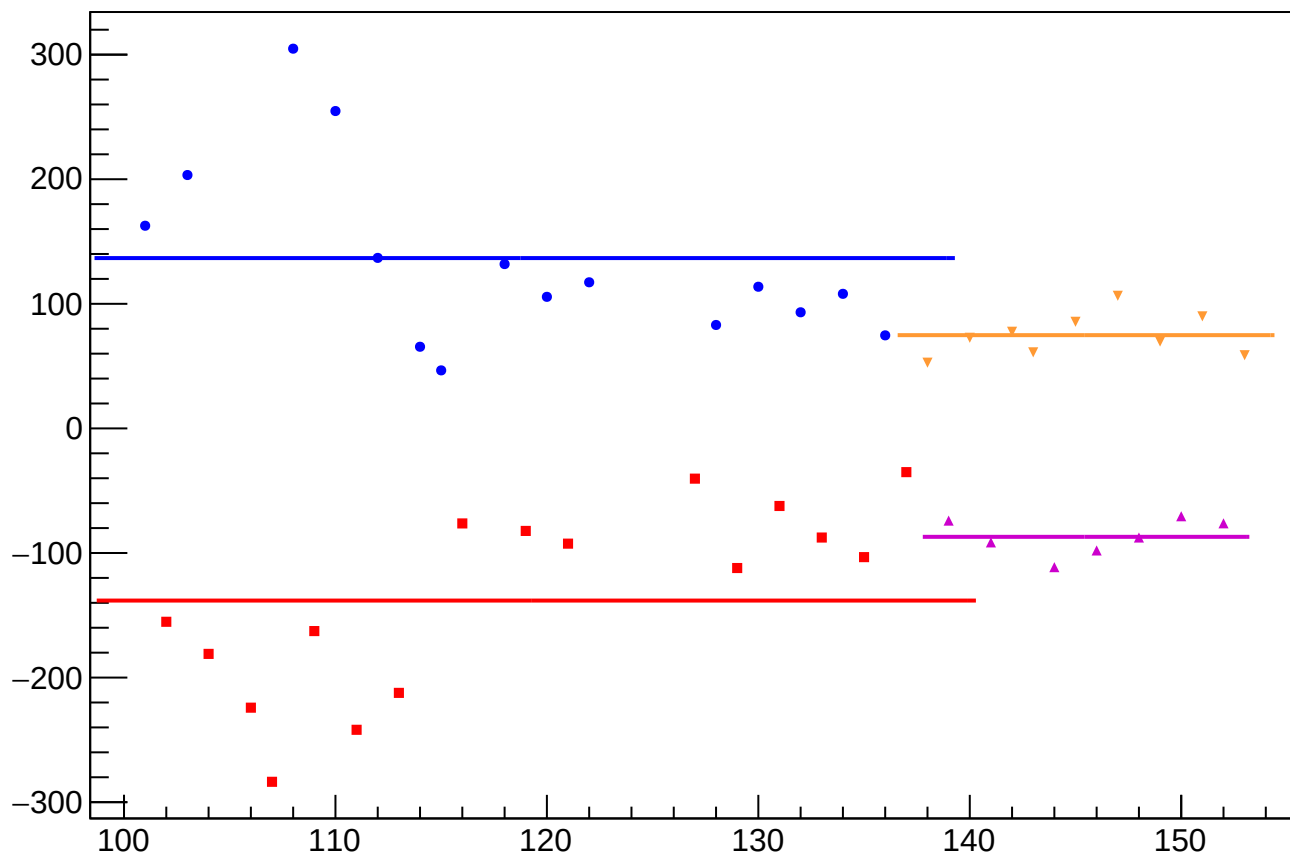
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam1_coil4_mean vs Slug, Sign Corrected



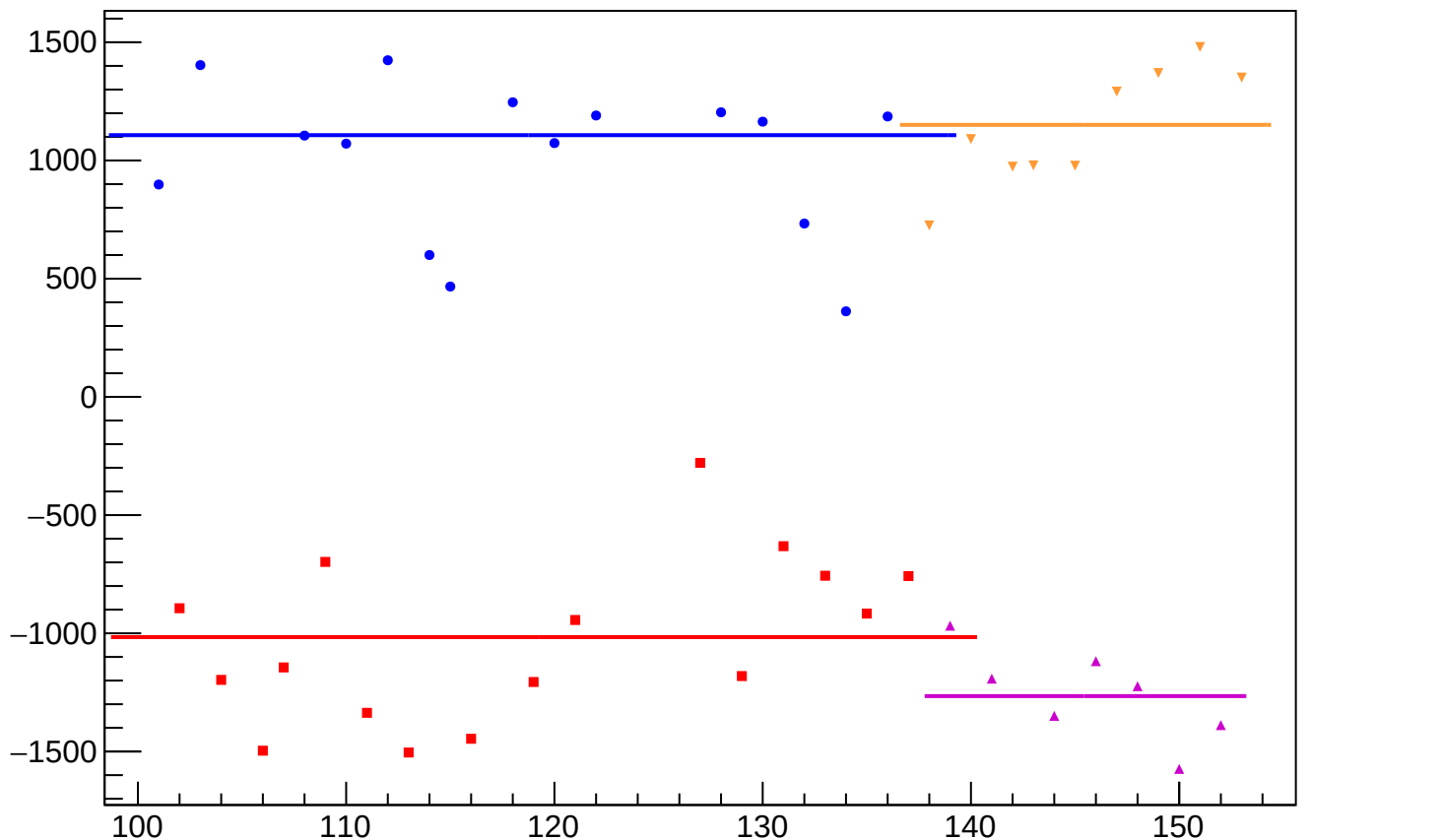
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6966.168+/-0.000 χ^2/NDF : 570221733367003288315589544123975073792.0/8
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7655.135+/-0.000 χ^2/NDF : 111804031616604879066990920954221166592.0/6
 All: 254.299+/-0.000 χ^2/NDF : 399835282004

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



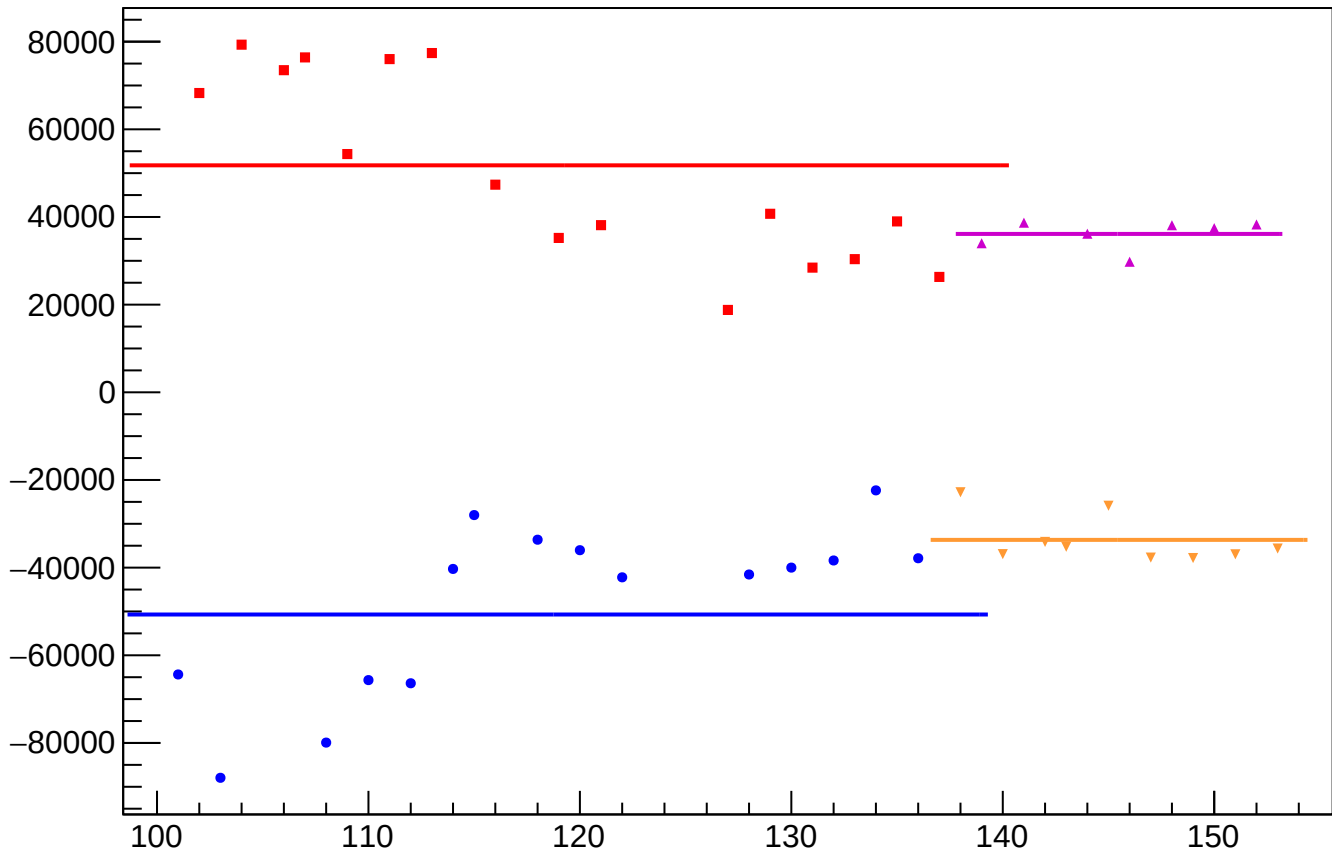
Left: -1.147 ± 0.000 $\chi^2/\text{NDF}: 86341085160309428$
 Right In: 136.711 ± 0.000 $\chi^2/\text{NDF}: 2687065030885227126291764267456659456.0/14$
 Right: -2.614 ± 0.000 $\chi^2/\text{NDF}: 3077400704218916$
 Left Out: 74.849 ± 0.000 $\chi^2/\text{NDF}: 180530141182114119564862980429447168.0/8$
 In: 29.233 ± 0.000 $\chi^2/\text{NDF}: 184063024453642451$
 Right Out: -138.179 ± 0.000 $\chi^2/\text{NDF}: 3230883352878636334641613561898467328.0/15$
 Out: -30.794 ± 0.000 $\chi^2/\text{NDF}: 1866969399690327$
 Left In: -87.022 ± 0.000 $\chi^2/\text{NDF}: 113185395891097300282832611195224064.0/6$
 All: -1.891 ± 0.000 $\chi^2/\text{NDF}: 3940951109164$

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -33668.306+/-0.000

Right Out: 51783.912+/-0.000

Left In: 36133.560+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

χ^2/NDF : 19048429281419404743669413192236512837632.0/8

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 5163249107686454516651901877009598382080.0/6

Left: -897.477+/-0.000 χ^2/NDF : 157511297078837

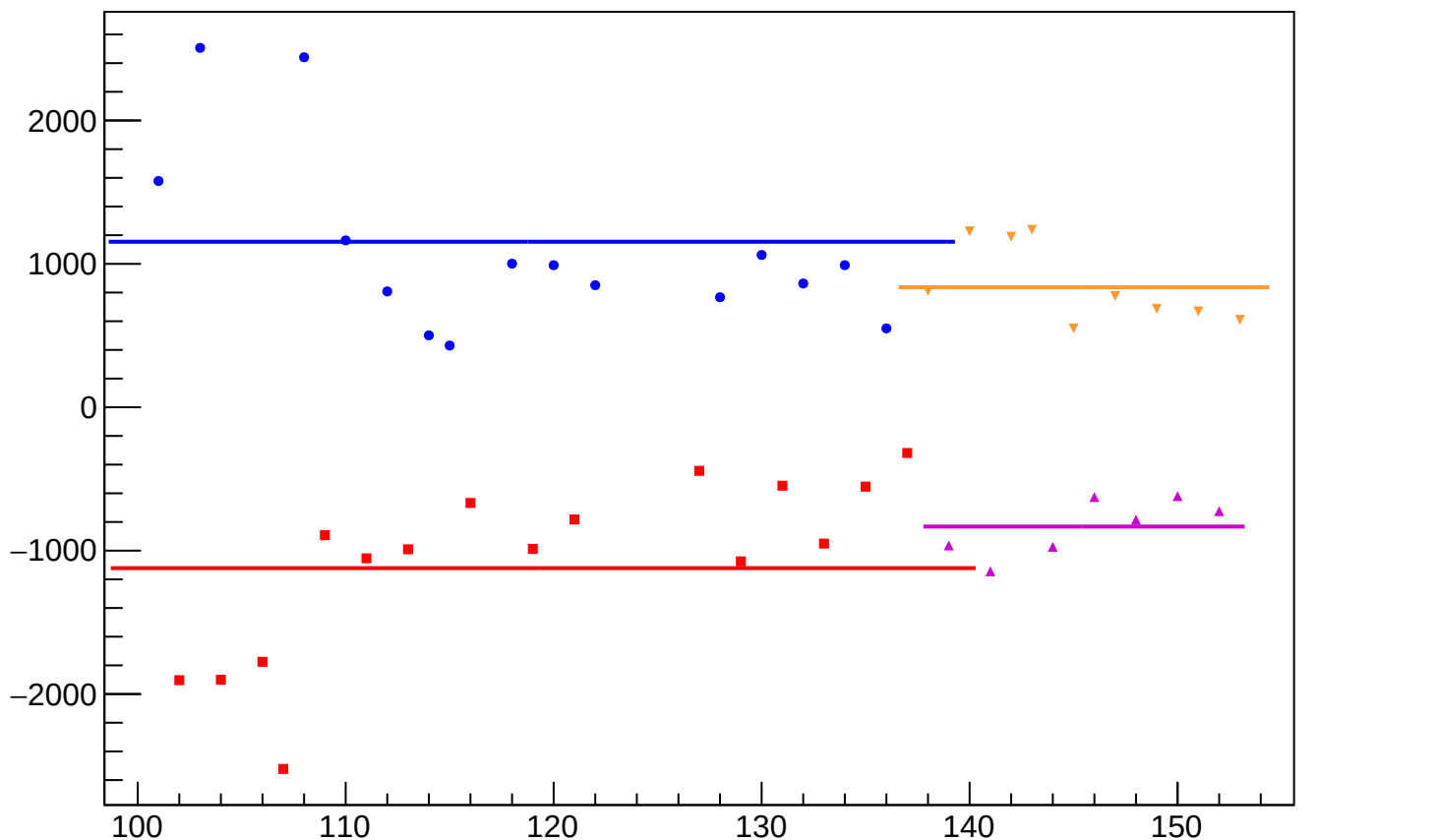
Right: 1245.090+/-0.000 χ^2/NDF : 39629195371379

In: -8984.143+/-0.000 χ^2/NDF : 258229143693688

Out: 8708.370+/-0.000 χ^2/NDF : 275599874072366

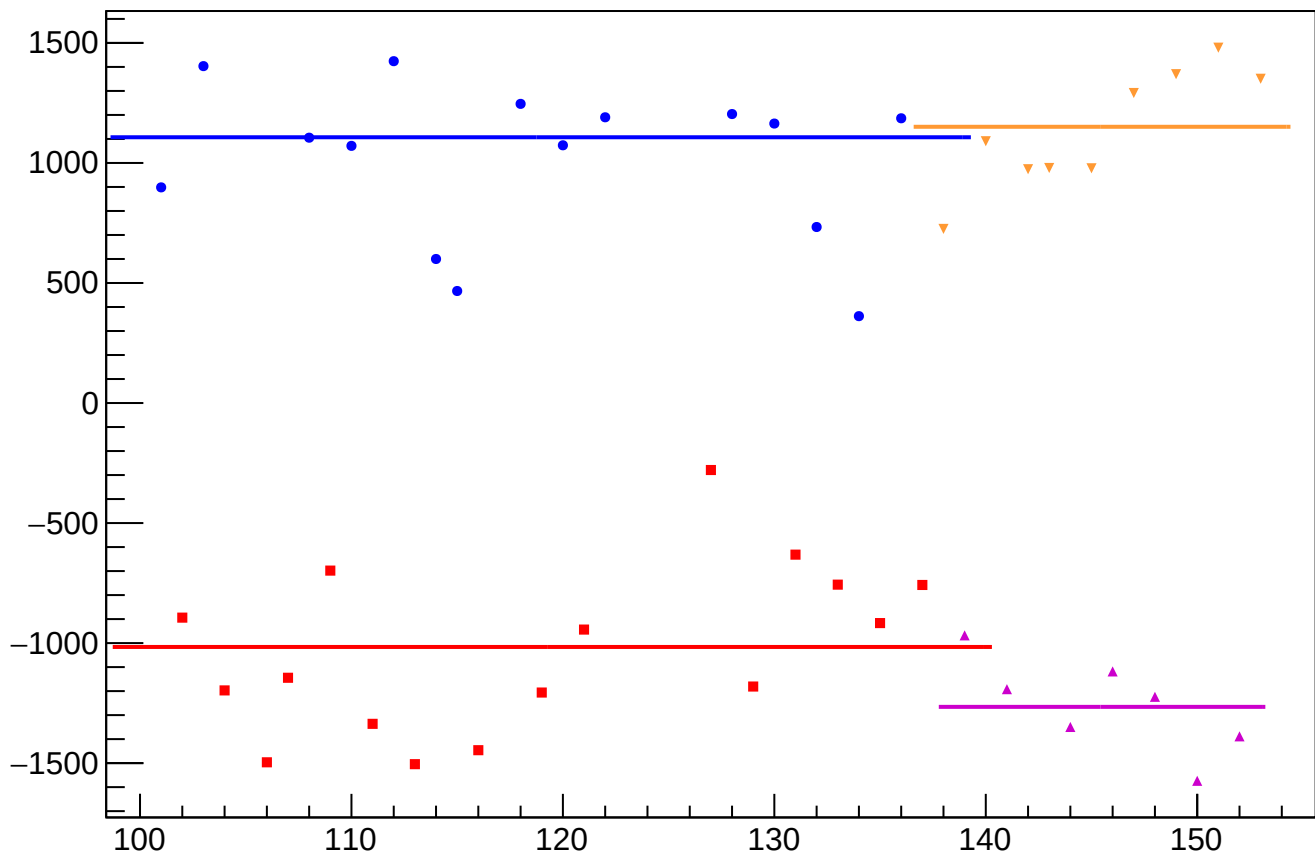
All: 189.500+/-0.000 χ^2/NDF : 554100886913

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



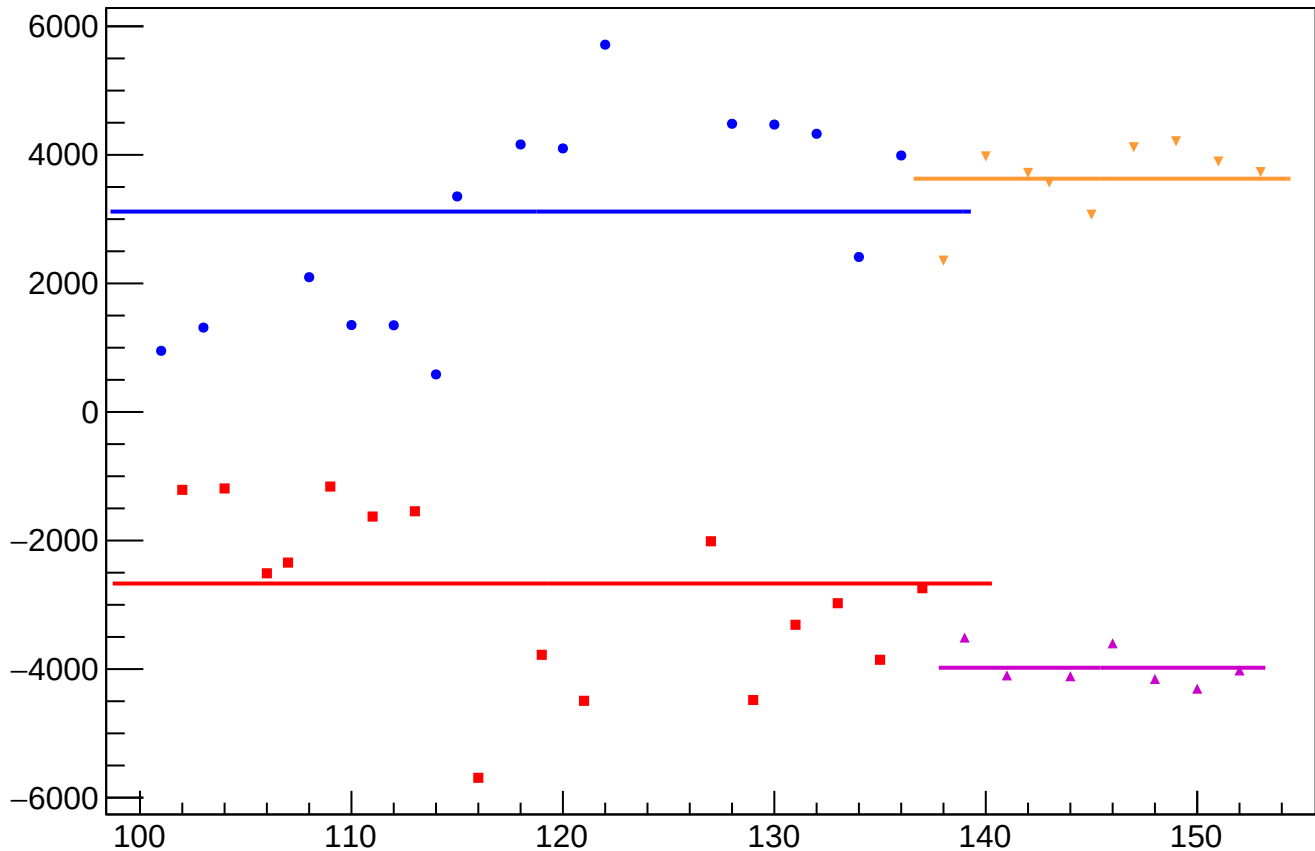
Left: 53.531+/-0.000 χ^2/NDF : 95127343458252420
 Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Right: 0.631+/-0.000 χ^2/NDF : 21797856278979973
 Left Out: 837.057+/-0.000 χ^2/NDF : 44441847494847870555426585559552753664.0/8
 In: 200.199+/-0.000 χ^2/NDF : 14994337659604742
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Out: -134.428+/-0.000 χ^2/NDF : 156092318288405
 Left In: -831.854+/-0.000 χ^2/NDF : 20255392862358062120504818298133676032.0/6
 All: 26.693+/-0.000 χ^2/NDF : 3132873419976

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914+/-0.000

χ^2/NDF : 1552738593335565674554918493159210090496.0/14

Left Out: 3629.425+/-0.000

χ^2/NDF : 216131883346739801352082403973505482752.0/8

Right Out: -2668.794+/-0.000

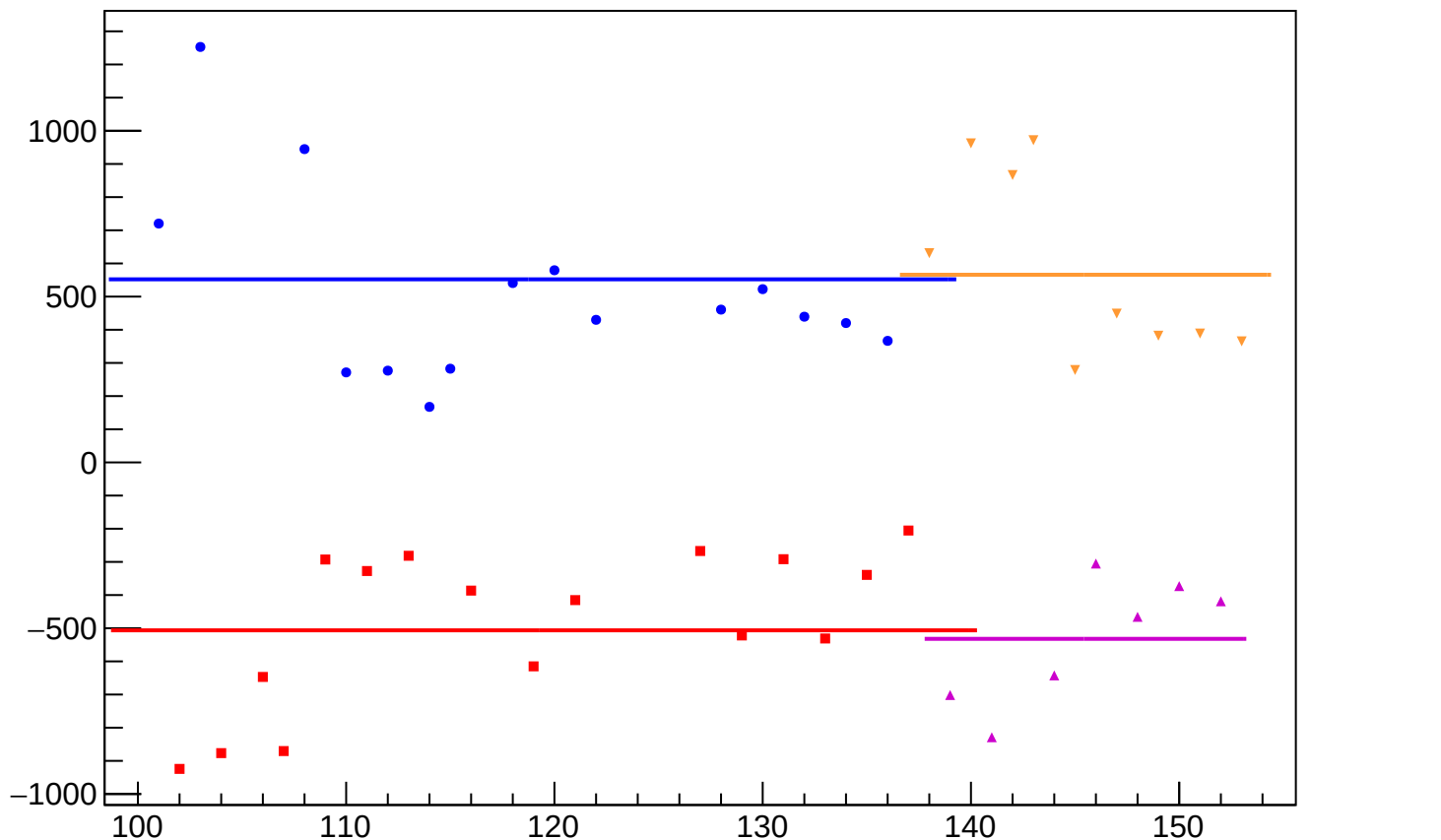
χ^2/NDF : 1136406286131098596000054422131257114624.0/15

Left In: -3979.089+/-0.000

χ^2/NDF : 44972202994373423741073686807139319808.0/6

All: 122.104+/-0.000 χ^2/NDF : 324024352676

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 552.108 $\pm$ 0.000

χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 565.917 $\pm$ 0.000

χ^2/NDF : 44831513453581912354830818423284432896.0/8

Right Out: -506.345 $\pm$ 0.000

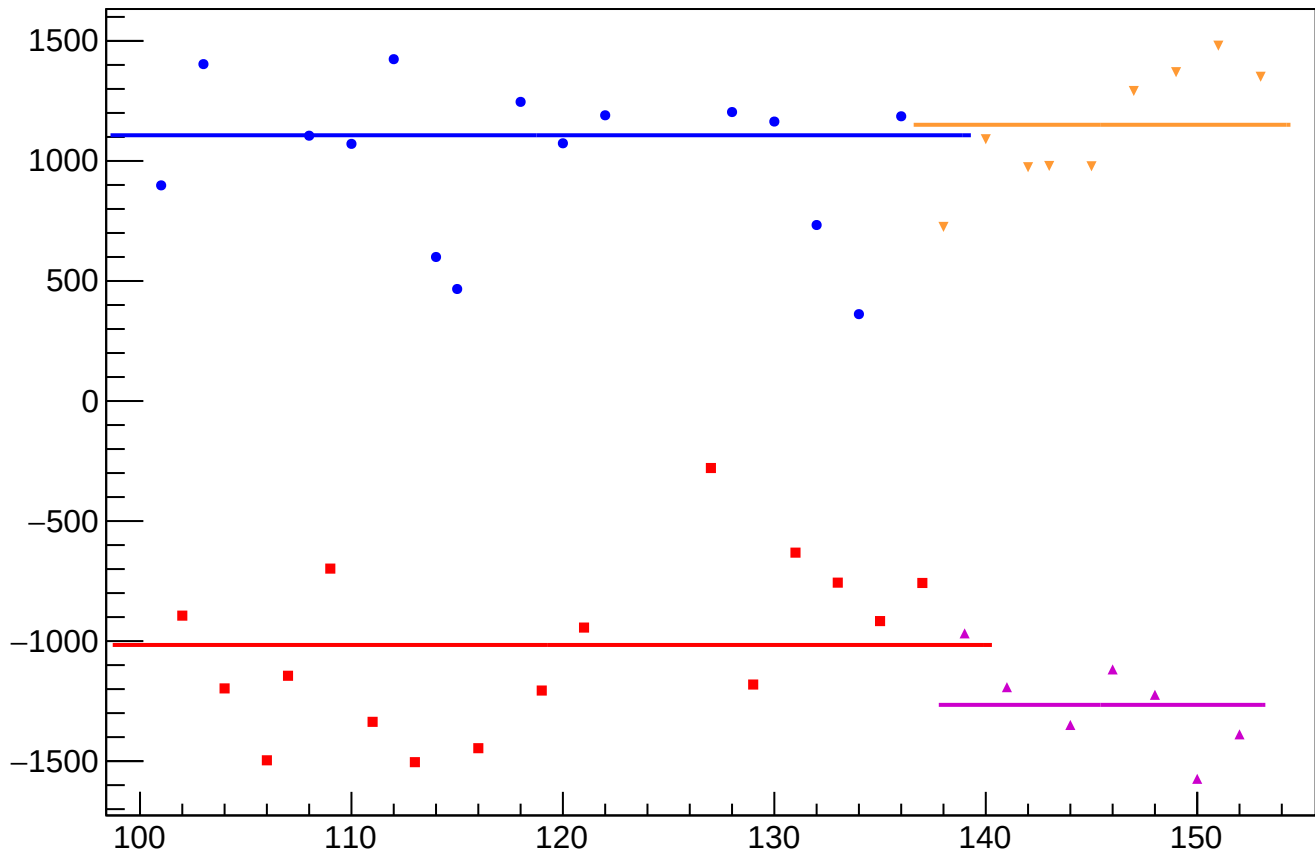
χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: -532.029 $\pm$ 0.000

χ^2/NDF : 18956423511323354785097574582652502016.0/6

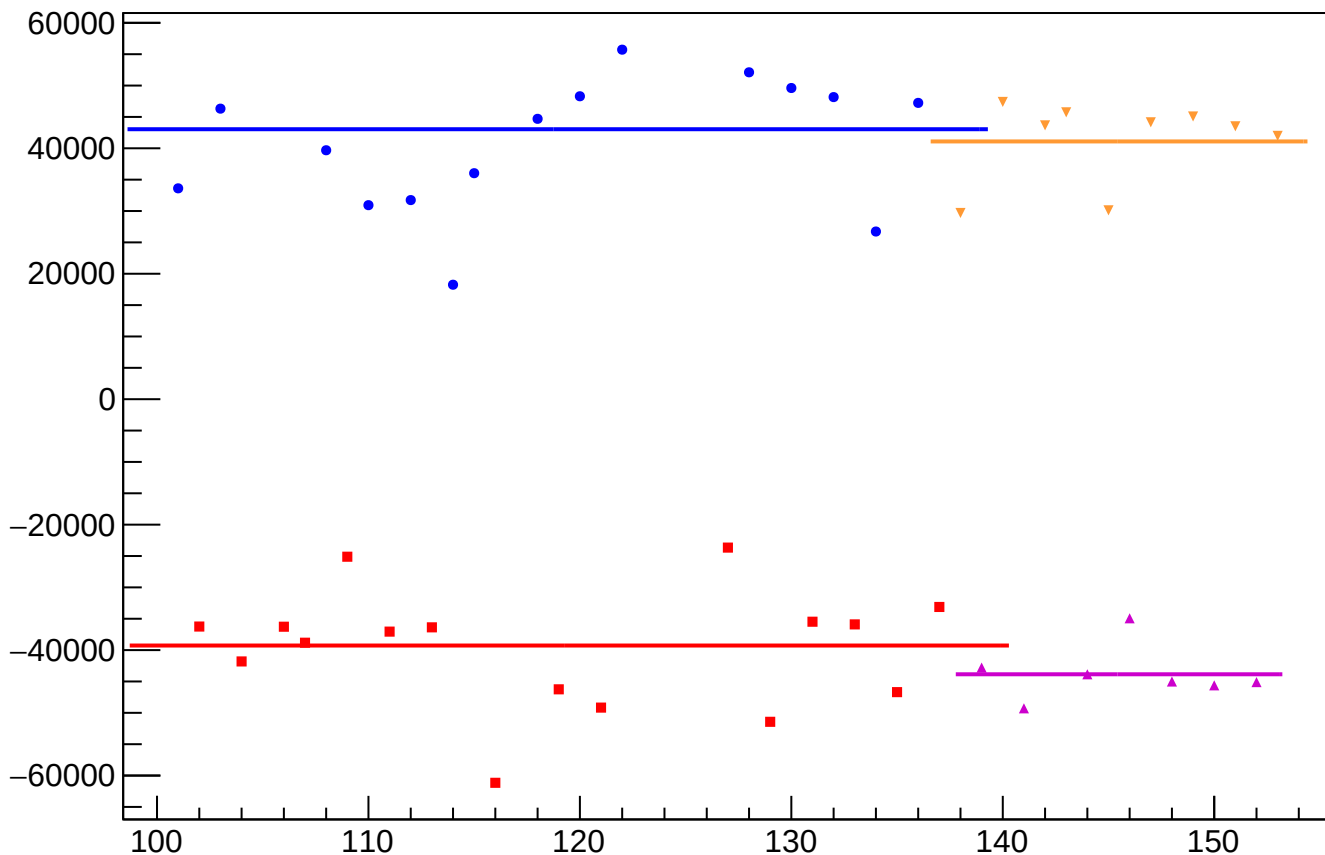
All: 32.791 $\pm$ 0.000 χ^2/NDF : 9047294023969

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



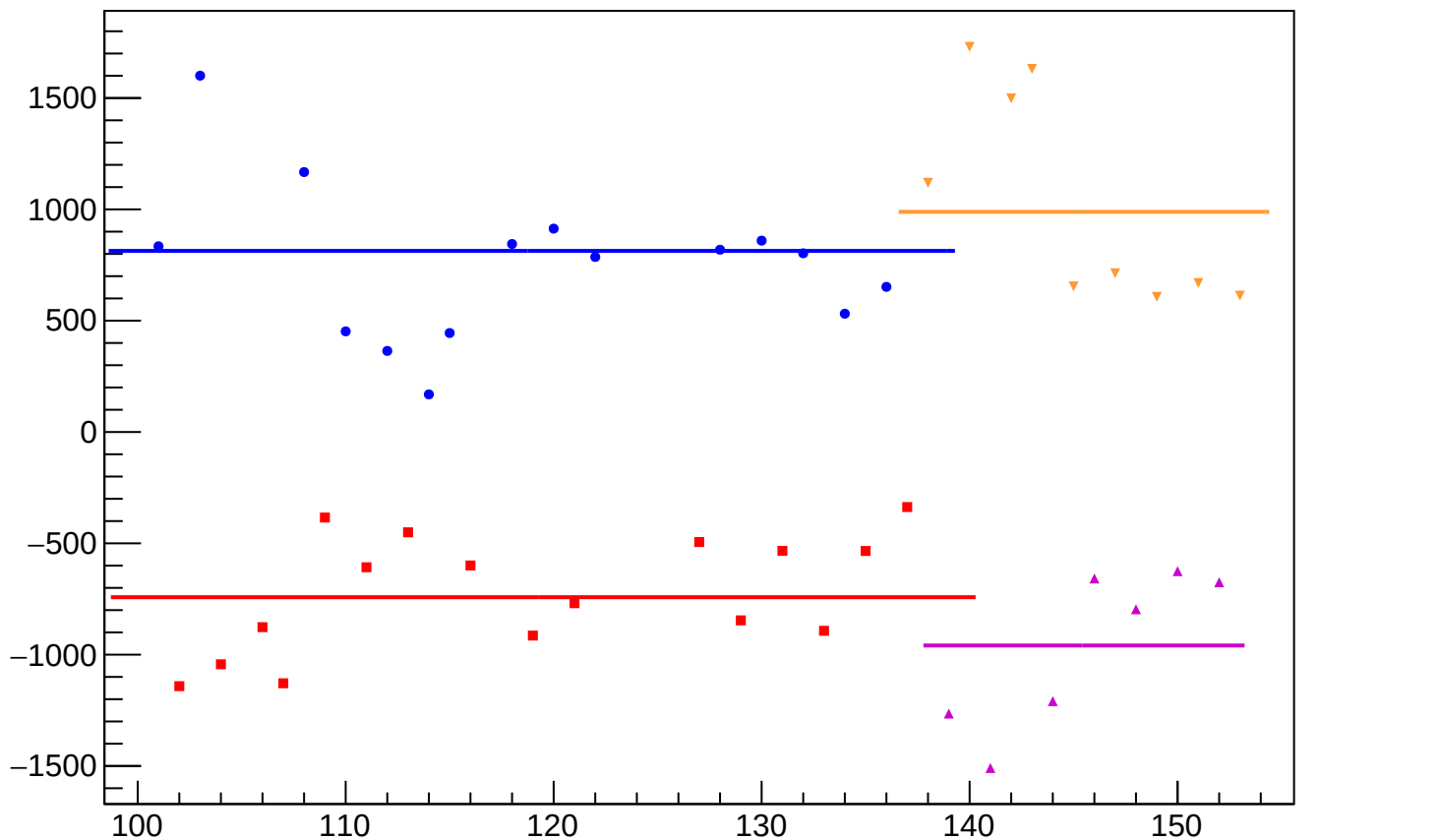
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam4_coil4_mean vs Slug, Sign Corrected



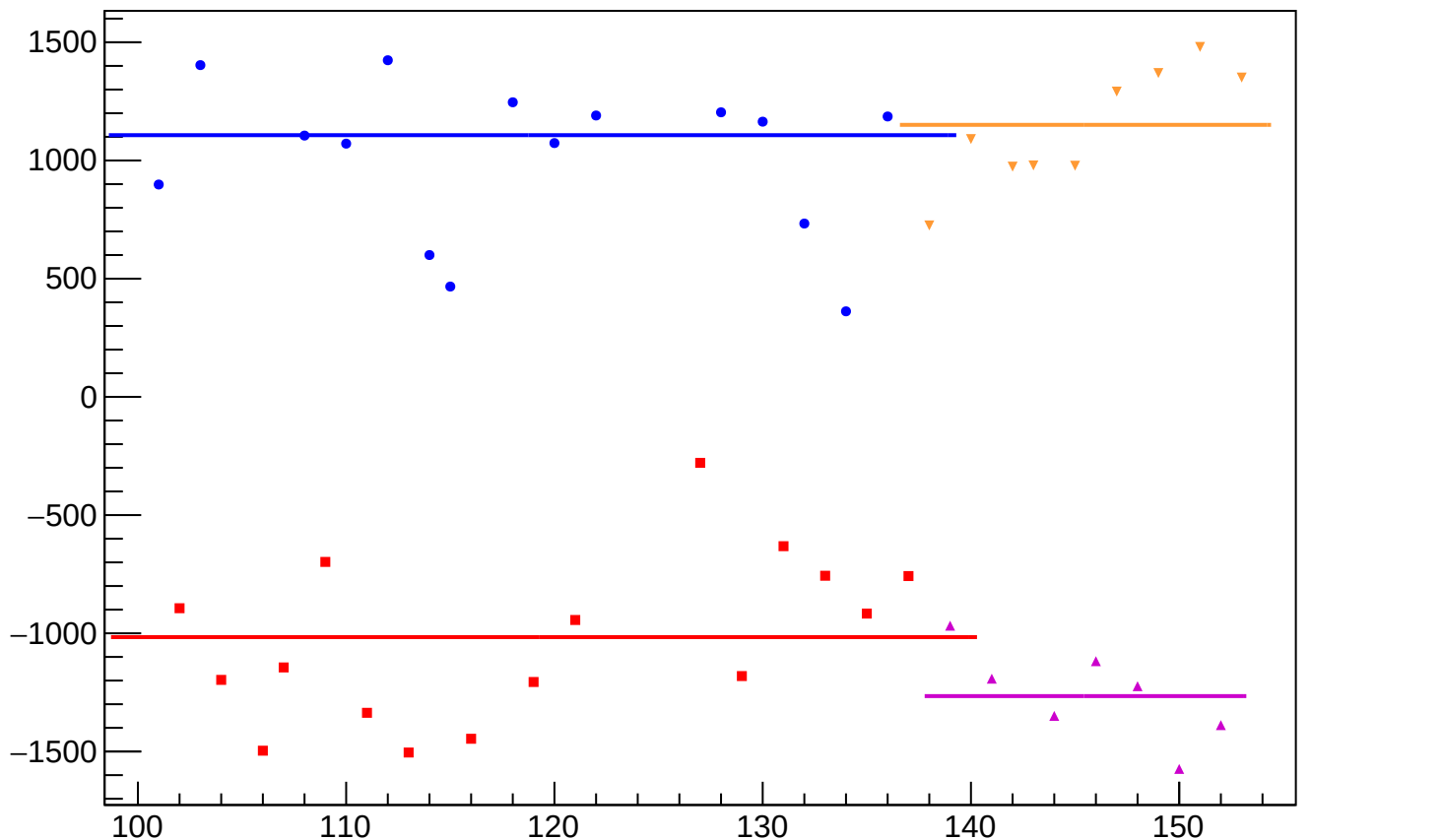
Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 41092.435+/-0.000 χ^2/NDF : 27483082586795013927050134103138341224448.0/8
 Right Out: -39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: -43853.165+/-0.000 χ^2/NDF : 9738467193820754264716514095381941846016.0/6
 All: 1267.866+/-0.000 χ^2/NDF : 46628582921

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



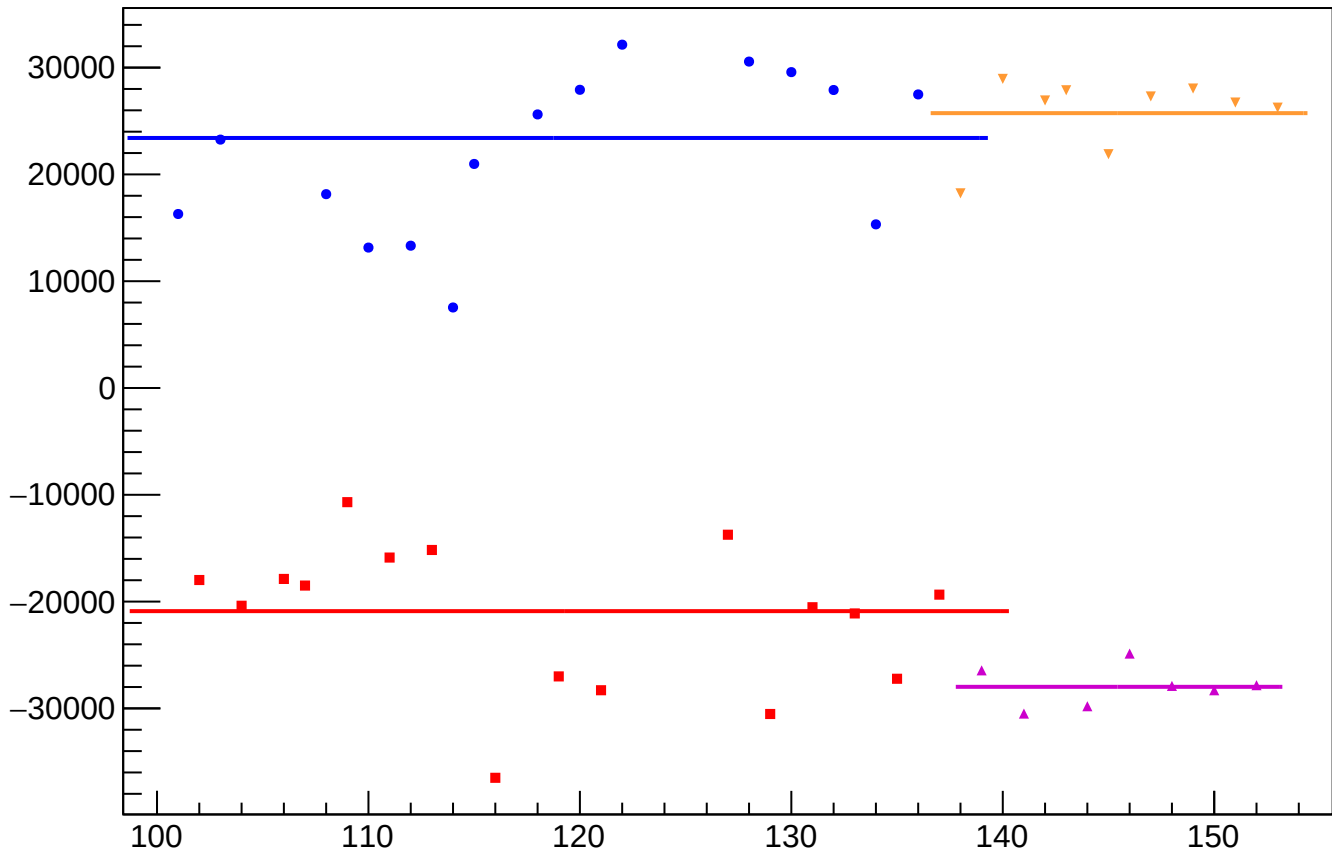
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14
 Left Out: 988.982 $\pm$ 0.000 χ^2 /NDF: 133092726160287026721655507095451074560.0/8
 Right Out: -741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15
 Left In: -958.858 $\pm$ 0.000 χ^2 /NDF: 65778139407123058278729765030796984320.0/6
 All: 49.469 $\pm$ 0.000 χ^2 /NDF: 2315140760872

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



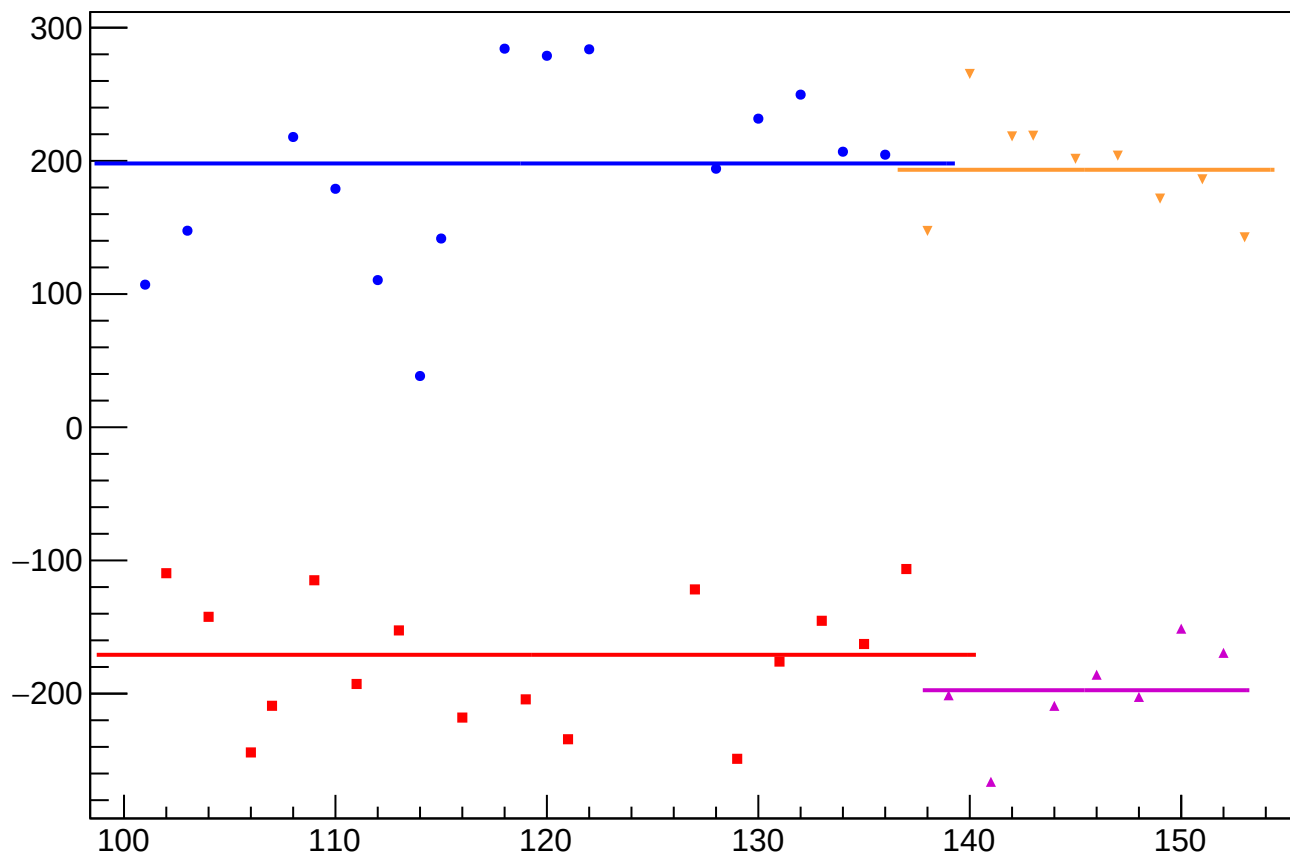
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam5_coil4_mean vs Slug, Sign Corrected



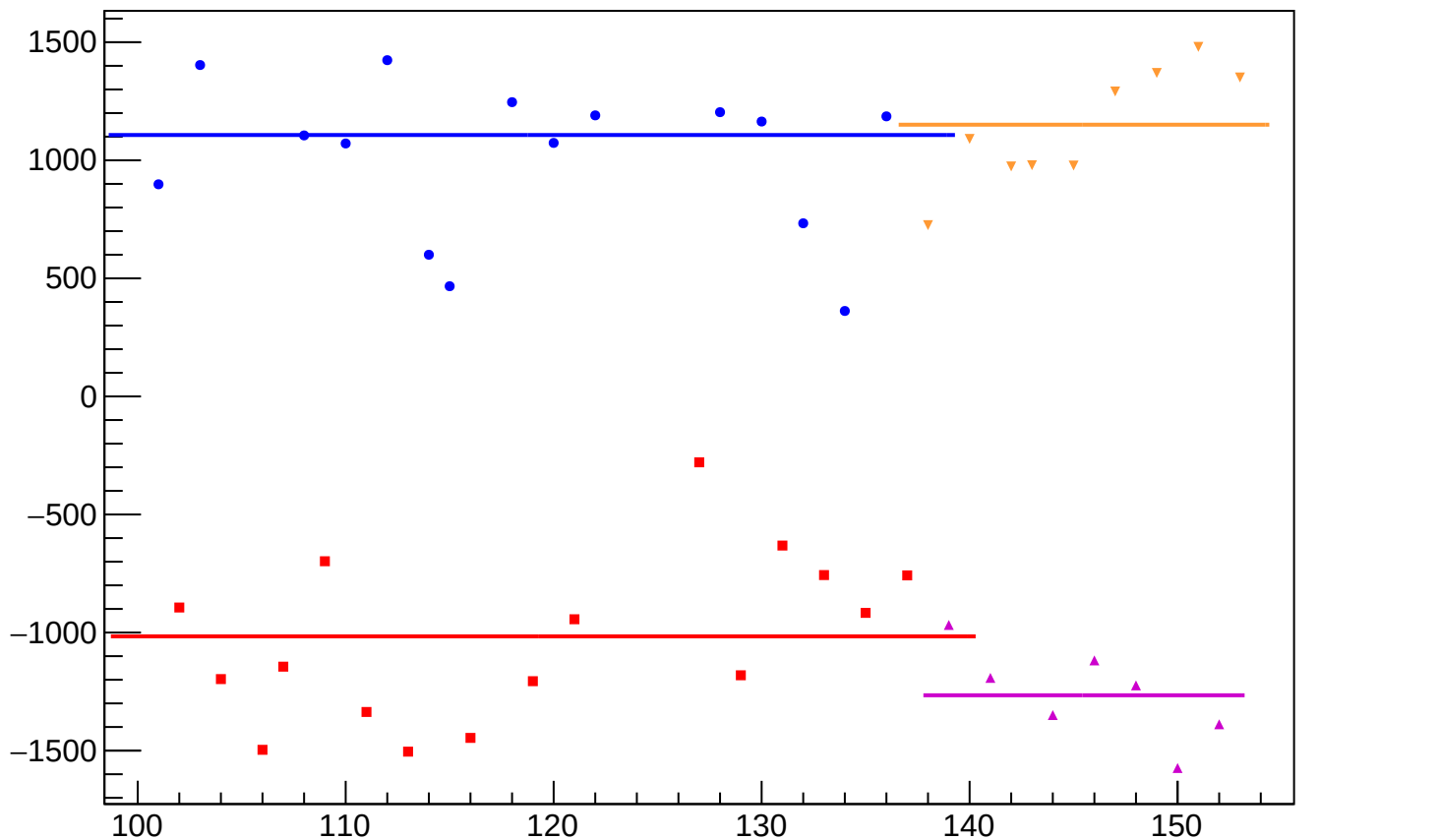
Right In: 23411.506 $\pm$ 0.000 χ^2 /NDF: 28427457471780319352885746571315708428288.0/14
 Left Out: 25736.080 $\pm$ 0.000 χ^2 /NDF: 7545888191869792033291310557435724300288.0/8
 Right Out: -20894.122 $\pm$ 0.000 χ^2 /NDF: 27408965804578649107002909409987218374656.0/15
 Left In: -27980.901 $\pm$ 0.000 χ^2 /NDF: 1836444892416945213794714168748025053184.0/6
 All: 739.480 $\pm$ 0.000 χ^2 /NDF: 162953368330

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



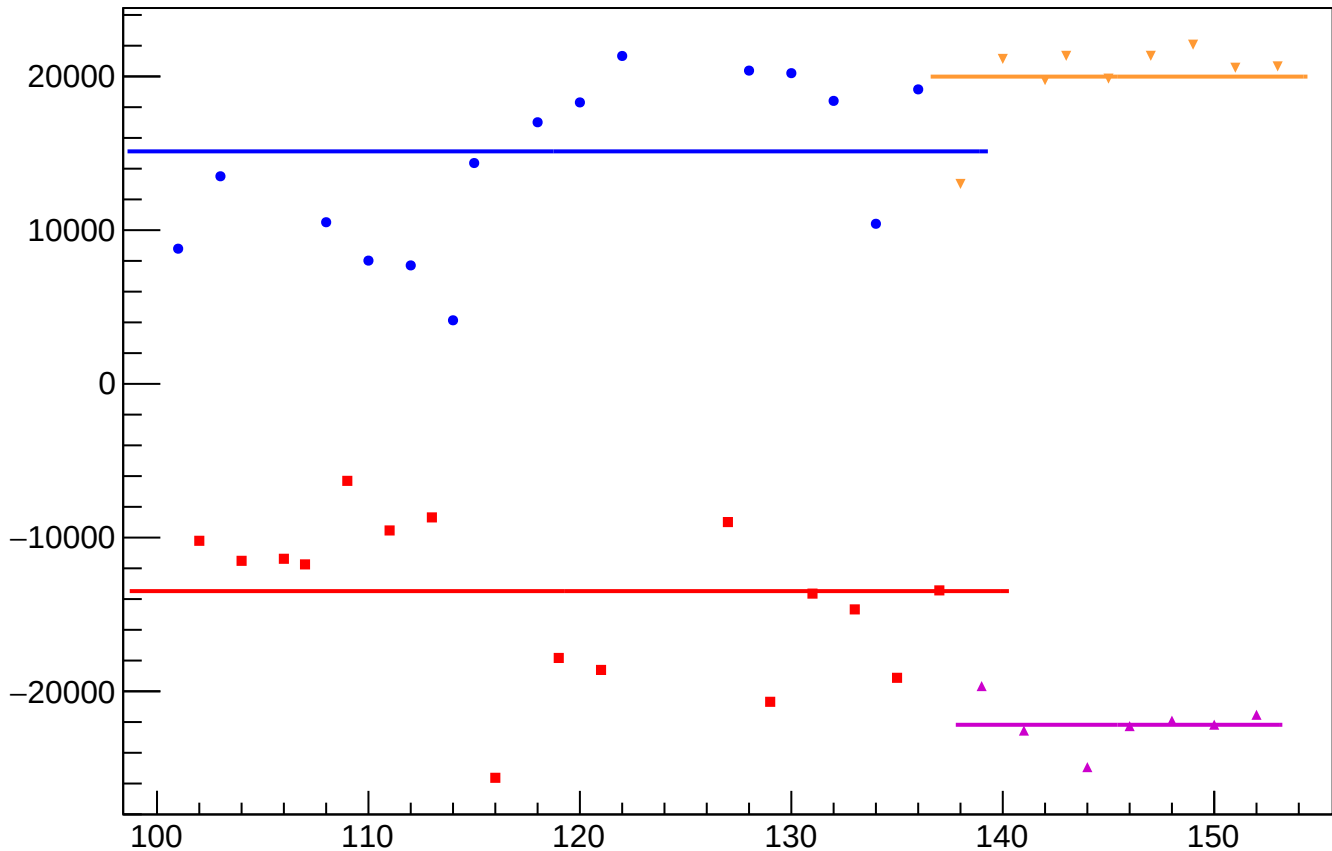
Right In: 198.056 $\pm$ 0.000 χ^2 /NDF: 2482928792293864415922382990034862080.0/14
 Left Out: 193.313 $\pm$ 0.000 χ^2 /NDF: 937903358678178262025527530281238528.0/8
 Right Out: -170.851 $\pm$ 0.000 χ^2 /NDF: 1418314816915016425155520631536615424.0/15
 Left In: -197.447 $\pm$ 0.000 χ^2 /NDF: 691574684984258290152950561987624960.0/6
 All: 10.477 $\pm$ 0.000 χ^2 /NDF: 9890164464290

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834 +/- 0.000

Left: 192.193 +/- 0.000 χ^2/NDF : 571843584680194

Left Out: 19989.268 +/- 0.000

Right: 626.147 +/- 0.000 χ^2/NDF : 301736371959472

Right Out: -13482.244 +/- 0.000

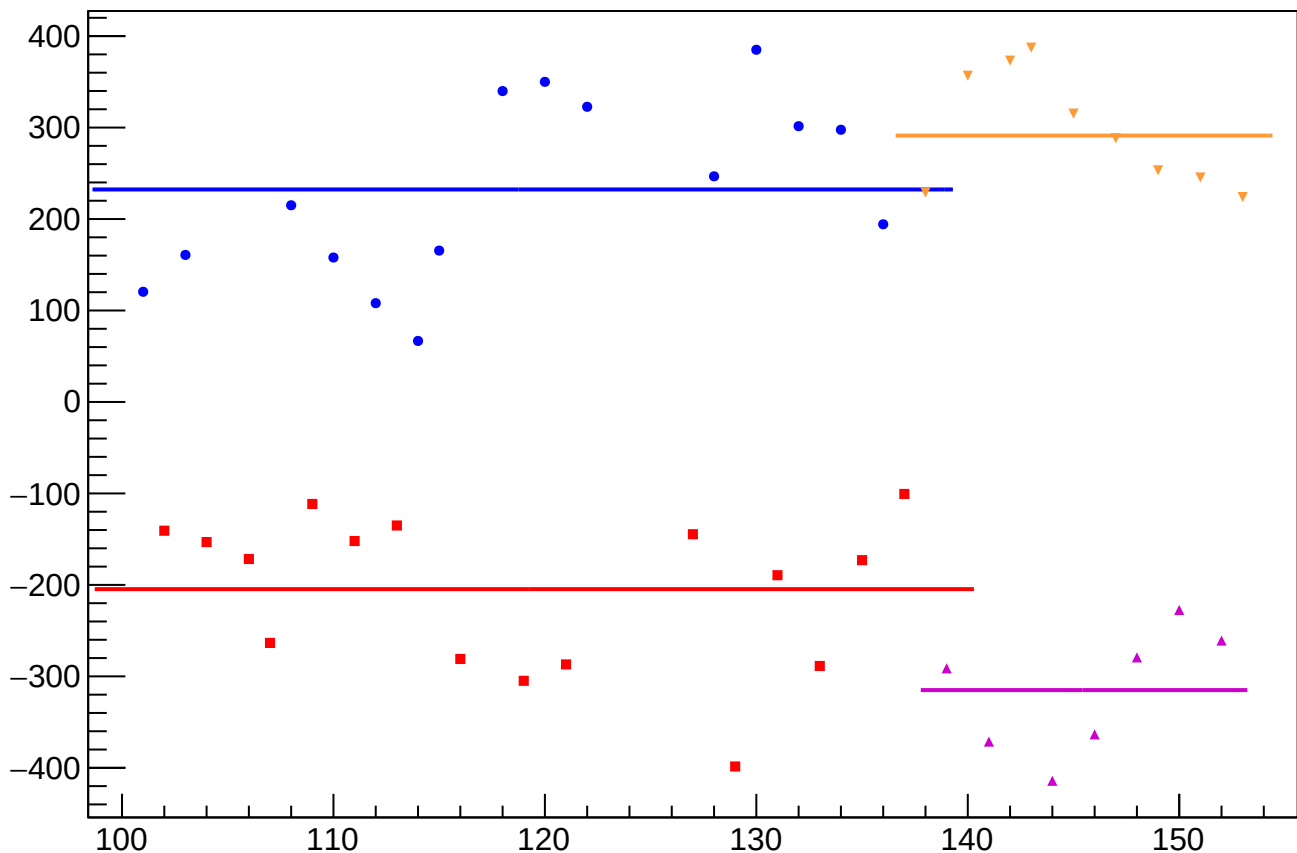
In: -2794.584 +/- 0.000 χ^2/NDF : 451722221461283

Left In: -22178.503 +/- 0.000

Out: 3390.384 +/- 0.000 χ^2/NDF : 397206198417819

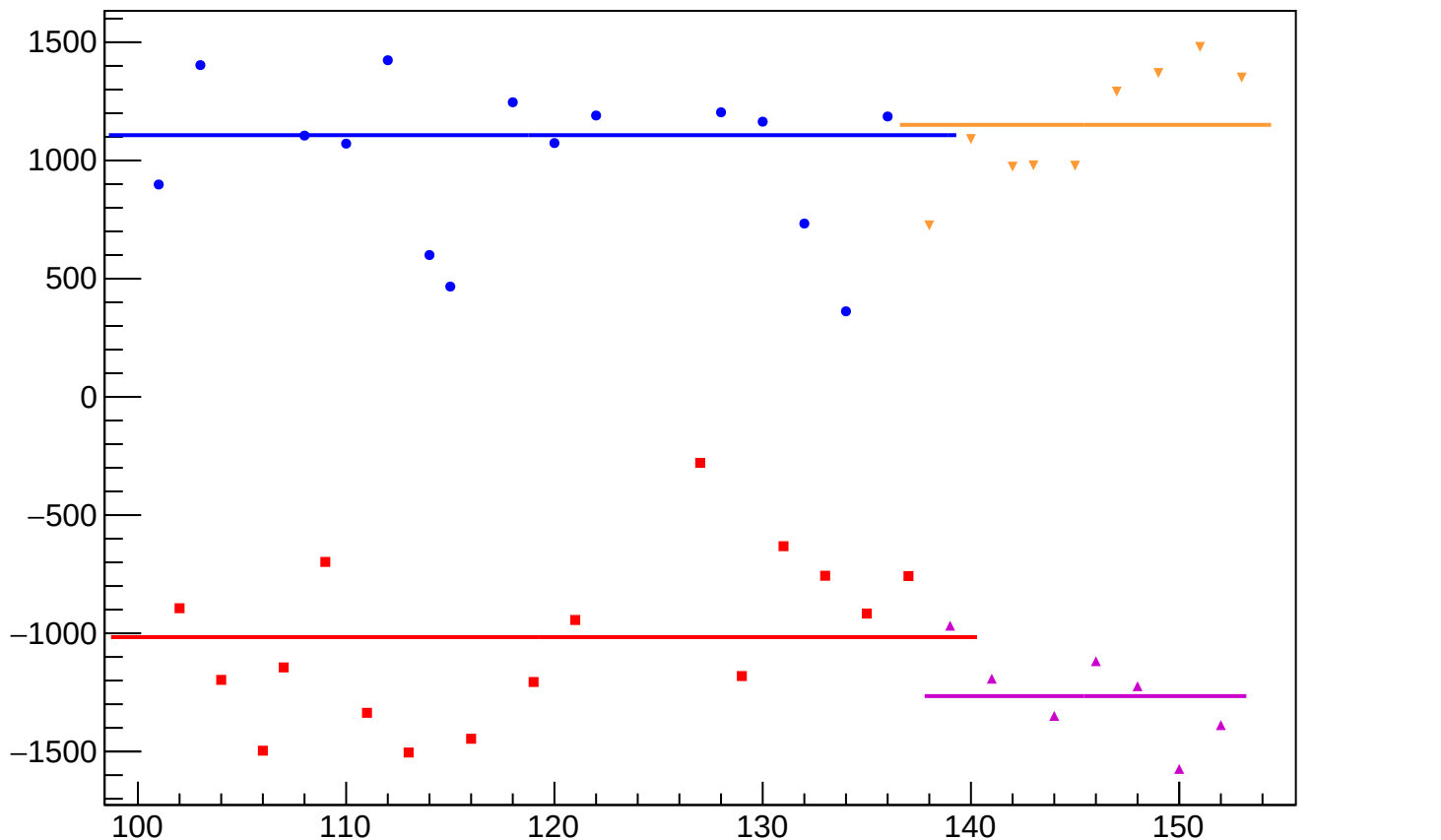
All: 412.348 +/- 0.000 χ^2/NDF : 873702053608.0/19

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



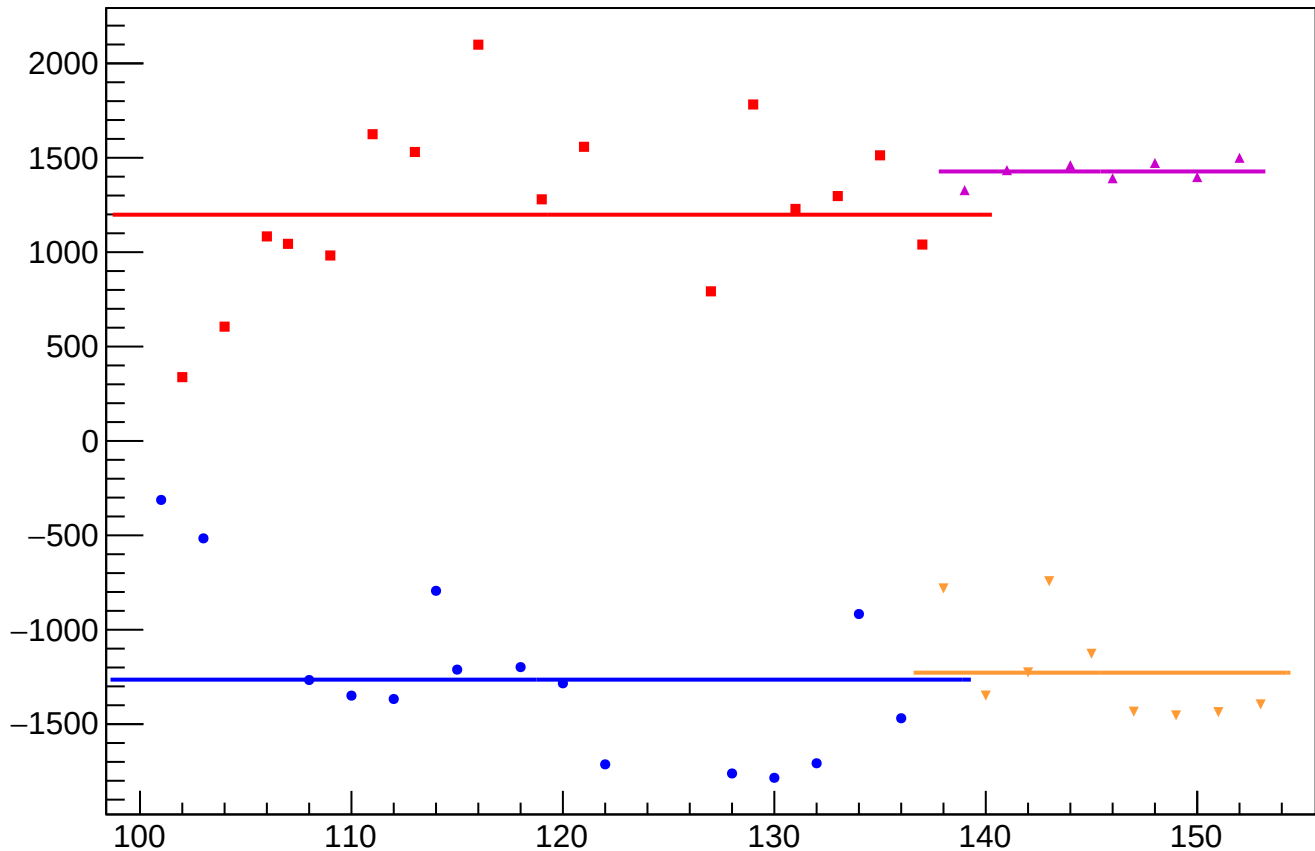
Right In: 232.312 $\pm$ 0.000 χ^2 /NDF: 5478184144885833956204804001180418048.0/14
 Left Out: 291.237 $\pm$ 0.000 χ^2 /NDF: 2296490231165943956542944404754661376.0/8
 Right Out: -204.637 $\pm$ 0.000 χ^2 /NDF: 4555067046835230017930882867882098688.0/15
 Left In: -315.015 $\pm$ 0.000 χ^2 /NDF: 2446987186369046668040069720578195456.0/6
 All: 8.762 $\pm$ 0.000 χ^2 /NDF: 19458293182308

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1227.399+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1427.468+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 46684262980825580678175578386837012480.0/8

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 1706975138962670295492763194037895168.0/6

Left: 19.017+/-0.000 χ^2/NDF : 2291940843201503

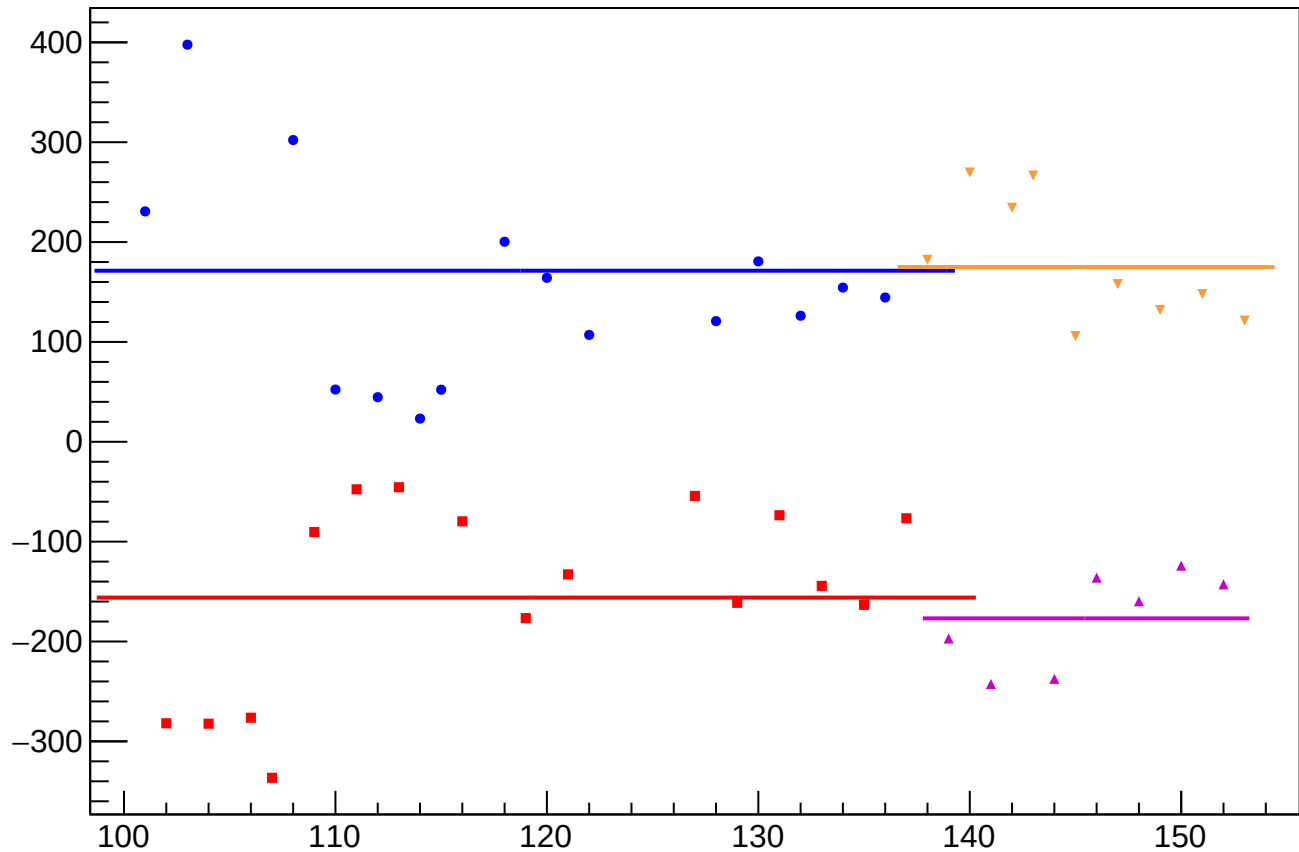
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: 28.782+/-0.000 χ^2/NDF : 240088712764976136

Out: -24.378+/-0.000 χ^2/NDF : 2156516761461355

All: 1.218+/-0.000 χ^2/NDF : 45592340071335

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 171.323+/-0.000

χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 175.011+/-0.000

χ^2/NDF : 2329855537911353756029201814885761024.0/8

Right Out: -155.993+/-0.000

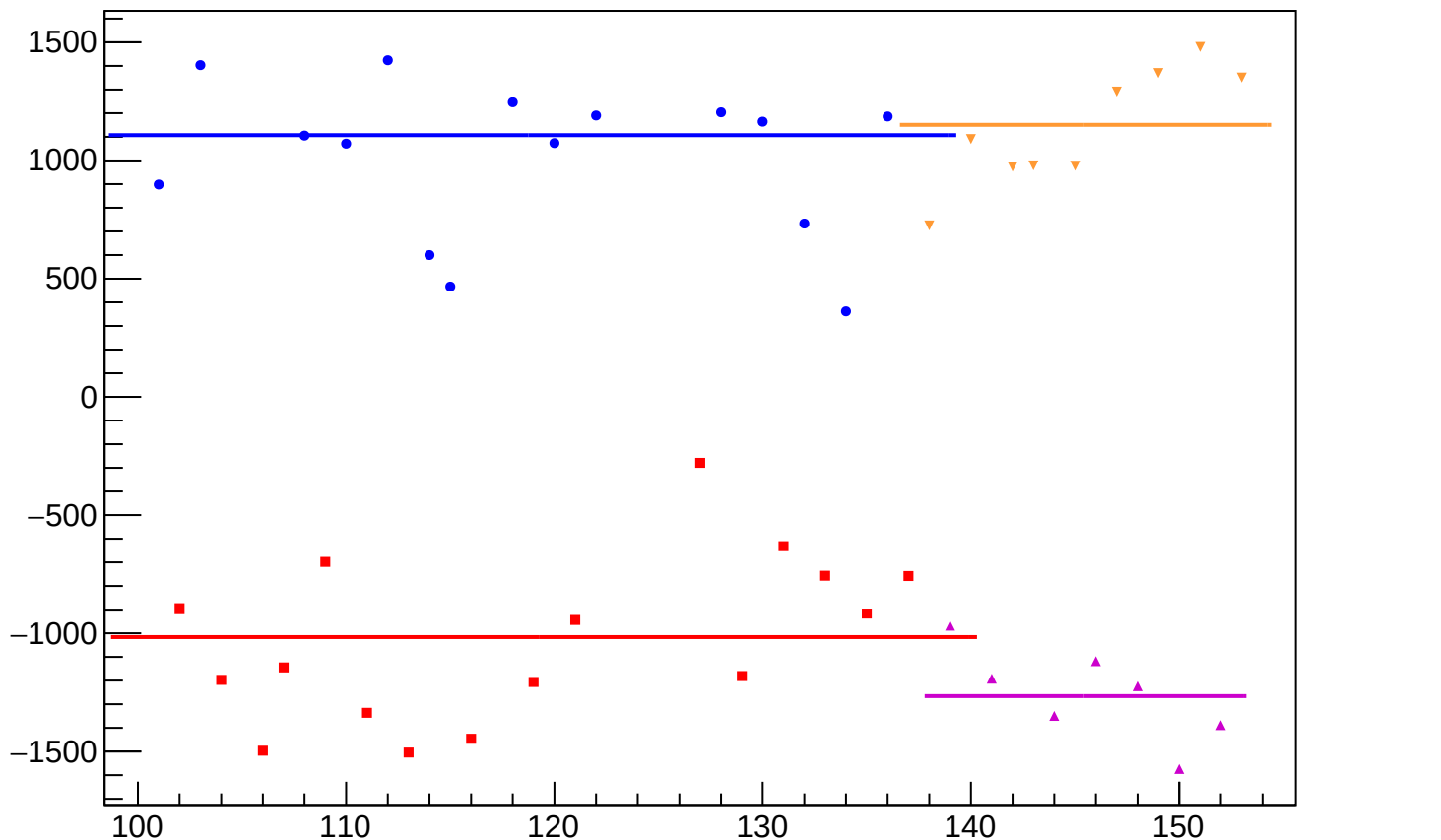
χ^2/NDF : 5680659281504595852021524727244783616.0/15

Left In: -176.840+/-0.000

χ^2/NDF : 124389159342793324566465298611306496.0/6

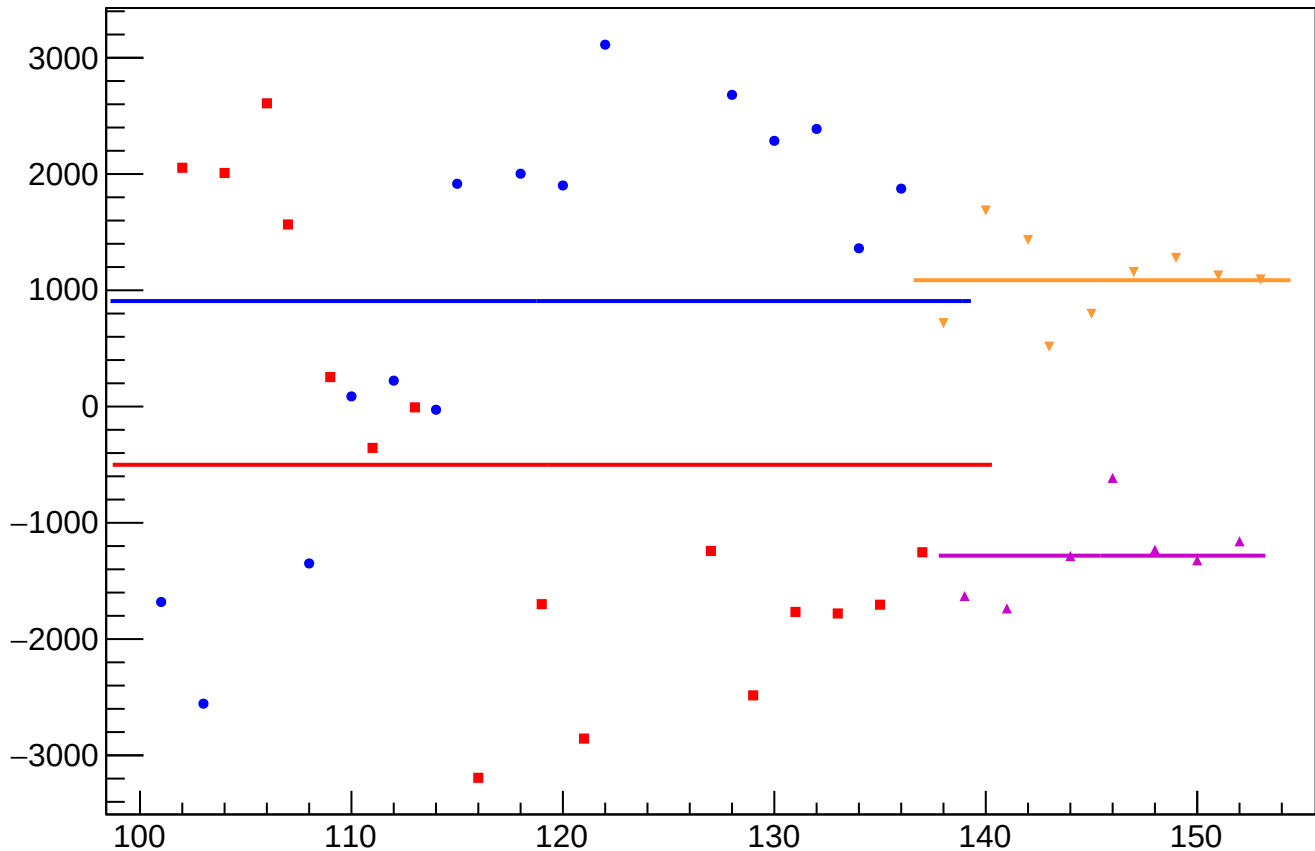
Left: 9.823+/-0.000 χ^2/NDF : 429804286103624708.0/14
 Right: 5.426+/-0.000 χ^2/NDF : 47042708197761076.0/14
 In: 4.071+/-0.000 χ^2/NDF : 4515676238914153597.0/14
 Out: 10.863+/-0.000 χ^2/NDF : 44849032533344122.0/14
 All: 7.592+/-0.000 χ^2/NDF : 90035670373272.0/14

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442+/-0.000

χ^2/NDF : 2107238007691848638499662178406566461440.0/14

Left Out: 1086.600+/-0.000

χ^2/NDF : 77896677909199374266364507868526280704.0/8

Right Out: -500.689+/-0.000

χ^2/NDF : 2074232918749953174436803426379074895872.0/15

Left In: -1282.467+/-0.000

χ^2/NDF : 66108080456091364678474569390510571520.0/6

Left: -25.638+/-0.000 χ^2/NDF : 1930511834553724

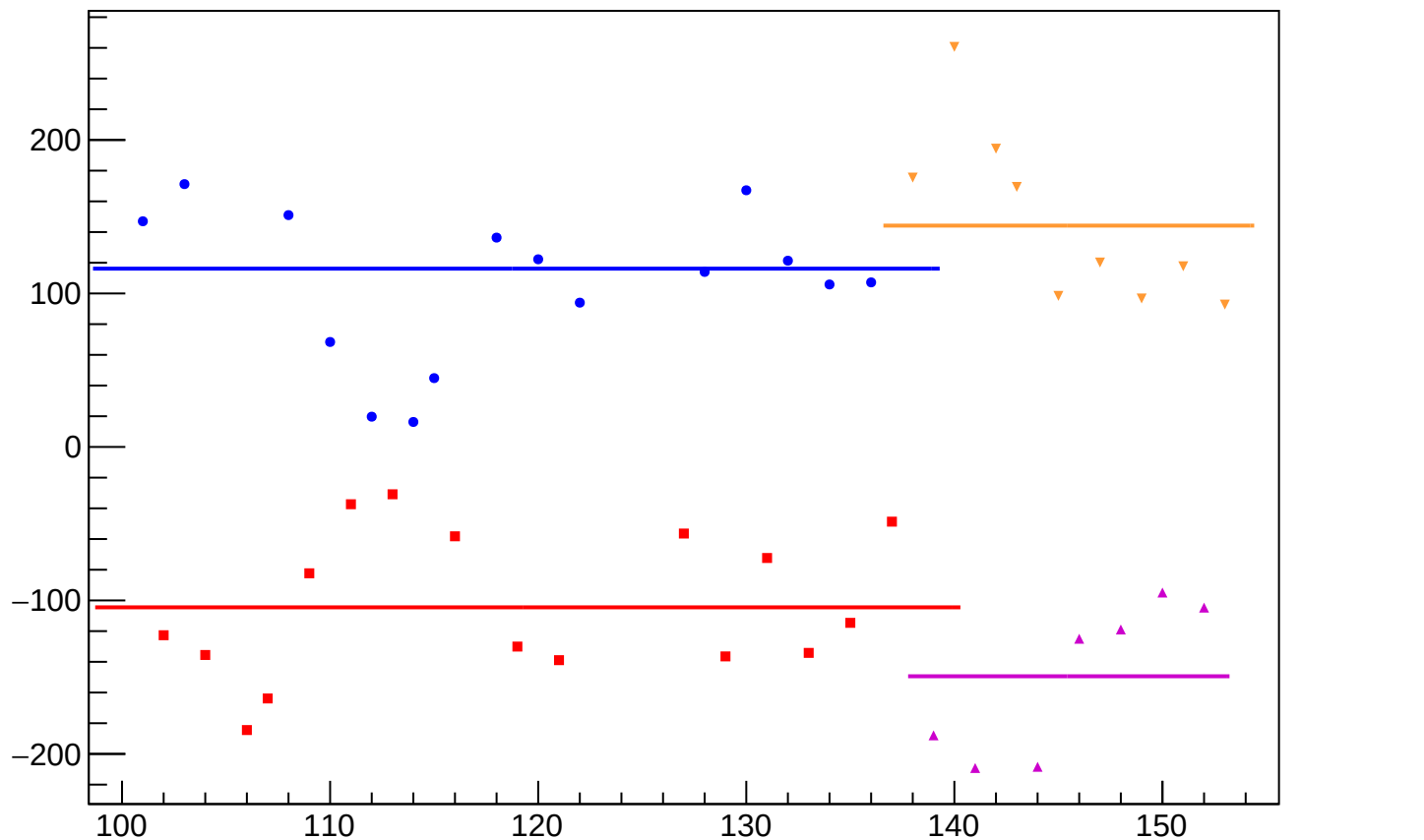
Right: 193.746+/-0.000 χ^2/NDF : 483370034209518

In: -144.556+/-0.000 χ^2/NDF : 3668498335376605

Out: 299.446+/-0.000 χ^2/NDF : 2999250075214963

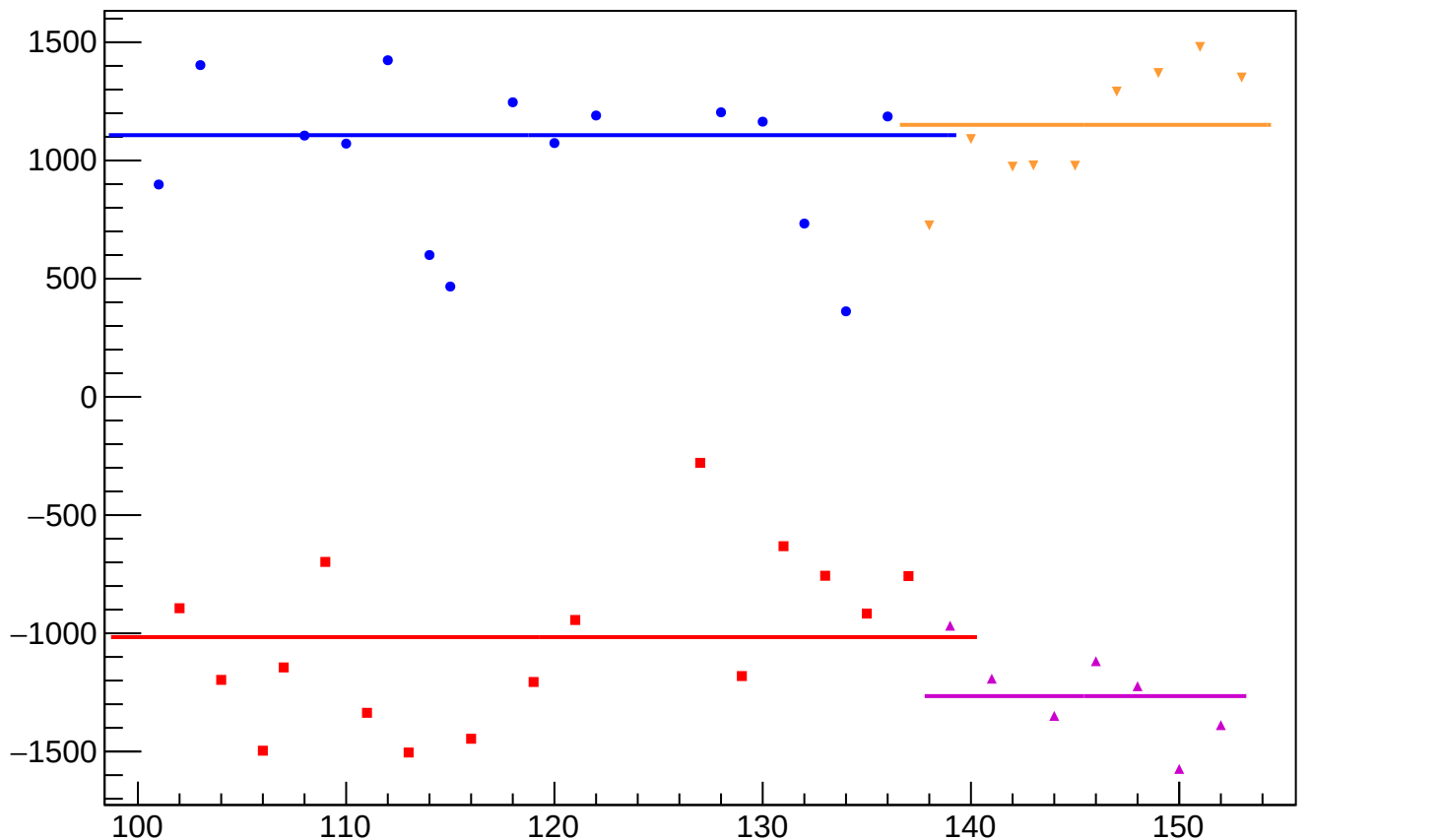
All: 85.661+/-0.000 χ^2/NDF : 6795417424224

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



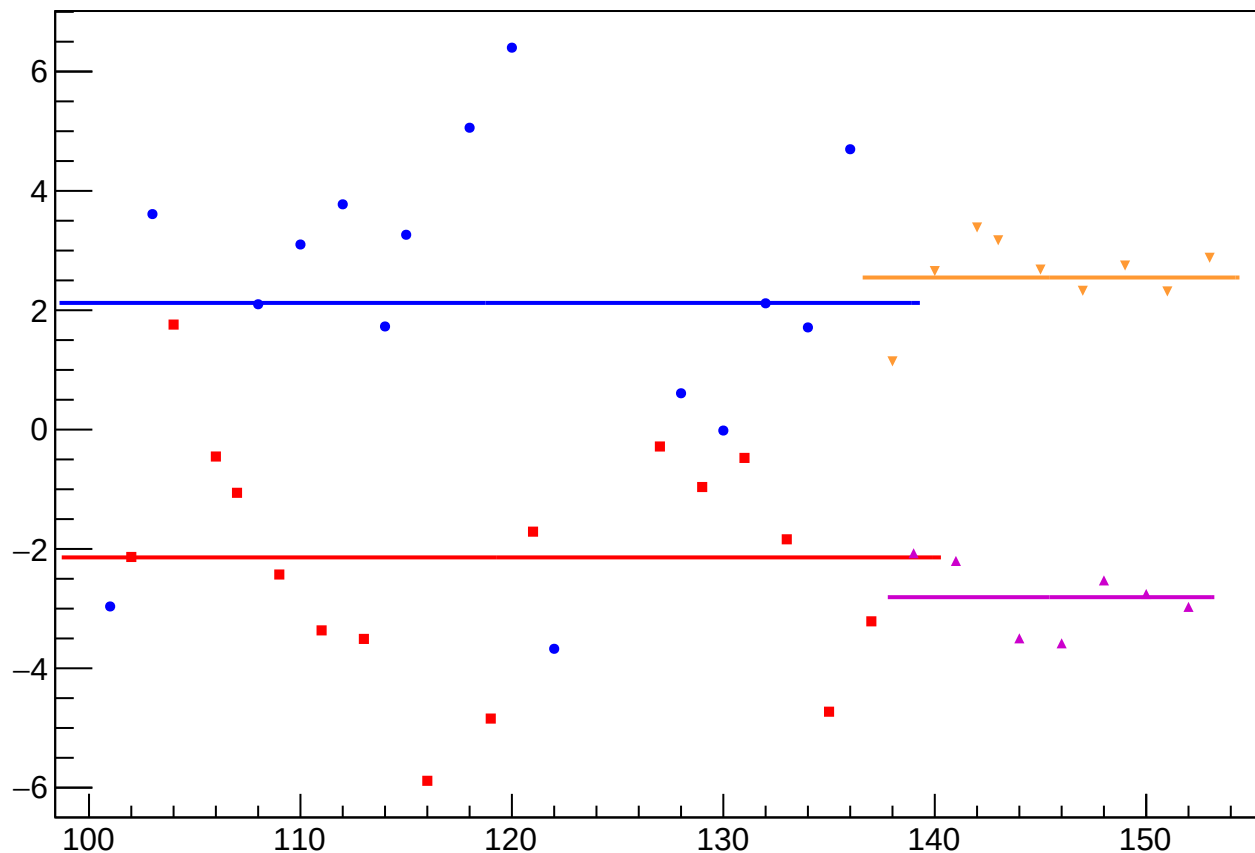
Right In: 116.159 $\pm$ 0.000 χ^2 /NDF: 1198526427485199785396504127288115200.0/14
 Left Out: 144.196 $\pm$ 0.000 χ^2 /NDF: 20296013247057135369656648484499456.0/8
 Right Out: -104.501 $\pm$ 0.000 χ^2 /NDF: 1285986383644058507445602420764180480.0/15
 Left In: -149.409 $\pm$ 0.000 χ^2 /NDF: 1305705069404328032740917476631511040.0/6
 All: 5.322 $\pm$ 0.000 χ^2 /NDF: 49278314955683

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



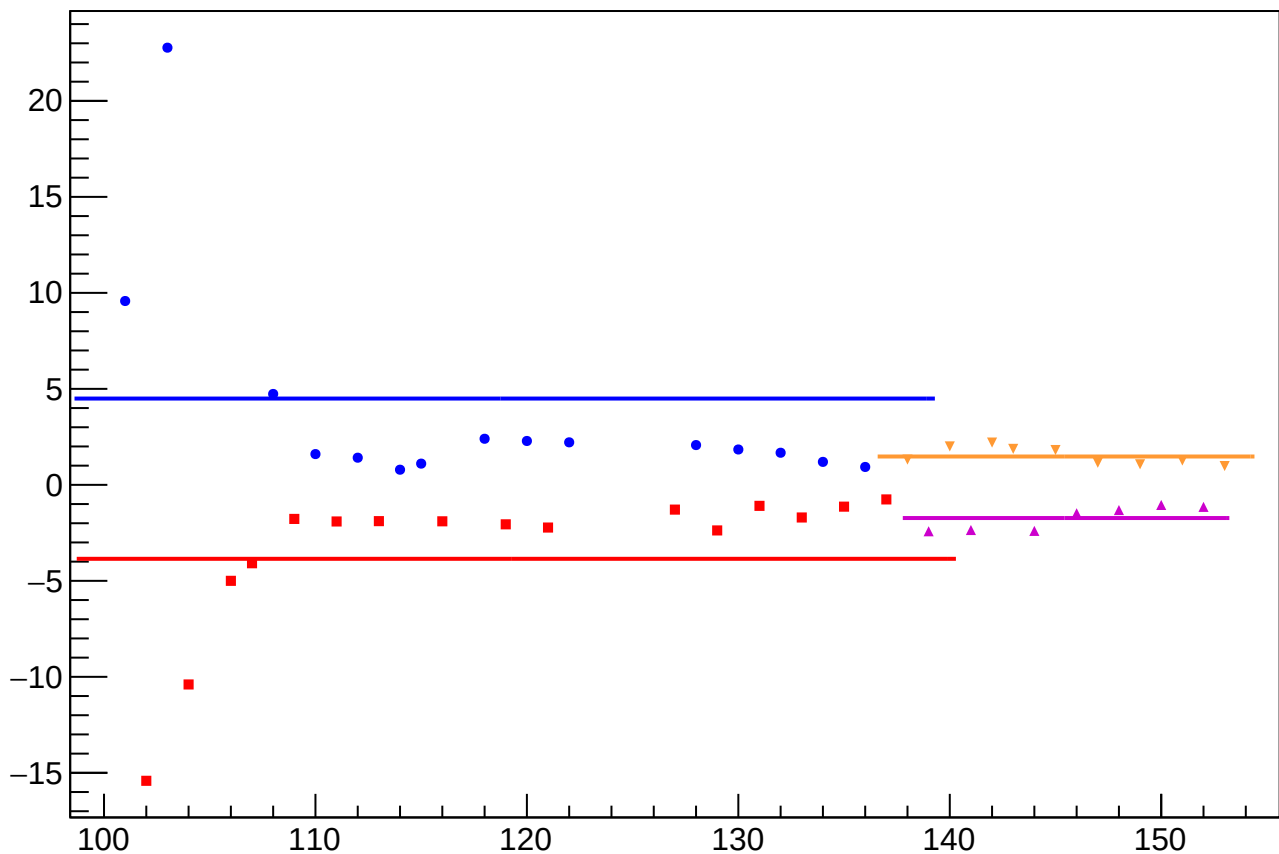
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1150.698 $\pm$ 0.000 χ^2 /NDF: 37586929183133584961001644800803340288.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: 23.719 $\pm$ 0.000 χ^2 /NDF: 3512390445234

dit_4aX_coil6_mean vs Slug, Sign Corrected



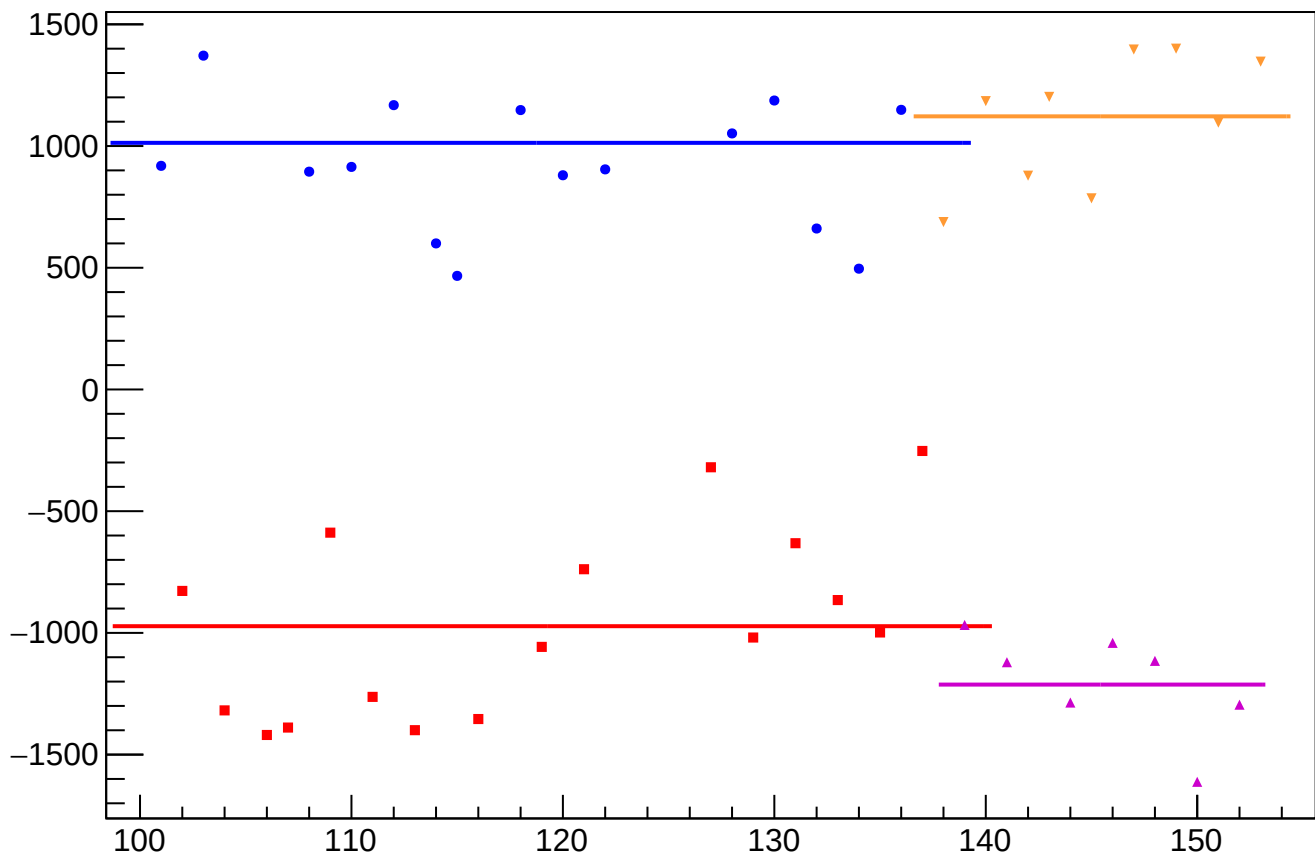
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.548+/-0.000 χ^2/NDF : 235526915906166694733808010264576.0/8
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.808+/-0.000 χ^2/NDF : 176363642274517552735558880460800.0/6
 All: -0.003+/-0.000 χ^2/NDF : 2326777078680.0/14

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.476 $\pm$ 0.000 χ^2 /NDF: 115180070721705304376636205957120.0/8
 Right Out: -3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: -1.728 $\pm$ 0.000 χ^2 /NDF: 202849934277121239797089479688192.0/6
 All: 0.120 $\pm$ 0.000 χ^2 /NDF: 64148854001048

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 44094101174250383817095145493775777792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: 26.043+/-0.000 χ^2/NDF : 18030004013659200

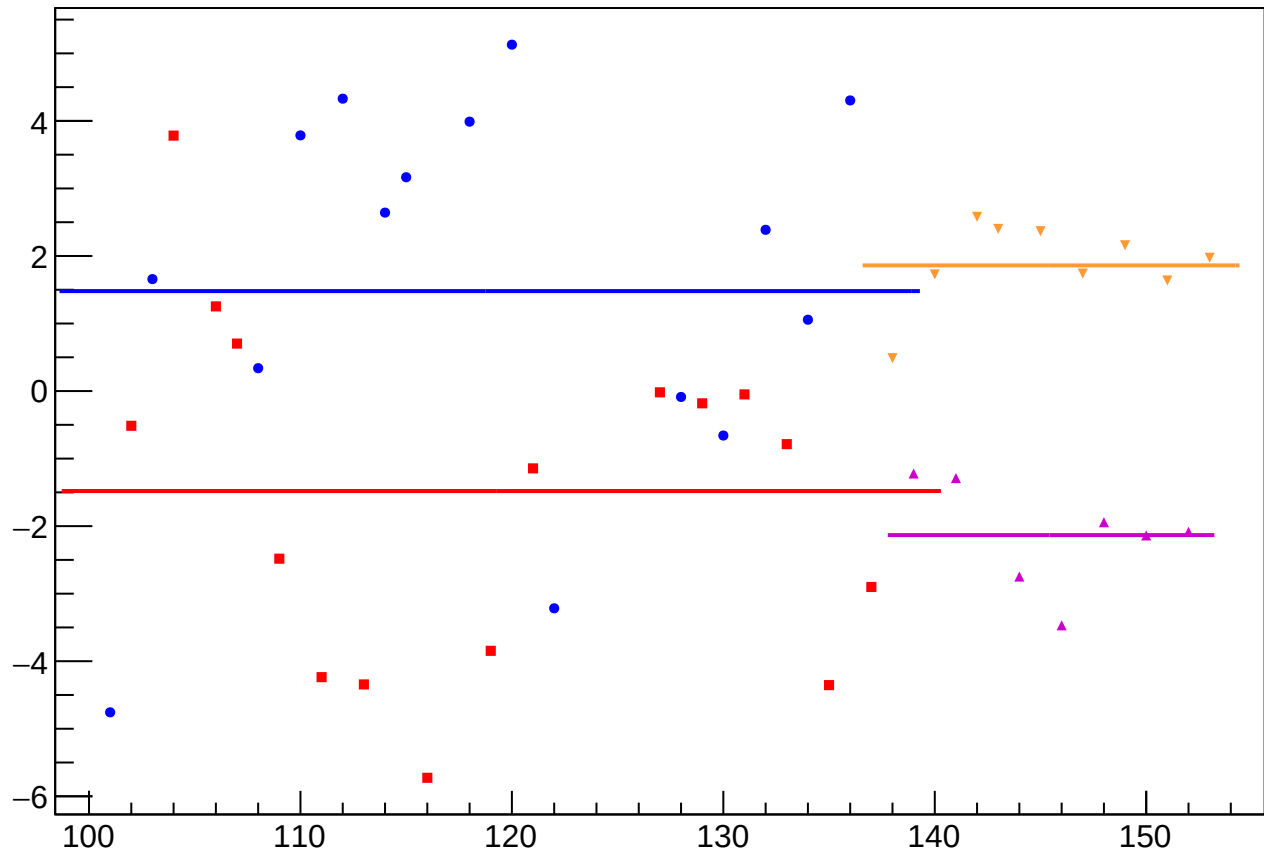
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: 83.317+/-0.000 χ^2/NDF : 15978940204823691

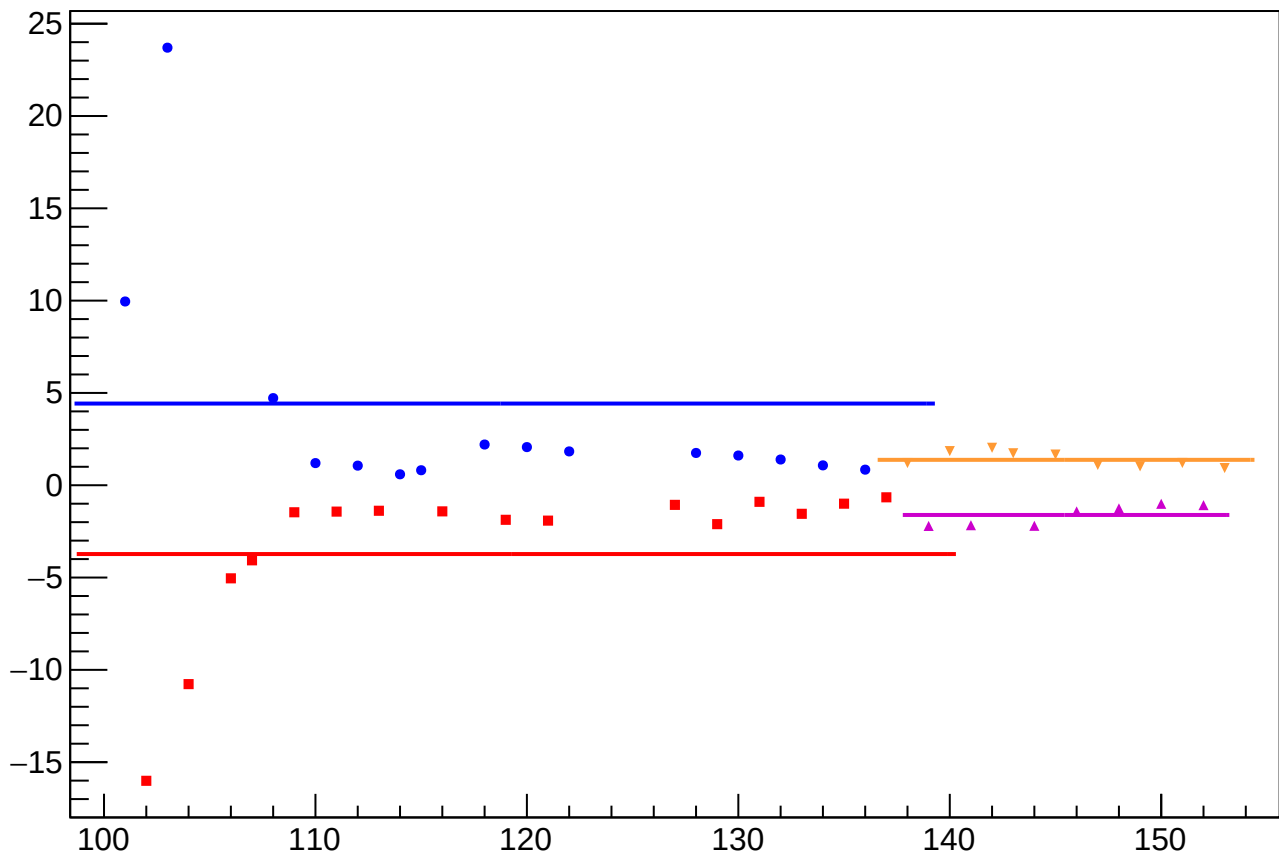
All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_4eX_coil6_mean vs Slug, Sign Corrected



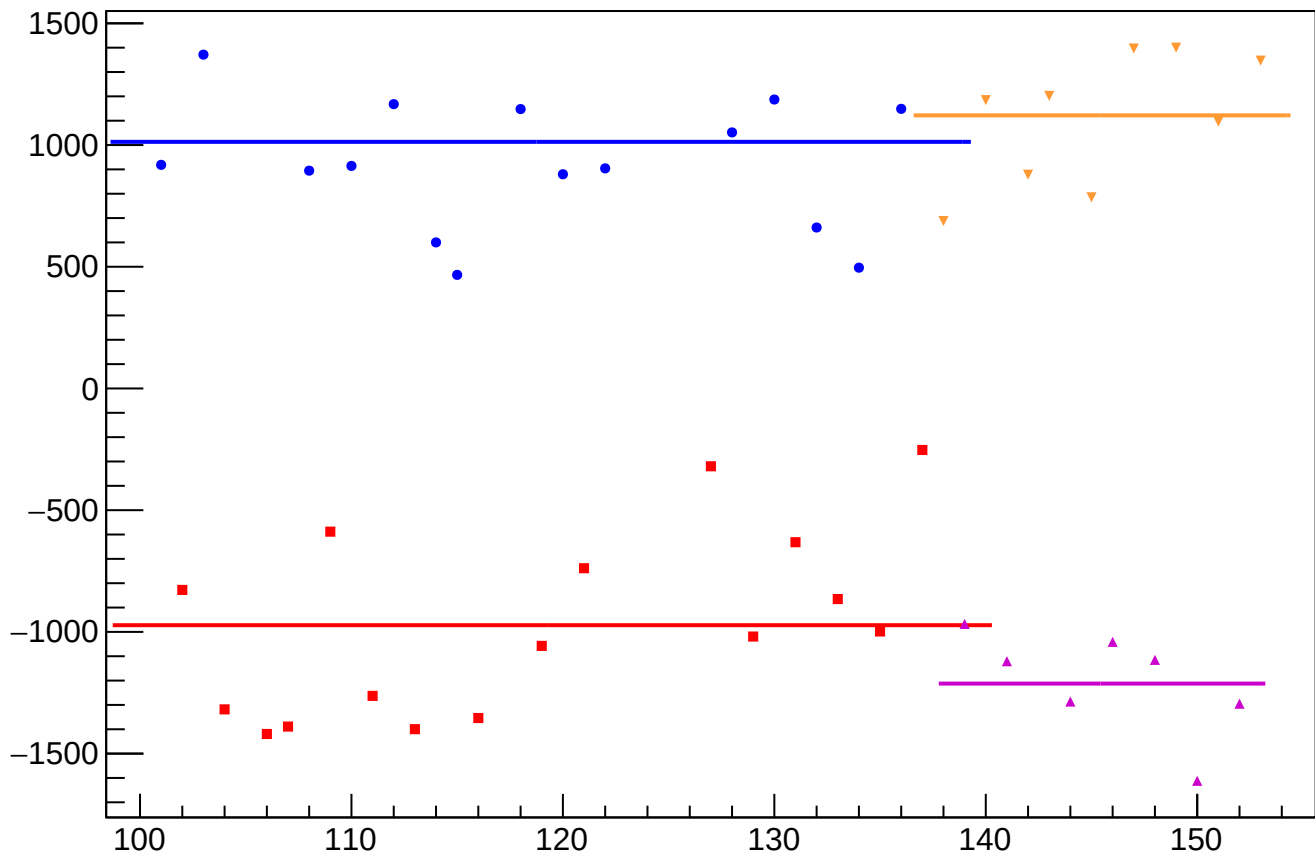
Left: -0.014 +/- 0.000 χ^2/NDF : 56157832339872872
 Right In: 1.480 +/- 0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Right: -0.020 +/- 0.000 χ^2/NDF : 1277469544314031
 Left Out: 1.861 +/- 0.000 χ^2/NDF : 226342542856713048095649731444736.0/8
 In: -0.256 +/- 0.000 χ^2/NDF : 101815724070053227
 Right Out: -1.480 +/- 0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Out: 0.204 +/- 0.000 χ^2/NDF : 807220341465130425
 Left In: -2.133 +/- 0.000 χ^2/NDF : 312873100309308605204188910059520.0/6
 All: -0.017 +/- 0.000 χ^2/NDF : 1839050449550.0/33

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424 +/- 0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.376 +/- 0.000 χ^2/NDF : 91002318249972165549610401529856.0/8
 Right Out: -3.727 +/- 0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: -1.610 +/- 0.000 χ^2/NDF : 157126200165884010971821542211584.0/6
 All: 0.136 +/- 0.000 χ^2/NDF : 67259000137495

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 44094101174250383817095145493775777792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: 26.043+/-0.000 χ^2/NDF : 18030004013659200

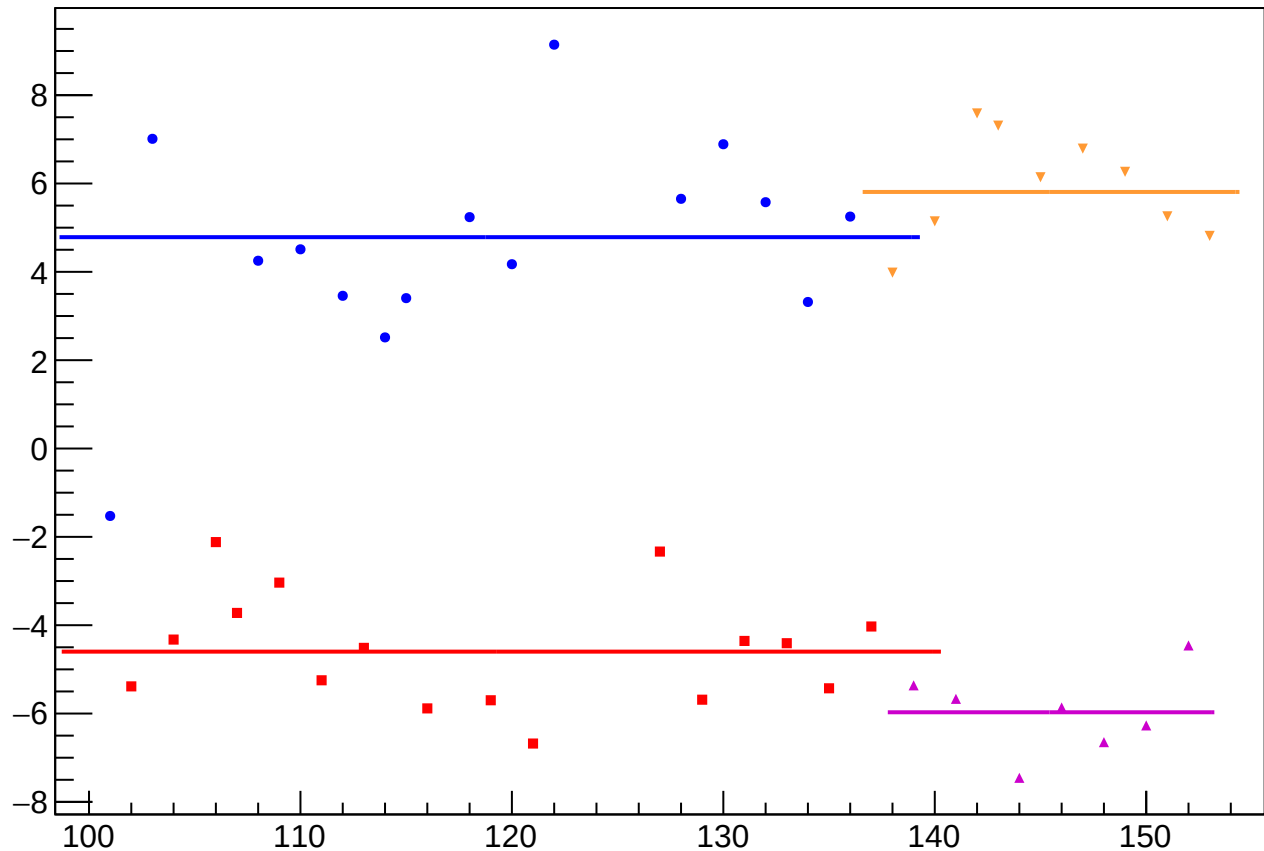
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: 83.317+/-0.000 χ^2/NDF : 15978940204823691

All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 4.785+/-0.000

χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.809+/-0.000

χ^2/NDF : 802095910808286187470698657611776.0/8

Right Out: -4.598+/-0.000

χ^2/NDF : 989607156792948633247632779640832.0/15

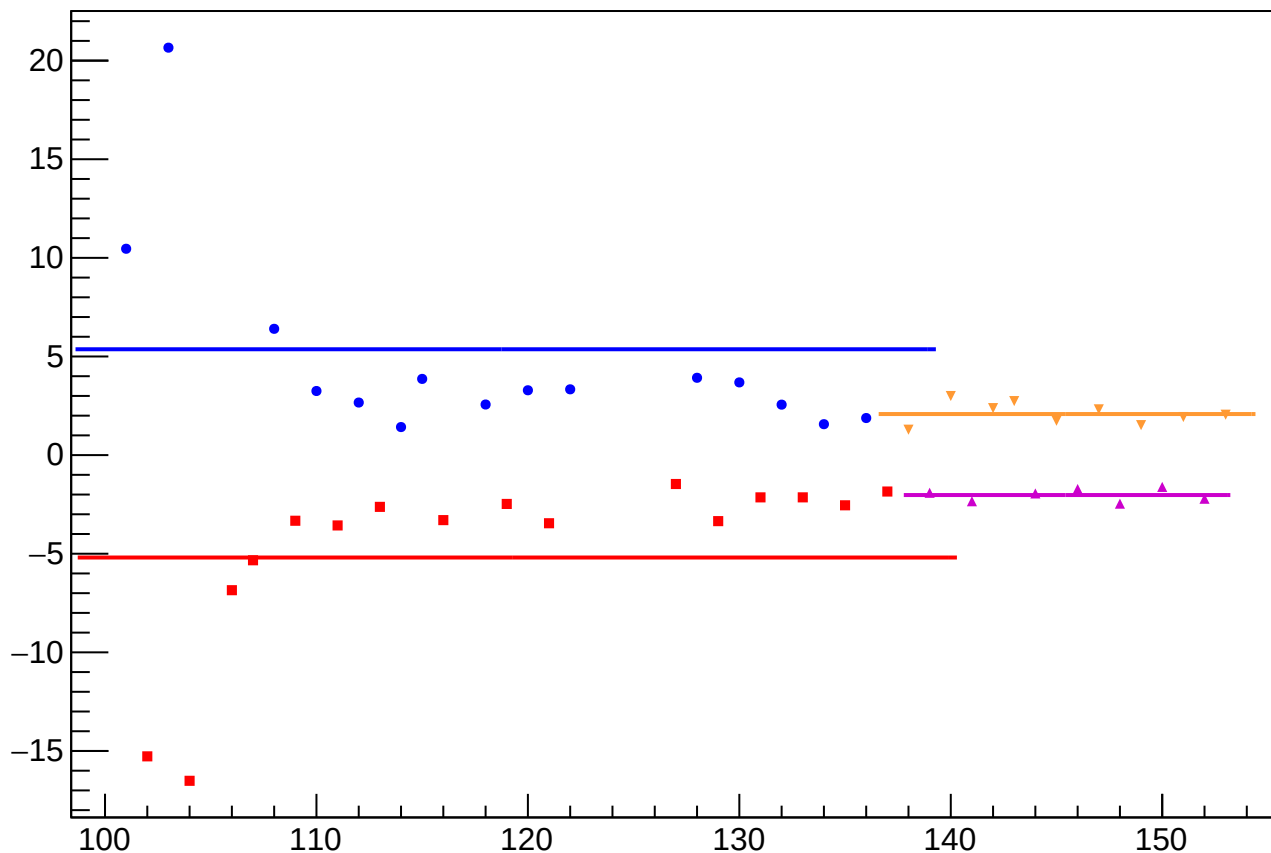
Left In: -5.971+/-0.000

χ^2/NDF : 480449500091400746049197951680512.0/6

All: 0.152+/-0.000

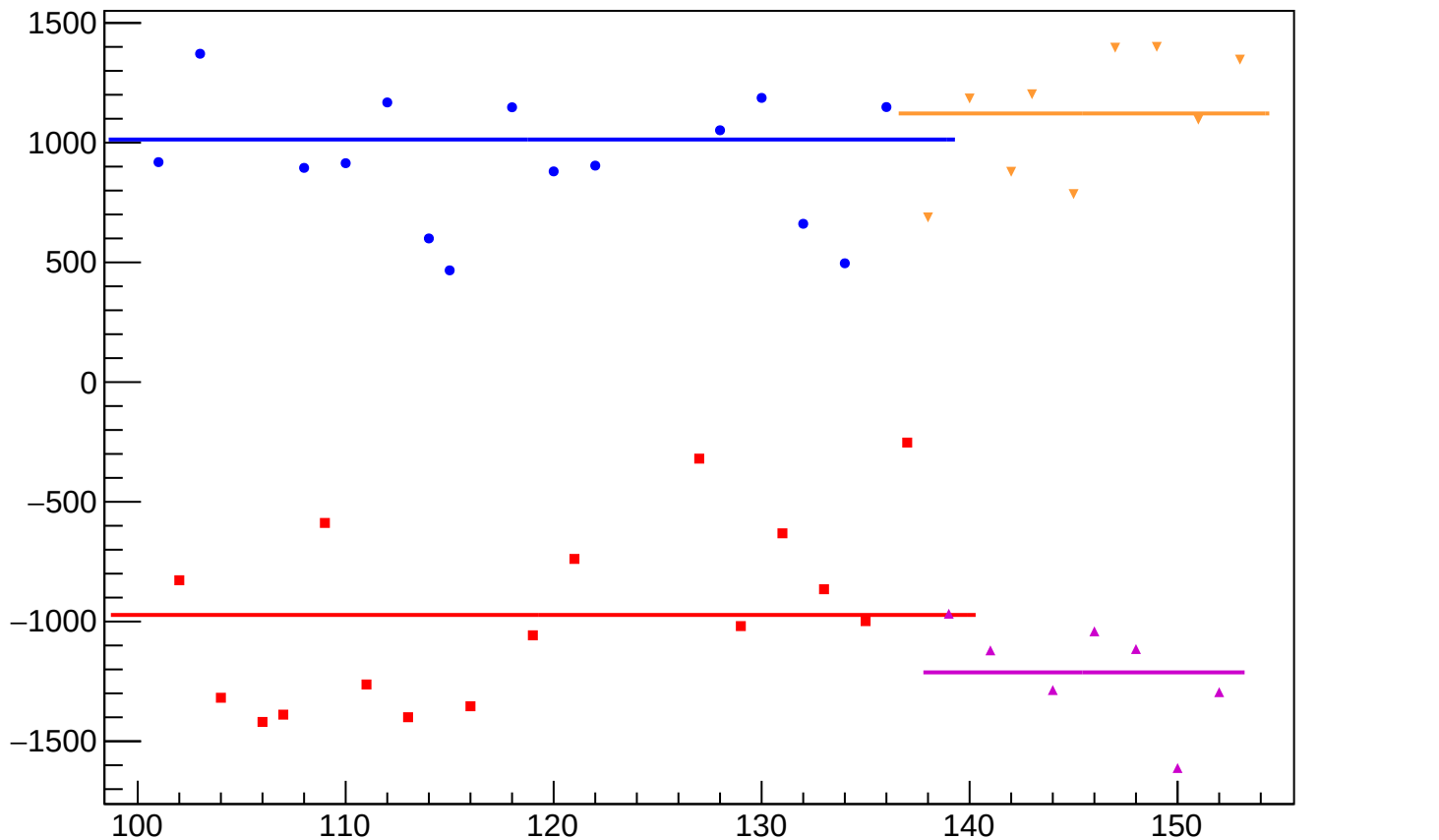
χ^2/NDF : 79443329623979

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14
 Left Out: 2.082 $\pm$ 0.000 χ^2 /NDF: 192834906769967902242651848572928.0/8
 Right Out: -5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15
 Left In: -2.025 $\pm$ 0.000 χ^2 /NDF: 52462672547267797545668831084544.0/6
 All: 0.083 $\pm$ 0.000 χ^2 /NDF: 76825197011062

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 44094101174250383817095145493775777792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: 26.043+/-0.000 χ^2/NDF : 18030004013659200

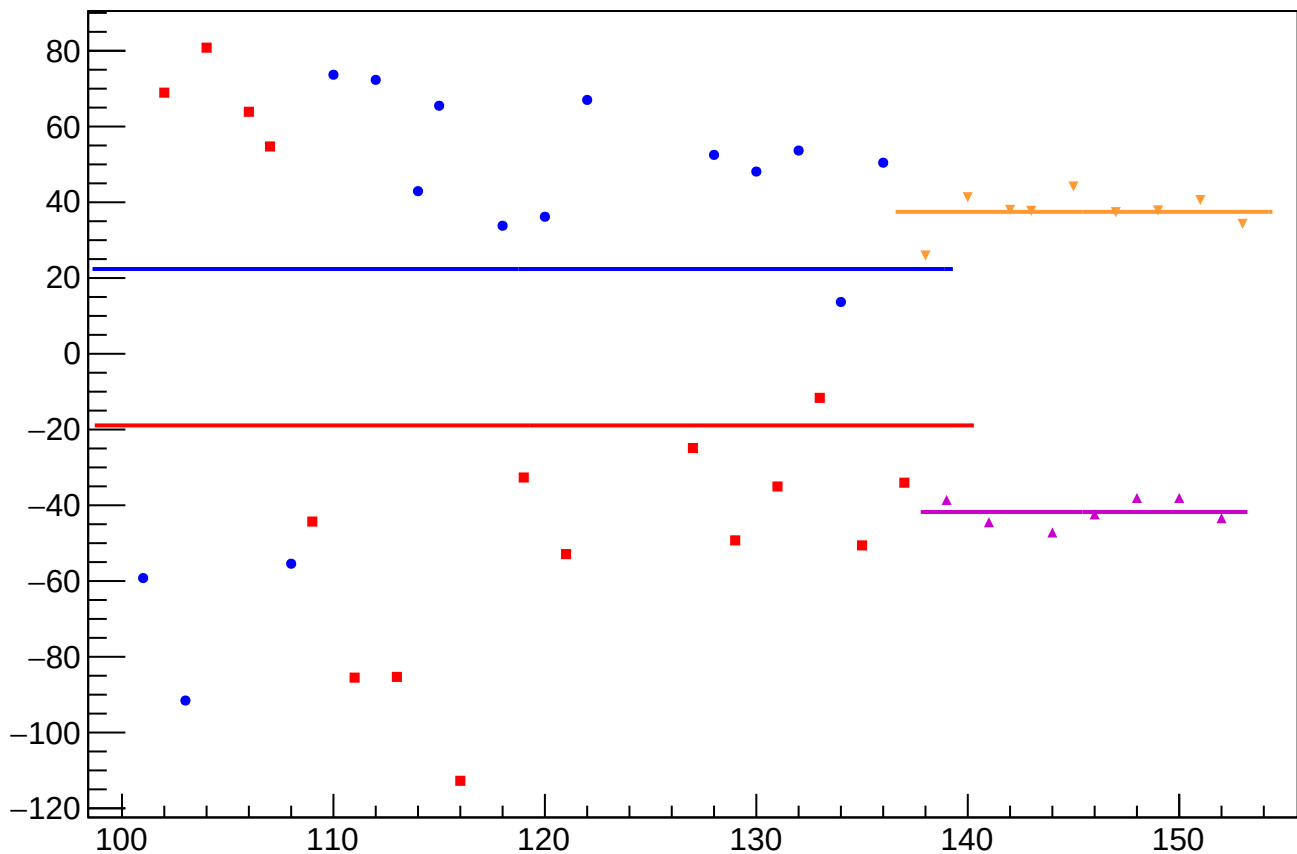
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: 83.317+/-0.000 χ^2/NDF : 15978940204823691

All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 22.385 +/- 0.000

χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.472 +/- 0.000

χ^2/NDF : 16811192975448682065050060833423360.0/8

Right Out: -18.907 +/- 0.000

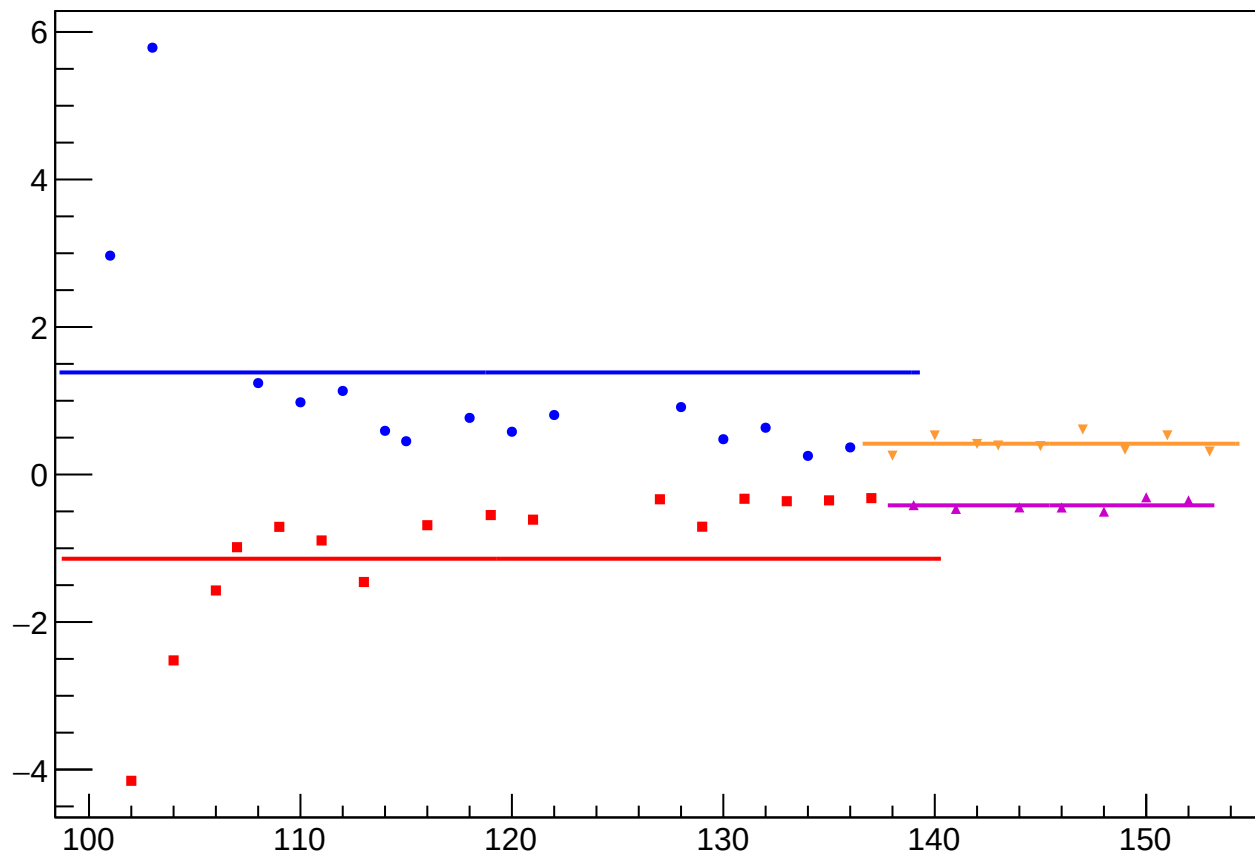
χ^2/NDF : 2182221808408156293593992757837824.0/15

Left In: -41.766 +/- 0.000

χ^2/NDF : 6715390841799434681646564209852416.0/6

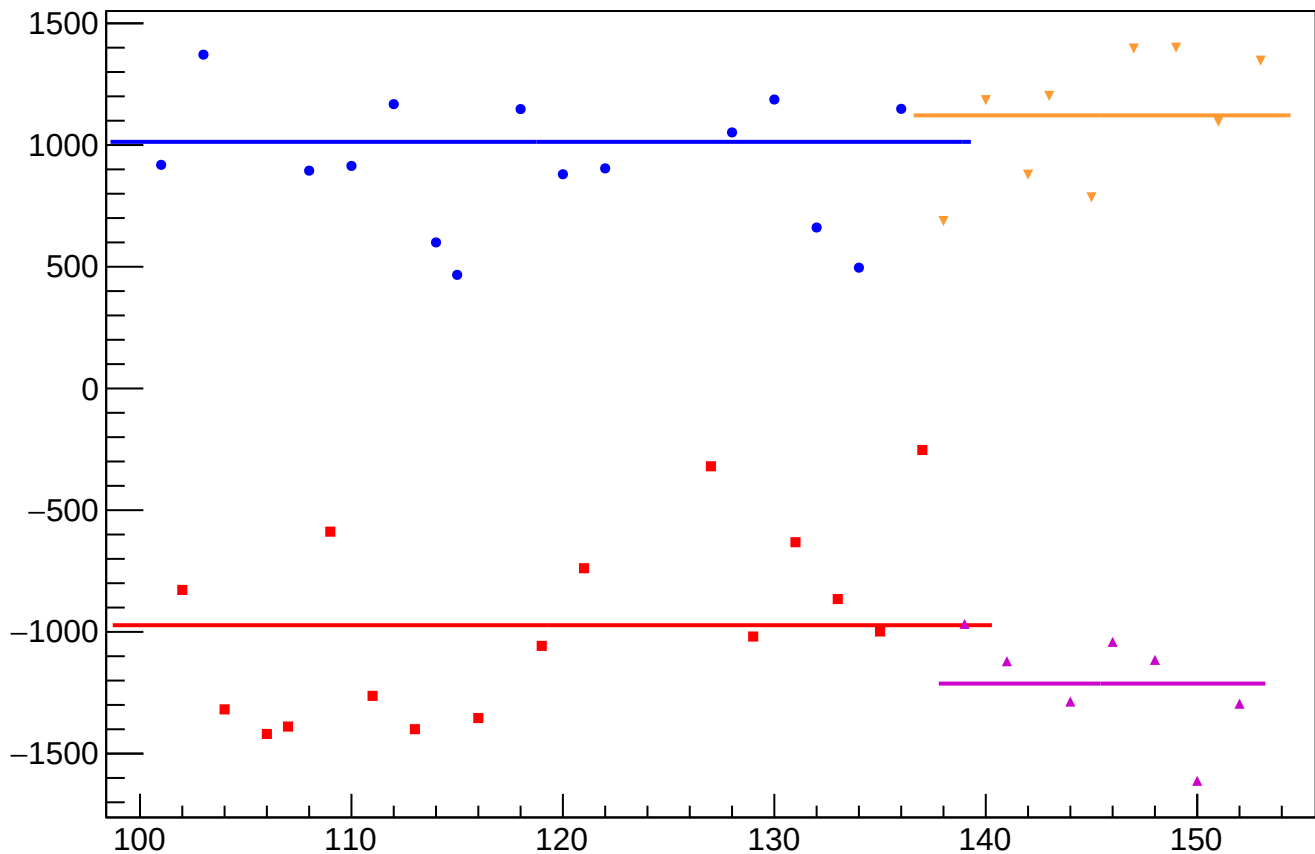
All: 0.872 +/- 0.000 χ^2/NDF : 66883400409745

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.384 $\pm$ 0.000 χ^2 /NDF: 1571159324102064120487940936695808.0/14
 Left Out: 0.418 $\pm$ 0.000 χ^2 /NDF: 8583723865533905000578569732096.0/8
 Right Out: -1.142 $\pm$ 0.000 χ^2 /NDF: 810680738285448955223066212827136.0/15
 Left In: -0.418 $\pm$ 0.000 χ^2 /NDF: 2434641210825852667569348018176.0/6
 All: 0.065 $\pm$ 0.000 χ^2 /NDF: 47176126901309

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 44094101174250383817095145493775777792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: 26.043+/-0.000 χ^2/NDF : 18030004013659200

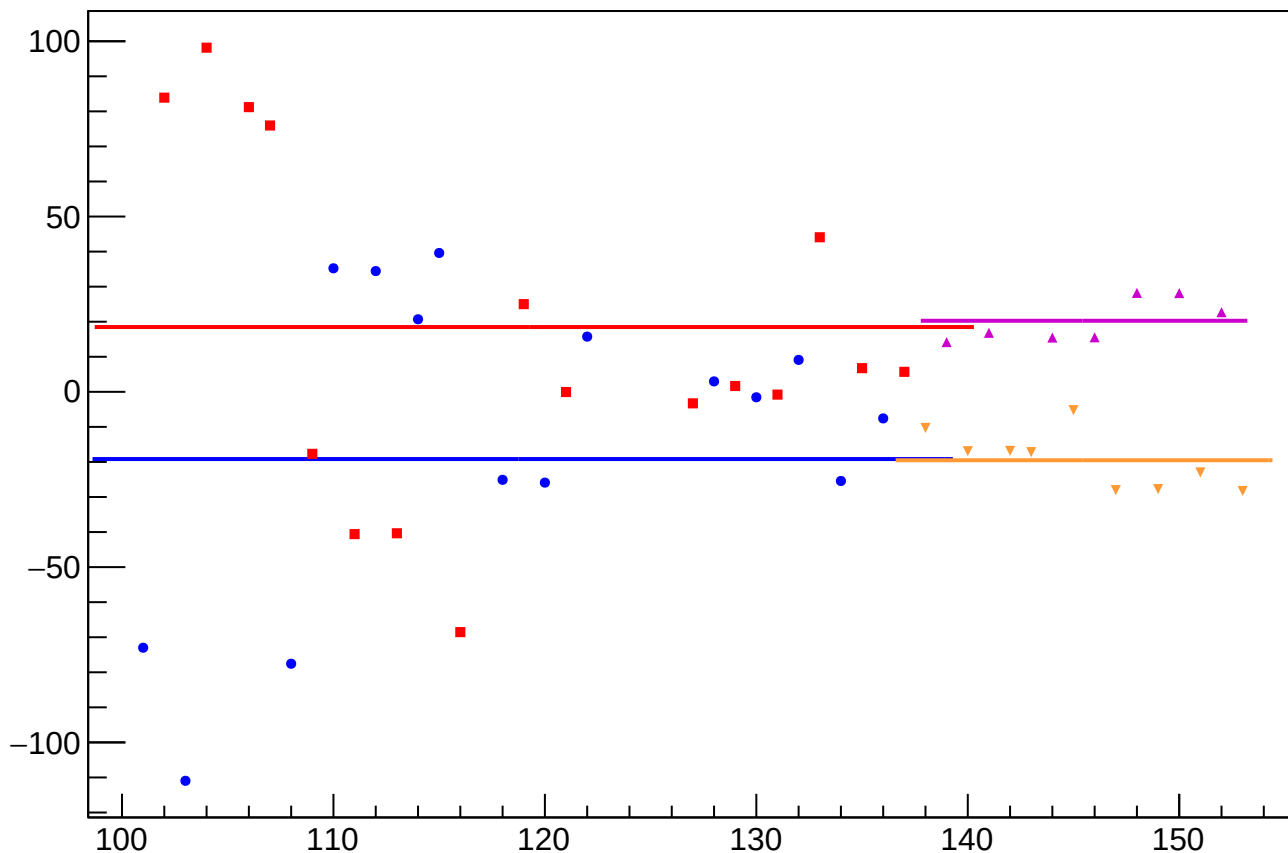
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: 83.317+/-0.000 χ^2/NDF : 15978940204823691

All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175 ± 0.000

Left Out: -19.517 ± 0.000

Right Out: 18.479 ± 0.000

Left In: 20.268 ± 0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

χ^2/NDF : 43224998004121266240219105246314496.0/8

χ^2/NDF : 1489398115046175180640331393369374720.0/15

χ^2/NDF : 19393447314668135841032691926433792.0/6

Left: -0.838 ± 0.000 χ^2/NDF : 56645882094374713

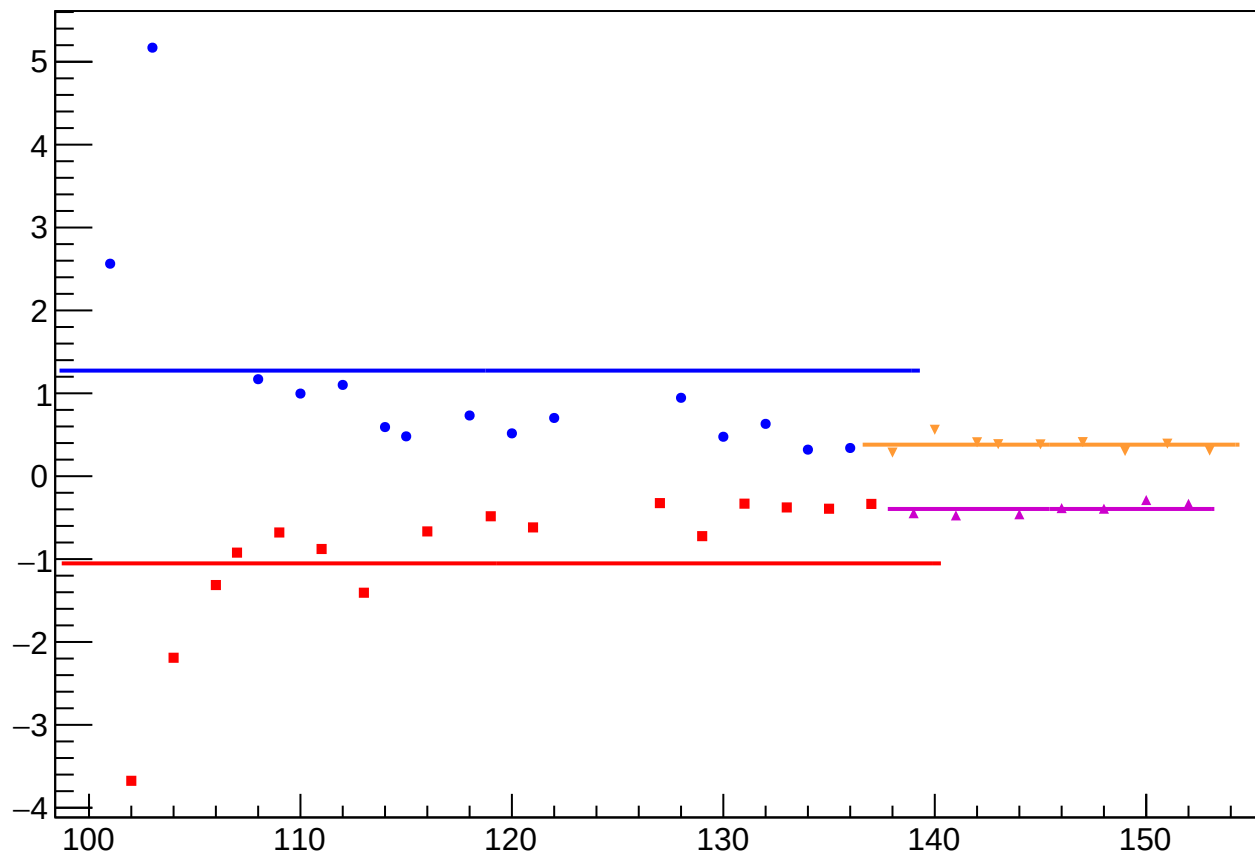
Right: -0.091 ± 0.000 χ^2/NDF : 3202145485356183

In: -0.227 ± 0.000 χ^2/NDF : 175080317010811464

Out: -0.674 ± 0.000 χ^2/NDF : 20180343561655880

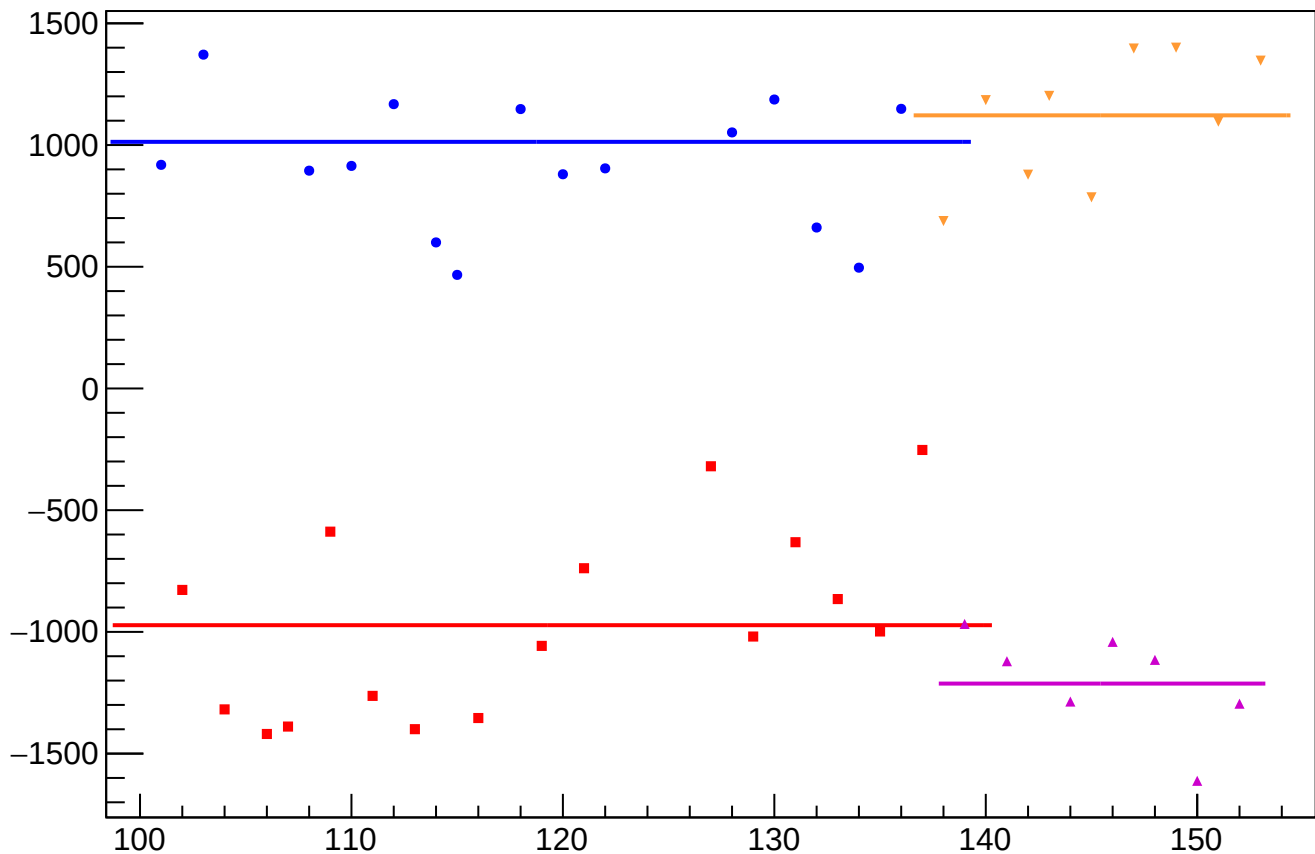
All: -0.459 ± 0.000 χ^2/NDF : 3768967006040

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



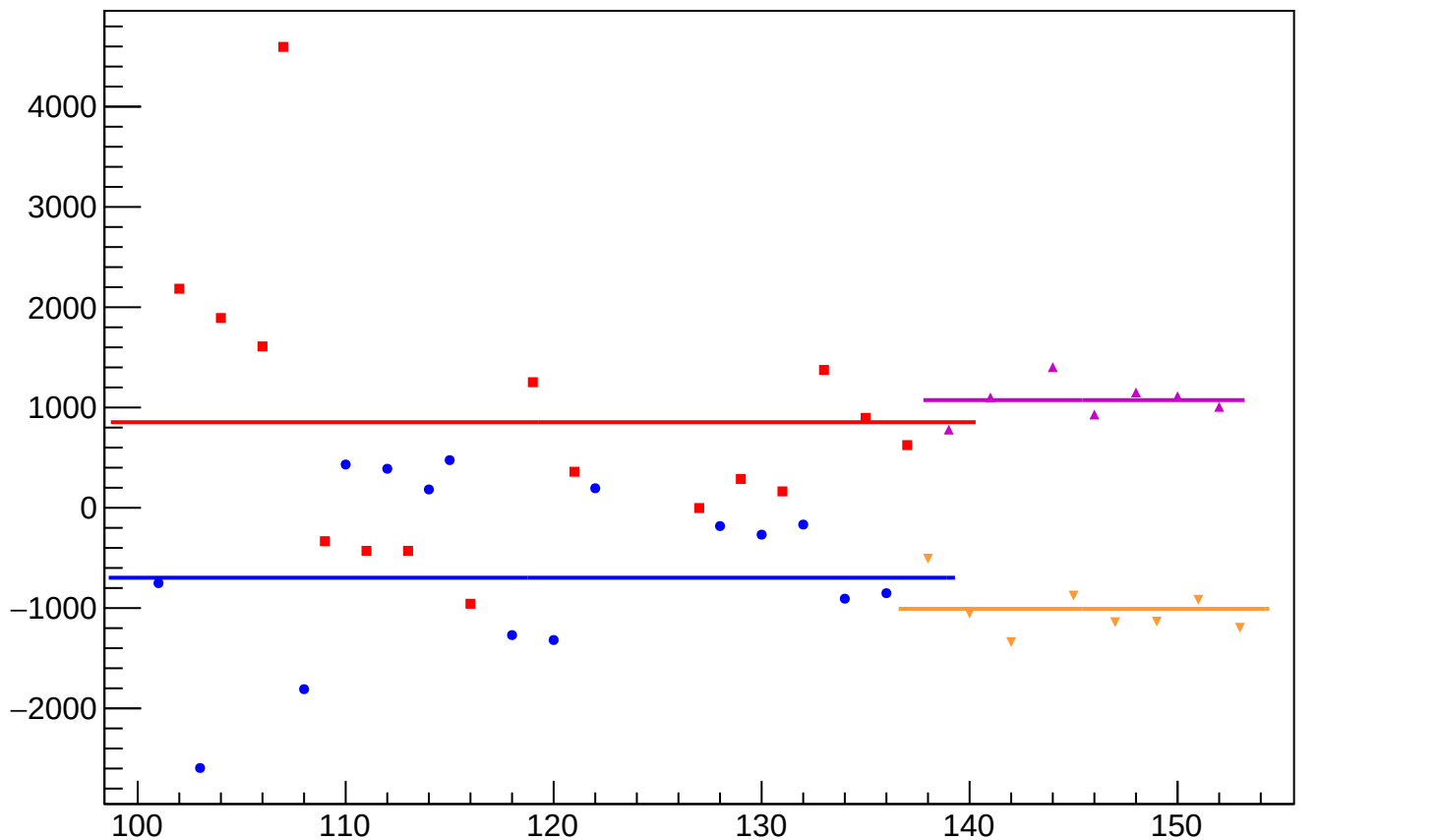
Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14
 Left Out: 0.381 $\pm$ 0.000 χ^2 /NDF: 4409856942651405363008319258624.0/8
 Right Out: -1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15
 Left In: -0.395 $\pm$ 0.000 χ^2 /NDF: 2494079906257505257127474626560.0/6
 All: 0.056 $\pm$ 0.000 χ^2 /NDF: 38012730181072

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



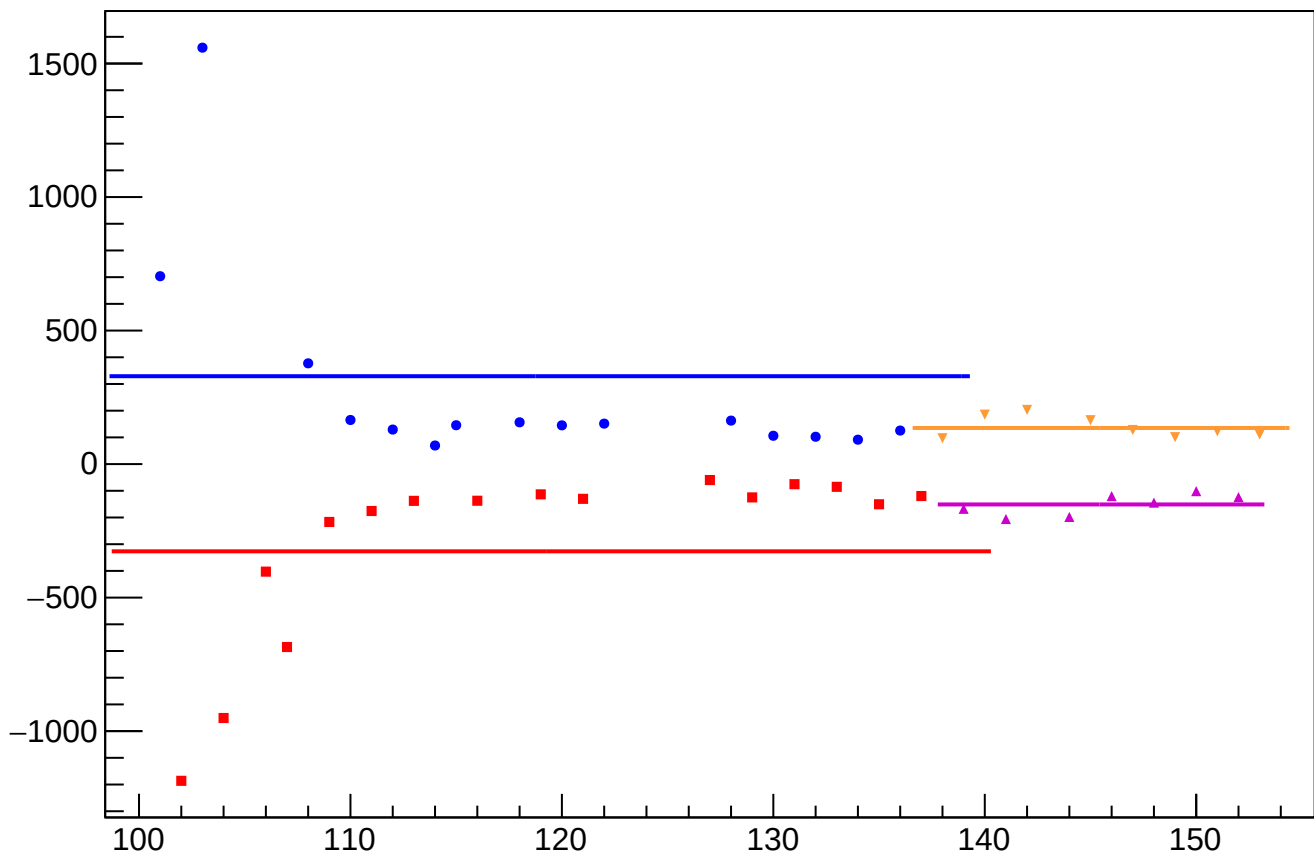
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971+/-0.000 χ^2/NDF : 44094101174250383817095145493775777792.0/8
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355+/-0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_usl_coil6_mean vs Slug, Sign Corrected



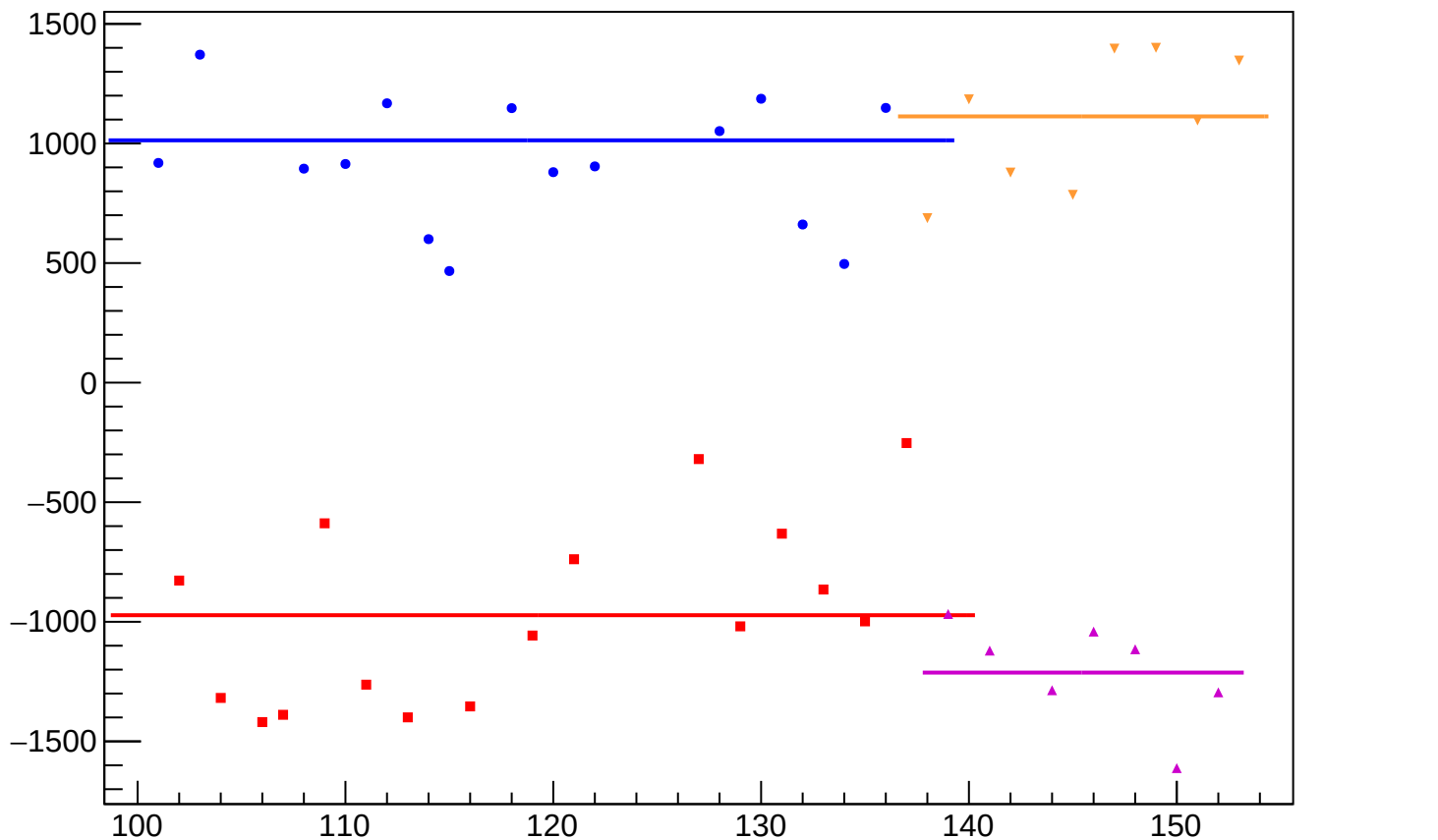
Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14
 Left Out: -1007.082+/-0.000 χ^2/NDF : 32581789781416783320392974922674077696.0/7
 Right Out: 853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15
 Left In: 1073.990+/-0.000 χ^2/NDF : 19408693467597515625701884047487139840.0/6
 All: 57.764+/-0.000 χ^2/NDF : 3725827159922

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -6.619 ± 0.000 $\chi^2/\text{NDF}: 26444370756822283$
 Right In: 329.108 ± 0.000 $\chi^2/\text{NDF}: 116863820700538623524207945698672377856.0/14$
 Right: -3.278 ± 0.000 $\chi^2/\text{NDF}: 3459018192319126$
 Left Out: 135.290 ± 0.000 $\chi^2/\text{NDF}: 764474301819176374774905107898171392.0/7$
 In: 98.409 ± 0.000 $\chi^2/\text{NDF}: 189612109710094259$
 Right Out: -326.695 ± 0.000 $\chi^2/\text{NDF}: 87569123354318020688611028415151079424.0/15$
 Out: -105.824 ± 0.000 $\chi^2/\text{NDF}: 156393555799269$
 Left In: -151.130 ± 0.000 $\chi^2/\text{NDF}: 845387015527902092700176016794976256.0/6$
 All: -4.879 ± 0.000 $\chi^2/\text{NDF}: 3723532284296$

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.017 +/- 0.000 χ^2/NDF : 1705224158353813

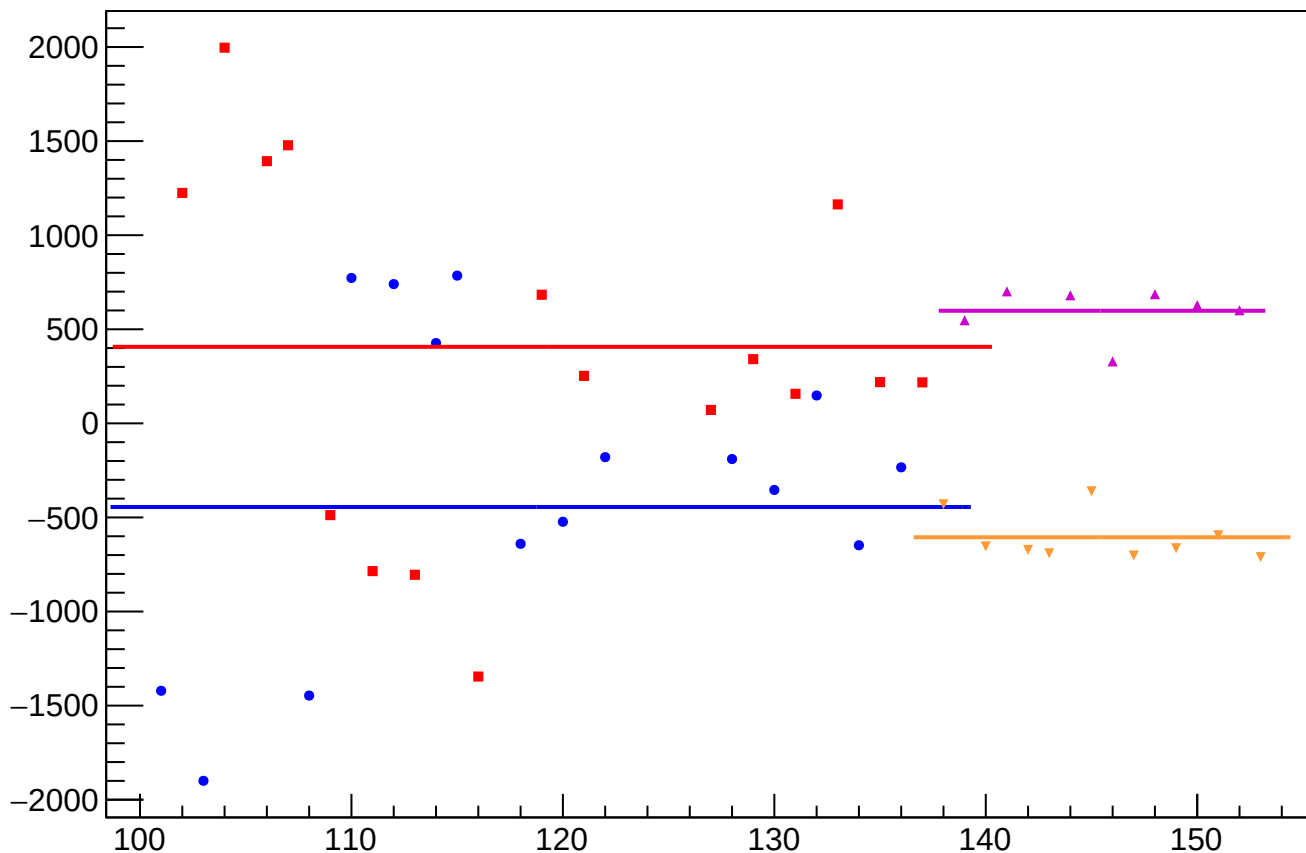
Right: 6.761 +/- 0.000 χ^2/NDF : 14074954421733032

In: -55.950 +/- 0.000 χ^2/NDF : 16002822426064709

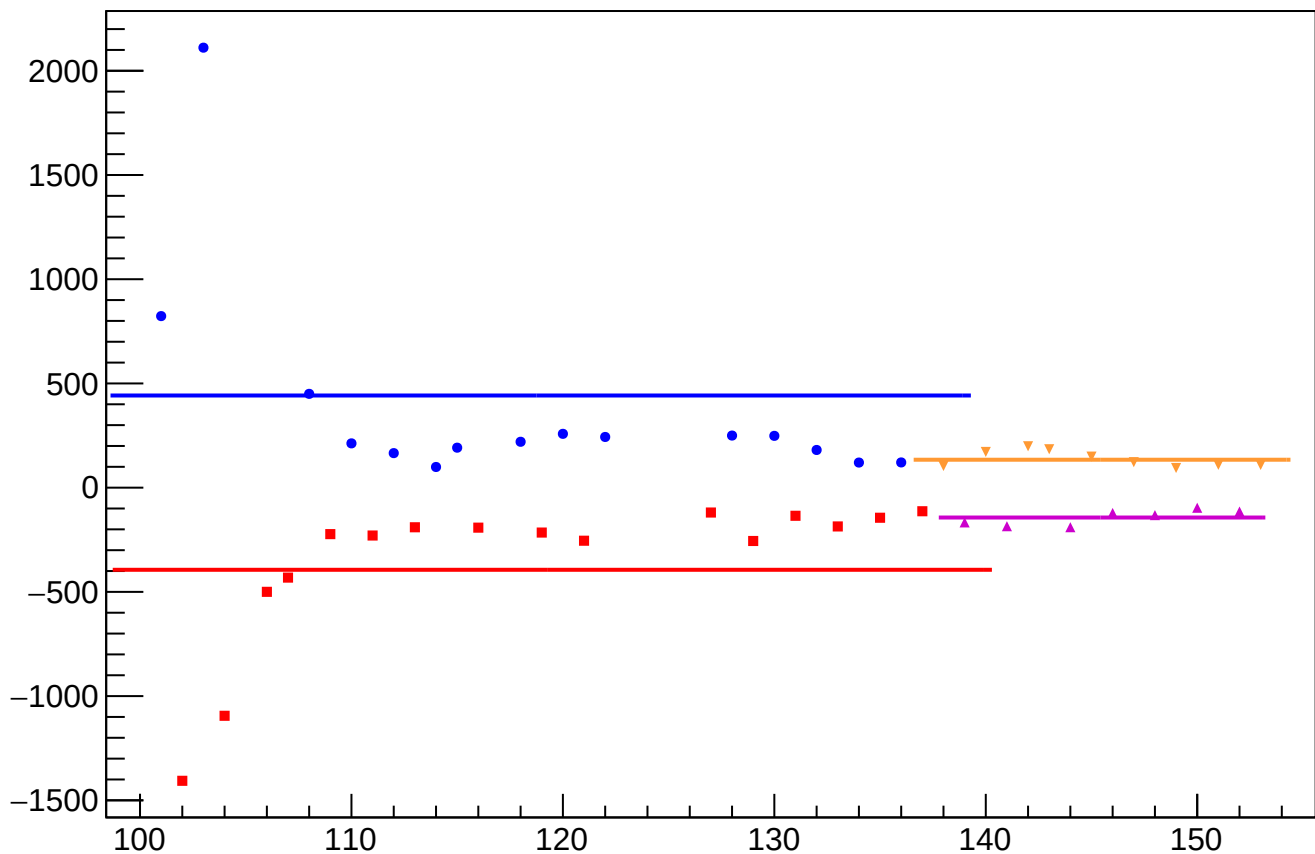
Out: 24.671 +/- 0.000 χ^2/NDF : 15096534403418099

All: -15.177 +/- 0.000 χ^2/NDF : 311404126874

dit_usr_coil6_mean vs Slug, Sign Corrected



dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162+/-0.000

χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.010+/-0.000

χ^2/NDF : 806156060780168496092301293866975232.0/8

Right Out: -394.033+/-0.000

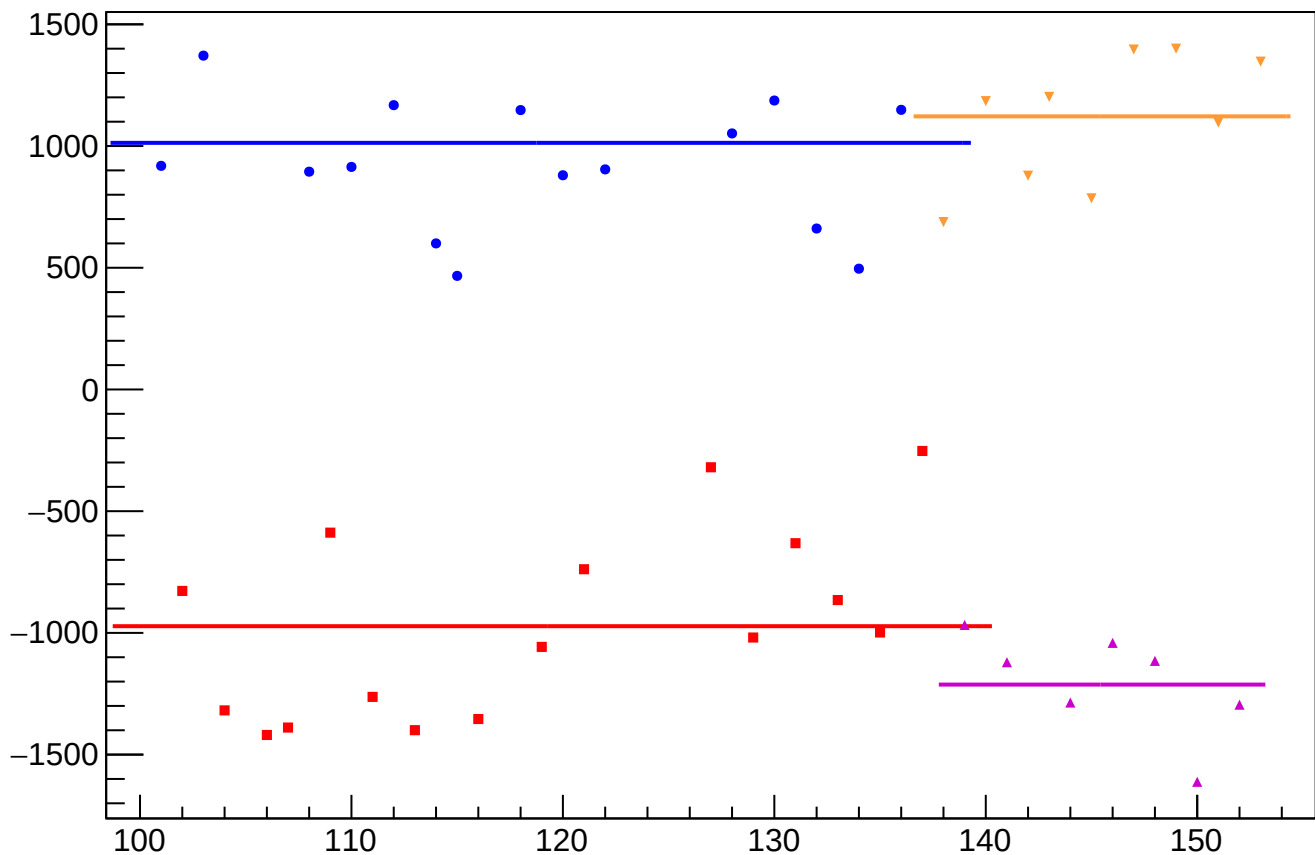
χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: -143.282+/-0.000

χ^2/NDF : 706633401233566640081713402598129664.0/6

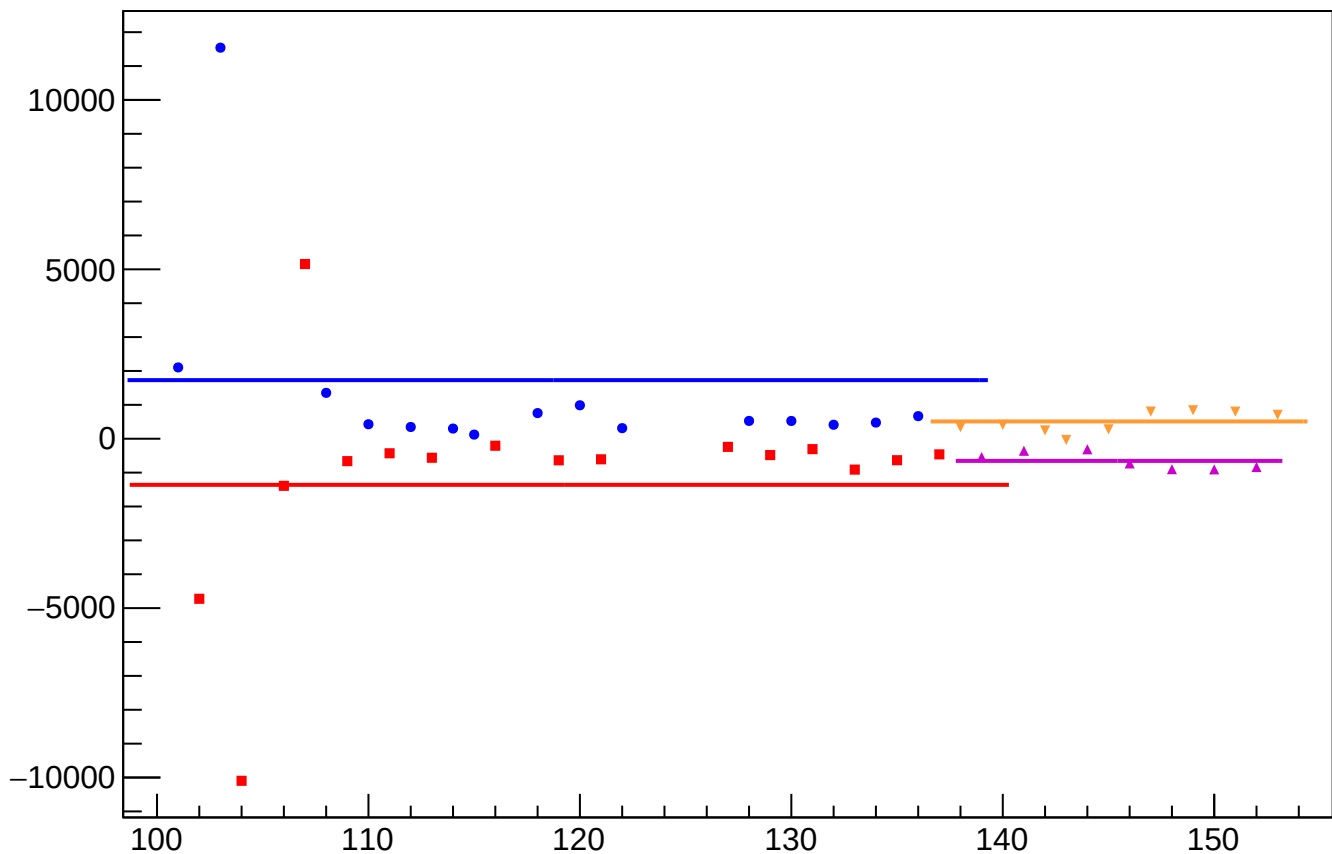
All: 11.192+/-0.000 χ^2/NDF : 5660245541660

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



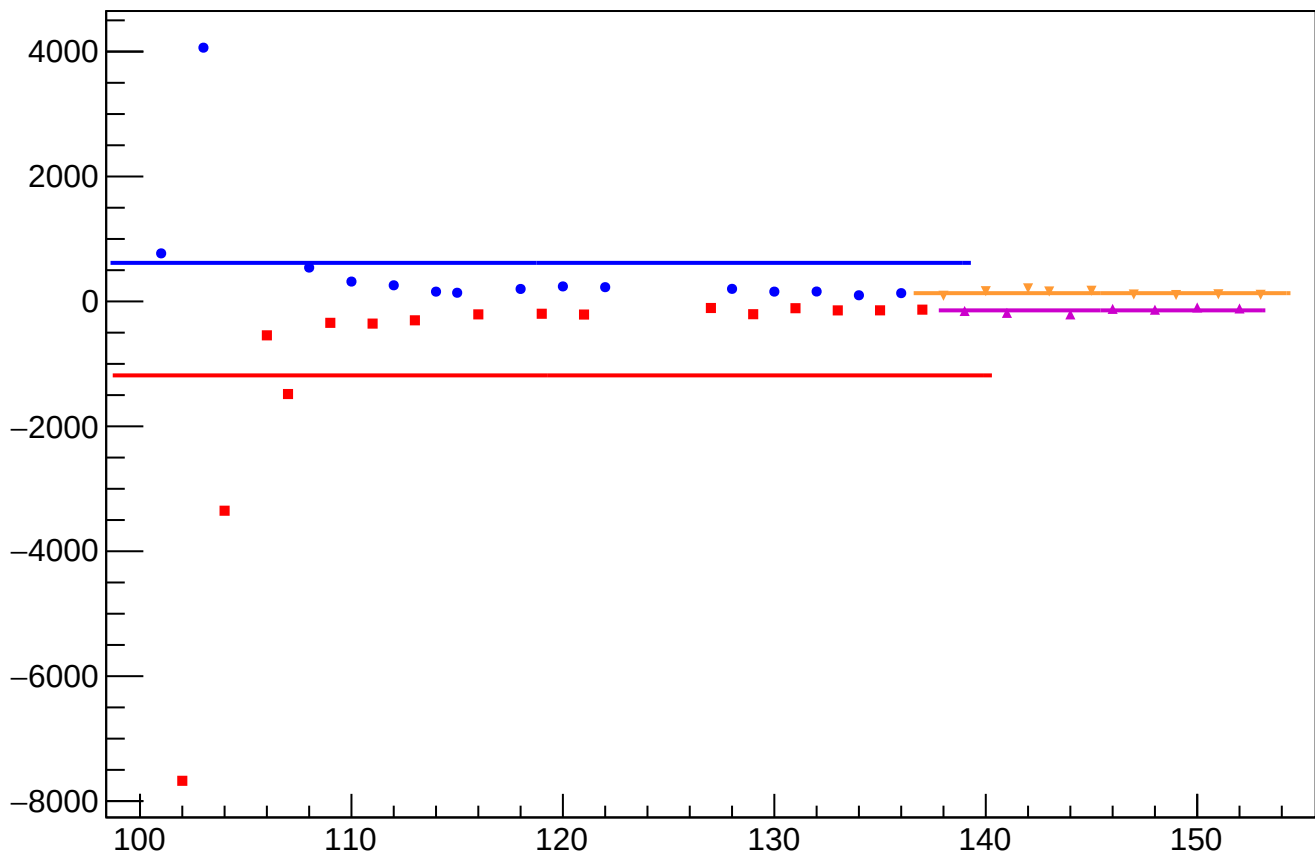
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 $\pm$ 0.000 χ^2 /NDF: 44094101174250383817095145493775777792.0/8
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 $\pm$ 0.000 χ^2 /NDF: 24411830353682588528377693132289998848.0/6
 All: 16.261 $\pm$ 0.000 χ^2 /NDF: 3210736892139

dit_atl1_coil6_mean vs Slug, Sign Corrected



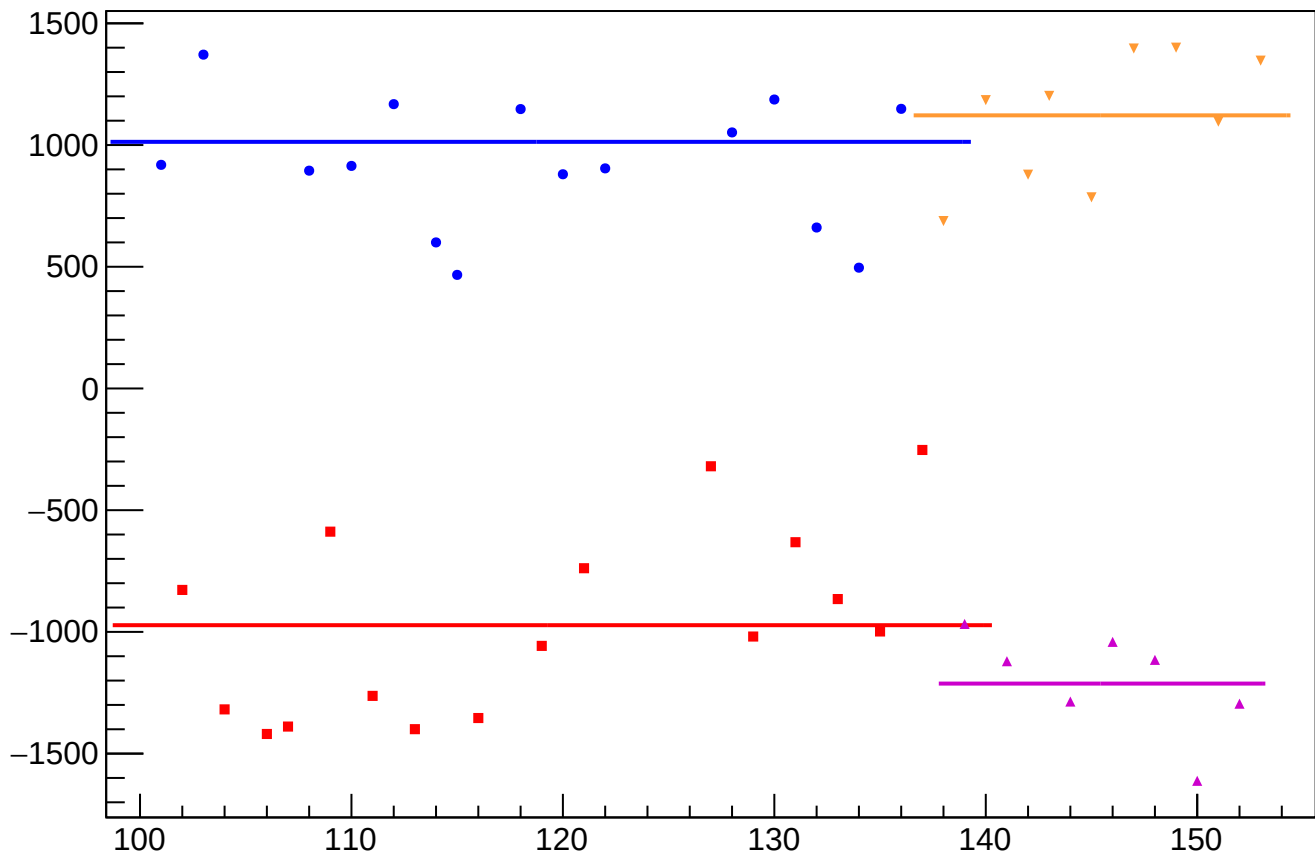
Left: -36.579+/-0.000 χ^2/NDF : 5209568757996448
 Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Right: 162.918+/-0.000 χ^2/NDF : 159853161210173
 Left Out: 510.068+/-0.000 χ^2/NDF : 56279833761616768835925849194283139072.0/8
 In: 584.112+/-0.000 χ^2/NDF : 82171480899333913
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Out: -417.772+/-0.000 χ^2/NDF : 766487507850019
 Left In: -654.290+/-0.000 χ^2/NDF : 33134802800907290342706437806832484352.0/6
 All: 64.631+/-0.000 χ^2/NDF : 1653207707234

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



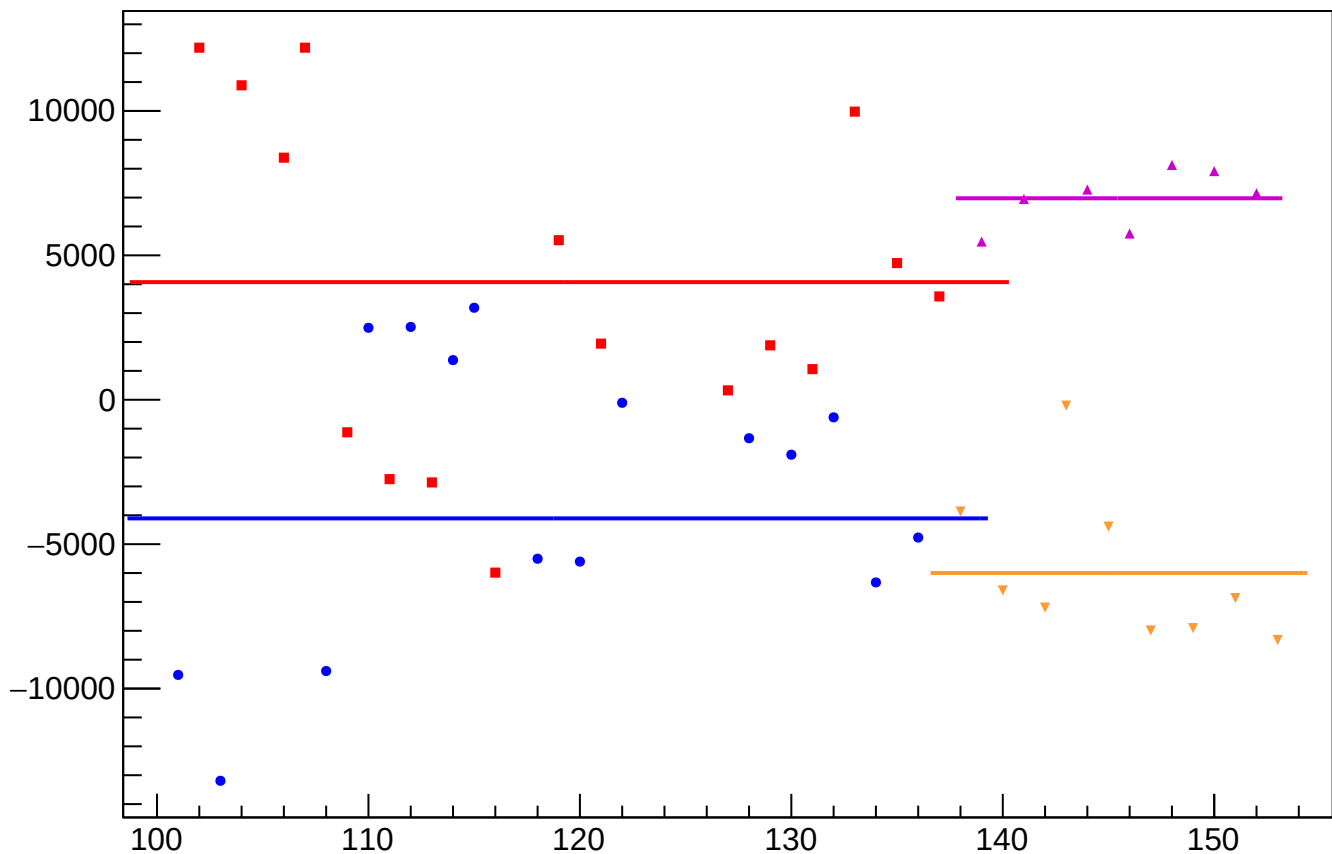
Left: 2.848 +/- 0.000 χ^2/NDF : 258601556729219856
 Right In: 617.343 +/- 0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Right: -295.811 +/- 0.000 χ^2/NDF : 50275218393015
 Left Out: 132.191 +/- 0.000 χ^2/NDF : 853590311261372421468273832085159936.0/8
 In: 251.937 +/- 0.000 χ^2/NDF : 9736003684678571
 Right Out: -1184.322 +/- 0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Out: -520.682 +/- 0.000 χ^2/NDF : 375102770628235
 Left In: -143.310 +/- 0.000 χ^2/NDF : 846605663709347297279984988351102976.0/6
 All: -148.669 +/- 0.000 χ^2/NDF : 51112136574

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



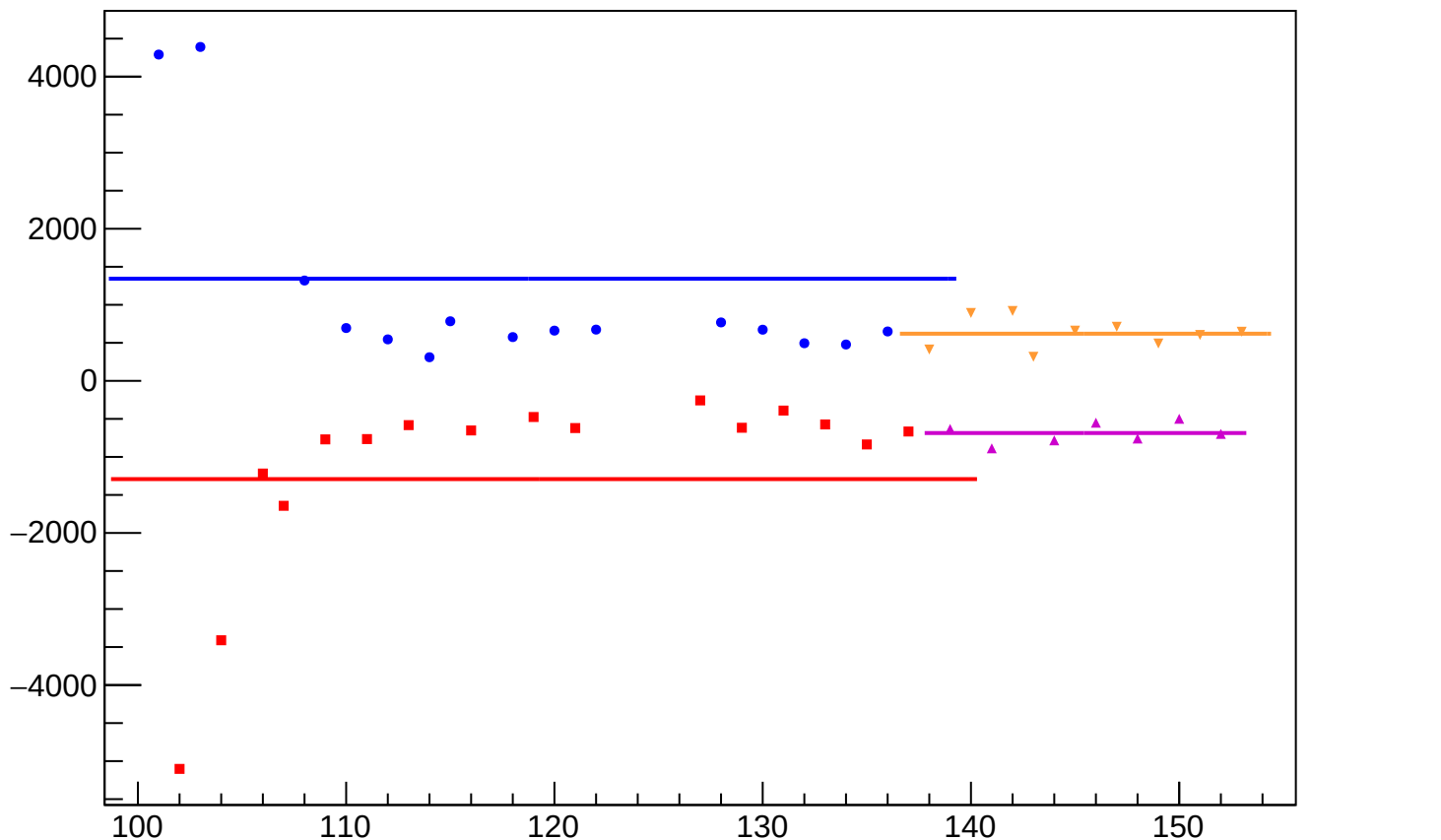
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971+/-0.000 χ^2/NDF : 44094101174250383817095145493775777792.0/8
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355+/-0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_atl2_coil6_mean vs Slug, Sign Corrected



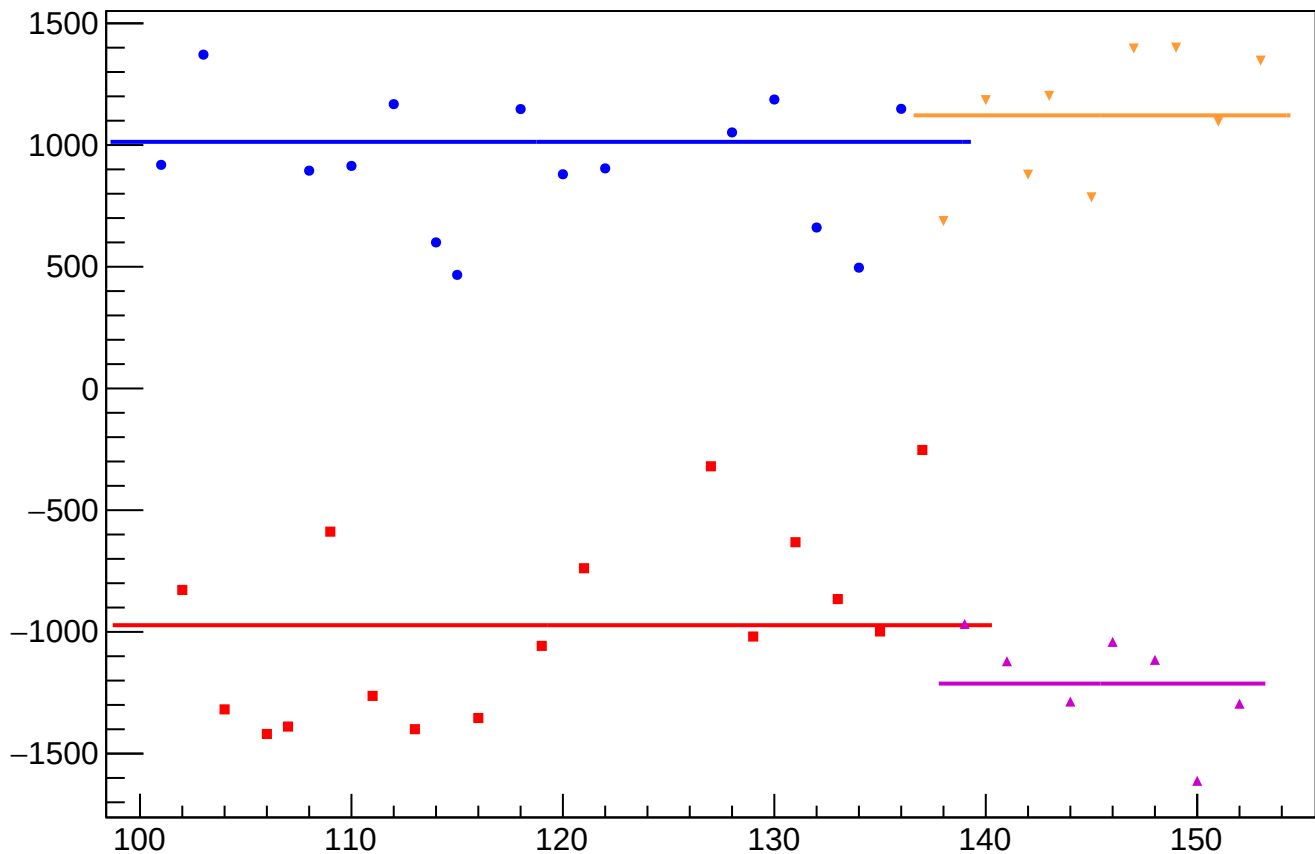
Right In: -4107.443 +/- 0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -5998.250 +/- 0.000 χ^2/NDF : 4037531108109599961297407311843076079616.0/8
 Right Out: 4072.120 +/- 0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: 6975.997 +/- 0.000 χ^2/NDF : 508395301419926267009978220619992399872.0/6
 All: 65.211 +/- 0.000 χ^2/NDF : 1150316249148

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 620.014+/-0.000 χ^2/NDF : 21996187058225849829762193588549058560.0/8
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -685.993+/-0.000 χ^2/NDF : 9675819525034394930118176615077773312.0/6
 All: 7.309+/-0.000 χ^2/NDF : 54997437505679

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 44094101174250383817095145493775777792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: 26.043+/-0.000 χ^2/NDF : 18030004013659200

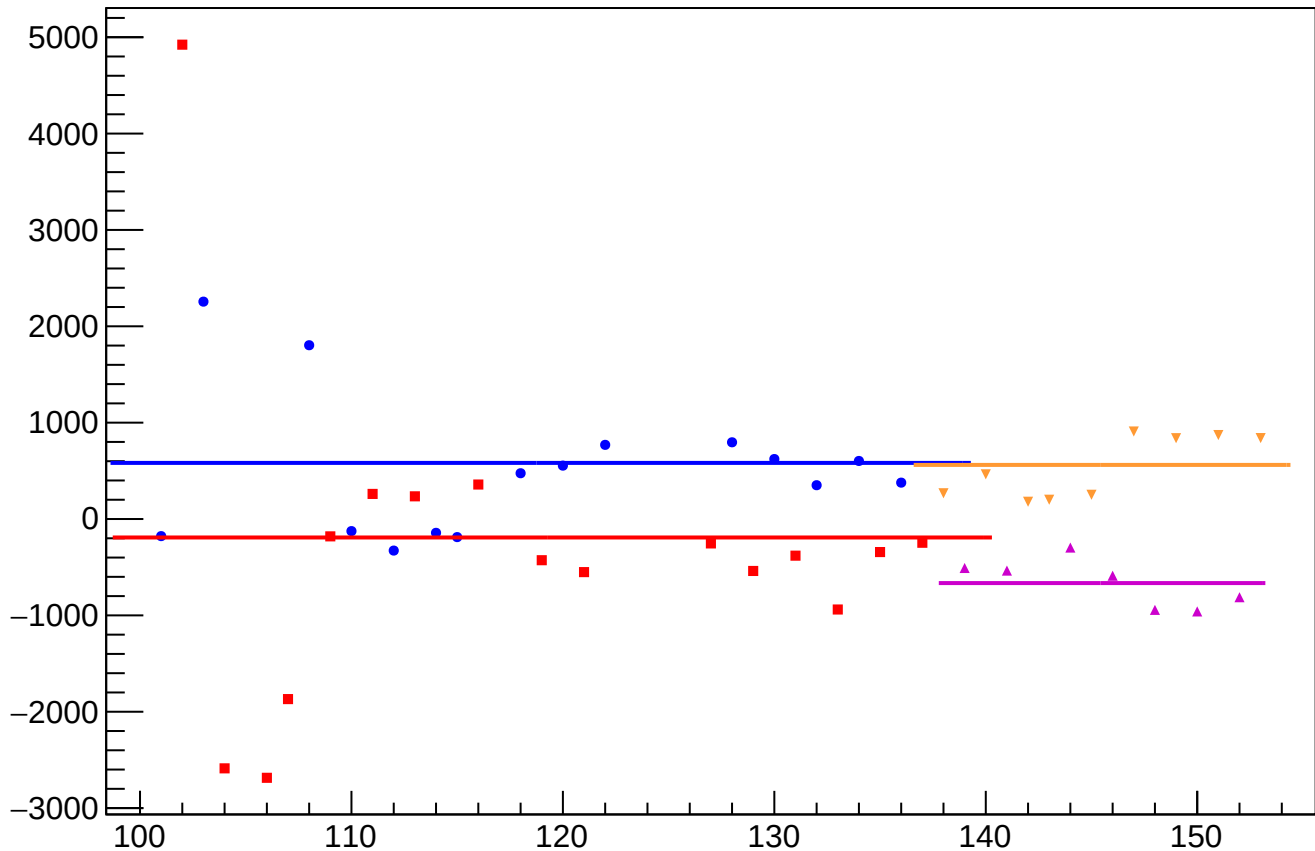
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: 83.317+/-0.000 χ^2/NDF : 15978940204823691

All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 582.390+/-0.000

χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 561.527+/-0.000

χ^2/NDF : 60614039454557733058765293383864811520.0/8

Right Out: -191.587+/-0.000

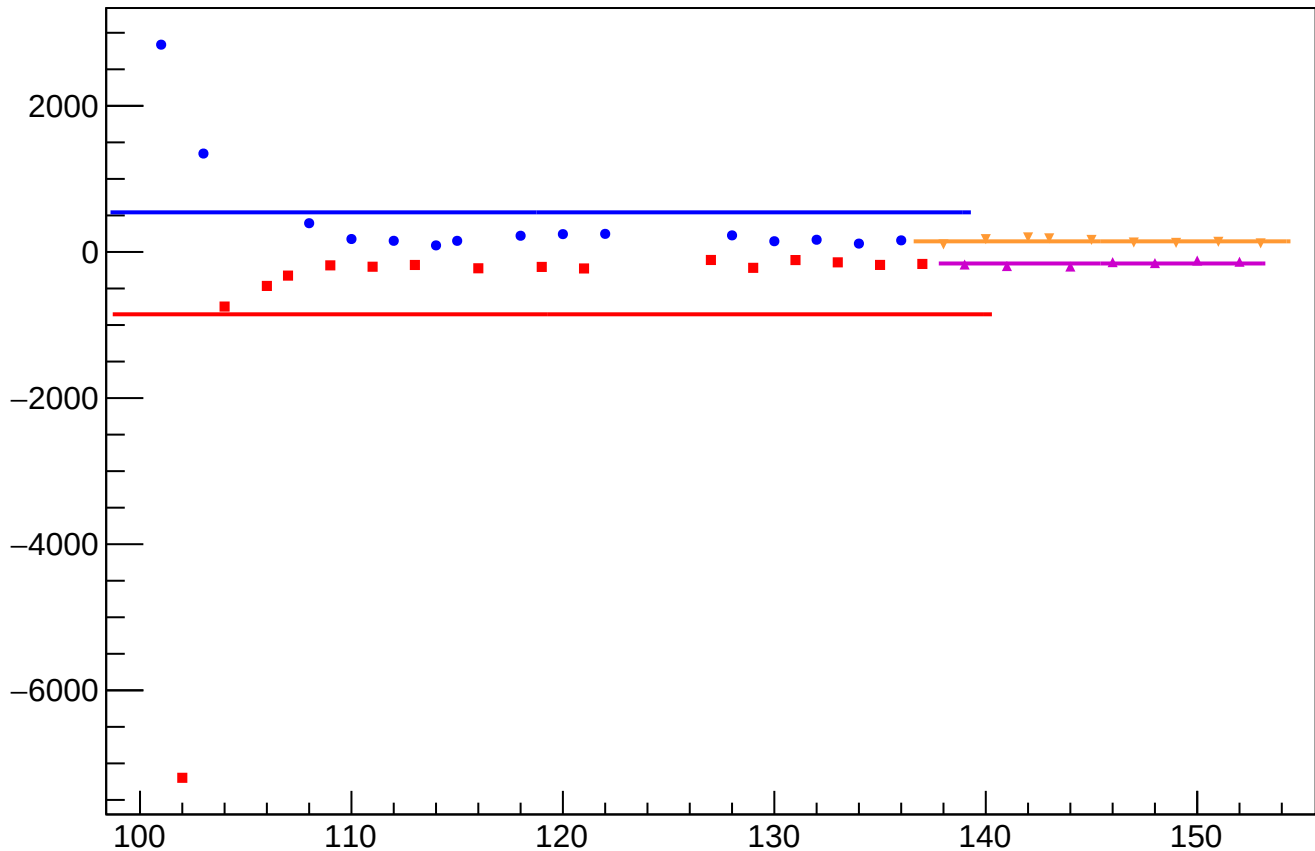
χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: -664.805+/-0.000

χ^2/NDF : 32230264088806086209955932129086930944.0/6

All: 89.443+/-0.000 χ^2/NDF : 3303221612741

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 542.328+/-0.000

χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 145.426+/-0.000

χ^2/NDF : 615303331238034804844845541961498624.0/8

Right Out: -853.203+/-0.000

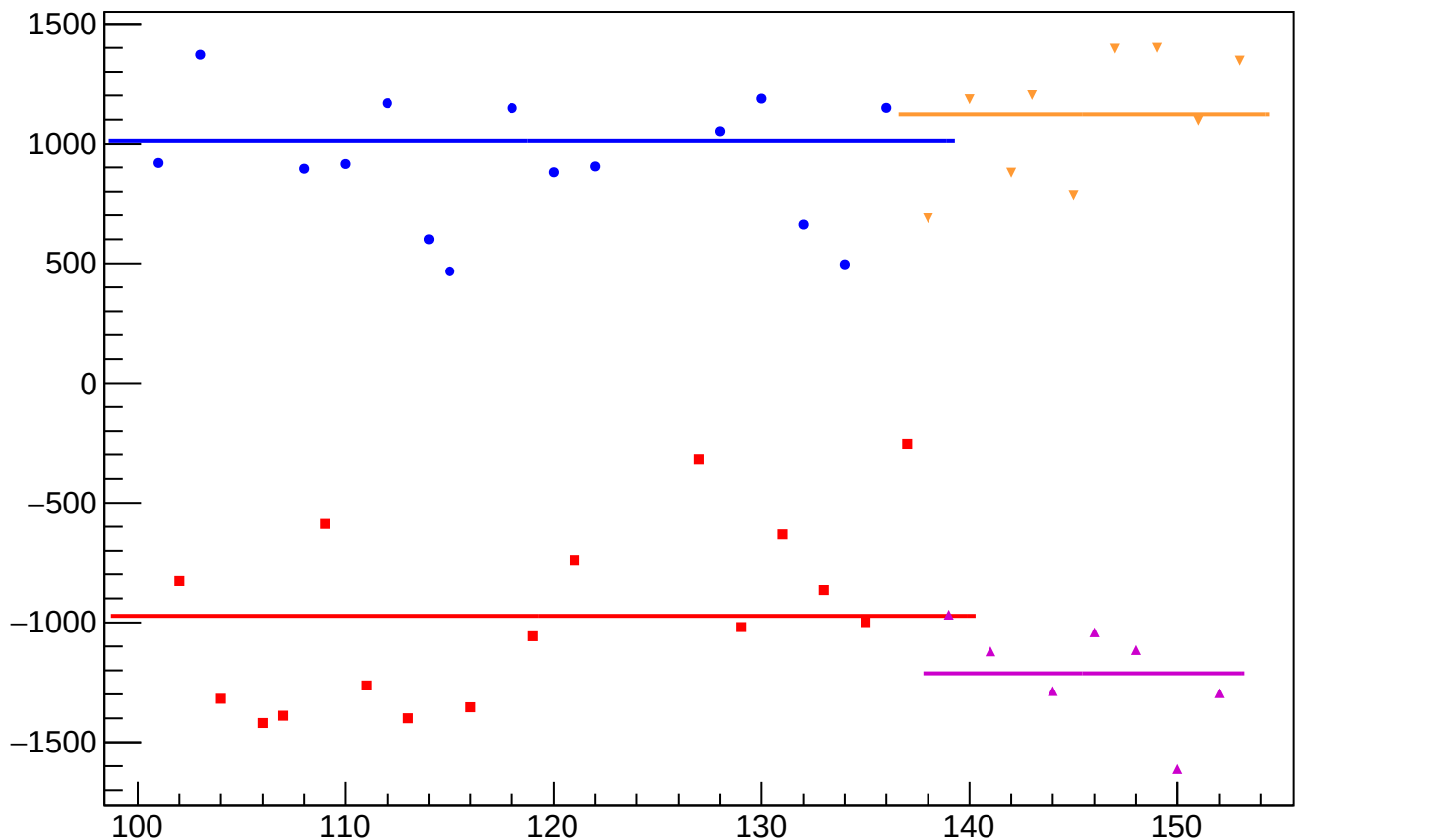
χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: -157.636+/-0.000

χ^2/NDF : 505288070943231278737918669757612032.0/6

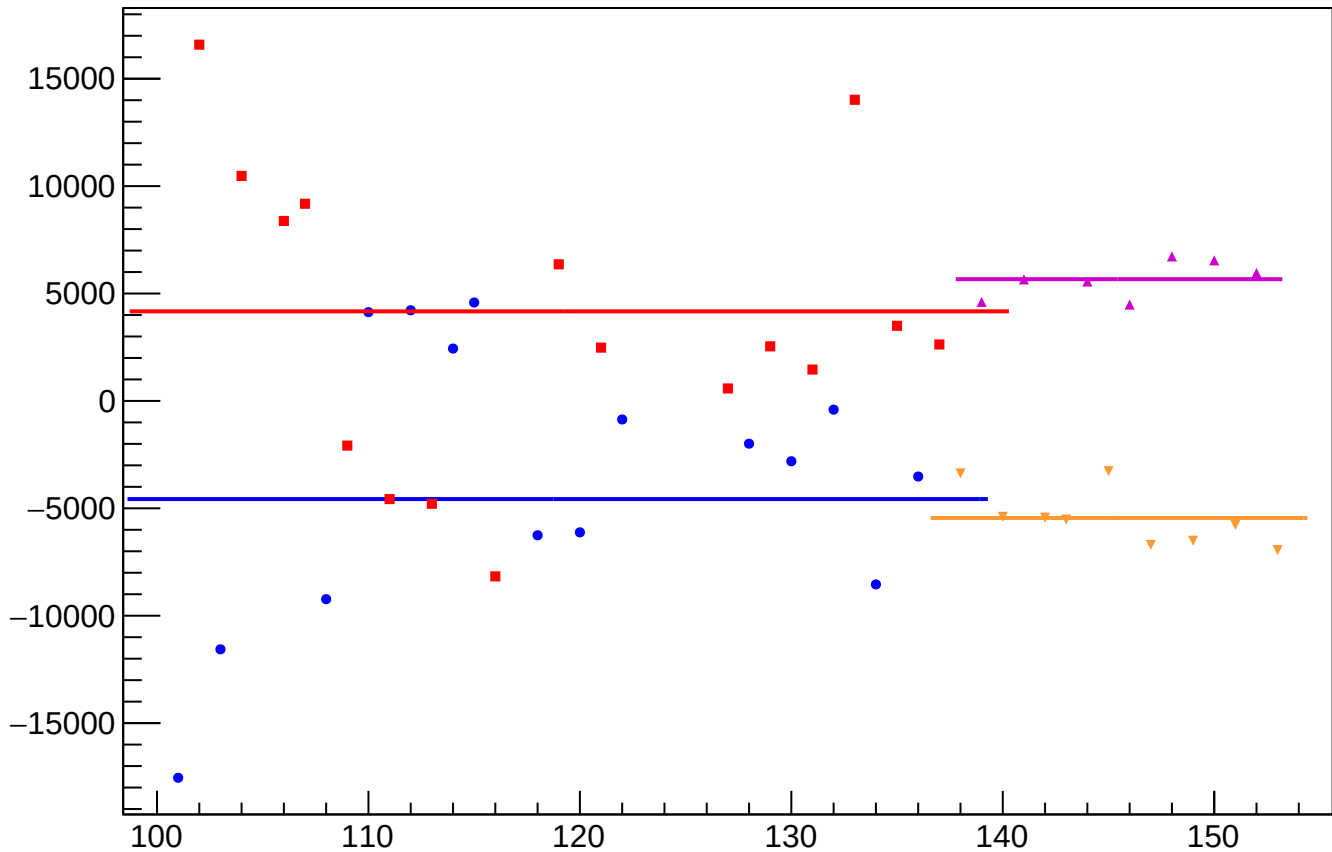
All: -82.151+/-0.000 χ^2/NDF : 367774776645

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 +/- 0.000 χ^2/NDF : 44094101174250383817095145493775777792.0/8
 Right Out: -972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 +/- 0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: 16.261 +/- 0.000 χ^2/NDF : 3210736892139

