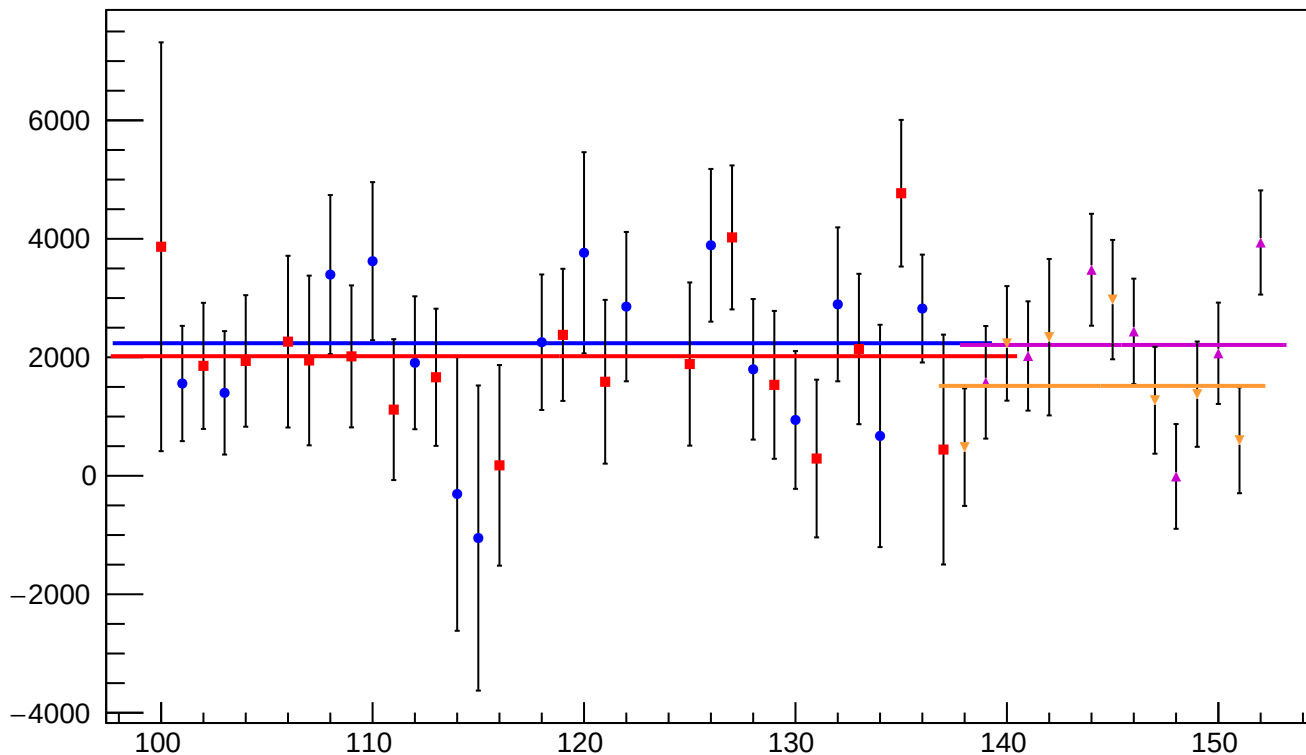


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 1517.638+/-367.839

Right Out: 2018.625+/-308.362

Left In: 2208.633+/-340.935

χ^2/NDF : 11.3/15

χ^2/NDF : 5.3/6

χ^2/NDF : 12.6/17

χ^2/NDF : 12.5/6

Left: 1889.327+/-250.048

Right: 2126.067+/-220.232

In: 2224.454+/-231.223

Out: 1811.859+/-236.311

All: 2022.646+/-165.269

χ^2/NDF : 19.7/13

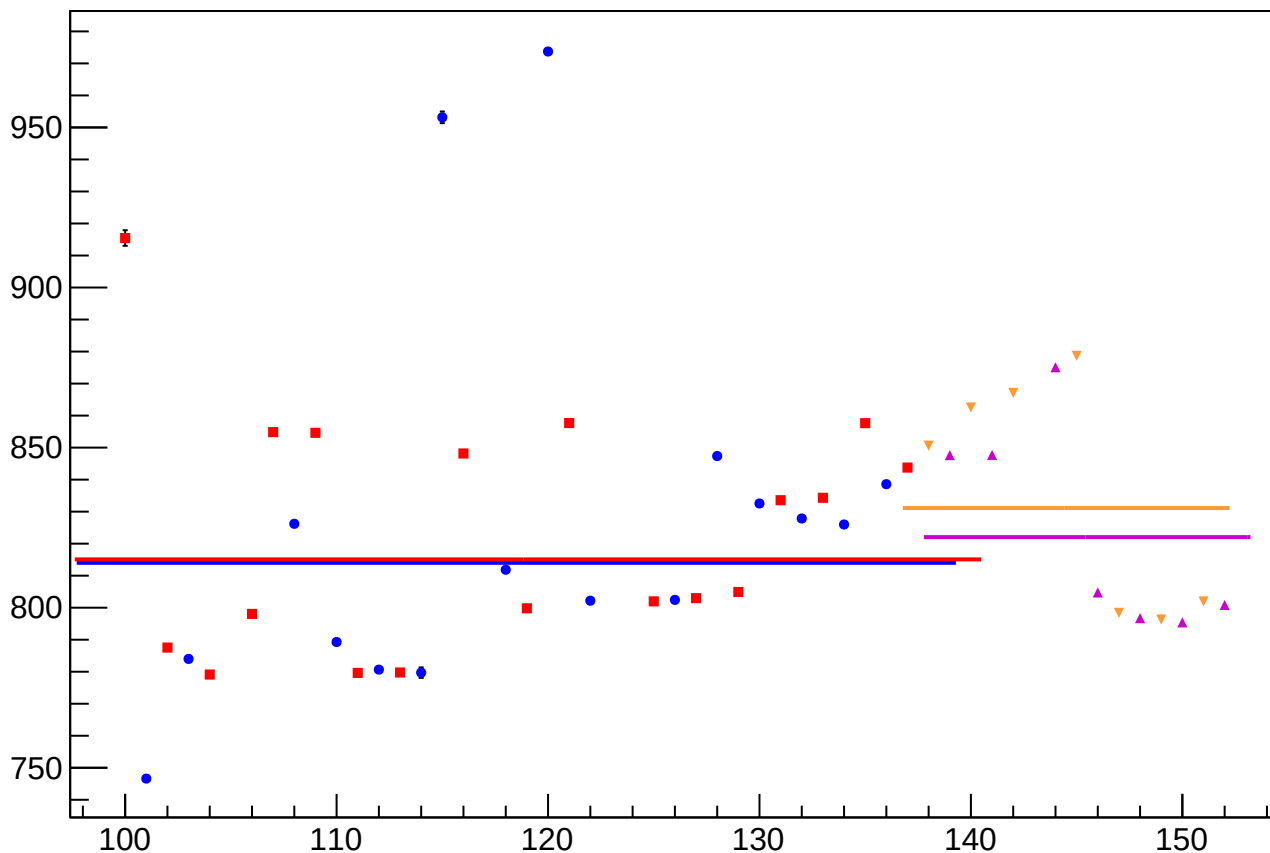
χ^2/NDF : 24.1/33

χ^2/NDF : 23.9/22

χ^2/NDF : 18.9/24

χ^2/NDF : 44.4/47

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 831.131+/-0.260 χ^2/NDF : 16651.3/6

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: 826.242+/-0.177 χ^2/NDF : 32109.0/13

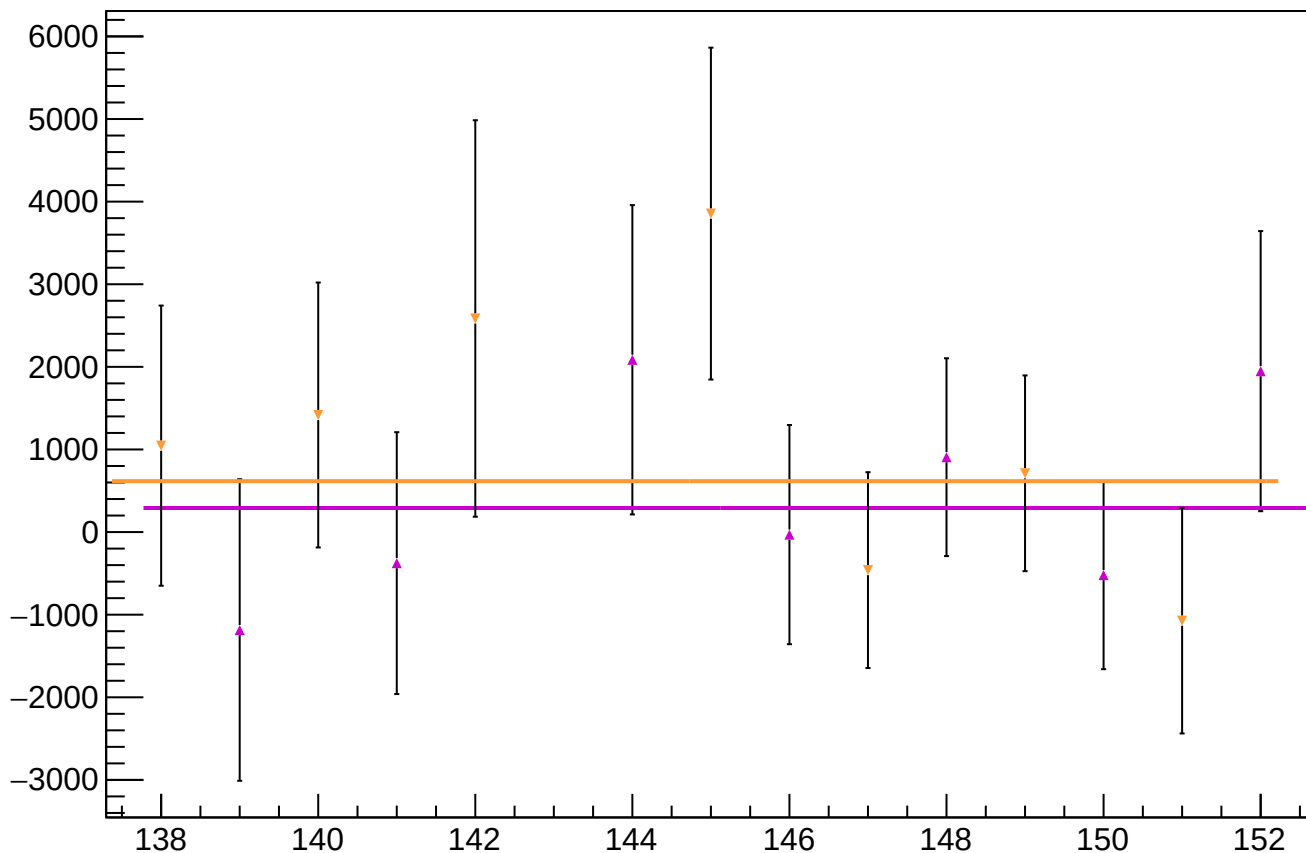
Right: 814.563+/-0.156 χ^2/NDF : 62012.6/33

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

Out: 821.707+/-0.167 χ^2/NDF : 38845.7/24

All: 819.665+/-0.117 χ^2/NDF : 96578.3/47

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 616.497+/-566.214 χ^2/NDF :5.9/6

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: 447.761+/-392.630 χ^2/NDF : 9.7/13

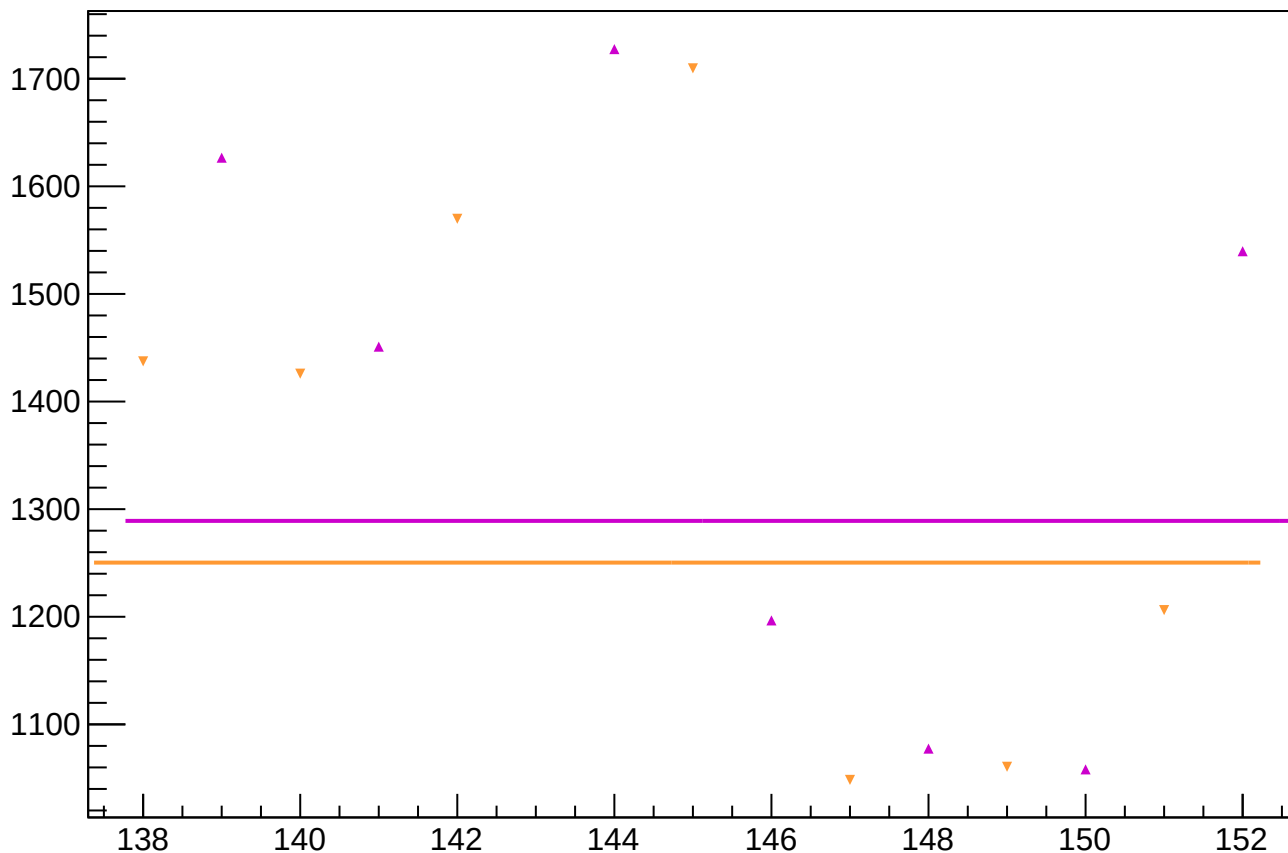
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 291.477+/-544.922 χ^2/NDF :3.5/6

Out: 616.497+/-566.214 χ^2/NDF :5.9/6

All: 447.761+/-392.630 χ^2/NDF : 9.7/13

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1250.340+/-0.400 χ^2/NDF :299767.3/6

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: 1270.465+/-0.278 χ^2/NDF : 701649.1/13

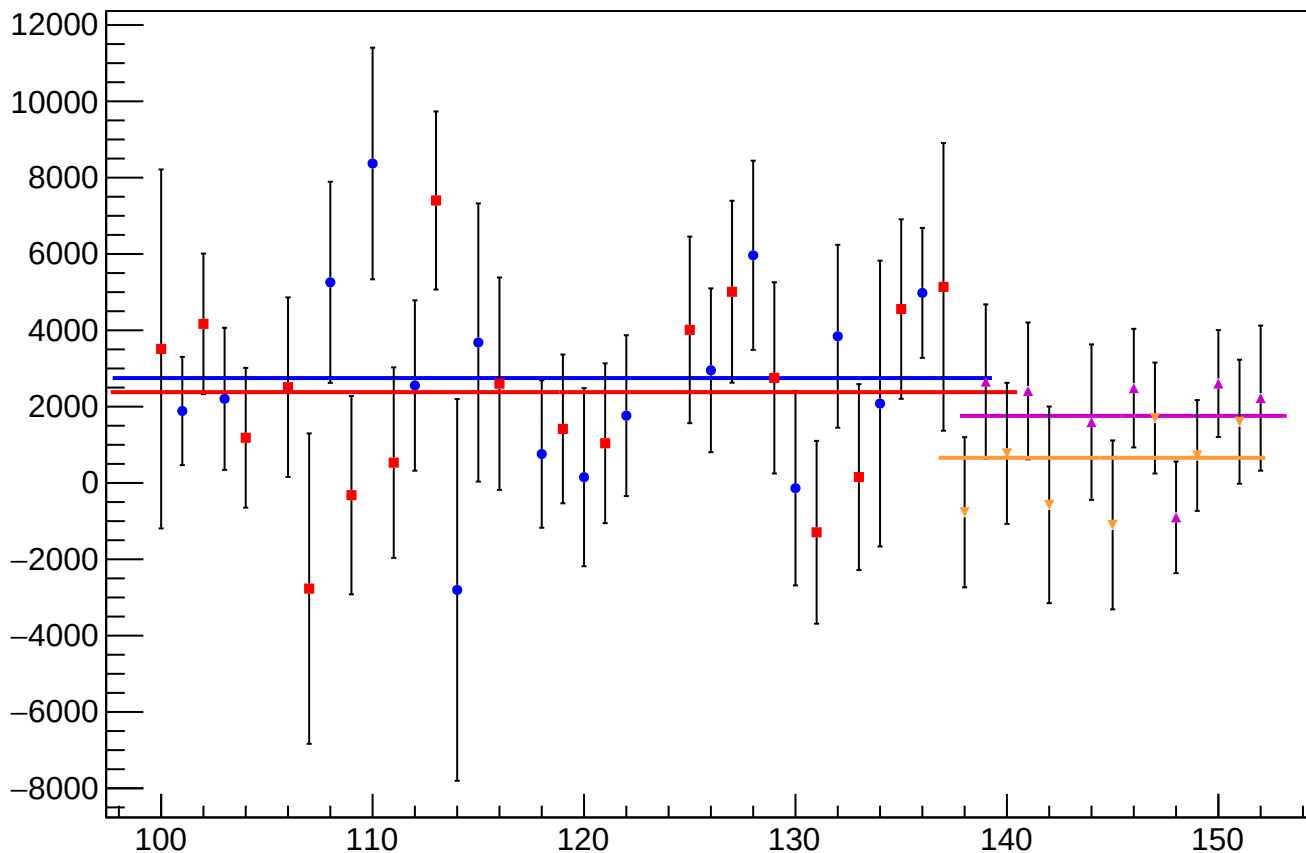
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1250.340+/-0.400 χ^2/NDF :299767.3/6

All: 1270.465+/-0.278 χ^2/NDF : 701649.1/13

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 659.922+/-669.272 χ^2/NDF : 2.2/6

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: 1236.388+/-461.381 χ^2/NDF : 7.9/13

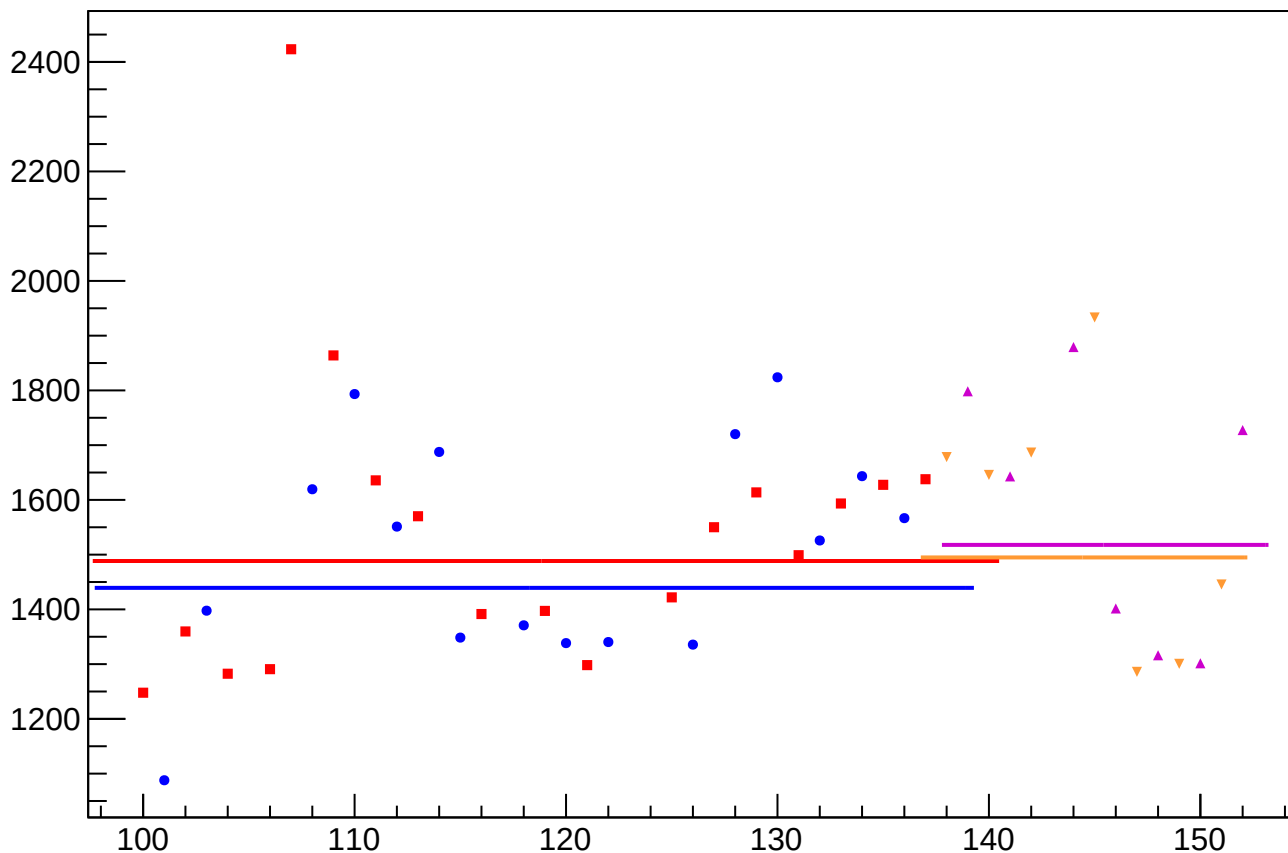
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

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

Out: 1658.070+/-433.491 χ^2/NDF : 22.3/24

All: 1995.224+/-302.306 χ^2/NDF : 42.7/47

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332 $\pm$ 0.398 χ^2/NDF : 277860.8/15

Left Out: 1494.884 $\pm$ 0.473 χ^2/NDF : 199233.0/6

Right Out: 1488.384 $\pm$ 0.402 χ^2/NDF : 256324.7/17

Left In: 1517.803 $\pm$ 0.450 χ^2/NDF : 232455.2/6

Left: 1506.911 $\pm$ 0.326 χ^2/NDF : 432919.0/13

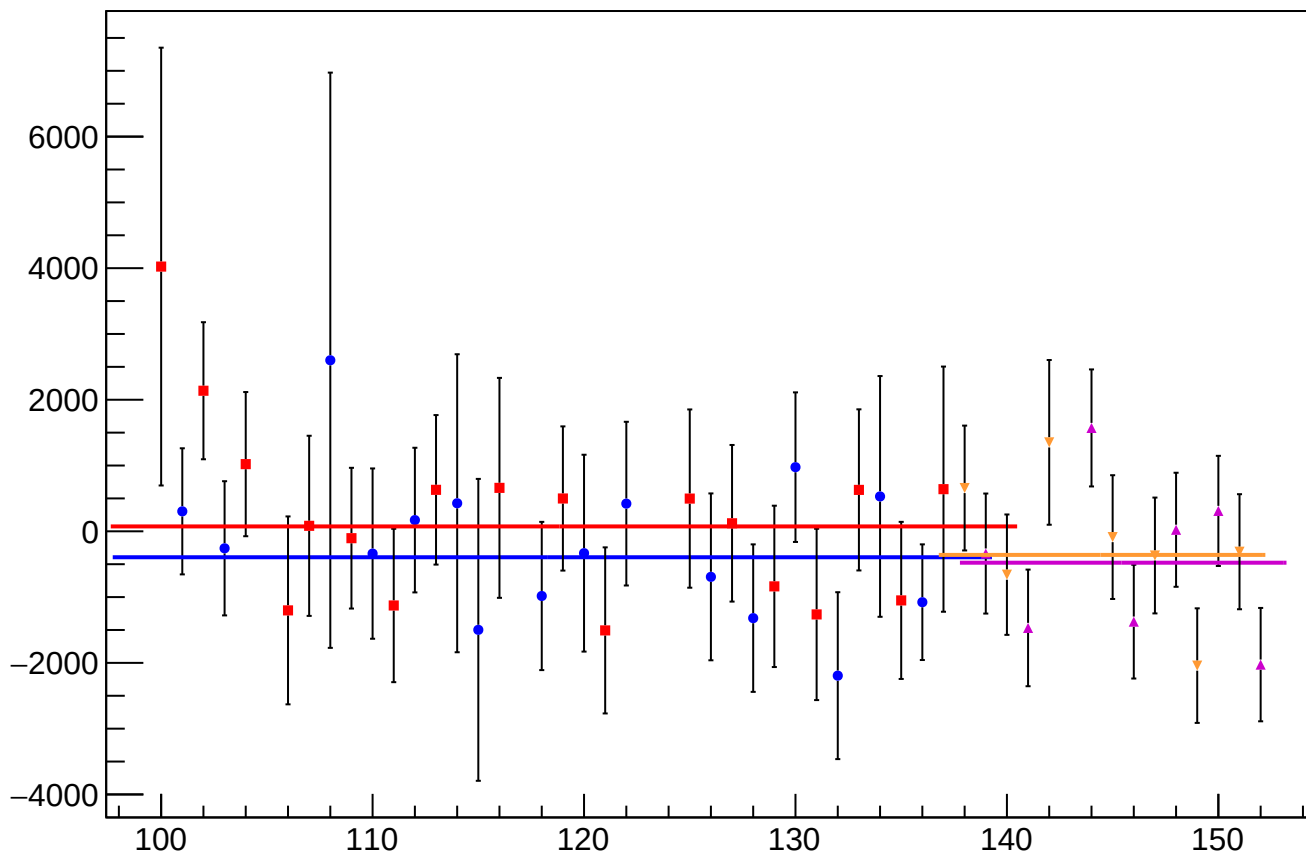
Right: 1463.597 $\pm$ 0.283 χ^2/NDF : 541697.1/33

In: 1473.748 $\pm$ 0.298 χ^2/NDF : 527360.2/22

Out: 1491.111 $\pm$ 0.307 χ^2/NDF : 455667.2/24

All: 1482.192 $\pm$ 0.214 χ^2/NDF : 984675.4/47

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 ± 313.174 χ^2/NDF : 7.4/15

Left Out: -358.661 ± 353.805 χ^2/NDF : 6.9/6

Right Out: 74.289 ± 298.398 χ^2/NDF : 12.9/17

Left In: -477.317 ± 330.067 χ^2/NDF : 12.1/6

Left: -422.103 ± 241.349 χ^2/NDF : 19.1/13

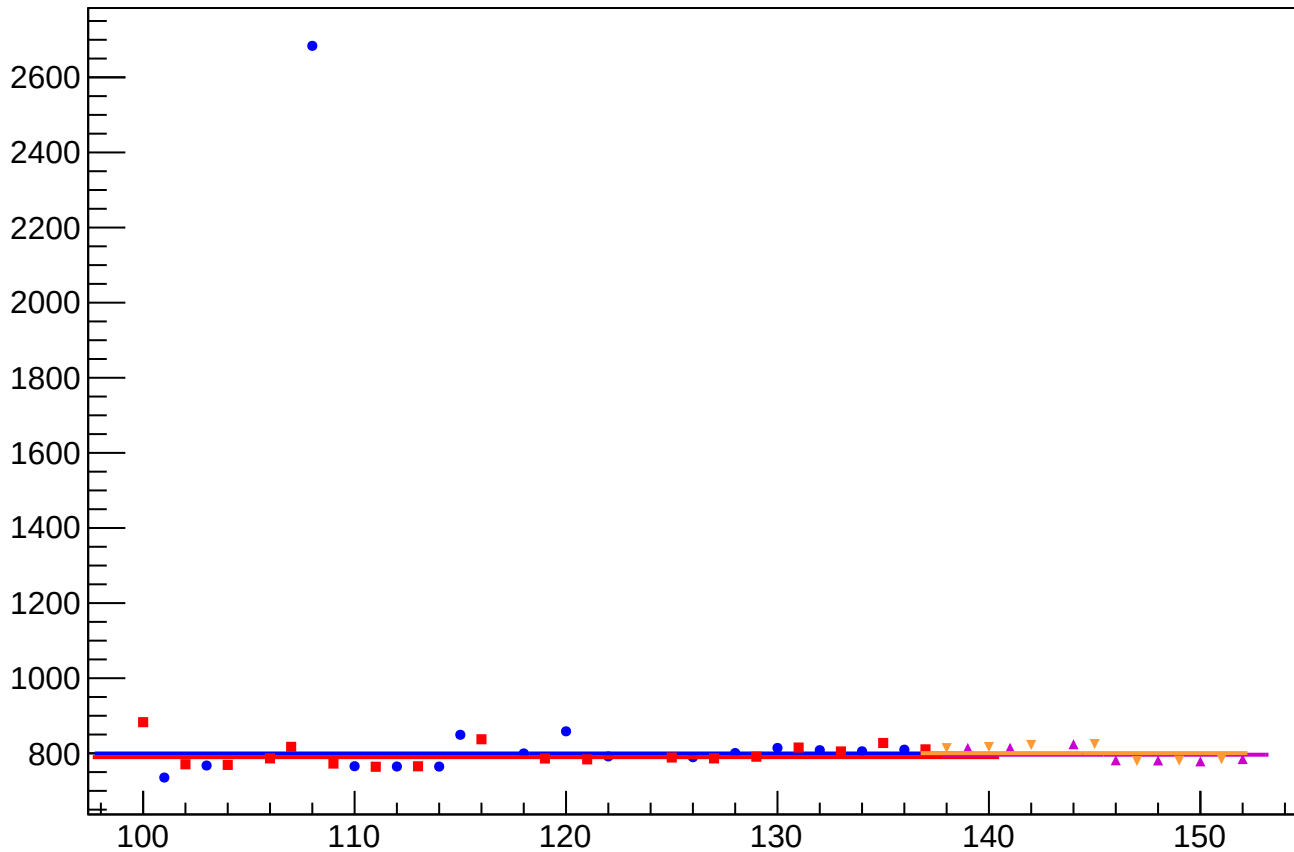
Right: -148.721 ± 216.034 χ^2/NDF : 21.5/33

In: -433.664 ± 227.185 χ^2/NDF : 19.5/22

Out: -105.669 ± 228.103 χ^2/NDF : 20.8/24

All: -270.327 ± 160.968 χ^2/NDF : 41.3/47

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537 $\pm$ 0.221 χ^2 /NDF: 391185.9/15

Left Out: 800.561 $\pm$ 0.250 χ^2 /NDF: 5858.1/6

Right Out: 789.794 $\pm$ 0.211 χ^2 /NDF: 11174.9/17

Left In: 796.277 $\pm$ 0.233 χ^2 /NDF: 6067.2/6

Left: 798.271 $\pm$ 0.171 χ^2 /NDF: 12082.2/13

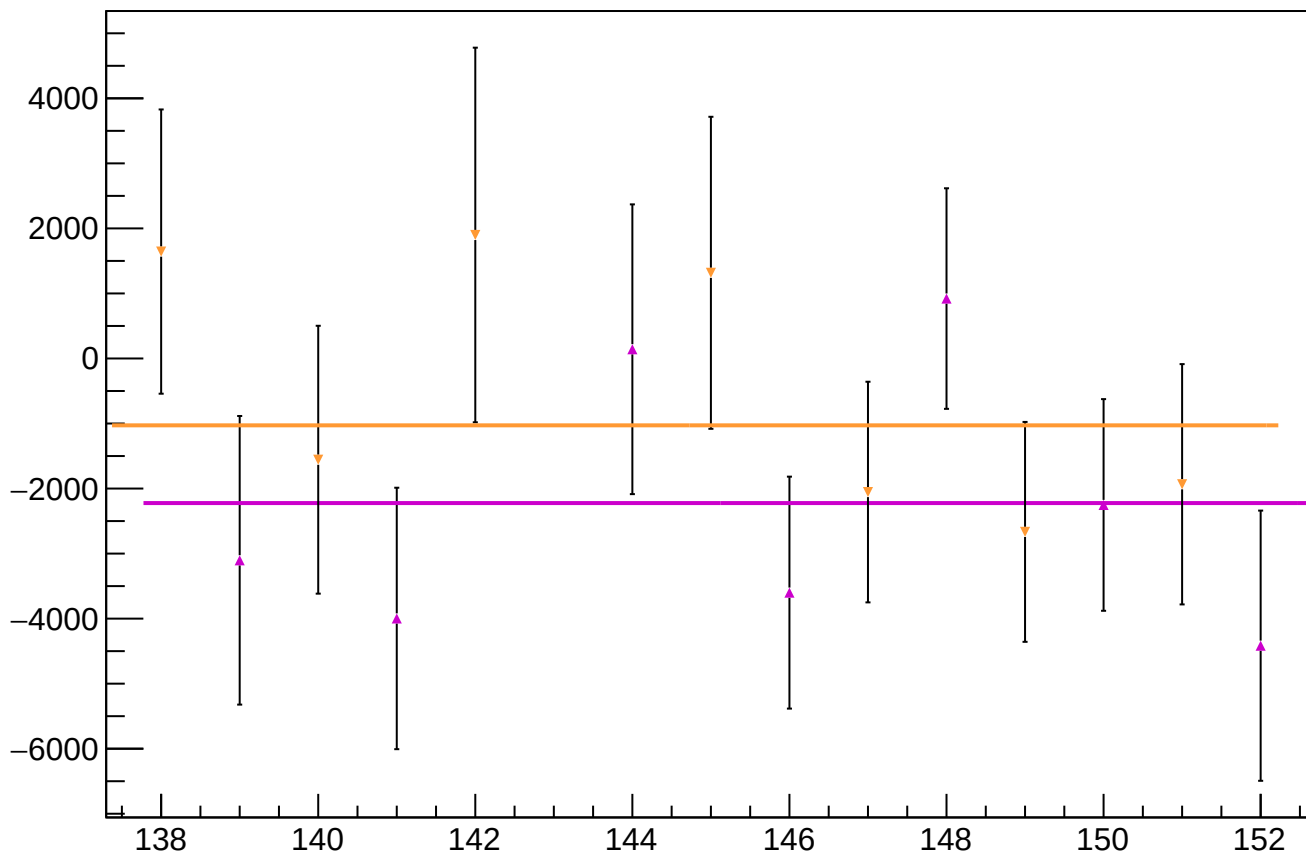
Right: 794.430 $\pm$ 0.153 χ^2 /NDF: 403375.5/33

In: 797.993 $\pm$ 0.161 χ^2 /NDF: 397355.8/22

Out: 794.269 $\pm$ 0.161 χ^2 /NDF: 18115.5/24

All: 796.139 $\pm$ 0.114 χ^2 /NDF: 415738.8/47

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1028.032+/-760.295 χ^2/NDF :5.1/6

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: -1657.299+/-523.160 χ^2/NDF : 13.6/13

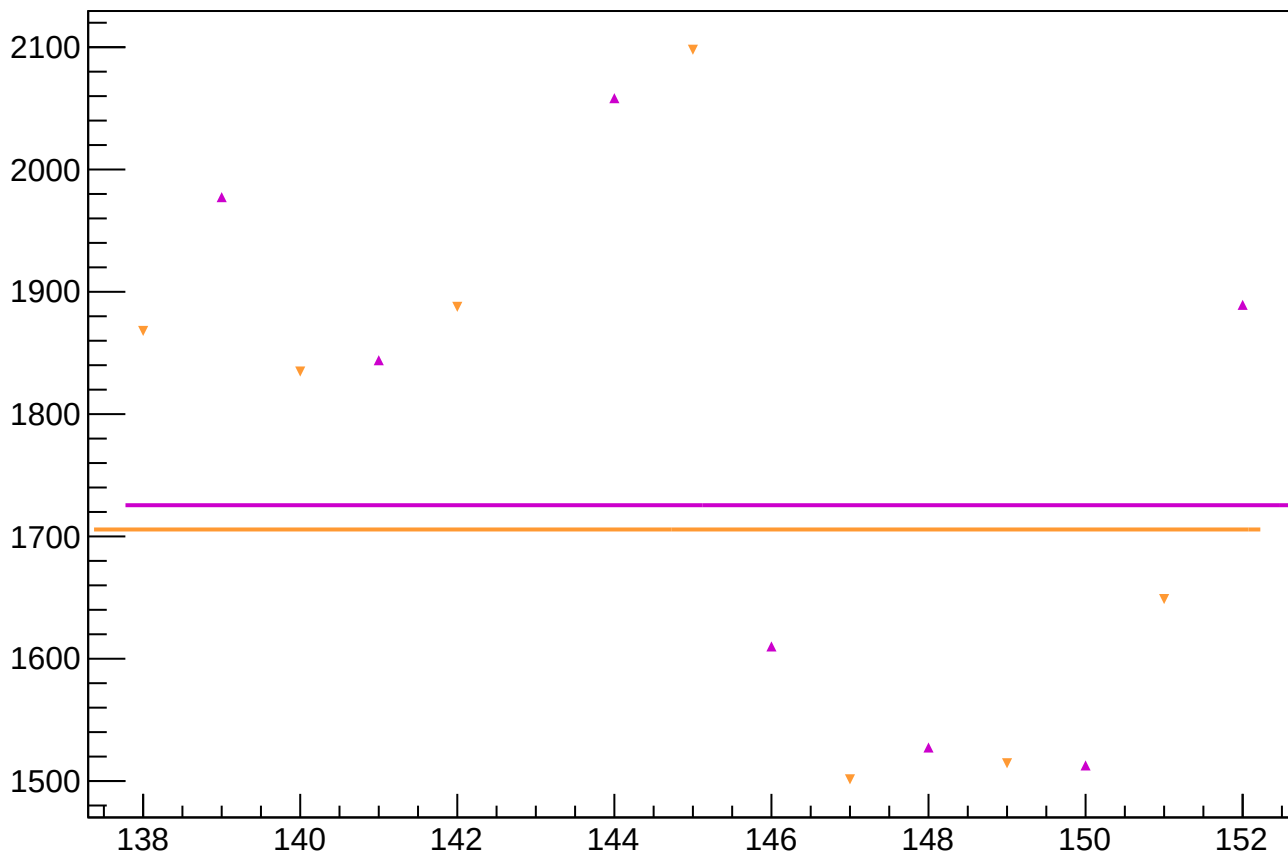
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -1028.032+/-760.295 χ^2/NDF :5.1/6

All: -1657.299+/-523.160 χ^2/NDF : 13.6/13

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1705.681+/-0.538 χ^2/NDF :136830.4/6

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: 1716.127+/-0.370 χ^2/NDF : 297218.6/13

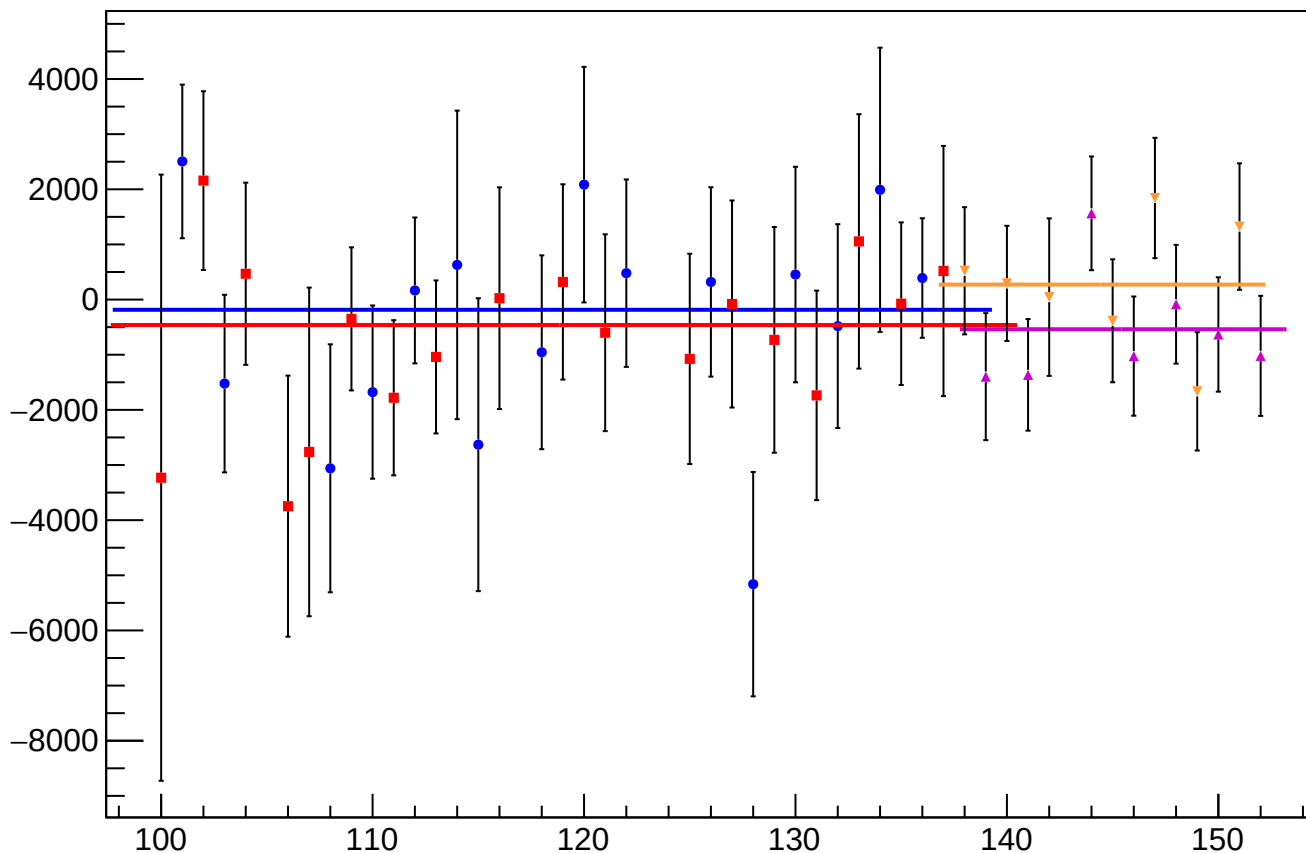
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1705.681+/-0.538 χ^2/NDF :136830.4/6

All: 1716.127+/-0.370 χ^2/NDF : 297218.6/13

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054 ± 431.495 χ^2/NDF : 16.6/15

Left Out: 272.831 ± 429.118 χ^2/NDF : 6.6/6

Right Out: -461.253 ± 426.921 χ^2/NDF : 8.3/17

Left In: -537.888 ± 402.799 χ^2/NDF : 6.0/6

Left: -158.151 ± 293.686 χ^2/NDF : 14.5/13

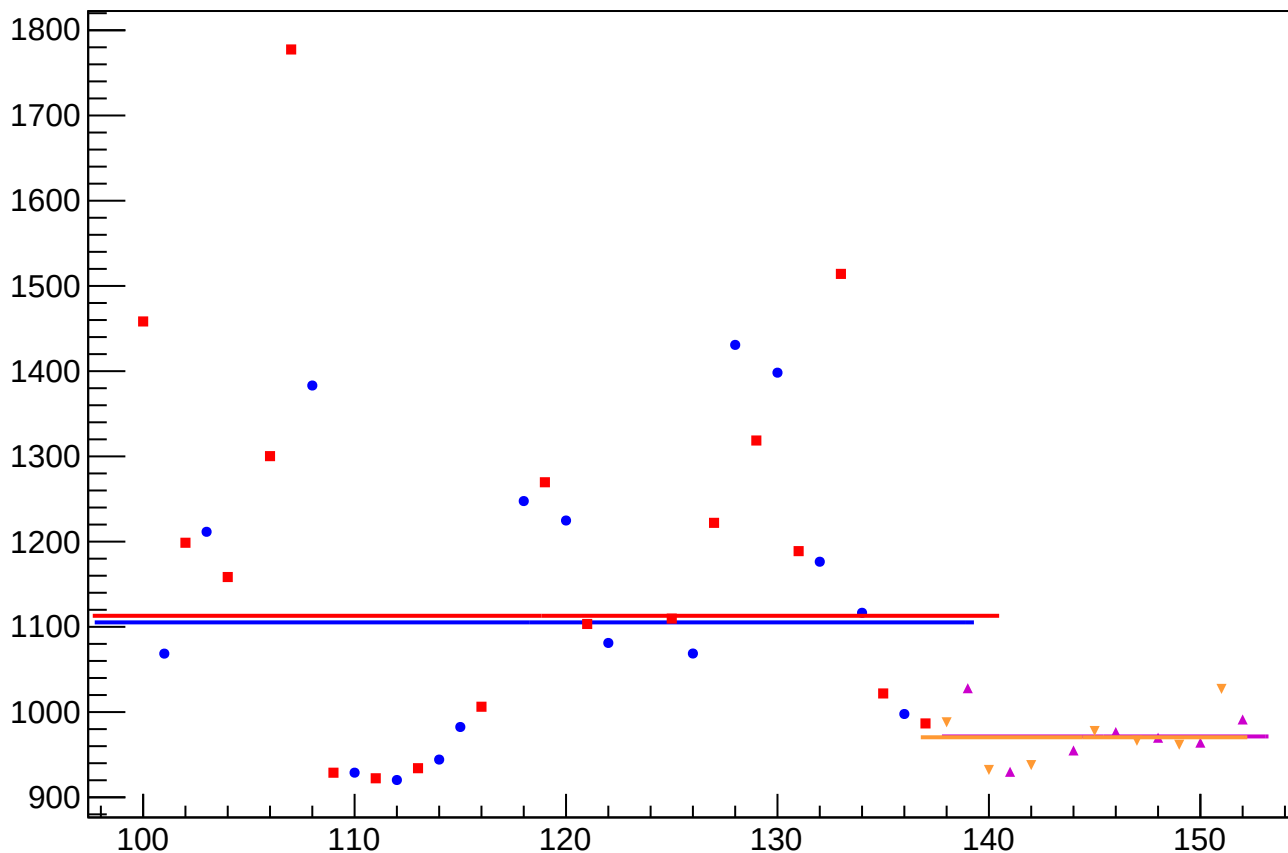
Right: -324.625 ± 303.483 χ^2/NDF : 25.2/33

In: -373.593 ± 294.444 χ^2/NDF : 23.0/22

Out: -96.095 ± 302.652 χ^2/NDF : 16.4/24

All: -238.658 ± 211.046 χ^2/NDF : 39.8/47

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236+/-0.305 χ^2/NDF : 255366.2/15

Left Out: 970.429+/-0.303 χ^2/NDF : 9346.6/6

Right Out: 1112.974+/-0.302 χ^2/NDF : 362995.4/17

Left In: 971.404+/-0.285 χ^2/NDF : 9514.5/6

Left: 970.947+/-0.208 χ^2/NDF : 18866.6/13

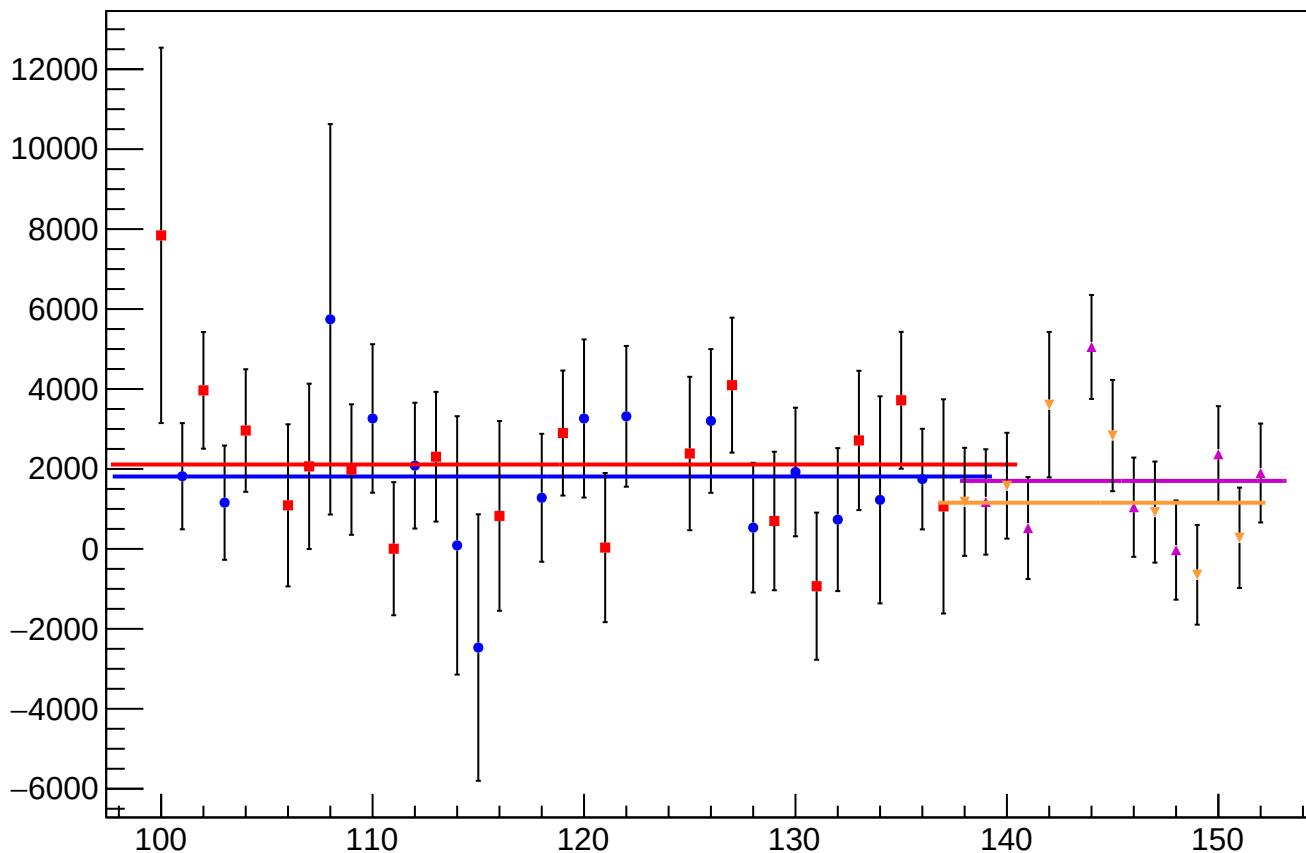
Right: 1109.146+/-0.215 χ^2/NDF : 618686.6/33

In: 1033.722+/-0.208 χ^2/NDF : 367688.2/22

Out: 1042.067+/-0.214 χ^2/NDF : 483253.5/24

All: 1037.780+/-0.149 χ^2/NDF : 851722.9/47

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1155.337 $\pm$ 510.432 χ^2/NDF : 6.0/6

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: 1447.184 $\pm$ 347.886 χ^2/NDF : 16.8/13

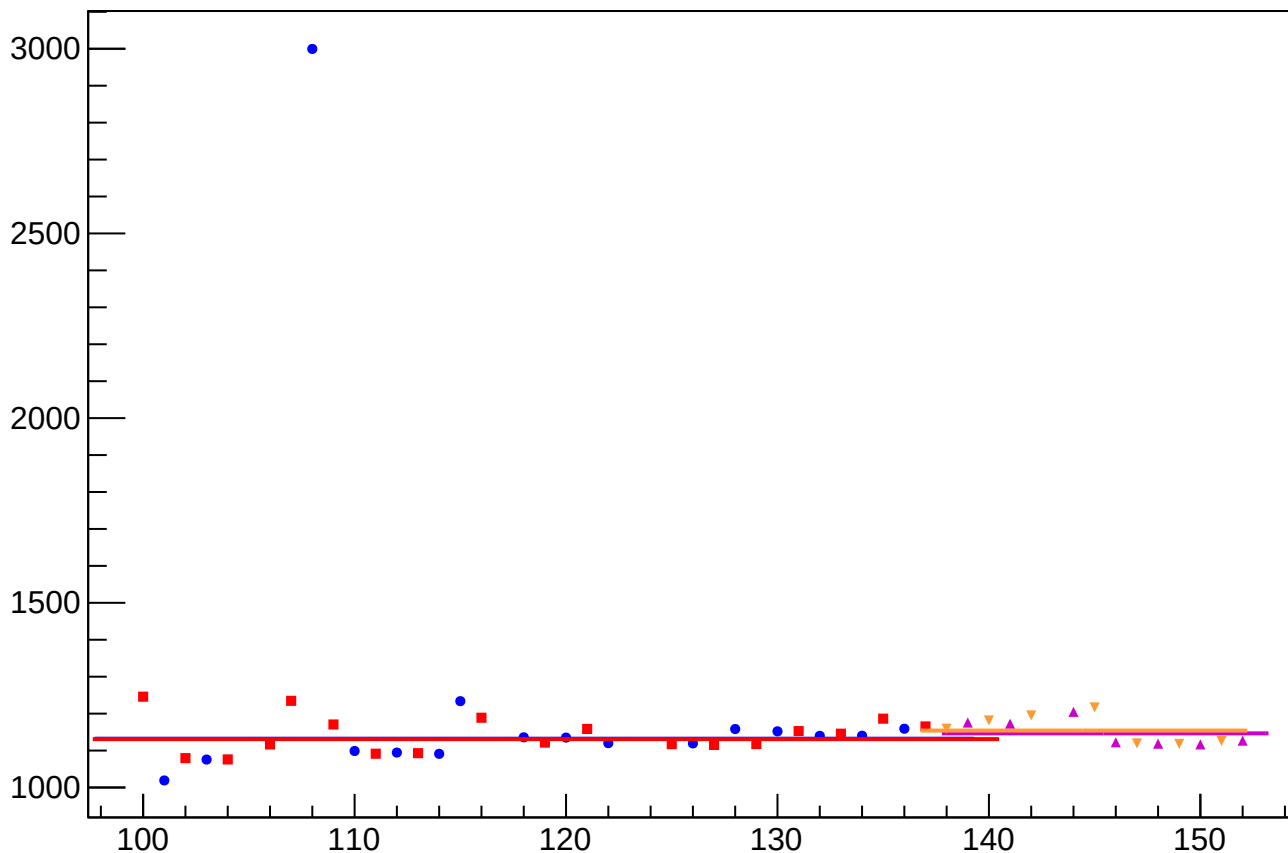
Right: 1966.016 $\pm$ 307.400 χ^2/NDF : 19.7/33

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

Out: 1716.824 $\pm$ 327.817 χ^2/NDF : 21.1/24

All: 1738.533 $\pm$ 230.355 χ^2/NDF : 37.8/47

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074+/-0.313 χ^2/NDF : 316026.3/15

Left Out: 1154.154+/-0.361 χ^2/NDF : 10131.4/6

Right Out: 1131.016+/-0.302 χ^2/NDF : 19719.1/17

Left In: 1146.568+/-0.336 χ^2/NDF : 9351.4/6

Left: 1150.091+/-0.246 χ^2/NDF : 19719.4/13

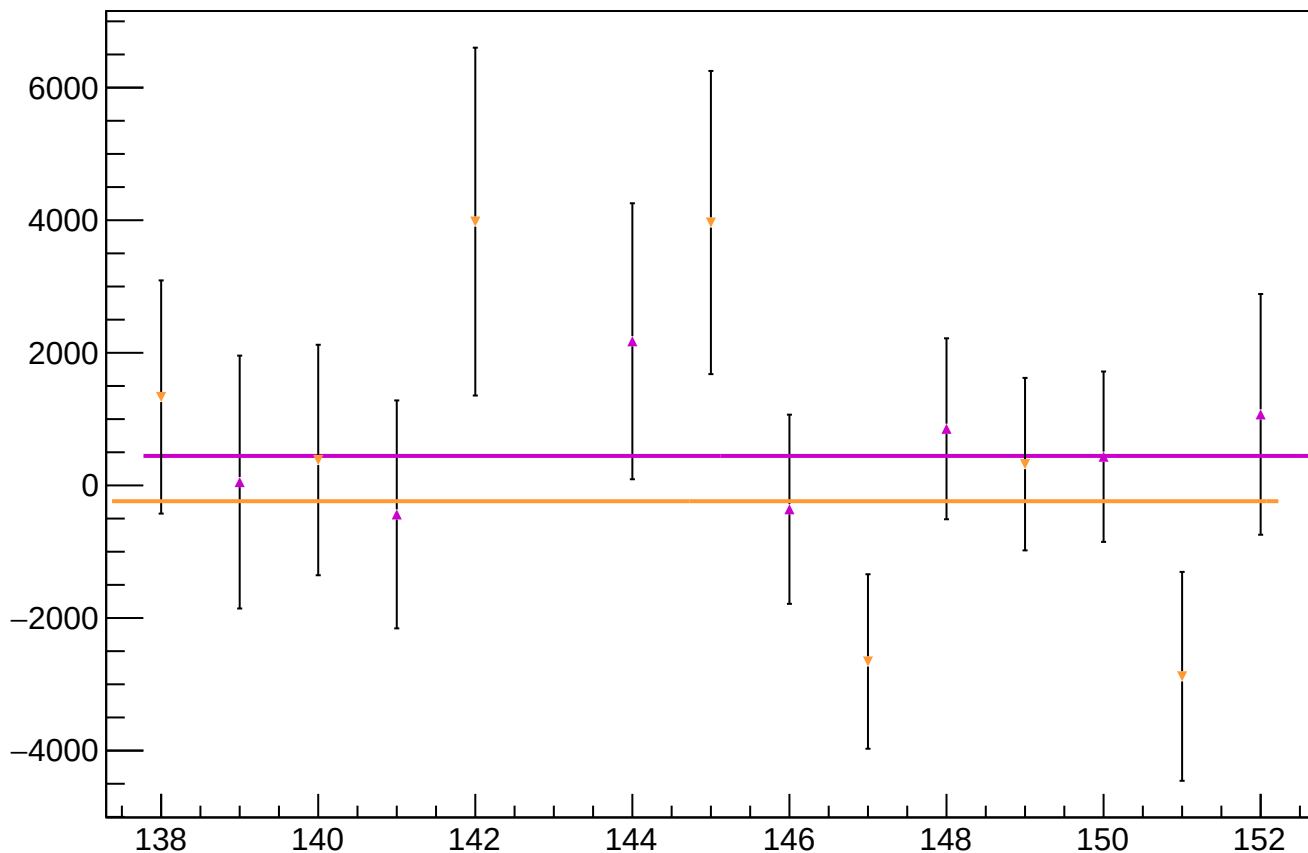
Right: 1131.528+/-0.217 χ^2/NDF : 335751.3/33

In: 1138.796+/-0.229 χ^2/NDF : 326374.3/22

Out: 1140.560+/-0.232 χ^2/NDF : 32265.0/24

All: 1139.667+/-0.163 χ^2/NDF : 358668.6/47

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -237.827+/-624.758 χ^2/NDF :13.3/6

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: 117.544+/-432.604 χ^2/NDF : 15.4/13

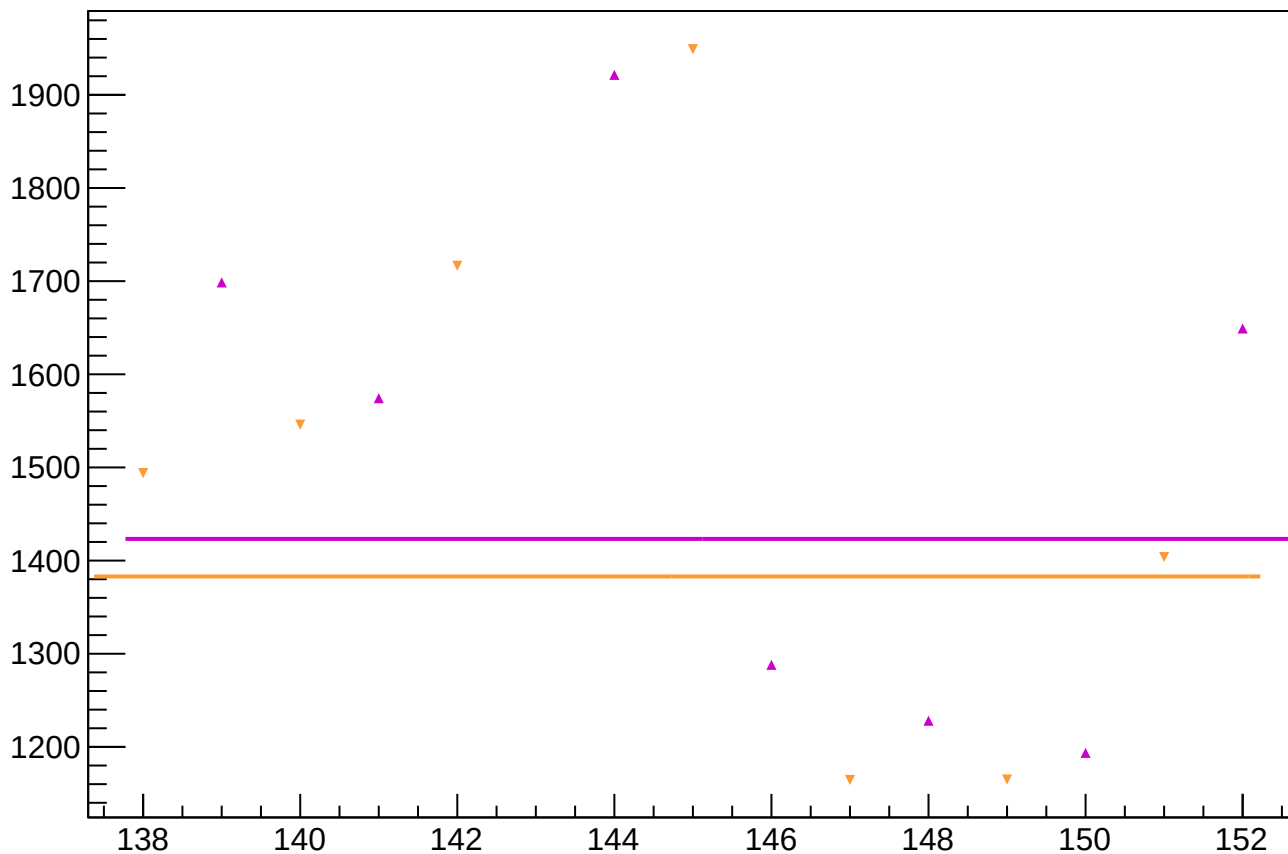
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 444.878+/-599.607 χ^2/NDF :1.5/6

Out: -237.827+/-624.758 χ^2/NDF :13.3/6

All: 117.544+/-432.604 χ^2/NDF : 15.4/13

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1382.976+/-0.442 χ^2/NDF : 292057.1/6

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: 1403.965+/-0.306 χ^2/NDF : 621881.2/13

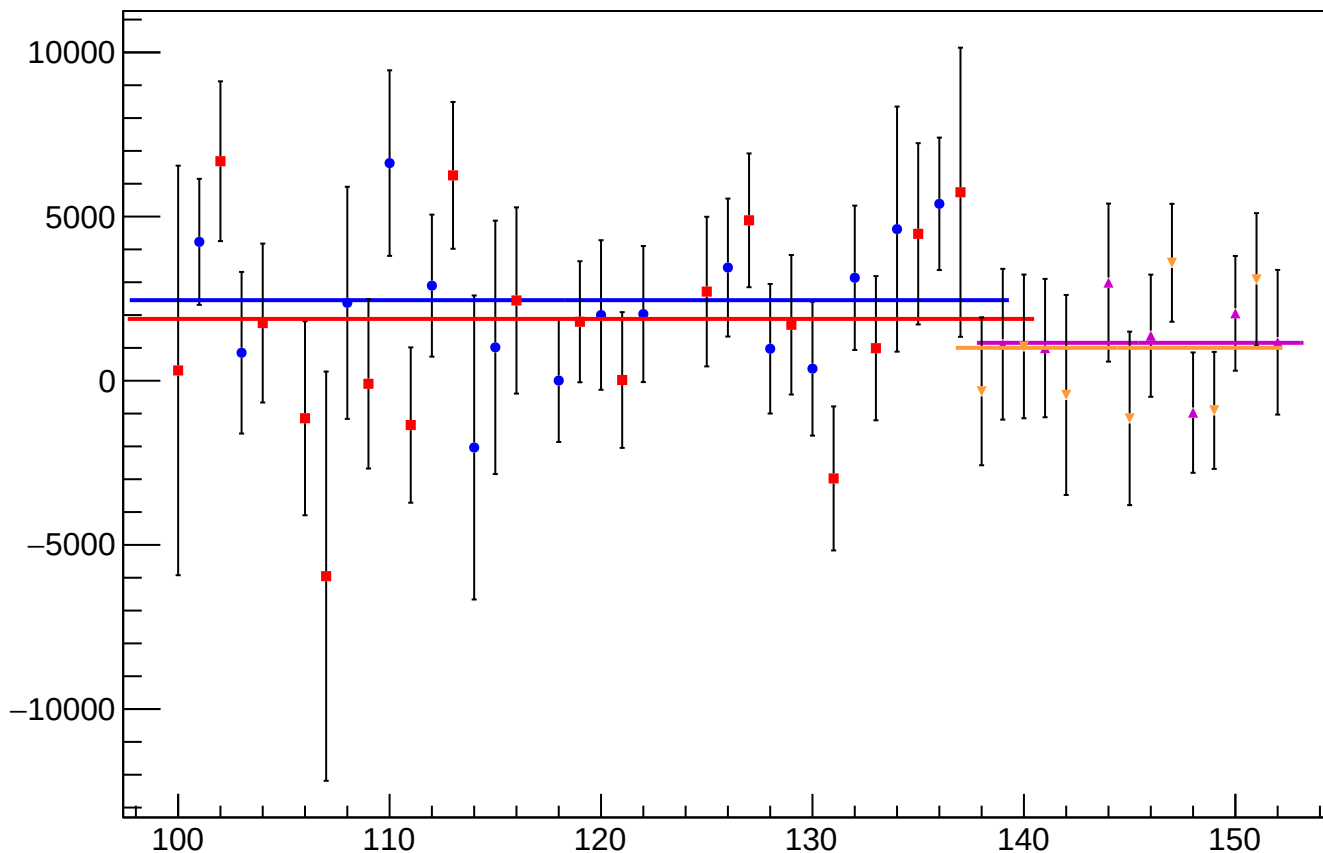
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1382.976+/-0.442 χ^2/NDF : 292057.1/6

All: 1403.965+/-0.306 χ^2/NDF : 621881.2/13

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1002.263+/-809.196 χ^2/NDF : 5.5/6

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: 1082.781+/-556.017 χ^2/NDF : 7.7/13

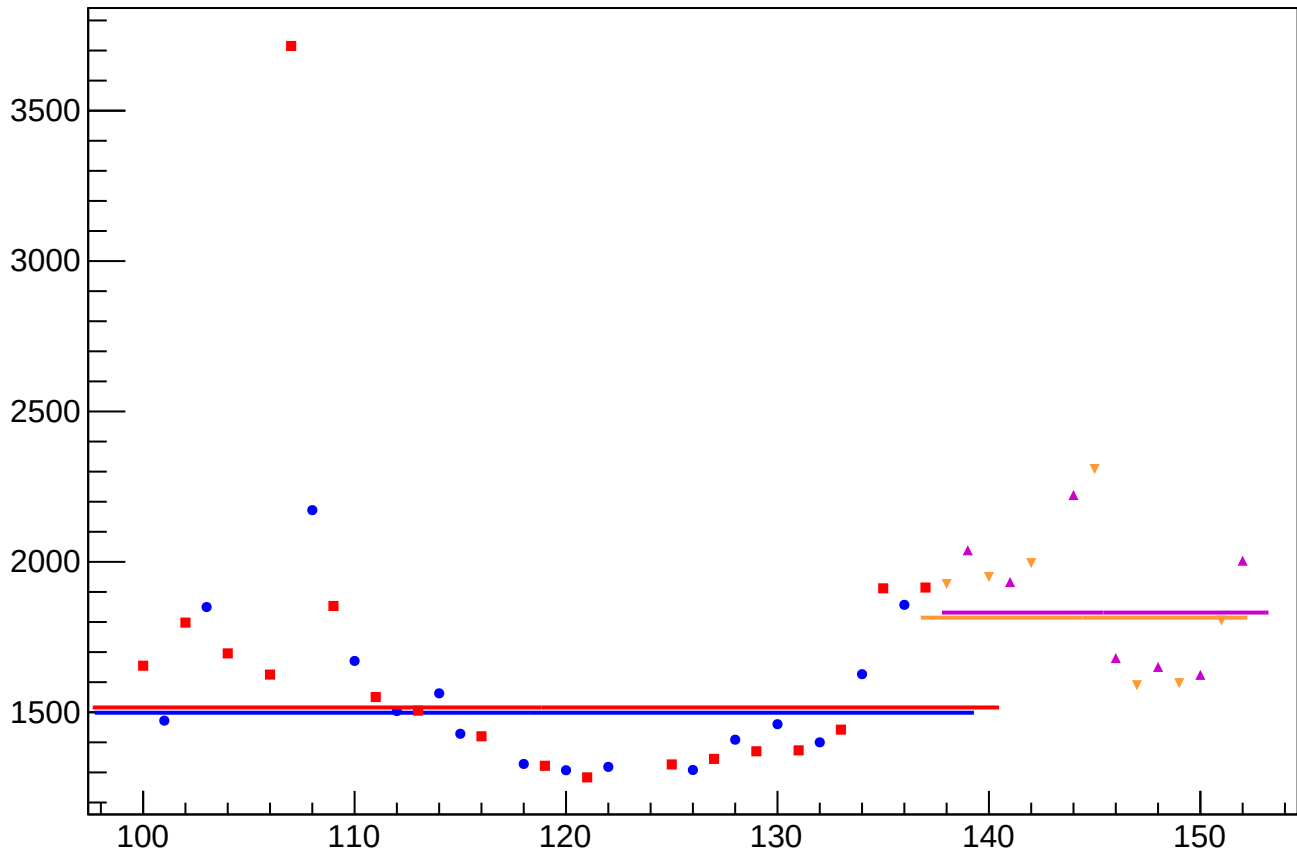
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

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

Out: 1581.759+/-473.120 χ^2/NDF : 29.1/24

All: 1782.203+/-331.427 χ^2/NDF : 44.2/47

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485 $\pm$ 0.413 χ^2 /NDF: 258807.5/15

Left Out: 1814.482 $\pm$ 0.572 χ^2 /NDF:150799.6/6

Right Out: 1515.949 $\pm$ 0.412 χ^2 /NDF: 480541.4/17

Left In: 1831.428 $\pm$ 0.541 χ^2 /NDF:146732.7/6

Left: 1823.427 $\pm$ 0.393 χ^2 /NDF: 297995.2/13

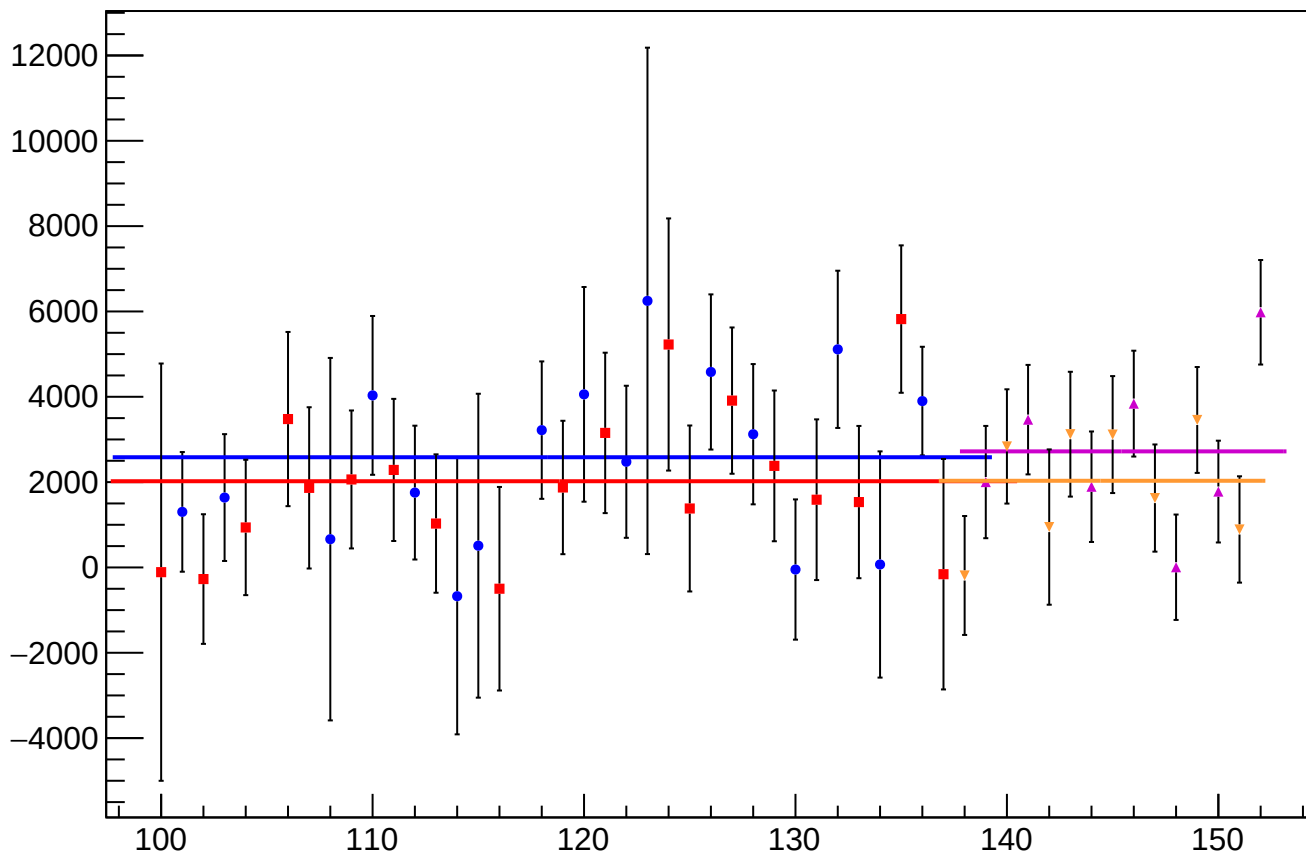
Right: 1507.233 $\pm$ 0.292 χ^2 /NDF: 740243.9/33

In: 1621.096 $\pm$ 0.328 χ^2 /NDF:644678.6/22

Out: 1618.002 $\pm$ 0.335 χ^2 /NDF:810498.1/24

All: 1619.578 $\pm$ 0.234 χ^2 /NDF: 1455220.2/47

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2031.292 $\pm$ 482.207 χ^2 /NDF: 6.7/7

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: 2381.921 $\pm$ 337.940 χ^2 /NDF: 22.1/14

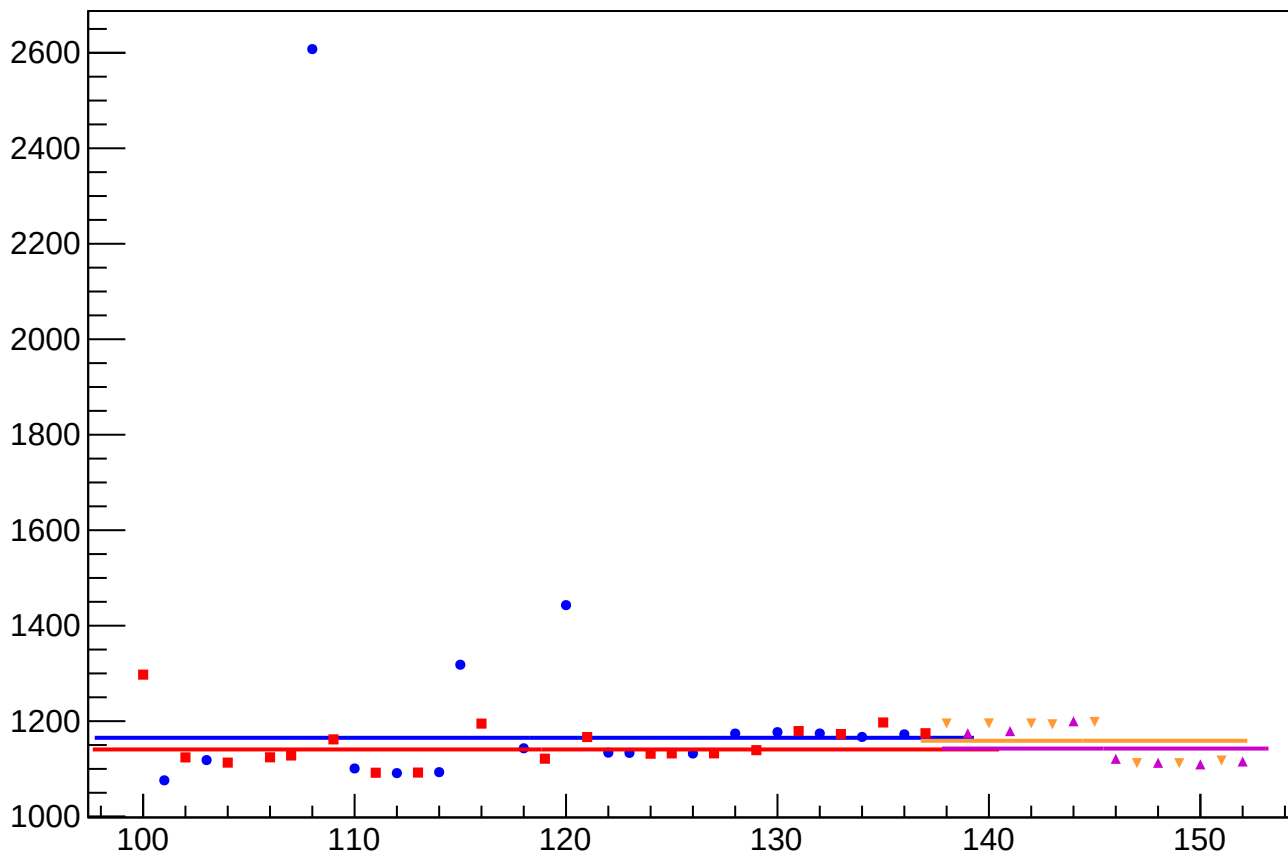
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

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

Out: 2025.372 $\pm$ 319.577 χ^2 /NDF: 20.2/26

All: 2329.387 $\pm$ 228.718 χ^2 /NDF: 48.8/50

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1158.929 $\pm$ 0.341 χ^2 /NDF:14242.1/7

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: 1150.631 $\pm$ 0.239 χ^2 /NDF: 26393.3/14

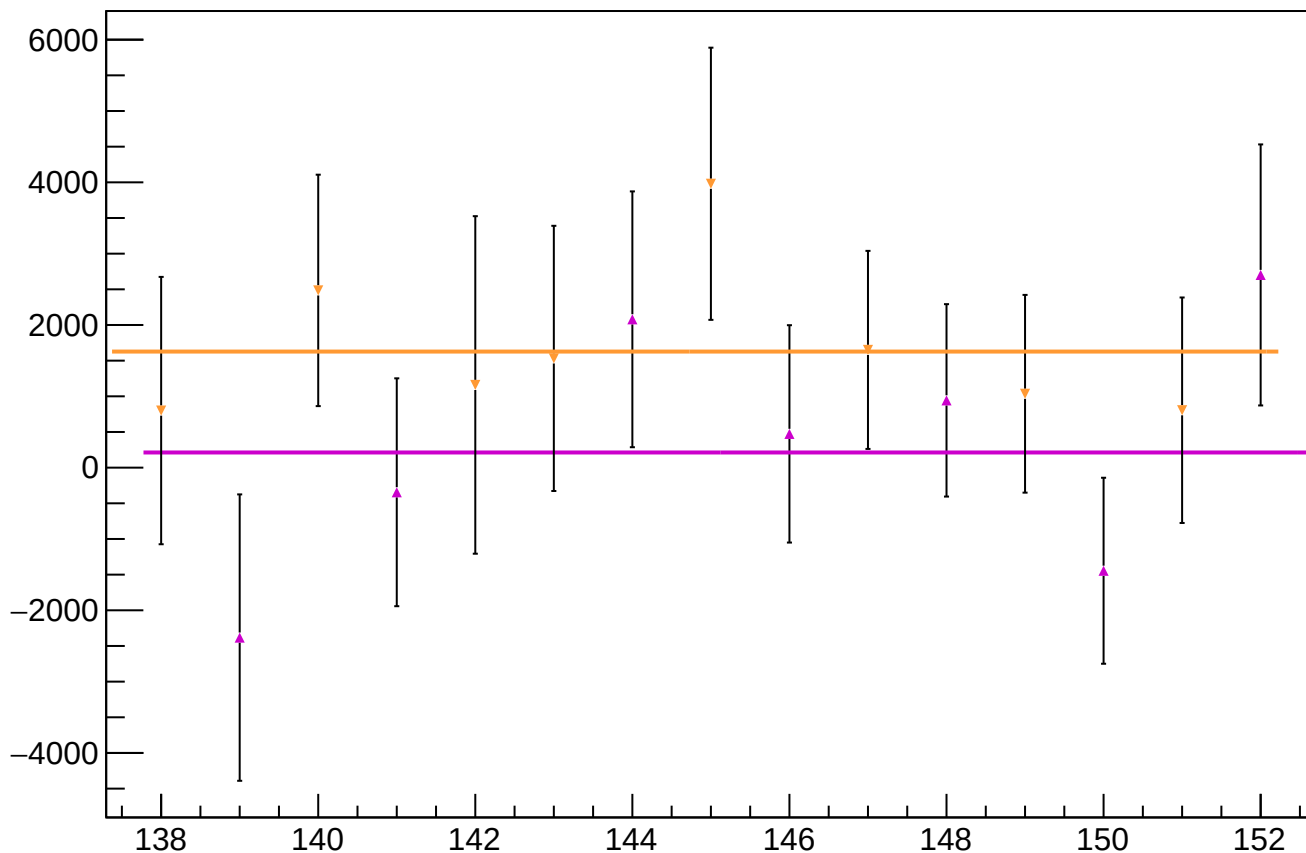
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

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

Out: 1148.736 $\pm$ 0.226 χ^2 /NDF:28553.5/26

All: 1151.490 $\pm$ 0.162 χ^2 /NDF: 320776.4/50

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1627.443+/-592.666 χ^2/NDF : 2.5/7

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: 923.601+/-420.139 χ^2/NDF : 12.0/14

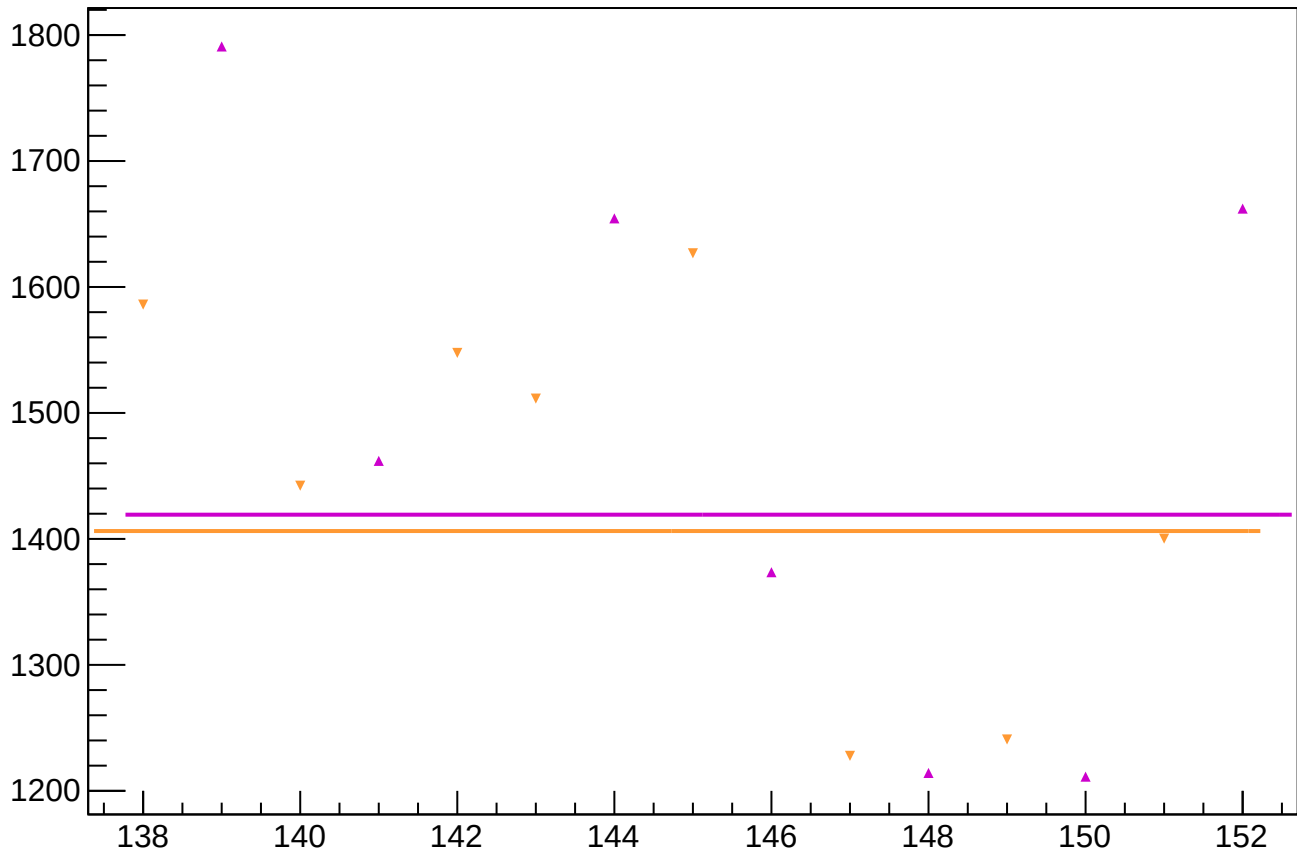
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 212.587+/-595.678 χ^2/NDF : 6.7/6

Out: 1627.443+/-592.666 χ^2/NDF : 2.5/7

All: 923.601+/-420.139 χ^2/NDF : 12.0/14

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1406.250+/-0.419 χ^2/NDF :121221.5/7

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: 1412.709+/-0.297 χ^2/NDF : 360254.0/14

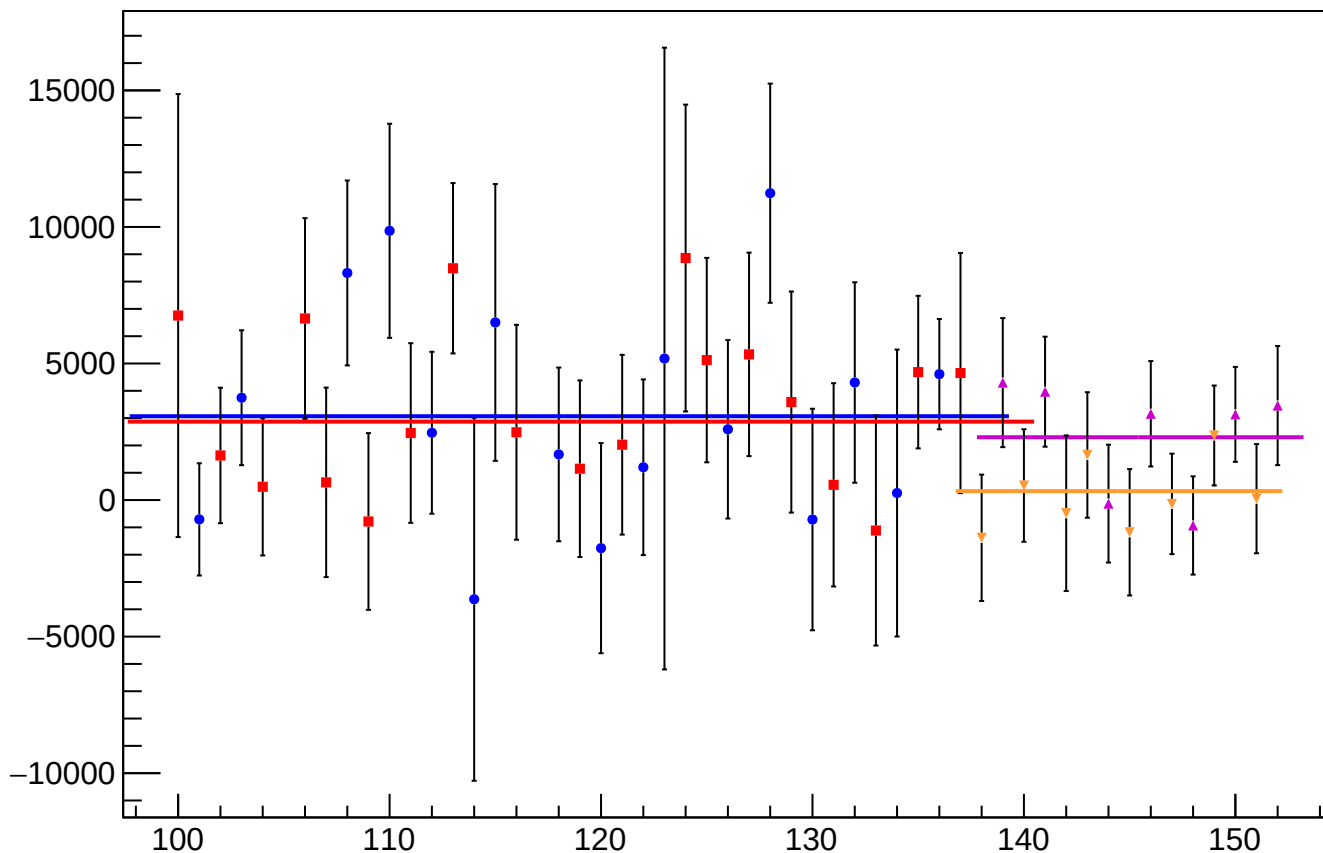
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1406.250+/-0.419 χ^2/NDF :121221.5/7

All: 1412.709+/-0.297 χ^2/NDF : 360254.0/14

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484+/-797.741 χ^2/NDF : 18.5/16

Left Out: 327.043+/-752.370 χ^2/NDF : 2.7/7

Right Out: 2872.615+/-795.352 χ^2/NDF : 11.6/18

Left In: 2300.897+/-753.997 χ^2/NDF : 6.6/6

Left: 1311.837+/-532.580 χ^2/NDF : 12.8/14

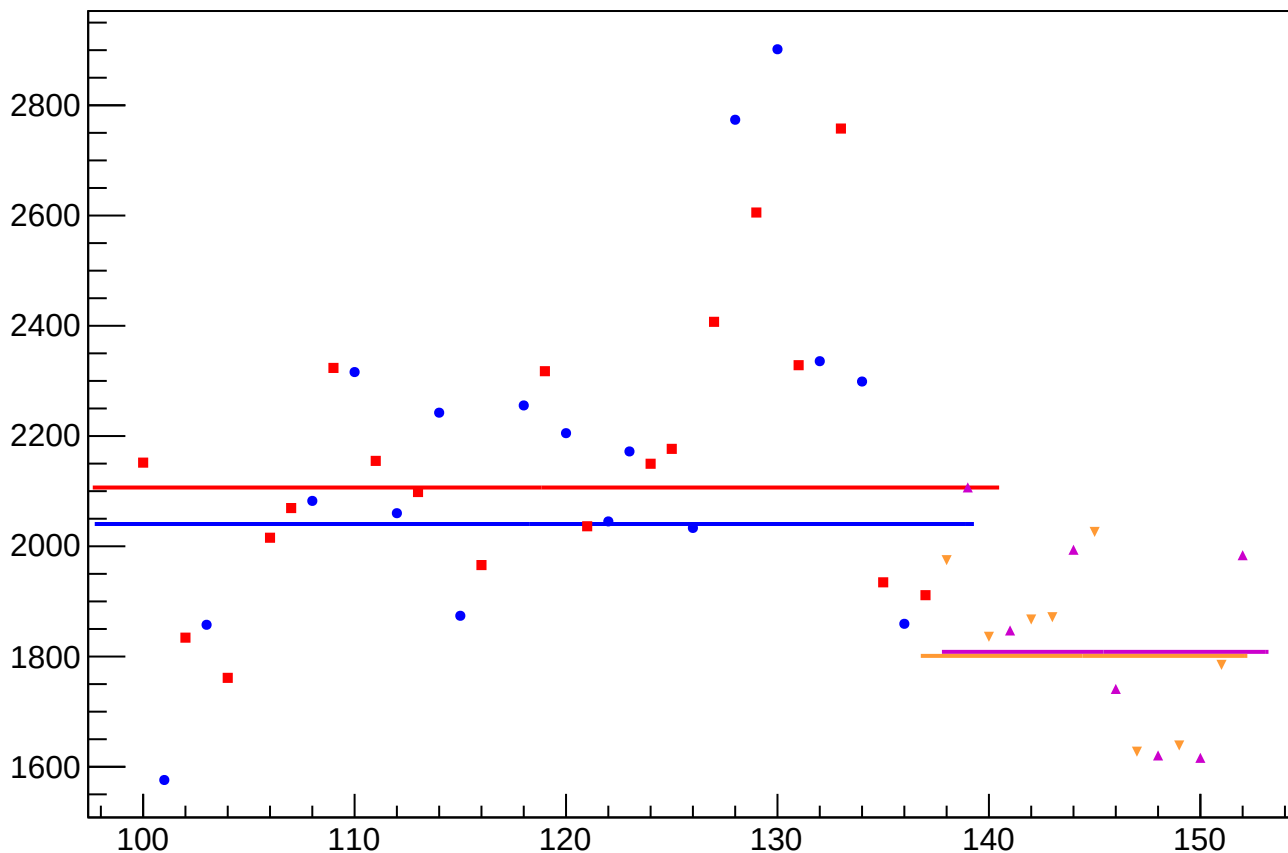
Right: 2970.754+/-563.242 χ^2/NDF : 30.1/35

In: 2663.541+/-547.969 χ^2/NDF : 25.6/23

Out: 1529.189+/-546.570 χ^2/NDF : 19.7/26

All: 2094.915+/-386.977 χ^2/NDF : 47.5/50

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433+/-0.564 χ^2/NDF : 331339.9/16

Left Out: 1801.201+/-0.532 χ^2/NDF : 67451.2/7

Right Out: 2106.624+/-0.562 χ^2/NDF : 195414.9/18

Left In: 1808.490+/-0.533 χ^2/NDF : 109001.2/6

Left: 1804.837+/-0.377 χ^2/NDF : 176546.1/14

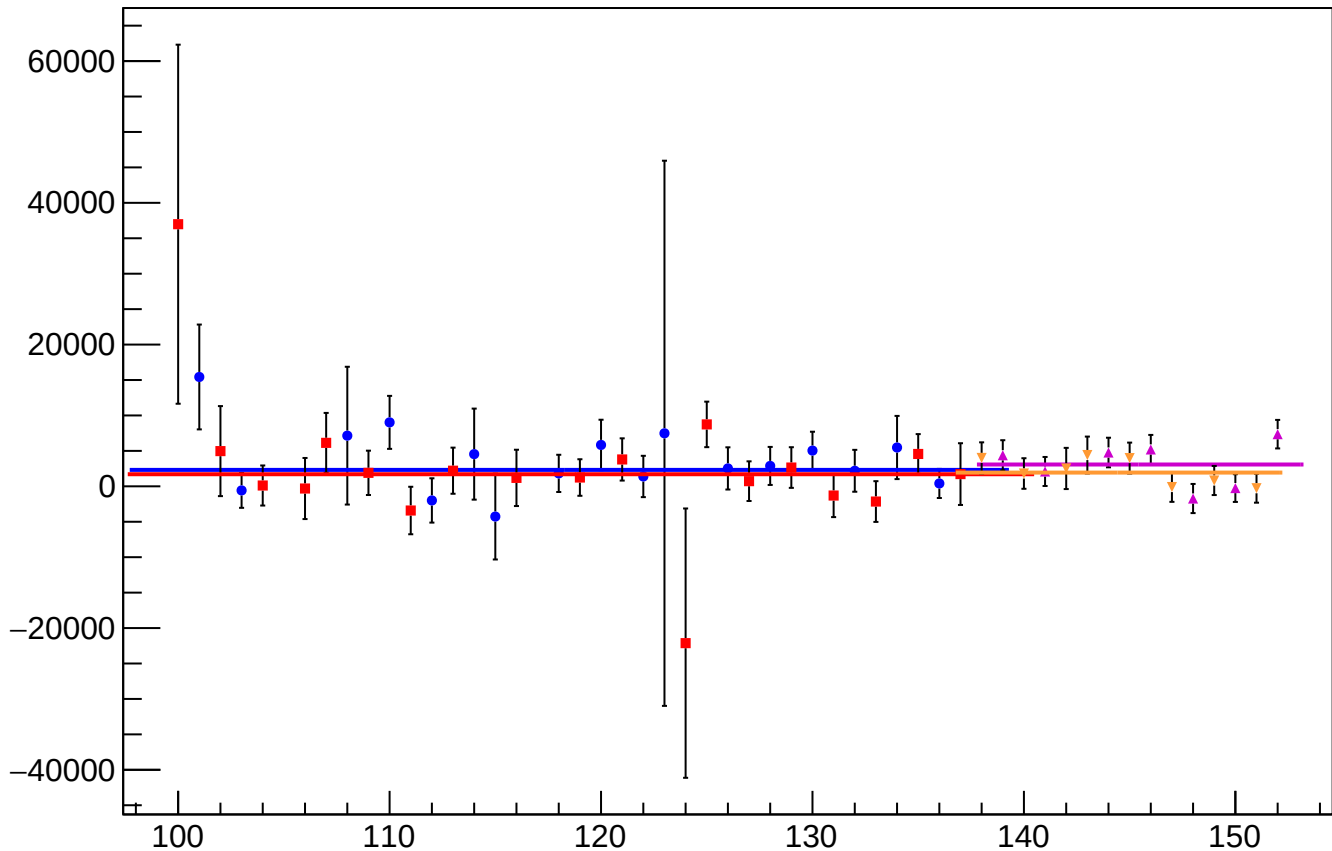
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

In: 1917.928+/-0.387 χ^2/NDF : 529639.2/23

Out: 1945.437+/-0.386 χ^2/NDF : 418514.0/26

All: 1931.718+/-0.274 χ^2/NDF : 950679.7/50

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1938.944 $\pm$ 789.847 χ^2 /NDF:5.1/7

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: 2520.755 $\pm$ 552.533 χ^2 /NDF: 21.4/14

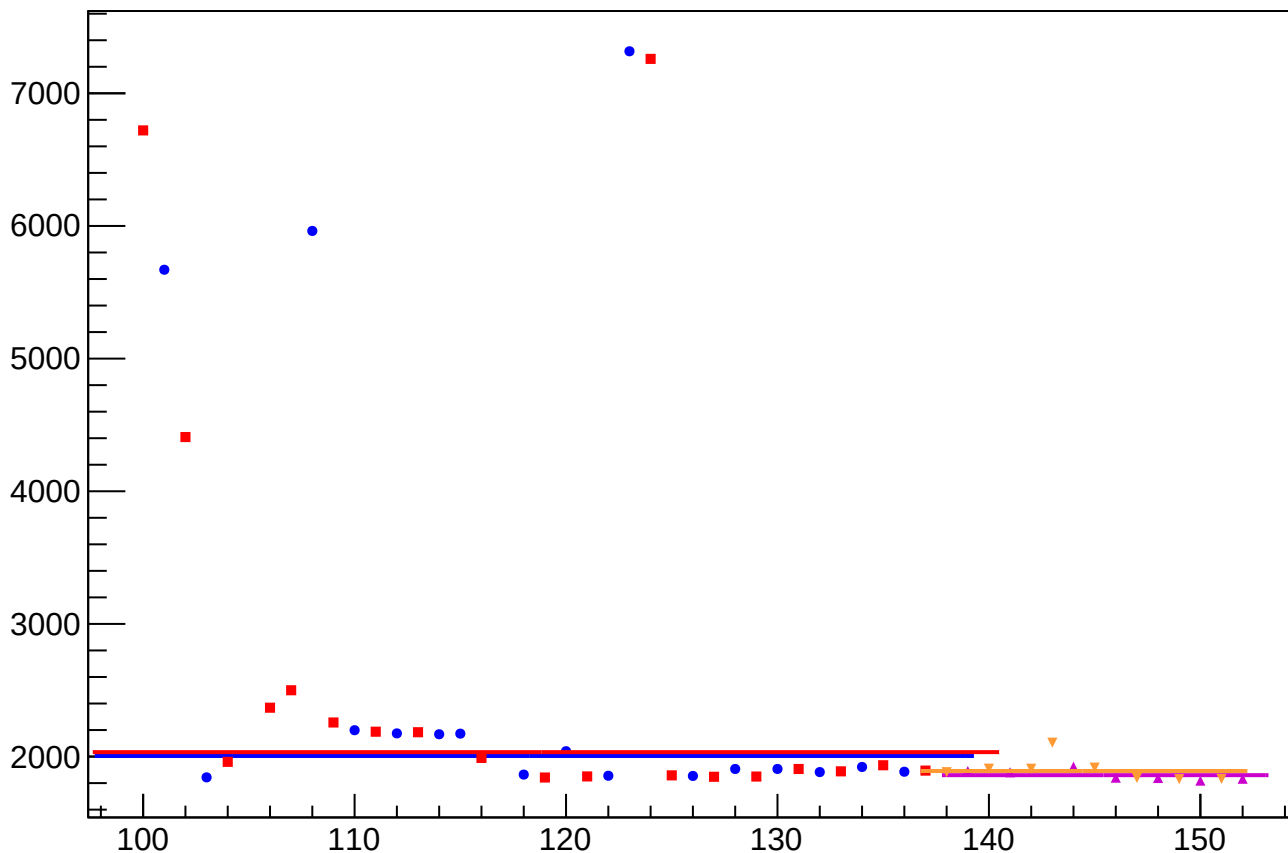
Right: 2005.073 $\pm$ 560.015 χ^2 /NDF: 32.3/35

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

Out: 1821.187 $\pm$ 556.015 χ^2 /NDF:22.3/26

All: 2266.382 $\pm$ 393.318 χ^2 /NDF: 54.1/50

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1891.204+/-0.559 χ^2/NDF : 18685.6/7

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: 1875.173+/-0.391 χ^2/NDF : 24472.2/14

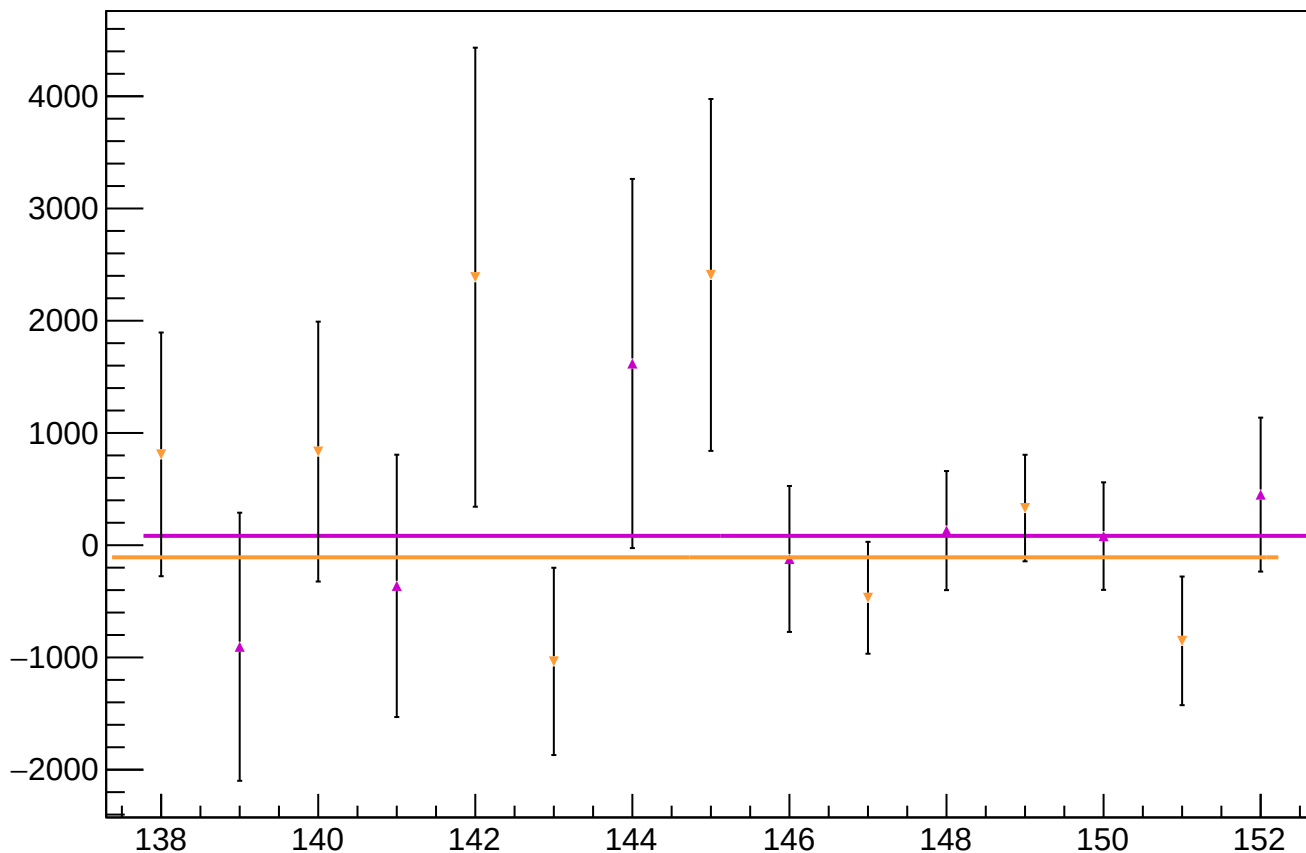
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

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

Out: 1962.981+/-0.393 χ^2/NDF : 662436.2/26

All: 1946.297+/-0.278 χ^2/NDF : 1620012.1/50

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -107.811+/-256.605 χ^2/NDF :9.7/7

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: -15.406+/-184.450 χ^2/NDF : 12.1/14

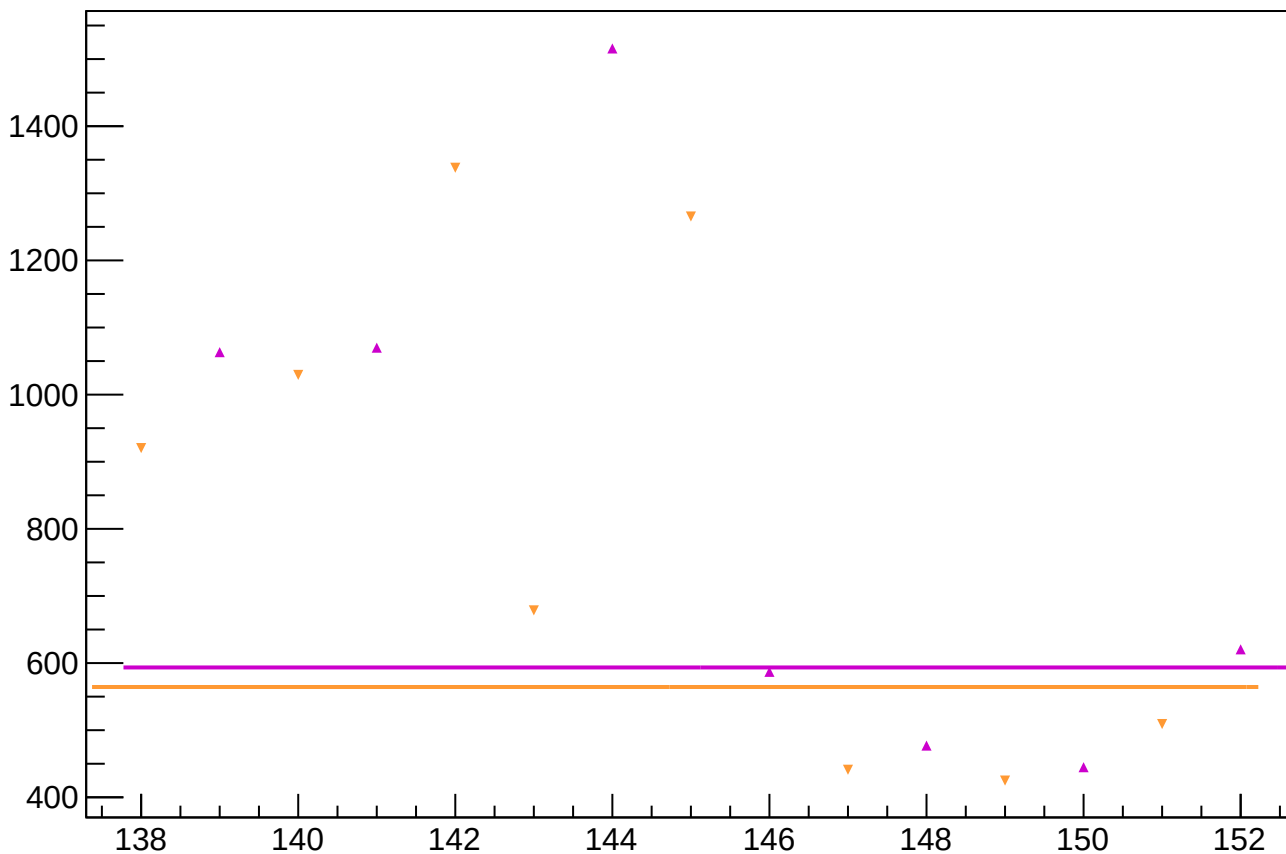
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.379+/-265.317 χ^2/NDF :2.1/6

Out: -107.811+/-256.605 χ^2/NDF :9.7/7

All: -15.406+/-184.450 χ^2/NDF : 12.1/14

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 564.353+/-0.181 χ^2/NDF :1575050.0/7

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: 578.427+/-0.130 χ^2/NDF : 3150802.9/14

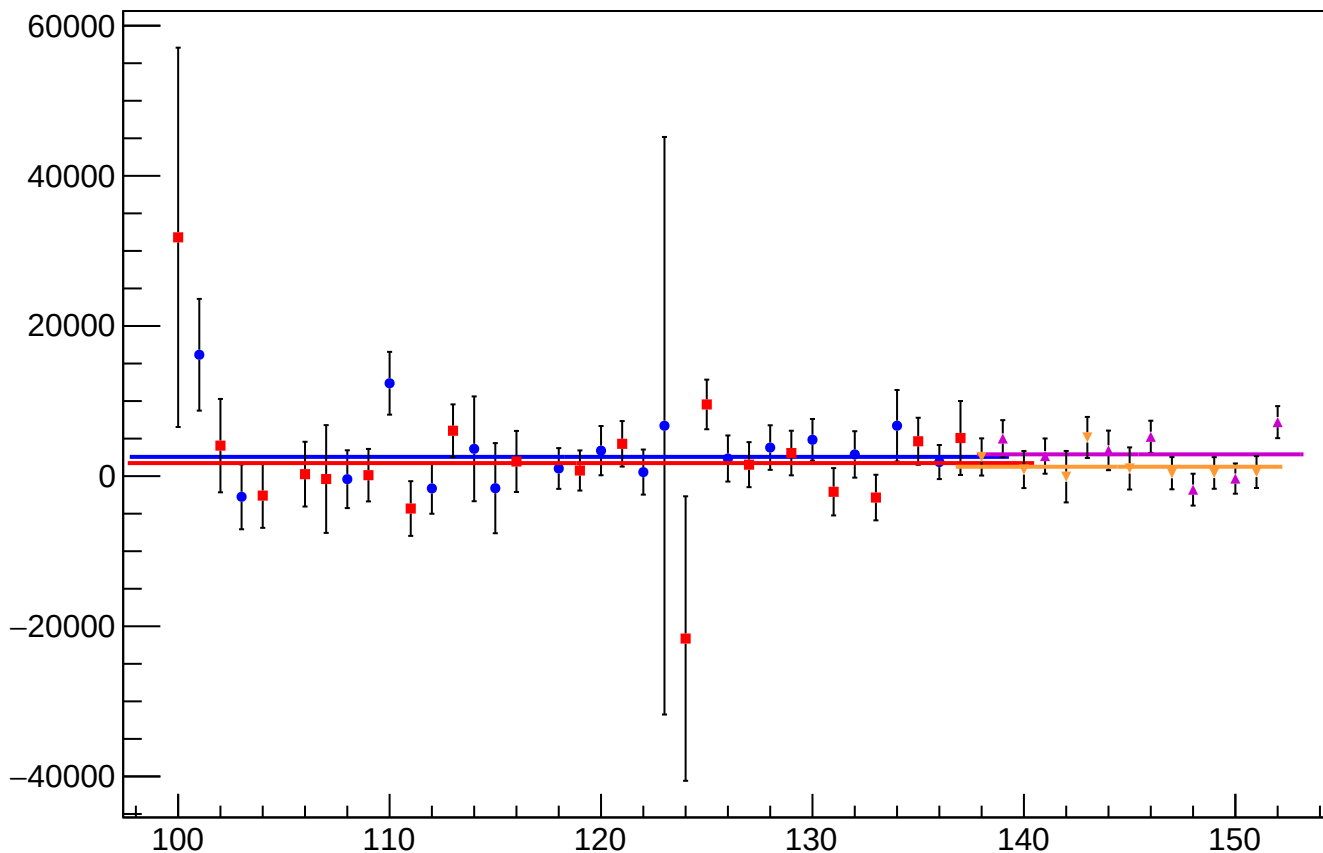
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 564.353+/-0.181 χ^2/NDF :1575050.0/7

All: 578.427+/-0.130 χ^2/NDF : 3150802.9/14

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1250.836 $\pm$ 864.122 χ^2/NDF : 2.9/7

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: 2094.556 $\pm$ 604.295 χ^2/NDF : 18.3/14

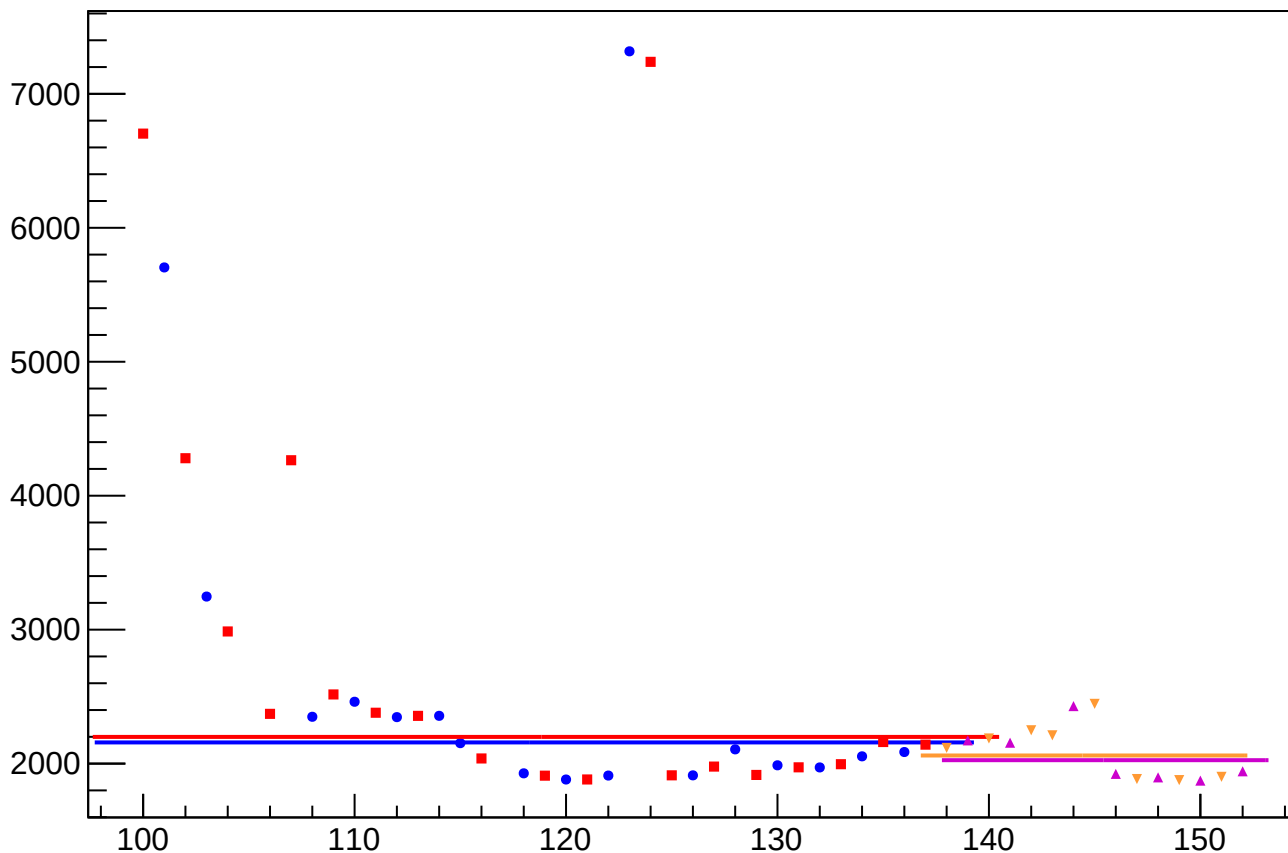
Right: 2150.830 $\pm$ 604.316 χ^2/NDF : 36.5/35

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

Out: 1497.361 $\pm$ 607.121 χ^2/NDF : 23.6/26

All: 2122.692 $\pm$ 427.308 χ^2/NDF : 54.9/50

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2060.635 $\pm$ 0.611 χ^2/NDF : 96223.0/7

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: 2042.726 $\pm$ 0.427 χ^2/NDF : 184654.9/14

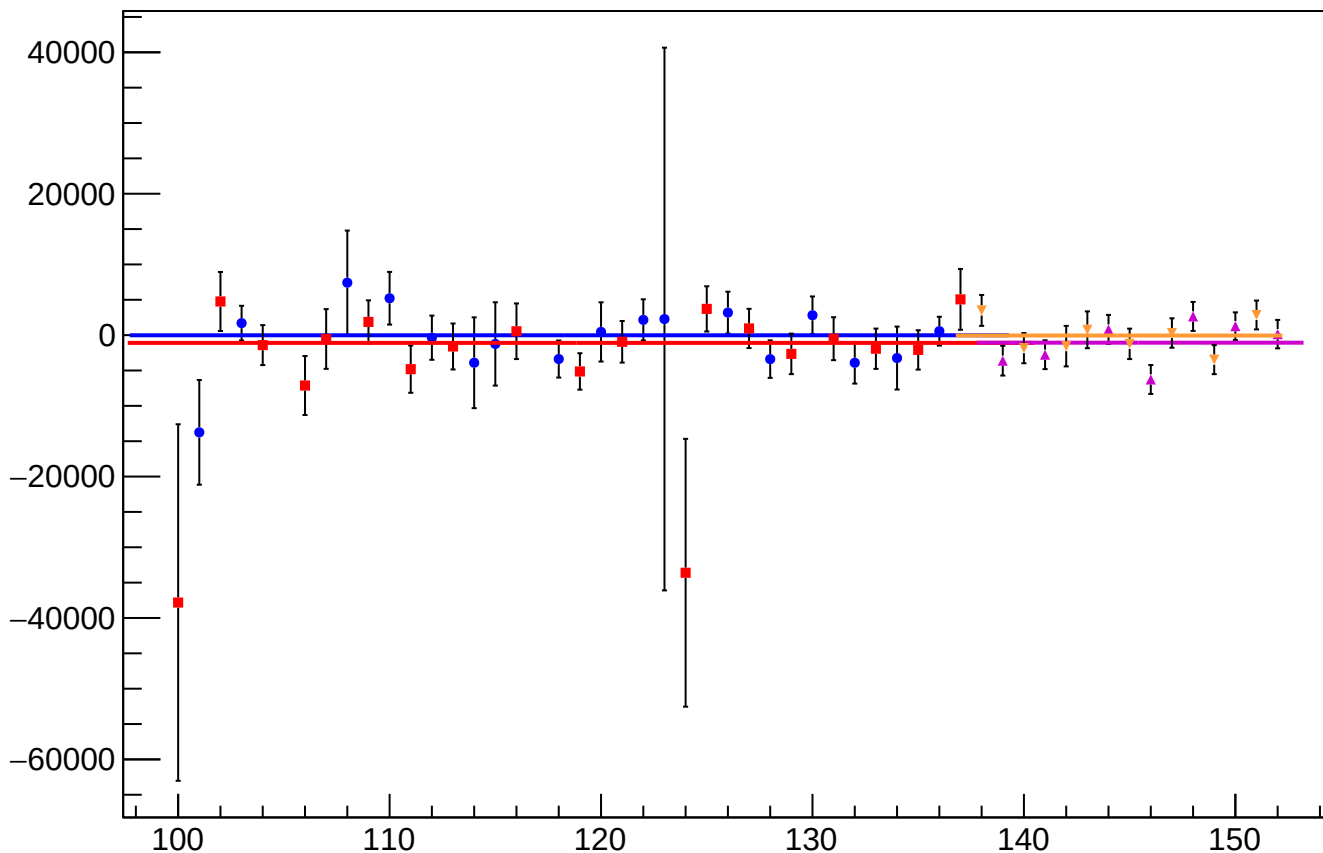
Right: 2178.816 $\pm$ 0.427 χ^2/NDF : 1519207.5/35

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

Out: 2130.873 $\pm$ 0.429 χ^2/NDF : 925339.9/26

All: 2110.769 $\pm$ 0.302 χ^2/NDF : 1754577.6/50

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -52.342+/-785.180 χ^2/NDF : 8.8/7

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: -569.150+/-549.573 χ^2/NDF : 24.2/14

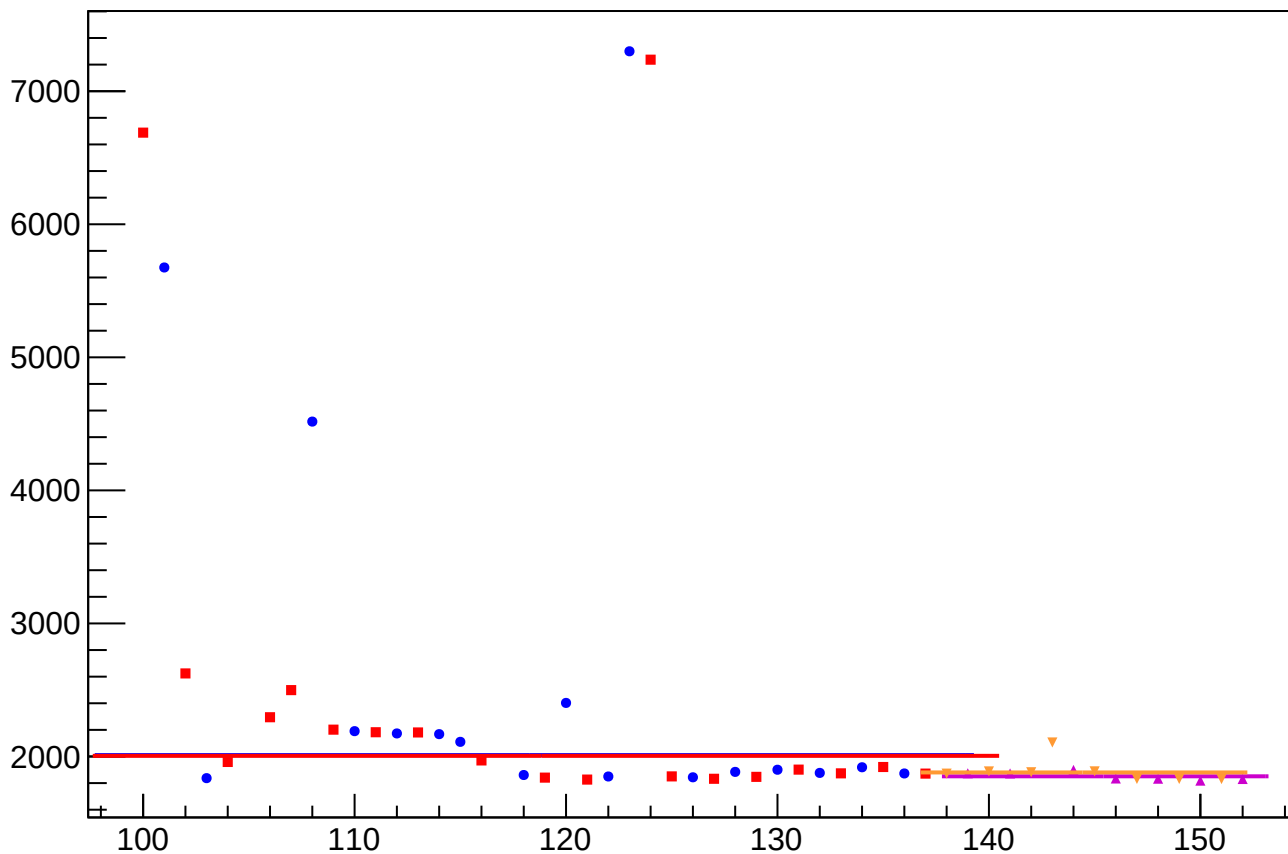
Right: -578.567+/-555.139 χ^2/NDF : 36.2/35

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

Out: -584.256+/-549.660 χ^2/NDF : 29.1/26

All: -573.811+/-390.560 χ^2/NDF : 60.4/50

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1880.108+/-0.555 χ^2/NDF : 18498.2/7

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: 1865.275+/-0.389 χ^2/NDF : 22468.7/14

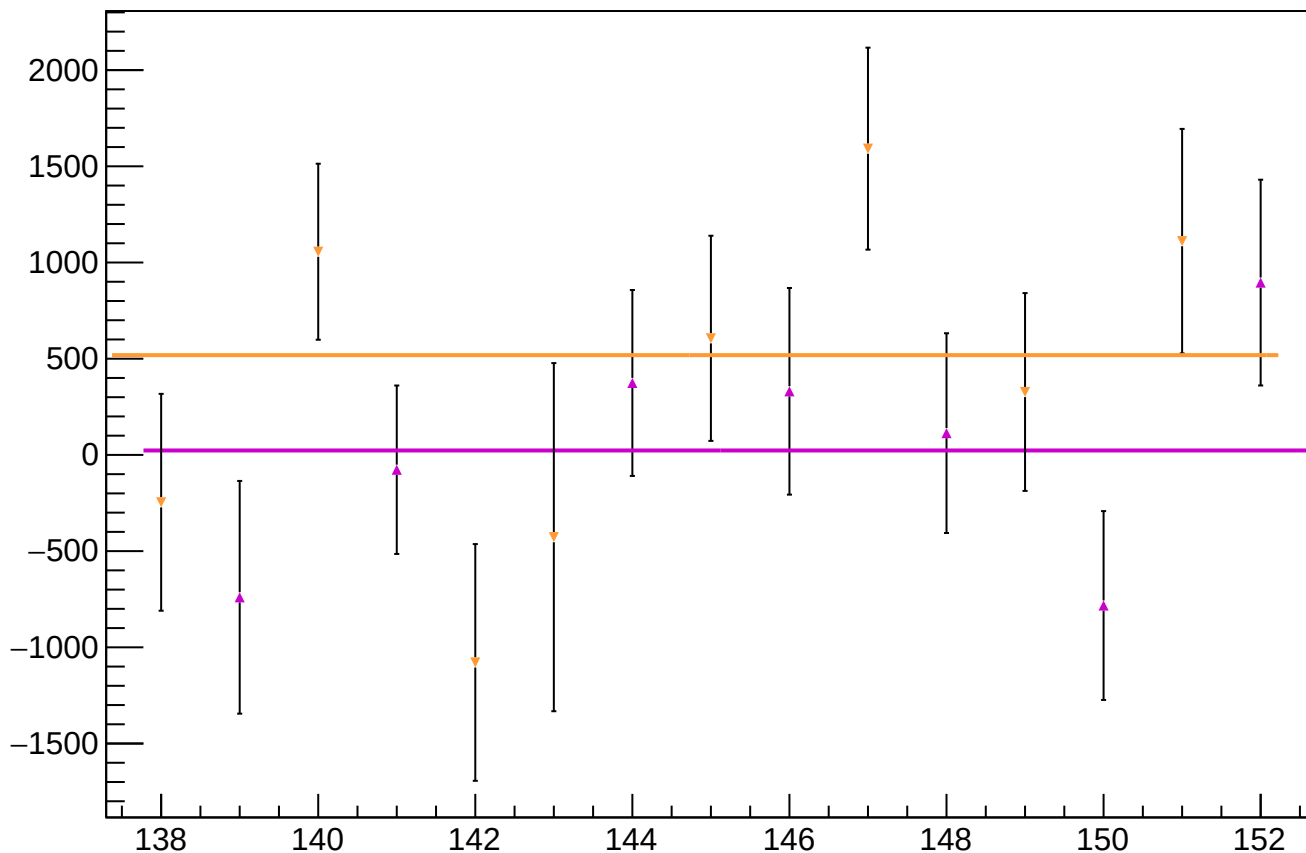
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

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

Out: 1943.736+/-0.389 χ^2/NDF : 411766.2/26

All: 1935.656+/-0.276 χ^2/NDF : 1296044.6/50

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 518.667+/-197.399 χ^2/NDF :16.4/7

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: 264.282+/-137.713 χ^2/NDF : 27.6/14

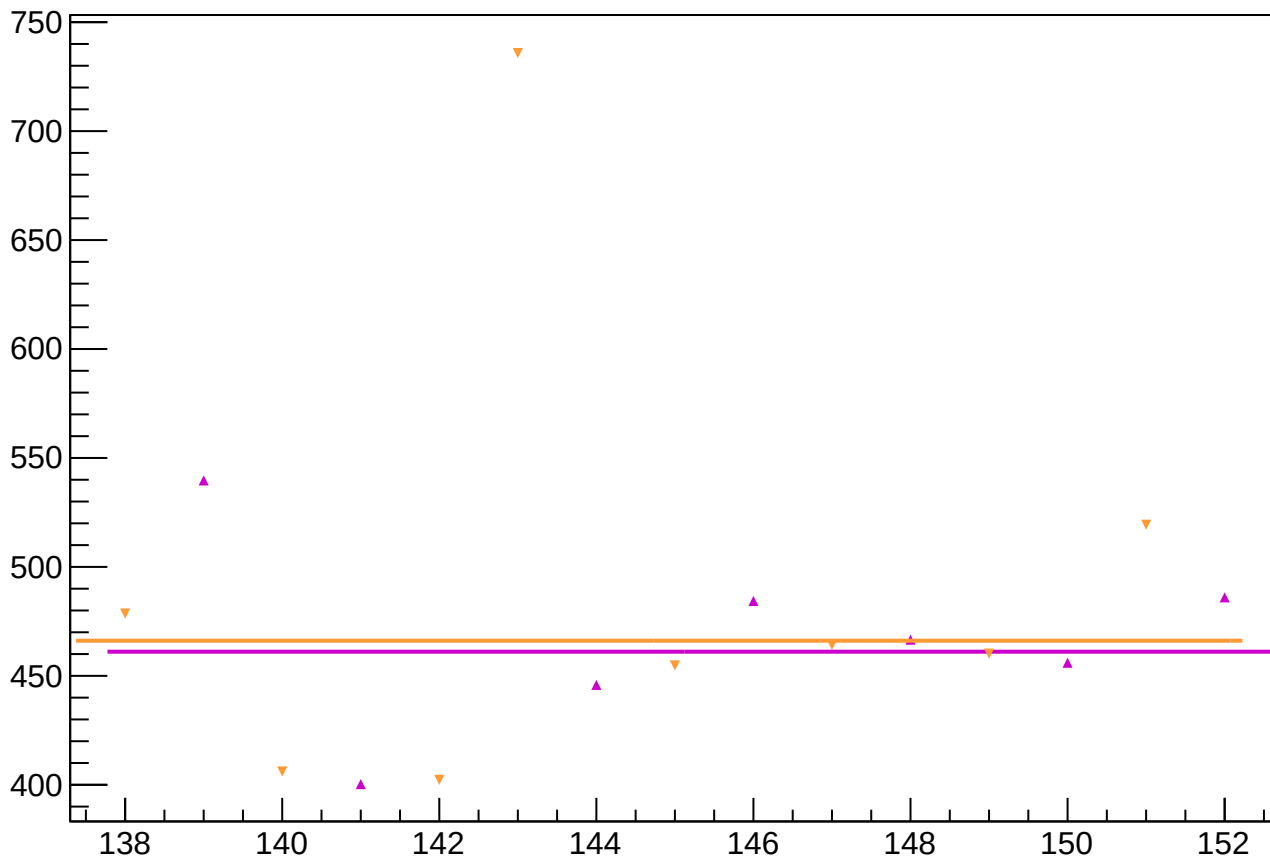
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.082+/-192.215 χ^2/NDF :7.9/6

Out: 518.667+/-197.399 χ^2/NDF :16.4/7

All: 264.282+/-137.713 χ^2/NDF : 27.6/14

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 466.138+/-0.140 χ^2/NDF : 252538.8/7

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: 463.544+/-0.097 χ^2/NDF : 336096.4/14

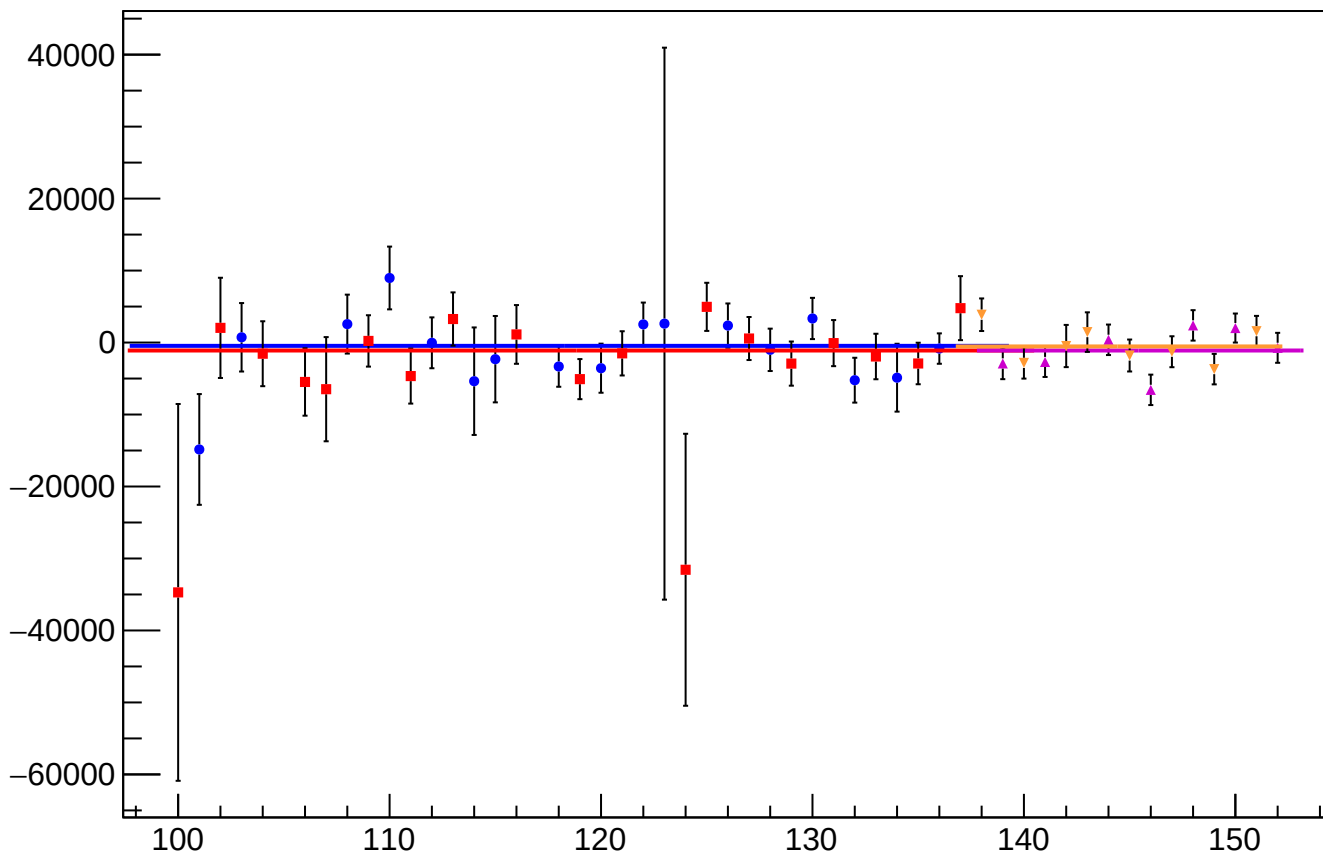
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 466.138+/-0.140 χ^2/NDF : 252538.8/7

All: 463.544+/-0.097 χ^2/NDF : 336096.4/14

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -540.485+/-811.898 χ^2/NDF : 9.1/7

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: -829.161+/-567.580 χ^2/NDF : 22.9/14

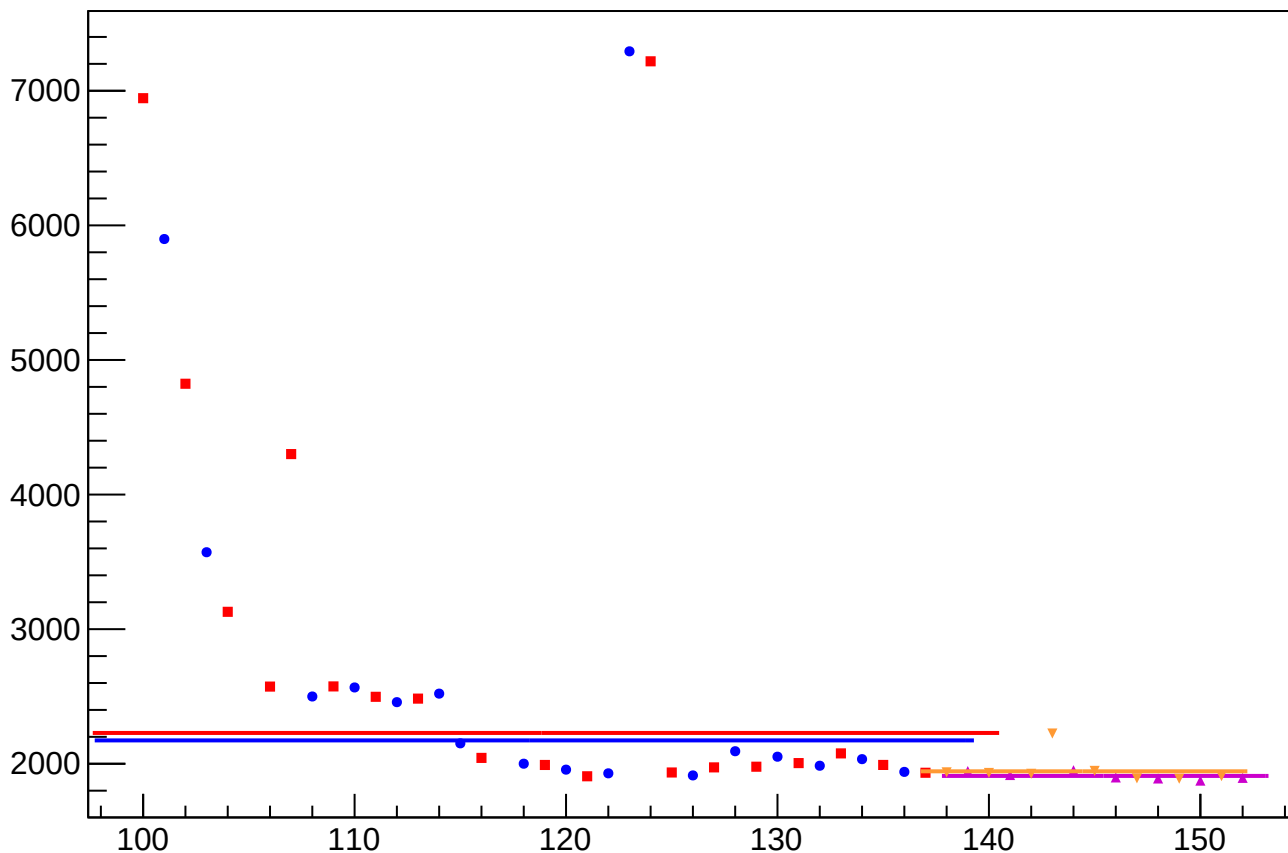
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

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

Out: -803.861+/-592.673 χ^2/NDF : 26.2/26

All: -806.707+/-416.304 χ^2/NDF : 58.1/50

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529+/-0.612 χ^2/NDF : 805360.7/16

Left Out: 1943.880+/-0.574 χ^2/NDF : 24141.6/7

Right Out: 2228.892+/-0.613 χ^2/NDF : 895863.4/18

Left In: 1909.634+/-0.561 χ^2/NDF : 2282.4/6

Left: 1926.370+/-0.401 χ^2/NDF : 28243.3/14

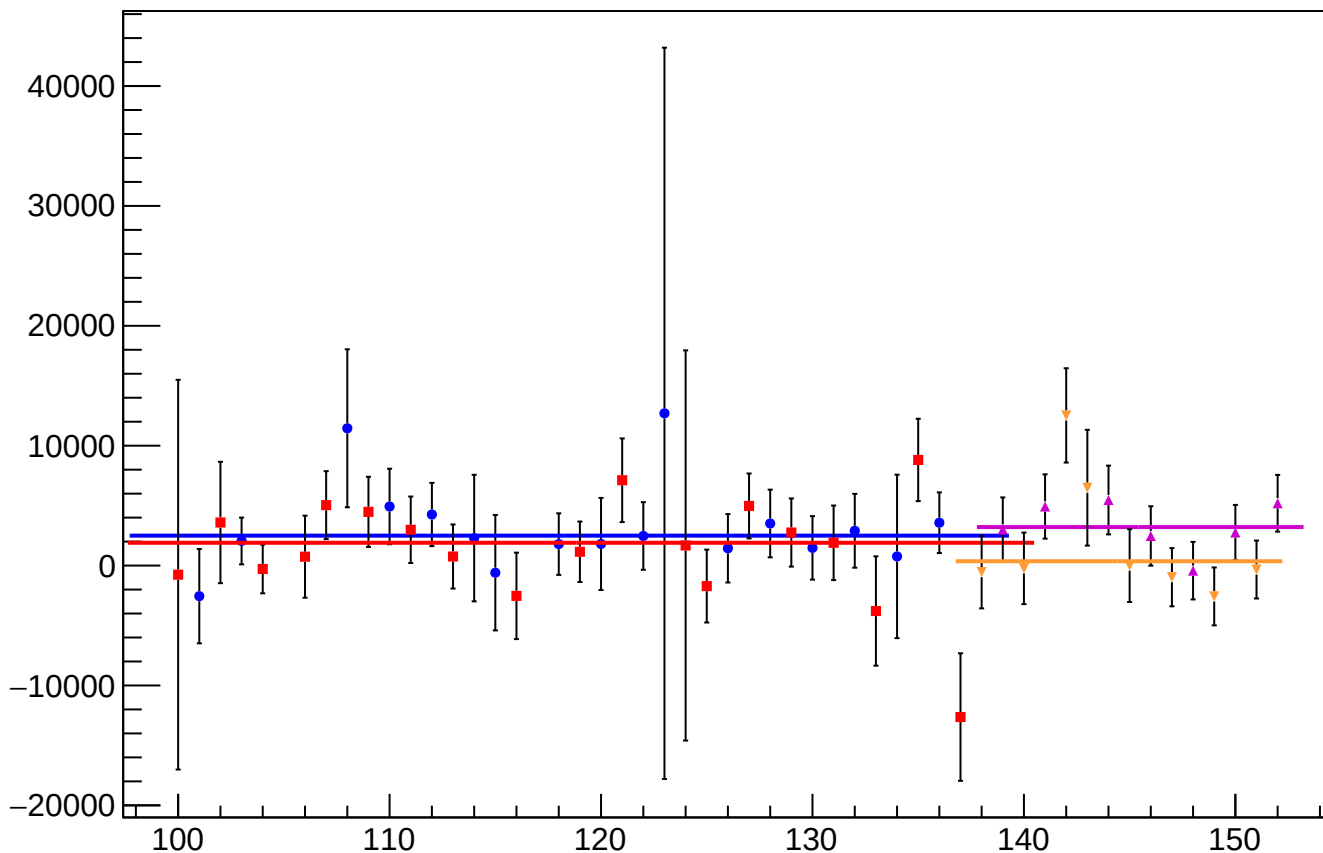
Right: 2201.146+/-0.433 χ^2/NDF : 1705309.7/35

In: 2030.247+/-0.414 χ^2/NDF : 908676.7/23

Out: 2077.016+/-0.419 χ^2/NDF : 1035135.1/26

All: 2053.322+/-0.294 χ^2/NDF : 1950121.2/50

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610+/-768.295 χ^2/NDF : 5.9/16

Left Out: 359.800+/-1026.280 χ^2/NDF :13.2/7

Right Out: 1902.970+/-736.793 χ^2/NDF : 23.5/18

Left In: 3213.825+/-951.519 χ^2/NDF :4.2/6

Left: 1894.540+/-697.760 χ^2/NDF : 21.5/14

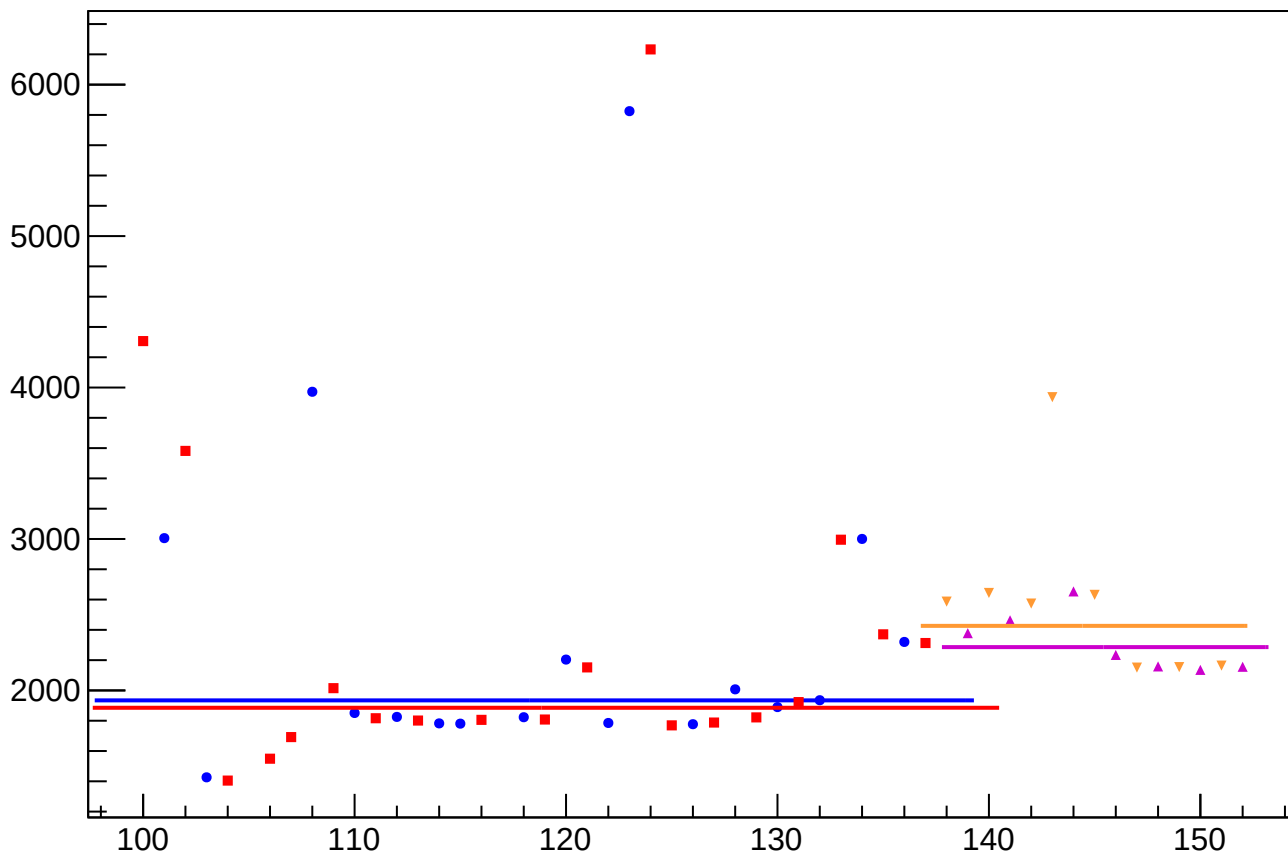
Right: 2187.370+/-531.779 χ^2/NDF : 29.7/35

In: 2779.665+/-597.762 χ^2/NDF :10.4/23

Out: 1378.113+/-598.521 χ^2/NDF :38.1/26

All: 2079.778+/-422.950 χ^2/NDF : 51.3/50

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2426.384+/-0.726 χ^2/NDF :298324.5/7

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: 2350.941+/-0.493 χ^2/NDF : 383454.8/14

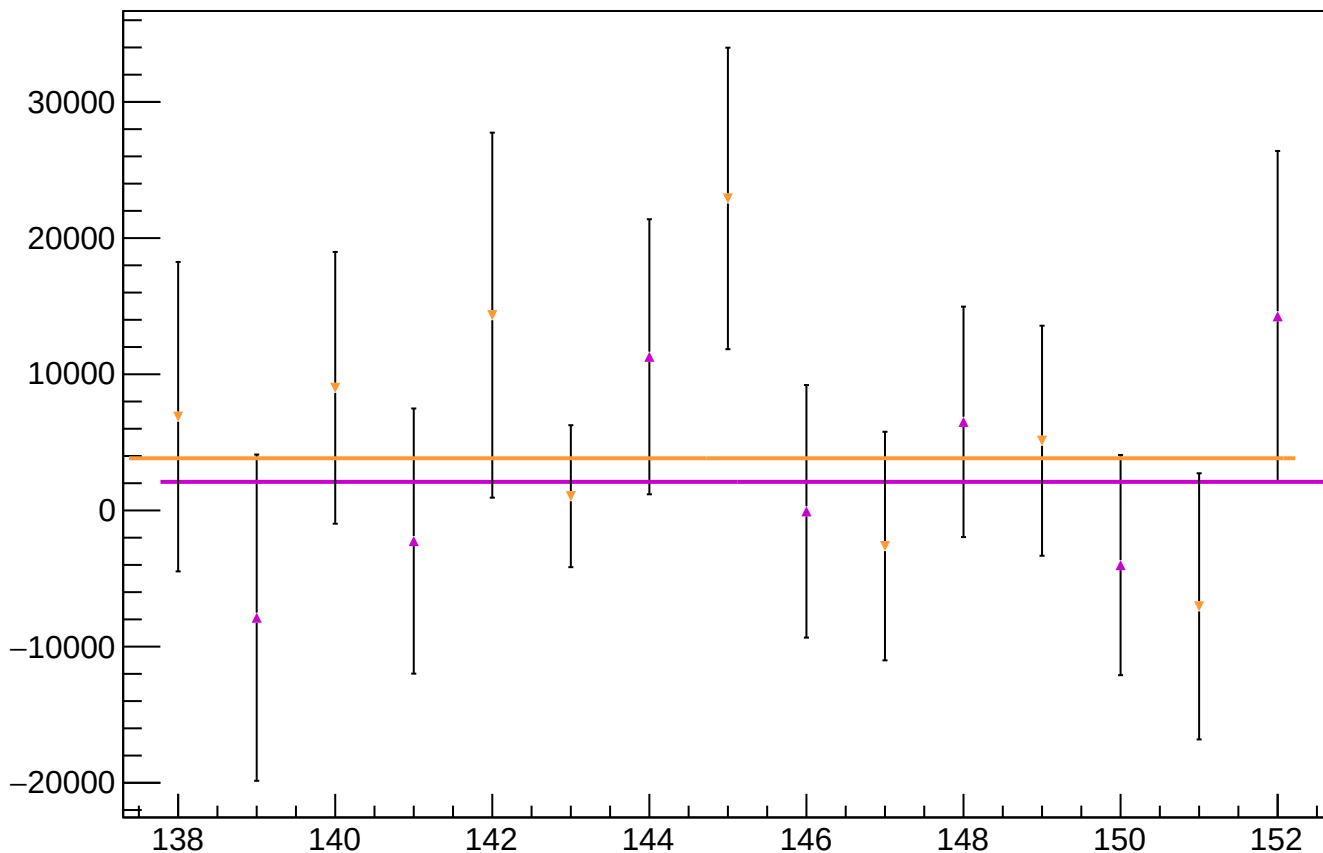
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

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

Out: 2069.450+/-0.423 χ^2/NDF :1416983.1/26

All: 2071.326+/-0.299 χ^2/NDF : 2286361.9/50

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3831.398+/-3057.088 χ^2/NDF :6.1/7

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: 3117.429+/-2344.011 χ^2/NDF : 9.8/14

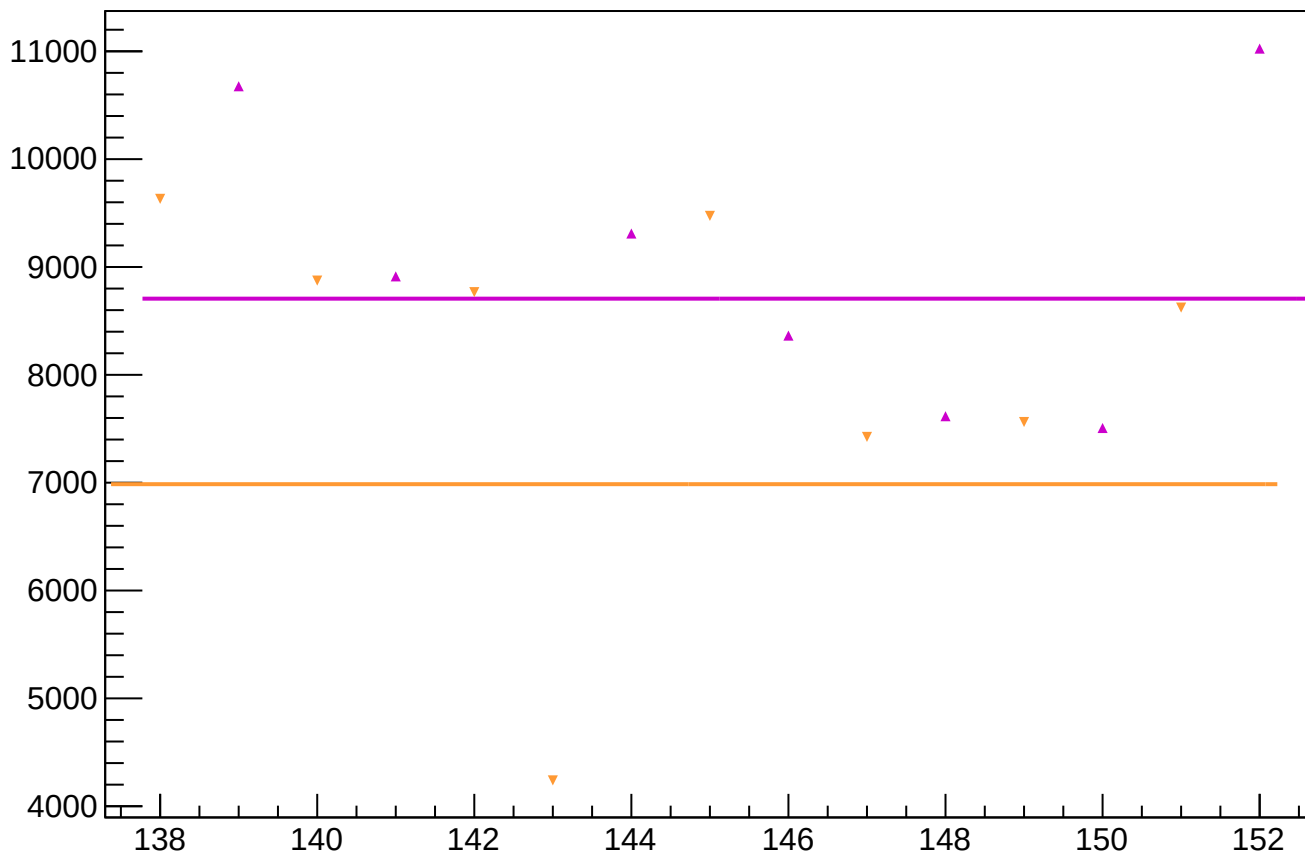
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3831.398+/-3057.088 χ^2/NDF :6.1/7

All: 3117.429+/-2344.011 χ^2/NDF : 9.8/14

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6986.156+/-2.162 χ^2/NDF :942607.0/7

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: 7695.081+/-1.657 χ^2/NDF : 1418599.0/14

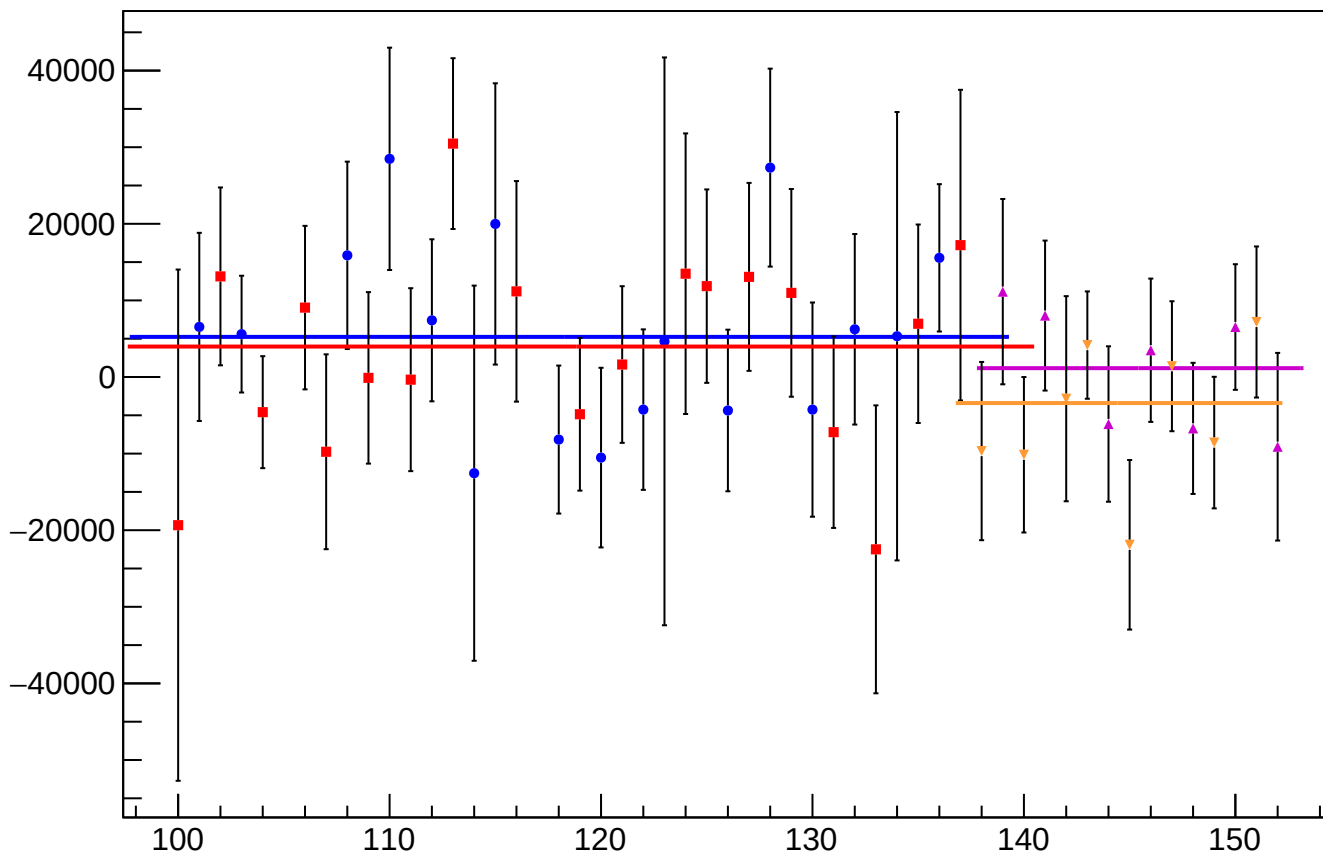
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 6986.156+/-2.162 χ^2/NDF :942607.0/7

All: 7695.081+/-1.657 χ^2/NDF : 1418599.0/14

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -3399.540 $\pm$ 3352.978 χ^2 /NDF:6.5/7

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: -1337.346 $\pm$ 2480.355 χ^2 /NDF: 11.1/14

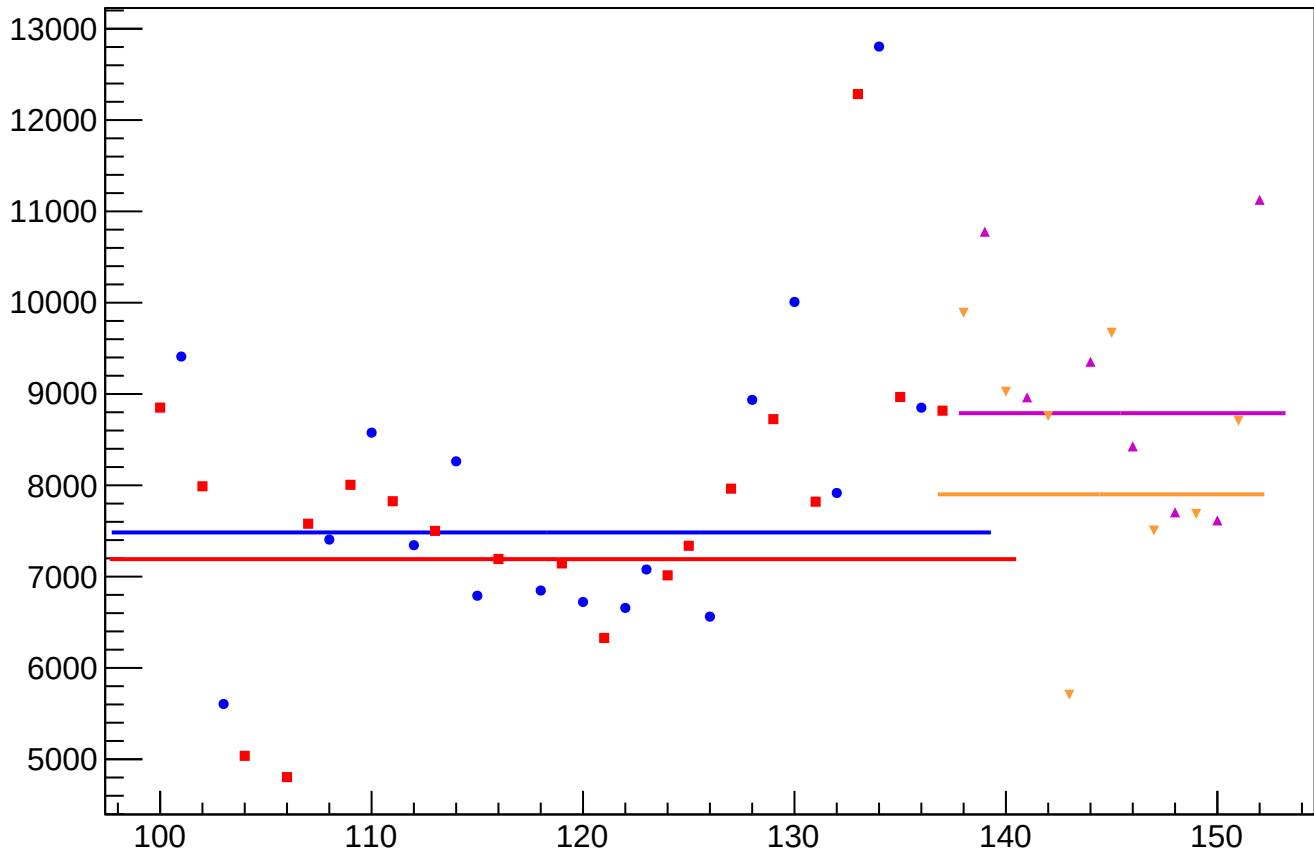
Right: 4573.057 $\pm$ 2025.948 χ^2 /NDF: 30.2/35

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

Out: 958.035 $\pm$ 2144.833 χ^2 /NDF:25.0/26

All: 2207.851 $\pm$ 1569.061 χ^2 /NDF: 44.7/50

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785 ± 2.083 $\chi^2/\text{NDF}: 431806.2/16$

Left Out: 7901.074 ± 2.371 $\chi^2/\text{NDF}: 357346.0/7$

Right Out: 7191.451 ± 1.973 $\chi^2/\text{NDF}: 558753.1/18$

Left In: 8790.120 ± 2.607 $\chi^2/\text{NDF}: 209763.6/6$

Left: 8303.611 ± 1.754 $\chi^2/\text{NDF}: 630774.2/14$

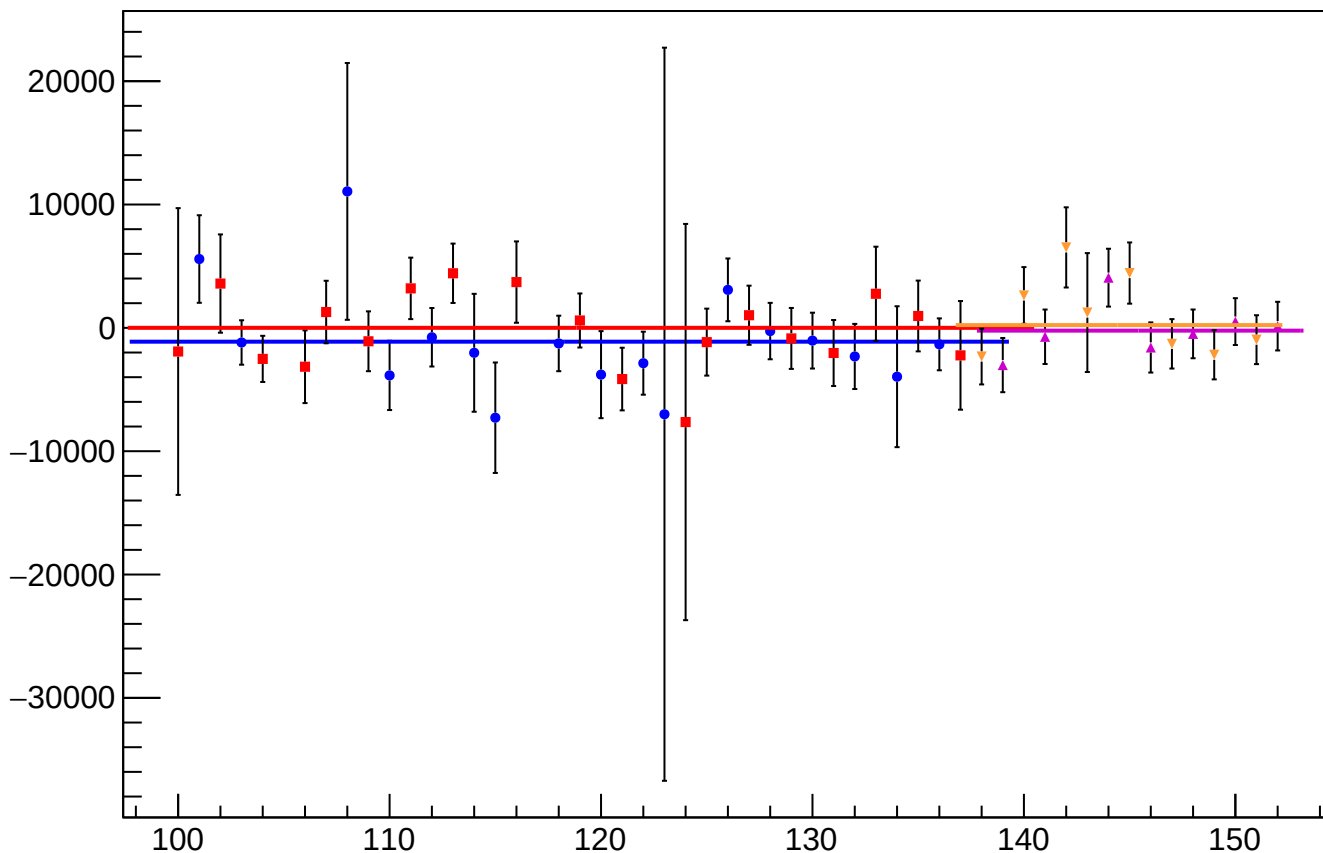
Right: 7329.673 ± 1.432 $\chi^2/\text{NDF}: 1000940.7/35$

In: 7992.977 ± 1.627 $\chi^2/\text{NDF}: 794845.8/23$

Out: 7481.778 ± 1.517 $\chi^2/\text{NDF}: 969030.9/26$

All: 7719.383 ± 1.109 $\chi^2/\text{NDF}: 1816691.2/50$

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496 ± 679.161 χ^2/NDF : 12.3/16

Left Out: 223.428 ± 833.567 χ^2/NDF : 11.4/7

Right Out: 2.515 ± 639.678 χ^2/NDF : 15.5/18

Left In: -224.847 ± 784.173 χ^2/NDF : 5.7/6

Left: -14.384 ± 571.158 χ^2/NDF : 17.3/14

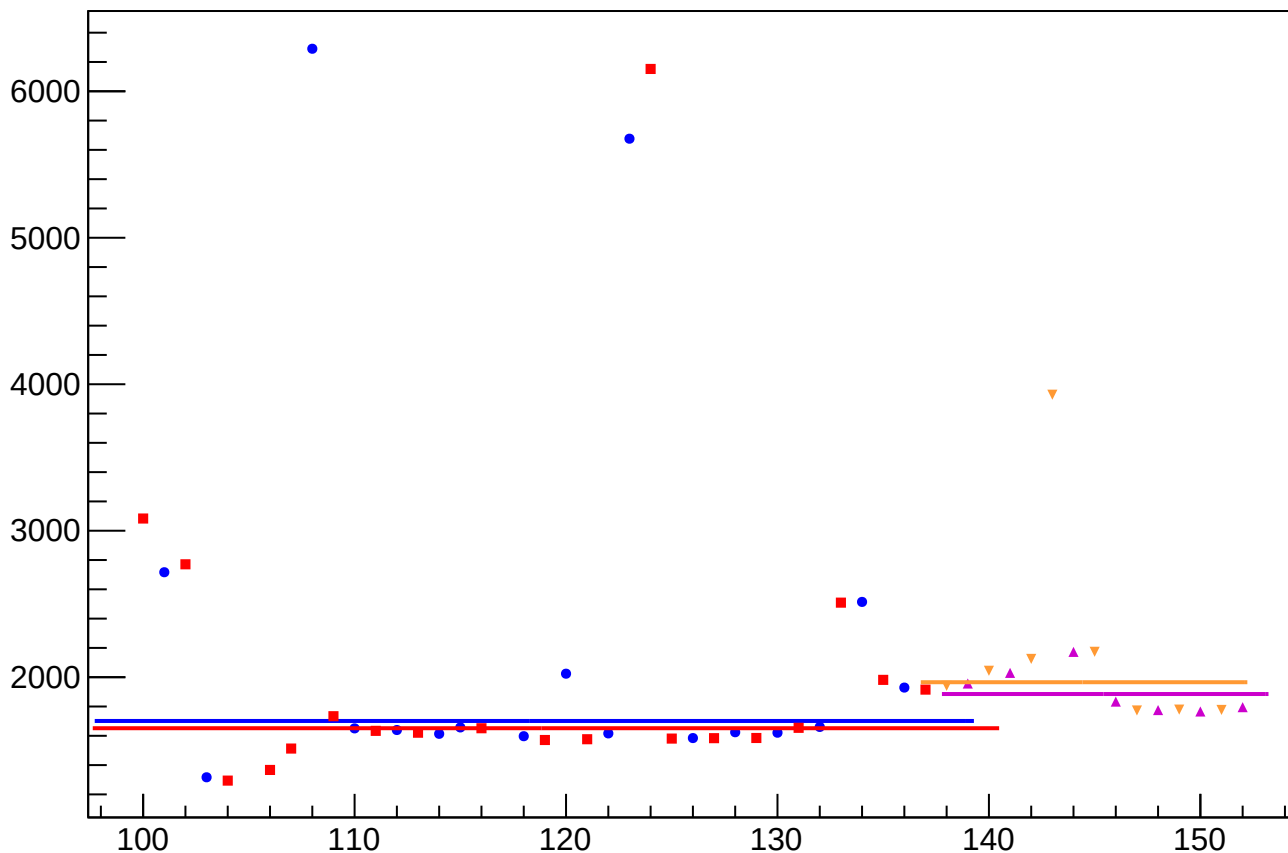
Right: -525.400 ± 465.654 χ^2/NDF : 29.2/35

In: -736.616 ± 513.382 χ^2/NDF : 18.7/23

Out: 84.393 ± 507.473 χ^2/NDF : 26.9/26

All: -321.359 ± 360.909 χ^2/NDF : 46.9/50

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283 ± 0.480 $\chi^2/\text{NDF}: 778718.7/16$

Left Out: 1965.759 ± 0.589 $\chi^2/\text{NDF}: 407212.4/7$

Right Out: 1651.734 ± 0.452 $\chi^2/\text{NDF}: 588842.2/18$

Left In: 1885.235 ± 0.554 $\chi^2/\text{NDF}: 60249.7/6$

Left: 1923.041 ± 0.404 $\chi^2/\text{NDF}: 477363.4/14$

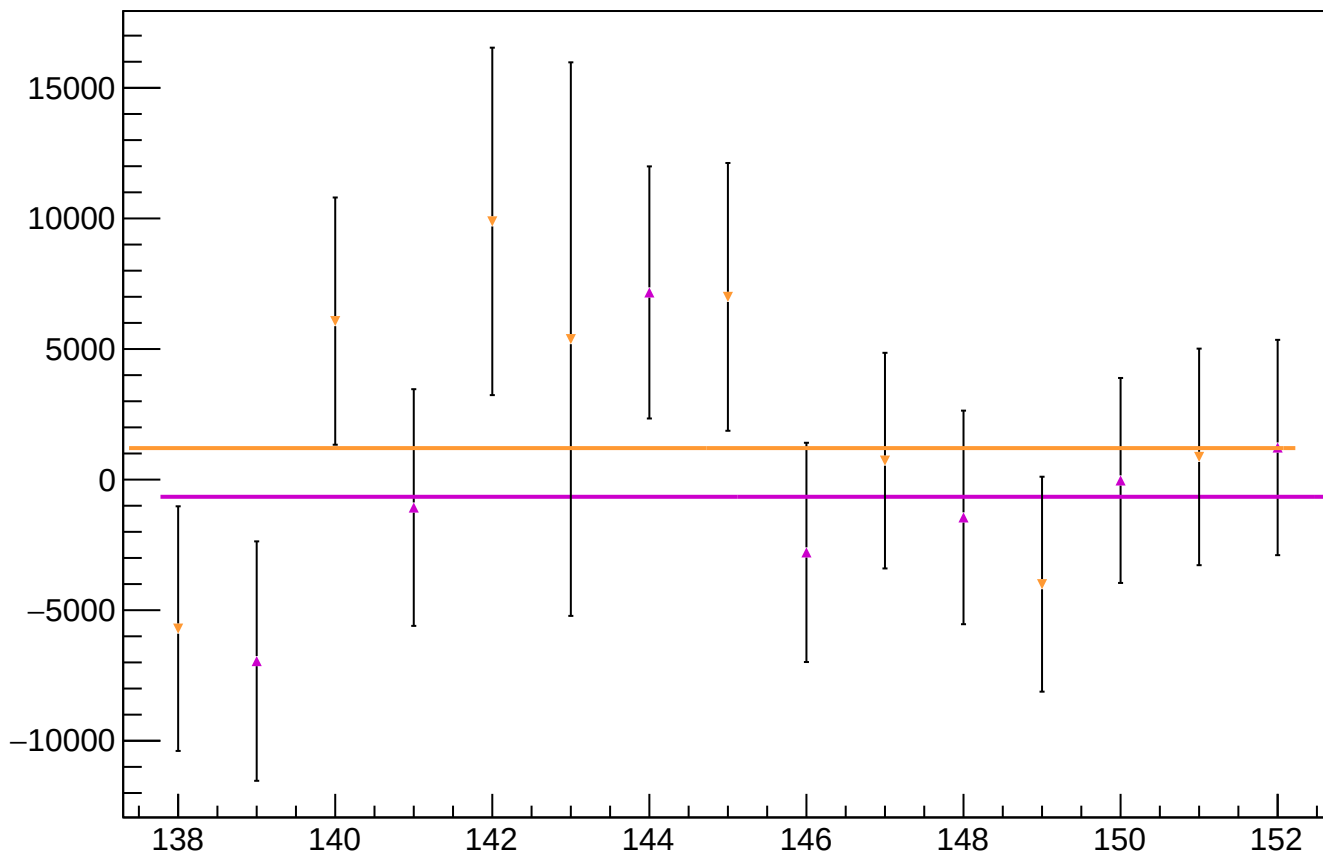
Right: 1675.026 ± 0.329 $\chi^2/\text{NDF}: 1373201.9/35$

In: 1780.126 ± 0.363 $\chi^2/\text{NDF}: 901854.5/23$

Out: 1768.122 ± 0.359 $\chi^2/\text{NDF}: 1174696.0/26$

All: 1774.054 ± 0.255 $\chi^2/\text{NDF}: 2077103.5/50$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1206.561+/-1725.969 χ^2/NDF : 8.0/7

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: 217.230+/-1182.419 χ^2/NDF : 13.7/14

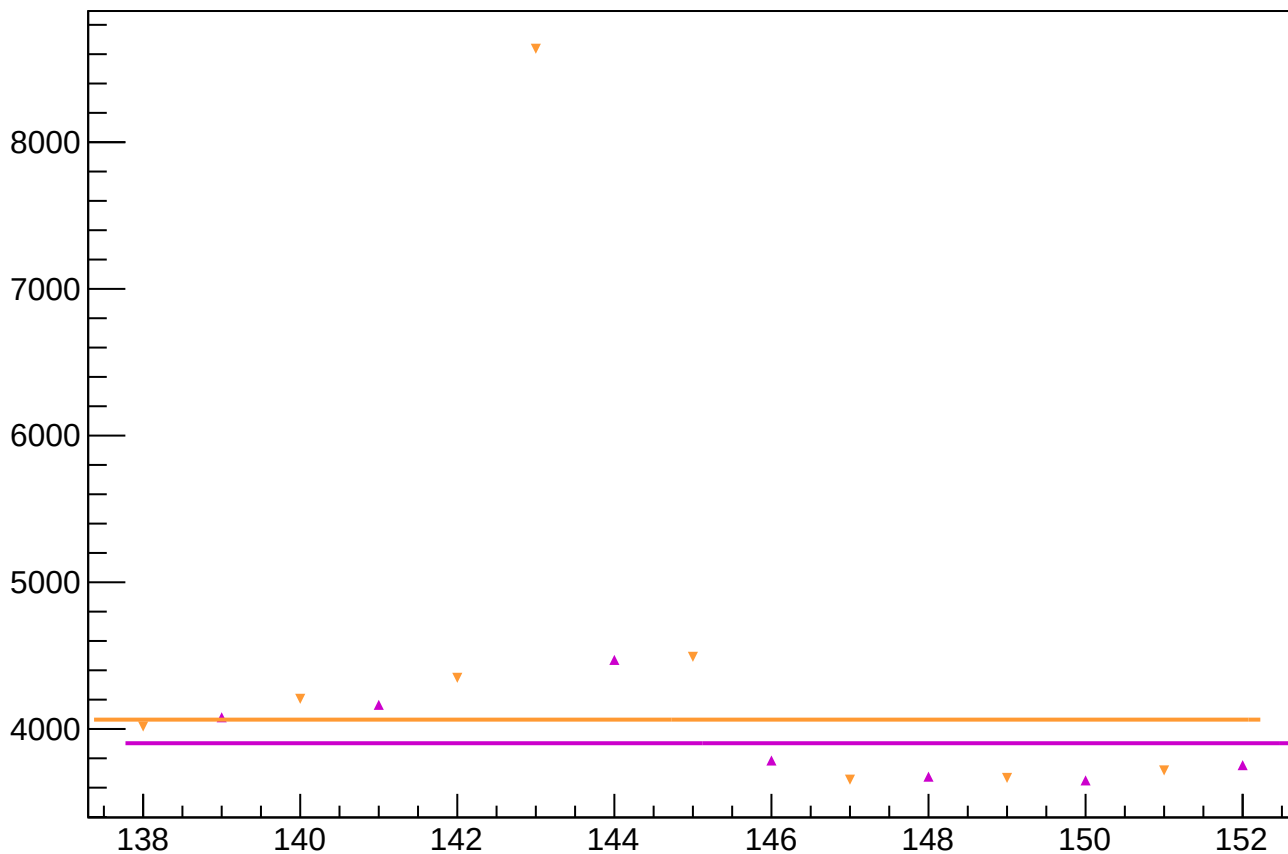
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1206.561+/-1725.969 χ^2/NDF : 8.0/7

All: 217.230+/-1182.419 χ^2/NDF : 13.7/14

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4063.723+/-1.220 χ^2/NDF :444281.7/7

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: 3978.384+/-0.836 χ^2/NDF : 509600.9/14

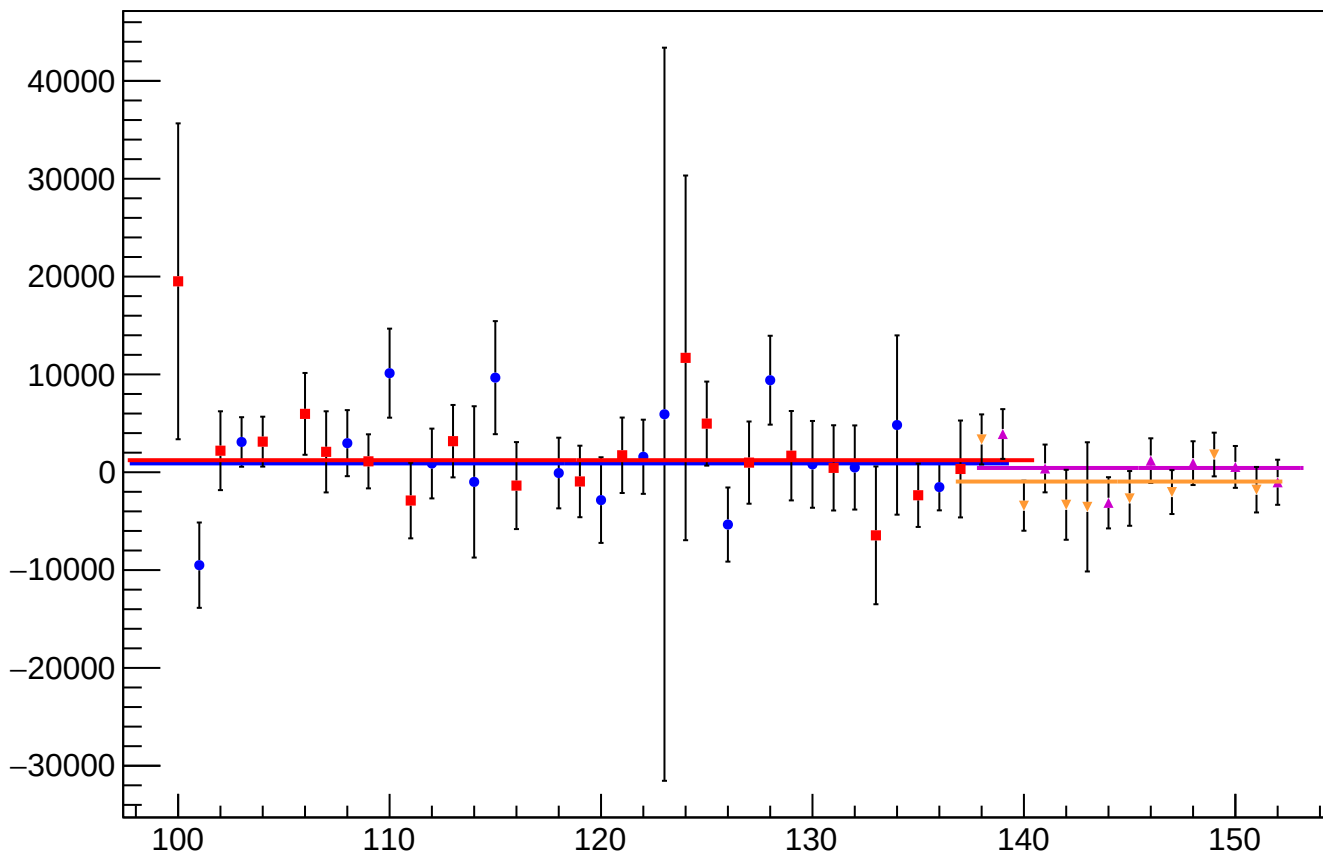
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 4063.723+/-1.220 χ^2/NDF :444281.7/7

All: 3978.384+/-0.836 χ^2/NDF : 509600.9/14

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274+/-961.918 χ^2/NDF : 21.6/16

Left Out: -950.838+/-945.601 χ^2/NDF : 6.6/7

Right Out: 1231.015+/-925.029 χ^2/NDF : 8.9/18

Left In: 436.622+/-888.564 χ^2/NDF : 4.3/6

Left: -214.004+/-647.535 χ^2/NDF : 12.0/14

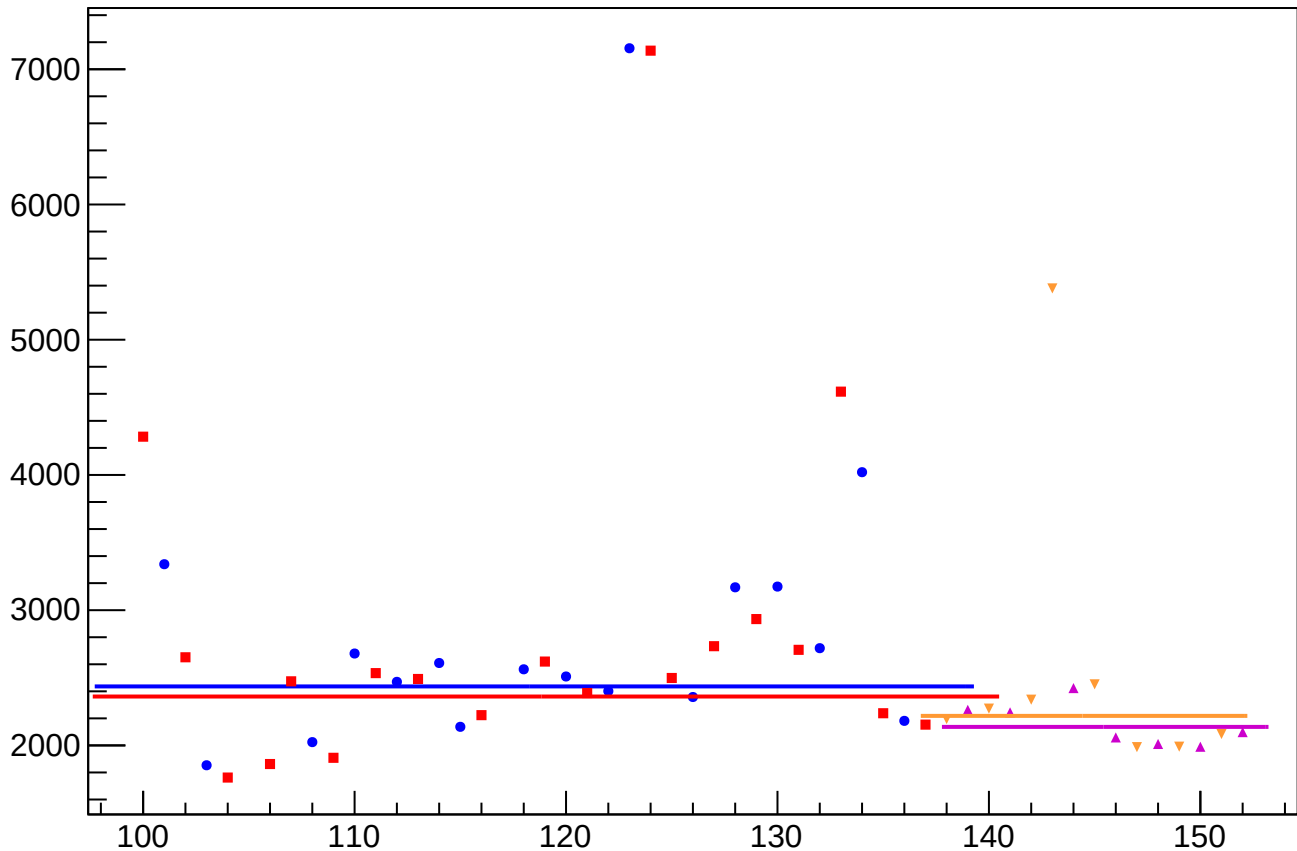
Right: 1073.549+/-666.754 χ^2/NDF : 30.6/35

In: 651.479+/-652.704 χ^2/NDF : 26.0/23

Out: 164.079+/-661.248 χ^2/NDF : 18.3/26

All: 410.948+/-464.522 χ^2/NDF : 44.5/50

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256 ± 0.680 $\chi^2/\text{NDF}: 468552.3/16$

Left Out: 2218.408 ± 0.669 $\chi^2/\text{NDF}: 524122.0/7$

Right Out: 2361.558 ± 0.654 $\chi^2/\text{NDF}: 655845.9/18$

Left In: 2136.951 ± 0.628 $\chi^2/\text{NDF}: 51513.0/6$

Left: 2175.149 ± 0.458 $\chi^2/\text{NDF}: 583516.8/14$

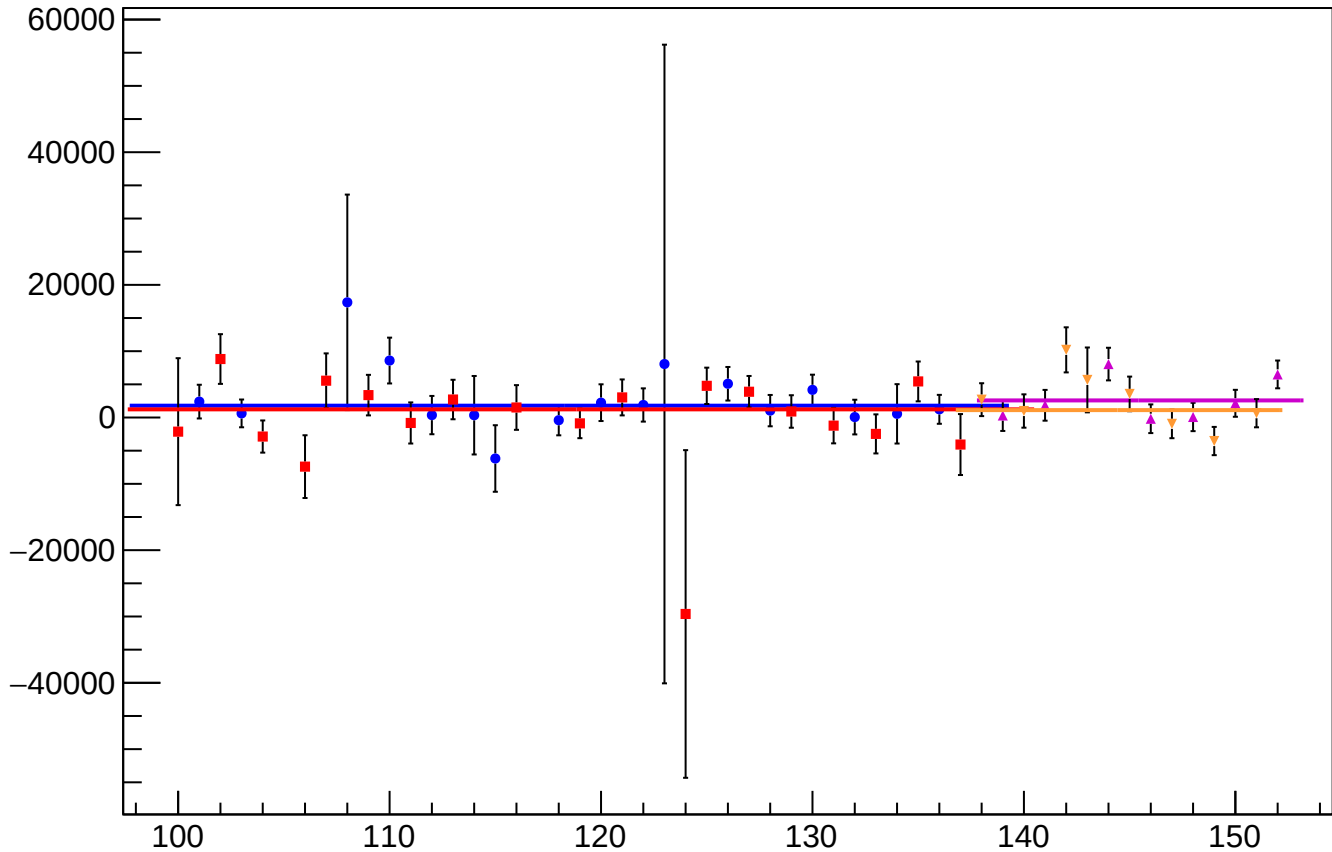
Right: 2397.448 ± 0.471 $\chi^2/\text{NDF}: 1130664.2/35$

In: 2274.758 ± 0.462 $\chi^2/\text{NDF}: 624546.8/23$

Out: 2291.558 ± 0.468 $\chi^2/\text{NDF}: 1203389.6/26$

All: 2283.048 ± 0.328 $\chi^2/\text{NDF}: 1828590.3/50$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1115.320 $\pm$ 894.015 χ^2/NDF : 15.0/7

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: 1898.265 $\pm$ 609.694 χ^2/NDF : 29.0/14

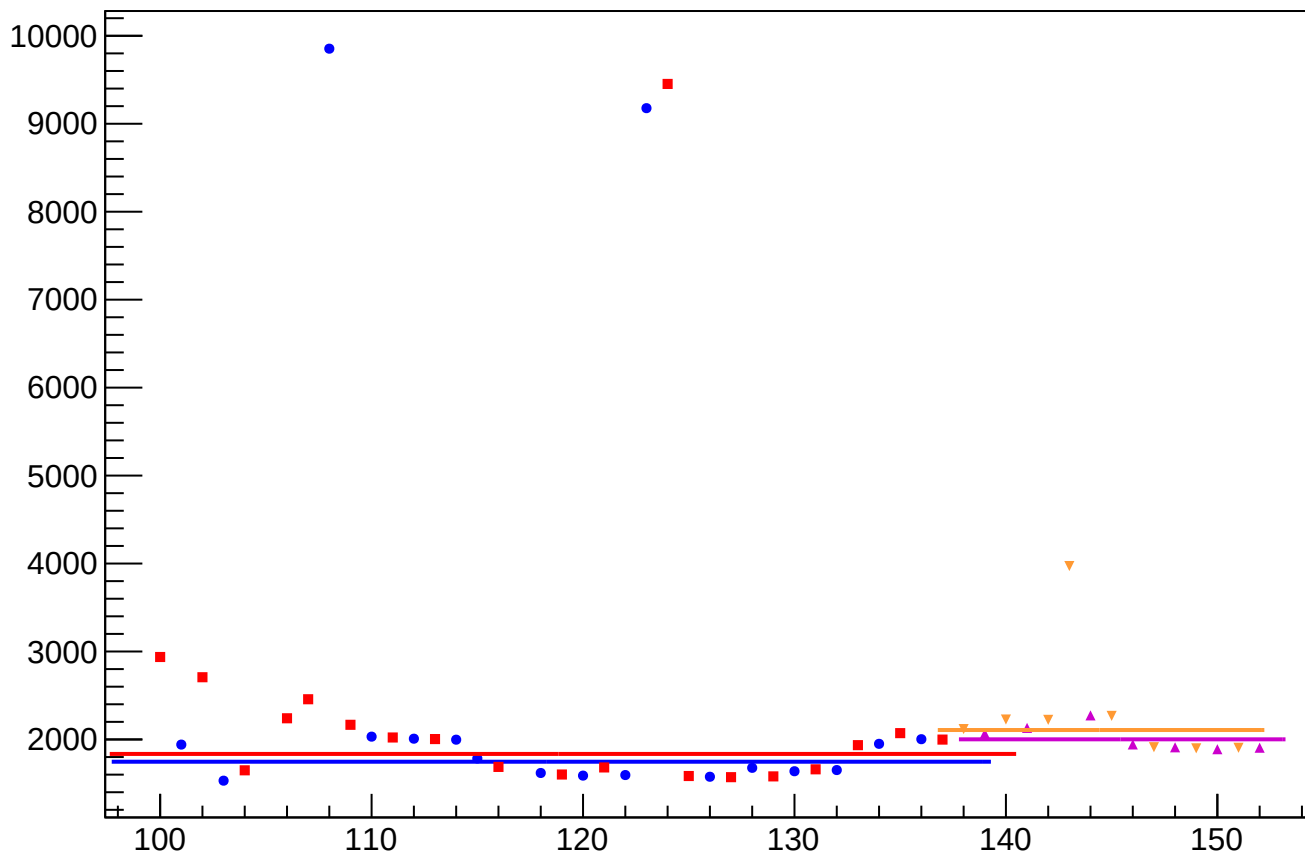
Right: 1511.828 $\pm$ 495.804 χ^2/NDF : 37.0/35

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

Out: 1185.353 $\pm$ 555.102 χ^2/NDF : 39.3/26

All: 1665.653 $\pm$ 384.668 χ^2/NDF : 66.2/50

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2107.264+/-0.632 χ^2/NDF : 358720.7/7

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: 2050.643+/-0.431 χ^2/NDF : 421346.0/14

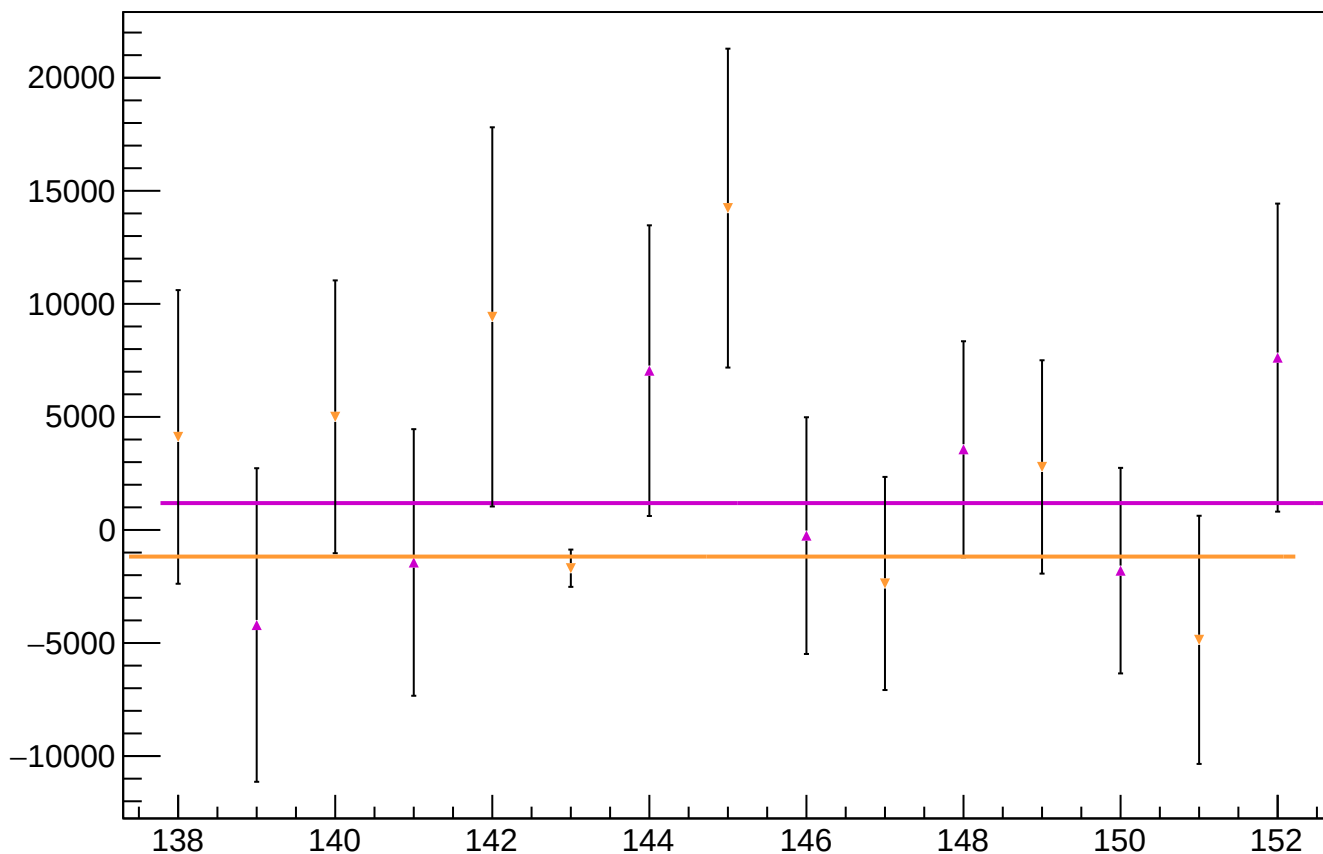
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

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

Out: 1940.065+/-0.392 χ^2/NDF : 1022861.4/26

All: 1893.865+/-0.272 χ^2/NDF : 1889798.8/50

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1177.279+/-771.440 χ^2/NDF :9.7/7

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: -899.018+/-724.649 χ^2/NDF : 14.1/14

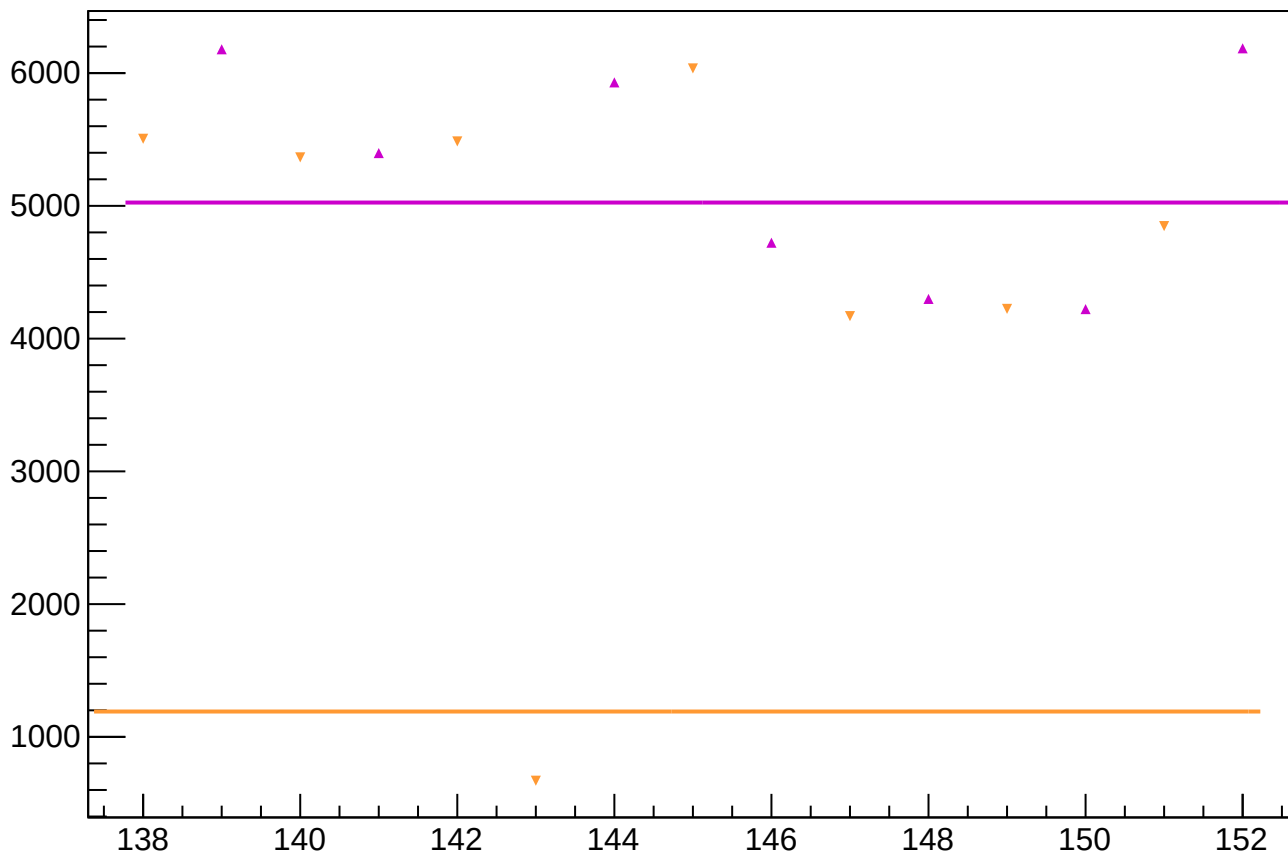
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -1177.279+/-771.440 χ^2/NDF :9.7/7

All: -899.018+/-724.649 χ^2/NDF : 14.1/14

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1191.002+/-0.545 χ^2/NDF : 6620984.0/7

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: 1641.985+/-0.512 χ^2/NDF : 12708203.2/14

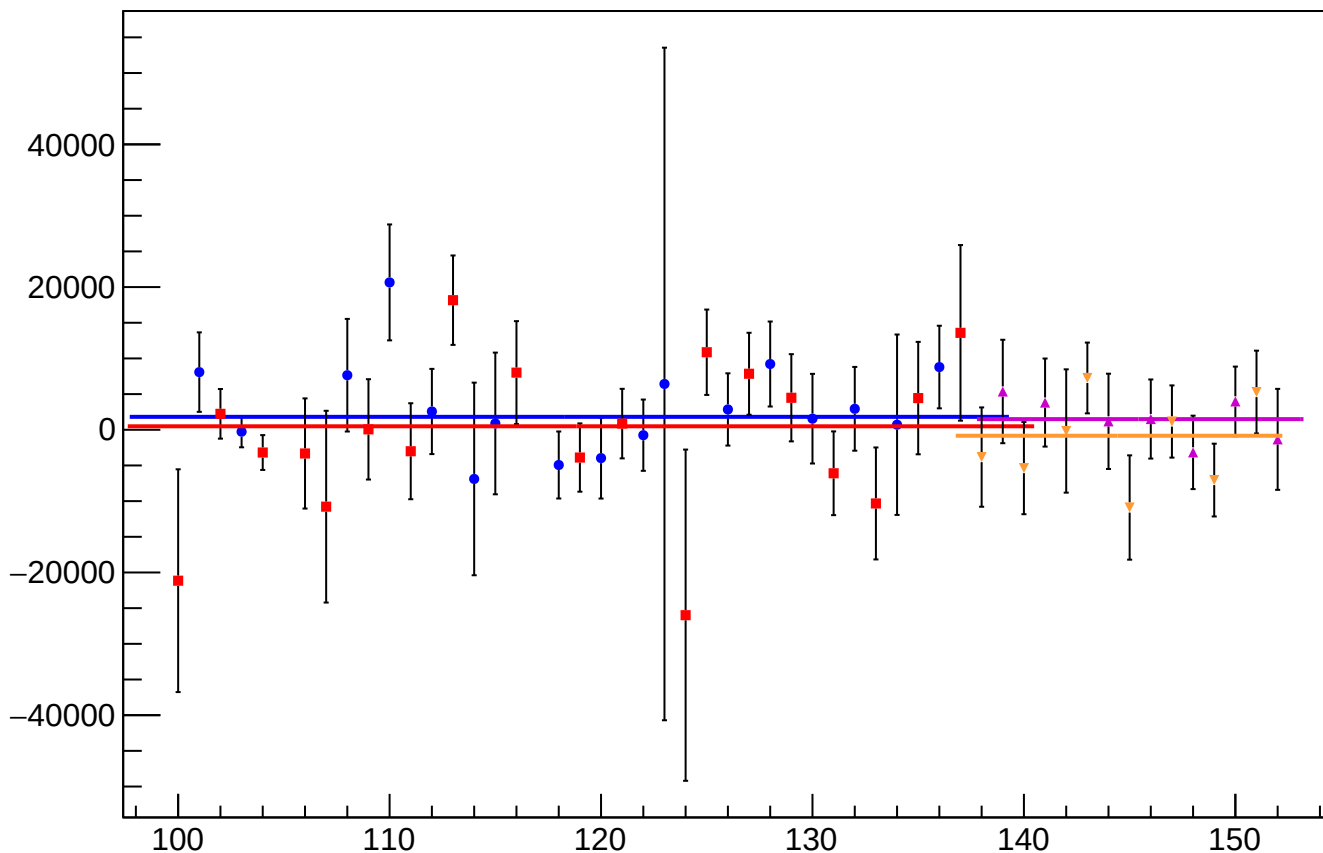
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1191.002+/-0.545 χ^2/NDF : 6620984.0/7

All: 1641.985+/-0.512 χ^2/NDF : 12708203.2/14

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -834.688+/-2110.173 χ^2/NDF : 8.0/7

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: 261.938+/-1534.655 χ^2/NDF : 10.2/14

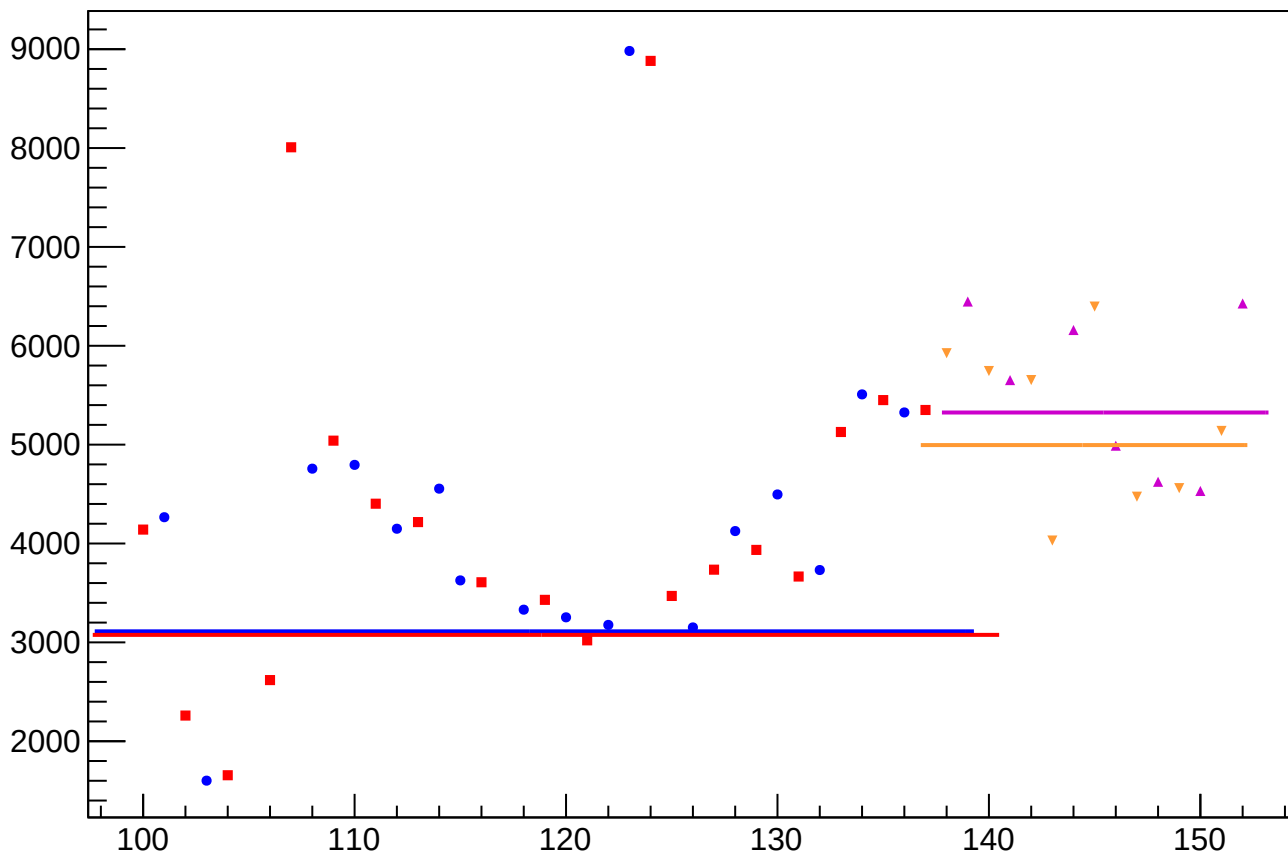
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

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

Out: 130.022+/-1098.187 χ^2/NDF : 34.8/26

All: 912.408+/-785.741 χ^2/NDF : 52.5/50

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560 $\pm$ 0.920 χ^2/NDF : 1878991.5/16

Left Out: 4995.640 $\pm$ 1.492 χ^2/NDF : 260427.6/7

Right Out: 3075.800 $\pm$ 0.896 χ^2/NDF : 2009557.4/18

Left In: 5325.010 $\pm$ 1.581 χ^2/NDF : 230786.0/6

Left: 5150.801 $\pm$ 1.085 χ^2/NDF : 514167.9/14

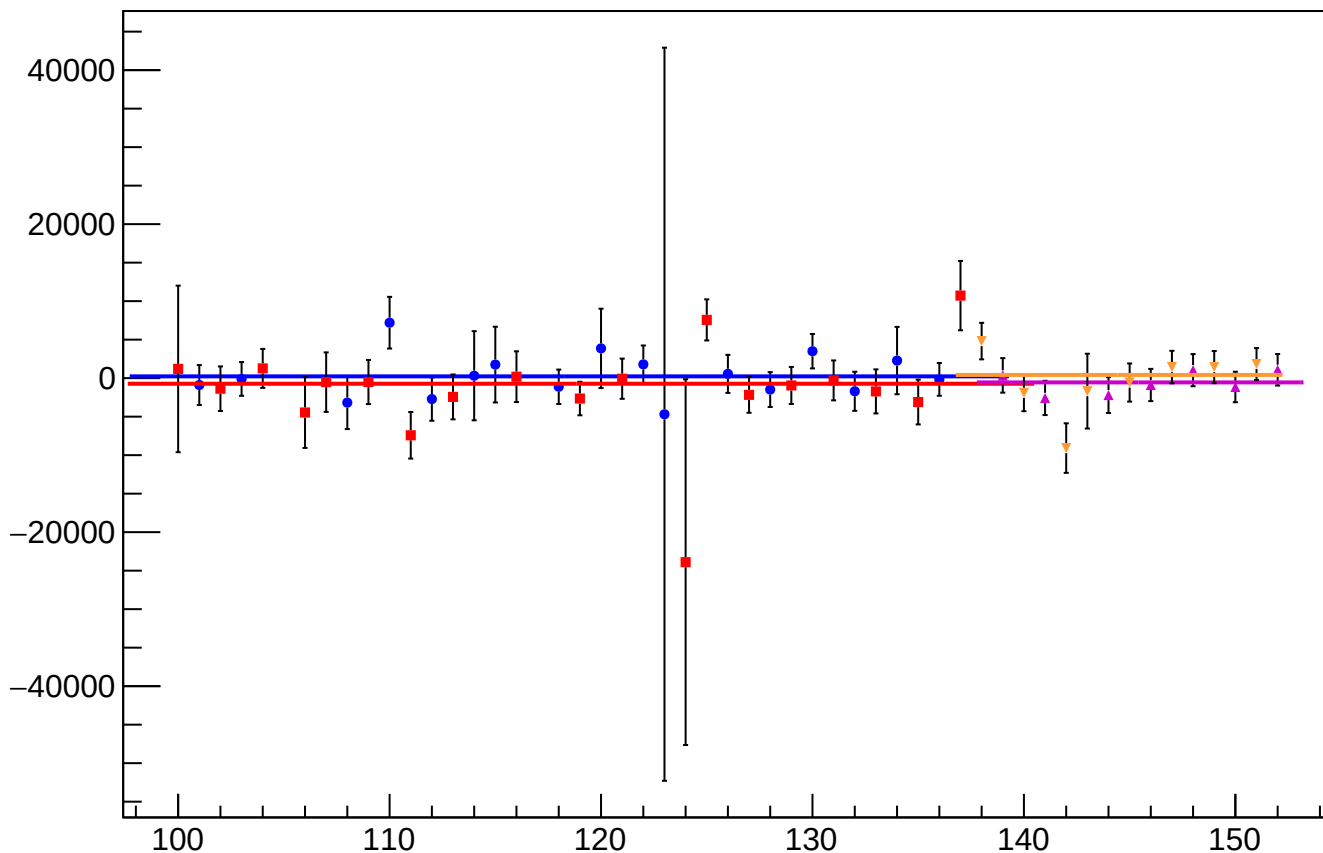
Right: 3093.209 $\pm$ 0.642 χ^2/NDF : 3889323.9/35

In: 3671.598 $\pm$ 0.795 χ^2/NDF : 3573838.7/23

Out: 3584.793 $\pm$ 0.768 χ^2/NDF : 3486559.9/26

All: 3626.698 $\pm$ 0.553 χ^2/NDF : 7066561.0/50

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323 ± 686.786 $\chi^2/\text{NDF}: 11.5/16$

Left Out: 416.201 ± 862.662 $\chi^2/\text{NDF}: 14.4/7$

Right Out: -726.169 ± 684.175 $\chi^2/\text{NDF}: 25.8/18$

Left In: -552.358 ± 806.402 $\chi^2/\text{NDF}: 2.8/6$

Left: -100.690 ± 589.098 $\chi^2/\text{NDF}: 17.9/14$

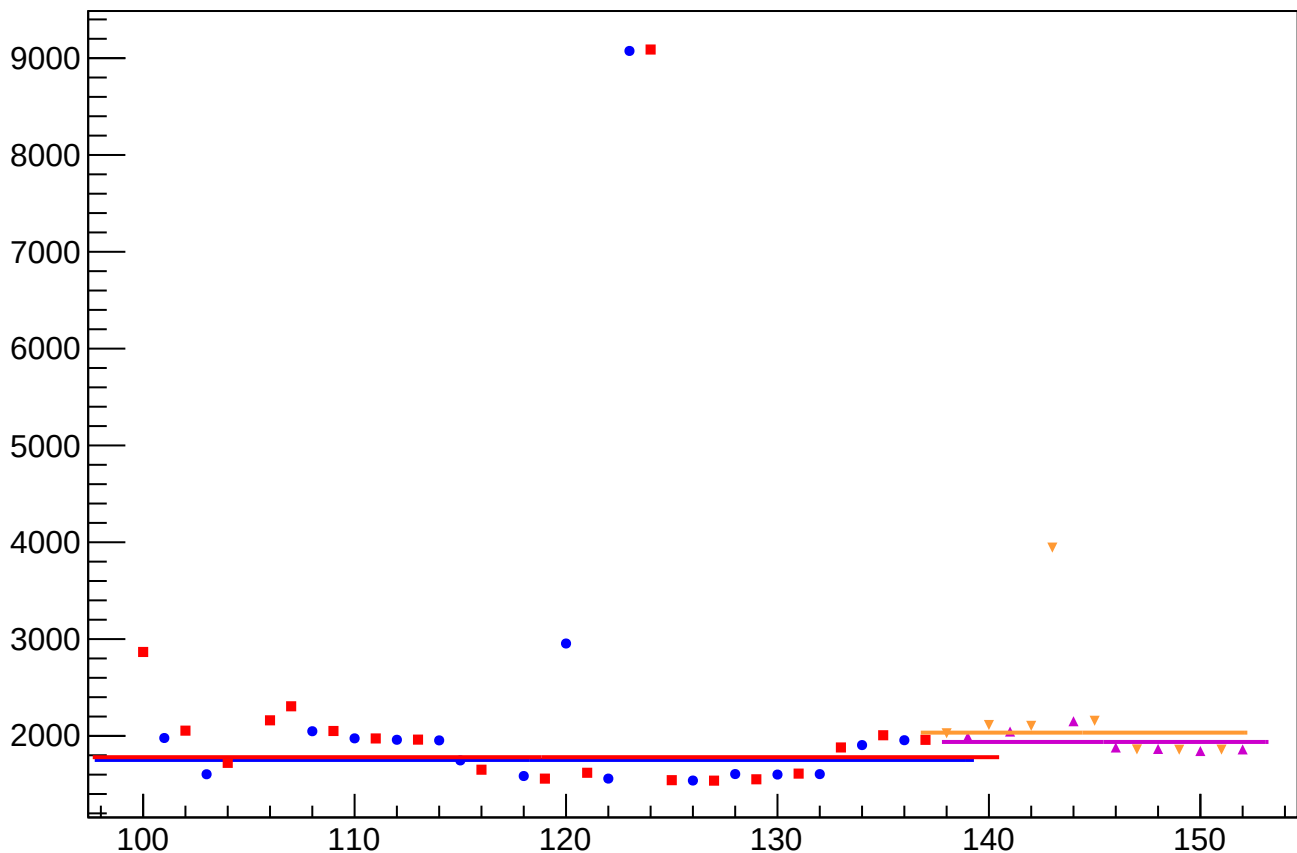
Right: -248.748 ± 484.705 $\chi^2/\text{NDF}: 38.3/35$

In: -97.559 ± 522.859 $\chi^2/\text{NDF}: 14.9/23$

Out: -285.068 ± 536.051 $\chi^2/\text{NDF}: 41.3/26$

All: -188.978 ± 374.294 $\chi^2/\text{NDF}: 56.2/50$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2033.885+/-0.610 χ^2/NDF : 359827.8/7

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: 1982.483+/-0.417 χ^2/NDF : 406969.1/14

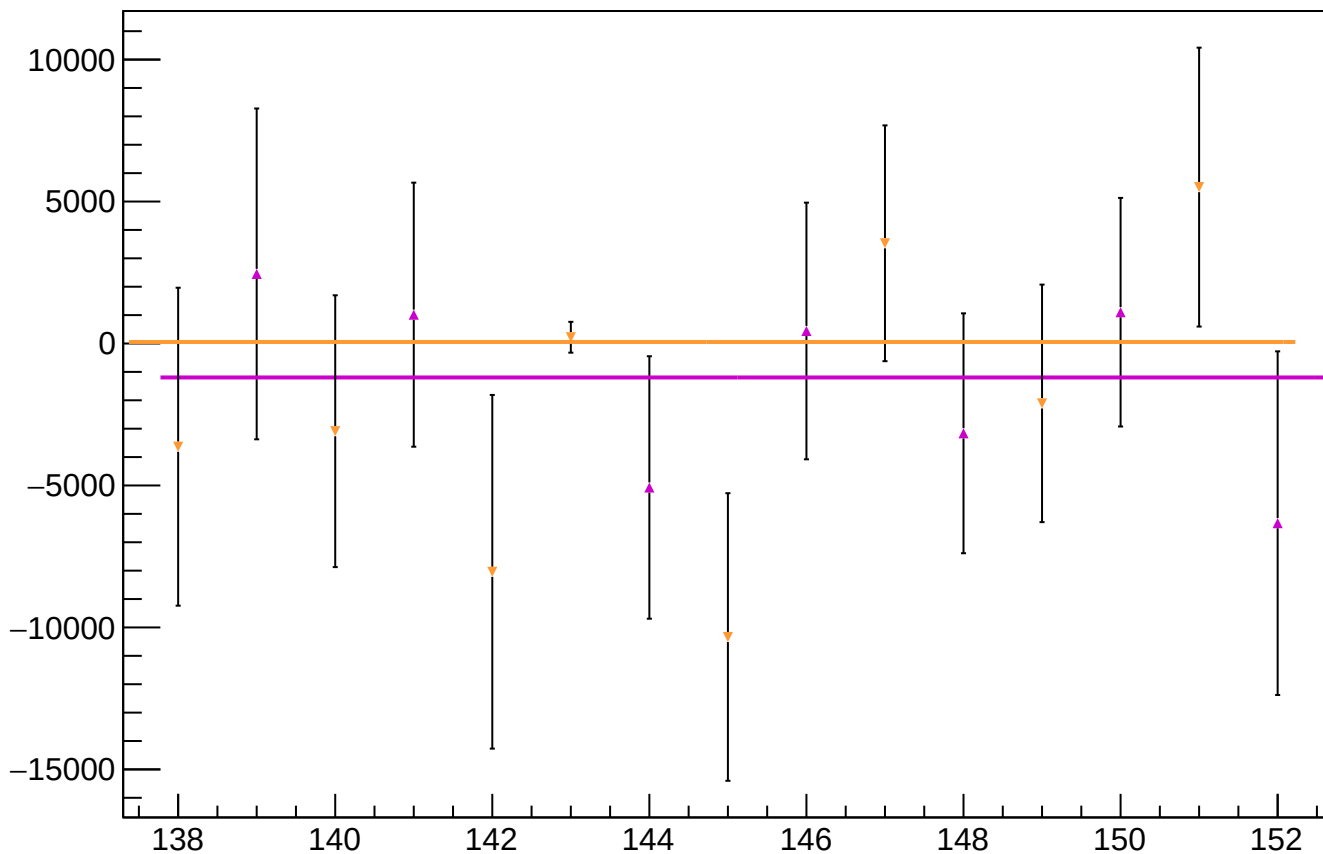
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

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

Out: 1877.969+/-0.379 χ^2/NDF : 894451.2/26

All: 1853.373+/-0.265 χ^2/NDF : 1298909.2/50

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 53.945+/-520.619 χ^2/NDF : 9.1/7

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

Left In: -1195.893+/-1777.475 χ^2/NDF : 2.7/6

Left: -44.806+/-499.628 χ^2/NDF : 12.2/14

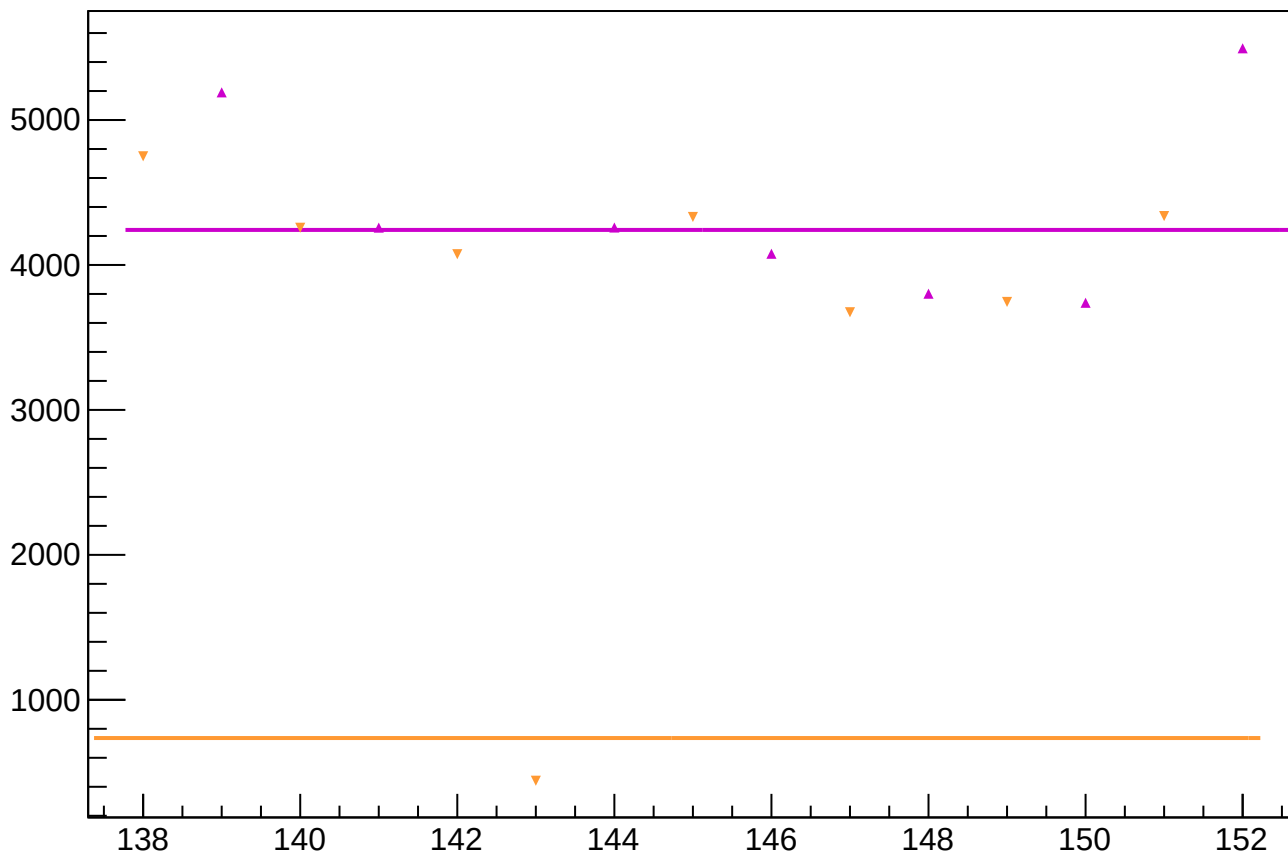
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1195.893+/-1777.475 χ^2/NDF : 2.7/6

Out: 53.945+/-520.619 χ^2/NDF : 9.1/7

All: -44.806+/-499.628 χ^2/NDF : 12.2/14

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 736.320+/-0.368 χ^2/NDF : 7391248.0/7

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: 1013.287+/-0.353 χ^2/NDF : 14749703.5/14

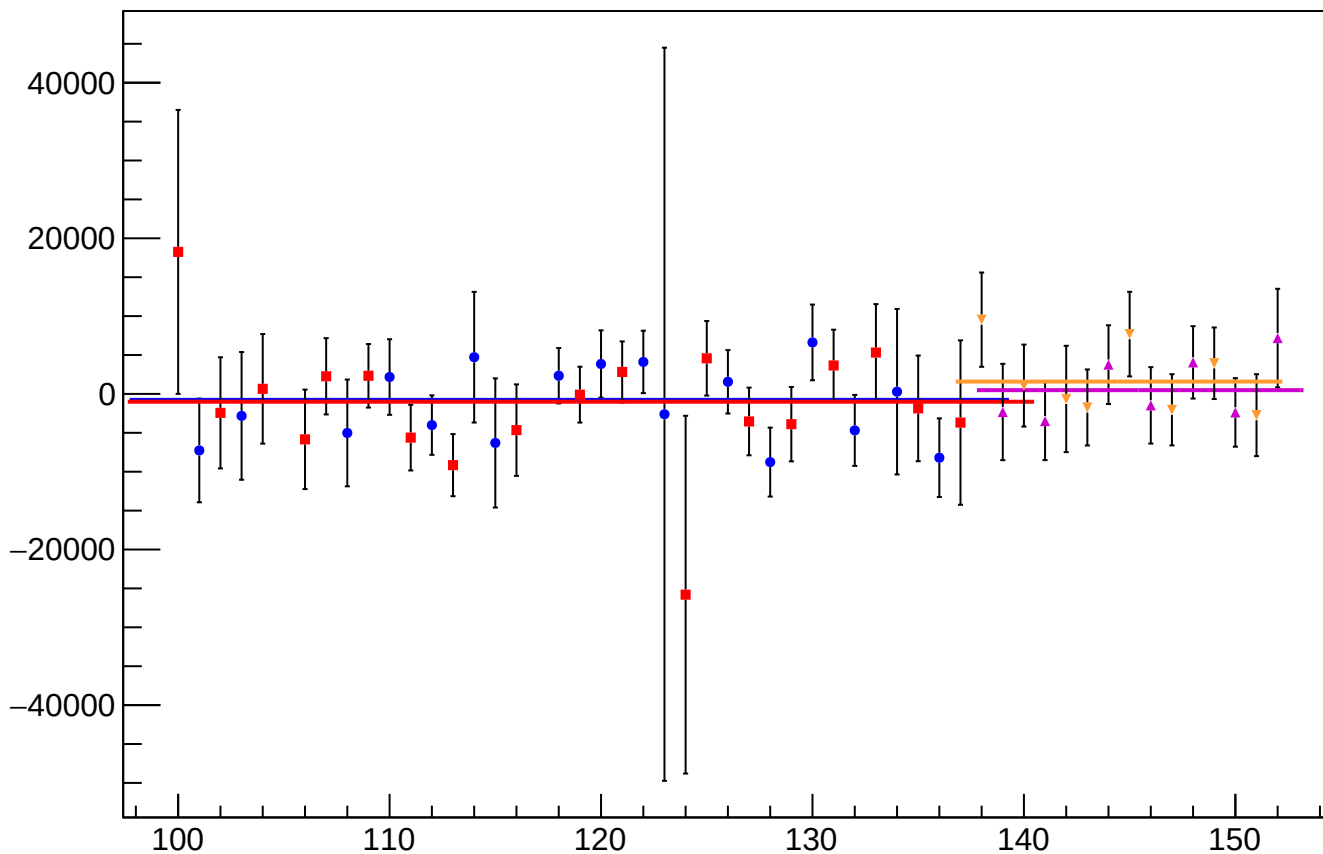
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 736.320+/-0.368 χ^2/NDF : 7391248.0/7

All: 1013.287+/-0.353 χ^2/NDF : 14749703.5/14

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107 $\pm$ 1247.704 χ^2 /NDF: 15.5/16