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

Left Out: -5451.181+/-0.000

Right Out: 4170.773+/-0.000

Left In: 5667.266+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

χ^2/NDF : 1136955154036747067434885012813621755904.0/8

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

χ^2/NDF : 379436048765950753677205158328851759104.0/6

Left: -231.252+/-0.000 χ^2/NDF : 408658111036432

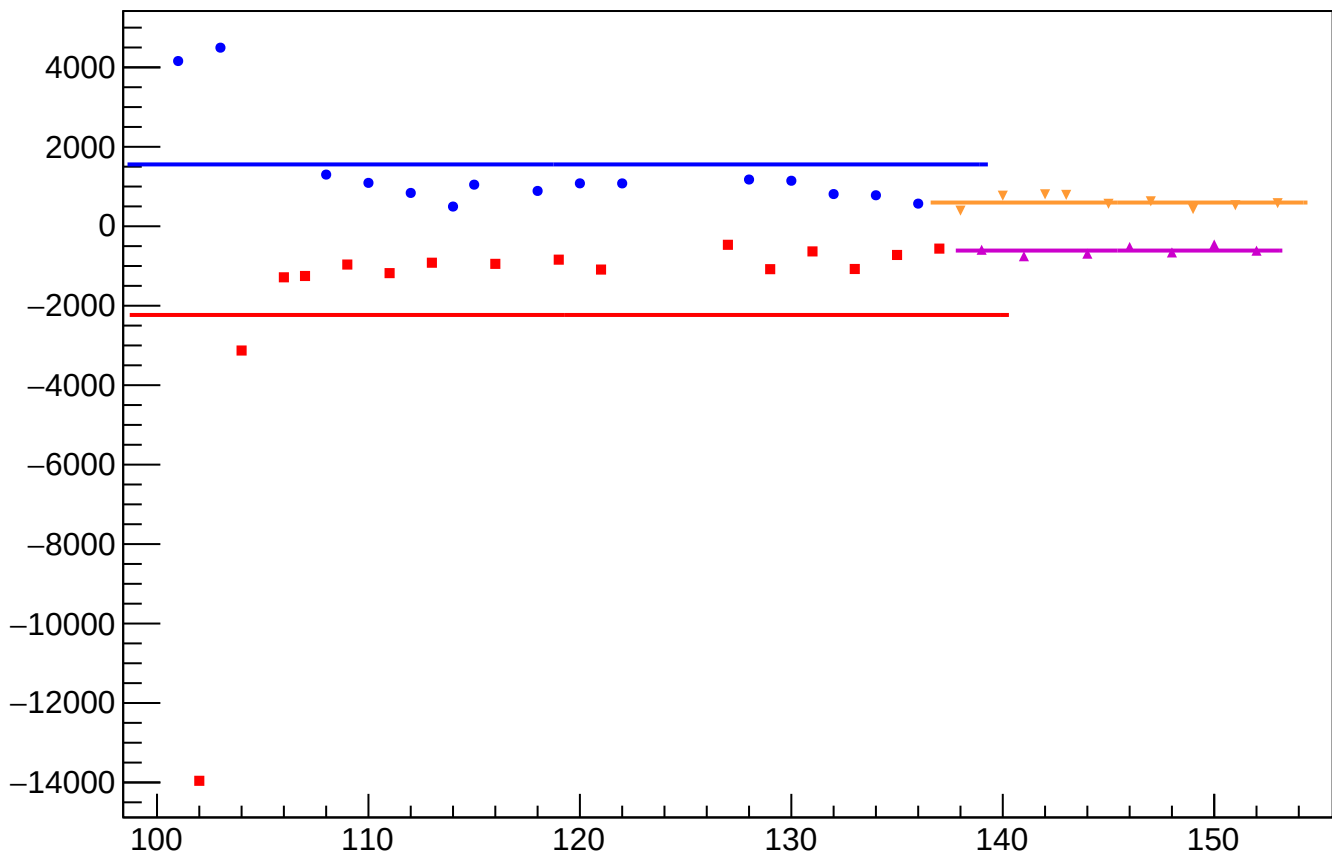
Right: -138.996+/-0.000 χ^2/NDF : 80283768430562

In: 348.707+/-0.000 χ^2/NDF : 57237556497955703

Out: -679.550+/-0.000 χ^2/NDF : 632328128231213

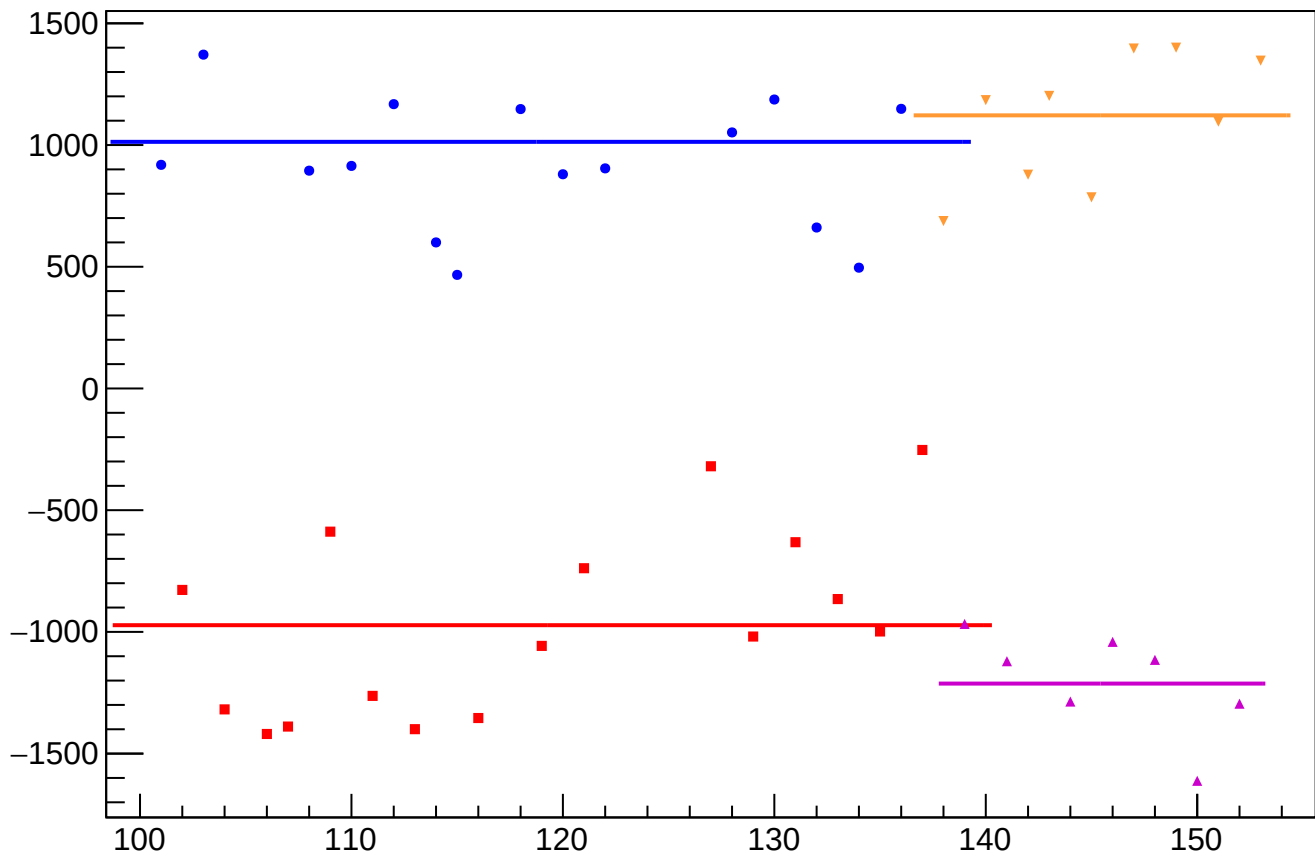
All: -184.449+/-0.000 χ^2/NDF : 12115509784

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 597.142+/-0.000 χ^2/NDF : 12970813457490549939338065264024485888.0/8
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -611.600+/-0.000 χ^2/NDF : 5307976882497448093968984100103520256.0/6
 All: -169.950+/-0.000 χ^2/NDF : 15436593377

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1121.971+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 44094101174250383817095145493775777792.0/8

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: 26.043+/-0.000 χ^2/NDF : 18030004013659200

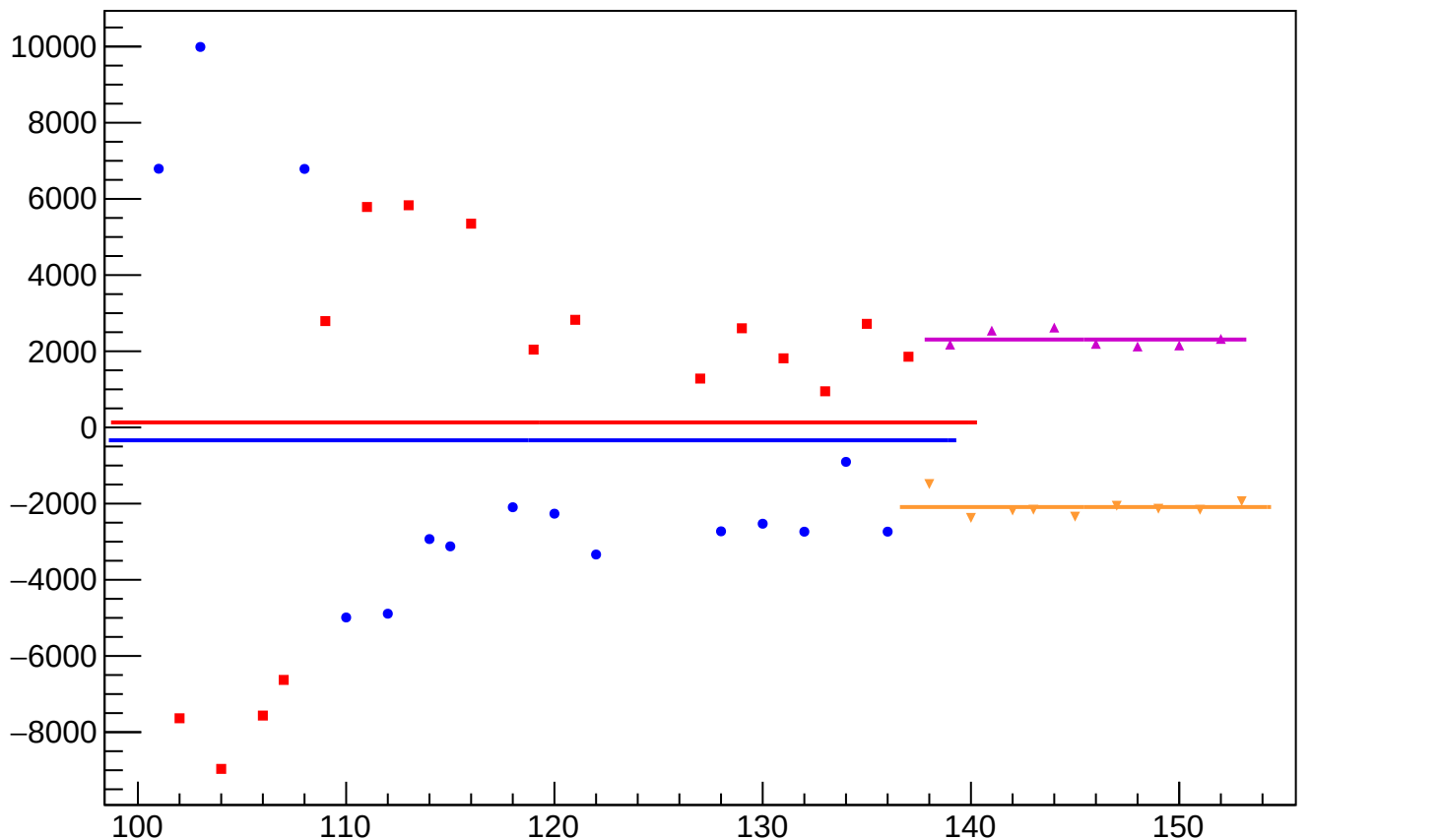
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: 83.317+/-0.000 χ^2/NDF : 15978940204823691

All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865+/-0.000

χ^2/NDF : 15152515933007079891661097940762081886208.0/14

Left Out: -2089.685+/-0.000

χ^2/NDF : 43571843800682687432292296449304035328.0/8

Right Out: 131.545+/-0.000

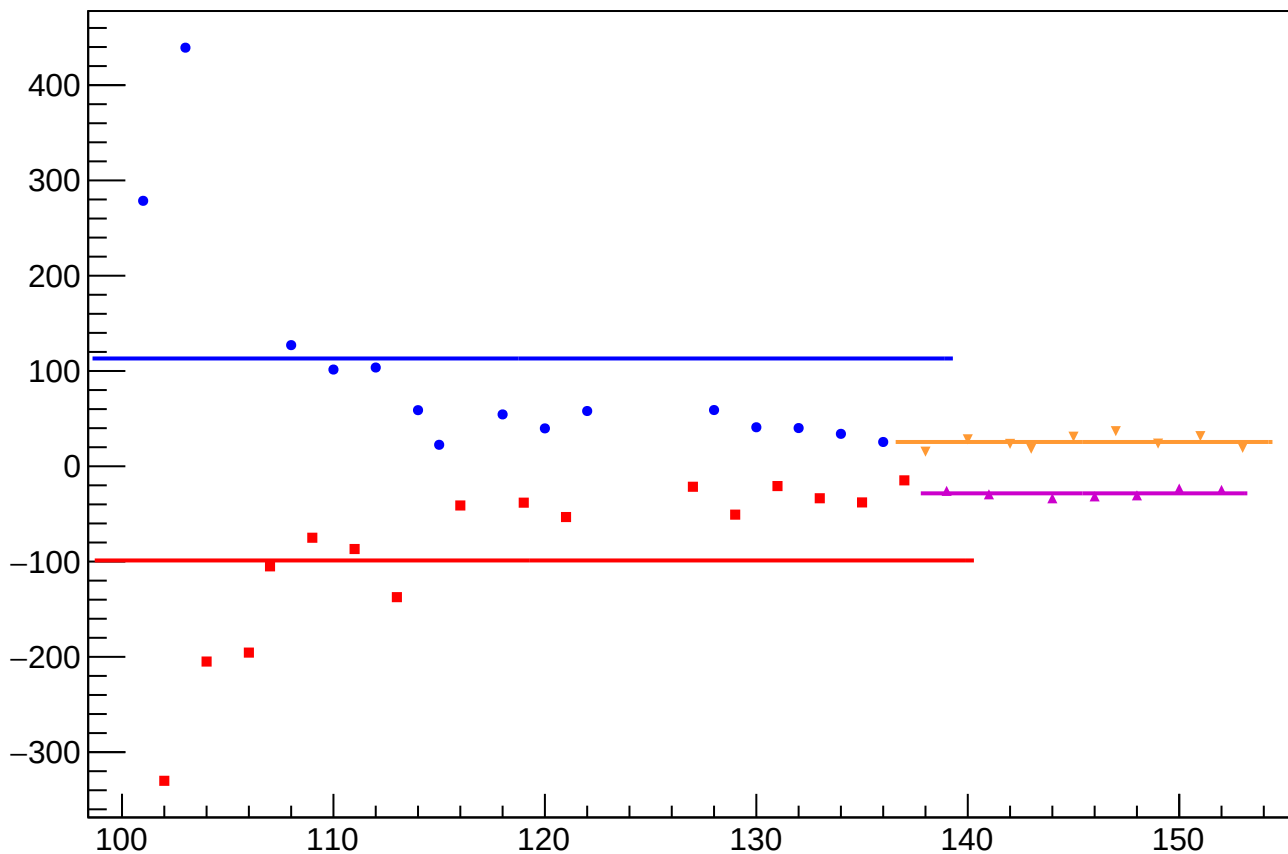
χ^2/NDF : 16473217651078877976377424419956902068224.0/15

Left In: 2307.856+/-0.000

χ^2/NDF : 20940827133163358000601398379880120320.0/6

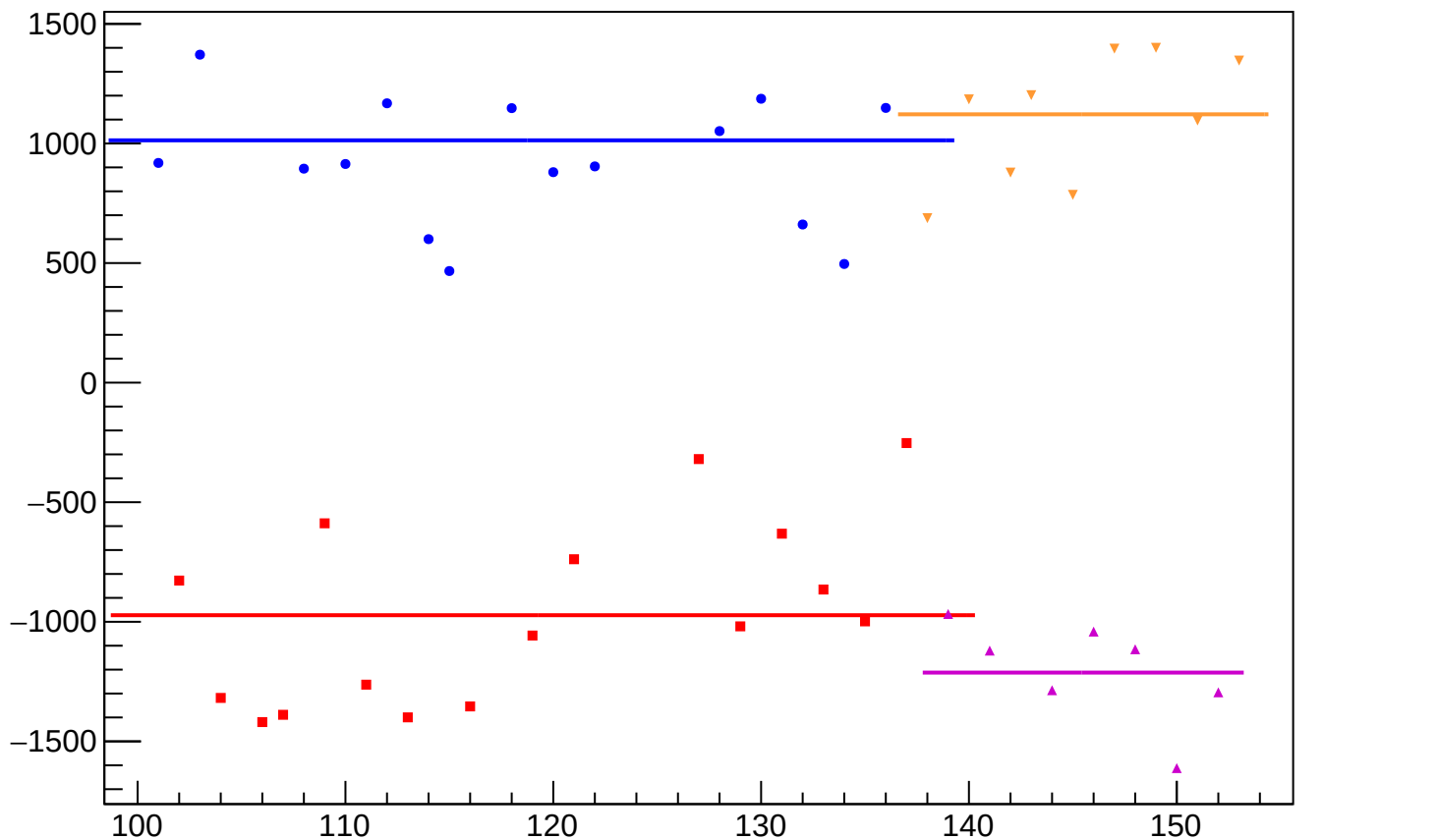
All: -63.079+/-0.000 χ^2/NDF : 379219508466

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



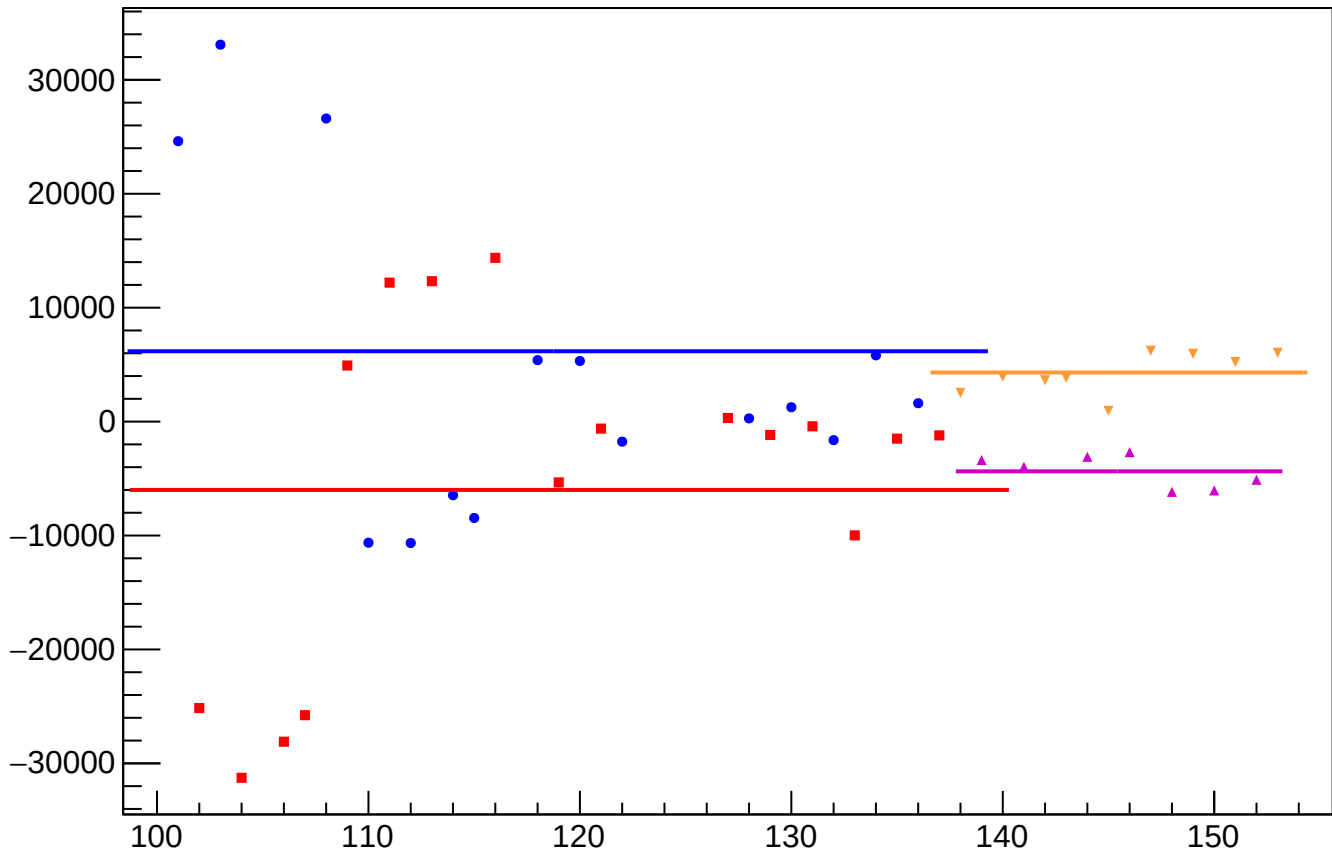
Left: 0.198 +/- 0.000 χ^2/NDF : 96388504890875936
 Right In: 113.134 +/- 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Right: 5.701 +/- 0.000 χ^2/NDF : 30279176036436111
 Left Out: 25.507 +/- 0.000 χ^2/NDF : 31143845525053928692501411675504640.0/8
 In: 45.143 +/- 0.000 χ^2/NDF : 162427299232243728
 Right Out: -98.833 +/- 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Out: -36.155 +/- 0.000 χ^2/NDF : 1073974721389558
 Left In: -28.401 +/- 0.000 χ^2/NDF : 7706123337046661027031716187865088.0/6
 All: 2.990 +/- 0.000 χ^2/NDF : 31262692199345

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: 26.043 +/- 0.000 χ^2/NDF : 18030004013659200
 Right: 6.761 +/- 0.000 χ^2/NDF : 14074954421733032
 In: -55.950 +/- 0.000 χ^2/NDF : 16002822426064709
 Out: 83.317 +/- 0.000 χ^2/NDF : 15978940204823691
 All: 16.261 +/- 0.000 χ^2/NDF : 3210736892139

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 6175.493+/-0.000

χ^2/NDF : 117260877162921223967478349050708452442112.0/14

Left Out: 4312.036+/-0.000

χ^2/NDF : 2044916118876124351752663872969061171200.0/8

Right Out: -5996.727+/-0.000

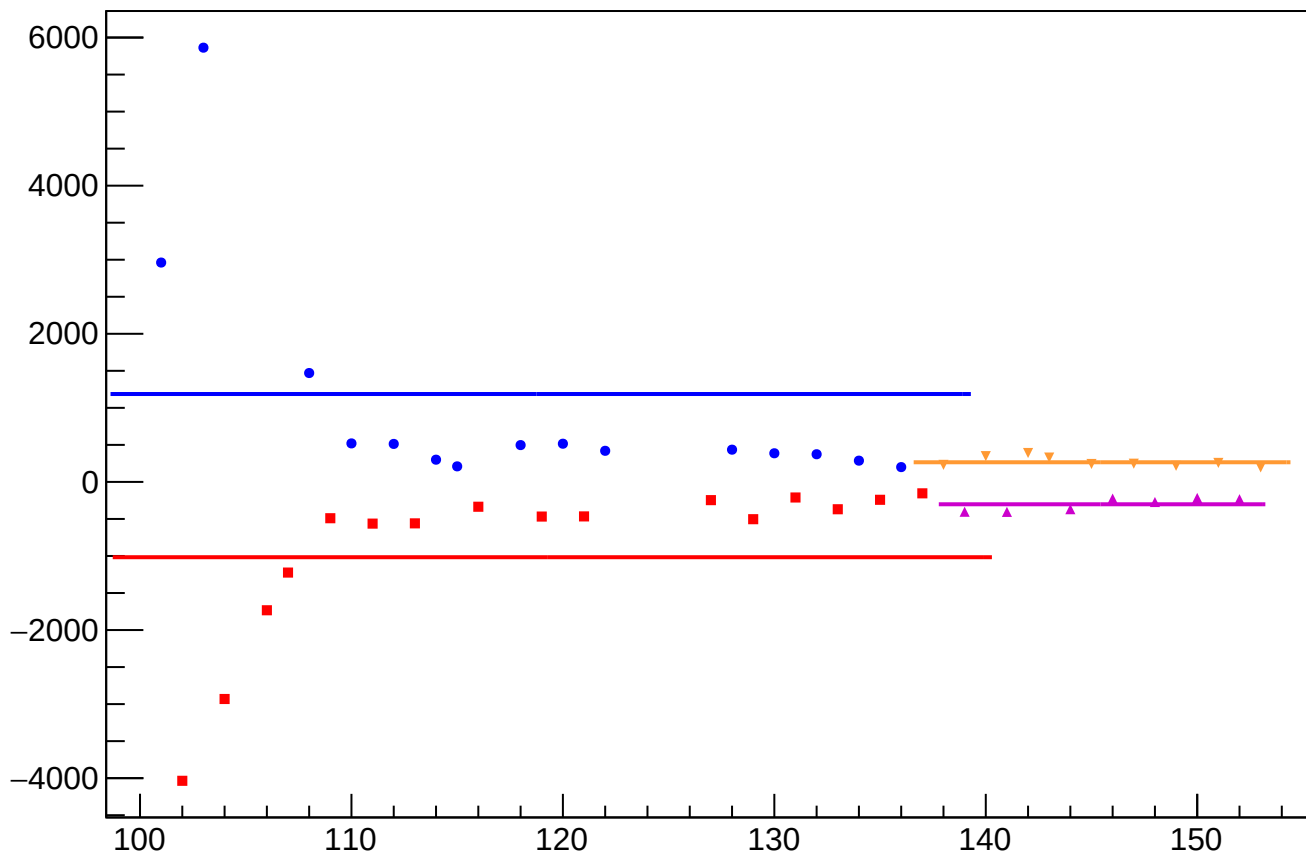
χ^2/NDF : 137057710785025136543407710107916356812800.0/15

Left In: -4365.124+/-0.000

χ^2/NDF : 1049004993224311642435668092051733348352.0/6

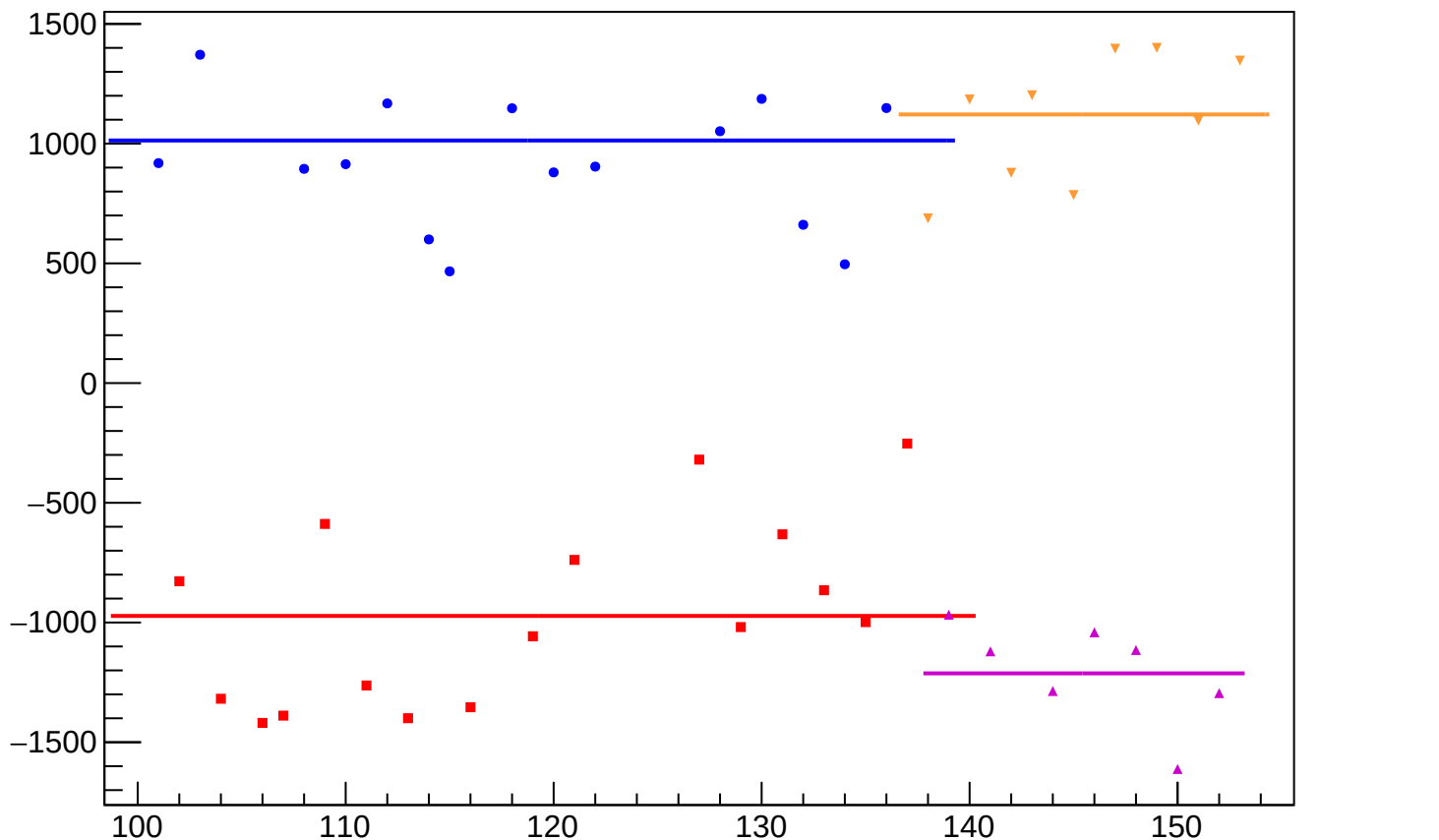
All: 120.495+/-0.000 χ^2/NDF : 330150465552

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



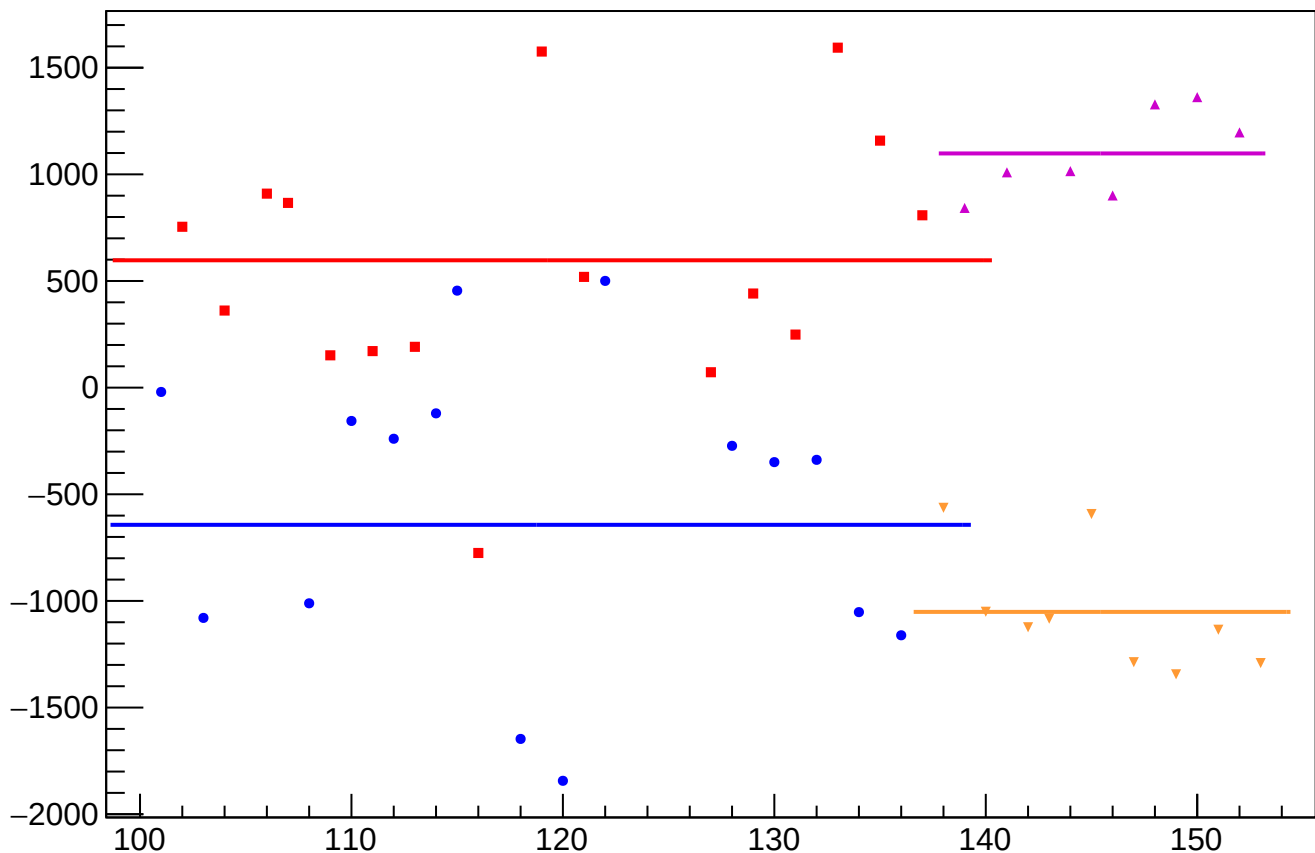
Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 265.325+/-0.000 χ^2/NDF : 2332548230649246155064474705254678528.0/8
 Right Out: -1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: -301.927+/-0.000 χ^2/NDF : 3765941488983642571863259987901939712.0/6
 All: 35.018+/-0.000 χ^2/NDF : 4433142321978

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 +/- 0.000 χ^2/NDF : 44094101174250383817095145493775777792.0/8
 Right Out: -972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 +/- 0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: 16.261 +/- 0.000 χ^2/NDF : 3210736892139

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1051.421+/-0.000

χ^2/NDF : 52906610164771603738033844630253993984.0/8

Right Out: 597.043+/-0.000

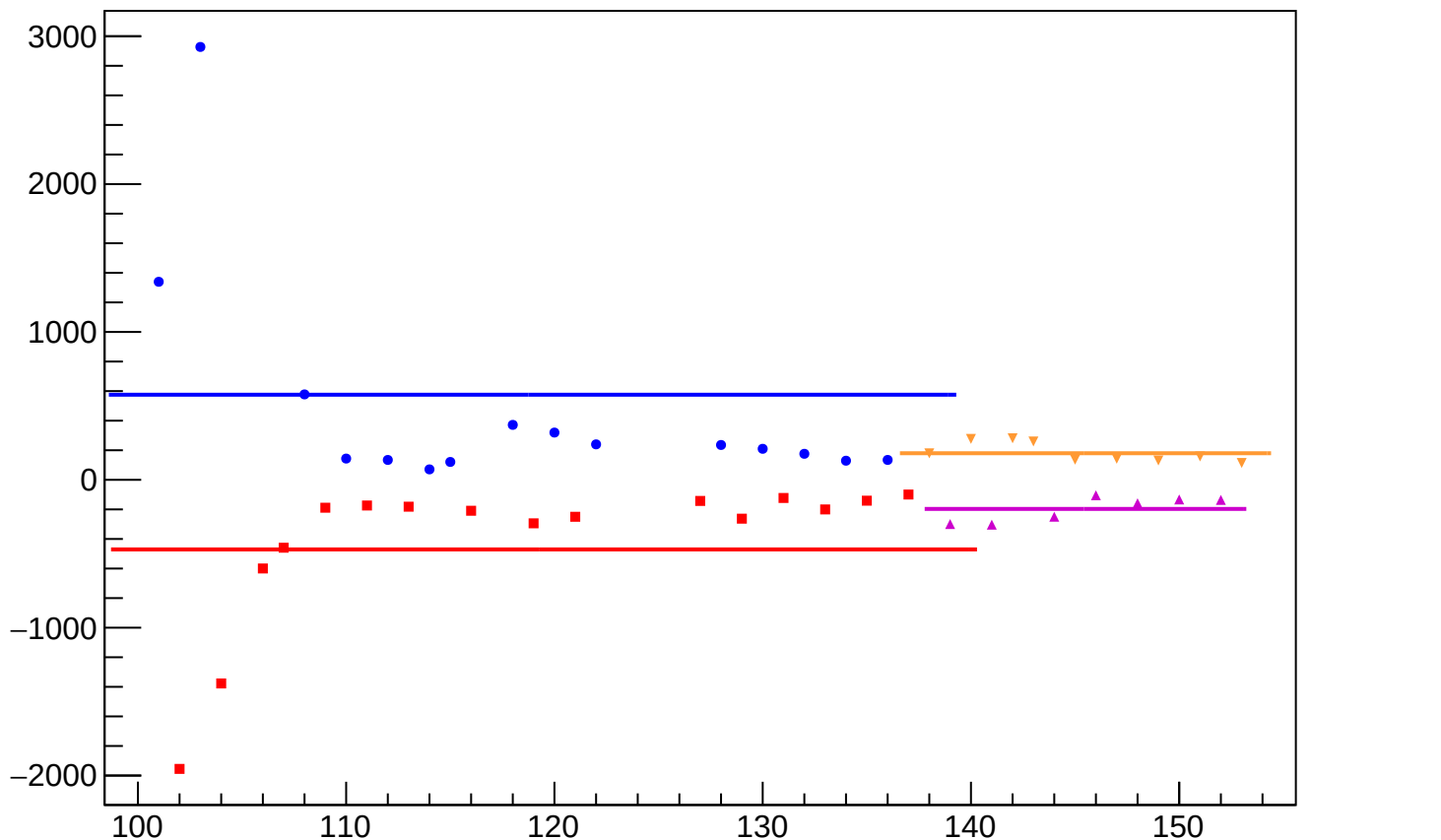
χ^2/NDF : 210733370798031449363504004319005376512.0/15

Left In: 1098.022+/-0.000

χ^2/NDF : 21419360620851738051094638546913329152.0/6

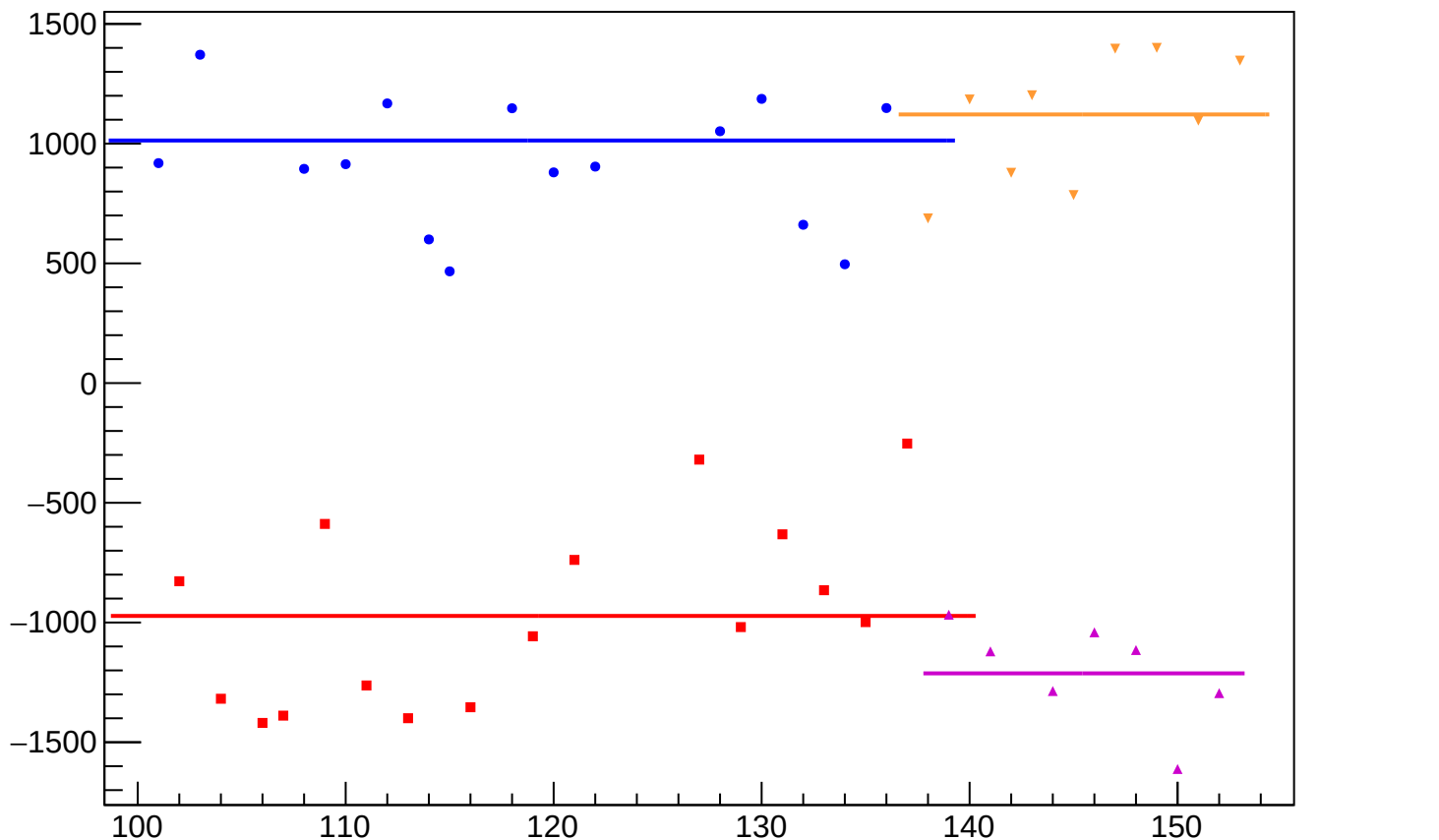
All: -28.246+/-0.000 χ^2/NDF : 253489524516

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



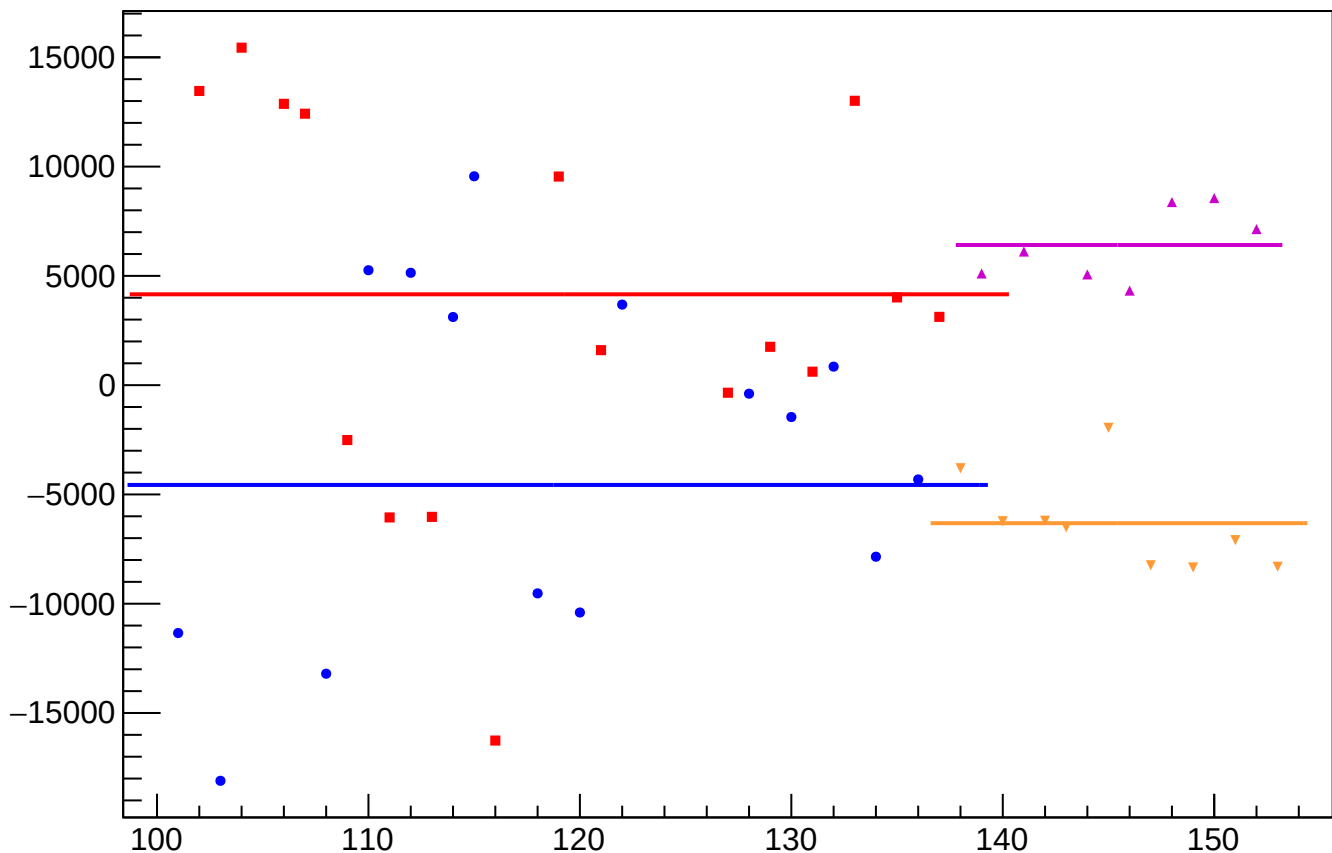
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 179.767+/-0.000 χ^2/NDF : 2534735883841469162226661621984395264.0/8
 Right Out: -470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: -196.788+/-0.000 χ^2/NDF : 3579486427049550633253987274146709504.0/6
 All: 24.425+/-0.000 χ^2/NDF : 1054460809460

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 +/- 0.000 χ^2/NDF : 44094101174250383817095145493775777792.0/8
 Right Out: -972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 +/- 0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: 16.261 +/- 0.000 χ^2/NDF : 3210736892139

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000

Left Out: -6315.519+/-0.000

Right Out: 4156.859+/-0.000

Left In: 6412.903+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

χ^2/NDF : 3057314330097142151918980180401262166016.0/8

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 1457182662372450117780607449437852139520.0/6

Left: -339.734+/-0.000 χ^2/NDF : 560847445690491

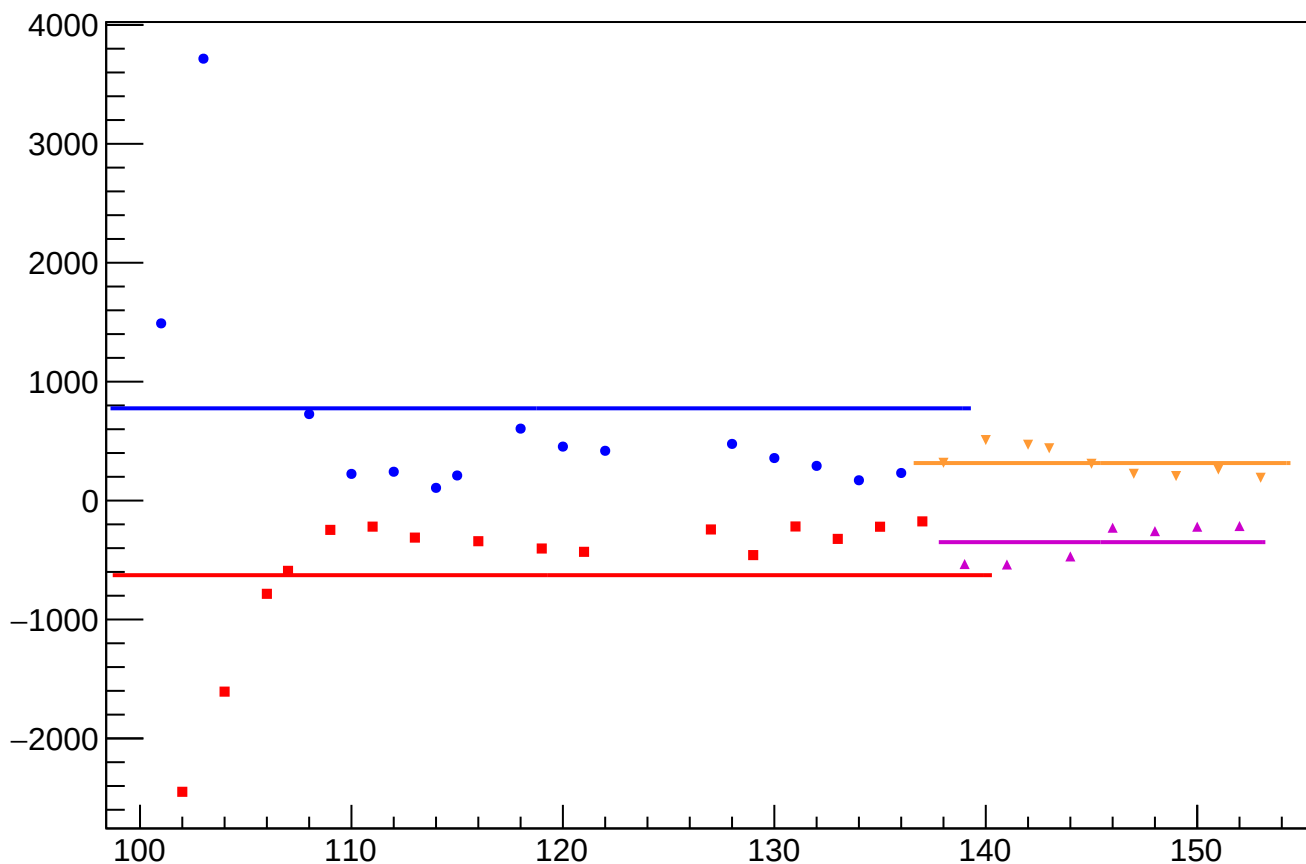
Right: -144.626+/-0.000 χ^2/NDF : 10623220696347

In: 708.398+/-0.000 χ^2/NDF : 7470046179208915

Out: -1122.154+/-0.000 χ^2/NDF : 85471075184653

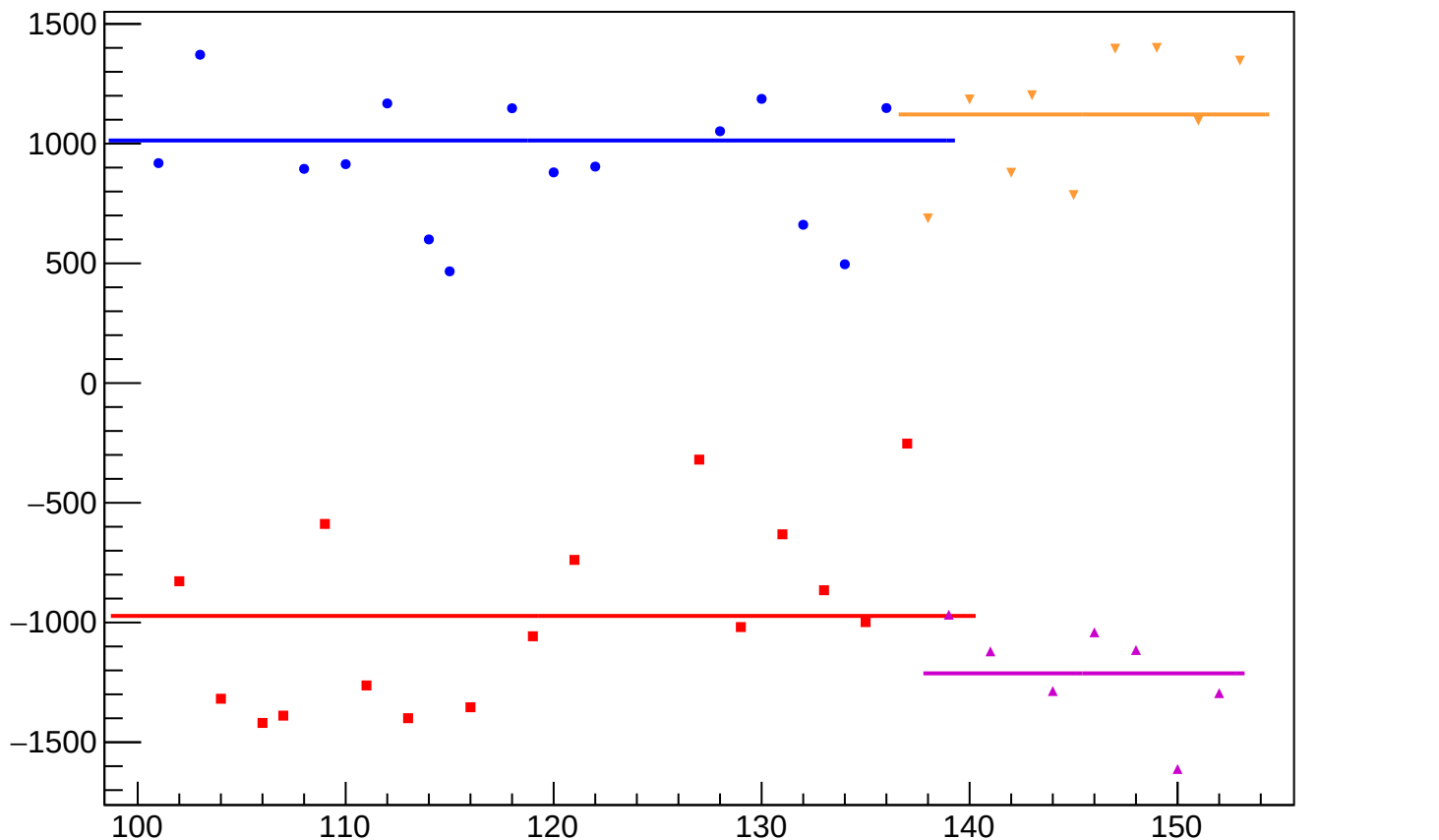
All: -240.751+/-0.000 χ^2/NDF : 16234163281

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



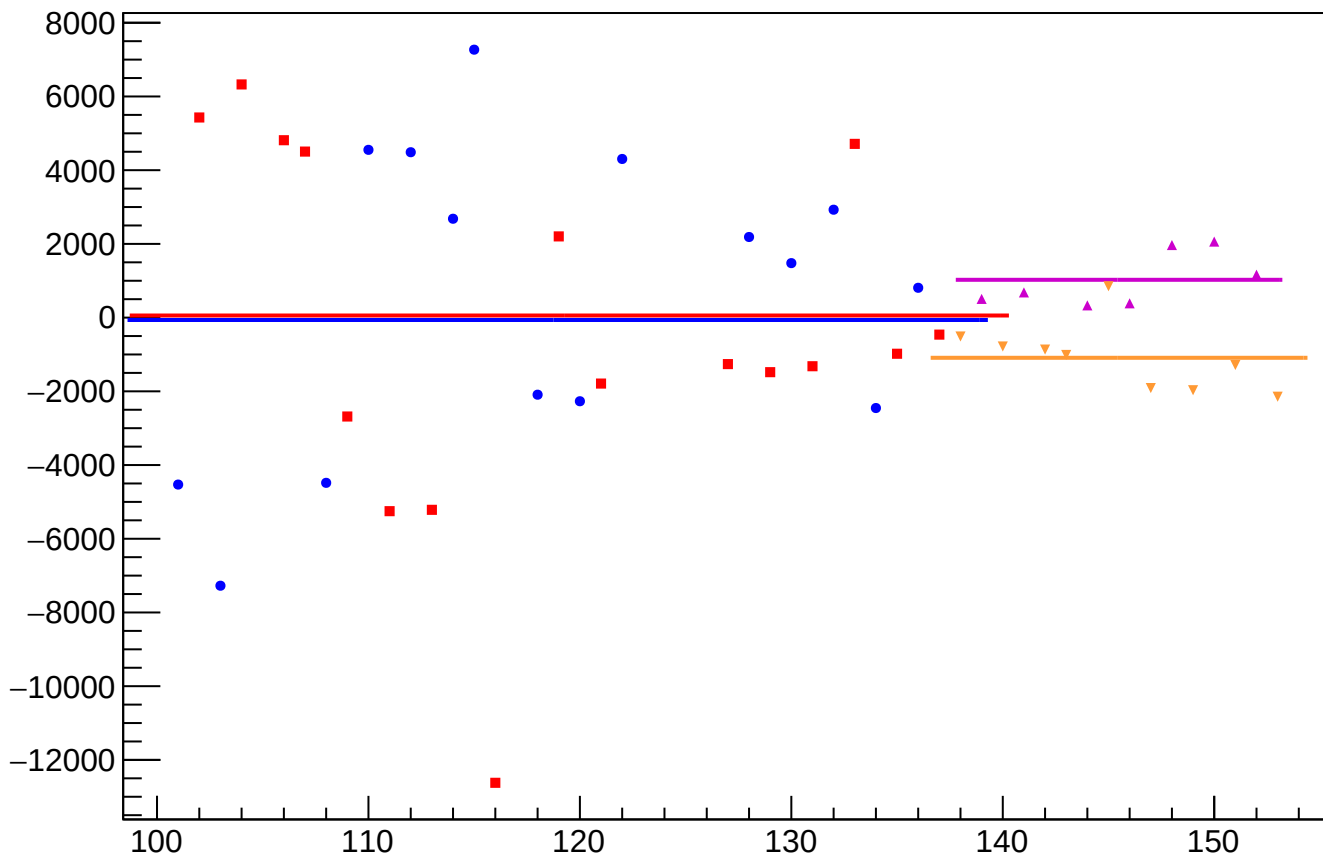
Left: 3.273 +/- 0.000 χ^2/NDF : 16128783611112849
 Right: 64.659 +/- 0.000 χ^2/NDF : 1586988053007642
 In: 235.193 +/- 0.000 χ^2/NDF : 1048836790778988
 Out: -152.032 +/- 0.000 χ^2/NDF : 604777437354749
 All: 34.415 +/- 0.000 χ^2/NDF : 1750719094932

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



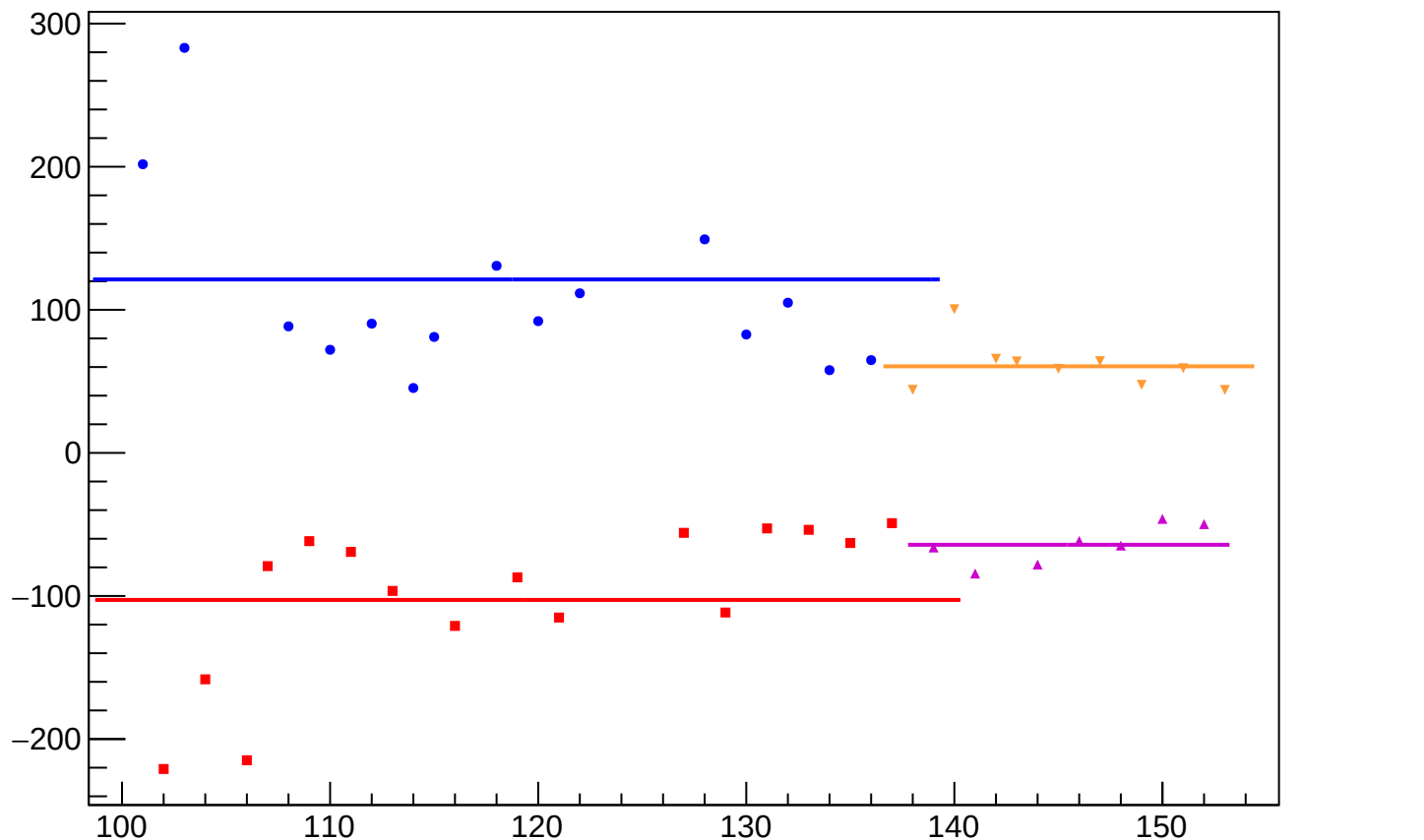
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971+/-0.000 χ^2/NDF : 44094101174250383817095145493775777792.0/8
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355+/-0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_sam5_coil6_mean vs Slug, Sign Corrected



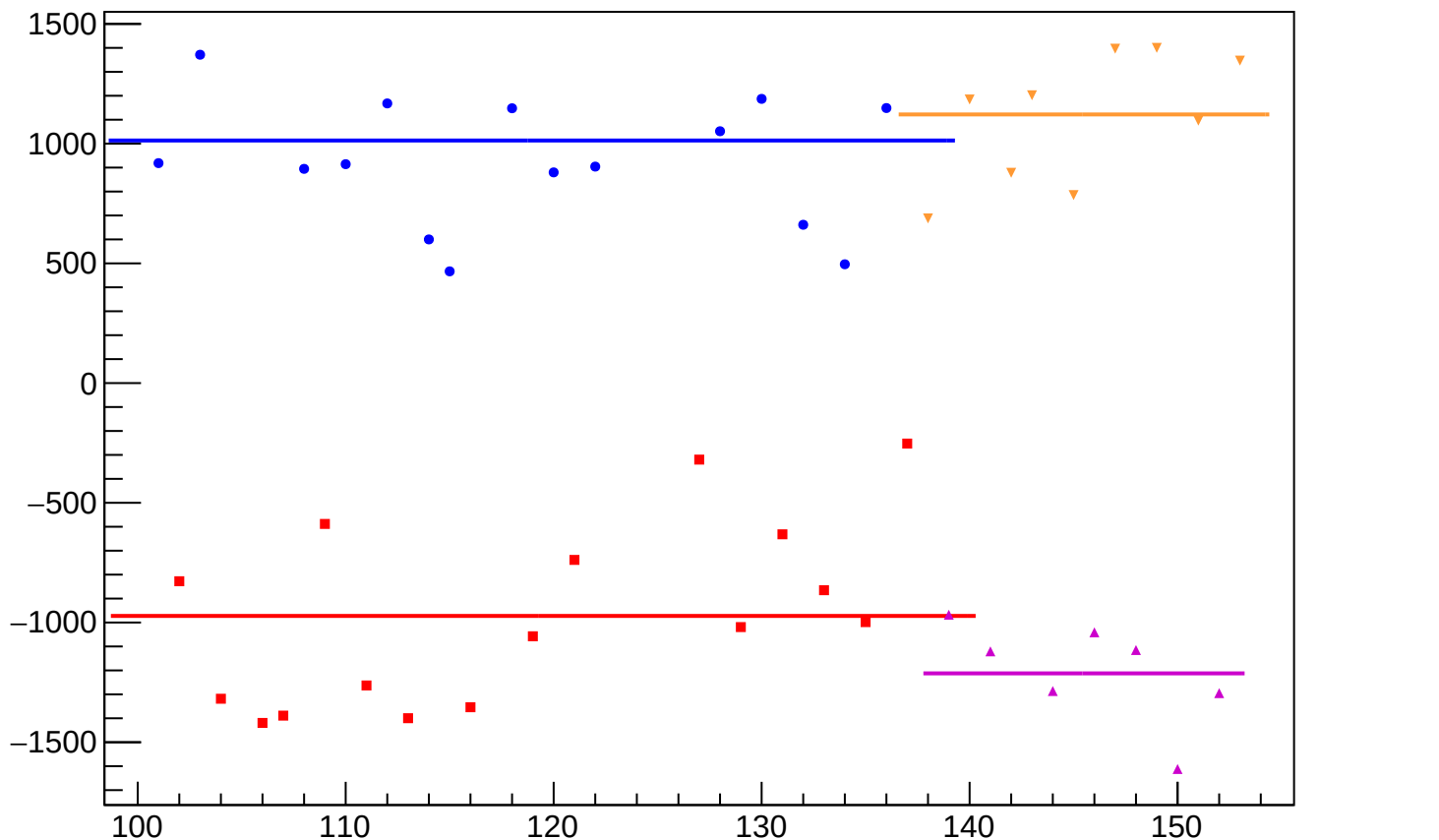
Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1090.030 ± 0.000 $\chi^2/\text{NDF}: 557106879899790376801232131965608525824.0/8$
 Right Out: 57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: 1025.904 ± 0.000 $\chi^2/\text{NDF}: 282540158516899690194382511288874958848.0/6$
 All: -49.094 ± 0.000 $\chi^2/\text{NDF}: 256705469601$

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



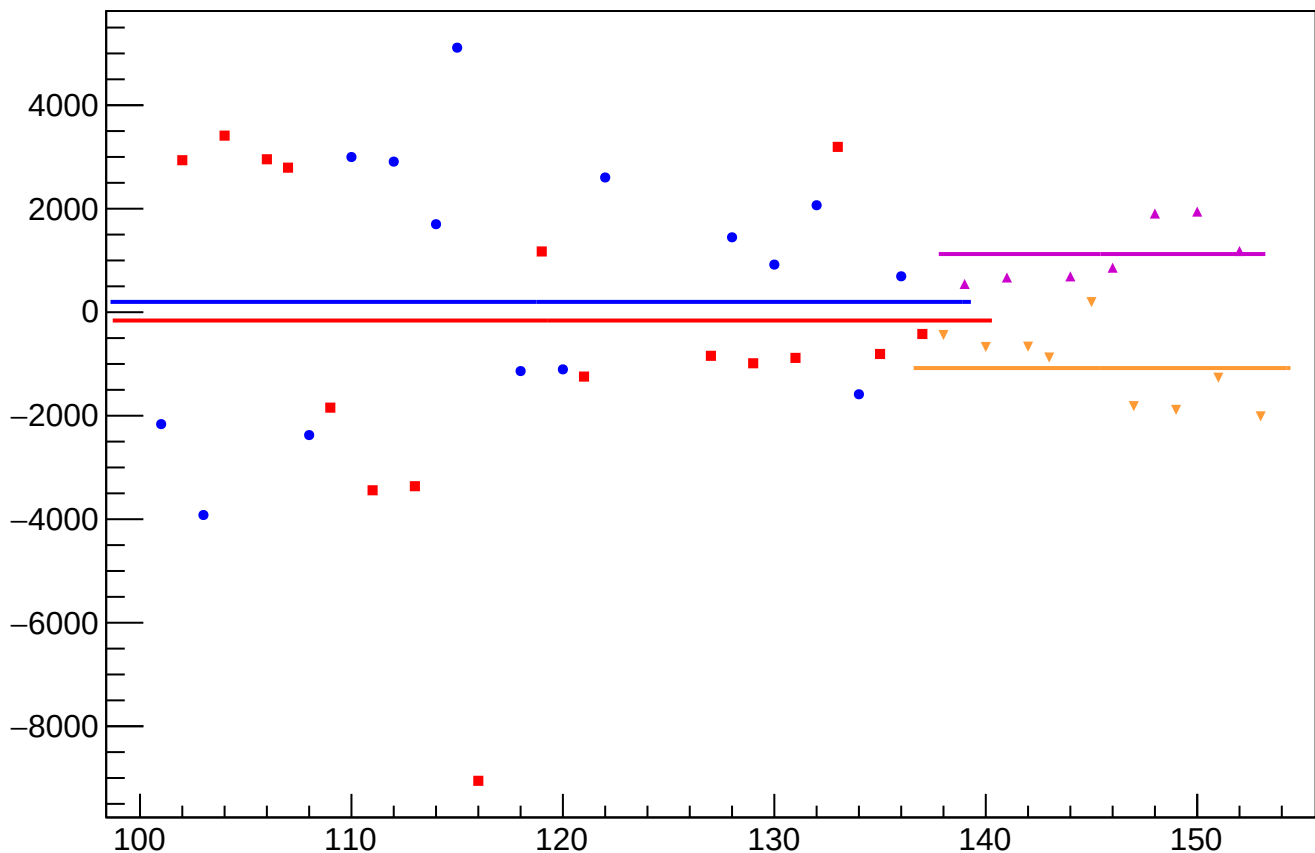
Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 60.506 $\pm$ 0.000 χ^2 /NDF: 192059127544567289416488708107927552.0/8
 Right Out: -102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: -64.223 $\pm$ 0.000 χ^2 /NDF: 100157457897746131882614860483133440.0/6
 All: 4.870 $\pm$ 0.000 χ^2 /NDF: 26458009998141

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



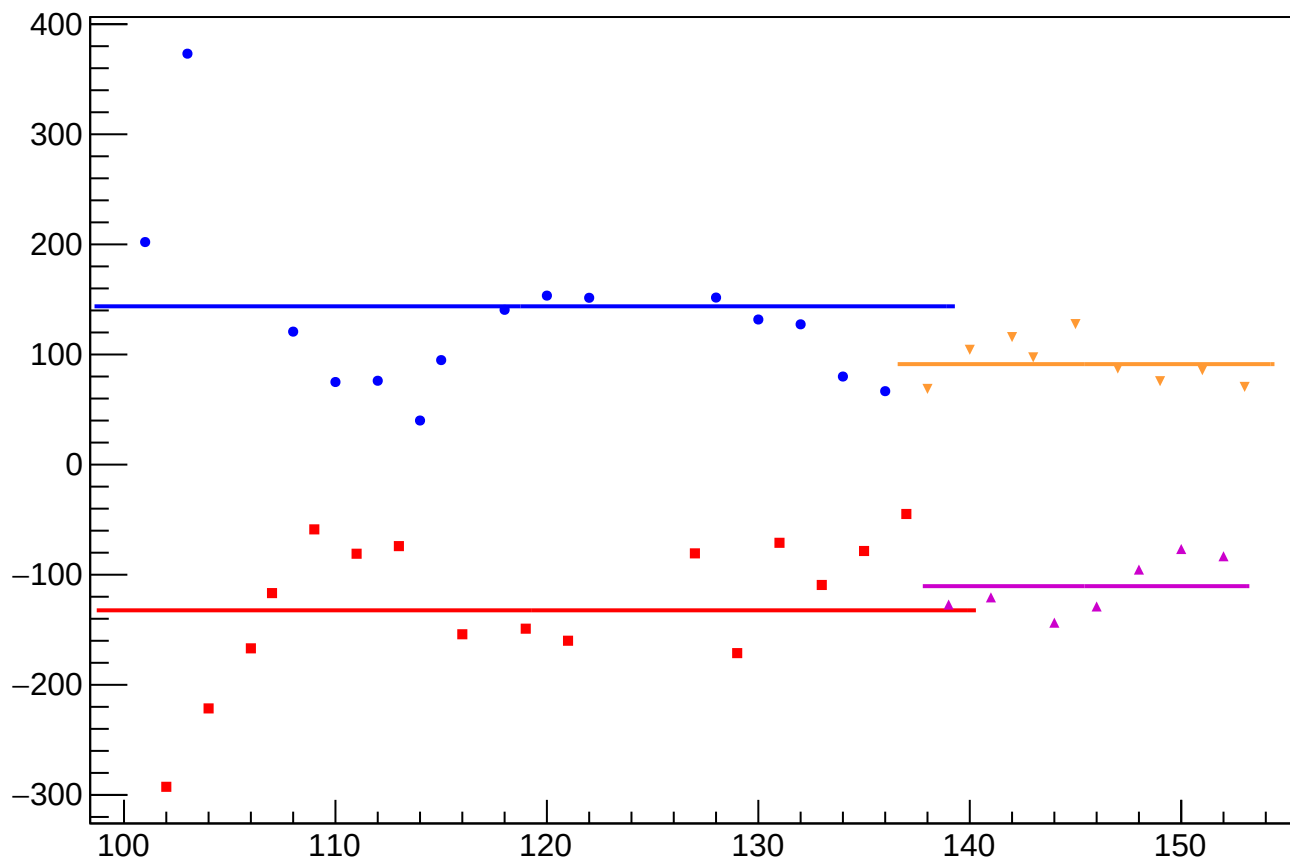
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 $\pm$ 0.000 χ^2 /NDF: 44094101174250383817095145493775777792.0/8
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 $\pm$ 0.000 χ^2 /NDF: 24411830353682588528377693132289998848.0/6
 All: 16.261 $\pm$ 0.000 χ^2 /NDF: 3210736892139

dit_sam6_coil6_mean vs Slug, Sign Corrected



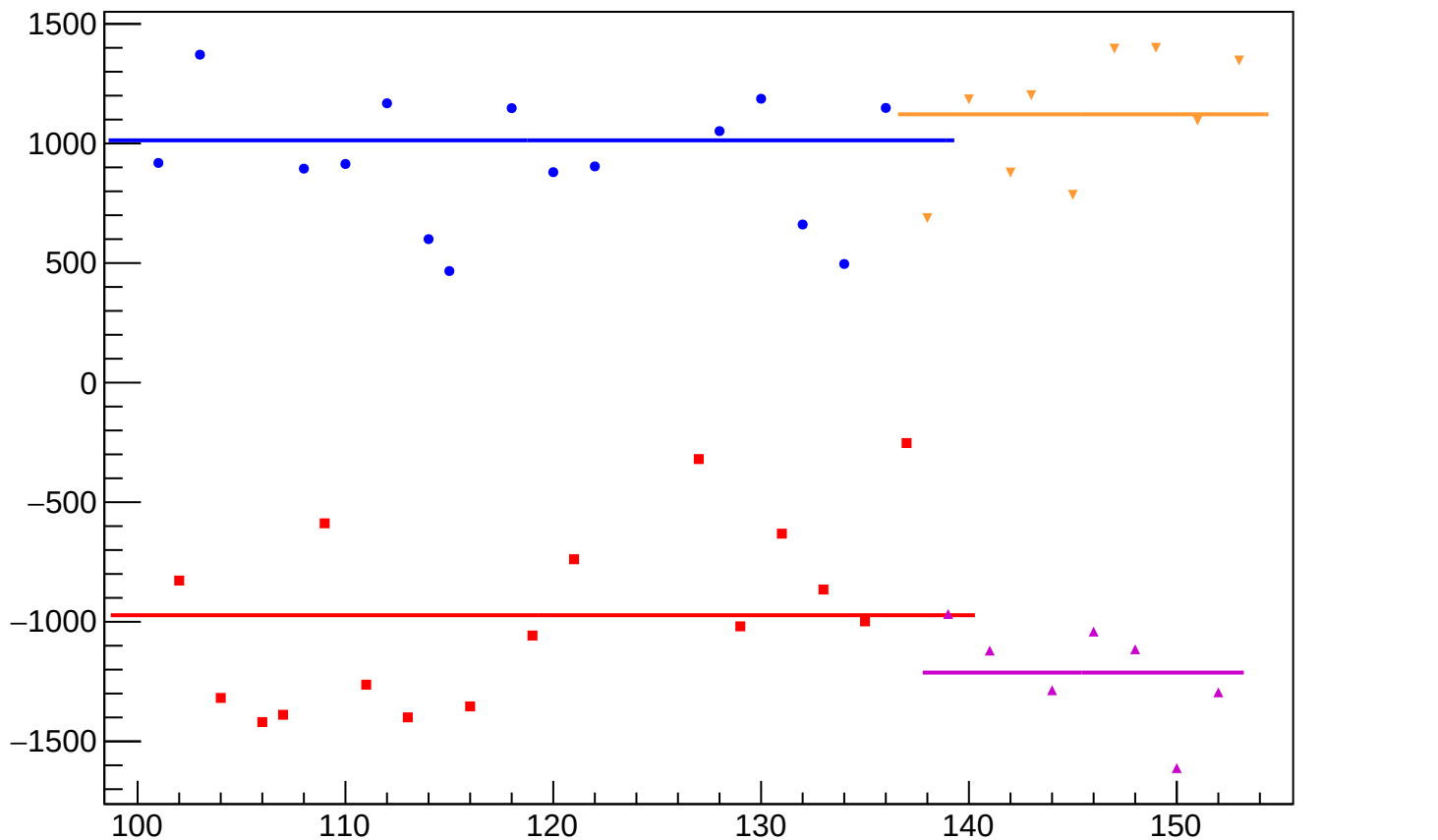
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1079.204+/-0.000 χ^2/NDF : 361344536960976874173865622672555114496.0/8
 Right Out: -160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: 1123.800+/-0.000 χ^2/NDF : 179898196878611839329065877210440663040.0/6
 All: -13.494+/-0.000 χ^2/NDF : 110799329901

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 91.255 $\pm$ 0.000 χ^2 /NDF: 250894708159052117006618901753102336.0/8
 Right Out: -132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: -110.390 $\pm$ 0.000 χ^2 /NDF: 344265617704468642337460498498322432.0/6
 All: 0.258 $\pm$ 0.000 χ^2 /NDF: 46336846496732

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1121.971+/-0.000

χ^2/NDF : 44094101174250383817095145493775777792.0/8

Right Out: -972.465+/-0.000

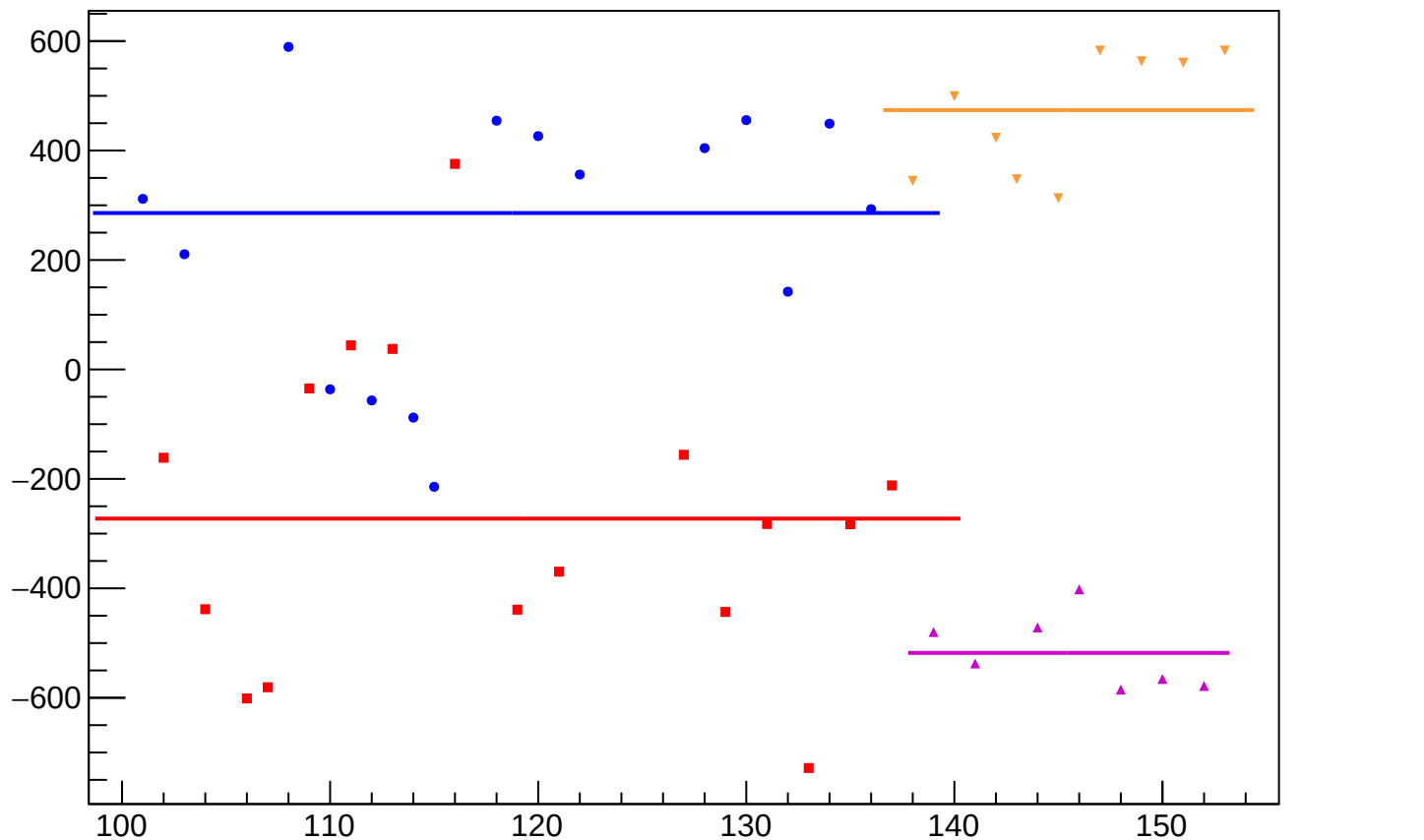
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1212.355+/-0.000

χ^2/NDF : 24411830353682588528377693132289998848.0/6

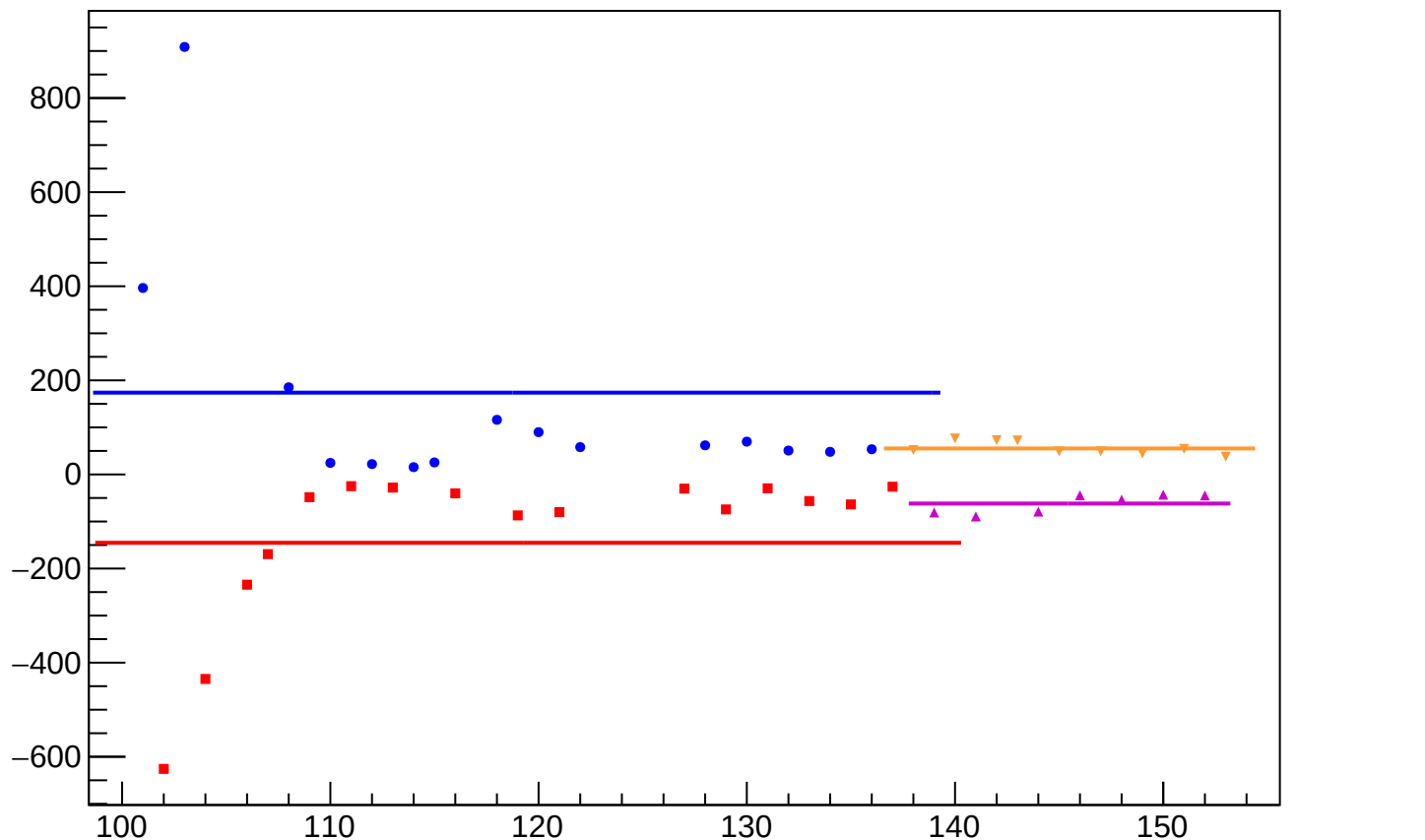
All: 16.261+/-0.000 χ^2/NDF : 3210736892139

dit_sam7_coil6_mean vs Slug, Sign Corrected



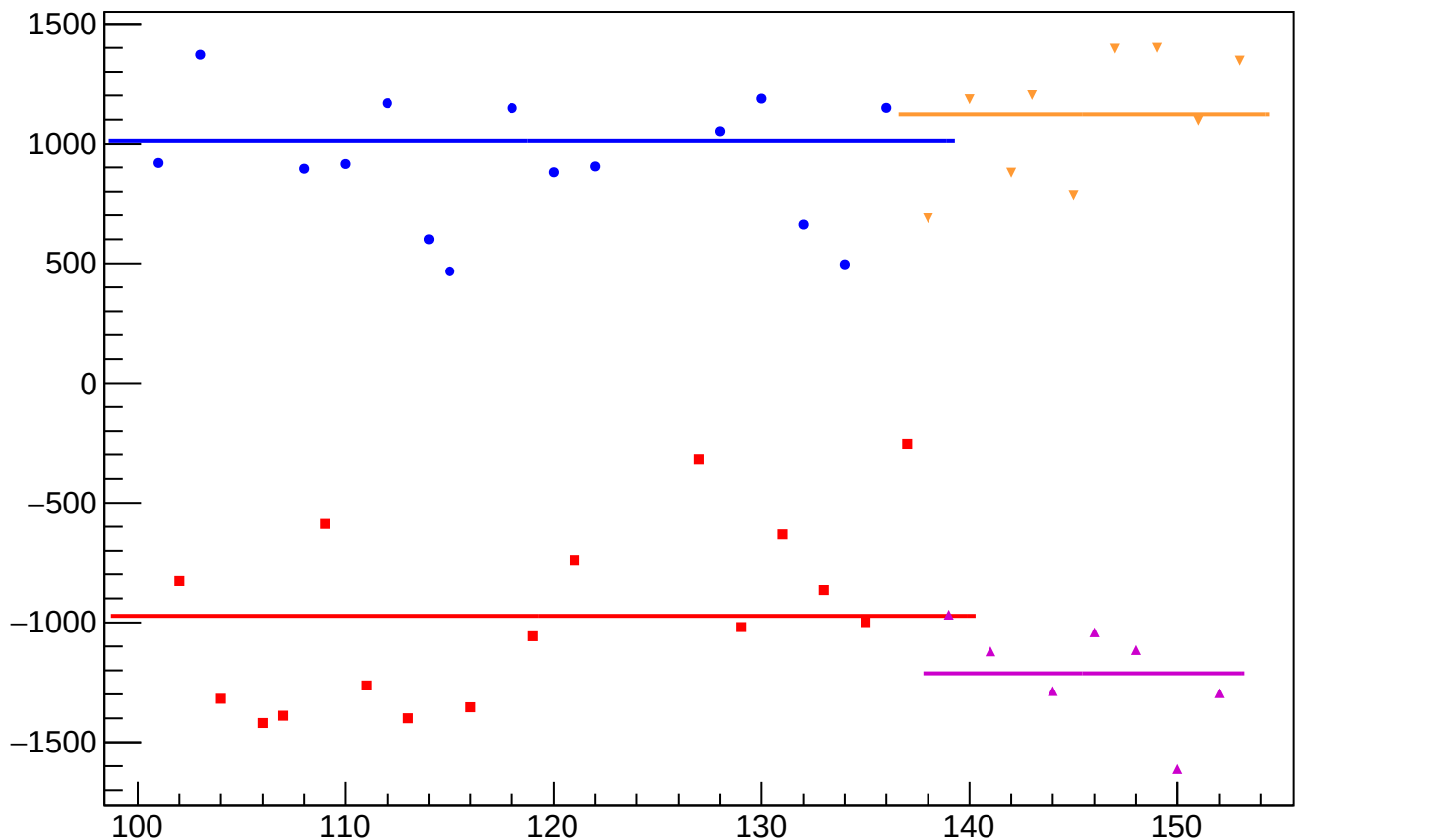
Left: 8.320+/-0.000 χ^2/NDF : 323375314273770042
 Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14
 Right: 2.840+/-0.000 χ^2/NDF : 17082276741945895
 Left Out: 474.010+/-0.000 χ^2/NDF : 7824874951008666781873447741192929280.0/8
 In: -100.261+/-0.000 χ^2/NDF : 2278871435172831
 Right Out: -272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15
 Out: 103.789+/-0.000 χ^2/NDF : 2393663230160638
 Left In: -517.911+/-0.000 χ^2/NDF : 2363050971376420776632726835710394368.0/6
 All: 5.540+/-0.000 χ^2/NDF : 49421755078432

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



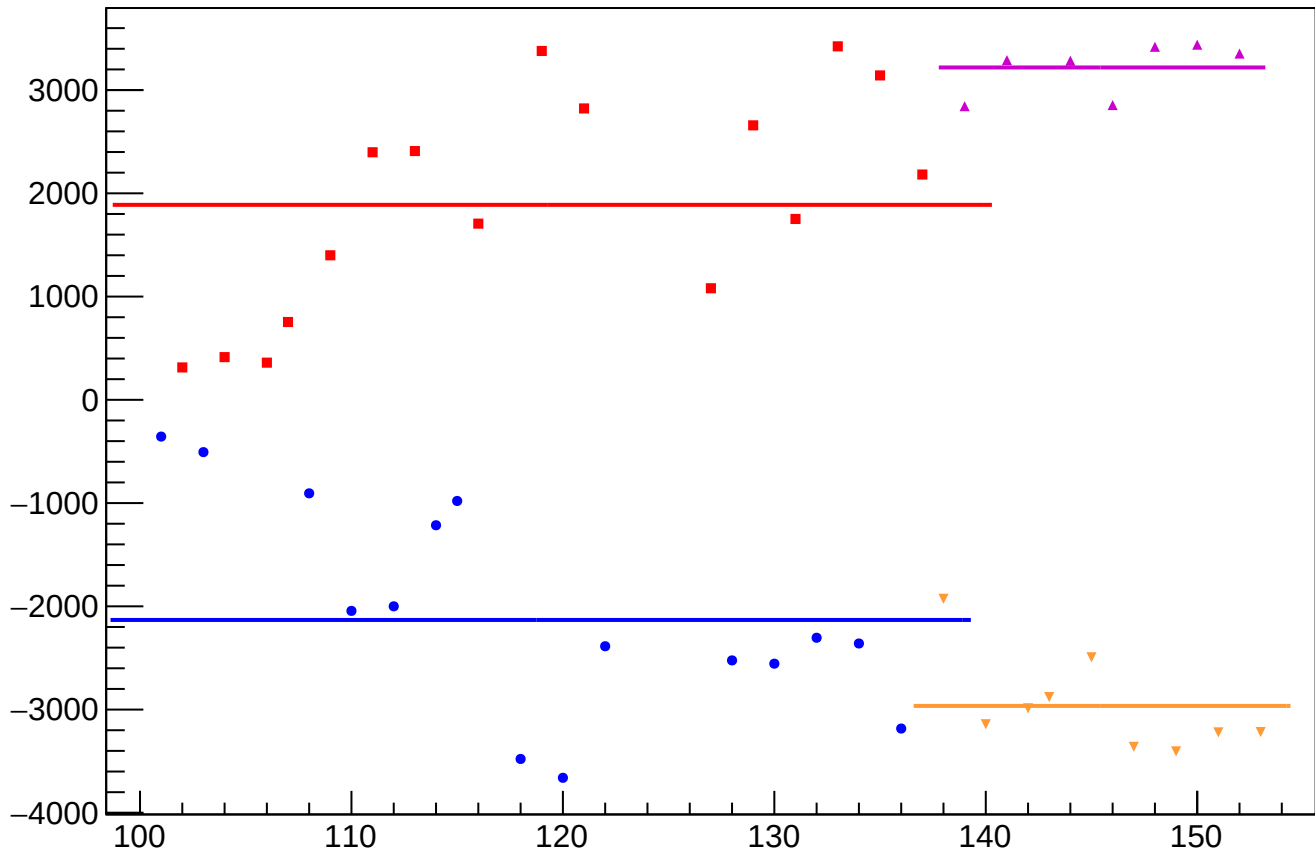
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 55.244+/-0.000 χ^2/NDF : 113589262736658610277820686942601216.0/8
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Left In: -61.854+/-0.000 χ^2/NDF : 209049579625268618410900972103532544.0/6
 All: 6.291+/-0.000 χ^2/NDF : 10250762654543

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1121.971 $\pm$ 0.000 χ^2 /NDF: 44094101174250383817095145493775777792.0/8
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 $\pm$ 0.000 χ^2 /NDF: 24411830353682588528377693132289998848.0/6
 All: 16.261 $\pm$ 0.000 χ^2 /NDF: 3210736892139

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -2964.363+/-0.000

Right Out: 1888.448+/-0.000

Left In: 3218.891+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 144056939546478972355942561374109958144.0/8

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 32576396450884949268585959363331489792.0/6

Left: -61.427+/-0.000 χ^2/NDF : 1234645837207510

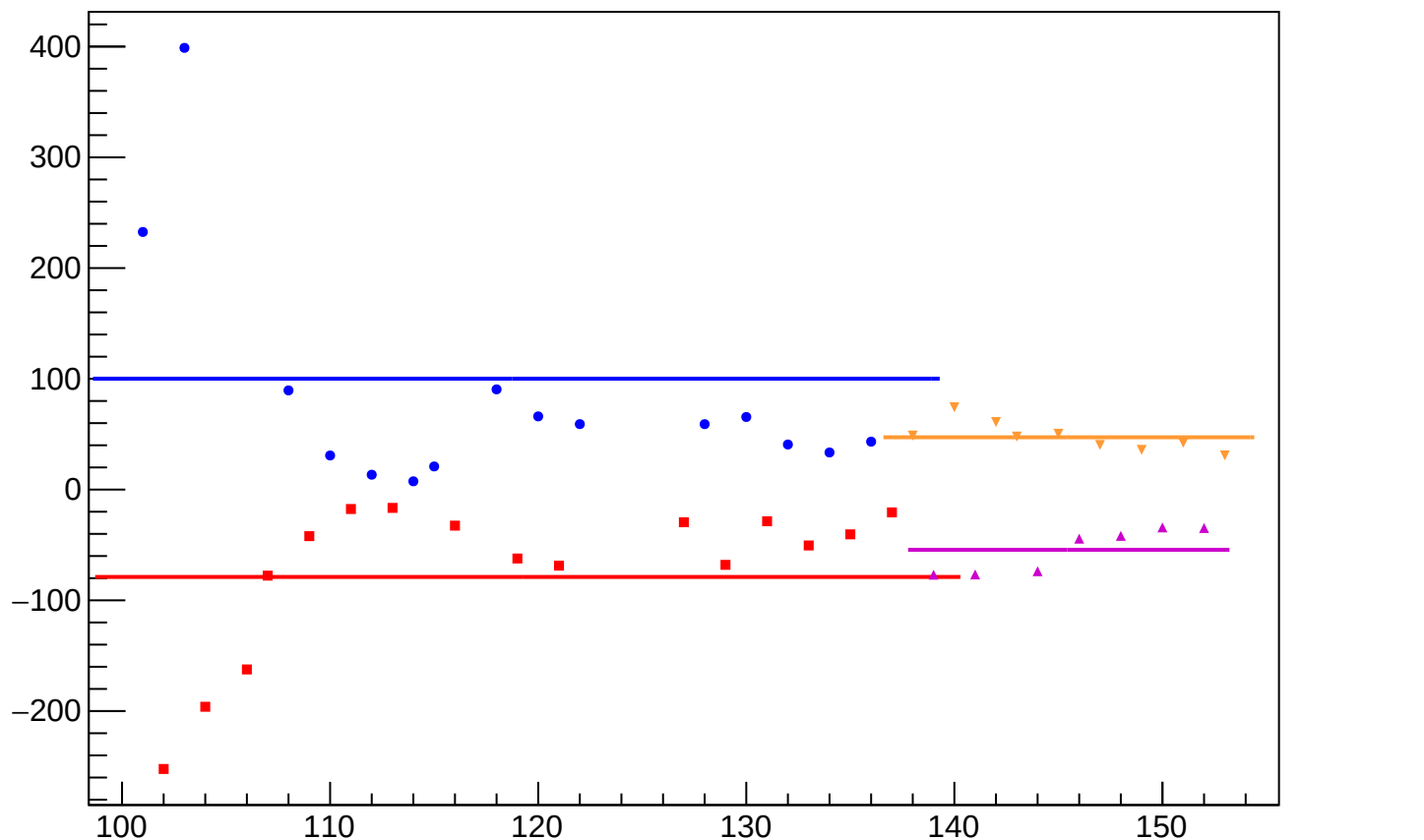
Right: -94.234+/-0.000 χ^2/NDF : 683113062504059

In: 438.534+/-0.000 χ^2/NDF : 96812864239226519

Out: -557.802+/-0.000 χ^2/NDF : 885412641190323

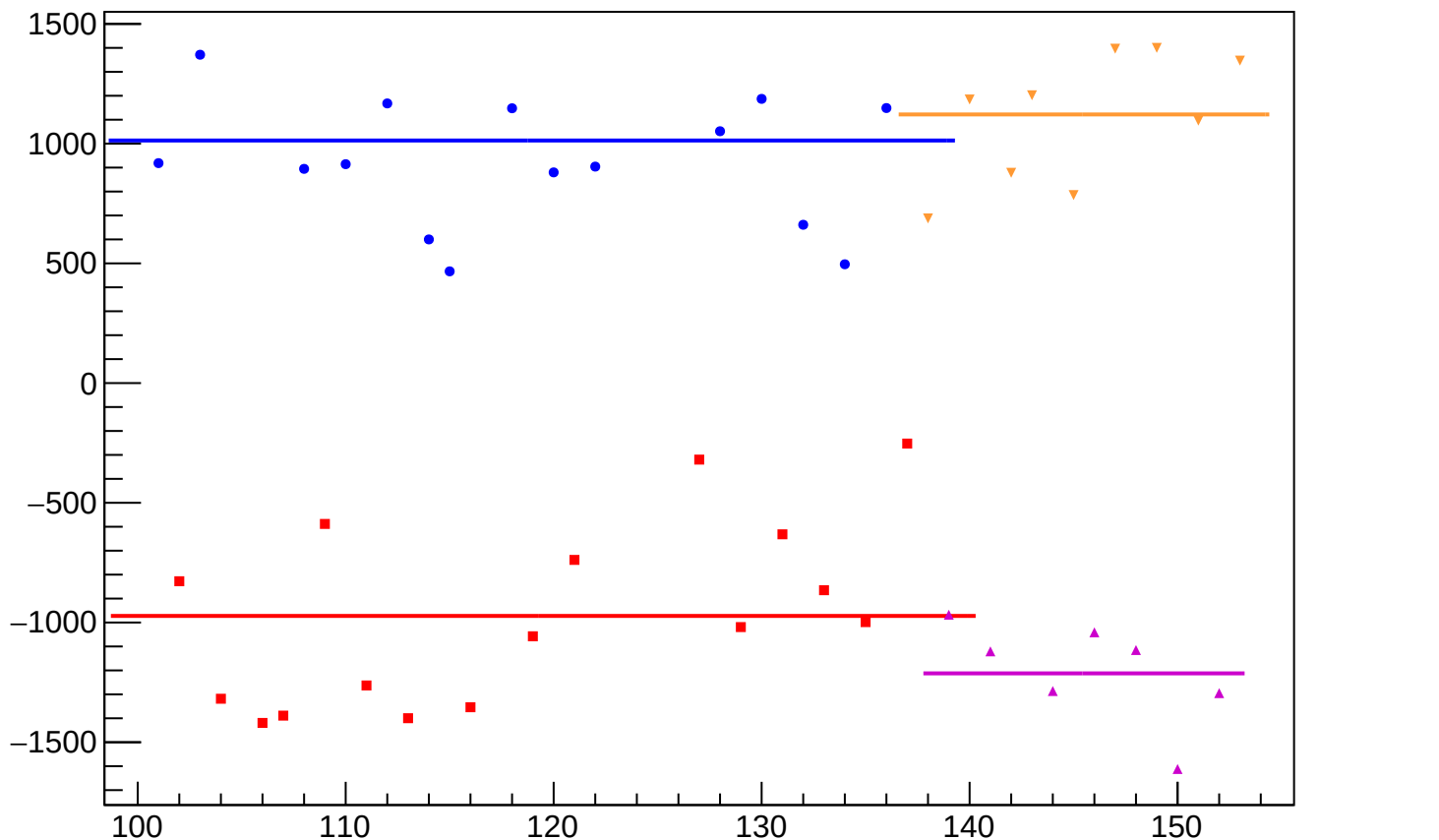
All: -78.071+/-0.000 χ^2/NDF : 191782868208

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



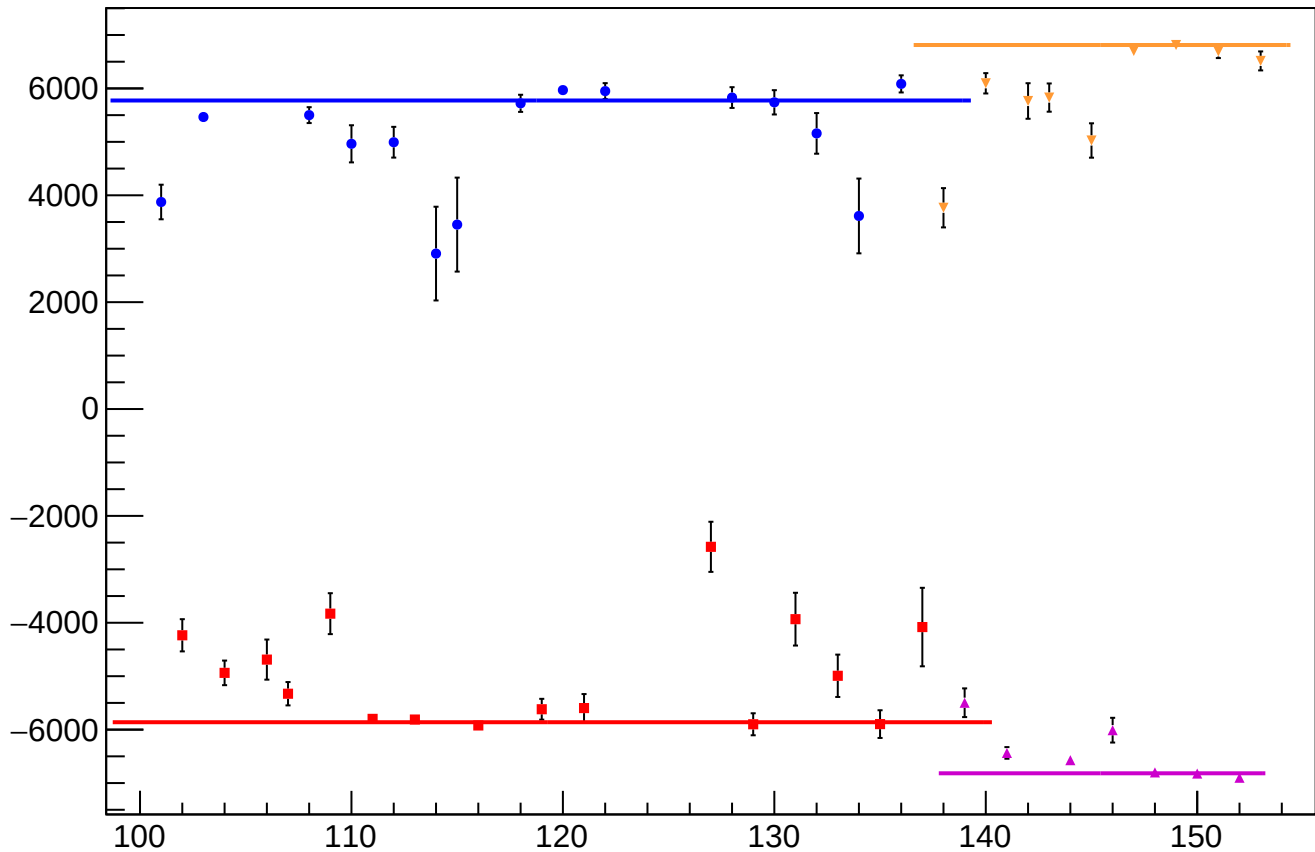
Right In: 100.135 +/- 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: -78.881 +/- 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Right Out: 47.225 +/- 0.000 χ^2/NDF : 109098032159476306274256912553869312.0/8
 Left In: -54.359 +/- 0.000 χ^2/NDF : 208779377592100826790926973065494528.0/6
 All: 4.540 +/- 0.000 χ^2/NDF : 25546291220583

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: 26.043 +/- 0.000 χ^2/NDF : 18030004013659200
 Right: 6.761 +/- 0.000 χ^2/NDF : 14074954421733032
 In: -55.950 +/- 0.000 χ^2/NDF : 16002822426064709
 Out: 83.317 +/- 0.000 χ^2/NDF : 15978940204823691
 All: 16.261 +/- 0.000 χ^2/NDF : 3210736892139

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14

Left Out: 6812.620 $\pm$ 0.311 χ^2/NDF : 142.8/8

Right Out: -5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15

Left In: -6817.300 $\pm$ 0.235 χ^2/NDF : 7366.5/6

Left: -1857.889 $\pm$ 0.187 χ^2/NDF : 1223303761.6/15

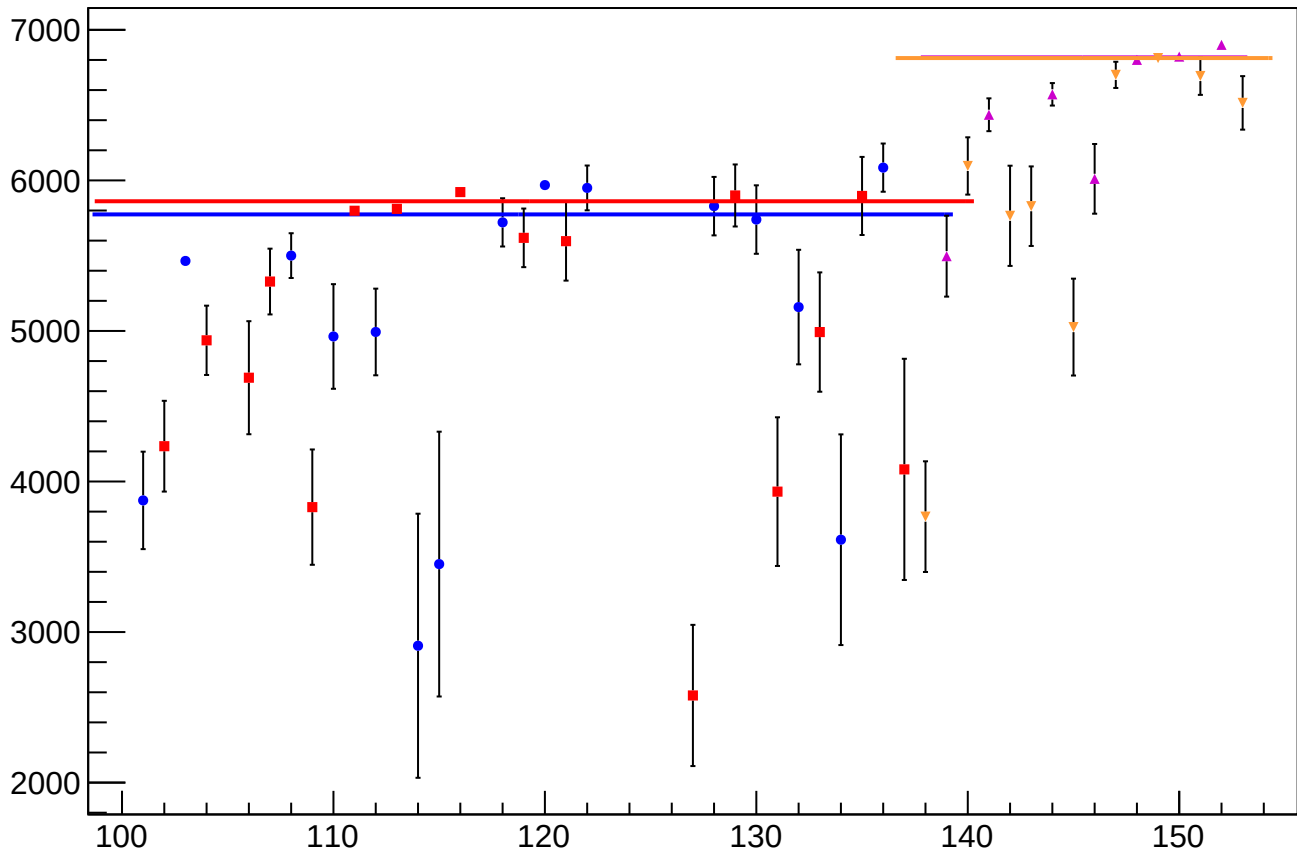
Right: -1536.191 $\pm$ 0.111 χ^2/NDF : 2585354230.9/30

In: 1072.716 $\pm$ 0.144 χ^2/NDF : 1799715971.9/21

Out: -3734.554 $\pm$ 0.127 χ^2/NDF : 1383894264.4/24

All: -1619.275 $\pm$ 0.095 χ^2/NDF : 3810841723

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.620 $\pm$ 0.311 χ^2 /NDF:142.8/8

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

Left In: 6817.300 $\pm$ 0.235 χ^2 /NDF:7366.5/6

Left: 6815.597 $\pm$ 0.187 χ^2 /NDF: 7653.5/15

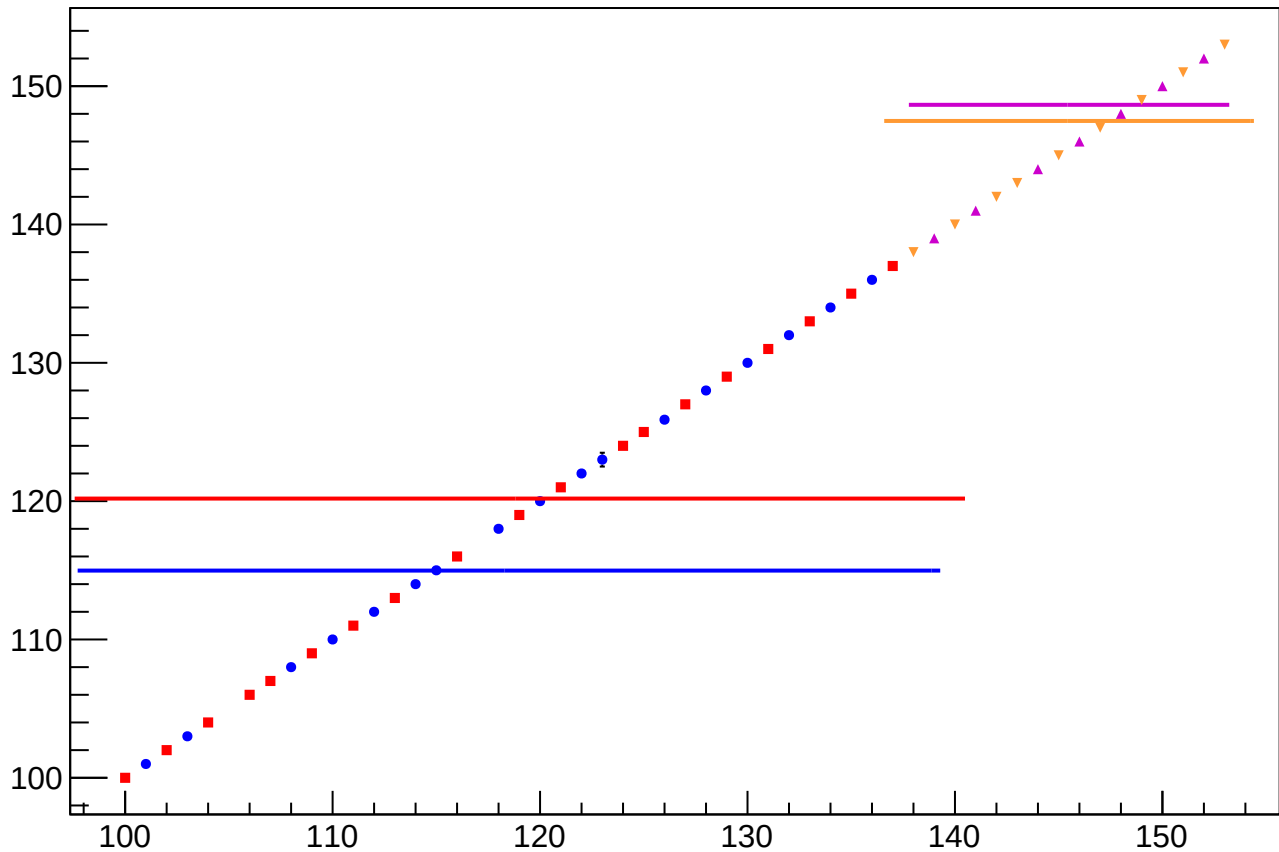
Right: 5828.993 $\pm$ 0.111 χ^2 /NDF: 2154118.4/30

In: 6163.622 $\pm$ 0.144 χ^2 /NDF:14176384.4/21

Out: 6021.080 $\pm$ 0.127 χ^2 /NDF:7973428.5/24

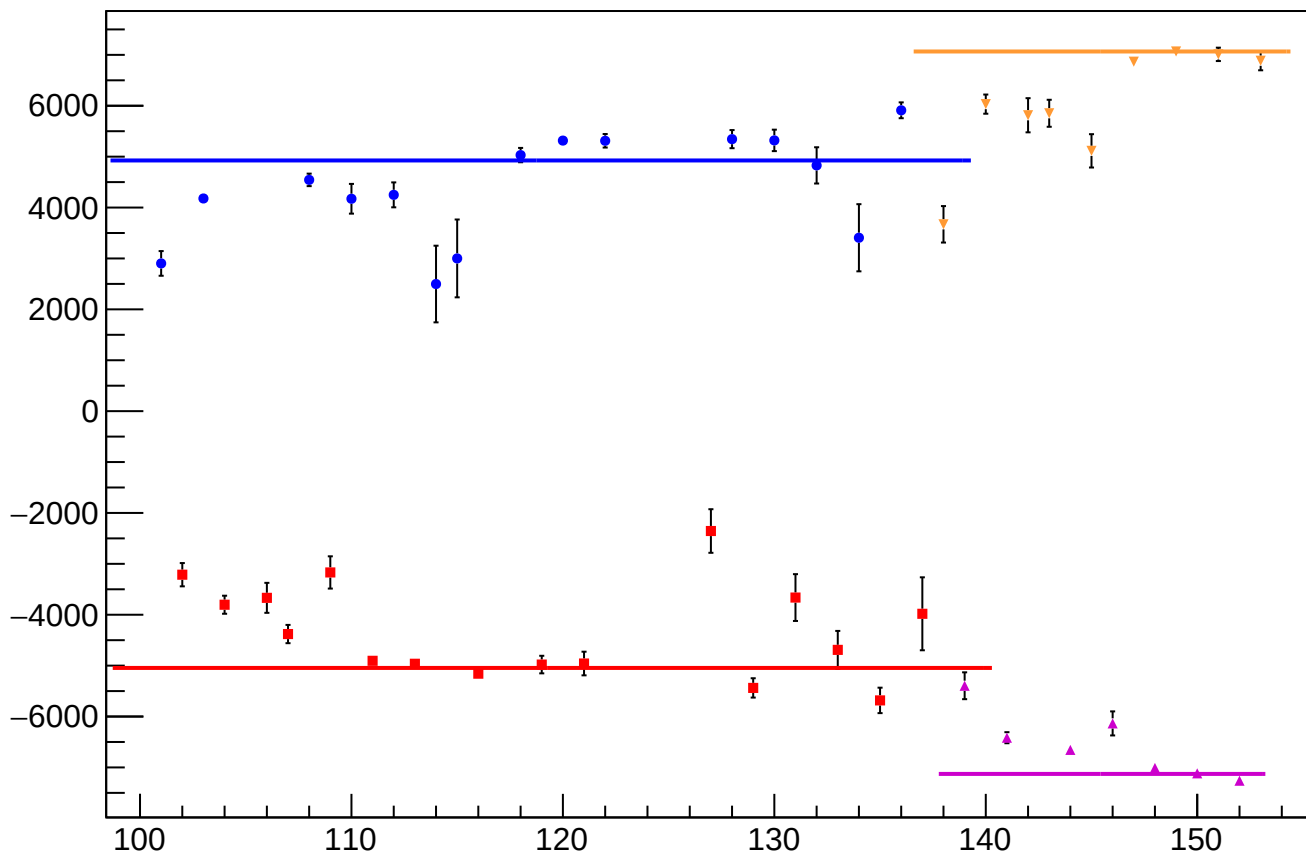
All: 6083.801 $\pm$ 0.095 χ^2 /NDF: 22701272.4/4

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 147.485+/-0.000 χ^2/NDF : 12900818648050543712514512781312.0/8
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 148.652+/-0.000 χ^2/NDF : 3753359172444155657131739054080.0/6
 All: 123.287+/-0.000 χ^2/NDF : 674832011123

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.429+/-1.478 χ^2/NDF :196.7/8

Right Out: -5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: -7127.523+/-0.987 χ^2/NDF :10278.9/6

Left: -2748.307+/-0.821 χ^2/NDF : 63819983.3/15

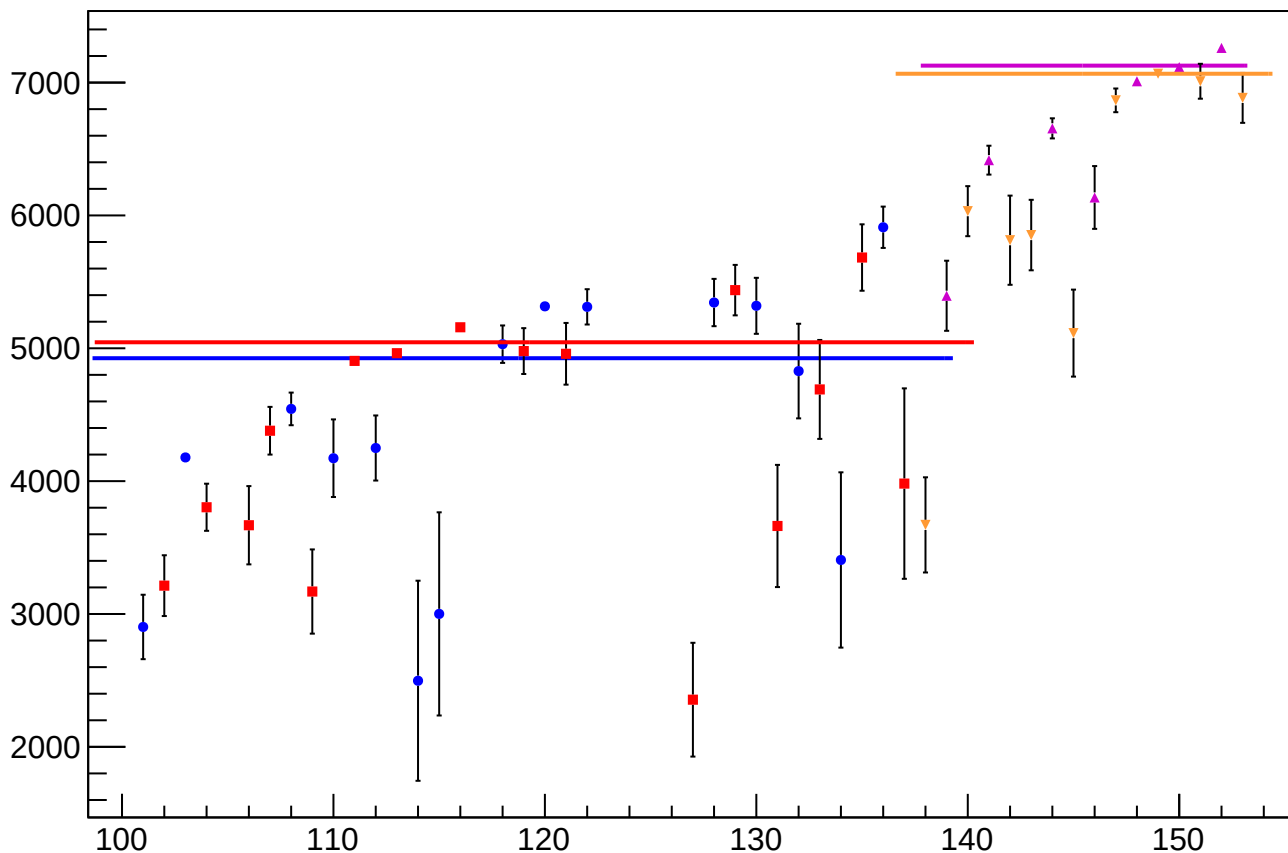
Right: -1694.510+/-0.544 χ^2/NDF : 75266282.5/30

In: -799.123+/-0.680 χ^2/NDF :78642495.0/21

Out: -2990.659+/-0.609 χ^2/NDF :55823287.7/24

All: -2016.313+/-0.454 χ^2/NDF : 140231447.7

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.429 $\pm$ 1.478 χ^2 /NDF:196.7/8

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: 7127.523 $\pm$ 0.987 χ^2 /NDF:10278.9/6

Left: 7108.674 $\pm$ 0.821 χ^2 /NDF: 11657.7/15

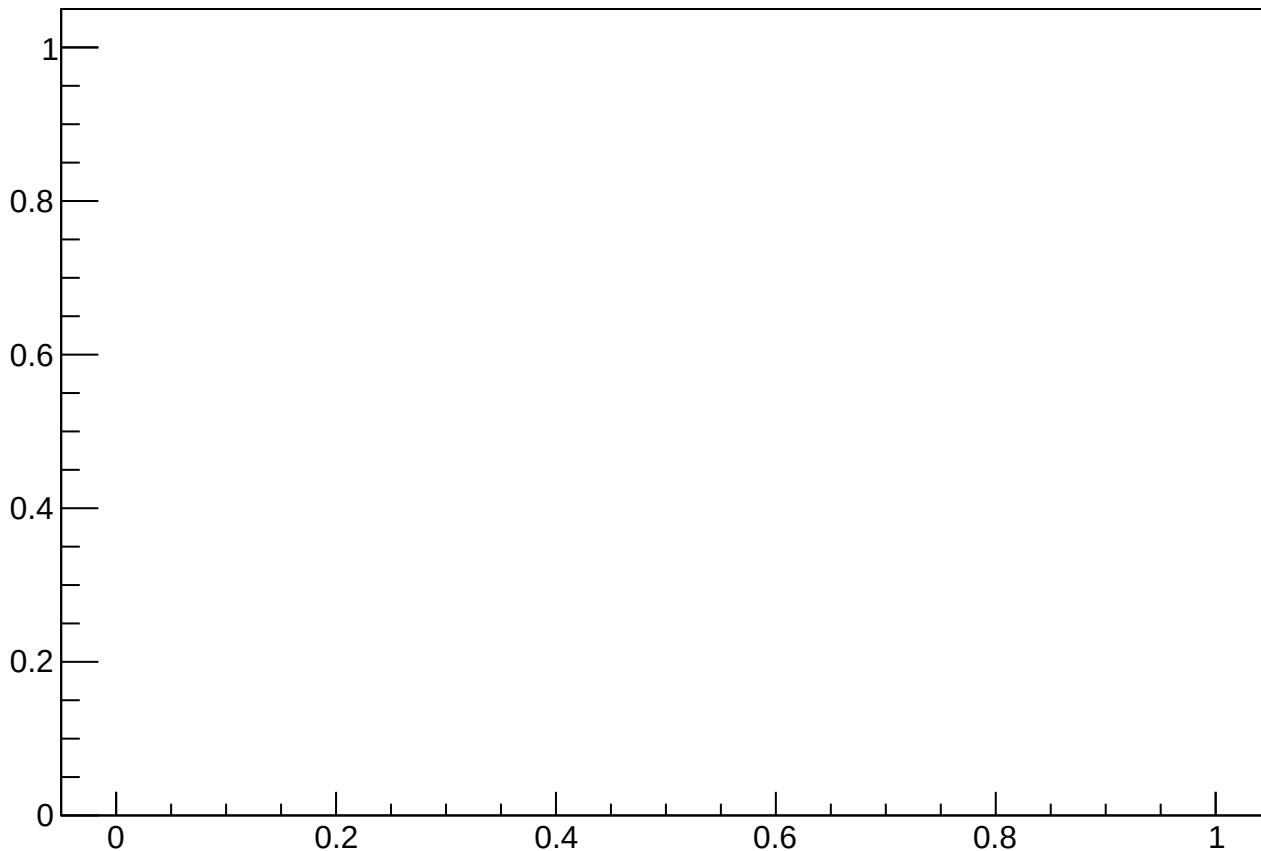
Right: 5004.922 $\pm$ 0.544 χ^2 /NDF: 372009.4/30

In: 5971.237 $\pm$ 0.680 χ^2 /NDF:2955306.7/21

Out: 5388.089 $\pm$ 0.609 χ^2 /NDF:1584174.4/24

All: 5647.354 $\pm$ 0.454 χ^2 /NDF: 4947715.6/46

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

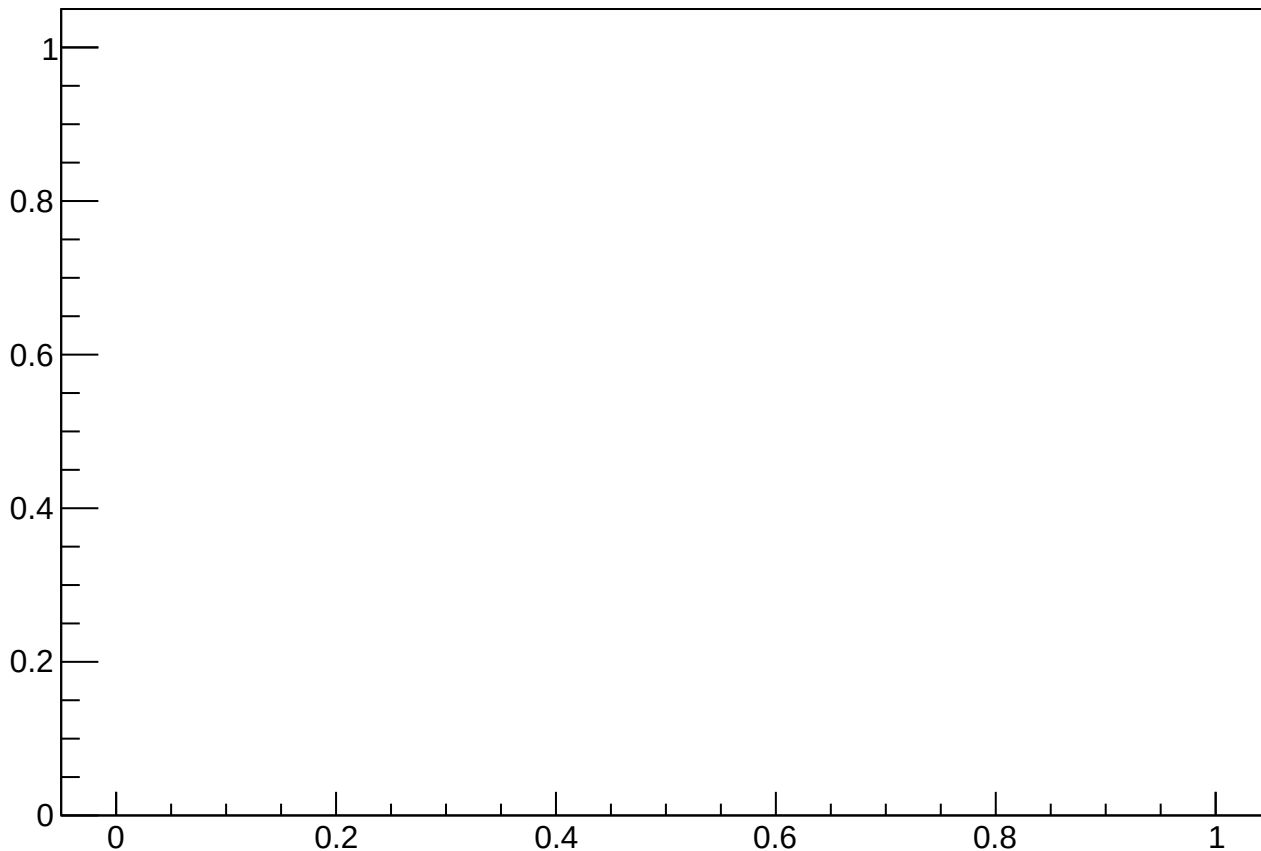
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

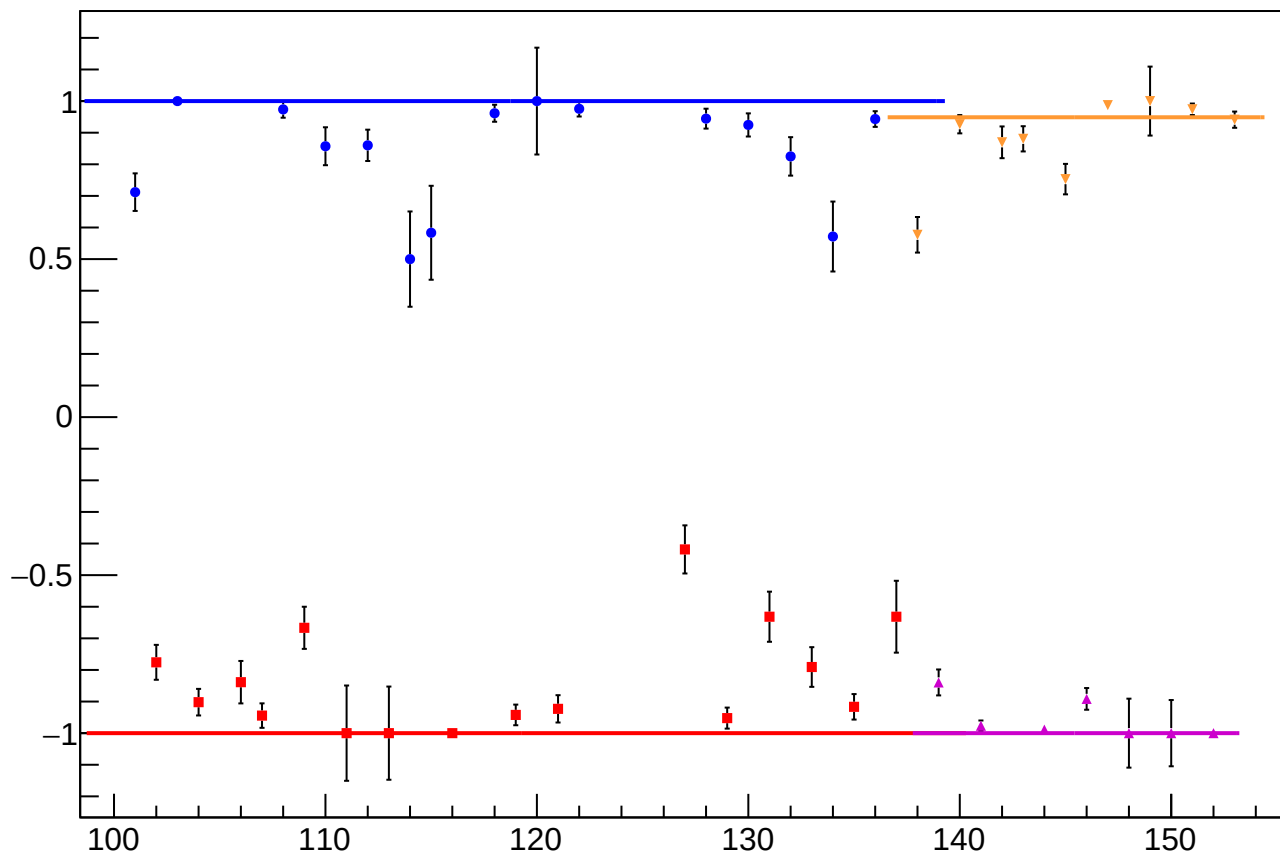
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

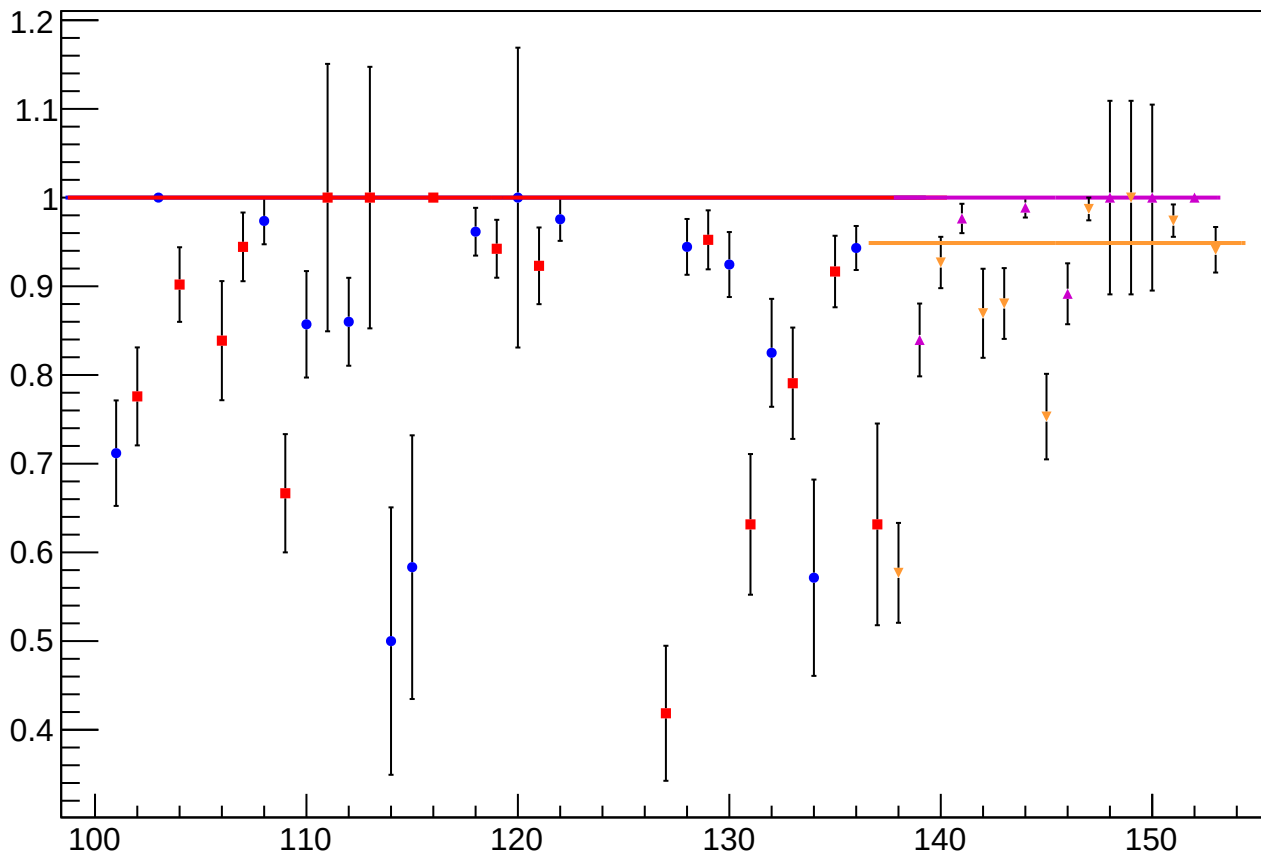
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.949+/-0.009 χ^2/NDF : 77.3/8

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF : 28.3/6

Left: 1.000+/-0.000 χ^2/NDF : 141.4/15

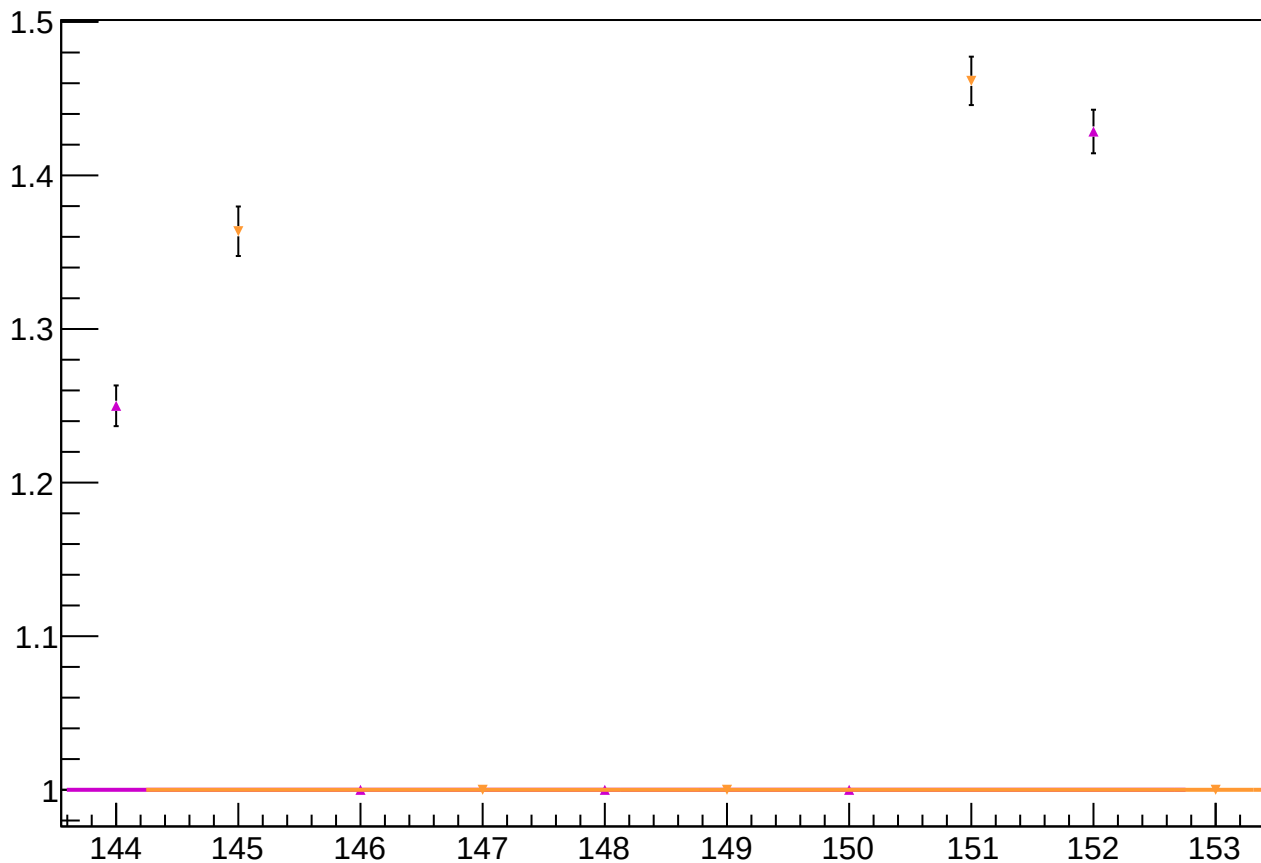
Right: 1.000+/-0.000 χ^2/NDF : 347.8/30

In: 1.000+/-0.000 χ^2/NDF : 468.2/21

Out: 1.000+/-0.000 χ^2/NDF : 281.9/24

All: 1.000+/-0.000 χ^2/NDF : 575.1/46

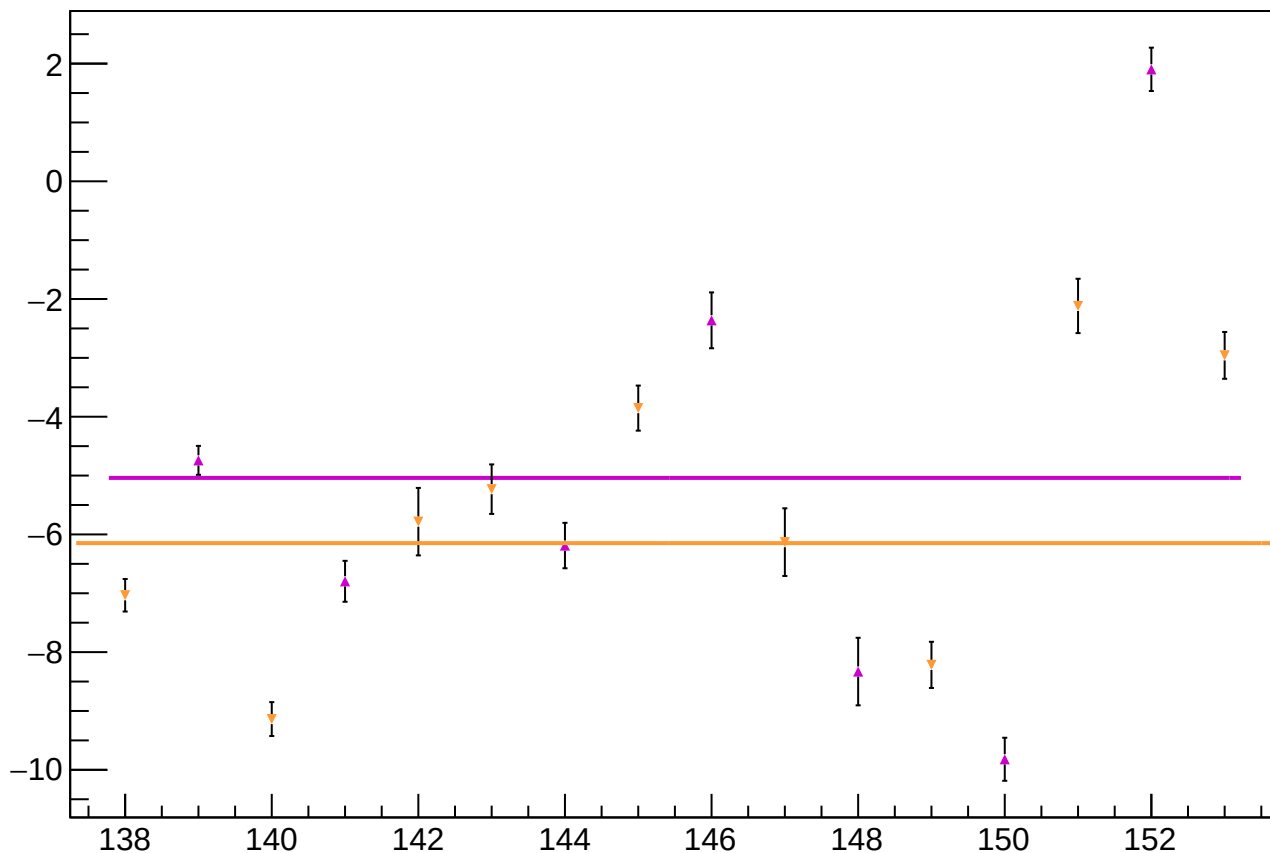
dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF :1611.1/4
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF :1524.5/4

Left: 1.000+/-0.000 χ^2/NDF : 3437.5/9
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 1.000+/-0.000 χ^2/NDF :1524.5/4
Out: 1.000+/-0.000 χ^2/NDF :1611.1/4
All: 1.000+/-0.000 χ^2/NDF : 3437.5/9

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.148+/-0.128 χ^2/NDF :327.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.040+/-0.136 χ^2/NDF :626.6/6

Left: -5.629+/-0.093 χ^2/NDF : 989.1/15

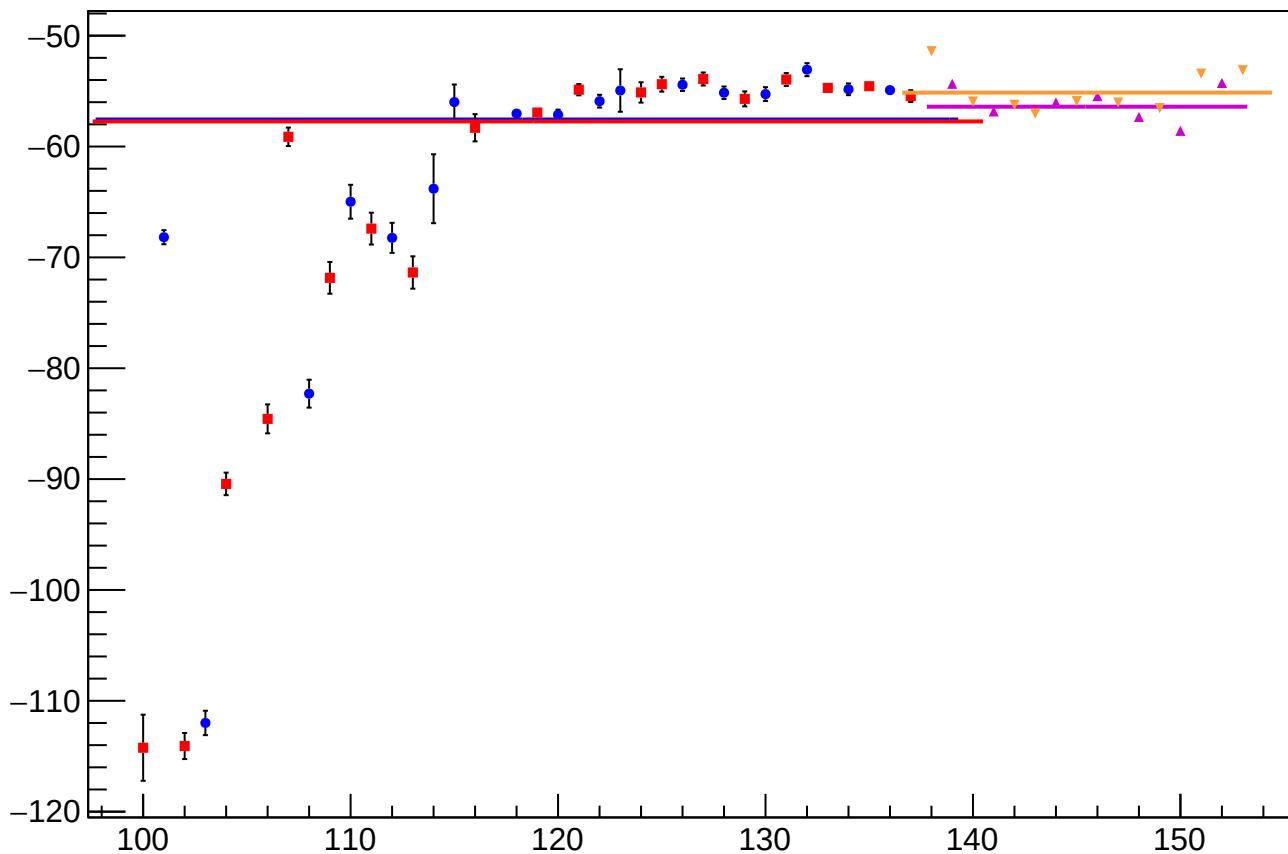
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.040+/-0.136 χ^2/NDF :626.6/6

Out: -6.148+/-0.128 χ^2/NDF :327.3/8

All: -5.629+/-0.093 χ^2/NDF : 989.1/15

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.137 ± 0.095 χ^2/NDF : 333.3/8

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

Left In: -56.407 ± 0.108 χ^2/NDF : 182.4/6

Left: -55.693 ± 0.071 χ^2/NDF : 593.4/15

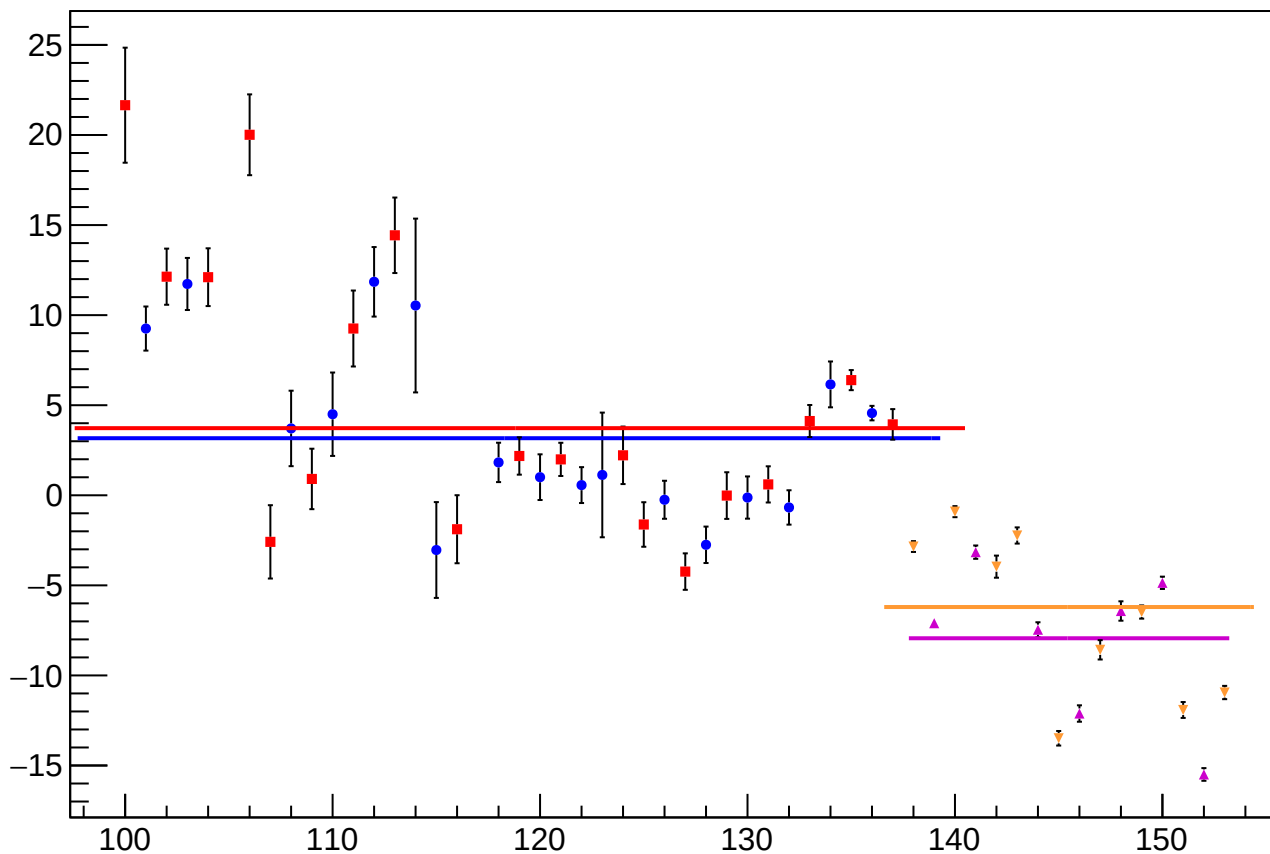
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -56.833 ± 0.086 χ^2/NDF : 3680.5/23

Out: -55.936 ± 0.079 χ^2/NDF : 5260.4/27

All: -56.349 ± 0.058 χ^2/NDF : 8999.8/51

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -6.203 ± 0.130 $\chi^2/\text{NDF}: 1192.1/8$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

Left In: -7.937 ± 0.138 $\chi^2/\text{NDF}: 811.7/6$

Left: -7.018 ± 0.095 $\chi^2/\text{NDF}: 2087.0/15$

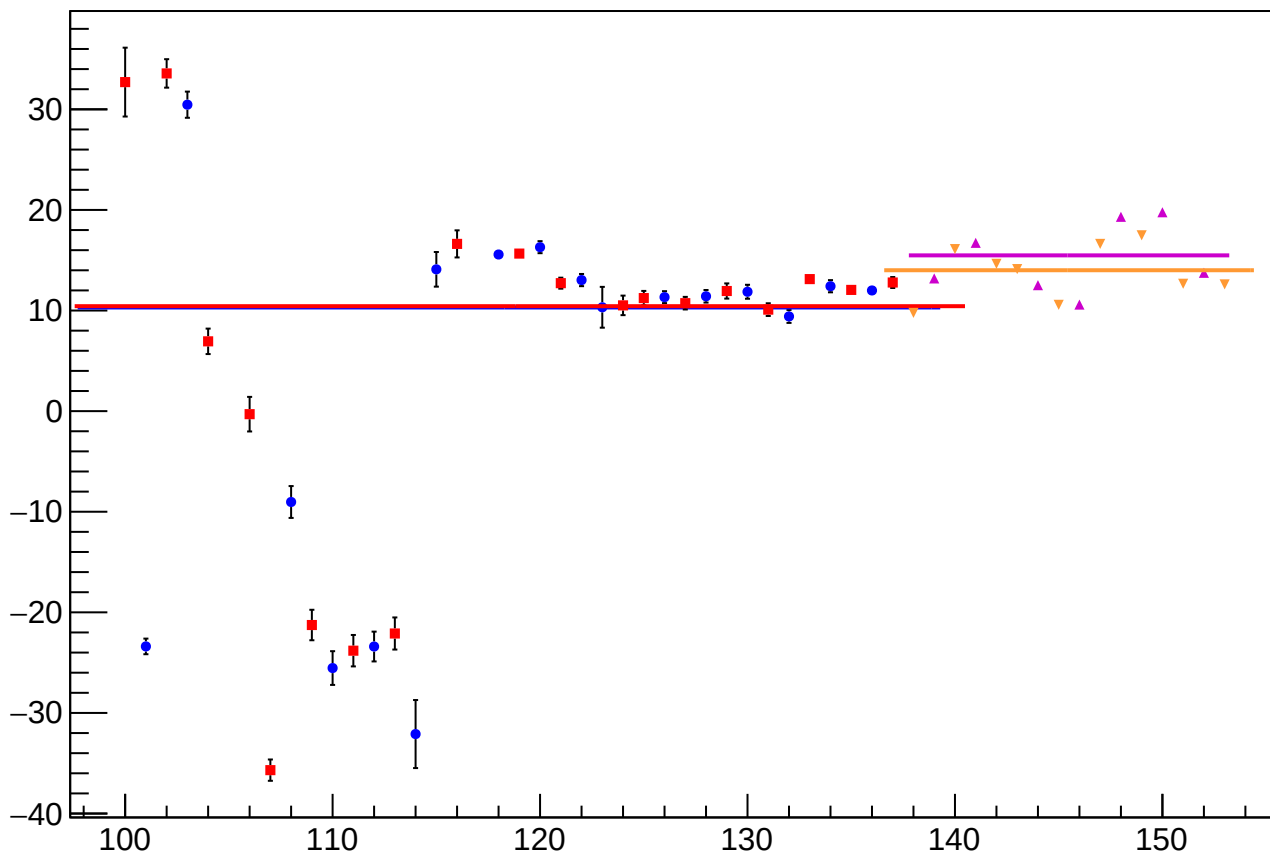
Right: 3.437 ± 0.185 $\chi^2/\text{NDF}: 511.7/35$

In: -5.450 ± 0.122 $\chi^2/\text{NDF}: 2438.6/23$

Out: -4.292 ± 0.117 $\chi^2/\text{NDF}: 2631.4/27$

All: -4.848 ± 0.085 $\chi^2/\text{NDF}: 5116.9/51$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 14.006+/-0.114 χ^2/NDF : 498.9/8

Right Out: 10.433+/-0.160 χ^2/NDF : 3828.5/18

Left In: 15.484+/-0.128 χ^2/NDF : 637.7/6

Left: 14.659+/-0.085 χ^2/NDF : 1210.5/15

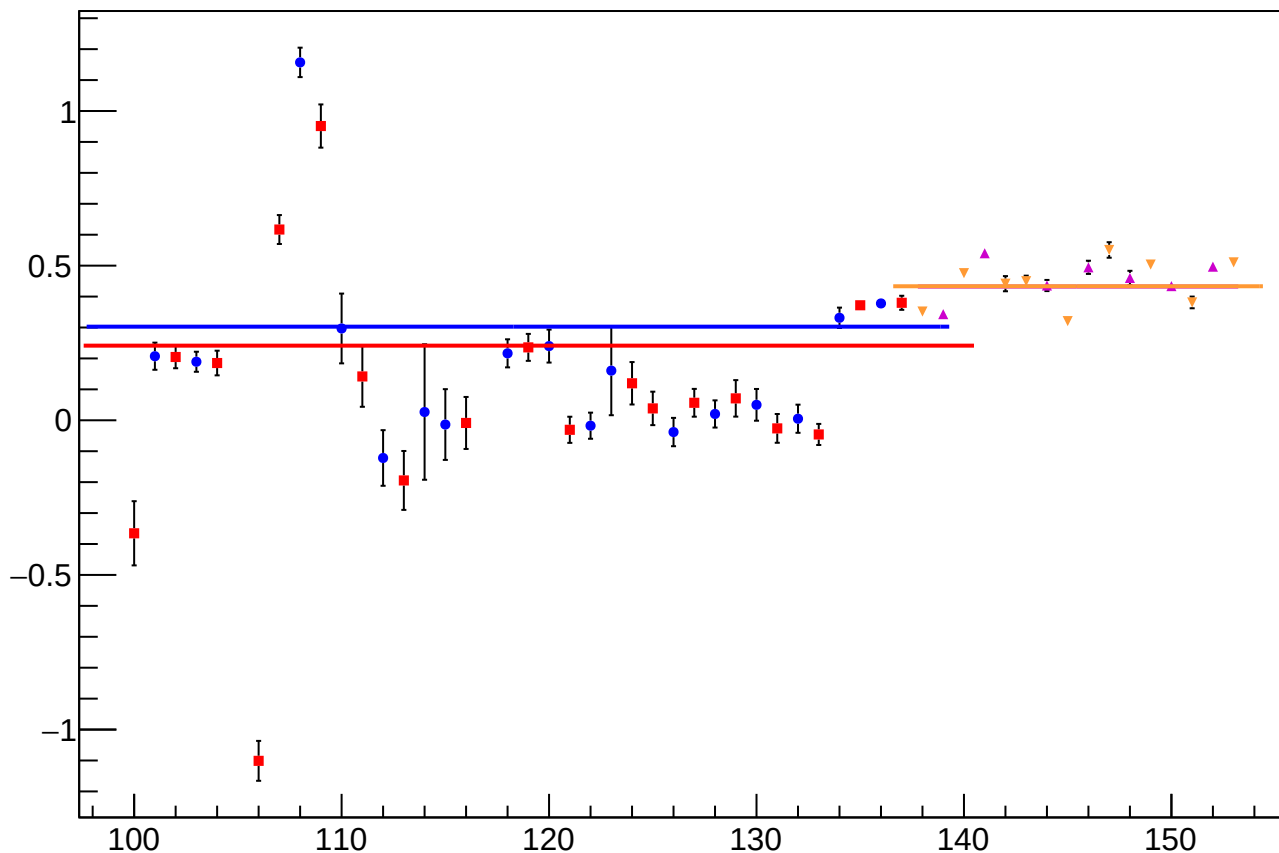
Right: 10.368+/-0.112 χ^2/NDF : 7541.1/35

In: 13.405+/-0.099 χ^2/NDF : 5002.9/23

Out: 12.799+/-0.093 χ^2/NDF : 4658.0/27

All: 13.082+/-0.068 χ^2/NDF : 9680.7/51

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.433 $\pm$ 0.005 χ^2 /NDF:195.3/8

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

Left In: 0.432 $\pm$ 0.006 χ^2 /NDF:173.0/6

Left: 0.433 $\pm$ 0.004 χ^2 /NDF: 368.3/15

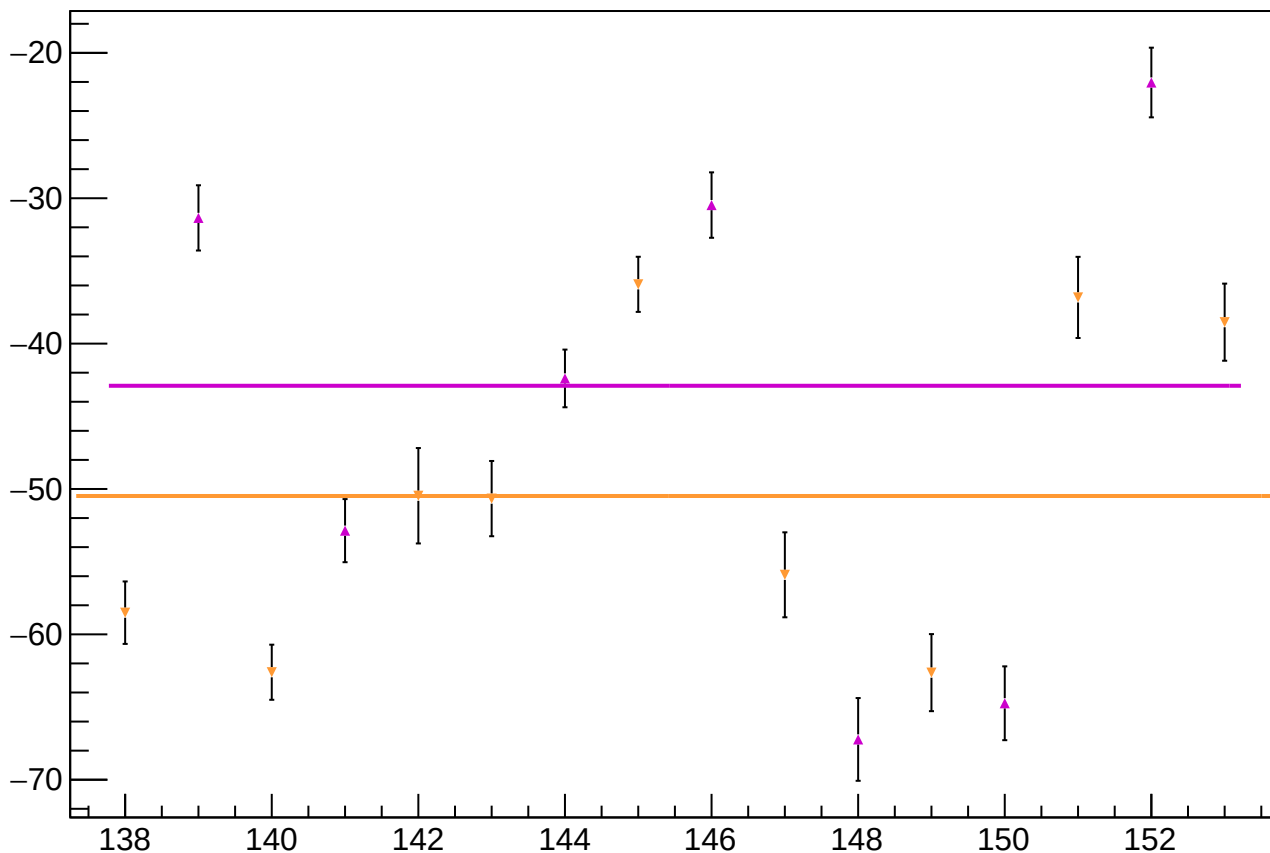
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.392 $\pm$ 0.005 χ^2 /NDF:992.0/23

Out: 0.380 $\pm$ 0.004 χ^2 /NDF:1551.2/27

All: 0.386 $\pm$ 0.003 χ^2 /NDF: 2546.7/51

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.482+/-0.804 χ^2/NDF :182.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.900+/-0.872 χ^2/NDF :300.9/6

Left: -46.996+/-0.591 χ^2/NDF : 524.4/15

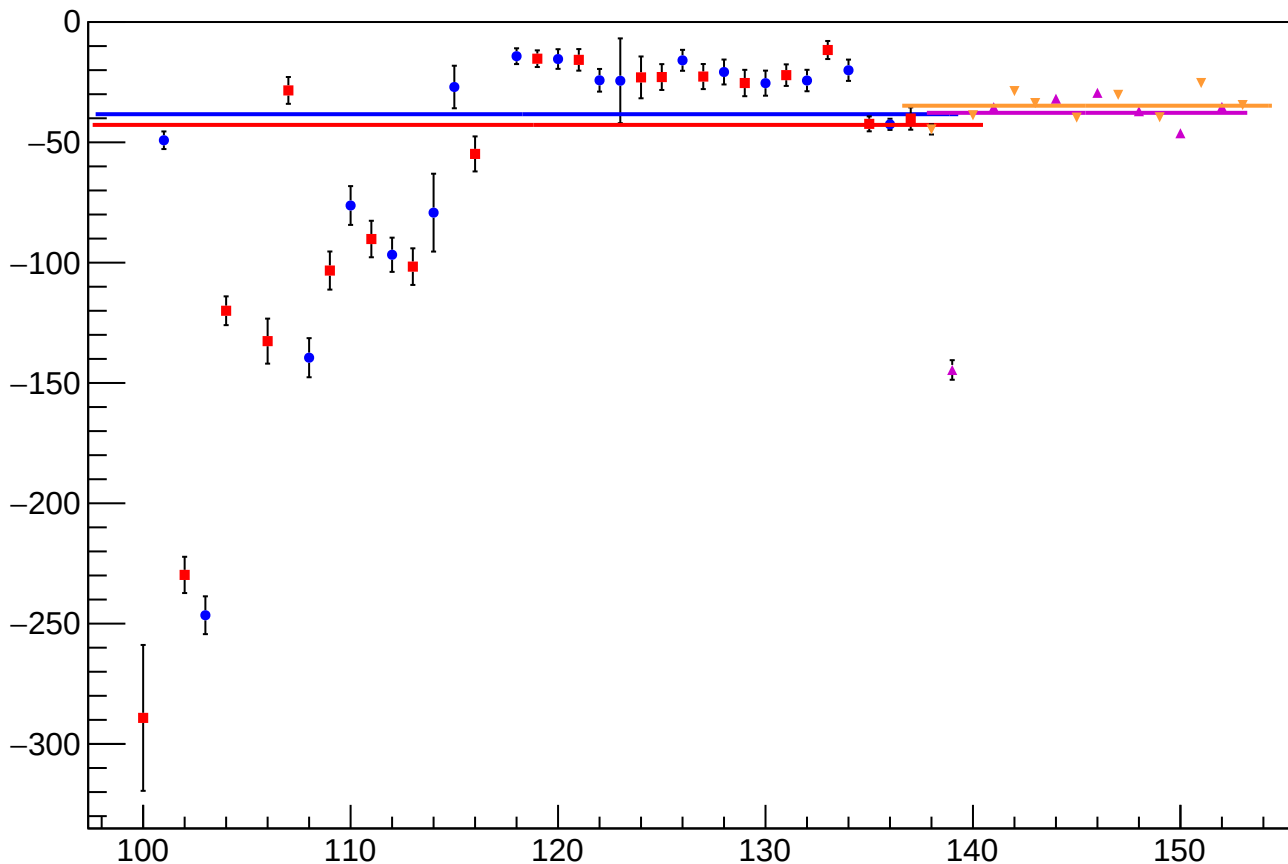
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.900+/-0.872 χ^2/NDF :300.9/6

Out: -50.482+/-0.804 χ^2/NDF :182.6/8

All: -46.996+/-0.591 χ^2/NDF : 524.4/15

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -34.779 ± 0.563 $\chi^2/\text{NDF}: 99.4/8$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

Left In: -37.740 ± 0.612 $\chi^2/\text{NDF}: 770.9/6$

Left: -36.135 ± 0.414 $\chi^2/\text{NDF}: 883.0/15$

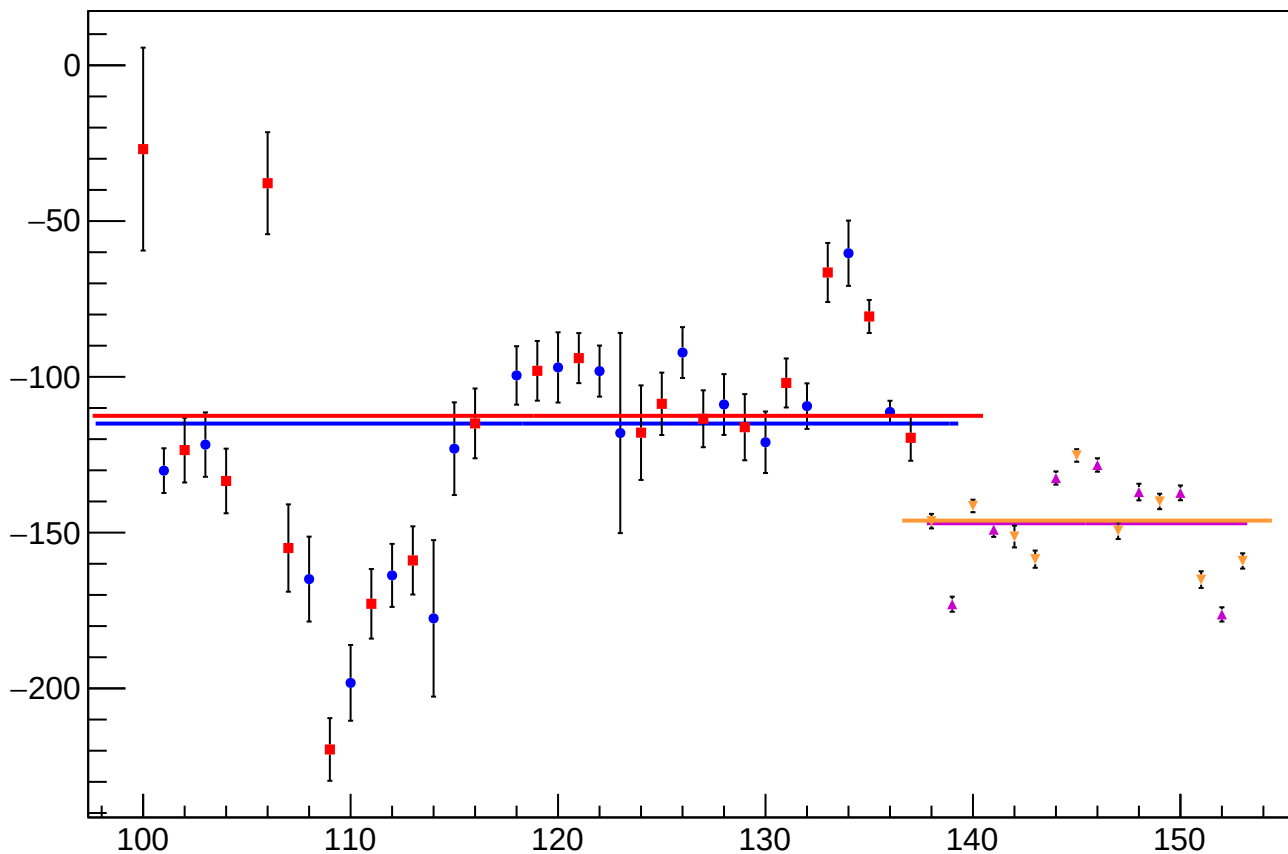
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -37.868 ± 0.539 $\chi^2/\text{NDF}: 1903.8/23$

Out: -36.197 ± 0.510 $\chi^2/\text{NDF}: 1476.6/27$

All: -36.987 ± 0.371 $\chi^2/\text{NDF}: 3385.5/51$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -146.138 ± 0.819 $\chi^2/\text{NDF}: 220.4/8$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

Left In: -146.992 ± 0.877 $\chi^2/\text{NDF}: 430.9/6$

Left: -146.536 ± 0.599 $\chi^2/\text{NDF}: 651.8/15$

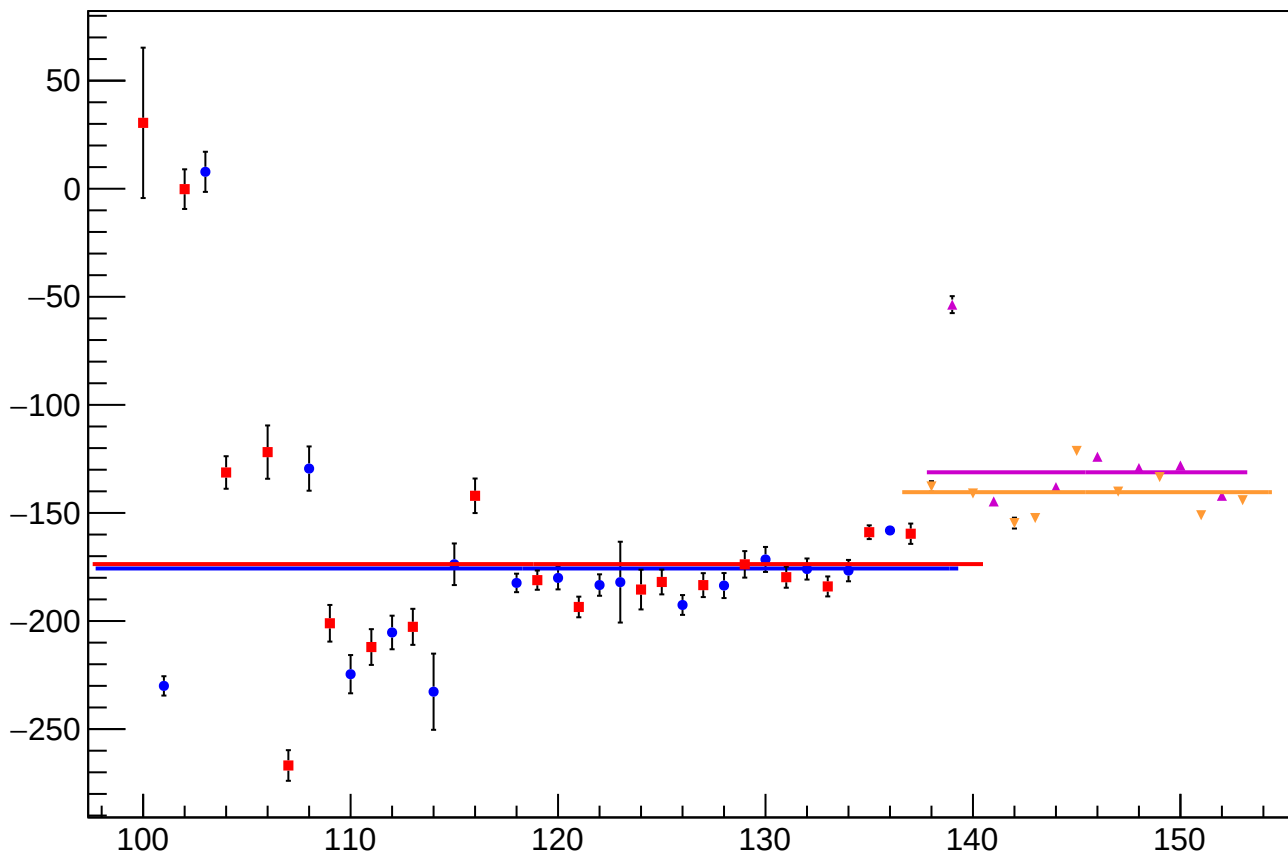
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -142.136 ± 0.807 $\chi^2/\text{NDF}: 774.8/23$

Out: -142.064 ± 0.768 $\chi^2/\text{NDF}: 697.7/27$

All: -142.098 ± 0.556 $\chi^2/\text{NDF}: 1472.5/51$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -140.387 ± 0.687 χ^2/NDF : 222.3/8

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -131.193 ± 0.750 χ^2/NDF : 507.2/6

Left: -136.193 ± 0.506 χ^2/NDF : 811.3/15

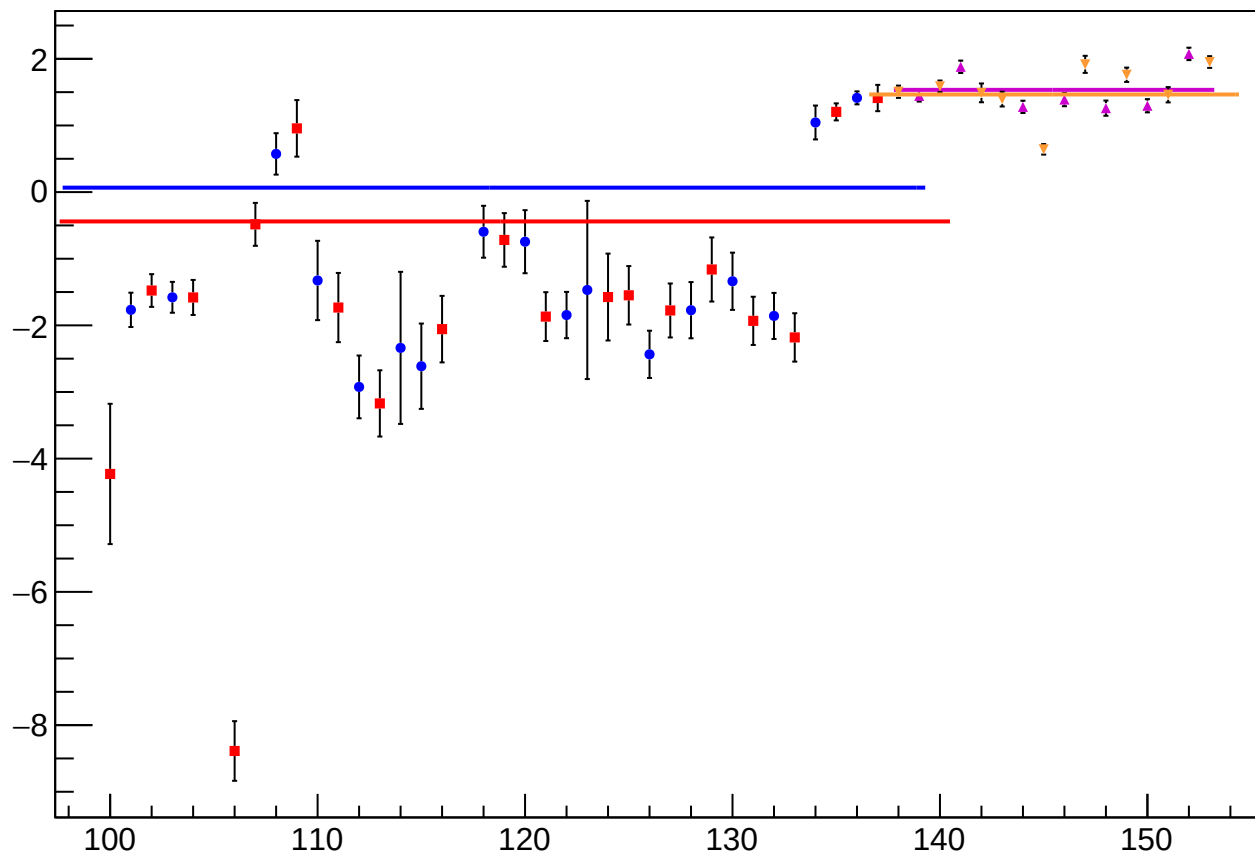
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -142.727 ± 0.645 χ^2/NDF : 2113.3/23

Out: -147.179 ± 0.613 χ^2/NDF : 1439.5/27

All: -145.069 ± 0.444 χ^2/NDF : 3577.8/51

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.067 χ^2 /NDF: 526.1/16

Left Out: 1.465 $\pm$ 0.034 χ^2 /NDF:161.5/8

Right Out: -0.440 $\pm$ 0.071 χ^2 /NDF: 754.9/18

Left In: 1.535 $\pm$ 0.036 χ^2 /NDF:69.7/6

Left: 1.497 $\pm$ 0.025 χ^2 /NDF: 233.1/15

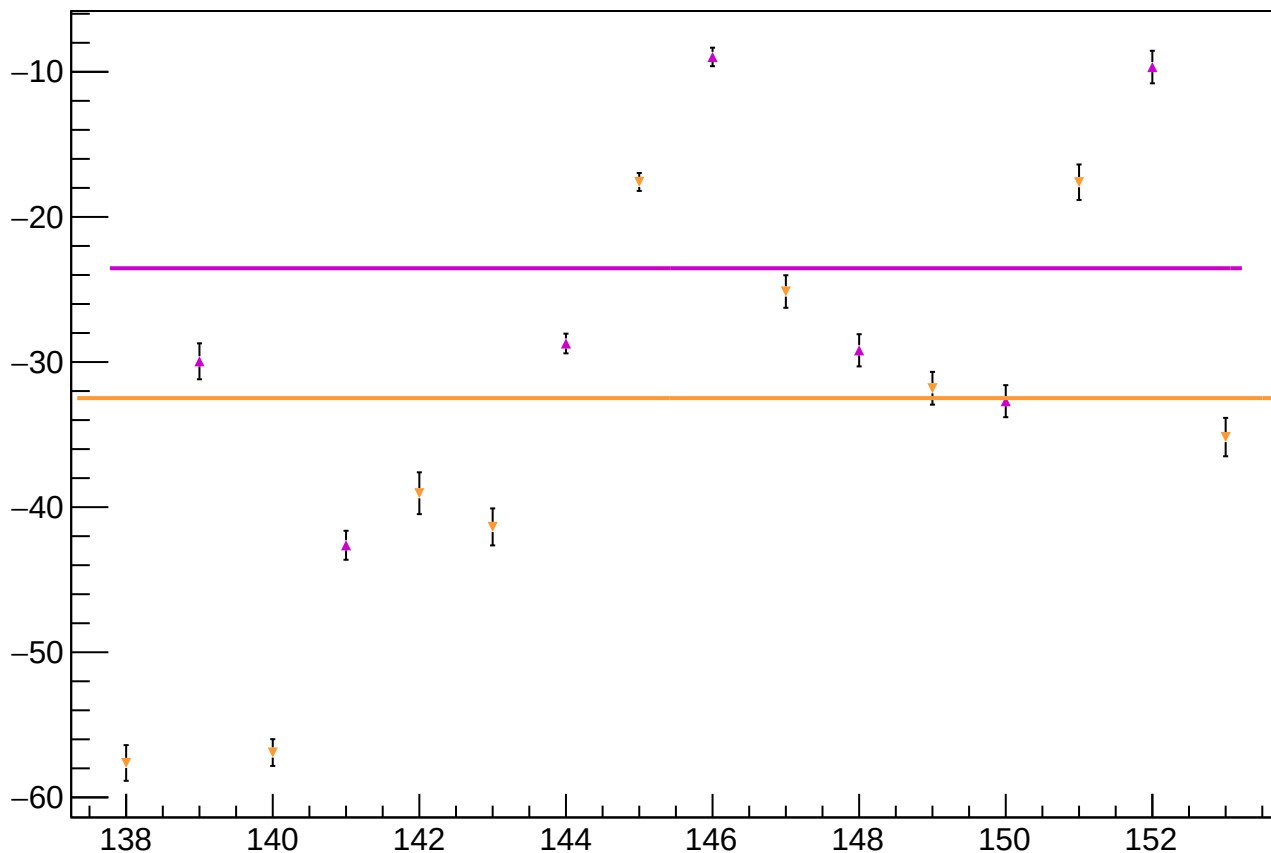
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1308.0/35

In: 1.202 $\pm$ 0.032 χ^2 /NDF:967.2/23

Out: 1.119 $\pm$ 0.030 χ^2 /NDF:1503.9/27

All: 1.158 $\pm$ 0.022 χ^2 /NDF: 2474.6/51

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -32.485 ± 0.345 χ^2/NDF : 1966.9/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Left: -27.924 ± 0.242 χ^2/NDF : 3528.1/15

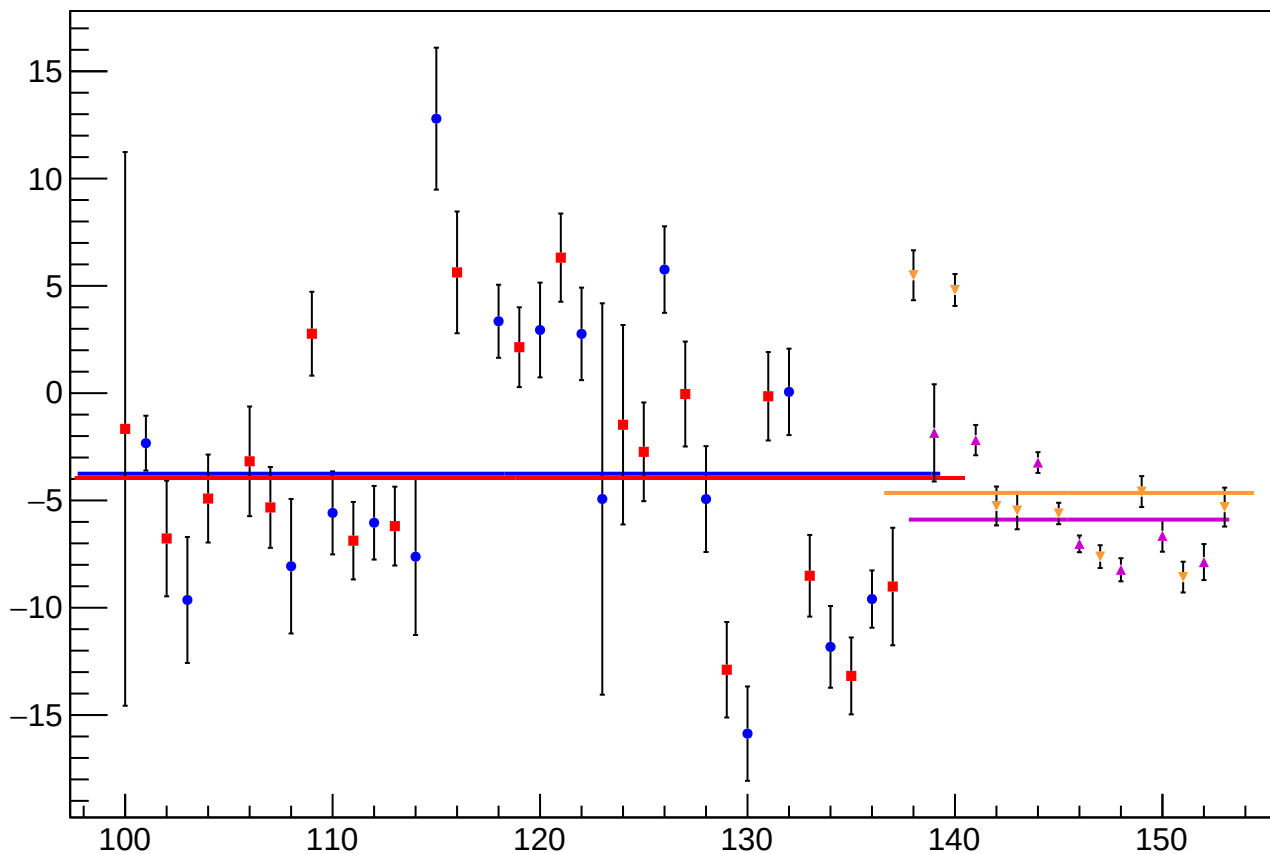
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Out: -32.485 ± 0.345 χ^2/NDF : 1966.9/8

All: -27.924 ± 0.242 χ^2/NDF : 3528.1/15

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.650 ± 0.238 χ^2/NDF : 303.7/8

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

Left In: -5.893 ± 0.225 χ^2/NDF : 94.9/6

Left: -5.305 ± 0.163 χ^2/NDF : 413.0/15

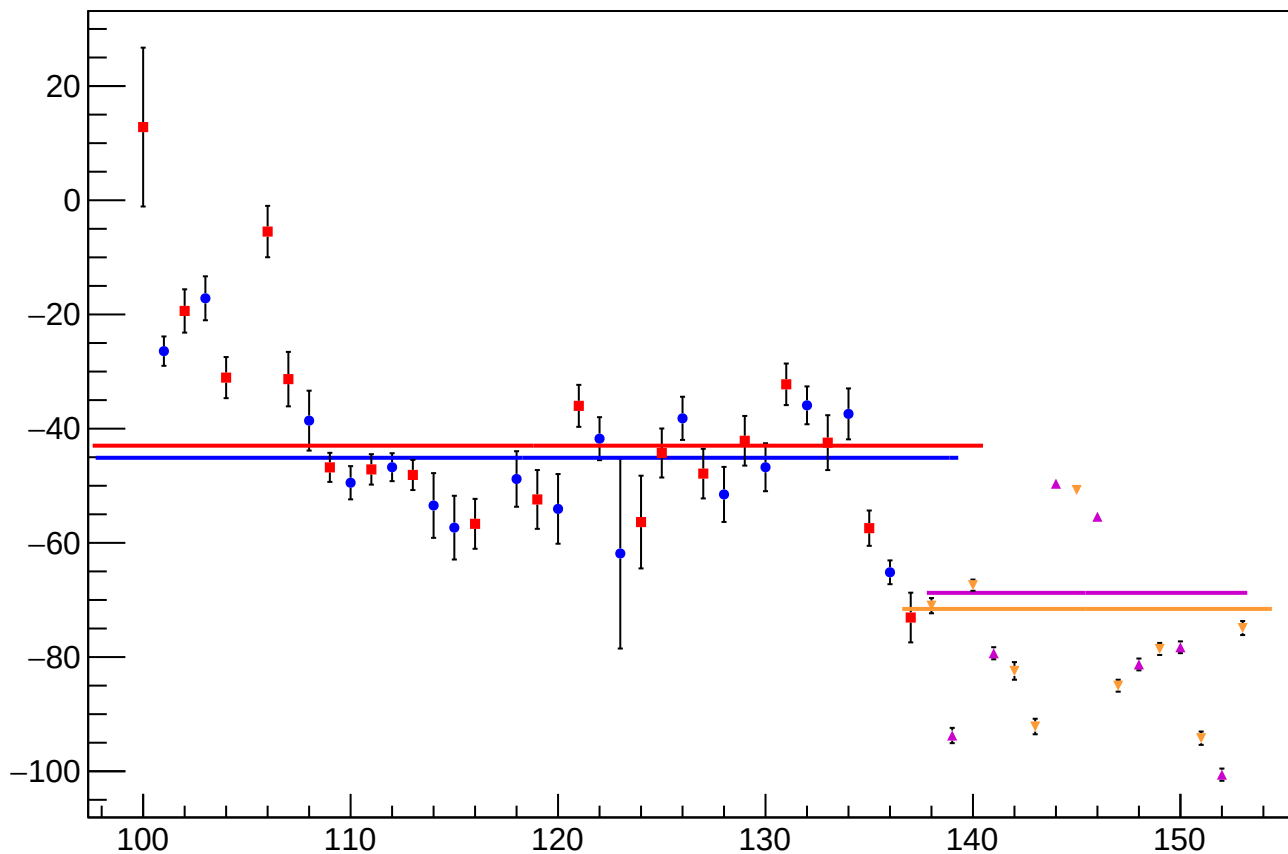
Right: -3.852 ± 0.354 χ^2/NDF : 288.7/35

In: -5.527 ± 0.205 χ^2/NDF : 275.7/23

Out: -4.525 ± 0.215 χ^2/NDF : 428.5/27

All: -5.050 ± 0.148 χ^2/NDF : 715.6/51

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.566 ± 0.351 χ^2/NDF : 1897.6/8

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

Left In: -68.754 ± 0.338 χ^2/NDF : 2724.7/6

Left: -70.107 ± 0.244 χ^2/NDF : 4655.5/15

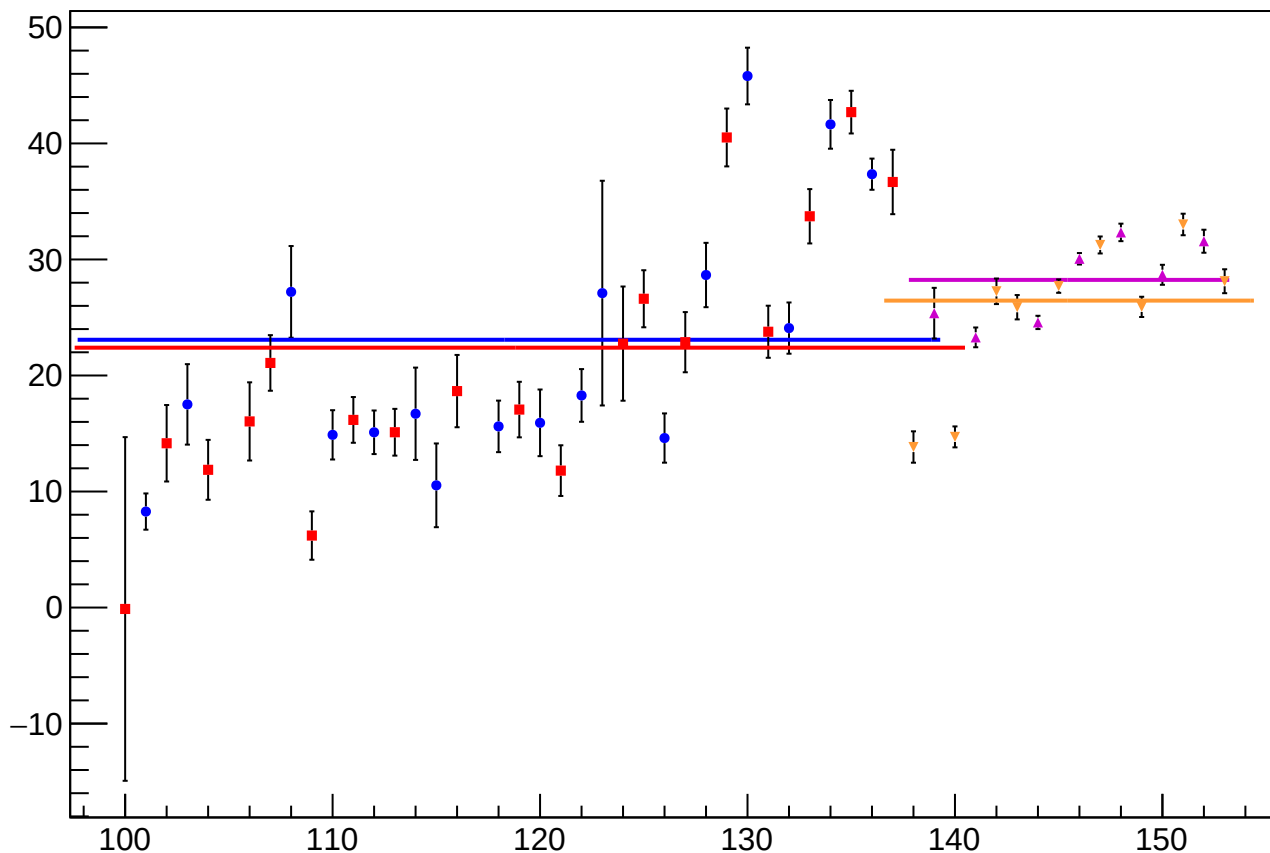
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -65.712 ± 0.316 χ^2/NDF : 3582.9/23

Out: -67.612 ± 0.326 χ^2/NDF : 3061.2/27

All: -66.631 ± 0.227 χ^2/NDF : 6661.7/51

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.454 $\pm$ 0.291 χ^2 /NDF:357.8/8

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

Left In: 28.239 $\pm$ 0.279 χ^2 /NDF:131.0/6

Left: 27.384 $\pm$ 0.201 χ^2 /NDF: 508.4/15

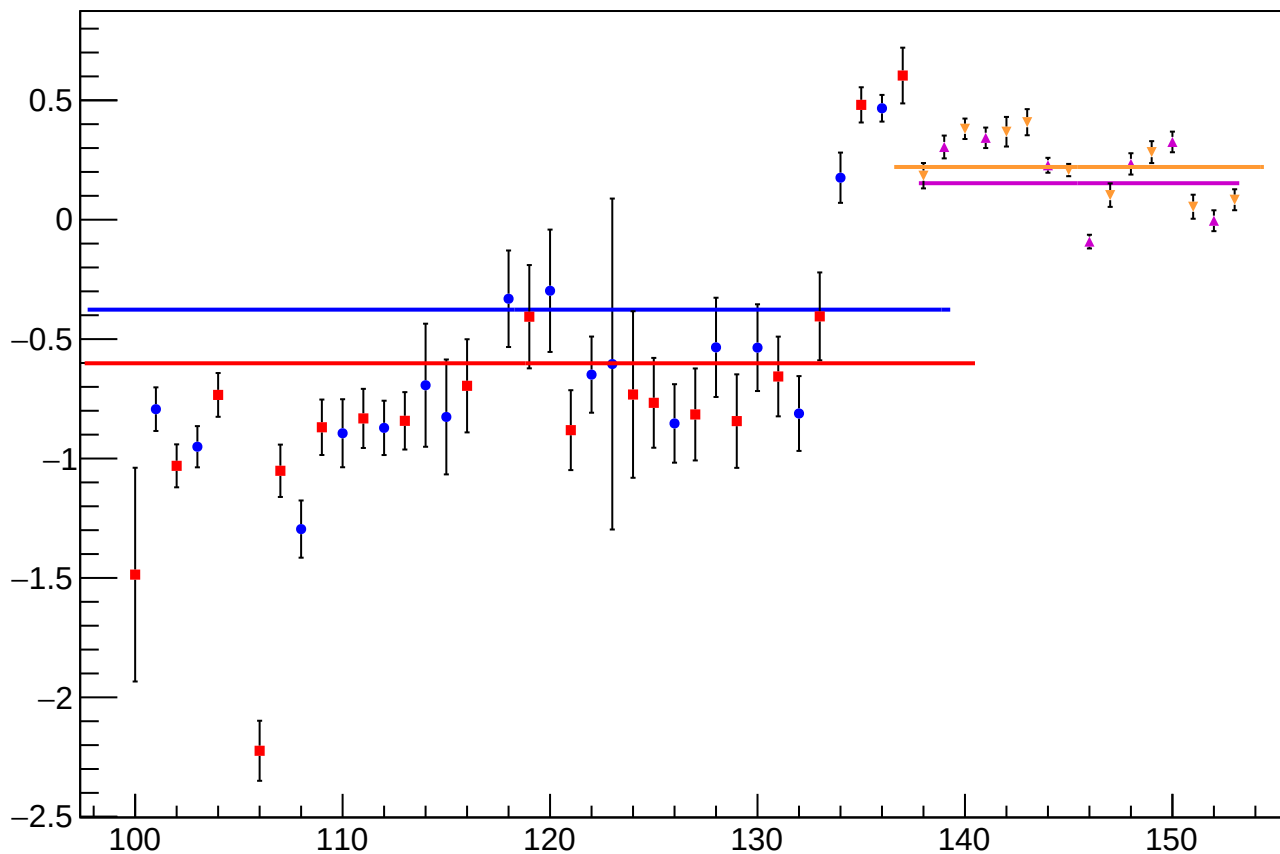
Right: 22.748 $\pm$ 0.399 χ^2 /NDF: 832.1/35

In: 27.200 $\pm$ 0.249 χ^2 /NDF:660.9/23

Out: 25.621 $\pm$ 0.259 χ^2 /NDF:768.0/27

All: 26.442 $\pm$ 0.180 χ^2 /NDF: 1448.2/51

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.221 ± 0.014 χ^2/NDF : 60.4/8

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

Left In: 0.153 ± 0.014 χ^2/NDF : 140.5/6

Left: 0.187 ± 0.010 χ^2/NDF : 211.9/15

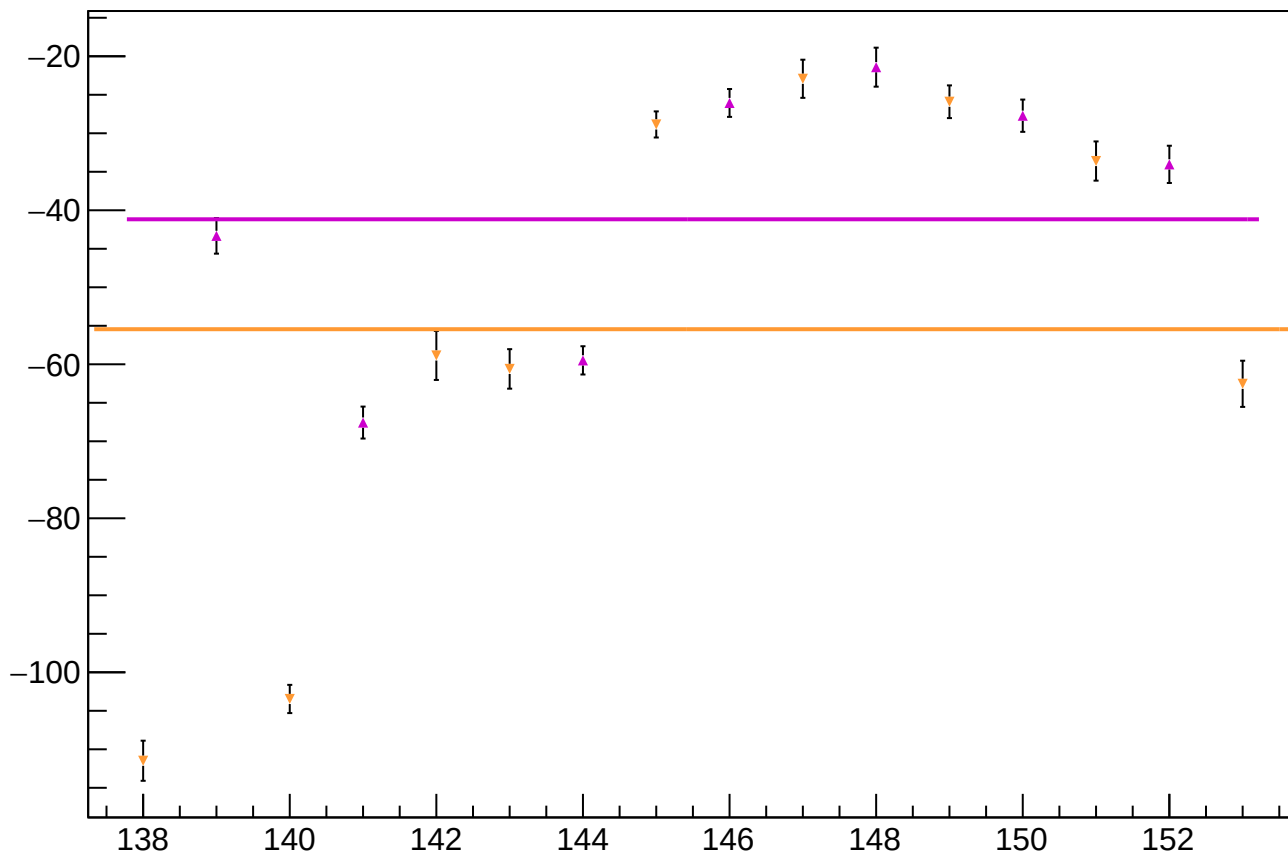
Right: -0.489 ± 0.021 χ^2/NDF : 1020.5/35

In: 0.053 ± 0.013 χ^2/NDF : 829.4/23

Out: 0.068 ± 0.013 χ^2/NDF : 1220.0/27

All: 0.061 ± 0.009 χ^2/NDF : 2050.0/51

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



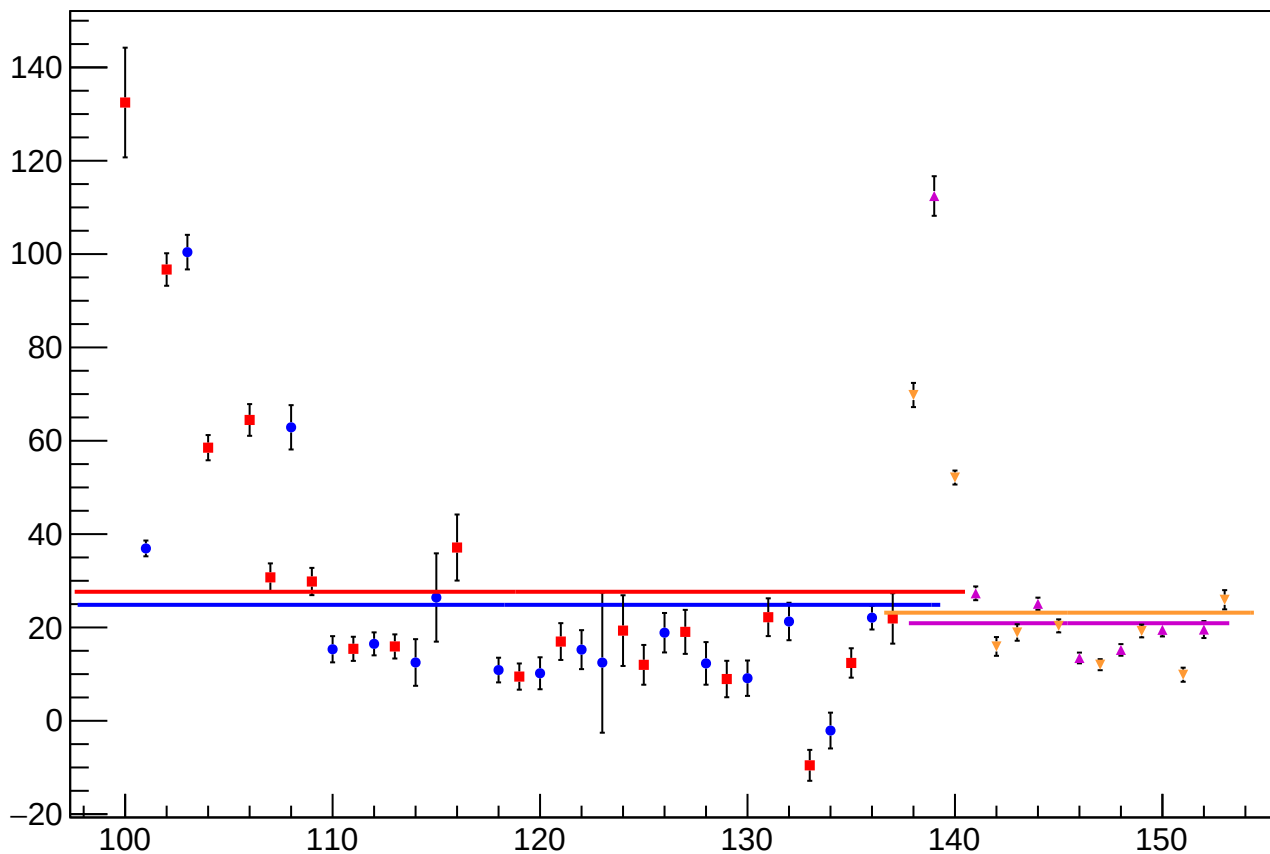
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.444+/-0.768 χ^2/NDF :1845.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.171+/-0.796 χ^2/NDF :442.9/6

Left: -48.564+/-0.553 χ^2/NDF : 2455.0/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.171+/-0.796 χ^2/NDF :442.9/6
 Out: -55.444+/-0.768 χ^2/NDF :1845.8/8

All: -48.564+/-0.553 χ^2/NDF : 2455.0/15

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 ± 0.801 χ^2/NDF : 690.8/16

Left Out: 23.167 ± 0.527 χ^2/NDF : 895.3/8

Right Out: 27.648 ± 0.810 χ^2/NDF : 1009.2/18

Left In: 20.908 ± 0.551 χ^2/NDF : 559.0/6

Left: 22.087 ± 0.381 χ^2/NDF : 1463.2/15

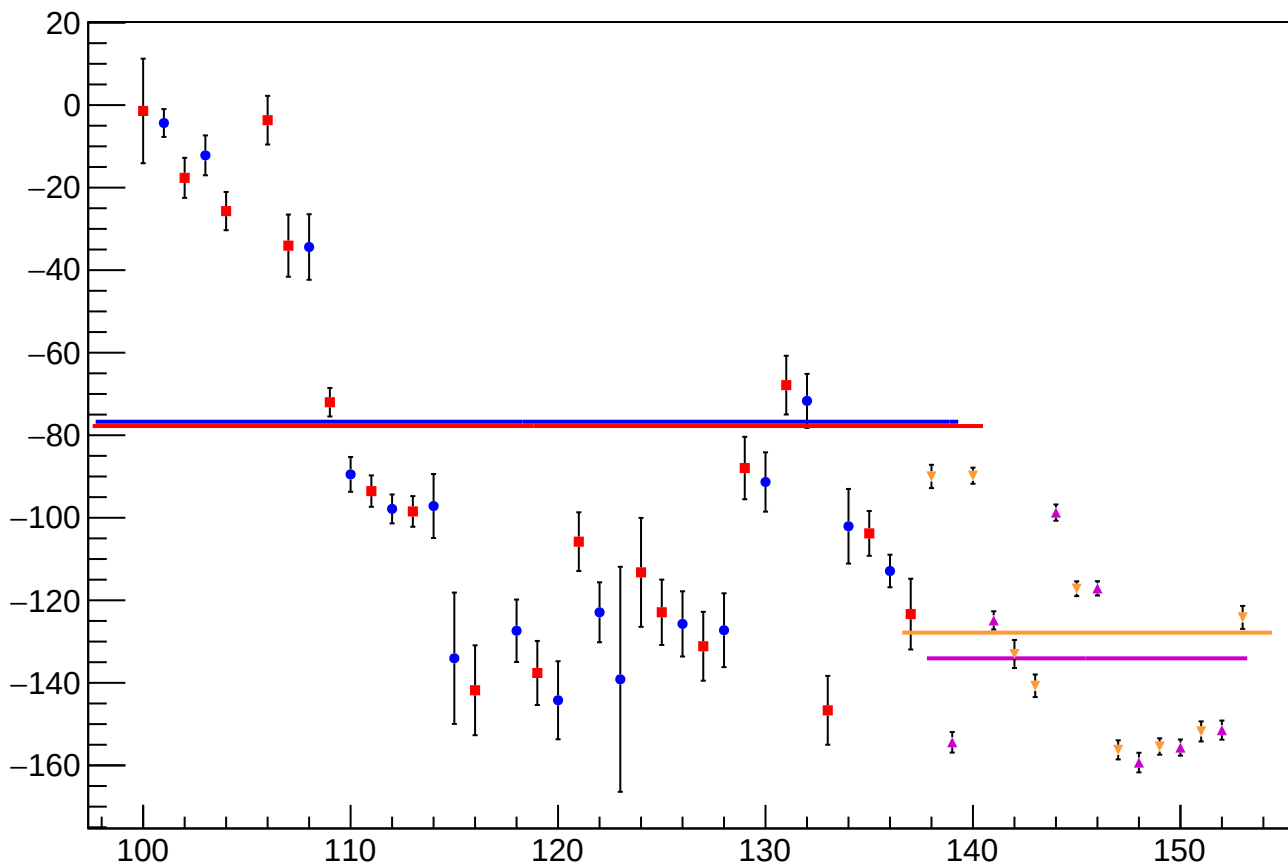
Right: 26.231 ± 0.570 χ^2/NDF : 1706.0/35

In: 22.173 ± 0.454 χ^2/NDF : 1266.3/23

Out: 24.500 ± 0.442 χ^2/NDF : 1926.0/27

All: 23.367 ± 0.317 χ^2/NDF : 3205.8/51

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -127.830 ± 0.777 $\chi^2/\text{NDF}: 1061.2/8$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