Left Out: 1584.953 $\pm$ 1852.076 χ^2 /NDF:5.1/7

Right Out: -1004.792 $\pm$ 1191.116 χ^2 /NDF: 15.0/18

Left In: 481.330 $\pm$ 1928.279 χ^2 /NDF:3.5/6

Left: 1055.379 $\pm$ 1335.743 χ^2 /NDF: 8.8/14

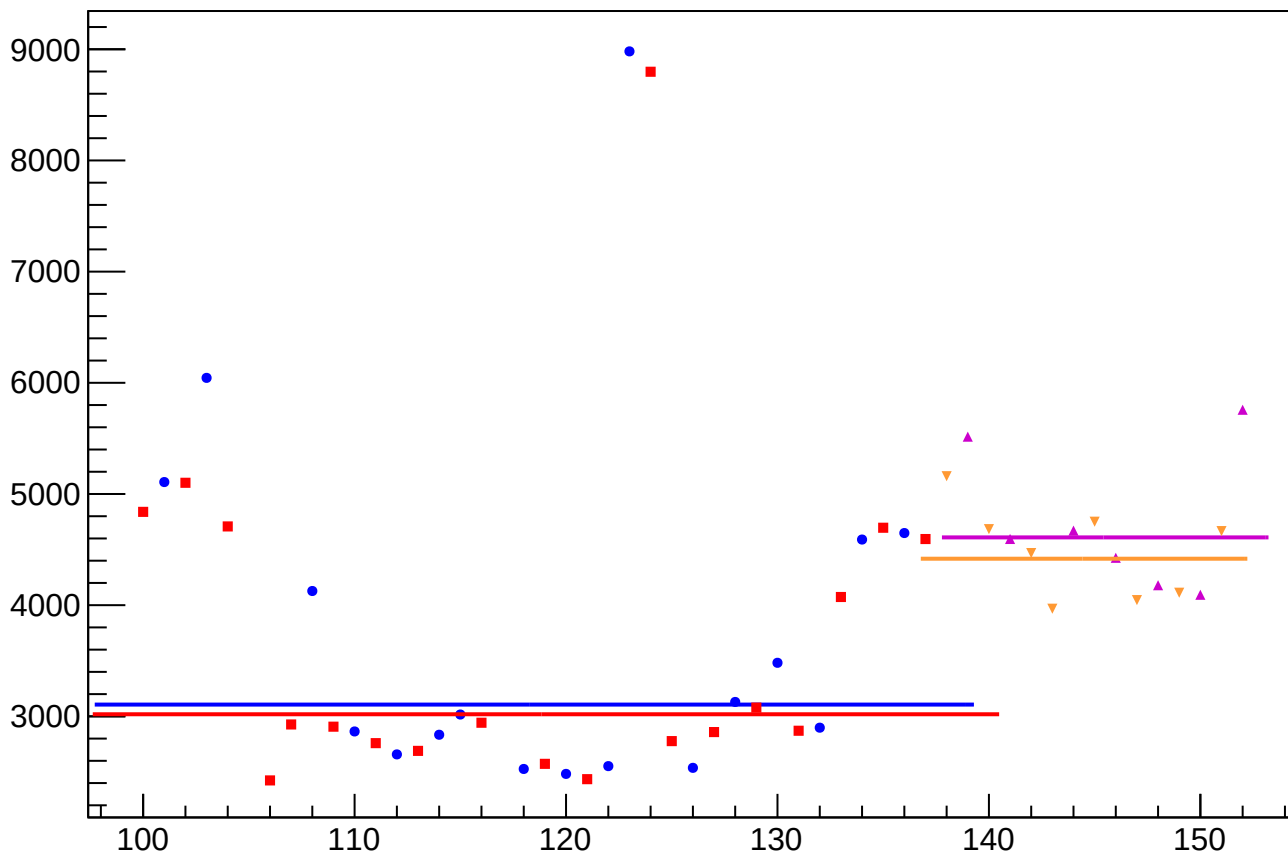
Right: -890.508 $\pm$ 861.557 χ^2 /NDF: 30.6/35

In: -397.259 $\pm$ 1047.536 χ^2 /NDF:19.4/23

Out: -247.055 $\pm$ 1001.819 χ^2 /NDF:21.5/26

All: -318.808 $\pm$ 724.016 χ^2 /NDF: 40.9/50

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849+/-0.882 χ^2/NDF : 959826.4/16

Left Out: 4417.854+/-1.310 χ^2/NDF : 86179.0/7

Right Out: 3018.781+/-0.832 χ^2/NDF : 794275.0/18

Left In: 4609.563+/-1.363 χ^2/NDF : 156085.5/6

Left: 4509.846+/-0.945 χ^2/NDF : 252547.1/14

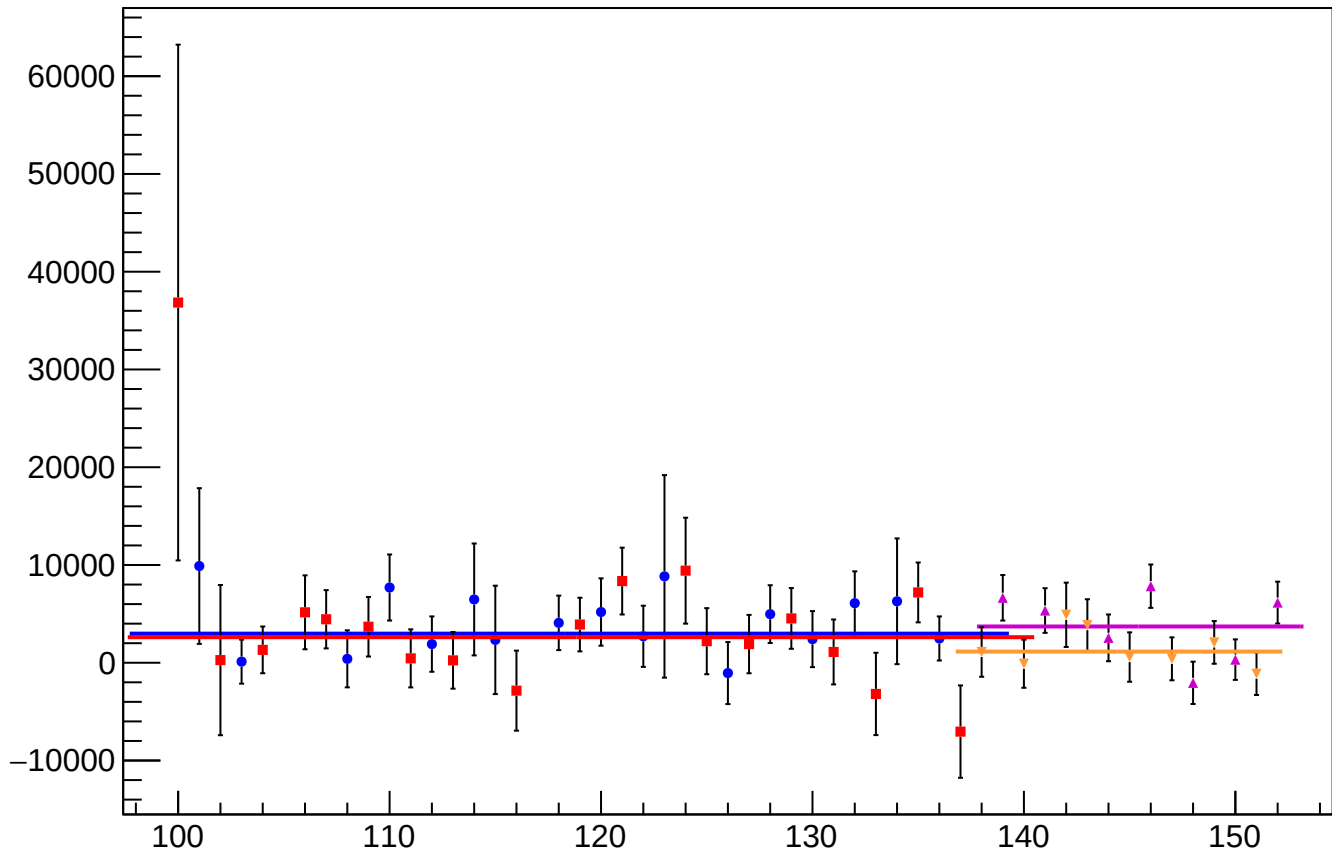
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

In: 3549.622+/-0.741 χ^2/NDF : 1973220.0/23

Out: 3420.917+/-0.702 χ^2/NDF : 1693697.8/26

All: 3481.829+/-0.510 χ^2/NDF : 3682820.8/50

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 1143.635 $\pm$ 863.593 χ^2 /NDF: 4.0/7

Right Out: 2613.881 $\pm$ 783.228 χ^2 /NDF: 19.6/18

Left In: 3709.908 $\pm$ 839.615 χ^2 /NDF: 16.9/6

Left: 2462.893 $\pm$ 601.996 χ^2 /NDF: 25.4/14

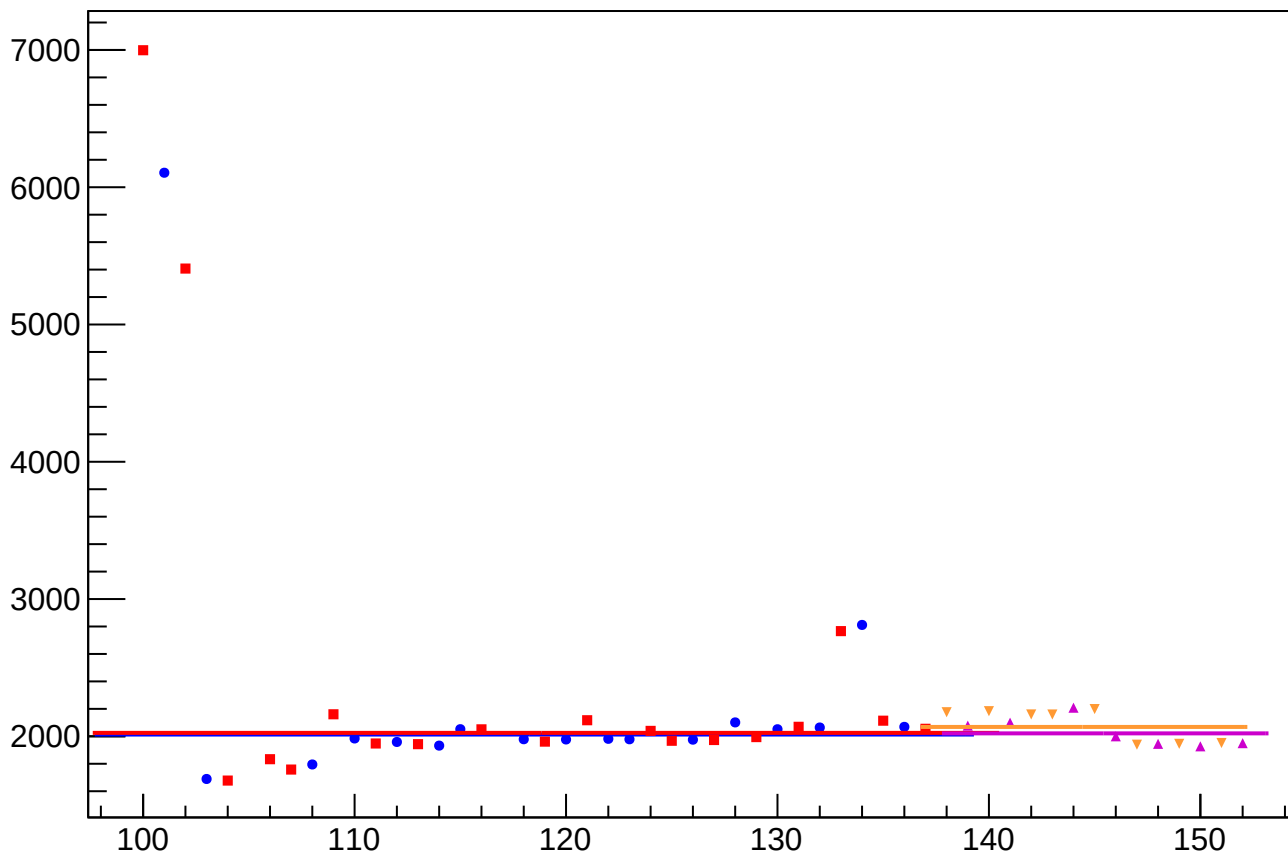
Right: 2793.353 $\pm$ 558.079 χ^2 /NDF: 29.6/35

In: 3324.410 $\pm$ 577.430 χ^2 /NDF: 27.1/23

Out: 1950.336 $\pm$ 580.162 χ^2 /NDF: 25.2/26

All: 2640.615 $\pm$ 409.267 χ^2 /NDF: 55.2/50

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2068.310+/-0.611 χ^2/NDF :36175.6/7

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: 2044.209+/-0.426 χ^2/NDF : 63974.8/14

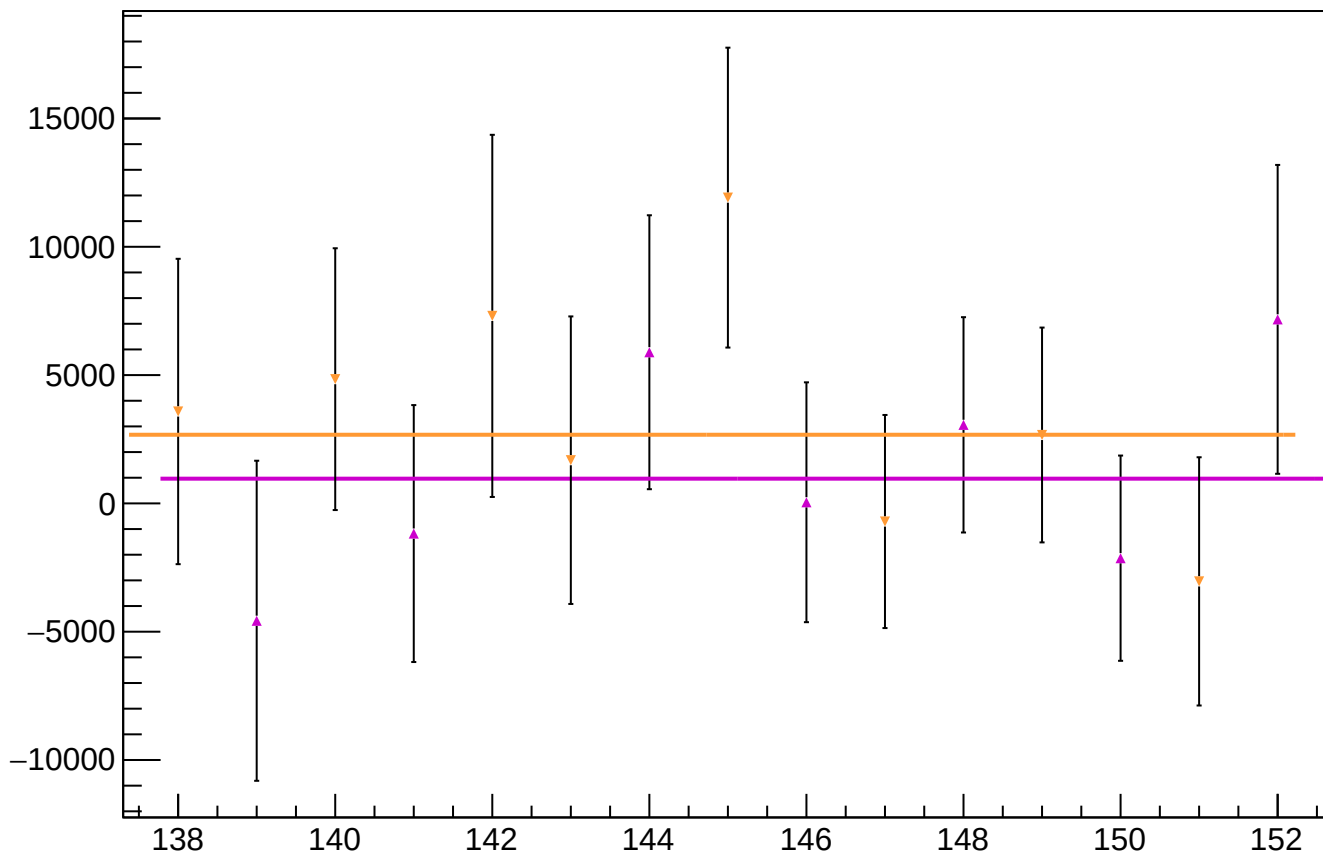
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

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

Out: 2044.578+/-0.410 χ^2/NDF :636350.1/26

All: 2030.705+/-0.289 χ^2/NDF : 1281211.9/50

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2675.285+/-1808.598 χ^2/NDF : 5.2/7

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: 1836.910+/-1291.914 χ^2/NDF : 9.4/14

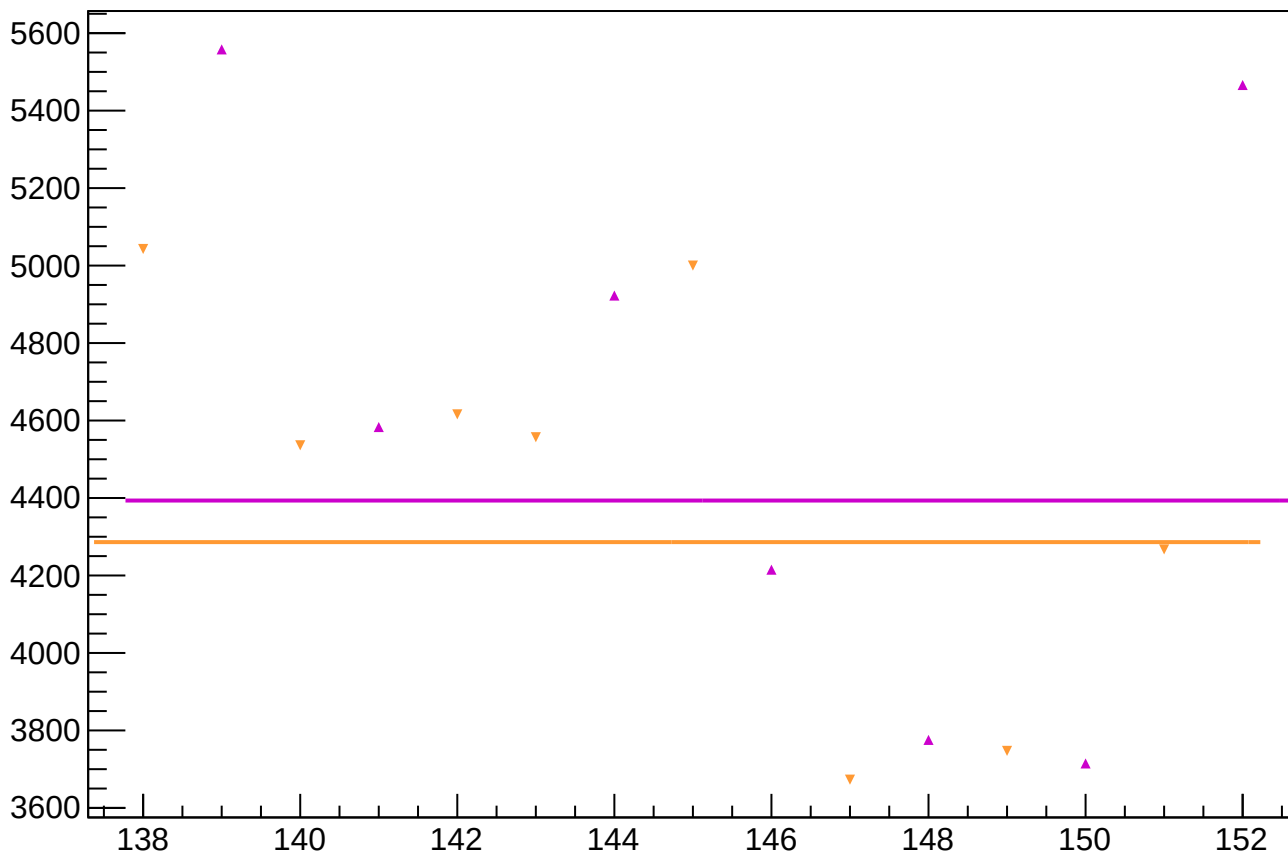
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 2675.285+/-1808.598 χ^2/NDF : 5.2/7

All: 1836.910+/-1291.914 χ^2/NDF : 9.4/14

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4286.147+/-1.279 χ^2/NDF :152837.1/7

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: 4338.710+/-0.914 χ^2/NDF : 415987.8/14

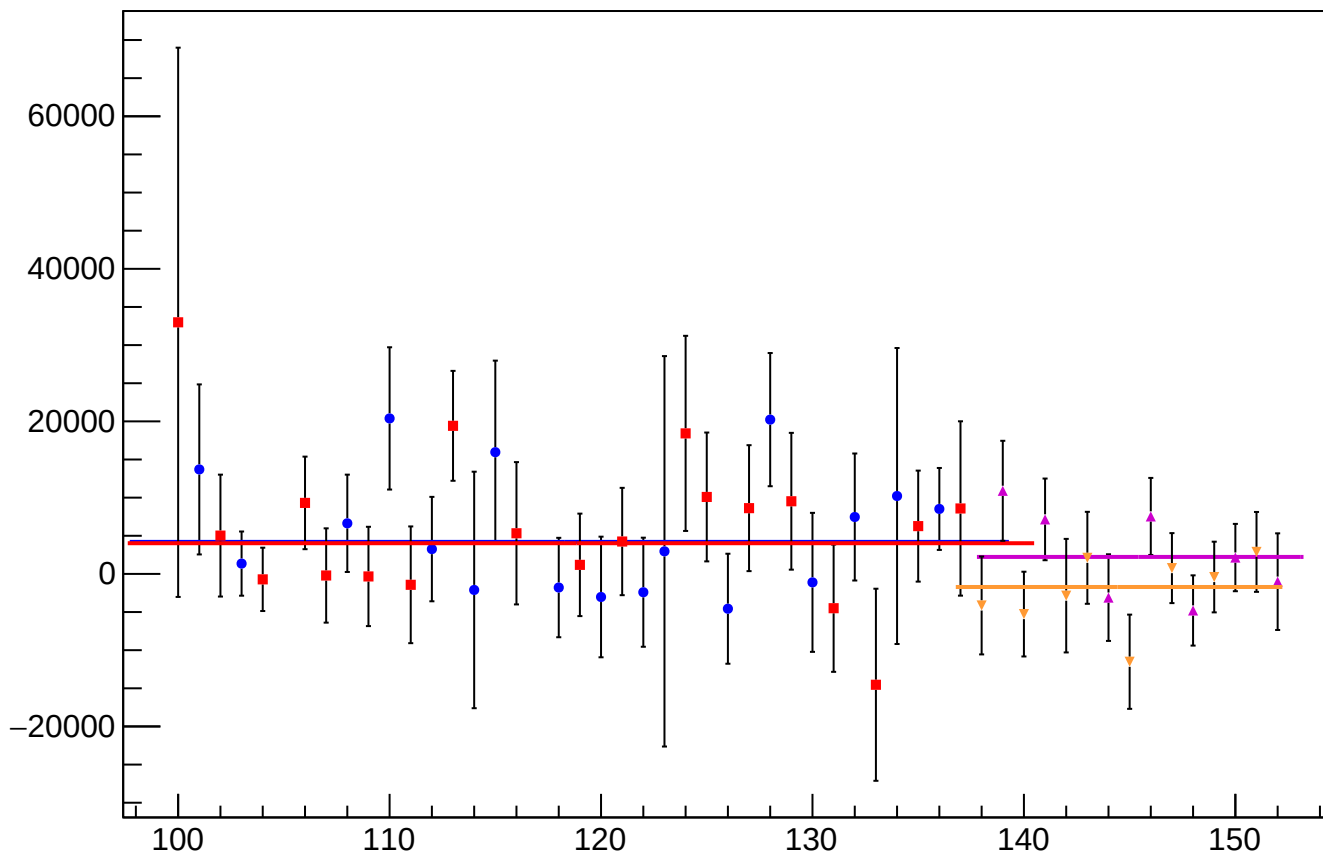
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 4286.147+/-1.279 χ^2/NDF :152837.1/7

All: 4338.710+/-0.914 χ^2/NDF : 415987.8/14

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -1714.808+/-1965.079 χ^2/NDF : 4.6/7

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: 228.473+/-1399.275 χ^2/NDF : 13.8/14

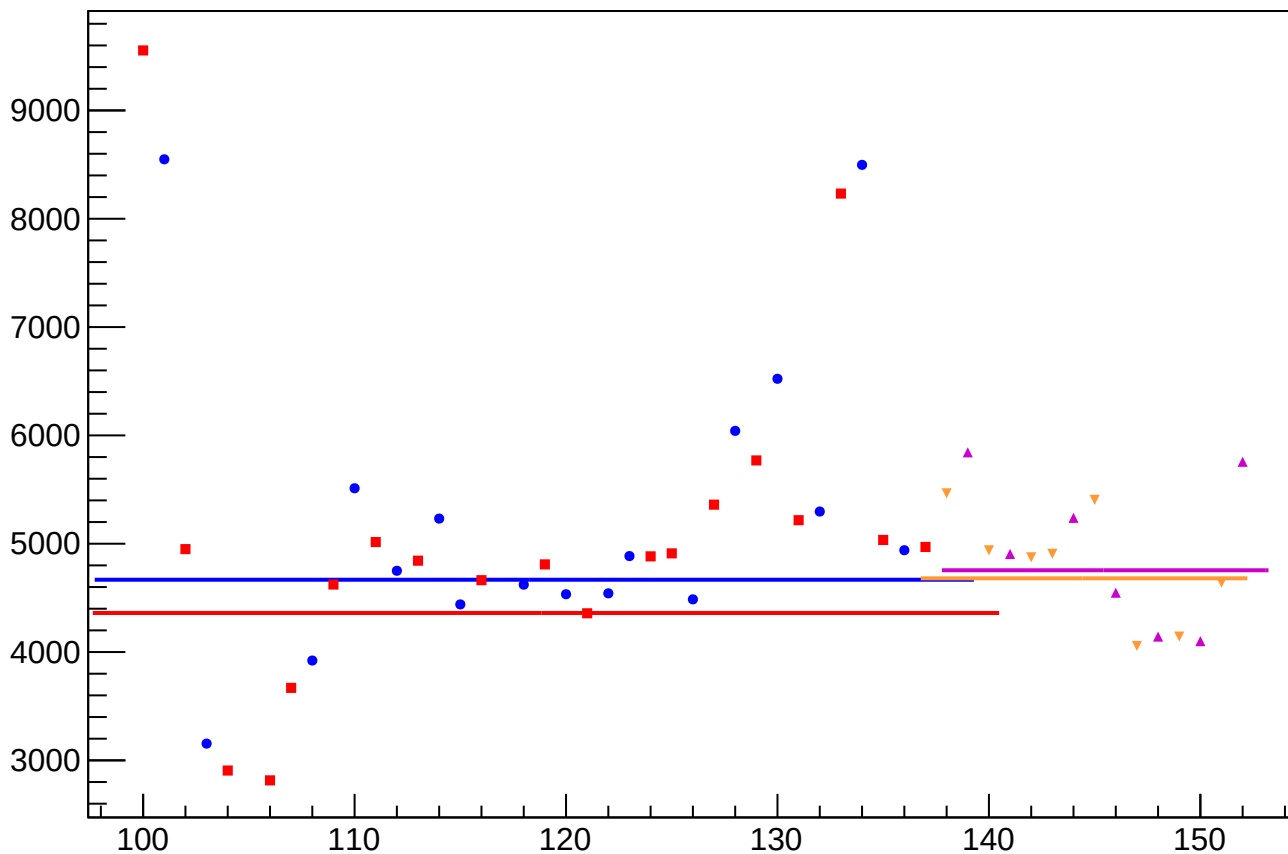
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

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

Out: 1525.907+/-1296.456 χ^2/NDF : 24.3/26

All: 2362.724+/-938.044 χ^2/NDF : 47.0/50

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470 ± 1.314 $\chi^2/\text{NDF}: 777857.9/16$

Left Out: 4680.504 ± 1.390 $\chi^2/\text{NDF}: 130018.0/7$

Right Out: 4360.582 ± 1.213 $\chi^2/\text{NDF}: 832745.2/18$

Left In: 4754.836 ± 1.409 $\chi^2/\text{NDF}: 203921.8/6$

Left: 4717.146 ± 0.989 $\chi^2/\text{NDF}: 335350.5/14$

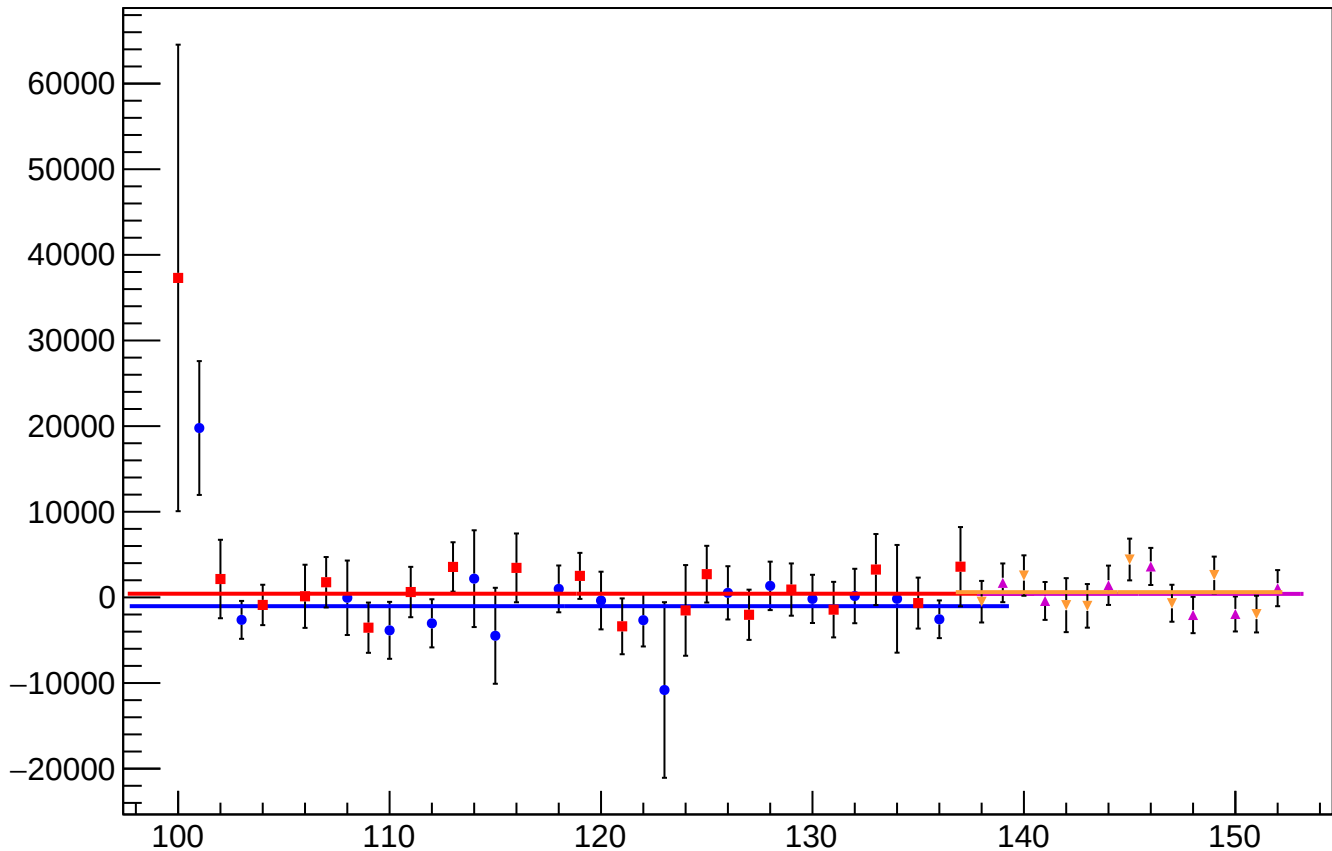
Right: 4501.800 ± 0.891 $\chi^2/\text{NDF}: 1640064.7/35$

In: 4708.090 ± 0.961 $\chi^2/\text{NDF}: 983836.1/23$

Out: 4498.923 ± 0.914 $\chi^2/\text{NDF}: 992850.4/26$

All: 4598.246 ± 0.662 $\chi^2/\text{NDF}: 2001569.5/50$

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 611.957 $\pm$ 838.654 χ^2 /NDF: 6.6/7

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: 508.535 $\pm$ 586.182 χ^2 /NDF: 12.3/14

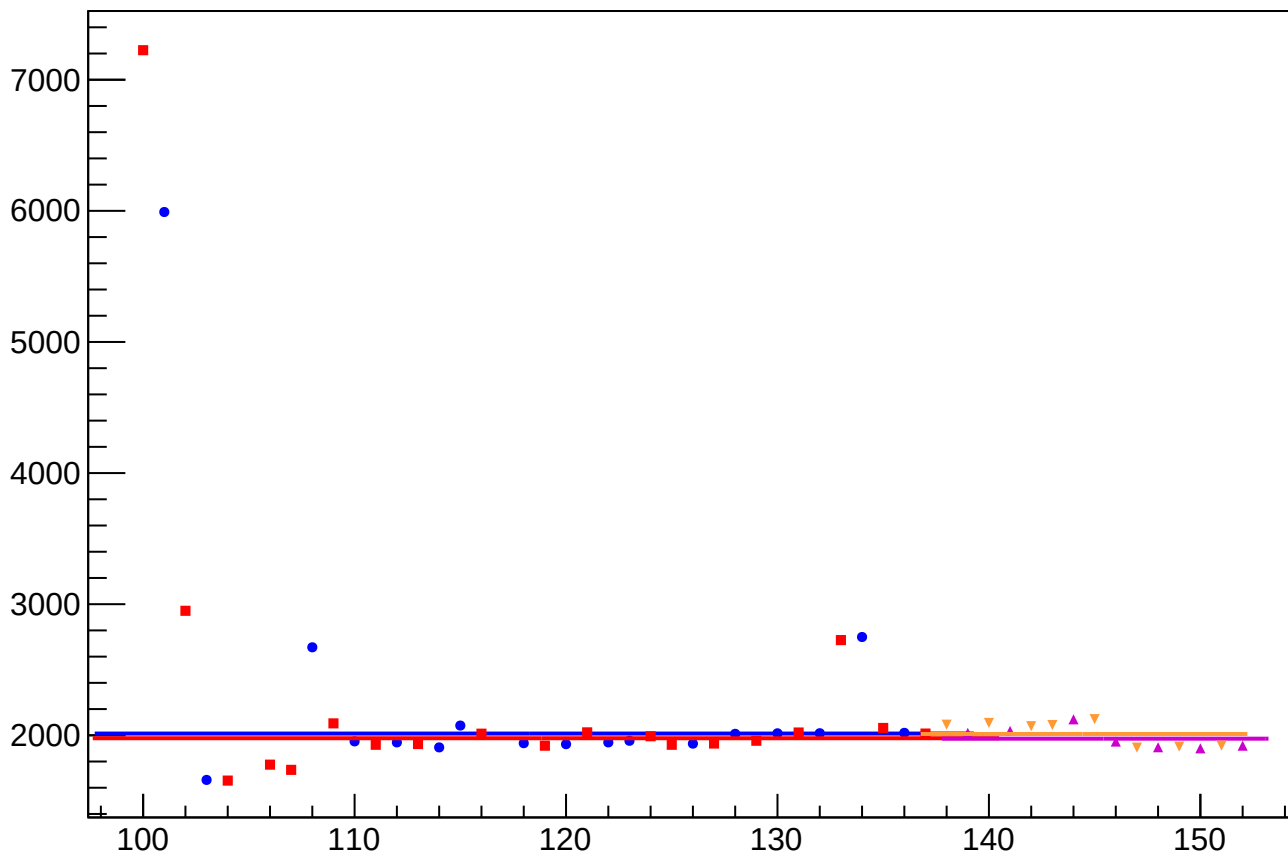
Right: -265.860 $\pm$ 550.193 χ^2 /NDF: 25.6/35

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

Out: 511.315 $\pm$ 563.492 χ^2 /NDF: 17.4/26

All: 96.837 $\pm$ 401.165 χ^2 /NDF: 38.7/50

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2010.179+/-0.593 χ^2/NDF : 22777.9/7

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: 1991.793+/-0.414 χ^2/NDF : 41076.1/14

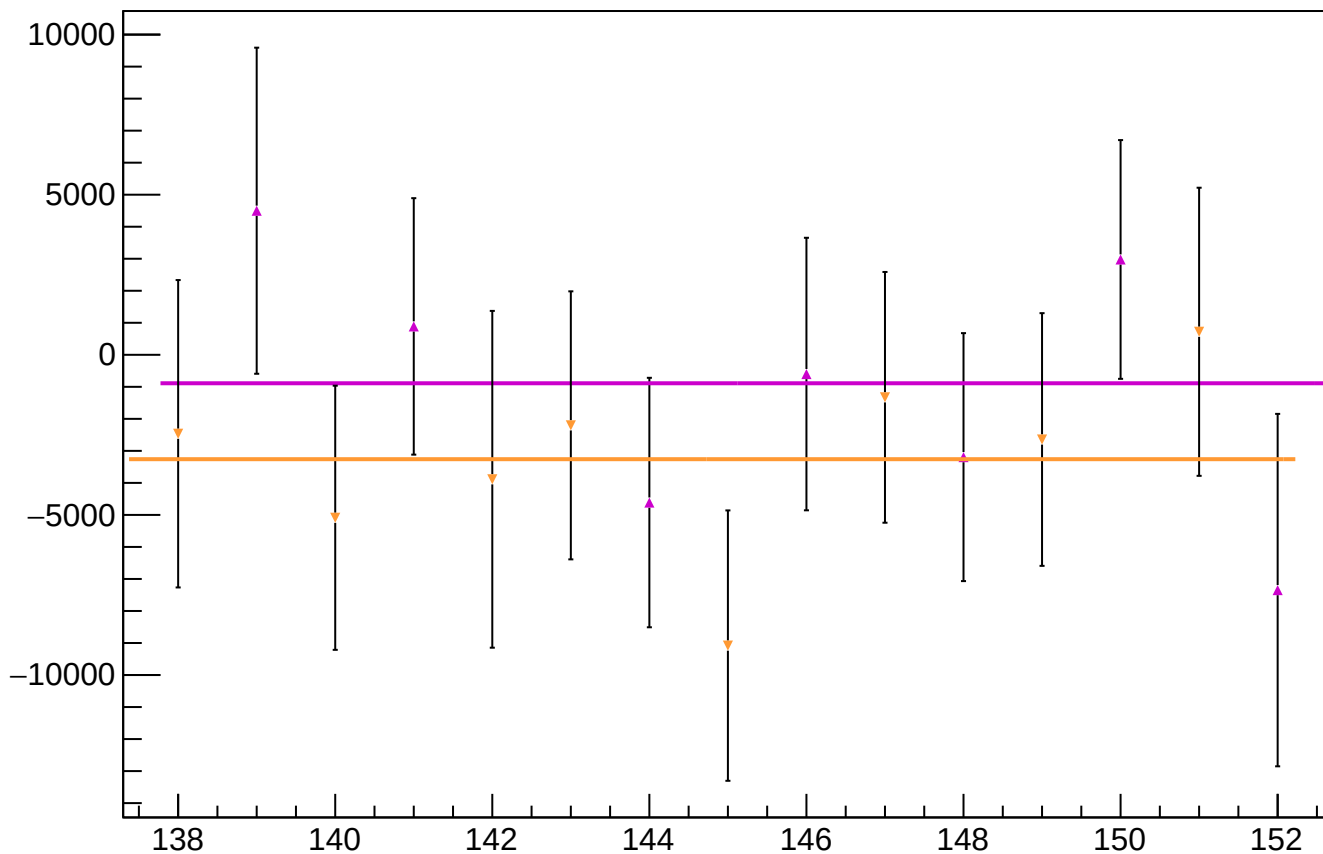
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

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

Out: 1992.260+/-0.398 χ^2/NDF : 319339.8/26

All: 1993.269+/-0.284 χ^2/NDF : 988153.4/50

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3259.705+/-1524.269 χ^2/NDF :3.3/7

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: -2126.952+/-1101.547 χ^2/NDF : 9.5/14

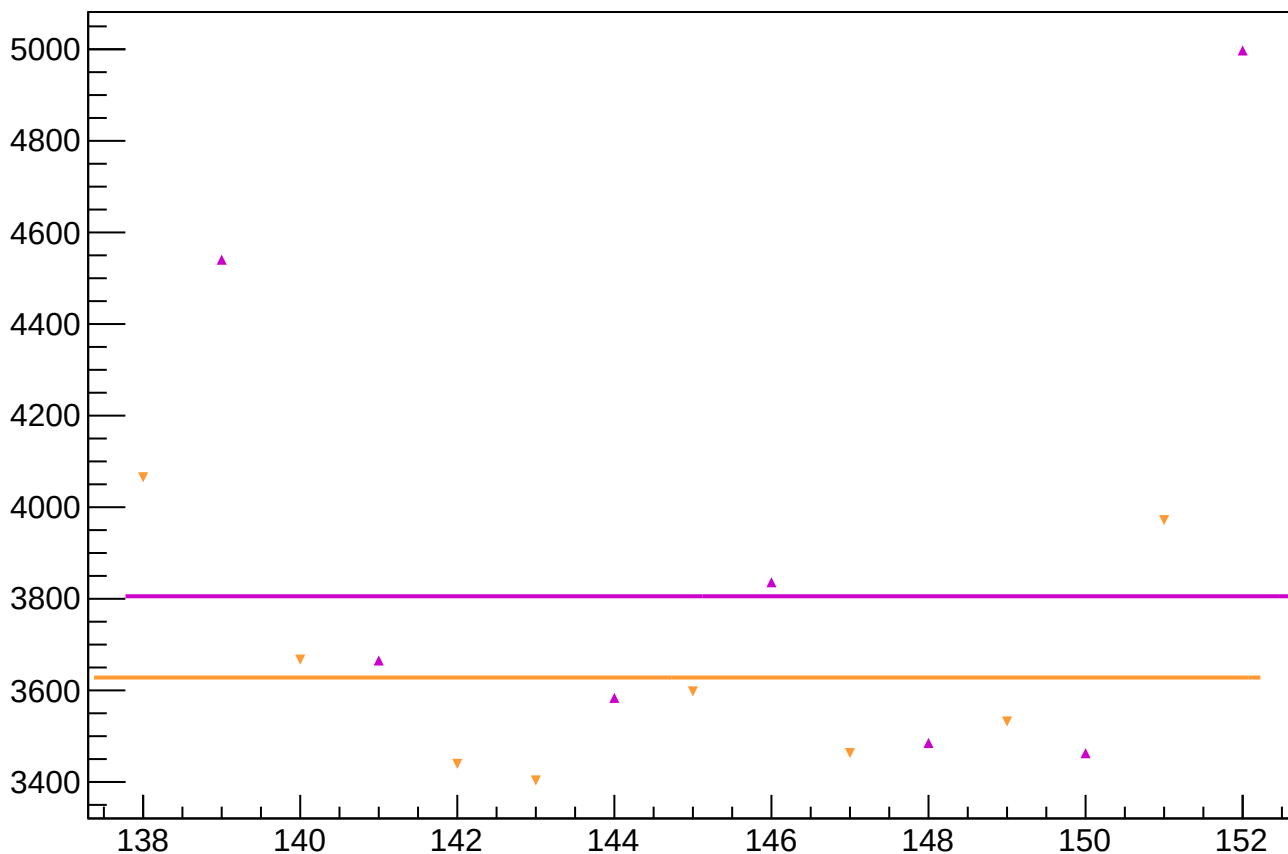
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -3259.705+/-1524.269 χ^2/NDF :3.3/7

All: -2126.952+/-1101.547 χ^2/NDF : 9.5/14

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3628.065+/-1.078 χ^2/NDF :41629.2/7

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: 3712.861+/-0.779 χ^2/NDF : 229694.7/14

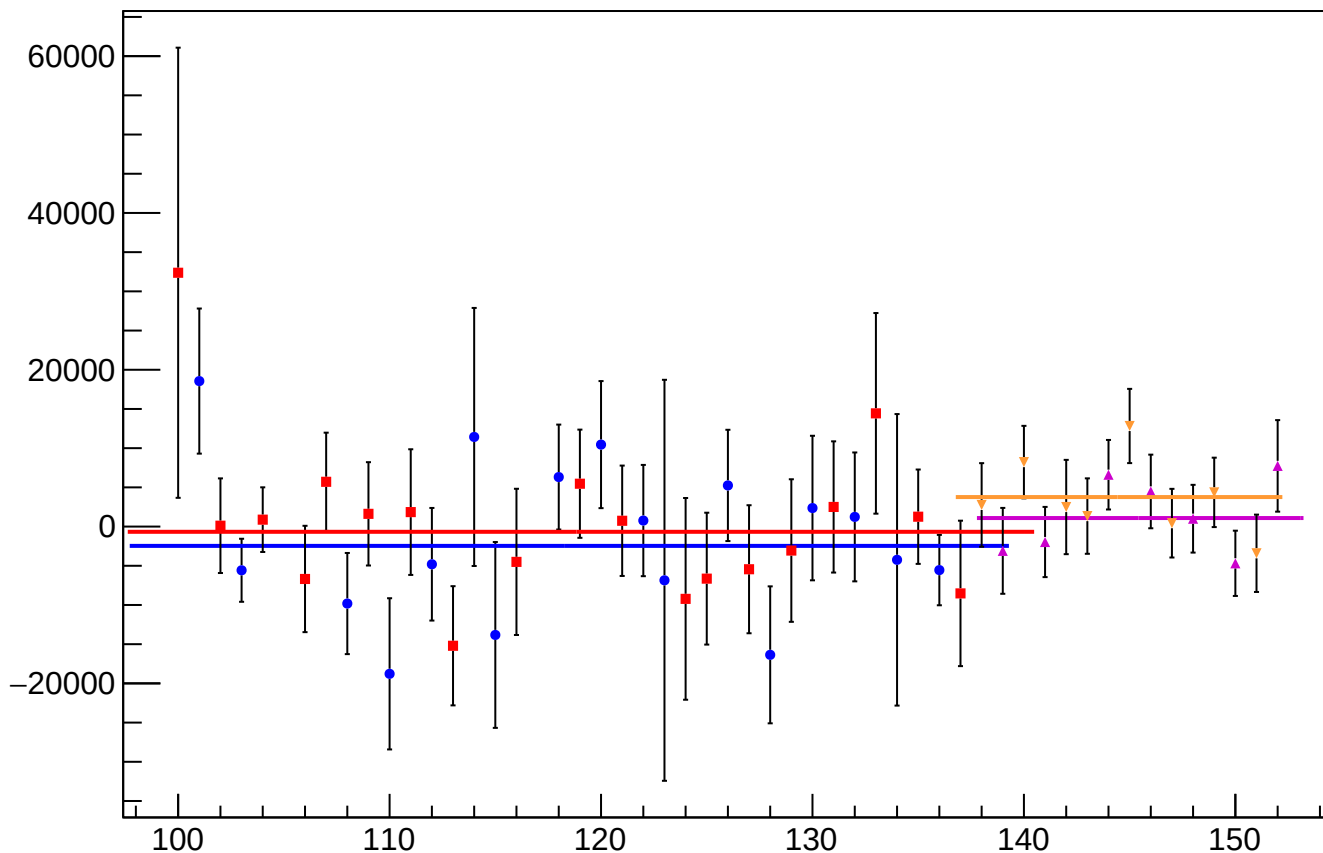
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3628.065+/-1.078 χ^2/NDF :41629.2/7

All: 3712.861+/-0.779 χ^2/NDF : 229694.7/14

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254+/-1797.293 χ^2/NDF : 20.8/16

Left Out: 3763.249+/-1710.527 χ^2/NDF : 7.6/7

Right Out: -666.170+/-1689.812 χ^2/NDF : 11.9/18

Left In: 1087.962+/-1767.587 χ^2/NDF : 6.3/6

Left: 2469.484+/-1229.203 χ^2/NDF : 15.2/14

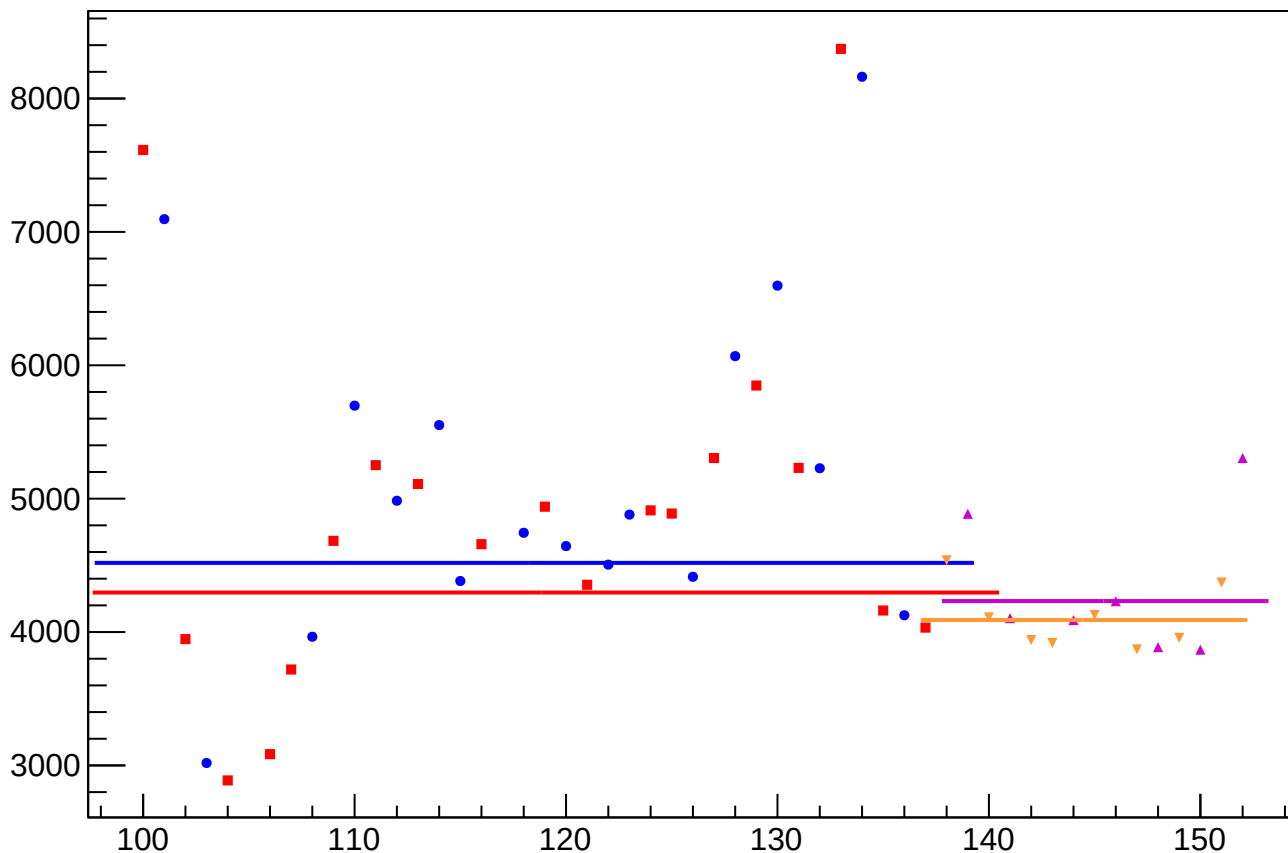
Right: -1508.905+/-1231.122 χ^2/NDF : 33.3/35

In: -657.564+/-1260.244 χ^2/NDF : 29.2/23

Out: 1521.556+/-1202.134 χ^2/NDF : 22.9/26

All: 483.393+/-869.855 χ^2/NDF : 53.7/50

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4090.240 $\pm$ 1.210 χ^2/NDF : 31462.9/7

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: 4159.004 $\pm$ 0.869 χ^2/NDF : 166041.0/14

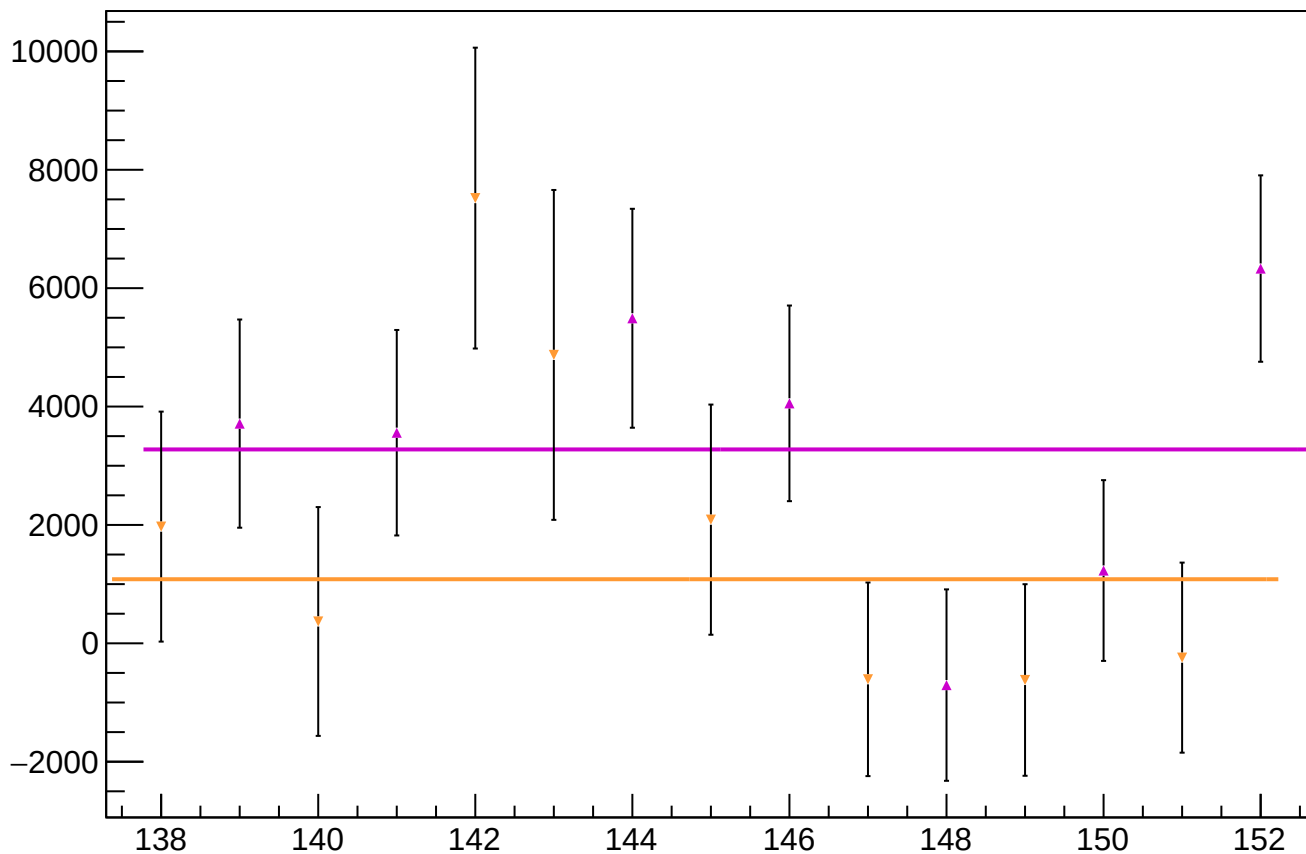
Right: 4400.071 $\pm$ 0.868 χ^2/NDF : 1558255.2/35

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

Out: 4195.138 $\pm$ 0.848 χ^2/NDF : 817946.2/26

All: 4279.706 $\pm$ 0.614 χ^2/NDF : 1762811.6/50

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: 1082.709+/-670.487 χ^2/NDF :11.7/7

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: 2249.263+/-458.691 χ^2/NDF : 30.8/14

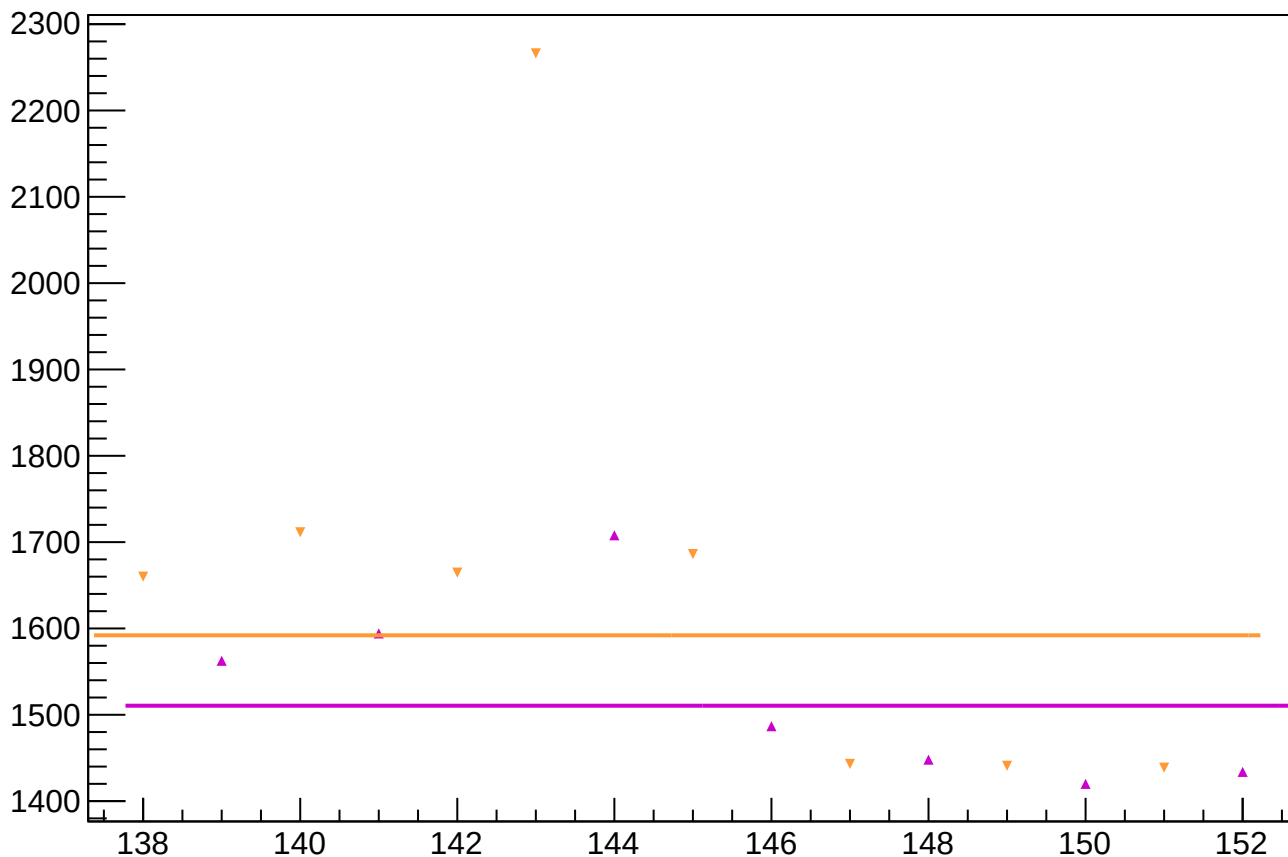
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1082.709+/-670.487 χ^2/NDF :11.7/7

All: 2249.263+/-458.691 χ^2/NDF : 30.8/14

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: 1592.066+/-0.474 χ^2/NDF :185712.3/7

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: 1548.683+/-0.324 χ^2/NDF : 245819.2/14

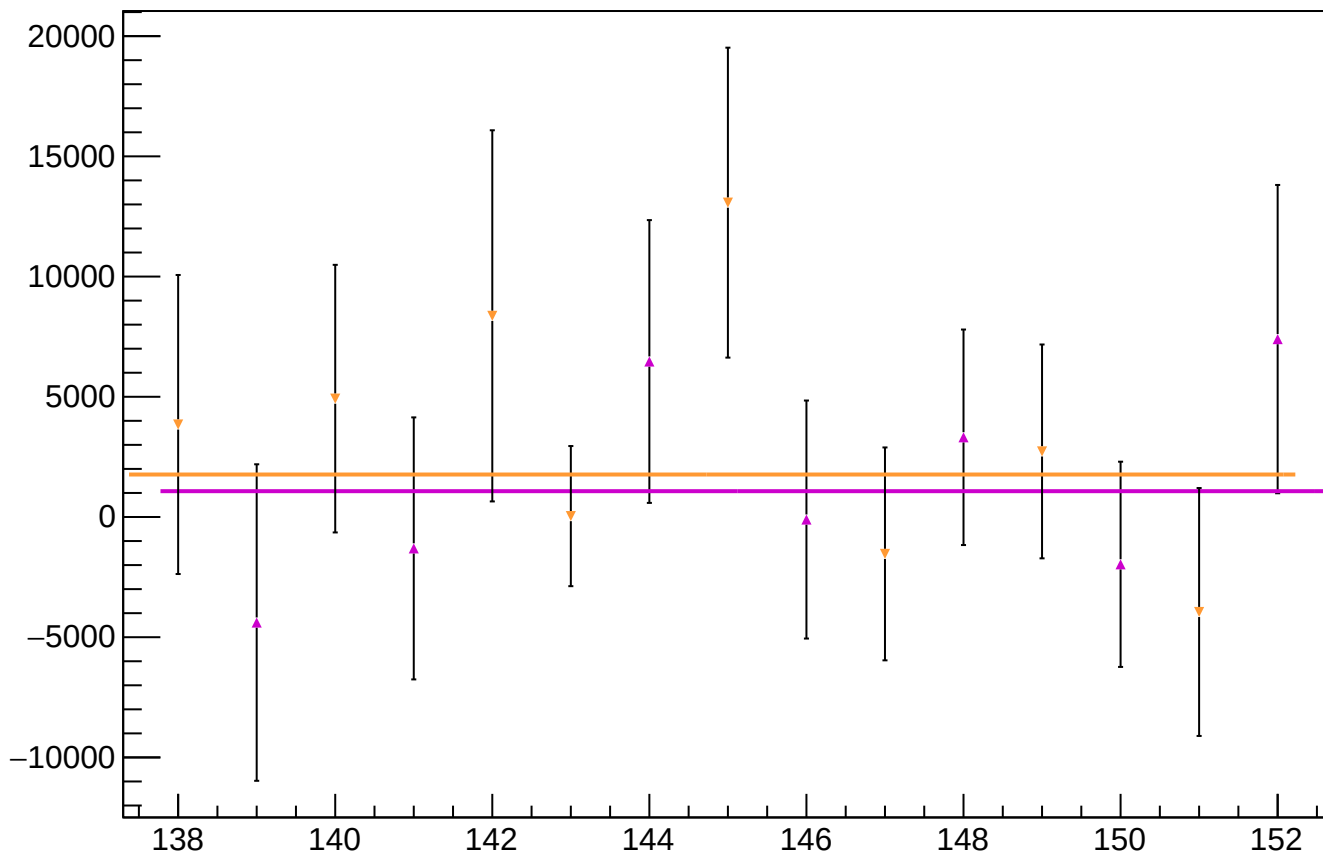
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1592.066+/-0.474 χ^2/NDF :185712.3/7

All: 1548.683+/-0.324 χ^2/NDF : 245819.2/14

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: 1766.839+/-1676.112 χ^2/NDF :6.4/7

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: 1477.289+/-1278.849 χ^2/NDF : 10.0/14

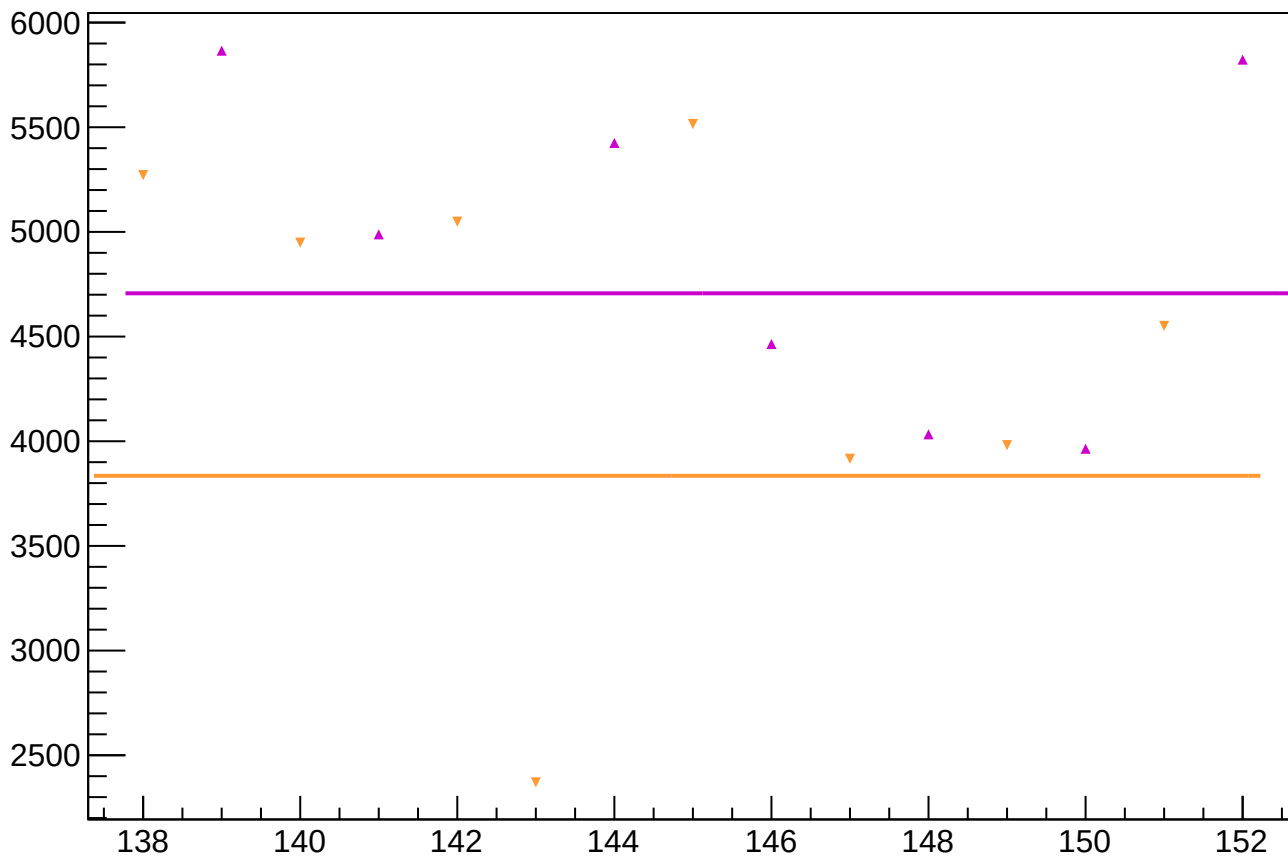
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1766.839+/-1676.112 χ^2/NDF :6.4/7

All: 1477.289+/-1278.849 χ^2/NDF : 10.0/14

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: 3834.899+/-1.185 χ^2/NDF :918810.7/7

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: 4199.178+/-0.904 χ^2/NDF : 1413203.6/14

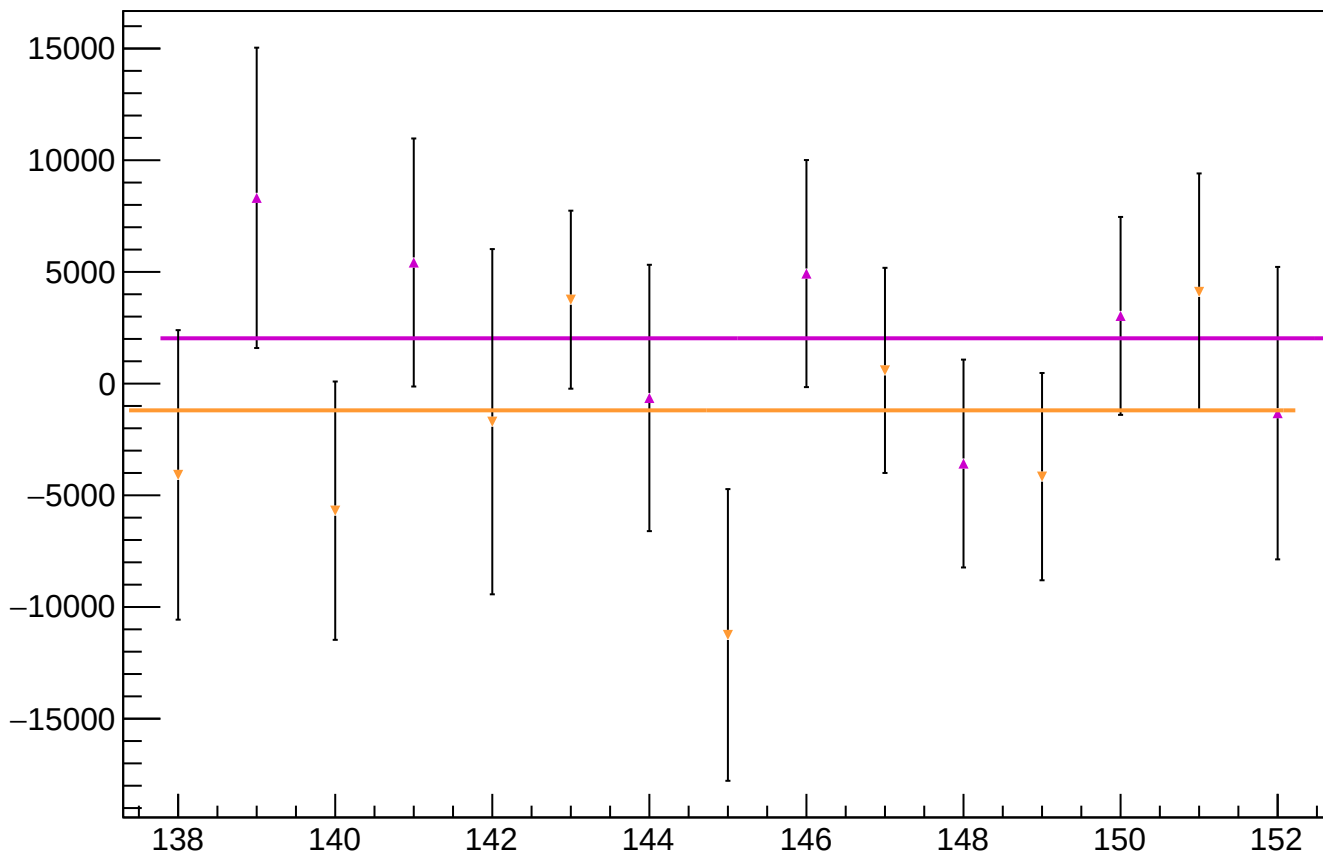
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3834.899+/-1.185 χ^2/NDF :918810.7/7

All: 4199.178+/-0.904 χ^2/NDF : 1413203.6/14

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: -1196.651+/-1868.723 χ^2/NDF :6.3/7

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

Left In: 280.443+/-2033.161 χ^2/NDF :3.5/6

Left: 280.443+/-1375.853 χ^2/NDF : 11.2/14

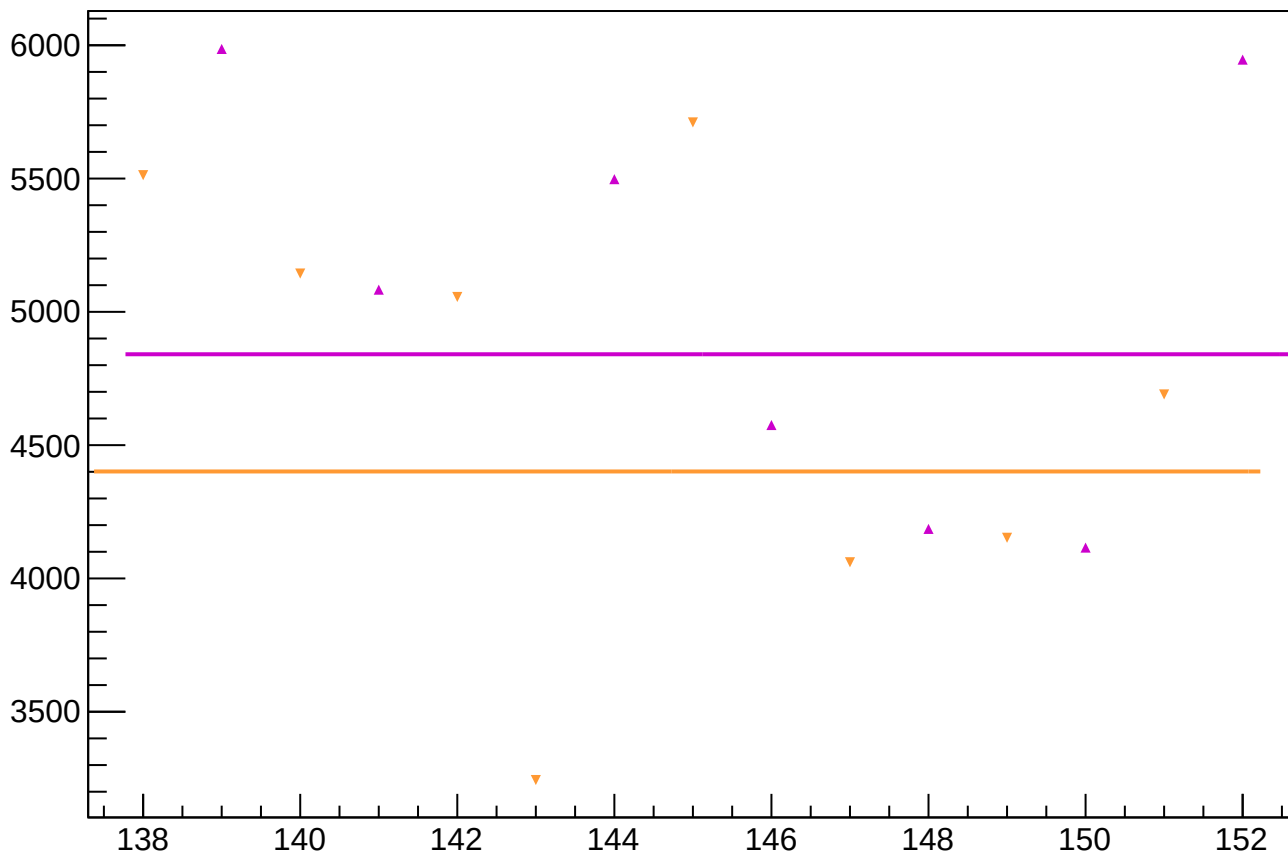
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.928+/-2033.161 χ^2/NDF :3.5/6

Out: -1196.651+/-1868.723 χ^2/NDF :6.3/7

All: 280.443+/-1375.853 χ^2/NDF : 11.2/14

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: 4401.278+/-1.321 χ^2/NDF :378057.3/7

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: 4602.607+/-0.973 χ^2/NDF : 670585.8/14

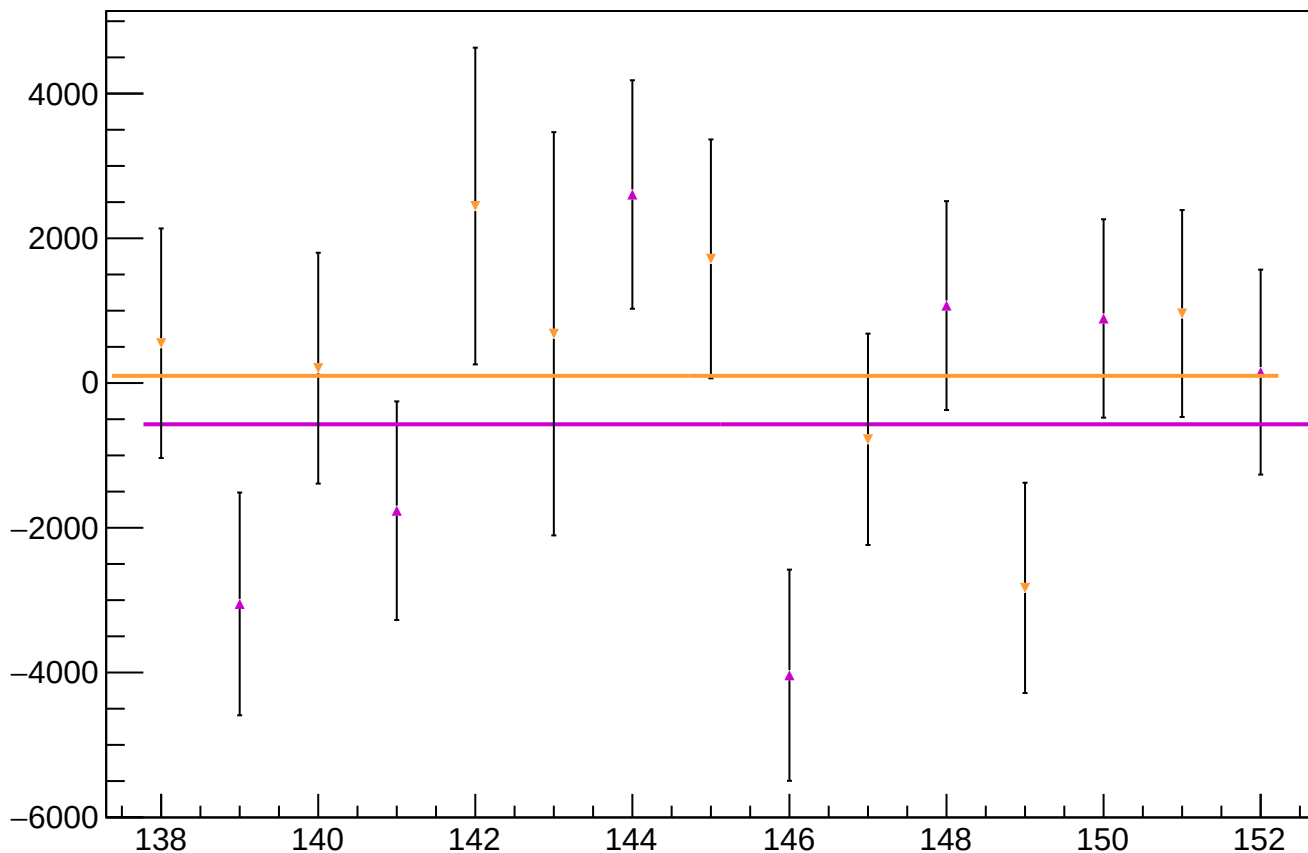
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 4401.278+/-1.321 χ^2/NDF :378057.3/7

All: 4602.607+/-0.973 χ^2/NDF : 670585.8/14

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: 99.740+/-584.520 χ^2/NDF : 7.0/7

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: -252.273+/-402.596 χ^2/NDF : 23.3/14

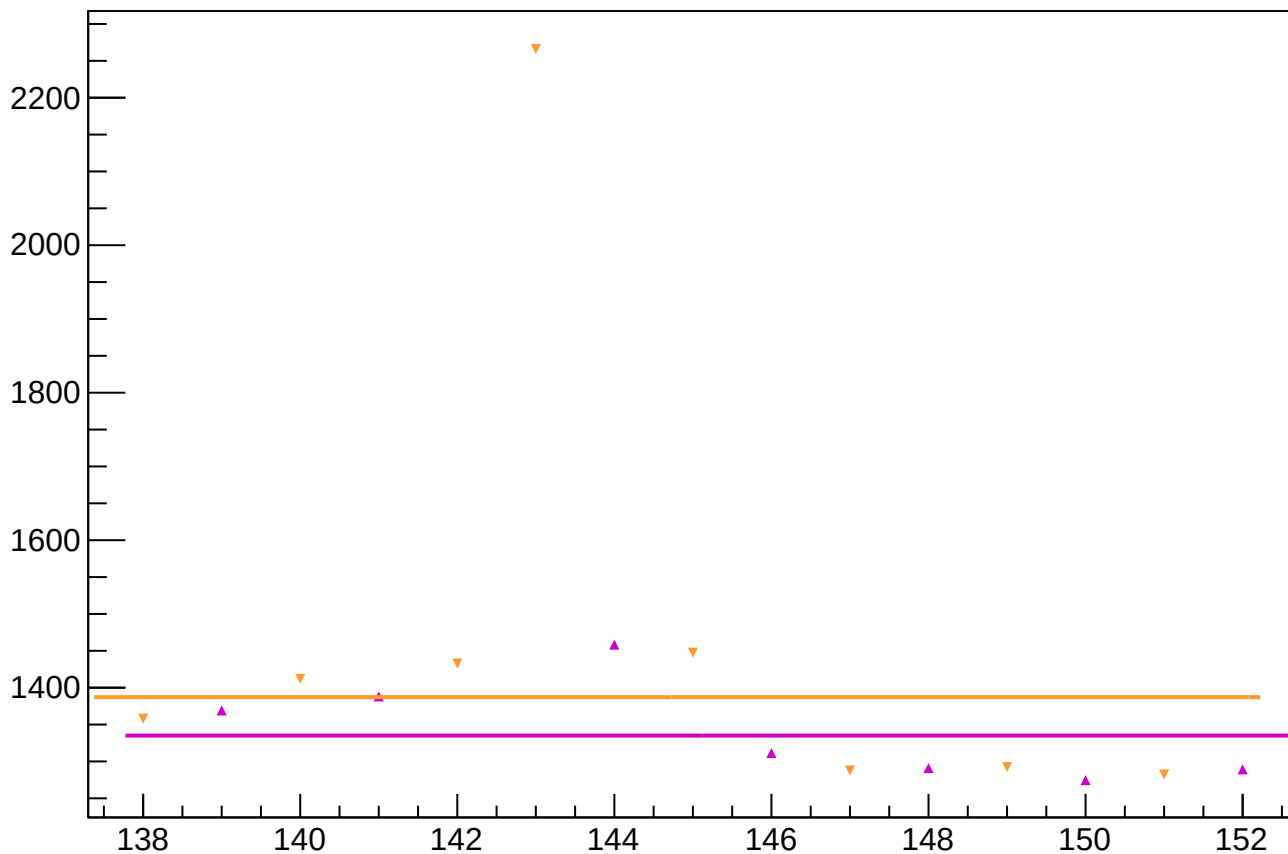
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 99.740+/-584.520 χ^2/NDF : 7.0/7

All: -252.273+/-402.596 χ^2/NDF : 23.3/14

dit_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: 1387.175+/-0.413 χ^2/NDF :232186.7/7

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

Left In: 1335.078+/-0.393 χ^2/NDF :24014.9/6

Left: 1359.793+/-0.285 χ^2/NDF : 264552.1/14

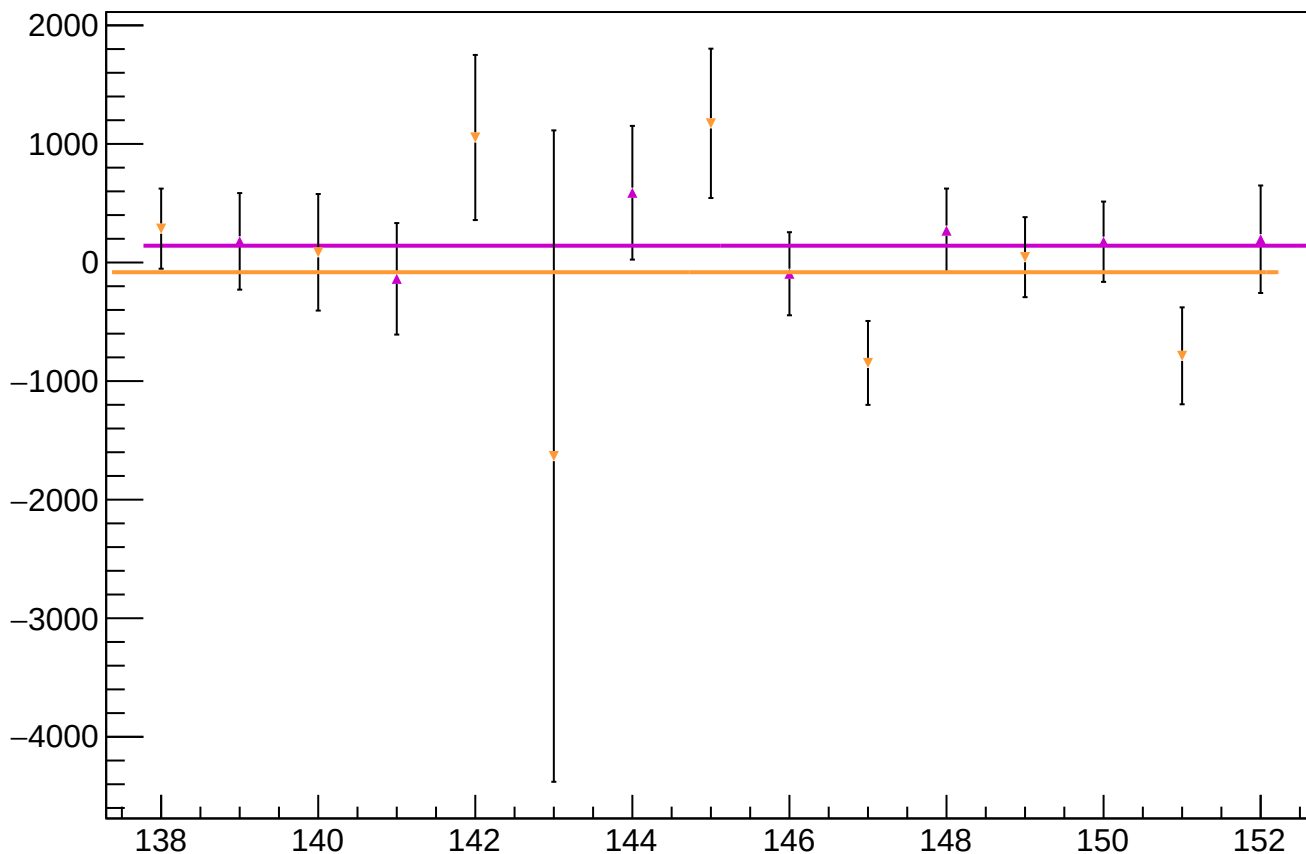
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1335.078+/-0.393 χ^2/NDF :24014.9/6

Out: 1387.175+/-0.413 χ^2/NDF :232186.7/7

All: 1359.793+/-0.285 χ^2/NDF : 264552.1/14

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: -81.875+/-157.375 χ^2/NDF :16.0/7

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: 33.962+/-109.268 χ^2/NDF : 18.7/14

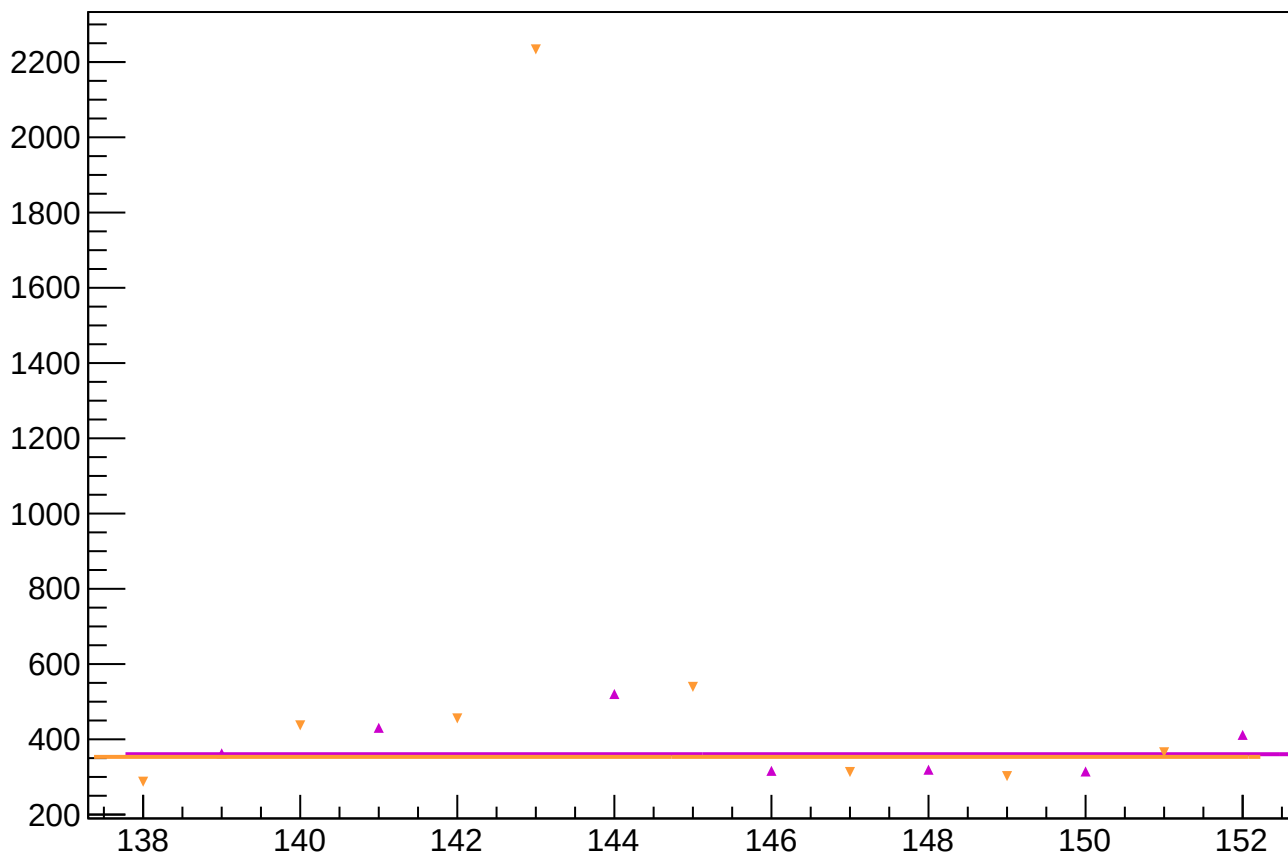
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.780+/-151.830 χ^2/NDF :1.6/6

Out: -81.875+/-157.375 χ^2/NDF :16.0/7

All: 33.962+/-109.268 χ^2/NDF : 18.7/14

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: 353.316+/-0.111 χ^2/NDF :1362878.2/7

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: 356.993+/-0.077 χ^2/NDF : 1691845.5/14

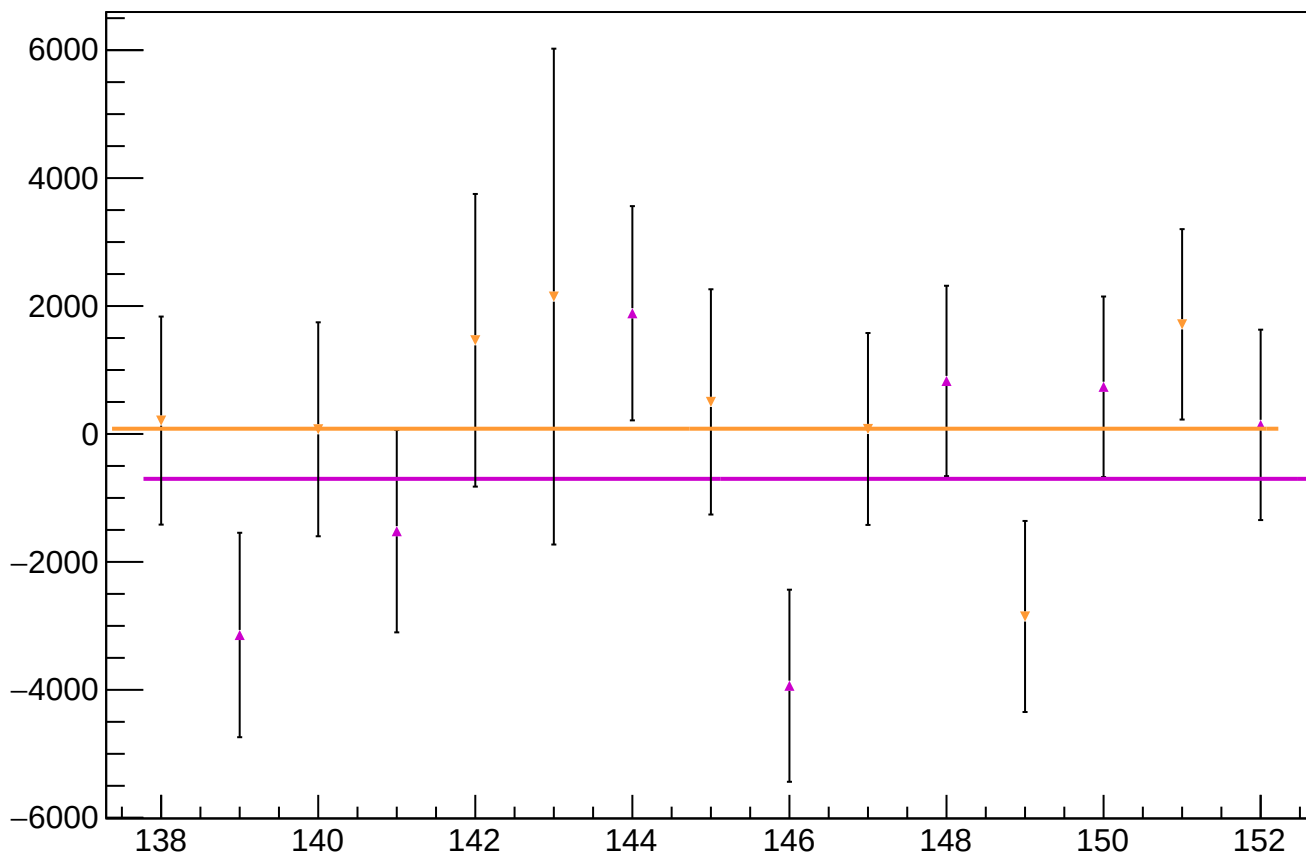
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 353.316+/-0.111 χ^2/NDF :1362878.2/7

All: 356.993+/-0.077 χ^2/NDF : 1691845.5/14

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: 82.243+/-613.093 χ^2/NDF : 5.8/7

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: -332.906+/-420.426 χ^2/NDF : 18.7/14

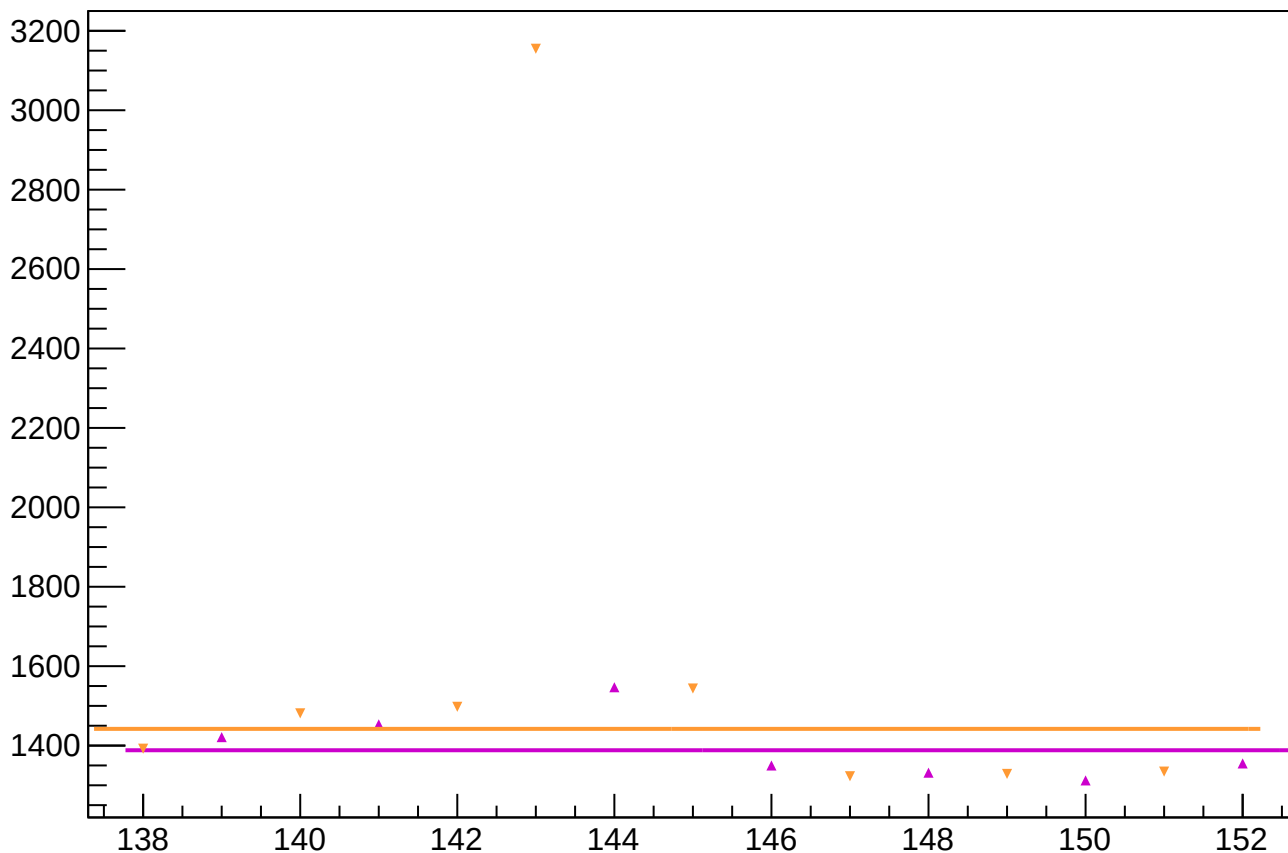
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 82.243+/-613.093 χ^2/NDF : 5.8/7

All: -332.906+/-420.426 χ^2/NDF : 18.7/14

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: 1442.115+/-0.434 χ^2/NDF :436075.6/7

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: 1413.590+/-0.297 χ^2/NDF : 477445.8/14

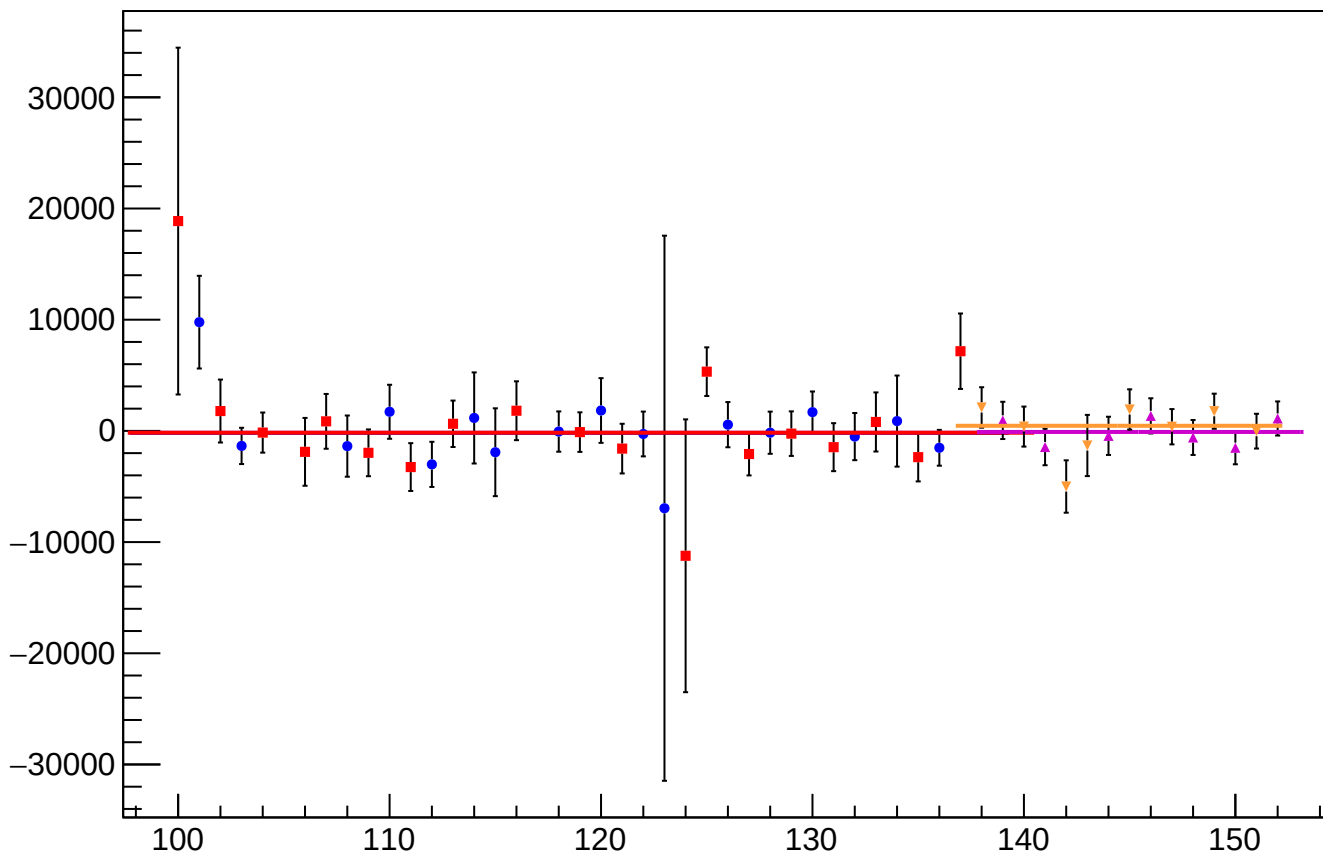
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1442.115+/-0.434 χ^2/NDF :436075.6/7

All: 1413.590+/-0.297 χ^2/NDF : 477445.8/14

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841 ± 554.659 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 458.935 ± 640.711 $\chi^2/\text{NDF}: 8.1/7$

Right Out: -164.937 ± 540.101 $\chi^2/\text{NDF}: 20.7/18$

Left In: -95.980 ± 603.302 $\chi^2/\text{NDF}: 3.6/6$

Left: 164.806 ± 439.229 $\chi^2/\text{NDF}: 12.0/14$

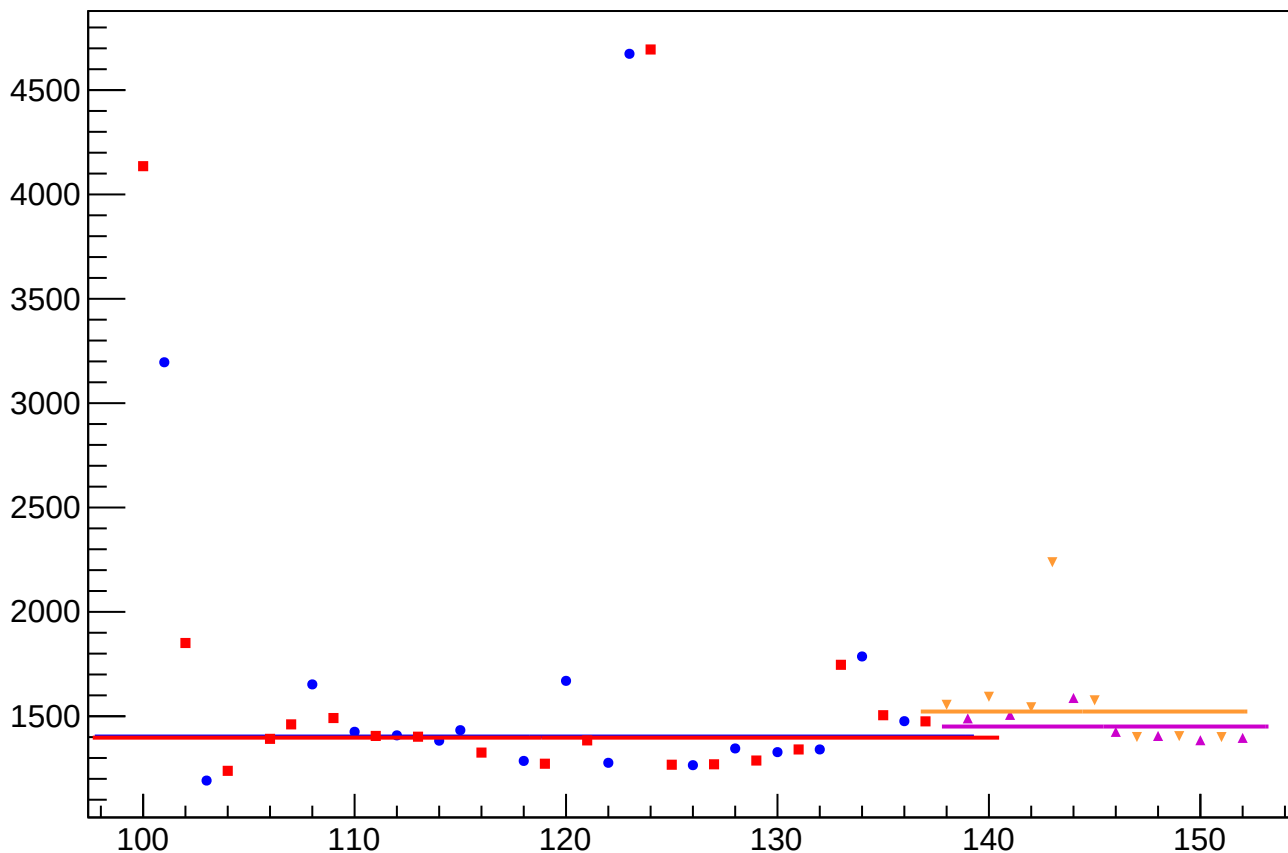
Right: -169.758 ± 386.953 $\chi^2/\text{NDF}: 32.4/35$

In: -138.718 ± 408.318 $\chi^2/\text{NDF}: 15.3/23$

Out: 94.226 ± 412.953 $\chi^2/\text{NDF}: 29.3/26$

All: -23.561 ± 290.349 $\chi^2/\text{NDF}: 44.8/50$

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: 1522.537 $\pm$ 0.453 χ^2 /NDF: 176022.3/7

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: 1484.439 $\pm$ 0.311 χ^2 /NDF: 214012.3/14

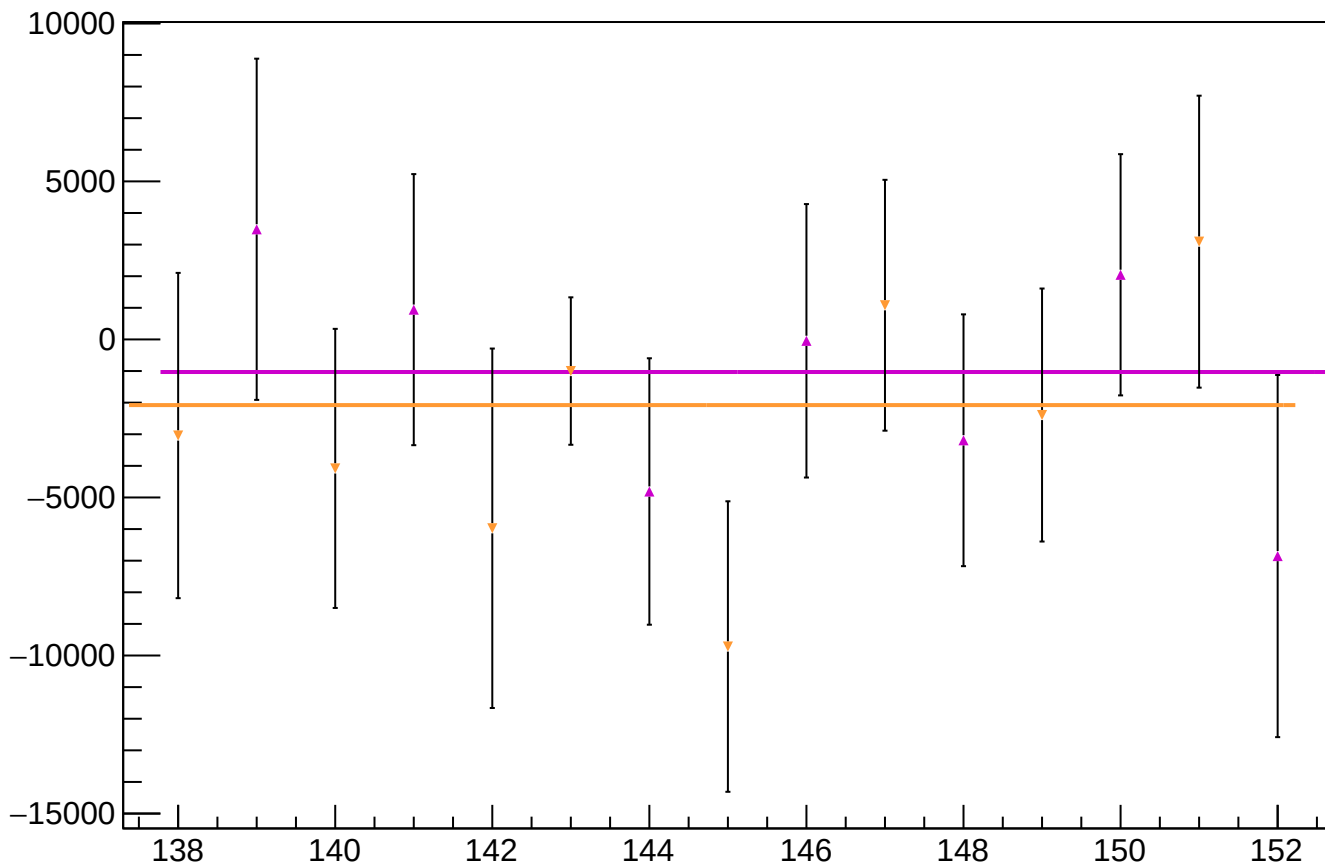
Right: 1400.004 $\pm$ 0.274 χ^2 /NDF: 879784.5/35

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

Out: 1449.373 $\pm$ 0.292 χ^2 /NDF: 573978.1/26

All: 1436.888 $\pm$ 0.205 χ^2 /NDF: 1135419.4/50

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: -2777.606+/-1381.429 χ^2/NDF :5.6/7

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: -1650.927+/-1063.209 χ^2/NDF : 9.6/14

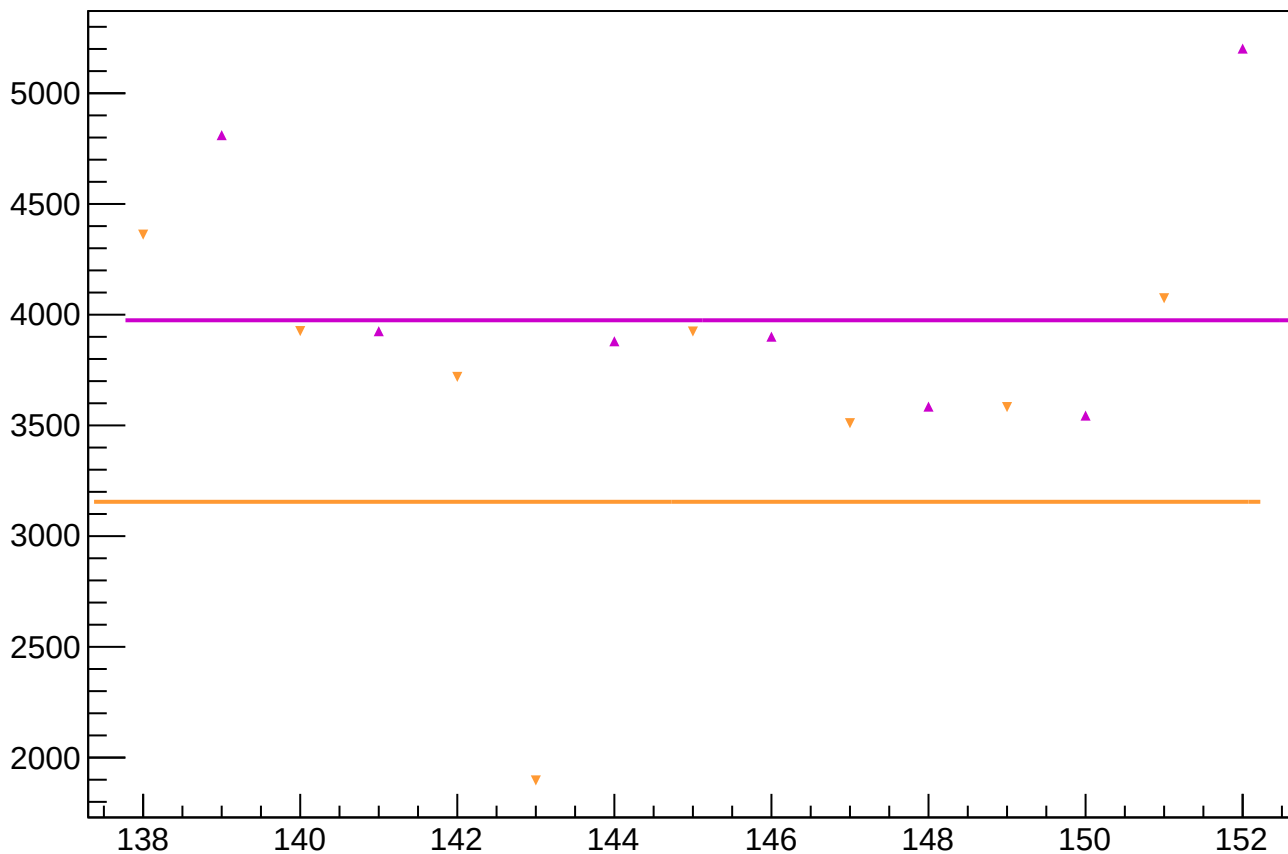
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -2777.606+/-1381.429 χ^2/NDF :5.6/7

All: -1650.927+/-1063.209 χ^2/NDF : 9.6/14

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: 3155.087+/-0.977 χ^2/NDF :946770.1/7

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: 3489.232+/-0.752 χ^2/NDF : 1420010.5/14

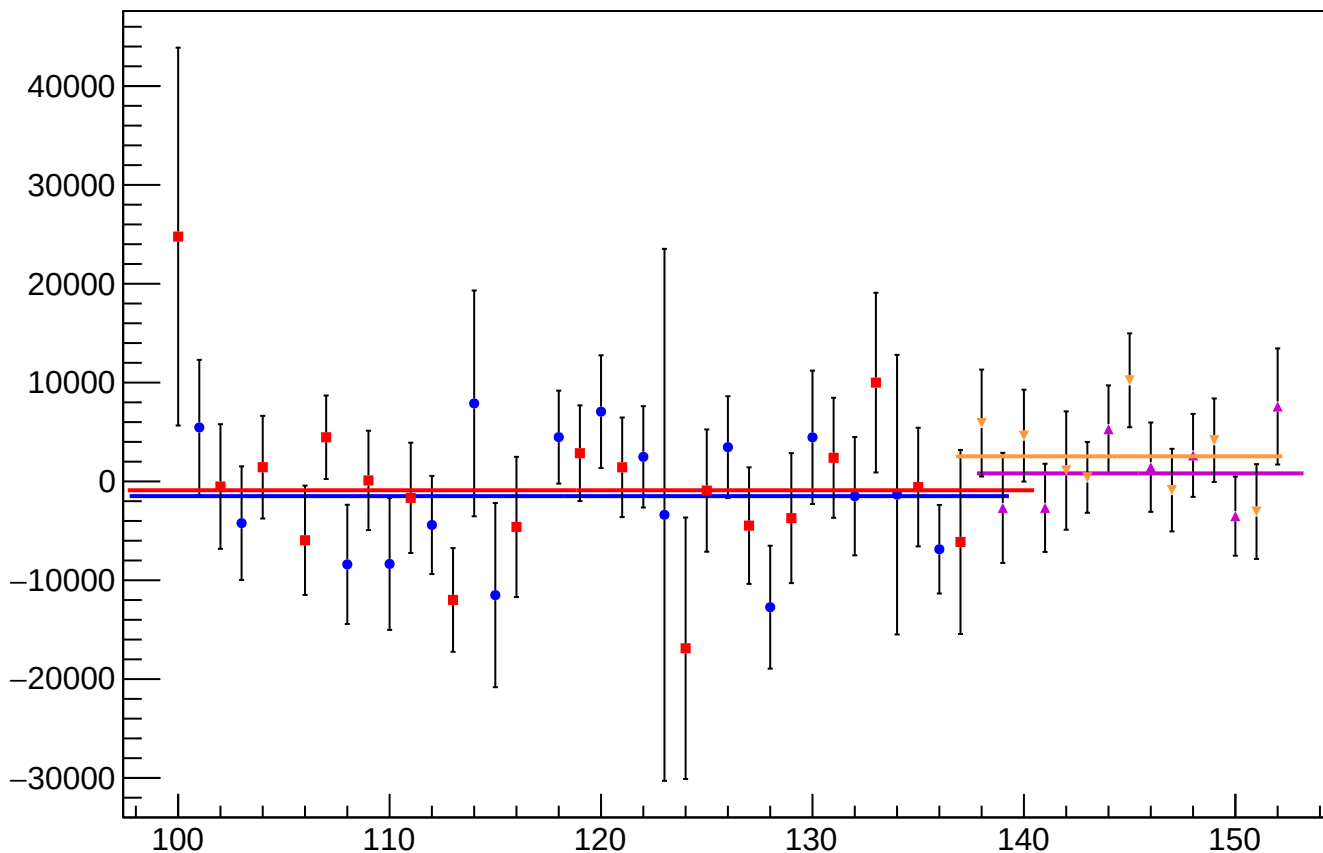
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3155.087+/-0.977 χ^2/NDF :946770.1/7

All: 3489.232+/-0.752 χ^2/NDF : 1420010.5/14

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038 $\pm$ 1499.116 χ^2 /NDF: 16.7/16

Left Out: 2538.205 $\pm$ 1606.308 χ^2 /NDF: 5.8/7

Right Out: -894.160 $\pm$ 1378.910 χ^2 /NDF: 14.1/18

Left In: 814.520 $\pm$ 1739.508 χ^2 /NDF: 4.7/6

Left: 1744.875 $\pm$ 1180.115 χ^2 /NDF: 11.1/14

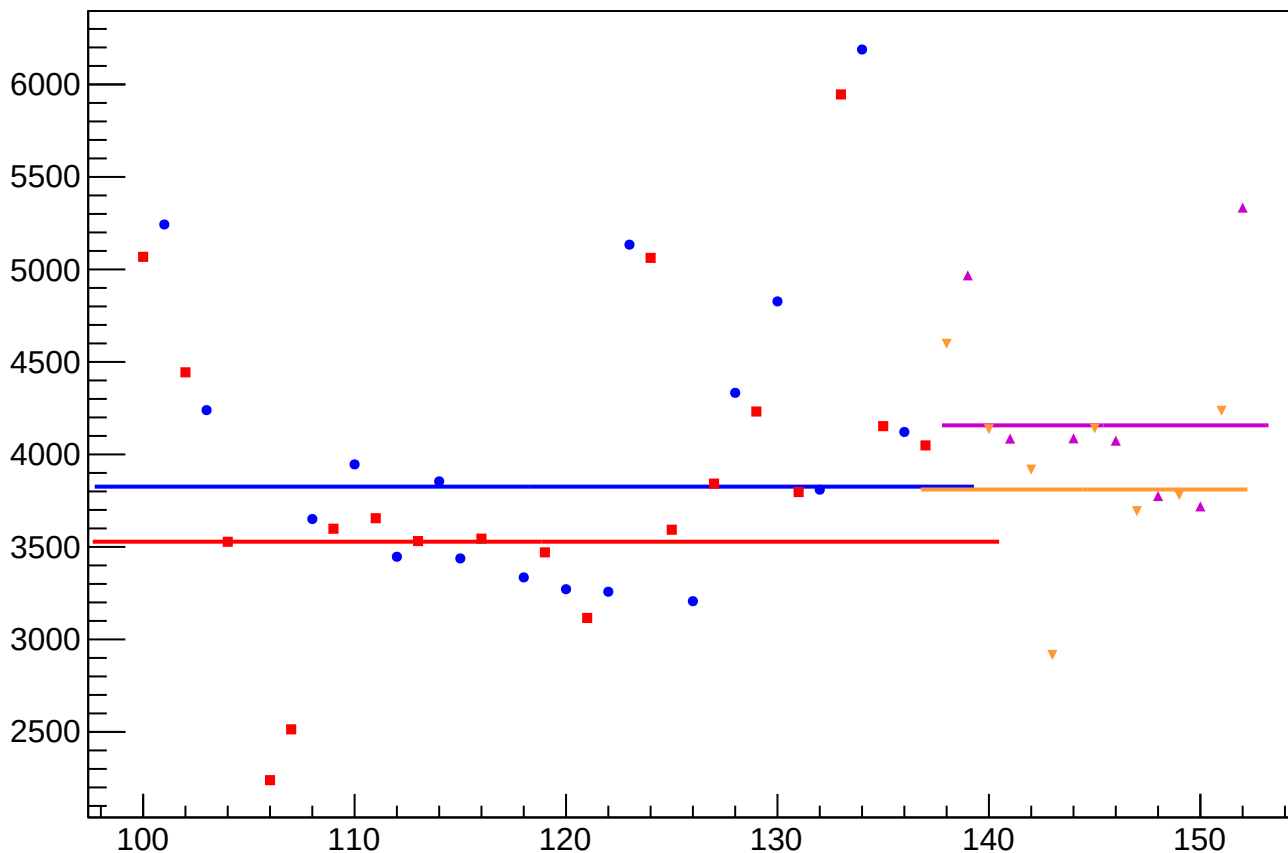
Right: -1165.879 $\pm$ 1014.876 χ^2 /NDF: 30.9/35

In: -506.160 $\pm$ 1135.594 χ^2 /NDF: 22.4/23

Out: 562.071 $\pm$ 1046.278 χ^2 /NDF: 22.6/26

All: 71.611 $\pm$ 769.471 χ^2 /NDF: 45.4/50

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: 3810.543+/-1.136 χ^2/NDF : 204688.1/7

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: 3970.128+/-0.834 χ^2/NDF : 412471.0/14

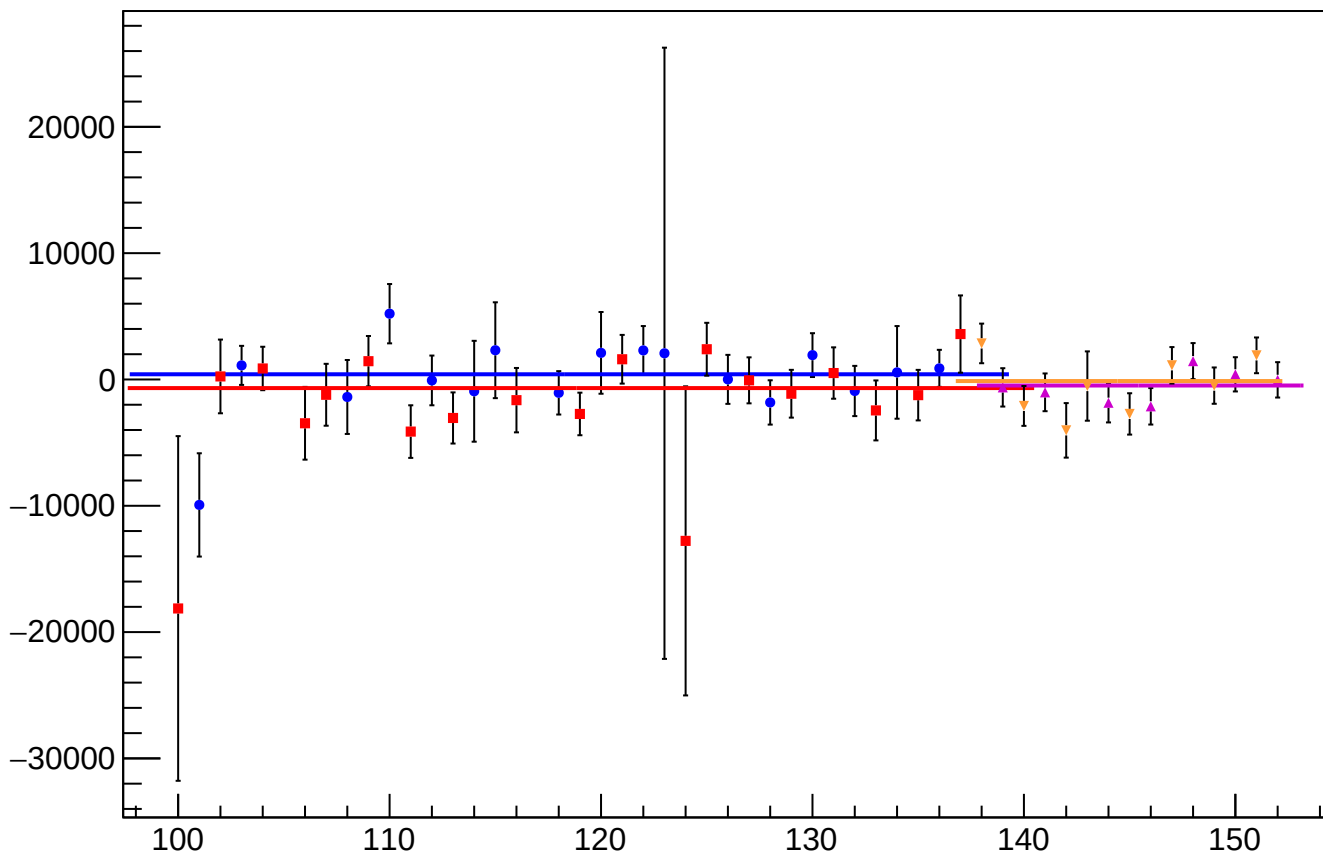
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

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

Out: 3646.782+/-0.736 χ^2/NDF : 795930.1/26

All: 3793.009+/-0.543 χ^2/NDF : 1423369.9/50

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419 ± 527.980 $\chi^2/\text{NDF}: 16.5/16$

Left Out: -125.242 ± 578.027 $\chi^2/\text{NDF}: 13.9/7$

Right Out: -682.176 ± 510.196 $\chi^2/\text{NDF}: 18.0/18$

Left In: -477.655 ± 548.944 $\chi^2/\text{NDF}: 4.6/6$

Left: -310.537 ± 398.047 $\chi^2/\text{NDF}: 18.6/14$

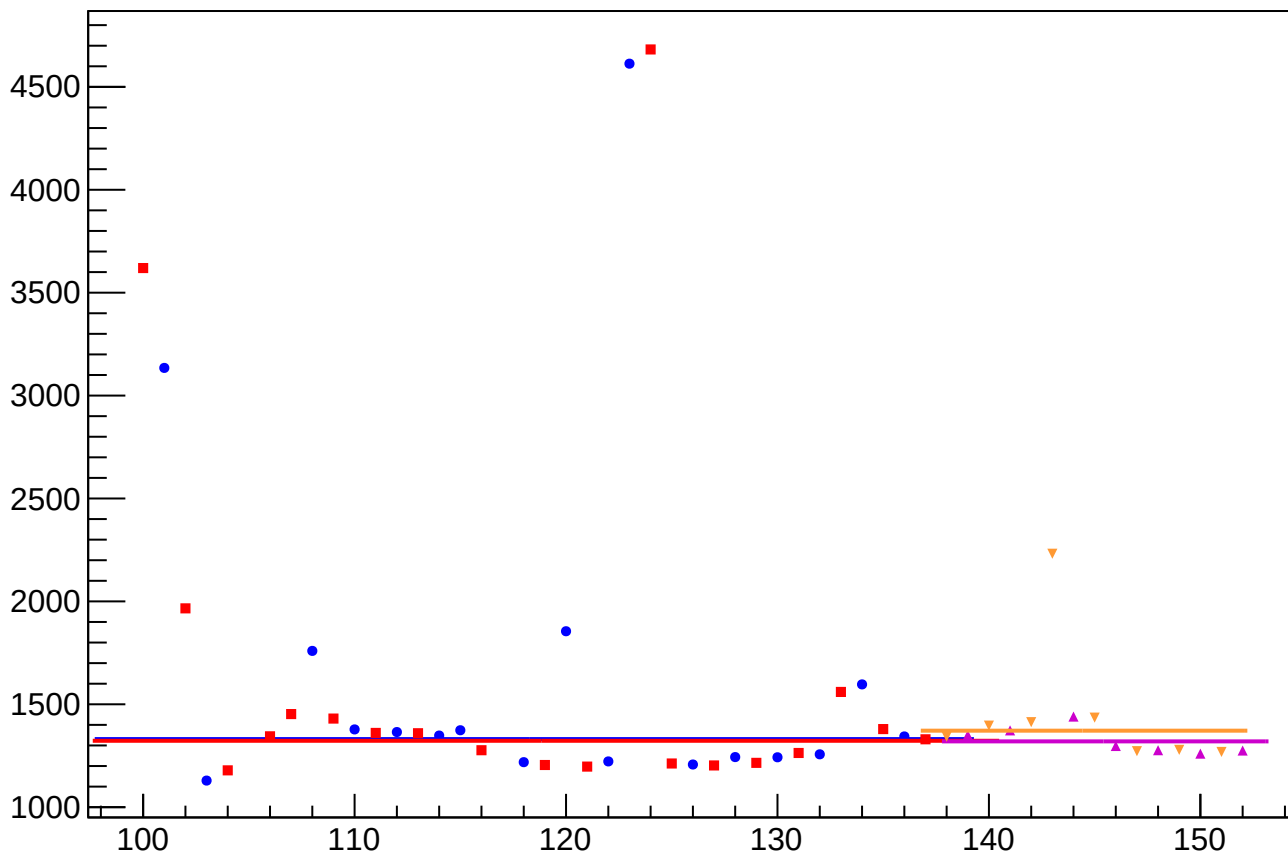
Right: -154.107 ± 366.889 $\chi^2/\text{NDF}: 36.8/35$

In: -15.817 ± 380.534 $\chi^2/\text{NDF}: 22.5/23$

Out: -438.289 ± 382.508 $\chi^2/\text{NDF}: 32.4/26$

All: -225.961 ± 269.773 $\chi^2/\text{NDF}: 55.5/50$

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: 1371.792+/-0.409 χ^2/NDF : 229796.4/7

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: 1344.449+/-0.281 χ^2/NDF : 261800.8/14

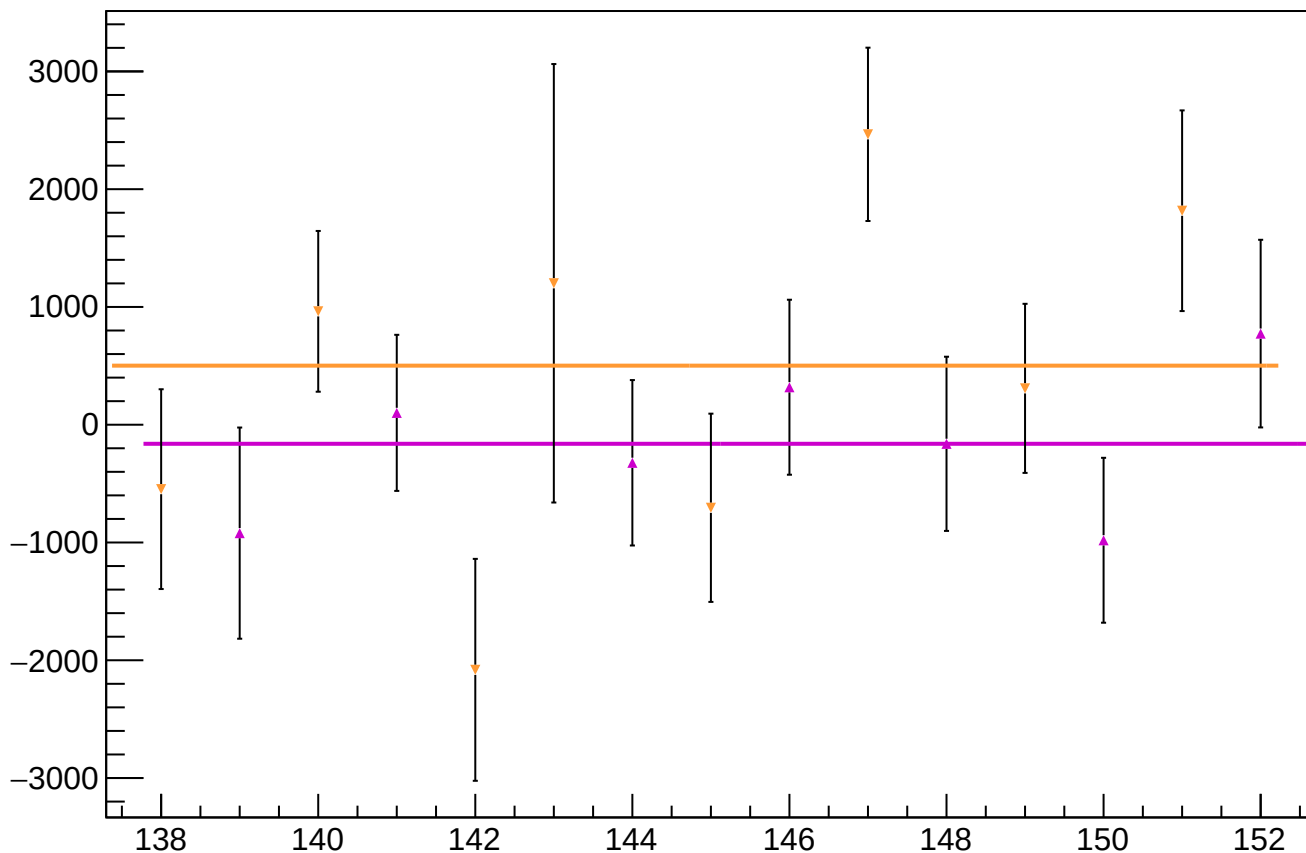
Right: 1326.657+/-0.259 χ^2/NDF : 998136.6/35

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

Out: 1344.201+/-0.270 χ^2/NDF : 632317.2/26

All: 1334.830+/-0.191 χ^2/NDF : 1262097.6/50

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: 501.631+/-292.572 χ^2/NDF : 21.5/7

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: 154.657+/-202.085 χ^2/NDF : 28.3/14

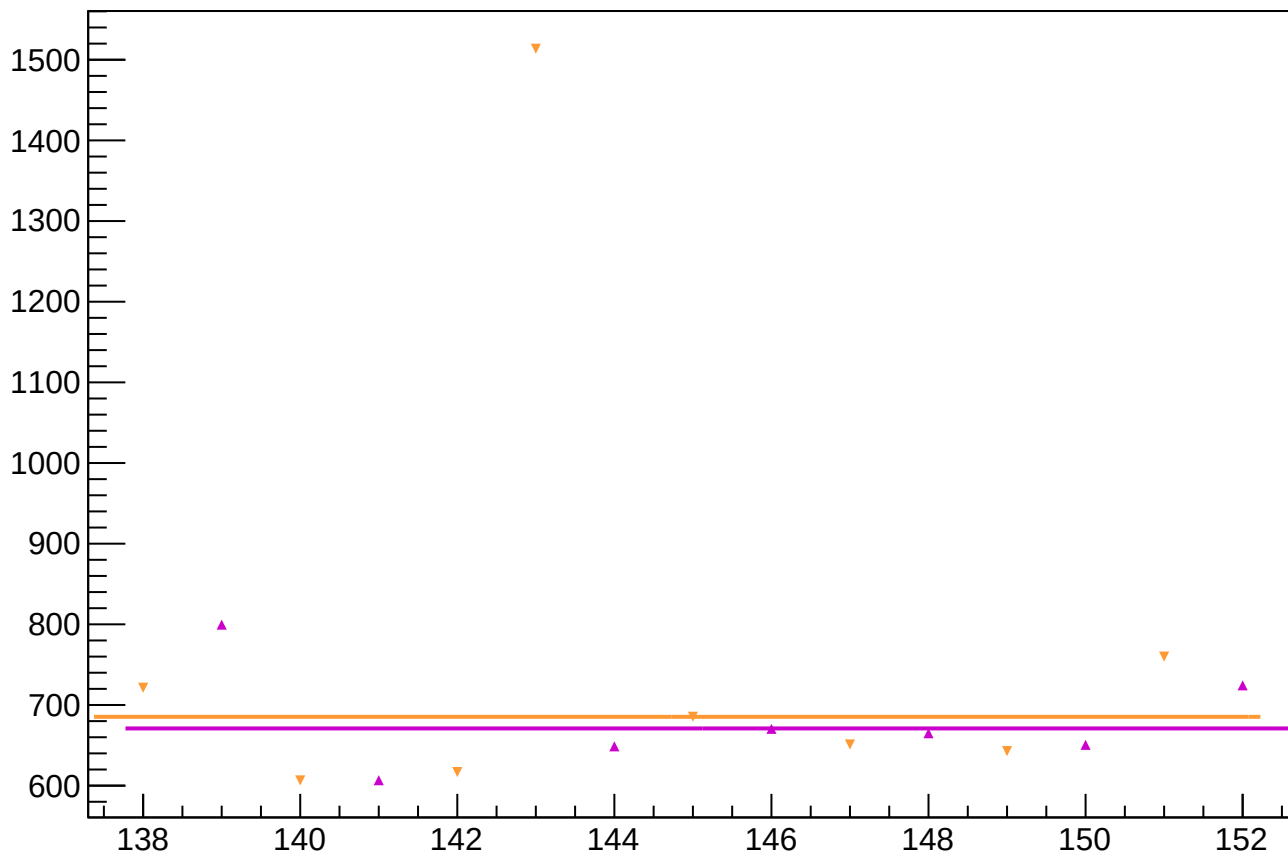
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 501.631+/-292.572 χ^2/NDF : 21.5/7

All: 154.657+/-202.085 χ^2/NDF : 28.3/14

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: 685.327+/-0.207 χ^2/NDF :463533.3/7

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: 677.800+/-0.143 χ^2/NDF : 538852.5/14

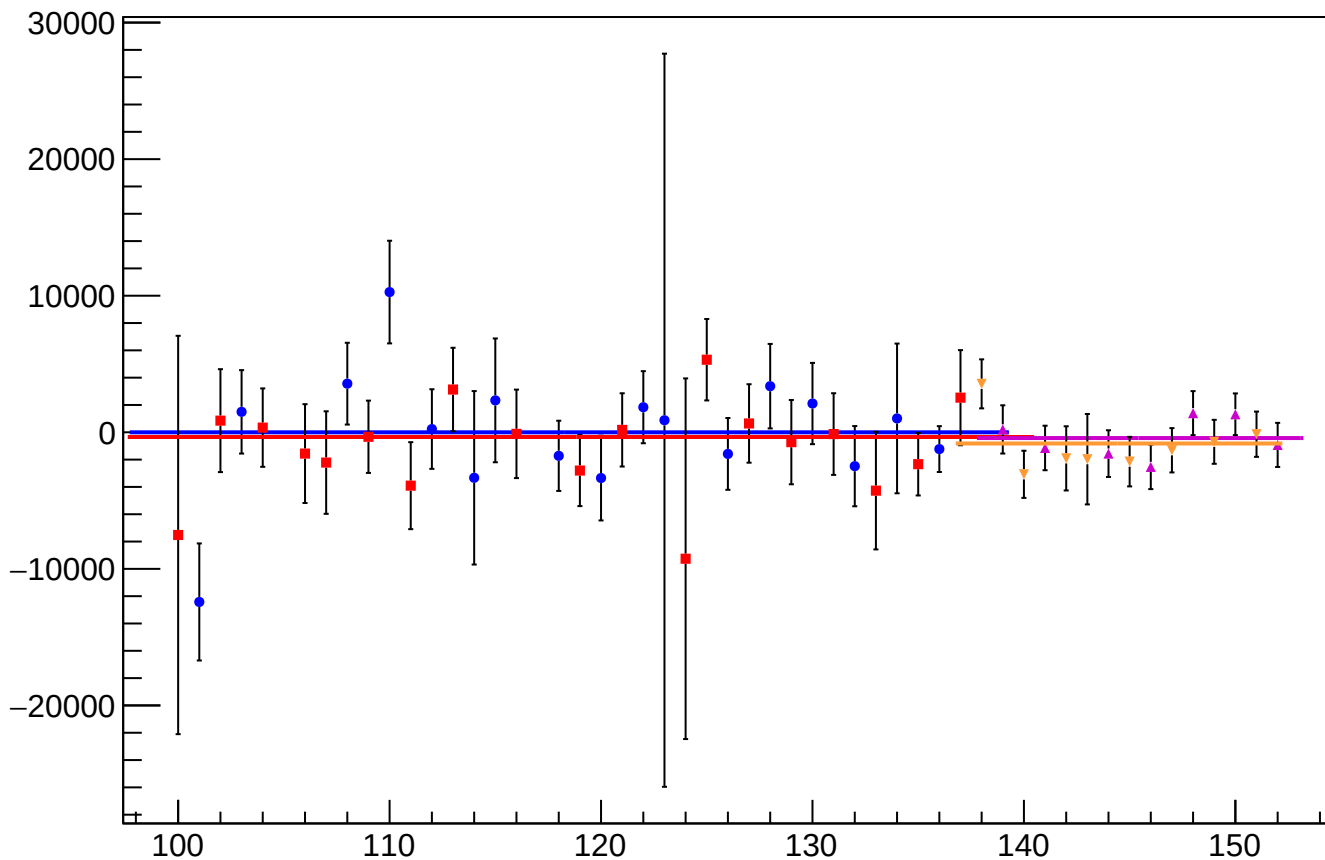
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 685.327+/-0.207 χ^2/NDF :463533.3/7

All: 677.800+/-0.143 χ^2/NDF : 538852.5/14

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: -820.725 ± 651.976 χ^2/NDF : 8.8/7

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: -610.964 ± 448.728 χ^2/NDF : 14.1/14

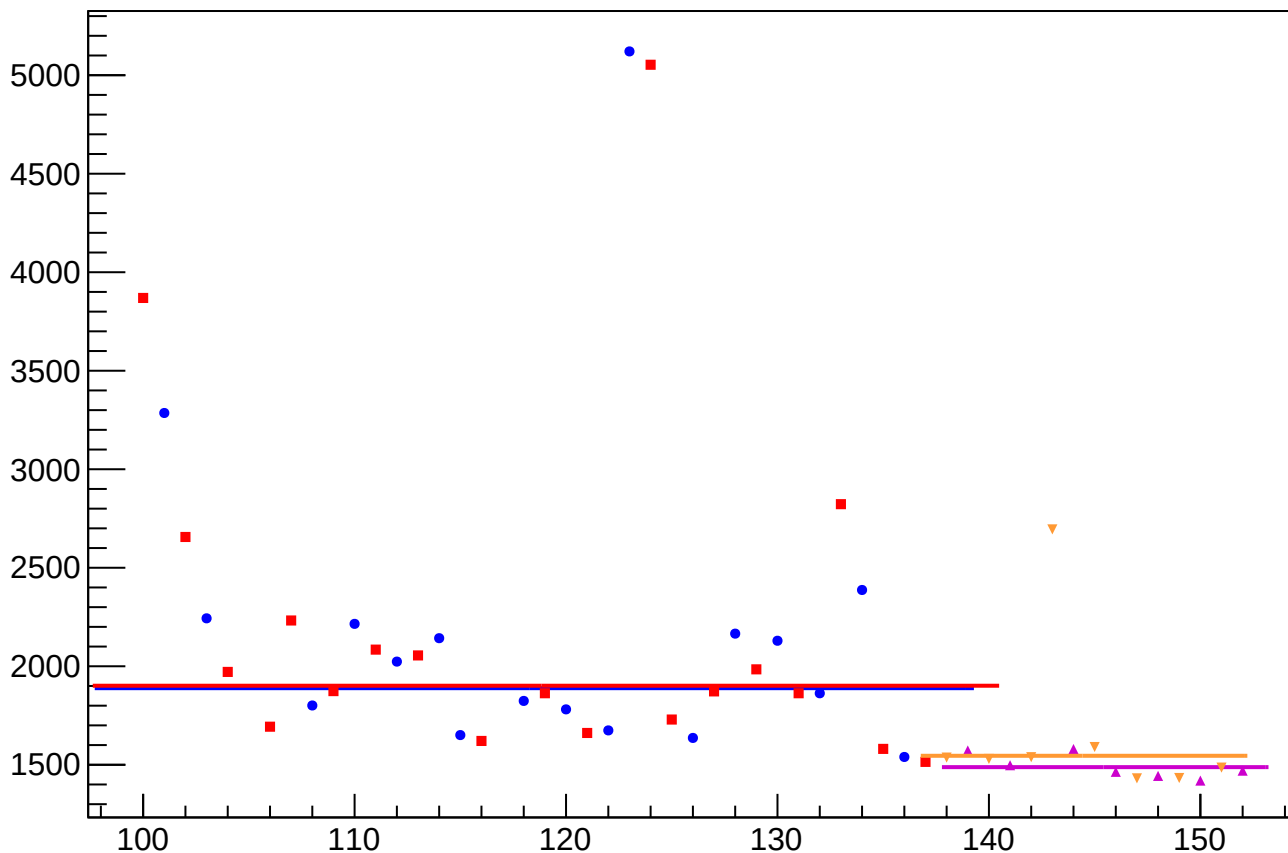
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

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

Out: -610.895 ± 487.366 χ^2/NDF : 19.7/26

All: -426.576 ± 340.497 χ^2/NDF : 48.8/50

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: 1545.660+/-0.461 χ^2/NDF : 264702.4/7

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: 1515.339+/-0.317 χ^2/NDF : 289560.7/14

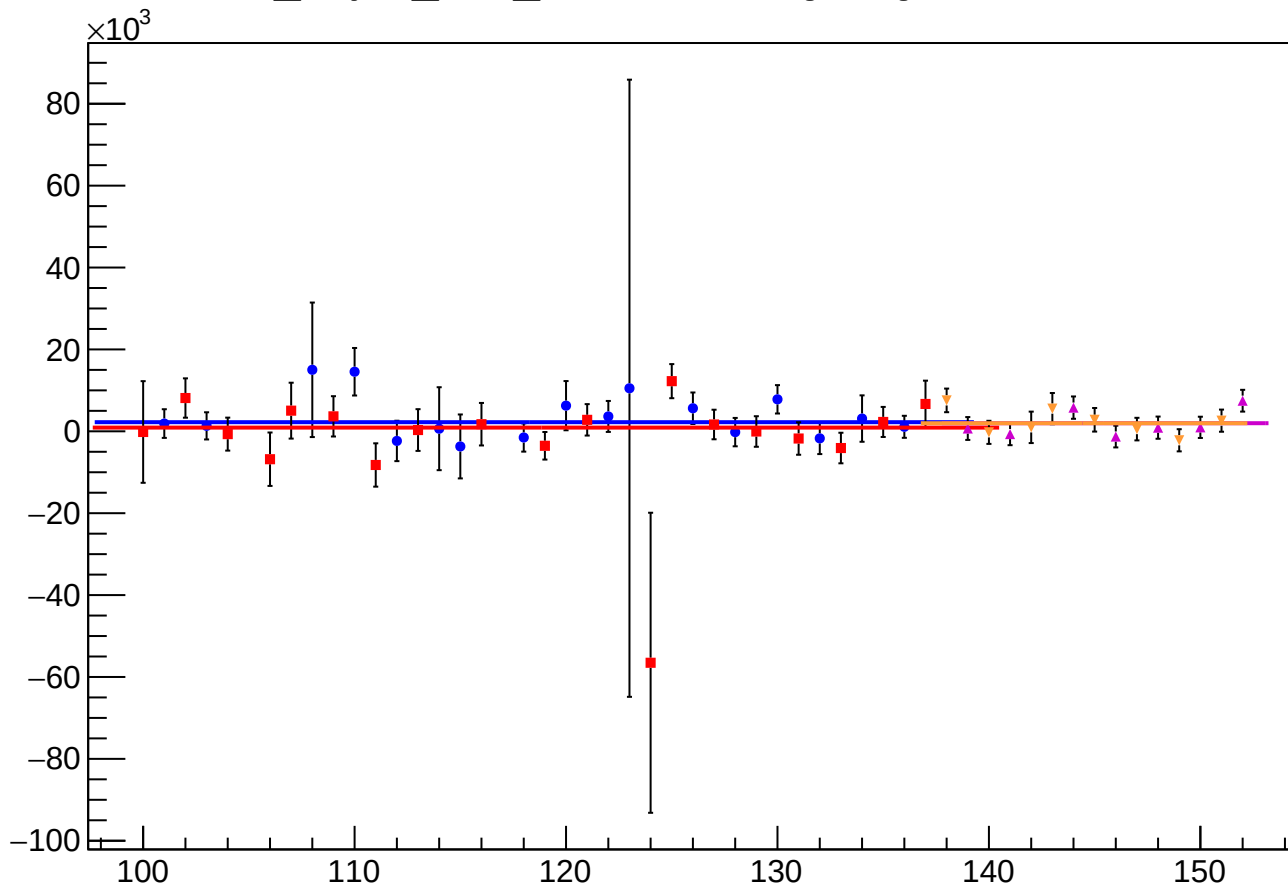
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

In: 1651.562+/-0.337 χ^2/NDF : 825046.3/23

Out: 1702.552+/-0.345 χ^2/NDF : 988617.4/26

All: 1676.451+/-0.241 χ^2/NDF : 1824870.3/50

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517 $\pm$ 1039.288 χ^2 /NDF: 13.6/16

Left Out: 1970.855 $\pm$ 1049.500 χ^2 /NDF:8.1/7

Right Out: 907.837 $\pm$ 1046.878 χ^2 /NDF: 22.9/18

Left In: 1980.855 $\pm$ 1016.992 χ^2 /NDF:9.2/6

Left: 1976.012 $\pm$ 730.344 χ^2 /NDF: 17.3/14

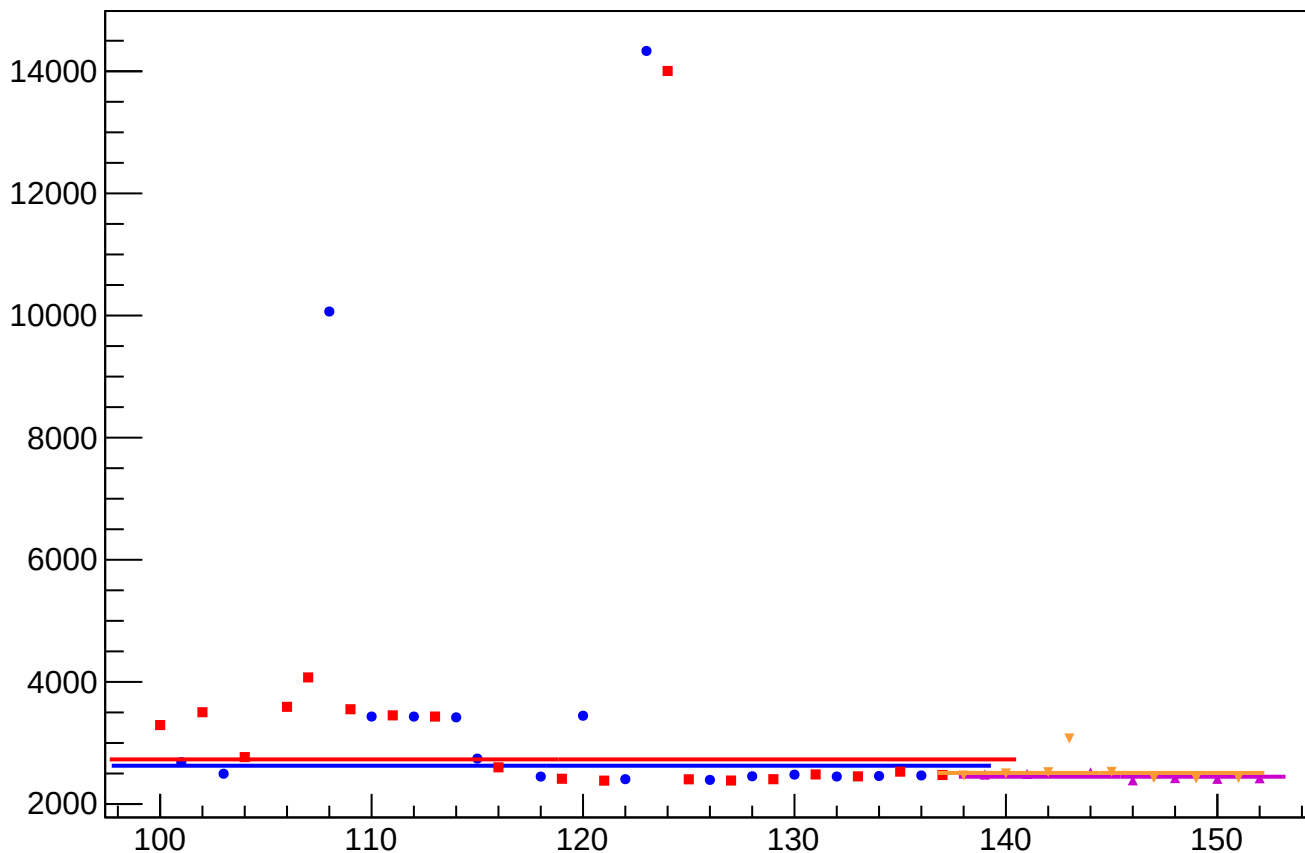
Right: 1572.479 $\pm$ 737.556 χ^2 /NDF: 37.3/35

In: 2101.512 $\pm$ 726.877 χ^2 /NDF:22.8/23

Out: 1438.017 $\pm$ 741.180 χ^2 /NDF:31.5/26

All: 1776.228 $\pm$ 518.962 χ^2 /NDF: 54.7/50

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF : 644396.7/16

Left Out: 2509.623+/-0.742 χ^2/NDF : 50485.7/7

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: 2477.580+/-0.516 χ^2/NDF : 57987.2/14

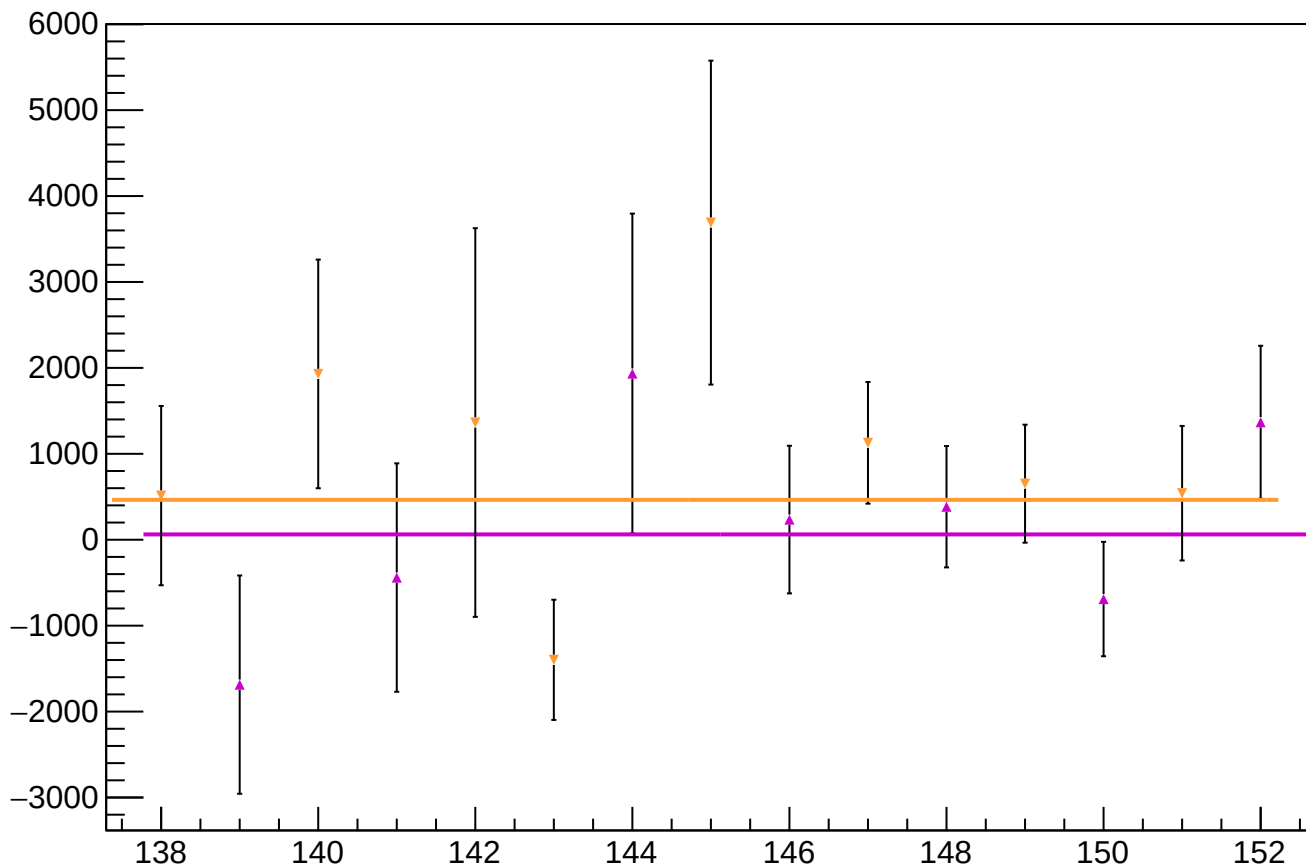
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

In: 2535.578+/-0.514 χ^2/NDF : 678957.2/23

Out: 2620.724+/-0.524 χ^2/NDF : 693407.7/26

All: 2577.322+/-0.367 χ^2/NDF : 1385819.1/50

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 464.314+/-320.226 χ^2/NDF :12.4/7

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: 278.772+/-235.019 χ^2/NDF : 19.8/14

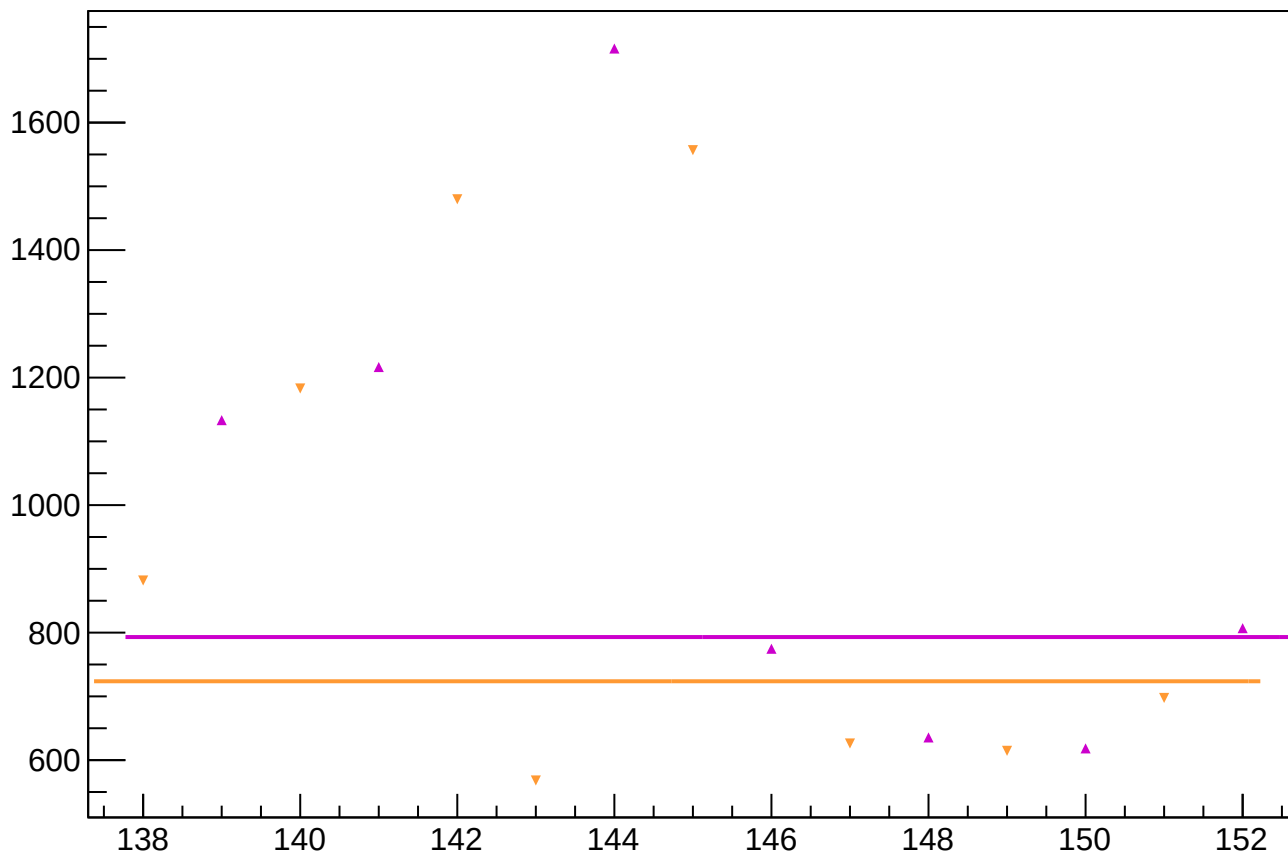
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.156+/-346.004 χ^2/NDF :6.7/6

Out: 464.314+/-320.226 χ^2/NDF :12.4/7

All: 278.772+/-235.019 χ^2/NDF : 19.8/14

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 723.690+/-0.226 χ^2/NDF :1087907.4/7

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: 755.690+/-0.166 χ^2/NDF : 2207885.8/14

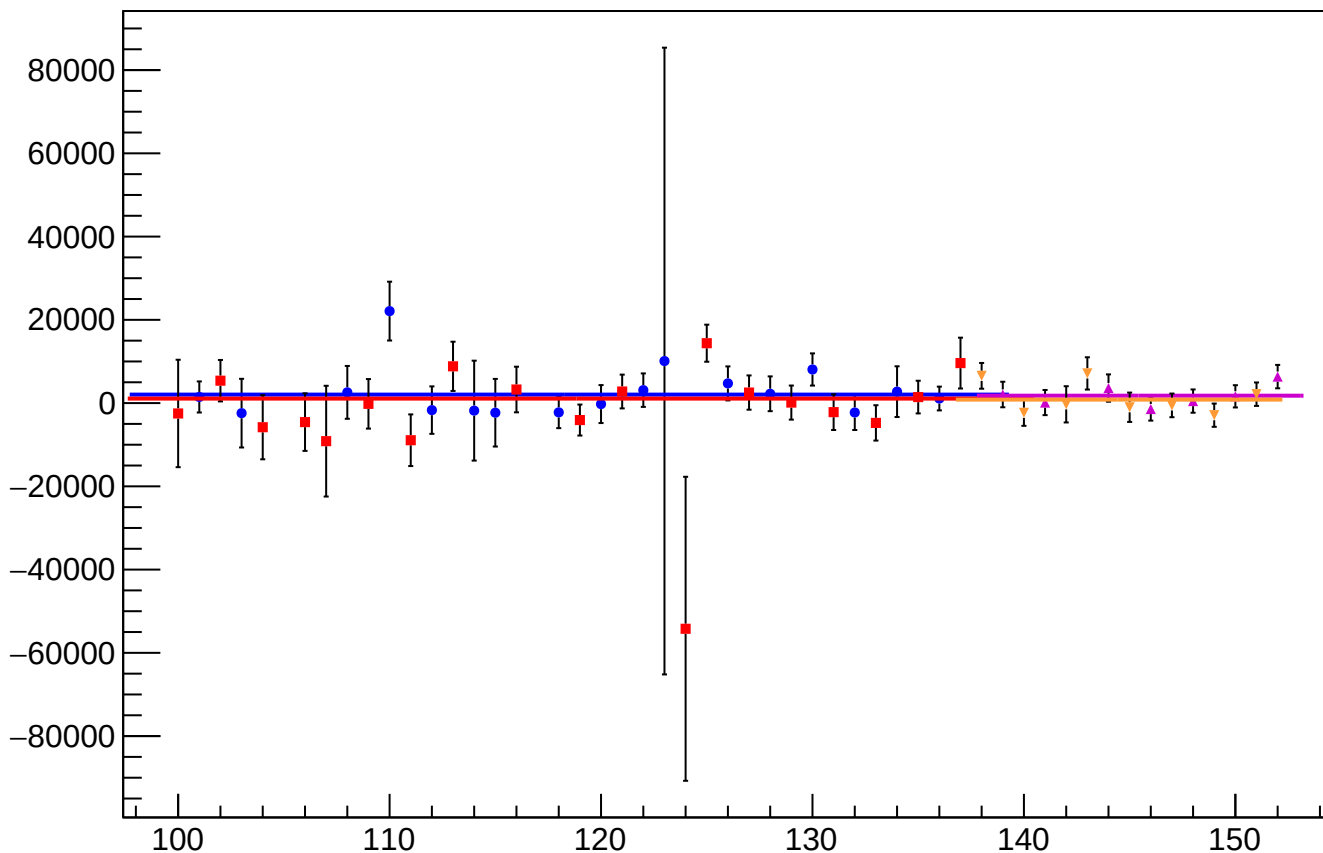
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 793.048+/-0.245 χ^2/NDF :1076691.0/6

Out: 723.690+/-0.226 χ^2/NDF :1087907.4/7

All: 755.690+/-0.166 χ^2/NDF : 2207885.8/14

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16

Left Out: 832.637+/-1128.993 χ^2/NDF : 9.7/7

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: 1319.227+/-786.338 χ^2/NDF : 14.8/14

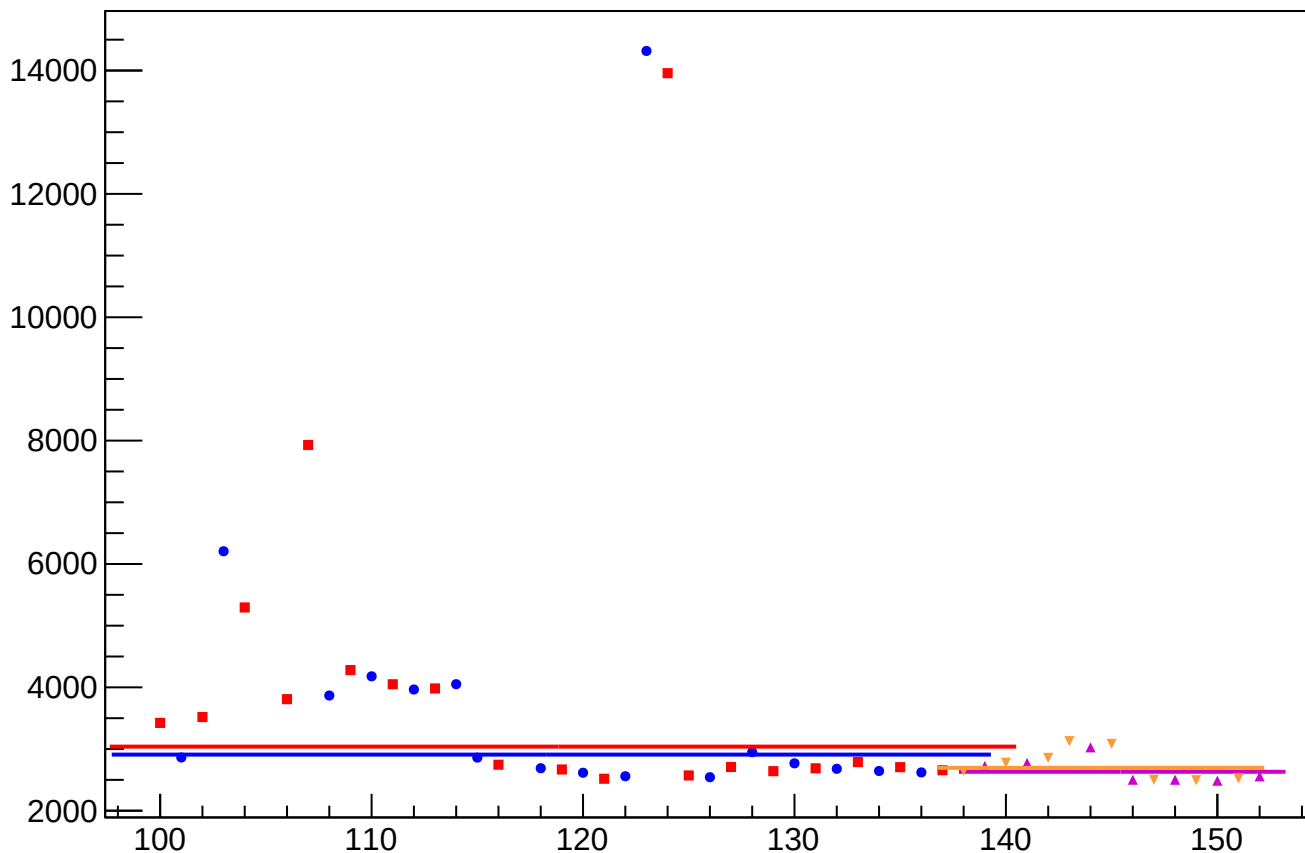
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

In: 1901.305+/-793.800 χ^2/NDF : 19.7/23

Out: 950.221+/-817.948 χ^2/NDF : 35.0/26

All: 1440.009+/-569.647 χ^2/NDF : 55.4/50

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF : 641894.7/16

Left Out: 2695.301+/-0.798 χ^2/NDF : 81001.7/7

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: 2662.295+/-0.556 χ^2/NDF : 135586.0/14

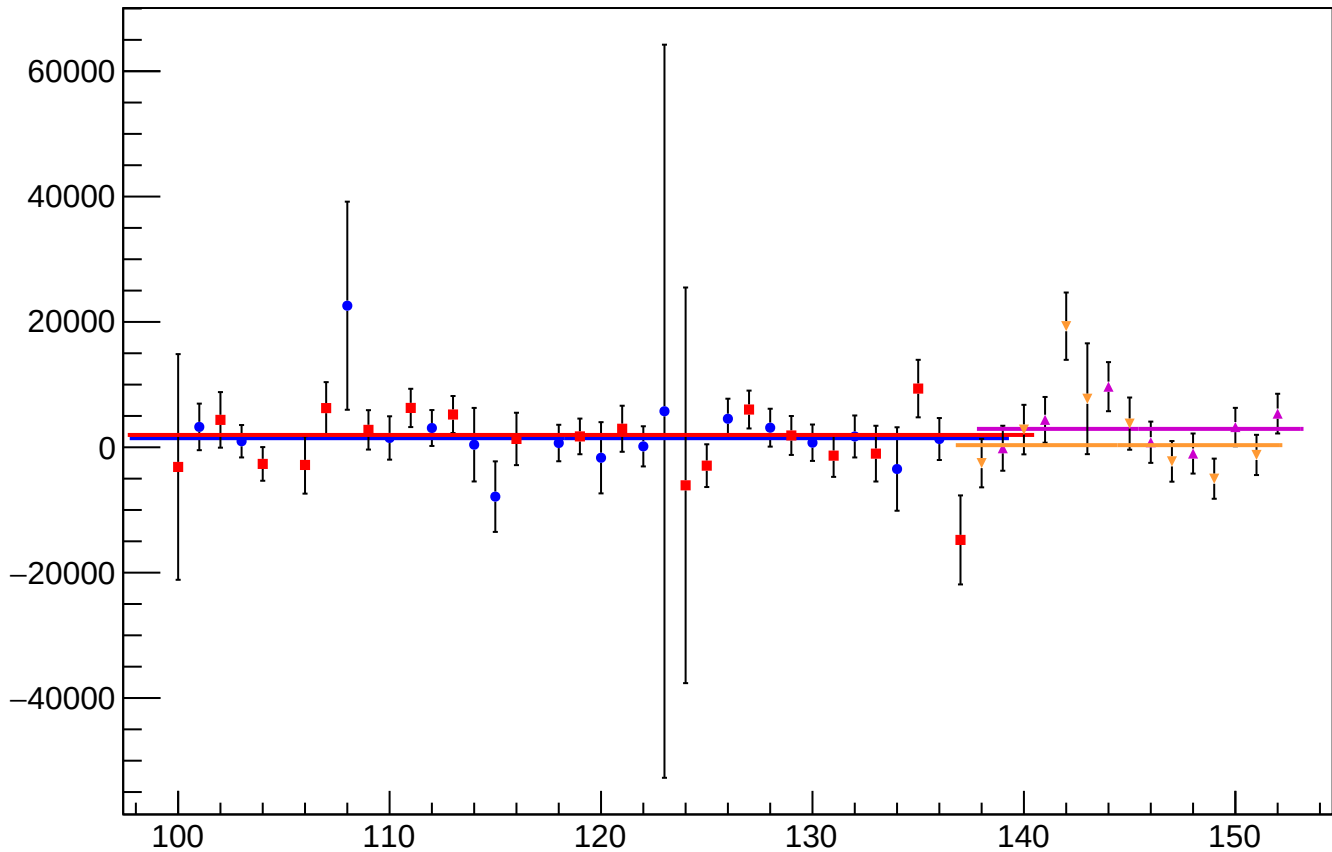
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

In: 2763.582+/-0.561 χ^2/NDF : 754569.3/23

Out: 2858.652+/-0.578 χ^2/NDF : 1180432.7/26

All: 2809.693+/-0.403 χ^2/NDF : 1948915.9/50

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980 $\pm$ 889.008 χ^2 /NDF: 7.4/16

Left Out: 341.222 $\pm$ 1379.402 χ^2 /NDF:18.5/7

Right Out: 1969.182 $\pm$ 850.490 χ^2 /NDF: 22.4/18

Left In: 2935.833 $\pm$ 1275.828 χ^2 /NDF:6.4/6

Left: 1739.584 $\pm$ 936.625 χ^2 /NDF: 26.8/14

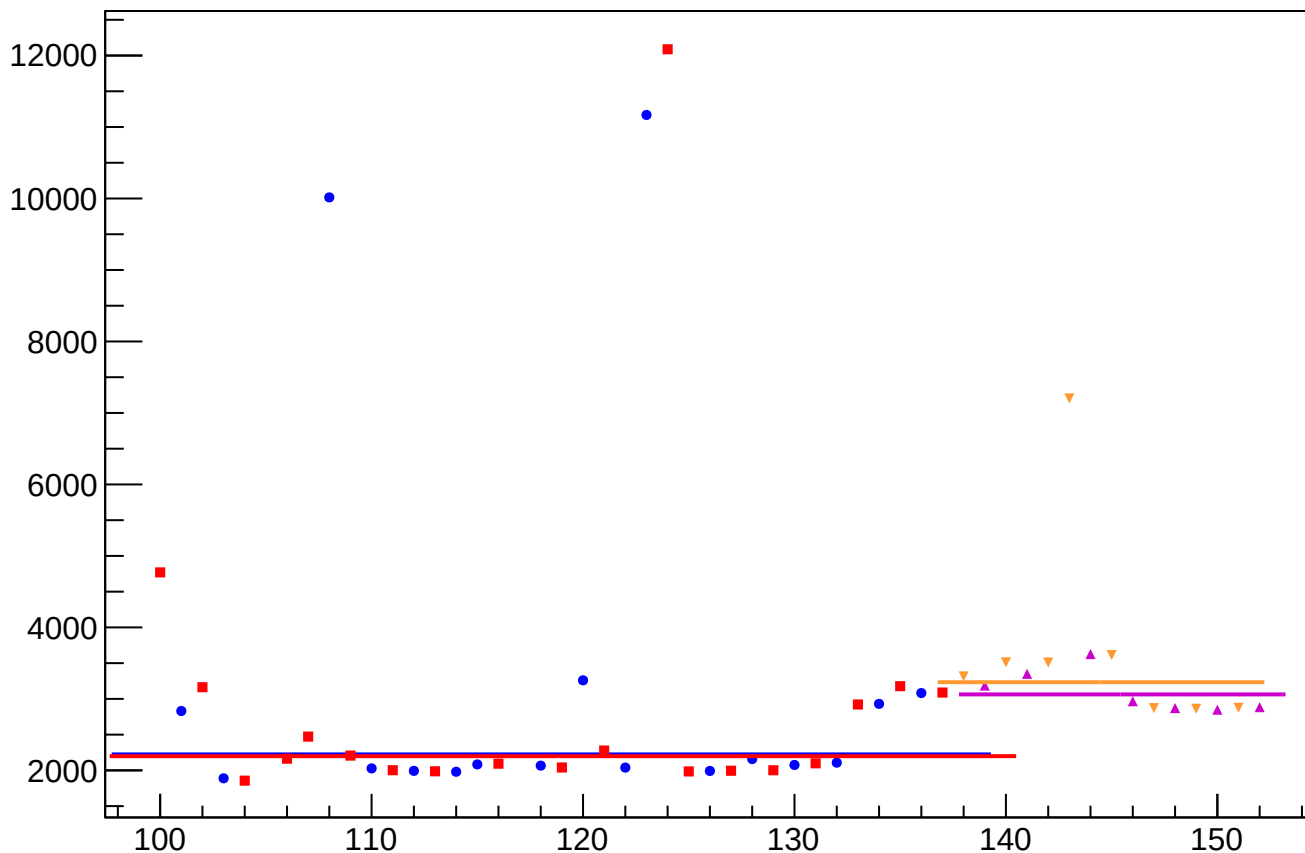
Right: 1722.028 $\pm$ 614.553 χ^2 /NDF: 30.0/35

In: 1936.970 $\pm$ 729.396 χ^2 /NDF:14.7/23

Out: 1520.773 $\pm$ 723.946 χ^2 /NDF:41.9/26

All: 1727.311 $\pm$ 513.823 χ^2 /NDF: 56.7/50

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 $\pm$ 0.629 χ^2 /NDF: 850289.4/16

Left Out: 3233.487 $\pm$ 0.975 χ^2 /NDF: 512732.8/7

Right Out: 2198.760 $\pm$ 0.601 χ^2 /NDF: 602418.1/18

Left In: 3062.801 $\pm$ 0.902 χ^2 /NDF: 81343.8/6

Left: 3141.496 $\pm$ 0.662 χ^2 /NDF: 610580.6/14

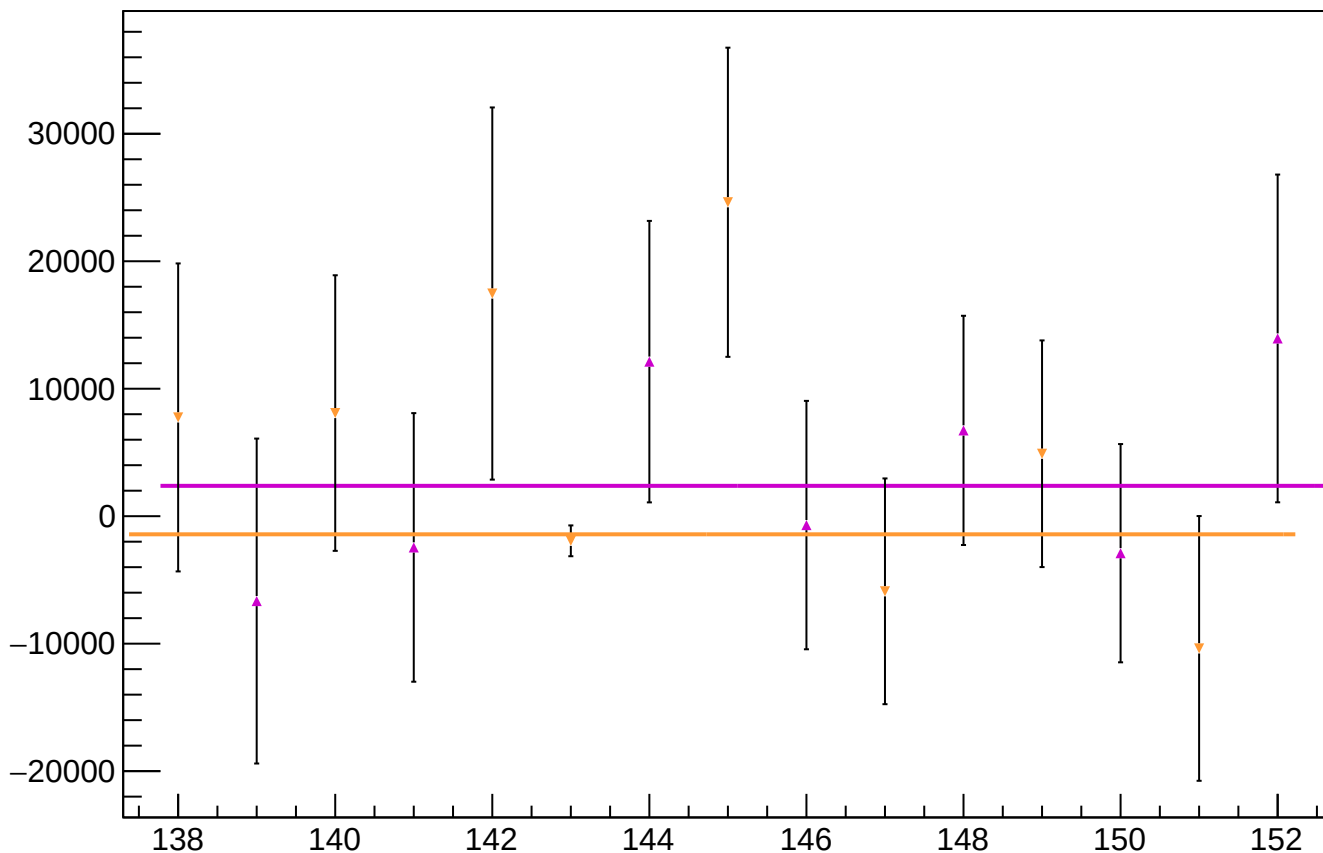
Right: 2210.398 $\pm$ 0.434 χ^2 /NDF: 1453492.9/35

In: 2497.574 $\pm$ 0.516 χ^2 /NDF: 1514779.9/23

Out: 2483.468 $\pm$ 0.512 χ^2 /NDF: 1930880.9/26

All: 2490.464 $\pm$ 0.363 χ^2 /NDF: 3446037.8/50

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1421.194+/-1157.717 χ^2/NDF :9.3/7

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: -1112.305+/-1109.699 χ^2/NDF : 13.2/14

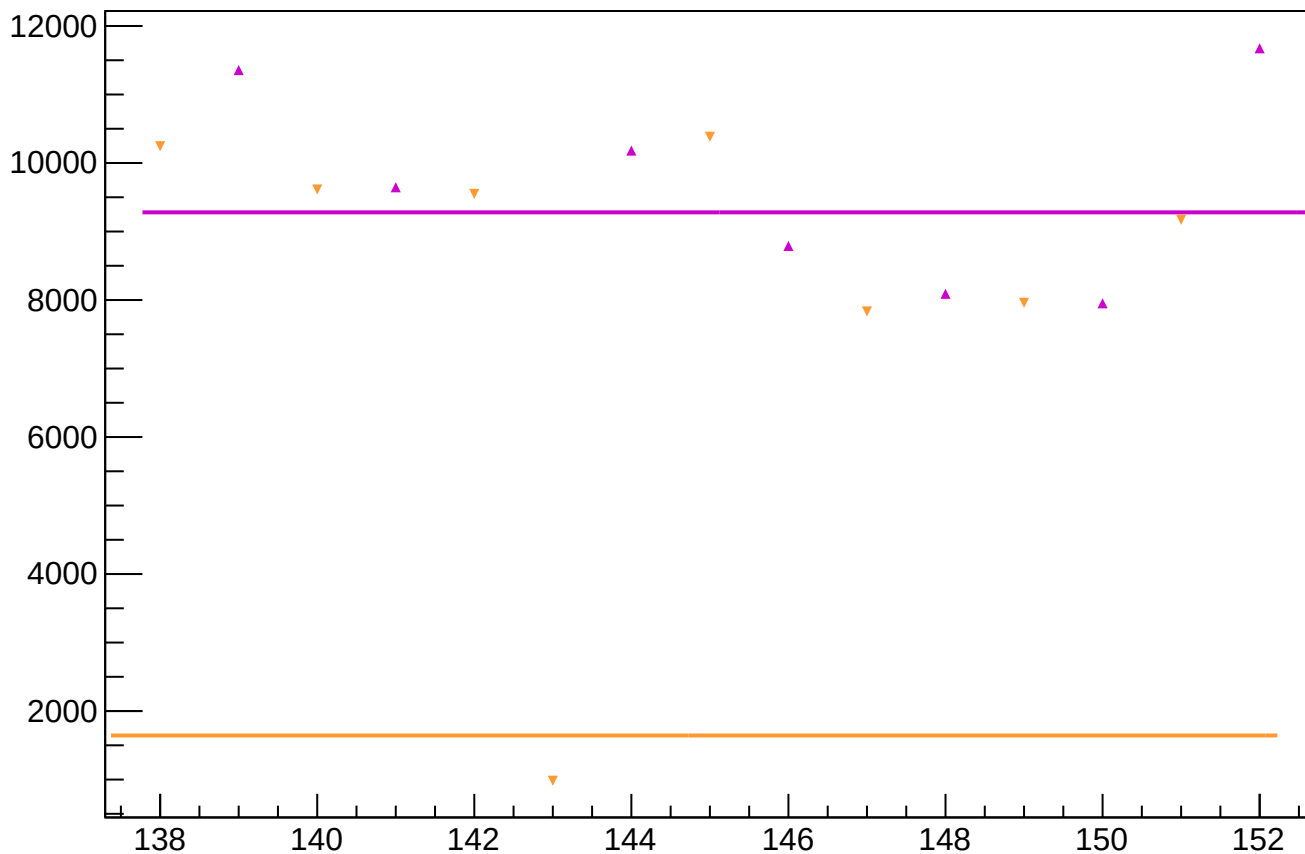
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2381.372+/-3893.516 χ^2/NDF :3.0/6

Out: -1421.194+/-1157.717 χ^2/NDF :9.3/7

All: -1112.305+/-1109.699 χ^2/NDF : 13.2/14

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1643.585+/-0.819 χ^2/NDF : 7361244.4/7

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: 2263.879+/-0.785 χ^2/NDF : 14655580.6/14

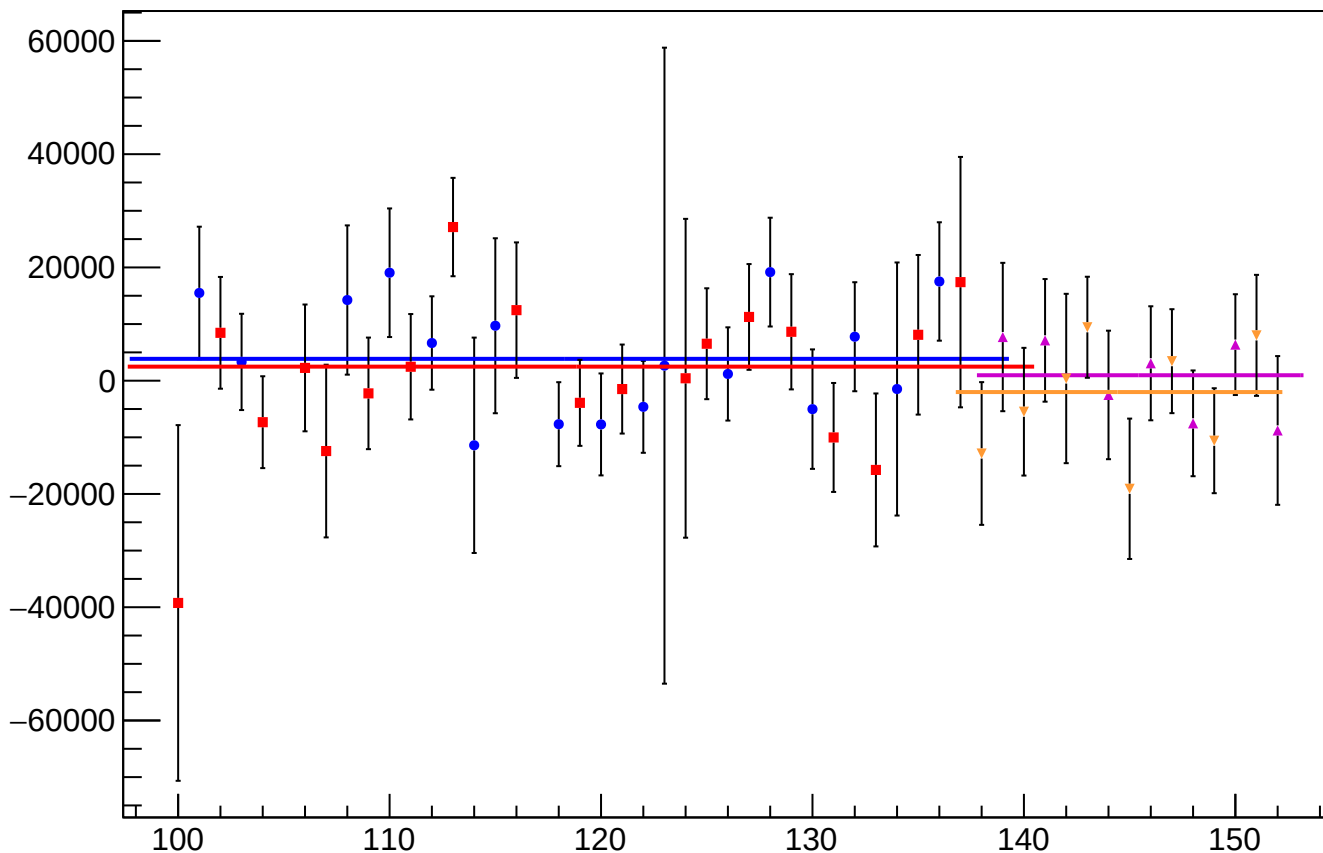
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9279.676+/-2.753 χ^2/NDF : 226374.2/6

Out: 1643.585+/-0.819 χ^2/NDF : 7361244.4/7

All: 2263.879+/-0.785 χ^2/NDF : 14655580.6/14

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2/NDF : 14.8/16

Left Out: -2005.973 $\pm$ 3780.005 χ^2/NDF : 6.5/7

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: -612.314 $\pm$ 2753.768 χ^2/NDF : 9.3/14

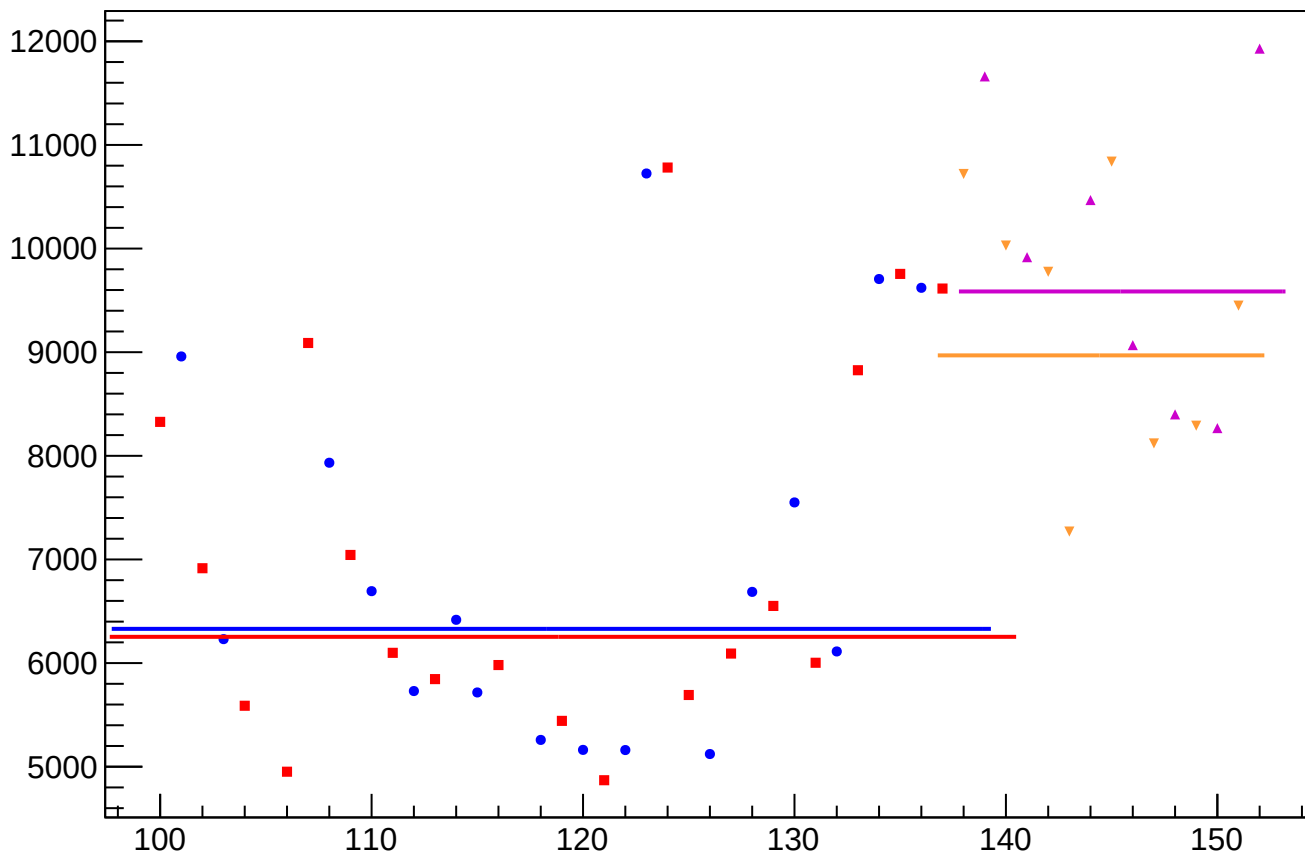
Right: 3146.972 $\pm$ 1742.228 χ^2/NDF : 35.0/35

In: 3048.075 $\pm$ 2128.311 χ^2/NDF : 17.6/23

Out: 1176.935 $\pm$ 2038.884 χ^2/NDF : 27.5/26

All: 2072.369 $\pm$ 1472.308 χ^2/NDF : 45.6/50

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 8969.321+/-2.673 χ^2/NDF : 212124.5/7

Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

Left In: 9585.997+/-2.842 χ^2/NDF : 209294.4/6

Left: 9258.711+/-1.947 χ^2/NDF : 446398.5/14

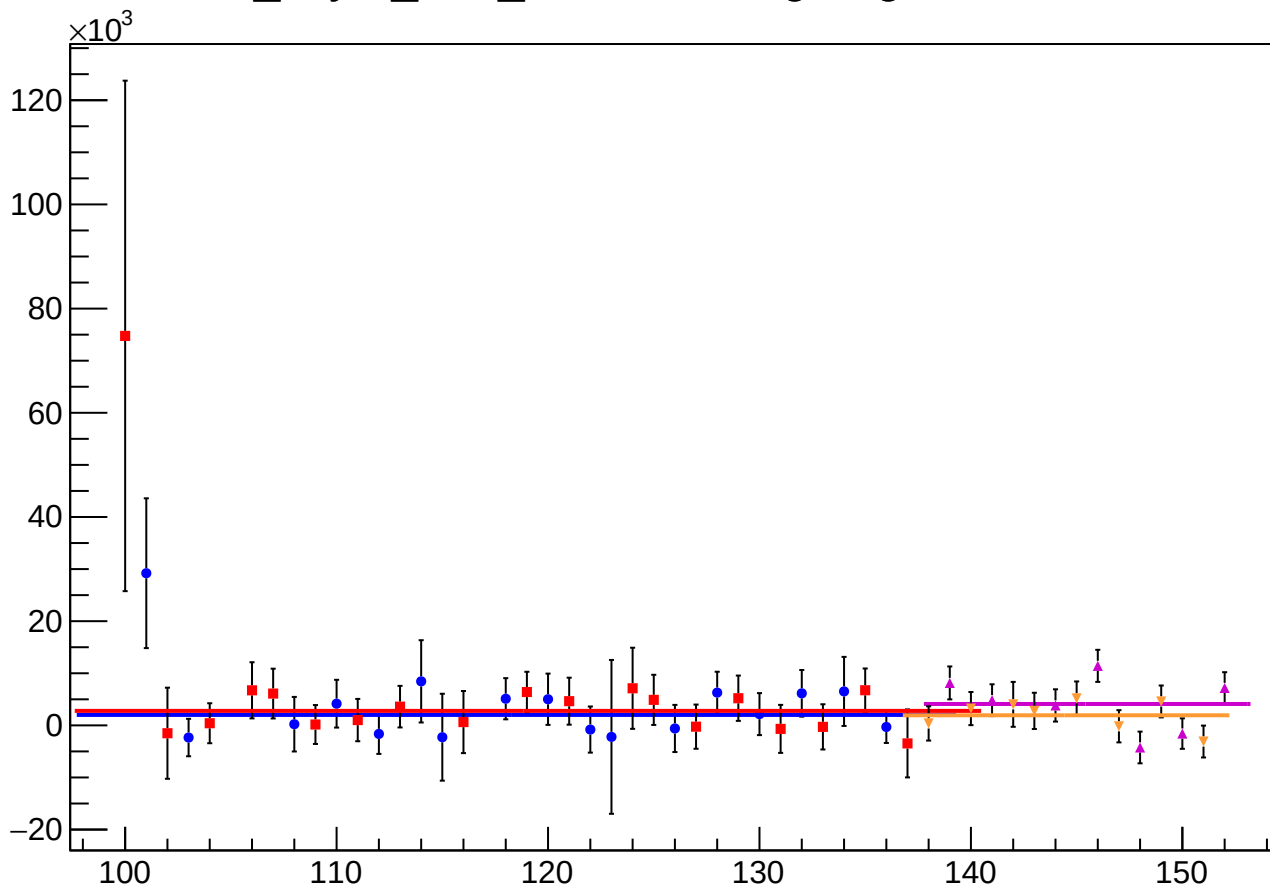
Right: 6290.444+/-1.232 χ^2/NDF : 1129725.5/35

In: 7242.899+/-1.505 χ^2/NDF : 1746832.8/23

Out: 7043.463+/-1.442 χ^2/NDF : 1479626.0/26

All: 7138.900+/-1.041 χ^2/NDF : 3235616.7/50

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383 $\pm$ 1134.240 χ^2/NDF : 12.1/16

Left Out: 1934.910 $\pm$ 1161.804 χ^2/NDF : 5.6/7

Right Out: 2781.006 $\pm$ 1086.164 χ^2/NDF : 9.9/18

Left In: 4105.786 $\pm$ 1153.612 χ^2/NDF : 19.7/6

Left: 3028.028 $\pm$ 818.608 χ^2/NDF : 27.1/14

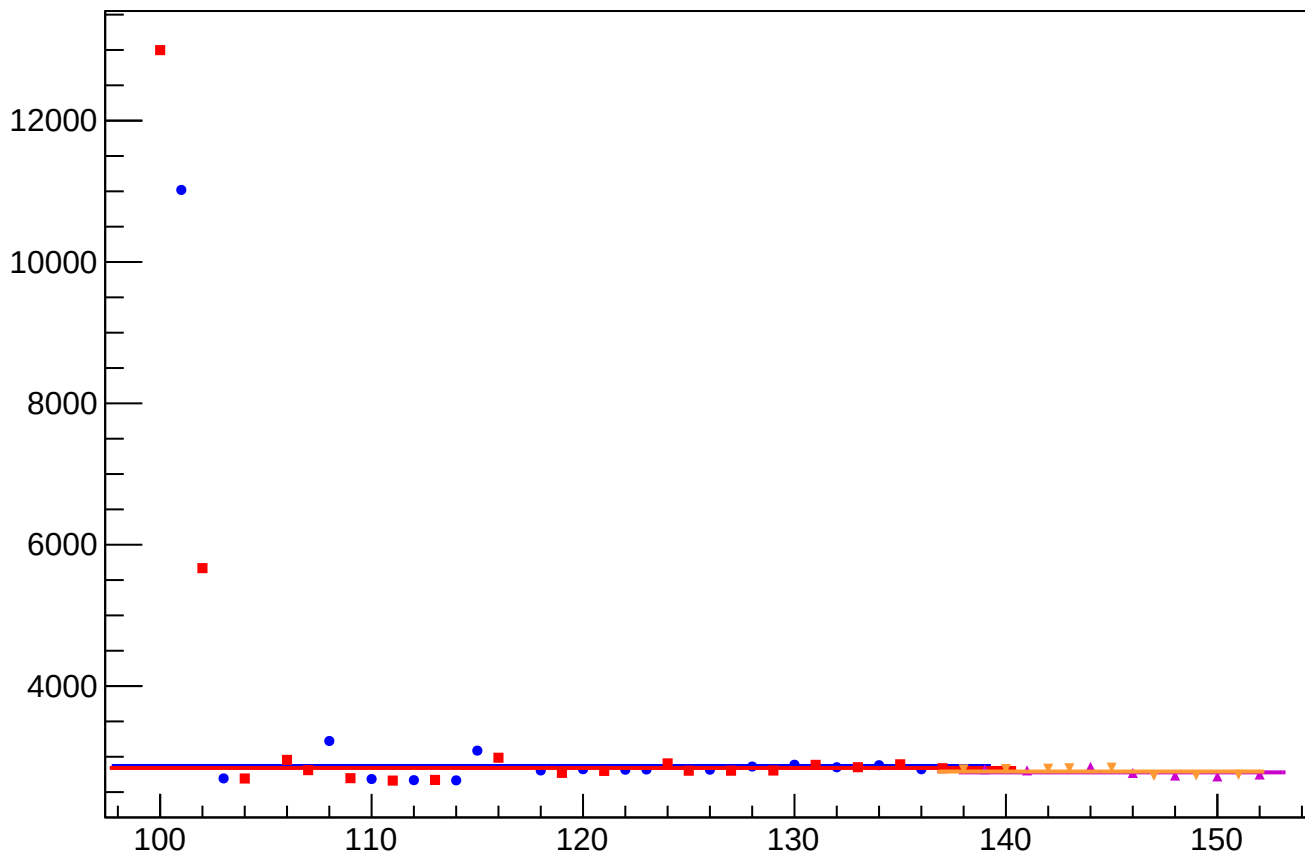
Right: 2409.980 $\pm$ 784.479 χ^2/NDF : 22.2/35

In: 3037.800 $\pm$ 808.791 χ^2/NDF : 33.4/23

Out: 2386.395 $\pm$ 793.428 χ^2/NDF : 15.8/26

All: 2705.852 $\pm$ 566.392 χ^2/NDF : 49.6/50

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2790.816+/-0.822 χ^2/NDF : 3449.1/7

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: 2784.883+/-0.579 χ^2/NDF : 6809.1/14

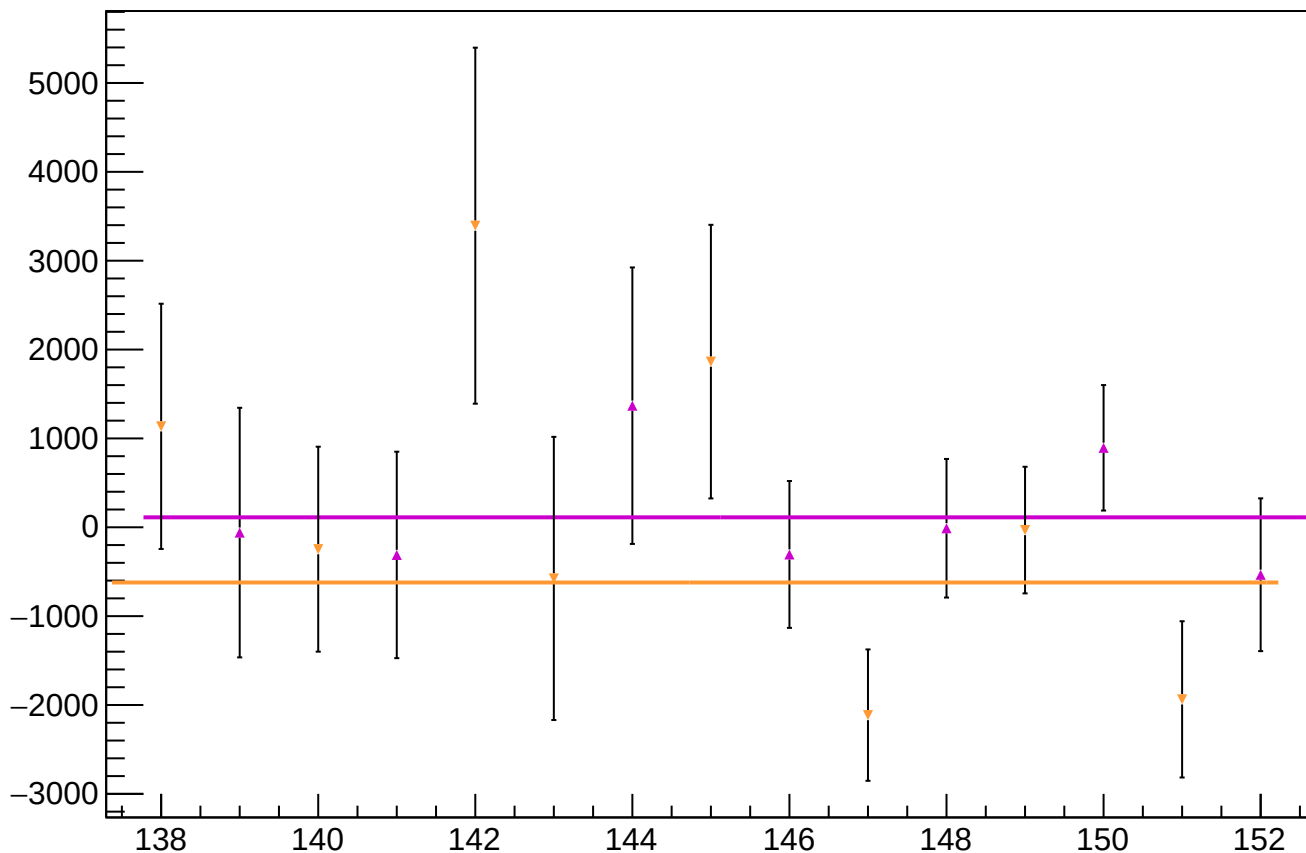
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2824.879+/-0.572 χ^2/NDF : 679368.9/23

Out: 2817.894+/-0.561 χ^2/NDF : 318008.1/26

All: 2821.319+/-0.400 χ^2/NDF : 997452.9/50

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -621.214+/-366.716 χ^2/NDF :15.4/7

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: -238.256+/-253.471 χ^2/NDF : 20.3/14

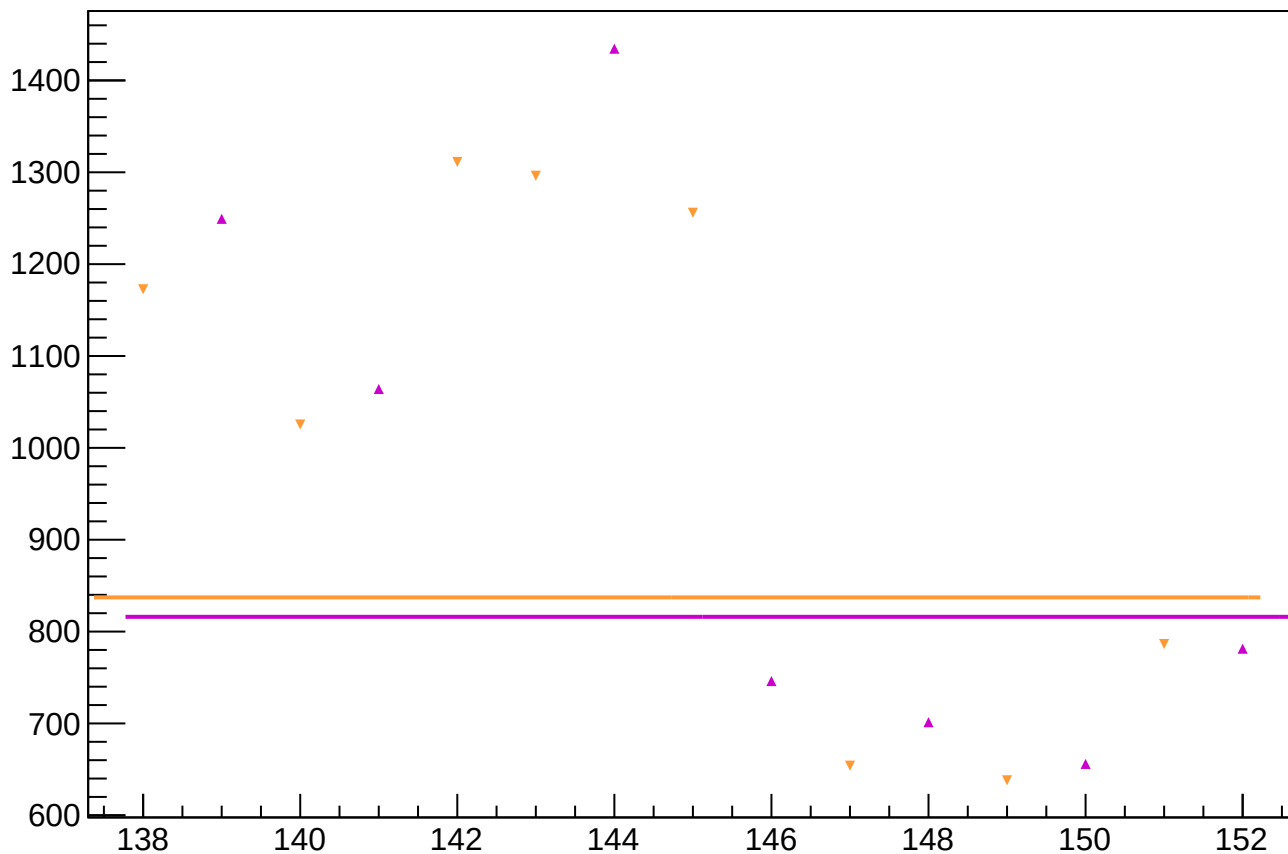
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 112.063+/-350.741 χ^2/NDF :2.9/6

Out: -621.214+/-366.716 χ^2/NDF :15.4/7

All: -238.256+/-253.471 χ^2/NDF : 20.3/14

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 837.208+/-0.259 χ^2/NDF :883166.1/7

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: 826.163+/-0.179 χ^2/NDF : 1648045.5/14

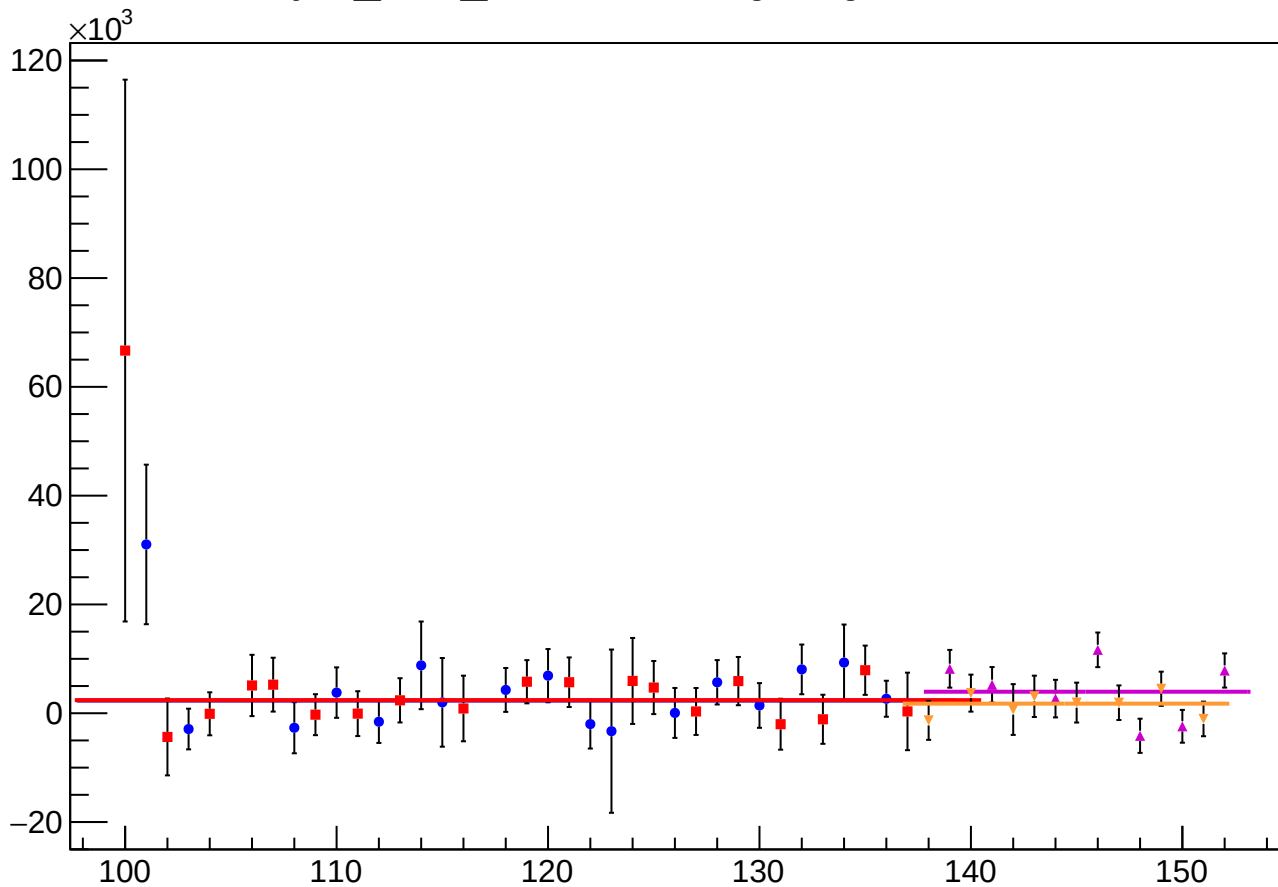
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 816.059+/-0.248 χ^2/NDF :761405.7/6

Out: 837.208+/-0.259 χ^2/NDF :883166.1/7

All: 826.163+/-0.179 χ^2/NDF : 1648045.5/14

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16

Left Out: 1764.876+/-1237.358 χ^2/NDF : 2.8/7

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: 2874.828+/-868.562 χ^2/NDF : 24.6/14

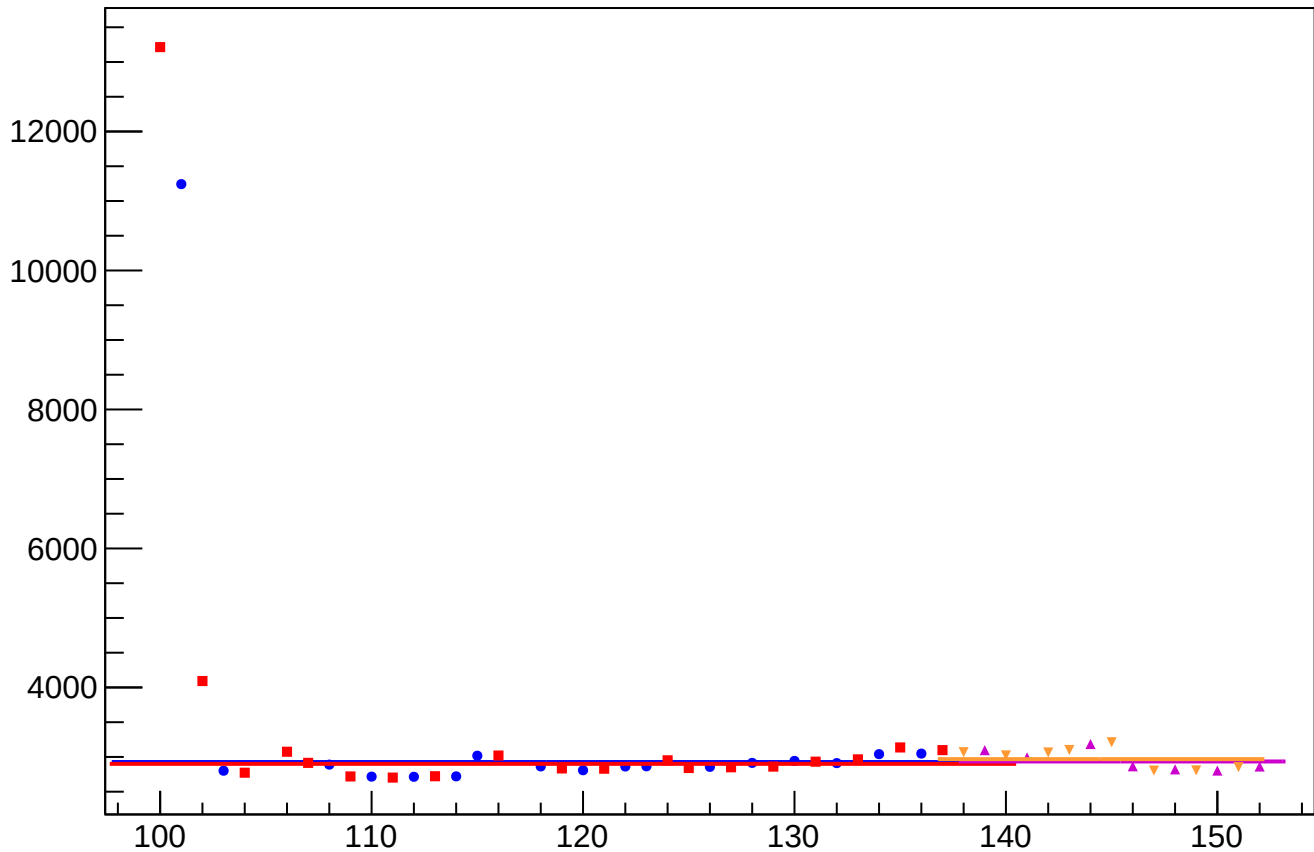
Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35

In: 3098.592+/-839.178 χ^2/NDF : 35.6/23

Out: 2118.847+/-826.296 χ^2/NDF : 13.0/26

All: 2601.142+/-588.781 χ^2/NDF : 49.3/50

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 2968.363+/-0.875 χ^2/NDF : 27380.3/7

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: 2951.393+/-0.614 χ^2/NDF : 52149.3/14

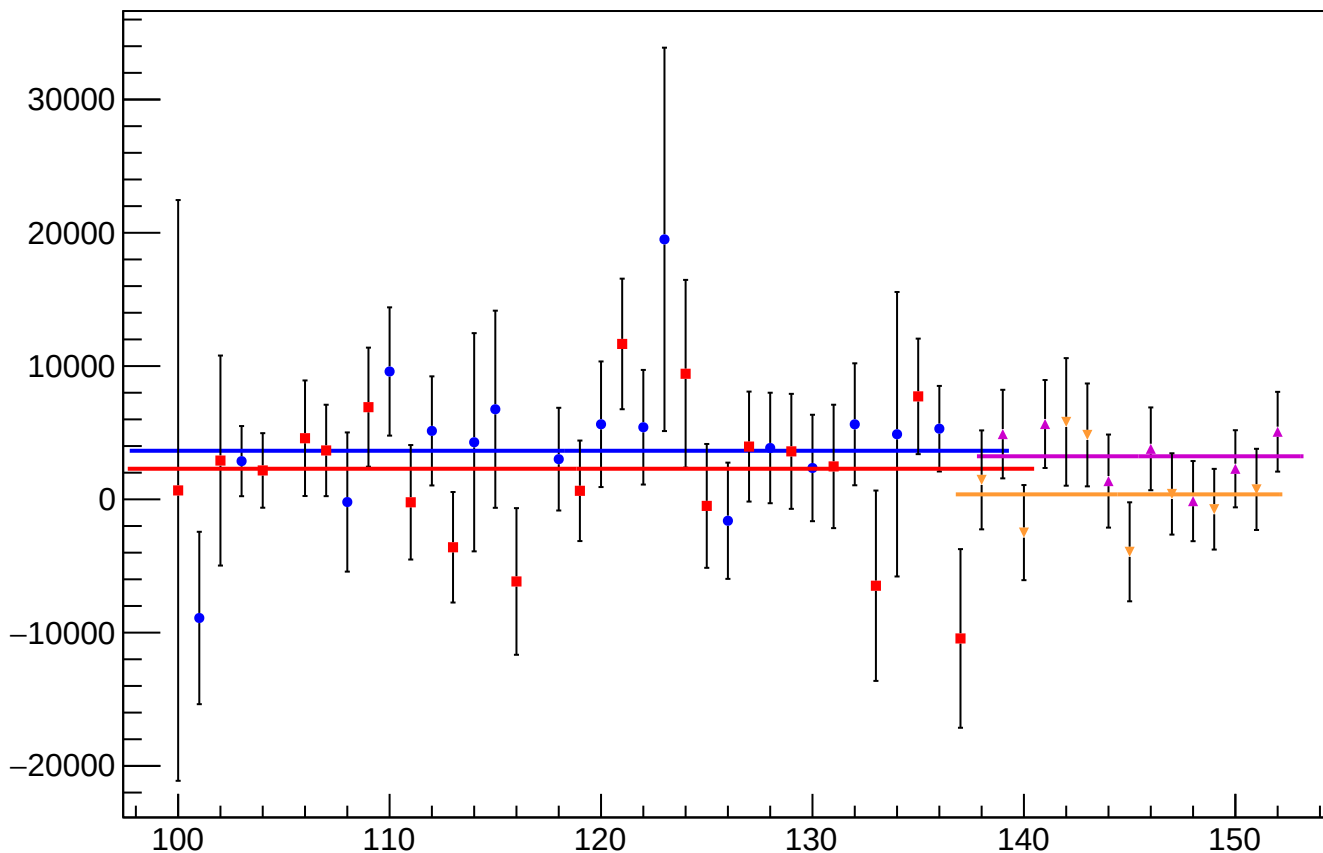
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2930.541+/-0.593 χ^2/NDF : 686870.6/23

Out: 2930.944+/-0.584 χ^2/NDF : 200547.9/26

All: 2930.745+/-0.416 χ^2/NDF : 887418.8/50

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2/NDF : 9.9/16

Left Out: 374.270 $\pm$ 1232.085 χ^2/NDF : 4.9/7

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: 1856.461 $\pm$ 854.814 χ^2/NDF : 10.5/14

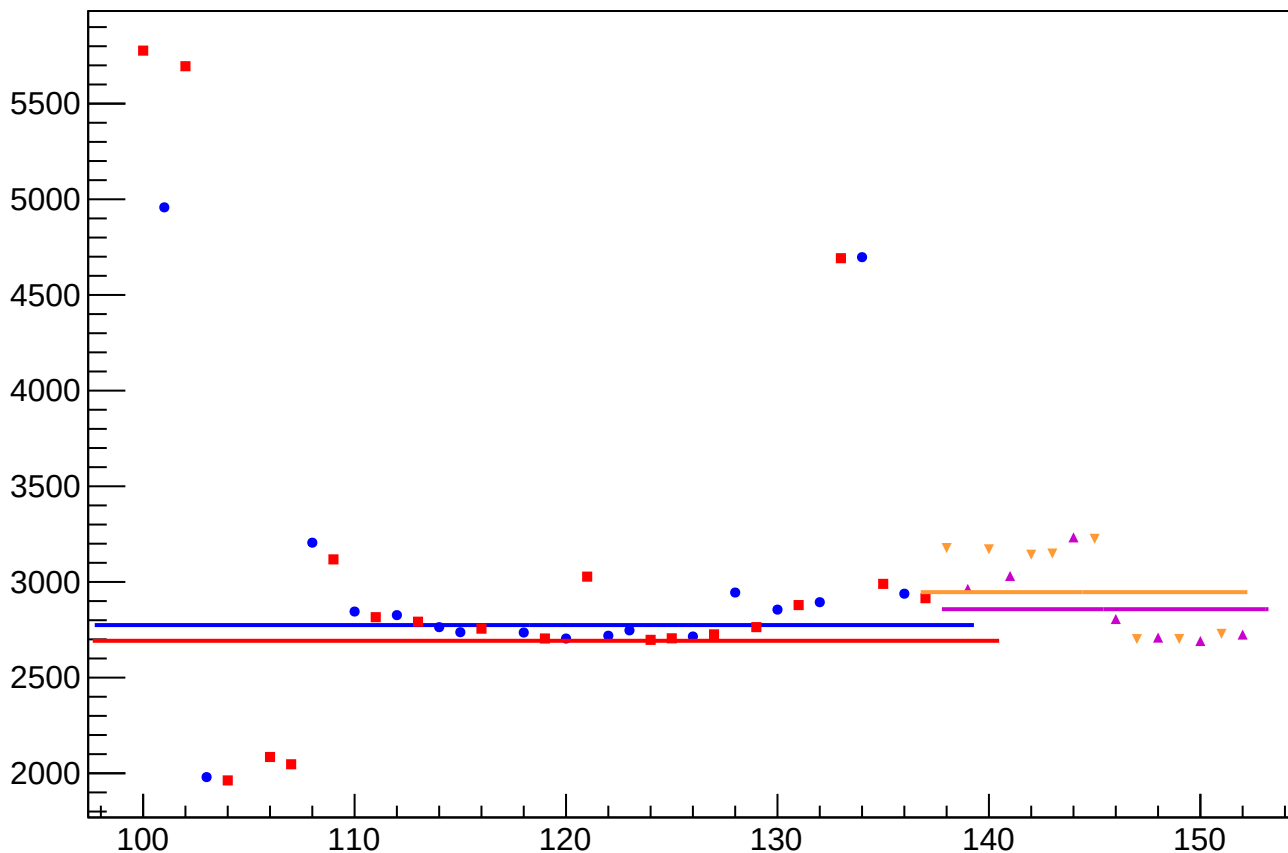
Right: 2942.410 $\pm$ 755.528 χ^2/NDF : 29.1/35

In: 3455.948 $\pm$ 803.432 χ^2/NDF : 12.8/23

Out: 1490.208 $\pm$ 797.778 χ^2/NDF : 24.7/26

All: 2466.137 $\pm$ 566.102 χ^2/NDF : 40.5/50

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 2946.705 $\pm$ 0.871 χ^2 /NDF: 71932.7/7

Right Out: 2692.509 $\pm$ 0.740 χ^2 /NDF: 780267.3/18

Left In: 2857.614 $\pm$ 0.839 χ^2 /NDF: 46656.5/6

Left: 2900.498 $\pm$ 0.604 χ^2 /NDF: 124012.8/14

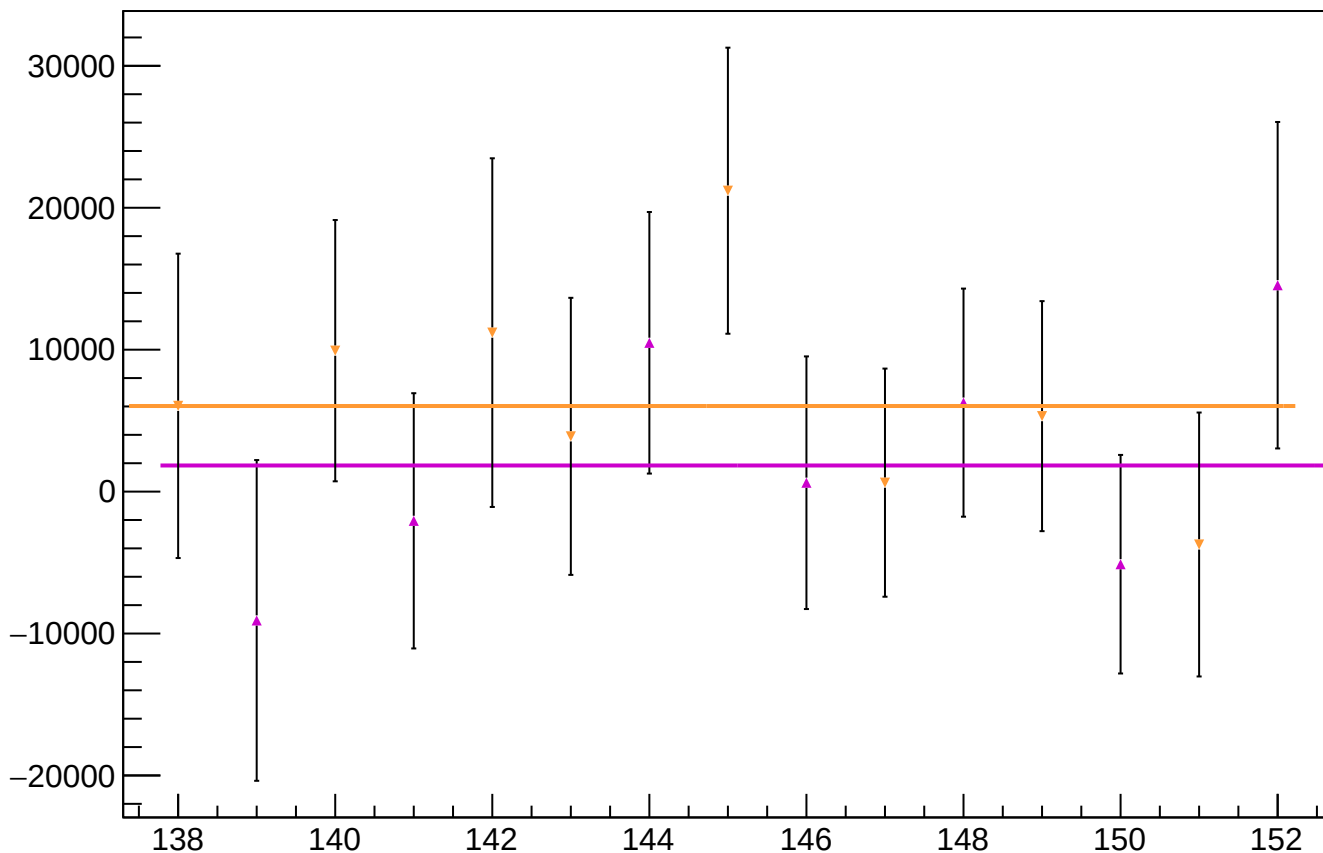
Right: 2731.837 $\pm$ 0.534 χ^2 /NDF: 1287844.4/35

In: 2812.644 $\pm$ 0.568 χ^2 /NDF: 553635.2/23

Out: 2799.043 $\pm$ 0.564 χ^2 /NDF: 901652.1/26

All: 2805.794 $\pm$ 0.400 χ^2 /NDF: 1455575.9/50

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 6030.918+/-3338.144 χ^2/NDF :4.2/7

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: 3998.748+/-2395.577 χ^2/NDF : 9.4/14

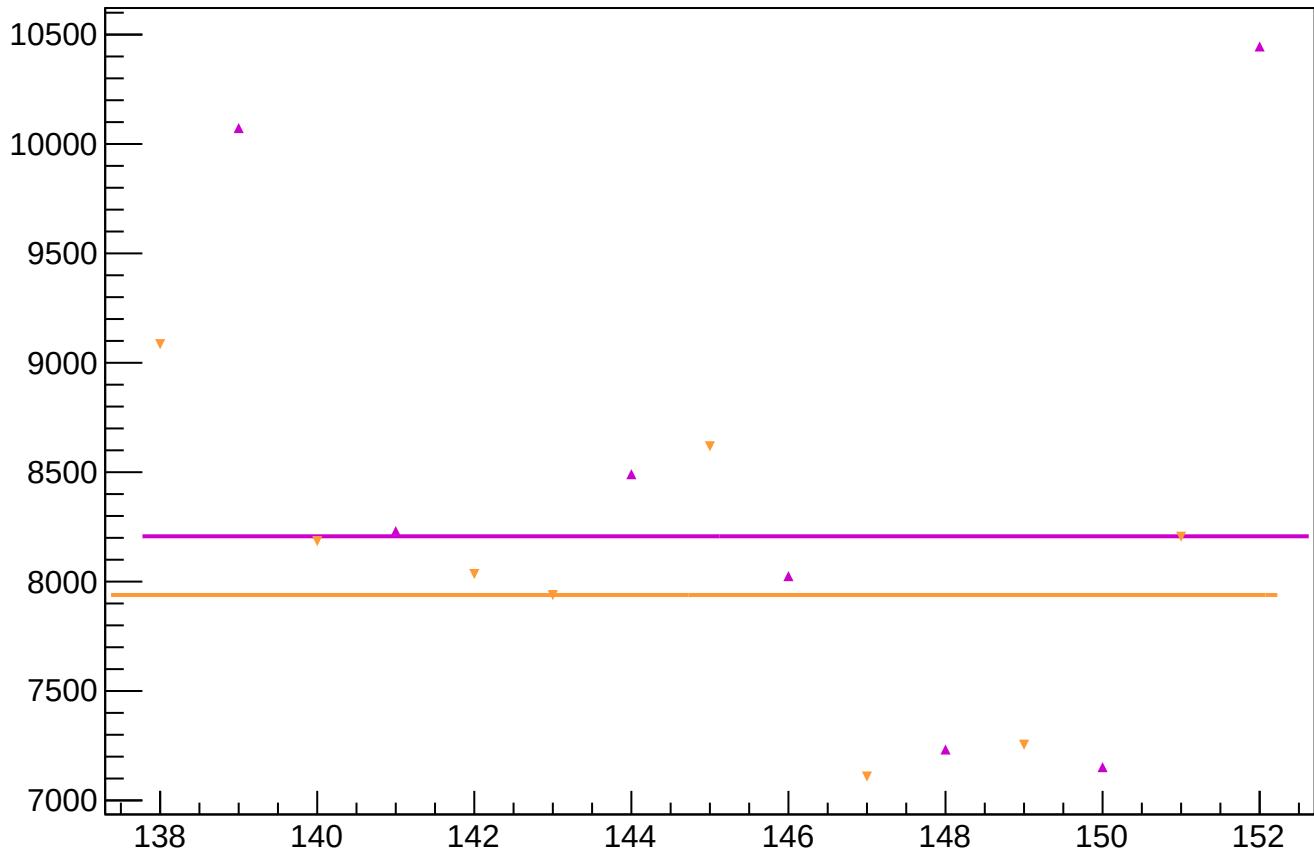
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1840.846+/-3439.861 χ^2/NDF :4.4/6

Out: 6030.918+/-3338.144 χ^2/NDF :4.2/7

All: 3998.748+/-2395.577 χ^2/NDF : 9.4/14

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 7938.900+/-2.360 χ^2/NDF : 70718.7/7

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: 8068.945+/-1.694 χ^2/NDF : 276977.5/14