Left In: -134.064 ± 0.796 $\chi^2/\text{NDF}: 792.8/6$

Left: -130.872 ± 0.556 $\chi^2/\text{NDF}: 1885.3/15$

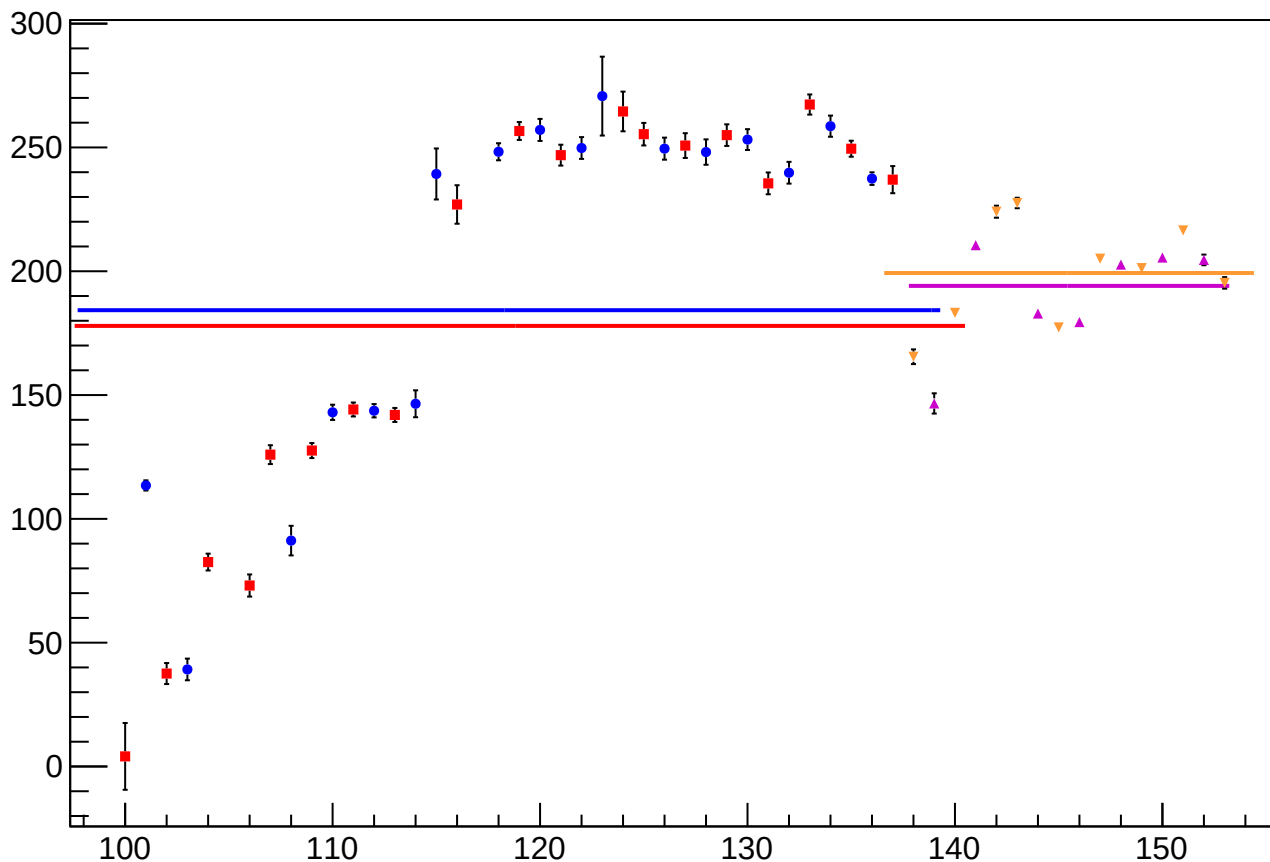
Right: -77.273 ± 0.977 $\chi^2/\text{NDF}: 1914.1/35$

In: -120.250 ± 0.693 $\chi^2/\text{NDF}: 3086.0/23$

Out: -115.412 ± 0.674 $\chi^2/\text{NDF}: 2963.3/27$

All: -117.761 ± 0.483 $\chi^2/\text{NDF}: 6074.4/51$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2/NDF : 5401.0/16

Left Out: 199.288 $\pm$ 0.646 χ^2/NDF : 773.0/8

Right Out: 177.930 $\pm$ 0.924 χ^2/NDF : 6330.9/18

Left In: 194.092 $\pm$ 0.674 χ^2/NDF : 473.5/6

Left: 196.799 $\pm$ 0.466 χ^2/NDF : 1277.5/15

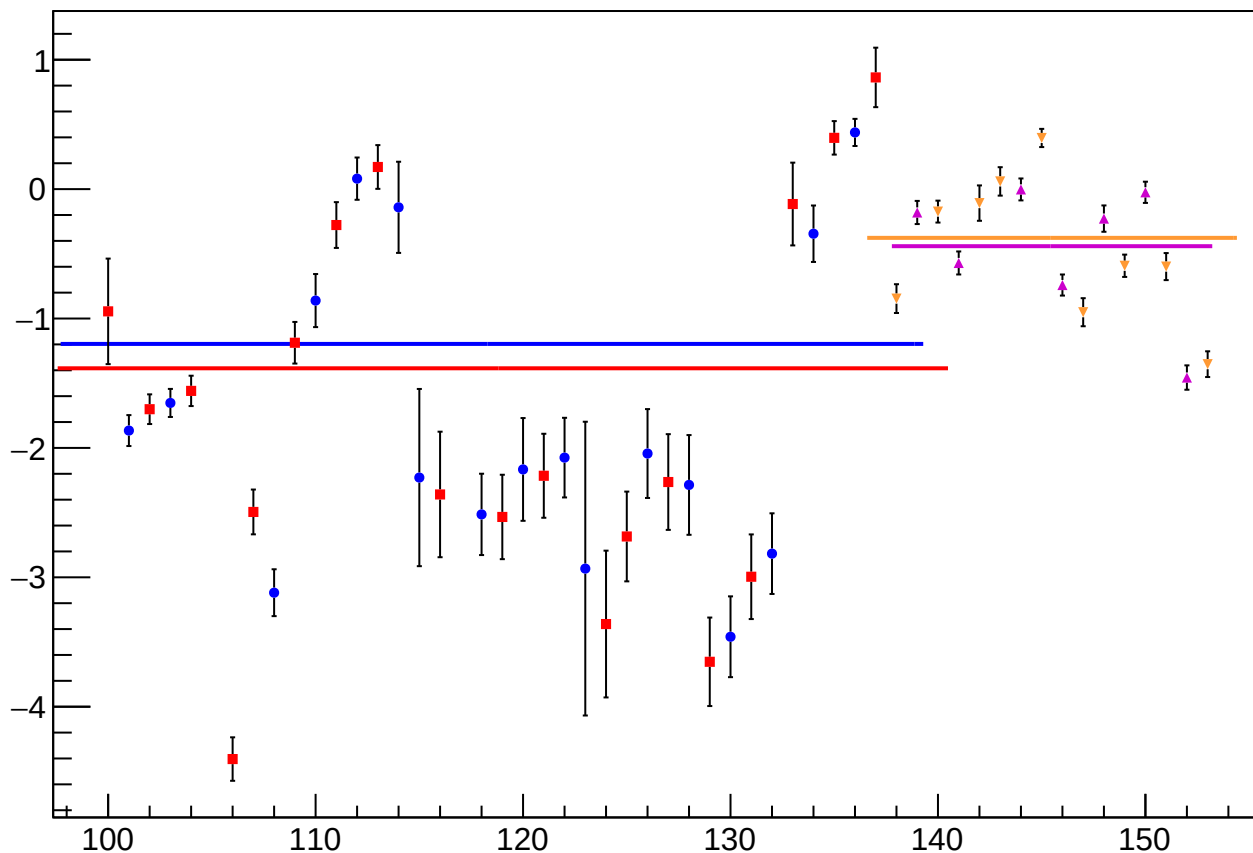
Right: 181.136 $\pm$ 0.650 χ^2/NDF : 11755.7/35

In: 190.632 $\pm$ 0.542 χ^2/NDF : 5949.3/23

Out: 192.272 $\pm$ 0.530 χ^2/NDF : 7462.7/27

All: 191.471 $\pm$ 0.379 χ^2/NDF : 13416.8/51

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.377 ± 0.032 χ^2/NDF : 298.9/8

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

Left In: -0.441 ± 0.033 χ^2/NDF : 197.4/6

Left: -0.408 ± 0.023 χ^2/NDF : 498.2/15

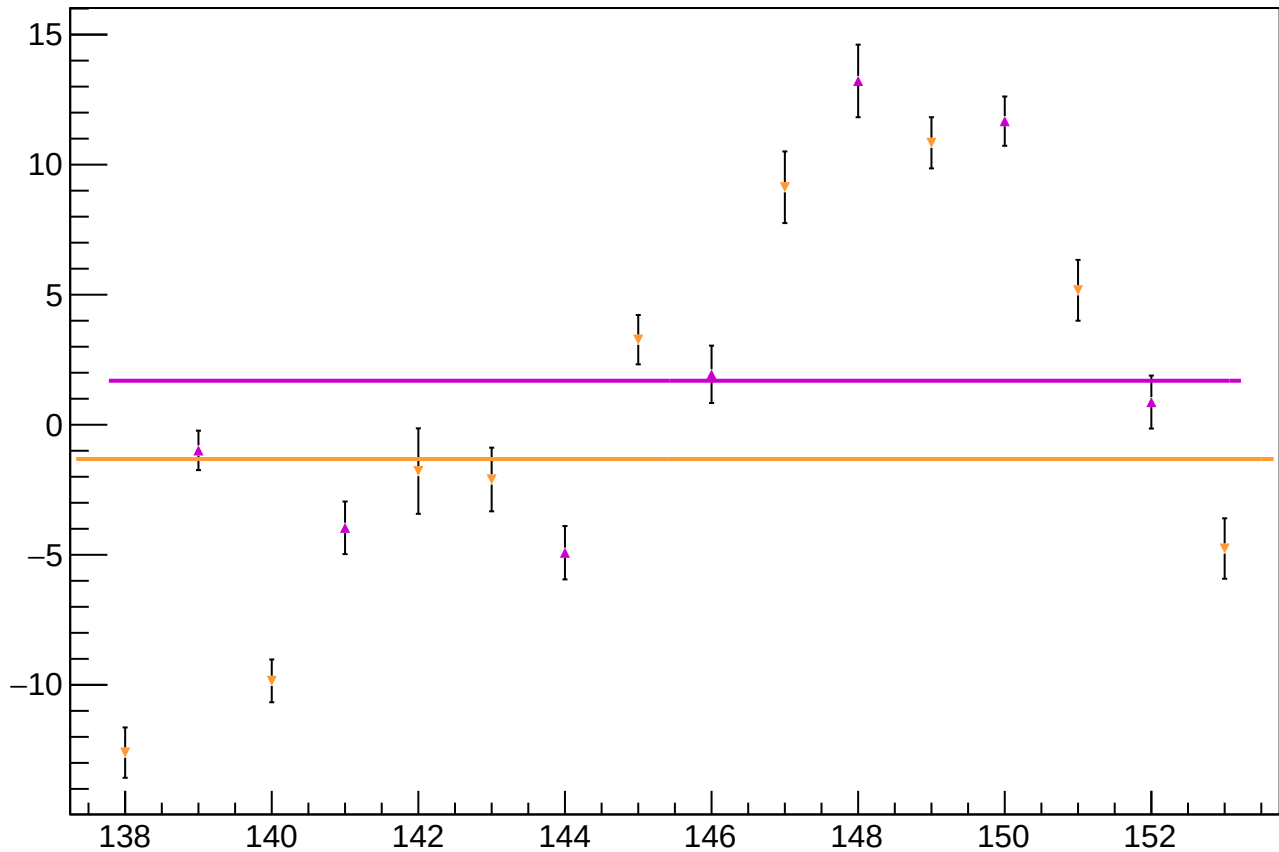
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.686 ± 0.027 χ^2/NDF : 987.1/23

Out: -0.709 ± 0.026 χ^2/NDF : 1548.5/27

All: -0.698 ± 0.019 χ^2/NDF : 2535.9/51

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.317+/-0.360 χ^2/NDF :517.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.692+/-0.376 χ^2/NDF :265.3/6

Left: 0.122+/-0.260 χ^2/NDF : 815.8/15

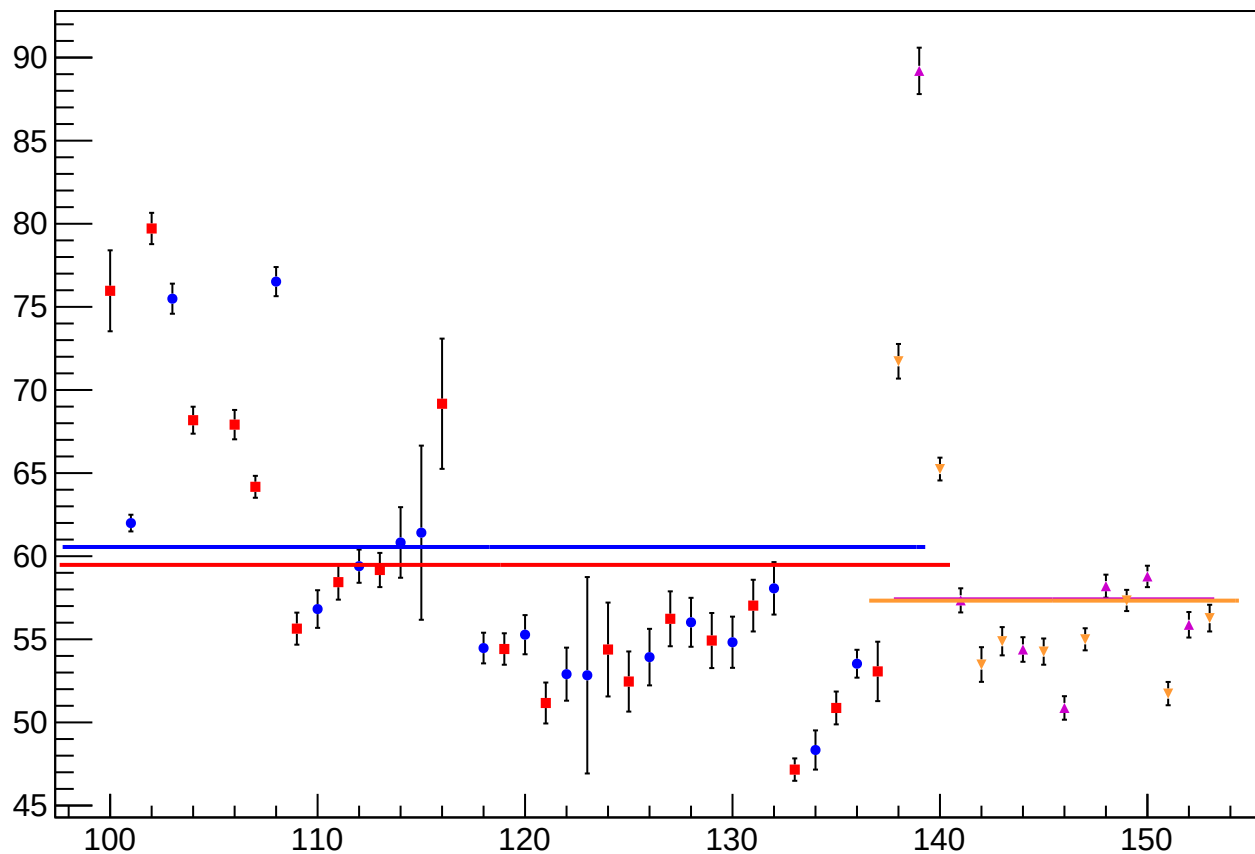
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.692+/-0.376 χ^2/NDF :265.3/6

Out: -1.317+/-0.360 χ^2/NDF :517.1/8

All: 0.122+/-0.260 χ^2/NDF : 815.8/15

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 57.327 $\pm$ 0.256 χ^2 /NDF: 438.8/8

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

Left In: 57.405 $\pm$ 0.284 χ^2 /NDF: 630.4/6

Left: 57.362 $\pm$ 0.190 χ^2 /NDF: 1069.2/15

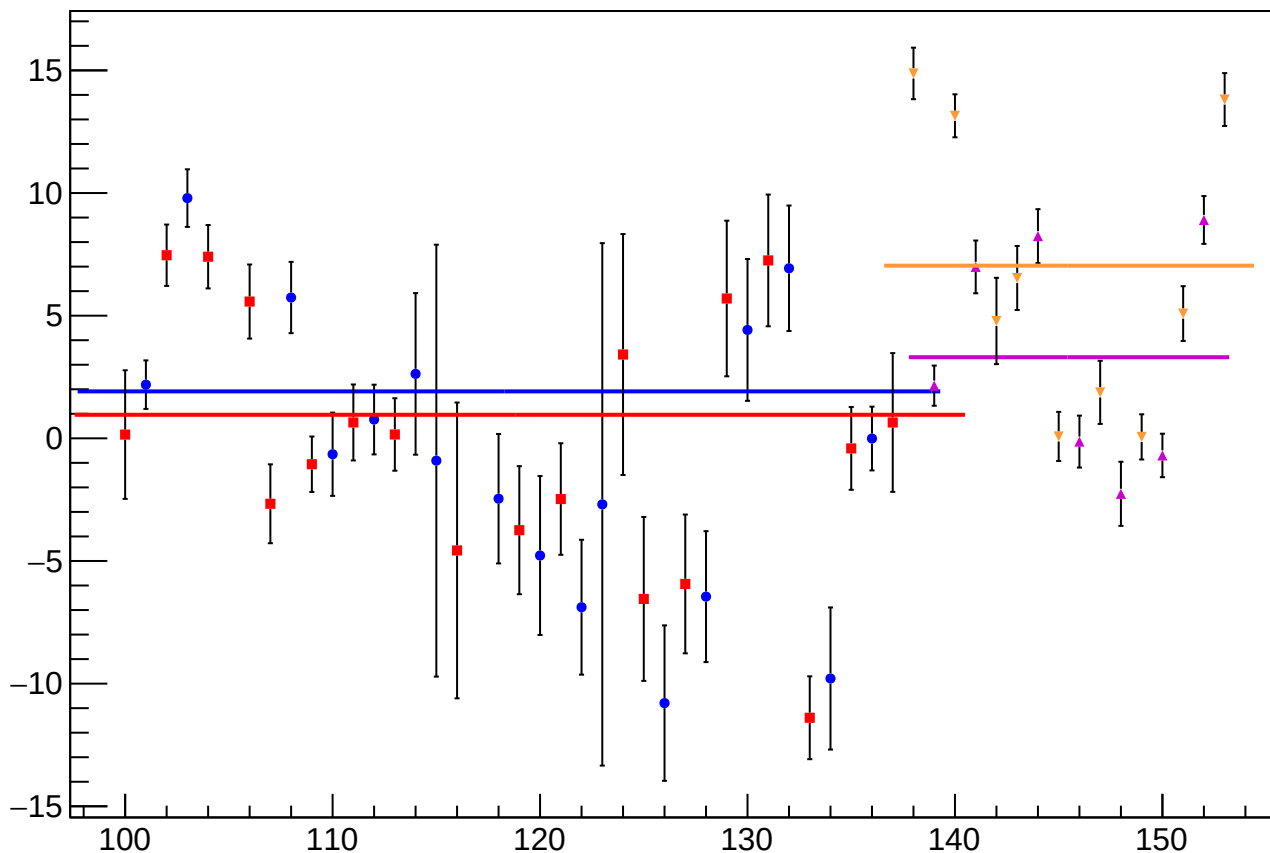
Right: 59.987 $\pm$ 0.180 χ^2 /NDF: 2256.7/35

In: 59.107 $\pm$ 0.192 χ^2 /NDF: 1627.8/23

Out: 58.436 $\pm$ 0.178 χ^2 /NDF: 1792.2/27

All: 58.746 $\pm$ 0.131 χ^2 /NDF: 3426.5/51

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 $\chi^2/\text{NDF}: 121.6/16$

Left Out: 7.039 ± 0.364 $\chi^2/\text{NDF}: 270.5/8$

Right Out: 0.960 ± 0.424 $\chi^2/\text{NDF}: 149.5/18$

Left In: 3.307 ± 0.378 $\chi^2/\text{NDF}: 116.0/6$

Left: 5.246 ± 0.262 $\chi^2/\text{NDF}: 437.1/15$

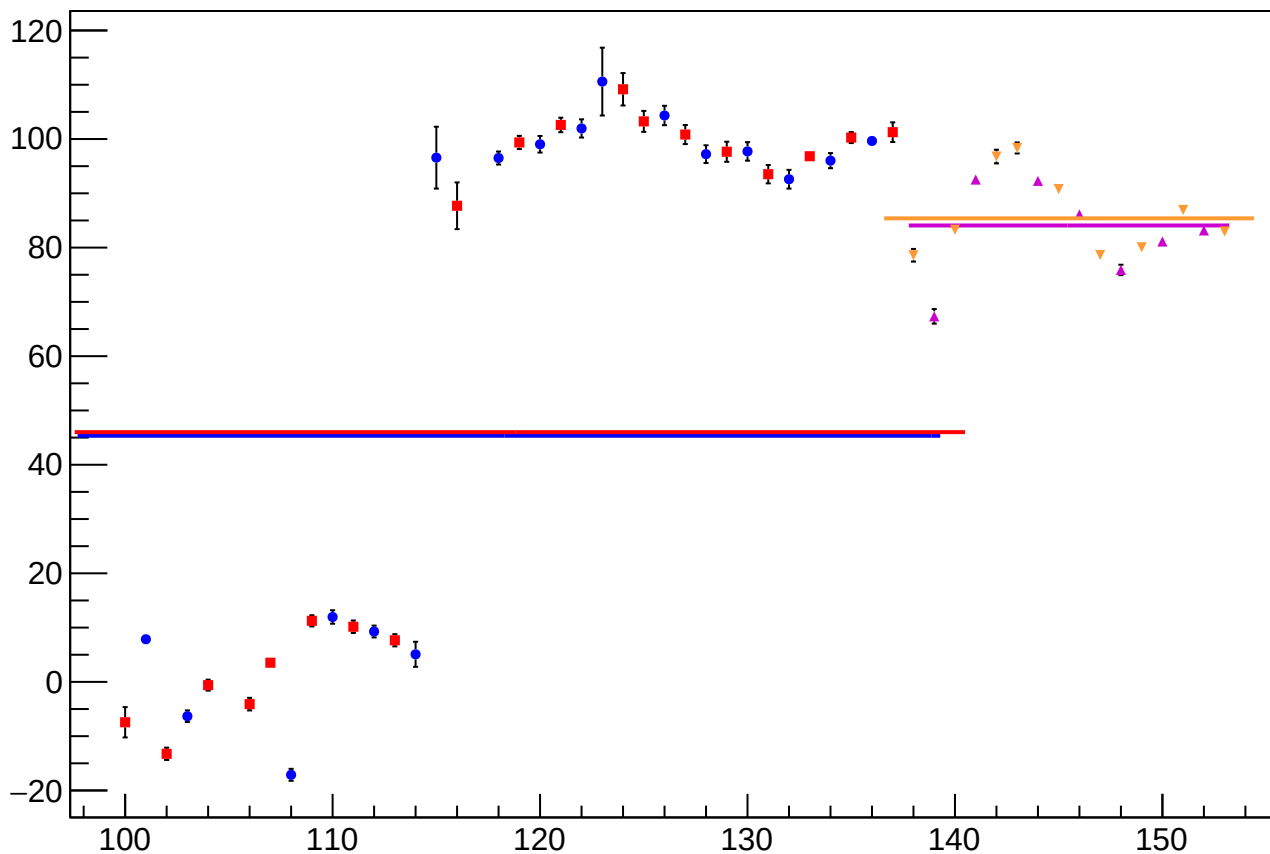
Right: 1.401 ± 0.311 $\chi^2/\text{NDF}: 273.4/35$

In: 2.741 ± 0.292 $\chi^2/\text{NDF}: 243.1/23$

Out: 4.464 ± 0.276 $\chi^2/\text{NDF}: 538.4/27$

All: 3.650 ± 0.200 $\chi^2/\text{NDF}: 799.9/51$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 85.391 $\pm$ 0.310 χ^2 /NDF:434.0/8

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

Left In: 84.078 $\pm$ 0.341 χ^2 /NDF:433.2/6

Left: 84.796 $\pm$ 0.229 χ^2 /NDF: 875.4/15

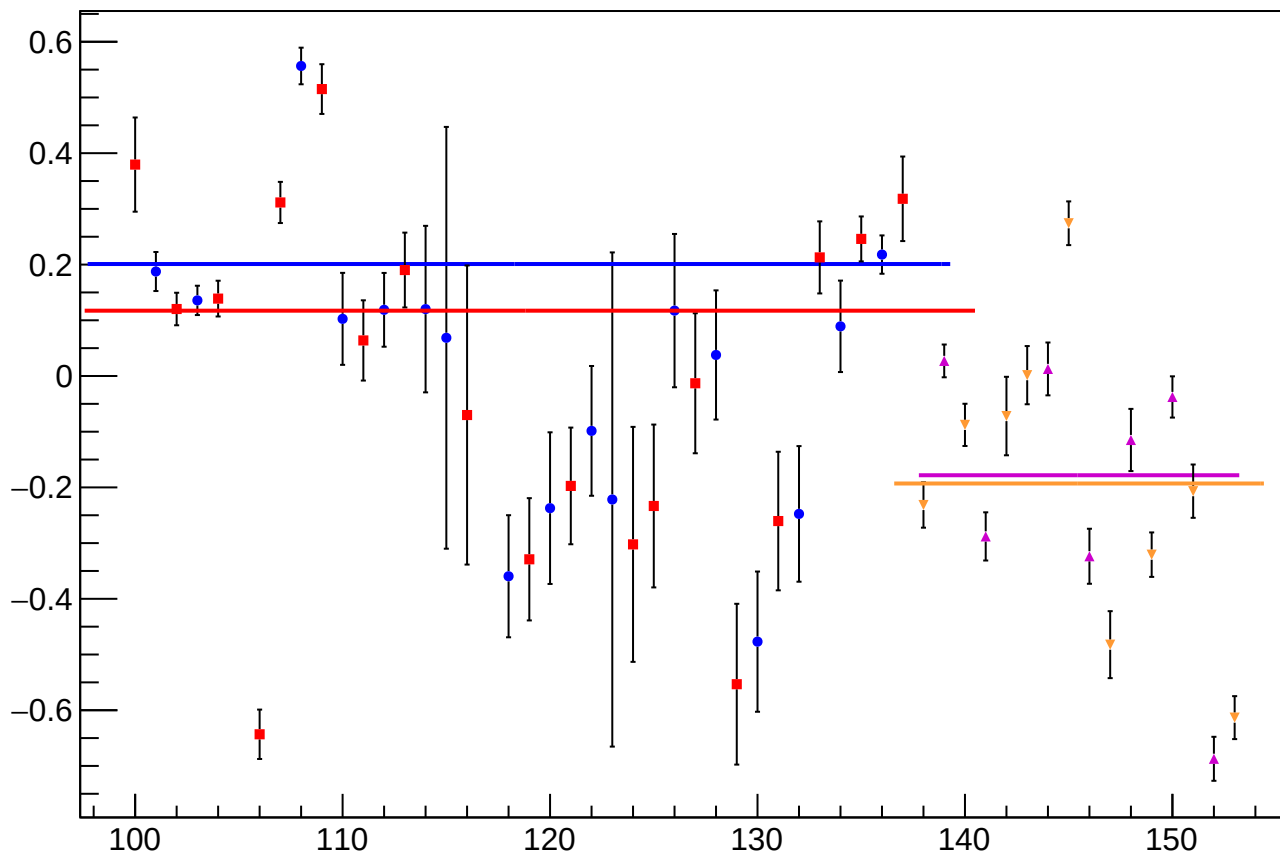
Right: 45.691 $\pm$ 0.209 χ^2 /NDF: 53293.4/35

In: 62.464 $\pm$ 0.227 χ^2 /NDF:32715.9/23

Out: 64.350 $\pm$ 0.212 χ^2 /NDF:37275.8/27

All: 63.471 $\pm$ 0.155 χ^2 /NDF: 70028.7/51

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.193 ± 0.015 χ^2/NDF : 319.5/8

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

Left In: -0.178 ± 0.015 χ^2/NDF : 261.8/6

Left: -0.186 ± 0.011 χ^2/NDF : 581.8/15

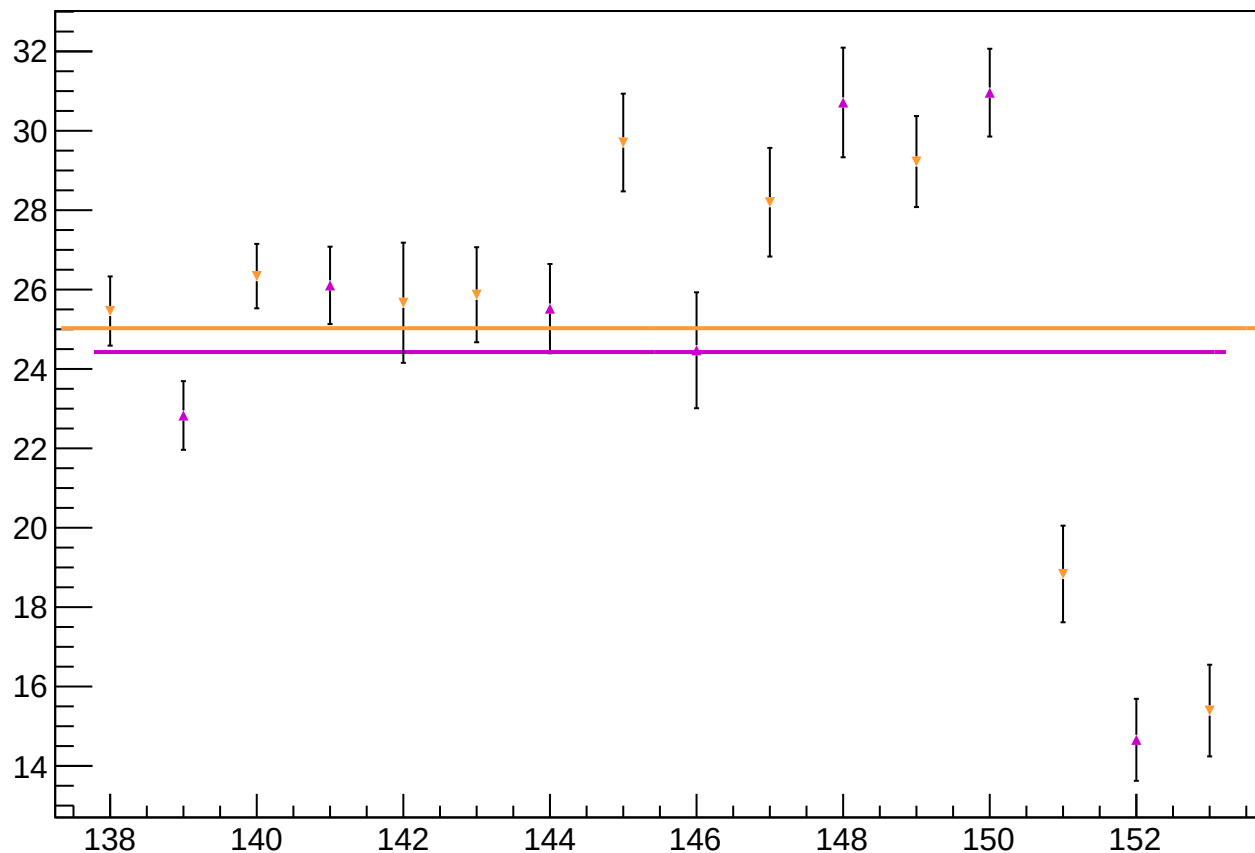
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: 0.029 ± 0.010 χ^2/NDF : 811.6/23

Out: -0.017 ± 0.010 χ^2/NDF : 1066.3/27

All: 0.004 ± 0.007 χ^2/NDF : 1888.3/51

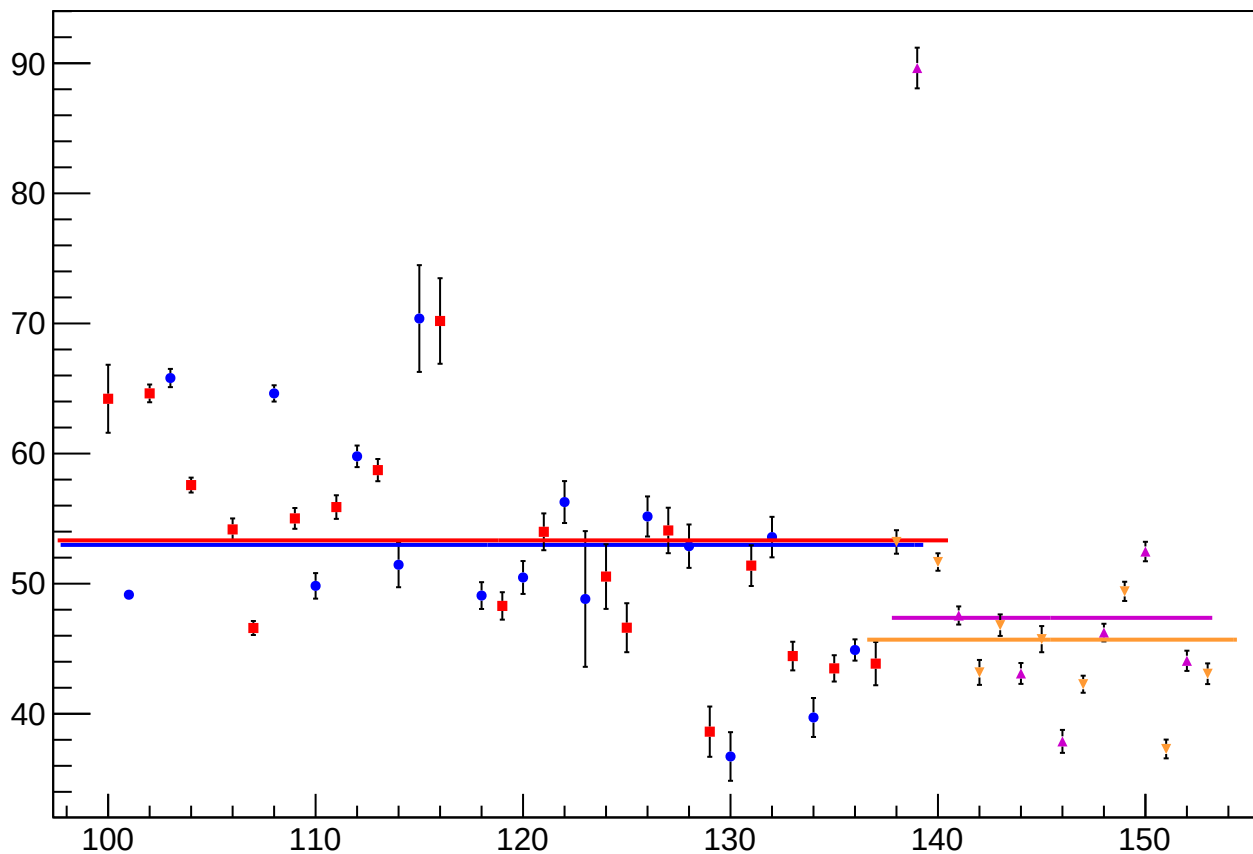
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



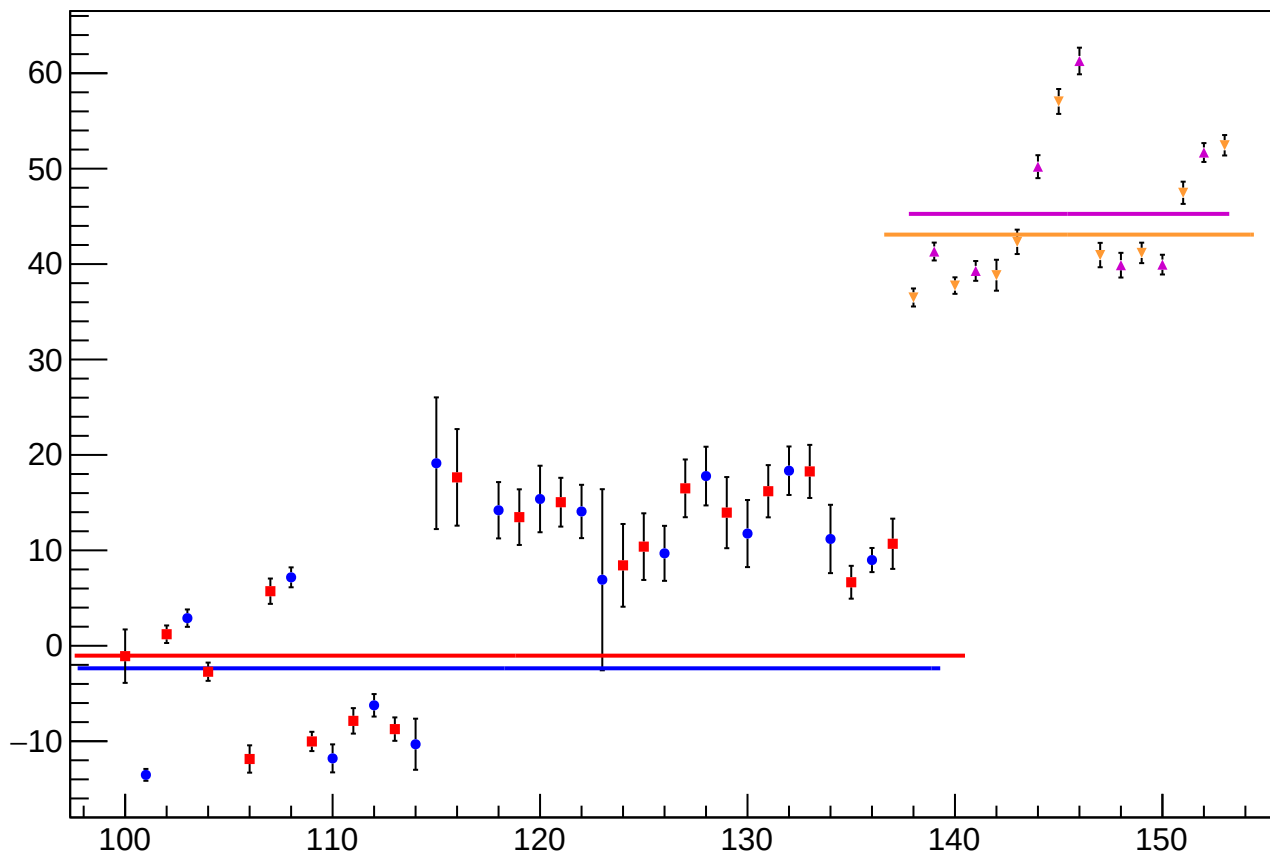
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.027+/-0.369 χ^2/NDF :132.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.426+/-0.411 χ^2/NDF :152.5/6

Left: 24.759+/-0.274 χ^2/NDF : 285.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.426+/-0.411 χ^2/NDF :152.5/6
 Out: 25.027+/-0.369 χ^2/NDF :132.3/8
 All: 24.759+/-0.274 χ^2/NDF : 285.9/15

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 43.089 ± 0.375 χ^2/NDF : 304.9/8

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

Left In: 45.260 ± 0.414 χ^2/NDF : 285.8/6

Left: 44.066 ± 0.278 χ^2/NDF : 605.9/15

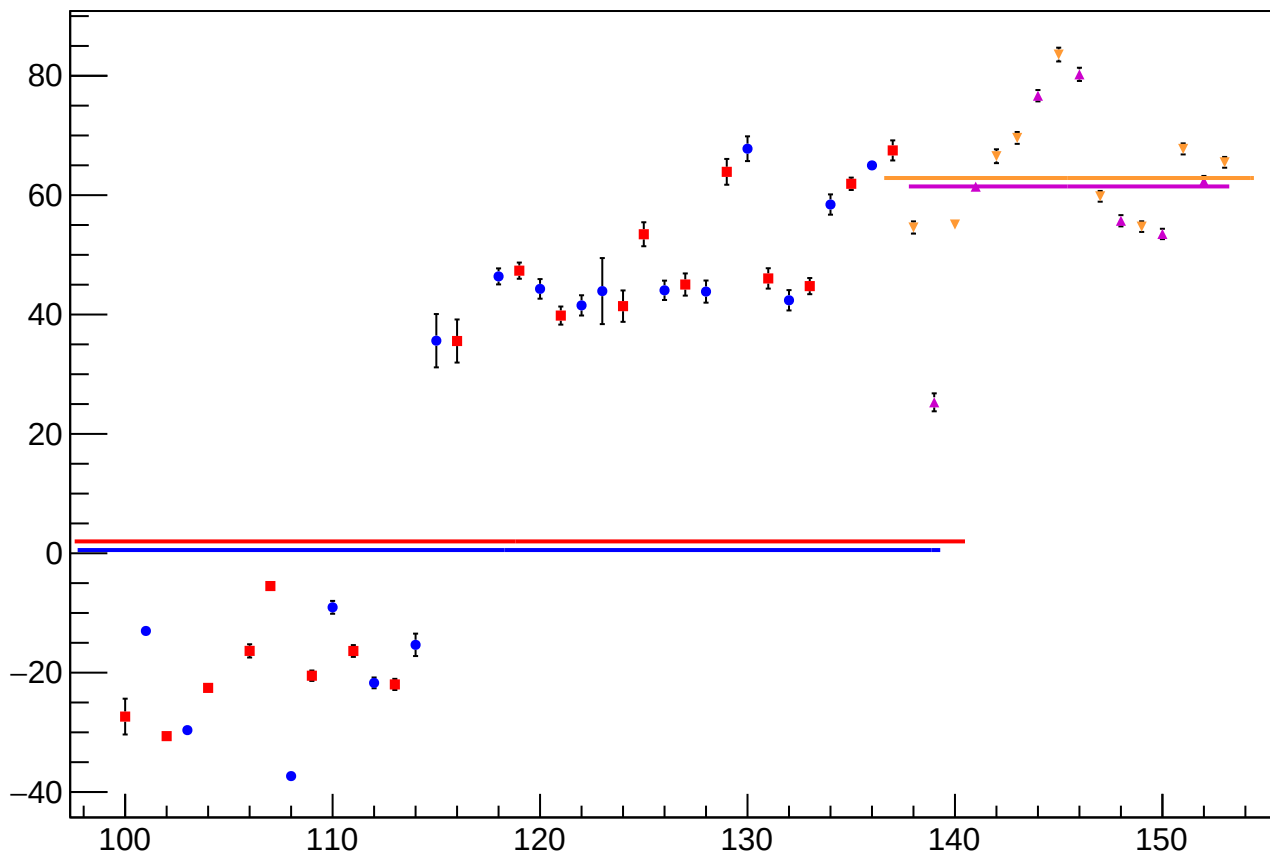
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 18.387 ± 0.273 χ^2/NDF : 8591.4/23

Out: 21.167 ± 0.266 χ^2/NDF : 7708.4/27

All: 19.816 ± 0.190 χ^2/NDF : 16353.0/51

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 62.874 ± 0.318 χ^2/NDF : 666.0/8

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

Left In: 61.460 ± 0.367 χ^2/NDF : 1241.6/6

Left: 62.267 ± 0.240 χ^2/NDF : 1916.1/15

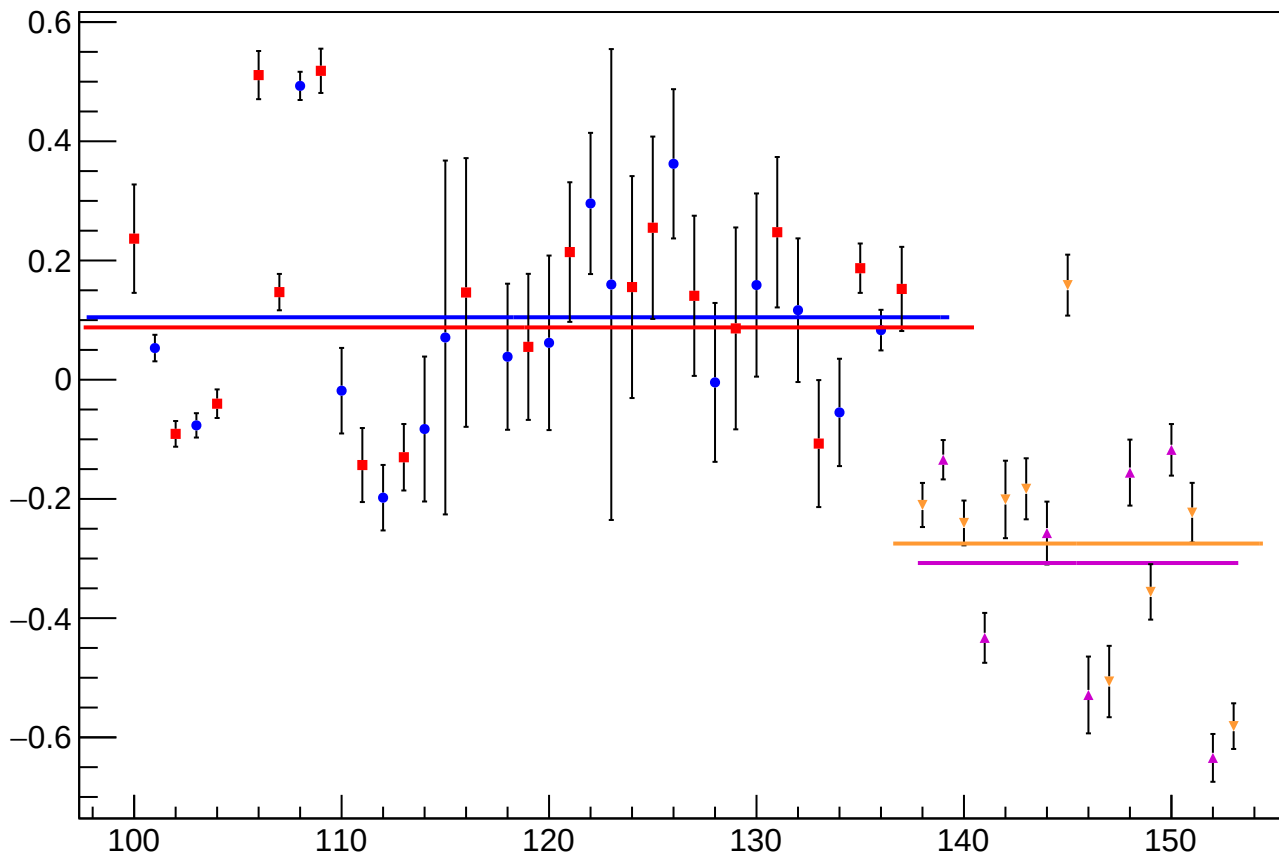
Right: 1.210 ± 0.181 χ^2/NDF : 33916.4/35

In: 19.510 ± 0.205 χ^2/NDF : 38651.5/23

Out: 27.109 ± 0.204 χ^2/NDF : 37673.7/27

All: 23.318 ± 0.145 χ^2/NDF : 77015.7/51

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.275 ± 0.015 $\chi^2/\text{NDF}: 163.3/8$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.308 ± 0.017 $\chi^2/\text{NDF}: 142.4/6$

Left: -0.290 ± 0.011 $\chi^2/\text{NDF}: 307.8/15$

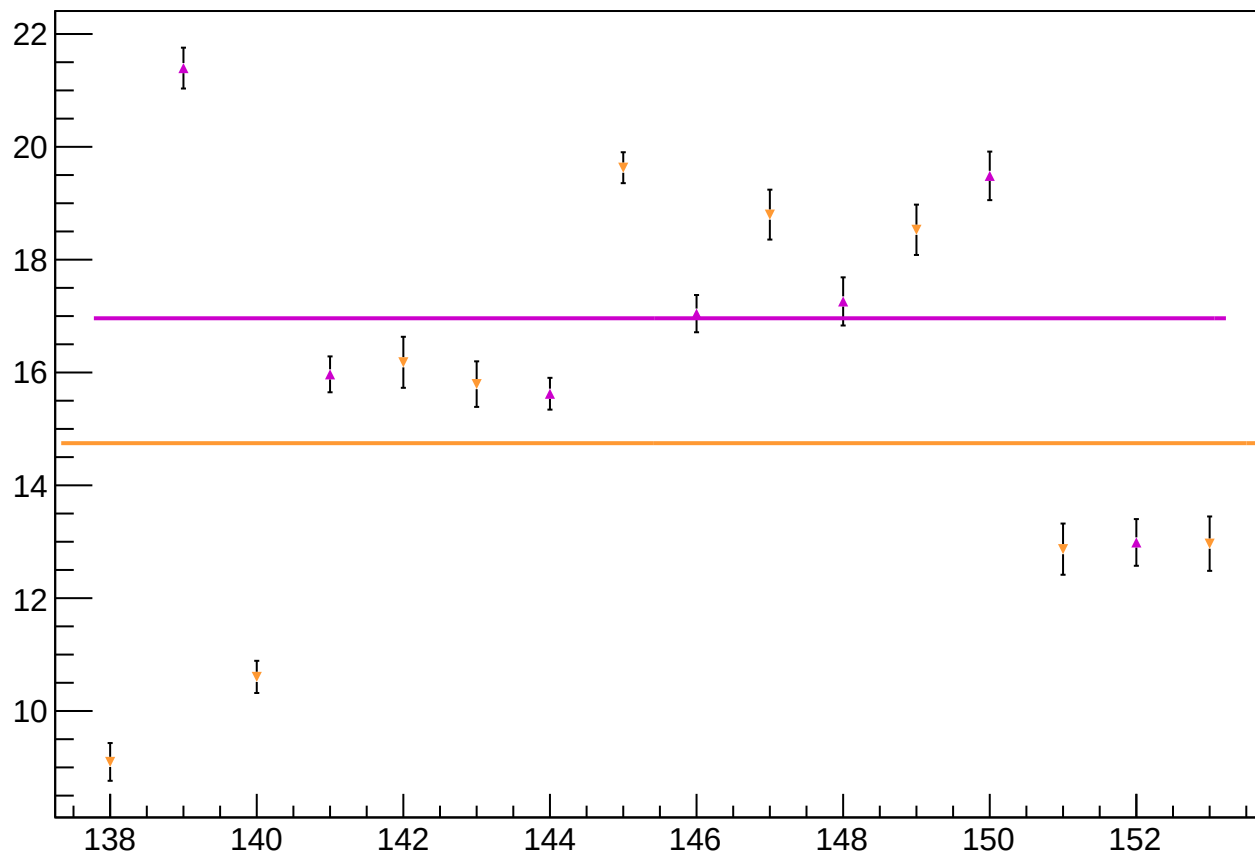
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 792.9/35$

In: -0.020 ± 0.009 $\chi^2/\text{NDF}: 966.3/23$

Out: -0.036 ± 0.009 $\chi^2/\text{NDF}: 923.8/27$

All: -0.028 ± 0.006 $\chi^2/\text{NDF}: 1891.6/51$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.747+/-0.124 χ^2/NDF :1016.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.961+/-0.134 χ^2/NDF :309.4/6

Left: 15.773+/-0.091 χ^2/NDF : 1473.4/15

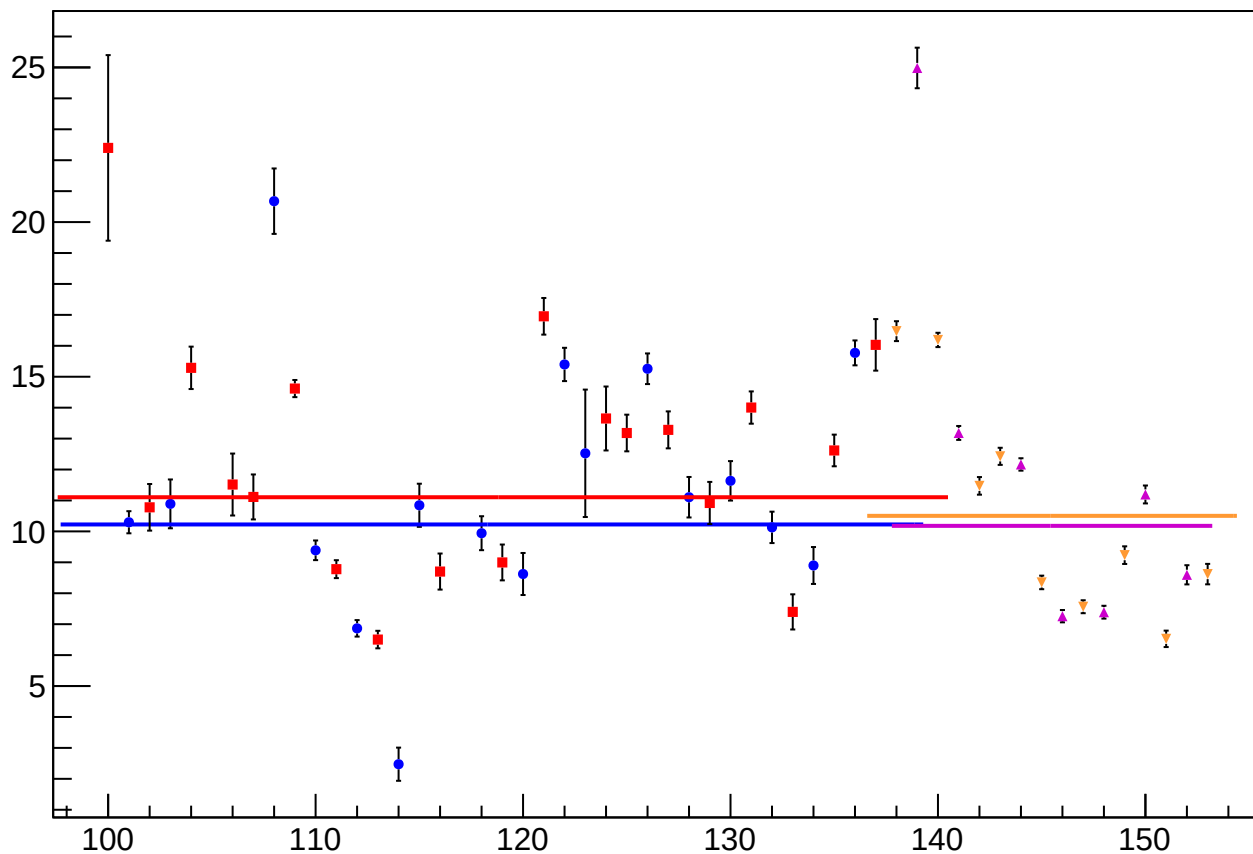
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.961+/-0.134 χ^2/NDF :309.4/6

Out: 14.747+/-0.124 χ^2/NDF :1016.7/8

All: 15.773+/-0.091 χ^2/NDF : 1473.4/15

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF : 877.6/16

Left Out: 10.503+/-0.087 χ^2/NDF : 1578.0/8

Right Out: 11.104+/-0.116 χ^2/NDF : 817.2/18

Left In: 10.179+/-0.092 χ^2/NDF : 1219.6/6

Left: 10.351+/-0.063 χ^2/NDF : 2804.1/15

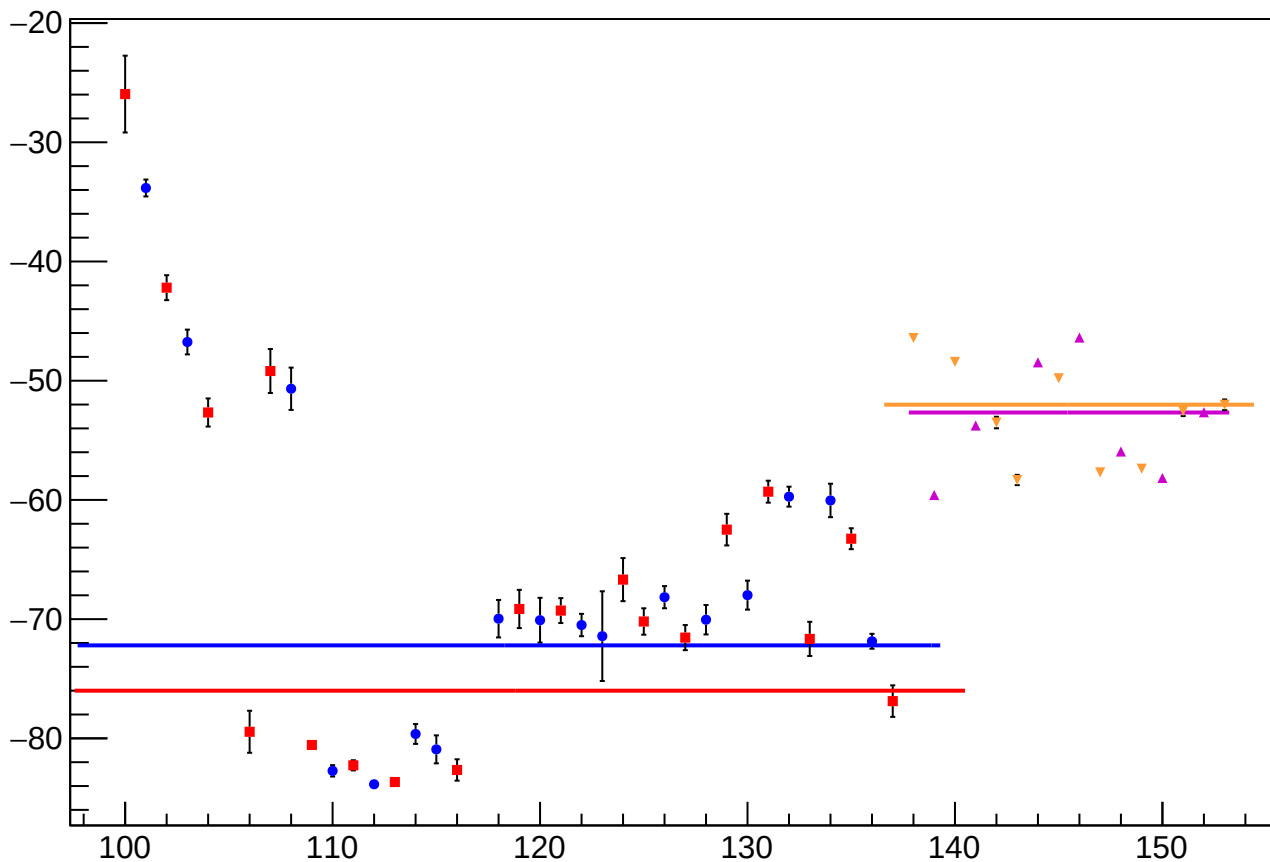
Right: 10.673+/-0.083 χ^2/NDF : 1722.7/35

In: 10.196+/-0.073 χ^2/NDF : 2097.2/23

Out: 10.717+/-0.070 χ^2/NDF : 2412.3/27

All: 10.469+/-0.050 χ^2/NDF : 4536.4/51

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -52.012 ± 0.127 $\chi^2/\text{NDF}: 1015.5/8$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.4/18$

Left In: -52.667 ± 0.135 $\chi^2/\text{NDF}: 1164.3/6$

Left: -52.321 ± 0.093 $\chi^2/\text{NDF}: 2192.2/15$

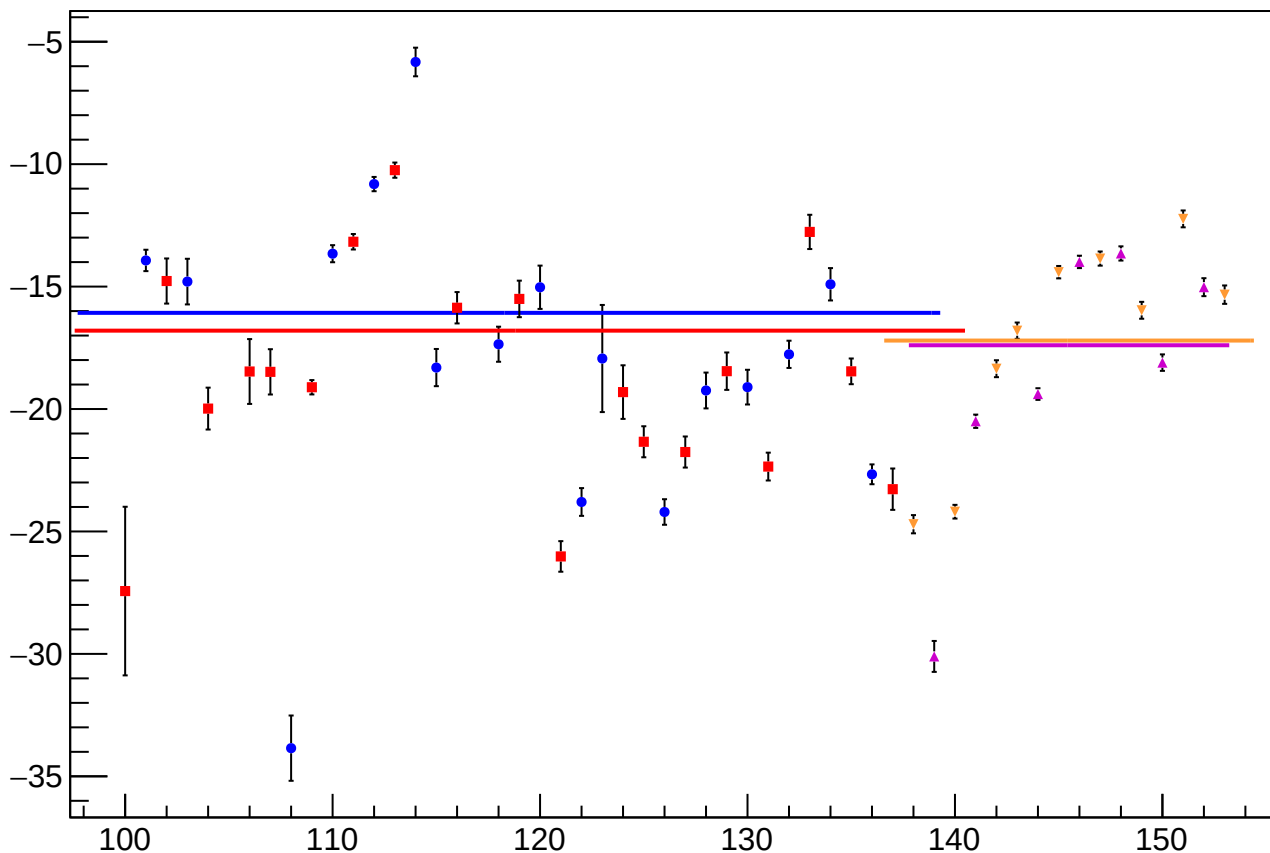
Right: -74.270 ± 0.133 $\chi^2/\text{NDF}: 9233.6/35$

In: -58.868 ± 0.111 $\chi^2/\text{NDF}: 13395.3/23$

Out: -59.958 ± 0.104 $\chi^2/\text{NDF}: 16239.4/27$

All: -59.449 ± 0.076 $\chi^2/\text{NDF}: 29685.8/51$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -17.204 ± 0.106 $\chi^2/\text{NDF}: 1543.4/8$

Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$

Left In: -17.396 ± 0.114 $\chi^2/\text{NDF}: 998.8/6$

Left: -17.293 ± 0.078 $\chi^2/\text{NDF}: 2543.7/15$

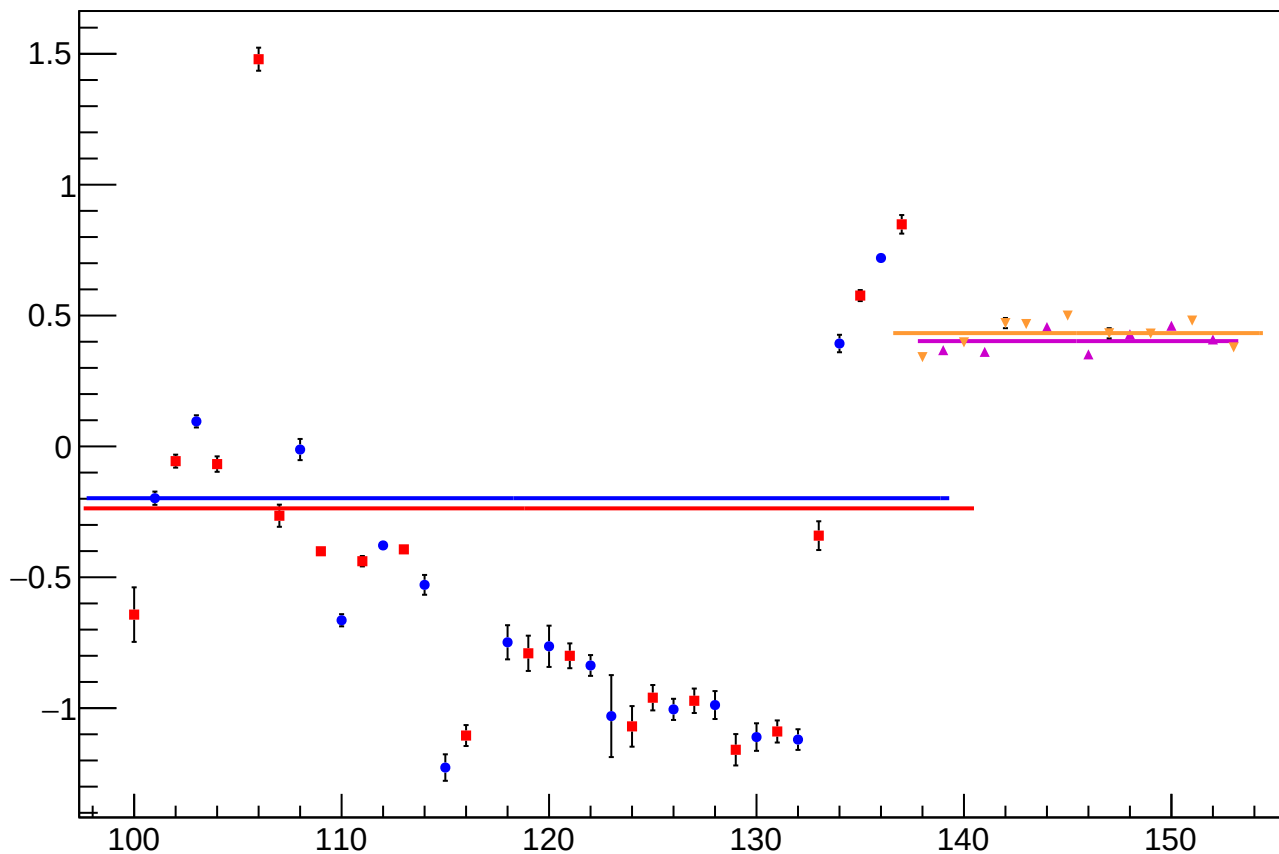
Right: -16.447 ± 0.092 $\chi^2/\text{NDF}: 2872.2/35$

In: -16.833 ± 0.086 $\chi^2/\text{NDF}: 2697.4/23$

Out: -17.039 ± 0.082 $\chi^2/\text{NDF}: 2765.1/27$

All: -16.942 ± 0.059 $\chi^2/\text{NDF}: 5465.5/51$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 107.7/8

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.402 ± 0.006 χ^2/NDF : 58.5/6

Left: 0.419 ± 0.004 χ^2/NDF : 182.0/15

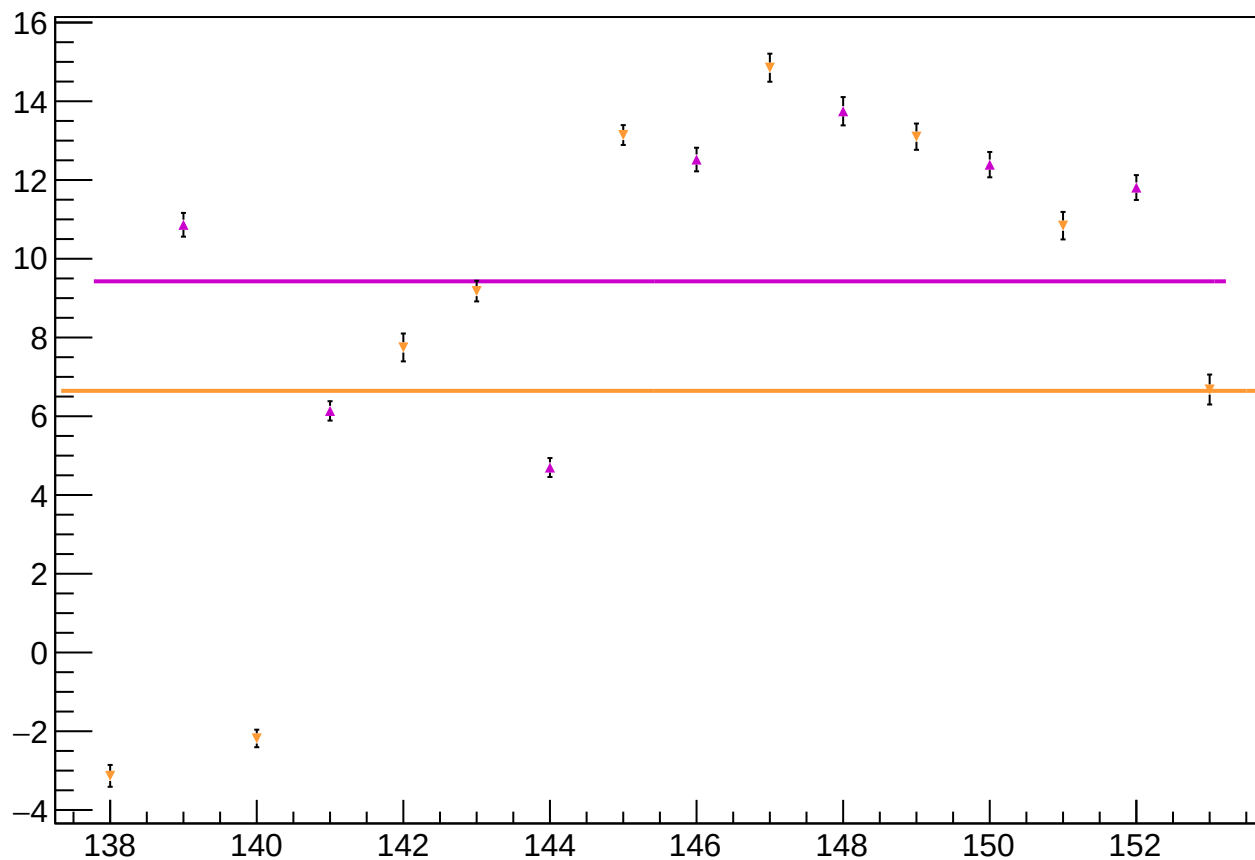
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.188 ± 0.005 χ^2/NDF : 10478.4/23

Out: 0.200 ± 0.004 χ^2/NDF : 12021.8/27

All: 0.195 ± 0.003 χ^2/NDF : 22504.0/51

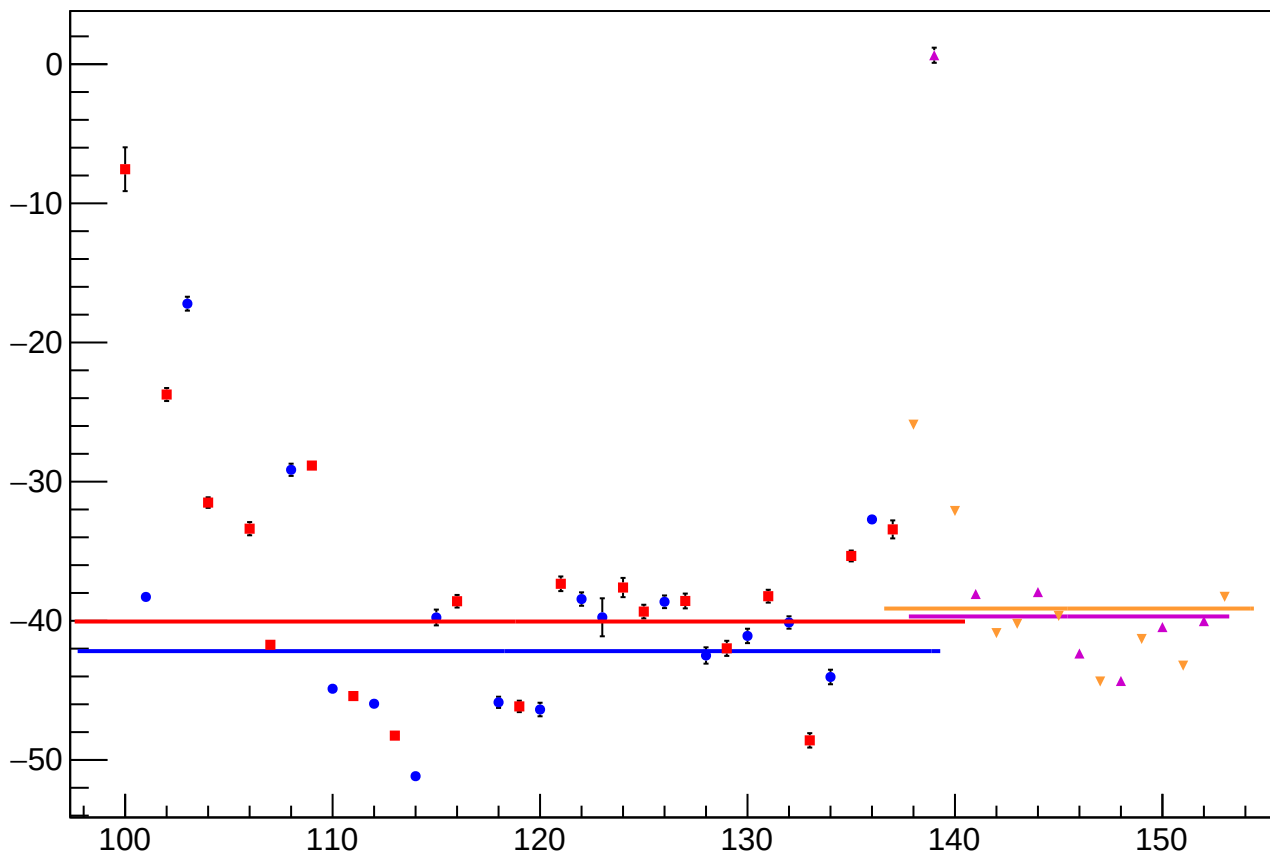
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.645+/-0.098 χ^2/NDF : 4627.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.427+/-0.110 χ^2/NDF : 981.0/6

Left: 7.887+/-0.073 χ^2/NDF : 5965.1/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.427+/-0.110 χ^2/NDF : 981.0/6
 Out: 6.645+/-0.098 χ^2/NDF : 4627.2/8
 All: 7.887+/-0.073 χ^2/NDF : 5965.1/15

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 $\pm$ 0.078 χ^2/NDF : 6573.8/16

Left Out: -39.119 $\pm$ 0.068 χ^2/NDF : 5481.5/8

Right Out: -40.052 $\pm$ 0.073 χ^2/NDF : 11313.5/18

Left In: -39.688 $\pm$ 0.077 χ^2/NDF : 6587.5/6

Left: -39.371 $\pm$ 0.051 χ^2/NDF : 12099.6/15

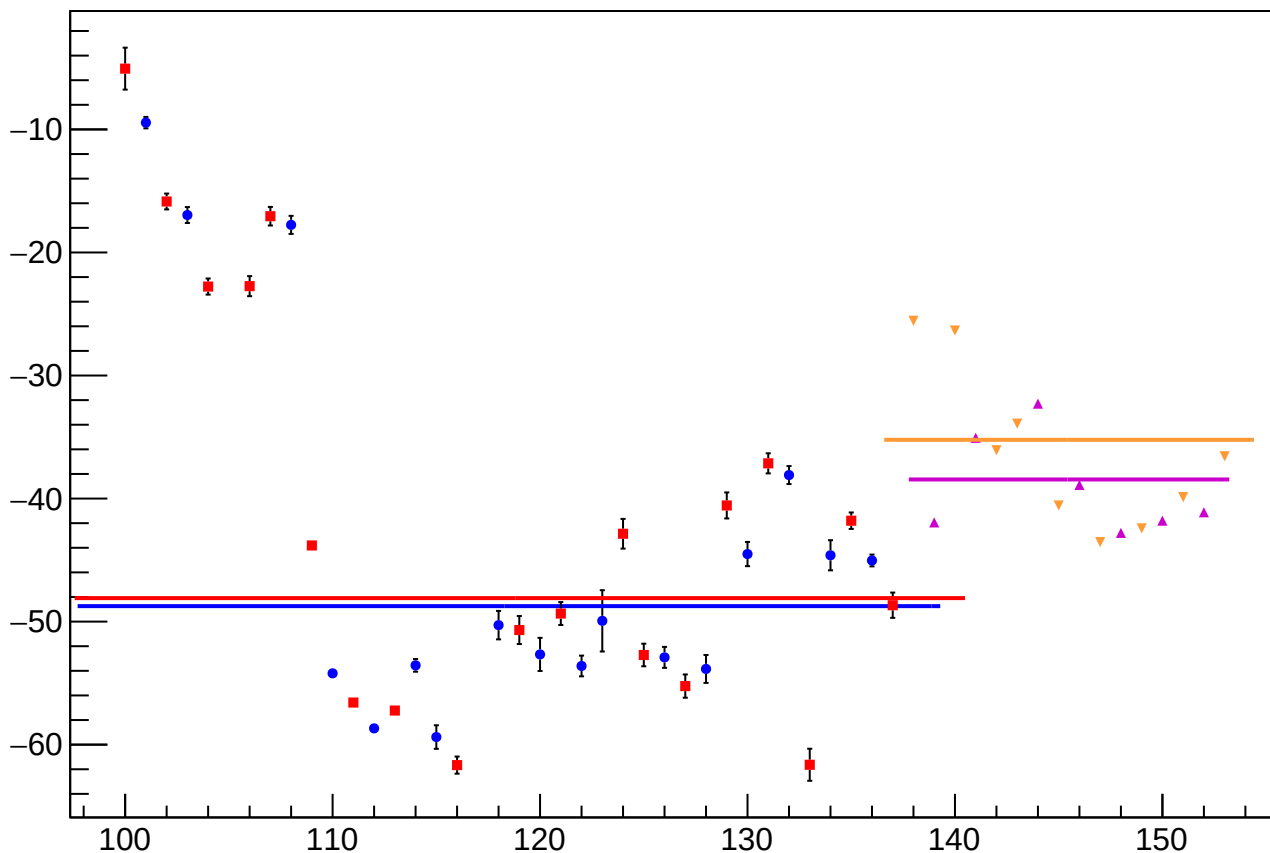
Right: -41.045 $\pm$ 0.053 χ^2/NDF : 18285.9/35

In: -40.915 $\pm$ 0.055 χ^2/NDF : 13682.0/23

Out: -39.557 $\pm$ 0.050 χ^2/NDF : 16882.3/27

All: -40.174 $\pm$ 0.037 χ^2/NDF : 30901.9/51

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -35.224 ± 0.101 $\chi^2/\text{NDF}: 4223.6/8$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.448 ± 0.110 $\chi^2/\text{NDF}: 1225.2/6$

Left: -36.686 ± 0.074 $\chi^2/\text{NDF}: 5914.5/15$

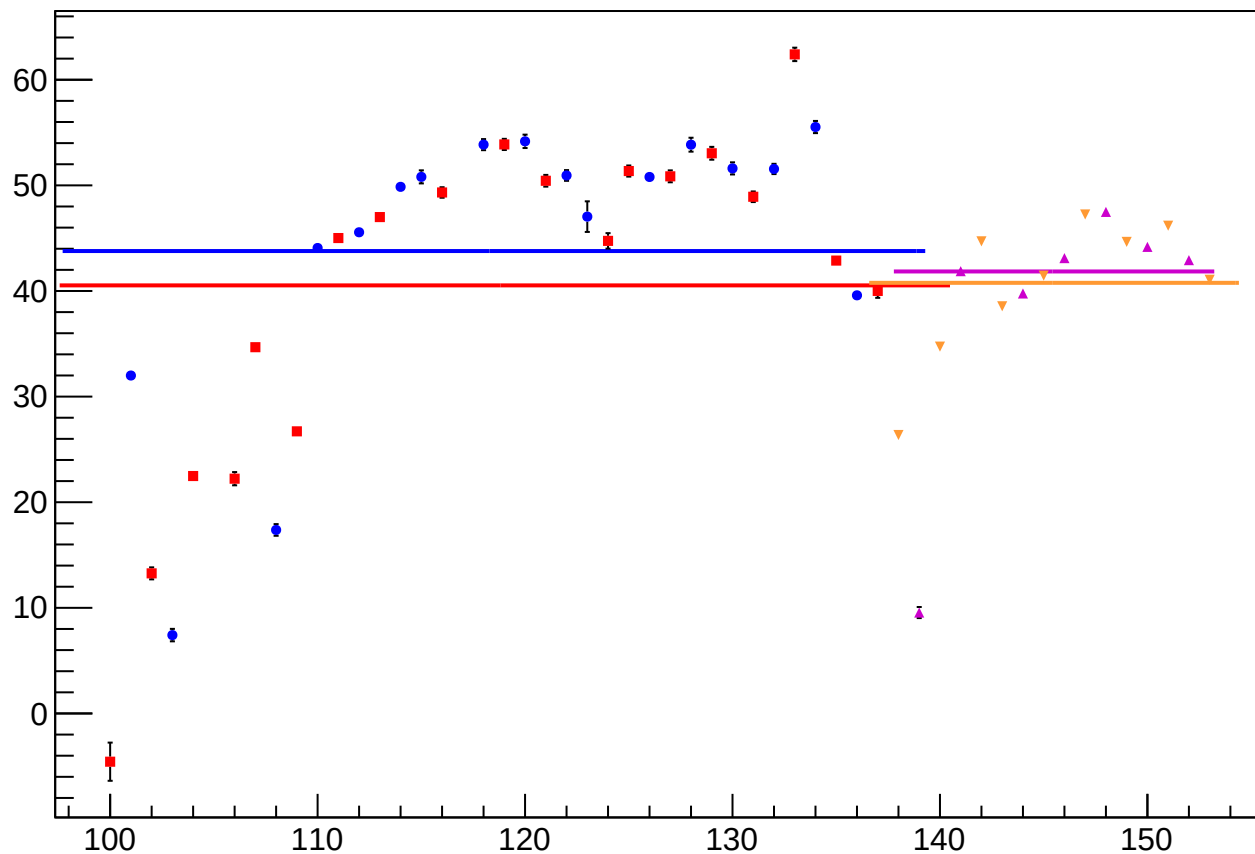
Right: -48.369 ± 0.081 $\chi^2/\text{NDF}: 26405.8/35$

In: -42.985 ± 0.083 $\chi^2/\text{NDF}: 19712.2/23$

Out: -41.250 ± 0.073 $\chi^2/\text{NDF}: 23612.0/27$

All: -42.015 ± 0.055 $\chi^2/\text{NDF}: 43570.9/51$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.772 $\pm$ 0.084 χ^2 /NDF: 4646.5/8

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

Left In: 41.849 $\pm$ 0.094 χ^2 /NDF: 4558.9/6

Left: 41.249 $\pm$ 0.062 χ^2 /NDF: 9278.9/15

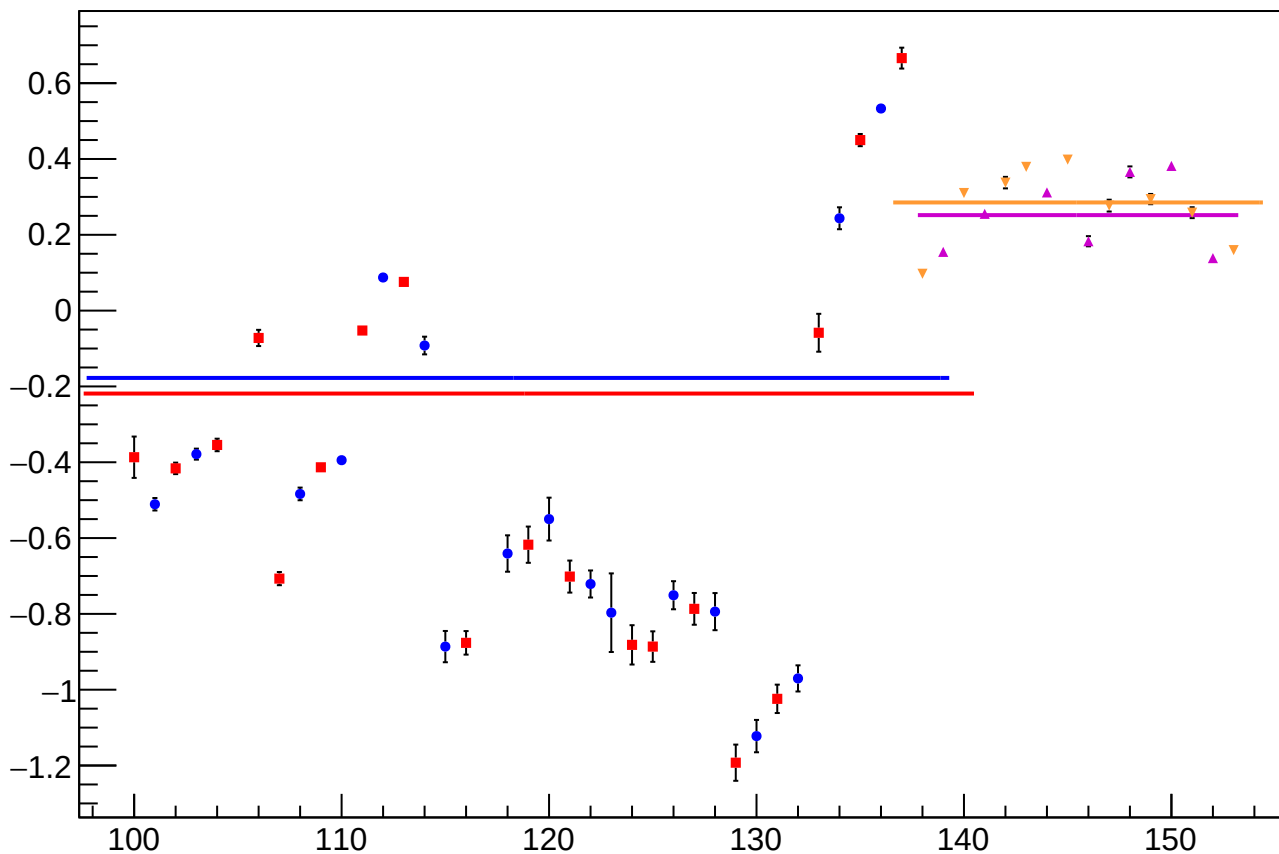
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.891 $\pm$ 0.064 χ^2 /NDF: 15427.2/23

Out: 40.646 $\pm$ 0.058 χ^2 /NDF: 22231.5/27

All: 41.663 $\pm$ 0.043 χ^2 /NDF: 38340.2/51

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.285 ± 0.004 χ^2/NDF : 554.6/8

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

Left In: 0.252 ± 0.005 χ^2/NDF : 379.3/6

Left: 0.270 ± 0.003 χ^2/NDF : 963.3/15

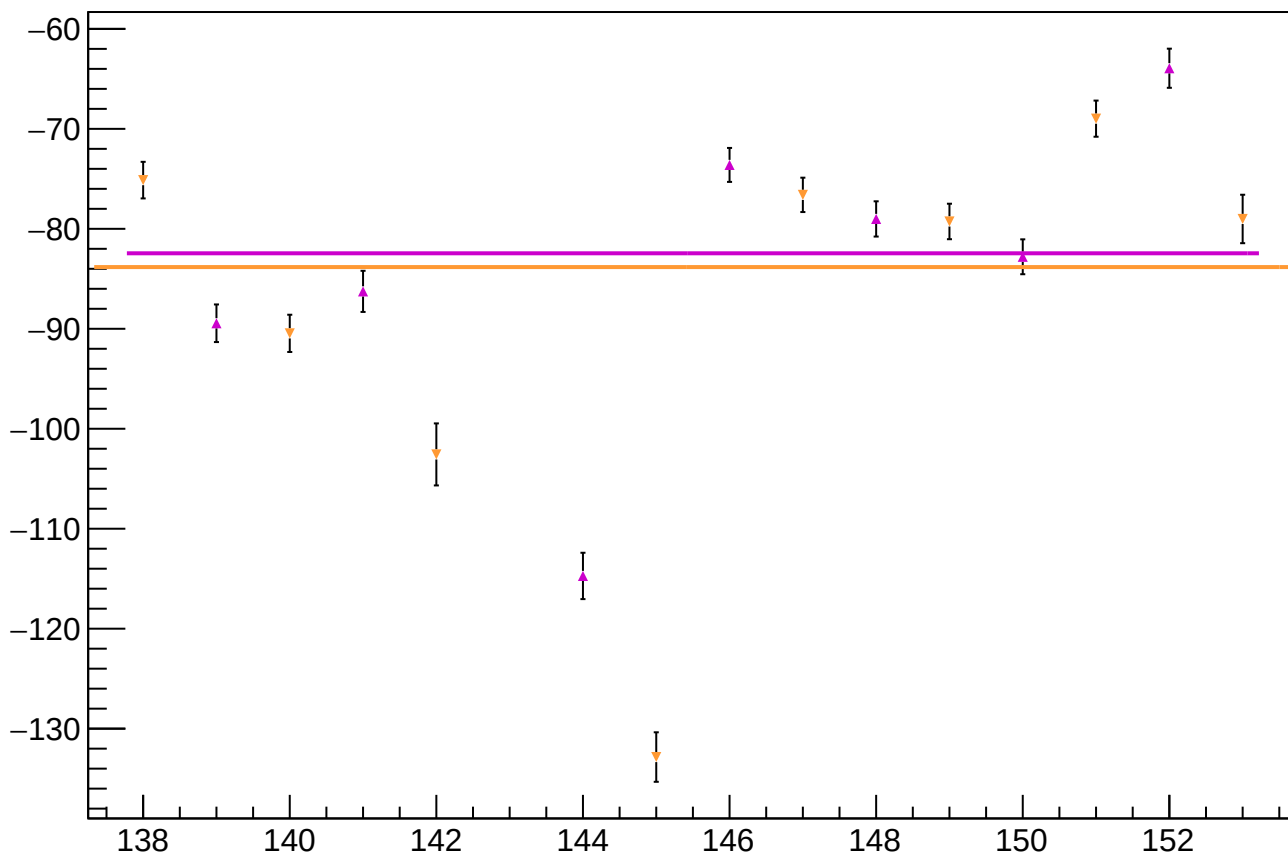
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: 0.049 ± 0.003 χ^2/NDF : 11913.6/23

Out: 0.043 ± 0.003 χ^2/NDF : 15157.8/27

All: 0.046 ± 0.002 χ^2/NDF : 27073.1/51

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.827+/-0.710 χ^2/NDF :559.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.448+/-0.714 χ^2/NDF :331.5/6

Left: -83.142+/-0.503 χ^2/NDF : 892.7/14

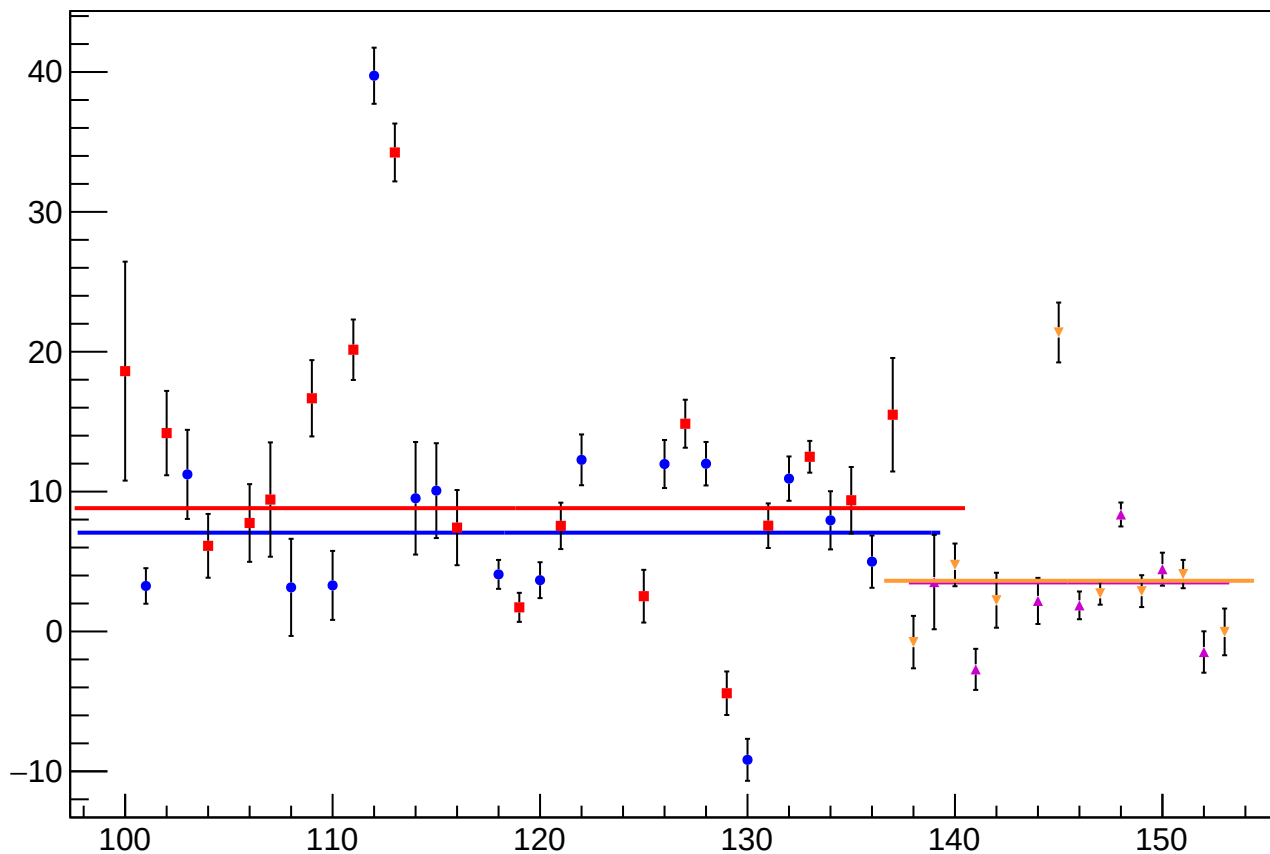
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.448+/-0.714 χ^2/NDF :331.5/6

Out: -83.827+/-0.710 χ^2/NDF :559.3/7

All: -83.142+/-0.503 χ^2/NDF : 892.7/14

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 3.624 ± 0.456 $\chi^2/\text{NDF}: 82.0/7$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.506 ± 0.473 $\chi^2/\text{NDF}: 65.4/6$

Left: 3.567 ± 0.328 $\chi^2/\text{NDF}: 147.5/14$

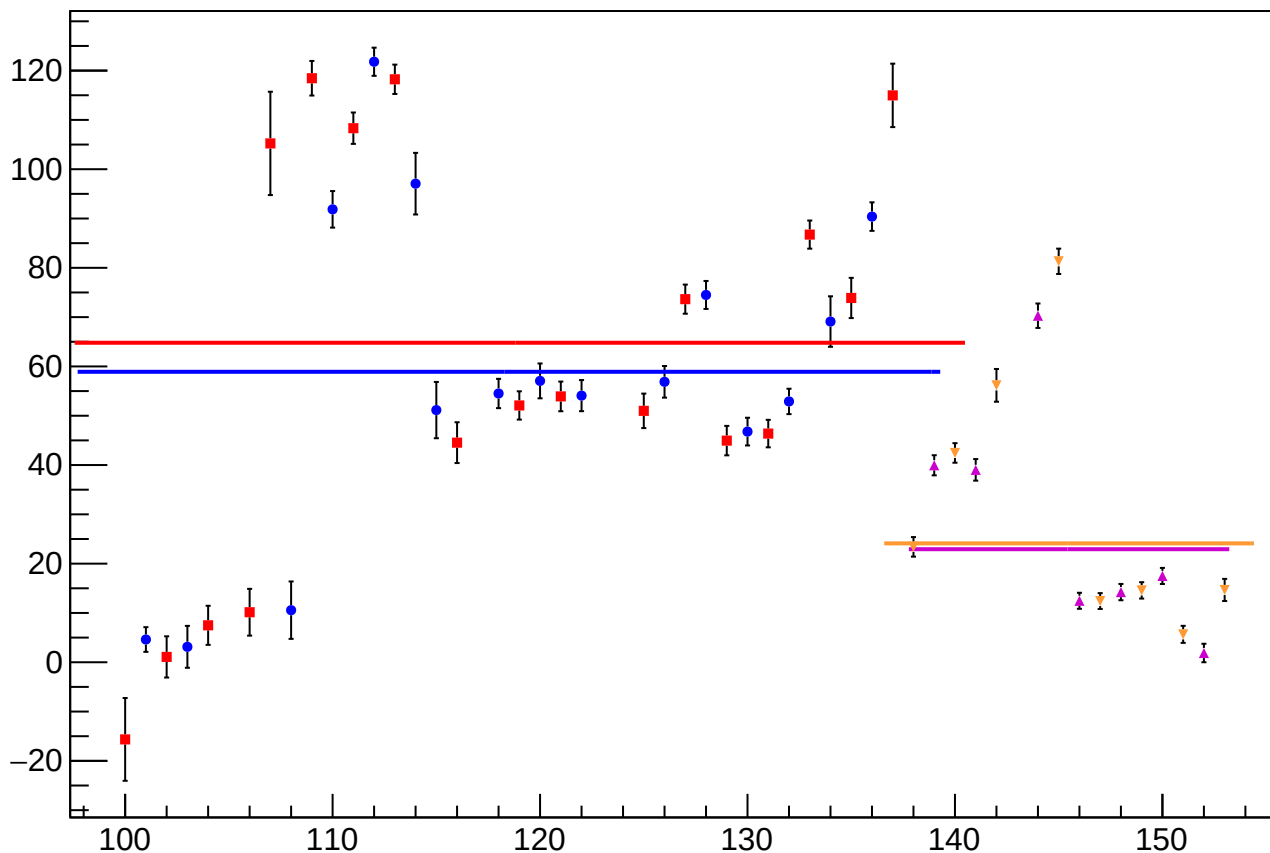
Right: 7.909 ± 0.312 $\chi^2/\text{NDF}: 805.1/33$

In: 5.438 ± 0.319 $\chi^2/\text{NDF}: 543.1/22$

Out: 6.263 ± 0.320 $\chi^2/\text{NDF}: 498.1/25$

All: 5.849 ± 0.226 $\chi^2/\text{NDF}: 1044.5/48$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 24.112 $\pm$ 0.701 χ^2 /NDF:892.5/7

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

Left In: 22.928 $\pm$ 0.704 χ^2 /NDF:695.2/6

Left: 23.523 $\pm$ 0.497 χ^2 /NDF: 1589.1/14

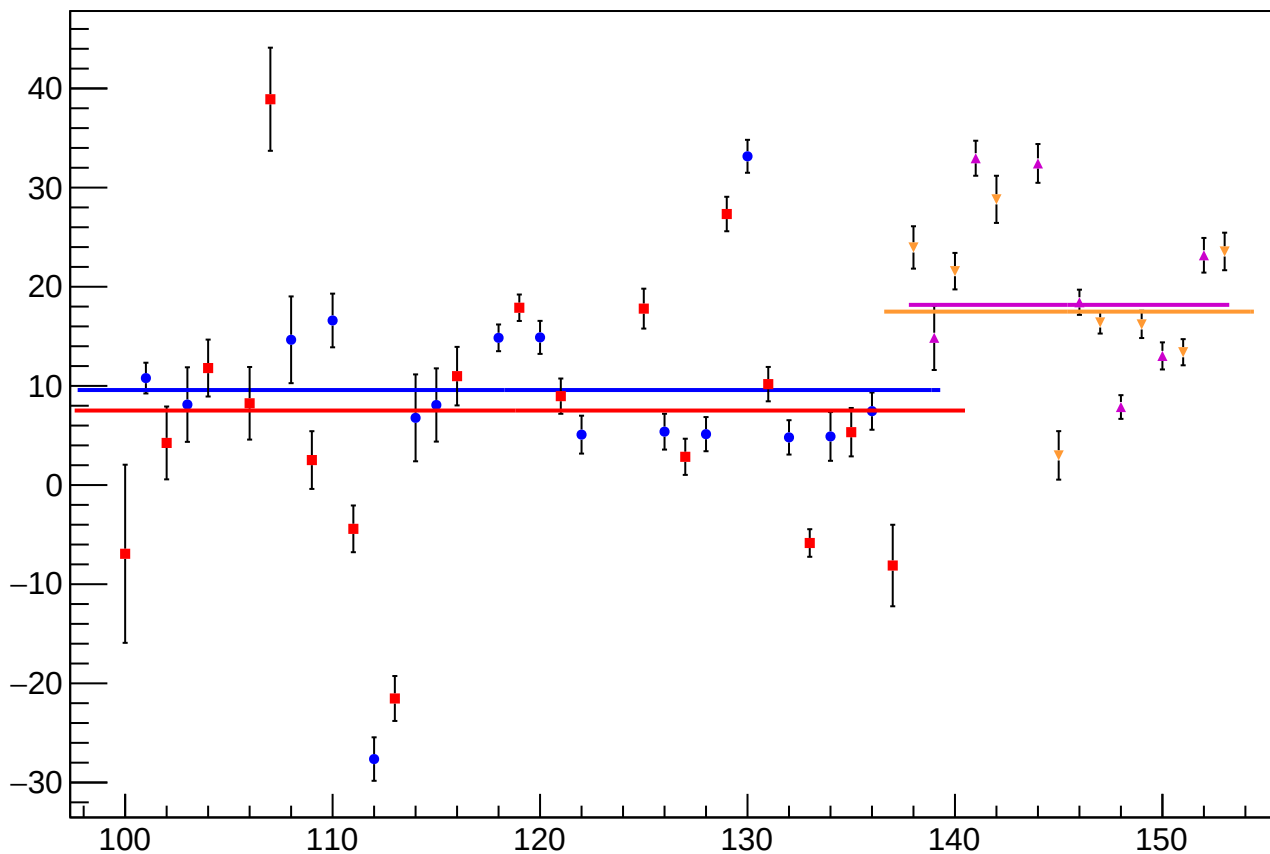
Right: 61.827 $\pm$ 0.591 χ^2 /NDF: 3239.7/33

In: 37.958 $\pm$ 0.537 χ^2 /NDF:3282.7/22

Out: 40.814 $\pm$ 0.538 χ^2 /NDF:3993.3/25

All: 39.383 $\pm$ 0.380 χ^2 /NDF: 7290.1/48

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 17.492 ± 0.574 $\chi^2/\text{NDF}: 93.6/7$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

Left In: 18.174 ± 0.591 $\chi^2/\text{NDF}: 220.9/6$

Left: 17.823 ± 0.412 $\chi^2/\text{NDF}: 315.2/14$

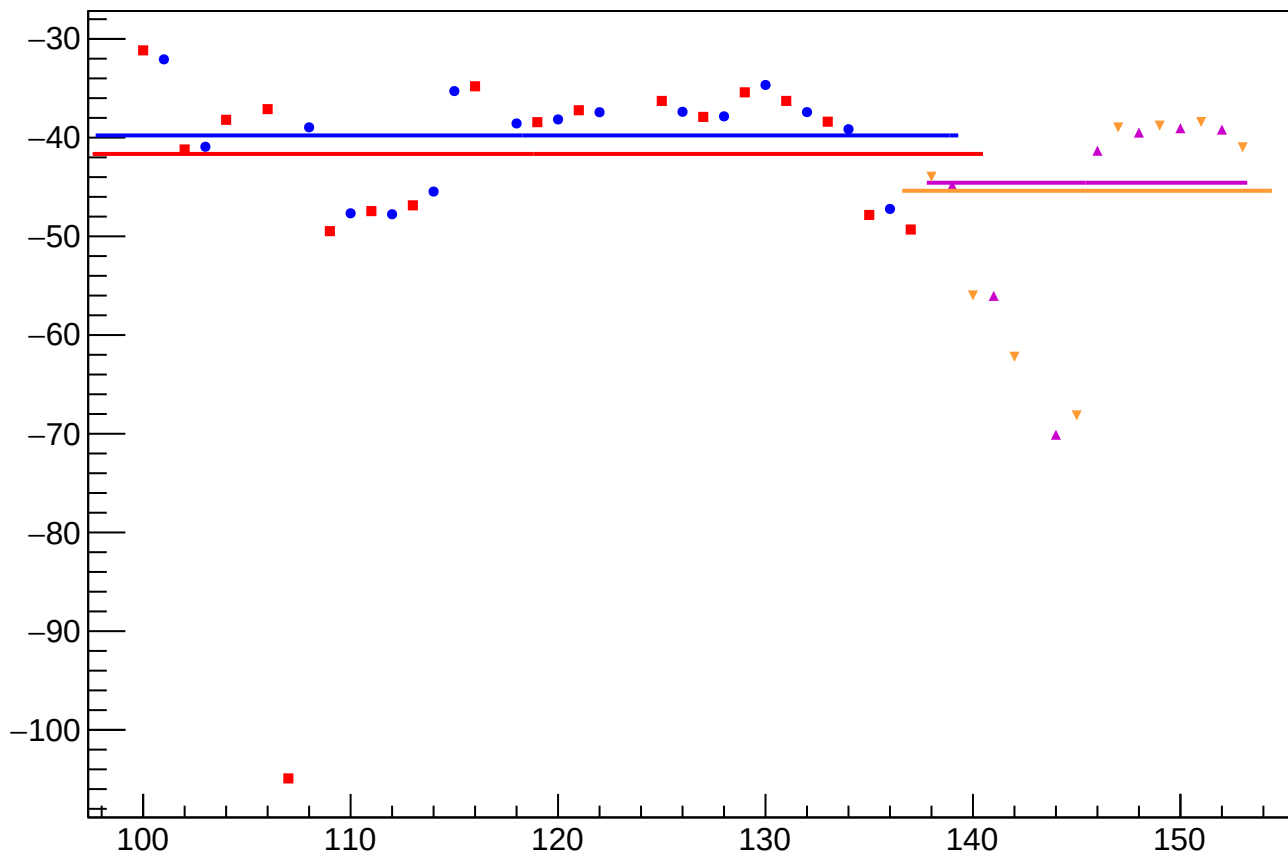
Right: 8.579 ± 0.359 $\chi^2/\text{NDF}: 1132.5/33$

In: 13.172 ± 0.382 $\chi^2/\text{NDF}: 898.1/22$

Out: 11.969 ± 0.384 $\chi^2/\text{NDF}: 830.5/25$

All: 12.573 ± 0.271 $\chi^2/\text{NDF}: 1733.6/48$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 $\pm$ 0.031 χ^2 /NDF: 26158.0/15

Left Out: -45.384 $\pm$ 0.029 χ^2 /NDF:108525.5/7

Right Out: -41.651 $\pm$ 0.031 χ^2 /NDF: 94457.5/17

Left In: -44.568 $\pm$ 0.029 χ^2 /NDF:90351.4/6

Left: -44.973 $\pm$ 0.021 χ^2 /NDF: 199263.0/14

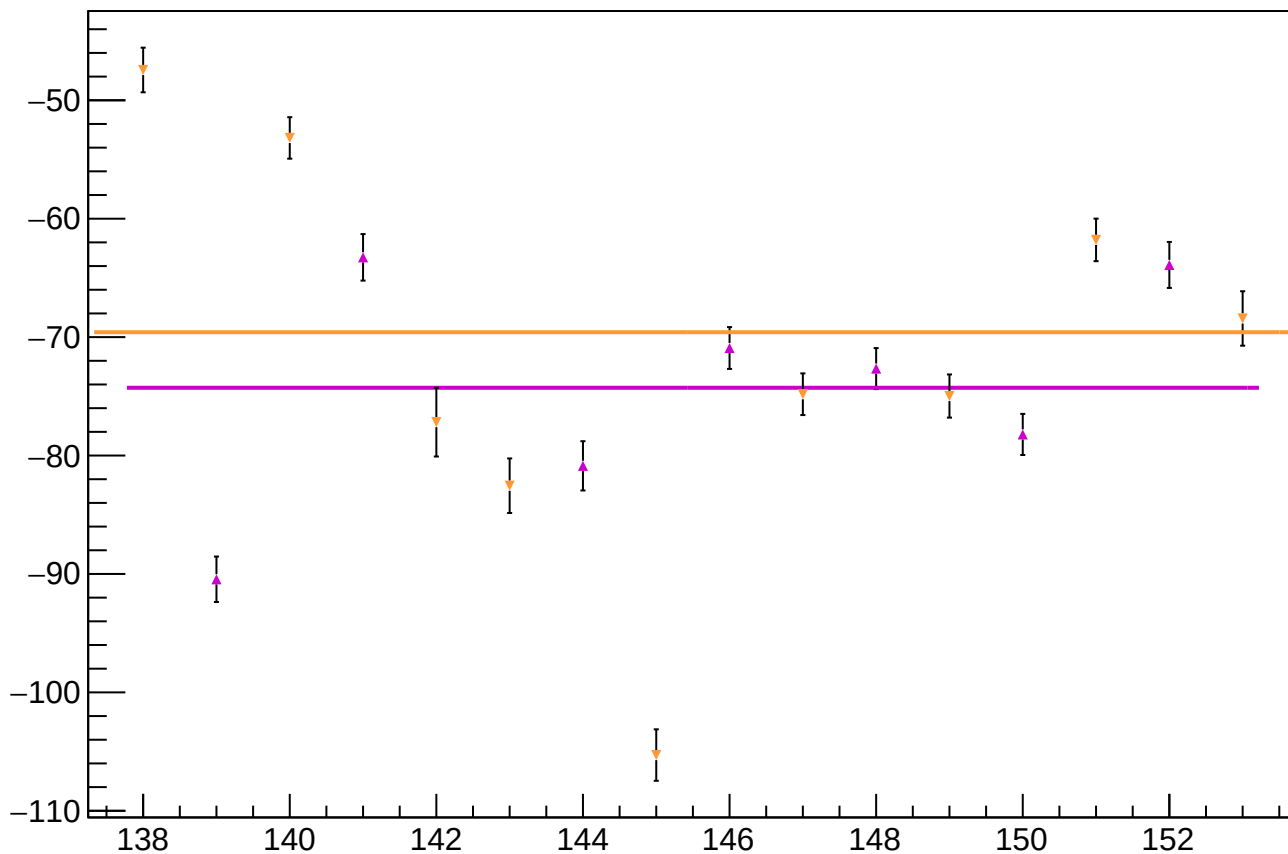
Right: -40.710 $\pm$ 0.022 χ^2 /NDF: 122427.7/33

In: -42.316 $\pm$ 0.021 χ^2 /NDF:129114.0/22

Out: -43.624 $\pm$ 0.021 χ^2 /NDF:210553.9/25

All: -42.966 $\pm$ 0.015 χ^2 /NDF: 341542.5/48

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.585+/-0.667 χ^2/NDF :570.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.277+/-0.705 χ^2/NDF :150.6/6

Left: -71.801+/-0.484 χ^2/NDF : 744.7/15

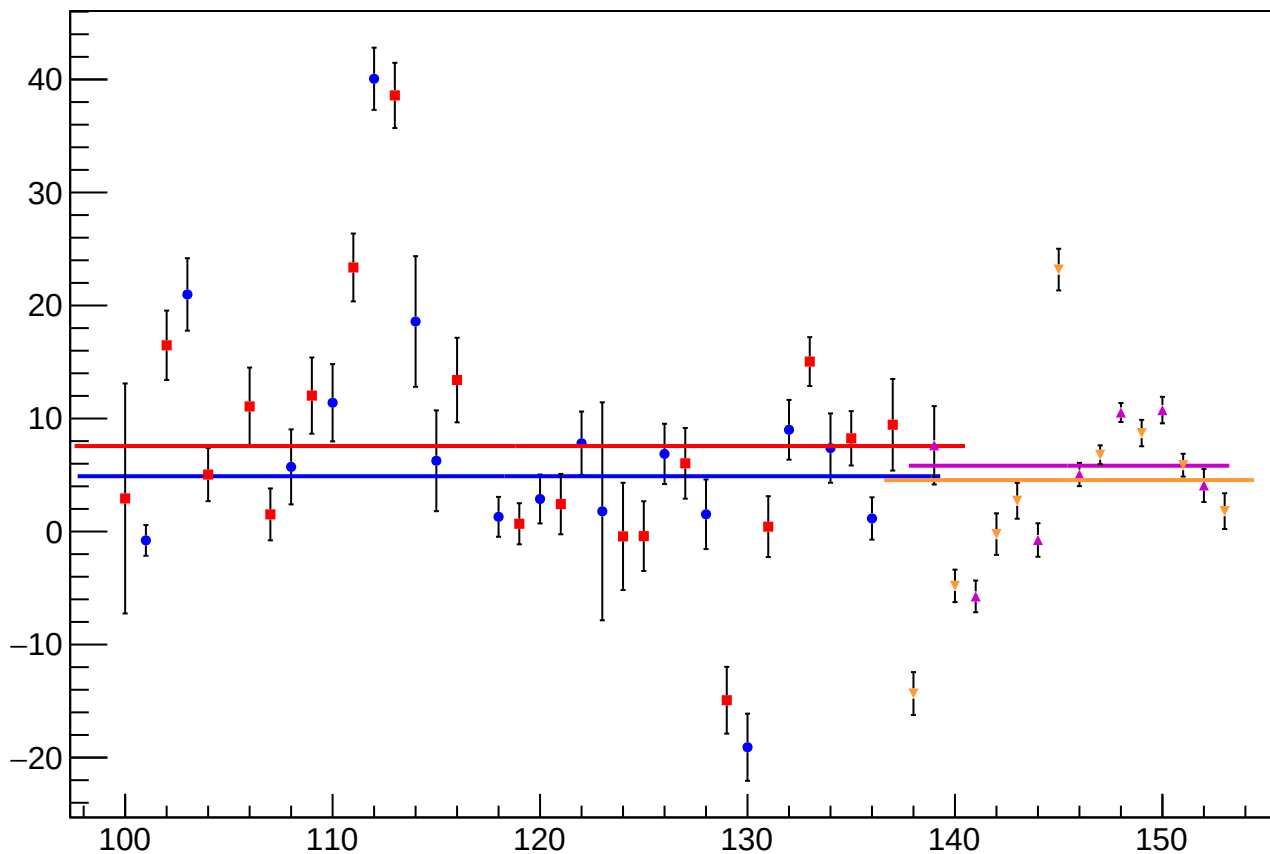
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.277+/-0.705 χ^2/NDF :150.6/6

Out: -69.585+/-0.667 χ^2/NDF :570.7/8

All: -71.801+/-0.484 χ^2/NDF : 744.7/15

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 4.554 ± 0.434 χ^2/NDF : 276.2/8

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

Left In: 5.823 ± 0.466 χ^2/NDF : 139.0/6

Left: 5.144 ± 0.318 χ^2/NDF : 419.2/15

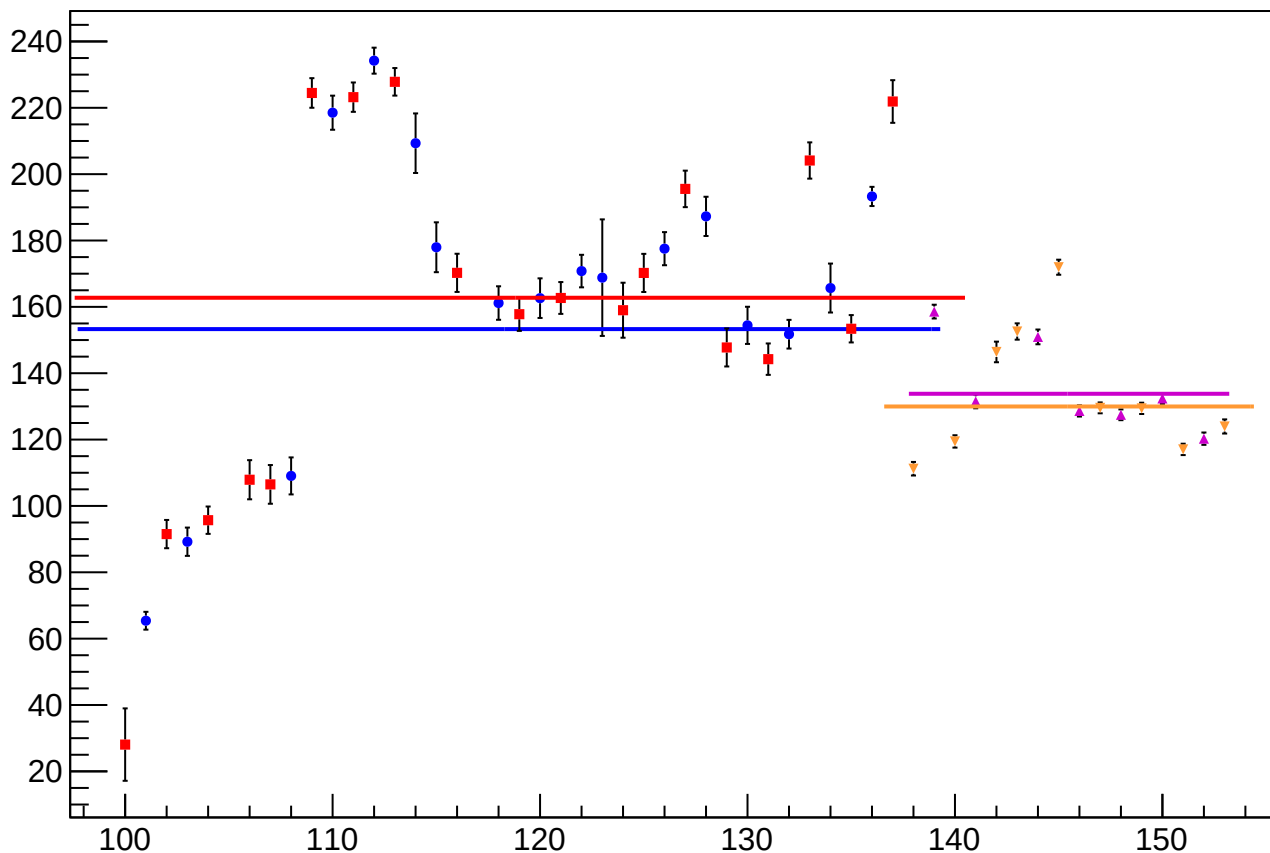
Right: 6.165 ± 0.450 χ^2/NDF : 574.4/35

In: 5.488 ± 0.373 χ^2/NDF : 435.8/23

Out: 5.480 ± 0.361 χ^2/NDF : 561.2/27

All: 5.484 ± 0.259 χ^2/NDF : 997.0/51

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 129.974 $\pm$ 0.664 χ^2 /NDF:635.7/8

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

Left In: 133.804 $\pm$ 0.696 χ^2 /NDF:280.9/6

Left: 131.799 $\pm$ 0.481 χ^2 /NDF: 932.4/15

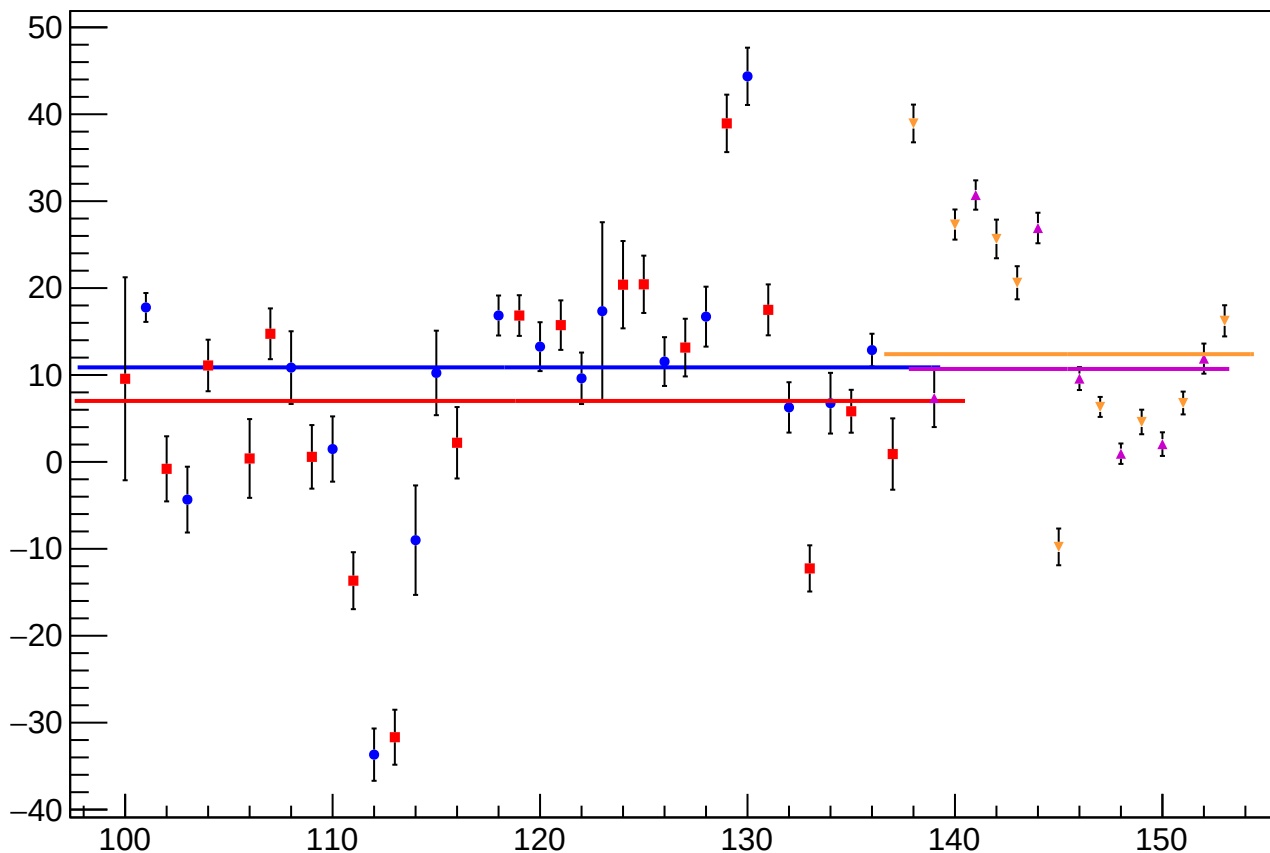
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 139.070 $\pm$ 0.595 χ^2 /NDF:2759.3/23

Out: 137.899 $\pm$ 0.579 χ^2 /NDF:2932.6/27

All: 138.468 $\pm$ 0.415 χ^2 /NDF: 5693.9/51

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 12.396+/-0.543 χ^2/NDF : 469.1/8

Right Out: 7.014+/-0.748 χ^2/NDF : 424.5/18

Left In: 10.693+/-0.583 χ^2/NDF : 337.4/6

Left: 11.605+/-0.397 χ^2/NDF : 811.1/15

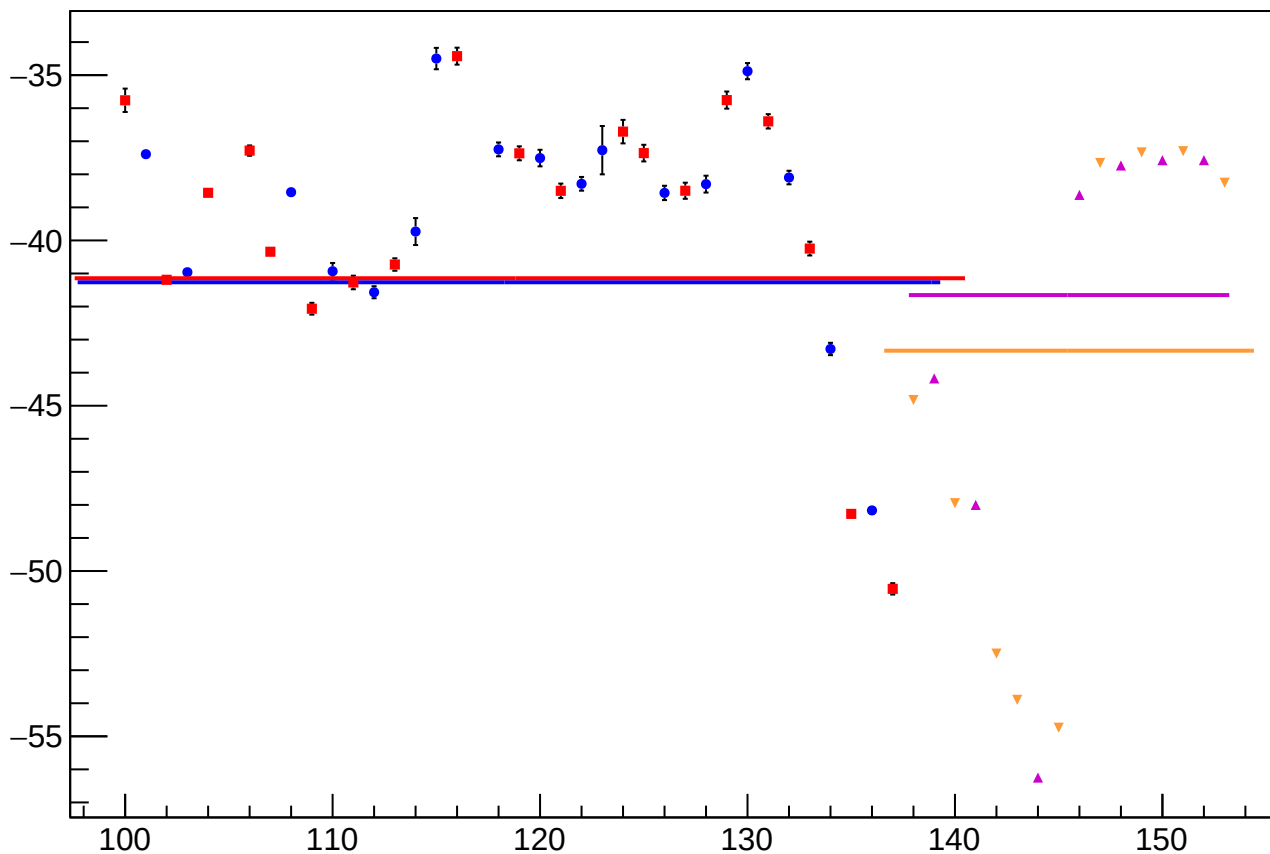
Right: 9.038+/-0.516 χ^2/NDF : 826.6/35

In: 10.767+/-0.451 χ^2/NDF : 725.6/23

Out: 10.541+/-0.439 χ^2/NDF : 927.5/27

All: 10.651+/-0.315 χ^2/NDF : 1653.2/51

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Left Out: -43.335+/-0.028 χ^2/NDF : 59572.0/8

Right Out: -41.144+/-0.039 χ^2/NDF : 12218.7/18

Left In: -41.653+/-0.029 χ^2/NDF : 40472.2/6

Left: -42.530+/-0.020 χ^2/NDF : 101803.1/15

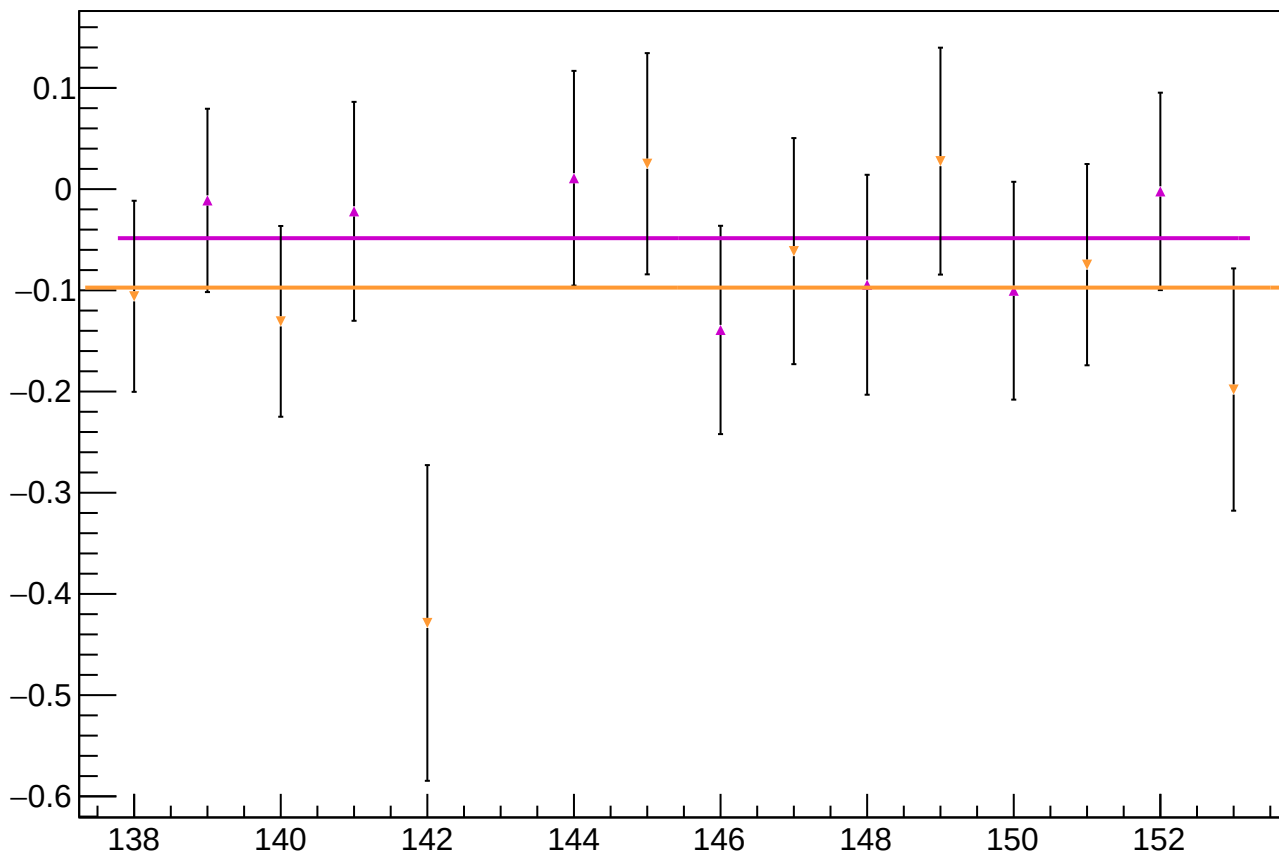
Right: -41.205+/-0.027 χ^2/NDF : 24793.7/35

In: -41.513+/-0.023 χ^2/NDF : 53107.0/23

Out: -42.589+/-0.023 χ^2/NDF : 73913.8/27

All: -42.065+/-0.016 χ^2/NDF : 128130.3/51

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.097 $\pm$ 0.038 χ^2 /NDF: 8.0/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.048 $\pm$ 0.039 χ^2 /NDF: 2.0/6

Left: -0.073 $\pm$ 0.027 χ^2 /NDF: 10.8/14

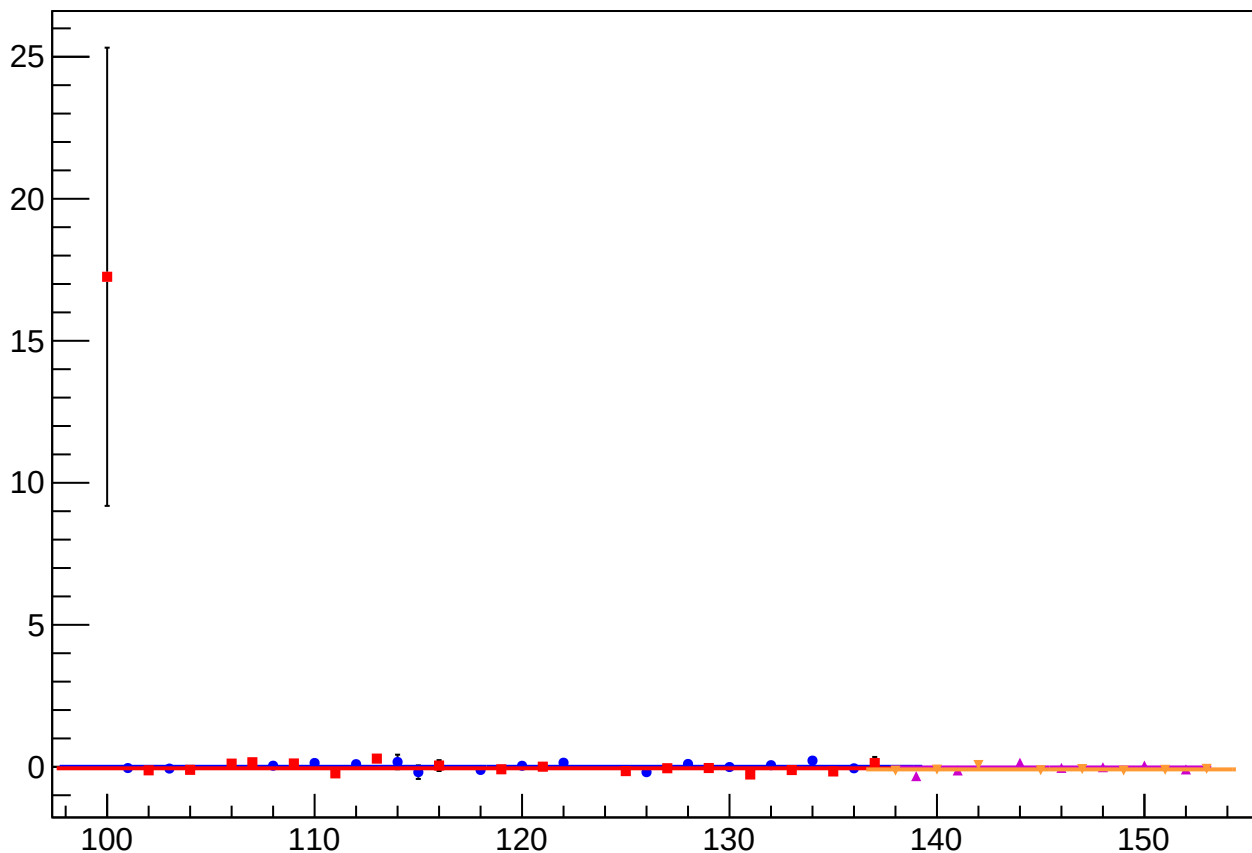
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.048 $\pm$ 0.039 χ^2 /NDF: 2.0/6

Out: -0.097 $\pm$ 0.038 χ^2 /NDF: 8.0/7

All: -0.073 $\pm$ 0.027 χ^2 /NDF: 10.8/14

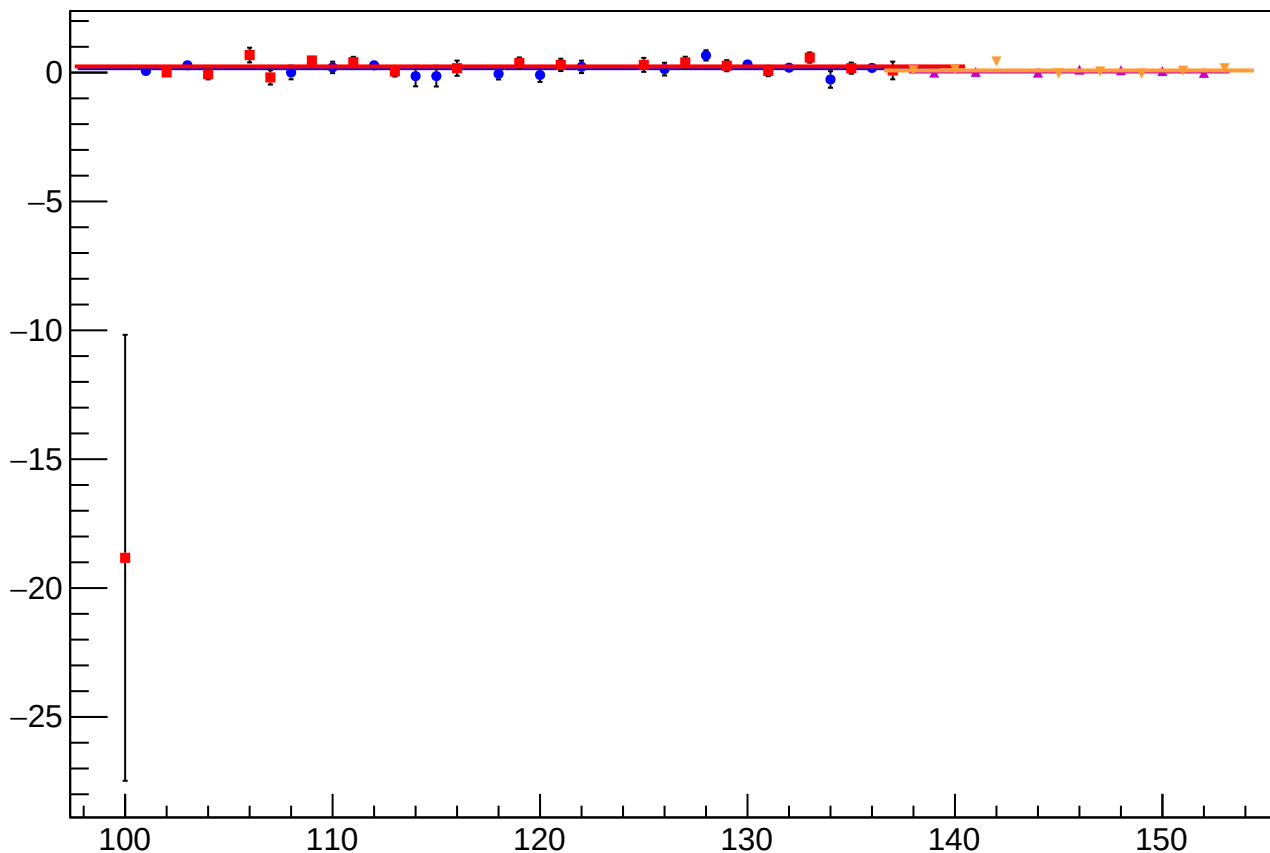
reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 ± 0.028 $\chi^2/\text{NDF}: 12.5/15$
 Left Out: -0.090 ± 0.026 $\chi^2/\text{NDF}: 3.2/7$
 Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$
 Left In: -0.022 ± 0.027 $\chi^2/\text{NDF}: 11.9/6$

Left: -0.057 ± 0.019 $\chi^2/\text{NDF}: 18.4/14$
 Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$
 In: -0.011 ± 0.020 $\chi^2/\text{NDF}: 24.8/22$
 Out: -0.073 ± 0.019 $\chi^2/\text{NDF}: 30.0/25$
 All: -0.042 ± 0.014 $\chi^2/\text{NDF}: 59.9/48$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF : 13.7/15

Left Out: 0.083+/-0.038 χ^2/NDF : 7.7/7

Right Out: 0.239+/-0.054 χ^2/NDF : 21.8/17

Left In: 0.041+/-0.039 χ^2/NDF : 1.6/6

Left: 0.062+/-0.027 χ^2/NDF : 9.8/14

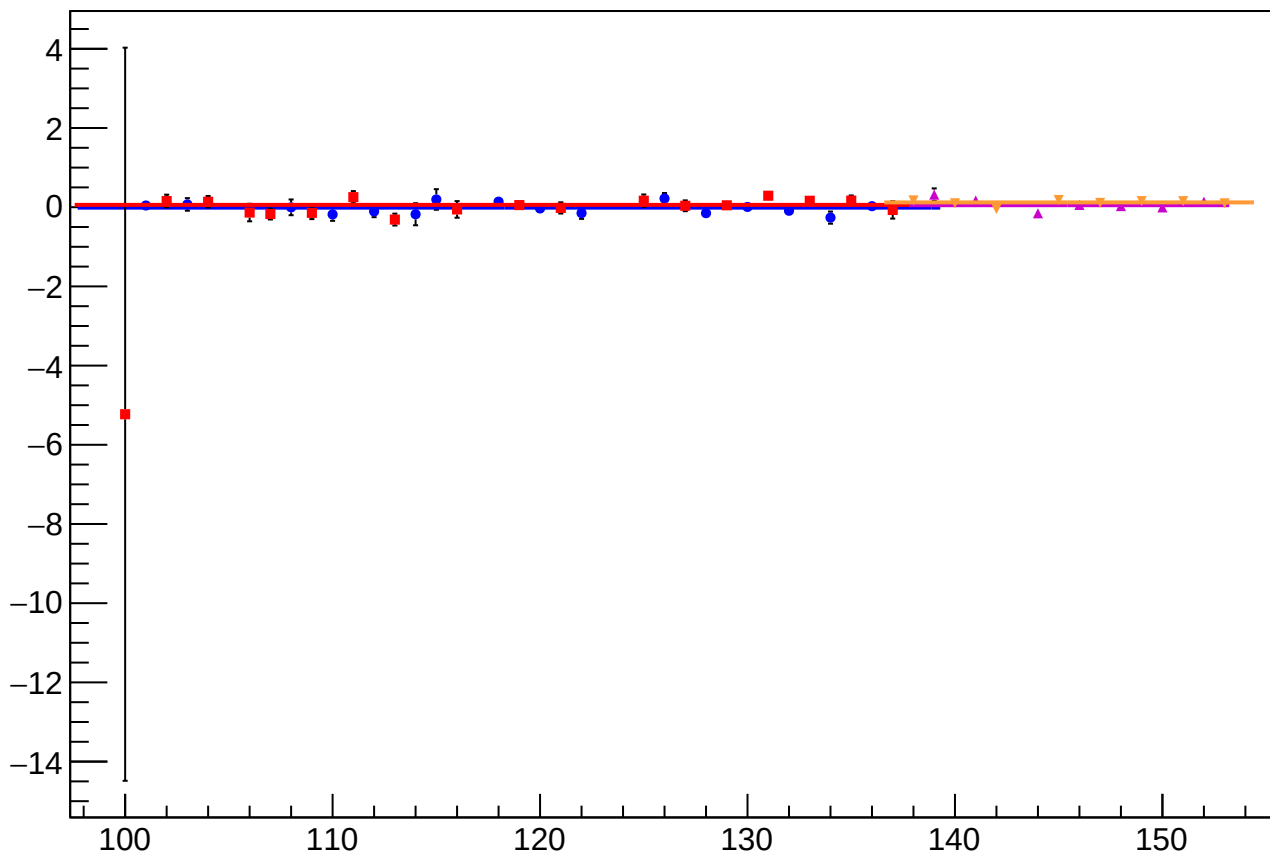
Right: 0.204+/-0.038 χ^2/NDF : 36.3/33

In: 0.087+/-0.031 χ^2/NDF : 19.2/22

Out: 0.135+/-0.031 χ^2/NDF : 35.1/25

All: 0.111+/-0.022 χ^2/NDF : 55.5/48

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.121 ± 0.032 χ^2/NDF : 3.0/7

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

Left In: 0.050 ± 0.033 χ^2/NDF : 11.2/6

Left: 0.087 ± 0.023 χ^2/NDF : 16.5/14

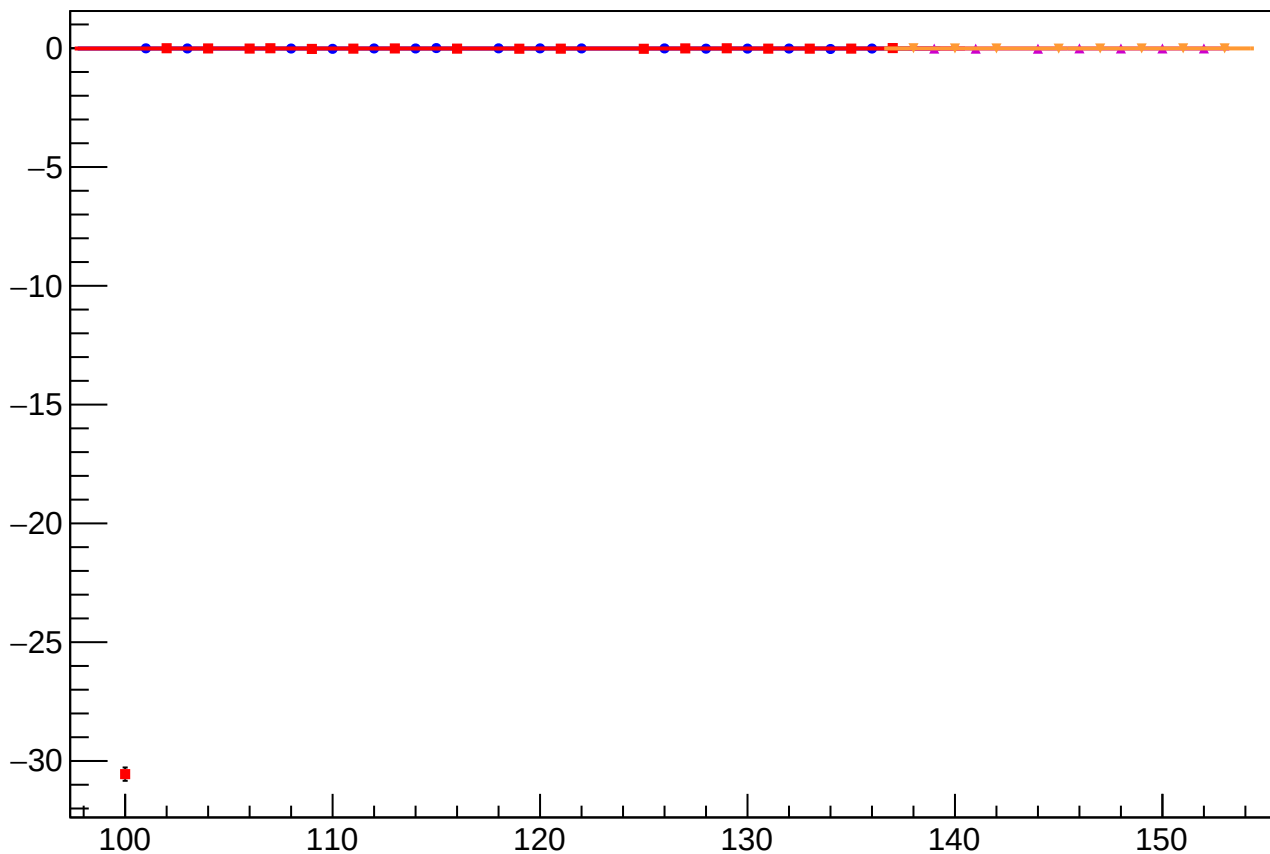
Right: 0.022 ± 0.023 χ^2/NDF : 36.5/33

In: 0.019 ± 0.023 χ^2/NDF : 26.7/22

Out: 0.091 ± 0.023 χ^2/NDF : 25.3/25

All: 0.055 ± 0.016 χ^2/NDF : 56.9/48

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 8.1/7

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

Left In: -0.012 ± 0.002 χ^2/NDF : 7.9/6

Left: -0.010 ± 0.001 χ^2/NDF : 19.0/14

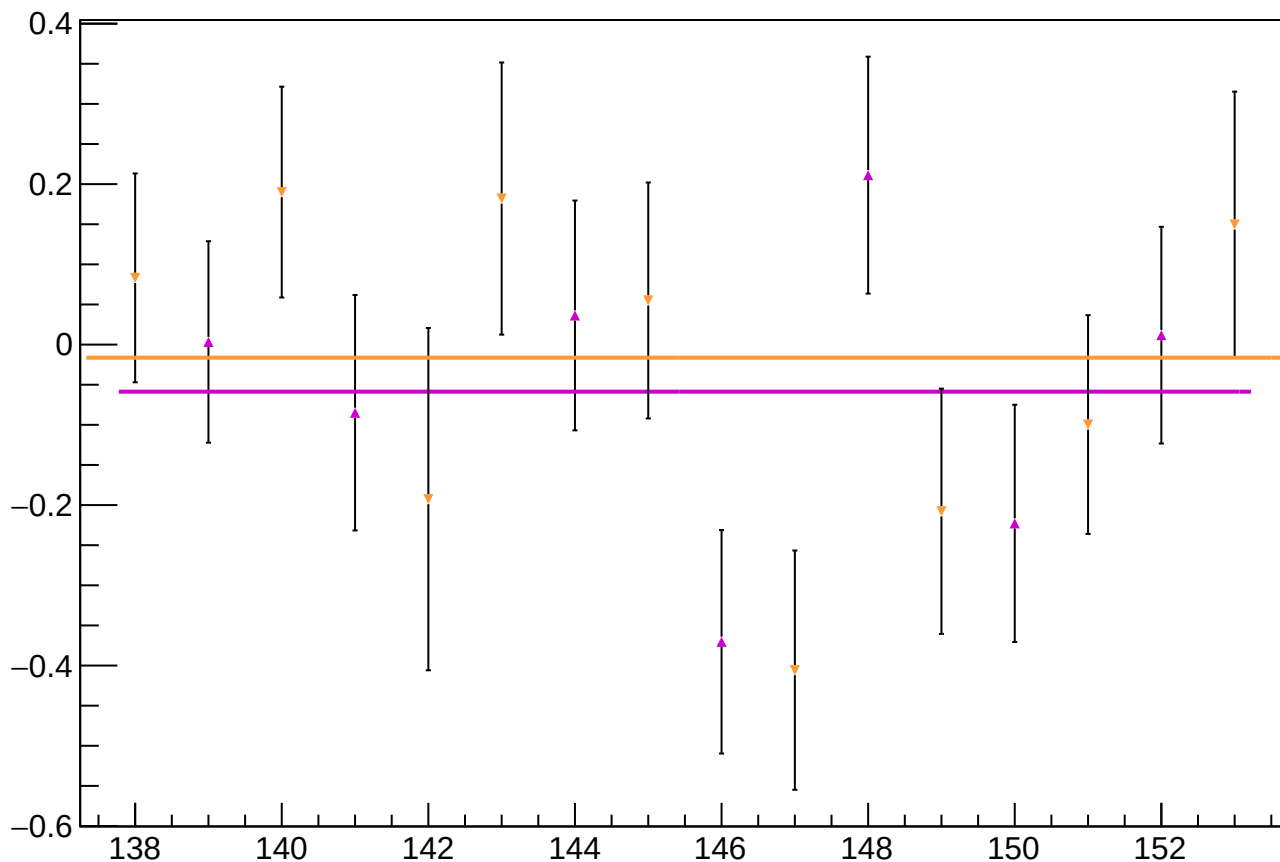
Right: -0.012 ± 0.001 χ^2/NDF : 11904.4/33

In: -0.012 ± 0.001 χ^2/NDF : 20.9/22

Out: -0.010 ± 0.001 χ^2/NDF : 11901.9/25

All: -0.011 ± 0.001 χ^2/NDF : 11924.3/48

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.016+/-0.050 χ^2/NDF :15.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.059+/-0.053 χ^2/NDF :10.6/6

Left: -0.036+/-0.036 χ^2/NDF : 26.0/15

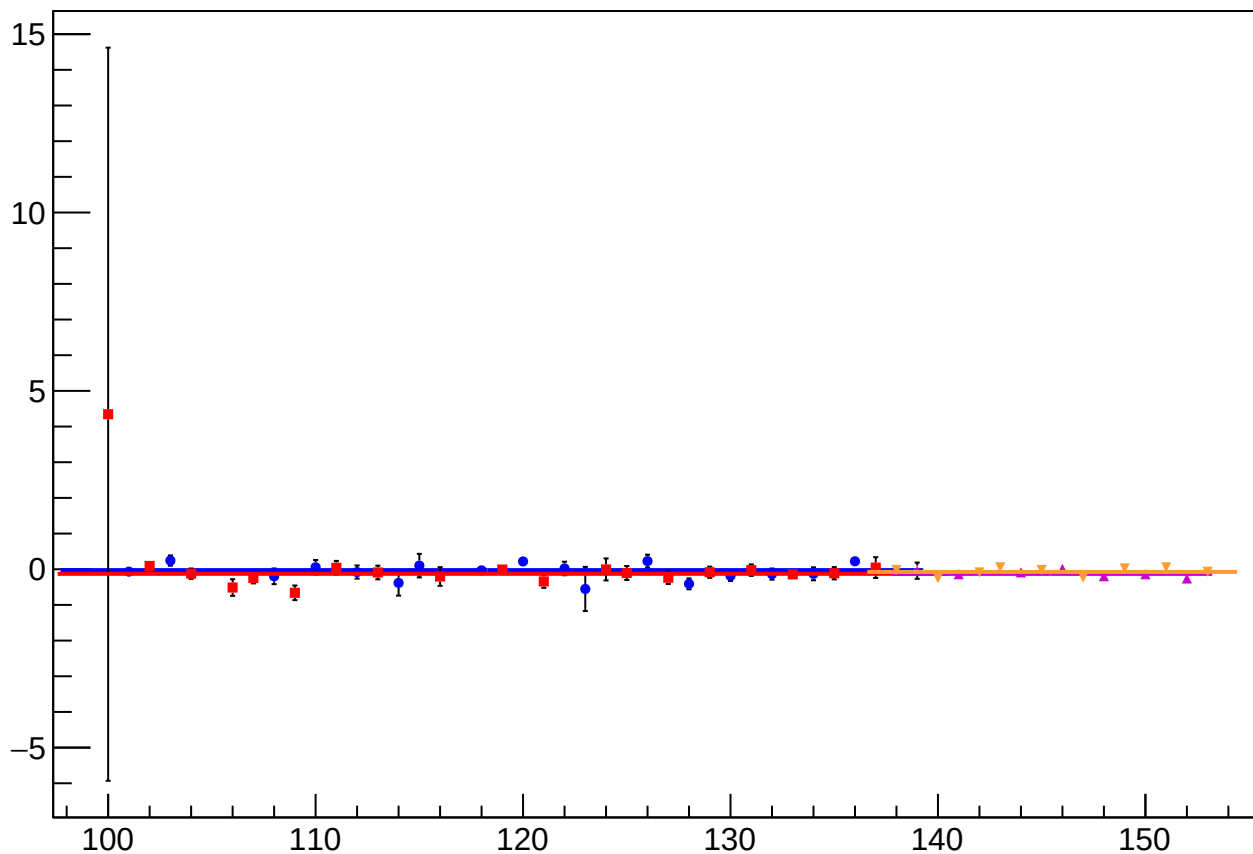
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.059+/-0.053 χ^2/NDF :10.6/6

Out: -0.016+/-0.050 χ^2/NDF :15.1/8

All: -0.036+/-0.036 χ^2/NDF : 26.0/15

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2 /NDF: 23.4/16

Left Out: -0.075+/-0.034 χ^2 /NDF:13.0/8

Right Out: -0.128+/-0.039 χ^2 /NDF: 17.6/18

Left In: -0.130+/-0.037 χ^2 /NDF:5.7/6

Left: -0.100+/-0.025 χ^2 /NDF: 19.9/15

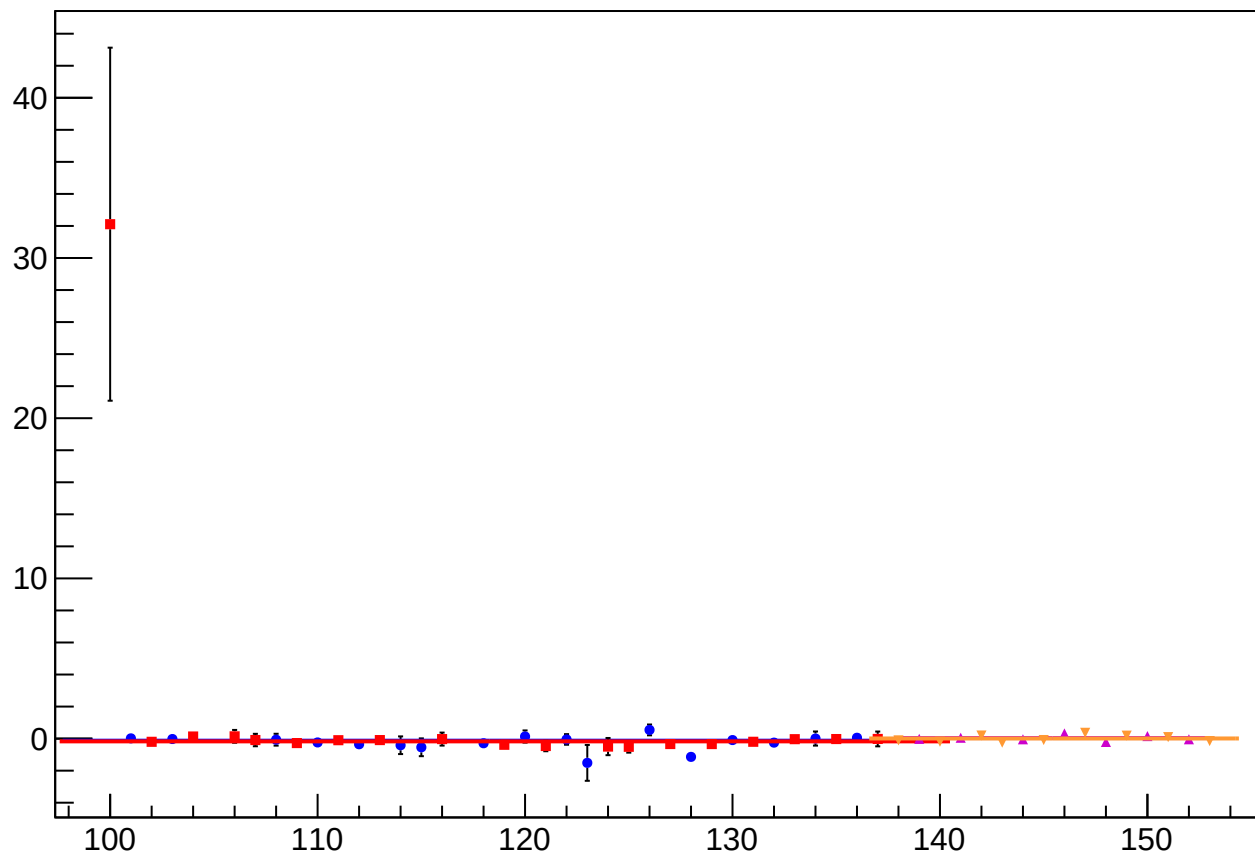
Right: -0.072+/-0.027 χ^2 /NDF: 44.7/35

In: -0.077+/-0.026 χ^2 /NDF:33.3/23

Out: -0.098+/-0.026 χ^2 /NDF:31.6/27

All: -0.087+/-0.018 χ^2 /NDF: 65.2/51

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 $\chi^2/\text{NDF}: 23.7/16$

Left Out: 0.009 ± 0.050 $\chi^2/\text{NDF}: 15.4/8$

Right Out: -0.172 ± 0.071 $\chi^2/\text{NDF}: 15.0/18$

Left In: 0.036 ± 0.053 $\chi^2/\text{NDF}: 9.3/6$

Left: 0.022 ± 0.036 $\chi^2/\text{NDF}: 24.9/15$

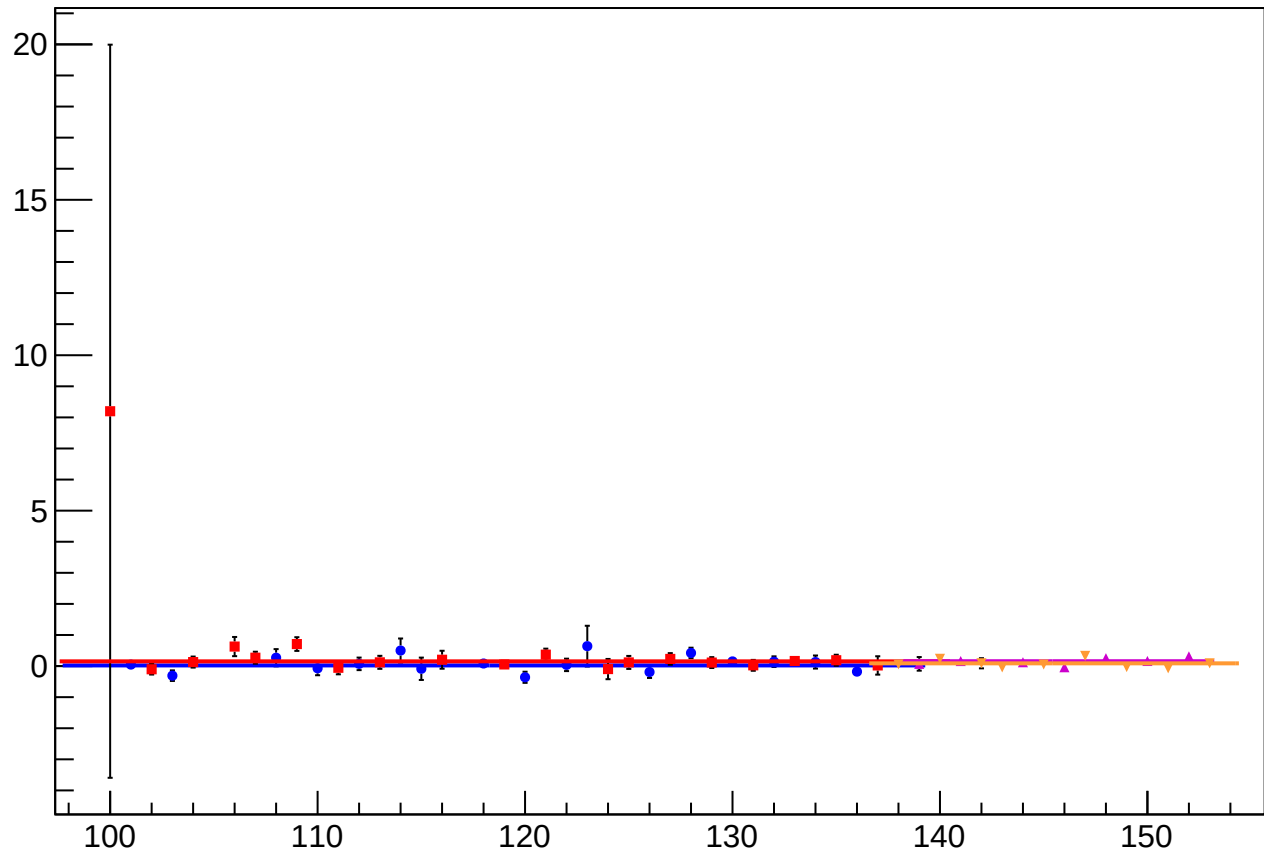
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 39.0/35$

In: -0.027 ± 0.041 $\chi^2/\text{NDF}: 36.8/23$

Out: -0.051 ± 0.041 $\chi^2/\text{NDF}: 34.8/27$

All: -0.040 ± 0.029 $\chi^2/\text{NDF}: 71.8/51$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.088+/-0.042 χ^2/NDF : 11.8/8

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.156+/-0.045 χ^2/NDF : 6.2/6

Left: 0.119+/-0.031 χ^2/NDF : 19.3/15

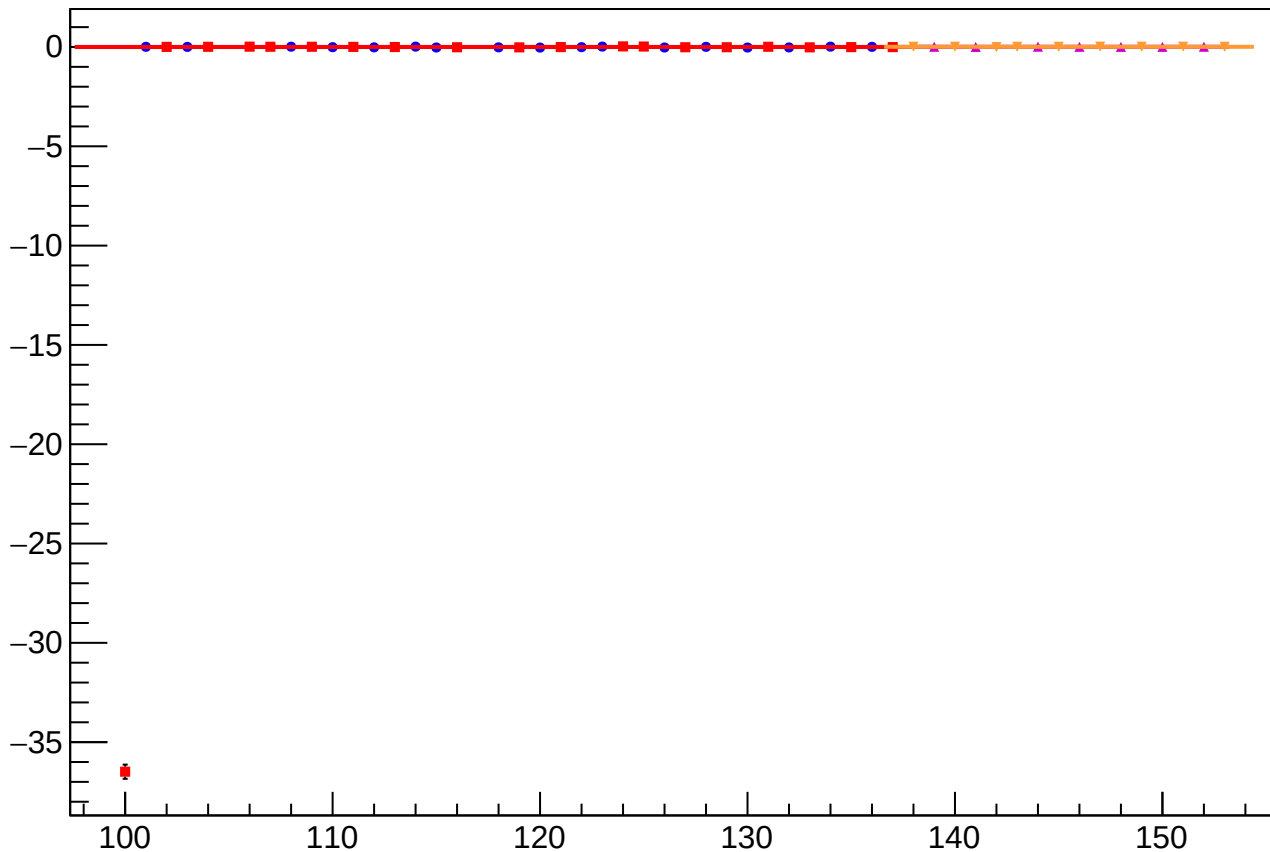
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.084+/-0.031 χ^2/NDF : 33.5/23

Out: 0.117+/-0.031 χ^2/NDF : 29.2/27

All: 0.100+/-0.022 χ^2/NDF : 63.2/51

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:4.6/8

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:3.0/6

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 7.7/15

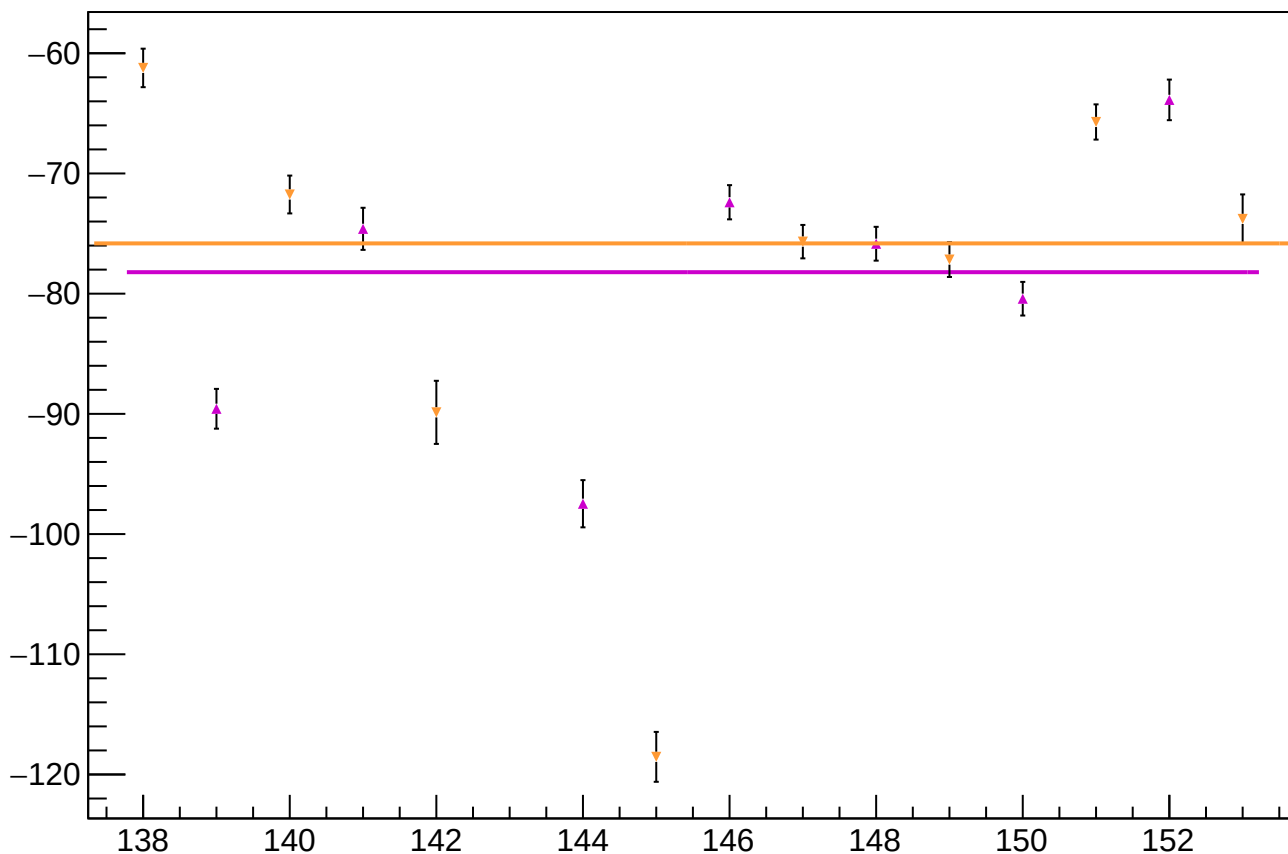
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.006 $\pm$ 0.002 χ^2 /NDF:44.7/23

Out: 0.006 $\pm$ 0.002 χ^2 /NDF:10462.3/27

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10507.0/51

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -75.818+/-0.590 χ^2/NDF :591.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.213+/-0.596 χ^2/NDF :241.7/6

Left: -77.003+/-0.419 χ^2/NDF : 841.2/14

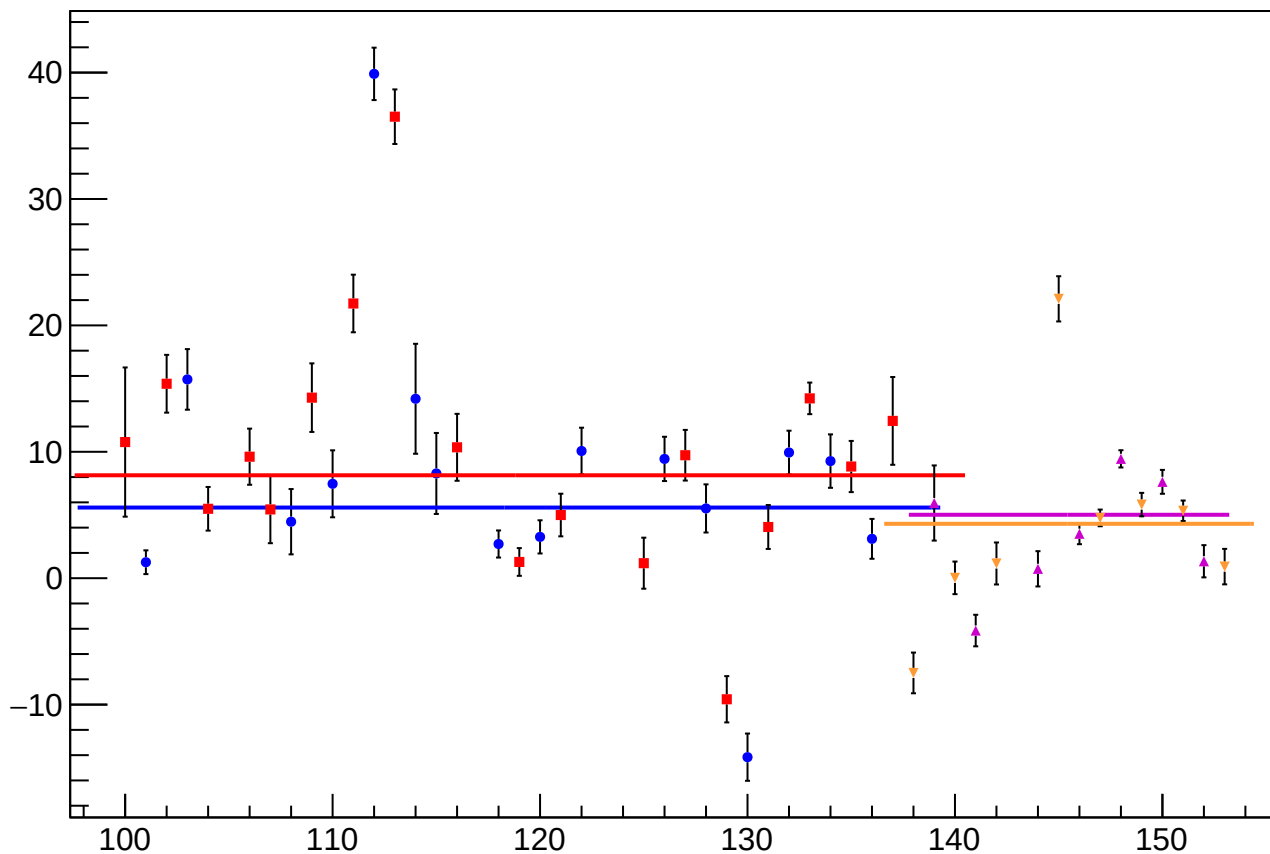
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.213+/-0.596 χ^2/NDF :241.7/6

Out: -75.818+/-0.590 χ^2/NDF :591.3/7

All: -77.003+/-0.419 χ^2/NDF : 841.2/14

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 ± 0.424 $\chi^2/\text{NDF}: 462.8/15$

Left Out: 4.303 ± 0.374 $\chi^2/\text{NDF}: 177.9/7$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

Left In: 5.017 ± 0.389 $\chi^2/\text{NDF}: 124.6/6$

Left: 4.647 ± 0.269 $\chi^2/\text{NDF}: 304.3/14$

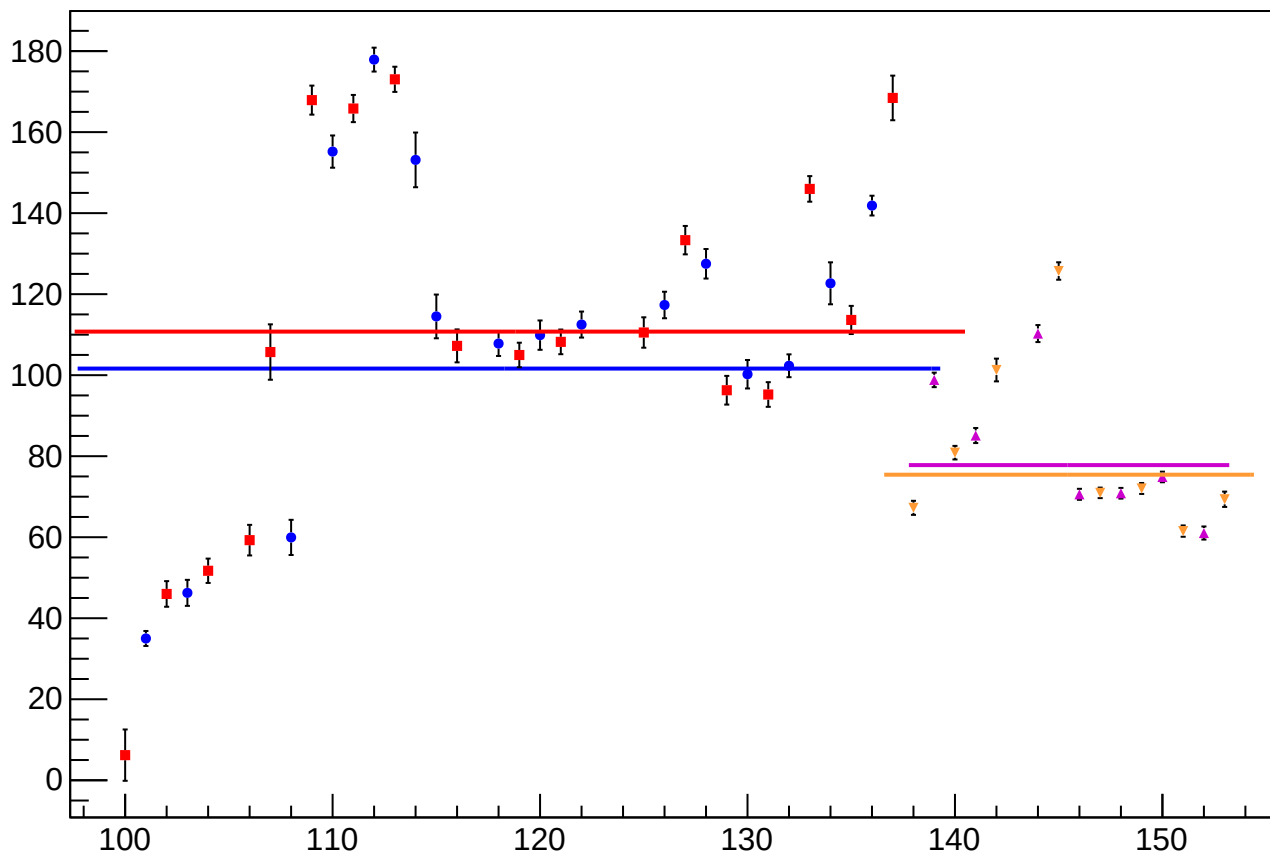
Right: 6.778 ± 0.310 $\chi^2/\text{NDF}: 887.4/33$

In: 5.279 ± 0.286 $\chi^2/\text{NDF}: 588.4/22$

Out: 5.856 ± 0.288 $\chi^2/\text{NDF}: 628.2/25$

All: 5.565 ± 0.203 $\chi^2/\text{NDF}: 1218.7/48$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 75.433 $\pm$ 0.581 χ^2 /NDF:789.7/7

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

Left In: 77.802 $\pm$ 0.586 χ^2 /NDF:560.5/6

Left: 76.607 $\pm$ 0.413 χ^2 /NDF: 1358.4/14

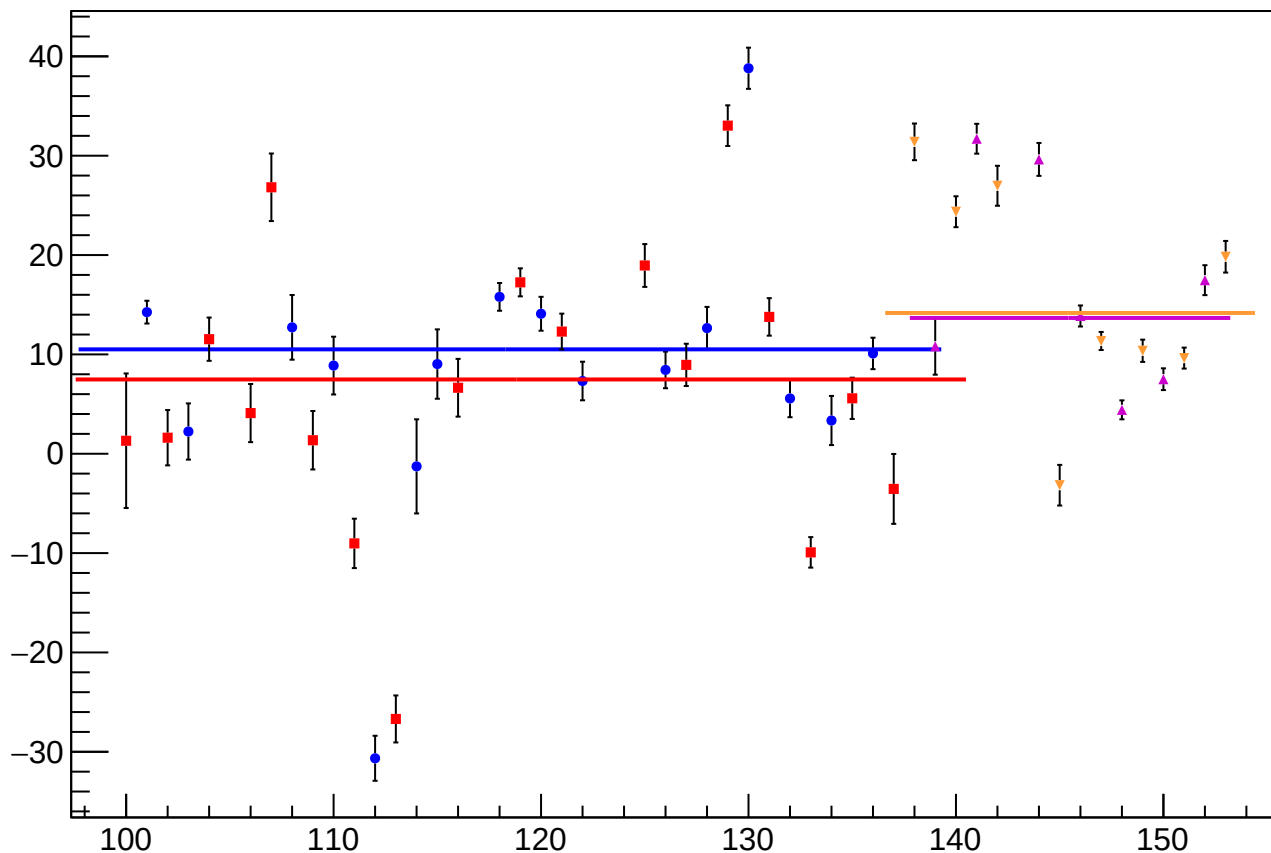
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 86.035 $\pm$ 0.474 χ^2 /NDF:4110.1/22

Out: 86.939 $\pm$ 0.477 χ^2 /NDF:4505.8/25

All: 86.484 $\pm$ 0.336 χ^2 /NDF: 8617.7/48

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 14.172 $\pm$ 0.472 χ^2 /NDF: 294.6/7

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

Left In: 13.670 $\pm$ 0.488 χ^2 /NDF: 370.1/6

Left: 13.929 $\pm$ 0.339 χ^2 /NDF: 665.3/14

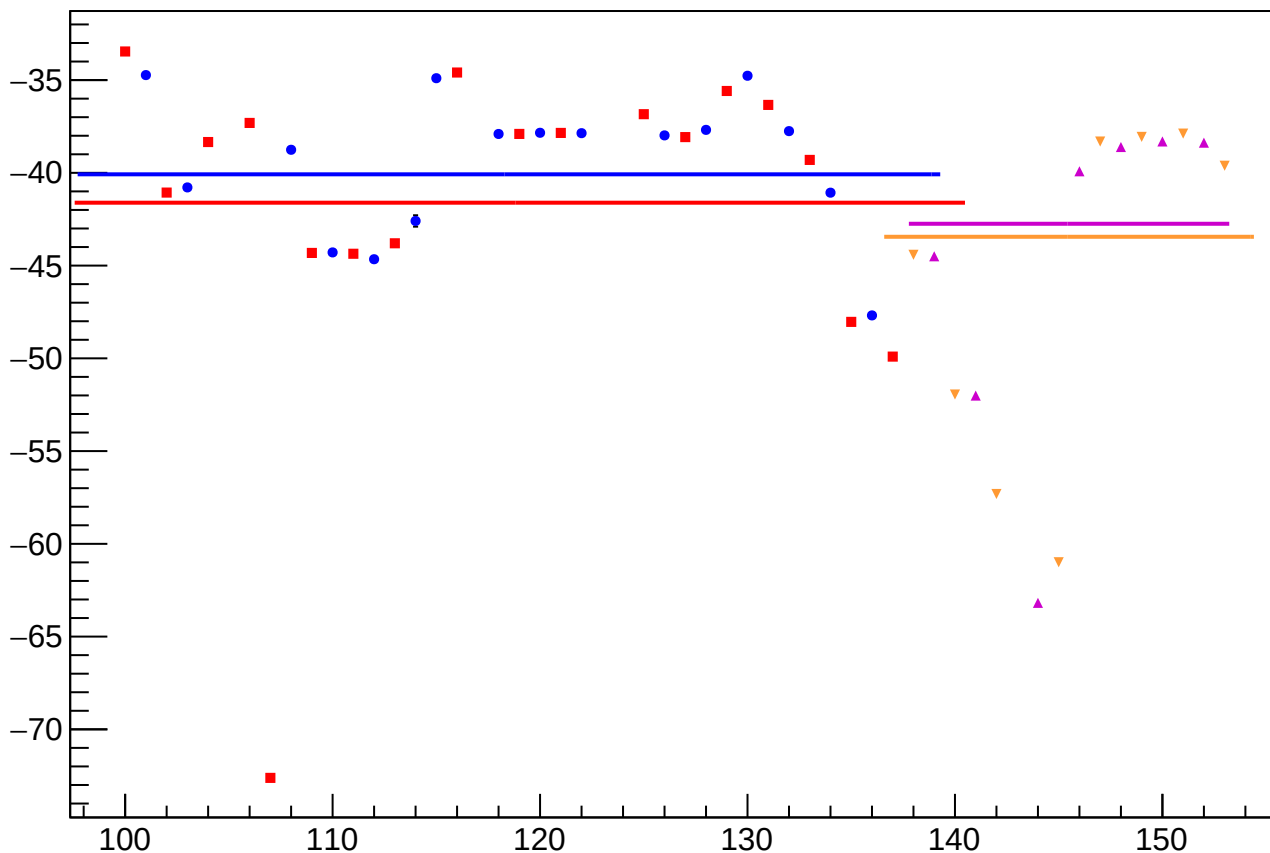
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 12.101 $\pm$ 0.347 χ^2 /NDF: 972.4/22

Out: 11.174 $\pm$ 0.351 χ^2 /NDF: 1074.1/25

All: 11.643 $\pm$ 0.246 χ^2 /NDF: 2050.1/48

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080 $\pm$ 0.028 χ^2 /NDF: 25123.9/15

Left Out: -43.447 $\pm$ 0.025 χ^2 /NDF: 98086.6/7

Right Out: -41.609 $\pm$ 0.029 χ^2 /NDF: 61784.6/17

Left In: -42.745 $\pm$ 0.024 χ^2 /NDF: 83426.9/6

Left: -43.095 $\pm$ 0.017 χ^2 /NDF: 181923.7/14

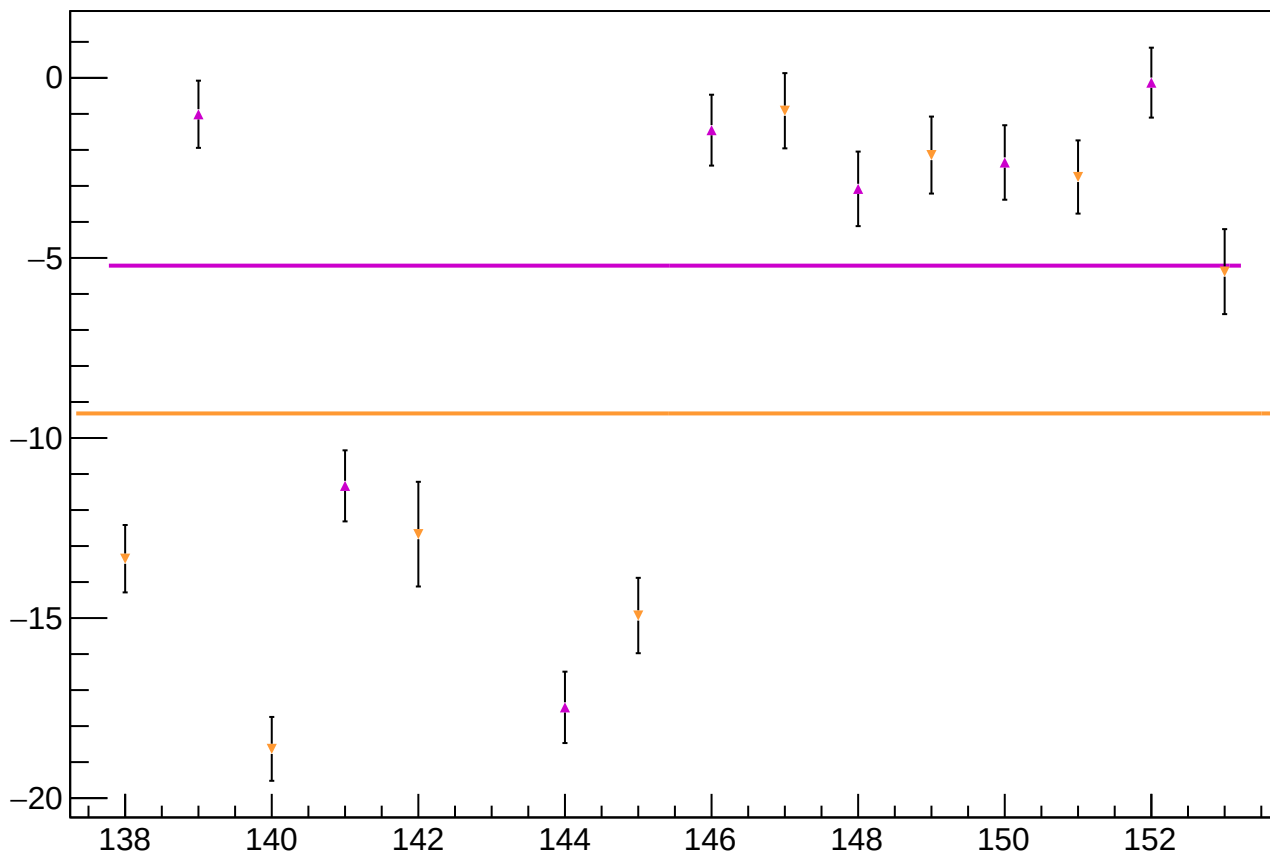
Right: -40.834 $\pm$ 0.020 χ^2 /NDF: 88360.5/33

In: -41.602 $\pm$ 0.018 χ^2 /NDF: 113653.4/22

Out: -42.667 $\pm$ 0.019 χ^2 /NDF: 162251.1/25

All: -42.130 $\pm$ 0.013 χ^2 /NDF: 277555.6/48

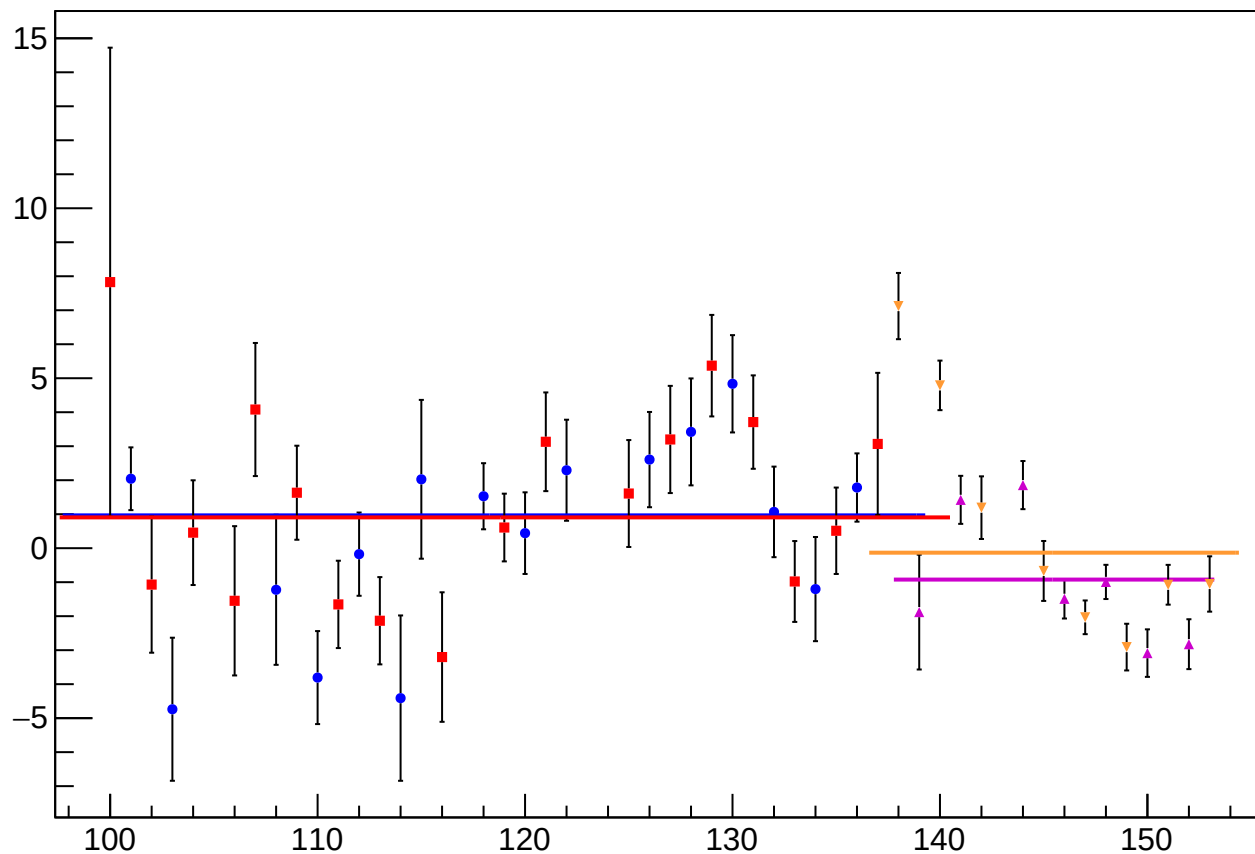
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.318+/-0.371 χ^2/NDF : 325.6/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.214+/-0.374 χ^2/NDF : 265.8/6

Left: -7.283+/-0.263 χ^2/NDF : 652.2/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.214+/-0.374 χ^2/NDF : 265.8/6
 Out: -9.318+/-0.371 χ^2/NDF : 325.6/7
 All: -7.283+/-0.263 χ^2/NDF : 652.2/14

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$

Left Out: -0.132 ± 0.250 $\chi^2/\text{NDF}: 138.4/7$

Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$

Left In: -0.924 ± 0.257 $\chi^2/\text{NDF}: 44.0/6$

Left: -0.517 ± 0.179 $\chi^2/\text{NDF}: 187.3/14$

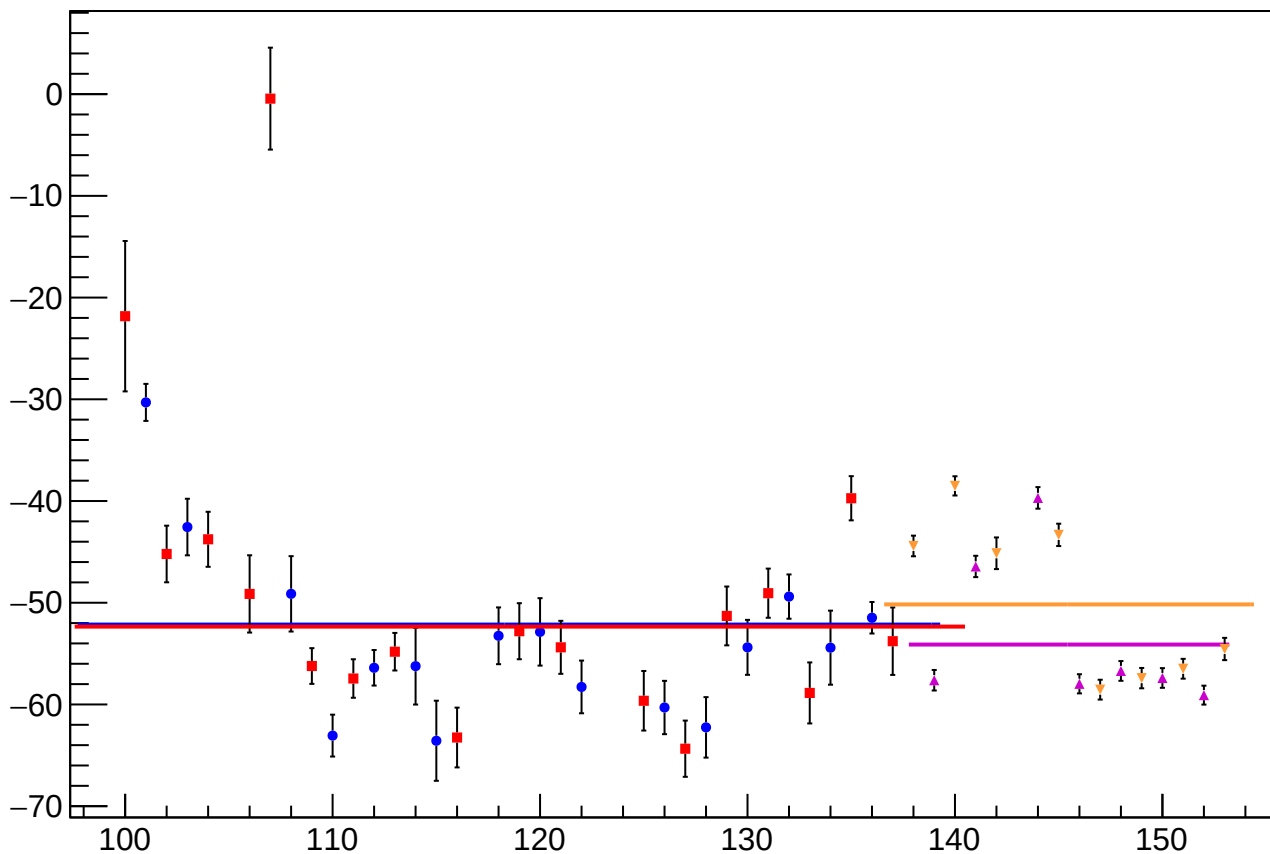
Right: 0.937 ± 0.244 $\chi^2/\text{NDF}: 84.9/33$

In: -0.233 ± 0.204 $\chi^2/\text{NDF}: 106.7/22$

Out: 0.213 ± 0.204 $\chi^2/\text{NDF}: 186.1/25$

All: -0.009 ± 0.144 $\chi^2/\text{NDF}: 295.3/48$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -50.165 ± 0.371 χ^2/NDF : 418.0/7

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

Left In: -54.111 ± 0.373 χ^2/NDF : 314.6/6

Left: -52.127 ± 0.263 χ^2/NDF : 789.0/14

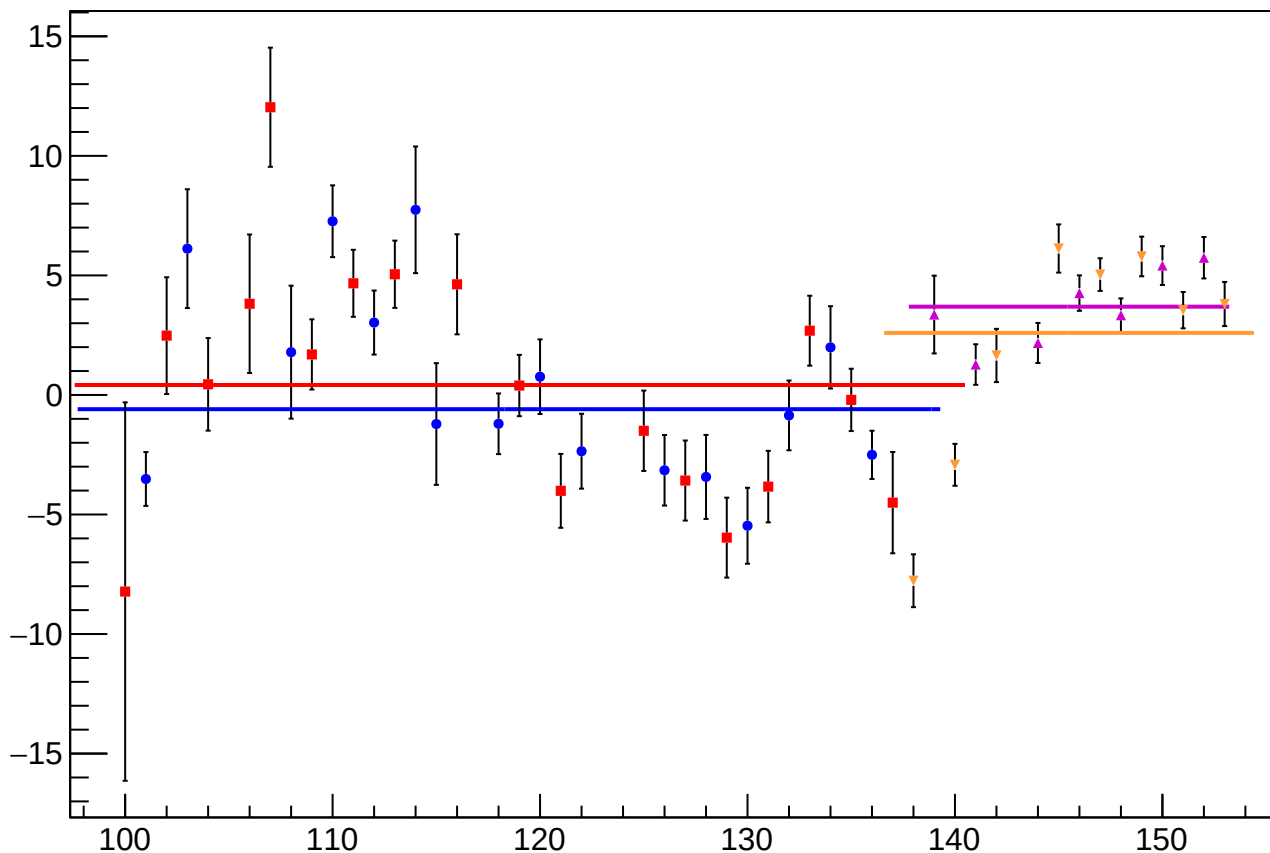
Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33

In: -53.579 ± 0.318 χ^2/NDF : 552.4/22

Out: -50.745 ± 0.318 χ^2/NDF : 663.0/25

All: -52.159 ± 0.225 χ^2/NDF : 1255.0/48

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 2.594 ± 0.310 χ^2/NDF : 171.5/7

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

Left In: 3.693 ± 0.318 χ^2/NDF : 22.4/6

Left: 3.129 ± 0.222 χ^2/NDF : 200.1/14

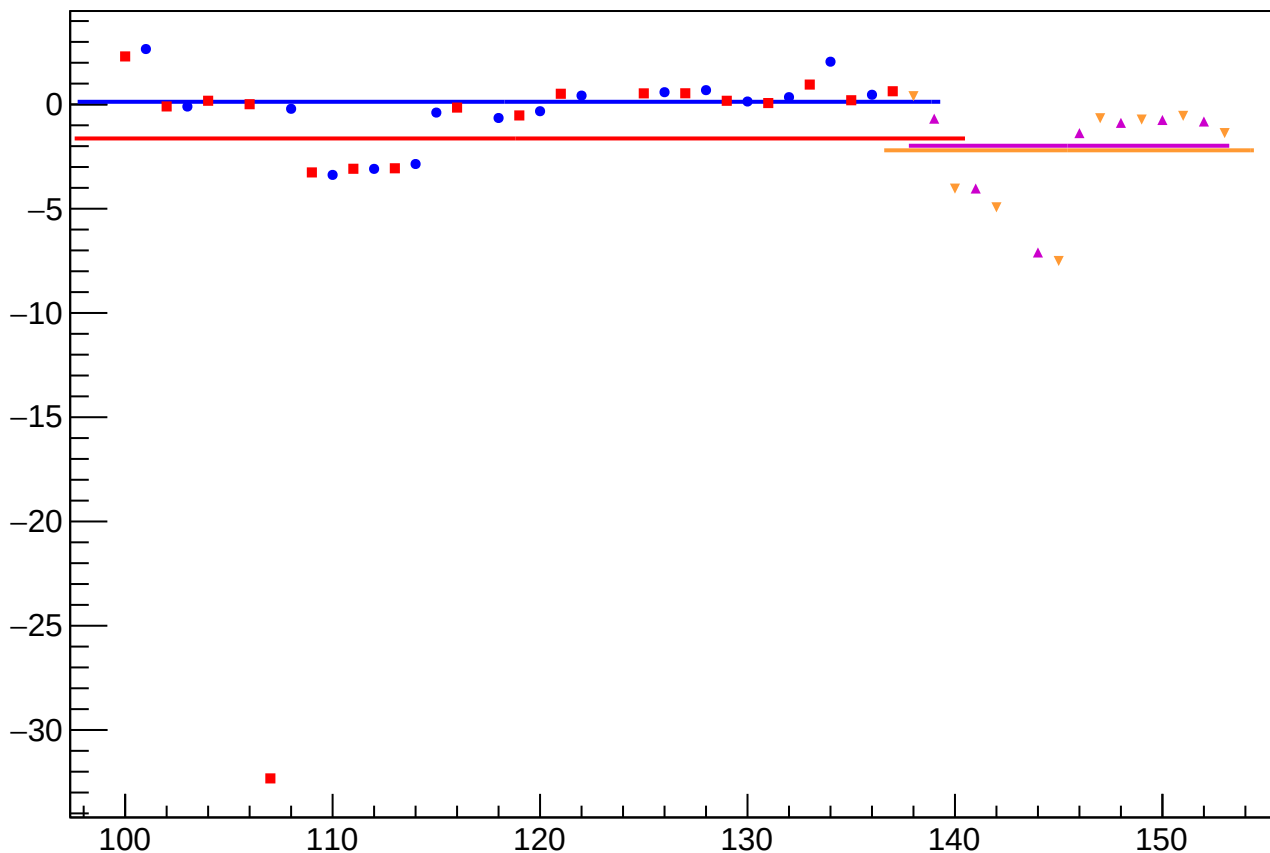
Right: -0.111 ± 0.277 χ^2/NDF : 181.7/33

In: 1.947 ± 0.245 χ^2/NDF : 179.0/22

Out: 1.776 ± 0.245 χ^2/NDF : 285.9/25

All: 1.862 ± 0.173 χ^2/NDF : 465.1/48

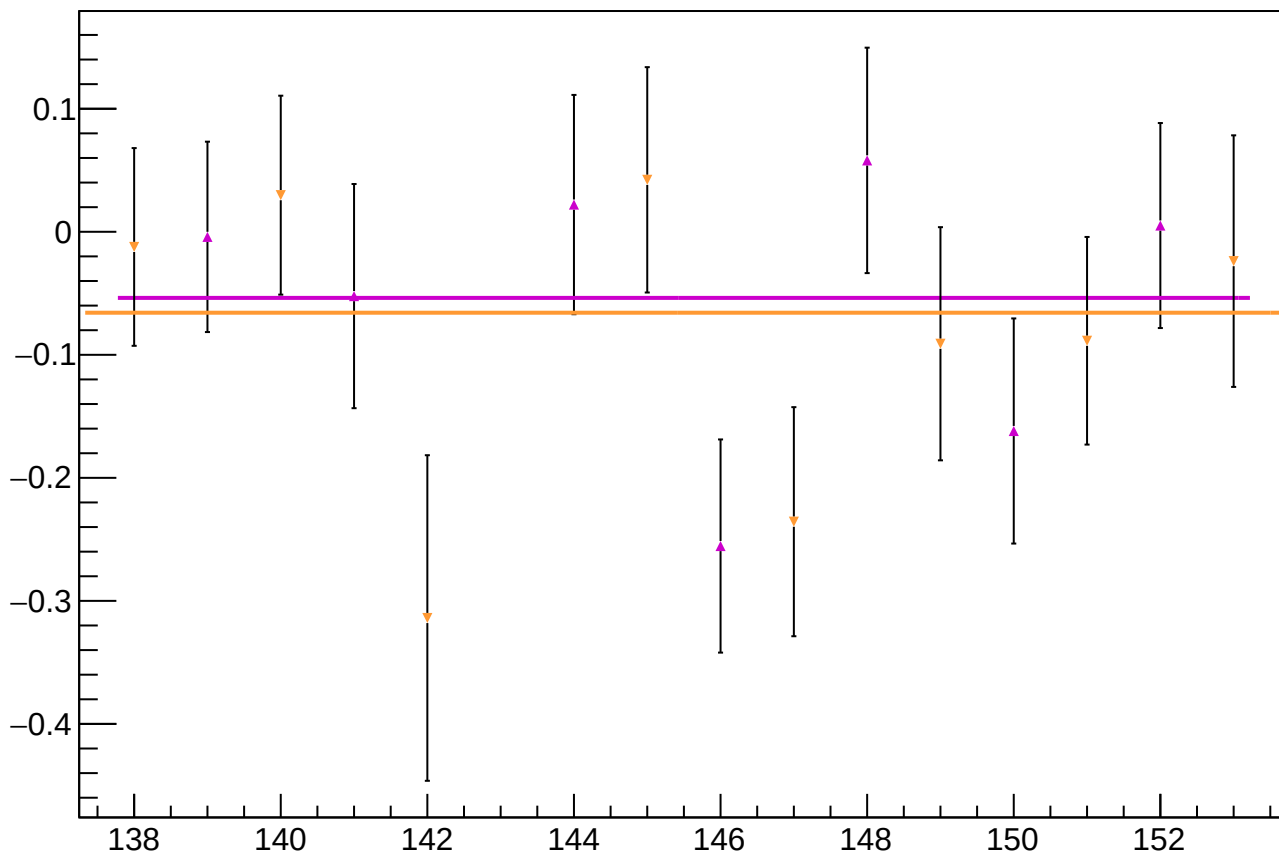
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -2.199 ± 0.015 $\chi^2/\text{NDF}: 27569.2/7$
 Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$
 Left In: -1.980 ± 0.015 $\chi^2/\text{NDF}: 18644.6/6$

Left: -2.090 ± 0.011 $\chi^2/\text{NDF}: 46315.6/14$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$
 In: -1.265 ± 0.013 $\chi^2/\text{NDF}: 30255.1/22$
 Out: -2.011 ± 0.013 $\chi^2/\text{NDF}: 105902.3/25$
 All: -1.637 ± 0.009 $\chi^2/\text{NDF}: 137929.2/48$

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: -0.066+/-0.032 χ^2/NDF : 10.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.054+/-0.033 χ^2/NDF : 9.9/6

Left: -0.060+/-0.023 χ^2/NDF : 20.4/14

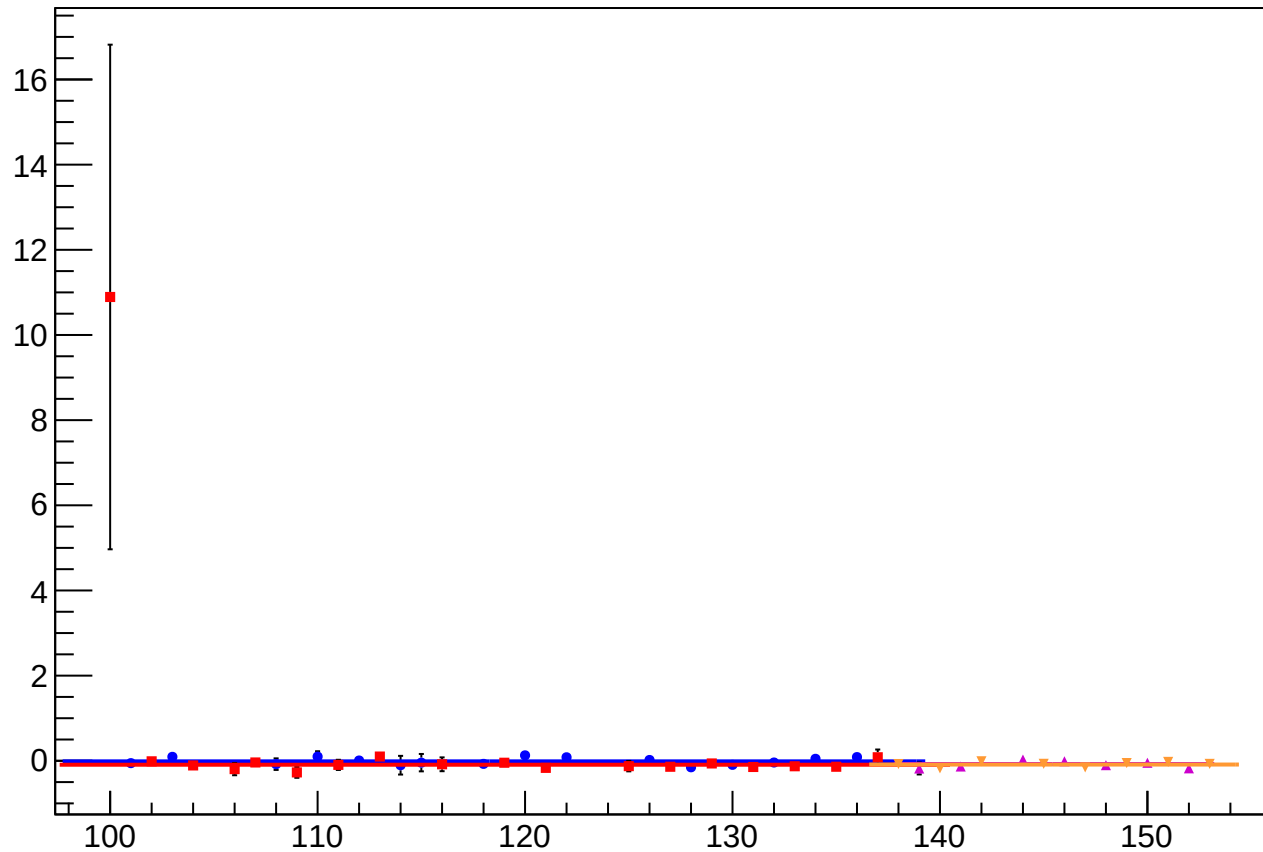
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.033 χ^2/NDF : 9.9/6

Out: -0.066+/-0.032 χ^2/NDF : 10.4/7

All: -0.060+/-0.023 χ^2/NDF : 20.4/14

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF : 12.2/15

Left Out: -0.088+/-0.022 χ^2/NDF : 7.0/7

Right Out: -0.092+/-0.025 χ^2/NDF : 12.7/17

Left In: -0.076+/-0.023 χ^2/NDF : 8.7/6

Left: -0.082+/-0.016 χ^2/NDF : 15.9/14

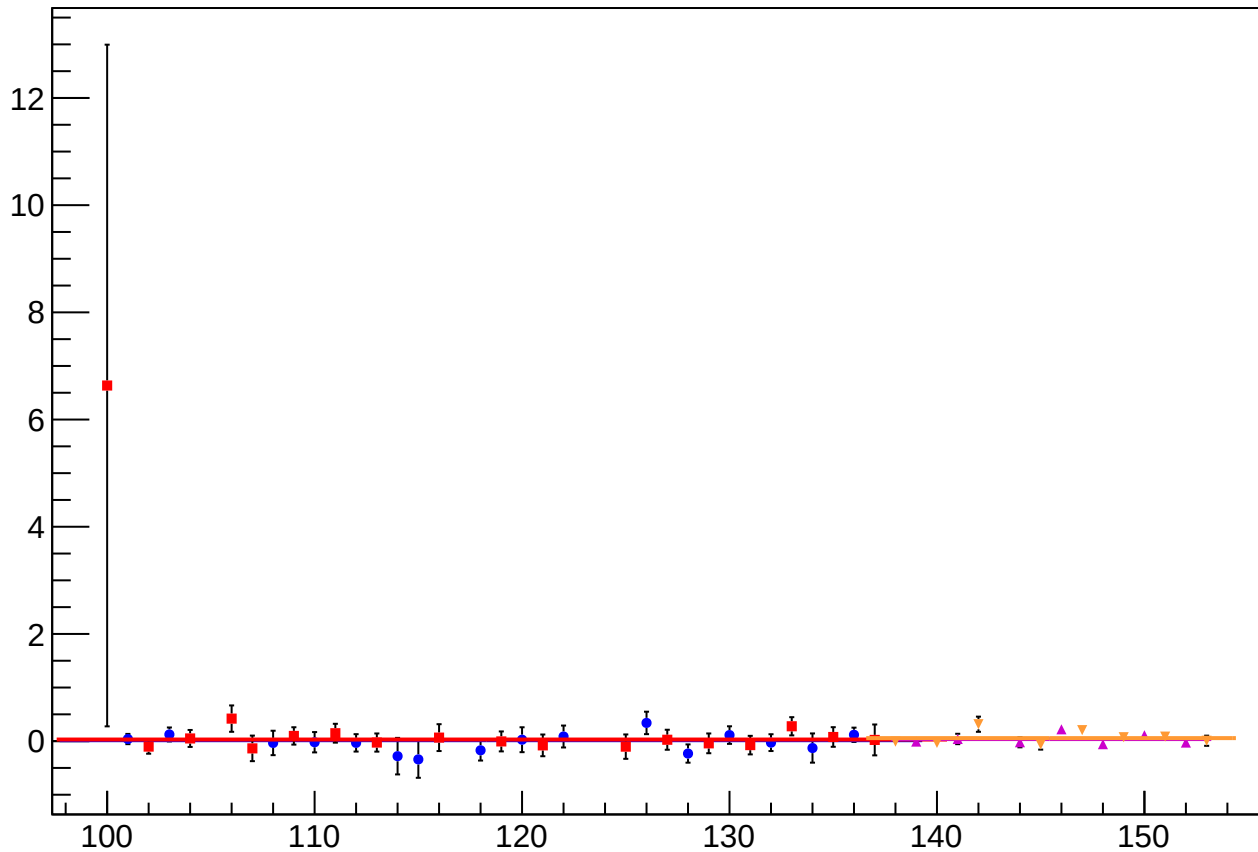
Right: -0.050+/-0.017 χ^2/NDF : 30.3/33

In: -0.045+/-0.016 χ^2/NDF : 24.7/22

Out: -0.090+/-0.016 χ^2/NDF : 19.7/25

All: -0.067+/-0.012 χ^2/NDF : 48.2/48

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.056 $\pm$ 0.032 χ^2 /NDF: 9.9/7