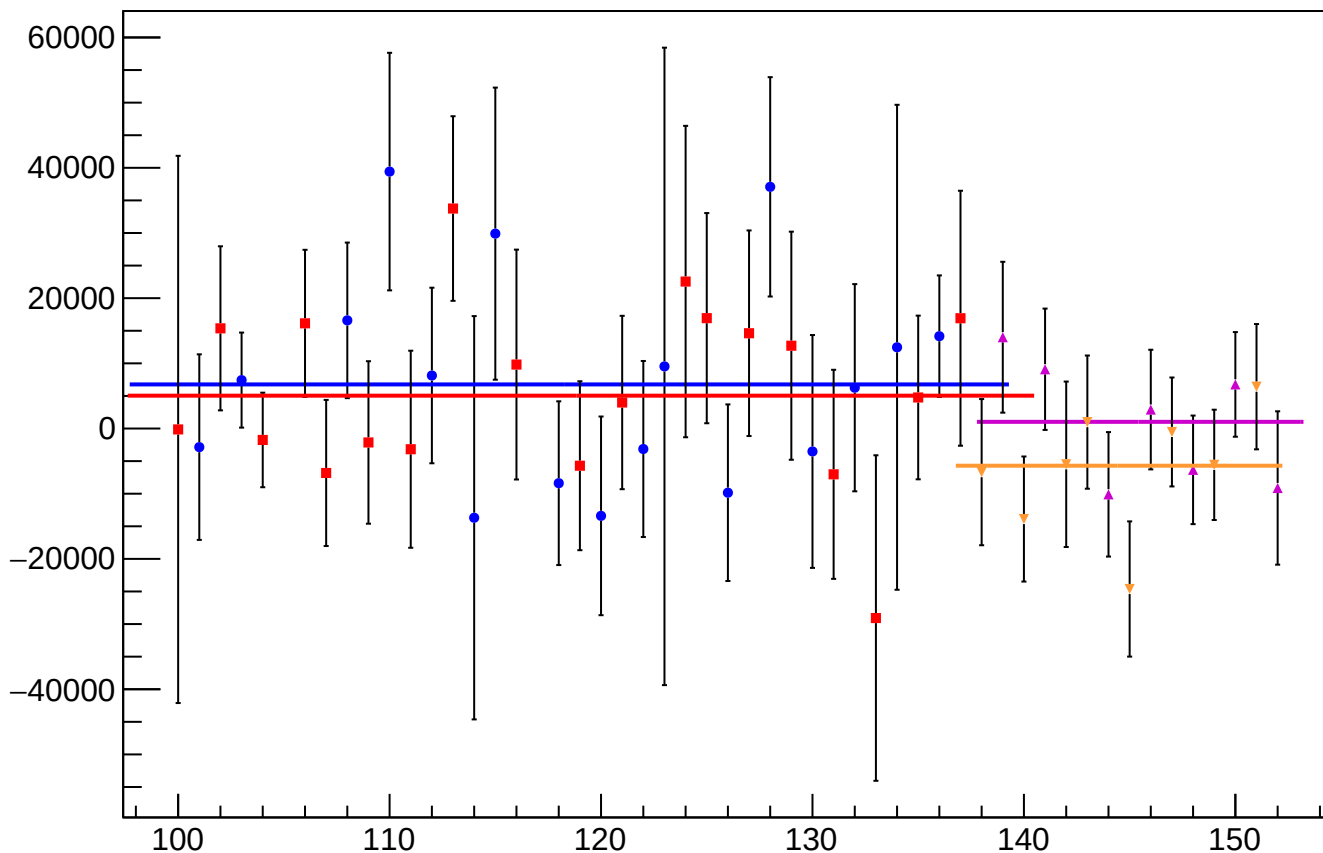
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8207.036+/-2.432 χ^2/NDF : 200000.3/6

Out: 7938.900+/-2.360 χ^2/NDF : 70718.7/7

All: 8068.945+/-1.694 χ^2/NDF : 276977.5/14

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -5703.832+/-3470.921 χ^2/NDF : 6.5/7

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: -2421.953+/-2484.474 χ^2/NDF : 13.7/14

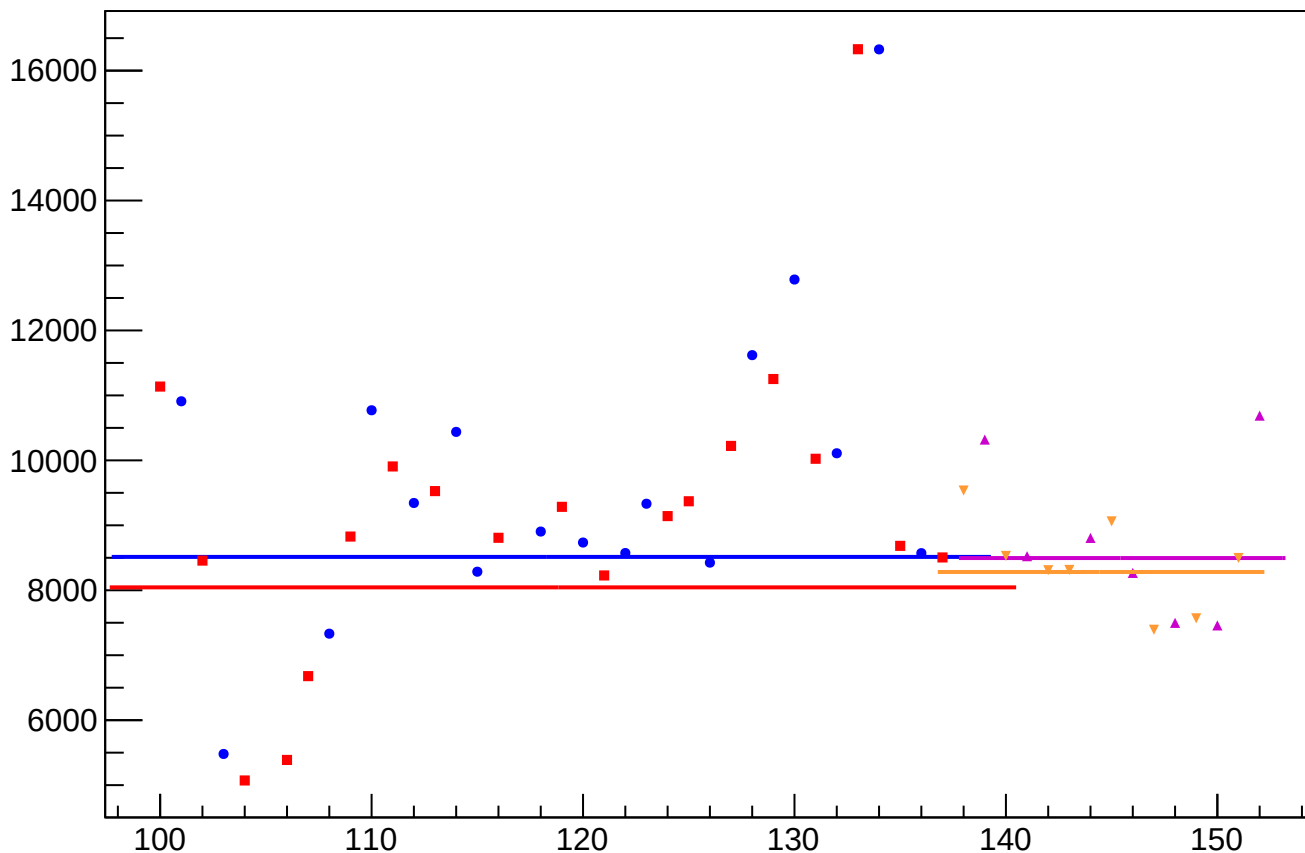
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 4037.909+/-2453.198 χ^2/NDF : 22.2/23

Out: 158.717+/-2339.737 χ^2/NDF : 25.3/26

All: 2006.534+/-1693.135 χ^2/NDF : 48.8/50

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8281.586+/-2.454 χ^2/NDF : 75508.3/7

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: 8386.166+/-1.757 χ^2/NDF : 263799.6/14

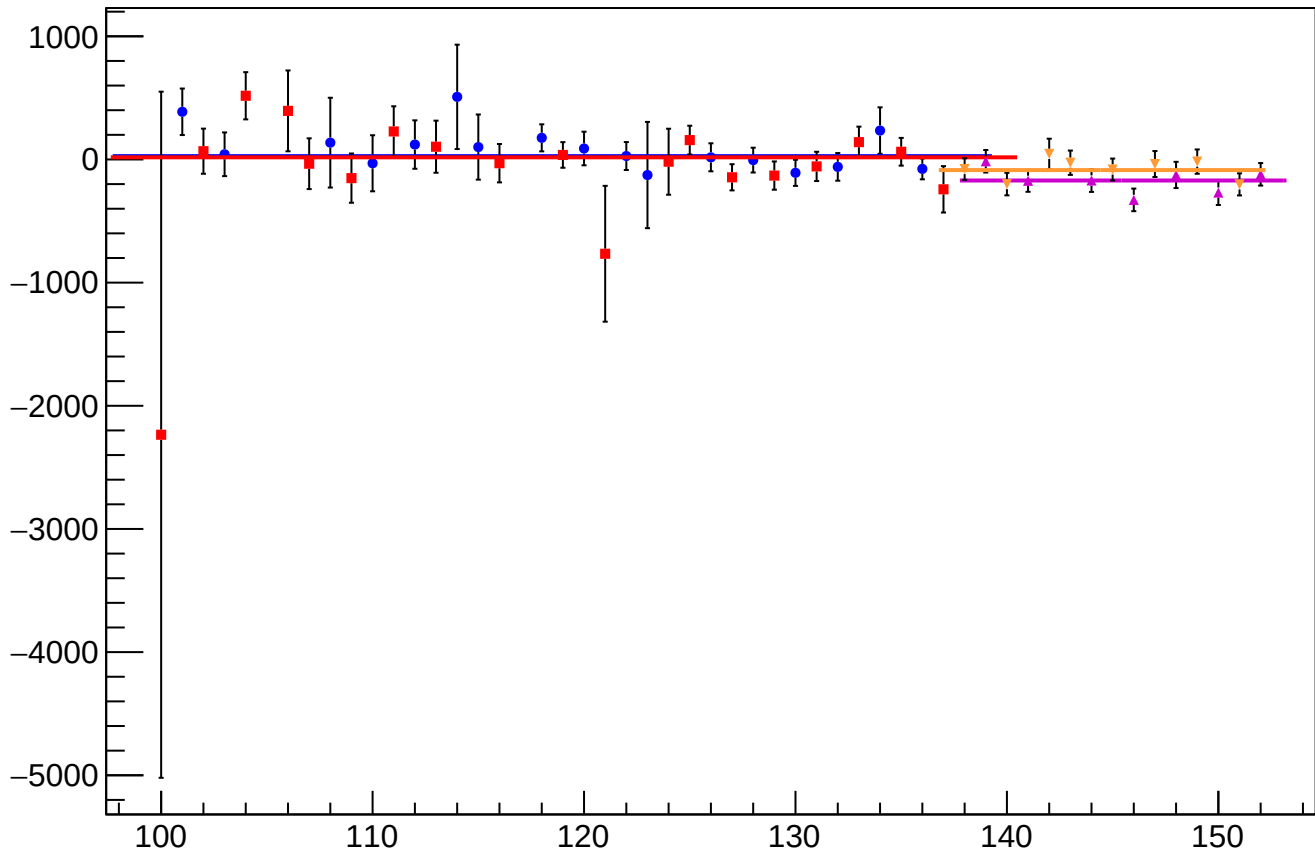
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8505.290+/-1.735 χ^2/NDF : 947208.0/23

Out: 8152.359+/-1.654 χ^2/NDF : 1032900.0/26

All: 8320.471+/-1.197 χ^2/NDF : 2001785.0/50

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -86.289 ± 34.056 $\chi^2/\text{NDF}: 5.4/7$

Right Out: 17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$

Left In: -170.776 ± 35.669 $\chi^2/\text{NDF}: 7.3/6$

Left: -126.580 ± 24.632 $\chi^2/\text{NDF}: 15.7/14$

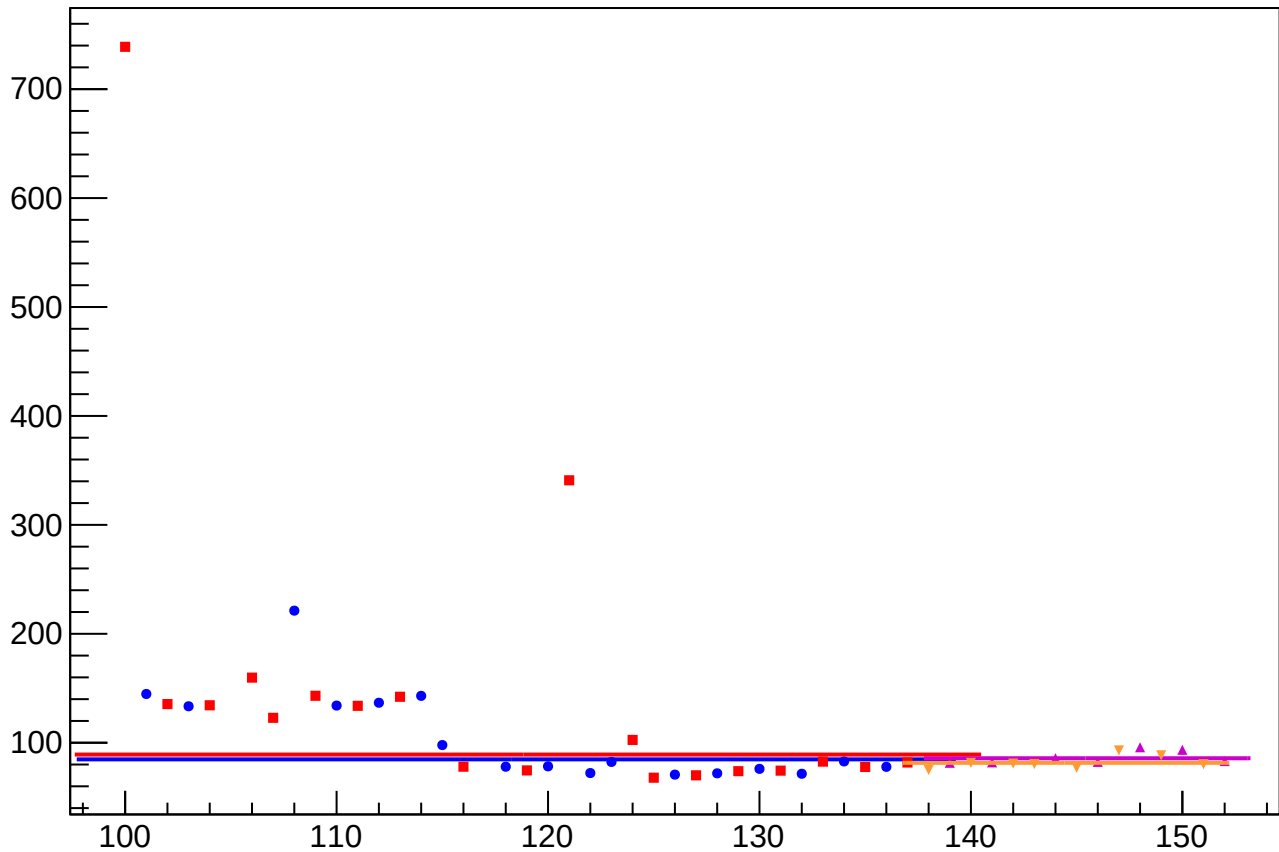
Right: 22.359 ± 24.581 $\chi^2/\text{NDF}: 34.5/35$

In: -67.272 ± 24.621 $\chi^2/\text{NDF}: 36.0/23$

Out: -36.680 ± 24.592 $\chi^2/\text{NDF}: 31.7/26$

All: -51.958 ± 17.399 $\chi^2/\text{NDF}: 68.5/50$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 81.544+/-0.024 χ^2/NDF : 50311.8/7

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: 83.547+/-0.017 χ^2/NDF : 106444.4/14

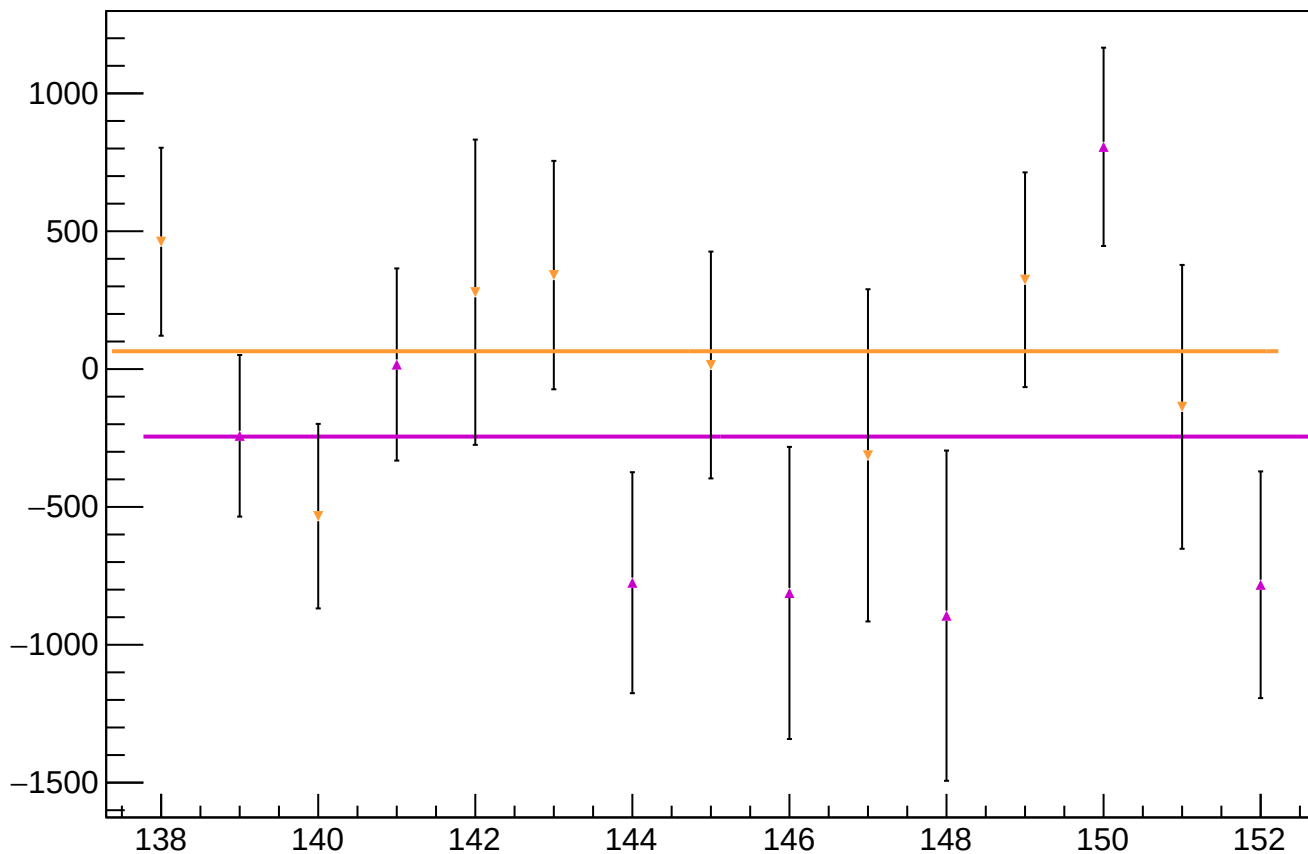
Right: 86.844+/-0.017 χ^2/NDF : 2639723.0/35

In: 85.217+/-0.017 χ^2/NDF : 1106876.5/23

Out: 85.181+/-0.017 χ^2/NDF : 1657237.5/26

All: 85.199+/-0.012 χ^2/NDF : 2764116.3/50

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 64.676+/-148.011 χ^2/NDF : 6.2/7

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: -90.845+/-104.405 χ^2/NDF : 23.2/14

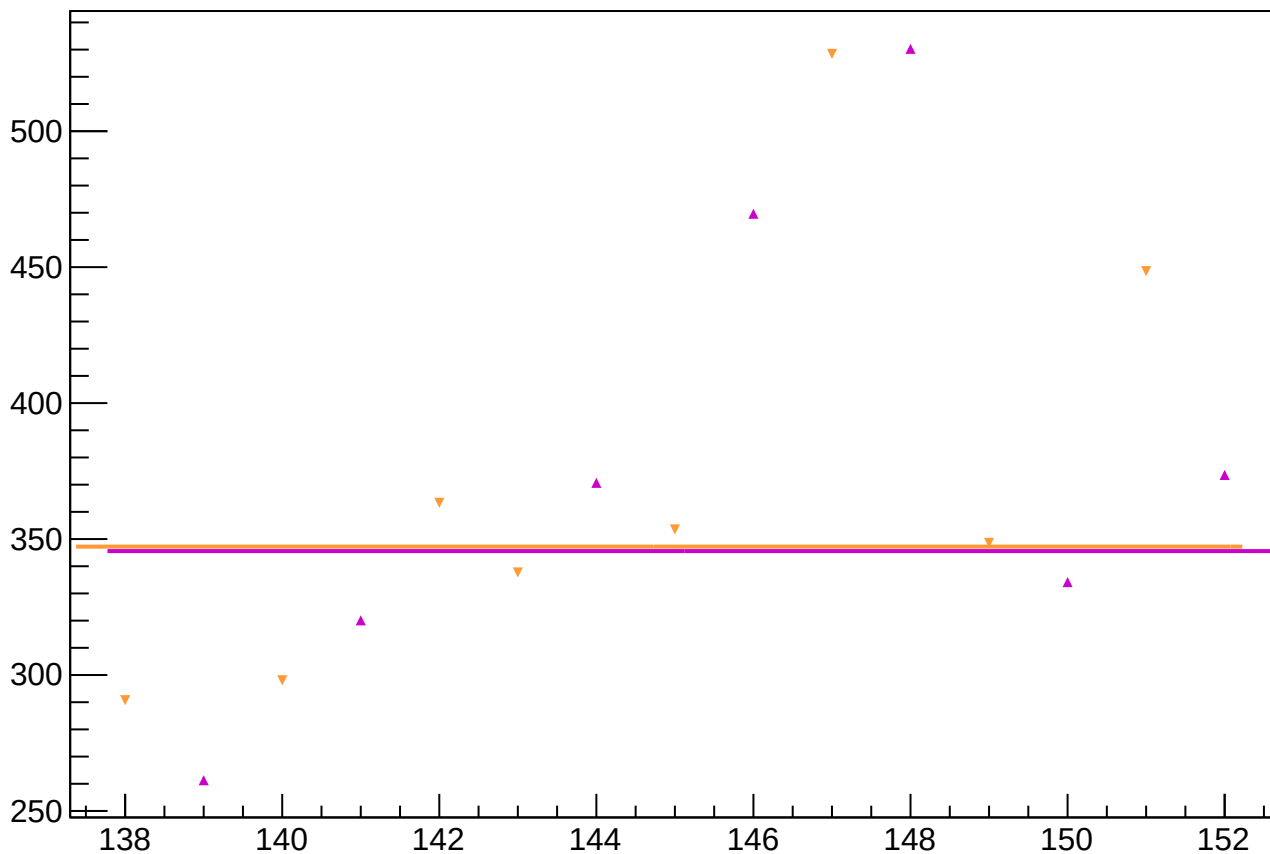
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -244.866+/-147.295 χ^2/NDF : 14.9/6

Out: 64.676+/-148.011 χ^2/NDF : 6.2/7

All: -90.845+/-104.405 χ^2/NDF : 23.2/14

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 347.222+/-0.105 χ^2/NDF : 359618.2/7

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: 346.398+/-0.074 χ^2/NDF : 854767.8/14

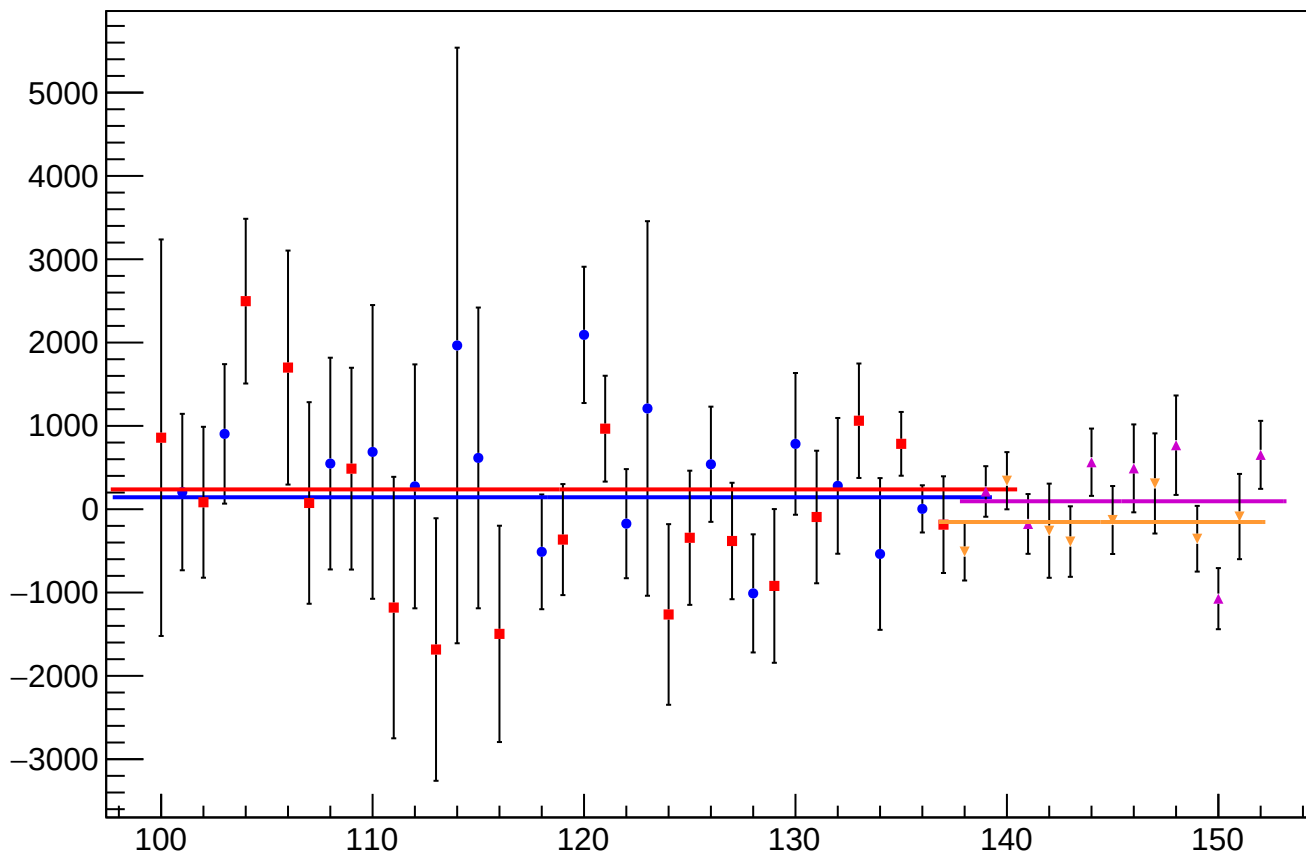
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.581+/-0.104 χ^2/NDF : 495026.1/6

Out: 347.222+/-0.105 χ^2/NDF : 359618.2/7

All: 346.398+/-0.074 χ^2/NDF : 854767.8/14

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -153.504 $\pm$ 149.842 χ^2 /NDF:4.3/7

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: -28.986 $\pm$ 105.916 χ^2 /NDF: 21.6/14

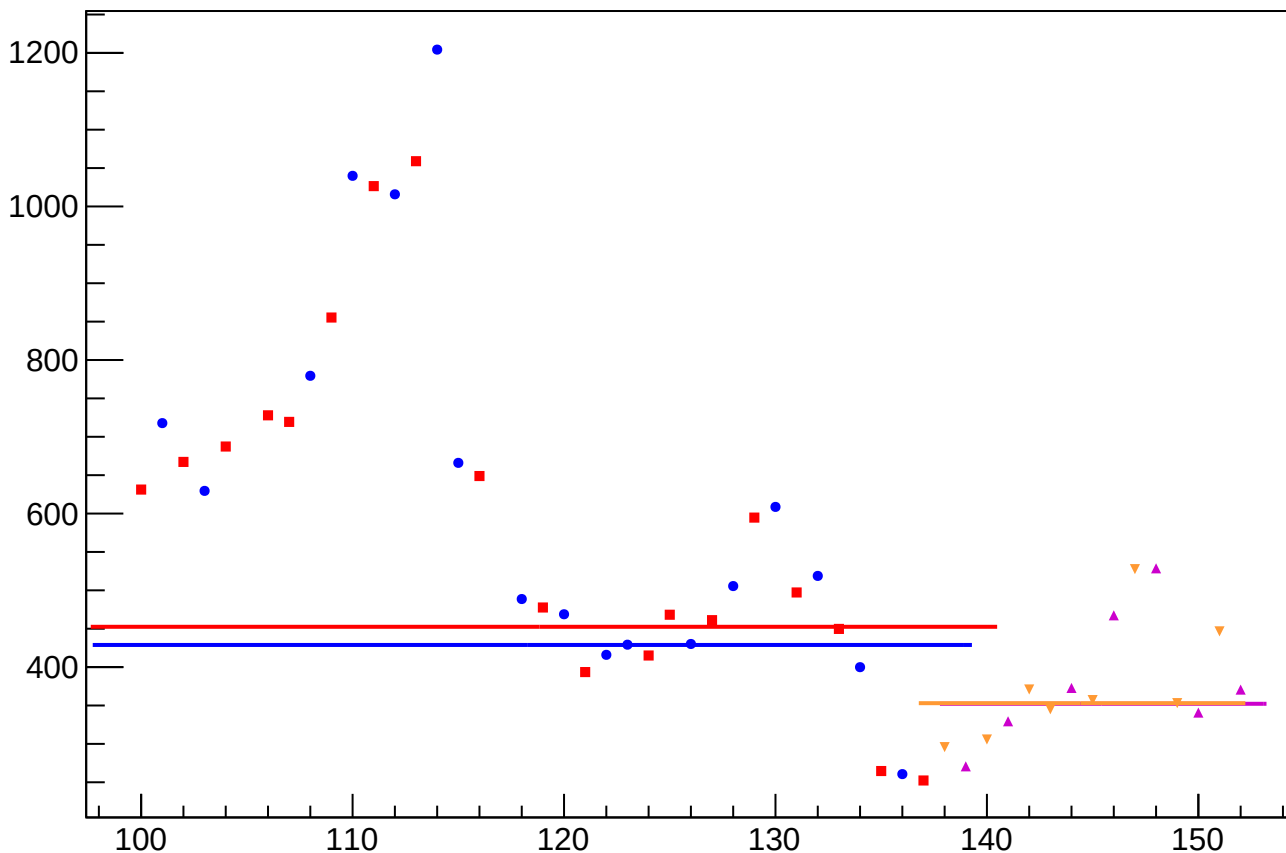
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 115.138 $\pm$ 114.913 χ^2 /NDF:28.7/23

Out: 2.538 $\pm$ 116.187 χ^2 /NDF:28.7/26

All: 59.459 $\pm$ 81.702 χ^2 /NDF: 58.0/50

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF : 2012329.6/16

Left Out: 353.015+/-0.106 χ^2/NDF :330925.0/7

Right Out: 452.517+/-0.130 χ^2/NDF : 2039238.5/18

Left In: 352.227+/-0.106 χ^2/NDF :433747.2/6

Left: 352.621+/-0.075 χ^2/NDF : 764699.8/14

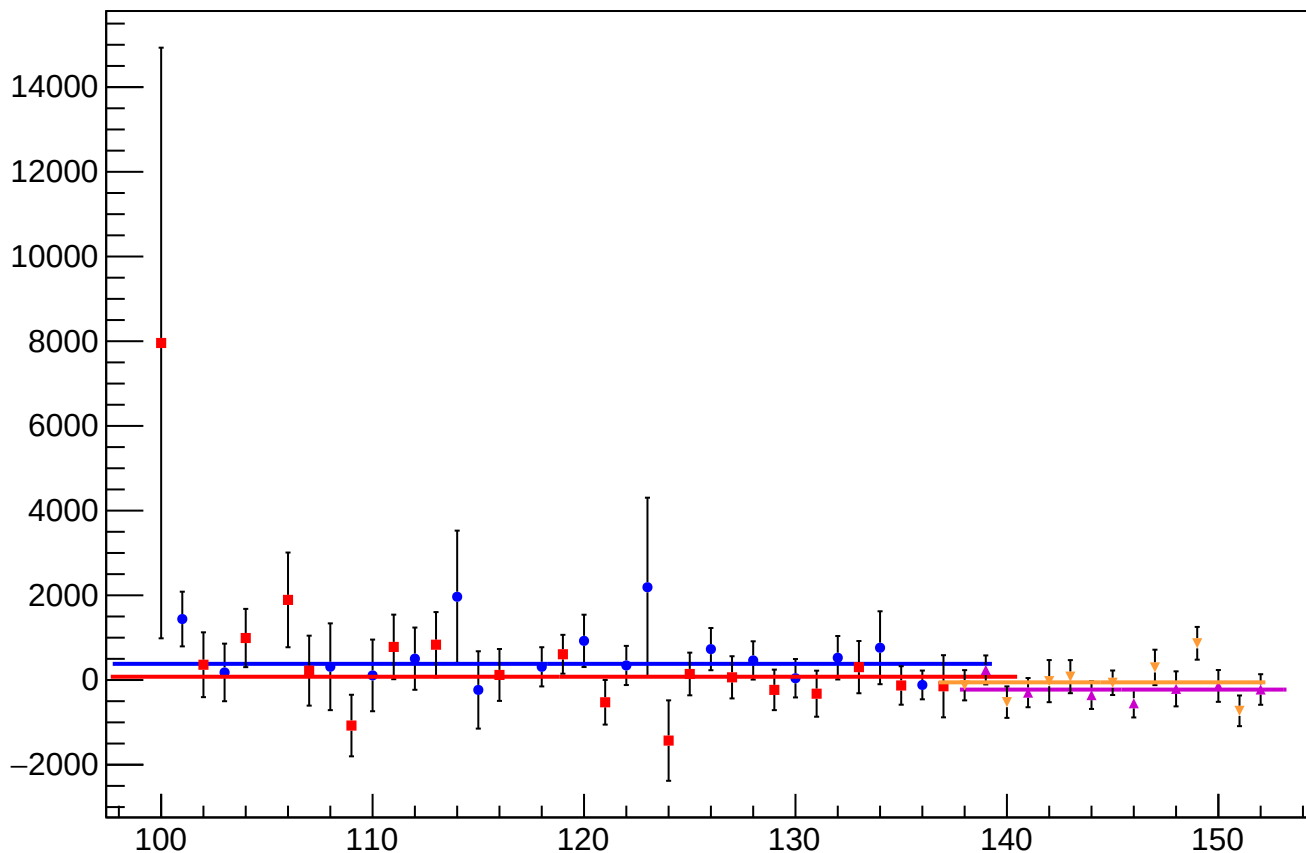
Right: 440.377+/-0.091 χ^2/NDF : 4068538.6/35

In: 383.724+/-0.081 χ^2/NDF :2661378.0/23

Out: 392.692+/-0.082 χ^2/NDF :2721836.7/26

All: 388.159+/-0.058 χ^2/NDF : 5389237.3/50

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 $\chi^2/\text{NDF}: 9.4/16$

Left Out: -54.773 ± 131.727 $\chi^2/\text{NDF}: 11.6/7$

Right Out: 77.490 ± 143.469 $\chi^2/\text{NDF}: 16.8/18$

Left In: -225.990 ± 133.858 $\chi^2/\text{NDF}: 3.0/6$

Left: -139.008 ± 93.889 $\chi^2/\text{NDF}: 15.4/14$

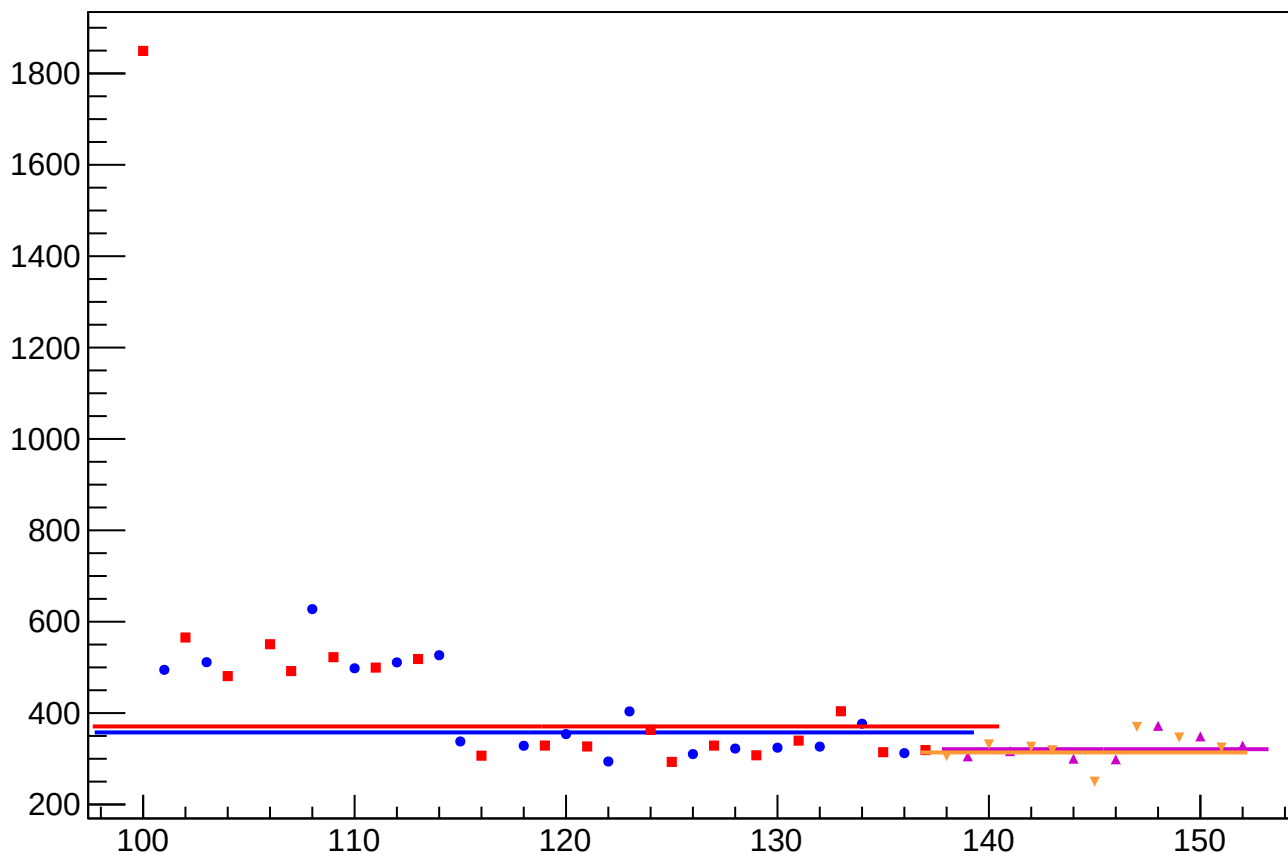
Right: 232.126 ± 100.633 $\chi^2/\text{NDF}: 28.5/35$

In: 61.753 ± 97.141 $\chi^2/\text{NDF}: 22.2/23$

Out: 5.726 ± 97.031 $\chi^2/\text{NDF}: 28.8/26$

All: 33.708 ± 68.650 $\chi^2/\text{NDF}: 51.2/50$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 313.875 $\pm$ 0.093 χ^2 /NDF: 156537.2/7

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: 317.360 $\pm$ 0.066 χ^2 /NDF: 223295.0/14

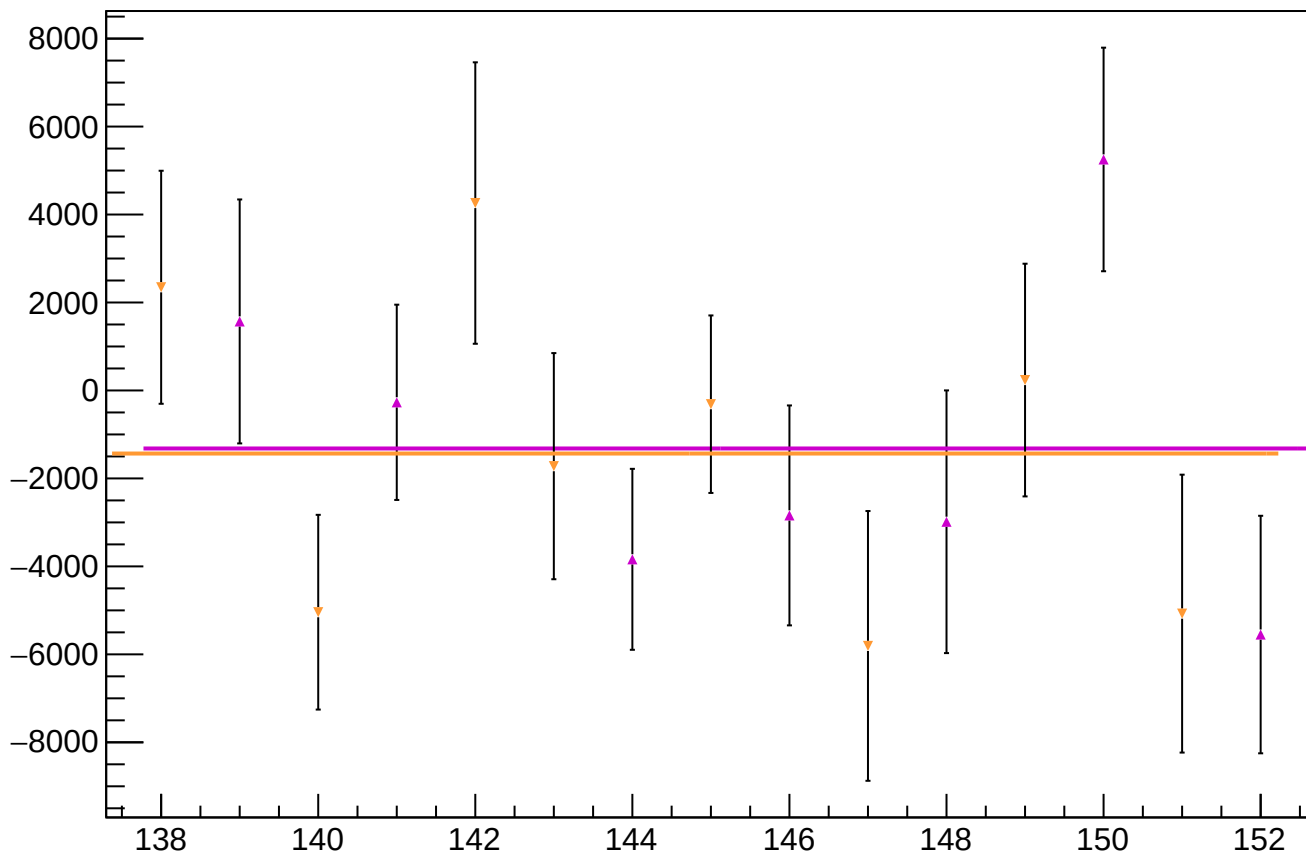
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 338.334 $\pm$ 0.069 χ^2 /NDF: 764766.9/23

Out: 339.910 $\pm$ 0.069 χ^2 /NDF: 1112130.4/26

All: 339.123 $\pm$ 0.049 χ^2 /NDF: 1877161.0/50

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1434.147+/-916.483 χ^2/NDF :11.9/7

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: -1378.117+/-655.991 χ^2/NDF : 24.6/14

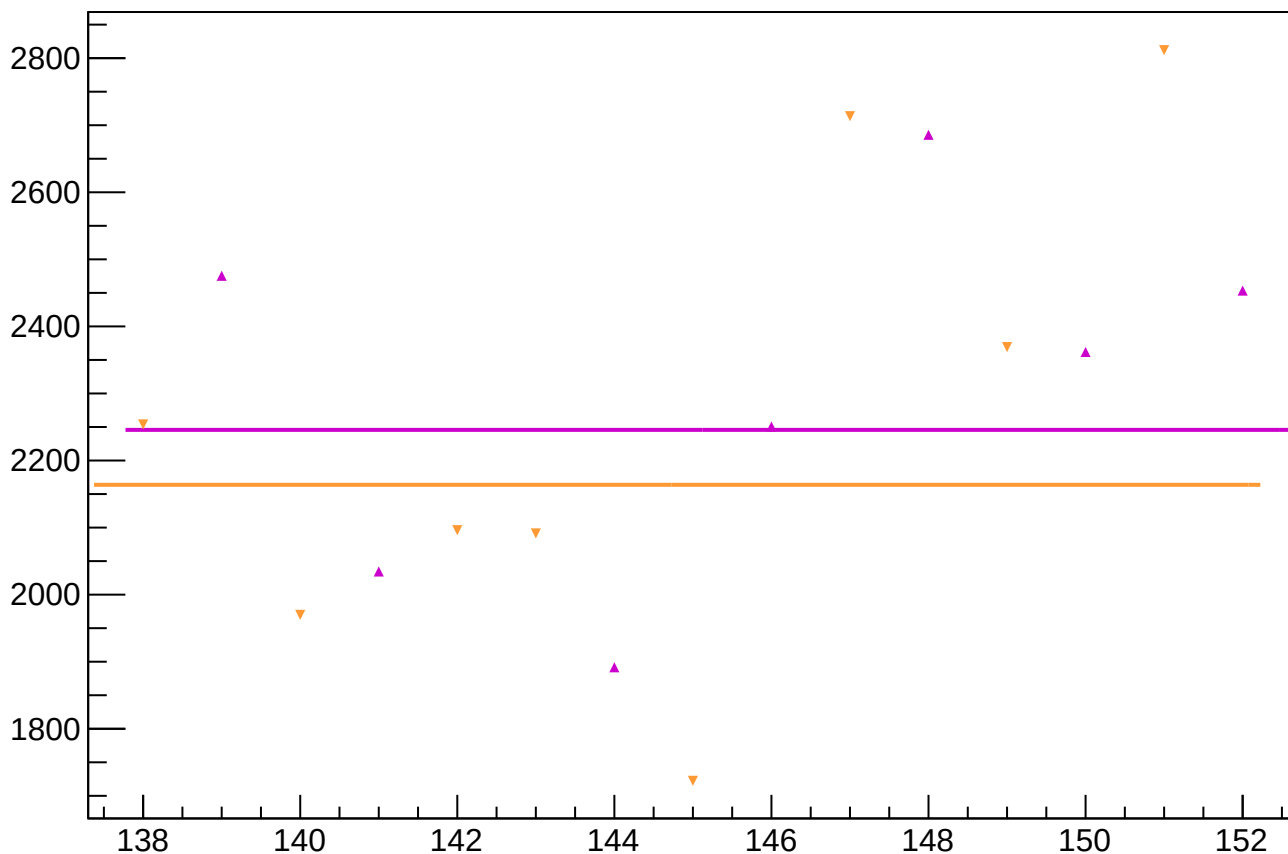
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1319.255+/-939.363 χ^2/NDF :12.6/6

Out: -1434.147+/-916.483 χ^2/NDF :11.9/7

All: -1378.117+/-655.991 χ^2/NDF : 24.6/14

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2163.789+/-0.648 χ^2/NDF : 276338.3/7

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: 2203.741+/-0.464 χ^2/NDF : 434616.5/14

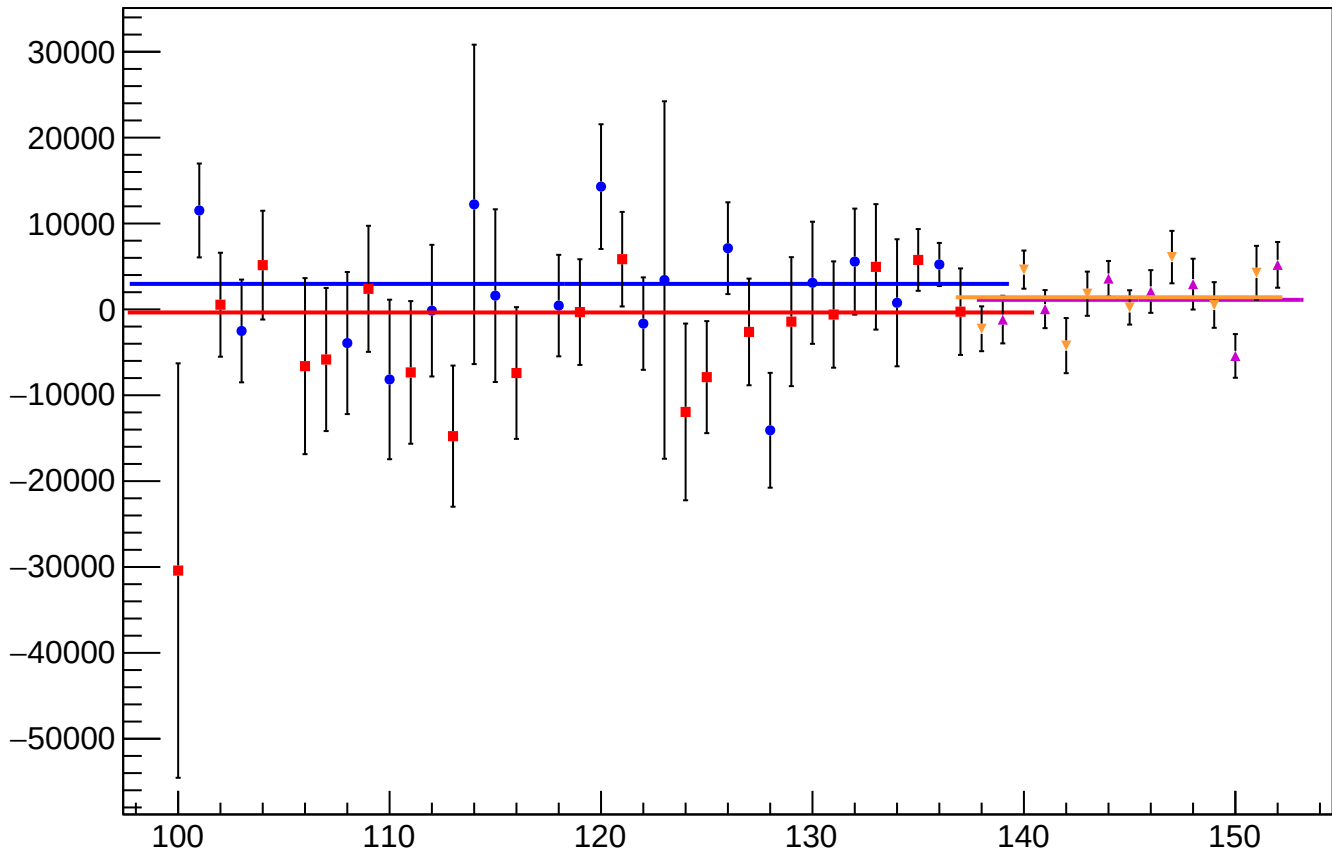
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2245.712+/-0.664 χ^2/NDF : 150484.8/6

Out: 2163.789+/-0.648 χ^2/NDF : 276338.3/7

All: 2203.741+/-0.464 χ^2/NDF : 434616.5/14

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 1411.125+/-913.615 χ^2/NDF : 10.8/7

Right Out: -358.685+/-1507.064 χ^2/NDF : 15.3/18

Left In: 1111.459+/-935.244 χ^2/NDF : 11.9/6

Left: 1264.797+/-653.536 χ^2/NDF : 22.7/14

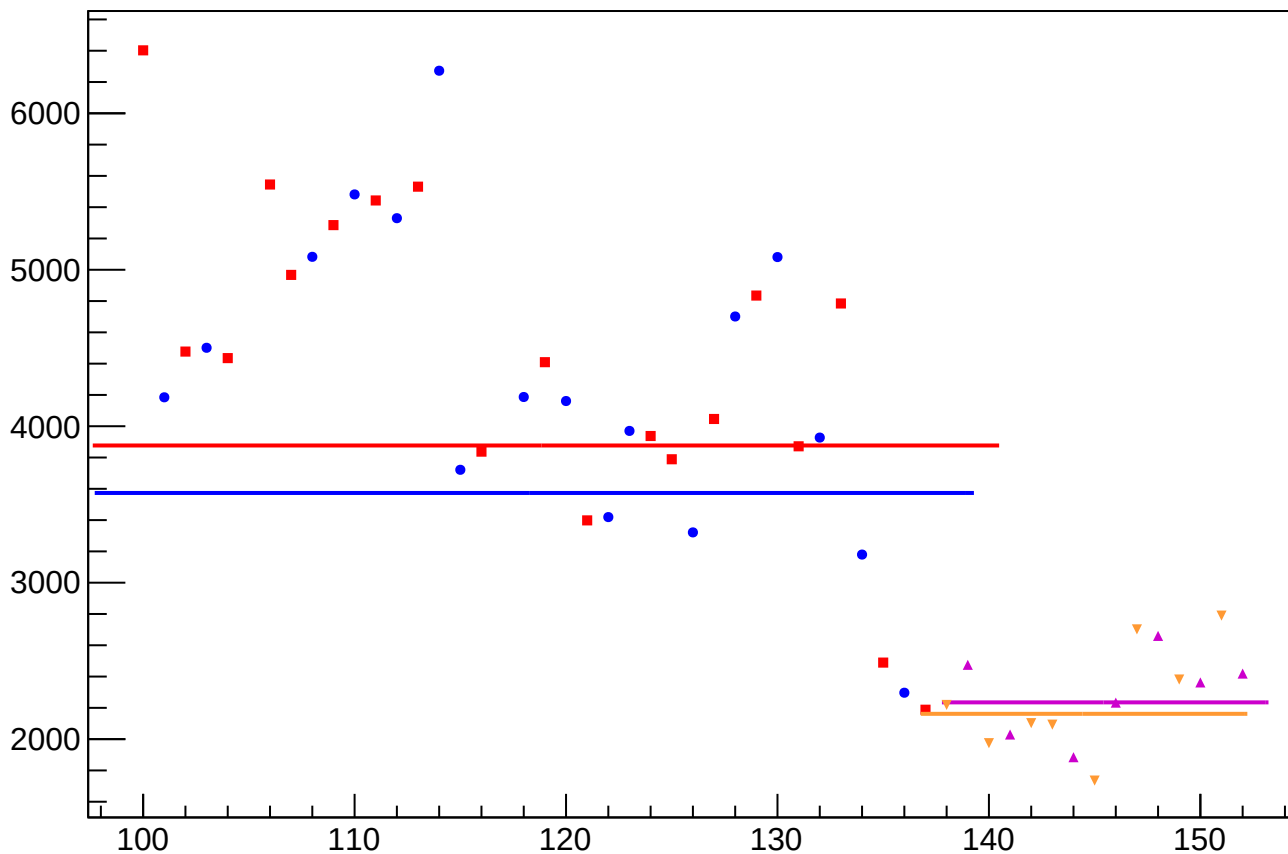
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 1662.319+/-784.417 χ^2/NDF : 30.4/23

Out: 935.504+/-781.266 χ^2/NDF : 27.2/26

All: 1297.449+/-553.549 χ^2/NDF : 58.0/50

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470 $\pm$ 1.019 χ^2/NDF : 1088731.5/16

Left Out: 2161.808 $\pm$ 0.646 χ^2/NDF : 264753.6/7

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: 2197.549 $\pm$ 0.462 χ^2/NDF : 417434.4/14

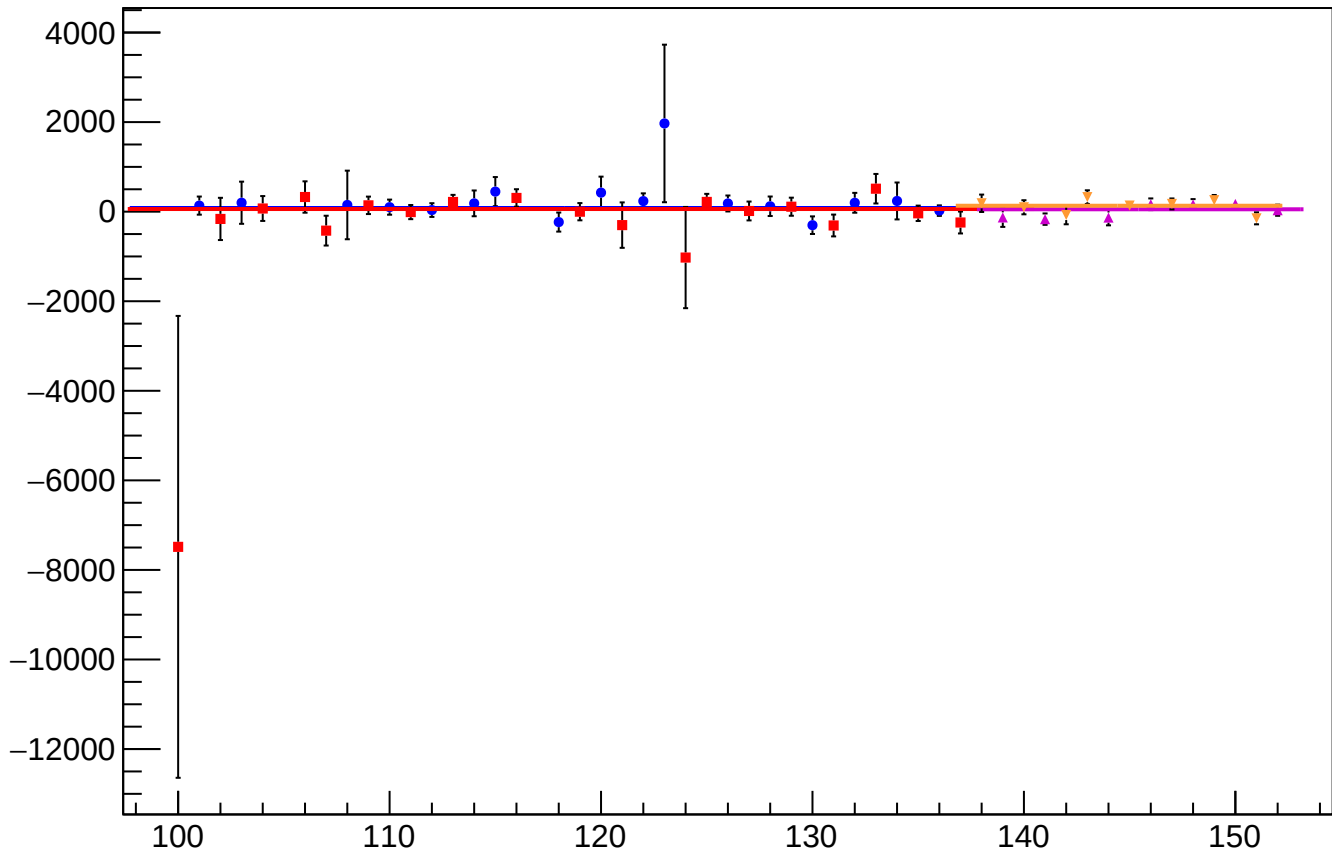
Right: 3718.342 $\pm$ 0.736 χ^2/NDF : 2119512.7/35

In: 2631.903 $\pm$ 0.555 χ^2/NDF : 2449844.5/23

Out: 2622.728 $\pm$ 0.552 χ^2/NDF : 3147335.4/26

All: 2627.297 $\pm$ 0.391 χ^2/NDF : 5597317.3/50

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851 ± 51.907 χ^2/NDF : 11.5/16

Left Out: 132.271 ± 49.293 χ^2/NDF : 8.4/7

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: 93.150 ± 35.060 χ^2/NDF : 17.4/14

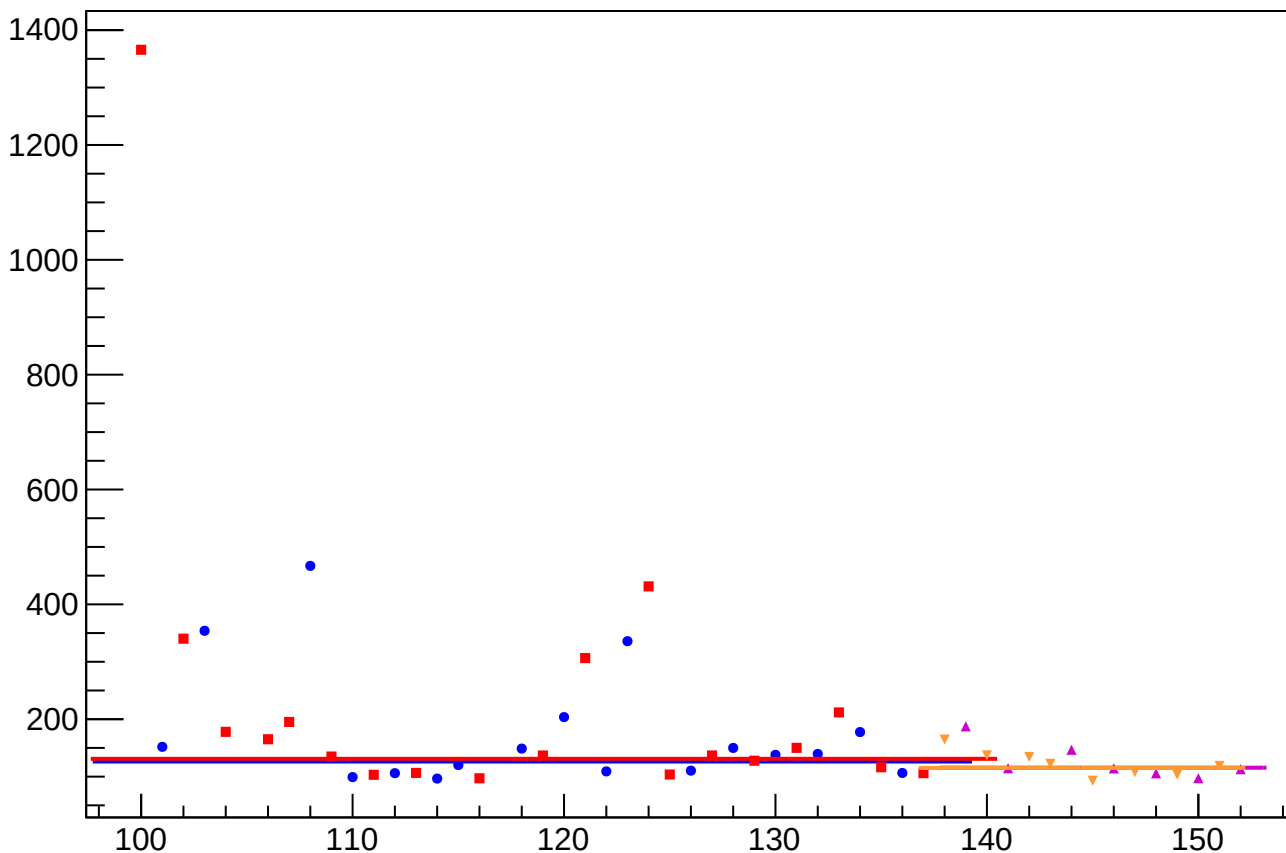
Right: 70.703 ± 37.141 χ^2/NDF : 28.1/35

In: 66.900 ± 35.965 χ^2/NDF : 19.5/23

Out: 98.405 ± 36.147 χ^2/NDF : 25.9/26

All: 82.573 ± 25.495 χ^2/NDF : 45.7/50

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 115.075 $\pm$ 0.035 χ^2 /NDF:299206.4/7

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

Left In: 115.548 $\pm$ 0.035 χ^2 /NDF:371858.3/6

Left: 115.309 $\pm$ 0.025 χ^2 /NDF: 671155.8/14

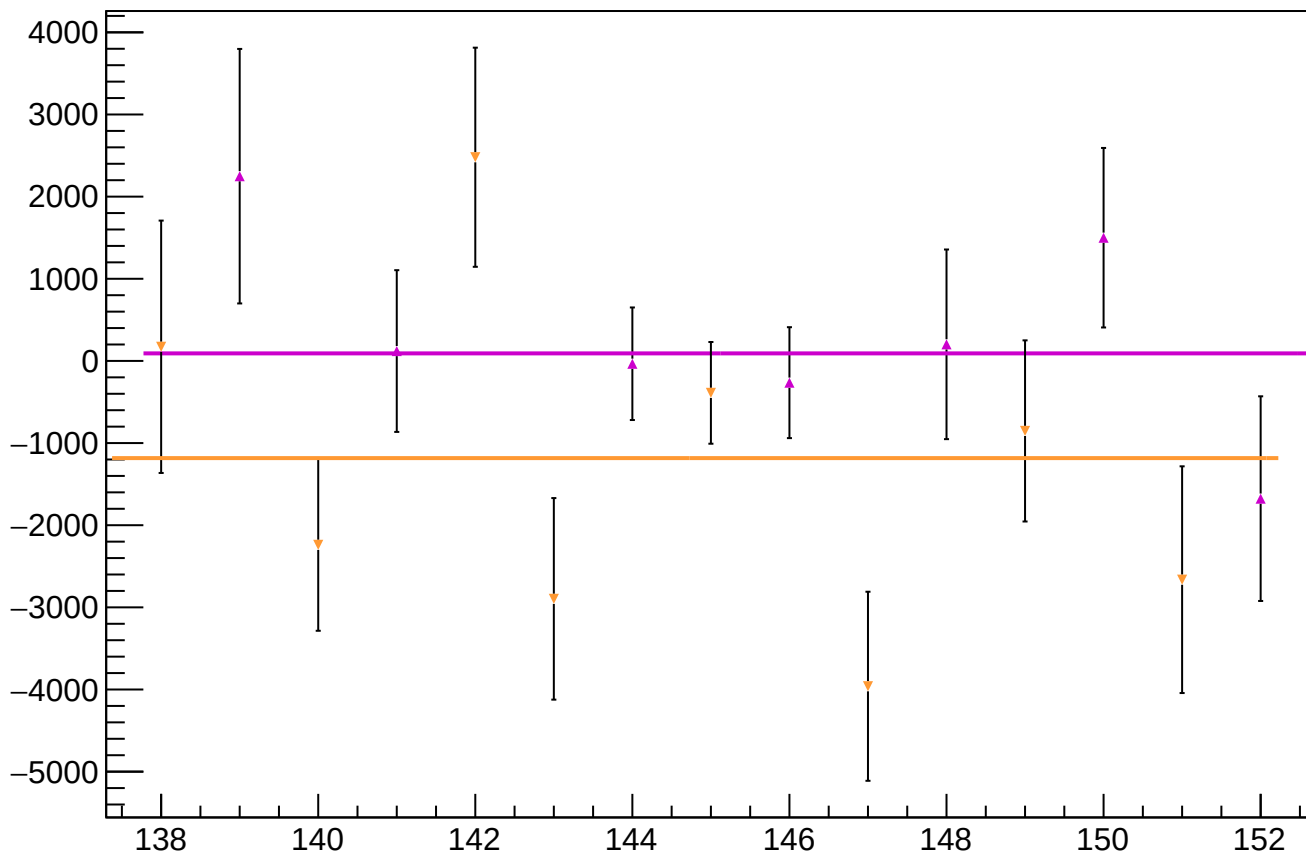
Right: 128.617 $\pm$ 0.026 χ^2 /NDF: 2747739.0/35

In: 120.729 $\pm$ 0.025 χ^2 /NDF:1727385.2/23

Out: 122.440 $\pm$ 0.026 χ^2 /NDF:1825053.1/26

All: 121.580 $\pm$ 0.018 χ^2 /NDF: 3554689.9/50

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1183.076+/-370.738 χ^2/NDF :20.0/7

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: -515.206+/-255.818 χ^2/NDF : 32.1/14

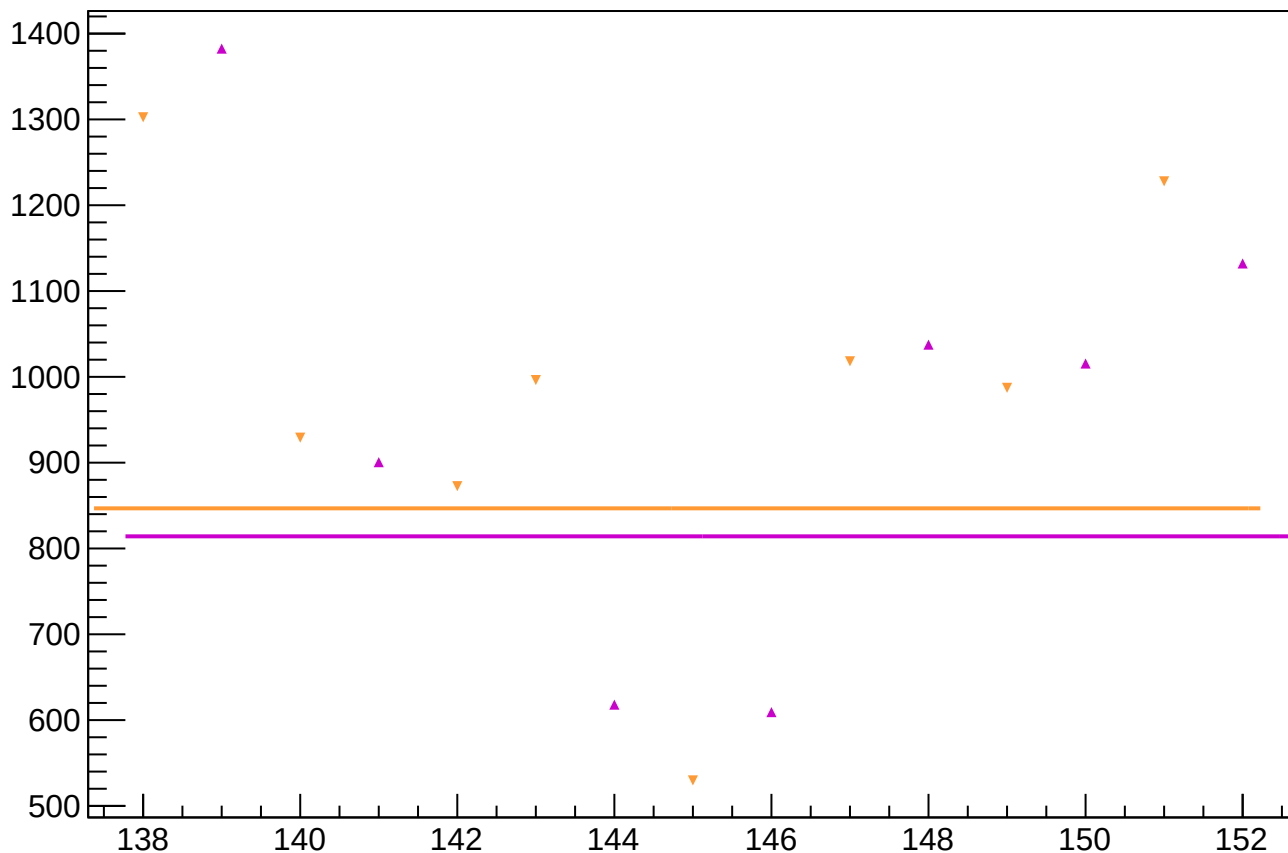
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.806+/-353.443 χ^2/NDF :5.9/6

Out: -1183.076+/-370.738 χ^2/NDF :20.0/7

All: -515.206+/-255.818 χ^2/NDF : 32.1/14

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 846.777+/-0.262 χ^2/NDF :972745.9/7

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: 829.683+/-0.181 χ^2/NDF : 1886637.5/14

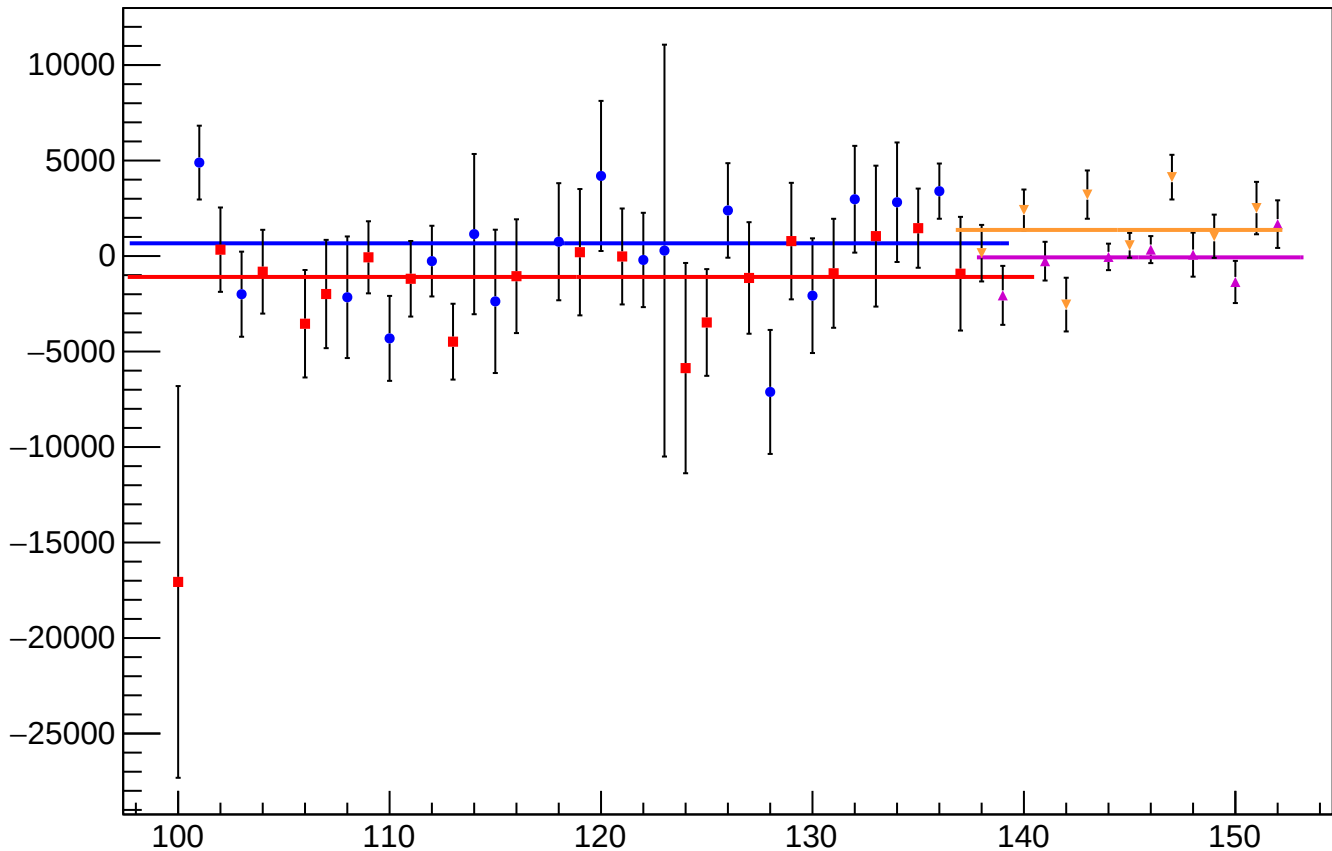
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 814.148+/-0.250 χ^2/NDF :905776.1/6

Out: 846.777+/-0.262 χ^2/NDF :972745.9/7

All: 829.683+/-0.181 χ^2/NDF : 1886637.5/14

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453 $\pm$ 618.839 χ^2/NDF : 25.6/16

Left Out: 1366.828 $\pm$ 381.651 χ^2/NDF : 19.4/7

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: 608.641 $\pm$ 262.167 χ^2/NDF : 32.2/14

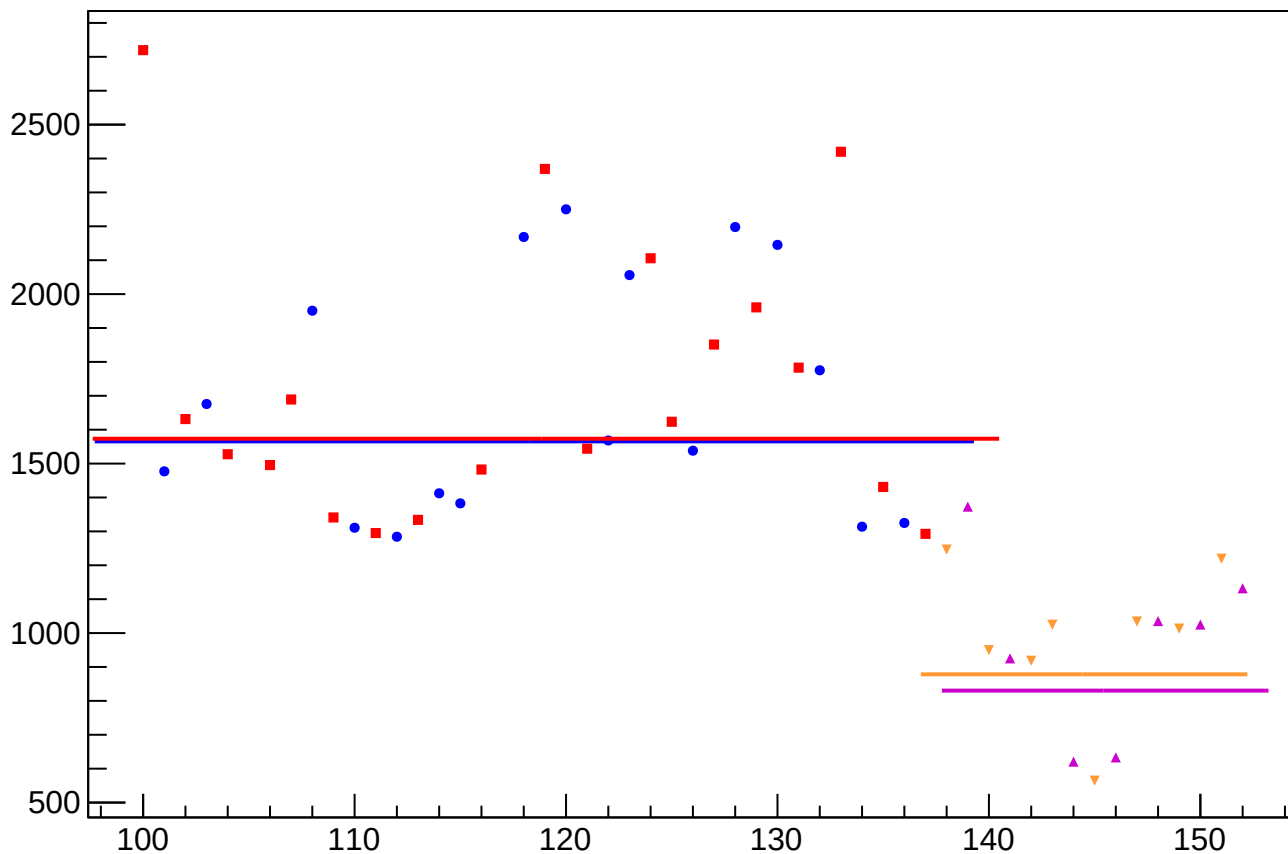
Right: -237.260 $\pm$ 431.744 χ^2/NDF : 40.8/35

In: 117.702 $\pm$ 311.661 χ^2/NDF : 32.1/23

Out: 662.315 $\pm$ 322.431 χ^2/NDF : 42.3/26

All: 380.761 $\pm$ 224.088 χ^2/NDF : 75.8/50

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 878.339 $\pm$ 0.270 χ^2 /NDF: 814027.7/7

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: 852.930 $\pm$ 0.185 χ^2 /NDF: 1675981.8/14

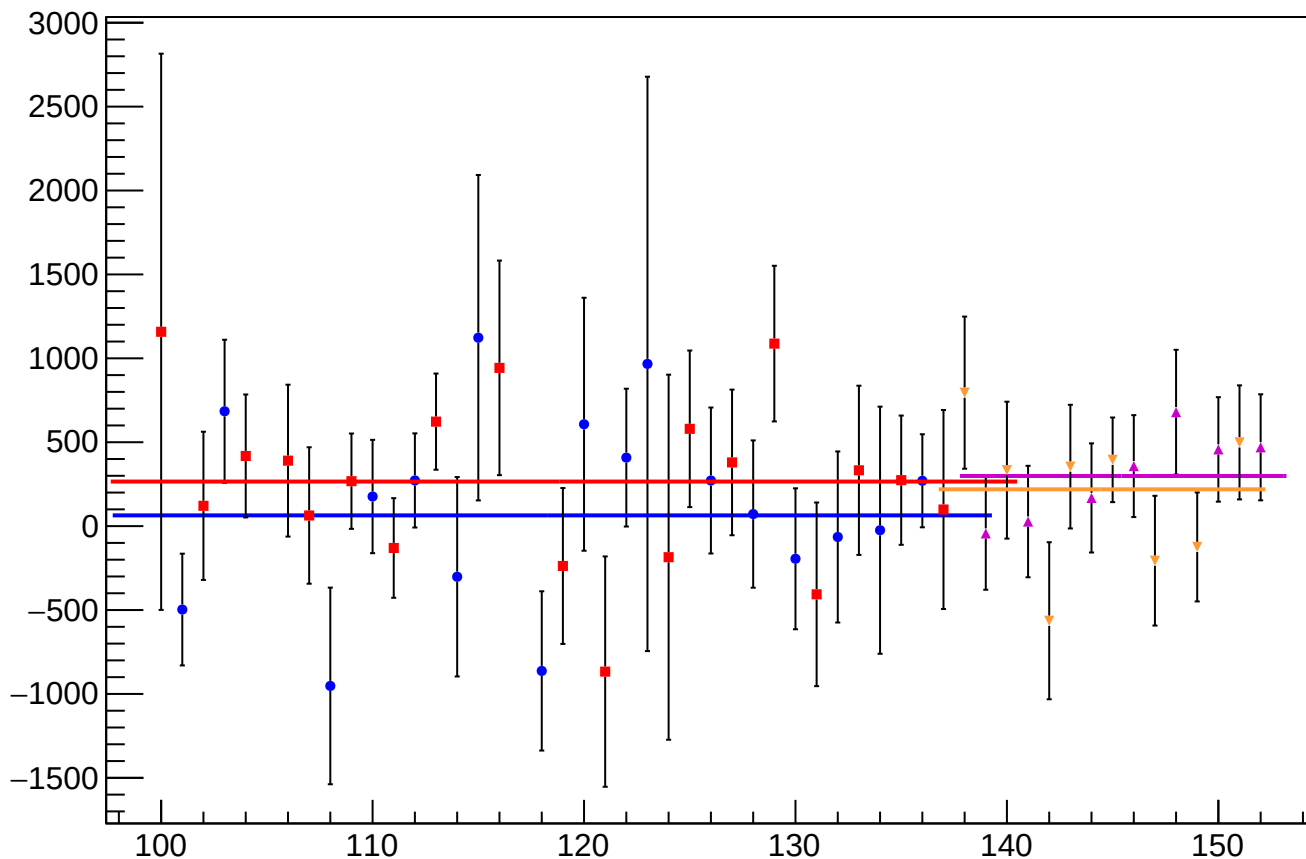
Right: 1569.597 $\pm$ 0.305 χ^2 /NDF: 952991.2/35

In: 1016.750 $\pm$ 0.220 χ^2 /NDF: 3443940.1/23

Out: 1077.297 $\pm$ 0.228 χ^2 /NDF: 3174777.0/26

All: 1045.995 $\pm$ 0.158 χ^2 /NDF: 6655176.5/50

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 $\pm$ 105.336 χ^2/NDF : 16.8/16

Left Out: 219.295 $\pm$ 125.633 χ^2/NDF : 8.1/7

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: 259.837 $\pm$ 87.984 χ^2/NDF : 11.8/14

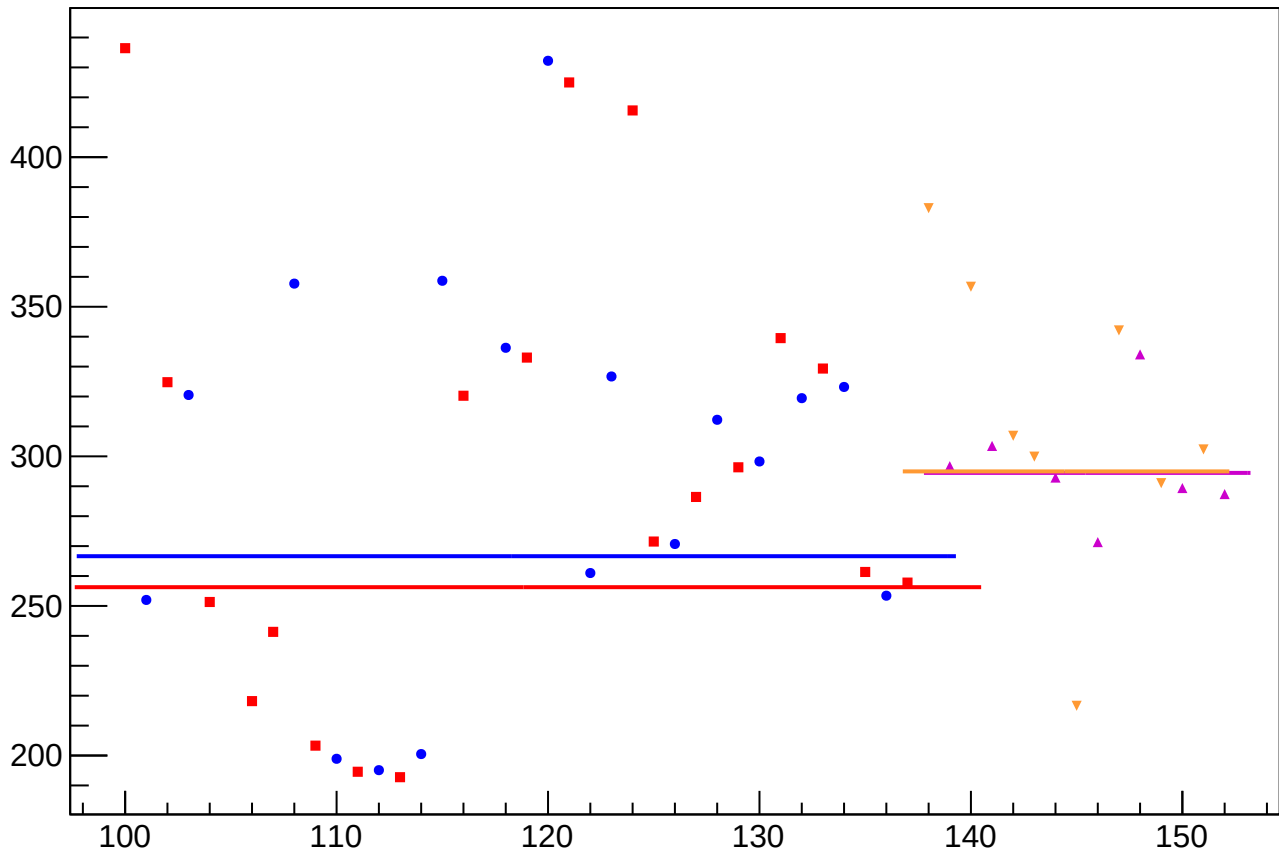
Right: 170.735 $\pm$ 72.286 χ^2/NDF : 33.4/35

In: 163.181 $\pm$ 80.077 χ^2/NDF : 22.4/23

Out: 247.815 $\pm$ 77.942 χ^2/NDF : 22.9/26

All: 206.641 $\pm$ 55.853 χ^2/NDF : 45.8/50

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 294.969 $\pm$ 0.089 χ^2 /NDF:346760.5/7

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: 294.714 $\pm$ 0.062 χ^2 /NDF: 384255.3/14

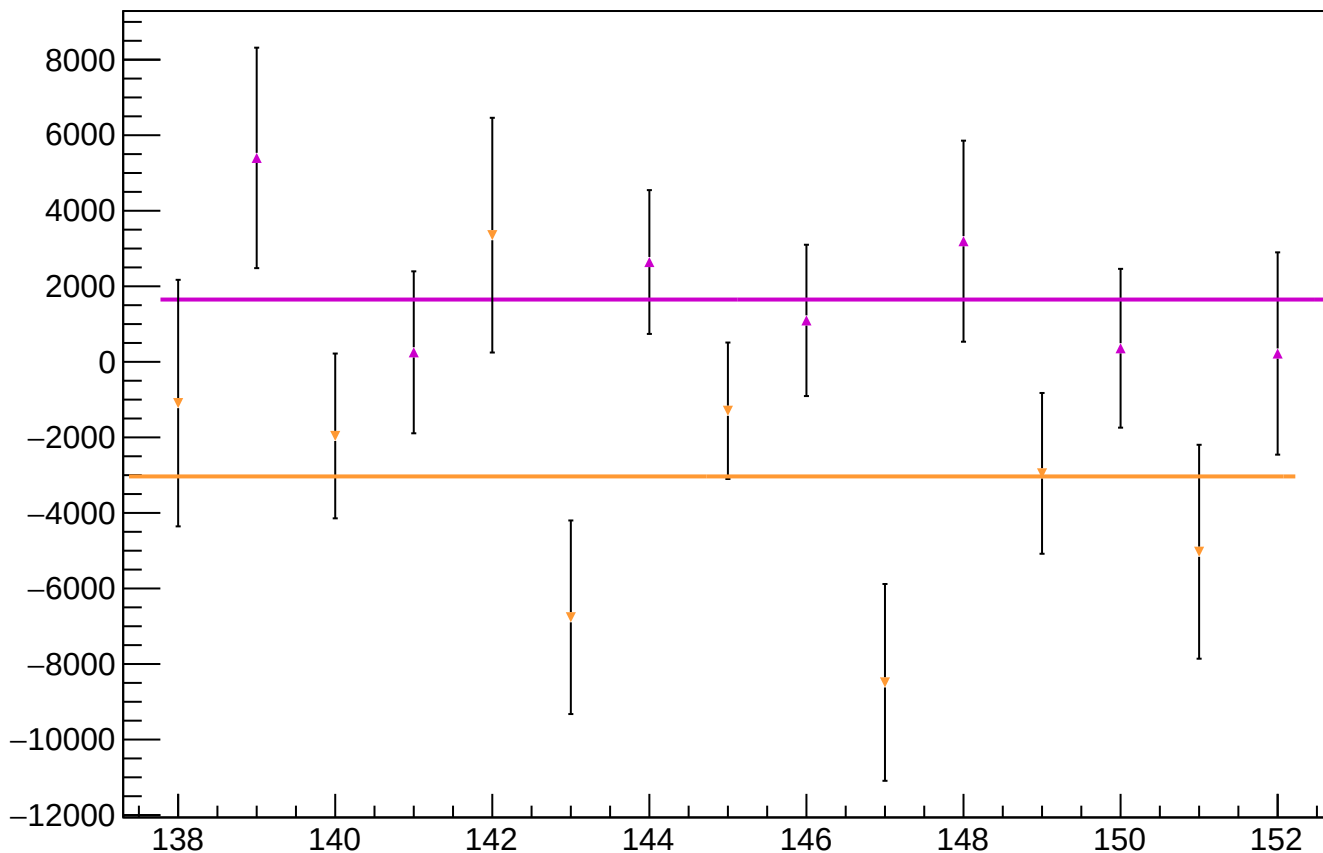
Right: 261.145 $\pm$ 0.051 χ^2 /NDF: 1257876.6/35

In: 278.377 $\pm$ 0.057 χ^2 /NDF:647216.9/23

Out: 271.164 $\pm$ 0.055 χ^2 /NDF:1160392.5/26

All: 274.673 $\pm$ 0.039 χ^2 /NDF: 1815943.1/50

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3033.711+/-857.776 χ^2/NDF :12.7/7

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: -685.399+/-605.664 χ^2/NDF : 31.1/14

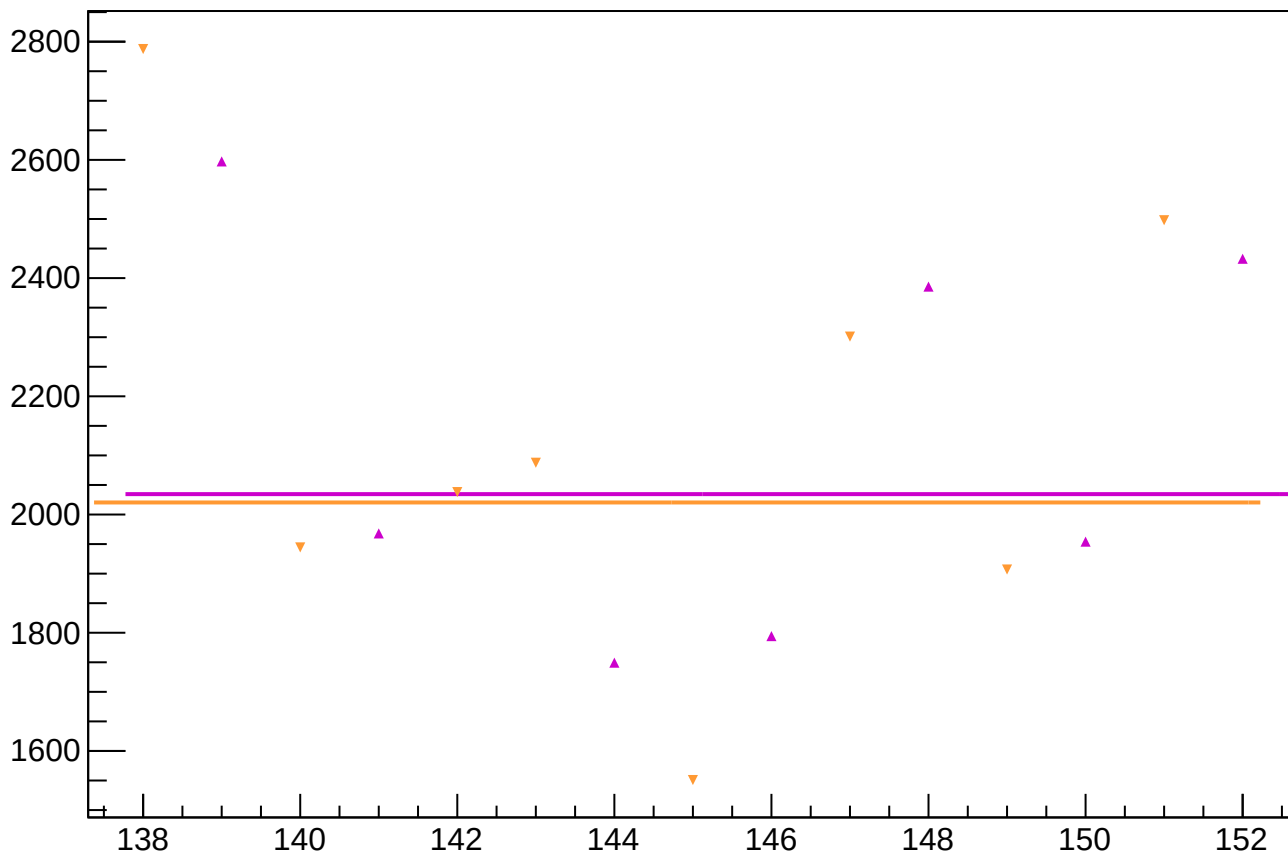
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1649.403+/-855.305 χ^2/NDF :3.4/6

Out: -3033.711+/-857.776 χ^2/NDF :12.7/7

All: -685.399+/-605.664 χ^2/NDF : 31.1/14

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2020.411+/-0.607 χ^2/NDF :335308.4/7

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: 2027.483+/-0.428 χ^2/NDF : 567481.1/14

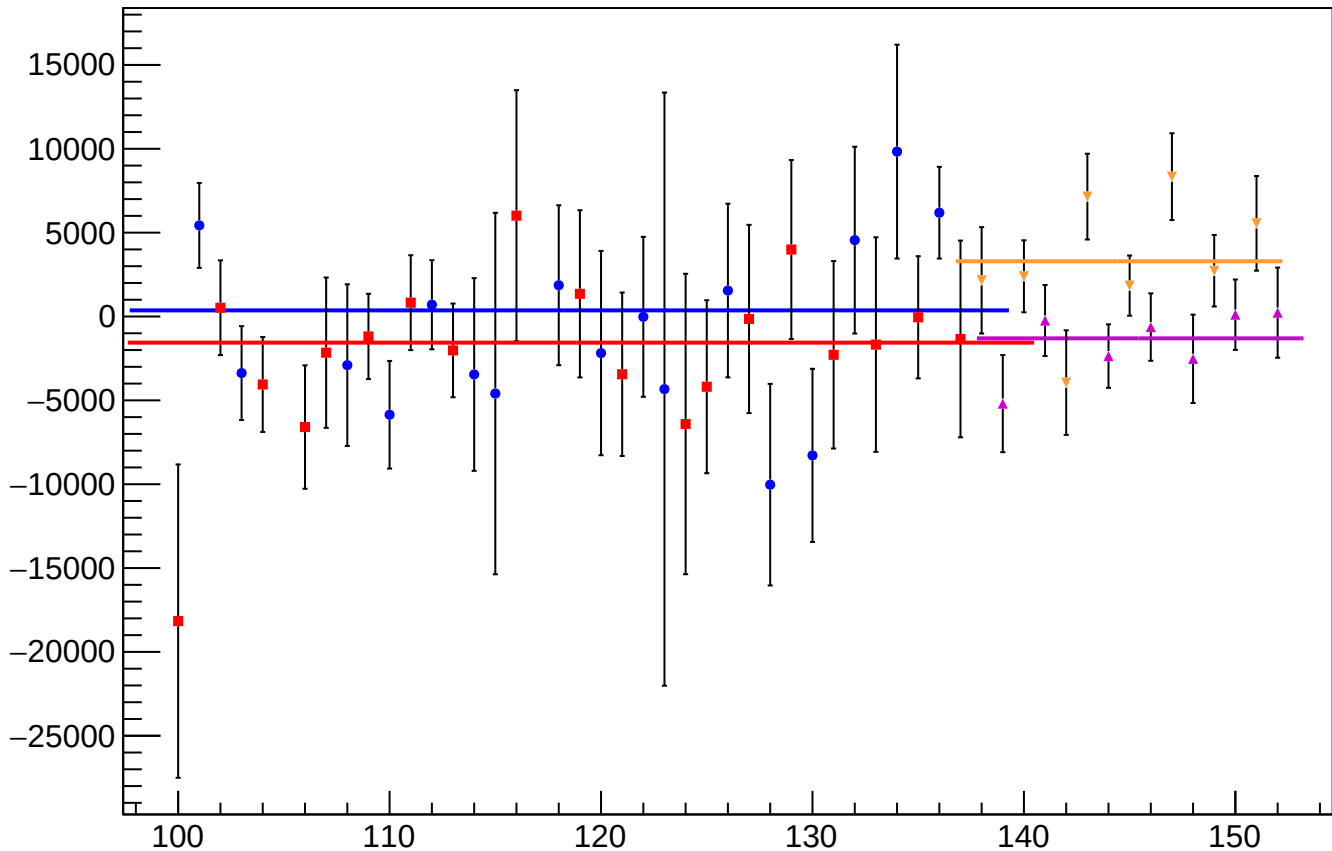
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2034.514+/-0.605 χ^2/NDF :231901.6/6

Out: 2020.411+/-0.607 χ^2/NDF :335308.4/7

All: 2027.483+/-0.428 χ^2/NDF : 567481.1/14

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454 $\pm$ 992.480 χ^2/NDF : 24.2/16

Left Out: 3295.122 $\pm$ 852.010 χ^2/NDF :13.1/7

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: 996.013 $\pm$ 602.394 χ^2/NDF : 31.2/14

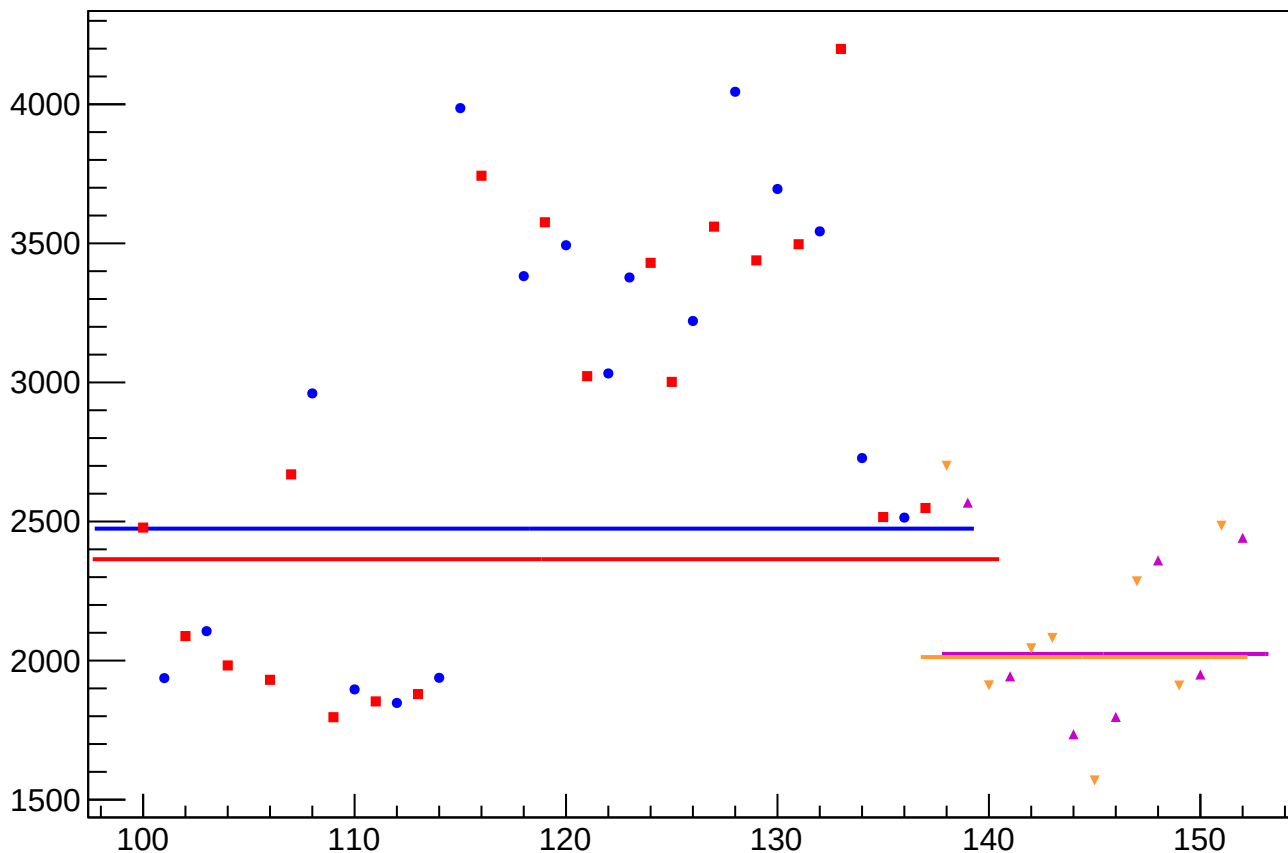
Right: -664.120 $\pm$ 676.282 χ^2/NDF : 36.7/35

In: -594.321 $\pm$ 646.387 χ^2/NDF :29.3/23

Out: 1065.246 $\pm$ 626.369 χ^2/NDF :38.6/26

All: 261.558 $\pm$ 449.820 χ^2/NDF : 71.2/50

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389 +/- 0.702 χ^2/NDF : 906262.1/16

Left Out: 2012.589 +/- 0.602 χ^2/NDF : 305091.1/7

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: 2018.221 +/- 0.426 χ^2/NDF : 534044.3/14

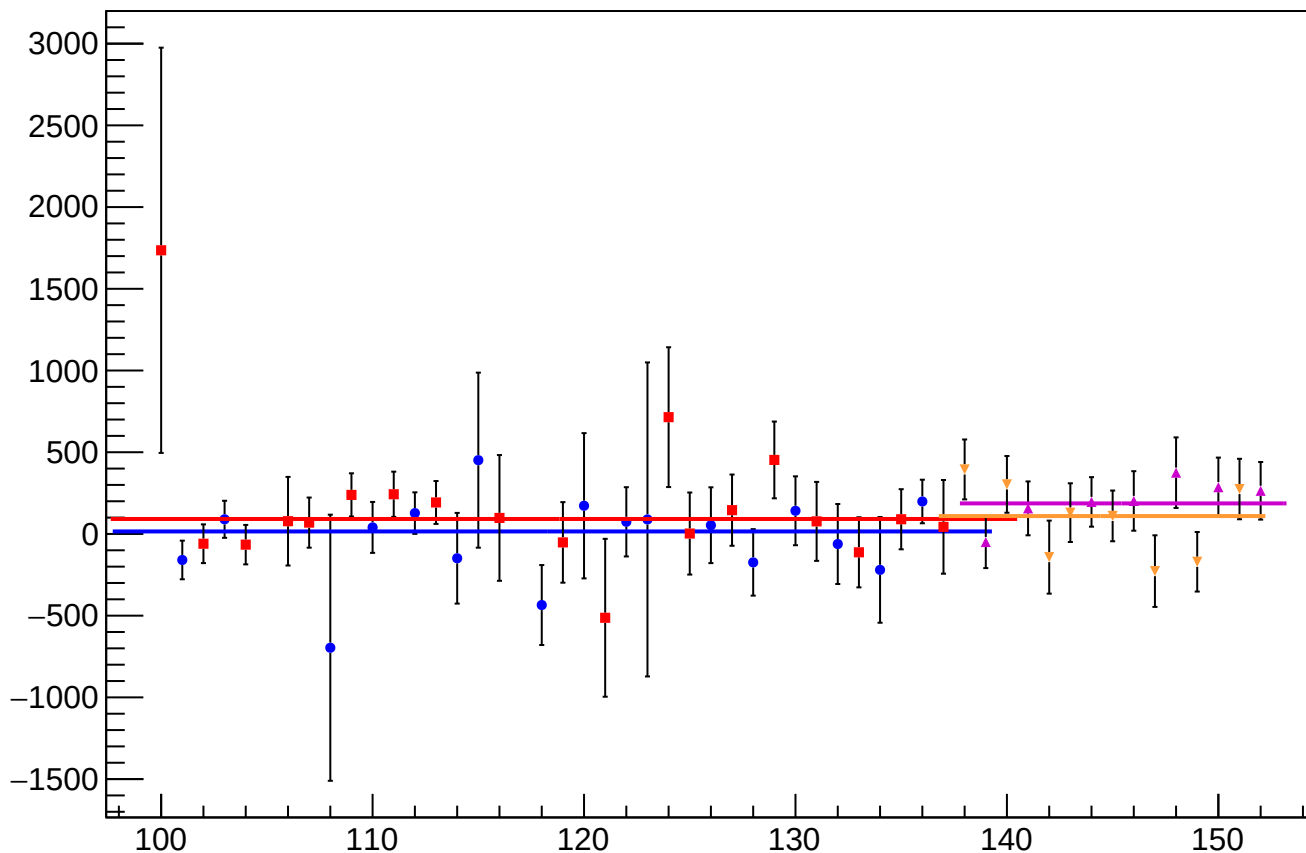
Right: 2415.527 +/- 0.478 χ^2/NDF : 1942797.3/35

In: 2214.956 +/- 0.457 χ^2/NDF : 1372365.1/23

Out: 2174.306 +/- 0.443 χ^2/NDF : 1485290.9/26

All: 2193.992 +/- 0.318 χ^2/NDF : 2861735.2/50

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303 $\pm$ 46.443 χ^2/NDF : 12.6/16

Left Out: 109.363 $\pm$ 65.127 χ^2/NDF : 10.5/7

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: 147.992 $\pm$ 46.141 χ^2/NDF : 14.7/14

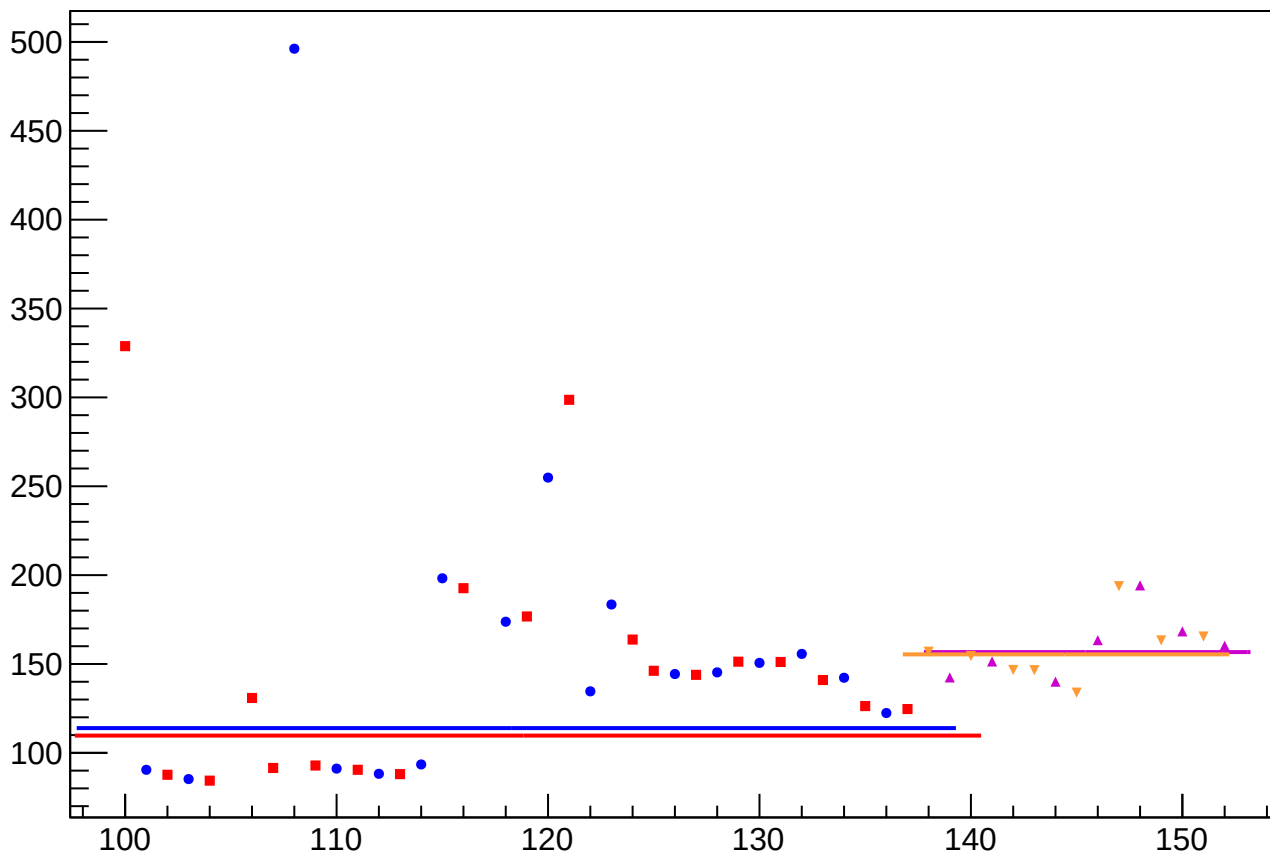
Right: 56.123 $\pm$ 31.678 χ^2/NDF : 29.7/35

In: 72.860 $\pm$ 37.863 χ^2/NDF : 20.6/23

Out: 97.072 $\pm$ 36.068 χ^2/NDF : 26.2/26

All: 85.553 $\pm$ 26.116 χ^2/NDF : 47.0/50

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 155.410 $\pm$ 0.046 χ^2 /NDF:117713.5/7

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: 156.054 $\pm$ 0.033 χ^2 /NDF: 232438.0/14

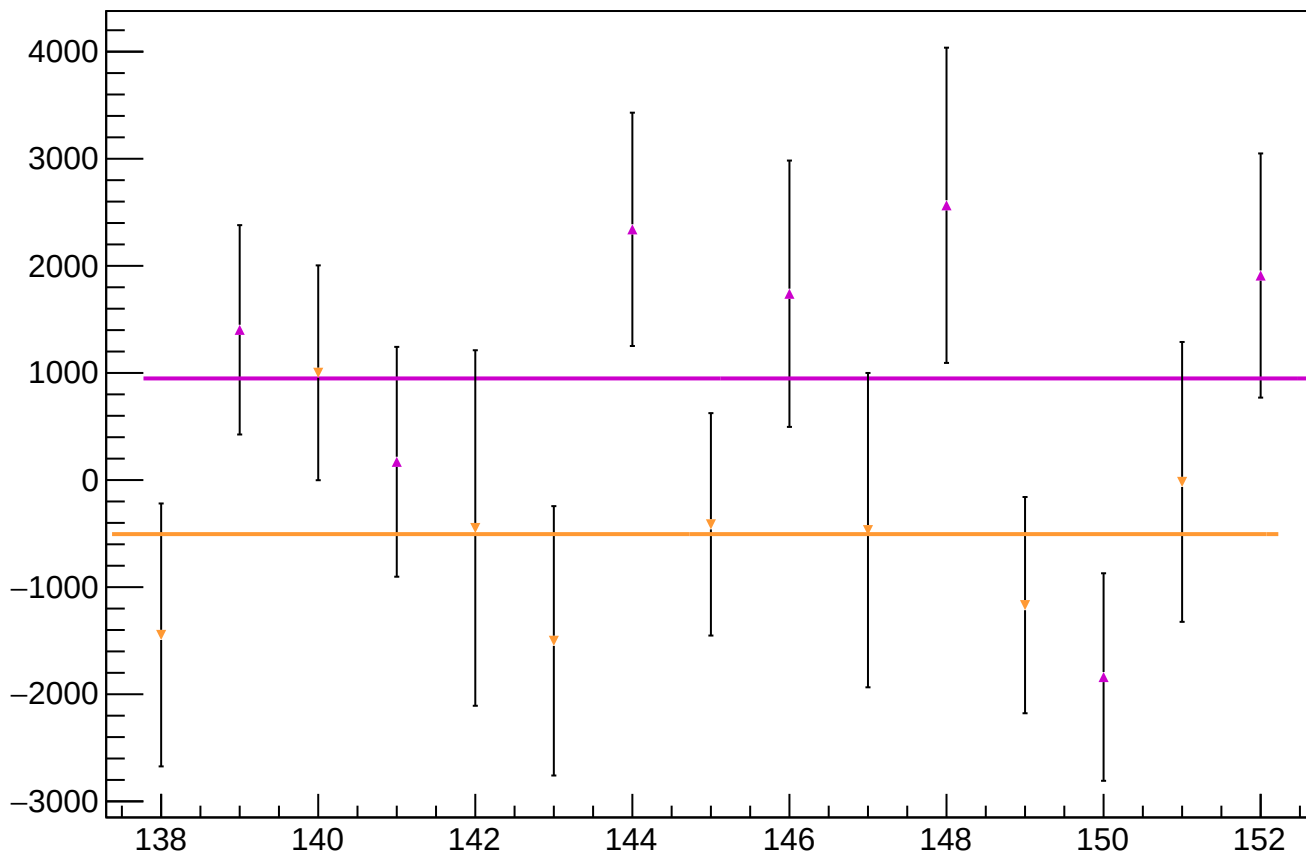
Right: 111.674 $\pm$ 0.022 χ^2 /NDF: 2658703.6/35

In: 128.276 $\pm$ 0.027 χ^2 /NDF:2091059.4/23

Out: 123.727 $\pm$ 0.026 χ^2 /NDF:2042492.9/26

All: 125.891 $\pm$ 0.018 χ^2 /NDF: 4148691.4/50

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -504.772+/-422.143 χ^2/NDF : 4.1/7

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: 227.760+/-297.312 χ^2/NDF : 23.0/14

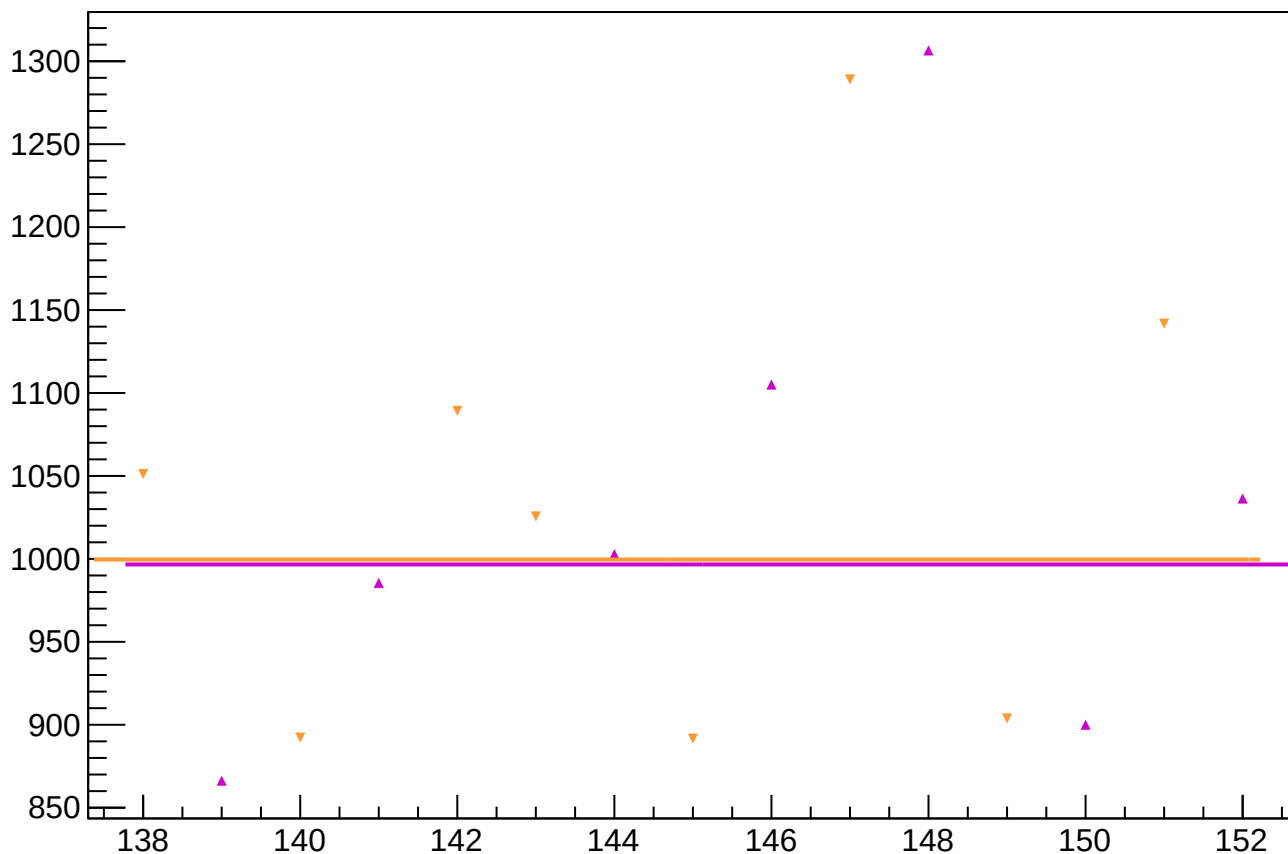
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 948.738+/-418.801 χ^2/NDF : 13.0/6

Out: -504.772+/-422.143 χ^2/NDF : 4.1/7

All: 227.760+/-297.312 χ^2/NDF : 23.0/14

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 999.623+/-0.299 χ^2/NDF :174237.2/7

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: 998.128+/-0.210 χ^2/NDF : 336325.3/14

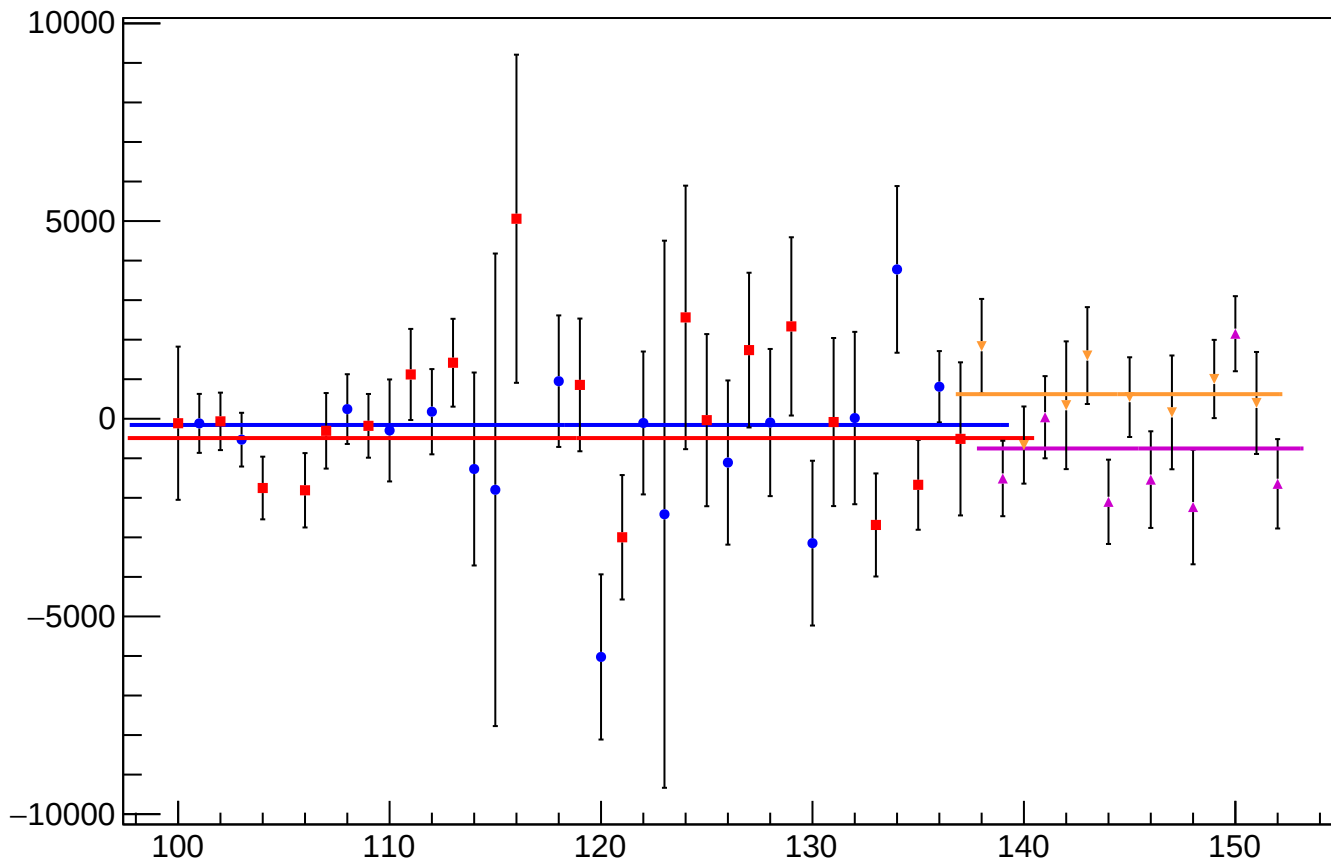
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 996.655+/-0.296 χ^2/NDF :162038.2/6

Out: 999.623+/-0.299 χ^2/NDF :174237.2/7

All: 998.128+/-0.210 χ^2/NDF : 336325.3/14

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178 ± 312.499 $\chi^2/\text{NDF}: 16.2/16$

Left Out: 621.921 ± 412.122 $\chi^2/\text{NDF}: 3.7/7$

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: -68.089 ± 290.758 $\chi^2/\text{NDF}: 23.5/14$

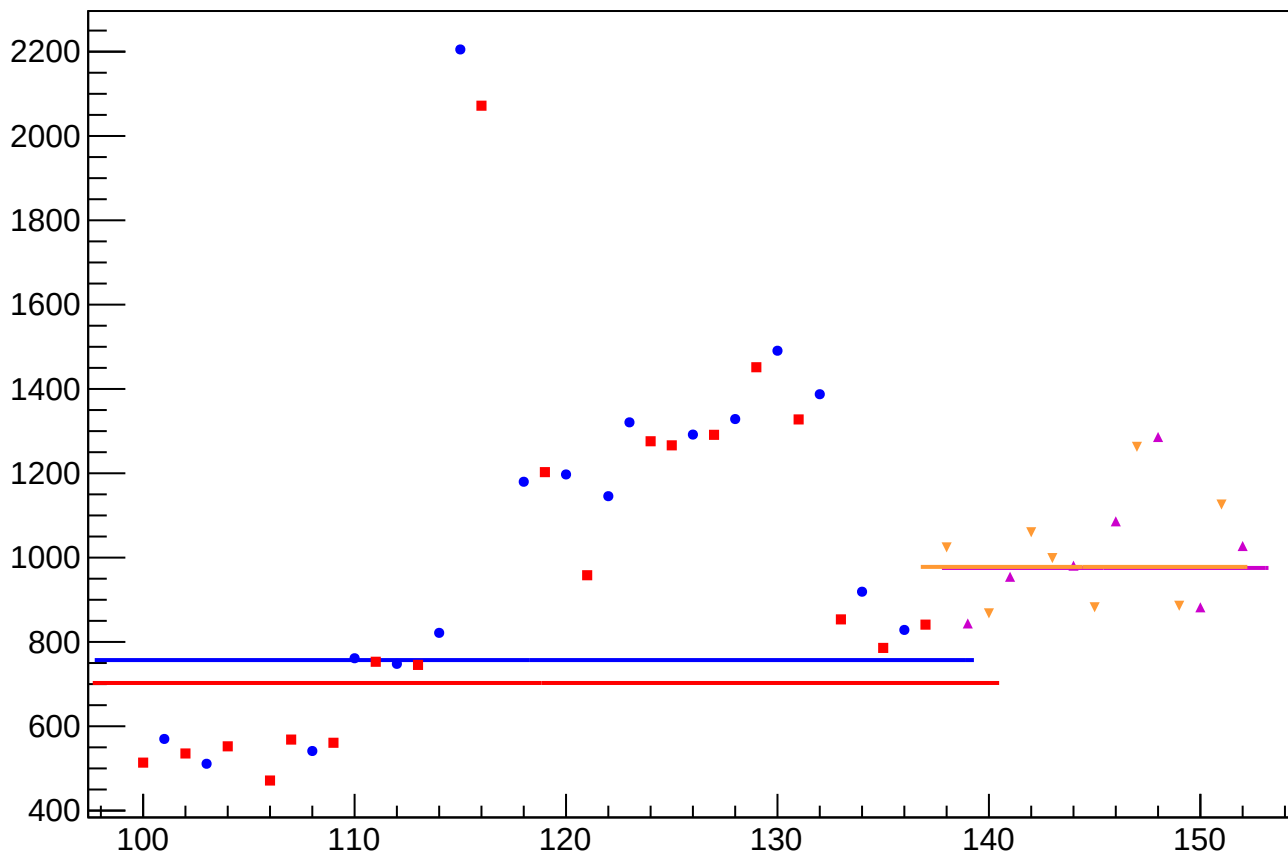
Right: -339.397 ± 209.669 $\chi^2/\text{NDF}: 39.5/35$

In: -375.541 ± 248.598 $\chi^2/\text{NDF}: 31.8/23$

Out: -133.144 ± 233.157 $\chi^2/\text{NDF}: 31.3/26$

All: -246.581 ± 170.064 $\chi^2/\text{NDF}: 63.6/50$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 977.980+/-0.291 χ^2/NDF : 174267.4/7

Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

Left In: 975.501+/-0.290 χ^2/NDF : 170718.7/6

Left: 976.735+/-0.206 χ^2/NDF : 345022.4/14

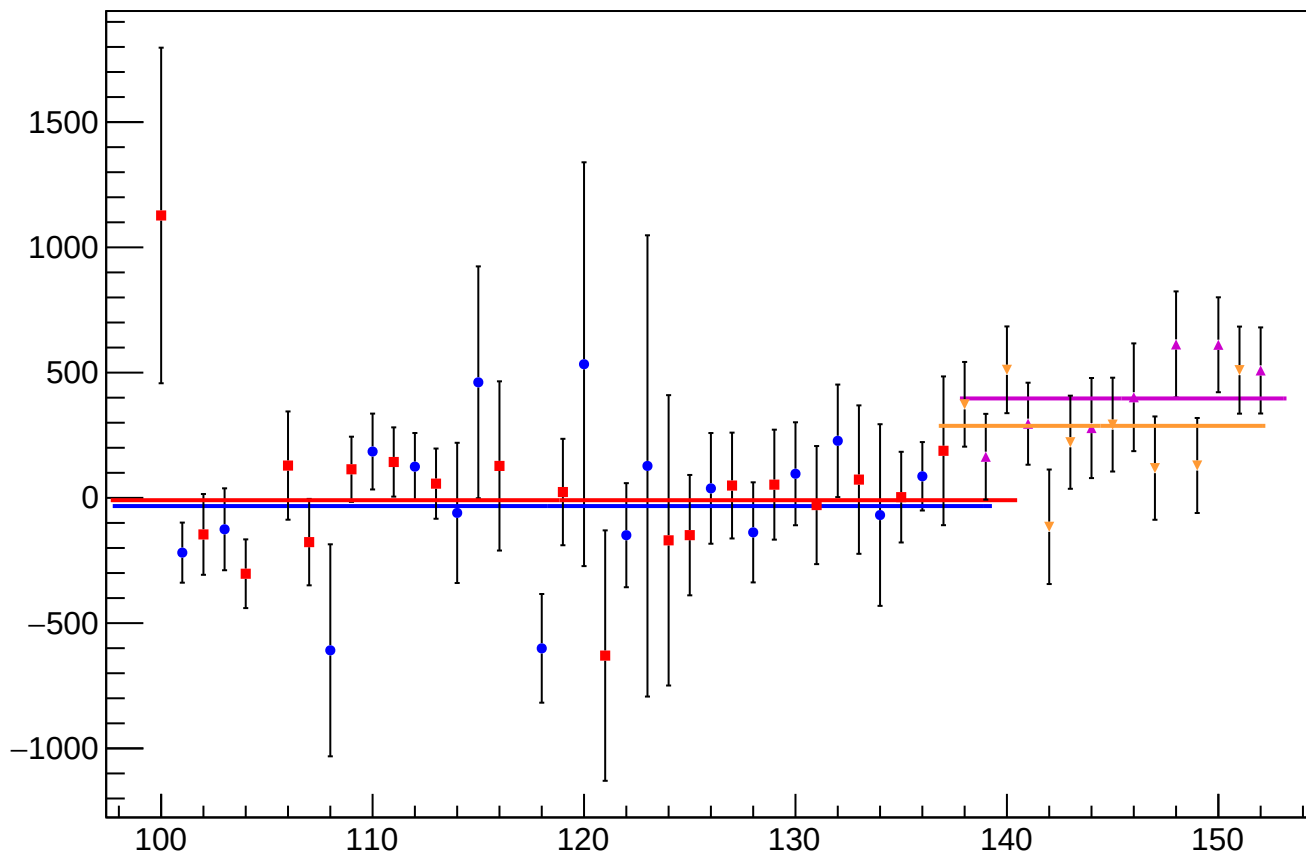
Right: 727.113+/-0.148 χ^2/NDF : 3434103.1/35

In: 837.214+/-0.176 χ^2/NDF : 2241048.5/23

Out: 790.779+/-0.165 χ^2/NDF : 2470765.1/26

All: 812.510+/-0.120 χ^2/NDF : 4748938.5/50

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 287.535 ± 66.029 $\chi^2/\text{NDF}: 8.2/7$

Right Out: -9.277 ± 45.600 $\chi^2/\text{NDF}: 14.7/18$

Left In: 396.881 ± 70.334 $\chi^2/\text{NDF}: 5.3/6$

Left: 338.759 ± 48.139 $\chi^2/\text{NDF}: 14.8/14$

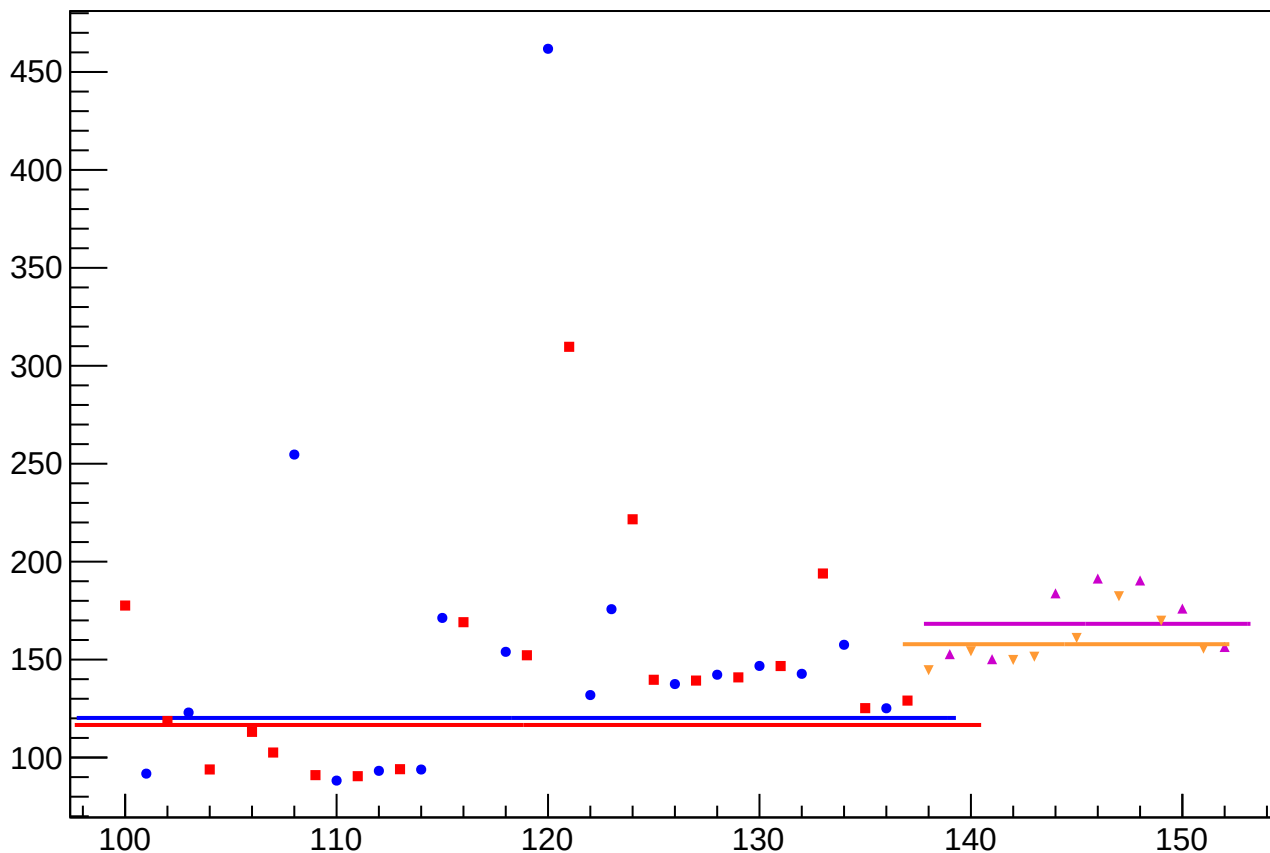
Right: -20.281 ± 33.200 $\chi^2/\text{NDF}: 34.6/35$

In: 105.478 ± 39.889 $\chi^2/\text{NDF}: 50.4/23$

Out: 86.570 ± 37.522 $\chi^2/\text{NDF}: 36.5/26$

All: 95.446 ± 27.330 $\chi^2/\text{NDF}: 87.0/50$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 ± 0.034 χ^2/NDF : 1062326.6/16

Left Out: 157.856 ± 0.047 χ^2/NDF : 55147.4/7

Right Out: 116.618 ± 0.032 χ^2/NDF : 997956.6/18

Left In: 168.257 ± 0.050 χ^2/NDF : 110618.8/6

Left: 162.728 ± 0.034 χ^2/NDF : 189014.0/14

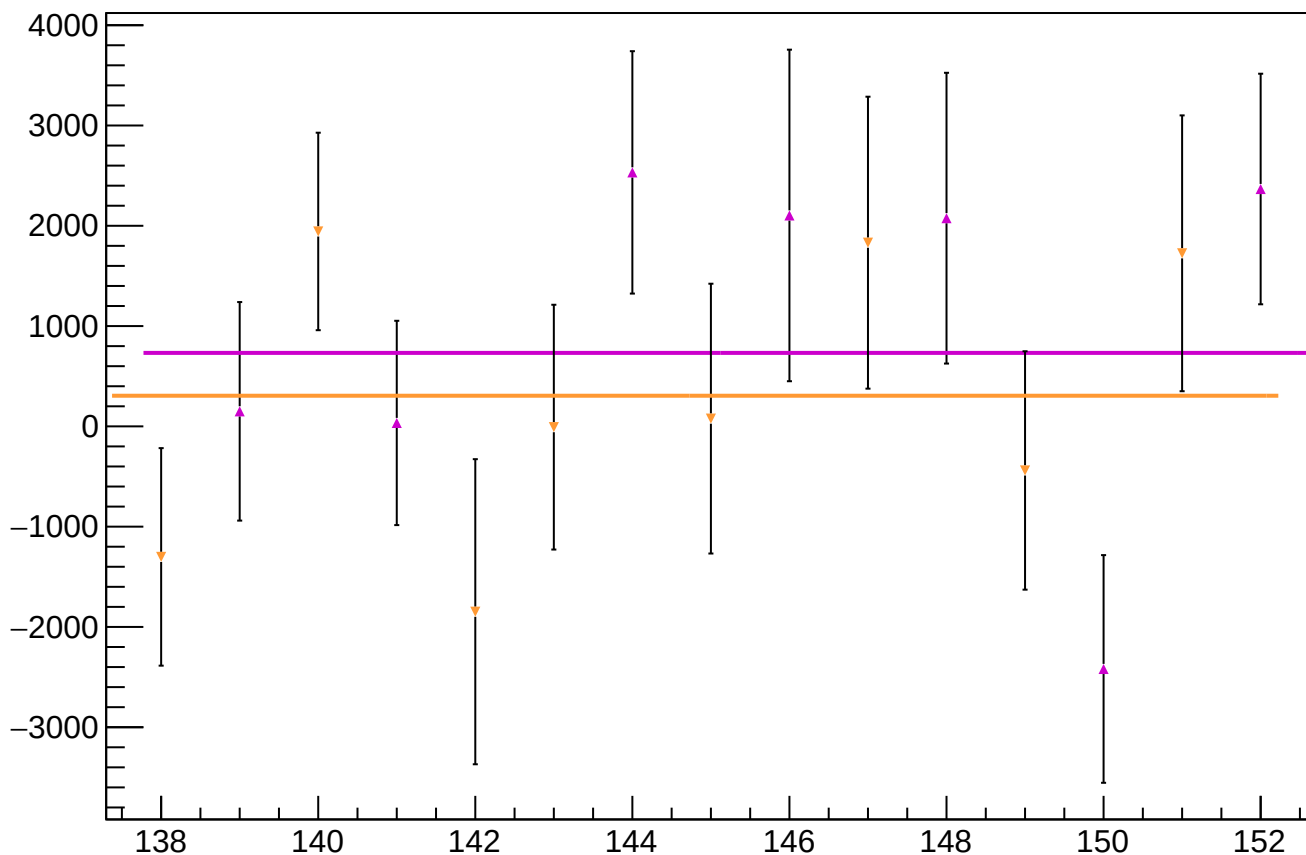
Right: 118.304 ± 0.023 χ^2/NDF : 2066104.2/35

In: 135.662 ± 0.028 χ^2/NDF : 1806152.4/23

Out: 129.935 ± 0.027 χ^2/NDF : 1581298.3/26

All: 132.623 ± 0.019 χ^2/NDF : 3409325.8/50

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 305.469+/-436.578 χ^2/NDF :9.6/7

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: 510.980+/-314.469 χ^2/NDF : 24.3/14

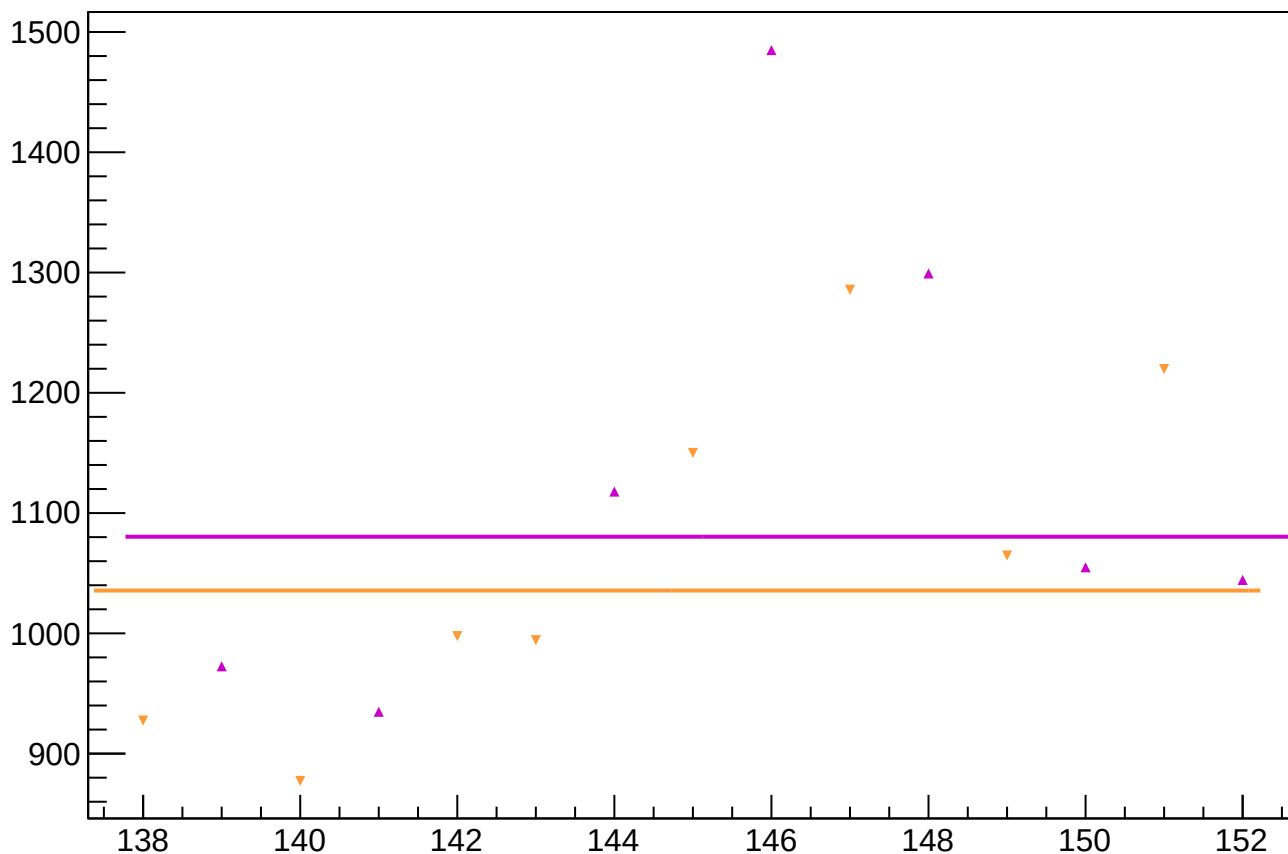
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 732.583+/-453.348 χ^2/NDF :14.2/6

Out: 305.469+/-436.578 χ^2/NDF :9.6/7

All: 510.980+/-314.469 χ^2/NDF : 24.3/14

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1035.580+/-0.309 χ^2/NDF :185684.2/7

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: 1057.125+/-0.222 χ^2/NDF : 426503.7/14

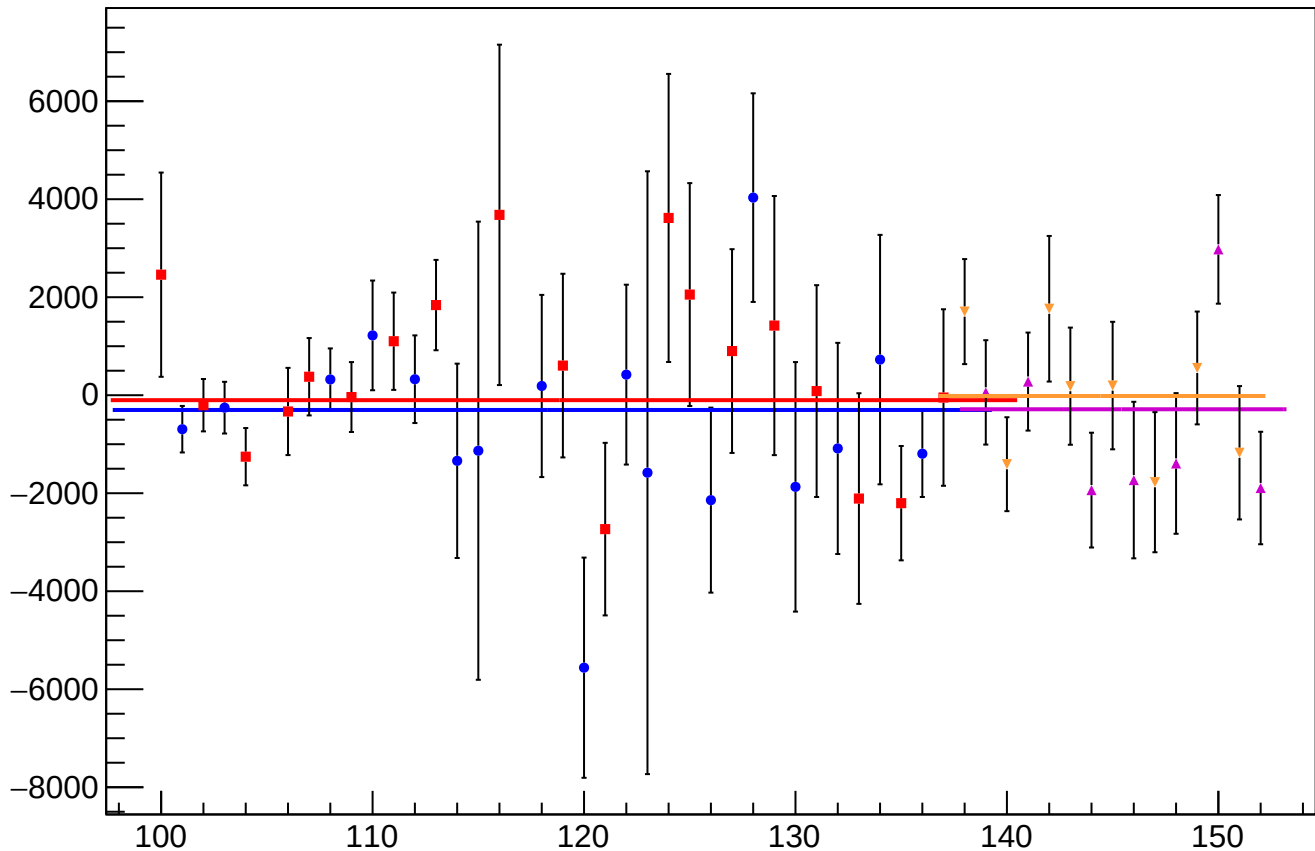
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1080.357+/-0.321 χ^2/NDF :230696.4/6

Out: 1035.580+/-0.309 χ^2/NDF :185684.2/7

All: 1057.125+/-0.222 χ^2/NDF : 426503.7/14

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 $\pm$ 250.042 χ^2 /NDF: 16.8/16

Left Out: -15.688 $\pm$ 426.906 χ^2 /NDF:8.7/7

Right Out: -100.857 $\pm$ 245.981 χ^2 /NDF: 22.5/18

Left In: -286.851 $\pm$ 444.544 χ^2 /NDF:14.4/6

Left: -145.783 $\pm$ 307.915 χ^2 /NDF: 23.3/14

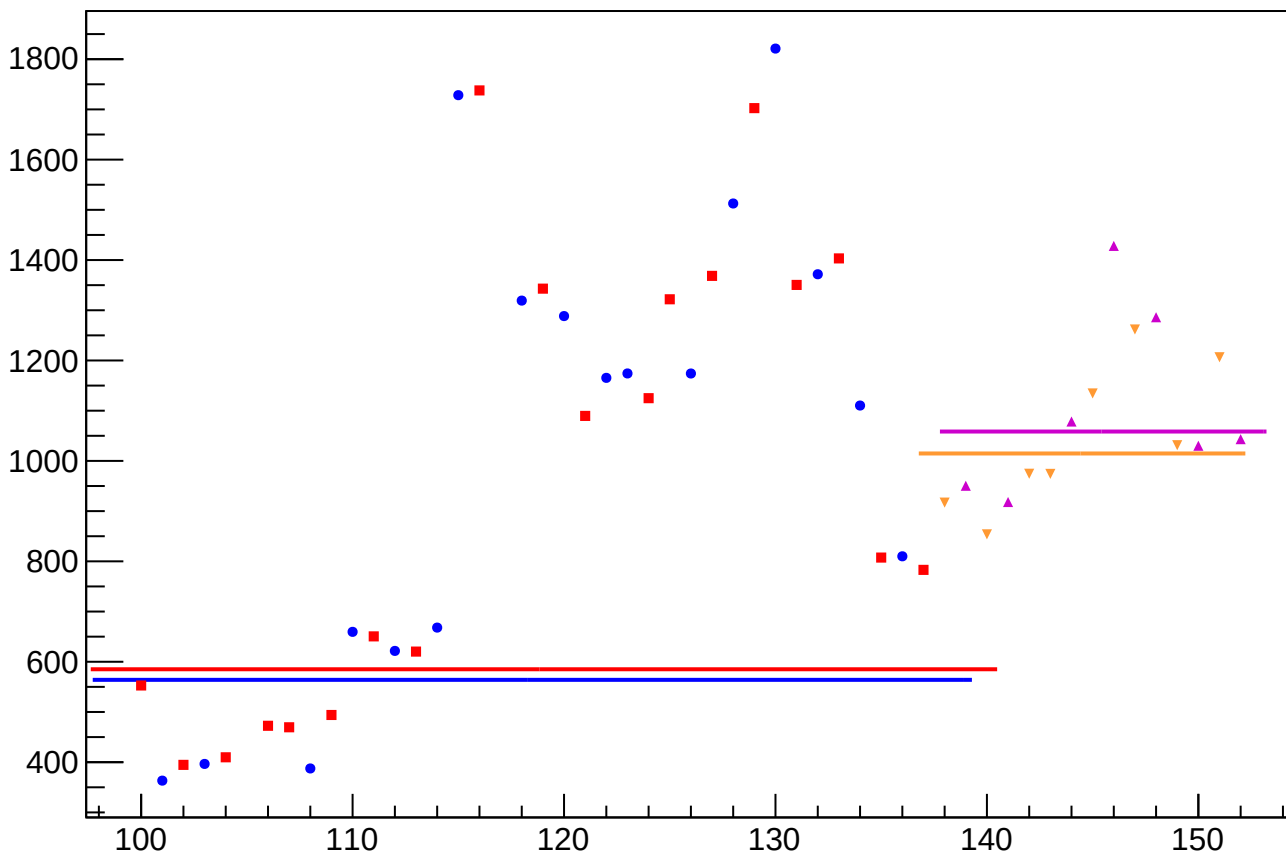
Right: -199.290 $\pm$ 175.353 χ^2 /NDF: 39.7/35

In: -297.599 $\pm$ 217.934 χ^2 /NDF:31.3/23

Out: -79.629 $\pm$ 213.132 χ^2 /NDF:31.2/26

All: -186.187 $\pm$ 152.376 χ^2 /NDF: 63.0/50

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1014.792 $\pm$ 0.302 χ^2 /NDF:193584.5/7

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: 1035.758 $\pm$ 0.218 χ^2 /NDF: 423268.7/14

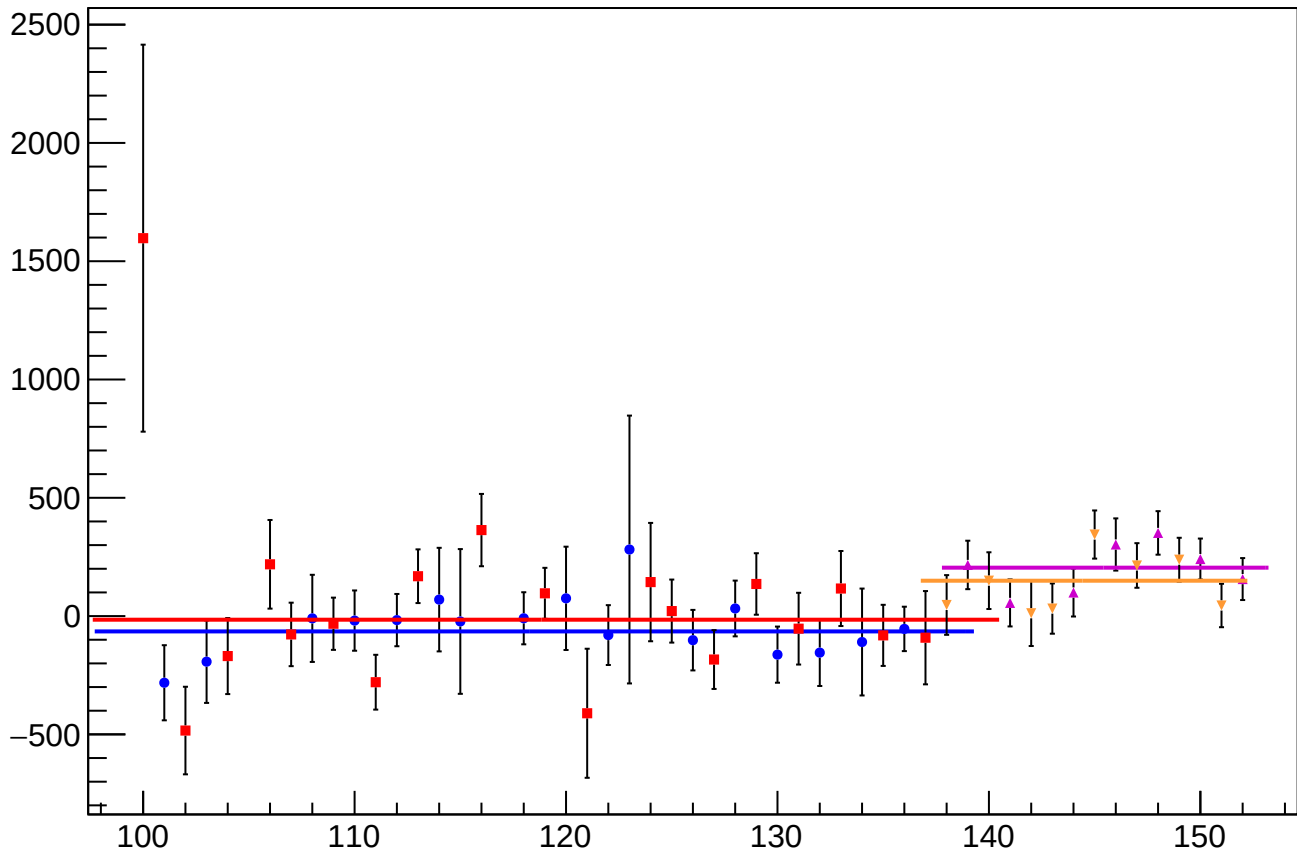
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 682.847 $\pm$ 0.154 χ^2 /NDF:5361018.8/23

Out: 692.178 $\pm$ 0.151 χ^2 /NDF:4535800.6/26

All: 687.616 $\pm$ 0.108 χ^2 /NDF: 9898693.4/50

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 $\chi^2/\text{NDF}: 6.2/16$

Left Out: 149.504 ± 37.335 $\chi^2/\text{NDF}: 9.2/7$

Right Out: -15.294 ± 33.422 $\chi^2/\text{NDF}: 35.0/18$

Left In: 204.641 ± 36.404 $\chi^2/\text{NDF}: 7.1/6$

Left: 177.769 ± 26.064 $\chi^2/\text{NDF}: 17.5/14$

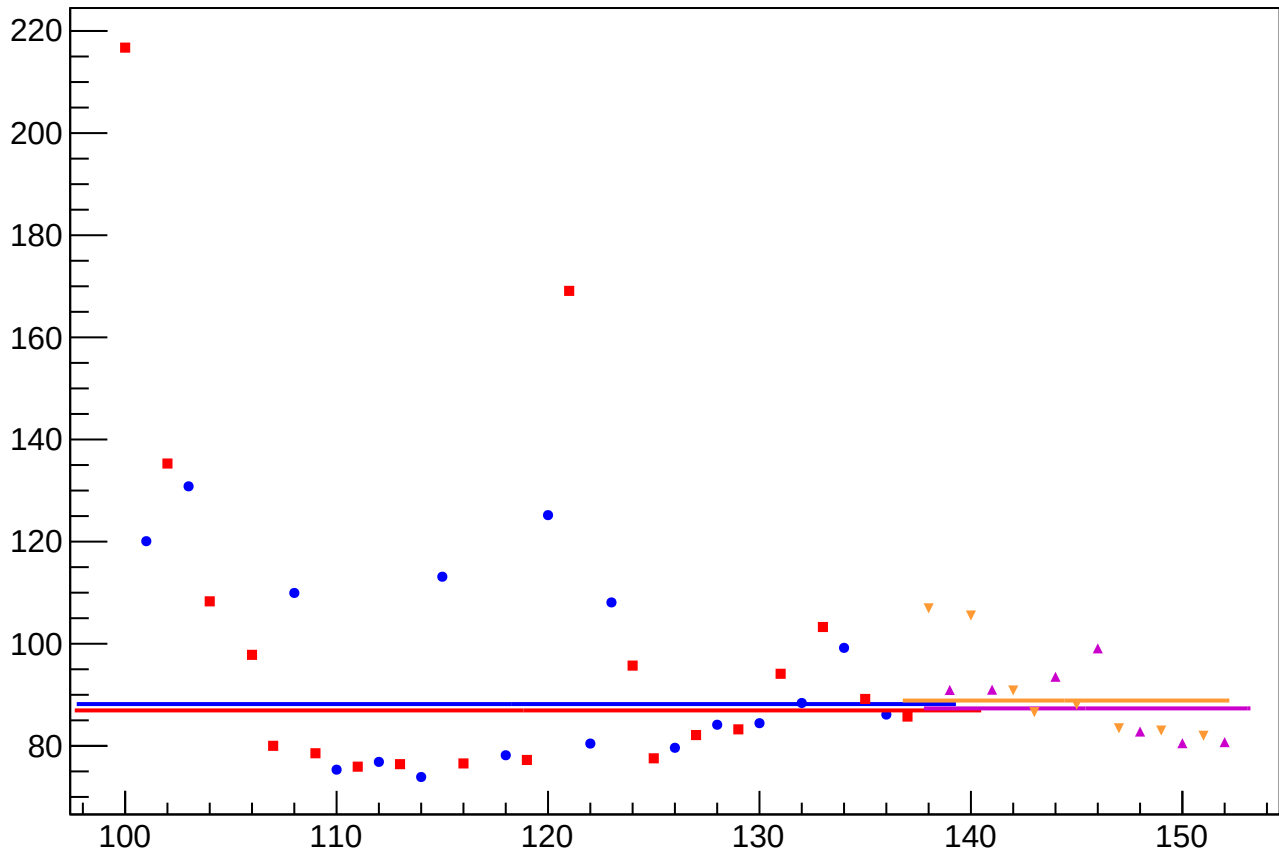
Right: -39.167 ± 24.048 $\chi^2/\text{NDF}: 42.2/35$

In: 63.195 ± 25.091 $\chi^2/\text{NDF}: 42.1/23$

Out: 58.019 ± 24.902 $\chi^2/\text{NDF}: 55.0/26$

All: 60.587 ± 17.675 $\chi^2/\text{NDF}: 97.1/50$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2/NDF : 394447.7/16

Left Out: 88.878 $\pm$ 0.026 χ^2/NDF : 106976.2/7

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: 88.089 $\pm$ 0.018 χ^2/NDF : 172439.2/14

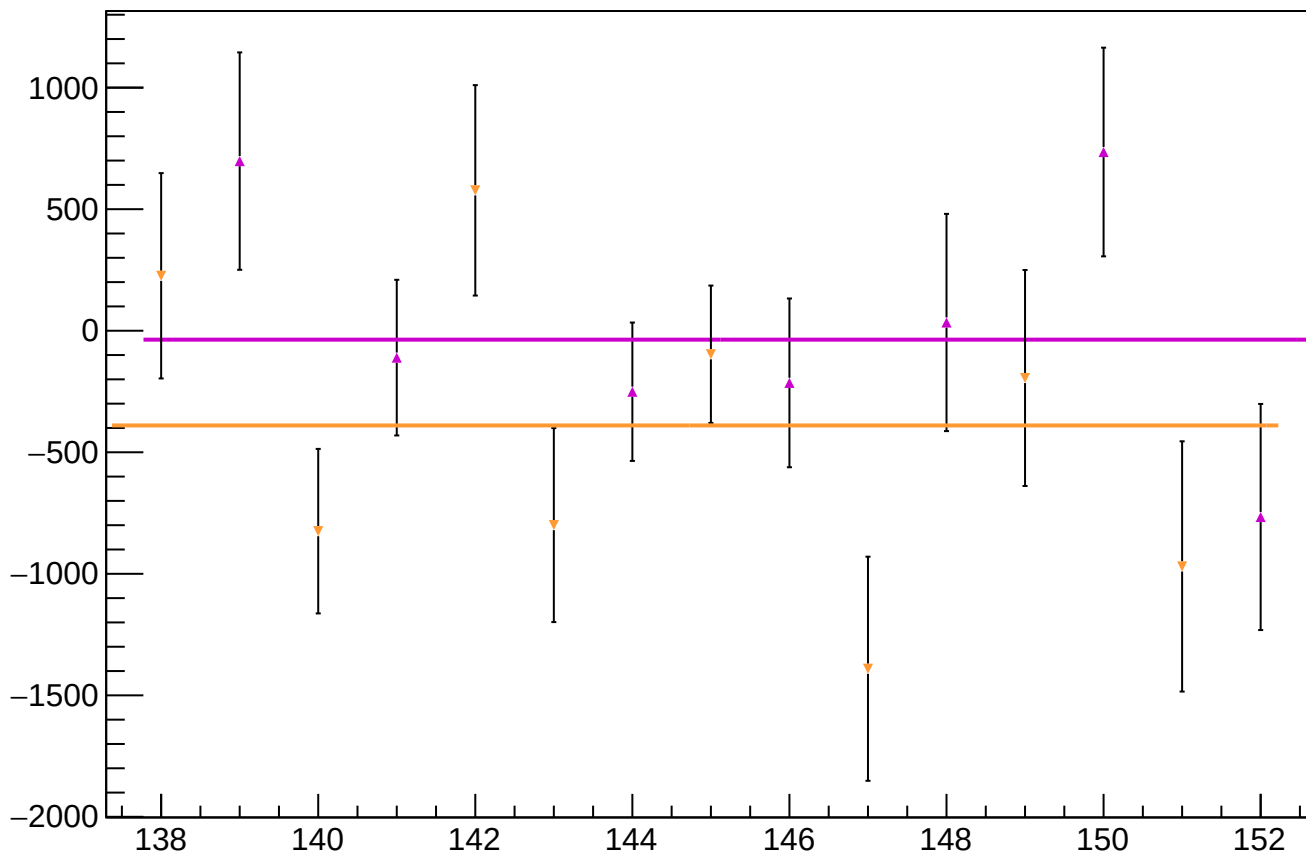
Right: 87.542 $\pm$ 0.017 χ^2/NDF : 927142.1/35

In: 87.783 $\pm$ 0.018 χ^2/NDF : 458737.0/23

Out: 87.804 $\pm$ 0.018 χ^2/NDF : 641318.4/26

All: 87.794 $\pm$ 0.012 χ^2/NDF : 1100056.0/50

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -389.591+/-138.631 χ^2/NDF : 17.1/7

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: -215.849+/-98.776 χ^2/NDF : 29.6/14

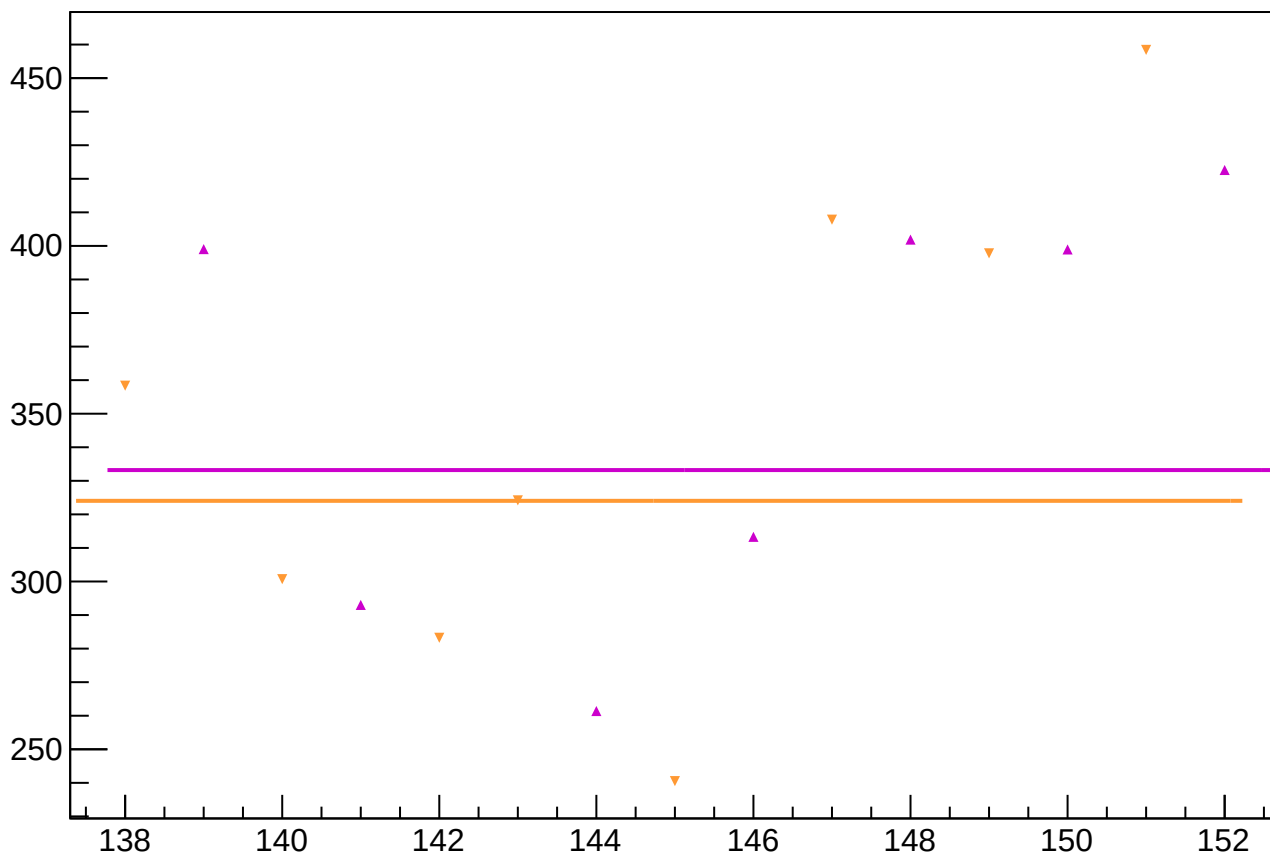
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.693+/-140.774 χ^2/NDF : 9.3/6

Out: -389.591+/-138.631 χ^2/NDF : 17.1/7

All: -215.849+/-98.776 χ^2/NDF : 29.6/14

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 324.037+/-0.098 χ^2/NDF : 472789.9/7

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: 328.550+/-0.070 χ^2/NDF : 853931.2/14

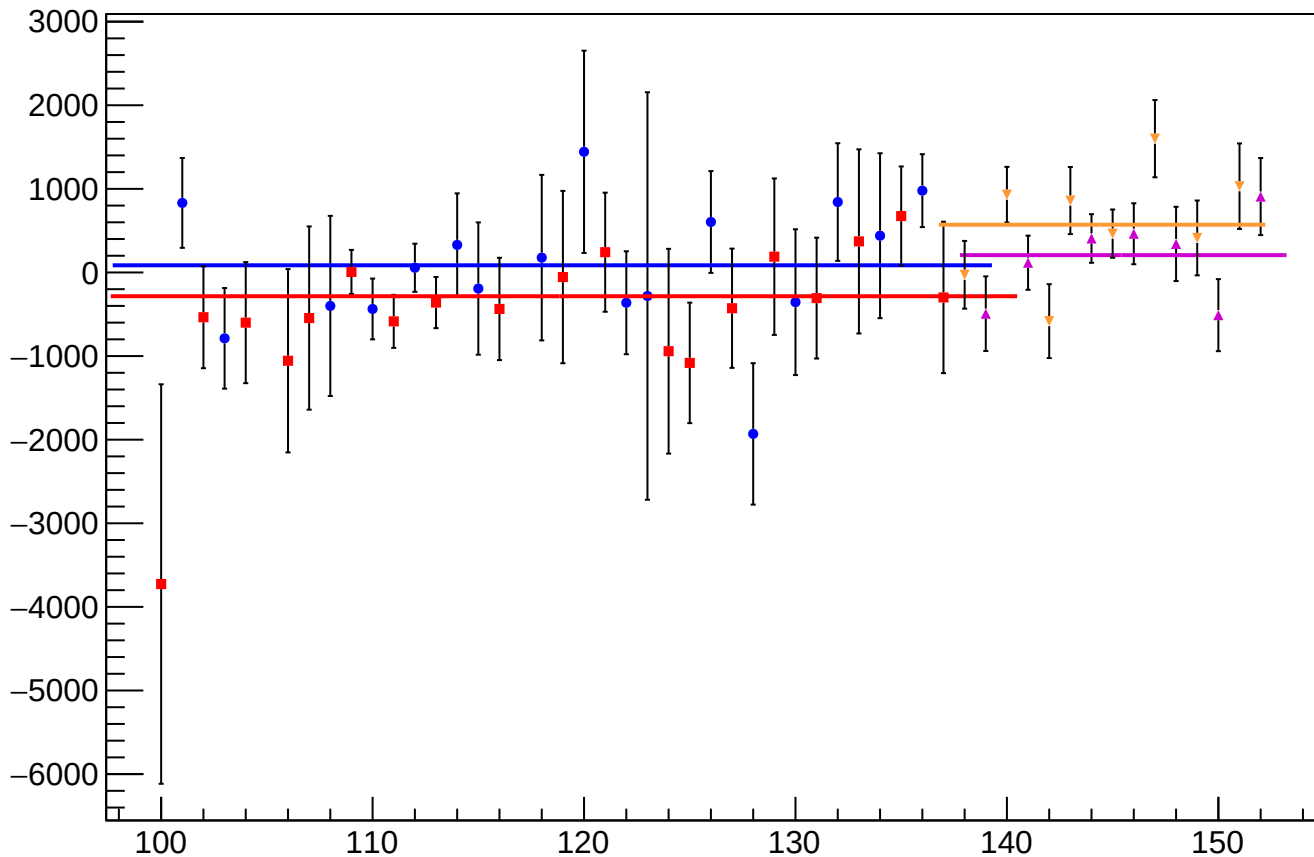
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 333.204+/-0.100 χ^2/NDF : 376835.7/6

Out: 324.037+/-0.098 χ^2/NDF : 472789.9/7

All: 328.550+/-0.070 χ^2/NDF : 853931.2/14

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 $\chi^2/\text{NDF}: 20.6/16$

Left Out: 571.061 ± 138.680 $\chi^2/\text{NDF}: 16.7/7$

Right Out: -284.456 ± 129.599 $\chi^2/\text{NDF}: 10.6/18$

Left In: 207.429 ± 142.714 $\chi^2/\text{NDF}: 8.7/6$

Left: 394.456 ± 99.457 $\chi^2/\text{NDF}: 28.7/14$

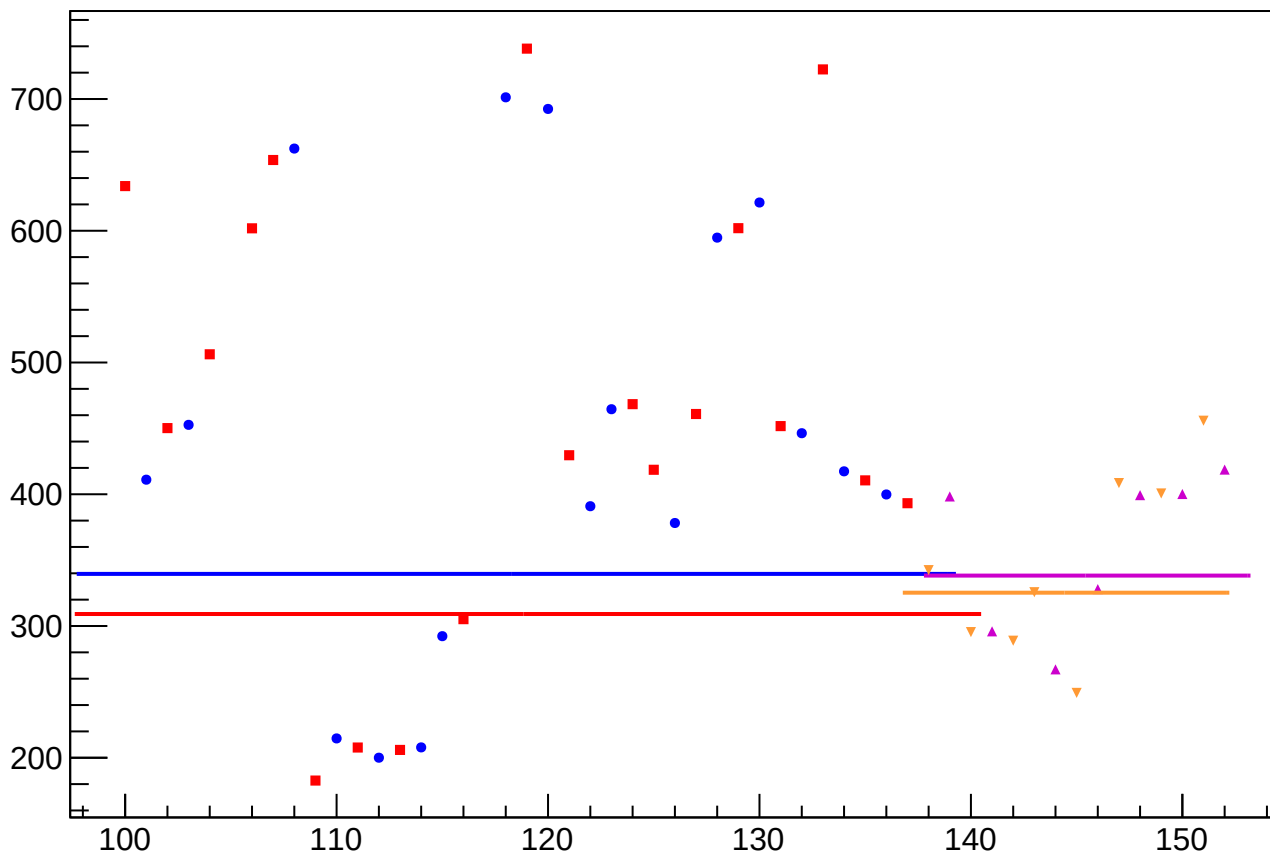
Right: -116.969 ± 95.908 $\chi^2/\text{NDF}: 34.9/35$

In: 146.571 ± 100.874 $\chi^2/\text{NDF}: 29.6/23$

Out: 114.376 ± 94.688 $\chi^2/\text{NDF}: 47.6/26$

All: 129.456 ± 69.038 $\chi^2/\text{NDF}: 77.3/50$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 325.290 $\pm$ 0.098 χ^2 /NDF:424307.6/7

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: 331.591 $\pm$ 0.070 χ^2 /NDF: 764811.7/14

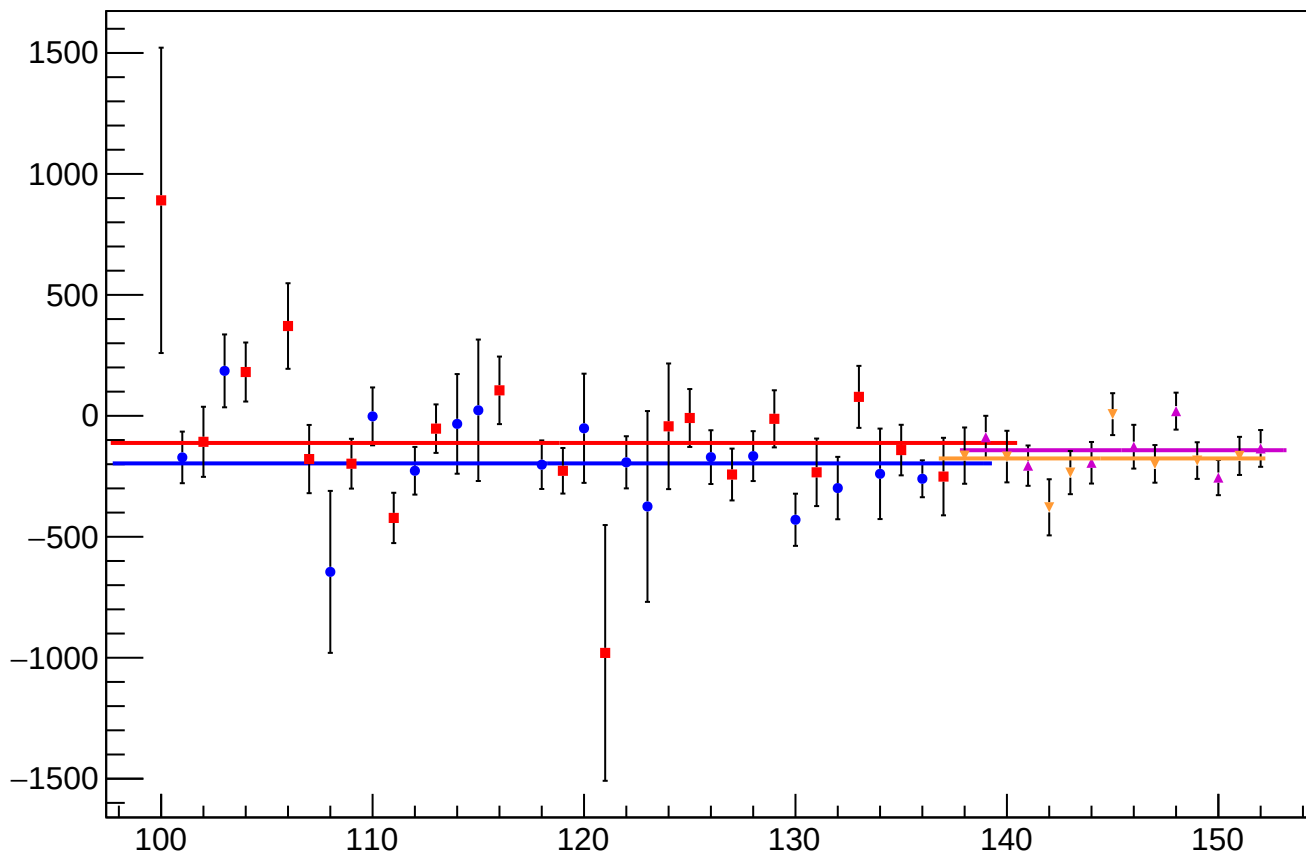
Right: 322.878 $\pm$ 0.068 χ^2 /NDF: 4822487.1/35

In: 338.909 $\pm$ 0.071 χ^2 /NDF:2374328.4/23

Out: 316.650 $\pm$ 0.067 χ^2 /NDF:3169157.7/26

All: 327.076 $\pm$ 0.049 χ^2 /NDF: 5595252.8/50

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -176.101 ± 31.692 χ^2/NDF : 8.1/7

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: -158.572 ± 22.042 χ^2/NDF : 16.9/14

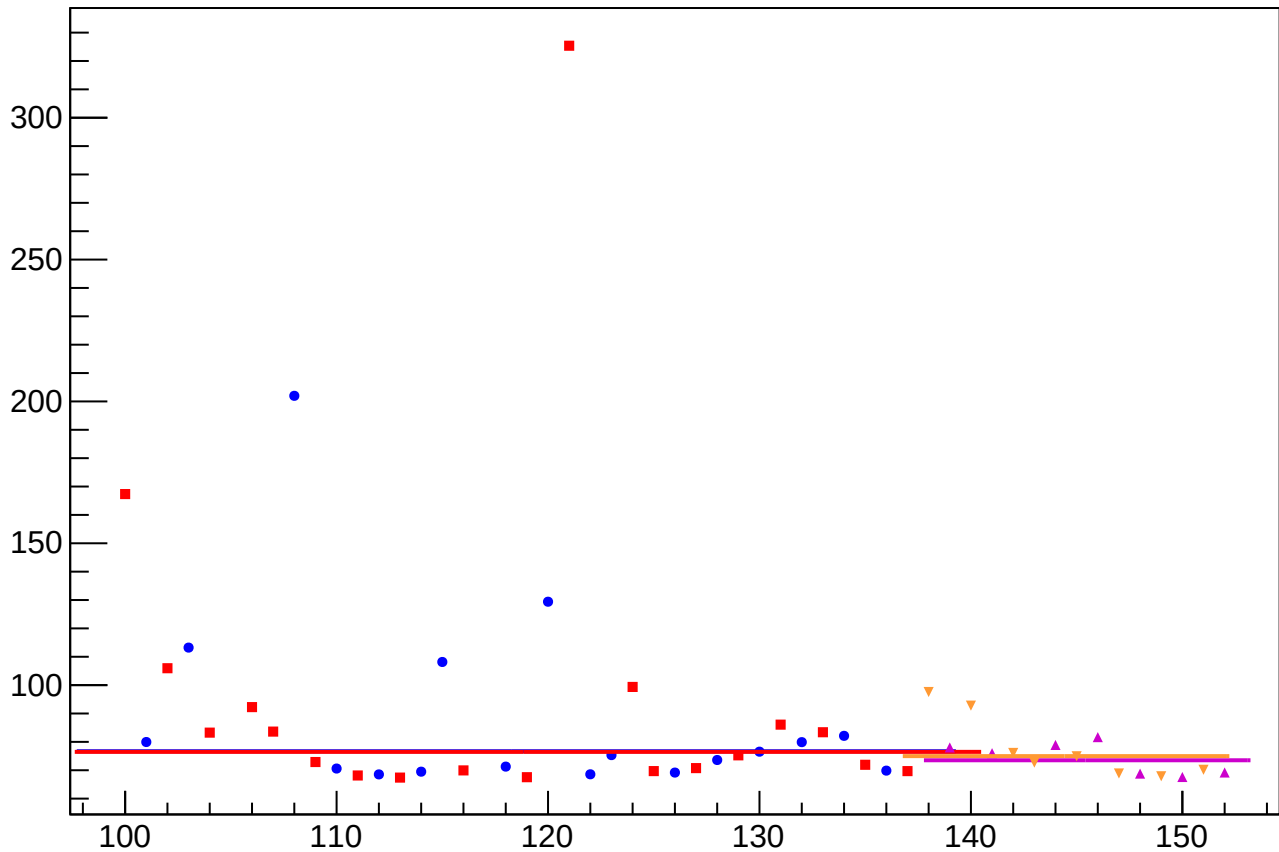
Right: -153.254 ± 21.215 χ^2/NDF : 62.3/35

In: -169.621 ± 21.593 χ^2/NDF : 28.9/23

Out: -141.940 ± 21.641 χ^2/NDF : 49.6/26

All: -155.812 ± 15.285 χ^2/NDF : 79.3/50

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 74.977 $\pm$ 0.022 χ^2 /NDF:170107.9/7

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: 74.222 $\pm$ 0.016 χ^2 /NDF: 230622.4/14

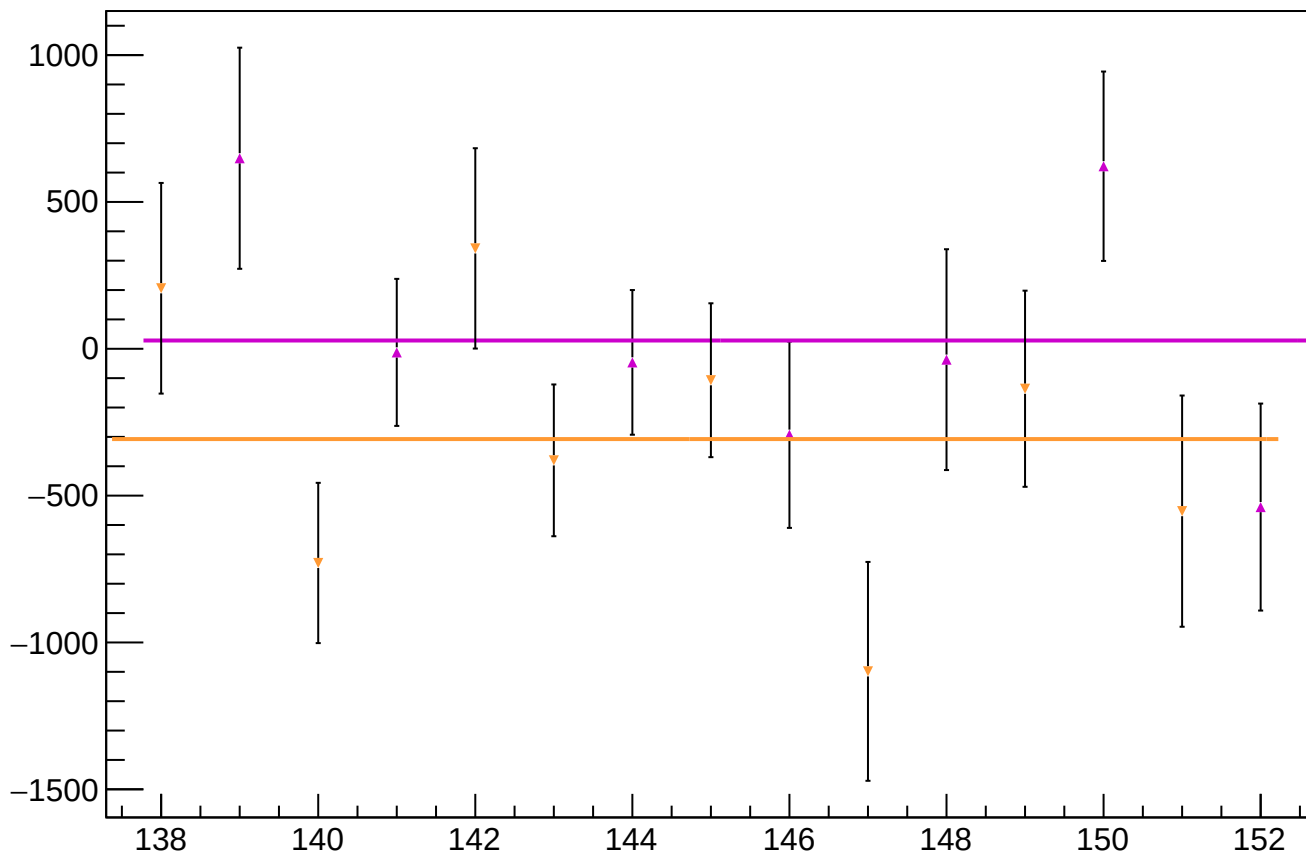
Right: 76.583 $\pm$ 0.015 χ^2 /NDF: 1299760.4/35

In: 75.118 $\pm$ 0.015 χ^2 /NDF:669491.9/23

Out: 75.779 $\pm$ 0.015 χ^2 /NDF:871866.5/26

All: 75.447 $\pm$ 0.011 χ^2 /NDF: 1542293.7/50

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -307.448+/-110.455 χ^2/NDF :13.9/7

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: -147.999+/-80.030 χ^2/NDF : 28.1/14

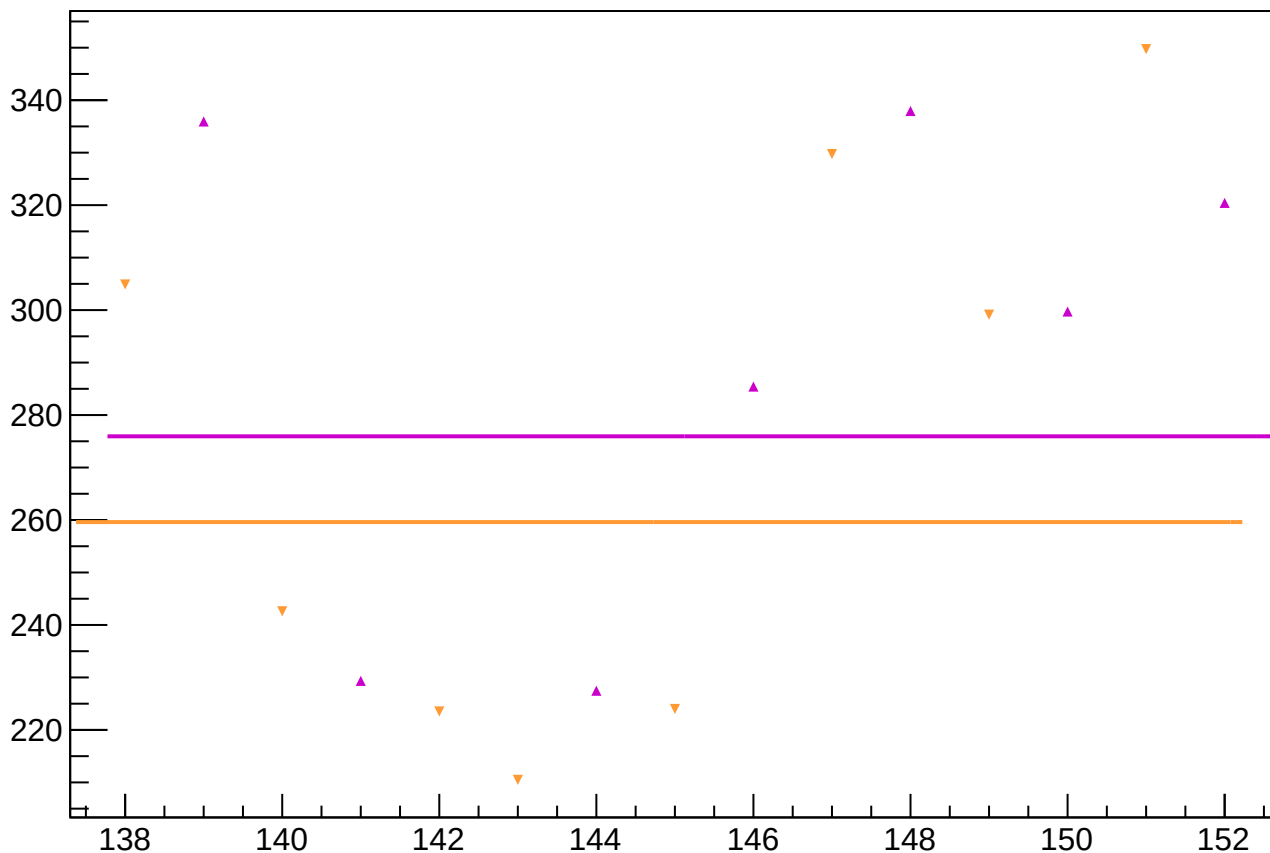
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.219+/-116.118 χ^2/NDF :9.9/6

Out: -307.448+/-110.455 χ^2/NDF :13.9/7

All: -147.999+/-80.030 χ^2/NDF : 28.1/14

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 259.606+/-0.078 χ^2/NDF : 374877.1/7

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: 267.369+/-0.057 χ^2/NDF : 692138.7/14

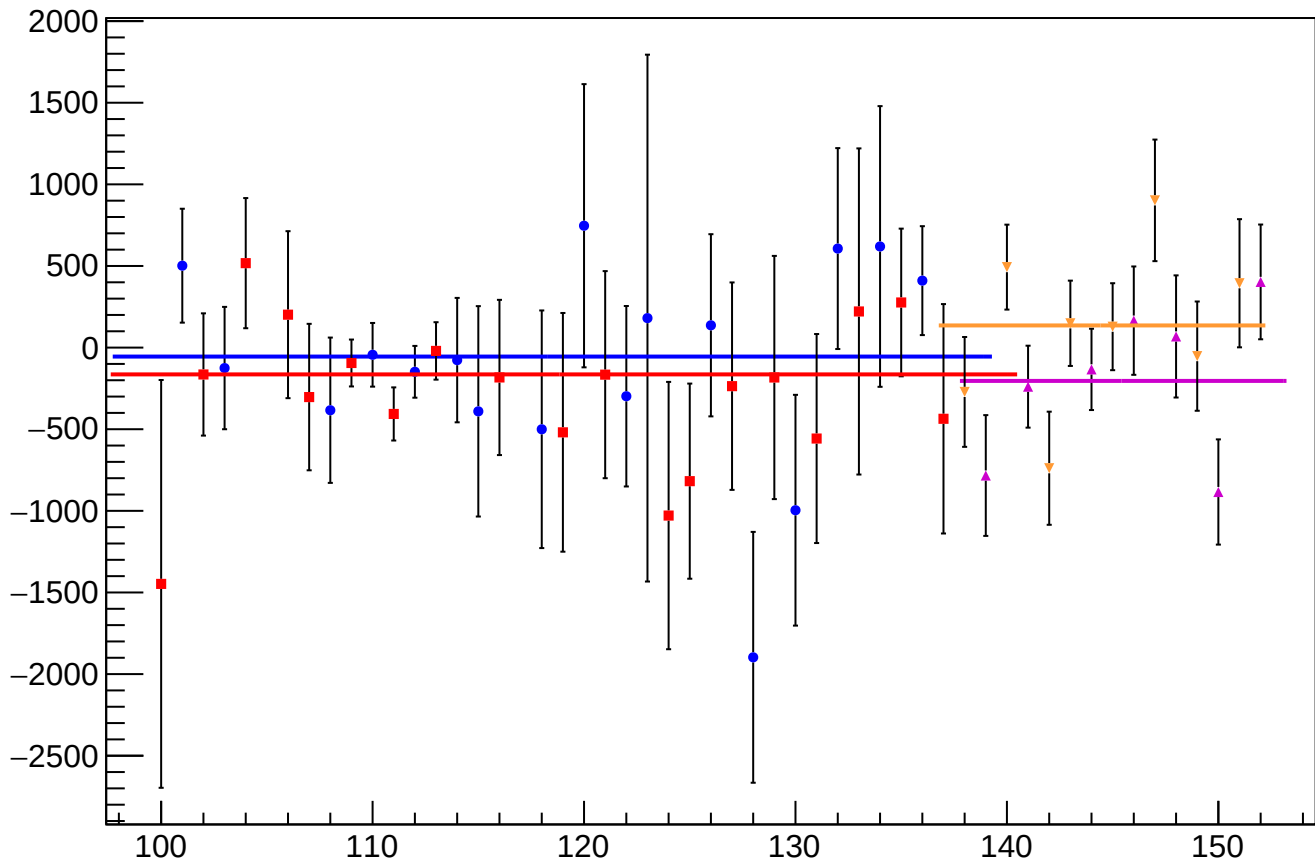
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.948+/-0.082 χ^2/NDF : 296464.3/6

Out: 259.606+/-0.078 χ^2/NDF : 374877.1/7

All: 267.369+/-0.057 χ^2/NDF : 692138.7/14

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 135.777 ± 109.556 χ^2/NDF : 14.7/7

Right Out: -164.141 ± 76.903 χ^2/NDF : 11.9/18

Left In: -204.051 ± 116.843 χ^2/NDF : 11.8/6

Left: -23.211 ± 79.920 χ^2/NDF : 31.0/14

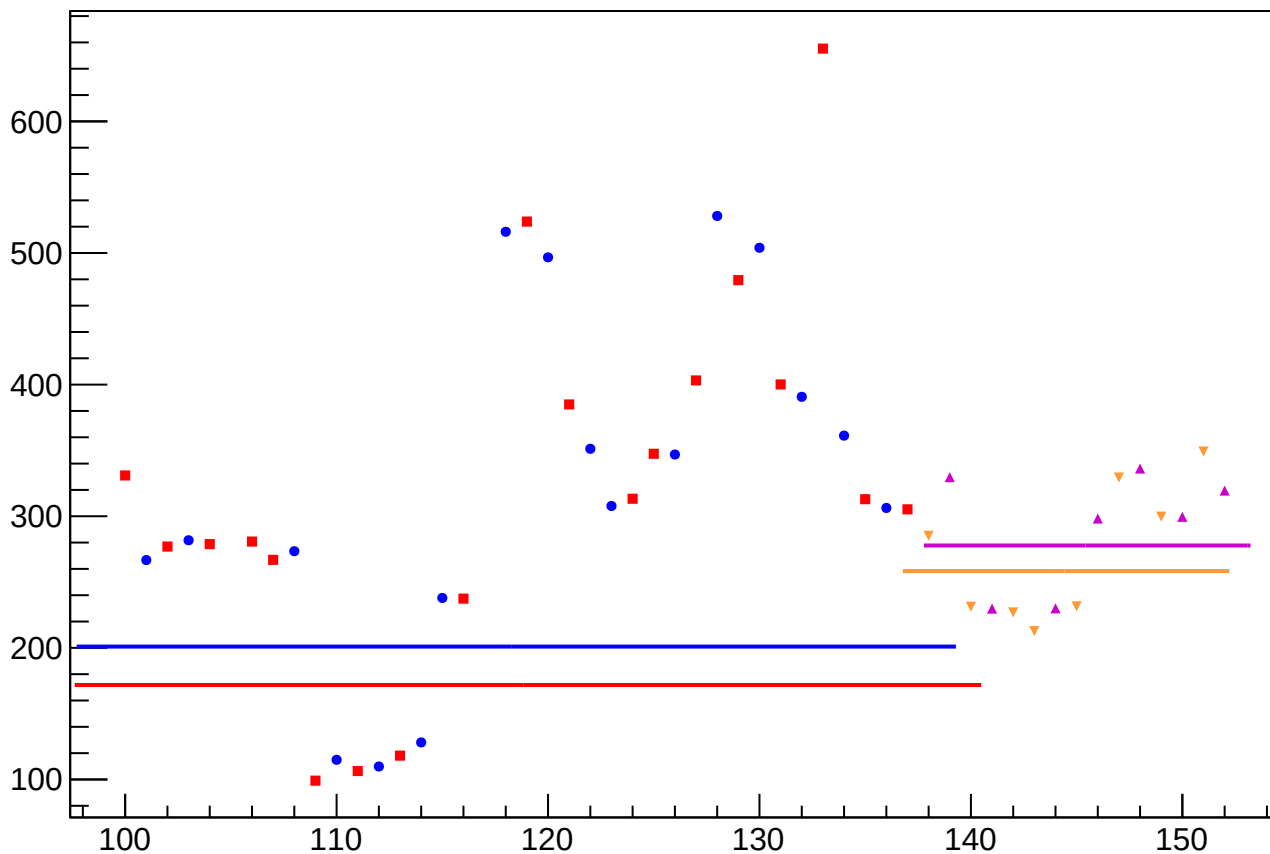
Right: -118.264 ± 58.563 χ^2/NDF : 29.3/35

In: -110.735 ± 71.477 χ^2/NDF : 29.3/23

Out: -65.142 ± 62.944 χ^2/NDF : 31.6/26

All: -85.056 ± 47.238 χ^2/NDF : 61.2/50

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 258.344+/-0.077 χ^2/NDF :342343.5/7

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: 267.435+/-0.057 χ^2/NDF : 651555.3/14

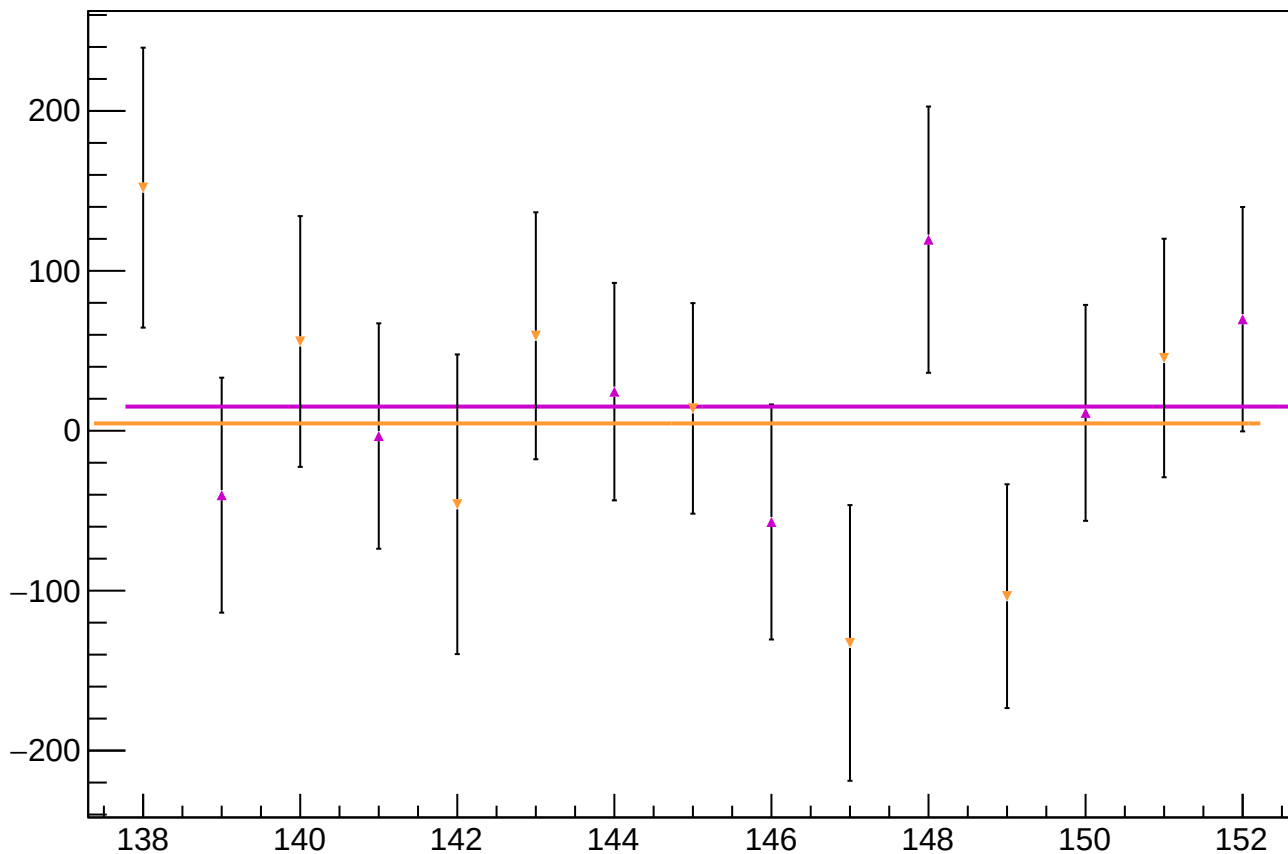
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 229.712+/-0.051 χ^2/NDF :4256710.4/23

Out: 200.363+/-0.045 χ^2/NDF :5271165.7/26

All: 213.182+/-0.033 χ^2/NDF : 9717800.7/50

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 4.585+/-27.483 χ^2/NDF :9.3/7

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

Left In: 15.109+/-27.166 χ^2/NDF :3.8/6

Left: 9.908+/-19.321 χ^2/NDF : 13.2/14

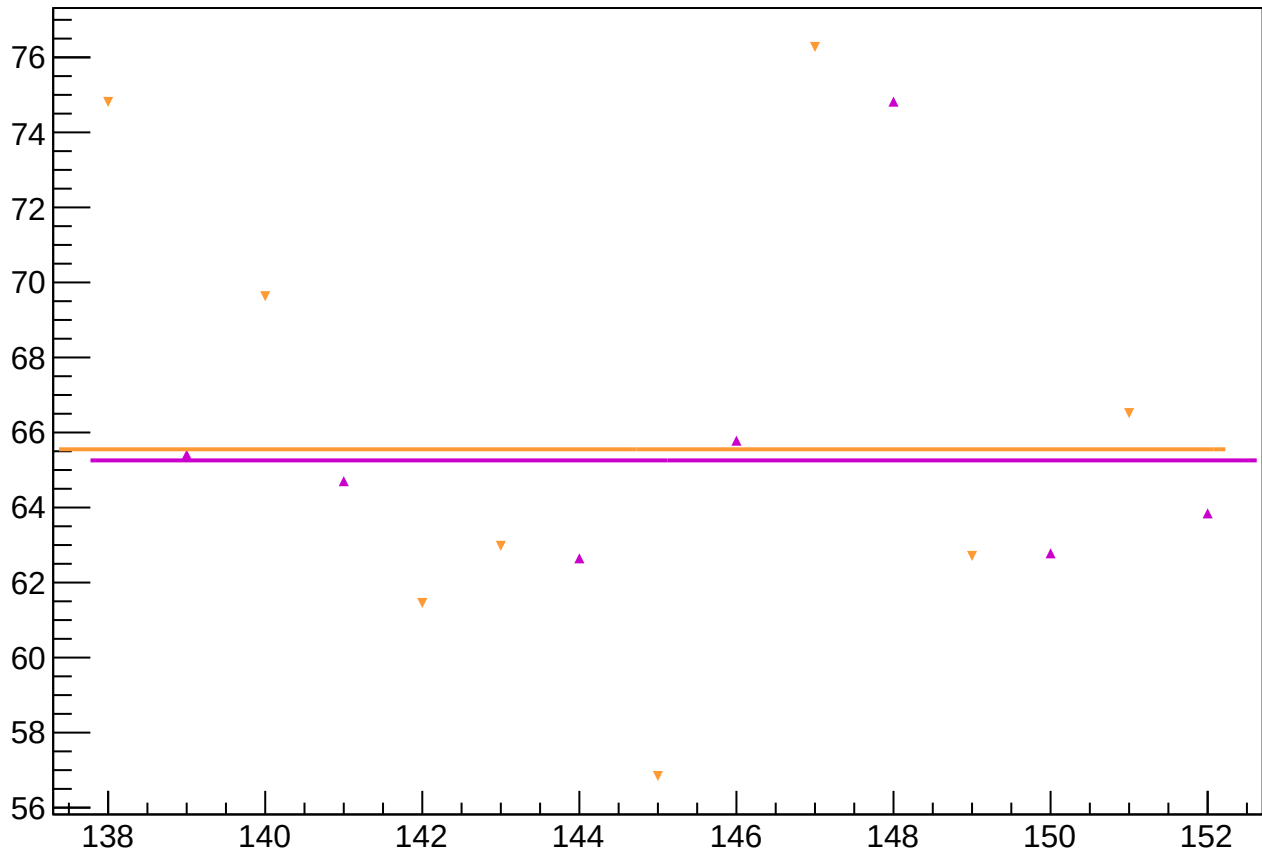
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.109+/-27.166 χ^2/NDF :3.8/6

Out: 4.585+/-27.483 χ^2/NDF :9.3/7

All: 9.908+/-19.321 χ^2/NDF : 13.2/14

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.552+/-0.019 χ^2/NDF :103429.1/7

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: 65.403+/-0.014 χ^2/NDF : 136622.4/14

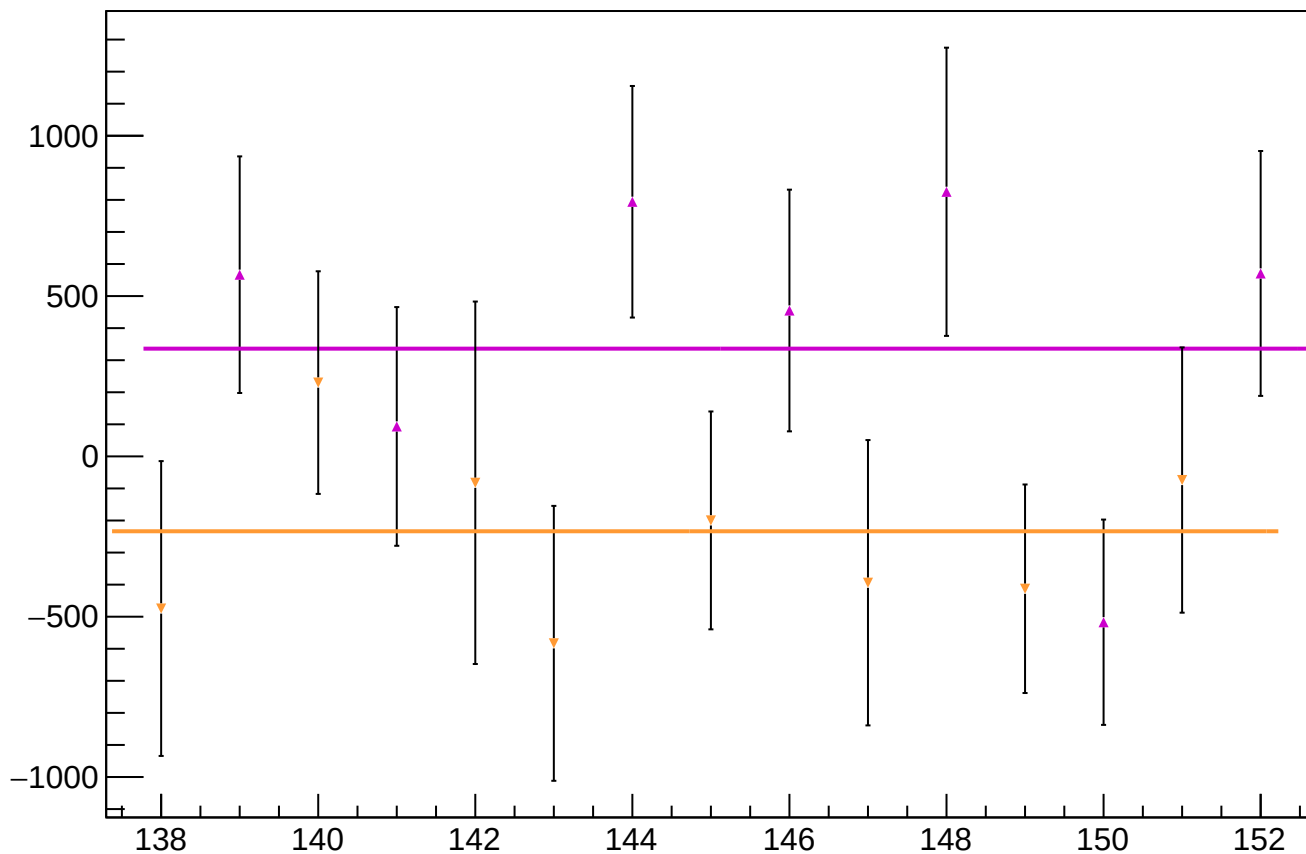
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.256+/-0.019 χ^2/NDF :33076.1/6

Out: 65.552+/-0.019 χ^2/NDF :103429.1/7

All: 65.403+/-0.014 χ^2/NDF : 136622.4/14

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -233.553+/-140.570 χ^2/NDF : 3.4/7

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: 51.856+/-99.290 χ^2/NDF : 22.8/14

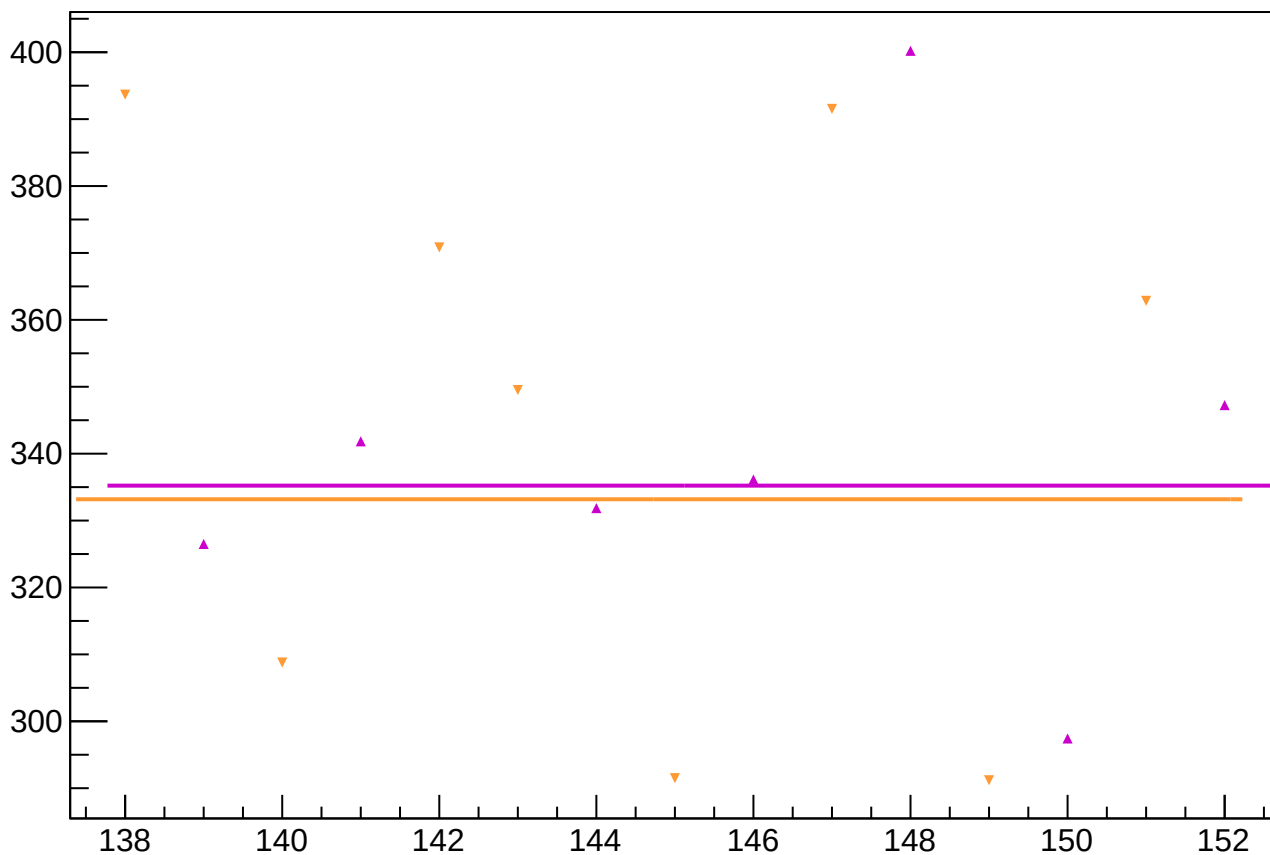
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.023+/-140.264 χ^2/NDF : 11.2/6

Out: -233.553+/-140.570 χ^2/NDF : 3.4/7

All: 51.856+/-99.290 χ^2/NDF : 22.8/14

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 333.185+/-0.099 χ^2/NDF :164372.3/7

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: 334.206+/-0.070 χ^2/NDF : 238174.7/14

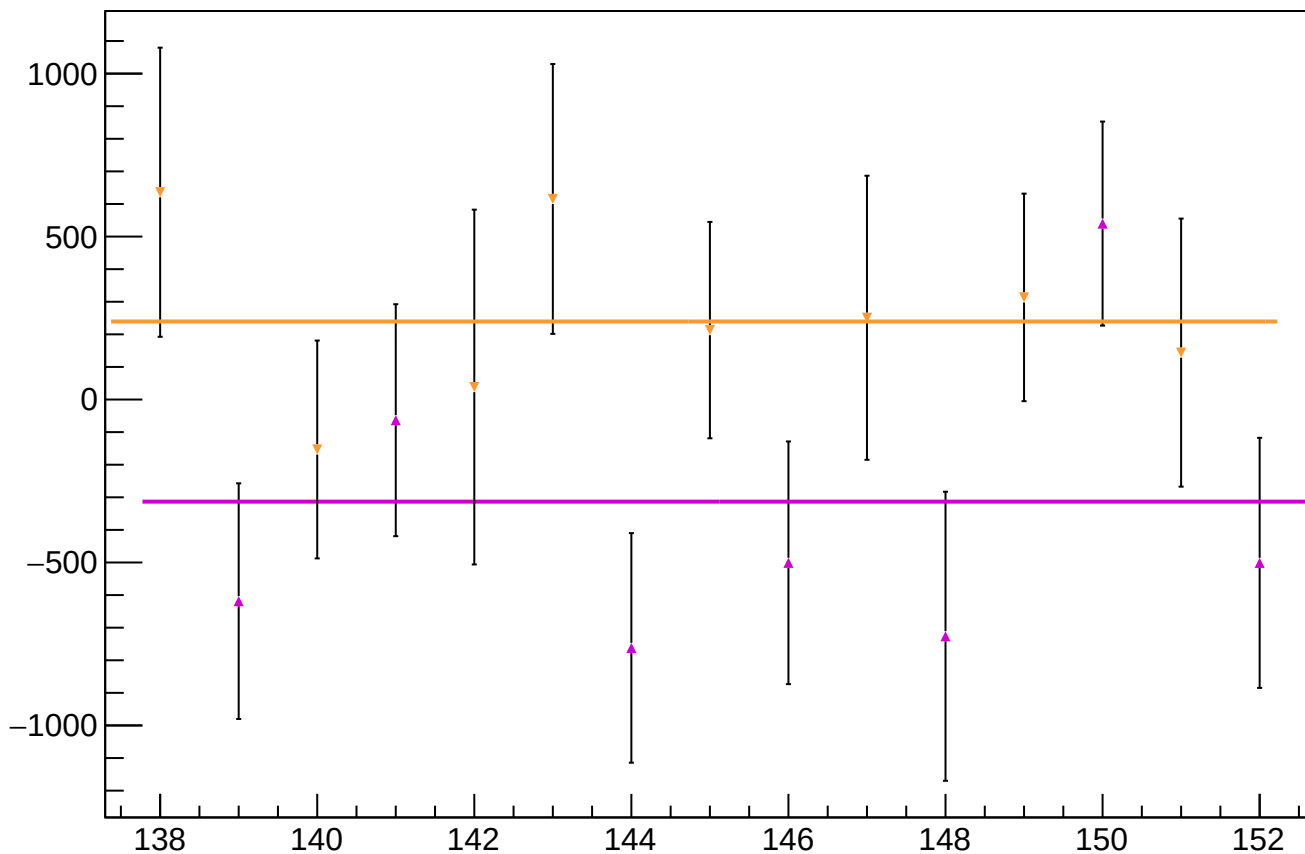
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 335.223+/-0.099 χ^2/NDF :73591.5/6

Out: 333.185+/-0.099 χ^2/NDF :164372.3/7

All: 334.206+/-0.070 χ^2/NDF : 238174.7/14

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 239.438+/-136.892 χ^2/NDF : 3.3/7

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: -35.756+/-97.003 χ^2/NDF : 23.0/14

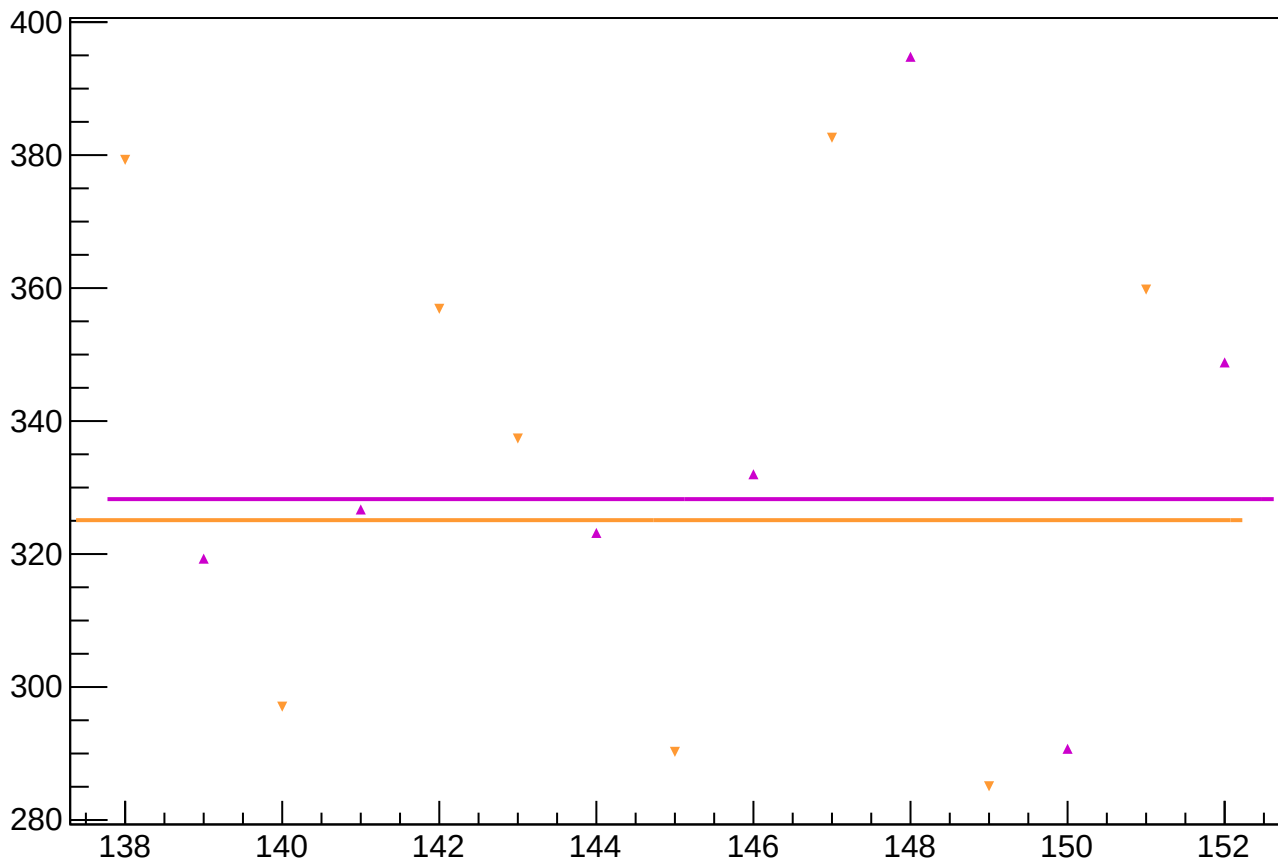
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -313.306+/-137.477 χ^2/NDF : 11.6/6

Out: 239.438+/-136.892 χ^2/NDF : 3.3/7

All: -35.756+/-97.003 χ^2/NDF : 23.0/14

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 325.097+/-0.097 χ^2/NDF :155222.3/7

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: 326.672+/-0.069 χ^2/NDF : 237173.5/14

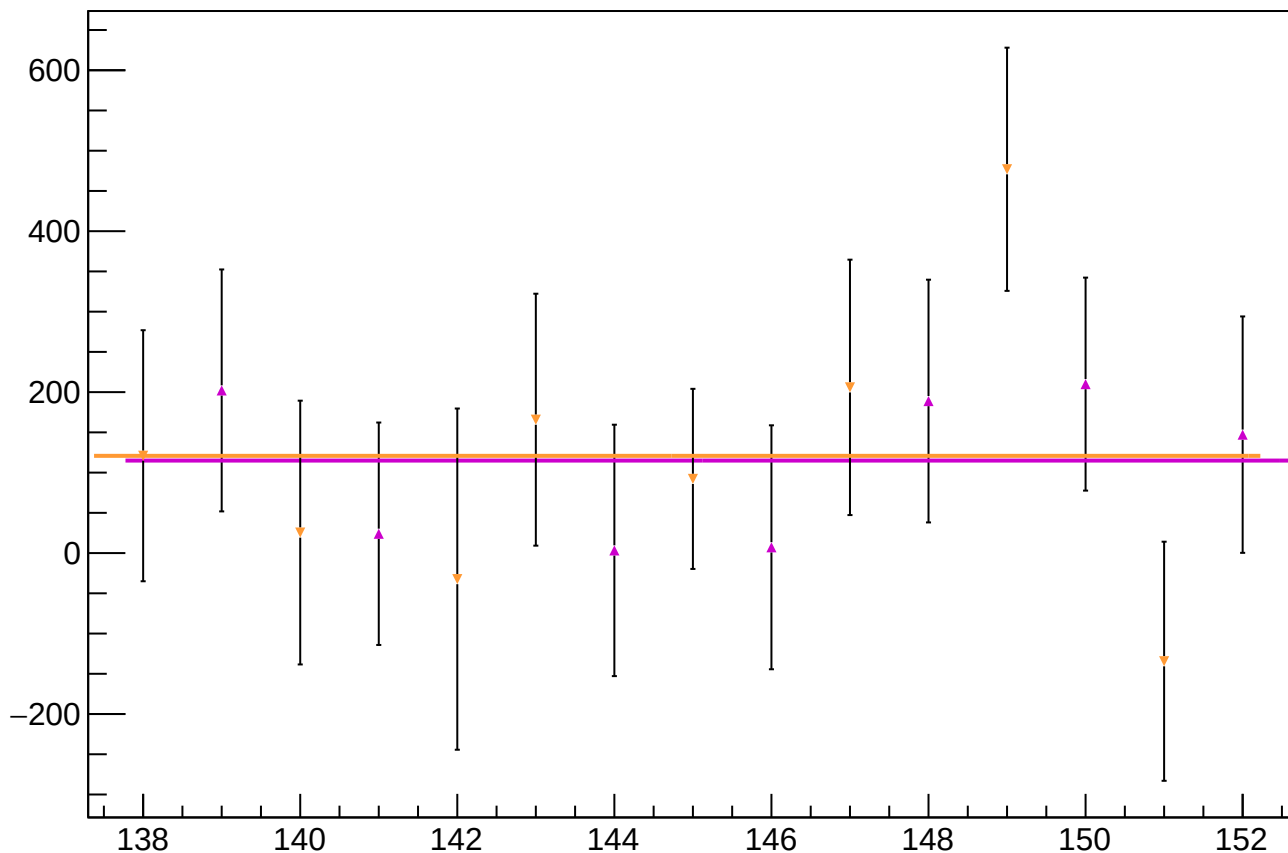
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Out: 325.097+/-0.097 χ^2/NDF :155222.3/7

All: 326.672+/-0.069 χ^2/NDF : 237173.5/14

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 120.841+/-53.447 χ^2/NDF : 9.8/7

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: 117.993+/-38.388 χ^2/NDF : 12.4/14

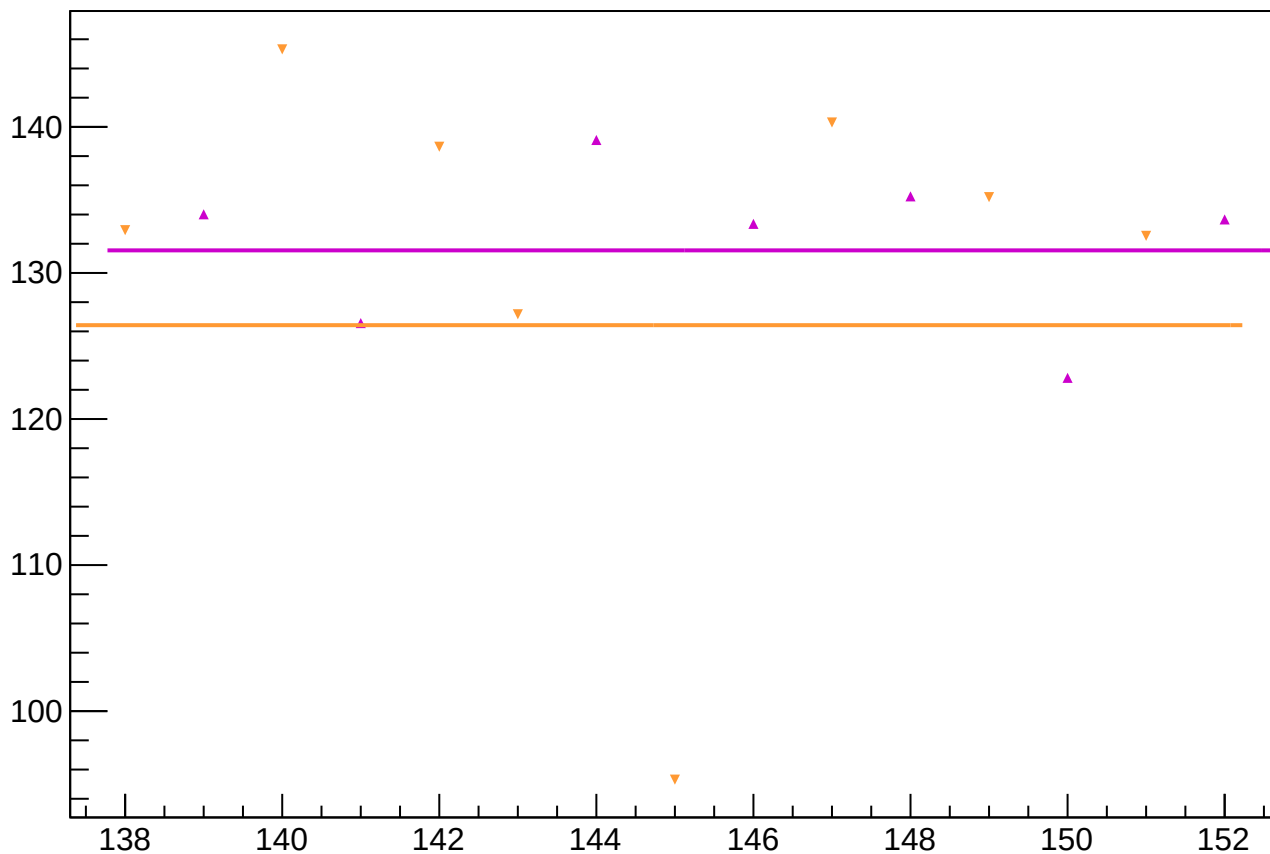
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.959+/-55.172 χ^2/NDF : 2.6/6

Out: 120.841+/-53.447 χ^2/NDF : 9.8/7

All: 117.993+/-38.388 χ^2/NDF : 12.4/14

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 126.425+/-0.038 χ^2/NDF :216765.9/7

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: 128.905+/-0.027 χ^2/NDF : 244077.3/14

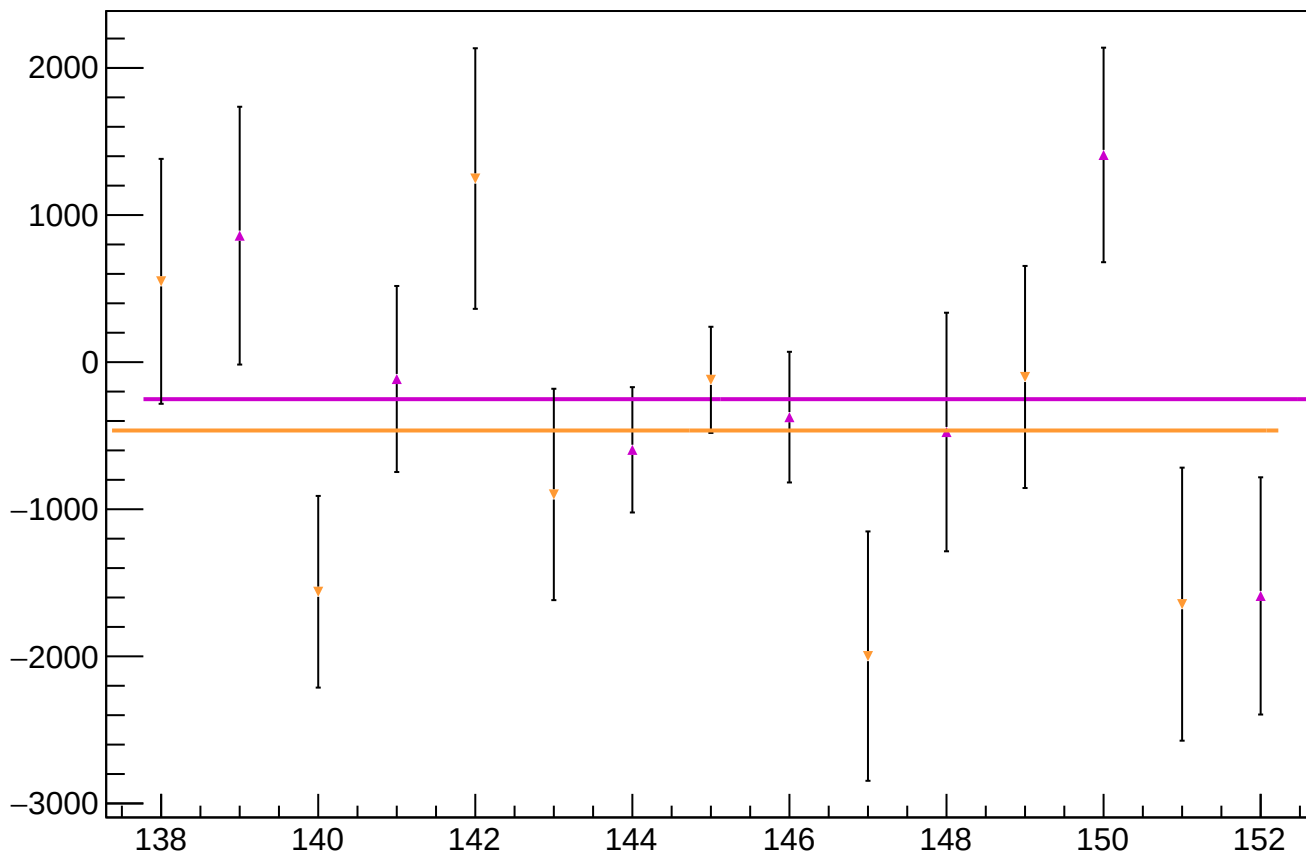
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 131.547+/-0.039 χ^2/NDF :18419.6/6

Out: 126.425+/-0.038 χ^2/NDF :216765.9/7

All: 128.905+/-0.027 χ^2/NDF : 244077.3/14

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -464.621+/-229.404 χ^2/NDF :14.5/7

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: -357.279+/-161.539 χ^2/NDF : 25.3/14

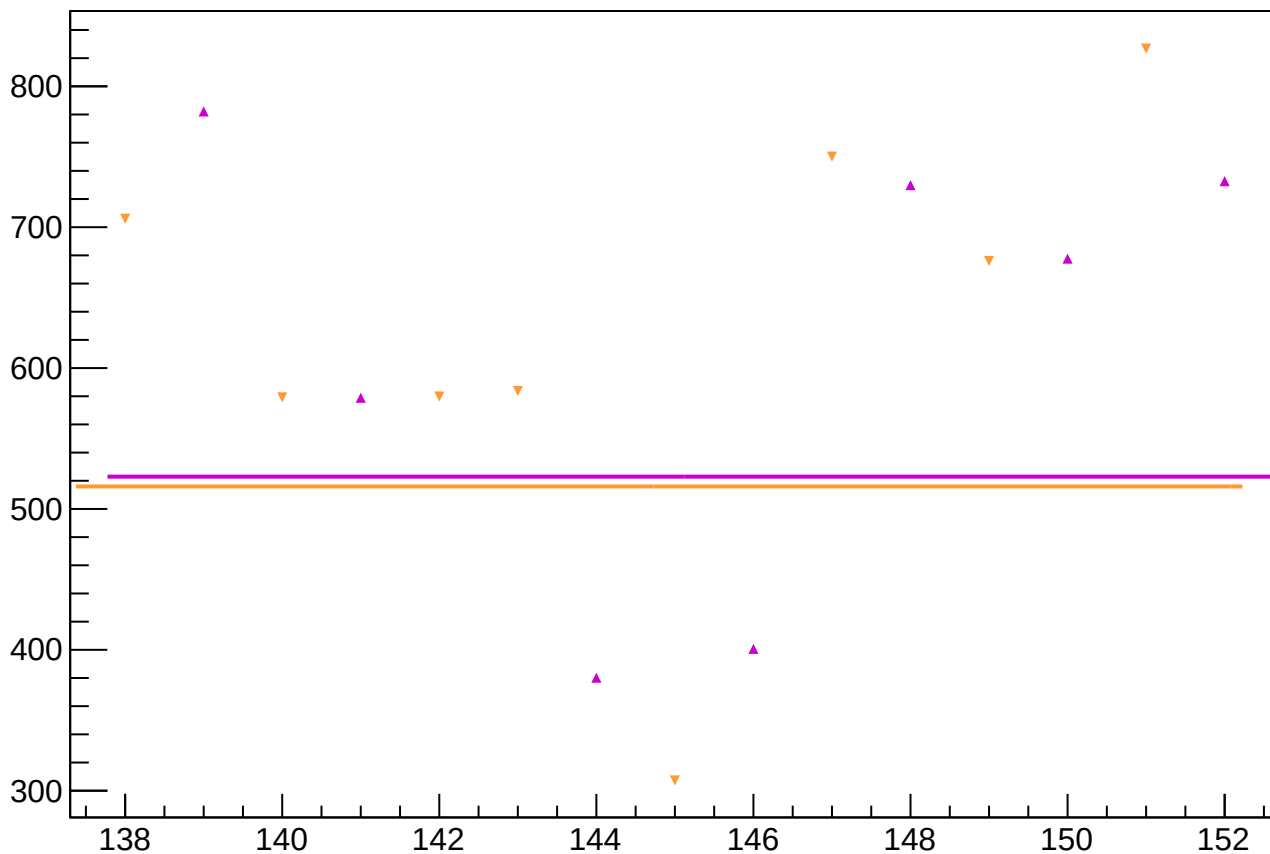
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -251.703+/-227.509 χ^2/NDF :10.4/6

Out: -464.621+/-229.404 χ^2/NDF :14.5/7

All: -357.279+/-161.539 χ^2/NDF : 25.3/14

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 515.951+/-0.162 χ^2/NDF :1287274.6/7

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: 519.470+/-0.114 χ^2/NDF : 2210420.4/14

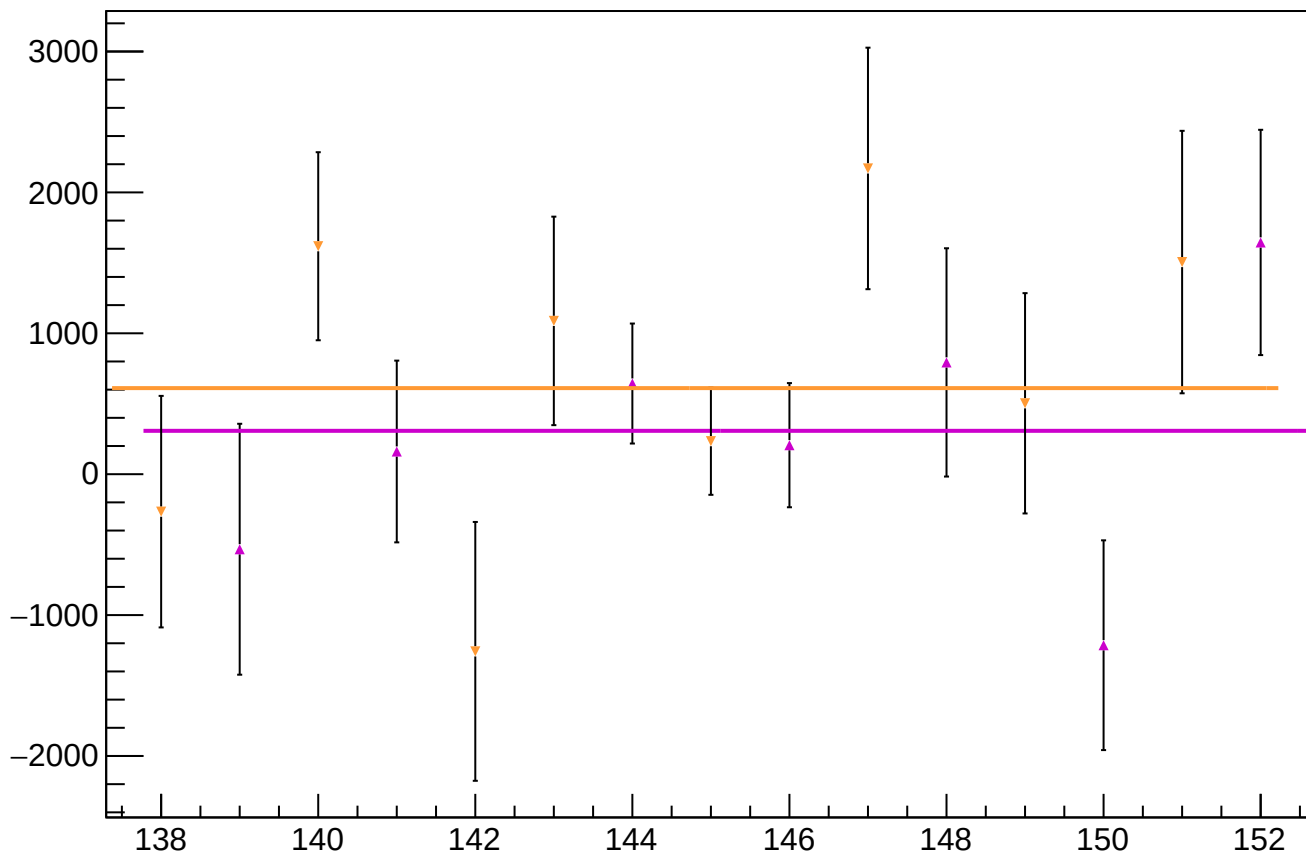
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 522.931+/-0.161 χ^2/NDF :922212.3/6

Out: 515.951+/-0.162 χ^2/NDF :1287274.6/7

All: 519.470+/-0.114 χ^2/NDF : 2210420.4/14

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 610.924+/-237.127 χ^2/NDF :13.2/7

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: 453.459+/-164.380 χ^2/NDF : 23.0/14

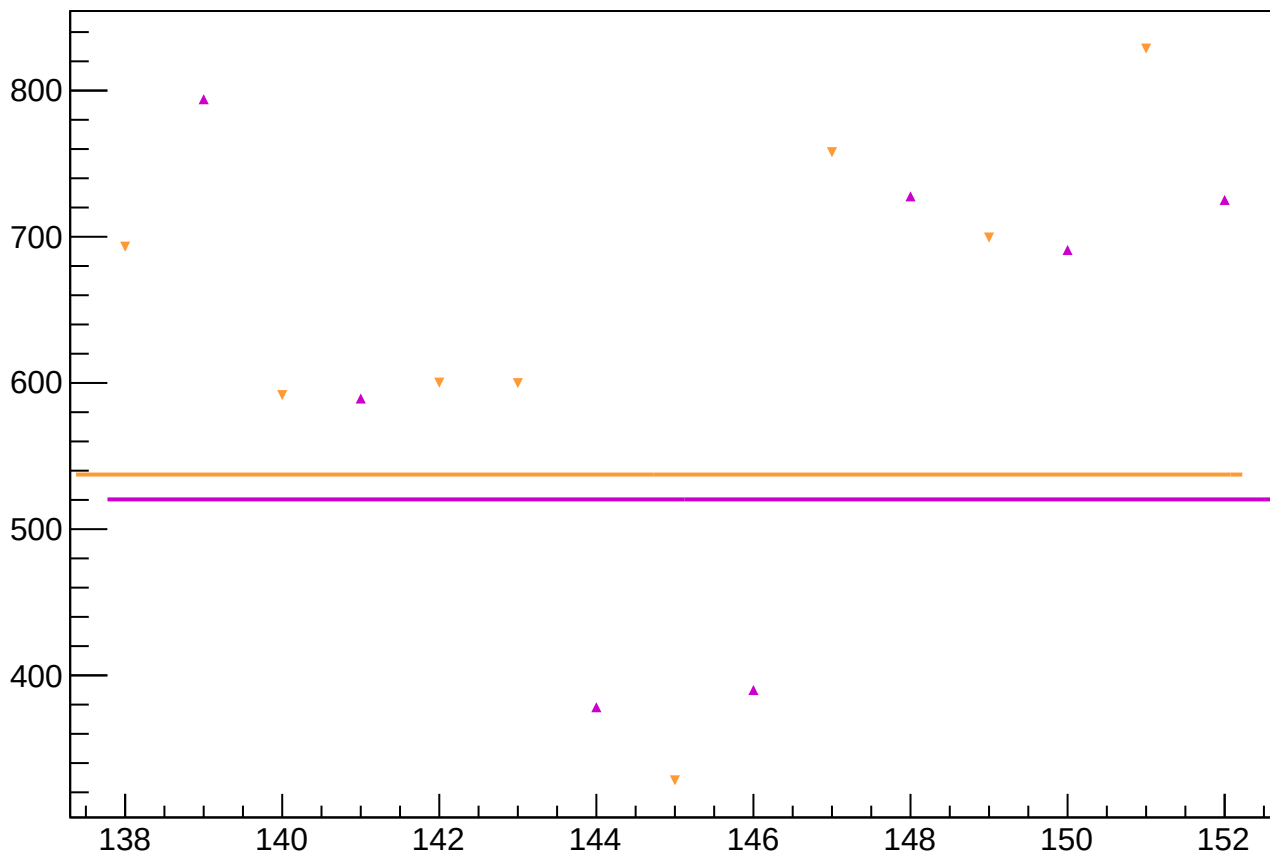
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 307.789+/-228.075 χ^2/NDF :9.0/6

Out: 610.924+/-237.127 χ^2/NDF :13.2/7

All: 453.459+/-164.380 χ^2/NDF : 23.0/14

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 537.353+/-0.168 χ^2/NDF :1126441.2/7

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: 528.523+/-0.116 χ^2/NDF : 2108959.5/14

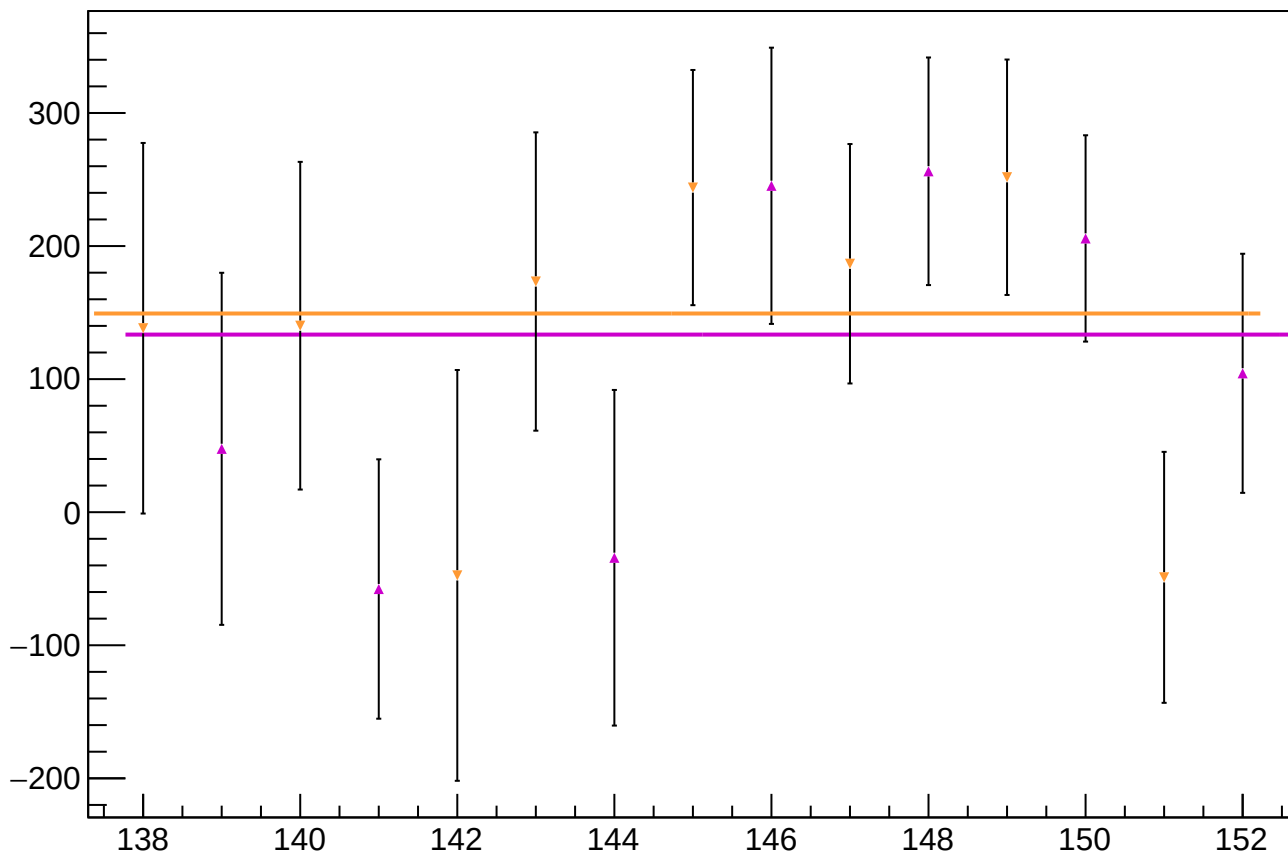
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 520.354+/-0.161 χ^2/NDF :977179.3/6

Out: 537.353+/-0.168 χ^2/NDF :1126441.2/7

All: 528.523+/-0.116 χ^2/NDF : 2108959.5/14

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 149.313+/-36.989 χ^2/NDF : 8.8/7

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: 141.316+/-26.029 χ^2/NDF : 19.1/14

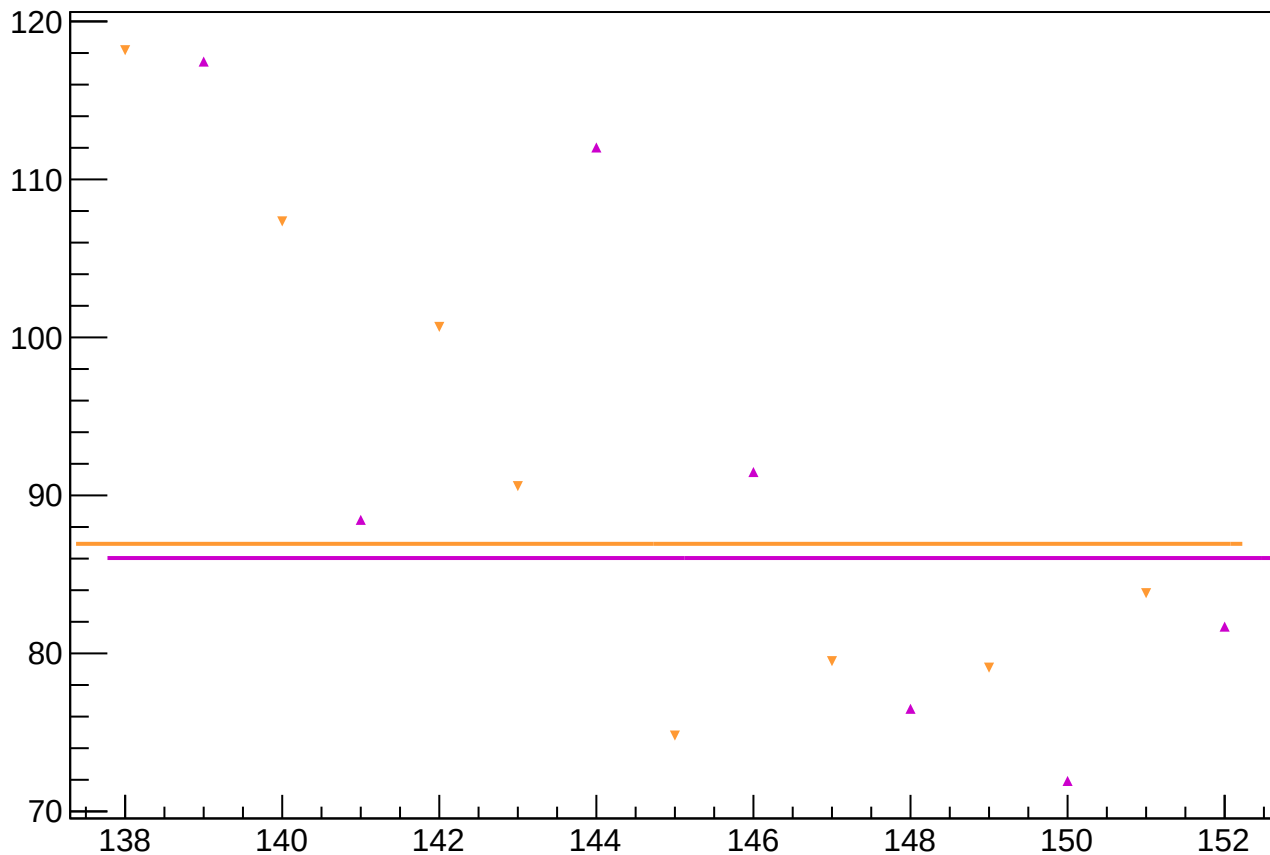
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.470+/-36.635 χ^2/NDF : 10.2/6

Out: 149.313+/-36.989 χ^2/NDF : 8.8/7

All: 141.316+/-26.029 χ^2/NDF : 19.1/14

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 86.935+/-0.026 χ^2/NDF :242787.7/7

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: 86.481+/-0.018 χ^2/NDF : 543667.2/14

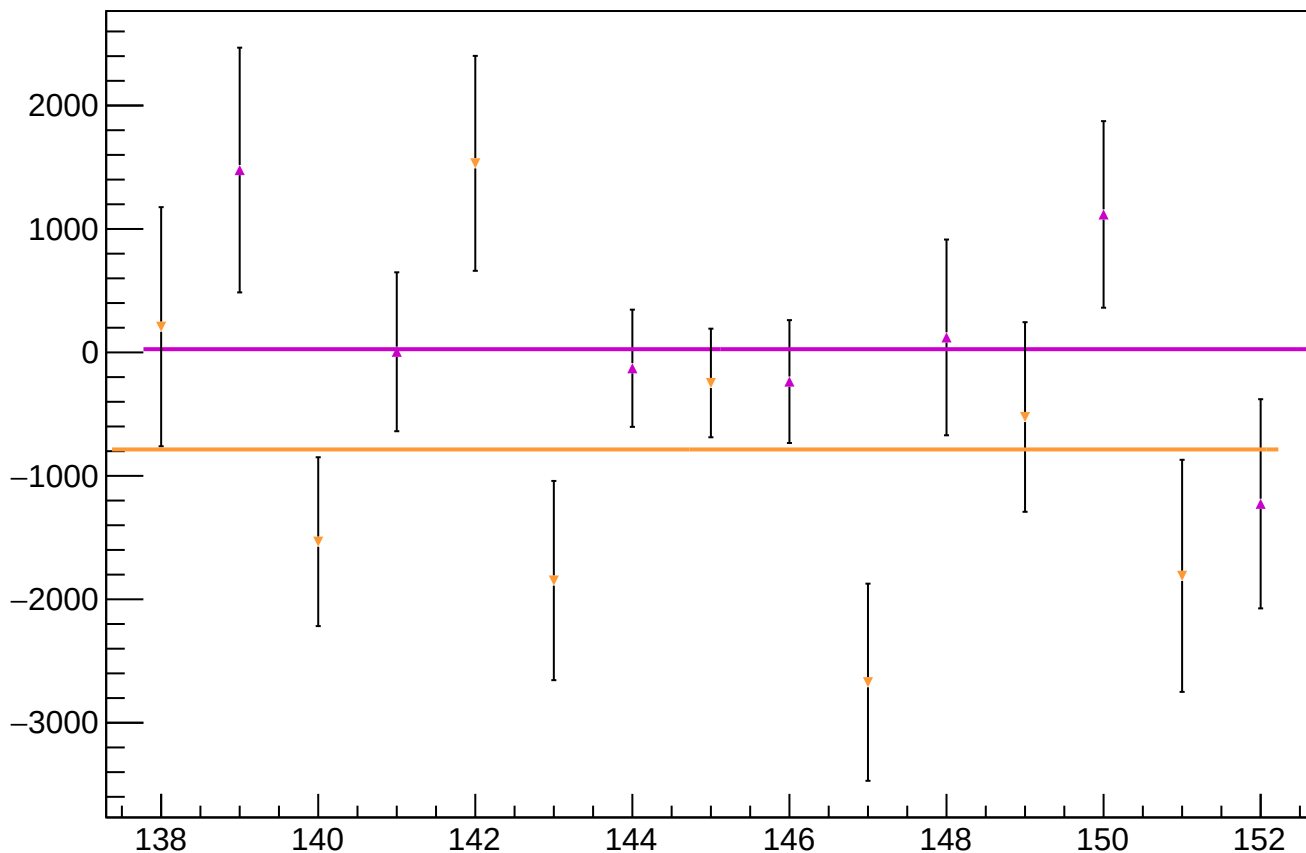
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.036+/-0.026 χ^2/NDF :300282.9/6

Out: 86.935+/-0.026 χ^2/NDF :242787.7/7

All: 86.481+/-0.018 χ^2/NDF : 543667.2/14

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -785.993+/-253.005 χ^2/NDF :19.4/7

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: -367.071+/-176.052 χ^2/NDF : 31.6/14

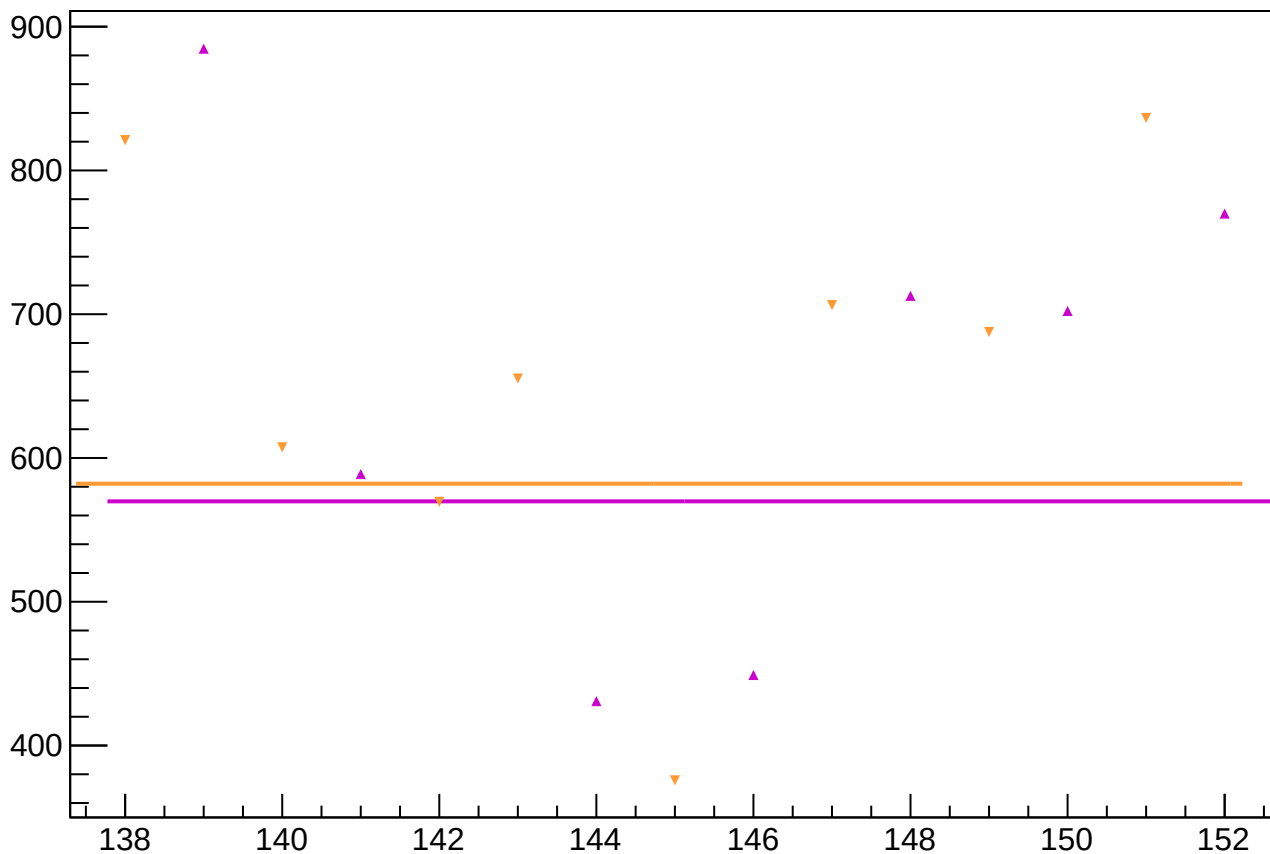
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.187+/-245.133 χ^2/NDF :6.8/6

Out: -785.993+/-253.005 χ^2/NDF :19.4/7

All: -367.071+/-176.052 χ^2/NDF : 31.6/14

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 582.120+/-0.179 χ^2/NDF : 814000.3/7

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: 575.783+/-0.124 χ^2/NDF : 1547145.2/14

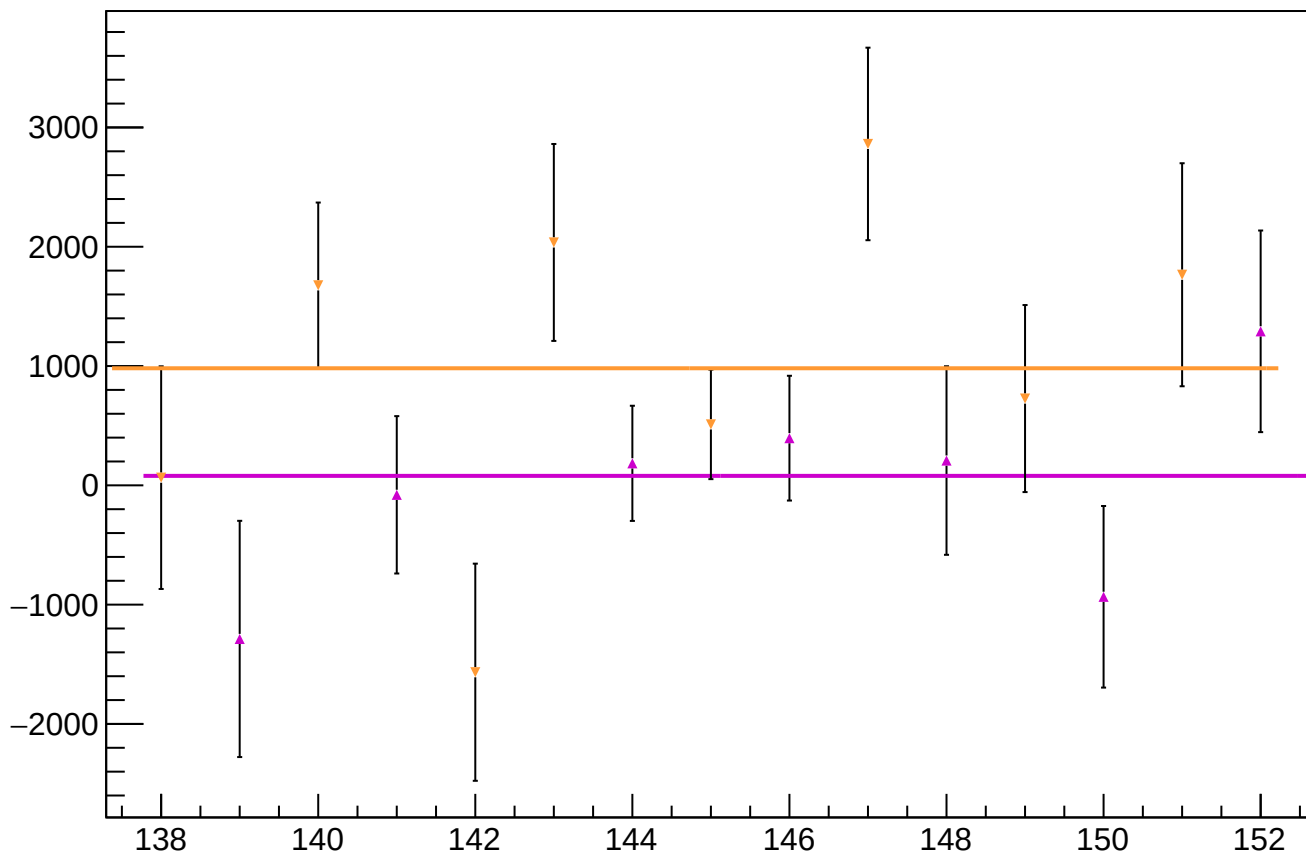
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 569.834+/-0.173 χ^2/NDF : 730712.4/6

Out: 582.120+/-0.179 χ^2/NDF : 814000.3/7

All: 575.783+/-0.124 χ^2/NDF : 1547145.2/14

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 981.351+/-258.572 χ^2/NDF :18.7/7

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: 515.221+/-179.740 χ^2/NDF : 31.2/14

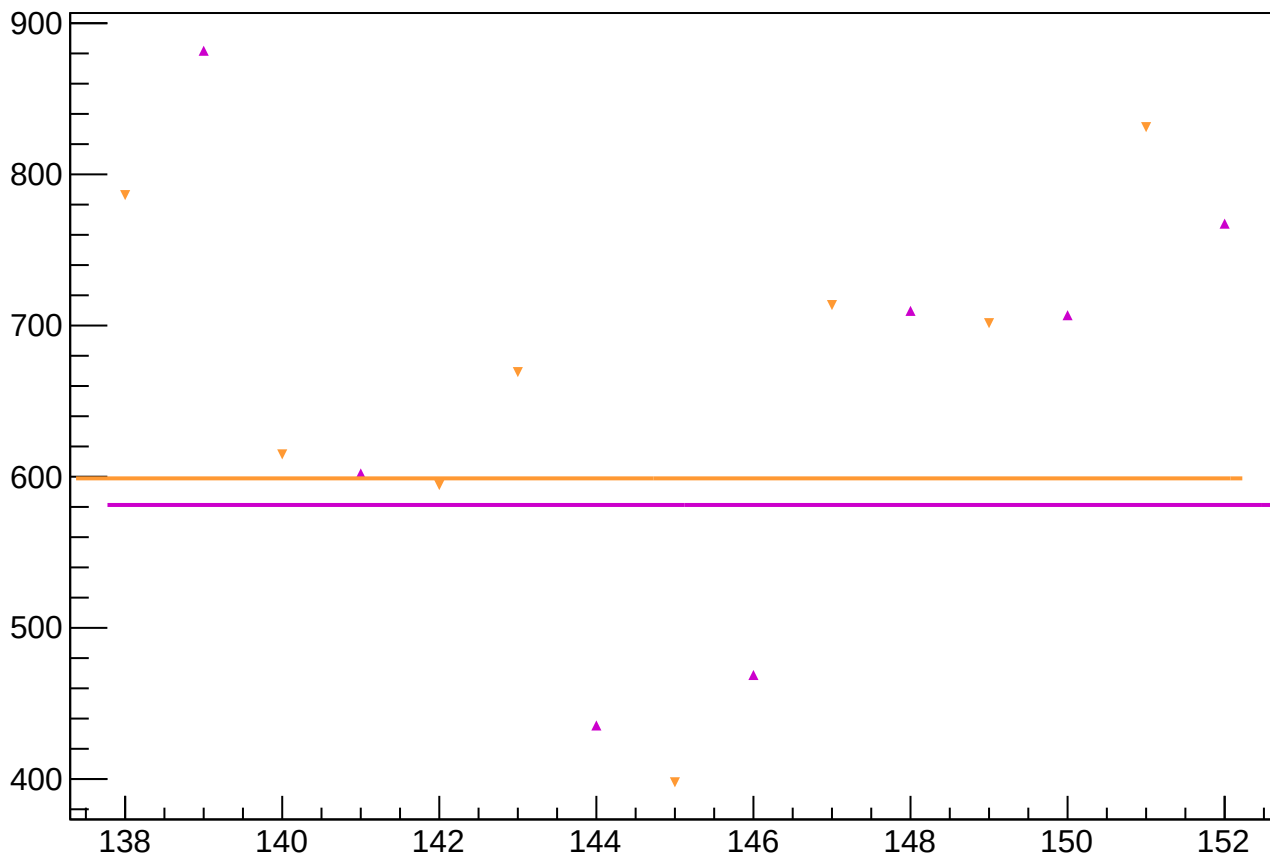
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 79.395+/-250.025 χ^2/NDF :6.2/6

Out: 981.351+/-258.572 χ^2/NDF :18.7/7

All: 515.221+/-179.740 χ^2/NDF : 31.2/14

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 598.897+/-0.183 χ^2/NDF : 678456.4/7

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: 589.806+/-0.127 χ^2/NDF : 1348852.2/14

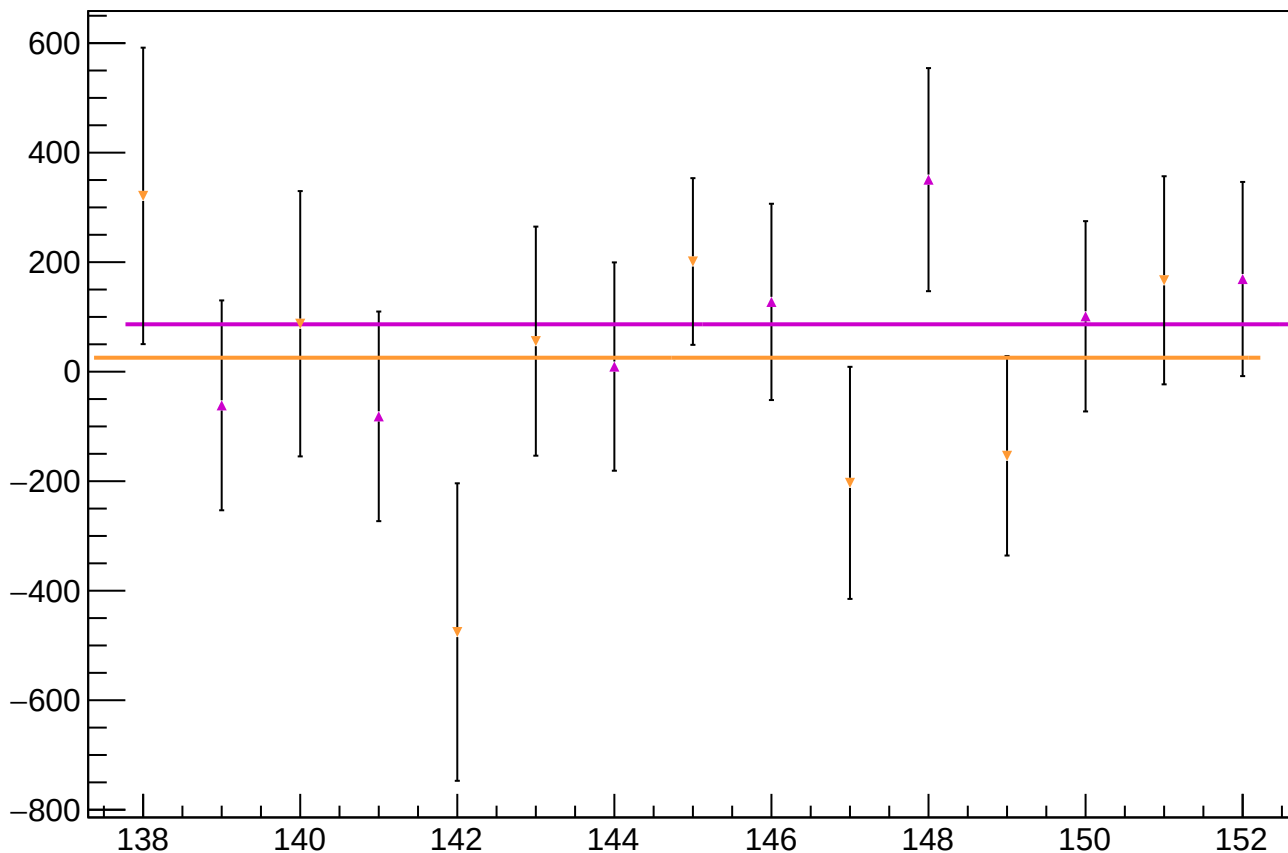
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 581.307+/-0.177 χ^2/NDF : 665612.4/6

Out: 598.897+/-0.183 χ^2/NDF : 678456.4/7

All: 589.806+/-0.127 χ^2/NDF : 1348852.2/14

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 25.508+/-72.479 χ^2/NDF :8.7/7

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: 56.950+/-50.464 χ^2/NDF : 12.6/14

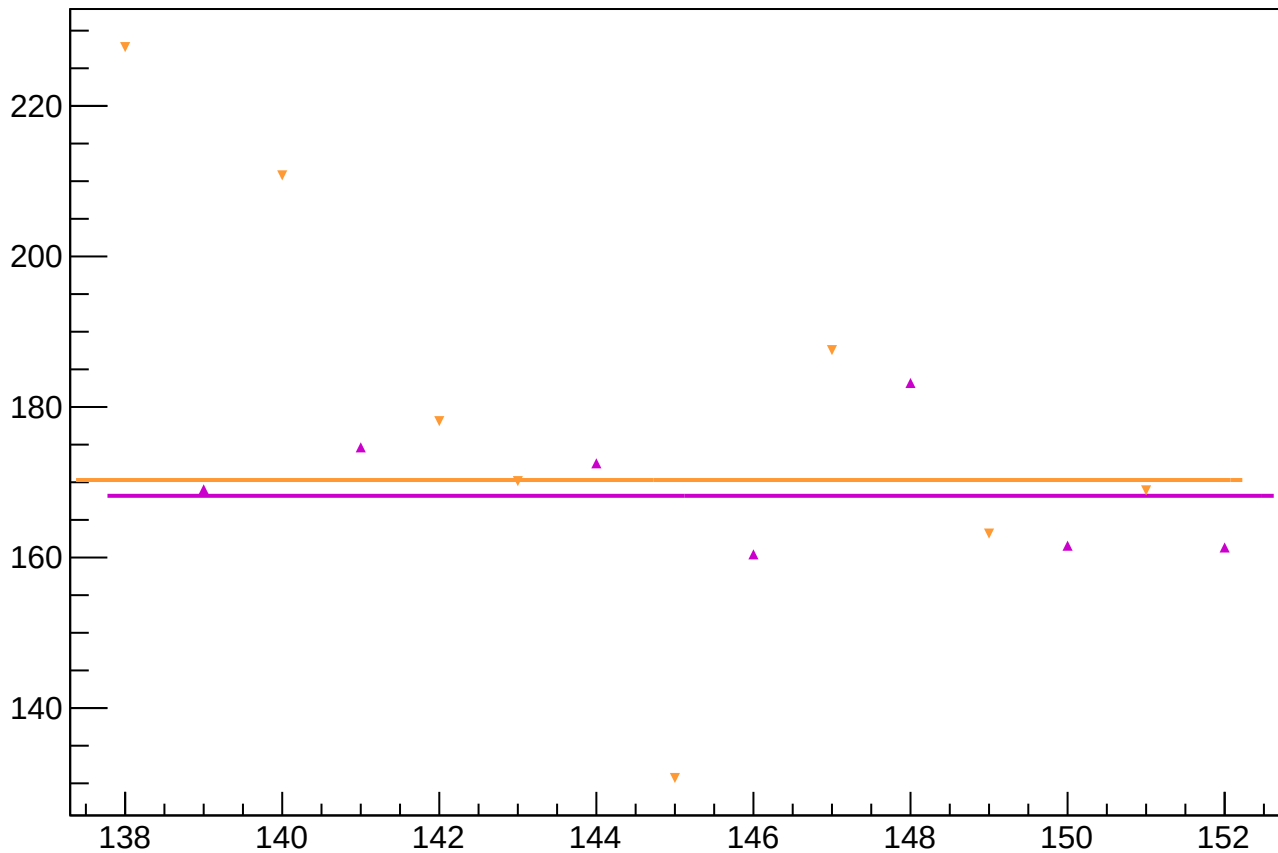
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.534+/-70.305 χ^2/NDF :3.5/6

Out: 25.508+/-72.479 χ^2/NDF :8.7/7

All: 56.950+/-50.464 χ^2/NDF : 12.6/14

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 170.298+/-0.051 χ^2/NDF :299458.5/7

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: 169.217+/-0.036 χ^2/NDF : 324159.2/14

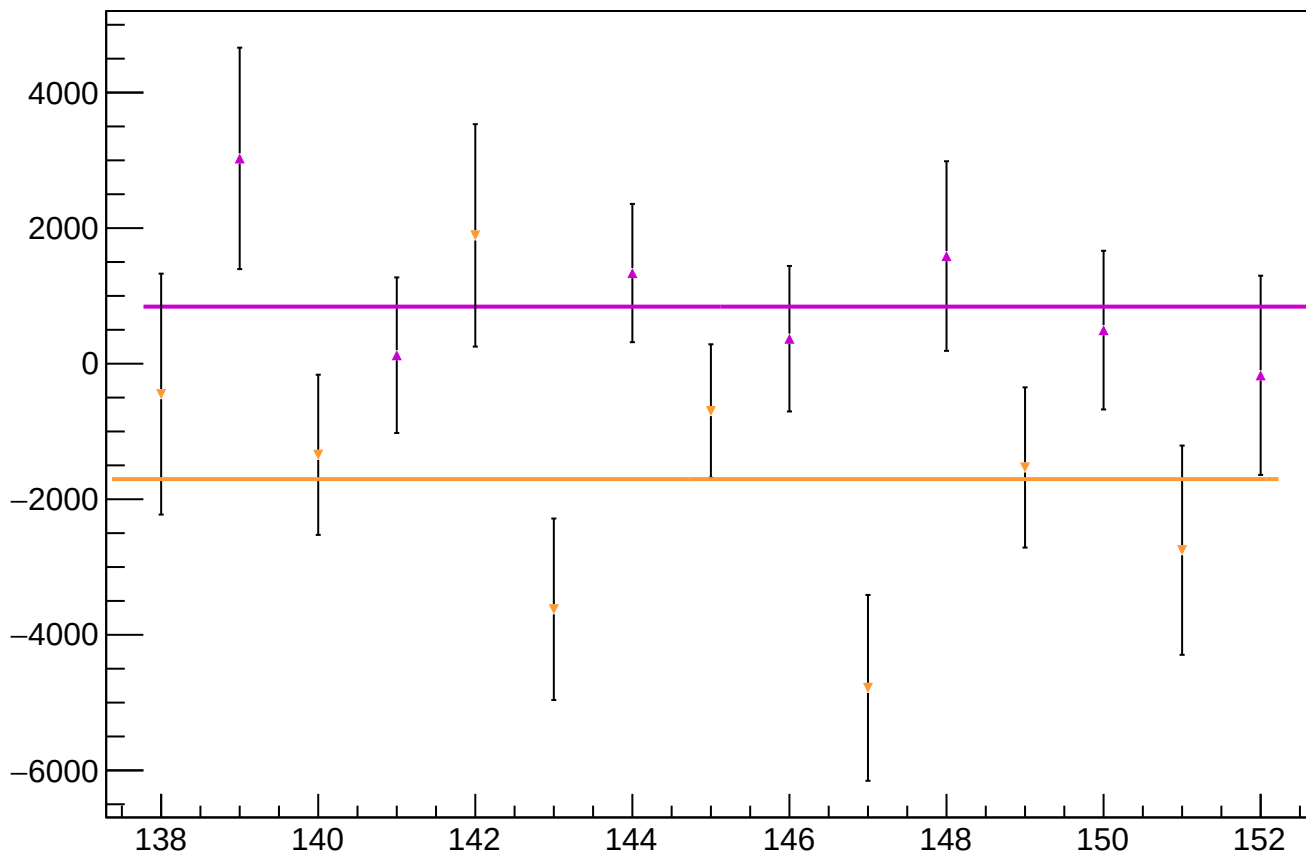
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.200+/-0.050 χ^2/NDF :23837.3/6

Out: 170.298+/-0.051 χ^2/NDF :299458.5/7

All: 169.217+/-0.036 χ^2/NDF : 324159.2/14

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1703.221+/-463.180 χ^2/NDF :14.0/7

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: -429.825+/-327.404 χ^2/NDF : 32.6/14

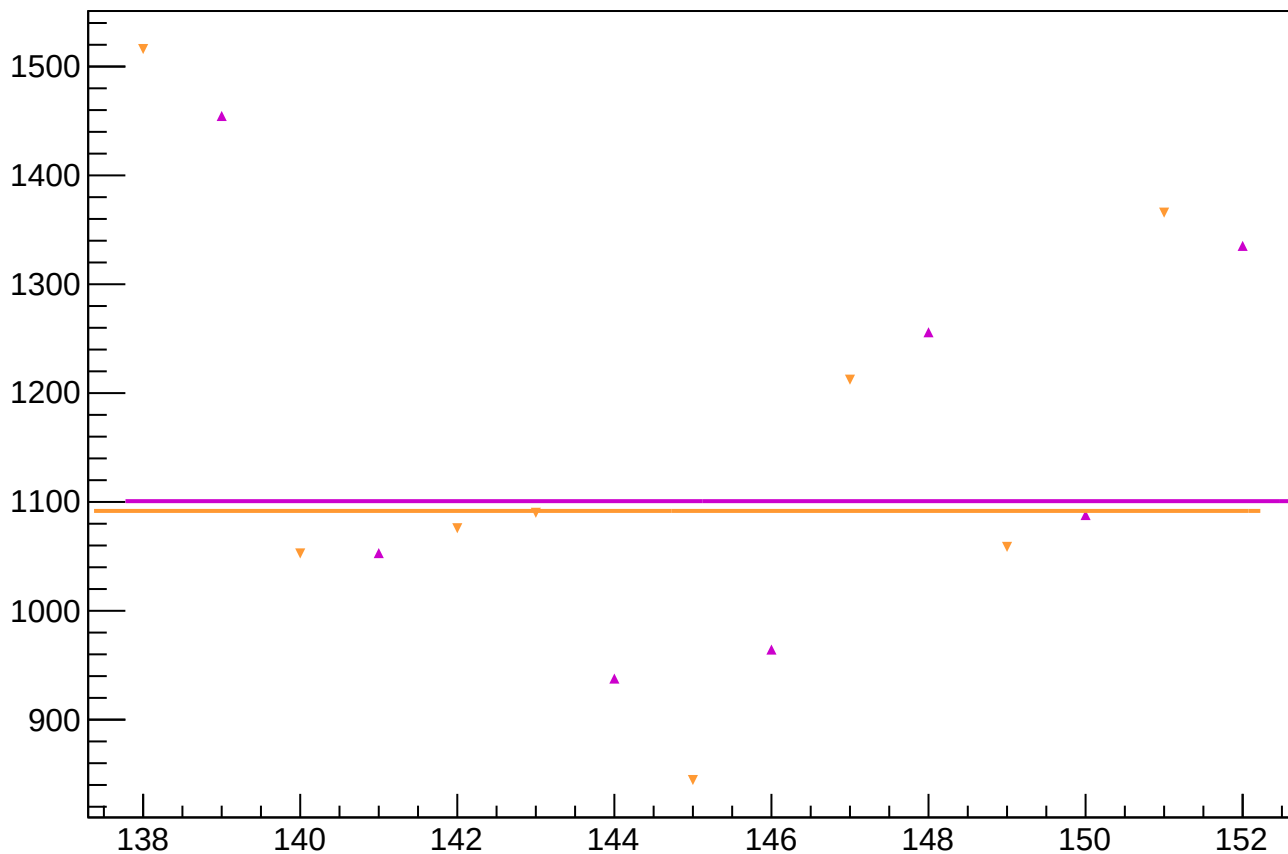
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 841.801+/-462.858 χ^2/NDF :3.5/6

Out: -1703.221+/-463.180 χ^2/NDF :14.0/7

All: -429.825+/-327.404 χ^2/NDF : 32.6/14

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1091.764+/-0.328 χ^2/NDF : 322532.8/7

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: 1096.249+/-0.232 χ^2/NDF : 579351.3/14

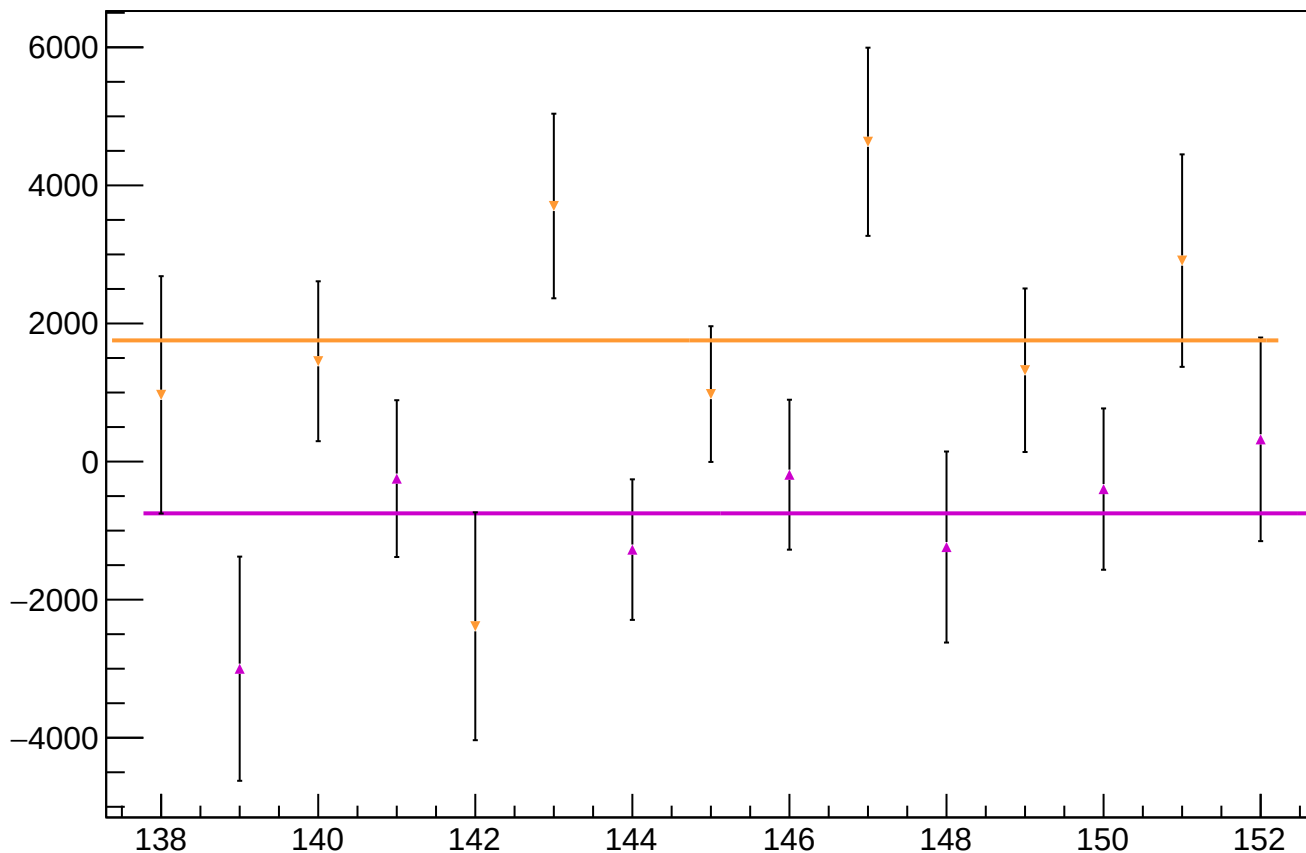
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1100.728+/-0.327 χ^2/NDF : 256443.7/6

Out: 1091.764+/-0.328 χ^2/NDF : 322532.8/7

All: 1096.249+/-0.232 χ^2/NDF : 579351.3/14

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1755.025+/-460.283 χ^2/NDF :14.5/7

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: 507.452+/-326.103 χ^2/NDF : 32.6/14

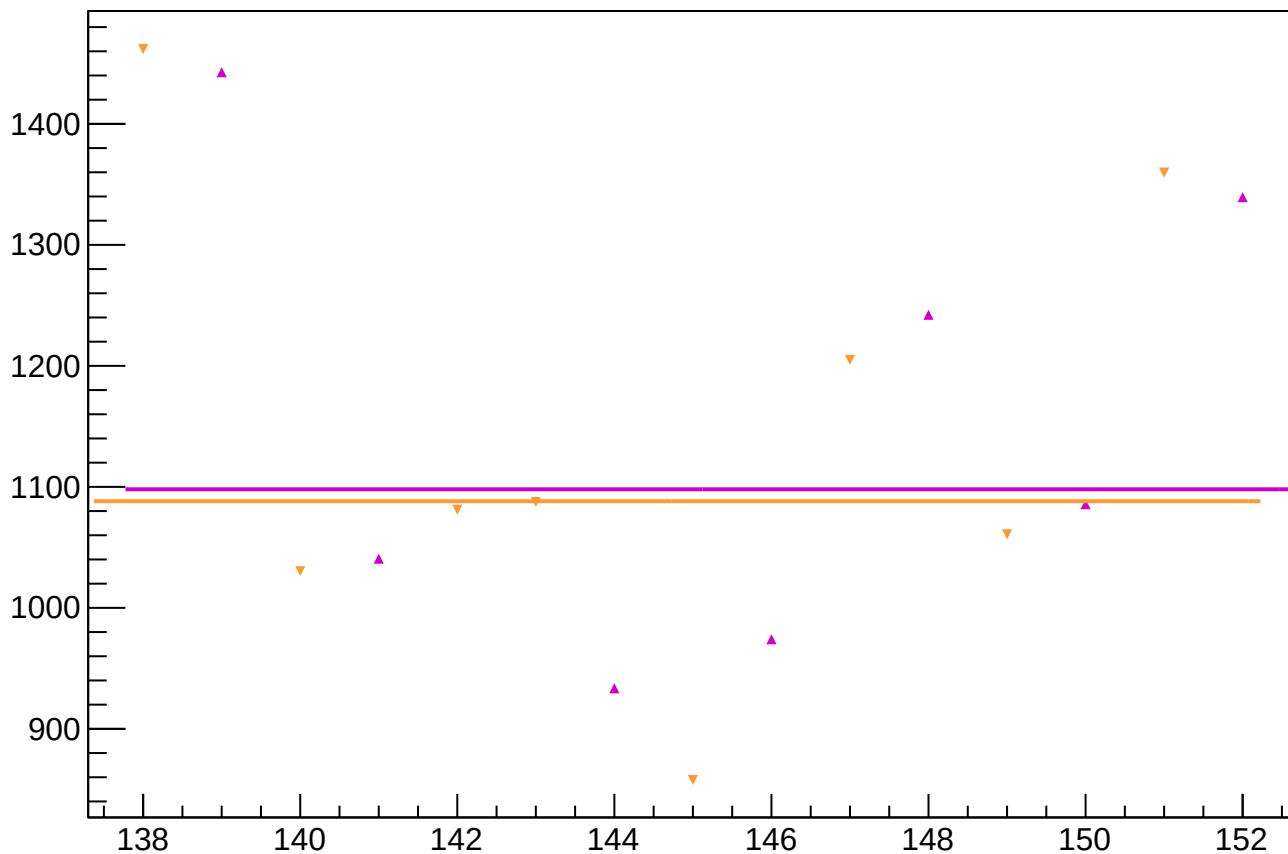
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -749.891+/-462.082 χ^2/NDF :3.4/6

Out: 1755.025+/-460.283 χ^2/NDF :14.5/7

All: 507.452+/-326.103 χ^2/NDF : 32.6/14

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1088.126+/-0.325 χ^2/NDF :287463.2/7

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: 1093.038+/-0.231 χ^2/NDF : 537054.3/14

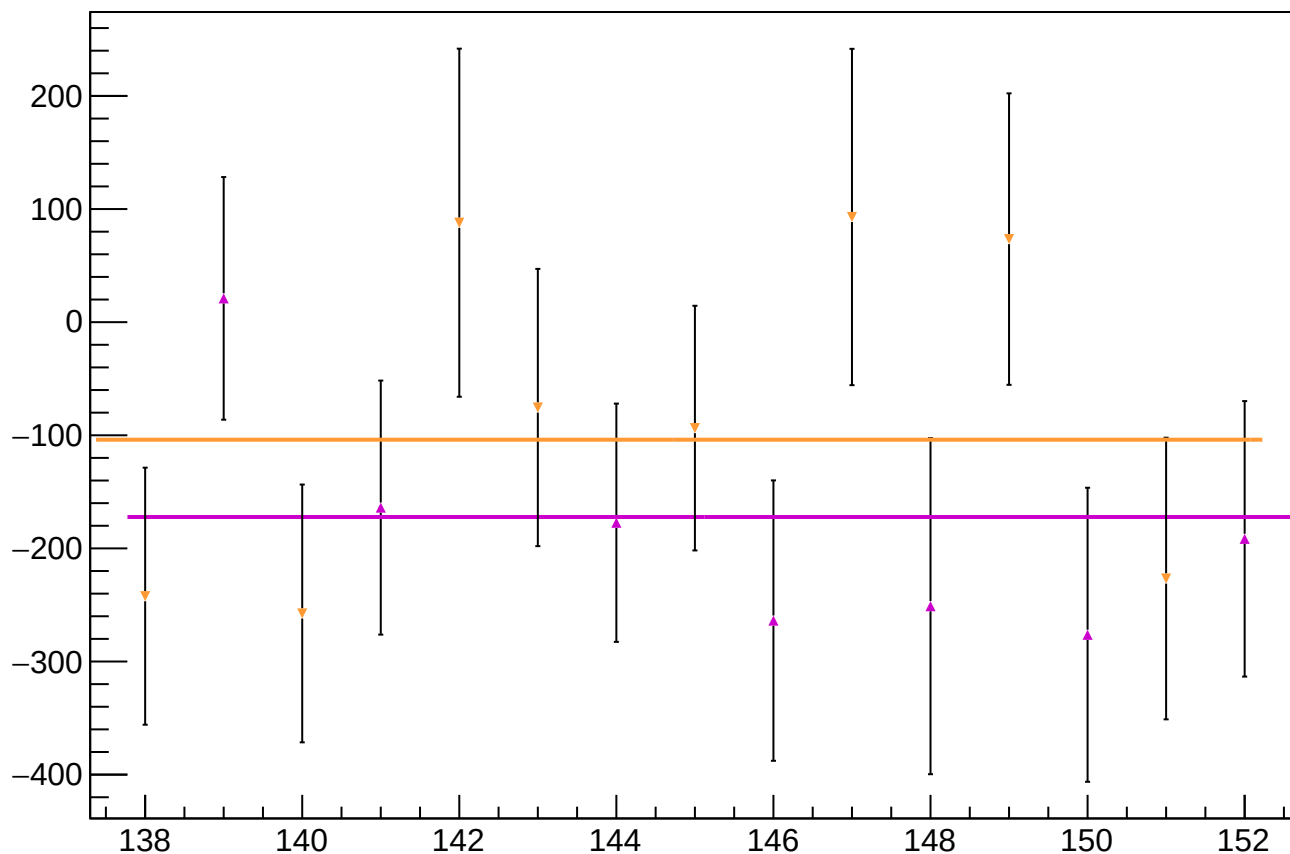
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1097.988+/-0.327 χ^2/NDF :249133.9/6

Out: 1088.126+/-0.325 χ^2/NDF :287463.2/7

All: 1093.038+/-0.231 χ^2/NDF : 537054.3/14

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -103.905+/-43.903 χ^2/NDF : 9.5/7

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

Left In: -172.234+/-45.019 χ^2/NDF : 4.7/6

Left: -137.212+/-31.431 χ^2/NDF : 15.5/14

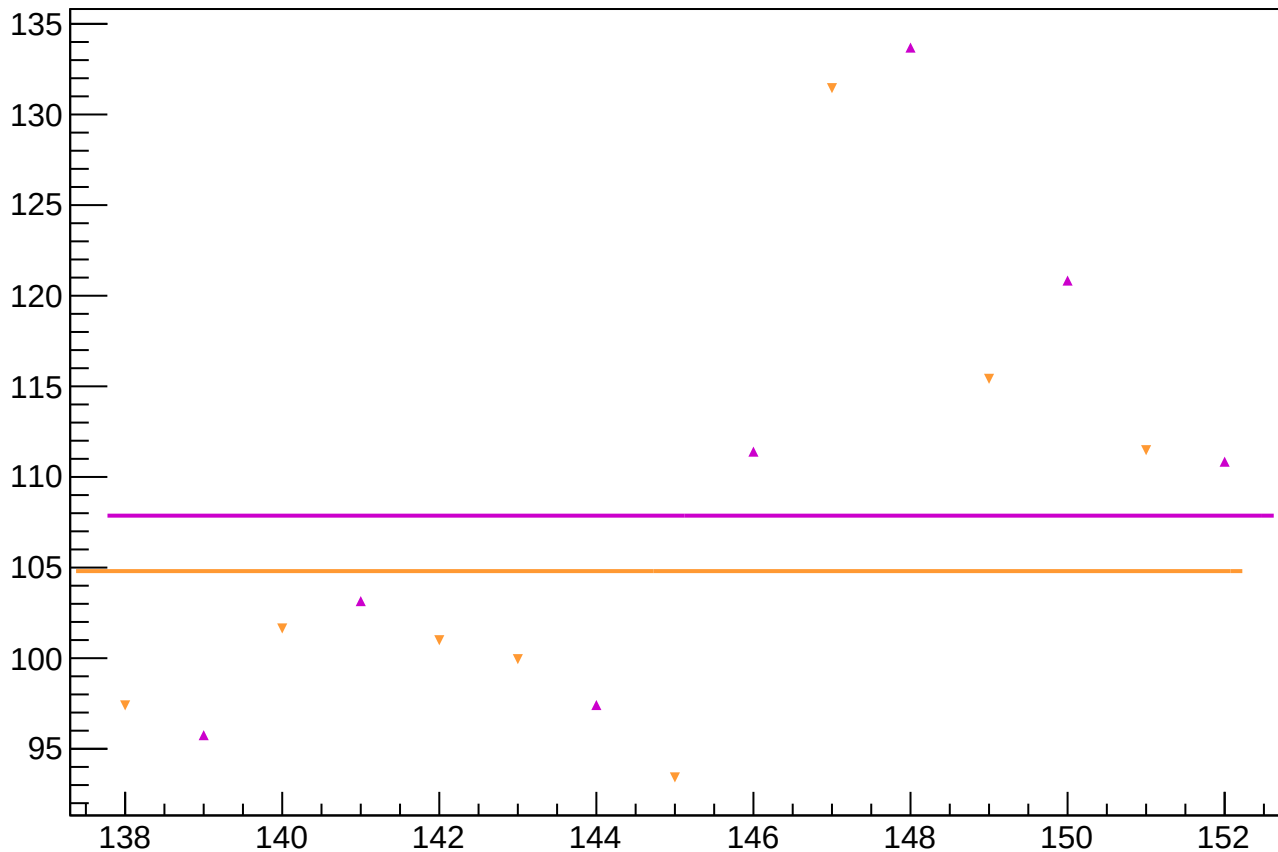
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -172.234+/-45.019 χ^2/NDF : 4.7/6

Out: -103.905+/-43.903 χ^2/NDF : 9.5/7

All: -137.212+/-31.431 χ^2/NDF : 15.5/14

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 104.805+/-0.031 χ^2/NDF :120144.5/7

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: 106.297+/-0.022 χ^2/NDF : 256791.7/14

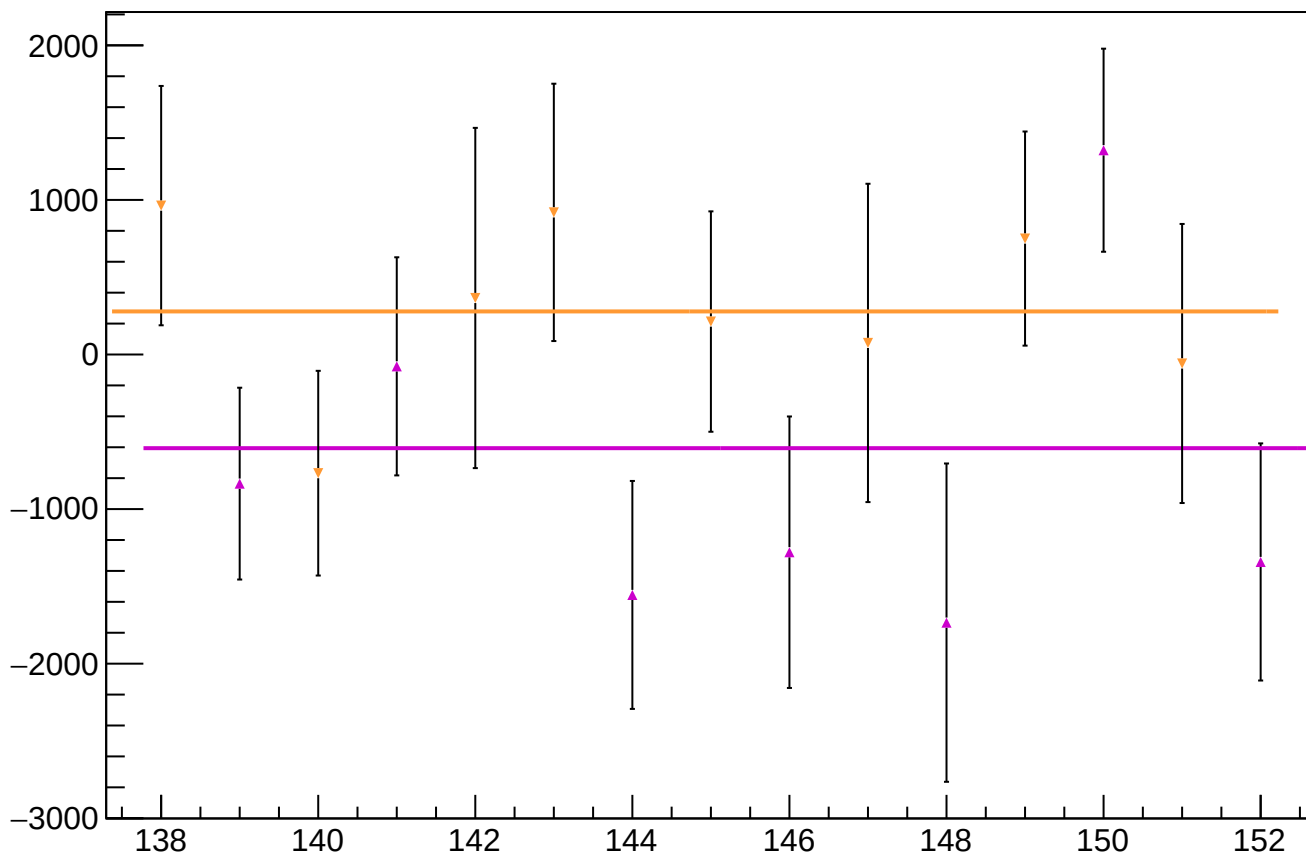
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.865+/-0.032 χ^2/NDF :131911.1/6

Out: 104.805+/-0.031 χ^2/NDF :120144.5/7

All: 106.297+/-0.022 χ^2/NDF : 256791.7/14

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 278.663+/-283.505 χ^2/NDF :4.5/7

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: -168.260+/-199.421 χ^2/NDF : 23.1/14

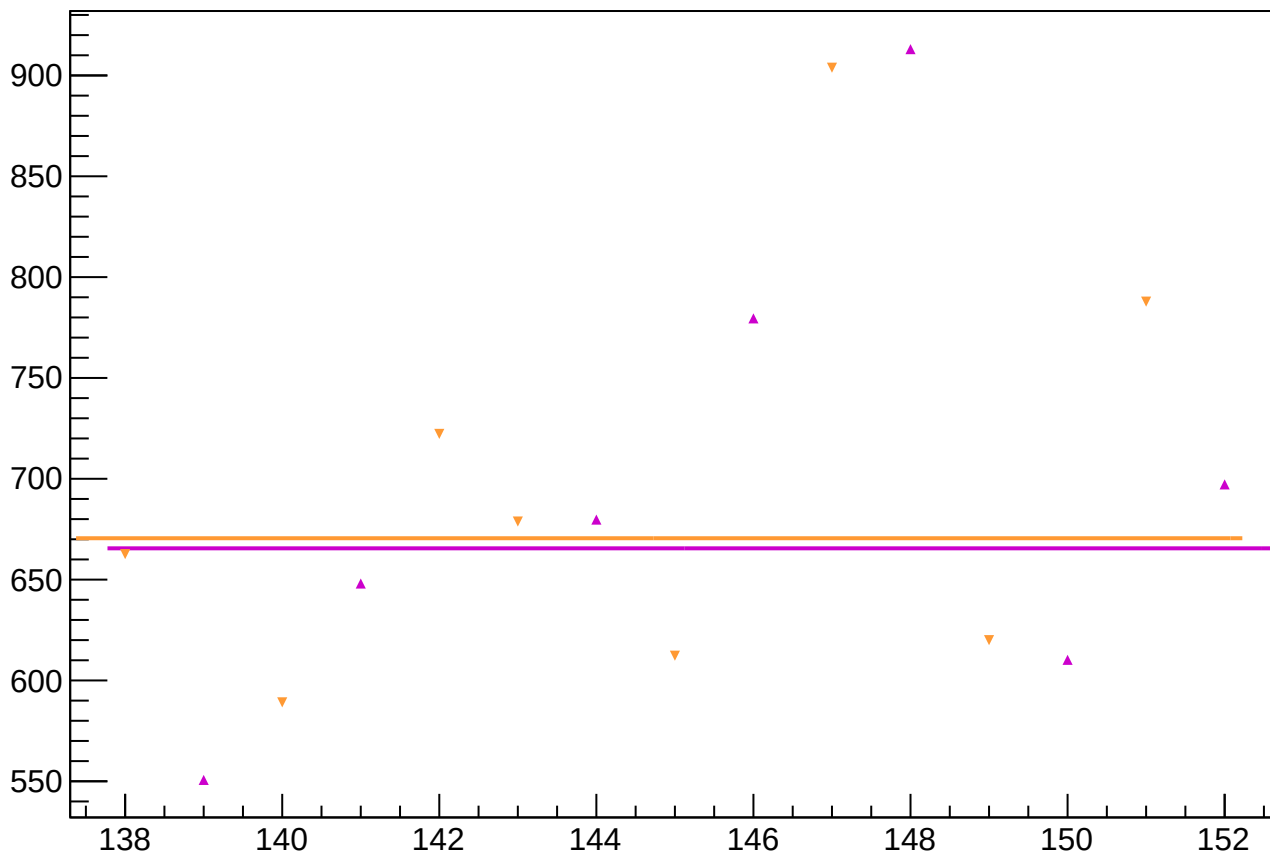
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -605.967+/-280.567 χ^2/NDF :13.7/6

Out: 278.663+/-283.505 χ^2/NDF :4.5/7

All: -168.260+/-199.421 χ^2/NDF : 23.1/14

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 670.518+/-0.200 χ^2/NDF :195531.4/7

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: 667.989+/-0.141 χ^2/NDF : 433244.7/14

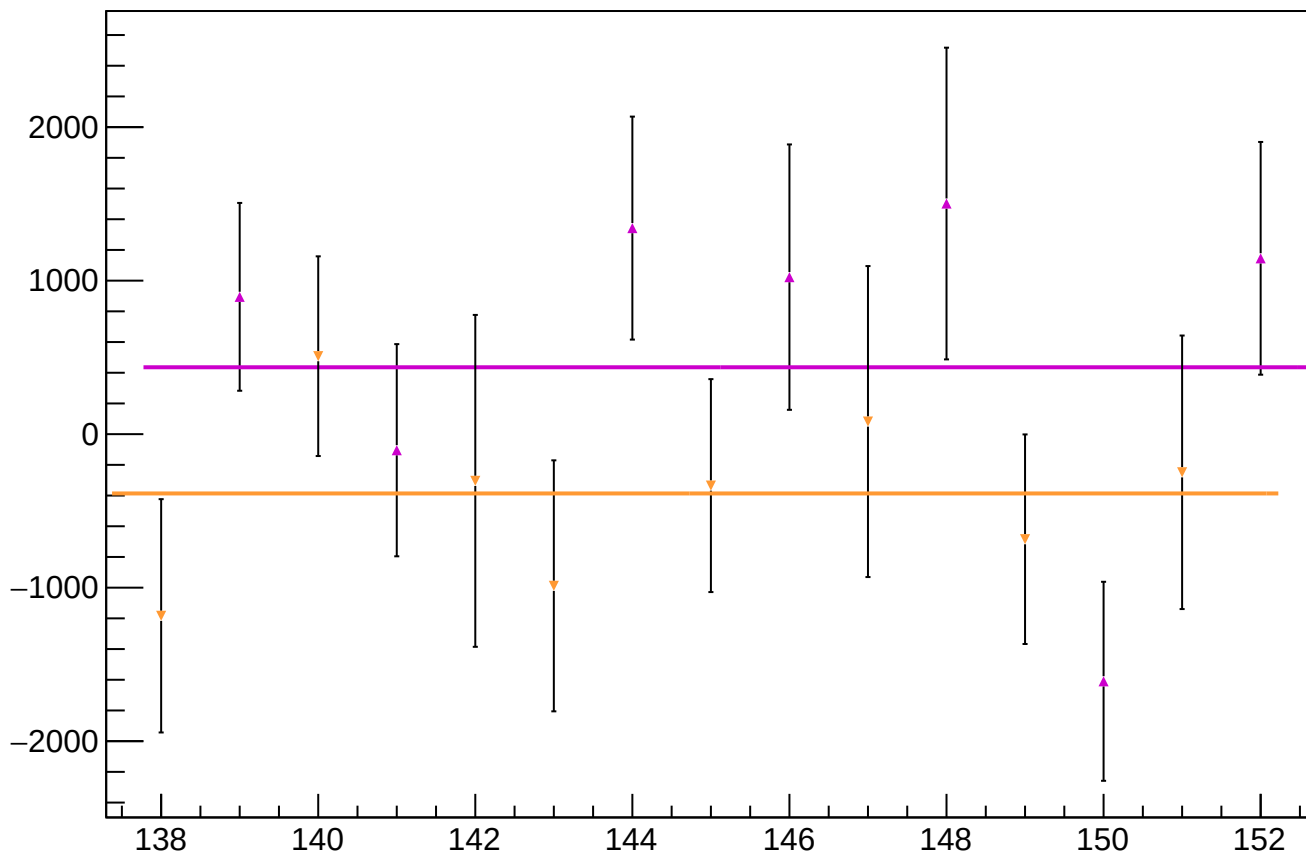
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 665.512+/-0.198 χ^2/NDF :237398.4/6

Out: 670.518+/-0.200 χ^2/NDF :195531.4/7

All: 667.989+/-0.141 χ^2/NDF : 433244.7/14

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -386.288+/-278.355 χ^2/NDF :4.0/7

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: 27.607+/-196.130 χ^2/NDF : 23.5/14

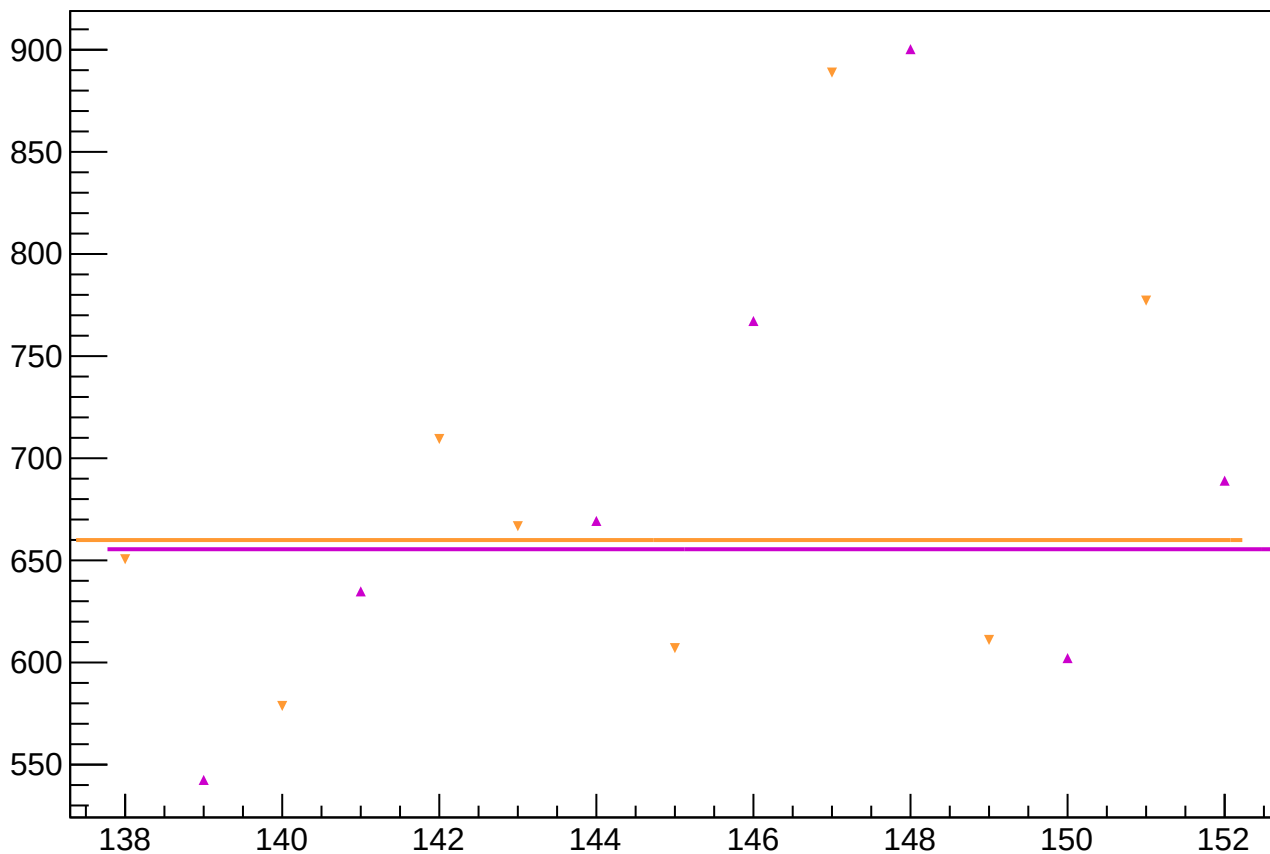
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 435.696+/-276.396 χ^2/NDF :15.1/6

Out: -386.288+/-278.355 χ^2/NDF :4.0/7

All: 27.607+/-196.130 χ^2/NDF : 23.5/14

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 659.948+/-0.197 χ^2/NDF :194463.0/7

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: 657.685+/-0.139 χ^2/NDF : 432586.5/14

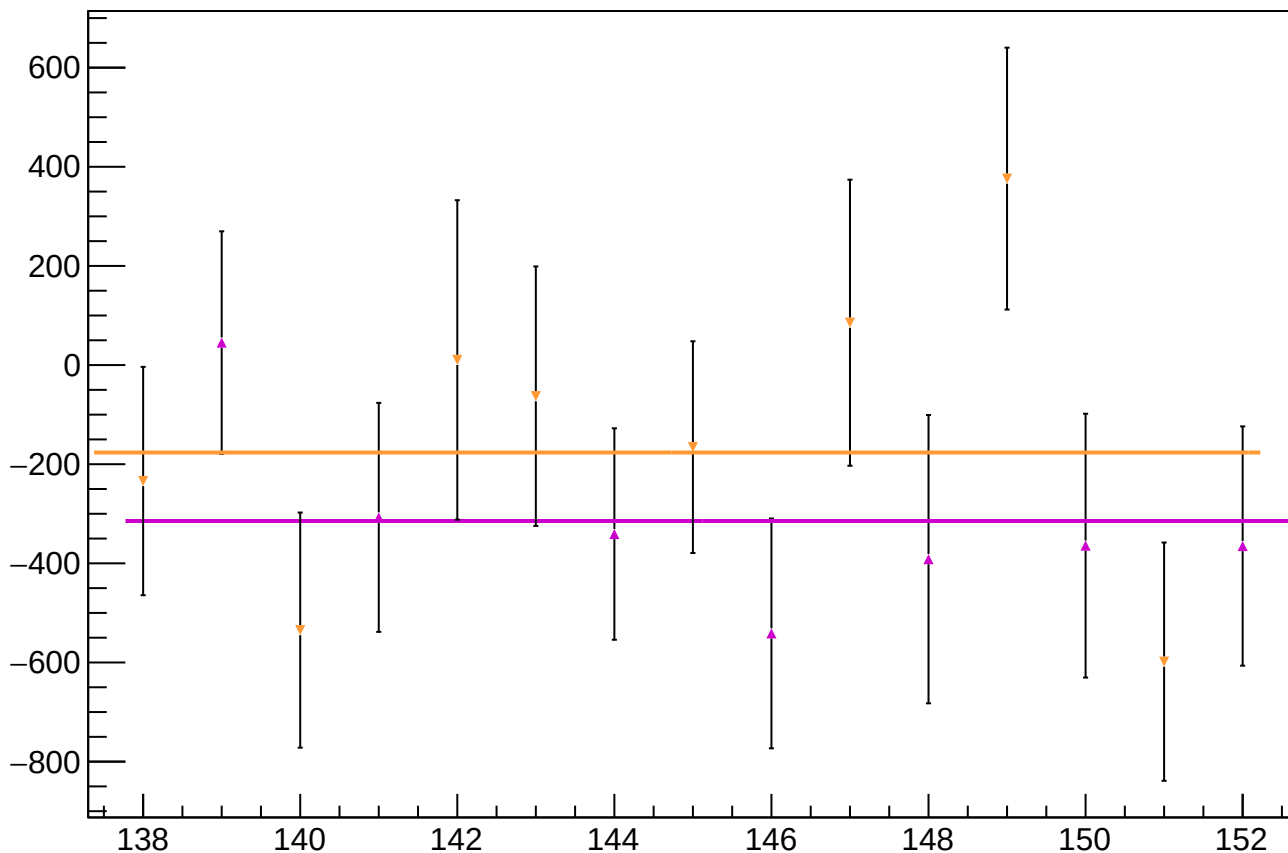
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 655.454+/-0.195 χ^2/NDF :237861.0/6

Out: 659.948+/-0.197 χ^2/NDF :194463.0/7

All: 657.685+/-0.139 χ^2/NDF : 432586.5/14

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -176.405+/-88.936 χ^2/NDF :11.2/7

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

Left In: -314.570+/-90.428 χ^2/NDF :3.7/6

Left: -244.338+/-63.408 χ^2/NDF : 16.0/14

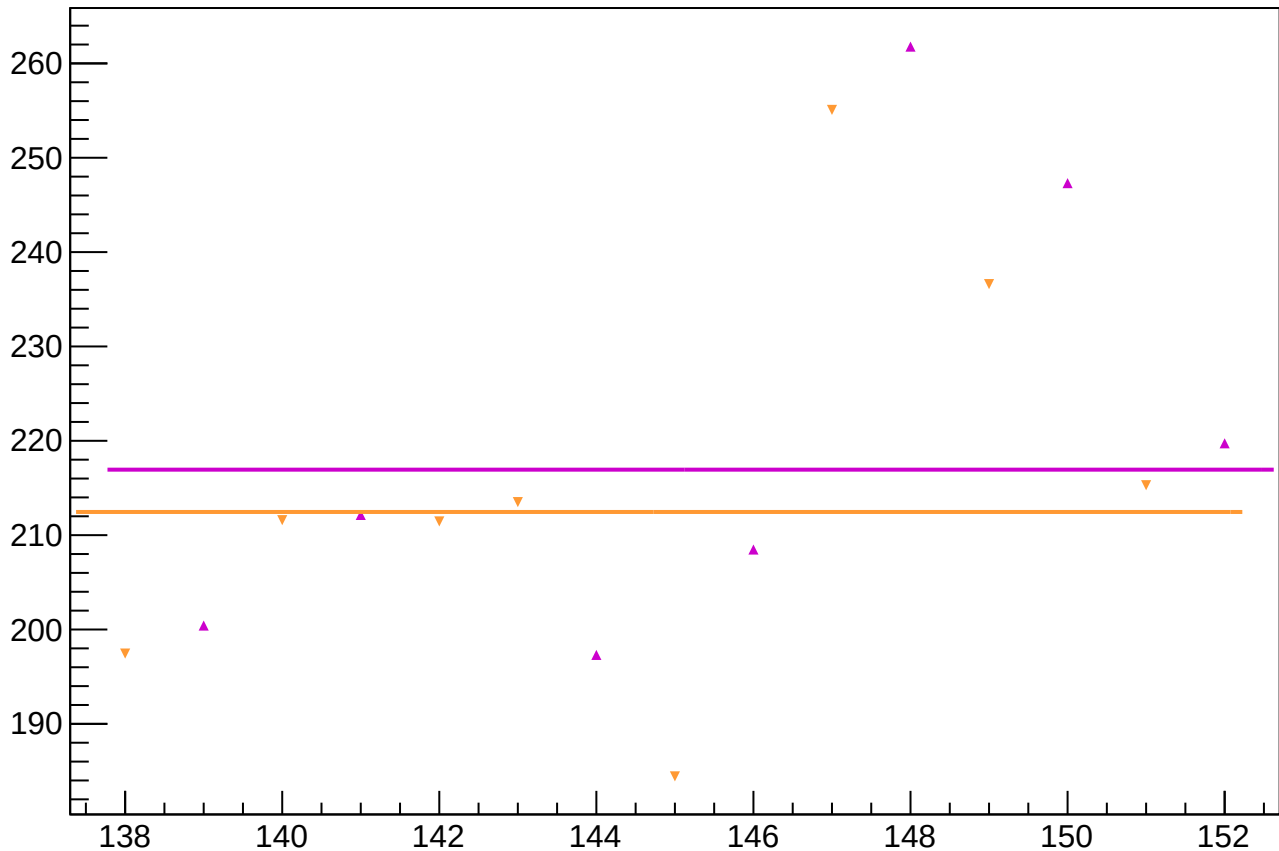
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -314.570+/-90.428 χ^2/NDF :3.7/6

Out: -176.405+/-88.936 χ^2/NDF :11.2/7

All: -244.338+/-63.408 χ^2/NDF : 16.0/14

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 212.458+/-0.063 χ^2/NDF :103617.8/7

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: 214.663+/-0.045 χ^2/NDF : 211284.3/14

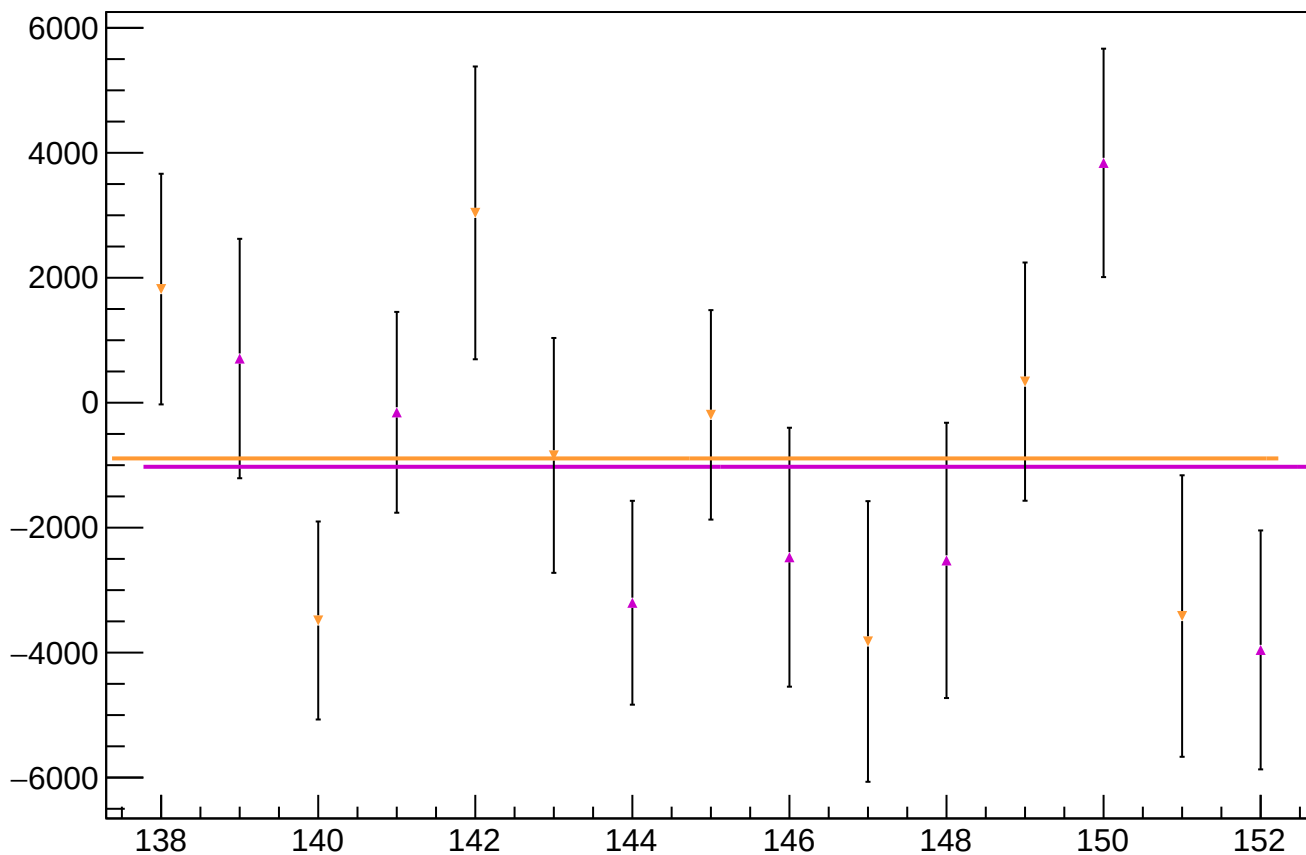
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.942+/-0.064 χ^2/NDF :105166.7/6

Out: 212.458+/-0.063 χ^2/NDF :103617.8/7

All: 214.663+/-0.045 χ^2/NDF : 211284.3/14

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -891.676+/-676.841 χ^2/NDF : 11.2/7

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: -956.504+/-486.248 χ^2/NDF : 24.5/14

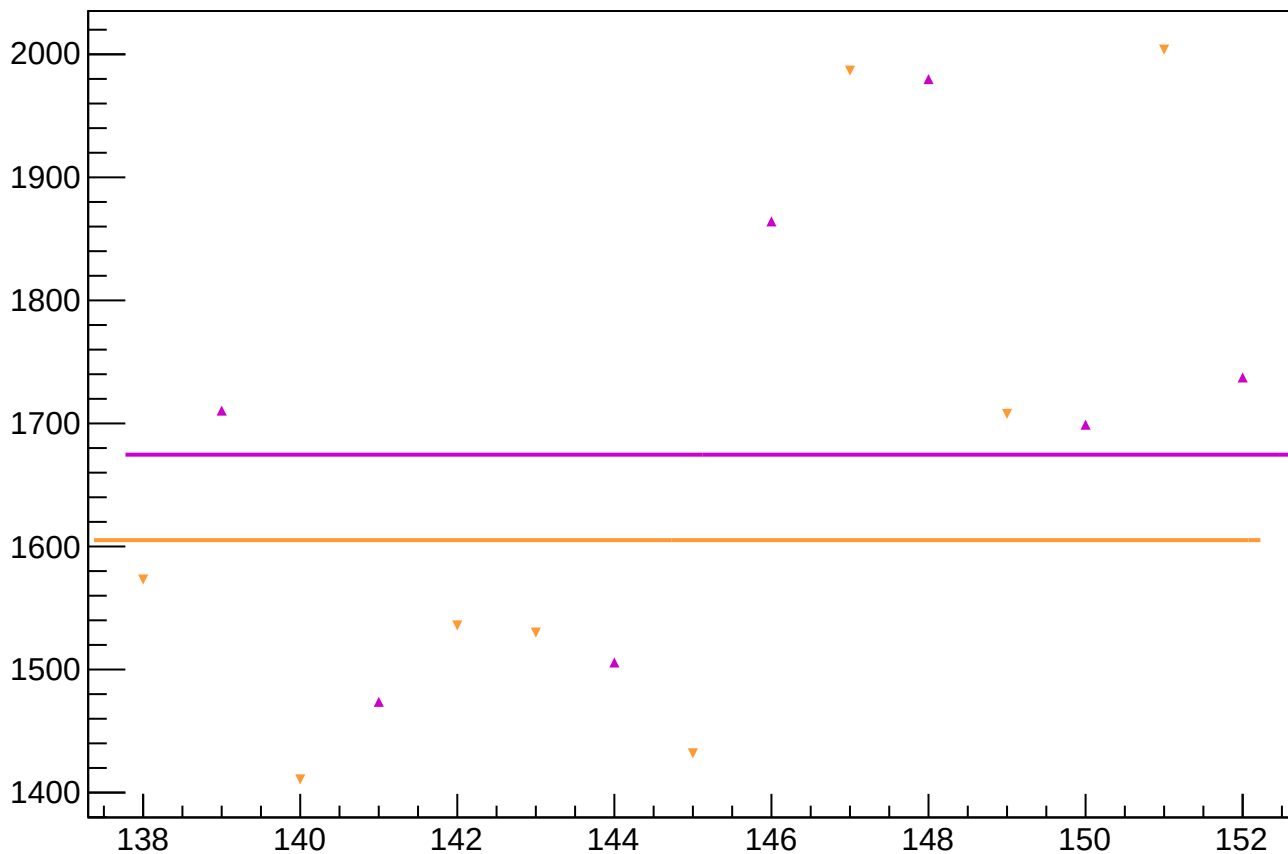
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1025.650+/-699.011 χ^2/NDF : 13.3/6

Out: -891.676+/-676.841 χ^2/NDF : 11.2/7

All: -956.504+/-486.248 χ^2/NDF : 24.5/14

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1605.160+/-0.479 χ^2/NDF :183149.7/7

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: 1638.781+/-0.344 χ^2/NDF : 304352.3/14

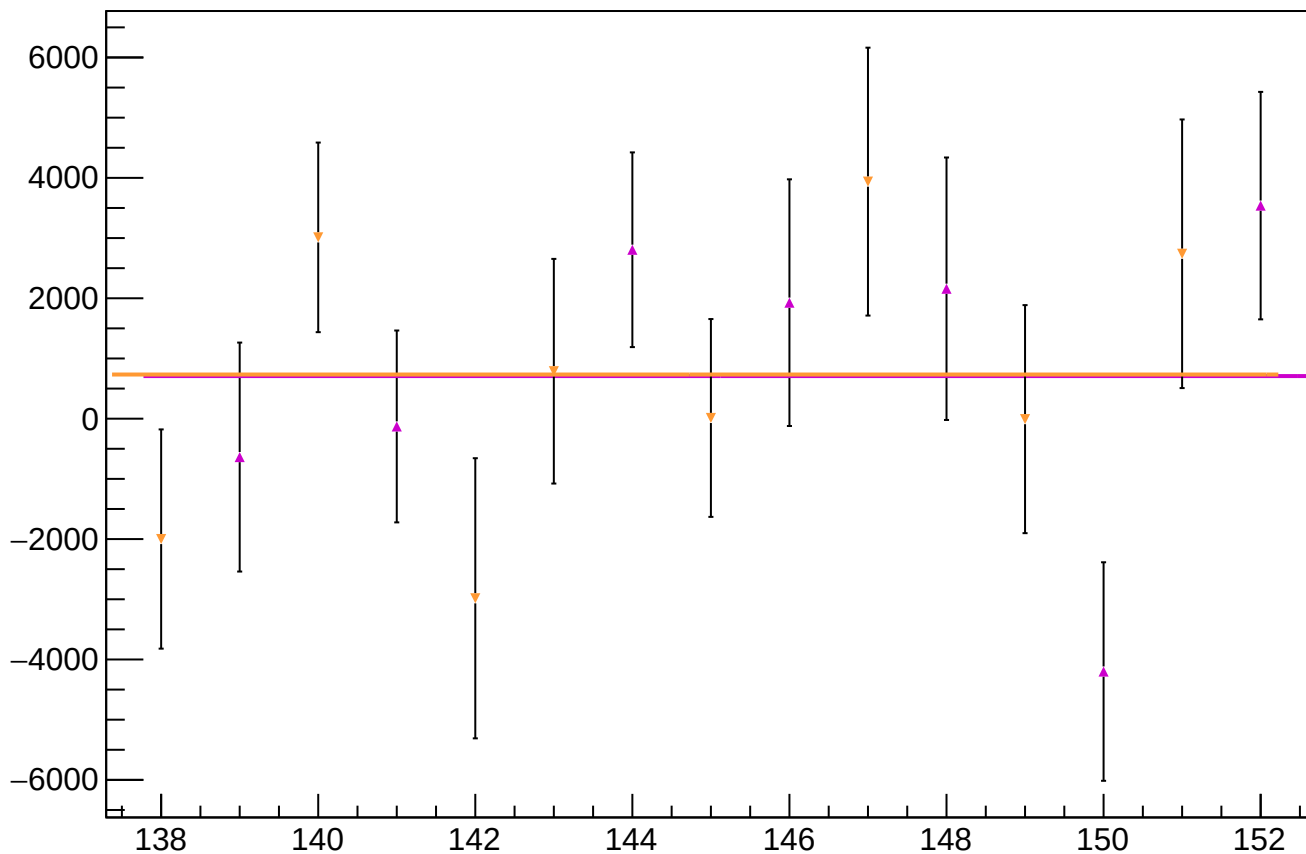
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1674.640+/-0.494 χ^2/NDF :111004.4/6

Out: 1605.160+/-0.479 χ^2/NDF :183149.7/7

All: 1638.781+/-0.344 χ^2/NDF : 304352.3/14

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 733.490+/-669.831 χ^2/NDF :10.1/7

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: 721.007+/-481.470 χ^2/NDF : 22.9/14

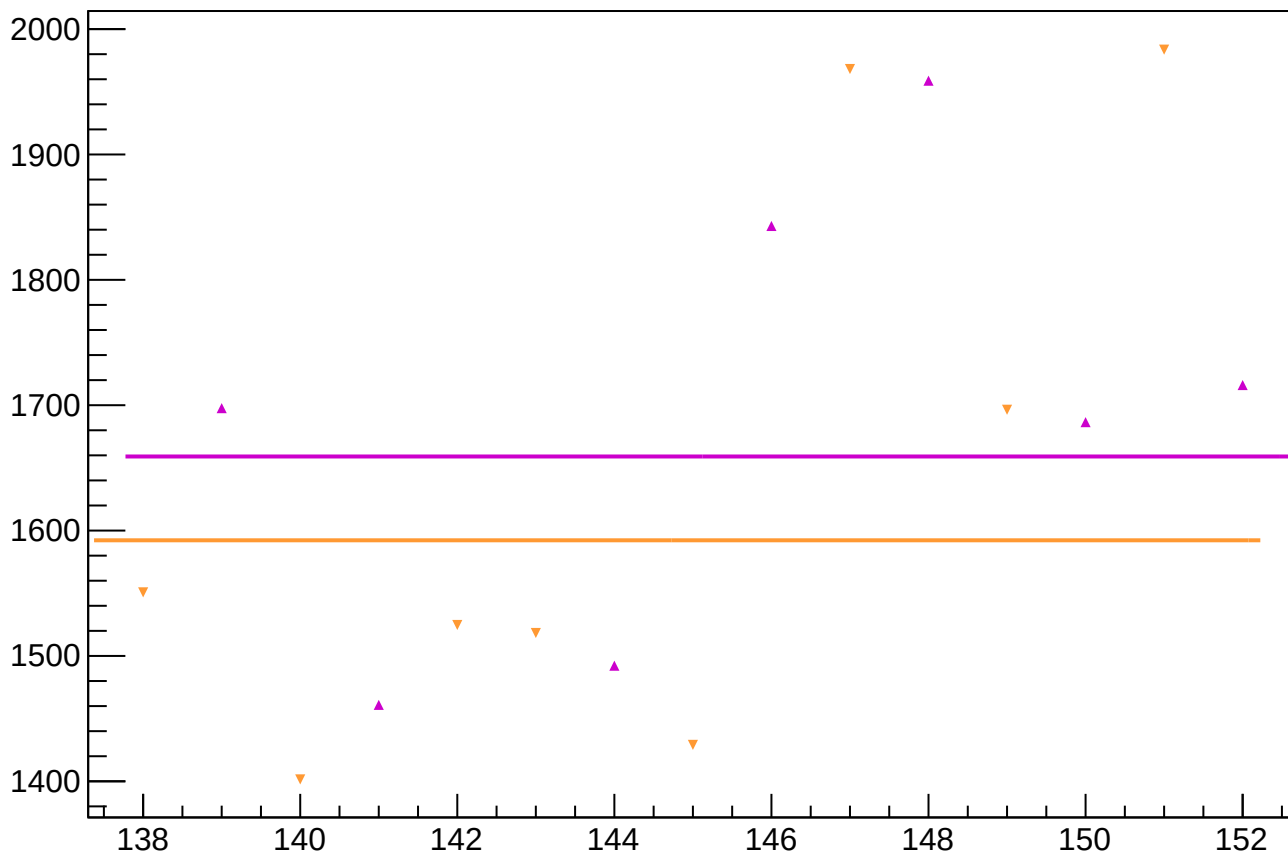
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.665+/-692.539 χ^2/NDF :12.8/6

Out: 733.490+/-669.831 χ^2/NDF :10.1/7

All: 721.007+/-481.470 χ^2/NDF : 22.9/14

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1592.242+/-0.474 χ^2/NDF :179608.0/7

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: 1624.557+/-0.340 χ^2/NDF : 298463.7/14

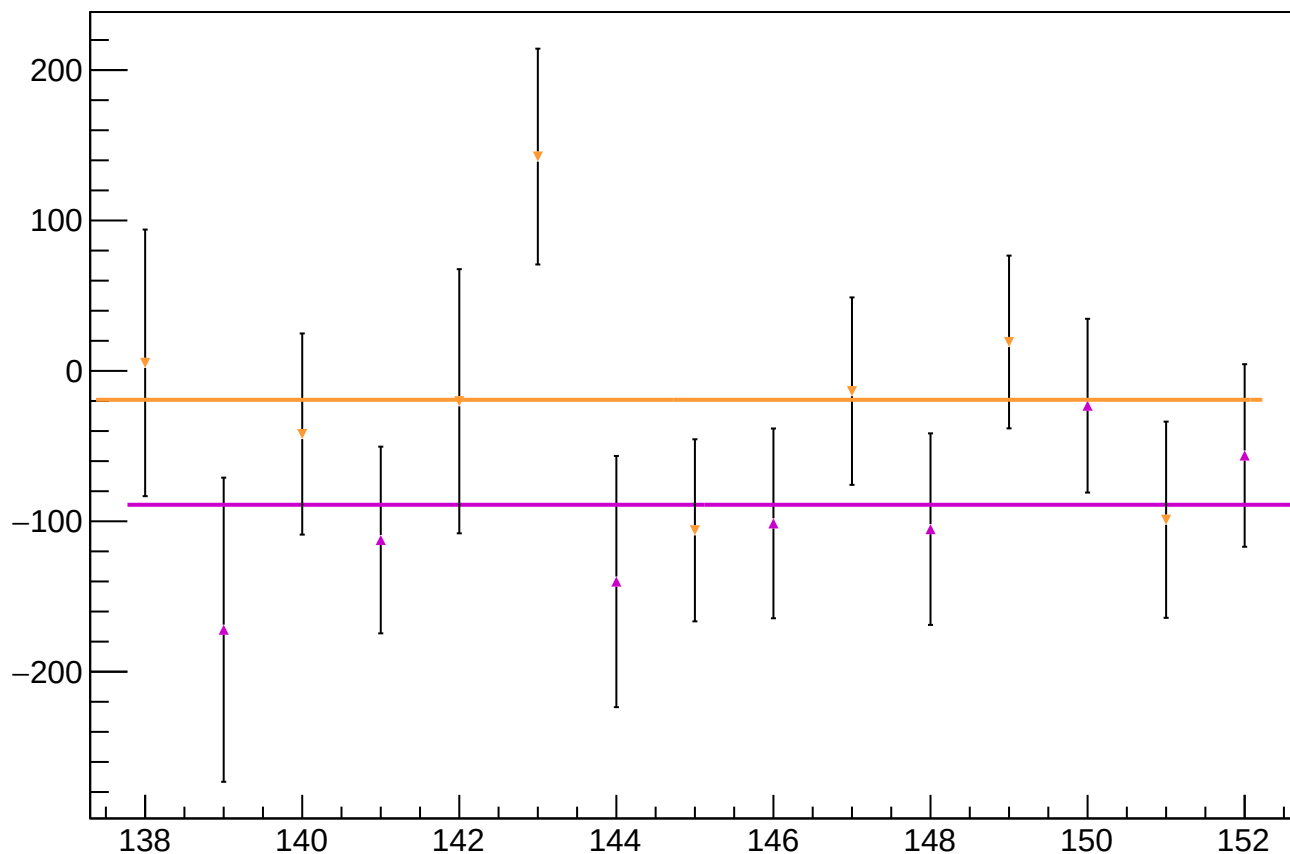
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1659.099+/-0.490 χ^2/NDF :109225.3/6

Out: 1592.242+/-0.474 χ^2/NDF :179608.0/7

All: 1624.557+/-0.340 χ^2/NDF : 298463.7/14

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -19.200 ± 23.949 $\chi^2/\text{NDF}: 9.3/7$

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

Left In: -89.010 ± 25.239 $\chi^2/\text{NDF}: 2.9/6$

Left: -52.275 ± 17.373 $\chi^2/\text{NDF}: 16.2/14$

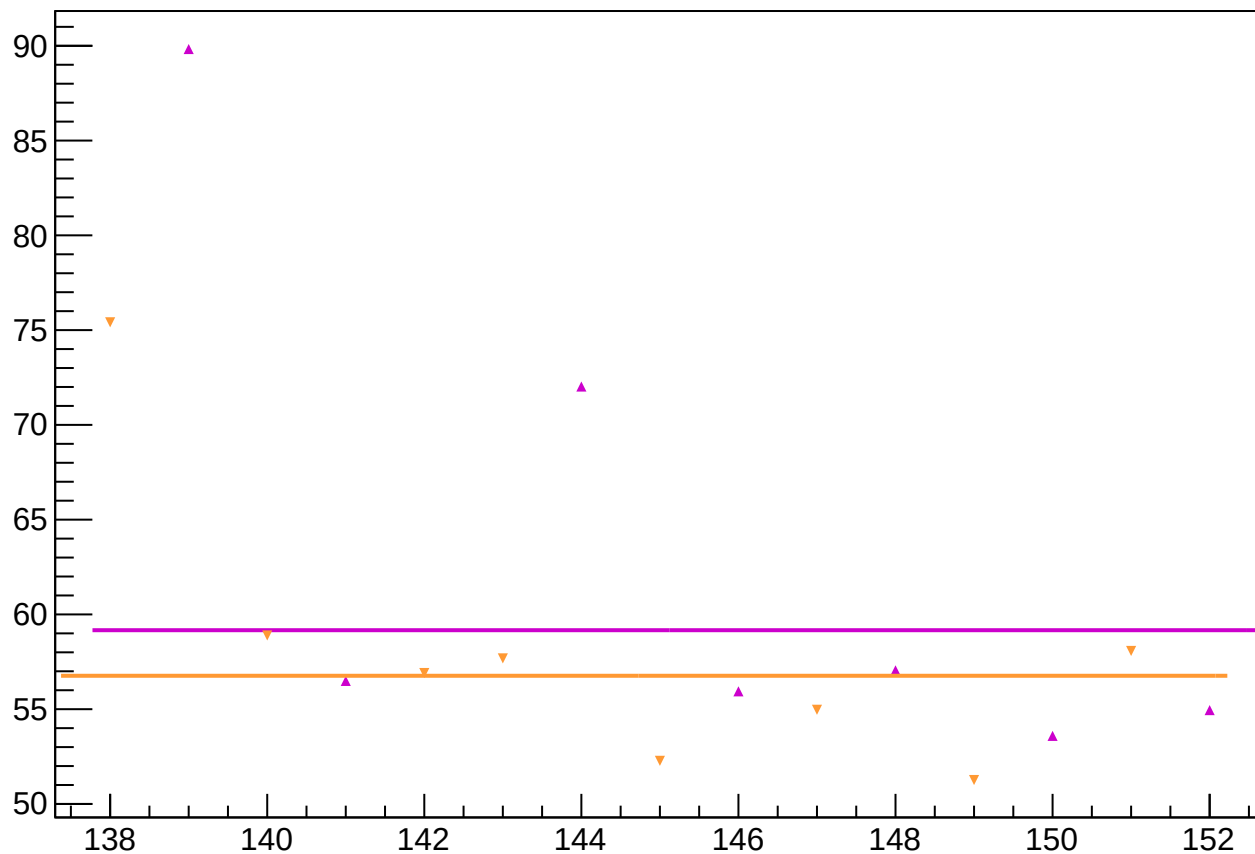
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -89.010 ± 25.239 $\chi^2/\text{NDF}: 2.9/6$

Out: -19.200 ± 23.949 $\chi^2/\text{NDF}: 9.3/7$

All: -52.275 ± 17.373 $\chi^2/\text{NDF}: 16.2/14$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 56.763+/-0.017 χ^2/NDF :122707.2/7

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: 57.902+/-0.012 χ^2/NDF : 402995.2/14

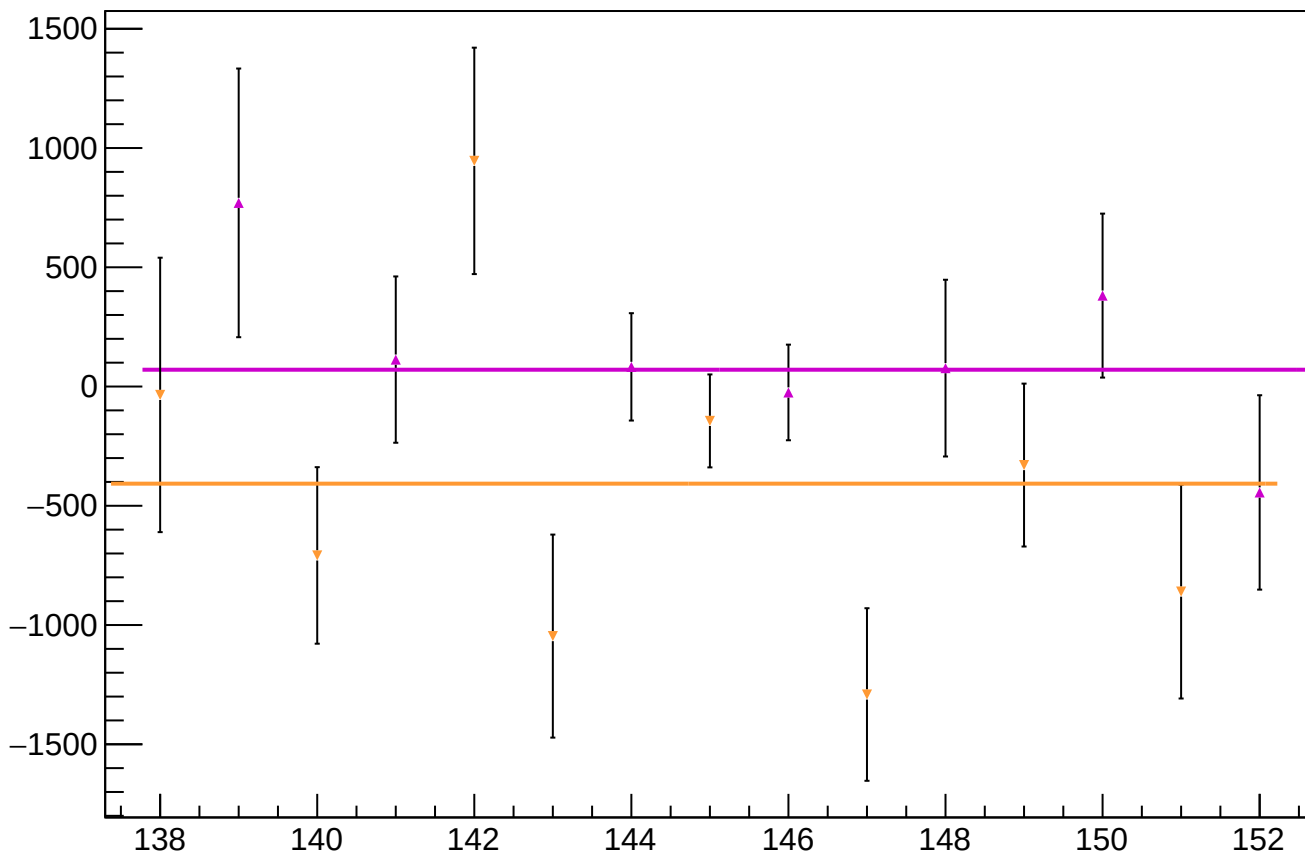
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.167+/-0.018 χ^2/NDF :270740.3/6

Out: 56.763+/-0.017 χ^2/NDF :122707.2/7

All: 57.902+/-0.012 χ^2/NDF : 402995.2/14

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -407.266+/-121.443 χ^2/NDF :20.3/7

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: -152.044+/-82.883 χ^2/NDF : 32.8/14

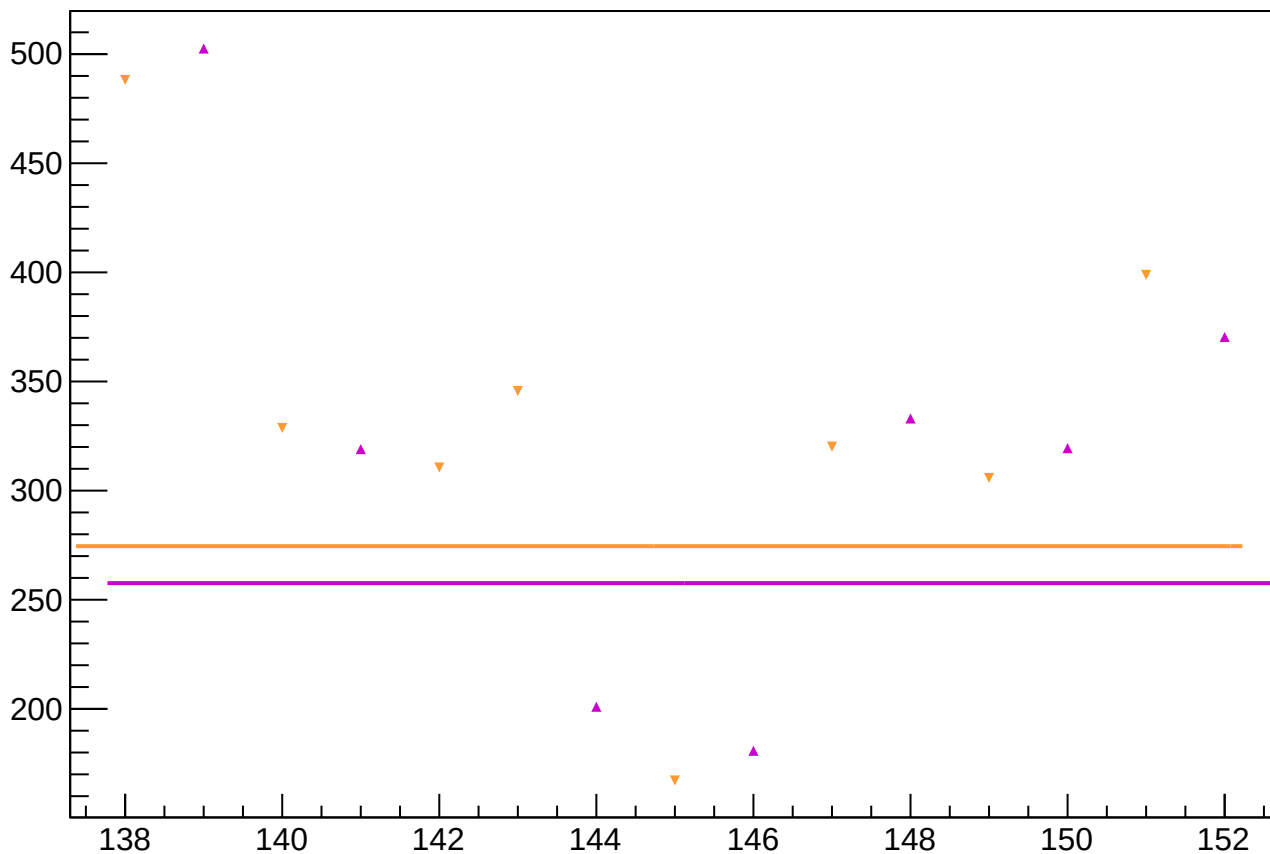
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.480+/-113.397 χ^2/NDF :4.2/6

Out: -407.266+/-121.443 χ^2/NDF :20.3/7

All: -152.044+/-82.883 χ^2/NDF : 32.8/14

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.556+/-0.086 χ^2/NDF :1195355.1/7

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: 265.508+/-0.059 χ^2/NDF : 2377388.9/14

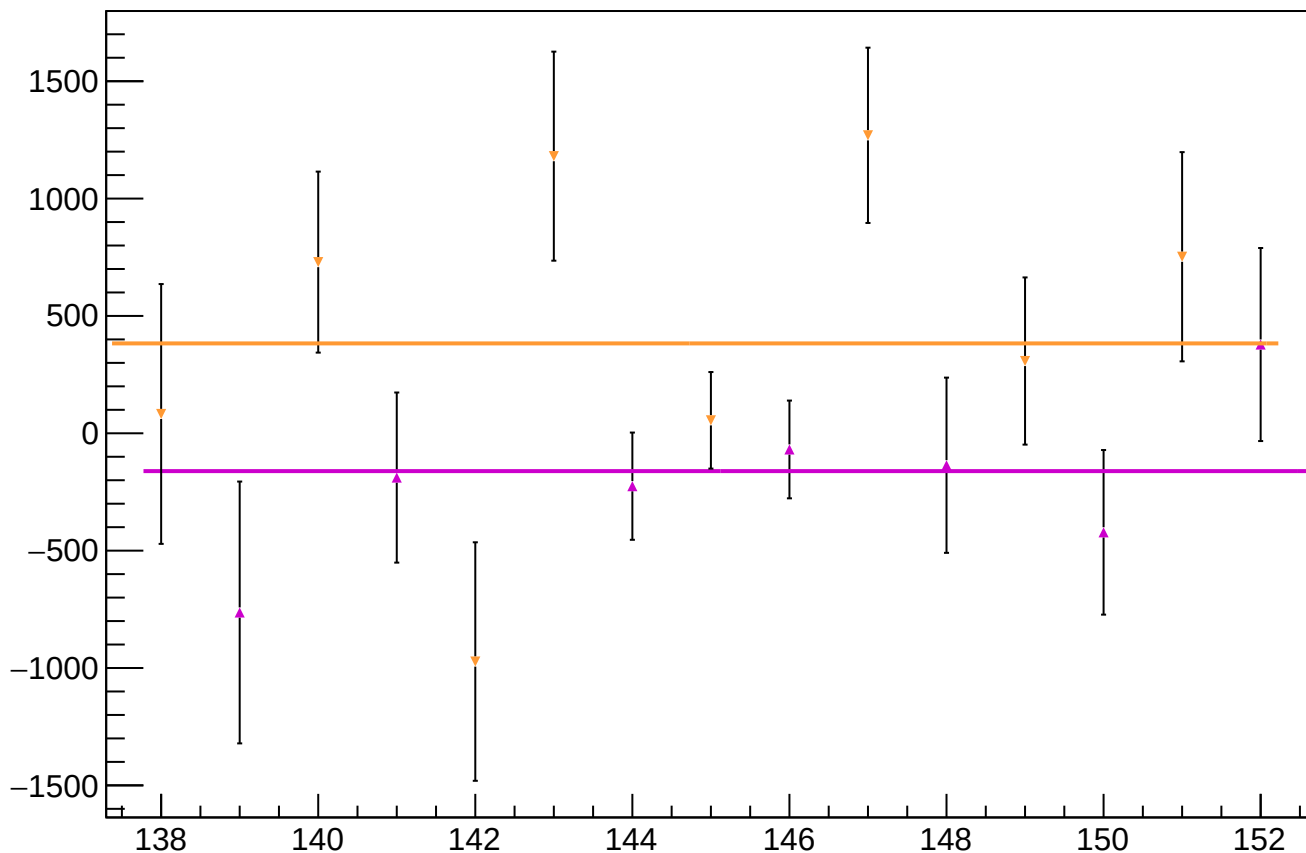
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.619+/-0.080 χ^2/NDF :1161251.8/6

Out: 274.556+/-0.086 χ^2/NDF :1195355.1/7

All: 265.508+/-0.059 χ^2/NDF : 2377388.9/14

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 382.948+/-126.355 χ^2/NDF : 20.3/7

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: 87.781+/-85.465 χ^2/NDF : 34.1/14

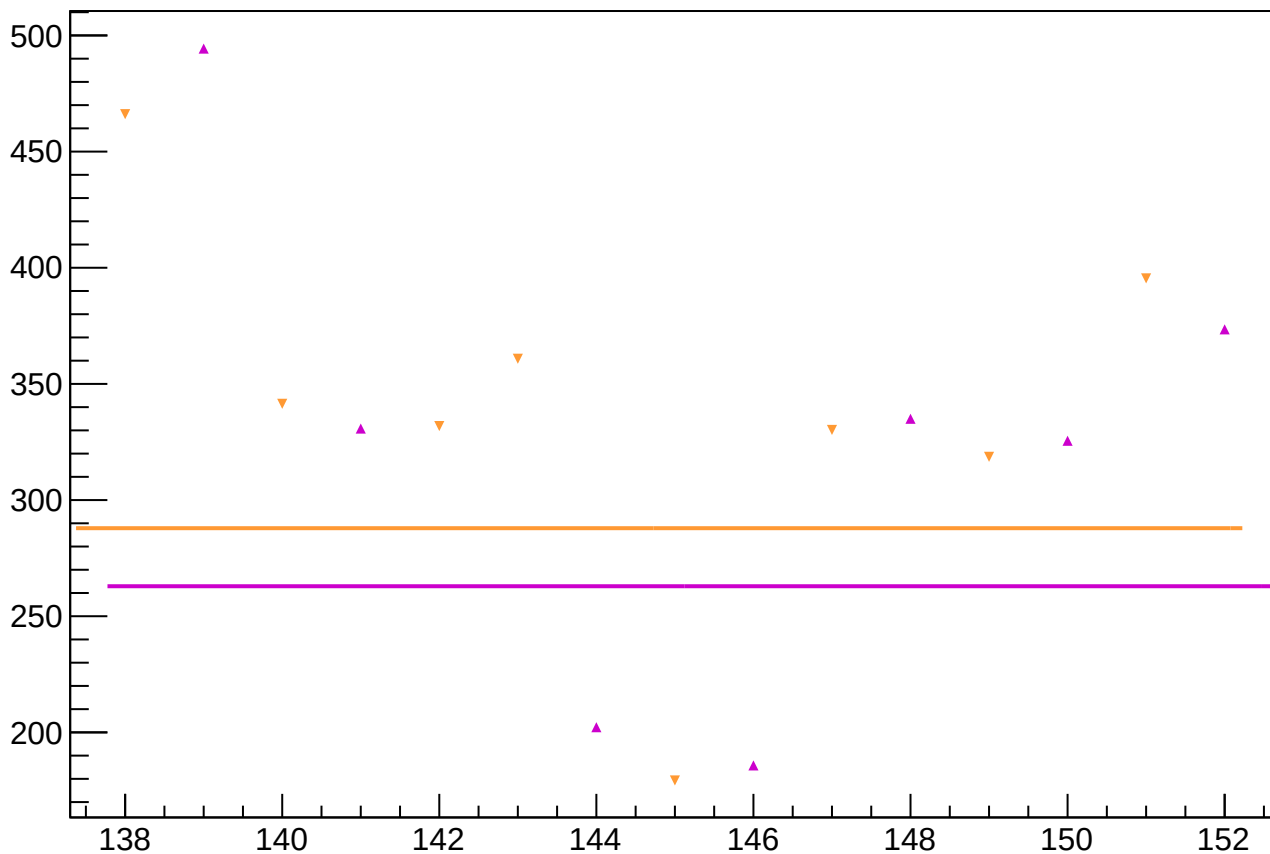
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -161.142+/-116.036 χ^2/NDF : 3.7/6

Out: 382.948+/-126.355 χ^2/NDF : 20.3/7

All: 87.781+/-85.465 χ^2/NDF : 34.1/14

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 287.893+/-0.089 χ^2/NDF :1028990.2/7

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: 274.341+/-0.060 χ^2/NDF : 2184306.5/14

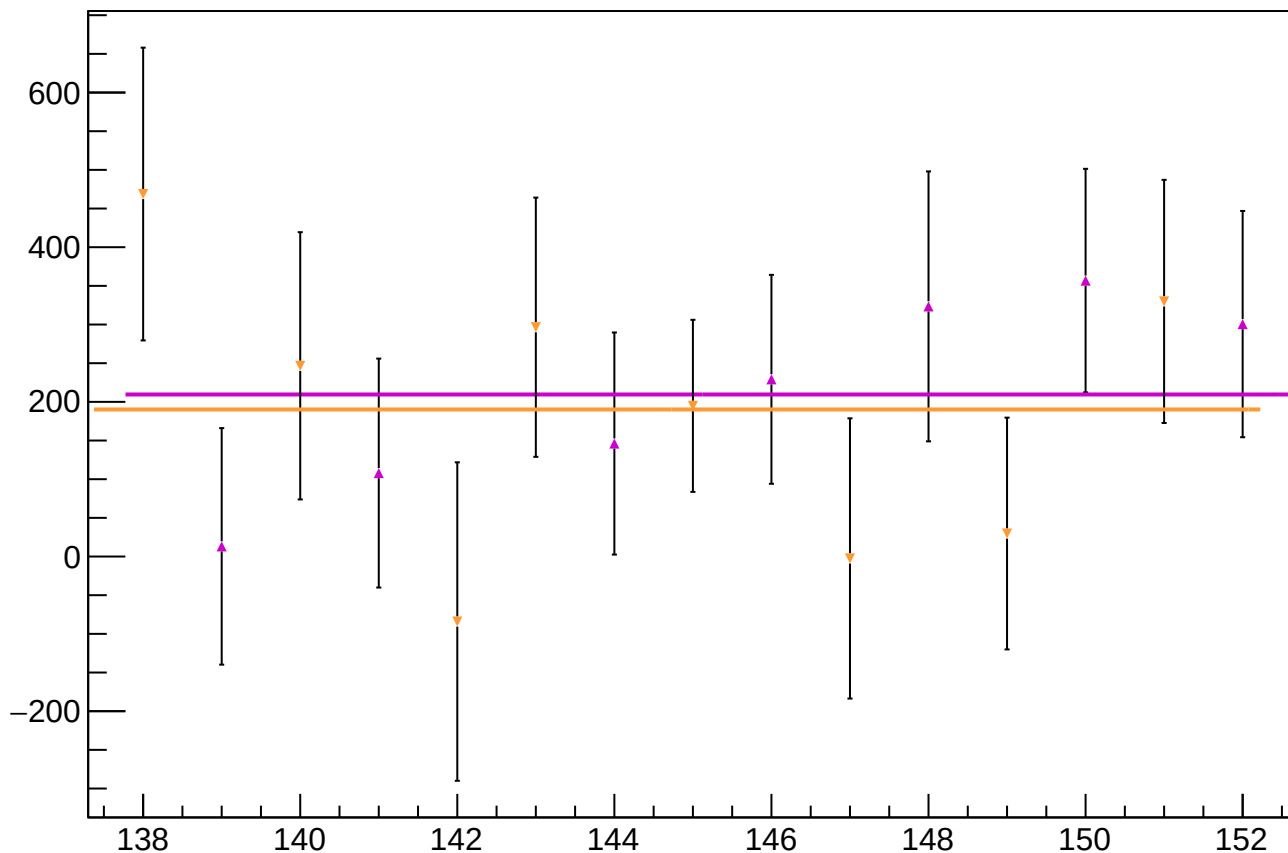
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 262.911+/-0.082 χ^2/NDF :1112901.5/6

Out: 287.893+/-0.089 χ^2/NDF :1028990.2/7

All: 274.341+/-0.060 χ^2/NDF : 2184306.5/14

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 190.174+/-56.184 χ^2/NDF : 7.5/7

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: 199.900+/-39.656 χ^2/NDF : 11.8/14

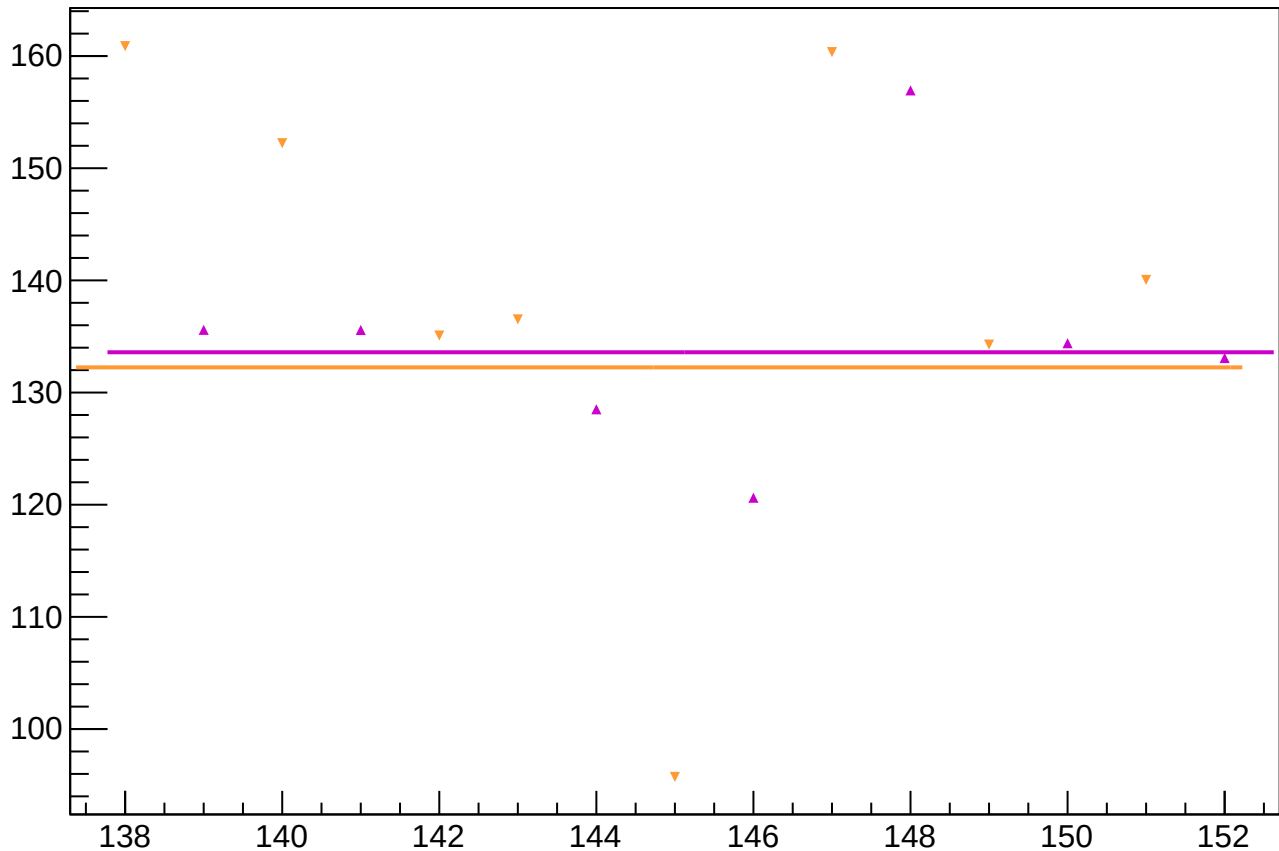
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.556+/-55.980 χ^2/NDF : 4.2/6

Out: 190.174+/-56.184 χ^2/NDF : 7.5/7

All: 199.900+/-39.656 χ^2/NDF : 11.8/14

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 132.244+/-0.040 χ^2/NDF :343014.3/7

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: 132.921+/-0.028 χ^2/NDF : 401107.4/14

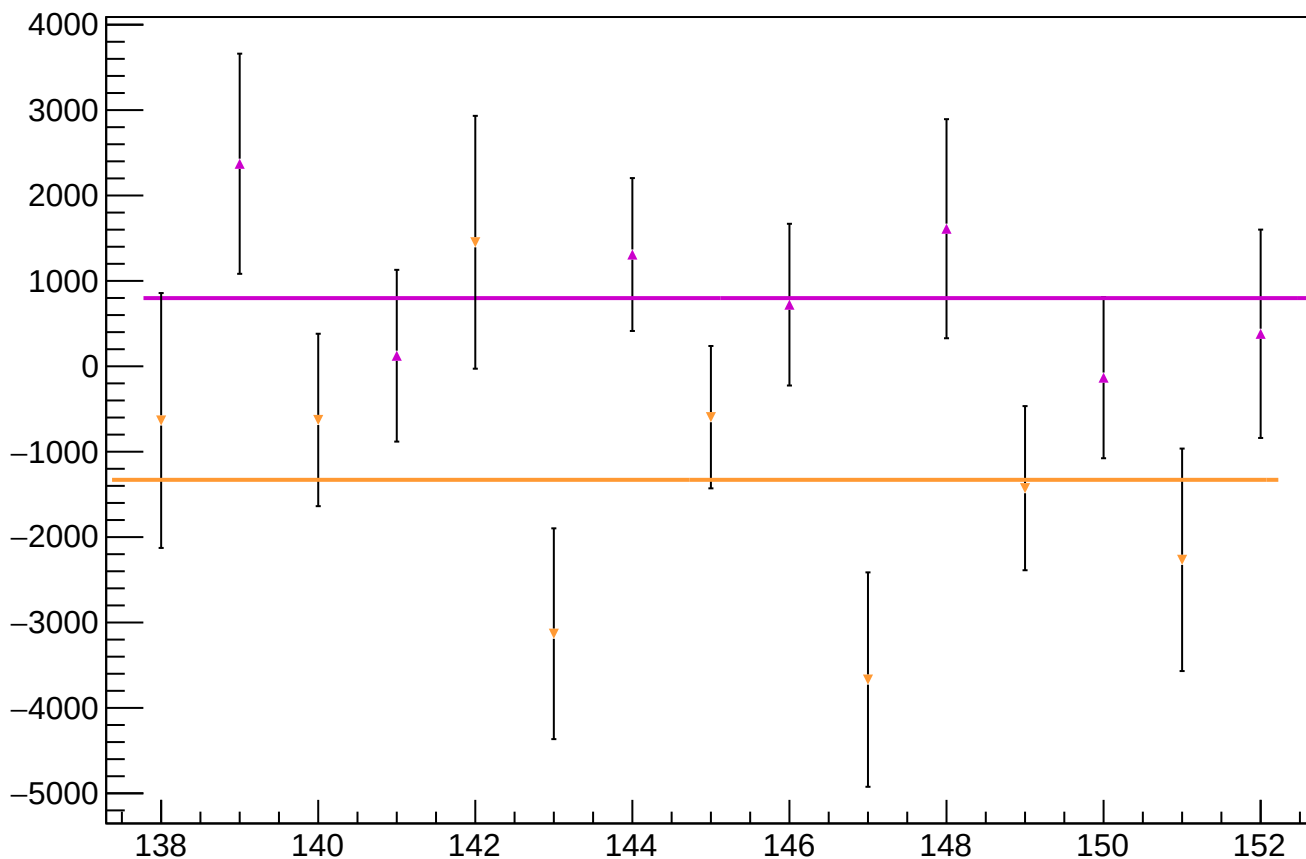
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.592+/-0.040 χ^2/NDF :57516.0/6

Out: 132.244+/-0.040 χ^2/NDF :343014.3/7

All: 132.921+/-0.028 χ^2/NDF : 401107.4/14

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1329.257+/-398.733 χ^2/NDF :11.1/7

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: -259.800+/-281.203 χ^2/NDF : 29.2/14

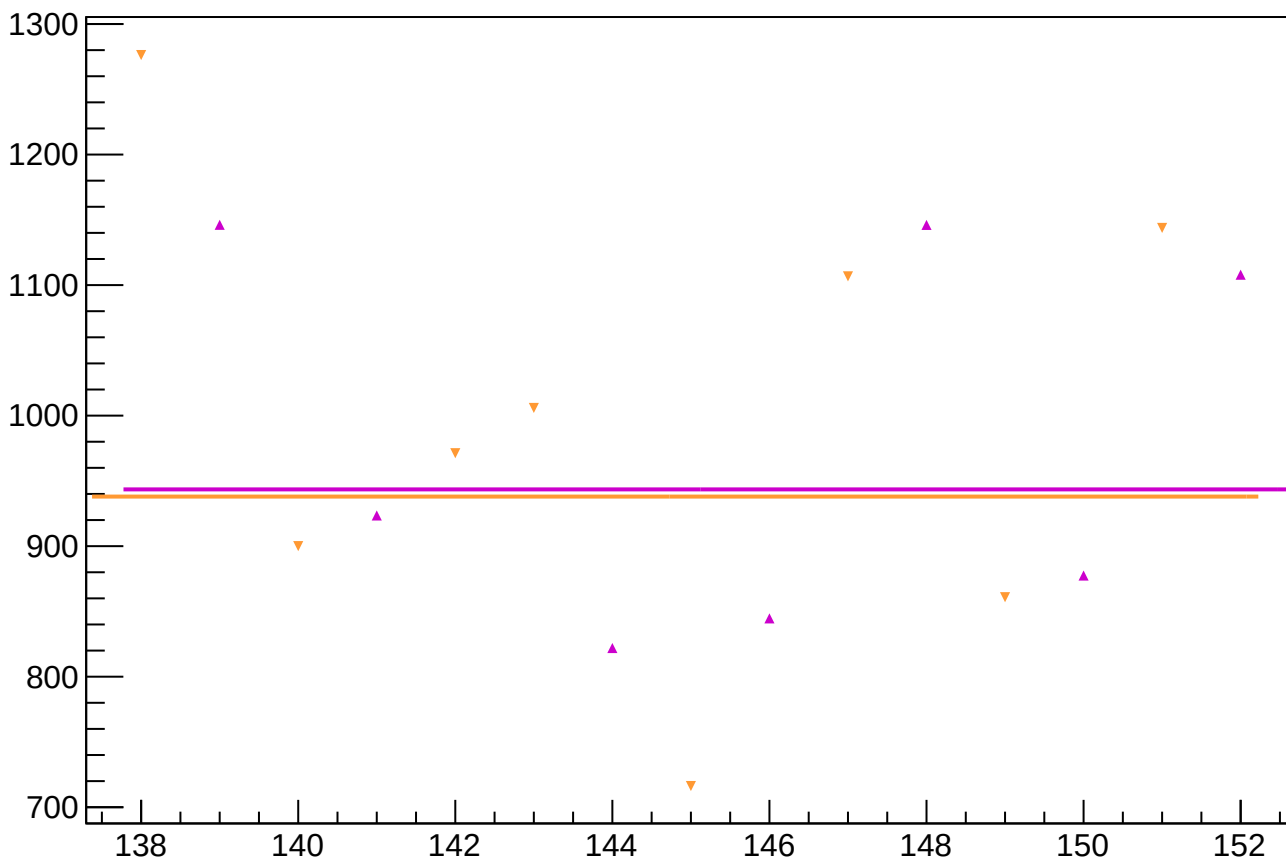
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 798.446+/-396.637 χ^2/NDF :3.8/6

Out: -1329.257+/-398.733 χ^2/NDF :11.1/7

All: -259.800+/-281.203 χ^2/NDF : 29.2/14

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 937.981+/-0.282 χ^2/NDF : 353146.1/7

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: 940.750+/-0.199 χ^2/NDF : 558294.0/14

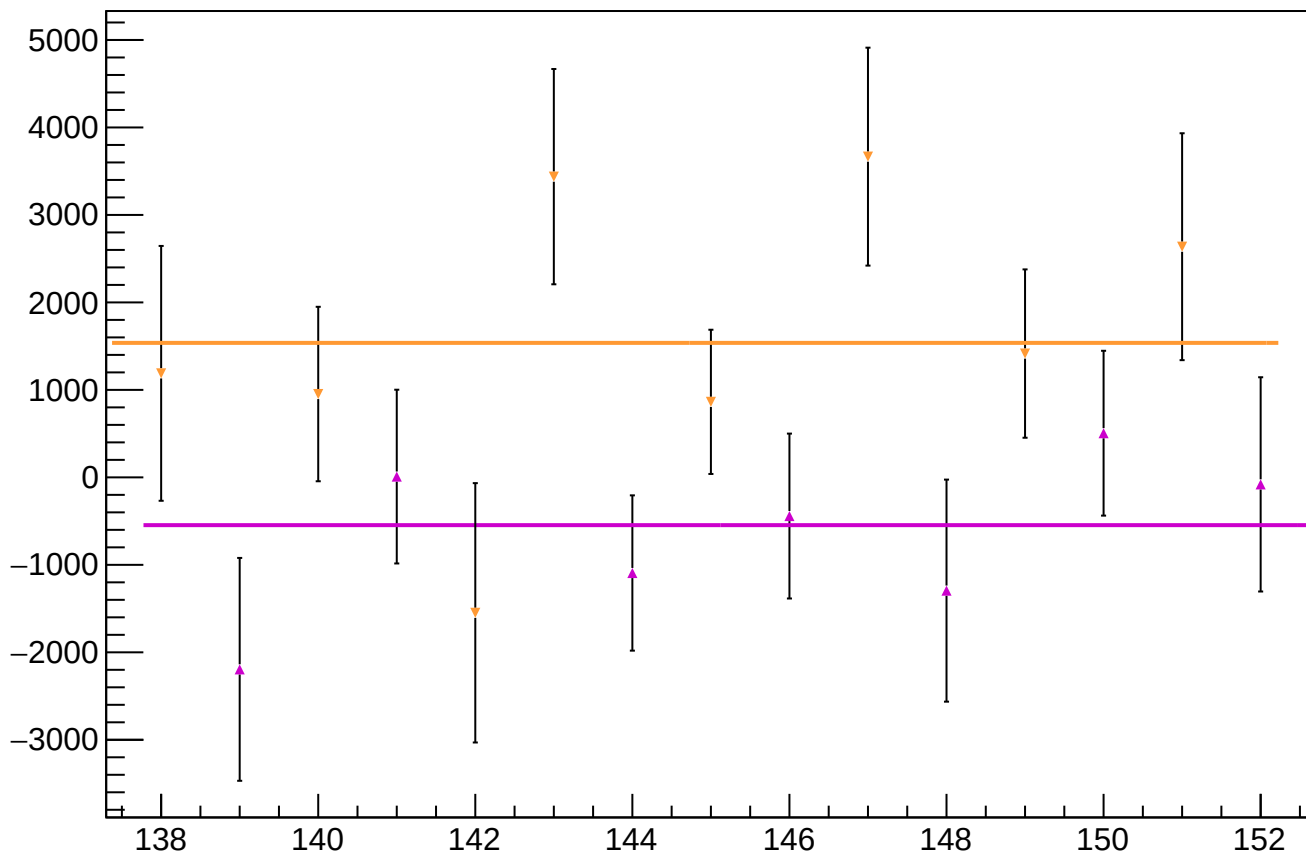
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 943.489+/-0.280 χ^2/NDF : 204956.1/6

Out: 937.981+/-0.282 χ^2/NDF : 353146.1/7

All: 940.750+/-0.199 χ^2/NDF : 558294.0/14

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1537.415+/-395.802 χ^2/NDF : 11.4/7

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: 491.026+/-279.260 χ^2/NDF : 29.5/14

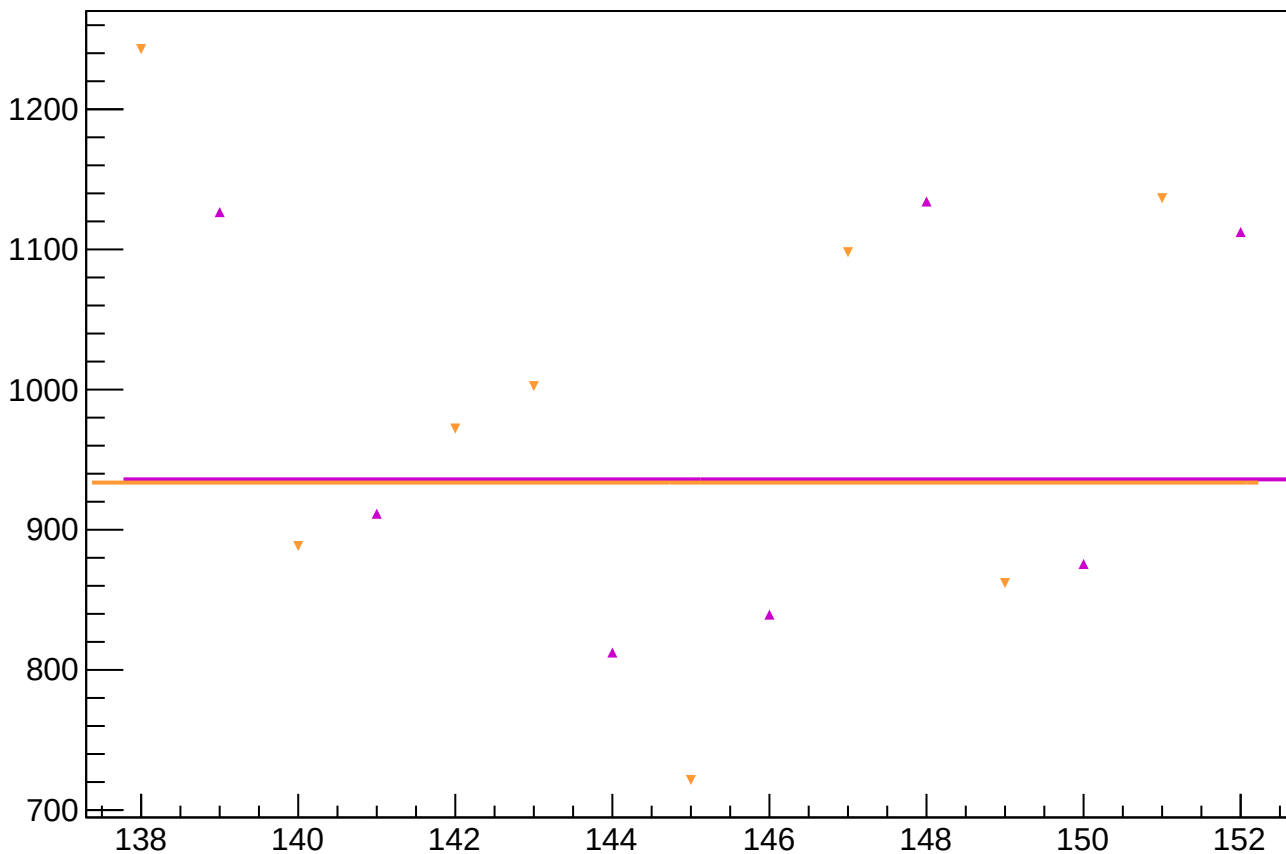
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -546.226+/-394.071 χ^2/NDF : 4.1/6

Out: 1537.415+/-395.802 χ^2/NDF : 11.4/7

All: 491.026+/-279.260 χ^2/NDF : 29.5/14

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 933.667+/-0.280 χ^2/NDF : 329296.7/7

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: 934.814+/-0.197 χ^2/NDF : 533598.1/14

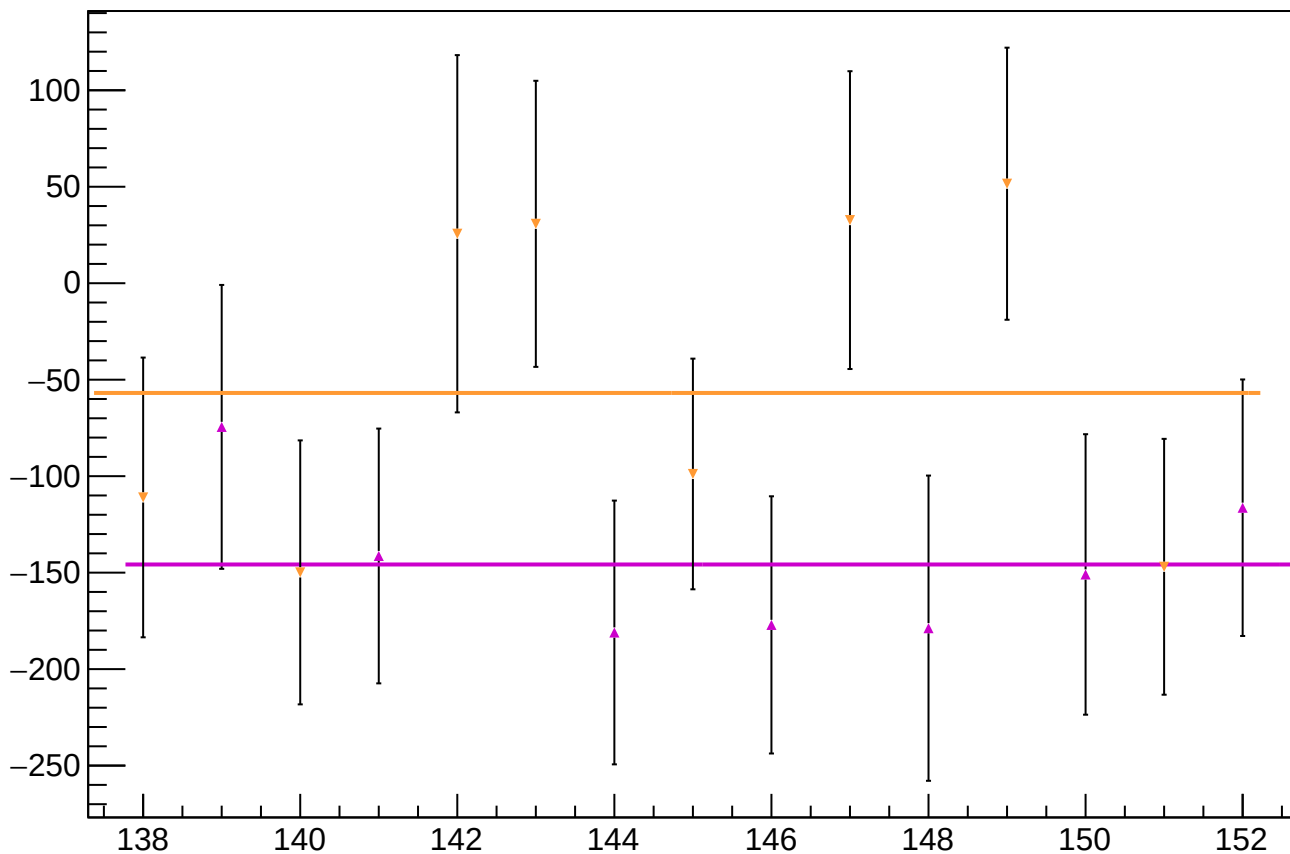
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 935.951+/-0.279 χ^2/NDF : 204267.9/6

Out: 933.667+/-0.280 χ^2/NDF : 329296.7/7

All: 934.814+/-0.197 χ^2/NDF : 533598.1/14

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: -56.871+/-25.165 χ^2/NDF :10.7/7

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: -99.100+/-18.234 χ^2/NDF : 18.4/14

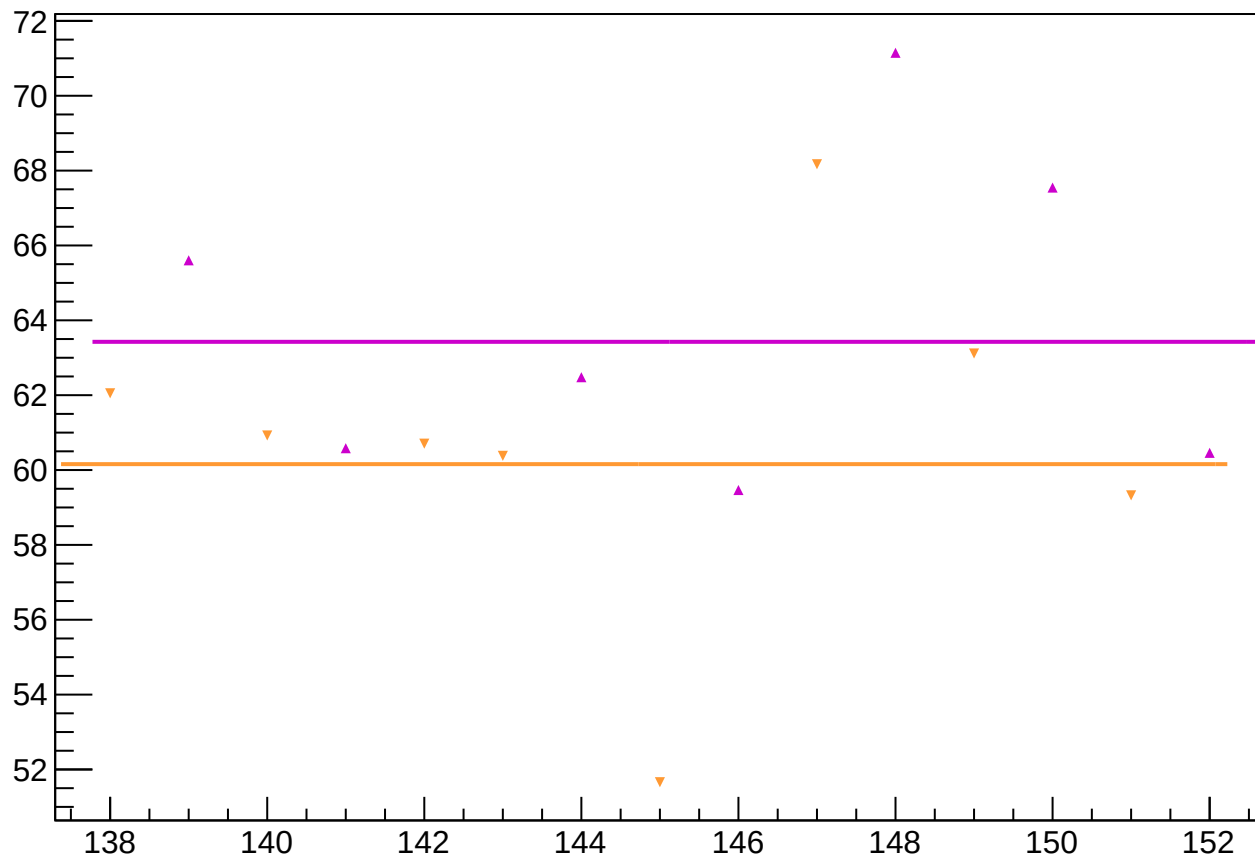
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -145.771+/-26.456 χ^2/NDF :1.8/6

Out: -56.871+/-25.165 χ^2/NDF :10.7/7

All: -99.100+/-18.234 χ^2/NDF : 18.4/14

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: 60.158+/-0.018 χ^2/NDF : 67515.5/7

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: 61.710+/-0.013 χ^2/NDF : 125917.0/14

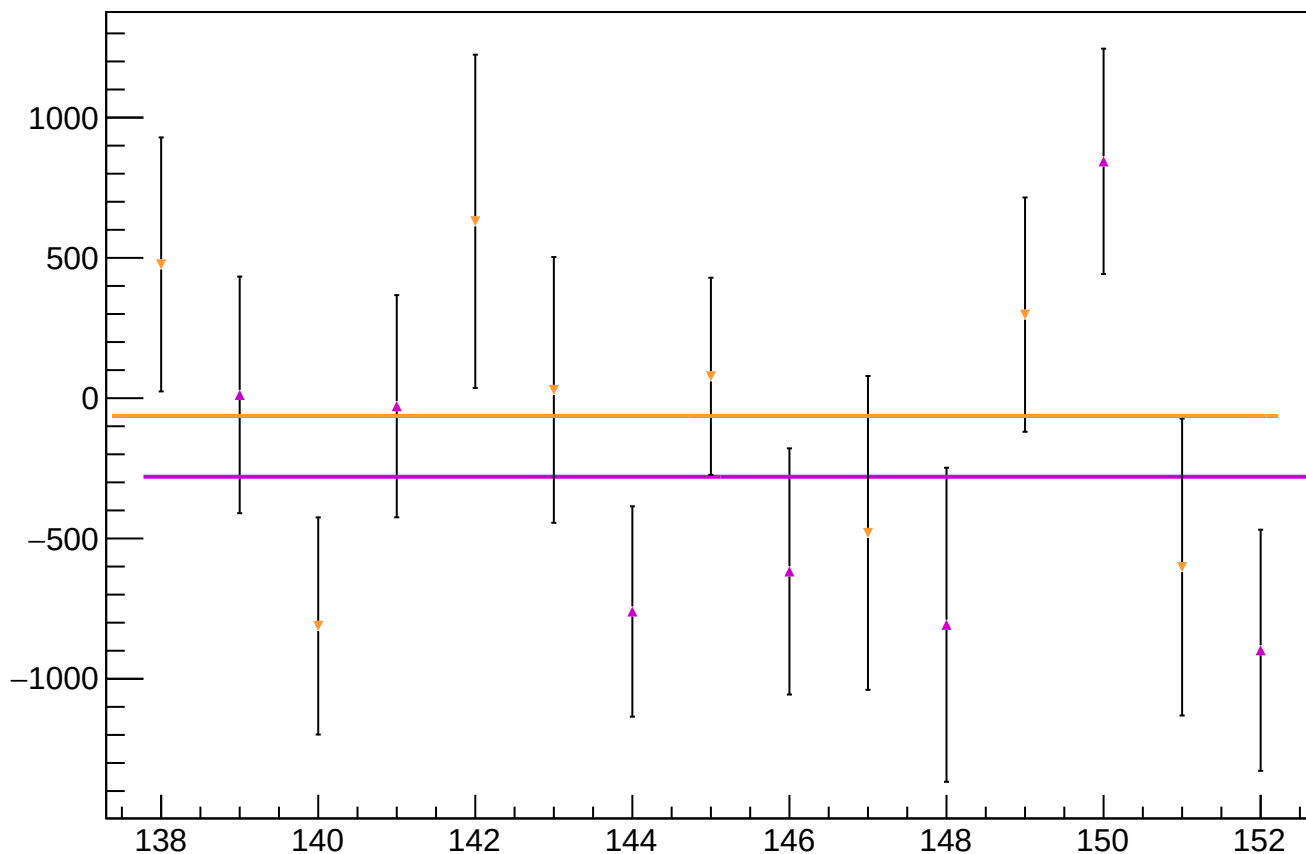
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.426+/-0.019 χ^2/NDF : 42378.8/6

Out: 60.158+/-0.018 χ^2/NDF : 67515.5/7

All: 61.710+/-0.013 χ^2/NDF : 125917.0/14

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: -63.826+/-159.175 χ^2/NDF :9.1/7

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: -171.360+/-112.793 χ^2/NDF : 23.9/14

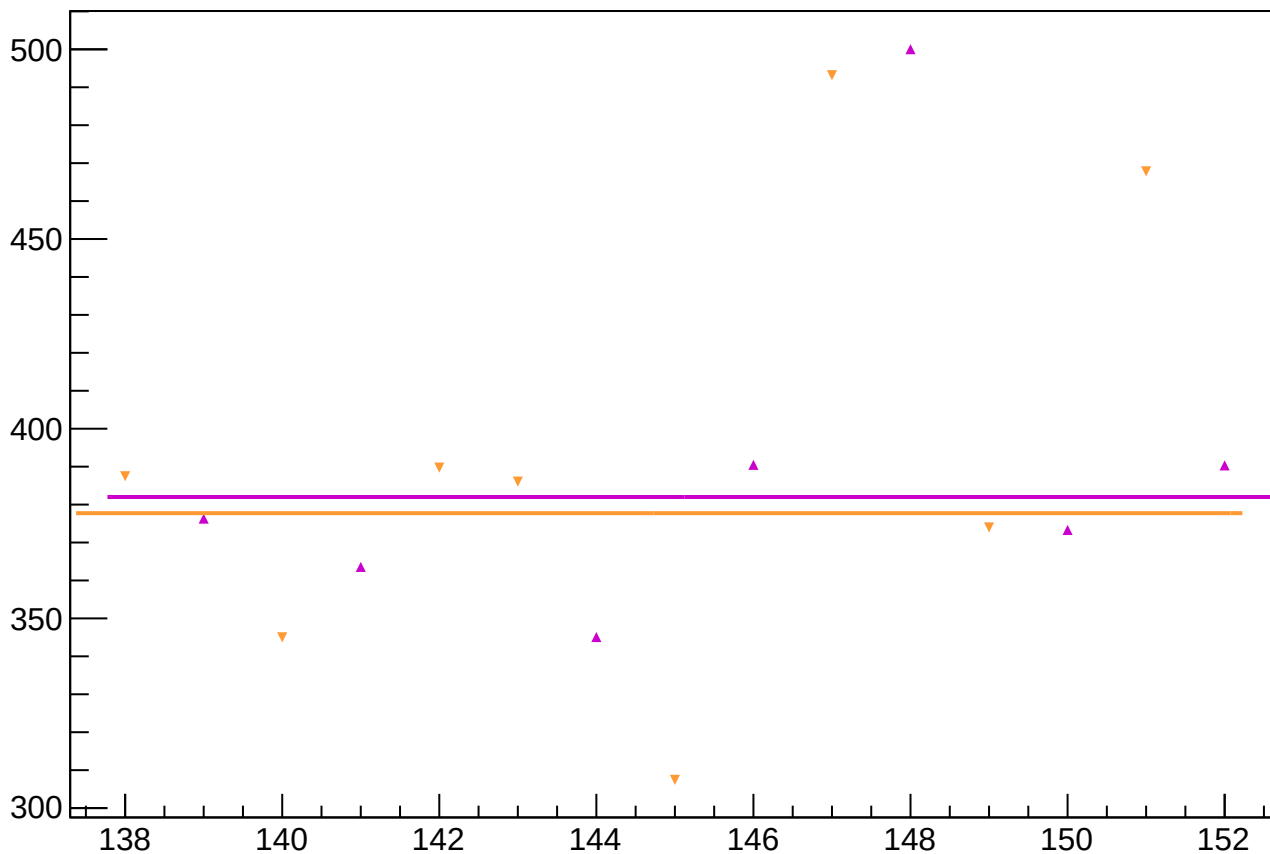
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -279.814+/-159.855 χ^2/NDF :13.9/6

Out: -63.826+/-159.175 χ^2/NDF :9.1/7

All: -171.360+/-112.793 χ^2/NDF : 23.9/14

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: 377.737+/-0.113 χ^2/NDF :240151.7/7

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: 379.860+/-0.080 χ^2/NDF : 356376.8/14

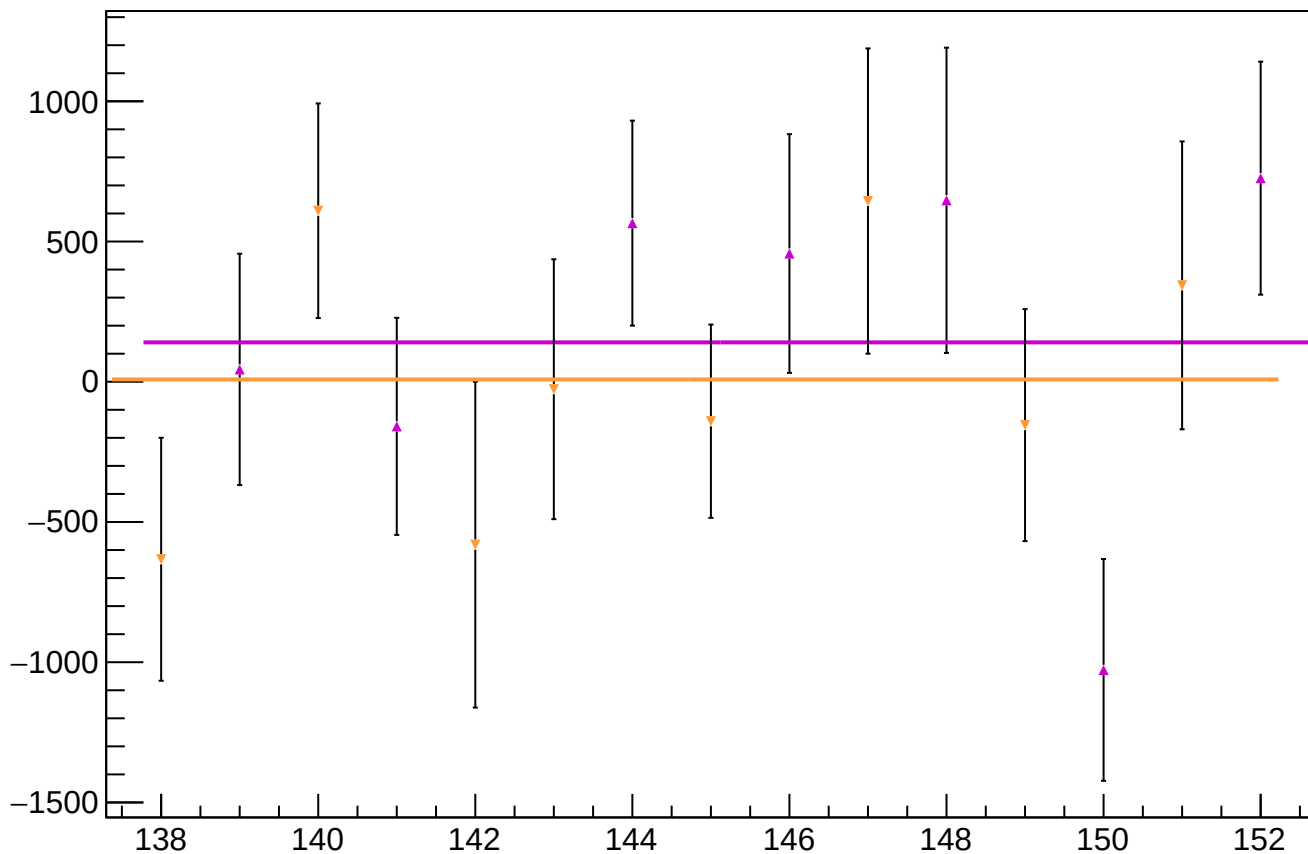
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 382.001+/-0.113 χ^2/NDF :115510.5/6

Out: 377.737+/-0.113 χ^2/NDF :240151.7/7

All: 379.860+/-0.080 χ^2/NDF : 356376.8/14

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 8.194 $\pm$ 155.764 χ^2 /NDF:7.8/7

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

Left In: 140.430 $\pm$ 155.917 χ^2 /NDF:14.1/6

Left: 74.248 $\pm$ 110.196 χ^2 /NDF: 22.3/14

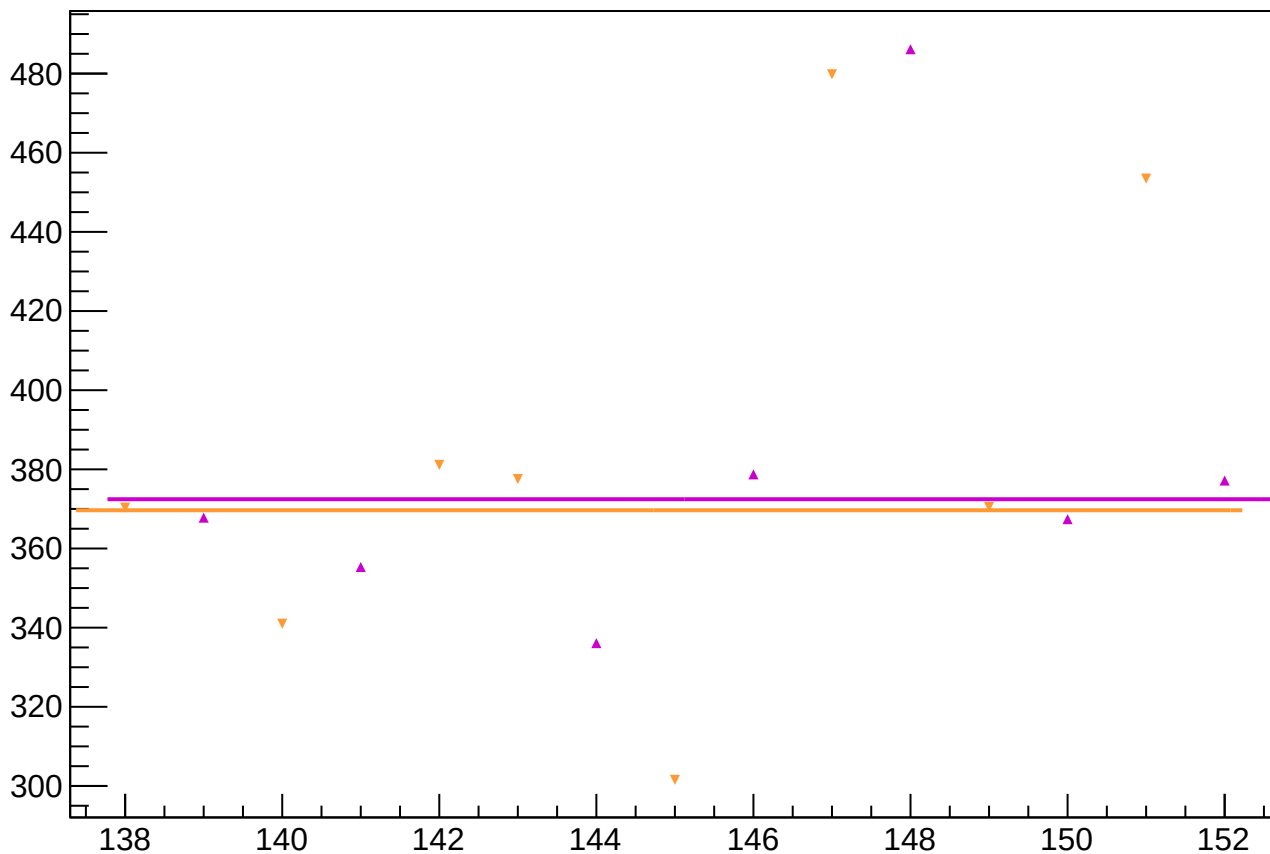
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 140.430 $\pm$ 155.917 χ^2 /NDF:14.1/6

Out: 8.194 $\pm$ 155.764 χ^2 /NDF:7.8/7

All: 74.248 $\pm$ 110.196 χ^2 /NDF: 22.3/14

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 369.662+/-0.110 χ^2/NDF :225916.4/7

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: 371.054+/-0.078 χ^2/NDF : 338547.6/14

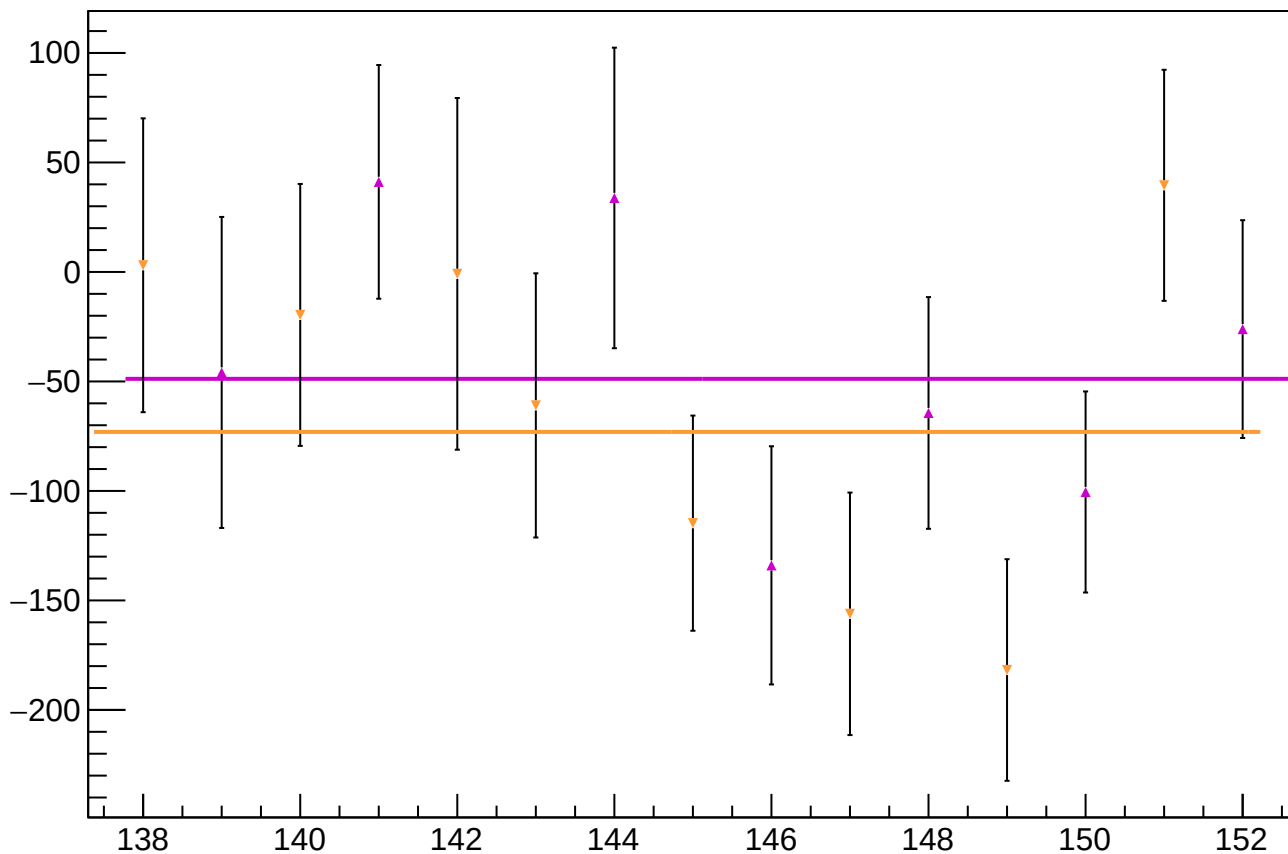
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.449+/-0.110 χ^2/NDF :112311.4/6

Out: 369.662+/-0.110 χ^2/NDF :225916.4/7

All: 371.054+/-0.078 χ^2/NDF : 338547.6/14

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -73.051 $\pm$ 20.320 χ^2 /NDF:15.1/7

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

Left In: -48.810 $\pm$ 20.690 χ^2 /NDF:8.3/6

Left: -61.149 $\pm$ 14.497 χ^2 /NDF: 24.1/14

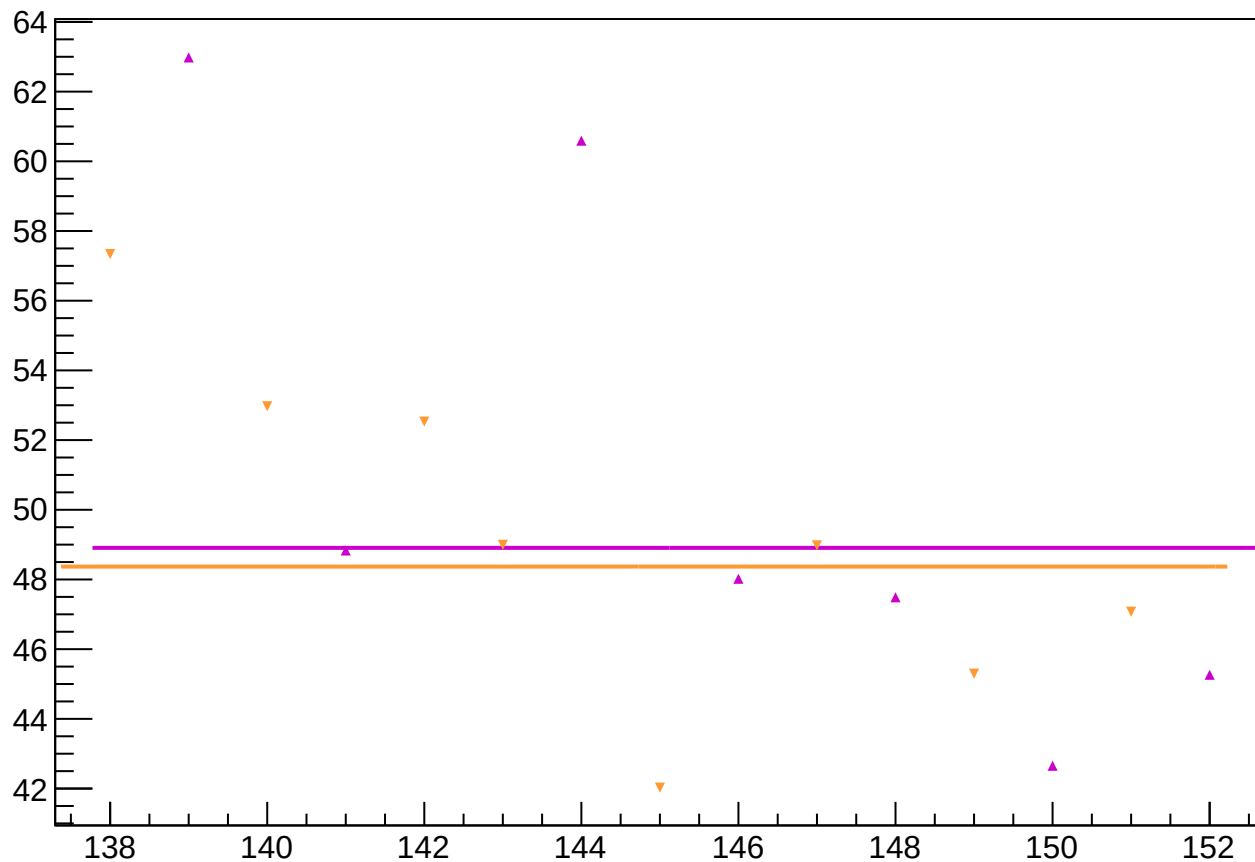
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -48.810 $\pm$ 20.690 χ^2 /NDF:8.3/6

Out: -73.051 $\pm$ 20.320 χ^2 /NDF:15.1/7

All: -61.149 $\pm$ 14.497 χ^2 /NDF: 24.1/14

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: 48.370+/-0.014 χ^2/NDF :95297.7/7

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: 48.634+/-0.010 χ^2/NDF : 282324.2/14

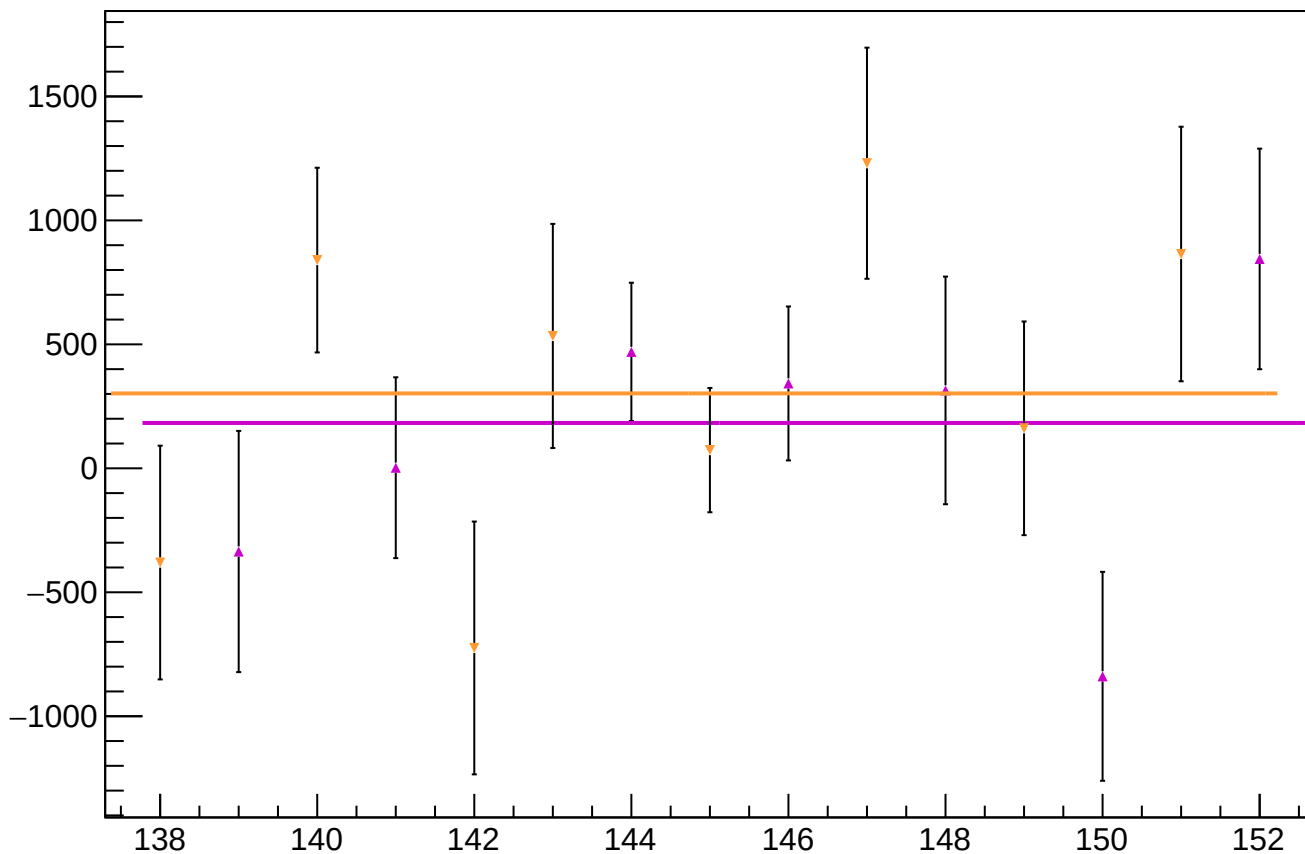
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.907+/-0.015 χ^2/NDF :186340.2/6

Out: 48.370+/-0.014 χ^2/NDF :95297.7/7

All: 48.634+/-0.010 χ^2/NDF : 282324.2/14

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: 302.136+/-141.223 χ^2/NDF :14.6/7

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: 242.401+/-99.728 χ^2/NDF : 25.8/14

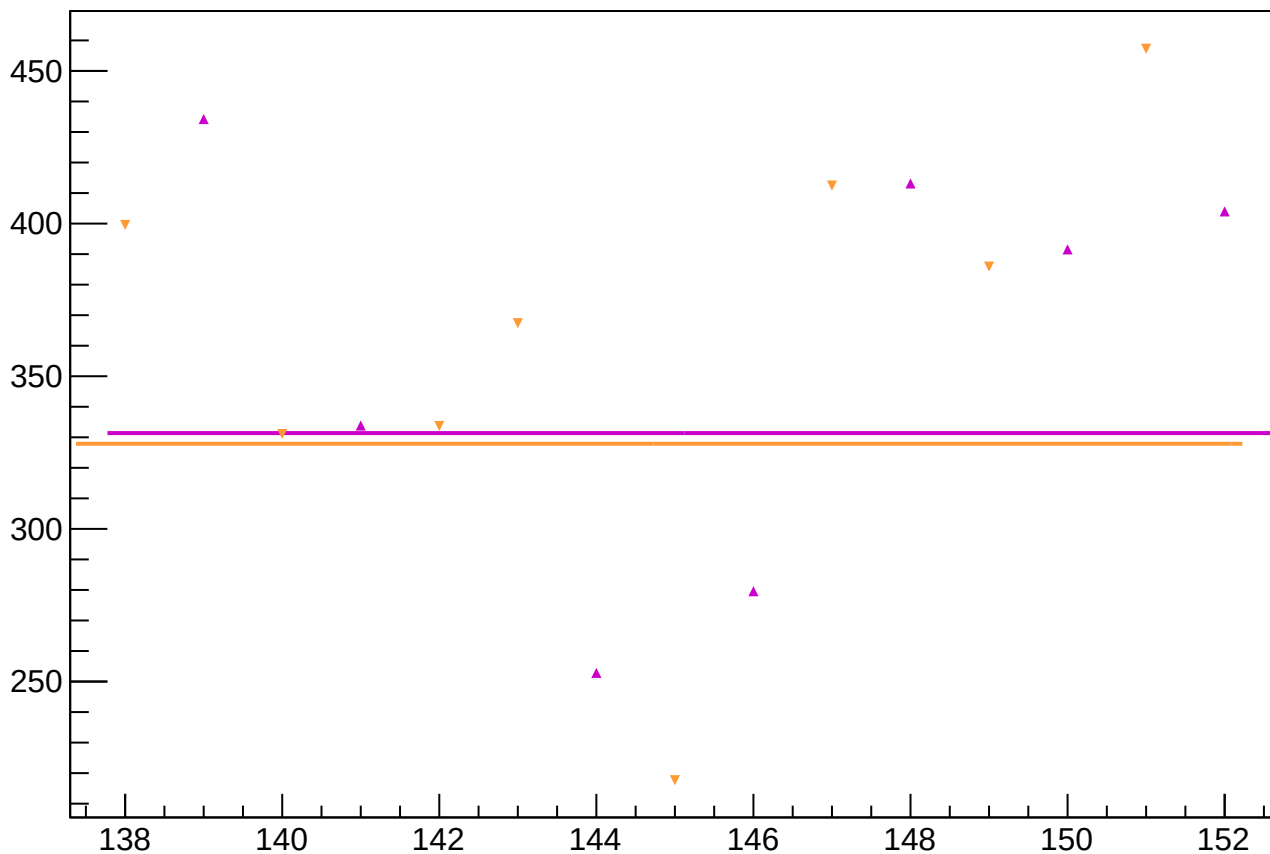
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 182.982+/-140.850 χ^2/NDF :10.9/6

Out: 302.136+/-141.223 χ^2/NDF :14.6/7

All: 242.401+/-99.728 χ^2/NDF : 25.8/14

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: 327.883+/-0.100 χ^2/NDF : 677601.5/7

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: 329.636+/-0.071 χ^2/NDF : 1139488.2/14

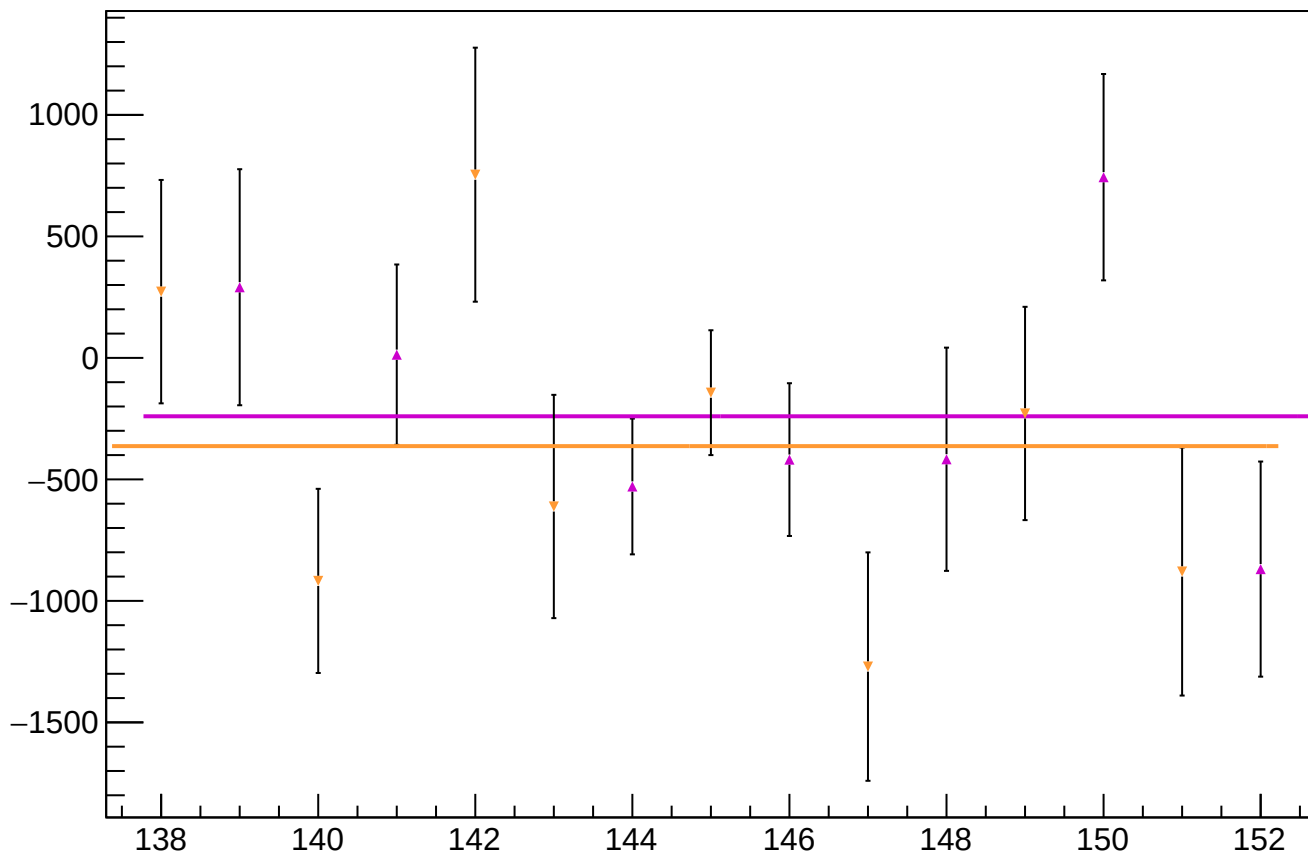
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.380+/-0.100 χ^2/NDF : 461271.8/6

Out: 327.883+/-0.100 χ^2/NDF : 677601.5/7

All: 329.636+/-0.071 χ^2/NDF : 1139488.2/14

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -363.098 $\pm$ 143.140 χ^2 /NDF:14.5/7

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

Left In: -240.318 $\pm$ 141.682 χ^2 /NDF:10.6/6

Left: -301.079 $\pm$ 100.696 χ^2 /NDF: 25.5/14

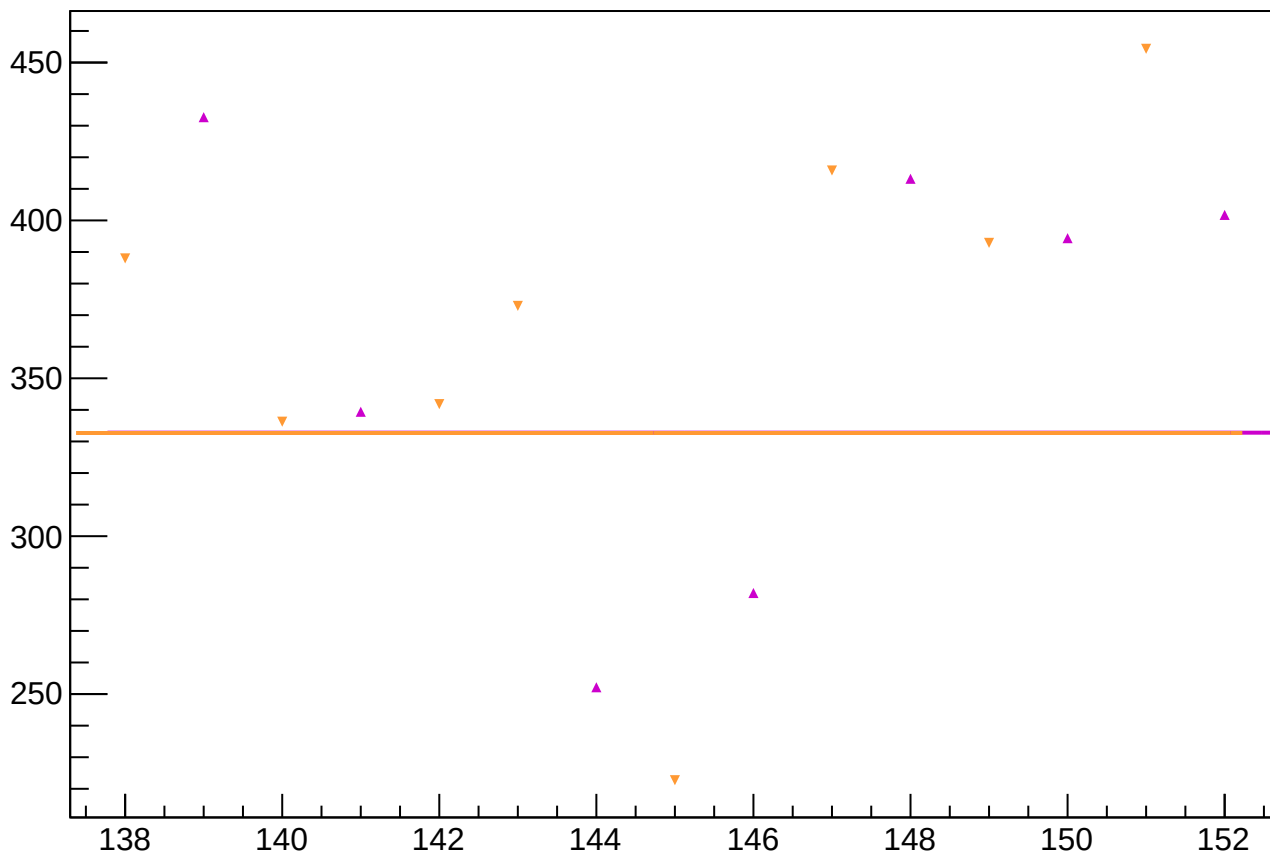
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -240.318 $\pm$ 141.682 χ^2 /NDF:10.6/6

Out: -363.098 $\pm$ 143.140 χ^2 /NDF:14.5/7

All: -301.079 $\pm$ 100.696 χ^2 /NDF: 25.5/14

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 332.680+/-0.101 χ^2/NDF : 625466.4/7

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: 332.731+/-0.071 χ^2/NDF : 1081350.6/14

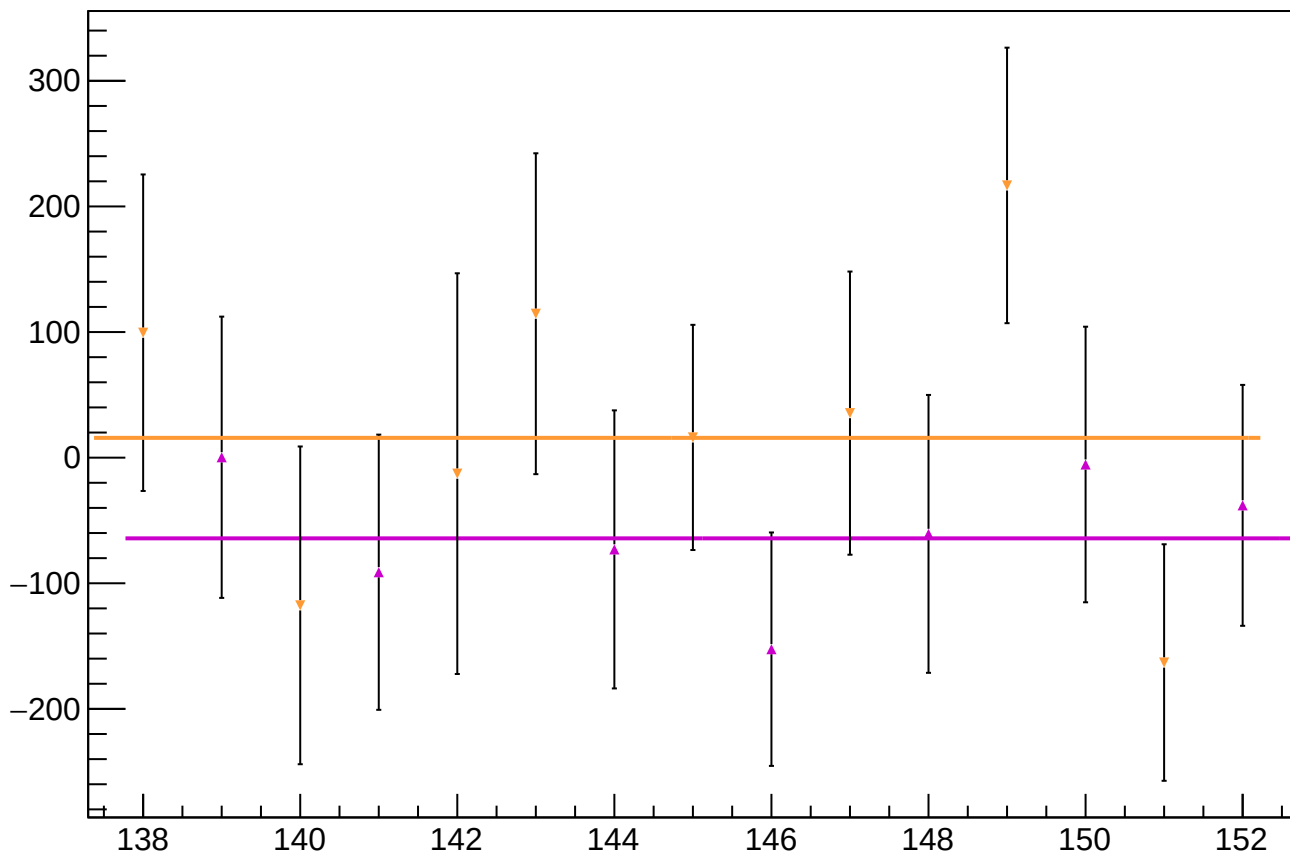
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 332.780+/-0.100 χ^2/NDF : 455883.8/6

Out: 332.680+/-0.101 χ^2/NDF : 625466.4/7

All: 332.731+/-0.071 χ^2/NDF : 1081350.6/14

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: 15.763+/-39.992 χ^2/NDF : 9.2/7

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: -24.520+/-28.179 χ^2/NDF : 12.9/14

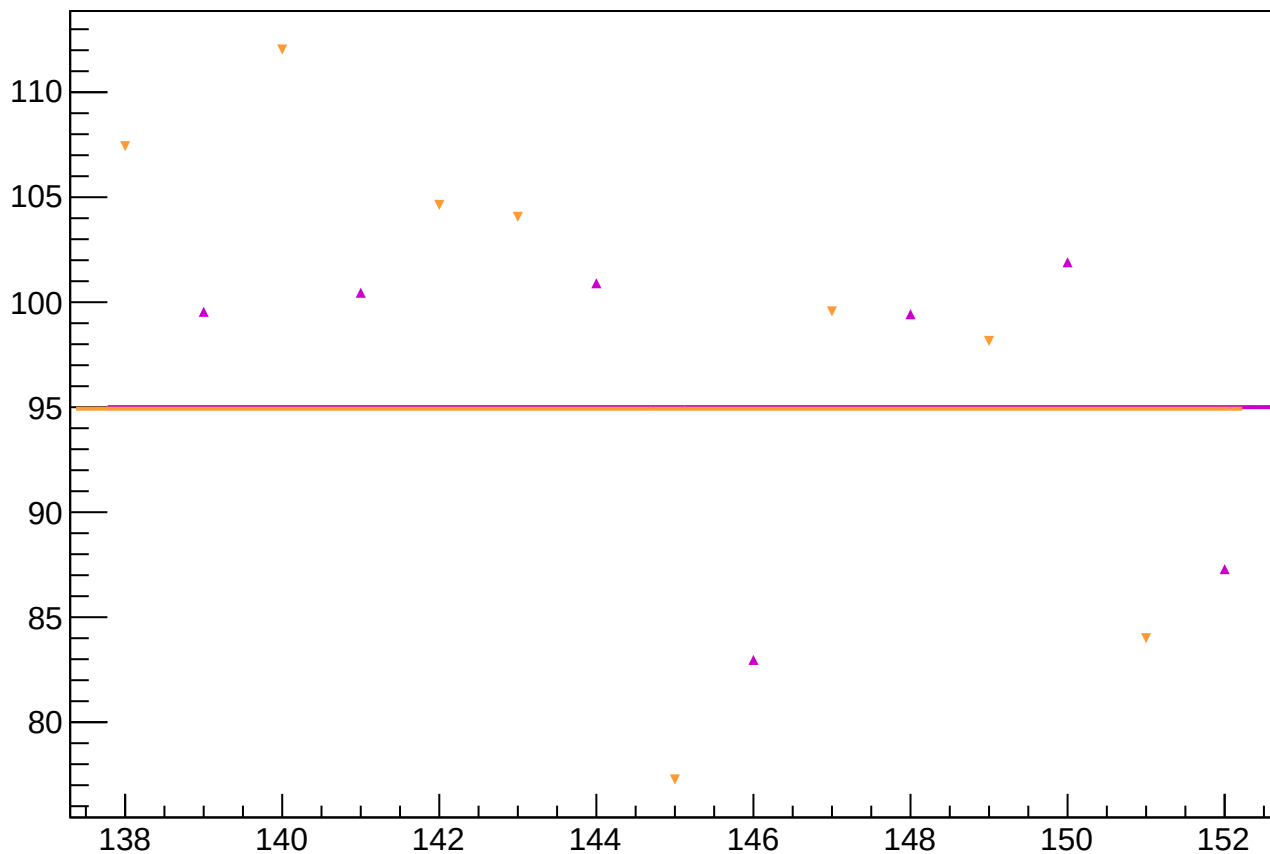
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.241+/-39.712 χ^2/NDF : 1.7/6

Out: 15.763+/-39.992 χ^2/NDF : 9.2/7

All: -24.520+/-28.179 χ^2/NDF : 12.9/14

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: 94.931+/-0.028 χ^2/NDF :183555.8/7

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: 94.968+/-0.020 χ^2/NDF : 255085.3/14

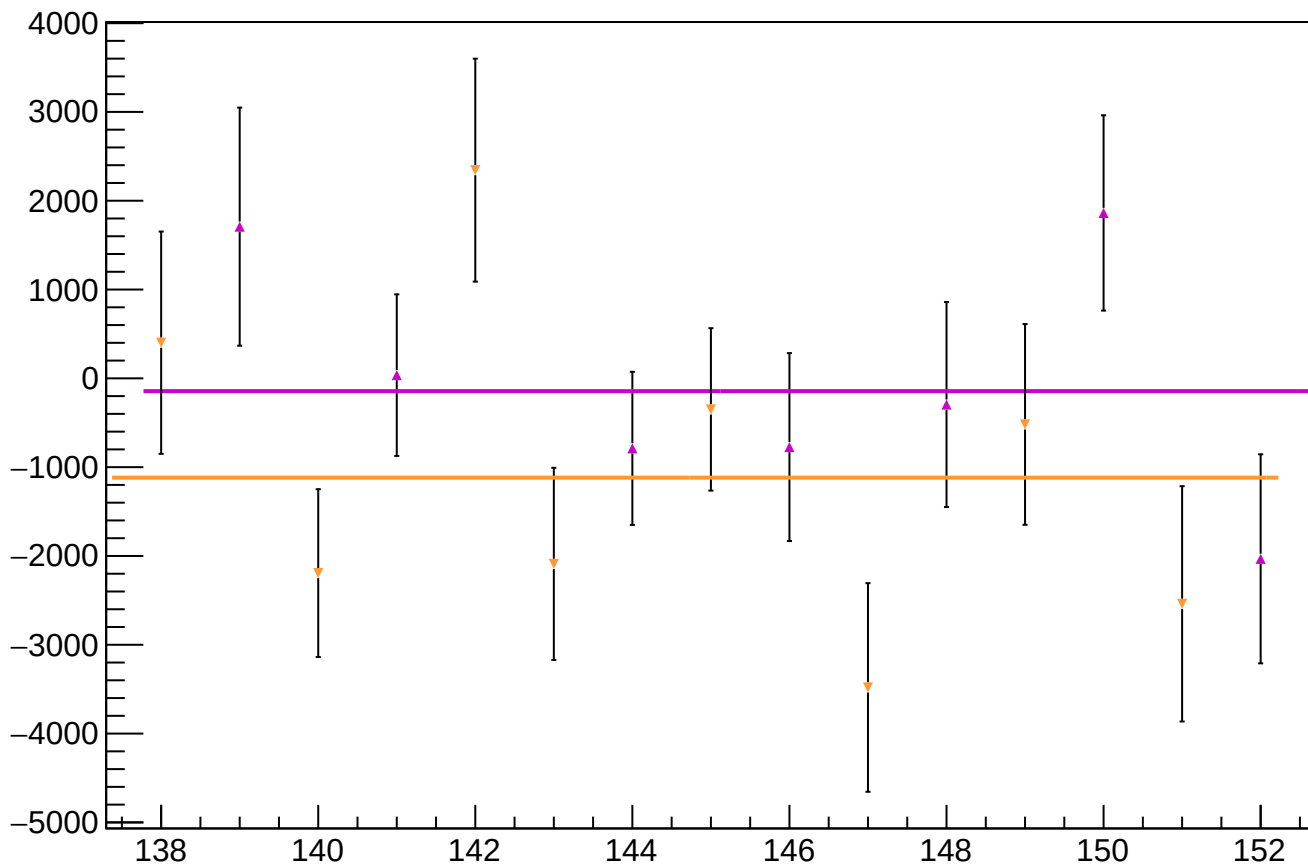
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.004+/-0.028 χ^2/NDF :71526.1/6

Out: 94.931+/-0.028 χ^2/NDF :183555.8/7

All: 94.968+/-0.020 χ^2/NDF : 255085.3/14

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: -1118.019+/-391.598 χ^2/NDF :17.4/7

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: -639.217+/-279.235 χ^2/NDF : 29.2/14

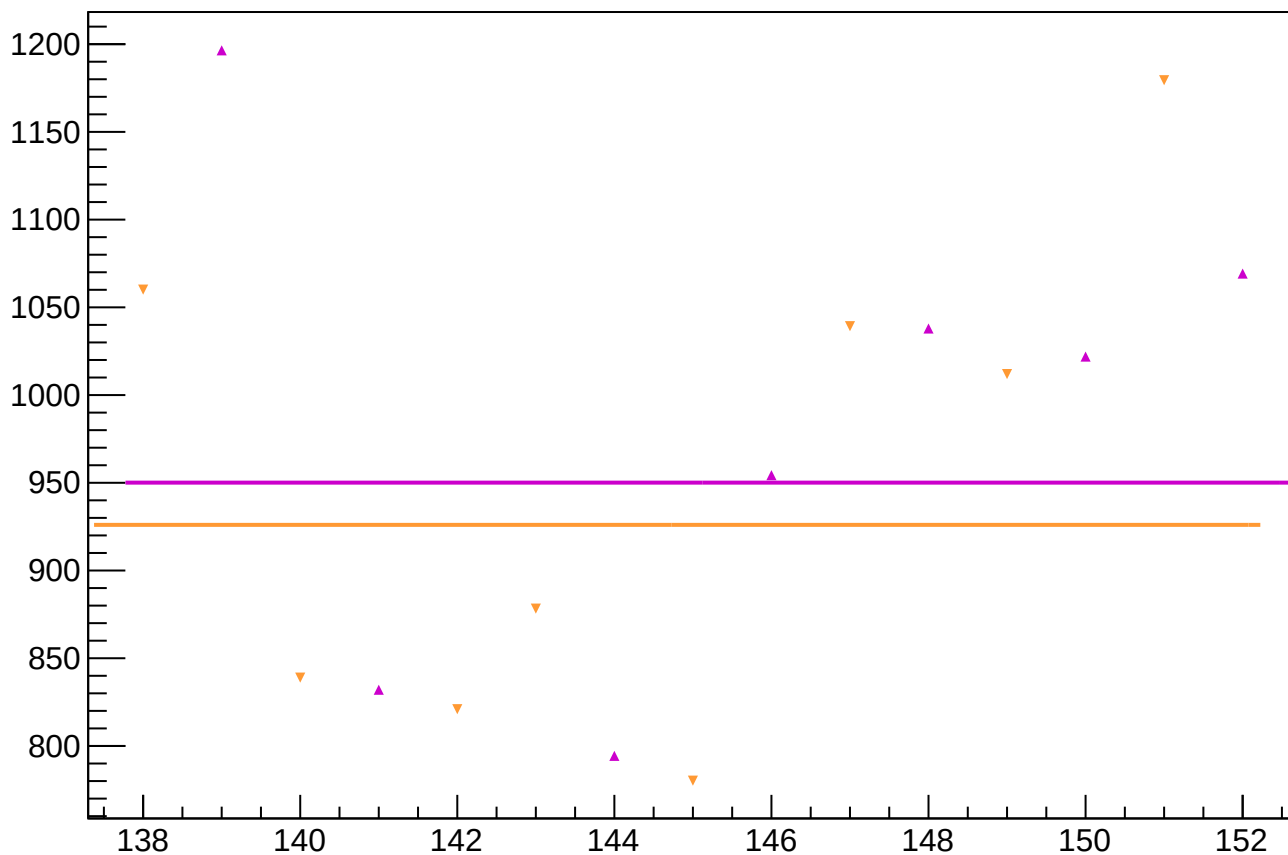
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -143.924+/-398.284 χ^2/NDF :8.8/6

Out: -1118.019+/-391.598 χ^2/NDF :17.4/7

All: -639.217+/-279.235 χ^2/NDF : 29.2/14

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: 926.023+/-0.277 χ^2/NDF :212031.8/7

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: 937.855+/-0.197 χ^2/NDF : 422923.2/14

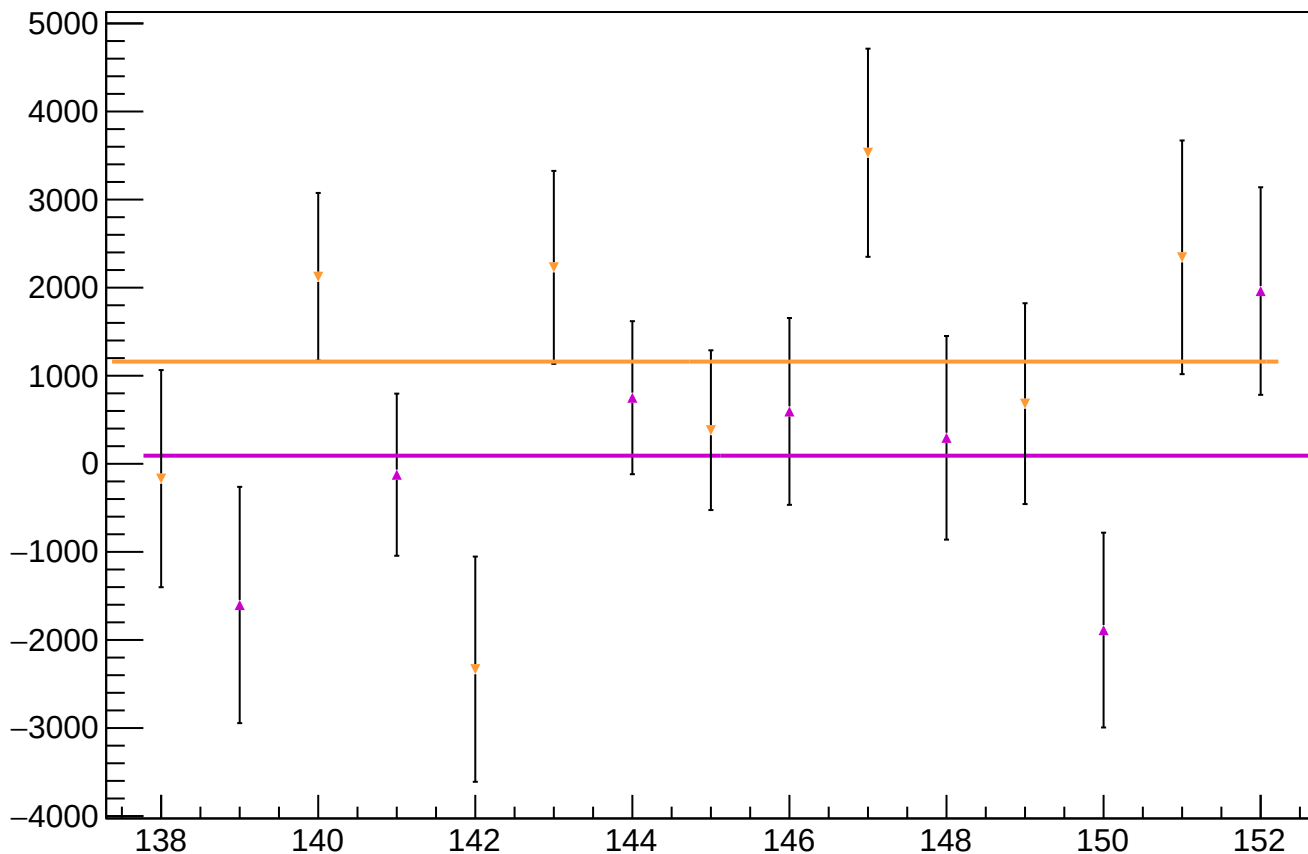
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 950.094+/-0.282 χ^2/NDF :207176.9/6

Out: 926.023+/-0.277 χ^2/NDF :212031.8/7

All: 937.855+/-0.197 χ^2/NDF : 422923.2/14

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1160.546+/-392.940 χ^2/NDF :16.3/7

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: 636.558+/-280.465 χ^2/NDF : 28.2/14

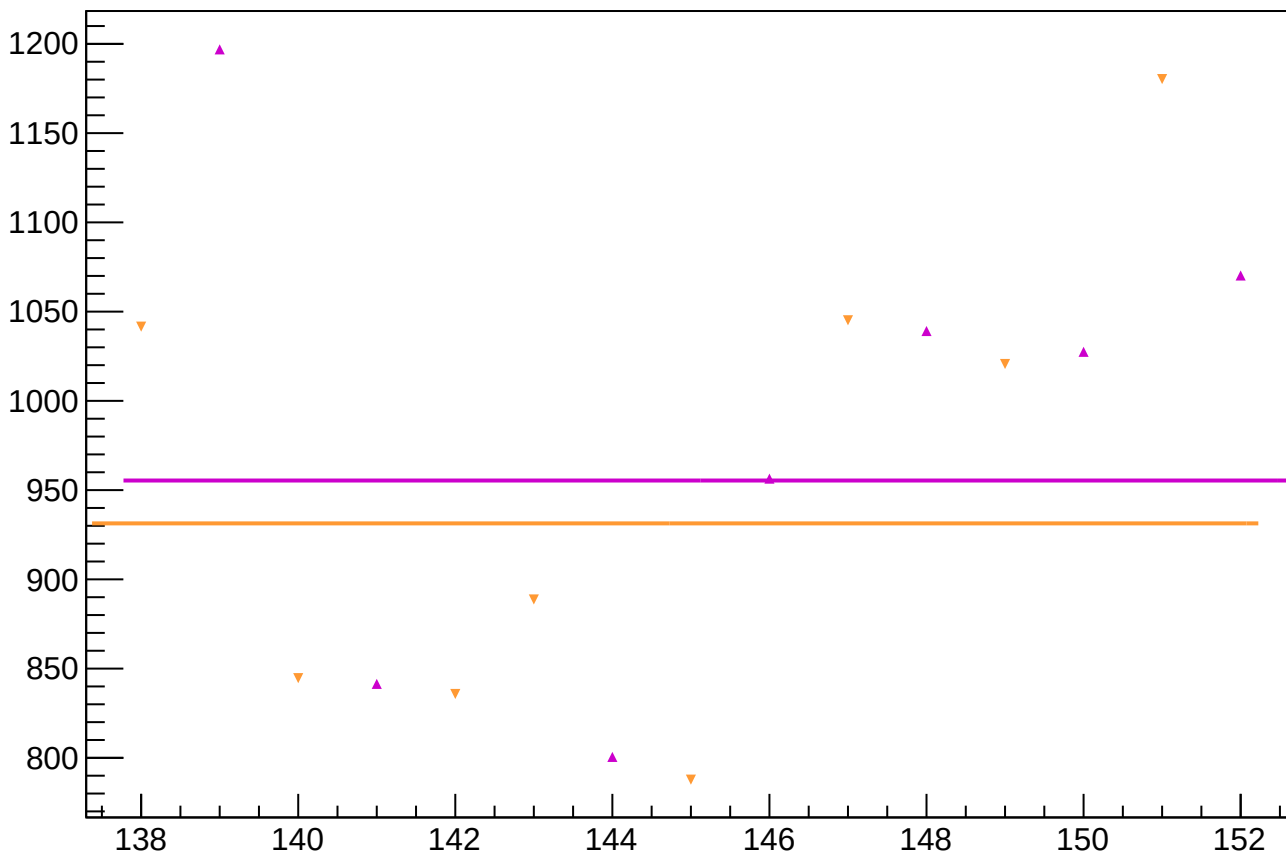
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.370+/-400.442 χ^2/NDF :8.2/6

Out: 1160.546+/-392.940 χ^2/NDF :16.3/7

All: 636.558+/-280.465 χ^2/NDF : 28.2/14

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 931.358+/-0.278 χ^2/NDF :198170.6/7

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: 943.139+/-0.198 χ^2/NDF : 398873.3/14

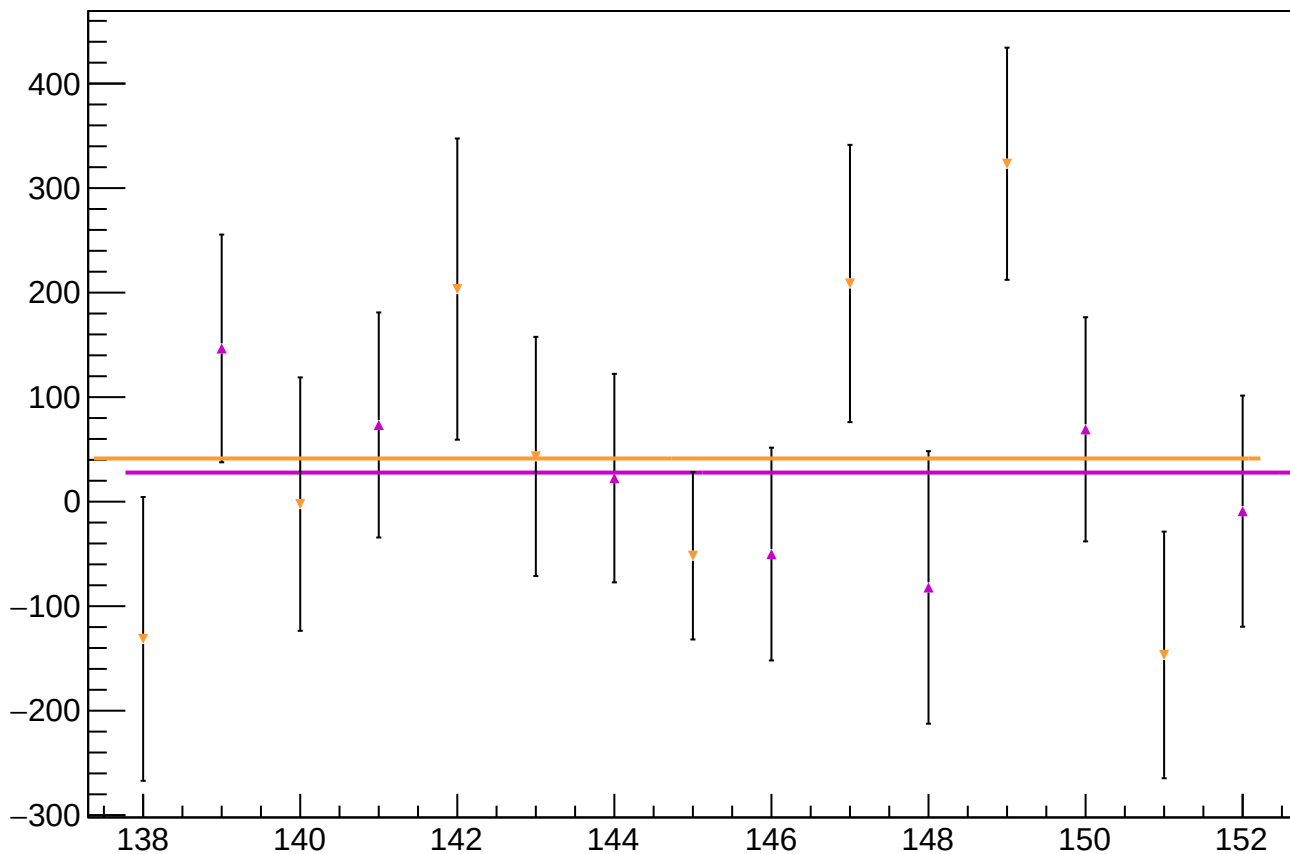
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 955.375+/-0.283 χ^2/NDF :197037.5/6

Out: 931.358+/-0.278 χ^2/NDF :198170.6/7

All: 943.139+/-0.198 χ^2/NDF : 398873.3/14

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: 41.324 $\pm$ 40.411 χ^2 /NDF:14.9/7

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: 34.670 $\pm$ 28.778 χ^2 /NDF: 17.9/14

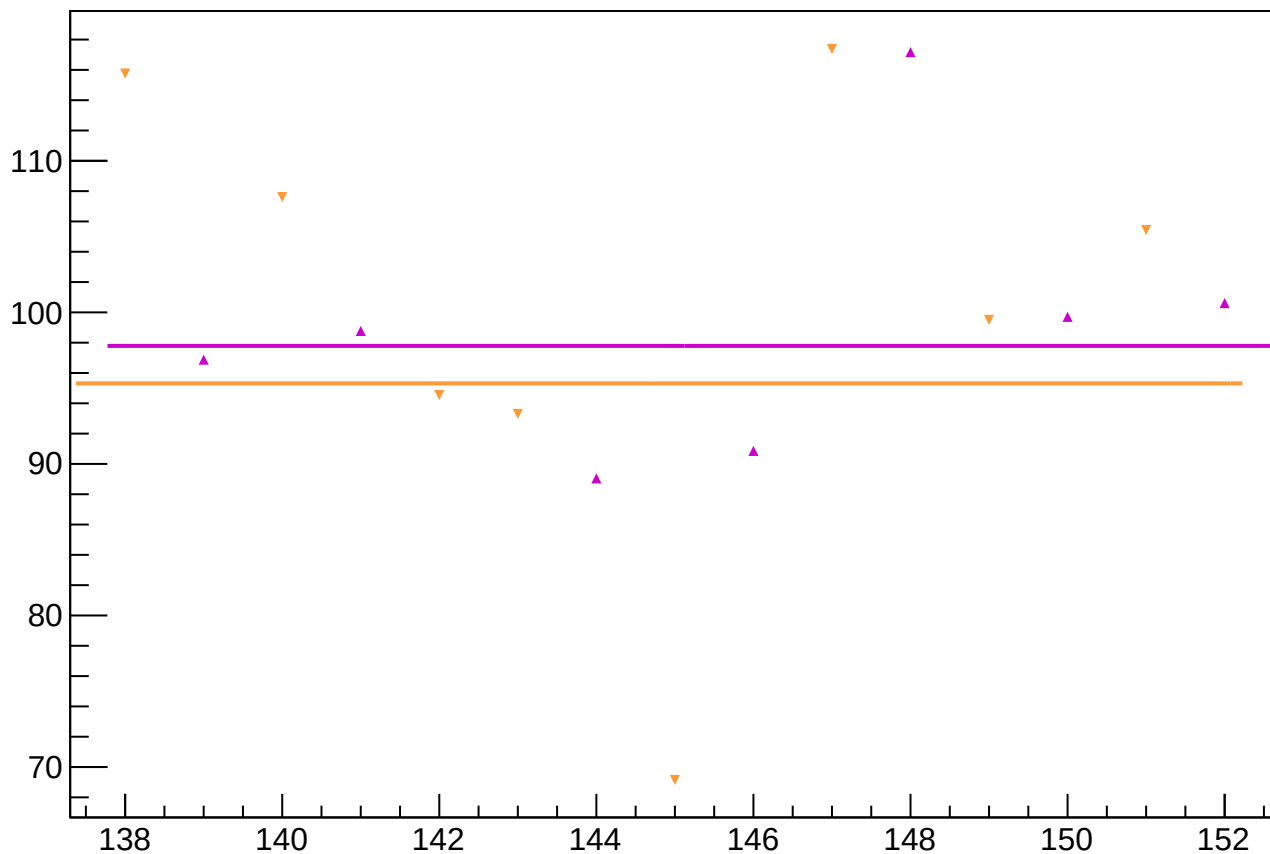
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.822 $\pm$ 40.991 χ^2 /NDF:2.9/6

Out: 41.324 $\pm$ 40.411 χ^2 /NDF:14.9/7

All: 34.670 $\pm$ 28.778 χ^2 /NDF: 17.9/14

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: 95.314+/-0.029 χ^2/NDF :352746.6/7

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: 96.533+/-0.020 χ^2/NDF : 427535.8/14

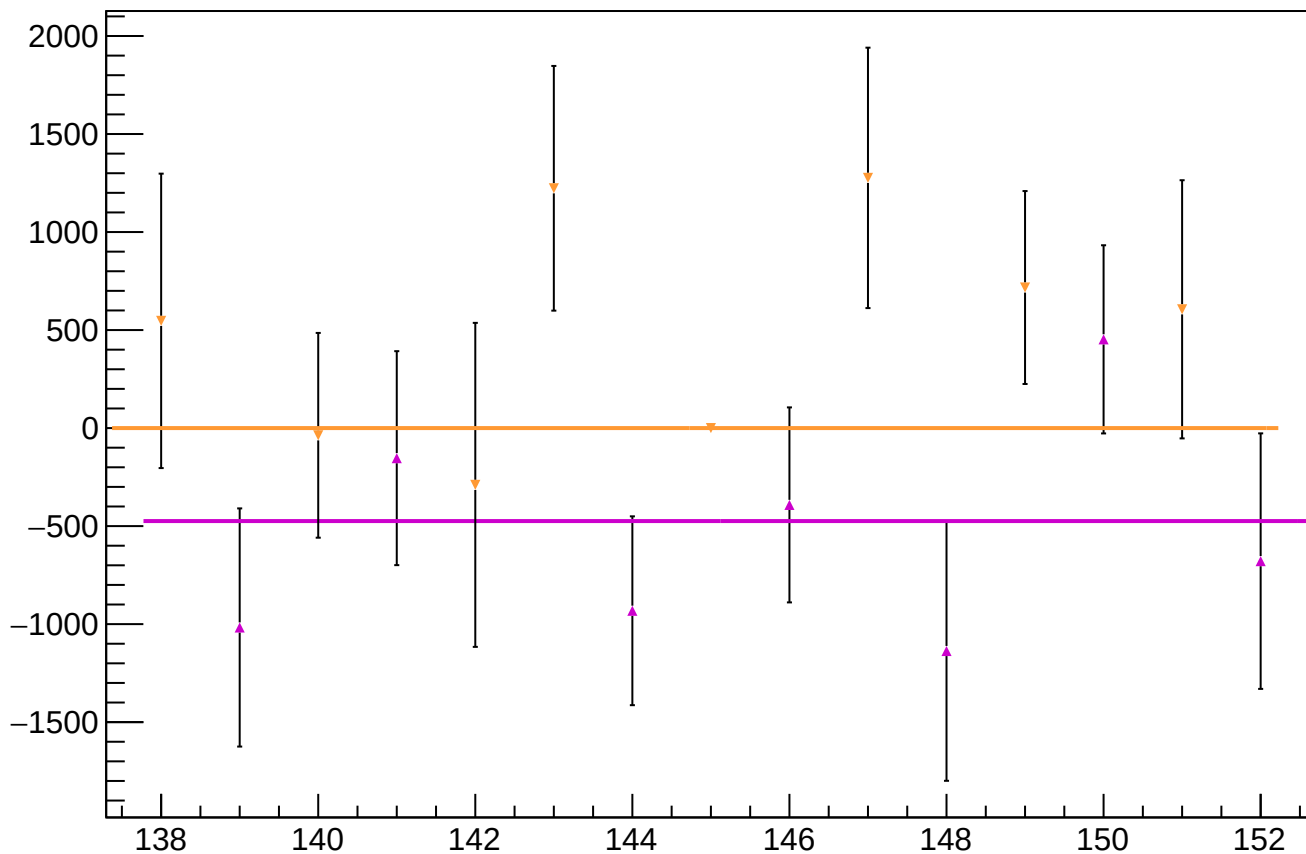
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 97.787+/-0.029 χ^2/NDF :71096.4/6

Out: 95.314+/-0.029 χ^2/NDF :352746.6/7

All: 96.533+/-0.020 χ^2/NDF : 427535.8/14

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 : 11.2/7

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 : 23.3/14

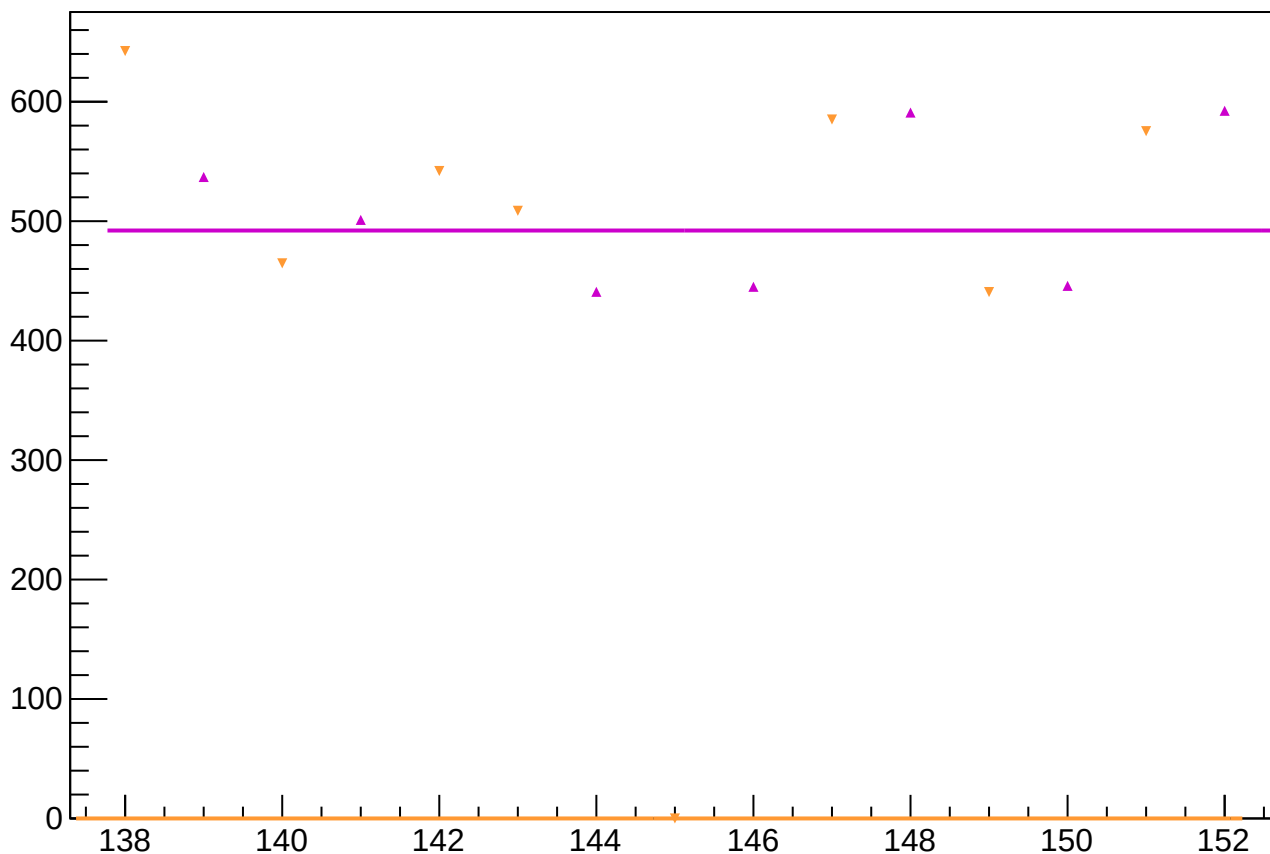
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -474.339+/-206.736 χ^2/NDF : 6.9/6

Out: -0.000+/-0.000 χ^2/NDF : 11.2/7

All: -0.000+/-0.000 χ^2/NDF : 23.3/14

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 : 9919552.6/7

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 : 21418016.4/14

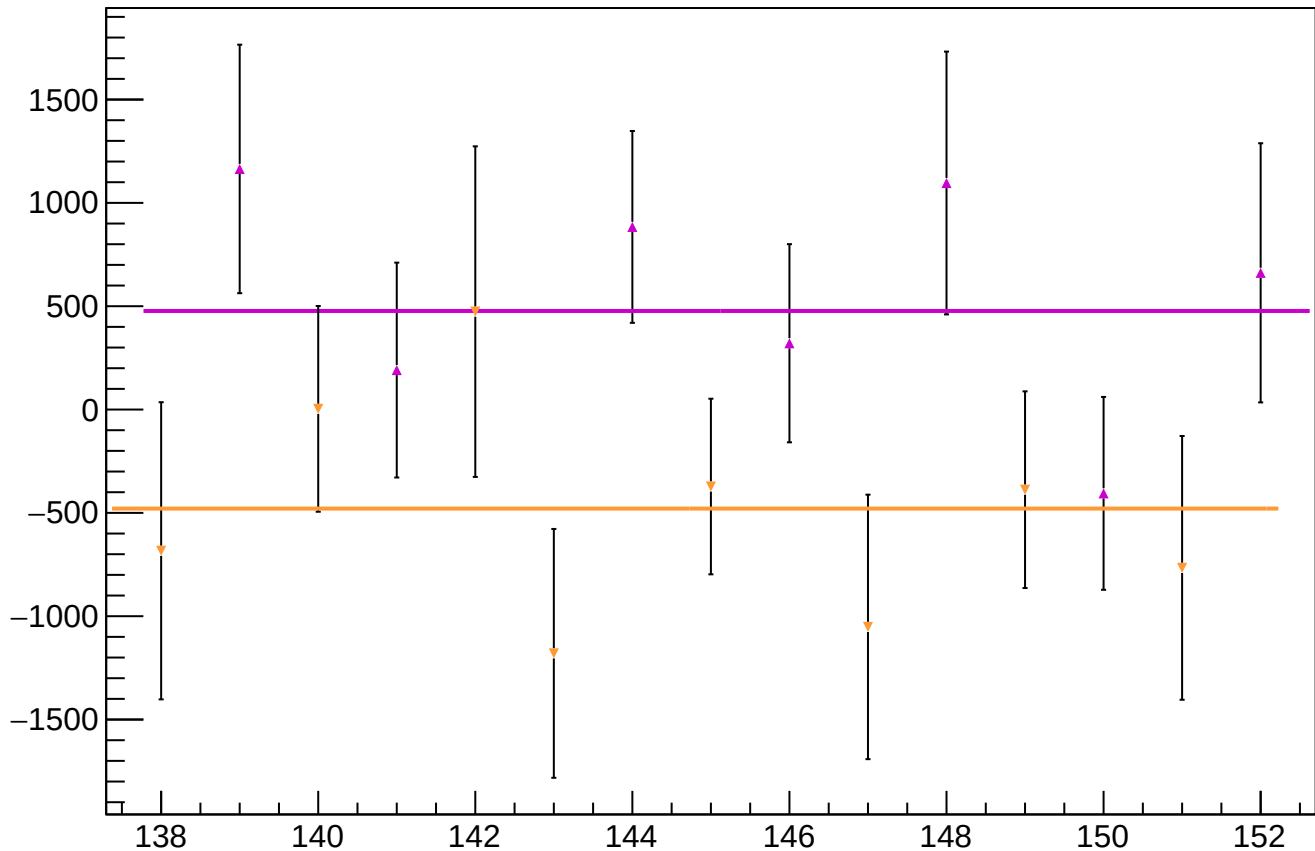
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 492.188+/-0.146 χ^2/NDF : 162479.2/6