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

Left In: 0.039 $\pm$ 0.033 χ^2 /NDF: 8.1/6

Left: 0.048 $\pm$ 0.023 χ^2 /NDF: 18.1/14

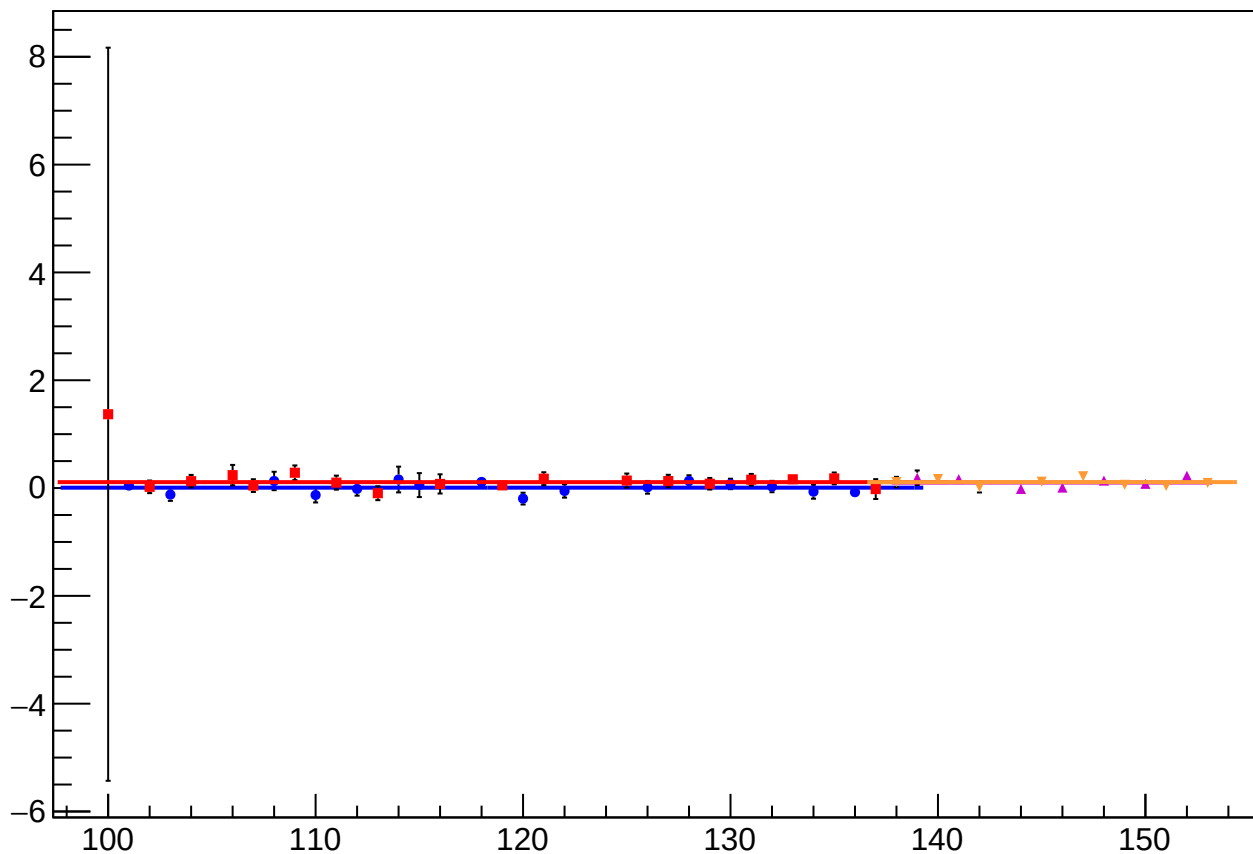
Right: 0.023 $\pm$ 0.031 χ^2 /NDF: 18.9/33

In: 0.031 $\pm$ 0.026 χ^2 /NDF: 17.9/22

Out: 0.047 $\pm$ 0.026 χ^2 /NDF: 19.3/25

All: 0.039 $\pm$ 0.019 χ^2 /NDF: 37.4/48

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.110 $\pm$ 0.027 χ^2 /NDF: 6.3/7

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

Left In: 0.102 $\pm$ 0.028 χ^2 /NDF: 8.9/6

Left: 0.107 $\pm$ 0.020 χ^2 /NDF: 15.2/14

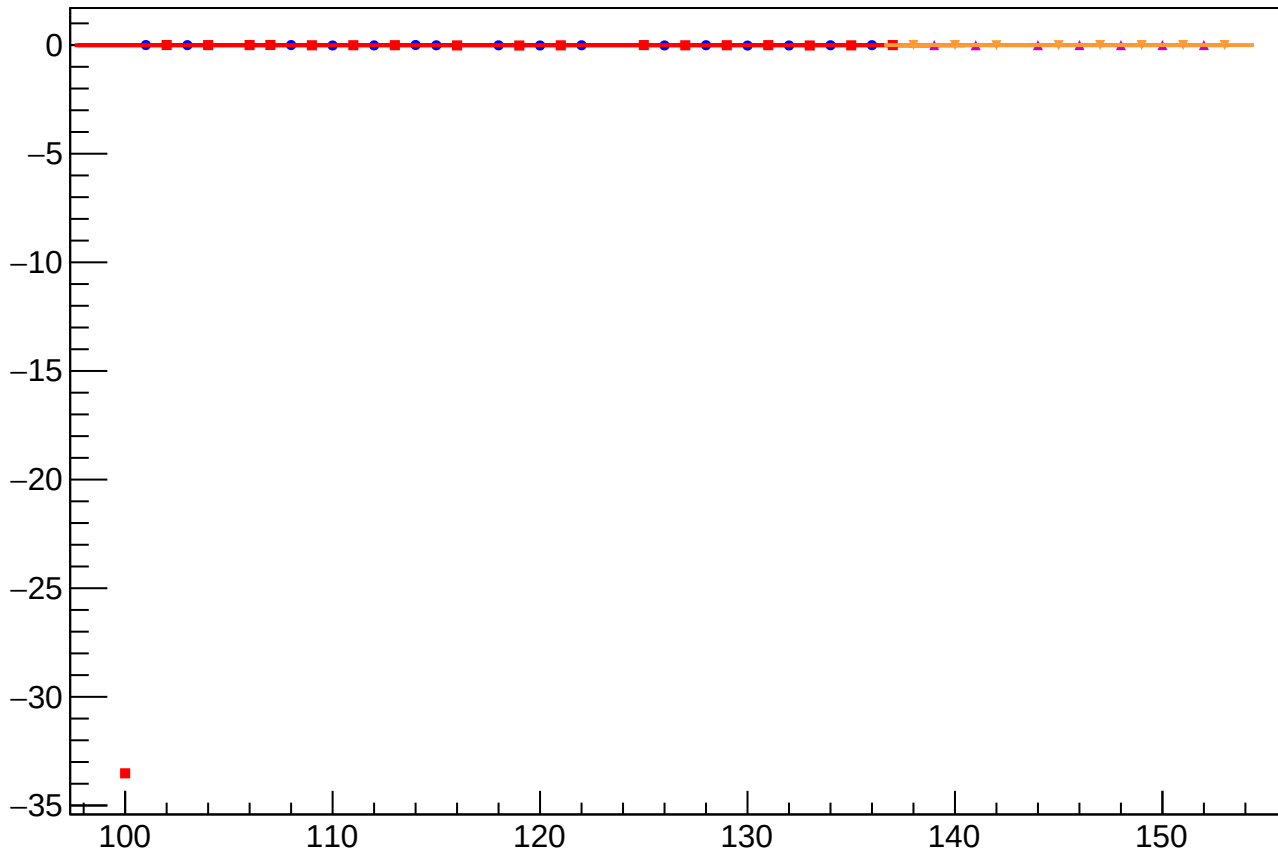
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.053 $\pm$ 0.019 χ^2 /NDF: 27.0/22

Out: 0.110 $\pm$ 0.020 χ^2 /NDF: 14.3/25

All: 0.081 $\pm$ 0.014 χ^2 /NDF: 45.6/48

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF: 6.6/7

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.001 χ^2 /NDF: 4.5/6

Left: -0.000 $\pm$ 0.001 χ^2 /NDF: 12.0/14

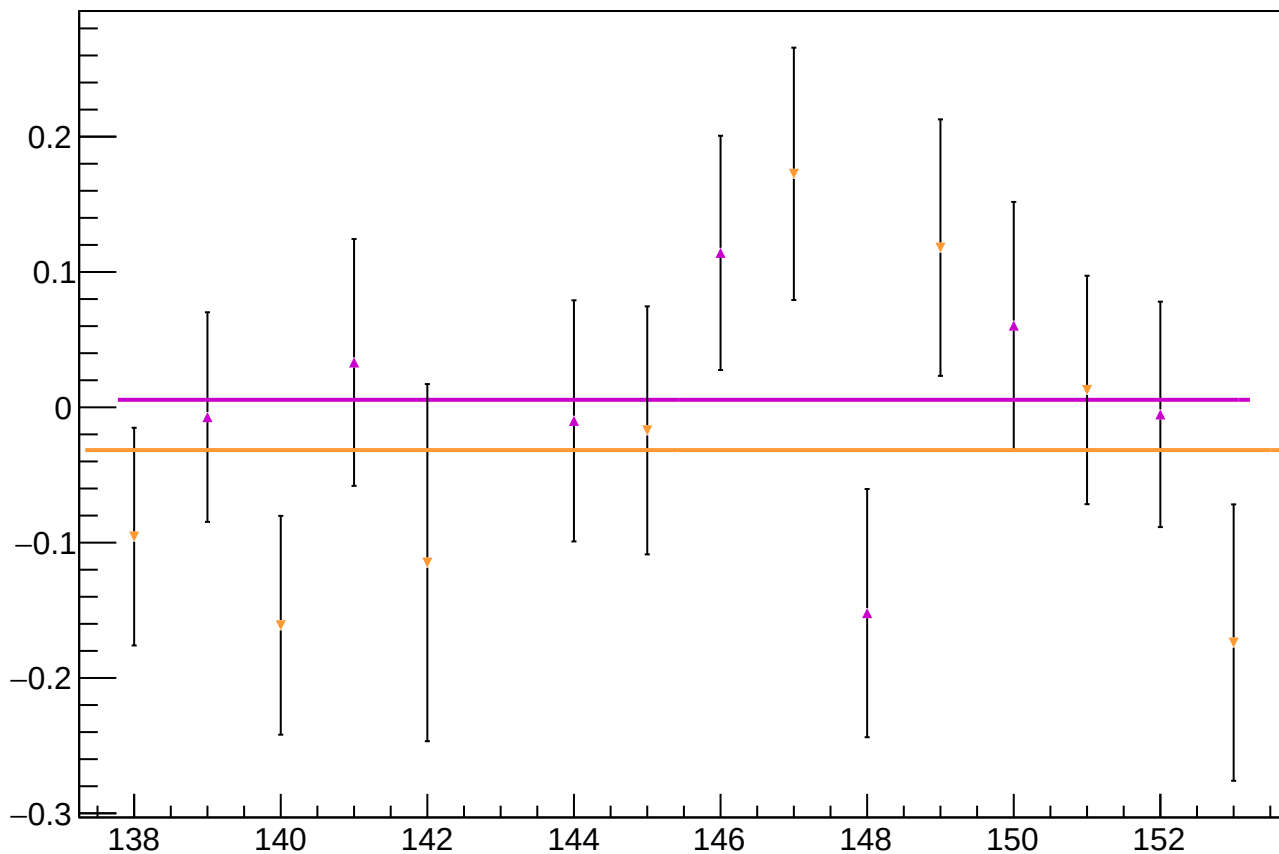
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF: 32.4/22

Out: -0.002 $\pm$ 0.001 χ^2 /NDF: 26526.9/25

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26559.7/48

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.032 $\pm$ 0.033 χ^2 /NDF:13.1/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Left: -0.013 $\pm$ 0.023 χ^2 /NDF: 18.8/14

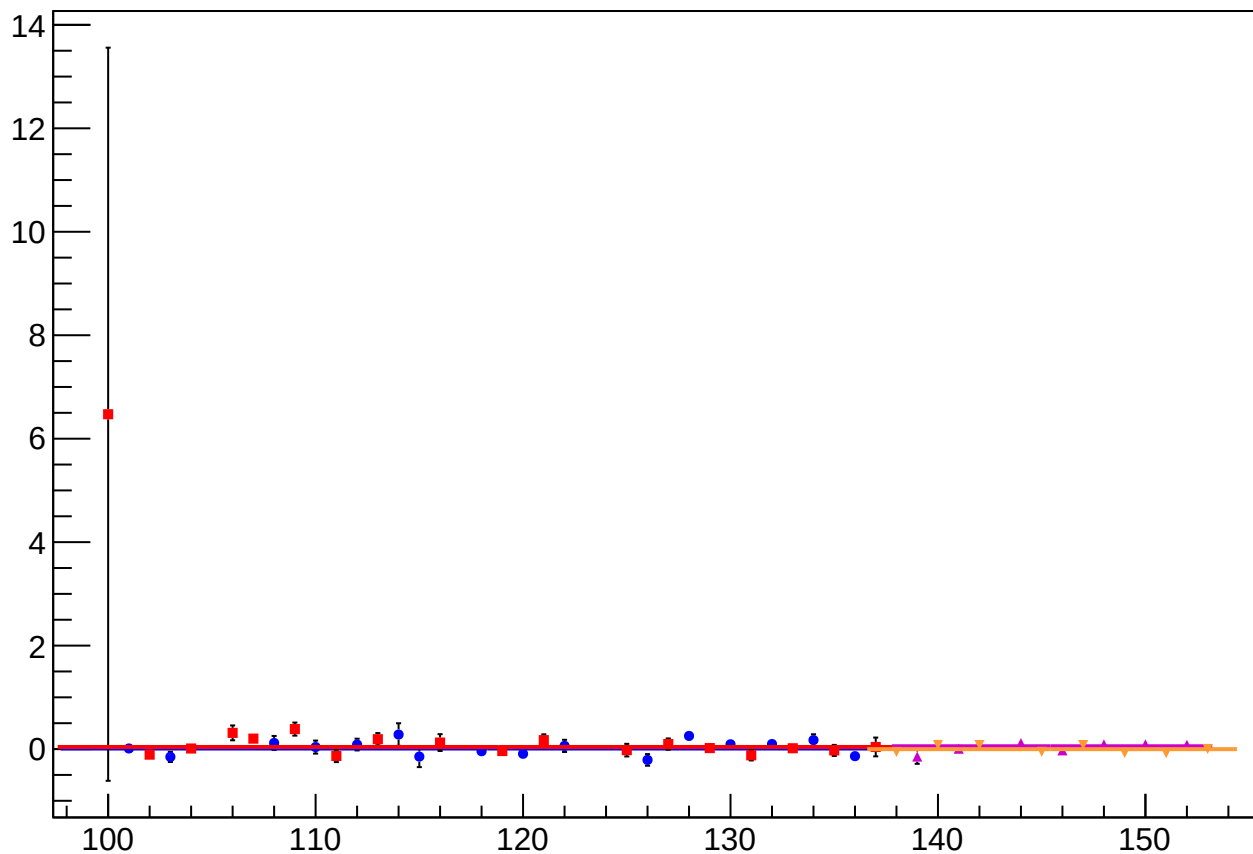
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Out: -0.032 $\pm$ 0.033 χ^2 /NDF:13.1/7

All: -0.013 $\pm$ 0.023 χ^2 /NDF: 18.8/14

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: -0.002 $\pm$ 0.022 χ^2 /NDF:10.6/7

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

Left In: 0.054 $\pm$ 0.023 χ^2 /NDF:7.1/6

Left: 0.025 $\pm$ 0.016 χ^2 /NDF: 20.8/14

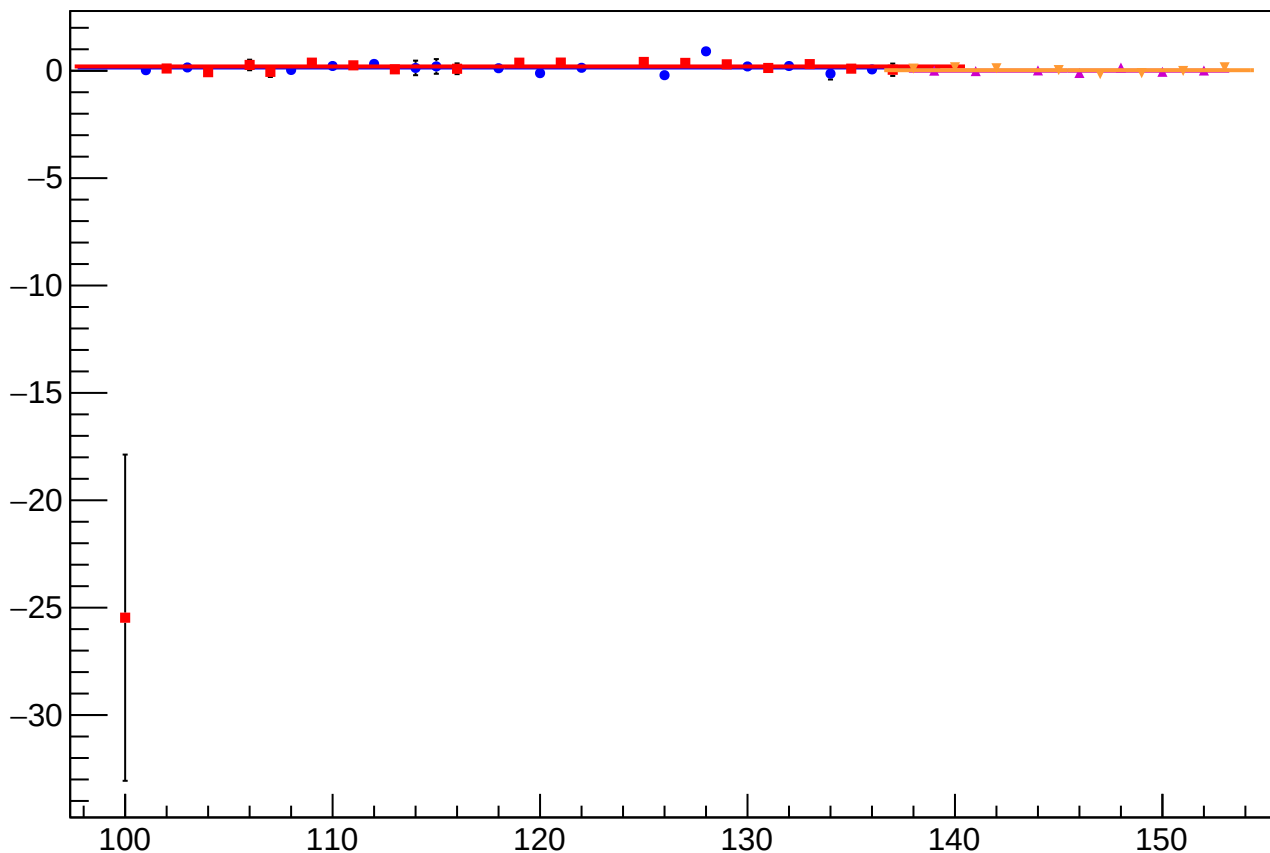
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.033 $\pm$ 0.016 χ^2 /NDF:34.3/22

Out: 0.017 $\pm$ 0.016 χ^2 /NDF:40.1/25

All: 0.025 $\pm$ 0.012 χ^2 /NDF: 74.9/48

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF : 28.7/15

Left Out: 0.026+/-0.032 χ^2/NDF :12.9/7

Right Out: 0.200+/-0.045 χ^2/NDF : 22.9/17

Left In: 0.002+/-0.033 χ^2/NDF :4.9/6

Left: 0.014+/-0.023 χ^2/NDF : 18.1/14

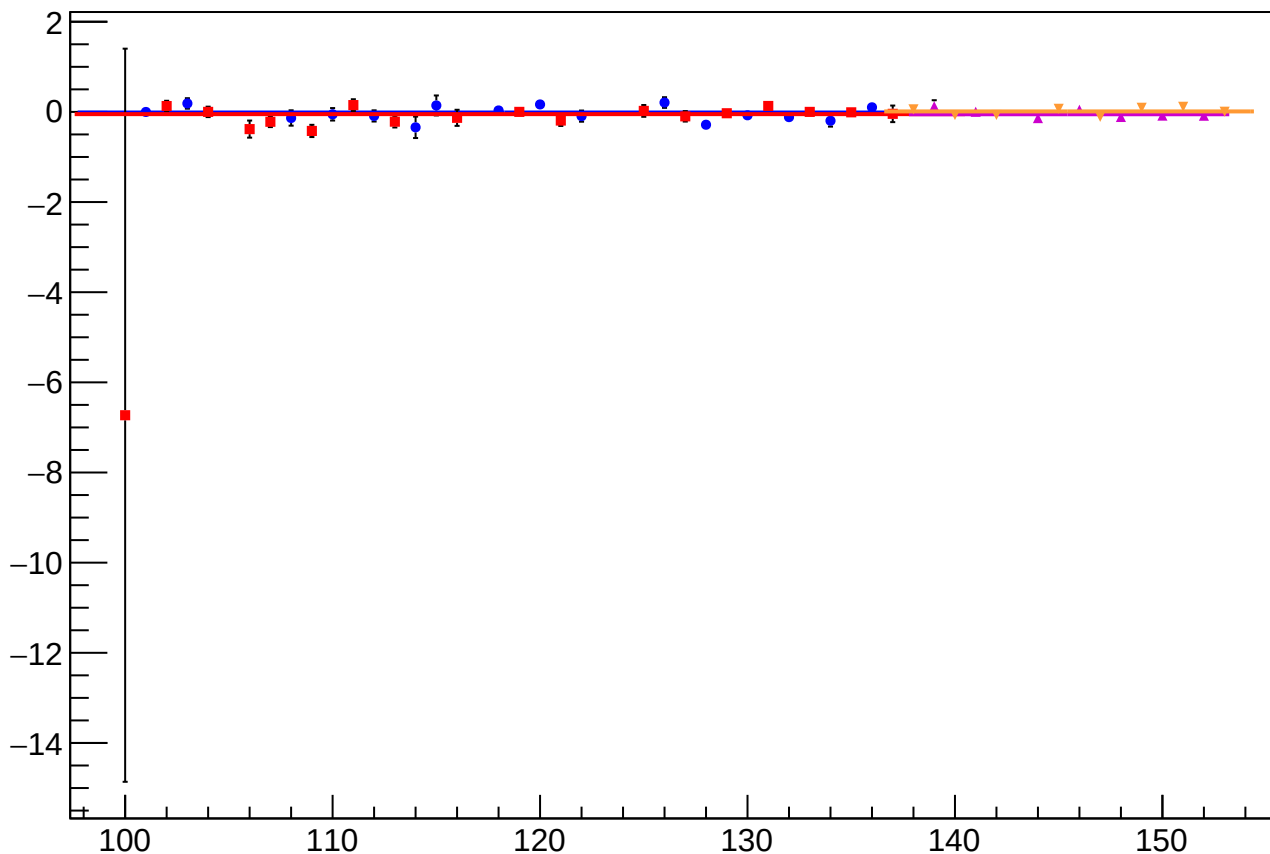
Right: 0.175+/-0.031 χ^2/NDF : 52.2/33

In: 0.057+/-0.026 χ^2/NDF :41.4/22

Out: 0.086+/-0.026 χ^2/NDF :45.6/25

All: 0.071+/-0.019 χ^2/NDF : 87.6/48

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.027 $\chi^2/\text{NDF}: 25.2/15$

Left Out: 0.011 ± 0.027 $\chi^2/\text{NDF}: 10.1/7$

Right Out: -0.050 ± 0.029 $\chi^2/\text{NDF}: 25.7/17$

Left In: -0.052 ± 0.028 $\chi^2/\text{NDF}: 7.1/6$

Left: -0.020 ± 0.020 $\chi^2/\text{NDF}: 19.8/14$

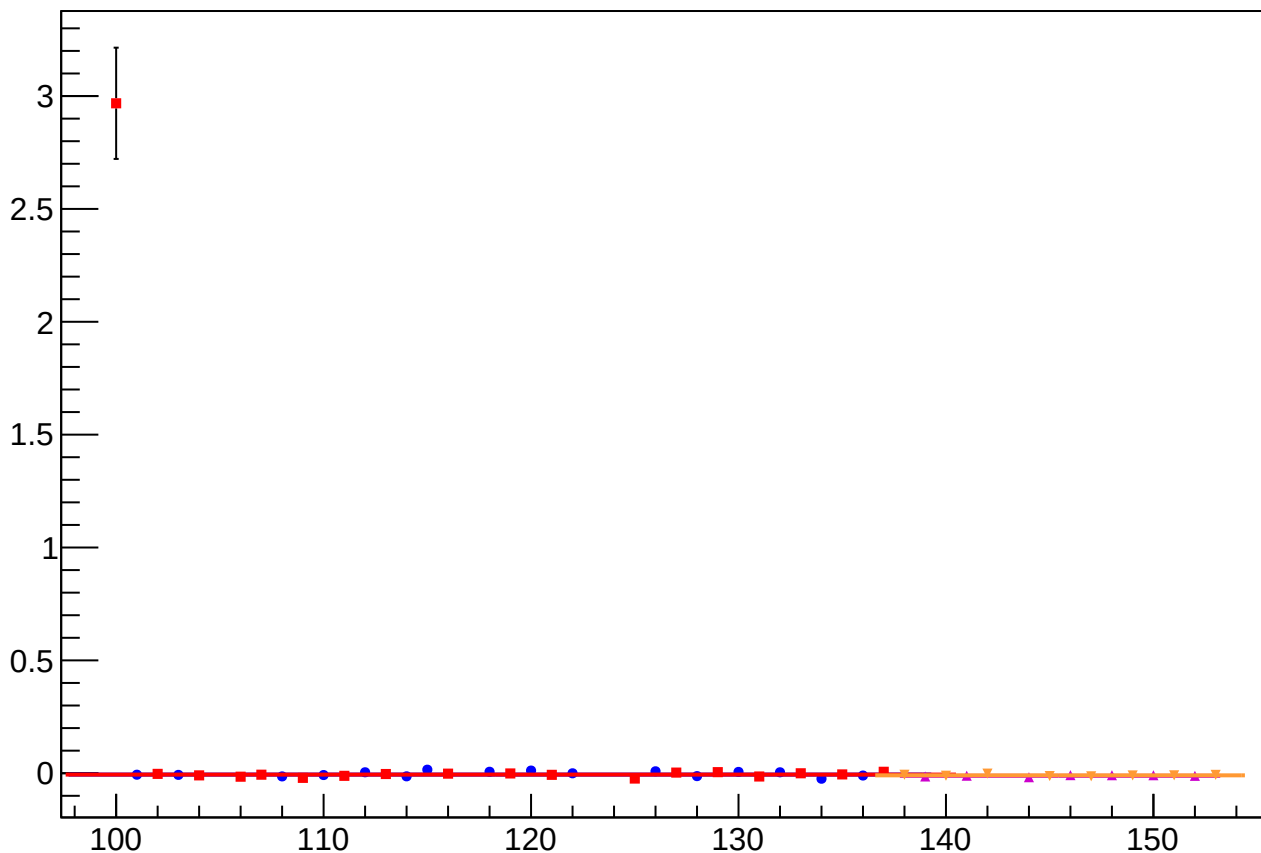
Right: -0.031 ± 0.020 $\chi^2/\text{NDF}: 51.8/33$

In: -0.032 ± 0.019 $\chi^2/\text{NDF}: 33.3/22$

Out: -0.018 ± 0.020 $\chi^2/\text{NDF}: 38.2/25$

All: -0.025 ± 0.014 $\chi^2/\text{NDF}: 71.7/48$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 4.9/7

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/6

Left: -0.010 ± 0.001 χ^2/NDF : 11.1/14

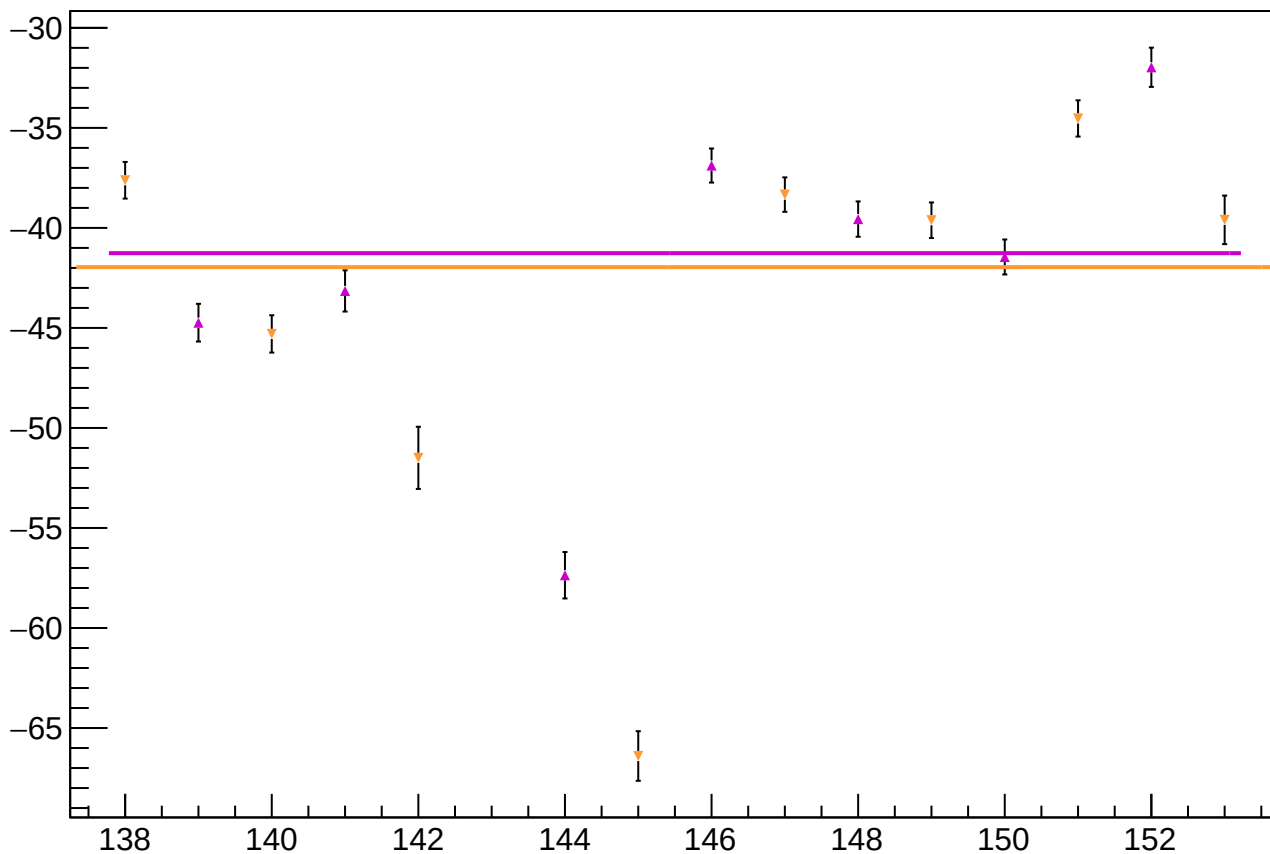
Right: -0.006 ± 0.001 χ^2/NDF : 194.8/33

In: -0.009 ± 0.001 χ^2/NDF : 41.6/22

Out: -0.008 ± 0.001 χ^2/NDF : 173.5/25

All: -0.008 ± 0.001 χ^2/NDF : 215.8/48

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: -41.961+/-0.355 χ^2/NDF :557.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.263+/-0.358 χ^2/NDF :329.6/6

Left: -41.614+/-0.252 χ^2/NDF : 888.9/14

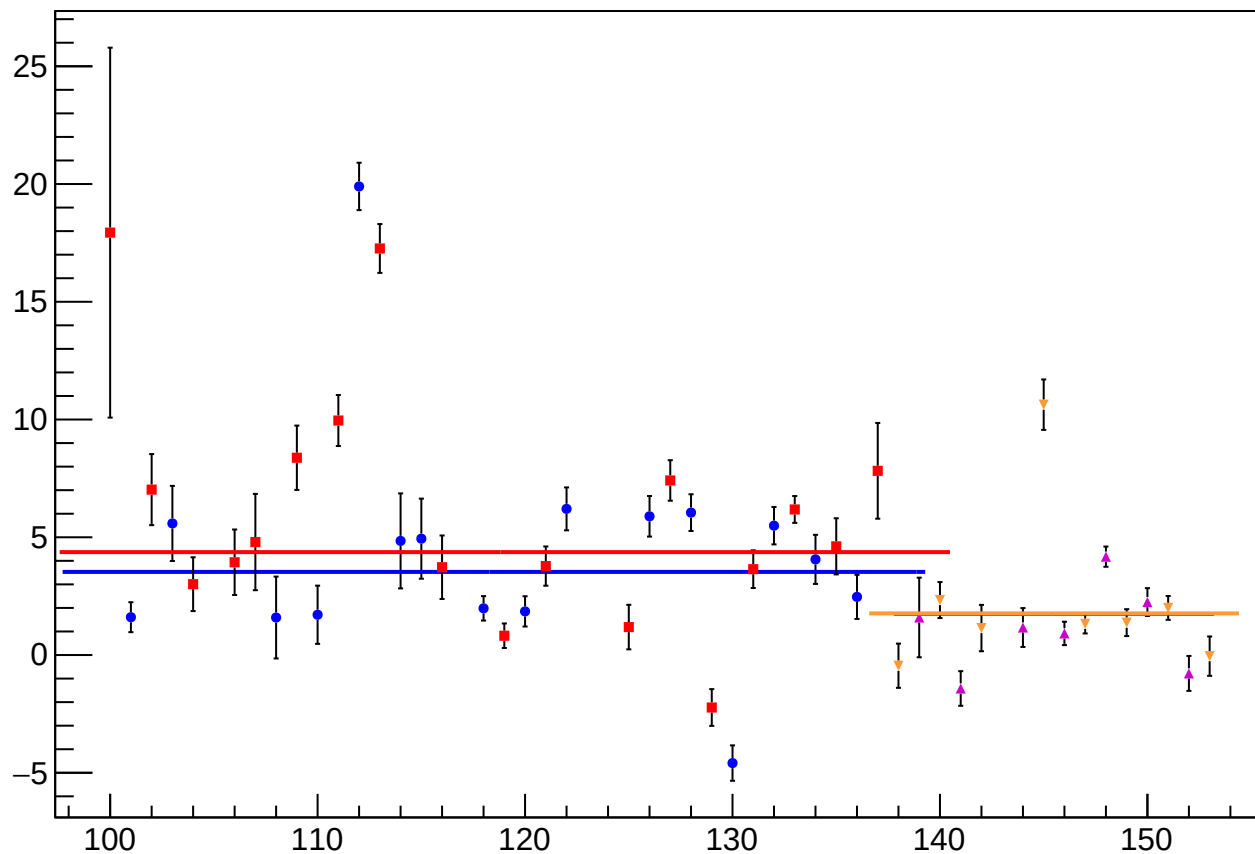
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.263+/-0.358 χ^2/NDF :329.6/6

Out: -41.961+/-0.355 χ^2/NDF :557.4/7

All: -41.614+/-0.252 χ^2/NDF : 888.9/14

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.767 ± 0.229 $\chi^2/\text{NDF}: 81.6/7$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

Left In: 1.742 ± 0.237 $\chi^2/\text{NDF}: 66.3/6$

Left: 1.755 ± 0.164 $\chi^2/\text{NDF}: 147.8/14$

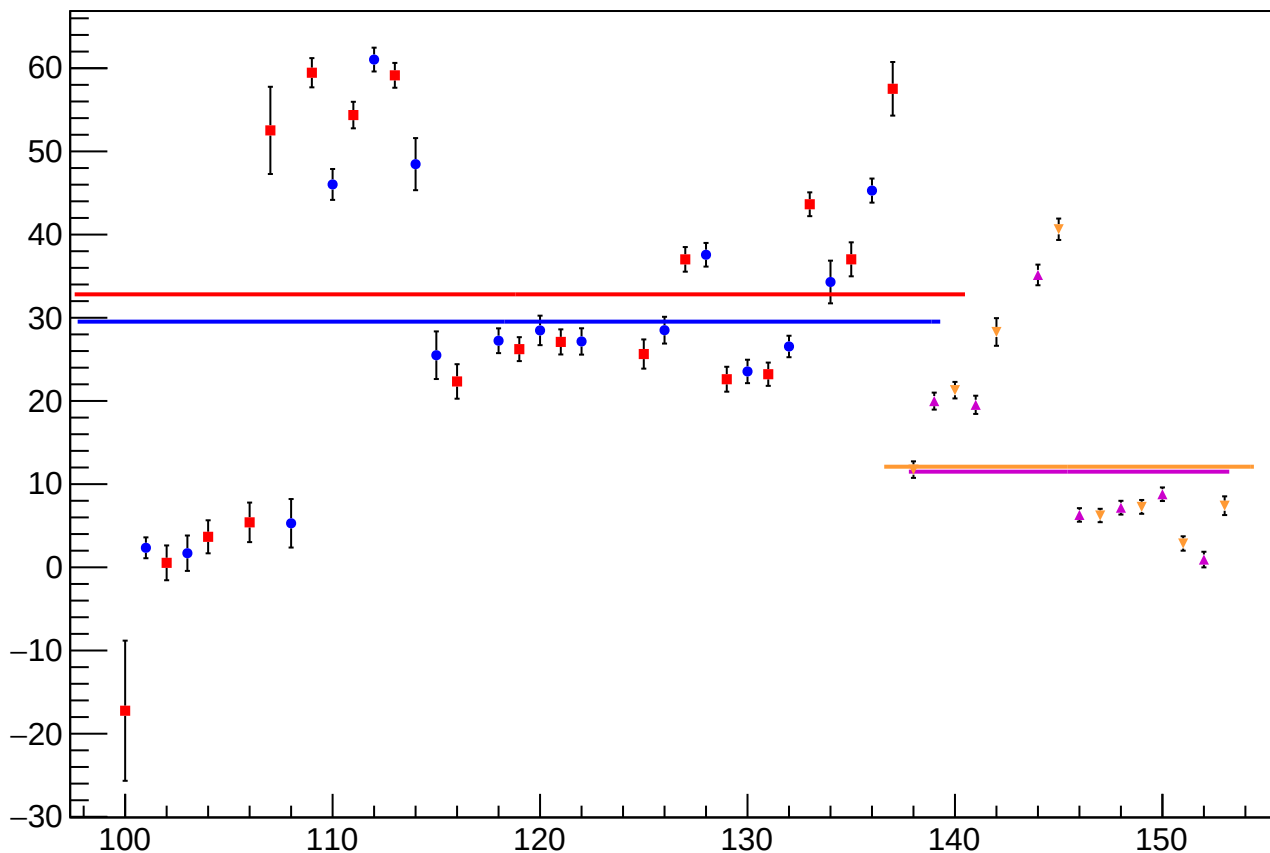
Right: 3.934 ± 0.156 $\chi^2/\text{NDF}: 807.6/33$

In: 2.712 ± 0.160 $\chi^2/\text{NDF}: 543.8/22$

Out: 3.087 ± 0.161 $\chi^2/\text{NDF}: 501.1/25$

All: 2.899 ± 0.113 $\chi^2/\text{NDF}: 1047.6/48$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 12.097 $\pm$ 0.351 χ^2 /NDF: 891.2/7

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

Left In: 11.499 $\pm$ 0.353 χ^2 /NDF: 691.8/6

Left: 11.799 $\pm$ 0.249 χ^2 /NDF: 1584.4/14

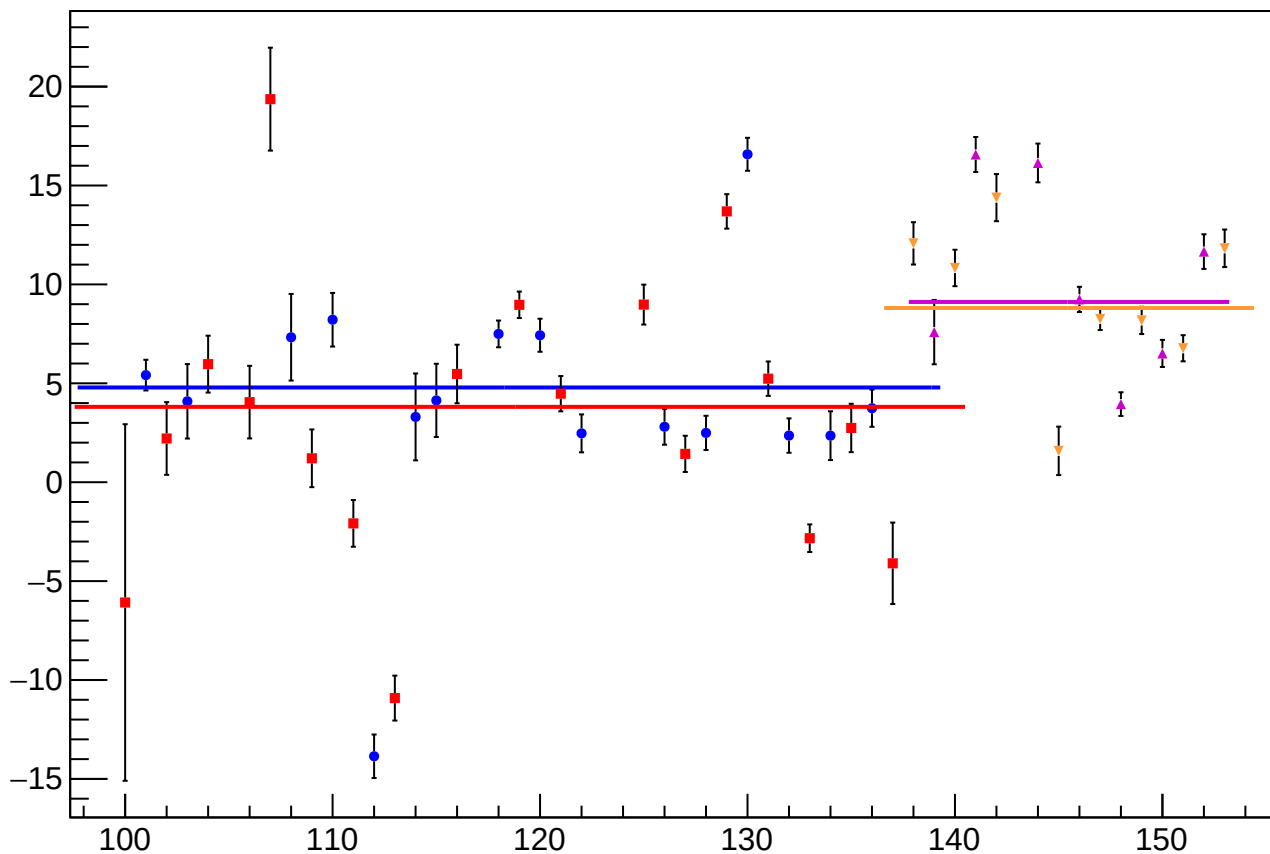
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 19.027 $\pm$ 0.269 χ^2 /NDF: 3277.9/22

Out: 20.555 $\pm$ 0.270 χ^2 /NDF: 3971.2/25

All: 19.788 $\pm$ 0.191 χ^2 /NDF: 7265.2/48

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 $\pm$ 0.251 χ^2 /NDF: 553.9/15

Left Out: 8.807 $\pm$ 0.288 χ^2 /NDF: 92.3/7

Right Out: 3.809 $\pm$ 0.259 χ^2 /NDF: 567.6/17

Left In: 9.113 $\pm$ 0.296 χ^2 /NDF: 220.5/6

Left: 8.956 $\pm$ 0.206 χ^2 /NDF: 313.4/14

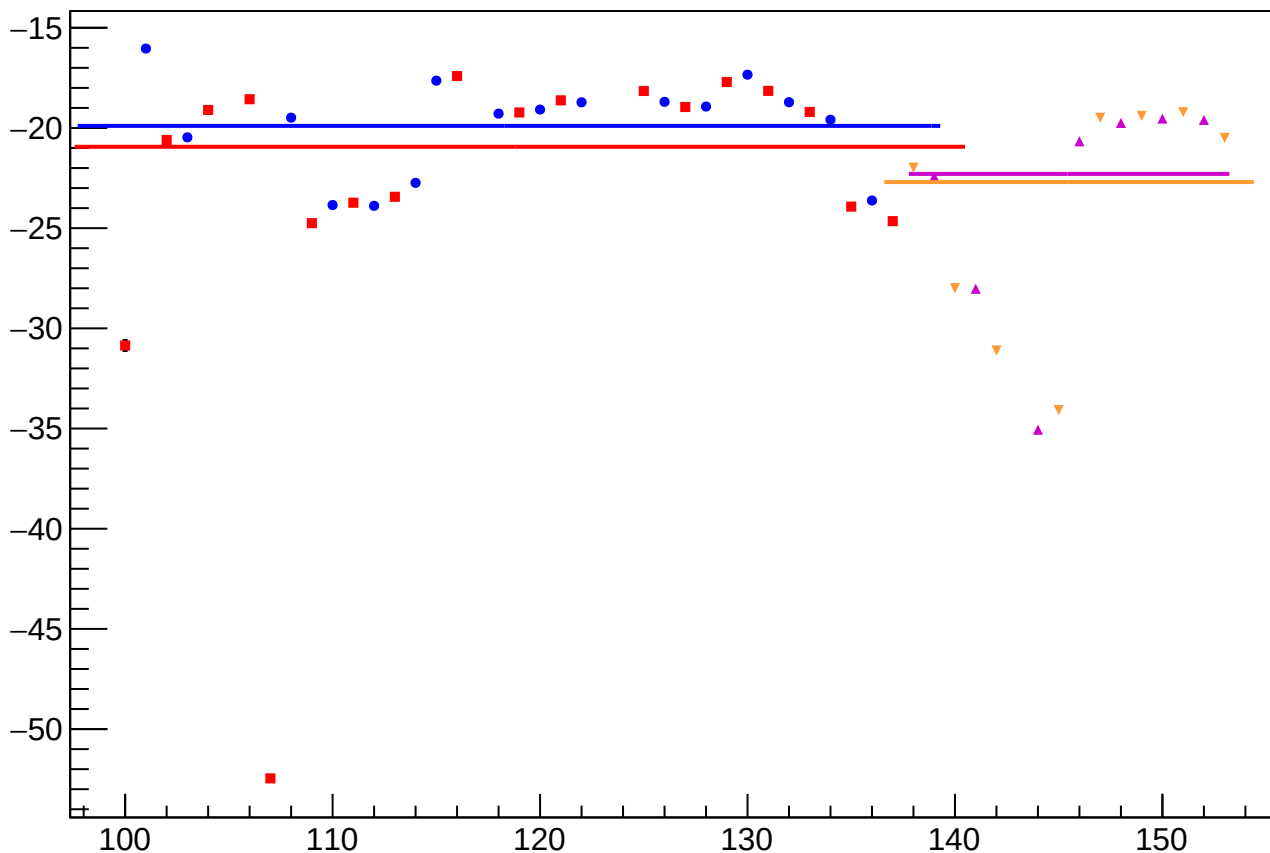
Right: 4.313 $\pm$ 0.180 χ^2 /NDF: 1128.9/33

In: 6.597 $\pm$ 0.192 χ^2 /NDF: 898.4/22

Out: 6.045 $\pm$ 0.192 χ^2 /NDF: 826.7/25

All: 6.322 $\pm$ 0.136 χ^2 /NDF: 1729.2/48

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 $\pm$ 0.016 χ^2 /NDF: 26073.6/15

Left Out: -22.699 $\pm$ 0.015 χ^2 /NDF:108238.6/7

Right Out: -20.938 $\pm$ 0.016 χ^2 /NDF: 94065.2/17

Left In: -22.292 $\pm$ 0.015 χ^2 /NDF:90151.4/6

Left: -22.494 $\pm$ 0.010 χ^2 /NDF: 198772.3/14

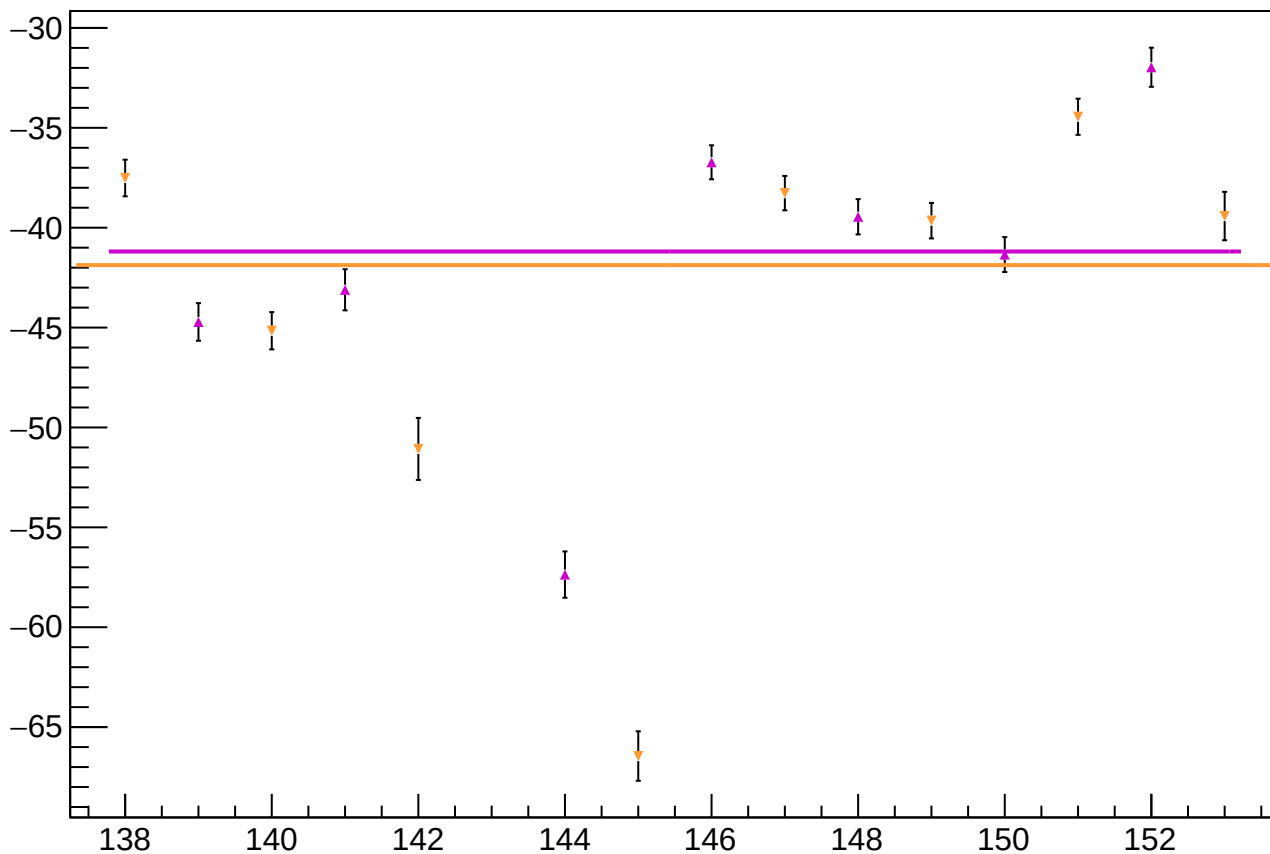
Right: -20.412 $\pm$ 0.011 χ^2 /NDF: 122364.1/33

In: -21.166 $\pm$ 0.011 χ^2 /NDF:128787.9/22

Out: -21.873 $\pm$ 0.011 χ^2 /NDF:208972.3/25

All: -21.517 $\pm$ 0.008 χ^2 /NDF: 339942.2/48

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: -41.873+/-0.355 χ^2/NDF :559.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.191+/-0.357 χ^2/NDF :332.0/6

Left: -41.534+/-0.252 χ^2/NDF : 892.9/14

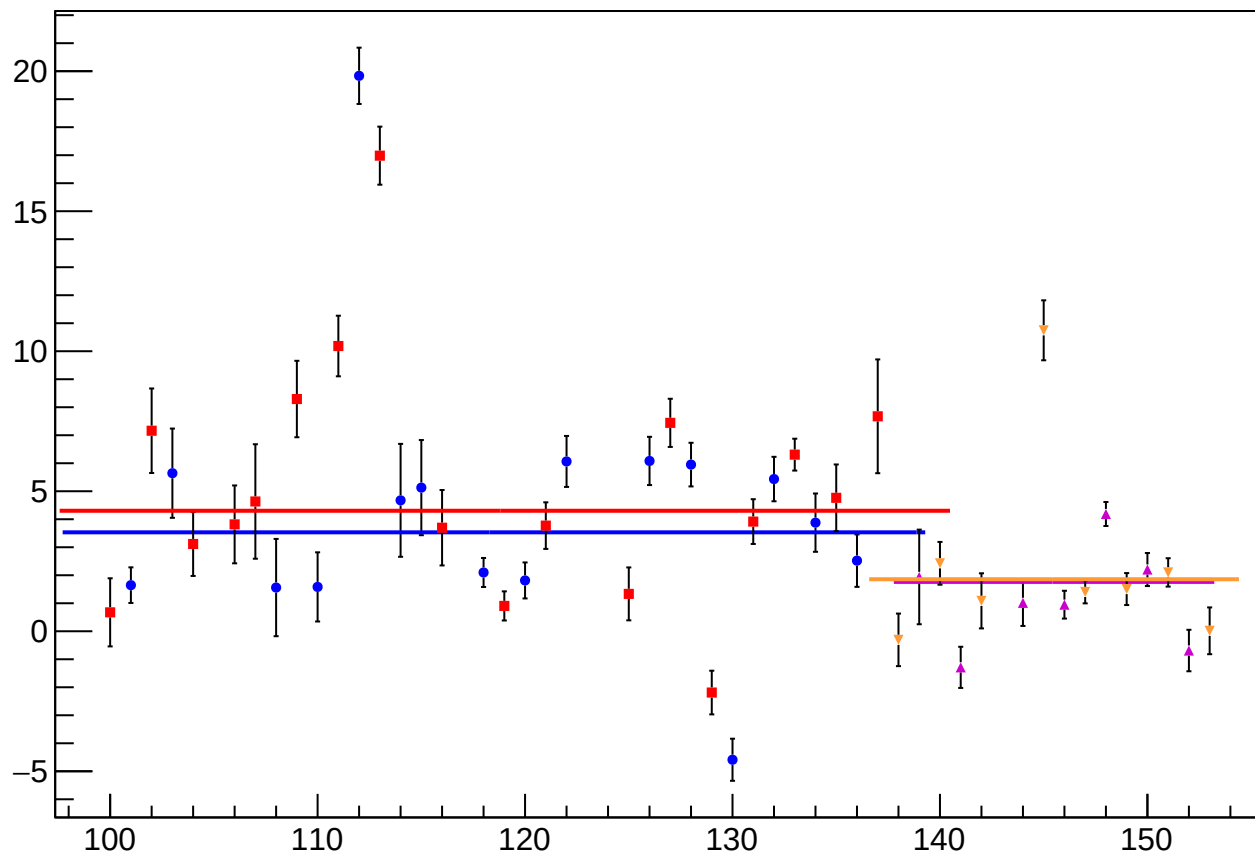
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.191+/-0.357 χ^2/NDF :332.0/6

Out: -41.873+/-0.355 χ^2/NDF :559.0/7

All: -41.534+/-0.252 χ^2/NDF : 892.9/14

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.857 ± 0.229 $\chi^2/\text{NDF}: 82.1/7$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

Left: 1.812 ± 0.164 $\chi^2/\text{NDF}: 146.5/14$

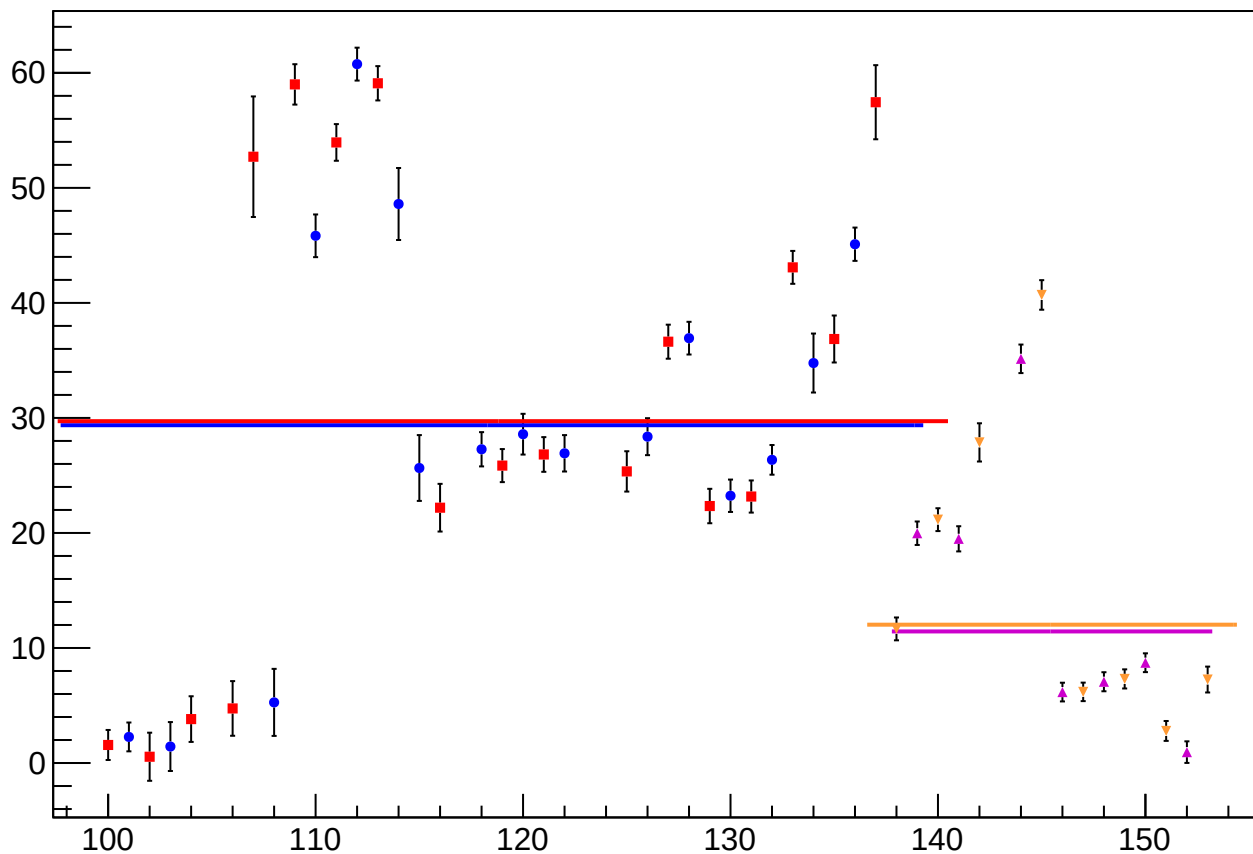
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 2.723 ± 0.160 $\chi^2/\text{NDF}: 537.9/22$

Out: 3.118 ± 0.159 $\chi^2/\text{NDF}: 494.0/25$

All: 2.922 ± 0.113 $\chi^2/\text{NDF}: 1034.9/48$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 12.025 $\pm$ 0.351 χ^2 /NDF:890.0/7

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 11.438 $\pm$ 0.353 χ^2 /NDF:695.3/6

Left: 11.733 $\pm$ 0.249 χ^2 /NDF: 1586.7/14

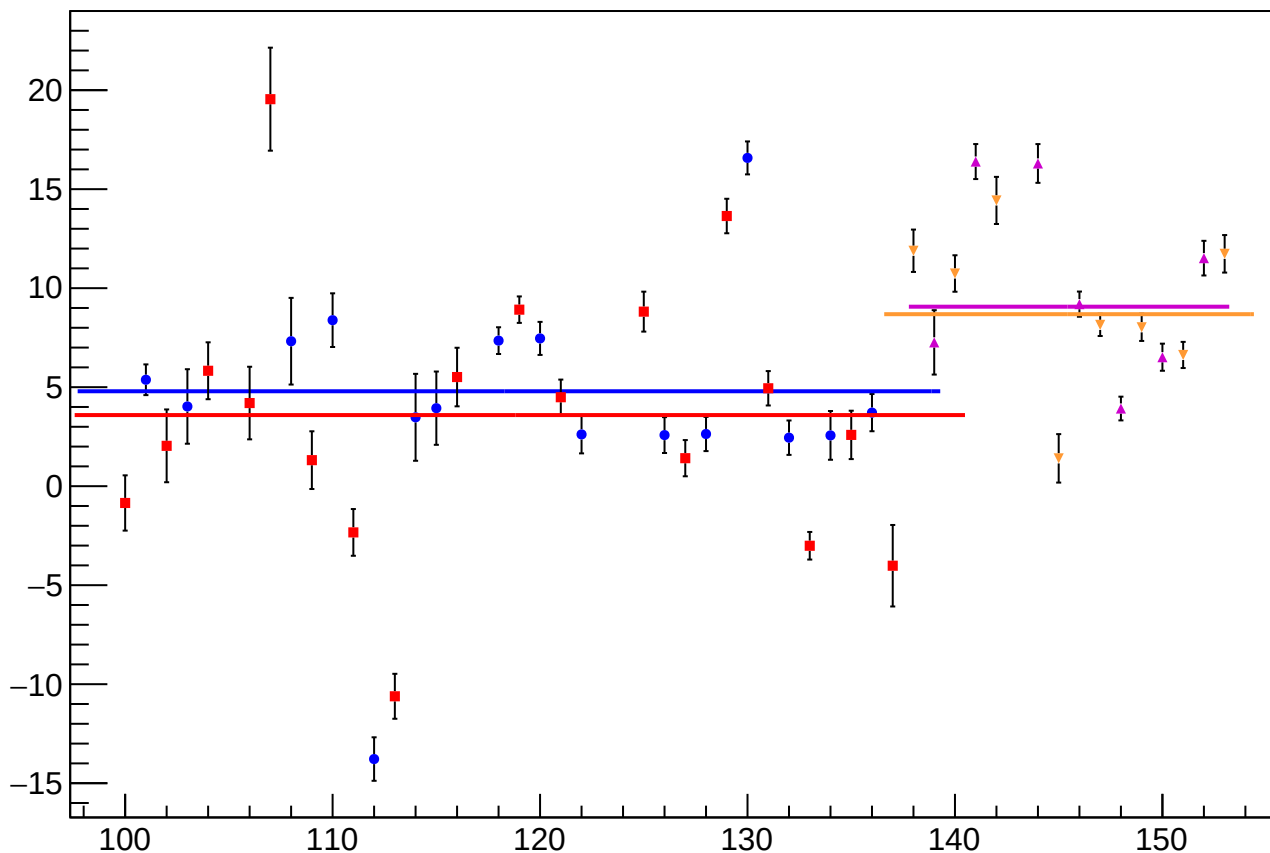
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 18.921 $\pm$ 0.269 χ^2 /NDF:3263.7/22

Out: 19.670 $\pm$ 0.265 χ^2 /NDF:4117.3/25

All: 19.302 $\pm$ 0.189 χ^2 /NDF: 7384.9/48

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 8.686 ± 0.288 $\chi^2/\text{NDF}: 94.6/7$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

Left In: 9.065 ± 0.296 $\chi^2/\text{NDF}: 220.1/6$

Left: 8.870 ± 0.206 $\chi^2/\text{NDF}: 315.5/14$

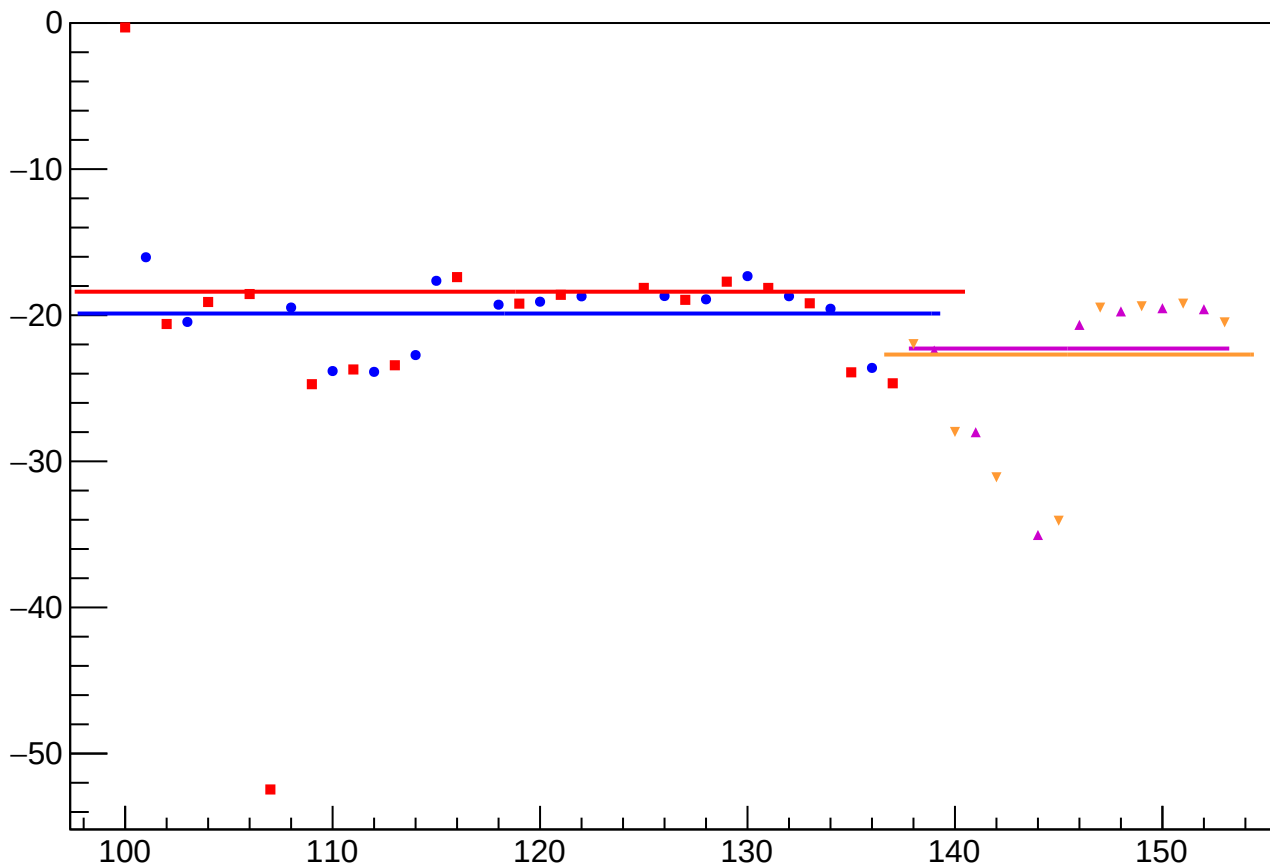
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1134.6/33$

In: 6.580 ± 0.192 $\chi^2/\text{NDF}: 891.1/22$

Out: 5.829 ± 0.191 $\chi^2/\text{NDF}: 844.0/25$

All: 6.203 ± 0.135 $\chi^2/\text{NDF}: 1742.7/48$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -22.691 ± 0.015 $\chi^2/\text{NDF}: 108298.1/7$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

Left In: -22.280 ± 0.015 $\chi^2/\text{NDF}: 90105.3/6$

Left: -22.484 ± 0.010 $\chi^2/\text{NDF}: 198793.1/14$

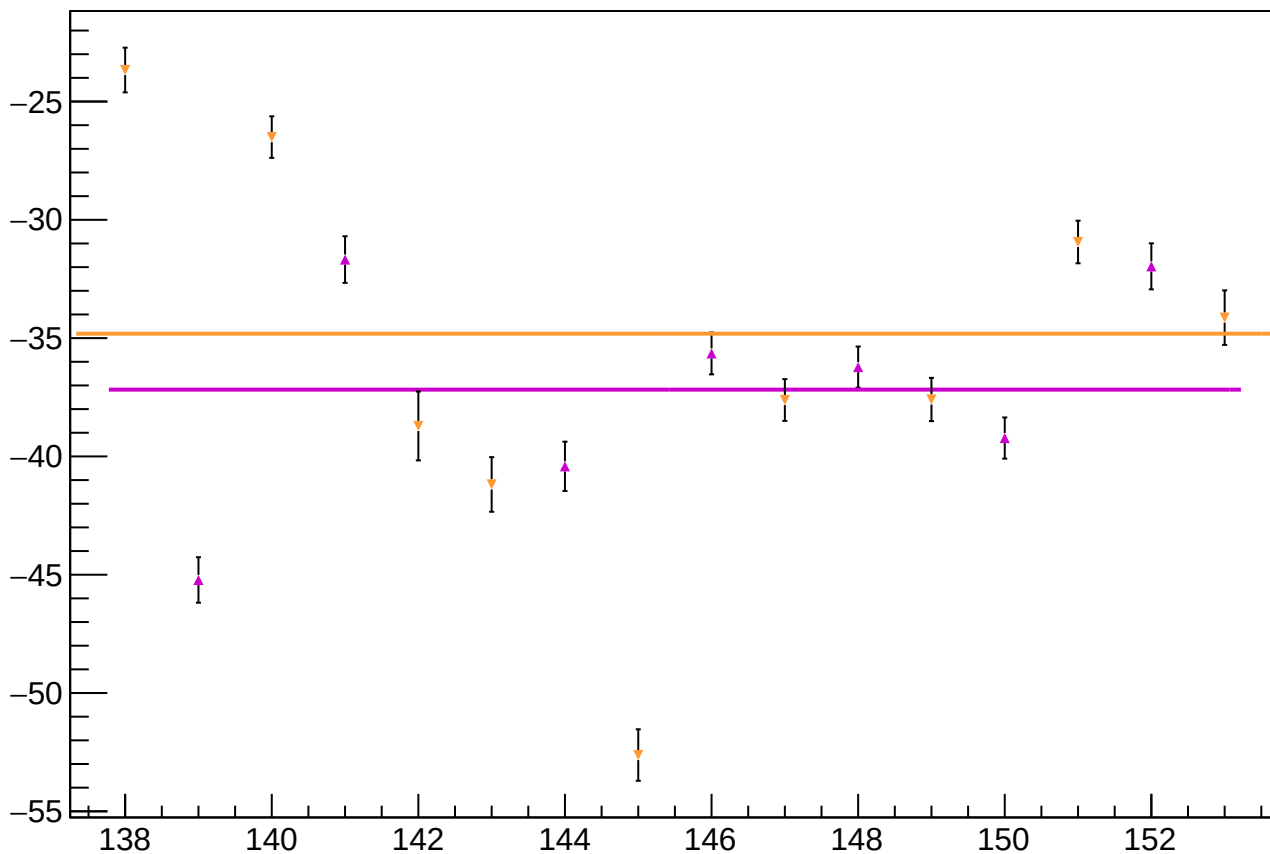
Right: -19.096 ± 0.011 $\chi^2/\text{NDF}: 332167.8/33$

In: -21.154 ± 0.011 $\chi^2/\text{NDF}: 128751.0/22$

Out: -20.538 ± 0.010 $\chi^2/\text{NDF}: 452086.8/25$

All: -20.839 ± 0.007 $\chi^2/\text{NDF}: 582540.8/48$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.812+/-0.334 χ^2/NDF :571.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.177+/-0.353 χ^2/NDF :149.1/6

Left: -35.929+/-0.243 χ^2/NDF : 744.7/15

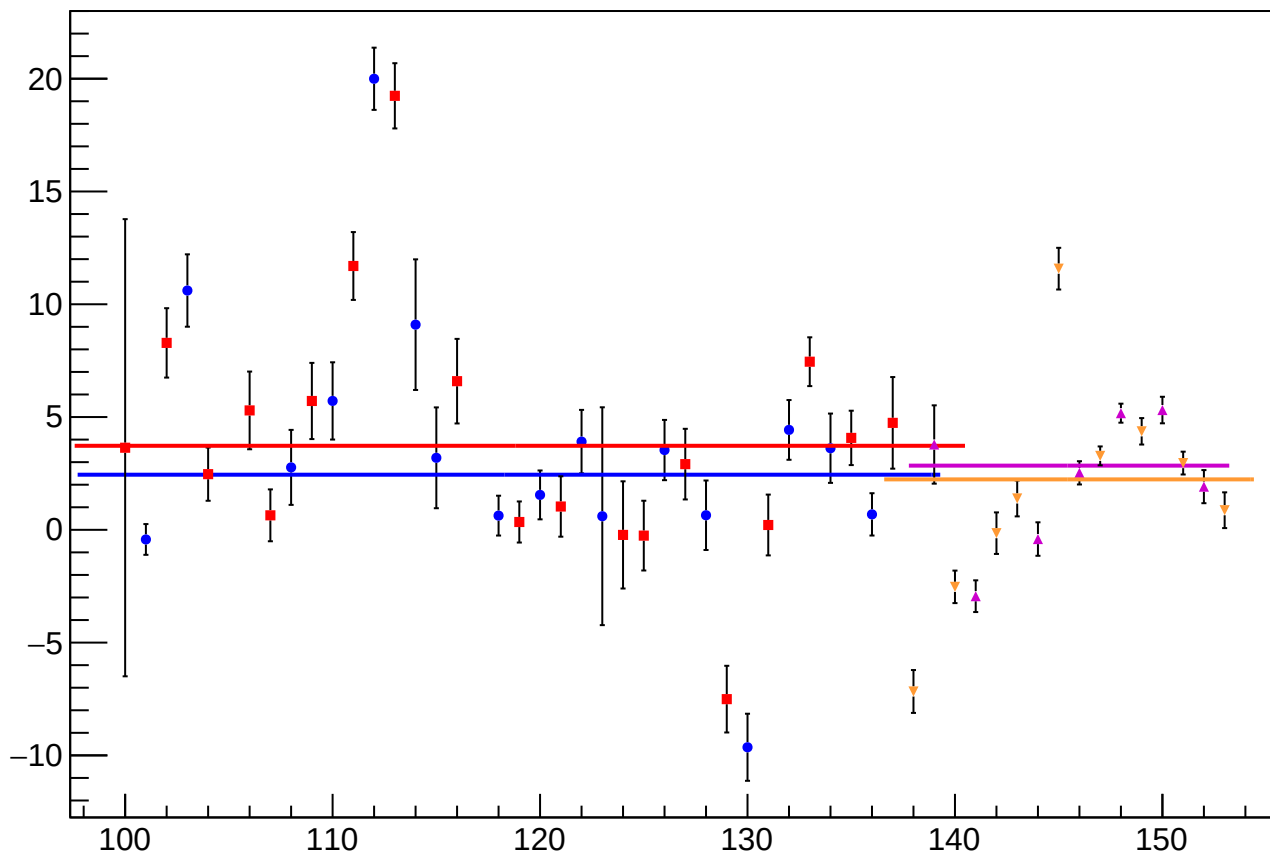
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.177+/-0.353 χ^2/NDF :149.1/6

Out: -34.812+/-0.334 χ^2/NDF :571.9/8

All: -35.929+/-0.243 χ^2/NDF : 744.7/15

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 2.236 ± 0.218 χ^2/NDF : 276.0/8

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

Left In: 2.846 ± 0.234 χ^2/NDF : 137.3/6

Left: 2.520 ± 0.159 χ^2/NDF : 417.0/15

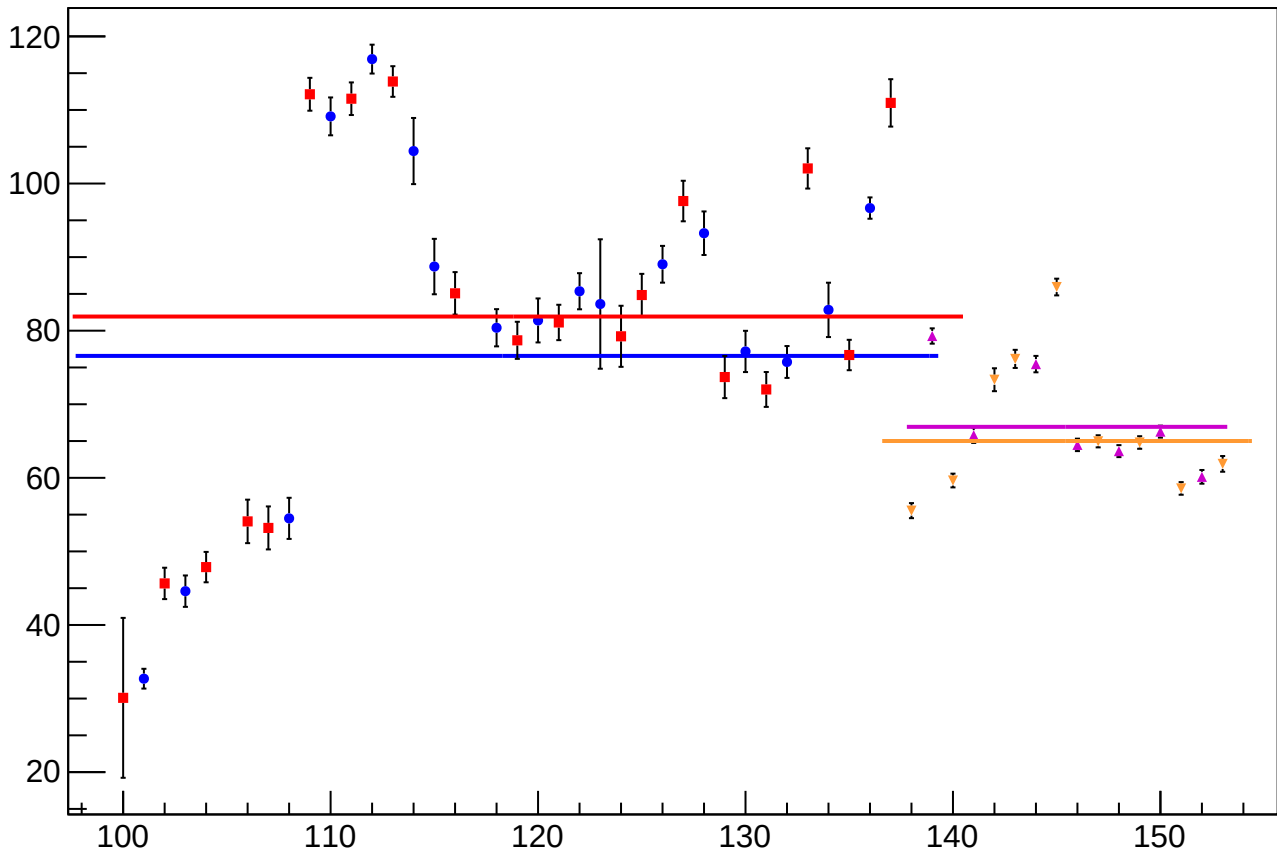
Right: 3.053 ± 0.225 χ^2/NDF : 572.5/35

In: 2.701 ± 0.187 χ^2/NDF : 433.7/23

Out: 2.694 ± 0.181 χ^2/NDF : 559.5/27

All: 2.697 ± 0.130 χ^2/NDF : 993.2/51

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 65.006 $\pm$ 0.333 χ^2 /NDF: 632.4/8

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

Left In: 66.930 $\pm$ 0.349 χ^2 /NDF: 278.9/6

Left: 65.923 $\pm$ 0.241 χ^2 /NDF: 927.2/15

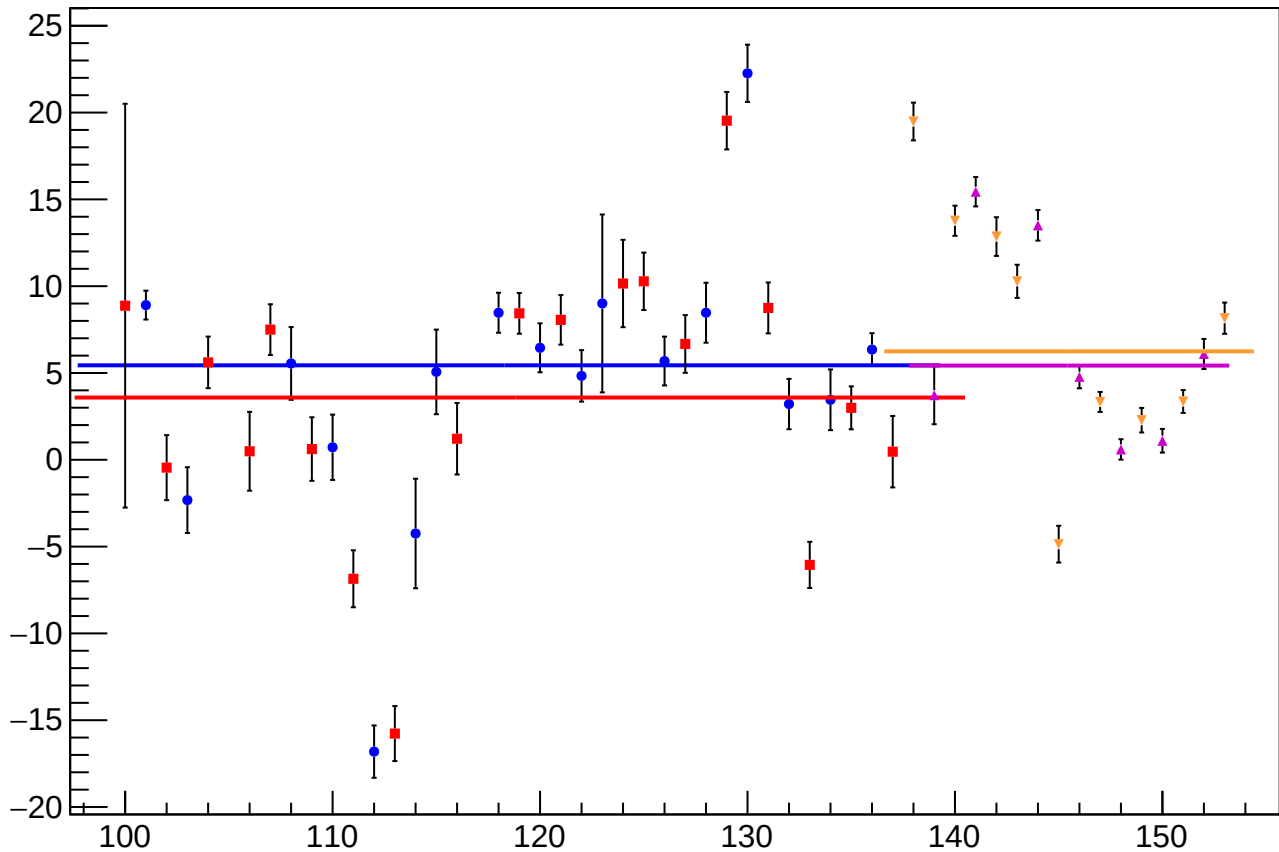
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 69.539 $\pm$ 0.298 χ^2 /NDF: 2738.8/23

Out: 69.075 $\pm$ 0.290 χ^2 /NDF: 2823.4/27

All: 69.301 $\pm$ 0.208 χ^2 /NDF: 5563.4/51

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 $\pm$ 0.357 χ^2 /NDF: 387.5/16

Left Out: 6.247 $\pm$ 0.272 χ^2 /NDF: 466.8/8

Right Out: 3.585 $\pm$ 0.375 χ^2 /NDF: 423.2/18

Left In: 5.426 $\pm$ 0.292 χ^2 /NDF: 334.5/6

Left: 5.866 $\pm$ 0.199 χ^2 /NDF: 805.5/15

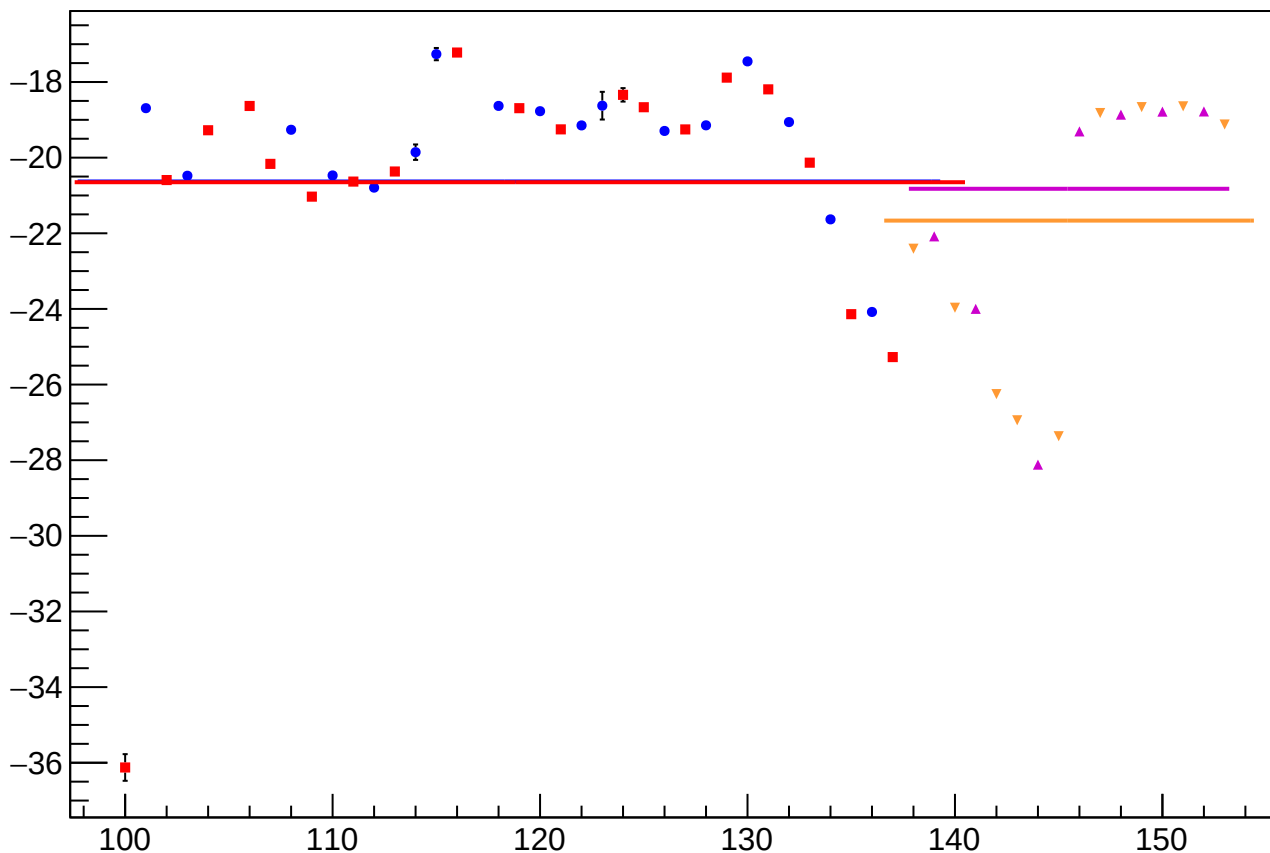
Right: 4.559 $\pm$ 0.259 χ^2 /NDF: 823.5/35

In: 5.432 $\pm$ 0.226 χ^2 /NDF: 721.9/23

Out: 5.330 $\pm$ 0.220 χ^2 /NDF: 923.0/27

All: 5.380 $\pm$ 0.158 χ^2 /NDF: 1645.0/51

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF : 12490.5/16

Left Out: -21.664+/-0.014 χ^2/NDF : 59318.5/8

Right Out: -20.650+/-0.019 χ^2/NDF : 13885.7/18

Left In: -20.823+/-0.015 χ^2/NDF : 40279.4/6

Left: -21.262+/-0.010 χ^2/NDF : 101347.7/15

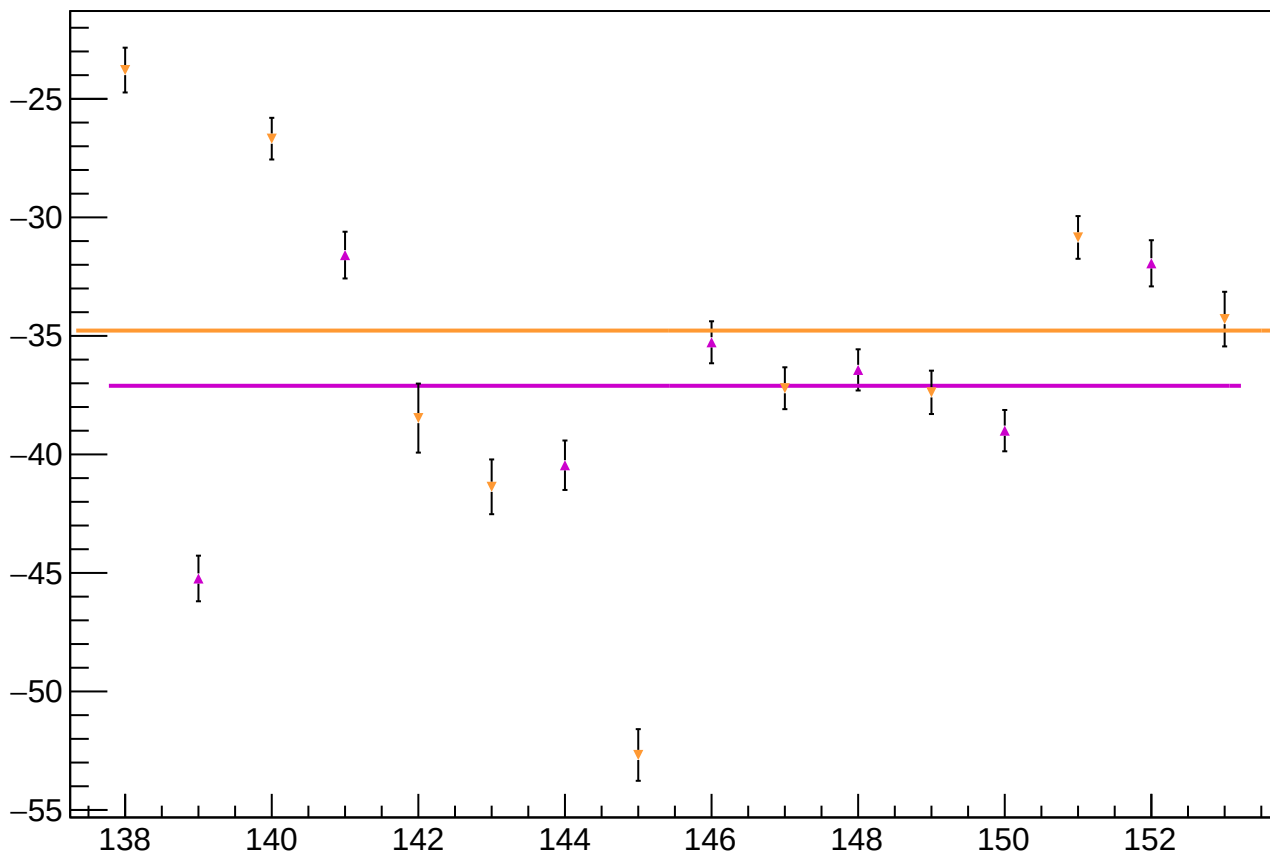
Right: -20.640+/-0.014 χ^2/NDF : 26376.6/35

In: -20.753+/-0.012 χ^2/NDF : 52833.8/23

Out: -21.320+/-0.011 χ^2/NDF : 75007.3/27

All: -21.044+/-0.008 χ^2/NDF : 129065.9/51

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.775+/-0.334 χ^2/NDF :563.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.105+/-0.354 χ^2/NDF :150.7/6

Left: -35.875+/-0.243 χ^2/NDF : 737.5/15

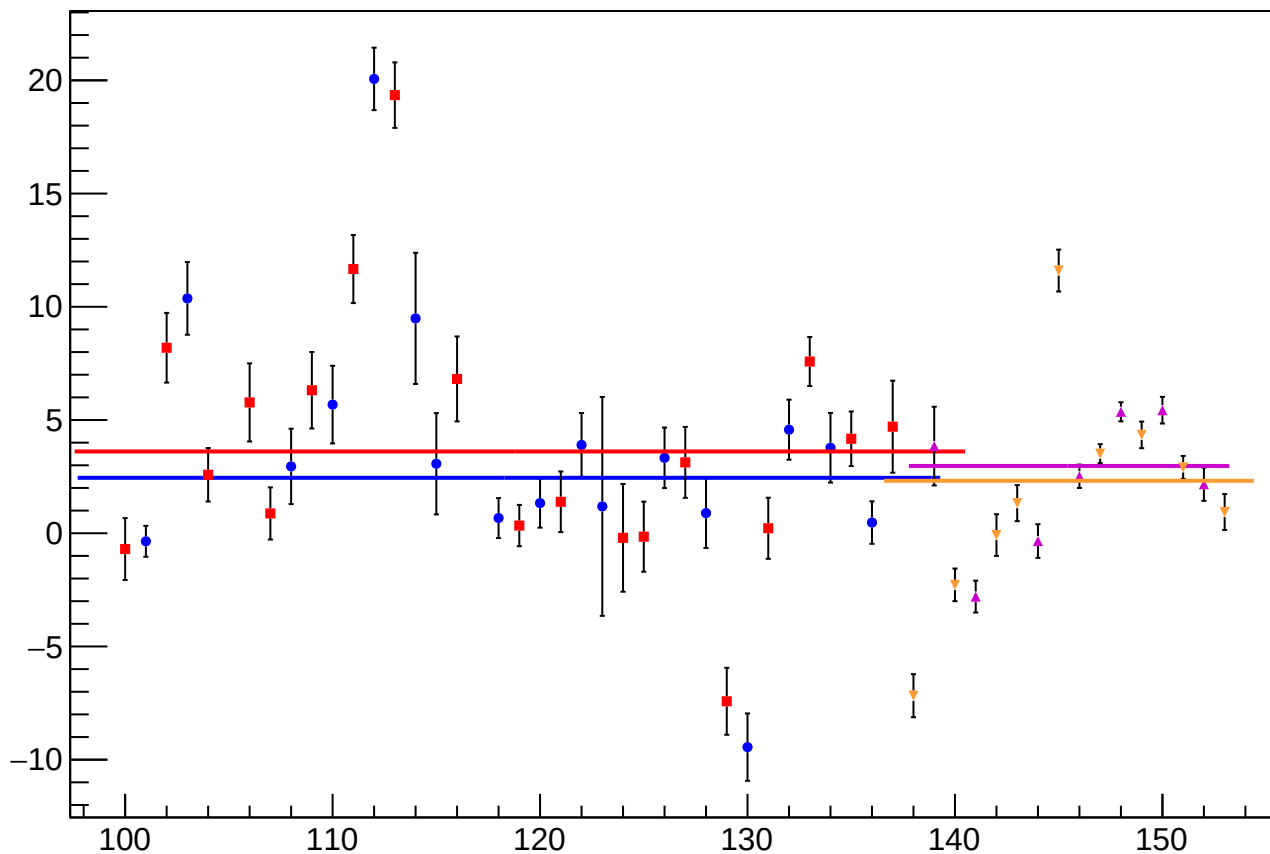
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.105+/-0.354 χ^2/NDF :150.7/6

Out: -34.775+/-0.334 χ^2/NDF :563.9/8

All: -35.875+/-0.243 χ^2/NDF : 737.5/15

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.316 ± 0.218 χ^2/NDF : 273.8/8

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

Left In: 2.972 ± 0.234 χ^2/NDF : 139.1/6

Left: 2.621 ± 0.159 χ^2/NDF : 417.1/15

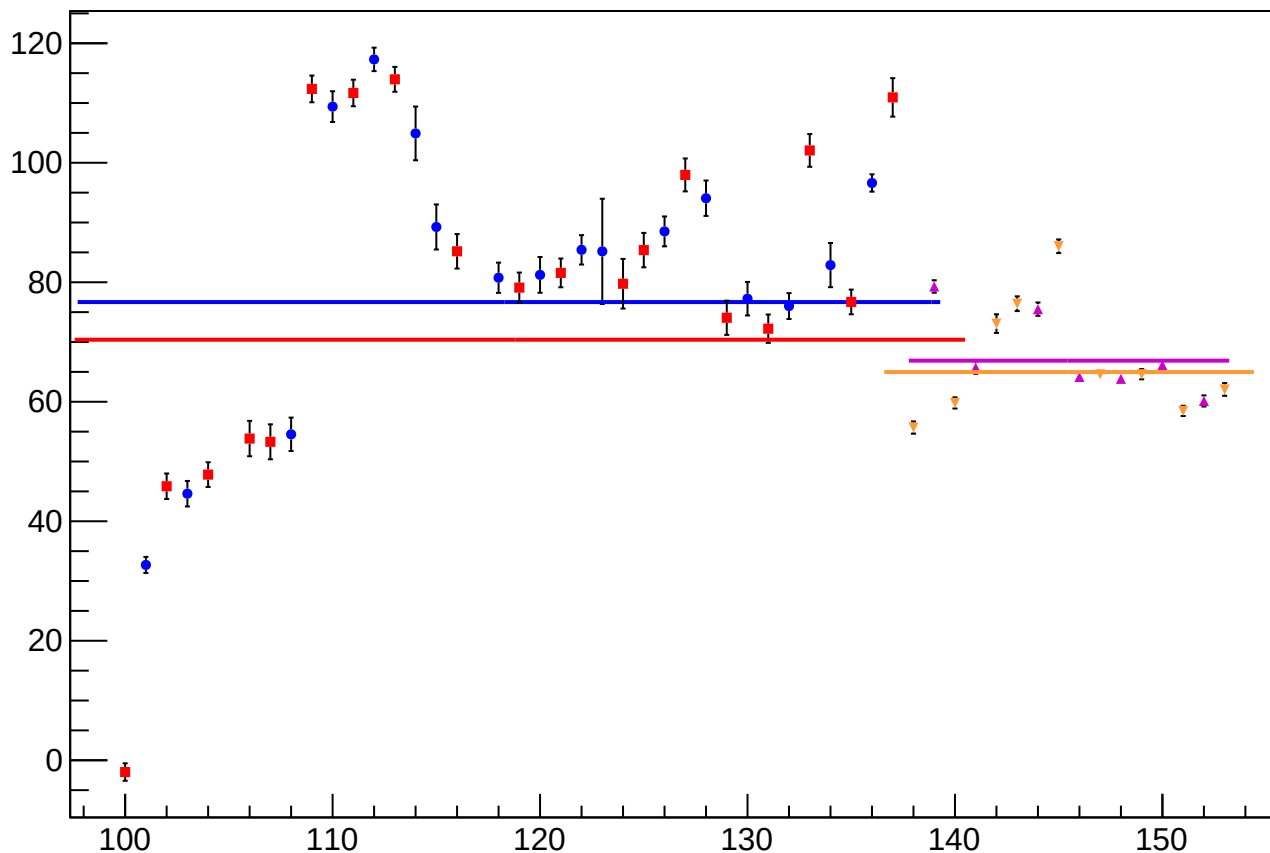
Right: 3.017 ± 0.223 χ^2/NDF : 579.6/35

In: 2.783 ± 0.187 χ^2/NDF : 434.3/23

Out: 2.729 ± 0.180 χ^2/NDF : 564.5/27

All: 2.755 ± 0.130 χ^2/NDF : 998.8/51

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 64.974 $\pm$ 0.333 χ^2 /NDF: 632.9/8

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 66.882 $\pm$ 0.349 χ^2 /NDF: 280.5/6

Left: 65.883 $\pm$ 0.241 χ^2 /NDF: 929.0/15

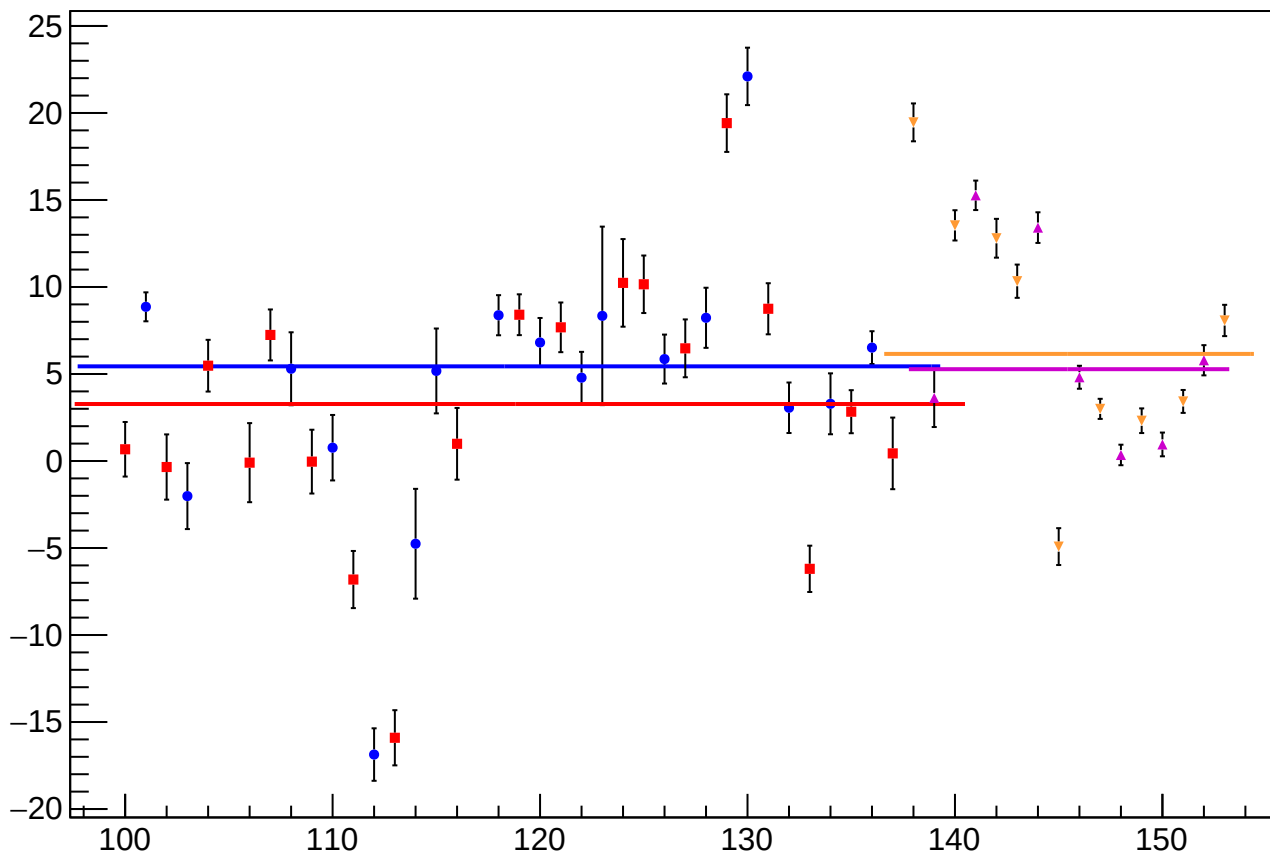
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 69.535 $\pm$ 0.298 χ^2 /NDF: 2758.7/23

Out: 66.429 $\pm$ 0.285 χ^2 /NDF: 5094.9/27

All: 67.911 $\pm$ 0.206 χ^2 /NDF: 7910.3/51

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.154 ± 0.272 $\chi^2/\text{NDF}: 466.5/8$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

Left In: 5.276 ± 0.293 $\chi^2/\text{NDF}: 336.5/6$

Left: 5.747 ± 0.199 $\chi^2/\text{NDF}: 807.9/15$

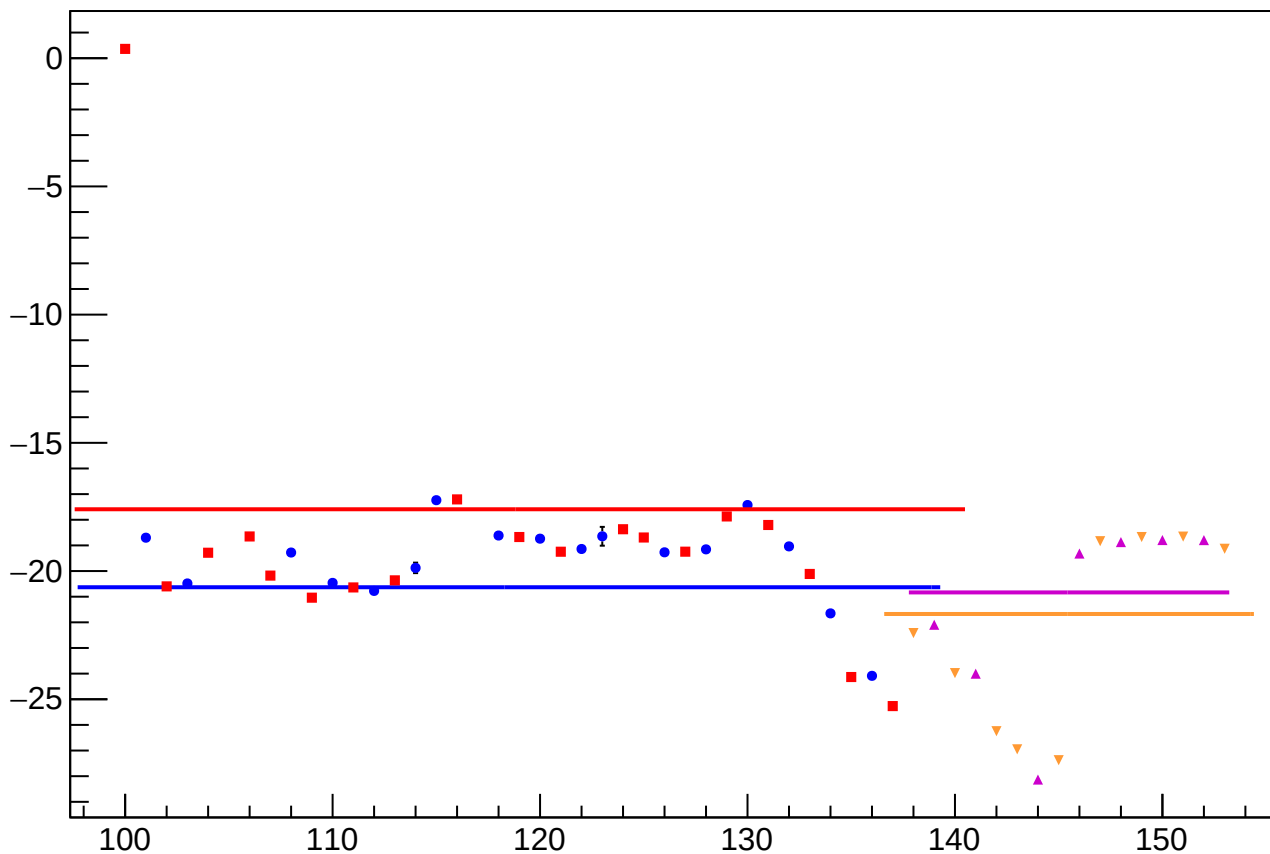
Right: 4.381 ± 0.256 $\chi^2/\text{NDF}: 829.6/35$

In: 5.342 ± 0.226 $\chi^2/\text{NDF}: 722.6/23$

Out: 5.126 ± 0.218 $\chi^2/\text{NDF}: 932.3/27$

All: 5.230 ± 0.157 $\chi^2/\text{NDF}: 1655.3/51$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -21.675 ± 0.014 $\chi^2/\text{NDF}: 59177.8/8$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

Left In: -20.833 ± 0.015 $\chi^2/\text{NDF}: 40234.1/6$

Left: -21.272 ± 0.010 $\chi^2/\text{NDF}: 101159.3/15$

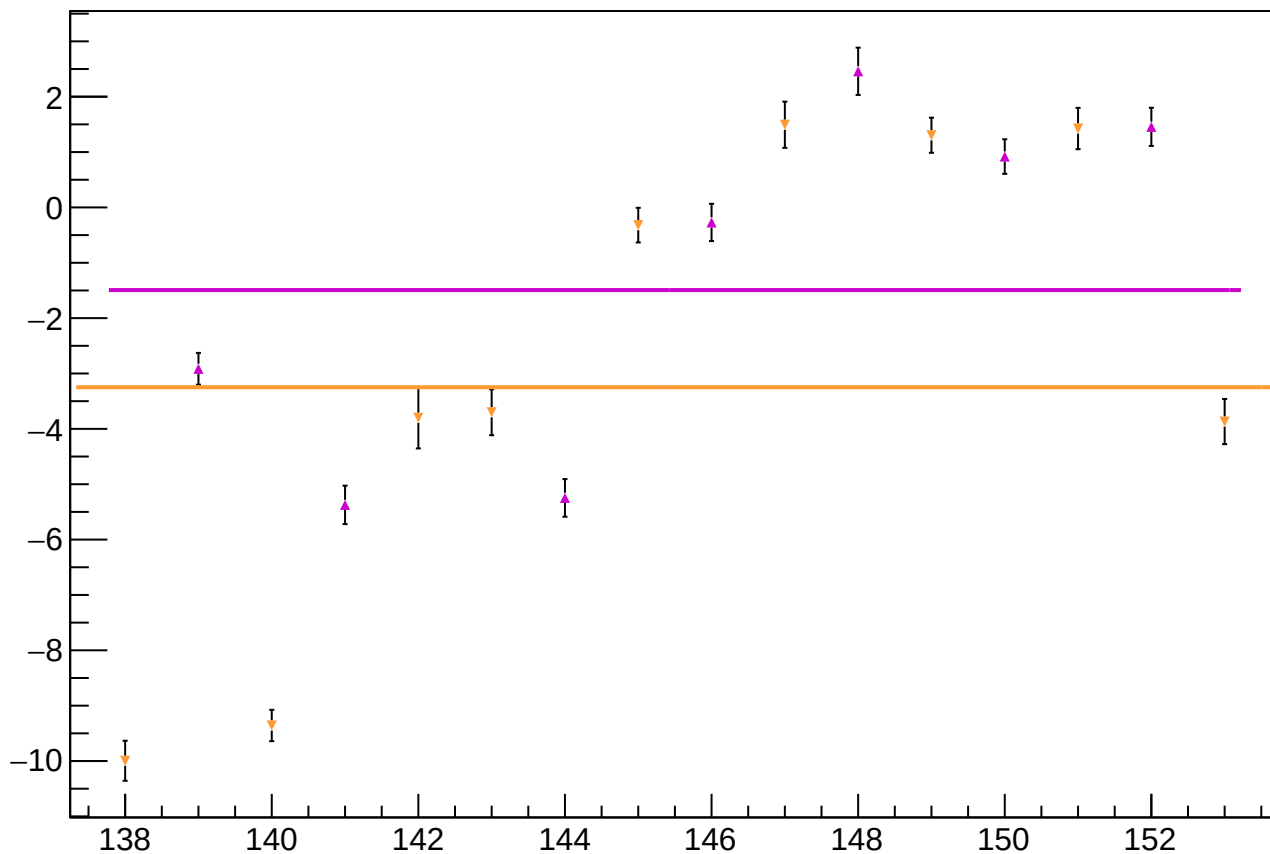
Right: -19.007 ± 0.013 $\chi^2/\text{NDF}: 204486.4/35$

In: -20.760 ± 0.012 $\chi^2/\text{NDF}: 52834.9/23$

Out: -20.148 ± 0.011 $\chi^2/\text{NDF}: 270035.5/27$

All: -20.438 ± 0.008 $\chi^2/\text{NDF}: 324337.0/51$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.248+/-0.121 χ^2/NDF :1398.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.493+/-0.127 χ^2/NDF :502.8/6

Left: -2.413+/-0.088 χ^2/NDF : 2001.7/15

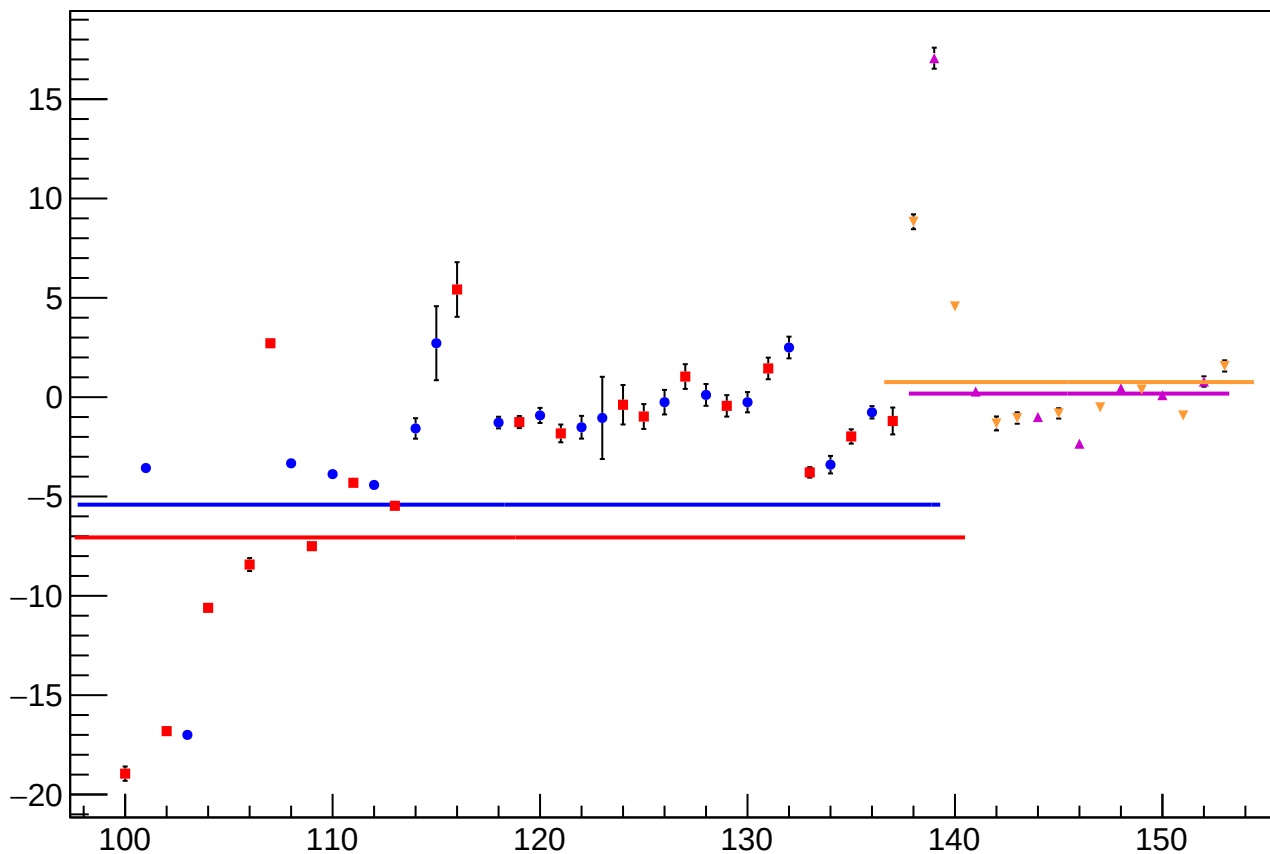
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.493+/-0.127 χ^2/NDF :502.8/6

Out: -3.248+/-0.121 χ^2/NDF :1398.8/8

All: -2.413+/-0.088 χ^2/NDF : 2001.7/15

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.760 ± 0.084 χ^2/NDF : 947.7/8

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

Left In: 0.180 ± 0.092 χ^2/NDF : 1188.7/6

Left: 0.496 ± 0.062 χ^2/NDF : 2158.0/15

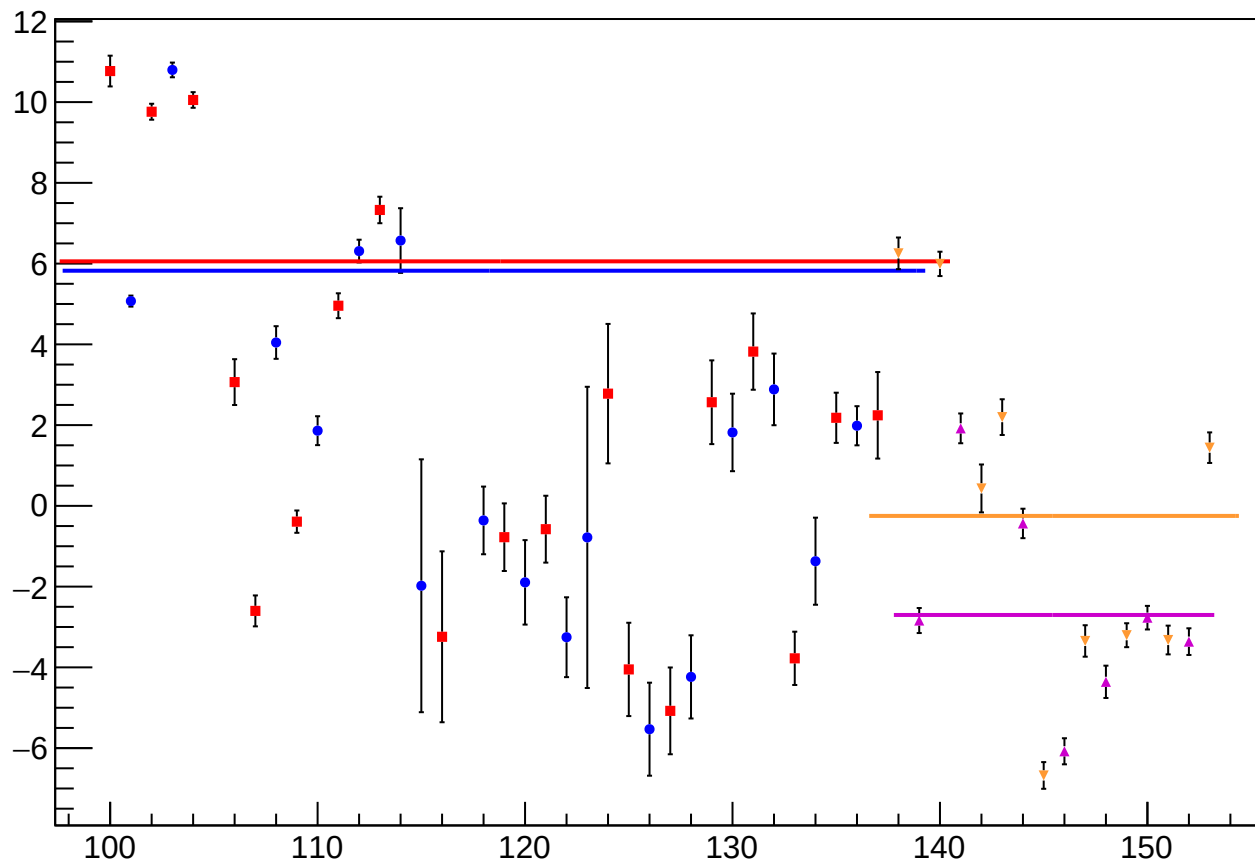
Right: -6.173 ± 0.040 χ^2/NDF : 22010.3/35

In: -3.951 ± 0.047 χ^2/NDF : 13173.3/23

Out: -4.473 ± 0.048 χ^2/NDF : 19080.1/27

All: -4.206 ± 0.034 χ^2/NDF : 32313.4/51

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: -0.249 ± 0.122 $\chi^2/\text{NDF}: 1370.5/8$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -2.702 ± 0.127 $\chi^2/\text{NDF}: 326.3/6$

Left: -1.424 ± 0.088 $\chi^2/\text{NDF}: 1891.2/15$

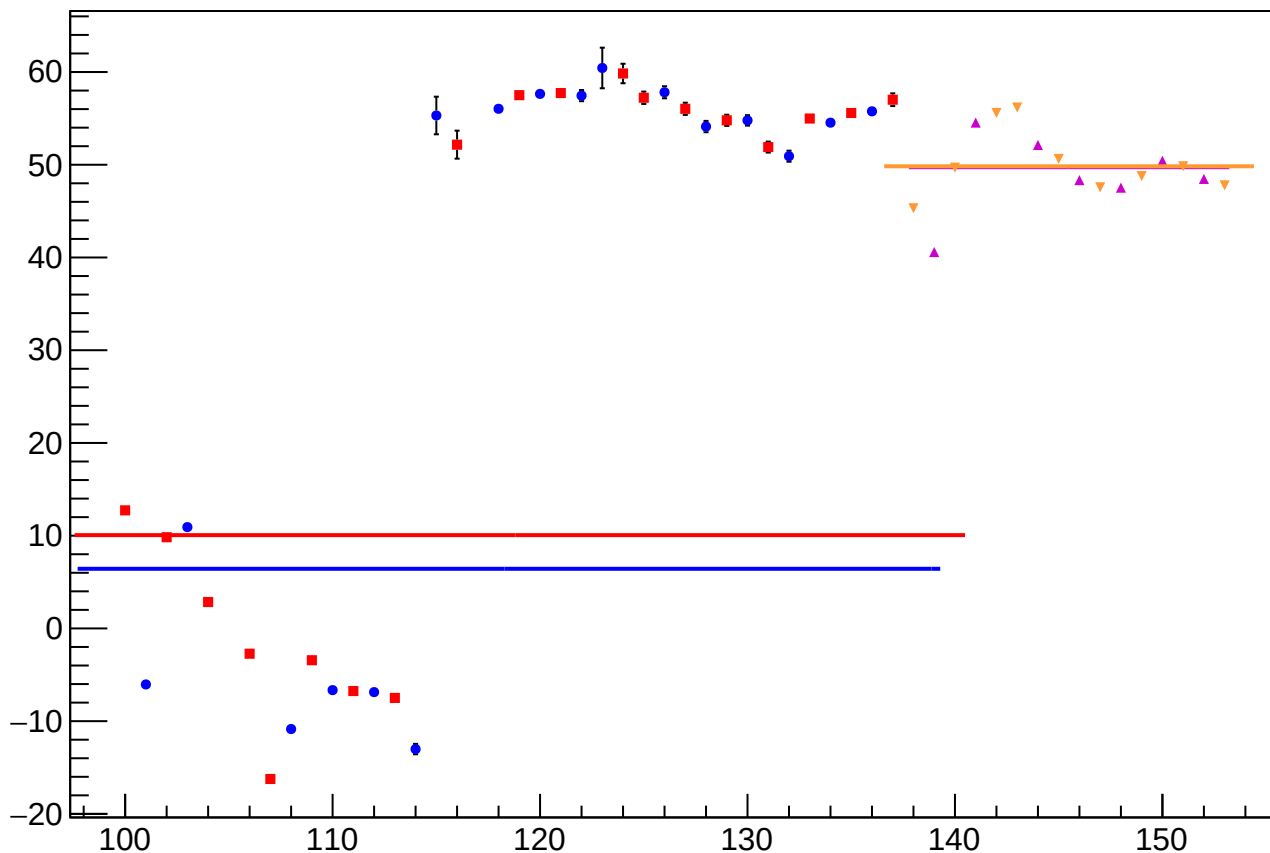
Right: 5.935 ± 0.065 $\chi^2/\text{NDF}: 4124.7/35$

In: 2.991 ± 0.073 $\chi^2/\text{NDF}: 4788.3/23$

Out: 3.723 ± 0.074 $\chi^2/\text{NDF}: 5728.5/27$

All: 3.353 ± 0.052 $\chi^2/\text{NDF}: 10566.3/51$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 ± 0.065 $\chi^2/\text{NDF}: 123486.3/16$

Left Out: 49.835 ± 0.102 $\chi^2/\text{NDF}: 772.5/8$

Right Out: 10.060 ± 0.070 $\chi^2/\text{NDF}: 121816.0/18$

Left In: 49.737 ± 0.112 $\chi^2/\text{NDF}: 759.8/6$

Left: 49.790 ± 0.075 $\chi^2/\text{NDF}: 1532.8/15$

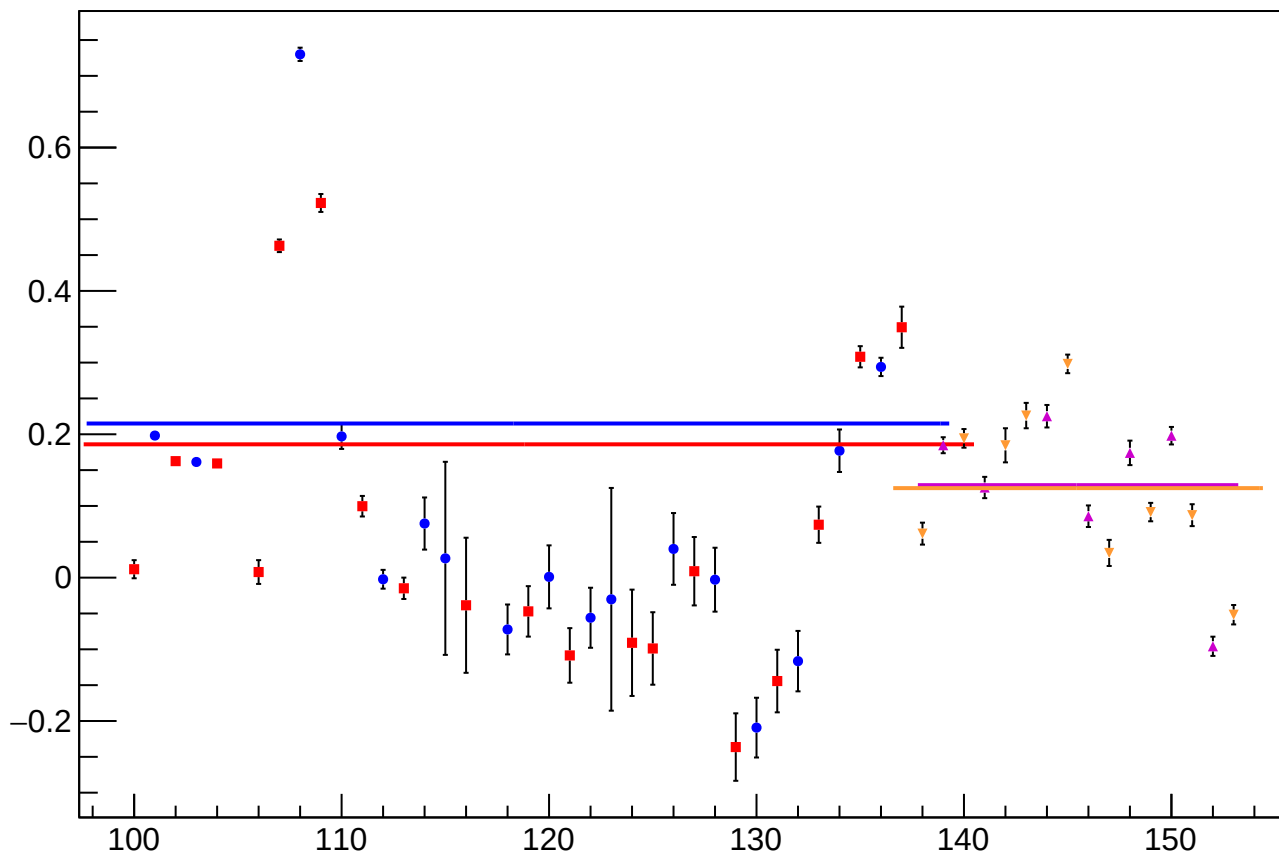
Right: 8.110 ± 0.047 $\chi^2/\text{NDF}: 246756.9/35$

In: 17.328 ± 0.056 $\chi^2/\text{NDF}: 236964.3/23$

Out: 22.660 ± 0.058 $\chi^2/\text{NDF}: 225621.9/27$

All: 19.915 ± 0.040 $\chi^2/\text{NDF}: 466989.5/51$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.125 $\pm$ 0.005 χ^2 /NDF: 470.9/8

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF: 390.6/6

Left: 0.127 $\pm$ 0.004 χ^2 /NDF: 861.9/15

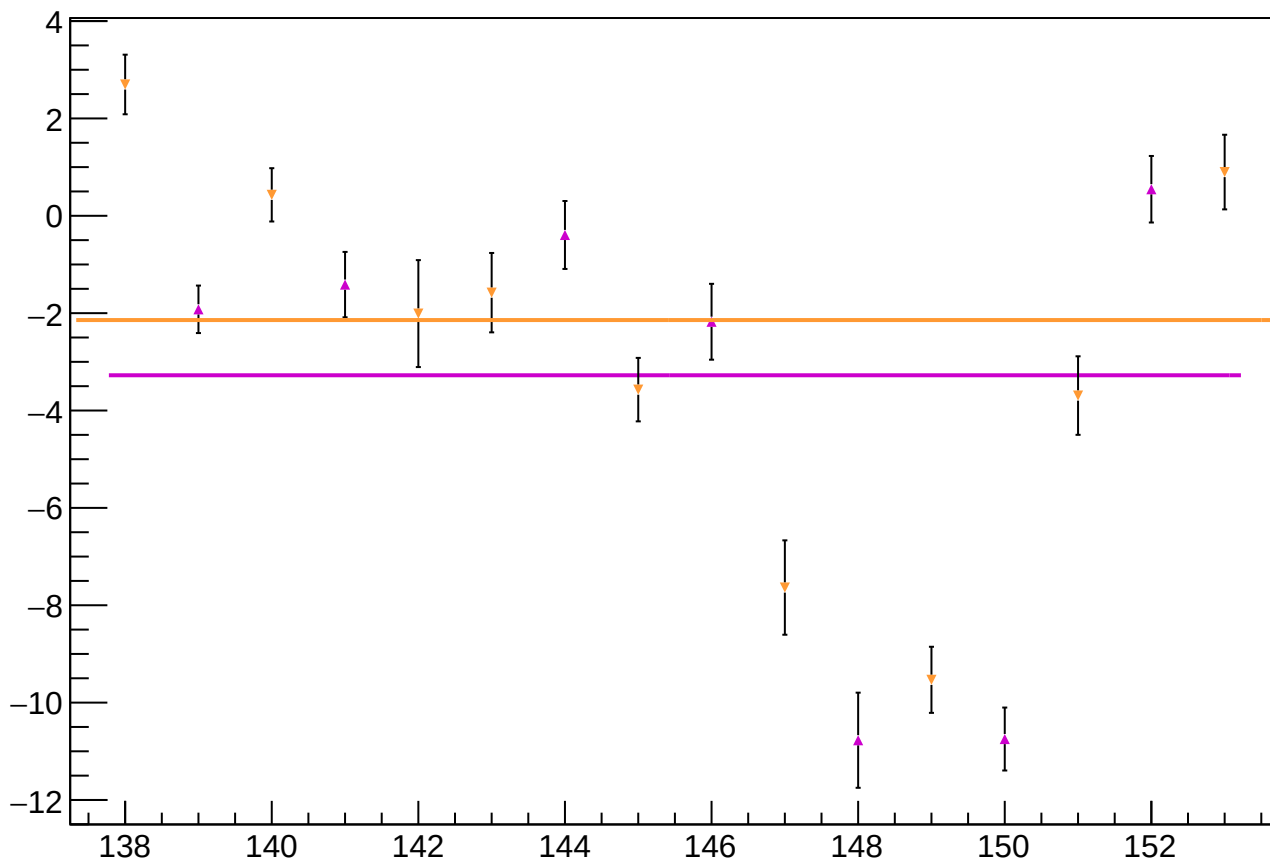
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.196 $\pm$ 0.002 χ^2 /NDF: 4532.7/23

Out: 0.172 $\pm$ 0.002 χ^2 /NDF: 3306.9/27

All: 0.184 $\pm$ 0.002 χ^2 /NDF: 7888.6/51

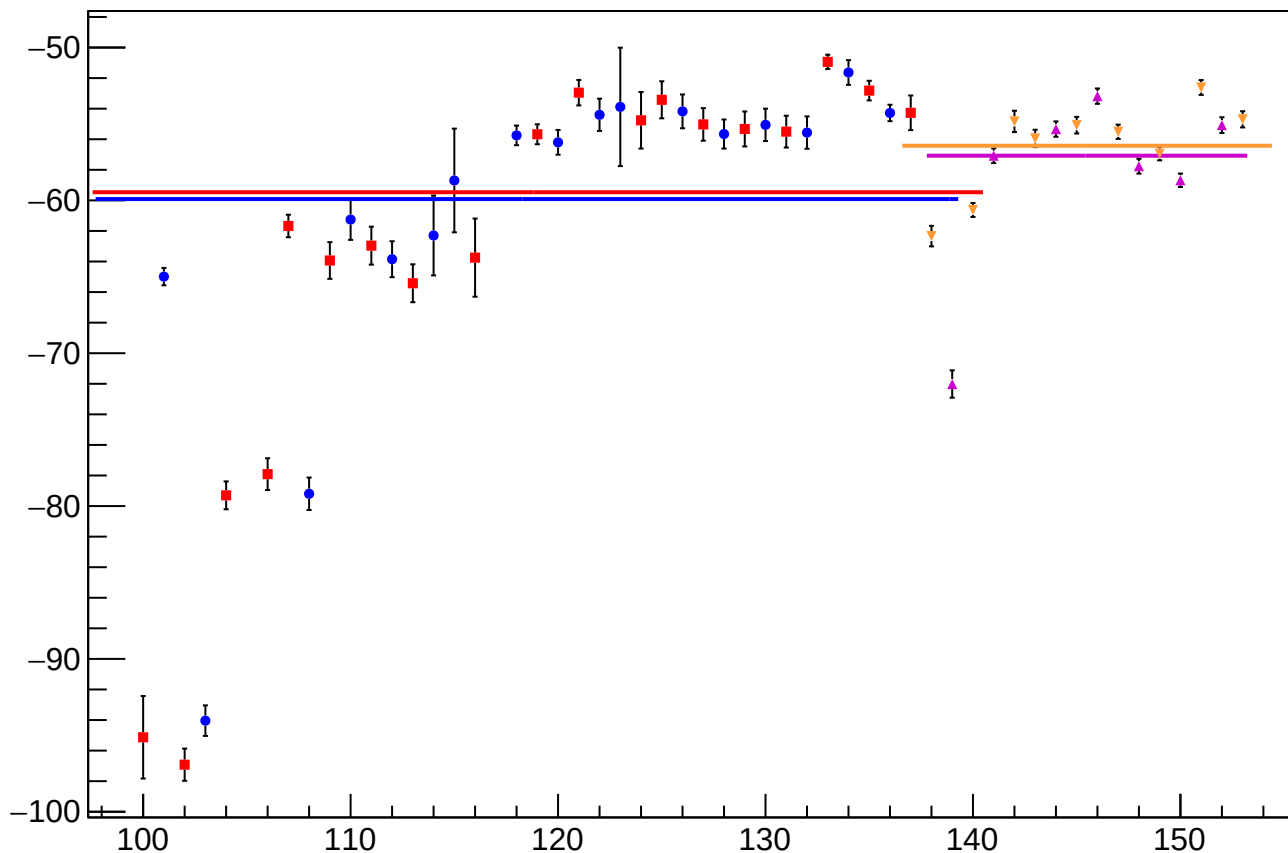
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.142+/-0.241 χ^2/NDF :259.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.276+/-0.252 χ^2/NDF :258.2/6

Left: -2.684+/-0.174 χ^2/NDF : 528.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.276+/-0.252 χ^2/NDF :258.2/6
 Out: -2.142+/-0.241 χ^2/NDF :259.9/8
 All: -2.684+/-0.174 χ^2/NDF : 528.6/15

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -56.425 ± 0.174 χ^2/NDF : 251.1/8

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -57.077 ± 0.194 χ^2/NDF : 381.1/6

Left: -56.716 ± 0.129 χ^2/NDF : 638.5/15

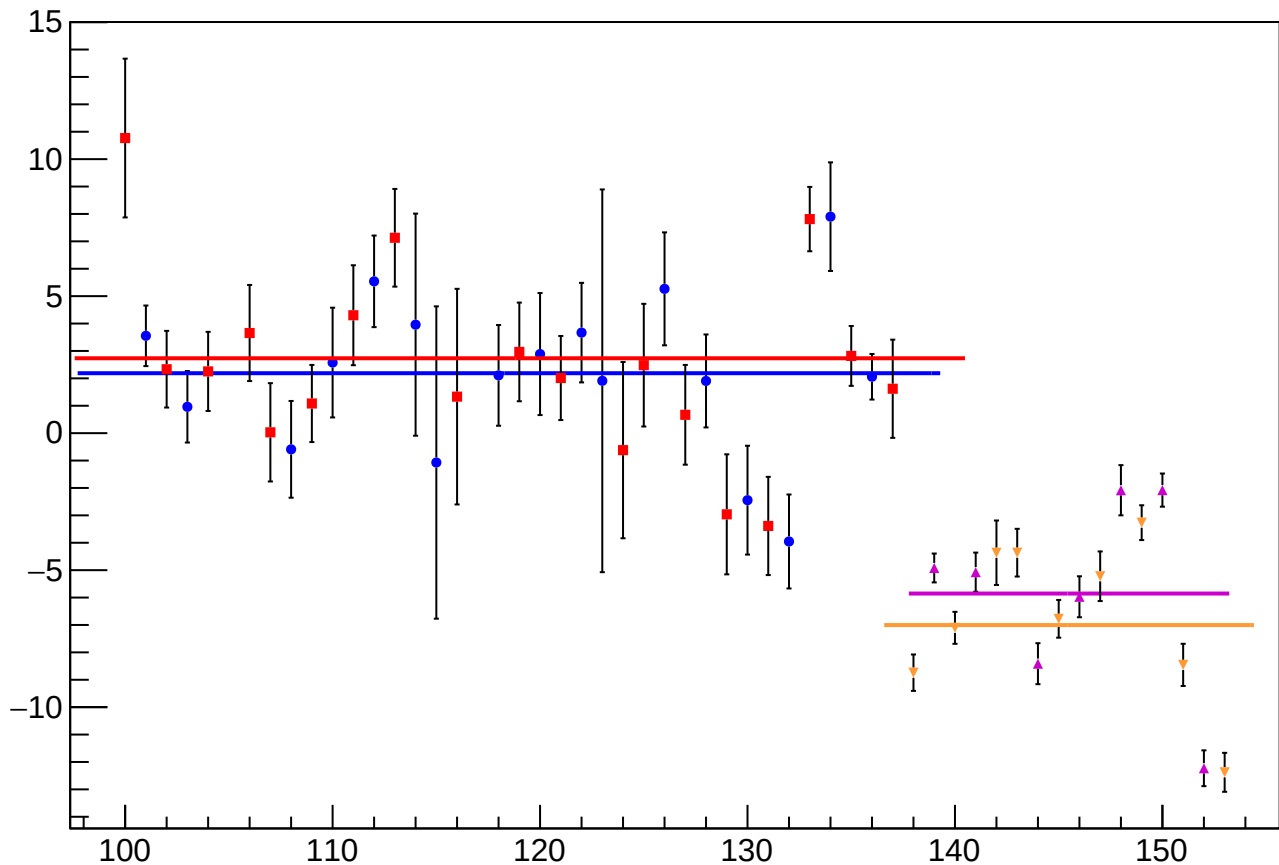
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -58.298 ± 0.146 χ^2/NDF : 2452.8/23

Out: -57.648 ± 0.134 χ^2/NDF : 3286.9/27

All: -57.946 ± 0.099 χ^2/NDF : 5750.4/51

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.004 ± 0.245 $\chi^2/\text{NDF}: 120.4/8$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

Left In: -5.853 ± 0.255 $\chi^2/\text{NDF}: 167.1/6$

Left: -6.452 ± 0.176 $\chi^2/\text{NDF}: 298.1/15$

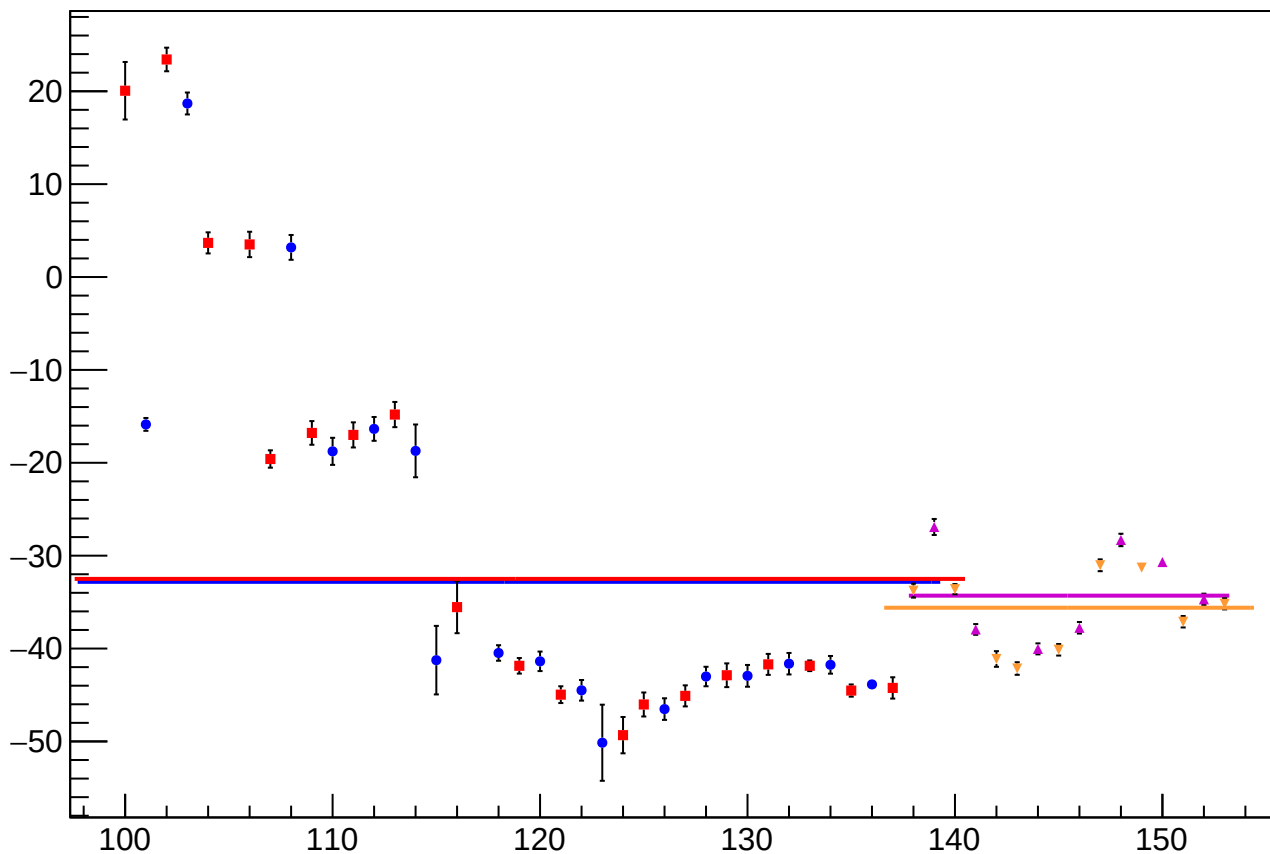
Right: 2.472 ± 0.280 $\chi^2/\text{NDF}: 98.9/35$

In: -3.566 ± 0.215 $\chi^2/\text{NDF}: 489.6/23$

Out: -4.232 ± 0.207 $\chi^2/\text{NDF}: 630.6/27$

All: -3.913 ± 0.149 $\chi^2/\text{NDF}: 1125.2/51$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -35.605 ± 0.210 $\chi^2/\text{NDF}: 332.6/8$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

Left In: -34.304 ± 0.232 $\chi^2/\text{NDF}: 368.5/6$

Left: -35.019 ± 0.156 $\chi^2/\text{NDF}: 718.4/15$

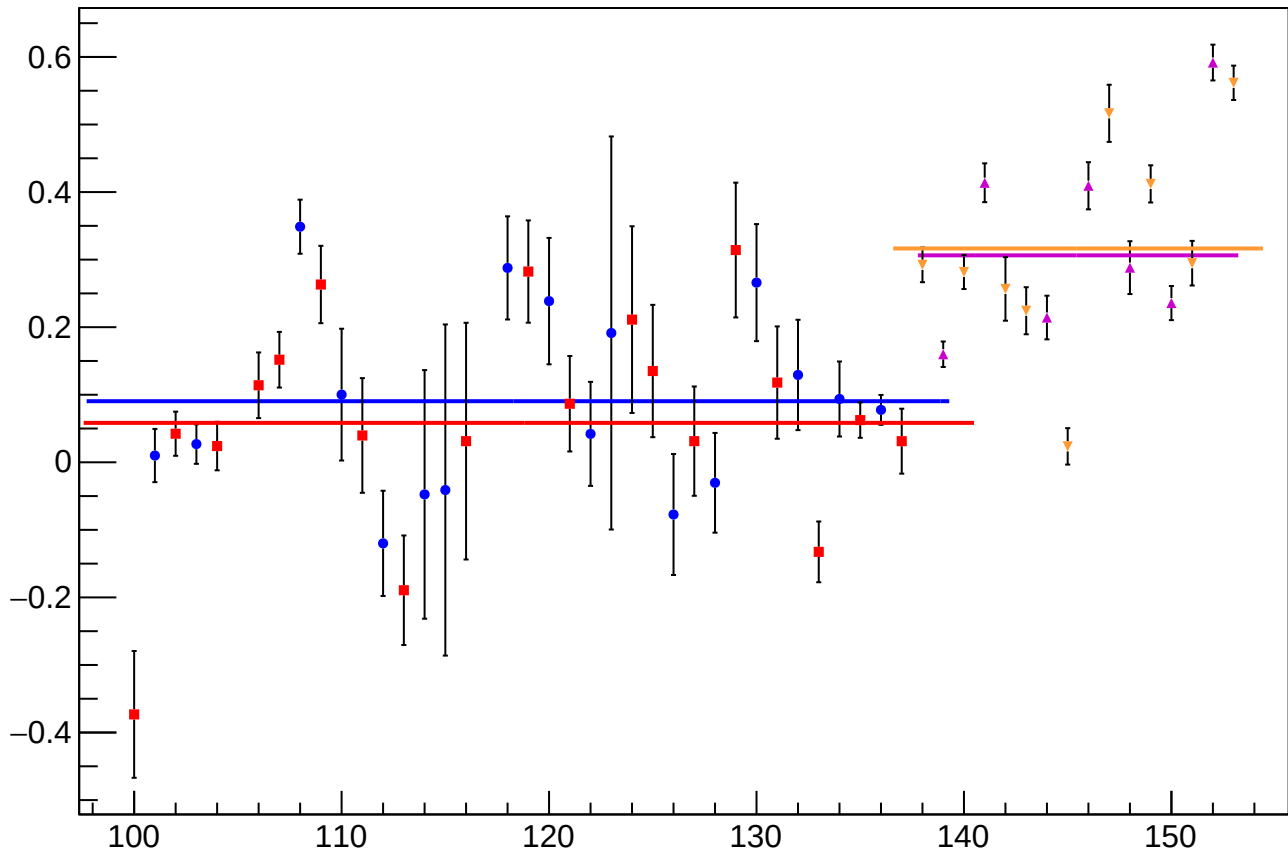
Right: -32.652 ± 0.176 $\chi^2/\text{NDF}: 10705.2/35$

In: -33.628 ± 0.171 $\chi^2/\text{NDF}: 5053.8/23$

Out: -34.284 ± 0.159 $\chi^2/\text{NDF}: 6463.4/27$

All: -33.980 ± 0.117 $\chi^2/\text{NDF}: 11525.1/51$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.317 ± 0.010 $\chi^2/\text{NDF}: 257.2/8$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

Left In: 0.306 ± 0.010 $\chi^2/\text{NDF}: 215.1/6$

Left: 0.312 ± 0.007 $\chi^2/\text{NDF}: 472.8/15$

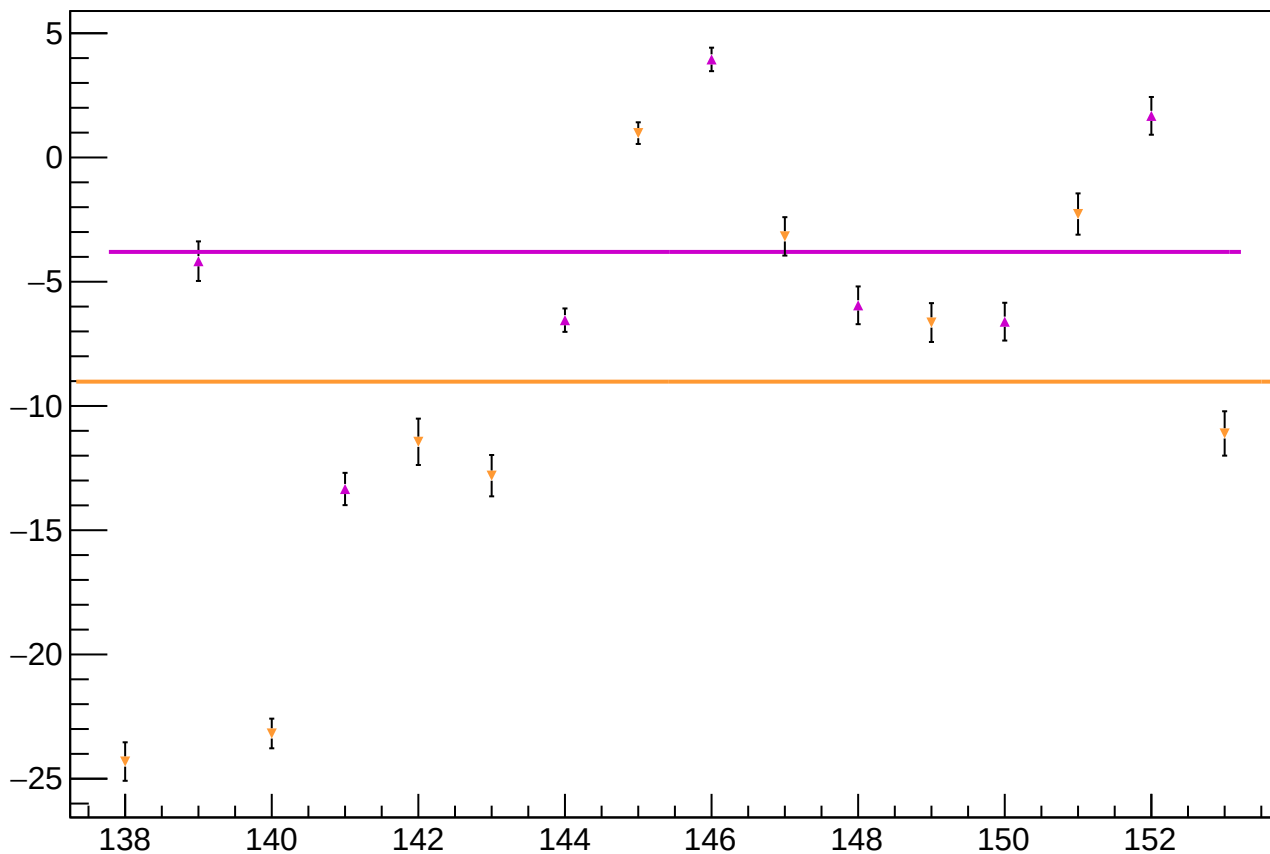
Right: 0.074 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.221 ± 0.008 $\chi^2/\text{NDF}: 468.5/23$

Out: 0.213 ± 0.008 $\chi^2/\text{NDF}: 614.7/27$

All: 0.217 ± 0.006 $\chi^2/\text{NDF}: 1083.7/51$

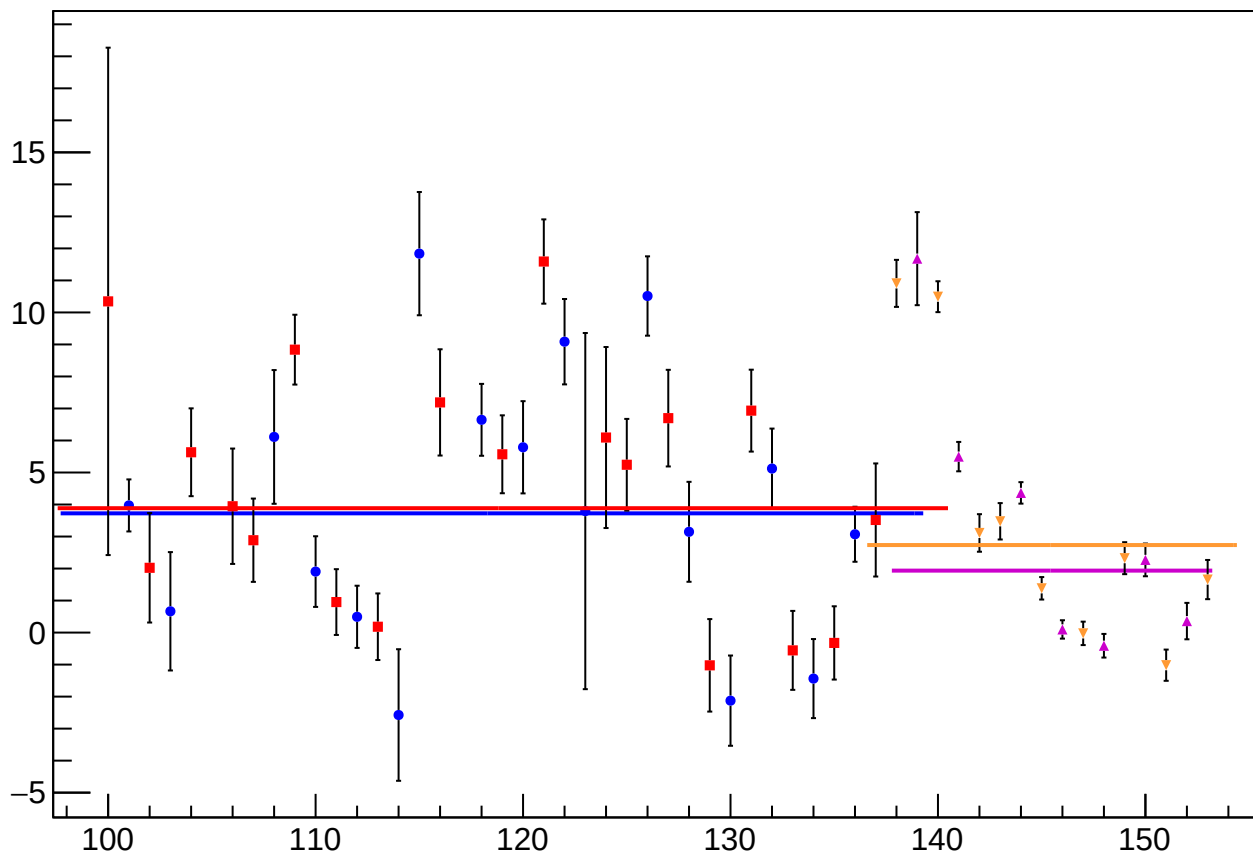
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.021+/-0.233 χ^2/NDF :1644.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.800+/-0.235 χ^2/NDF :592.5/6

Left: -6.426+/-0.166 χ^2/NDF : 2484.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.800+/-0.235 χ^2/NDF :592.5/6
 Out: -9.021+/-0.233 χ^2/NDF :1644.0/8
 All: -6.426+/-0.166 χ^2/NDF : 2484.9/15

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 ± 0.308 $\chi^2/\text{NDF}: 136.8/16$

Left Out: 2.734 ± 0.161 $\chi^2/\text{NDF}: 519.1/8$

Right Out: 3.885 ± 0.316 $\chi^2/\text{NDF}: 134.4/18$

Left In: 1.935 ± 0.157 $\chi^2/\text{NDF}: 247.1/6$

Left: 2.325 ± 0.112 $\chi^2/\text{NDF}: 778.8/15$

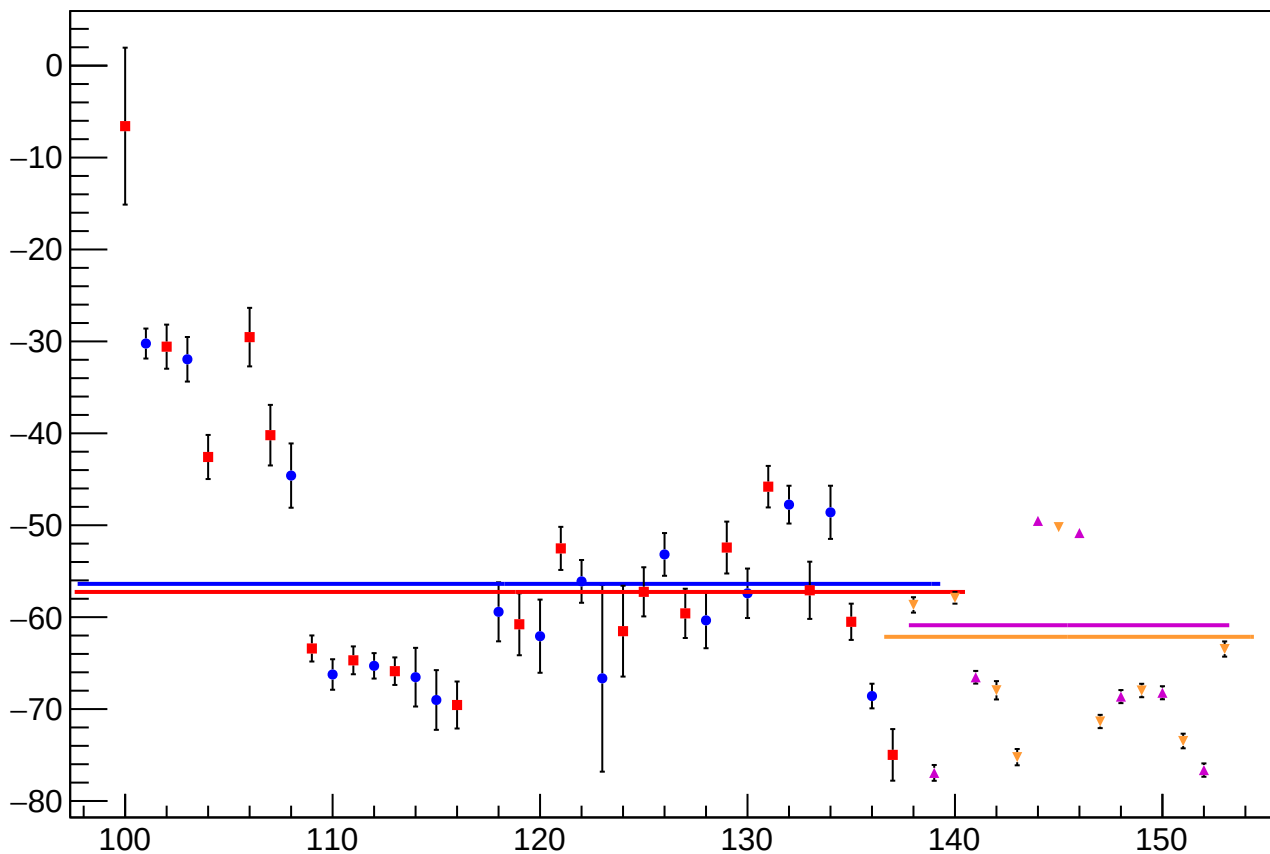
Right: 3.803 ± 0.221 $\chi^2/\text{NDF}: 271.3/35$

In: 2.304 ± 0.140 $\chi^2/\text{NDF}: 410.6/23$

Out: 2.971 ± 0.143 $\chi^2/\text{NDF}: 664.0/27$

All: 2.629 ± 0.100 $\chi^2/\text{NDF}: 1085.6/51$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -62.139 ± 0.238 χ^2/NDF : 1407.2/8

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

Left In: -60.879 ± 0.235 χ^2/NDF : 2105.4/6

Left: -61.501 ± 0.167 χ^2/NDF : 3526.7/15

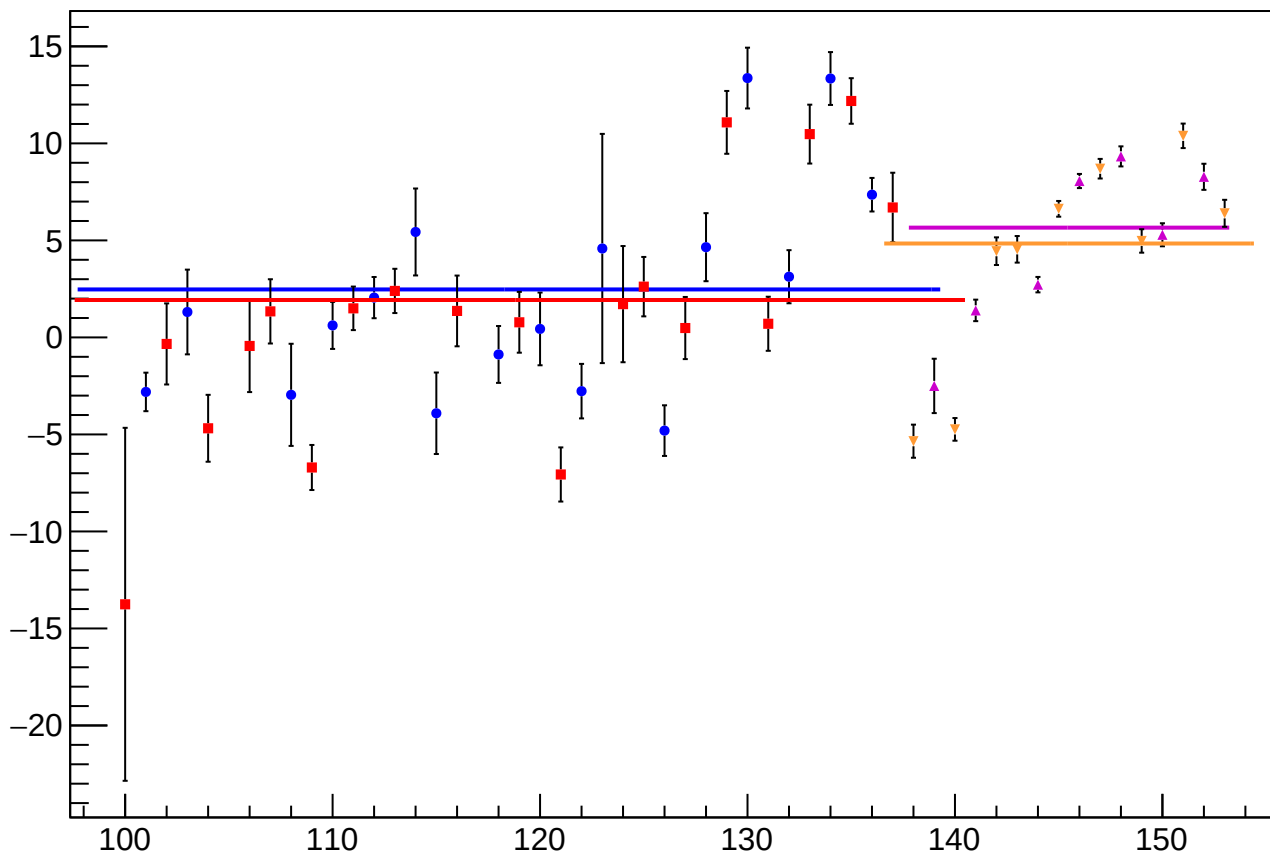
Right: -56.823 ± 0.381 χ^2/NDF : 1064.8/35

In: -60.165 ± 0.216 χ^2/NDF : 2750.8/23

Out: -61.334 ± 0.218 χ^2/NDF : 1952.6/27

All: -60.745 ± 0.153 χ^2/NDF : 4717.9/51

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 $\pm$ 0.345 χ^2 /NDF: 243.6/16

Left Out: 4.840 $\pm$ 0.197 χ^2 /NDF:572.1/8

Right Out: 1.928 $\pm$ 0.355 χ^2 /NDF: 266.6/18

Left In: 5.657 $\pm$ 0.195 χ^2 /NDF:257.2/6

Left: 5.254 $\pm$ 0.139 χ^2 /NDF: 838.0/15

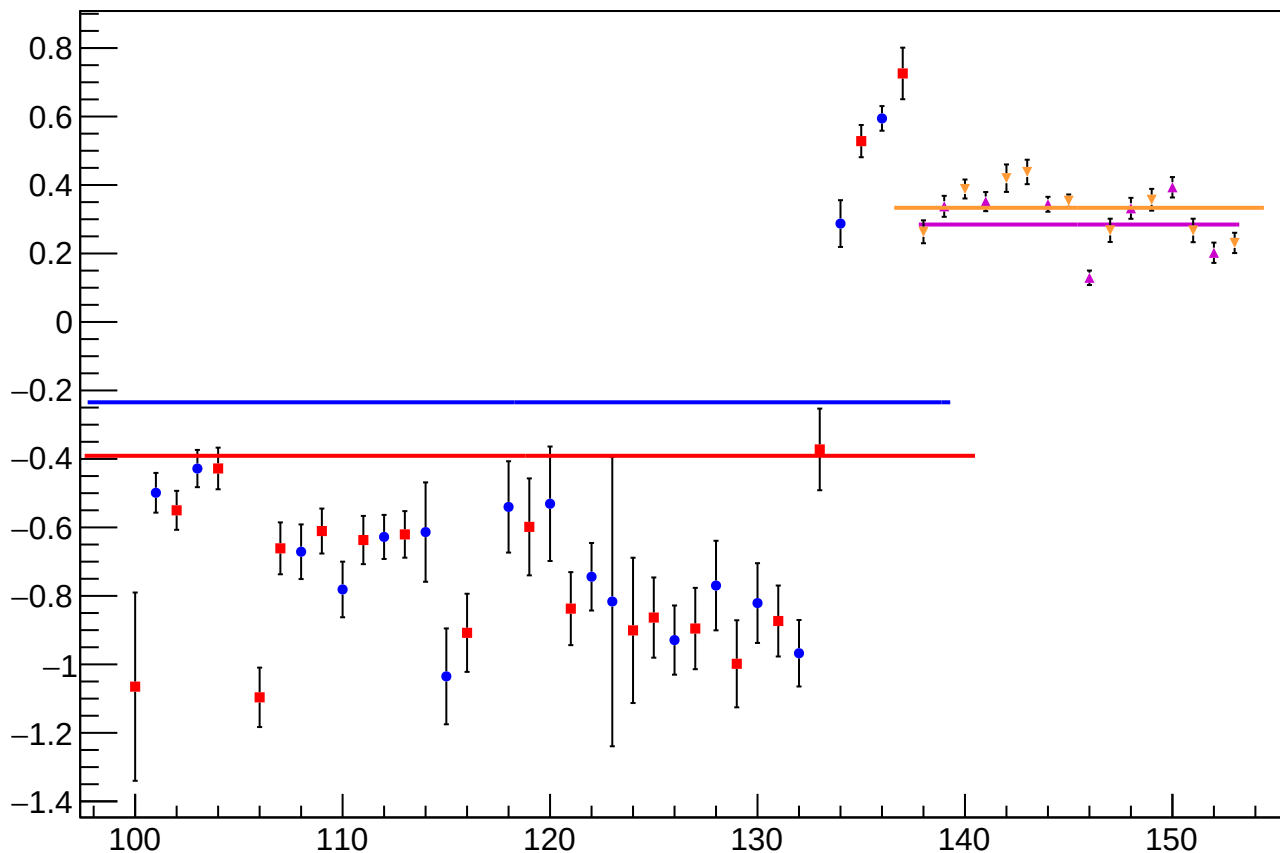
Right: 2.208 $\pm$ 0.248 χ^2 /NDF: 511.4/35

In: 4.890 $\pm$ 0.170 χ^2 /NDF:565.3/23

Out: 4.153 $\pm$ 0.172 χ^2 /NDF:890.2/27

All: 4.527 $\pm$ 0.121 χ^2 /NDF: 1464.8/51

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.333 ± 0.010 χ^2/NDF : 42.9/8

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.285 ± 0.010 χ^2/NDF : 93.7/6

Left: 0.310 ± 0.007 χ^2/NDF : 148.8/15

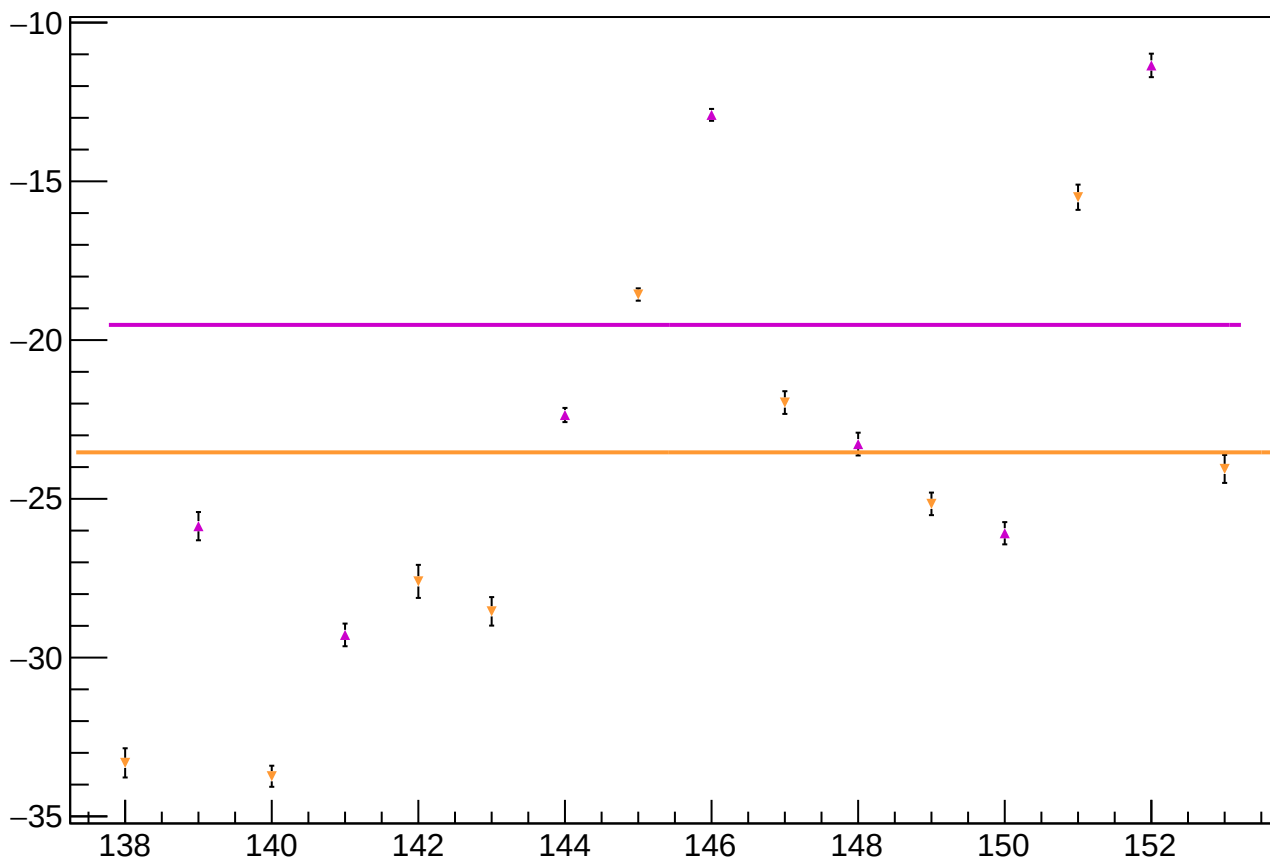
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.171 ± 0.009 χ^2/NDF : 1643.4/23

Out: 0.181 ± 0.009 χ^2/NDF : 2049.6/27

All: 0.176 ± 0.006 χ^2/NDF : 3693.7/51

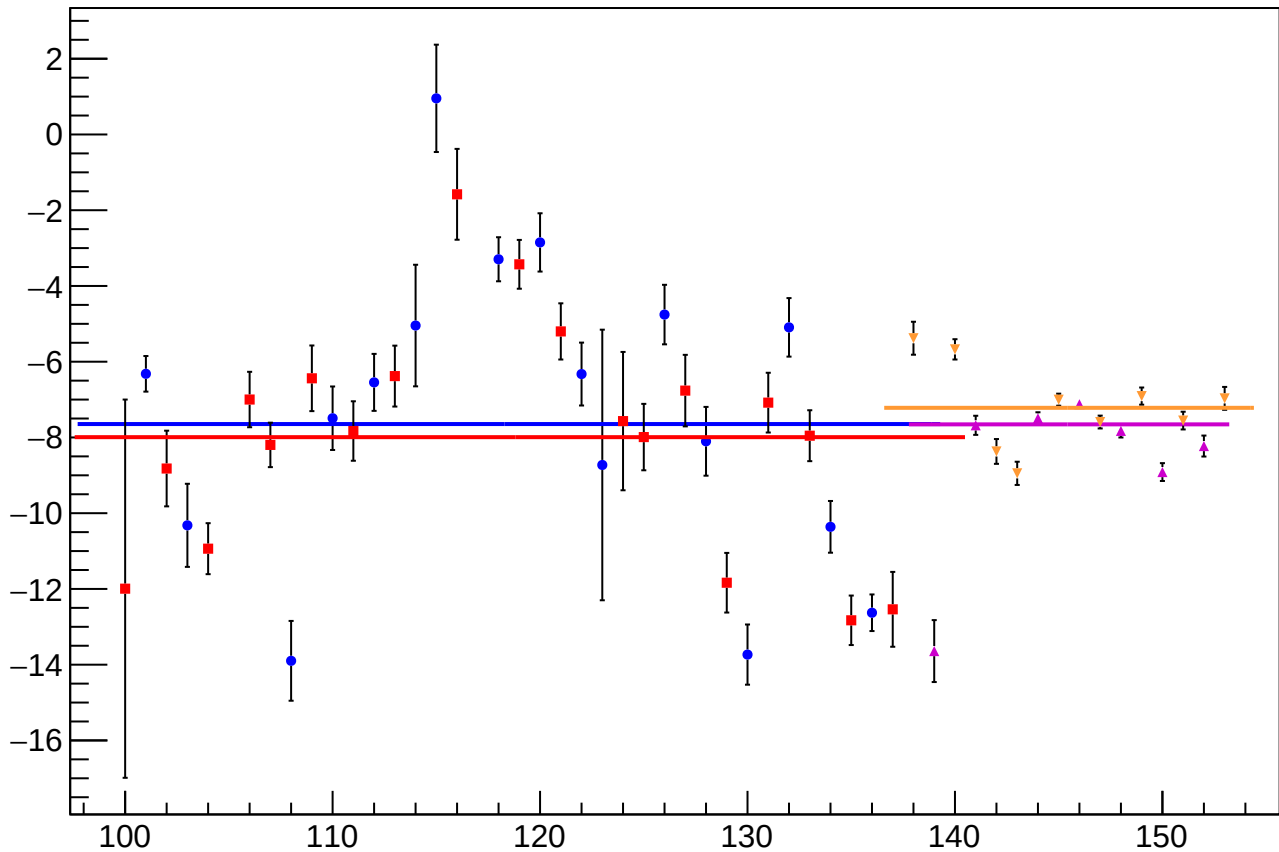
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.536+/-0.115 χ^2/NDF :2682.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.522+/-0.109 χ^2/NDF :3306.4/6

Left: -21.421+/-0.079 χ^2/NDF : 6634.1/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.522+/-0.109 χ^2/NDF :3306.4/6
 Out: -23.536+/-0.115 χ^2/NDF :2682.4/8
 All: -21.421+/-0.079 χ^2/NDF : 6634.1/15

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.218 ± 0.079 χ^2/NDF : 106.5/8

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -7.654 ± 0.072 χ^2/NDF : 109.1/6

Left: -7.455 ± 0.053 χ^2/NDF : 232.5/15

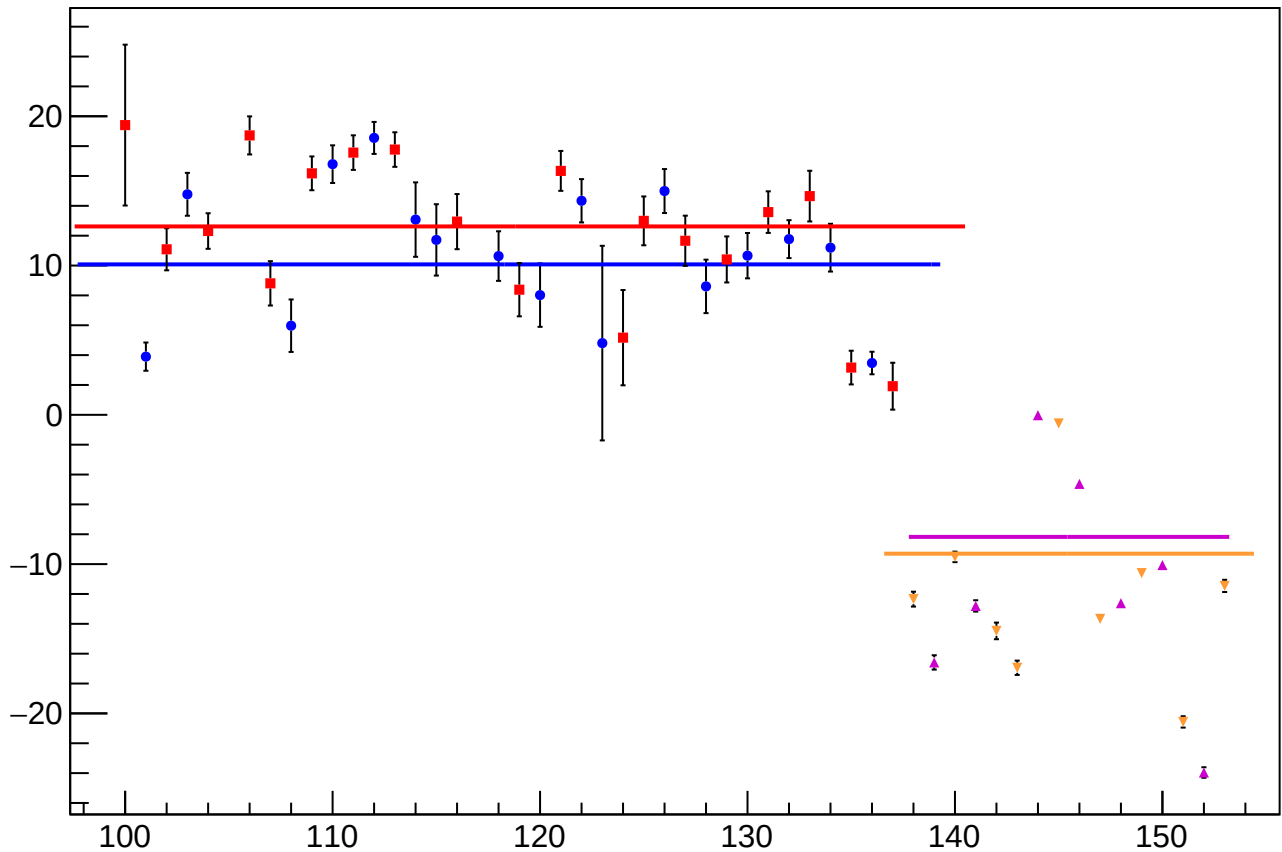
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.653 ± 0.067 χ^2/NDF : 502.8/23

Out: -7.335 ± 0.072 χ^2/NDF : 346.7/27

All: -7.506 ± 0.049 χ^2/NDF : 859.9/51

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077+/-0.337 χ^2/NDF : 252.8/16

Left Out: -9.301+/-0.116 χ^2/NDF : 3262.1/8

Right Out: 12.620+/-0.332 χ^2/NDF : 220.0/18

Left In: -8.177+/-0.108 χ^2/NDF : 4197.2/6

Left: -8.698+/-0.079 χ^2/NDF : 7509.6/15

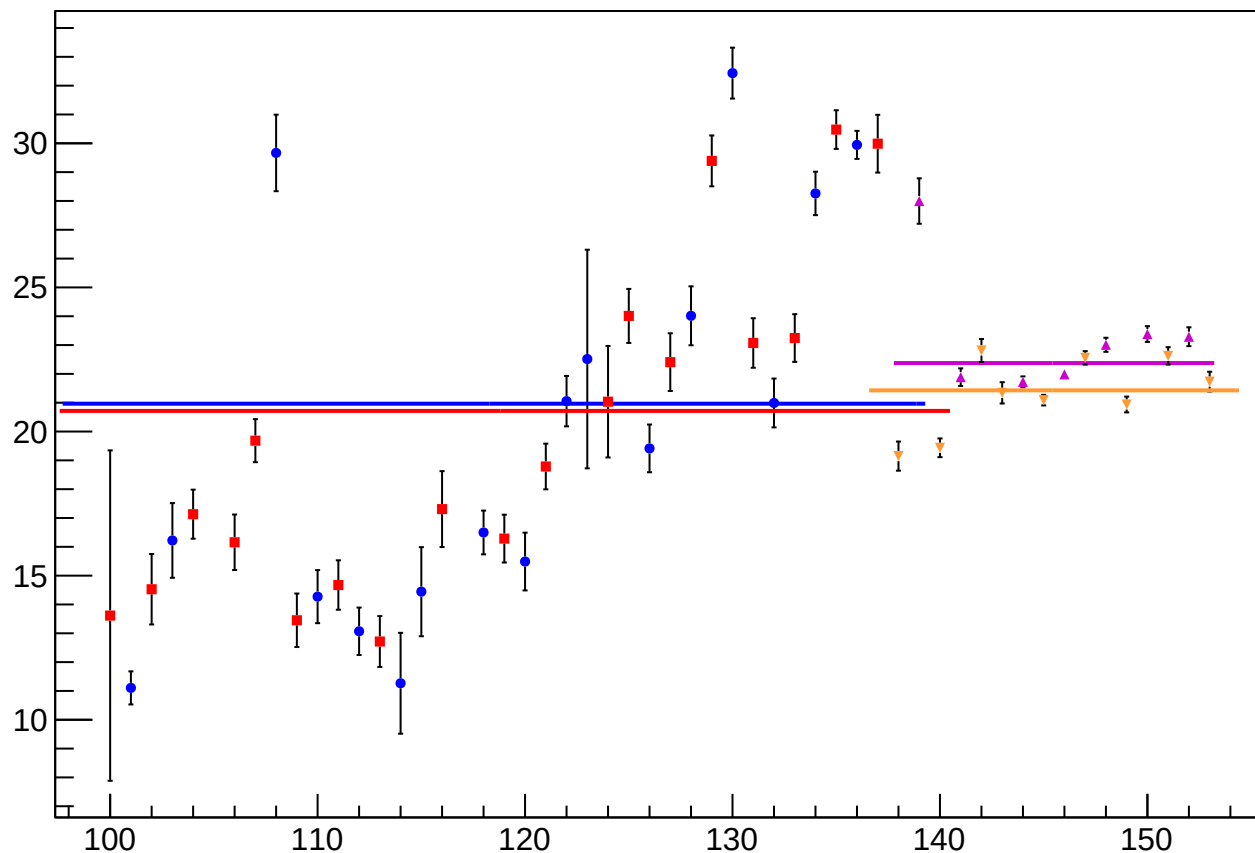
Right: 11.365+/-0.237 χ^2/NDF : 501.6/35

In: -6.473+/-0.103 χ^2/NDF : 7113.7/23

Out: -6.915+/-0.110 χ^2/NDF : 7357.0/27

All: -6.680+/-0.075 χ^2/NDF : 14479.3/51

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965 $\pm$ 0.209 χ^2/NDF : 1225.5/16

Left Out: 21.428 $\pm$ 0.096 χ^2/NDF :116.4/8

Right Out: 20.716 $\pm$ 0.213 χ^2/NDF : 729.9/18

Left In: 22.375 $\pm$ 0.089 χ^2/NDF :100.5/6

Left: 21.939 $\pm$ 0.065 χ^2/NDF : 269.0/15

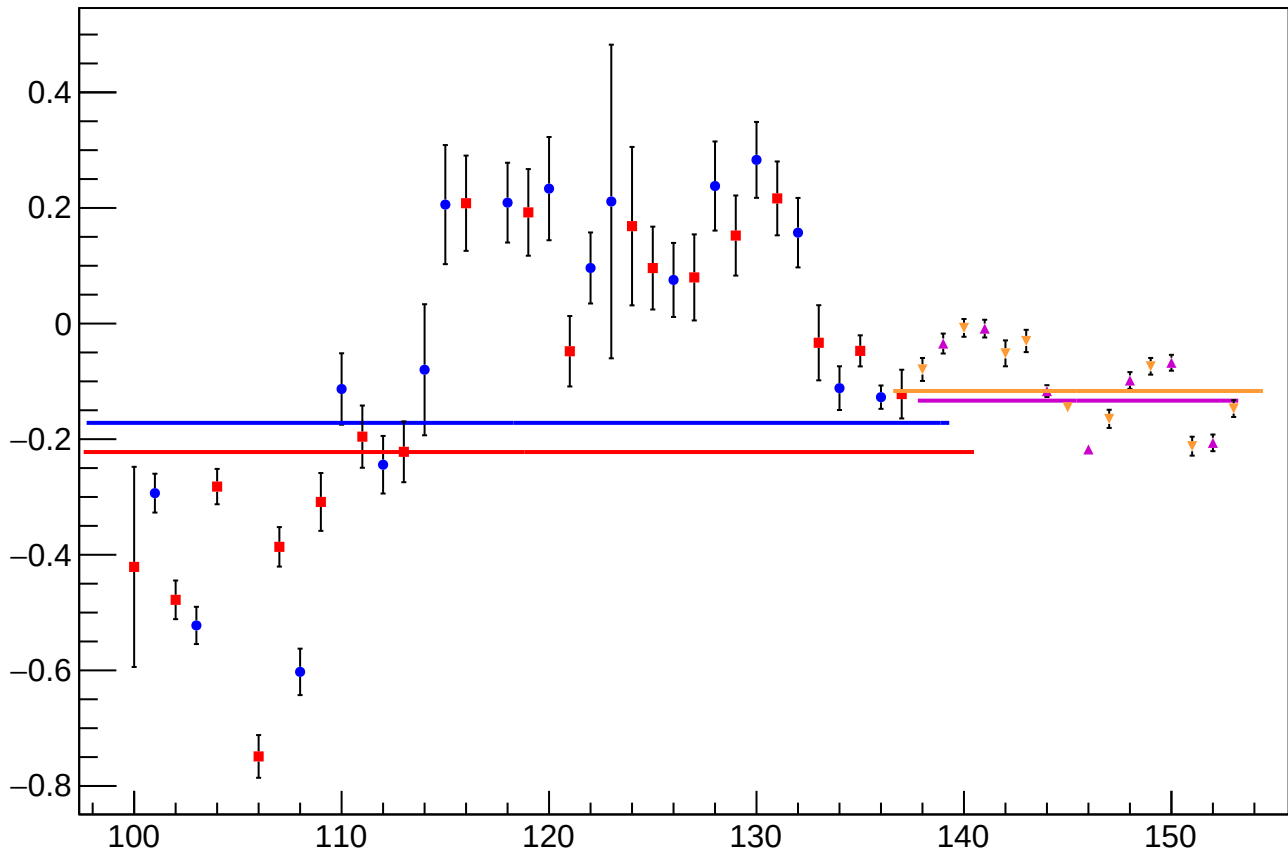
Right: 20.842 $\pm$ 0.149 χ^2/NDF : 1956.1/35

In: 22.160 $\pm$ 0.082 χ^2/NDF :1364.4/23

Out: 21.307 $\pm$ 0.088 χ^2/NDF :855.6/27

All: 21.762 $\pm$ 0.060 χ^2/NDF : 2270.4/51

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.117 ± 0.005 χ^2/NDF : 151.0/8

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

Left In: -0.133 ± 0.005 χ^2/NDF : 255.5/6

Left: -0.125 ± 0.003 χ^2/NDF : 412.8/15

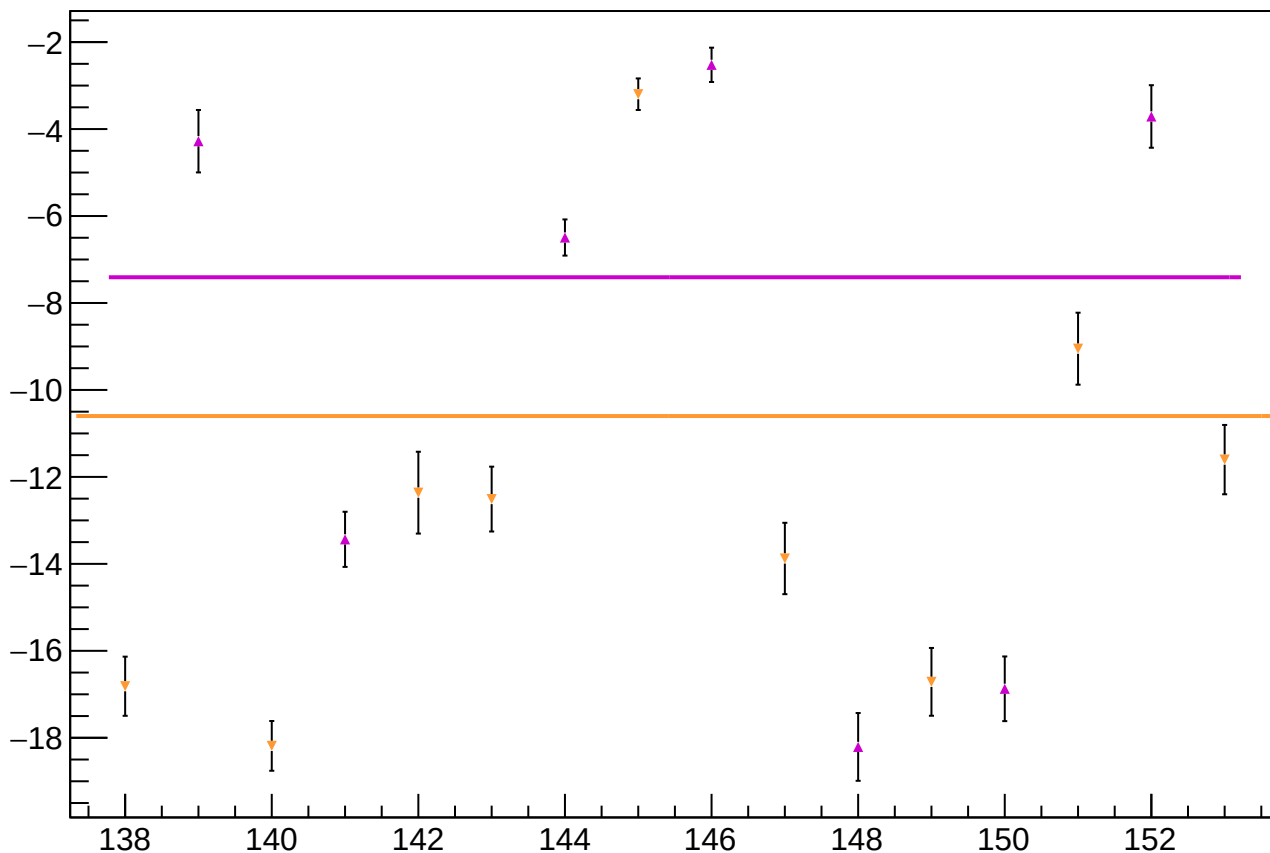
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.139 ± 0.004 χ^2/NDF : 729.7/23

Out: -0.133 ± 0.004 χ^2/NDF : 765.4/27

All: -0.136 ± 0.003 χ^2/NDF : 1495.9/51

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.600+/-0.214 χ^2/NDF : 768.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Left: -9.000+/-0.151 χ^2/NDF : 1528.5/15

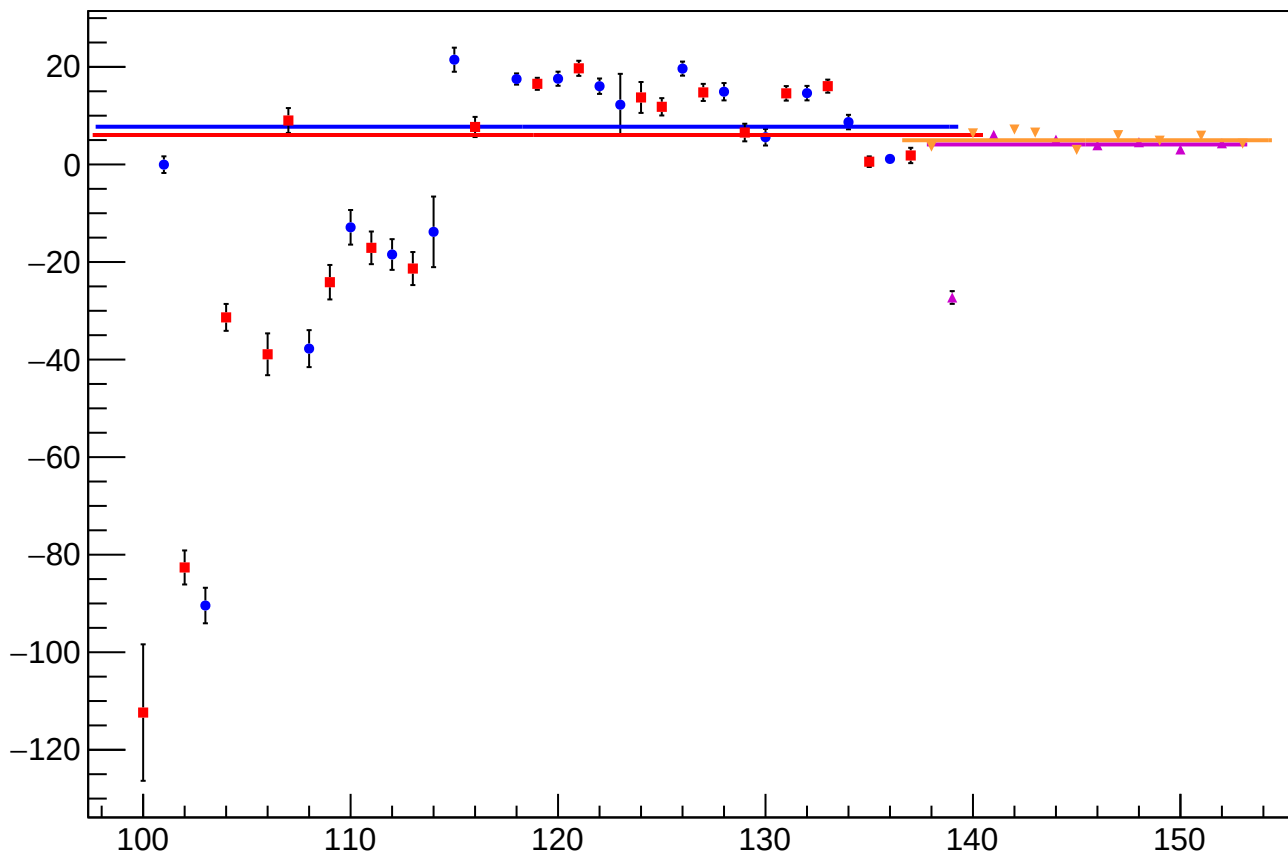
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Out: -10.600+/-0.214 χ^2/NDF : 768.4/8

All: -9.000+/-0.151 χ^2/NDF : 1528.5/15

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 4.964 ± 0.151 $\chi^2/\text{NDF}: 96.0/8$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

Left In: 4.100 ± 0.146 $\chi^2/\text{NDF}: 612.5/6$

Left: 4.517 ± 0.105 $\chi^2/\text{NDF}: 725.4/15$

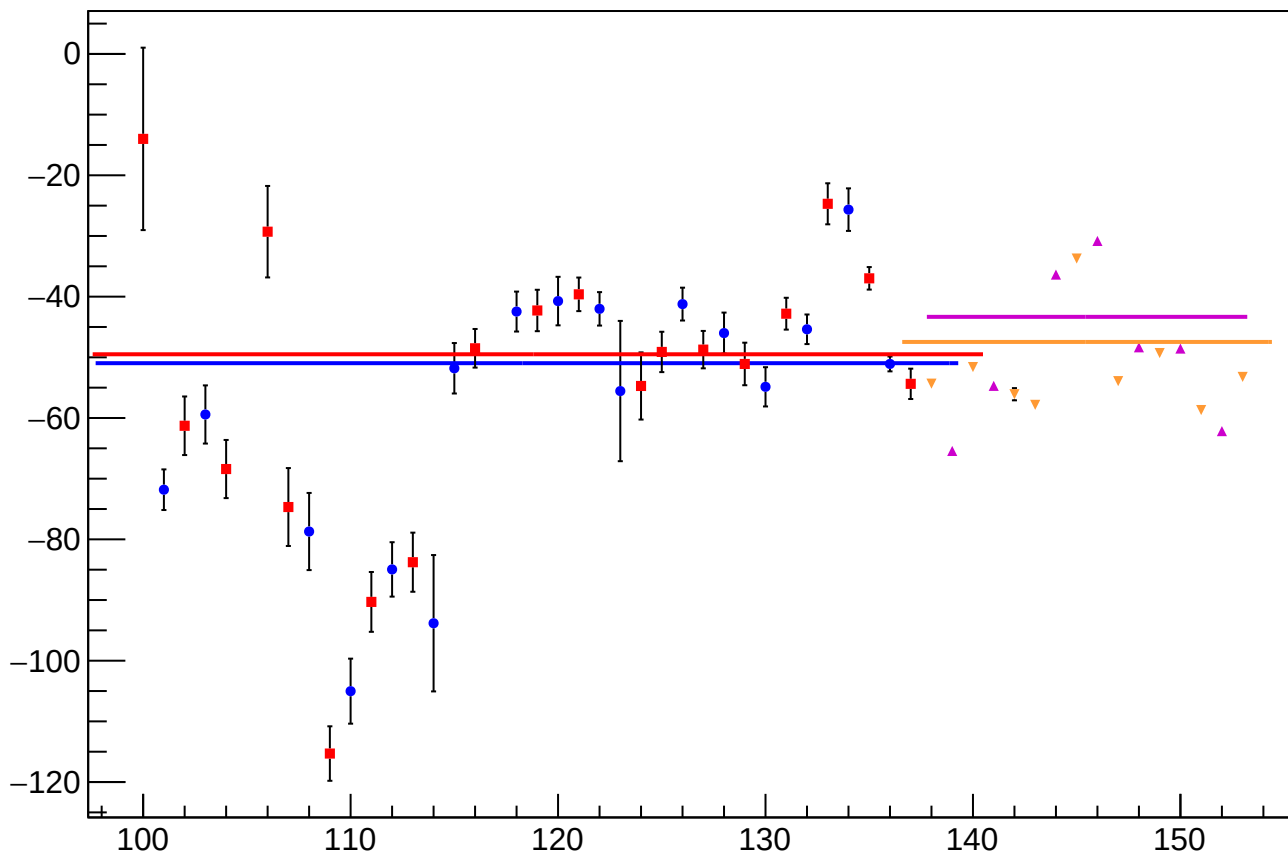
Right: 6.952 ± 0.295 $\chi^2/\text{NDF}: 2878.8/35$

In: 4.521 ± 0.137 $\chi^2/\text{NDF}: 2043.1/23$

Out: 5.080 ± 0.142 $\chi^2/\text{NDF}: 1613.6/27$

All: 4.790 ± 0.099 $\chi^2/\text{NDF}: 3664.6/51$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -47.464 ± 0.219 χ^2/NDF : 1972.9/8

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

Left In: -43.328 ± 0.214 χ^2/NDF : 3276.5/6

Left: -45.342 ± 0.153 χ^2/NDF : 5431.5/15

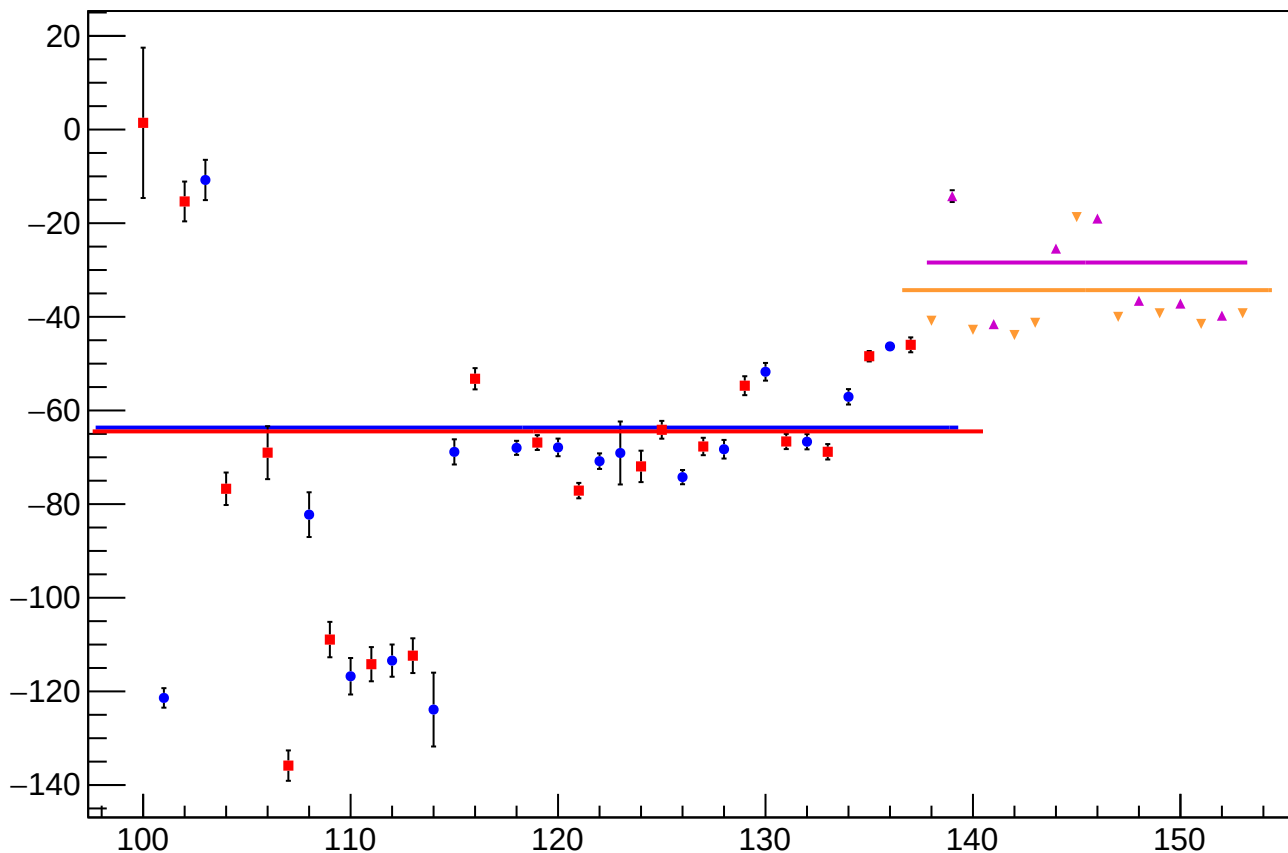
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -43.920 ± 0.205 χ^2/NDF : 3708.0/23

Out: -47.607 ± 0.212 χ^2/NDF : 2489.3/27

All: -45.709 ± 0.147 χ^2/NDF : 6353.6/51

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.299 ± 0.183 χ^2/NDF : 3166.3/8

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

Left In: -28.402 ± 0.179 χ^2/NDF : 2461.8/6

Left: -31.285 ± 0.128 χ^2/NDF : 6158.3/15

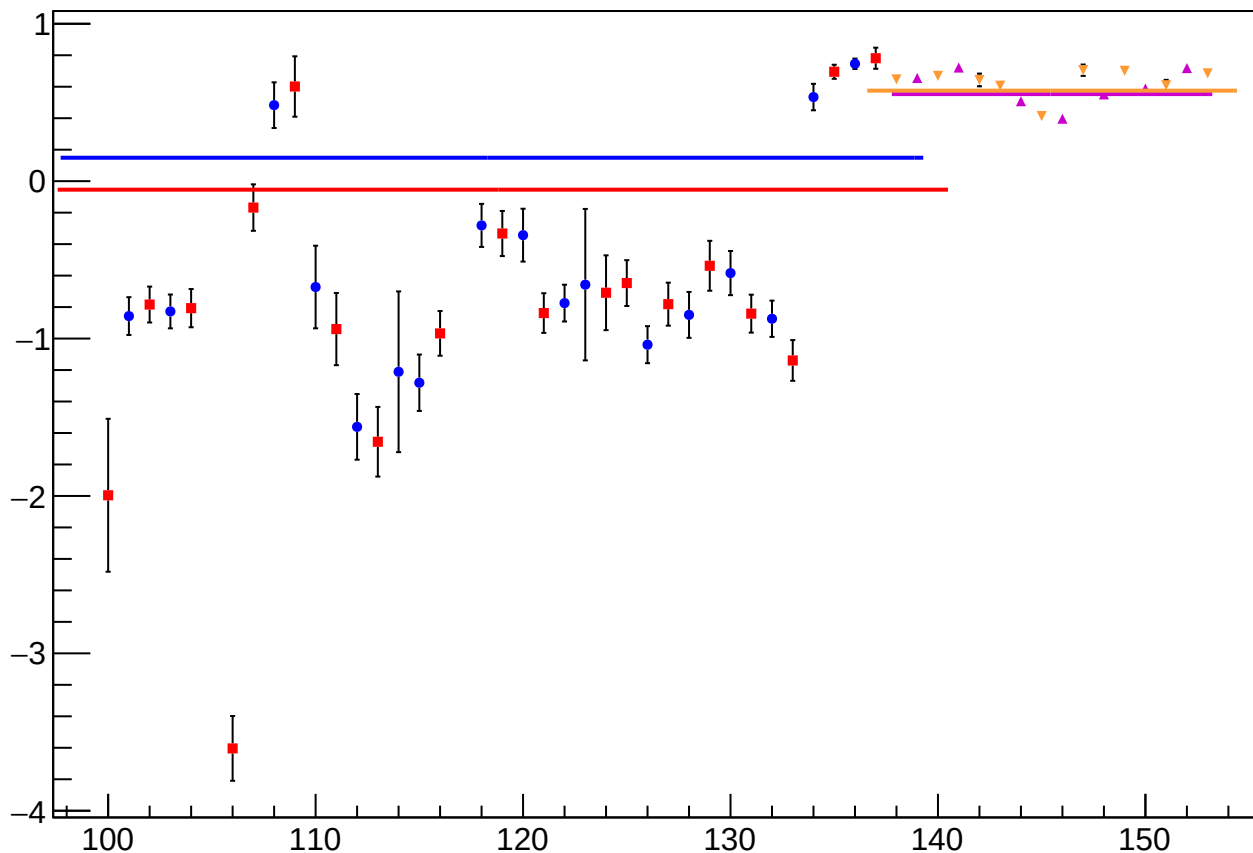
Right: -64.030 ± 0.327 χ^2/NDF : 3623.1/35

In: -33.308 ± 0.166 χ^2/NDF : 9870.5/23

Out: -38.096 ± 0.171 χ^2/NDF : 8191.1/27

All: -35.631 ± 0.119 χ^2/NDF : 18464.4/51

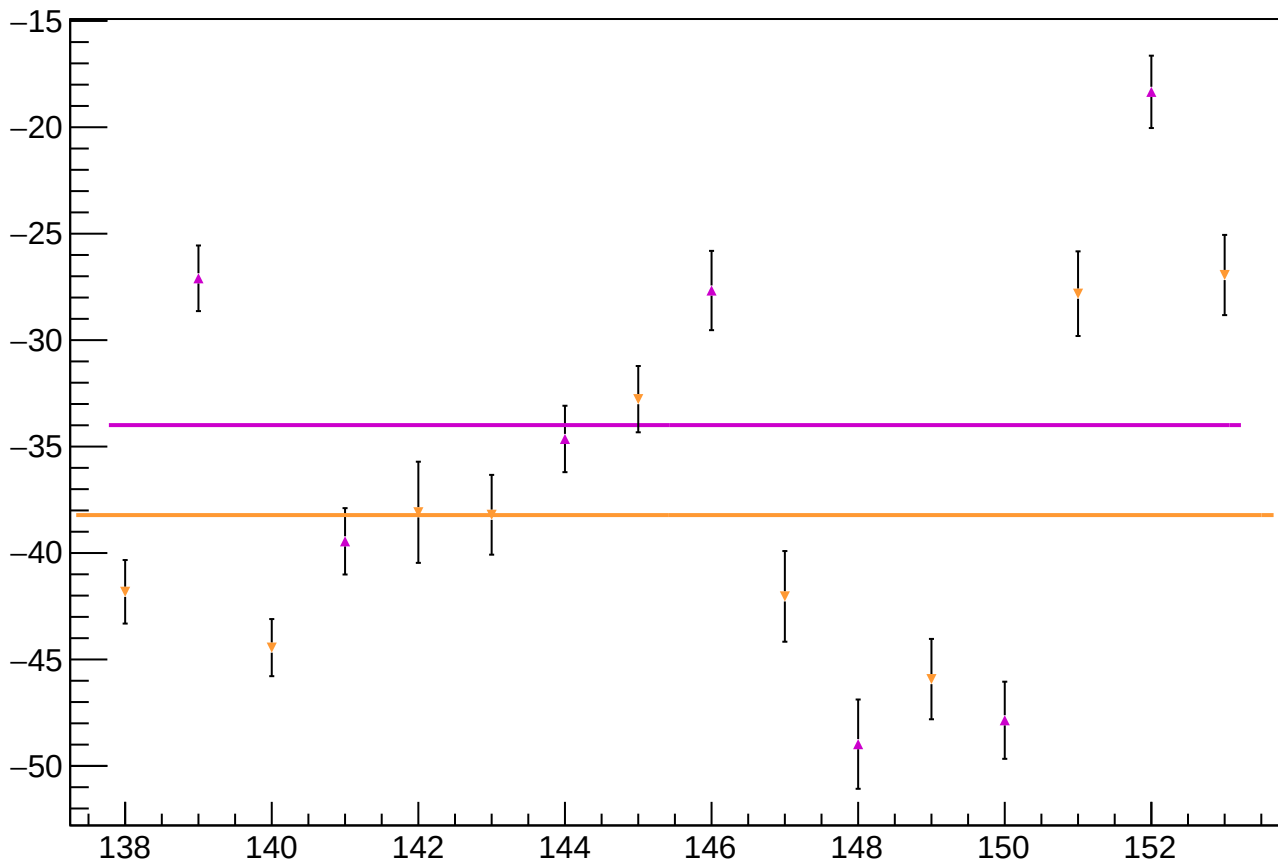
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16
 Left Out: 0.575 ± 0.009 χ^2/NDF : 182.2/8
 Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18
 Left In: 0.553 ± 0.009 χ^2/NDF : 170.5/6

Left: 0.564 ± 0.006 χ^2/NDF : 355.6/15
 Right: 0.056 ± 0.018 χ^2/NDF : 2190.5/35
 In: 0.502 ± 0.009 χ^2/NDF : 1408.7/23
 Out: 0.510 ± 0.008 χ^2/NDF : 1866.7/27
 All: 0.506 ± 0.006 χ^2/NDF : 3275.8/51

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: -38.218+/-0.586 χ^2/NDF :122.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.991+/-0.644 χ^2/NDF :238.4/6

Left: -36.305+/-0.433 χ^2/NDF : 384.7/15

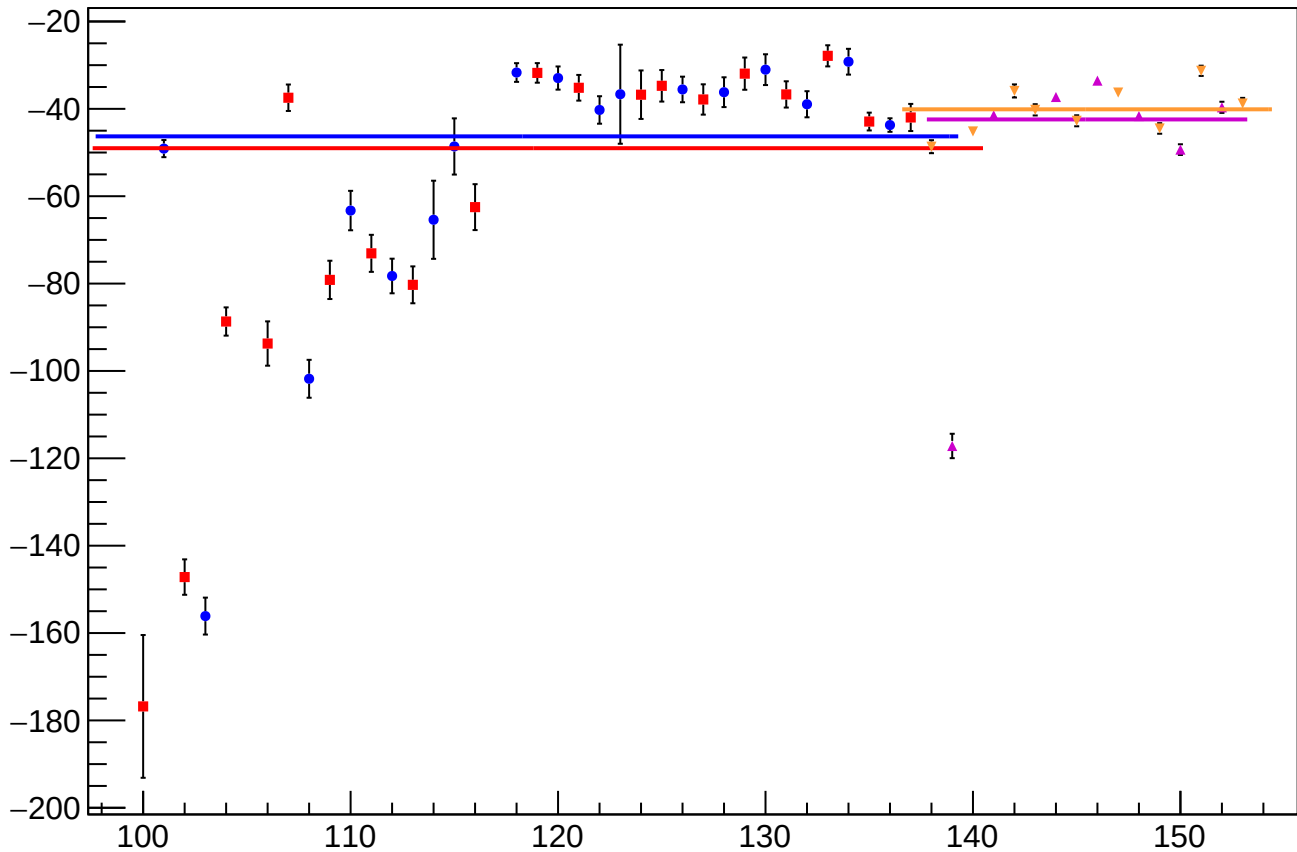
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.991+/-0.644 χ^2/NDF :238.4/6