Out: 0.000+/-0.000 χ^2/NDF : 9919552.6/7

All: 0.000+/-0.000 χ^2/NDF : 21418016.4/14

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -479.175+/-199.419 χ^2/NDF : 4.9/7

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: -1.860+/-141.121 χ^2/NDF : 23.5/14

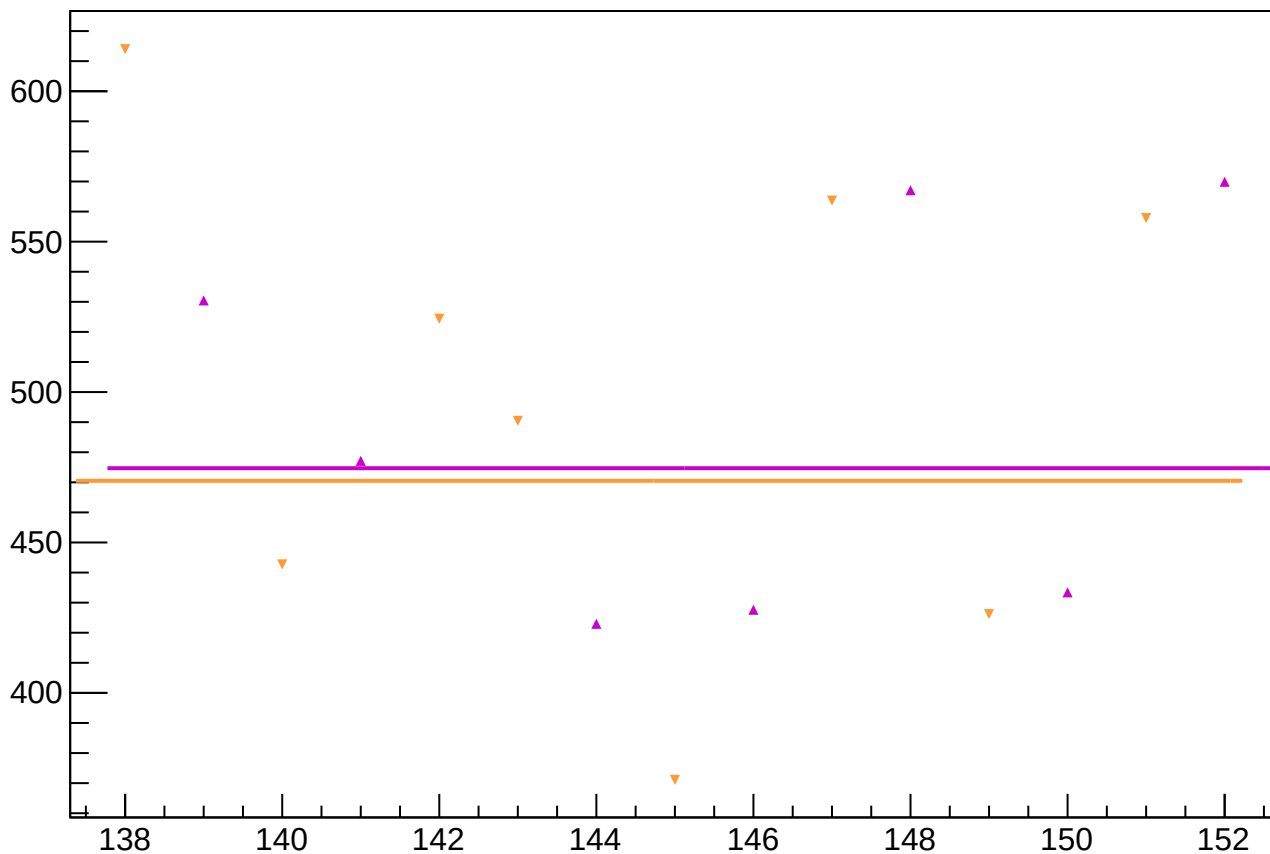
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.950+/-199.731 χ^2/NDF : 7.1/6

Out: -479.175+/-199.419 χ^2/NDF : 4.9/7

All: -1.860+/-141.121 χ^2/NDF : 23.5/14

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 470.499+/-0.141 χ^2/NDF :303804.8/7

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: 472.591+/-0.100 χ^2/NDF : 469589.6/14

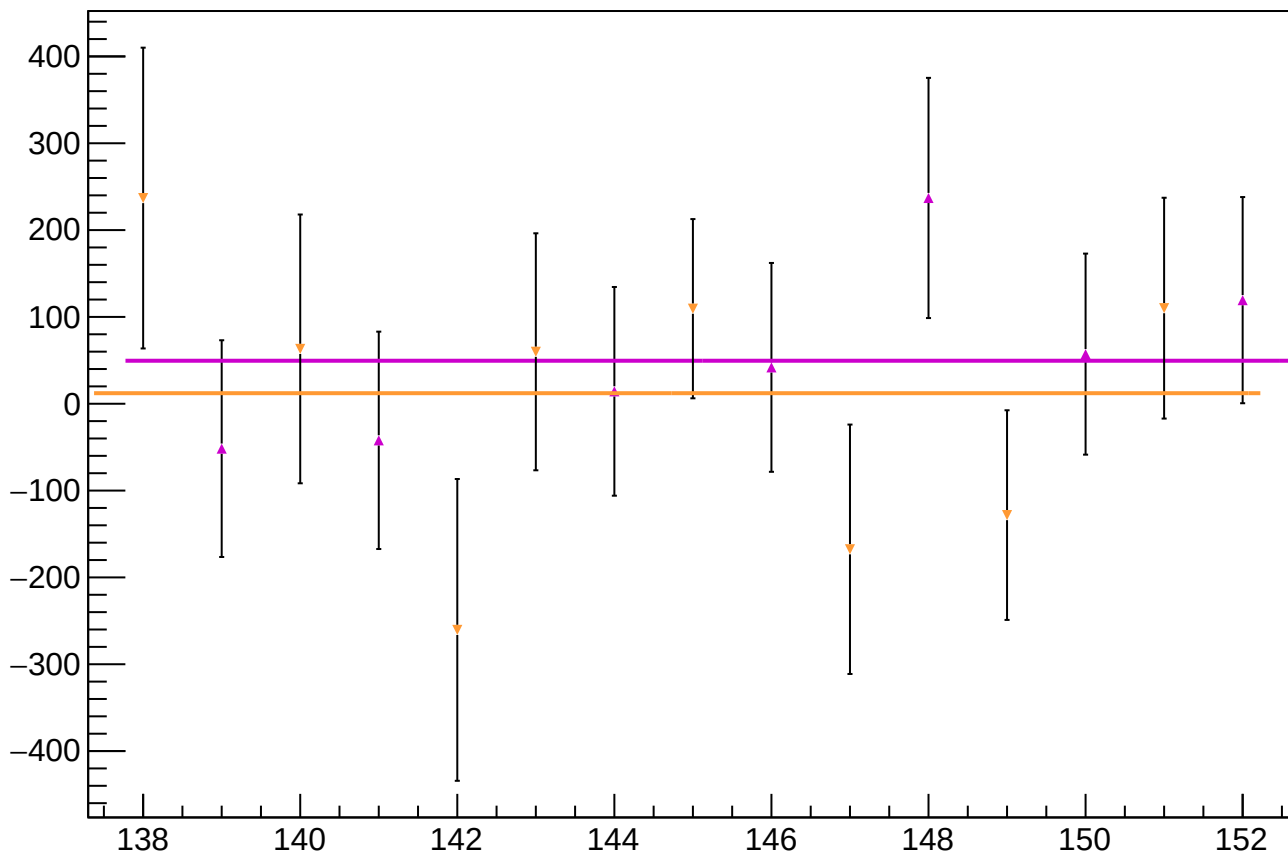
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.689+/-0.141 χ^2/NDF :165344.0/6

Out: 470.499+/-0.141 χ^2/NDF :303804.8/7

All: 472.591+/-0.100 χ^2/NDF : 469589.6/14

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 12.156 $\pm$ 47.963 χ^2 /NDF:8.8/7

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

Left In: 49.534 $\pm$ 46.413 χ^2 /NDF:3.5/6

Left: 31.459 $\pm$ 33.354 χ^2 /NDF: 12.6/14

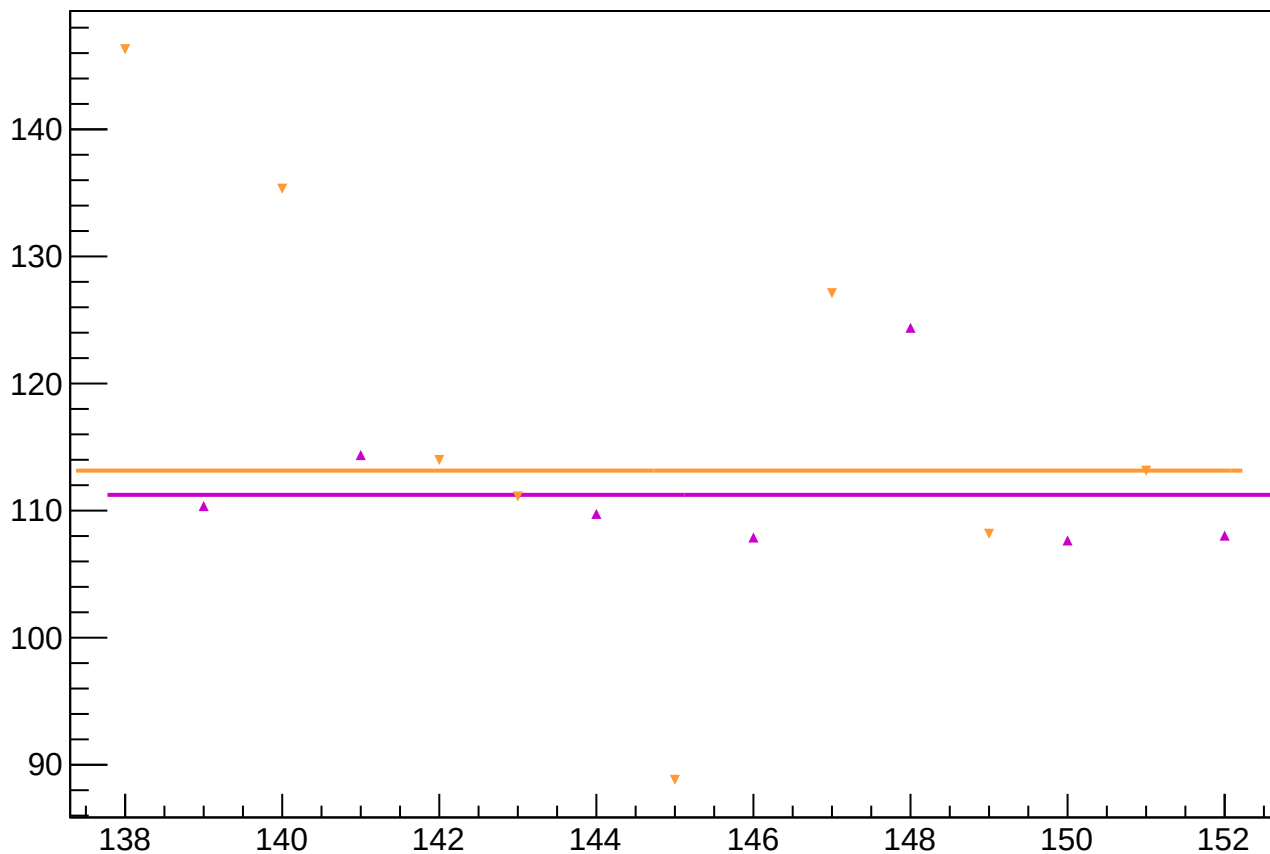
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 49.534 $\pm$ 46.413 χ^2 /NDF:3.5/6

Out: 12.156 $\pm$ 47.963 χ^2 /NDF:8.8/7

All: 31.459 $\pm$ 33.354 χ^2 /NDF: 12.6/14

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 113.148+/-0.034 χ^2/NDF :248323.8/7

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: 112.163+/-0.024 χ^2/NDF : 274629.6/14

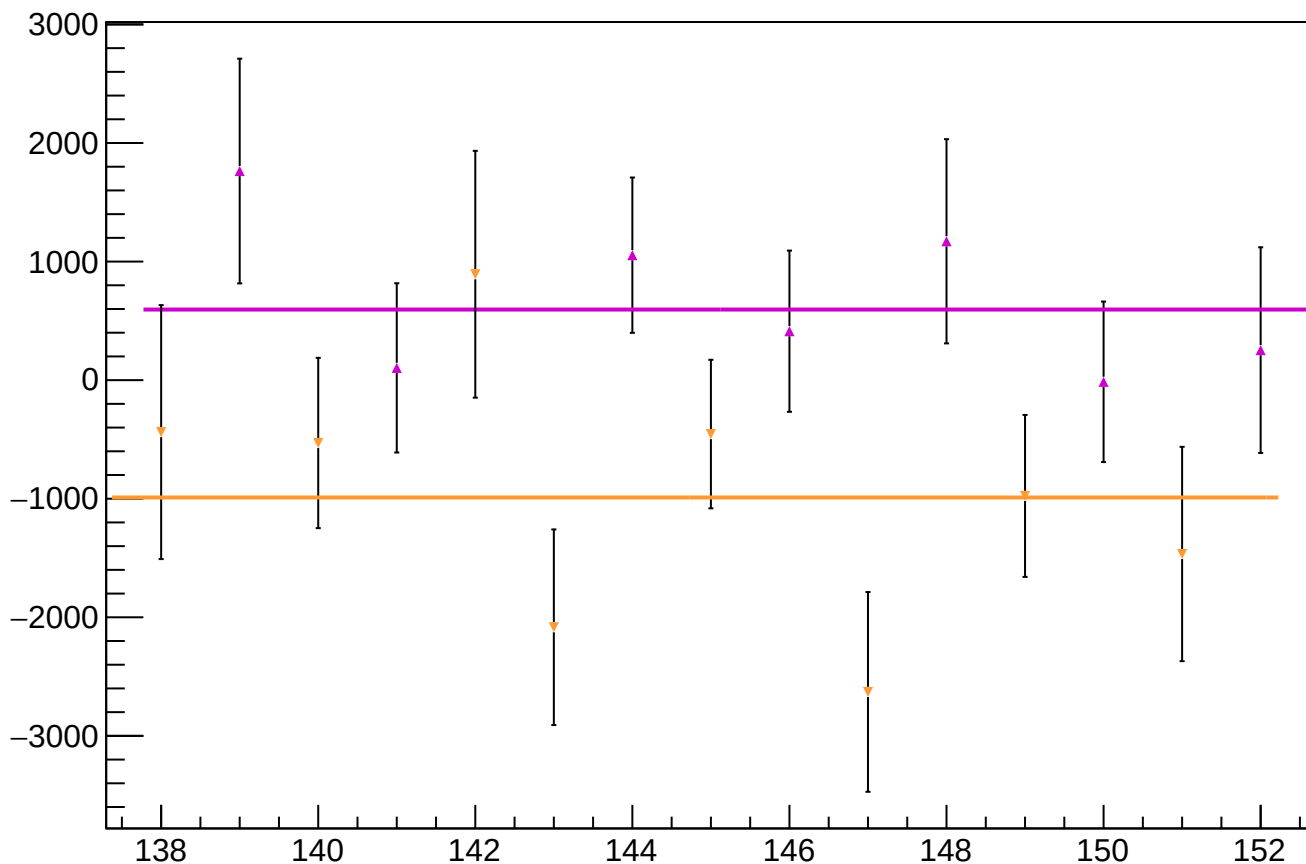
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.241+/-0.033 χ^2/NDF :24672.6/6

Out: 113.148+/-0.034 χ^2/NDF :248323.8/7

All: 112.163+/-0.024 χ^2/NDF : 274629.6/14

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -989.650+/-282.510 χ^2/NDF :10.5/7

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: -200.205+/-200.154 χ^2/NDF : 30.2/14

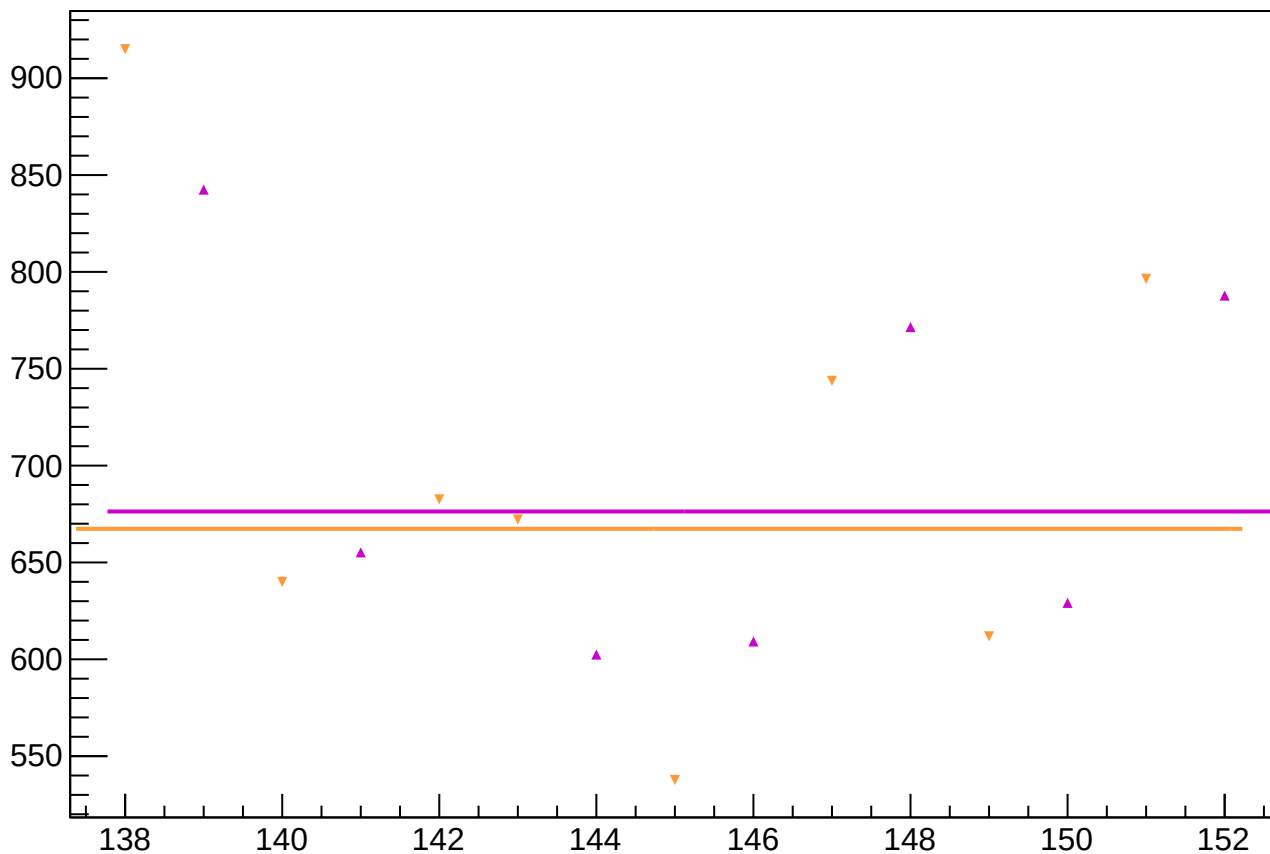
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 595.421+/-283.614 χ^2/NDF :4.0/6

Out: -989.650+/-282.510 χ^2/NDF :10.5/7

All: -200.205+/-200.154 χ^2/NDF : 30.2/14

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 667.380+/-0.200 χ^2/NDF :266481.1/7

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: 671.829+/-0.142 χ^2/NDF : 442840.1/14

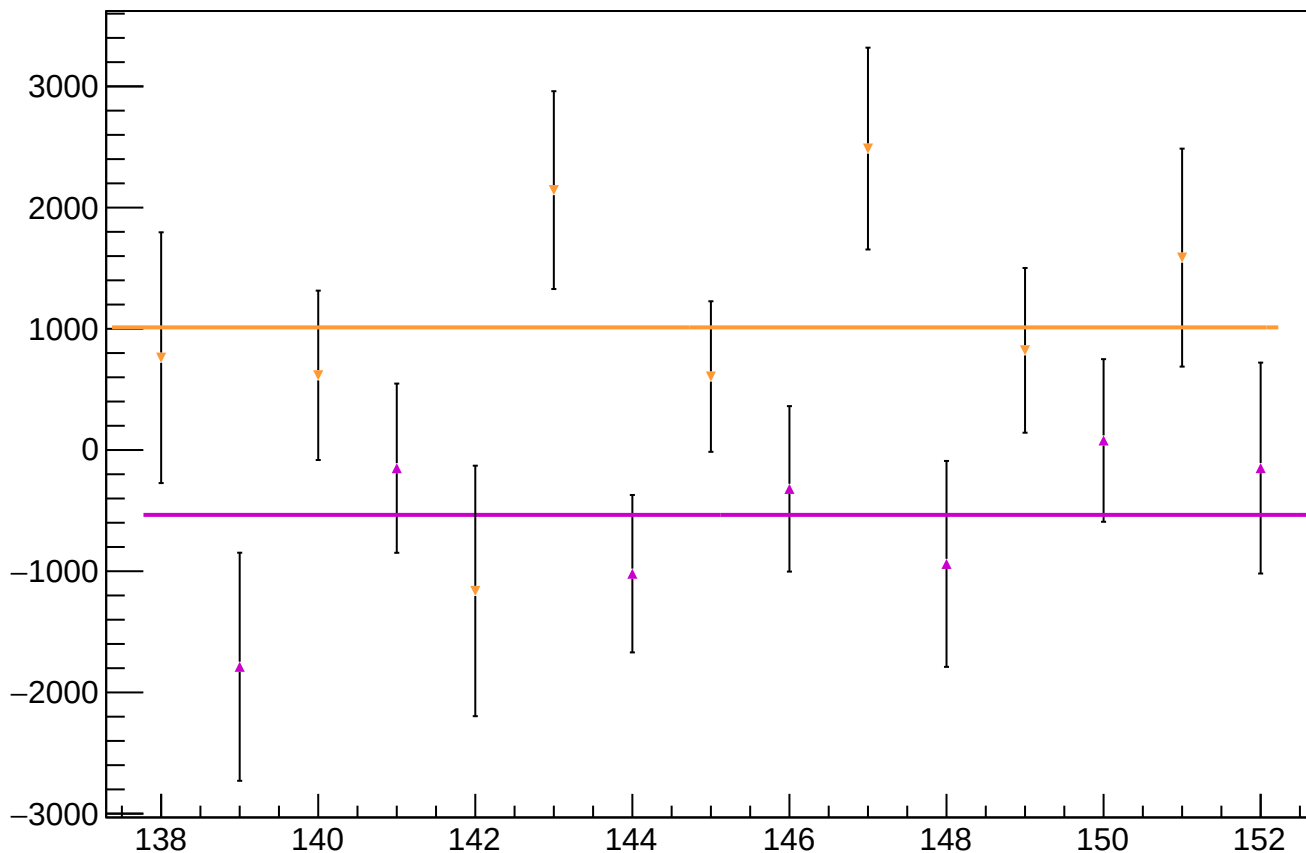
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 676.313+/-0.201 χ^2/NDF :175363.0/6

Out: 667.380+/-0.200 χ^2/NDF :266481.1/7

All: 671.829+/-0.142 χ^2/NDF : 442840.1/14

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1011.679+/-278.872 χ^2/NDF :10.8/7

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: 245.257+/-198.083 χ^2/NDF : 30.0/14

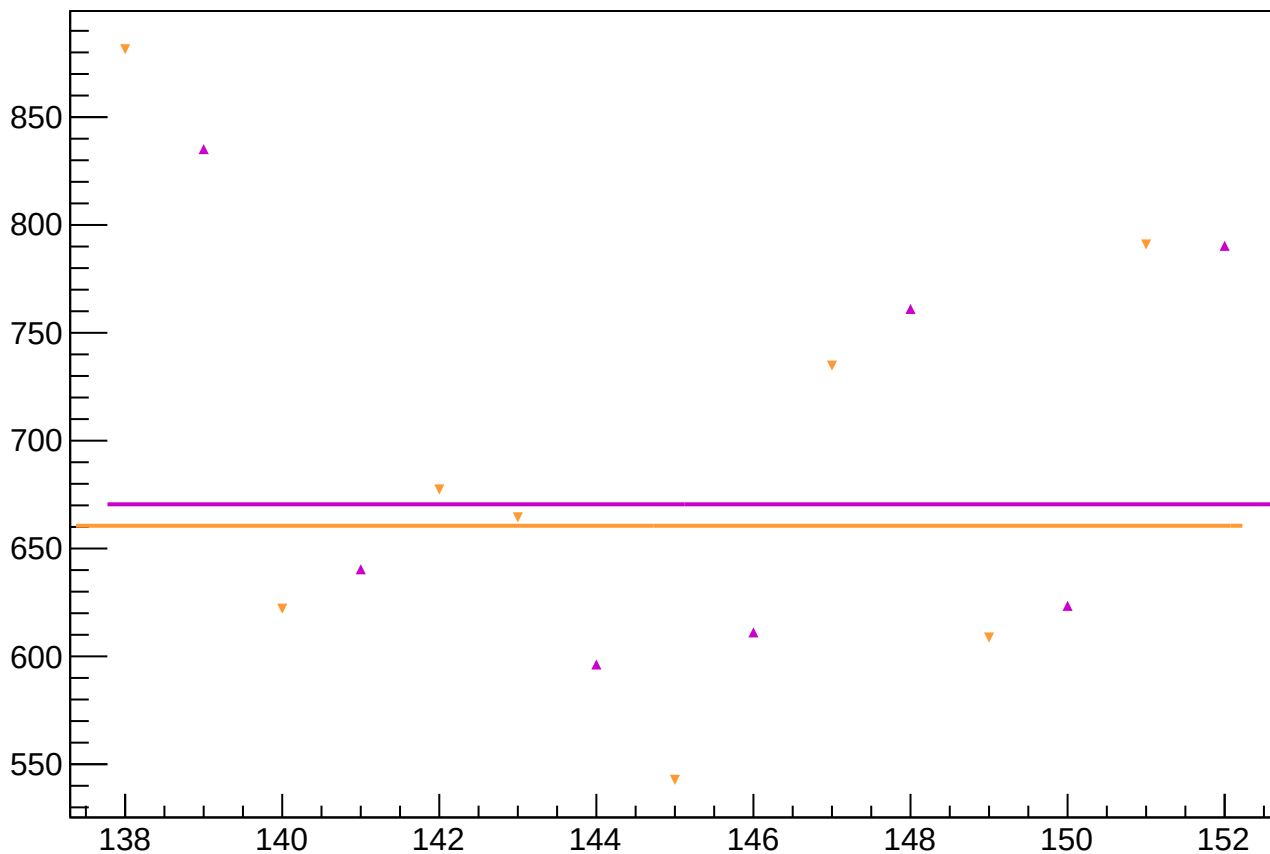
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -535.172+/-281.409 χ^2/NDF :4.0/6

Out: 1011.679+/-278.872 χ^2/NDF :10.8/7

All: 245.257+/-198.083 χ^2/NDF : 30.0/14

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 660.562+/-0.197 χ^2/NDF :239366.7/7

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: 665.484+/-0.140 χ^2/NDF : 417415.3/14

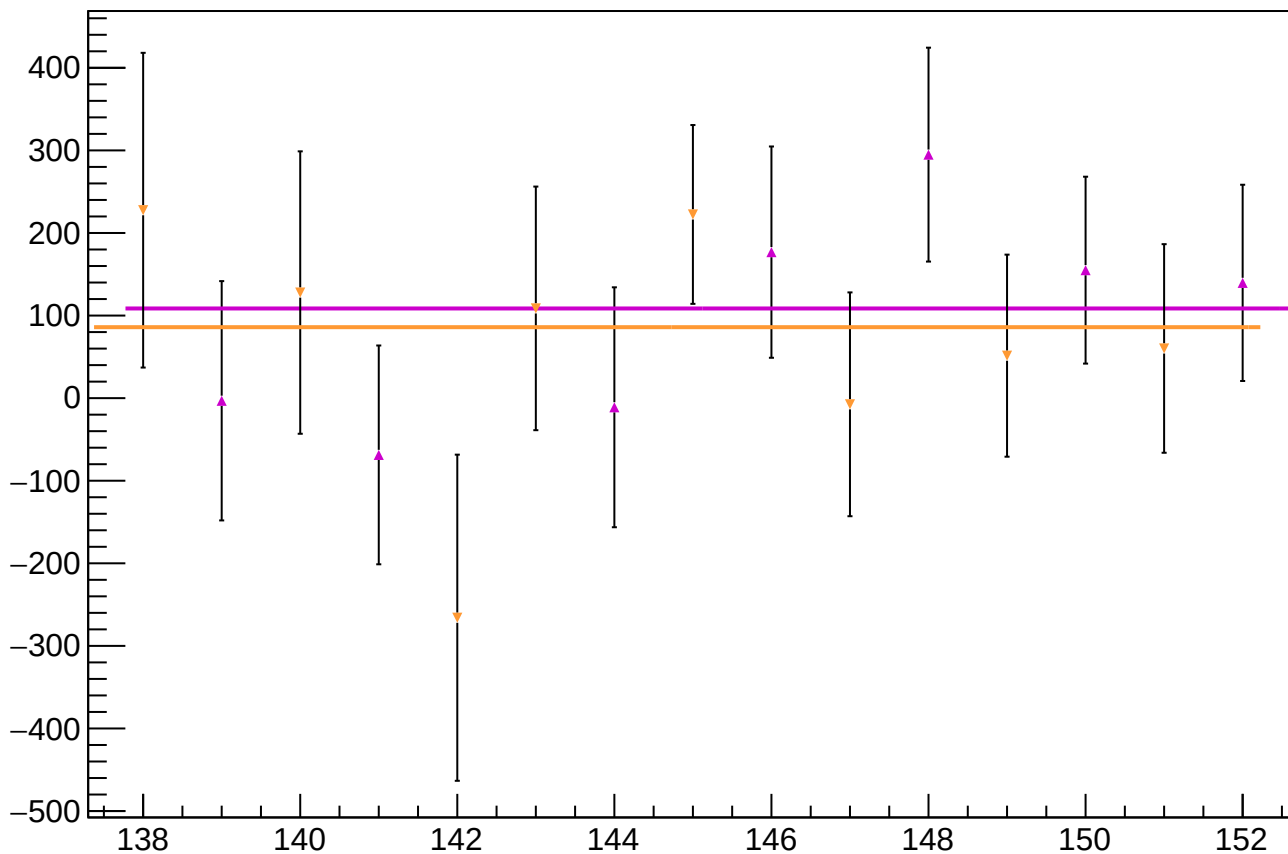
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Out: 660.562+/-0.197 χ^2/NDF :239366.7/7

All: 665.484+/-0.140 χ^2/NDF : 417415.3/14

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: 85.931 $\pm$ 49.838 χ^2 /NDF:6.0/7

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: 97.521 $\pm$ 34.832 χ^2 /NDF: 11.8/14

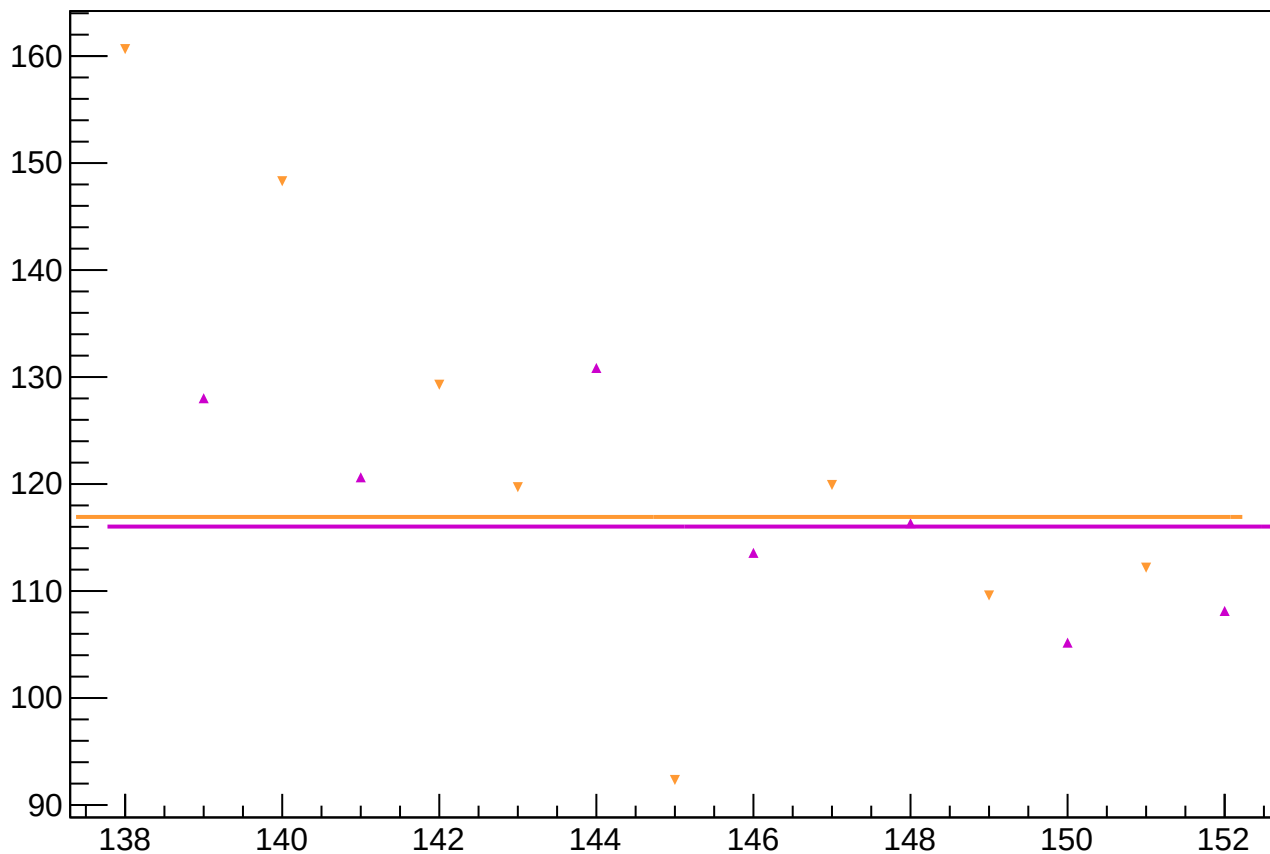
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 108.587 $\pm$ 48.700 χ^2 /NDF:5.7/6

Out: 85.931 $\pm$ 49.838 χ^2 /NDF:6.0/7

All: 97.521 $\pm$ 34.832 χ^2 /NDF: 11.8/14

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 116.924+/-0.035 χ^2/NDF :295296.7/7

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: 116.463+/-0.025 χ^2/NDF : 360532.5/14

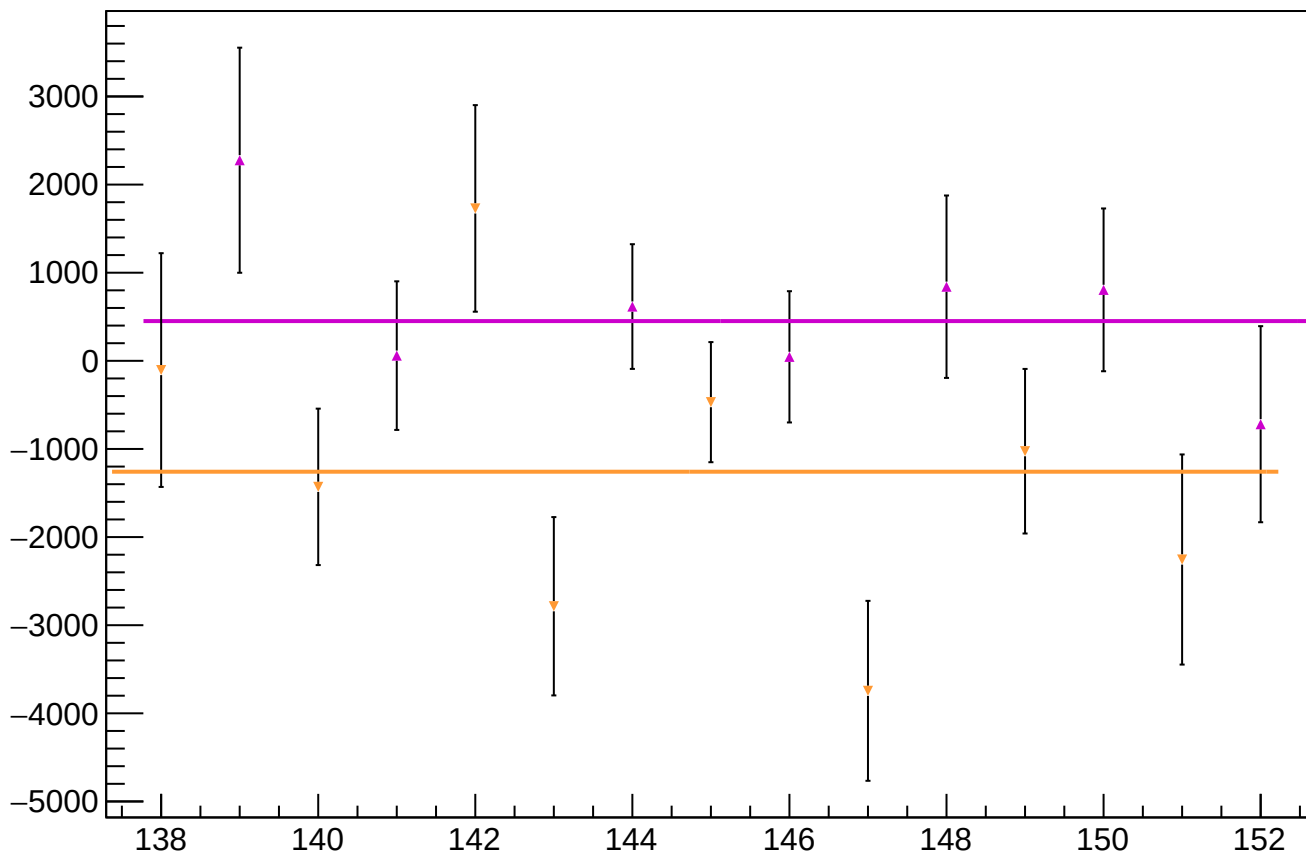
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 116.023+/-0.034 χ^2/NDF :64901.8/6

Out: 116.924+/-0.035 χ^2/NDF :295296.7/7

All: 116.463+/-0.025 χ^2/NDF : 360532.5/14

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1258.179+/-342.902 χ^2/NDF :17.6/7

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: -392.204+/-240.851 χ^2/NDF : 34.2/14

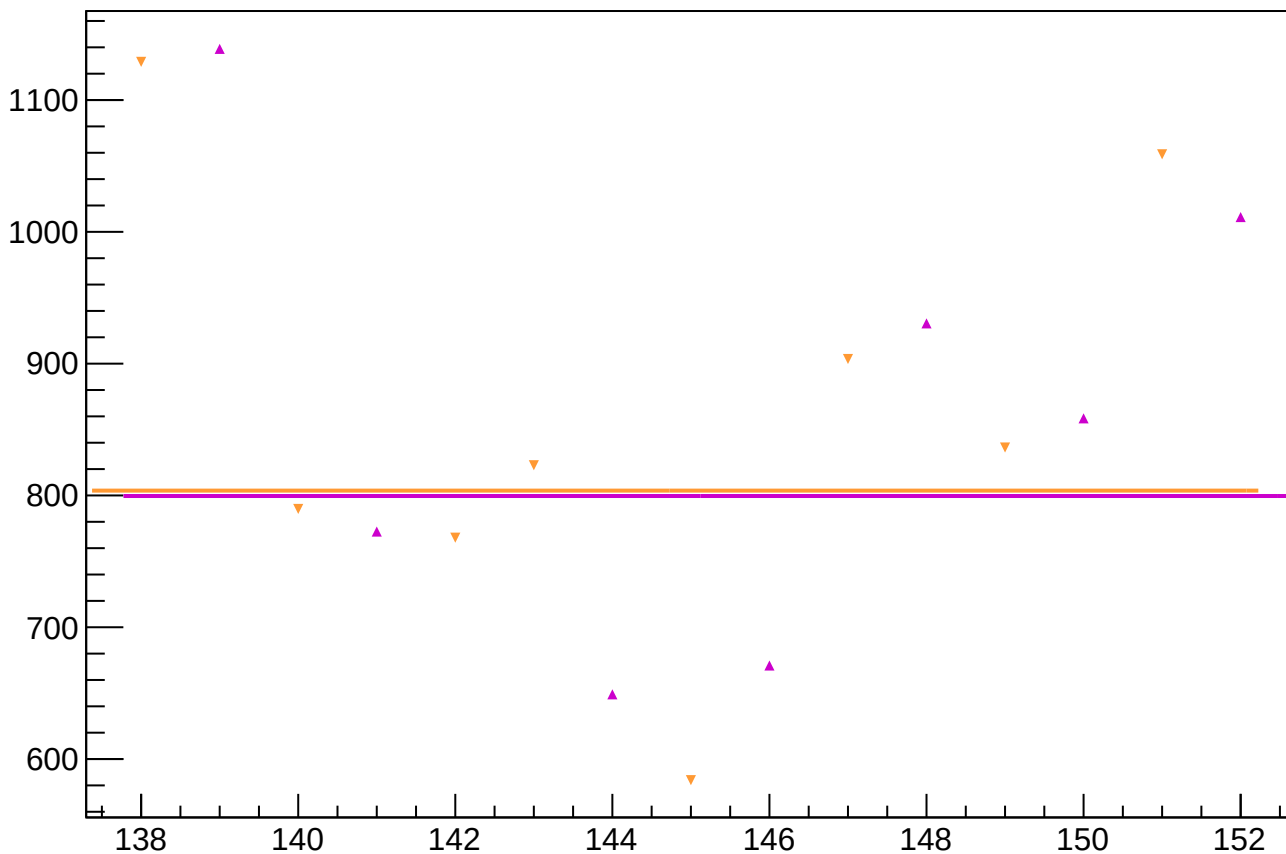
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 451.052+/-338.374 χ^2/NDF :4.0/6

Out: -1258.179+/-342.902 χ^2/NDF :17.6/7

All: -392.204+/-240.851 χ^2/NDF : 34.2/14

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 803.670+/-0.242 χ^2/NDF :444358.2/7

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: 801.594+/-0.170 χ^2/NDF : 850310.6/14

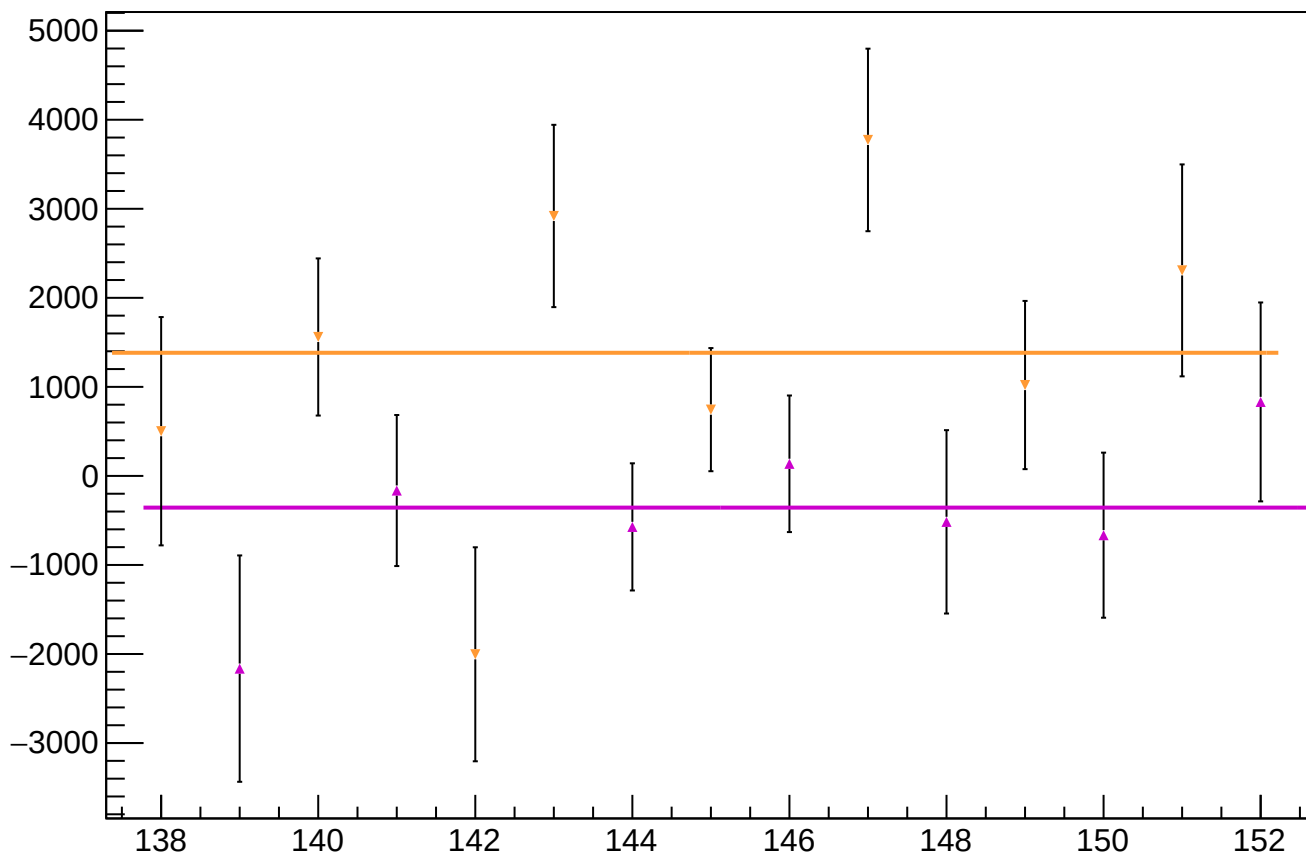
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 799.573+/-0.239 χ^2/NDF :405807.7/6

Out: 803.670+/-0.242 χ^2/NDF :444358.2/7

All: 801.594+/-0.170 χ^2/NDF : 850310.6/14

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1382.968+/-344.839 χ^2/NDF :17.7/7

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: 504.833+/-242.617 χ^2/NDF : 34.4/14

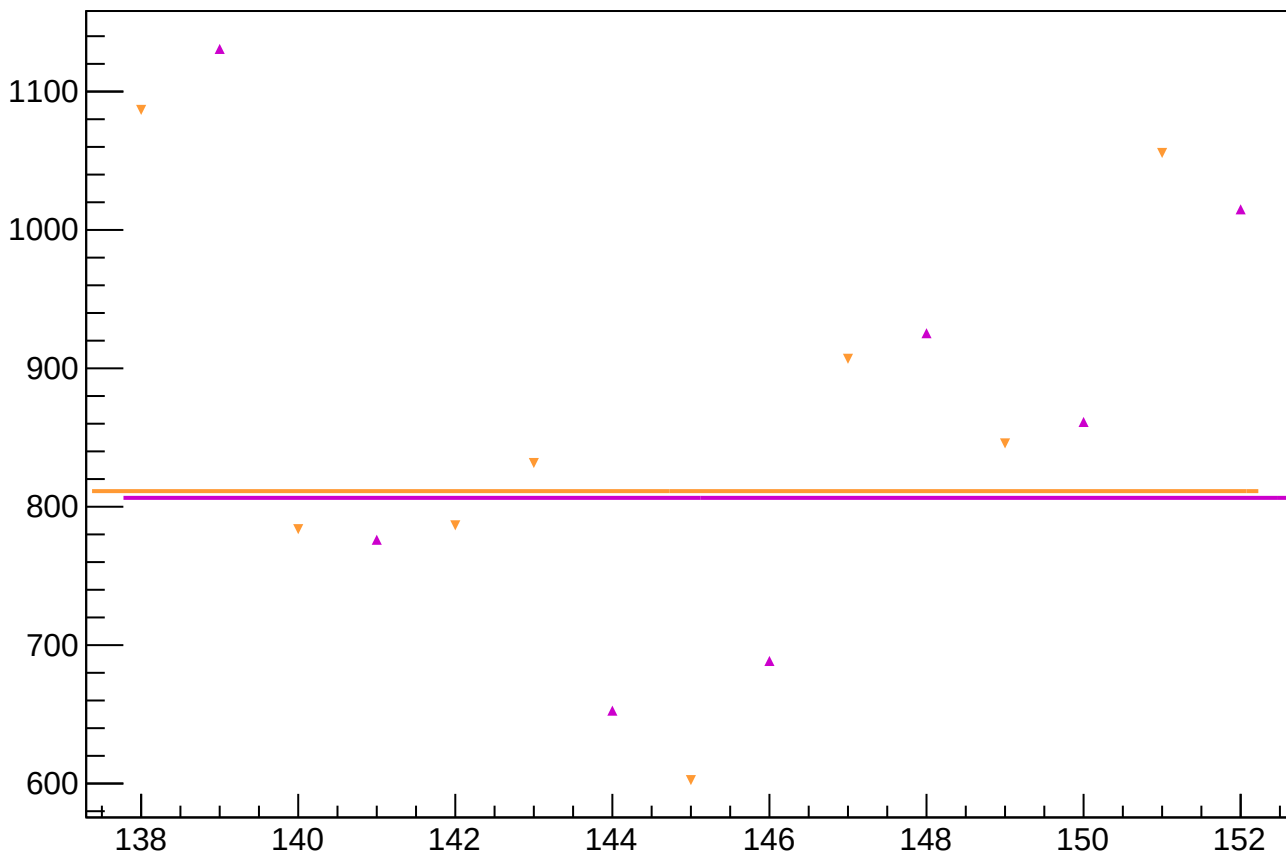
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -355.937+/-341.413 χ^2/NDF :3.8/6

Out: 1382.968+/-344.839 χ^2/NDF :17.7/7

All: 504.833+/-242.617 χ^2/NDF : 34.4/14

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 811.280+/-0.244 χ^2/NDF :382661.2/7

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: 808.823+/-0.172 χ^2/NDF : 759015.0/14

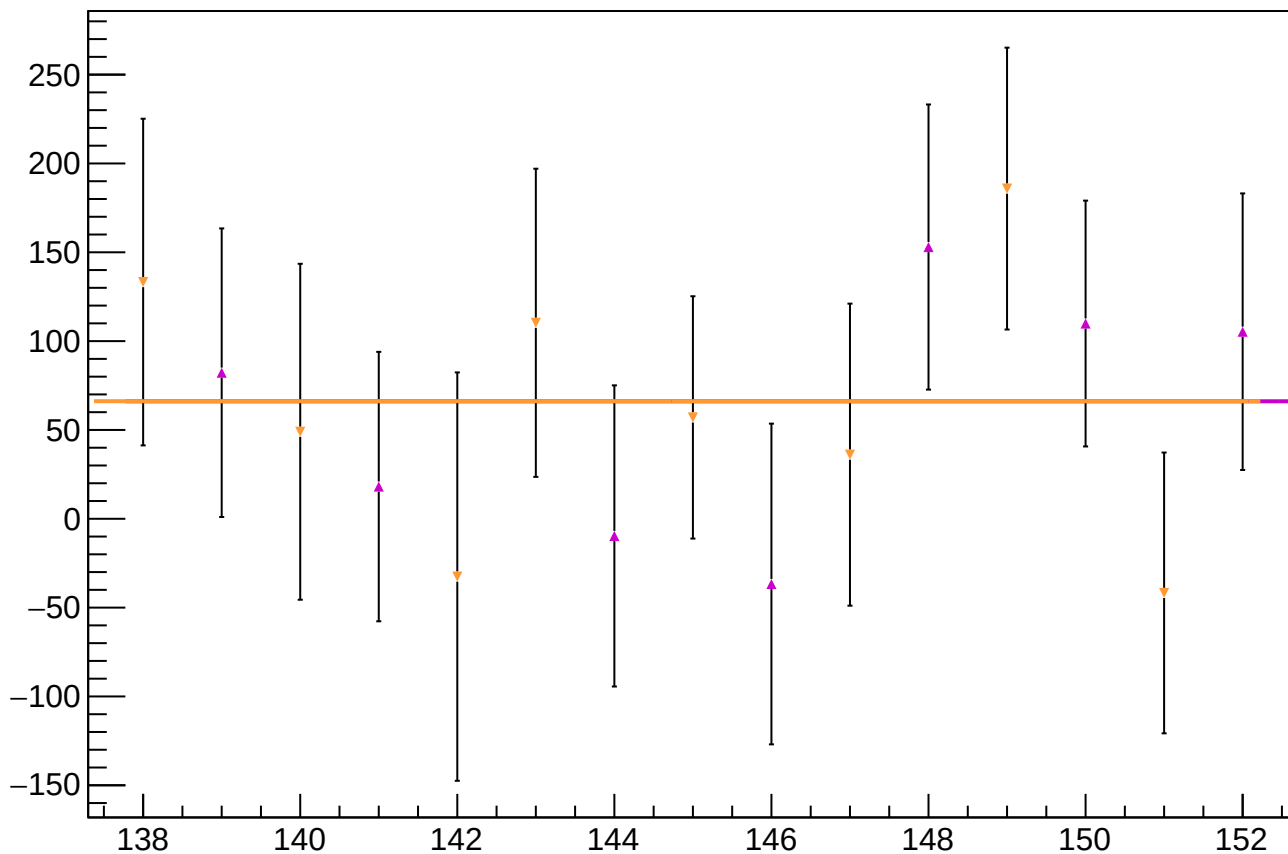
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Out: 811.280+/-0.244 χ^2/NDF :382661.2/7

All: 808.823+/-0.172 χ^2/NDF : 759015.0/14

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 66.191+/-29.997 χ^2/NDF :5.8/7

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

Left In: 66.145+/-29.924 χ^2/NDF :4.4/6

Left: 66.167+/-21.185 χ^2/NDF : 10.2/14

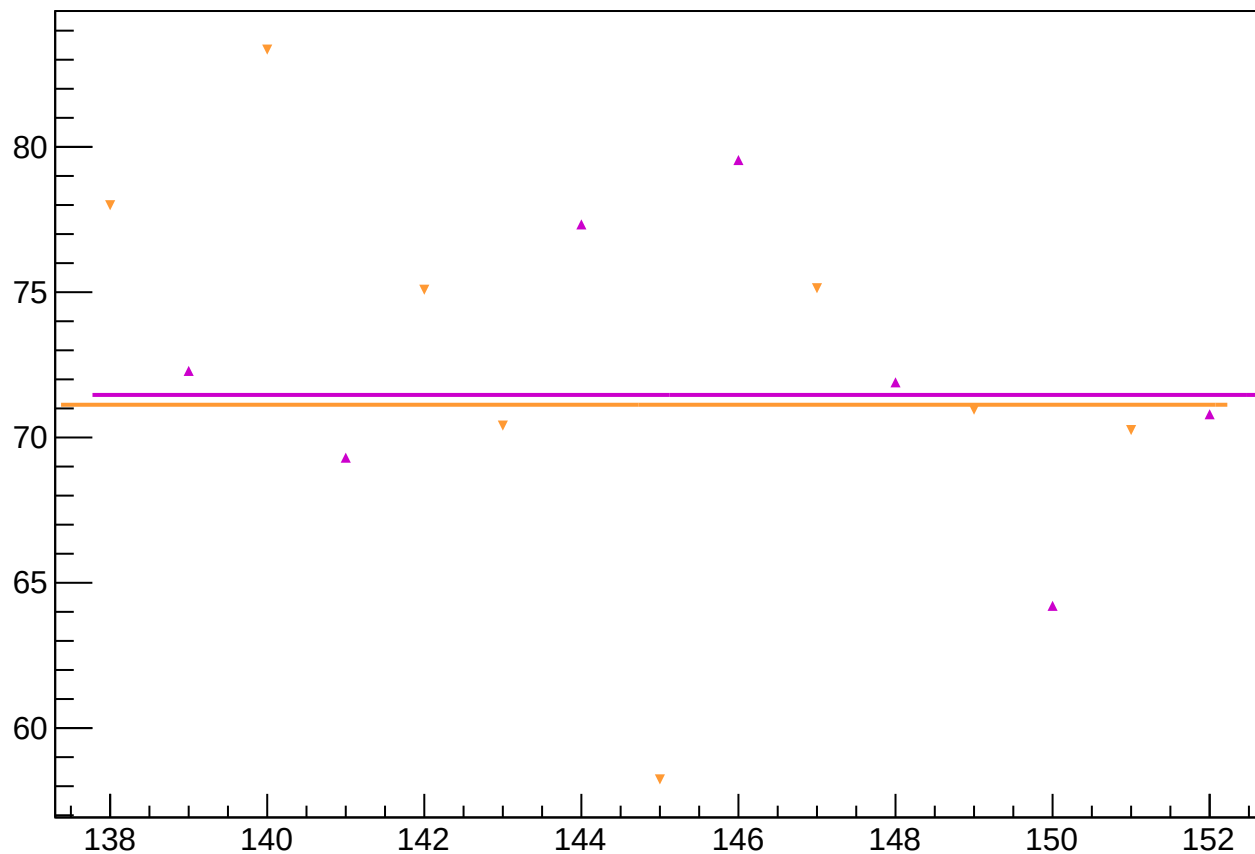
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.145+/-29.924 χ^2/NDF :4.4/6

Out: 66.191+/-29.997 χ^2/NDF :5.8/7

All: 66.167+/-21.185 χ^2/NDF : 10.2/14

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 71.127+/-0.021 χ^2/NDF :123259.2/7

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: 71.296+/-0.015 χ^2/NDF : 173052.9/14

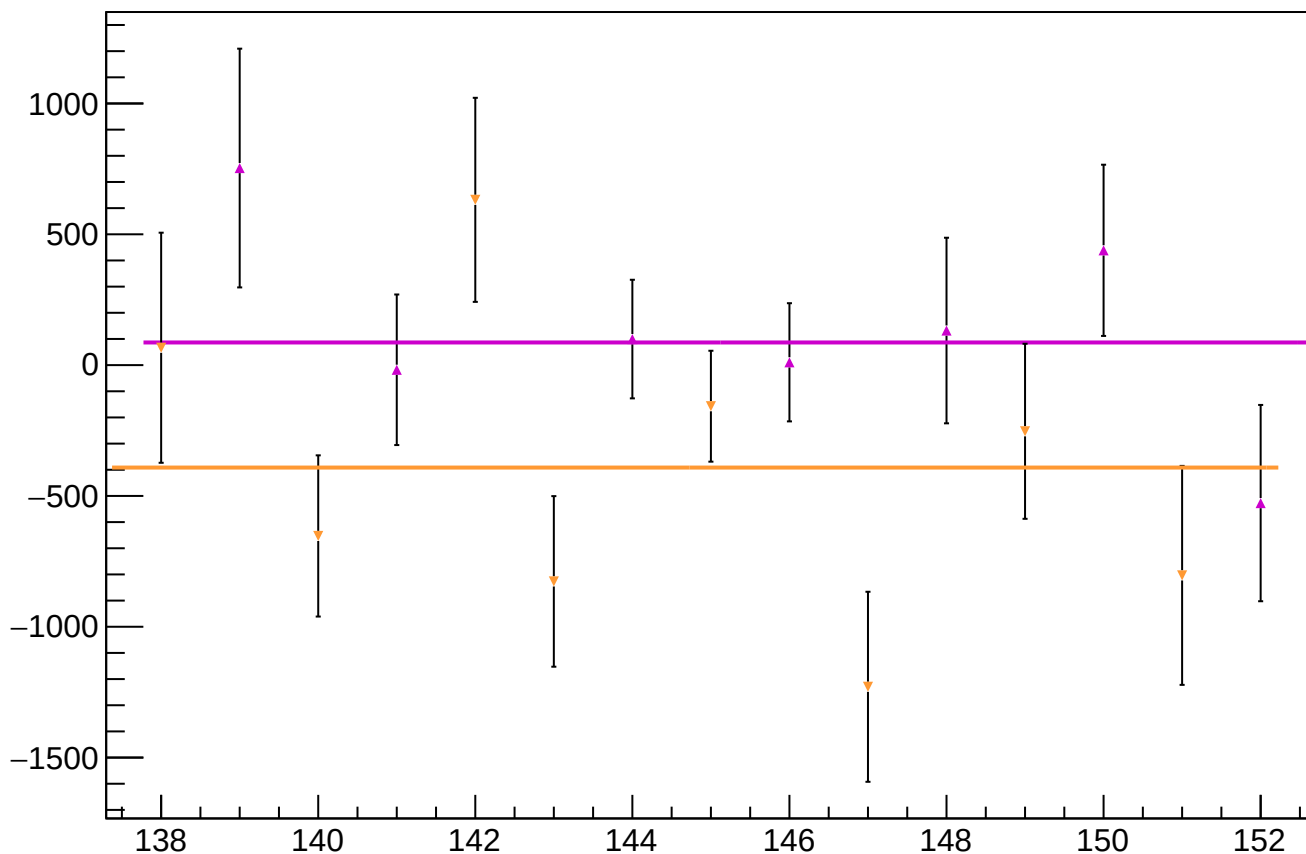
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 71.465+/-0.021 χ^2/NDF :49666.3/6

Out: 71.127+/-0.021 χ^2/NDF :123259.2/7

All: 71.296+/-0.015 χ^2/NDF : 173052.9/14

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -391.541+/-114.573 χ^2/NDF :18.2/7

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: -146.129+/-79.930 χ^2/NDF : 33.3/14

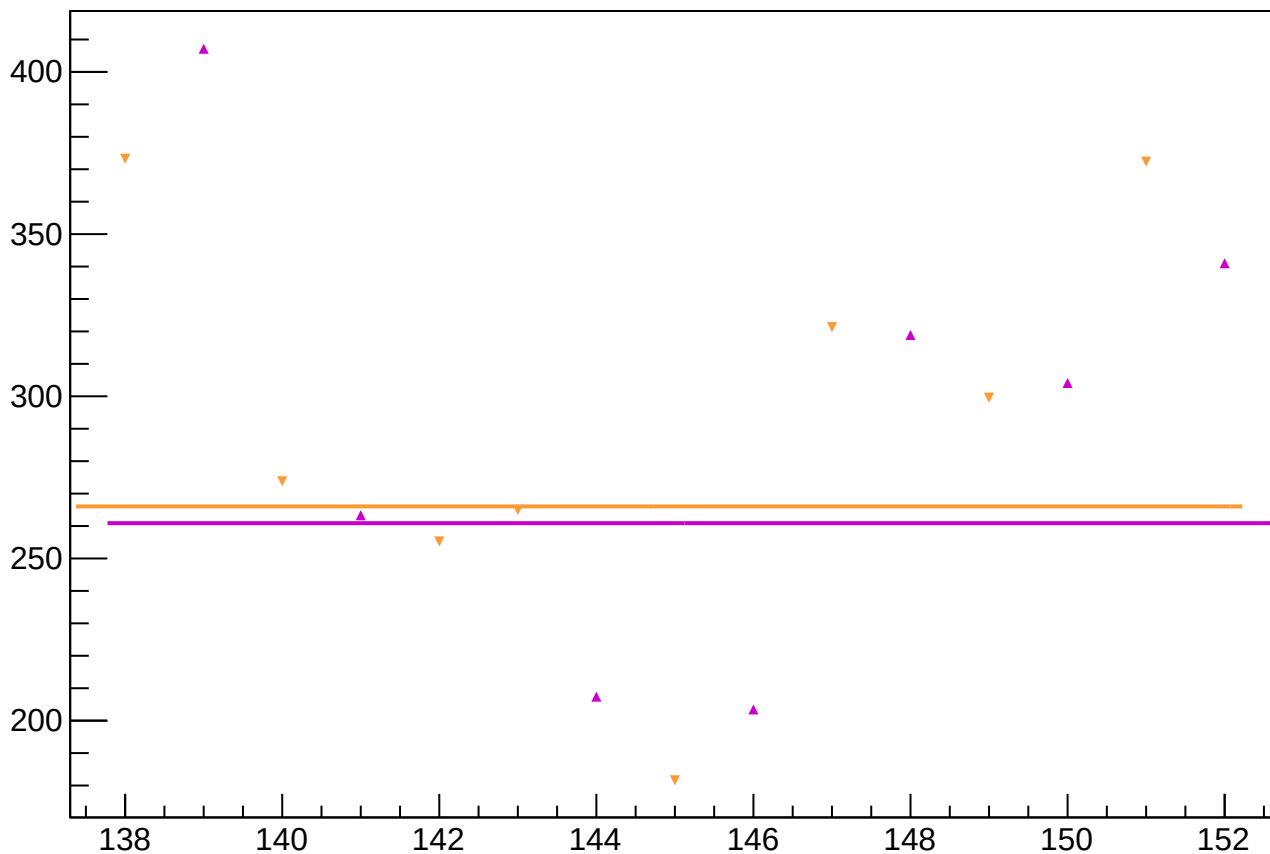
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.559+/-111.563 χ^2/NDF :6.2/6

Out: -391.541+/-114.573 χ^2/NDF :18.2/7

All: -146.129+/-79.930 χ^2/NDF : 33.3/14

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 266.050+/-0.081 χ^2/NDF :634521.9/7

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: 263.401+/-0.057 χ^2/NDF : 1262641.4/14

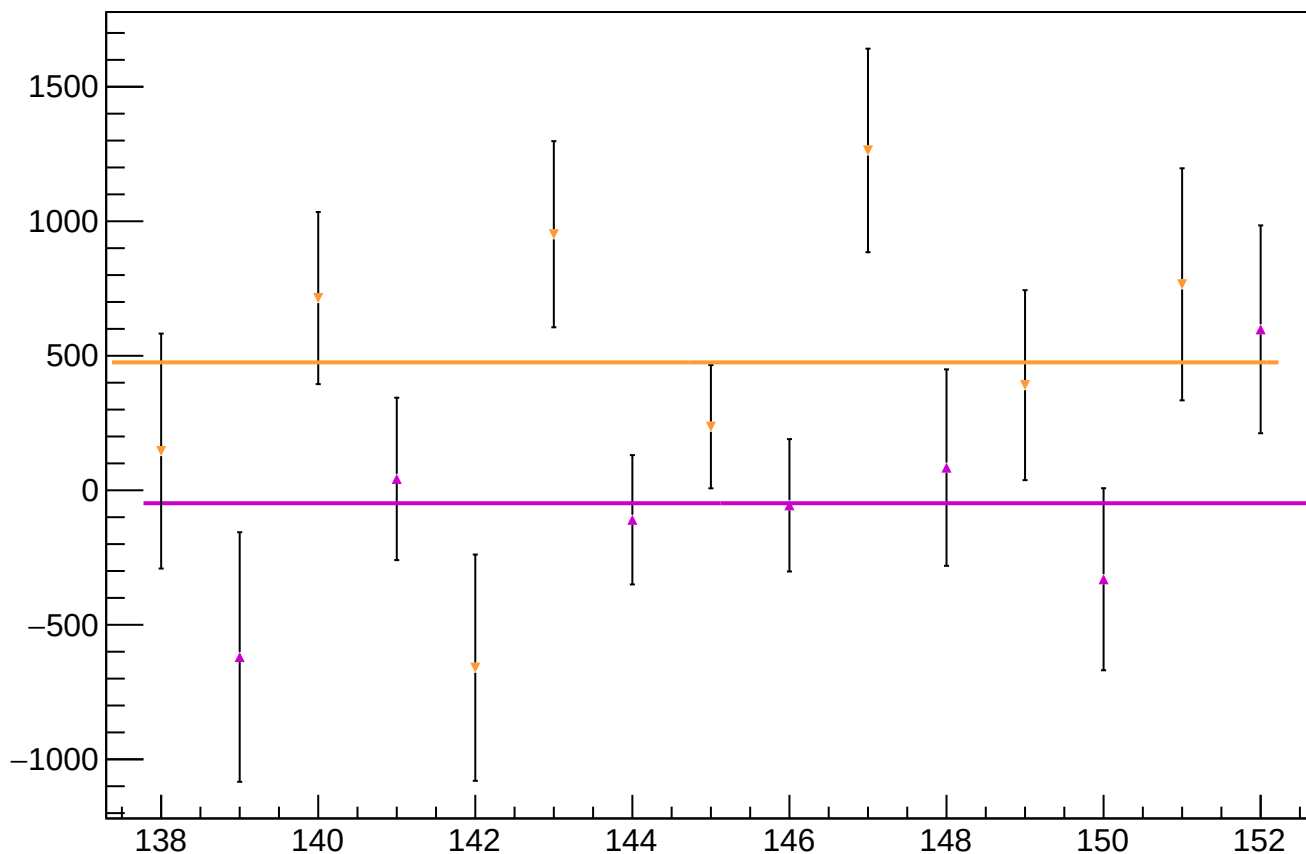
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.889+/-0.079 χ^2/NDF :626036.3/6

Out: 266.050+/-0.081 χ^2/NDF :634521.9/7

All: 263.401+/-0.057 χ^2/NDF : 1262641.4/14

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 475.484+/-120.858 χ^2/NDF : 16.2/7

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: 206.426+/-84.264 χ^2/NDF : 31.2/14

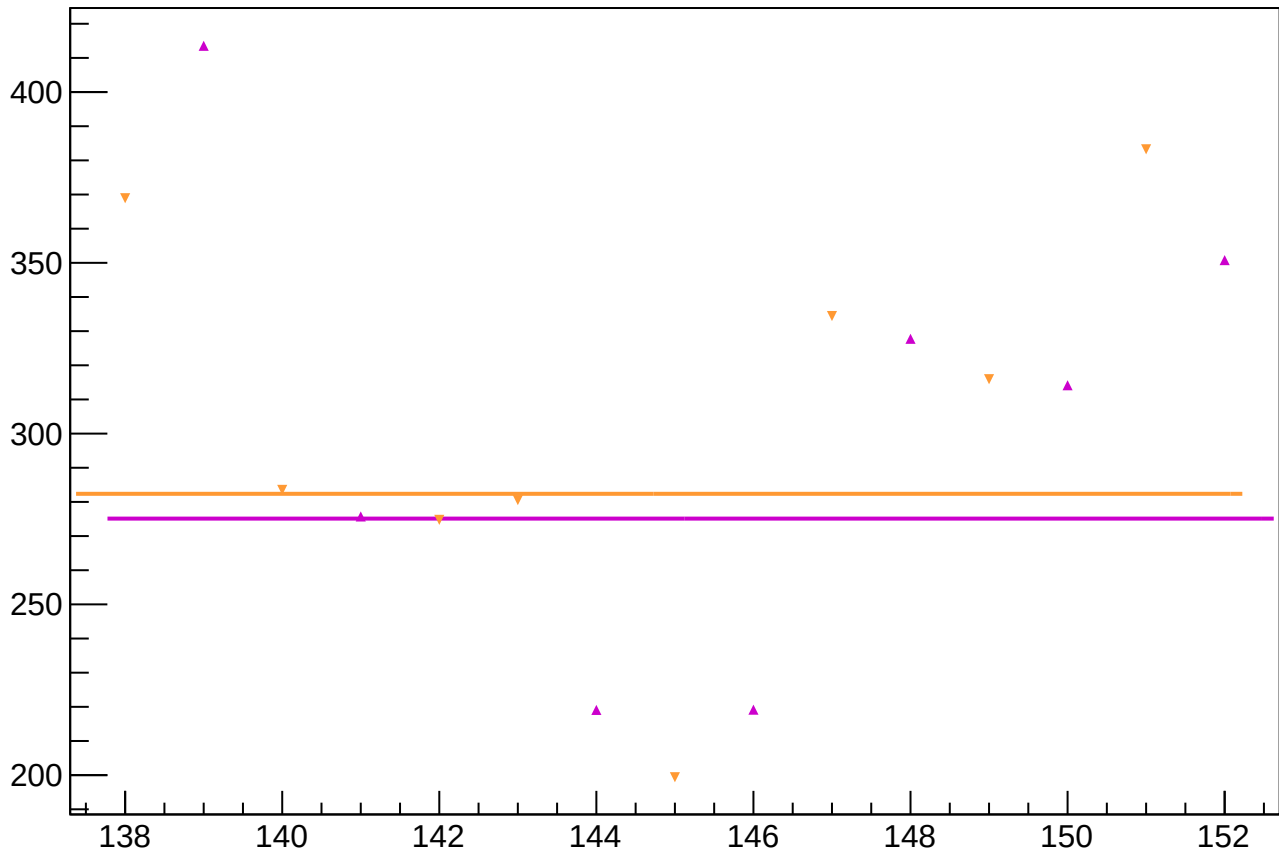
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.078+/-117.544 χ^2/NDF : 5.3/6

Out: 475.484+/-120.858 χ^2/NDF : 16.2/7

All: 206.426+/-84.264 χ^2/NDF : 31.2/14

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 282.373+/-0.085 χ^2/NDF :507038.7/7

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: 278.643+/-0.060 χ^2/NDF : 1045805.3/14

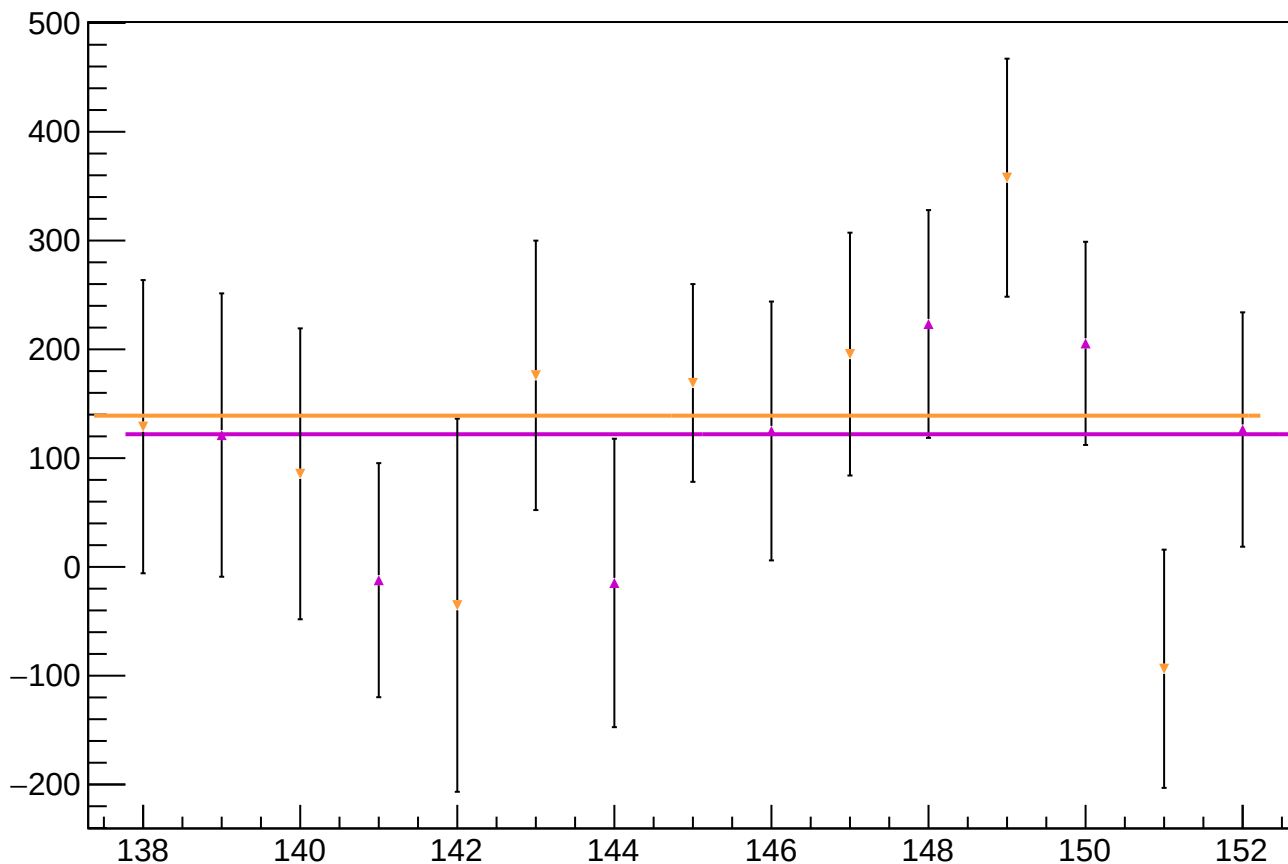
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Out: 282.373+/-0.085 χ^2/NDF :507038.7/7

All: 278.643+/-0.060 χ^2/NDF : 1045805.3/14

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 139.033+/-41.578 χ^2/NDF :10.2/7

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: 130.597+/-29.573 χ^2/NDF : 14.6/14

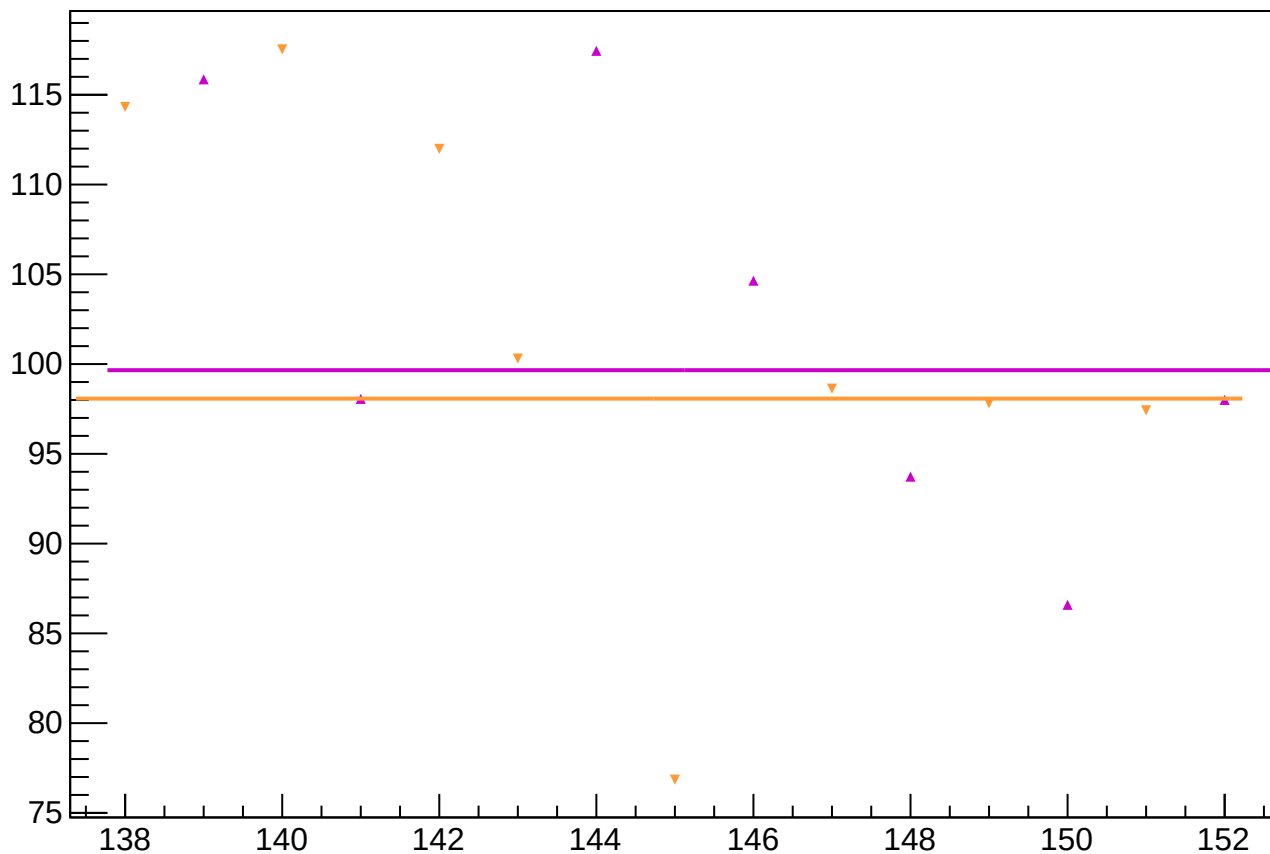
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.959+/-42.072 χ^2/NDF :4.4/6

Out: 139.033+/-41.578 χ^2/NDF :10.2/7

All: 130.597+/-29.573 χ^2/NDF : 14.6/14

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 98.077+/-0.029 χ^2/NDF :194395.5/7

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: 98.859+/-0.021 χ^2/NDF : 312786.2/14

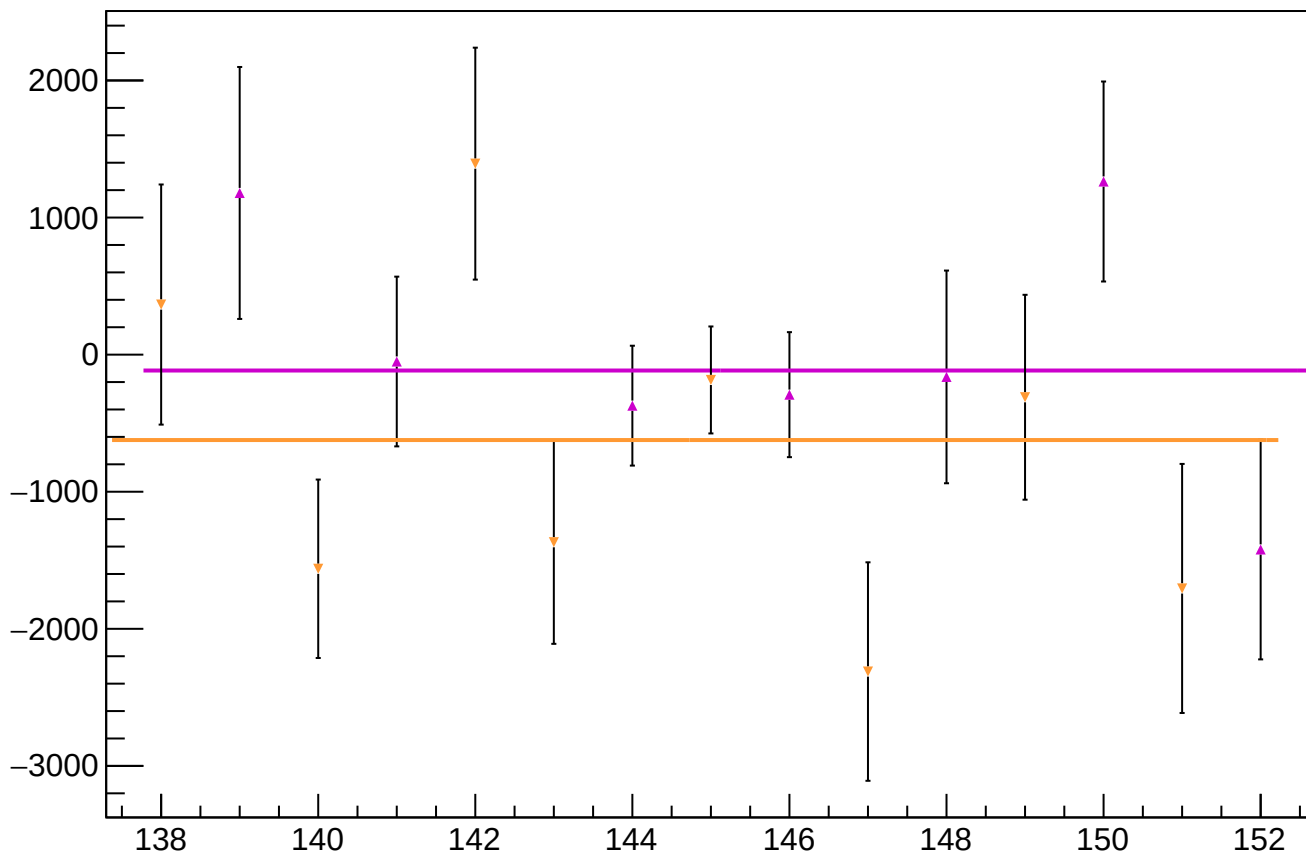
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 99.659+/-0.030 χ^2/NDF :116960.4/6

Out: 98.077+/-0.029 χ^2/NDF :194395.5/7

All: 98.859+/-0.021 χ^2/NDF : 312786.2/14

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -622.981+/-235.503 χ^2/NDF :17.4/7

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: -363.188+/-164.483 χ^2/NDF : 28.5/14

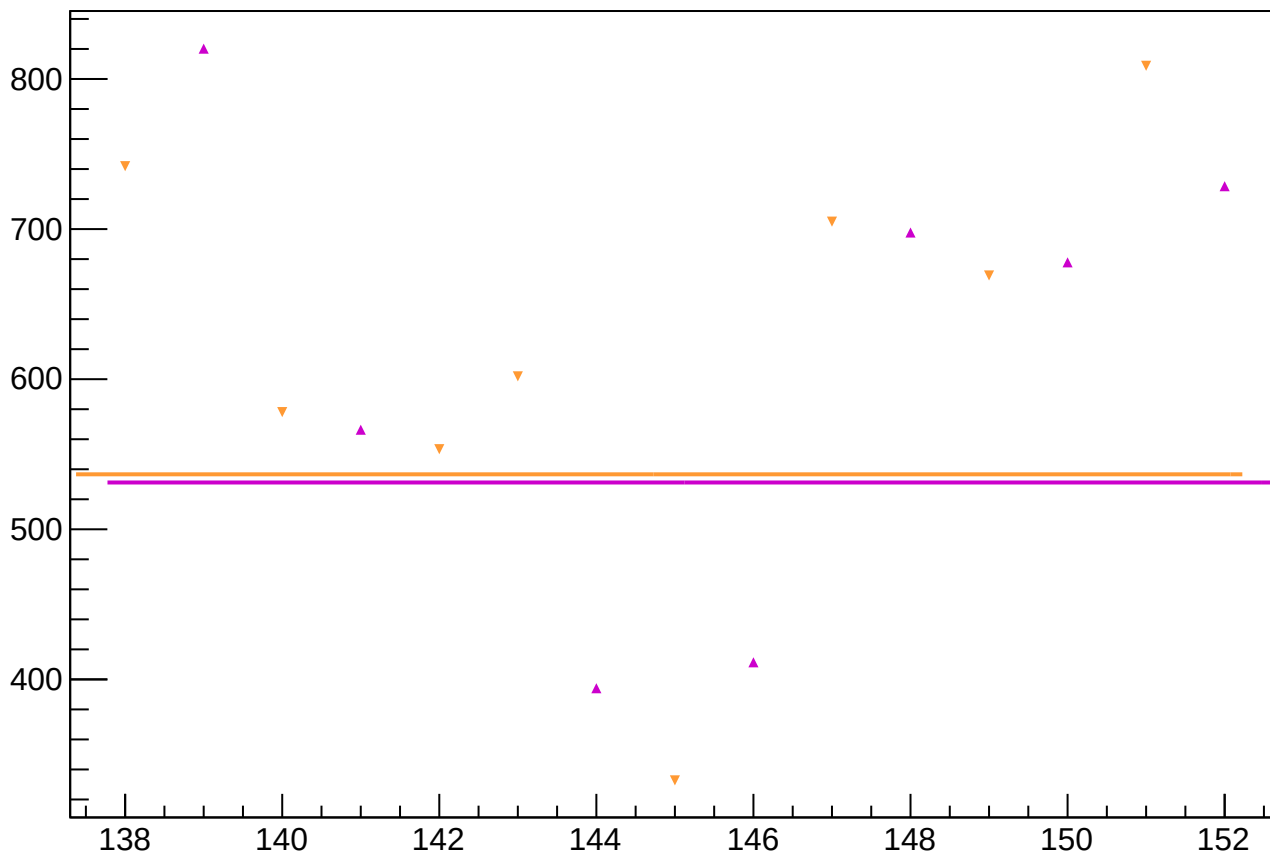
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -115.767+/-229.828 χ^2/NDF :8.7/6

Out: -622.981+/-235.503 χ^2/NDF :17.4/7

All: -363.188+/-164.483 χ^2/NDF : 28.5/14

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 536.631+/-0.167 χ^2/NDF :1012284.3/7

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: 533.839+/-0.116 χ^2/NDF : 1845958.8/14

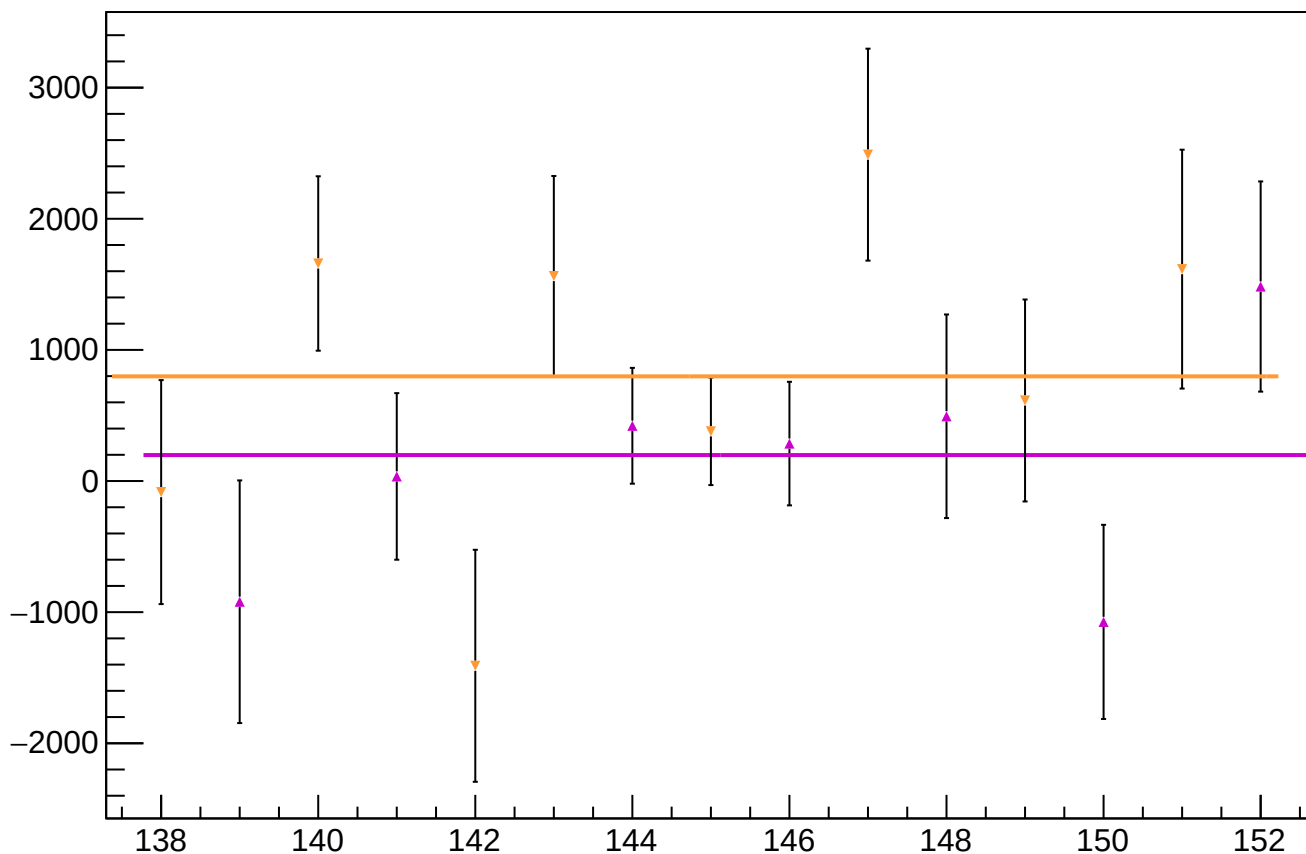
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 531.181+/-0.163 χ^2/NDF :833126.0/6

Out: 536.631+/-0.167 χ^2/NDF :1012284.3/7

All: 533.839+/-0.116 χ^2/NDF : 1845958.8/14

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 798.244+/-242.553 χ^2/NDF :16.3/7

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: 486.883+/-168.274 χ^2/NDF : 26.9/14

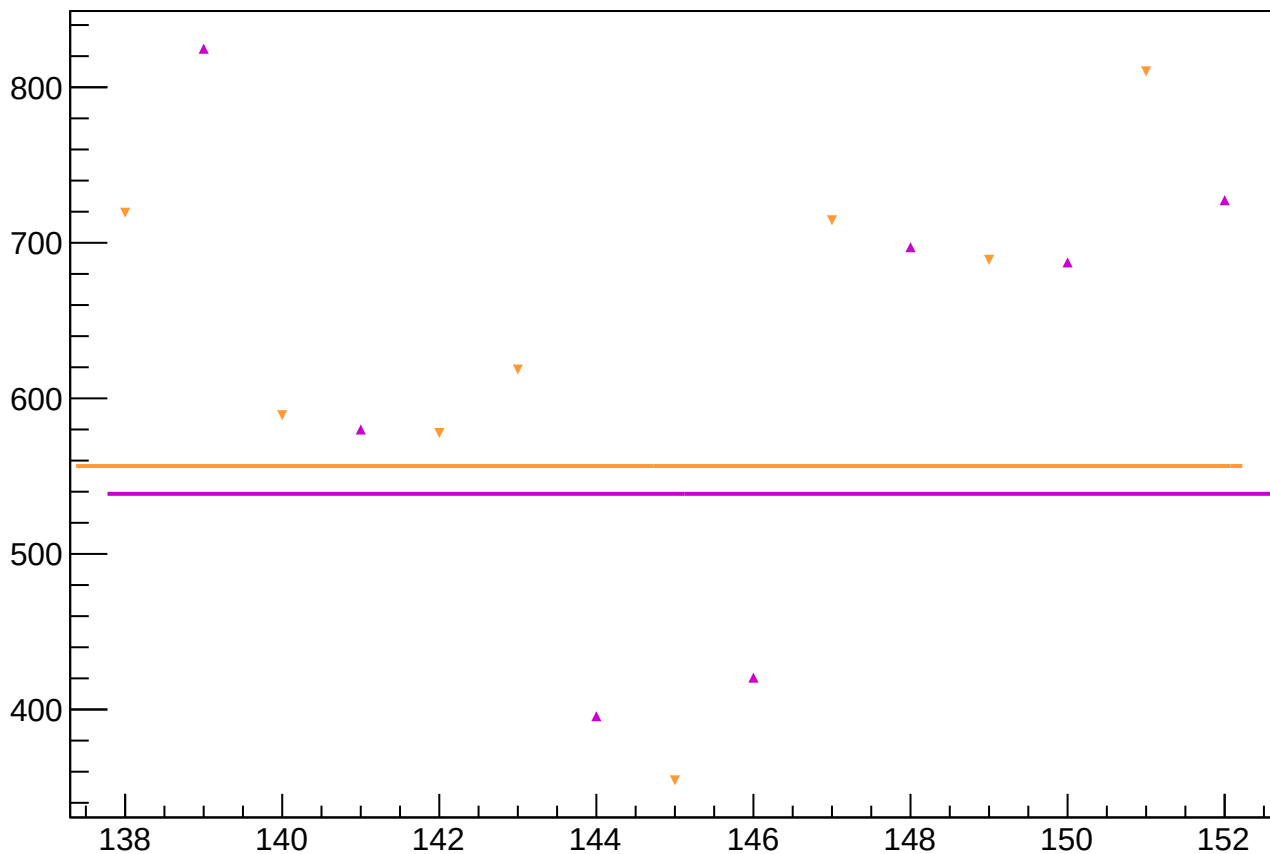
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.966+/-233.647 χ^2/NDF :7.5/6

Out: 798.244+/-242.553 χ^2/NDF :16.3/7

All: 486.883+/-168.274 χ^2/NDF : 26.9/14

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 556.494+/-0.172 χ^2/NDF : 868361.3/7

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: 547.230+/-0.119 χ^2/NDF : 1684175.7/14

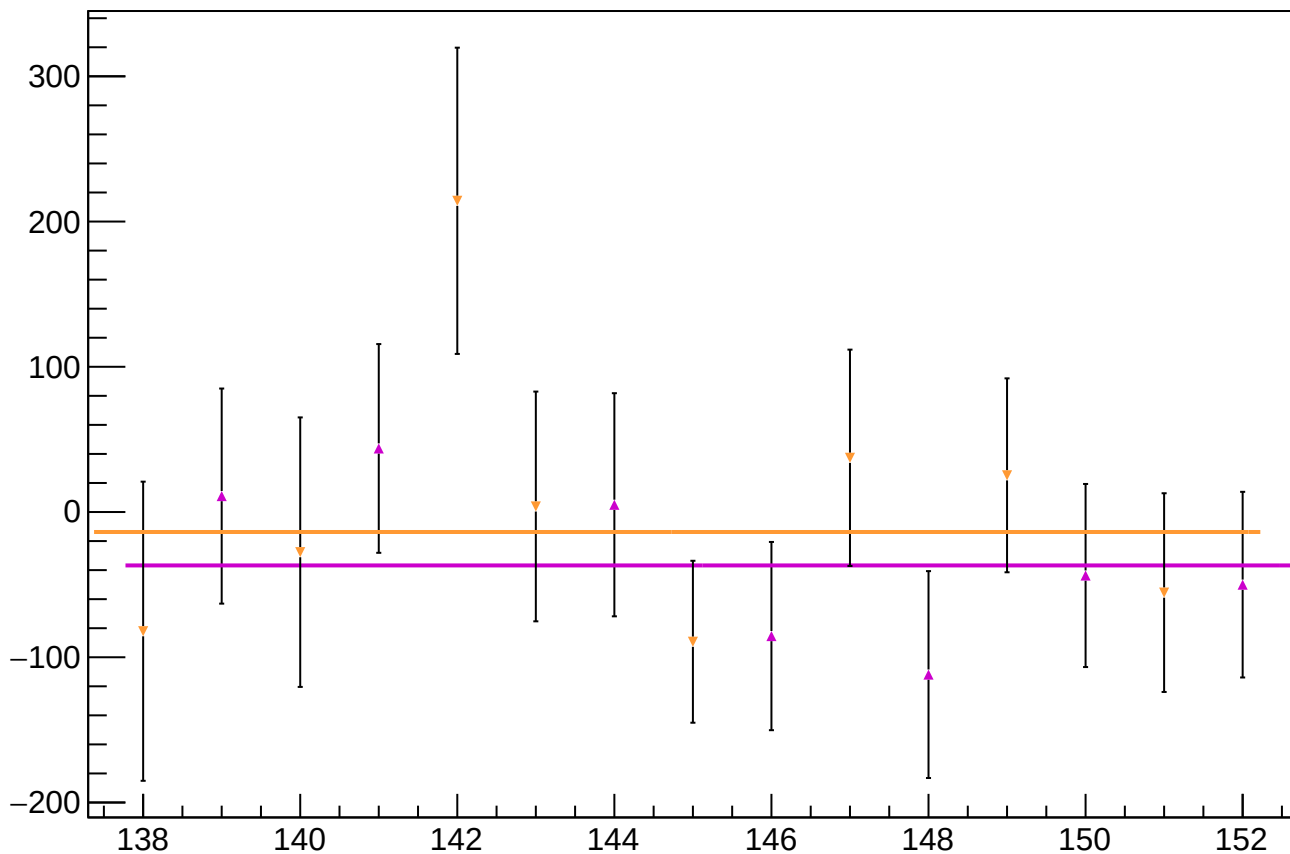
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Out: 556.494+/-0.172 χ^2/NDF : 868361.3/7

All: 547.230+/-0.119 χ^2/NDF : 1684175.7/14

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: -13.750+/-26.723 χ^2/NDF : 8.2/7

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: -25.568+/-18.642 χ^2/NDF : 12.3/14

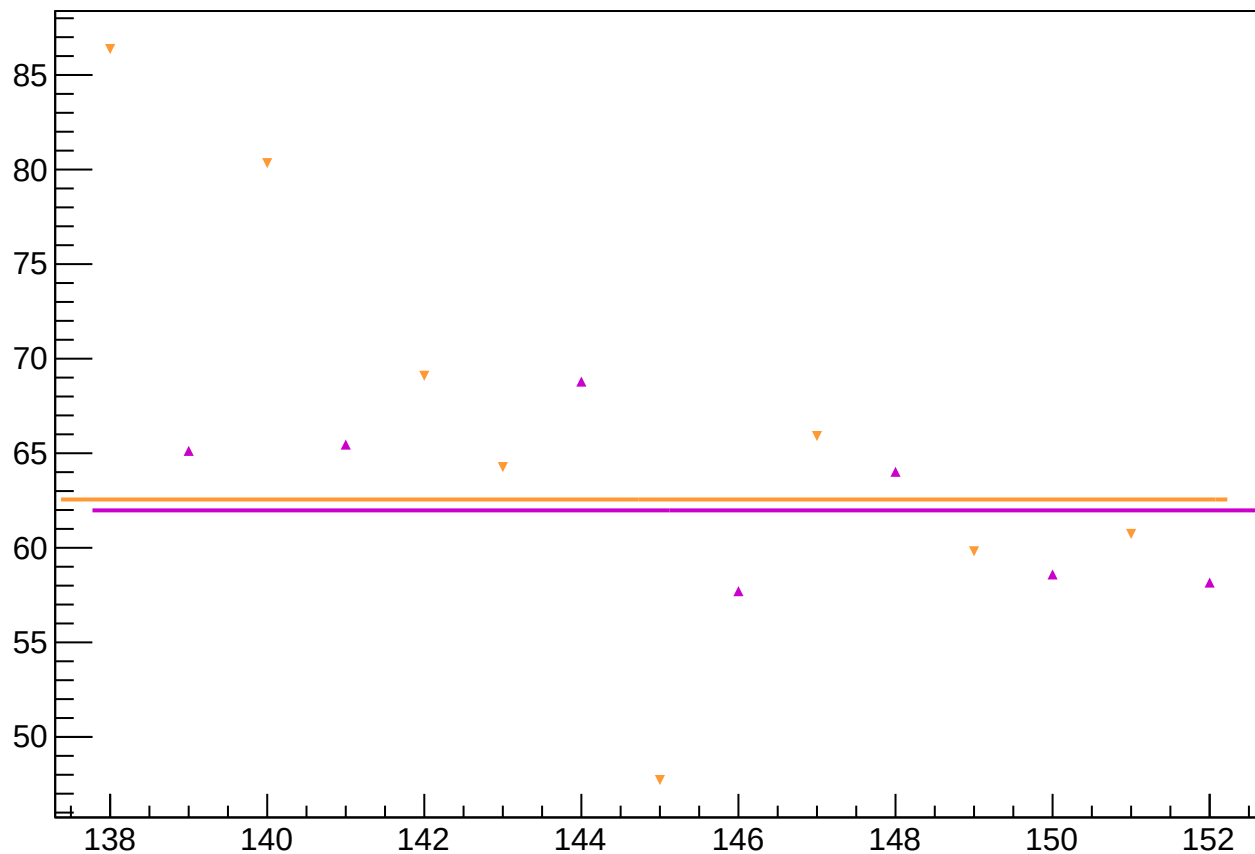
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.771+/-26.018 χ^2/NDF : 3.7/6

Out: -13.750+/-26.723 χ^2/NDF : 8.2/7

All: -25.568+/-18.642 χ^2/NDF : 12.3/14

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: 62.556+/-0.019 χ^2/NDF :339526.2/7

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: 62.260+/-0.013 χ^2/NDF : 387266.2/14

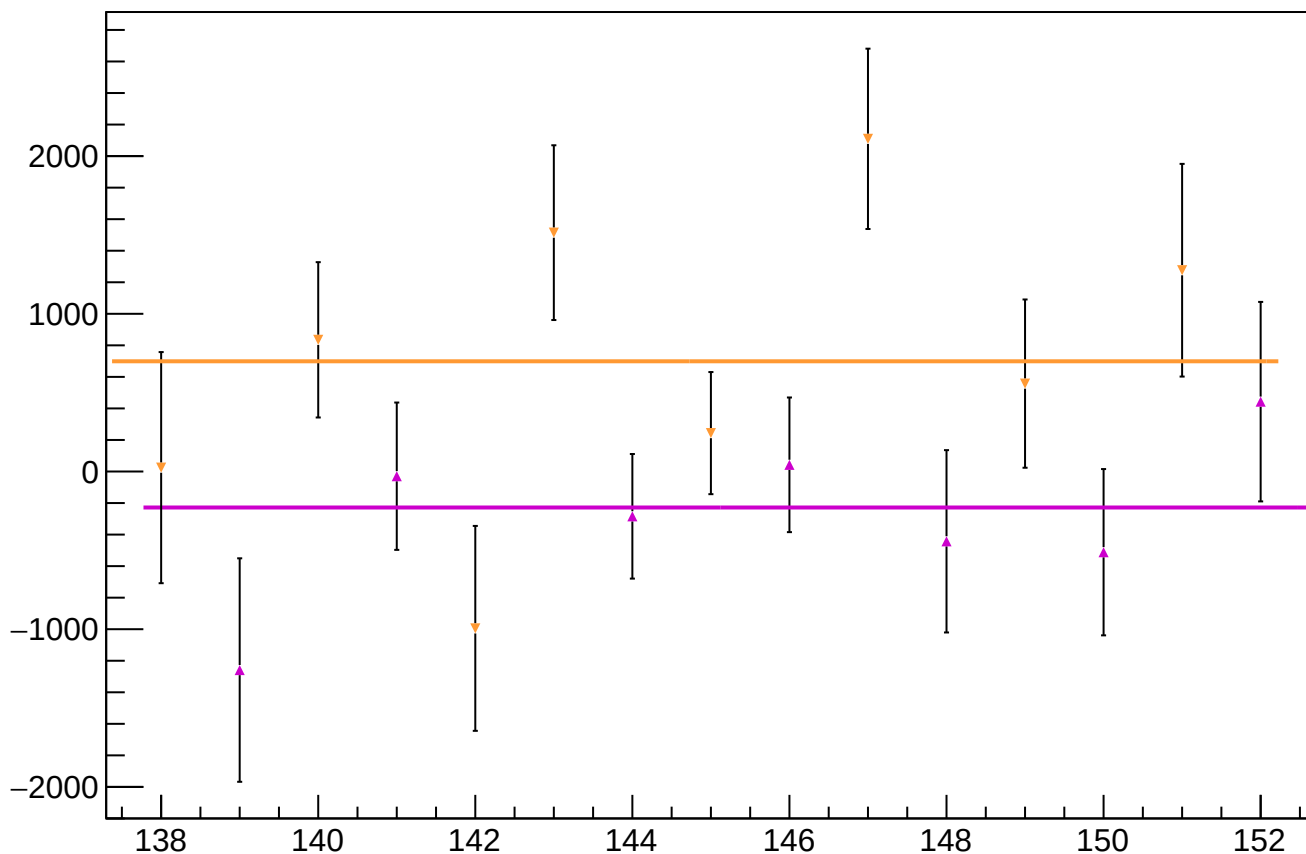
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.979+/-0.018 χ^2/NDF :47262.8/6

Out: 62.556+/-0.019 χ^2/NDF :339526.2/7

All: 62.260+/-0.013 χ^2/NDF : 387266.2/14

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: 698.899+/-192.255 χ^2/NDF :18.2/7

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: 231.052+/-135.316 χ^2/NDF : 34.2/14

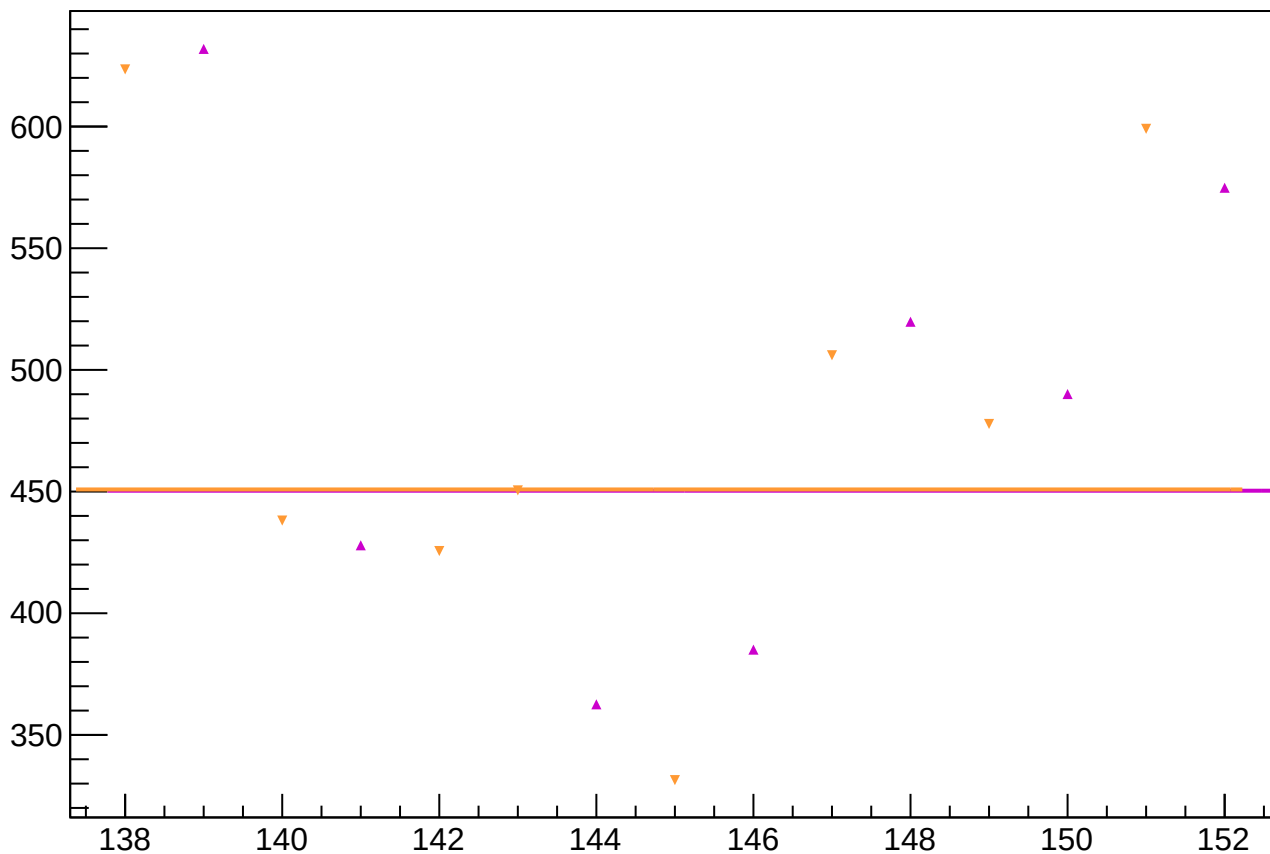
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -228.241+/-190.490 χ^2/NDF :4.3/6

Out: 698.899+/-192.255 χ^2/NDF :18.2/7

All: 231.052+/-135.316 χ^2/NDF : 34.2/14

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: 450.868+/-0.136 χ^2/NDF : 425970.0/7

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: 450.609+/-0.096 χ^2/NDF : 825115.1/14

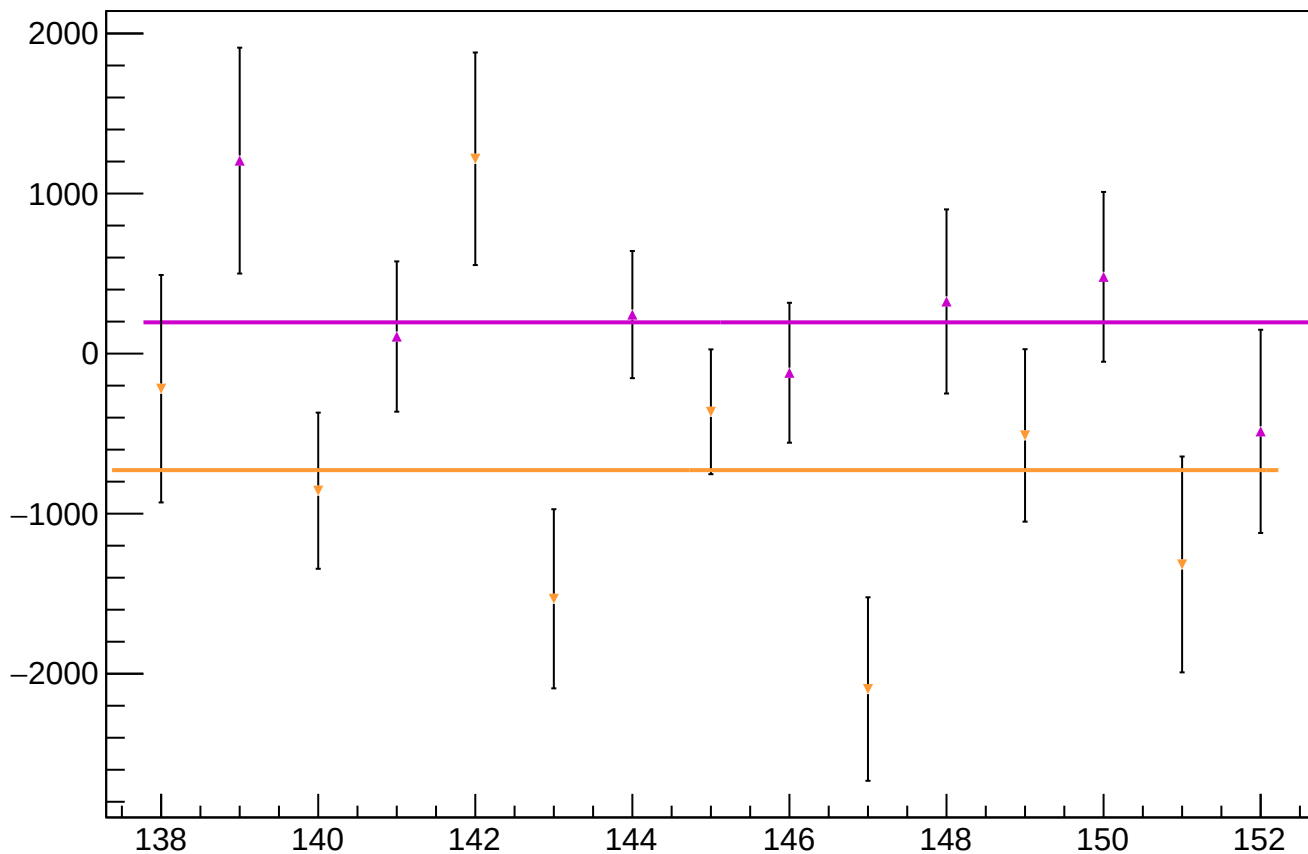
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 450.354+/-0.135 χ^2/NDF : 399137.9/6

Out: 450.868+/-0.136 χ^2/NDF : 425970.0/7

All: 450.609+/-0.096 χ^2/NDF : 825115.1/14

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -728.091+/-192.768 χ^2/NDF :18.7/7

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: -264.153+/-135.978 χ^2/NDF : 34.4/14

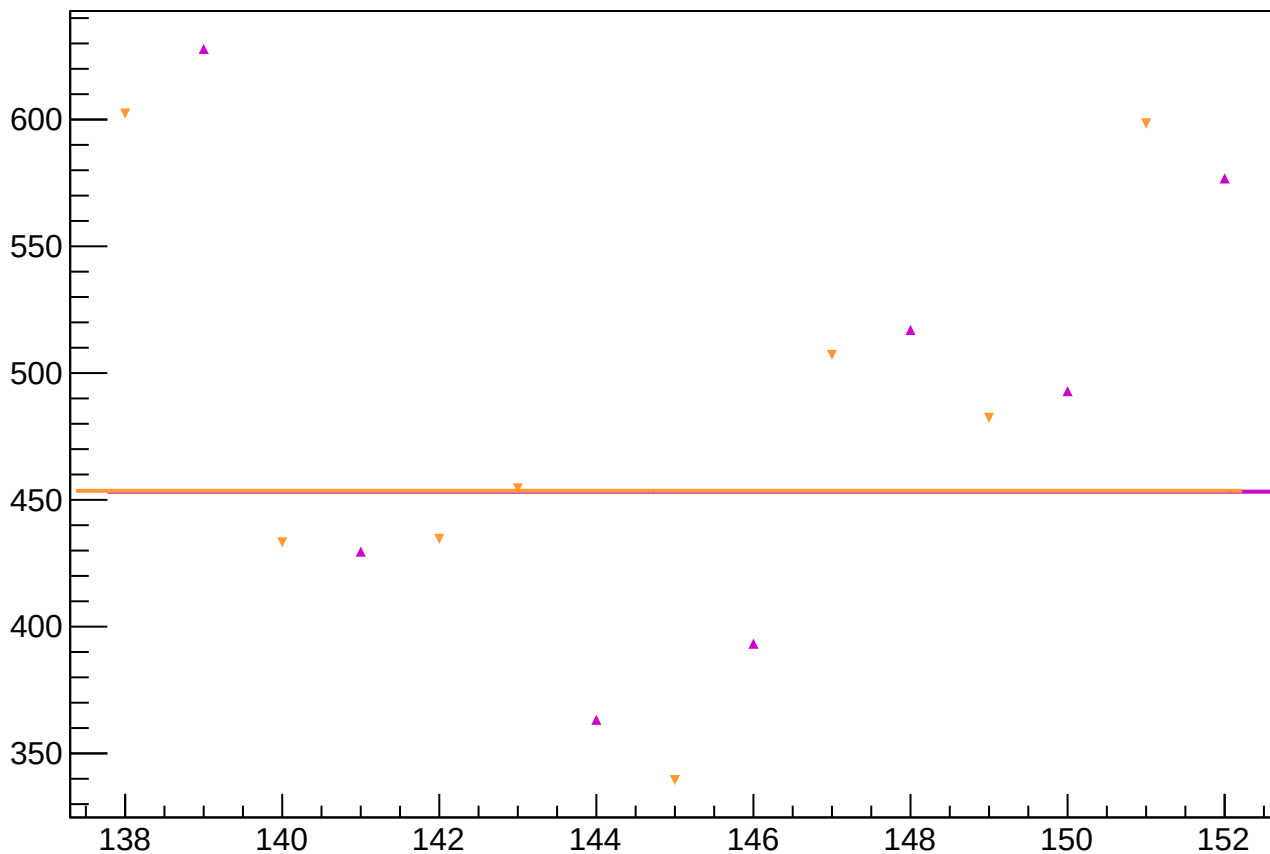
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.325+/-191.839 χ^2/NDF :4.1/6

Out: -728.091+/-192.768 χ^2/NDF :18.7/7

All: -264.153+/-135.978 χ^2/NDF : 34.4/14

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 453.566+/-0.136 χ^2/NDF : 379610.2/7

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: 453.396+/-0.096 χ^2/NDF : 758894.6/14

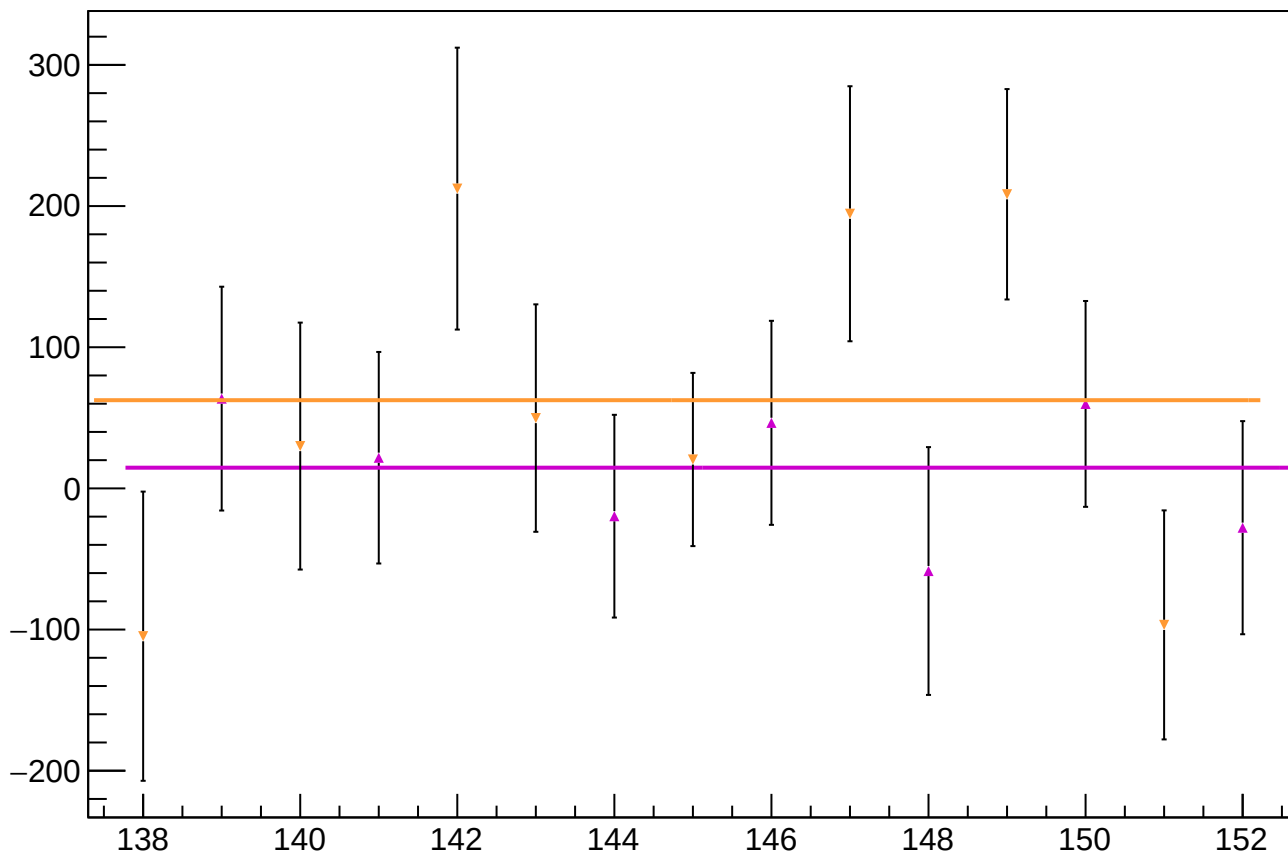
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Out: 453.566+/-0.136 χ^2/NDF : 379610.2/7

All: 453.396+/-0.096 χ^2/NDF : 758894.6/14

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 62.482 $\pm$ 28.861 χ^2 /NDF:15.4/7

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

Left In: 14.670 $\pm$ 28.678 χ^2 /NDF:2.2/6

Left: 38.424 $\pm$ 20.342 χ^2 /NDF: 19.0/14

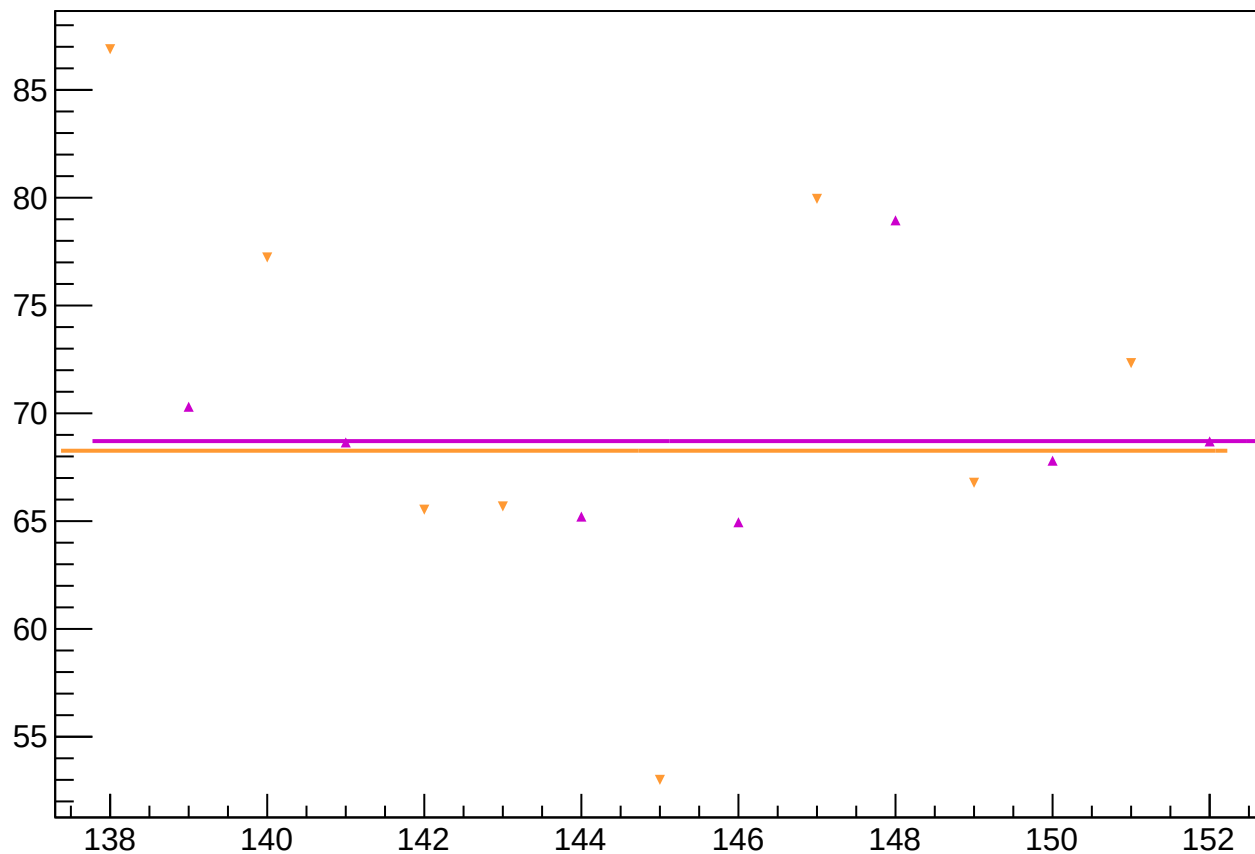
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 14.670 $\pm$ 28.678 χ^2 /NDF:2.2/6

Out: 62.482 $\pm$ 28.861 χ^2 /NDF:15.4/7

All: 38.424 $\pm$ 20.342 χ^2 /NDF: 19.0/14

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: 68.265+/-0.020 χ^2/NDF :253729.6/7

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: 68.490+/-0.014 χ^2/NDF : 292483.7/14

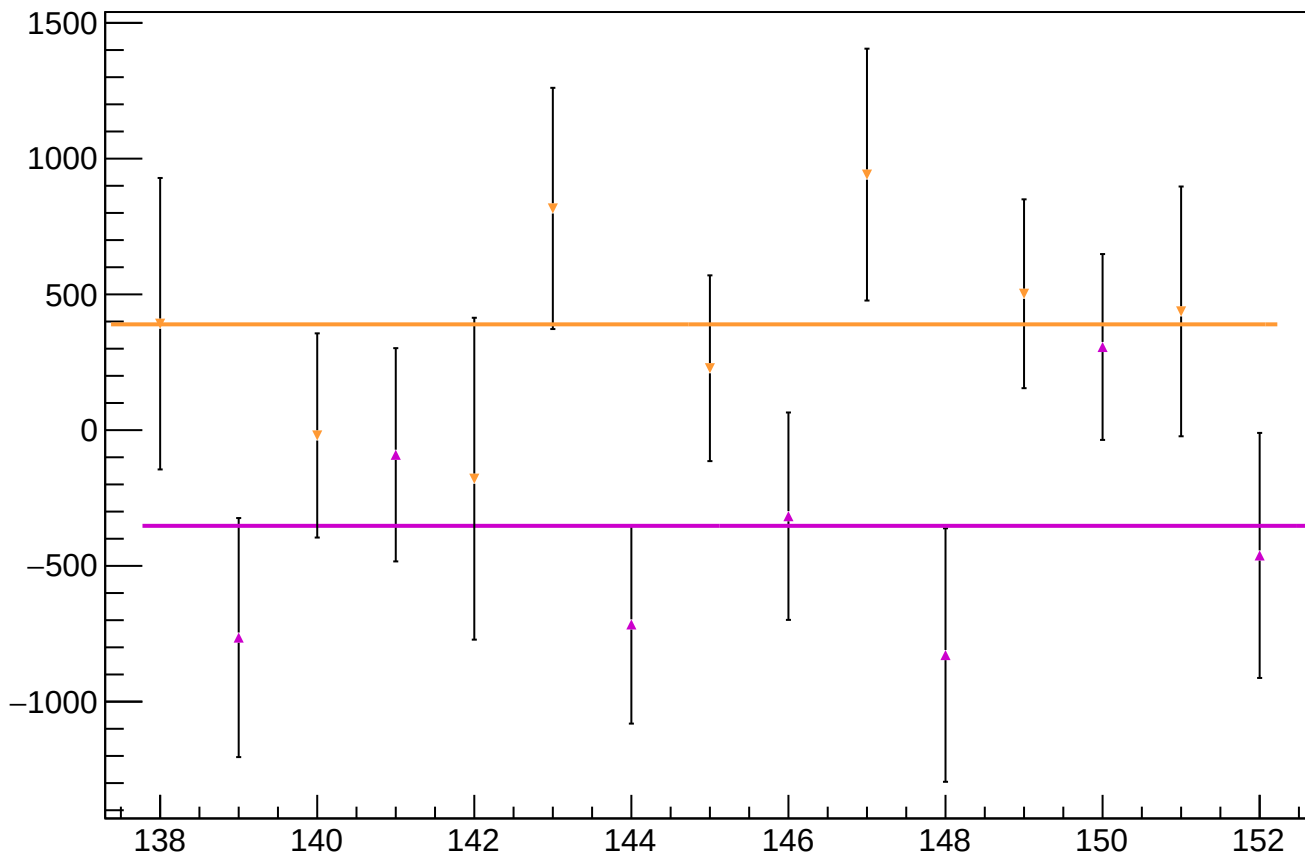
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 68.711+/-0.020 χ^2/NDF :38513.7/6

Out: 68.265+/-0.020 χ^2/NDF :253729.6/7

All: 68.490+/-0.014 χ^2/NDF : 292483.7/14

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: 389.629+/-149.667 χ^2/NDF : 4.8/7

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: 21.165+/-106.199 χ^2/NDF : 24.1/14

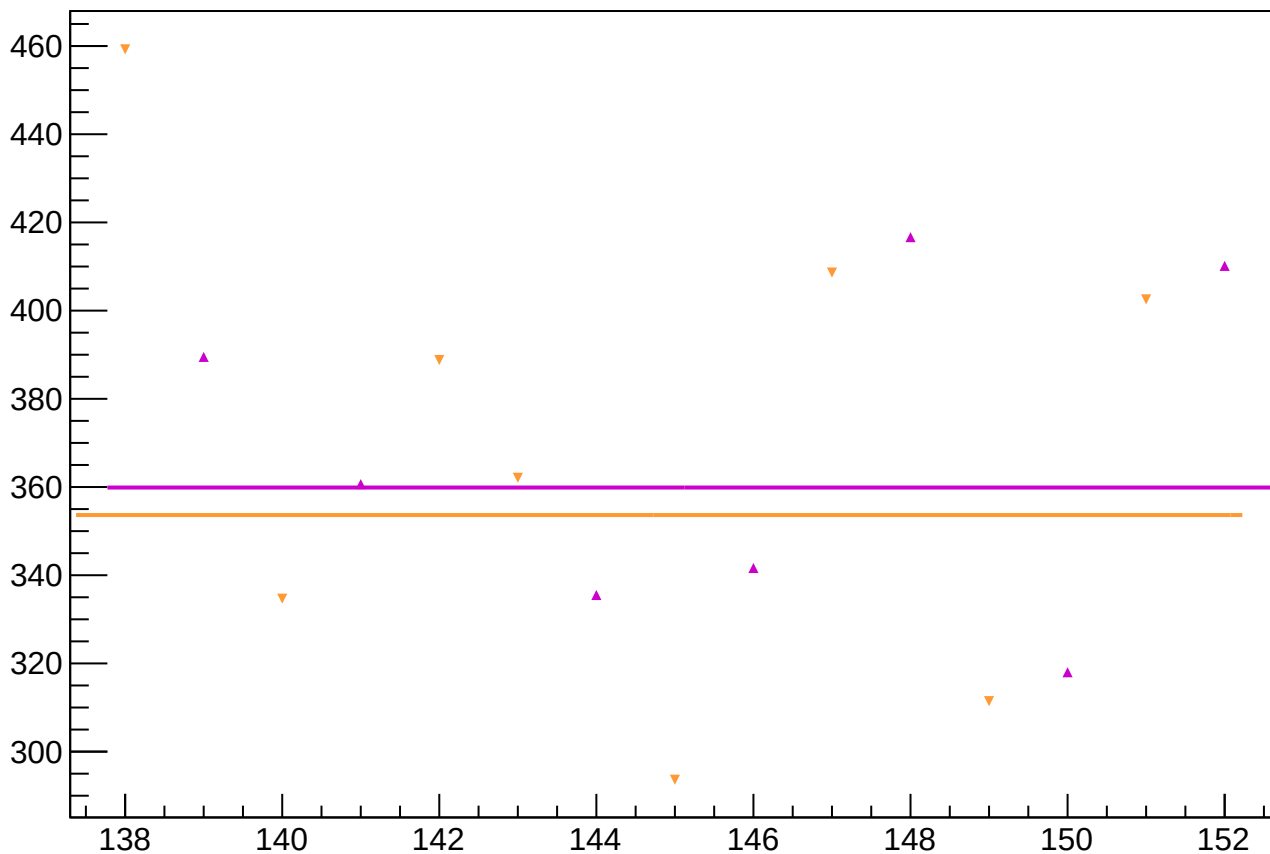
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -352.479+/-150.715 χ^2/NDF : 7.1/6

Out: 389.629+/-149.667 χ^2/NDF : 4.8/7

All: 21.165+/-106.199 χ^2/NDF : 24.1/14

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: 353.650+/-0.106 χ^2/NDF :231985.3/7

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: 356.746+/-0.075 χ^2/NDF : 340574.7/14

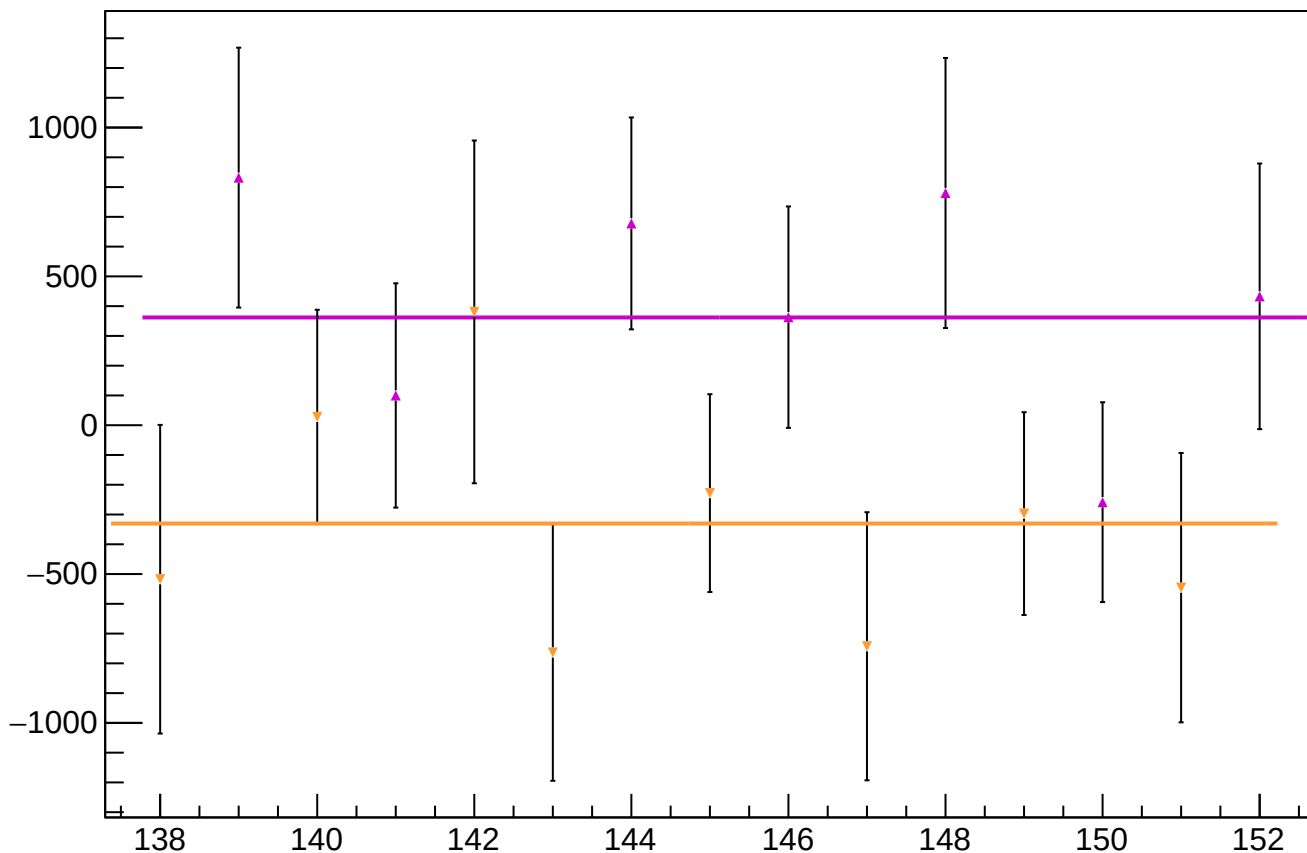
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.886+/-0.107 χ^2/NDF :106865.3/6

Out: 353.650+/-0.106 χ^2/NDF :231985.3/7

All: 356.746+/-0.075 χ^2/NDF : 340574.7/14

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -330.166+/-145.369 χ^2/NDF : 4.8/7

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: 11.661+/-103.422 χ^2/NDF : 22.7/14

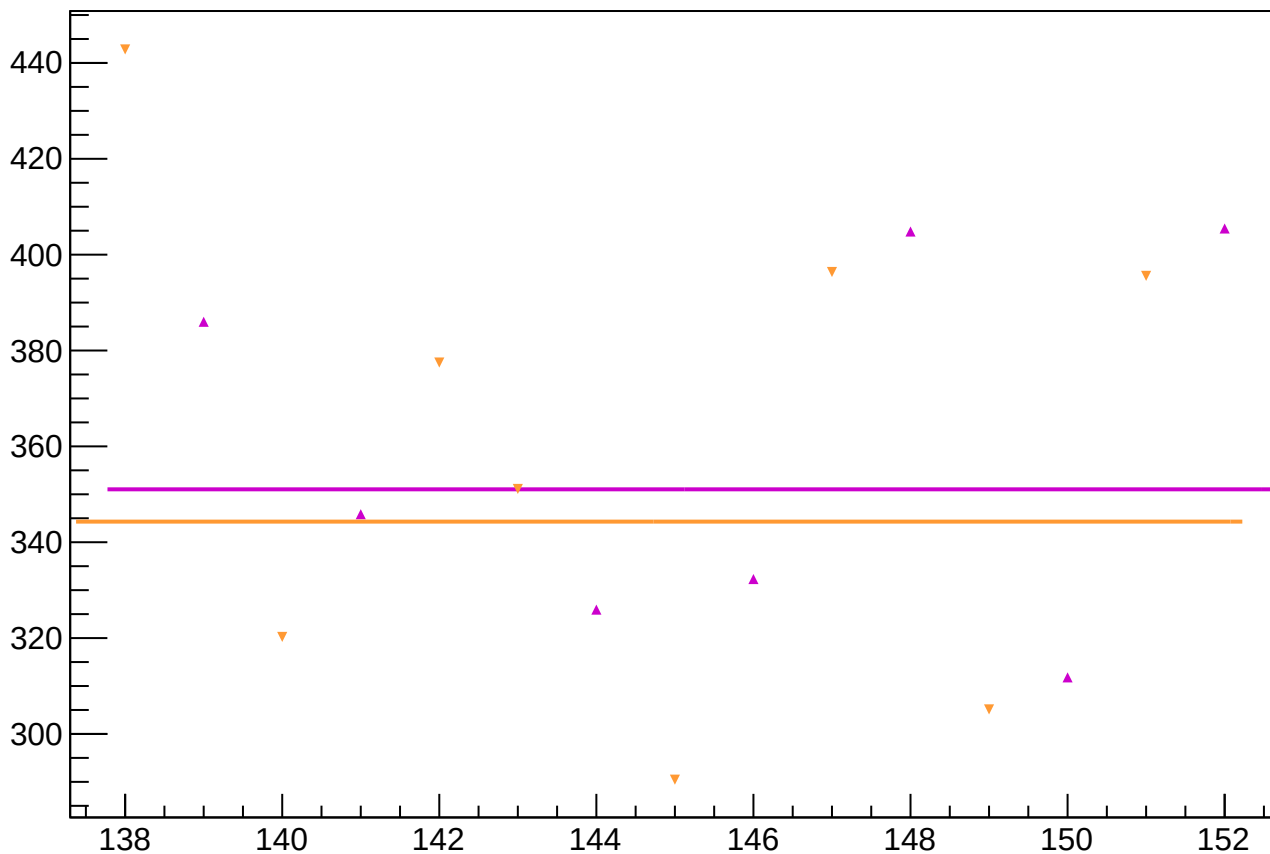
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Out: -330.166+/-145.369 χ^2/NDF : 4.8/7

All: 11.661+/-103.422 χ^2/NDF : 22.7/14

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 344.302+/-0.103 χ^2/NDF :219697.6/7

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: 347.628+/-0.073 χ^2/NDF : 335226.1/14

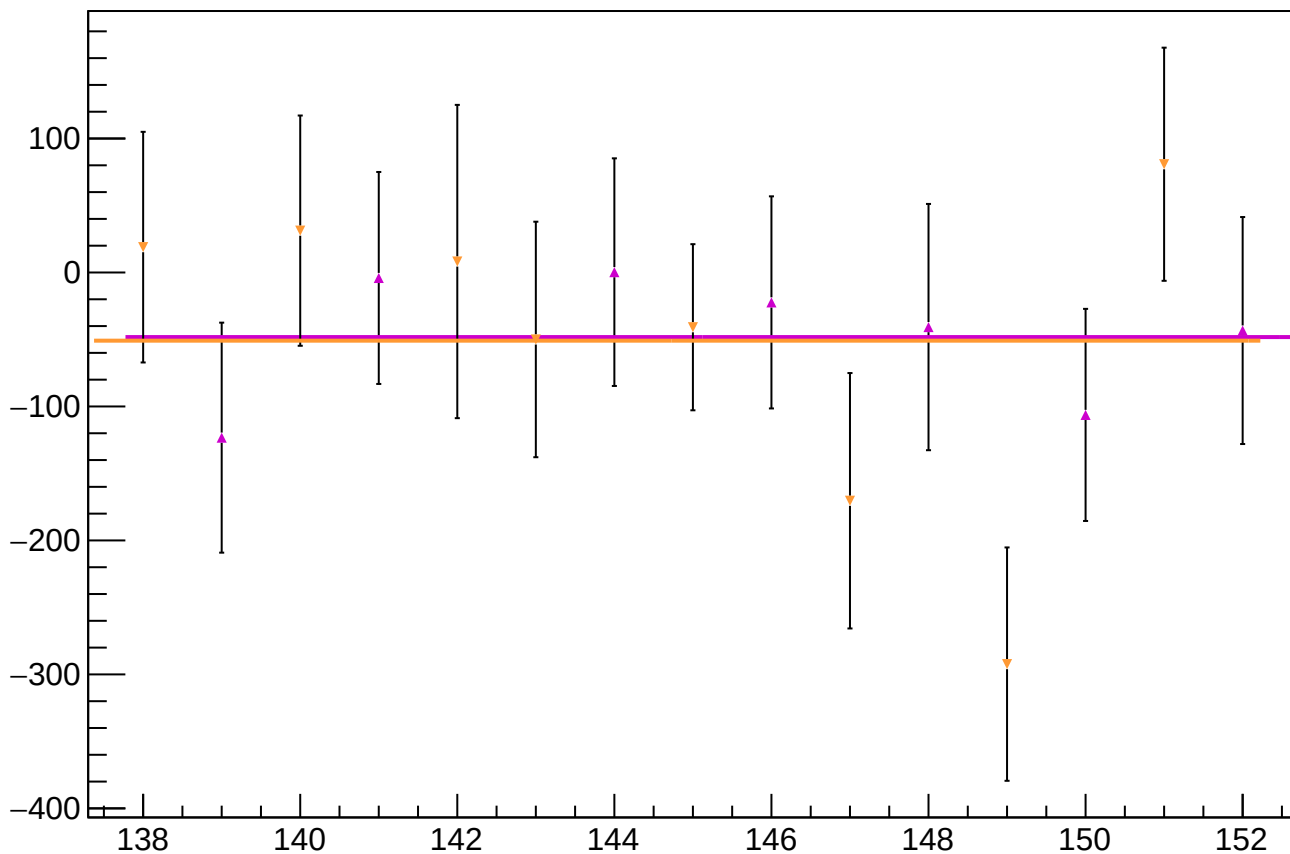
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Out: 344.302+/-0.103 χ^2/NDF :219697.6/7

All: 347.628+/-0.073 χ^2/NDF : 335226.1/14

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: -50.888+/-30.055 χ^2/NDF :13.4/7

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: -49.610+/-21.729 χ^2/NDF : 15.5/14

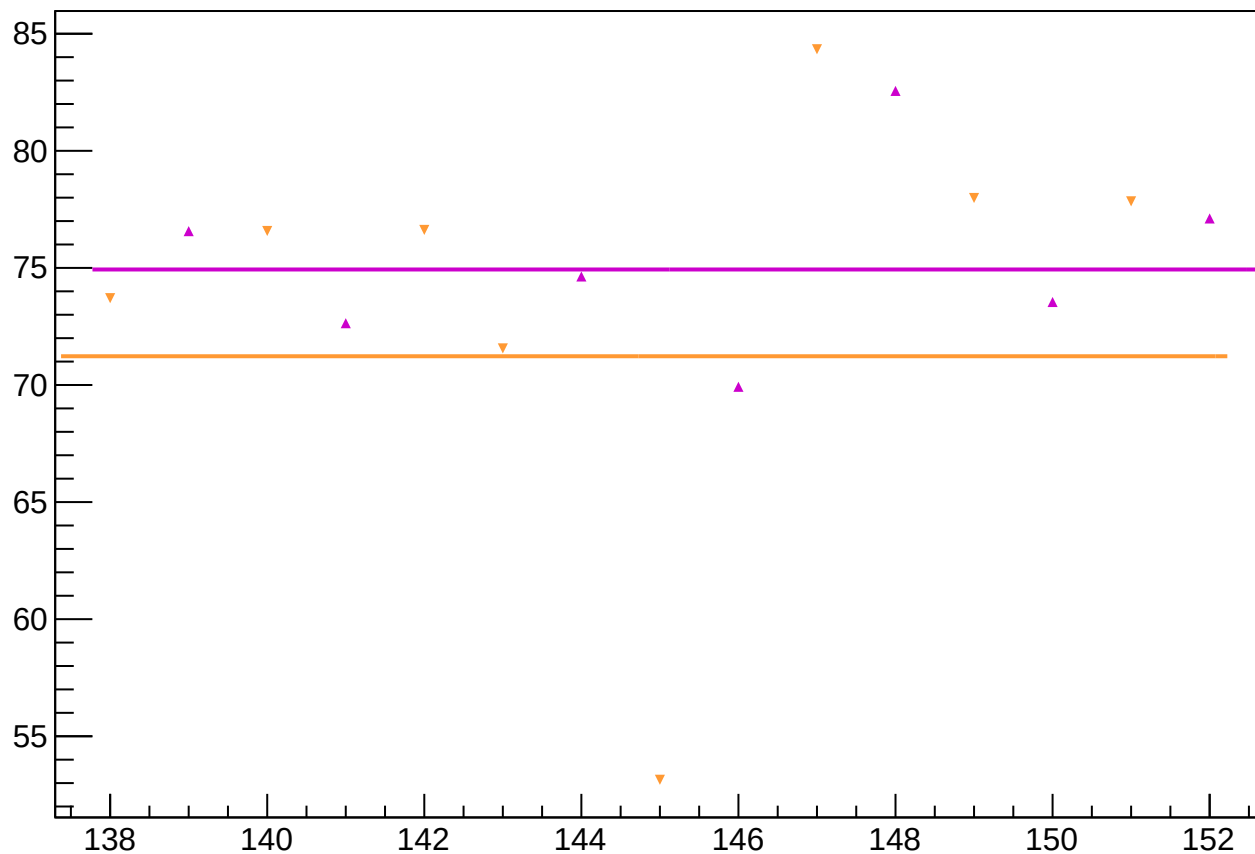
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.210+/-31.452 χ^2/NDF :2.1/6

Out: -50.888+/-30.055 χ^2/NDF :13.4/7

All: -49.610+/-21.729 χ^2/NDF : 15.5/14

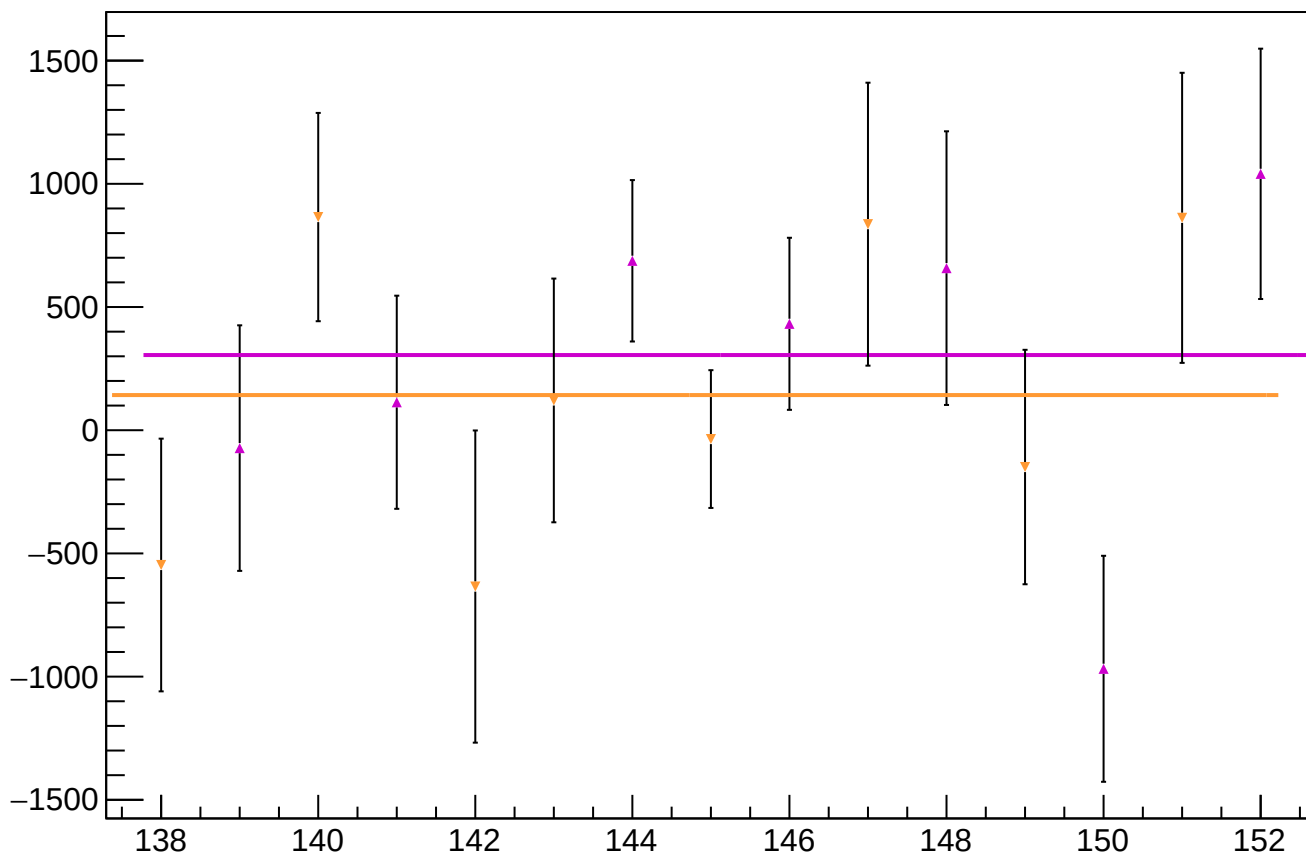
dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 71.228+/-0.021 χ^2/NDF :245309.5/7
 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: 72.996+/-0.015 χ^2/NDF : 285965.9/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 74.933+/-0.022 χ^2/NDF :26148.5/6
 Out: 71.228+/-0.021 χ^2/NDF :245309.5/7
 All: 72.996+/-0.015 χ^2/NDF : 285965.9/14

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: 142.647+/-159.893 χ^2/NDF :10.0/7

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: 223.508+/-113.311 χ^2/NDF : 23.0/14

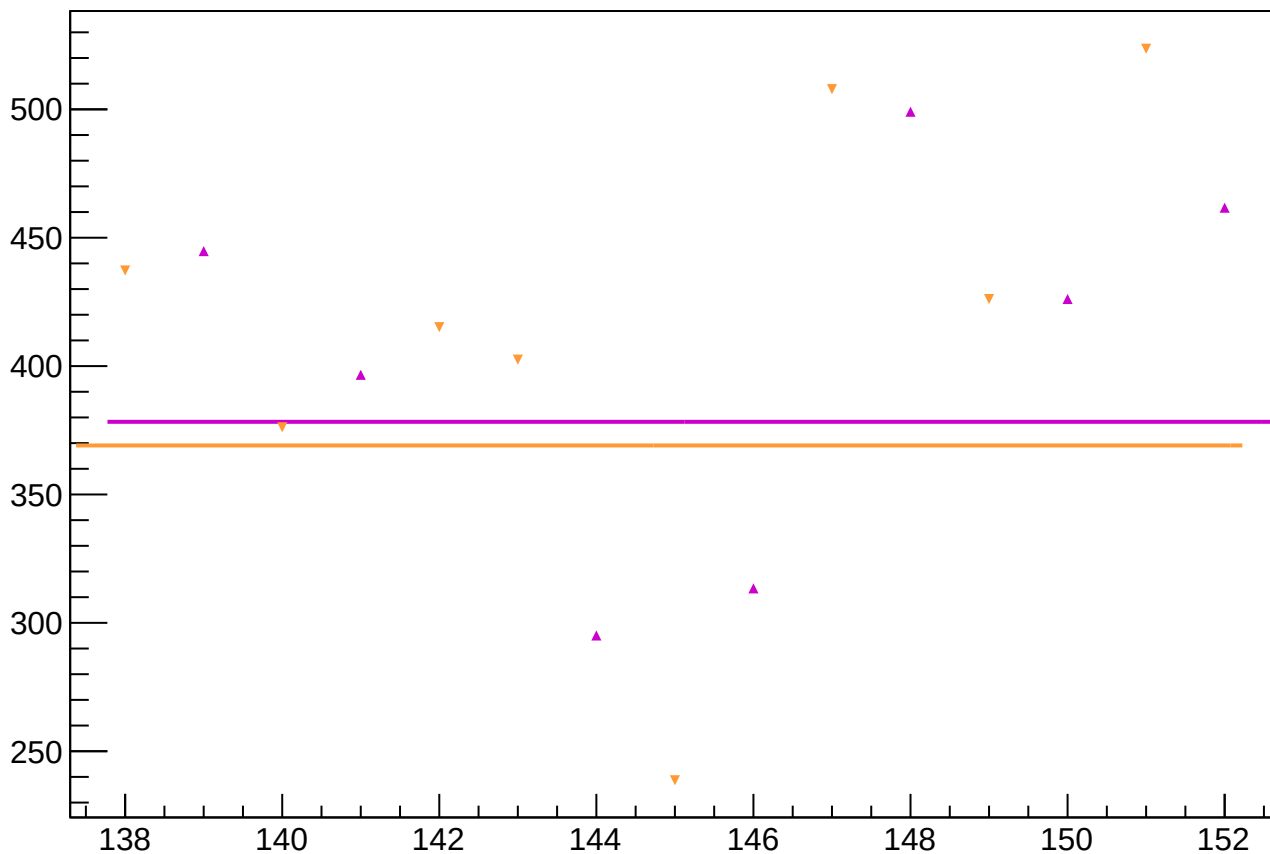
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 305.085+/-160.600 χ^2/NDF :12.5/6

Out: 142.647+/-159.893 χ^2/NDF :10.0/7

All: 223.508+/-113.311 χ^2/NDF : 23.0/14

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: 369.097+/-0.113 χ^2/NDF : 774247.2/7

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: 373.680+/-0.080 χ^2/NDF : 1185153.9/14

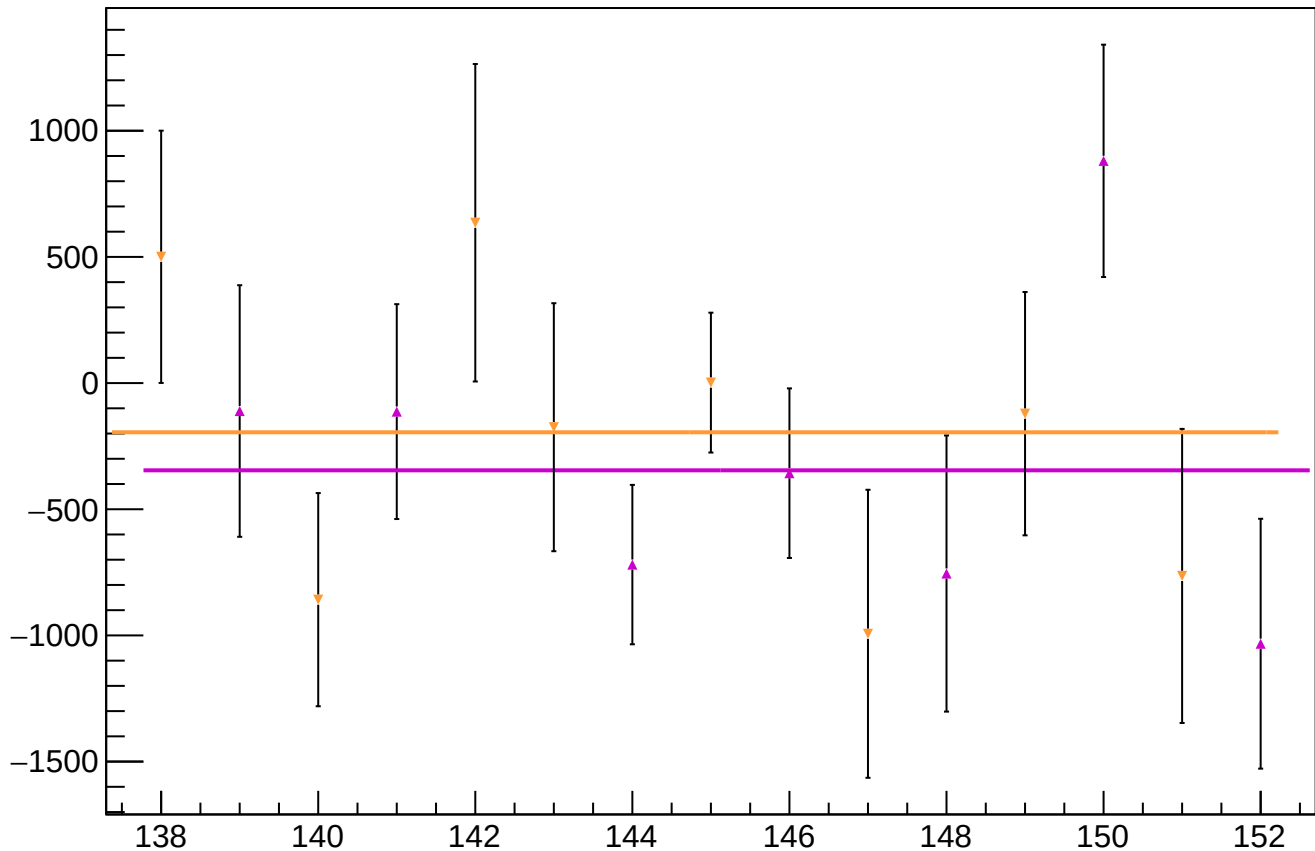
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.303+/-0.114 χ^2/NDF : 407606.4/6

Out: 369.097+/-0.113 χ^2/NDF : 774247.2/7

All: 373.680+/-0.080 χ^2/NDF : 1185153.9/14

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -194.980+/-158.887 χ^2/NDF : 9.6/7

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: -271.238+/-111.688 χ^2/NDF : 21.5/14

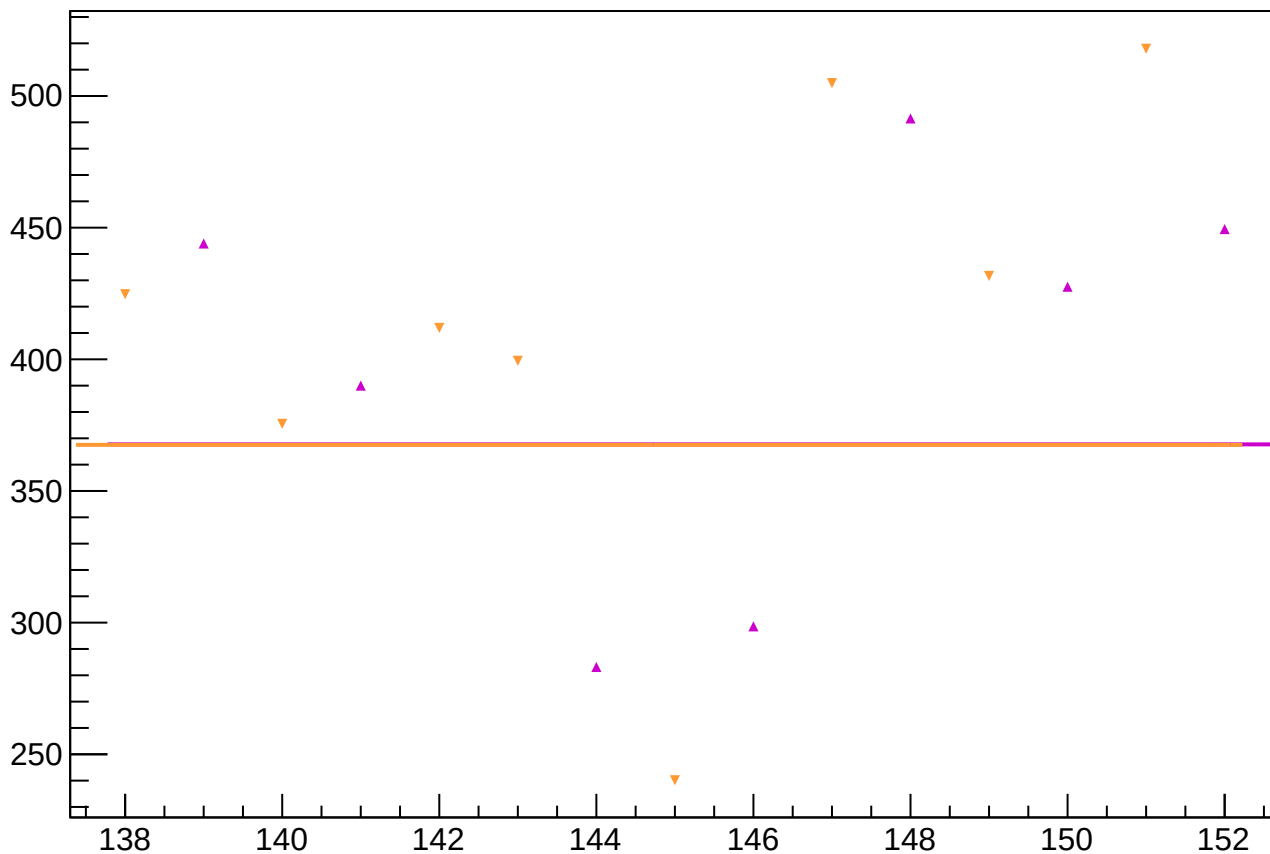
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Out: -194.980+/-158.887 χ^2/NDF : 9.6/7

All: -271.238+/-111.688 χ^2/NDF : 21.5/14

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 367.517+/-0.112 χ^2/NDF : 752484.0/7

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: 367.609+/-0.079 χ^2/NDF : 1223336.6/14

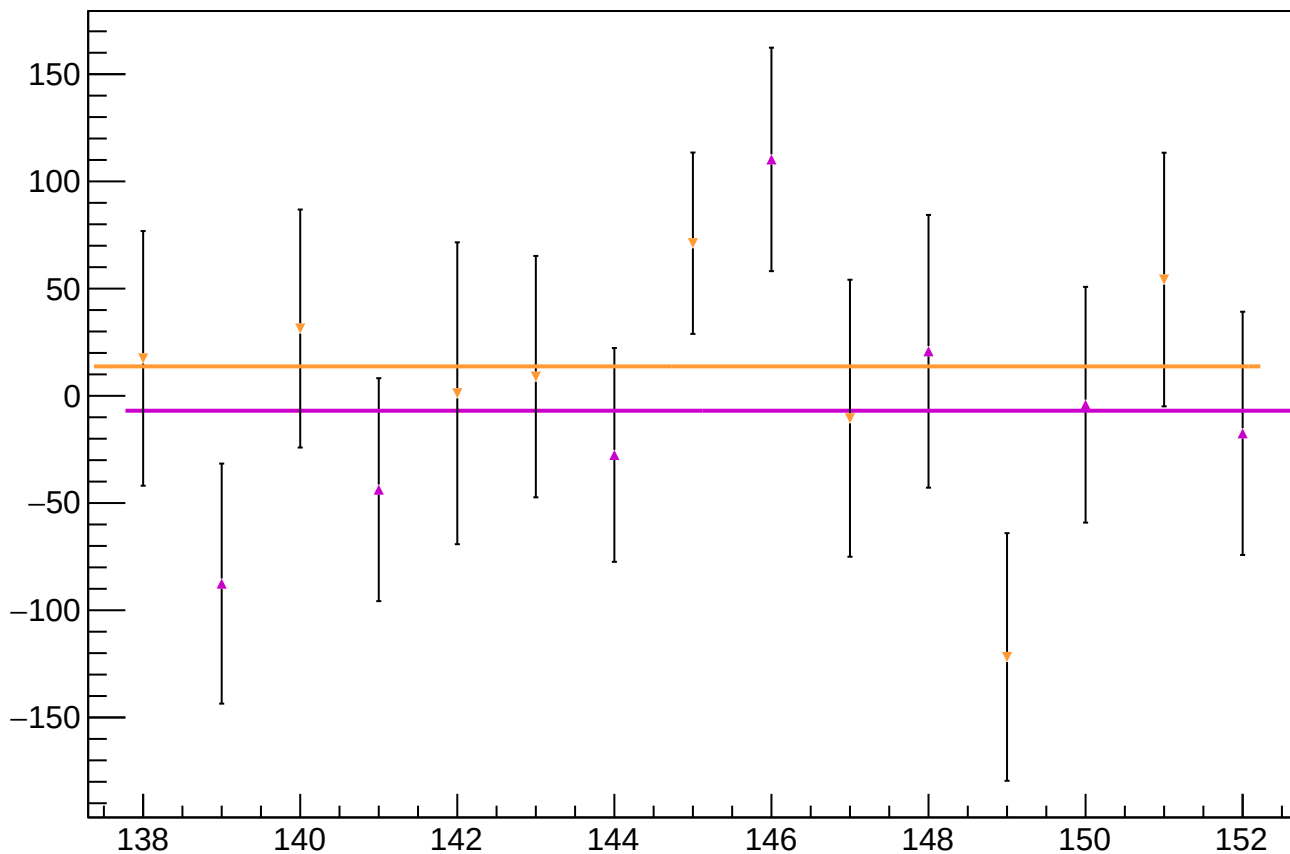
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Out: 367.517+/-0.112 χ^2/NDF : 752484.0/7

All: 367.609+/-0.079 χ^2/NDF : 1223336.6/14

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: 13.732+/-19.959 χ^2/NDF : 8.1/7

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: 3.738+/-14.346 χ^2/NDF : 16.7/14

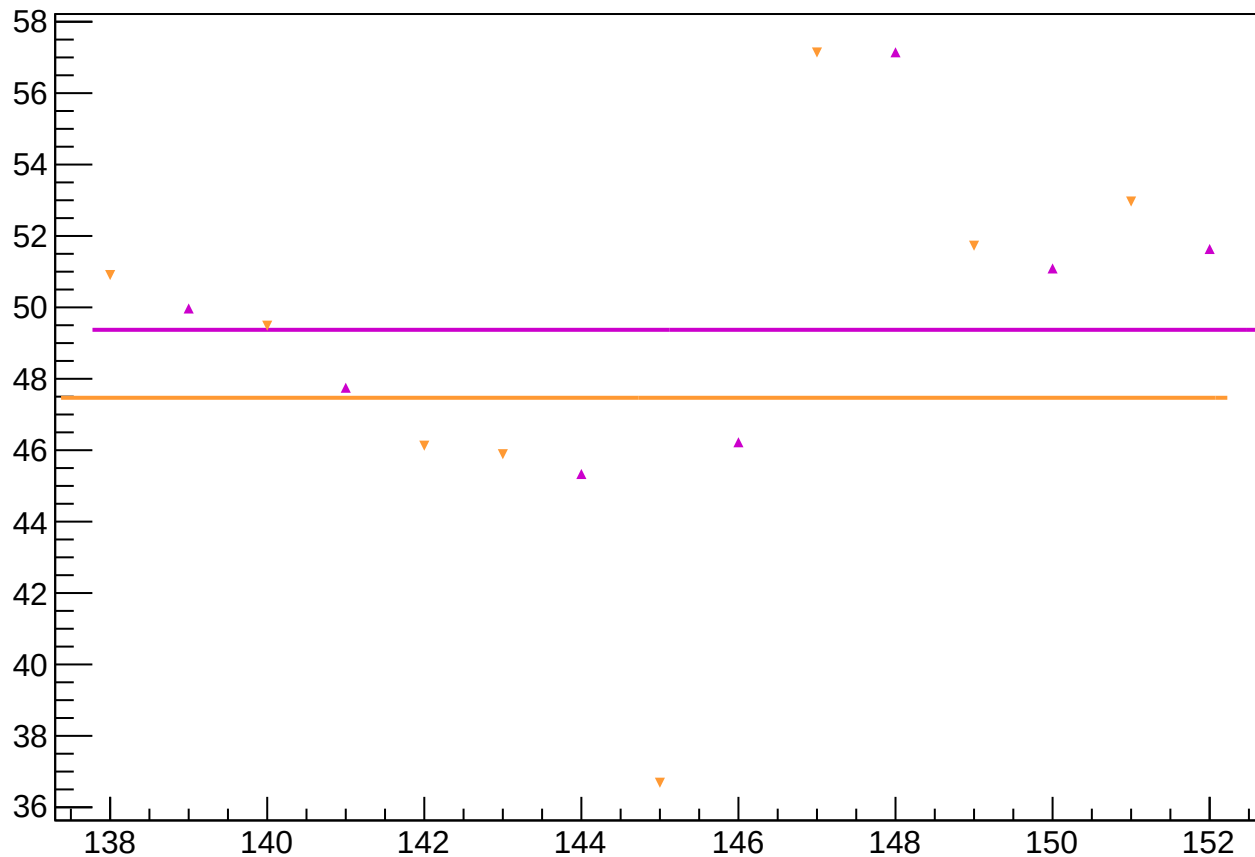
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.944+/-20.633 χ^2/NDF : 8.0/6

Out: 13.732+/-19.959 χ^2/NDF : 8.1/7

All: 3.738+/-14.346 χ^2/NDF : 16.7/14

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 47.468+/-0.014 χ^2/NDF : 214577.1/7

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

Left In: 49.372+/-0.015 χ^2/NDF : 57611.5/6

Left: 48.388+/-0.010 χ^2/NDF : 280982.2/14

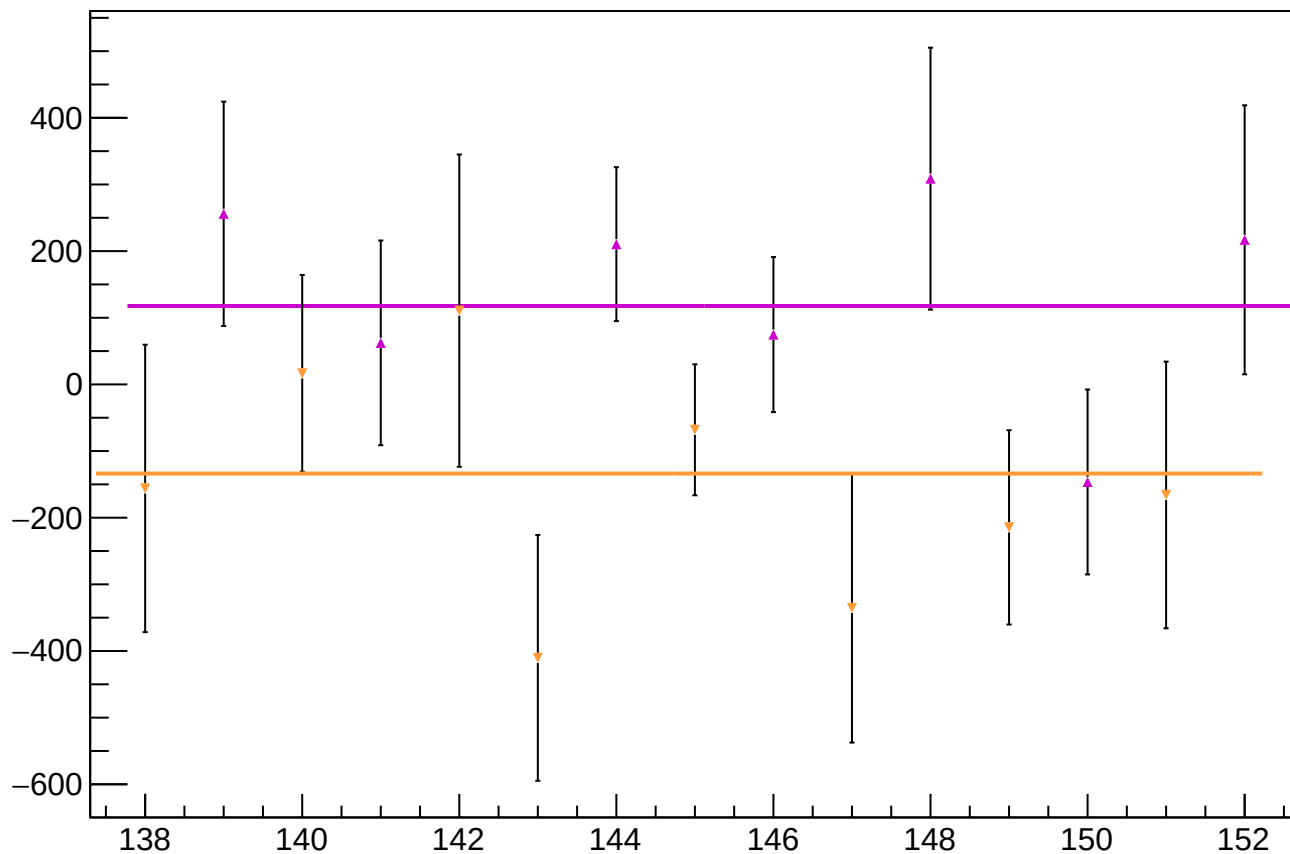
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.372+/-0.015 χ^2/NDF : 57611.5/6

Out: 47.468+/-0.014 χ^2/NDF : 214577.1/7

All: 48.388+/-0.010 χ^2/NDF : 280982.2/14

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: -133.754+/-56.333 χ^2/NDF : 6.2/7

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: -5.350+/-39.403 χ^2/NDF : 22.7/14

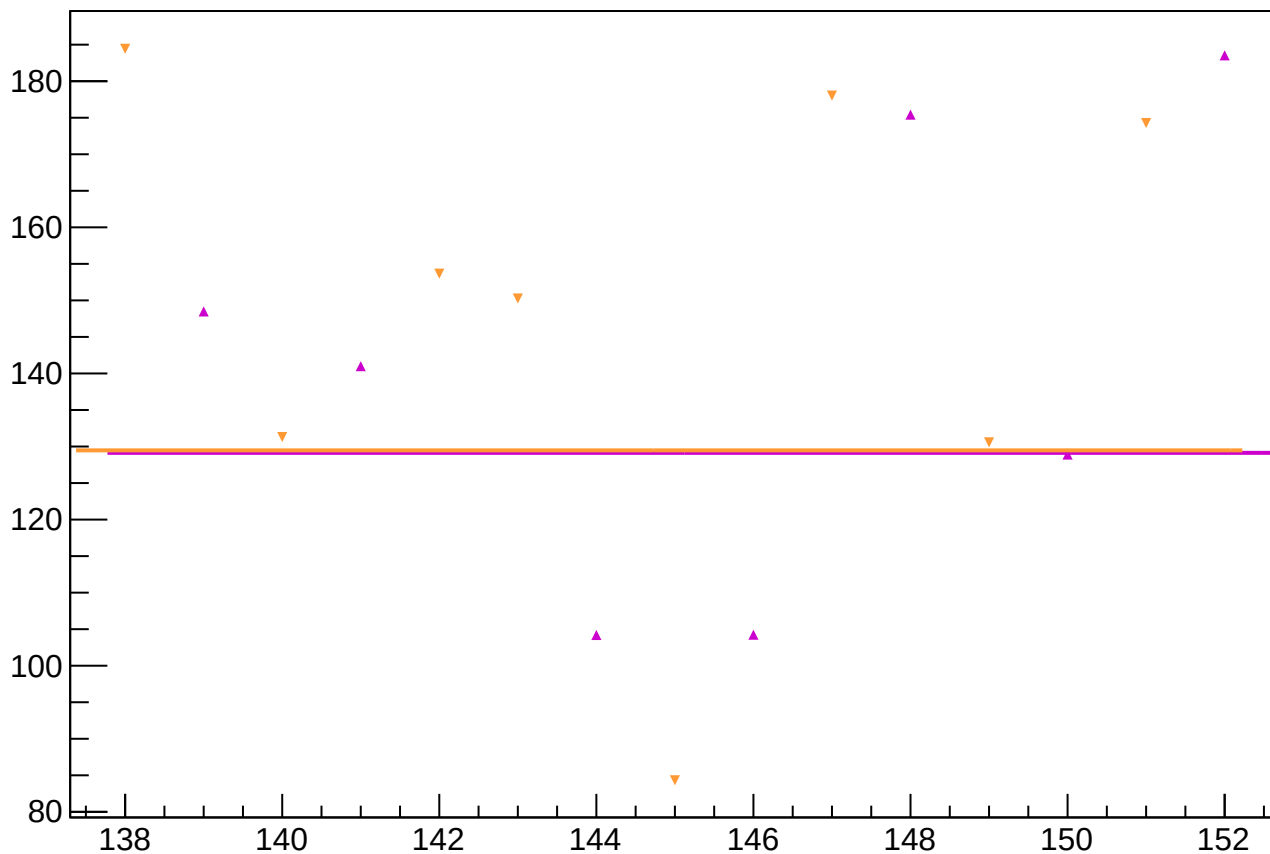
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.648+/-55.135 χ^2/NDF : 6.4/6

Out: -133.754+/-56.333 χ^2/NDF : 6.2/7

All: -5.350+/-39.403 χ^2/NDF : 22.7/14

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: 129.475+/-0.040 χ^2/NDF : 815221.4/7

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: 129.301+/-0.028 χ^2/NDF : 1294717.5/14

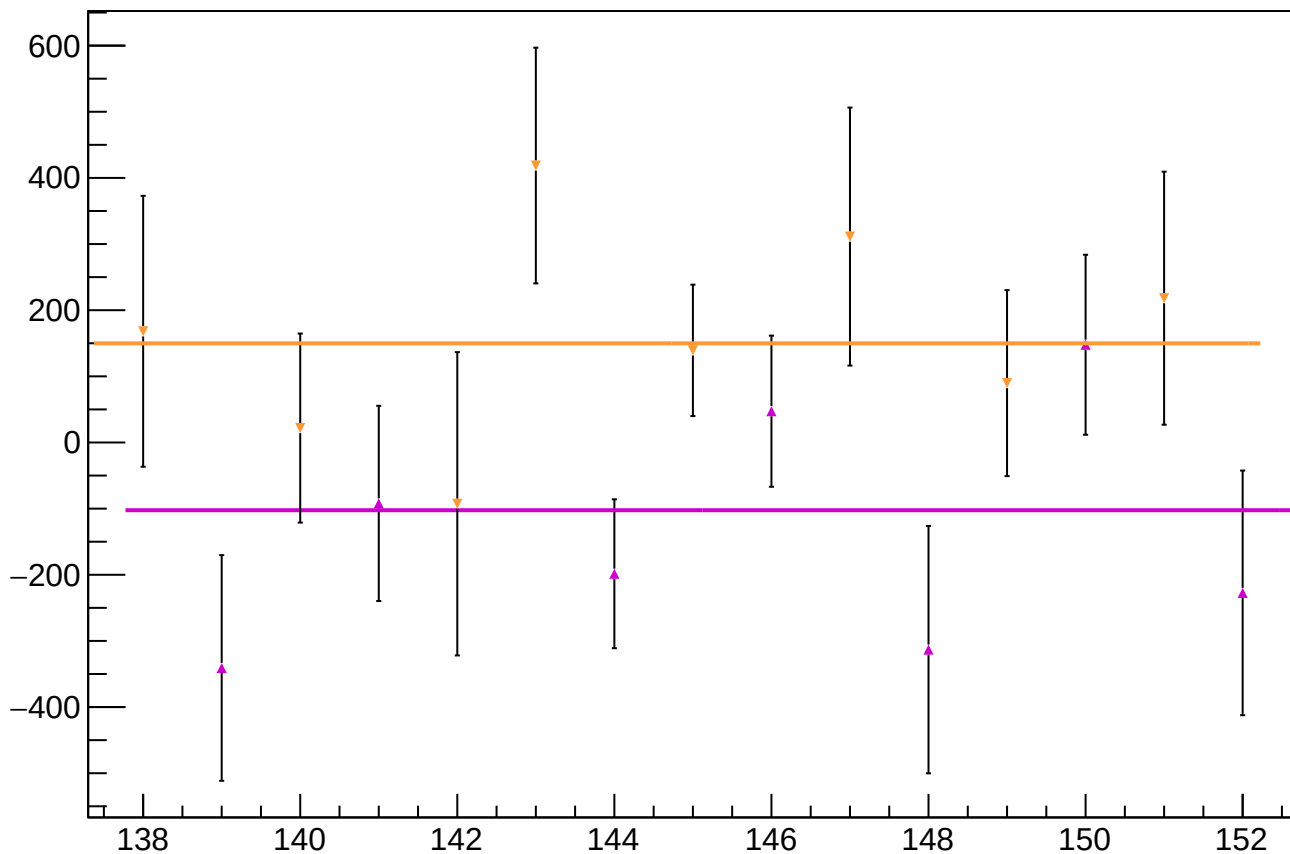
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 129.134+/-0.039 χ^2/NDF : 479458.5/6

Out: 129.475+/-0.040 χ^2/NDF : 815221.4/7

All: 129.301+/-0.028 χ^2/NDF : 1294717.5/14

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 149.903+/-55.137 χ^2/NDF : 5.2/7

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: 20.257+/-38.444 χ^2/NDF : 25.5/14

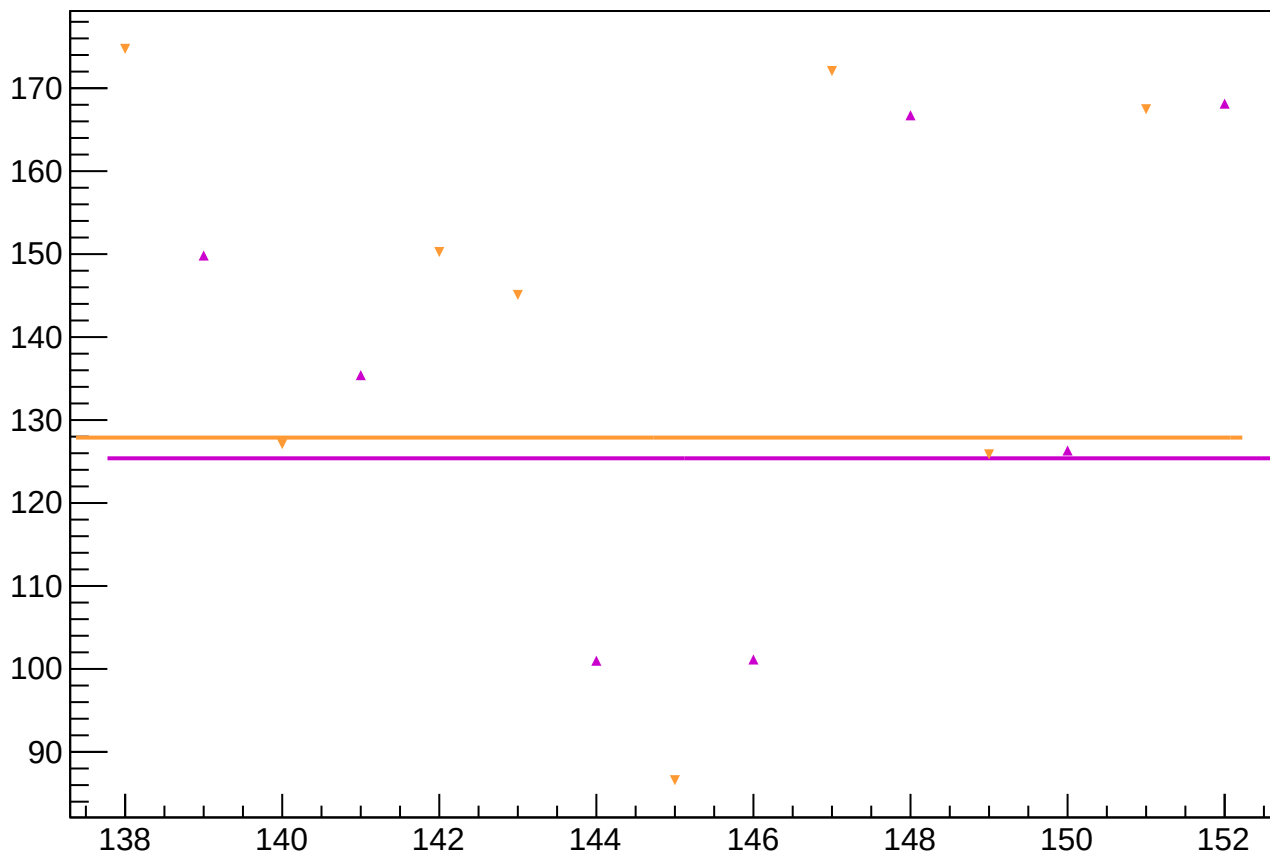
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Out: 149.903+/-55.137 χ^2/NDF : 5.2/7

All: 20.257+/-38.444 χ^2/NDF : 25.5/14

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 127.886+/-0.039 χ^2/NDF :676815.0/7

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: 126.603+/-0.027 χ^2/NDF : 1117995.8/14

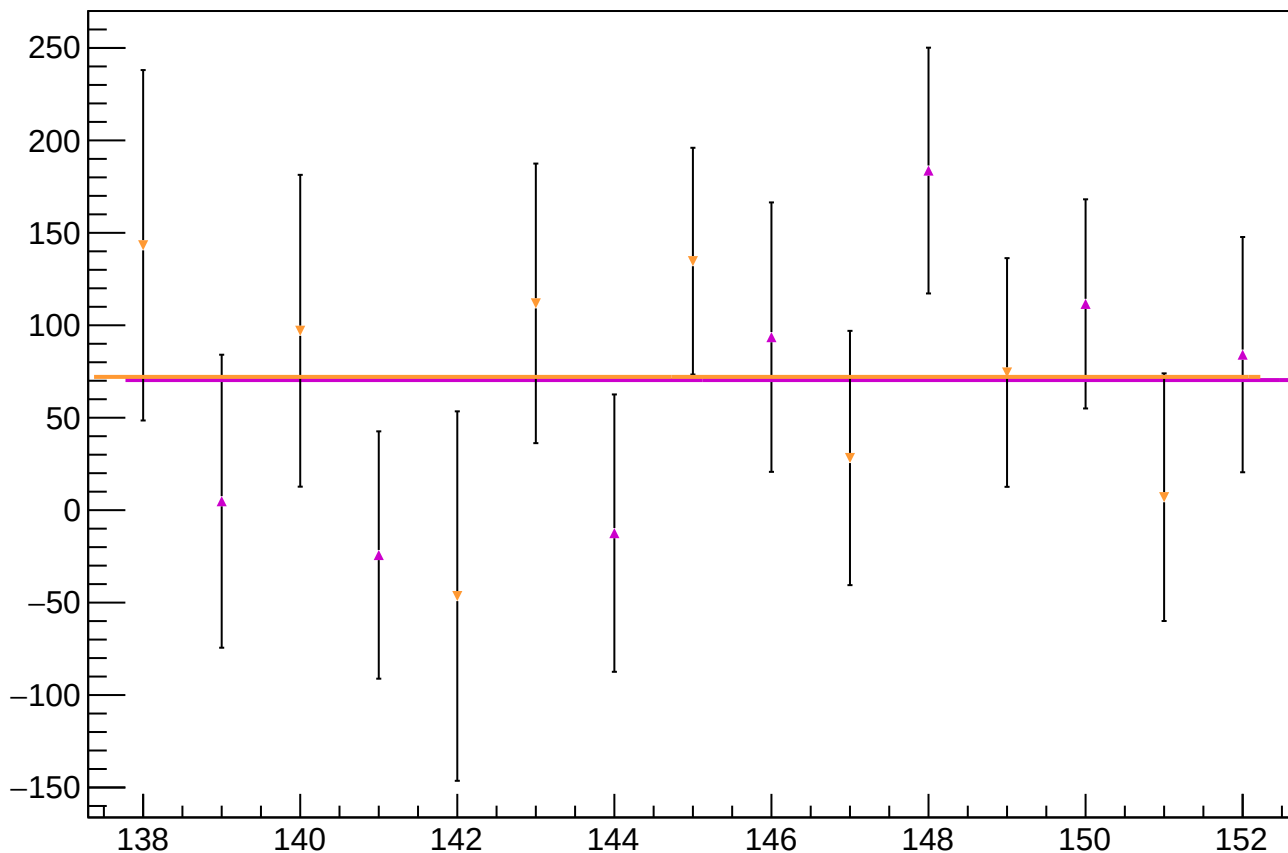
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 125.389+/-0.038 χ^2/NDF :439072.7/6

Out: 127.886+/-0.039 χ^2/NDF :676815.0/7

All: 126.603+/-0.027 χ^2/NDF : 1117995.8/14

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: 72.089 $\pm$ 25.917 χ^2 /NDF:4.7/7

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: 71.214 $\pm$ 18.186 χ^2 /NDF: 12.2/14

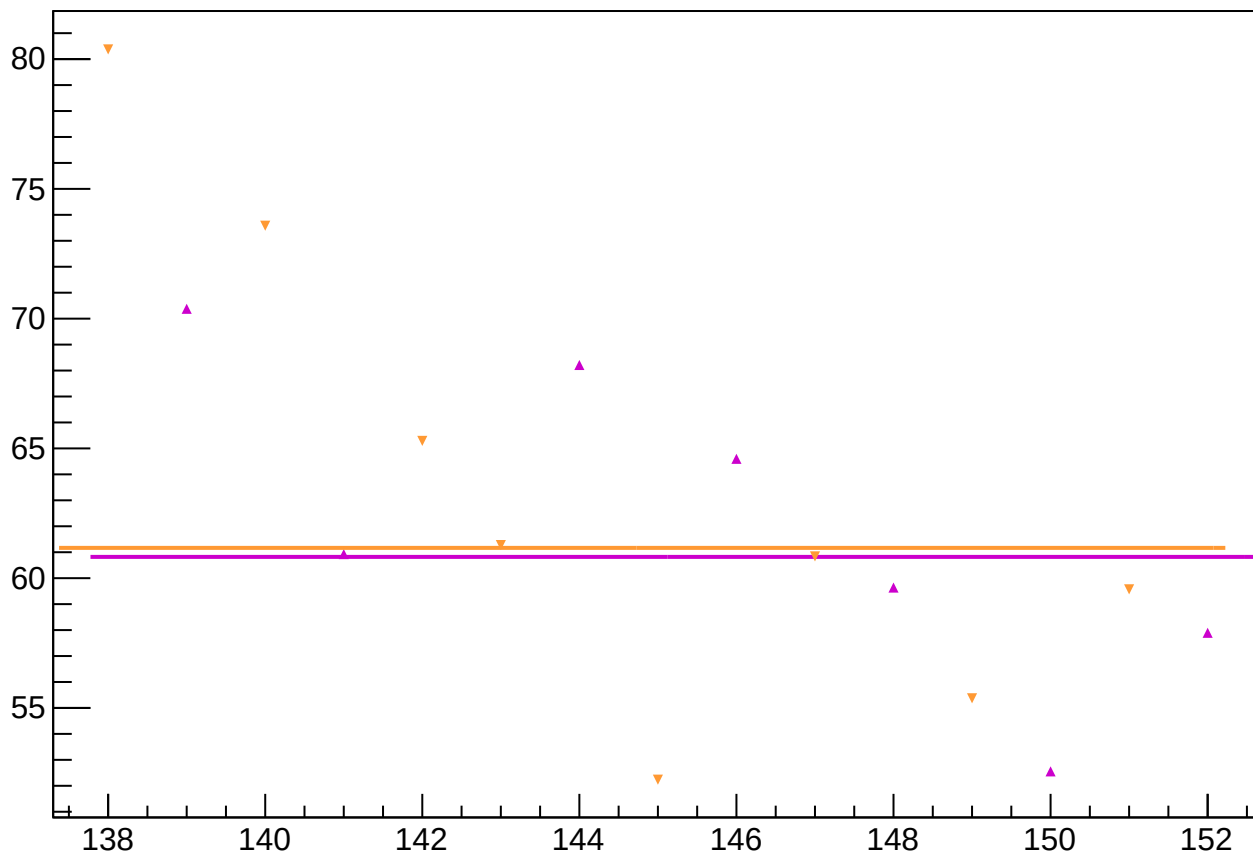
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 70.366 $\pm$ 25.526 χ^2 /NDF:7.5/6

Out: 72.089 $\pm$ 25.917 χ^2 /NDF:4.7/7

All: 71.214 $\pm$ 18.186 χ^2 /NDF: 12.2/14

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 61.167+/-0.018 χ^2/NDF :190068.3/7

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: 60.991+/-0.013 χ^2/NDF : 291730.7/14

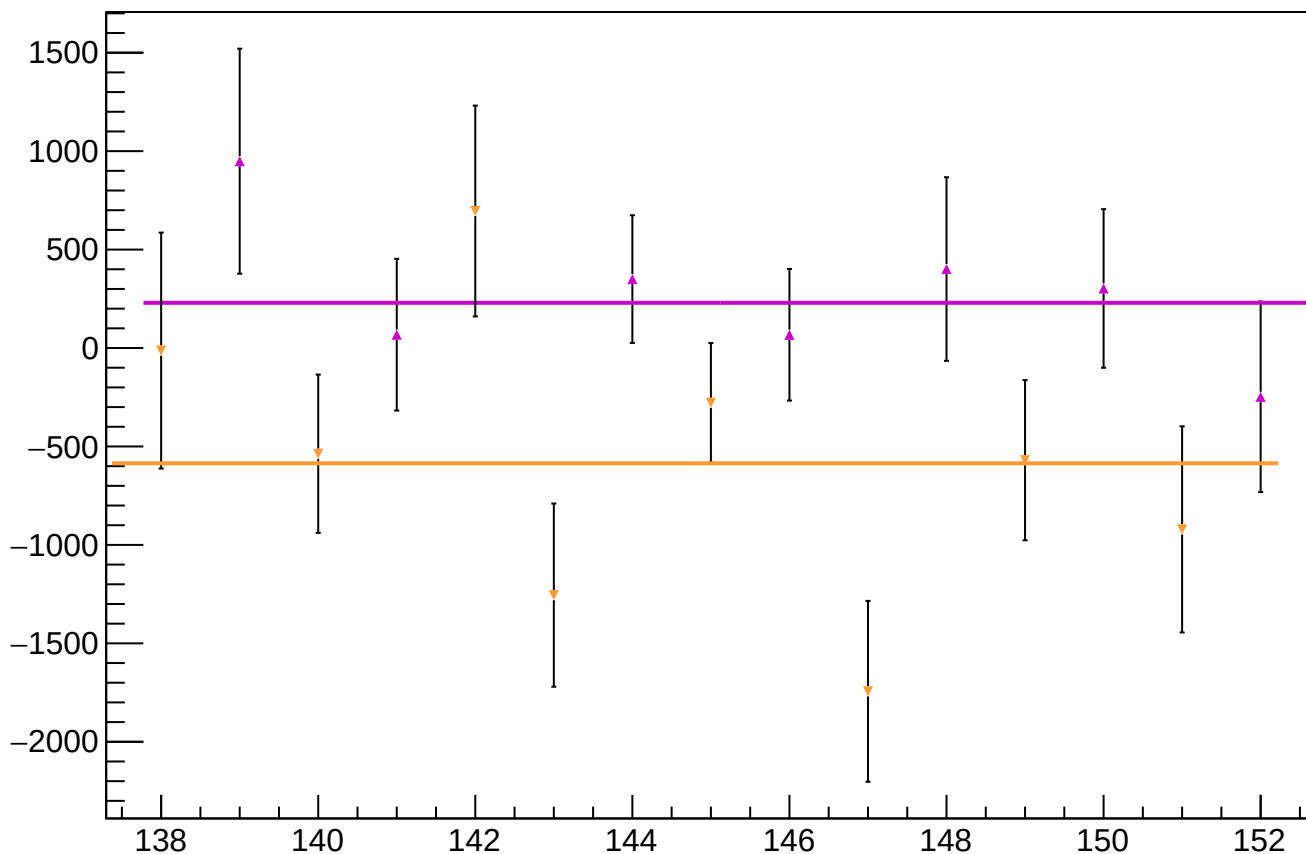
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.820+/-0.018 χ^2/NDF :101480.0/6

Out: 61.167+/-0.018 χ^2/NDF :190068.3/7

All: 60.991+/-0.013 χ^2/NDF : 291730.7/14

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -585.604+/-153.613 χ^2/NDF :16.5/7

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: -173.608+/-108.047 χ^2/NDF : 34.0/14

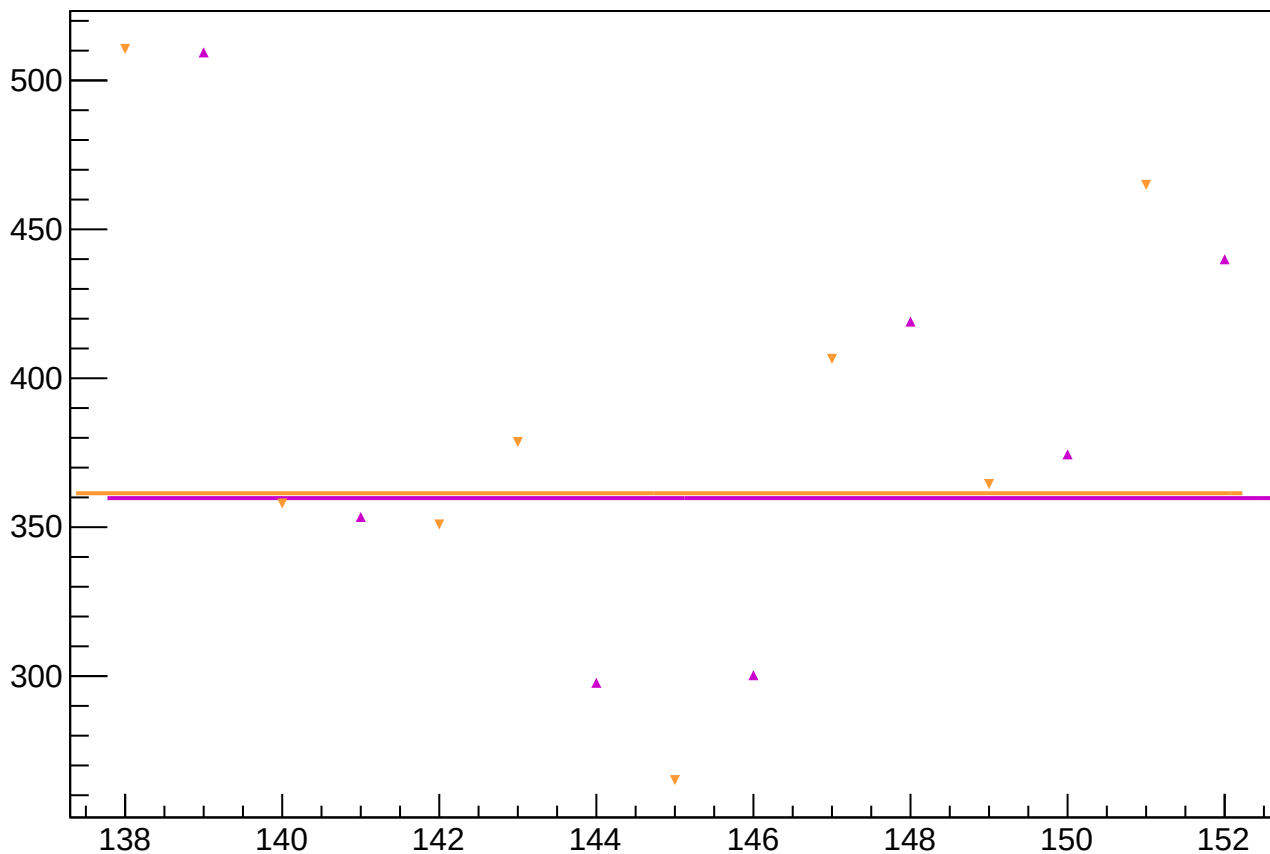
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.793+/-152.003 χ^2/NDF :3.3/6

Out: -585.604+/-153.613 χ^2/NDF :16.5/7

All: -173.608+/-108.047 χ^2/NDF : 34.0/14

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 361.393+/-0.109 χ^2/NDF :426993.6/7

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: 360.566+/-0.076 χ^2/NDF : 791097.2/14

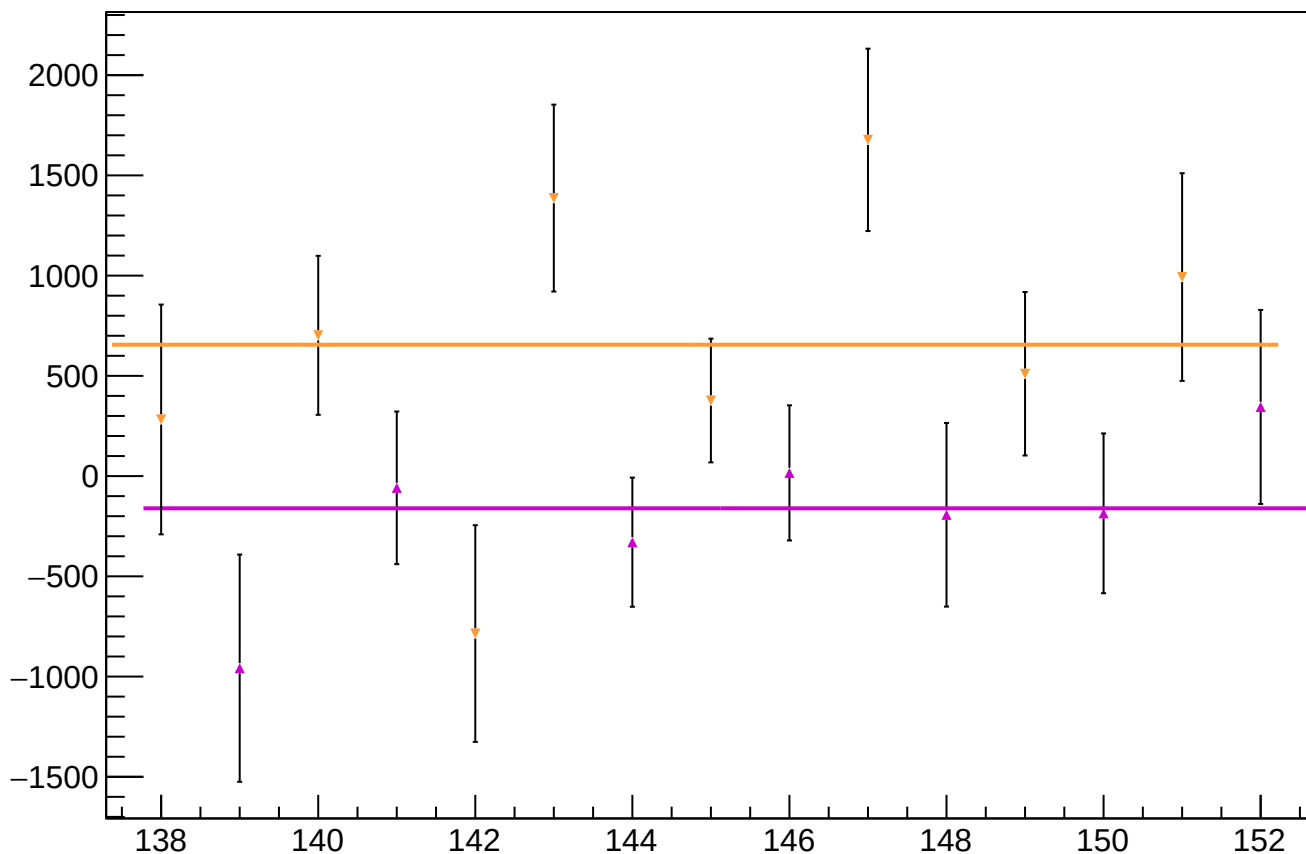
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.757+/-0.107 χ^2/NDF :363989.0/6

Out: 361.393+/-0.109 χ^2/NDF :426993.6/7

All: 360.566+/-0.076 χ^2/NDF : 791097.2/14

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 655.387+/-153.386 χ^2/NDF :16.4/7

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: 241.267+/-107.654 χ^2/NDF : 34.5/14

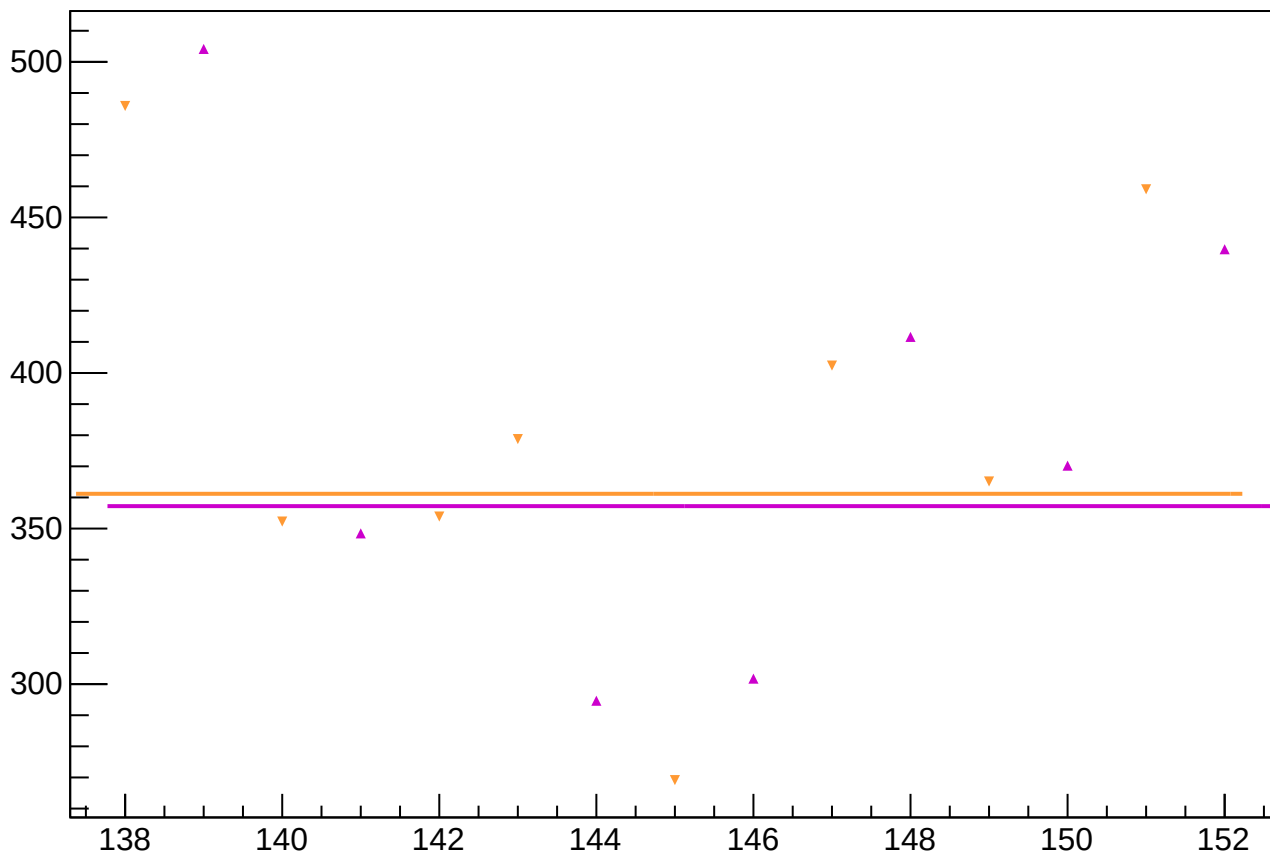
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -160.765+/-151.131 χ^2/NDF :3.7/6

Out: 655.387+/-153.386 χ^2/NDF :16.4/7

All: 241.267+/-107.654 χ^2/NDF : 34.5/14

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 361.174+/-0.108 χ^2/NDF :364741.1/7

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: 359.162+/-0.076 χ^2/NDF : 718985.2/14

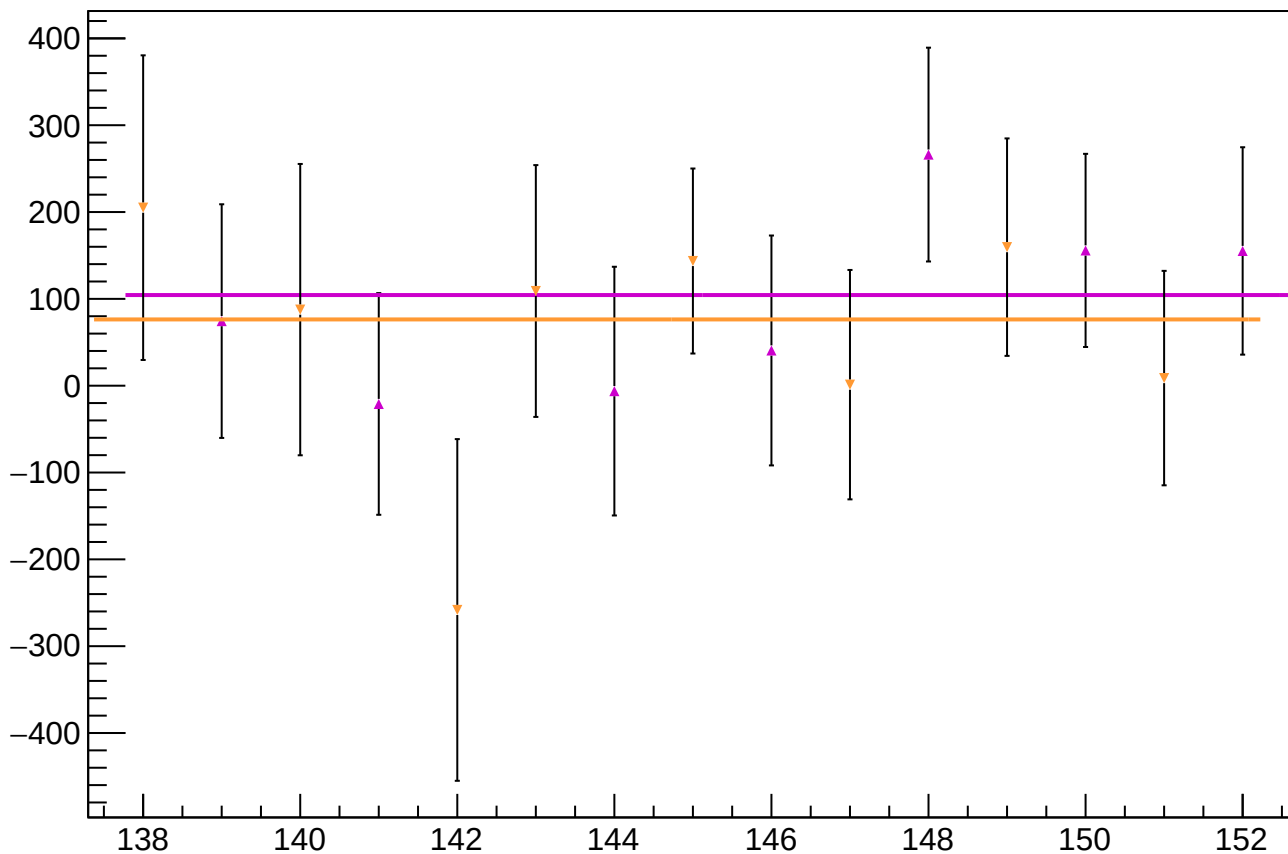
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 357.209+/-0.107 χ^2/NDF :353565.7/6

Out: 361.174+/-0.108 χ^2/NDF :364741.1/7

All: 359.162+/-0.076 χ^2/NDF : 718985.2/14

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 76.314+/-49.019 χ^2/NDF :4.9/7

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

Left In: 104.392+/-47.709 χ^2/NDF :4.0/6

Left: 90.733+/-34.189 χ^2/NDF : 9.1/14

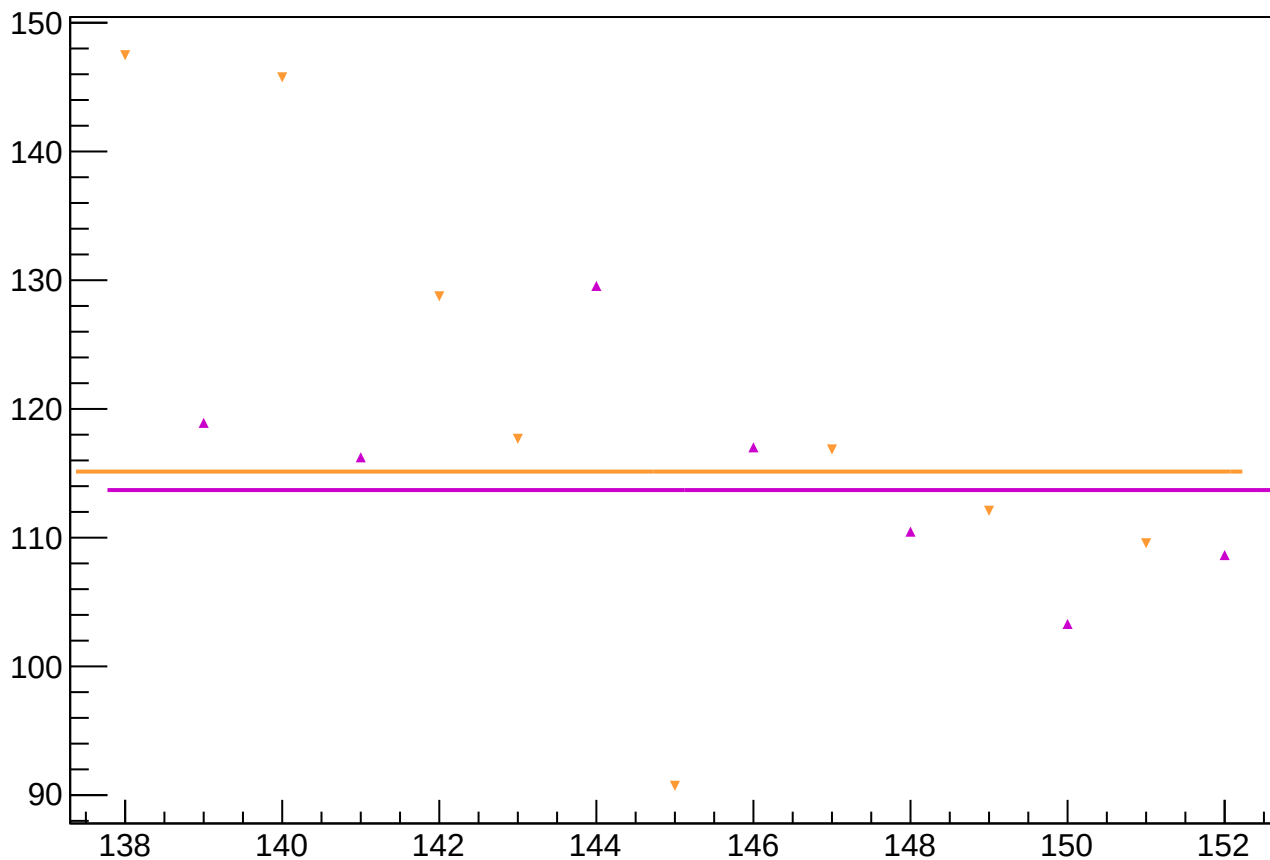
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.392+/-47.709 χ^2/NDF :4.0/6

Out: 76.314+/-49.019 χ^2/NDF :4.9/7

All: 90.733+/-34.189 χ^2/NDF : 9.1/14

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 115.134+/-0.035 χ^2/NDF :255418.0/7

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: 114.396+/-0.024 χ^2/NDF : 308327.0/14

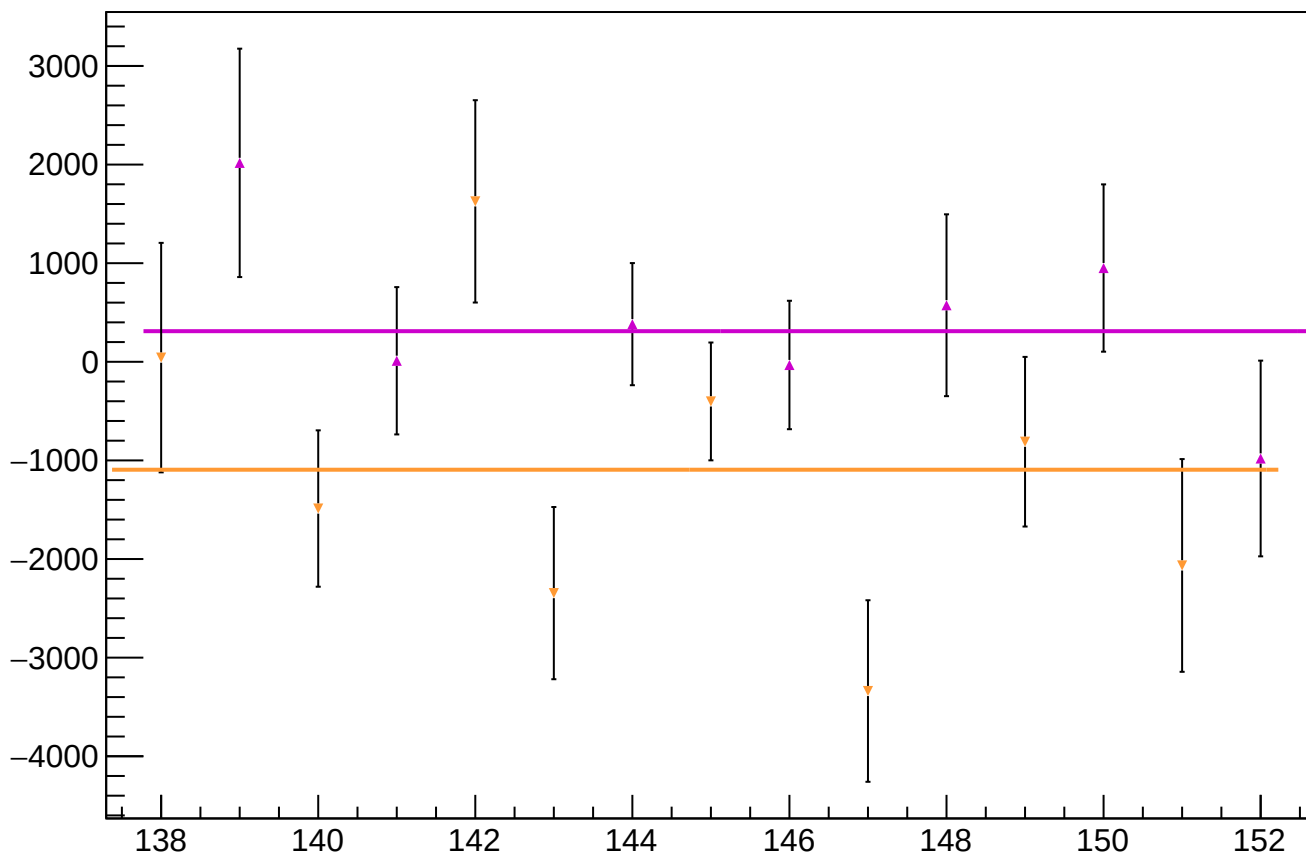
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.697+/-0.034 χ^2/NDF :52027.0/6

Out: 115.134+/-0.035 χ^2/NDF :255418.0/7

All: 114.396+/-0.024 χ^2/NDF : 308327.0/14

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1094.394+/-304.521 χ^2/NDF :18.5/7

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: -382.241+/-213.841 χ^2/NDF : 34.3/14

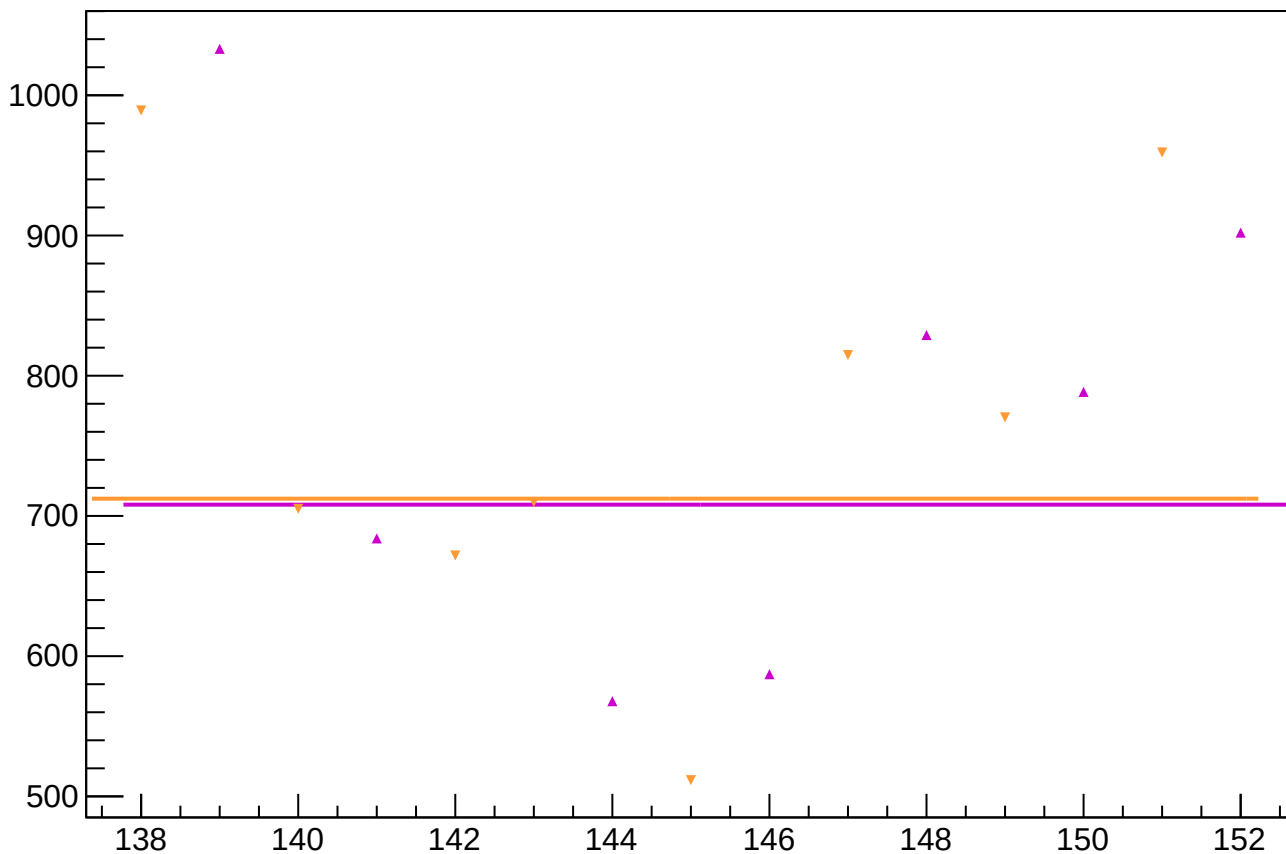
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 310.564+/-300.356 χ^2/NDF :5.0/6

Out: -1094.394+/-304.521 χ^2/NDF :18.5/7

All: -382.241+/-213.841 χ^2/NDF : 34.3/14

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 712.315+/-0.215 χ^2/NDF :480986.7/7

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: 710.148+/-0.151 χ^2/NDF : 941106.0/14

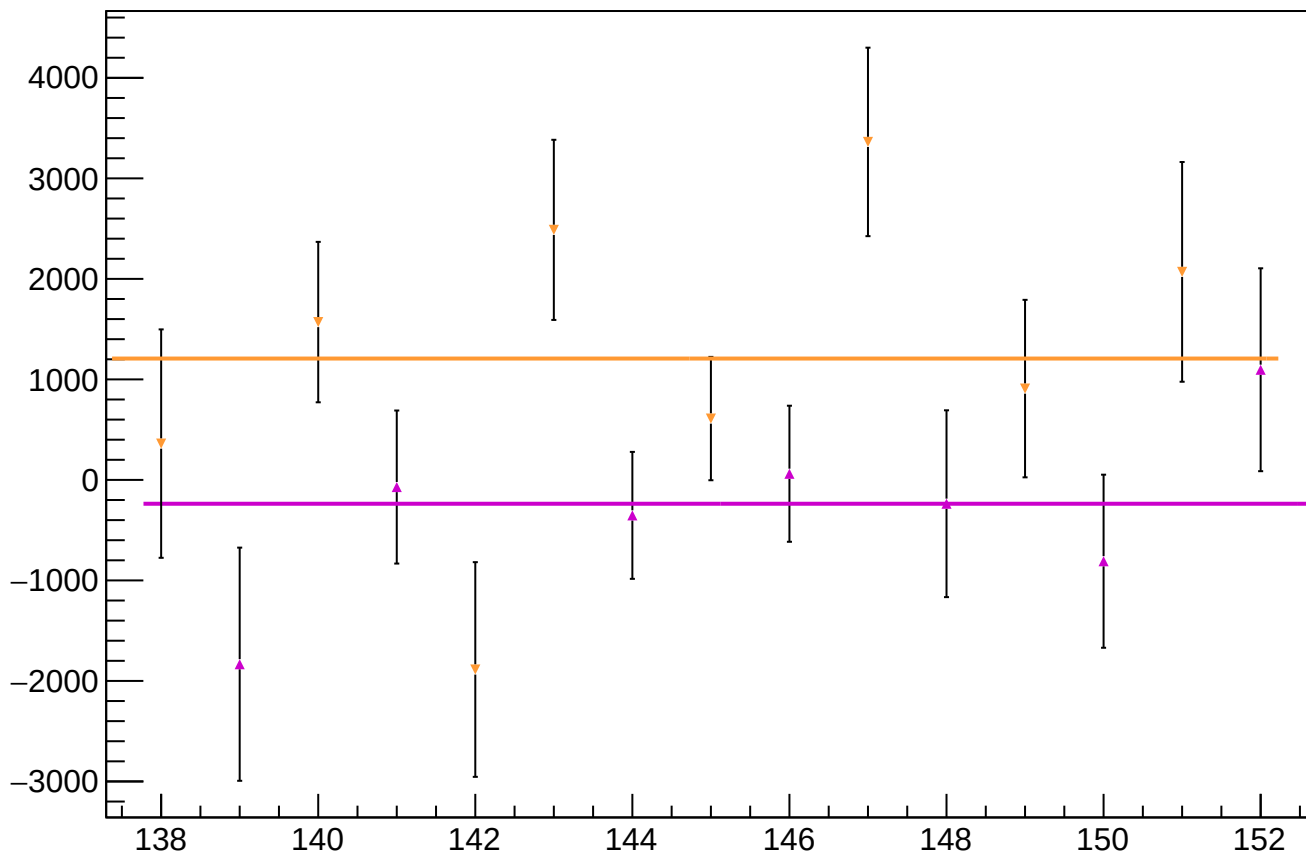
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 708.041+/-0.212 χ^2/NDF :459919.7/6

Out: 712.315+/-0.215 χ^2/NDF :480986.7/7

All: 710.148+/-0.151 χ^2/NDF : 941106.0/14

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1207.400+/-310.385 χ^2/NDF :18.2/7

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: 475.932+/-218.081 χ^2/NDF : 33.5/14

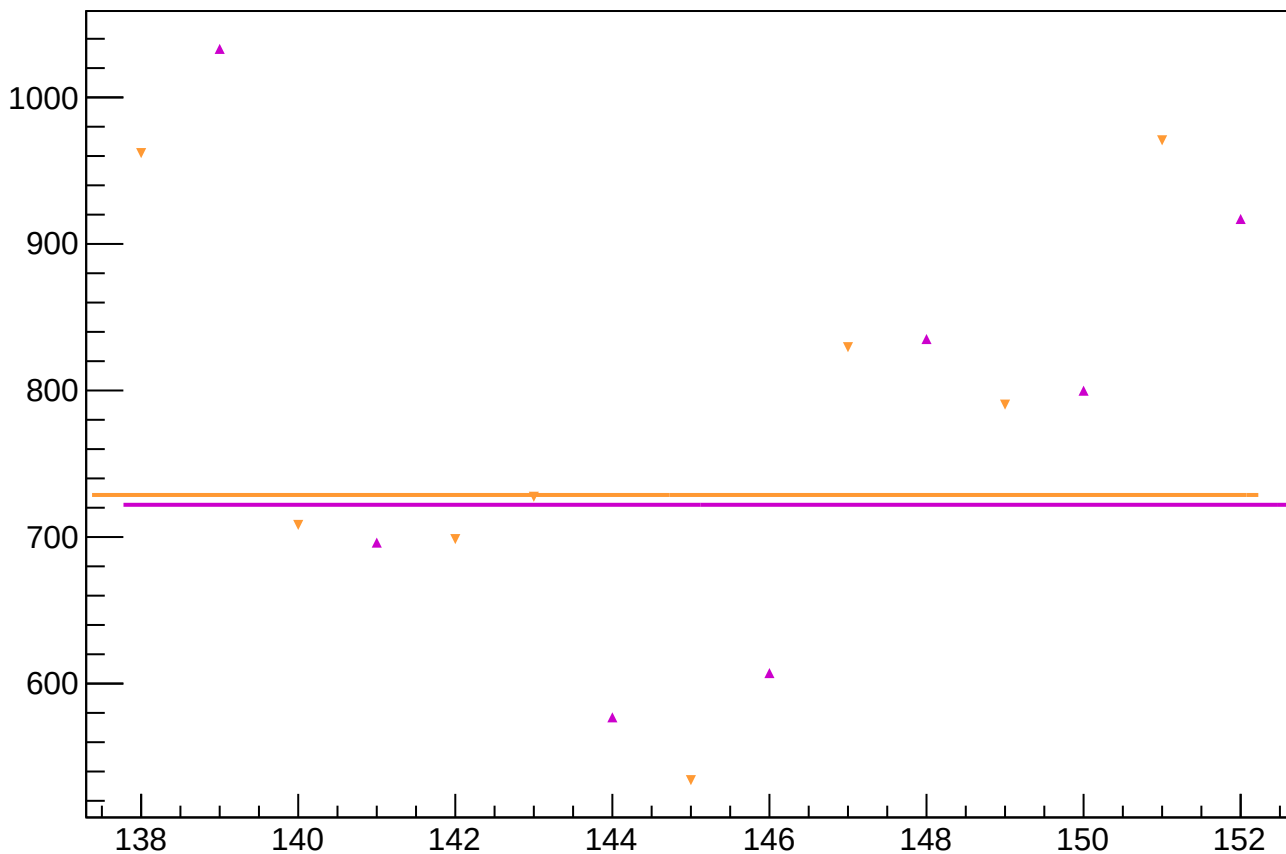
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -237.246+/-306.480 χ^2/NDF :4.4/6

Out: 1207.400+/-310.385 χ^2/NDF :18.2/7

All: 475.932+/-218.081 χ^2/NDF : 33.5/14

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 728.711+/-0.219 χ^2/NDF : 419318.5/7

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: 725.313+/-0.154 χ^2/NDF : 849659.2/14