Out: -38.218+/-0.586 χ^2/NDF :122.7/8

All: -36.305+/-0.433 χ^2/NDF : 384.7/15

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 $\pm$ 0.723 χ^2/NDF : 1084.0/16

Left Out: -40.107 $\pm$ 0.411 χ^2/NDF : 151.4/8

Right Out: -49.008 $\pm$ 0.764 χ^2/NDF : 1271.7/18

Left In: -42.424 $\pm$ 0.459 χ^2/NDF : 836.9/6

Left: -41.138 $\pm$ 0.306 χ^2/NDF : 1002.5/15

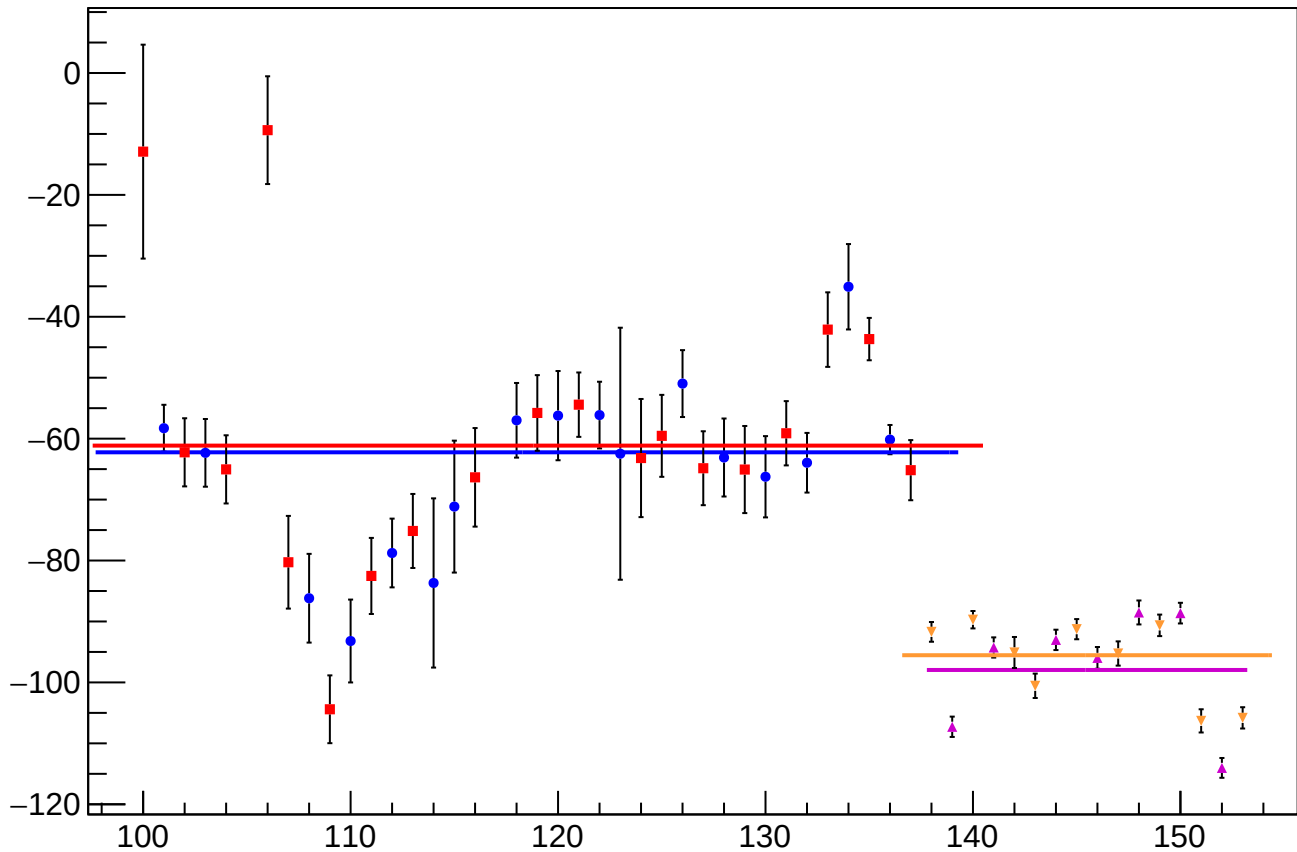
Right: -47.580 $\pm$ 0.525 χ^2/NDF : 2362.3/35

In: -43.538 $\pm$ 0.387 χ^2/NDF : 1941.5/23

Out: -42.103 $\pm$ 0.362 χ^2/NDF : 1528.4/27

All: -42.771 $\pm$ 0.264 χ^2/NDF : 3477.2/51

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$

Left Out: -95.538 ± 0.596 $\chi^2/\text{NDF}: 109.6/8$

Right Out: -61.142 ± 1.379 $\chi^2/\text{NDF}: 165.6/18$

Left In: -97.958 ± 0.648 $\chi^2/\text{NDF}: 197.2/6$

Left: -96.646 ± 0.438 $\chi^2/\text{NDF}: 314.4/15$

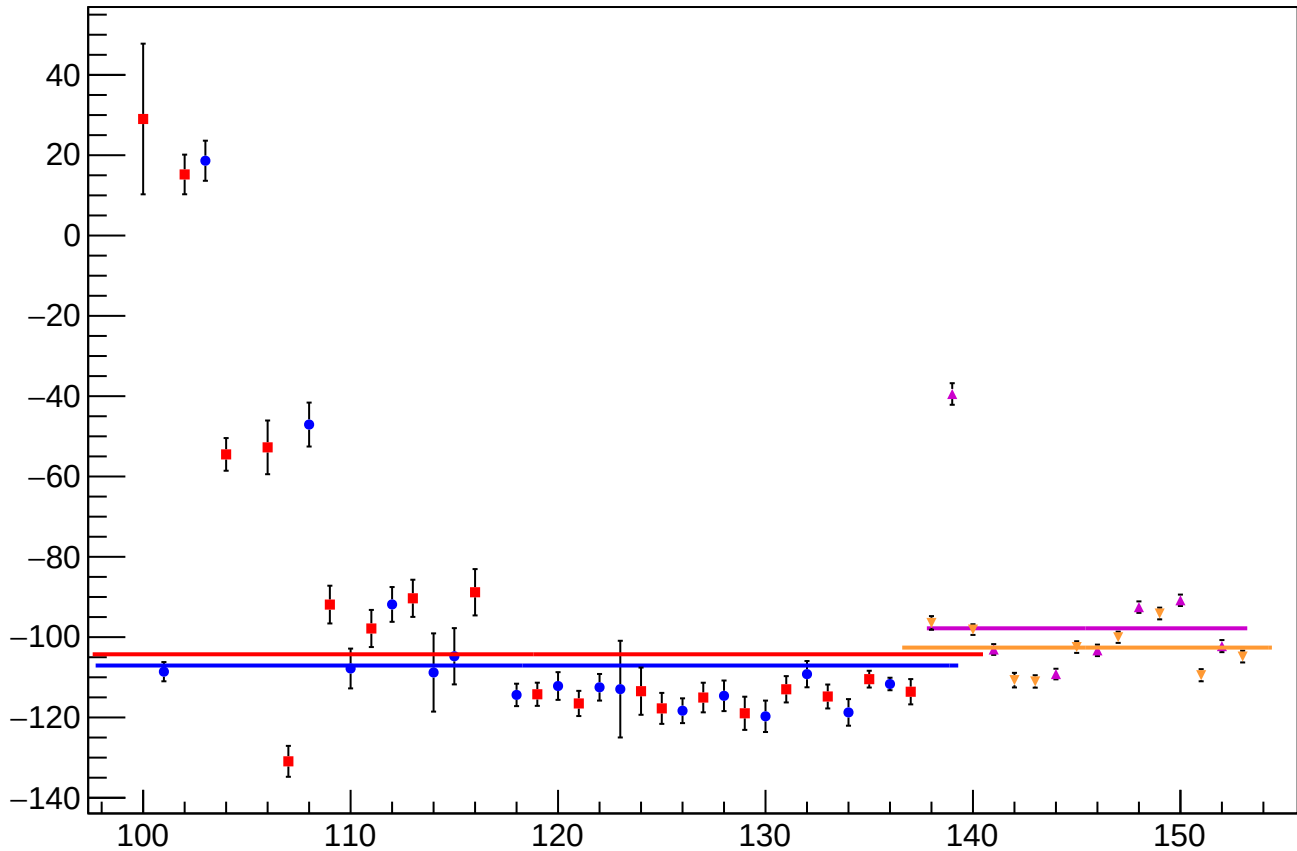
Right: -61.720 ± 0.950 $\chi^2/\text{NDF}: 233.3/35$

In: -90.939 ± 0.581 $\chi^2/\text{NDF}: 861.7/23$

Out: -90.134 ± 0.547 $\chi^2/\text{NDF}: 799.2/27$

All: -90.512 ± 0.398 $\chi^2/\text{NDF}: 1662.0/51$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -102.602 ± 0.501 χ^2/NDF : 134.0/8

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

Left In: -97.800 ± 0.560 χ^2/NDF : 621.8/6

Left: -100.469 ± 0.373 χ^2/NDF : 796.6/15

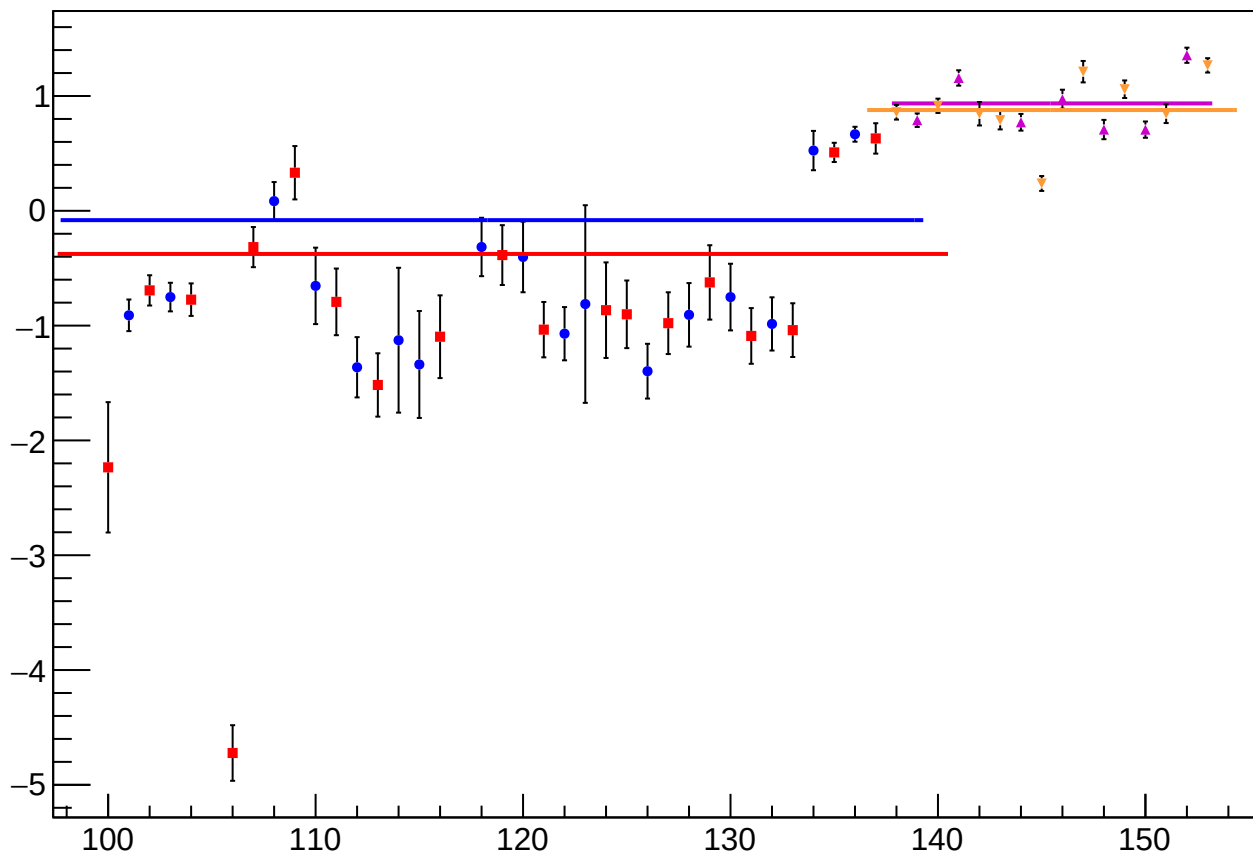
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -100.792 ± 0.461 χ^2/NDF : 1538.5/23

Out: -103.024 ± 0.433 χ^2/NDF : 1155.4/27

All: -101.978 ± 0.316 χ^2/NDF : 2706.4/51

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.878 ± 0.024 χ^2/NDF : 156.4/8

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 0.935 ± 0.027 χ^2/NDF : 80.3/6

Left: 0.904 ± 0.018 χ^2/NDF : 239.3/15

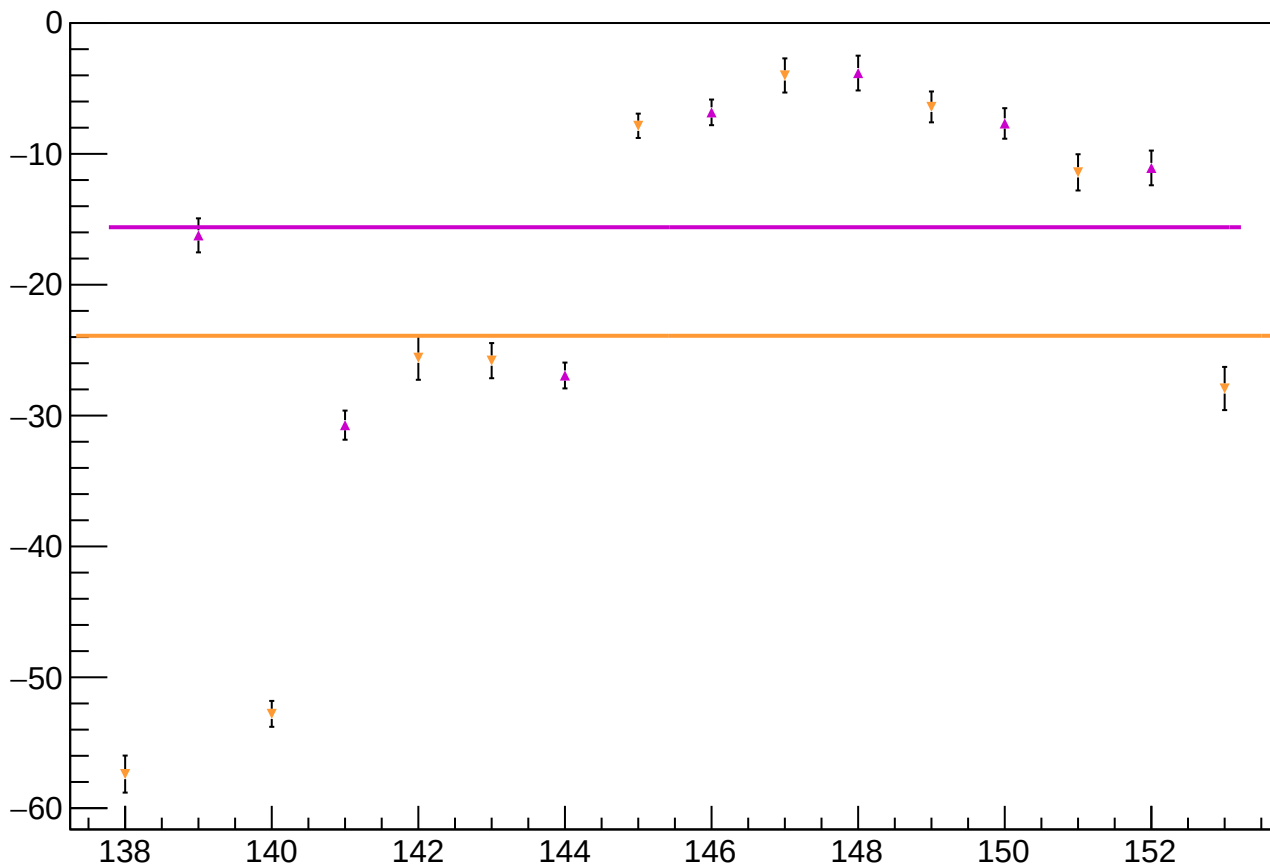
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.646 ± 0.022 χ^2/NDF : 825.4/23

Out: 0.582 ± 0.021 χ^2/NDF : 1362.7/27

All: 0.612 ± 0.015 χ^2/NDF : 2192.4/51

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



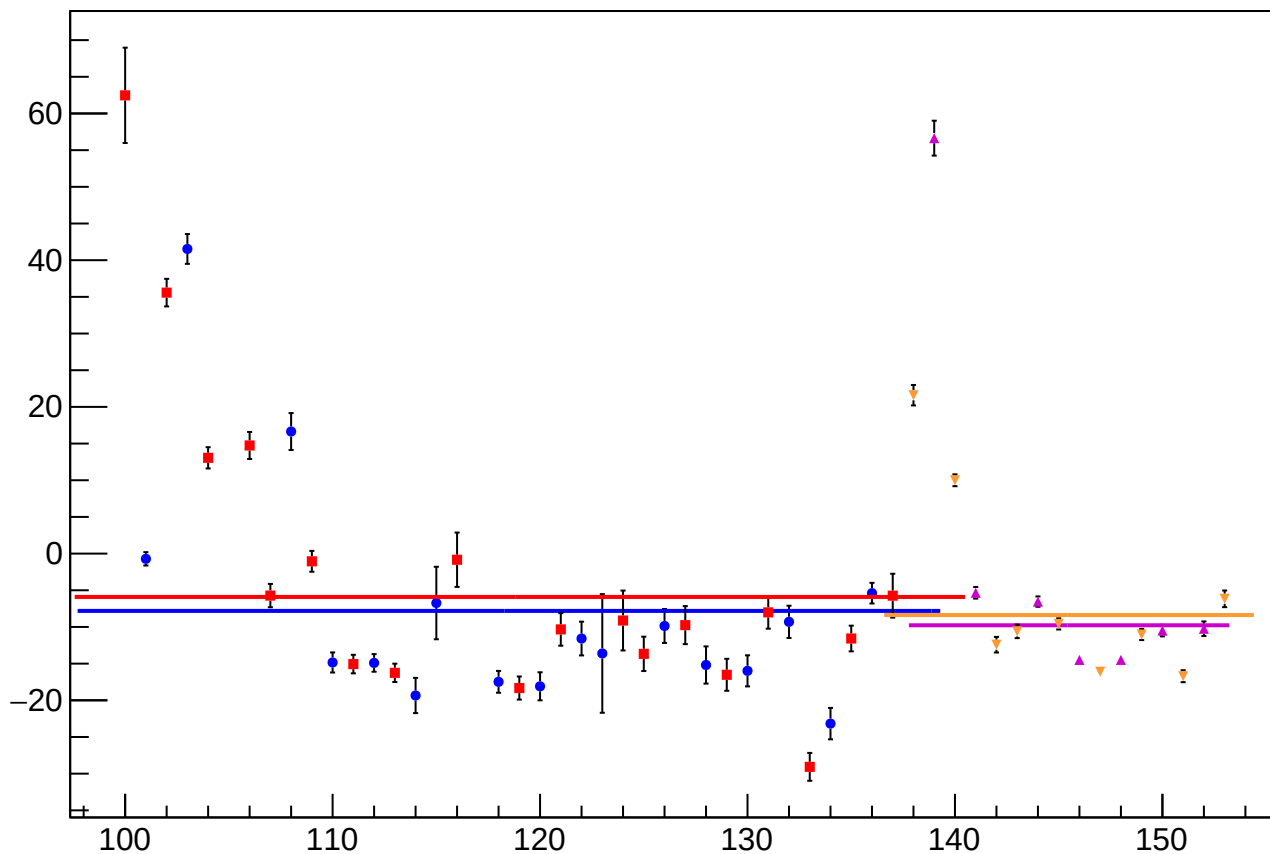
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.902+/-0.416 χ^2/NDF :2252.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.606+/-0.433 χ^2/NDF :533.3/6

Left: -19.919+/-0.300 χ^2/NDF : 2976.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.606+/-0.433 χ^2/NDF :533.3/6
 Out: -23.902+/-0.416 χ^2/NDF :2252.5/8

All: -19.919+/-0.300 χ^2/NDF : 2976.7/15

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -8.378 ± 0.284 χ^2/NDF : 1275.8/8

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

Left In: -9.772 ± 0.296 χ^2/NDF : 943.0/6

Left: -9.046 ± 0.205 χ^2/NDF : 2230.3/15

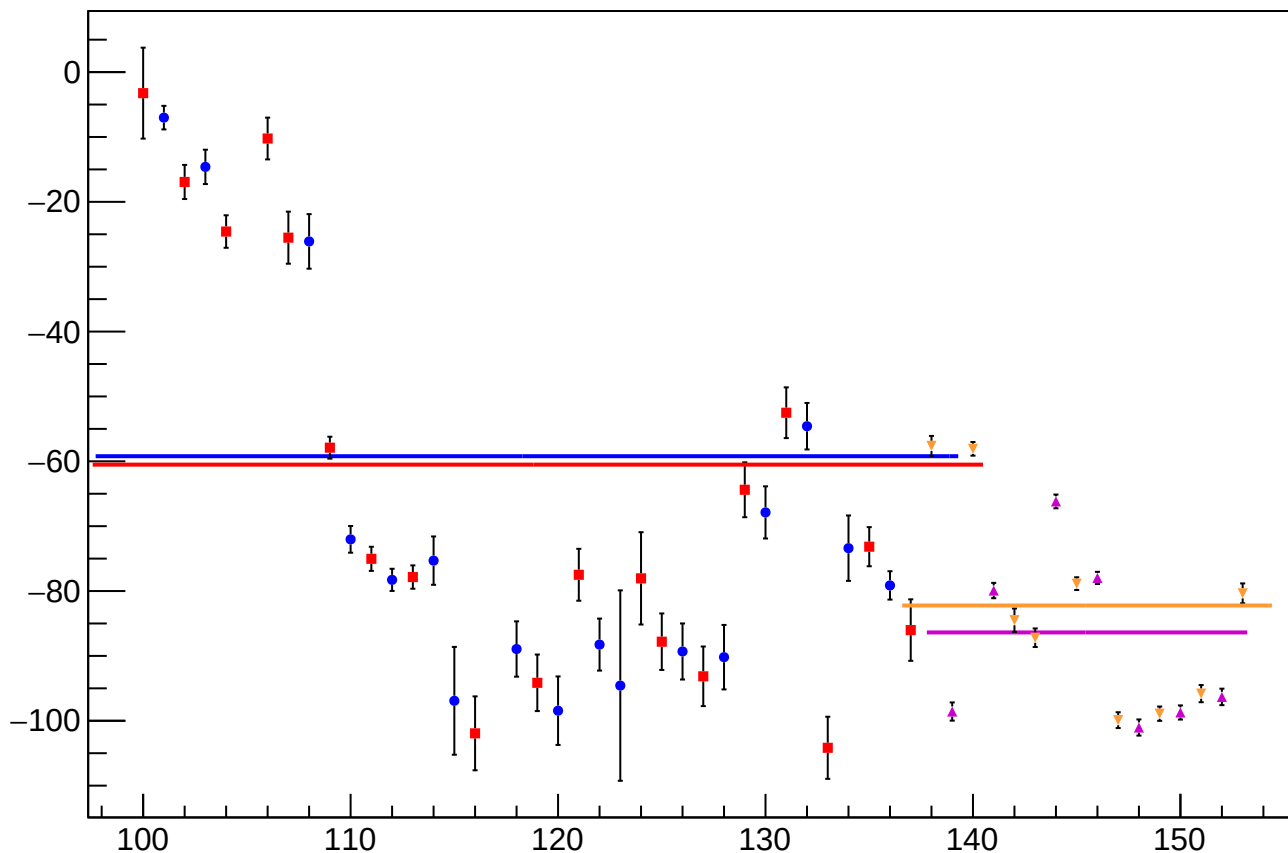
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -9.137 ± 0.243 χ^2/NDF : 1940.0/23

Out: -7.626 ± 0.237 χ^2/NDF : 2591.9/27

All: -8.361 ± 0.170 χ^2/NDF : 4551.6/51

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.229 ± 0.421 χ^2/NDF : 1353.0/8

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

Left In: -86.381 ± 0.432 χ^2/NDF : 877.1/6

Left: -84.249 ± 0.302 χ^2/NDF : 2277.4/15

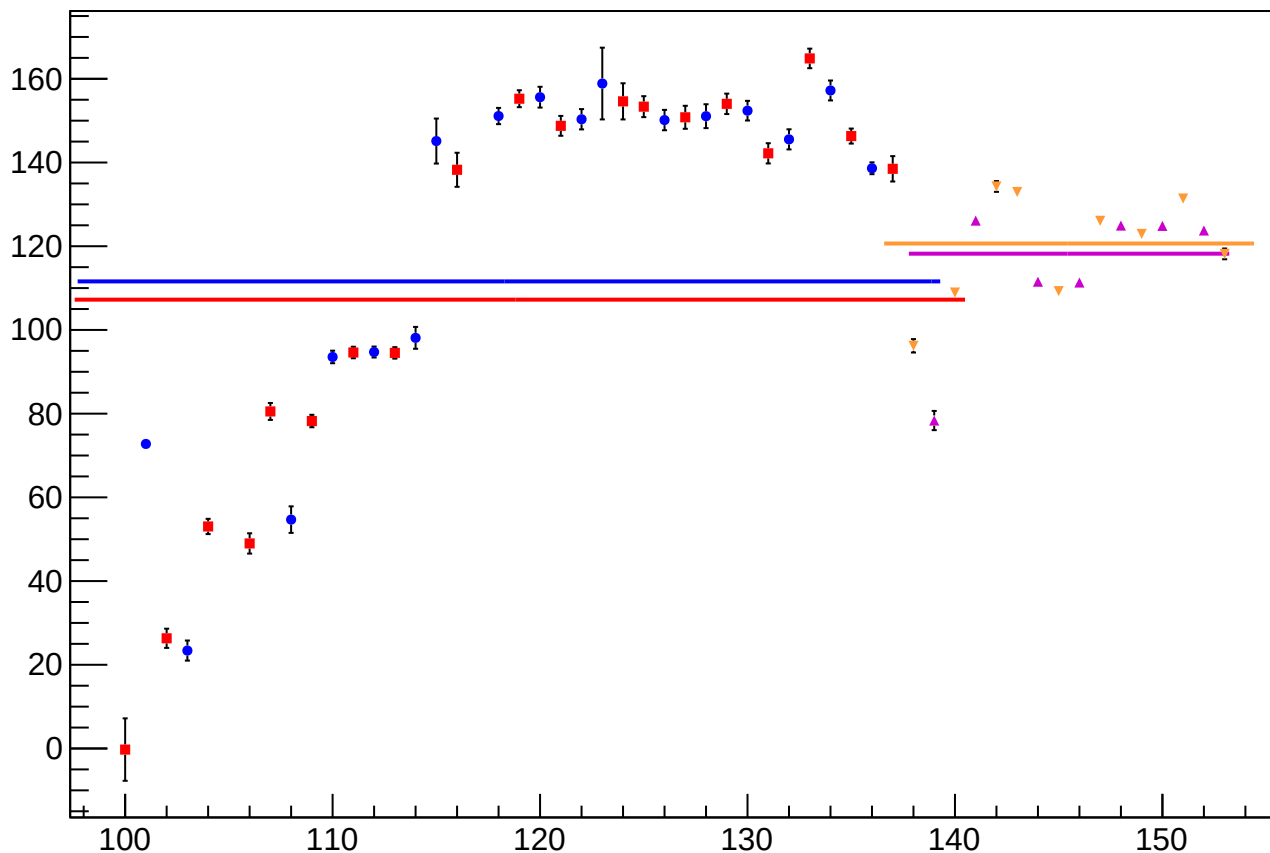
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -79.519 ± 0.374 χ^2/NDF : 3594.7/23

Out: -76.513 ± 0.361 χ^2/NDF : 3437.6/27

All: -77.965 ± 0.260 χ^2/NDF : 7065.7/51

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 120.649 $\pm$ 0.349 χ^2 /NDF:934.8/8

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

Left In: 118.219 $\pm$ 0.364 χ^2 /NDF:645.2/6

Left: 119.486 $\pm$ 0.252 χ^2 /NDF: 1603.2/15

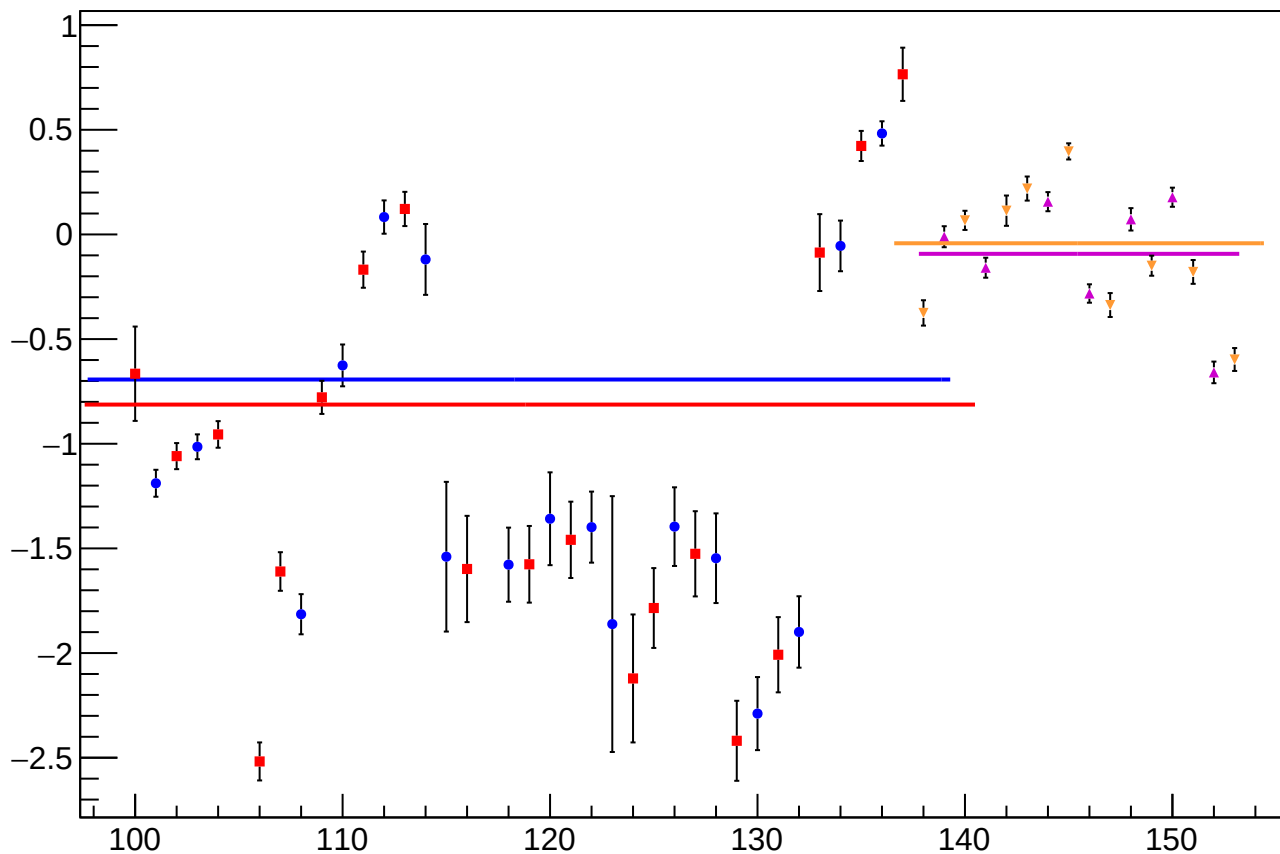
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 115.846 $\pm$ 0.291 χ^2 /NDF:6723.4/23

Out: 116.114 $\pm$ 0.284 χ^2 /NDF:8472.7/27

All: 115.983 $\pm$ 0.203 χ^2 /NDF: 15196.5/51

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.042 ± 0.017 χ^2/NDF : 330.8/8

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: -0.093 ± 0.018 χ^2/NDF : 217.7/6

Left: -0.066 ± 0.013 χ^2/NDF : 552.5/15

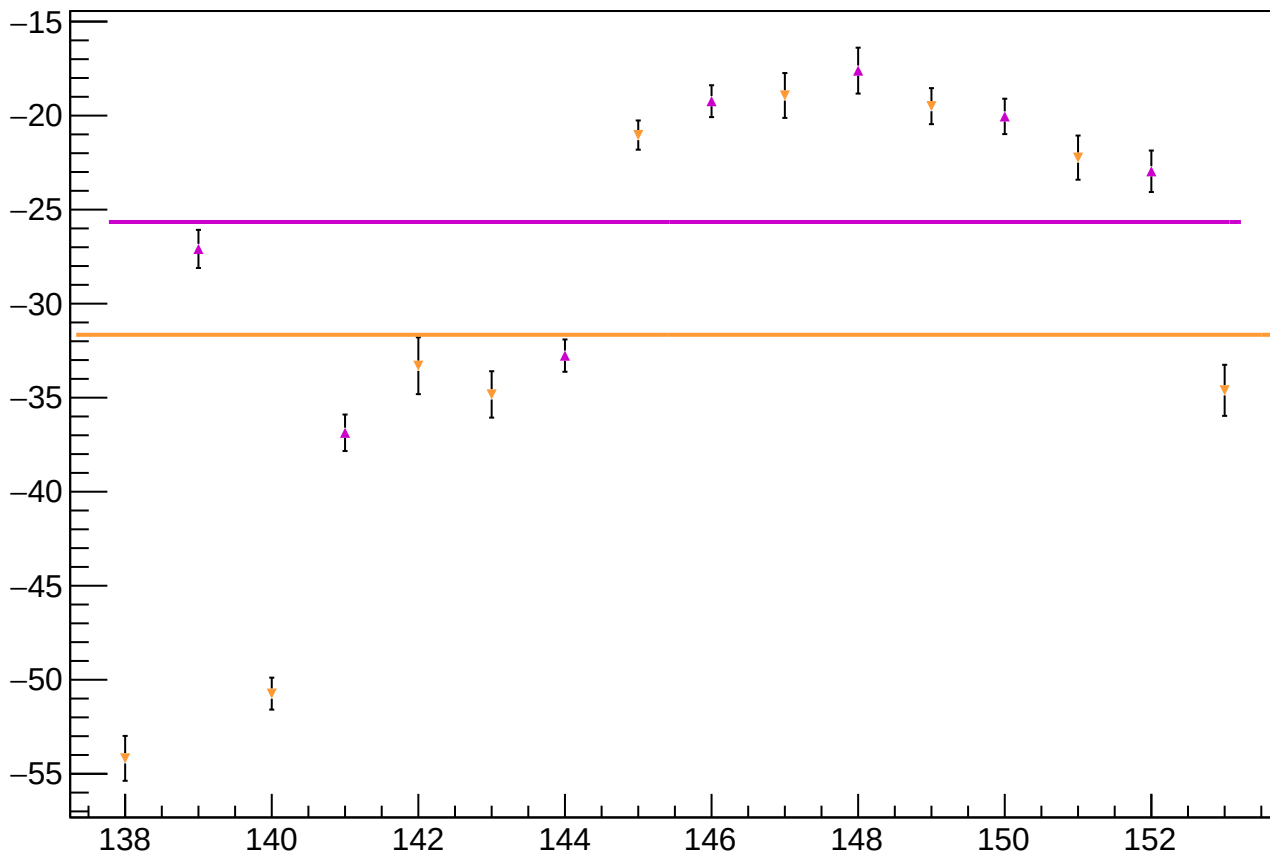
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.292 ± 0.015 χ^2/NDF : 1573.6/23

Out: -0.303 ± 0.014 χ^2/NDF : 2304.6/27

All: -0.298 ± 0.010 χ^2/NDF : 3878.5/51

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



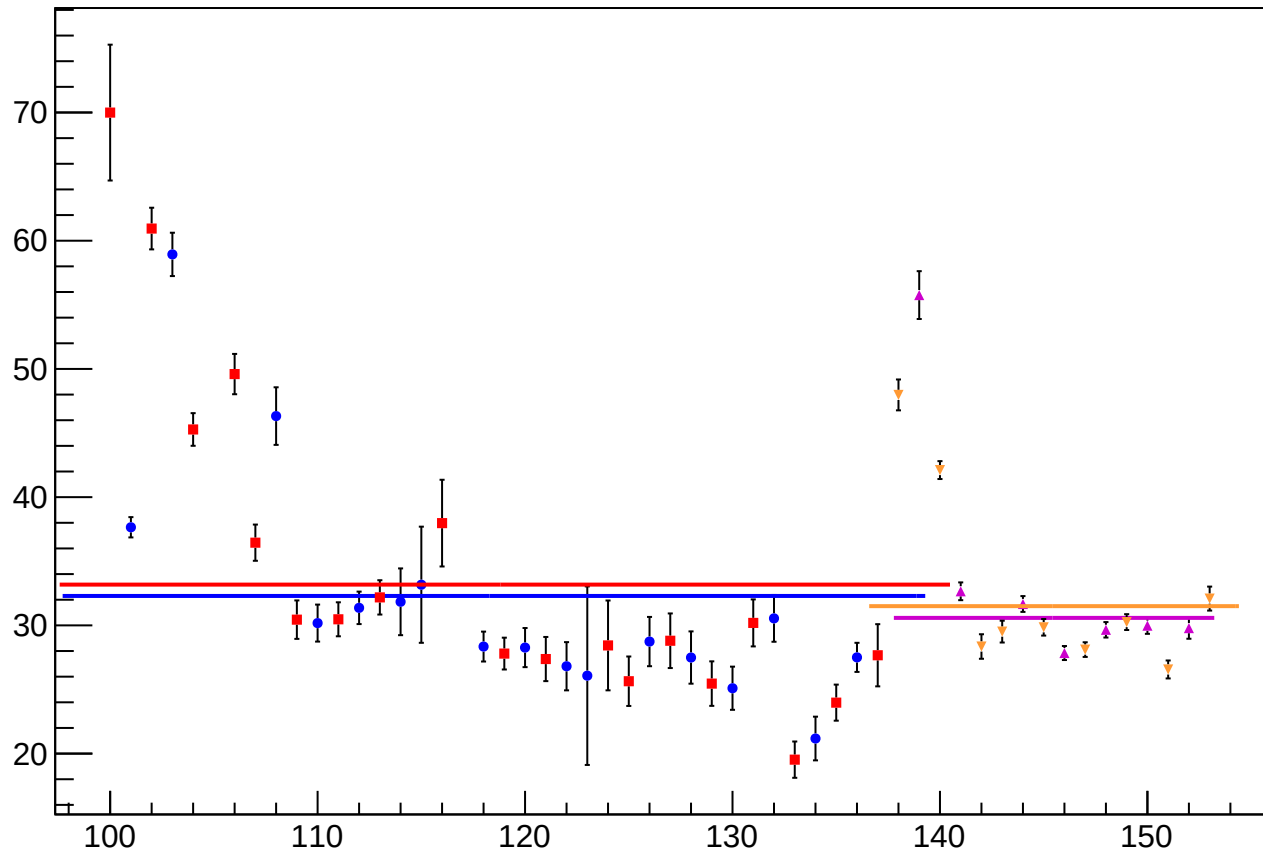
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -31.656 $\pm$ 0.356 χ^2 /NDF:1398.9/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -25.658 $\pm$ 0.367 χ^2 /NDF:346.3/6

Left: -28.754 $\pm$ 0.256 χ^2 /NDF: 1882.7/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -25.658 $\pm$ 0.367 χ^2 /NDF:346.3/6
 Out: -31.656 $\pm$ 0.356 χ^2 /NDF:1398.9/8

All: -28.754 $\pm$ 0.256 χ^2 /NDF: 1882.7/15

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF : 452.2/16

Left Out: 31.499+/-0.246 χ^2/NDF : 530.8/8

Right Out: 33.180+/-0.379 χ^2/NDF : 770.3/18

Left In: 30.584+/-0.258 χ^2/NDF : 223.7/6

Left: 31.063+/-0.178 χ^2/NDF : 761.0/15

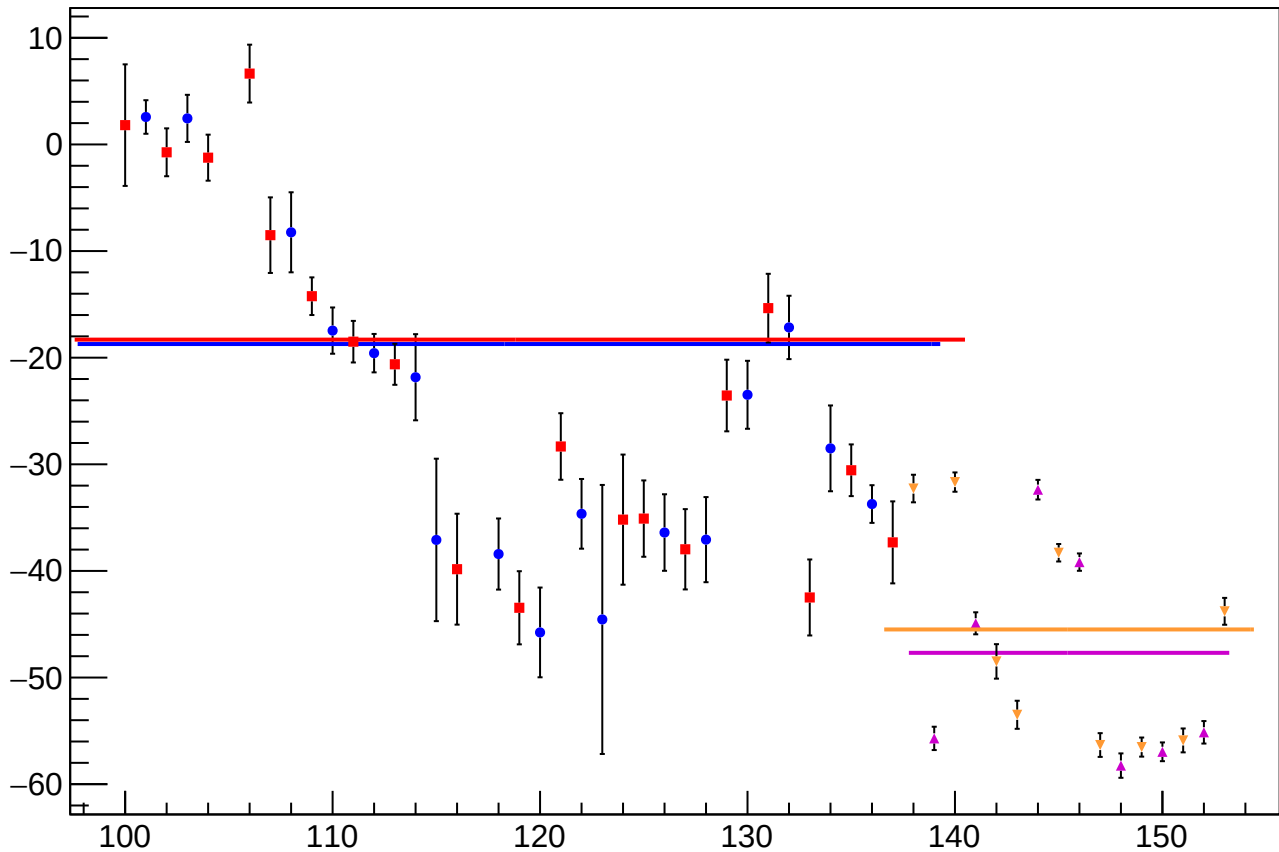
Right: 32.730+/-0.266 χ^2/NDF : 1225.3/35

In: 31.138+/-0.212 χ^2/NDF : 690.1/23

Out: 31.998+/-0.207 χ^2/NDF : 1314.9/27

All: 31.579+/-0.148 χ^2/NDF : 2013.4/51

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -45.490 ± 0.359 $\chi^2/\text{NDF}: 789.1/8$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

Left In: -47.683 ± 0.367 $\chi^2/\text{NDF}: 692.9/6$

Left: -46.563 ± 0.257 $\chi^2/\text{NDF}: 1500.3/15$

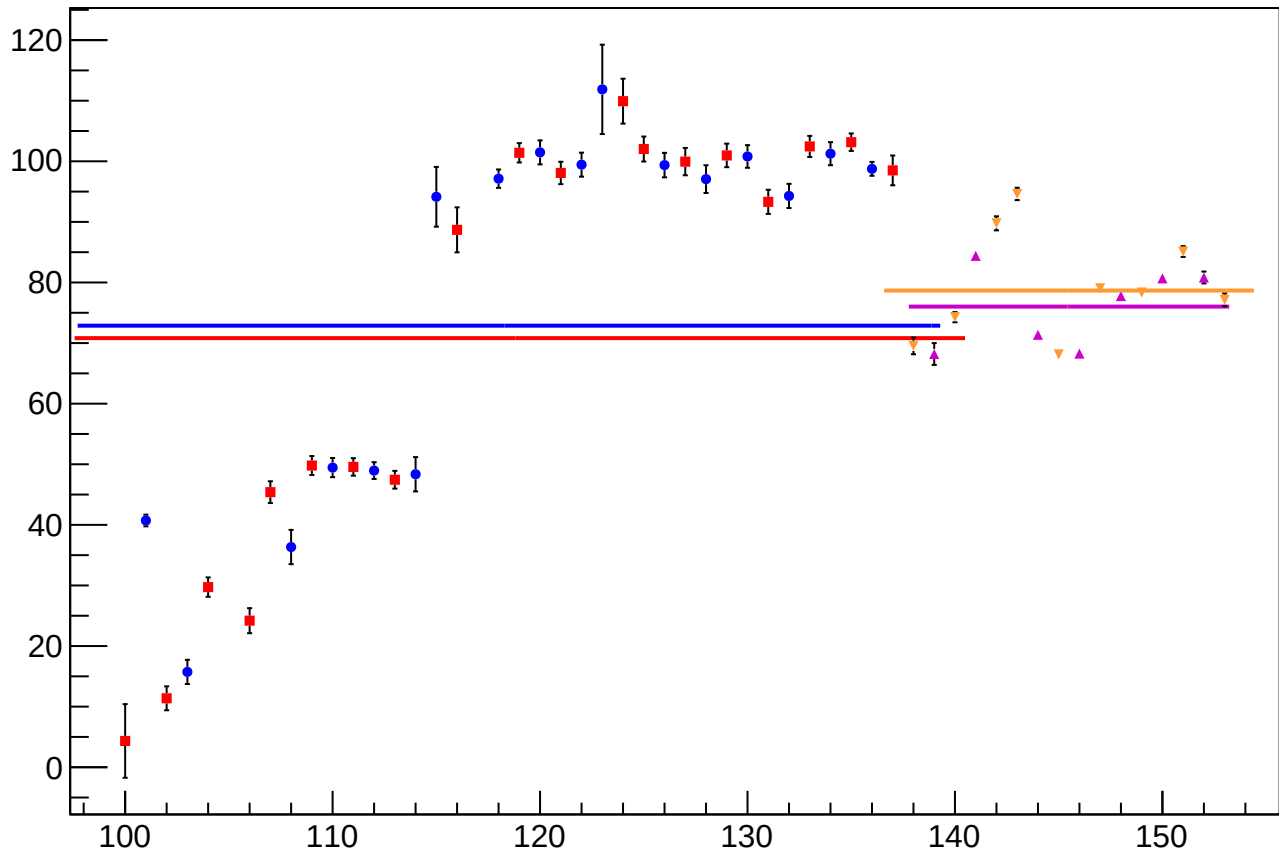
Right: -18.506 ± 0.463 $\chi^2/\text{NDF}: 992.4/35$

In: -40.921 ± 0.322 $\chi^2/\text{NDF}: 2664.7/23$

Out: -39.027 ± 0.314 $\chi^2/\text{NDF}: 2621.9/27$

All: -39.951 ± 0.225 $\chi^2/\text{NDF}: 5304.4/51$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2 /NDF: 4737.9/16

Left Out: 78.671+/-0.301 χ^2 /NDF: 664.8/8

Right Out: 70.815+/-0.433 χ^2 /NDF: 5489.3/18

Left In: 76.021+/-0.314 χ^2 /NDF: 361.3/6

Left: 77.403+/-0.217 χ^2 /NDF: 1063.3/15

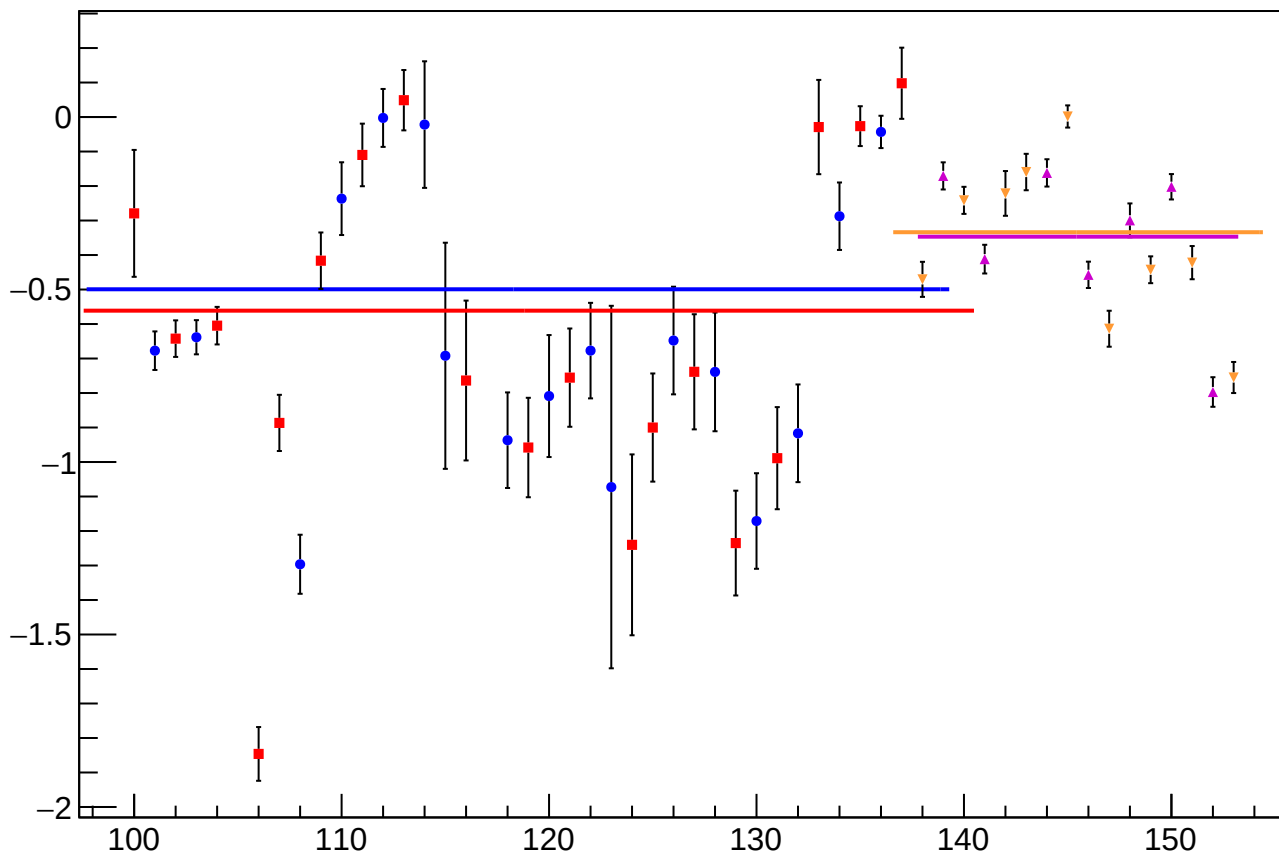
Right: 71.863+/-0.304 χ^2 /NDF: 10238.7/35

In: 74.913+/-0.253 χ^2 /NDF: 5134.6/23

Out: 76.116+/-0.247 χ^2 /NDF: 6376.0/27

All: 75.528+/-0.177 χ^2 /NDF: 11522.2/51

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.334 ± 0.015 χ^2/NDF : 262.9/8

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.347 ± 0.015 χ^2/NDF : 179.2/6

Left: -0.340 ± 0.011 χ^2/NDF : 442.5/15

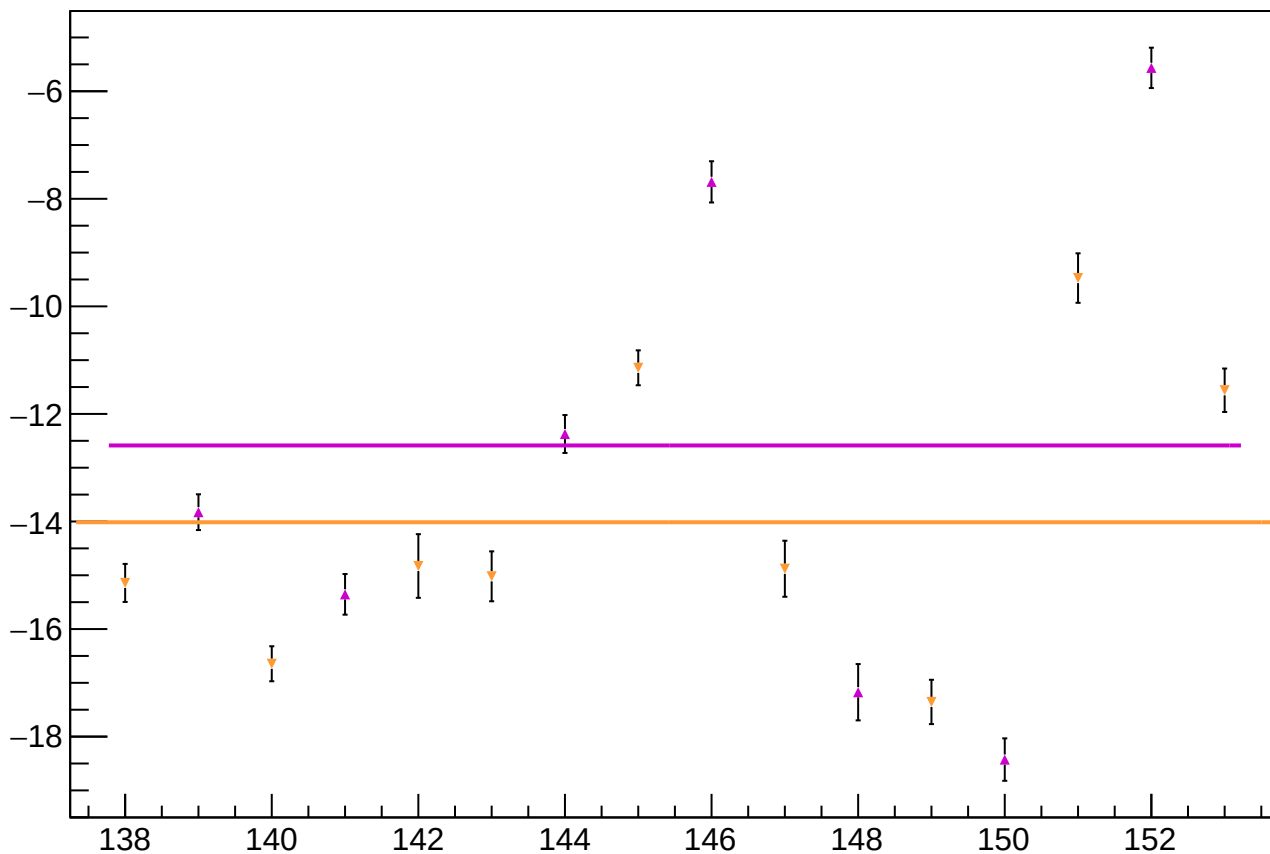
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.396 ± 0.013 χ^2/NDF : 514.5/23

Out: -0.408 ± 0.012 χ^2/NDF : 901.5/27

All: -0.402 ± 0.009 χ^2/NDF : 1416.5/51

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: -14.014+/-0.135 χ^2/NDF :363.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.586+/-0.144 χ^2/NDF :877.1/6

Left: -13.347+/-0.099 χ^2/NDF : 1292.6/15

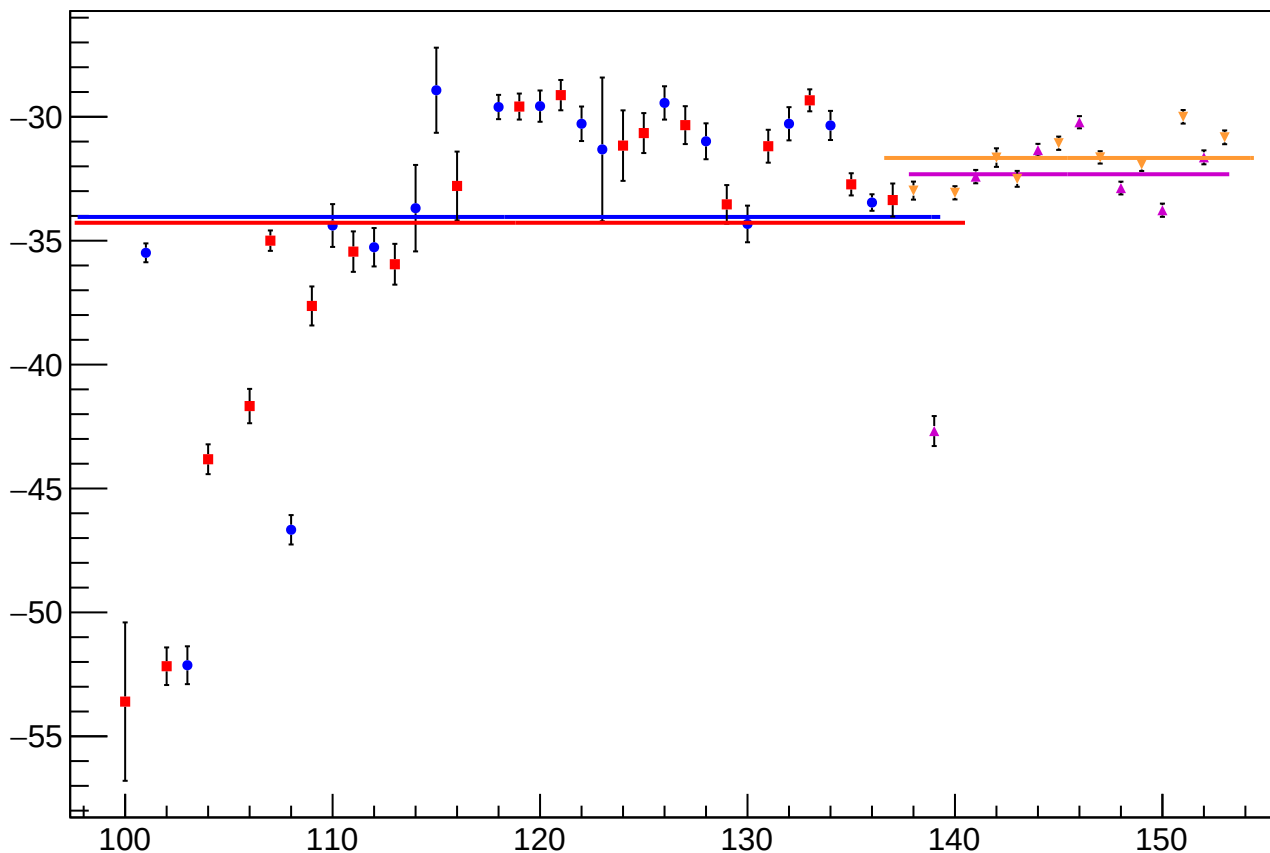
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.586+/-0.144 χ^2/NDF :877.1/6

Out: -14.014+/-0.135 χ^2/NDF :363.2/8

All: -13.347+/-0.099 χ^2/NDF : 1292.6/15

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -31.661 ± 0.096 χ^2/NDF : 99.1/8

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

Left In: -32.318 ± 0.105 χ^2/NDF : 420.5/6

Left: -31.959 ± 0.071 χ^2/NDF : 540.8/15

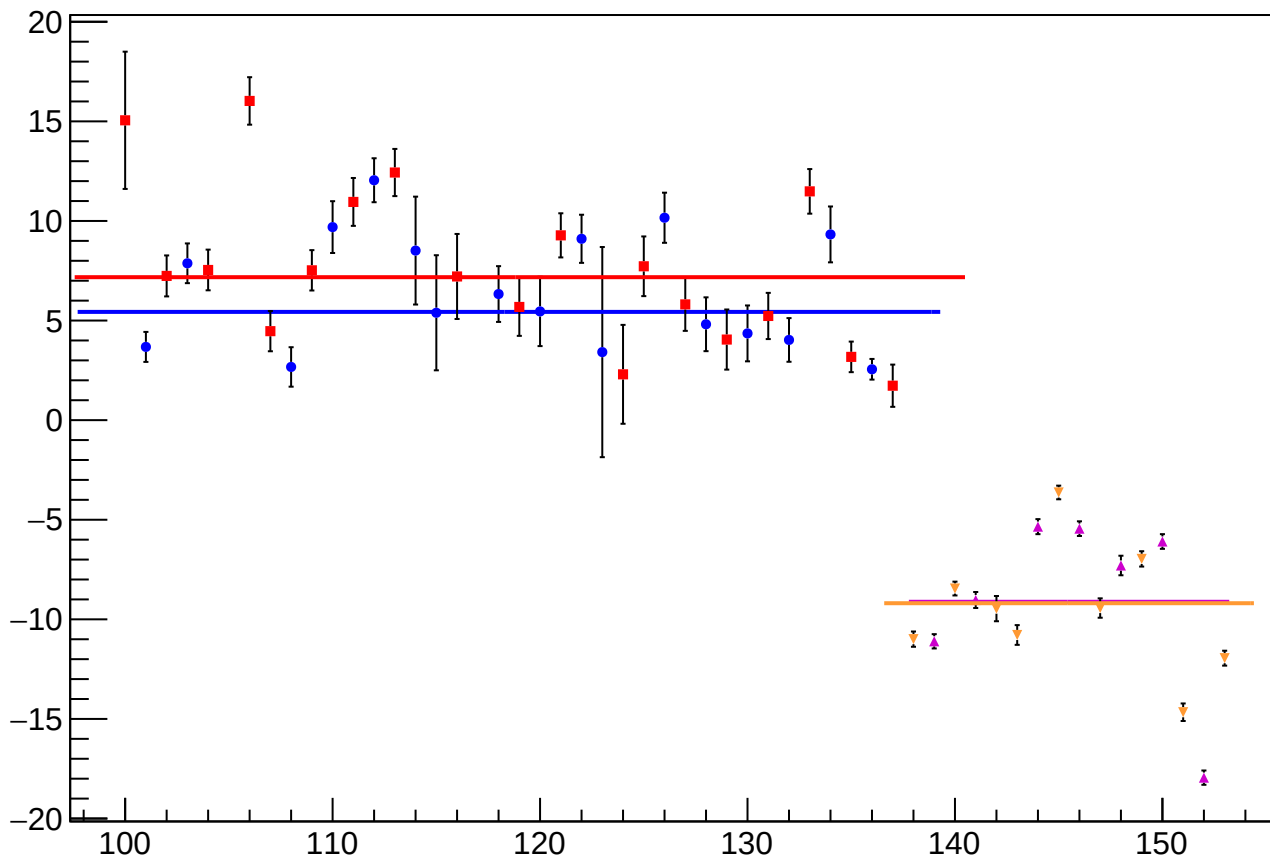
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -32.884 ± 0.086 χ^2/NDF : 1849.1/23

Out: -32.415 ± 0.081 χ^2/NDF : 1662.6/27

All: -32.635 ± 0.059 χ^2/NDF : 3527.4/51

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 $\chi^2/\text{NDF}: 132.0/16$

Left Out: -9.191 ± 0.137 $\chi^2/\text{NDF}: 542.3/8$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

Left In: -9.119 ± 0.145 $\chi^2/\text{NDF}: 915.7/6$

Left: -9.157 ± 0.099 $\chi^2/\text{NDF}: 1458.2/15$

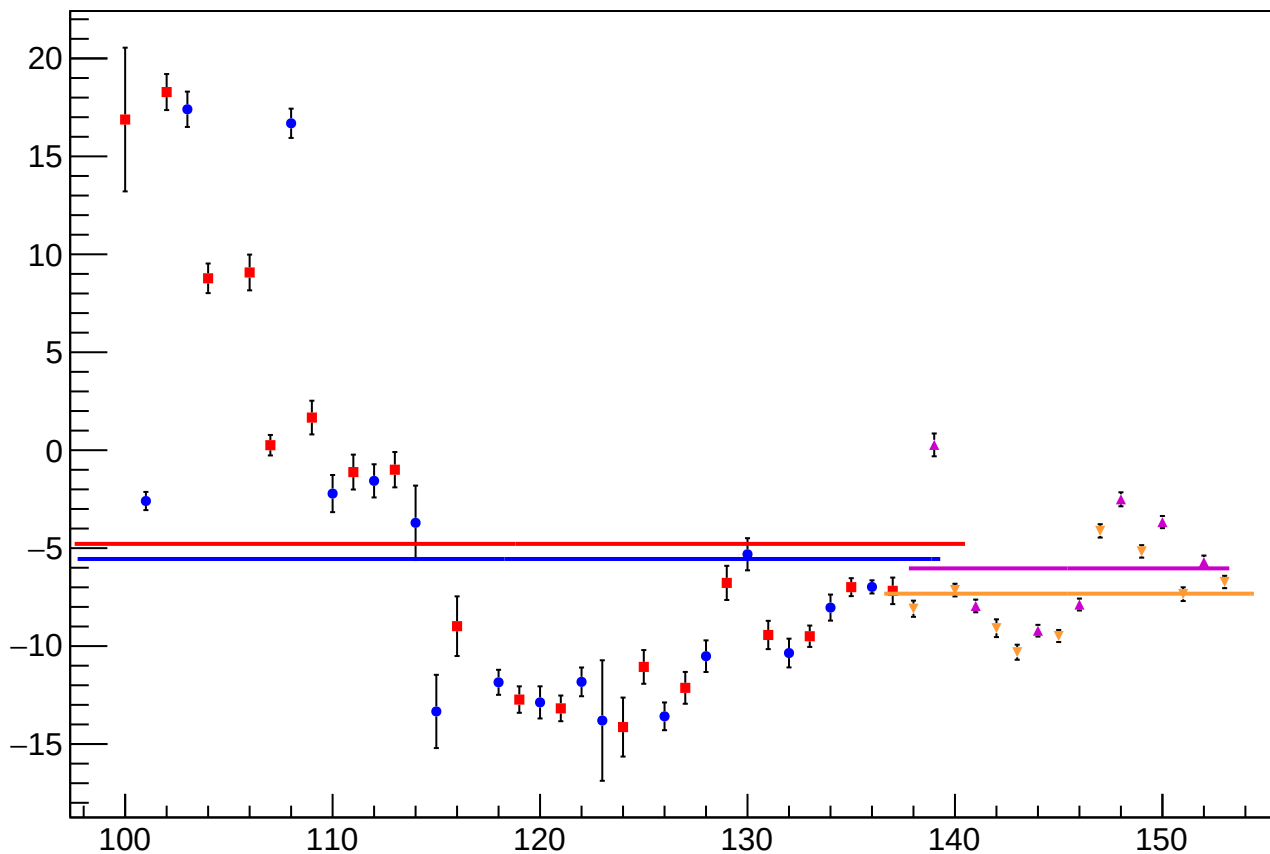
Right: 6.291 ± 0.192 $\chi^2/\text{NDF}: 335.1/35$

In: -5.854 ± 0.128 $\chi^2/\text{NDF}: 3308.6/23$

Out: -5.928 ± 0.122 $\chi^2/\text{NDF}: 3578.7/27$

All: -5.893 ± 0.088 $\chi^2/\text{NDF}: 6887.5/51$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.324 ± 0.116 χ^2/NDF : 265.4/8

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

Left In: -6.033 ± 0.127 χ^2/NDF : 457.9/6

Left: -6.737 ± 0.086 χ^2/NDF : 779.4/15

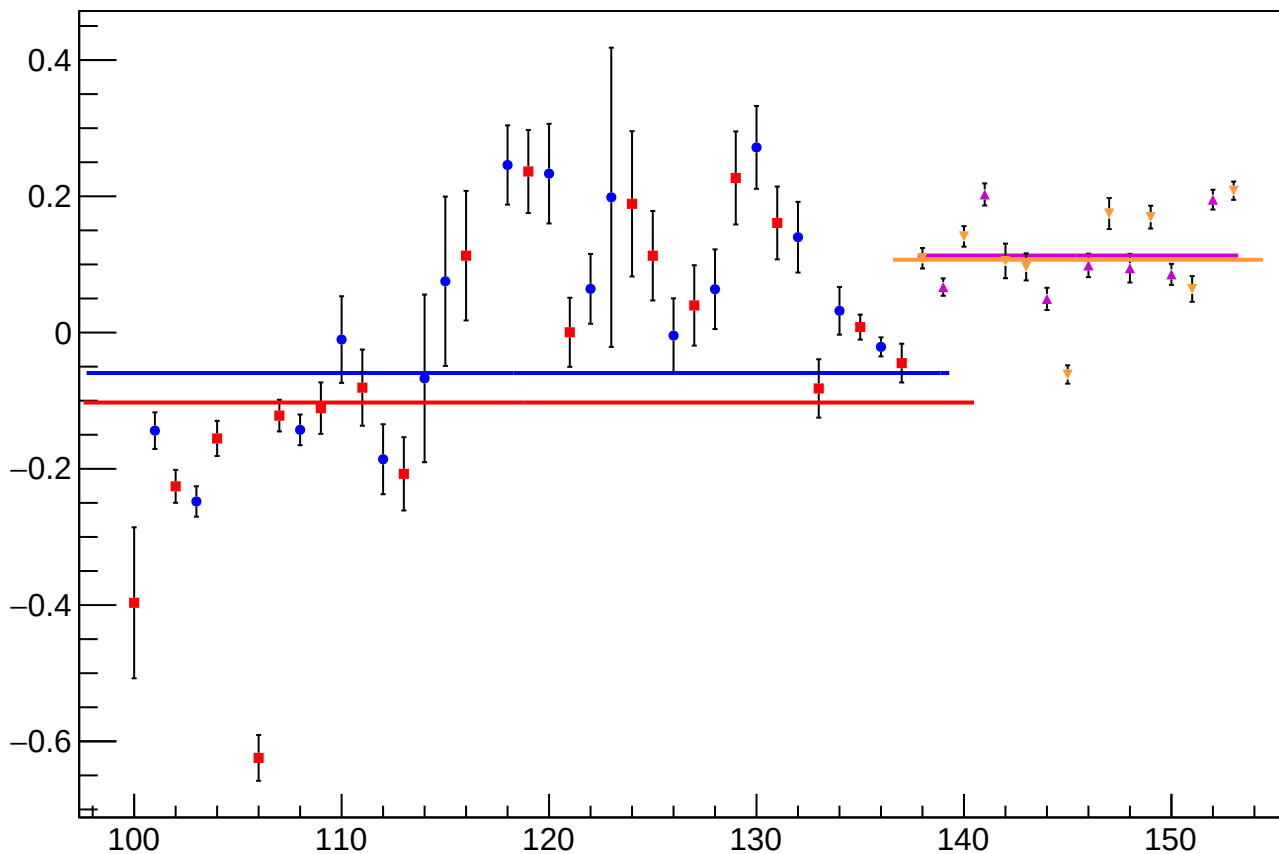
Right: -5.174 ± 0.121 χ^2/NDF : 4175.8/35

In: -5.861 ± 0.102 χ^2/NDF : 2588.3/23

Out: -6.532 ± 0.096 χ^2/NDF : 2454.8/27

All: -6.215 ± 0.070 χ^2/NDF : 5066.0/51

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.107 ± 0.006 χ^2/NDF : 247.6/8

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.113 ± 0.006 χ^2/NDF : 95.7/6

Left: 0.110 ± 0.004 χ^2/NDF : 343.9/15

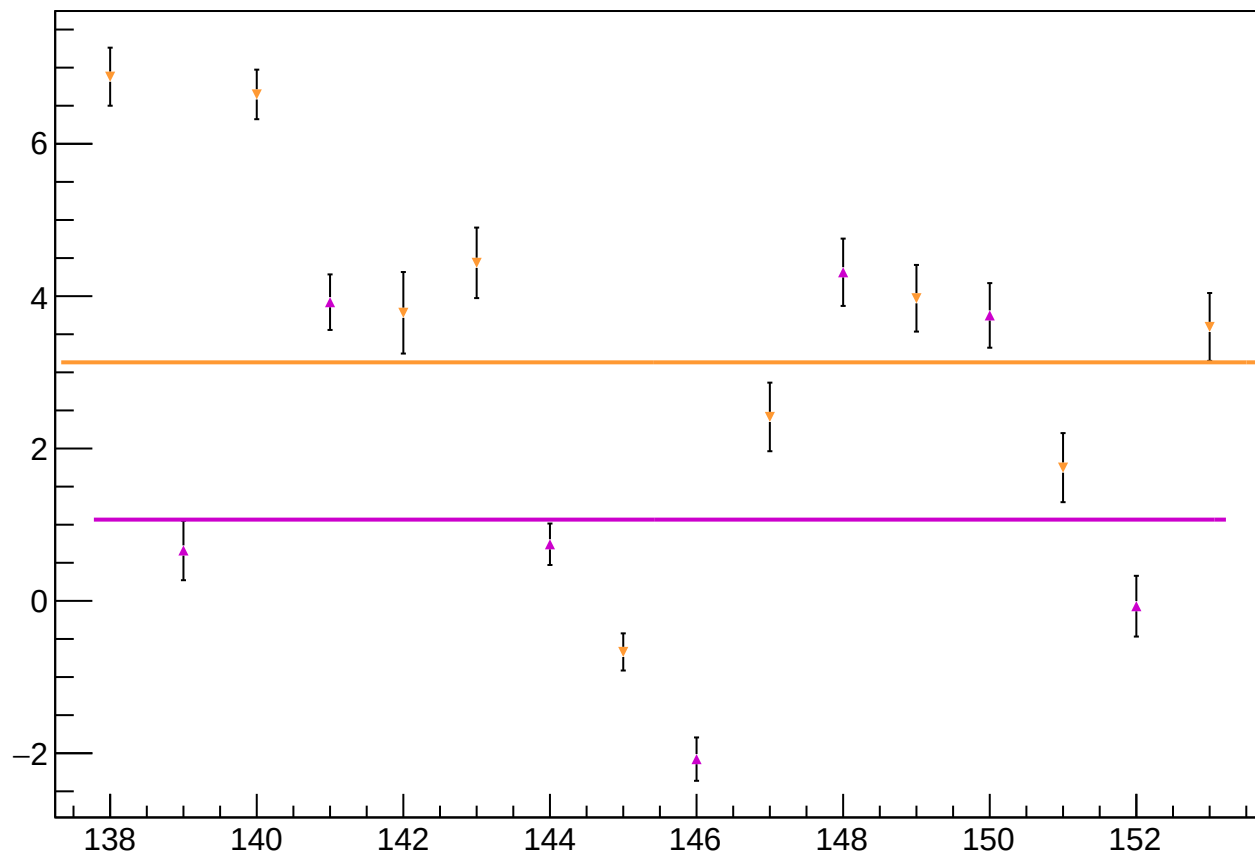
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.055 ± 0.005 χ^2/NDF : 594.3/23

Out: 0.043 ± 0.005 χ^2/NDF : 1114.4/27

All: 0.049 ± 0.003 χ^2/NDF : 1712.0/51

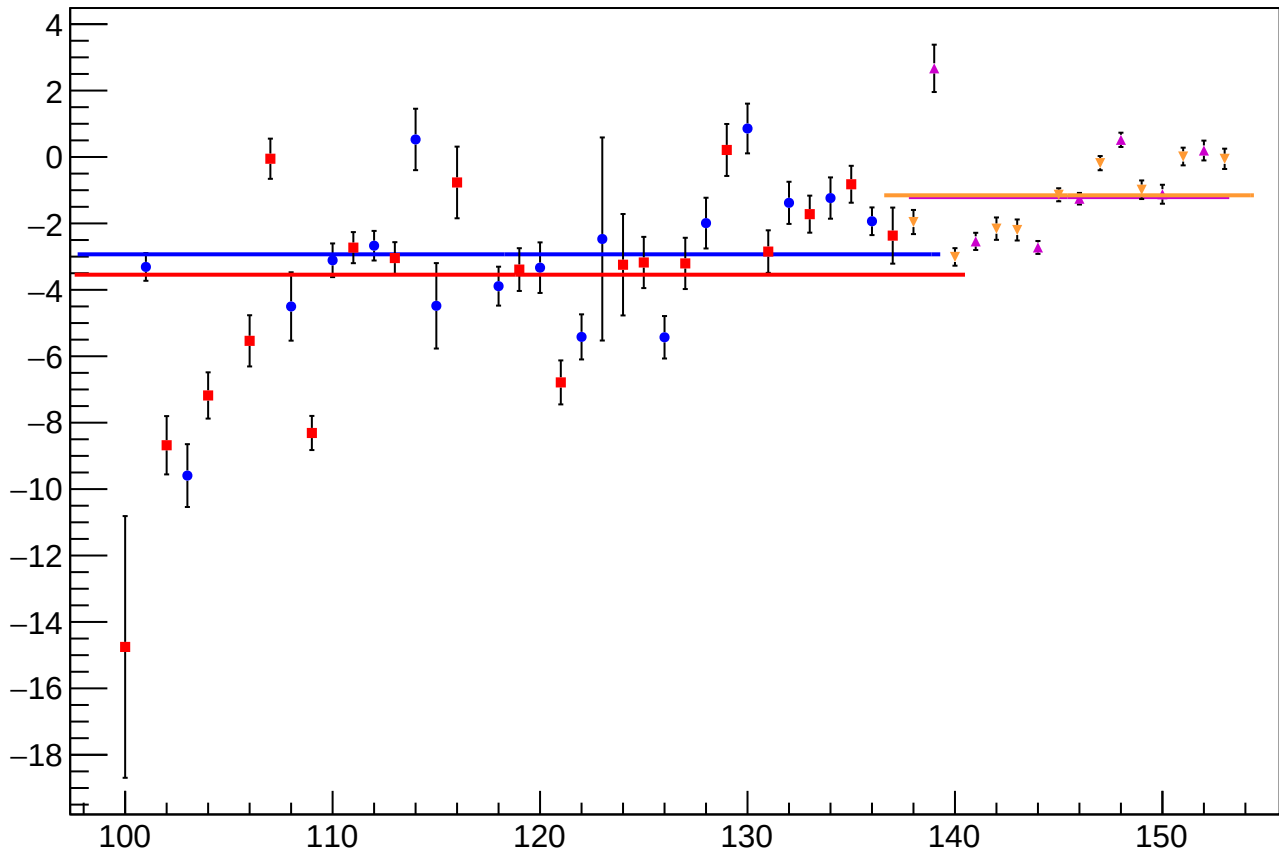
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.131+/-0.128 χ^2/NDF : 482.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.067+/-0.133 χ^2/NDF : 288.0/6

Left: 2.138+/-0.092 χ^2/NDF : 896.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.067+/-0.133 χ^2/NDF : 288.0/6
 Out: 3.131+/-0.128 χ^2/NDF : 482.8/8
 All: 2.138+/-0.092 χ^2/NDF : 896.6/15

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.154 ± 0.089 χ^2/NDF : 127.1/8

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: -1.208 ± 0.091 χ^2/NDF : 203.3/6

Left: -1.180 ± 0.064 χ^2/NDF : 330.5/15

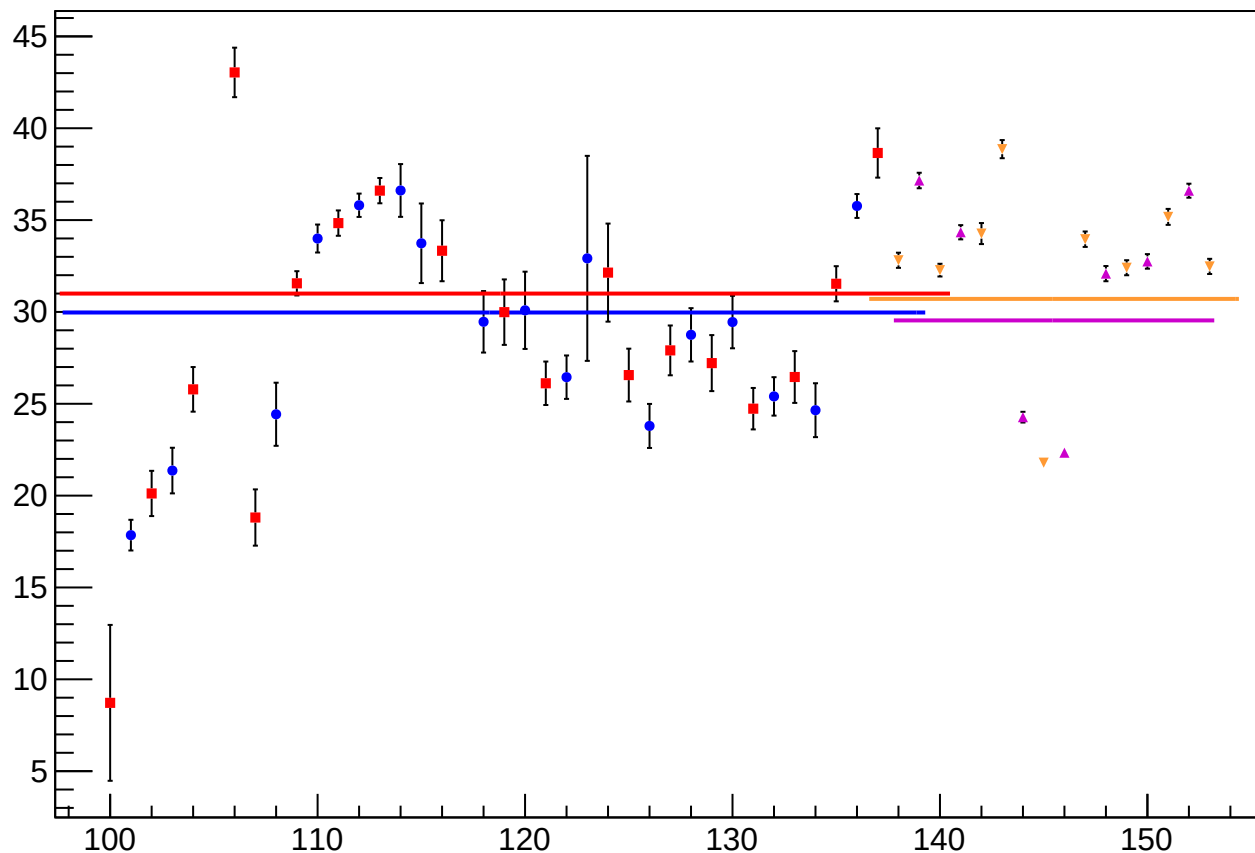
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -1.652 ± 0.078 χ^2/NDF : 442.7/23

Out: -1.749 ± 0.077 χ^2/NDF : 598.2/27

All: -1.701 ± 0.055 χ^2/NDF : 1041.7/51

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 30.710 $\pm$ 0.130 χ^2 /NDF:1736.9/8

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

Left In: 29.538 $\pm$ 0.133 χ^2 /NDF:1946.7/6

Left: 30.136 $\pm$ 0.093 χ^2 /NDF: 3723.2/15

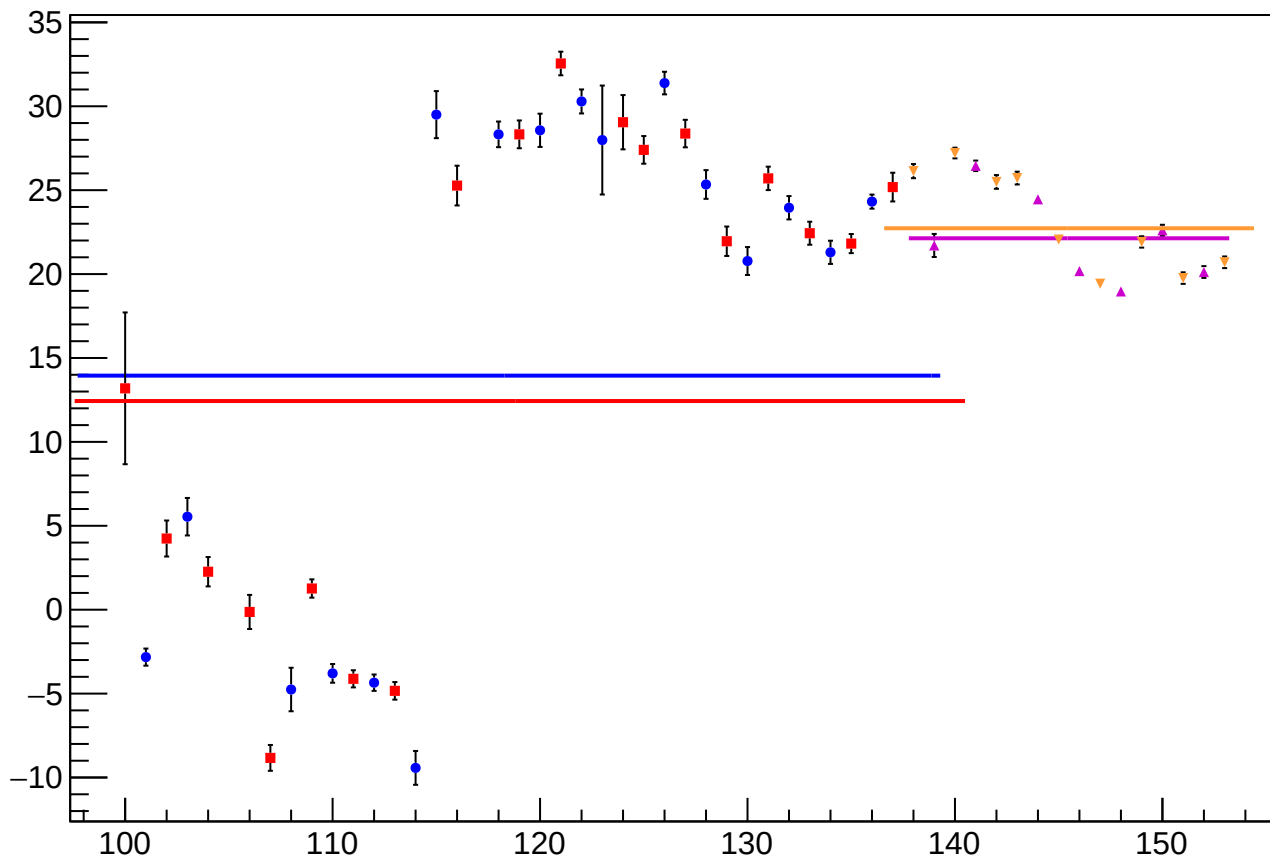
Right: 30.497 $\pm$ 0.186 χ^2 /NDF: 1041.5/35

In: 29.624 $\pm$ 0.119 χ^2 /NDF:2503.1/23

Out: 30.768 $\pm$ 0.116 χ^2 /NDF:2217.4/27

All: 30.209 $\pm$ 0.083 χ^2 /NDF: 4767.7/51

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.730 $\pm$ 0.109 χ^2 /NDF:617.9/8

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 22.133 $\pm$ 0.112 χ^2 /NDF:518.2/6

Left: 22.440 $\pm$ 0.078 χ^2 /NDF: 1150.8/15

Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 19.703 $\pm$ 0.094 χ^2 /NDF:9502.9/23

Out: 19.835 $\pm$ 0.092 χ^2 /NDF:10106.4/27

All: 19.770 $\pm$ 0.066 χ^2 /NDF: 19610.3/51

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF : 846.2/16

Left Out: -0.091+/-0.005 χ^2/NDF : 73.5/8

Right Out: 0.139+/-0.009 χ^2/NDF : 3016.8/18

Left In: -0.080+/-0.006 χ^2/NDF : 49.4/6

Left: -0.086+/-0.004 χ^2/NDF : 124.9/15

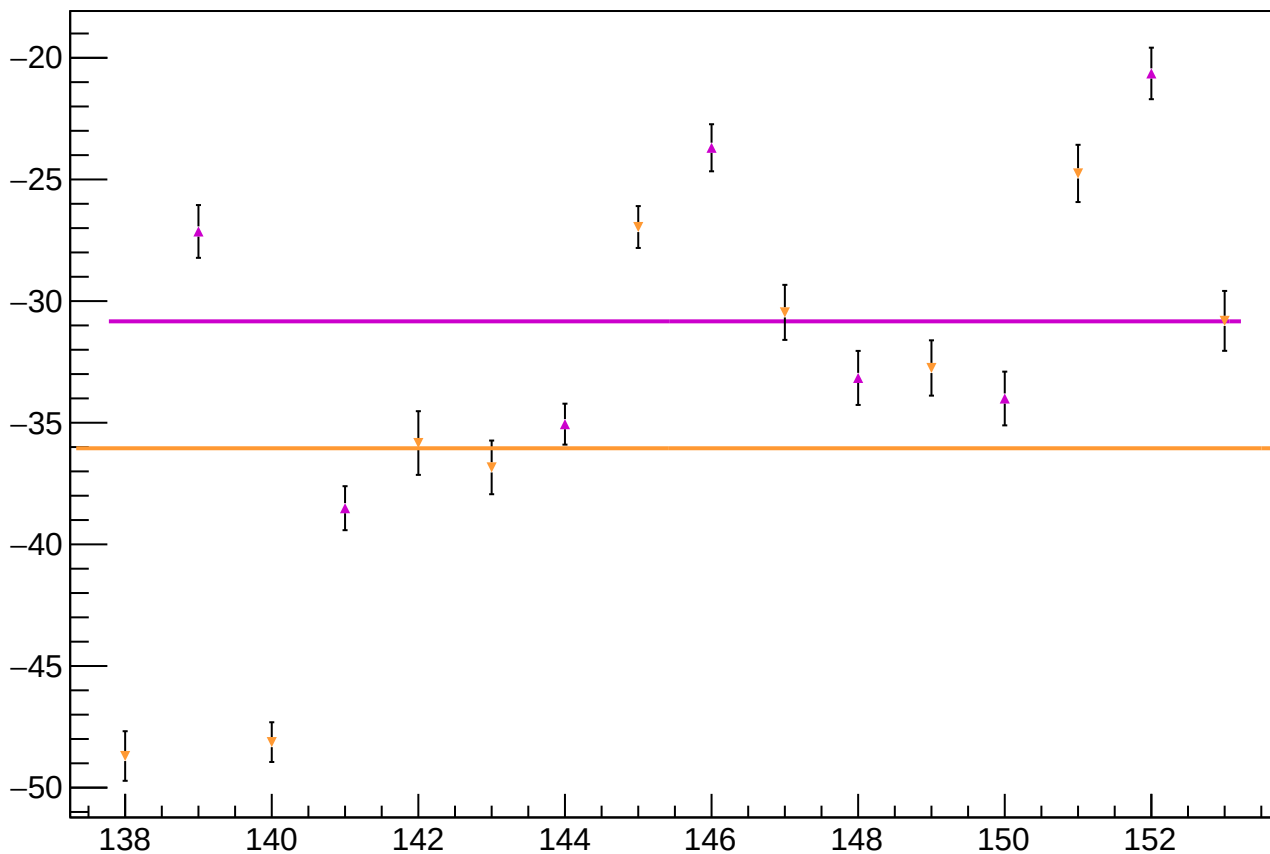
Right: 0.171+/-0.007 χ^2/NDF : 3888.5/35

In: -0.005+/-0.005 χ^2/NDF : 1580.8/23

Out: -0.033+/-0.005 χ^2/NDF : 3559.1/27

All: -0.020+/-0.003 χ^2/NDF : 5157.9/51

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



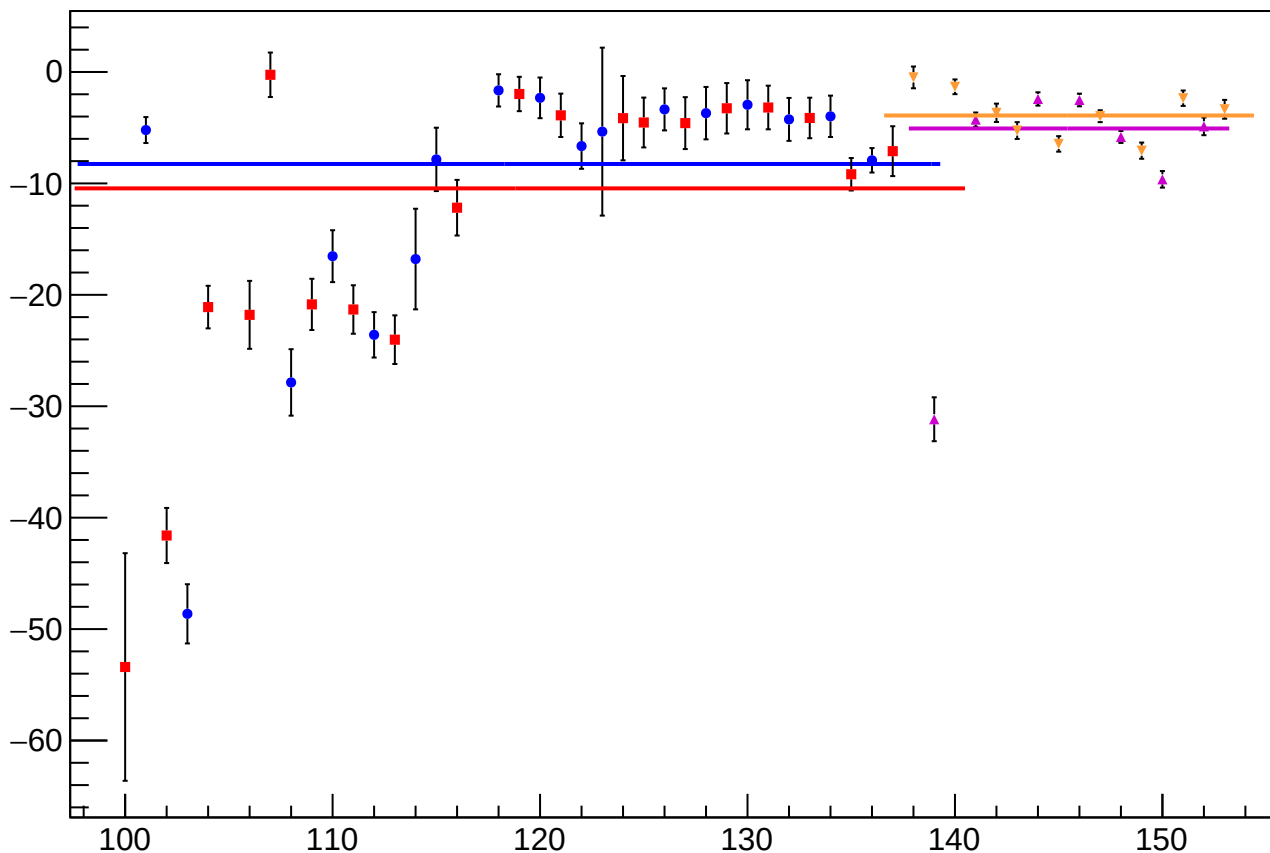
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.050+/-0.350 χ^2/NDF :628.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.832+/-0.376 χ^2/NDF :268.6/6

Left: -33.626+/-0.256 χ^2/NDF : 1000.0/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.832+/-0.376 χ^2/NDF :268.6/6
 Out: -36.050+/-0.350 χ^2/NDF :628.2/8

All: -33.626+/-0.256 χ^2/NDF : 1000.0/15

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.904 ± 0.239 χ^2/NDF : 68.5/8

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

Left In: -5.071 ± 0.255 χ^2/NDF : 256.5/6

Left: -4.451 ± 0.174 χ^2/NDF : 336.1/15

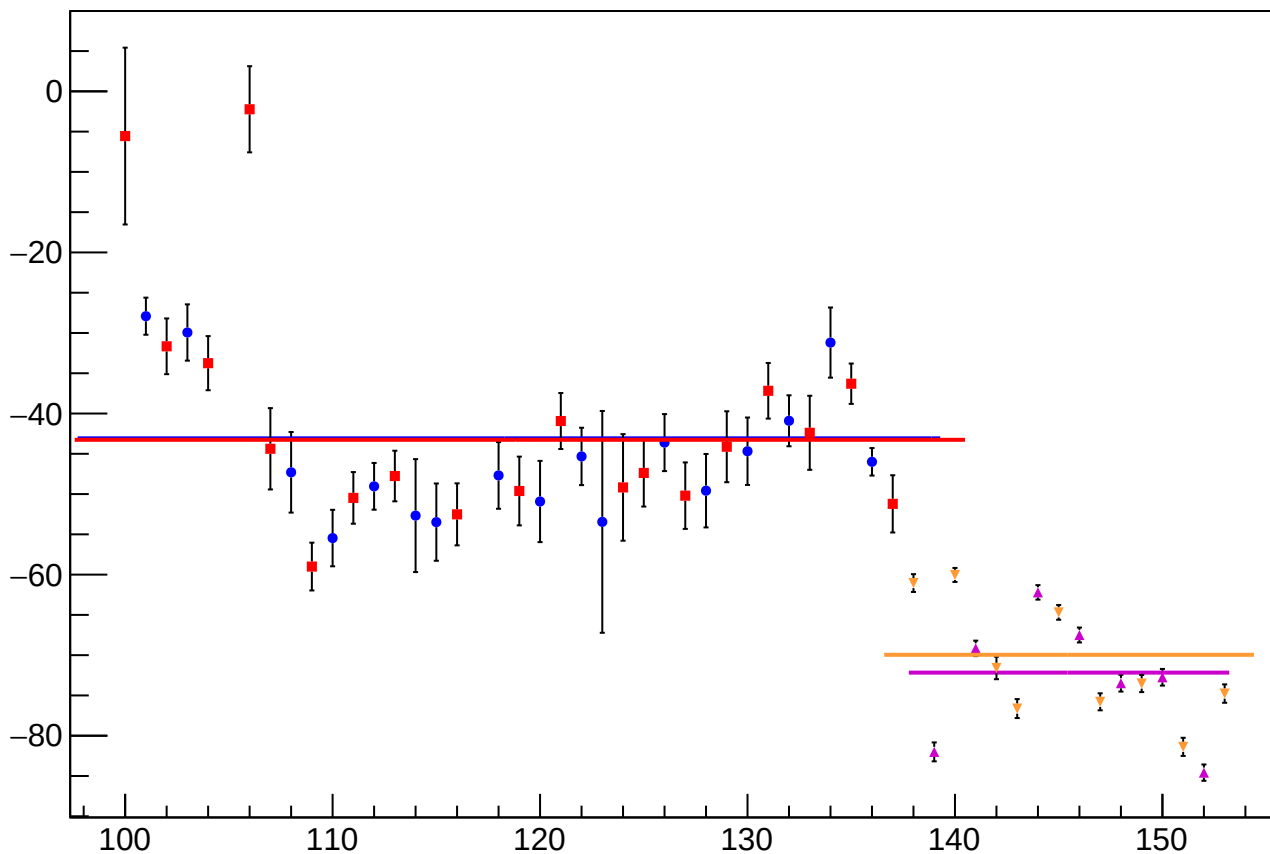
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -5.813 ± 0.223 χ^2/NDF : 705.1/23

Out: -5.157 ± 0.215 χ^2/NDF : 640.3/27

All: -5.473 ± 0.155 χ^2/NDF : 1349.9/51

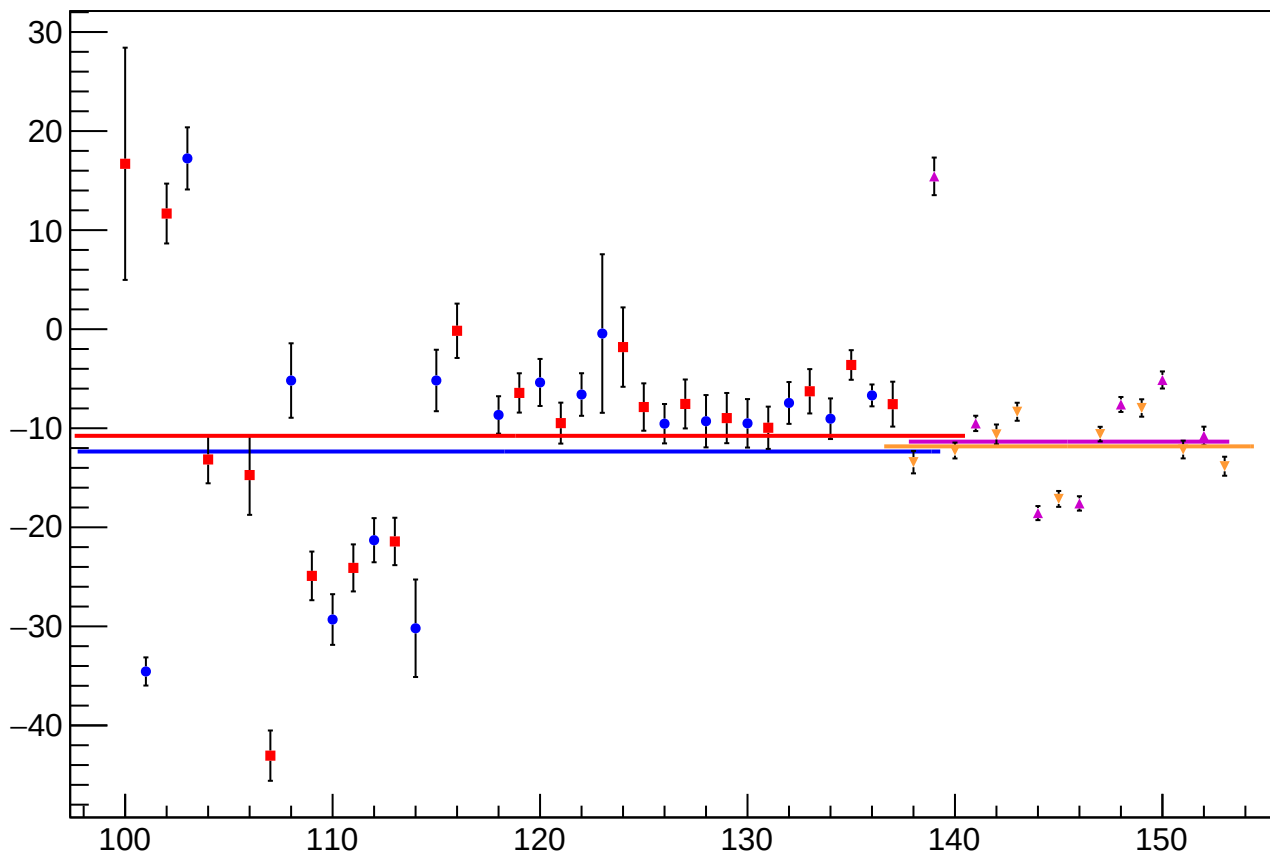
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$
 Left Out: -69.955 ± 0.356 $\chi^2/\text{NDF}: 424.2/8$
 Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -72.168 ± 0.377 $\chi^2/\text{NDF}: 380.0/6$

Left: -70.998 ± 0.259 $\chi^2/\text{NDF}: 822.4/15$
 Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$
 In: -67.239 ± 0.343 $\chi^2/\text{NDF}: 1488.7/23$
 Out: -66.106 ± 0.329 $\chi^2/\text{NDF}: 1390.6/27$
 All: -66.648 ± 0.238 $\chi^2/\text{NDF}: 2885.0/51$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -11.829 ± 0.294 χ^2/NDF : 88.9/8

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: -11.352 ± 0.315 χ^2/NDF : 458.4/6

Left: -11.607 ± 0.215 χ^2/NDF : 548.5/15

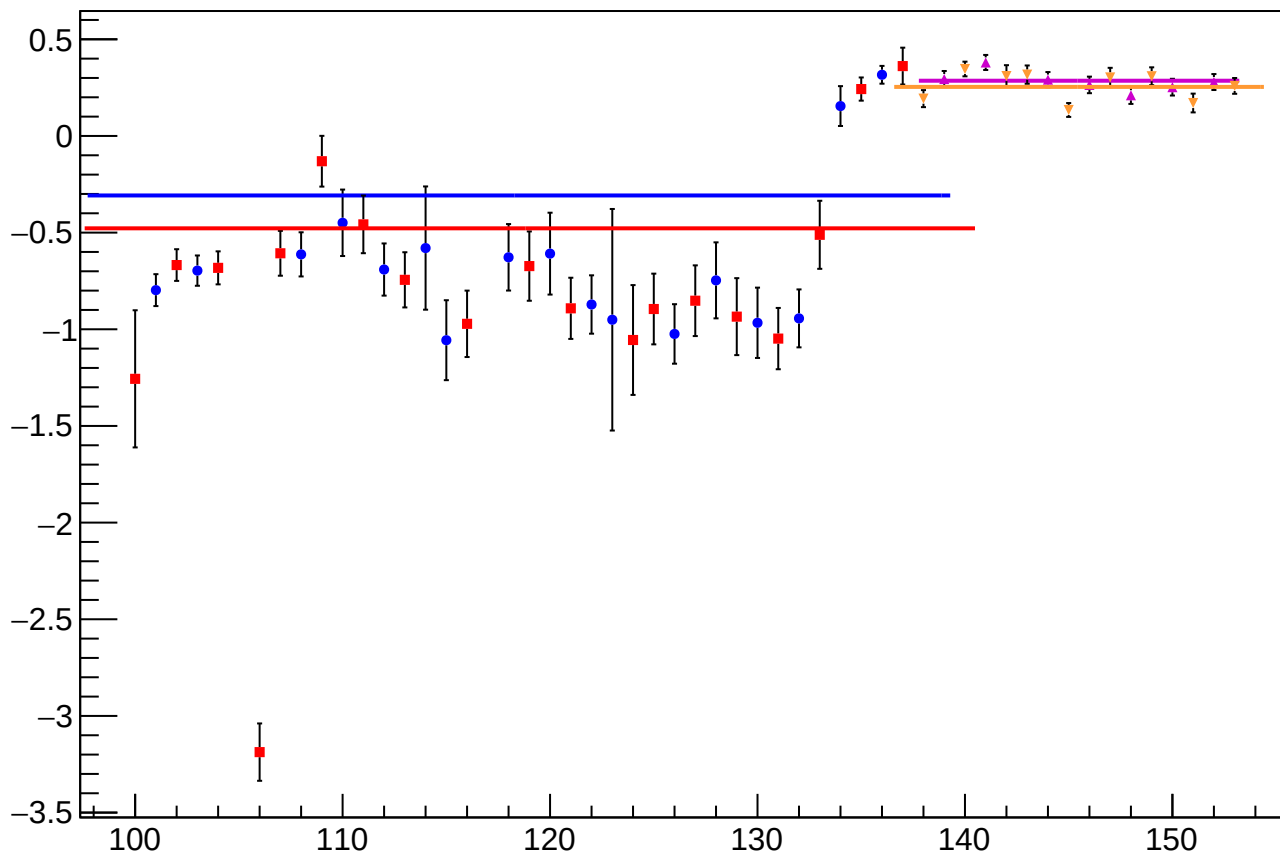
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -11.620 ± 0.270 χ^2/NDF : 937.0/23

Out: -11.595 ± 0.260 χ^2/NDF : 458.4/27

All: -11.607 ± 0.187 χ^2/NDF : 1395.5/51

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.254 ± 0.015 χ^2/NDF : 27.1/8

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.286 ± 0.016 χ^2/NDF : 9.7/6

Left: 0.269 ± 0.011 χ^2/NDF : 39.0/15

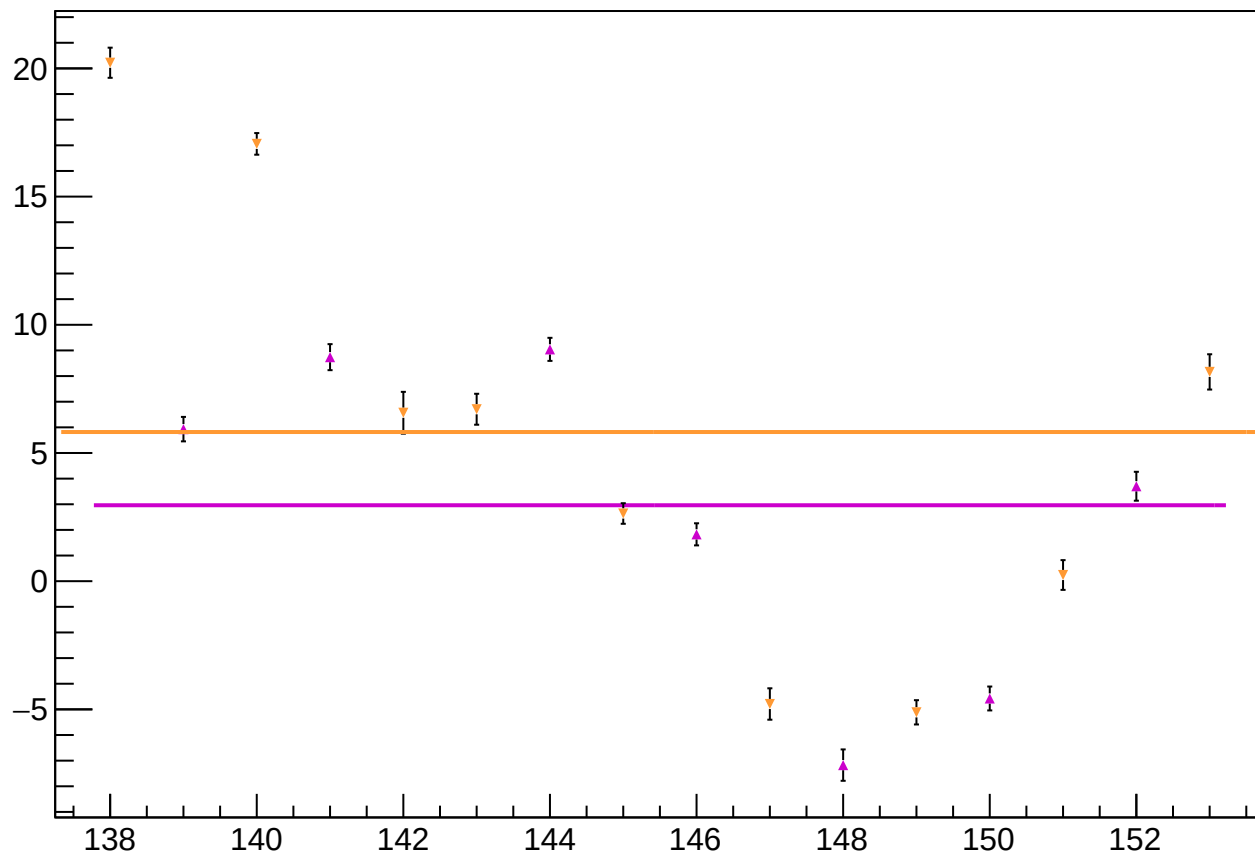
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.140 ± 0.014 χ^2/NDF : 733.1/23

Out: 0.101 ± 0.013 χ^2/NDF : 1178.3/27

All: 0.119 ± 0.009 χ^2/NDF : 1915.7/51

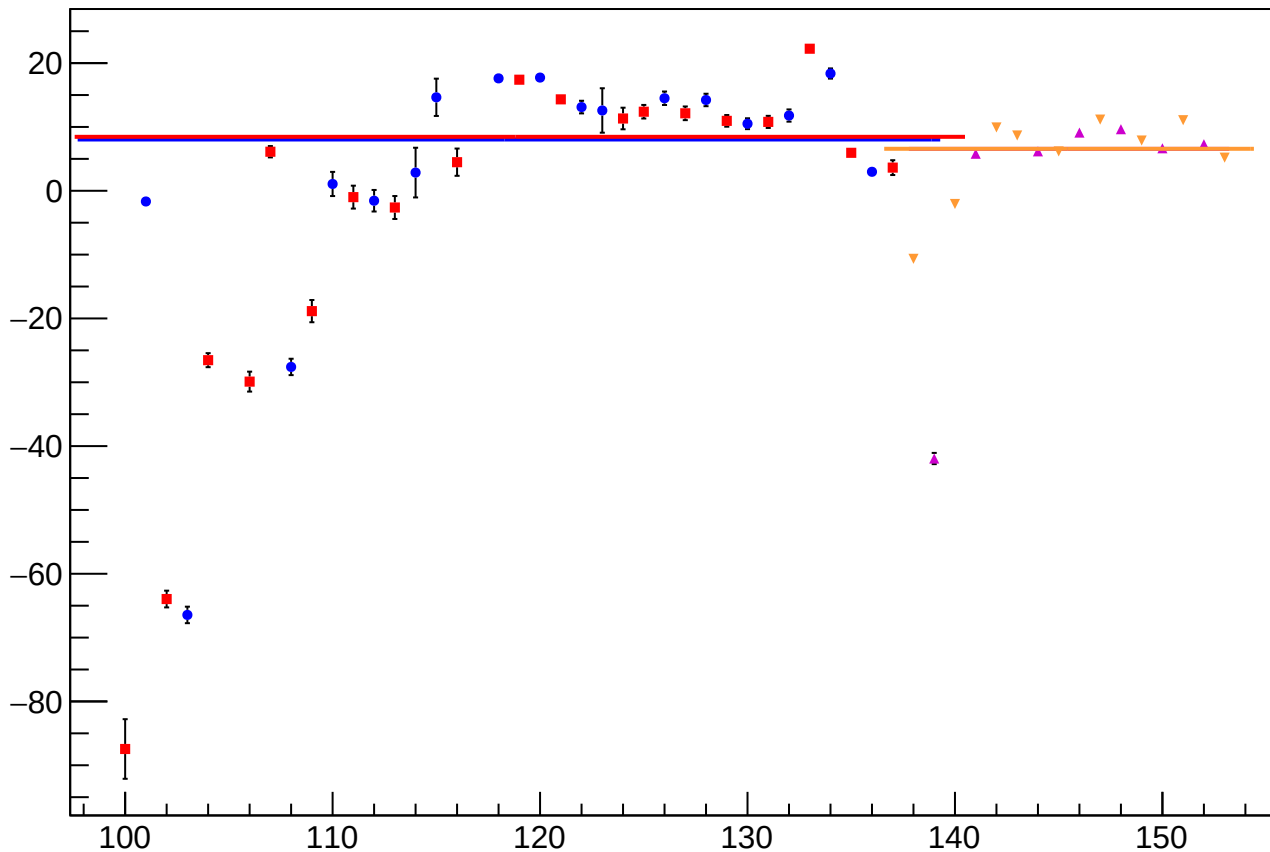
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.818+/-0.179 χ^2/NDF :2311.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.962+/-0.186 χ^2/NDF :895.8/6

Left: 4.441+/-0.129 χ^2/NDF : 3330.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.962+/-0.186 χ^2/NDF :895.8/6
 Out: 5.818+/-0.179 χ^2/NDF :2311.9/8
 All: 4.441+/-0.129 χ^2/NDF : 3330.3/15

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.578 ± 0.124 $\chi^2/\text{NDF}: 1952.3/8$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

Left In: 6.562 ± 0.131 $\chi^2/\text{NDF}: 3239.4/6$

Left: 6.571 ± 0.090 $\chi^2/\text{NDF}: 5191.8/15$

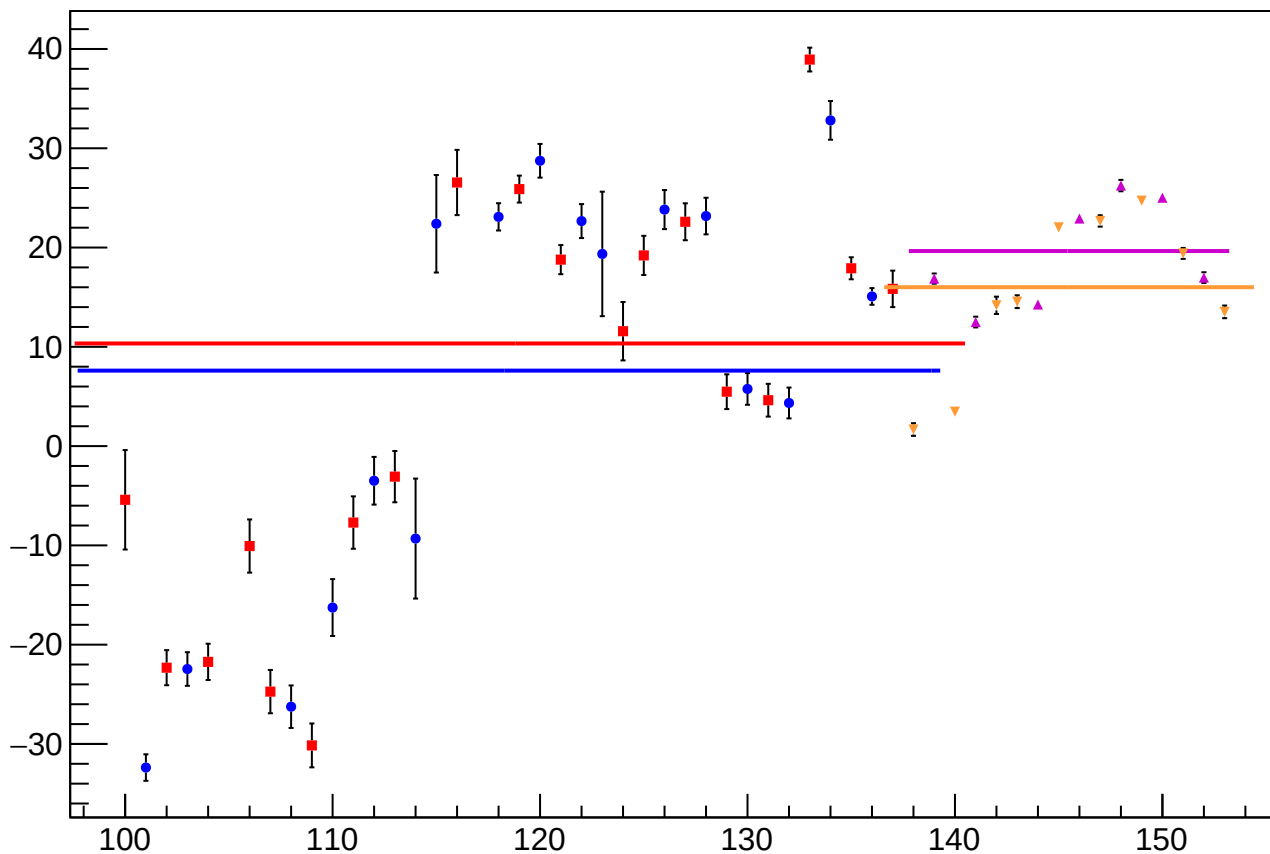
Right: 8.247 ± 0.151 $\chi^2/\text{NDF}: 12075.7/35$

In: 6.962 ± 0.112 $\chi^2/\text{NDF}: 8643.1/23$

Out: 7.053 ± 0.107 $\chi^2/\text{NDF}: 8714.5/27$

All: 7.009 ± 0.077 $\chi^2/\text{NDF}: 17357.9/51$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 16.008 ± 0.181 χ^2/NDF : 2070.4/8

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

Left In: 19.647 ± 0.185 χ^2/NDF : 700.6/6

Left: 17.782 ± 0.130 χ^2/NDF : 2968.3/15

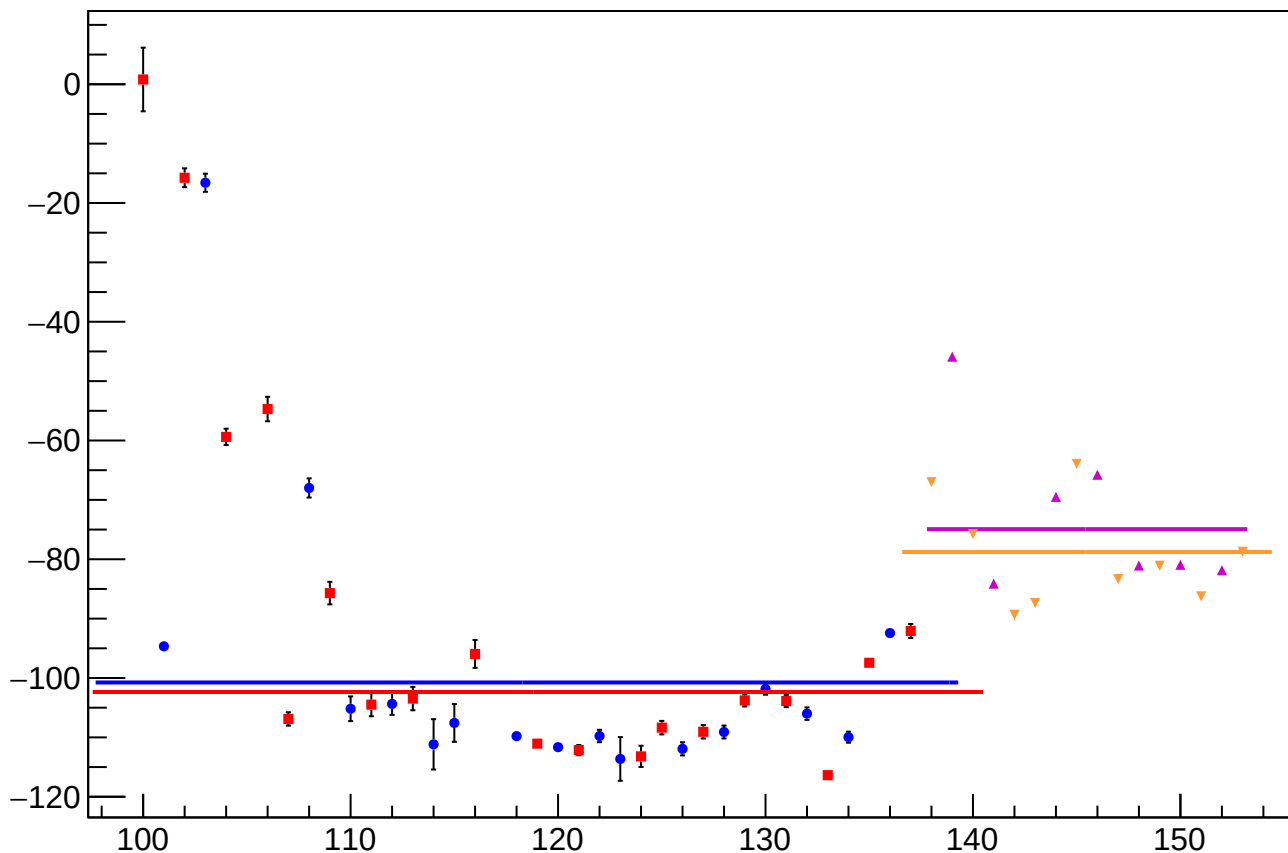
Right: 8.969 ± 0.294 χ^2/NDF : 4628.4/35

In: 17.649 ± 0.169 χ^2/NDF : 3725.4/23

Out: 15.107 ± 0.166 χ^2/NDF : 4508.2/27

All: 16.352 ± 0.119 χ^2/NDF : 8348.4/51

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -78.773 ± 0.152 χ^2/NDF : 2921.5/8

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

Left In: -74.929 ± 0.160 χ^2/NDF : 3205.3/6

Left: -76.952 ± 0.110 χ^2/NDF : 6431.5/15

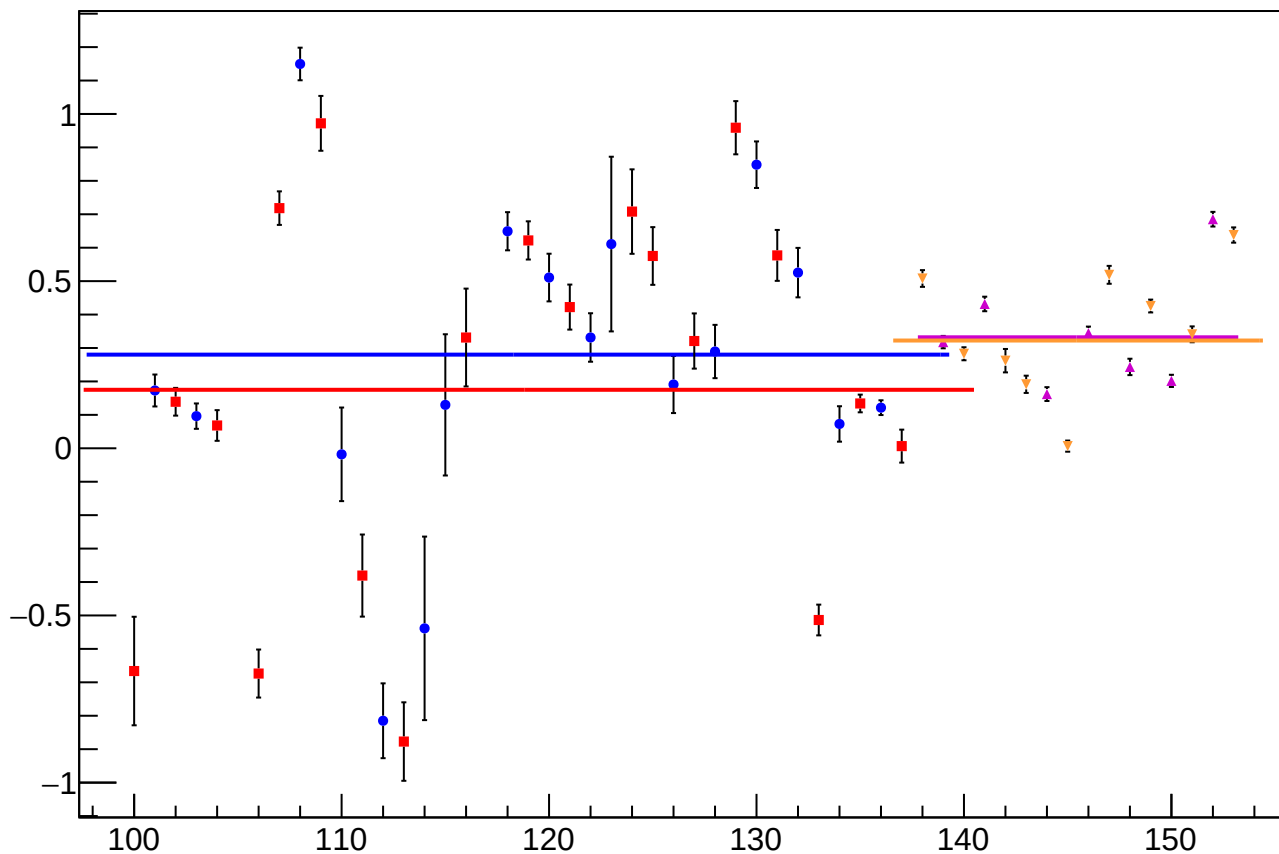
Right: -101.559 ± 0.175 χ^2/NDF : 10622.5/35

In: -82.501 ± 0.134 χ^2/NDF : 15390.6/23

Out: -85.255 ± 0.129 χ^2/NDF : 15651.0/27

All: -83.933 ± 0.093 χ^2/NDF : 31260.1/51

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.322 ± 0.007 χ^2/NDF : 721.4/8

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

Left In: 0.332 ± 0.008 χ^2/NDF : 412.5/6

Left: 0.327 ± 0.005 χ^2/NDF : 1134.7/15

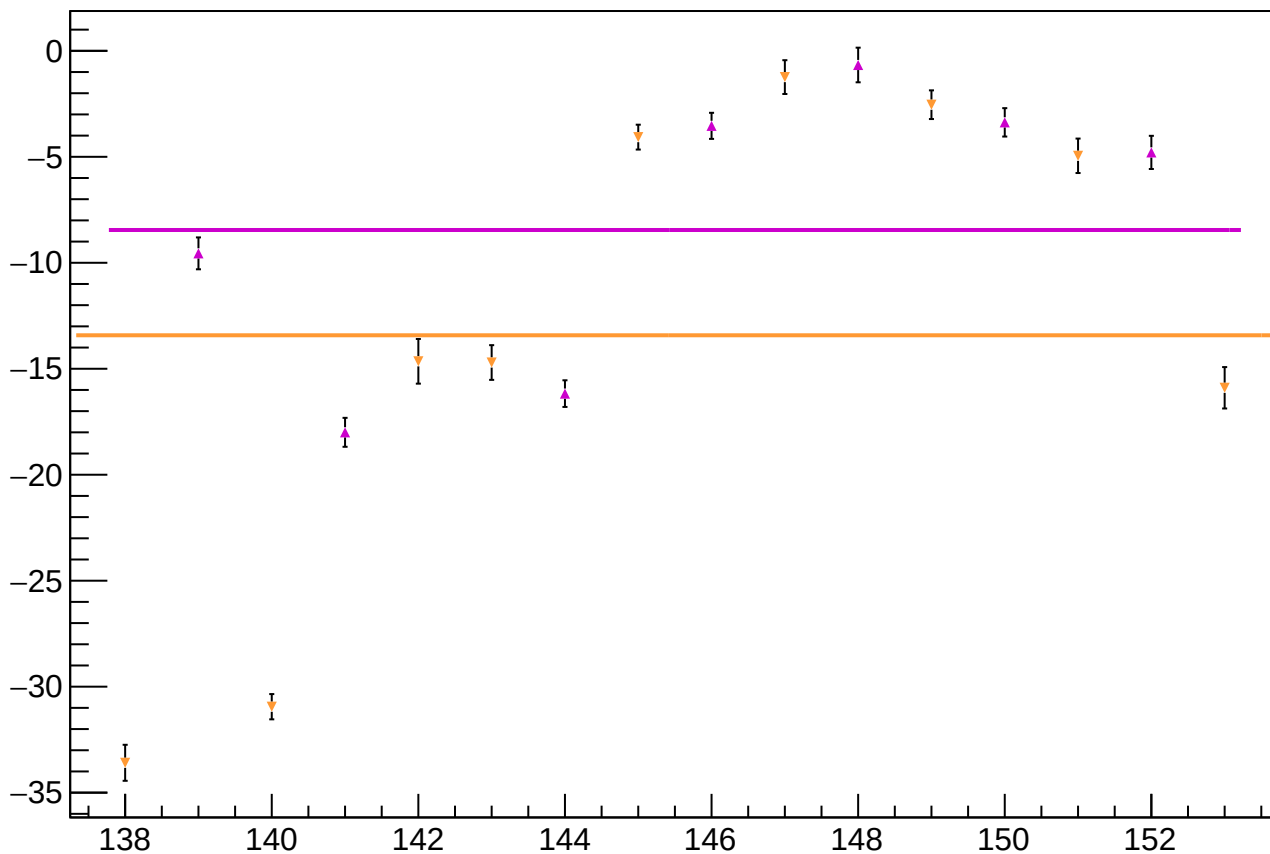
Right: 0.227 ± 0.010 χ^2/NDF : 1653.2/35

In: 0.319 ± 0.007 χ^2/NDF : 1079.6/23

Out: 0.288 ± 0.007 χ^2/NDF : 1779.9/27

All: 0.303 ± 0.005 χ^2/NDF : 2870.9/51

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.421+/-0.251 χ^2/NDF :2293.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.453+/-0.263 χ^2/NDF :582.1/6

Left: -11.050+/-0.182 χ^2/NDF : 3061.6/15

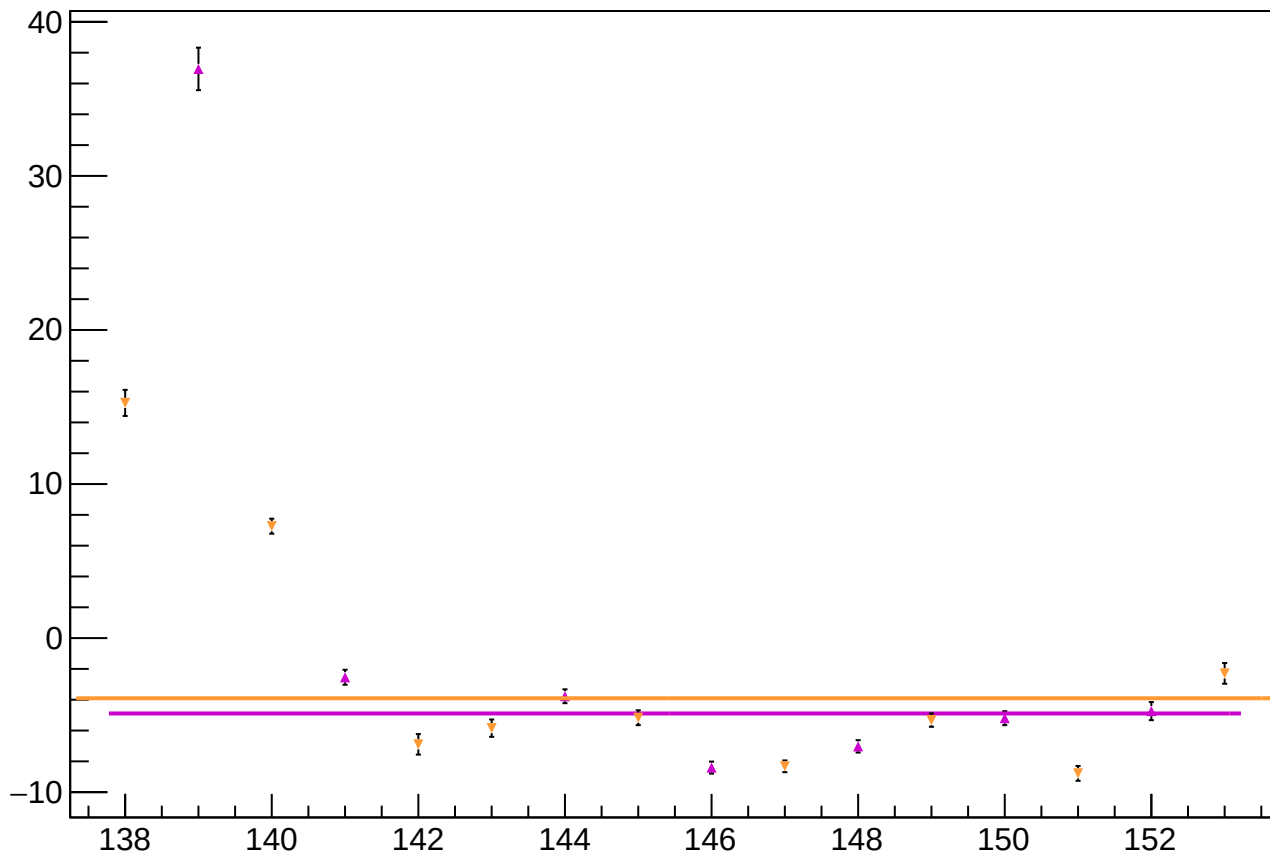
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.453+/-0.263 χ^2/NDF :582.1/6

Out: -13.421+/-0.251 χ^2/NDF :2293.2/8

All: -11.050+/-0.182 χ^2/NDF : 3061.6/15

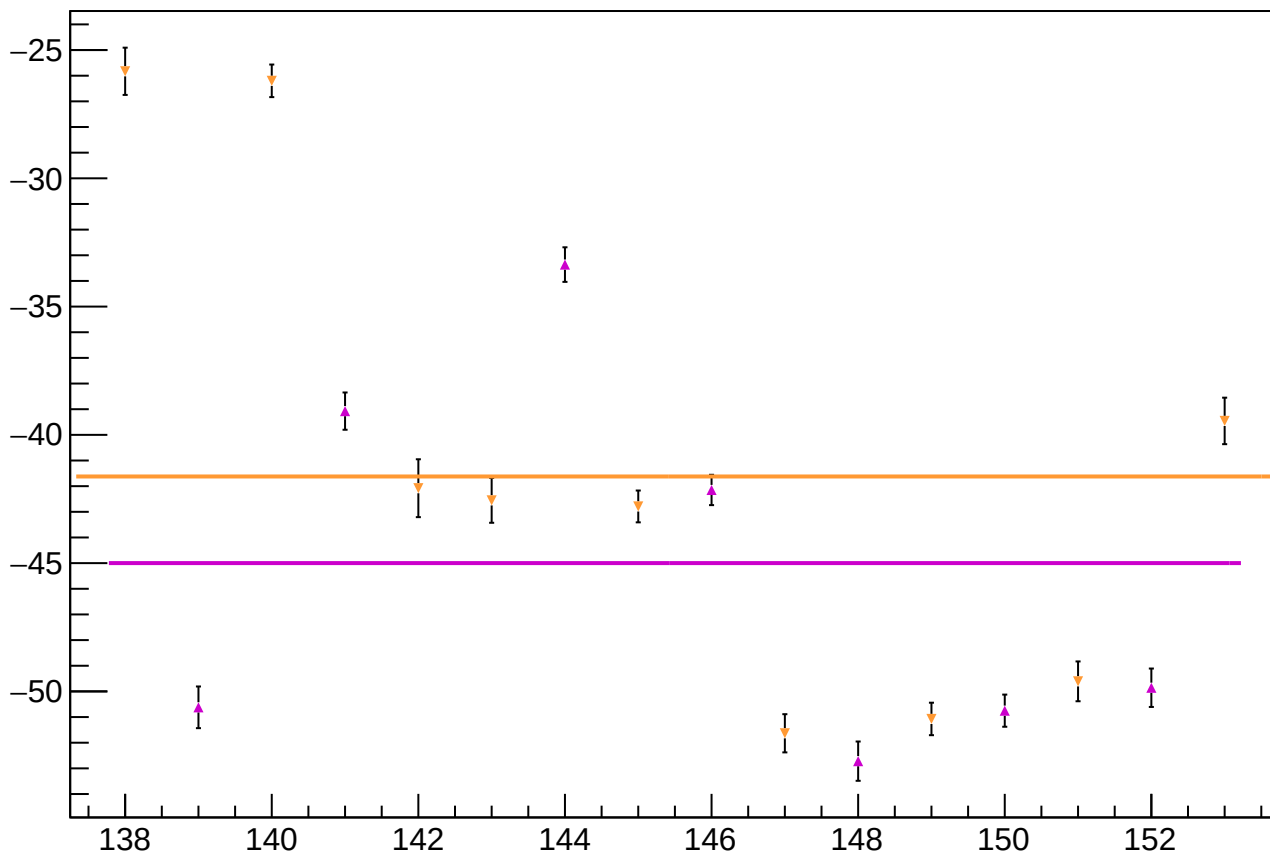
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.905+/-0.172 χ^2/NDF :1326.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Left: -4.370+/-0.125 χ^2/NDF : 2401.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.892+/-0.182 χ^2/NDF :1059.9/6
 Out: -3.905+/-0.172 χ^2/NDF :1326.1/8
 All: -4.370+/-0.125 χ^2/NDF : 2401.6/15

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



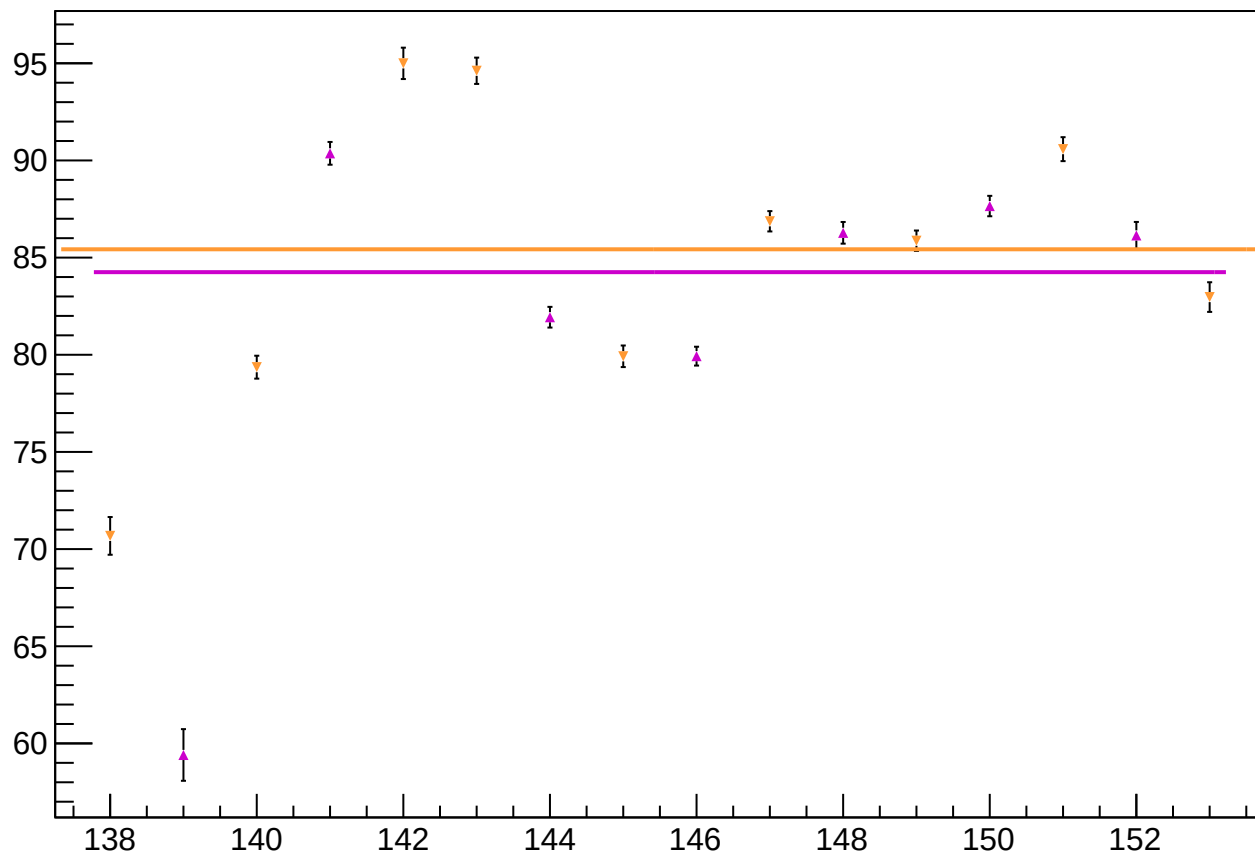
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.622+/-0.254 χ^2/NDF :1404.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.999+/-0.263 χ^2/NDF :663.8/6

Left: -43.253+/-0.182 χ^2/NDF : 2153.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.999+/-0.263 χ^2/NDF :663.8/6
 Out: -41.622+/-0.254 χ^2/NDF :1404.4/8

All: -43.253+/-0.182 χ^2/NDF : 2153.7/15

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.428+/-0.211 χ^2/NDF :848.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.251+/-0.223 χ^2/NDF :619.1/6

Left: 84.872+/-0.153 χ^2/NDF : 1482.0/15

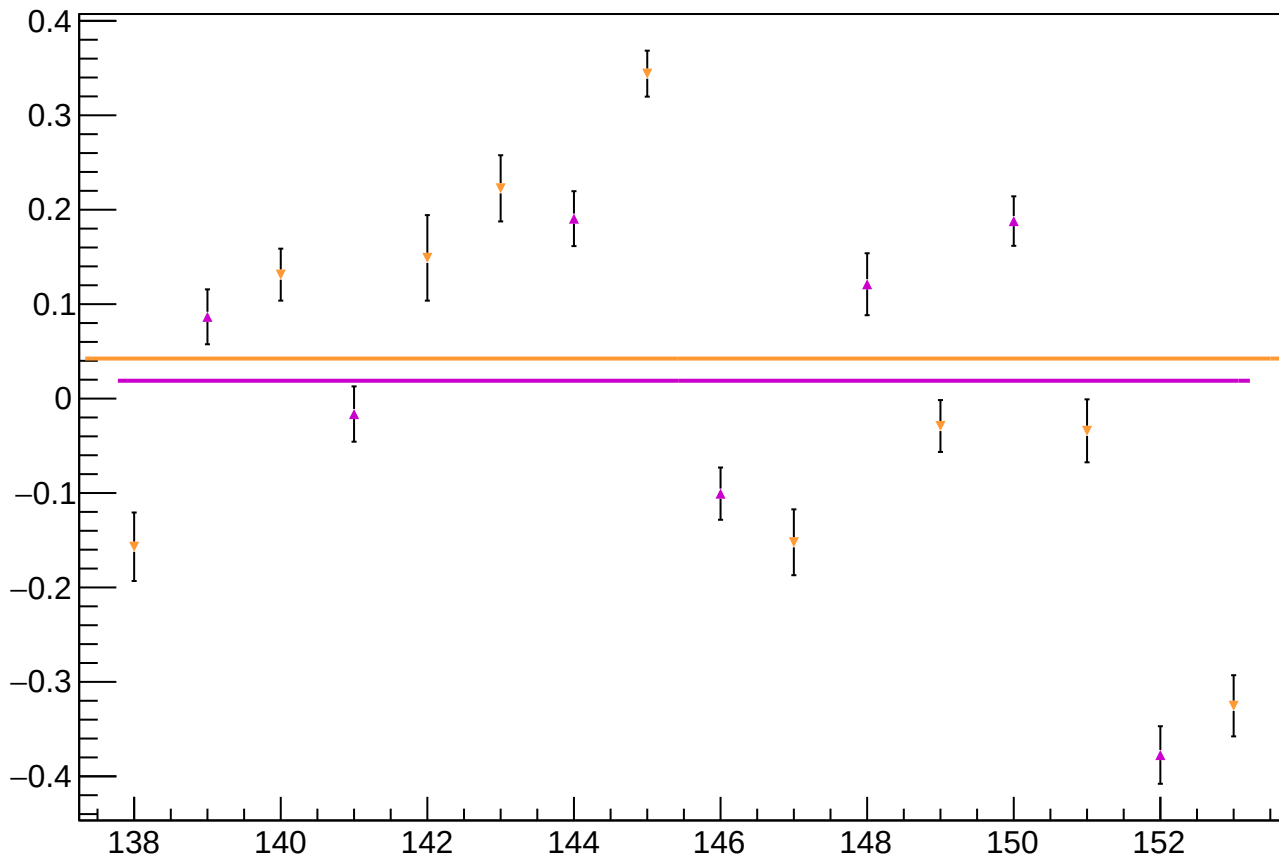
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.251+/-0.223 χ^2/NDF :619.1/6

Out: 85.428+/-0.211 χ^2/NDF :848.1/8

All: 84.872+/-0.153 χ^2/NDF : 1482.0/15

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.042 $\pm$ 0.011 χ^2 /NDF:398.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.019 $\pm$ 0.011 χ^2 /NDF:280.8/6

Left: 0.031 $\pm$ 0.008 χ^2 /NDF: 681.4/15

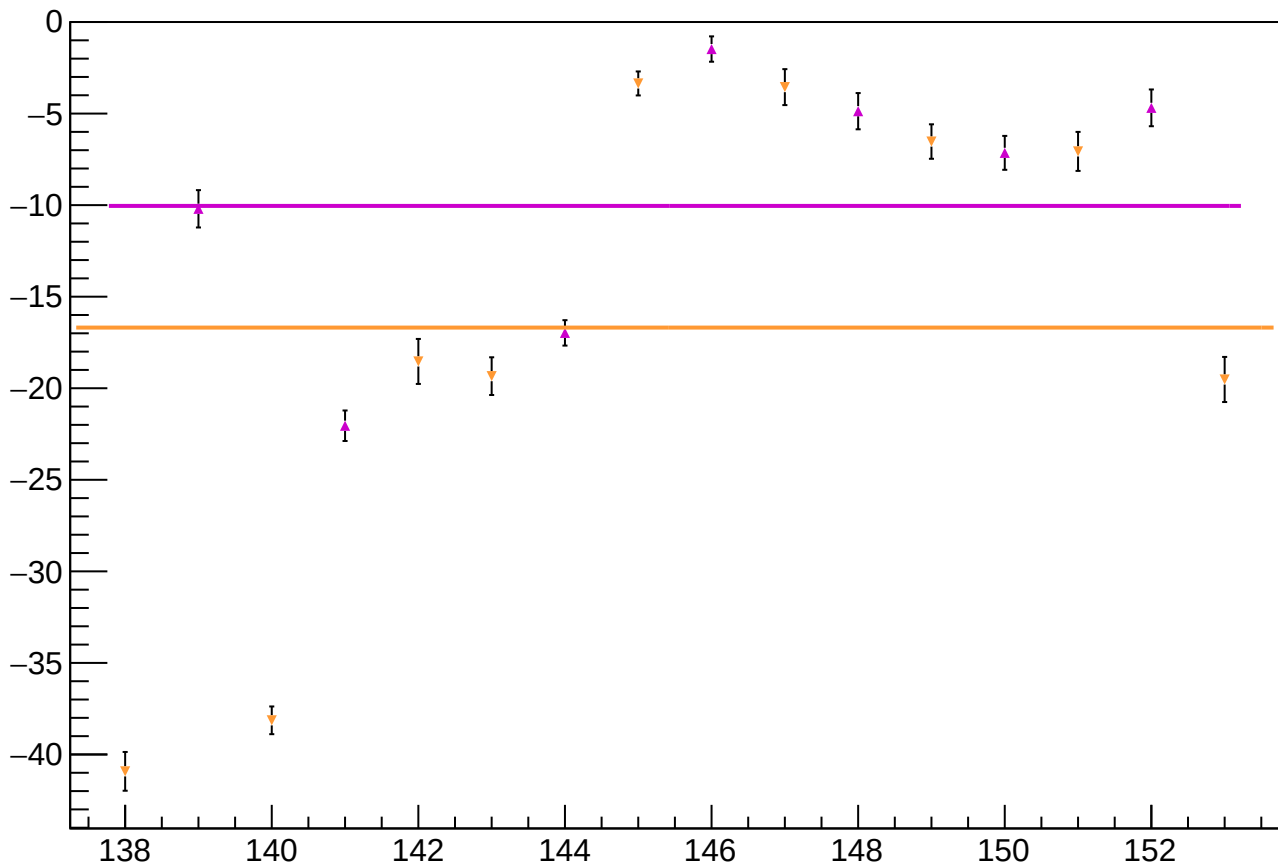
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.019 $\pm$ 0.011 χ^2 /NDF:280.8/6

Out: 0.042 $\pm$ 0.011 χ^2 /NDF:398.2/8

All: 0.031 $\pm$ 0.008 χ^2 /NDF: 681.4/15

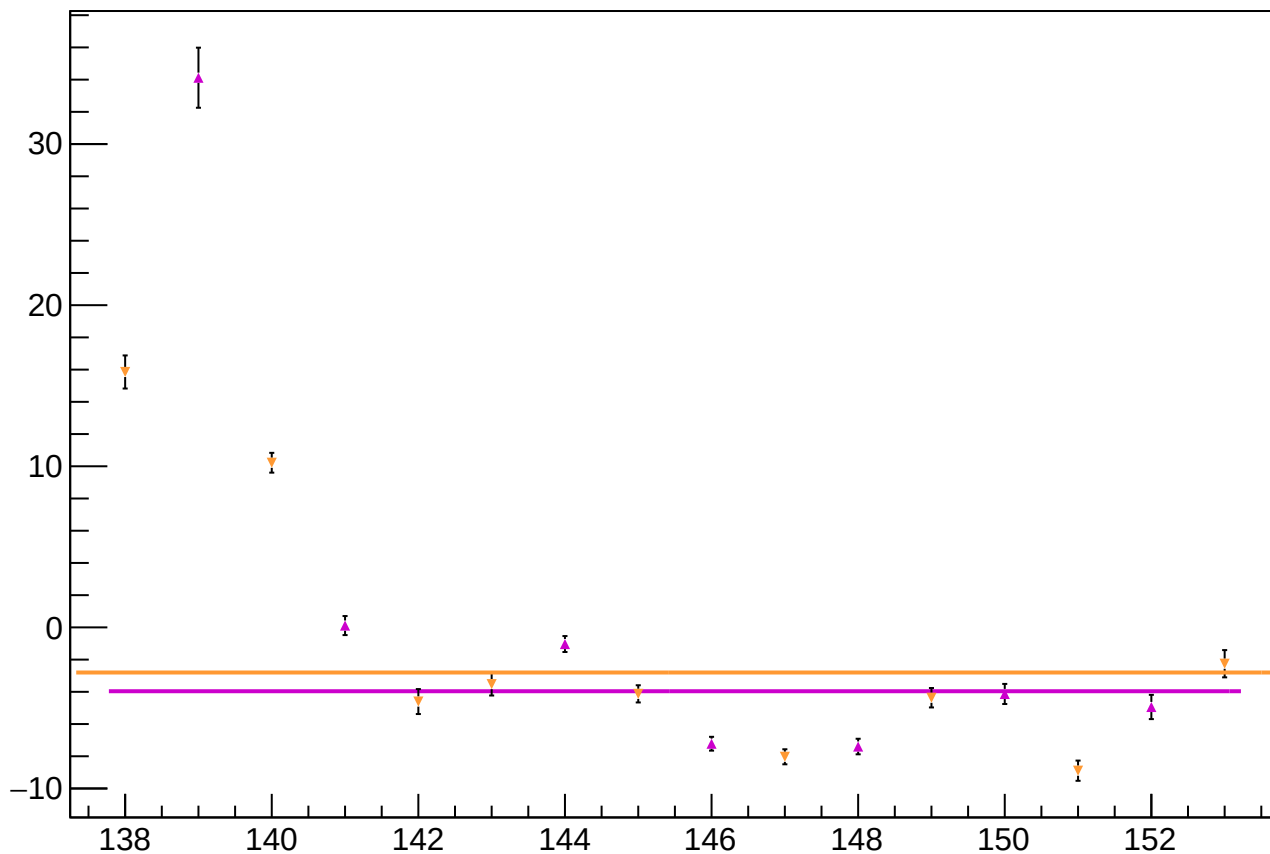
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -16.687 $\pm$ 0.312 χ^2 /NDF:2132.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6

Left: -13.454 $\pm$ 0.223 χ^2 /NDF: 2880.0/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6
 Out: -16.687 $\pm$ 0.312 χ^2 /NDF:2132.8/8
 All: -13.454 $\pm$ 0.223 χ^2 /NDF: 2880.0/15

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.801+/-0.213 χ^2/NDF :1018.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.963+/-0.217 χ^2/NDF :609.7/6

Left: -3.372+/-0.152 χ^2/NDF : 1643.0/15

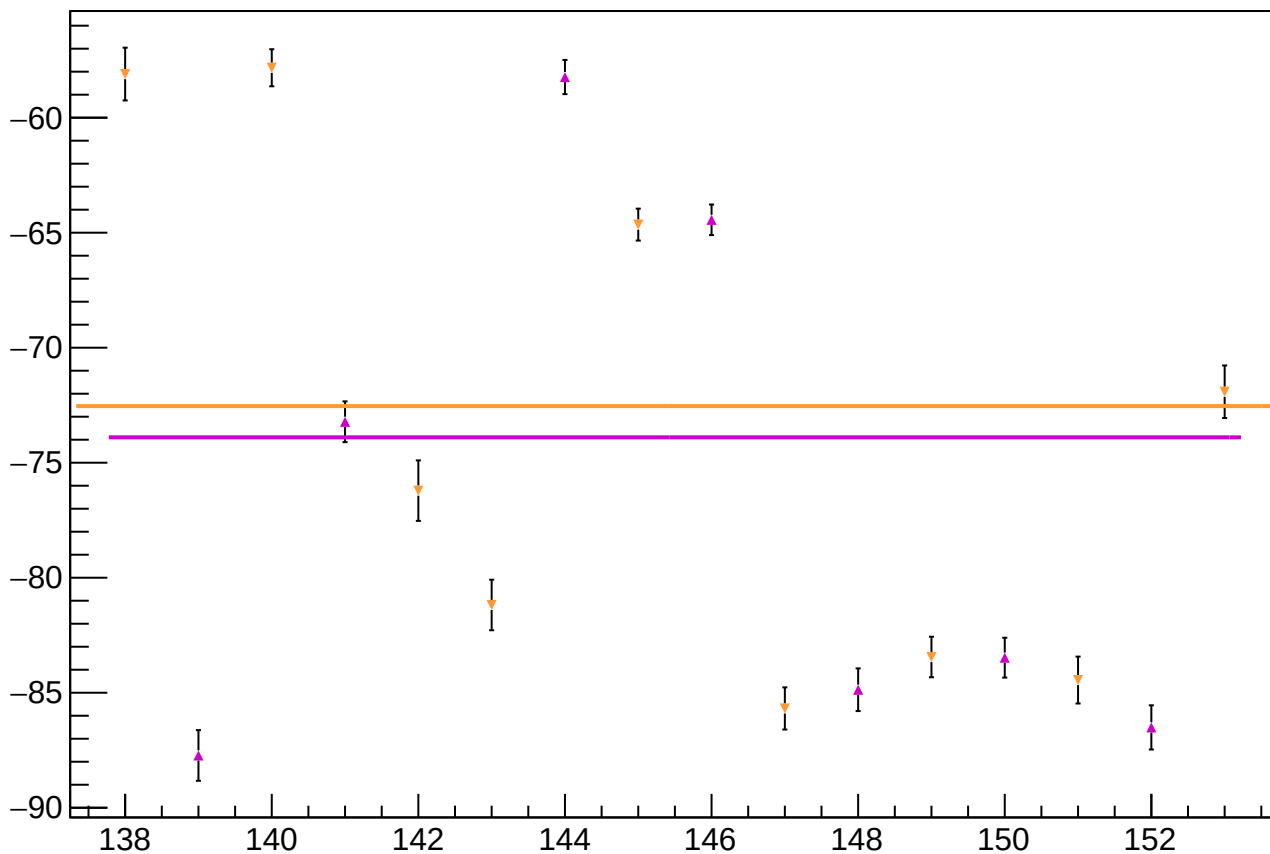
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.963+/-0.217 χ^2/NDF :609.7/6

Out: -2.801+/-0.213 χ^2/NDF :1018.7/8

All: -3.372+/-0.152 χ^2/NDF : 1643.0/15

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



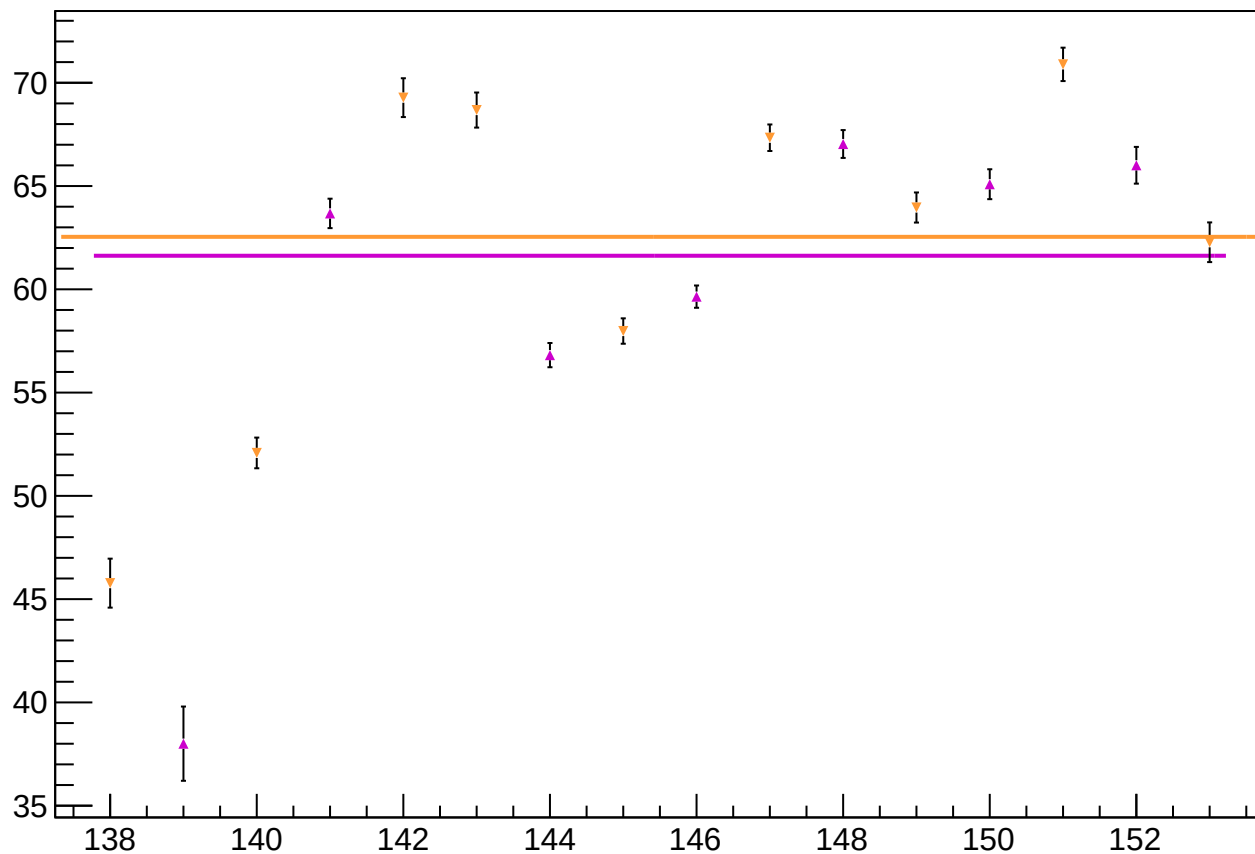
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -72.539+/-0.316 χ^2/NDF :1186.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Left: -73.209+/-0.225 χ^2/NDF : 2434.2/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.896+/-0.320 χ^2/NDF :1238.8/6
 Out: -72.539+/-0.316 χ^2/NDF :1186.3/8

All: -73.209+/-0.225 χ^2/NDF : 2434.2/15

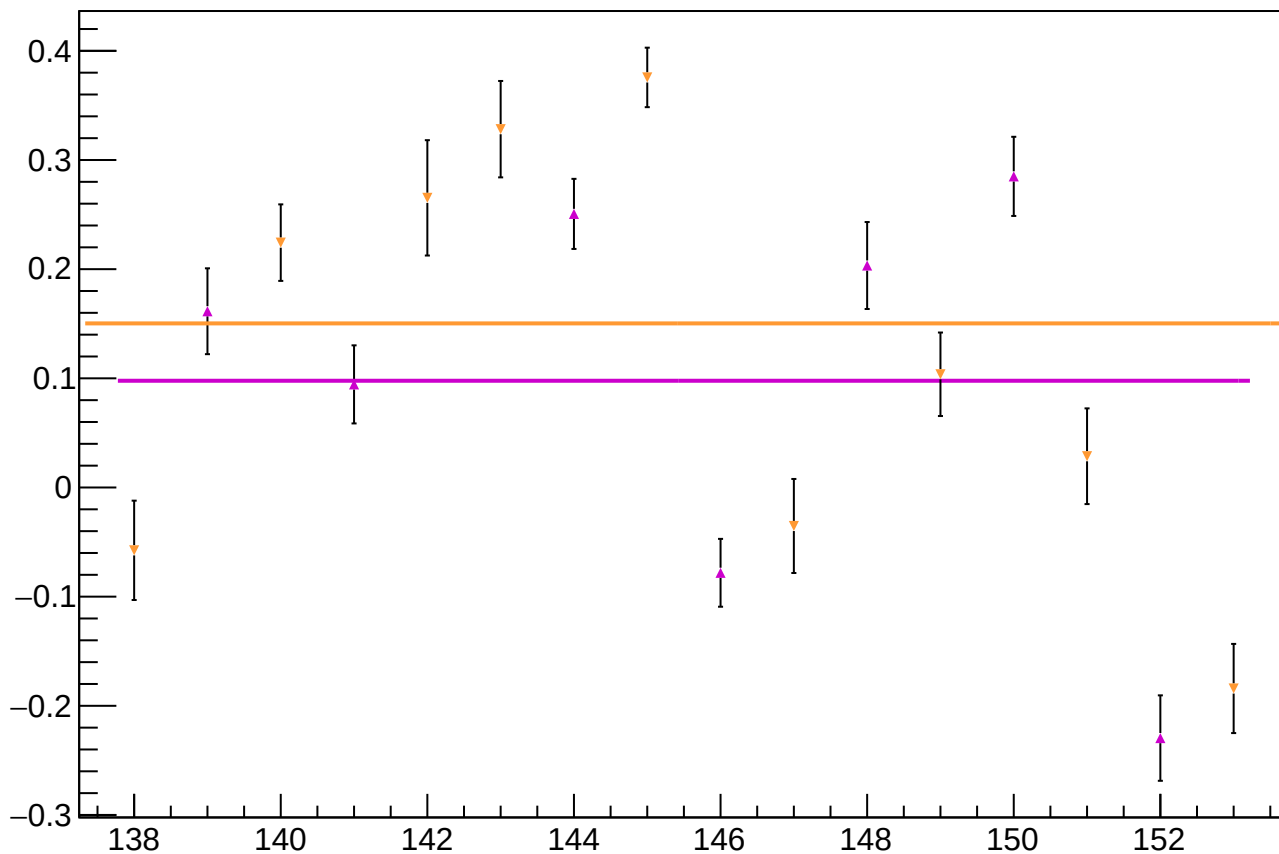
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.541+/-0.262 χ^2/NDF : 723.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.625+/-0.267 χ^2/NDF : 373.3/6

Left: 62.093+/-0.187 χ^2/NDF : 1102.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.625+/-0.267 χ^2/NDF : 373.3/6
 Out: 62.541+/-0.262 χ^2/NDF : 723.2/8
 All: 62.093+/-0.187 χ^2/NDF : 1102.5/15

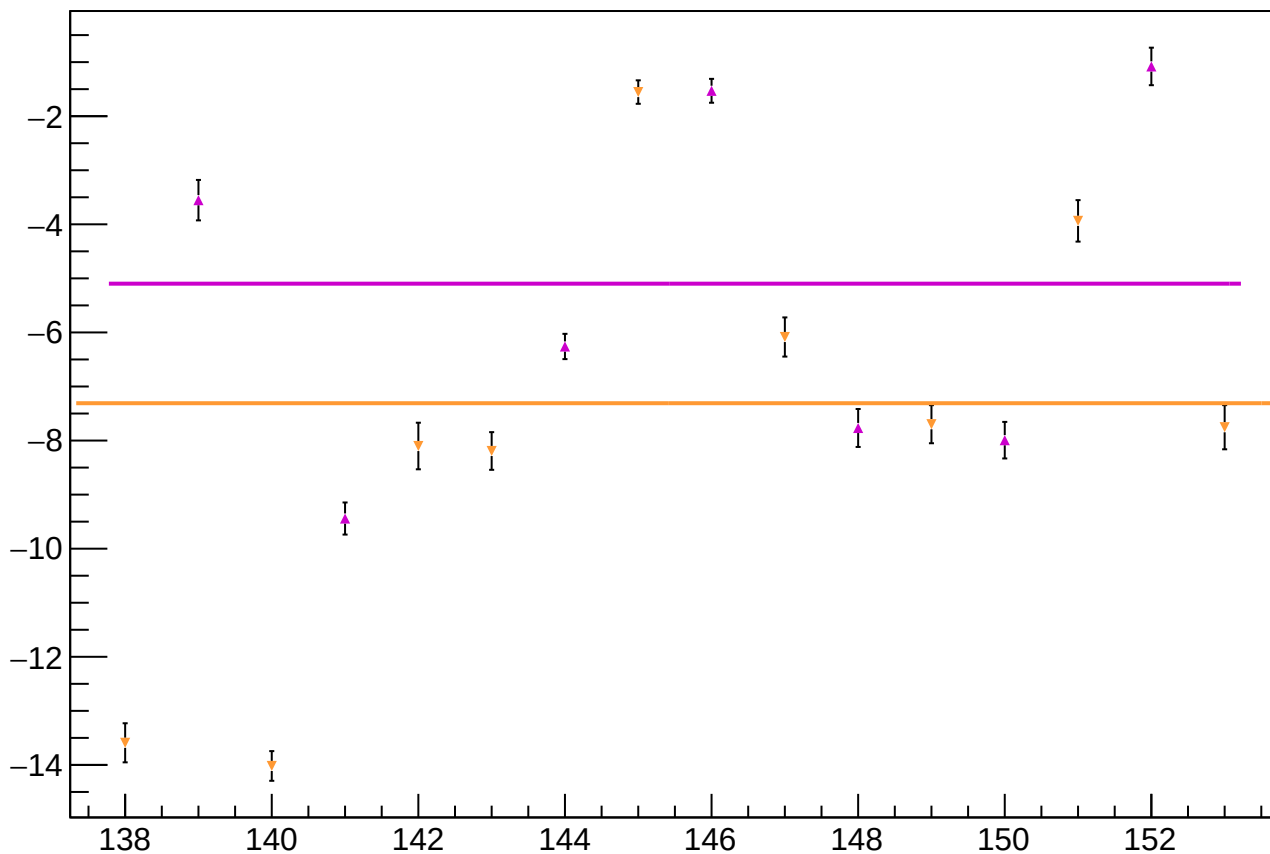
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.150+/-0.013 χ^2/NDF :209.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.098+/-0.014 χ^2/NDF :161.0/6

Left: 0.125+/-0.009 χ^2/NDF : 378.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.098+/-0.014 χ^2/NDF :161.0/6
 Out: 0.150+/-0.013 χ^2/NDF :209.5/8
 All: 0.125+/-0.009 χ^2/NDF : 378.3/15

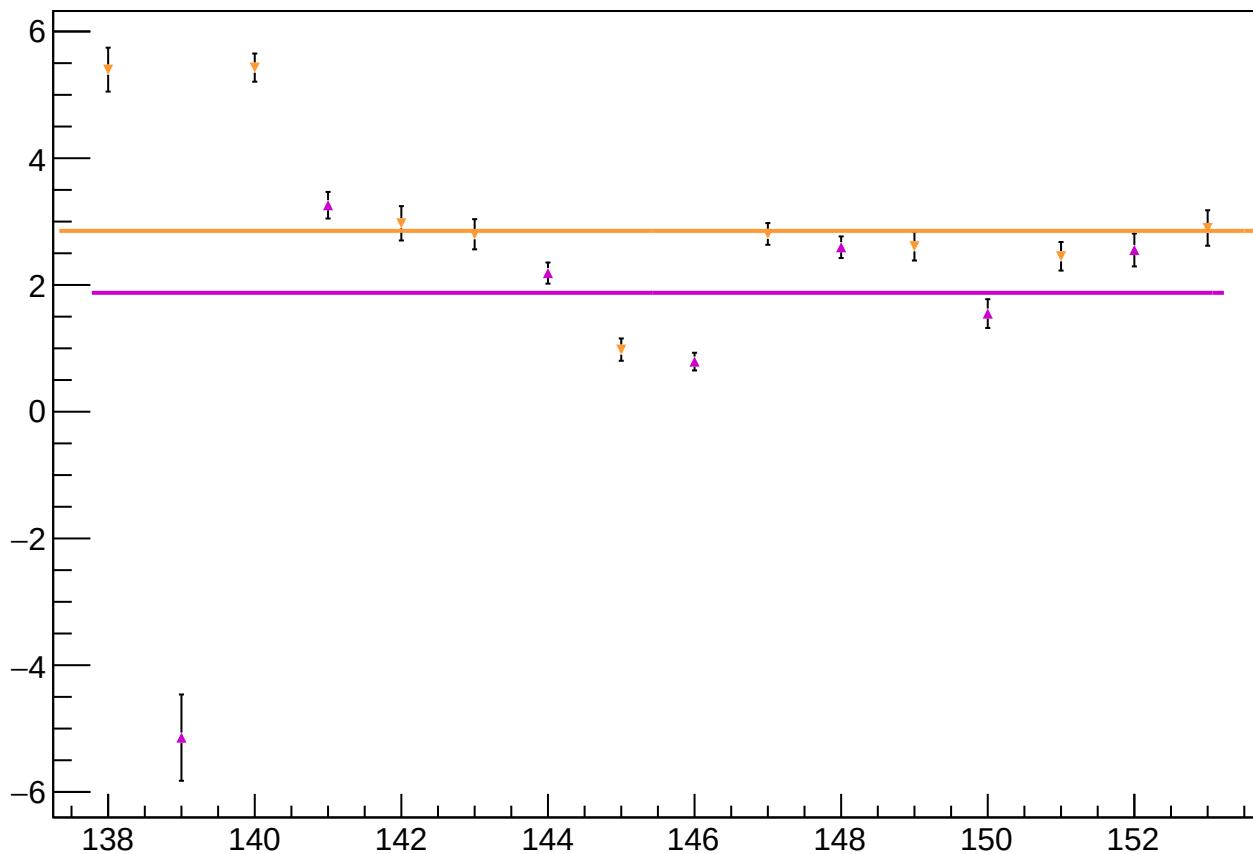
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.309+/-0.109 χ^2/NDF :1703.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.098+/-0.110 χ^2/NDF :781.9/6

Left: -6.215+/-0.077 χ^2/NDF : 2688.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.098+/-0.110 χ^2/NDF :781.9/6
 Out: -7.309+/-0.109 χ^2/NDF :1703.2/8
 All: -6.215+/-0.077 χ^2/NDF : 2688.8/15

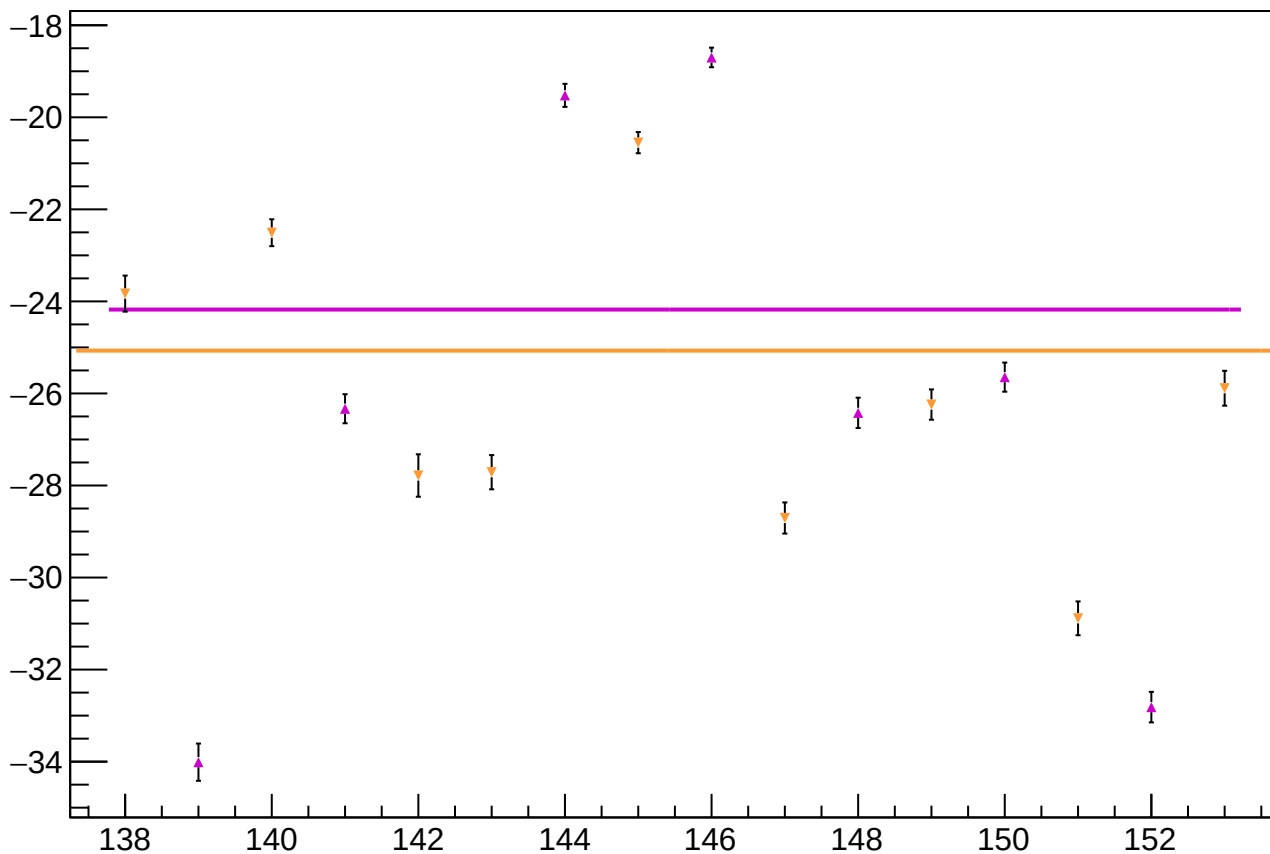
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.853+/-0.075 χ^2/NDF :305.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.876+/-0.074 χ^2/NDF :240.0/6

Left: 2.362+/-0.053 χ^2/NDF : 631.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.876+/-0.074 χ^2/NDF :240.0/6
 Out: 2.853+/-0.075 χ^2/NDF :305.8/8
 All: 2.362+/-0.053 χ^2/NDF : 631.5/15

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.070+/-0.111 χ^2/NDF :939.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Left: -24.620+/-0.078 χ^2/NDF : 3364.2/15

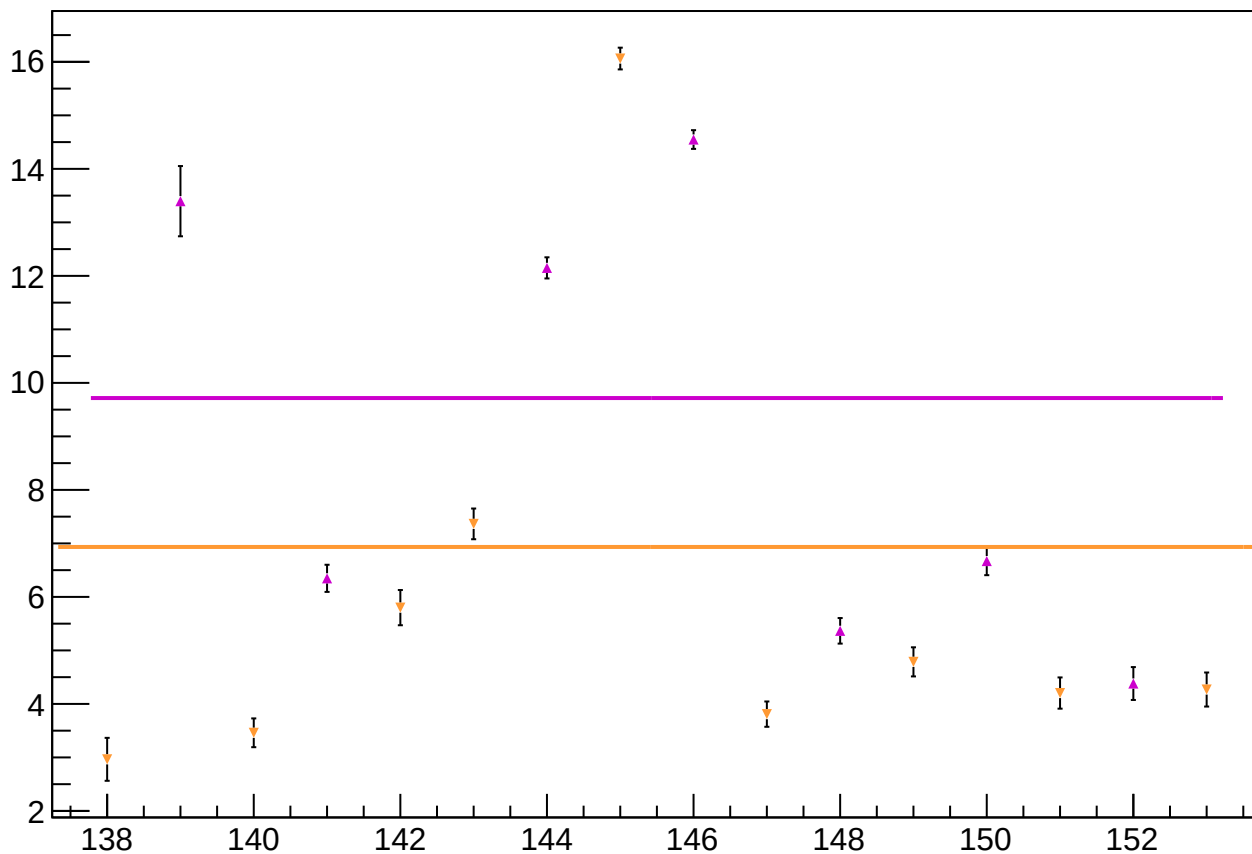
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Out: -25.070+/-0.111 χ^2/NDF :939.9/8

All: -24.620+/-0.078 χ^2/NDF : 3364.2/15

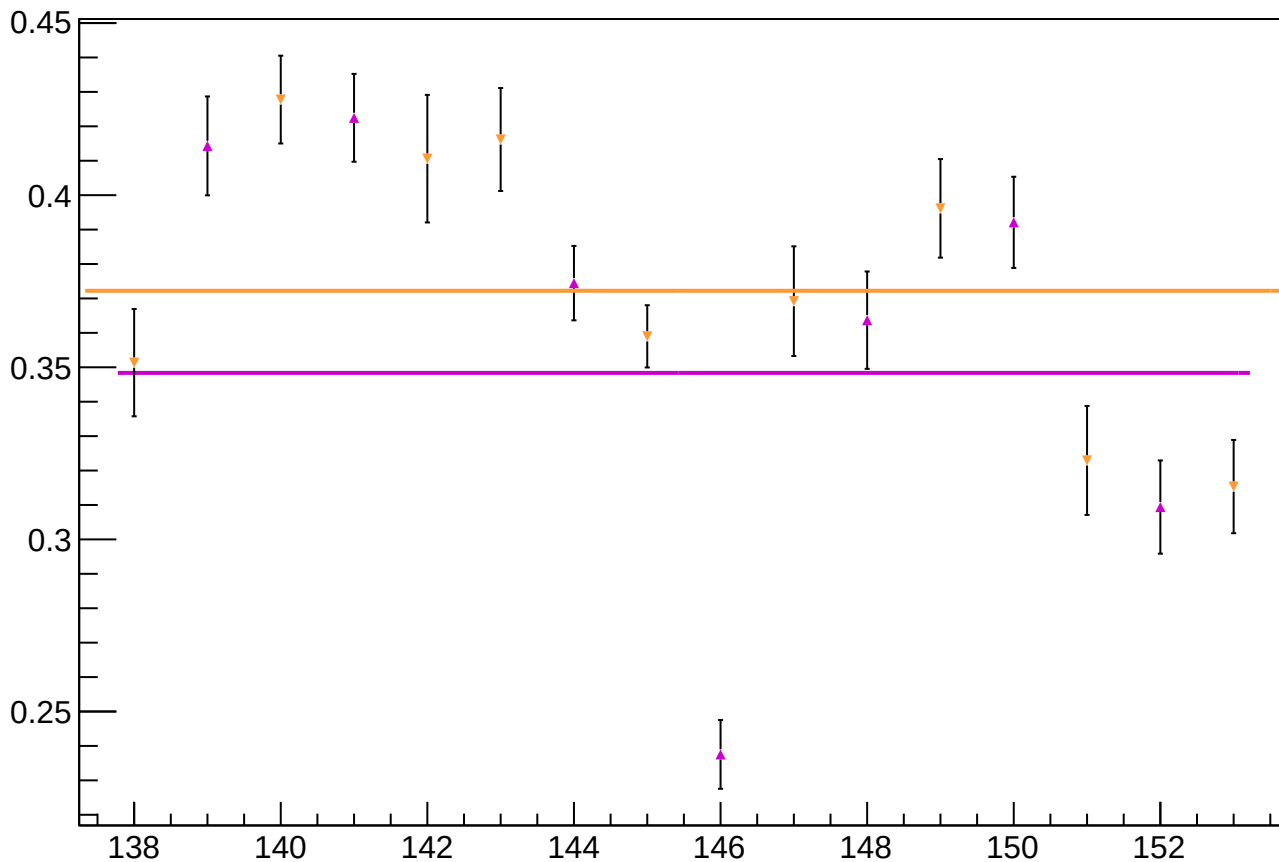
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.934+/-0.092 χ^2/NDF :2690.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.717+/-0.092 χ^2/NDF :1888.7/6

Left: 8.325+/-0.065 χ^2/NDF : 5038.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.717+/-0.092 χ^2/NDF :1888.7/6
 Out: 6.934+/-0.092 χ^2/NDF :2690.8/8
 All: 8.325+/-0.065 χ^2/NDF : 5038.8/15

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF:66.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

Left: 0.361 $\pm$ 0.003 χ^2 /NDF: 283.4/15

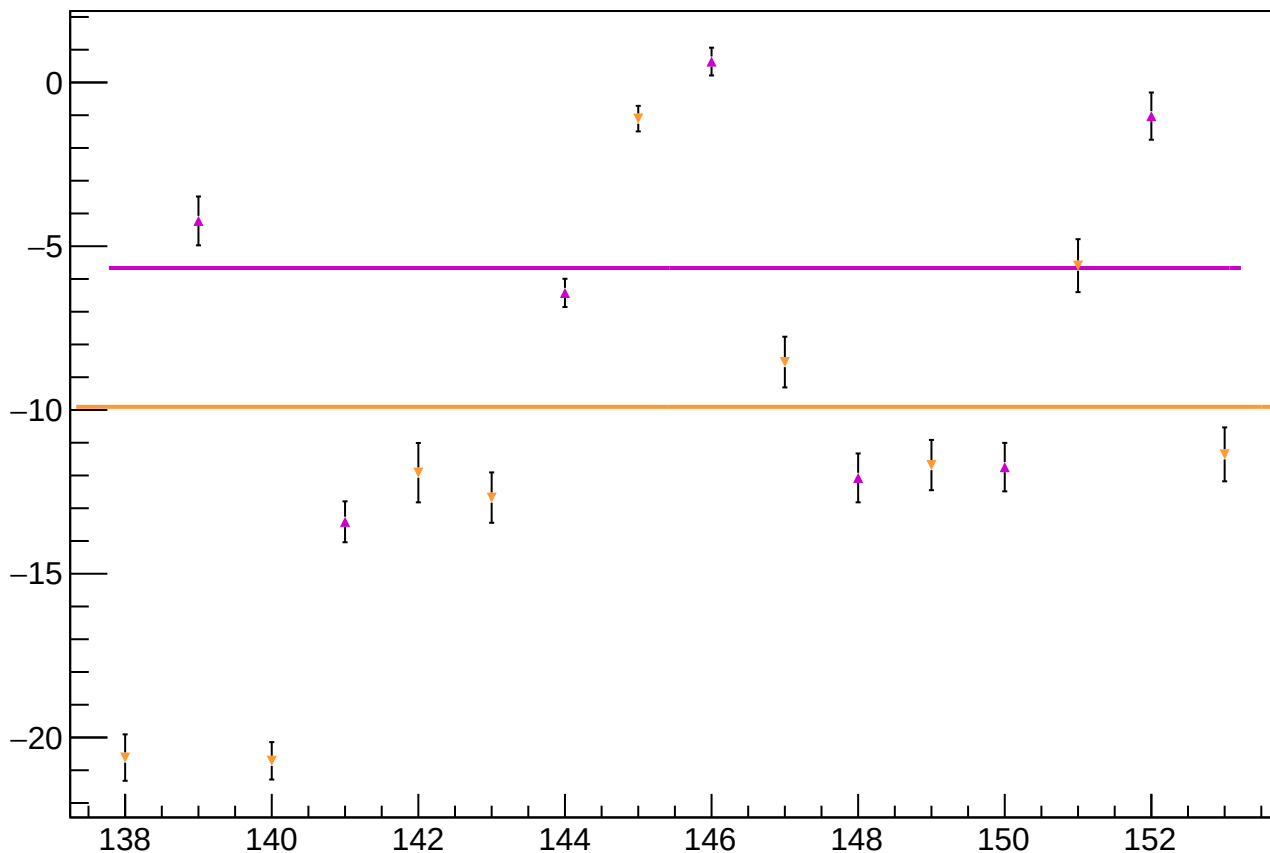
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

Out: 0.372 $\pm$ 0.005 χ^2 /NDF:66.0/8

All: 0.361 $\pm$ 0.003 χ^2 /NDF: 283.4/15

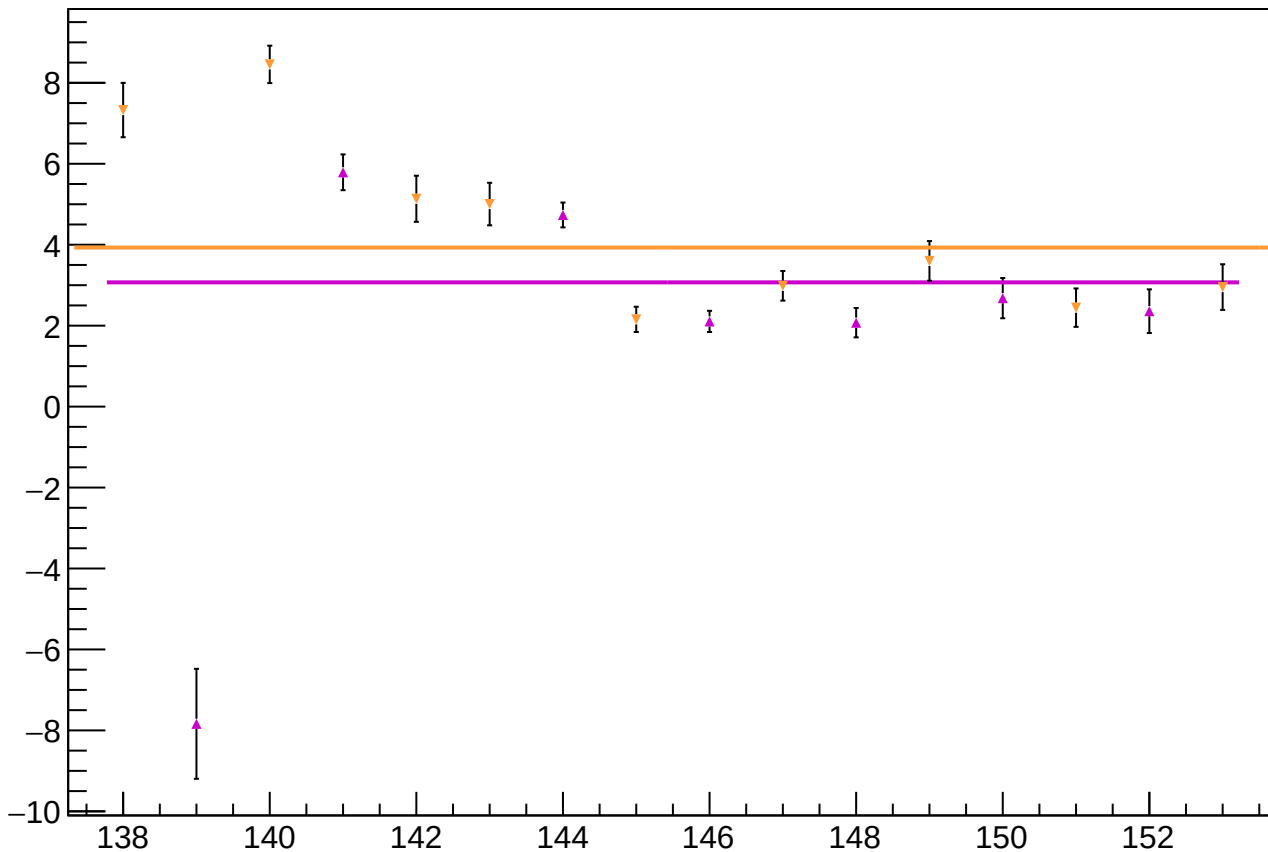
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.904+/-0.219 χ^2/NDF :1153.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.665+/-0.219 χ^2/NDF :564.0/6

Left: -7.788+/-0.155 χ^2/NDF : 1904.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.665+/-0.219 χ^2/NDF :564.0/6
 Out: -9.904+/-0.219 χ^2/NDF :1153.0/8
 All: -7.788+/-0.155 χ^2/NDF : 1904.5/15

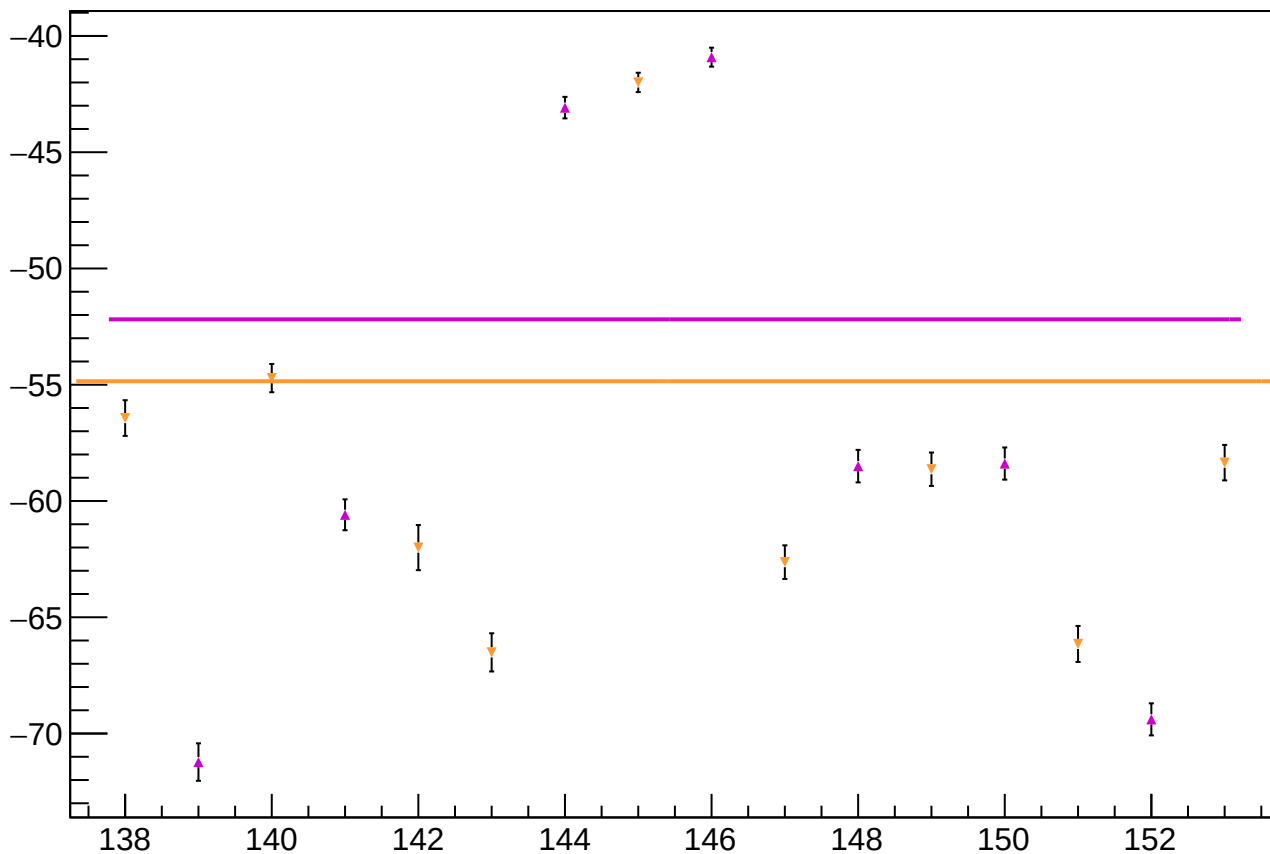
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.930+/-0.152 χ^2/NDF :182.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.070+/-0.148 χ^2/NDF :155.2/6

Left: 3.486+/-0.106 χ^2/NDF : 353.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.070+/-0.148 χ^2/NDF :155.2/6
 Out: 3.930+/-0.152 χ^2/NDF :182.3/8
 All: 3.486+/-0.106 χ^2/NDF : 353.9/15

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



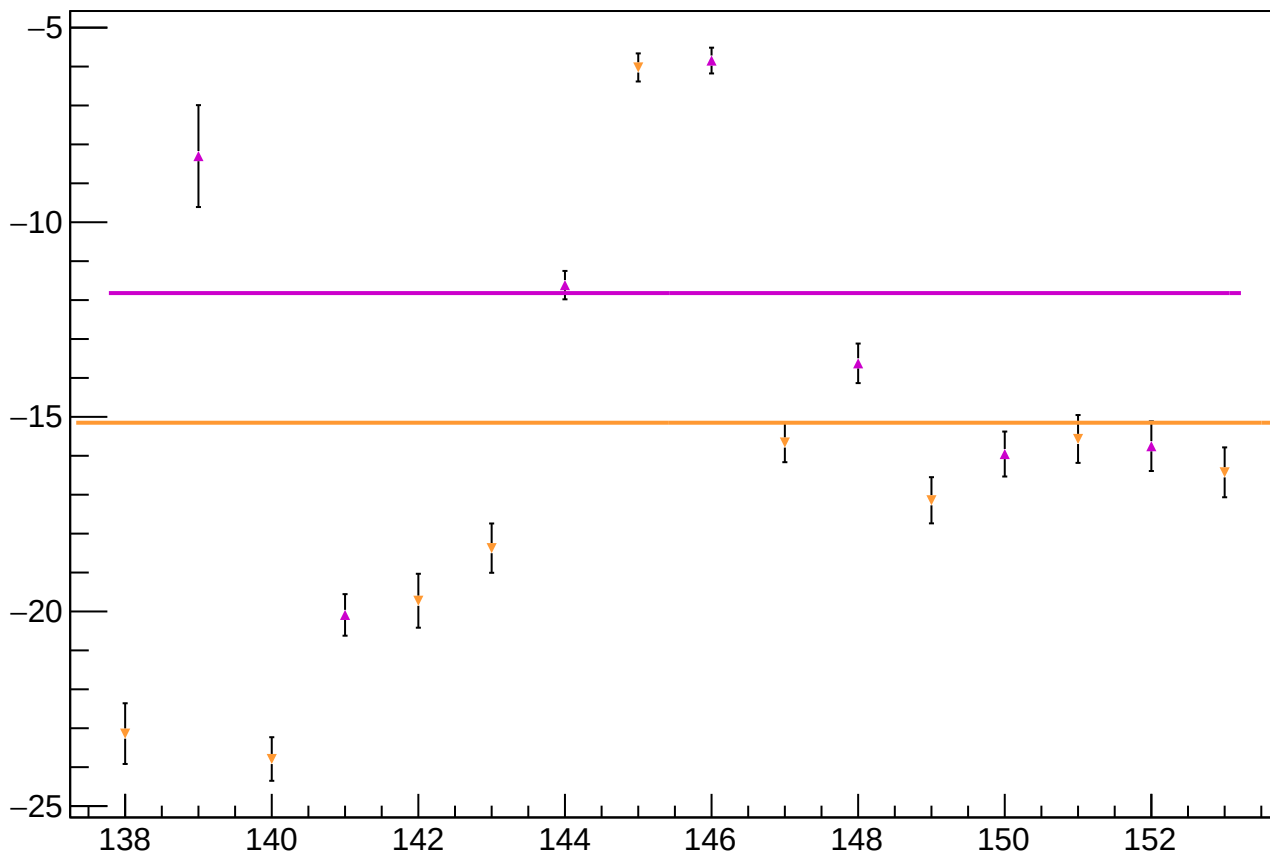
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.849+/-0.224 χ^2/NDF :1592.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Left: -53.493+/-0.157 χ^2/NDF : 4319.2/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.187+/-0.220 χ^2/NDF :2654.3/6
 Out: -54.849+/-0.224 χ^2/NDF :1592.8/8

All: -53.493+/-0.157 χ^2/NDF : 4319.2/15

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.151+/-0.186 χ^2/NDF :1068.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.820+/-0.182 χ^2/NDF :674.7/6

Left: -13.453+/-0.130 χ^2/NDF : 1907.2/15

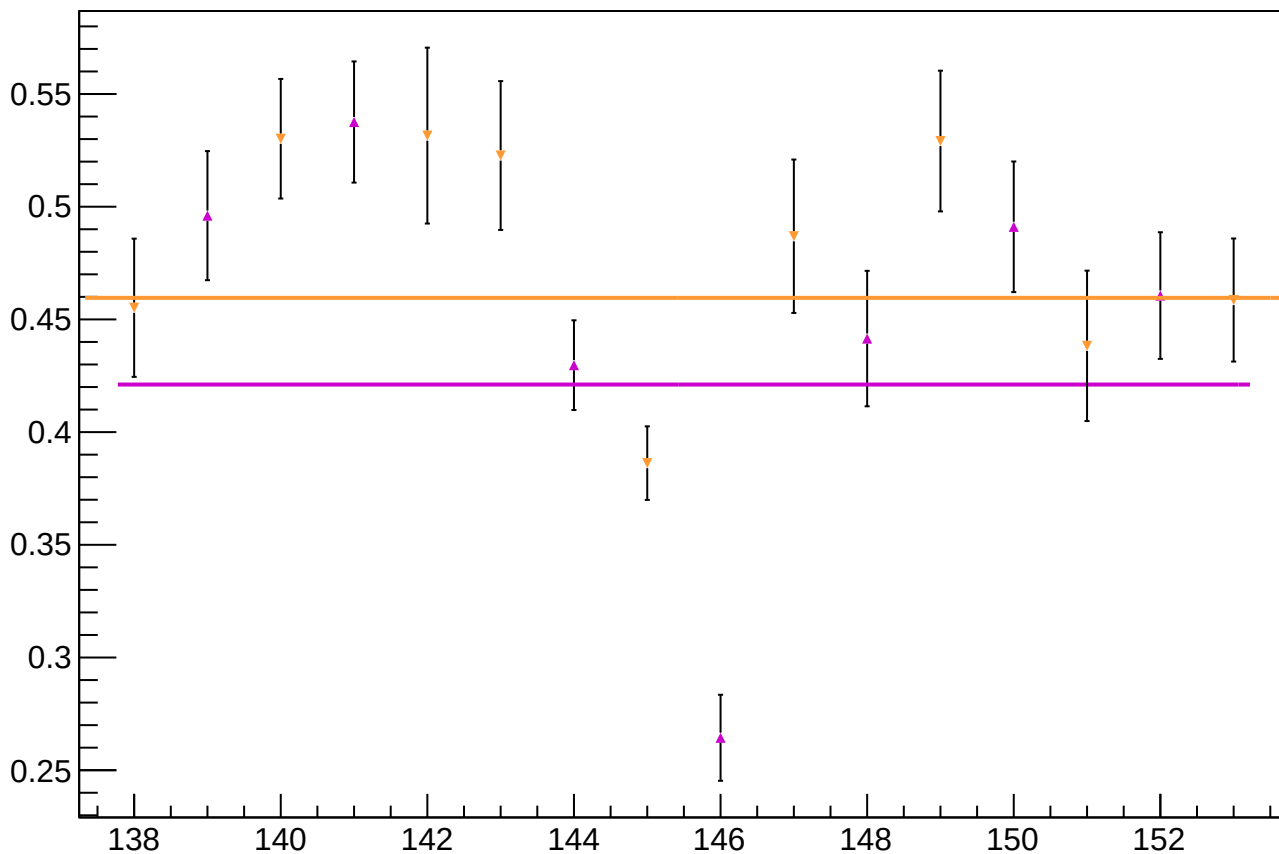
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.820+/-0.182 χ^2/NDF :674.7/6

Out: -15.151+/-0.186 χ^2/NDF :1068.9/8

All: -13.453+/-0.130 χ^2/NDF : 1907.2/15

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: 0.460+/-0.009 χ^2/NDF :40.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.421+/-0.009 χ^2/NDF :101.5/6

Left: 0.441+/-0.007 χ^2/NDF : 150.5/15

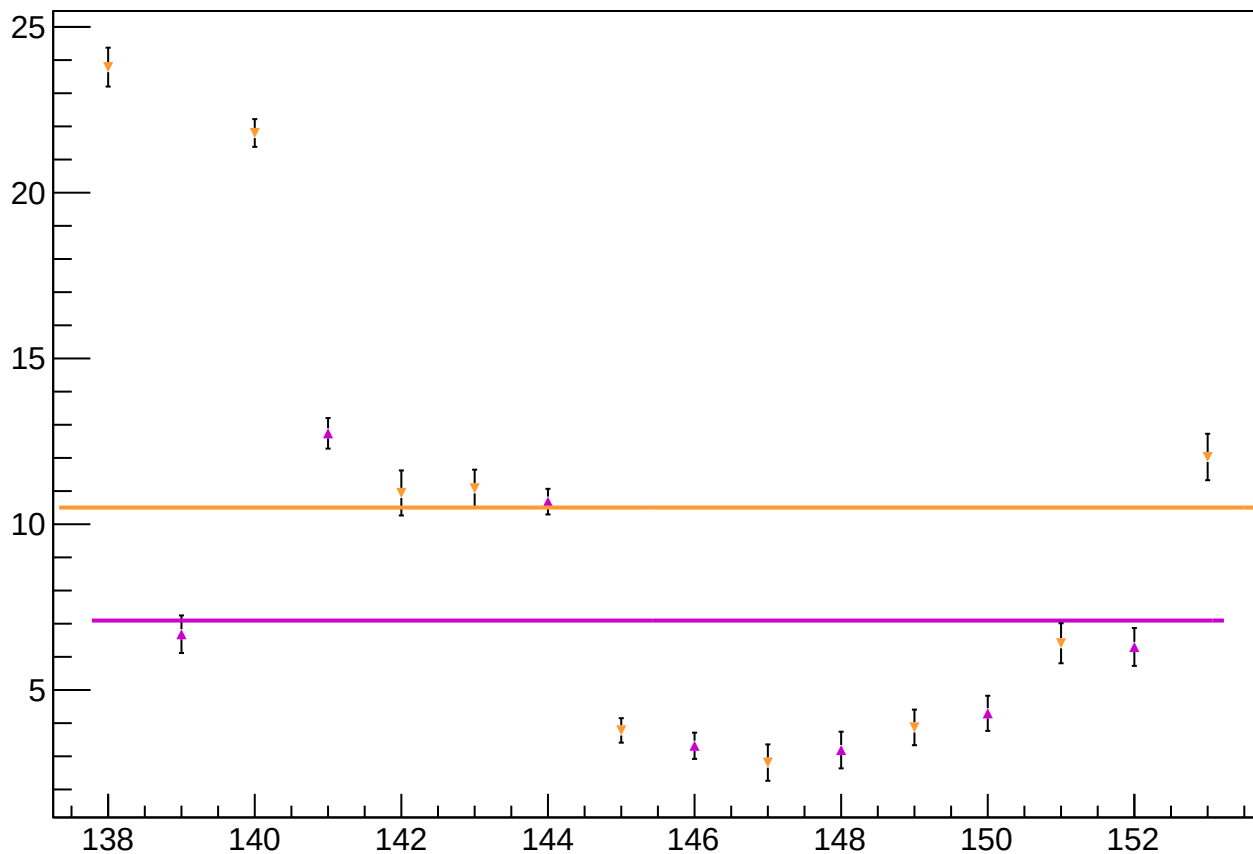
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.421+/-0.009 χ^2/NDF :101.5/6

Out: 0.460+/-0.009 χ^2/NDF :40.4/8

All: 0.441+/-0.007 χ^2/NDF : 150.5/15

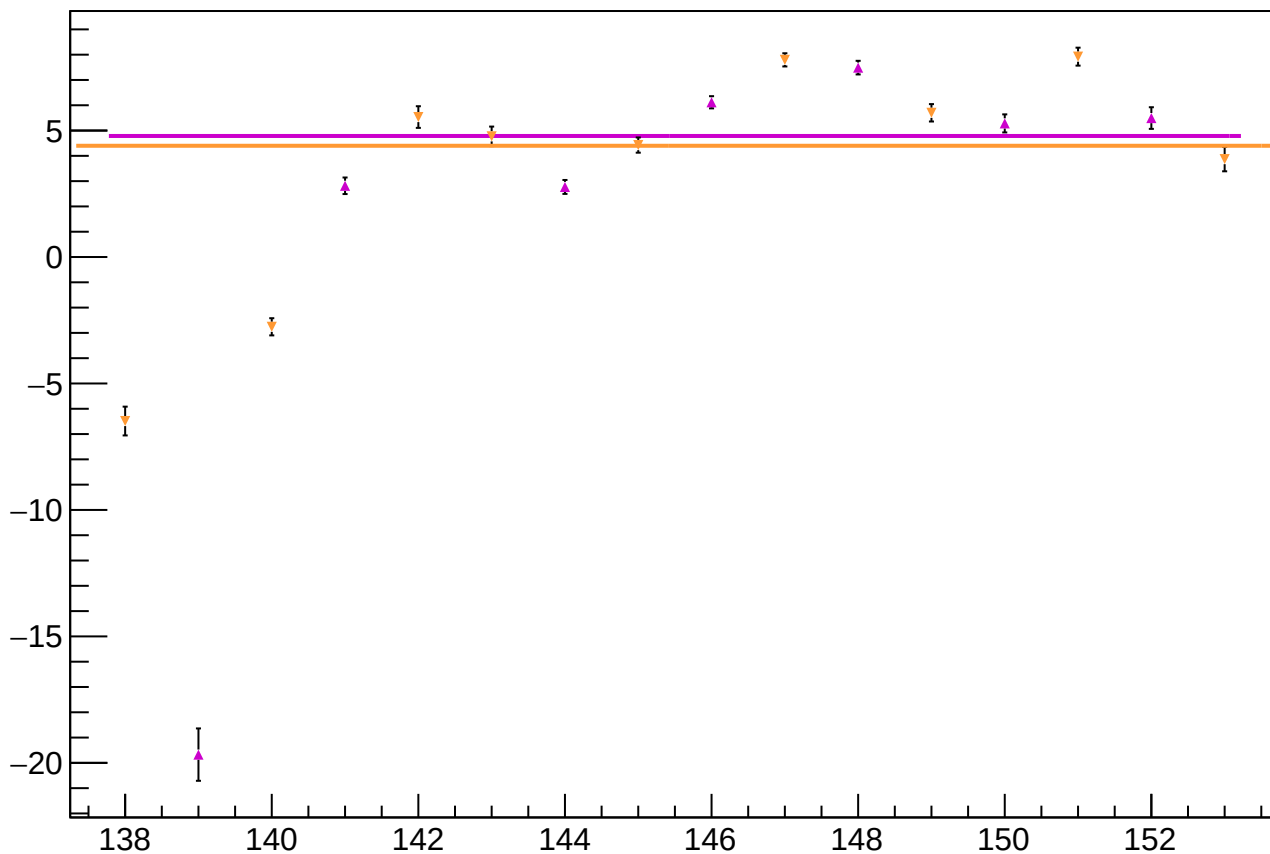
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.504+/-0.174 χ^2/NDF :1974.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.095+/-0.180 χ^2/NDF :407.6/6

Left: 8.853+/-0.125 χ^2/NDF : 2566.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.095+/-0.180 χ^2/NDF :407.6/6
 Out: 10.504+/-0.174 χ^2/NDF :1974.4/8
 All: 8.853+/-0.125 χ^2/NDF : 2566.9/15

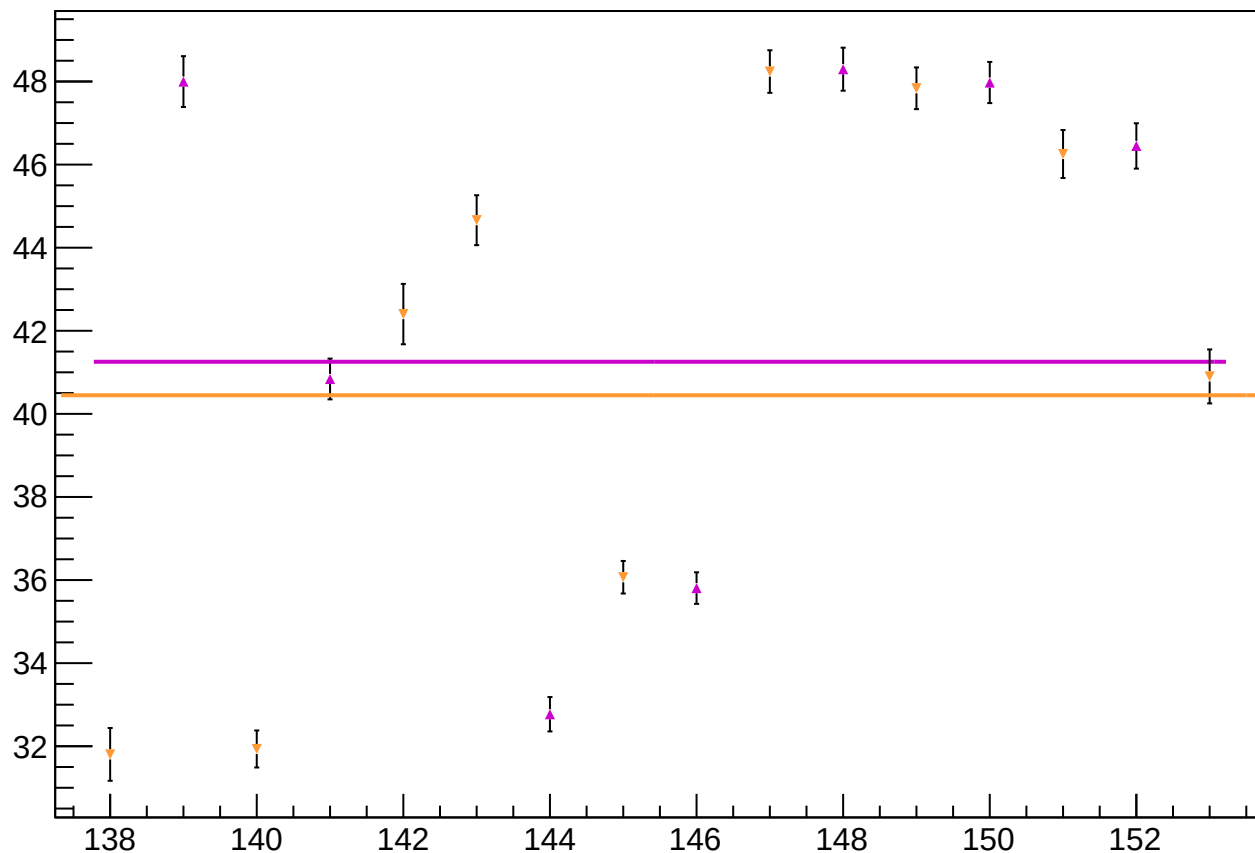
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.398+/-0.119 χ^2/NDF :1101.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.786+/-0.121 χ^2/NDF :783.7/6