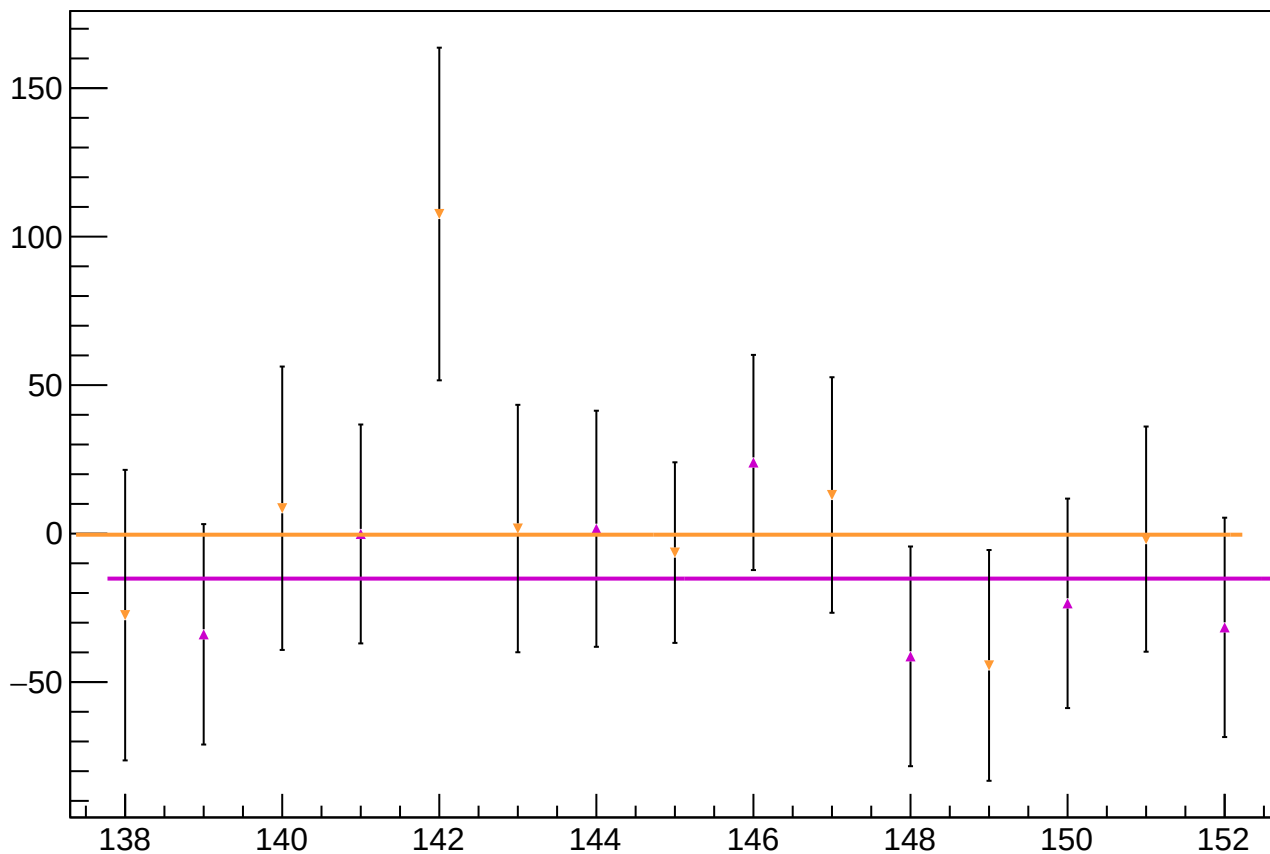
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 722.001+/-0.217 χ^2/NDF : 429867.5/6

Out: 728.711+/-0.219 χ^2/NDF : 419318.5/7

All: 725.313+/-0.154 χ^2/NDF : 849659.2/14

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: -0.369+/-14.392 χ^2/NDF :5.5/7

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: -7.982+/-10.024 χ^2/NDF : 8.6/14

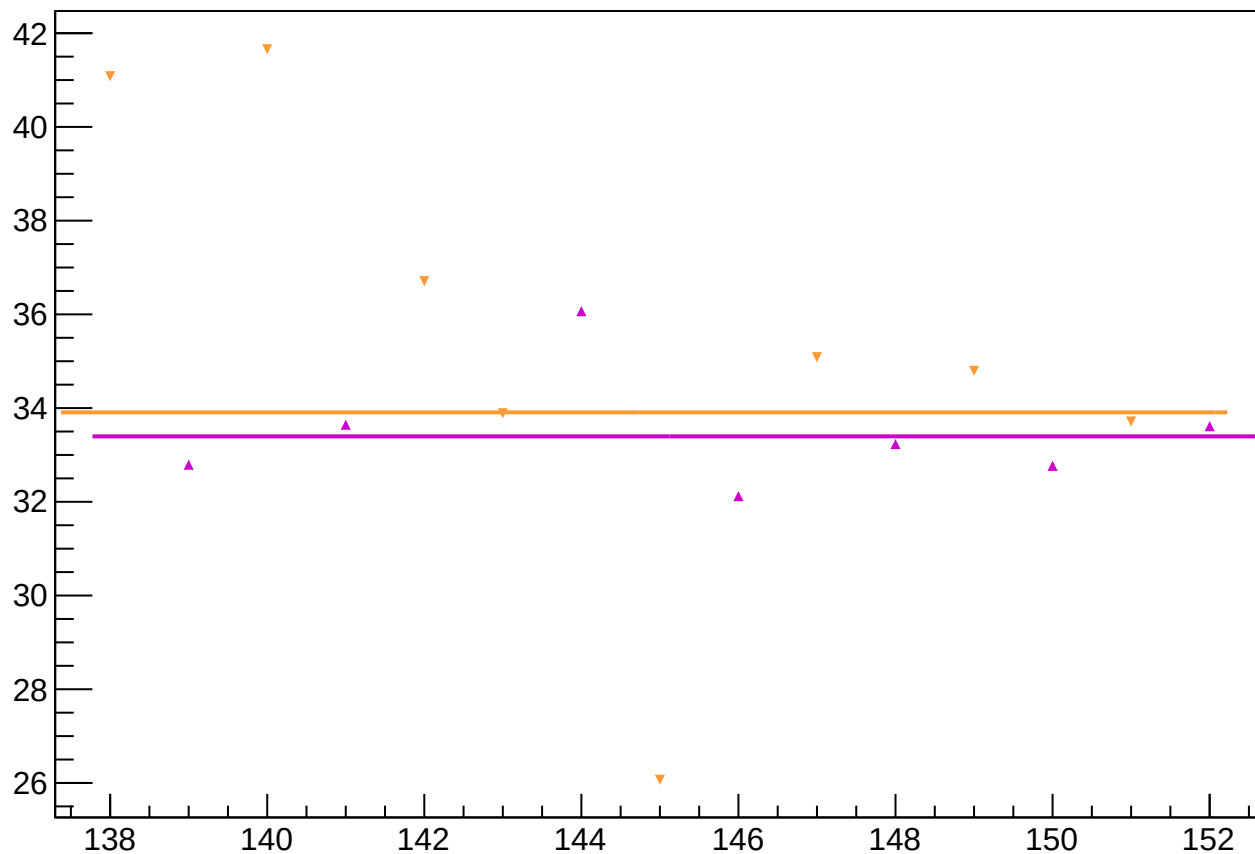
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.155+/-13.969 χ^2/NDF :2.5/6

Out: -0.369+/-14.392 χ^2/NDF :5.5/7

All: -7.982+/-10.024 χ^2/NDF : 8.6/14

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: 33.909+/-0.010 χ^2/NDF :236613.0/7

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: 33.645+/-0.007 χ^2/NDF : 250796.7/14

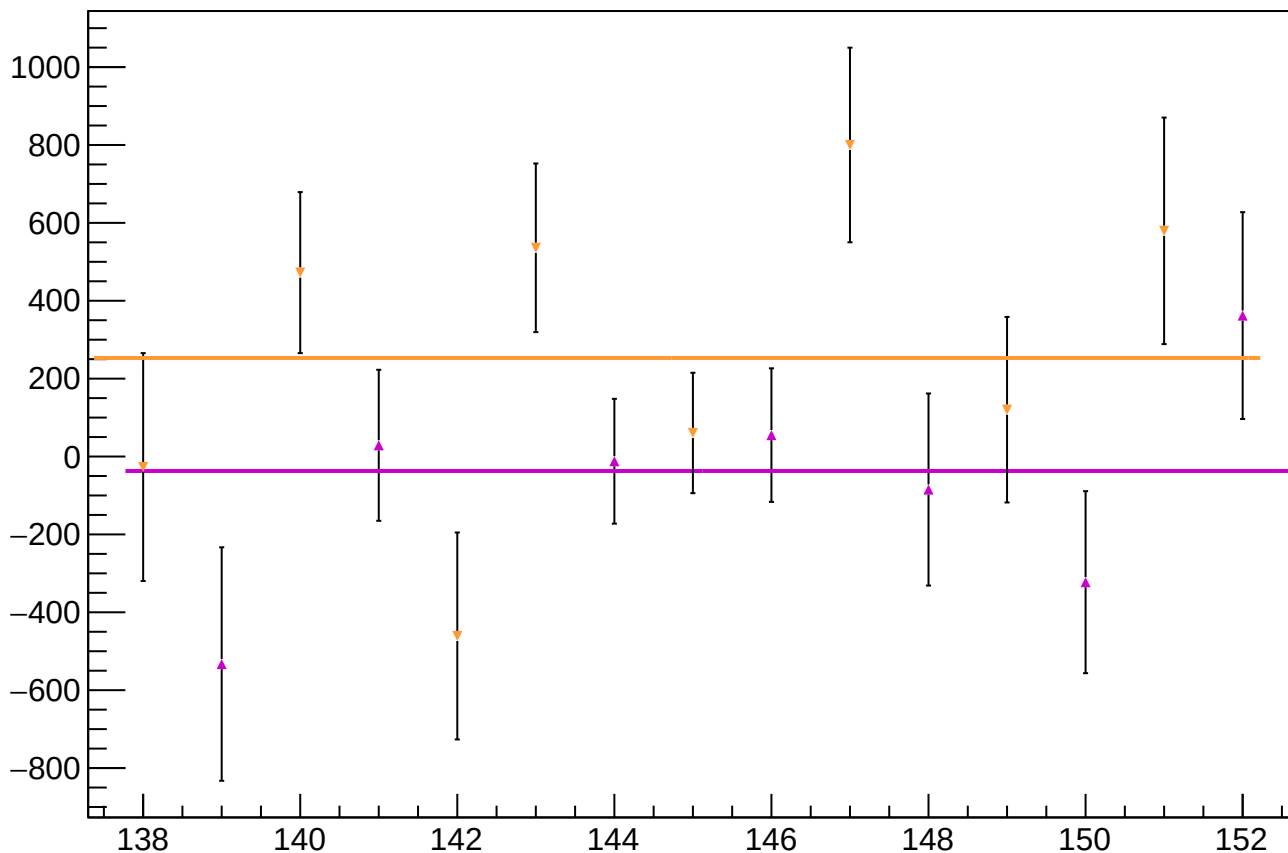
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.396+/-0.010 χ^2/NDF :12875.8/6

Out: 33.909+/-0.010 χ^2/NDF :236613.0/7

All: 33.645+/-0.007 χ^2/NDF : 250796.7/14

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: 253.089+/-79.585 χ^2/NDF :18.9/7

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: 107.204+/-56.126 χ^2/NDF : 32.5/14

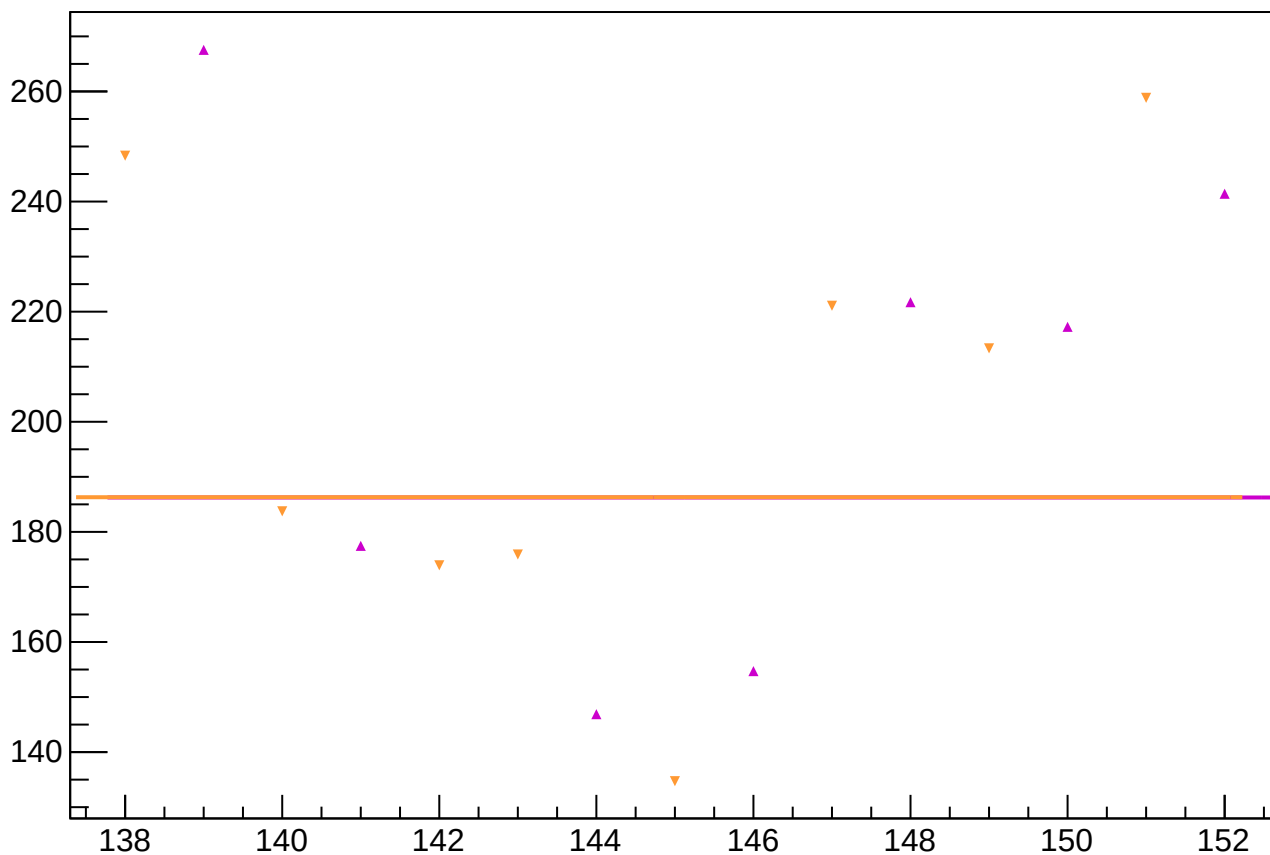
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.148+/-79.166 χ^2/NDF :7.0/6

Out: 253.089+/-79.585 χ^2/NDF :18.9/7

All: 107.204+/-56.126 χ^2/NDF : 32.5/14

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: 186.296+/-0.056 χ^2/NDF : 510765.3/7

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: 186.272+/-0.040 χ^2/NDF : 1013012.0/14

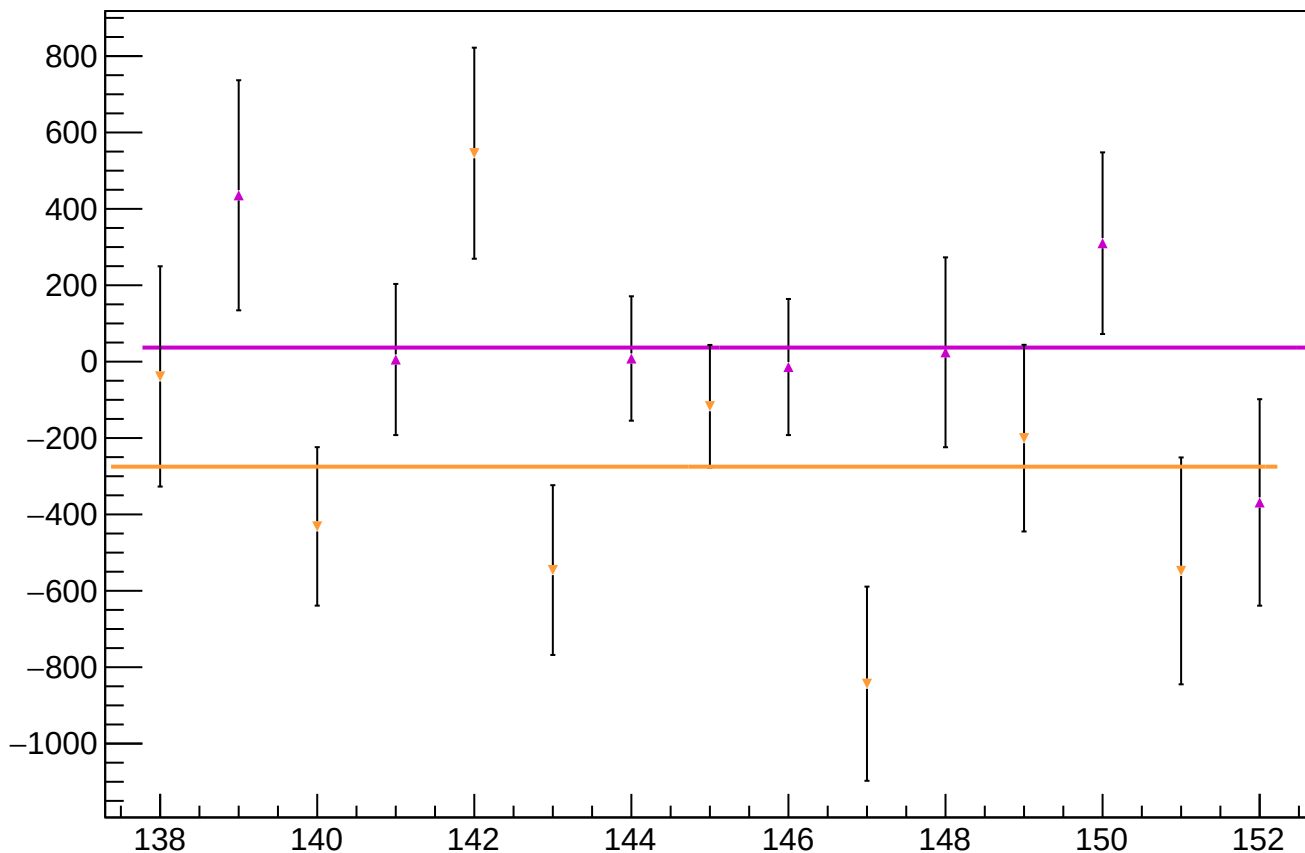
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.248+/-0.056 χ^2/NDF : 502246.4/6

Out: 186.296+/-0.056 χ^2/NDF : 510765.3/7

All: 186.272+/-0.040 χ^2/NDF : 1013012.0/14

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -274.977+/-81.369 χ^2/NDF :18.5/7

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: -117.910+/-57.321 χ^2/NDF : 31.3/14

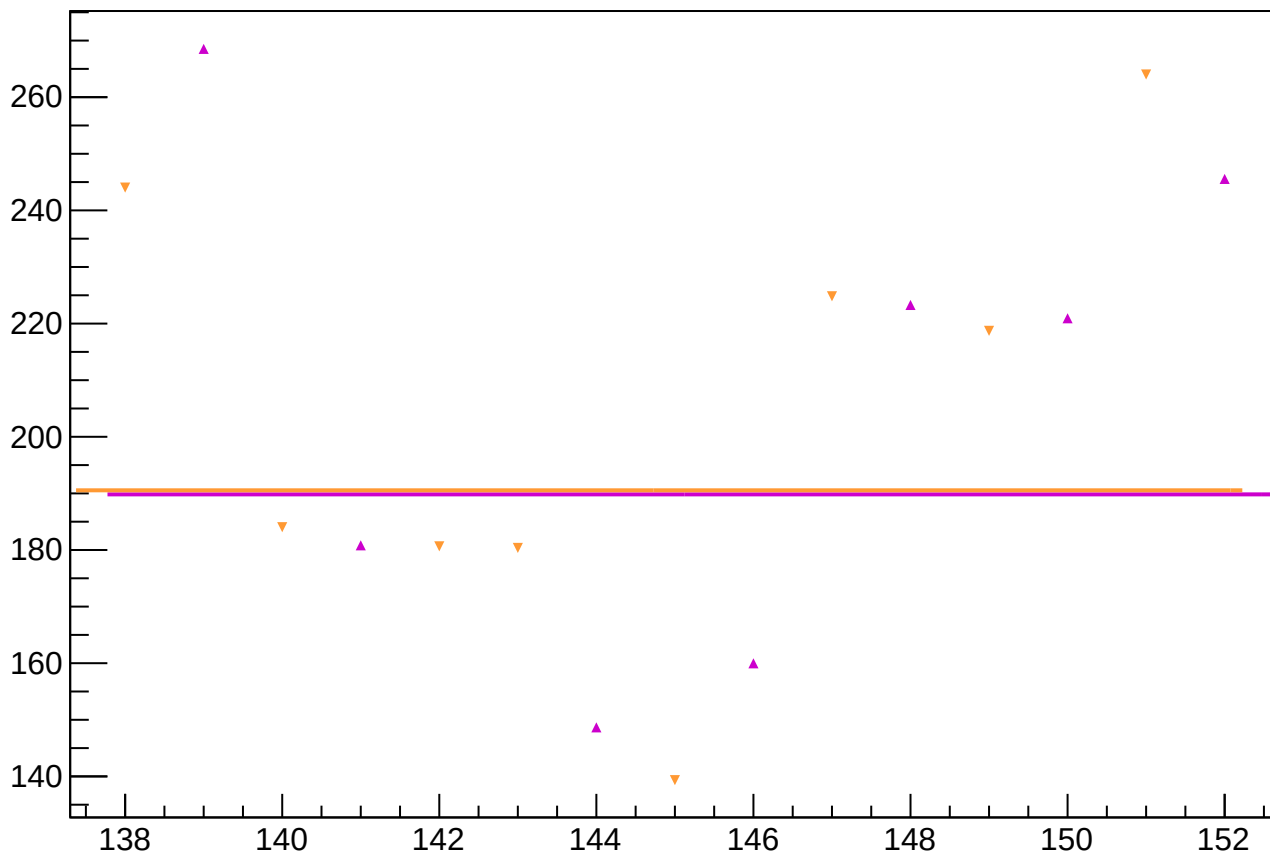
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.822+/-80.762 χ^2/NDF :5.5/6

Out: -274.977+/-81.369 χ^2/NDF :18.5/7

All: -117.910+/-57.321 χ^2/NDF : 31.3/14

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 190.544+/-0.058 χ^2/NDF : 466734.7/7

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: 190.183+/-0.041 χ^2/NDF : 946838.0/14

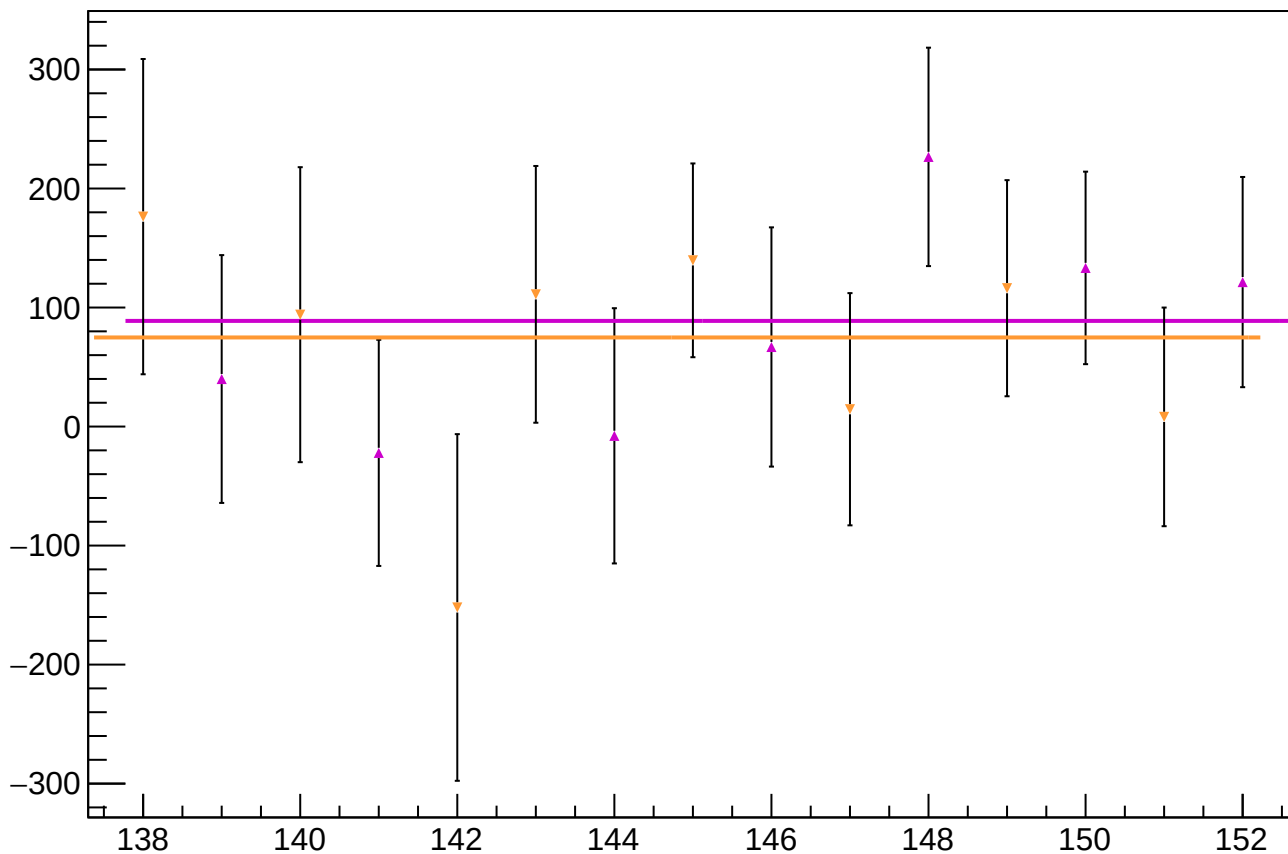
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 189.827+/-0.057 χ^2/NDF : 480025.0/6

Out: 190.544+/-0.058 χ^2/NDF : 466734.7/7

All: 190.183+/-0.041 χ^2/NDF : 946838.0/14

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: 74.862 $\pm$ 36.490 χ^2 /NDF:4.9/7

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: 81.986 $\pm$ 25.483 χ^2 /NDF: 10.1/14

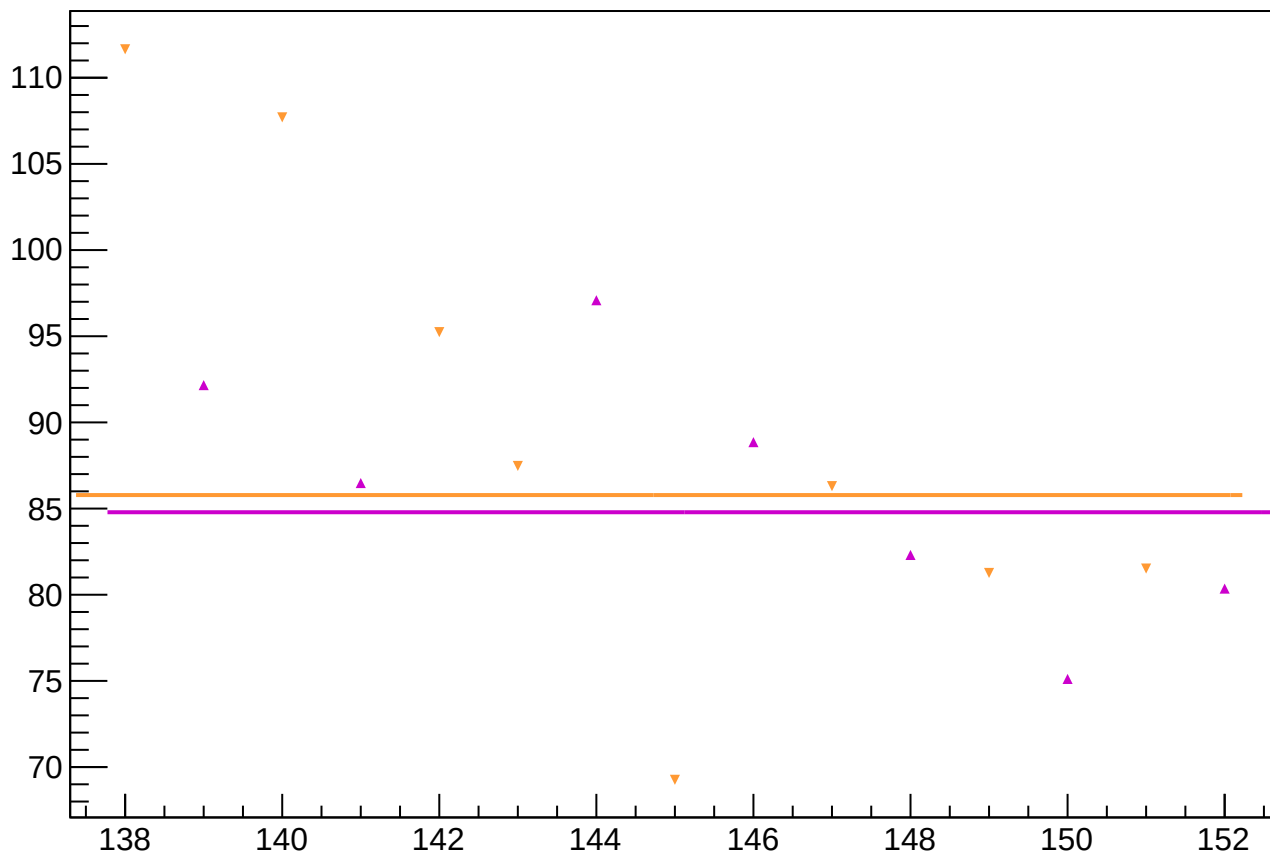
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 88.769 $\pm$ 35.603 χ^2 /NDF:5.1/6

Out: 74.862 $\pm$ 36.490 χ^2 /NDF:4.9/7

All: 81.986 $\pm$ 25.483 χ^2 /NDF: 10.1/14

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 85.784+/-0.026 χ^2/NDF :239482.8/7

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: 85.273+/-0.018 χ^2/NDF : 315626.3/14

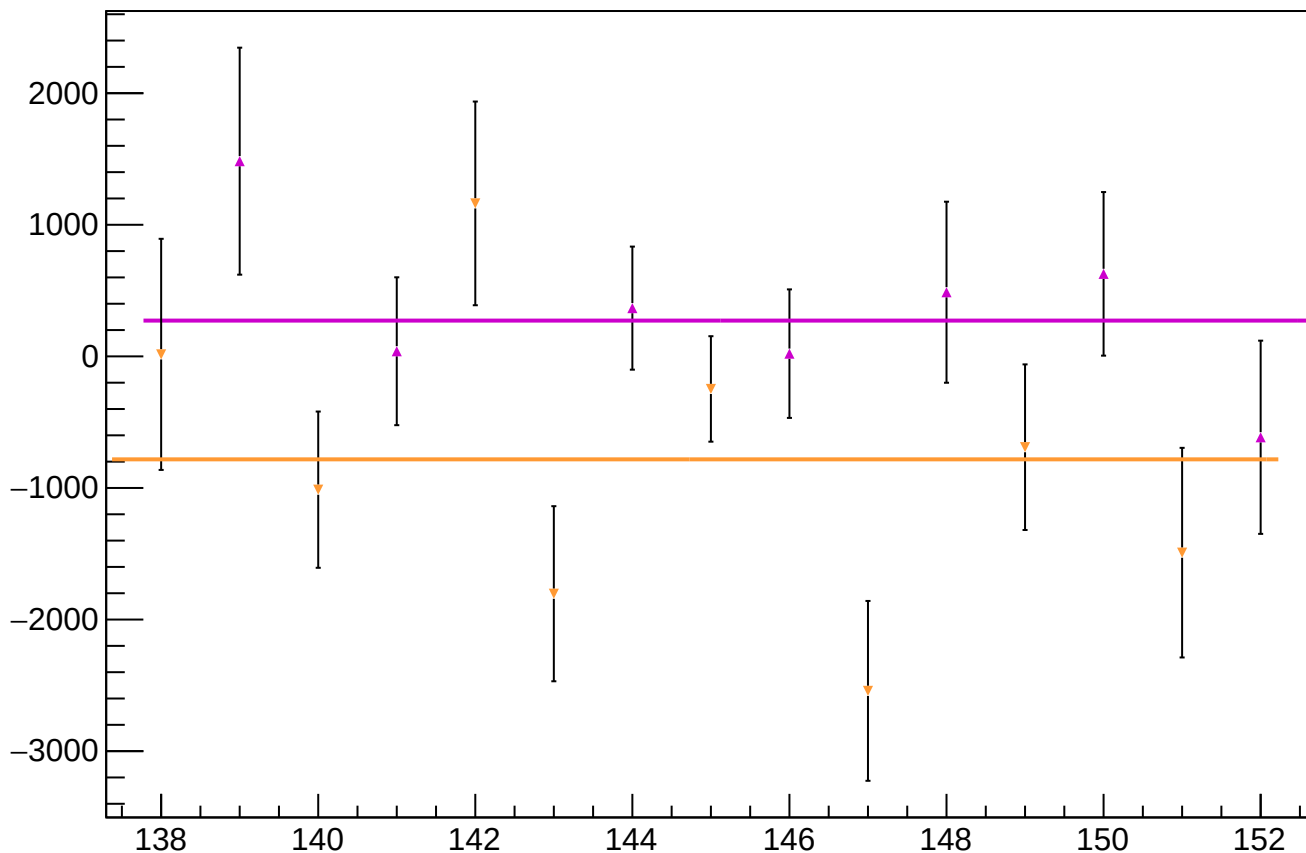
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.787+/-0.025 χ^2/NDF :75379.1/6

Out: 85.784+/-0.026 χ^2/NDF :239482.8/7

All: 85.273+/-0.018 χ^2/NDF : 315626.3/14

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -782.529+/-220.692 χ^2/NDF :18.9/7

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: -264.412+/-157.395 χ^2/NDF : 34.4/14

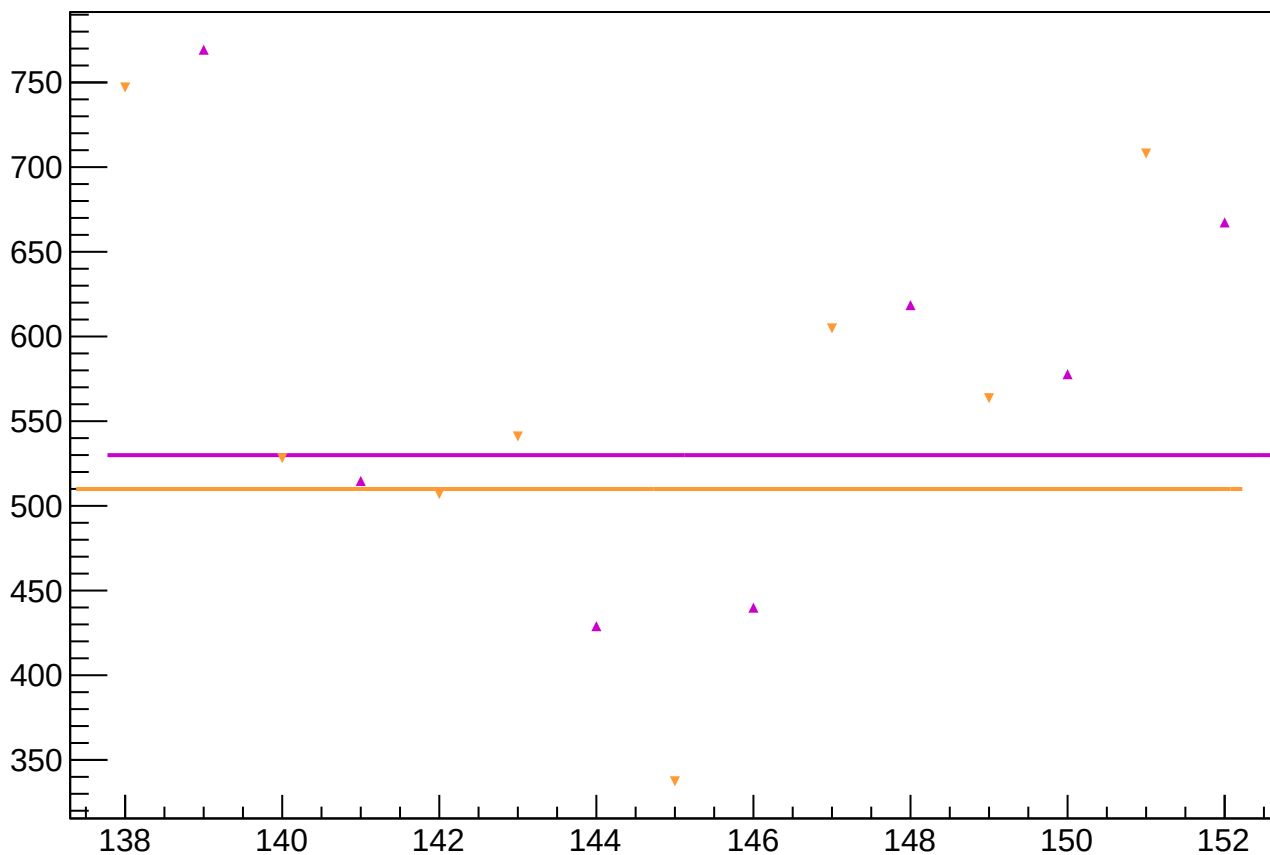
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.927+/-224.539 χ^2/NDF :4.3/6

Out: -782.529+/-220.692 χ^2/NDF :18.9/7

All: -264.412+/-157.395 χ^2/NDF : 34.4/14

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 509.969+/-0.156 χ^2/NDF : 699648.4/7

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: 519.791+/-0.111 χ^2/NDF : 1139507.1/14

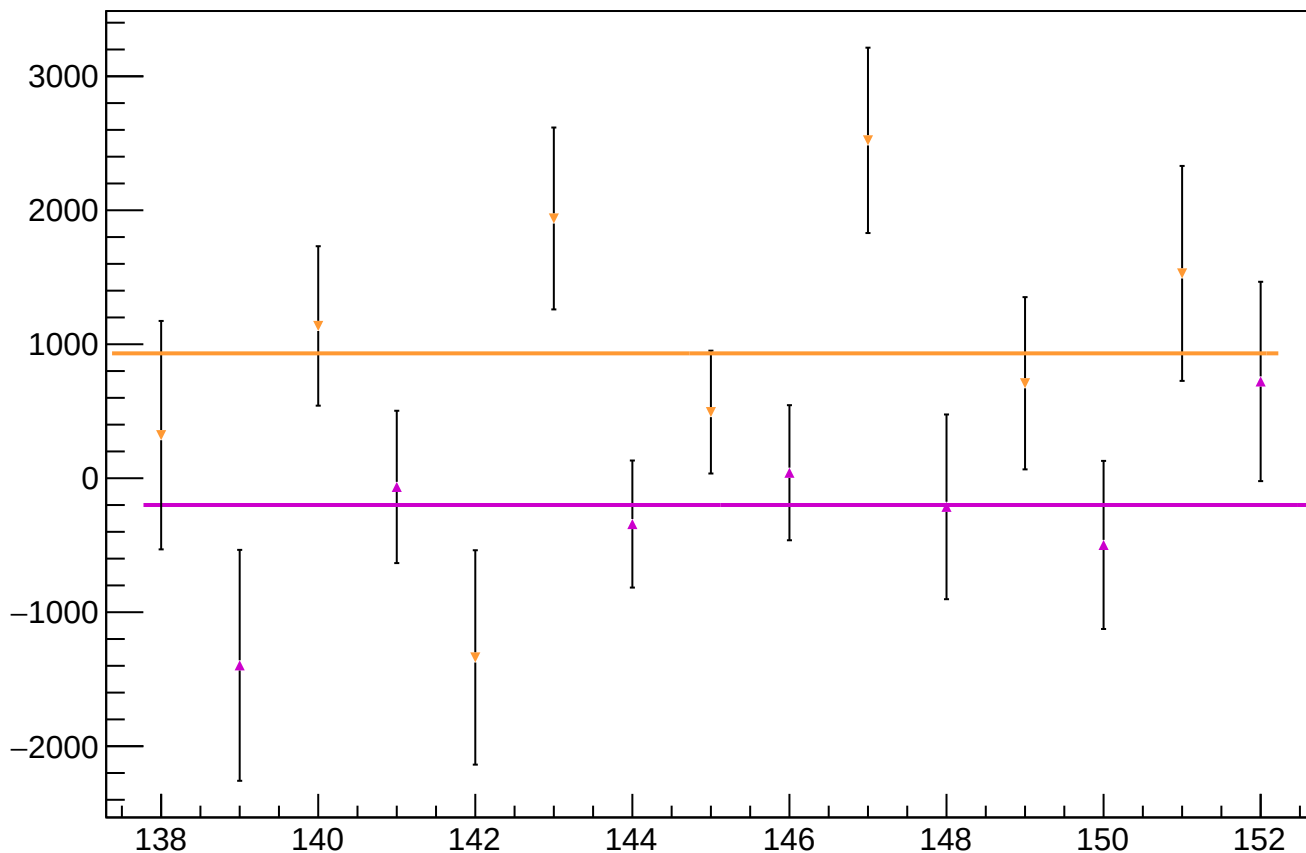
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.958+/-0.159 χ^2/NDF : 431797.0/6

Out: 509.969+/-0.156 χ^2/NDF : 699648.4/7

All: 519.791+/-0.111 χ^2/NDF : 1139507.1/14

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 932.065+/-230.908 χ^2/NDF :17.7/7

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: 358.445+/-162.158 χ^2/NDF : 34.0/14

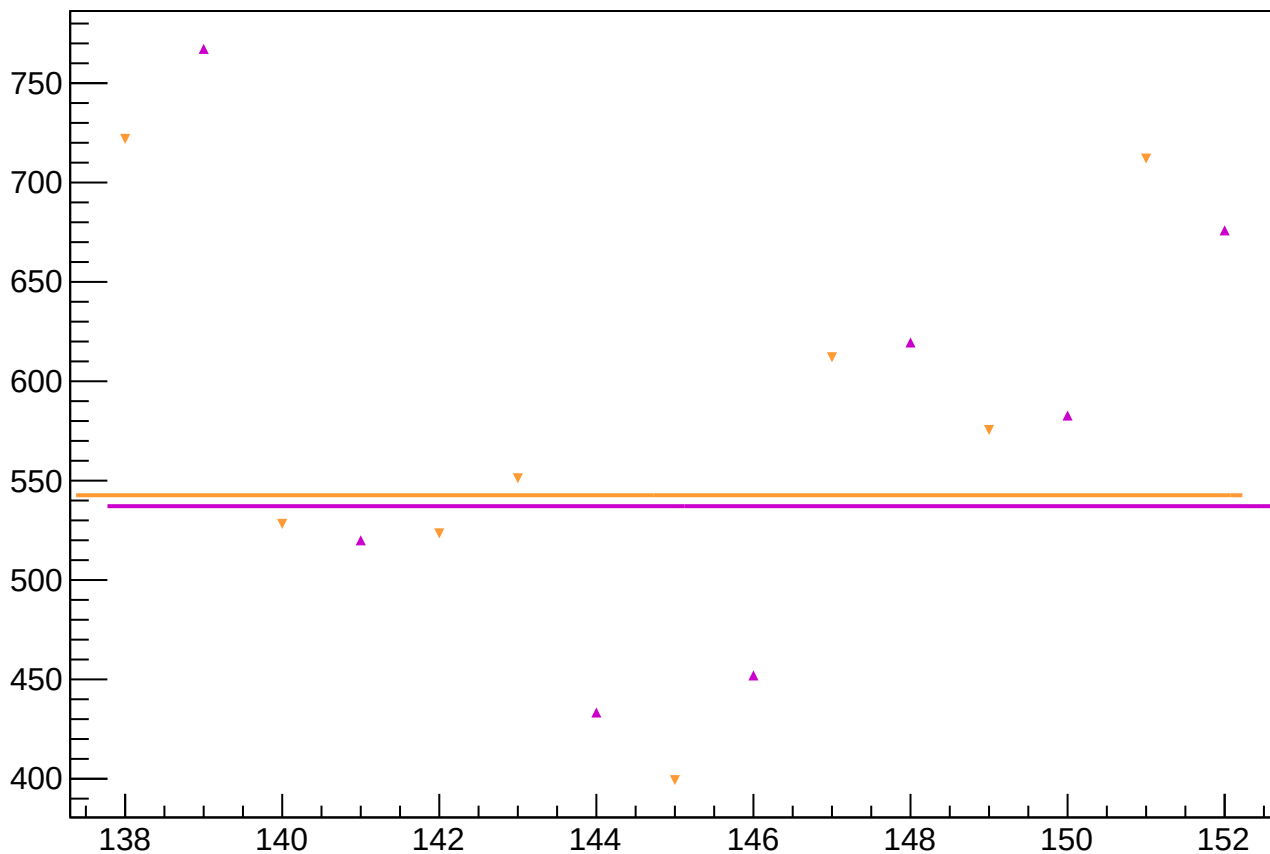
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -199.713+/-227.775 χ^2/NDF :4.1/6

Out: 932.065+/-230.908 χ^2/NDF :17.7/7

All: 358.445+/-162.158 χ^2/NDF : 34.0/14

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 542.658+/-0.163 χ^2/NDF :401219.6/7

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: 539.870+/-0.115 χ^2/NDF : 807857.3/14

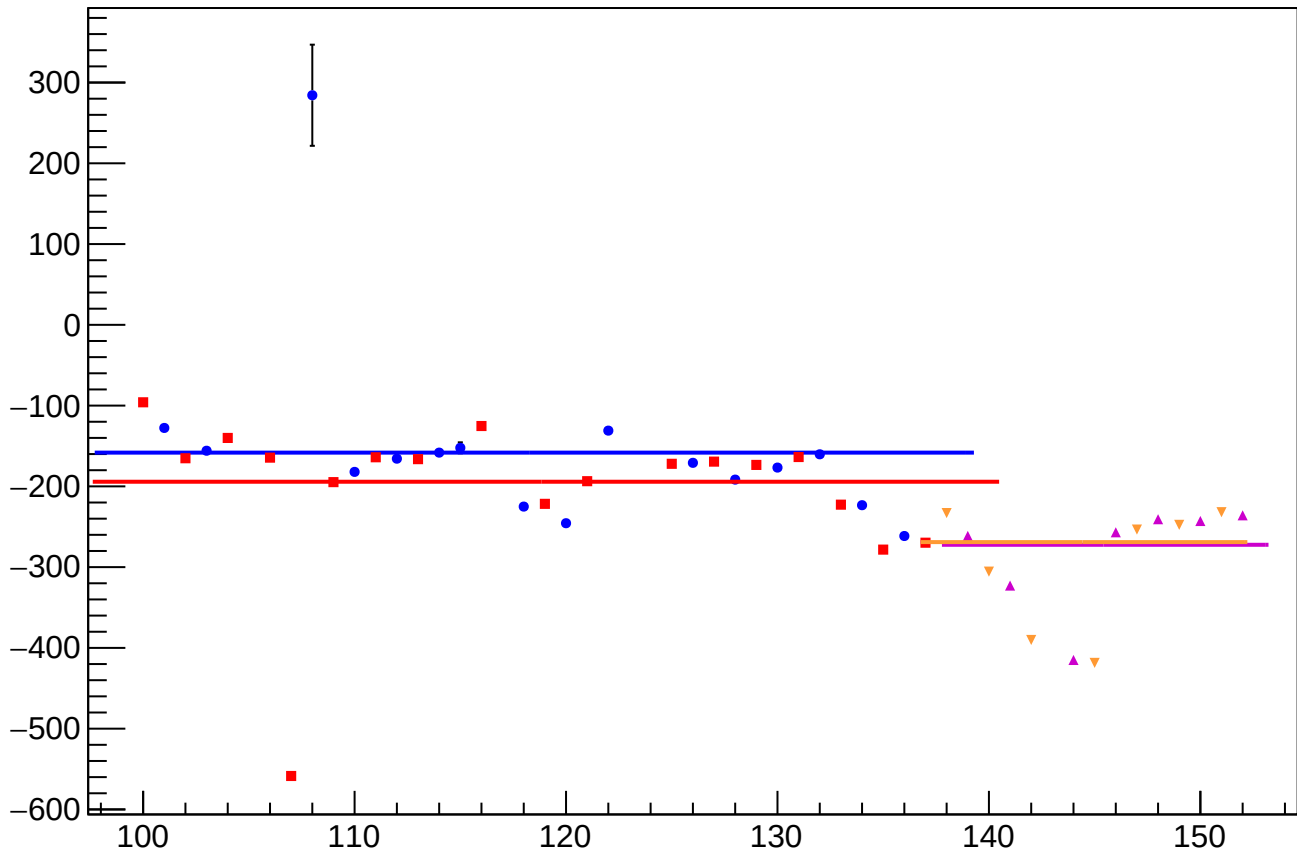
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 537.157+/-0.161 χ^2/NDF :406062.2/6

Out: 542.658+/-0.163 χ^2/NDF :401219.6/7

All: 539.870+/-0.115 χ^2/NDF : 807857.3/14

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222 $\pm$ 0.000 χ^2 /NDF: 117166.2/15

Left Out: -269.009 $\pm$ 0.299 χ^2 /NDF: 24793.9/6

Right Out: -194.268 $\pm$ 0.165 χ^2 /NDF: 176560.4/17

Left In: -272.338 $\pm$ 0.228 χ^2 /NDF: 42141.0/6

Left: -271.116 $\pm$ 0.181 χ^2 /NDF: 67013.3/13

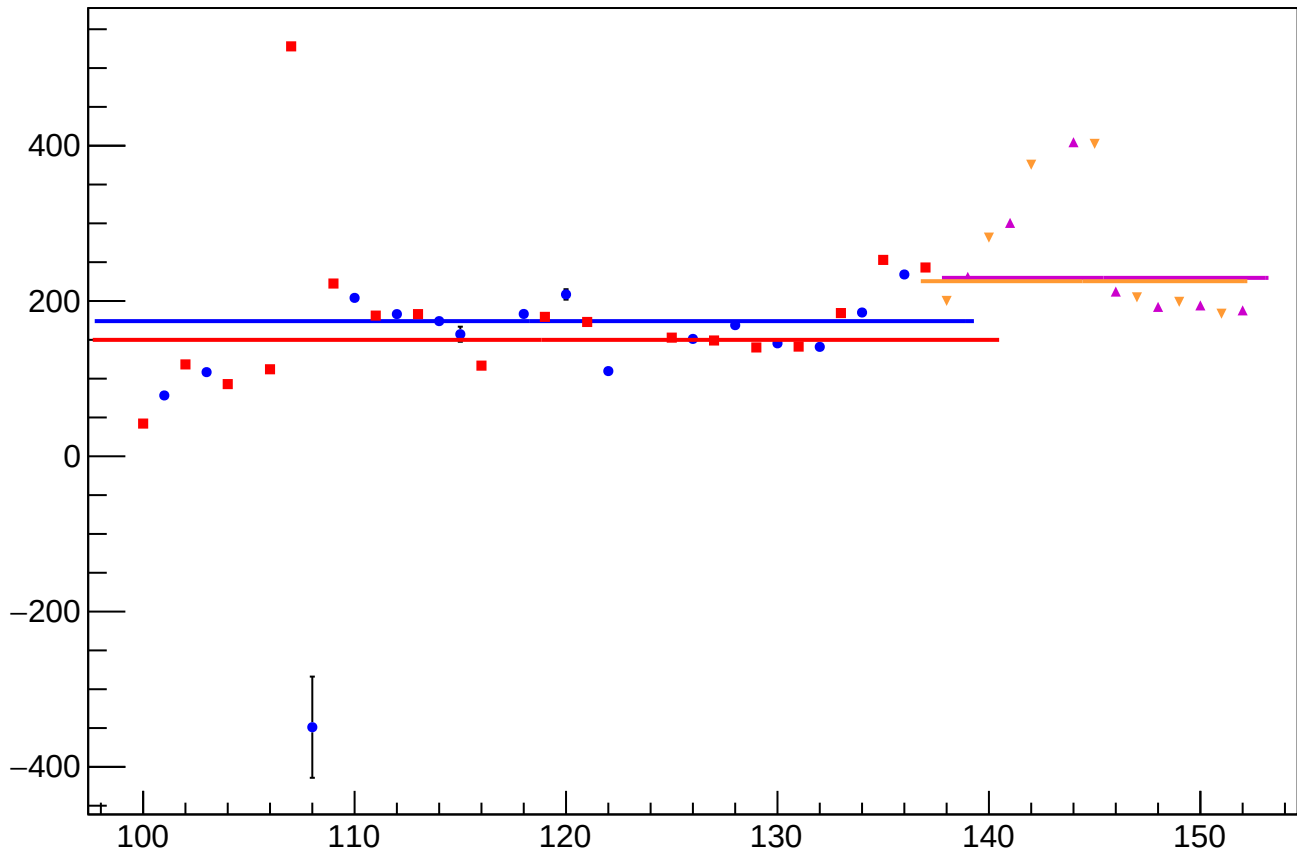
Right: -158.222 $\pm$ 0.000 χ^2 /NDF: 341369.6/33

In: -158.222 $\pm$ 0.000 χ^2 /NDF: 410509.0/22

Out: -211.738 $\pm$ 0.145 χ^2 /NDF: 249231.9/24

All: -158.222 $\pm$ 0.000 χ^2 /NDF: 796789.9/47

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 225.508+/-0.305 χ^2/NDF : 32273.9/6

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

Left In: 229.800+/-0.232 χ^2/NDF : 59361.6/6

Left: 228.231+/-0.185 χ^2/NDF : 91760.8/13

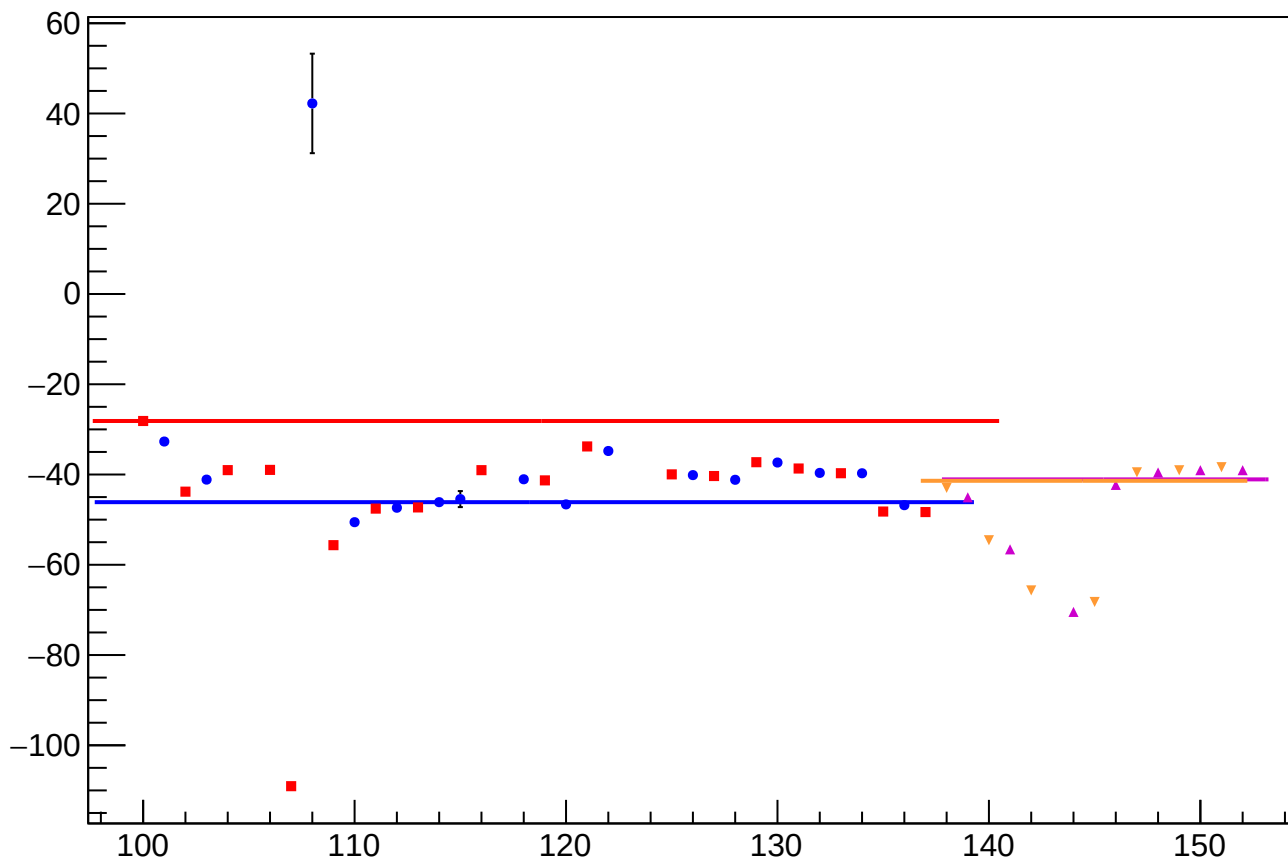
Right: 174.085+/-0.000 χ^2/NDF : 236460.5/33

In: 174.085+/-0.000 χ^2/NDF : 170518.4/22

Out: 171.921+/-0.165 χ^2/NDF : 243541.7/24

All: 174.085+/-0.000 χ^2/NDF : 414232.8/47

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 201273.7/15$

Left Out: -41.392 ± 0.013 $\chi^2/\text{NDF}: 83989.3/6$

Right Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 746939.9/17$

Left In: -41.080 ± 0.014 $\chi^2/\text{NDF}: 153215.2/6$

Left: -41.255 ± 0.010 $\chi^2/\text{NDF}: 237465.0/13$

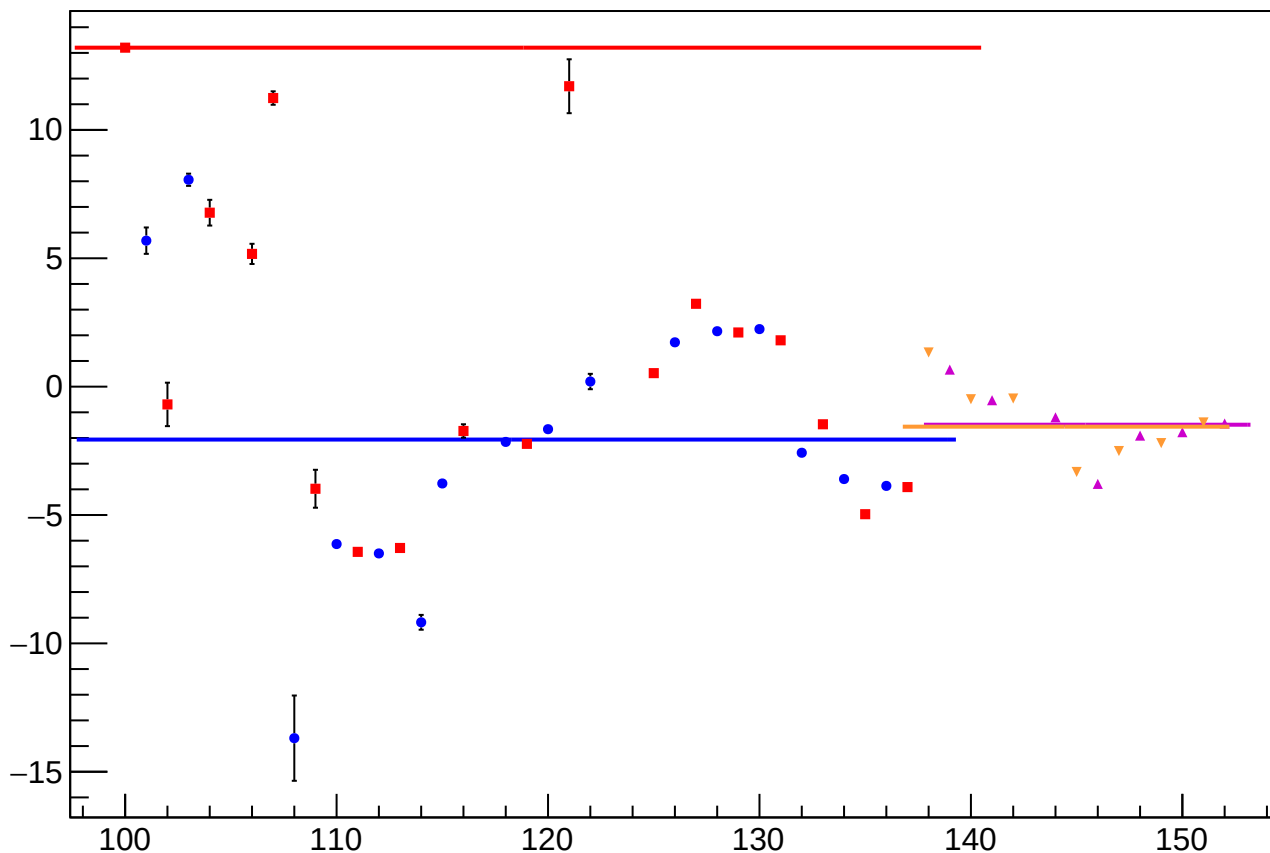
Right: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231659$

In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 475950.4/22$

Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 1902798.7/24$

All: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.559 ± 0.015 χ^2/NDF : 6921.9/6

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: -1.509 ± 0.009 χ^2/NDF : 13019.7/13

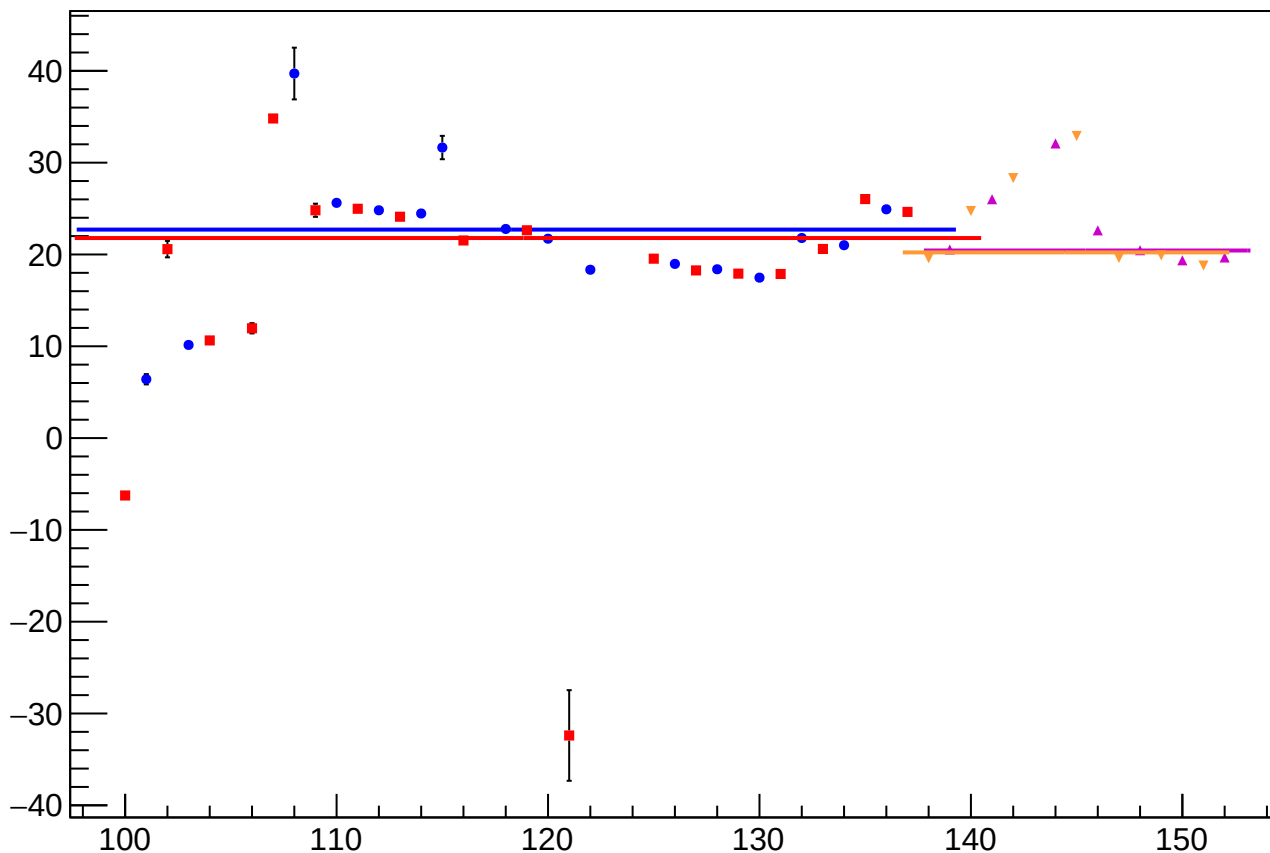
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -1.634 ± 0.009 χ^2/NDF : 32523.1/22

Out: 13.204 ± 0.000 χ^2/NDF : 1536108.6/24

All: 13.204 ± 0.000 χ^2/NDF : 4222610.7/47

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.227 $\pm$ 0.019 χ^2 /NDF:14015.2/6

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: 20.360 $\pm$ 0.012 χ^2 /NDF: 40649.5/13

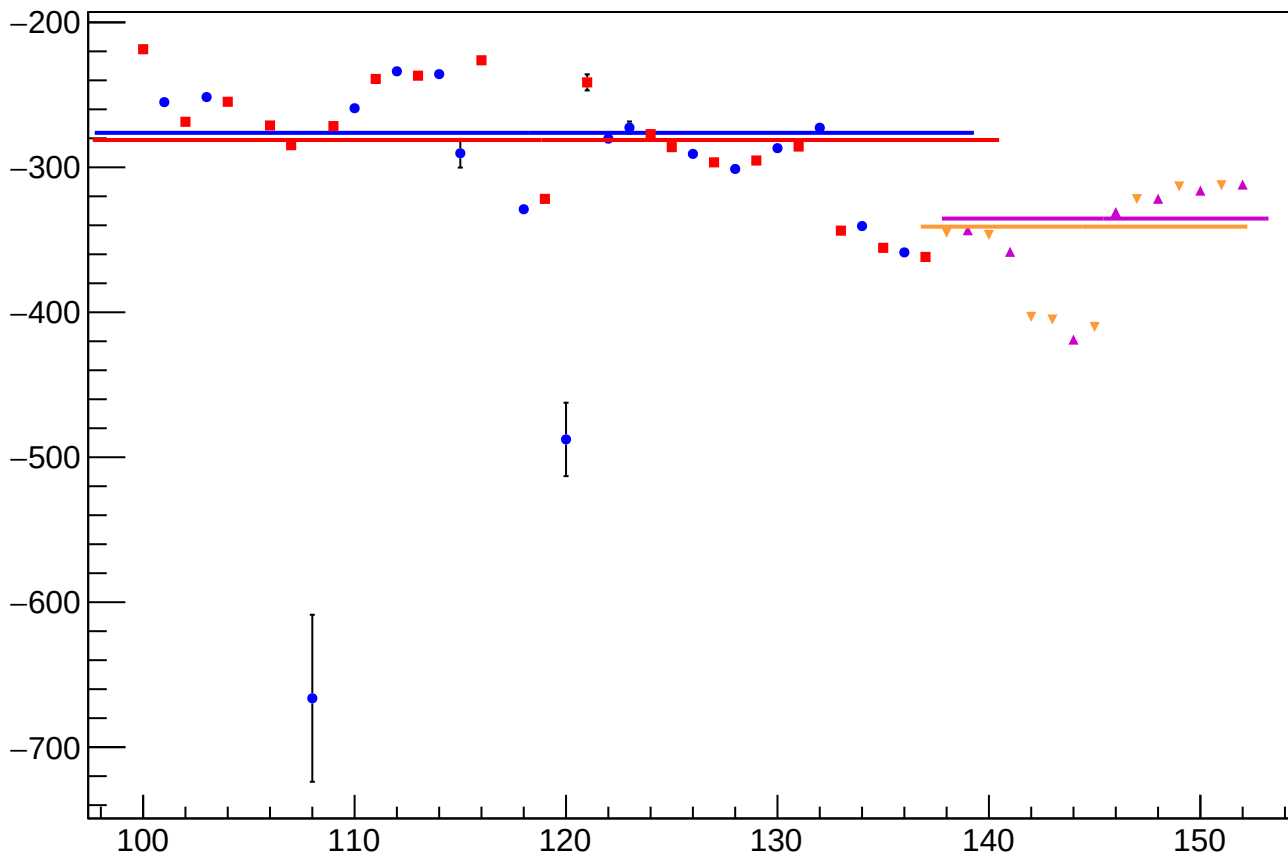
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 21.280 $\pm$ 0.011 χ^2 /NDF:58592.9/22

Out: 20.930 $\pm$ 0.014 χ^2 /NDF:43591.8/24

All: 21.145 $\pm$ 0.009 χ^2 /NDF: 102547.1/47

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -340.939 ± 0.210 χ^2/NDF : 22535.0/7

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: -337.262 ± 0.123 χ^2/NDF : 53873.1/14

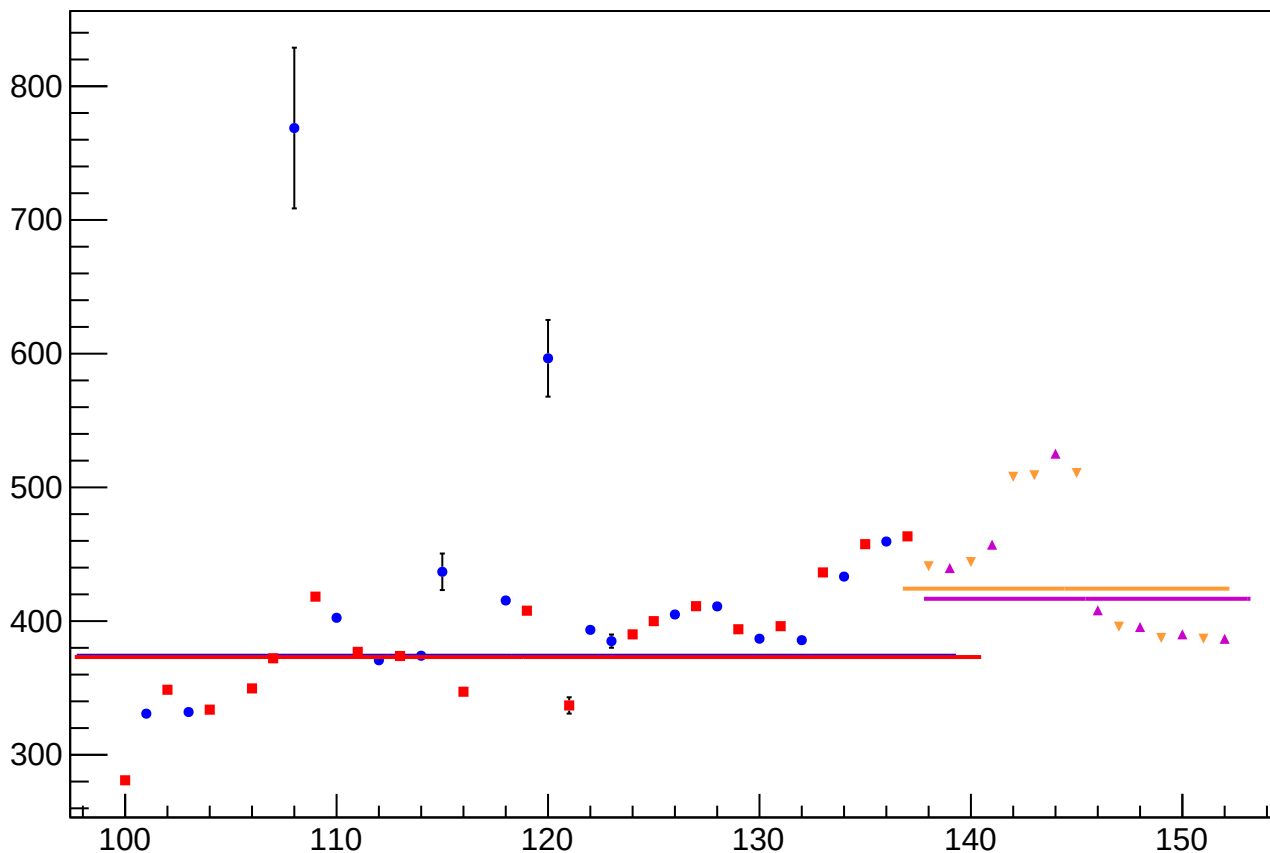
Right: -278.974 ± 0.110 χ^2/NDF : 136213.7/35

In: -308.557 ± 0.112 χ^2/NDF : 157961.8/23

Out: -300.886 ± 0.121 χ^2/NDF : 154343.1/26

All: -305.007 ± 0.082 χ^2/NDF : 314472.4/50

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 424.267 $\pm$ 0.214 χ^2 /NDF: 40253.5/7

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

Left In: 416.686 $\pm$ 0.155 χ^2 /NDF: 52897.0/6

Left: 419.286 $\pm$ 0.125 χ^2 /NDF: 93974.8/14

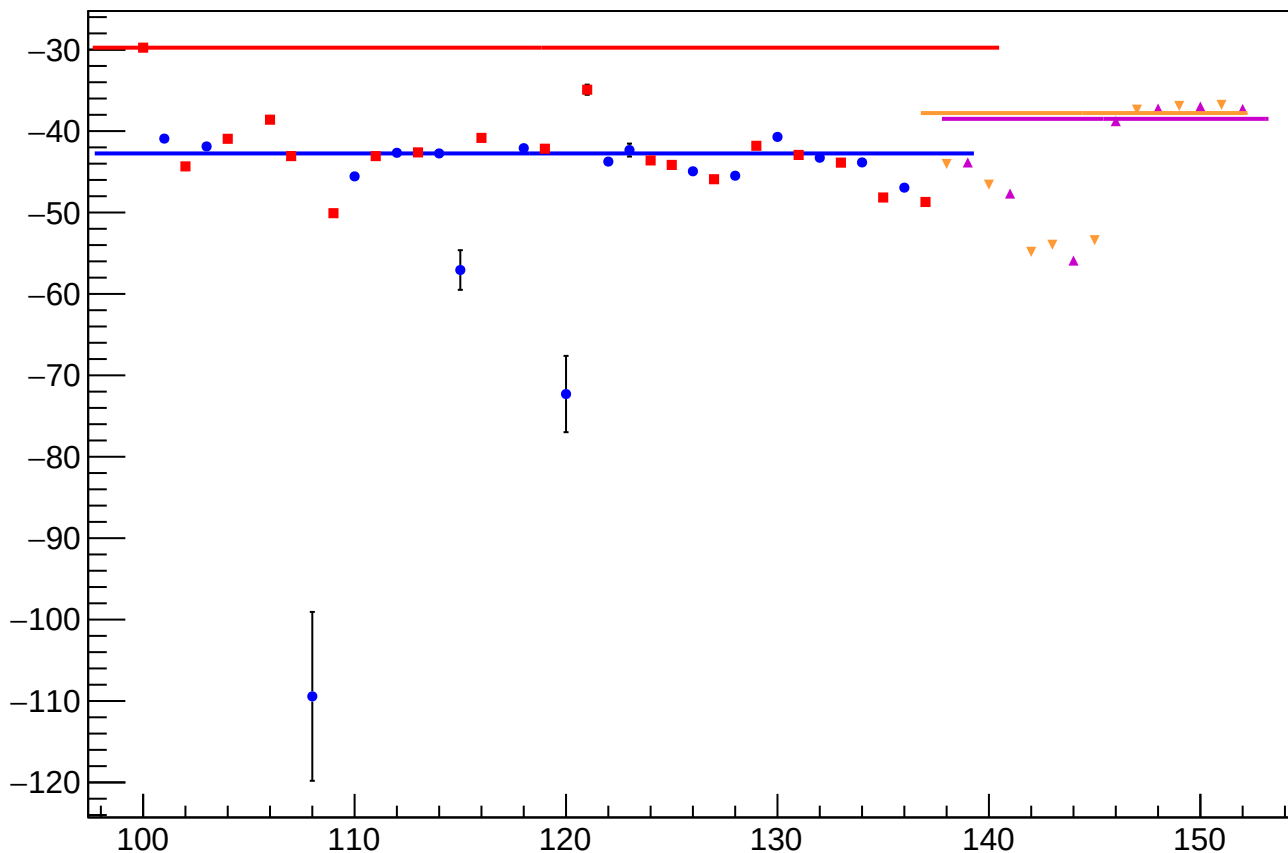
Right: 374.094 $\pm$ 0.000 χ^2 /NDF: 143328.3/35

In: 374.094 $\pm$ 0.000 χ^2 /NDF: 163864.7/23

Out: 391.163 $\pm$ 0.127 χ^2 /NDF: 185425.1/26

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 367329.6/50

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 ± 0.000 χ^2/NDF : 13262.6/16

Left Out: -37.786 ± 0.006 χ^2/NDF : 248733.2/7

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: -38.016 ± 0.005 χ^2/NDF : 390730.6/14

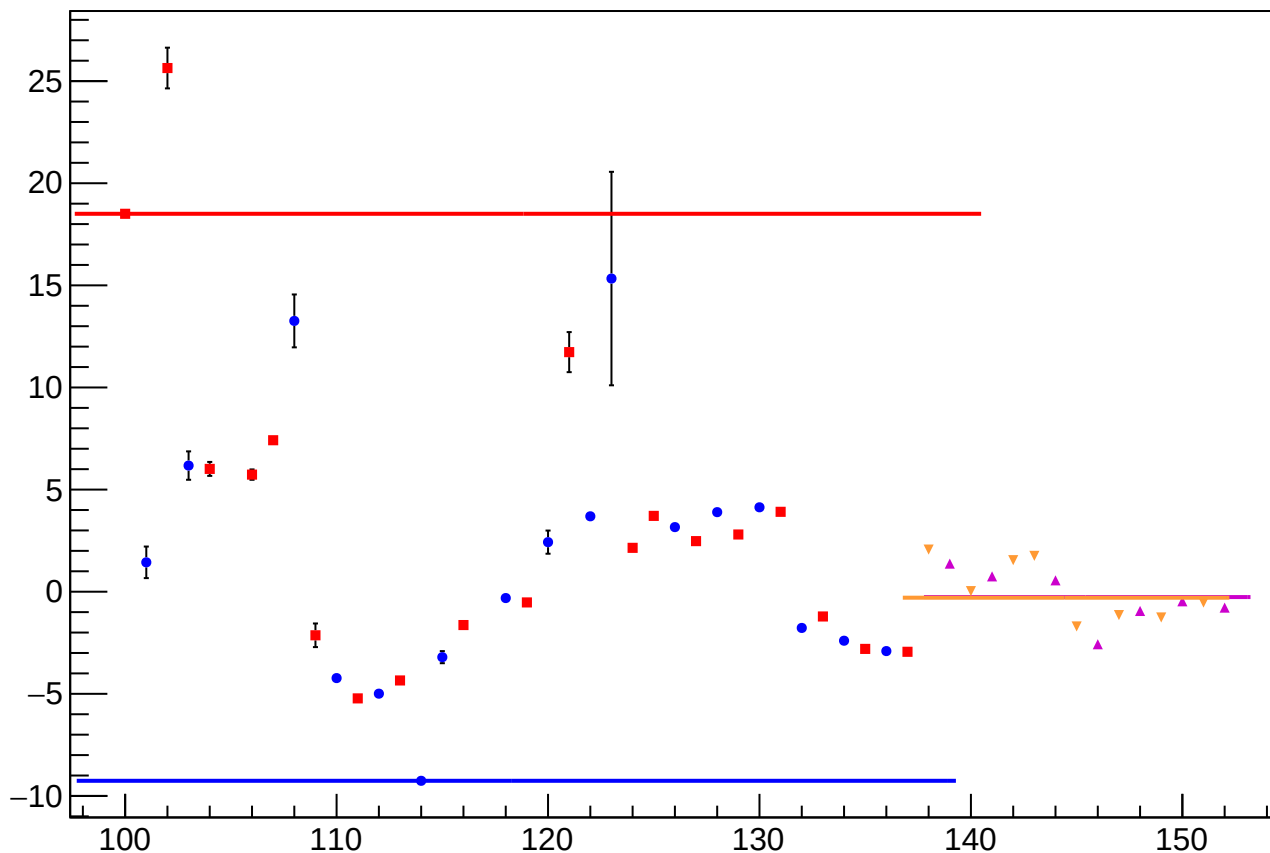
Right: -38.159 ± 0.000 χ^2/NDF : 129765212680709

In: -42.744 ± 0.000 χ^2/NDF : 391676.1/23

Out: -29.754 ± 0.000 χ^2/NDF : 2522780.2/26

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: -0.293 ± 0.011 χ^2/NDF : 10774.5/7

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: -0.278 ± 0.008 χ^2/NDF : 17794.3/14

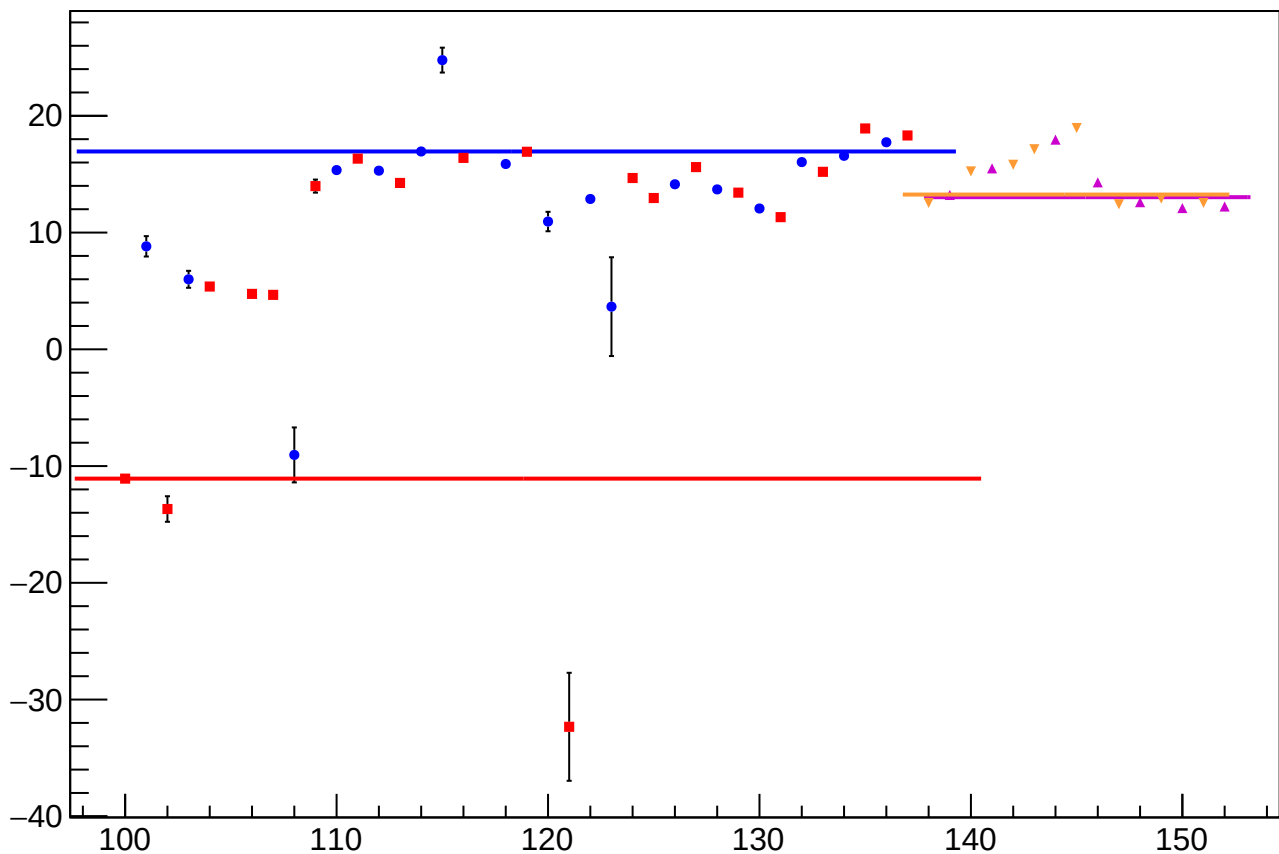
Right: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

In: -9.259 ± 0.000 χ^2/NDF : 1030526.4/23

Out: 18.504 ± 0.000 χ^2/NDF : 10130678.2/26

All: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.256 $\pm$ 0.012 χ^2 /NDF:12845.8/7

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

Left In: 13.031 $\pm$ 0.014 χ^2 /NDF:9420.4/6

Left: 13.159 $\pm$ 0.009 χ^2 /NDF: 22412.1/14

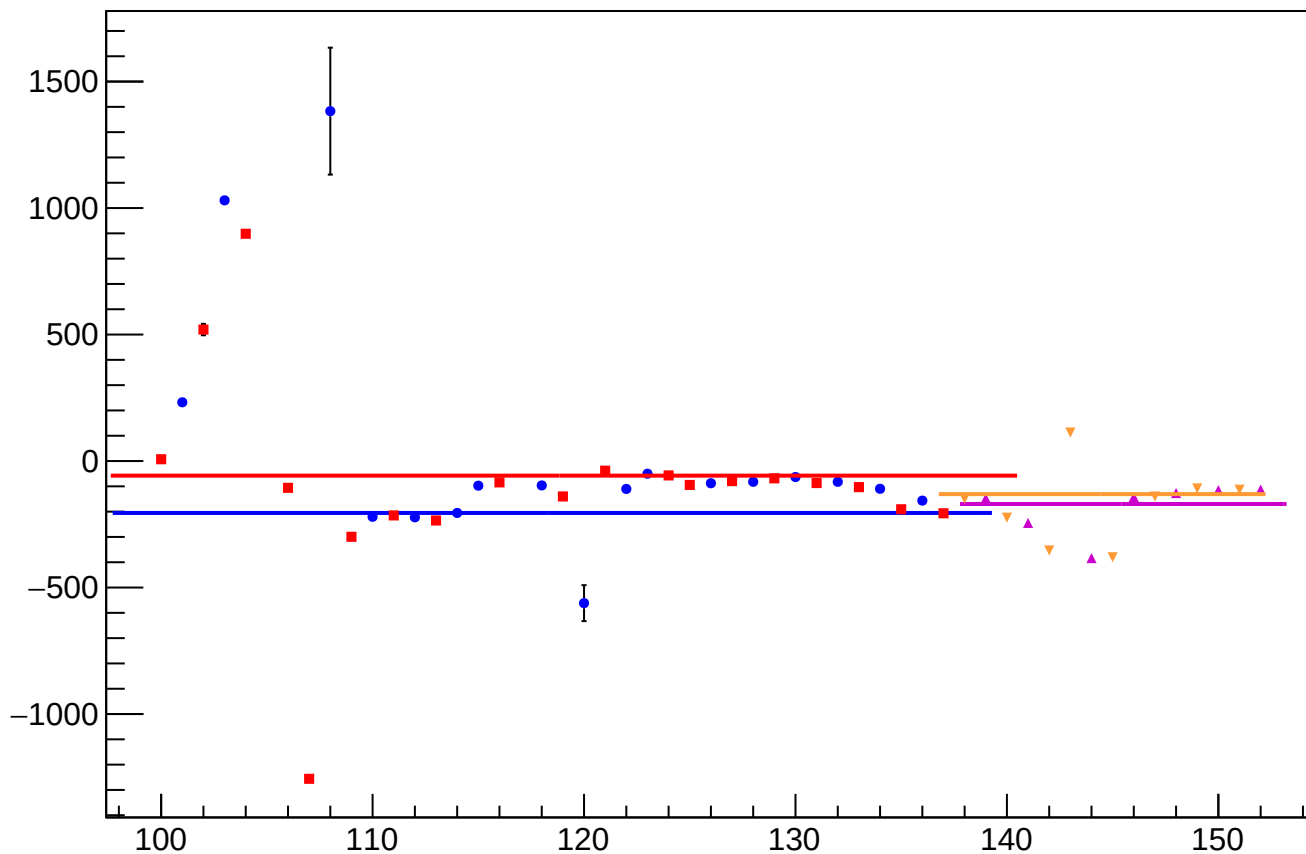
Right: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635666

In: 16.947 $\pm$ 0.000 χ^2 /NDF:99057.8/23

Out: -11.075 $\pm$ 0.000 χ^2 /NDF:6683598.6/26

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -130.696+/-0.390 χ^2/NDF : 42233.0/7

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

Left In: -169.758+/-0.445 χ^2/NDF : 37072.0/6

Left: -147.684+/-0.293 χ^2/NDF : 83658.7/14

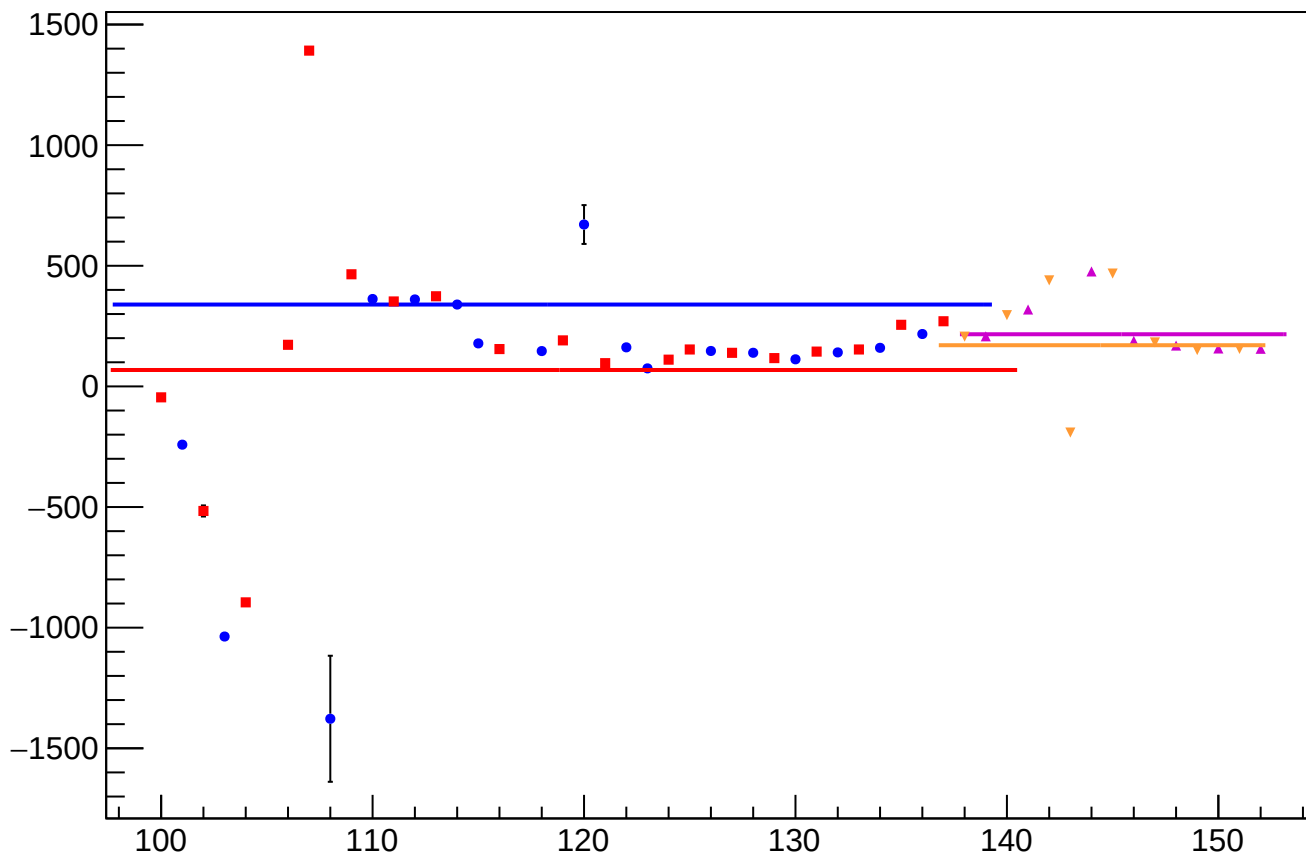
Right: -205.160+/-0.000 χ^2/NDF : 968522.3/35

In: -205.160+/-0.000 χ^2/NDF : 626175.2/23

Out: -82.874+/-0.229 χ^2/NDF : 179995.8/26

All: -205.160+/-0.000 χ^2/NDF : 1090533.6/50

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 170.699+/-0.397 χ^2/NDF : 77708.2/7

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: 190.267+/-0.300 χ^2/NDF : 126868.8/14

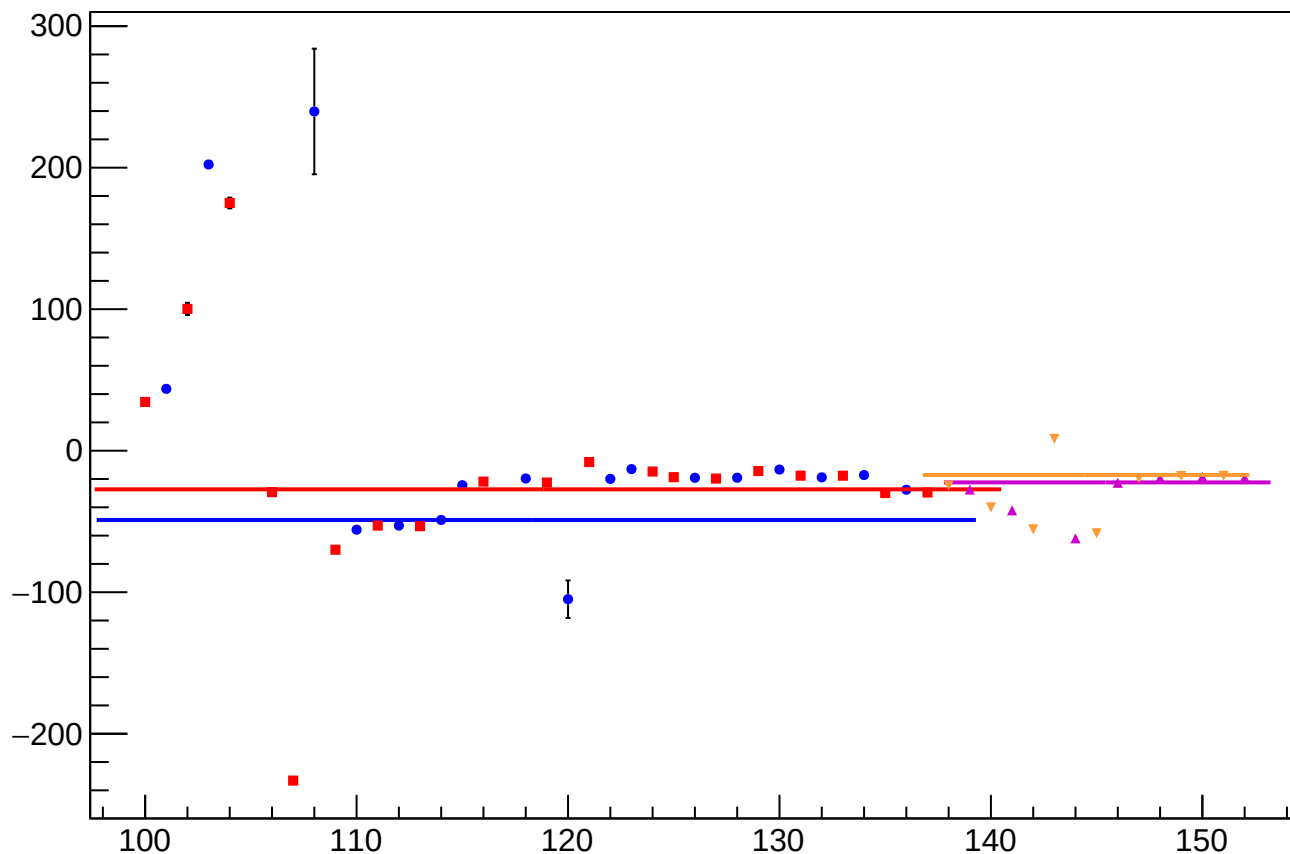
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1146784.7/23

Out: 103.128+/-0.232 χ^2/NDF : 394079.0/26

All: 339.325+/-0.000 χ^2/NDF : 2576668.2/50

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 $\pm$ 0.000 χ^2 /NDF: 5408370.4/16

Left Out: -17.158 $\pm$ 0.018 χ^2 /NDF: 528365.1/7

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: -18.853 $\pm$ 0.015 χ^2 /NDF: 675257.1/14

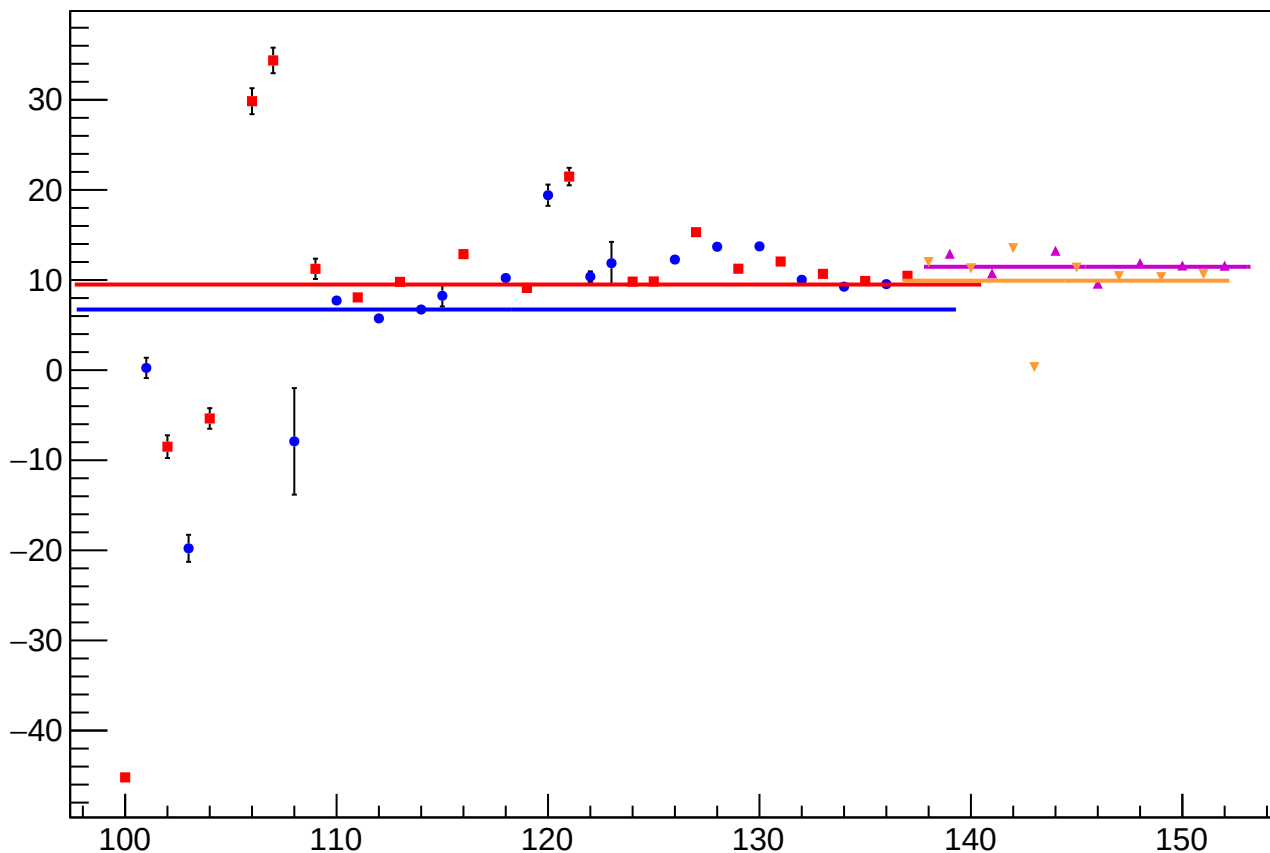
Right: -48.945 $\pm$ 0.000 χ^2 /NDF: 5751523.0/35

In: -48.945 $\pm$ 0.000 χ^2 /NDF: 6600940.5/23

Out: -18.223 $\pm$ 0.017 χ^2 /NDF: 730715.6/26

All: -48.945 $\pm$ 0.000 χ^2 /NDF: 10698974.4/50

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 9.929 ± 0.026 χ^2/NDF : 20675.5/7

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

Left In: 11.471 ± 0.021 χ^2/NDF : 2191.3/6

Left: 10.844 ± 0.016 χ^2/NDF : 24974.0/14

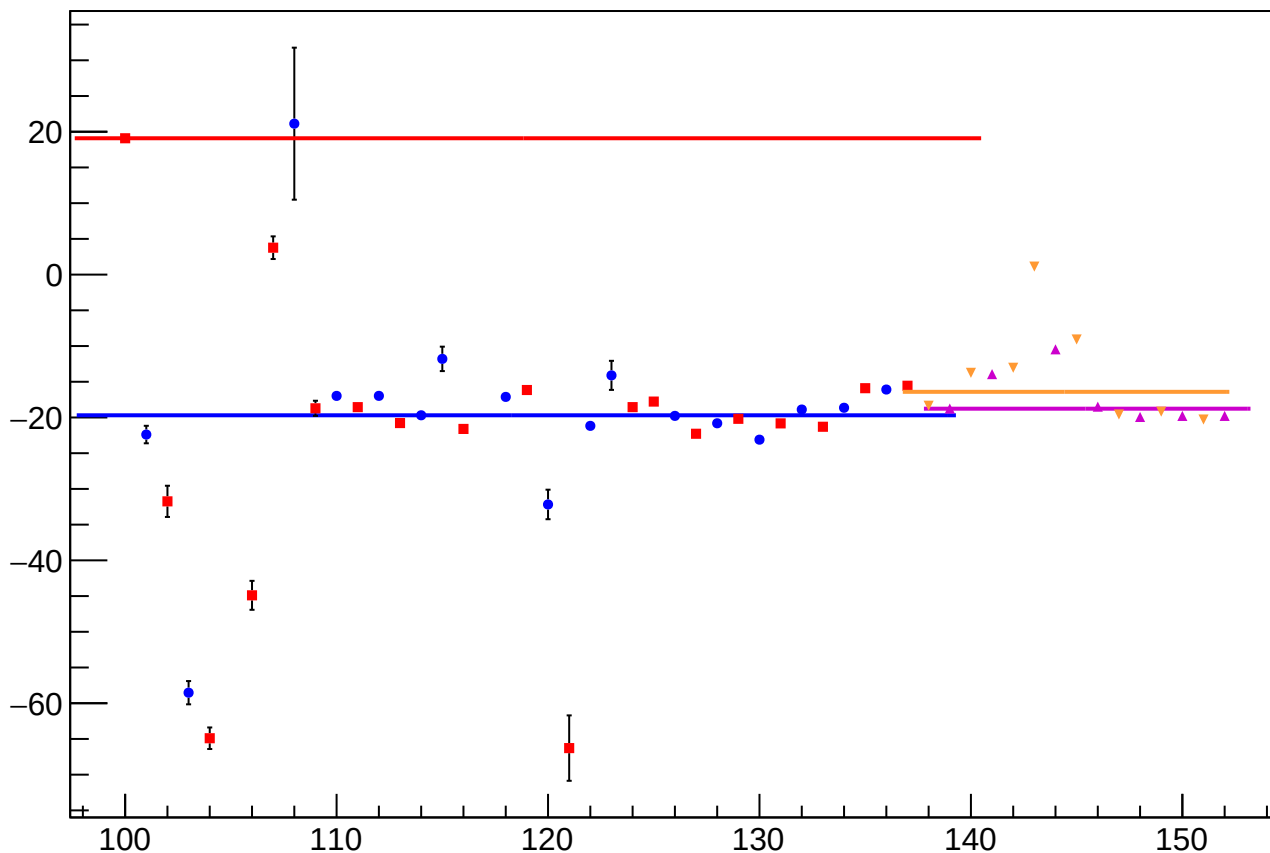
Right: 6.728 ± 0.000 χ^2/NDF : 46635.2/35

In: 6.728 ± 0.000 χ^2/NDF : 65023.5/23

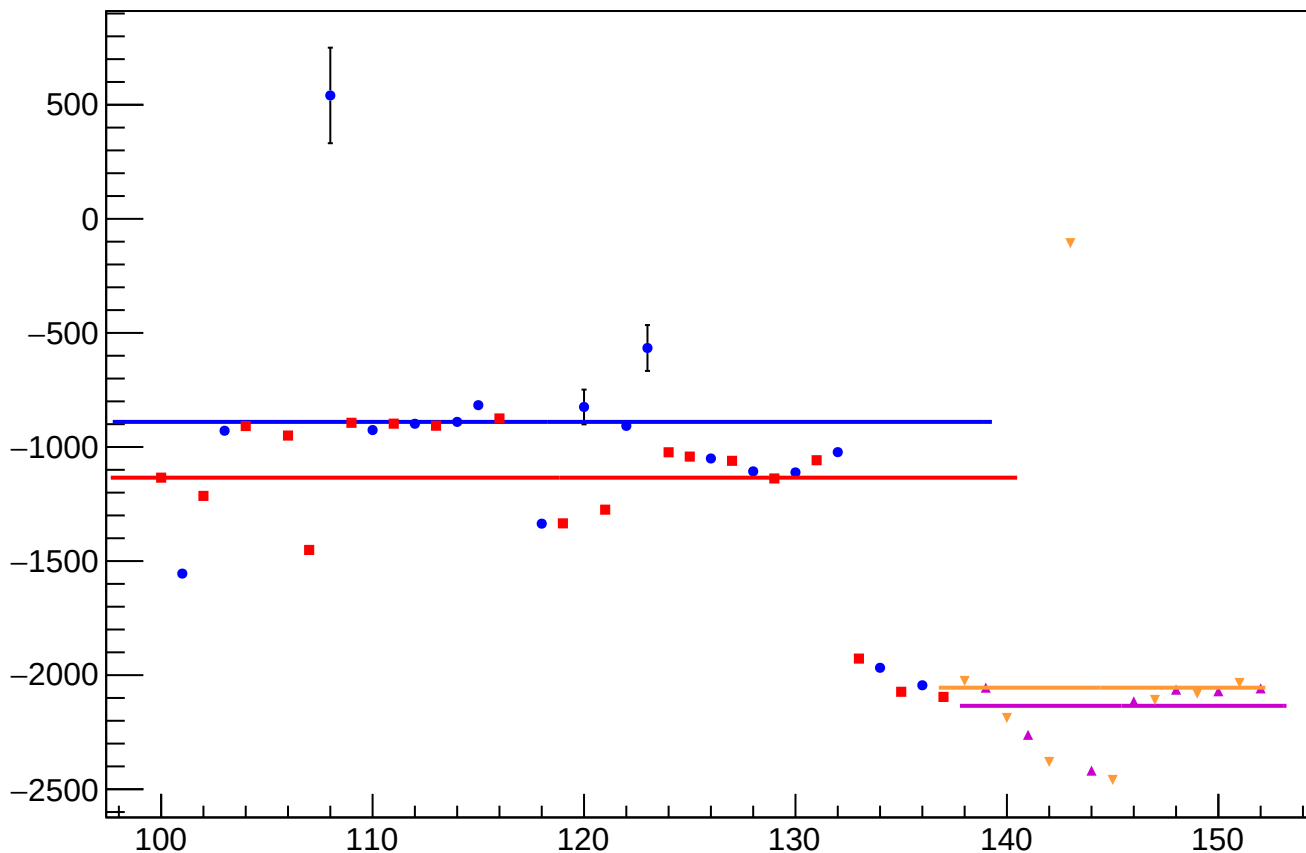
Out: 9.781 ± 0.021 χ^2/NDF : 47591.6/26

All: 6.728 ± 0.000 χ^2/NDF : 133870.3/50

dit_atl1_4eY_slope vs Slug, Sign Corrected



dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2054.967+/-0.711 χ^2/NDF : 255649.3/7

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

Left In: -2134.462+/-0.702 χ^2/NDF : 30924.0/6

Left: -2095.201+/-0.500 χ^2/NDF : 292903.1/14

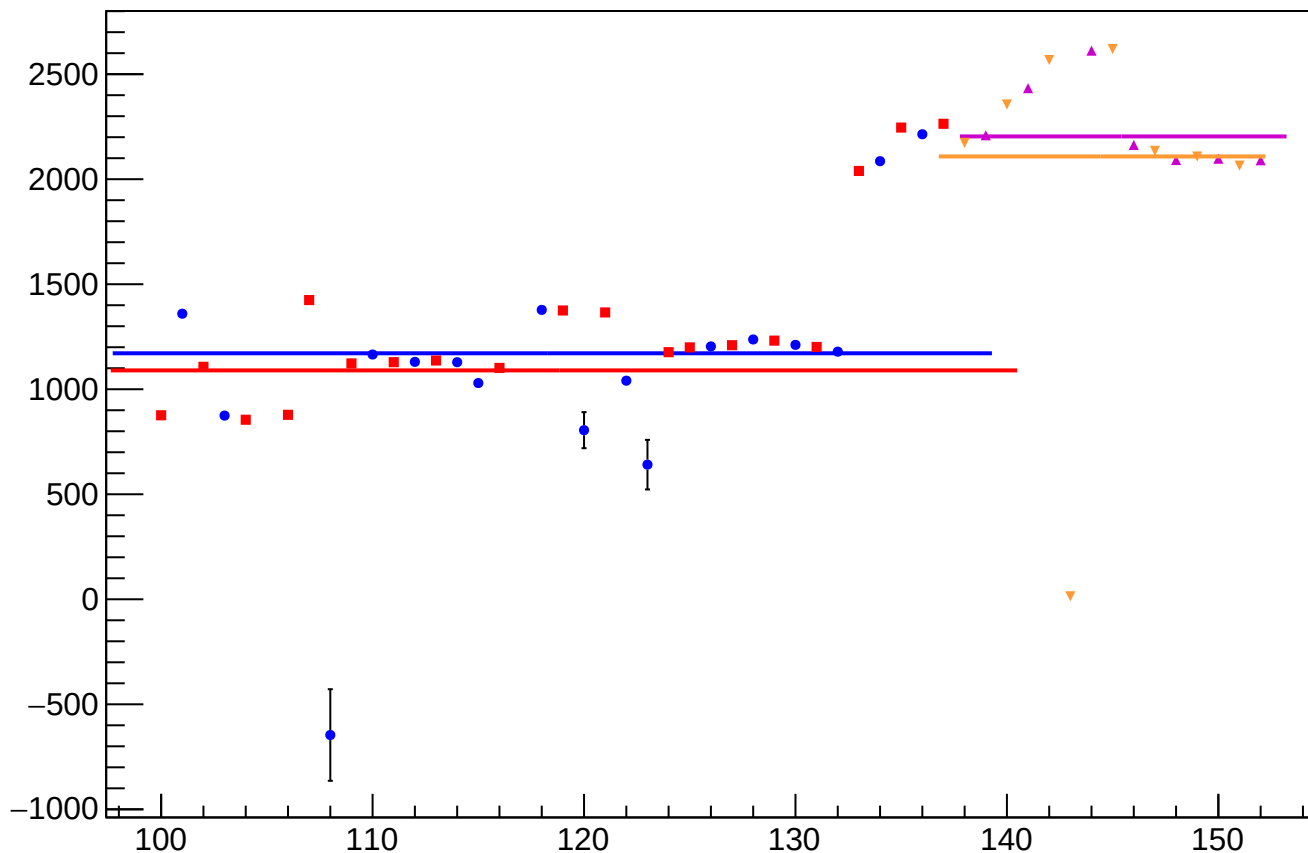
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF : 3948122.4/23

Out: -1134.421+/-0.000 χ^2/NDF : 2666535.3/26

All: -976.220+/-0.000 χ^2/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: 2108.287 $\pm$ 0.705 χ^2 /NDF:297387.3/7

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: 2154.750 $\pm$ 0.505 χ^2 /NDF: 360788.4/14

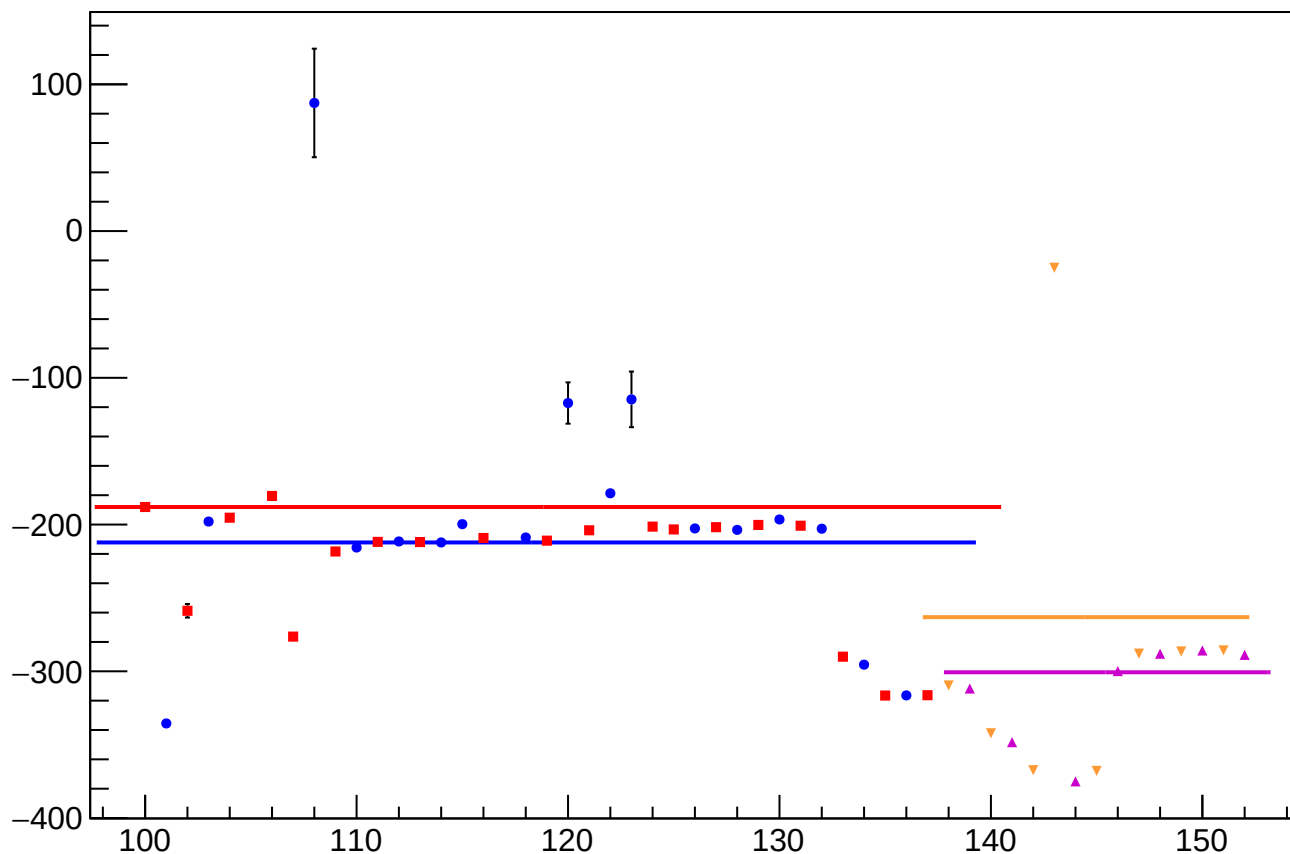
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1277.538 $\pm$ 0.232 χ^2 /NDF:2387318.8/23

Out: 1206.183 $\pm$ 0.239 χ^2 /NDF:3244747.3/26

All: 1242.788 $\pm$ 0.166 χ^2 /NDF: 5677978.6/50

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -263.109 ± 0.039 $\chi^2/\text{NDF}: 5383350.8/7$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

Left In: -300.668 ± 0.049 $\chi^2/\text{NDF}: 269680.3/6$

Left: -277.644 ± 0.030 $\chi^2/\text{NDF}: 6013665.1/14$

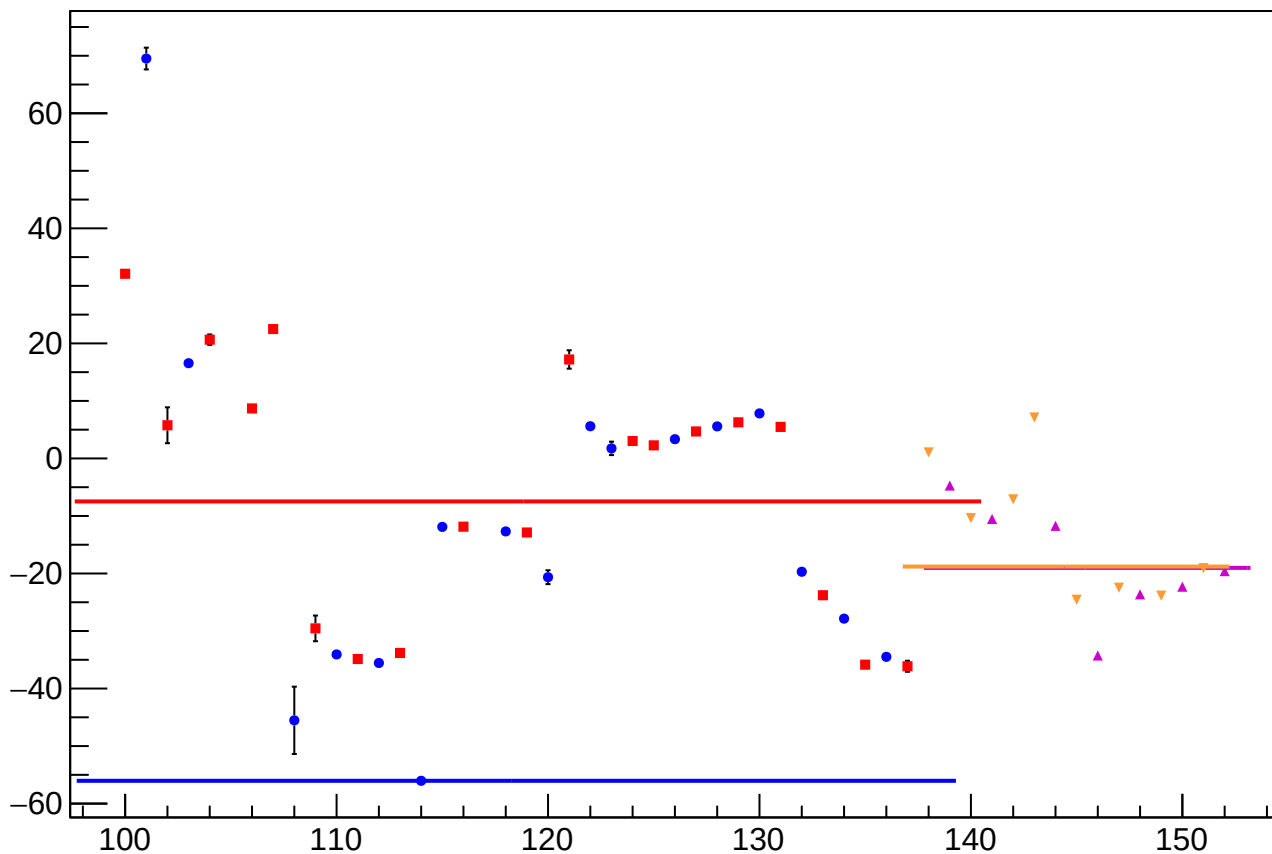
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 4683660.2/23$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 9709016.9/26$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -18.793 $\pm$ 0.042 χ^2 /NDF: 41562.8/7

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

Left In: -19.025 $\pm$ 0.039 χ^2 /NDF: 24919.8/6

Left: -18.917 $\pm$ 0.028 χ^2 /NDF: 66499.2/14

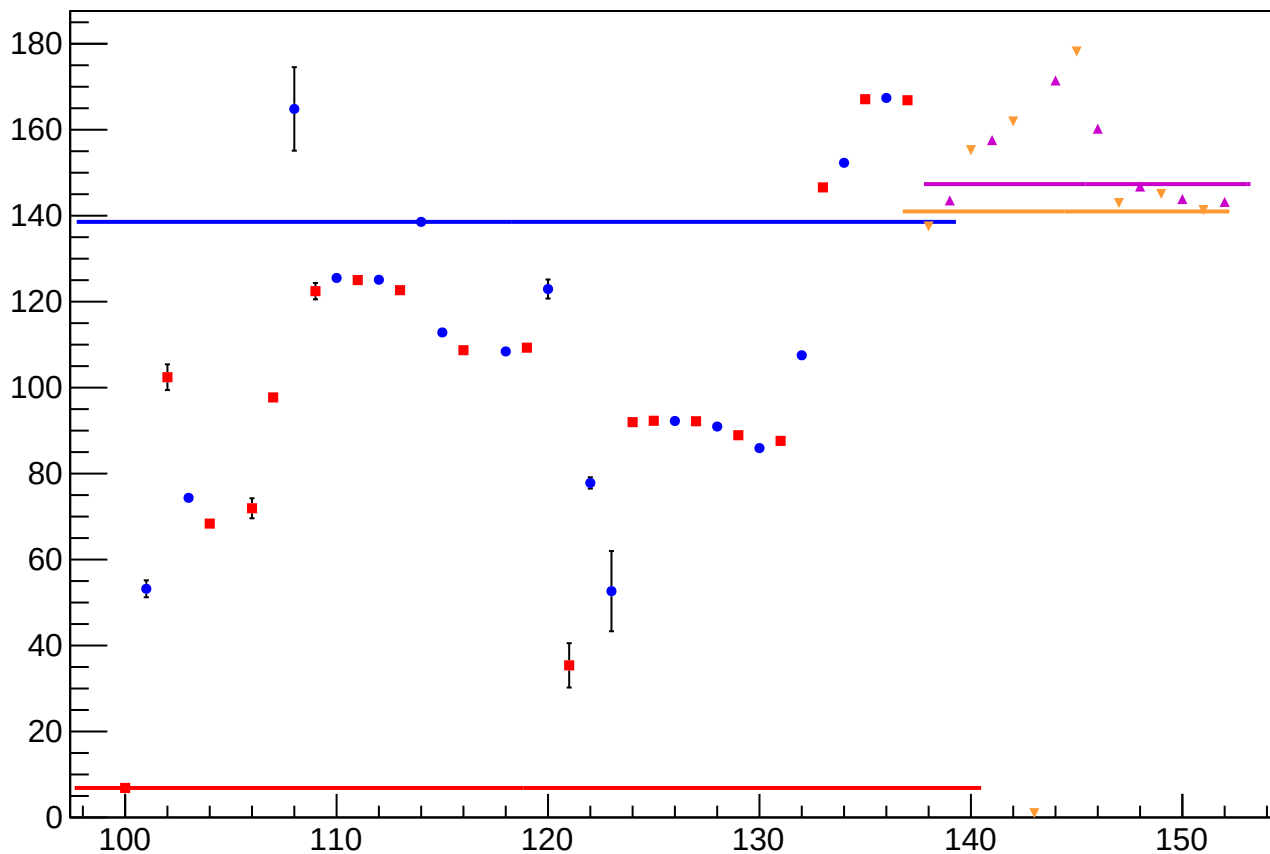
Right: -56.037 $\pm$ 0.000 χ^2 /NDF: 3084882.3/35

In: -56.037 $\pm$ 0.000 χ^2 /NDF: 2510762.6/23

Out: -13.194 $\pm$ 0.030 χ^2 /NDF: 251827.9/26

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 4848083.2/50

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 ± 0.000 χ^2/NDF : 901159.7/16

Left Out: 140.987 ± 0.045 χ^2/NDF : 301366.6/7

Right Out: 6.866 ± 0.000 χ^2/NDF : 8047391.7/18

Left In: 147.355 ± 0.047 χ^2/NDF : 17987.1/6

Left: 144.054 ± 0.033 χ^2/NDF : 328814.8/14

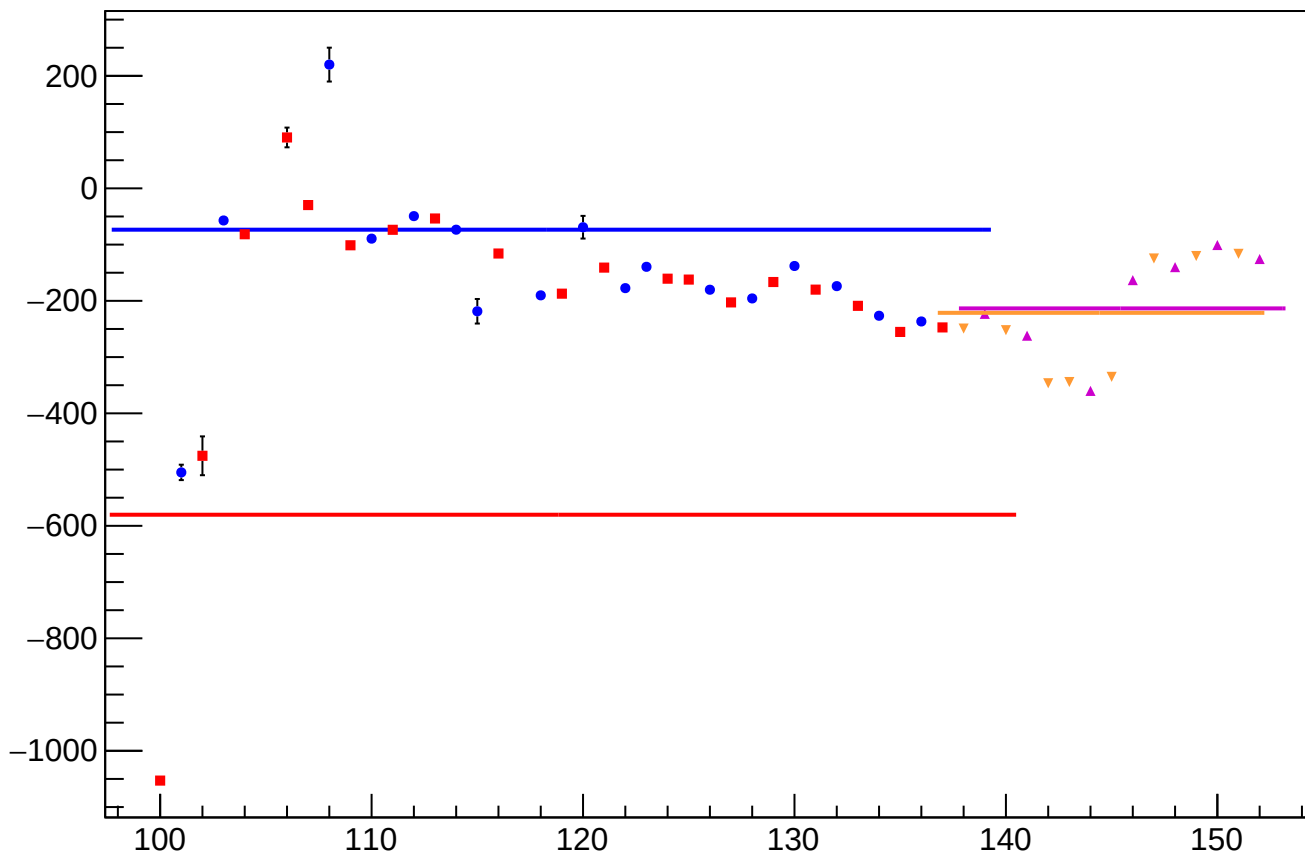
Right: 7.101 ± 0.000 χ^2/NDF : 23576822681928678

In: 138.565 ± 0.000 χ^2/NDF : 953915.3/23

Out: 6.866 ± 0.000 χ^2/NDF : 17062684.4/26

All: 7.101 ± 0.000 χ^2/NDF : 23576822681928

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -221.302+/-0.388 χ^2/NDF : 47822.2/7

Right Out: -580.262+/-0.261 χ^2/NDF : 3031609.5/18

Left In: -213.430+/-0.413 χ^2/NDF : 45174.9/6

Left: -217.614+/-0.283 χ^2/NDF : 93189.9/14

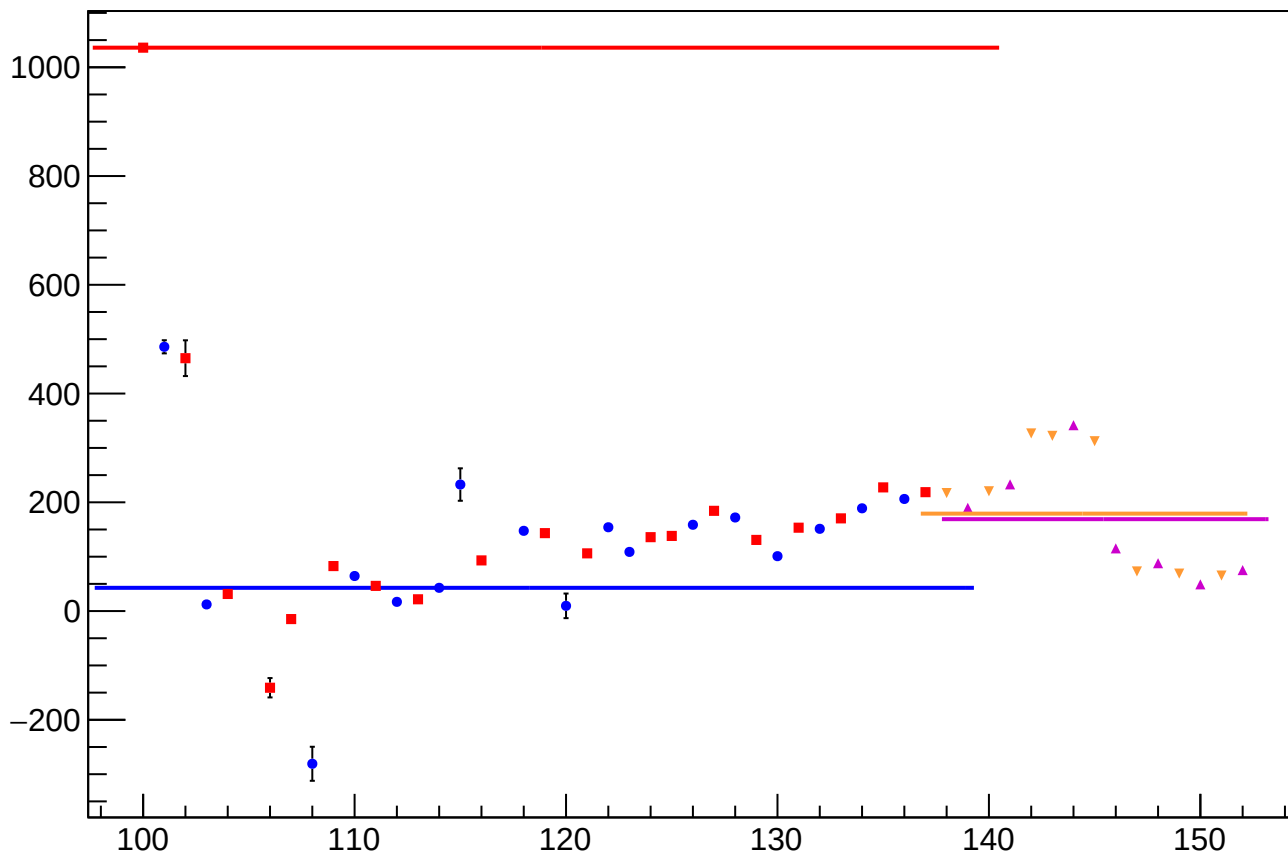
Right: -73.485+/-0.000 χ^2/NDF : 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF : 258502.4/23

Out: -468.508+/-0.217 χ^2/NDF : 3668577.3/26

All: -73.485+/-0.000 χ^2/NDF : 7254782.9/50

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 179.176+/-0.398 χ^2/NDF : 59416.9/7

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: 174.426+/-0.291 χ^2/NDF : 113063.6/14

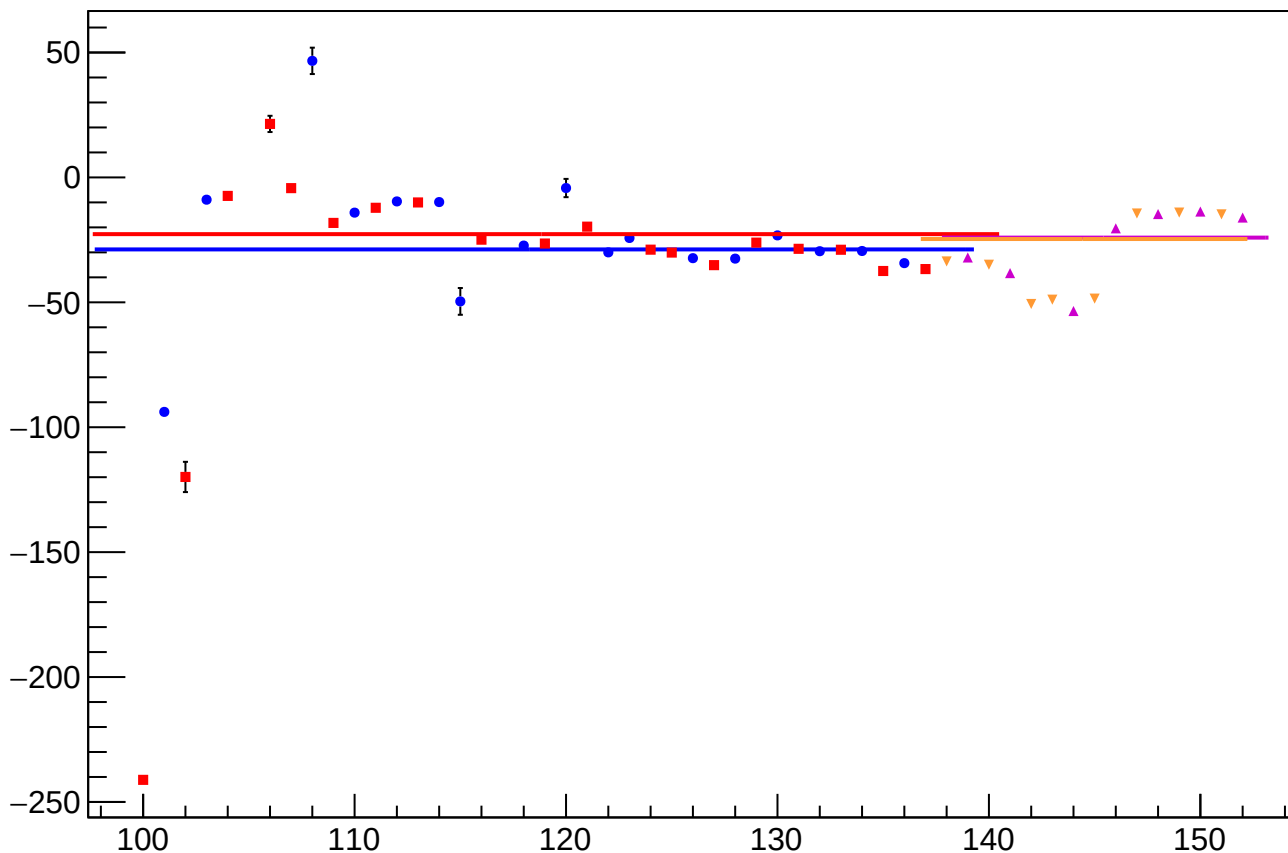
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF : 225875.3/23

Out: 1036.068+/-0.000 χ^2/NDF : 9637692.3/26

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: -24.660 ± 0.022 $\chi^2/\text{NDF}: 287279.9/7$

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: -24.450 ± 0.017 $\chi^2/\text{NDF}: 444855.7/14$

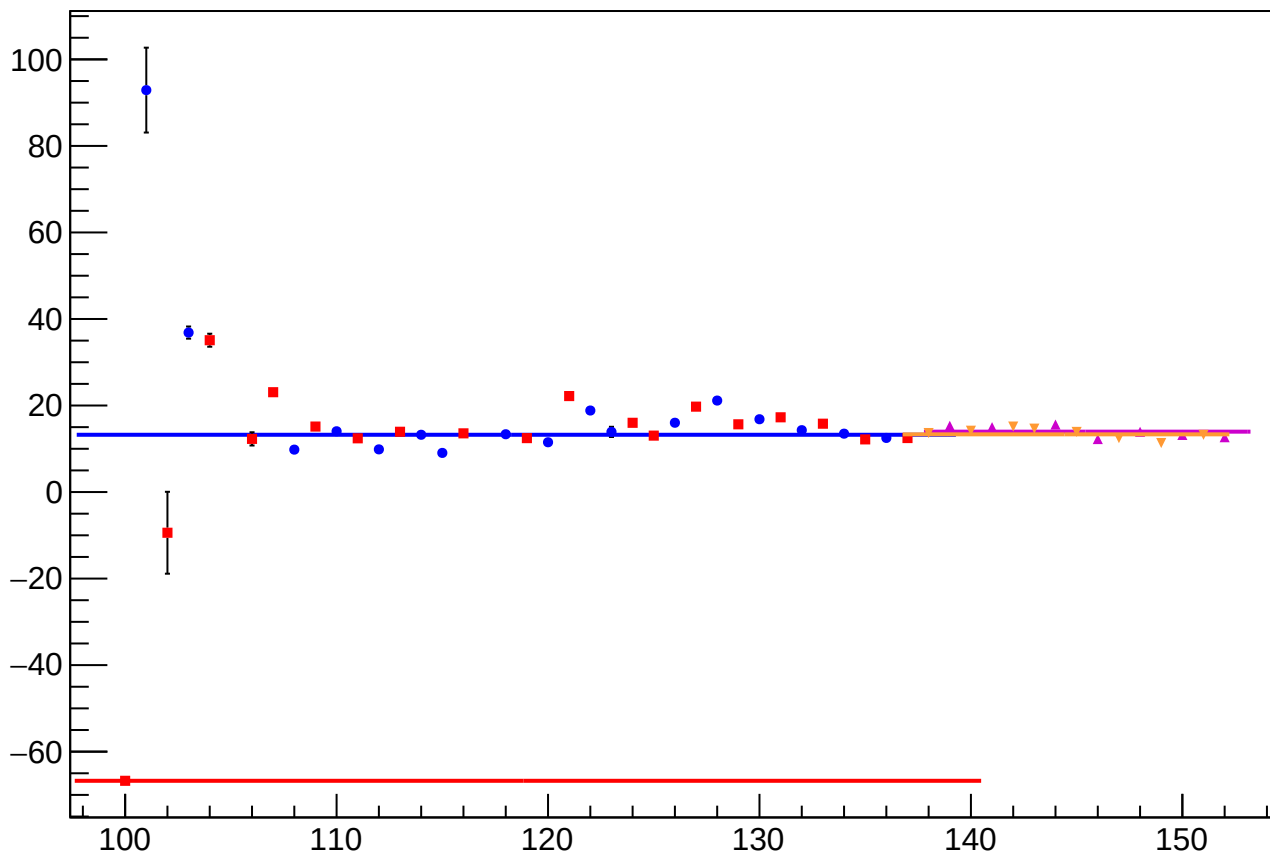
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -25.988 ± 0.022 $\chi^2/\text{NDF}: 217926.9/23$

Out: -24.174 ± 0.019 $\chi^2/\text{NDF}: 699430.0/26$

All: -24.950 ± 0.014 $\chi^2/\text{NDF}: 921259.3/50$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.338+/-0.025 χ^2/NDF : 2267.9/7

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: 13.661+/-0.017 χ^2/NDF : 5238.0/14

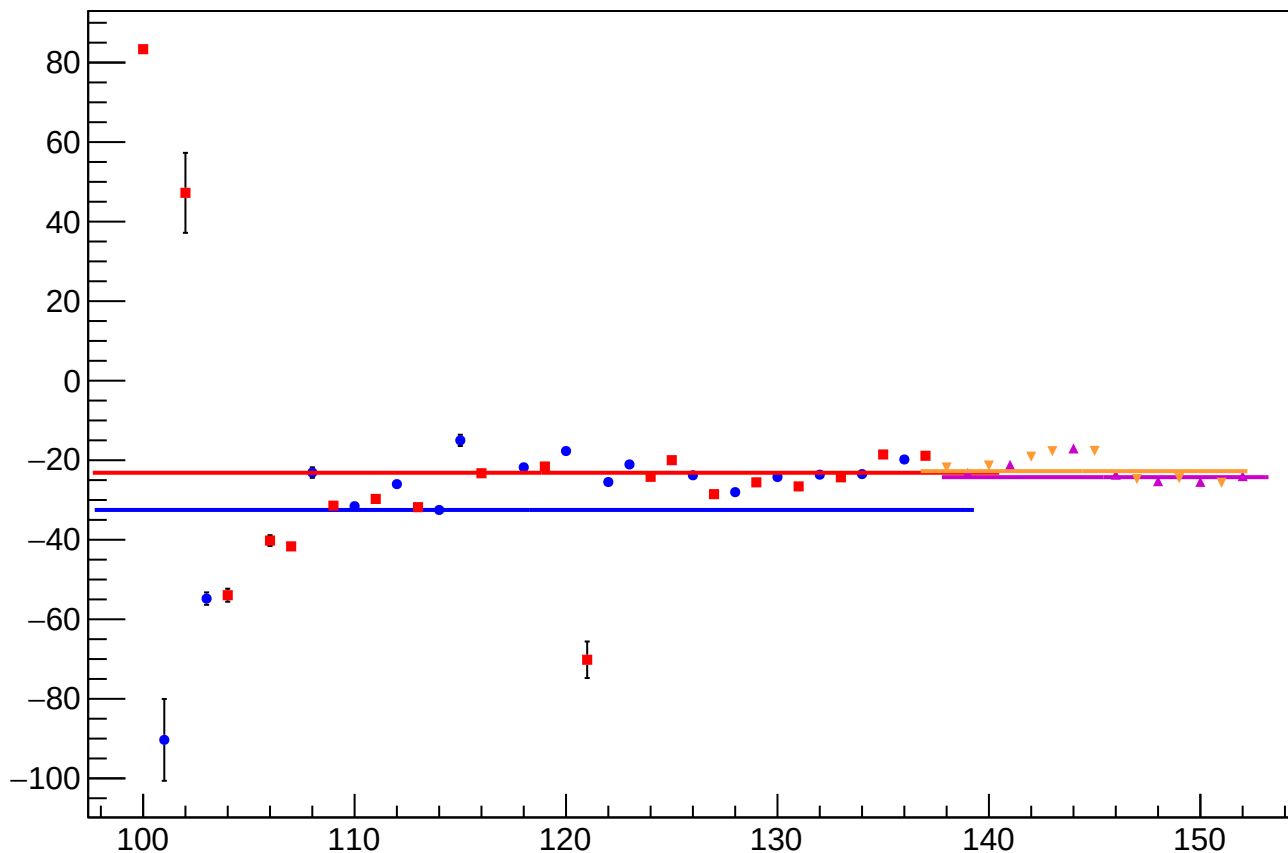
Right: 12.562+/-0.000 χ^2/NDF : 1884310027651005

In: 13.238+/-0.000 χ^2/NDF : 9327.6/23

Out: -66.739+/-0.000 χ^2/NDF : 13627890.5/26

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: -22.741 ± 0.028 χ^2/NDF : 10839.6/7

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: -23.514 ± 0.019 χ^2/NDF : 17645.8/14

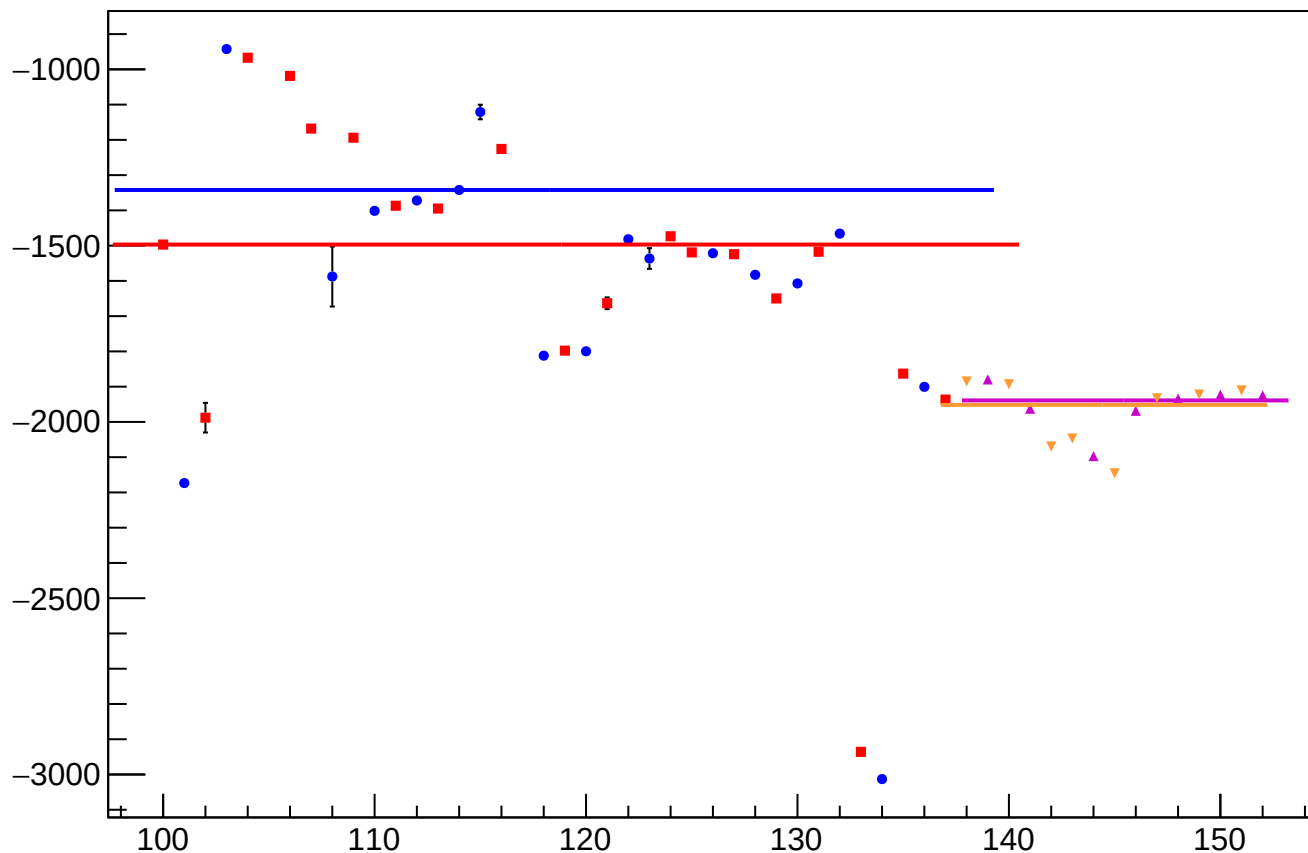
Right: -32.504 ± 0.000 χ^2/NDF : 203519.3/35

In: -32.504 ± 0.000 χ^2/NDF : 172369.9/23

Out: -22.844 ± 0.024 χ^2/NDF : 101644.6/26

All: -32.504 ± 0.000 χ^2/NDF : 438072.2/50

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1951.793+/-0.616 χ^2/NDF :13564.2/7

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: -1943.316+/-0.357 χ^2/NDF : 27506.2/14

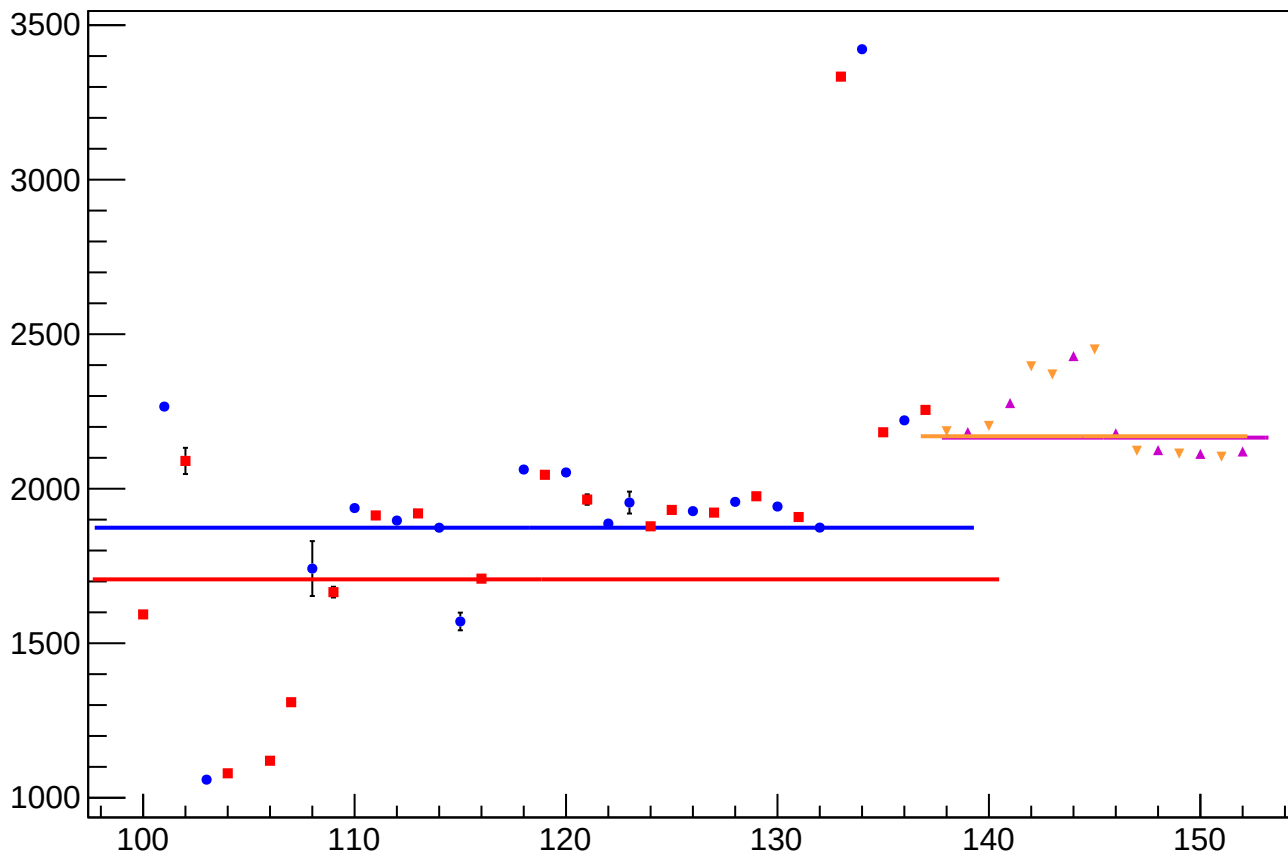
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF :2235361.5/23

Out: -1496.932+/-0.000 χ^2/NDF :1063380.6/26

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2169.788 ± 0.625 $\chi^2/\text{NDF}: 26982.0/7$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

Left In: 2165.368 ± 0.443 $\chi^2/\text{NDF}: 35269.3/6$

Left: 2166.843 ± 0.361 $\chi^2/\text{NDF}: 62284.6/14$

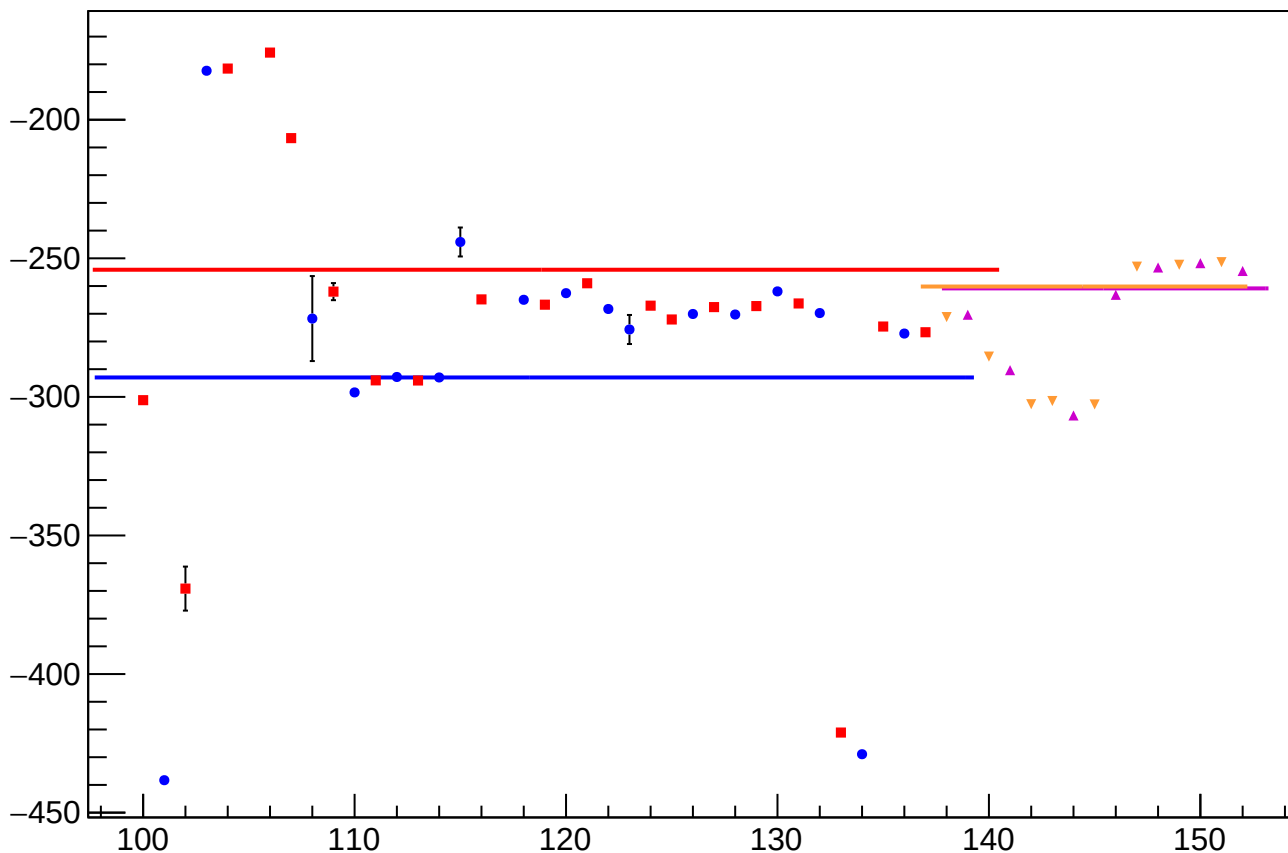
Right: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 1344906.8/35$

In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 670428.0/23$

Out: 1794.464 ± 0.272 $\chi^2/\text{NDF}: 1309150.1/26$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 2064610.8/50$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -260.177+/-0.036 χ^2/NDF :189285.0/7

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

Left In: -260.854+/-0.031 χ^2/NDF :229383.3/6

Left: -260.564+/-0.024 χ^2/NDF : 418868.1/14

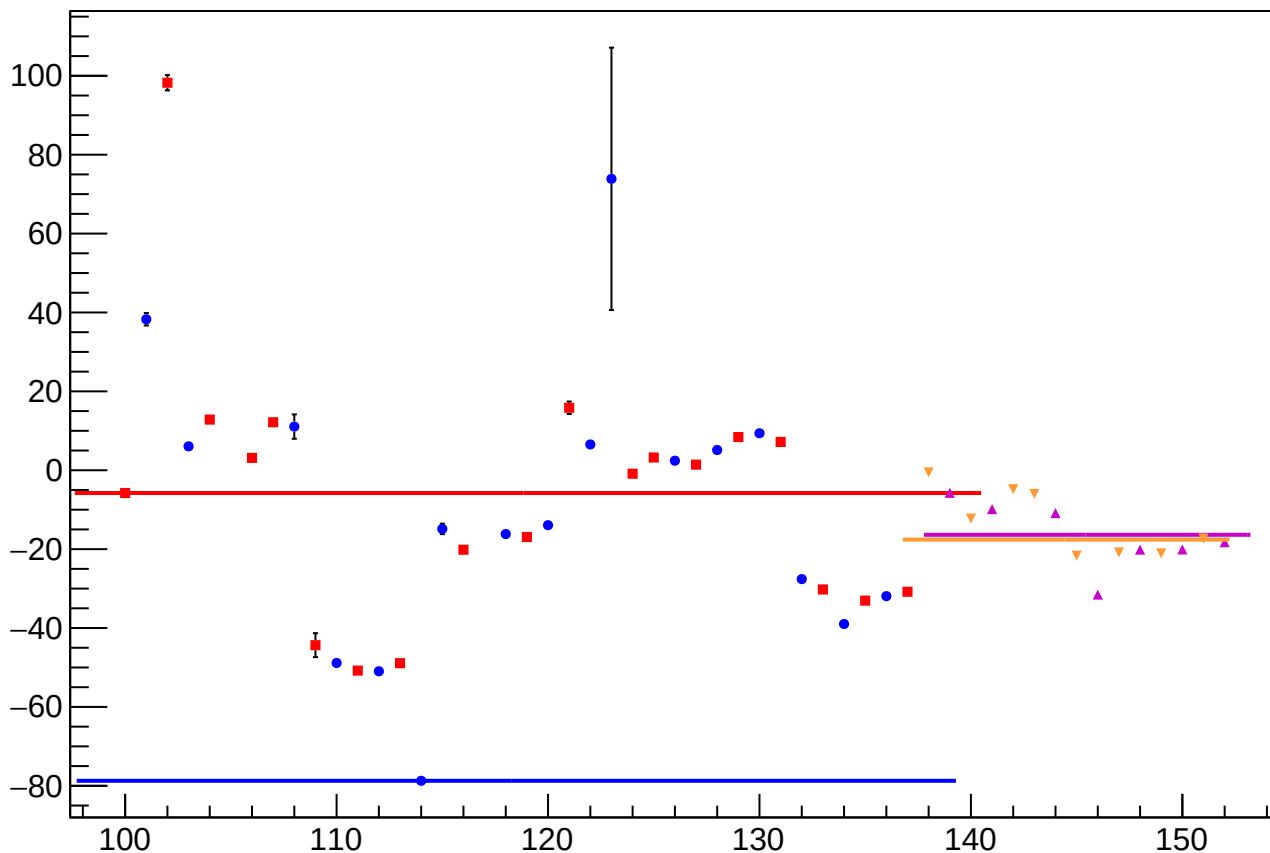
Right: -292.986+/-0.000 χ^2/NDF : 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF :2295076.0/23

Out: -258.519+/-0.031 χ^2/NDF :699601.7/26

All: -292.986+/-0.000 χ^2/NDF : 4241927.3/50

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728 ± 0.000 χ^2/NDF : 1399088.3/16

Left Out: -17.581 ± 0.038 χ^2/NDF : 17941.6/7

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: -16.909 ± 0.026 χ^2/NDF : 44324.2/14

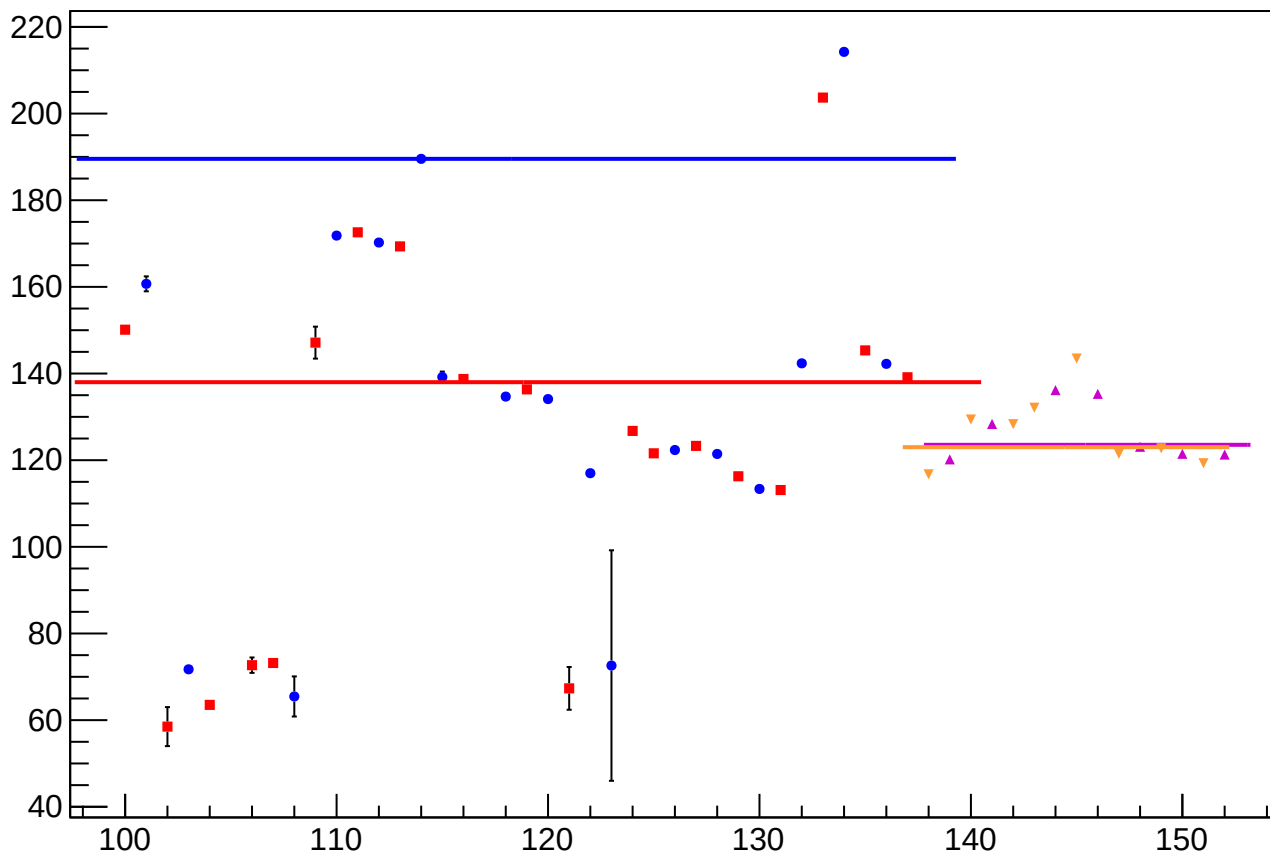
Right: -6.288 ± 0.000 χ^2/NDF : 2878797679293380

In: -78.728 ± 0.000 χ^2/NDF : 4669182.1/23

Out: -5.769 ± 0.000 χ^2/NDF : 223863.9/26

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: 123.005 ± 0.044 χ^2/NDF : 9095.3/7

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: 123.297 ± 0.030 χ^2/NDF : 18319.8/14

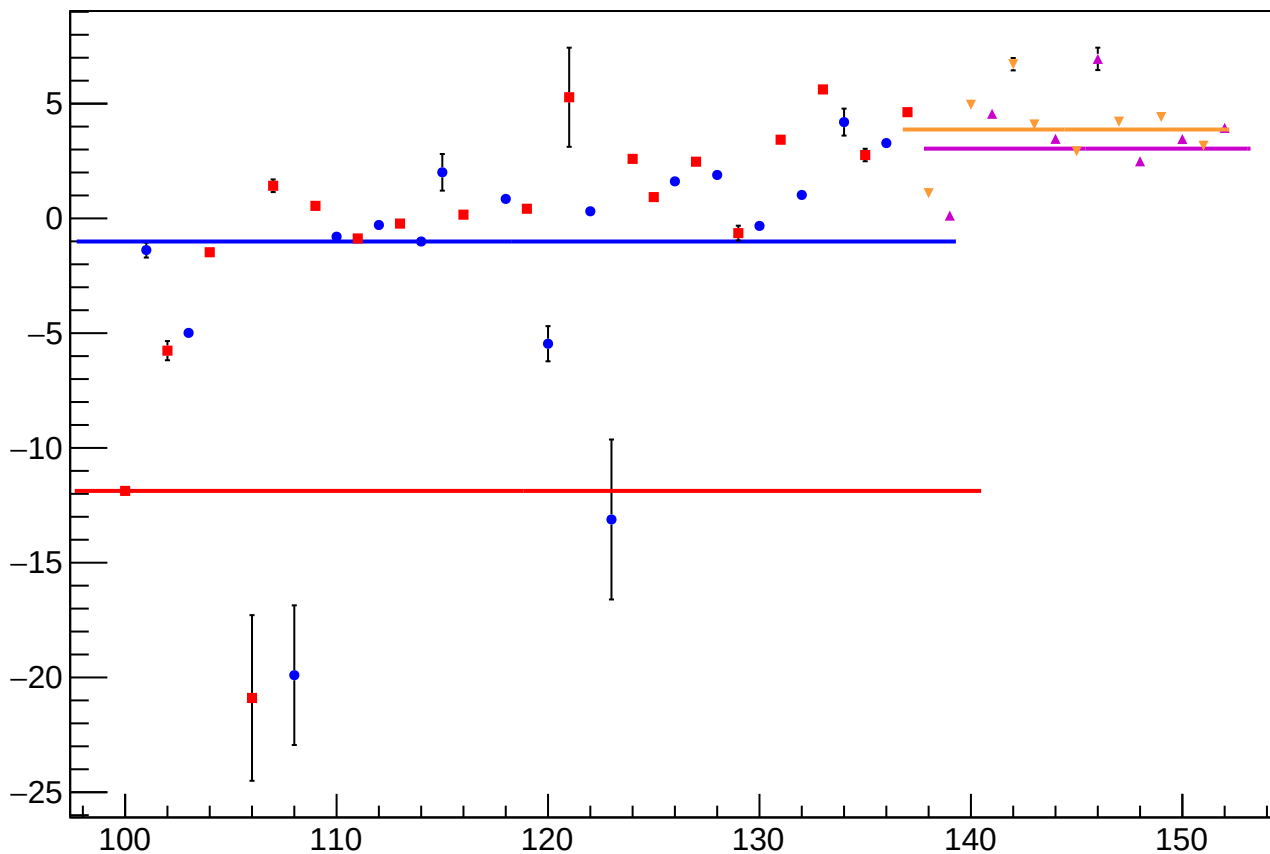
Right: 189.551 ± 0.000 χ^2/NDF : 1806450.5/35

In: 189.551 ± 0.000 χ^2/NDF : 3610948.5/23

Out: 128.305 ± 0.035 χ^2/NDF : 168135.5/26

All: 189.551 ± 0.000 χ^2/NDF : 6821374.8/50

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.872 ± 0.038 χ^2/NDF : 617.9/7

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: 3.310 ± 0.022 χ^2/NDF : 3583.6/14

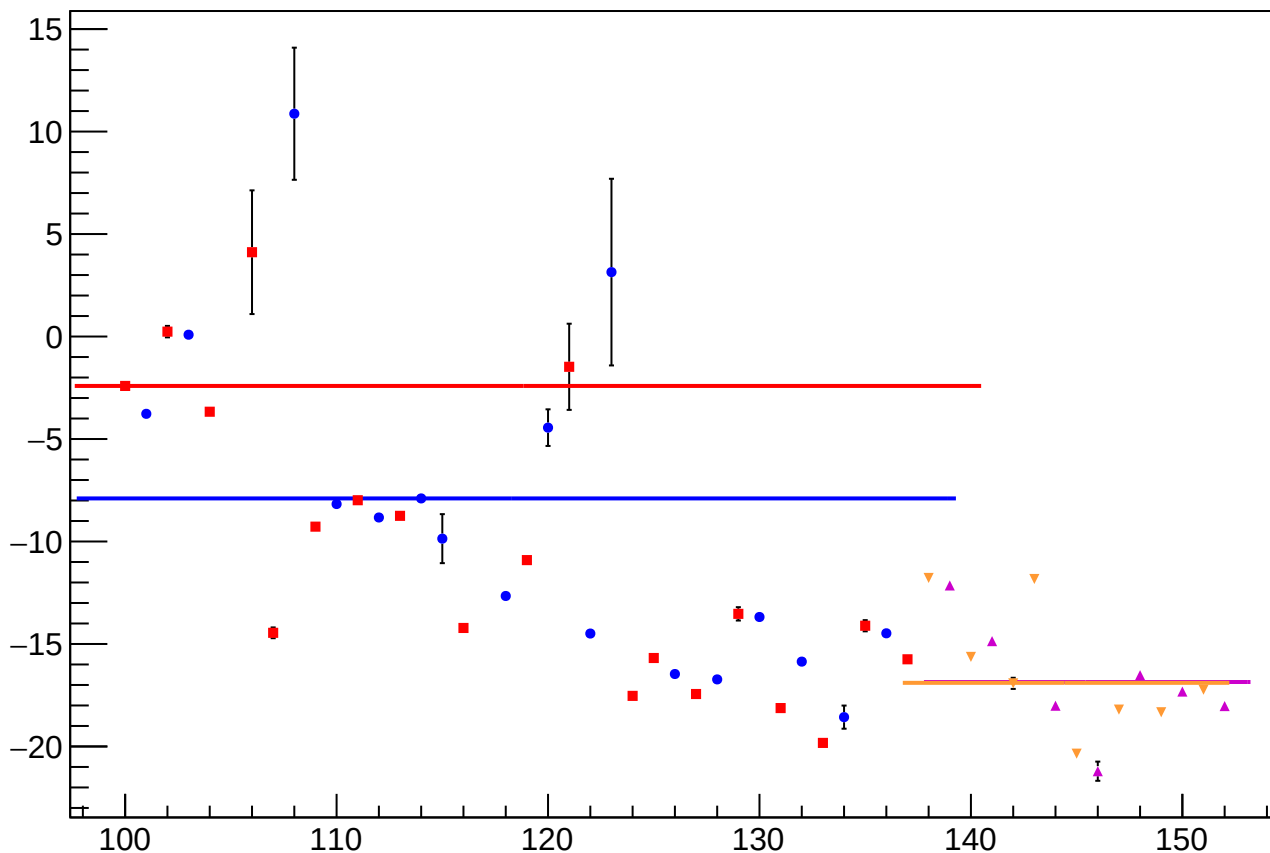
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 32928.3/23

Out: -11.872 ± 0.000 χ^2/NDF : 674177.3/26

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: -16.896 ± 0.038 χ^2/NDF : 3832.9/7

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: -16.870 ± 0.023 χ^2/NDF : 6490.0/14

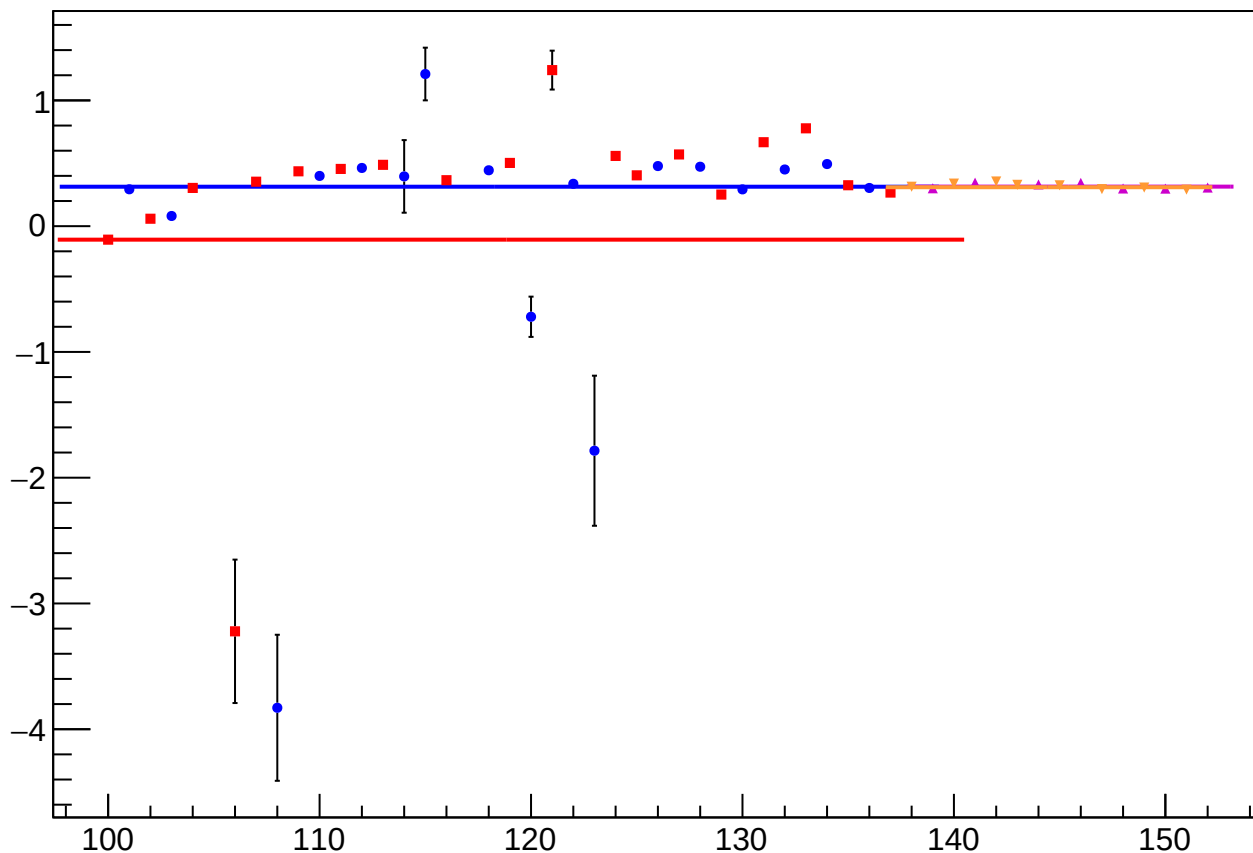
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 135686.1/23

Out: -2.410 ± 0.000 χ^2/NDF : 354156.1/26

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 $\chi^2/\text{NDF}: 2748.0/16$

Left Out: 0.310 ± 0.000 $\chi^2/\text{NDF}: 1656.7/7$

Right Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 219932.8/18$

Left In: 0.314 ± 0.000 $\chi^2/\text{NDF}: 1438.7/6$

Left: 0.312 ± 0.000 $\chi^2/\text{NDF}: 3153.7/14$

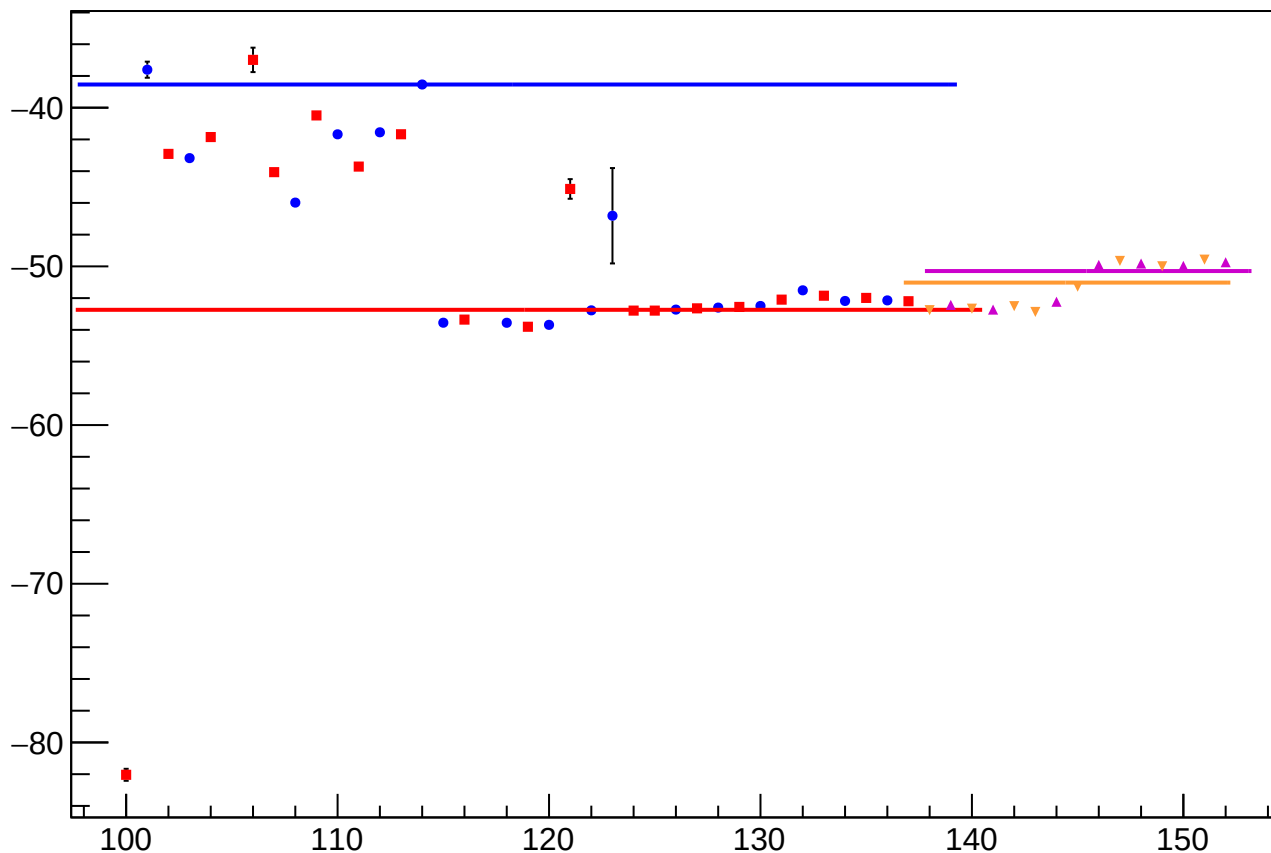
Right: -0.107 ± 0.000 $\chi^2/\text{NDF}: 409026.8/35$

In: 0.314 ± 0.000 $\chi^2/\text{NDF}: 4187.2/23$

Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 1100517.3/26$

All: -0.107 ± 0.000 $\chi^2/\text{NDF}: 2241633.9/50$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 14950854.6/16$

Left Out: -51.022 ± 0.003 $\chi^2/\text{NDF}: 185311.6/7$

Right Out: -52.737 ± 0.002 $\chi^2/\text{NDF}: 87430.2/18$

Left In: -50.294 ± 0.002 $\chi^2/\text{NDF}: 145477.8/6$

Left: -50.545 ± 0.002 $\chi^2/\text{NDF}: 360921.3/14$

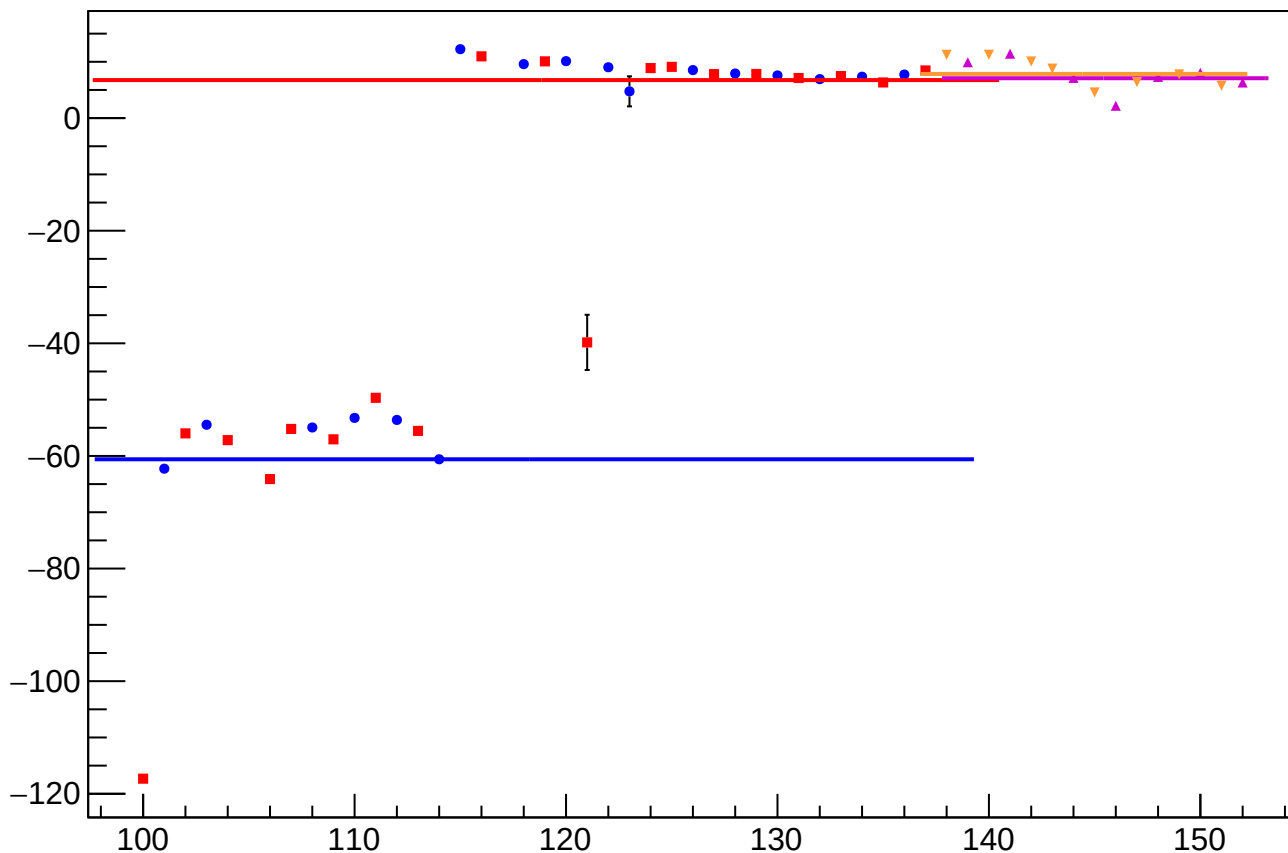
Right: -38.539 ± 0.000 $\chi^2/\text{NDF}: 72100834.2/35$

In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 37876872.7/23$

Out: -52.334 ± 0.002 $\chi^2/\text{NDF}: 468196.1/26$

All: -38.539 ± 0.000 $\chi^2/\text{NDF}: 108745016.2/5$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594 $\pm$ 0.000 χ^2 /NDF: 26122838.1/16

Left Out: 7.845 $\pm$ 0.009 χ^2 /NDF: 62025.4/7

Right Out: 6.748 $\pm$ 0.011 χ^2 /NDF: 1266598.3/18

Left In: 7.079 $\pm$ 0.006 χ^2 /NDF: 101615.9/6

Left: 7.337 $\pm$ 0.005 χ^2 /NDF: 168884.4/14

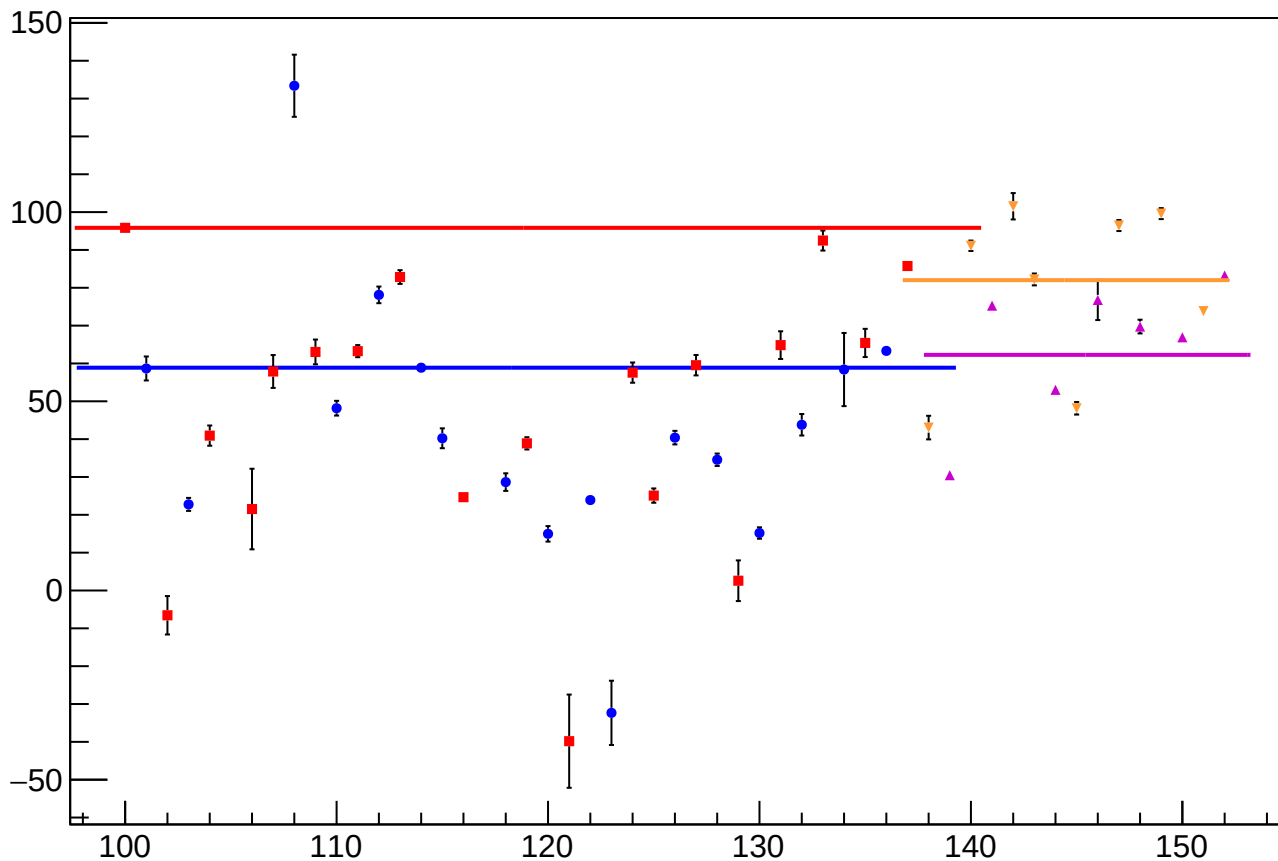
Right: -60.594 $\pm$ 0.000 χ^2 /NDF: 64778482.9/35

In: -60.594 $\pm$ 0.000 χ^2 /NDF: 147539854.7/23

Out: 7.429 $\pm$ 0.007 χ^2 /NDF: 1334774.1/26

All: -60.594 $\pm$ 0.000 χ^2 /NDF: 249523095.1/5

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 82.018 $\pm$ 0.571 χ^2 /NDF:937.0/7

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

Left In: 62.270 $\pm$ 0.404 χ^2 /NDF:1749.8/6

Left: 68.867 $\pm$ 0.330 χ^2 /NDF: 3484.6/14

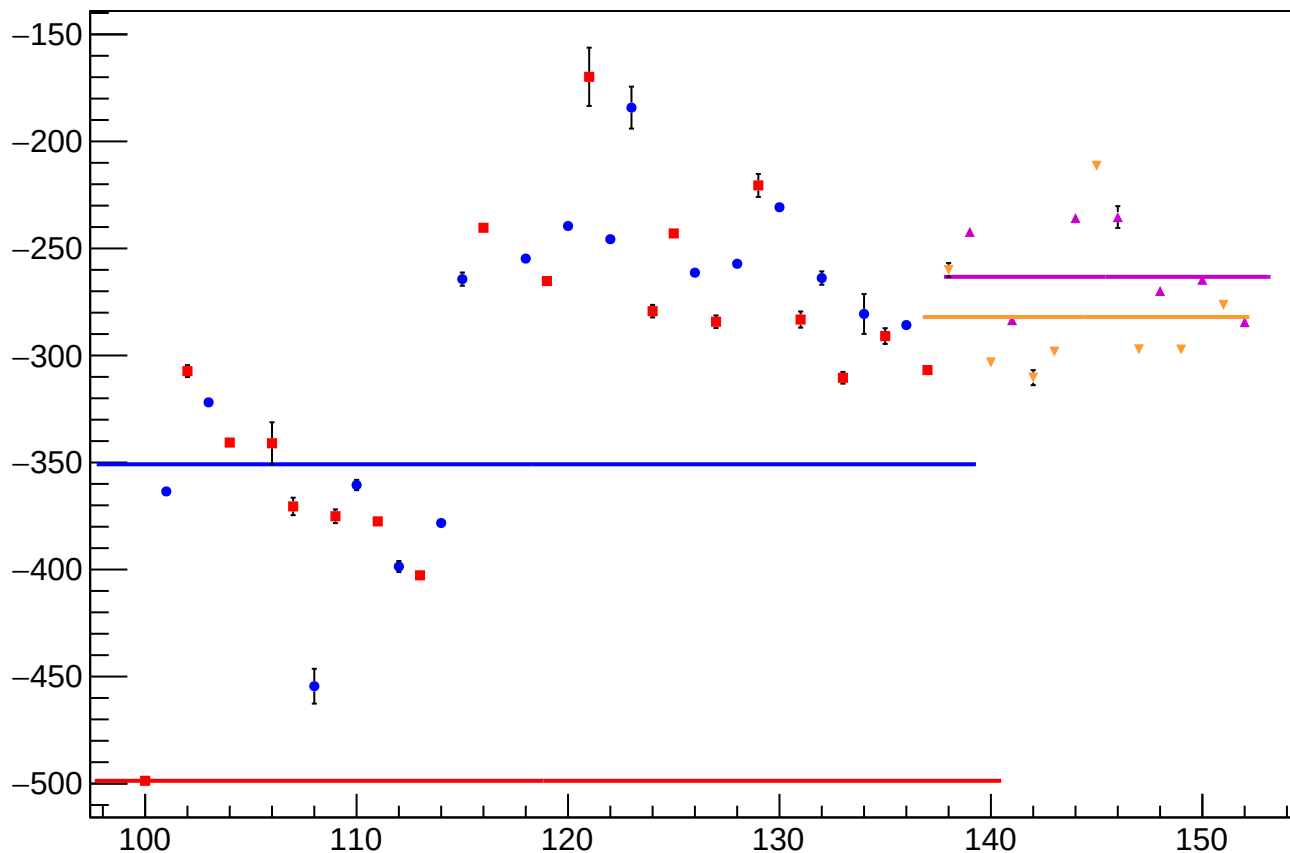
Right: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666380

In: 58.880 $\pm$ 0.000 χ^2 /NDF:5634.8/23

Out: 95.846 $\pm$ 0.000 χ^2 /NDF:40909.5/26

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -282.022 ± 0.561 χ^2/NDF : 2756.4/7

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

Left In: -263.267 ± 0.411 χ^2/NDF : 1734.6/6

Left: -269.823 ± 0.332 χ^2/NDF : 5218.1/14

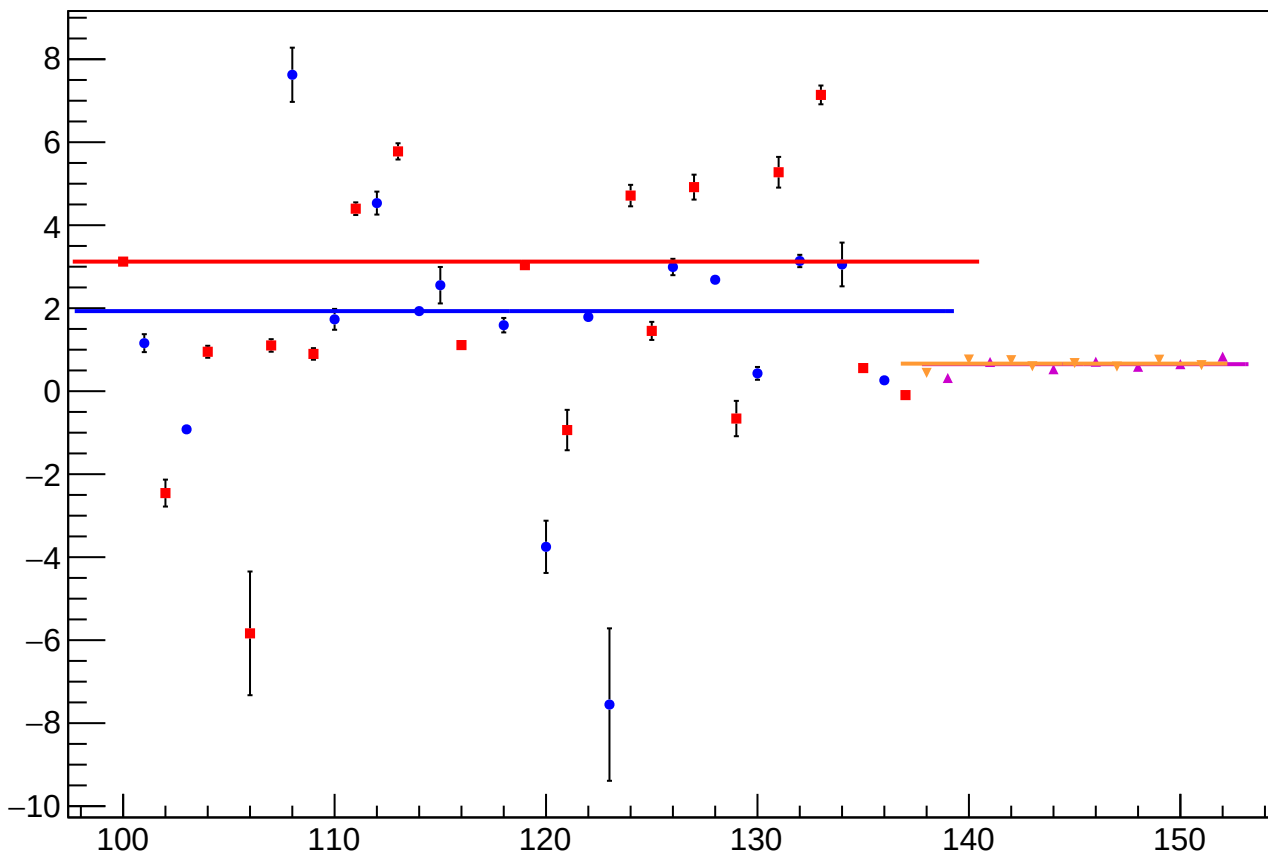
Right: -498.692 ± 0.000 χ^2/NDF : 918780.8/35

In: -327.955 ± 0.210 χ^2/NDF : 76538.4/23

Out: -498.692 ± 0.000 χ^2/NDF : 663837.3/26

All: -498.692 ± 0.000 χ^2/NDF : 1400300.4/50

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.664 $\pm$ 0.004 χ^2 /NDF:594.4/7

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

Left In: 0.651 $\pm$ 0.003 χ^2 /NDF:3003.4/6

Left: 0.656 $\pm$ 0.002 χ^2 /NDF: 3606.1/14

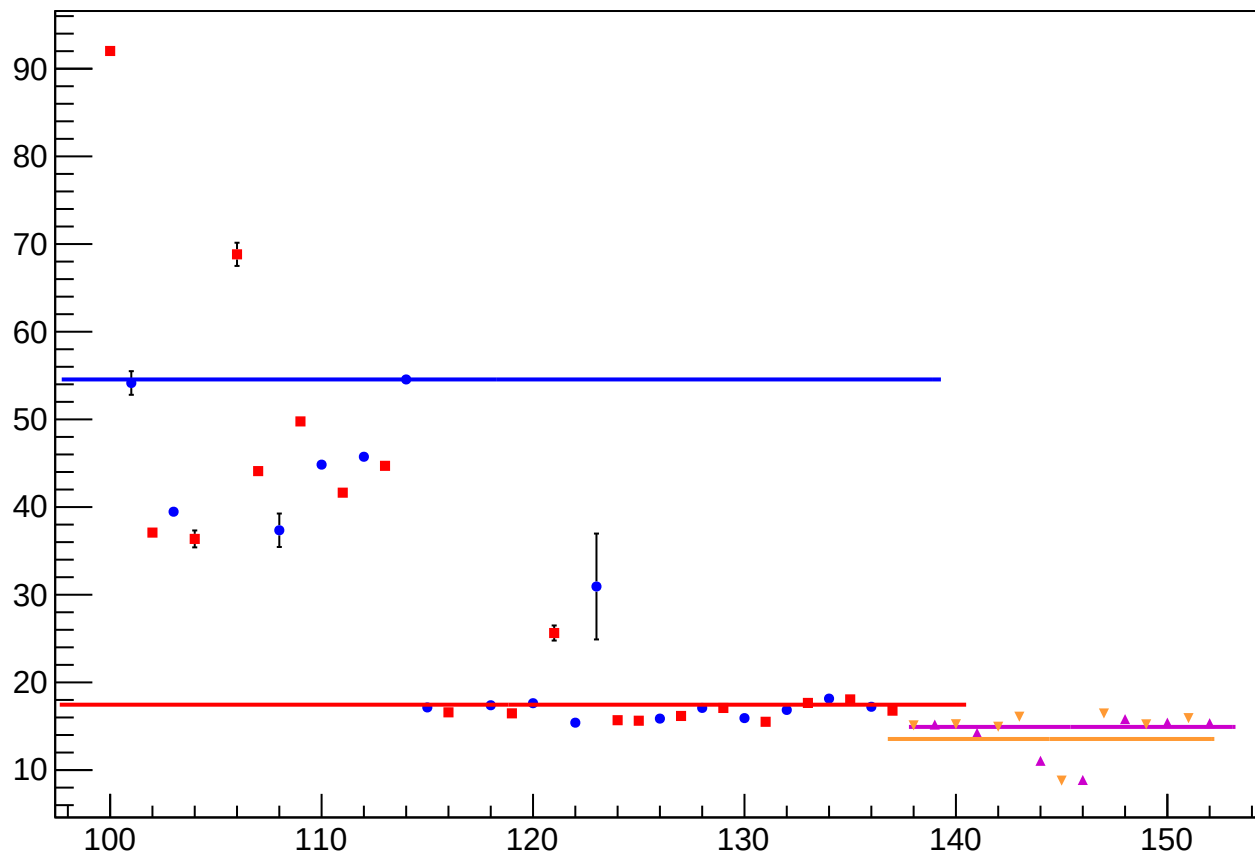
Right: 2.073 $\pm$ 0.000 χ^2 /NDF: 38099534578085305

In: 1.930 $\pm$ 0.000 χ^2 /NDF:253937.4/23

Out: 3.123 $\pm$ 0.000 χ^2 /NDF:1001331.3/26

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 $\pm$ 0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.548 $\pm$ 0.012 χ^2/NDF : 70818.5/7

Right Out: 17.458 $\pm$ 0.018 χ^2/NDF : 99308.5/18

Left In: 14.924 $\pm$ 0.014 χ^2/NDF : 7552.8/6

Left: 14.101 $\pm$ 0.009 χ^2/NDF : 83815.2/14

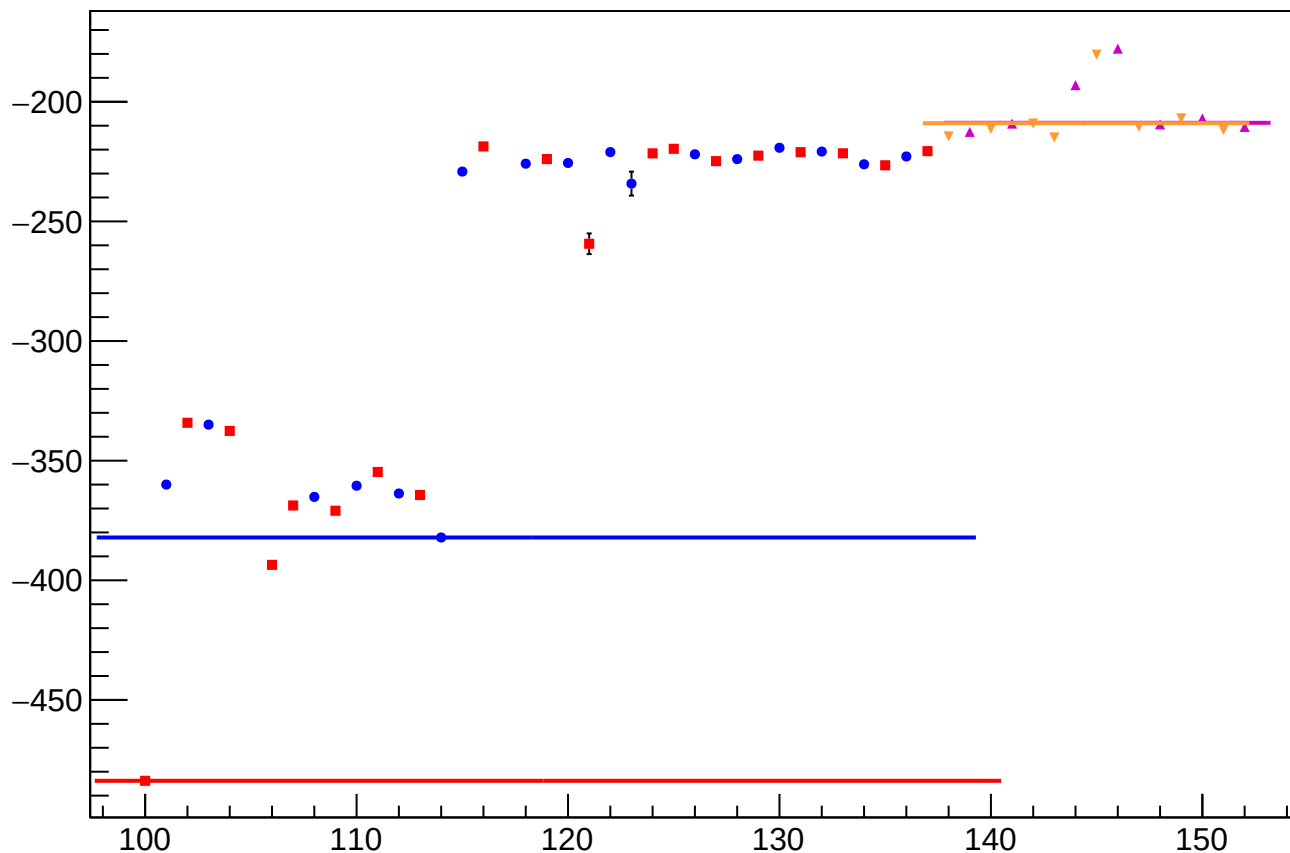
Right: 54.556 $\pm$ 0.000 χ^2/NDF : 11453944.4/35

In: 54.556 $\pm$ 0.000 χ^2/NDF : 14798268.7/23

Out: 14.701 $\pm$ 0.010 χ^2/NDF : 202377.6/26

All: 54.556 $\pm$ 0.000 χ^2/NDF : 31108809.6/50

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.953+/-0.023 χ^2/NDF : 58537.7/7

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: -208.876+/-0.017 χ^2/NDF : 71360.0/14

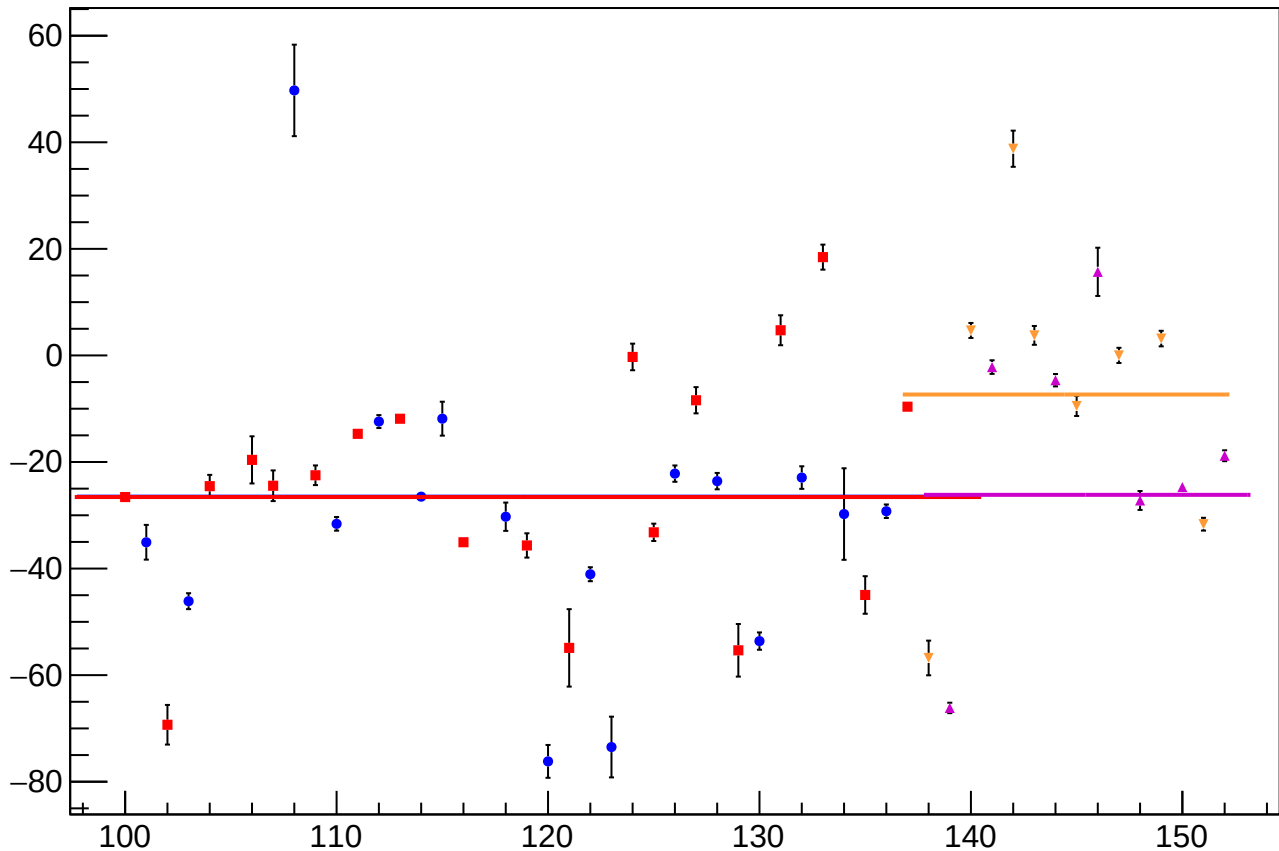
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 69023123.9/23

Out: -483.800+/-0.000 χ^2/NDF : 169656347.9/26

All: -417.999+/-0.000 χ^2/NDF : 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -7.337 ± 0.583 χ^2/NDF : 1018.3/7

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

Left In: -26.163 ± 0.429 χ^2/NDF : 2508.3/6

Left: -19.541 ± 0.346 χ^2/NDF : 4202.7/14

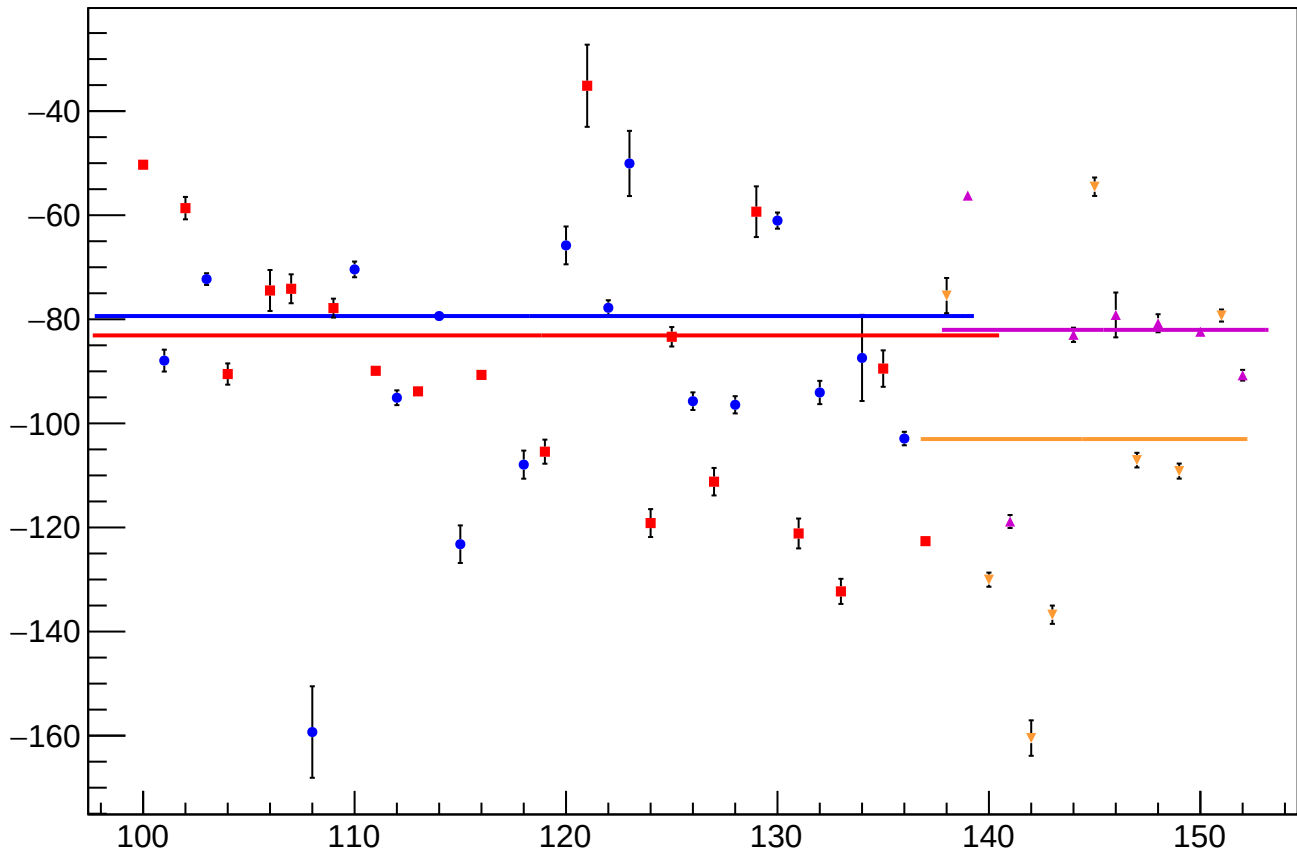
Right: -26.530 ± 0.000 χ^2/NDF : 412159279654659

In: -26.504 ± 0.000 χ^2/NDF : 3689.6/23

Out: -26.577 ± 0.000 χ^2/NDF : 4748.5/26

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -103.014 ± 0.570 χ^2/NDF : 2306.0/7

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

Left In: -82.031 ± 0.423 χ^2/NDF : 1777.0/6

Left: -89.492 ± 0.340 χ^2/NDF : 4956.8/14

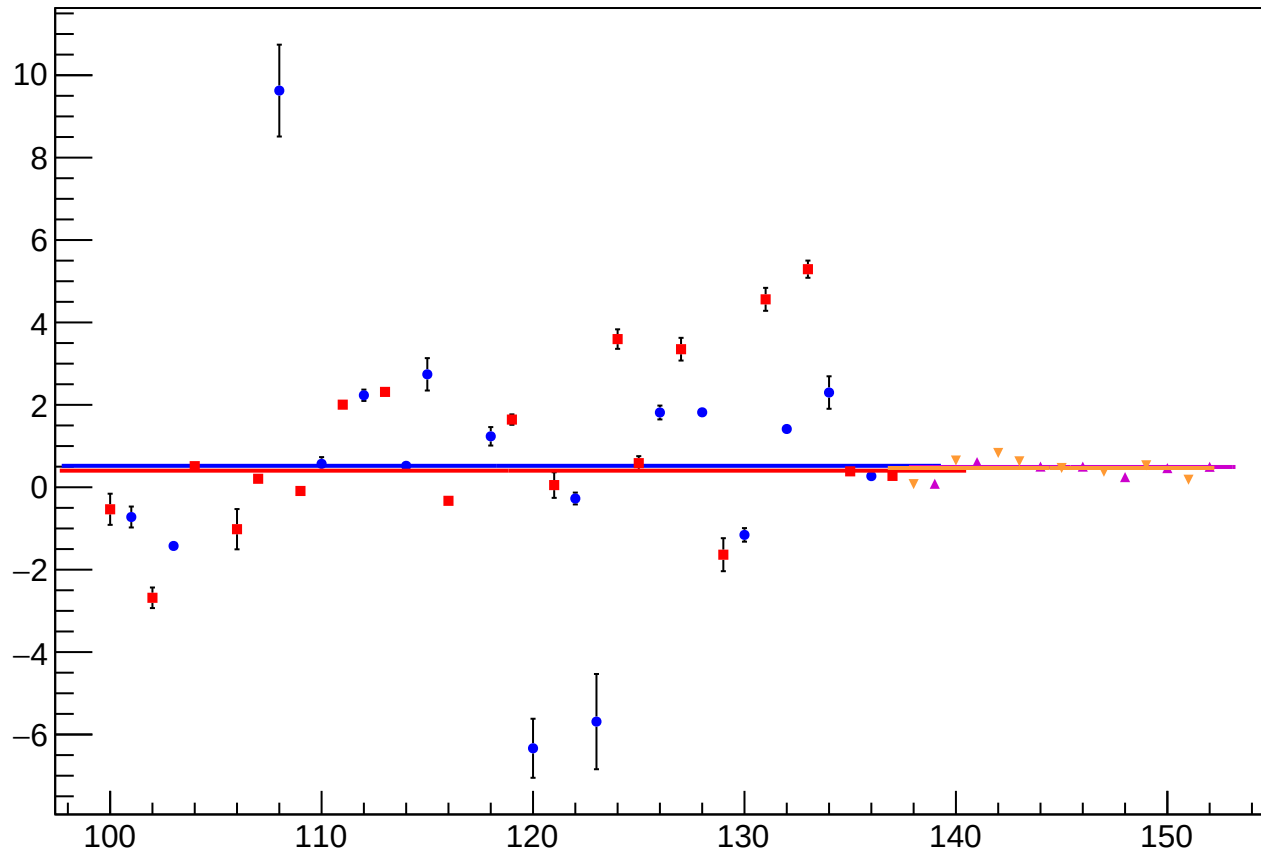
Right: -79.376 ± 0.000 χ^2/NDF : 13657.0/35

In: -79.376 ± 0.000 χ^2/NDF : 3121.0/23

Out: -84.873 ± 0.170 χ^2/NDF : 15334.4/26

All: -79.376 ± 0.000 χ^2/NDF : 19500.0/50

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.468 ± 0.004 χ^2/NDF : 1748.4/7

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: 0.485 ± 0.002 χ^2/NDF : 4586.2/14

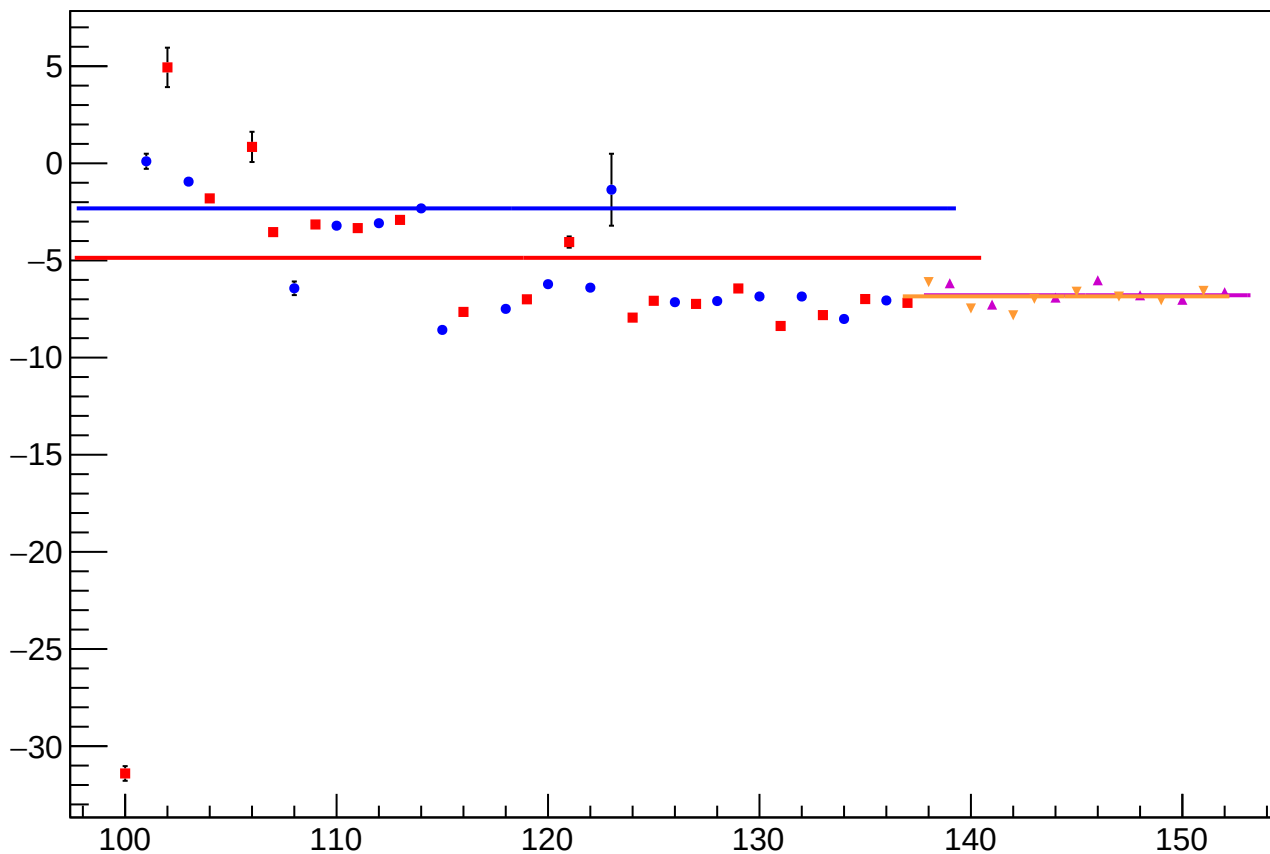
Right: 0.521 ± 0.000 χ^2/NDF : 6215.1/35

In: 0.521 ± 0.000 χ^2/NDF : 6288.3/23

Out: 0.459 ± 0.004 χ^2/NDF : 4506.5/26

All: 0.521 ± 0.000 χ^2/NDF : 11035.9/50

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.847 ± 0.005 χ^2/NDF : 2225.6/7

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: -6.819 ± 0.004 χ^2/NDF : 6627.6/14

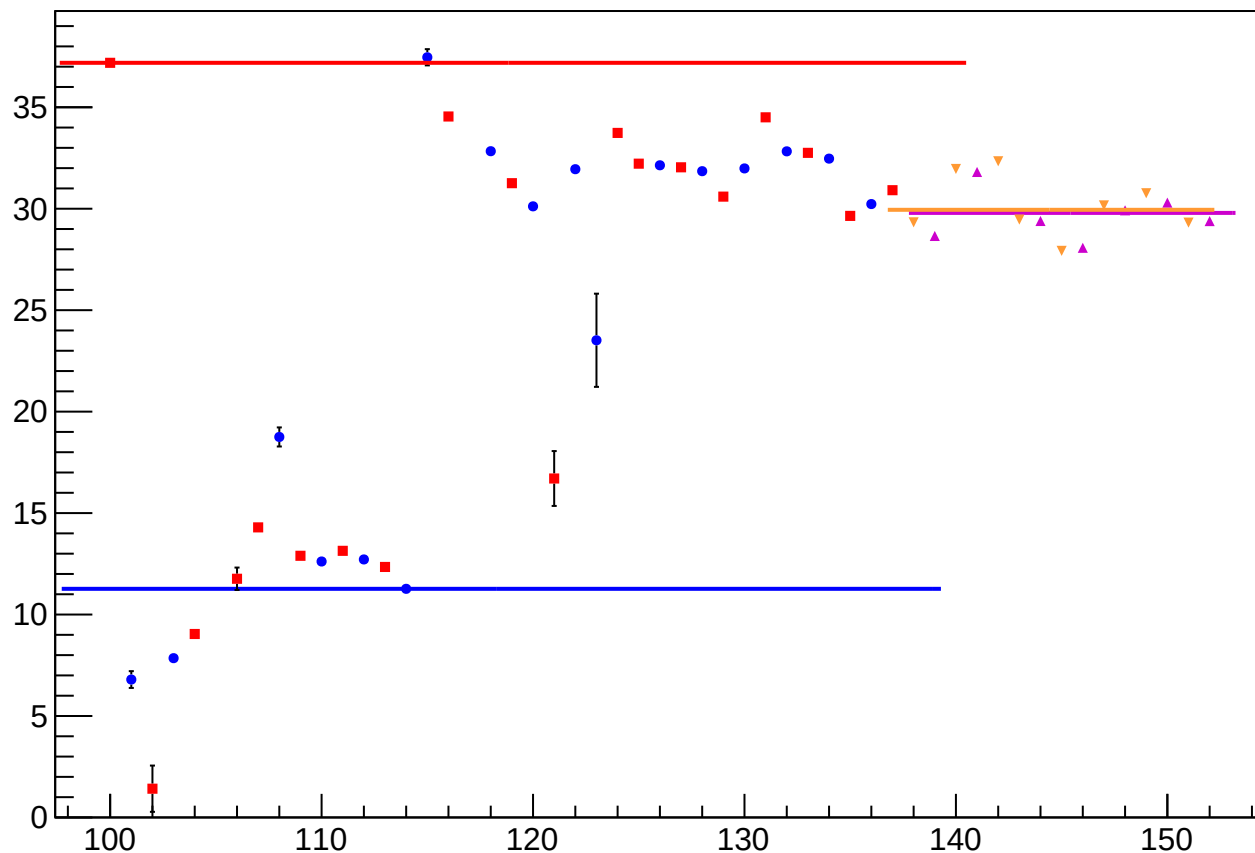
Right: -2.320 ± 0.000 χ^2/NDF : 381161.7/35

In: -2.320 ± 0.000 χ^2/NDF : 1033919.5/23

Out: -6.448 ± 0.005 χ^2/NDF : 81178.6/26

All: -2.320 ± 0.000 χ^2/NDF : 1911664.3/50

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.947 $\pm$ 0.018 χ^2 /NDF:4466.4/7

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: 29.854 $\pm$ 0.011 χ^2 /NDF: 7138.2/14

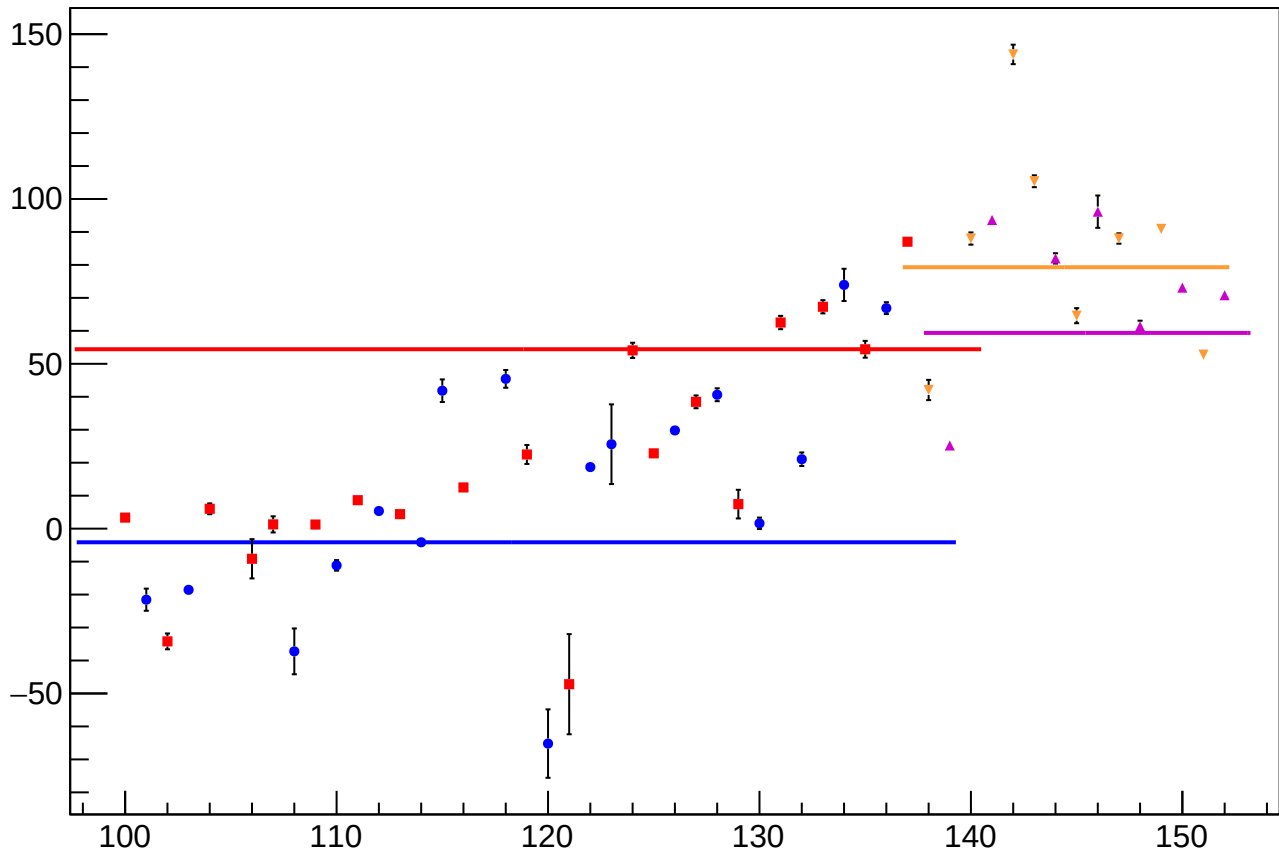
Right: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978834

In: 11.268 $\pm$ 0.000 χ^2 /NDF:2669575.9/23

Out: 37.191 $\pm$ 0.000 χ^2 /NDF:1294226.0/26

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: 79.300 ± 0.612 χ^2/NDF : 1533.7/7

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: 65.704 ± 0.345 χ^2/NDF : 5840.7/14

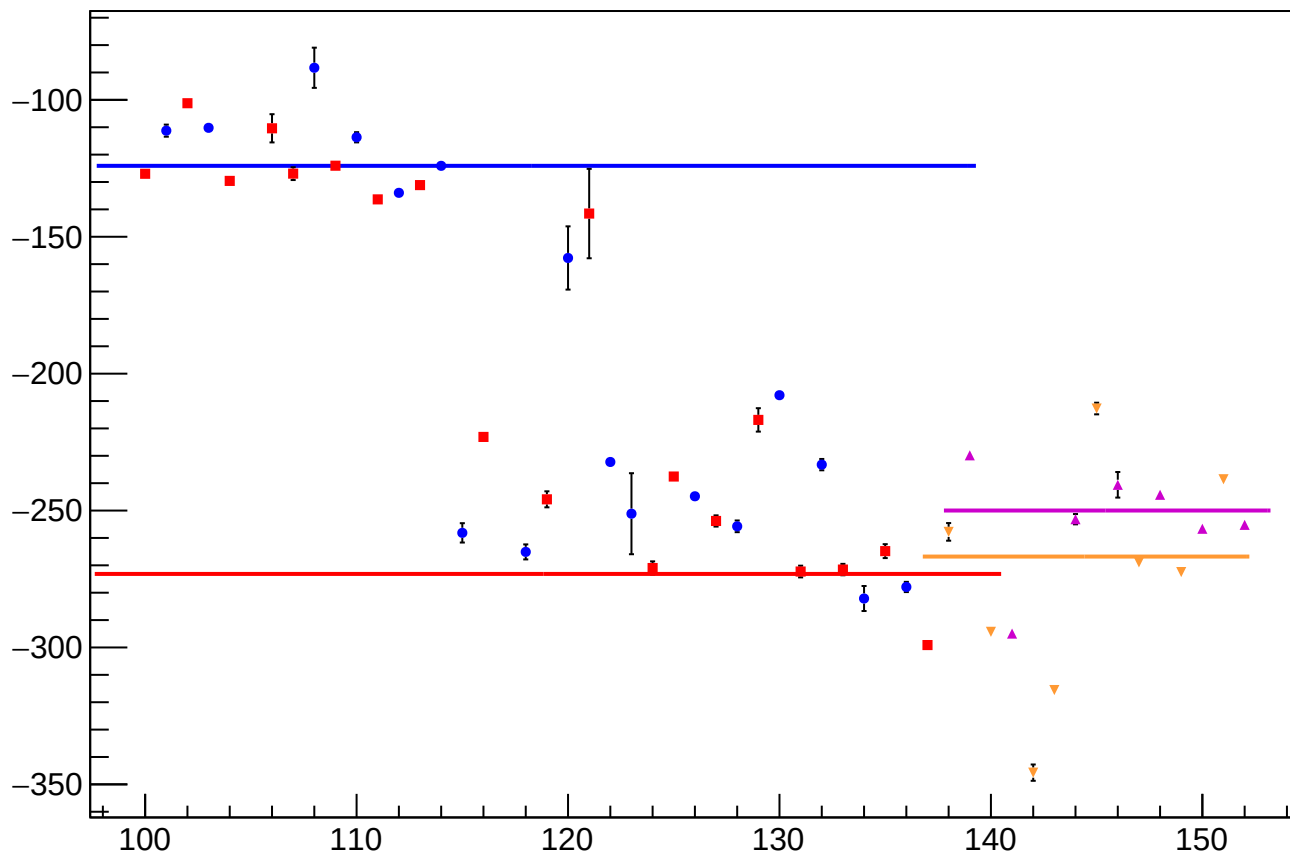
Right: -4.139 ± 0.000 χ^2/NDF : 177029.3/35

In: -4.139 ± 0.000 χ^2/NDF : 31345.8/23

Out: 56.211 ± 0.164 χ^2/NDF : 57064.5/26

All: -4.139 ± 0.000 χ^2/NDF : 223827.4/50

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 38152.5/16$

Left Out: -266.800 ± 0.604 $\chi^2/\text{NDF}: 2975.1/7$

Right Out: -273.143 ± 0.113 $\chi^2/\text{NDF}: 280141.9/18$

Left In: -249.983 ± 0.406 $\chi^2/\text{NDF}: 2303.1/6$

Left: -255.217 ± 0.337 $\chi^2/\text{NDF}: 5812.4/14$

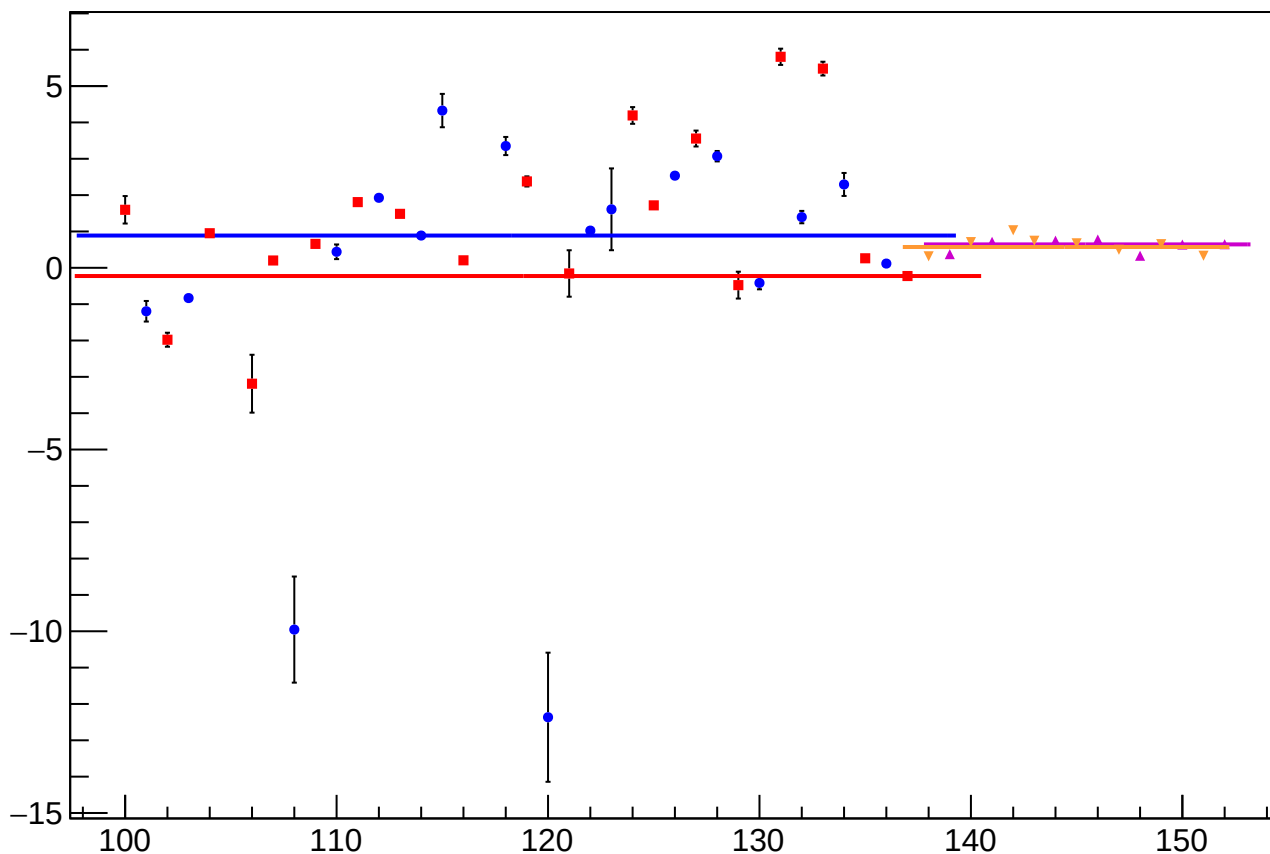
Right: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2066776.4/35$

In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 136626.5/23$

Out: -272.930 ± 0.111 $\chi^2/\text{NDF}: 283223.7/26$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2224069.7/50$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.572 ± 0.005 χ^2/NDF : 1634.6/7