Left: 4.588+/-0.085 χ^2/NDF : 1890.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.786+/-0.121 χ^2/NDF :783.7/6
 Out: 4.398+/-0.119 χ^2/NDF :1101.7/8
 All: 4.588+/-0.085 χ^2/NDF : 1890.7/15

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.449+/-0.177 χ^2/NDF :1280.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Left: 40.844+/-0.126 χ^2/NDF : 2498.9/15

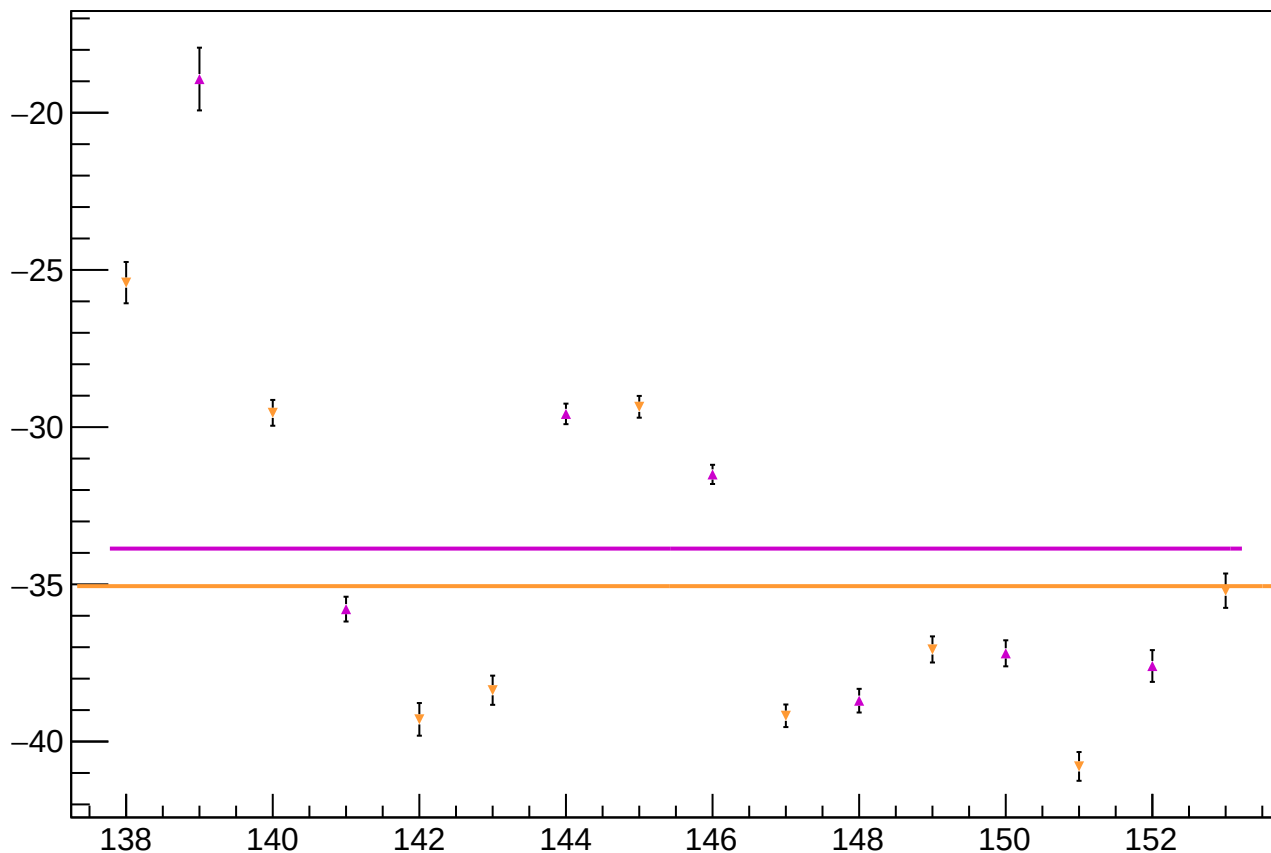
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Out: 40.449+/-0.177 χ^2/NDF :1280.9/8

All: 40.844+/-0.126 χ^2/NDF : 2498.9/15

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.058+/-0.146 χ^2/NDF :1097.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.863+/-0.150 χ^2/NDF :764.4/6

Left: -34.475+/-0.105 χ^2/NDF : 1893.8/15

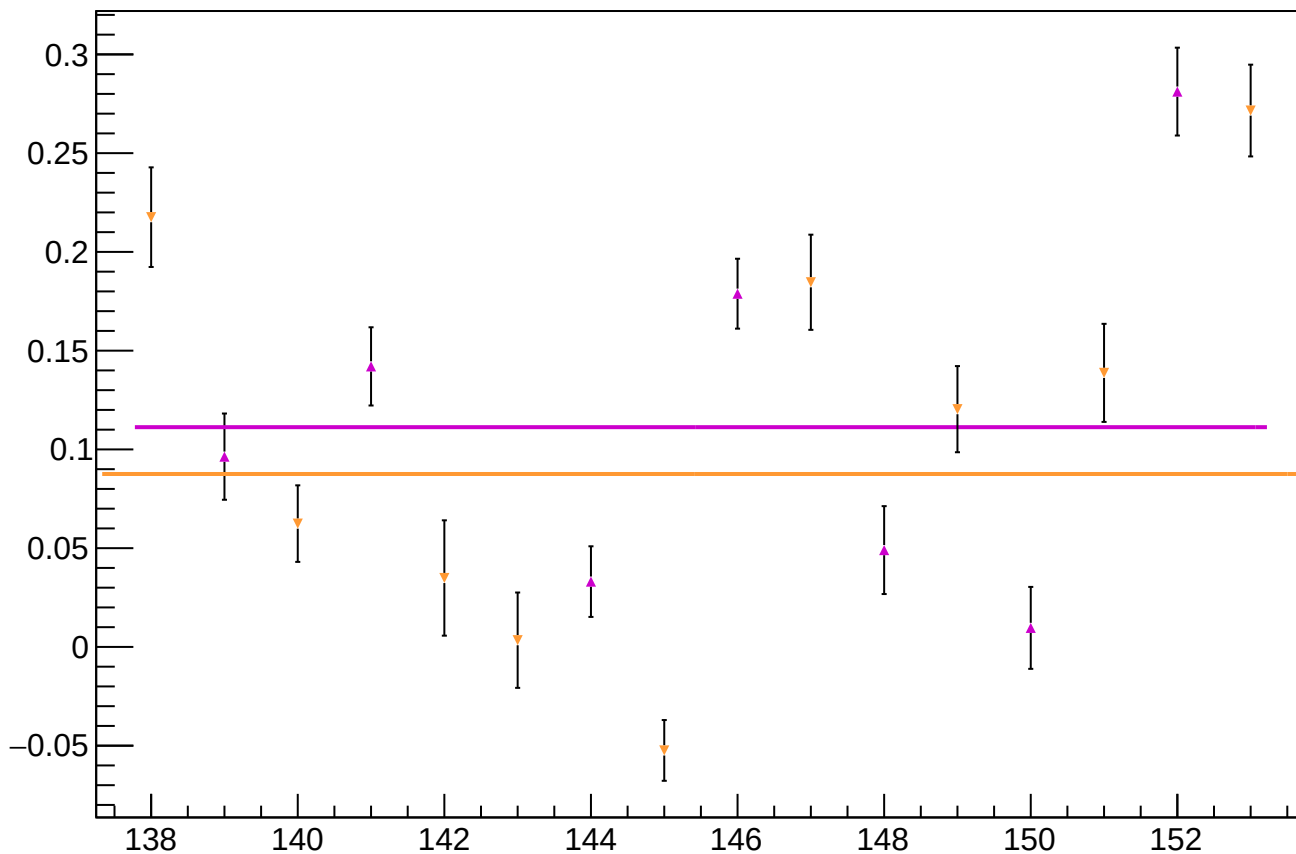
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.863+/-0.150 χ^2/NDF :764.4/6

Out: -35.058+/-0.146 χ^2/NDF :1097.0/8

All: -34.475+/-0.105 χ^2/NDF : 1893.8/15

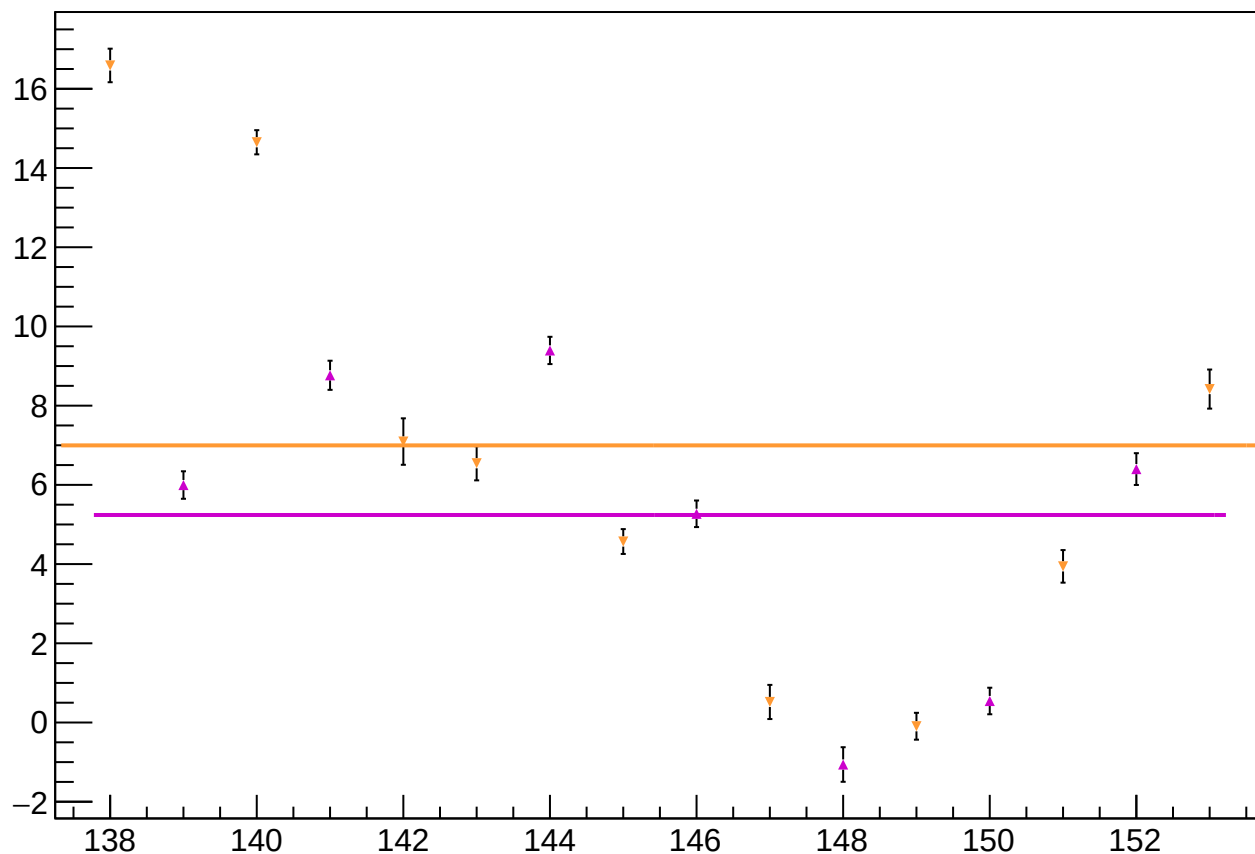
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.088 $\pm$ 0.007 χ^2 /NDF:212.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6

Left: 0.099 $\pm$ 0.005 χ^2 /NDF: 343.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6
 Out: 0.088 $\pm$ 0.007 χ^2 /NDF:212.0/8
 All: 0.099 $\pm$ 0.005 χ^2 /NDF: 343.8/15

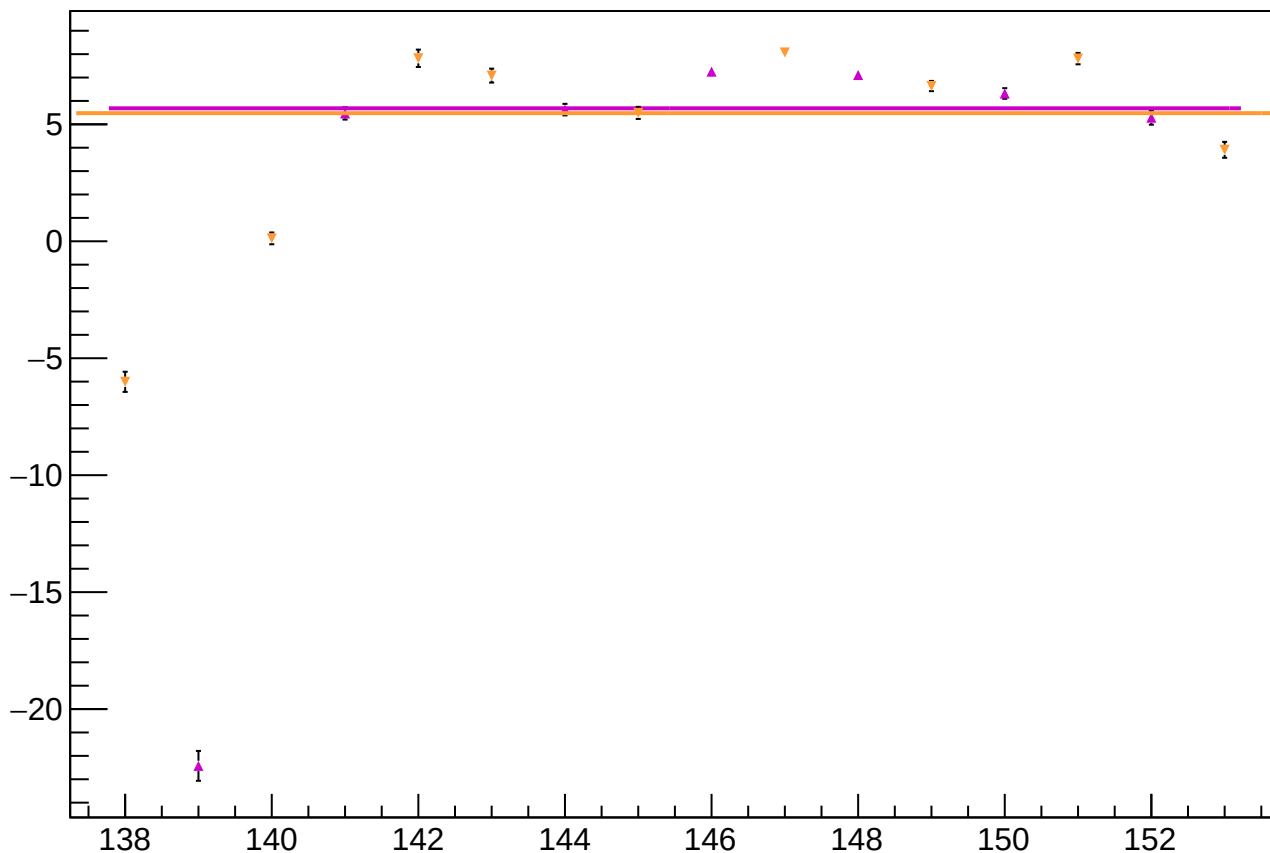
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.997+/-0.130 χ^2/NDF :1928.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.240+/-0.137 χ^2/NDF :655.2/6

Left: 6.161+/-0.094 χ^2/NDF : 2670.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.240+/-0.137 χ^2/NDF :655.2/6
 Out: 6.997+/-0.130 χ^2/NDF :1928.7/8
 All: 6.161+/-0.094 χ^2/NDF : 2670.3/15

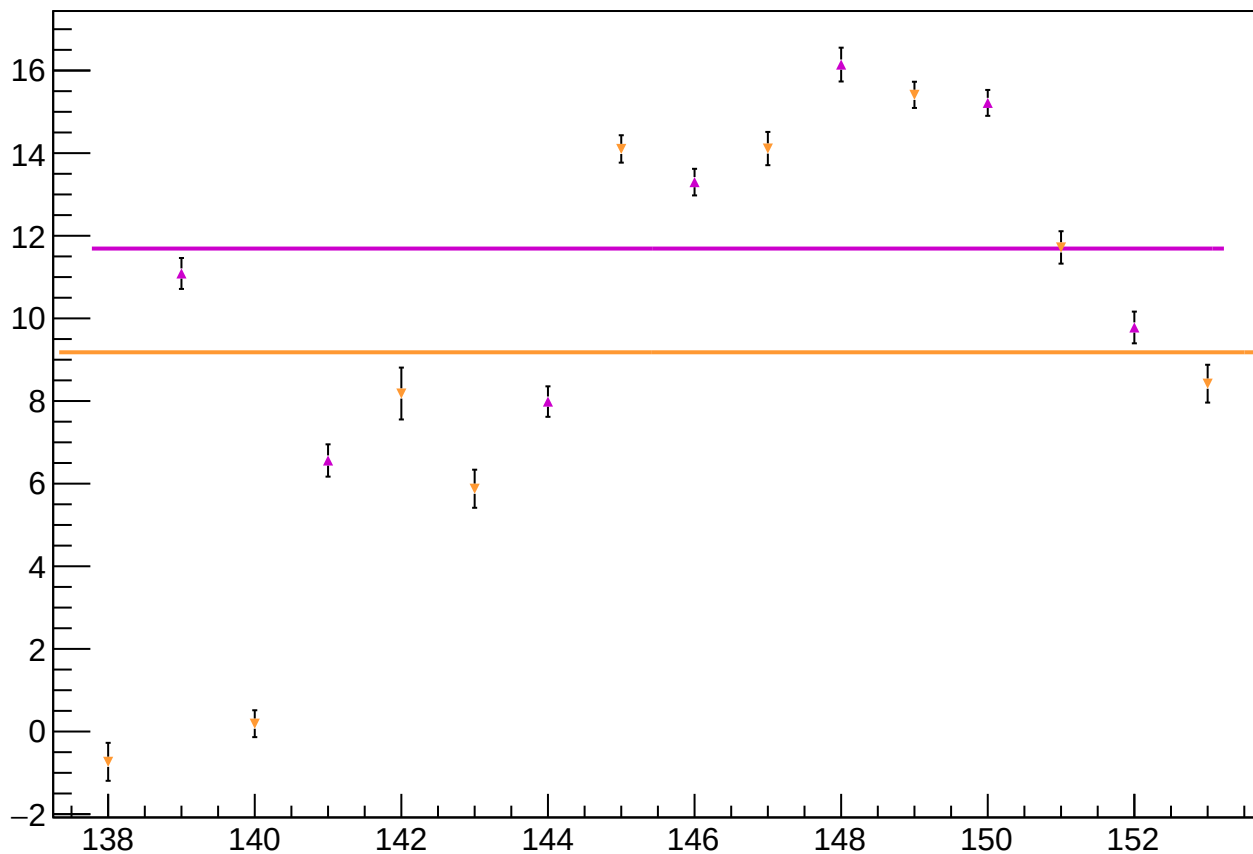
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.477+/-0.090 χ^2/NDF :1523.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.685+/-0.097 χ^2/NDF :2043.5/6

Left: 5.573+/-0.066 χ^2/NDF : 3569.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.685+/-0.097 χ^2/NDF :2043.5/6
 Out: 5.477+/-0.090 χ^2/NDF :1523.3/8
 All: 5.573+/-0.066 χ^2/NDF : 3569.3/15

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: 9.180+/-0.131 χ^2/NDF :2084.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.690+/-0.137 χ^2/NDF :569.9/6

Left: 10.386+/-0.095 χ^2/NDF : 2829.6/15

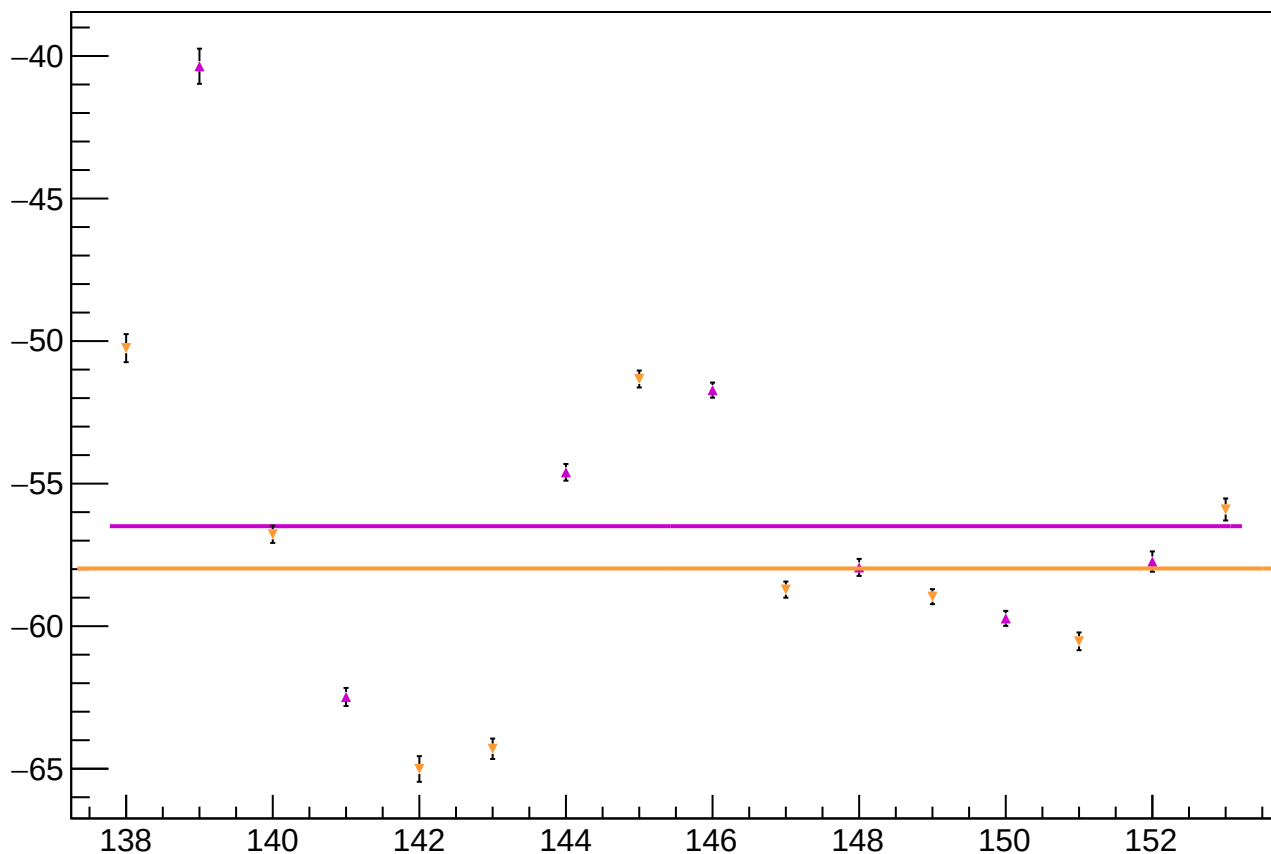
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.690+/-0.137 χ^2/NDF :569.9/6

Out: 9.180+/-0.131 χ^2/NDF :2084.2/8

All: 10.386+/-0.095 χ^2/NDF : 2829.6/15

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.976+/-0.110 χ^2/NDF :1437.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Left: -57.286+/-0.080 χ^2/NDF : 3119.6/15

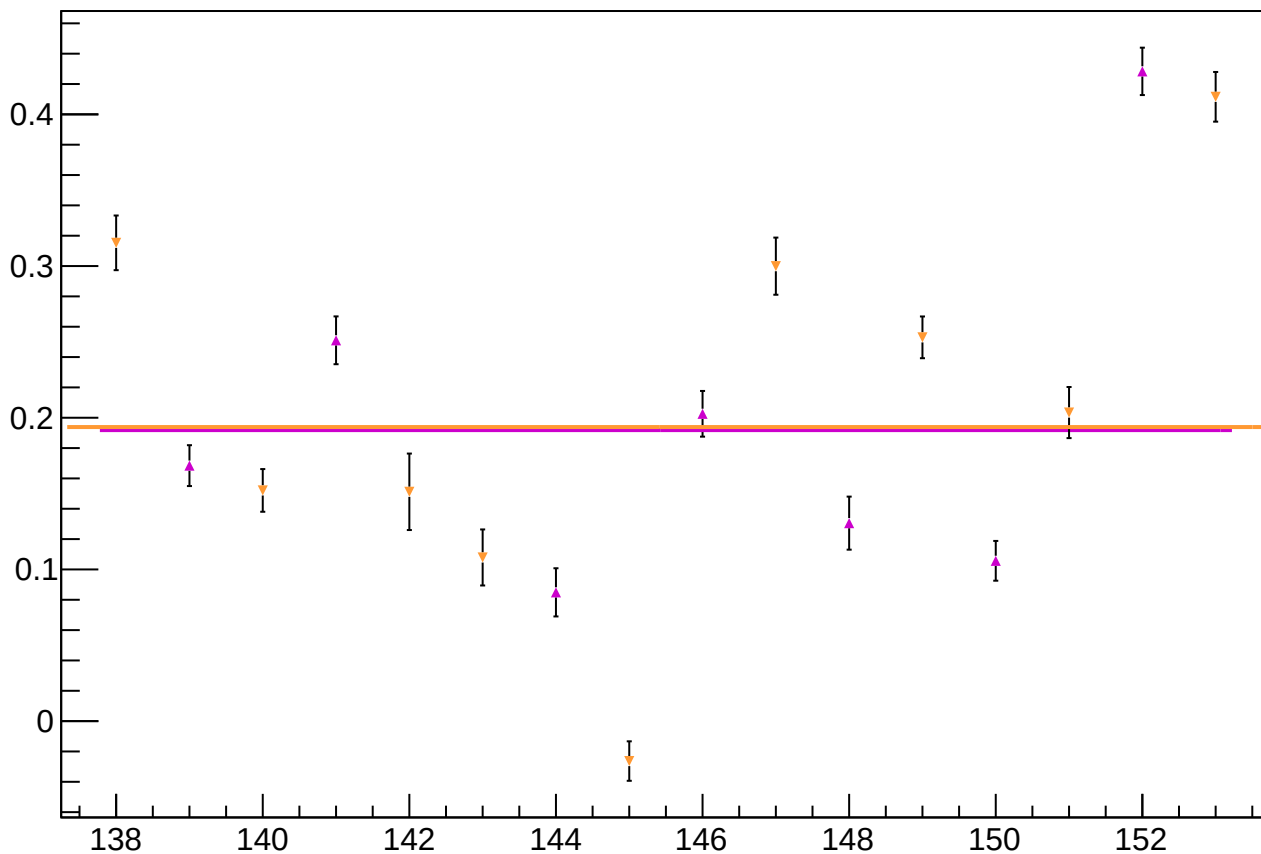
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Out: -57.976+/-0.110 χ^2/NDF :1437.2/8

All: -57.286+/-0.080 χ^2/NDF : 3119.6/15

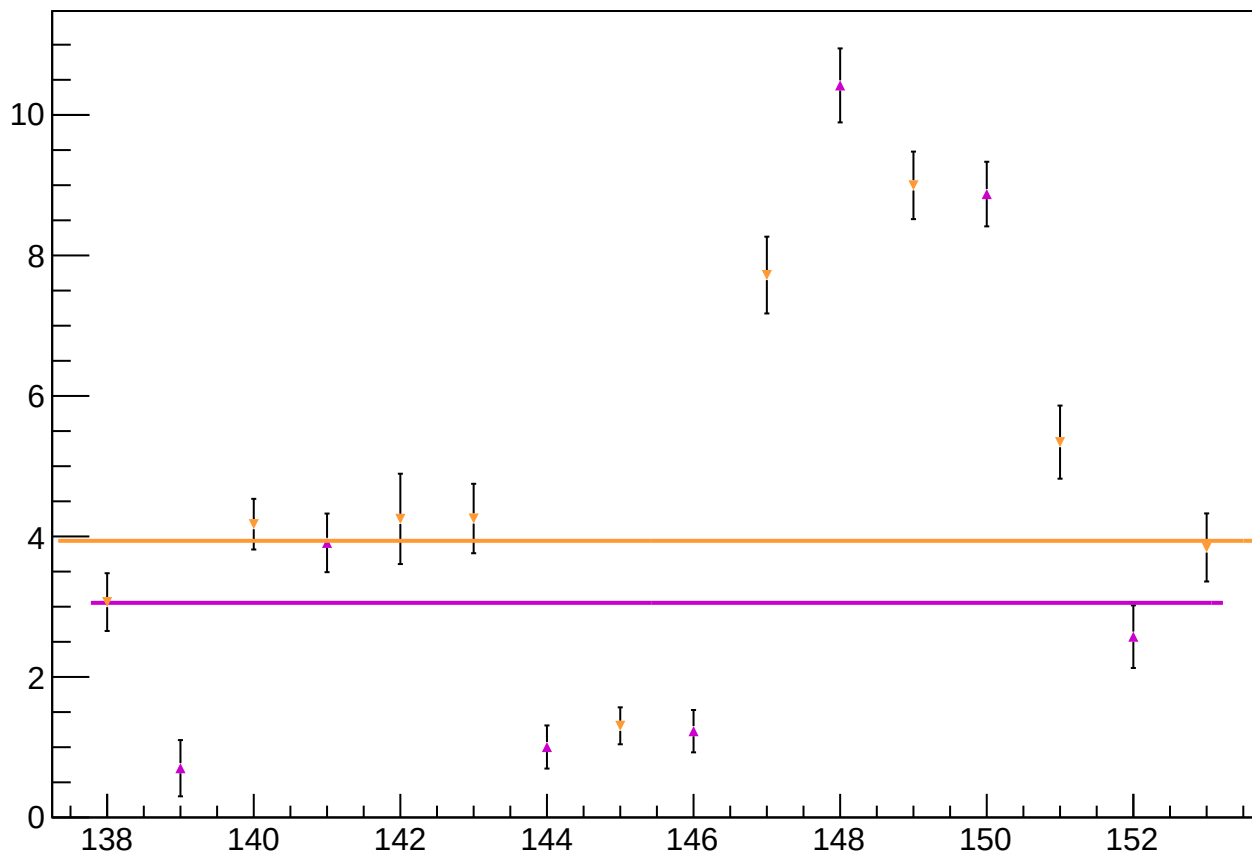
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.194 $\pm$ 0.005 χ^2 /NDF:592.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6

Left: 0.193 $\pm$ 0.004 χ^2 /NDF: 940.2/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6
 Out: 0.194 $\pm$ 0.005 χ^2 /NDF:592.4/8
 All: 0.193 $\pm$ 0.004 χ^2 /NDF: 940.2/15

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3.938 $\pm$ 0.141 χ^2 /NDF:271.9/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6

Left: 3.511 $\pm$ 0.101 χ^2 /NDF: 767.8/15

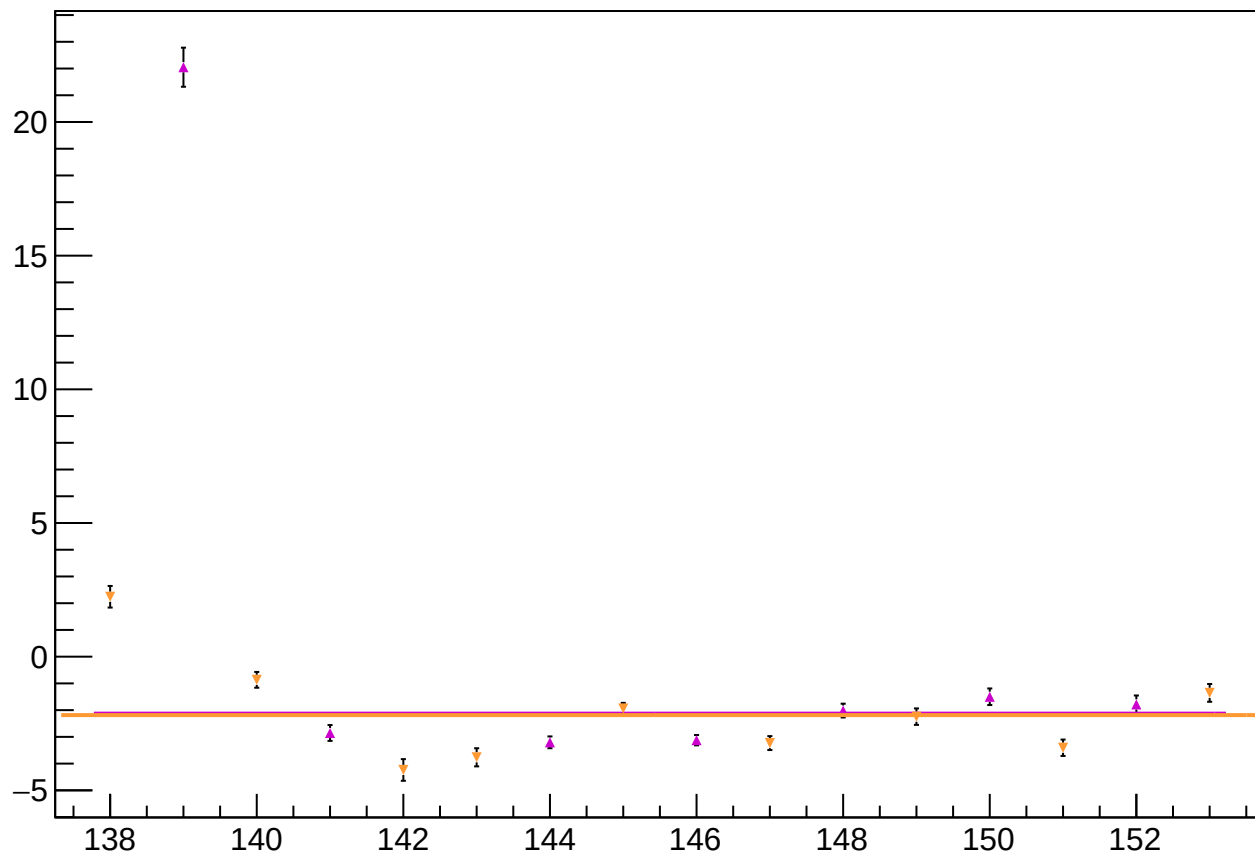
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6

Out: 3.938 $\pm$ 0.141 χ^2 /NDF:271.9/8

All: 3.511 $\pm$ 0.101 χ^2 /NDF: 767.8/15

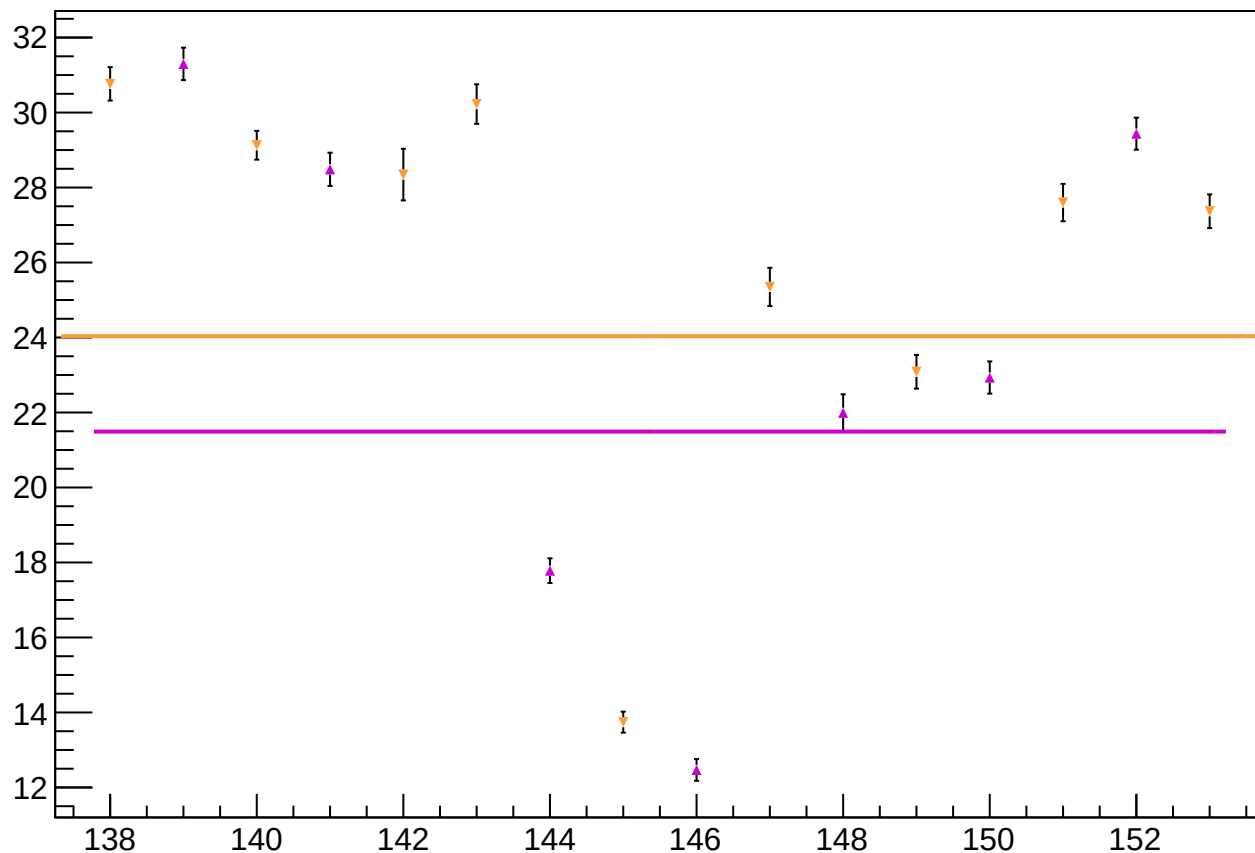
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.186+/-0.100 χ^2/NDF :226.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.132+/-0.103 χ^2/NDF :1155.3/6

Left: -2.159+/-0.072 χ^2/NDF : 1382.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.132+/-0.103 χ^2/NDF :1155.3/6
 Out: -2.186+/-0.100 χ^2/NDF :226.9/8
 All: -2.159+/-0.072 χ^2/NDF : 1382.3/15

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 24.035 $\pm$ 0.144 χ^2 /NDF:2046.1/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 21.491 $\pm$ 0.147 χ^2 /NDF:2216.4/6

Left: 22.783 $\pm$ 0.103 χ^2 /NDF: 4415.5/15

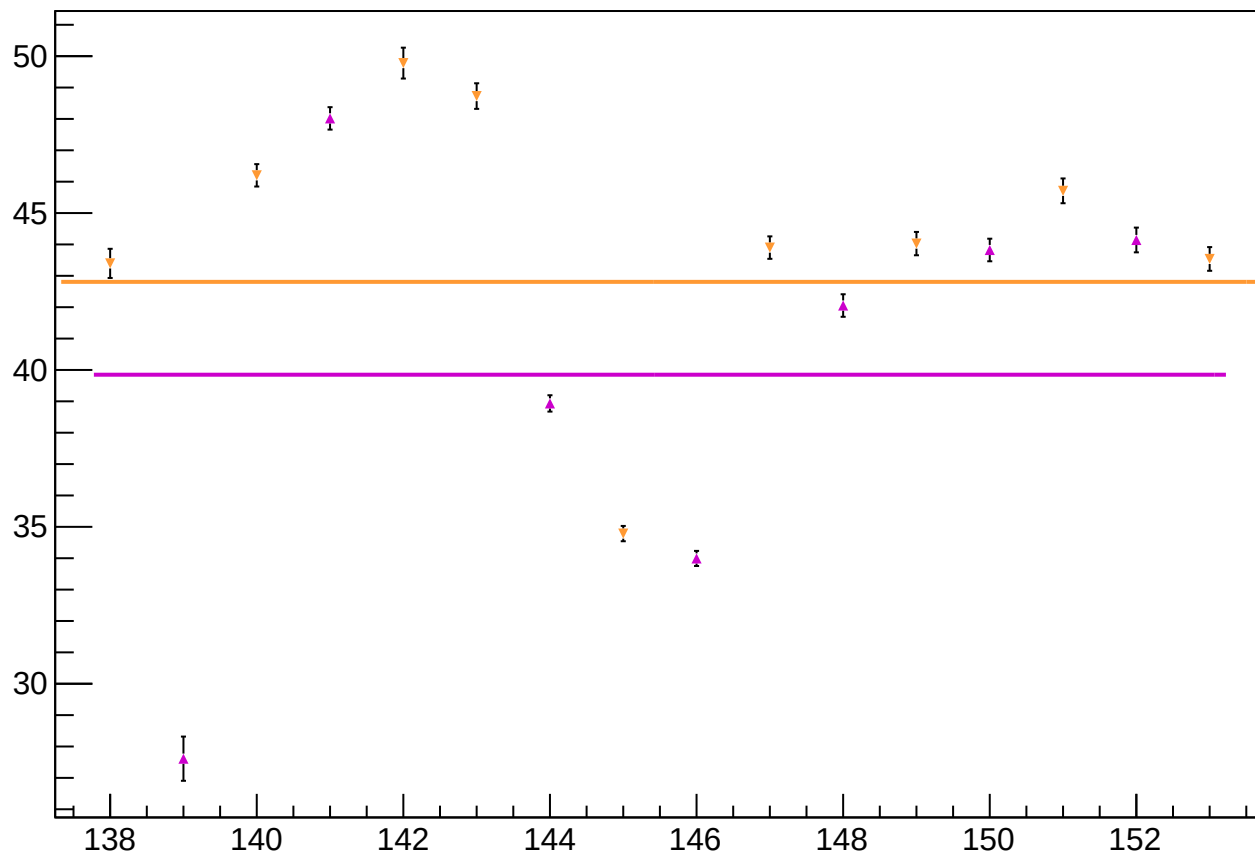
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 21.491 $\pm$ 0.147 χ^2 /NDF:2216.4/6

Out: 24.035 $\pm$ 0.144 χ^2 /NDF:2046.1/8

All: 22.783 $\pm$ 0.103 χ^2 /NDF: 4415.5/15

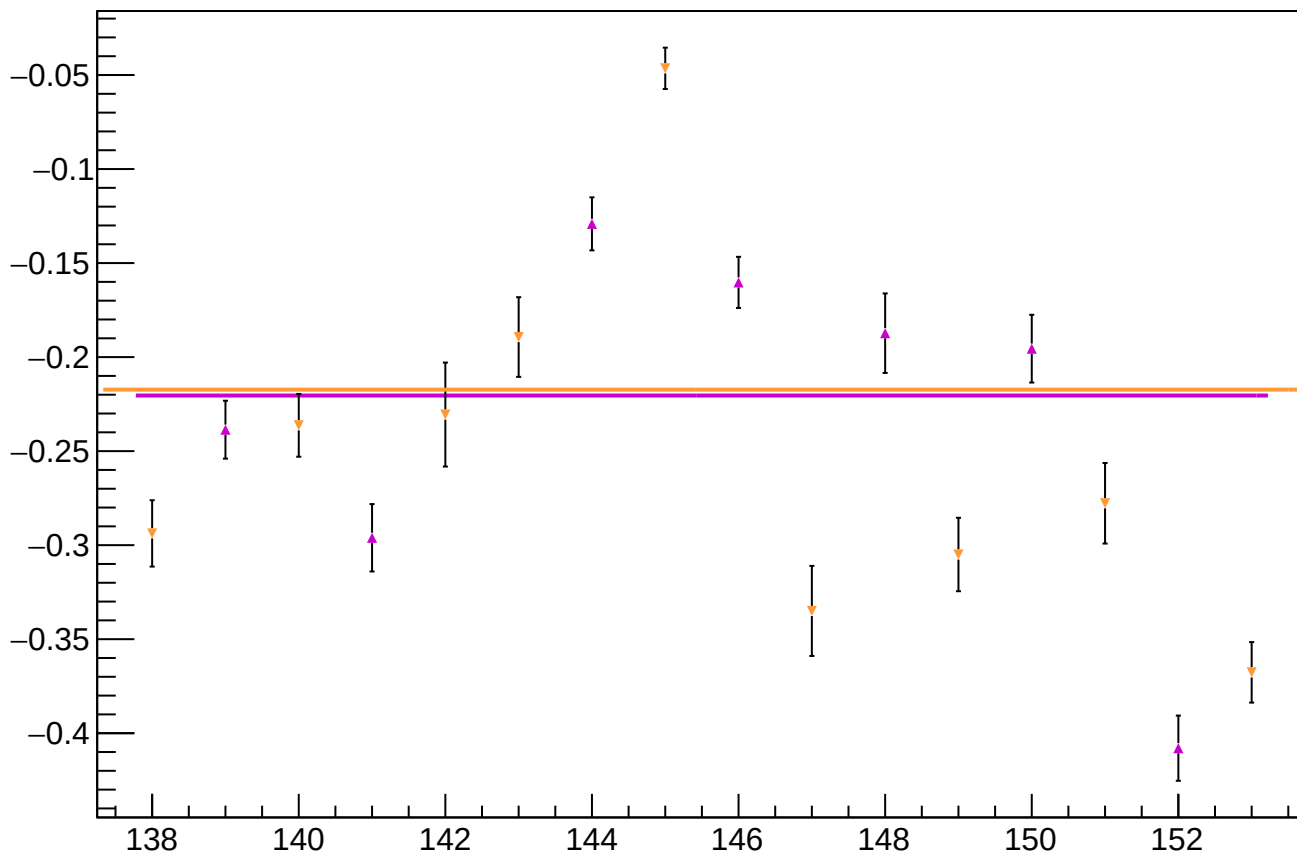
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 42.807 $\pm$ 0.121 χ^2 /NDF:1662.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.848 $\pm$ 0.125 χ^2 /NDF:1706.7/6

Left: 41.375 $\pm$ 0.087 χ^2 /NDF: 3657.1/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.848 $\pm$ 0.125 χ^2 /NDF:1706.7/6
 Out: 42.807 $\pm$ 0.121 χ^2 /NDF:1662.6/8
 All: 41.375 $\pm$ 0.087 χ^2 /NDF: 3657.1/15

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: -0.217+/-0.006 χ^2/NDF : 403.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.220+/-0.006 χ^2/NDF : 202.1/6

Left: -0.219+/-0.004 χ^2/NDF : 605.8/15

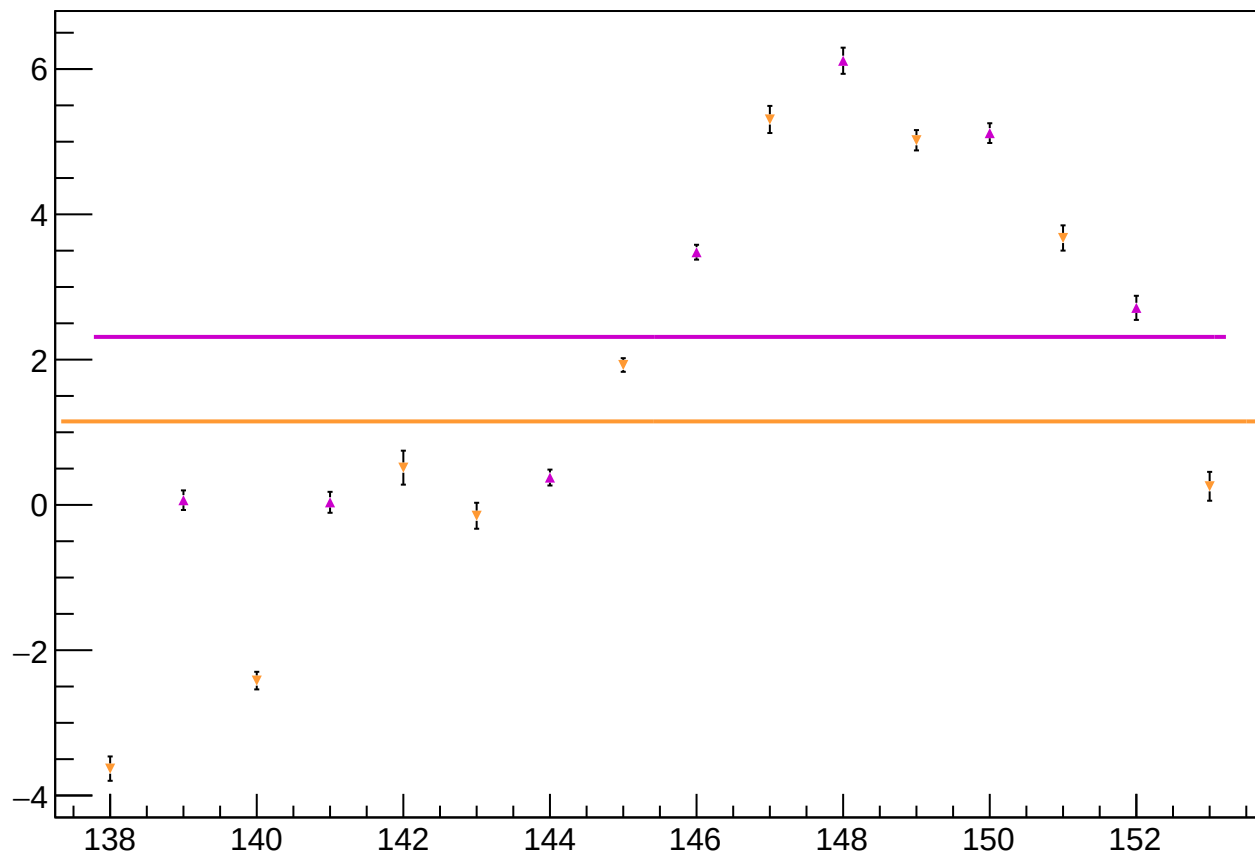
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.220+/-0.006 χ^2/NDF : 202.1/6

Out: -0.217+/-0.006 χ^2/NDF : 403.5/8

All: -0.219+/-0.004 χ^2/NDF : 605.8/15

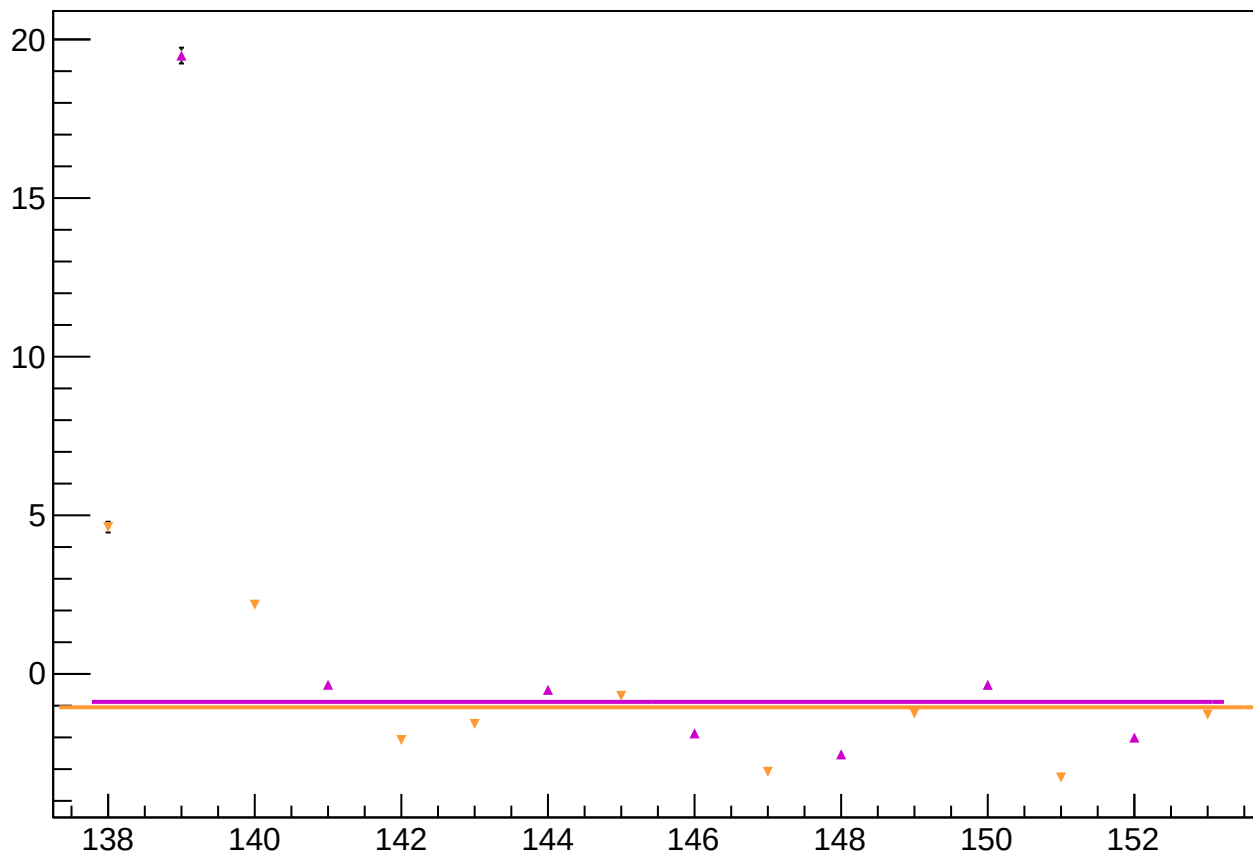
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.150 $\pm$ 0.050 χ^2 /NDF:3302.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6

Left: 1.730 $\pm$ 0.035 χ^2 /NDF: 5424.9/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6
 Out: 1.150 $\pm$ 0.050 χ^2 /NDF:3302.6/8
 All: 1.730 $\pm$ 0.035 χ^2 /NDF: 5424.9/15

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



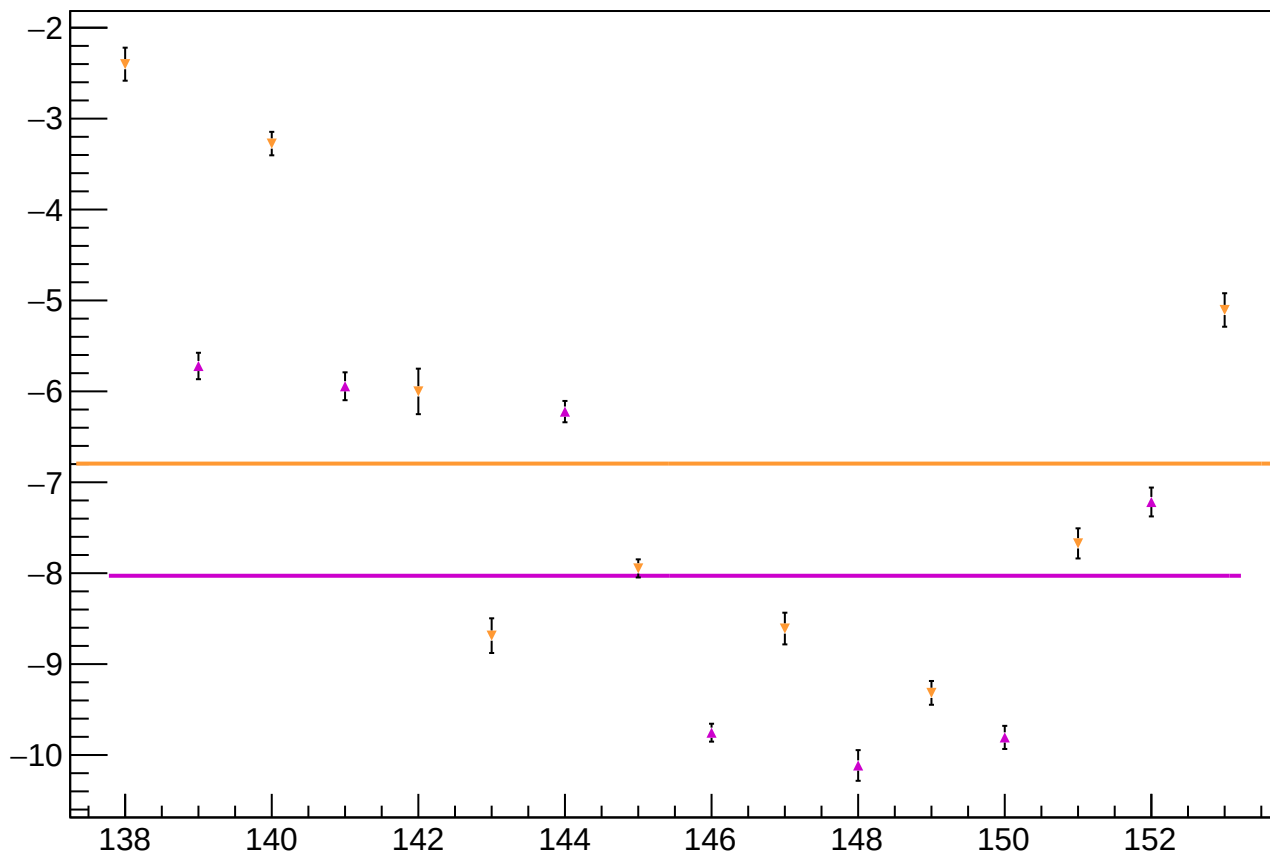
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.051+/-0.035 χ^2/NDF : 3247.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Left: -0.966+/-0.025 χ^2/NDF : 10674.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.880+/-0.035 χ^2/NDF : 7415.7/6
 Out: -1.051+/-0.035 χ^2/NDF : 3247.0/8

All: -0.966+/-0.025 χ^2/NDF : 10674.4/15

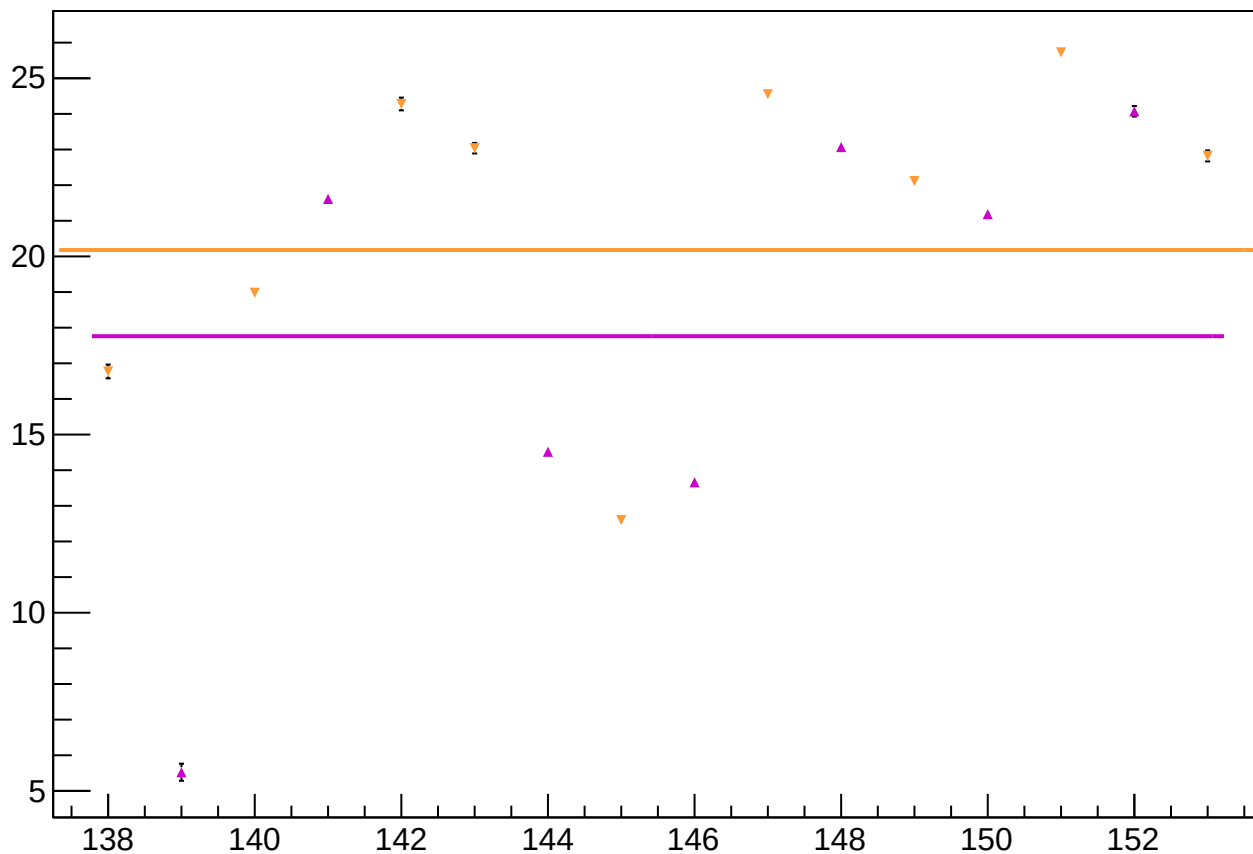
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.795+/-0.051 χ^2/NDF :2163.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Left: -7.420+/-0.035 χ^2/NDF : 3821.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.028+/-0.050 χ^2/NDF :1355.7/6
 Out: -6.795+/-0.051 χ^2/NDF :2163.5/8
 All: -7.420+/-0.035 χ^2/NDF : 3821.3/15

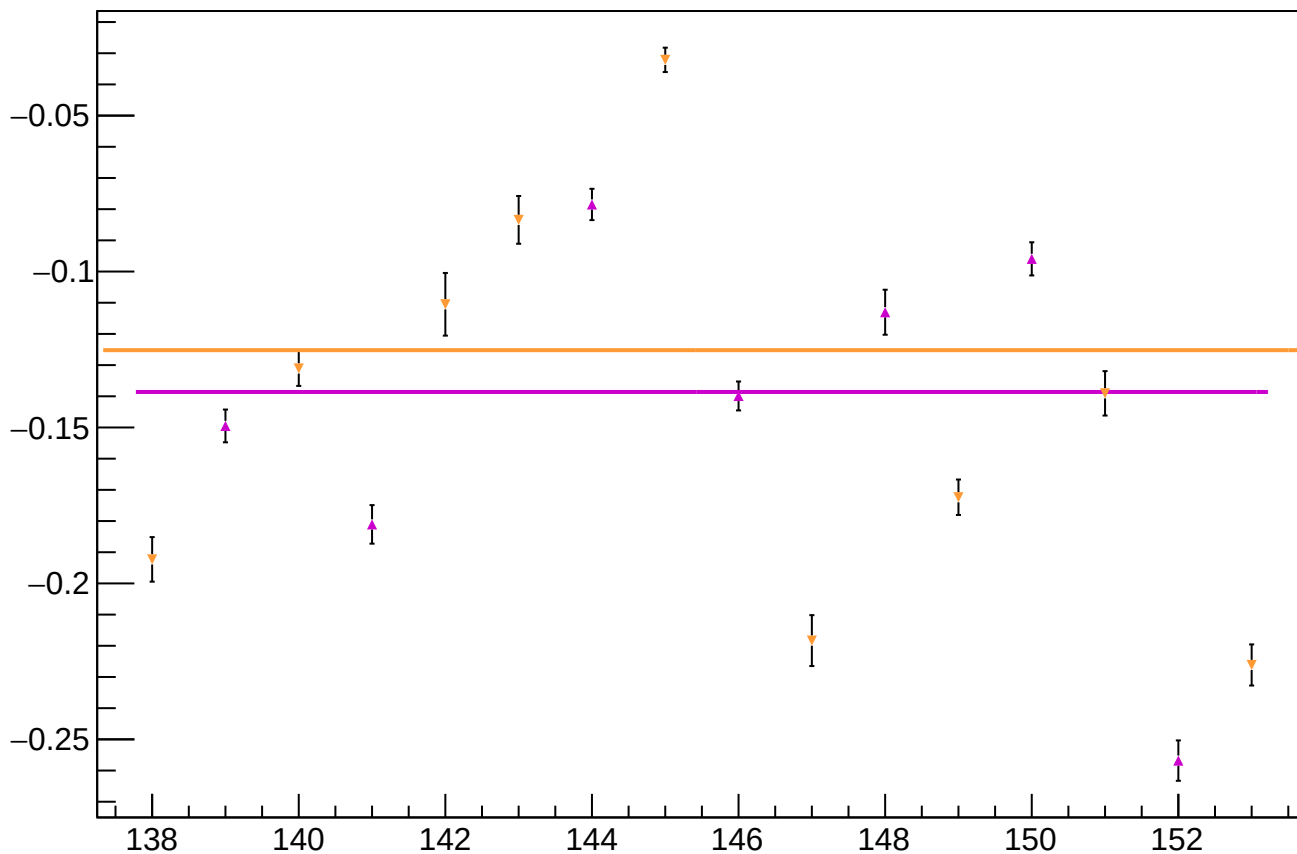
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.180+/-0.043 χ^2/NDF :12343.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.761+/-0.043 χ^2/NDF :11977.2/6

Left: 18.977+/-0.030 χ^2/NDF : 25925.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.761+/-0.043 χ^2/NDF :11977.2/6
 Out: 20.180+/-0.043 χ^2/NDF :12343.0/8
 All: 18.977+/-0.030 χ^2/NDF : 25925.4/15

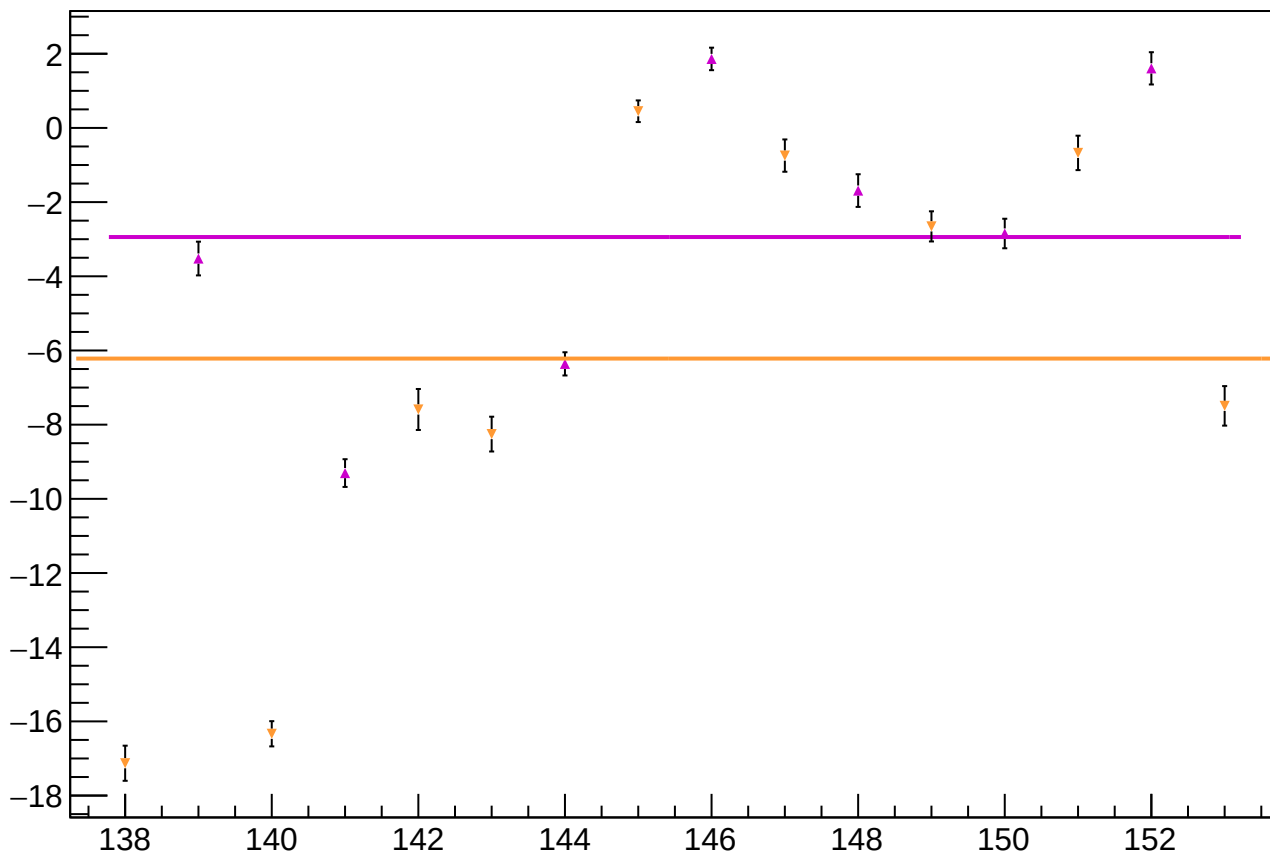
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.125+/-0.002 χ^2/NDF :1125.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.139+/-0.002 χ^2/NDF :605.4/6

Left: -0.132+/-0.001 χ^2/NDF : 1752.0/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.139+/-0.002 χ^2/NDF :605.4/6
 Out: -0.125+/-0.002 χ^2/NDF :1125.9/8
 All: -0.132+/-0.001 χ^2/NDF : 1752.0/15

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



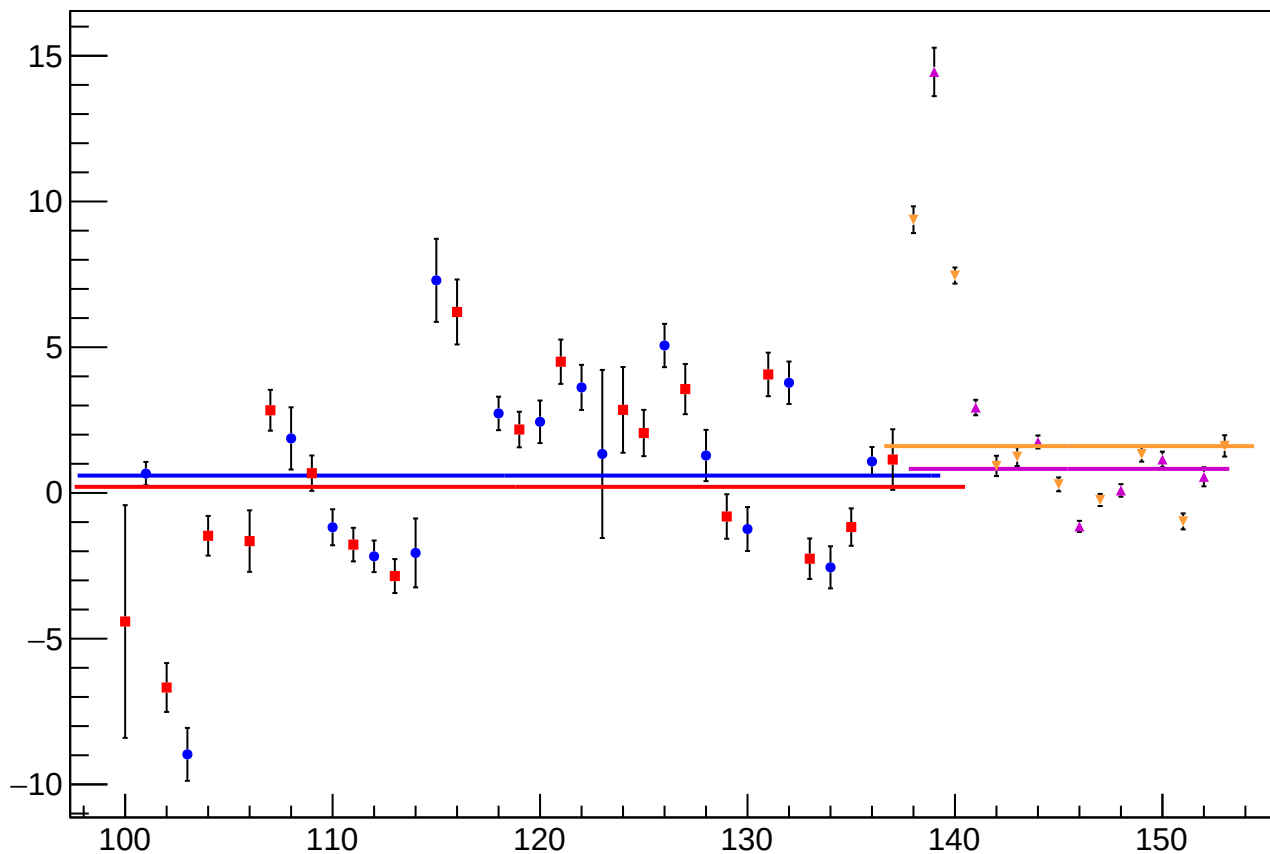
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.218+/-0.138 χ^2/NDF :2345.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.941+/-0.142 χ^2/NDF :778.7/6

Left: -4.617+/-0.099 χ^2/NDF : 3398.0/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.941+/-0.142 χ^2/NDF :778.7/6
 Out: -6.218+/-0.138 χ^2/NDF :2345.8/8

All: -4.617+/-0.099 χ^2/NDF : 3398.0/15

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 1.606 $\pm$ 0.094 χ^2 /NDF:939.6/8

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

Left In: 0.826 $\pm$ 0.096 χ^2 /NDF:469.1/6

Left: 1.223 $\pm$ 0.067 χ^2 /NDF: 1442.2/15

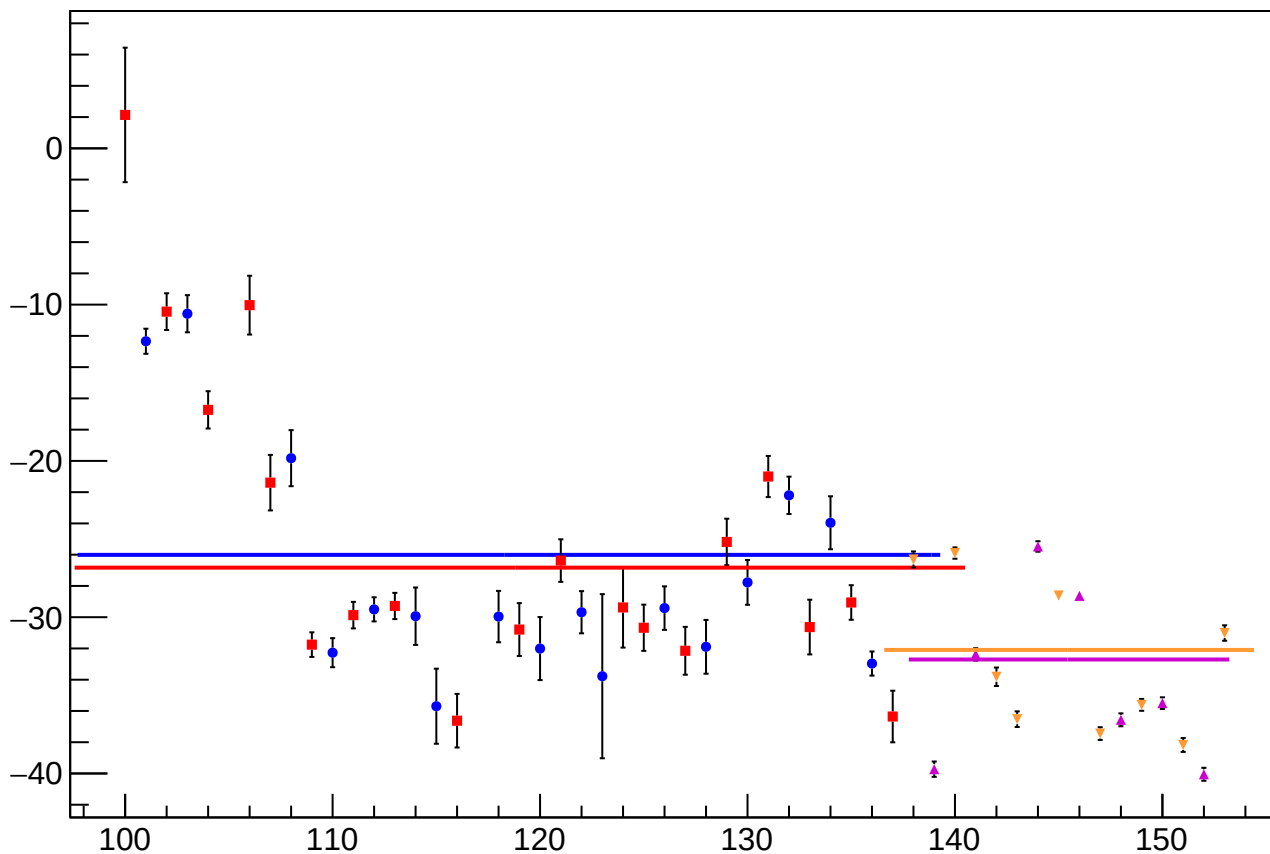
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 0.769 $\pm$ 0.084 χ^2 /NDF:761.7/23

Out: 1.290 $\pm$ 0.083 χ^2 /NDF:1262.6/27

All: 1.032 $\pm$ 0.059 χ^2 /NDF: 2043.8/51

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 $\chi^2/\text{NDF}: 692.9/16$

Left Out: -32.095 ± 0.140 $\chi^2/\text{NDF}: 1085.0/8$

Right Out: -26.829 ± 0.297 $\chi^2/\text{NDF}: 581.6/18$

Left In: -32.707 ± 0.141 $\chi^2/\text{NDF}: 1319.8/6$

Left: -32.398 ± 0.100 $\chi^2/\text{NDF}: 2414.3/15$

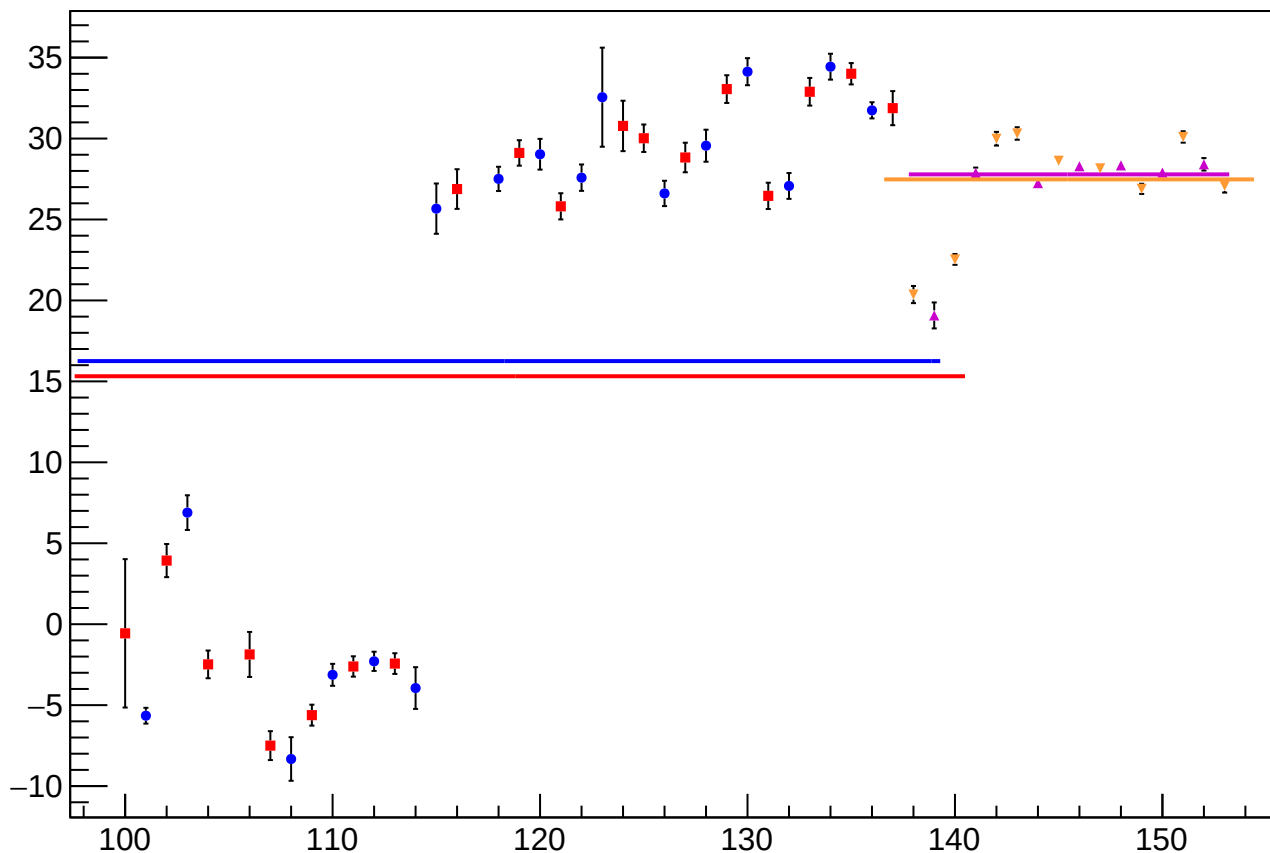
Right: -26.423 ± 0.211 $\chi^2/\text{NDF}: 1278.3/35$

In: -31.486 ± 0.128 $\chi^2/\text{NDF}: 2421.2/23$

Out: -31.138 ± 0.127 $\chi^2/\text{NDF}: 1923.0/27$

All: -31.311 ± 0.090 $\chi^2/\text{NDF}: 4347.9/51$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.477 $\pm$ 0.116 χ^2 /NDF:571.2/8

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

Left In: 27.787 $\pm$ 0.118 χ^2 /NDF:133.0/6

Left: 27.629 $\pm$ 0.083 χ^2 /NDF: 707.8/15

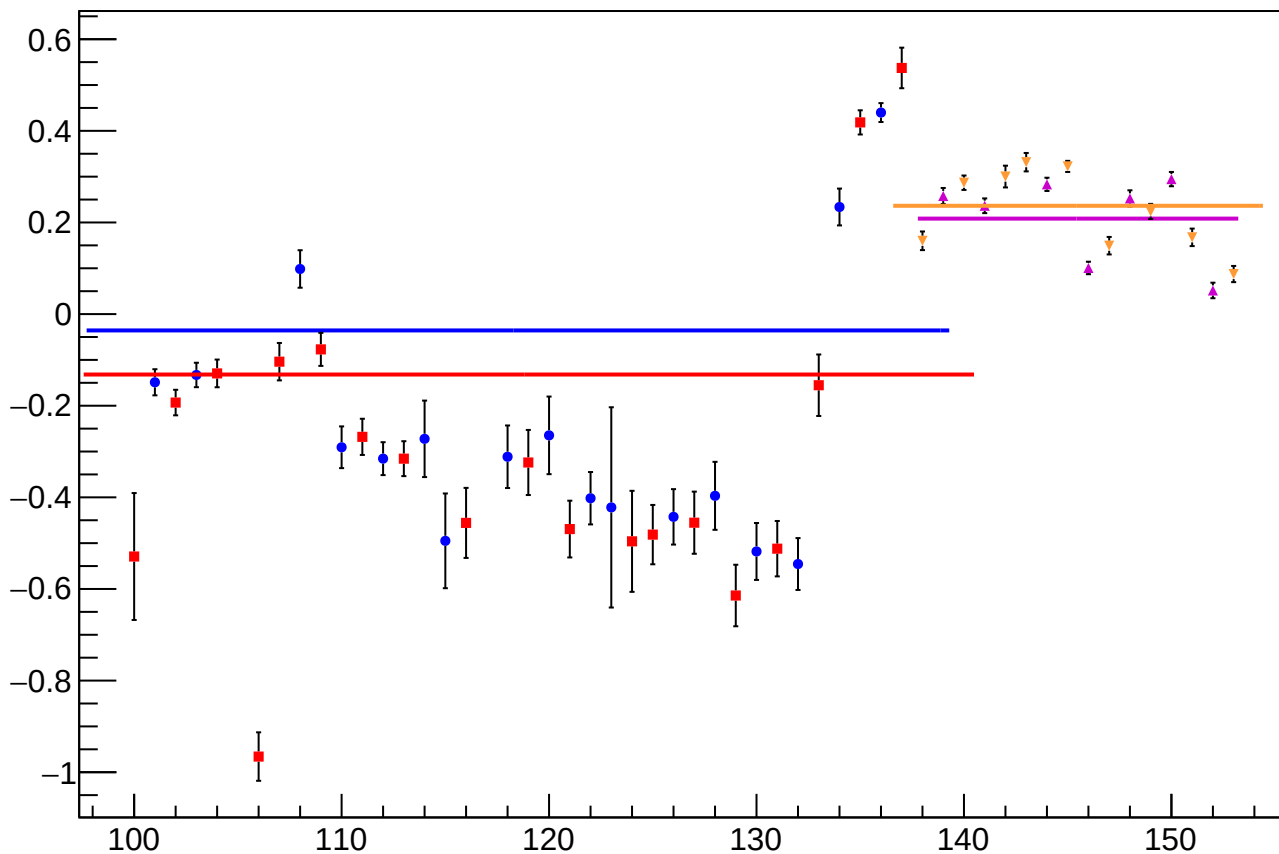
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14903.0/35

In: 24.584 $\pm$ 0.101 χ^2 /NDF:10377.7/23

Out: 24.345 $\pm$ 0.100 χ^2 /NDF:10679.8/27

All: 24.464 $\pm$ 0.071 χ^2 /NDF: 21060.4/51

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.236 ± 0.006 χ^2/NDF : 209.6/8

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.208 ± 0.006 χ^2/NDF : 222.1/6

Left: 0.223 ± 0.004 χ^2/NDF : 443.0/15

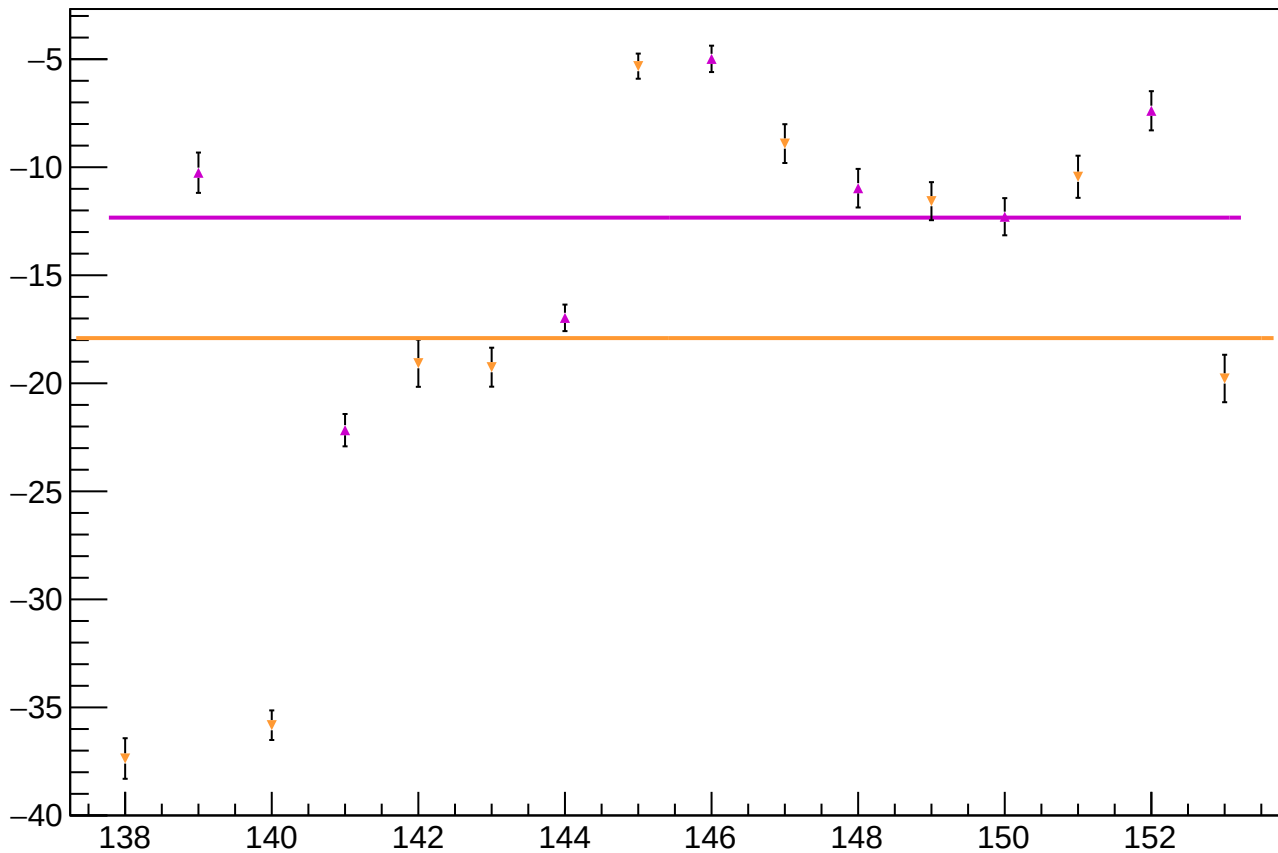
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.147 ± 0.005 χ^2/NDF : 1656.2/23

Out: 0.149 ± 0.005 χ^2/NDF : 2344.2/27

All: 0.148 ± 0.004 χ^2/NDF : 4000.5/51

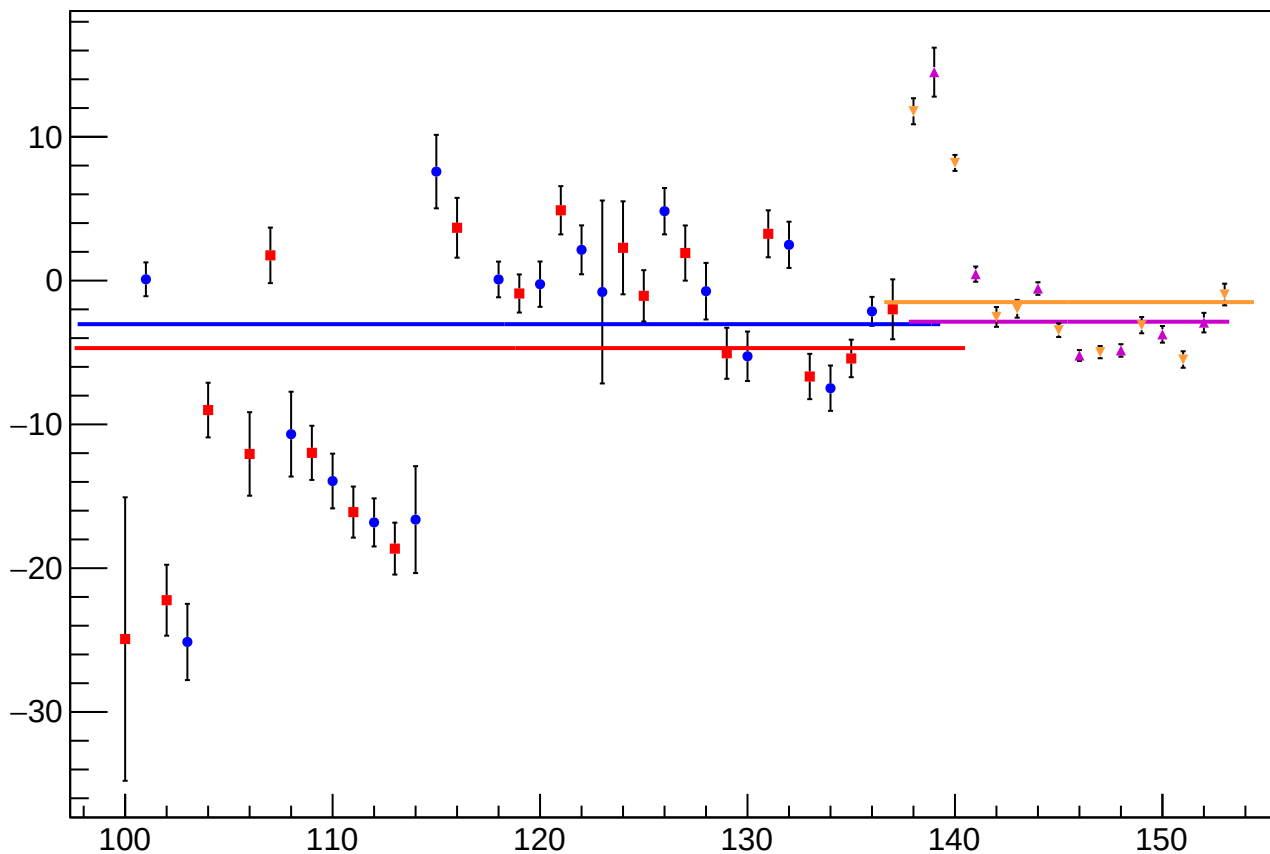
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.908+/-0.281 χ^2/NDF :1799.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.333+/-0.288 χ^2/NDF :411.7/6

Left: -15.189+/-0.201 χ^2/NDF : 2403.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.333+/-0.288 χ^2/NDF :411.7/6
 Out: -17.908+/-0.281 χ^2/NDF :1799.1/8
 All: -15.189+/-0.201 χ^2/NDF : 2403.3/15

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 $\chi^2/\text{NDF}: 280.8/16$

Left Out: -1.497 ± 0.192 $\chi^2/\text{NDF}: 662.0/8$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

Left In: -2.859 ± 0.194 $\chi^2/\text{NDF}: 232.8/6$

Left: -2.171 ± 0.136 $\chi^2/\text{NDF}: 919.7/15$

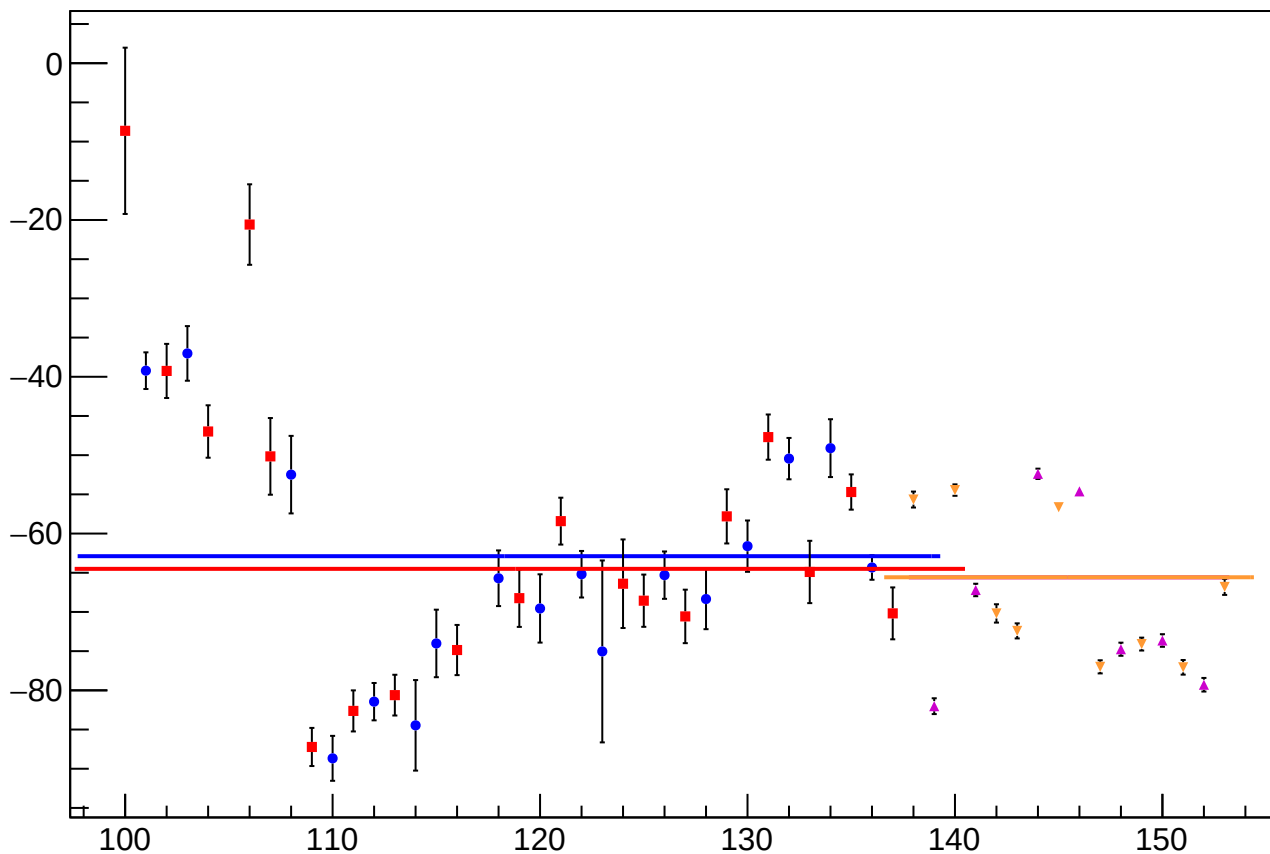
Right: -3.824 ± 0.295 $\chi^2/\text{NDF}: 587.0/35$

In: -2.890 ± 0.175 $\chi^2/\text{NDF}: 513.7/23$

Out: -2.035 ± 0.175 $\chi^2/\text{NDF}: 1006.9/27$

All: -2.463 ± 0.124 $\chi^2/\text{NDF}: 1532.6/51$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -65.575 ± 0.285 $\chi^2/\text{NDF}: 1049.1/8$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

Left In: -65.589 ± 0.288 $\chi^2/\text{NDF}: 1491.8/6$

Left: -65.582 ± 0.203 $\chi^2/\text{NDF}: 2540.9/15$

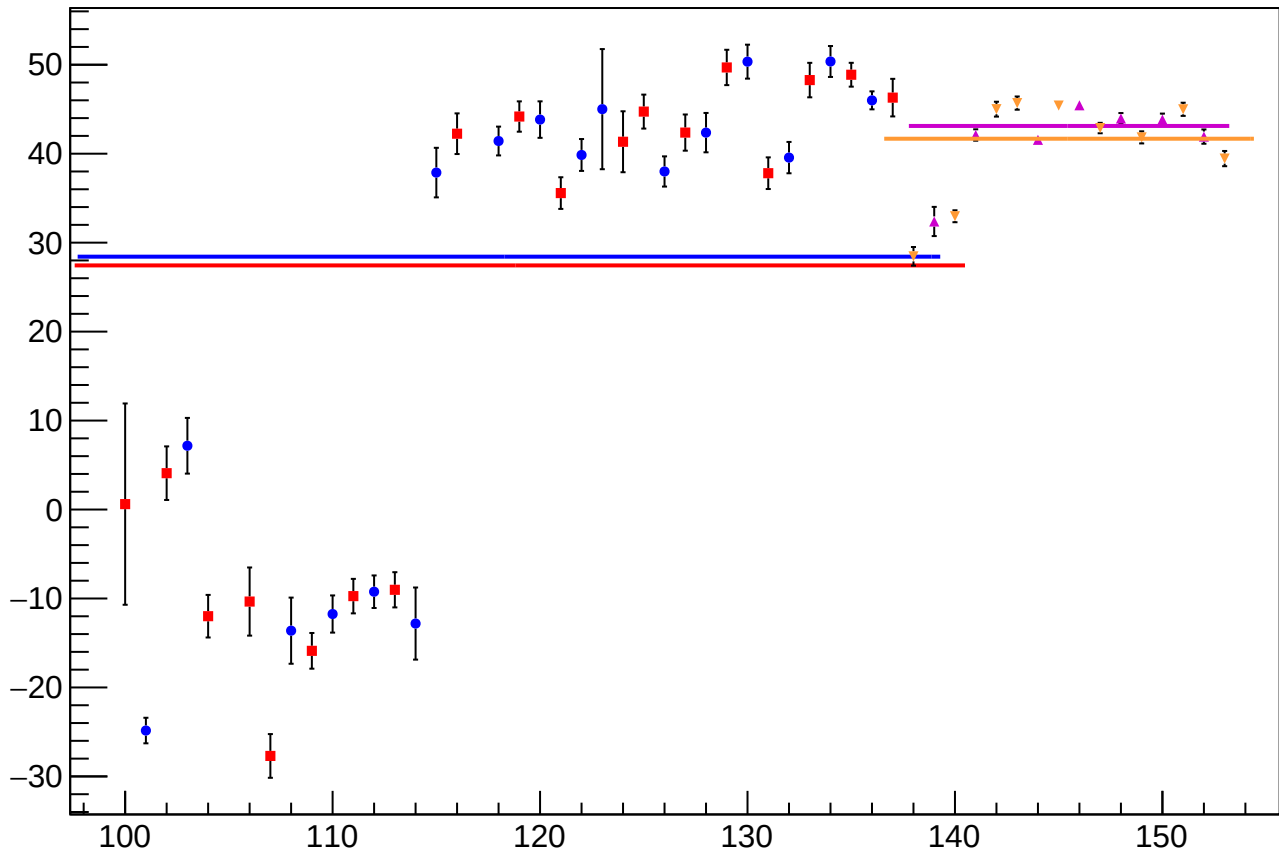
Right: -63.680 ± 0.526 $\chi^2/\text{NDF}: 815.2/35$

In: -65.232 ± 0.268 $\chi^2/\text{NDF}: 1872.2/23$

Out: -65.440 ± 0.267 $\chi^2/\text{NDF}: 1494.9/27$

All: -65.337 ± 0.189 $\chi^2/\text{NDF}: 3367.5/51$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF : 3330.3/16

Left Out: 41.683+/-0.236 χ^2/NDF :450.1/8

Right Out: 27.441+/-0.479 χ^2/NDF : 3033.0/18

Left In: 43.118+/-0.240 χ^2/NDF :83.5/6

Left: 42.389+/-0.168 χ^2/NDF : 551.8/15

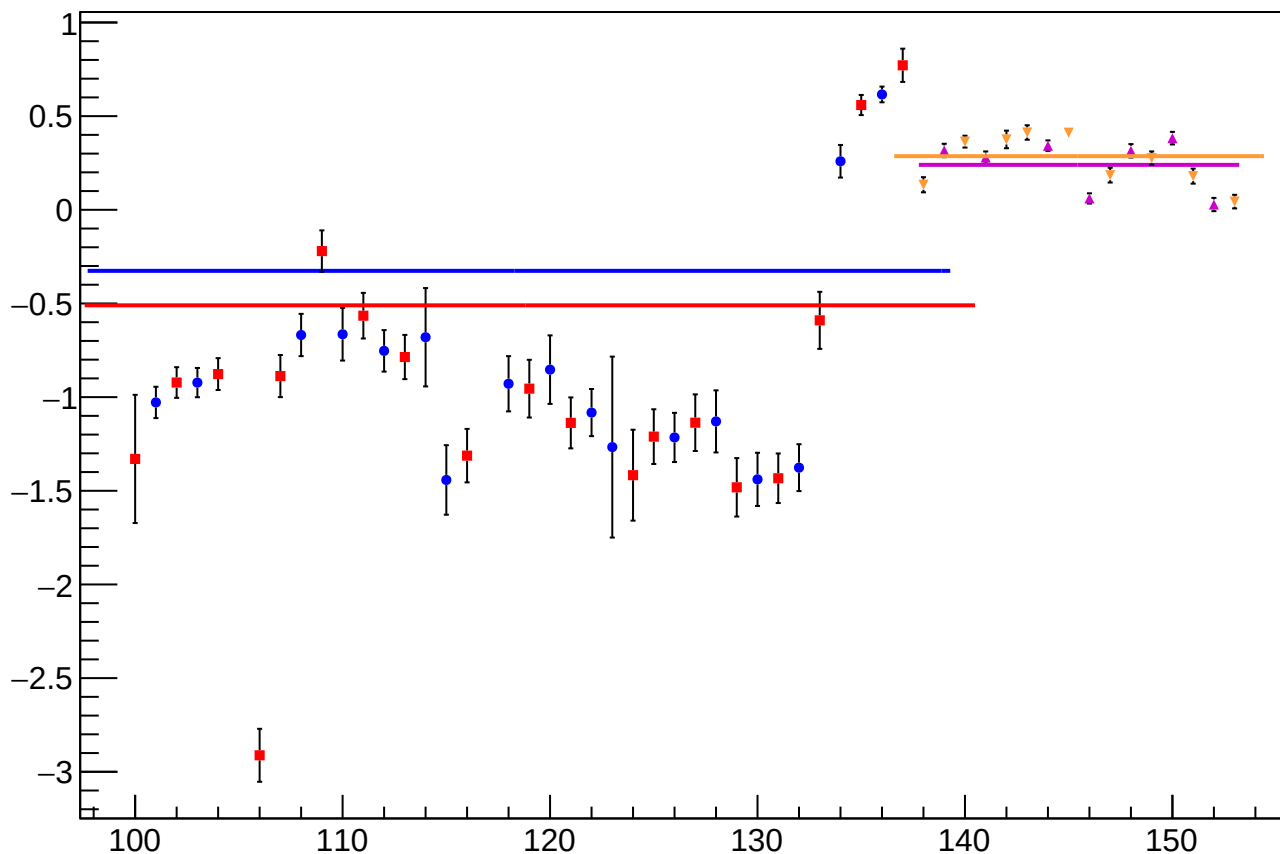
Right: 27.956+/-0.331 χ^2/NDF : 6365.5/35

In: 39.950+/-0.212 χ^2/NDF :4224.4/23

Out: 38.901+/-0.212 χ^2/NDF :4195.5/27

All: 39.424+/-0.150 χ^2/NDF : 8432.1/51

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.286 ± 0.012 χ^2/NDF : 119.4/8

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.240 ± 0.012 χ^2/NDF : 119.8/6

Left: 0.264 ± 0.008 χ^2/NDF : 246.8/15

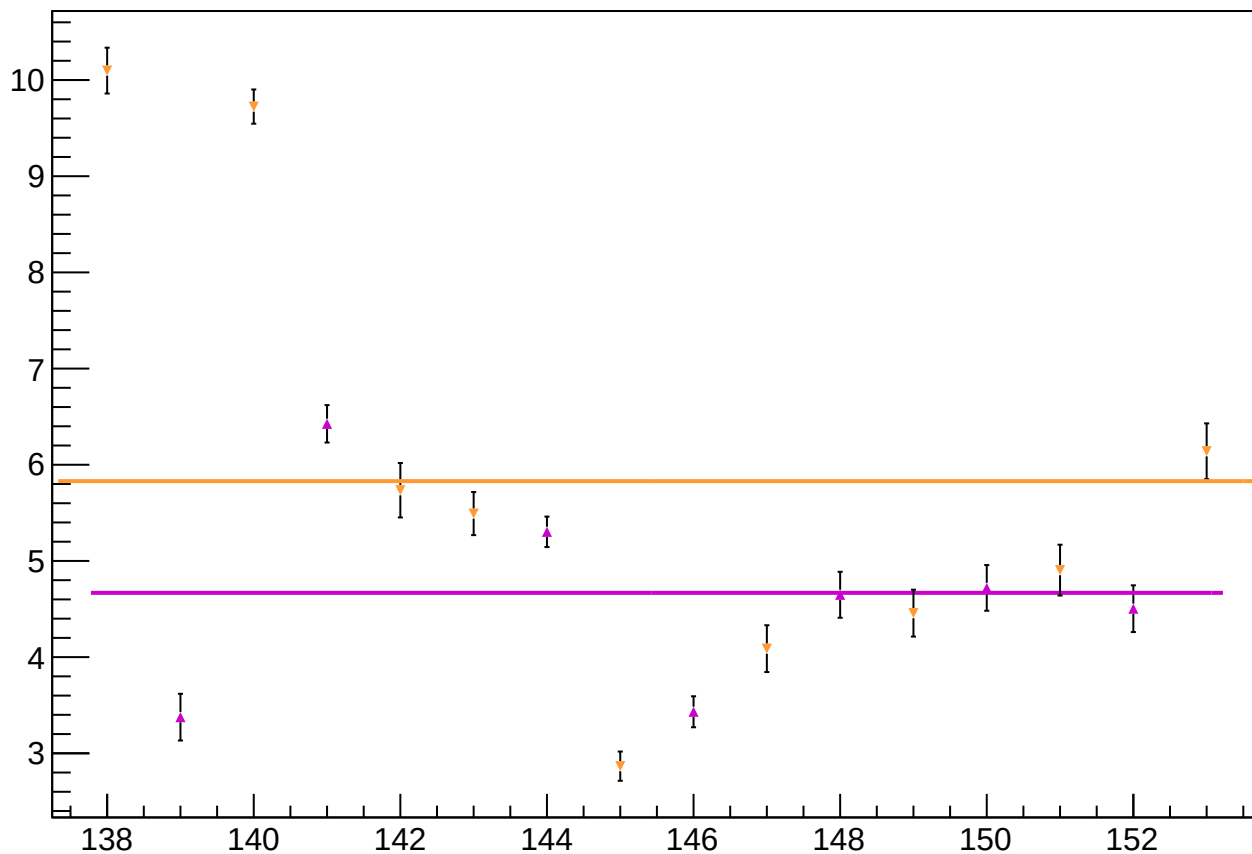
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: 0.131 ± 0.011 χ^2/NDF : 1549.8/23

Out: 0.148 ± 0.011 χ^2/NDF : 2082.5/27

All: 0.140 ± 0.008 χ^2/NDF : 3633.6/51

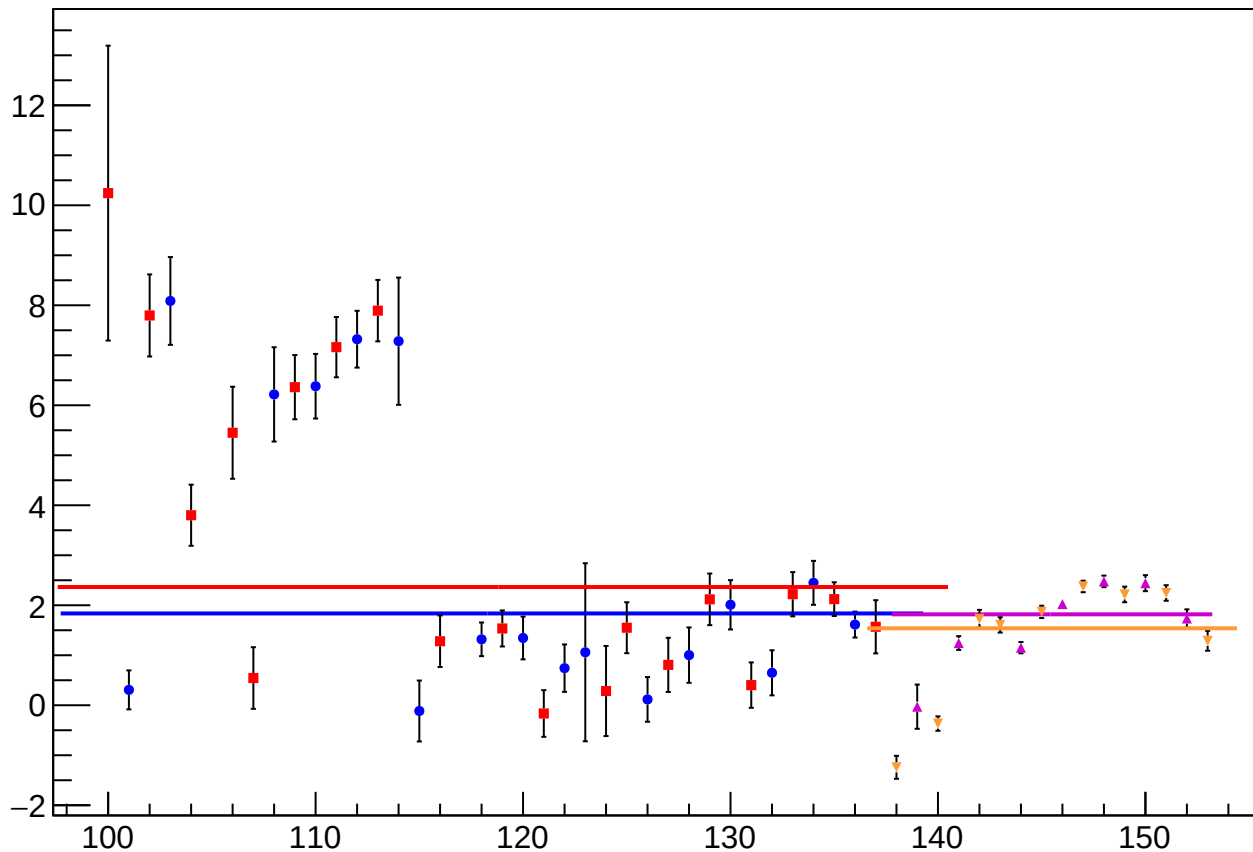
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.830+/-0.074 χ^2/NDF :1277.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.076 χ^2/NDF :185.5/6

Left: 5.267+/-0.053 χ^2/NDF : 1583.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.668+/-0.076 χ^2/NDF :185.5/6
 Out: 5.830+/-0.074 χ^2/NDF :1277.3/8
 All: 5.267+/-0.053 χ^2/NDF : 1583.7/15

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 1.539 $\pm$ 0.051 χ^2 /NDF:423.5/8

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

Left In: 1.819 $\pm$ 0.051 χ^2 /NDF:121.8/6

Left: 1.678 $\pm$ 0.036 χ^2 /NDF: 560.4/15

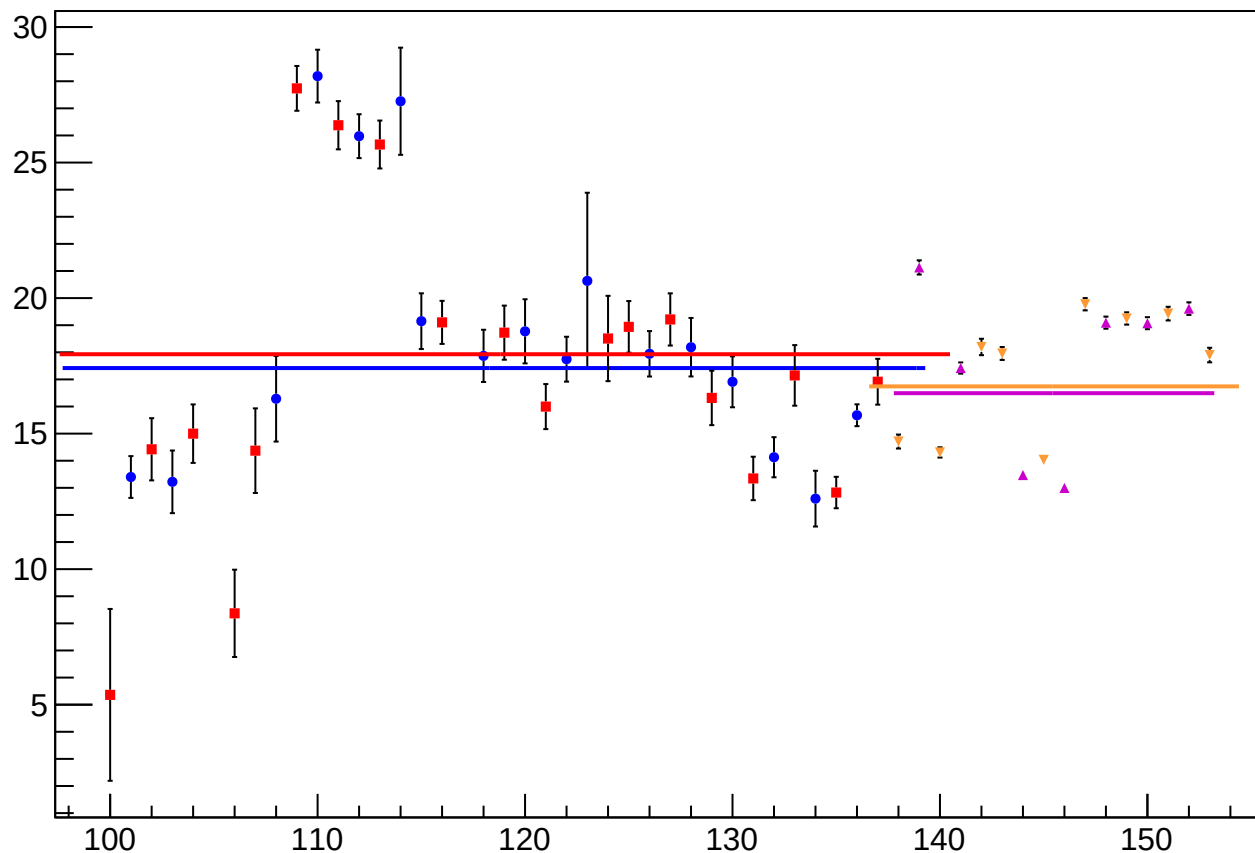
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.821 $\pm$ 0.047 χ^2 /NDF:416.7/23

Out: 1.660 $\pm$ 0.047 χ^2 /NDF:798.6/27

All: 1.741 $\pm$ 0.033 χ^2 /NDF: 1221.3/51

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 16.743 $\pm$ 0.075 χ^2 /NDF: 986.9/8

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 16.492 $\pm$ 0.076 χ^2 /NDF: 1610.7/6

Left: 16.619 $\pm$ 0.053 χ^2 /NDF: 2603.1/15

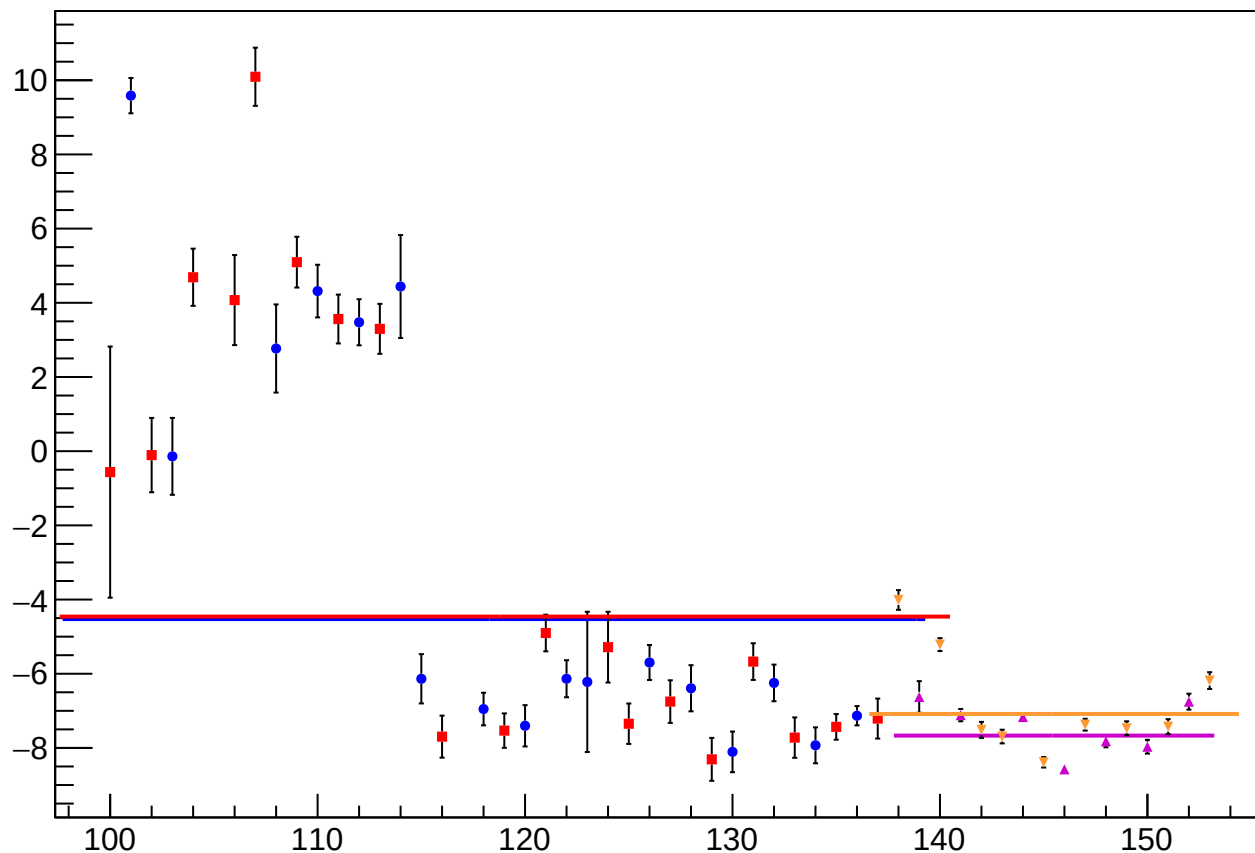
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 16.597 $\pm$ 0.072 χ^2 /NDF: 1994.5/23

Out: 16.867 $\pm$ 0.071 χ^2 /NDF: 1519.6/27

All: 16.733 $\pm$ 0.050 χ^2 /NDF: 3521.2/51

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -7.084 ± 0.062 χ^2/NDF : 373.9/8

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

Left In: -7.668 ± 0.063 χ^2/NDF : 106.2/6

Left: -7.371 ± 0.044 χ^2/NDF : 523.6/15

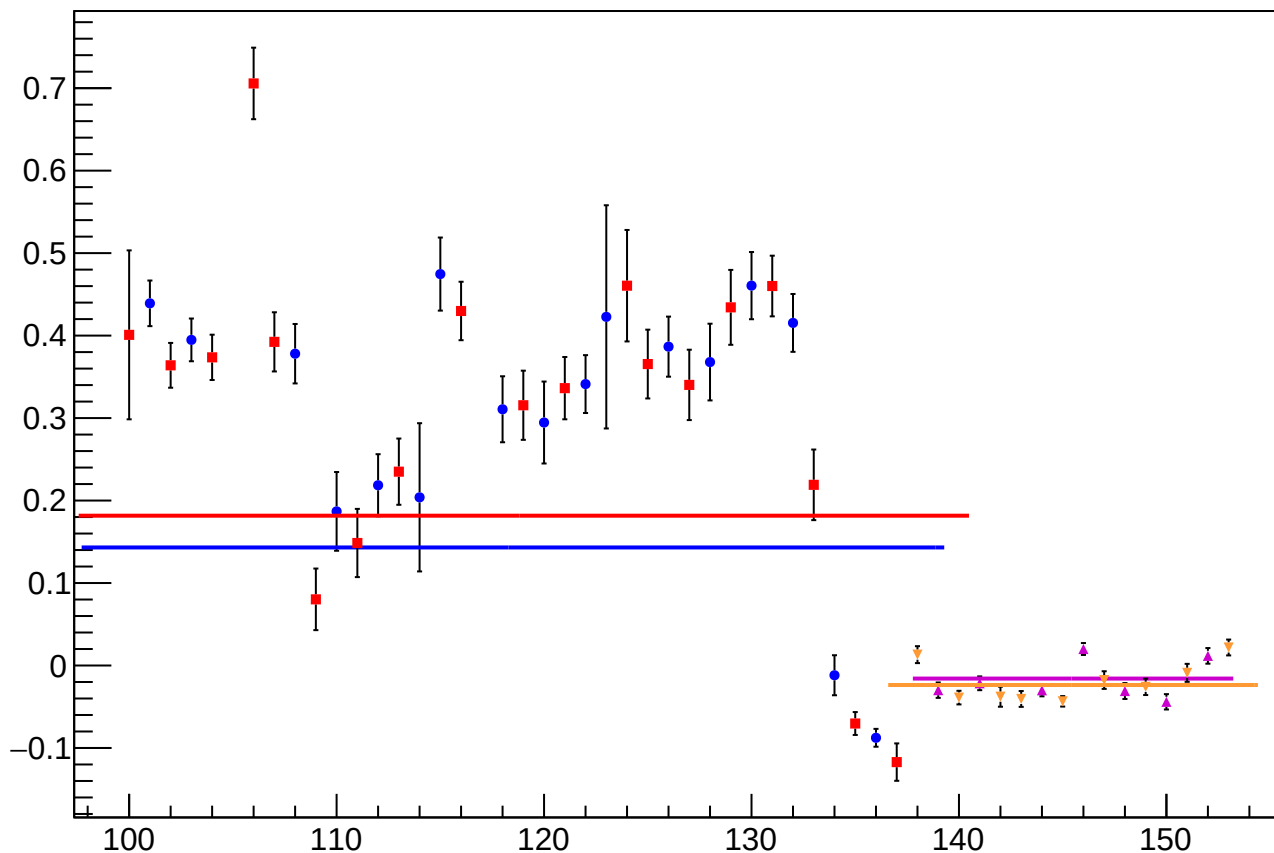
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.064 ± 0.057 χ^2/NDF : 2171.8/23

Out: -6.636 ± 0.057 χ^2/NDF : 2017.5/27

All: -6.850 ± 0.040 χ^2/NDF : 4217.8/51

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.024 ± 0.003 $\chi^2/\text{NDF}: 55.0/8$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

Left In: -0.016 ± 0.003 $\chi^2/\text{NDF}: 51.3/6$

Left: -0.020 ± 0.002 $\chi^2/\text{NDF}: 109.4/15$

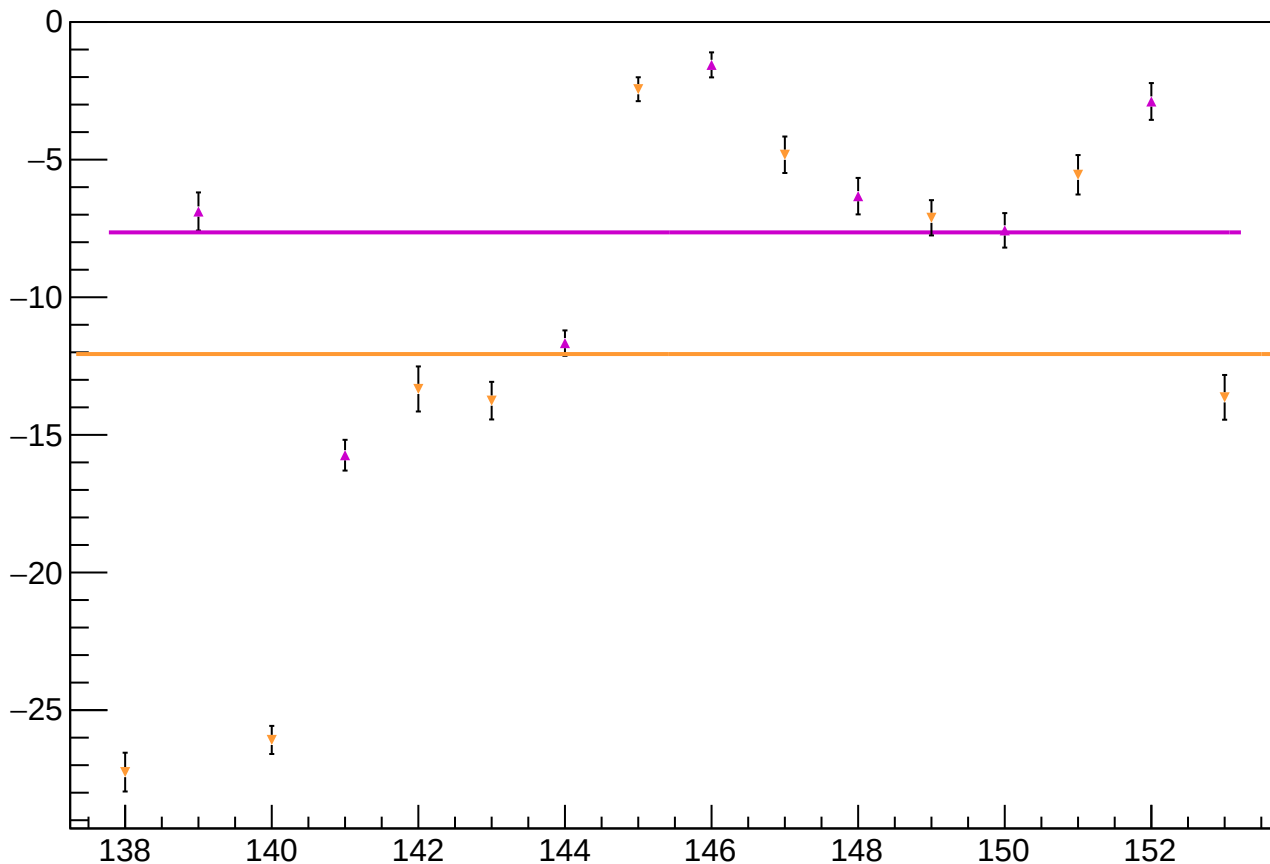
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2082.4/35$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1532.6/23$

Out: 0.007 ± 0.003 $\chi^2/\text{NDF}: 1720.2/27$

All: 0.009 ± 0.002 $\chi^2/\text{NDF}: 3254.1/51$

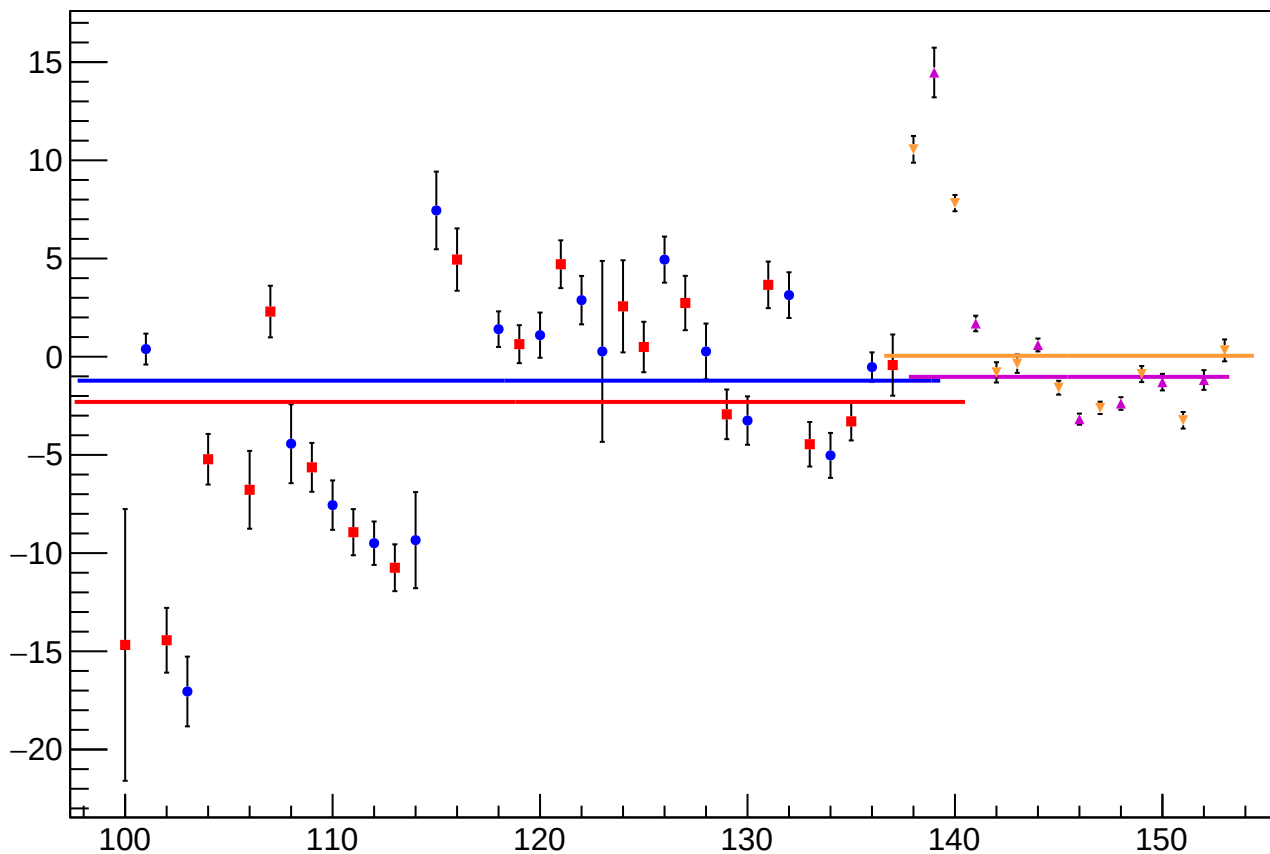
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.063+/-0.209 χ^2/NDF :1983.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.643+/-0.214 χ^2/NDF :521.3/6

Left: -9.906+/-0.149 χ^2/NDF : 2724.2/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.643+/-0.214 χ^2/NDF :521.3/6
 Out: -12.063+/-0.209 χ^2/NDF :1983.9/8
 All: -9.906+/-0.149 χ^2/NDF : 2724.2/15

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 $\chi^2/\text{NDF}: 278.6/16$

Left Out: 0.048 ± 0.143 $\chi^2/\text{NDF}: 752.2/8$

Right Out: -2.302 ± 0.302 $\chi^2/\text{NDF}: 286.2/18$

Left In: -1.027 ± 0.144 $\chi^2/\text{NDF}: 297.9/6$

Left: -0.482 ± 0.101 $\chi^2/\text{NDF}: 1078.1/15$

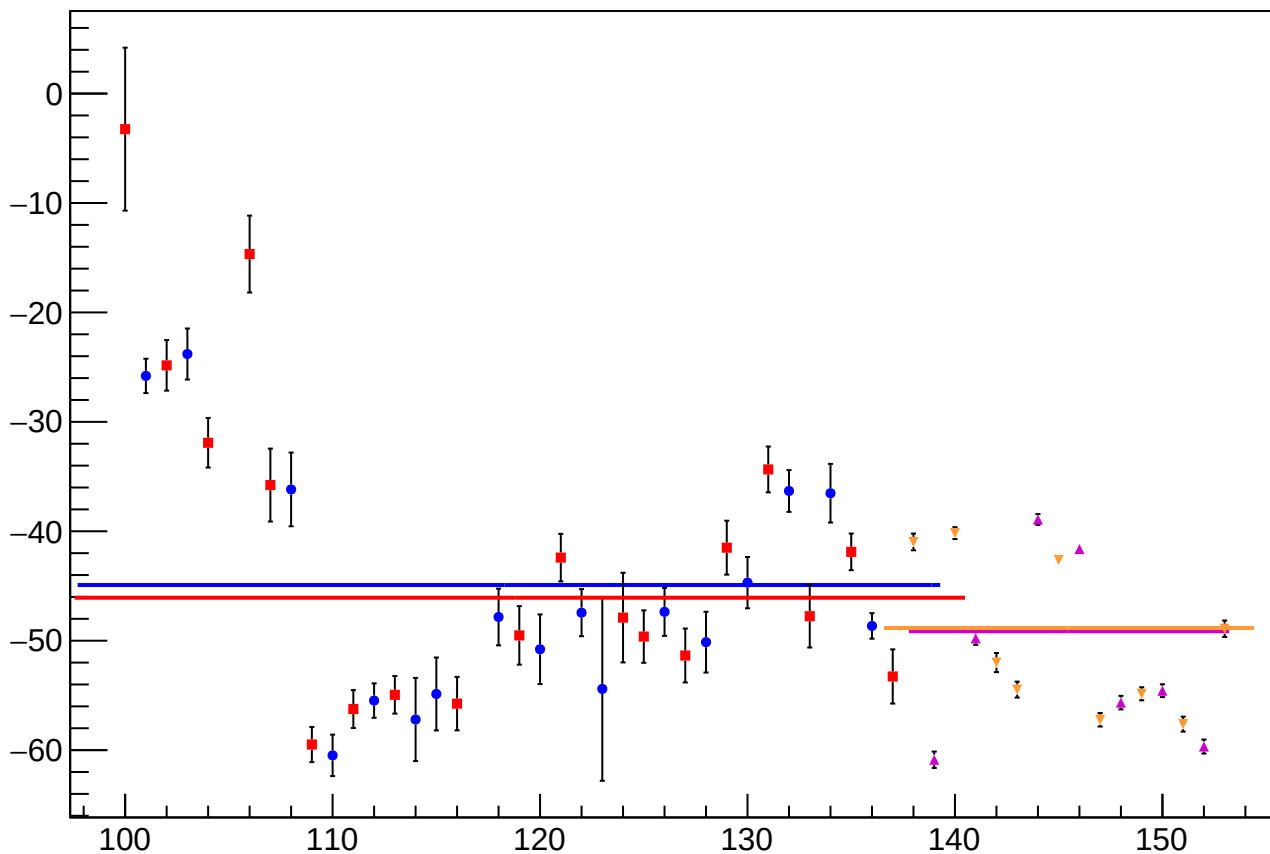
Right: -1.738 ± 0.209 $\chi^2/\text{NDF}: 571.5/35$

In: -1.065 ± 0.129 $\chi^2/\text{NDF}: 576.9/23$

Out: -0.379 ± 0.129 $\chi^2/\text{NDF}: 1087.8/27$

All: -0.721 ± 0.091 $\chi^2/\text{NDF}: 1678.8/51$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -48.840 ± 0.212 χ^2/NDF : 1064.1/8

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

Left In: -49.137 ± 0.214 χ^2/NDF : 1438.5/6

Left: -48.987 ± 0.150 χ^2/NDF : 2503.5/15

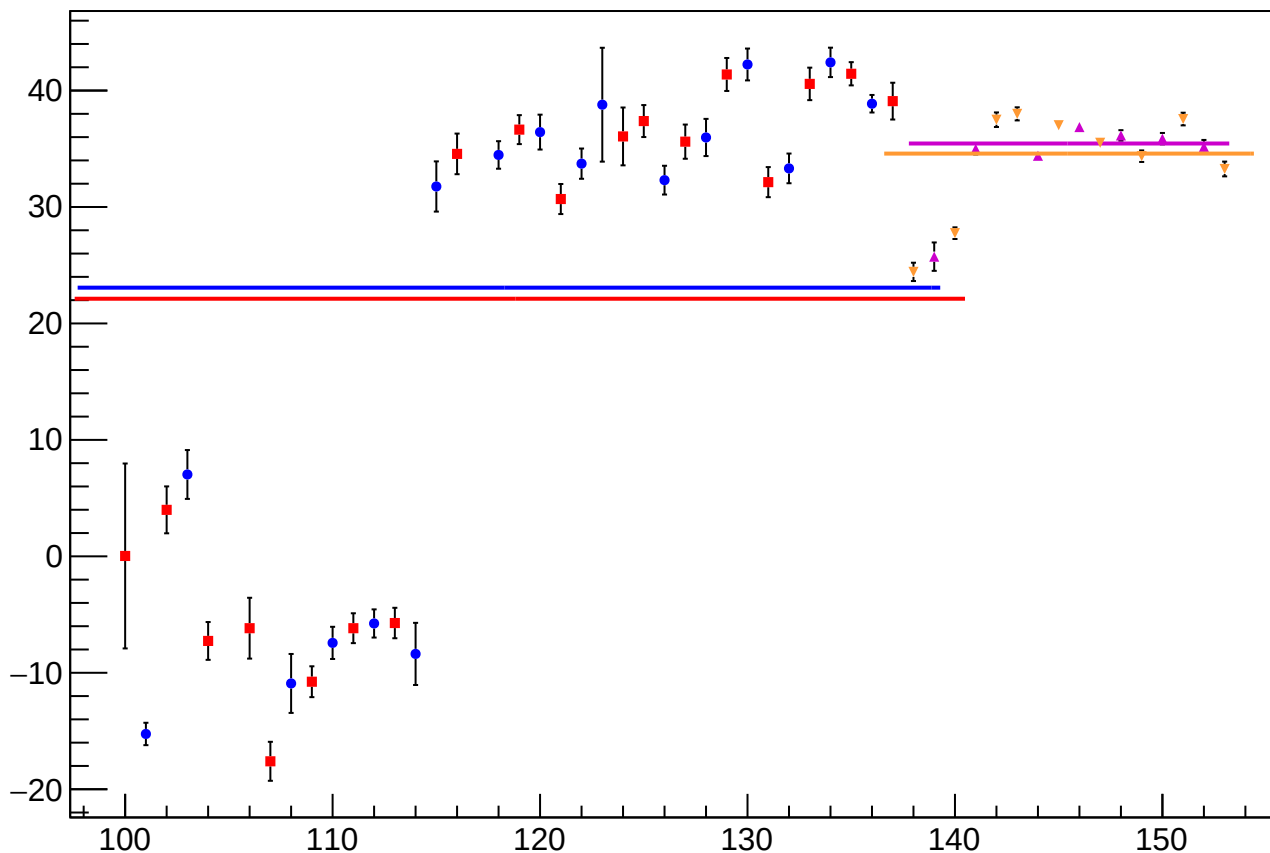
Right: -45.483 ± 0.371 χ^2/NDF : 877.6/35

In: -48.531 ± 0.198 χ^2/NDF : 1915.8/23

Out: -48.456 ± 0.197 χ^2/NDF : 1541.7/27

All: -48.493 ± 0.139 χ^2/NDF : 3457.6/51

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.586 $\pm$ 0.175 χ^2 /NDF:485.7/8

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 35.452 $\pm$ 0.178 χ^2 /NDF:90.9/6

Left: 35.011 $\pm$ 0.125 χ^2 /NDF: 588.5/15

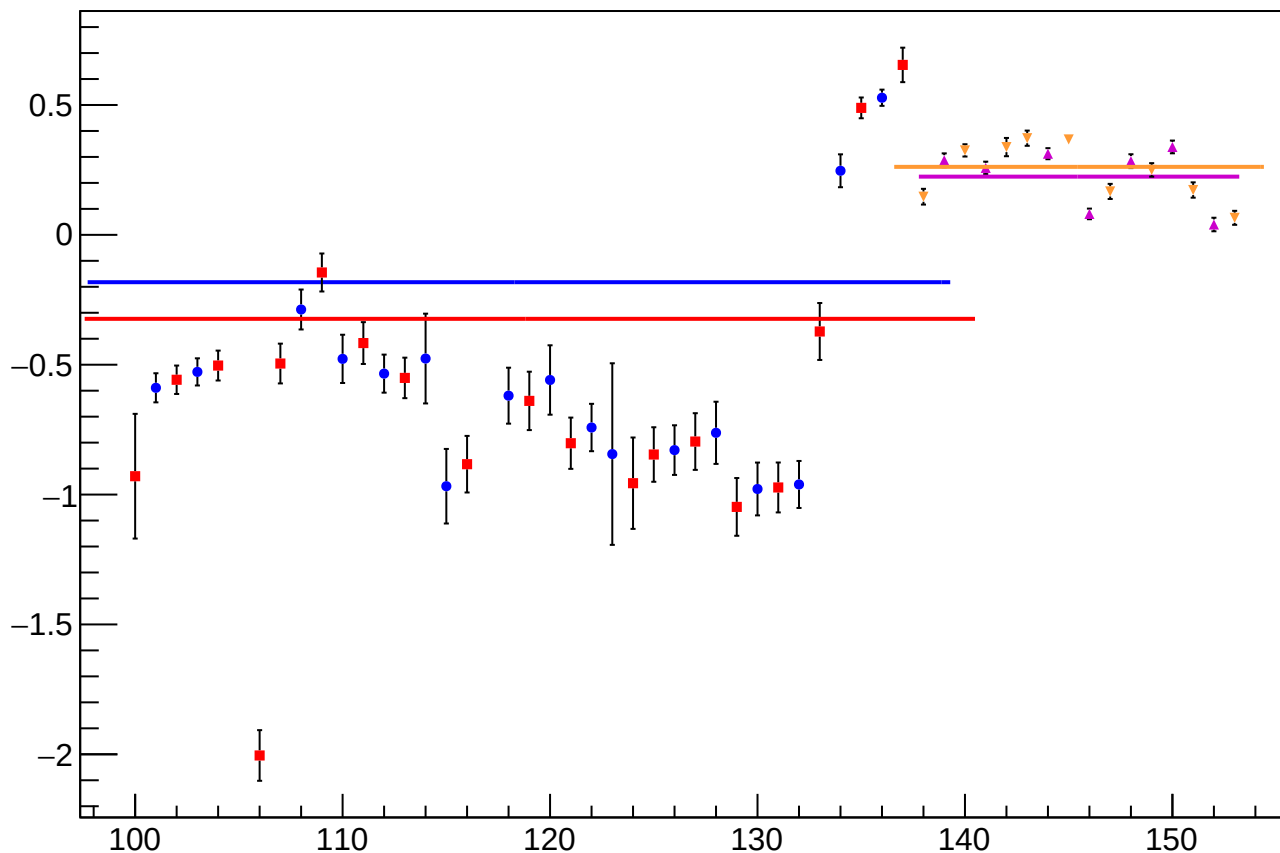
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 32.604 $\pm$ 0.156 χ^2 /NDF:5547.0/23

Out: 31.970 $\pm$ 0.156 χ^2 /NDF:5582.6/27

All: 32.286 $\pm$ 0.110 χ^2 /NDF: 11137.9/51

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.262 ± 0.009 χ^2/NDF : 147.4/8

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.224 ± 0.009 χ^2/NDF : 150.7/6

Left: 0.244 ± 0.006 χ^2/NDF : 307.1/15

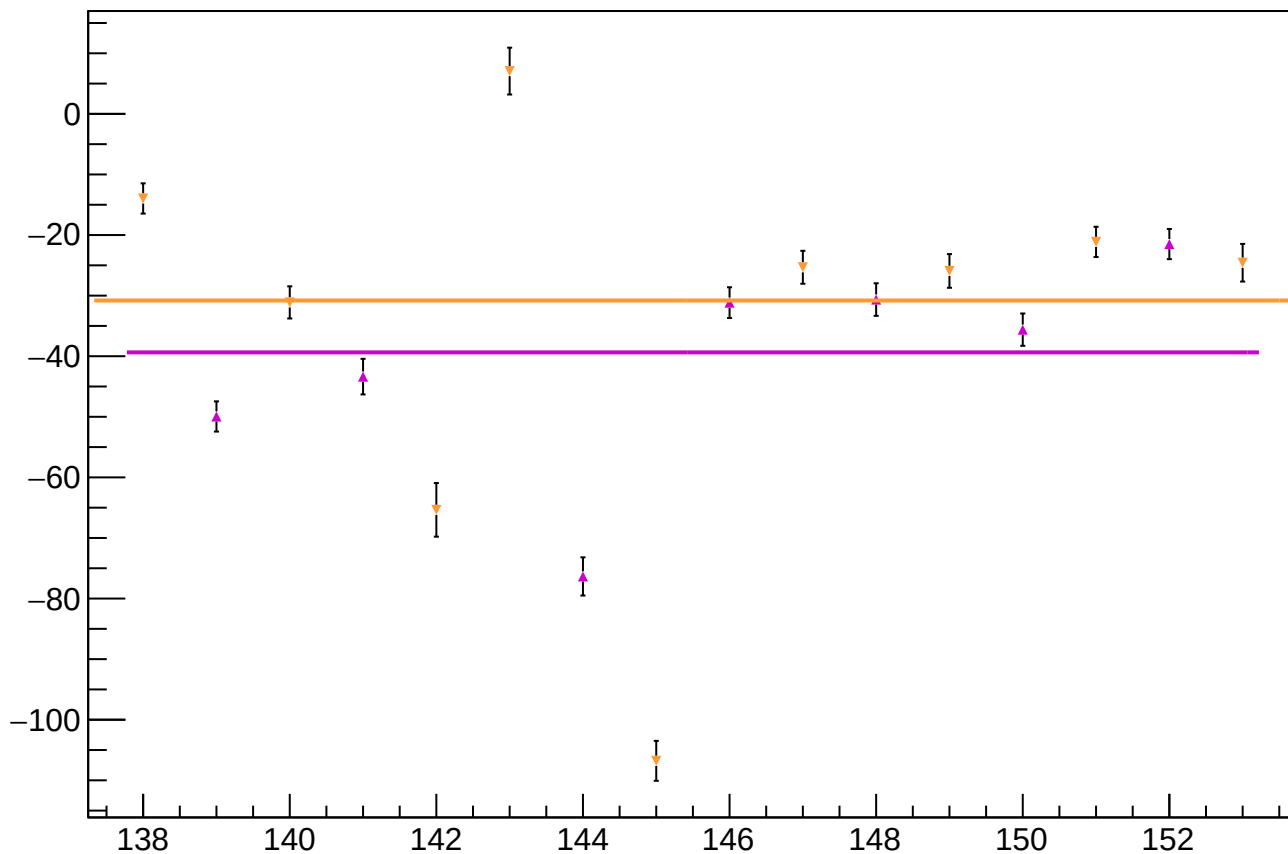
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: 0.140 ± 0.008 χ^2/NDF : 1566.3/23

Out: 0.152 ± 0.008 χ^2/NDF : 2174.7/27

All: 0.146 ± 0.006 χ^2/NDF : 3741.9/51

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.802+/-0.980 χ^2/NDF :759.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.364+/-1.014 χ^2/NDF :231.9/6

Left: -34.938+/-0.705 χ^2/NDF : 1028.6/15

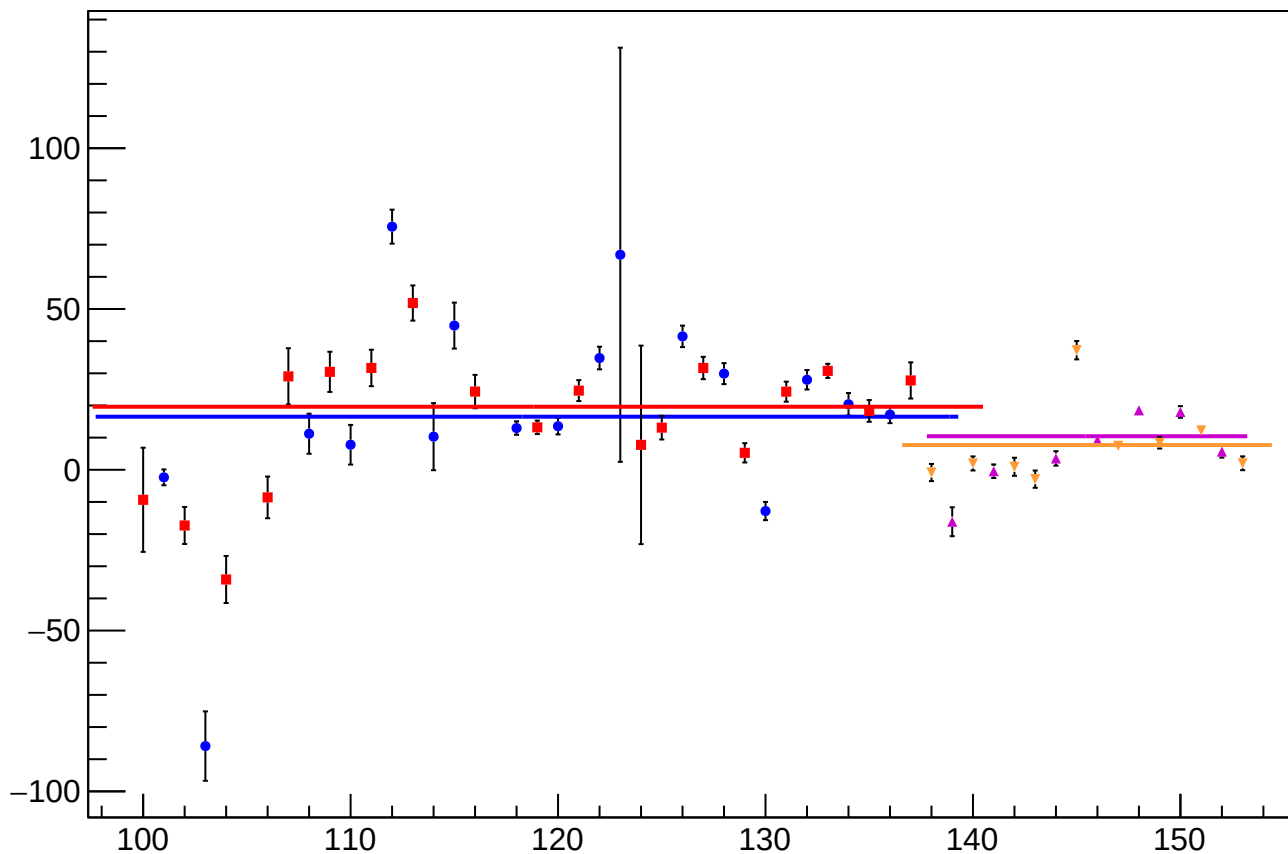
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.364+/-1.014 χ^2/NDF :231.9/6

Out: -30.802+/-0.980 χ^2/NDF :759.8/8

All: -34.938+/-0.705 χ^2/NDF : 1028.6/15

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 7.697 $\pm$ 0.650 χ^2 /NDF:162.4/8

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

Left In: 10.429 $\pm$ 0.690 χ^2 /NDF:133.6/6

Left: 8.982 $\pm$ 0.473 χ^2 /NDF: 304.3/15

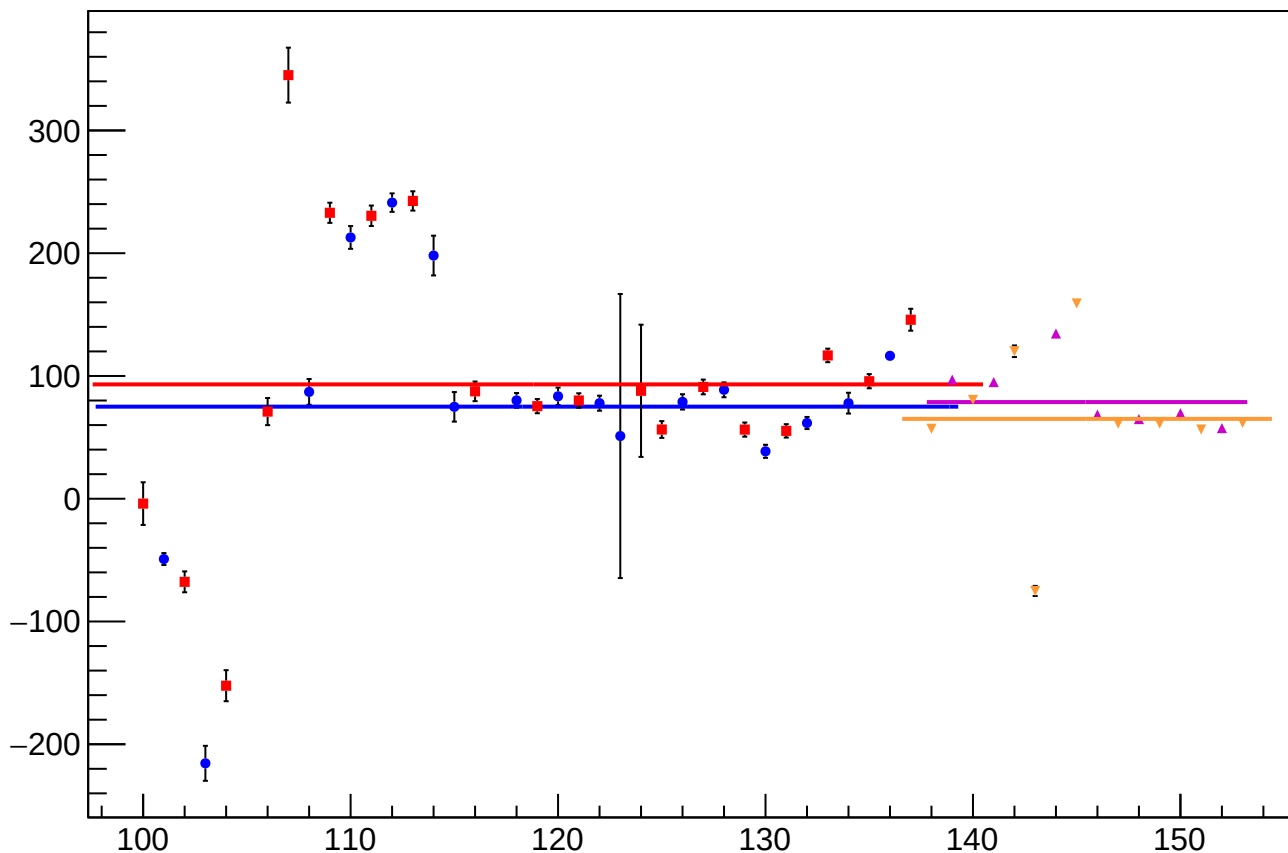
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 12.854 $\pm$ 0.535 χ^2 /NDF:684.2/23

Out: 11.790 $\pm$ 0.527 χ^2 /NDF:519.6/27

All: 12.314 $\pm$ 0.375 χ^2 /NDF: 1205.8/51

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 65.051 $\pm$ 0.977 χ^2 /NDF:2101.7/8

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

Left In: 78.746 $\pm$ 1.005 χ^2 /NDF:487.3/6

Left: 71.706 $\pm$ 0.700 χ^2 /NDF: 2684.5/15

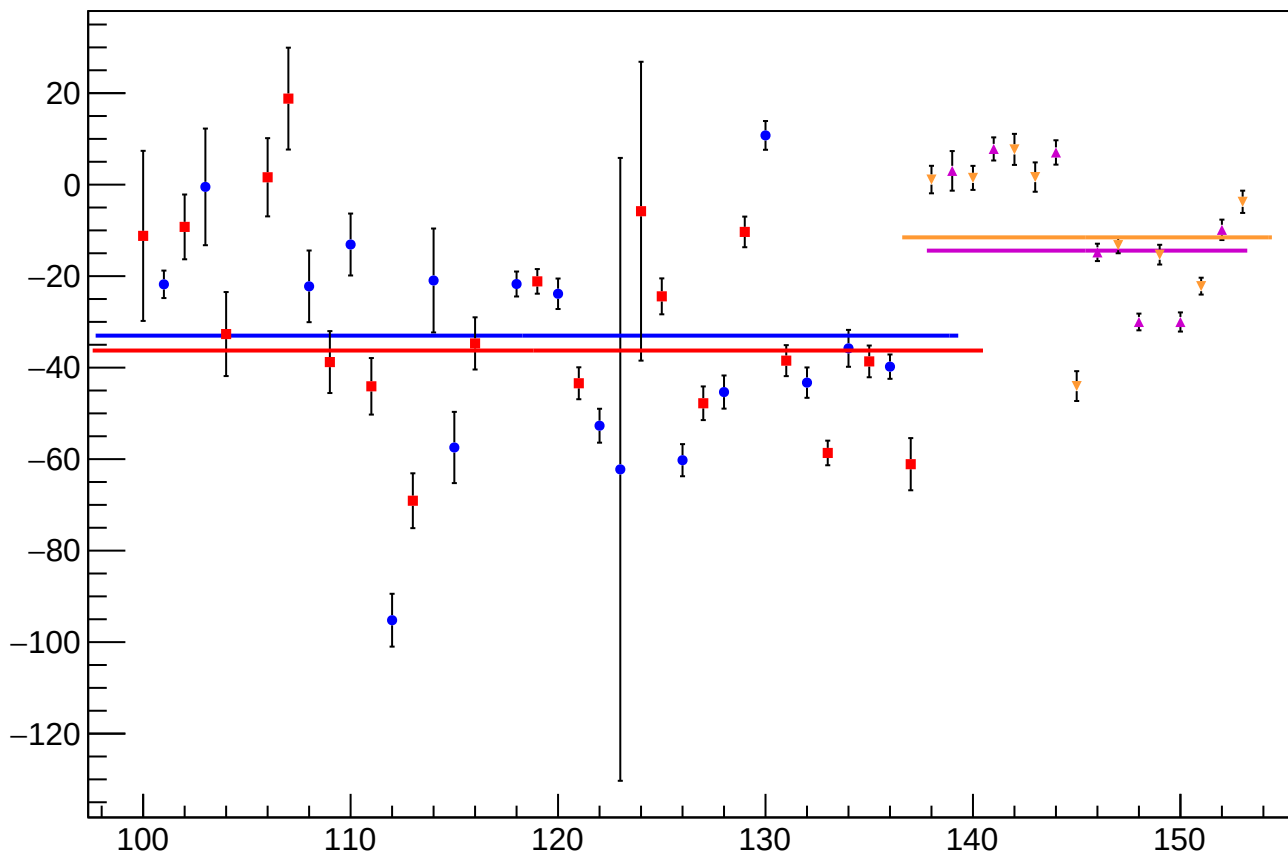
Right: 83.668 $\pm$ 1.183 χ^2 /NDF: 4060.3/35

In: 77.723 $\pm$ 0.856 χ^2 /NDF:2490.4/23

Out: 71.954 $\pm$ 0.848 χ^2 /NDF:4307.3/27

All: 74.812 $\pm$ 0.603 χ^2 /NDF: 6820.6/51

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: -11.523 ± 0.809 $\chi^2/\text{NDF}: 238.1/8$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

Left In: -14.423 ± 0.858 $\chi^2/\text{NDF}: 290.9/6$

Left: -12.887 ± 0.589 $\chi^2/\text{NDF}: 535.1/15$

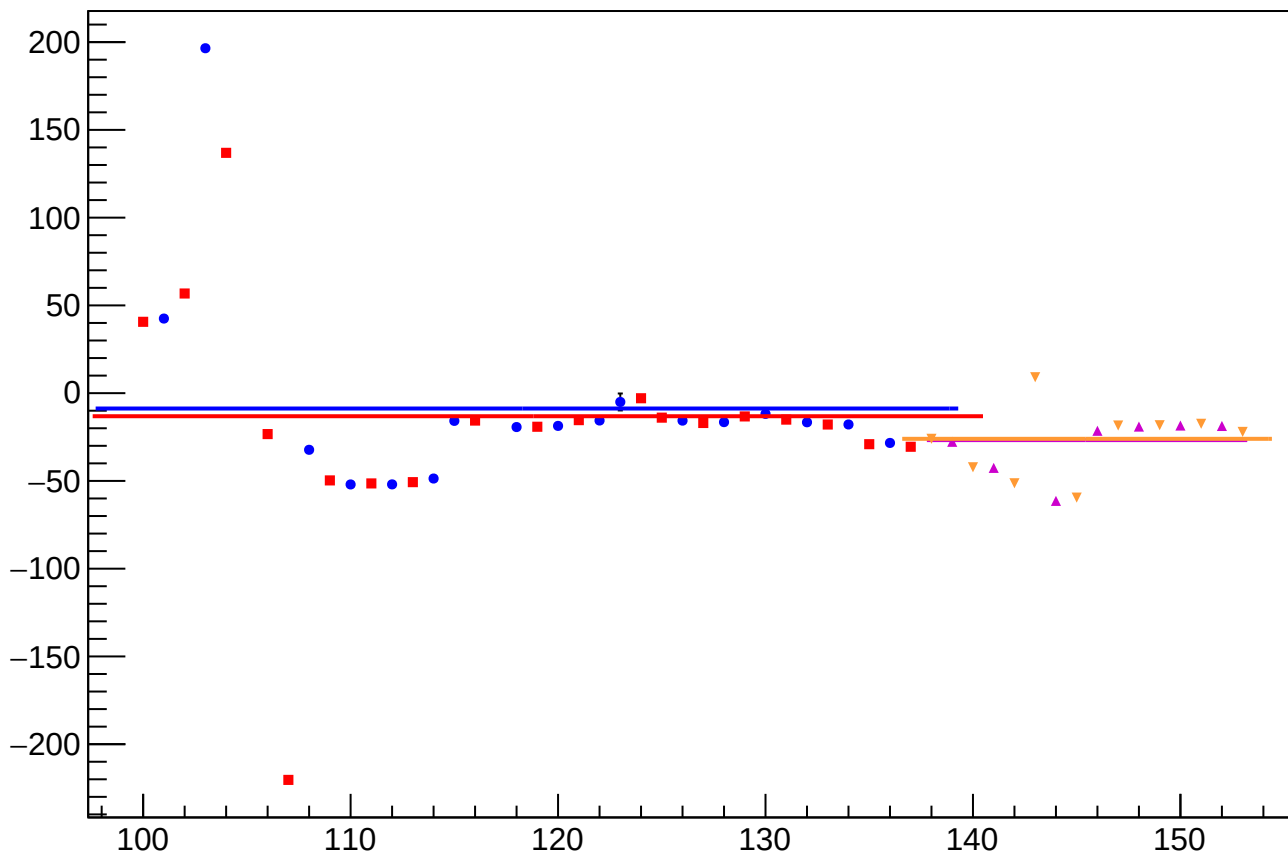
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -22.567 ± 0.643 $\chi^2/\text{NDF}: 989.4/23$

Out: -21.016 ± 0.635 $\chi^2/\text{NDF}: 893.9/27$

All: -21.782 ± 0.452 $\chi^2/\text{NDF}: 1886.3/51$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -26.016 ± 0.040 $\chi^2/\text{NDF}: 158833.4/8$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

Left In: -26.744 ± 0.041 $\chi^2/\text{NDF}: 91289.0/6$

Left: -26.371 ± 0.029 $\chi^2/\text{NDF}: 250280.5/15$

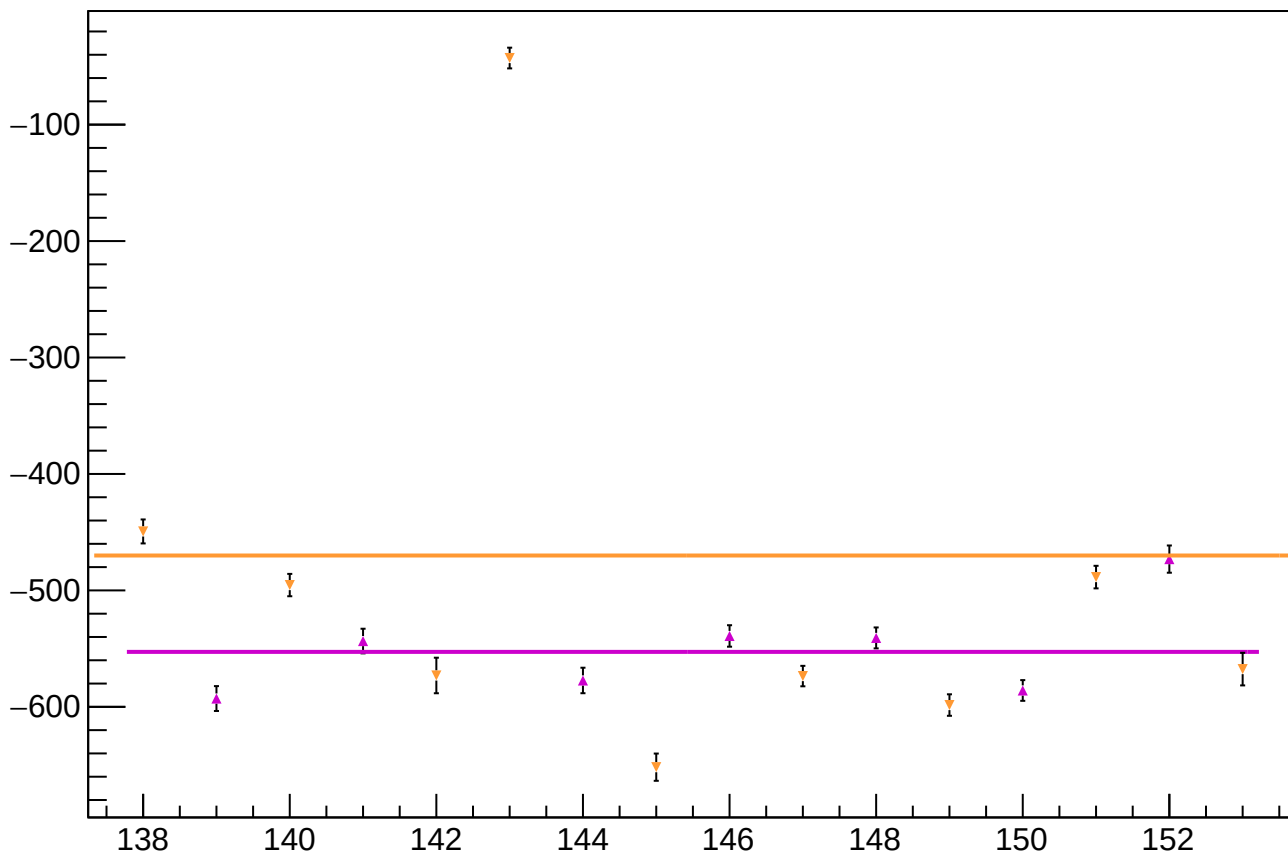
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -20.767 ± 0.034 $\chi^2/\text{NDF}: 729825.2/23$

Out: -22.153 ± 0.034 $\chi^2/\text{NDF}: 747900.5/27$

All: -21.462 ± 0.024 $\chi^2/\text{NDF}: 1478563.9/51$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -470.028+/-3.431 χ^2/NDF :2987.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.796+/-3.776 χ^2/NDF :84.2/6

Left: -507.455+/-2.539 χ^2/NDF : 3334.7/15

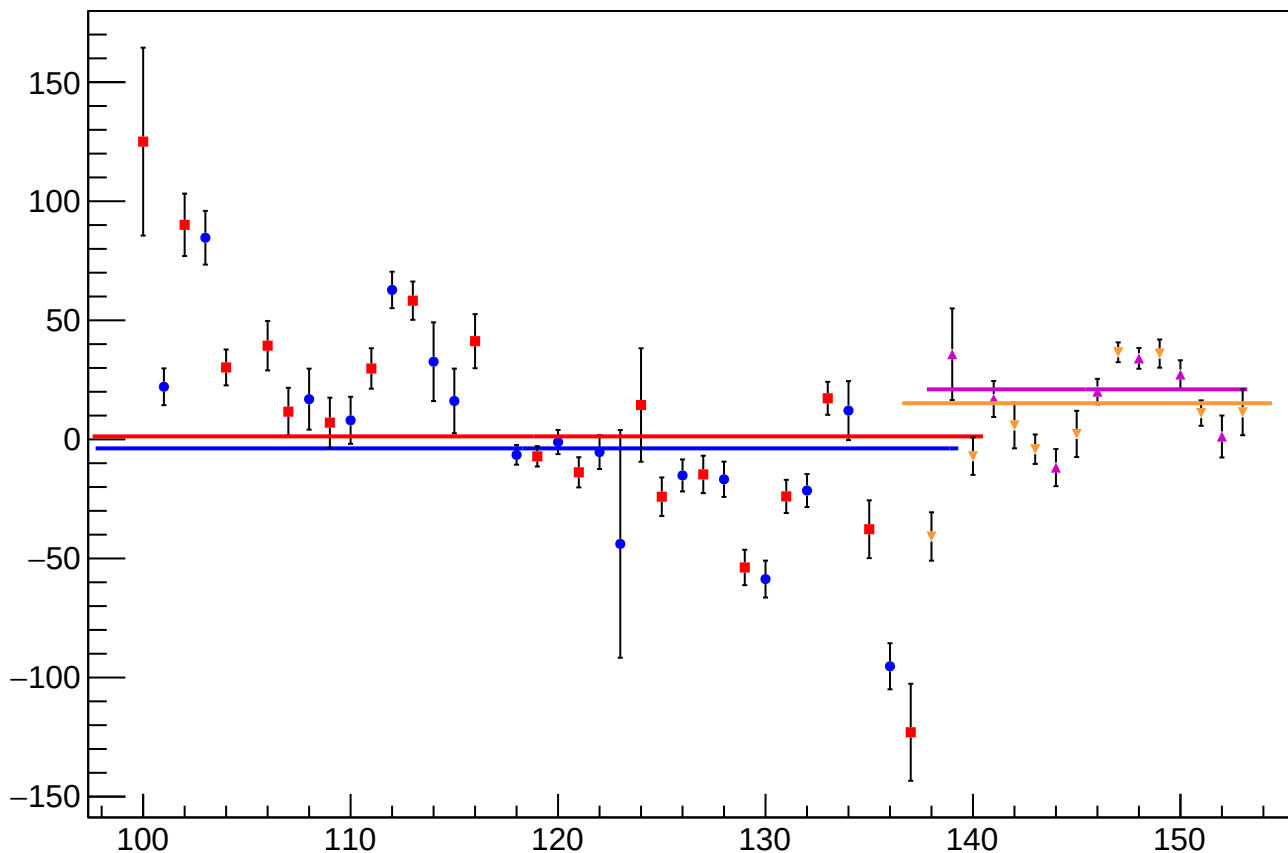
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.796+/-3.776 χ^2/NDF :84.2/6

Out: -470.028+/-3.431 χ^2/NDF :2987.3/8

All: -507.455+/-2.539 χ^2/NDF : 3334.7/15

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773±1.889 χ^2/NDF : 314.3/16

Left Out: 15.186±2.205 χ^2/NDF : 90.4/8

Right Out: 1.265±1.920 χ^2/NDF : 303.7/18

Left In: 21.009±2.462 χ^2/NDF : 33.7/6

Left: 17.779±1.642 χ^2/NDF : 127.2/15

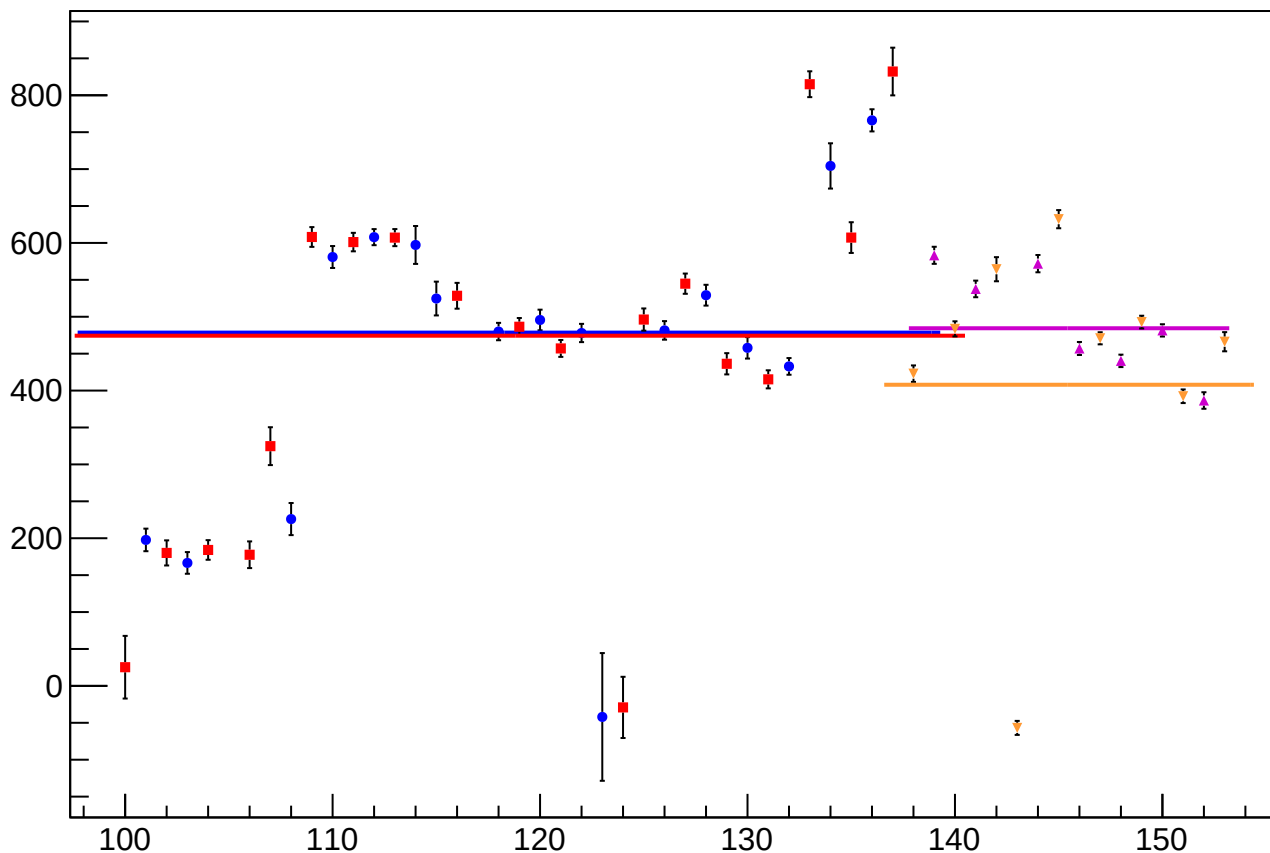
Right: -1.296±1.346 χ^2/NDF : 621.6/35

In: 5.409±1.498 χ^2/NDF : 411.9/23

Out: 7.270±1.448 χ^2/NDF : 416.8/27

All: 6.371±1.041 χ^2/NDF : 829.4/51

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 ± 3.630 $\chi^2/\text{NDF}: 1629.0/16$

Left Out: 407.891 ± 3.430 $\chi^2/\text{NDF}: 3053.2/8$

Right Out: 474.328 ± 3.533 $\chi^2/\text{NDF}: 2287.1/18$

Left In: 484.419 ± 3.725 $\chi^2/\text{NDF}: 264.9/6$

Left: 443.007 ± 2.523 $\chi^2/\text{NDF}: 3546.5/15$

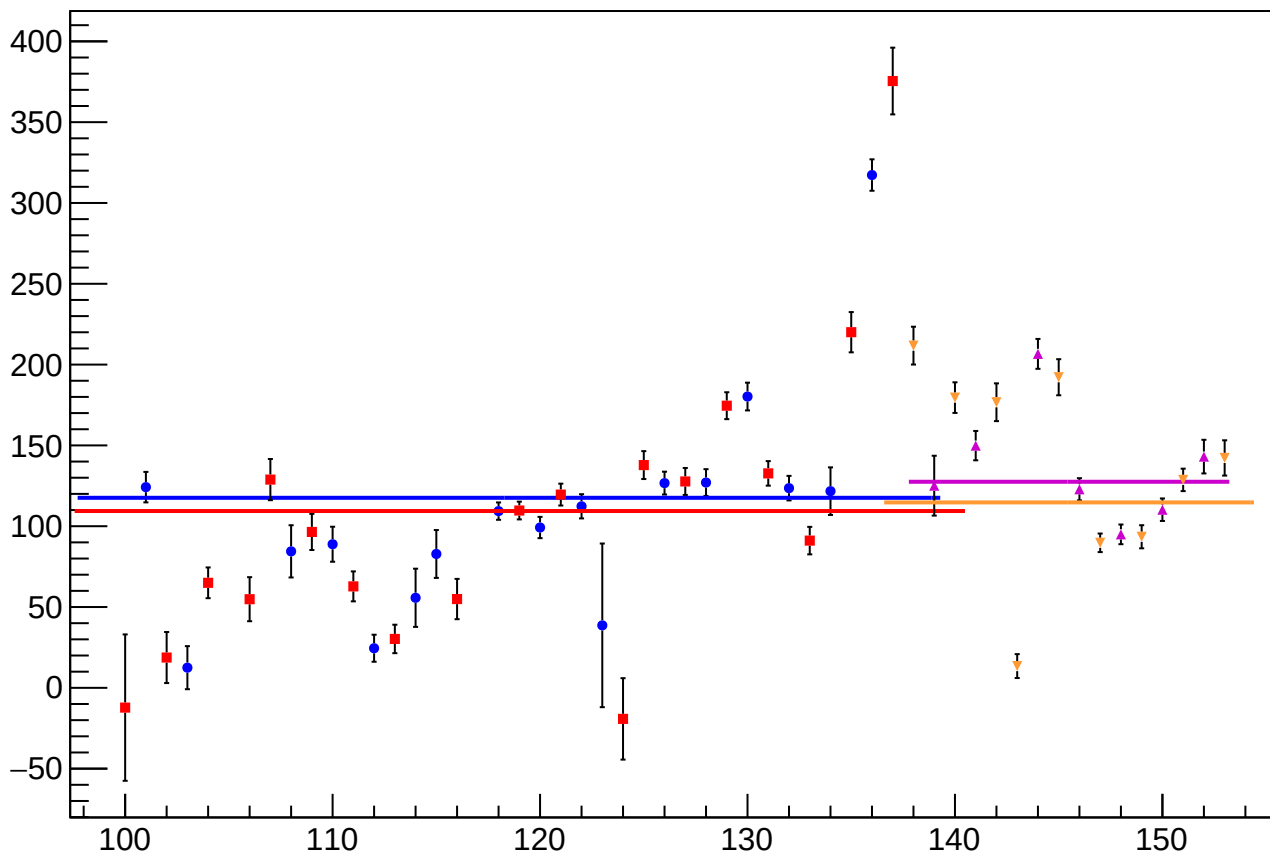
Right: 476.370 ± 2.532 $\chi^2/\text{NDF}: 3916.8/35$

In: 481.397 ± 2.600 $\chi^2/\text{NDF}: 1895.2/23$

Out: 440.132 ± 2.461 $\chi^2/\text{NDF}: 5522.4/27$

All: 459.633 ± 1.787 $\chi^2/\text{NDF}: 7550.4/51$

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 114.726 ± 2.762 $\chi^2/\text{NDF}: 417.5/8$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

Left In: 127.506 ± 3.089 $\chi^2/\text{NDF}: 116.7/6$

Left: 120.404 ± 2.059 $\chi^2/\text{NDF}: 543.7/15$

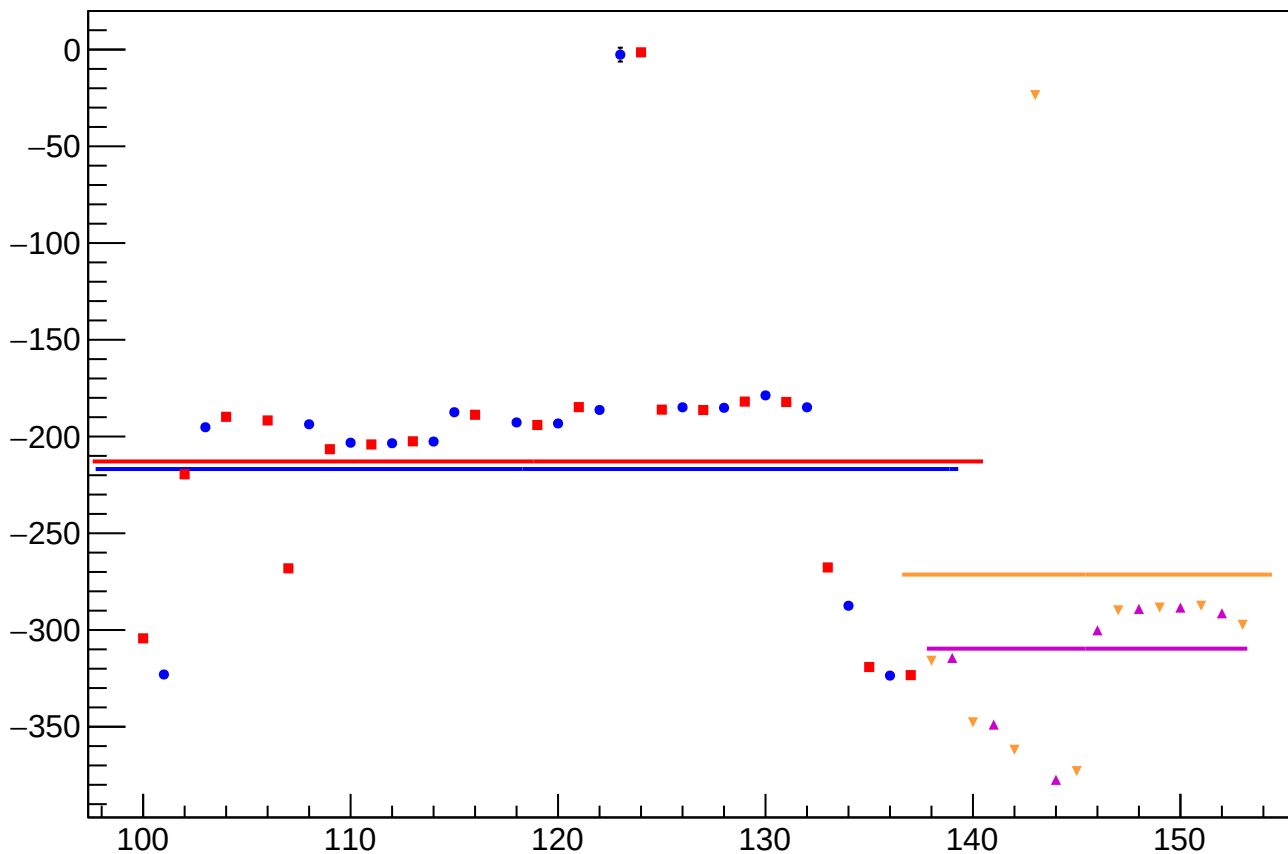
Right: 113.524 ± 1.557 $\chi^2/\text{NDF}: 1285.0/35$

In: 120.910 ± 1.788 $\chi^2/\text{NDF}: 830.4/23$

Out: 111.479 ± 1.725 $\chi^2/\text{NDF}: 991.0/27$

All: 116.026 ± 1.242 $\chi^2/\text{NDF}: 1835.8/51$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -271.349 ± 0.144 $\chi^2/\text{NDF}: 536110.7/8$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

Left In: -309.635 ± 0.156 $\chi^2/\text{NDF}: 34125.0/6$

Left: -289.016 ± 0.106 $\chi^2/\text{NDF}: 602863.0/15$

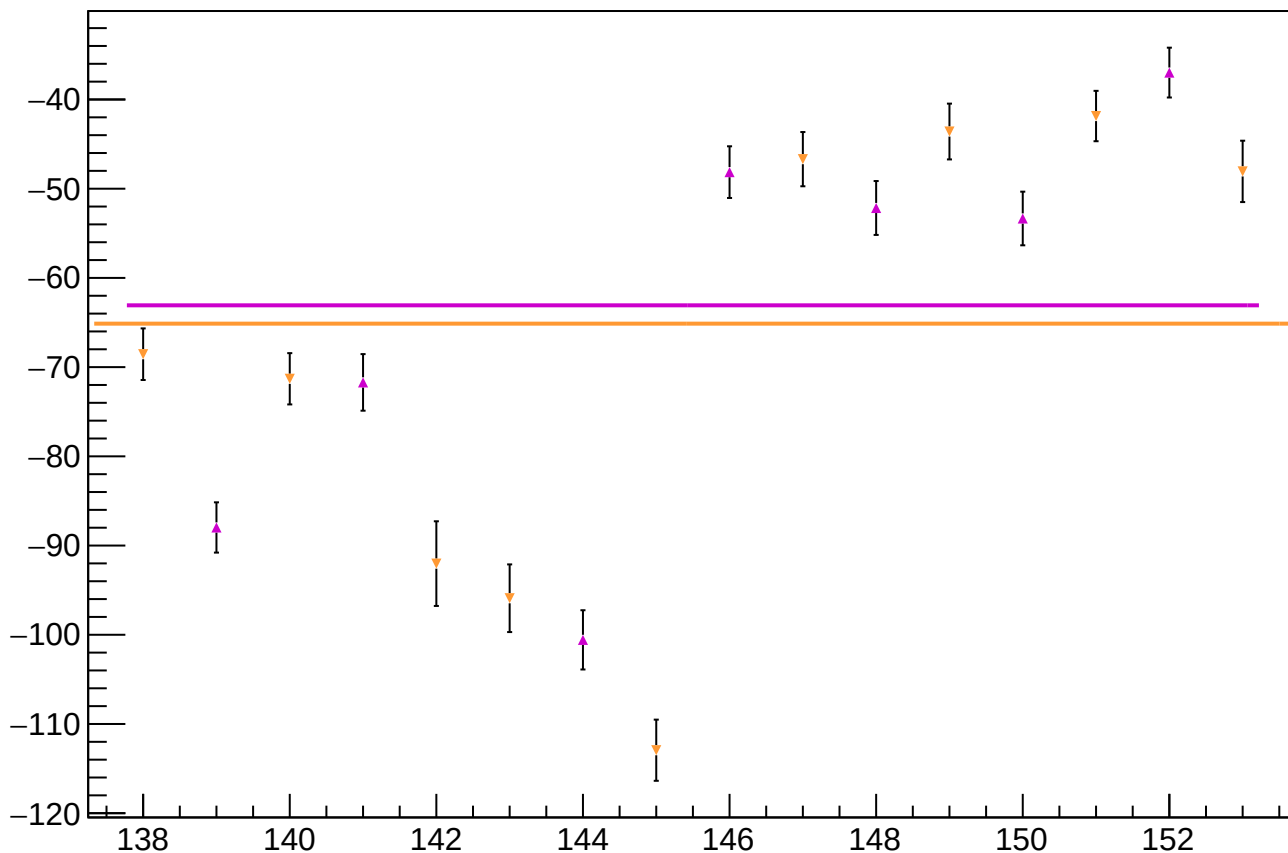
Right: -214.751 ± 0.094 $\chi^2/\text{NDF}: 263806.1/35$

In: -256.902 ± 0.102 $\chi^2/\text{NDF}: 383446.9/23$

Out: -239.167 ± 0.097 $\chi^2/\text{NDF}: 743292.1/27$

All: -247.528 ± 0.070 $\chi^2/\text{NDF}: 1142646.5/51$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -65.127+/-1.078 χ^2 /NDF:475.3/8

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -63.072+/-1.130 χ^2 /NDF:350.4/6

Left: -64.147+/-0.780 χ^2 /NDF: 827.5/15

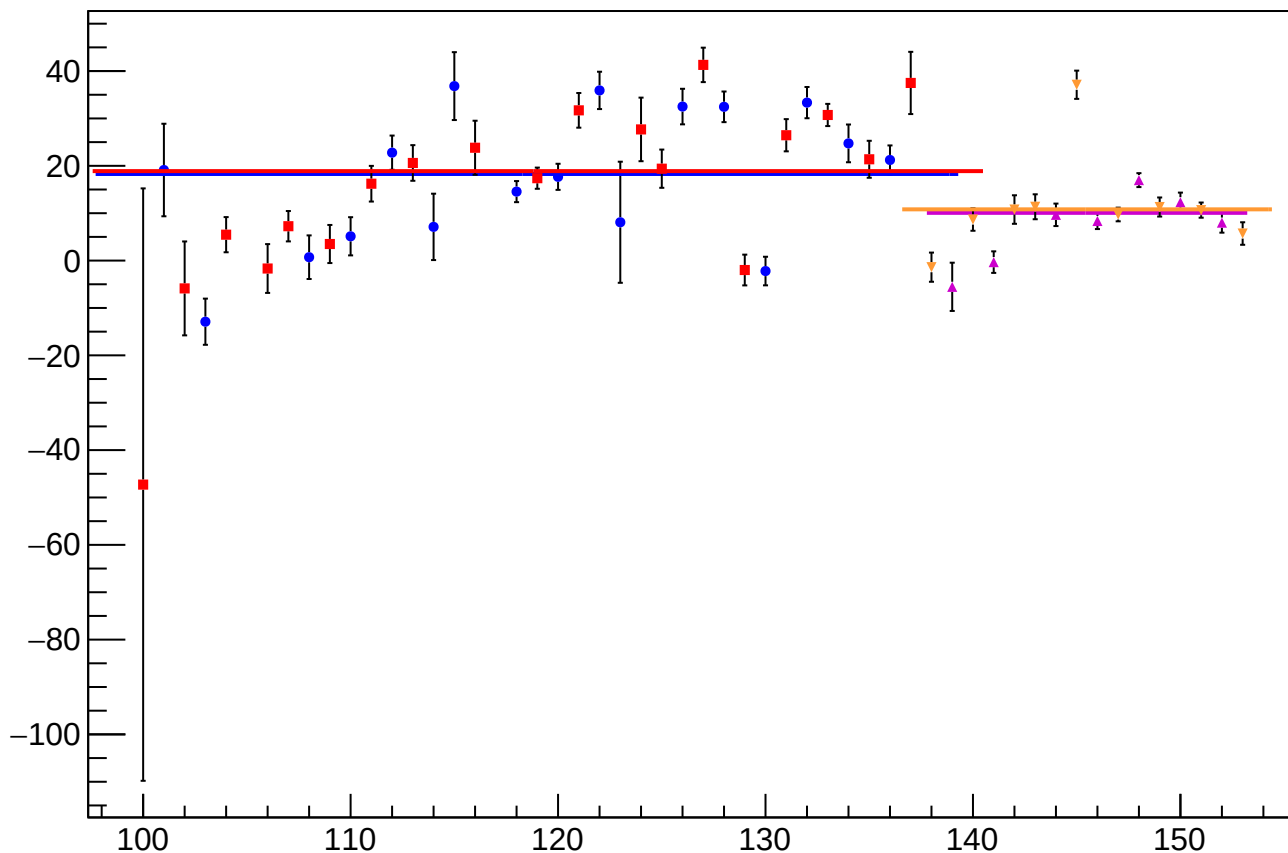
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -63.072+/-1.130 χ^2 /NDF:350.4/6

Out: -65.127+/-1.078 χ^2 /NDF:475.3/8

All: -64.147+/-0.780 χ^2 /NDF: 827.5/15

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 10.814 ± 0.717 χ^2/NDF : 99.6/8

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

Left In: 10.077 ± 0.771 χ^2/NDF : 55.6/6

Left: 10.472 ± 0.525 χ^2/NDF : 155.7/15

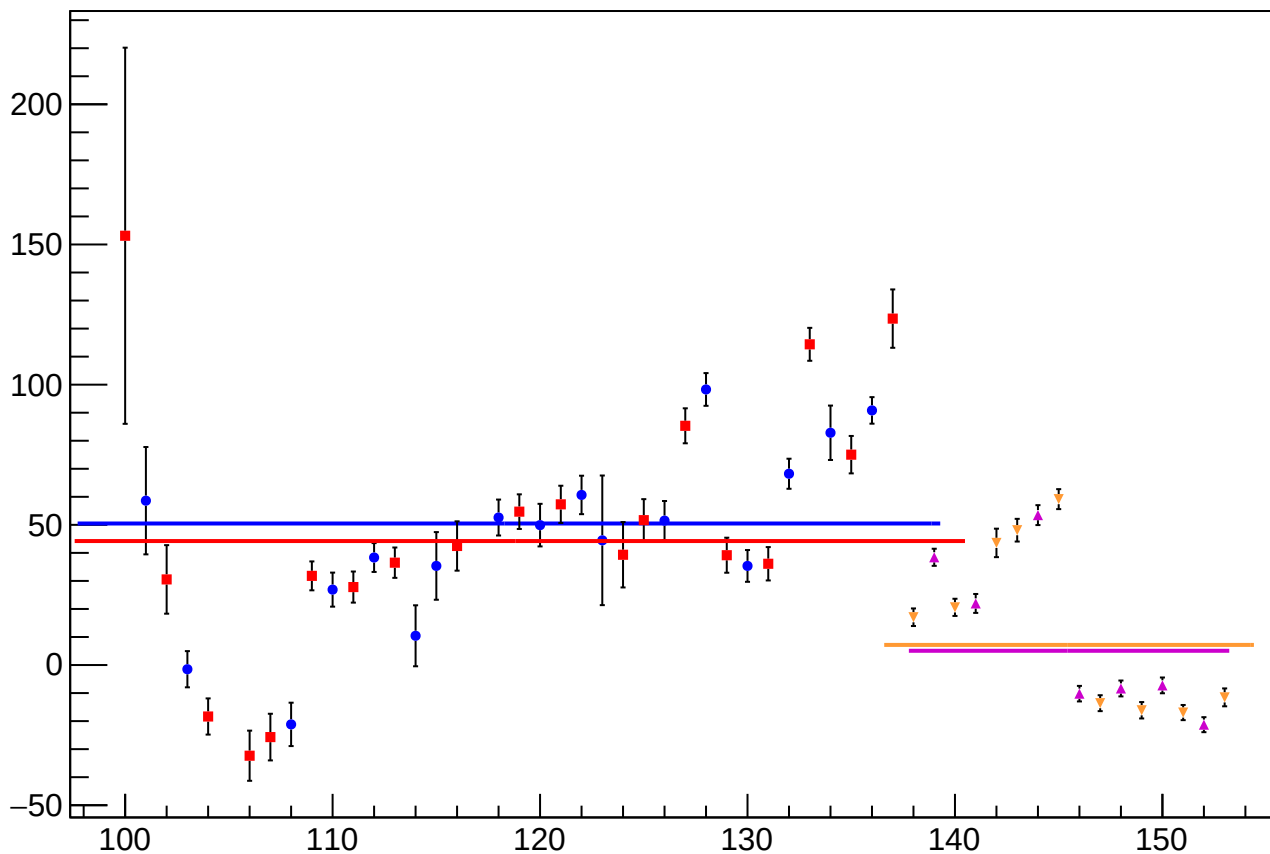
Right: 18.595 ± 0.625 χ^2/NDF : 403.2/35

In: 13.526 ± 0.587 χ^2/NDF : 307.7/23

Out: 14.104 ± 0.552 χ^2/NDF : 349.6/27

All: 13.833 ± 0.402 χ^2/NDF : 657.9/51

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: 7.177 ± 1.076 $\chi^2/\text{NDF}: 626.9/8$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

Left In: 5.084 ± 1.121 $\chi^2/\text{NDF}: 499.6/6$

Left: 6.173 ± 0.776 $\chi^2/\text{NDF}: 1128.3/15$

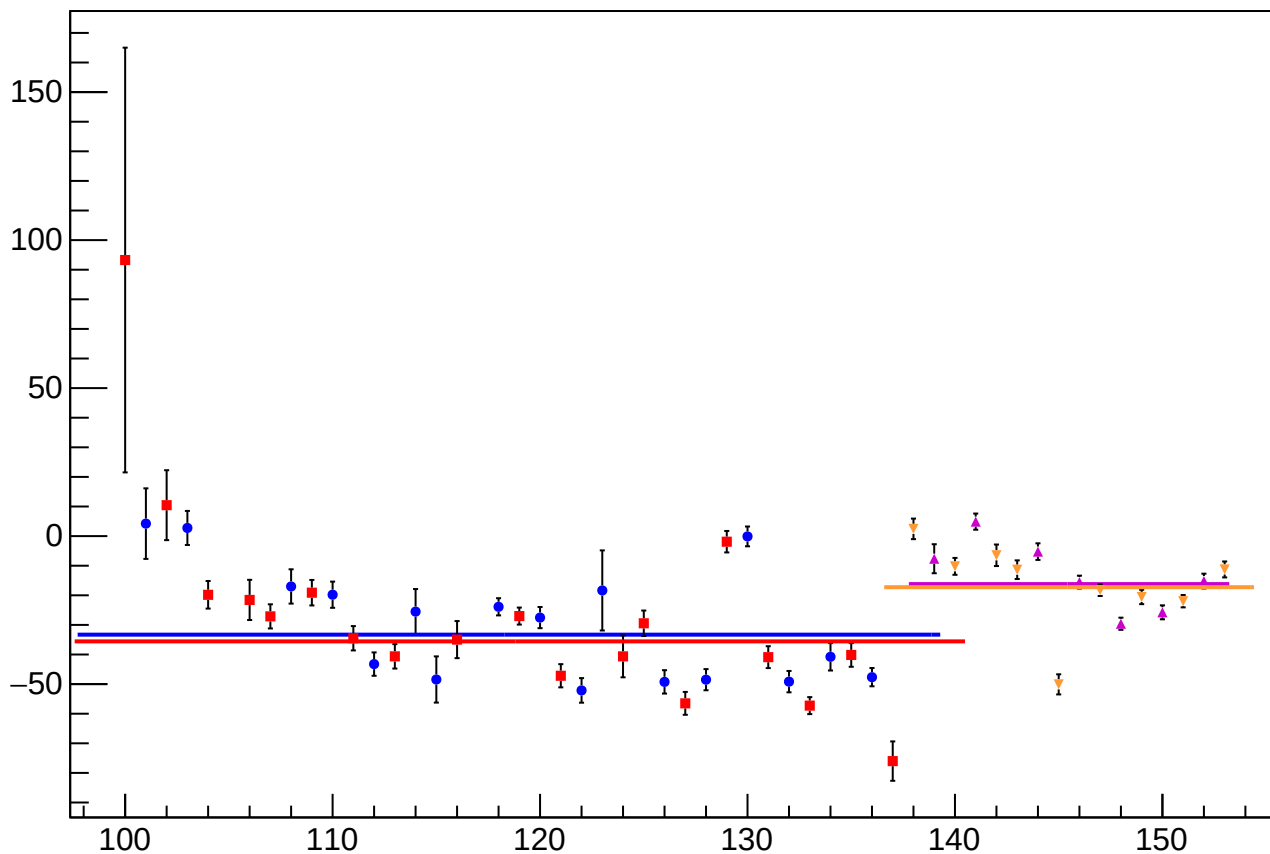
Right: 47.226 ± 1.156 $\chi^2/\text{NDF}: 899.6/35$

In: 19.210 ± 0.930 $\chi^2/\text{NDF}: 1367.8/23$

Out: 18.696 ± 0.894 $\chi^2/\text{NDF}: 1529.5/27$

All: 18.943 ± 0.644 $\chi^2/\text{NDF}: 2897.5/51$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 $\chi^2/\text{NDF}: 289.1/16$

Left Out: -17.260 ± 0.891 $\chi^2/\text{NDF}: 156.2/8$

Right Out: -35.566 ± 0.992 $\chi^2/\text{NDF}: 287.6/18$

Left In: -16.209 ± 0.958 $\chi^2/\text{NDF}: 137.3/6$

Left: -16.773 ± 0.652 $\chi^2/\text{NDF}: 294.2/15$

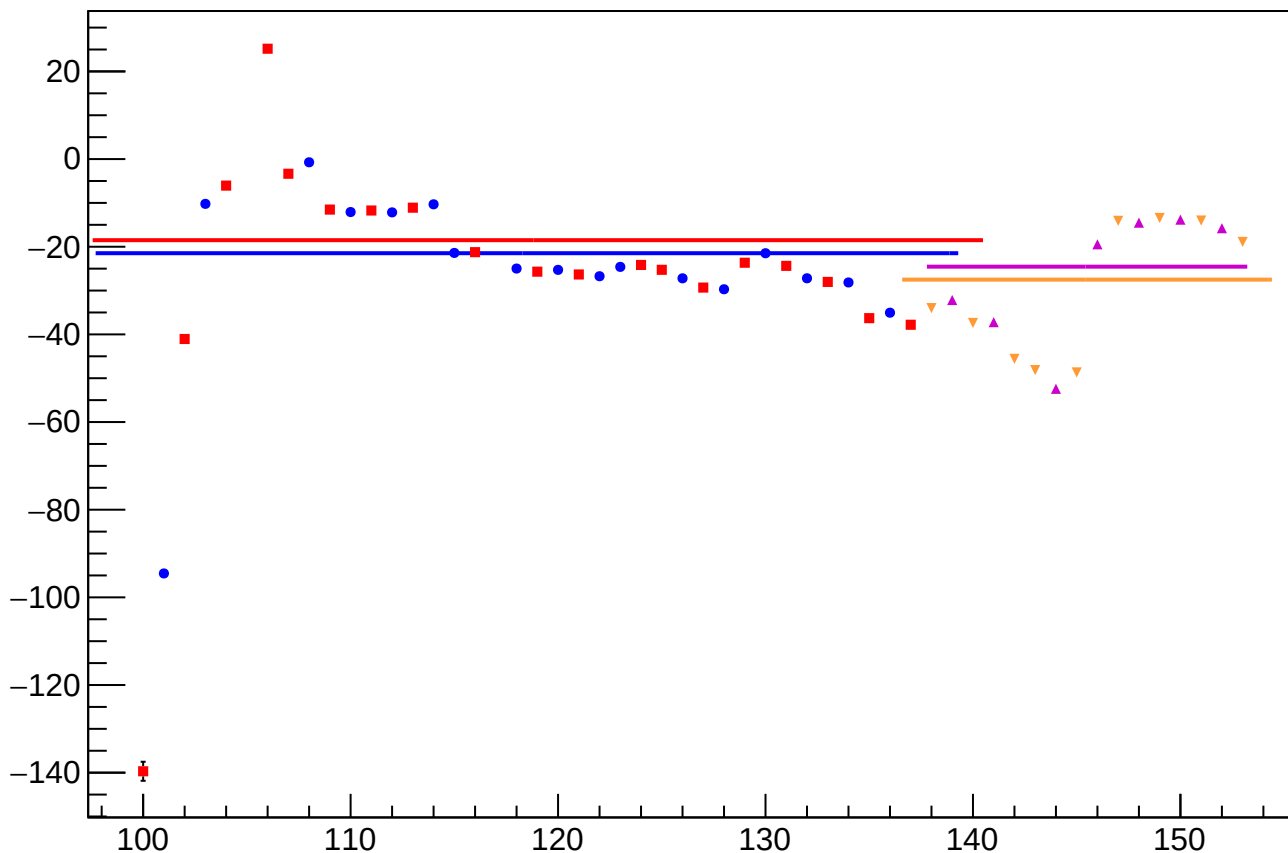
Right: -34.474 ± 0.716 $\chi^2/\text{NDF}: 579.3/35$

In: -24.106 ± 0.702 $\chi^2/\text{NDF}: 573.5/23$

Out: -25.432 ± 0.663 $\chi^2/\text{NDF}: 632.2/27$

All: -24.807 ± 0.482 $\chi^2/\text{NDF}: 1207.6/51$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 $\pm$ 0.059 χ^2 /NDF: 49009.8/16

Left Out: -27.506 $\pm$ 0.045 χ^2 /NDF: 96597.1/8

Right Out: -18.506 $\pm$ 0.057 χ^2 /NDF: 80734.5/18

Left In: -24.546 $\pm$ 0.046 χ^2 /NDF: 69066.5/6

Left: -26.085 $\pm$ 0.032 χ^2 /NDF: 167788.6/15

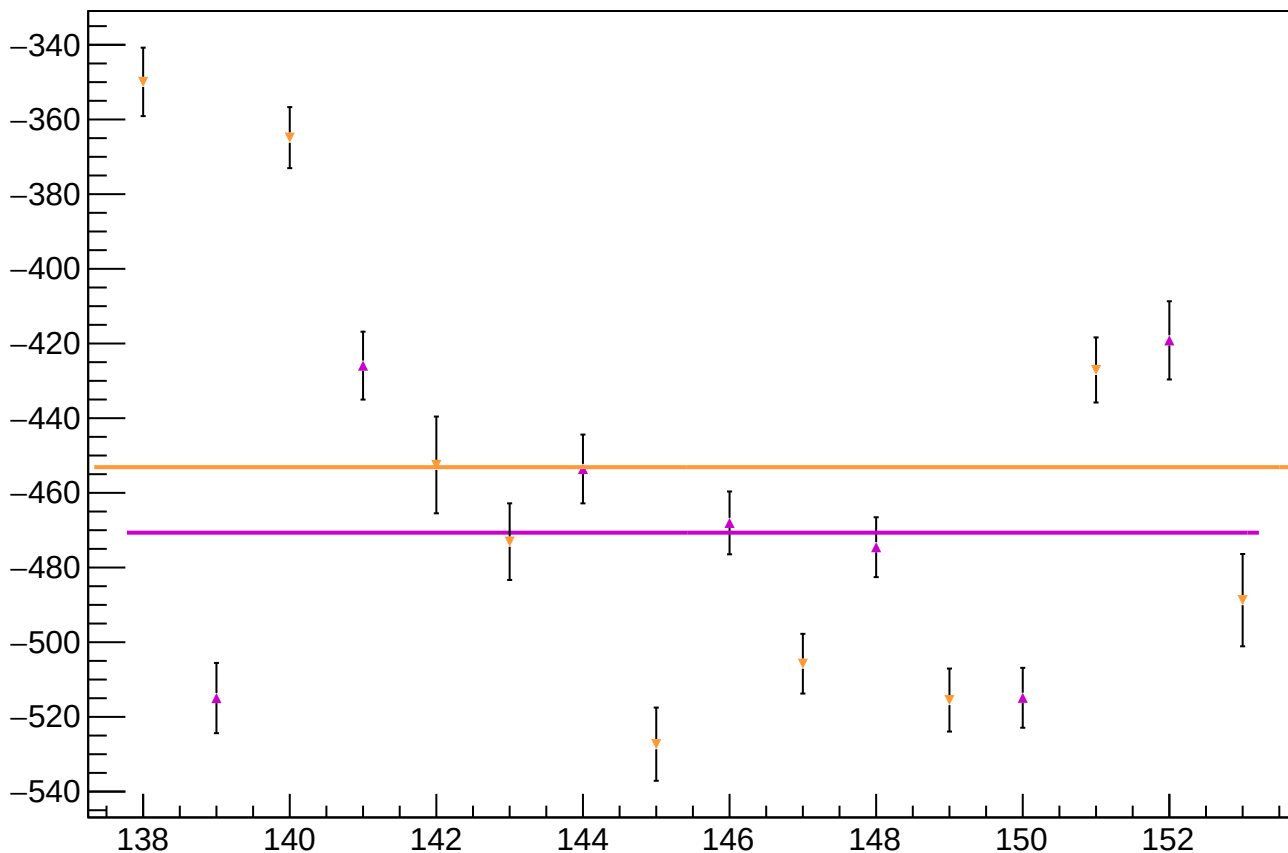
Right: -19.957 $\pm$ 0.041 χ^2 /NDF: 131054.3/35

In: -23.369 $\pm$ 0.036 χ^2 /NDF: 119763.6/23

Out: -24.124 $\pm$ 0.035 χ^2 /NDF: 192704.6/27

All: -23.759 $\pm$ 0.025 χ^2 /NDF: 312691.1/51

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.113+/-3.129 χ^2/NDF :419.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -470.662+/-3.342 χ^2/NDF :104.7/6

Left: -461.310+/-2.284 χ^2/NDF : 539.0/15

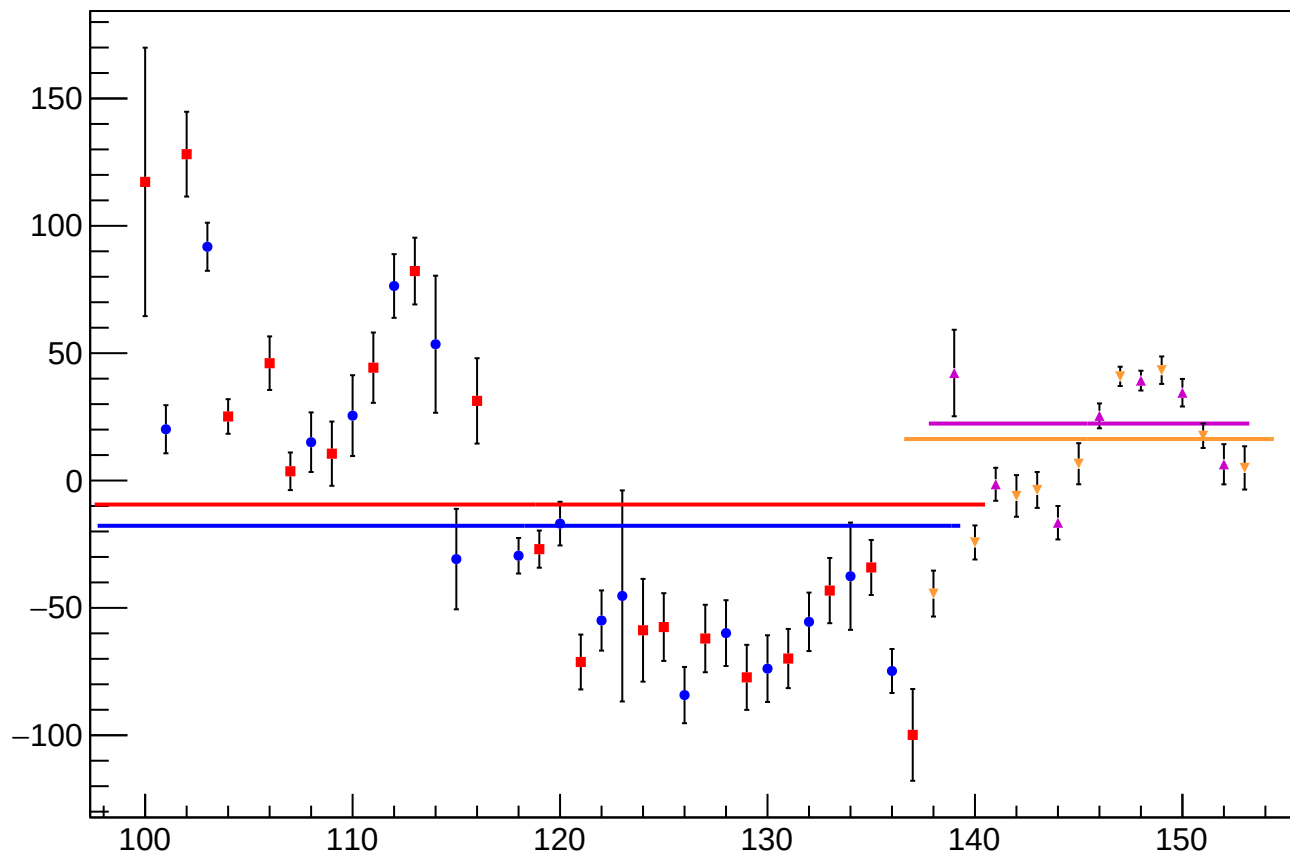
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -470.662+/-3.342 χ^2/NDF :104.7/6

Out: -453.113+/-3.129 χ^2/NDF :419.6/8

All: -461.310+/-2.284 χ^2/NDF : 539.0/15

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 $\pm$ 2.781 χ^2/NDF : 363.9/16

Left Out: 16.299 $\pm$ 2.015 χ^2/NDF :168.3/8

Right Out: -9.417 $\pm$ 2.613 χ^2/NDF : 369.6/18

Left In: 22.373 $\pm$ 2.187 χ^2/NDF :78.4/6

Left: 19.088 $\pm$ 1.482 χ^2/NDF : 250.8/15

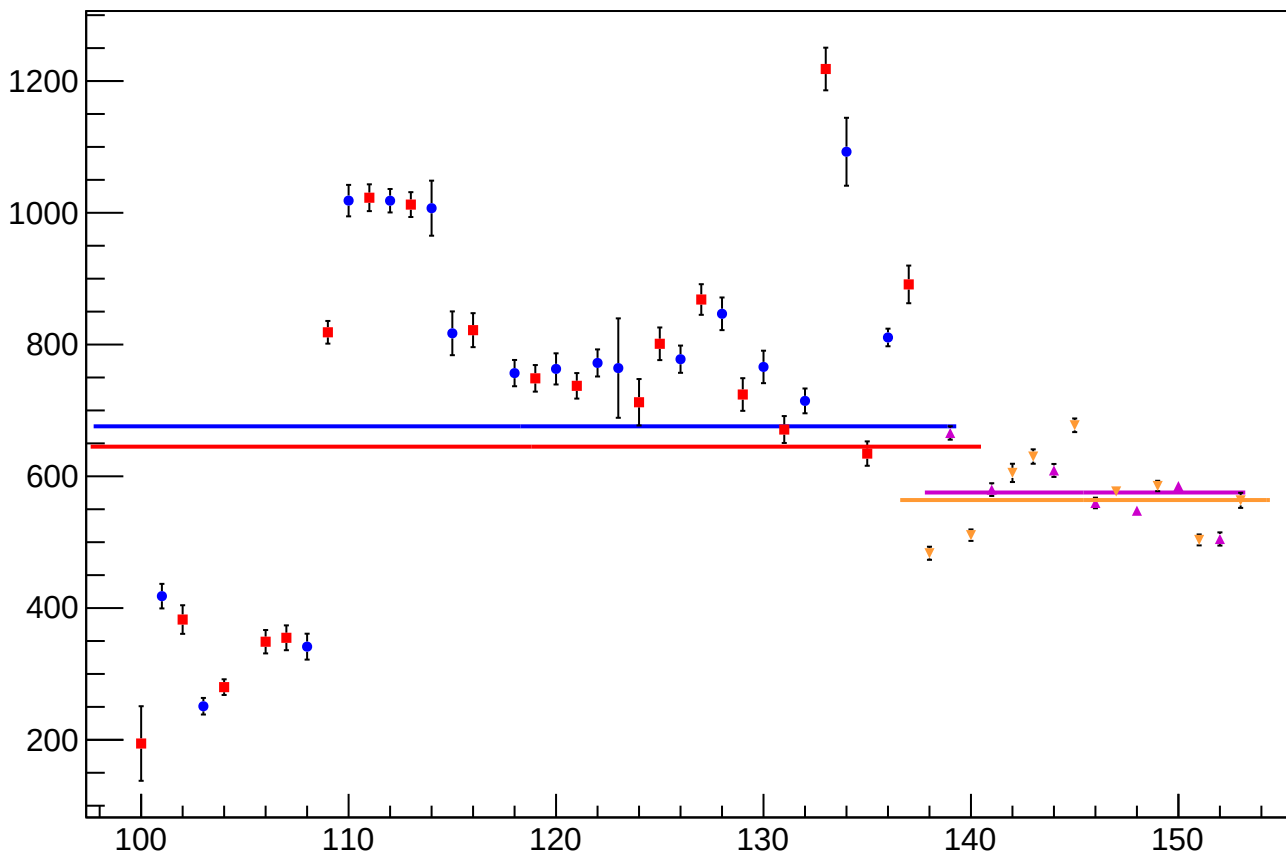
Right: -13.331 $\pm$ 1.905 χ^2/NDF : 738.2/35

In: 7.037 $\pm$ 1.719 χ^2/NDF :570.9/23

Out: 6.708 $\pm$ 1.596 χ^2/NDF :598.6/27

All: 6.860 $\pm$ 1.170 χ^2/NDF : 1169.5/51

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 $\pm$ 5.037 χ^2/NDF : 2586.4/16

Left Out: 563.976 $\pm$ 3.126 χ^2/NDF :332.6/8

Right Out: 645.014 $\pm$ 4.761 χ^2/NDF : 3123.3/18

Left In: 575.425 $\pm$ 3.305 χ^2/NDF :159.1/6

Left: 569.381 $\pm$ 2.271 χ^2/NDF : 498.1/15

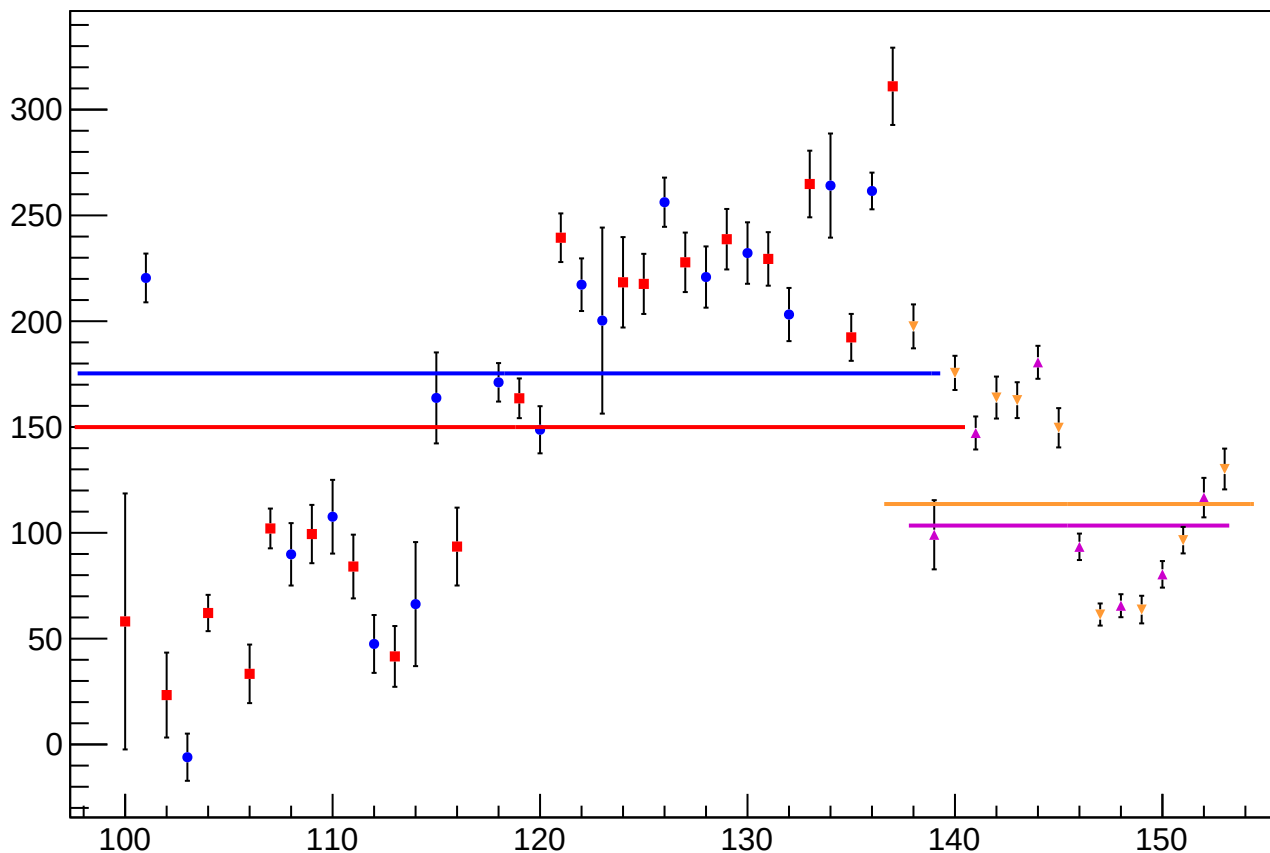
Right: 659.573 $\pm$ 3.460 χ^2/NDF : 5729.5/35

In: 605.659 $\pm$ 2.763 χ^2/NDF :3023.5/23

Out: 588.388 $\pm$ 2.613 χ^2/NDF :3658.4/27

All: 596.540 $\pm$ 1.899 χ^2/NDF : 6702.5/51

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 113.613 $\pm$ 2.526 χ^2 /NDF:367.3/8

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

Left In: 103.433 $\pm$ 2.742 χ^2 /NDF:196.3/6

Left: 108.938 $\pm$ 1.858 χ^2 /NDF: 571.0/15

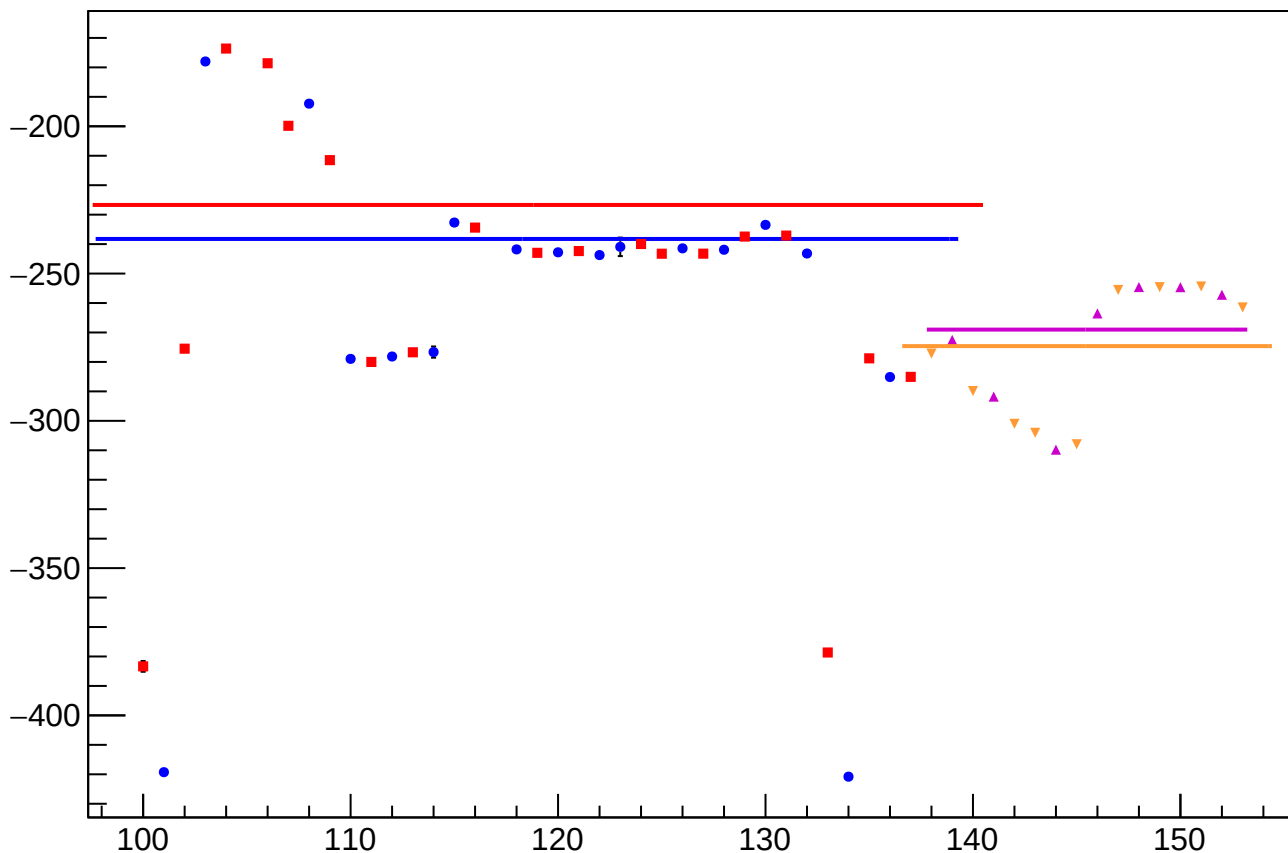
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 133.844 $\pm$ 2.083 χ^2 /NDF:1125.6/23

Out: 128.435 $\pm$ 1.944 χ^2 /NDF:1144.8/27

All: 130.954 $\pm$ 1.421 χ^2 /NDF: 2274.0/51

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -274.631+/-0.131 χ^2/NDF :25557.5/8

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

Left In: -269.023+/-0.138 χ^2/NDF :17577.5/6

Left: -271.962+/-0.095 χ^2/NDF : 44001.7/15

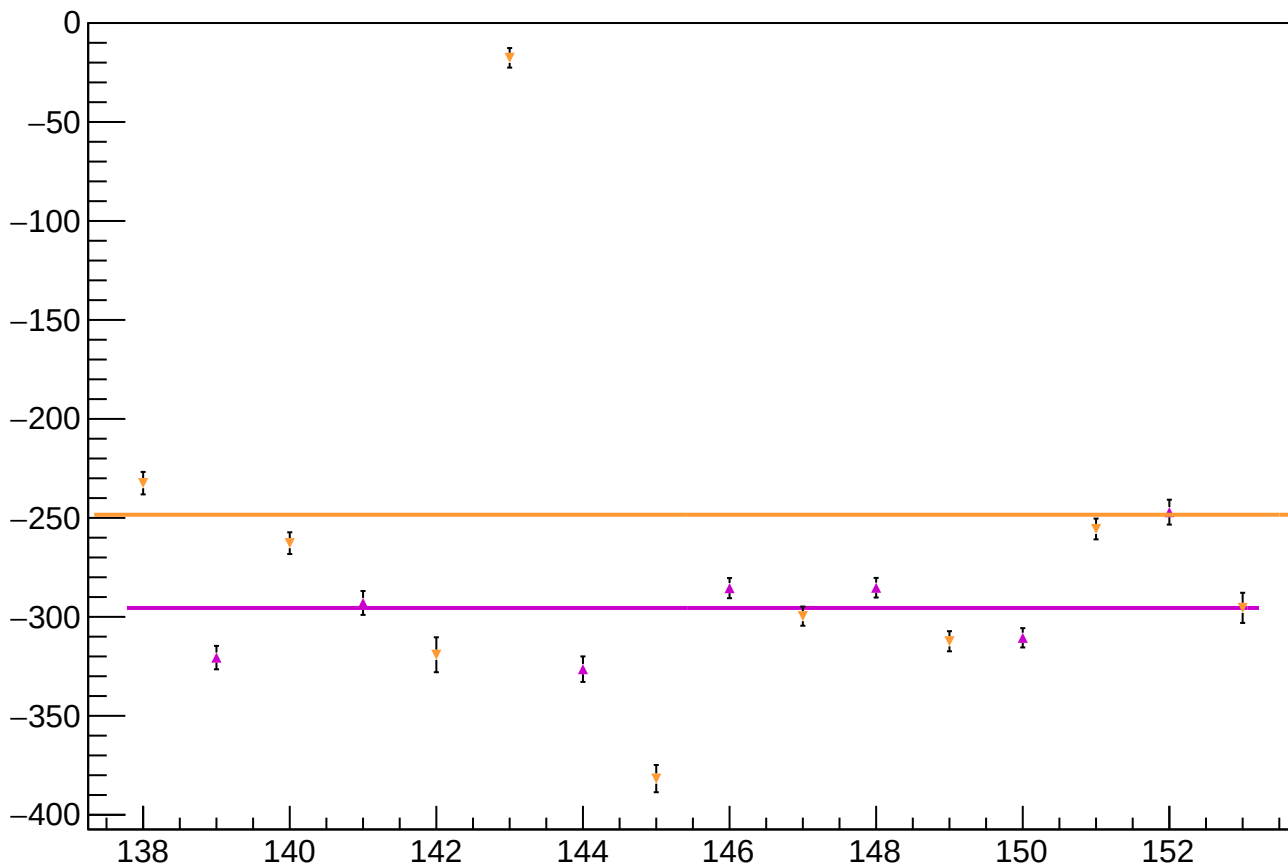
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -255.898+/-0.104 χ^2/NDF :205941.7/23

Out: -253.992+/-0.099 χ^2/NDF :185664.9/27

All: -254.895+/-0.072 χ^2/NDF : 391781.8/51

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.404+/-1.911 χ^2/NDF :2941.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -295.497+/-2.099 χ^2/NDF :118.2/6

Left: -269.751+/-1.413 χ^2/NDF : 3334.4/15

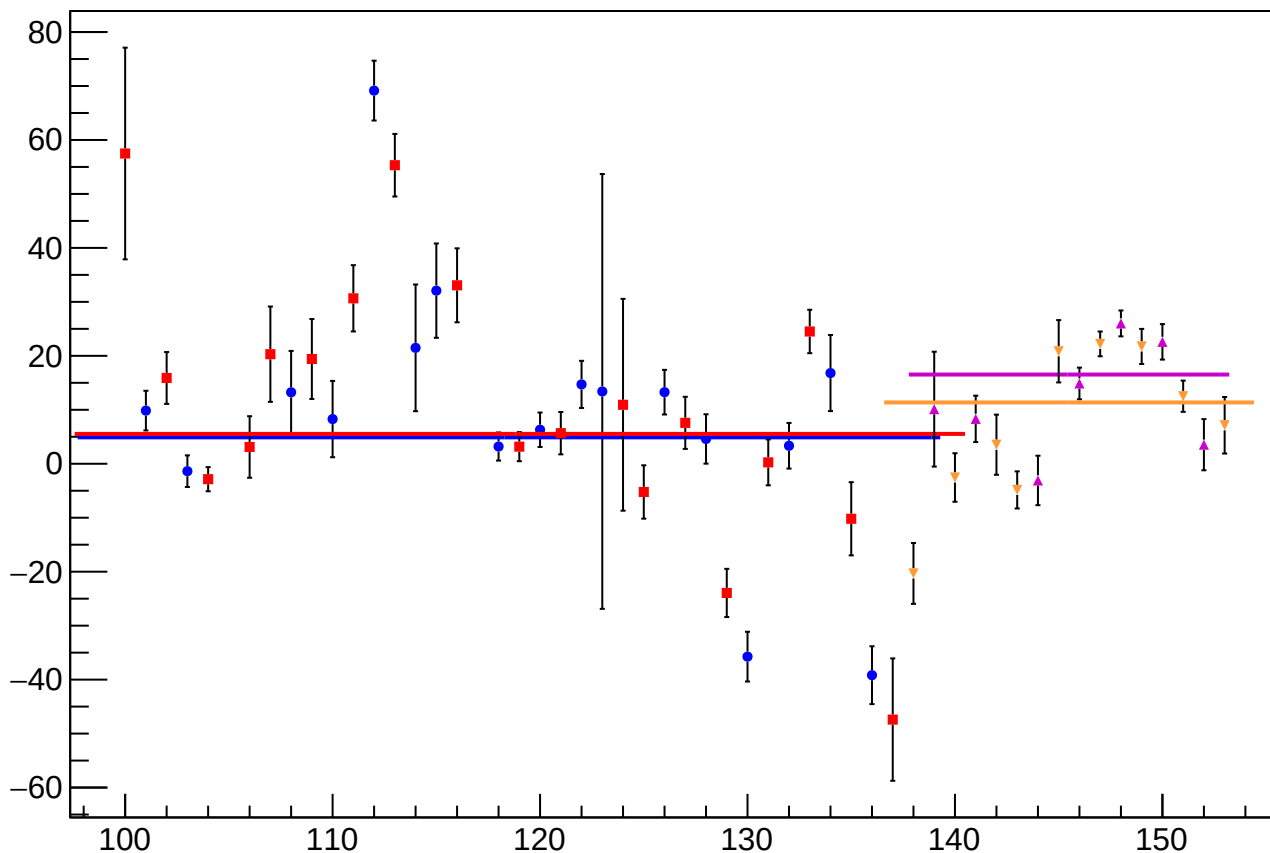
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.497+/-2.099 χ^2/NDF :118.2/6

Out: -248.404+/-1.911 χ^2/NDF :2941.0/8

All: -269.751+/-1.413 χ^2/NDF : 3334.4/15

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 $\chi^2/\text{NDF}: 312.0/16$

Left Out: 11.362 ± 1.224 $\chi^2/\text{NDF}: 101.3/8$

Right Out: 5.534 ± 1.071 $\chi^2/\text{NDF}: 239.1/18$

Left In: 16.532 ± 1.364 $\chi^2/\text{NDF}: 49.2/6$

Left: 13.667 ± 0.911 $\chi^2/\text{NDF}: 158.5/15$

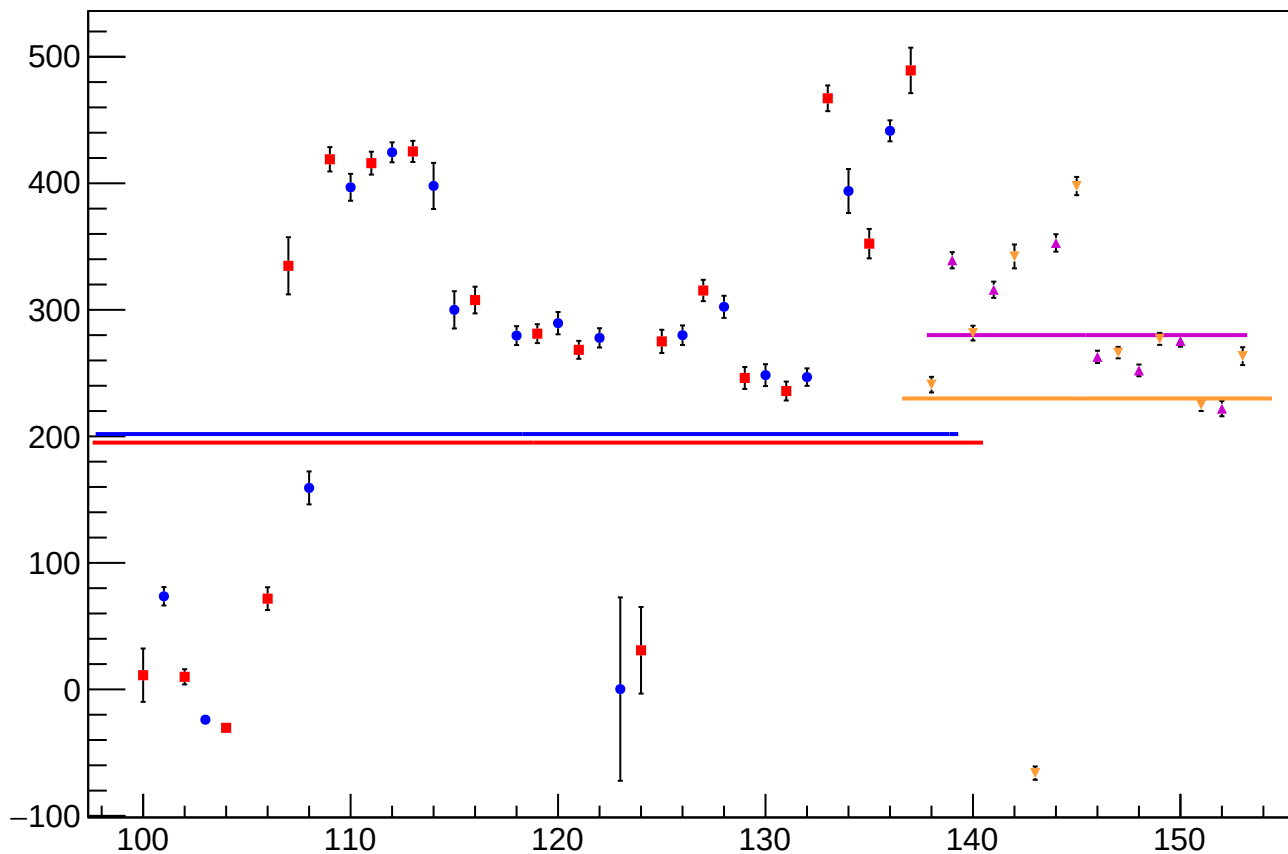
Right: 5.220 ± 0.764 $\chi^2/\text{NDF}: 551.3/35$

In: 9.425 ± 0.851 $\chi^2/\text{NDF}: 405.6/23$

Out: 8.062 ± 0.806 $\chi^2/\text{NDF}: 353.3/27$

All: 8.707 ± 0.585 $\chi^2/\text{NDF}: 760.2/51$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 229.930 $\pm$ 1.907 χ^2 /NDF:4093.7/8

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 280.038 $\pm$ 2.066 χ^2 /NDF:371.0/6

Left: 252.979 $\pm$ 1.401 χ^2 /NDF: 4782.4/15

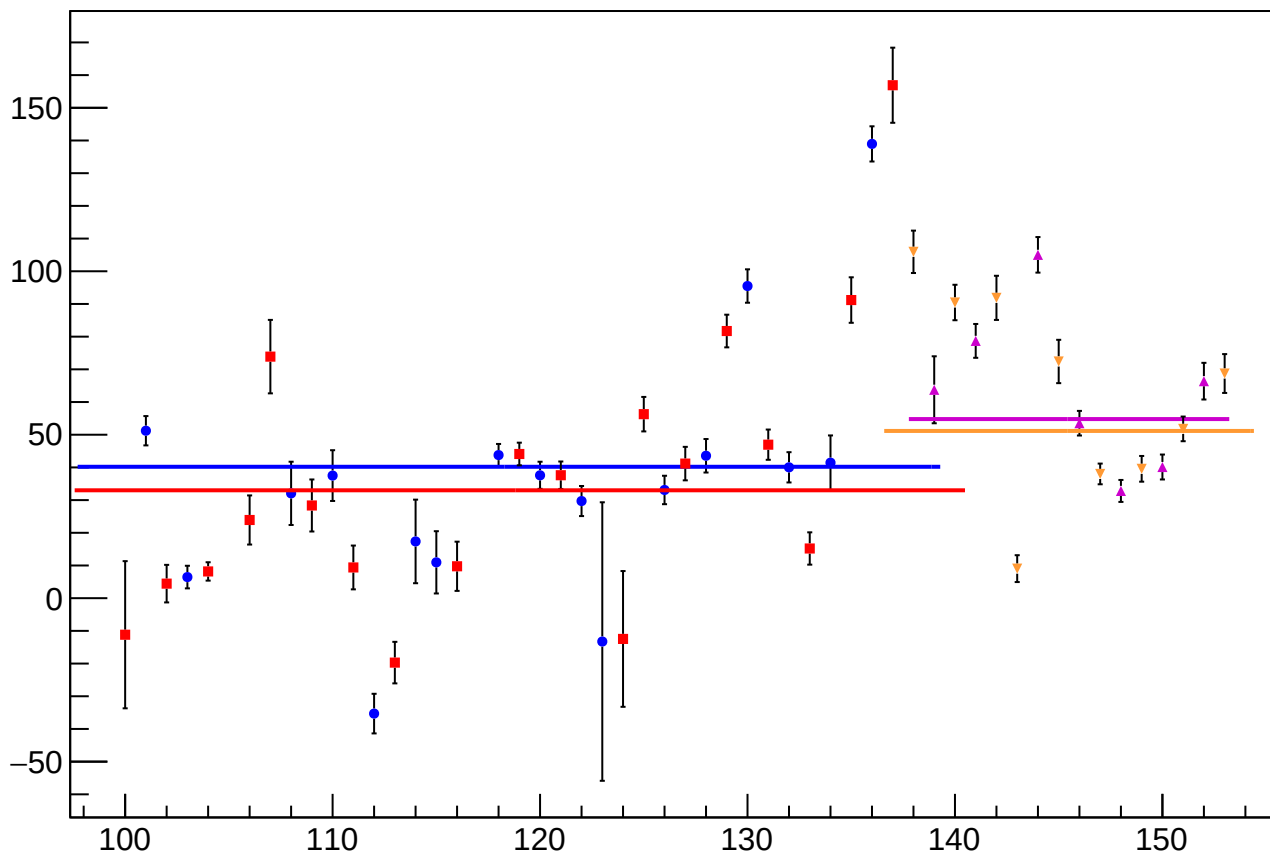
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 239.069 $\pm$ 1.426 χ^2 /NDF:7876.0/23

Out: 212.651 $\pm$ 1.355 χ^2 /NDF:12516.6/27

All: 225.182 $\pm$ 0.982 χ^2 /NDF: 20573.0/51

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 51.156 $\pm$ 1.534 χ^2 /NDF:310.3/8

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 54.789 $\pm$ 1.714 χ^2 /NDF:169.5/6

Left: 52.773 $\pm$ 1.143 χ^2 /NDF: 482.2/15

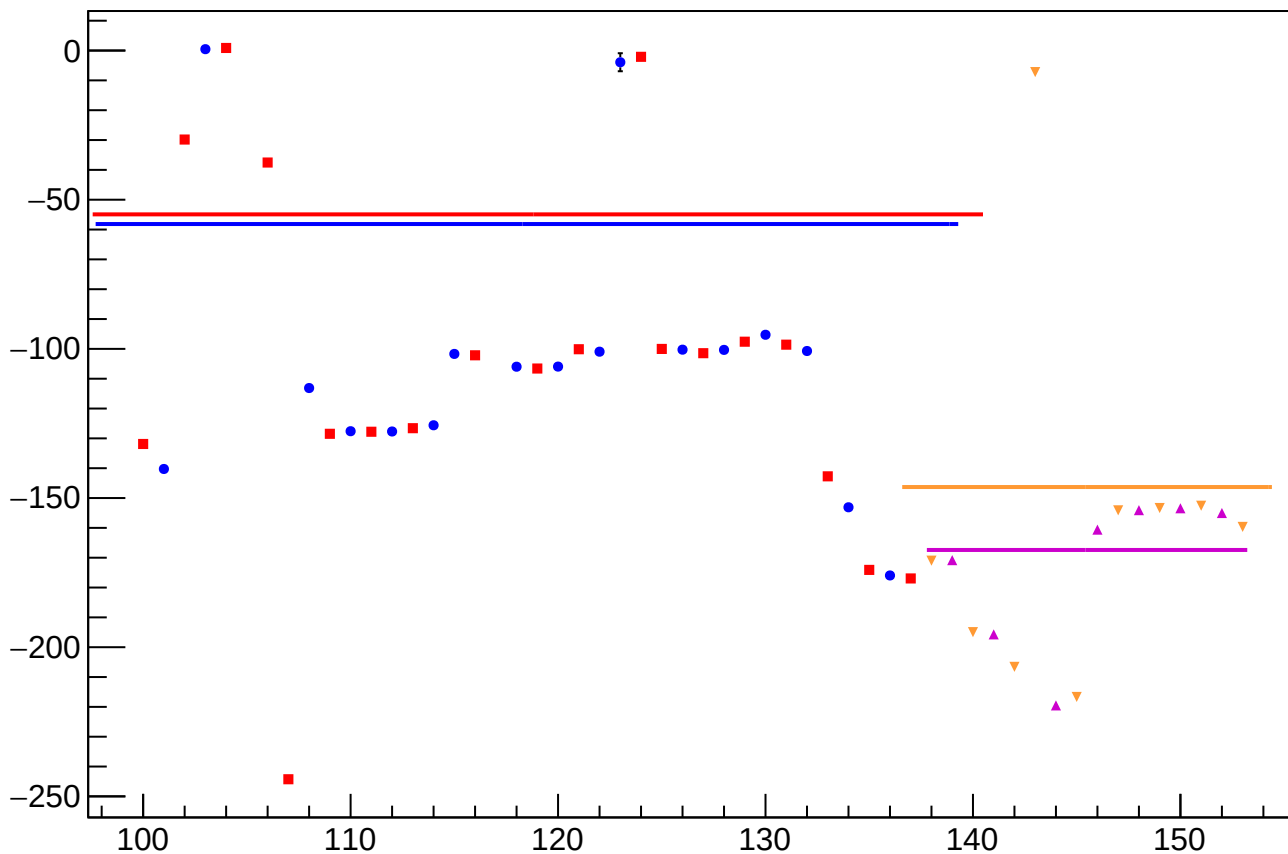
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 45.356 $\pm$ 1.019 χ^2 /NDF:951.3/23

Out: 40.261 $\pm$ 0.970 χ^2 /NDF:948.4/27

All: 42.683 $\pm$ 0.703 χ^2 /NDF: 1912.8/51

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Left Out: -146.311+/-0.080 χ^2/NDF : 572402.2/8

Right Out: -54.914+/-0.060 χ^2/NDF : 1003885.5/18

Left In: -167.404+/-0.086 χ^2/NDF : 55187.0/6

Left: -156.073+/-0.059 χ^2/NDF : 659720.7/15

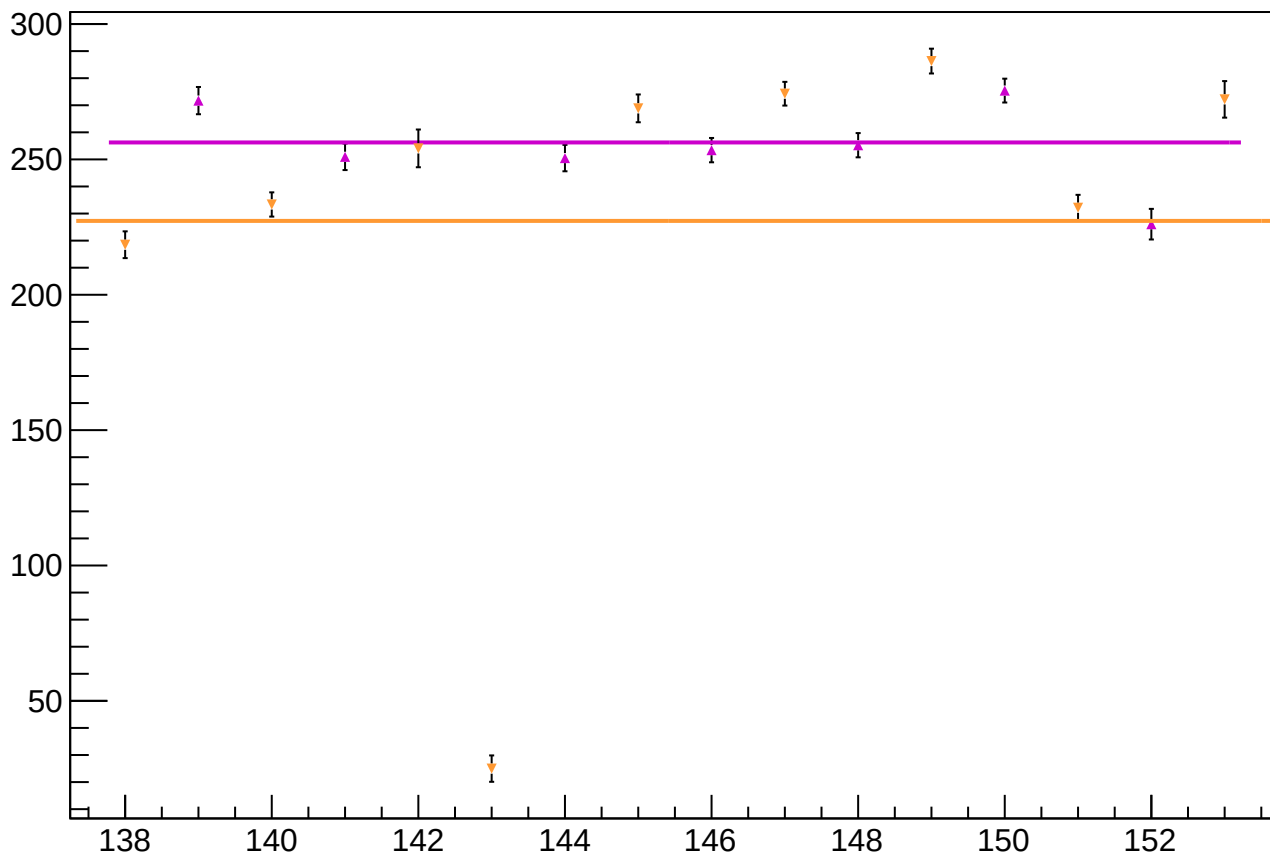
Right: -56.499+/-0.043 χ^2/NDF : 2110811.0/35

In: -95.040+/-0.050 χ^2/NDF : 2223562.6/23

Out: -87.946+/-0.048 χ^2/NDF : 2408762.1/27

All: -91.349+/-0.035 χ^2/NDF : 4642751.9/51

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.283+/-1.673 χ^2/NDF : 2137.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.261+/-1.809 χ^2/NDF : 59.9/6

Left: 240.642+/-1.229 χ^2/NDF : 2335.3/15

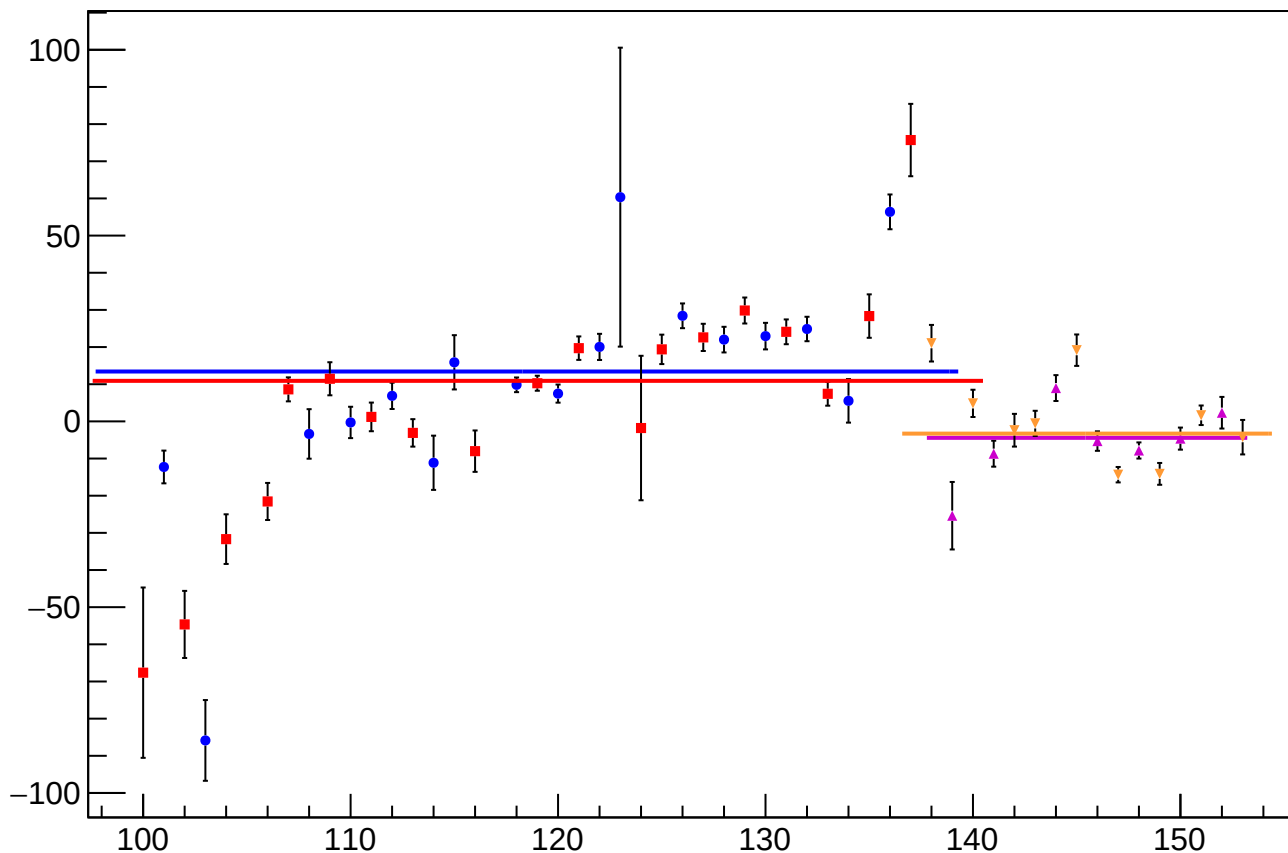
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.261+/-1.809 χ^2/NDF : 59.9/6

Out: 227.283+/-1.673 χ^2/NDF : 2137.2/8

All: 240.642+/-1.229 χ^2/NDF : 2335.3/15

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: -3.292+/-1.085 χ^2/NDF :103.7/8

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

Left In: -4.426+/-1.193 χ^2/NDF :26.7/6

Left: -3.806+/-0.803 χ^2/NDF : 131.0/15

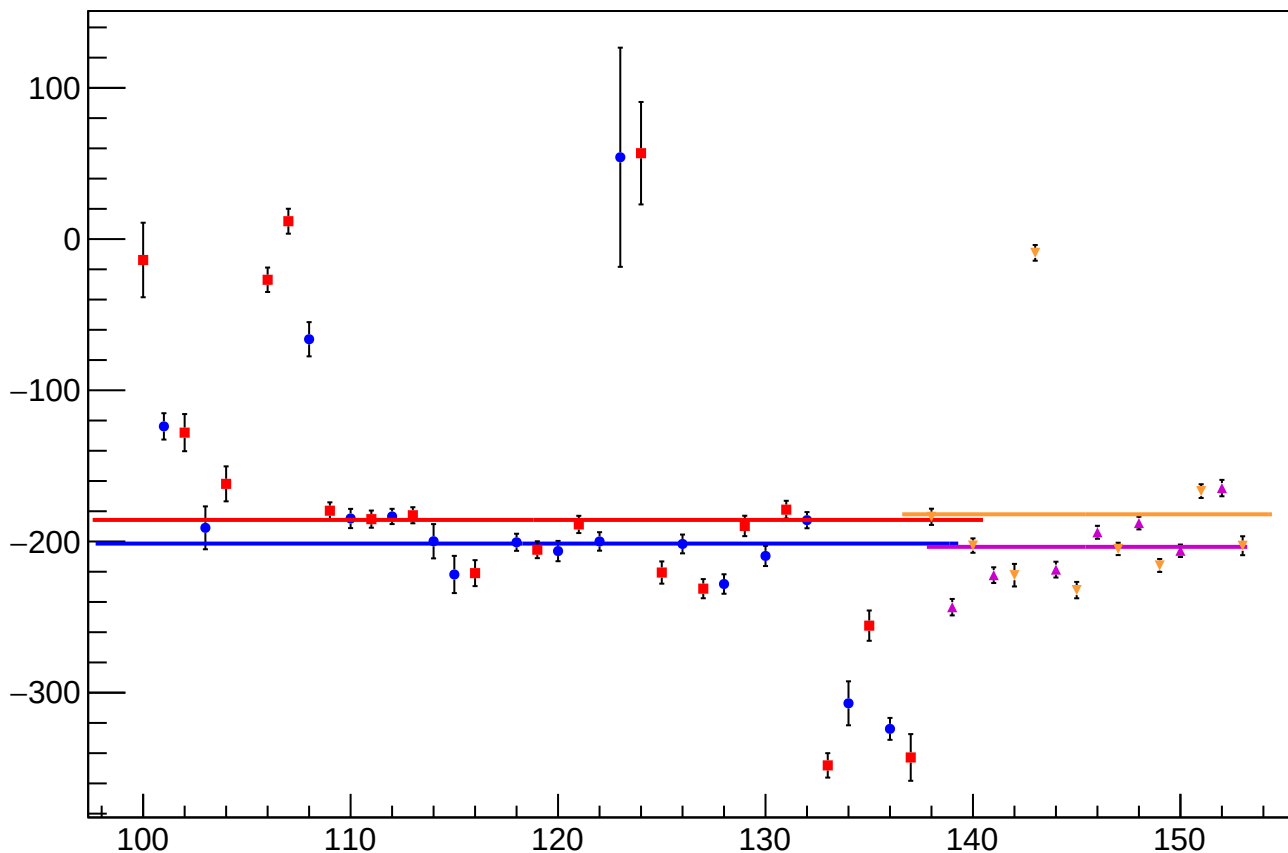
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 6.770+/-0.728 χ^2/NDF :462.4/23

Out: 5.000+/-0.700 χ^2/NDF :506.3/27

All: 5.850+/-0.505 χ^2/NDF : 971.7/51

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -182.017 ± 1.676 χ^2/NDF : 1355.7/8

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: -203.539 ± 1.792 χ^2/NDF : 145.9/6

Left: -192.058 ± 1.224 χ^2/NDF : 1578.5/15

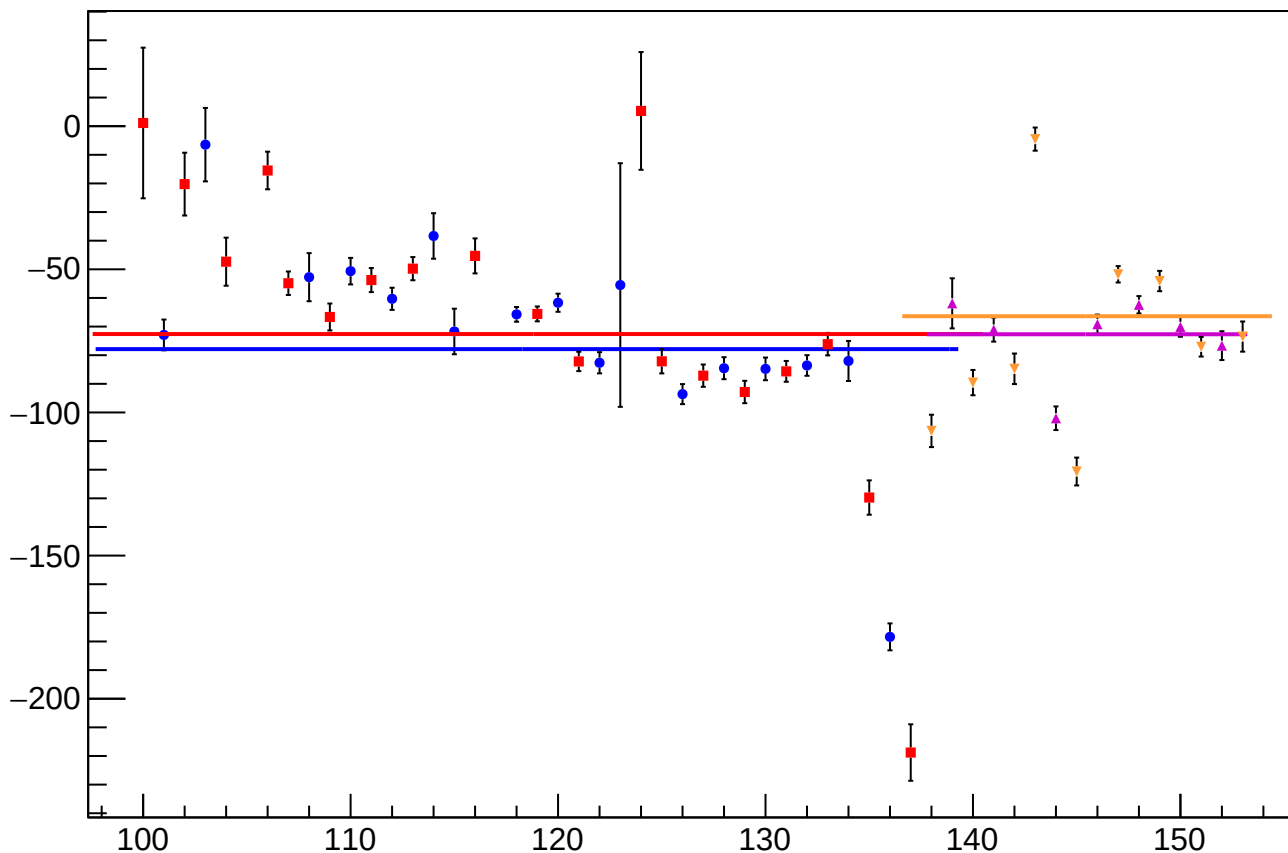
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -202.454 ± 1.263 χ^2/NDF : 770.1/23

Out: -183.851 ± 1.194 χ^2/NDF : 3107.4/27

All: -192.629 ± 0.867 χ^2/NDF : 3992.1/51

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -66.382 ± 1.356 χ^2/NDF : 497.5/8

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

Left In: -72.686 ± 1.492 χ^2/NDF : 66.0/6

Left: -69.235 ± 1.004 χ^2/NDF : 573.3/15

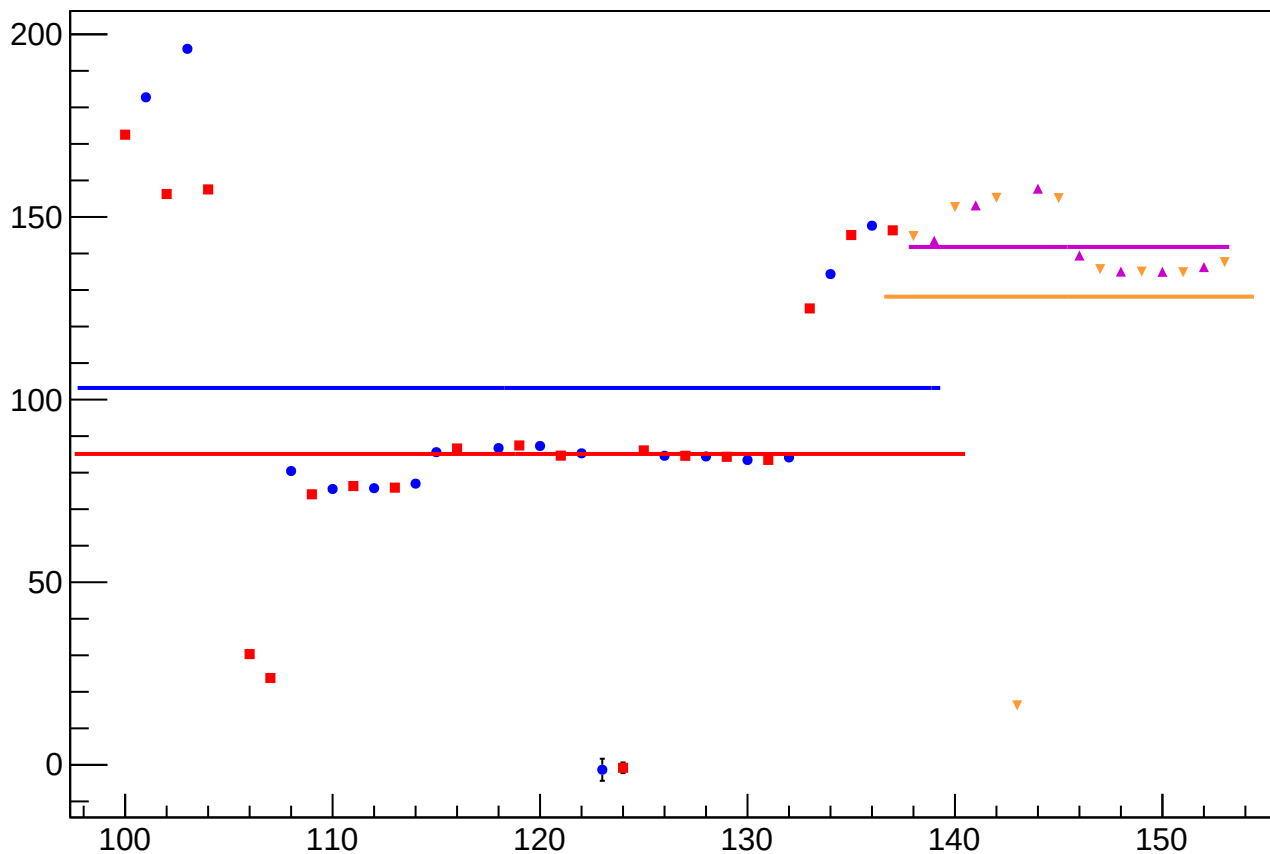
Right: -75.215 ± 0.749 χ^2/NDF : 1277.4/35

In: -76.123 ± 0.867 χ^2/NDF : 732.2/23

Out: -70.266 ± 0.832 χ^2/NDF : 1117.6/27

All: -73.074 ± 0.600 χ^2/NDF : 1873.5/51

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 128.173 $\pm$ 0.070 χ^2 /NDF: 339520.9/8

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 141.789 $\pm$ 0.075 χ^2 /NDF: 11599.5/6

Left: 134.555 $\pm$ 0.051 χ^2 /NDF: 368751.0/15

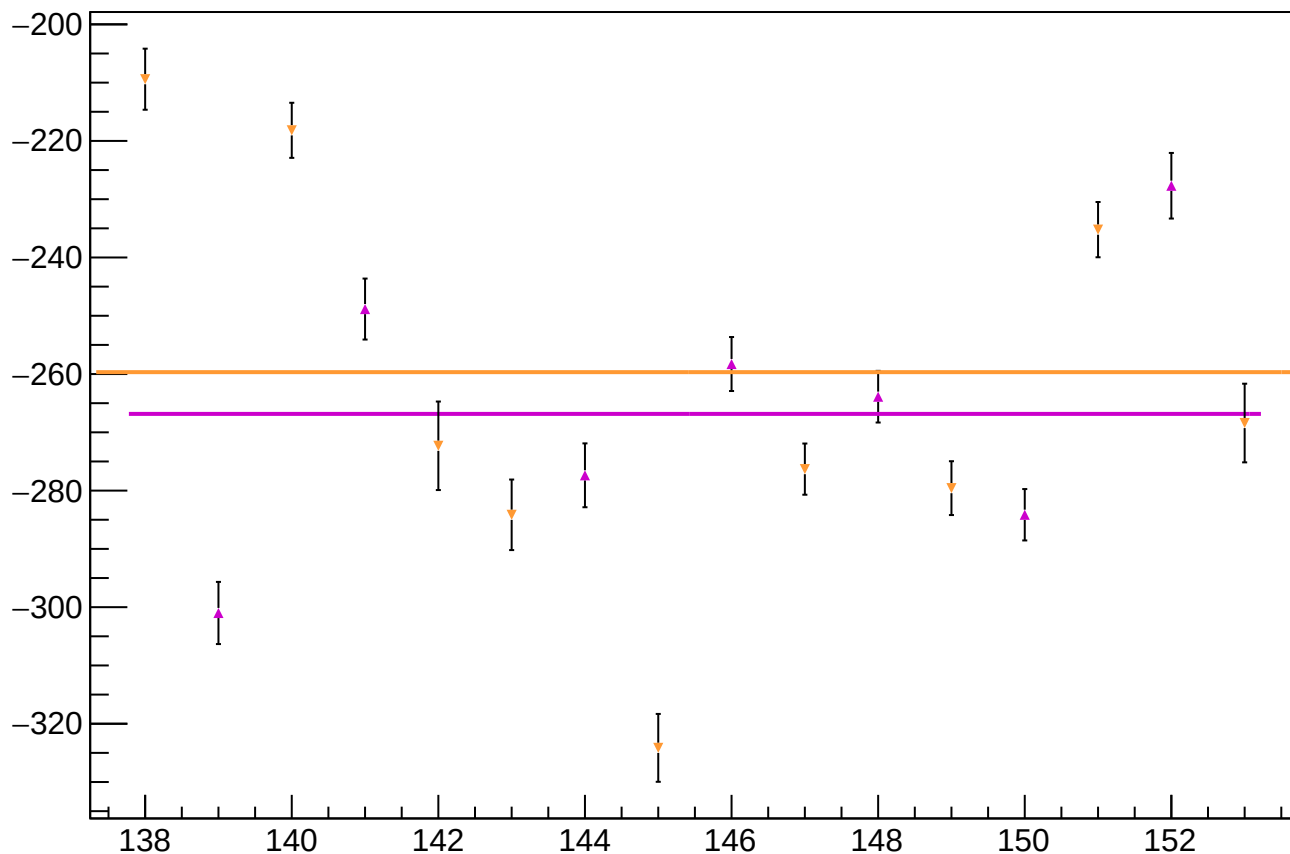
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 121.315 $\pm$ 0.051 χ^2 /NDF: 426636.6/23

Out: 104.569 $\pm$ 0.047 χ^2 /NDF: 969213.3/27

All: 112.256 $\pm$ 0.035 χ^2 /NDF: 1453671.8/51

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.674+/-1.766 χ^2/NDF :372.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.838+/-1.871 χ^2/NDF :124.2/6

Left: -263.049+/-1.285 χ^2/NDF : 503.9/15

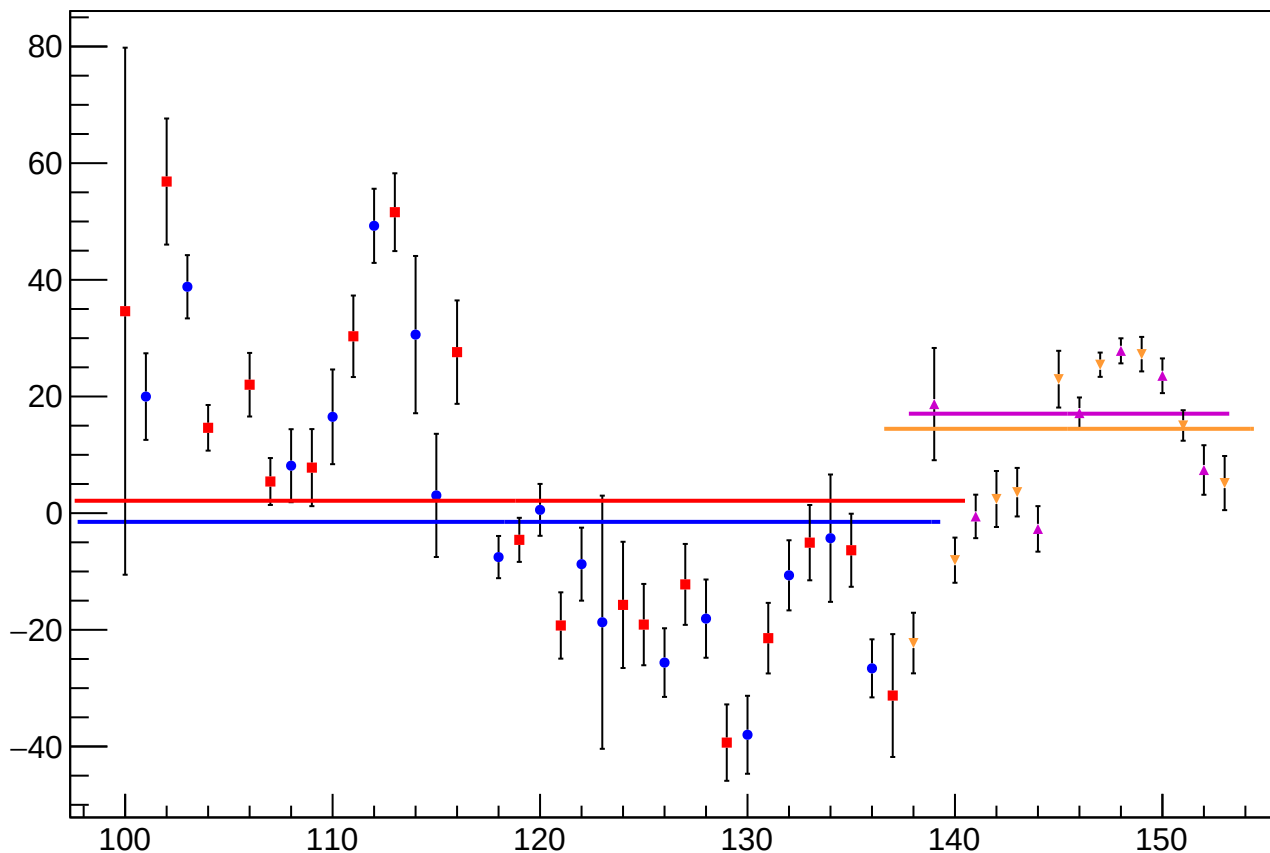
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.838+/-1.871 χ^2/NDF :124.2/6

Out: -259.674+/-1.766 χ^2/NDF :372.0/8

All: -263.049+/-1.285 χ^2/NDF : 503.9/15

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492 ± 1.513 $\chi^2/\text{NDF}: 226.1/16$

Left Out: 14.460 ± 1.129 $\chi^2/\text{NDF}: 150.7/8$

Right Out: 2.127 ± 1.402 $\chi^2/\text{NDF}: 232.6/18$

Left In: 17.051 ± 1.219 $\chi^2/\text{NDF}: 83.0/6$

Left: 15.656 ± 0.828 $\chi^2/\text{NDF}: 236.1/15$

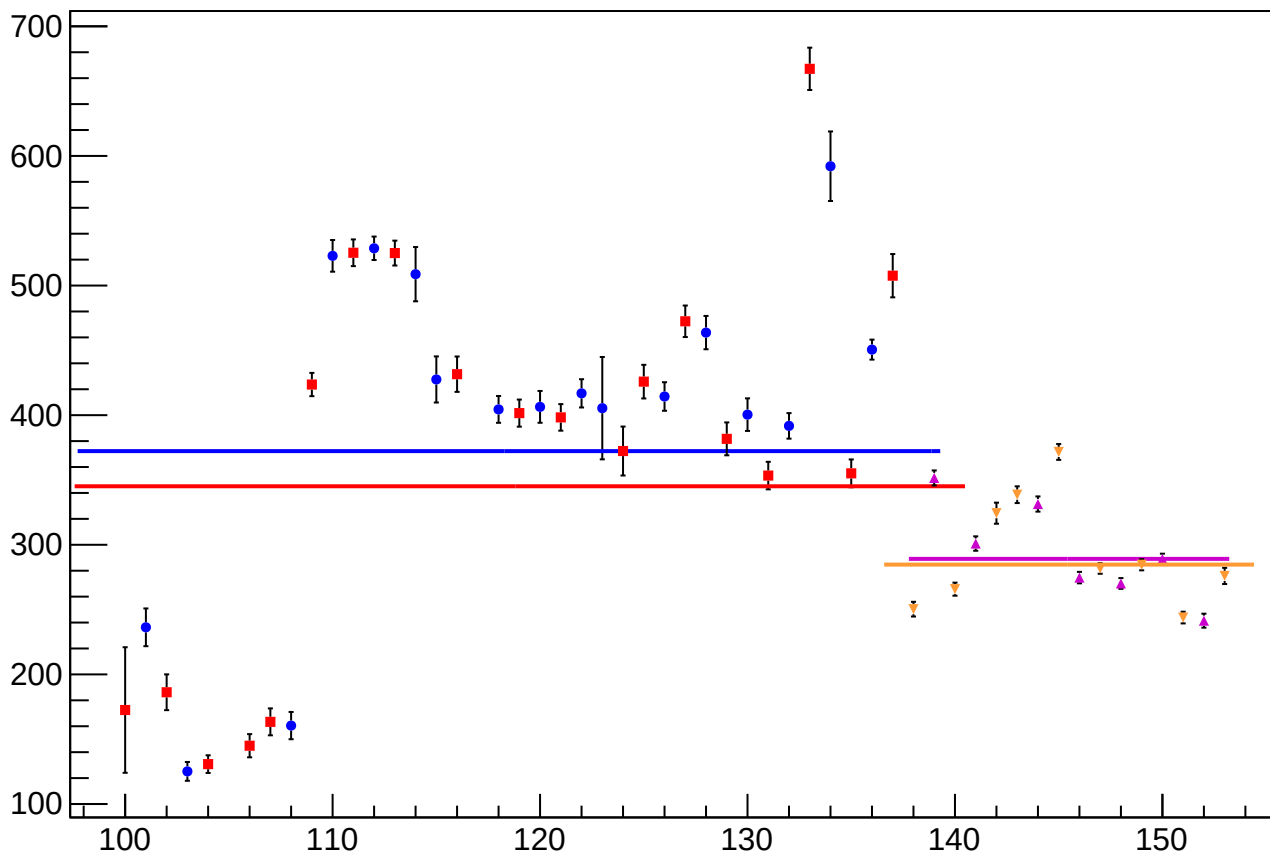
Right: 0.455 ± 1.029 $\chi^2/\text{NDF}: 461.8/35$

In: 9.752 ± 0.949 $\chi^2/\text{NDF}: 400.2/23$

Out: 9.612 ± 0.879 $\chi^2/\text{NDF}: 430.2/27$

All: 9.677 ± 0.645 $\chi^2/\text{NDF}: 830.4/51$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 284.718+/-1.757 χ^2/NDF : 431.0/8

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

Left In: 289.137+/-1.845 χ^2/NDF : 283.4/6

Left: 286.819+/-1.272 χ^2/NDF : 717.3/15

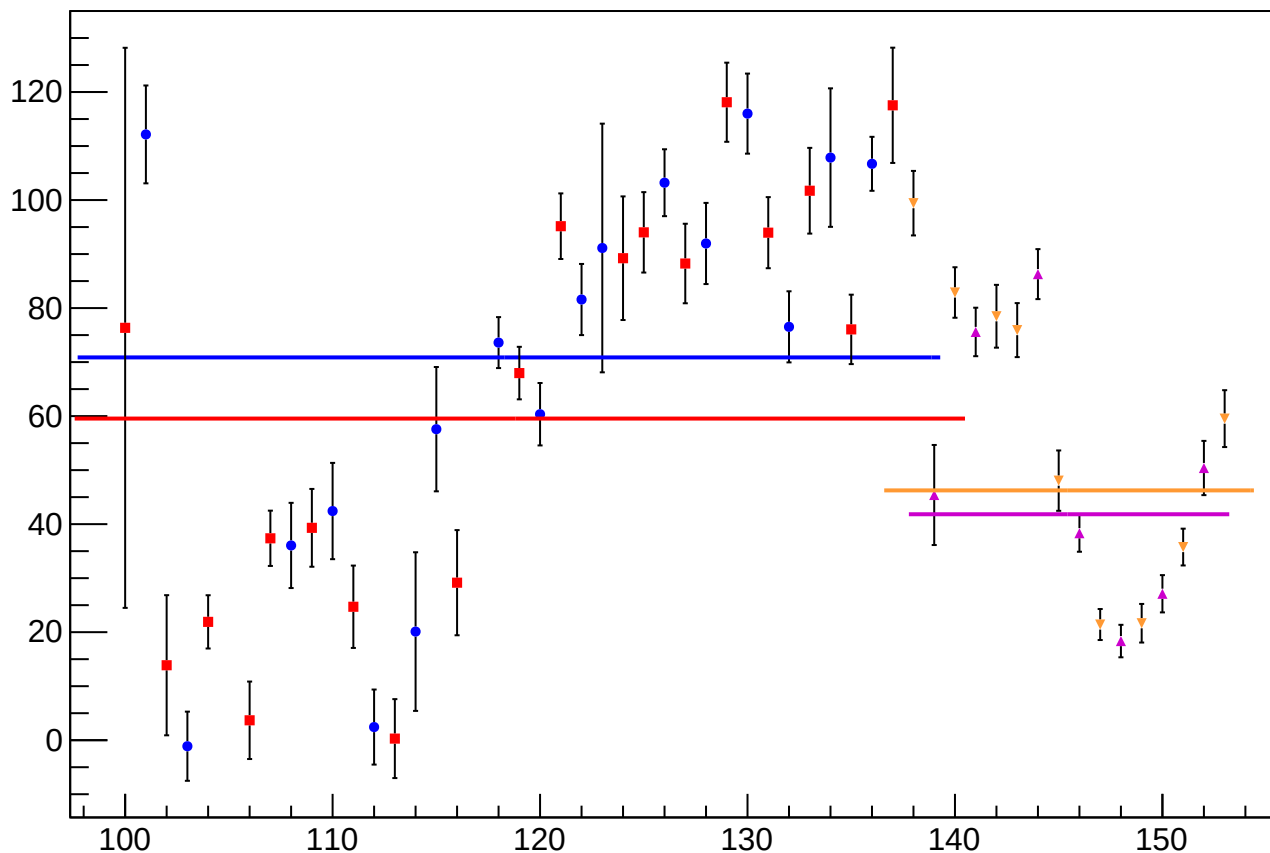
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 314.821+/-1.534 χ^2/NDF : 3343.6/23

Out: 304.039+/-1.449 χ^2/NDF : 4225.7/27

All: 309.123+/-1.053 χ^2/NDF : 7595.4/51

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867 ± 1.743 $\chi^2/\text{NDF}: 427.0/16$

Left Out: 46.248 ± 1.418 $\chi^2/\text{NDF}: 344.8/8$

Right Out: 59.546 ± 1.633 $\chi^2/\text{NDF}: 490.9/18$

Left In: 41.831 ± 1.530 $\chi^2/\text{NDF}: 232.0/6$

Left: 44.207 ± 1.040 $\chi^2/\text{NDF}: 581.3/15$

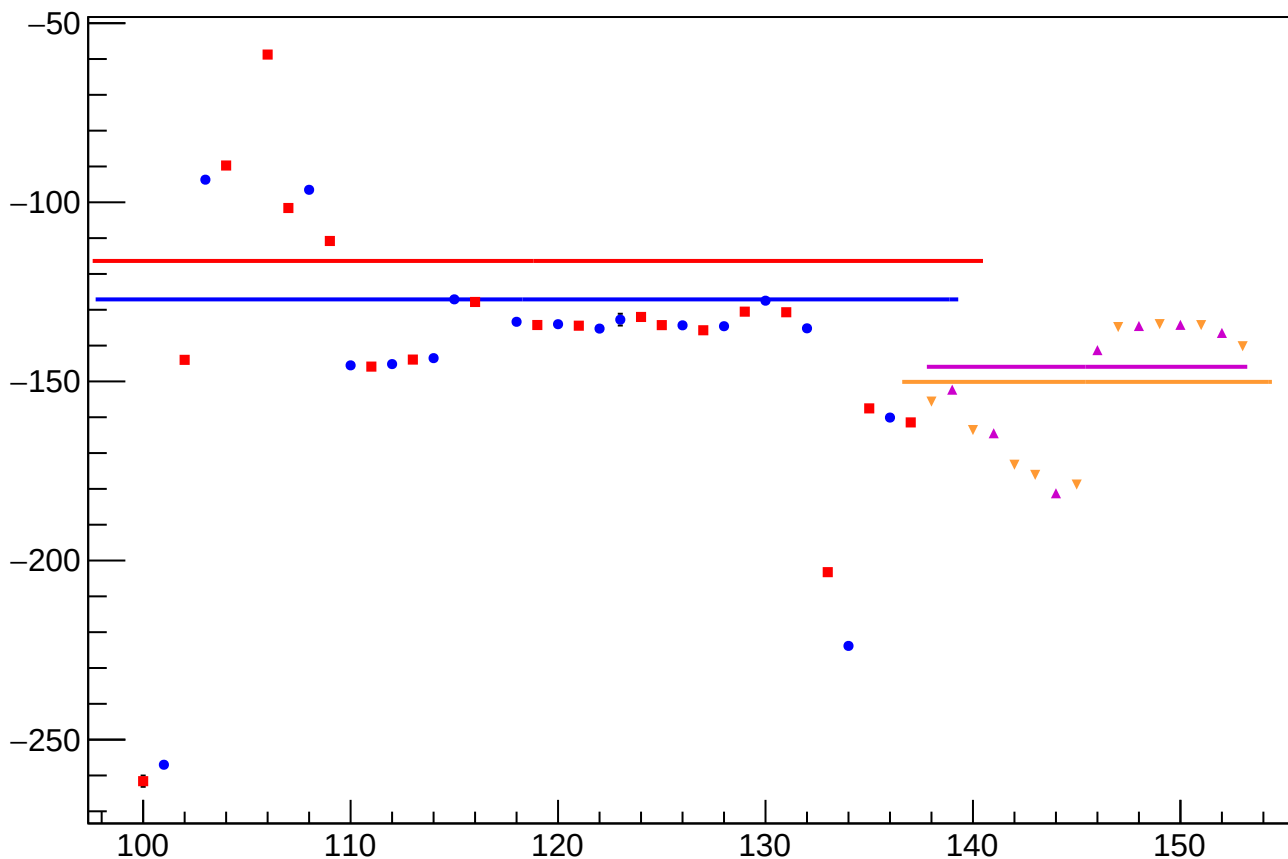
Right: 64.838 ± 1.192 $\chi^2/\text{NDF}: 940.3/35$

In: 54.470 ± 1.150 $\chi^2/\text{NDF}: 815.7/23$

Out: 51.964 ± 1.071 $\chi^2/\text{NDF}: 873.5/27$

All: 53.128 ± 0.784 $\chi^2/\text{NDF}: 1691.8/51$

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -150.127+/-0.074 χ^2/NDF : 55629.6/8

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: -145.918+/-0.077 χ^2/NDF : 37748.3/6

Left: -148.109+/-0.053 χ^2/NDF : 94931.7/15

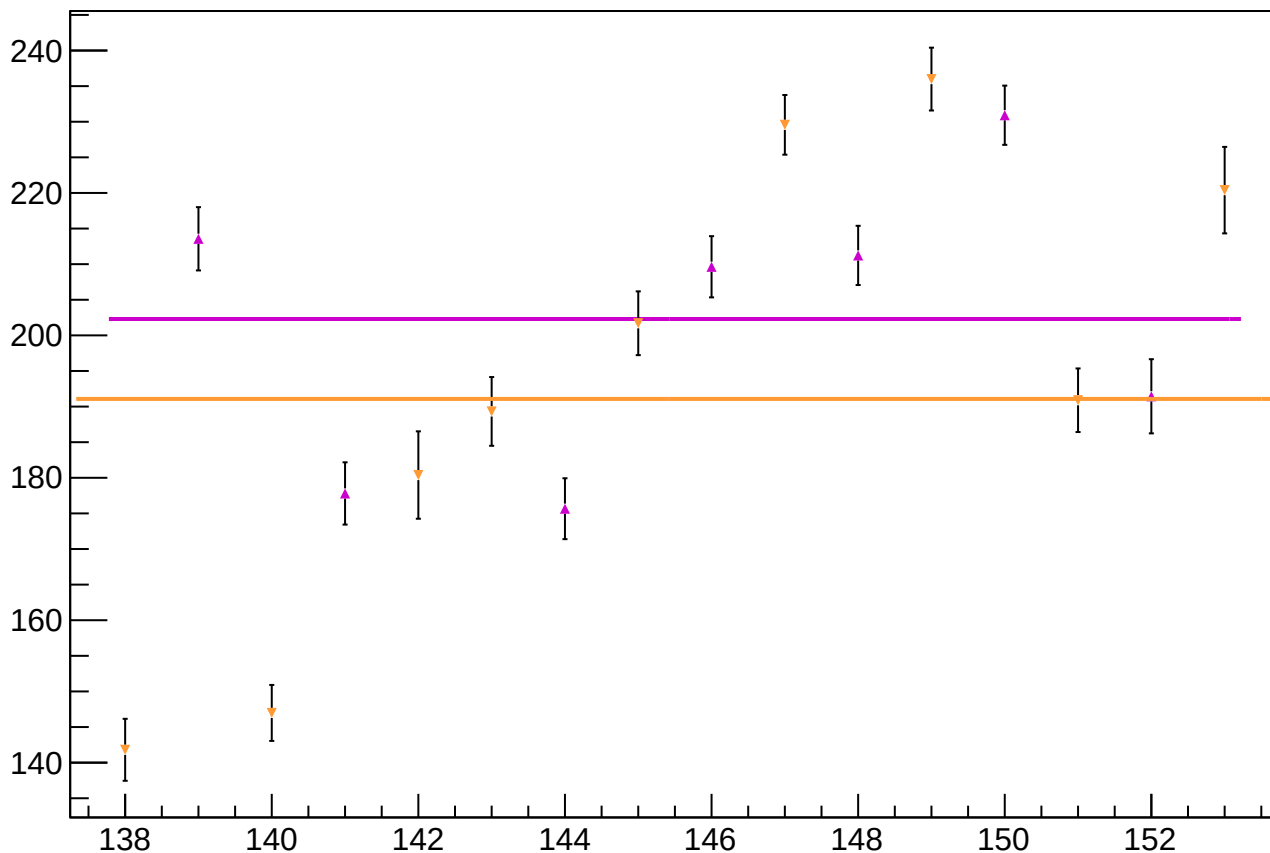
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -137.905+/-0.058 χ^2/NDF : 230217.1/23

Out: -135.171+/-0.055 χ^2/NDF : 315533.9/27

All: -136.462+/-0.040 χ^2/NDF : 546909.0/51

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: 191.077+/-1.538 χ^2/NDF : 474.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.300+/-1.657 χ^2/NDF : 135.9/6

Left: 196.274+/-1.127 χ^2/NDF : 634.7/15

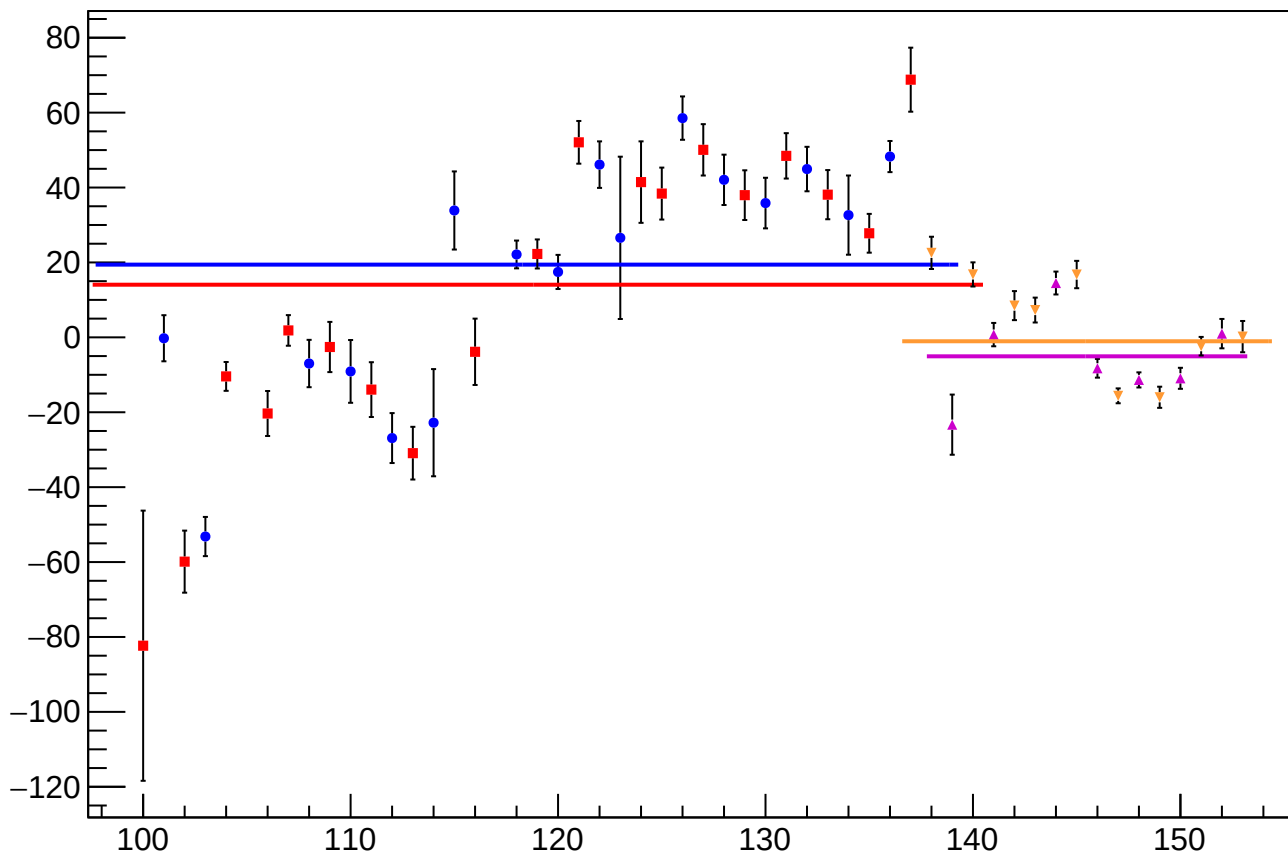
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.300+/-1.657 χ^2/NDF : 135.9/6

Out: 191.077+/-1.538 χ^2/NDF : 474.2/8

All: 196.274+/-1.127 χ^2/NDF : 634.7/15

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416 ± 1.480 $\chi^2/\text{NDF}: 441.1/16$

Left Out: -1.046 ± 1.009 $\chi^2/\text{NDF}: 179.1/8$

Right Out: 14.055 ± 1.392 $\chi^2/\text{NDF}: 436.5/18$

Left In: -5.065 ± 1.102 $\chi^2/\text{NDF}: 67.8/6$

Left: -2.879 ± 0.744 $\chi^2/\text{NDF}: 254.1/15$

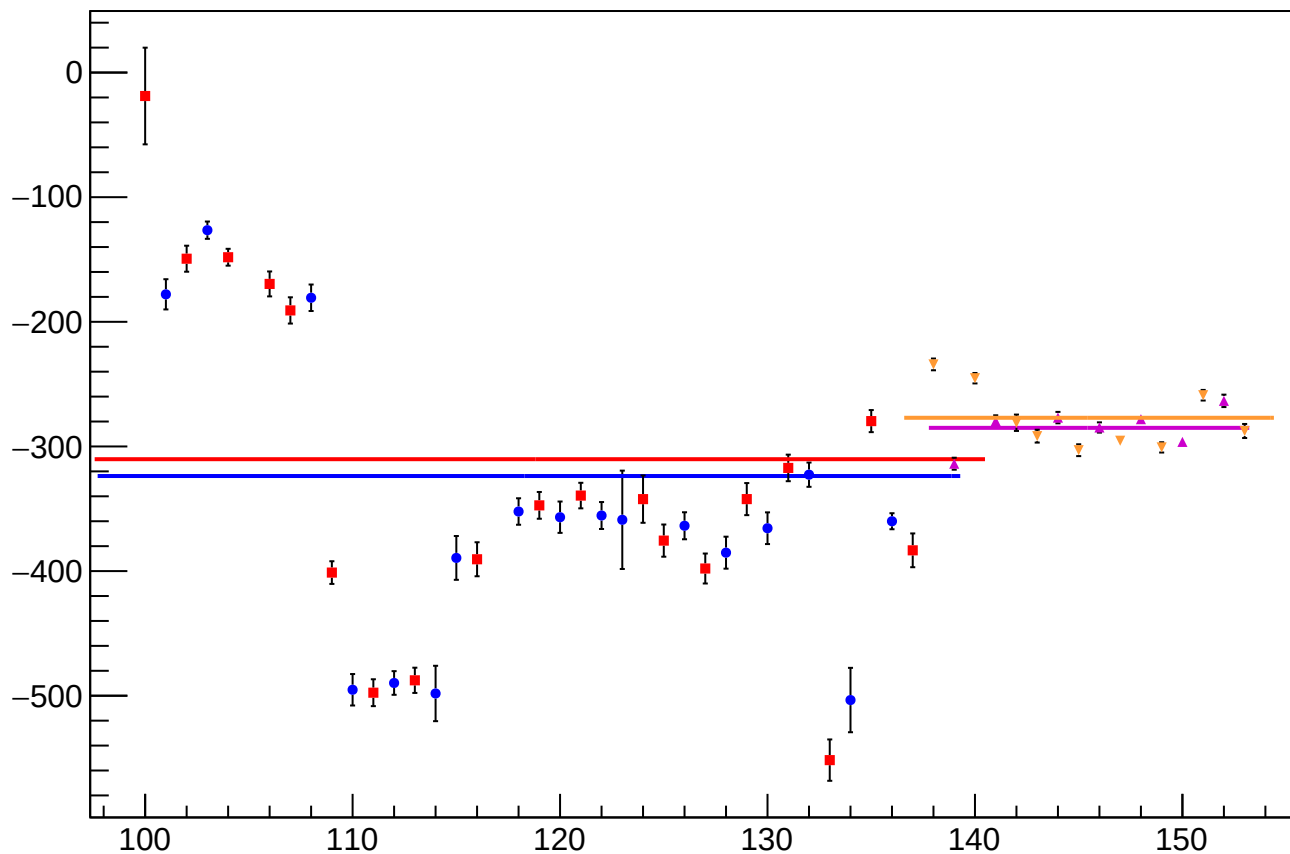
Right: 16.572 ± 1.014 $\chi^2/\text{NDF}: 884.6/35$

In: 3.671 ± 0.884 $\chi^2/\text{NDF}: 684.9/23$

Out: 4.157 ± 0.817 $\chi^2/\text{NDF}: 692.8/27$

All: 3.933 ± 0.600 $\chi^2/\text{NDF}: 1377.9/51$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -276.992 ± 1.547 $\chi^2/\text{NDF}: 255.5/8$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

Left In: -285.073 ± 1.647 $\chi^2/\text{NDF}: 70.8/6$

Left: -280.779 ± 1.127 $\chi^2/\text{NDF}: 339.1/15$

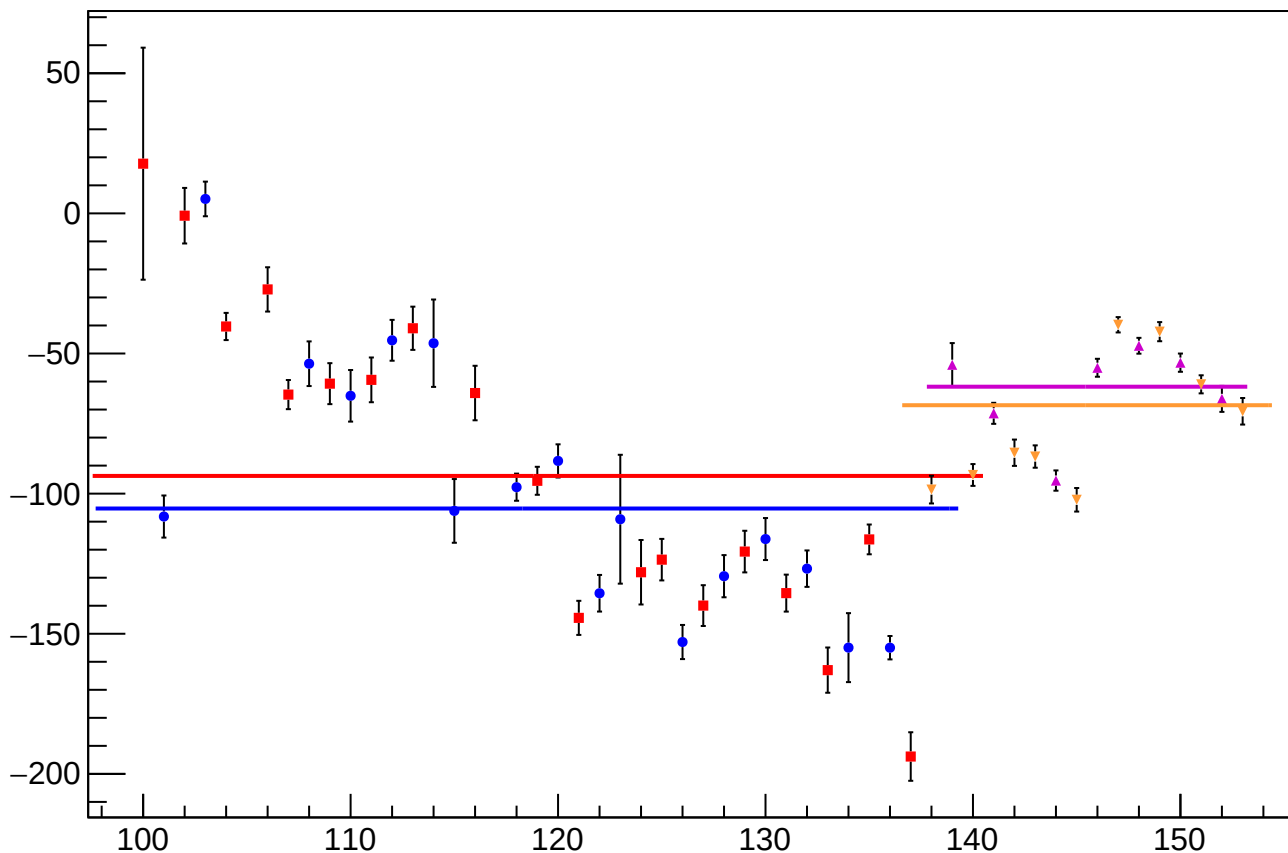
Right: -316.595 ± 1.833 $\chi^2/\text{NDF}: 4164.2/35$

In: -295.735 ± 1.401 $\chi^2/\text{NDF}: 2073.5/23$

Out: -286.069 ± 1.318 $\chi^2/\text{NDF}: 2681.6/27$

All: -290.608 ± 0.960 $\chi^2/\text{NDF}: 4780.3/51$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -68.451 ± 1.258 χ^2/NDF : 351.1/8

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -61.844 ± 1.376 χ^2/NDF : 132.1/6

Left: -65.442 ± 0.929 χ^2/NDF : 495.7/15

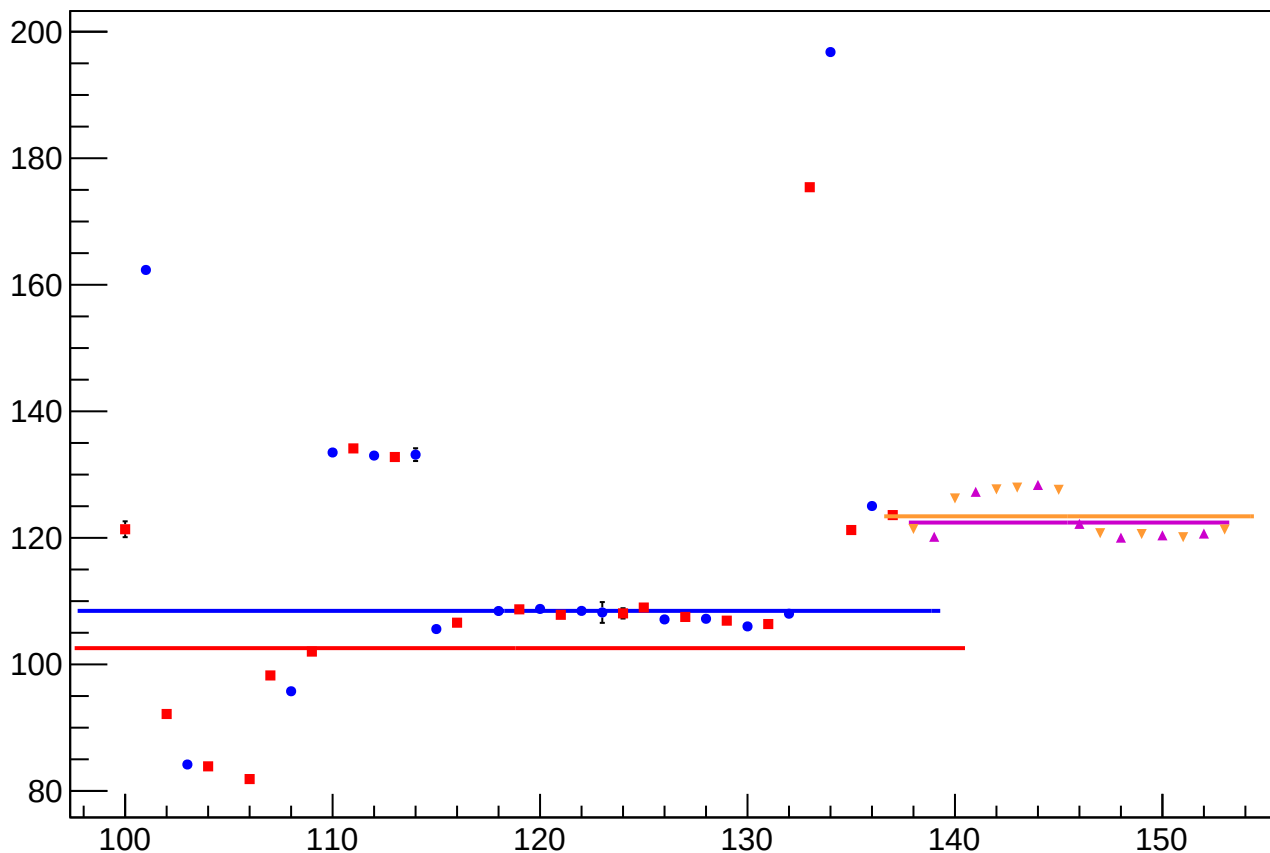
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -79.130 ± 1.068 χ^2/NDF : 1266.4/23

Out: -78.006 ± 0.992 χ^2/NDF : 1329.8/27

All: -78.526 ± 0.727 χ^2/NDF : 2596.9/51

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 123.406 $\pm$ 0.065 χ^2 /NDF: 2480.7/8

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

Left In: 122.419 $\pm$ 0.068 χ^2 /NDF: 2159.3/6

Left: 122.941 $\pm$ 0.047 χ^2 /NDF: 4749.8/15

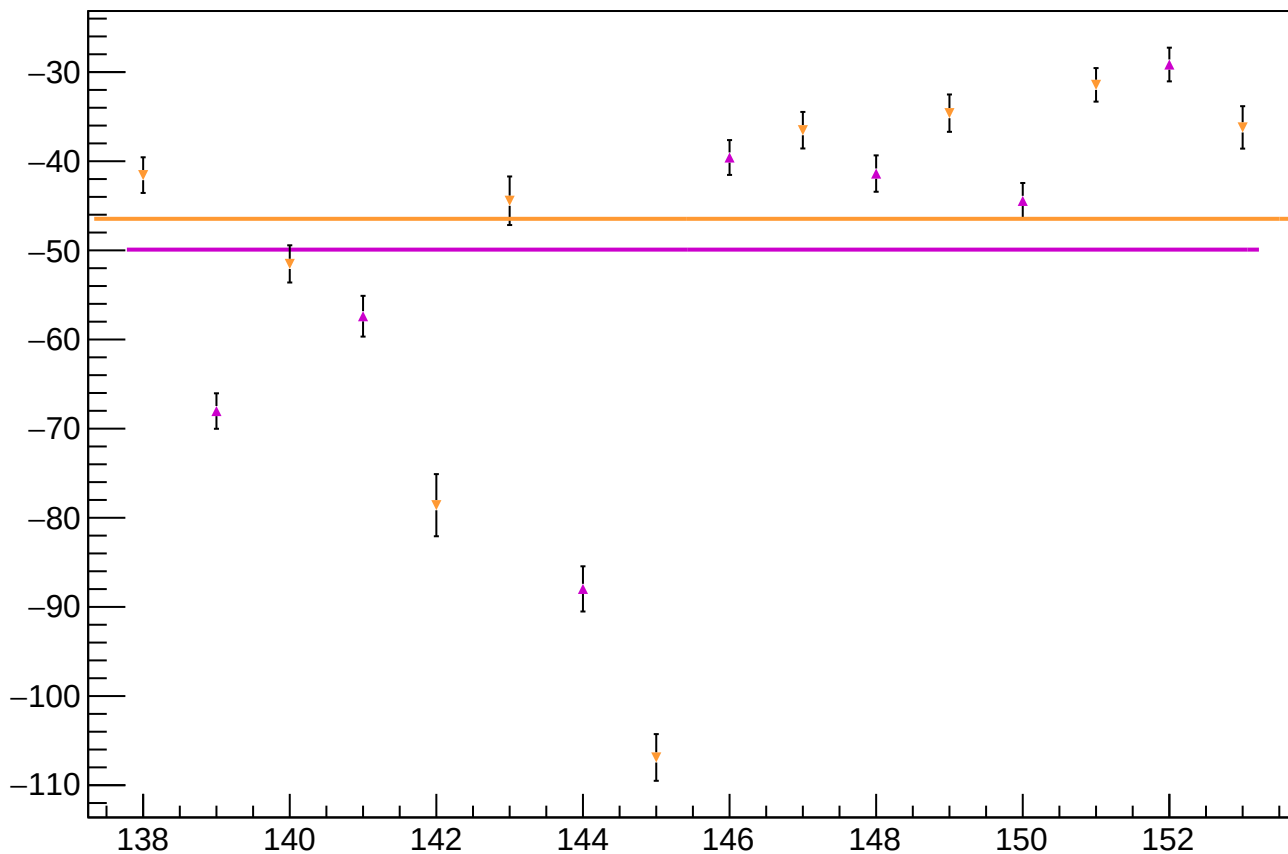
Right: 105.327 $\pm$ 0.058 χ^2 /NDF: 129018.0/35

In: 116.904 $\pm$ 0.053 χ^2 /NDF: 91882.1/23

Out: 115.107 $\pm$ 0.050 χ^2 /NDF: 96997.9/27

All: 115.952 $\pm$ 0.037 χ^2 /NDF: 189483.3/51

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: -46.460+/-0.752 χ^2/NDF : 767.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Left: -48.118+/-0.543 χ^2/NDF : 1270.0/15

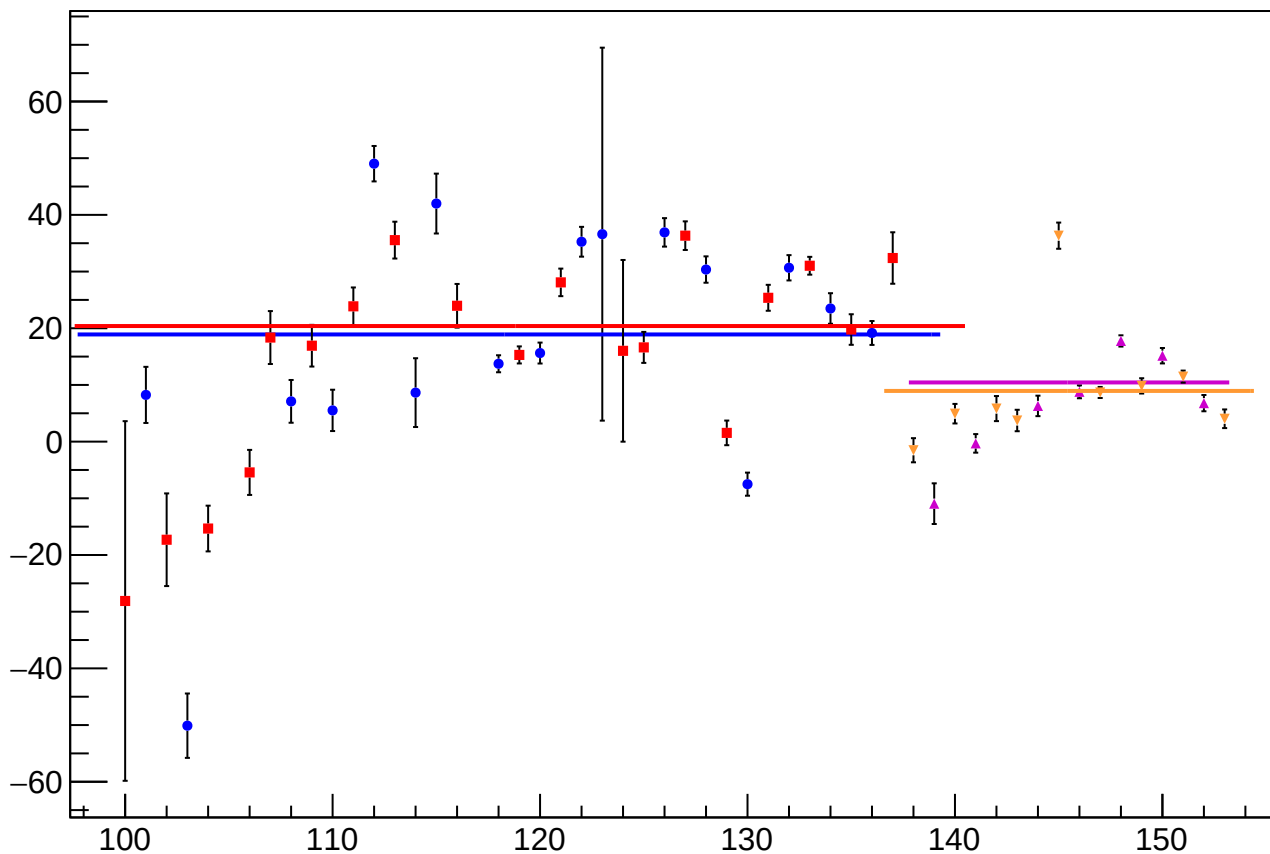
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Out: -46.460+/-0.752 χ^2/NDF : 767.5/8

All: -48.118+/-0.543 χ^2/NDF : 1270.0/15

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.942 $\pm$ 0.495 χ^2 /NDF:194.7/8

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: 10.439 $\pm$ 0.529 χ^2 /NDF:158.9/6

Left: 9.640 $\pm$ 0.361 χ^2 /NDF: 357.8/15

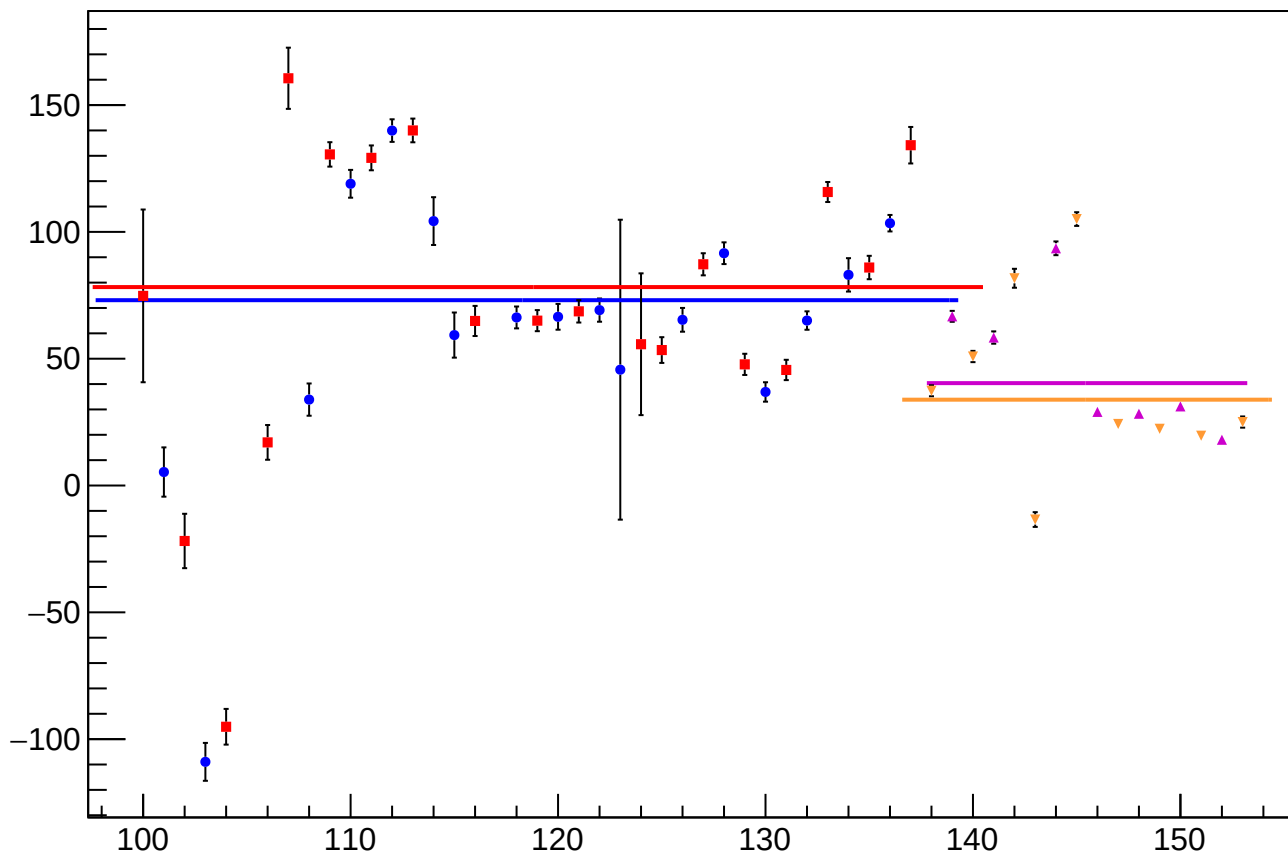
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 13.856 $\pm$ 0.409 χ^2 /NDF:881.1/23

Out: 13.193 $\pm$ 0.392 χ^2 /NDF:758.7/27

All: 13.511 $\pm$ 0.283 χ^2 /NDF: 1641.1/51

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 33.845 $\pm$ 0.748 χ^2 /NDF:1321.1/8

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

Left In: 40.371 $\pm$ 0.774 χ^2 /NDF:840.8/6

Left: 36.995 $\pm$ 0.538 χ^2 /NDF: 2198.7/15

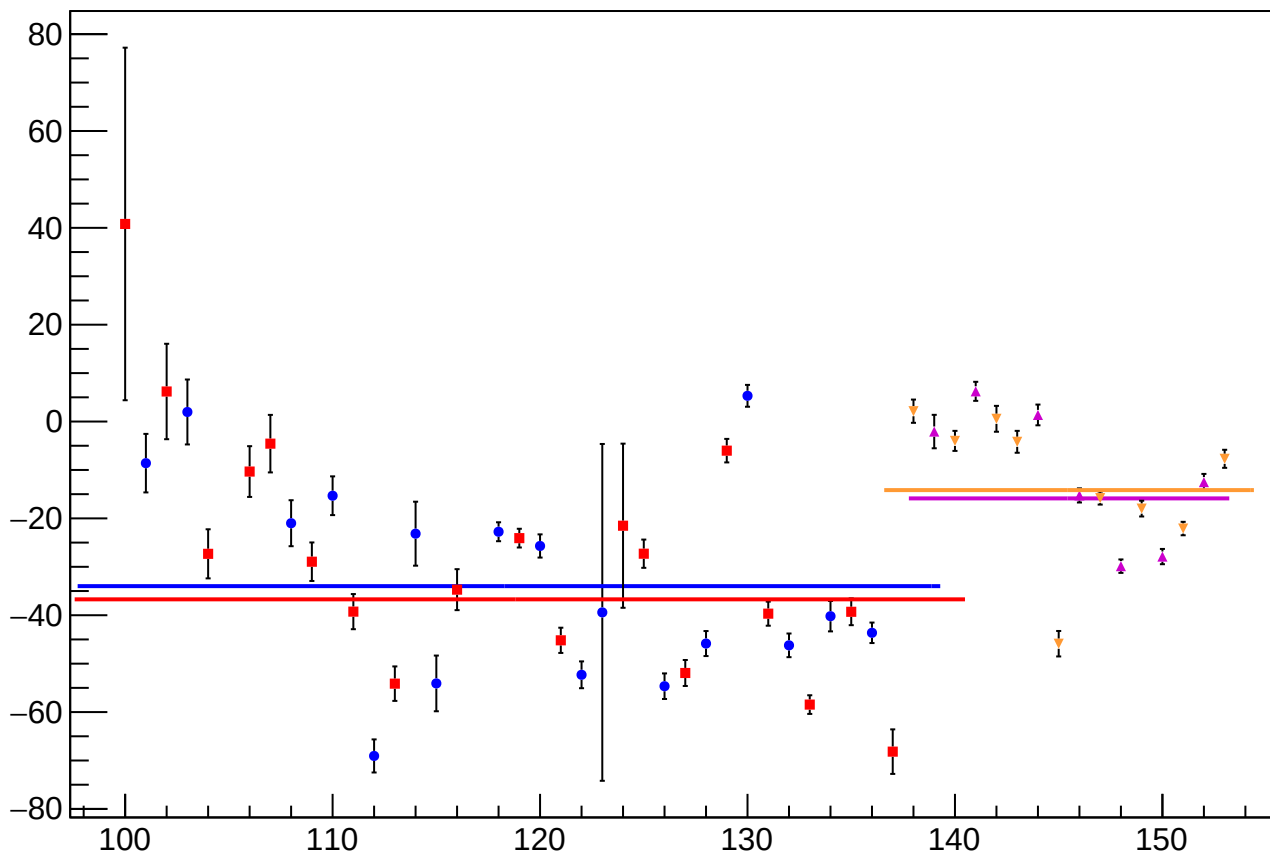
Right: 75.667 $\pm$ 0.866 χ^2 /NDF: 2751.5/35

In: 49.675 $\pm$ 0.655 χ^2 /NDF:2548.3/23

Out: 45.935 $\pm$ 0.638 χ^2 /NDF:3823.4/27

All: 47.756 $\pm$ 0.457 χ^2 /NDF: 6388.4/51

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -14.160 ± 0.617 χ^2/NDF : 317.2/8

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: -15.874 ± 0.659 χ^2/NDF : 371.1/6

Left: -14.959 ± 0.450 χ^2/NDF : 691.9/15

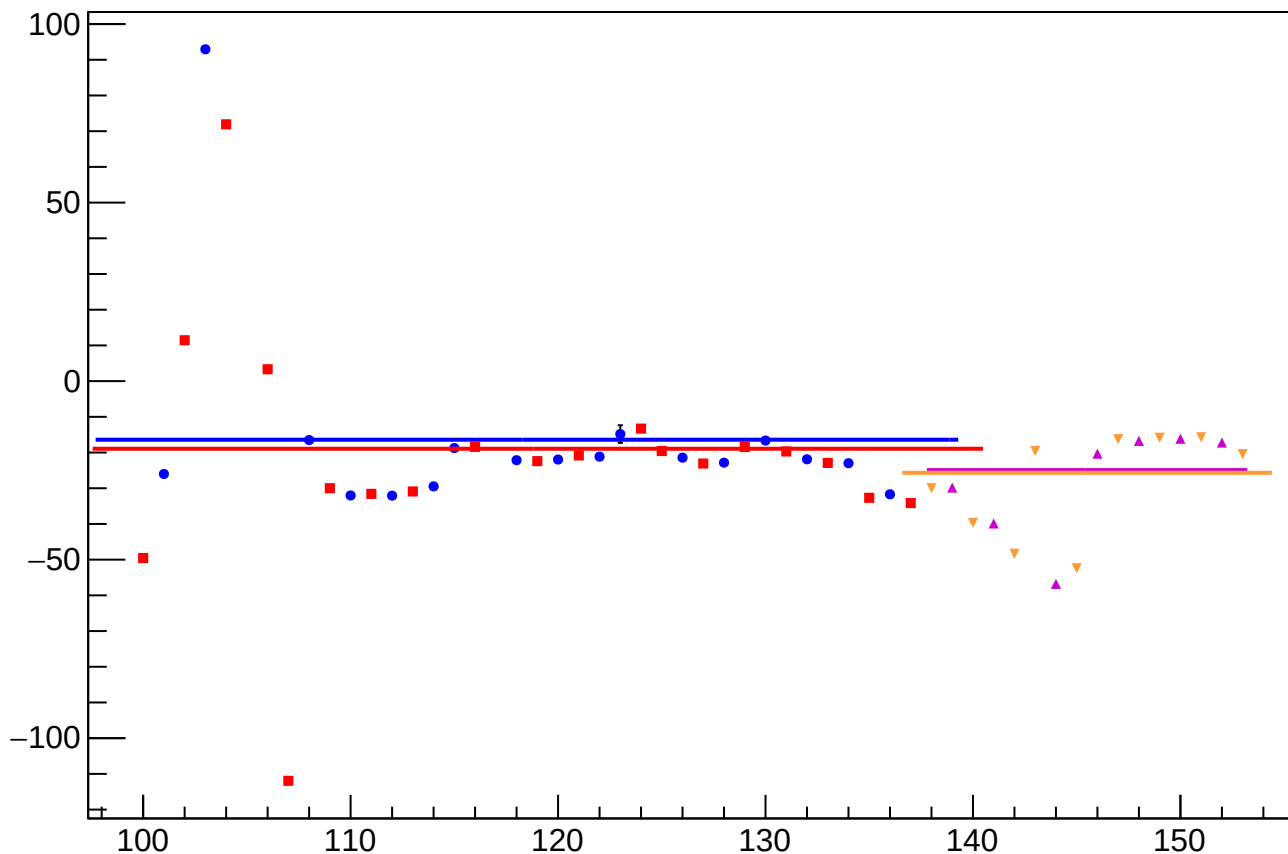
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -23.937 ± 0.491 χ^2/NDF : 1427.0/23

Out: -23.455 ± 0.473 χ^2/NDF : 1411.3/27

All: -23.687 ± 0.341 χ^2/NDF : 2838.8/51

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -25.667 ± 0.031 $\chi^2/\text{NDF}: 156736.4/8$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -24.913 ± 0.032 $\chi^2/\text{NDF}: 135305.8/6$

Left: -25.302 ± 0.022 $\chi^2/\text{NDF}: 292327.9/15$

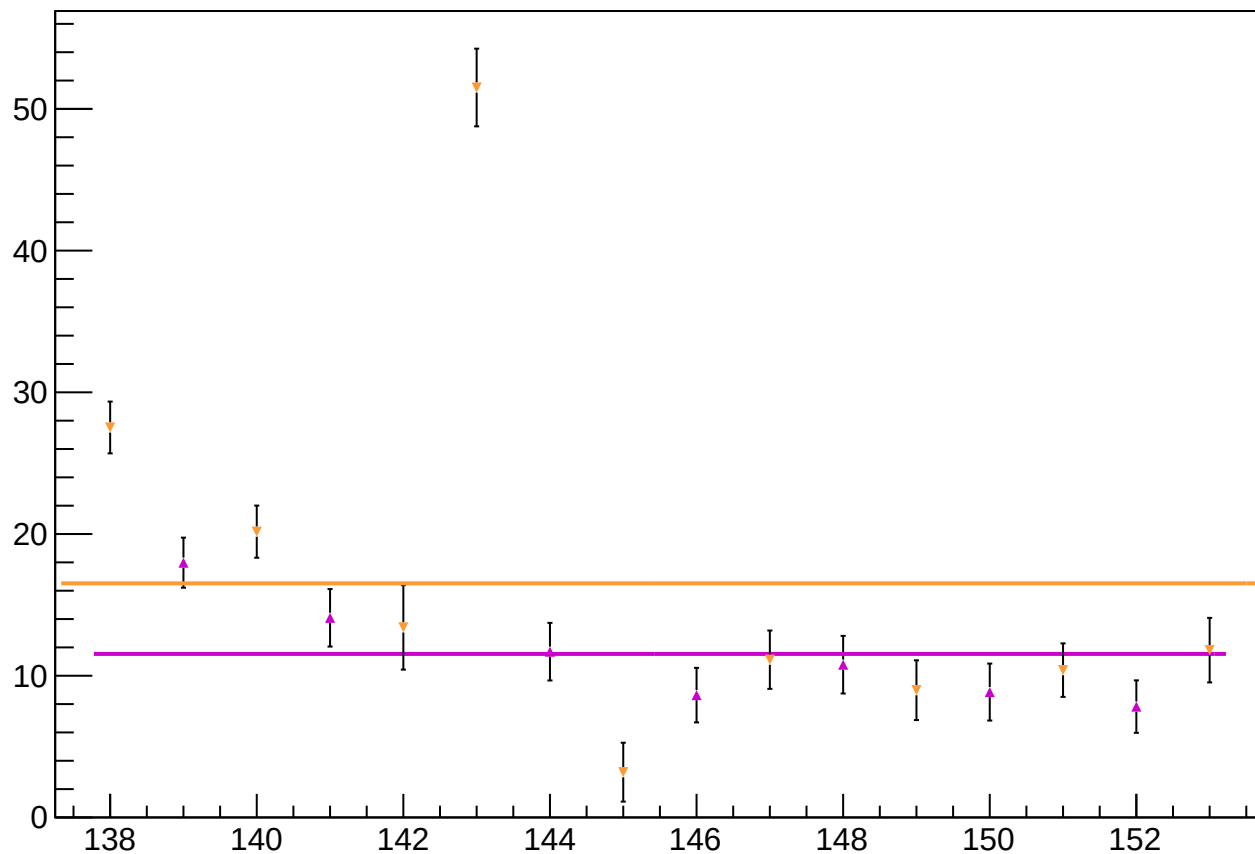
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -22.005 ± 0.026 $\chi^2/\text{NDF}: 633800.4/23$

Out: -23.515 ± 0.026 $\chi^2/\text{NDF}: 605957.5/27$

All: -22.772 ± 0.018 $\chi^2/\text{NDF}: 1241472.9/51$

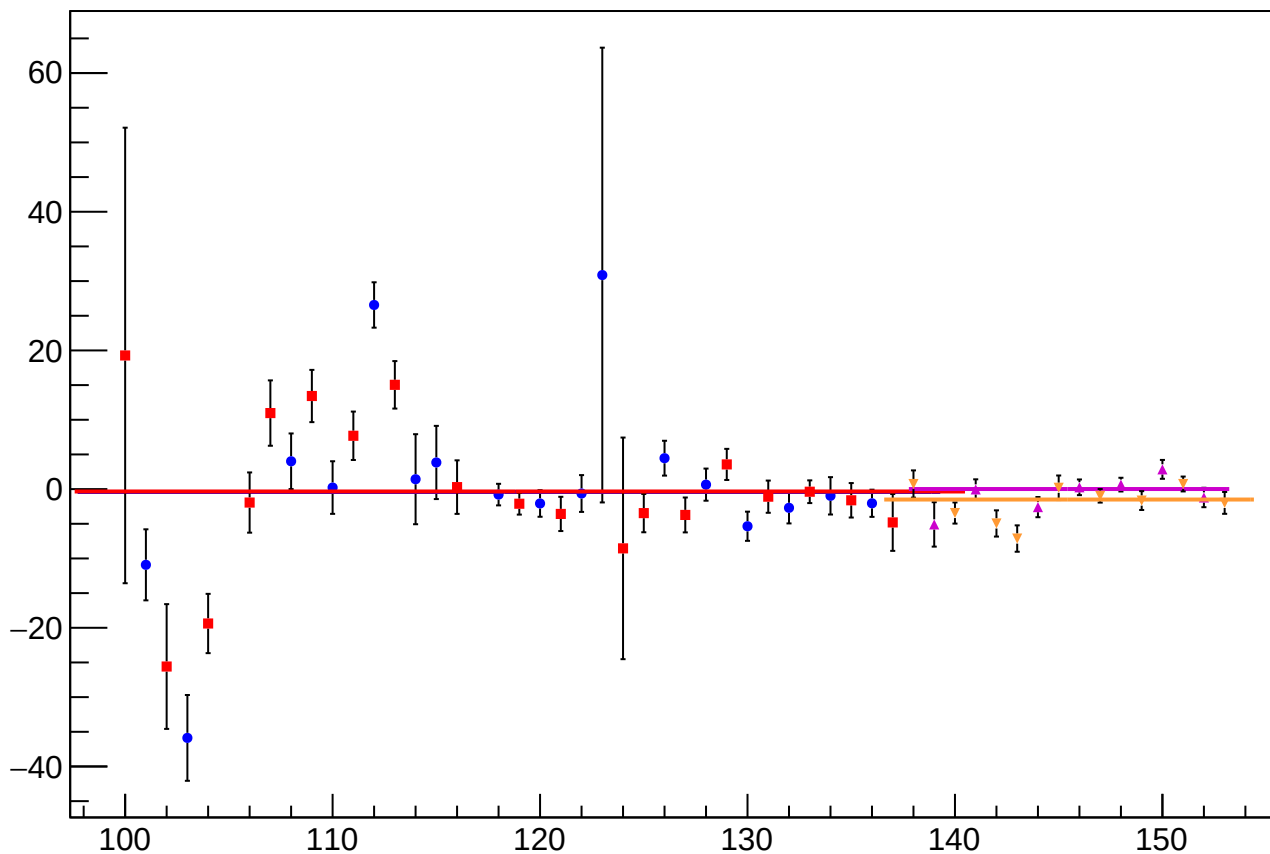
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.519+/-0.706 χ^2/NDF :279.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.540+/-0.734 χ^2/NDF :23.1/6

Left: 14.127+/-0.509 χ^2/NDF : 326.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.540+/-0.734 χ^2/NDF :23.1/6
 Out: 16.519+/-0.706 χ^2/NDF :279.7/8
 All: 14.127+/-0.509 χ^2/NDF : 326.7/15

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.503 ± 0.475 χ^2/NDF : 20.7/8

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: 0.012 ± 0.507 χ^2/NDF : 11.3/6

Left: -0.794 ± 0.347 χ^2/NDF : 36.8/15

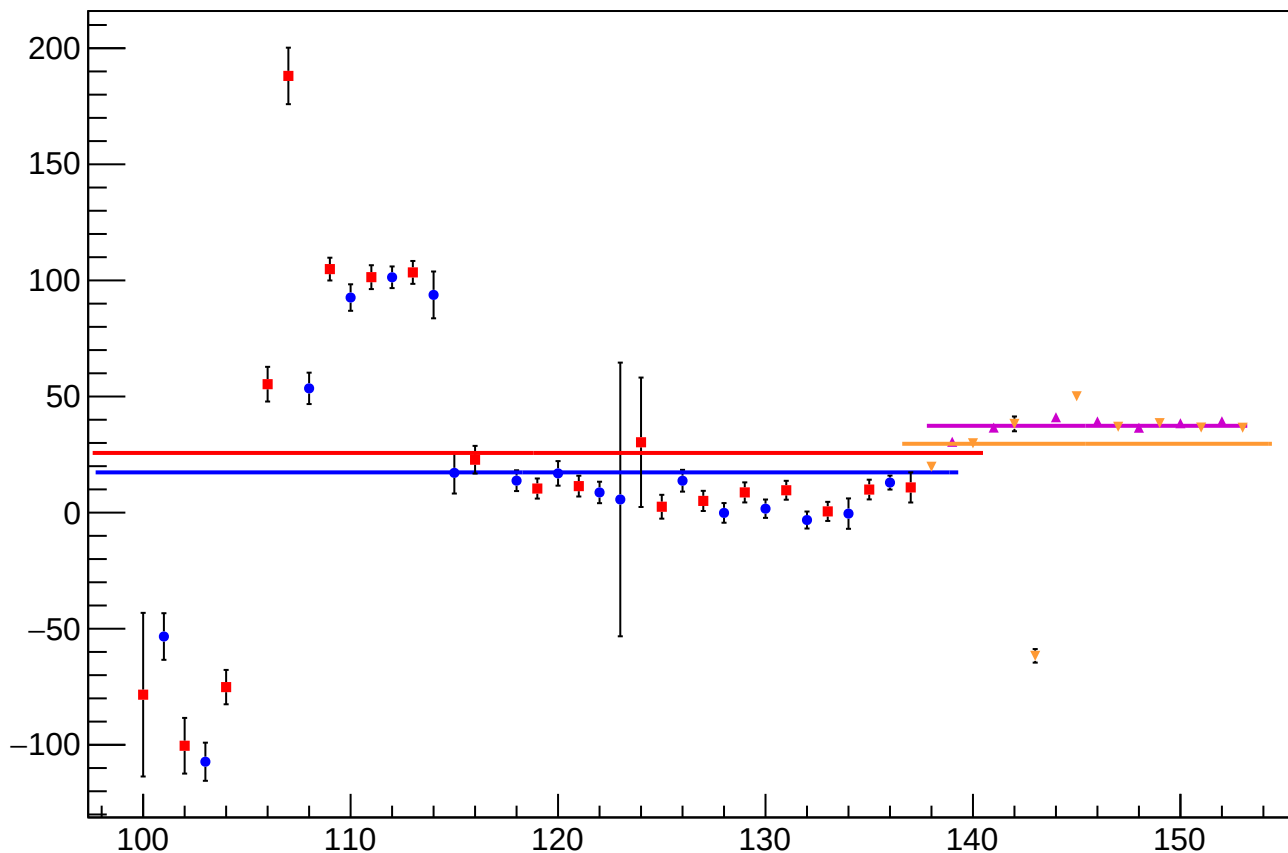
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.148 ± 0.400 χ^2/NDF : 131.5/23

Out: -1.105 ± 0.385 χ^2/NDF : 106.5/27

All: -0.645 ± 0.278 χ^2/NDF : 240.9/51

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328 ± 1.239 $\chi^2/\text{NDF}: 943.2/16$

Left Out: 29.643 ± 0.707 $\chi^2/\text{NDF}: 1154.8/8$

Right Out: 25.701 ± 1.243 $\chi^2/\text{NDF}: 1379.1/18$

Left In: 37.387 ± 0.731 $\chi^2/\text{NDF}: 18.7/6$

Left: 33.386 ± 0.508 $\chi^2/\text{NDF}: 1231.5/15$

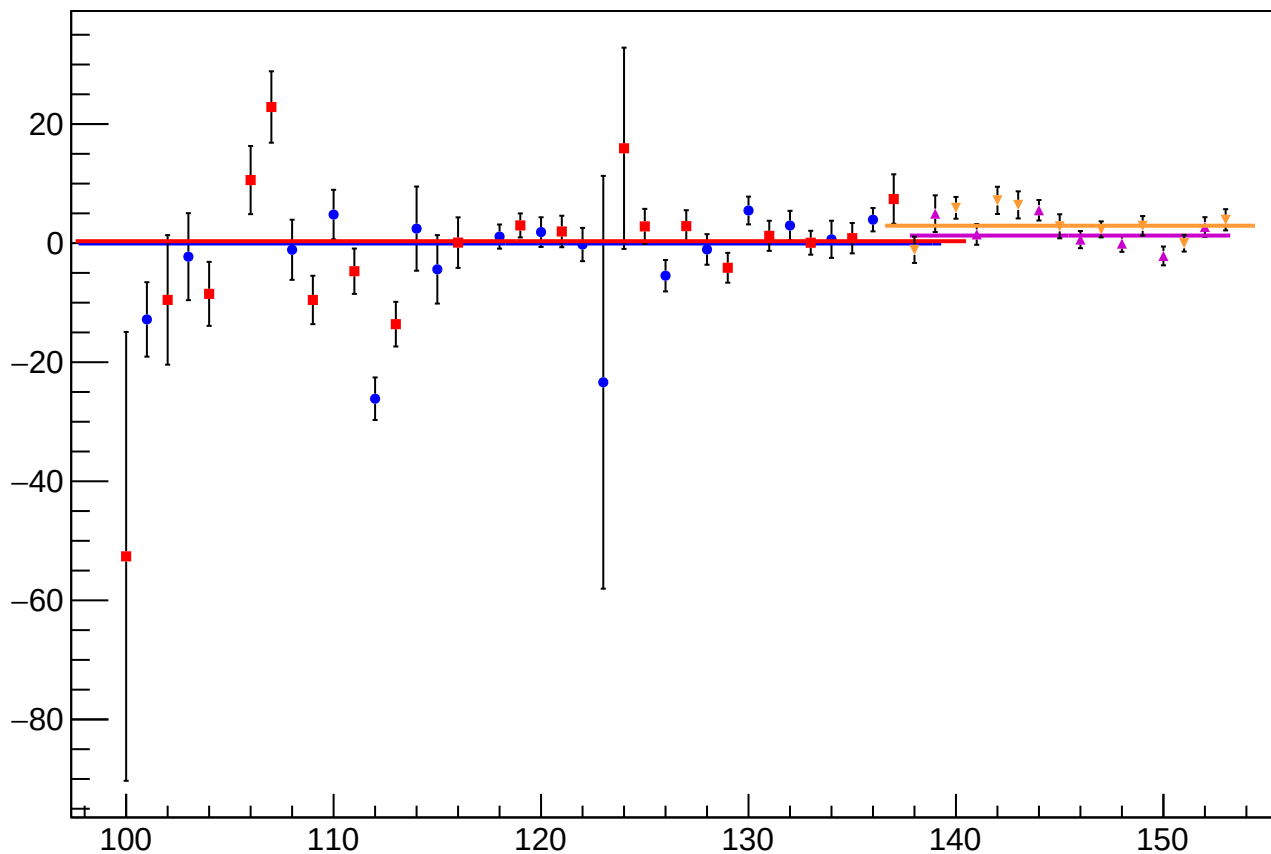
Right: 21.501 ± 0.877 $\chi^2/\text{NDF}: 2345.0/35$

In: 32.204 ± 0.630 $\chi^2/\text{NDF}: 1156.4/23$

Out: 28.678 ± 0.615 $\chi^2/\text{NDF}: 2541.5/27$

All: 30.399 ± 0.440 $\chi^2/\text{NDF}: 3713.9/51$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.926 ± 0.589 χ^2/NDF : 16.9/8

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

Left In: 1.272 ± 0.628 χ^2/NDF : 14.2/6

Left: 2.152 ± 0.429 χ^2/NDF : 34.7/15

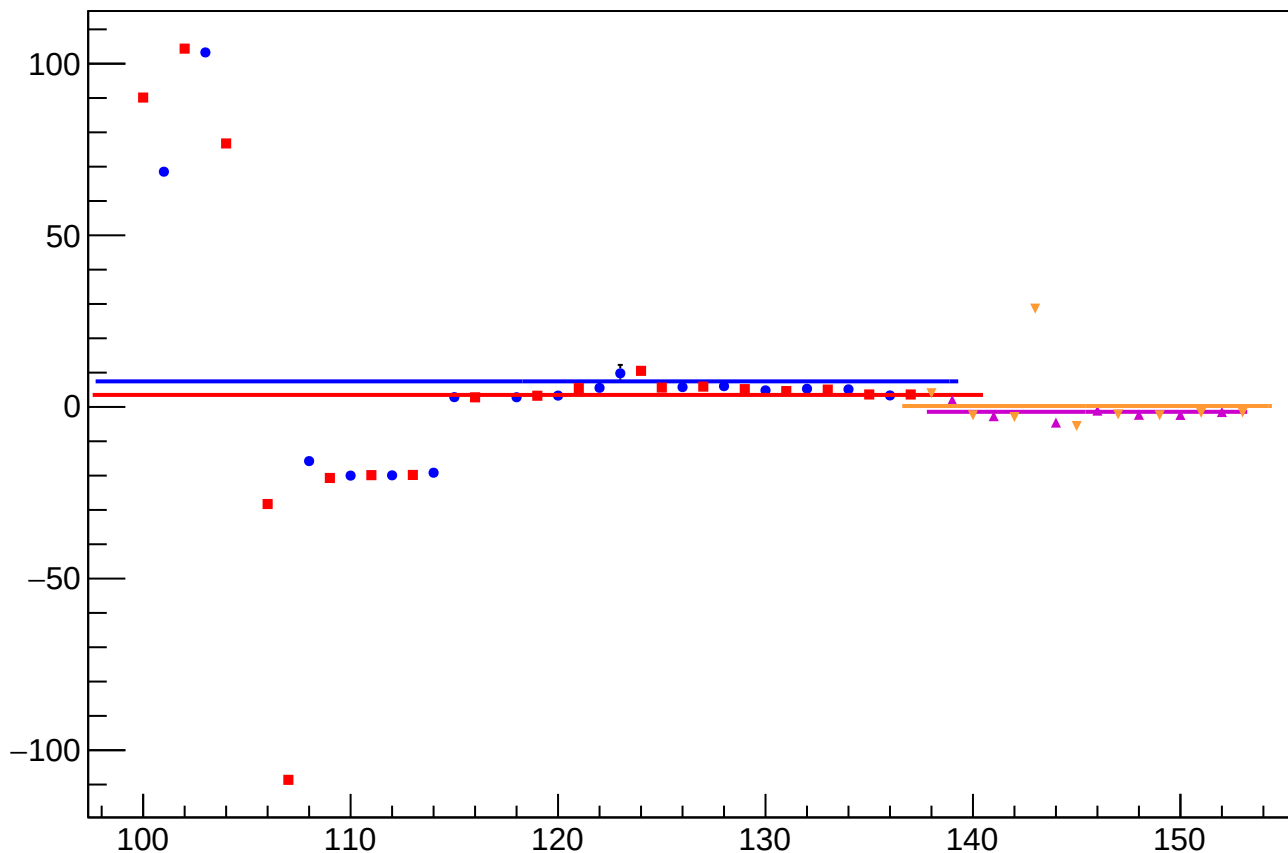
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 0.718 ± 0.480 χ^2/NDF : 92.6/23

Out: 1.934 ± 0.463 χ^2/NDF : 79.4/27

All: 1.348 ± 0.333 χ^2/NDF : 175.3/51

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: 0.277+/-0.029 χ^2/NDF : 70280.7/8

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: -1.419+/-0.030 χ^2/NDF : 4132.6/6

Left: -0.543+/-0.021 χ^2/NDF : 76050.1/15

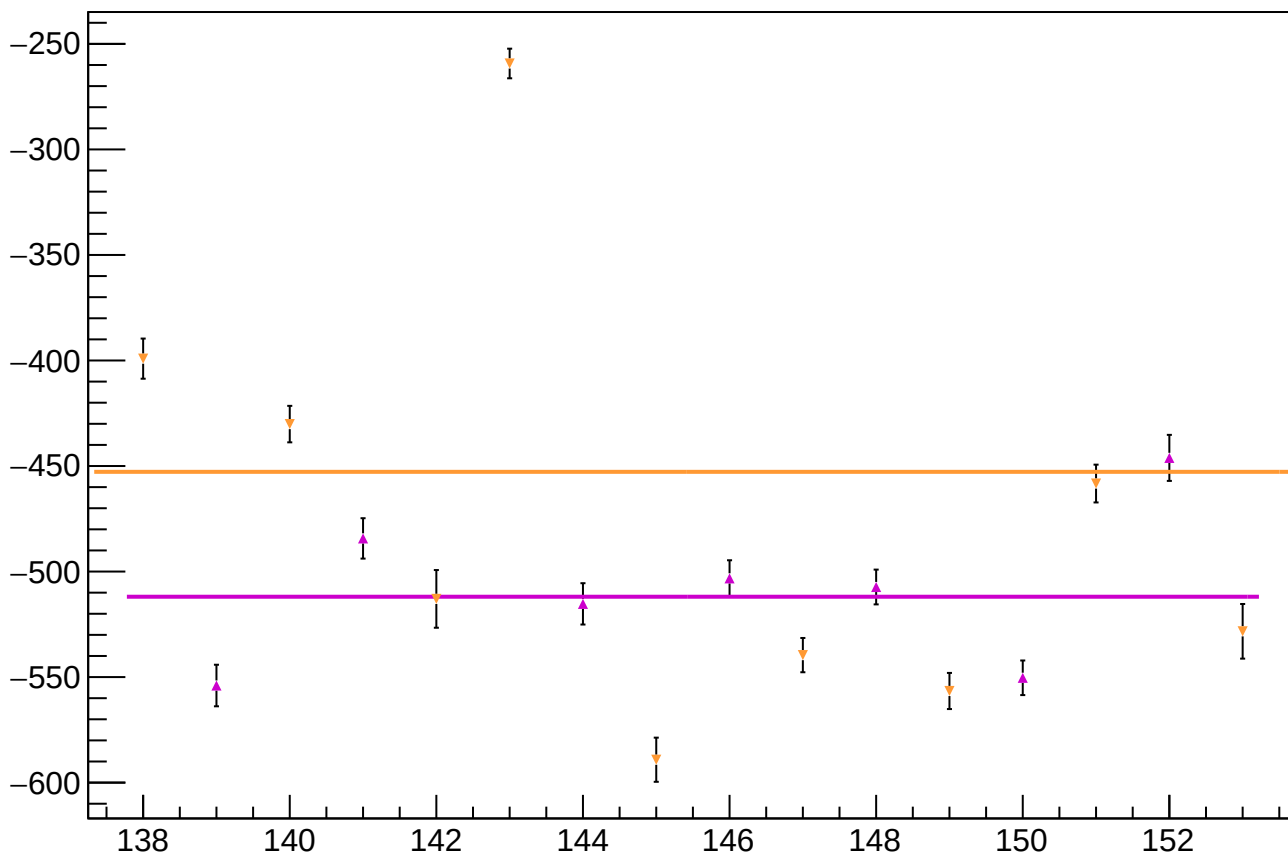
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 1.376+/-0.025 χ^2/NDF : 387518.9/23

Out: 1.214+/-0.025 χ^2/NDF : 584418.0/27

All: 1.293+/-0.017 χ^2/NDF : 971958.2/51

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: -452.754+/-3.064 χ^2/NDF :1284.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -511.928+/-3.465 χ^2/NDF :86.4/6

Left: -478.723+/-2.296 χ^2/NDF : 1534.1/15

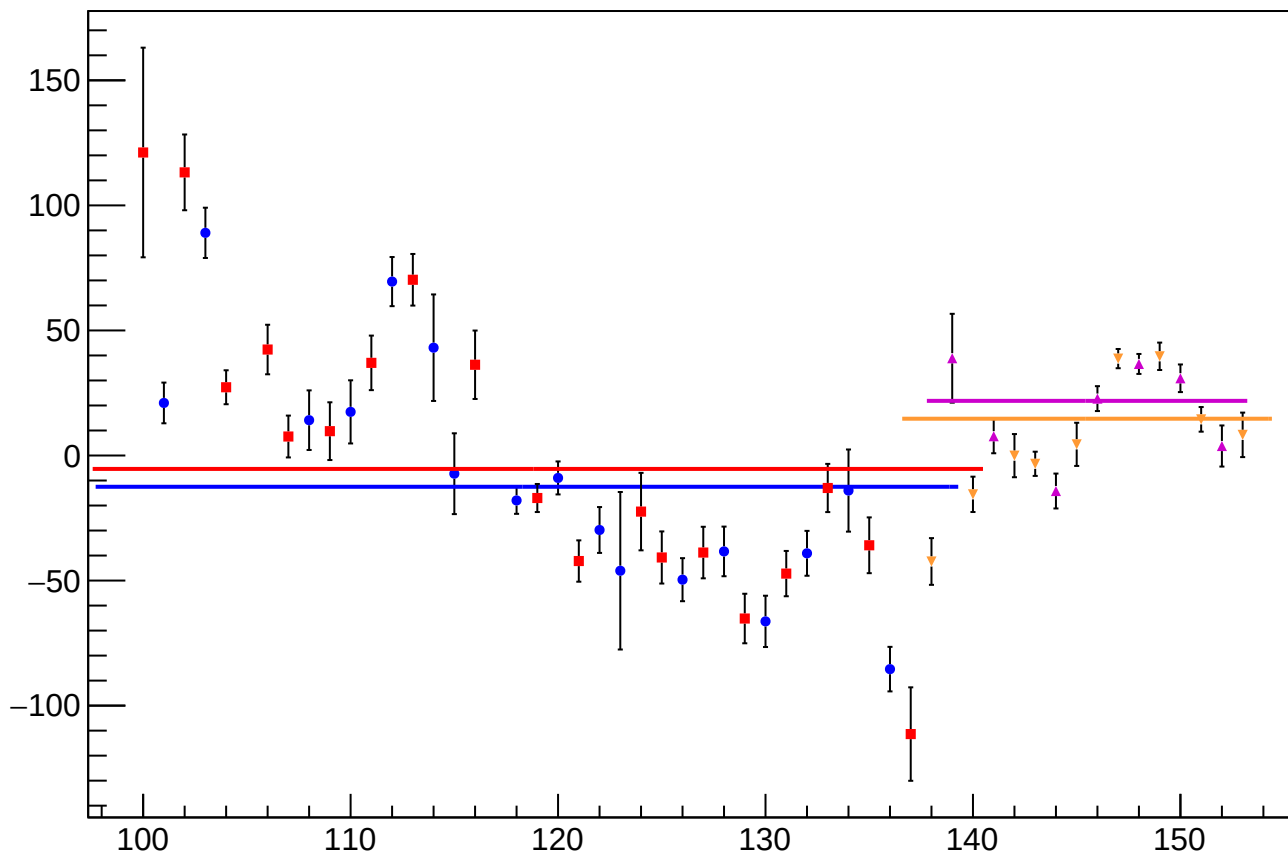
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.928+/-3.465 χ^2/NDF :86.4/6

Out: -452.754+/-3.064 χ^2/NDF :1284.0/8

All: -478.723+/-2.296 χ^2/NDF : 1534.1/15

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 14.710 ± 1.977 χ^2/NDF : 134.2/8

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

Left In: 21.849 ± 2.259 χ^2/NDF : 53.1/6

Left: 17.808 ± 1.488 χ^2/NDF : 193.0/15

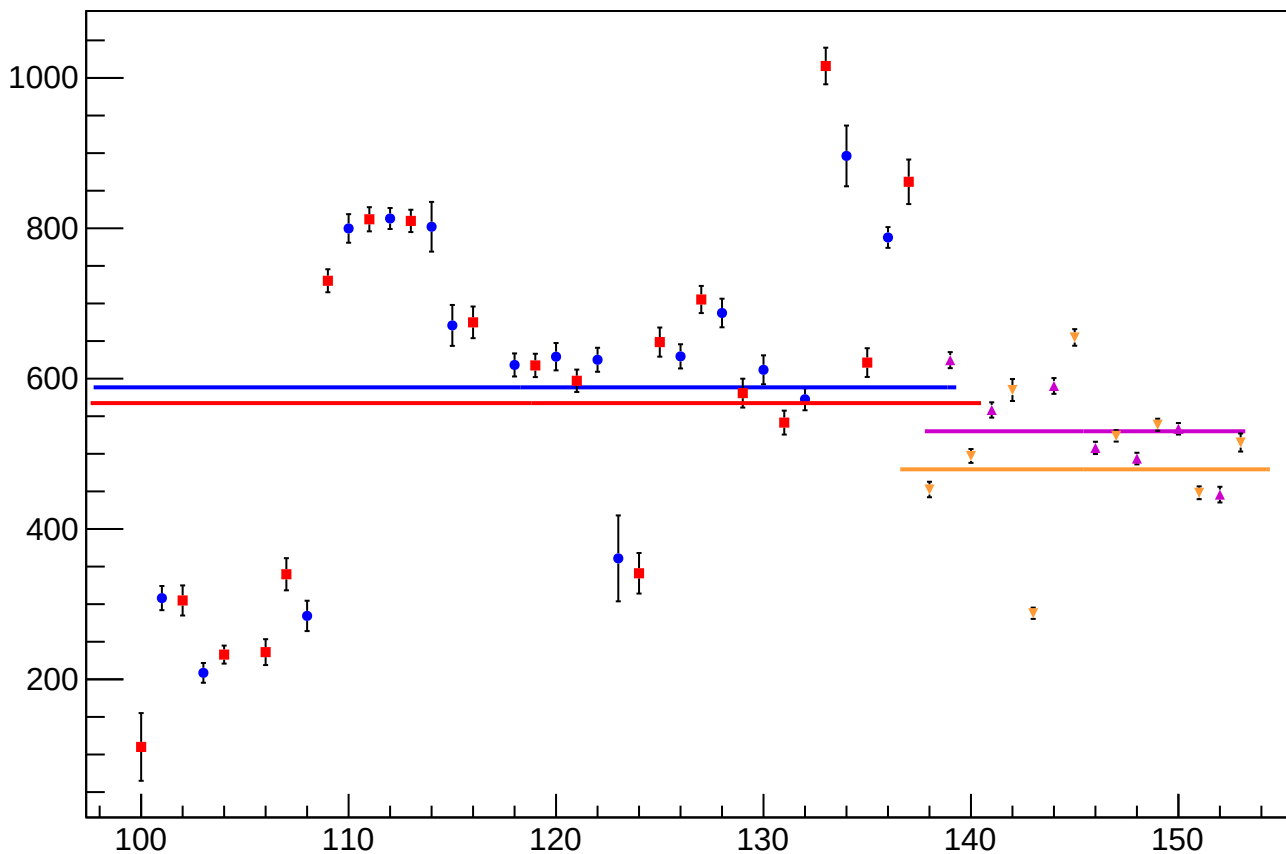
Right: -8.858 ± 1.617 χ^2/NDF : 690.5/35

In: 5.069 ± 1.615 χ^2/NDF : 507.2/23

Out: 6.026 ± 1.489 χ^2/NDF : 523.3/27

All: 5.586 ± 1.095 χ^2/NDF : 1030.8/51

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421 ± 4.320 $\chi^2/\text{NDF}: 2130.2/16$

Left Out: 479.368 ± 3.077 $\chi^2/\text{NDF}: 1080.9/8$

Right Out: 567.451 ± 4.137 $\chi^2/\text{NDF}: 2784.8/18$

Left In: 529.998 ± 3.421 $\chi^2/\text{NDF}: 214.2/6$

Left: 502.006 ± 2.288 $\chi^2/\text{NDF}: 1416.2/15$

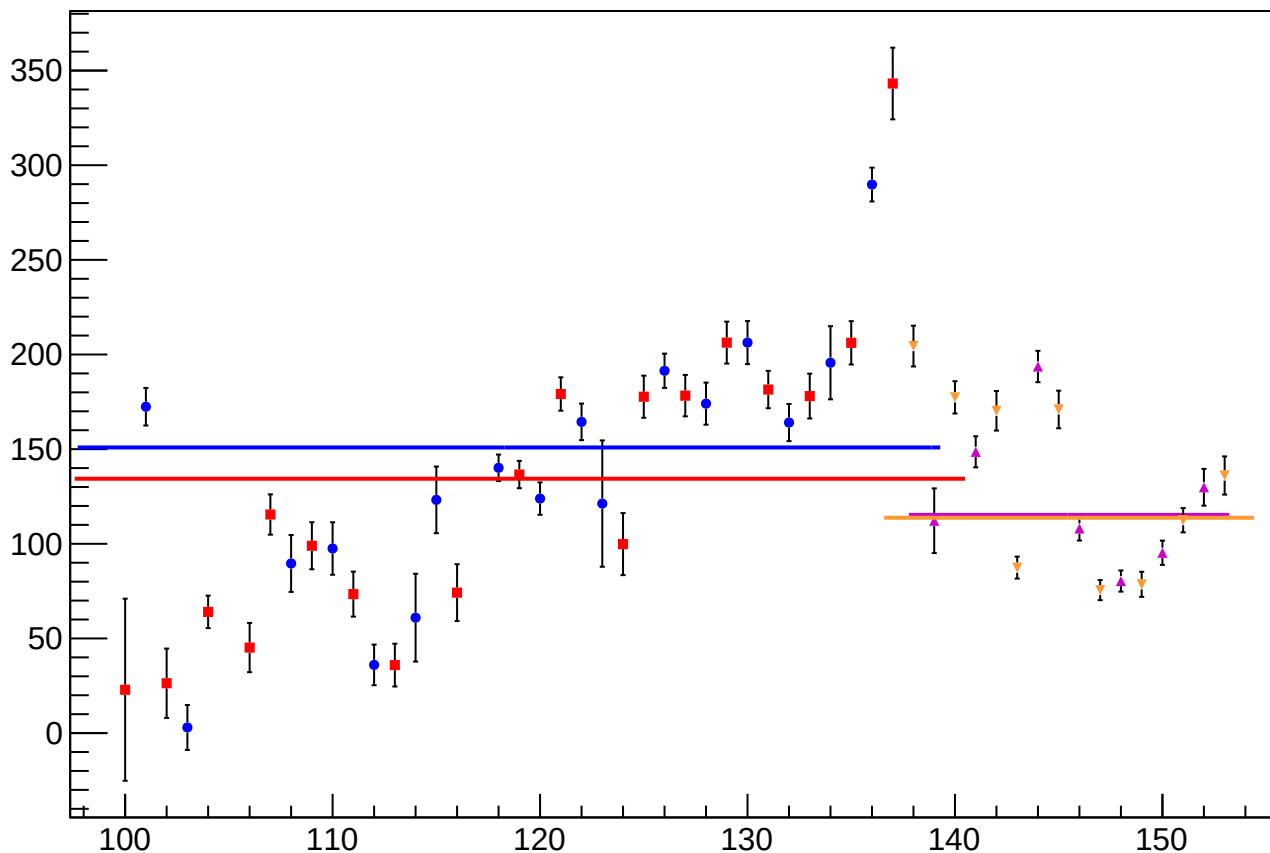
Right: 577.481 ± 2.988 $\chi^2/\text{NDF}: 4927.3/35$

In: 552.514 ± 2.682 $\chi^2/\text{NDF}: 2456.8/23$

Out: 510.738 ± 2.469 $\chi^2/\text{NDF}: 4157.6/27$

All: 529.899 ± 1.816 $\chi^2/\text{NDF}: 6745.7/51$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 113.753 $\pm$ 2.471 χ^2 /NDF:294.4/8

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

Left In: 115.263 $\pm$ 2.834 χ^2 /NDF:158.7/6

Left: 114.405 $\pm$ 1.863 χ^2 /NDF: 453.2/15

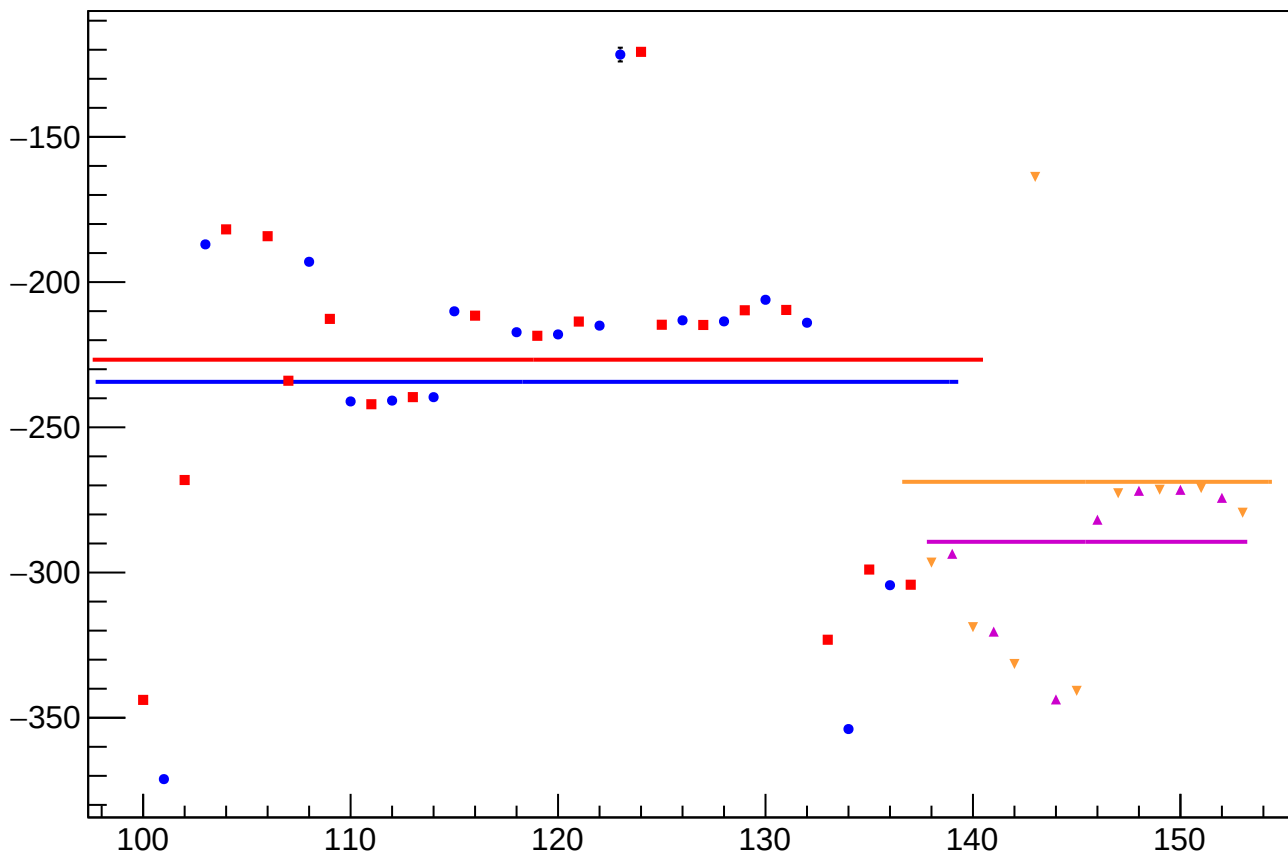
Right: 142.467 $\pm$ 1.871 χ^2 /NDF: 1239.2/35

In: 134.110 $\pm$ 1.945 χ^2 /NDF:877.1/23

Out: 123.467 $\pm$ 1.798 χ^2 /NDF:912.1/27

All: 128.371 $\pm$ 1.320 χ^2 /NDF: 1805.3/51

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -268.763+/-0.129 χ^2/NDF :181599.8/8

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: -289.418+/-0.143 χ^2/NDF :27350.5/6

Left: -278.033+/-0.096 χ^2/NDF : 220468.5/15

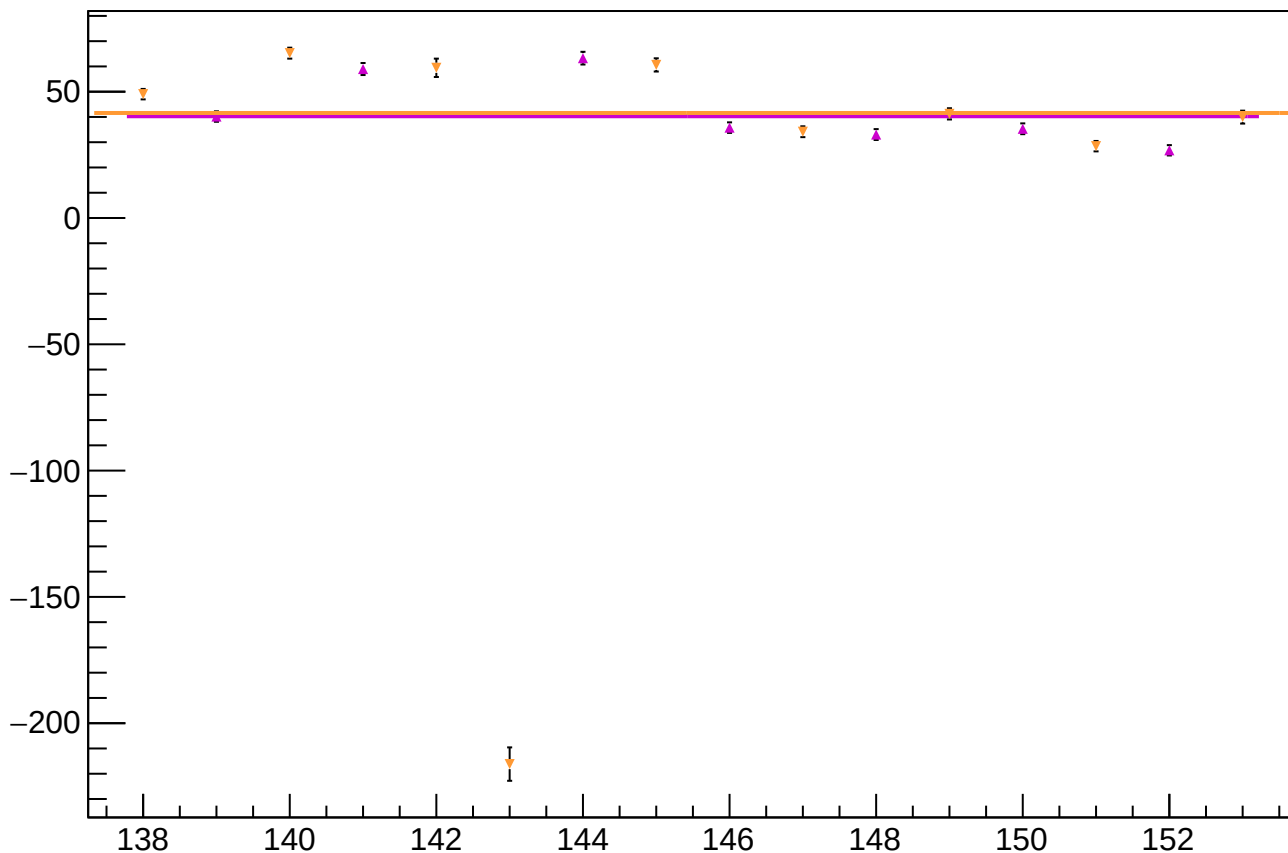
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -262.905+/-0.103 χ^2/NDF :244042.4/23

Out: -249.665+/-0.095 χ^2/NDF :329351.7/27

All: -255.774+/-0.070 χ^2/NDF : 582311.0/51

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.575+/-0.817 χ^2/NDF :1781.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.281+/-0.824 χ^2/NDF :210.2/6

Left: 40.933+/-0.580 χ^2/NDF : 1992.8/15

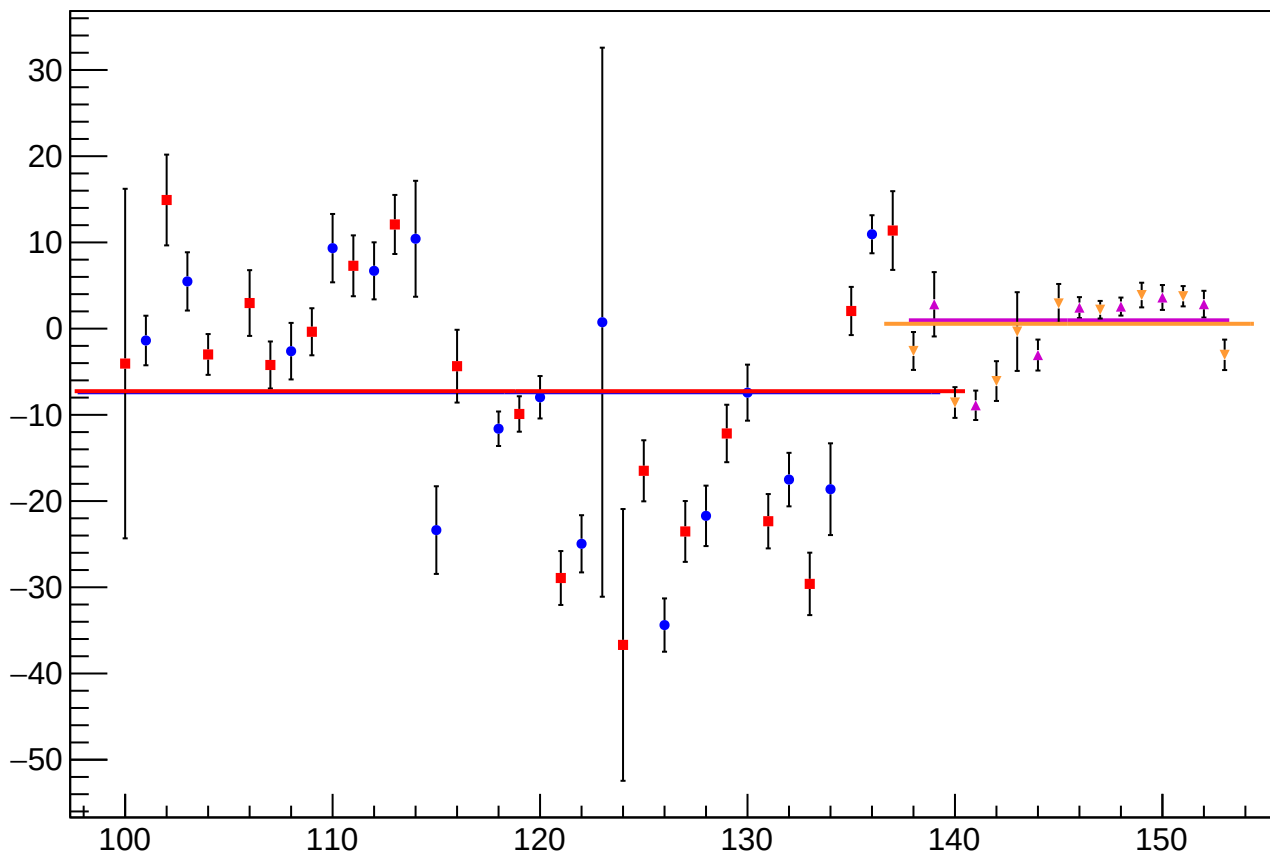
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.281+/-0.824 χ^2/NDF :210.2/6

Out: 41.575+/-0.817 χ^2/NDF :1781.4/8

All: 40.933+/-0.580 χ^2/NDF : 1992.8/15

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.561 ± 0.539 χ^2/NDF : 57.2/8

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: 0.964 ± 0.558 χ^2/NDF : 47.3/6

Left: 0.755 ± 0.387 χ^2/NDF : 104.8/15

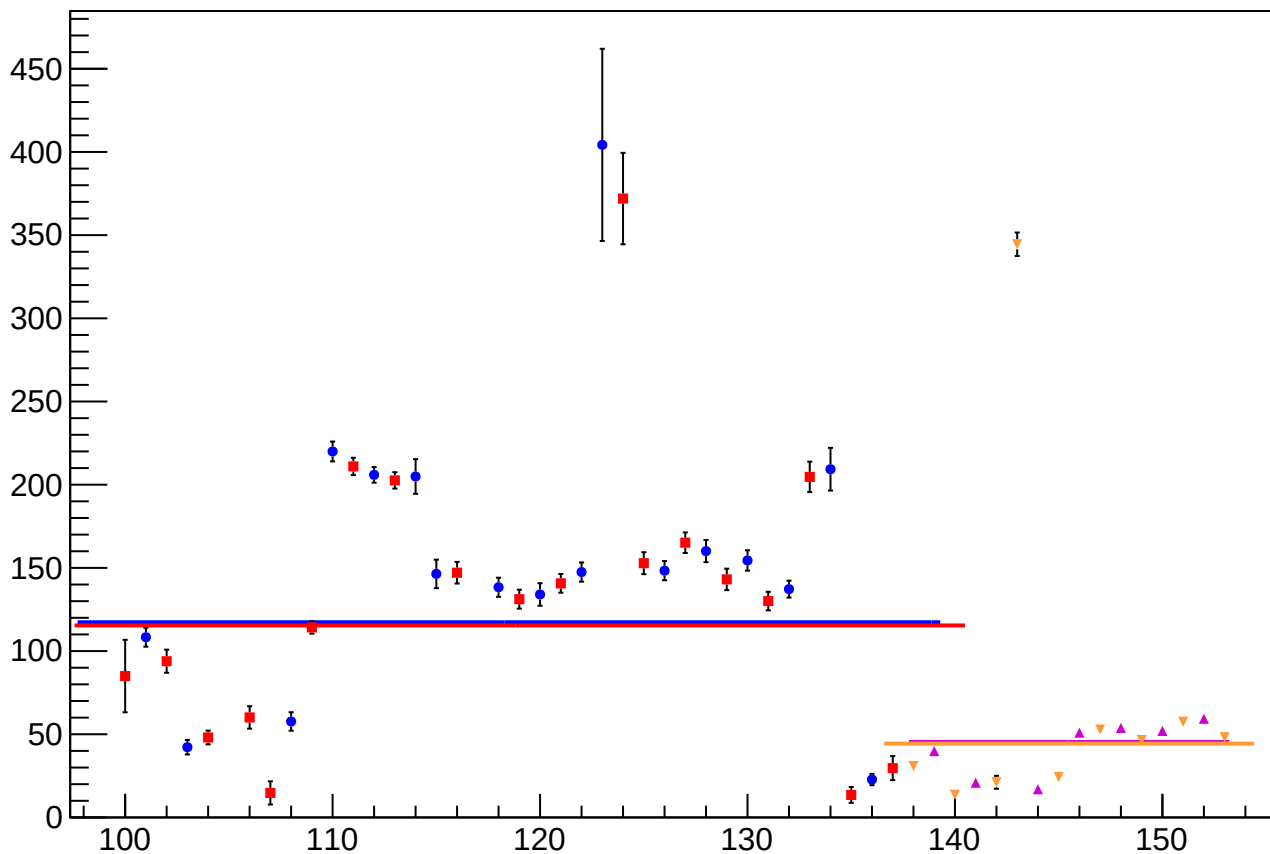
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -1.867 ± 0.453 χ^2/NDF : 406.8/23

Out: -2.044 ± 0.440 χ^2/NDF : 384.7/27

All: -1.958 ± 0.316 χ^2/NDF : 791.6/51

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.372 $\pm$ 0.811 χ^2 /NDF:2178.5/8

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 45.334 $\pm$ 0.816 χ^2 /NDF:298.3/6

Left: 44.850 $\pm$ 0.575 χ^2 /NDF: 2477.5/15

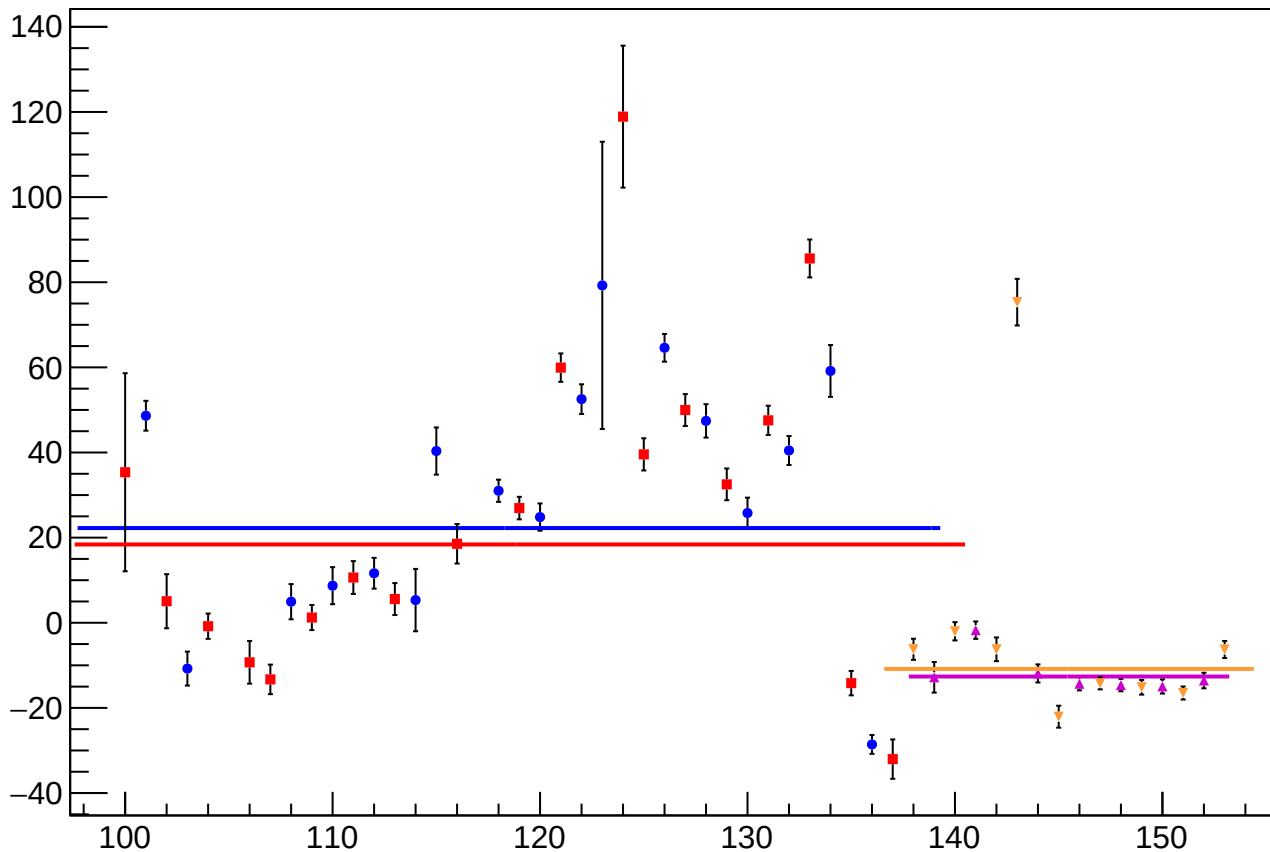
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 63.411 $\pm$ 0.706 χ^2 /NDF:4414.3/23

Out: 62.997 $\pm$ 0.697 χ^2 /NDF:6340.0/27

All: 63.201 $\pm$ 0.496 χ^2 /NDF: 10754.5/51

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2/NDF : 1071.4/16

Left Out: -10.841+/-0.672 χ^2/NDF : 320.7/8

Right Out: 18.395+/-0.872 χ^2/NDF : 1077.1/18

Left In: -12.628+/-0.695 χ^2/NDF : 33.7/6

Left: -11.705+/-0.483 χ^2/NDF : 357.9/15

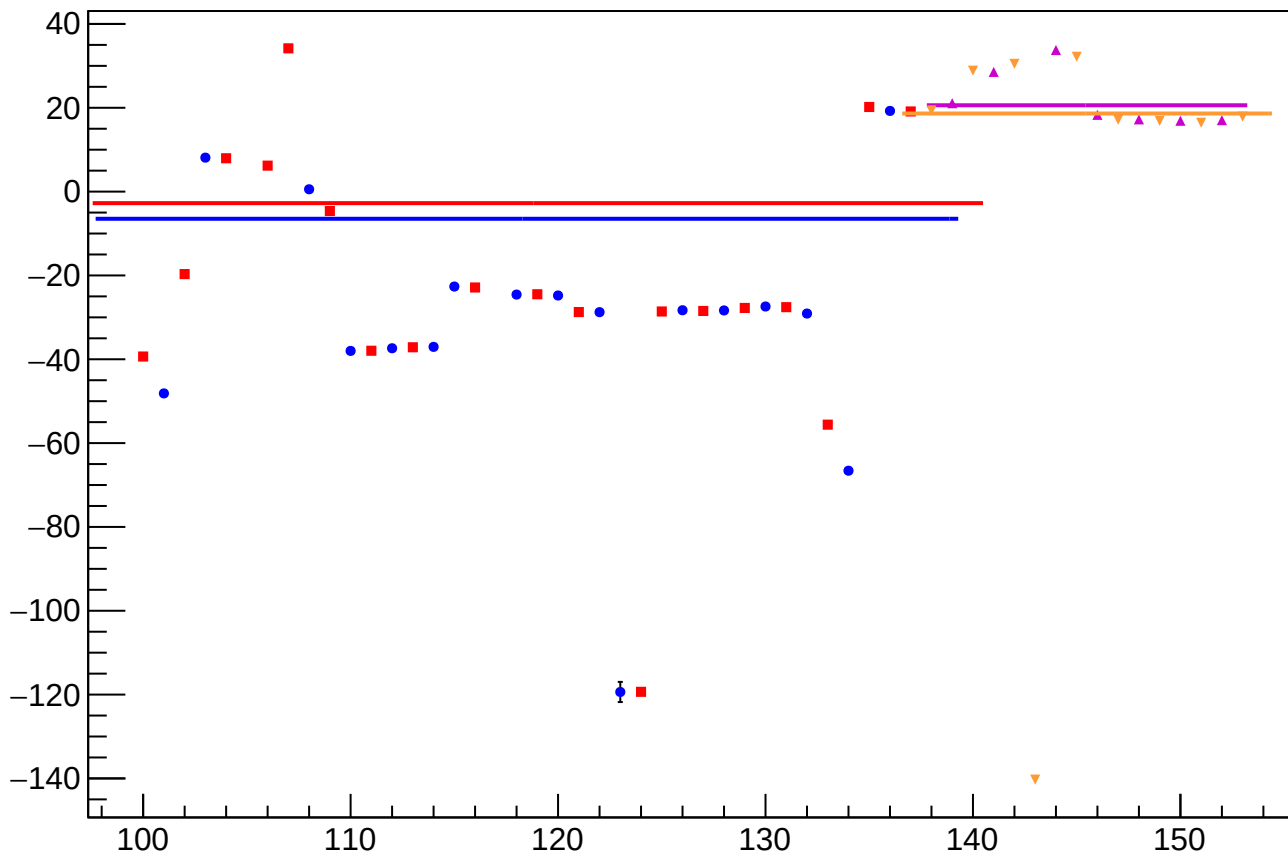
Right: 20.284+/-0.622 χ^2/NDF : 2158.2/35

In: 0.591+/-0.547 χ^2/NDF : 2060.7/23

Out: 0.064+/-0.532 χ^2/NDF : 2103.0/27

All: 0.320+/-0.382 χ^2/NDF : 4164.2/51

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF : 265804.1/16

Left Out: 18.633+/-0.034 χ^2/NDF :348553.3/8

Right Out: -2.751+/-0.046 χ^2/NDF : 266291.4/18

Left In: 20.601+/-0.034 χ^2/NDF :24732.2/6

Left: 19.615+/-0.024 χ^2/NDF : 374991.4/15

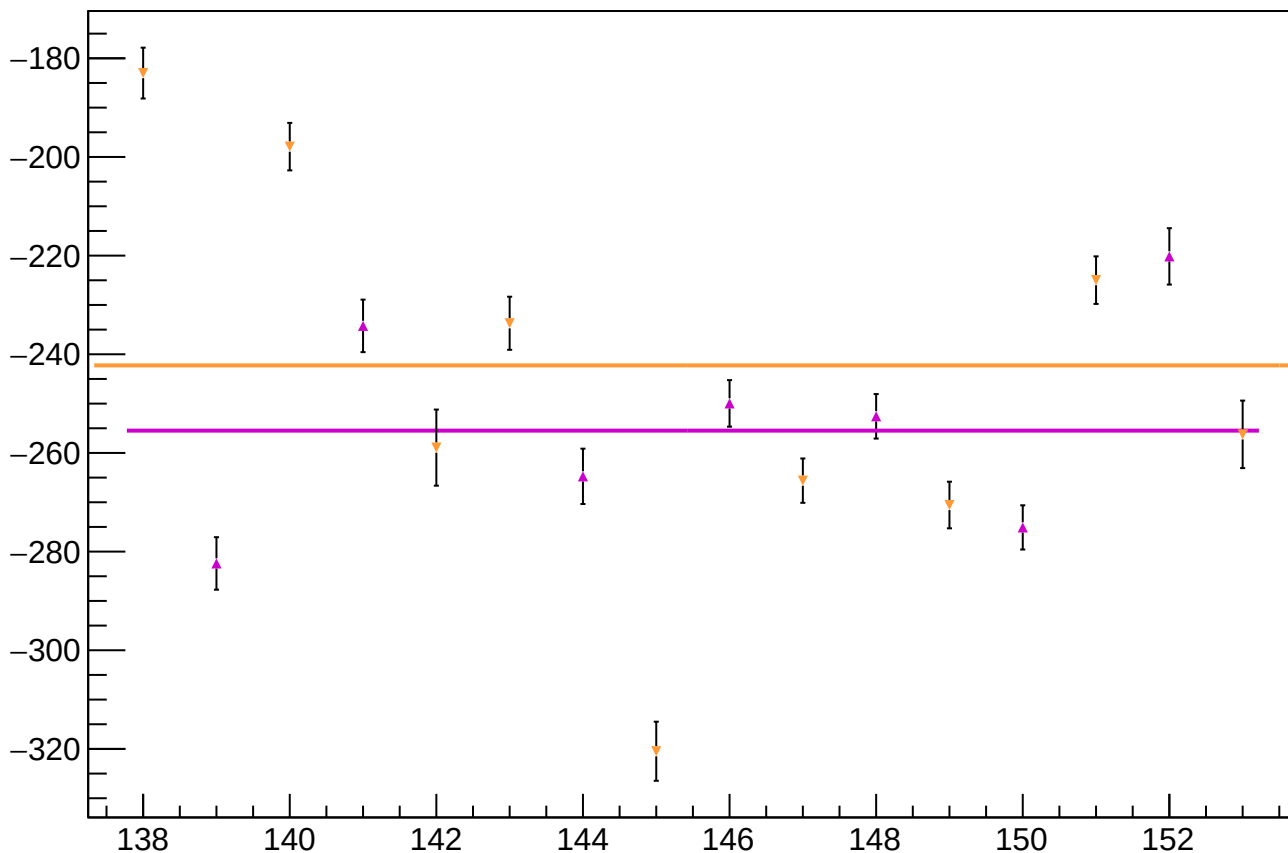
Right: -4.597+/-0.032 χ^2/NDF : 535394.7/35

In: 11.181+/-0.027 χ^2/NDF :515015.8/23

Out: 11.108+/-0.027 χ^2/NDF :756874.2/27

All: 11.144+/-0.019 χ^2/NDF : 1271893.7/51

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: -242.250+/-1.772 χ^2/NDF :474.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.477+/-1.901 χ^2/NDF :103.4/6

Left: -248.400+/-1.296 χ^2/NDF : 604.0/15

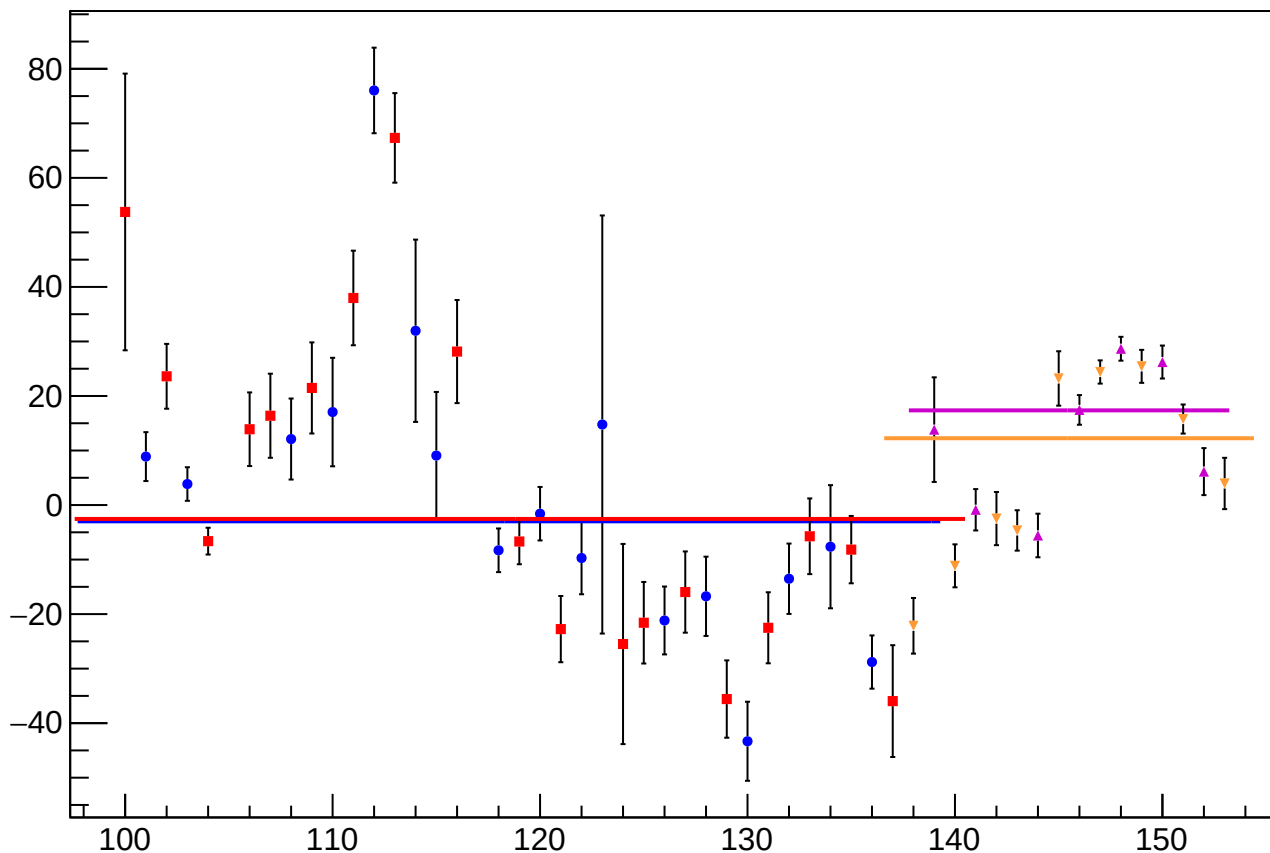
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.477+/-1.901 χ^2/NDF :103.4/6

Out: -242.250+/-1.772 χ^2/NDF :474.6/8

All: -248.400+/-1.296 χ^2/NDF : 604.0/15

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 12.251 ± 1.137 χ^2/NDF : 171.9/8

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 17.361 ± 1.240 χ^2/NDF : 98.3/6

Left: 14.586 ± 0.838 χ^2/NDF : 279.4/15

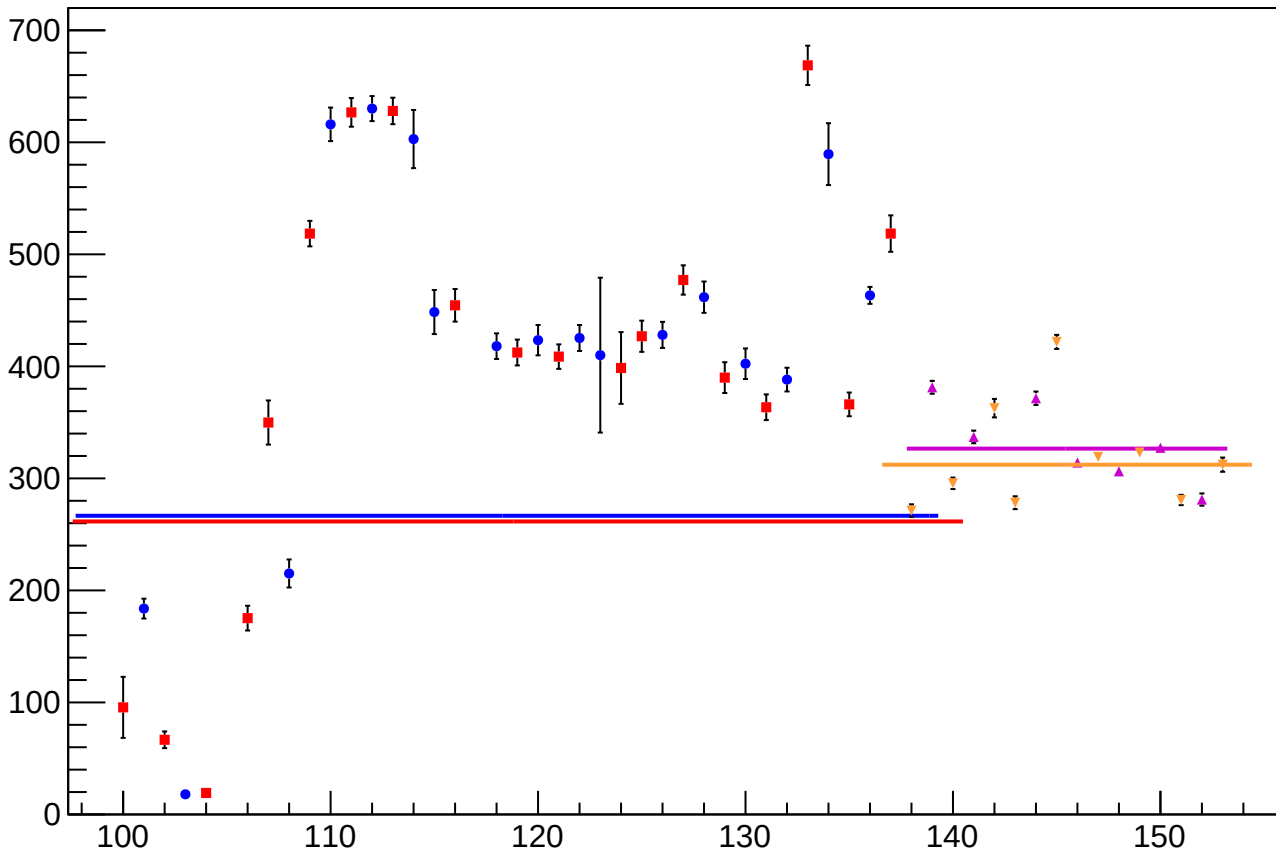
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: 8.774 ± 0.942 χ^2/NDF : 415.9/23

Out: 6.362 ± 0.882 χ^2/NDF : 457.4/27

All: 7.489 ± 0.644 χ^2/NDF : 876.8/51

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 312.208 $\pm$ 1.766 χ^2 /NDF:495.5/8

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 326.572 $\pm$ 1.874 χ^2 /NDF:249.5/6

Left: 318.964 $\pm$ 1.286 χ^2 /NDF: 776.1/15

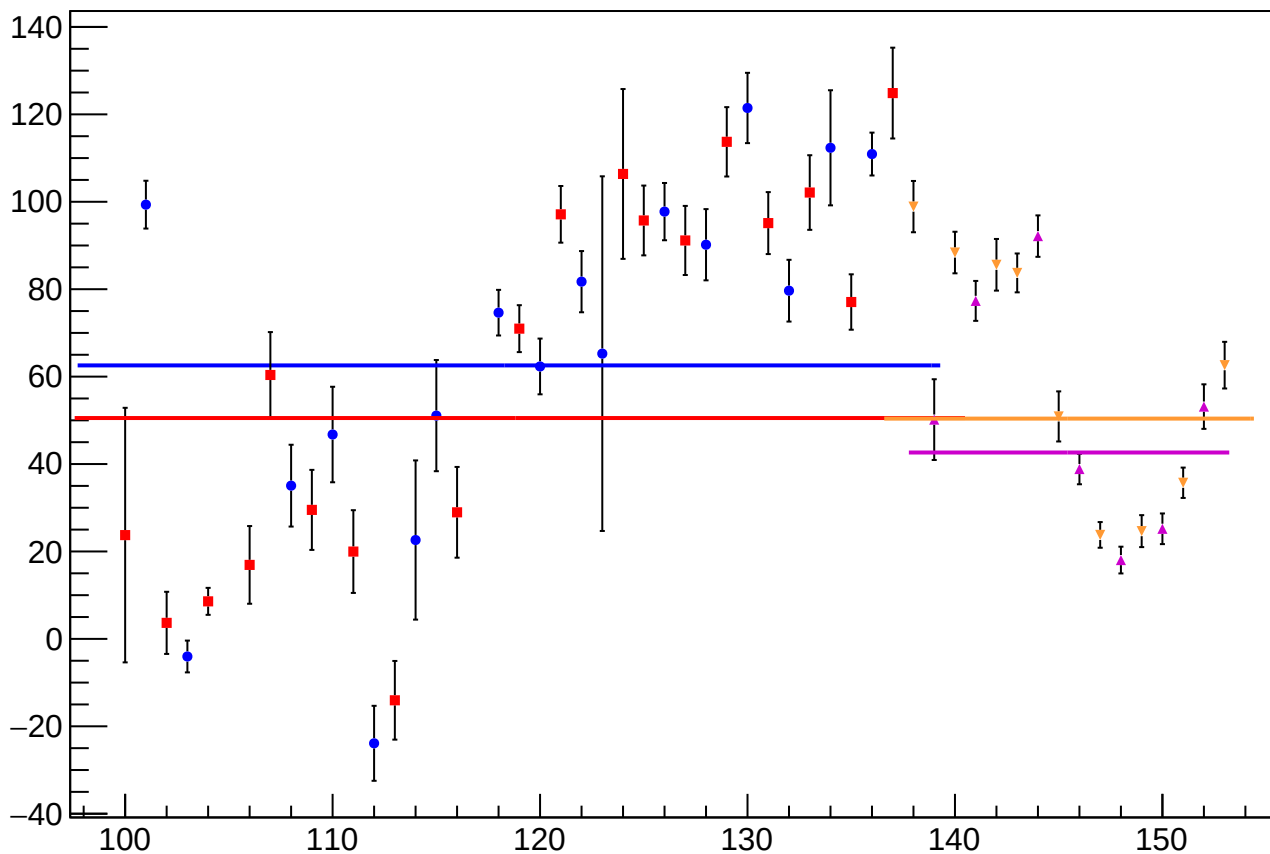
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 304.744 $\pm$ 1.495 χ^2 /NDF:8284.5/23

Out: 294.953 $\pm$ 1.434 χ^2 /NDF:8983.8/27

All: 299.647 $\pm$ 1.035 χ^2 /NDF: 17290.7/51

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 50.396 $\pm$ 1.426 χ^2 /NDF: 378.5/8

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

Left In: 42.639 $\pm$ 1.556 χ^2 /NDF: 262.3/6

Left: 46.855 $\pm$ 1.051 χ^2 /NDF: 654.2/15

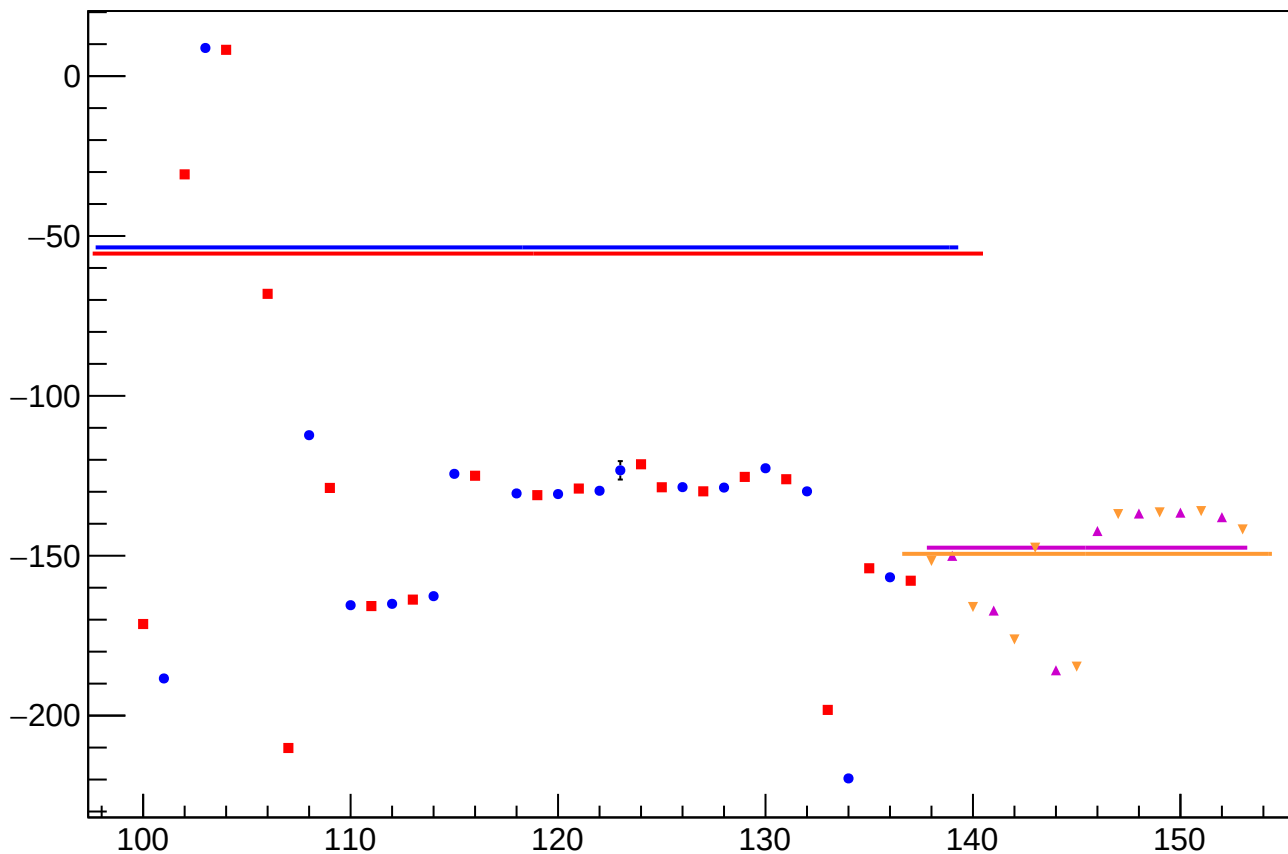
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 51.851 $\pm$ 1.141 χ^2 /NDF: 1060.5/23

Out: 50.452 $\pm$ 1.077 χ^2 /NDF: 1035.5/27

All: 51.111 $\pm$ 0.783 χ^2 /NDF: 2096.8/51

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Left Out: -149.409 $\pm$ 0.074 χ^2 /NDF: 46470.8/8

Right Out: -55.502 $\pm$ 0.072 χ^2 /NDF: 969632.0/18

Left In: -147.485 $\pm$ 0.078 χ^2 /NDF: 38604.9/6

Left: -148.497 $\pm$ 0.054 χ^2 /NDF: 85394.1/15

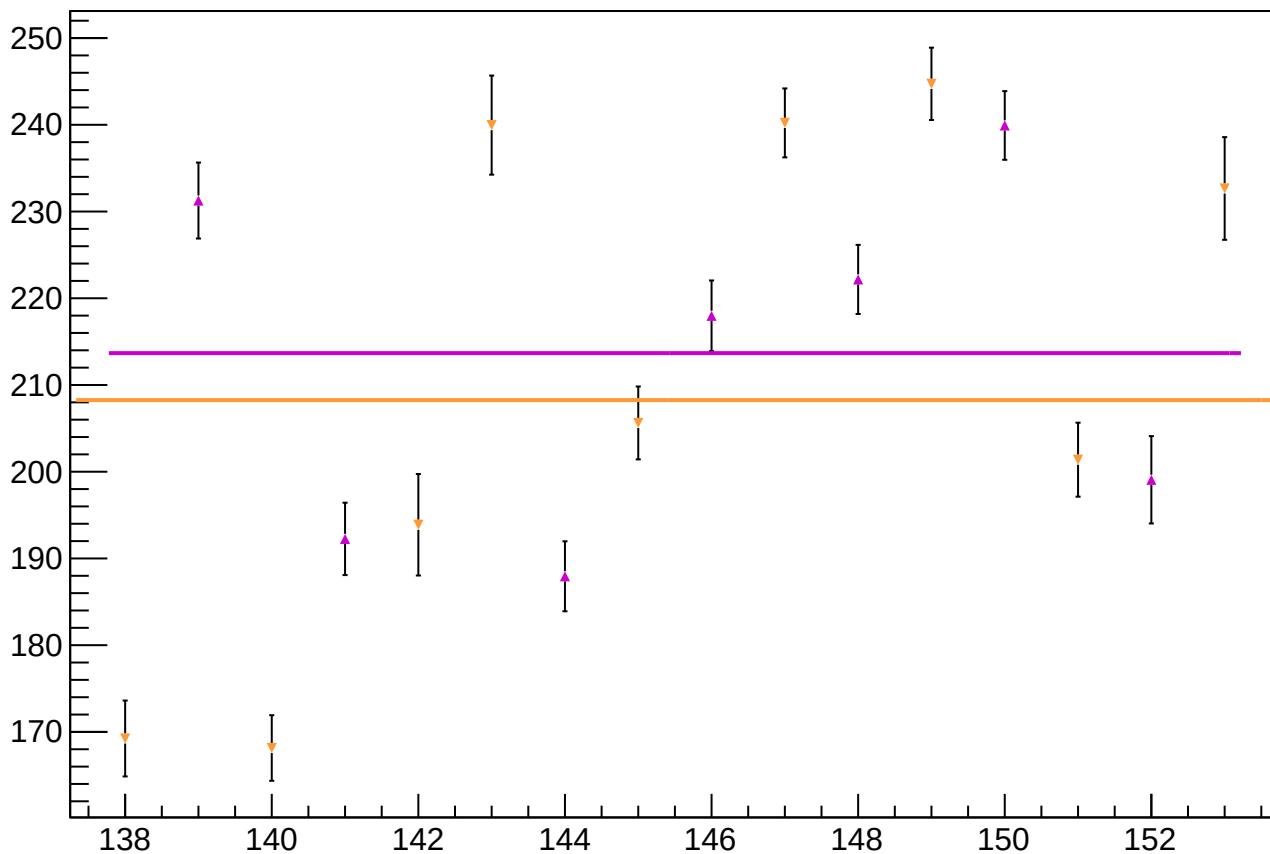
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -95.540 $\pm$ 0.052 χ^2 /NDF: 2067082.3/23

Out: -100.967 $\pm$ 0.052 χ^2 /NDF: 1841832.2/27

All: -98.286 $\pm$ 0.037 χ^2 /NDF: 3914370.3/51

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.260+/-1.503 χ^2/NDF :390.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.673+/-1.586 χ^2/NDF :141.2/6

Left: 210.820+/-1.091 χ^2/NDF : 537.3/15

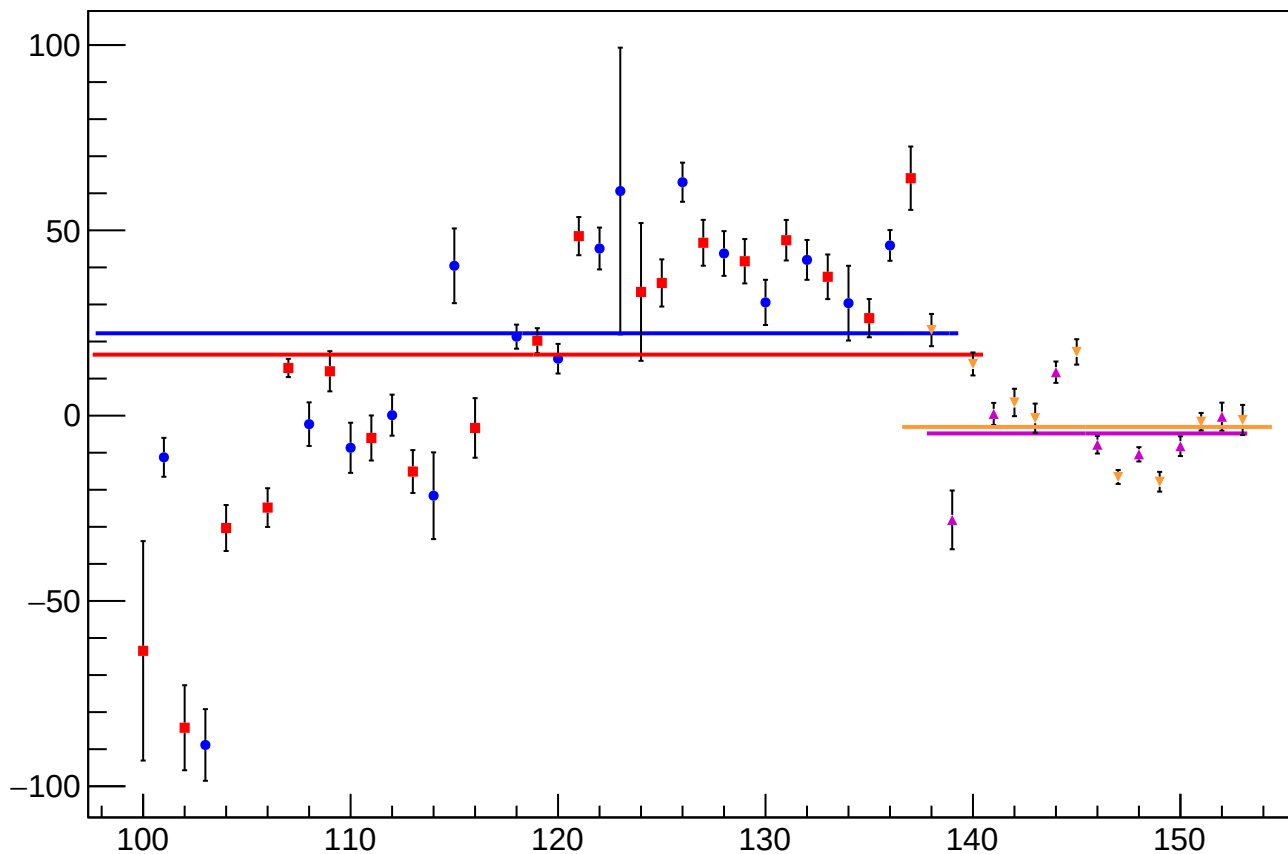
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.673+/-1.586 χ^2/NDF :141.2/6

Out: 208.260+/-1.503 χ^2/NDF :390.0/8

All: 210.820+/-1.091 χ^2/NDF : 537.3/15

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: -3.046 ± 0.979 $\chi^2/\text{NDF}: 187.2/8$

Right Out: 16.466 ± 1.230 $\chi^2/\text{NDF}: 425.9/18$

Left In: -4.802 ± 1.052 $\chi^2/\text{NDF}: 57.9/6$

Left: -3.862 ± 0.717 $\chi^2/\text{NDF}: 246.6/15$

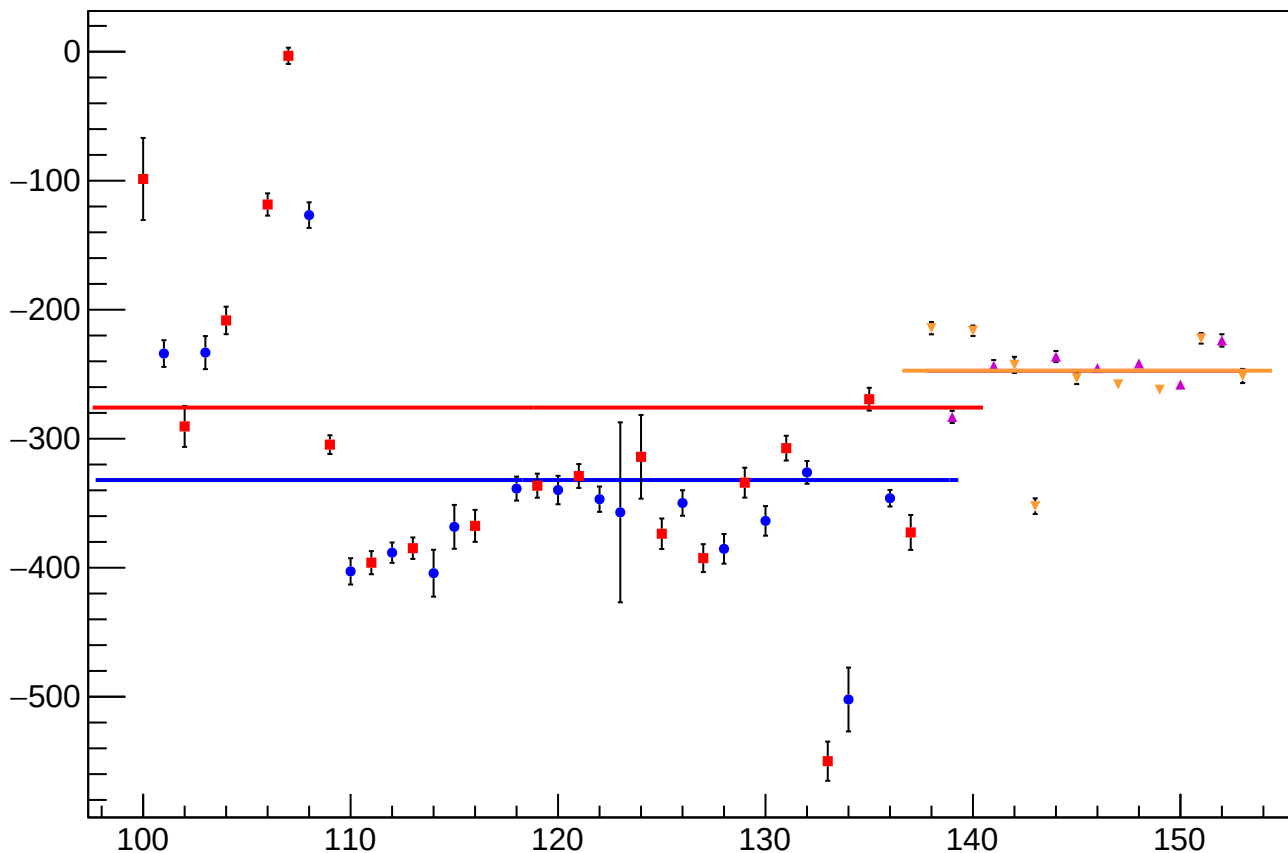
Right: 19.025 ± 0.916 $\chi^2/\text{NDF}: 821.2/35$

In: 5.184 ± 0.835 $\chi^2/\text{NDF}: 687.5/23$

Out: 4.529 ± 0.766 $\chi^2/\text{NDF}: 767.1/27$

All: 4.828 ± 0.565 $\chi^2/\text{NDF}: 1454.9/51$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -247.268 $\pm$ 1.506 χ^2 /NDF:467.6/8

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

Left In: -247.401 $\pm$ 1.576 χ^2 /NDF:99.0/6

Left: -247.332 $\pm$ 1.089 χ^2 /NDF: 566.6/15

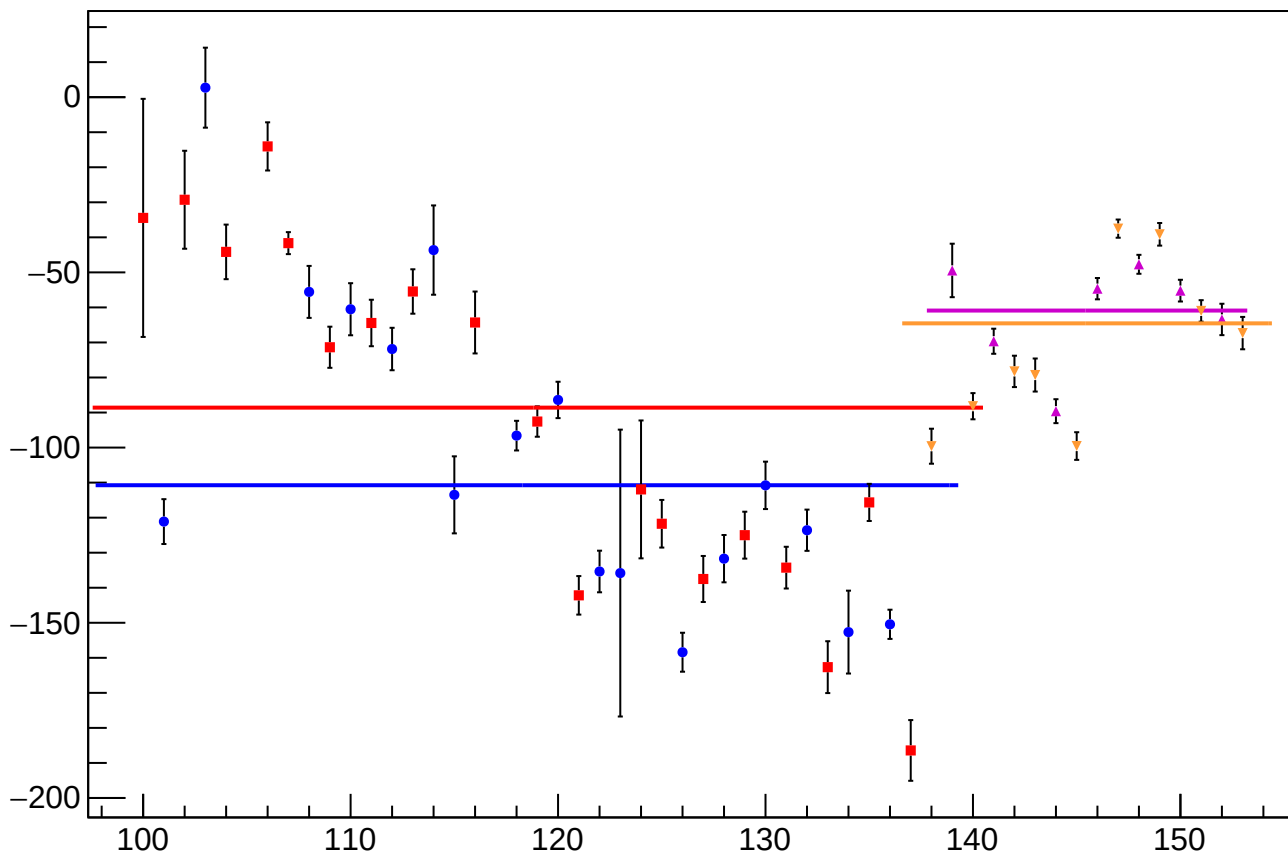
Right: -301.220 $\pm$ 1.721 χ^2 /NDF: 4411.6/35

In: -270.638 $\pm$ 1.342 χ^2 /NDF:1675.7/23

Out: -255.719 $\pm$ 1.264 χ^2 /NDF:3937.0/27

All: -262.729 $\pm$ 0.920 χ^2 /NDF: 5678.1/51

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745+/-1.578 χ^2/NDF : 513.4/16

Left Out: -64.548+/-1.224 χ^2/NDF : 359.1/8

Right Out: -88.600+/-1.435 χ^2/NDF : 969.7/18

Left In: -60.896+/-1.313 χ^2/NDF : 110.7/6

Left: -62.851+/-0.895 χ^2/NDF : 474.0/15

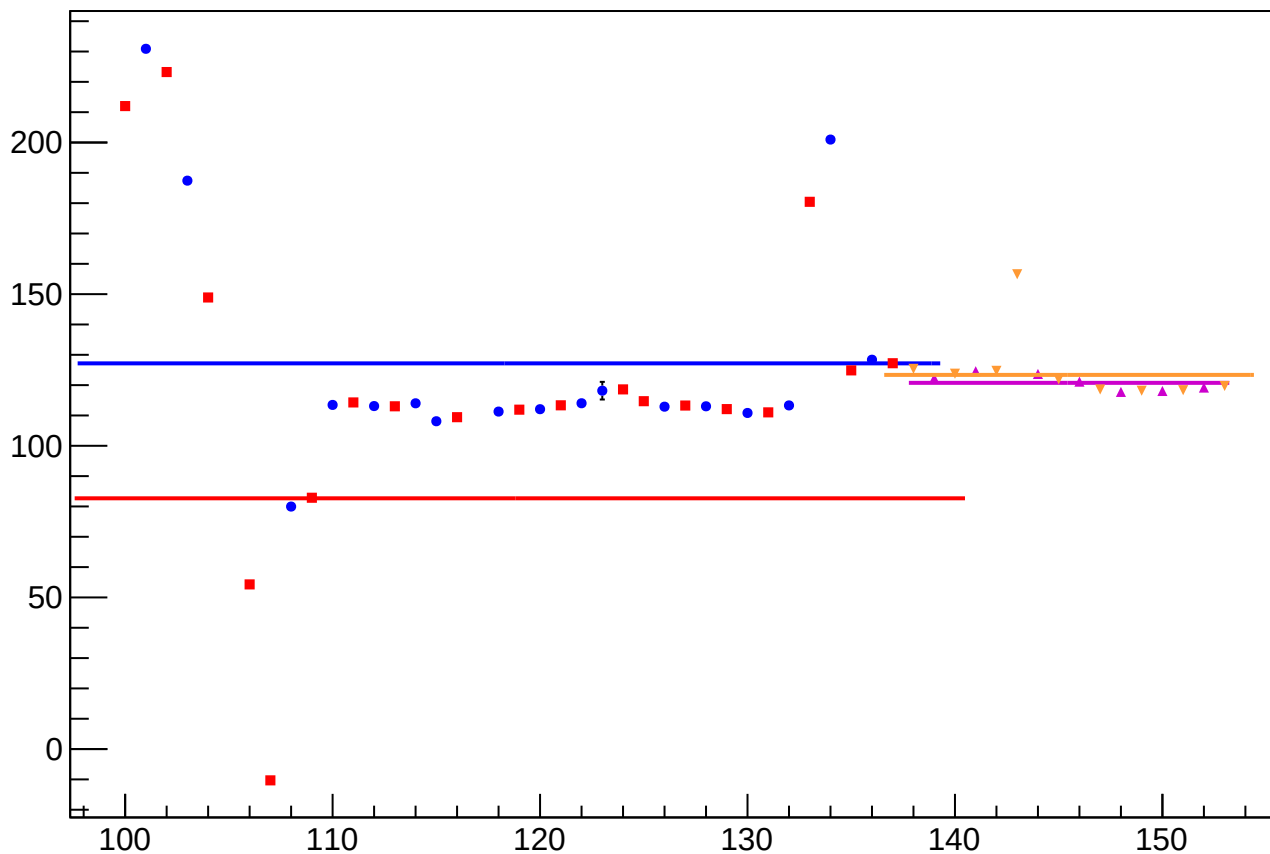
Right: -98.623+/-1.061 χ^2/NDF : 1591.0/35

In: -81.297+/-1.009 χ^2/NDF : 1214.0/23

Out: -74.677+/-0.931 χ^2/NDF : 1491.6/27

All: -77.720+/-0.684 χ^2/NDF : 2728.8/51

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 123.376 $\pm$ 0.063 χ^2 /NDF: 21458.4/8

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

Left In: 120.754 $\pm$ 0.066 χ^2 /NDF: 1492.3/6

Left: 122.118 $\pm$ 0.045 χ^2 /NDF: 23780.1/15

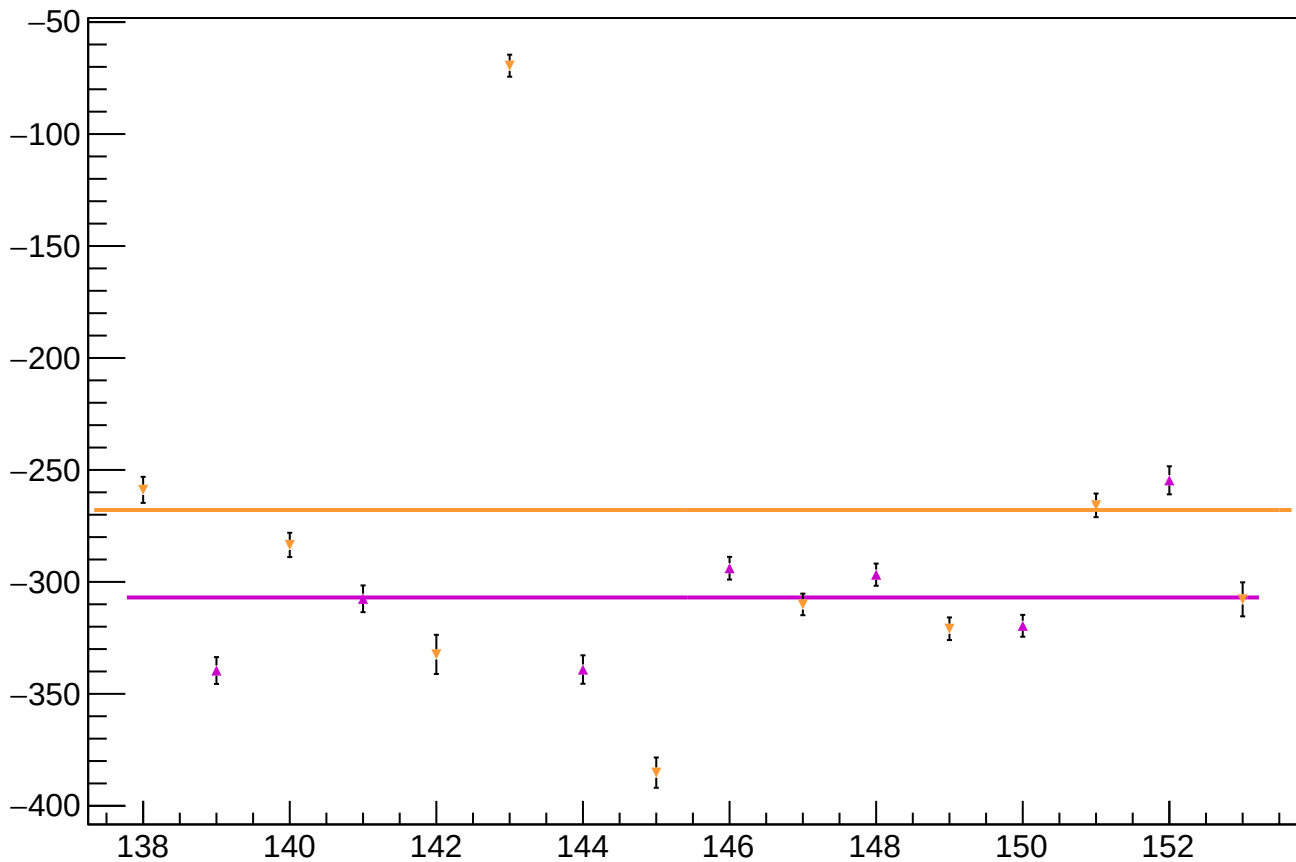
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 123.018 $\pm$ 0.053 χ^2 /NDF: 192916.7/23

Out: 106.595 $\pm$ 0.048 χ^2 /NDF: 958774.0/27

All: 114.080 $\pm$ 0.036 χ^2 /NDF: 1204262.4/51

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: -267.884+/-1.907 χ^2/NDF :2204.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -306.949+/-2.094 χ^2/NDF :142.8/6