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

Left In: 0.644 ± 0.004 χ^2/NDF : 1056.9/6

Left: 0.617 ± 0.003 χ^2/NDF : 2843.5/14

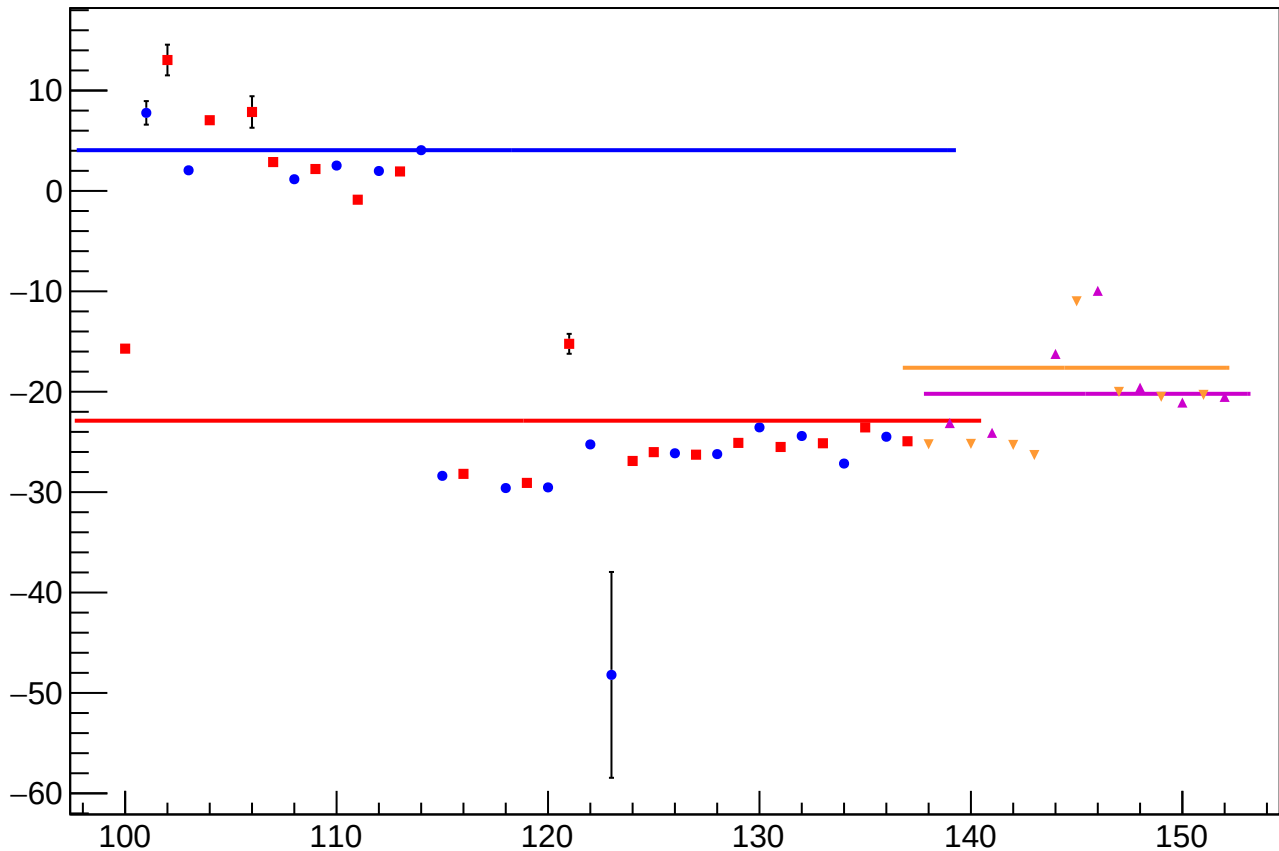
Right: 0.888 ± 0.000 χ^2/NDF : 422220530.0/35

In: 0.888 ± 0.000 χ^2/NDF : 14334.1/23

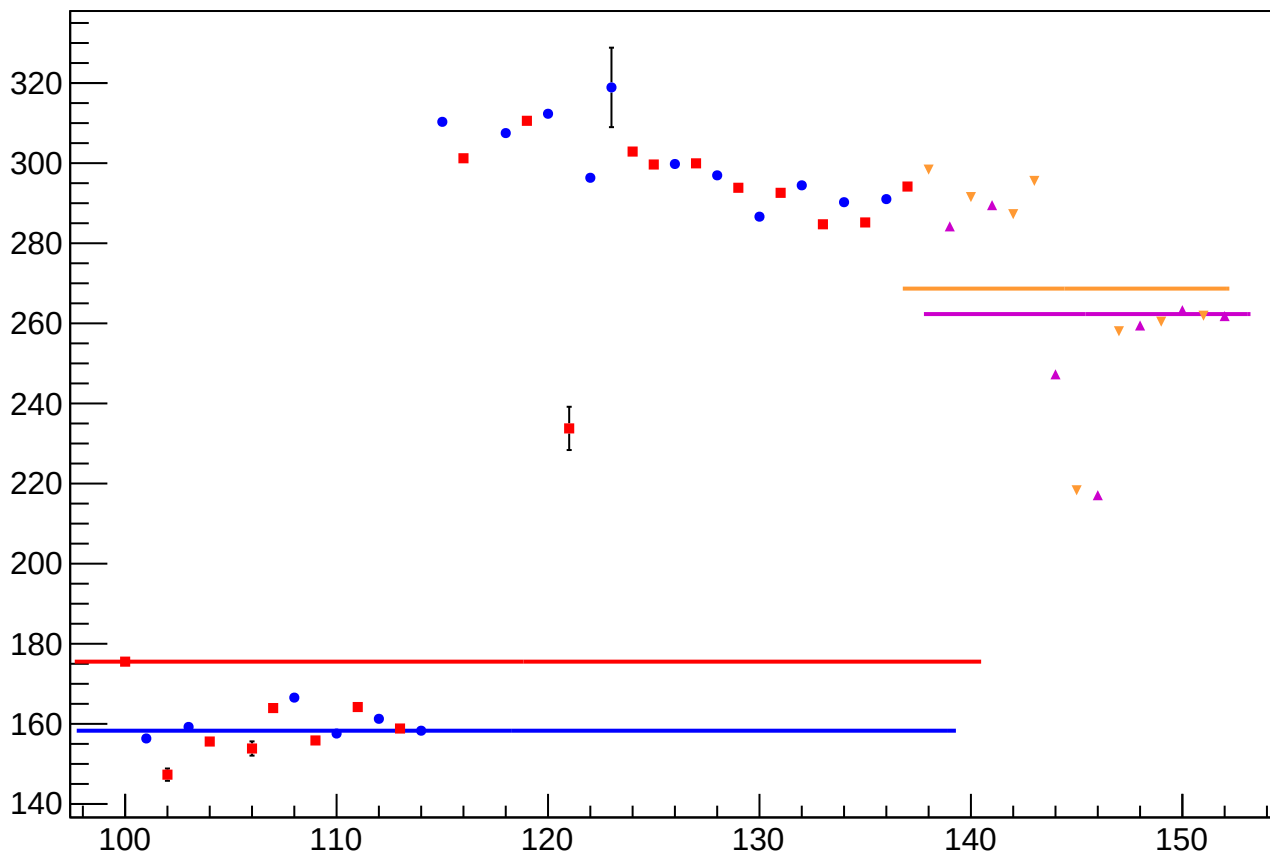
Out: -0.226 ± 0.000 χ^2/NDF : 36900.9/26

All: 0.888 ± 0.000 χ^2/NDF : 422232538.5/50

dit_sam4_4aY_slope vs Slug, Sign Corrected



dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 268.677 $\pm$ 0.058 χ^2 /NDF:173516.0/7

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

Left In: 262.319 $\pm$ 0.047 χ^2 /NDF:36875.4/6

Left: 264.835 $\pm$ 0.036 χ^2 /NDF: 217666.7/14

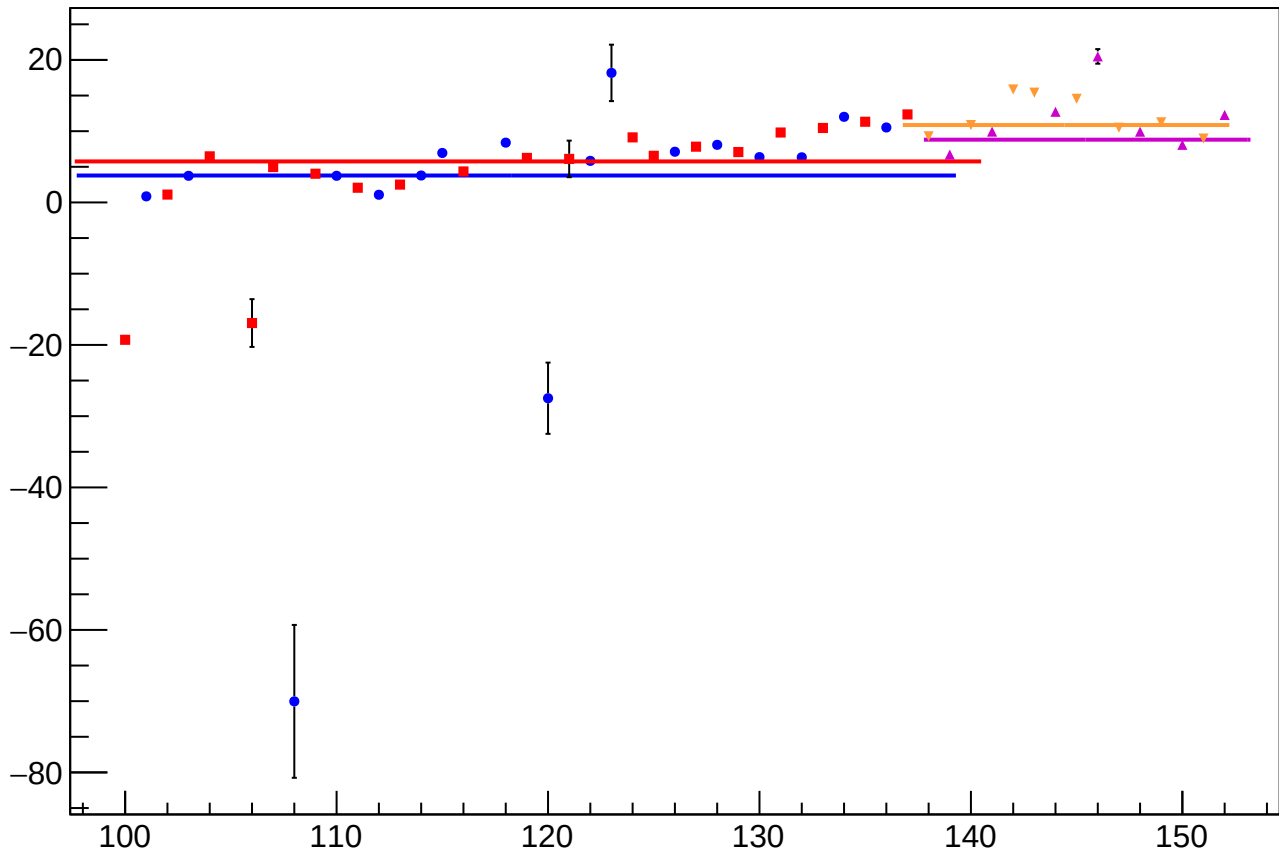
Right: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225928

In: 158.293 $\pm$ 0.000 χ^2 /NDF:7369442.1/23

Out: 175.536 $\pm$ 0.000 χ^2 /NDF:4857783.6/26

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 $\pm$ 0.000 χ^2 /NDF: 6871.4/16

Left Out: 10.863 $\pm$ 0.043 χ^2 /NDF:1268.0/7

Right Out: 5.756 $\pm$ 0.026 χ^2 /NDF: 22291.6/18

Left In: 8.808 $\pm$ 0.043 χ^2 /NDF:1894.0/6

Left: 9.832 $\pm$ 0.031 χ^2 /NDF: 4283.6/14

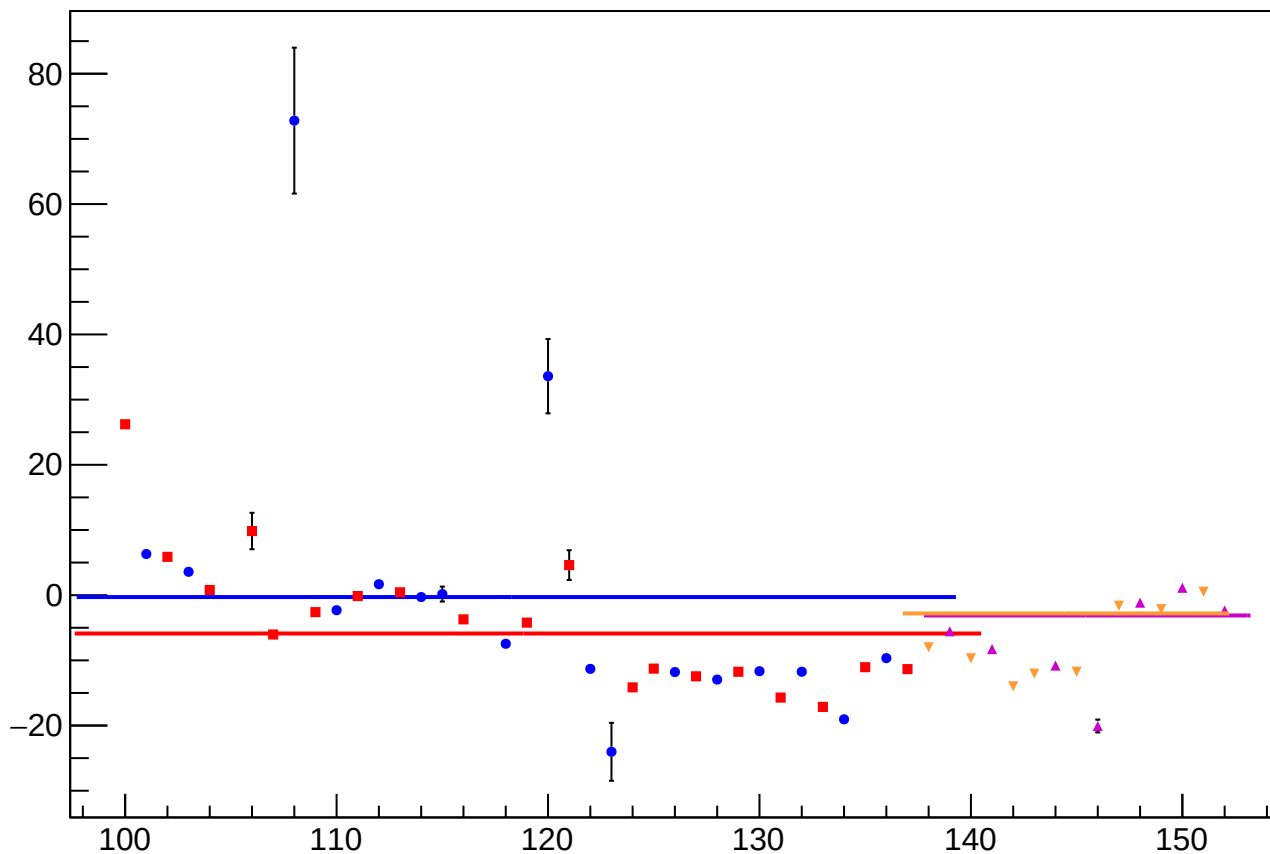
Right: 3.778 $\pm$ 0.000 χ^2 /NDF: 35056.1/35

In: 3.778 $\pm$ 0.000 χ^2 /NDF:22245.1/23

Out: 7.084 $\pm$ 0.022 χ^2 /NDF:33782.3/26

All: 3.778 $\pm$ 0.000 χ^2 /NDF: 78284.7/50

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.800 ± 0.043 χ^2/NDF : 7210.4/7

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: -2.953 ± 0.031 χ^2/NDF : 16508.4/14

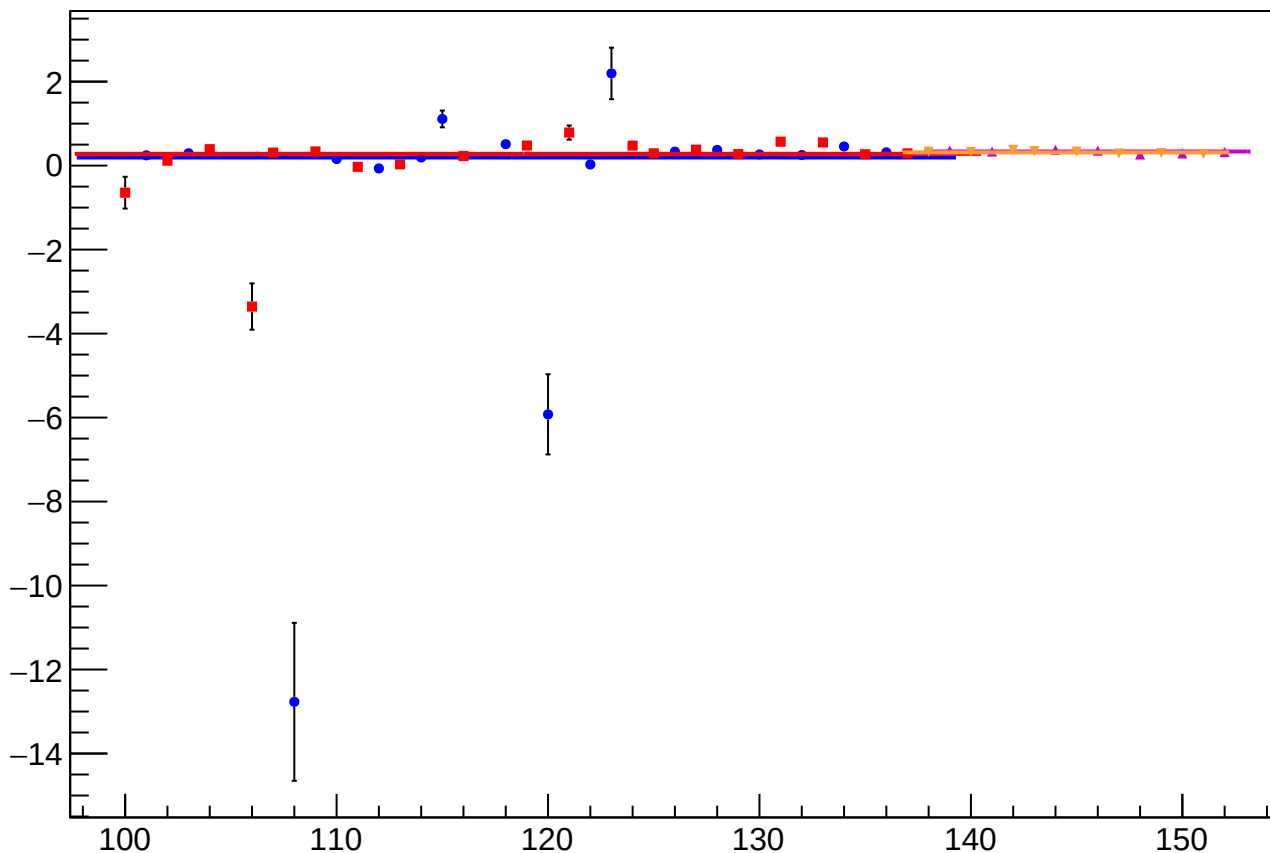
Right: -0.287 ± 0.000 χ^2/NDF : 150060.6/35

In: -0.287 ± 0.000 χ^2/NDF : 57661.4/23

Out: -5.005 ± 0.023 χ^2/NDF : 74356.7/26

All: -0.287 ± 0.000 χ^2/NDF : 174051.8/50

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 : 792.3/7

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: 0.325+/-0.001 χ^2/NDF : 3198.1/14

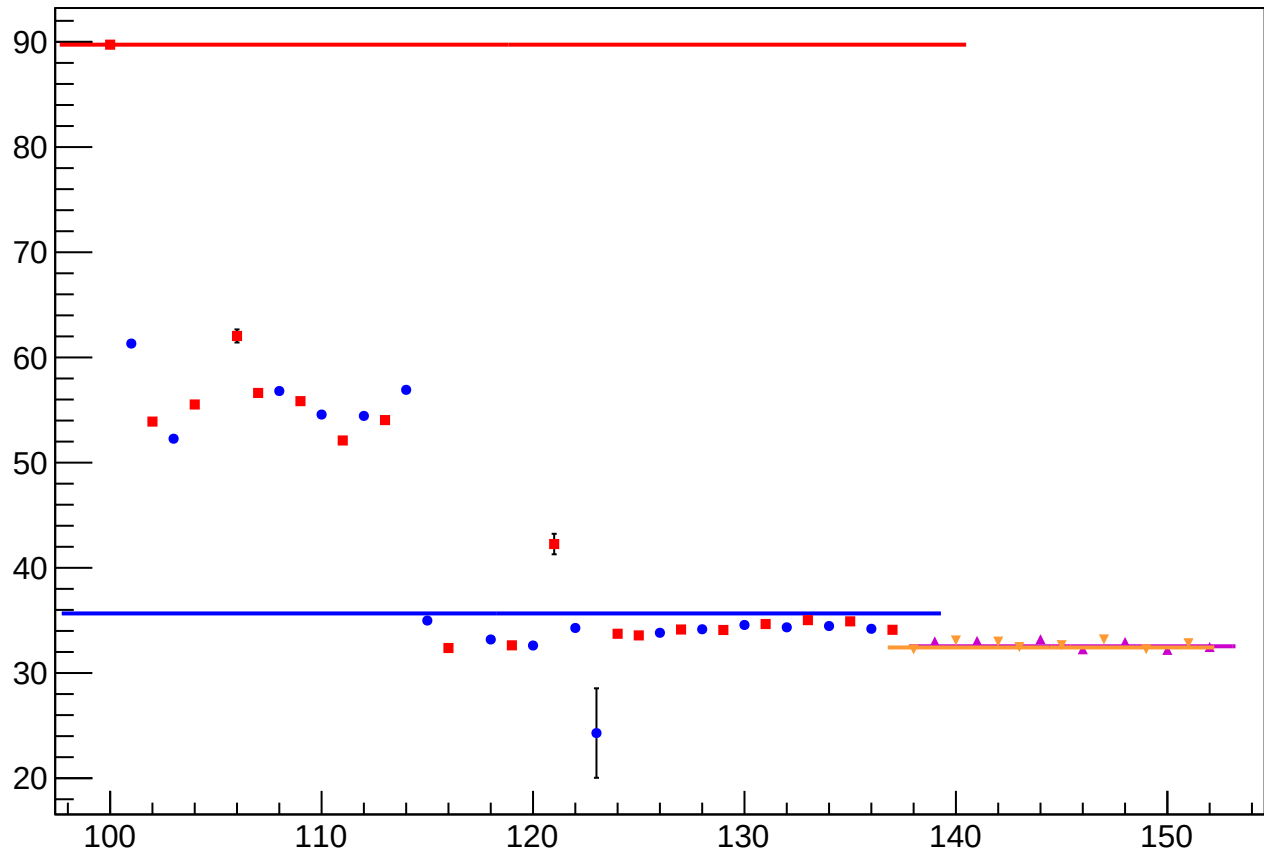
Right: 0.193+/-0.000 χ^2/NDF : 19578.7/35

In: 0.193+/-0.000 χ^2/NDF : 38508.2/23

Out: 0.306+/-0.001 χ^2/NDF : 7257.3/26

All: 0.193+/-0.000 χ^2/NDF : 68557.3/50

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Left Out: 32.430+/-0.006 χ^2/NDF :1892.3/7

Right Out: 89.735+/-0.000 χ^2/NDF : 25801560.6/18

Left In: 32.542+/-0.007 χ^2/NDF :2189.5/6

Left: 32.479+/-0.005 χ^2/NDF : 4213.4/14

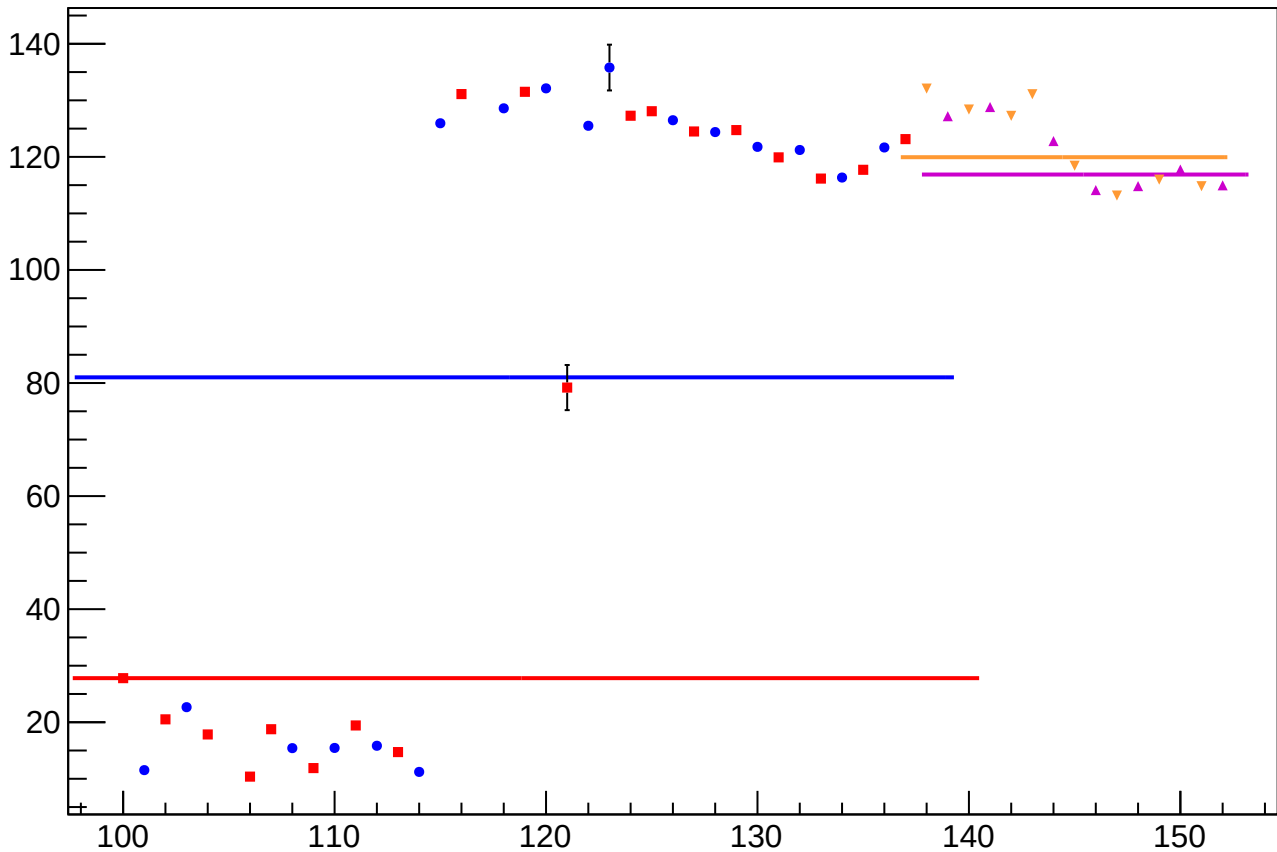
Right: 89.735+/-0.000 χ^2/NDF : 48650023.7/35

In: 33.458+/-0.006 χ^2/NDF :274158.1/23

Out: 89.735+/-0.000 χ^2/NDF :104769202.2/26

All: 89.735+/-0.000 χ^2/NDF : 188556993.3/50

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 ± 0.035 χ^2/NDF : 2228881.4/16

Left Out: 119.943 ± 0.021 χ^2/NDF : 108154.8/7

Right Out: 27.798 ± 0.000 χ^2/NDF : 9183707.8/18

Left In: 116.878 ± 0.018 χ^2/NDF : 37612.2/6

Left: 118.153 ± 0.013 χ^2/NDF : 158514.1/14

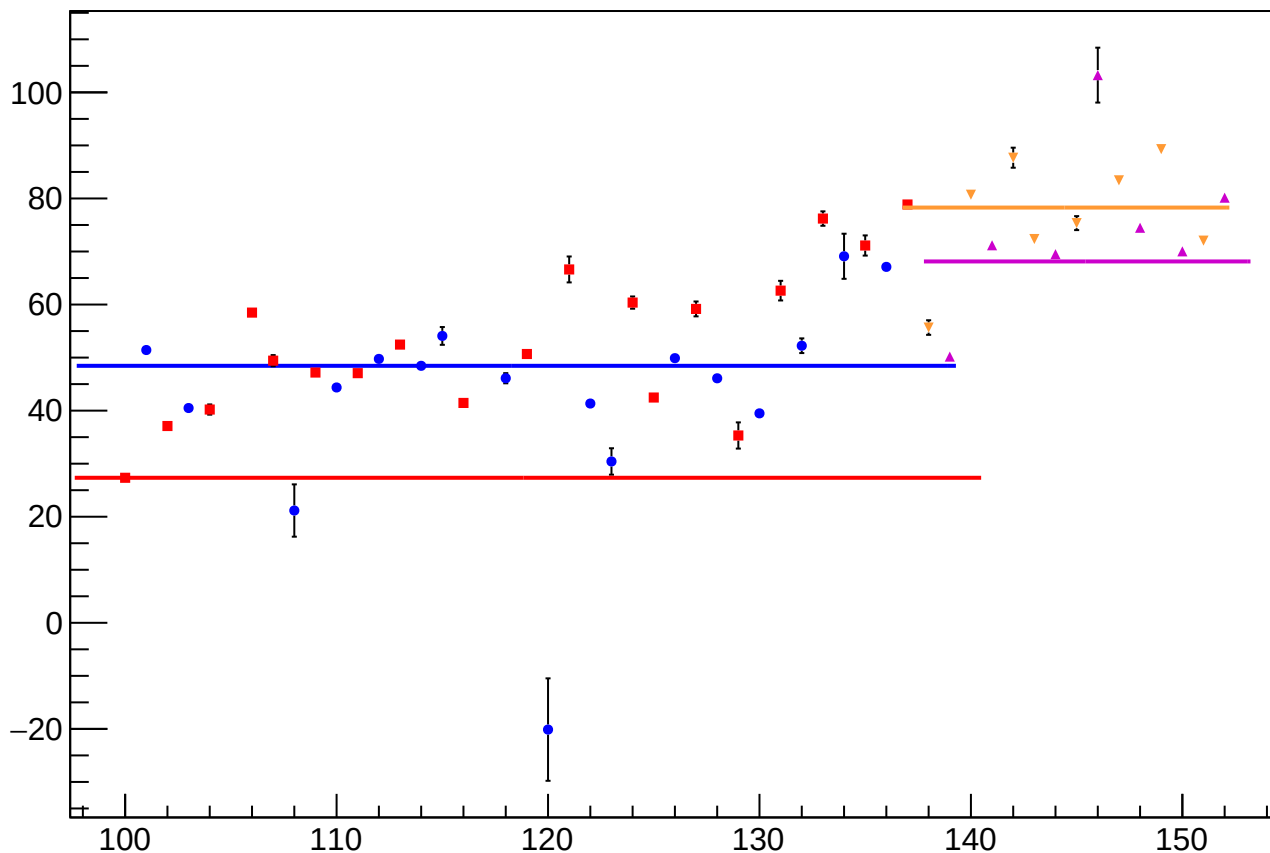
Right: 27.798 ± 0.000 χ^2/NDF : 13786729.0/35

In: 109.542 ± 0.016 χ^2/NDF : 3124988.9/23

Out: 27.798 ± 0.000 χ^2/NDF : 29023718.6/26

All: 27.798 ± 0.000 χ^2/NDF : 59550897.6/50

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 78.284 $\pm$ 0.283 χ^2 /NDF:827.0/7

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

Left In: 68.125 $\pm$ 0.224 χ^2 /NDF:1831.7/6

Left: 72.037 $\pm$ 0.176 χ^2 /NDF: 3448.3/14

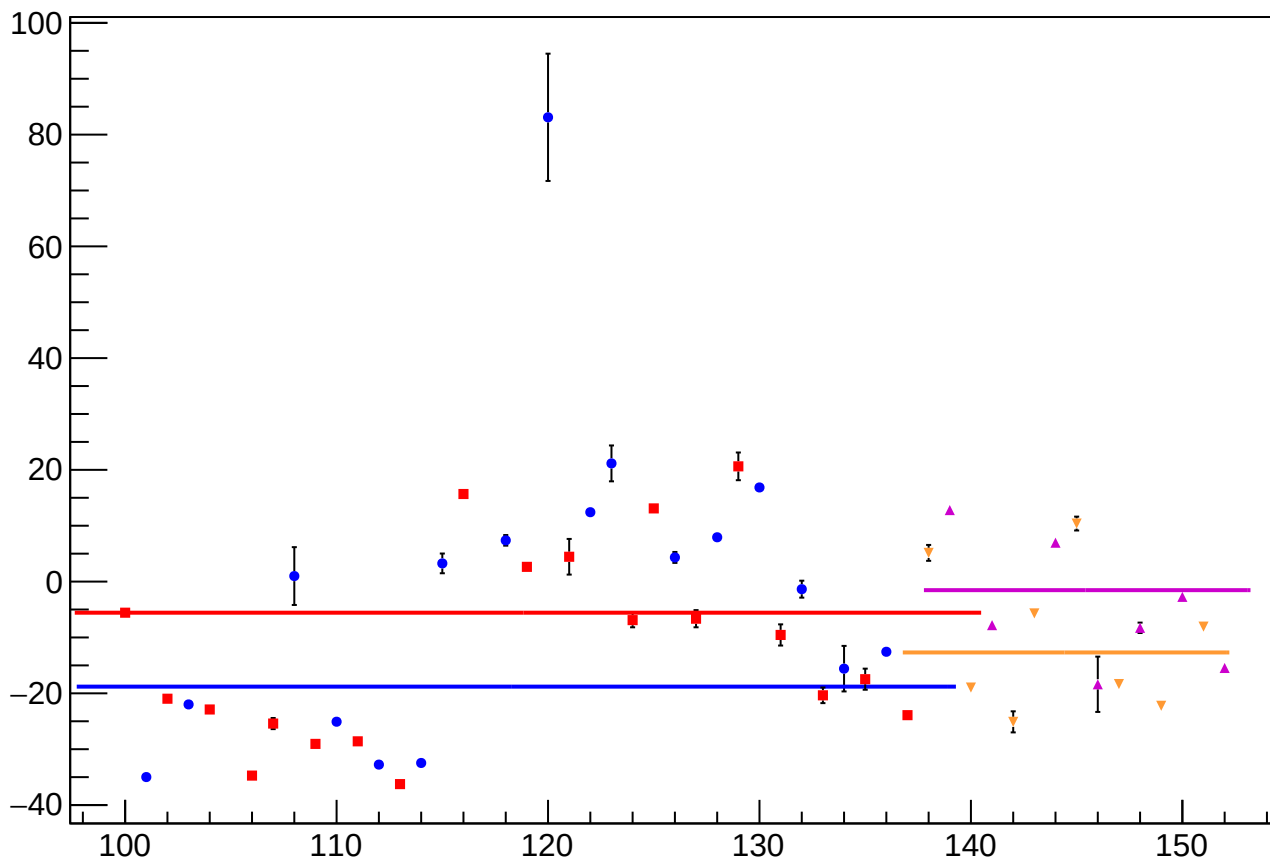
Right: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888328

In: 48.450 $\pm$ 0.000 χ^2 /NDF:12277.4/23

Out: 27.342 $\pm$ 0.000 χ^2 /NDF:58926.2/26

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -12.684 ± 0.281 $\chi^2/\text{NDF}: 1055.2/7$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

Left In: -1.533 ± 0.220 $\chi^2/\text{NDF}: 1762.2/6$

Left: -5.783 ± 0.173 $\chi^2/\text{NDF}: 3794.3/14$

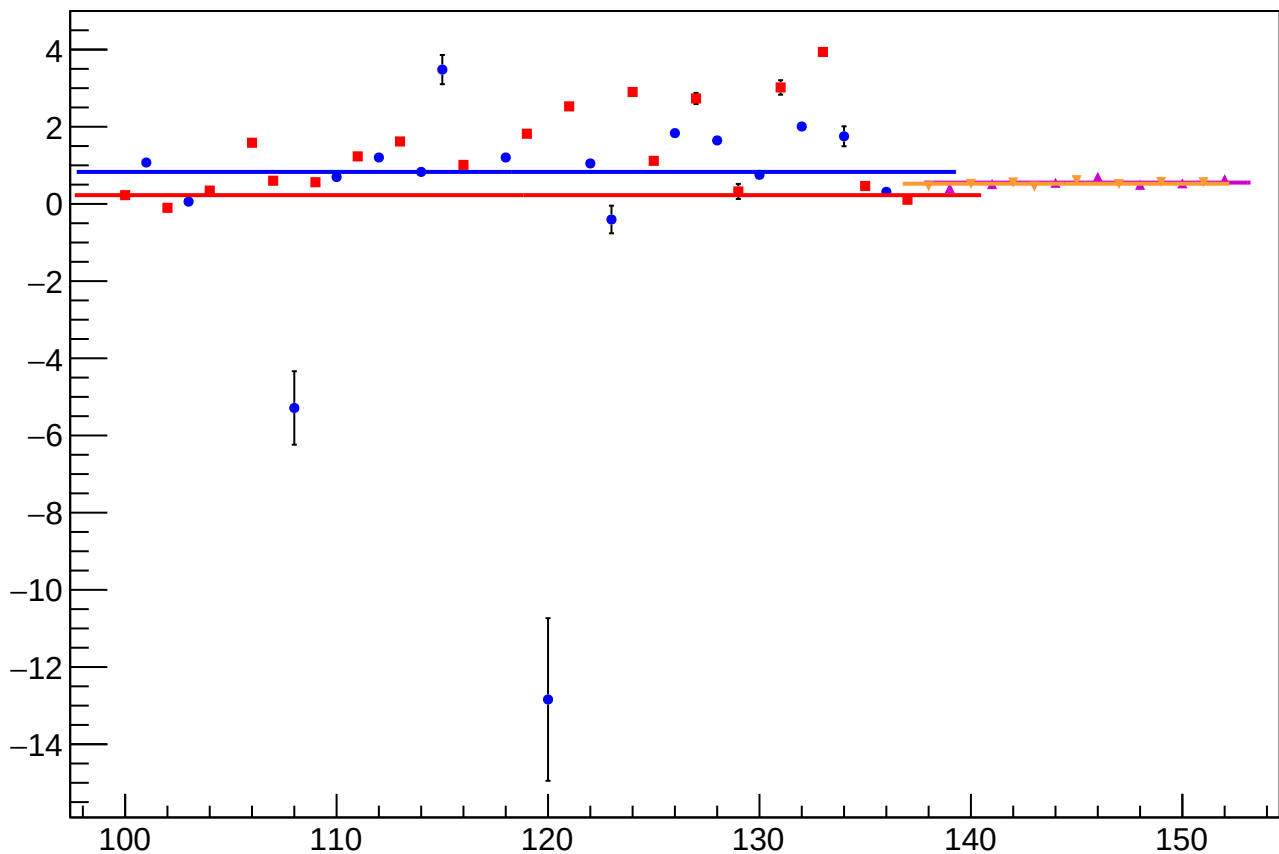
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -13.407 ± 0.123 $\chi^2/\text{NDF}: 17753.2/23$

Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 24795.4/26$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 46604.3/50$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.524 ± 0.002 $\chi^2/\text{NDF}: 637.8/7$

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: 0.539 ± 0.001 $\chi^2/\text{NDF}: 2511.3/14$

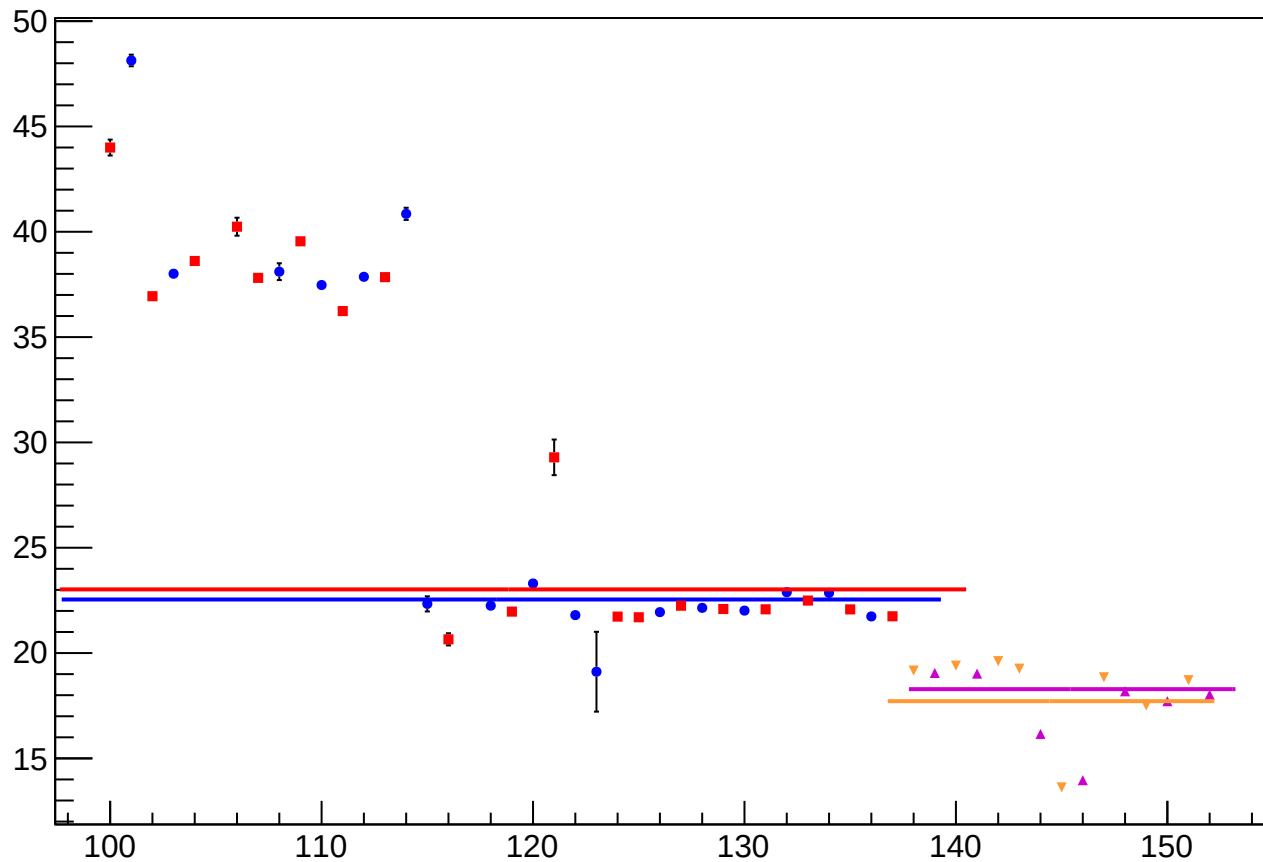
Right: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457147$

In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 43162.9/23$

Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 38870.8/26$

All: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457$

dit_sam6_4aY_slope vs Slug, Sign Corrected



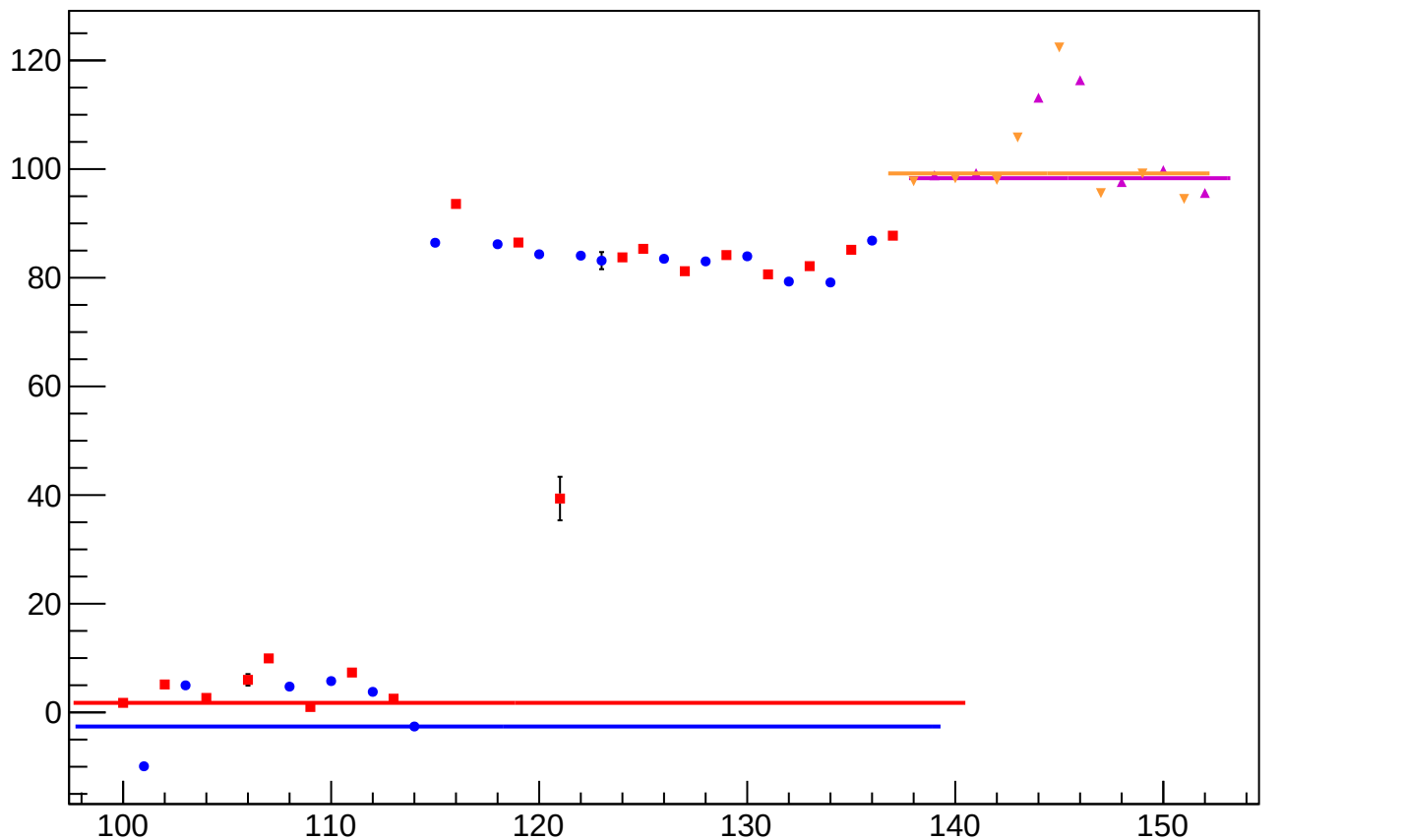
Right In: 22.543 ± 0.009 $\chi^2/\text{NDF}: 105452.8/16$
 Left Out: 17.717 ± 0.009 $\chi^2/\text{NDF}: 68925.1/7$
 Right Out: 23.023 ± 0.009 $\chi^2/\text{NDF}: 165838.0/18$
 Left In: 18.287 ± 0.011 $\chi^2/\text{NDF}: 8322.9/6$

Left: 17.933 ± 0.007 $\chi^2/\text{NDF}: 78890.8/14$
 Right: 22.790 ± 0.006 $\chi^2/\text{NDF}: 272655.1/35$

In: 20.784 ± 0.007 $\chi^2/\text{NDF}: 200147.6/23$
 Out: 20.256 ± 0.006 $\chi^2/\text{NDF}: 414132.2/26$

All: 20.486 ± 0.005 $\chi^2/\text{NDF}: 617371.2/50$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.199+/-0.017 χ^2/NDF : 67653.0/7

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: 98.782+/-0.012 χ^2/NDF : 84486.2/14

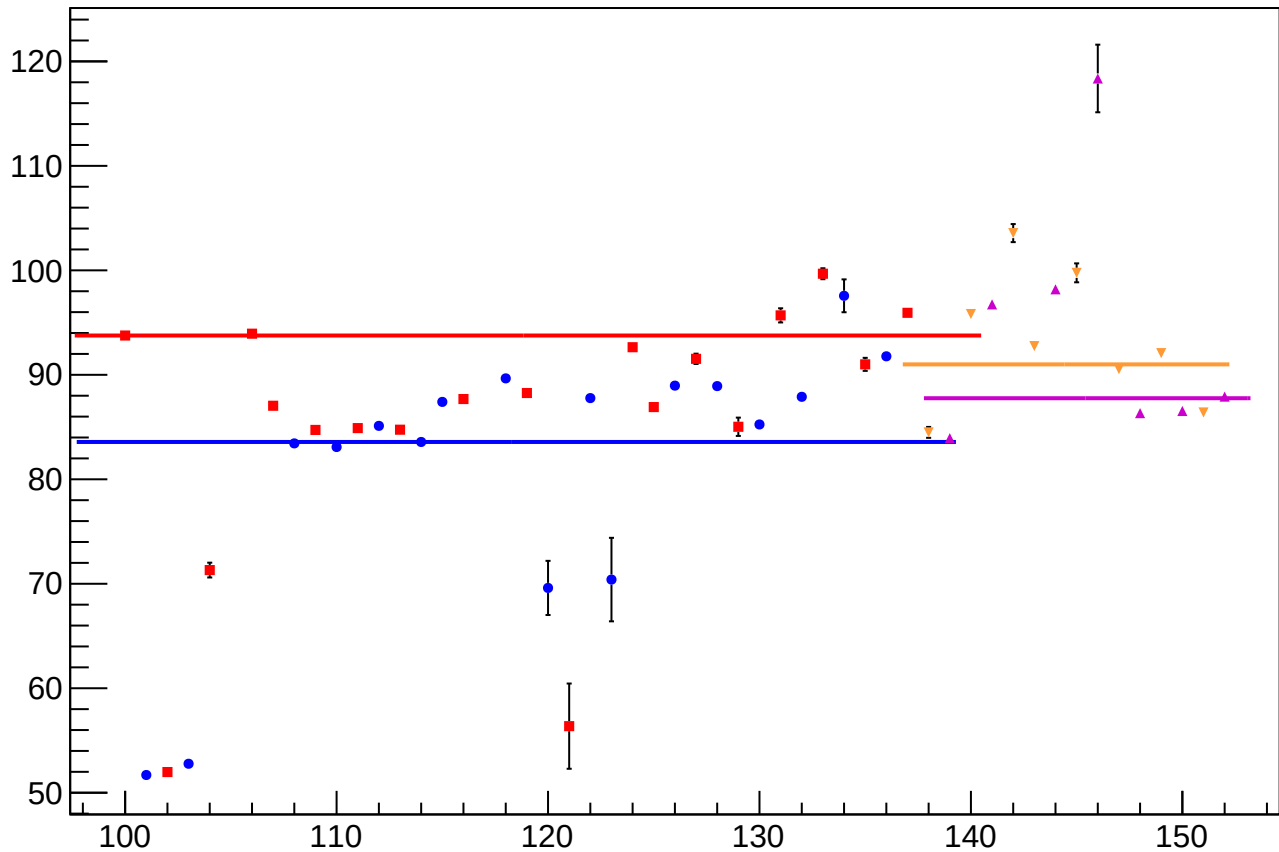
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF : 40338299.7/23

Out: 1.758+/-0.000 χ^2/NDF : 38228605.9/26

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573 $\pm$ 0.000 χ^2 /NDF: 49468.0/16

Left Out: 90.999 $\pm$ 0.114 χ^2 /NDF:1189.6/7

Right Out: 93.762 $\pm$ 0.000 χ^2 /NDF: 82848.8/18

Left In: 87.759 $\pm$ 0.089 χ^2 /NDF:2252.7/6

Left: 88.987 $\pm$ 0.070 χ^2 /NDF: 3946.6/14

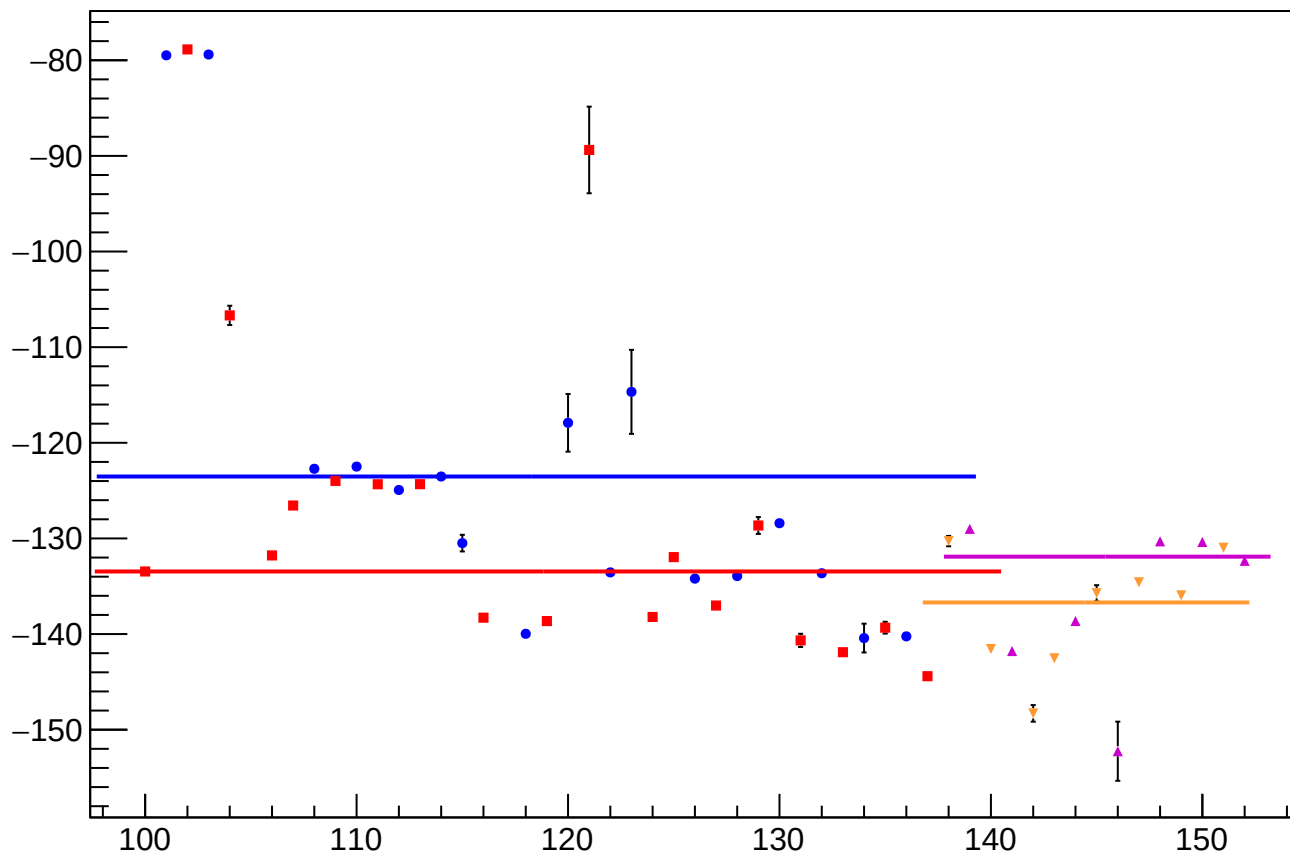
Right: 87.169 $\pm$ 0.000 χ^2 /NDF: 1995684404141260

In: 83.573 $\pm$ 0.000 χ^2 /NDF:53942.7/23

Out: 93.762 $\pm$ 0.000 χ^2 /NDF:84628.9/26

All: 87.169 $\pm$ 0.000 χ^2 /NDF: 1995684404141260

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524 $\pm$ 0.000 χ^2 /NDF: 160356.5/16

Left Out: -136.697 $\pm$ 0.114 χ^2 /NDF:1811.6/7

Right Out: -133.456 $\pm$ 0.000 χ^2 /NDF: 394896.3/18

Left In: -131.905 $\pm$ 0.086 χ^2 /NDF:1898.6/6

Left: -133.653 $\pm$ 0.069 χ^2 /NDF: 4833.7/14

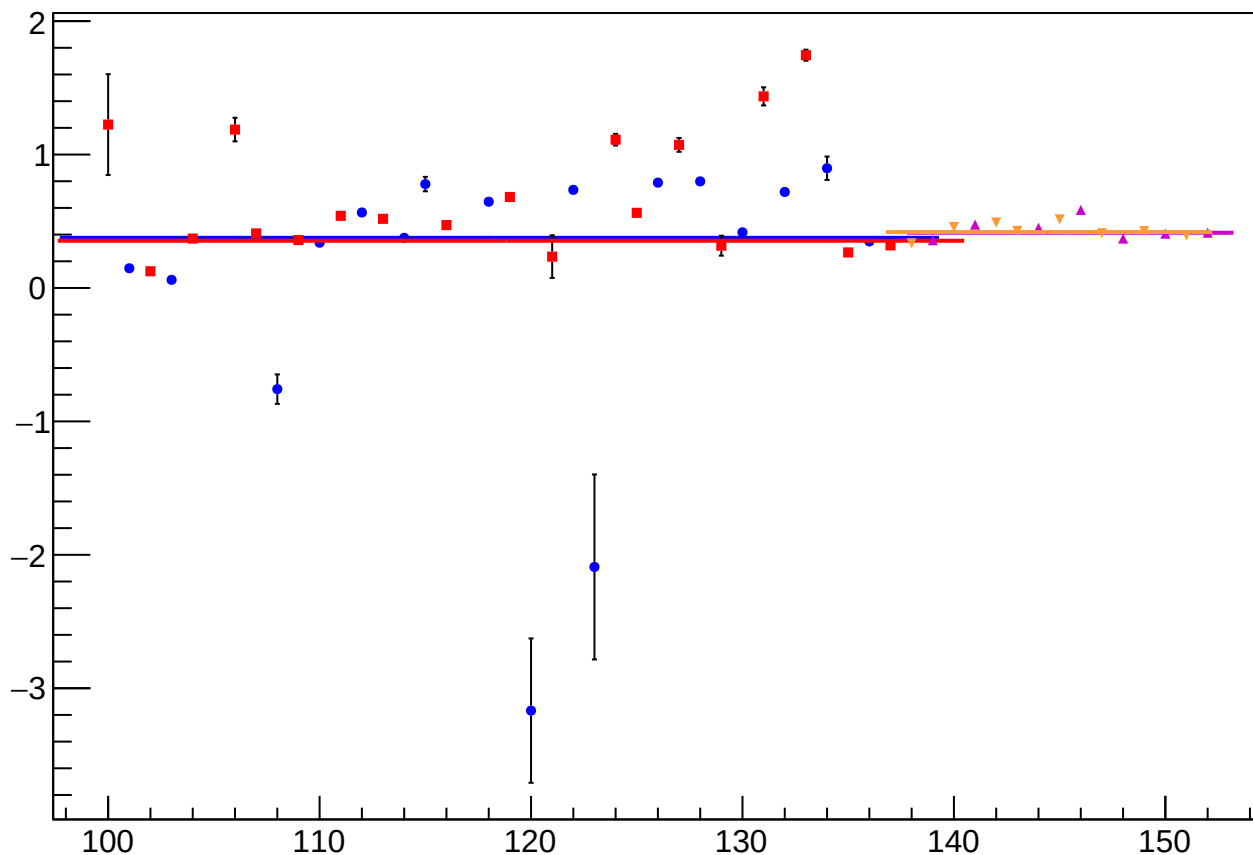
Right: -124.716 $\pm$ 0.000 χ^2 /NDF: 64467869901657

In: -123.524 $\pm$ 0.000 χ^2 /NDF:171678.6/23

Out: -133.456 $\pm$ 0.000 χ^2 /NDF:397516.9/26

All: -124.716 $\pm$ 0.000 χ^2 /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: 0.419 $\pm$ 0.001 χ^2 /NDF: 870.0/7

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: 0.416 $\pm$ 0.001 χ^2 /NDF: 3743.2/14

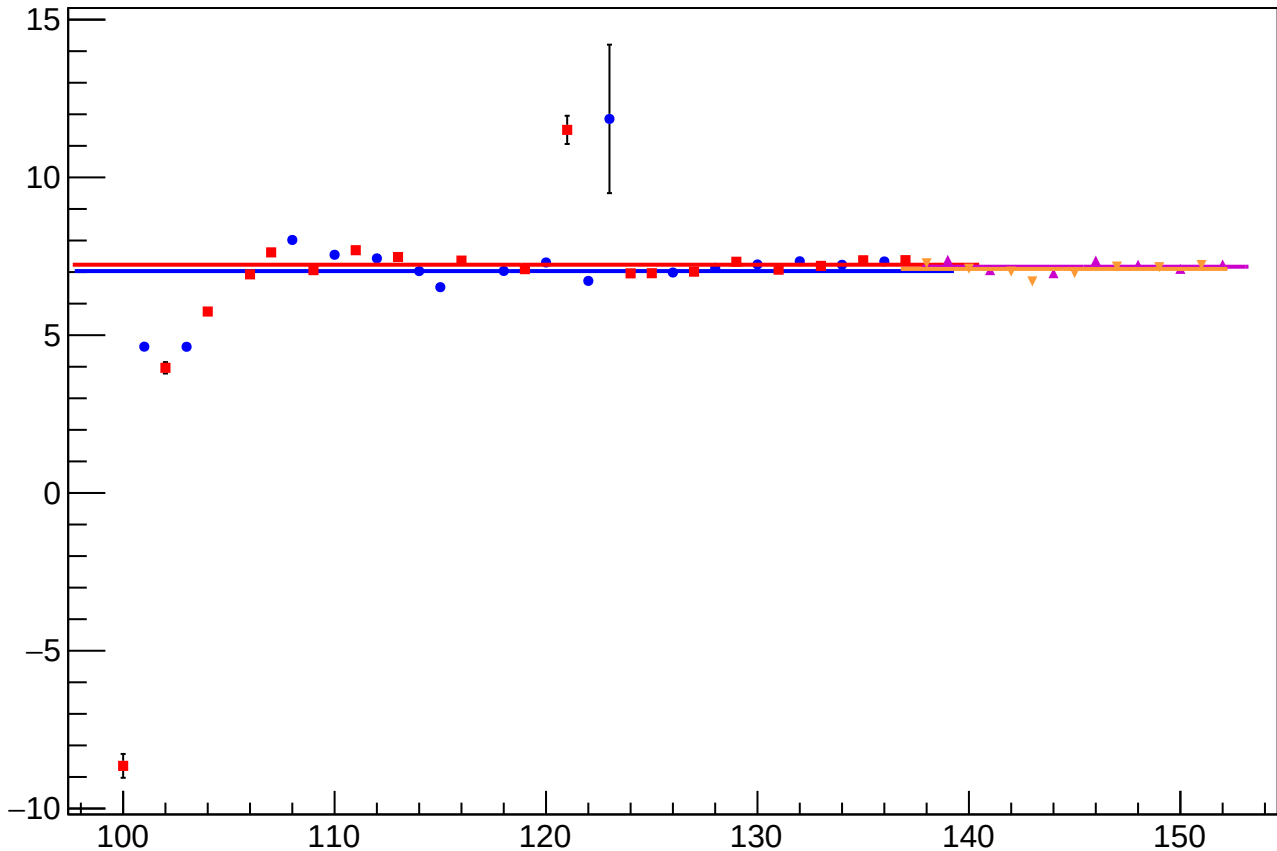
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF: 9306.0/23

Out: 0.404 $\pm$ 0.001 χ^2 /NDF: 6891.4/26

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 17681.4/50

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.100 $\pm$ 0.001 χ^2 /NDF:13049.7/7

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: 7.135 $\pm$ 0.001 χ^2 /NDF: 21467.9/14

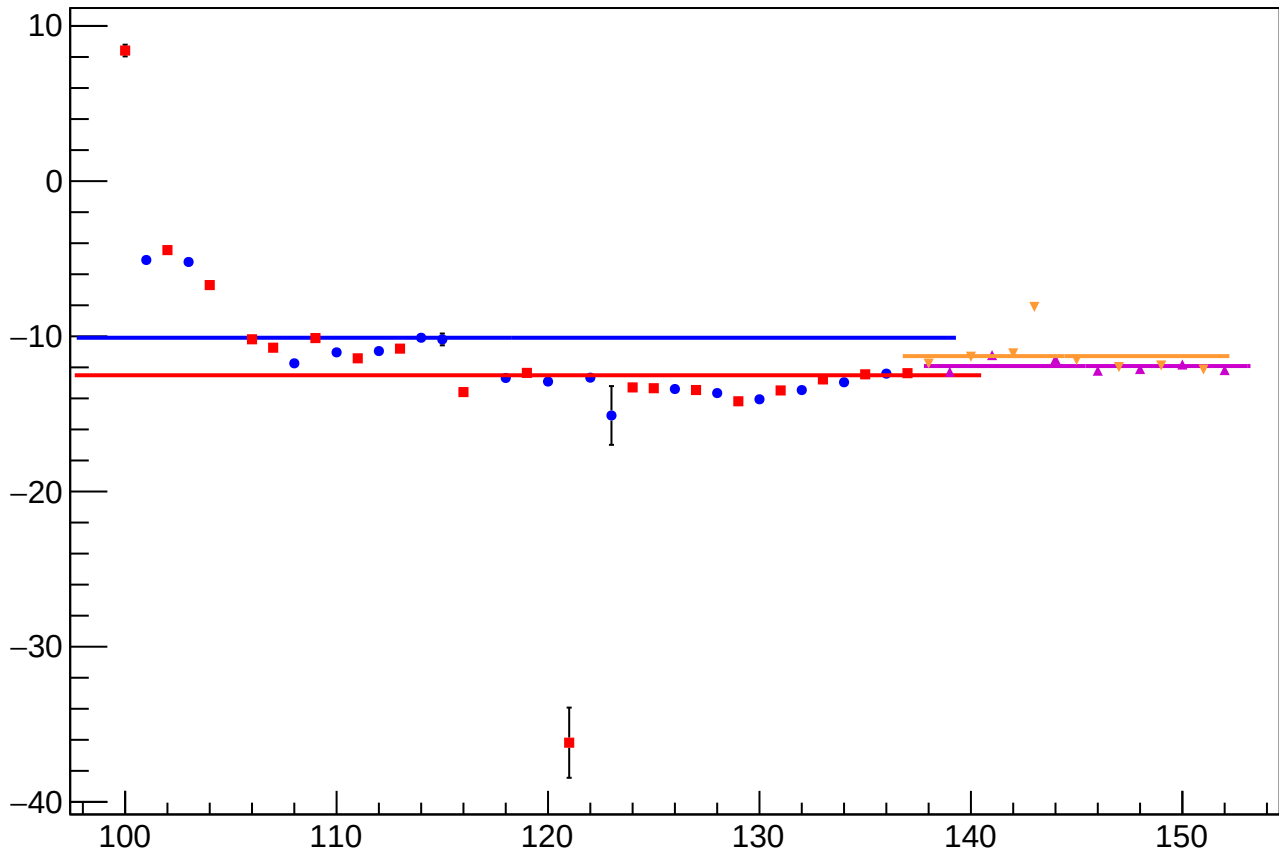
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:35653.1/23

Out: 7.137 $\pm$ 0.001 χ^2 /NDF:25368.0/26

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 67992.6/50

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 543504.2/16$

Left Out: -11.275 ± 0.003 $\chi^2/\text{NDF}: 348203.2/7$

Right Out: -12.509 ± 0.004 $\chi^2/\text{NDF}: 103509.4/18$

Left In: -11.915 ± 0.003 $\chi^2/\text{NDF}: 9564.7/6$

Left: -11.520 ± 0.002 $\chi^2/\text{NDF}: 382068.2/14$

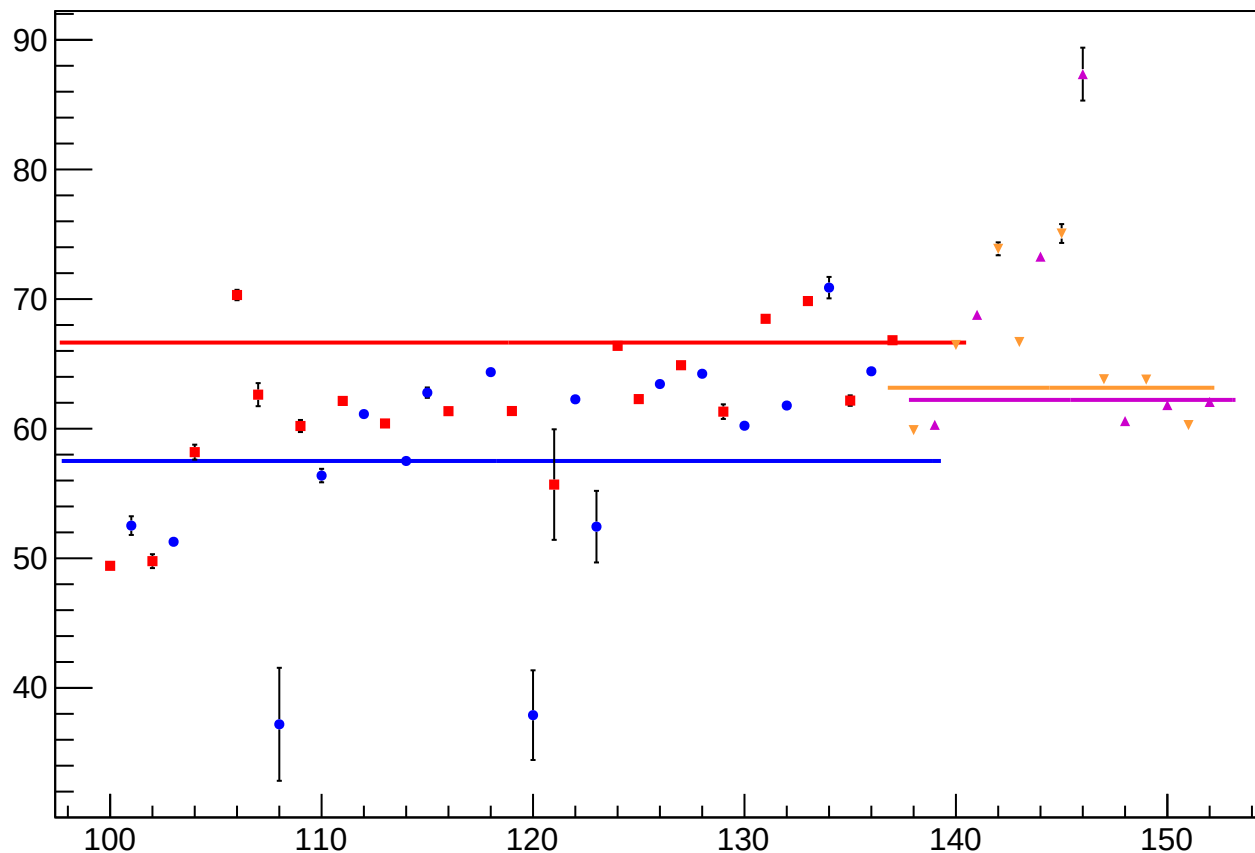
Right: -10.092 ± 0.000 $\chi^2/\text{NDF}: 1062248.5/35$

In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 872693.1/23$

Out: -11.663 ± 0.002 $\chi^2/\text{NDF}: 525876.8/26$

All: -10.092 ± 0.000 $\chi^2/\text{NDF}: 1956558.4/50$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 63.159 $\pm$ 0.066 χ^2 /NDF:2238.6/7

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

Left In: 62.222 $\pm$ 0.055 χ^2 /NDF:2551.2/6

Left: 62.605 $\pm$ 0.042 χ^2 /NDF: 4908.0/14

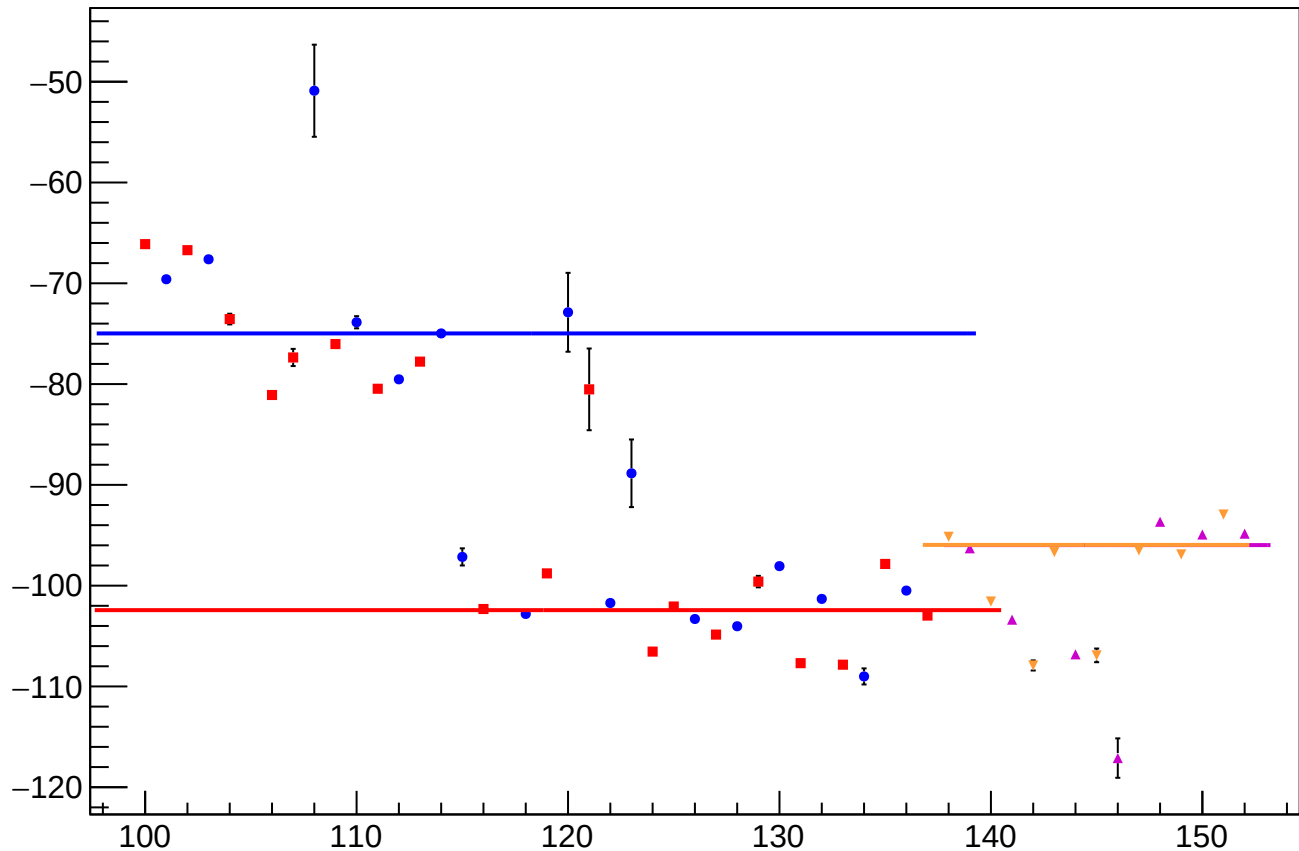
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:17970.9/23

Out: 66.514 $\pm$ 0.013 χ^2 /NDF:13067.7/26

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 523811.2/50

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -95.958 ± 0.068 $\chi^2/\text{NDF}: 2228.8/7$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

Left In: -95.976 ± 0.057 $\chi^2/\text{NDF}: 2880.5/6$

Left: -95.968 ± 0.044 $\chi^2/\text{NDF}: 5109.3/14$

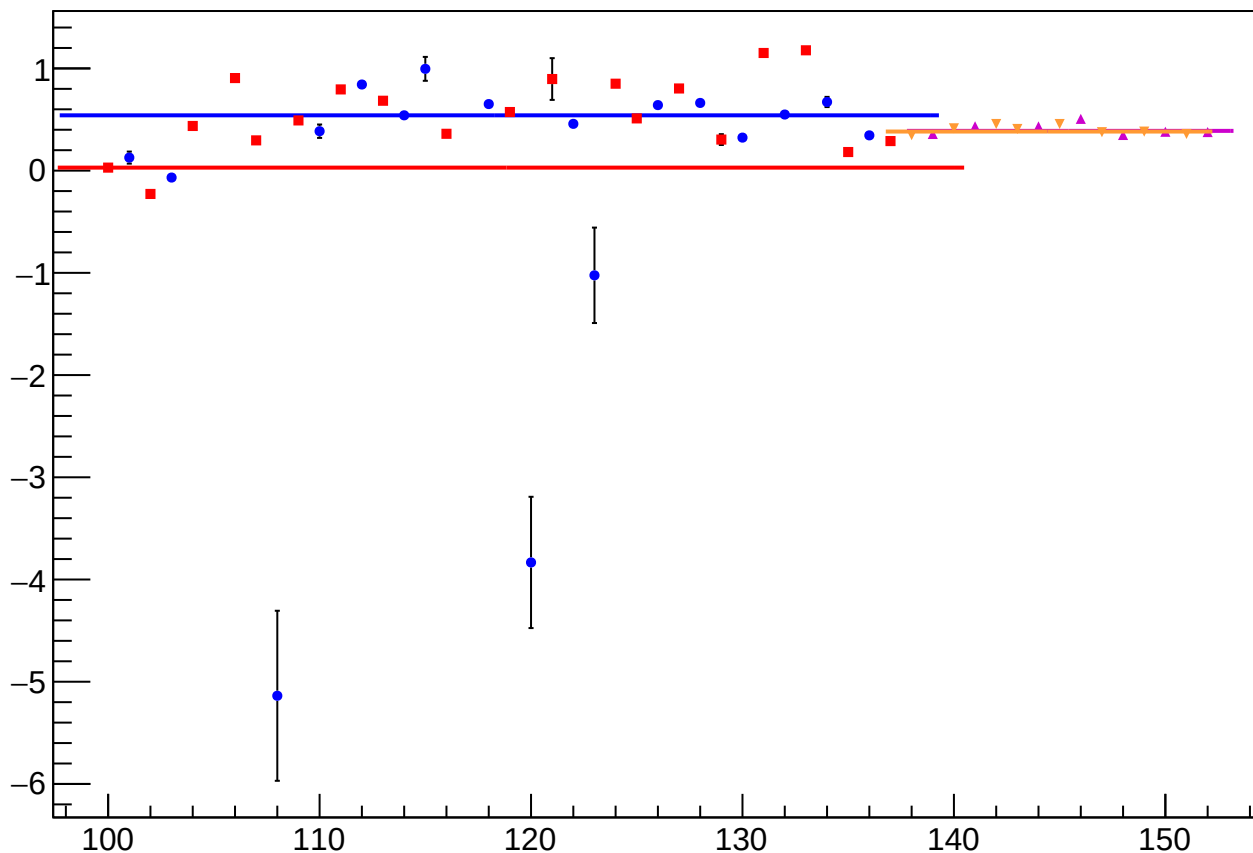
Right: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2556524.2/35$

In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 269697.7/23$

Out: -102.010 ± 0.017 $\chi^2/\text{NDF}: 61176.4/26$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2794230.8/50$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.382 $\pm$ 0.001 χ^2 /NDF:1152.2/7

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: 0.386 $\pm$ 0.000 χ^2 /NDF: 3590.7/14

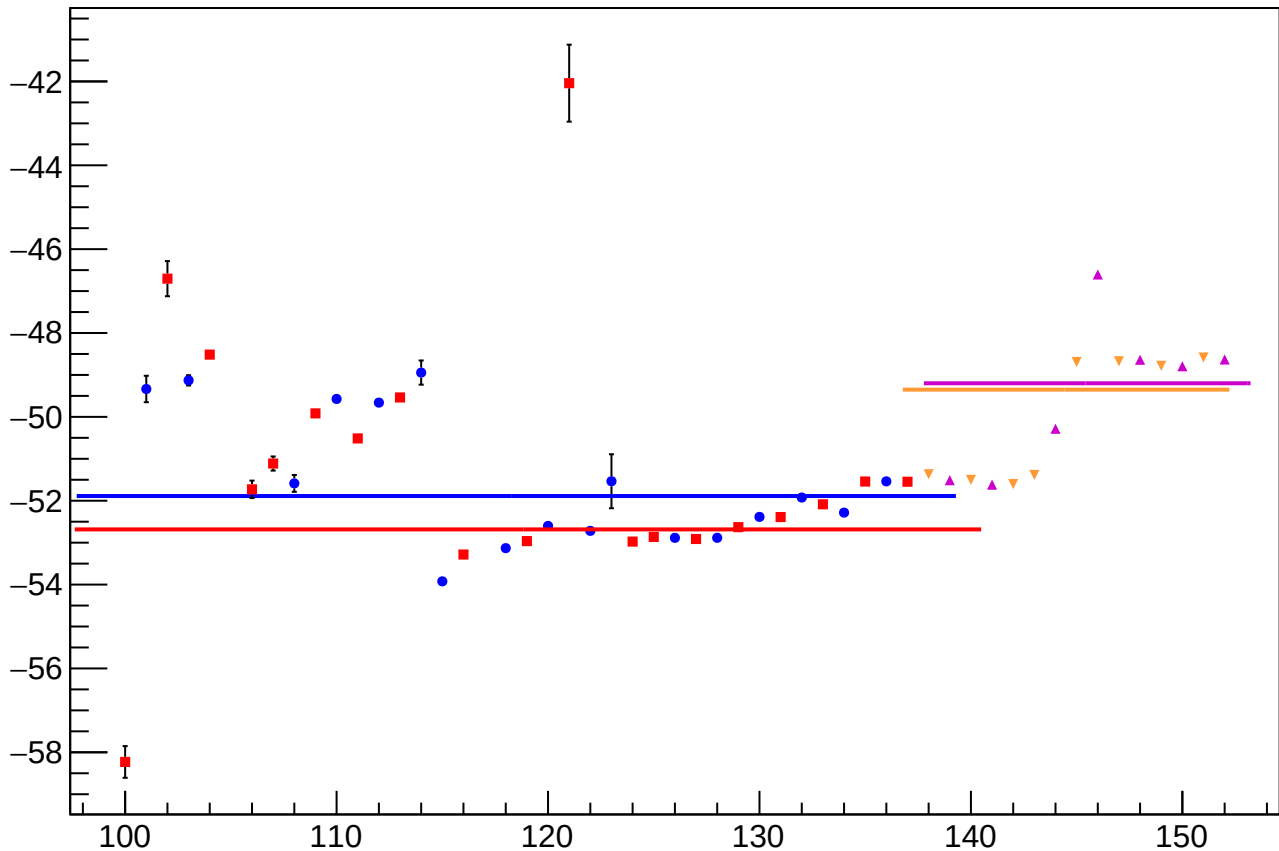
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:105494.5/23

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:425809.2/26

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -49.350 $\pm$ 0.002 χ^2 /NDF: 296200.6/7

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: -49.255 $\pm$ 0.001 χ^2 /NDF: 769885.5/14

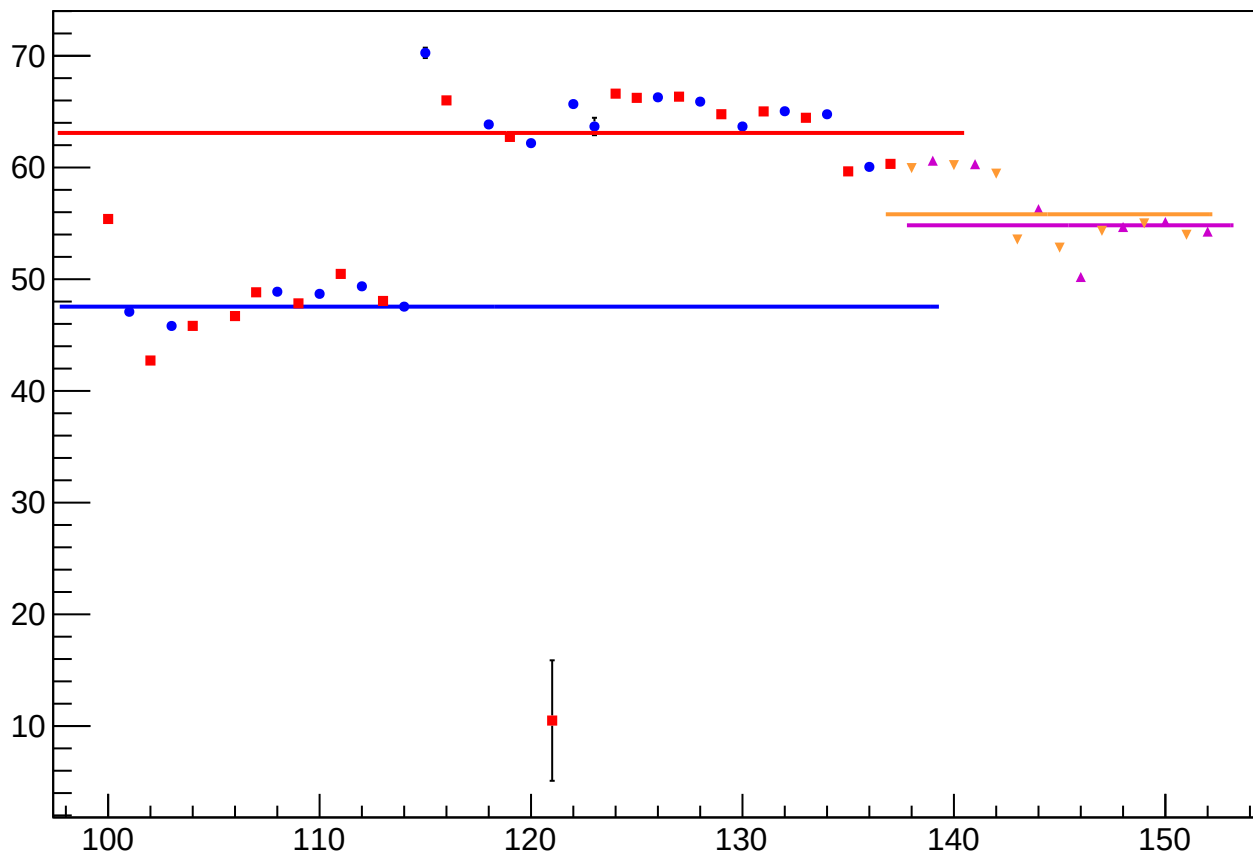
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -50.143 $\pm$ 0.001 χ^2 /NDF: 1493656.8/23

Out: -50.710 $\pm$ 0.002 χ^2 /NDF: 1356818.3/26

All: -50.366 $\pm$ 0.001 χ^2 /NDF: 2923356.1/50

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 55.814+/-0.006 χ^2/NDF : 202161.1/7

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: 55.154+/-0.003 χ^2/NDF : 296334.5/14

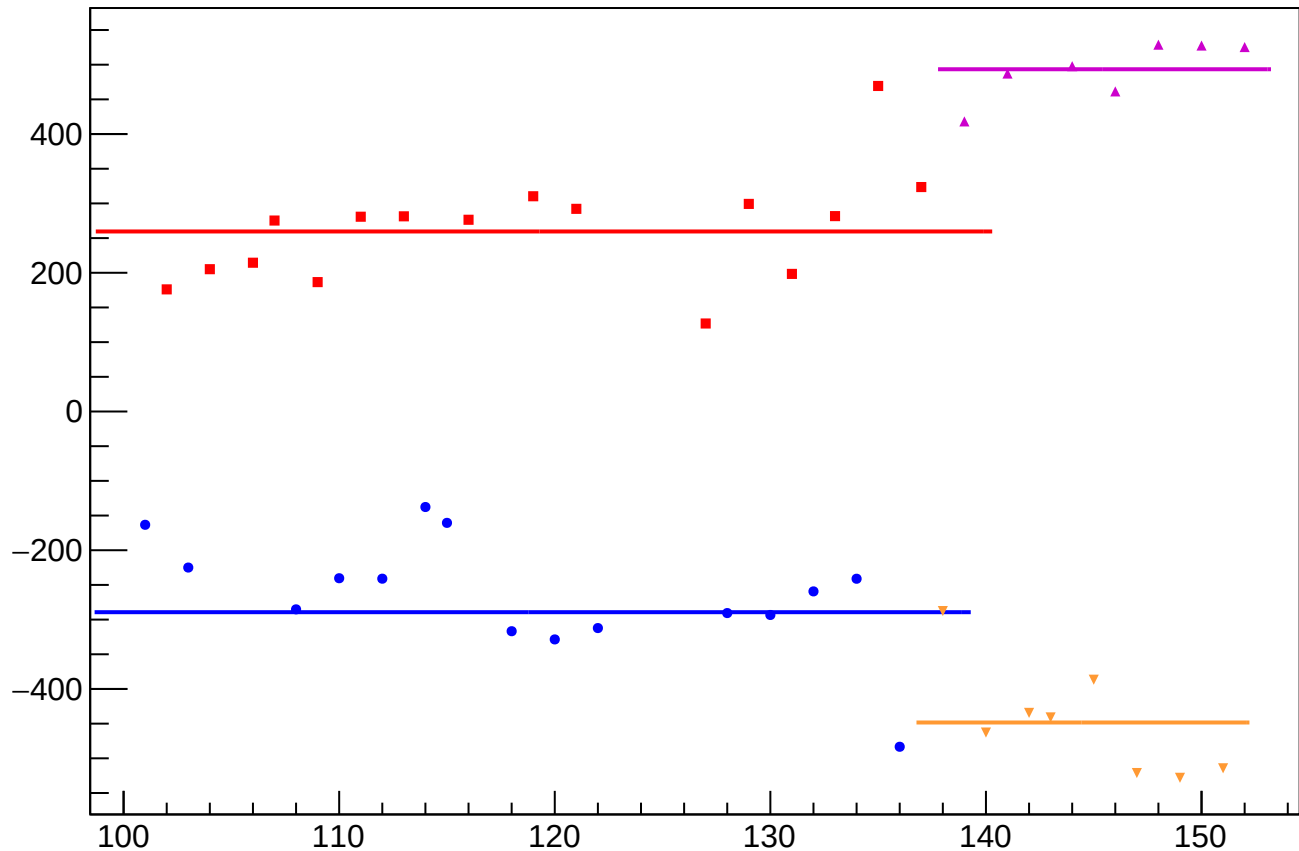
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF : 6837297.3/23

Out: 58.502+/-0.005 χ^2/NDF : 1134611.8/26

All: 47.545+/-0.000 χ^2/NDF : 13794695.3/50

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000

χ^2/NDF : 53696816404891478649585392183934976.0/14

Left Out: -448.350+/-0.000

χ^2/NDF : 3634257376377725619834233237635334144.0/7

Right Out: 259.558+/-0.000

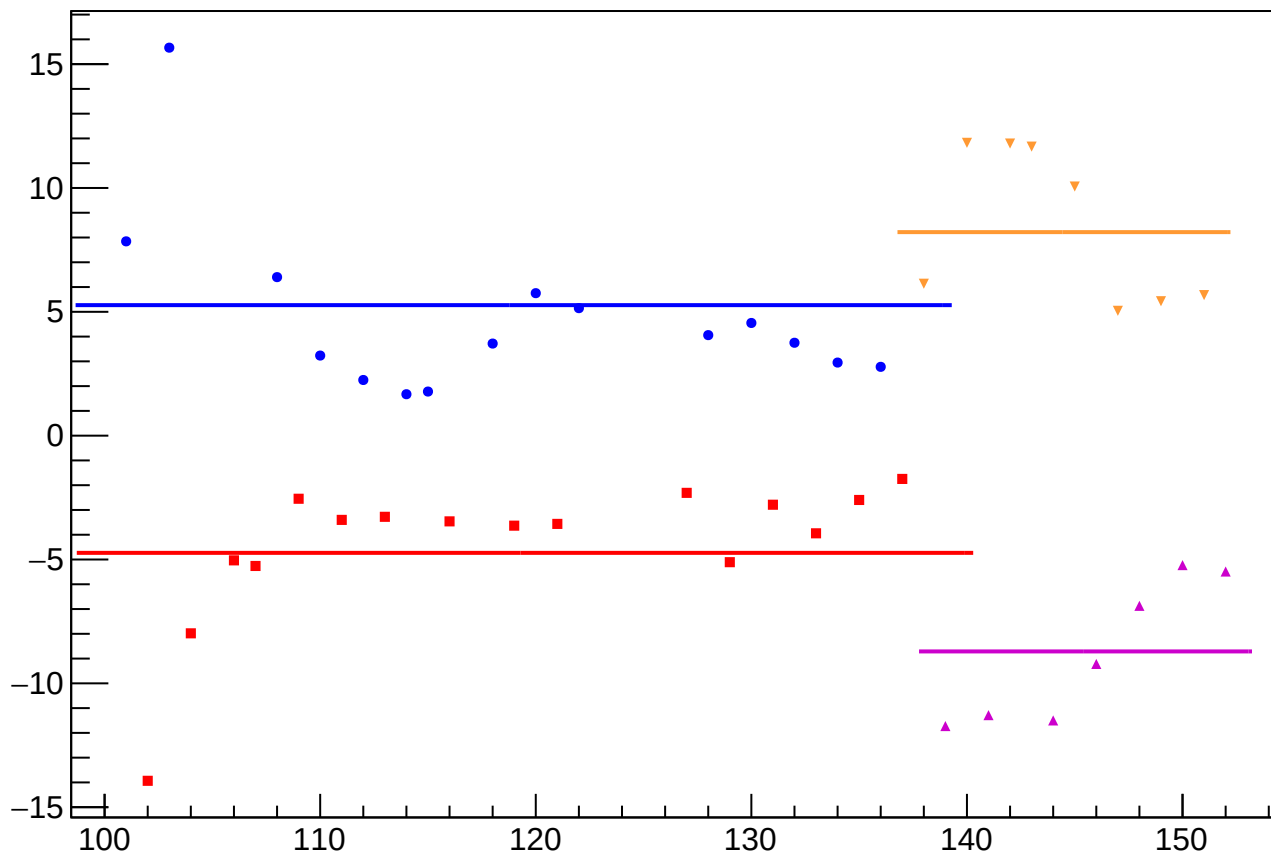
χ^2/NDF : 4299886792692123970784563983770714112.0/15

Left In: 493.425+/-0.000

χ^2/NDF : 848263418681921501466616446746361856.0/6

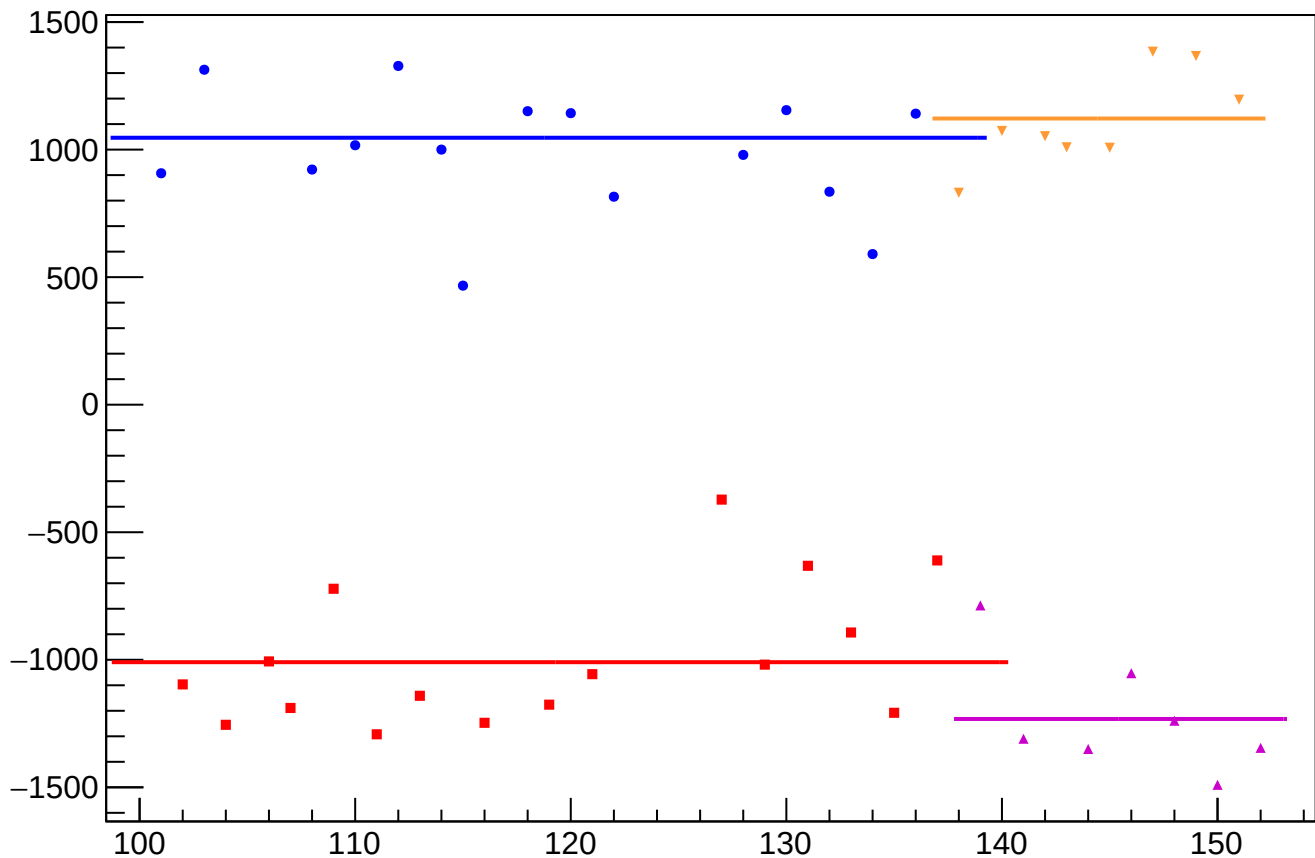
All: 6.193+/-0.000 χ^2/NDF : 37860210867635

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 5.270 $\pm$ 0.000 χ^2 /NDF: 8709683292123798330550906790084608.0/14
 Left Out: 8.218 $\pm$ 0.000 χ^2 /NDF: 5004954654112949492801722365509632.0/7
 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: -0.036 $\pm$ 0.000 χ^2 /NDF: 1434056774841

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000

χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: -1009.445+/-0.000

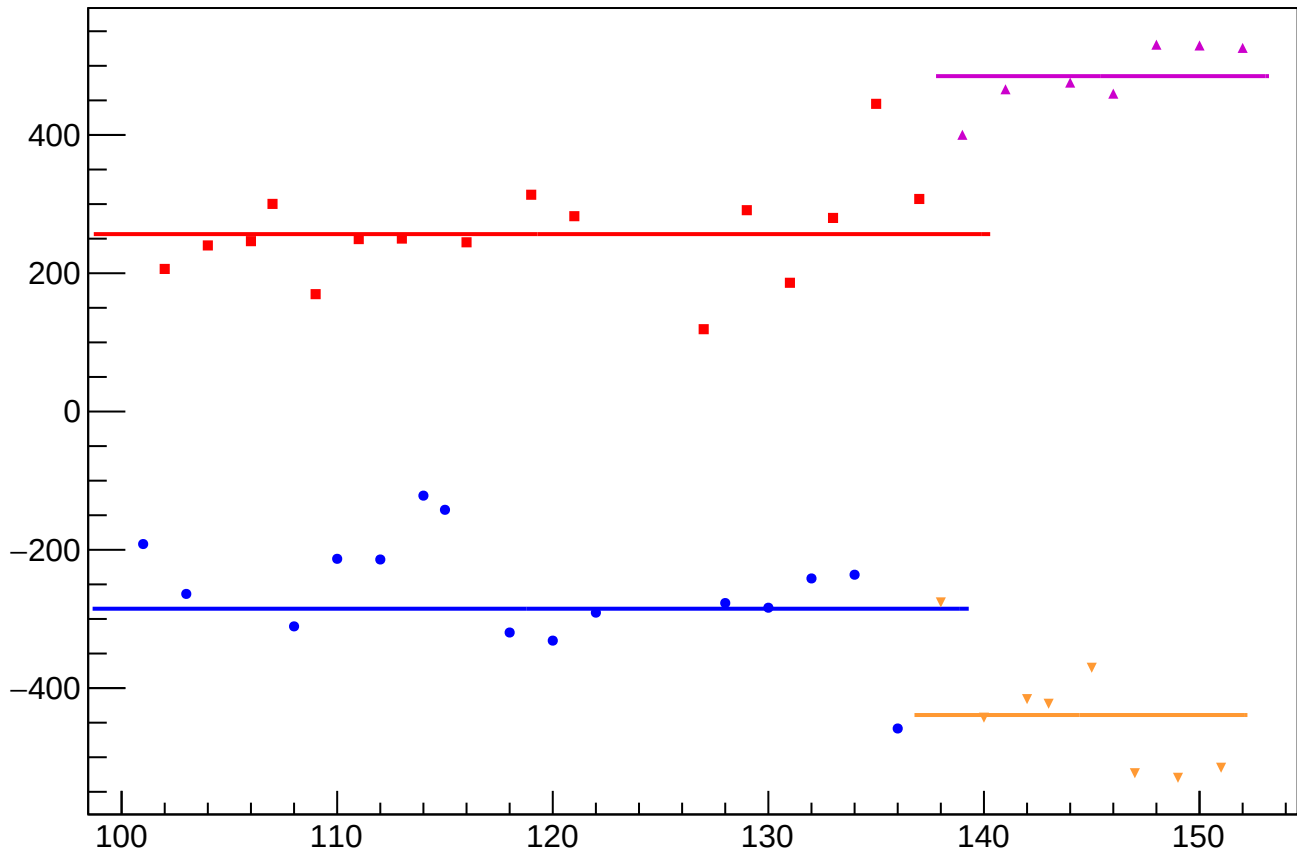
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

Left Out: -438.923+/-0.000

Right Out: 256.599+/-0.000

Left In: 485.071+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

χ^2/NDF : 4183611557279187703726653085942022144.0/7

χ^2/NDF : 3648271535971039165952602563191767040.0/15

χ^2/NDF : 1172262325387306974703768679393263616.0/6

Left: 25.785+/-0.000 χ^2/NDF : 25998222225586883

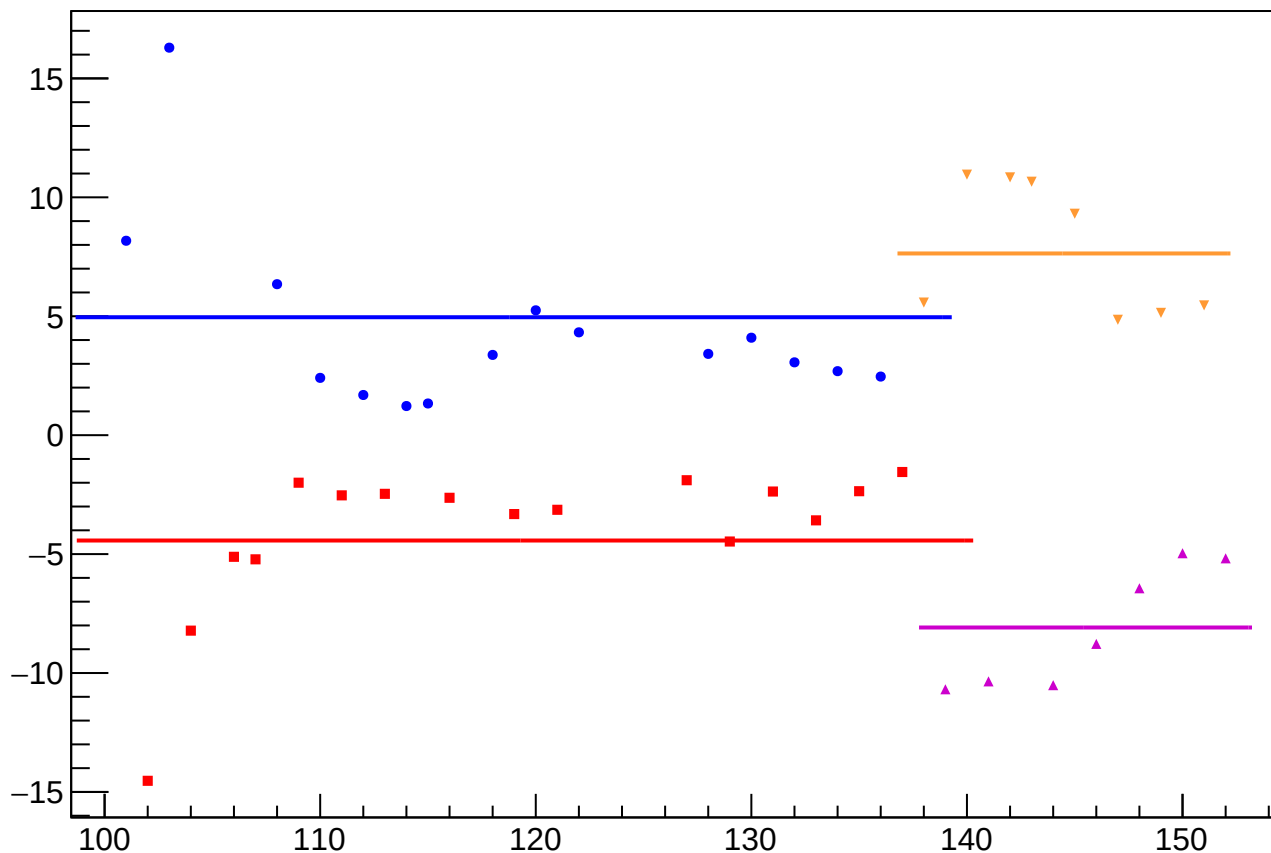
Right: -10.589+/-0.000 χ^2/NDF : 104681795299957

In: 84.833+/-0.000 χ^2/NDF : 190623628746019838

Out: -70.738+/-0.000 χ^2/NDF : 1596877130919583

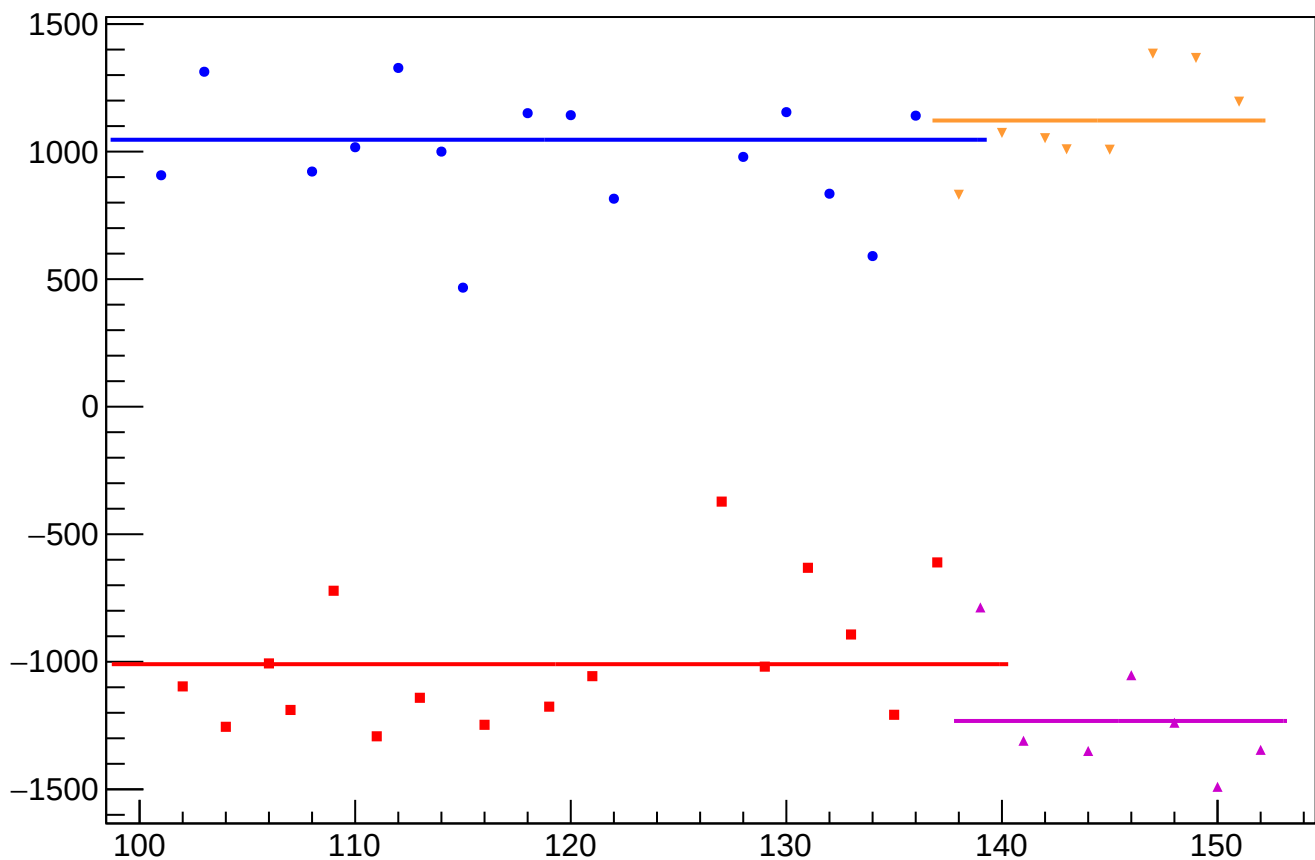
All: 6.707+/-0.000 χ^2/NDF : 36549189314890

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



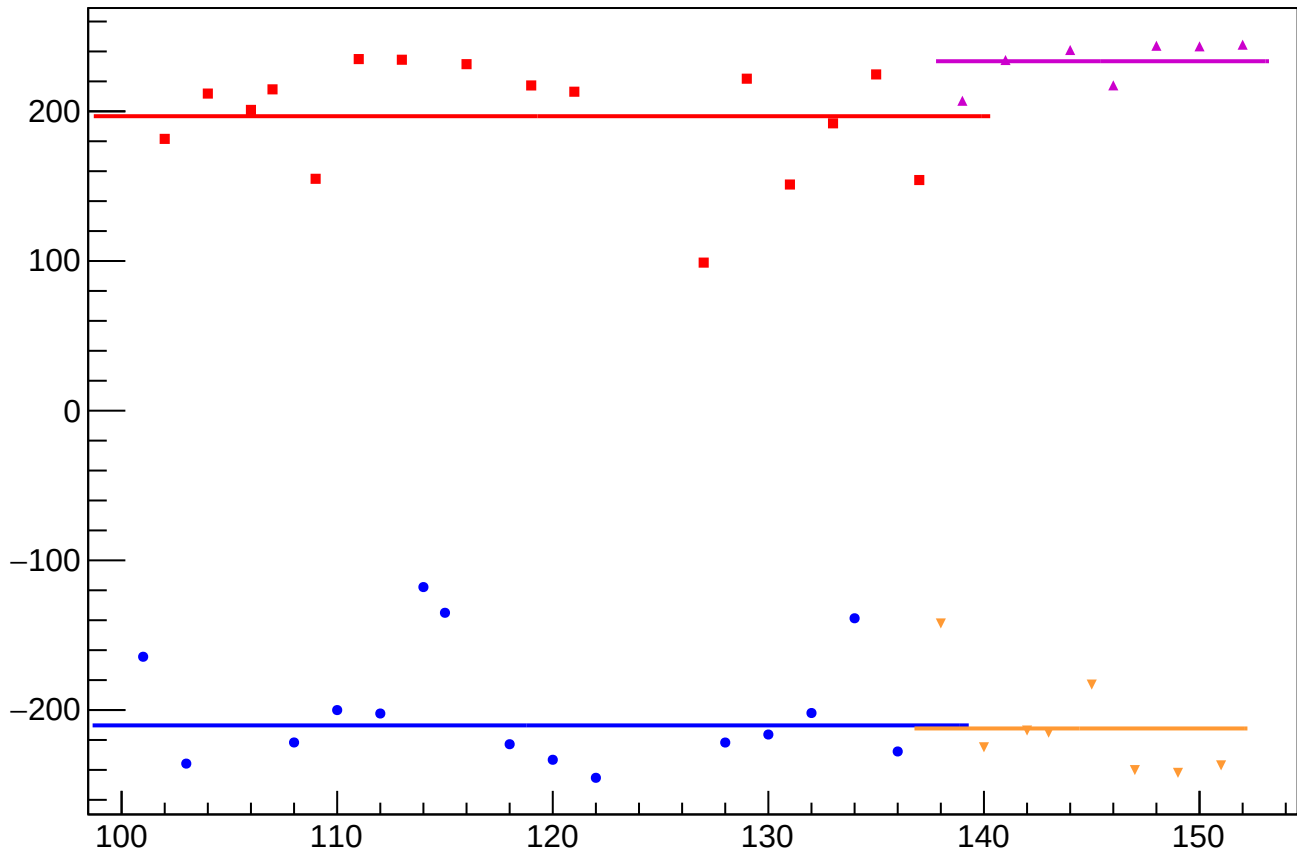
Right In: 4.959 $\pm$ 0.000 χ^2 /NDF: 10465467057143371817371681641463808.0/14
 Left Out: 7.640 $\pm$ 0.000 χ^2 /NDF: 4036310561932536946762951038074880.0/7
 Right Out: -4.429 $\pm$ 0.000 χ^2 /NDF: 8371440400334524571131796772618240.0/15
 Left In: -8.086 $\pm$ 0.000 χ^2 /NDF: 3396442059738156999511820652773376.0/6
 All: -0.023 $\pm$ 0.000 χ^2 /NDF: 1291529486730

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	Left: -61.983+/-0.000	χ^2/NDF : 1699929023158725
Left Out: 1121.879+/-0.000	χ^2/NDF : 19769512923344846183861395938592423936.0/7	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: -6.370+/-0.000	χ^2/NDF : 14903373302484067
	All: -27.132+/-0.000	χ^2/NDF : 316254106633	

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -212.311+/-0.000

χ^2/NDF : 648150473690845466337124848030973952.0/7

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: 11.884+/-0.000 χ^2/NDF : 60024857374917996

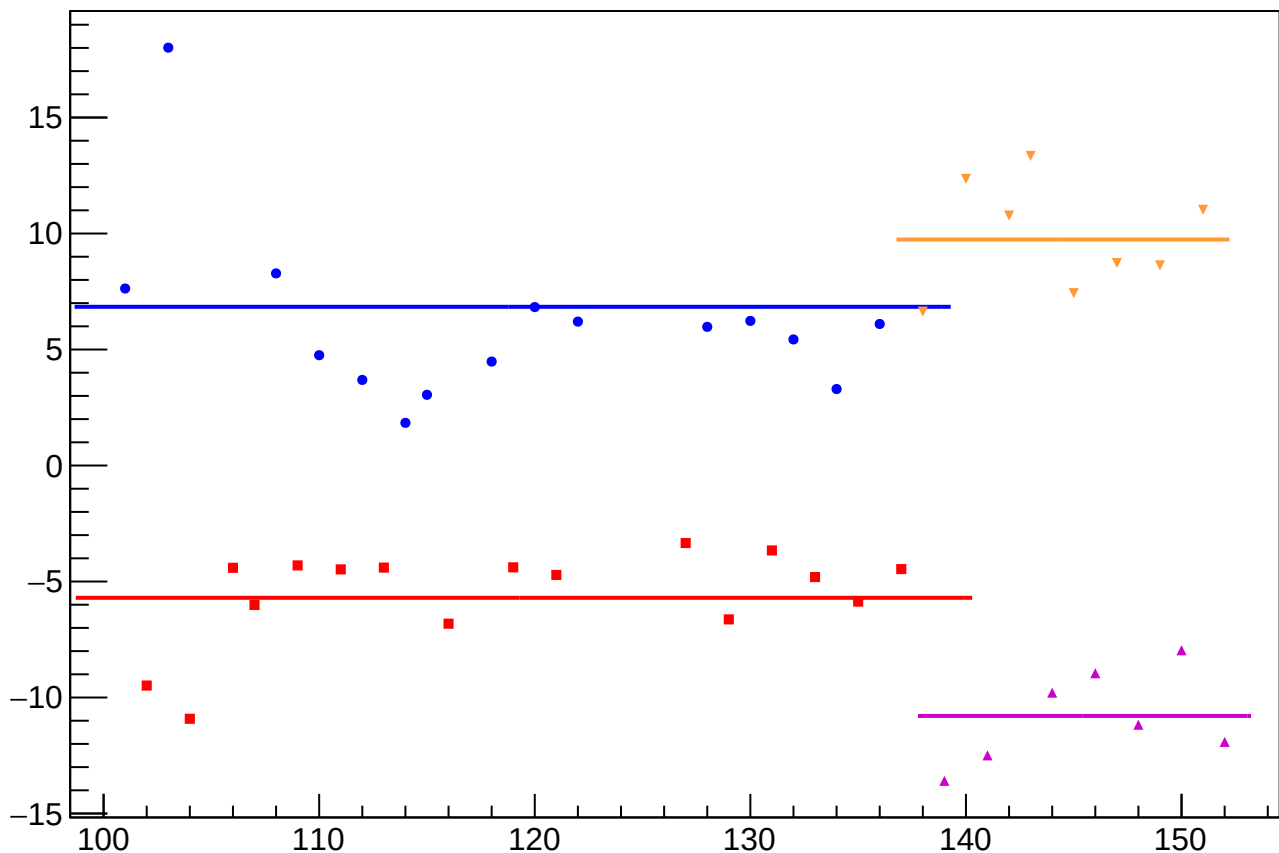
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: 2.897+/-0.000 χ^2/NDF : 6206454391431856007

Out: 4.224+/-0.000 χ^2/NDF : 540817618122259010

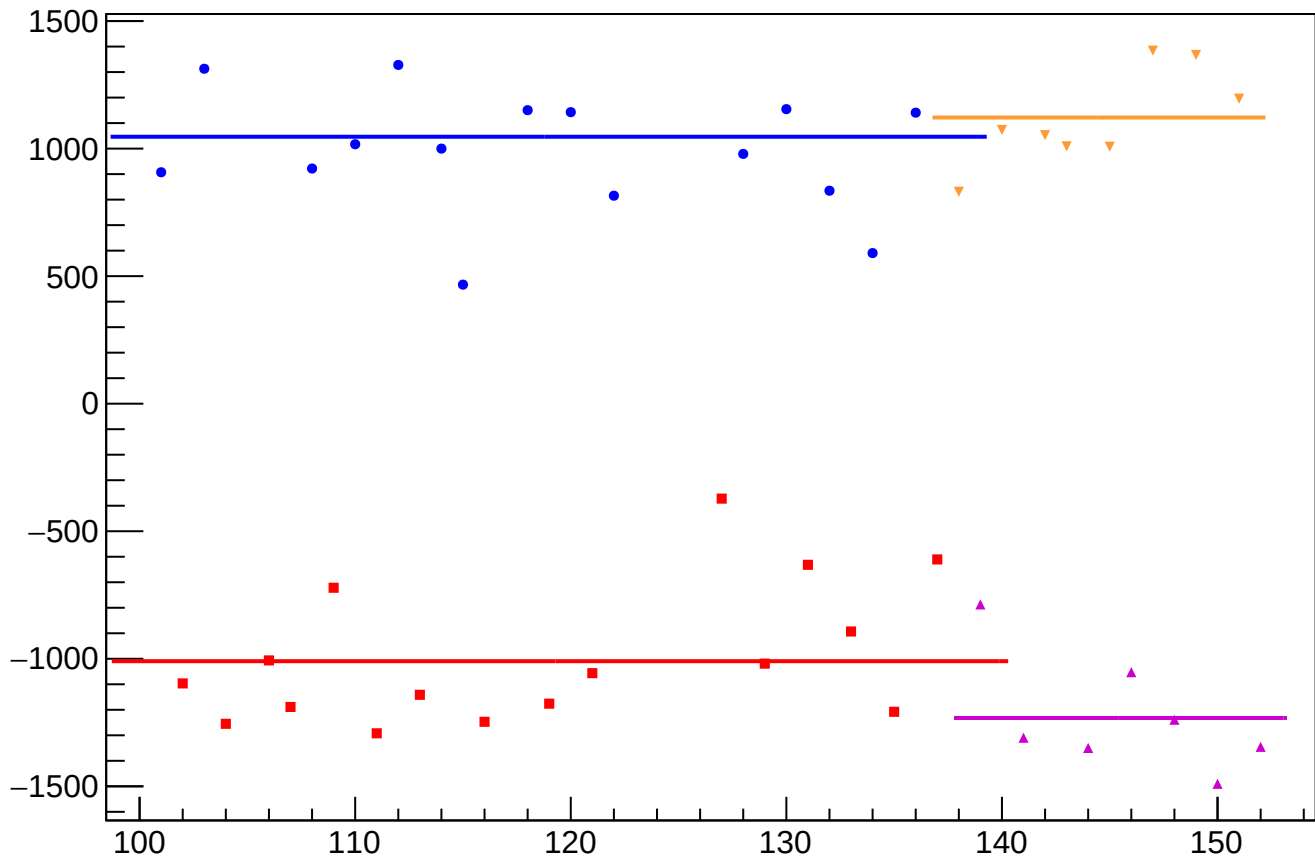
All: 3.564+/-0.000 χ^2/NDF : 11614741014384

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 6.842 $\pm$ 0.000 χ^2 /NDF: 9355934166823324467316647620771840.0/14
 Left Out: 9.742 $\pm$ 0.000 χ^2 /NDF: 2975689932625261765735603901562880.0/7
 Right Out: -5.701 $\pm$ 0.000 χ^2 /NDF: 3174693398300953393137731791486976.0/15
 Left In: -10.794 $\pm$ 0.000 χ^2 /NDF: 2099716708822228754682177717796864.0/6
 All: -0.025 $\pm$ 0.000 χ^2 /NDF: 1958459794198

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000

χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: -1009.445+/-0.000

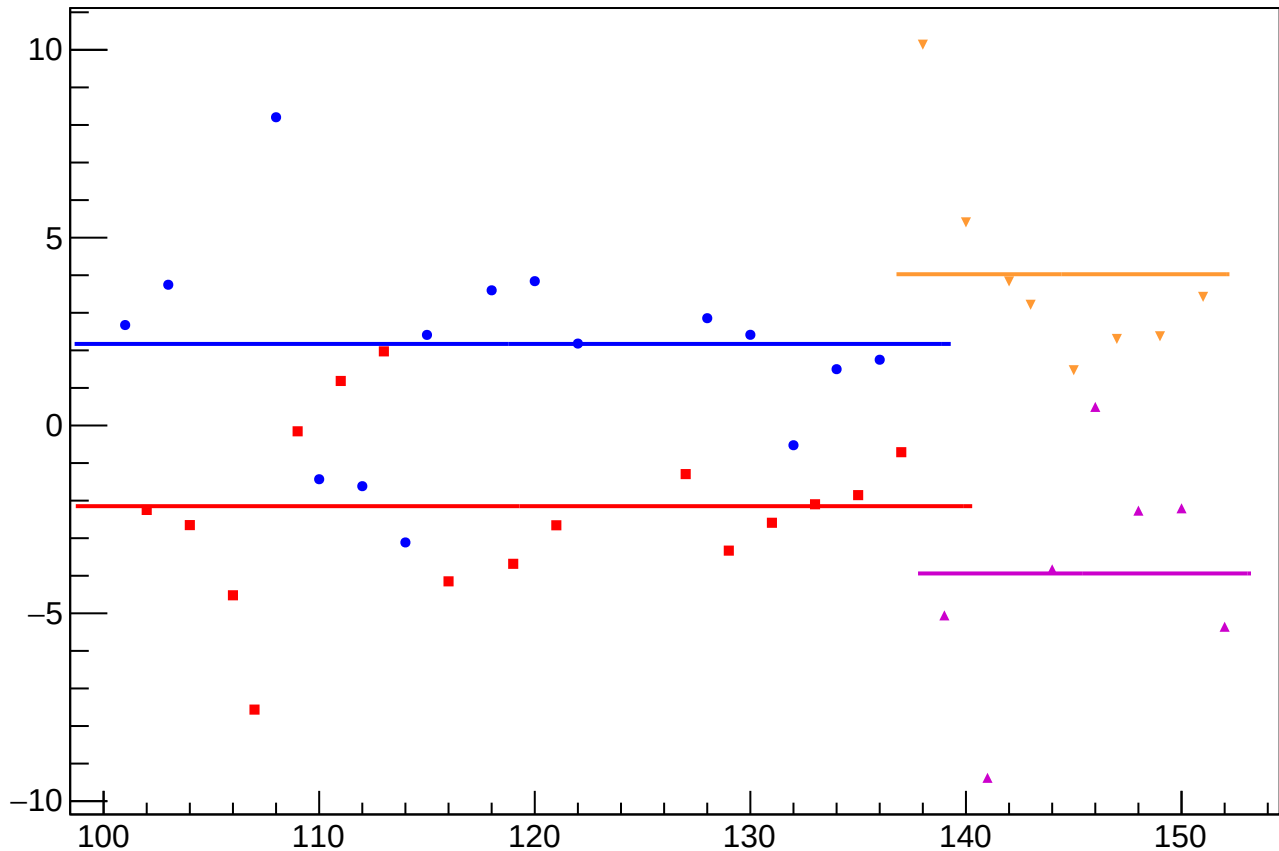
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

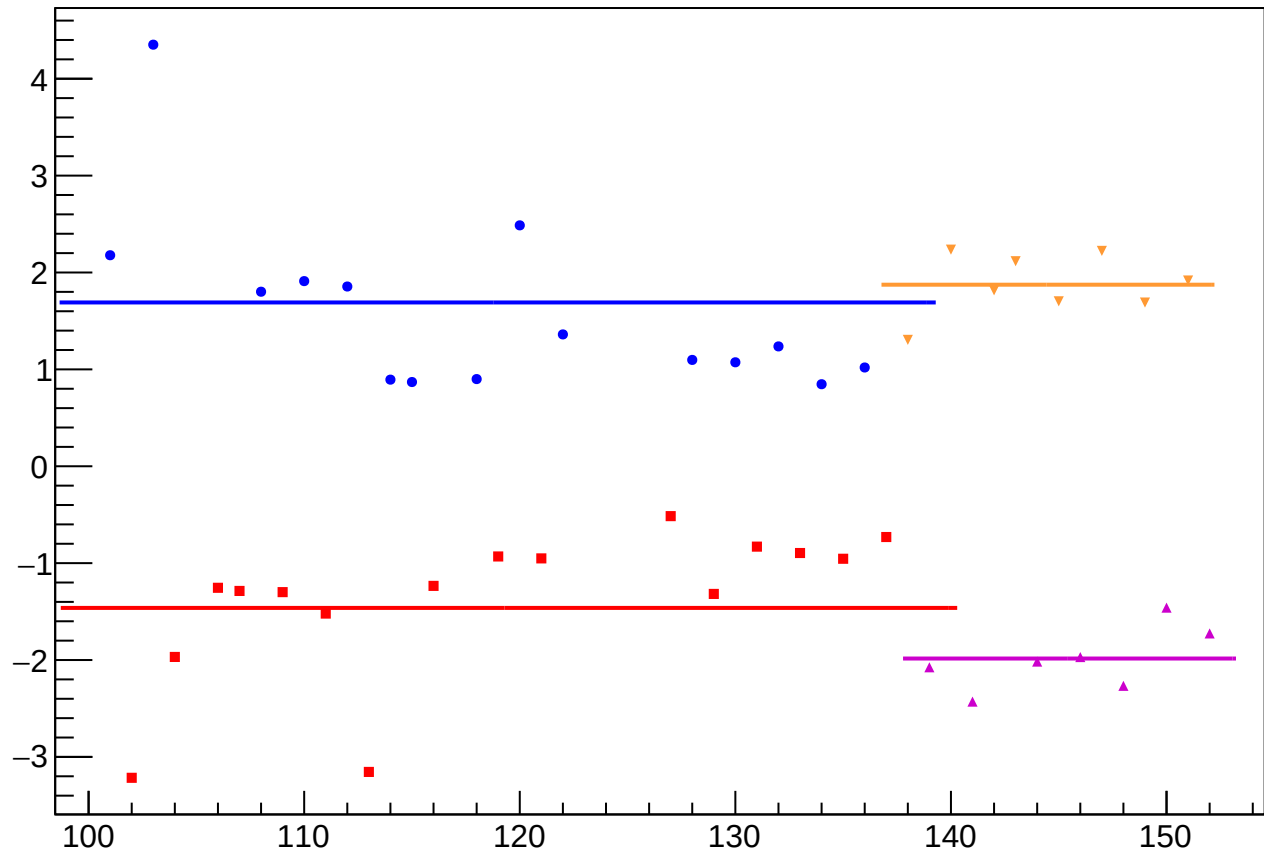
All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_4aY_coil1_mean vs Slug, Sign Corrected



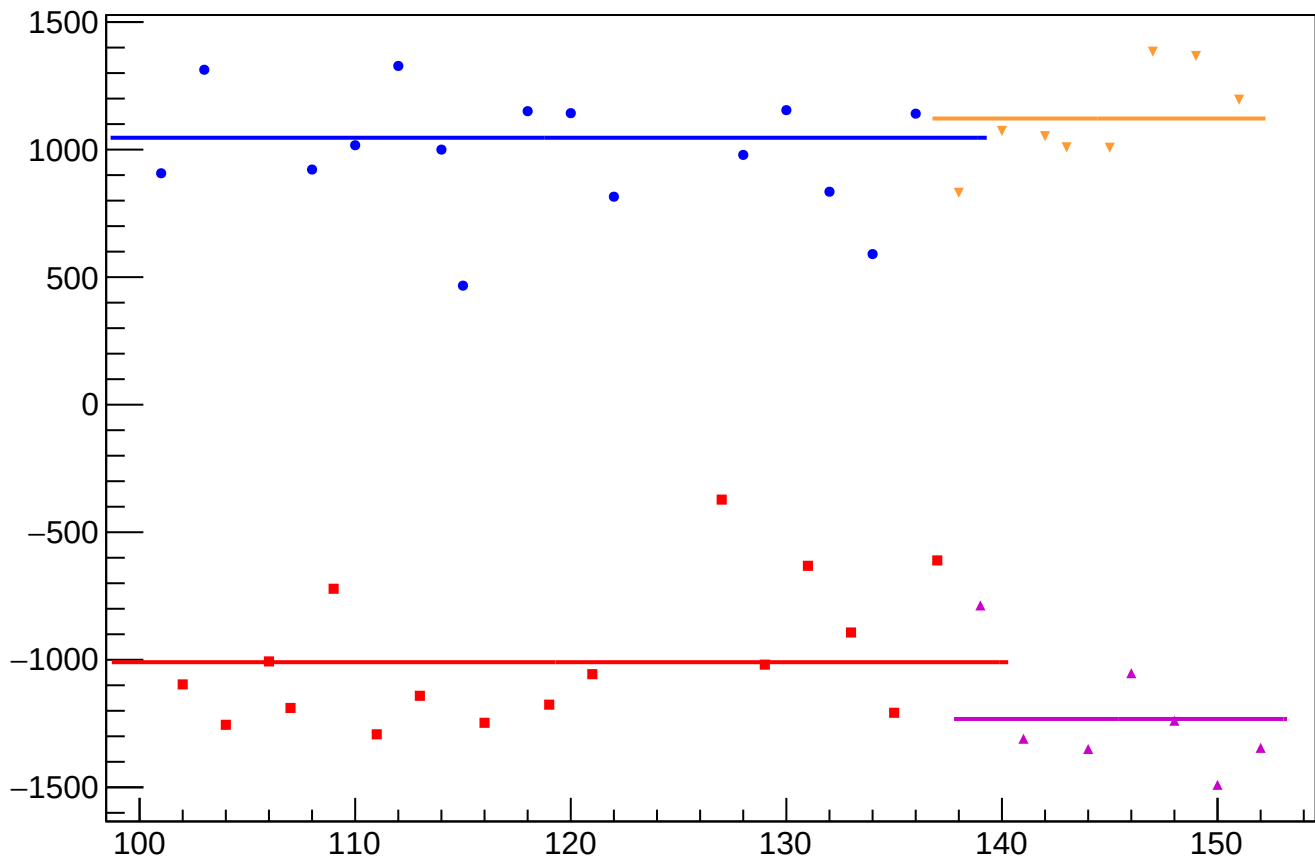
Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.027+/-0.000 χ^2/NDF : 4132745825467109424043773011165184.0/7
 Right Out: -2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: -3.939+/-0.000 χ^2/NDF : 4932488532508748812740884688797696.0/6
 All: 0.001+/-0.000 χ^2/NDF : 40818700013374

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.874+/-0.000 χ^2/NDF : 54990475618991715763391584796672.0/7
 Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: -1.985+/-0.000 χ^2/NDF : 55193607612551876974439009615872.0/6
 All: 0.017+/-0.000 χ^2/NDF : 88928072739114

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000

χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: -1009.445+/-0.000

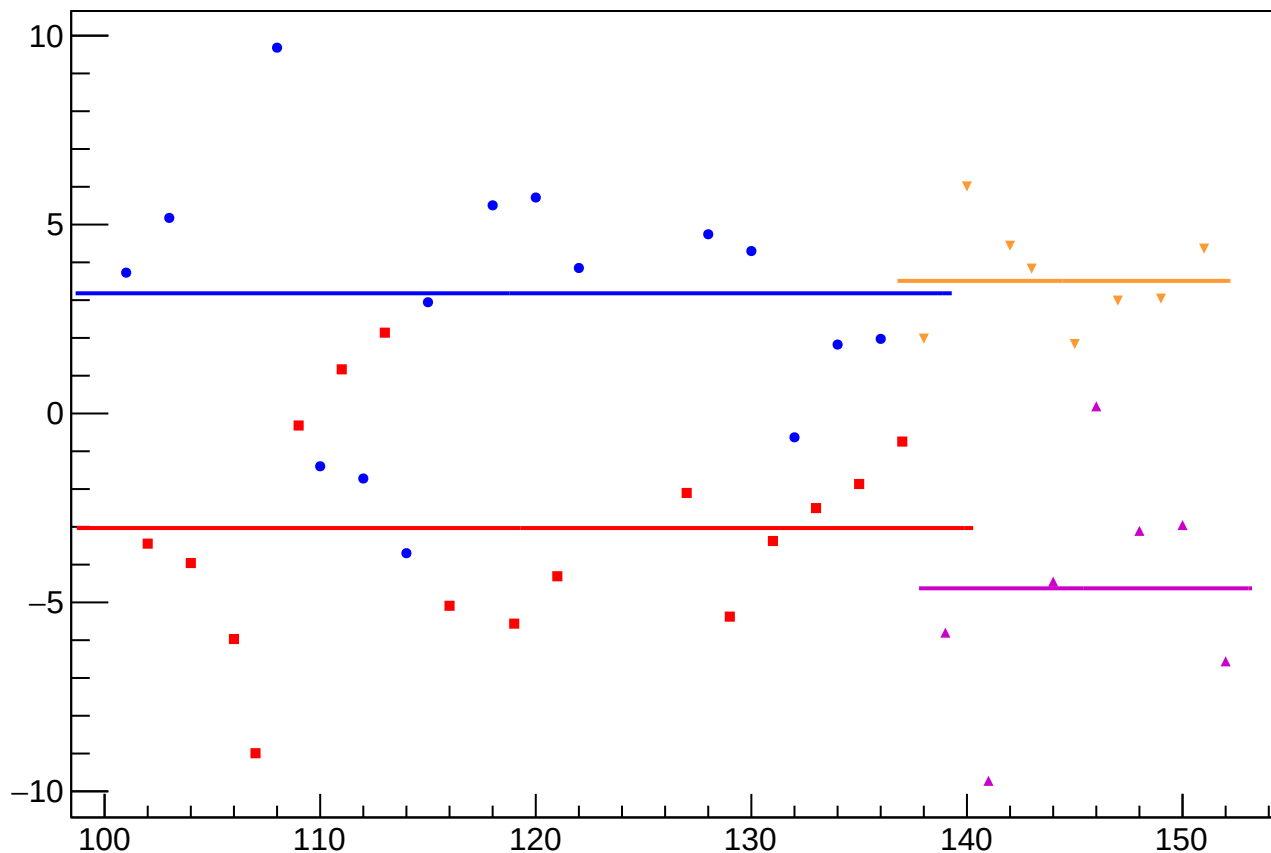
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

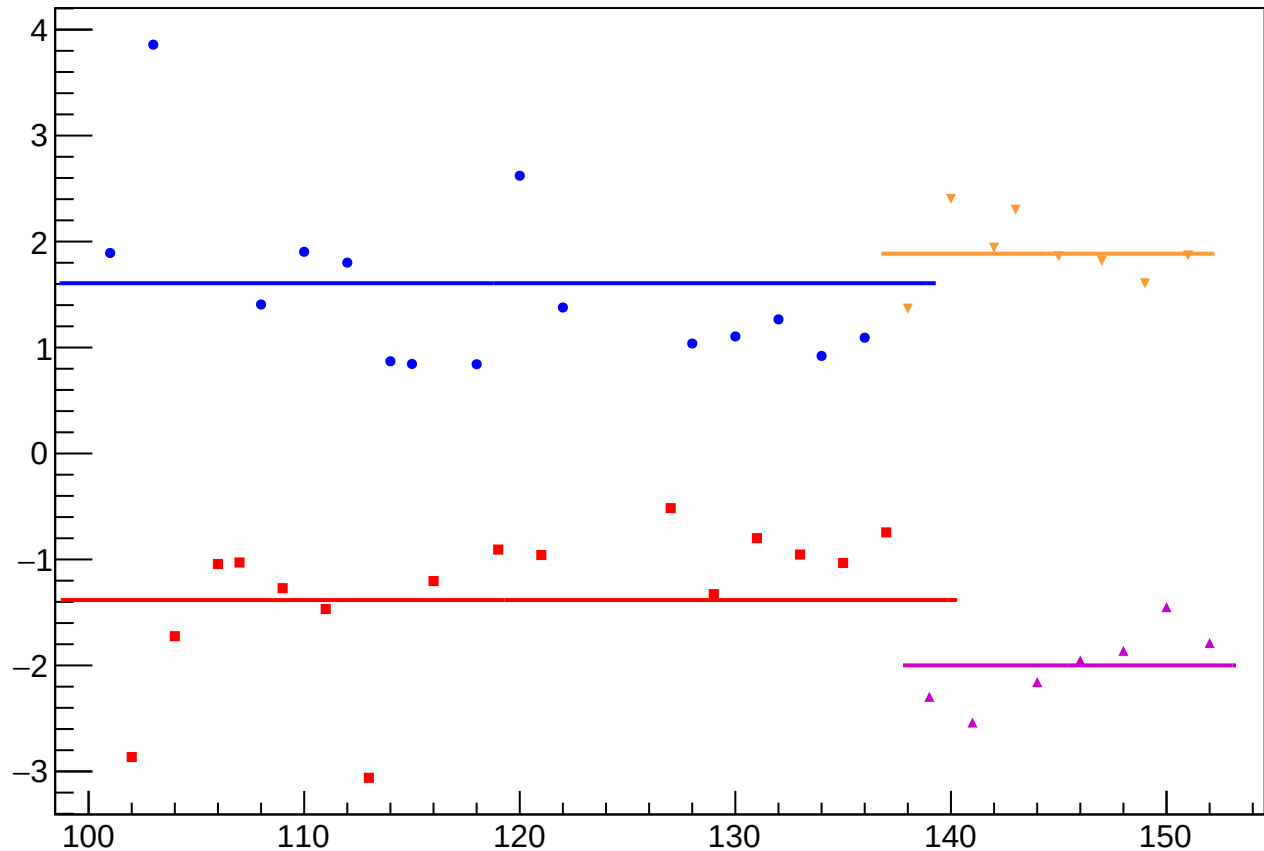
All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_4eY_coil1_mean vs Slug, Sign Corrected



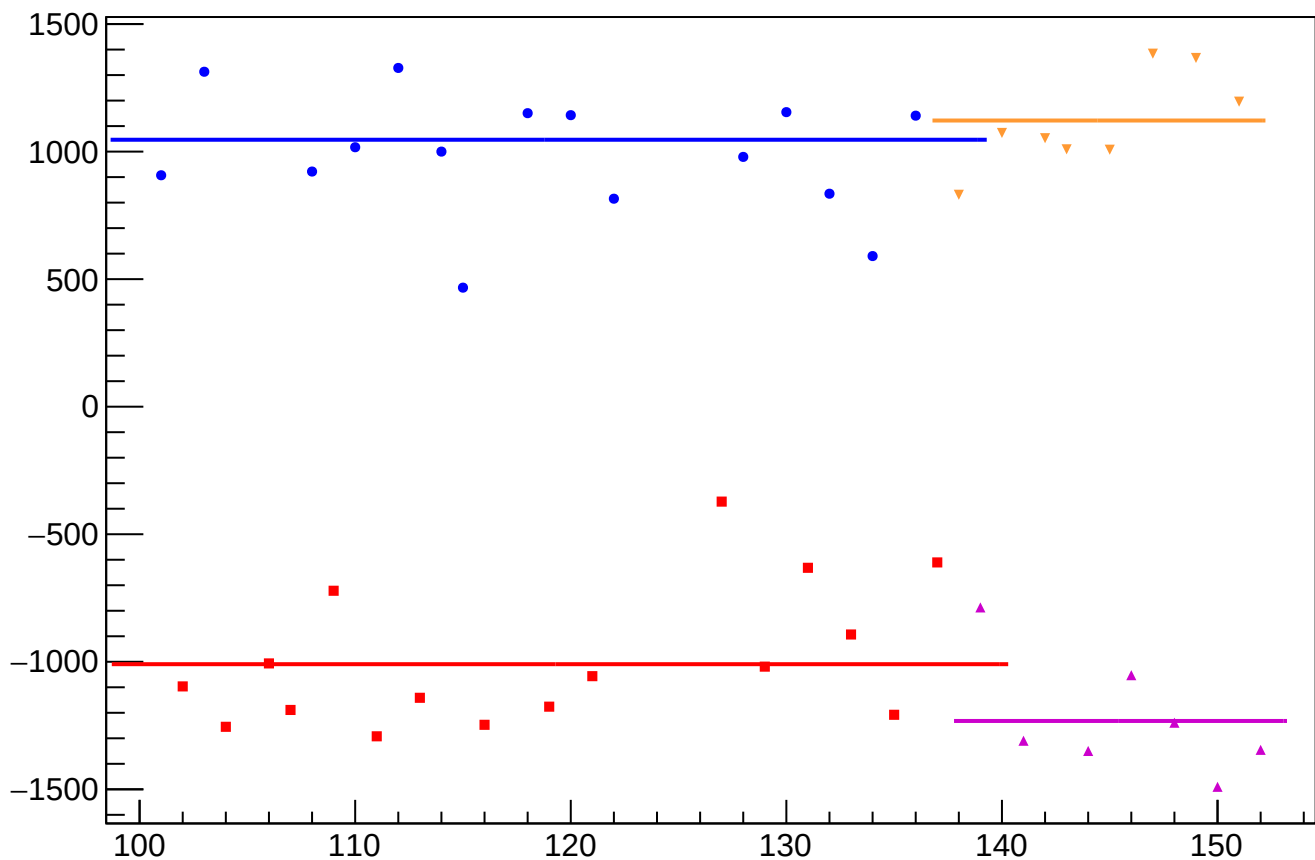
Right In: 3.181 ± 0.000 $\chi^2/\text{NDF}: 5833303227868252617704566394191872.0/14$
 Left Out: 3.510 ± 0.000 $\chi^2/\text{NDF}: 1063699216997645292438491355938816.0/7$
 Right Out: -3.032 ± 0.000 $\chi^2/\text{NDF}: 4937209831371793945496546833334272.0/15$
 Left In: -4.627 ± 0.000 $\chi^2/\text{NDF}: 5020388992873274753518769696407552.0/6$
 All: -0.260 ± 0.000 $\chi^2/\text{NDF}: 4953868327970$

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



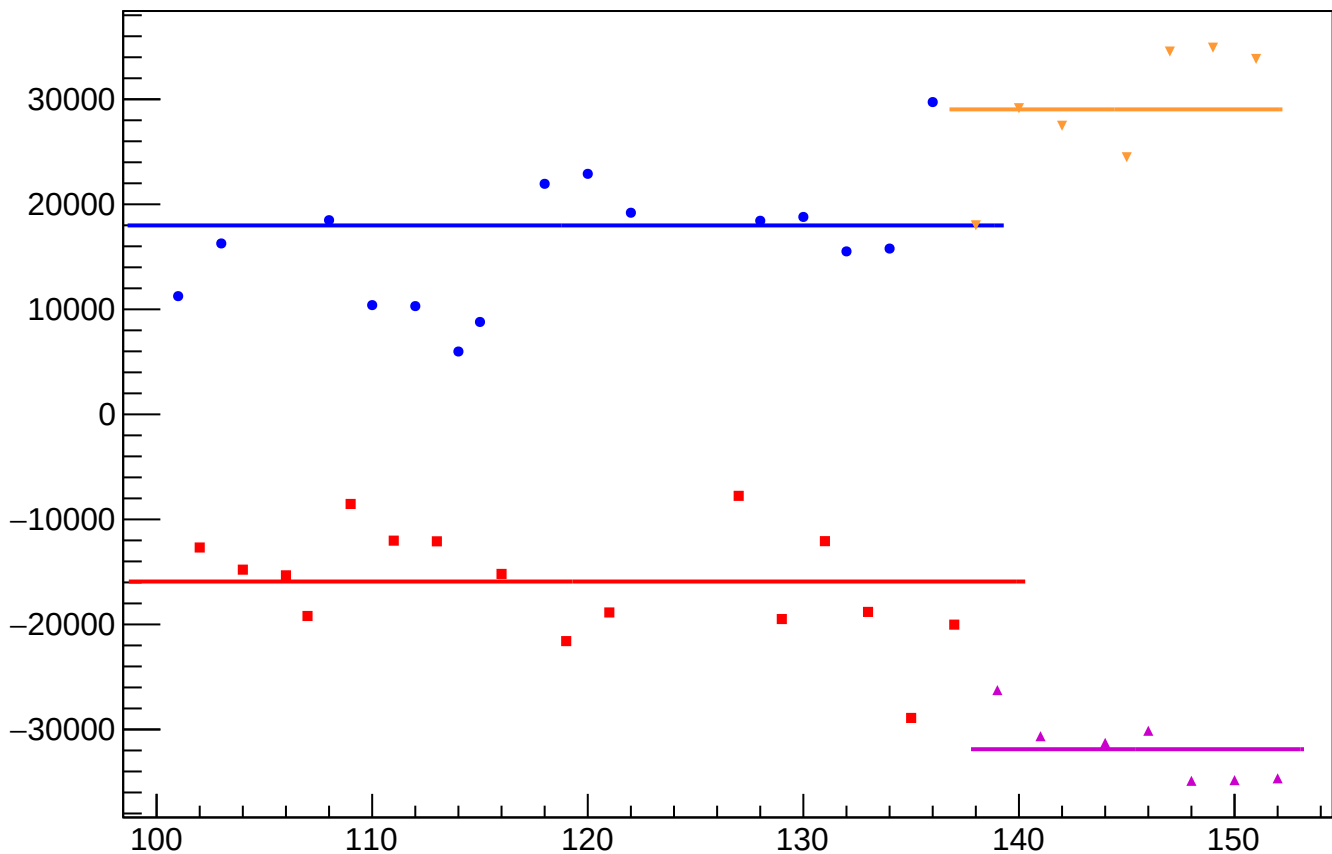
Right In: 1.607 +/- 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 1.886 +/- 0.000 χ^2/NDF : 61573183319696576327702265462784.0/7
 Right Out: -1.383 +/- 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -1.999 +/- 0.000 χ^2/NDF : 67182142142670078908253396271104.0/6
 All: 0.015 +/- 0.000 χ^2/NDF : 84054892944167

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 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: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17988.185+/-0.000

χ^2/NDF : 24815111809984217103544001237552952508416.0/14

Left Out: 29037.053+/-0.000

χ^2/NDF : 18336620519137901879767224445810514067456.0/6

Right Out: -15915.227+/-0.000

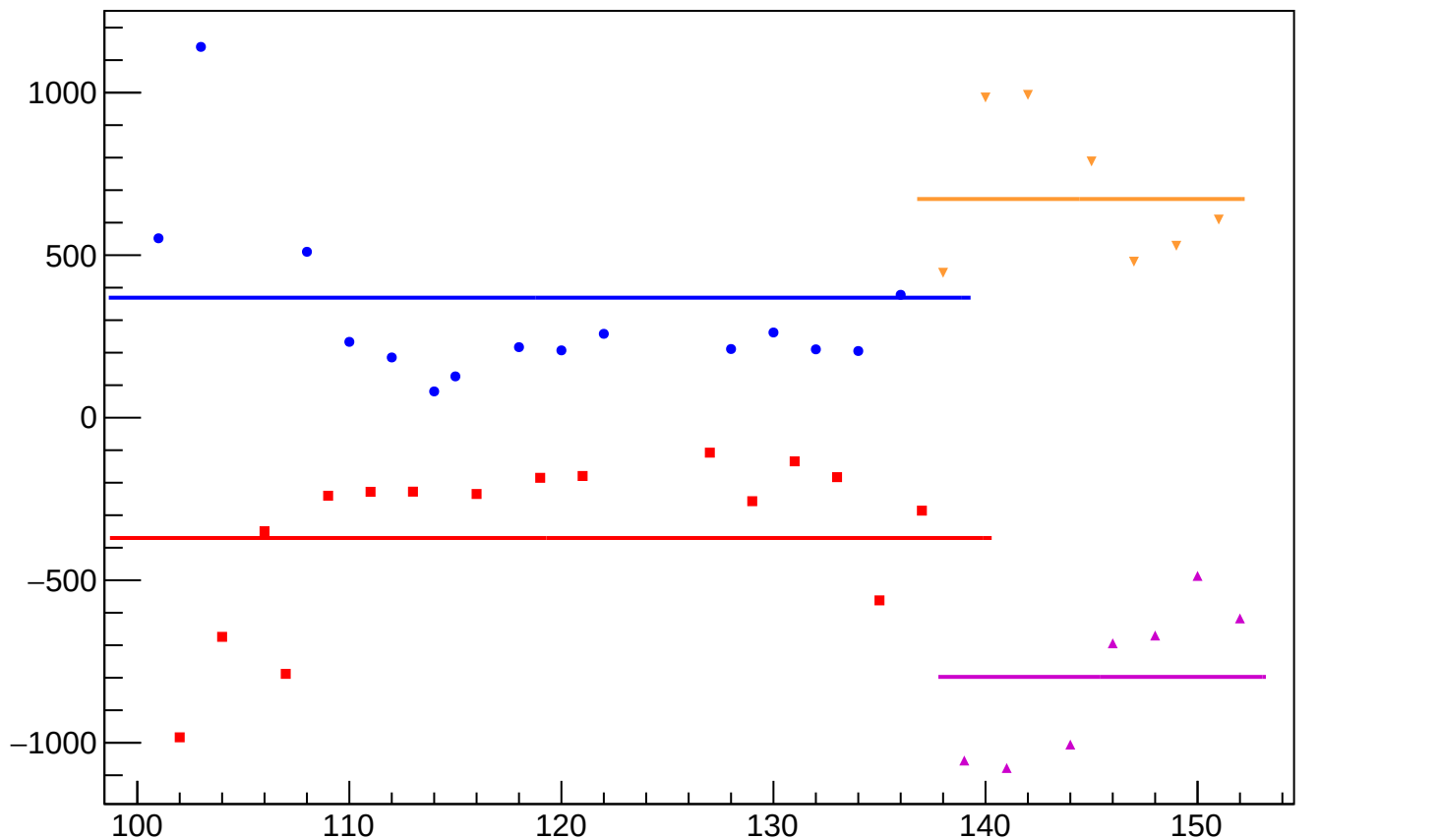
χ^2/NDF : 19954189674705952707042287416087223992320.0/15

Left In: -31880.730+/-0.000

χ^2/NDF : 5201947919362657689264974241223751499776.0/6

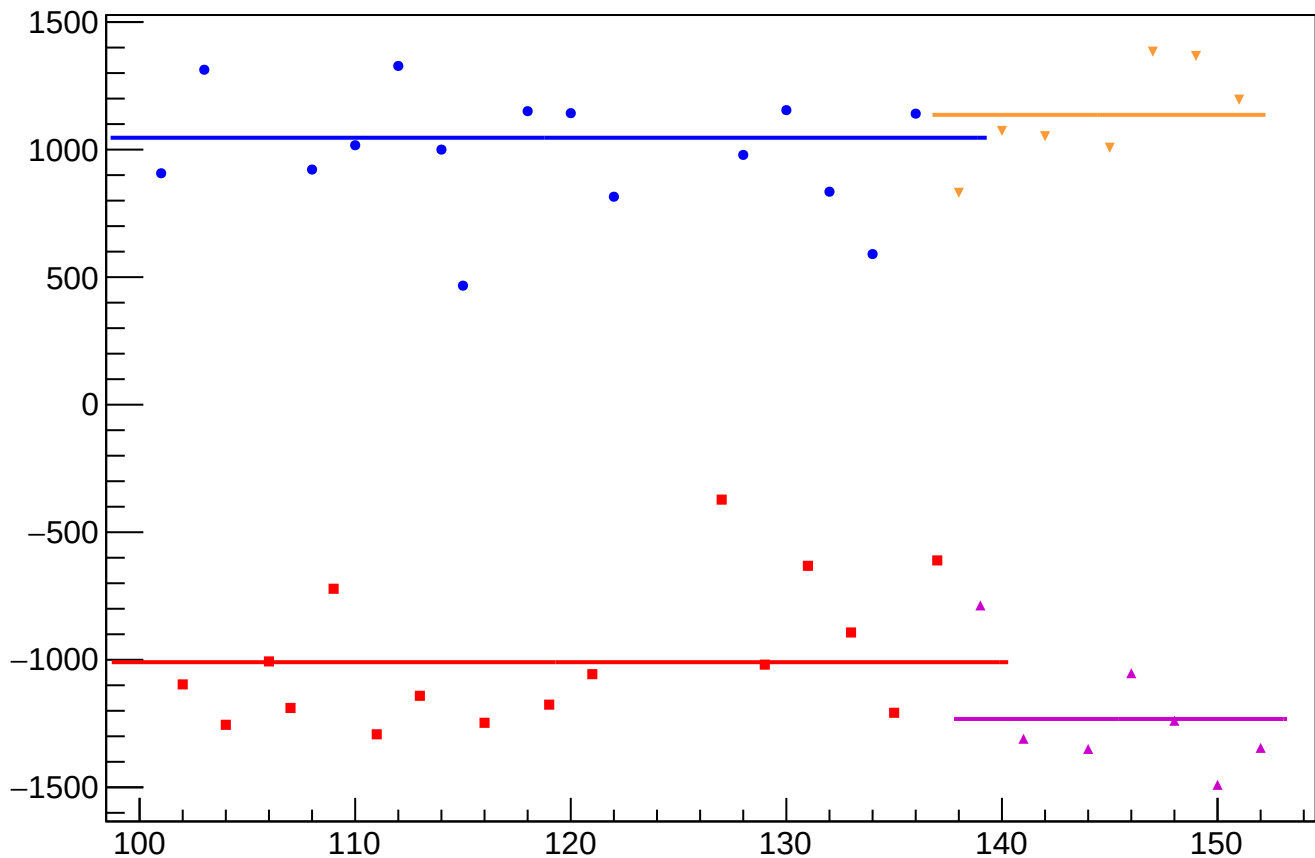
All: -1144.993+/-0.000 χ^2/NDF : 1497379559

dit_usl_coil1_err_mean vs Slug, Sign Corrected



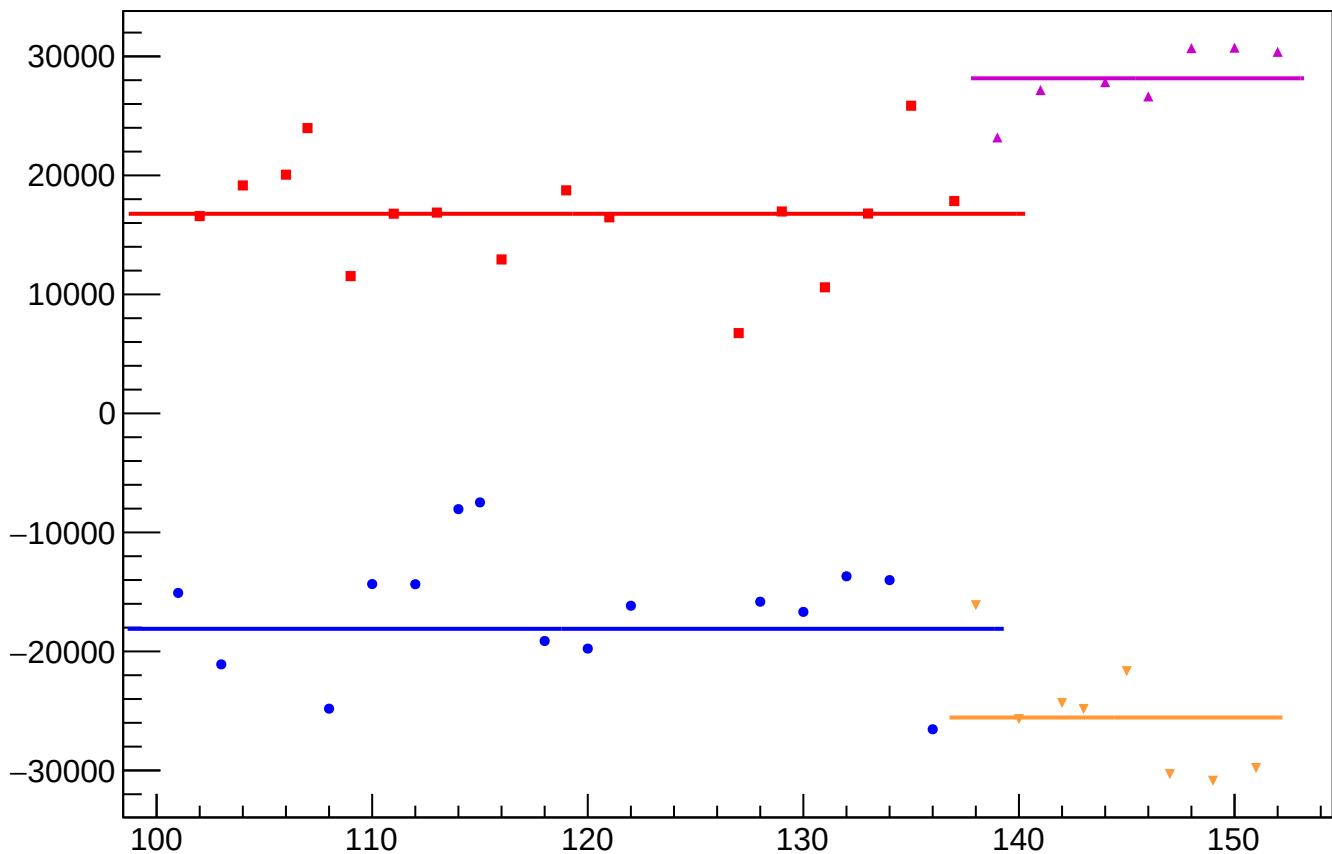
Left: -110.624 ± 0.000 $\chi^2/\text{NDF}: 658275220694868$
 Right In: 369.169 ± 0.000 $\chi^2/\text{NDF}: 48053036789565485994195833341370957824.0/14$
 Right: -5.517 ± 0.000 $\chi^2/\text{NDF}: 2760339889261500$
 Left Out: 672.751 ± 0.000 $\chi^2/\text{NDF}: 22758204532144789015968875070854529024.0/6$
 In: -191.225 ± 0.000 $\chi^2/\text{NDF}: 5020625127125745$
 Right Out: -370.091 ± 0.000 $\chi^2/\text{NDF}: 48214462907052107543037037125316902912.0/15$
 Out: 89.703 ± 0.000 $\chi^2/\text{NDF}: 39079470312745981$
 Left In: -797.383 ± 0.000 $\chi^2/\text{NDF}: 29740336544319297101407296331660132352.0/6$
 All: -53.982 ± 0.000 $\chi^2/\text{NDF}: 941012880742$

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1136.262+/-0.000 χ^2/NDF : 18806324325683186615585006436040572928.0/6
 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: -55.559+/-0.000 χ^2/NDF : 308864481999

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000

Left Out: -25553.924+/-0.000

Right Out: 16773.604+/-0.000

Left In: 28158.818+/-0.000

χ^2/NDF : 14634967546173586967632040765428699496448.0/14

χ^2/NDF : 13811718437226833196958293708264217509888.0/7

χ^2/NDF : 14234547931135812277474342886568366178304.0/15

χ^2/NDF : 3855954065667796005659745358294338764800.0/6

Left: 1460.028+/-0.000 χ^2/NDF : 878106786502857

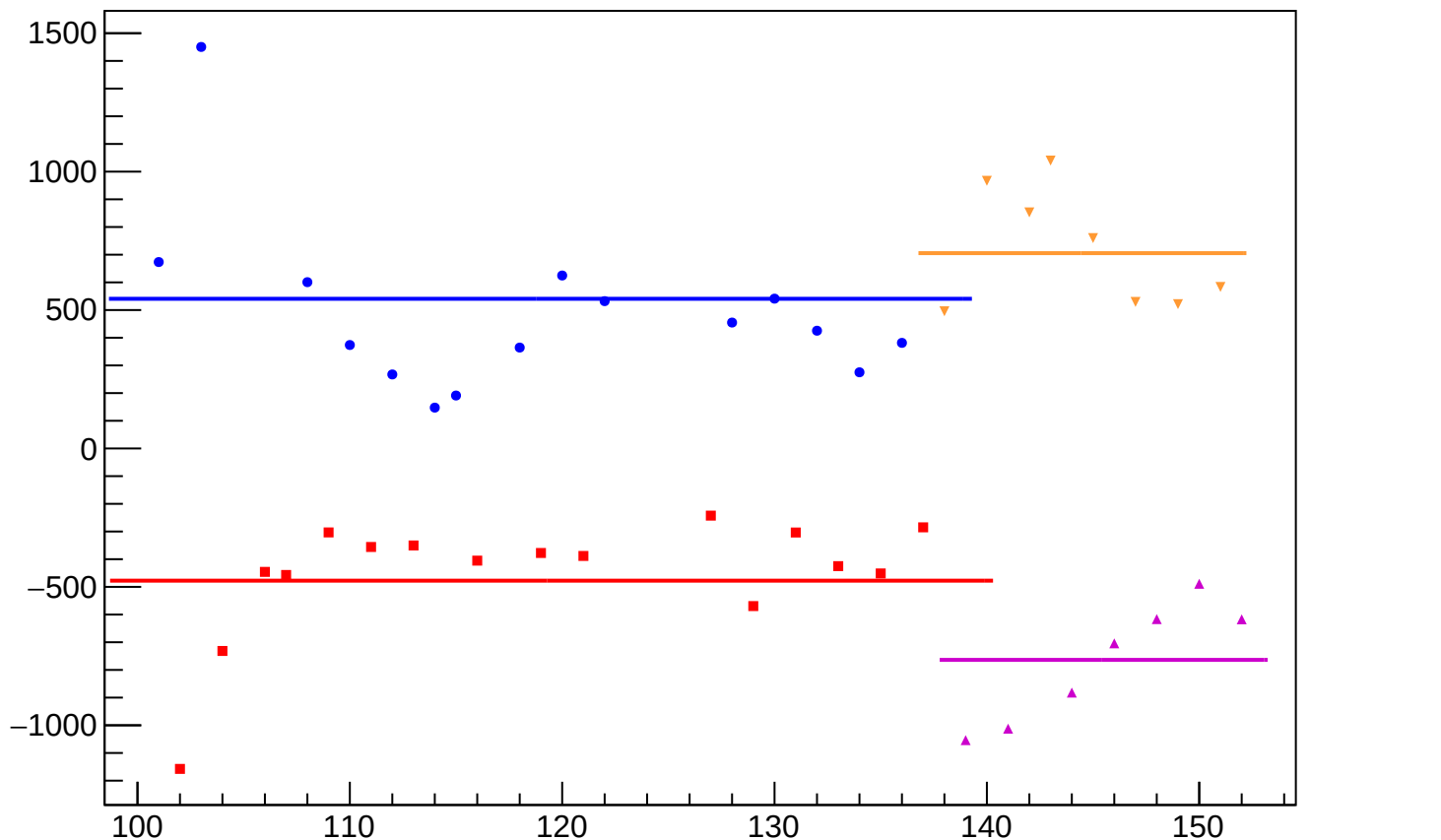
Right: -425.015+/-0.000 χ^2/NDF : 42892863582613

In: 4121.679+/-0.000 χ^2/NDF : 6856578837927228

Out: -3147.209+/-0.000 χ^2/NDF : 59045984218853

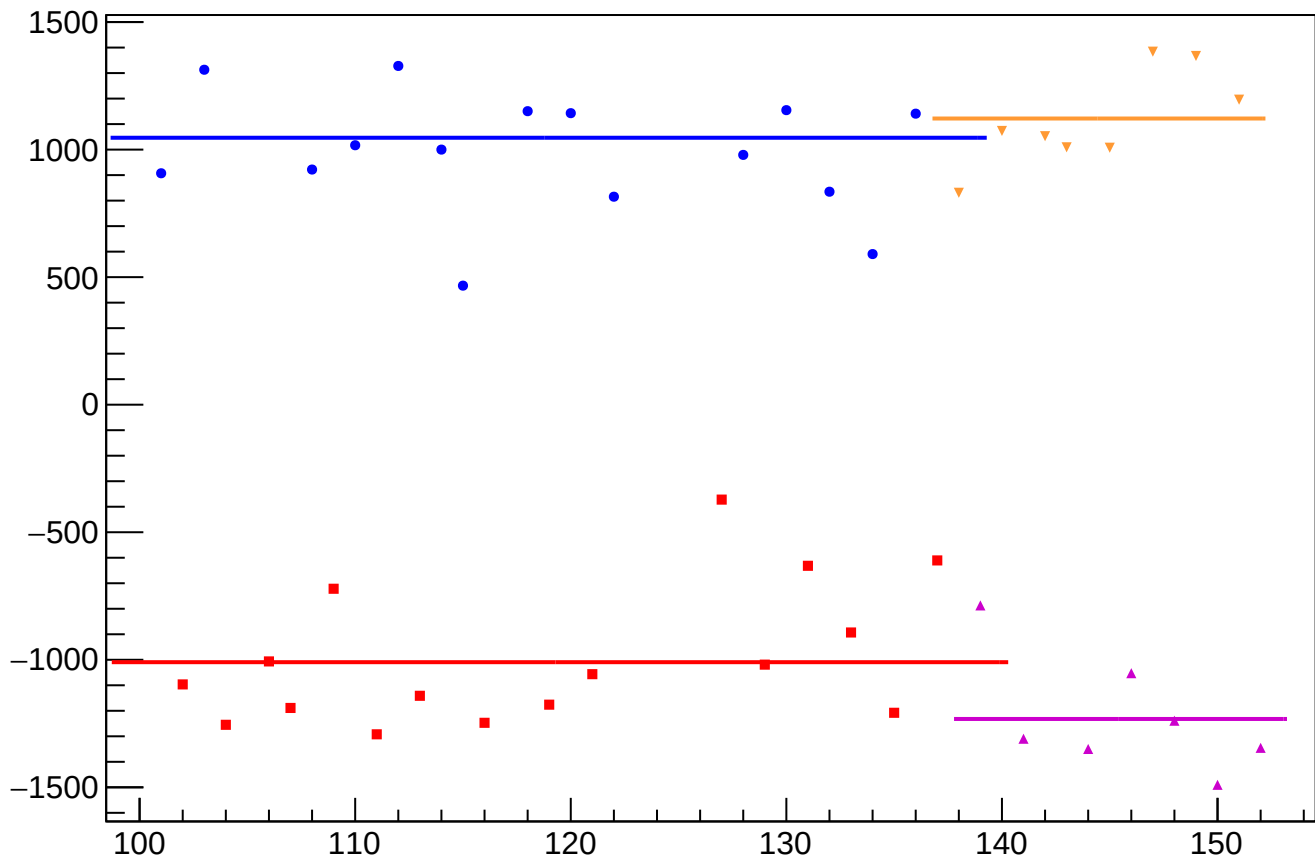
All: 471.301+/-0.000 χ^2/NDF : 130925892818

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663 ± 0.000 $\chi^2/\text{NDF}: 64546819695986774721678785082975846400.0/14$
 Left Out: 705.557 ± 0.000 $\chi^2/\text{NDF}: 24189645677080380324776053451375247360.0/7$
 Right Out: -477.546 ± 0.000 $\chi^2/\text{NDF}: 38798306504296954461537116809760604160.0/15$
 Left In: -763.732 ± 0.000 $\chi^2/\text{NDF}: 24160531834885271071182636757318369280.0/6$
 All: -2.980 ± 0.000 $\chi^2/\text{NDF}: 1138668622590$

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000

χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: -1009.445+/-0.000

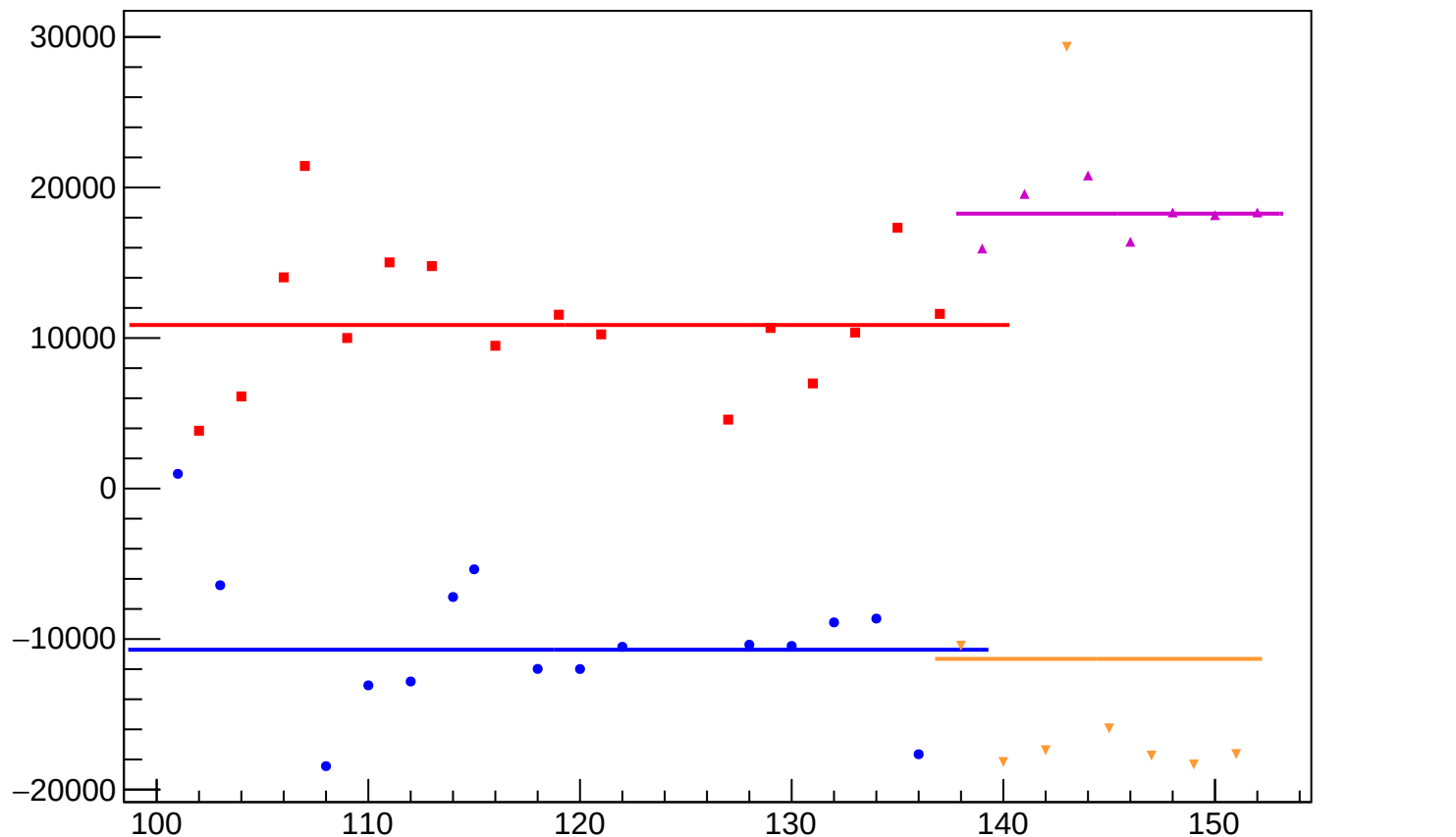
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

Left Out: -11317.748+/-0.000

χ^2/NDF : 128588362667508000995635760749047493689344.0/7

Right Out: 10866.264+/-0.000

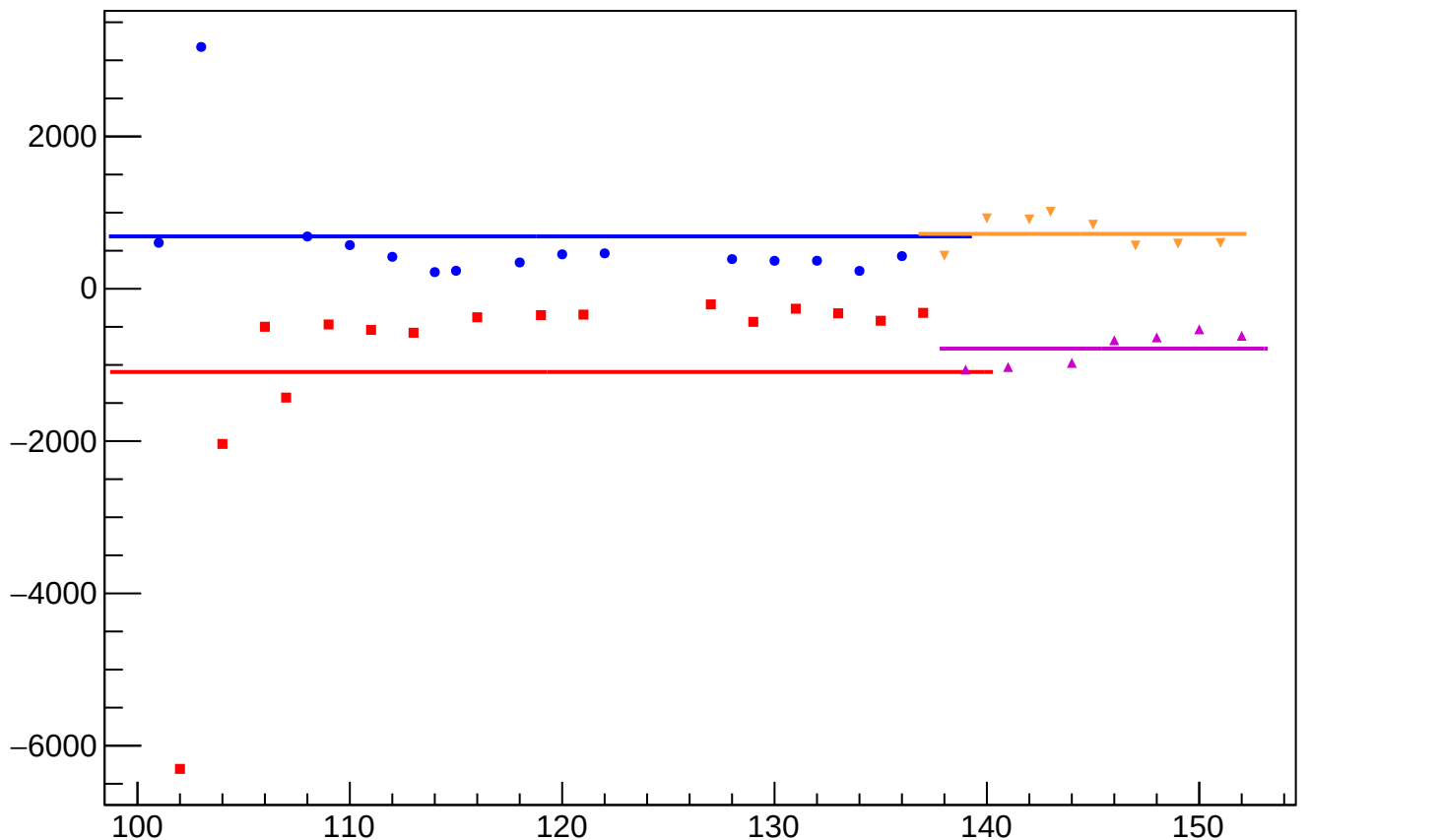
χ^2/NDF : 14234762838858382484525901644131626647552.0/15

Left In: 18264.130+/-0.000

χ^2/NDF : 1444781475643644993733862103886059274240.0/6

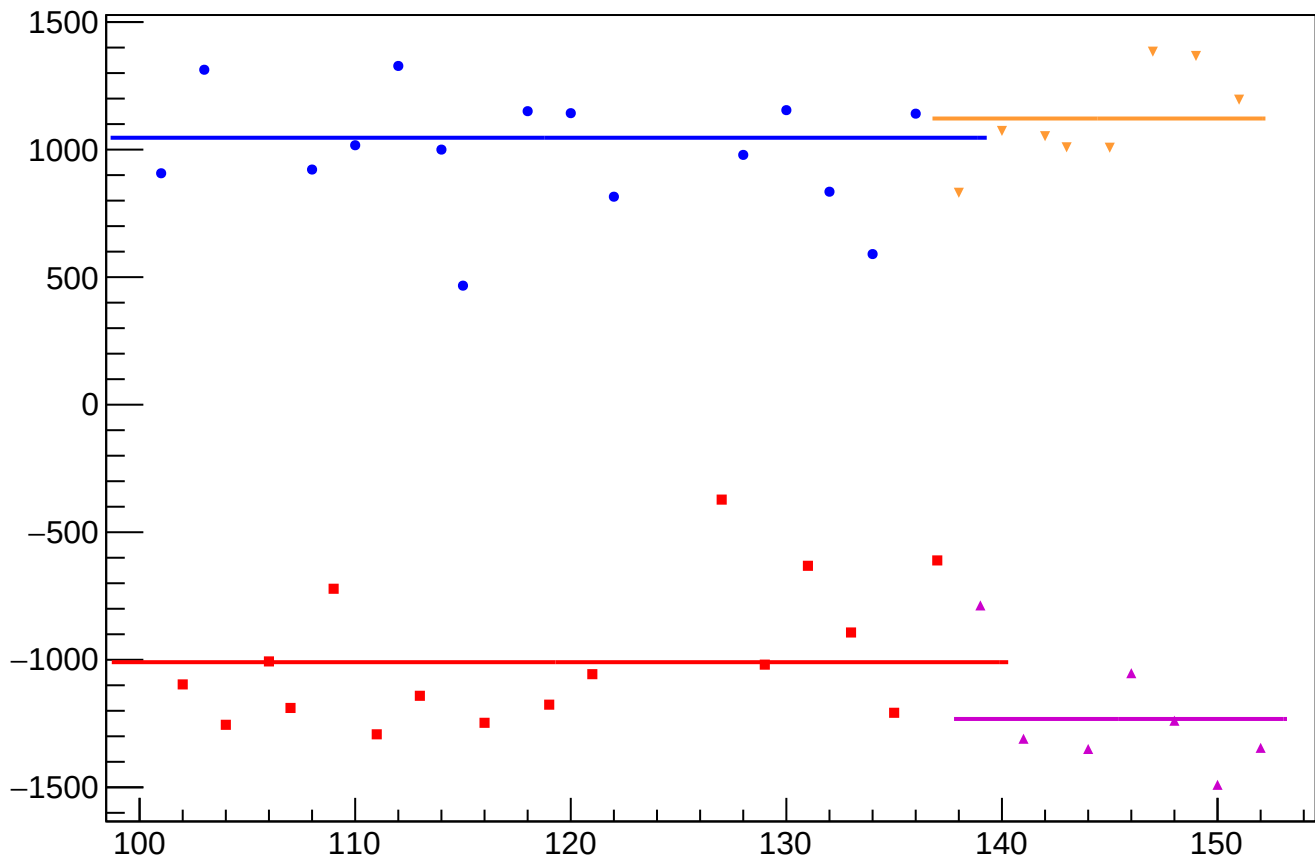
All: 1811.029+/-0.000 χ^2/NDF : 58229284075

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



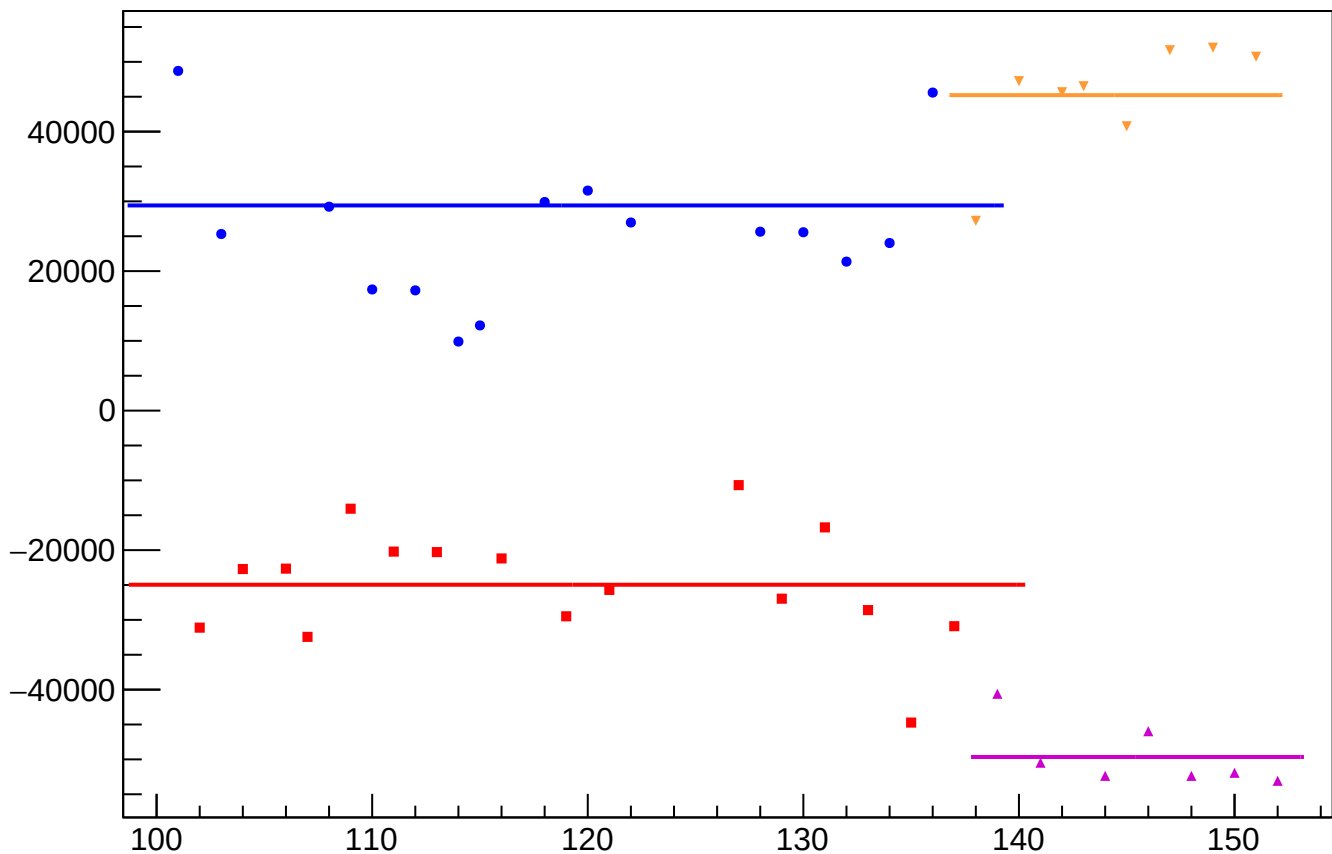
Right In: 687.939 ± 0.000 $\chi^2/\text{NDF}: 409297141104301509817753390759024787456.0/14$
 Left Out: 721.145 ± 0.000 $\chi^2/\text{NDF}: 22519916321284902325891461958418300928.0/7$
 Right Out: -1092.265 ± 0.000 $\chi^2/\text{NDF}: 1883198142929605813456233812946948456448.0/15$
 Left In: -785.827 ± 0.000 $\chi^2/\text{NDF}: 25376212730104559319419872280513085440.0/6$
 All: -129.903 ± 0.000 $\chi^2/\text{NDF}: 40798621476$

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 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: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 45228.869+/-0.000

χ^2/NDF : 36848104885250514348240203022766369144832.0/7

Right Out: -24963.010+/-0.000

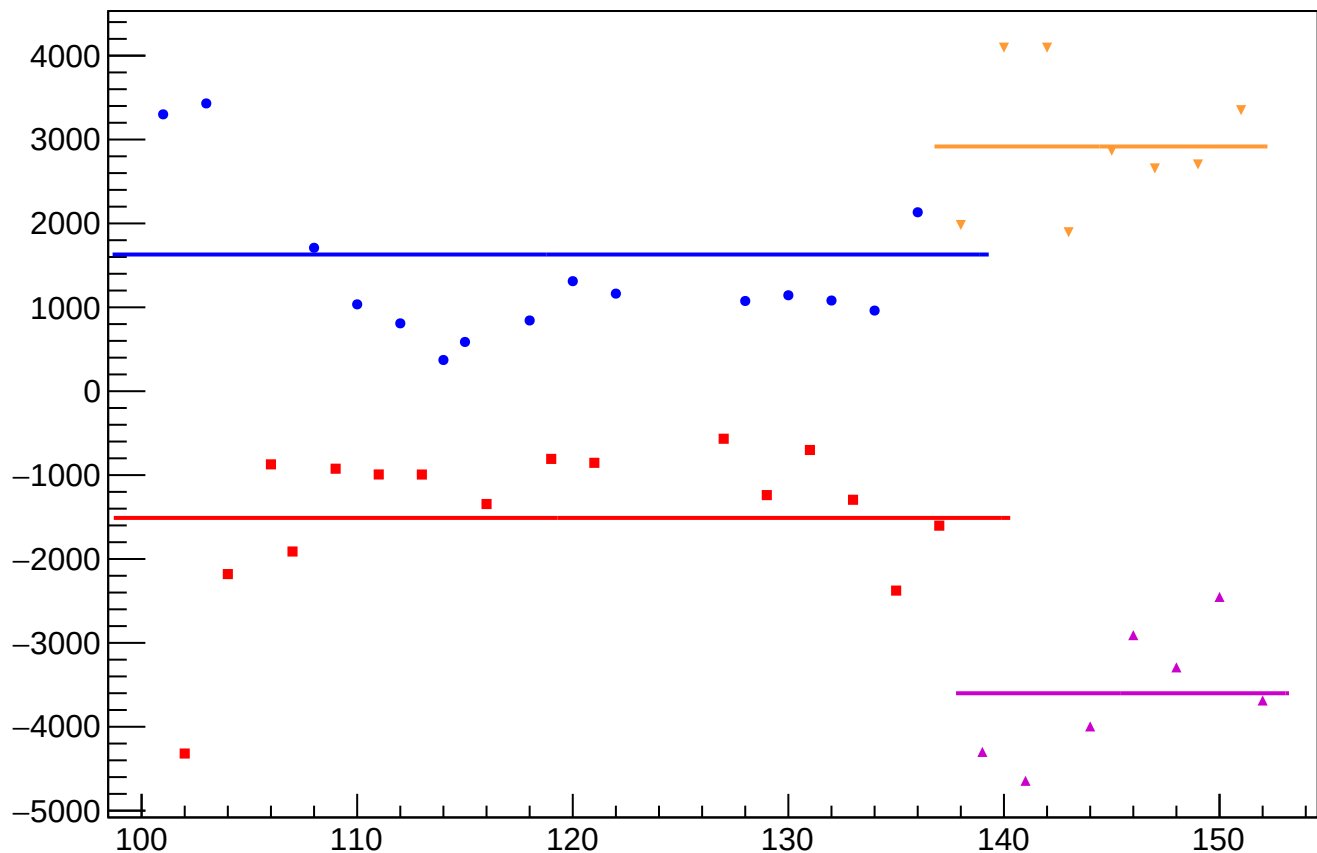
χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -49655.431+/-0.000

χ^2/NDF : 10585676039836621790583229480462807203840.0/6

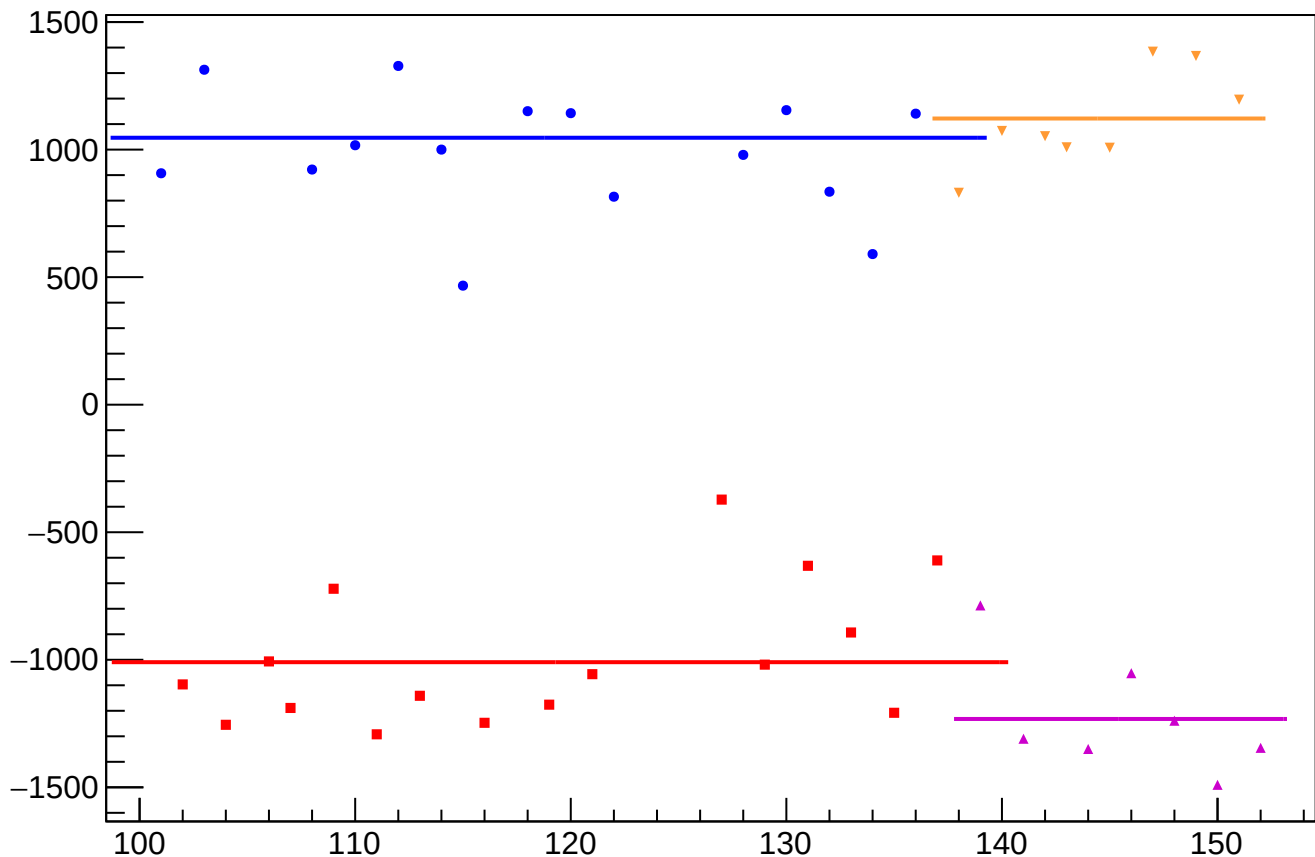
All: -212.034+/-0.000 χ^2/NDF : 38344016195

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



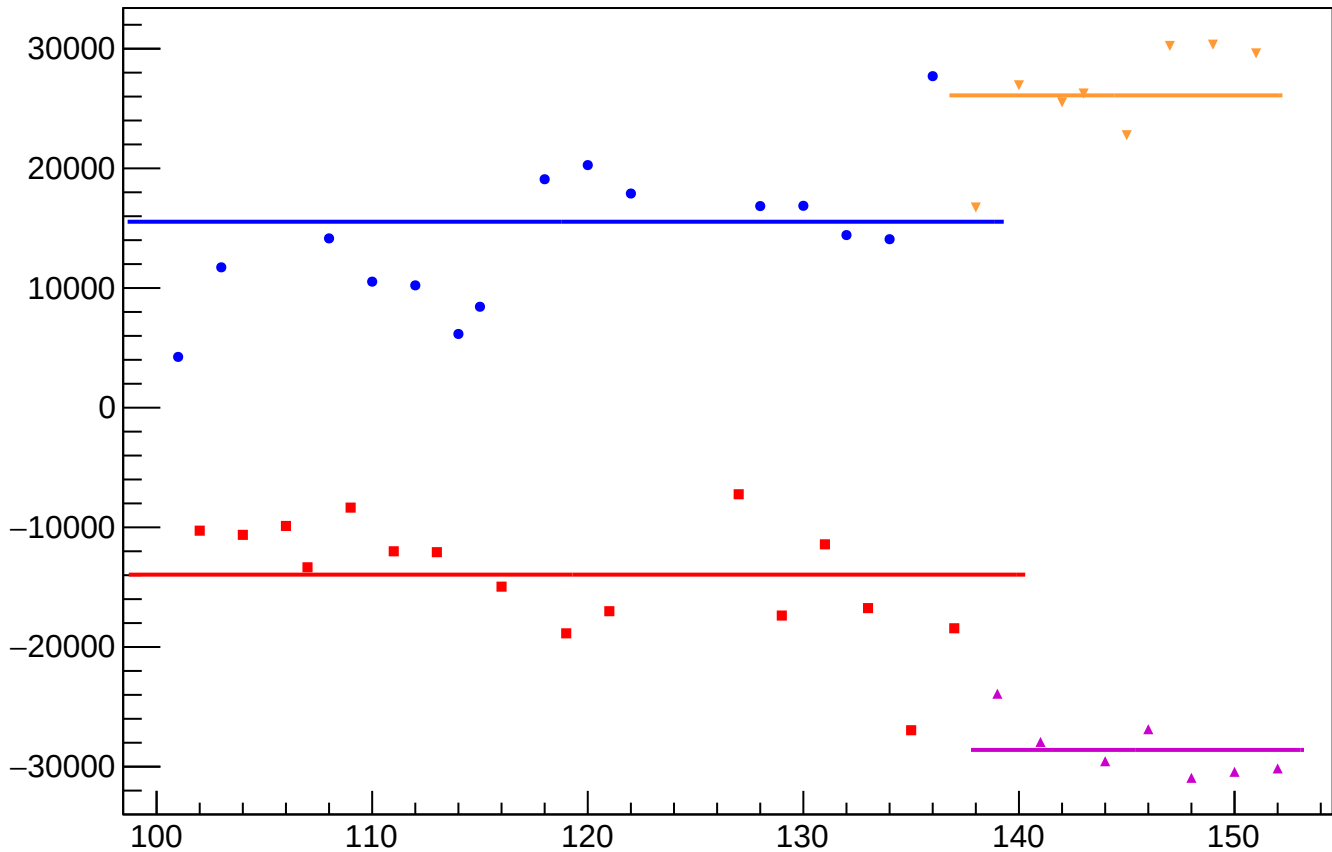
Right In: 1629.542+/-0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Left Out: 2917.236+/-0.000 χ^2/NDF : 339795894314835482853671639718186450944.0/7
 Right Out: -1510.293+/-0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15
 Left In: -3600.602+/-0.000 χ^2/NDF : 314576439668944231432926522469062279168.0/6
 All: -151.548+/-0.000 χ^2/NDF : 17906683076

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



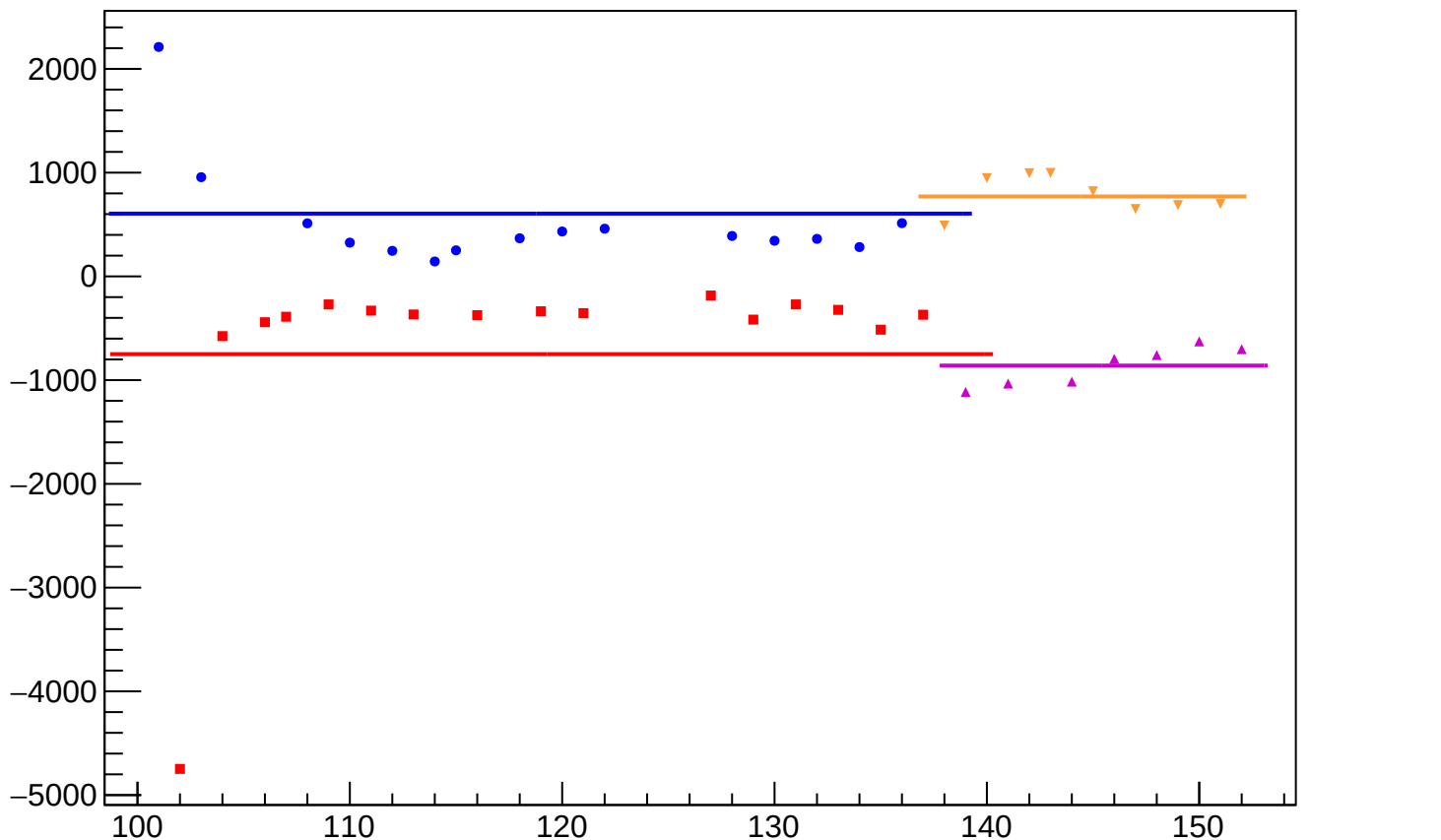
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_atr1_coil1_mean vs Slug, Sign Corrected



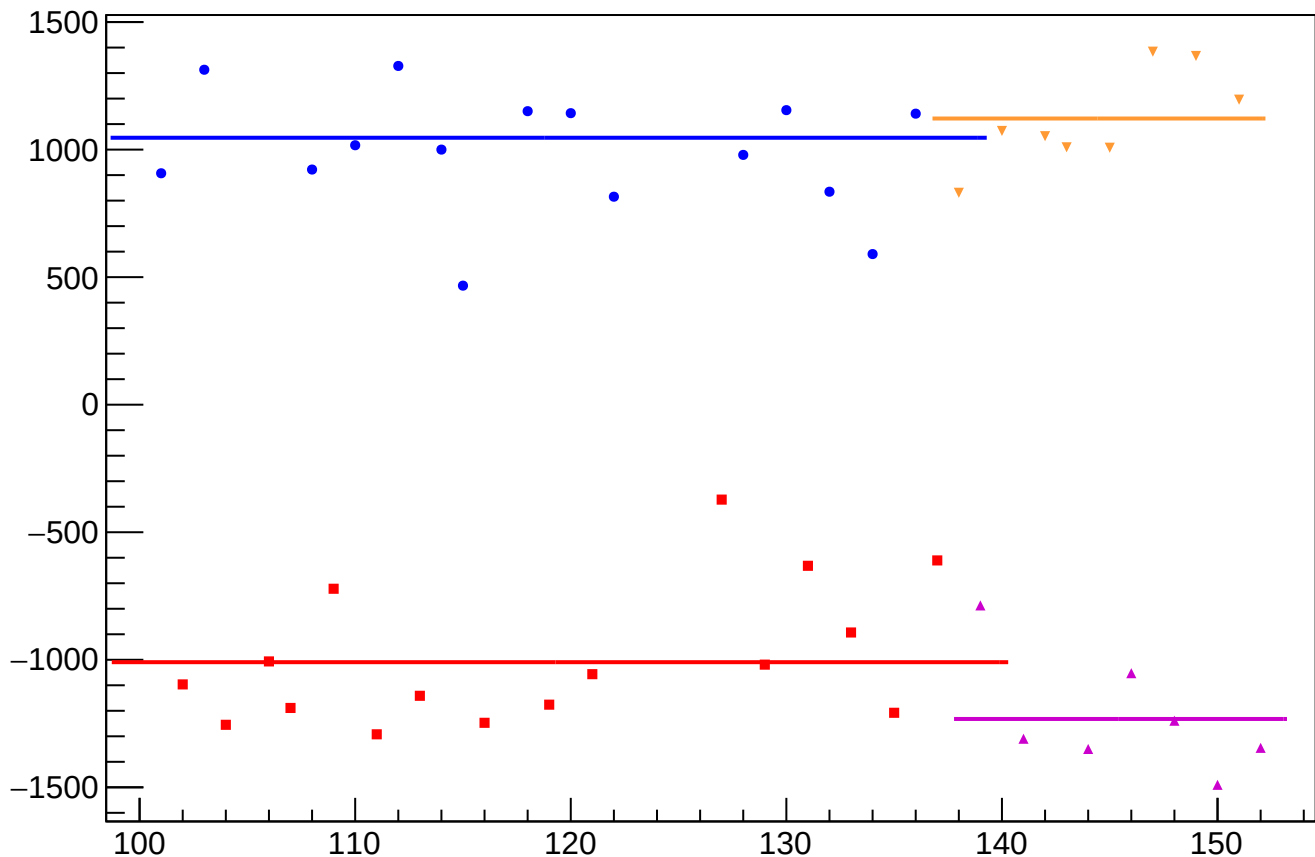
Right In: 15540.787+/-0.000 χ^2/NDF : 27383635886523601832377795383509714468864.0/14
 Left Out: 26099.627+/-0.000 χ^2/NDF : 11612496605157230163655927322367871680512.0/7
 Right Out: -13951.799+/-0.000 χ^2/NDF : 16954071035739584664612813430748100952064.0/15
 Left In: -28599.498+/-0.000 χ^2/NDF : 3122491288368560556865790818258765479936.0/6
 All: -359.705+/-0.000 χ^2/NDF : 12400300920

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



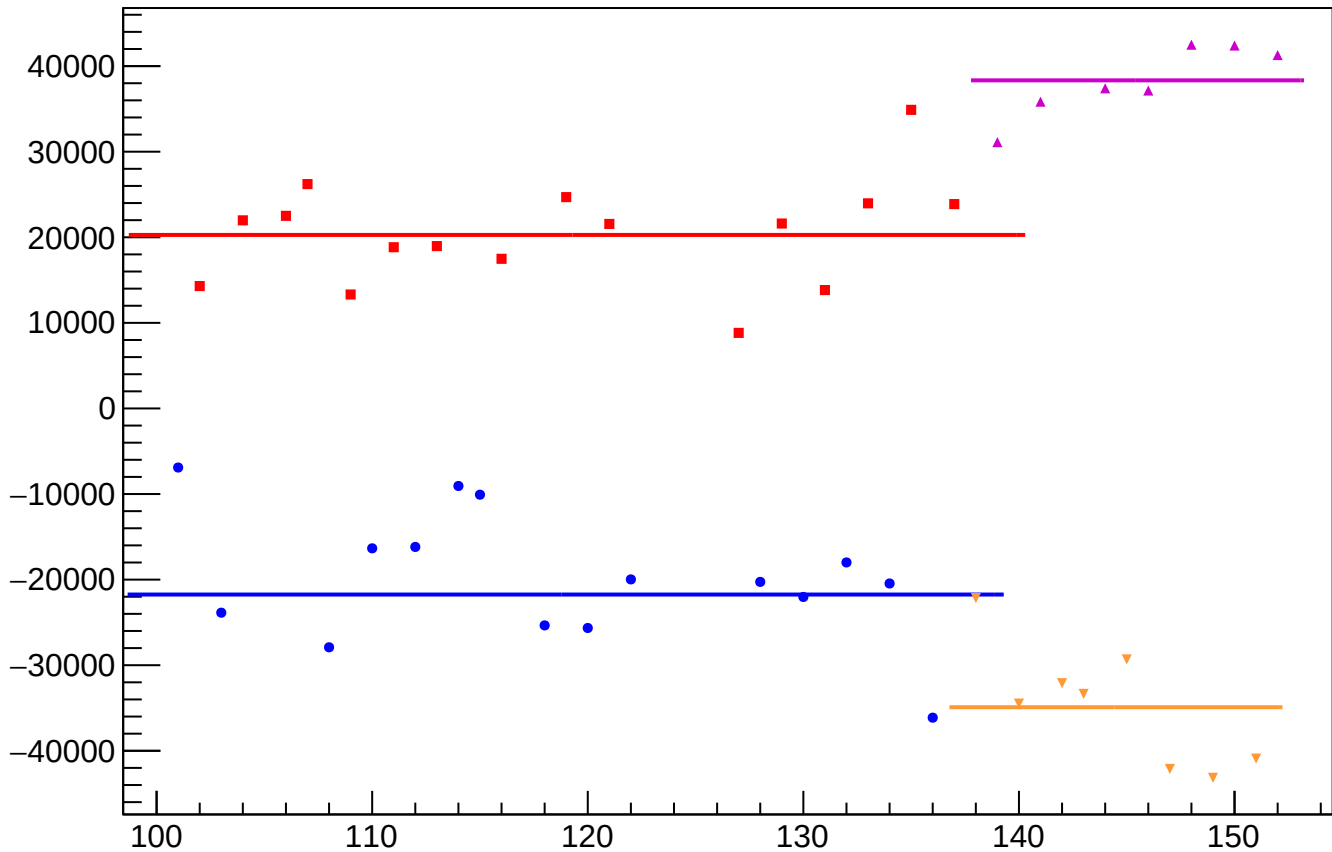
Right In: 605.034 $\pm$ 0.000 χ^2 /NDF: 189401522791607614448600157723362852864.0/14
 Left Out: 770.625 $\pm$ 0.000 χ^2 /NDF: 16790065690969081751441191575641653248.0/7
 Right Out: -749.582 $\pm$ 0.000 χ^2 /NDF: 1021358768377495935693748779804344188928.0/15
 Left In: -859.919 $\pm$ 0.000 χ^2 /NDF: 18270766695703993476707418023533740032.0/6
 All: -66.272 $\pm$ 0.000 χ^2 /NDF: 264298524048

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 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: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

Left Out: -34911.570+/-0.000

Right Out: 20275.415+/-0.000

Left In: 38336.327+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

χ^2/NDF : 28301525580643315552980021231777187102720.0/7

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

χ^2/NDF : 8669629159912674722719600260655855173632.0/6

Left: 1927.271+/-0.000 χ^2/NDF : 16371031945003

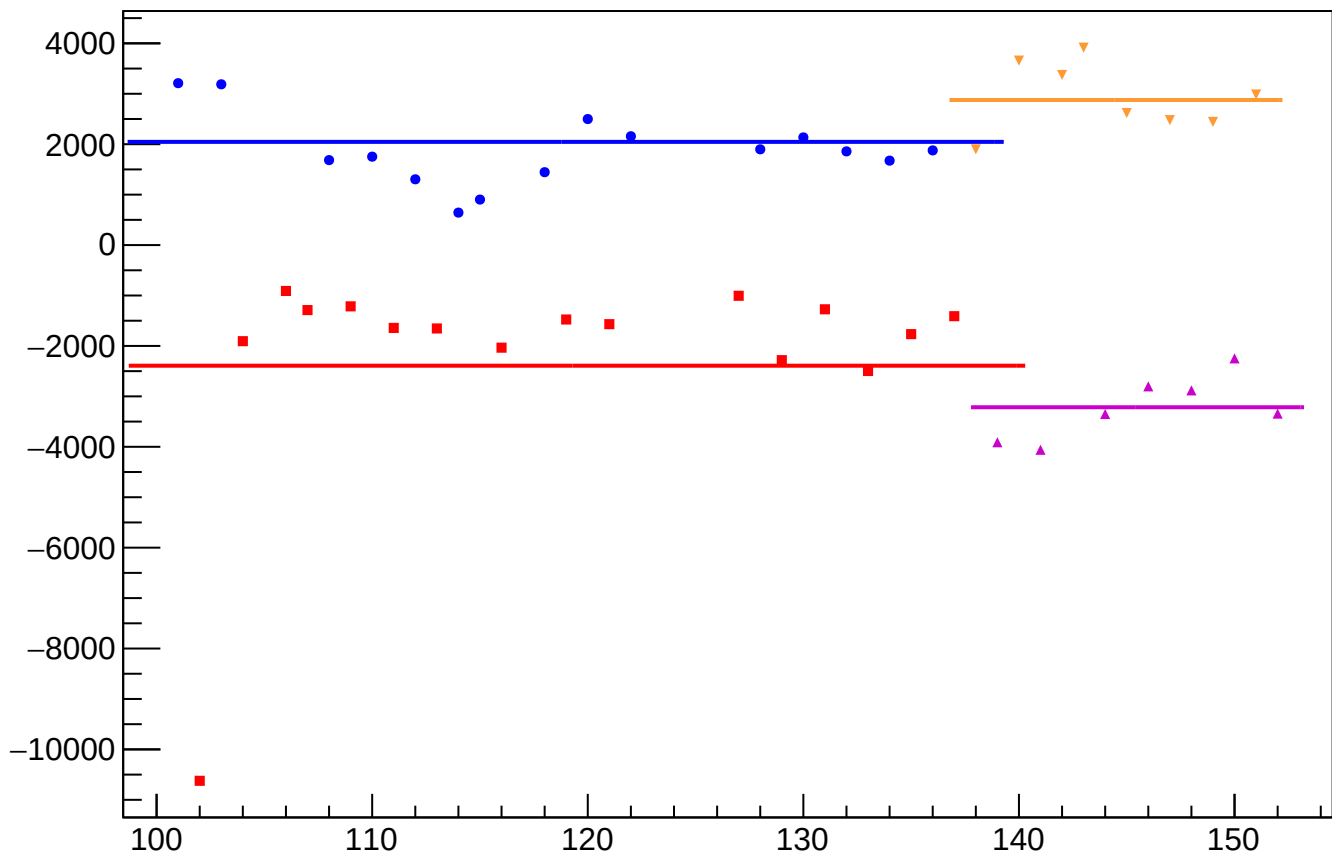
Right: -446.610+/-0.000 χ^2/NDF : 64780902874572

In: 7117.979+/-0.000 χ^2/NDF : 1175129620914890

Out: -5697.508+/-0.000 χ^2/NDF : 10102933736801

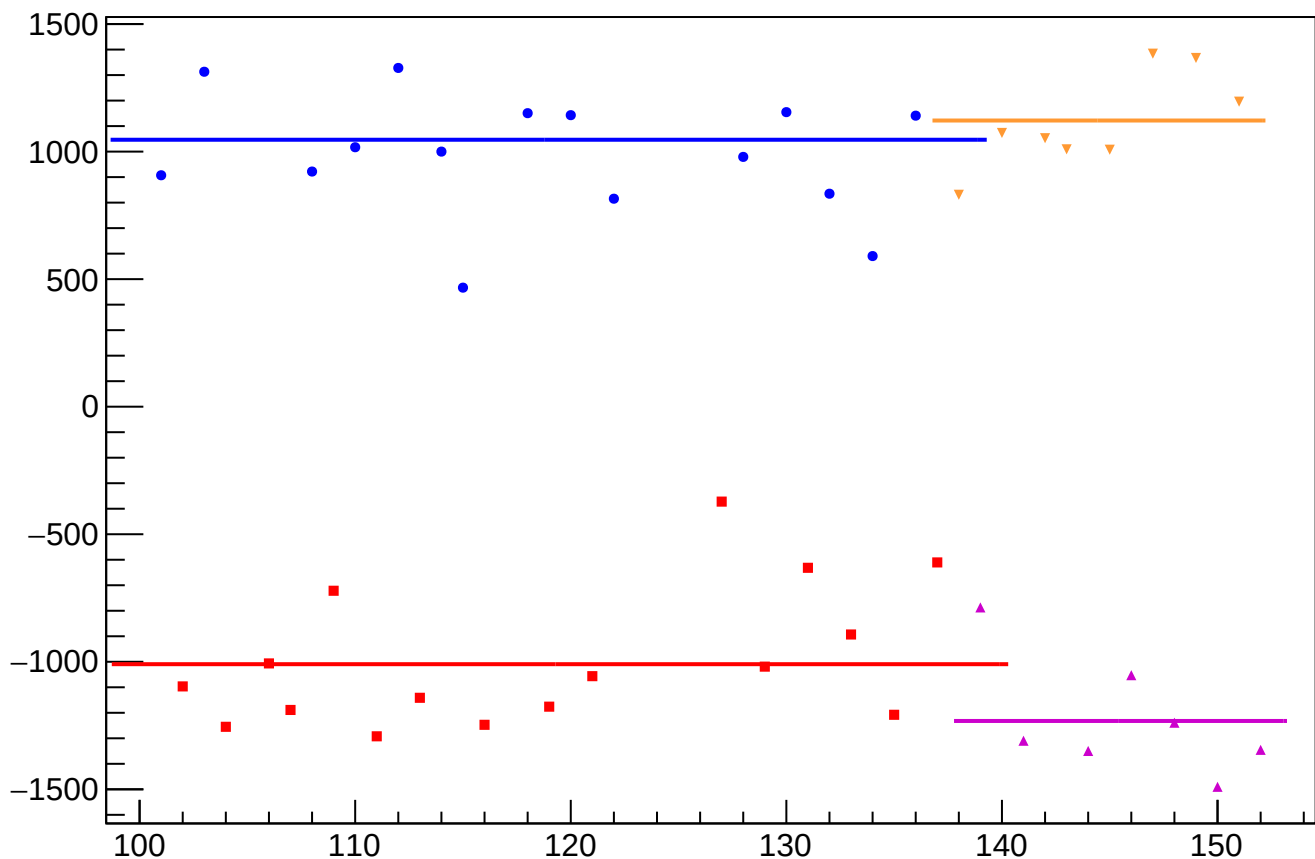
All: 682.143+/-0.000 χ^2/NDF : 228843847830

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



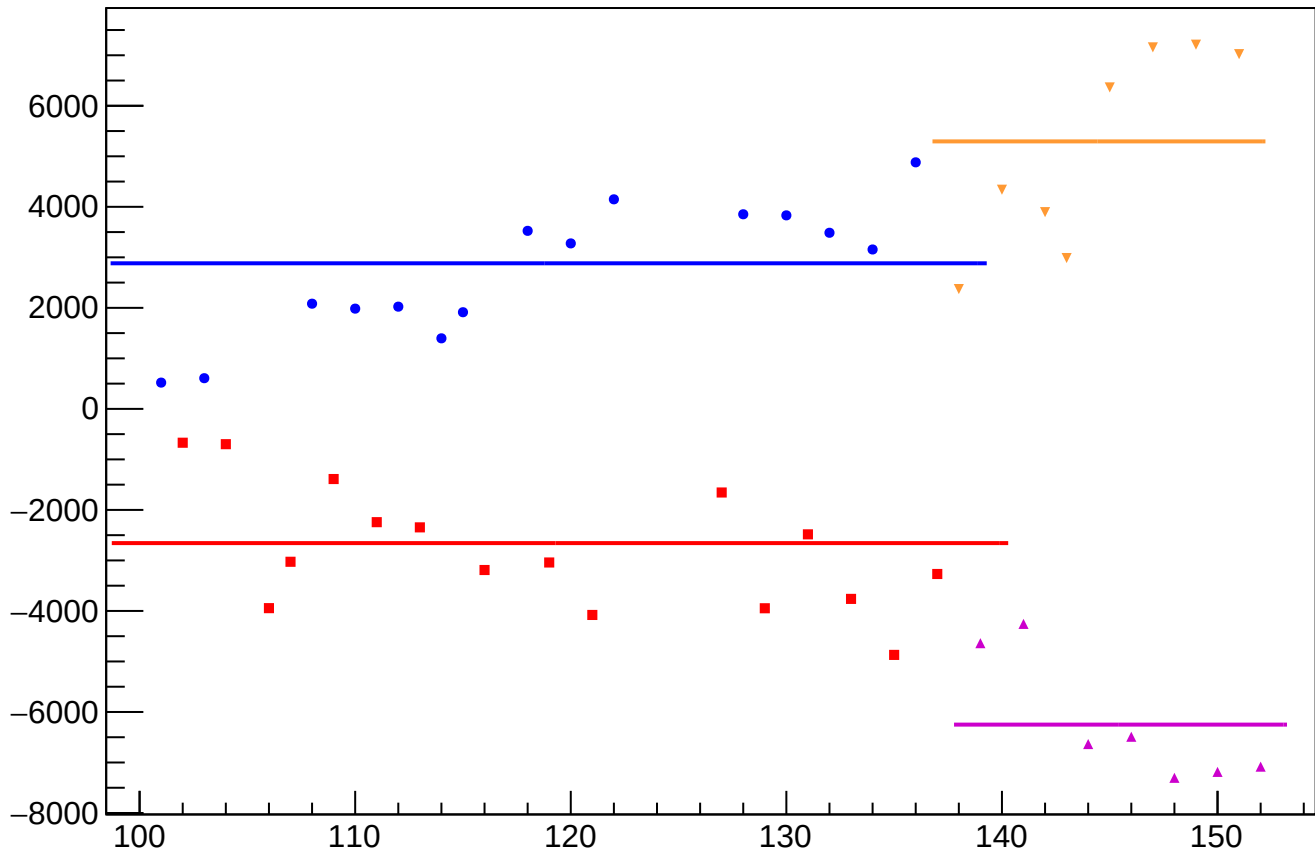
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 2876.631+/-0.000 χ^2/NDF : 242736223914621313962120940945437360128.0/7
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3215.788+/-0.000 χ^2/NDF : 211517044376238356518607969784631918592.0/6
 All: -195.684+/-0.000 χ^2/NDF : 22685766812

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



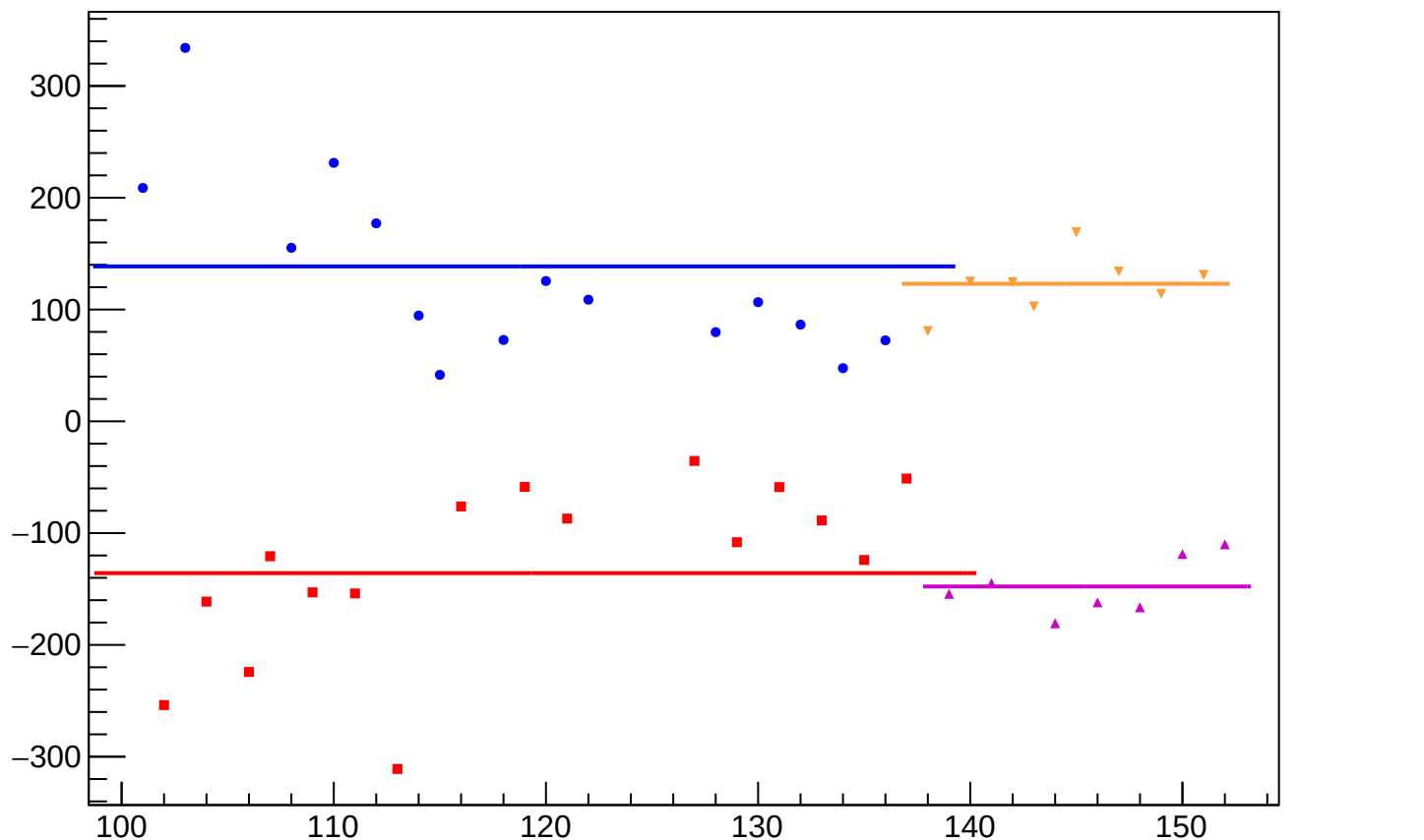
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam1_coil1_mean vs Slug, Sign Corrected



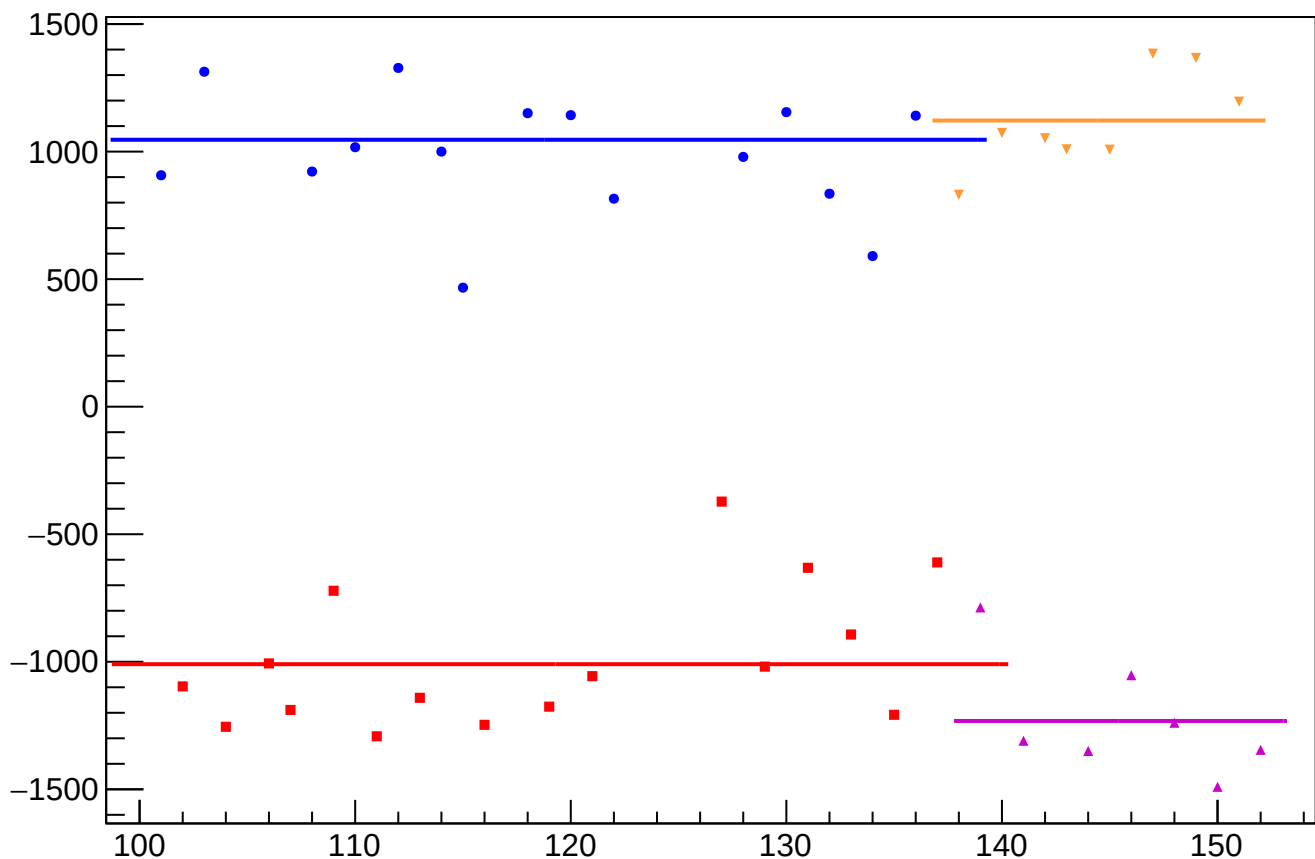
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5295.074+/-0.000 χ^2/NDF : 2089343287860879939852982469939515359232.0/7
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: -6250.169+/-0.000 χ^2/NDF : 799463014710866981525387143232641564672.0/6
 All: -204.030+/-0.000 χ^2/NDF : 55346362974

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



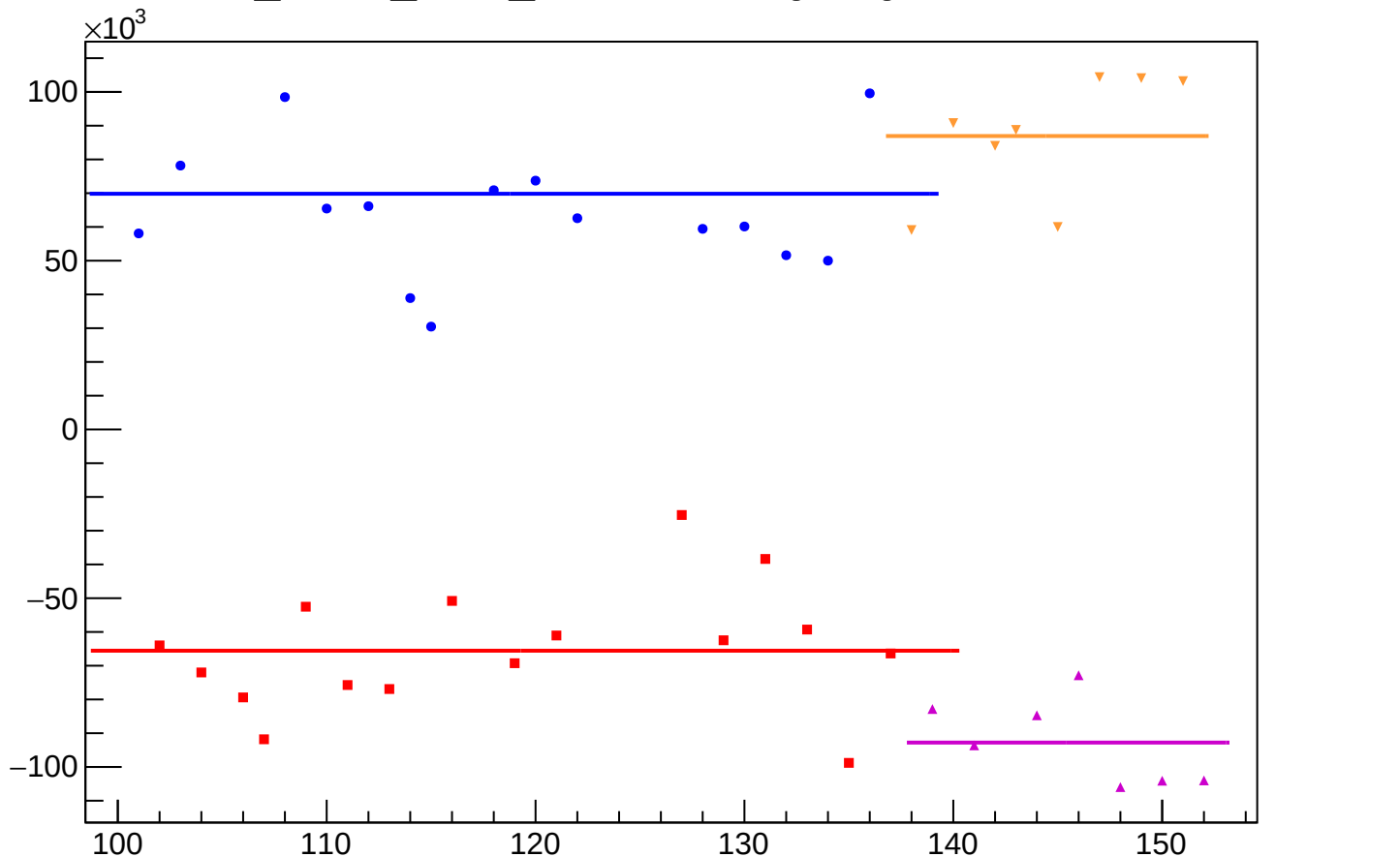
Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Left Out: 123.032+/-0.000 χ^2/NDF : 360041018690717259512275337748676608.0/7
 Right Out: -135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 Left In: -147.747+/-0.000 χ^2/NDF : 347168812074617391920031255337369600.0/6
 All: -6.512+/-0.000 χ^2/NDF : 5563856872746

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



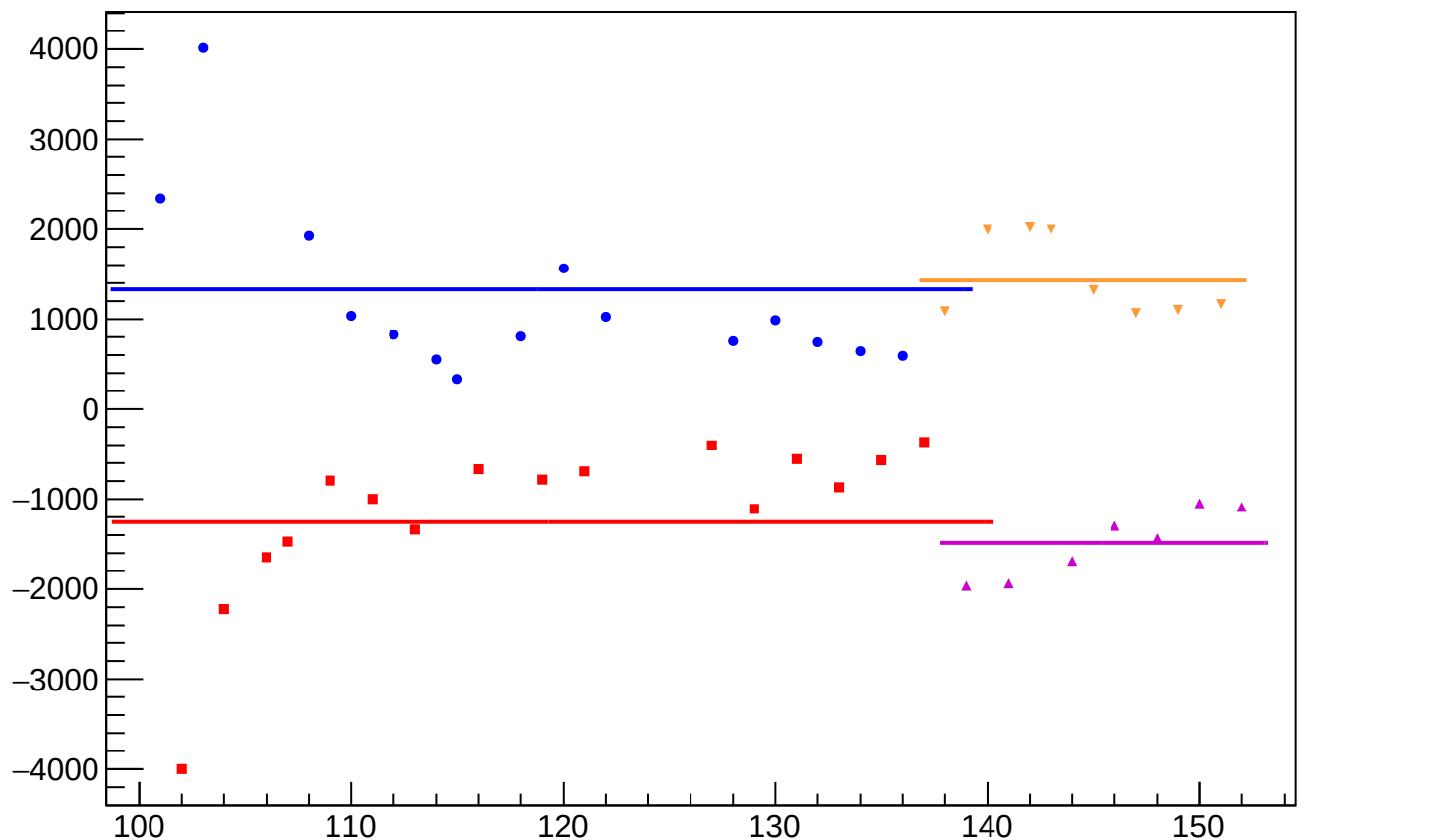
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam2_coil1_mean vs Slug, Sign Corrected