Left: -285.587+/-1.410 χ^2/NDF : 2537.5/15

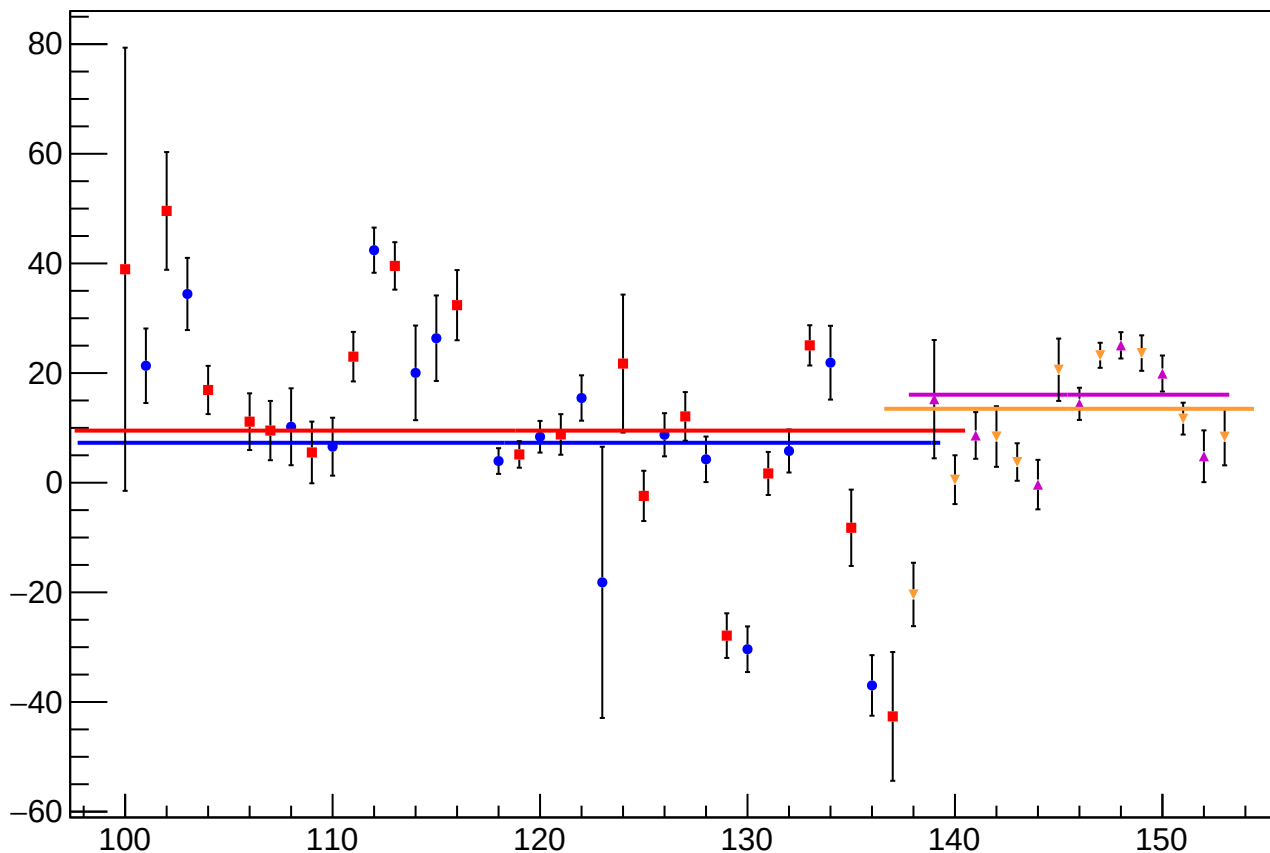
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.949+/-2.094 χ^2/NDF :142.8/6

Out: -267.884+/-1.907 χ^2/NDF :2204.4/8

All: -285.587+/-1.410 χ^2/NDF : 2537.5/15

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 13.487 ± 1.220 χ^2/NDF : 82.7/8

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

Left In: 16.053 ± 1.361 χ^2/NDF : 37.7/6

Left: 14.630 ± 0.909 χ^2/NDF : 122.3/15

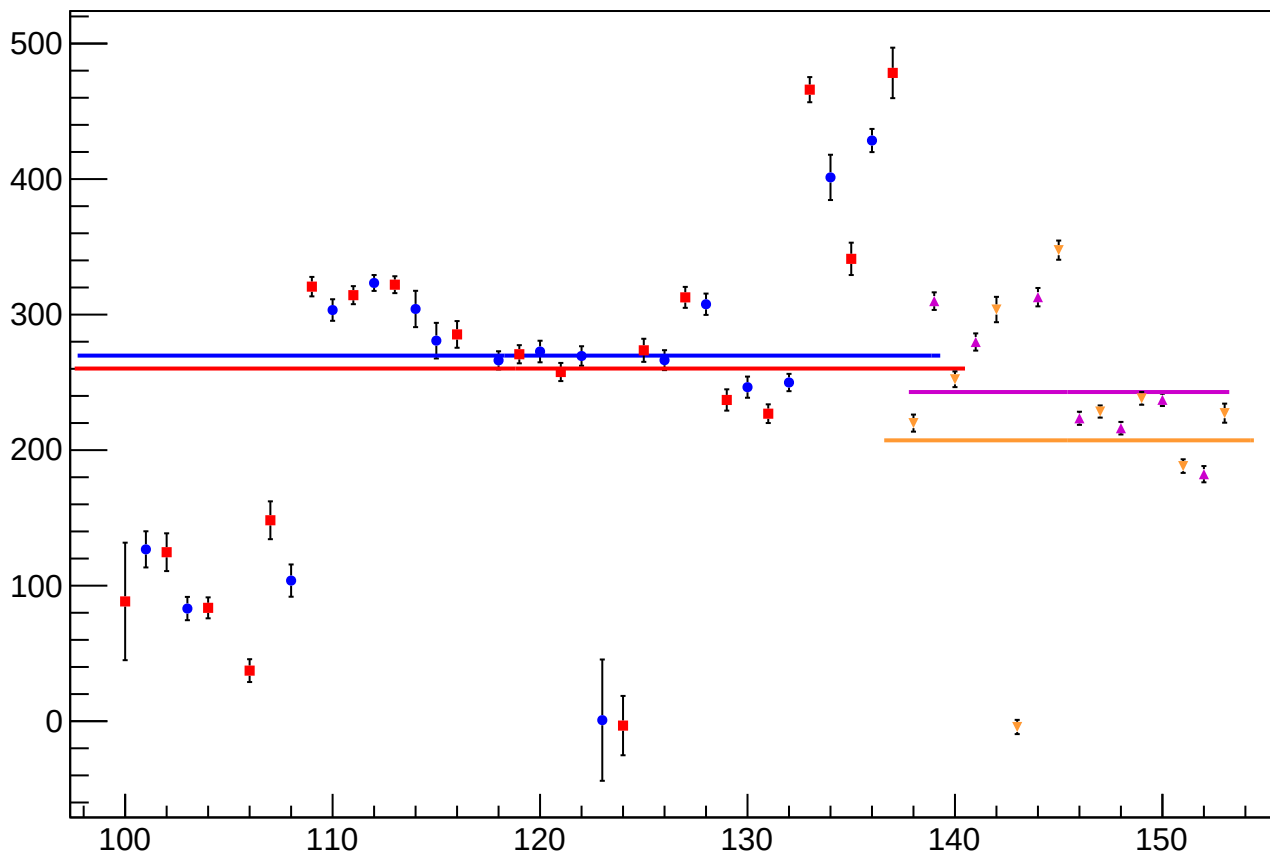
Right: 8.404 ± 0.763 χ^2/NDF : 494.7/35

In: 10.686 ± 0.848 χ^2/NDF : 324.1/23

Out: 11.244 ± 0.806 χ^2/NDF : 320.2/27

All: 10.979 ± 0.584 χ^2/NDF : 644.5/51

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 207.223 $\pm$ 1.902 χ^2 /NDF:2270.8/8

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

Left In: 242.870 $\pm$ 2.062 χ^2 /NDF:399.9/6

Left: 223.610 $\pm$ 1.398 χ^2 /NDF: 2832.2/15

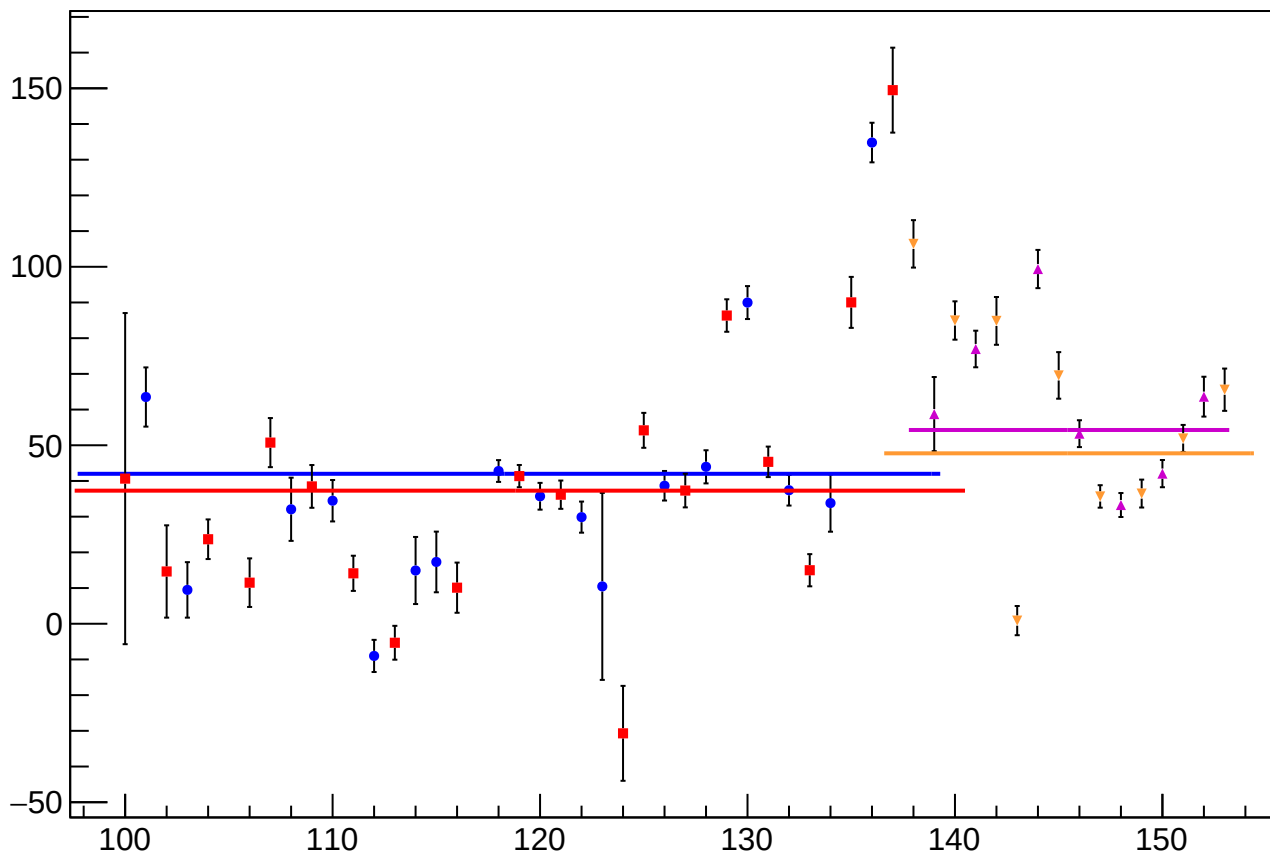
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 256.246 $\pm$ 1.461 χ^2 /NDF:1858.5/23

Out: 232.676 $\pm$ 1.371 χ^2 /NDF:5185.2/27

All: 243.710 $\pm$ 1.000 χ^2 /NDF: 7182.1/51

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 47.742 ± 1.530 $\chi^2/\text{NDF}: 332.4/8$

Right Out: 37.284 ± 1.237 $\chi^2/\text{NDF}: 472.6/18$

Left In: 54.280 ± 1.709 $\chi^2/\text{NDF}: 143.0/6$

Left: 50.650 ± 1.140 $\chi^2/\text{NDF}: 483.5/15$

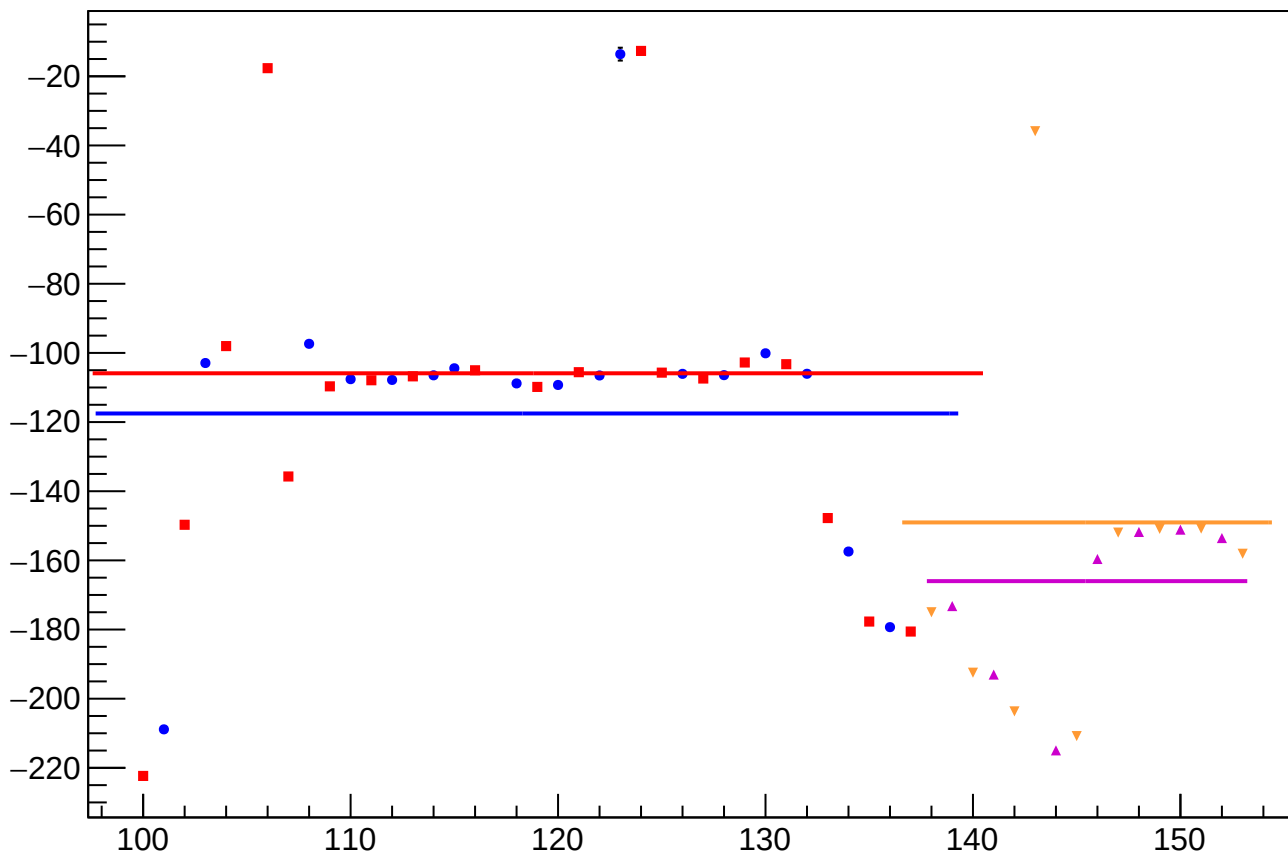
Right: 39.611 ± 0.881 $\chi^2/\text{NDF}: 1055.4/35$

In: 46.308 ± 1.012 $\chi^2/\text{NDF}: 752.0/23$

Out: 41.419 ± 0.962 $\chi^2/\text{NDF}: 833.2/27$

All: 43.740 ± 0.697 $\chi^2/\text{NDF}: 1597.5/51$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -149.024+/-0.080 χ^2/NDF : 400914.8/8

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

Left In: -166.001+/-0.086 χ^2/NDF : 53733.8/6

Left: -156.872+/-0.059 χ^2/NDF : 475539.3/15

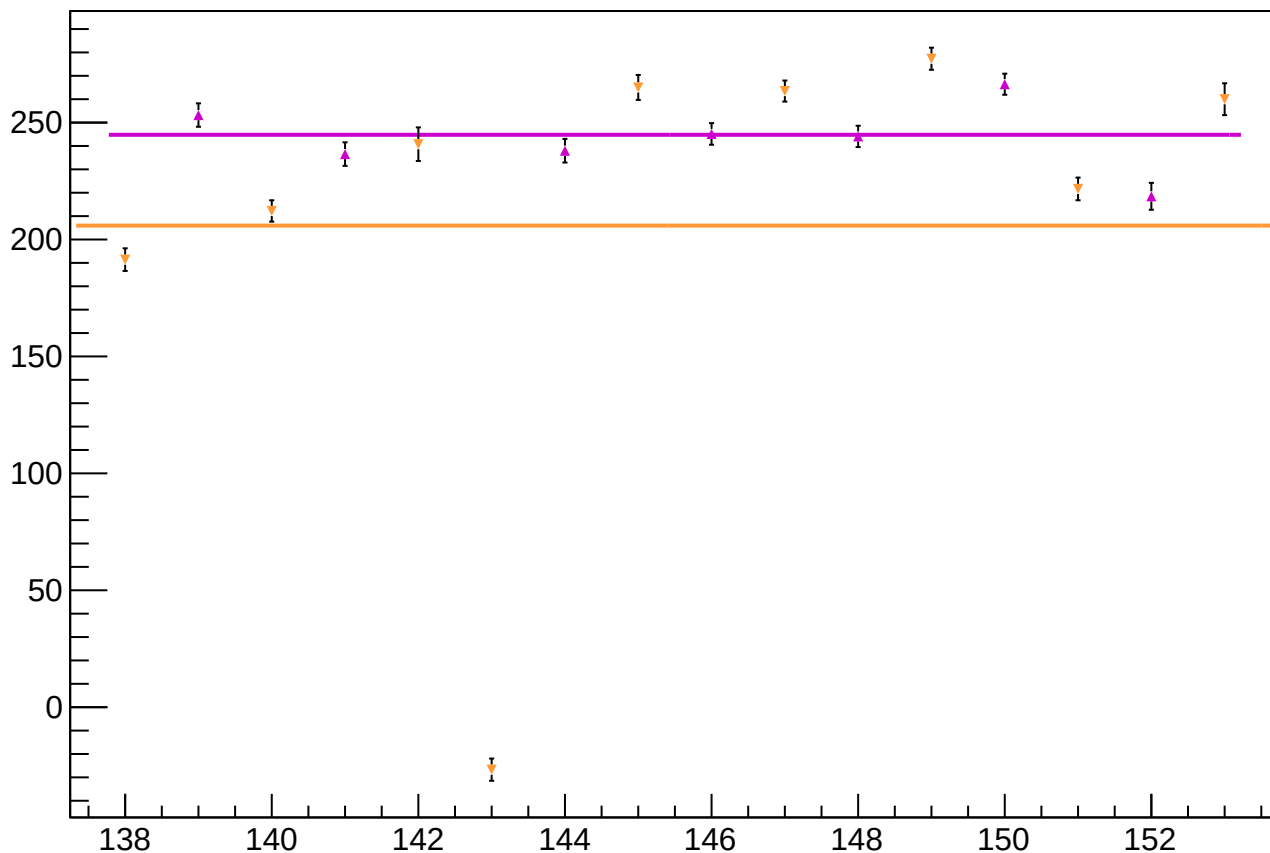
Right: -111.303+/-0.053 χ^2/NDF : 478188.8/35

In: -139.363+/-0.058 χ^2/NDF : 369848.4/23

Out: -125.467+/-0.054 χ^2/NDF : 884527.0/27

All: -131.916+/-0.039 χ^2/NDF : 1285335.3/51

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: 205.946+/-1.697 χ^2/NDF :3016.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.775+/-1.849 χ^2/NDF :51.3/6

Left: 223.699+/-1.250 χ^2/NDF : 3306.7/15

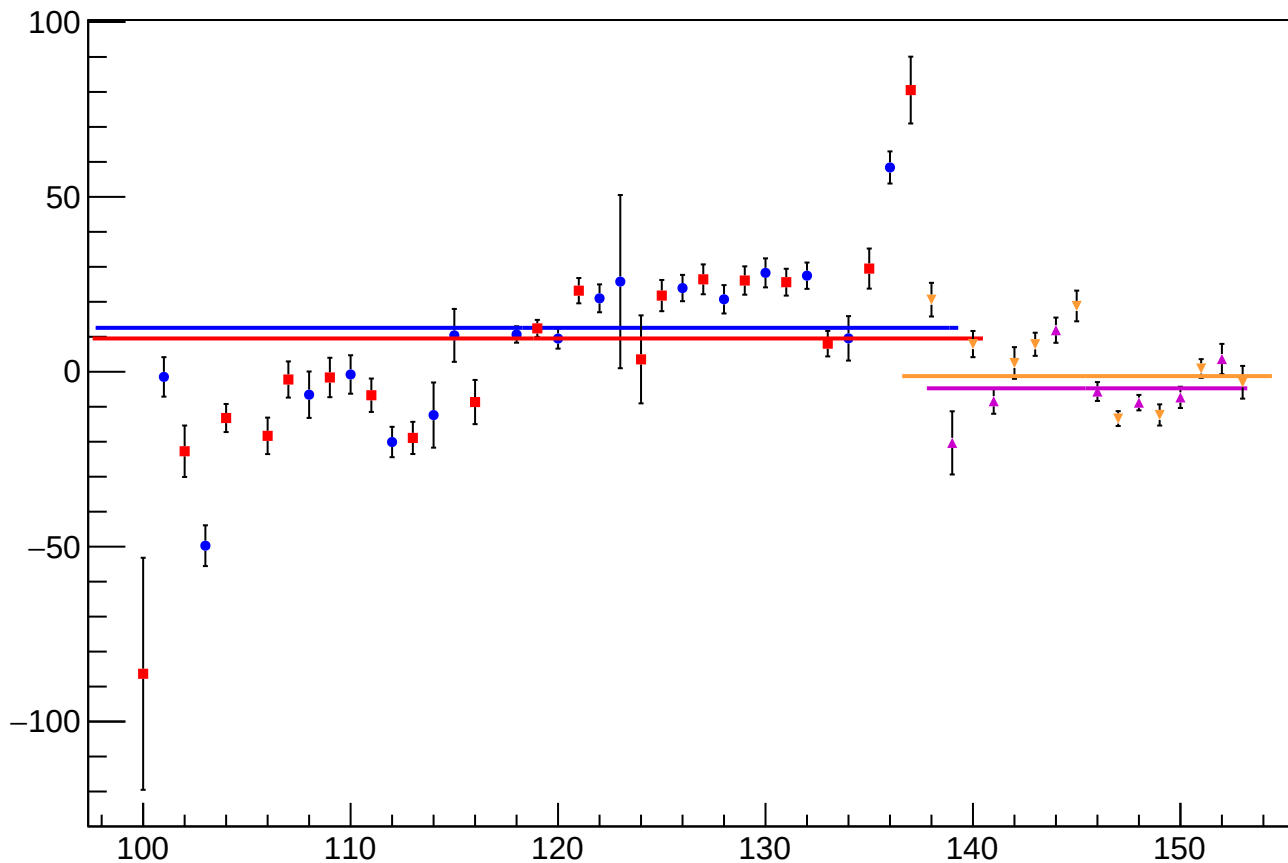
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.775+/-1.849 χ^2/NDF :51.3/6

Out: 205.946+/-1.697 χ^2/NDF :3016.0/8

All: 223.699+/-1.250 χ^2/NDF : 3306.7/15

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: -1.245 $\pm$ 1.104 χ^2 /NDF:102.4/8

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

Left In: -4.730 $\pm$ 1.221 χ^2 /NDF:33.3/6

Left: -2.811 $\pm$ 0.819 χ^2 /NDF: 140.1/15

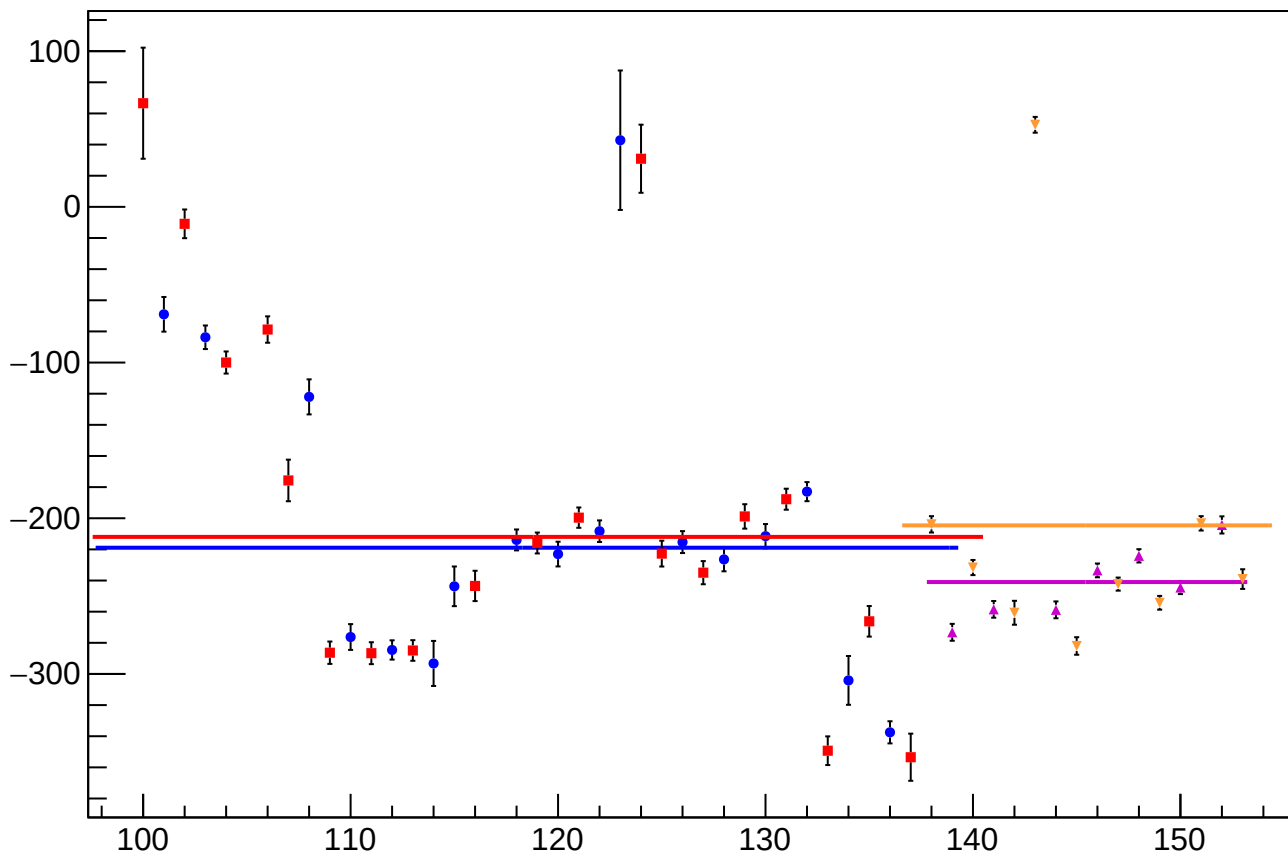
Right: 11.033 $\pm$ 0.745 χ^2 /NDF: 648.2/35

In: 5.169 $\pm$ 0.799 χ^2 /NDF:495.7/23

Out: 4.404 $\pm$ 0.761 χ^2 /NDF:448.6/27

All: 4.768 $\pm$ 0.551 χ^2 /NDF: 944.7/51

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -204.581 ± 1.702 χ^2/NDF : 3079.8/8

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

Left In: -240.970 ± 1.831 χ^2/NDF : 120.4/6

Left: -221.441 ± 1.247 χ^2/NDF : 3412.1/15

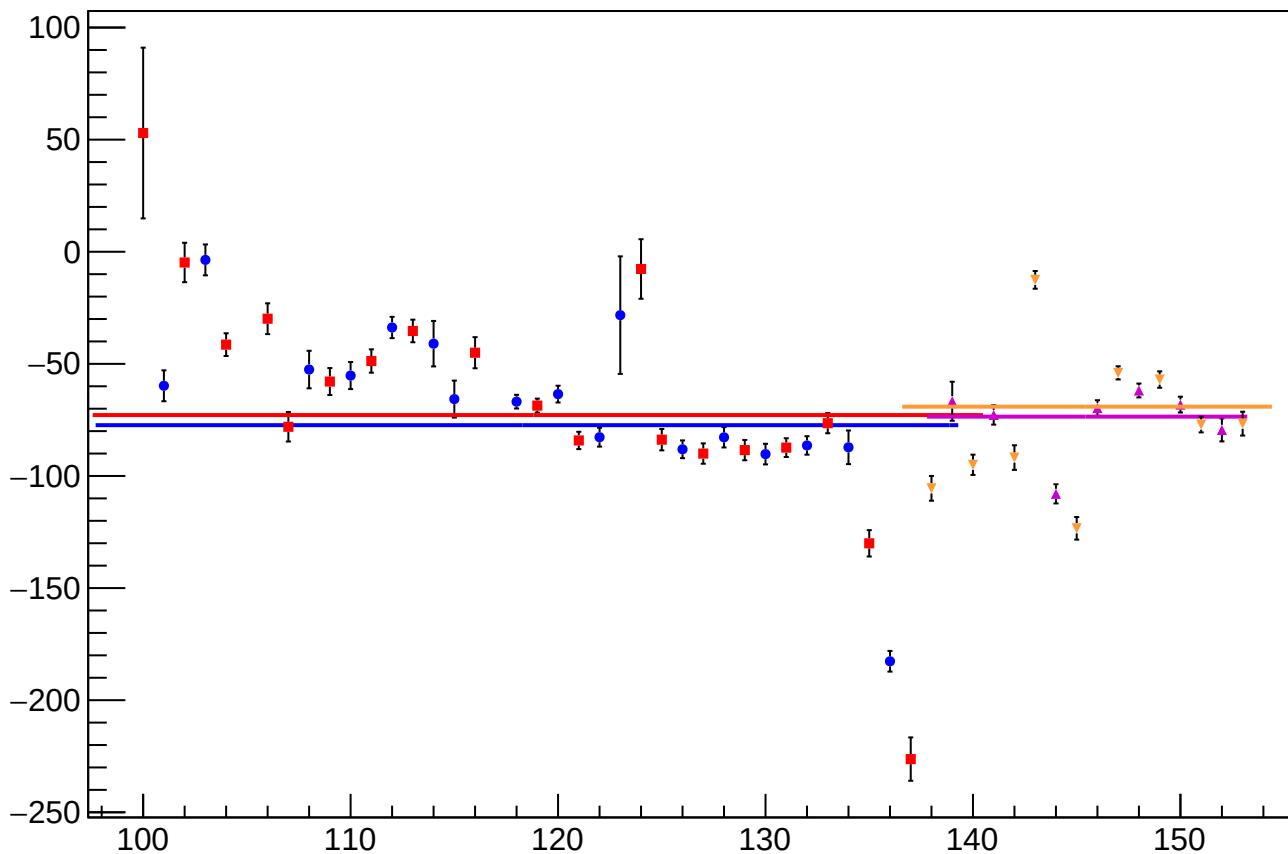
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -230.949 ± 1.352 χ^2/NDF : 1332.9/23

Out: -207.822 ± 1.275 χ^2/NDF : 4974.2/27

All: -218.702 ± 0.928 χ^2/NDF : 6462.0/51

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 ± 1.219 $\chi^2/\text{NDF}: 817.2/16$

Left Out: -69.095 ± 1.379 $\chi^2/\text{NDF}: 458.2/8$

Right Out: -72.836 ± 1.209 $\chi^2/\text{NDF}: 672.9/18$

Left In: -73.539 ± 1.528 $\chi^2/\text{NDF}: 84.6/6$

Left: -71.090 ± 1.024 $\chi^2/\text{NDF}: 547.4/15$

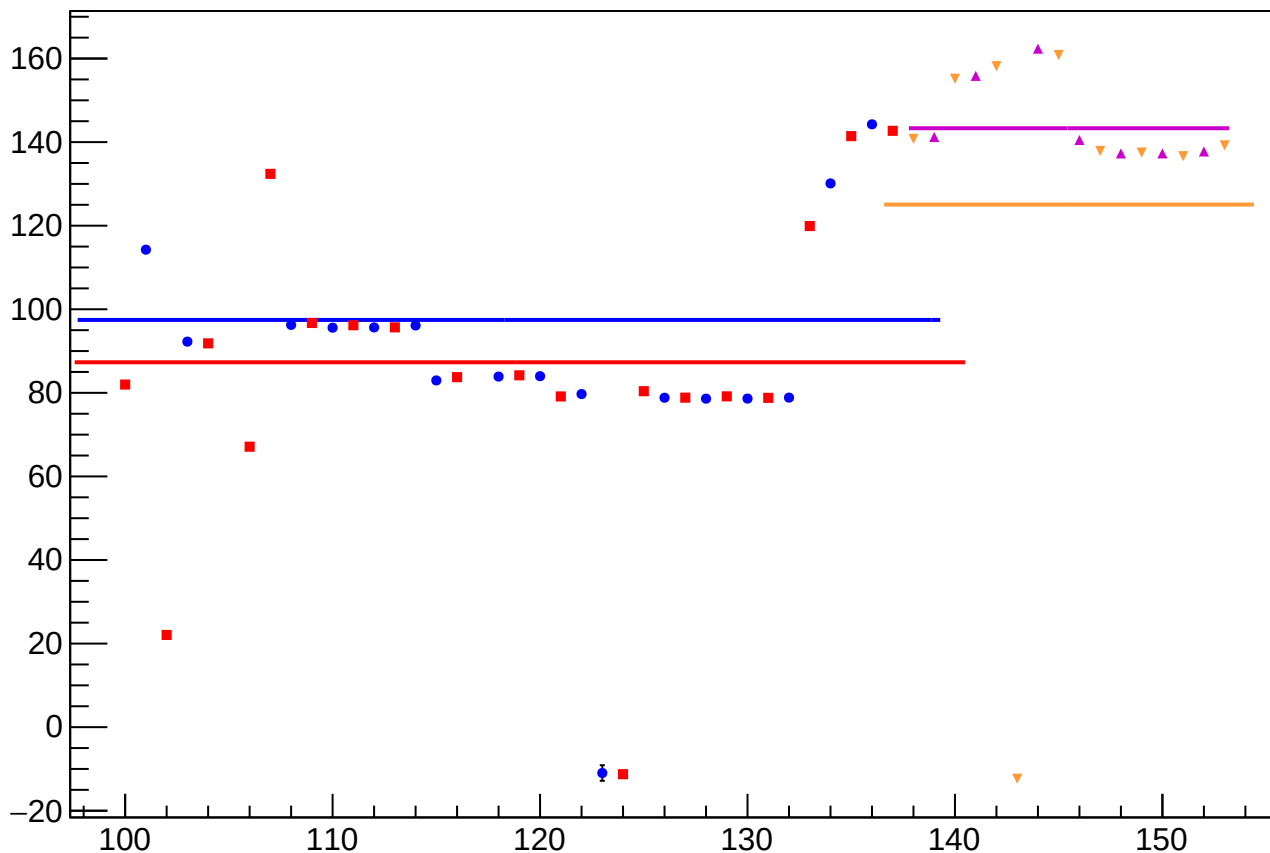
Right: -75.069 ± 0.858 $\chi^2/\text{NDF}: 1497.0/35$

In: -75.862 ± 0.953 $\chi^2/\text{NDF}: 905.6/23$

Out: -71.210 ± 0.909 $\chi^2/\text{NDF}: 1135.2/27$

All: -73.426 ± 0.658 $\chi^2/\text{NDF}: 2053.3/51$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 125.055 $\pm$ 0.071 χ^2 /NDF: 536569.3/8

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

Left In: 143.320 $\pm$ 0.076 χ^2 /NDF: 12988.8/6

Left: 133.565 $\pm$ 0.052 χ^2 /NDF: 580214.1/15

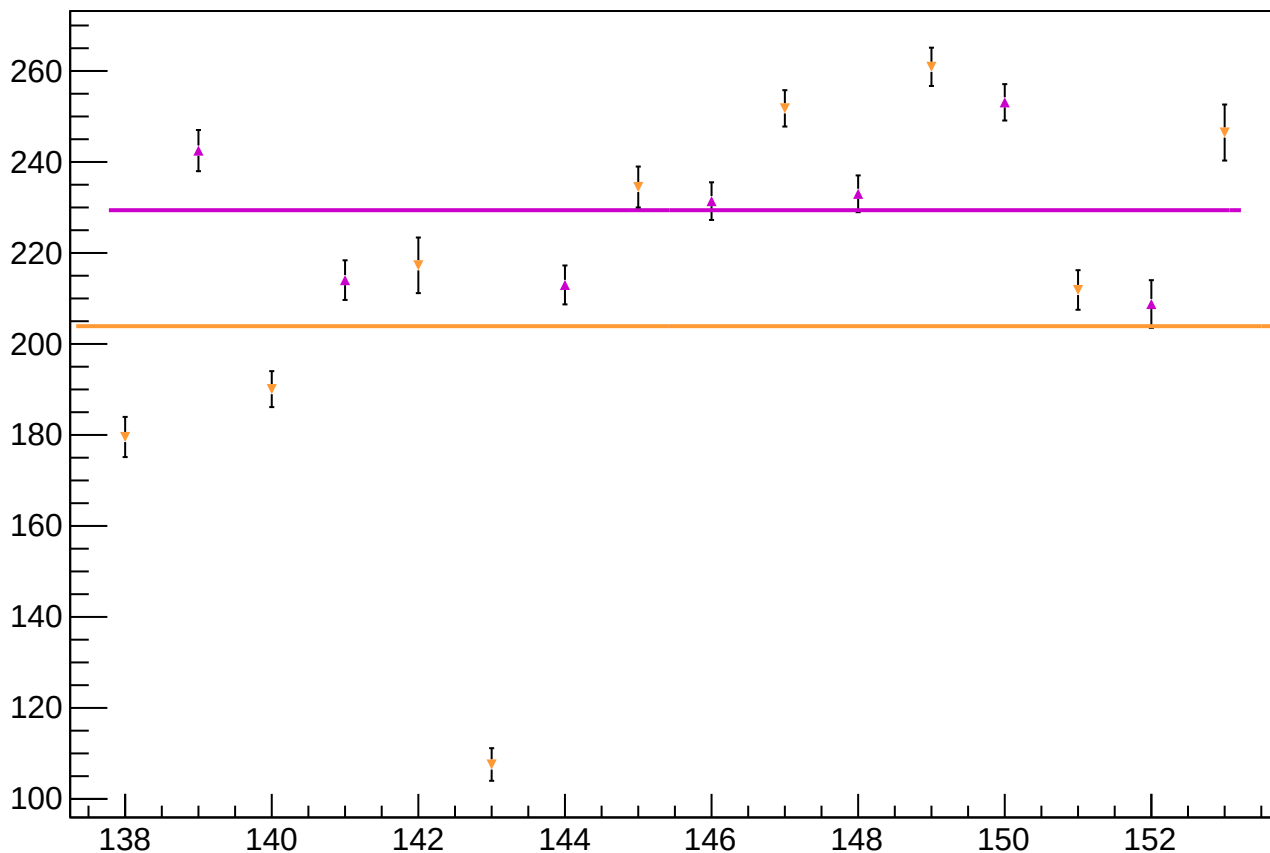
Right: 92.024 $\pm$ 0.050 χ^2 /NDF: 326563.7/35

In: 119.474 $\pm$ 0.053 χ^2 /NDF: 295649.3/23

Out: 105.383 $\pm$ 0.049 χ^2 /NDF: 904838.5/27

All: 111.938 $\pm$ 0.036 χ^2 /NDF: 1238538.6/51

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: 203.906+/-1.462 χ^2/NDF :1193.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.401+/-1.634 χ^2/NDF :87.2/6

Left: 215.249+/-1.090 χ^2/NDF : 1416.3/15

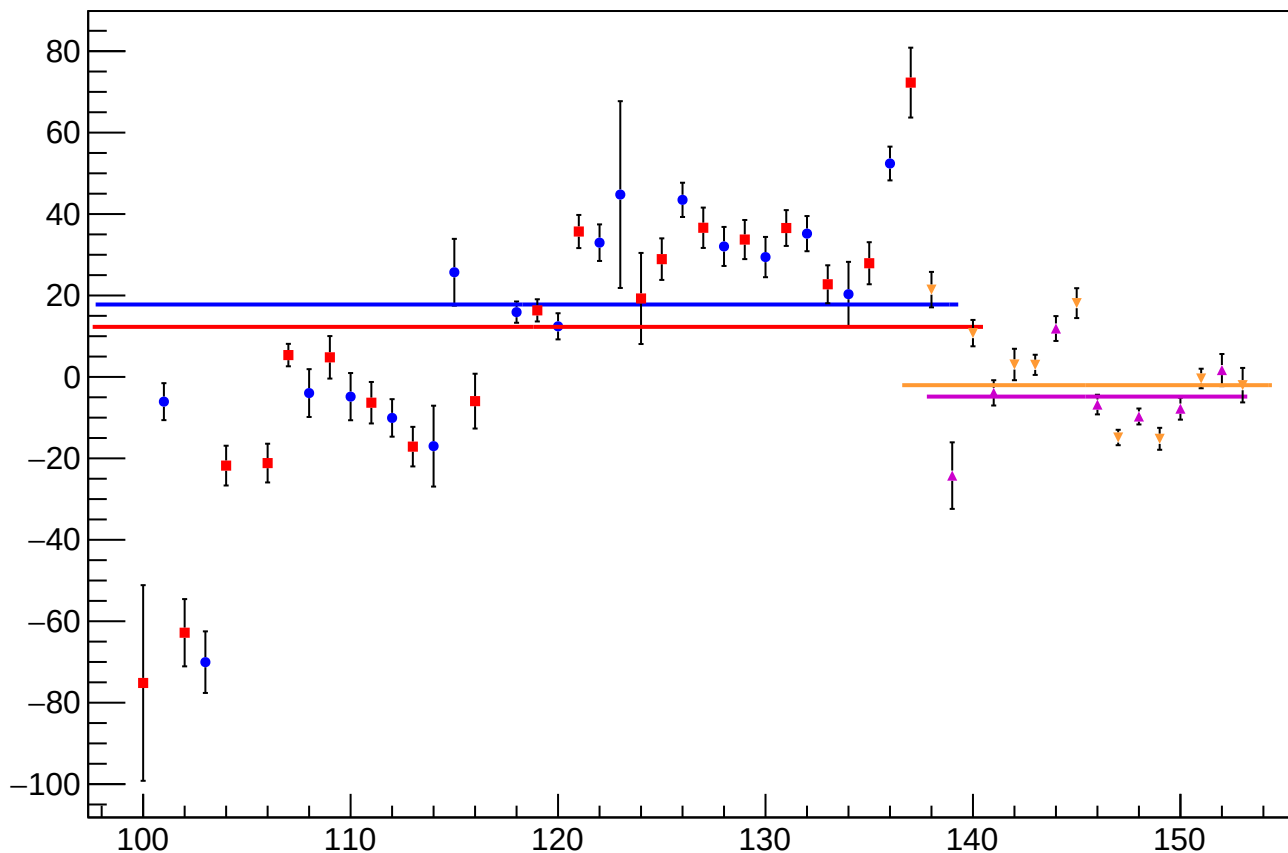
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.401+/-1.634 χ^2/NDF :87.2/6

Out: 203.906+/-1.462 χ^2/NDF :1193.9/8

All: 215.249+/-1.090 χ^2/NDF : 1416.3/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 ± 1.146 $\chi^2/\text{NDF}: 395.1/16$

Left Out: -2.024 ± 0.954 $\chi^2/\text{NDF}: 151.0/8$

Right Out: 12.294 ± 1.086 $\chi^2/\text{NDF}: 443.7/18$

Left In: -4.830 ± 1.078 $\chi^2/\text{NDF}: 46.5/6$

Left: -3.256 ± 0.714 $\chi^2/\text{NDF}: 201.4/15$

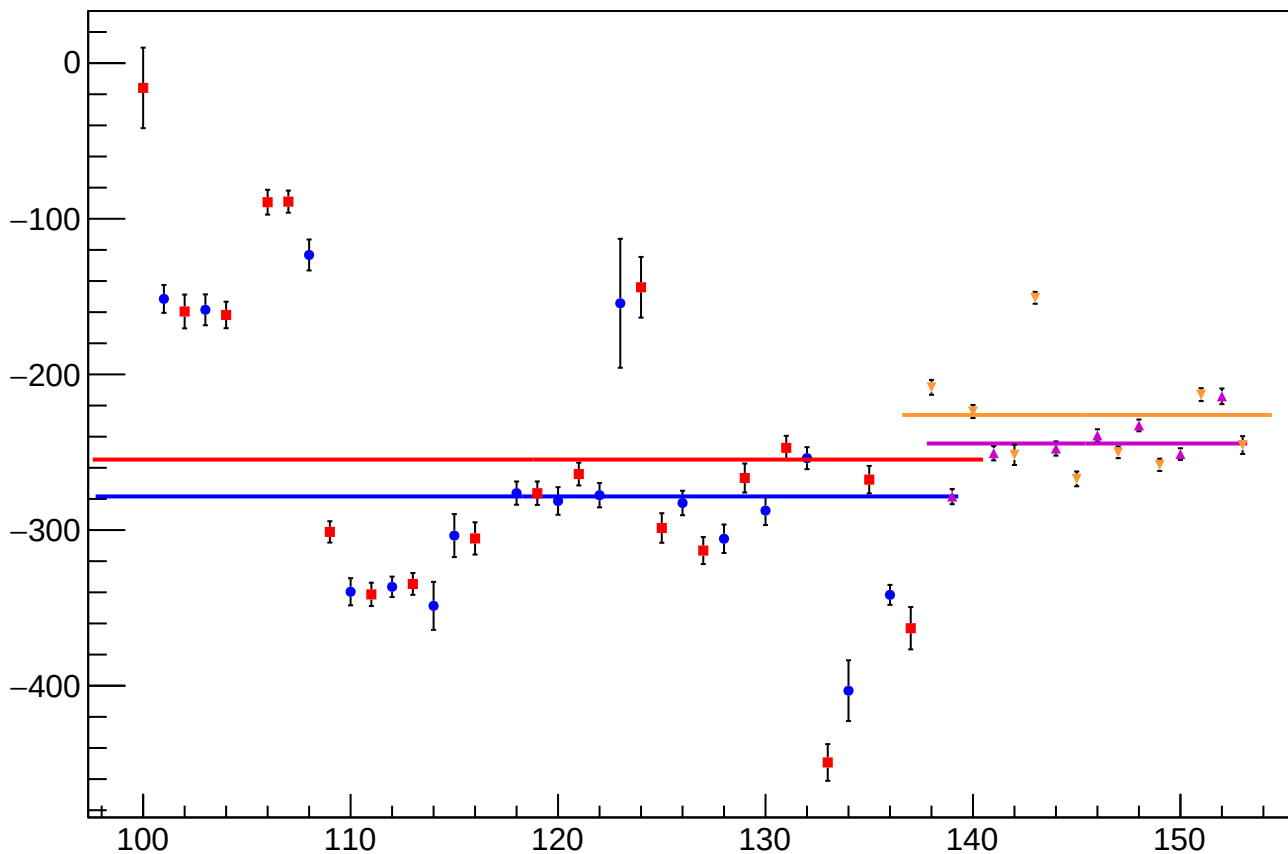
Right: 14.891 ± 0.788 $\chi^2/\text{NDF}: 850.9/35$

In: 5.784 ± 0.785 $\chi^2/\text{NDF}: 648.2/23$

Out: 4.211 ± 0.717 $\chi^2/\text{NDF}: 692.9/27$

All: 4.926 ± 0.529 $\chi^2/\text{NDF}: 1343.3/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393 ± 2.168 $\chi^2/\text{NDF}: 910.5/16$

Left Out: -226.035 ± 1.473 $\chi^2/\text{NDF}: 619.7/8$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

Left In: -244.386 ± 1.620 $\chi^2/\text{NDF}: 101.7/6$

Left: -234.337 ± 1.090 $\chi^2/\text{NDF}: 791.6/15$

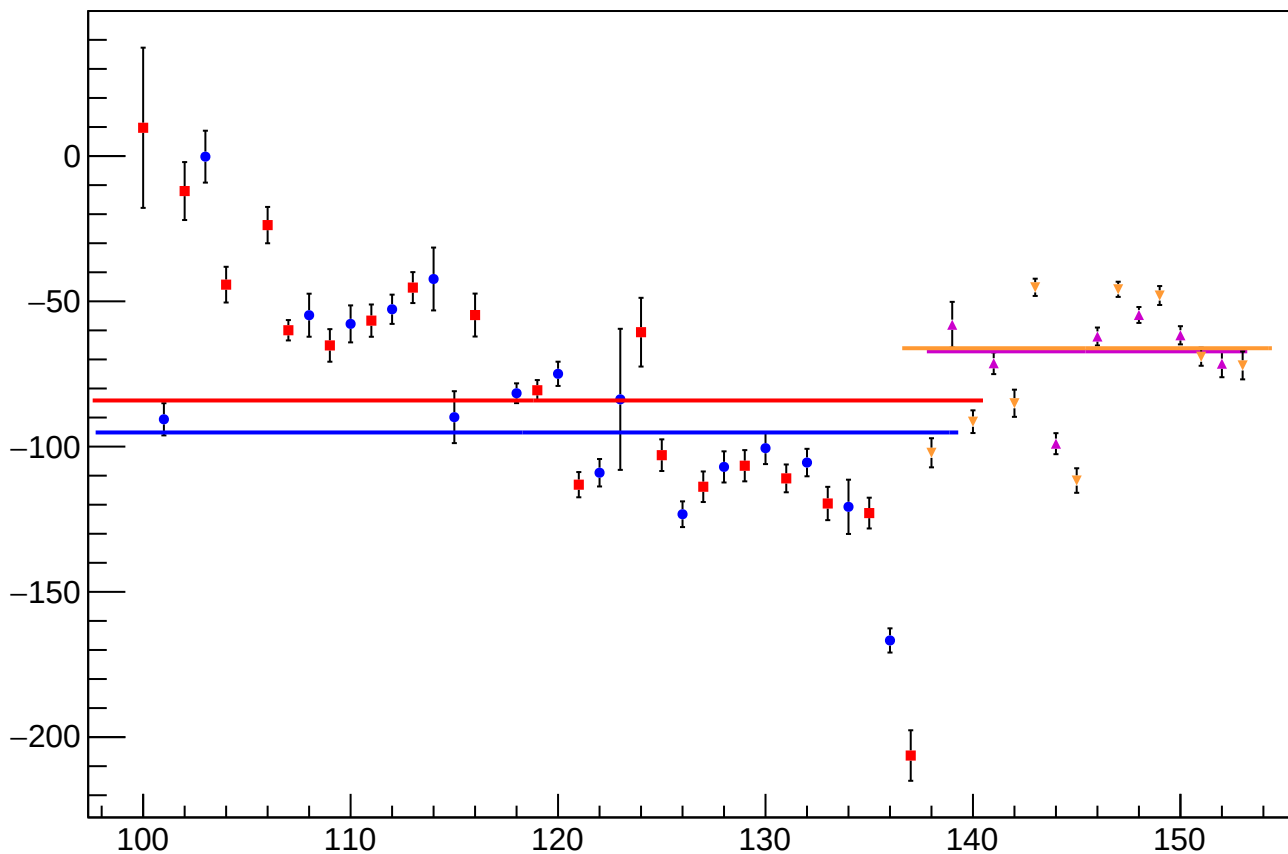
Right: -265.715 ± 1.478 $\chi^2/\text{NDF}: 3013.0/35$

In: -256.577 ± 1.298 $\chi^2/\text{NDF}: 1170.1/23$

Out: -235.984 ± 1.190 $\chi^2/\text{NDF}: 2789.7/27$

All: -245.390 ± 0.877 $\chi^2/\text{NDF}: 4096.6/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 $\chi^2/\text{NDF}: 674.9/16$

Left Out: -66.143 ± 1.189 $\chi^2/\text{NDF}: 369.7/8$

Right Out: -84.124 ± 1.259 $\chi^2/\text{NDF}: 782.9/18$

Left In: -67.212 ± 1.348 $\chi^2/\text{NDF}: 107.2/6$

Left: -66.611 ± 0.892 $\chi^2/\text{NDF}: 477.3/15$

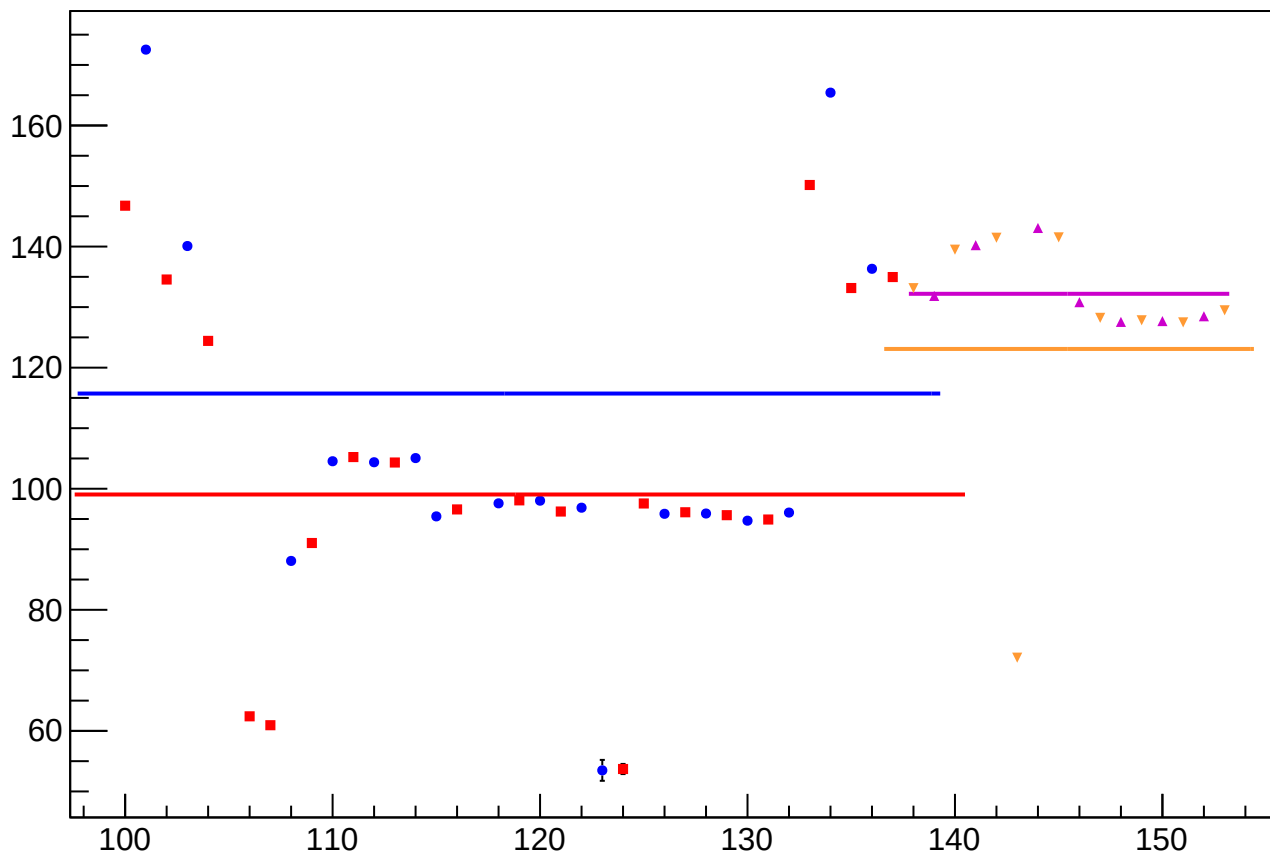
Right: -89.357 ± 0.912 $\chi^2/\text{NDF}: 1494.2/35$

In: -81.439 ± 0.944 $\chi^2/\text{NDF}: 1000.8/23$

Out: -74.621 ± 0.864 $\chi^2/\text{NDF}: 1260.4/27$

All: -77.730 ± 0.637 $\chi^2/\text{NDF}: 2289.6/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 123.090+/-0.062 χ^2/NDF :138980.7/8

Right Out: 99.049+/-0.069 χ^2/NDF : 173463.3/18

Left In: 132.198+/-0.068 χ^2/NDF :6825.5/6

Left: 127.222+/-0.045 χ^2/NDF : 155738.1/15

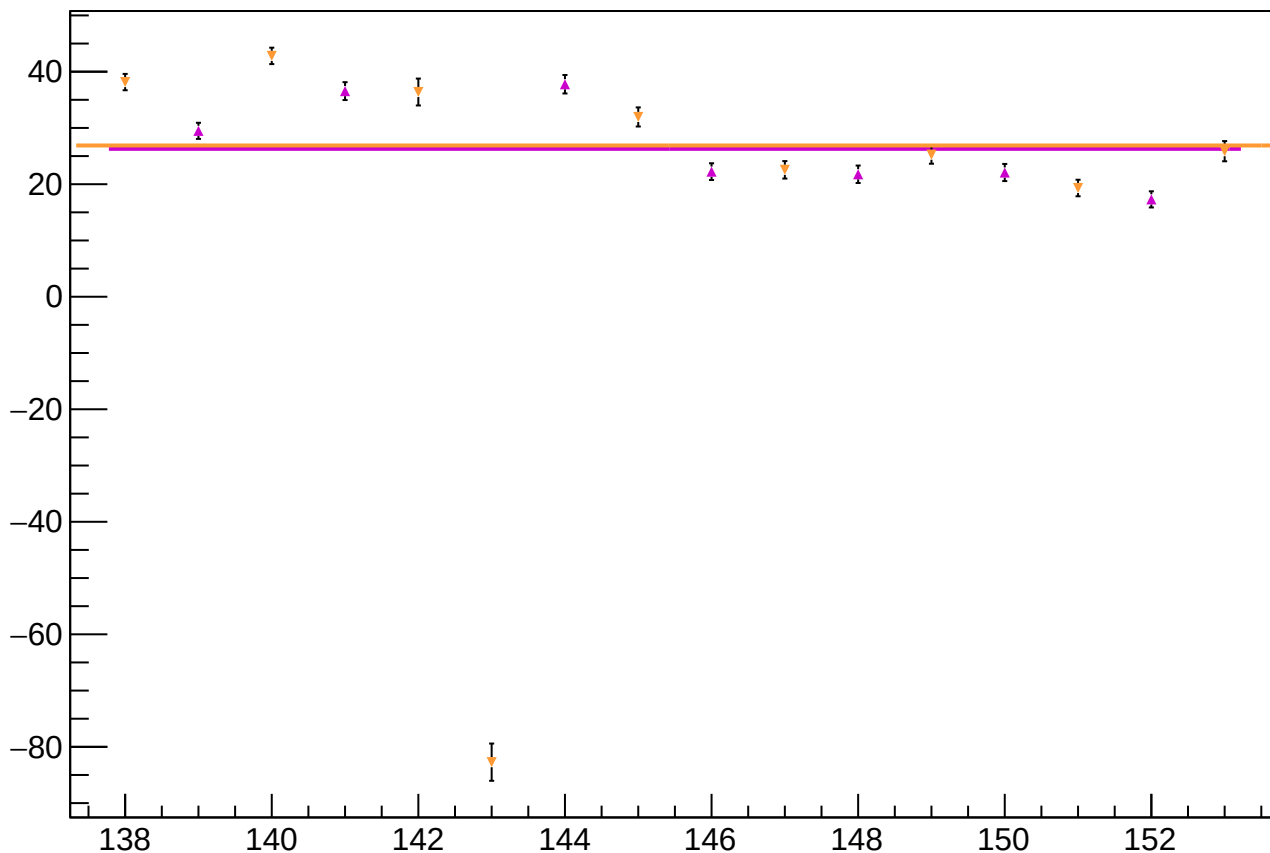
Right: 106.312+/-0.051 χ^2/NDF : 305658.4/35

In: 125.136+/-0.051 χ^2/NDF :138712.7/23

Out: 112.351+/-0.046 χ^2/NDF :380589.3/27

All: 118.049+/-0.034 χ^2/NDF : 554055.8/51

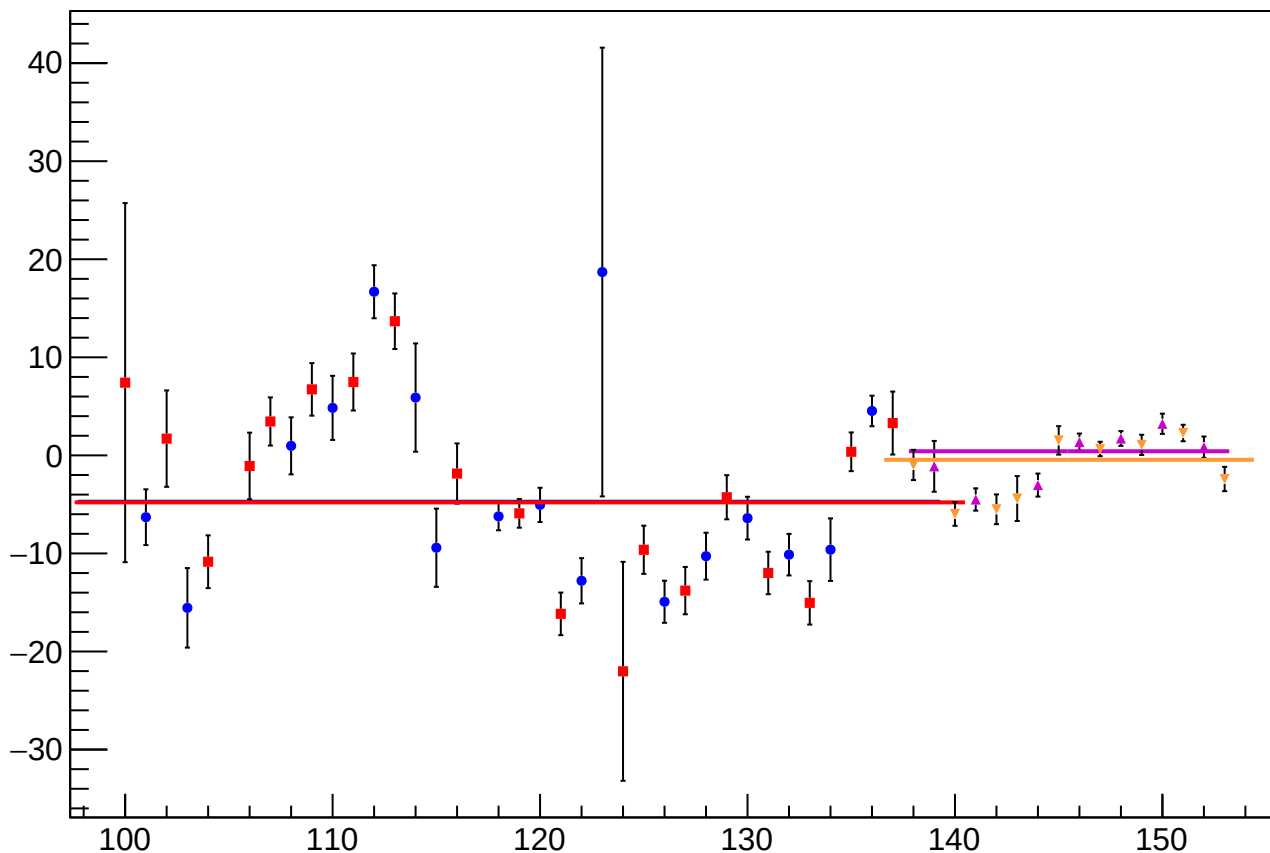
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 26.885+/-0.565 χ^2/NDF :1335.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.287+/-0.573 χ^2/NDF :158.3/6

Left: 26.591+/-0.402 χ^2/NDF : 1494.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.287+/-0.573 χ^2/NDF :158.3/6
 Out: 26.885+/-0.565 χ^2/NDF :1335.9/8
 All: 26.591+/-0.402 χ^2/NDF : 1494.7/15

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 $\pm$ 0.580 χ^2/NDF : 174.8/16

Left Out: -0.451 $\pm$ 0.376 χ^2/NDF : 54.6/8

Right Out: -4.793 $\pm$ 0.586 χ^2/NDF : 193.5/18

Left In: 0.421 $\pm$ 0.391 χ^2/NDF : 39.4/6

Left: -0.032 $\pm$ 0.271 χ^2/NDF : 96.5/15

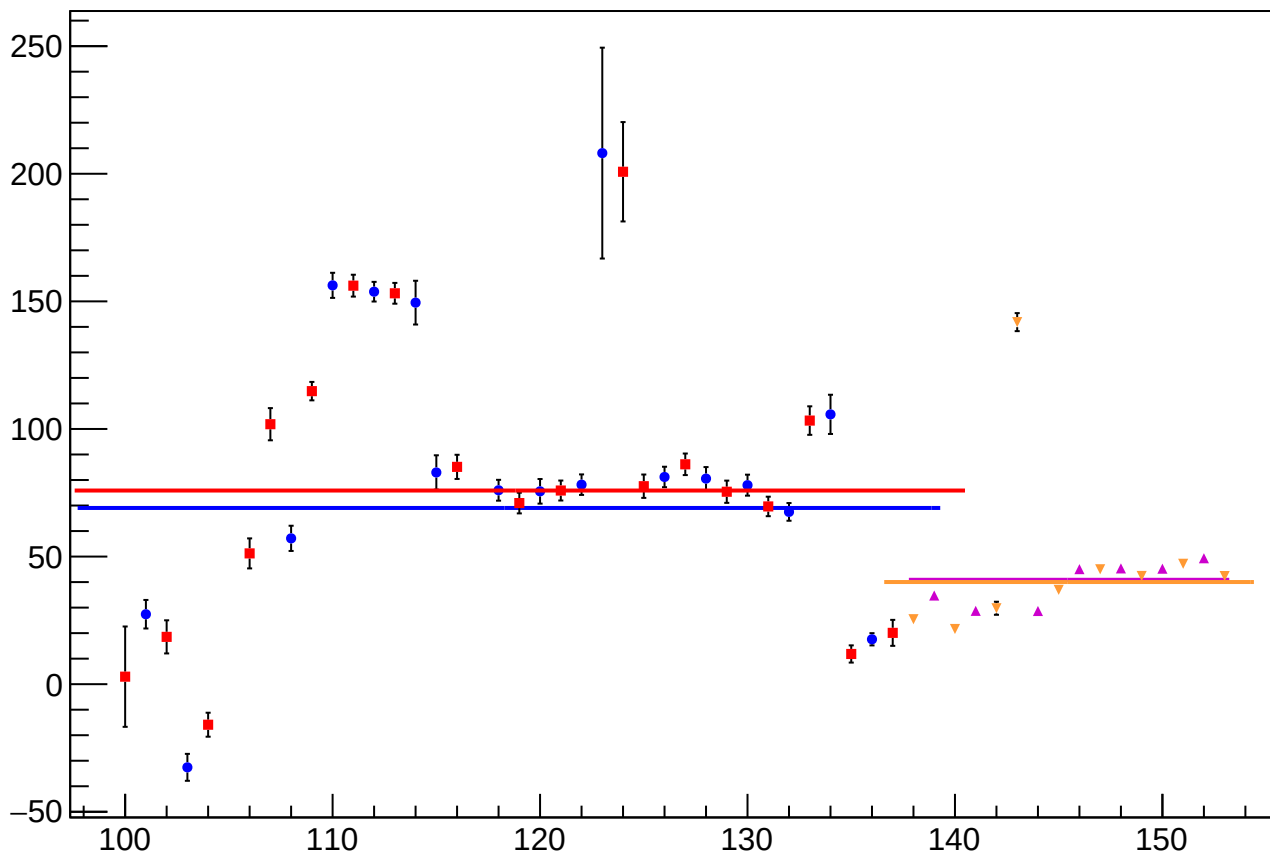
Right: -4.761 $\pm$ 0.412 χ^2/NDF : 368.3/35

In: -1.193 $\pm$ 0.324 χ^2/NDF : 268.4/23

Out: -1.720 $\pm$ 0.317 χ^2/NDF : 286.9/27

All: -1.463 $\pm$ 0.227 χ^2/NDF : 556.7/51

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 40.028 $\pm$ 0.563 χ^2 /NDF:1117.6/8

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

Left In: 40.900 $\pm$ 0.570 χ^2 /NDF:181.3/6

Left: 40.459 $\pm$ 0.400 χ^2 /NDF: 1300.1/15

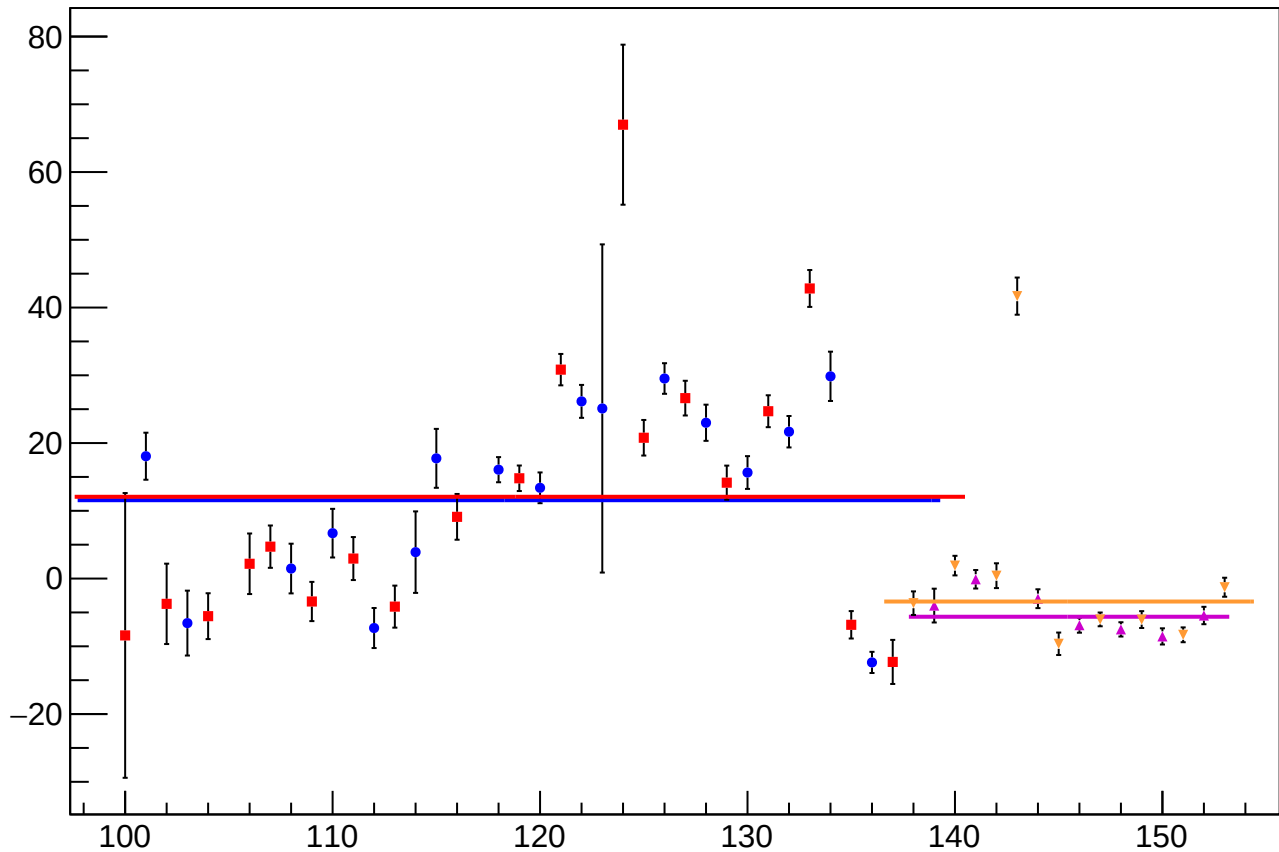
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 47.057 $\pm$ 0.504 χ^2 /NDF:2563.1/23

Out: 47.806 $\pm$ 0.498 χ^2 /NDF:3892.5/27

All: 47.436 $\pm$ 0.354 χ^2 /NDF: 6456.7/51

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.388 $\pm$ 0.468 χ^2 /NDF:335.8/8

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

Left In: -5.635 $\pm$ 0.486 χ^2 /NDF:30.8/6

Left: -4.469 $\pm$ 0.337 χ^2 /NDF: 377.7/15

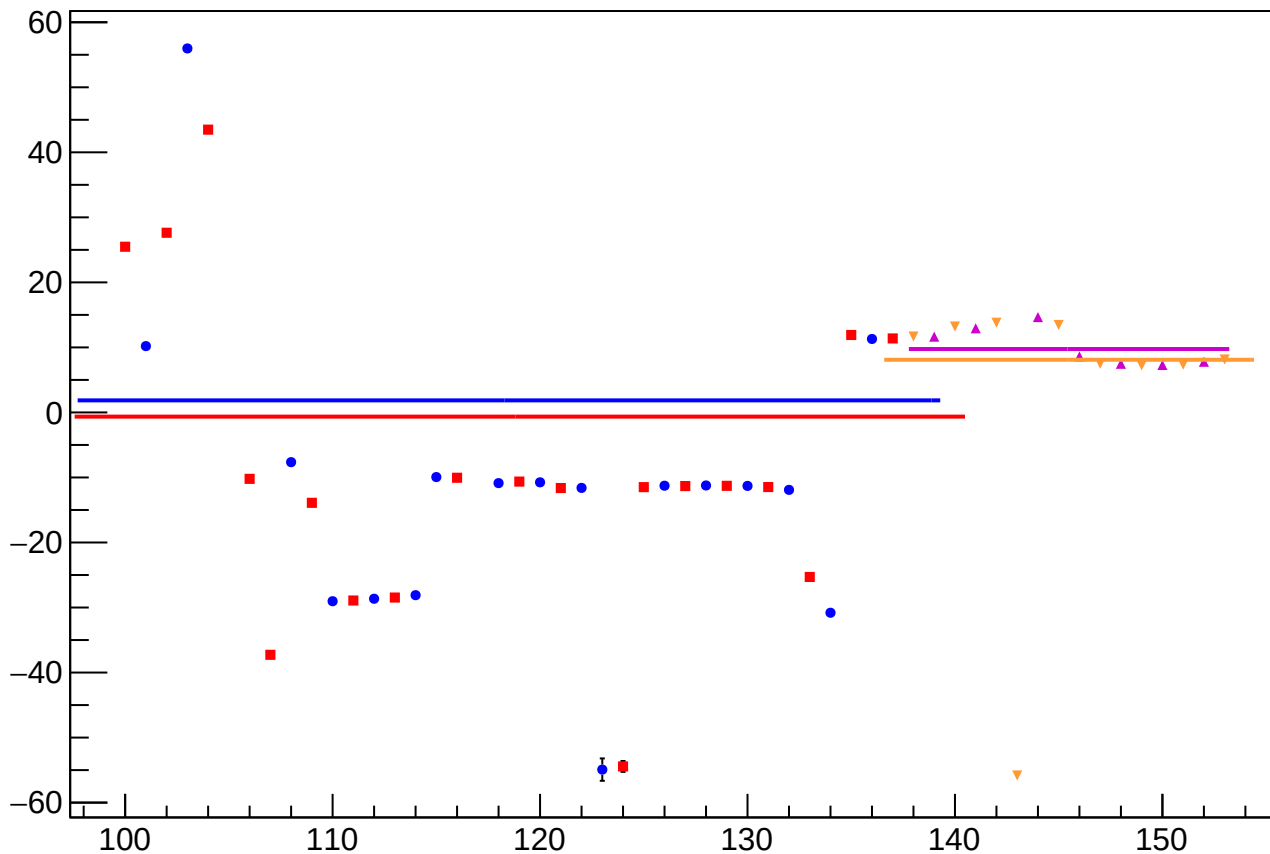
Right: 11.816 $\pm$ 0.468 χ^2 /NDF: 1021.8/35

In: 0.434 $\pm$ 0.391 χ^2 /NDF:950.9/23

Out: 1.737 $\pm$ 0.383 χ^2 /NDF:1240.9/27

All: 1.100 $\pm$ 0.273 χ^2 /NDF: 2197.5/51

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 8.099+/-0.023 χ^2/NDF :222423.0/8

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

Left In: 9.751+/-0.024 χ^2/NDF :12028.8/6

Left: 8.917+/-0.017 χ^2/NDF : 236943.2/15

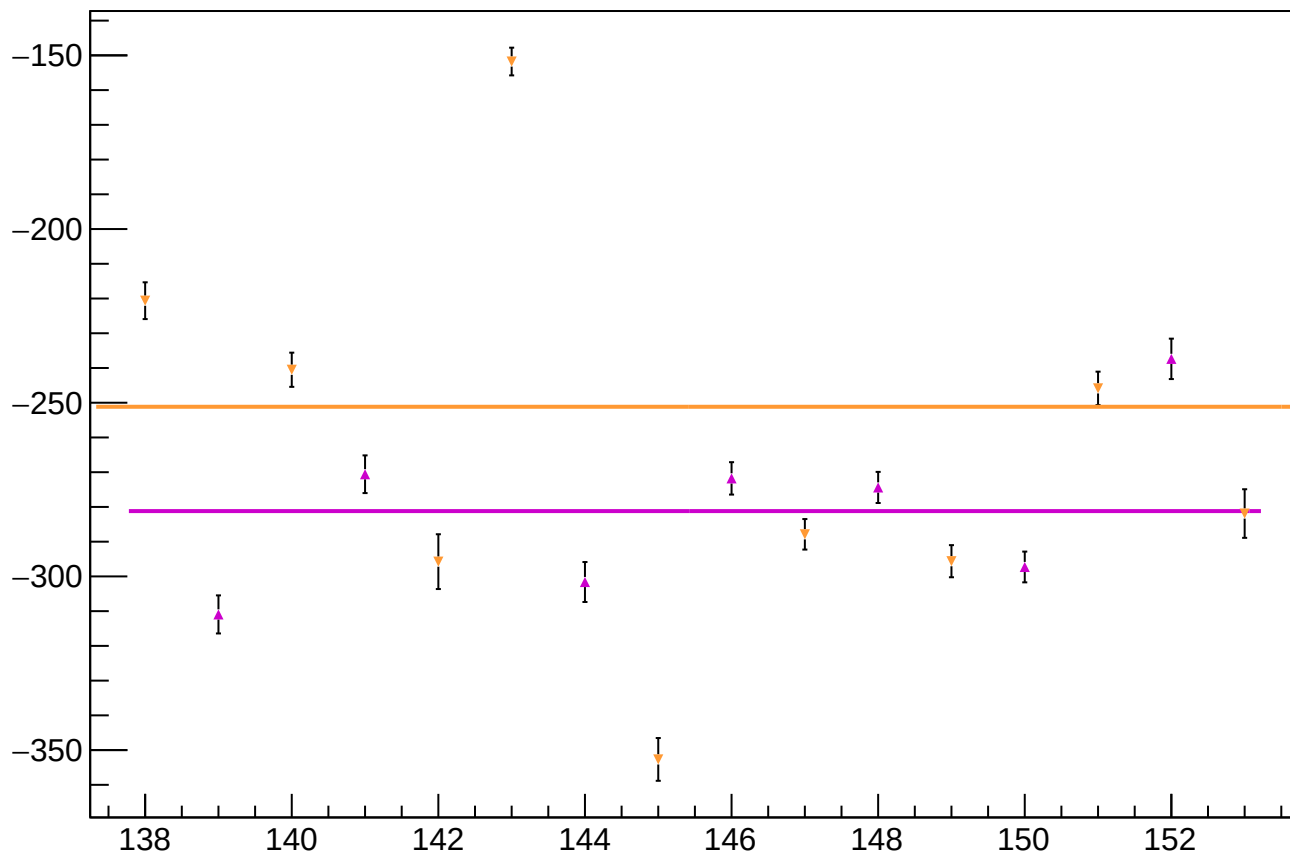
Right: 0.608+/-0.026 χ^2/NDF : 723318.4/35

In: 7.479+/-0.020 χ^2/NDF :403883.2/23

Out: 5.622+/-0.020 χ^2/NDF :623955.7/27

All: 6.544+/-0.014 χ^2/NDF : 1032243.6/51

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: -251.162+/-1.704 χ^2/NDF :1145.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.196+/-1.911 χ^2/NDF :122.2/6

Left: -264.464+/-1.272 χ^2/NDF : 1405.1/15

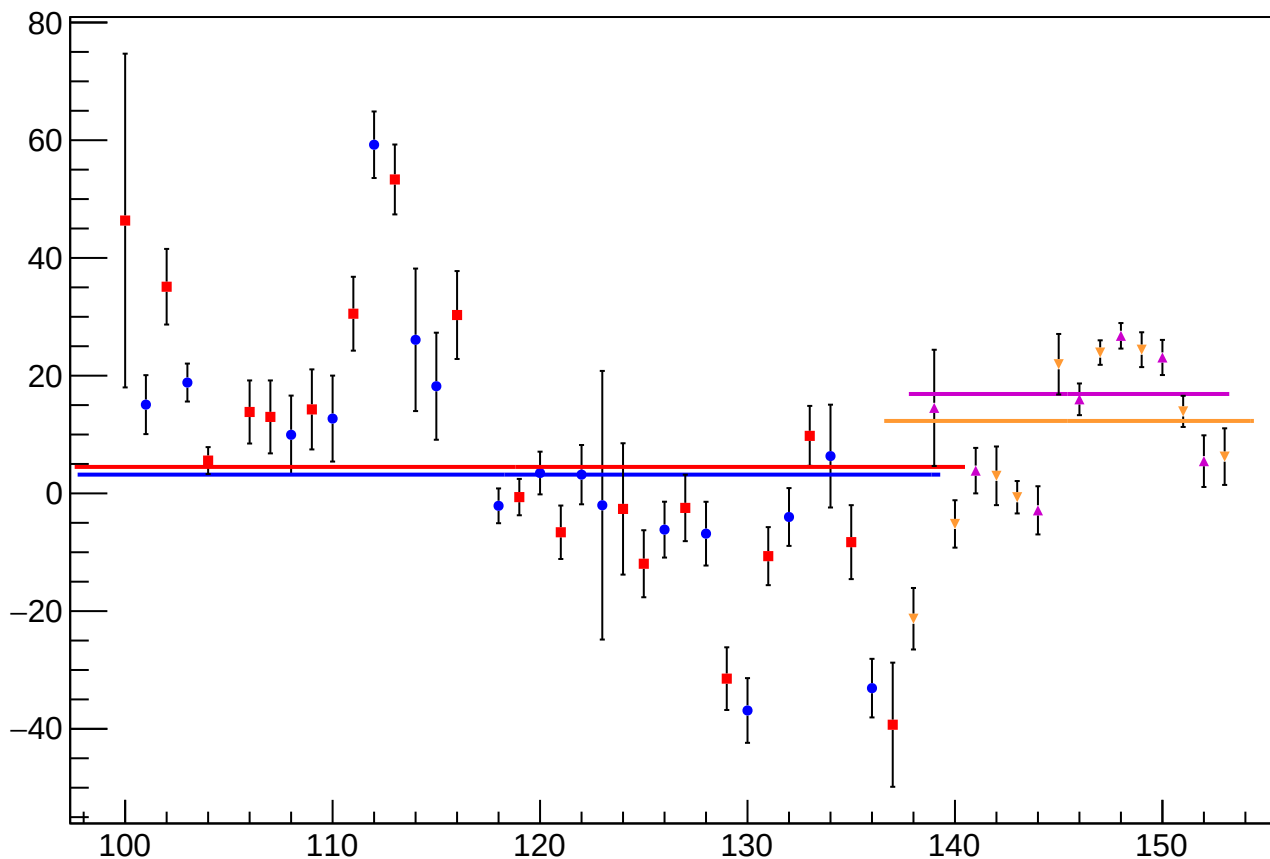
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.196+/-1.911 χ^2/NDF :122.2/6

Out: -251.162+/-1.704 χ^2/NDF :1145.3/8

All: -264.464+/-1.272 χ^2/NDF : 1405.1/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 $\pm$ 1.225 χ^2 /NDF: 255.6/16

Left Out: 12.308 $\pm$ 1.092 χ^2 /NDF:139.2/8

Right Out: 4.497 $\pm$ 1.160 χ^2 /NDF: 225.4/18

Left In: 16.888 $\pm$ 1.239 χ^2 /NDF:66.7/6

Left: 14.310 $\pm$ 0.819 χ^2 /NDF: 213.6/15

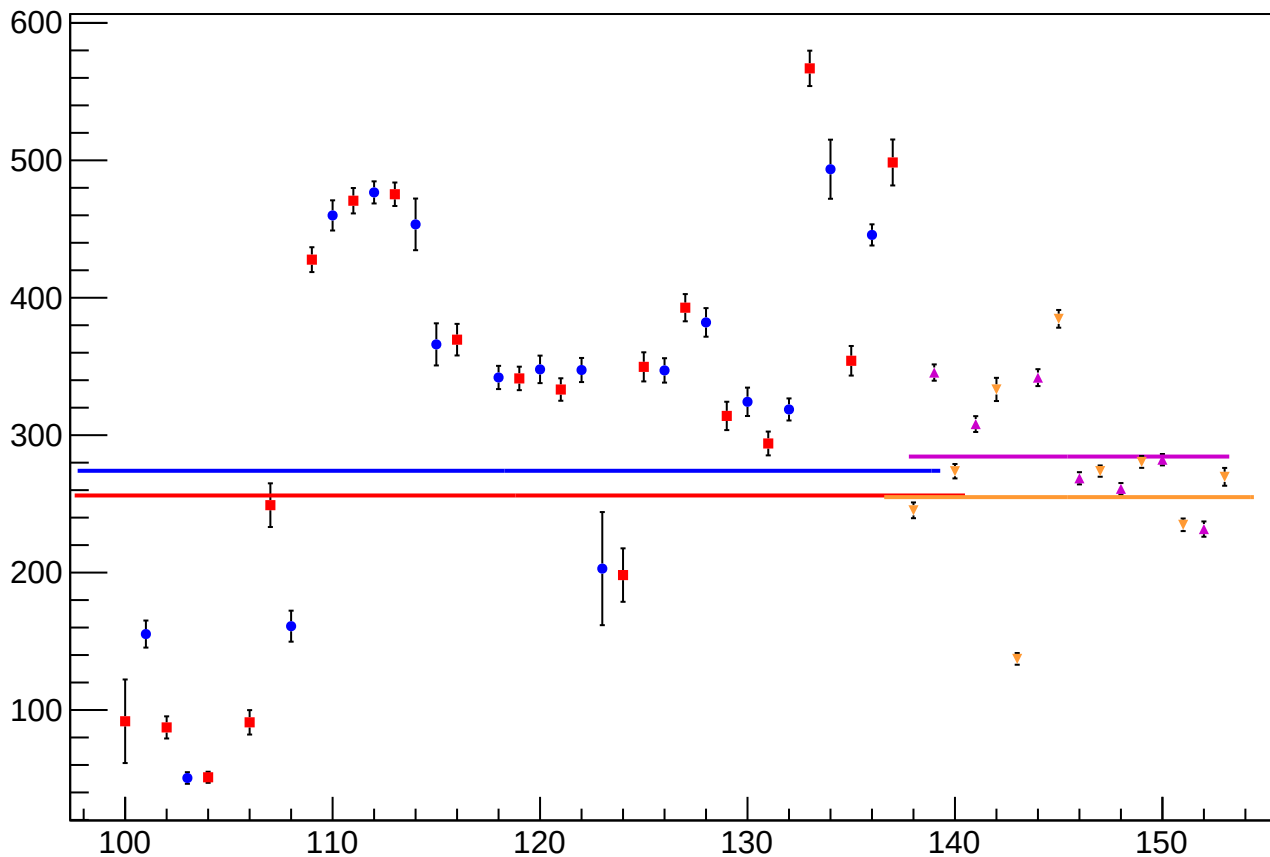
Right: 3.879 $\pm$ 0.842 χ^2 /NDF: 481.7/35

In: 9.962 $\pm$ 0.871 χ^2 /NDF:384.1/23

Out: 8.639 $\pm$ 0.795 χ^2 /NDF:388.7/27

All: 9.240 $\pm$ 0.587 χ^2 /NDF: 774.1/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 254.916+/-1.704 χ^2/NDF :1350.8/8

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 284.437+/-1.881 χ^2/NDF :343.9/6

Left: 268.224+/-1.263 χ^2/NDF : 1830.0/15

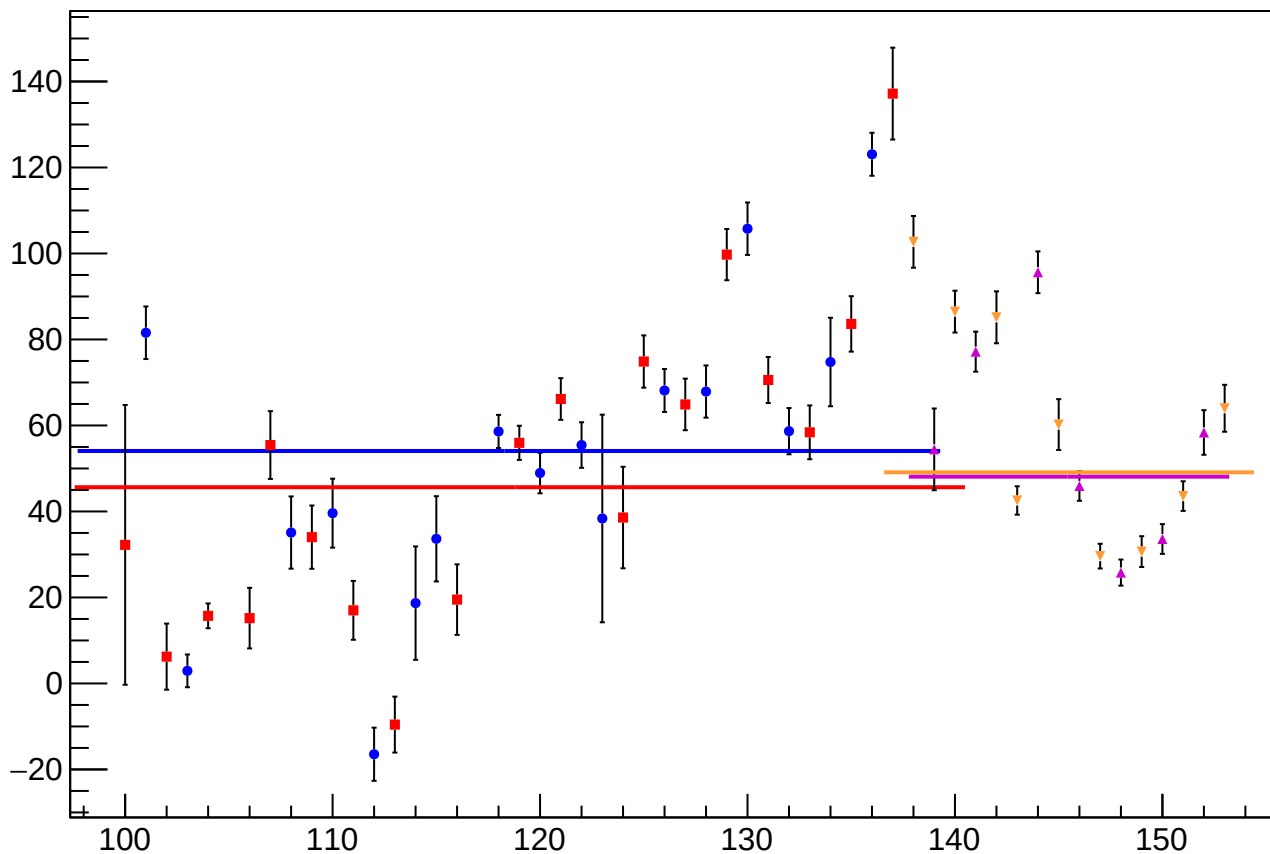
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 280.041+/-1.427 χ^2/NDF :5468.8/23

Out: 255.395+/-1.318 χ^2/NDF :7795.1/27

All: 266.742+/-0.968 χ^2/NDF : 13424.8/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 49.103 $\pm$ 1.367 χ^2 /NDF:264.3/8

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 48.092 $\pm$ 1.557 χ^2 /NDF:211.0/6

Left: 48.663 $\pm$ 1.027 χ^2 /NDF: 475.5/15

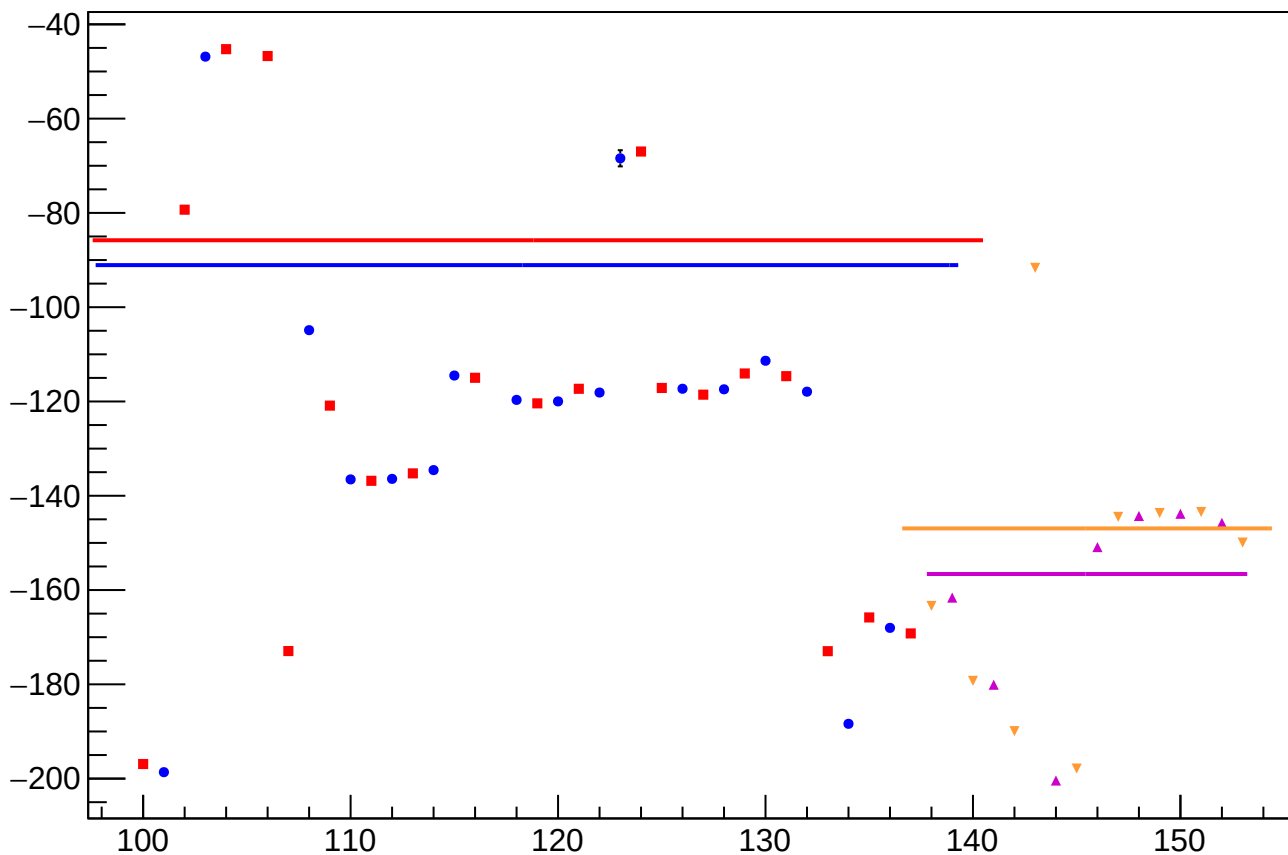
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 51.352 $\pm$ 1.049 χ^2 /NDF:853.5/23

Out: 47.360 $\pm$ 0.964 χ^2 /NDF:798.3/27

All: 49.186 $\pm$ 0.710 χ^2 /NDF: 1659.6/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -146.927 ± 0.072 $\chi^2/\text{NDF}: 186662.7/8$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

Left In: -156.599 ± 0.079 $\chi^2/\text{NDF}: 50225.8/6$

Left: -151.308 ± 0.053 $\chi^2/\text{NDF}: 245172.8/15$

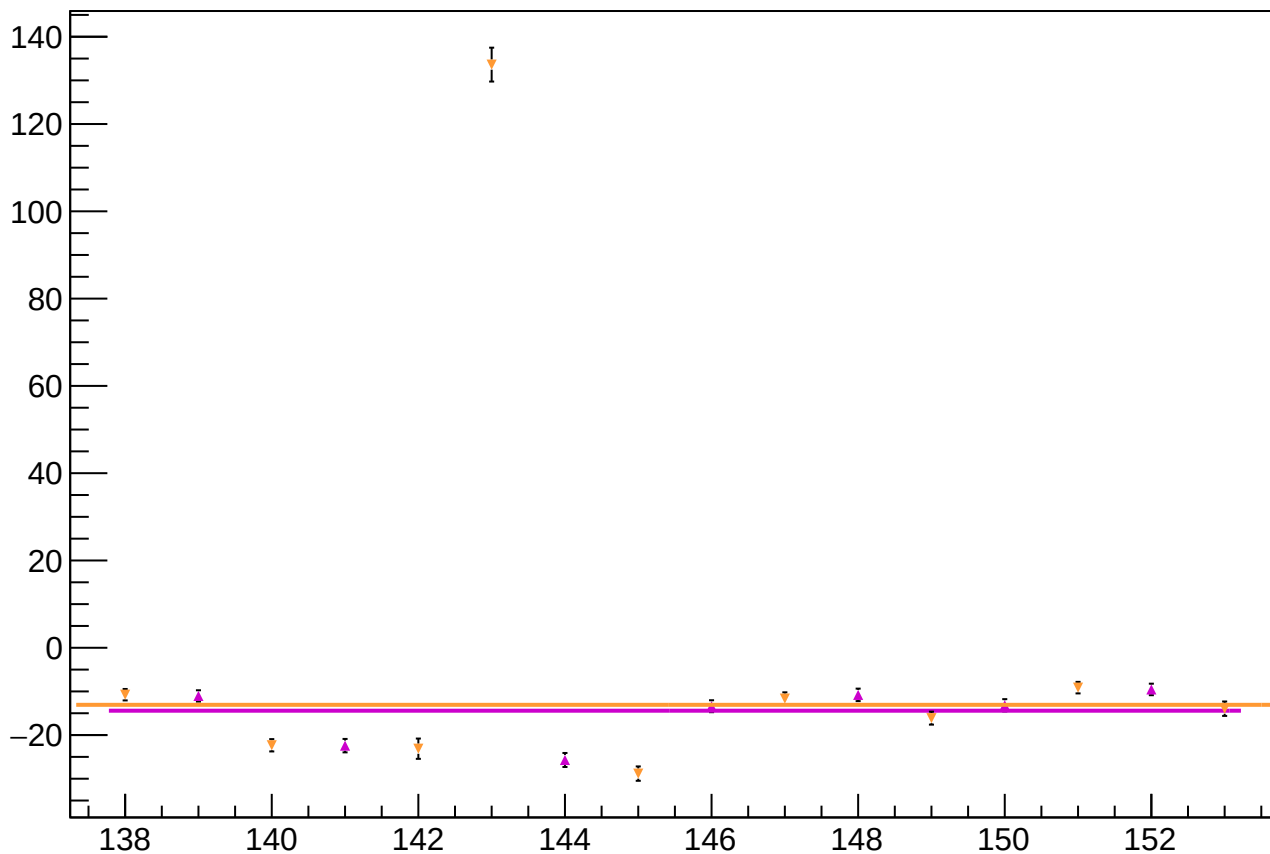
Right: -88.339 ± 0.047 $\chi^2/\text{NDF}: 1033703.0/35$

In: -118.902 ± 0.051 $\chi^2/\text{NDF}: 984730.1/23$

Out: -113.470 ± 0.048 $\chi^2/\text{NDF}: 1082321.0/27$

All: -116.017 ± 0.035 $\chi^2/\text{NDF}: 2073024.1/51$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.071+/-0.529 χ^2/NDF :1599.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.419+/-0.534 χ^2/NDF :104.6/6

Left: -13.737+/-0.376 χ^2/NDF : 1707.0/15

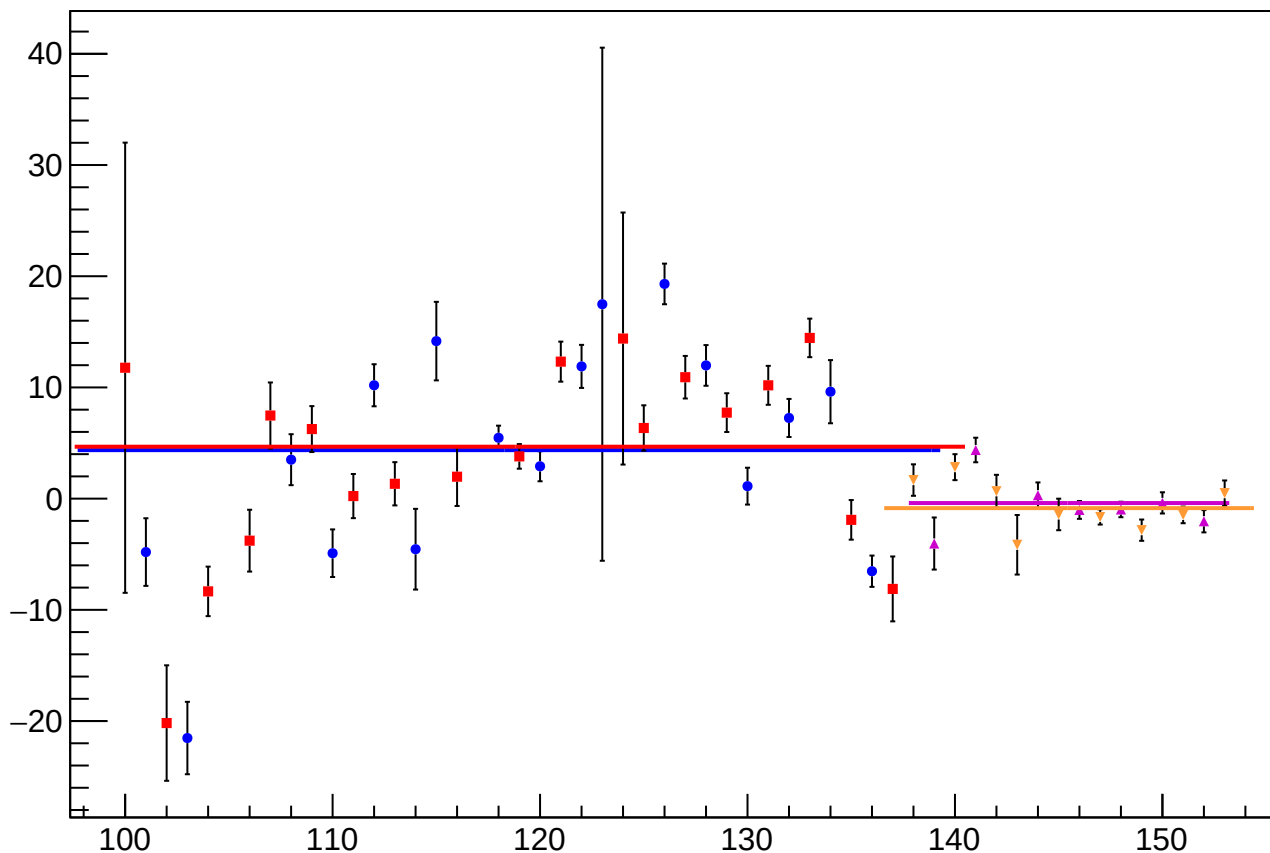
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.419+/-0.534 χ^2/NDF :104.6/6

Out: -13.071+/-0.529 χ^2/NDF :1599.2/8

All: -13.737+/-0.376 χ^2/NDF : 1707.0/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: -0.854 ± 0.351 $\chi^2/\text{NDF}: 23.6/8$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

Left In: -0.397 ± 0.366 $\chi^2/\text{NDF}: 25.4/6$

Left: -0.635 ± 0.253 $\chi^2/\text{NDF}: 49.8/15$

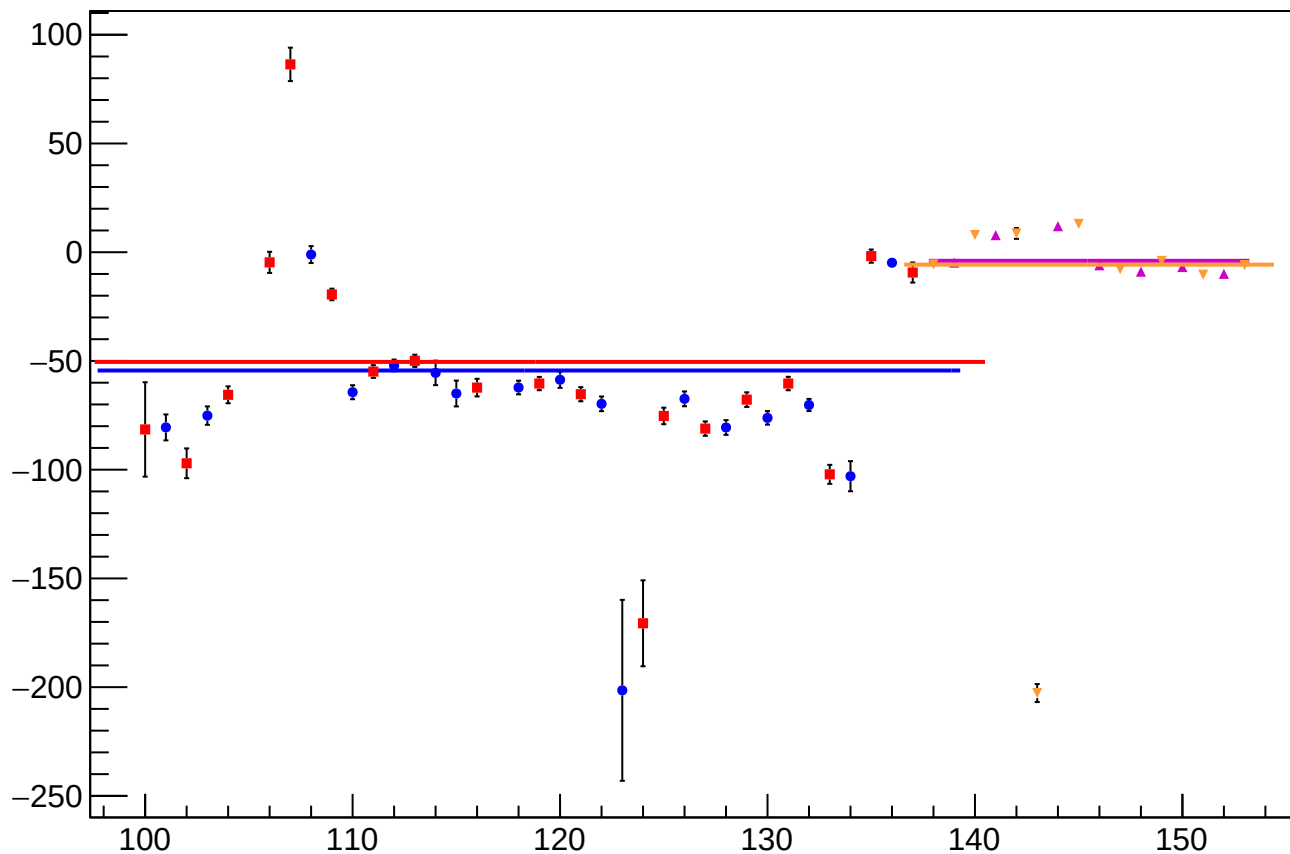
Right: 4.512 ± 0.332 $\chi^2/\text{NDF}: 472.1/35$

In: 1.424 ± 0.287 $\chi^2/\text{NDF}: 376.7/23$

Out: 1.100 ± 0.282 $\chi^2/\text{NDF}: 296.7/27$

All: 1.259 ± 0.201 $\chi^2/\text{NDF}: 674.1/51$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -5.708 ± 0.526 χ^2/NDF : 2513.8/8

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

Left In: -3.948 ± 0.530 χ^2/NDF : 181.3/6

Left: -4.836 ± 0.373 χ^2/NDF : 2700.7/15

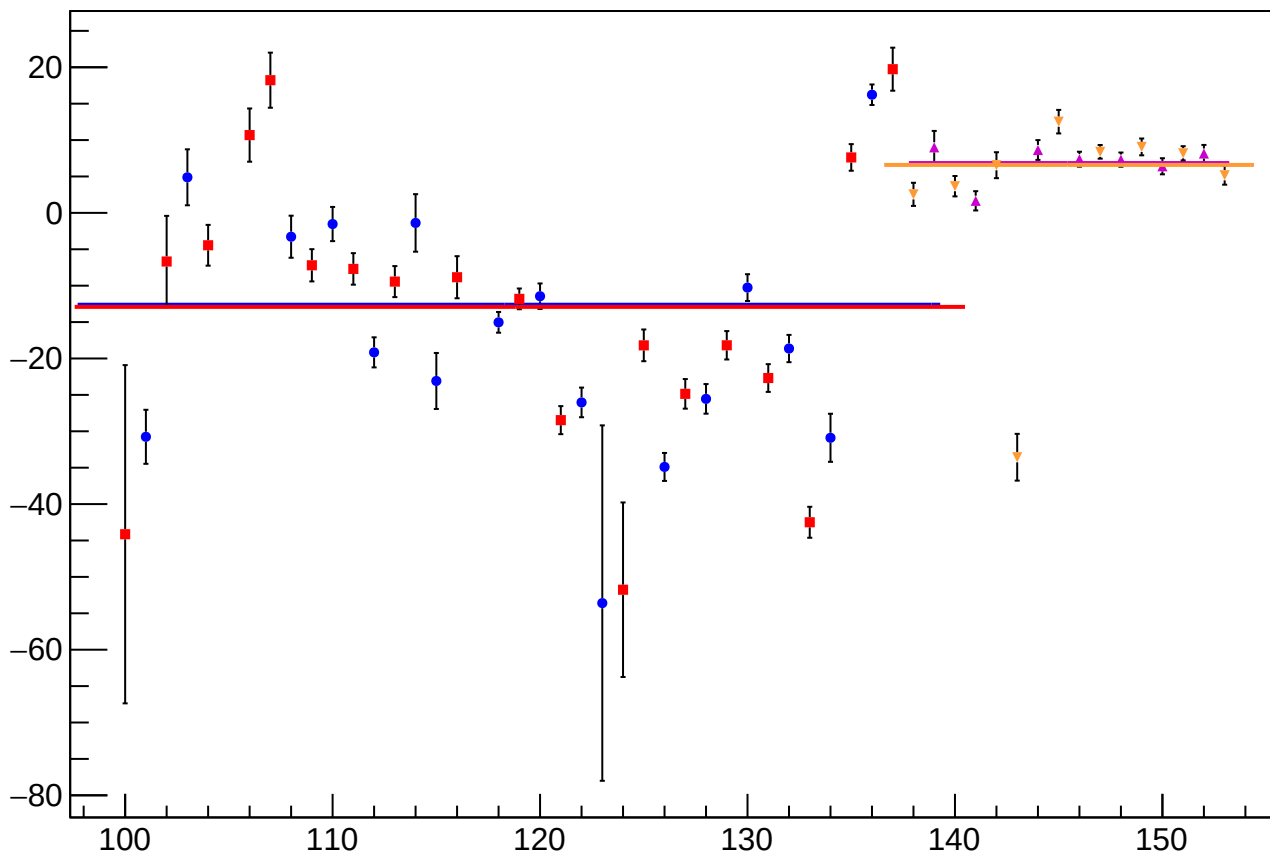
Right: -52.405 ± 0.608 χ^2/NDF : 2348.7/35

In: -17.780 ± 0.452 χ^2/NDF : 3677.3/23

Out: -17.928 ± 0.448 χ^2/NDF : 5817.0/27

All: -17.854 ± 0.318 χ^2/NDF : 9494.3/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.588 ± 0.437 χ^2/NDF : 192.8/8

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 6.845 ± 0.454 χ^2/NDF : 19.9/6

Left: 6.712 ± 0.315 χ^2/NDF : 212.8/15

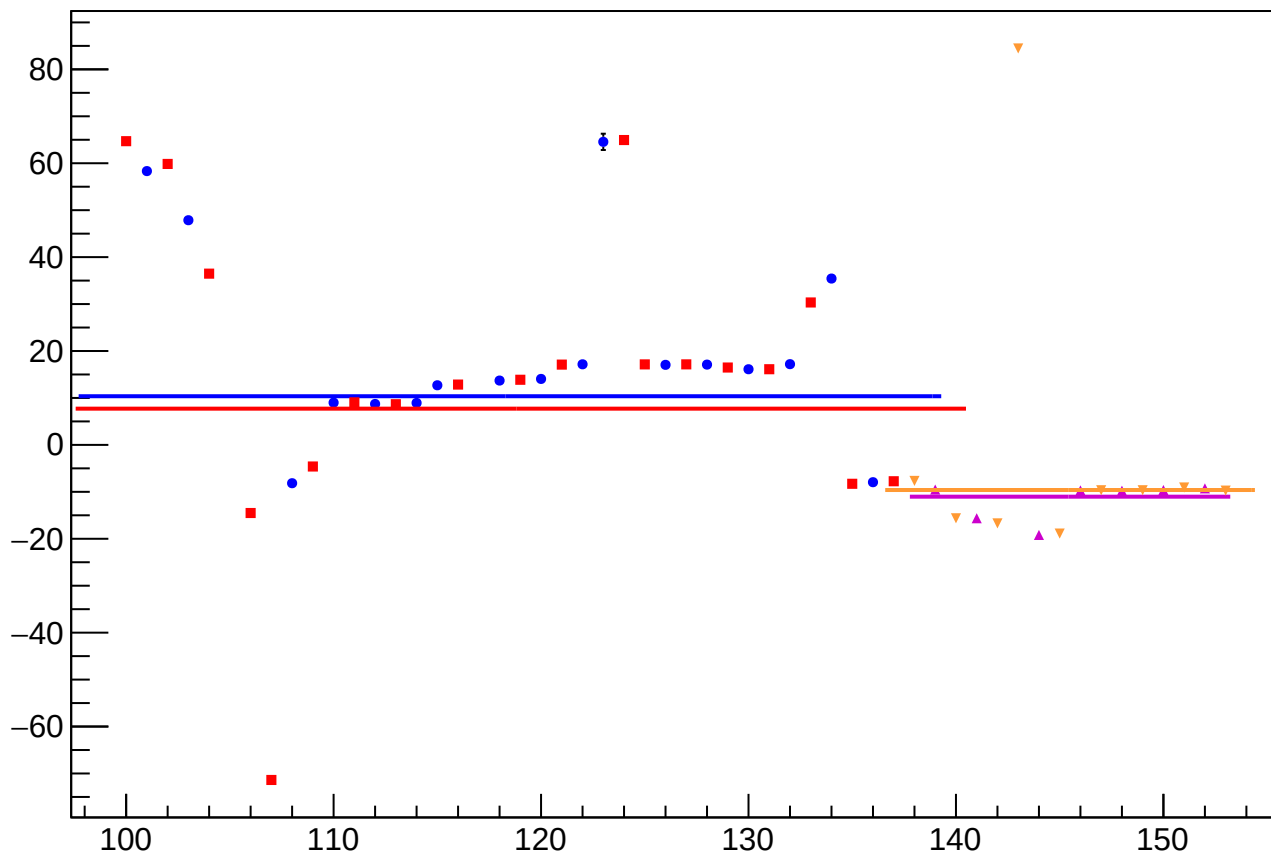
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -1.390 ± 0.345 χ^2/NDF : 1585.4/23

Out: -1.160 ± 0.339 χ^2/NDF : 1714.2/27

All: -1.273 ± 0.242 χ^2/NDF : 3299.8/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366 ± 0.031 χ^2/NDF : 381003.5/16

Left Out: -9.613 ± 0.022 χ^2/NDF : 354433.2/8

Right Out: 7.719 ± 0.031 χ^2/NDF : 545085.7/18

Left In: -11.033 ± 0.022 χ^2/NDF : 20360.3/6

Left: -10.319 ± 0.015 χ^2/NDF : 376915.8/15

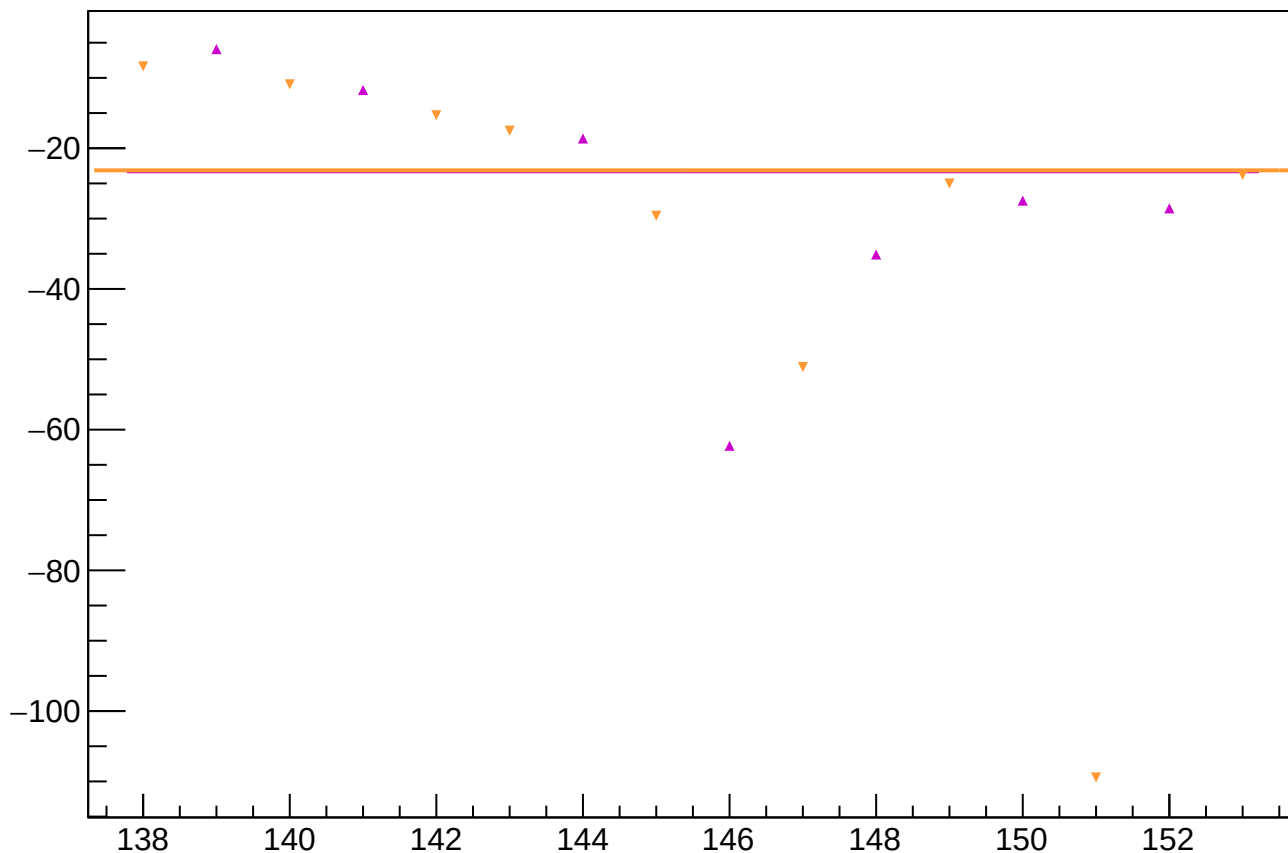
Right: 9.073 ± 0.022 χ^2/NDF : 929756.2/35

In: -3.786 ± 0.018 χ^2/NDF : 726129.7/23

Out: -3.959 ± 0.018 χ^2/NDF : 1106721.5/27

All: -3.872 ± 0.013 χ^2/NDF : 1832898.4/51

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: -23.141+/-0.092 χ^2/NDF : 48914.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Left: -23.203+/-0.066 χ^2/NDF : 77367.7/15

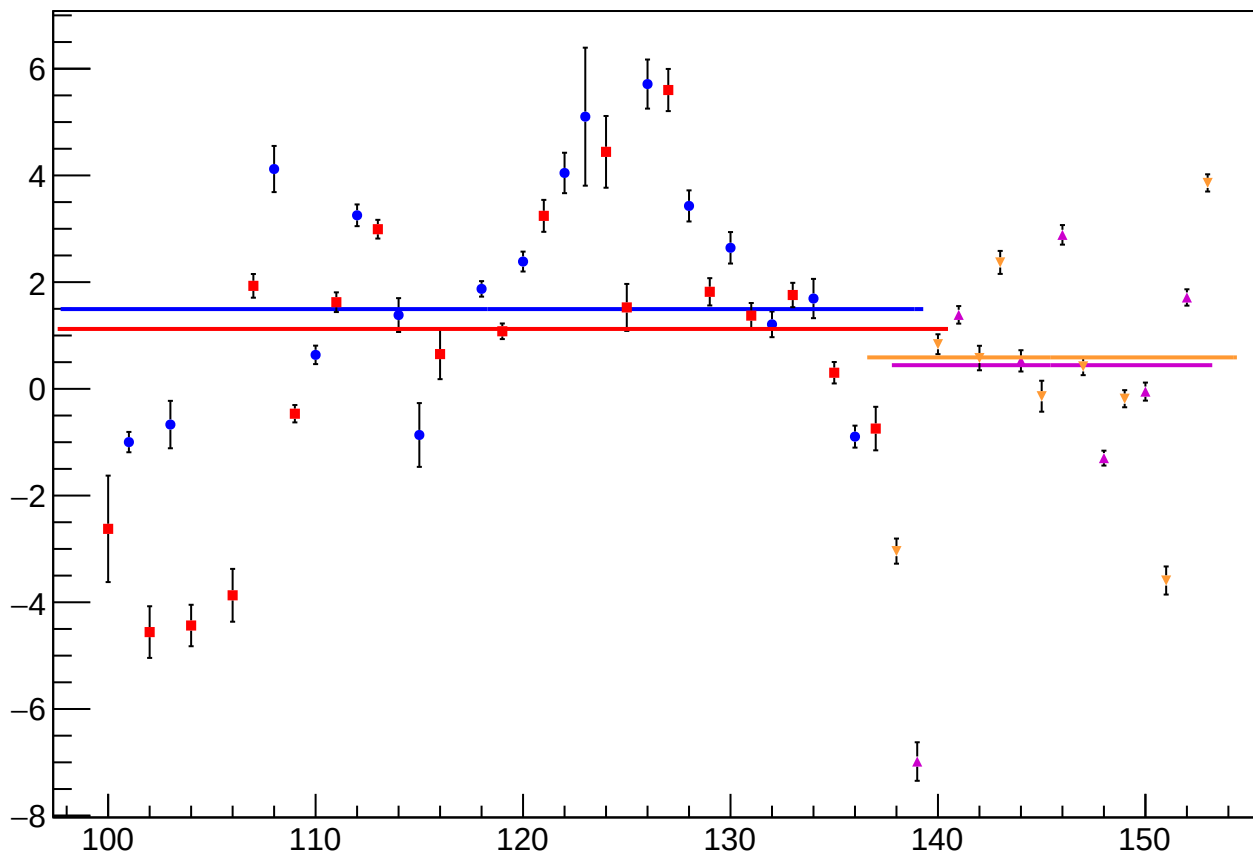
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Out: -23.141+/-0.092 χ^2/NDF : 48914.3/8

All: -23.203+/-0.066 χ^2/NDF : 77367.7/15

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: 0.590 $\pm$ 0.066 χ^2 /NDF:1001.1/8

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

Left In: 0.444 $\pm$ 0.066 χ^2 /NDF:866.2/6

Left: 0.517 $\pm$ 0.047 χ^2 /NDF: 1869.8/15

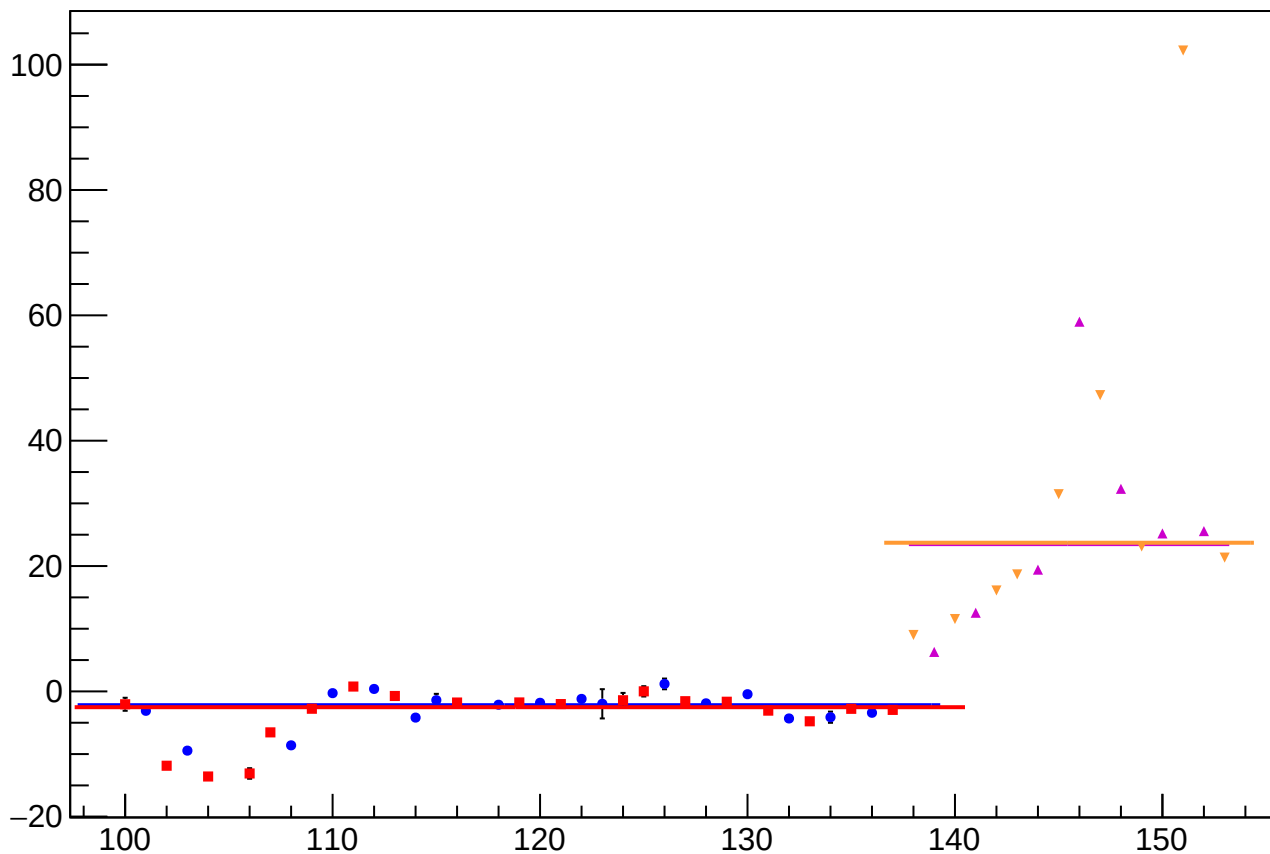
Right: 1.300 $\pm$ 0.042 χ^2 /NDF: 1674.8/35

In: 1.011 $\pm$ 0.045 χ^2 /NDF:1711.4/23

Out: 0.891 $\pm$ 0.044 χ^2 /NDF:1984.1/27

All: 0.949 $\pm$ 0.031 χ^2 /NDF: 3699.2/51

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 23.719 ± 0.093 χ^2/NDF : 43616.5/8

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 23.499 ± 0.093 χ^2/NDF : 23833.3/6

Left: 23.609 ± 0.066 χ^2/NDF : 67452.6/15

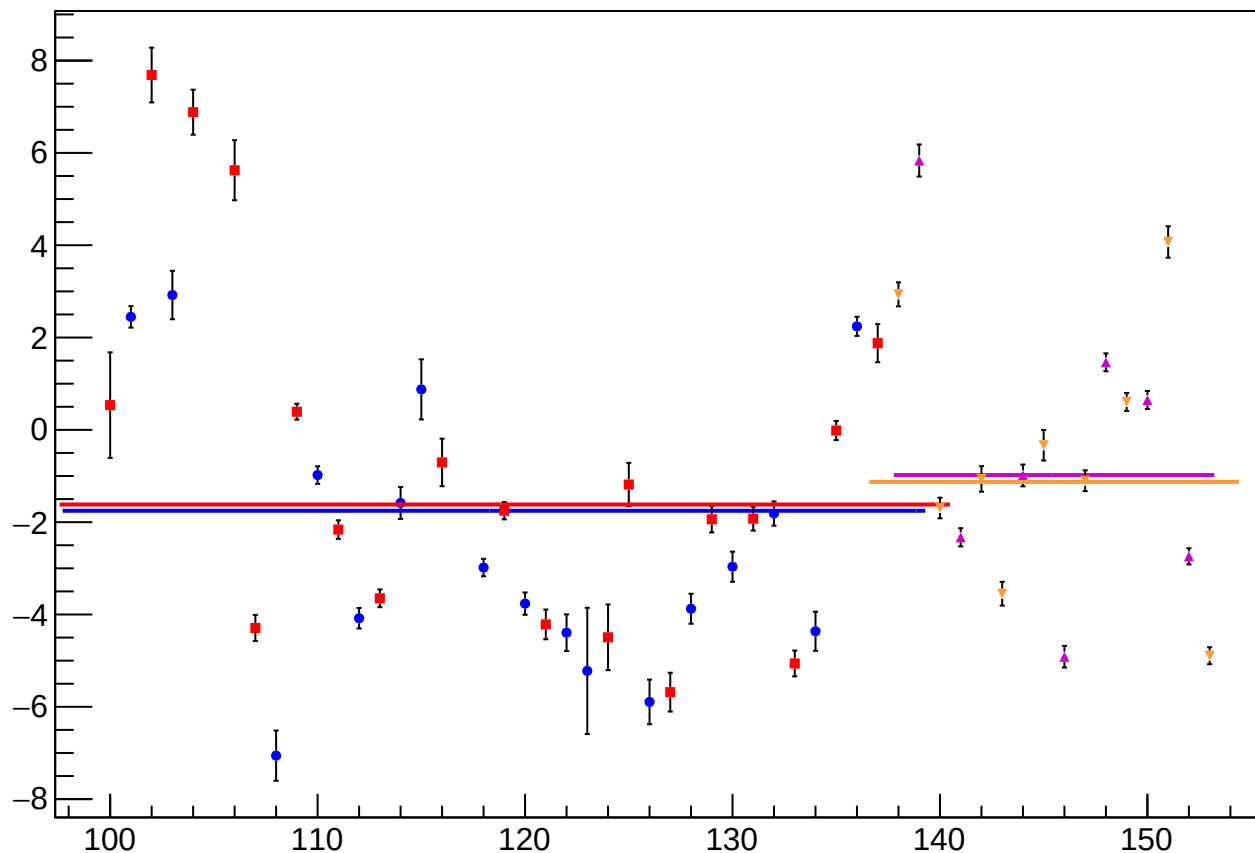
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: 12.856 ± 0.071 χ^2/NDF : 55933.7/23

Out: 11.373 ± 0.068 χ^2/NDF : 81752.4/27

All: 12.080 ± 0.049 χ^2/NDF : 137913.3/51

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -1.128 ± 0.080 $\chi^2/\text{NDF}: 1078.0/8$

Right Out: -1.617 ± 0.066 $\chi^2/\text{NDF}: 1487.5/18$

Left In: -0.979 ± 0.080 $\chi^2/\text{NDF}: 1041.1/6$

Left: -1.054 ± 0.057 $\chi^2/\text{NDF}: 2120.8/15$

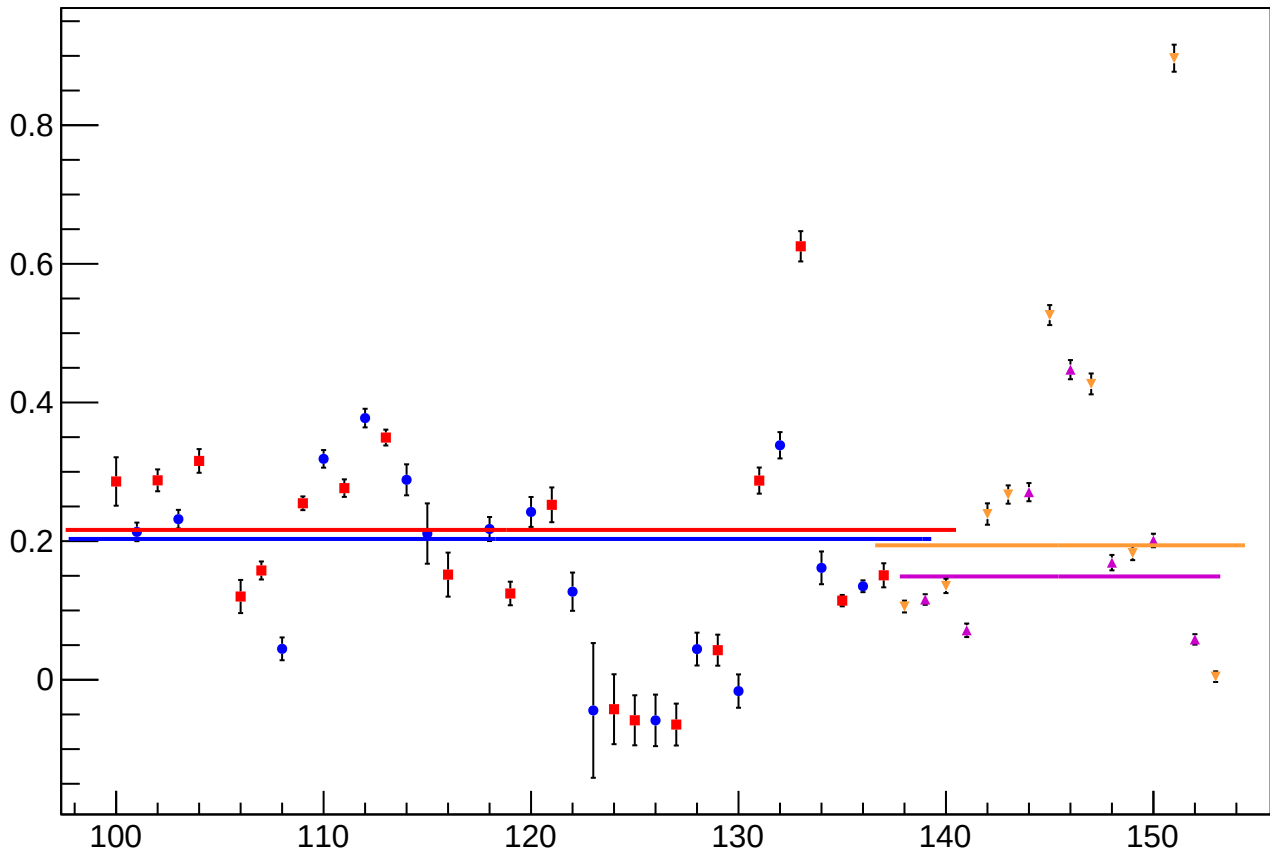
Right: -1.681 ± 0.048 $\chi^2/\text{NDF}: 2834.6/35$

In: -1.417 ± 0.053 $\chi^2/\text{NDF}: 2438.8/23$

Out: -1.420 ± 0.051 $\chi^2/\text{NDF}: 2587.9/27$

All: -1.418 ± 0.037 $\chi^2/\text{NDF}: 5026.7/51$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 677.2/16

Left Out: 0.194 $\pm$ 0.004 χ^2 /NDF: 2849.2/8

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

Left In: 0.149 $\pm$ 0.004 χ^2 /NDF: 809.5/6

Left: 0.171 $\pm$ 0.003 χ^2 /NDF: 3732.3/15

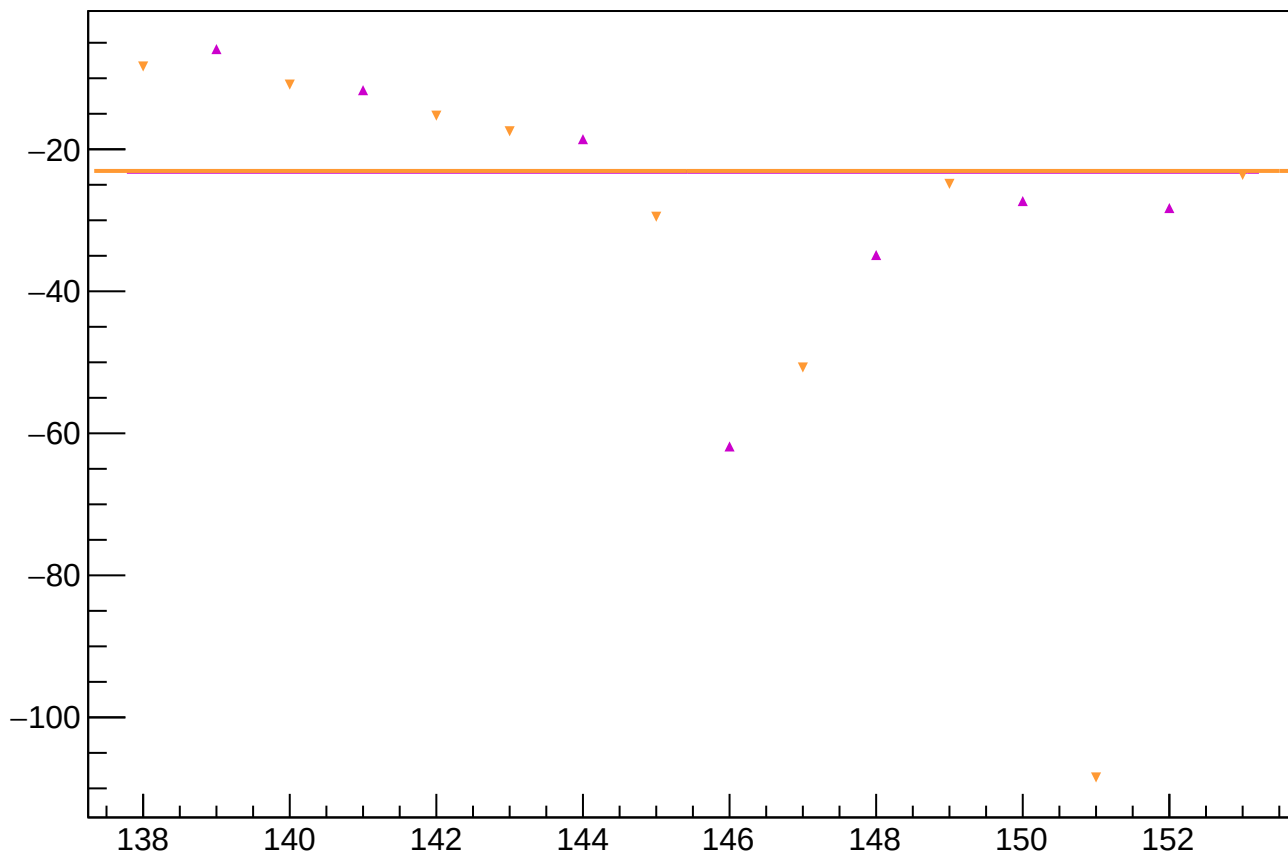
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1750.0/35

In: 0.173 $\pm$ 0.003 χ^2 /NDF: 1582.7/23

Out: 0.205 $\pm$ 0.003 χ^2 /NDF: 3934.4/27

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 5590.0/51

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.050+/-0.092 χ^2/NDF : 48795.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Left: -23.105+/-0.065 χ^2/NDF : 77152.0/15

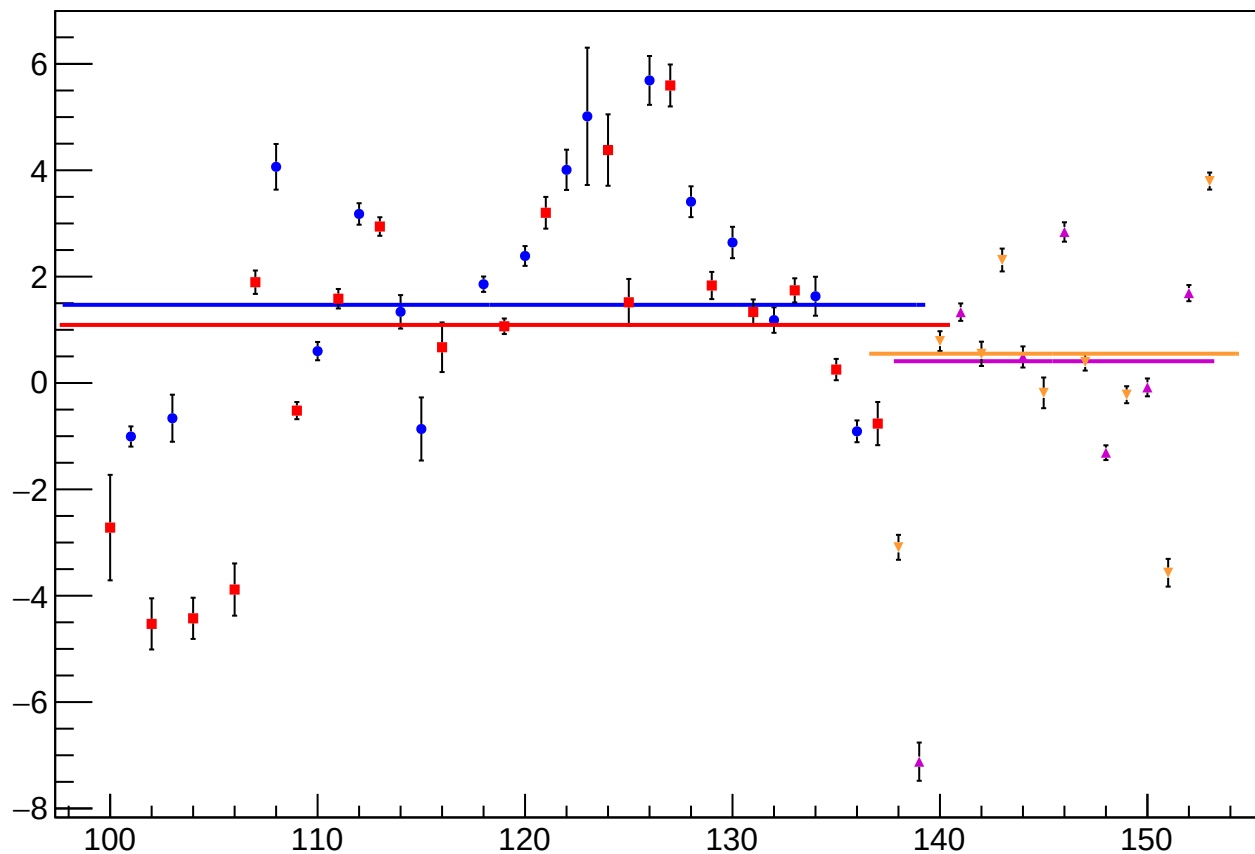
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Out: -23.050+/-0.092 χ^2/NDF : 48795.8/8

All: -23.105+/-0.065 χ^2/NDF : 77152.0/15

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 0.551 ± 0.066 χ^2/NDF : 1001.0/8

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

Left In: 0.410 ± 0.066 χ^2/NDF : 882.2/6

Left: 0.480 ± 0.047 χ^2/NDF : 1885.5/15

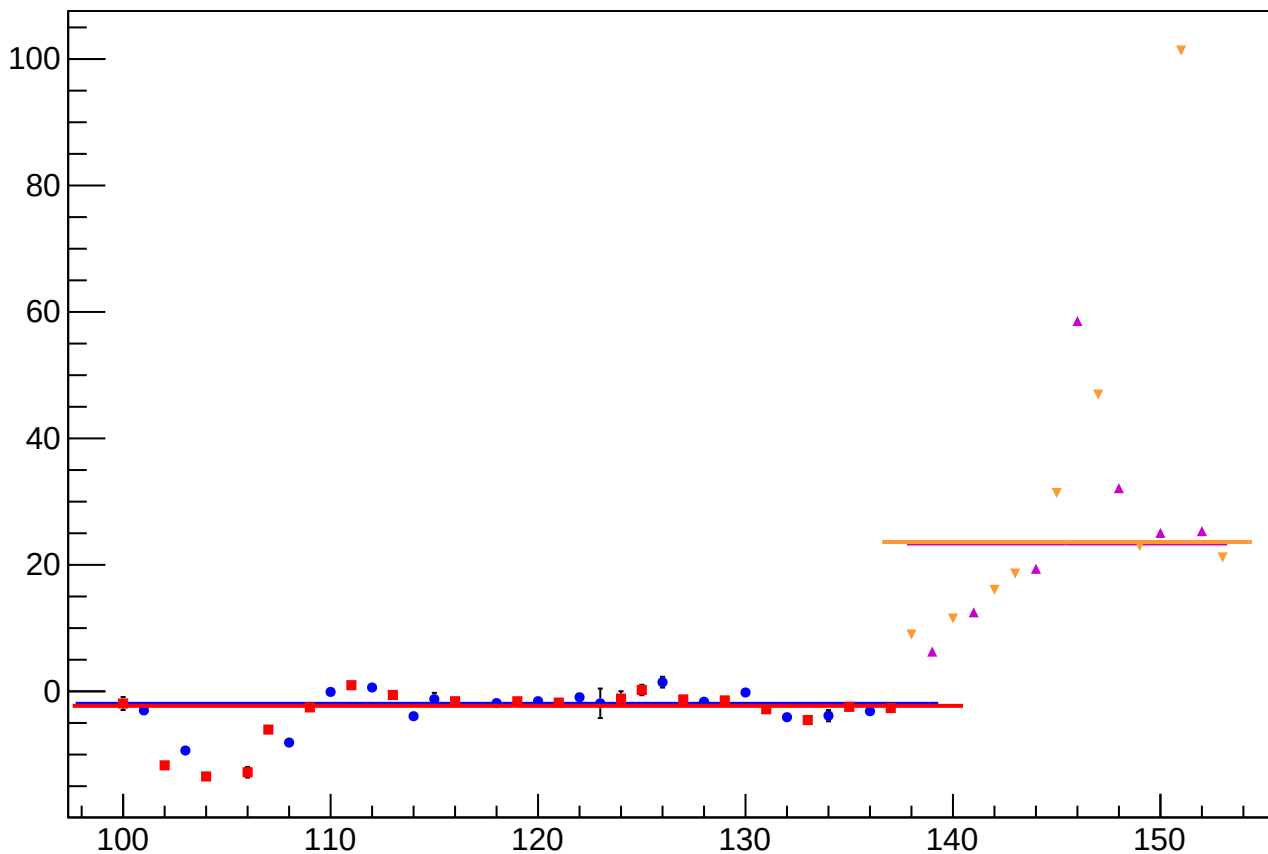
Right: 1.272 ± 0.042 χ^2/NDF : 1680.2/35

In: 0.981 ± 0.045 χ^2/NDF : 1730.2/23

Out: 0.856 ± 0.043 χ^2/NDF : 1991.1/27

All: 0.917 ± 0.031 χ^2/NDF : 3725.4/51

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 23.618 ± 0.093 χ^2/NDF : 43510.9/8

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

Left In: 23.385 ± 0.092 χ^2/NDF : 23751.9/6

Left: 23.501 ± 0.065 χ^2/NDF : 67265.9/15

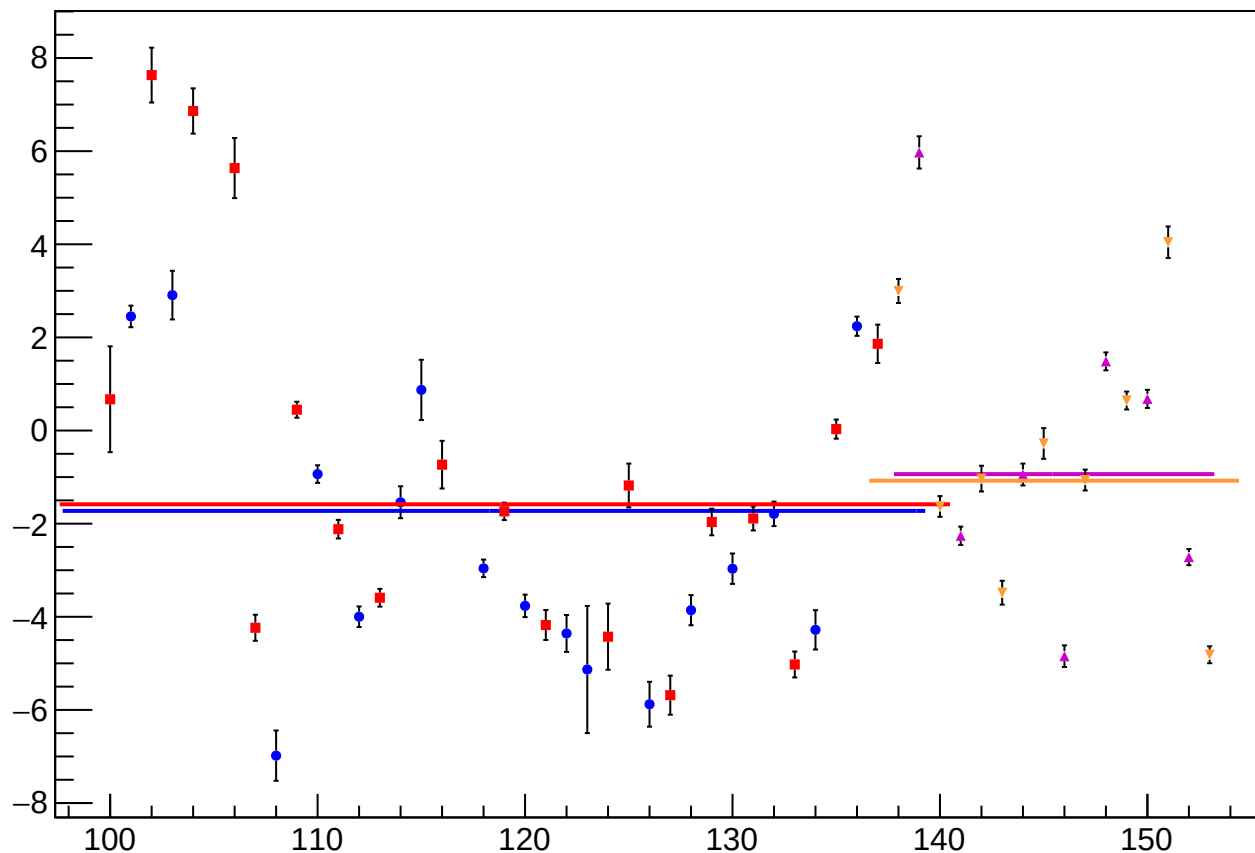
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: 12.899 ± 0.071 χ^2/NDF : 55371.8/23

Out: 11.434 ± 0.067 χ^2/NDF : 81136.0/27

All: 12.132 ± 0.049 χ^2/NDF : 136732.2/51

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -1.077 ± 0.079 χ^2/NDF : 1078.6/8

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: -0.936 ± 0.080 χ^2/NDF : 1058.5/6

Left: -1.007 ± 0.056 χ^2/NDF : 2138.6/15

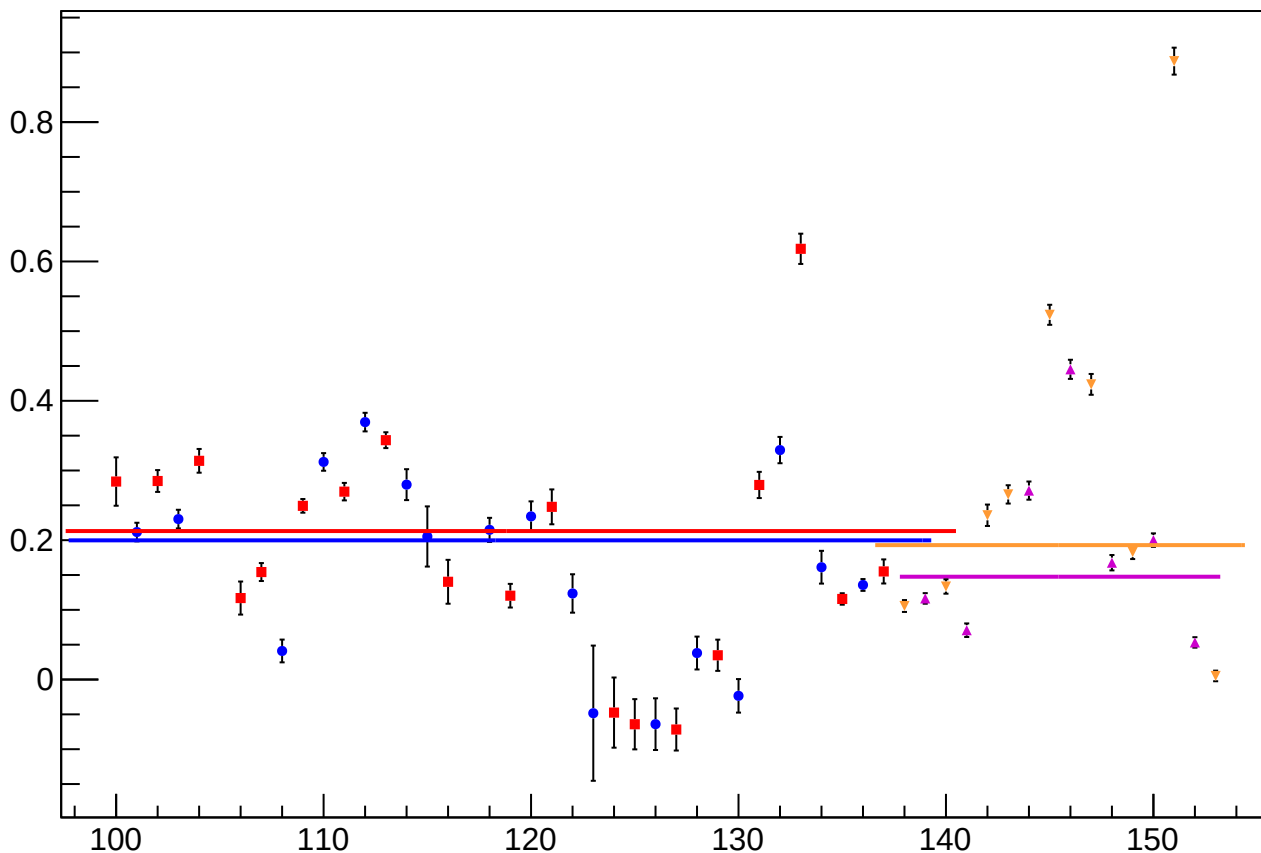
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.382 ± 0.053 χ^2/NDF : 2455.4/23

Out: -1.379 ± 0.050 χ^2/NDF : 2595.7/27

All: -1.381 ± 0.036 χ^2/NDF : 5051.1/51

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.193 ± 0.004 χ^2/NDF : 2839.2/8

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

Left In: 0.148 ± 0.004 χ^2/NDF : 830.1/6

Left: 0.170 ± 0.003 χ^2/NDF : 3745.4/15

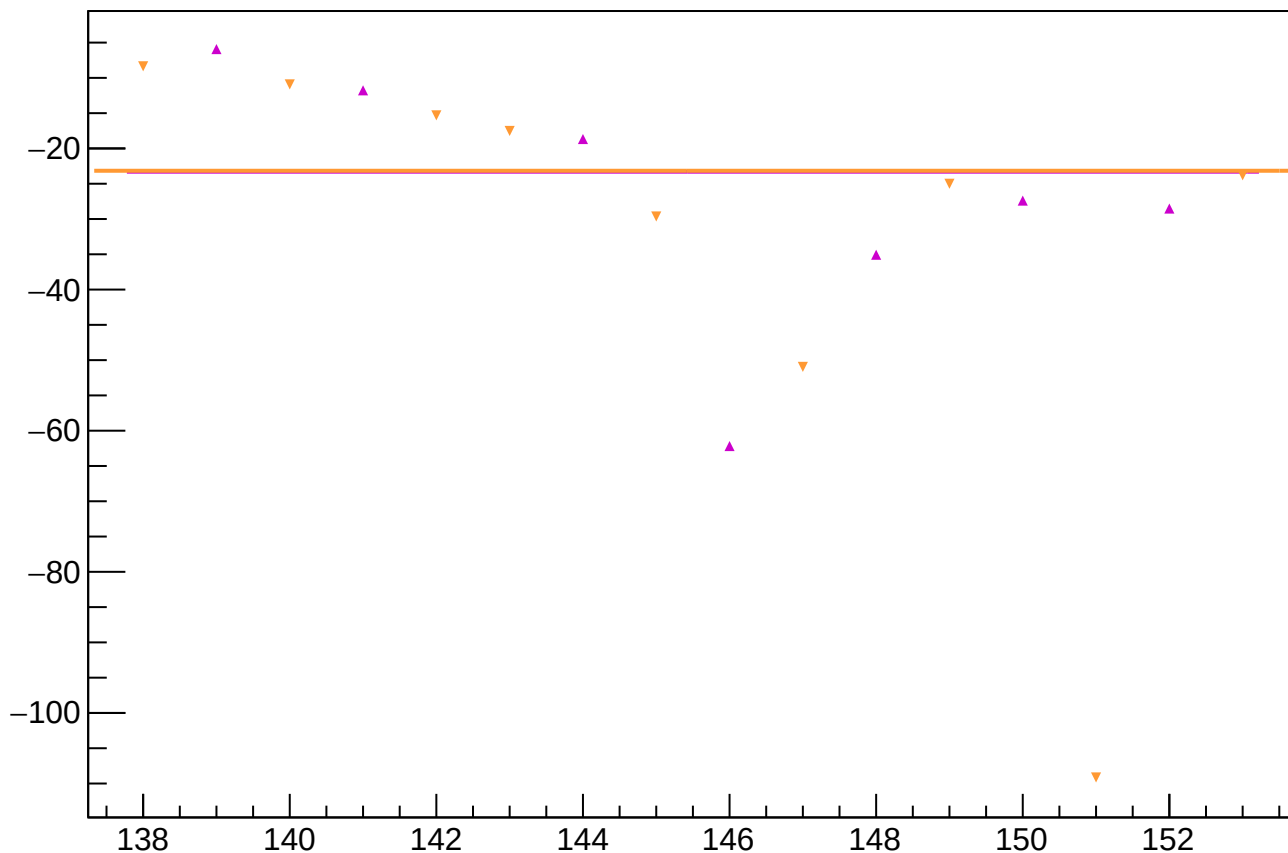
Right: 0.207 ± 0.003 χ^2/NDF : 1719.2/35

In: 0.170 ± 0.003 χ^2/NDF : 1583.0/23

Out: 0.203 ± 0.003 χ^2/NDF : 3905.0/27

All: 0.187 ± 0.002 χ^2/NDF : 5562.9/51

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: -23.163+/-0.092 χ^2/NDF : 48898.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Left: -23.226+/-0.066 χ^2/NDF : 77299.8/15

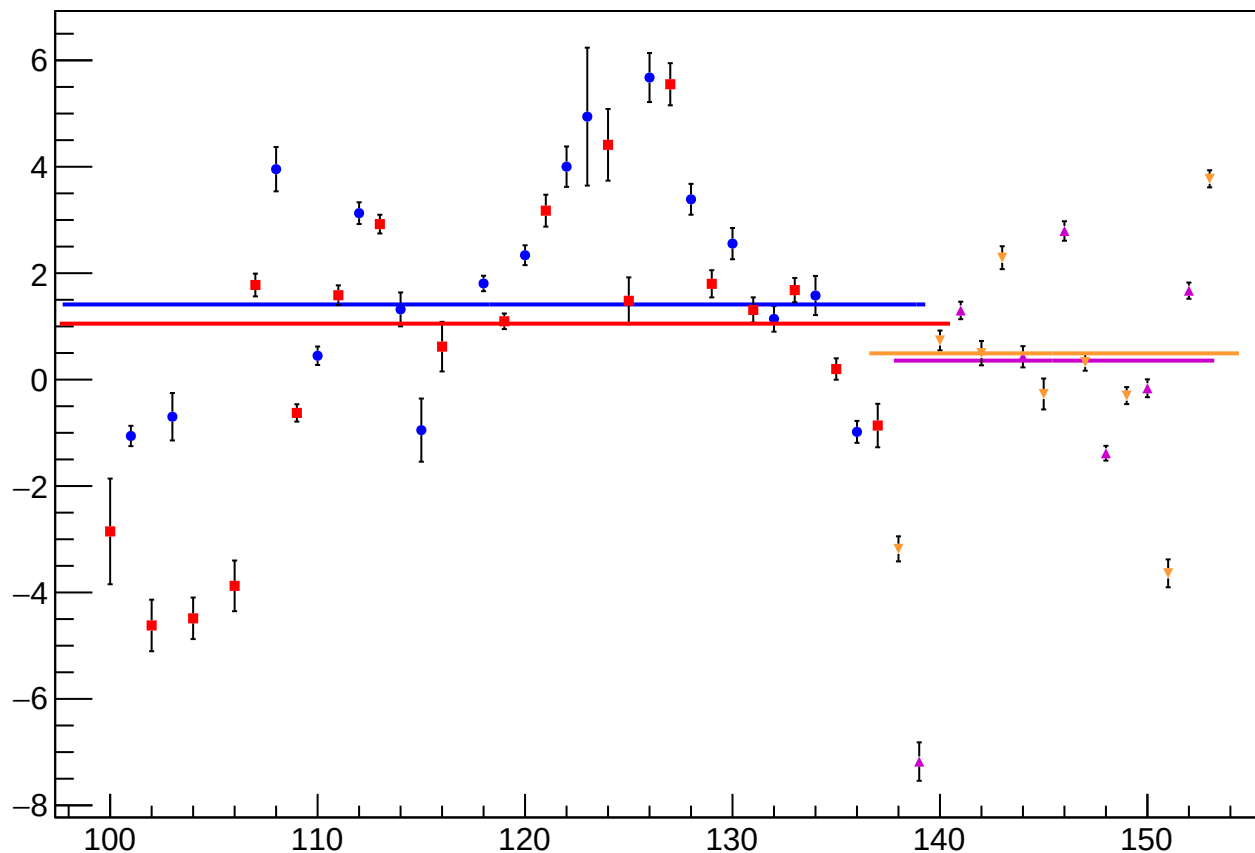
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Out: -23.163+/-0.092 χ^2/NDF : 48898.4/8

All: -23.226+/-0.066 χ^2/NDF : 77299.8/15

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 $\pm$ 0.061 χ^2 /NDF: 713.9/16

Left Out: 0.493 $\pm$ 0.066 χ^2 /NDF:1010.6/8

Right Out: 1.052 $\pm$ 0.058 χ^2 /NDF: 963.3/18

Left In: 0.357 $\pm$ 0.066 χ^2 /NDF:885.2/6

Left: 0.425 $\pm$ 0.047 χ^2 /NDF: 1898.0/15

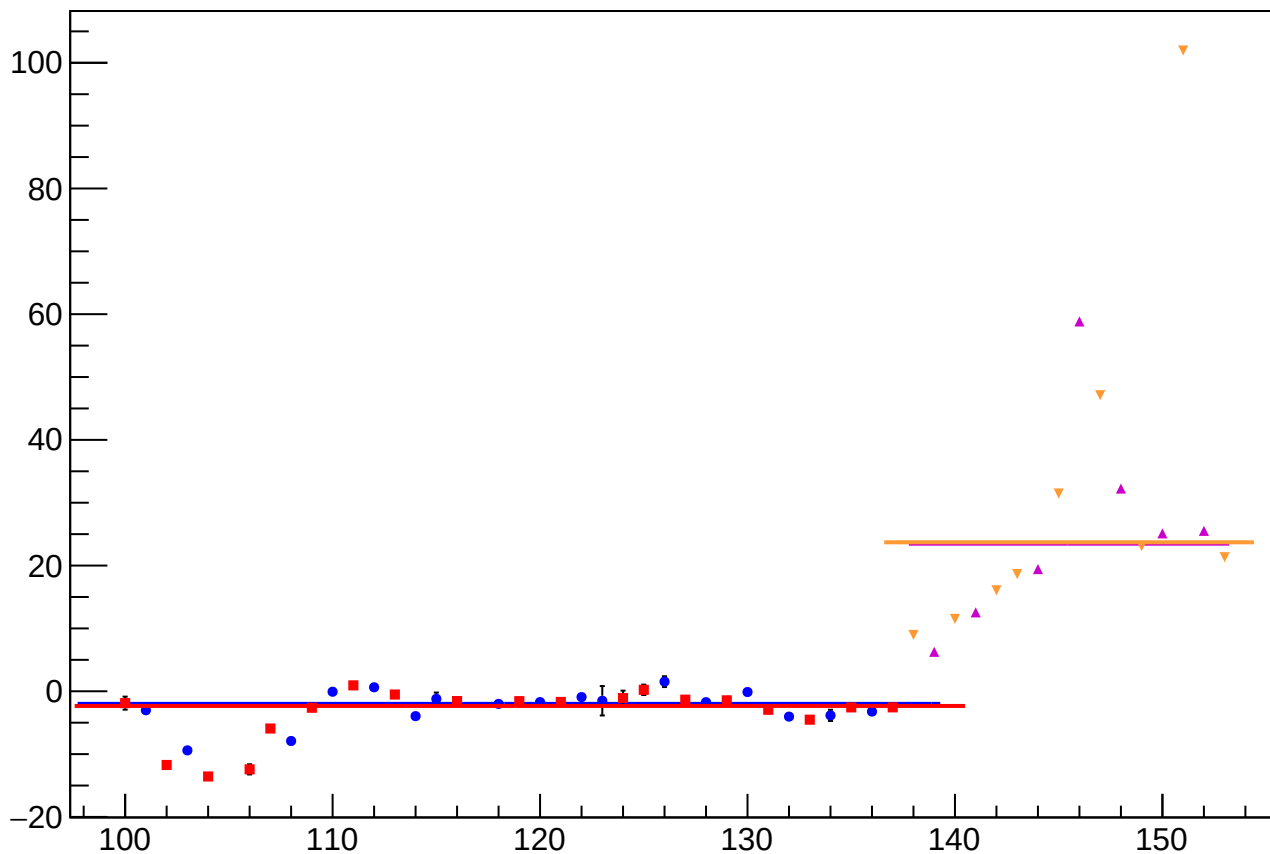
Right: 1.223 $\pm$ 0.042 χ^2 /NDF: 1695.5/35

In: 0.926 $\pm$ 0.045 χ^2 /NDF:1736.7/23

Out: 0.809 $\pm$ 0.044 χ^2 /NDF:2014.2/27

All: 0.866 $\pm$ 0.031 χ^2 /NDF: 3754.5/51

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 23.702 ± 0.093 χ^2/NDF : 43601.2/8

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 23.481 ± 0.093 χ^2/NDF : 23790.8/6

Left: 23.591 ± 0.066 χ^2/NDF : 67394.8/15

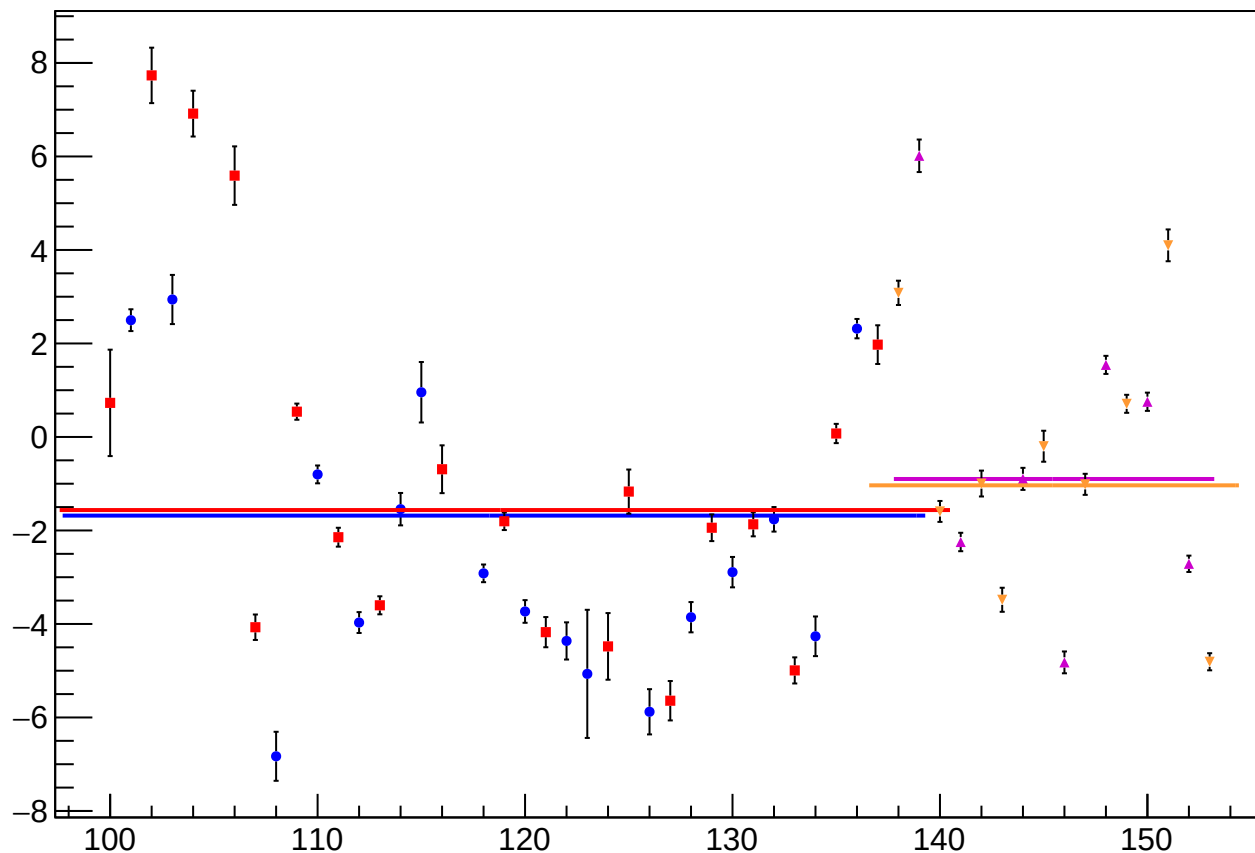
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 12.952 ± 0.071 χ^2/NDF : 55407.3/23

Out: 11.466 ± 0.068 χ^2/NDF : 81234.8/27

All: 12.173 ± 0.049 χ^2/NDF : 136870.9/51

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -1.035 ± 0.080 χ^2/NDF : 1088.5/8

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

Left In: -0.899 ± 0.080 χ^2/NDF : 1062.0/6

Left: -0.967 ± 0.057 χ^2/NDF : 2152.0/15

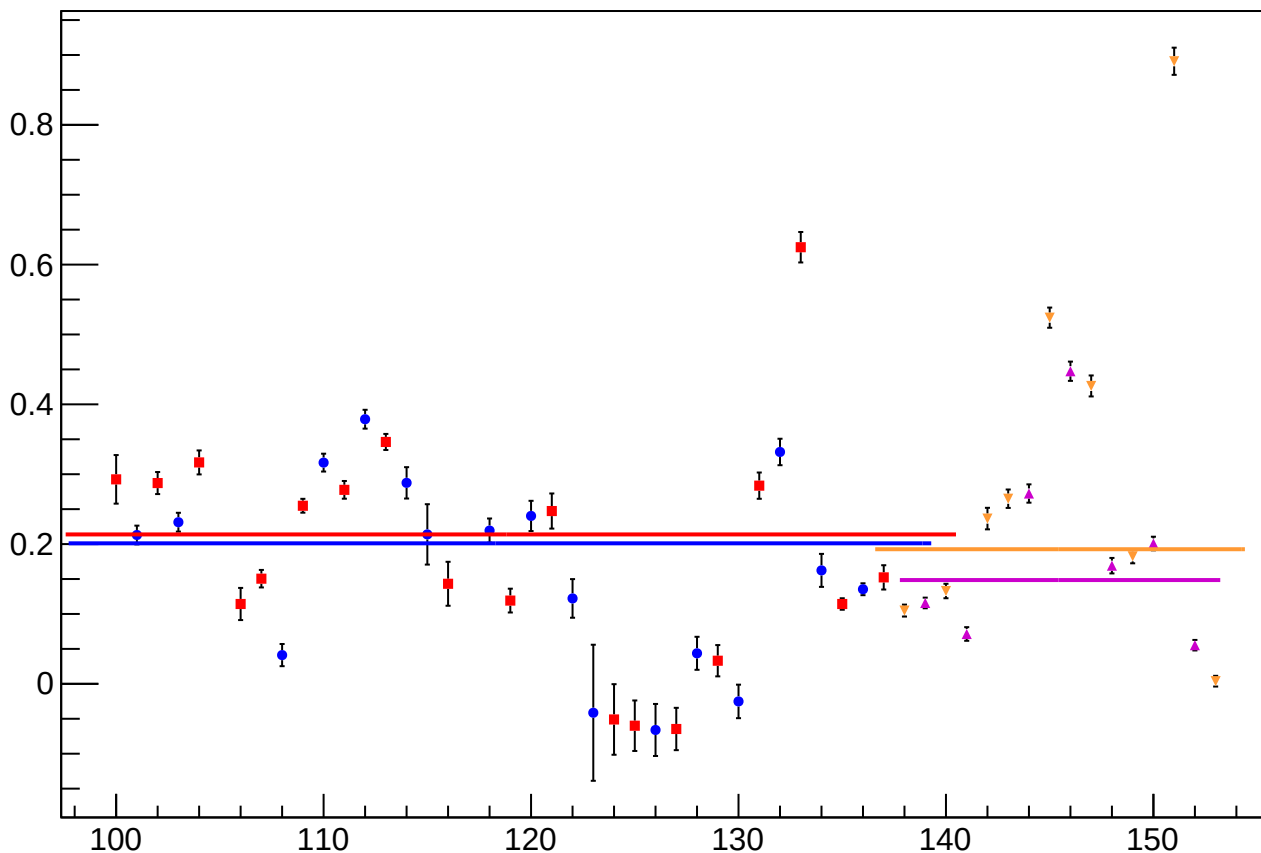
Right: -1.619 ± 0.048 χ^2/NDF : 2854.1/35

In: -1.341 ± 0.053 χ^2/NDF : 2463.9/23

Out: -1.350 ± 0.051 χ^2/NDF : 2619.4/27

All: -1.346 ± 0.037 χ^2/NDF : 5083.3/51

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.193 ± 0.004 χ^2/NDF : 2841.7/8

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

Left In: 0.149 ± 0.004 χ^2/NDF : 825.3/6

Left: 0.170 ± 0.003 χ^2/NDF : 3738.3/15

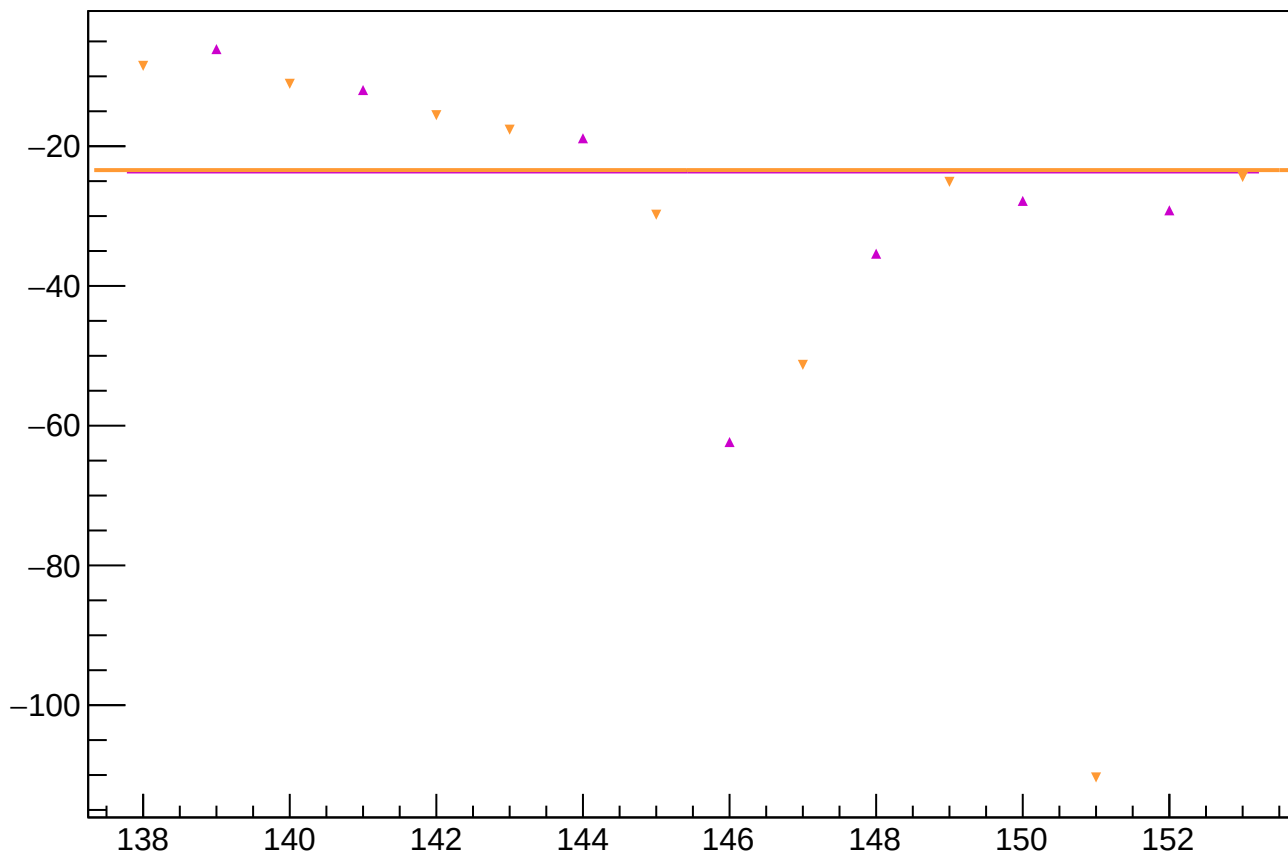
Right: 0.208 ± 0.003 χ^2/NDF : 1779.7/35

In: 0.172 ± 0.003 χ^2/NDF : 1607.6/23

Out: 0.203 ± 0.003 χ^2/NDF : 3941.1/27

All: 0.188 ± 0.002 χ^2/NDF : 5619.1/51

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: -23.421+/-0.093 χ^2/NDF : 48792.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Left: -23.518+/-0.066 χ^2/NDF : 76874.6/15

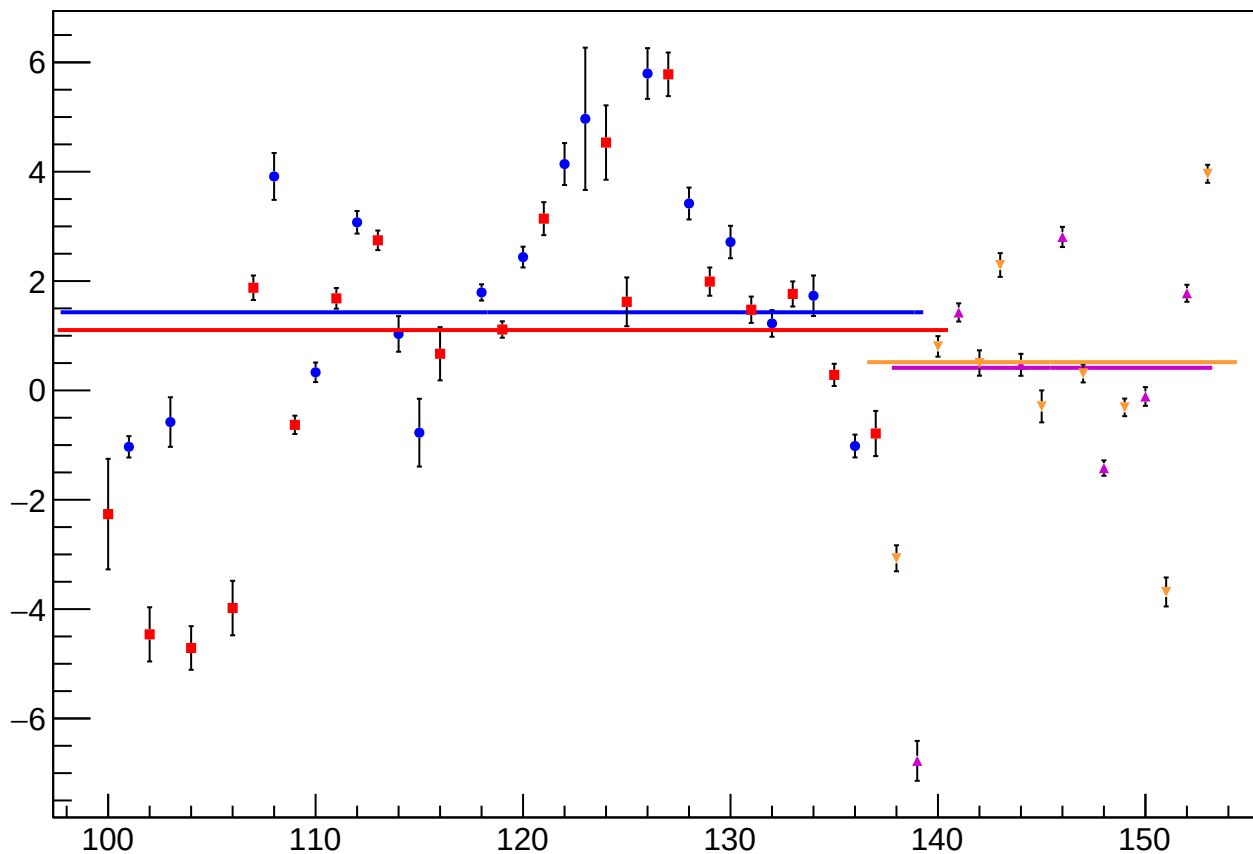
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Out: -23.421+/-0.093 χ^2/NDF : 48792.2/8

All: -23.518+/-0.066 χ^2/NDF : 76874.6/15

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 ± 0.062 $\chi^2/\text{NDF}: 711.4/16$

Left Out: 0.517 ± 0.067 $\chi^2/\text{NDF}: 1020.8/8$

Right Out: 1.104 ± 0.059 $\chi^2/\text{NDF}: 936.5/18$

Left In: 0.413 ± 0.067 $\chi^2/\text{NDF}: 849.8/6$

Left: 0.465 ± 0.047 $\chi^2/\text{NDF}: 1871.8/15$

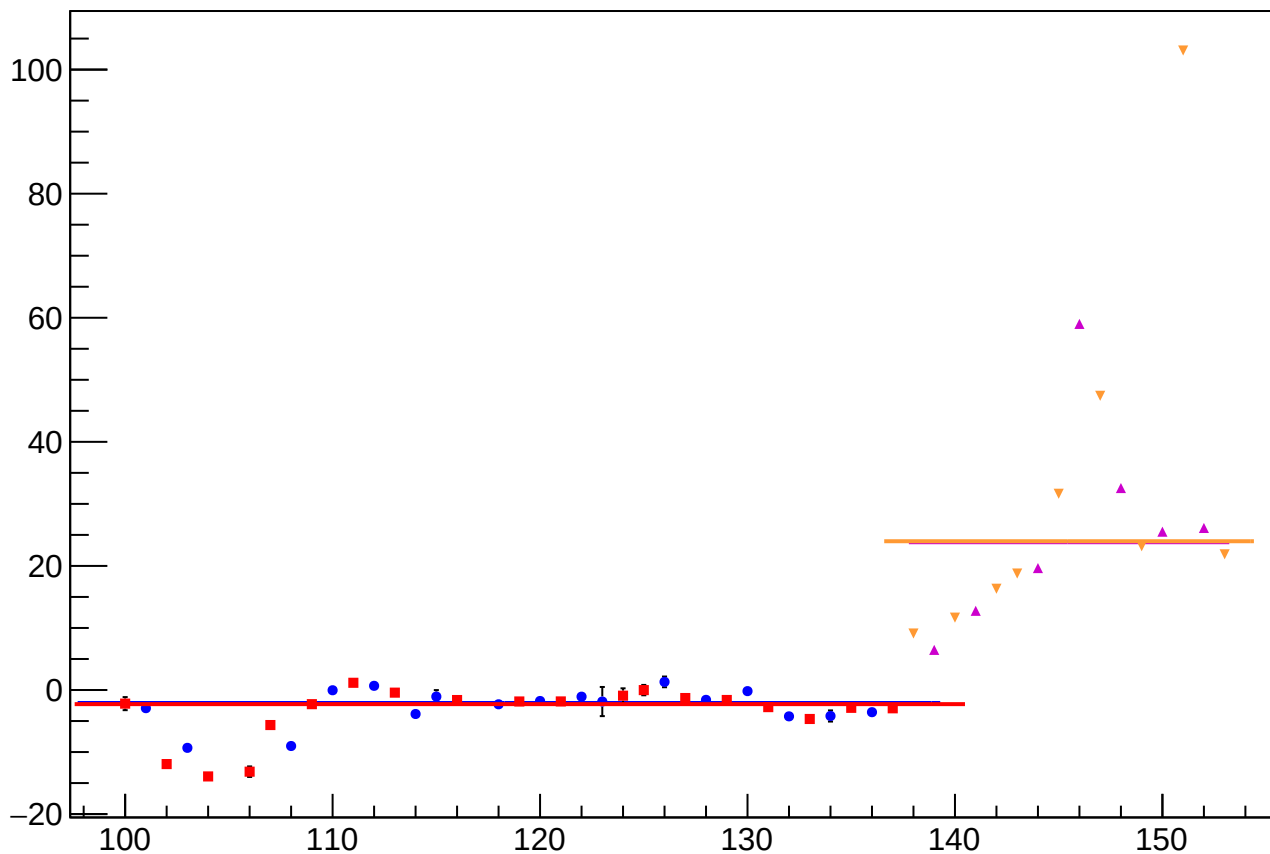
Right: 1.259 ± 0.043 $\chi^2/\text{NDF}: 1662.3/35$

In: 0.958 ± 0.046 $\chi^2/\text{NDF}: 1685.0/23$

Out: 0.845 ± 0.044 $\chi^2/\text{NDF}: 2000.4/27$

All: 0.900 ± 0.032 $\chi^2/\text{NDF}: 3688.5/51$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 23.979 ± 0.094 χ^2/NDF : 43473.0/8

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 23.821 ± 0.094 χ^2/NDF : 23461.4/6

Left: 23.900 ± 0.067 χ^2/NDF : 66935.8/15

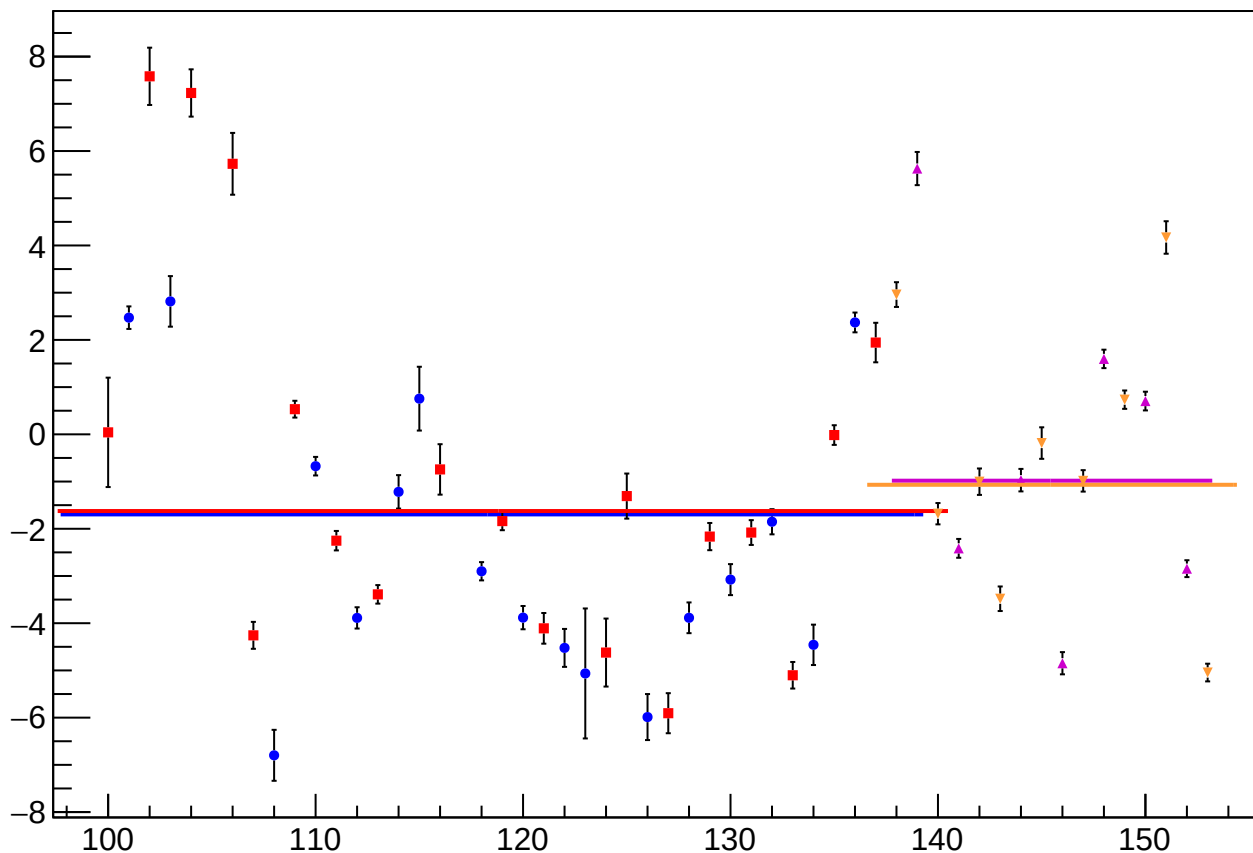
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: 13.176 ± 0.072 χ^2/NDF : 55165.0/23

Out: 11.760 ± 0.069 χ^2/NDF : 80519.3/27

All: 12.436 ± 0.050 χ^2/NDF : 135885.7/51

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 $\chi^2/\text{NDF}: 1333.3/16$

Left Out: -1.069 ± 0.081 $\chi^2/\text{NDF}: 1105.0/8$

Right Out: -1.624 ± 0.067 $\chi^2/\text{NDF}: 1467.3/18$

Left In: -0.982 ± 0.081 $\chi^2/\text{NDF}: 1031.1/6$

Left: -1.025 ± 0.057 $\chi^2/\text{NDF}: 2136.7/15$

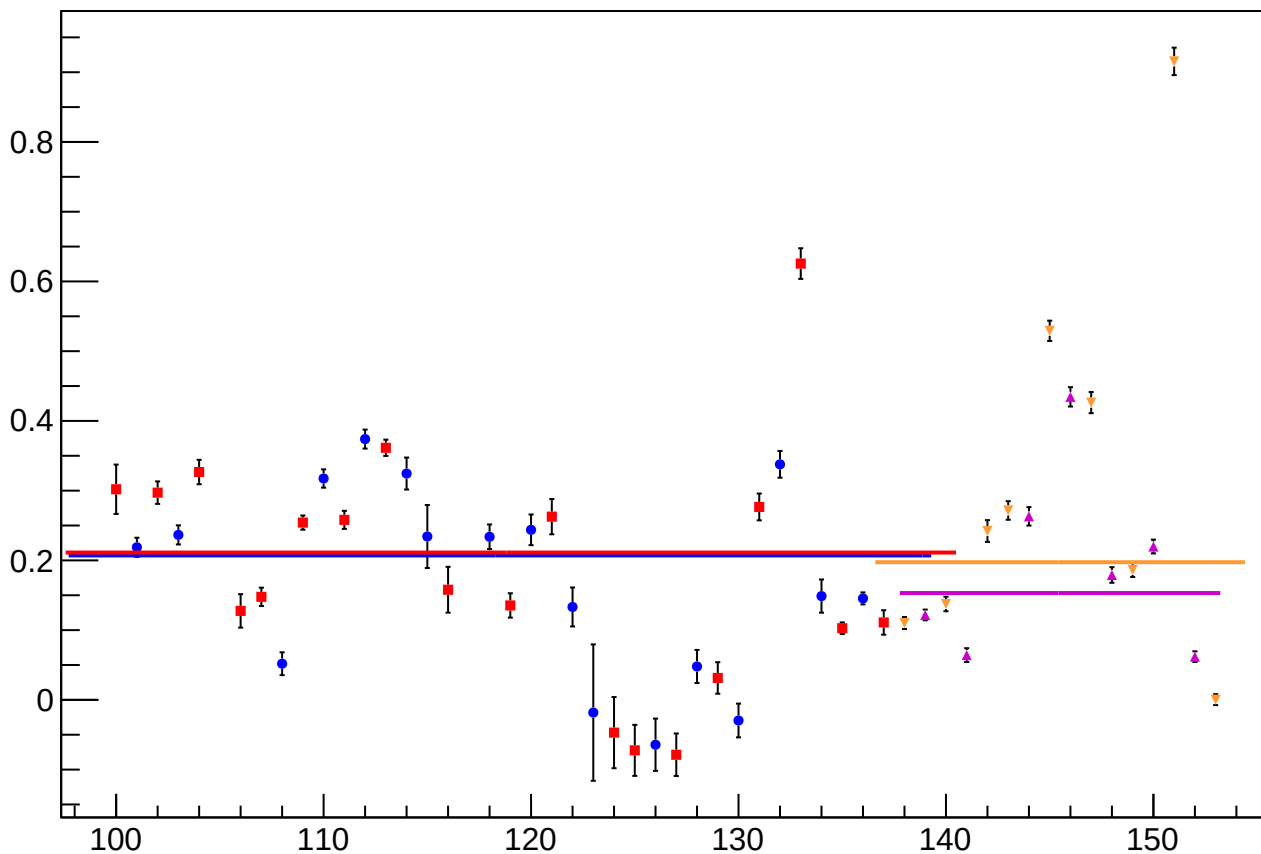
Right: -1.658 ± 0.049 $\chi^2/\text{NDF}: 2801.2/35$

In: -1.384 ± 0.054 $\chi^2/\text{NDF}: 2408.0/23$

Out: -1.398 ± 0.052 $\chi^2/\text{NDF}: 2600.4/27$

All: -1.391 ± 0.037 $\chi^2/\text{NDF}: 5008.4/51$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.197 $\pm$ 0.004 χ^2 /NDF:2887.1/8

Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1145.7/18

Left In: 0.153 $\pm$ 0.004 χ^2 /NDF:769.2/6

Left: 0.175 $\pm$ 0.003 χ^2 /NDF: 3726.1/15

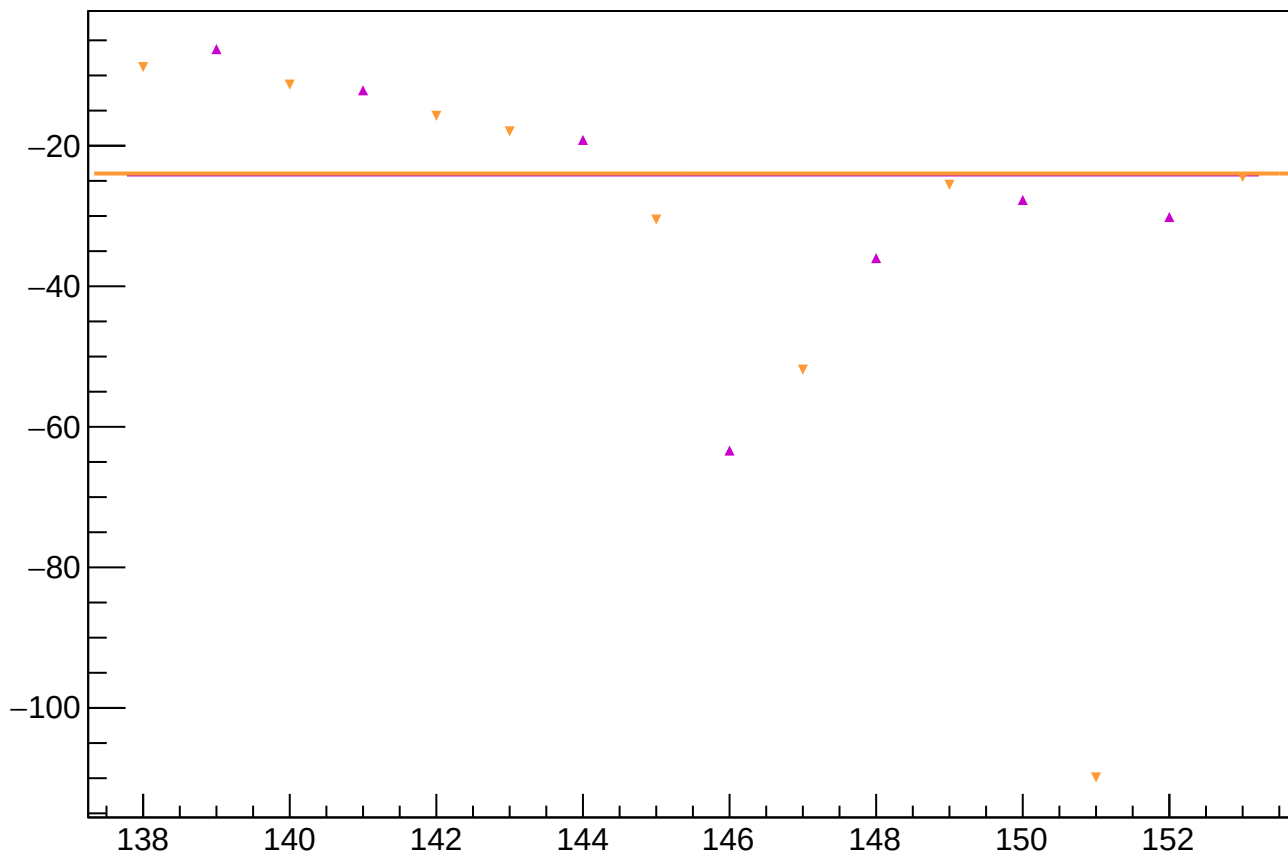
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1802.5/35

In: 0.177 $\pm$ 0.003 χ^2 /NDF:1518.4/23

Out: 0.204 $\pm$ 0.003 χ^2 /NDF:4039.6/27

All: 0.191 $\pm$ 0.002 χ^2 /NDF: 5609.5/51

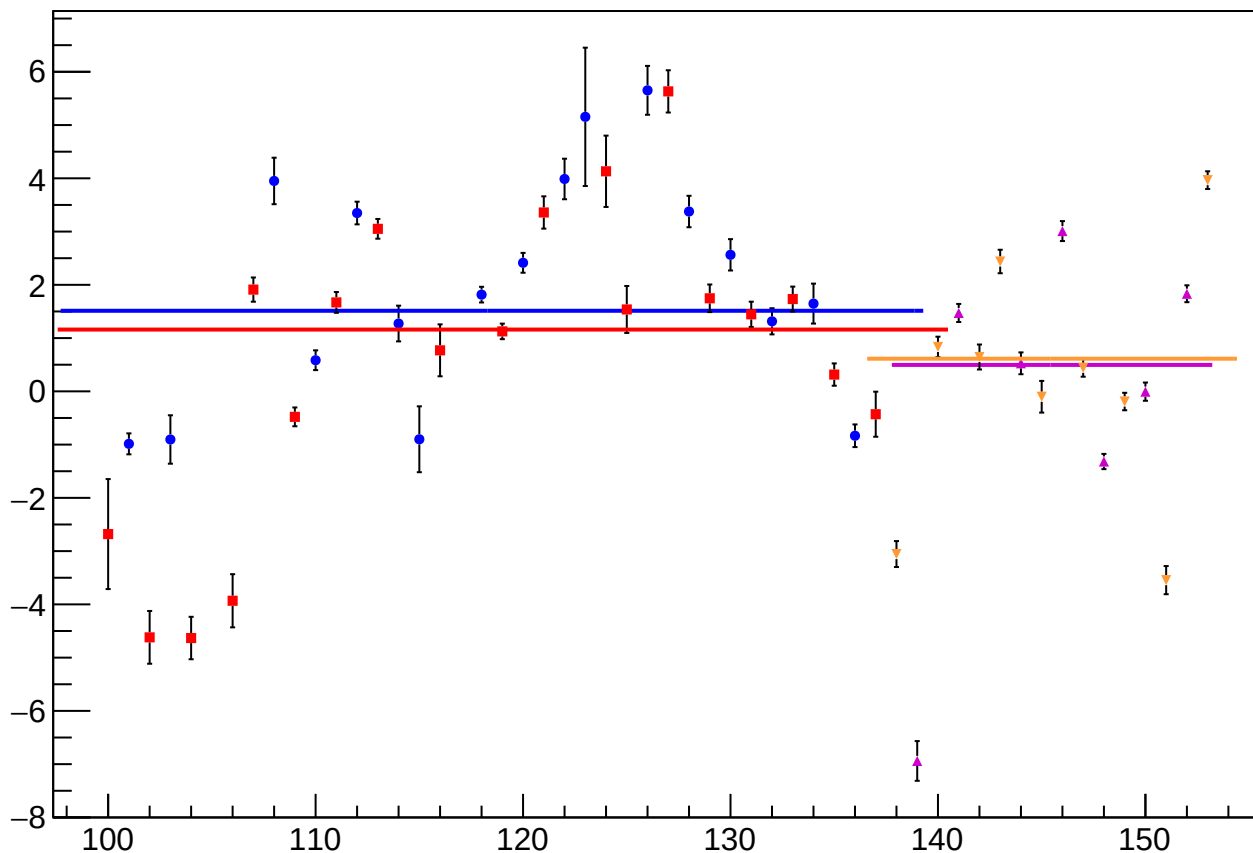
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.953+/-0.095 χ^2/NDF : 48090.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Left: -24.021+/-0.067 χ^2/NDF : 76104.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.089+/-0.096 χ^2/NDF : 28013.3/6
 Out: -23.953+/-0.095 χ^2/NDF : 48090.3/8
 All: -24.021+/-0.067 χ^2/NDF : 76104.6/15

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 ± 0.063 $\chi^2/\text{NDF}: 669.7/16$

Left Out: 0.613 ± 0.068 $\chi^2/\text{NDF}: 982.2/8$

Right Out: 1.160 ± 0.060 $\chi^2/\text{NDF}: 917.0/18$

Left In: 0.496 ± 0.068 $\chi^2/\text{NDF}: 850.9/6$

Left: 0.555 ± 0.048 $\chi^2/\text{NDF}: 1834.6/15$

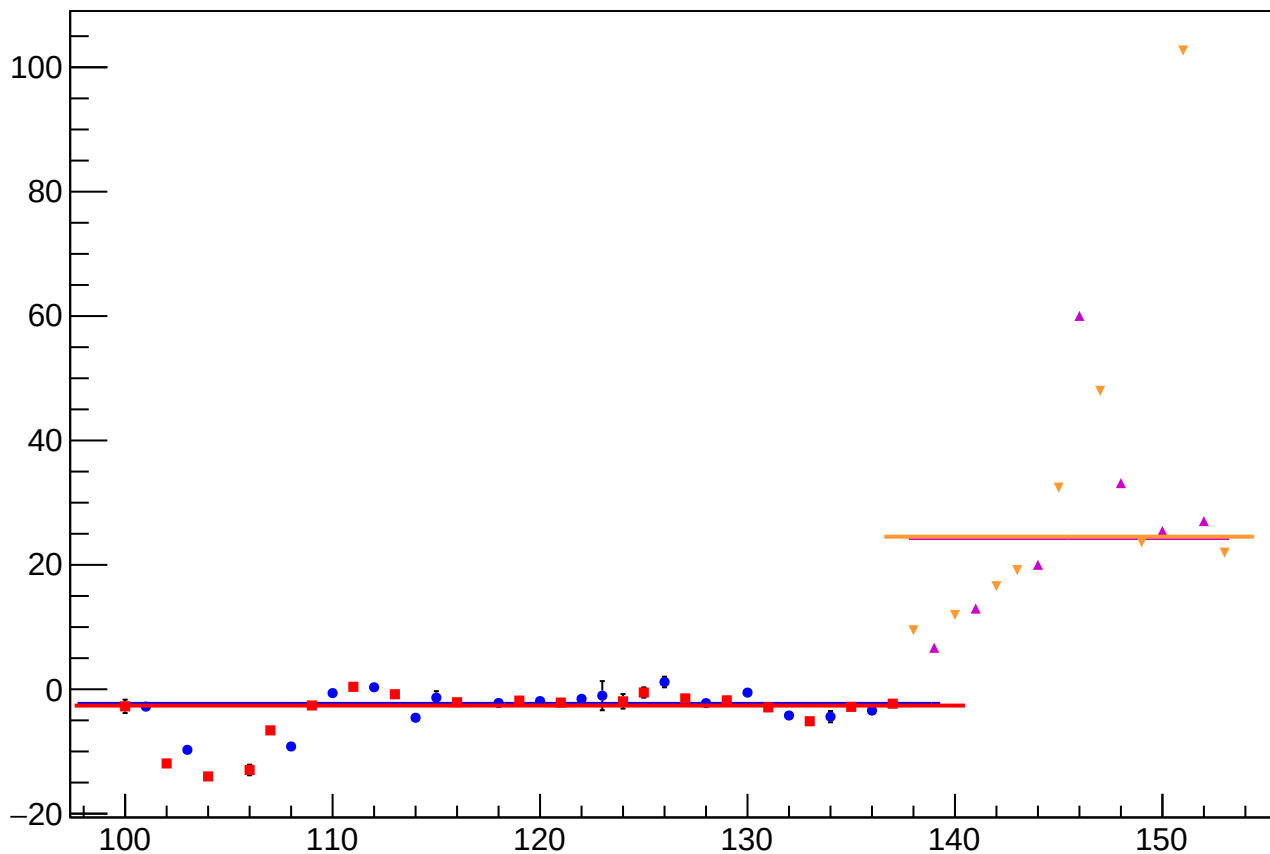
Right: 1.329 ± 0.043 $\chi^2/\text{NDF}: 1603.3/35$

In: 1.045 ± 0.046 $\chi^2/\text{NDF}: 1641.7/23$

Out: 0.920 ± 0.045 $\chi^2/\text{NDF}: 1935.6/27$

All: 0.981 ± 0.032 $\chi^2/\text{NDF}: 3581.1/51$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 24.534 ± 0.096 χ^2/NDF : 42828.0/8

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

Left In: 24.316 ± 0.095 χ^2/NDF : 23383.2/6

Left: 24.425 ± 0.068 χ^2/NDF : 66213.7/15

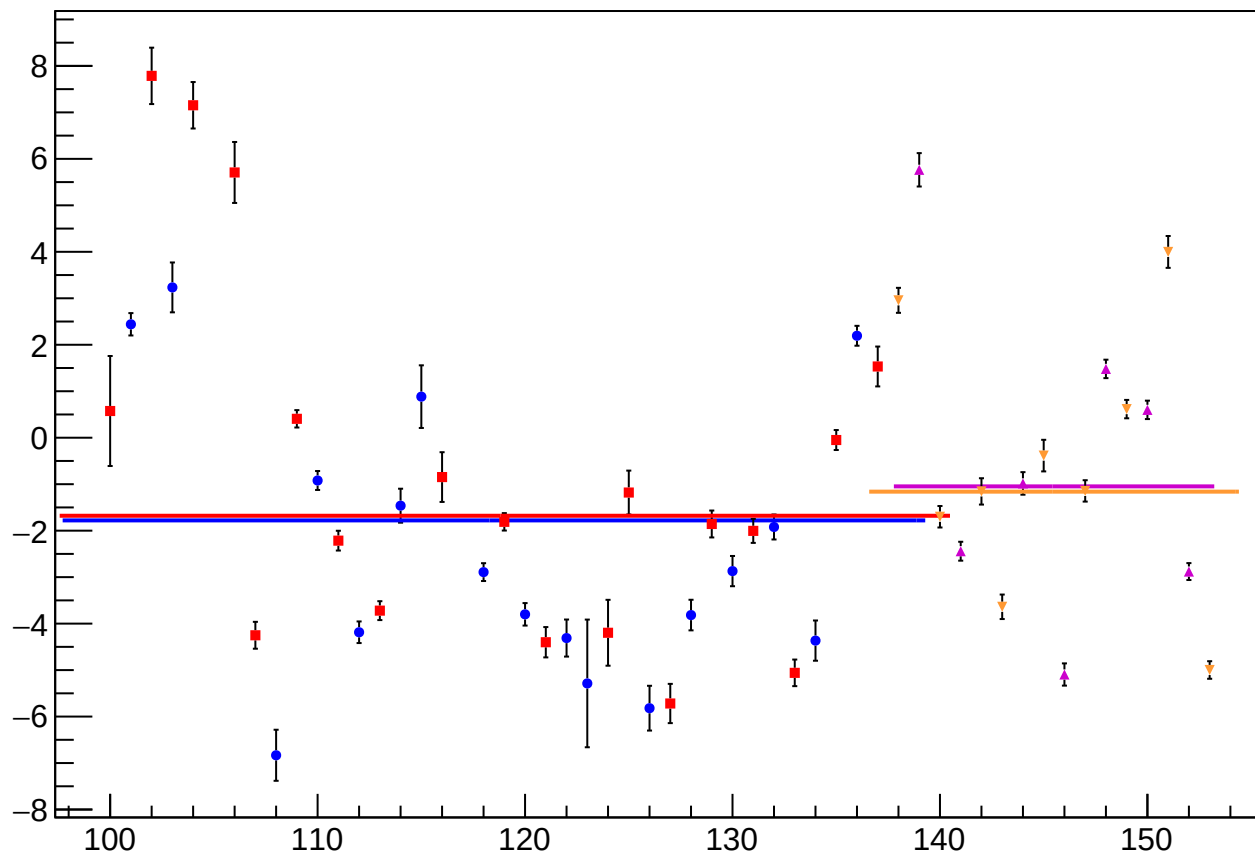
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: 13.354 ± 0.073 χ^2/NDF : 55876.2/23

Out: 11.968 ± 0.070 χ^2/NDF : 80852.8/27

All: 12.631 ± 0.051 χ^2/NDF : 136915.6/51

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -1.160 ± 0.082 χ^2/NDF : 1052.8/8

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

Left In: -1.047 ± 0.082 χ^2/NDF : 1025.7/6

Left: -1.104 ± 0.058 χ^2/NDF : 2079.4/15

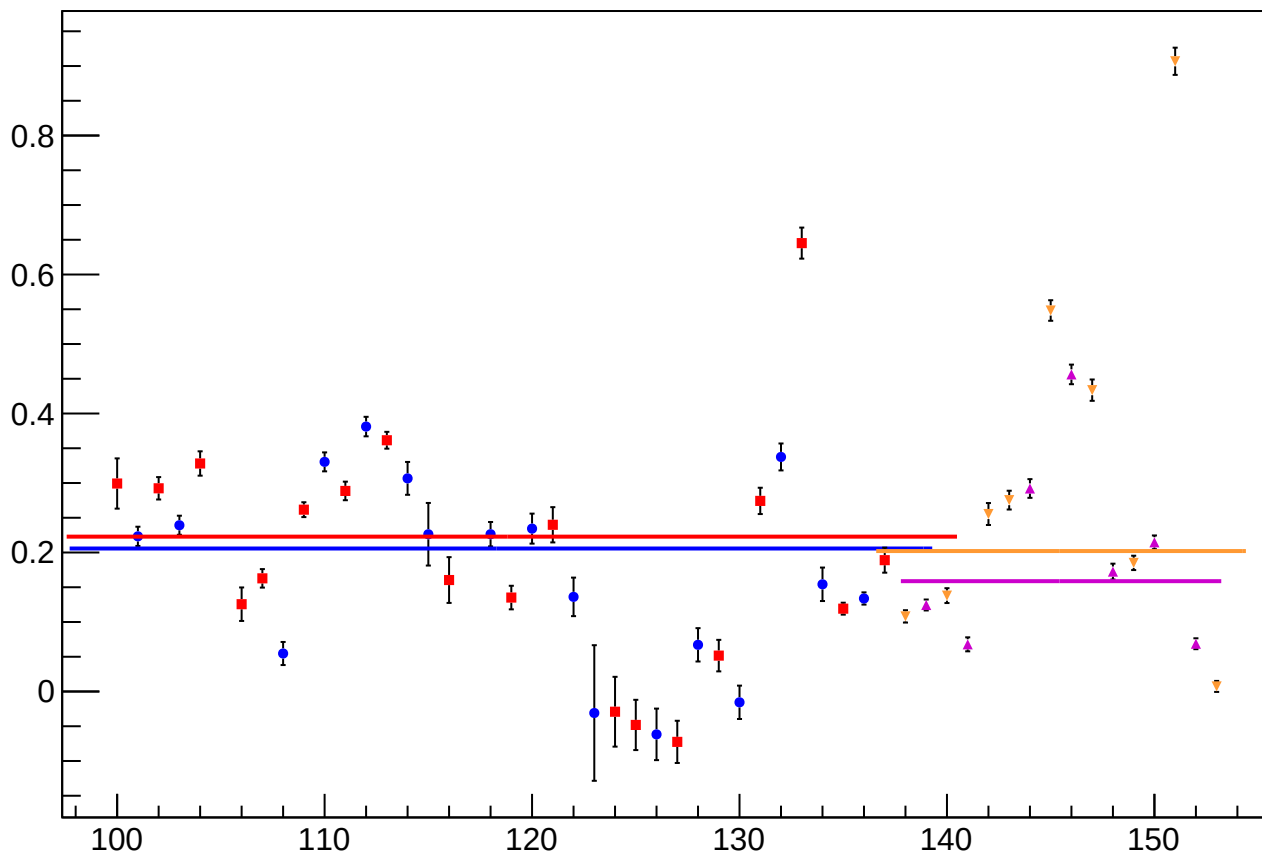
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.461 ± 0.054 χ^2/NDF : 2342.4/23

Out: -1.467 ± 0.052 χ^2/NDF : 2506.1/27

All: -1.464 ± 0.038 χ^2/NDF : 4848.5/51

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.004 χ^2 /NDF: 651.8/16

Left Out: 0.202 $\pm$ 0.004 χ^2 /NDF:2867.1/8

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.159 $\pm$ 0.004 χ^2 /NDF:808.8/6

Left: 0.180 $\pm$ 0.003 χ^2 /NDF: 3740.8/15

Right: 0.215 $\pm$ 0.003 χ^2 /NDF: 1702.9/35

In: 0.179 $\pm$ 0.003 χ^2 /NDF:1529.0/23

Out: 0.212 $\pm$ 0.003 χ^2 /NDF:3923.9/27

All: 0.197 $\pm$ 0.002 χ^2 /NDF: 5524.6/51