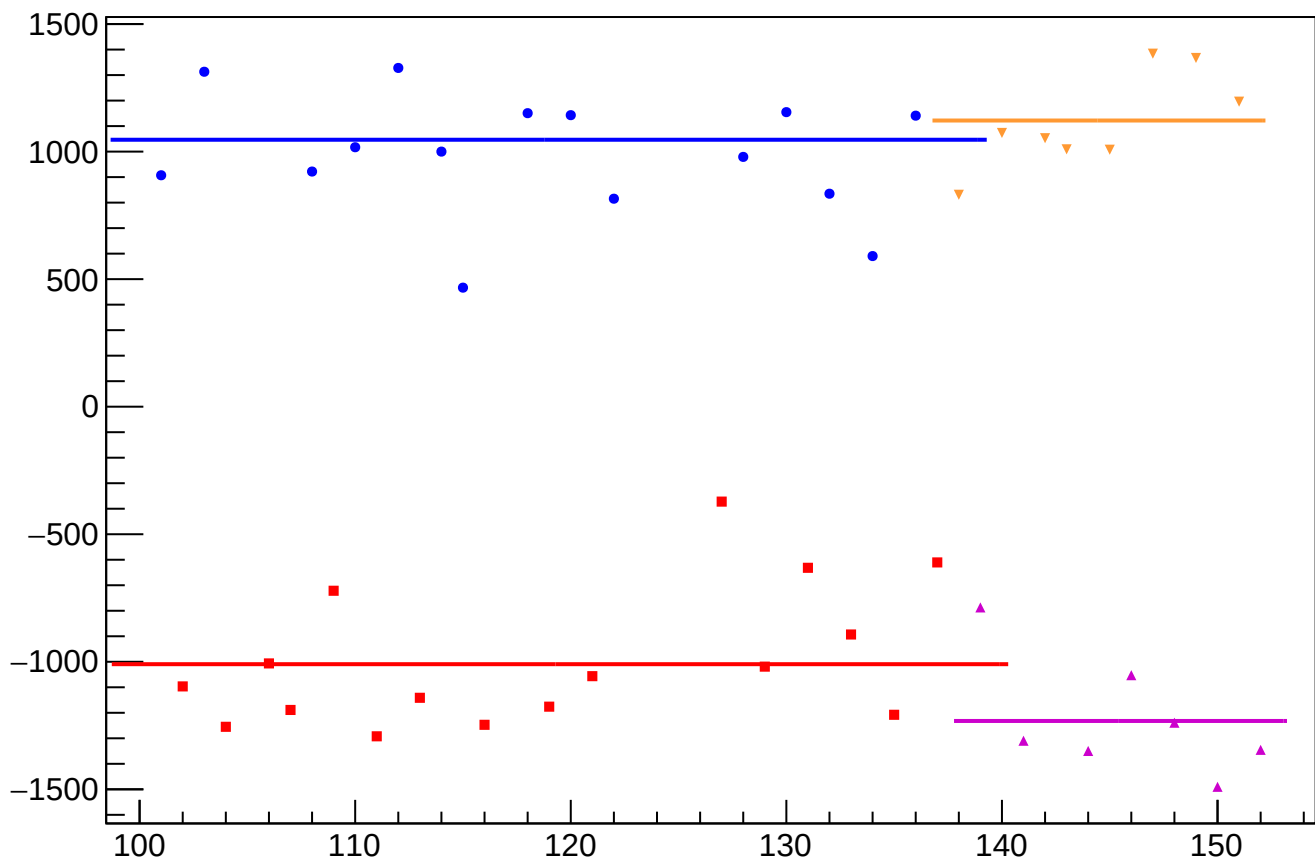
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 86934.404 $\pm$ 0.000 χ^2 /NDF: 189982562827928971107411693398430110973952.0/7
 Right Out: -65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: -92776.433 $\pm$ 0.000 χ^2 /NDF: 84062424251884077007267466763920432168960.0/6
 All: -1004.703 $\pm$ 0.000 χ^2 /NDF: 1634833841

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



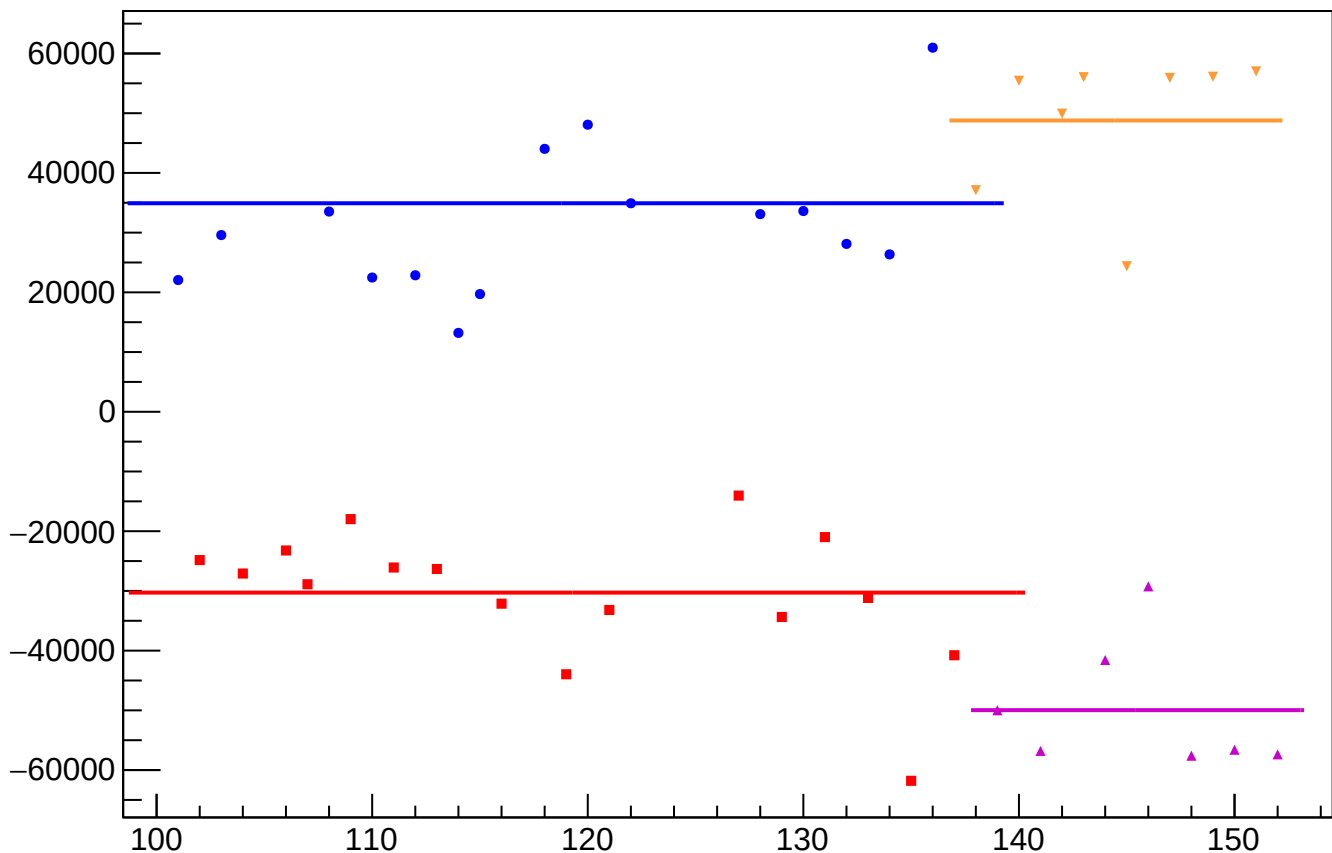
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1429.453+/-0.000 χ^2/NDF : 97699517724842487757162734397855629312.0/7
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -1485.501+/-0.000 χ^2/NDF : 73936156294040130631444148549949849600.0/6
 All: -6.713+/-0.000 χ^2/NDF : 6188862730331

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 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: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000

χ^2/NDF : 106387385440718622155122541848729997017088.0/14

Left Out: 48780.613+/-0.000

χ^2/NDF : 79800882996749589222265574611568994287616.0/7

Right Out: -30282.373+/-0.000

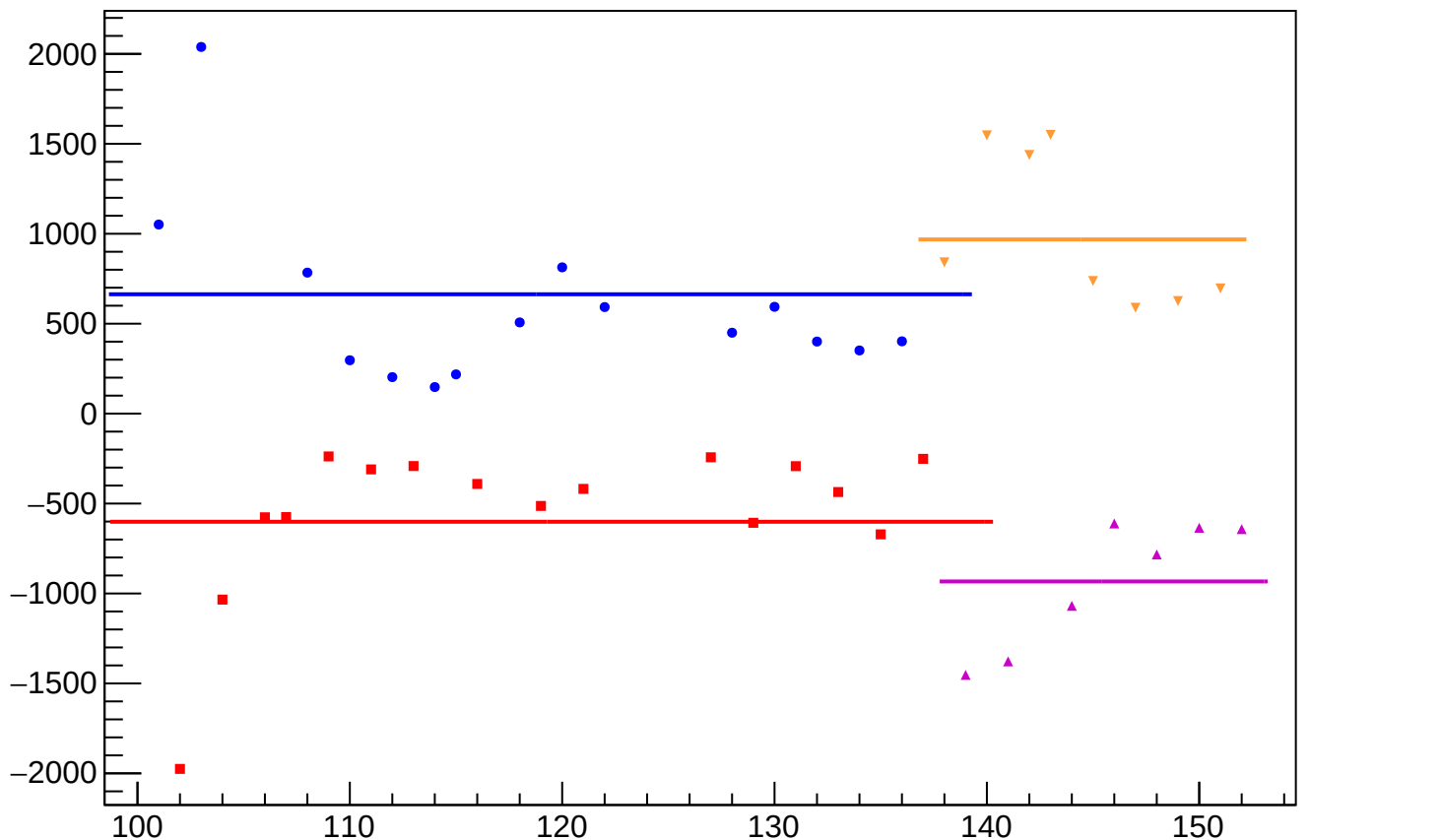
χ^2/NDF : 88346165266593126627598951693506073067520.0/15

Left In: -49966.371+/-0.000

χ^2/NDF : 59572172431380531430099562382069633908736.0/6

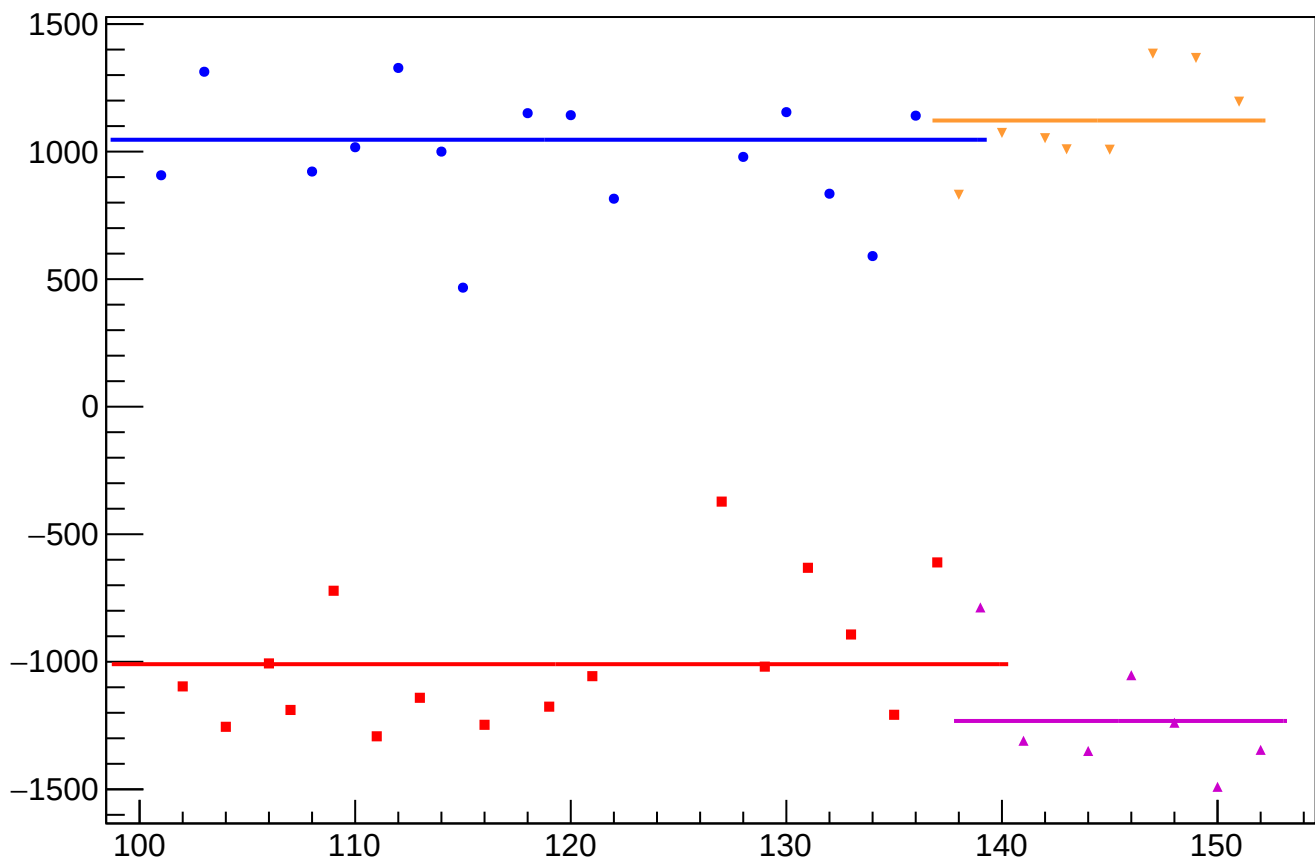
All: 562.628+/-0.000 χ^2/NDF : 464540302307

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Left: 12.001 +/- 0.000 χ^2/NDF : 12372471041903436
 Right: 22.529 +/- 0.000 χ^2/NDF : 8336101395091641
 In: -103.469 +/- 0.000 χ^2/NDF : 1018827130982295
 Out: 137.459 +/- 0.000 χ^2/NDF : 1015690617860447
 All: 17.523 +/- 0.000 χ^2/NDF : 2070926601205

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000

χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: -1009.445+/-0.000

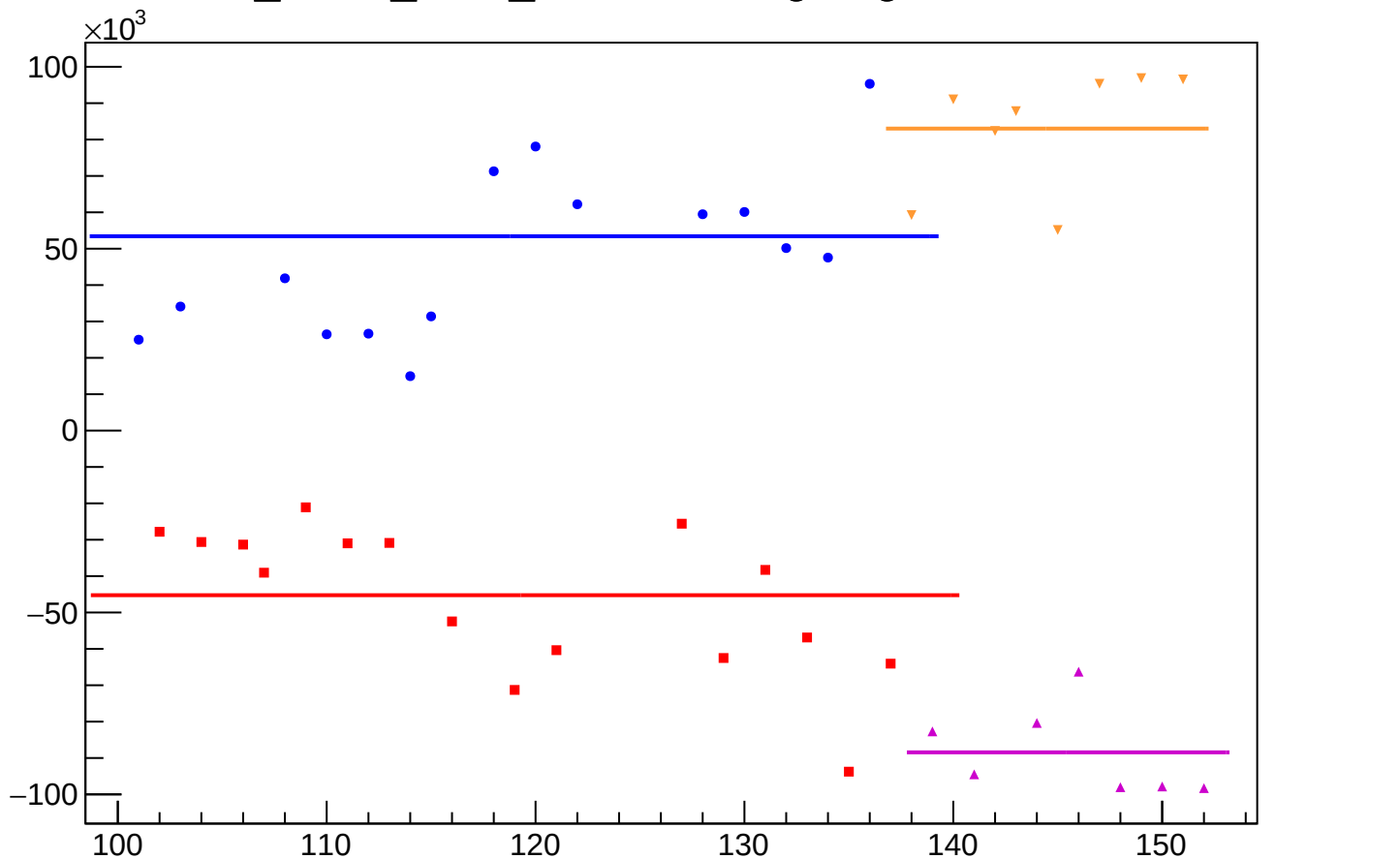
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

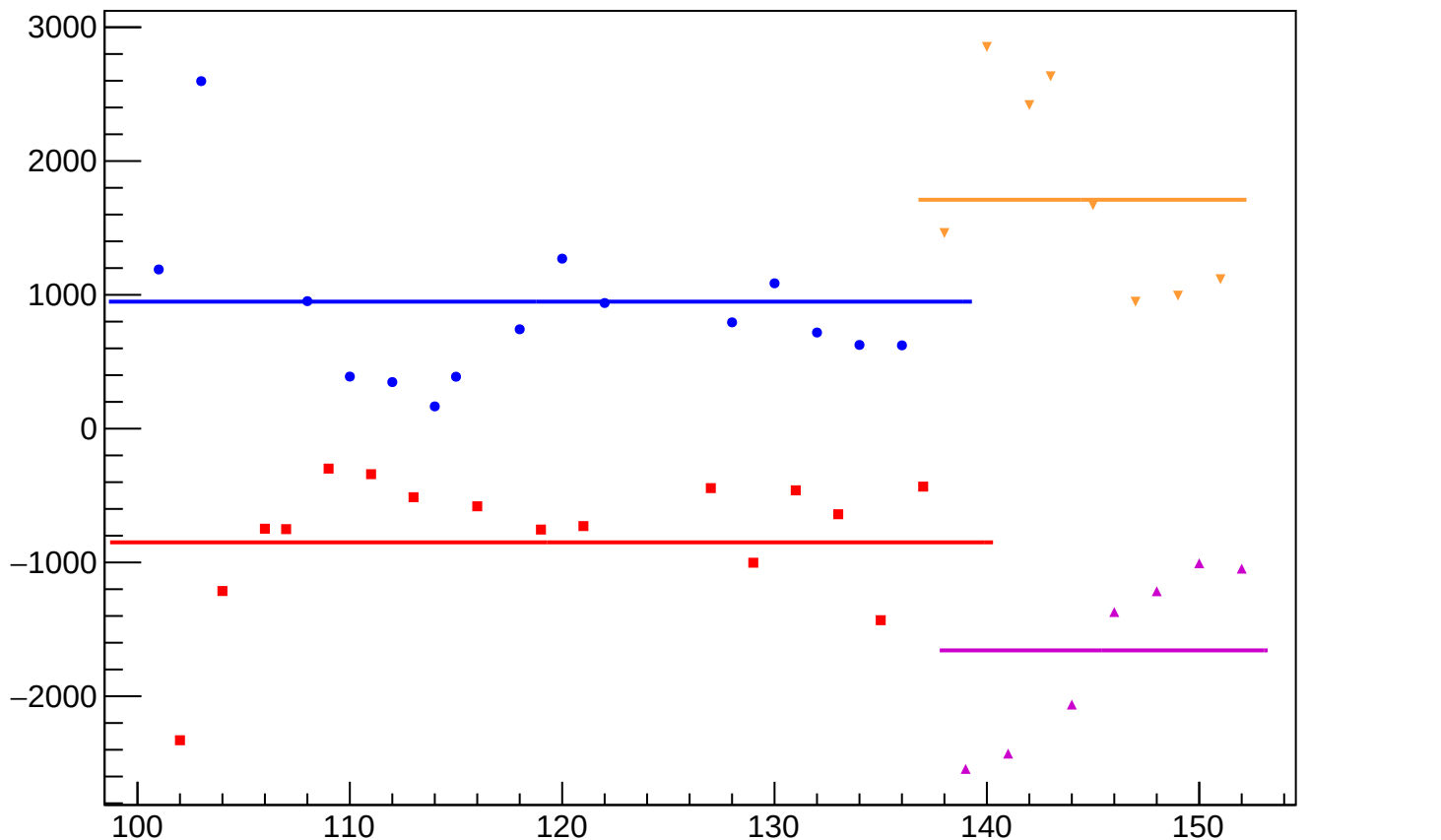
All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam4_coil1_mean vs Slug, Sign Corrected



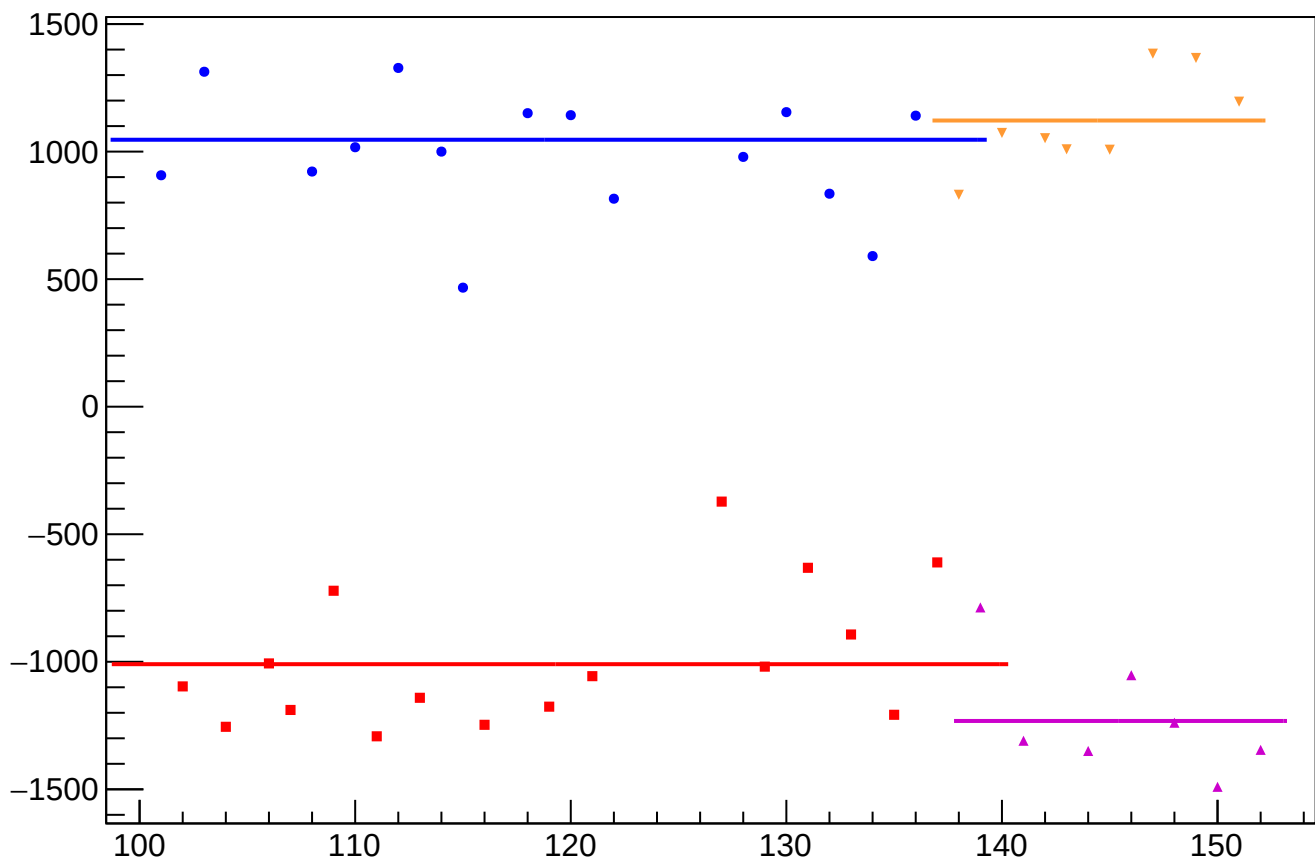
Left: -3216.608 ± 0.000 $\chi^2/\text{NDF}: 90005448604784$
 Right In: 53422.452 ± 0.000 $\chi^2/\text{NDF}: 360635757315133800133751123167777346551808.0/14$
 Left Out: 83017.640 ± 0.000 $\chi^2/\text{NDF}: 155951323315856956126907289697410848129024.0/7$
 Right Out: -45247.617 ± 0.000 $\chi^2/\text{NDF}: 286060196488034430215784613374055547928576.0/15$
 Left In: -88444.790 ± 0.000 $\chi^2/\text{NDF}: 76534883945705858837215086325341309894656.0/6$
 All: 260.501 ± 0.000 $\chi^2/\text{NDF}: 128772133213$

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



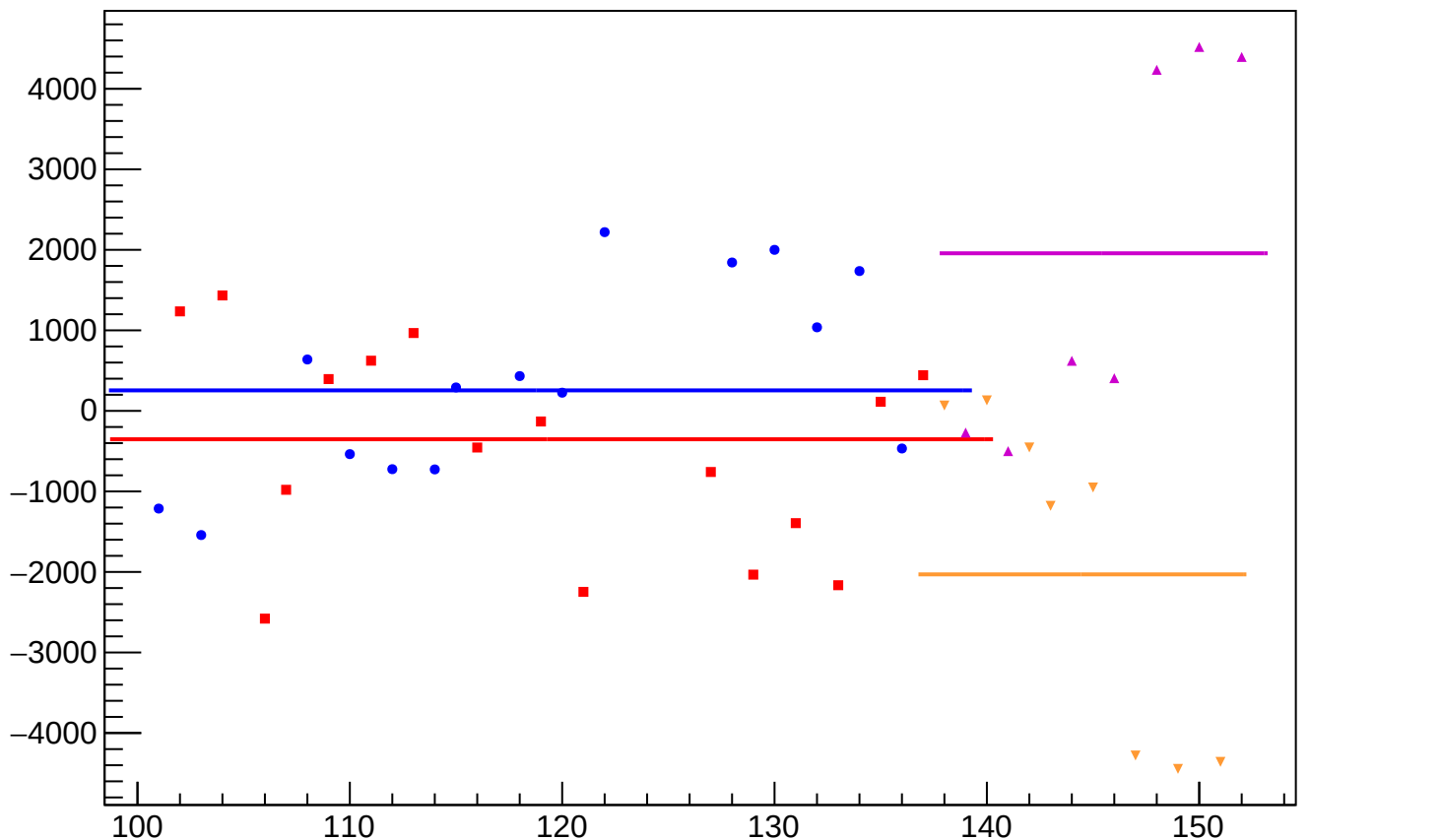
Right In: 949.197 +/- 0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14
 Left Out: 1710.624 +/- 0.000 χ^2/NDF : 307573232527620646000545797506332622848.0/7
 Right Out: -849.827 +/- 0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15
 Left In: -1657.259 +/- 0.000 χ^2/NDF : 223032495610289039610461985377953513472.0/6
 All: 27.596 +/- 0.000 χ^2/NDF : 5408614337079

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



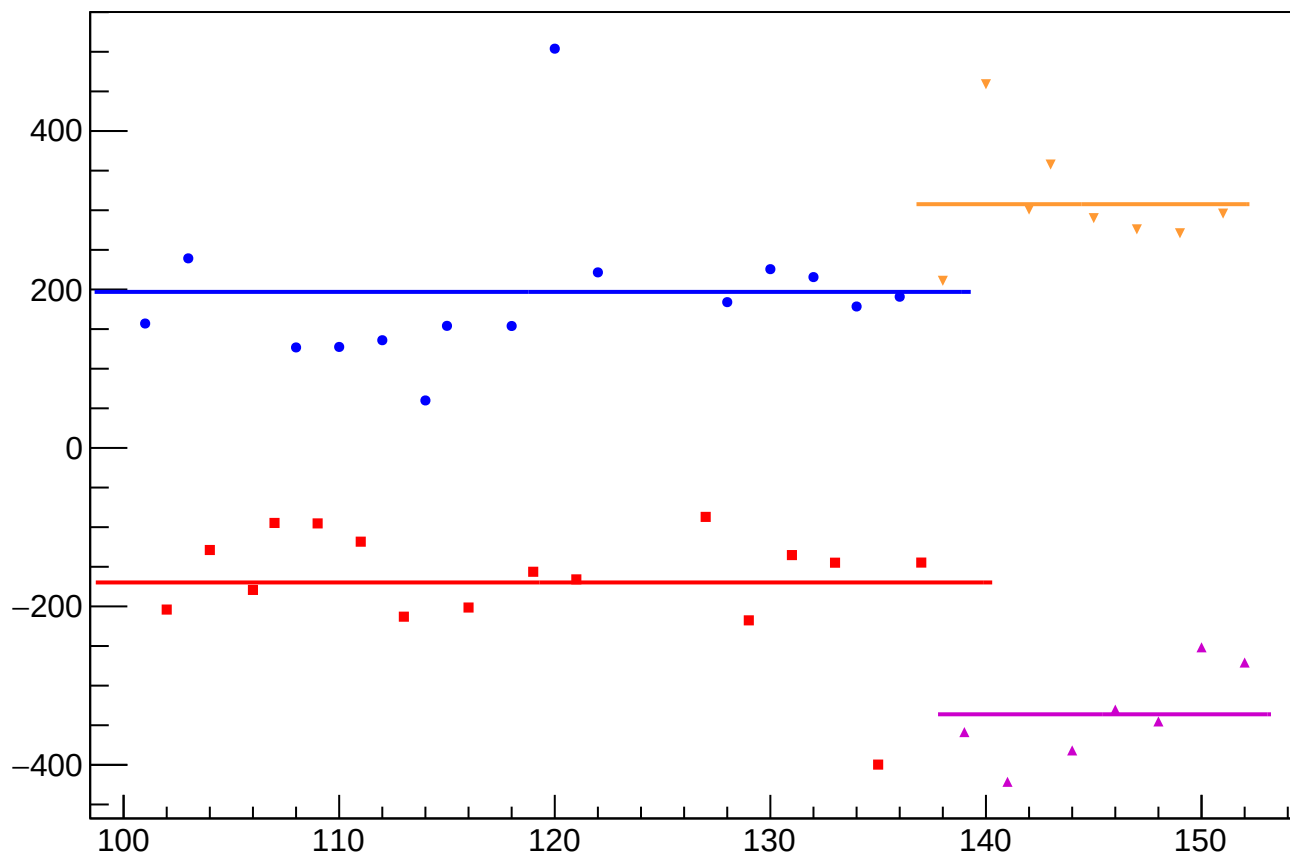
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 254.578 $\pm$ 0.000 χ^2 /NDF: 978402113531006640741569223967249530880.0/14
 Left Out: -2030.172 $\pm$ 0.000 χ^2 /NDF: 2284799188375026332586331792816048439296.0/7
 Right Out: -352.308 $\pm$ 0.000 χ^2 /NDF: 1100813647101508513447529068154010468352.0/15
 Left In: 1956.916 $\pm$ 0.000 χ^2 /NDF: 2823223486346079614960408847036167749632.0/6
 All: -39.661 $\pm$ 0.000 χ^2 /NDF: 120499637480

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955+/-0.000

χ^2/NDF : 4485245160329657914621372425838788608.0/14

Left Out: 307.656+/-0.000

χ^2/NDF : 3006214984187867145867649018165723136.0/7

Right Out: -169.778+/-0.000

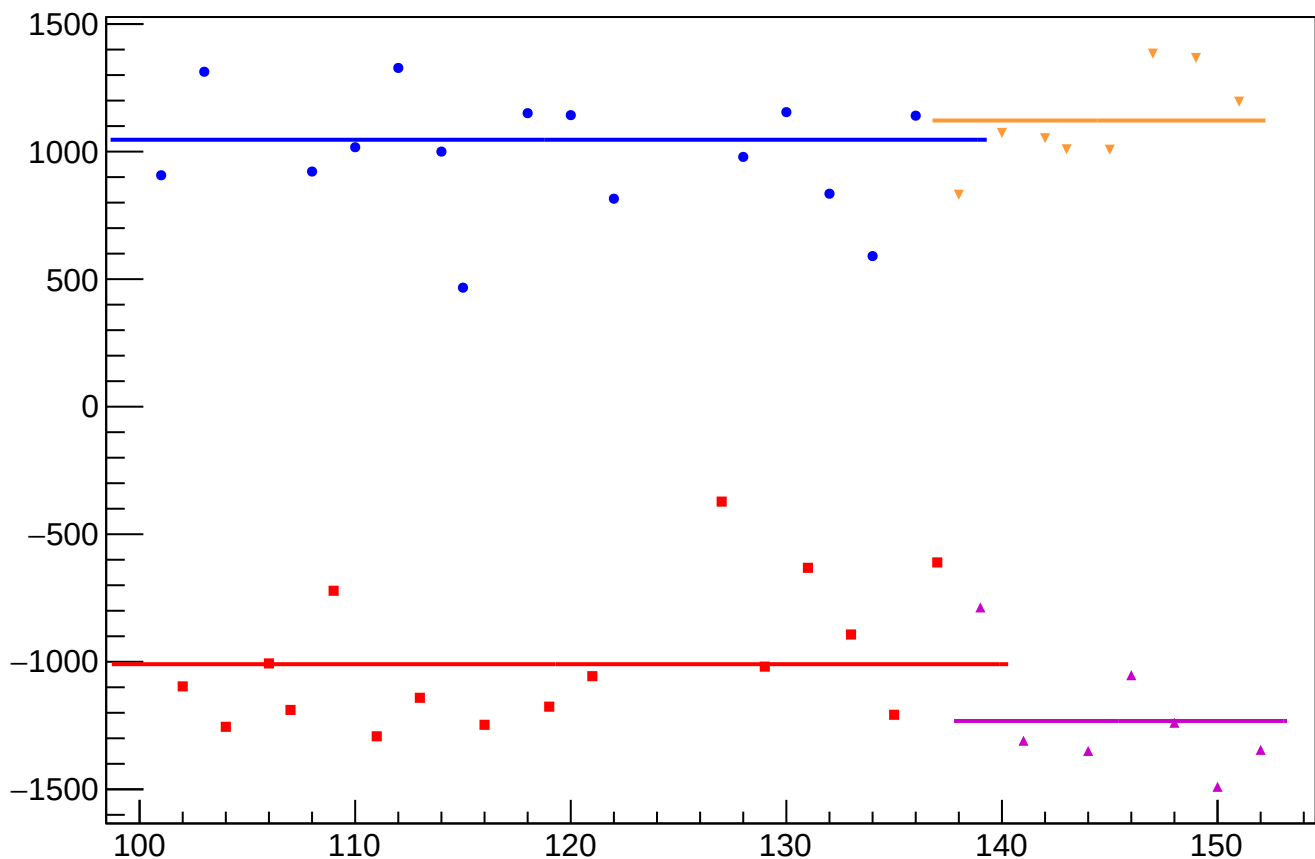
χ^2/NDF : 3892609445494845784493558646385410048.0/15

Left In: -336.189+/-0.000

χ^2/NDF : 1874643880356257175900677216051134464.0/6

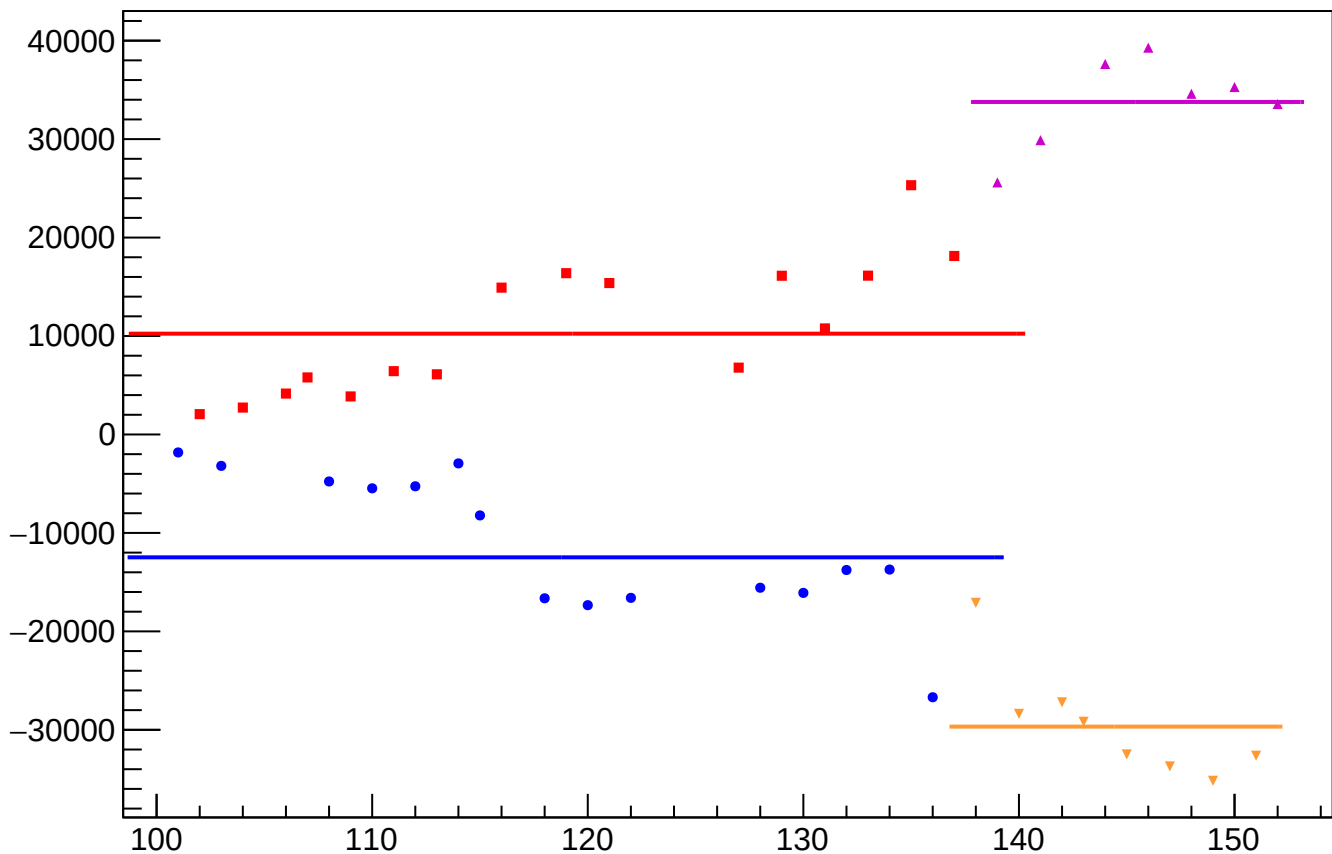
All: -1.870+/-0.000 χ^2/NDF : 1815942715035

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 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: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000

Left Out: -29674.130+/-0.000

Right Out: 10238.098+/-0.000

Left In: 33774.086+/-0.000

χ^2/NDF : 41178633231253805317353333973475271901184.0/14

χ^2/NDF : 17896822956882298895770217671439981477888.0/7

χ^2/NDF : 31227861126159534031961501923223718068224.0/15

χ^2/NDF : 10799973632238491940730623037730201796608.0/6

Left: 2236.121+/-0.000 χ^2/NDF : 122931335191907

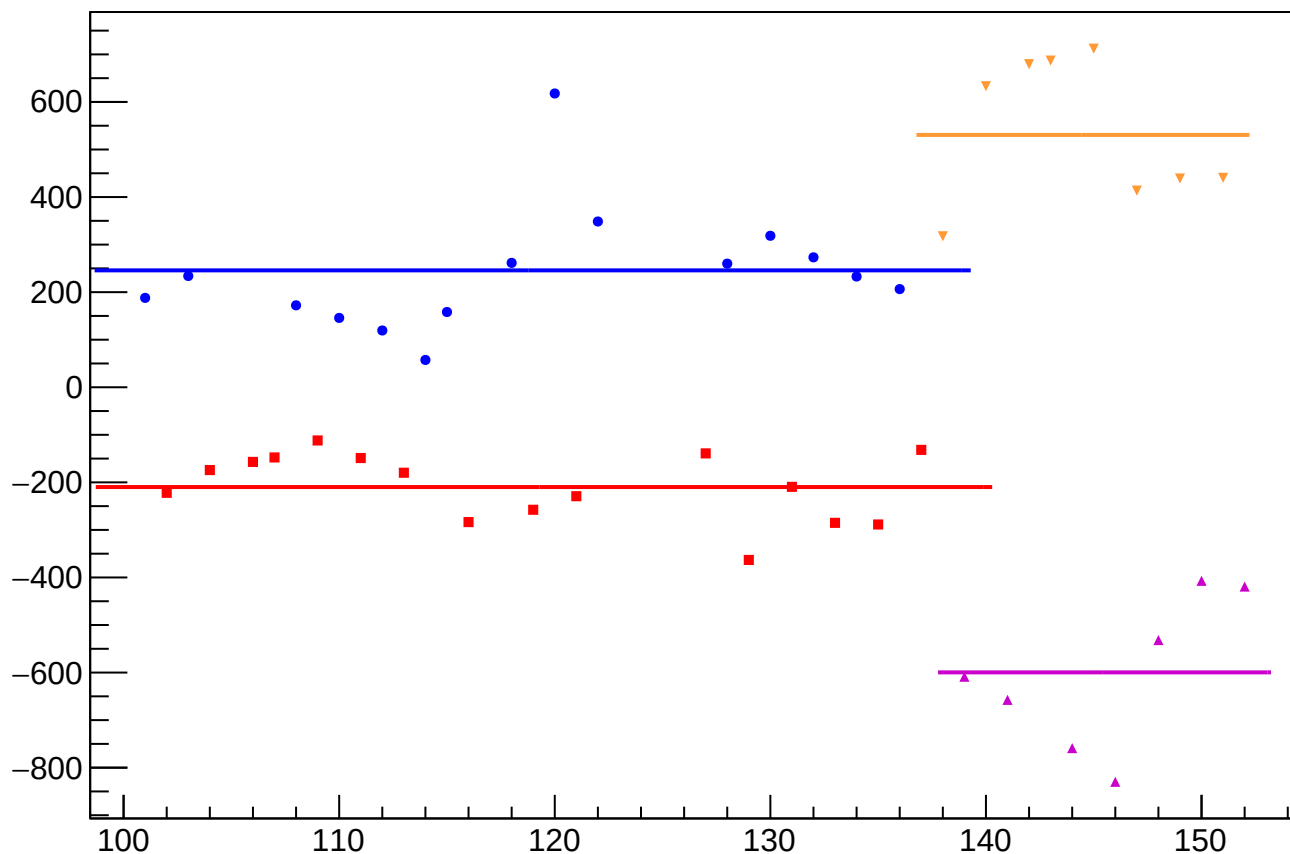
Right: -965.413+/-0.000 χ^2/NDF : 24217037814564

In: 9739.917+/-0.000 χ^2/NDF : 7189807112303627

Out: -8545.990+/-0.000 χ^2/NDF : 54918444654933

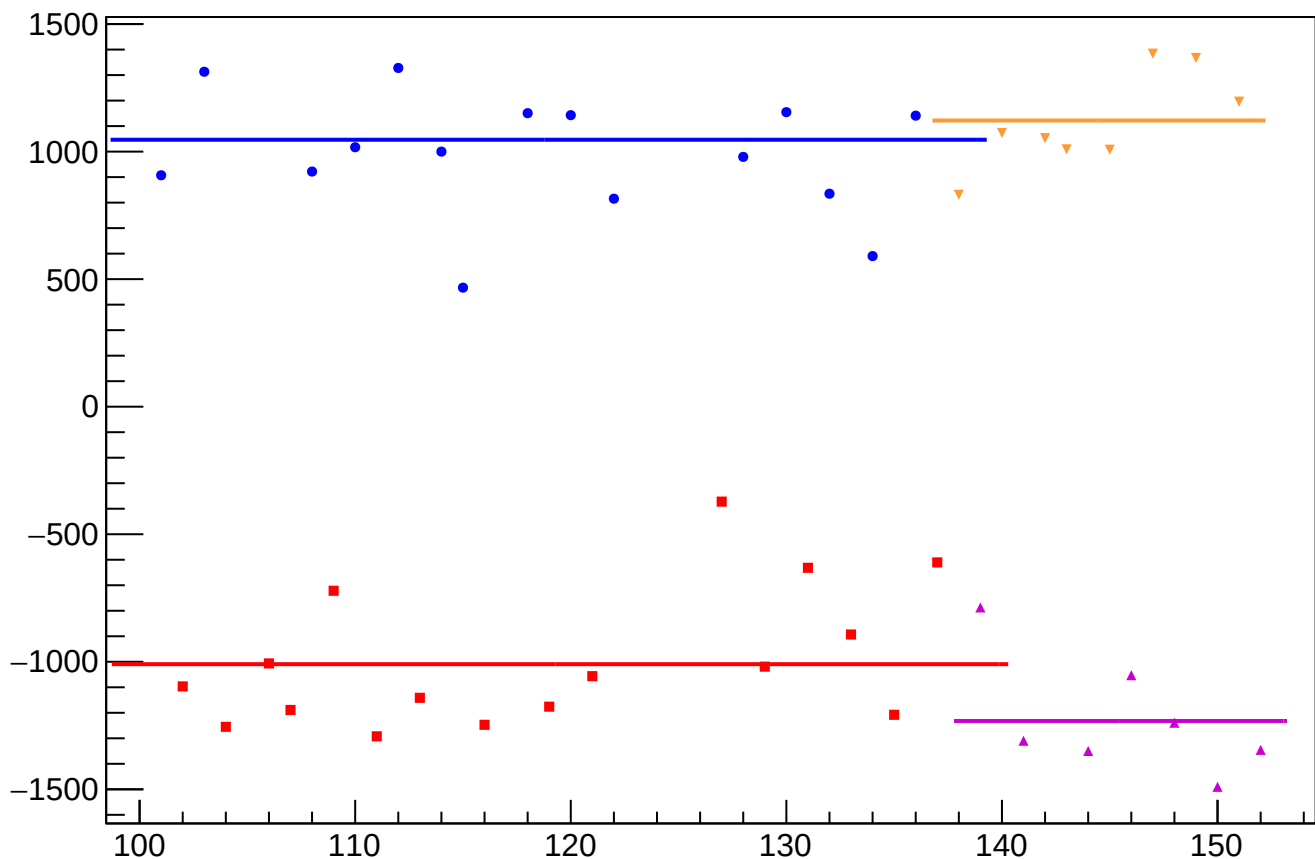
All: 556.879+/-0.000 χ^2/NDF : 147789748053

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



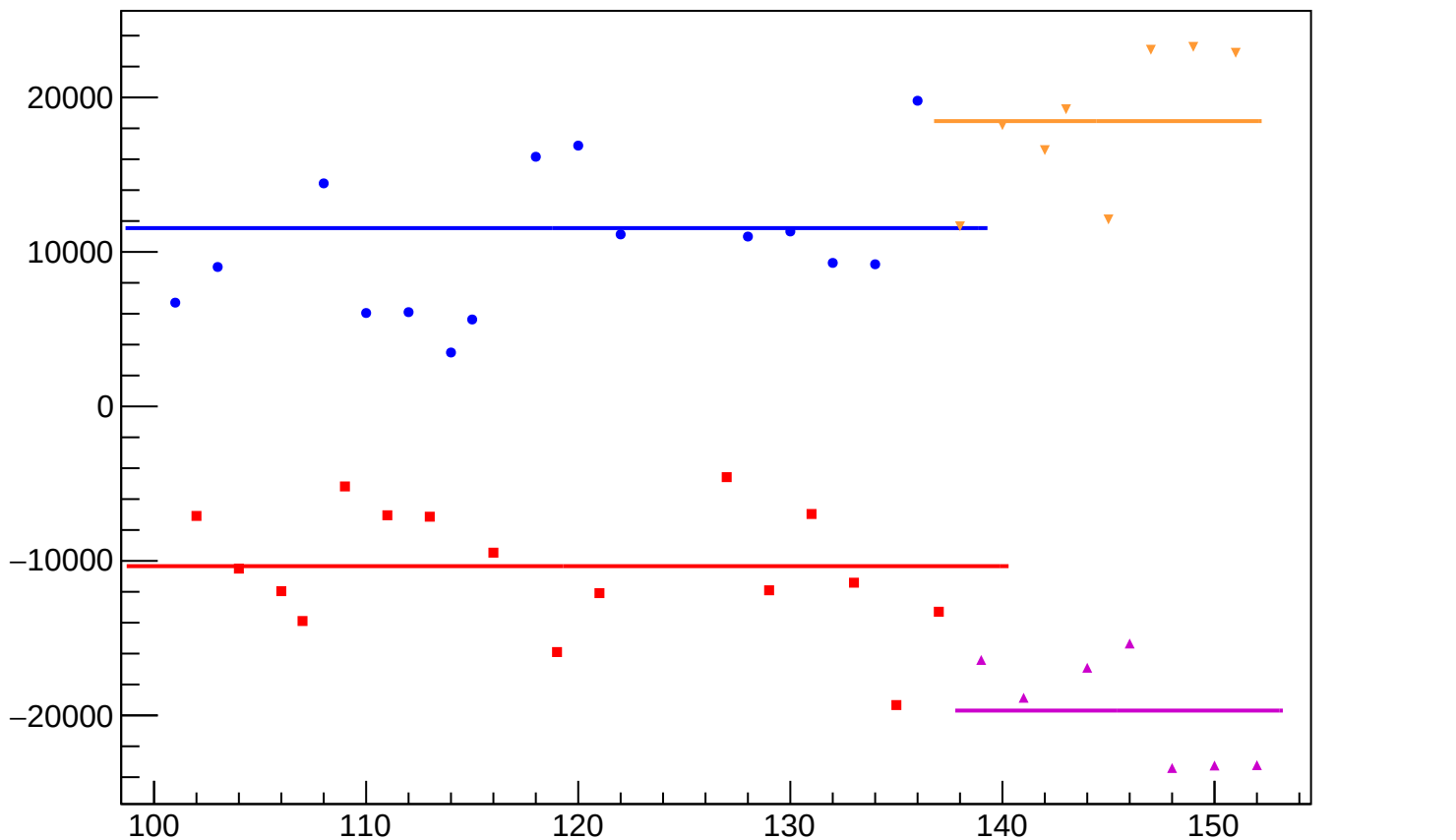
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 530.665 $\pm$ 0.000 χ^2 /NDF: 12125707148581166773283291524241555456.0/7
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -599.588 $\pm$ 0.000 χ^2 /NDF: 13537020323099471055003757604444831744.0/6
 All: -10.159 $\pm$ 0.000 χ^2 /NDF: 487648198490

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



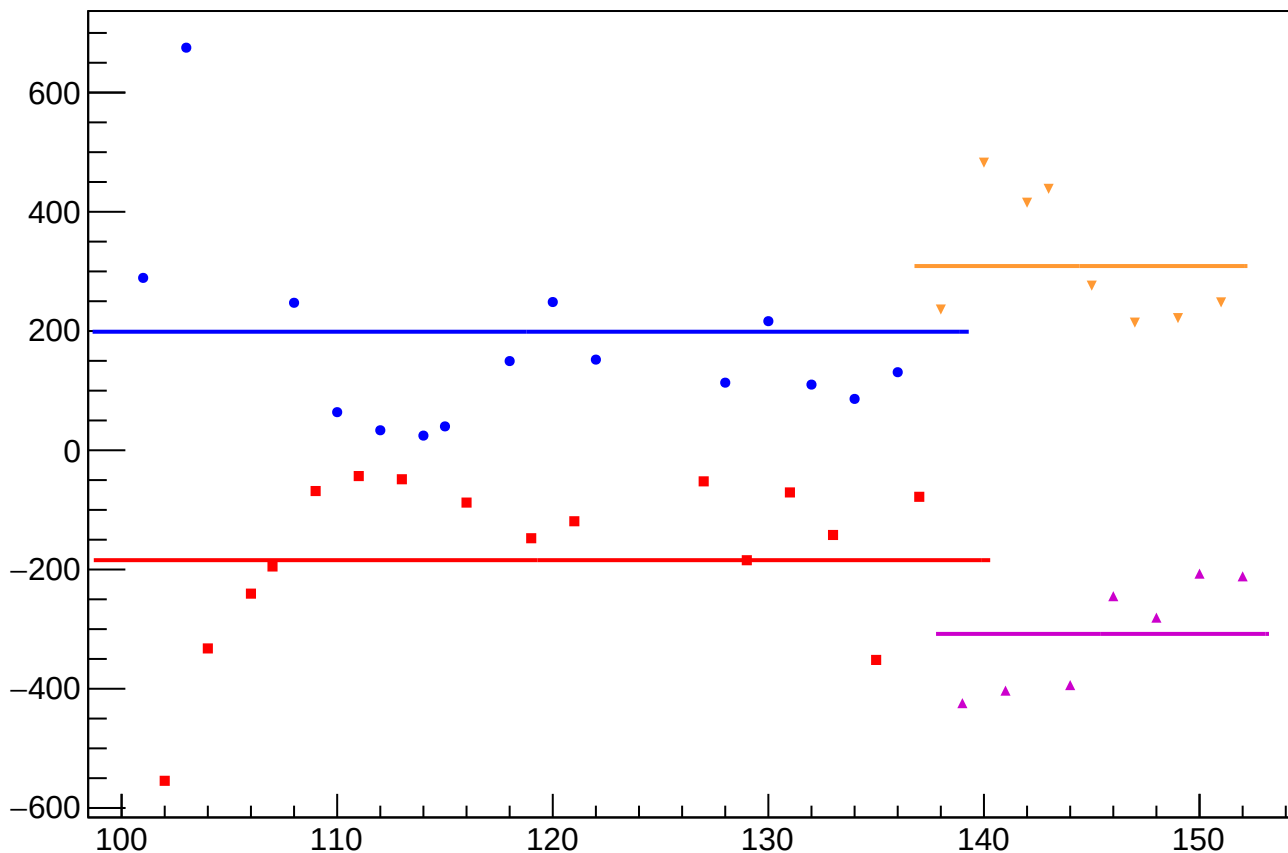
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1232.033+/-0.000 χ^2/NDF : 27642589162015186881949234538999709696.0/6
 All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam7_coil1_mean vs Slug, Sign Corrected



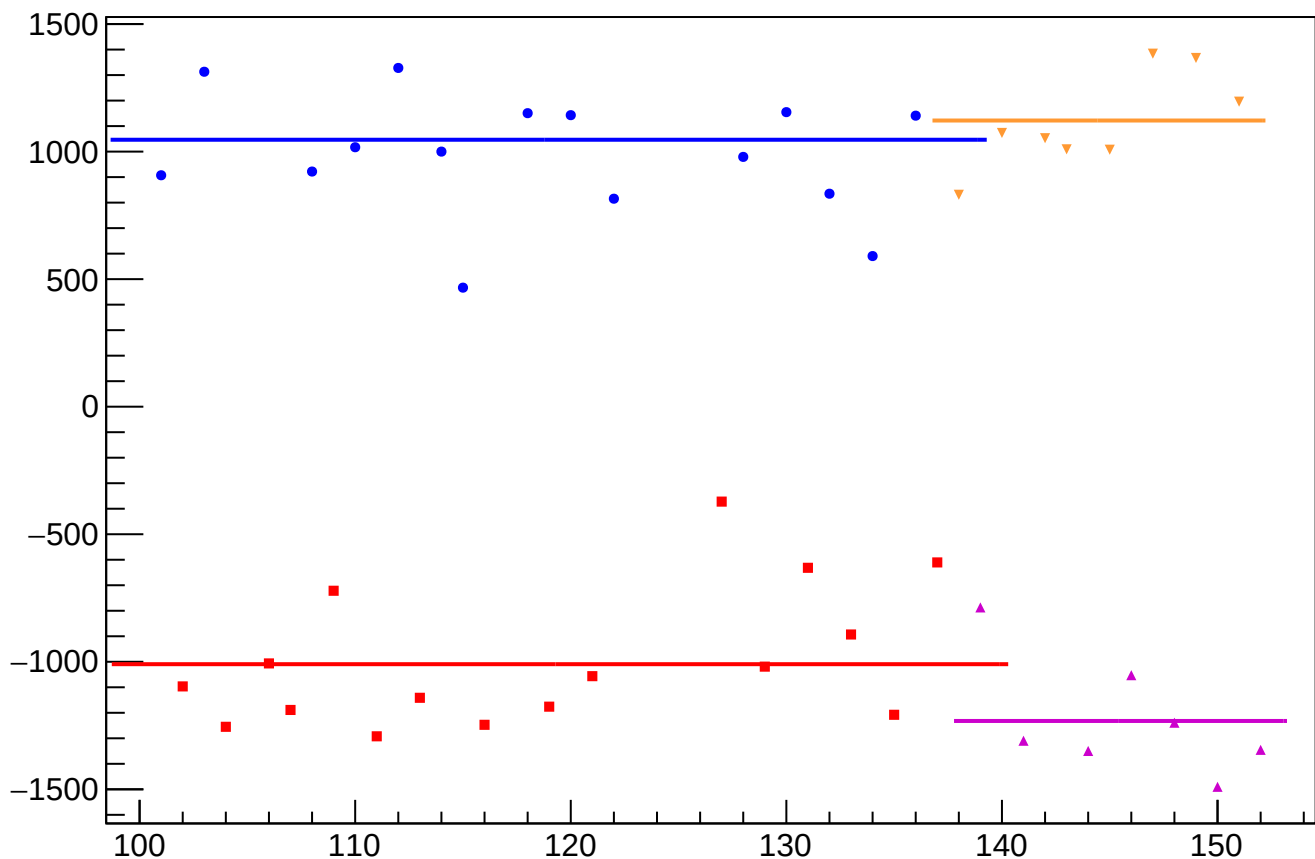
Left: -721.768 ± 0.000 $\chi^2/\text{NDF}: 453007462043610$
 Right In: 11542.759 ± 0.000 $\chi^2/\text{NDF}: 14233543123238566357226766219014687424512.0/14$
 Left Out: 18468.508 ± 0.000 $\chi^2/\text{NDF}: 12216937536723111010267226592070808371200.0/7$
 Right Out: -10339.969 ± 0.000 $\chi^2/\text{NDF}: 11260833863406751645923420062982418202624.0/15$
 Left In: -19688.157 ± 0.000 $\chi^2/\text{NDF}: 6574038208627361946639785668593204592640.0/6$
 All: -106.248 ± 0.000 $\chi^2/\text{NDF}: 63687698372$

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Left: -1.305 +/- 0.000 χ^2/NDF : 12443151024975904
 Right In: 198.850 +/- 0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Right: 4.640 +/- 0.000 χ^2/NDF : 81558141576342570
 Left Out: 309.007 +/- 0.000 χ^2/NDF : 6239726851328848423192867258635386880.0/7
 In: -44.631 +/- 0.000 χ^2/NDF : 10307949704770828
 Right Out: -184.328 +/- 0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15
 Out: 47.852 +/- 0.000 χ^2/NDF : 97567399988482631
 Left In: -307.996 +/- 0.000 χ^2/NDF : 4653927707086870973967377481410281472.0/6
 All: 1.814 +/- 0.000 χ^2/NDF : 20601176933773

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1121.879+/-0.000

χ^2/NDF : 19769512923344846183861395938592423936.0/7

Right Out: -1009.445+/-0.000

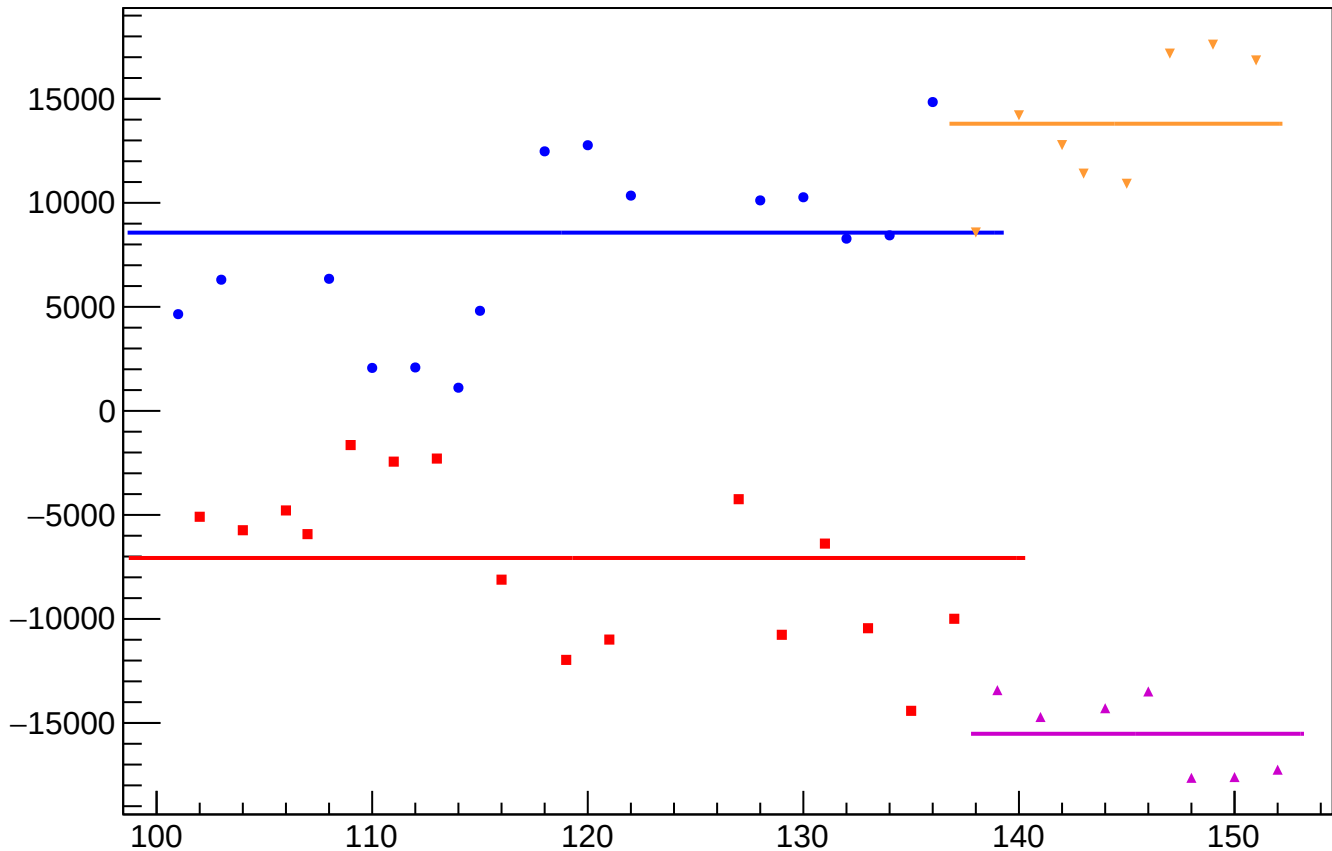
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1232.033+/-0.000

χ^2/NDF : 27642589162015186881949234538999709696.0/6

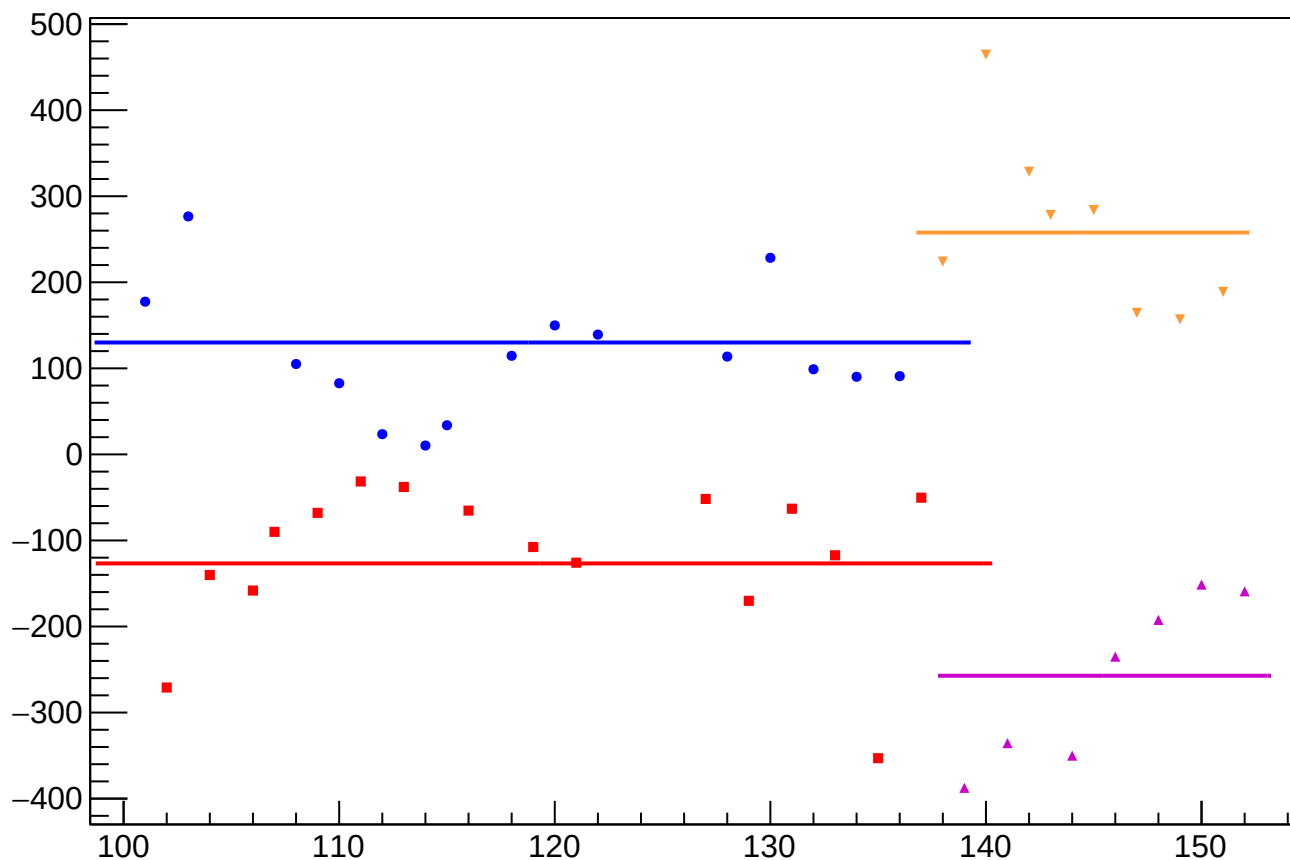
Left: -61.983+/-0.000 χ^2/NDF : 1699929023158725
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576
 In: -48.077+/-0.000 χ^2/NDF : 16711126710311259
 Out: -6.370+/-0.000 χ^2/NDF : 14903373302484067
 All: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_sam8_coil1_mean vs Slug, Sign Corrected



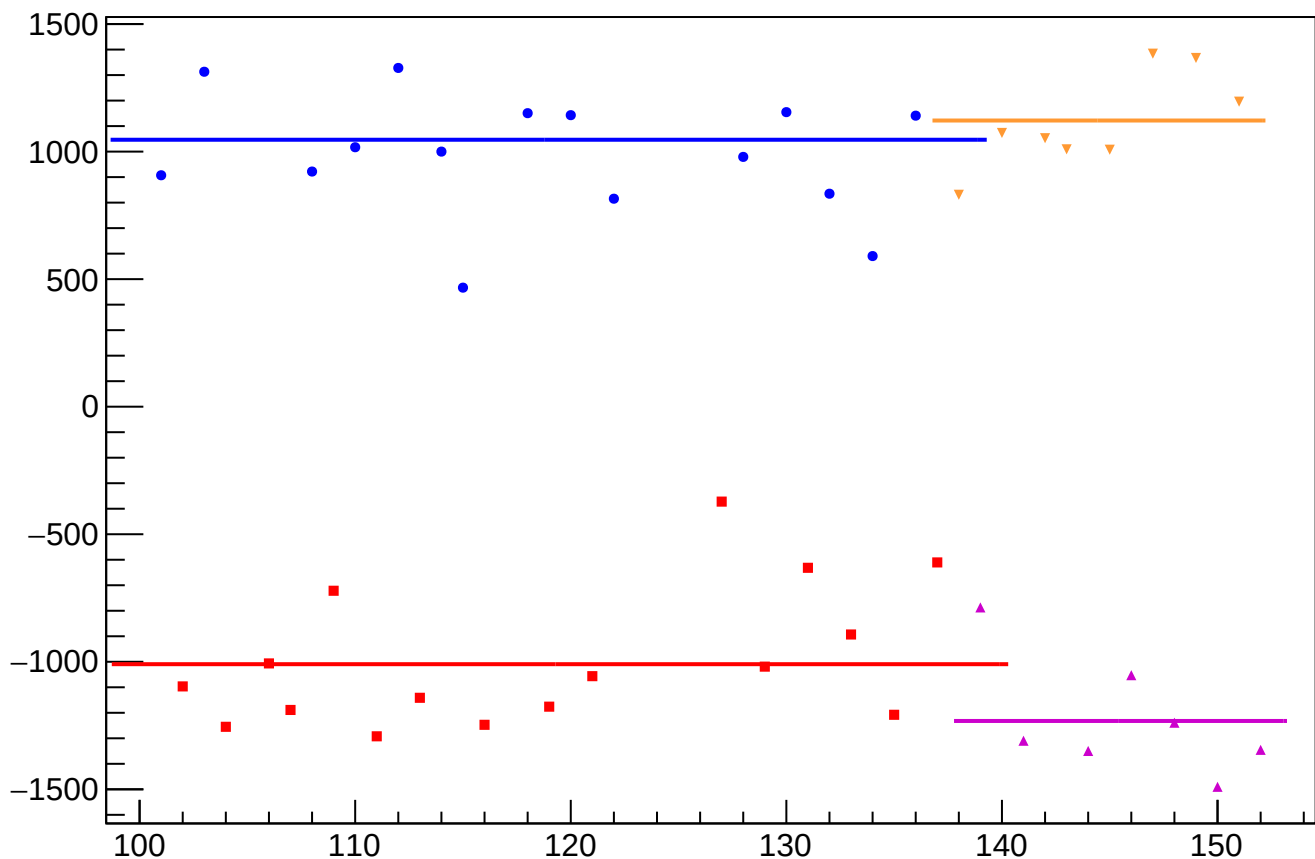
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 13802.742+/-0.000 χ^2/NDF : 6064950892321279780926837363427663413248.0/7
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -15519.844+/-0.000 χ^2/NDF : 1918634983765955343741749539578744668160.0/6
 All: -112.396+/-0.000 χ^2/NDF : 36760986851

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



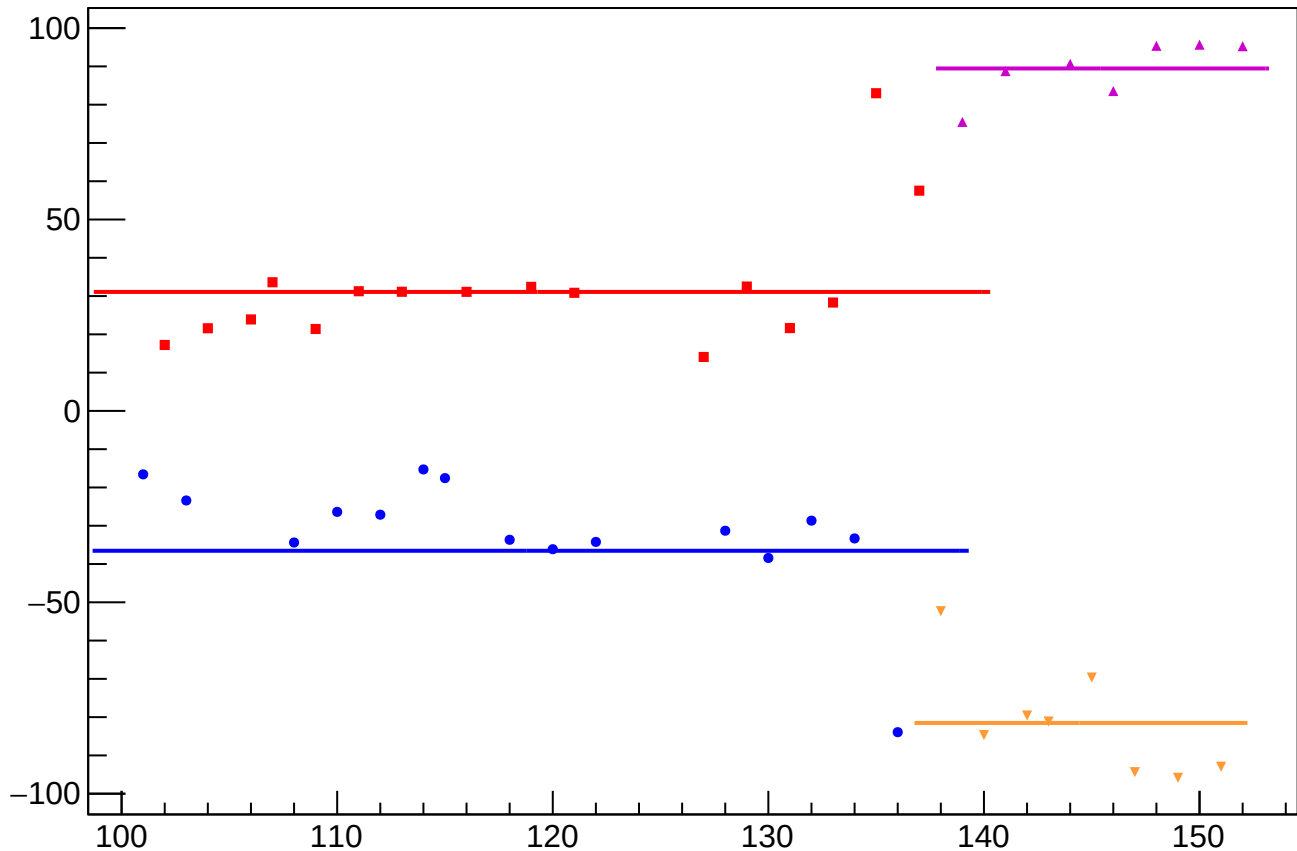
Left: -1.226 ± 0.000 $\chi^2/\text{NDF}: 89819575387674287$
 Right In: 130.021 ± 0.000 $\chi^2/\text{NDF}: 3115259987552341725946418665378283520.0/14$
 Right: -0.100 ± 0.000 $\chi^2/\text{NDF}: 3019268215396835$
 Left Out: 257.784 ± 0.000 $\chi^2/\text{NDF}: 5805709066780707192238216396903809024.0/7$
 In: -56.001 ± 0.000 $\chi^2/\text{NDF}: 54778996809678462$
 Right Out: -126.709 ± 0.000 $\chi^2/\text{NDF}: 5397122581297664561308621600668516352.0/15$
 Out: 54.247 ± 0.000 $\chi^2/\text{NDF}: 57610224559159600$
 Left In: -257.214 ± 0.000 $\chi^2/\text{NDF}: 4913800289486875674352565953190952960.0/6$
 All: -0.635 ± 0.000 $\chi^2/\text{NDF}: 1200130504801$

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1121.879+/-0.000 χ^2/NDF : 19769512923344846183861395938592423936.0/7
 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: -27.132+/-0.000 χ^2/NDF : 316254106633

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -36.540+/-0.000

Left Out: -81.514+/-0.000

Right Out: 31.085+/-0.000

Left In: 89.460+/-0.000

χ^2/NDF : 254351867861444609202637633864335360.0/14

χ^2/NDF : 119075597374091341972327694281474048.0/7

χ^2/NDF : 181291079119381636178408498876383232.0/15

χ^2/NDF : 28235488490324759413580043751784448.0/6

Left: 4.474+/-0.000 χ^2/NDF : 886549579792096140

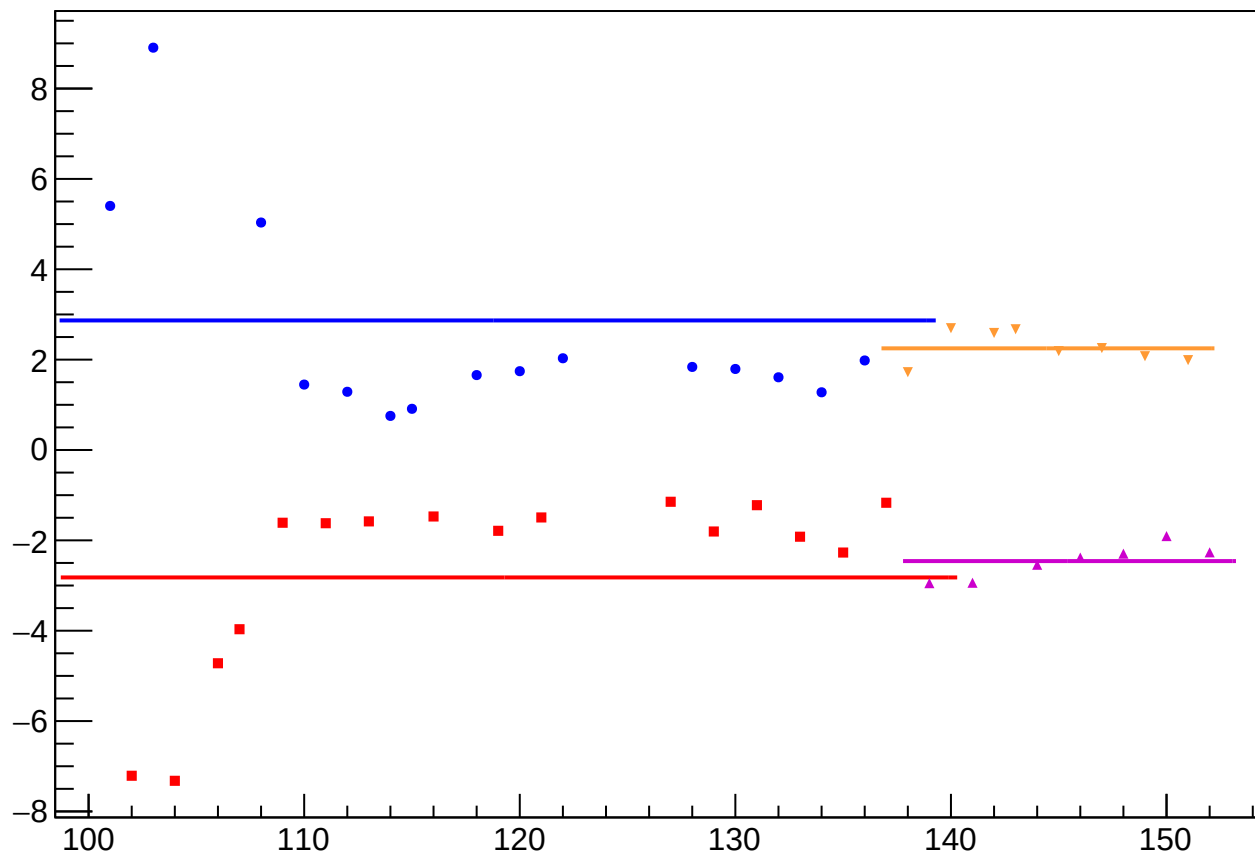
Right: -2.265+/-0.000 χ^2/NDF : 1939933040270060

In: 23.988+/-0.000 χ^2/NDF : 523222140000184175

Out: -21.908+/-0.000 χ^2/NDF : 4280364346409878

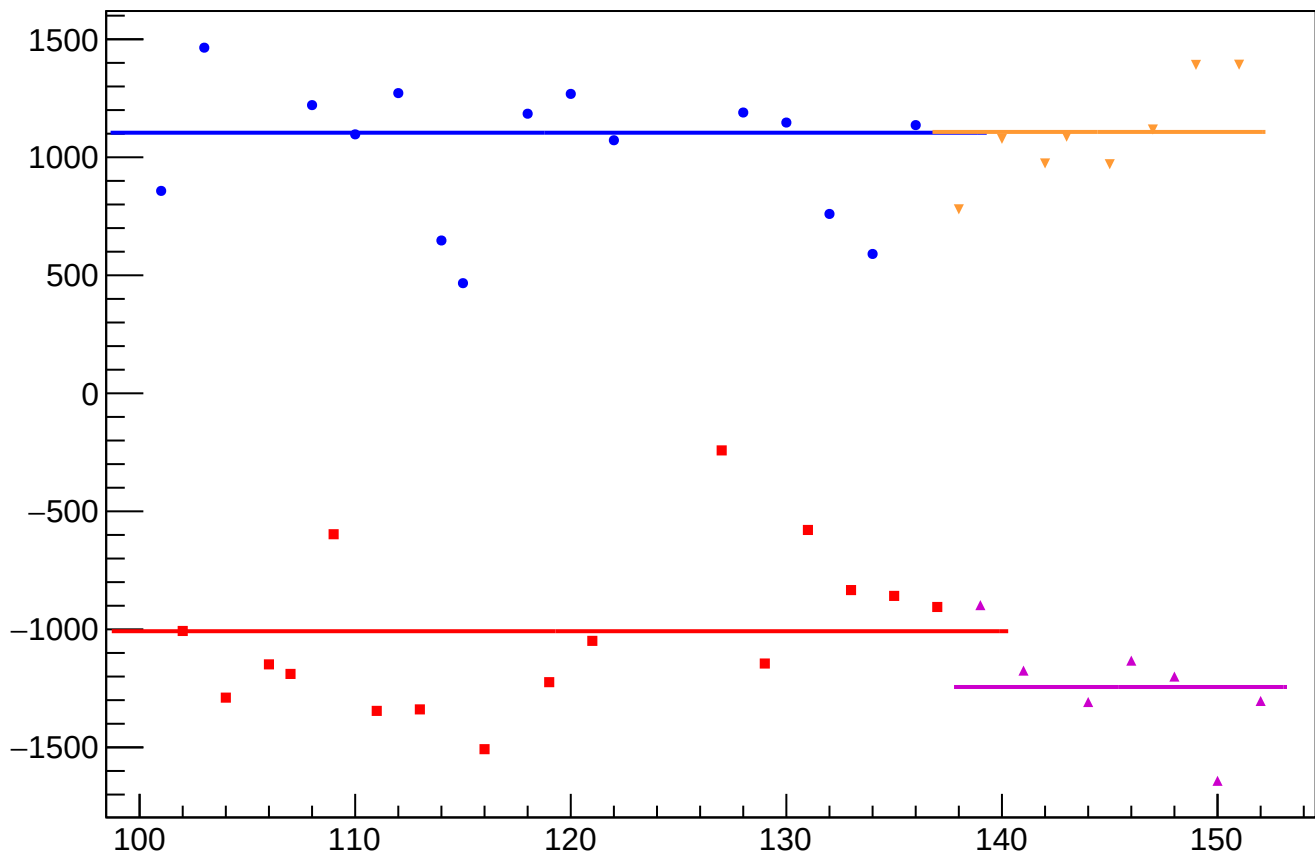
All: 0.940+/-0.000 χ^2/NDF : 10833848615085

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



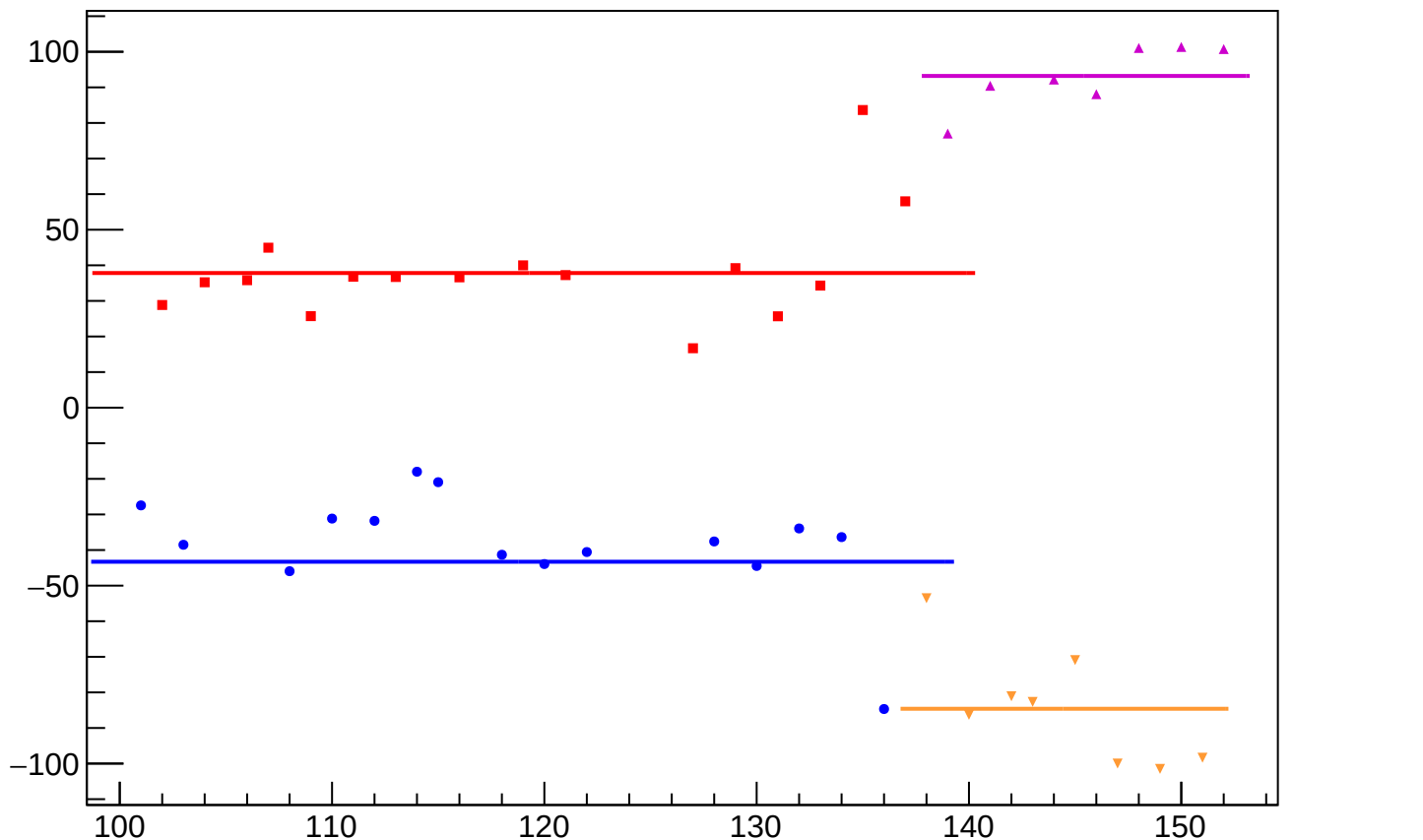
Right In: 2.867 ± 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.250 ± 0.000 χ^2/NDF : 63439011864316999441915609874432.0/7
 Right Out: -2.821 ± 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: -2.459 ± 0.000 χ^2/NDF : 73351016678416022632192622460928.0/6
 All: -0.065 ± 0.000 χ^2/NDF : 2390809188736

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442+/-0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 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: -18.144+/-0.000 χ^2/NDF : 327611110286

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: -43.289+/-0.000

Left Out: -84.598+/-0.000

Right Out: 37.832+/-0.000

Left In: 93.208+/-0.000

χ^2/NDF : 199342736778845281087197523996573696.0/14

χ^2/NDF : 148476036564622069309065445666455552.0/7

χ^2/NDF : 148683933977204936634636843897323520.0/15

χ^2/NDF : 40322441629177003529400664111185920.0/6

Left: 4.827+/-0.000 χ^2/NDF : 961756837074402384

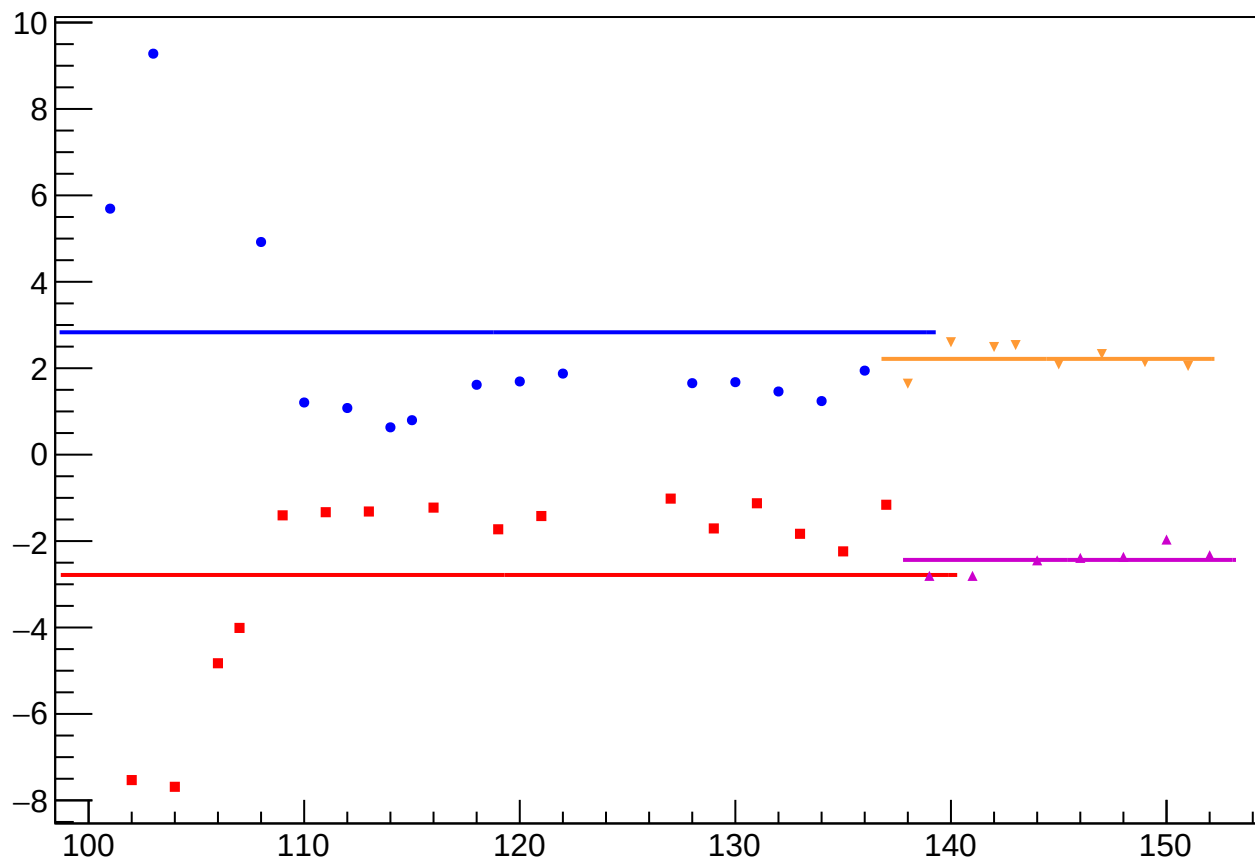
Right: -2.174+/-0.000 χ^2/NDF : 2512687101518028

In: 22.282+/-0.000 χ^2/NDF : 604838968260334795

Out: -19.787+/-0.000 χ^2/NDF : 5002439081303105

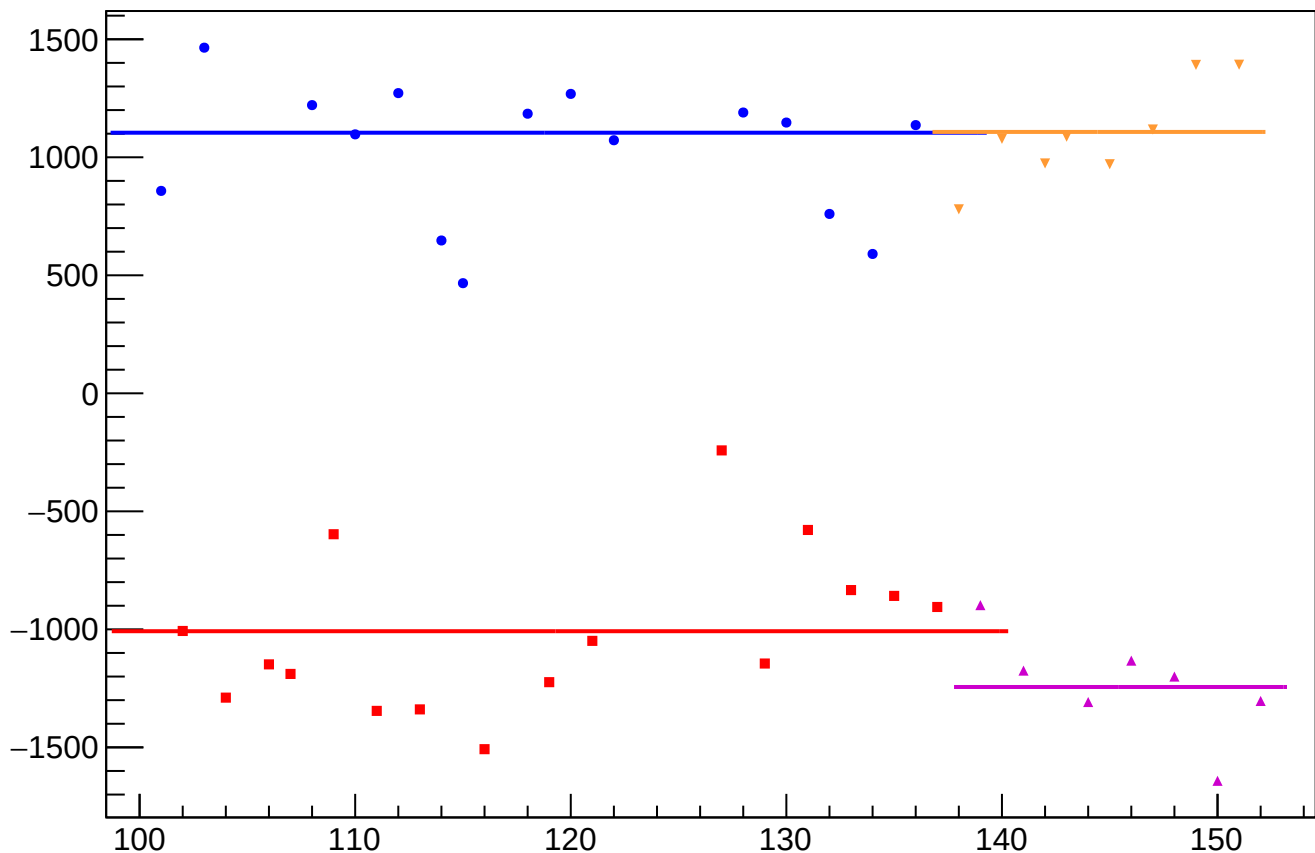
All: 1.155+/-0.000 χ^2/NDF : 12160920895293

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



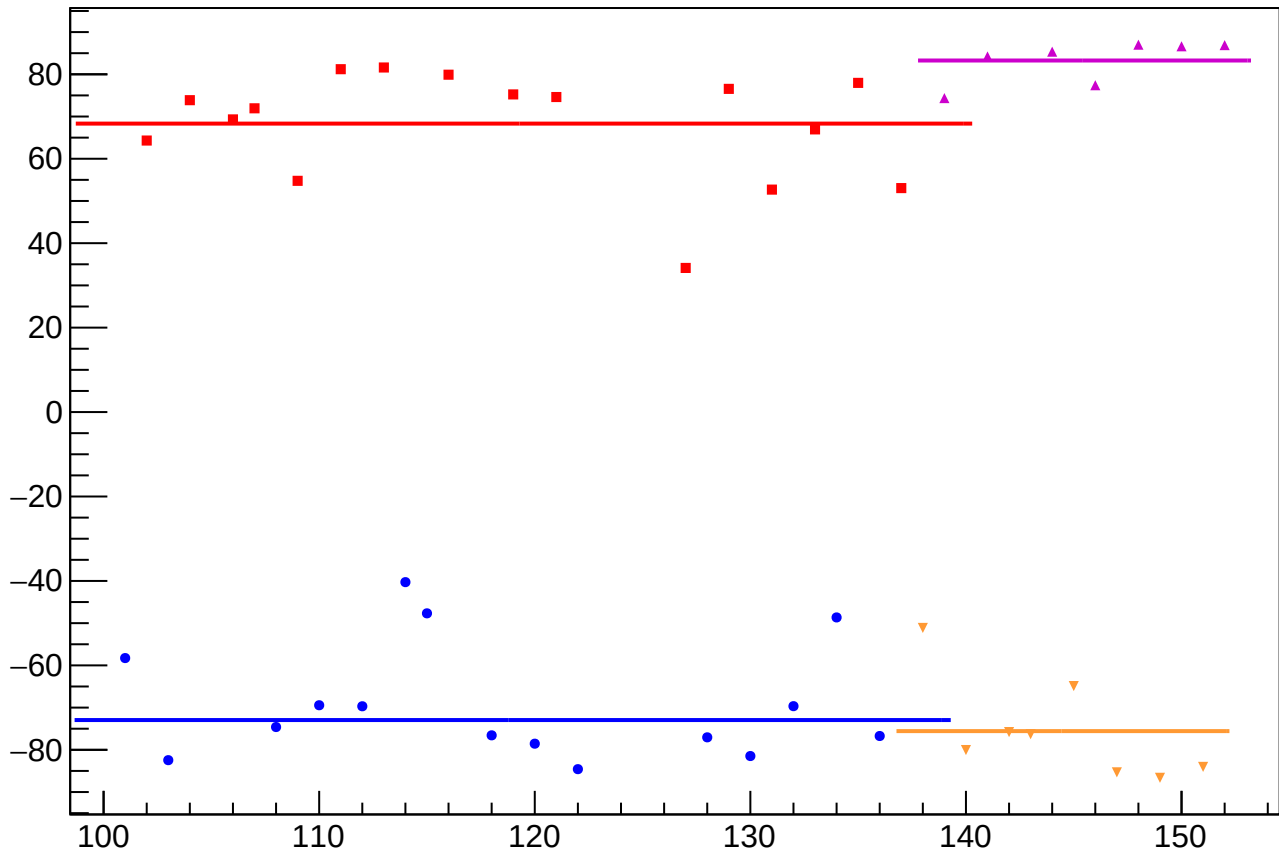
Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.216 ± 0.000 χ^2/NDF : 53031025358964333324321310113792.0/7
 Right Out: -2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: -2.436 ± 0.000 χ^2/NDF : 44461176839177498902289469931520.0/6
 All: -0.066 ± 0.000 χ^2/NDF : 2448075446309

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



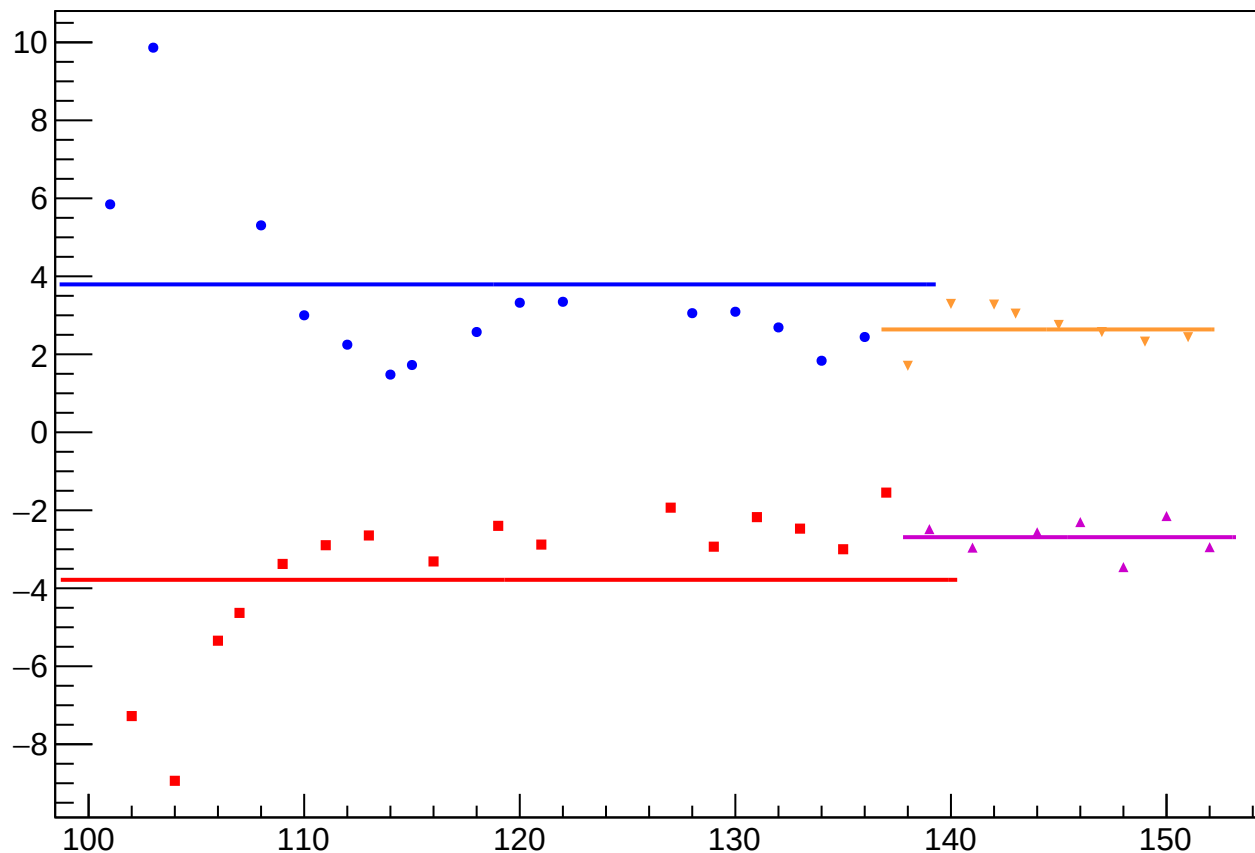
Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: -75.288+/-0.000	χ^2/NDF : 1699600919652182
Left Out: 1107.442+/-0.000	χ^2/NDF : 23852091216105256312132421151050694656.0/7	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: -23.990+/-0.000	χ^2/NDF : 17784291707389582
Left In: -1244.218+/-0.000	χ^2/NDF : 26392004693340000926541147830371745792.0/6	Out: -12.349+/-0.000	χ^2/NDF : 1497596942282876
	All: -18.144+/-0.000	χ^2/NDF : 327611110286	

dit_11X12X_coil3_mean vs Slug, Sign Corrected



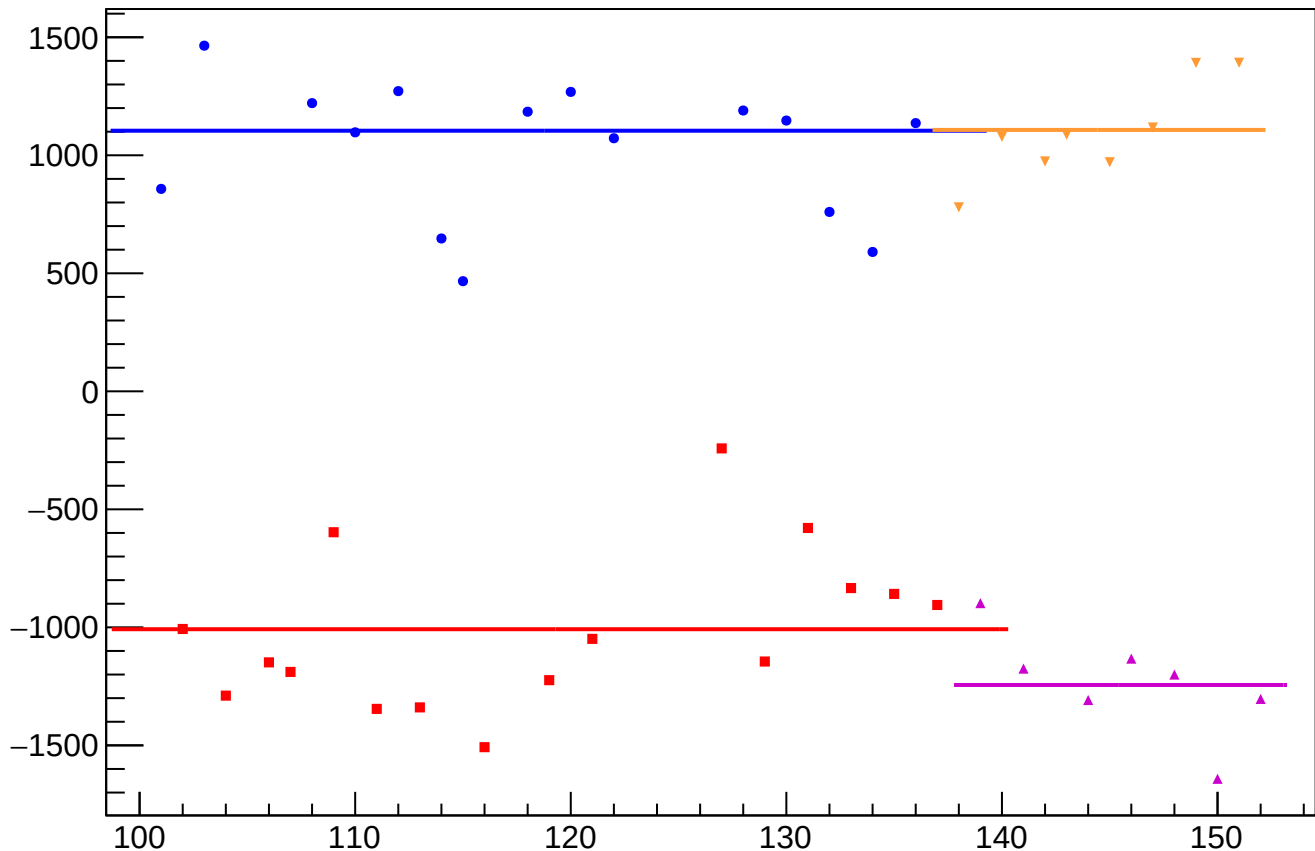
Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$
 Left Out: -75.569 ± 0.000 $\chi^2/\text{NDF}: 80740676308889578250423955026345984.0/7$
 Right Out: 68.324 ± 0.000 $\chi^2/\text{NDF}: 106694344898202364483367131372584960.0/15$
 Left In: 83.269 ± 0.000 $\chi^2/\text{NDF}: 13103152898817614311278505449488384.0/6$
 All: 1.346 ± 0.000 $\chi^2/\text{NDF}: 14375713847619$

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



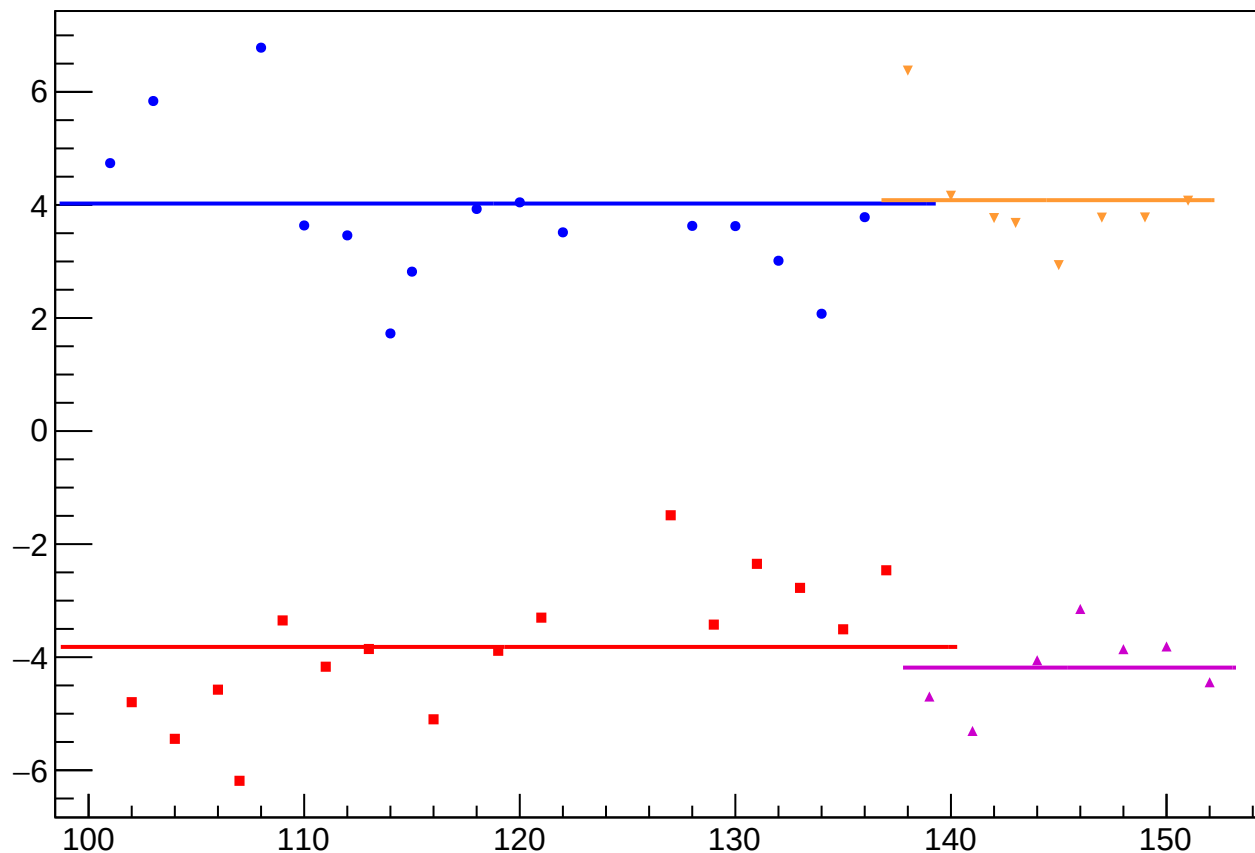
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.638+/-0.000 χ^2/NDF : 145352473933053608023531769036800.0/7
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.690+/-0.000 χ^2/NDF : 105287312404143987583996657664000.0/6
 All: -0.044+/-0.000 χ^2/NDF : 3367770587784

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



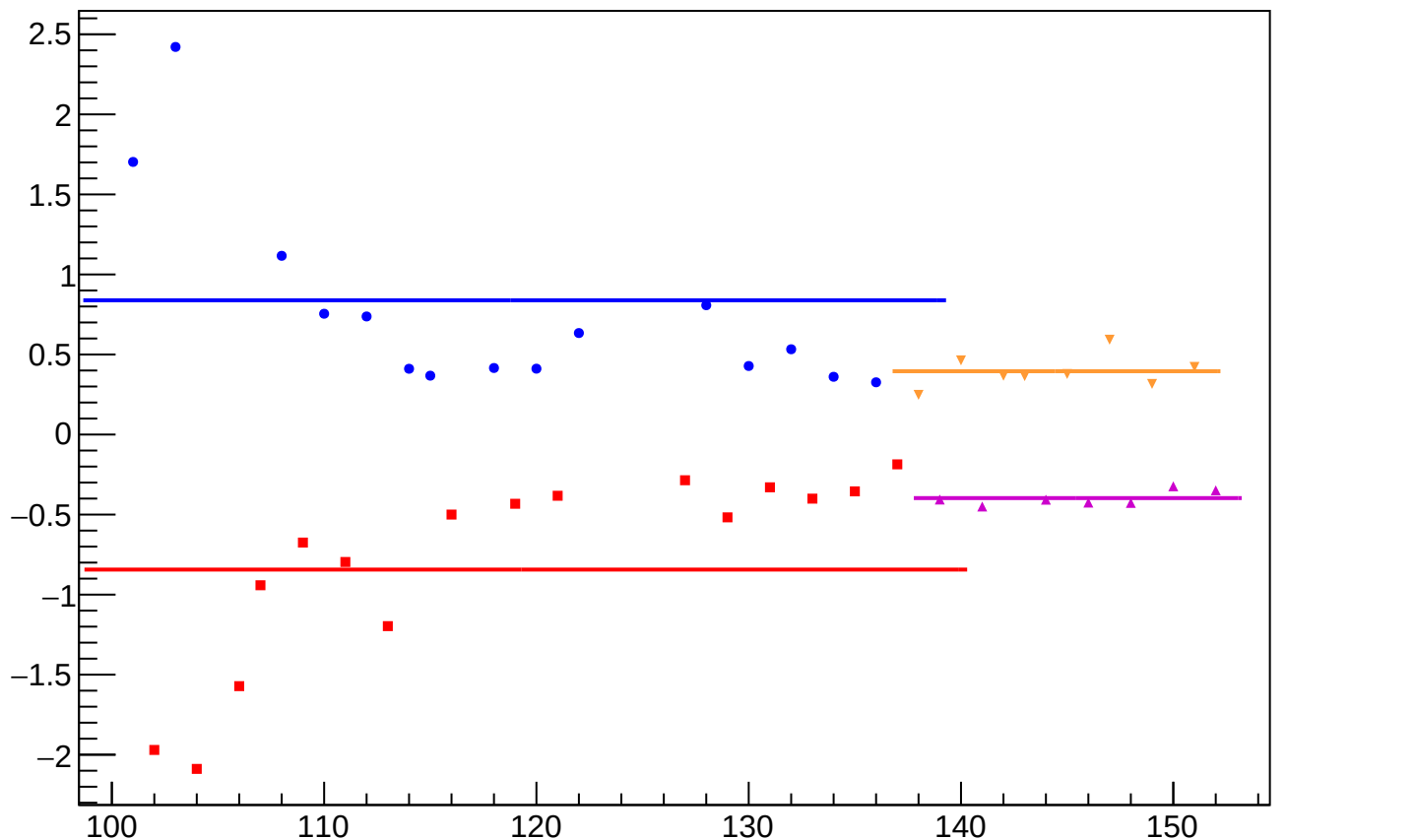
Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: -75.288+/-0.000	χ^2/NDF : 1699600919652182
Left Out: 1107.442+/-0.000	χ^2/NDF : 23852091216105256312132421151050694656.0/7	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: -23.990+/-0.000	χ^2/NDF : 17784291707389582
Left In: -1244.218+/-0.000	χ^2/NDF : 26392004693340000926541147830371745792.0/6	Out: -12.349+/-0.000	χ^2/NDF : 1497596942282876
	All: -18.144+/-0.000	χ^2/NDF : 327611110286	

dit_4aY_coil3_mean vs Slug, Sign Corrected



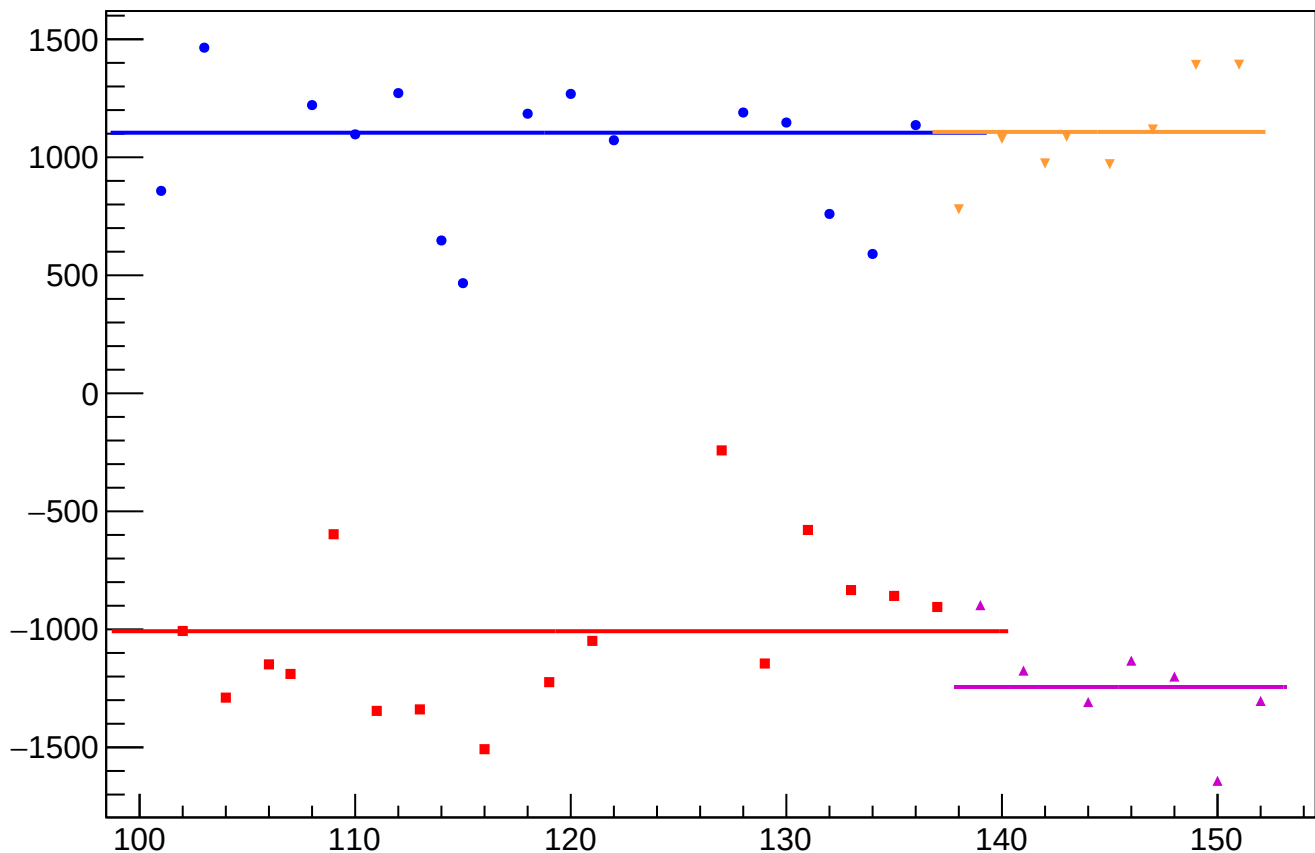
Right In: 4.025 ± 0.000 $\chi^2/\text{NDF}: 769001650442321928129473832550400.0/14$
 Left Out: 4.084 ± 0.000 $\chi^2/\text{NDF}: 548149642295418173554420151746560.0/7$
 Right Out: -3.819 ± 0.000 $\chi^2/\text{NDF}: 888232240226434329114859171479552.0/15$
 Left In: -4.184 ± 0.000 $\chi^2/\text{NDF}: 246284971167571696357242006667264.0/6$
 All: -0.009 ± 0.000 $\chi^2/\text{NDF}: 4308889883695$

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



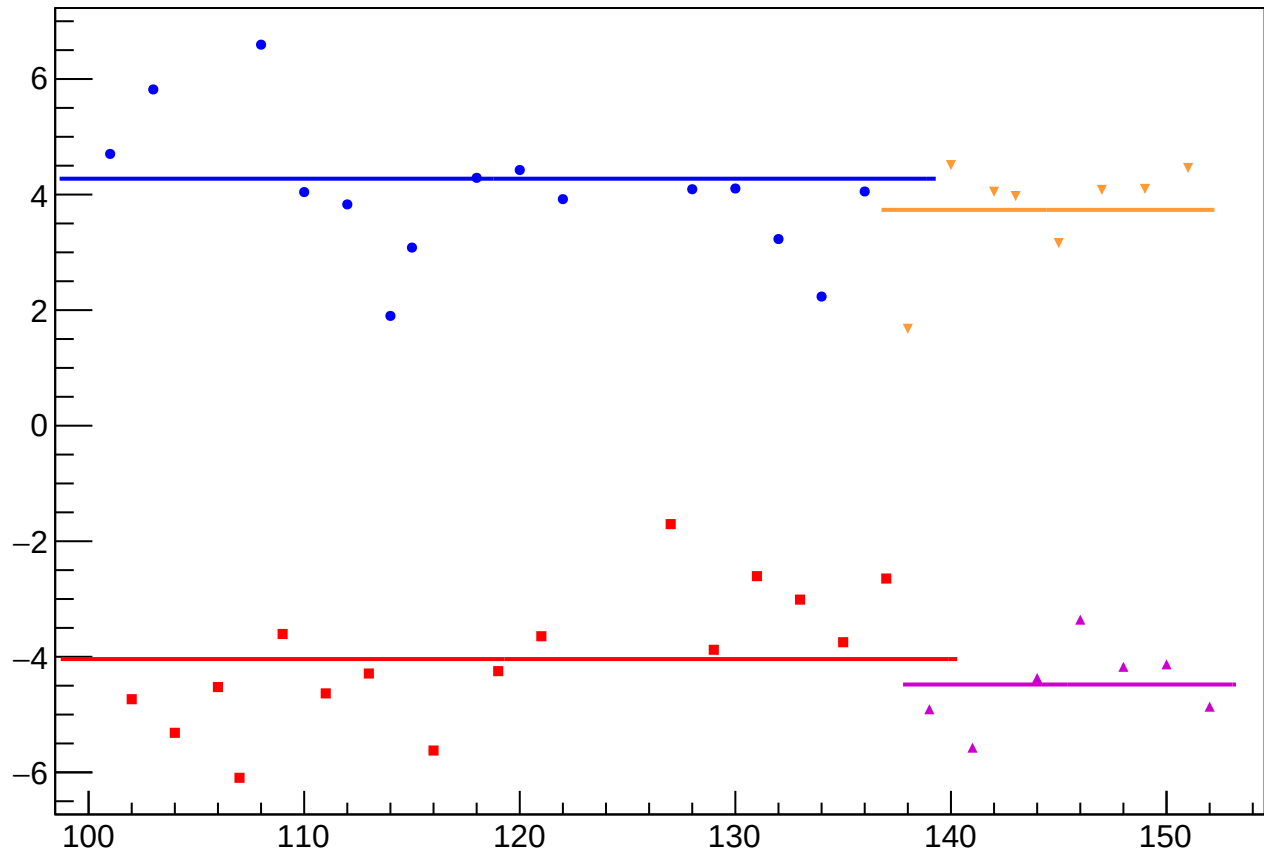
Right In: 0.839 ± 0.000 $\chi^2/\text{NDF}: 258416025334615661521163083841536.0/14$
 Left Out: 0.396 ± 0.000 $\chi^2/\text{NDF}: 5814960192303215199290071711744.0/7$
 Right Out: -0.844 ± 0.000 $\chi^2/\text{NDF}: 252917509393432760240648918925312.0/15$
 Left In: -0.397 ± 0.000 $\chi^2/\text{NDF}: 1090604665866244330487950606336.0/6$
 All: -0.009 ± 0.000 $\chi^2/\text{NDF}: 1636490784142$

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



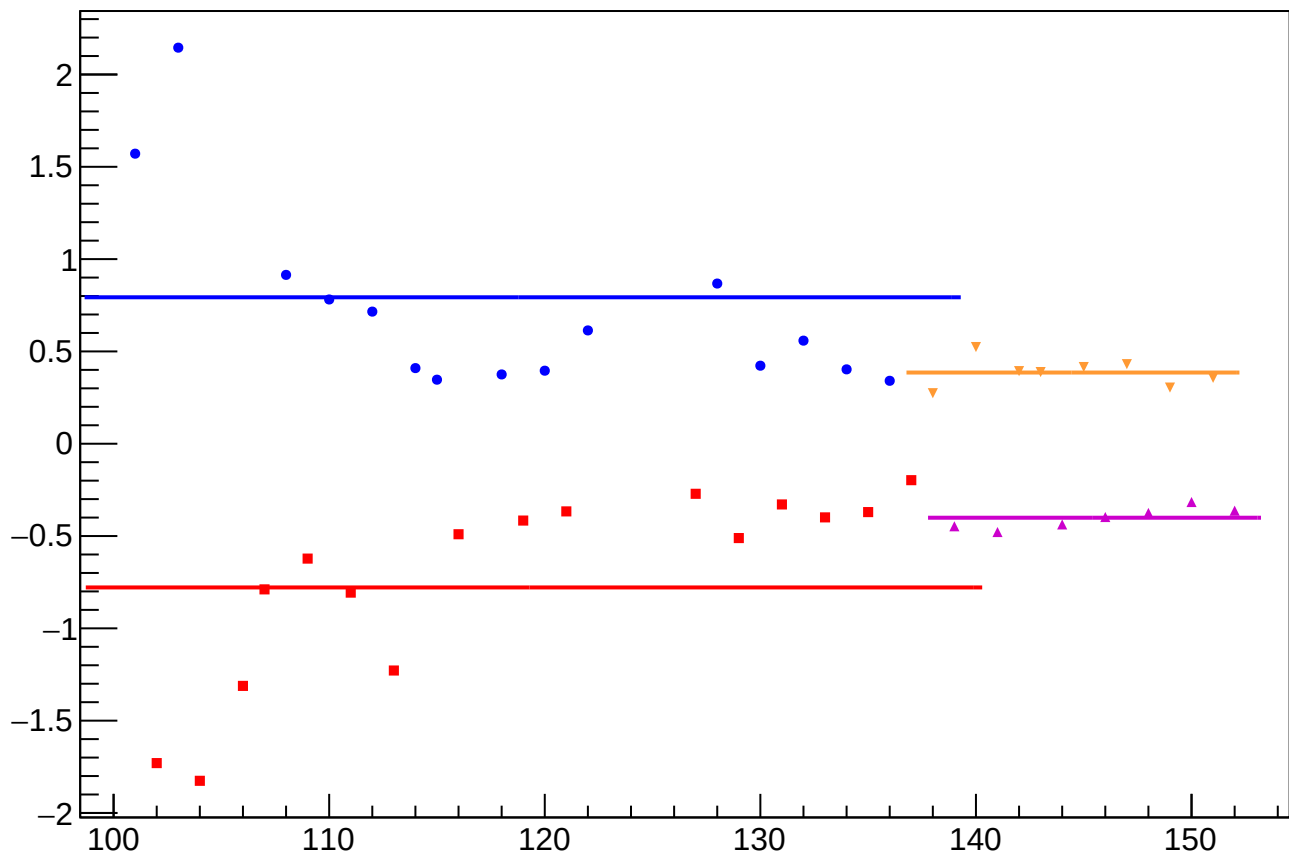
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 +/- 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 +/- 0.000 χ^2/NDF : 327611110286

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.736+/-0.000 χ^2/NDF : 475692269525624777960914151276544.0/7
 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: -0.157+/-0.000 χ^2/NDF : 4509763861181

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.793+/-0.000

χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.386+/-0.000

χ^2/NDF : 3399740022382536325663134056448.0/7

Right Out: -0.778+/-0.000

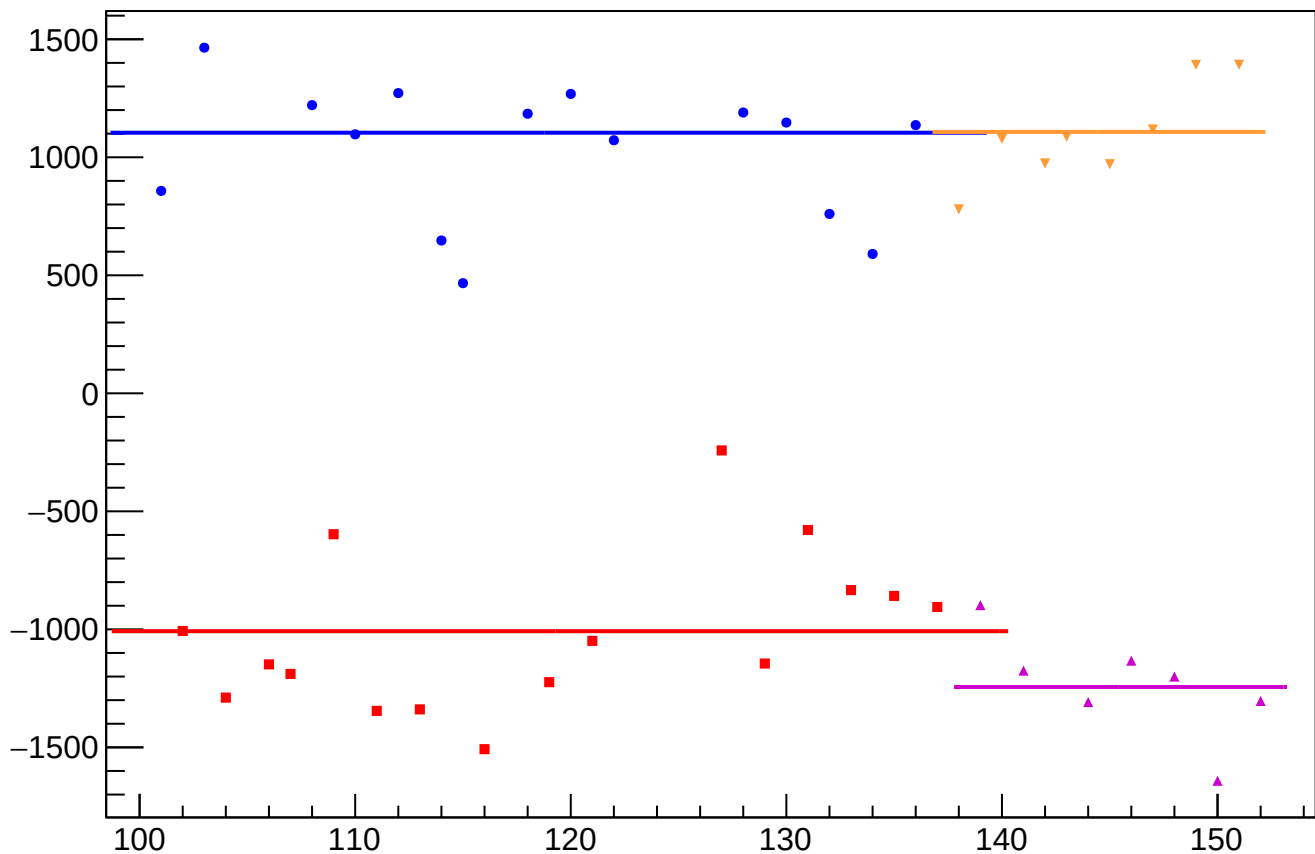
χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: -0.401+/-0.000

χ^2/NDF : 1644406090397348197559668047872.0/6

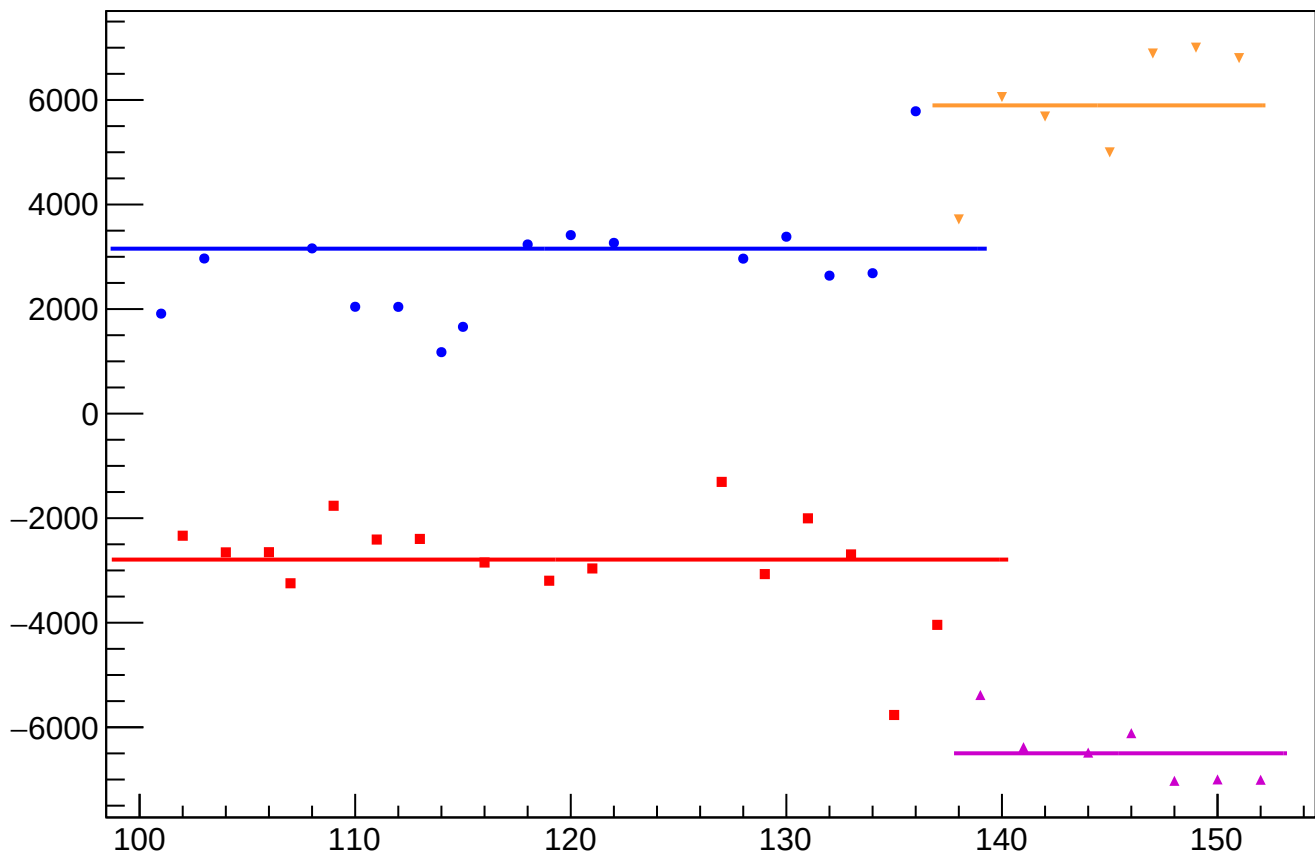
Left: -0.010+/-0.000 χ^2/NDF : 18950264737451532
 Right: -0.003+/-0.000 χ^2/NDF : 1193841006449656
 In: 0.220+/-0.000 χ^2/NDF : 6416444145038432905
 Out: -0.231+/-0.000 χ^2/NDF : 61458900598929209
 All: -0.006+/-0.000 χ^2/NDF : 1383370384904

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



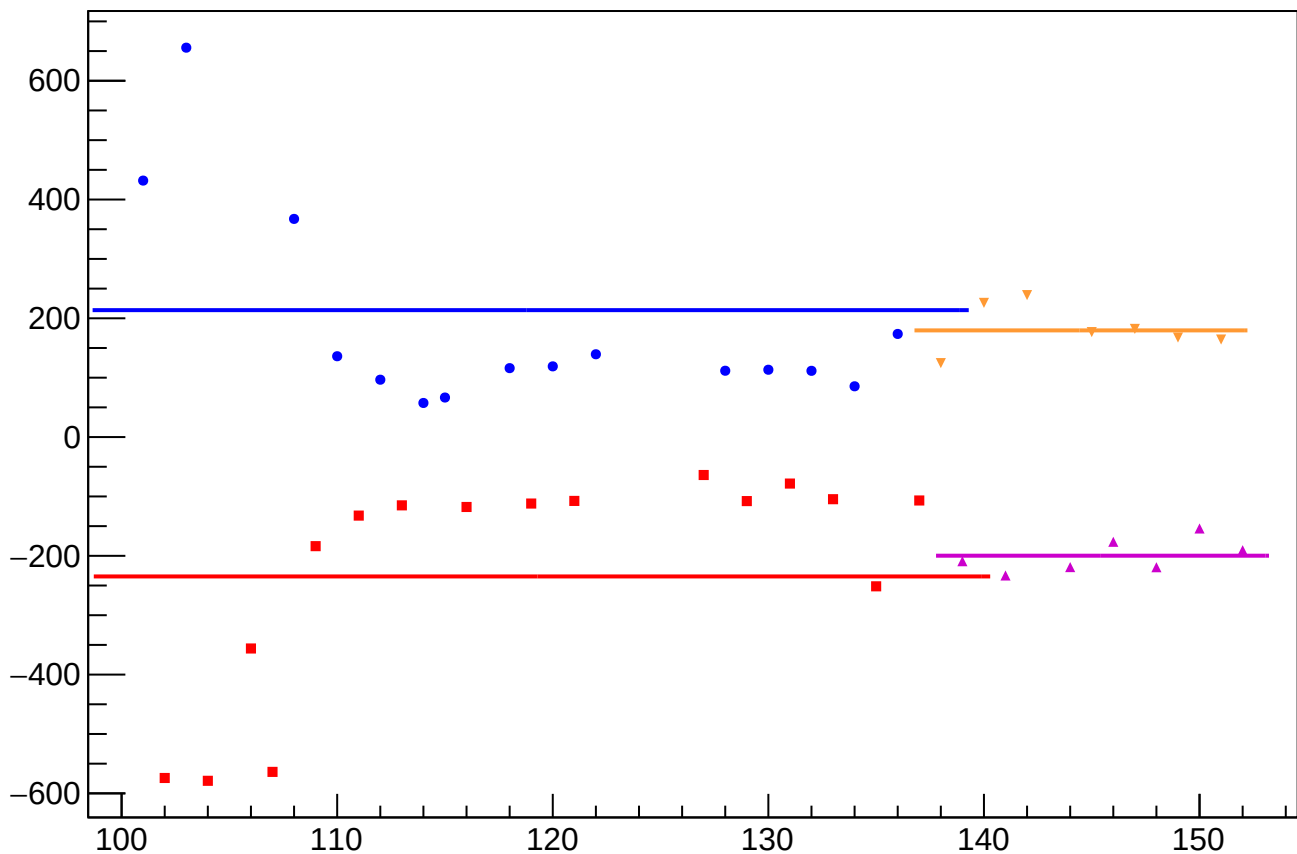
Left: -75.288 +/- 0.000 χ^2/NDF : 1699600919652182
 Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 Left Out: 1107.442 +/- 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 In: -23.990 +/- 0.000 χ^2/NDF : 17784291707389582
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -12.349 +/- 0.000 χ^2/NDF : 1497596942282876
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 +/- 0.000 χ^2/NDF : 327611110286

dit_usl_coil3_mean vs Slug, Sign Corrected



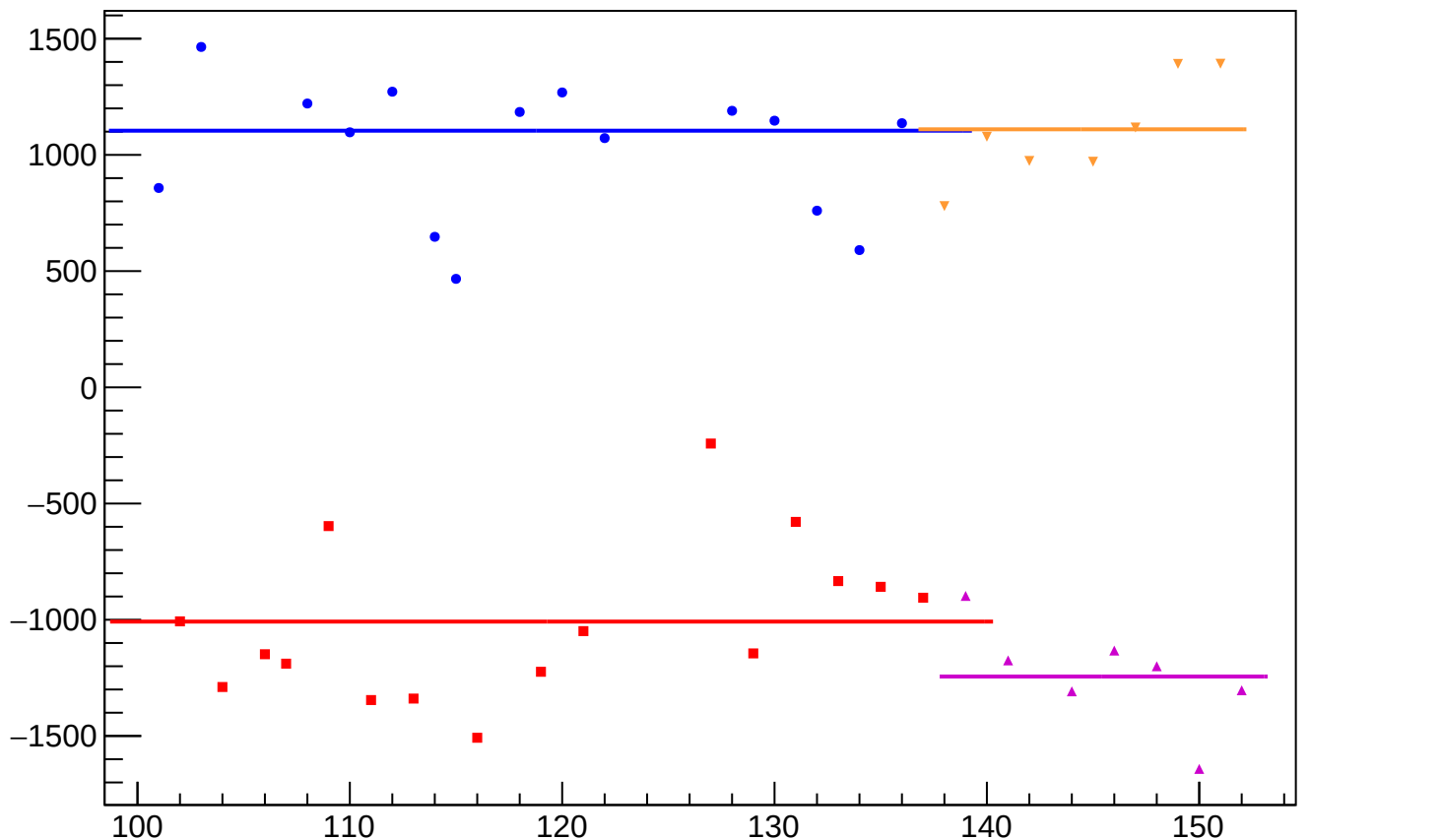
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5896.569+/-0.000 χ^2/NDF : 682974207476806603443406836395929501696.0/6
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6498.265+/-0.000 χ^2/NDF : 182441851917333797875479018022767689728.0/6
 All: -250.579+/-0.000 χ^2/NDF : 57577802712

dit_usl_coil3_err_mean vs Slug, Sign Corrected



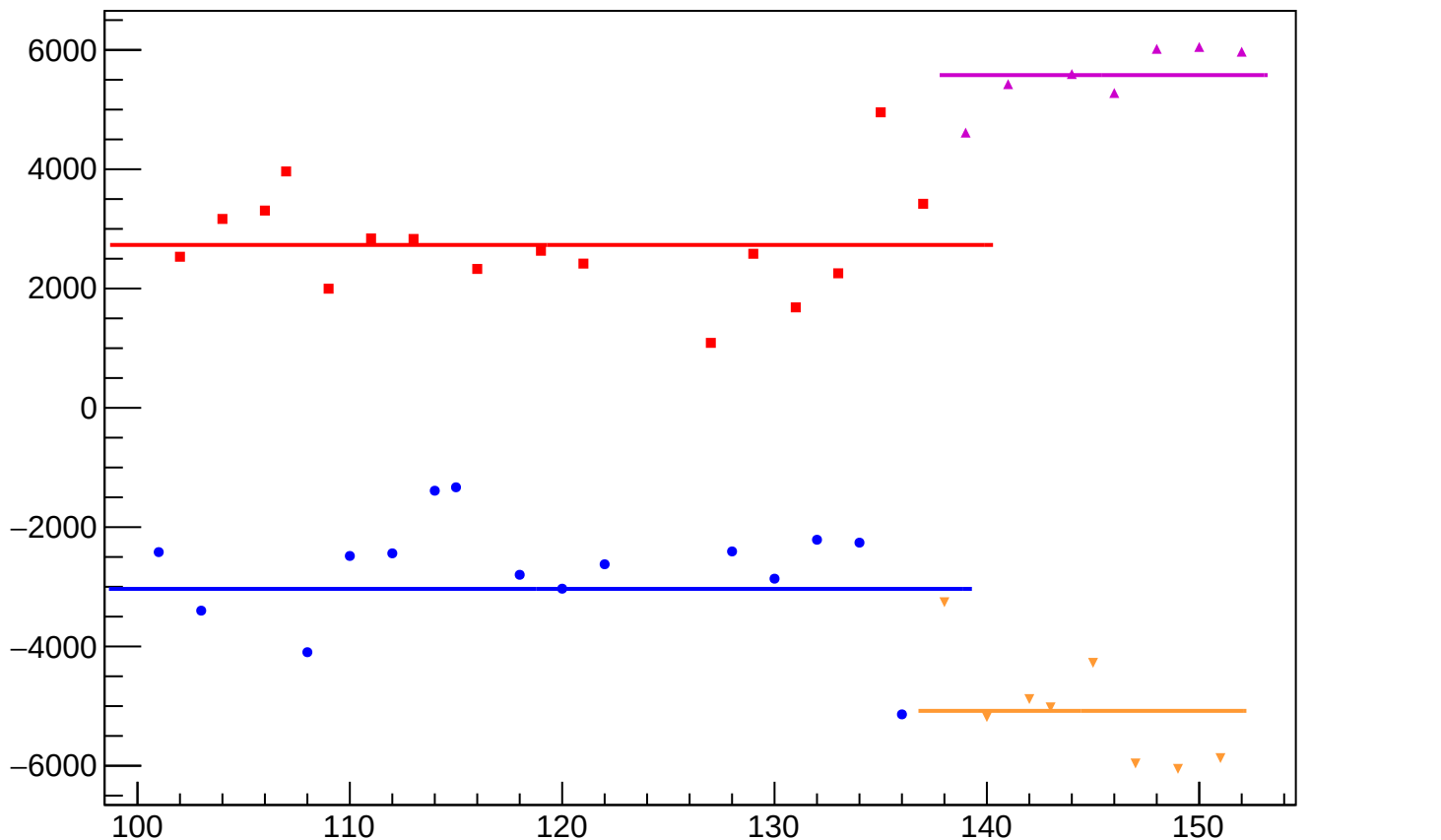
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 179.638+/-0.000 χ^2/NDF : 607028240673598925039992001192263680.0/6
 Right Out: -234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: -199.772+/-0.000 χ^2/NDF : 410013449376239999199286973526179840.0/6
 All: -17.695+/-0.000 χ^2/NDF : 151297168059

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1110.038 $\pm$ 0.000 χ^2 /NDF: 23820711974009961230186264596095959040.0/6
 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: -48.467 $\pm$ 0.000 χ^2 /NDF: 319202690738

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -5079.604+/-0.000

Right Out: 2731.035+/-0.000

Left In: 5577.924+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 502433588296527322846721746349557022720.0/7

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 134629416696297493237368804511395610624.0/6

Left: 280.427+/-0.000 χ^2/NDF : 3451200013152269

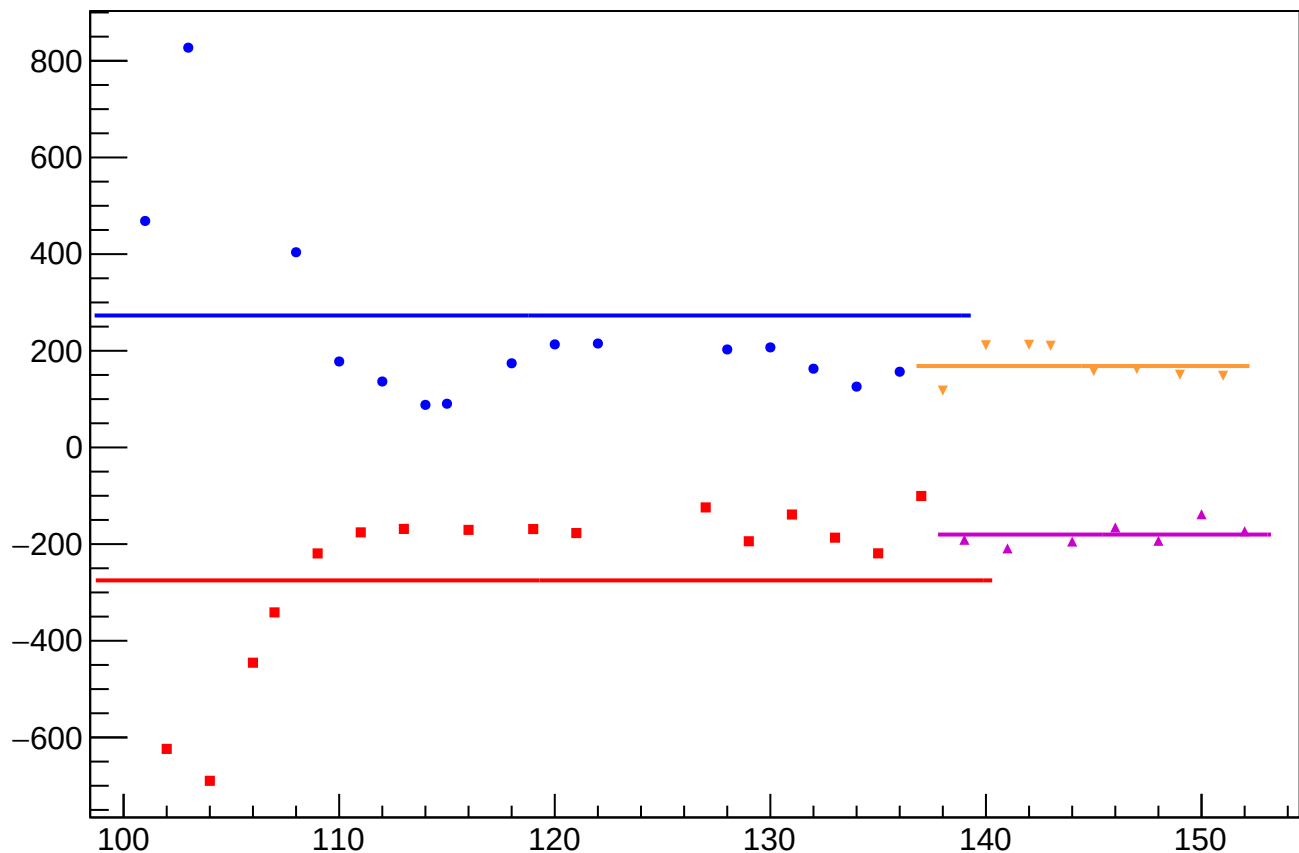
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: 1102.759+/-0.000 χ^2/NDF : 2389060775911630

Out: -944.925+/-0.000 χ^2/NDF : 201813565937708

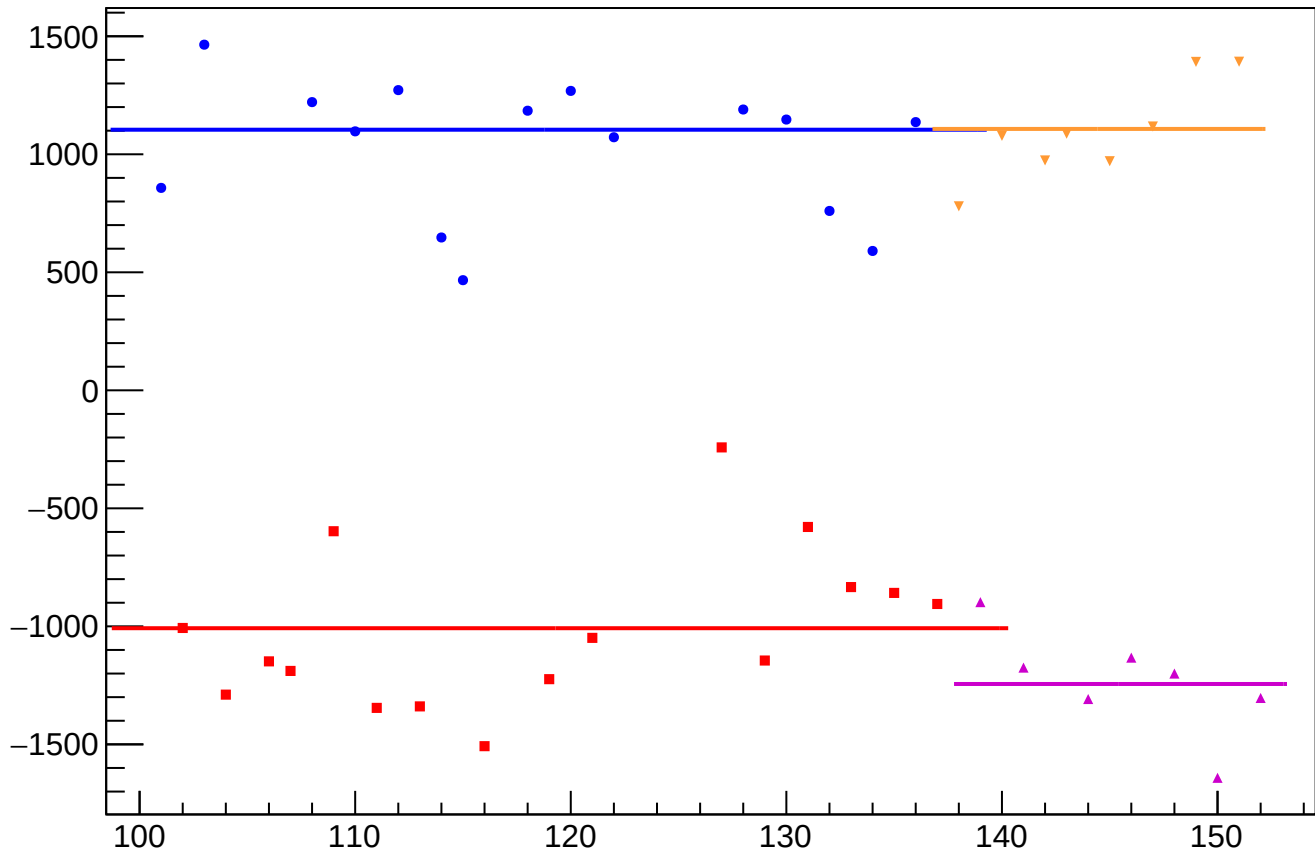
All: 74.428+/-0.000 χ^2/NDF : 4670197917305

dit_usr_coil3_err_mean vs Slug, Sign Corrected



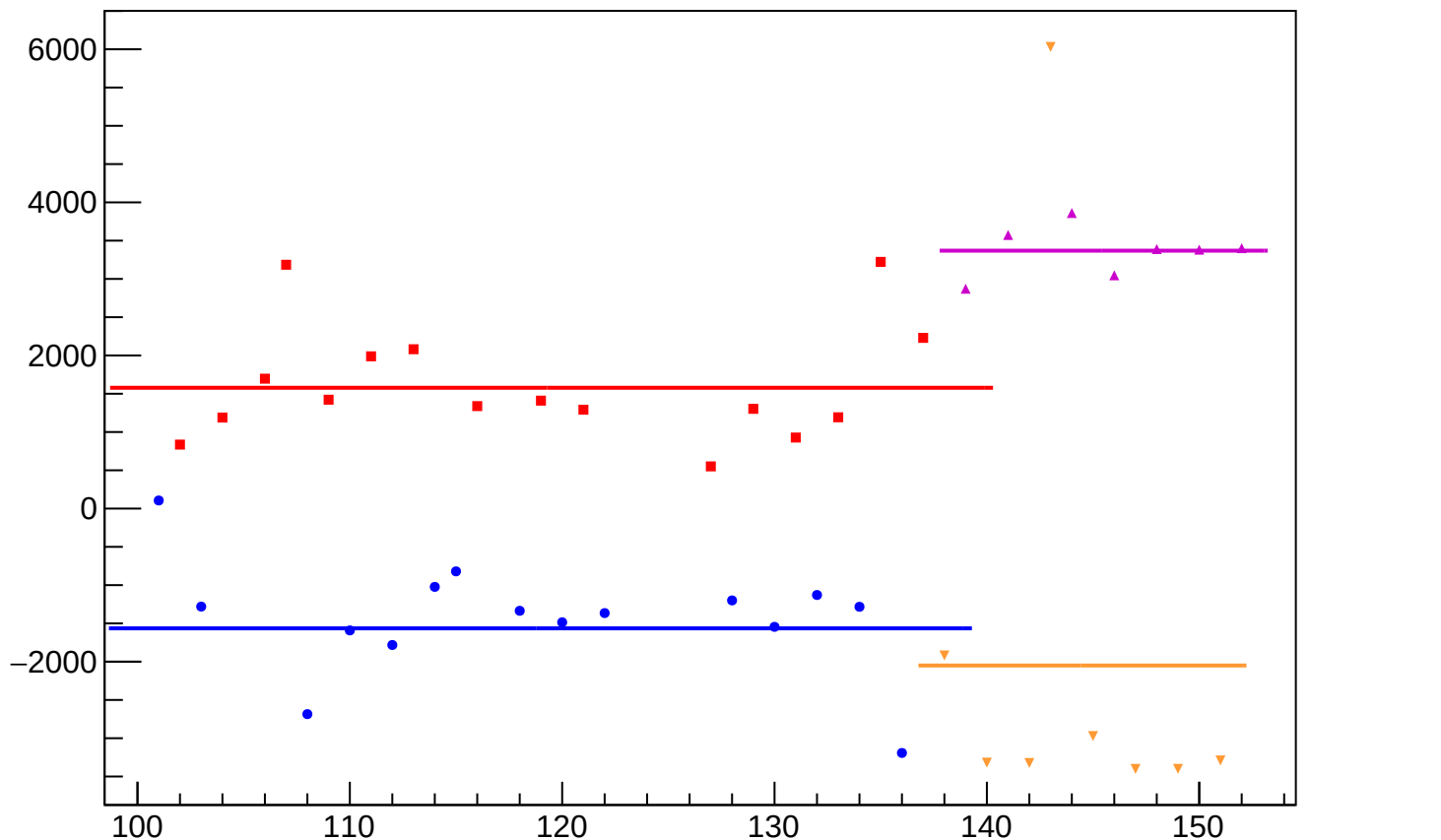
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 168.428+/-0.000 χ^2/NDF : 630852861593816082569065692829581312.0/7
 Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: -180.231+/-0.000 χ^2/NDF : 295083494301163874733846234107215872.0/6
 All: -5.784+/-0.000 χ^2/NDF : 1847456657435

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: -75.288+/-0.000	χ^2/NDF : 1699600919652182
Left Out: 1107.442+/-0.000	χ^2/NDF : 23852091216105256312132421151050694656.0/7	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: -12.349+/-0.000	χ^2/NDF : 1497596942282876
	All: -18.144+/-0.000	χ^2/NDF : 327611110286	

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595 +/- 0.000

Left Out: -2050.004 +/- 0.000

Right Out: 1578.178 +/- 0.000

Left In: 3369.090 +/- 0.000

Left: 675.441 +/- 0.000 χ^2/NDF : 1387748050908195

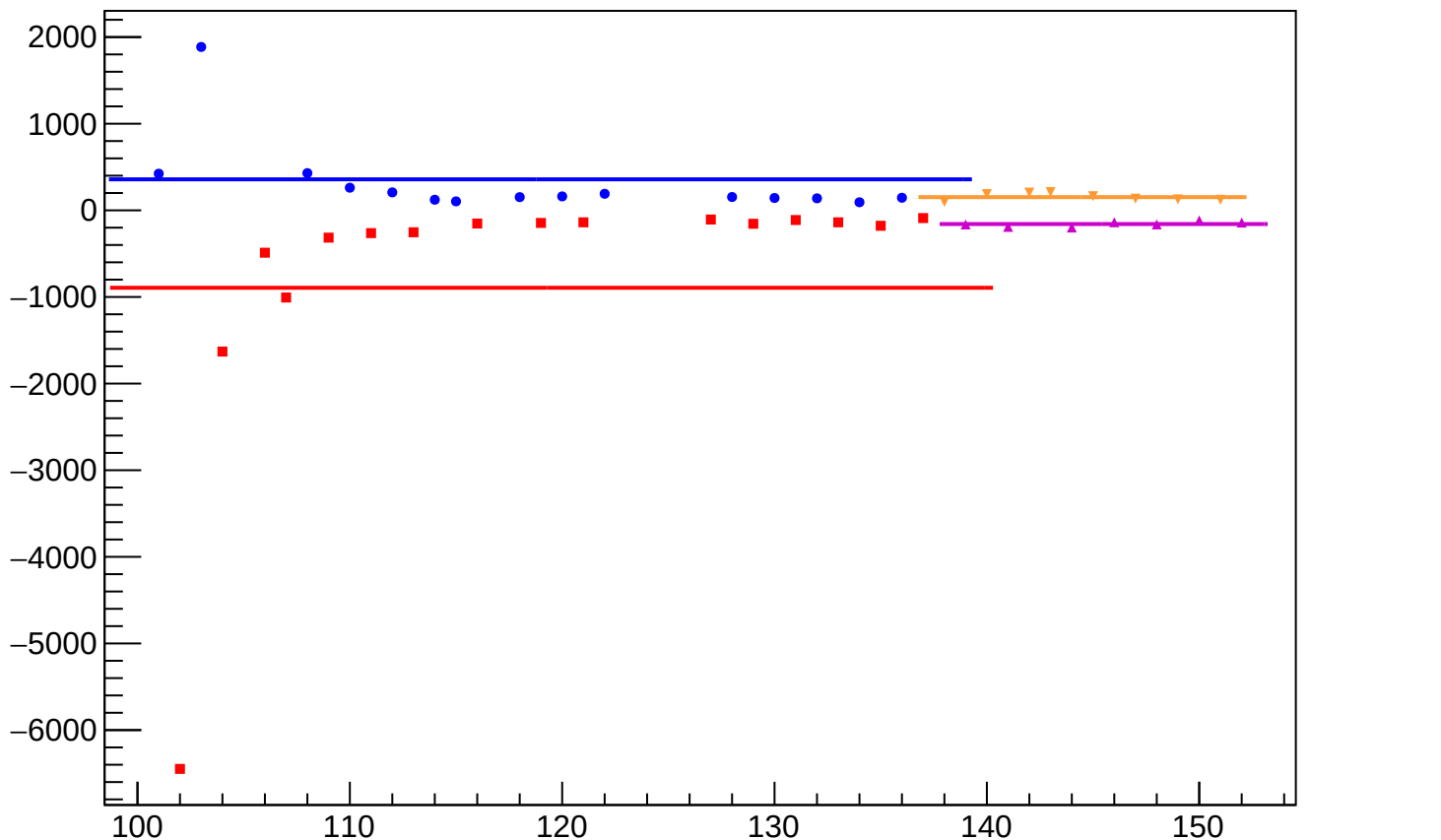
Right: 28.285 +/- 0.000 χ^2/NDF : 4101258280925694

In: 805.470 +/- 0.000 χ^2/NDF : 8126627540009082

Out: -129.371 +/- 0.000 χ^2/NDF : 956601918169224

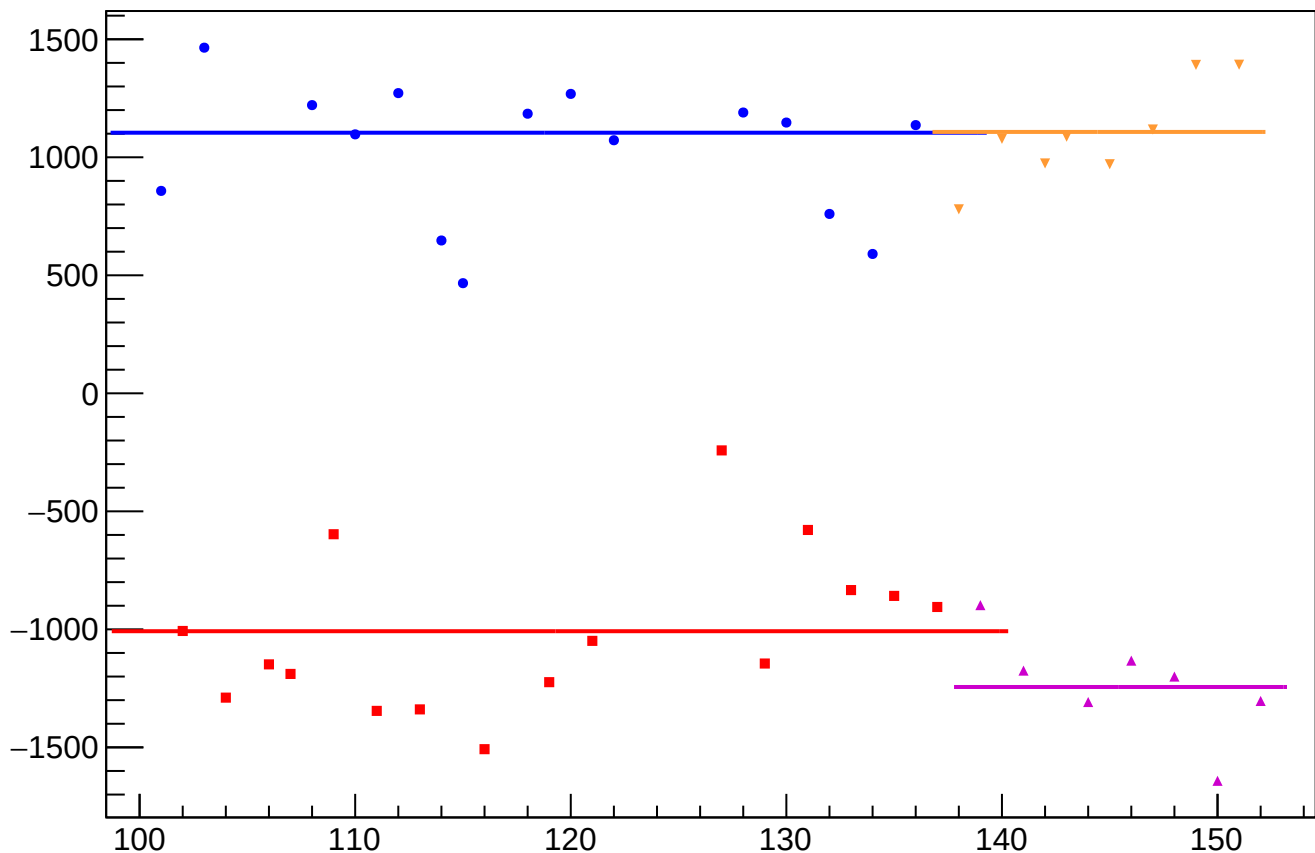
All: 336.000 +/- 0.000 χ^2/NDF : 182408072762

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



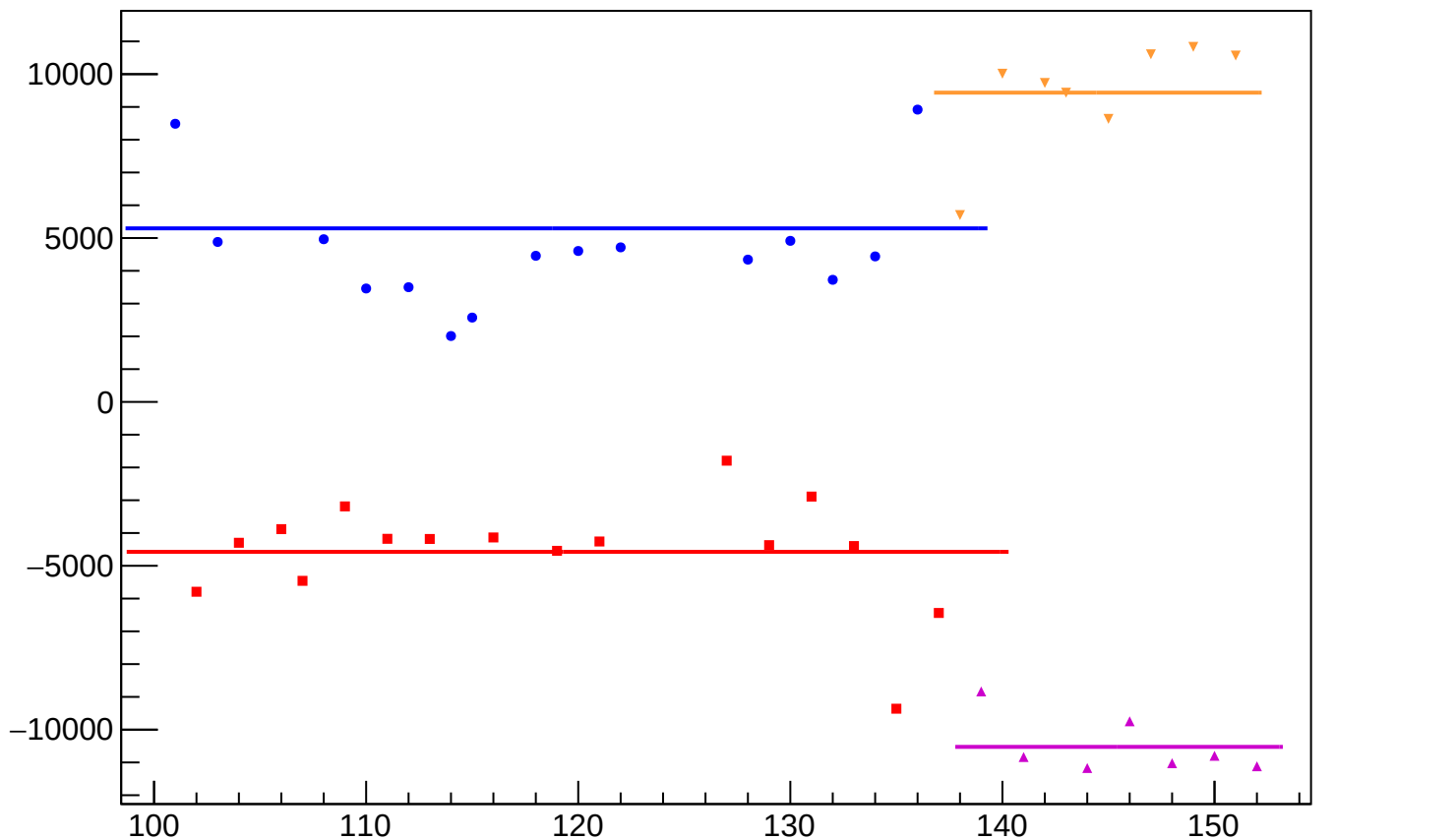
Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 152.394 +/- 0.000 χ^2/NDF : 857261702215998698874914267555954688.0/7
 Right Out: -893.897 +/- 0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: -158.170 +/- 0.000 χ^2/NDF : 457816092756946383433859450309443584.0/6
 All: -146.819 +/- 0.000 χ^2/NDF : 28260401831

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



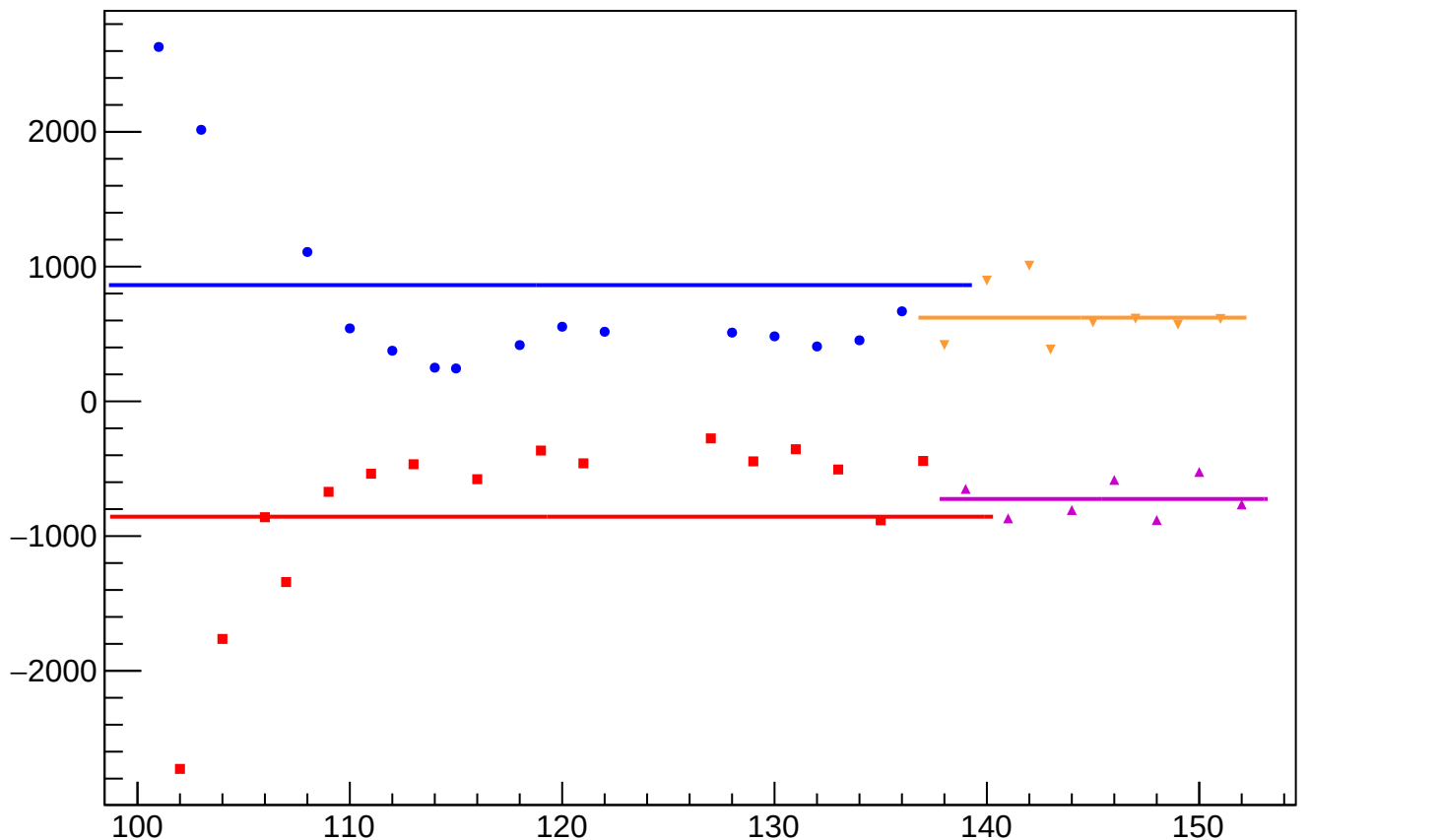
Left: -75.288 +/- 0.000 χ^2/NDF : 1699600919652182
 Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 Left Out: 1107.442 +/- 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 In: -23.990 +/- 0.000 χ^2/NDF : 17784291707389582
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -12.349 +/- 0.000 χ^2/NDF : 1497596942282876
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 +/- 0.000 χ^2/NDF : 327611110286

dit_atl2_coil3_mean vs Slug, Sign Corrected



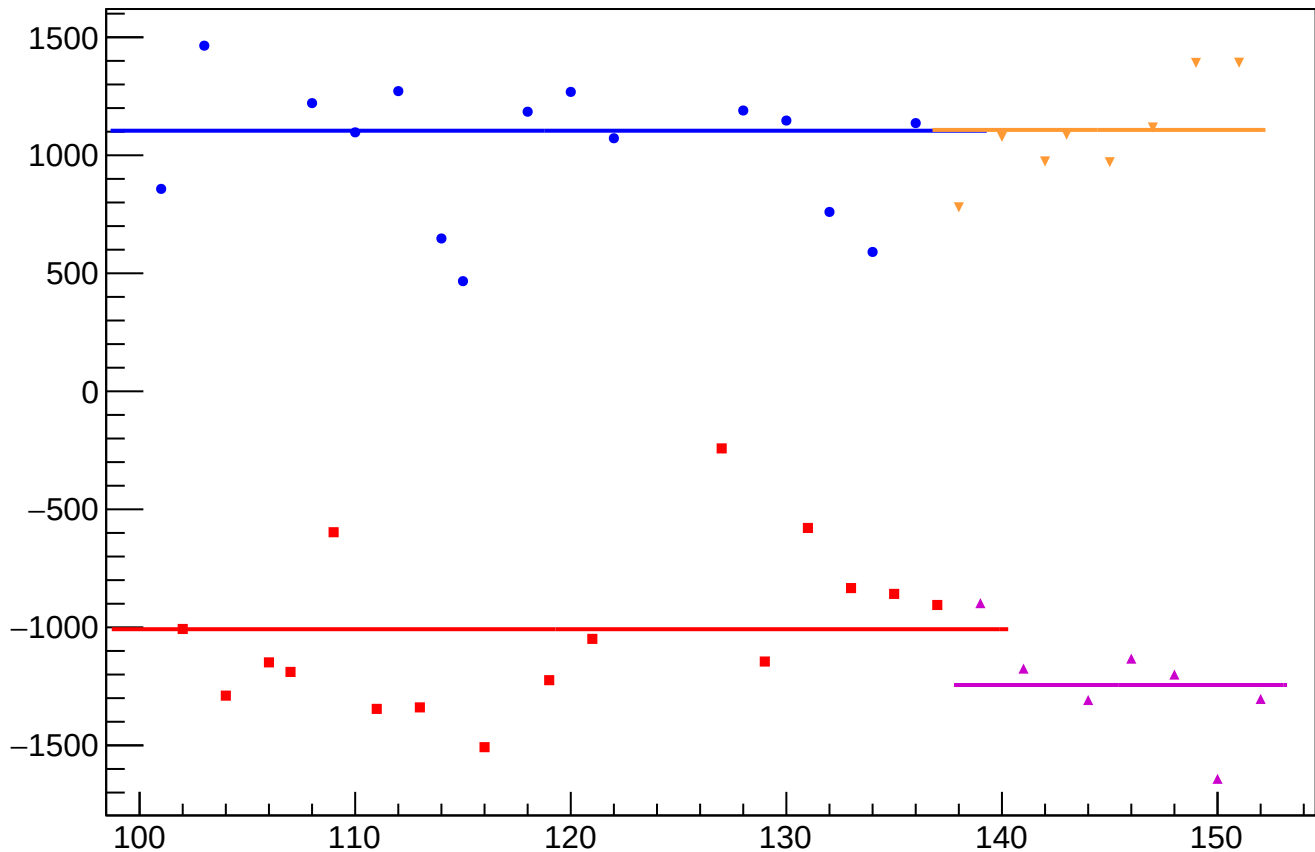
Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9436.488+/-0.000 χ^2/NDF : 1540663120877803113331215832365188251648.0/7
 Right Out: -4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: -10525.063+/-0.000 χ^2/NDF : 385459350295087065276699399206616432640.0/6
 All: -133.175+/-0.000 χ^2/NDF : 15768355129

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



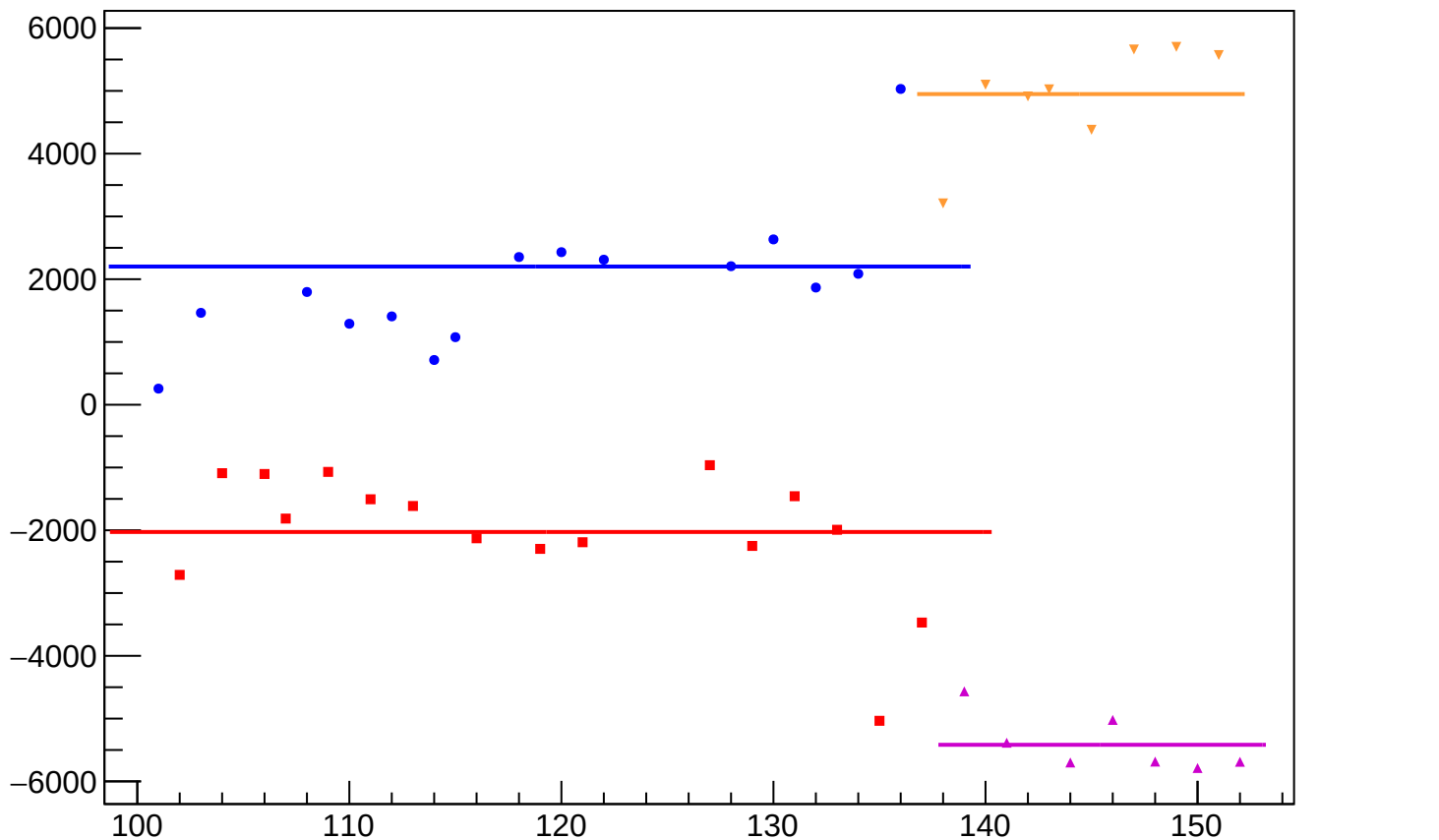
Right In: 862.683 +/- 0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14
 Left Out: 621.136 +/- 0.000 χ^2/NDF : 20371886520125555813203429740404277248.0/7
 Right Out: -856.059 +/- 0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15
 Left In: -724.643 +/- 0.000 χ^2/NDF : 10336402119676449180931035923595919360.0/6
 All: -30.914 +/- 0.000 χ^2/NDF : 220884154894

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



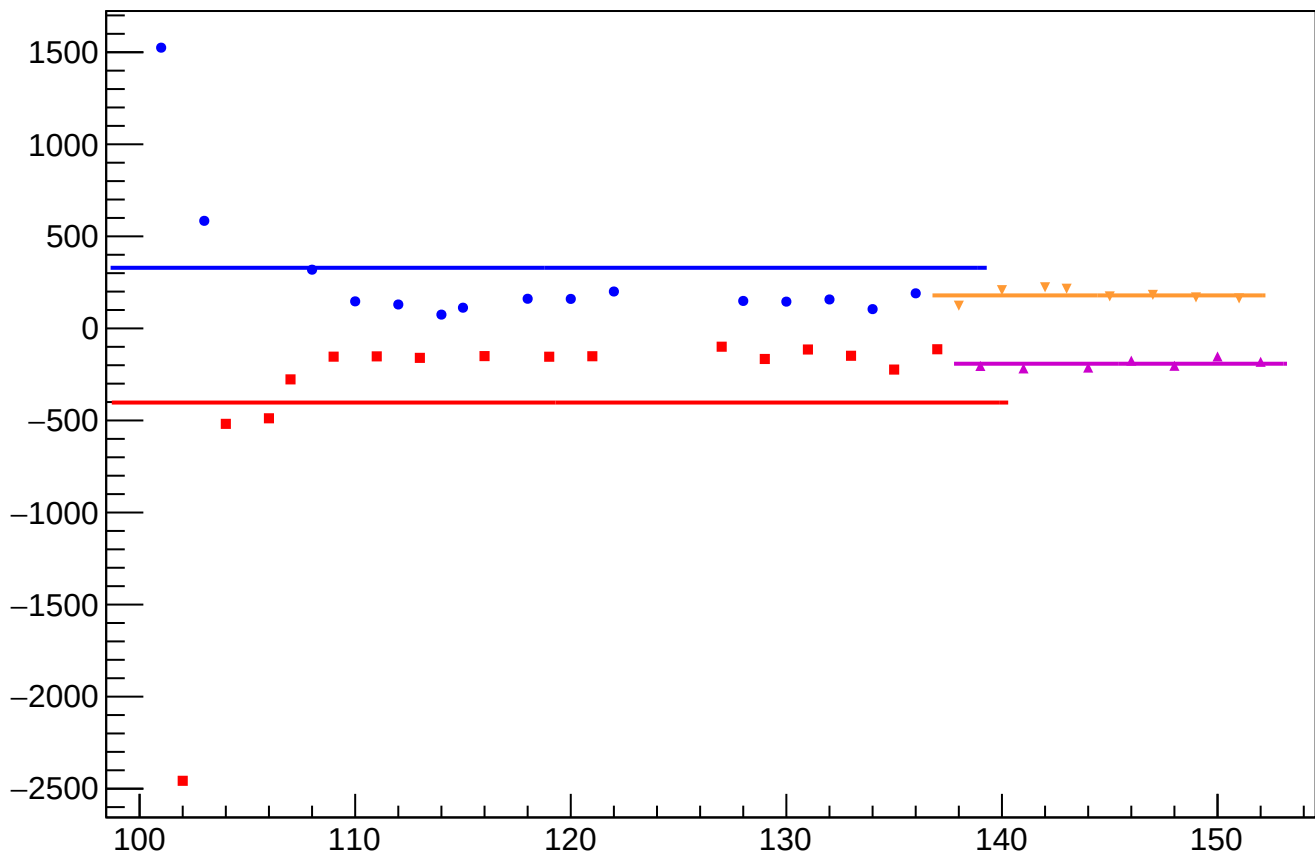
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: -18.144 $\pm$ 0.000 χ^2 /NDF: 327611110286

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844 ± 0.000 $\chi^2/\text{NDF}: 1086544775216266395419904724422998622208.0/14$
 Left Out: 4949.203 ± 0.000 $\chi^2/\text{NDF}: 381522288113617852896322759807679332352.0/7$
 Right Out: -2026.969 ± 0.000 $\chi^2/\text{NDF}: 708626456603410705124518299956645199872.0/15$
 Left In: -5417.472 ± 0.000 $\chi^2/\text{NDF}: 103758477924992213889008764563576848384.0/6$
 All: -95.097 ± 0.000 $\chi^2/\text{NDF}: 402793297625$

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 329.229+/-0.000

χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 179.271+/-0.000

χ^2/NDF : 520777687449071632750177077411446784.0/7

Right Out: -402.690+/-0.000

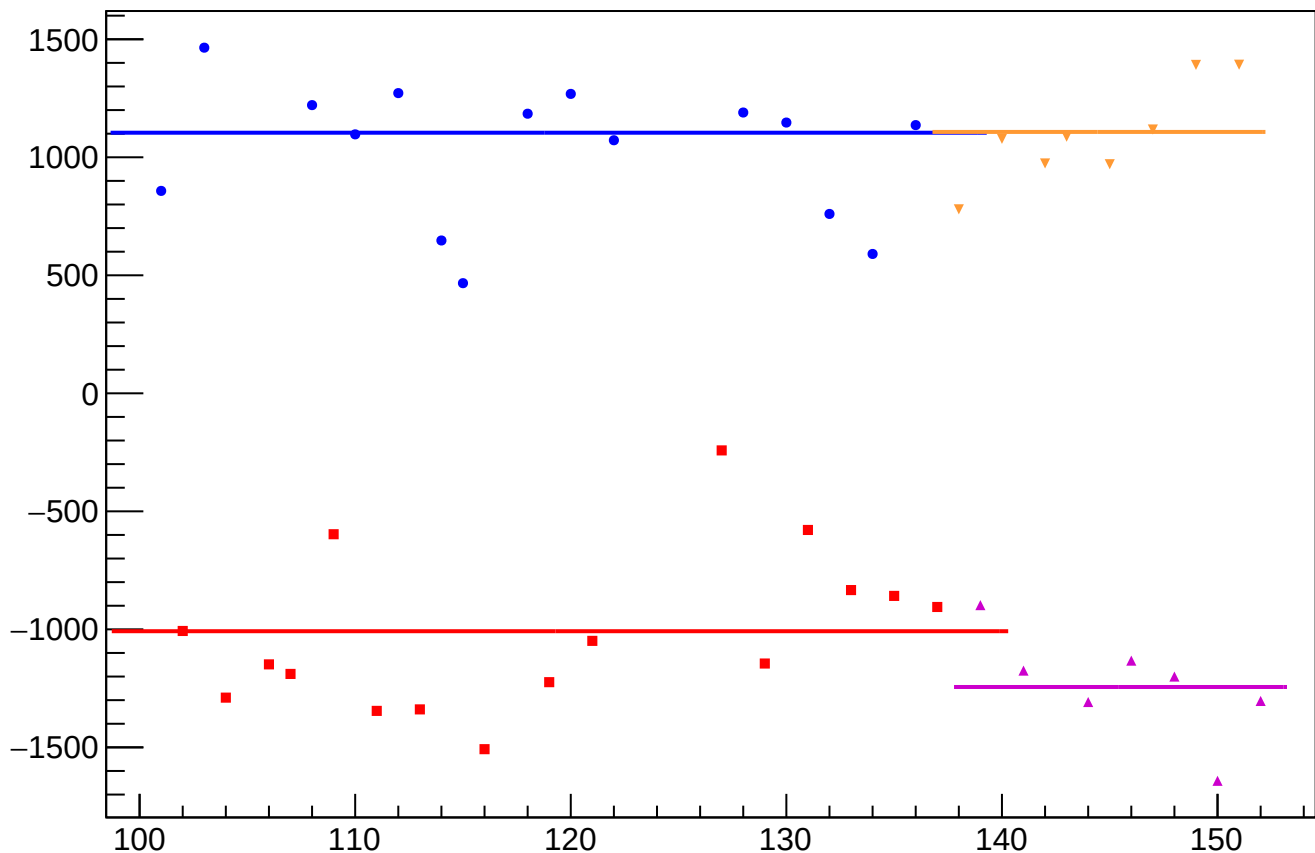
χ^2/NDF : 277636056793293374242116053515003494400.0/15

Left In: -191.858+/-0.000

χ^2/NDF : 290202139017692112452679403231510528.0/6

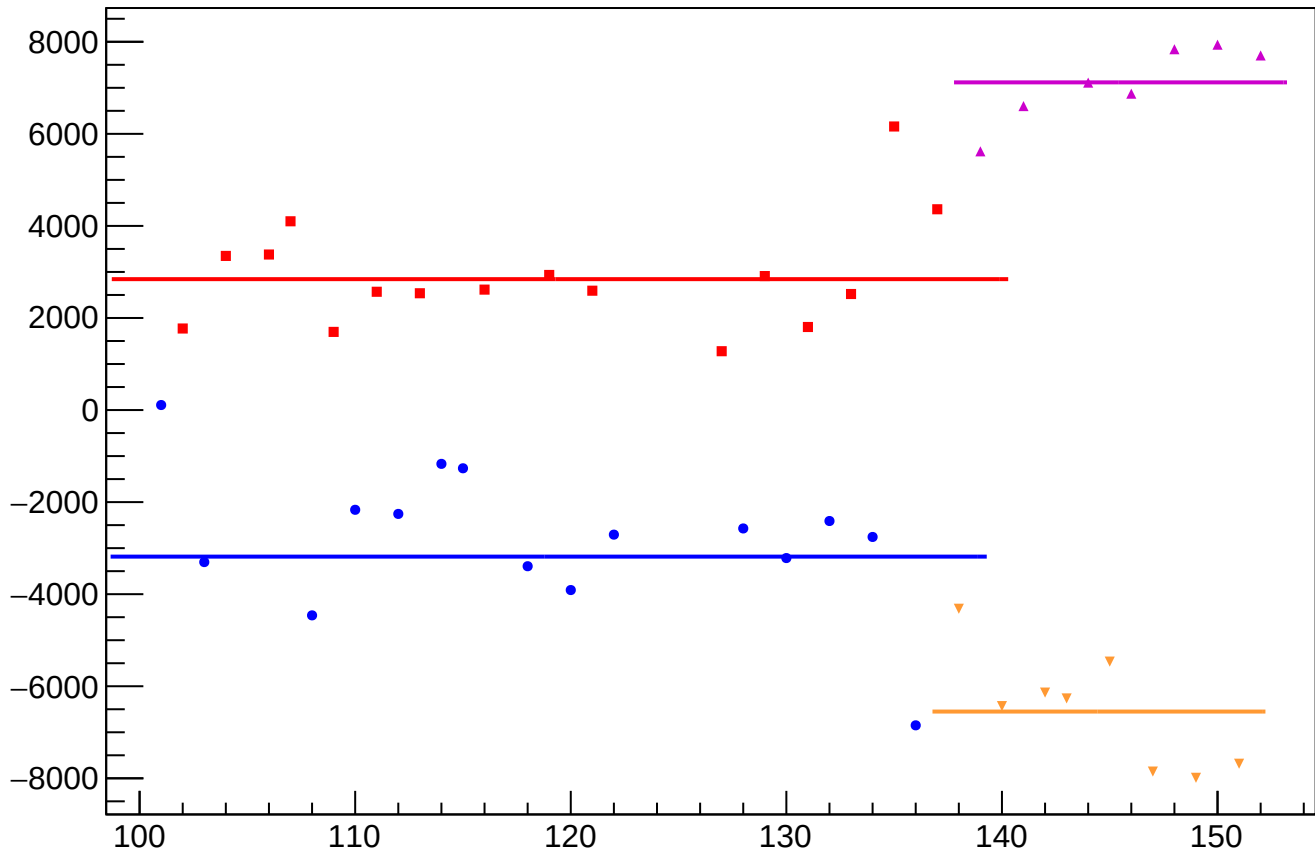
All: -25.401+/-0.000 χ^2/NDF : 599763335984

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -75.288 +/- 0.000 χ^2/NDF : 1699600919652182
 Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 Left Out: 1107.442 +/- 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 In: -23.990 +/- 0.000 χ^2/NDF : 17784291707389582
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -12.349 +/- 0.000 χ^2/NDF : 1497596942282876
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 +/- 0.000 χ^2/NDF : 327611110286

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

Left Out: -6549.891+/-0.000

Right Out: 2843.597+/-0.000

Left In: 7118.260+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

χ^2/NDF : 904200301376634338610021618565320278016.0/7

χ^2/NDF : 947077611563723244705531091944015396864.0/15

χ^2/NDF : 343638472469124405776132409179041169408.0/6

Left: 324.284+/-0.000 χ^2/NDF : 5696448956558686

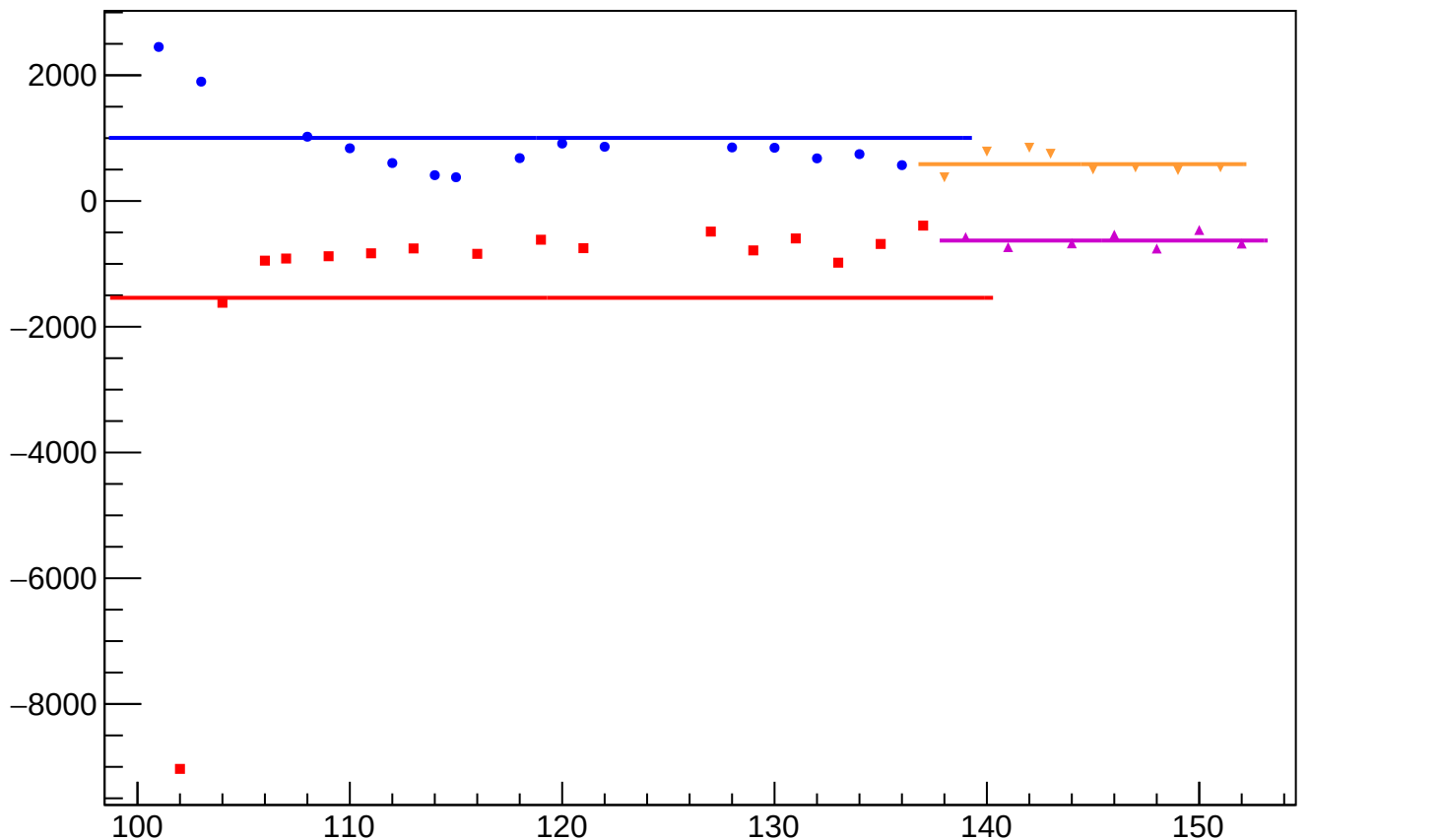
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: 1765.081+/-0.000 χ^2/NDF : 3556822947154872

Out: -1577.307+/-0.000 χ^2/NDF : 29550254344025

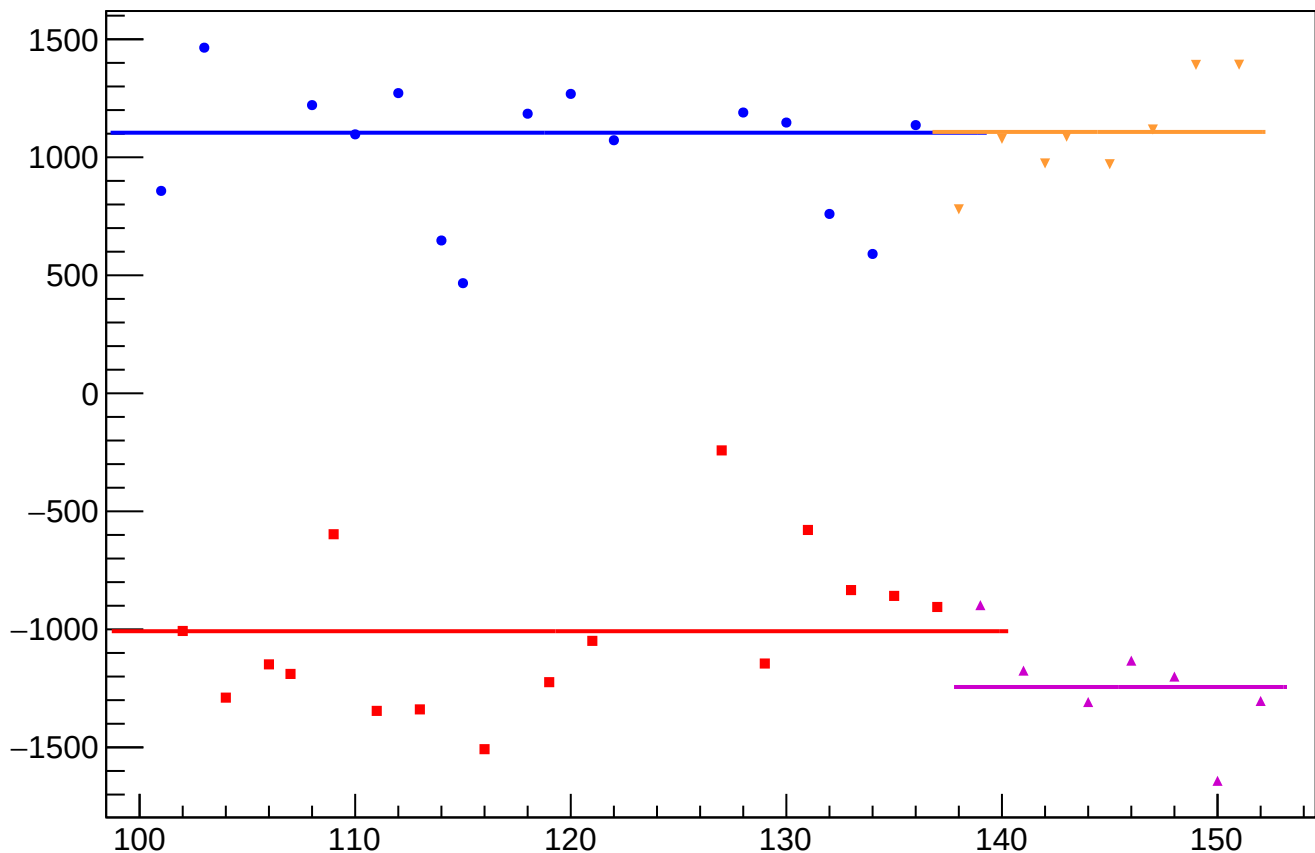
All: 86.560+/-0.000 χ^2/NDF : 7212570796095

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



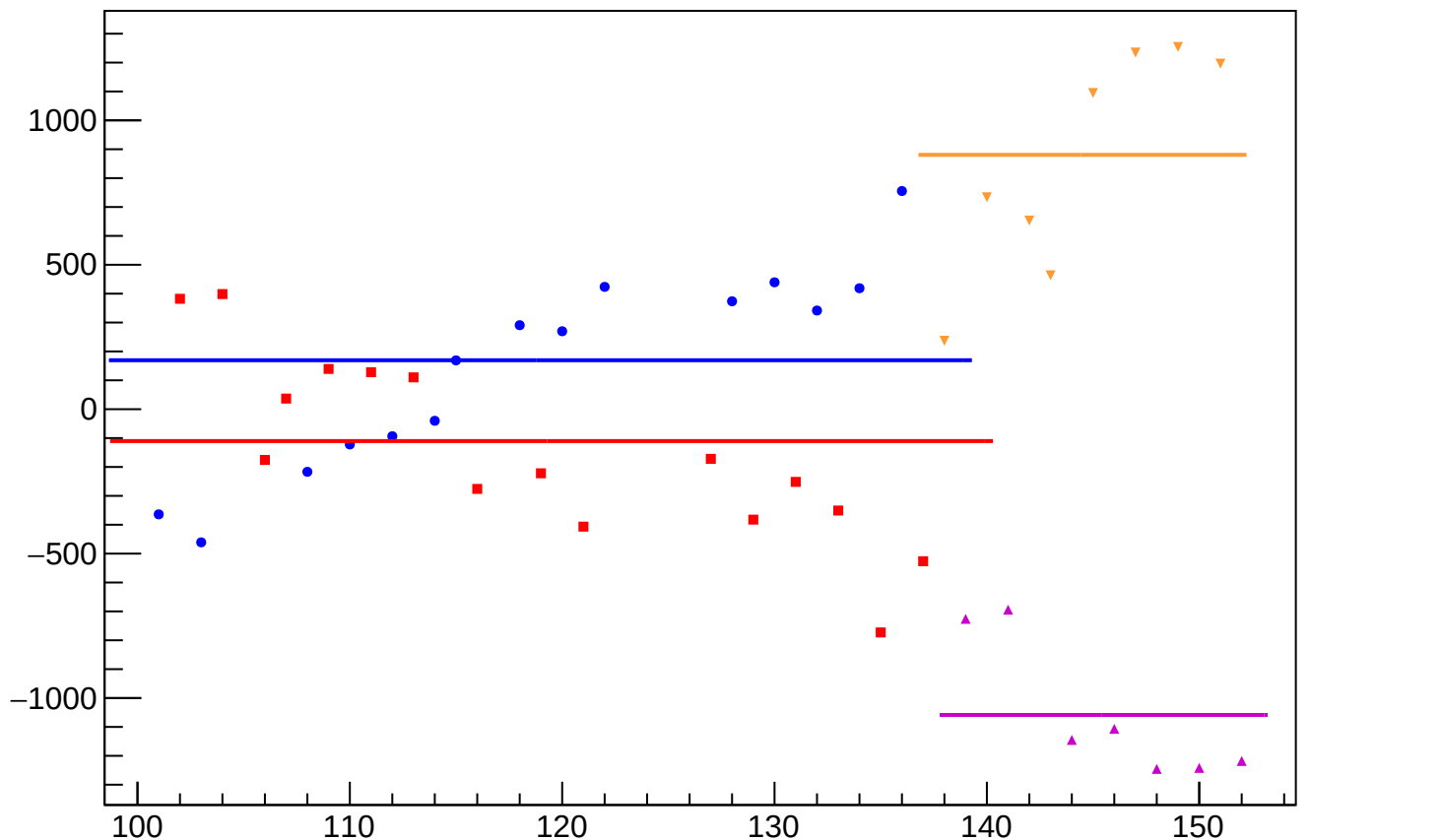
Right In: 1003.407 $\pm$ 0.000 χ^2 /NDF: 219815257294811198811064619822196195328.0/14
 Left Out: 586.154 $\pm$ 0.000 χ^2 /NDF: 13456778039258799671991190217476276224.0/7
 Right Out: -1539.568 $\pm$ 0.000 χ^2 /NDF: 3614774785297482293145354574125437288448.0/15
 Left In: -629.123 $\pm$ 0.000 χ^2 /NDF: 6196570237293645777860811194508509184.0/6
 All: -161.644 $\pm$ 0.000 χ^2 /NDF: 64643041738

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7
 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: -18.144 $\pm$ 0.000 χ^2 /NDF: 327611110286

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 169.489+/-0.000

χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 880.590+/-0.000

χ^2/NDF : 81031420838930472211575079633621614592.0/7

Right Out: -110.289+/-0.000

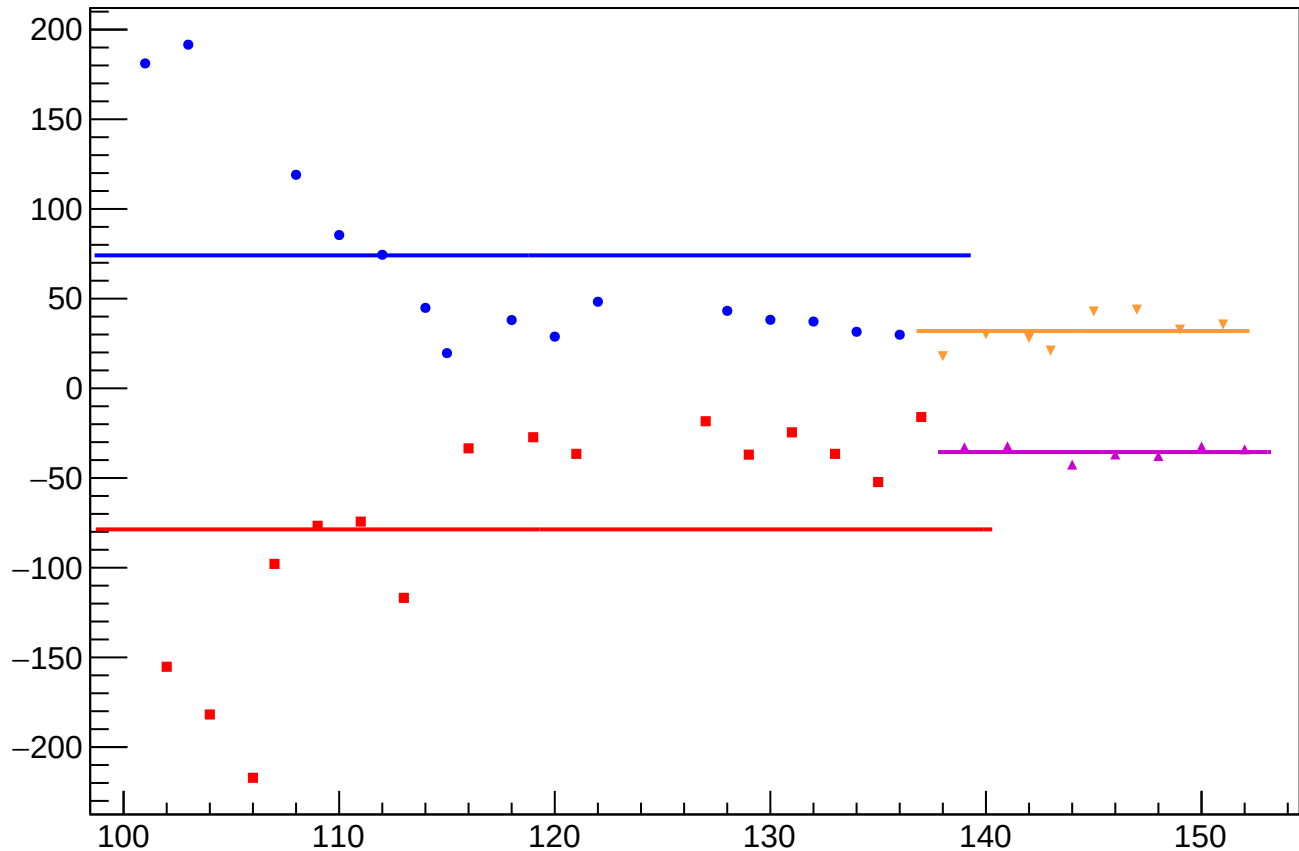
χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: -1058.480+/-0.000

χ^2/NDF : 29304324470853302416929320280063475712.0/6

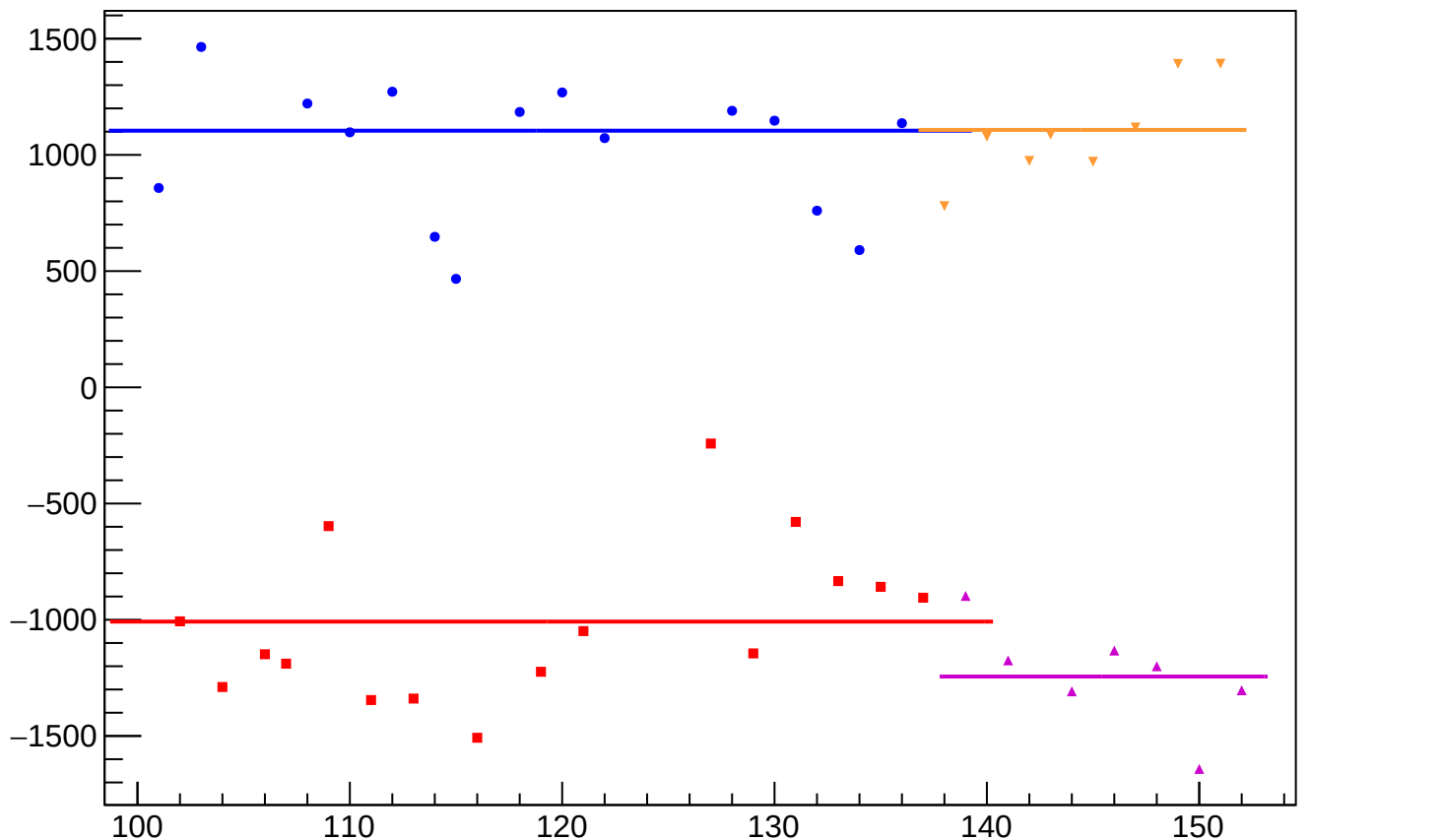
All: -30.475+/-0.000 χ^2/NDF : 143403172835

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



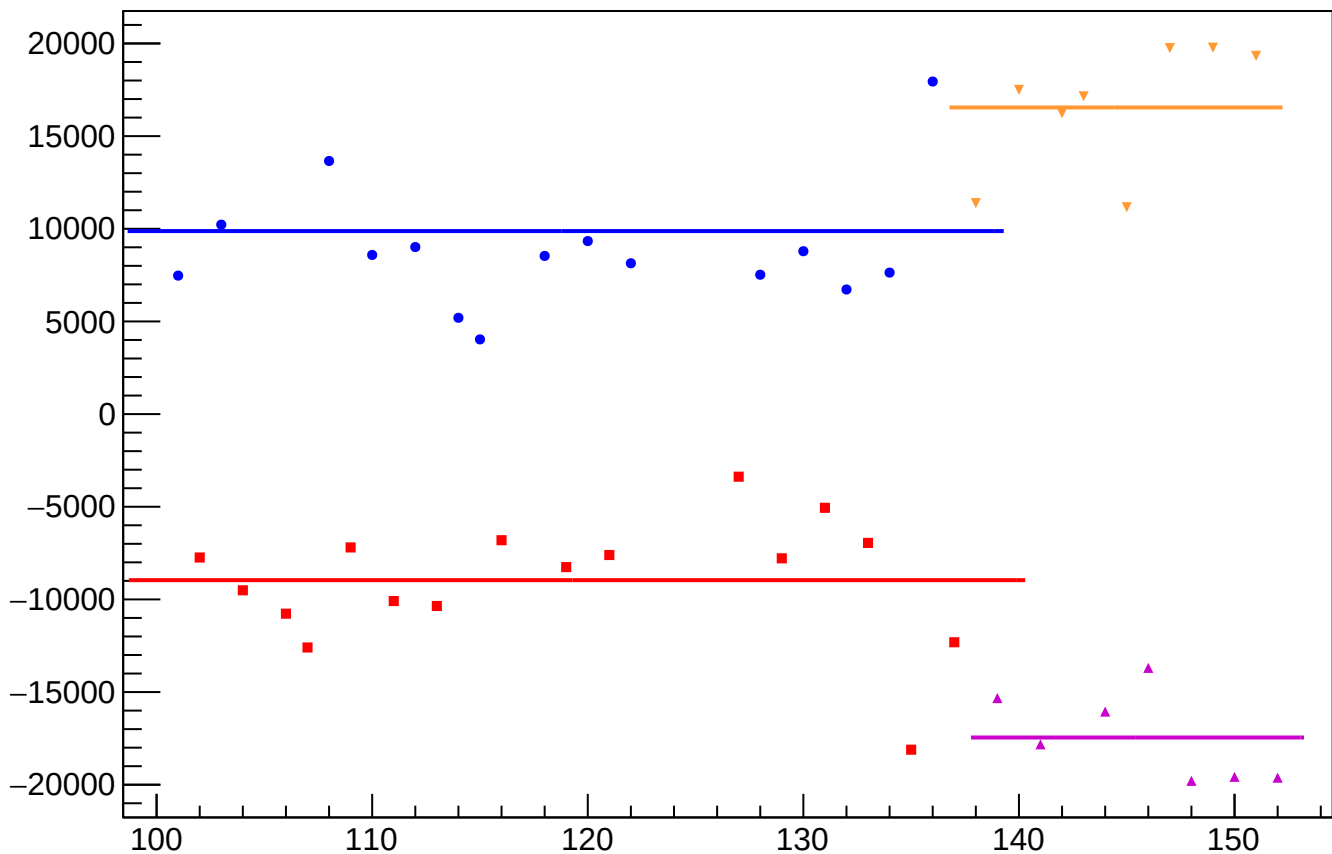
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.947+/-0.000 χ^2/NDF : 46180123353971970597228692417544192.0/7
 Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: -35.528+/-0.000 χ^2/NDF : 7428616535669189964868955376975872.0/6
 All: -2.675+/-0.000 χ^2/NDF : 1360026697559

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



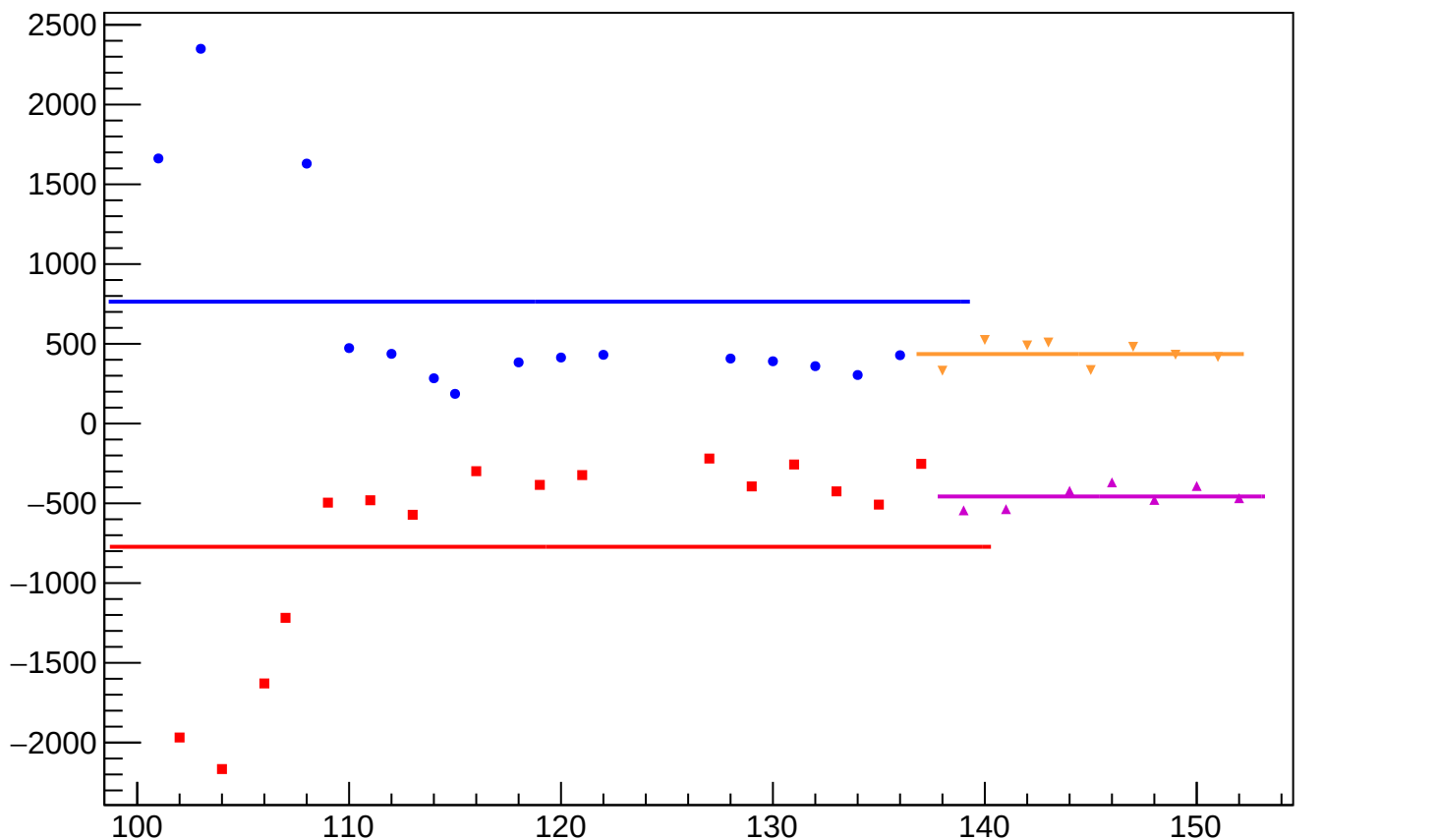
Left: -75.288 +/- 0.000 χ^2/NDF : 1699600919652182
 Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 Left Out: 1107.442 +/- 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 In: -23.990 +/- 0.000 χ^2/NDF : 17784291707389582
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -12.349 +/- 0.000 χ^2/NDF : 1497596942282876
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 +/- 0.000 χ^2/NDF : 327611110286

dit_sam2_coil3_mean vs Slug, Sign Corrected



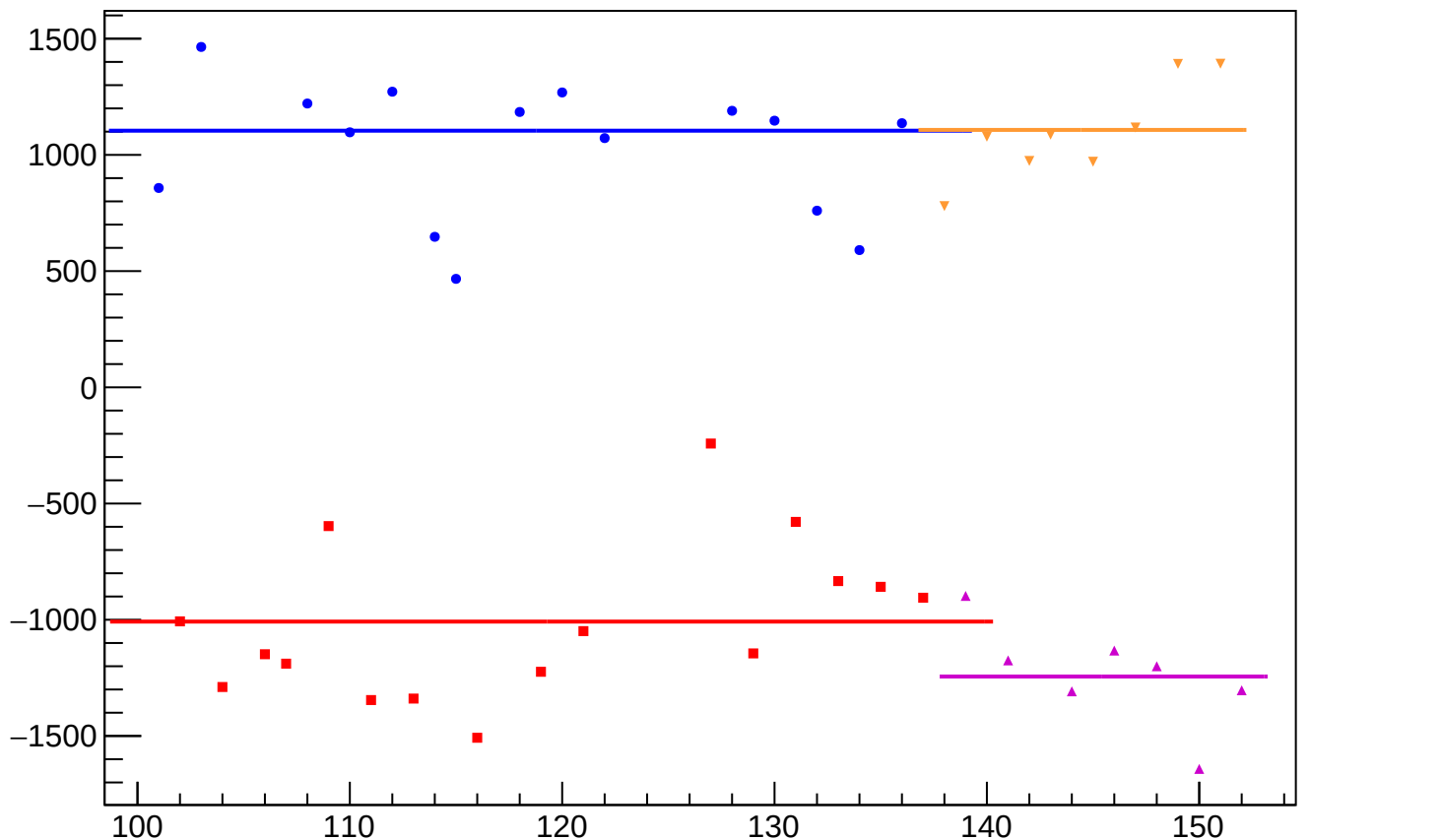
Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 16546.432+/-0.000 χ^2/NDF : 6801850258023609923514154765894773899264.0/7
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -17452.046+/-0.000 χ^2/NDF : 3001853096225712386364243290083033088000.0/6
 All: -90.358+/-0.000 χ^2/NDF : 487822944183

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



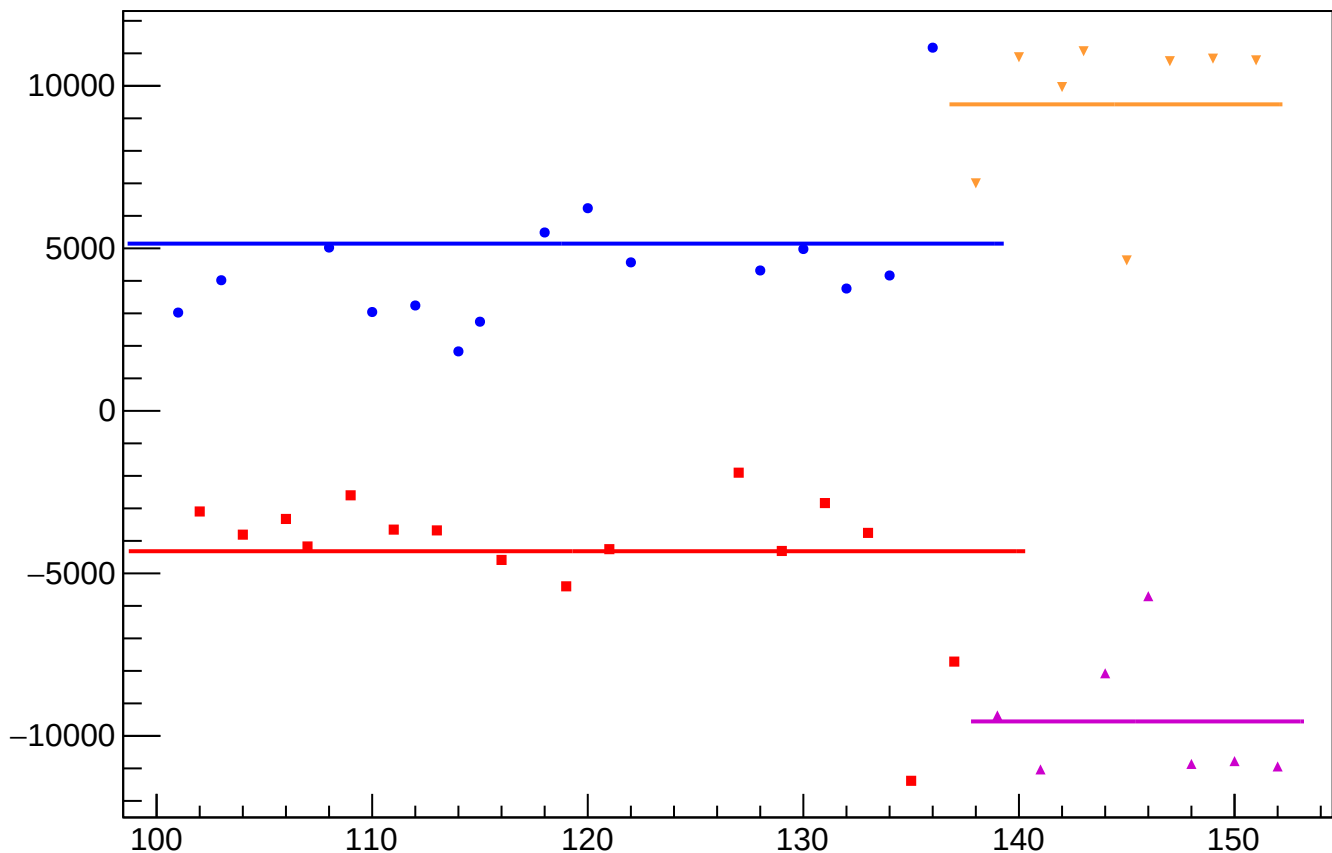
Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14
 Left Out: 435.835+/-0.000 χ^2/NDF : 2977121844362765272140989272619483136.0/7
 Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15
 Left In: -457.129+/-0.000 χ^2/NDF : 2352576057454010535561171937049706496.0/6
 All: -13.988+/-0.000 χ^2/NDF : 159691364211

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



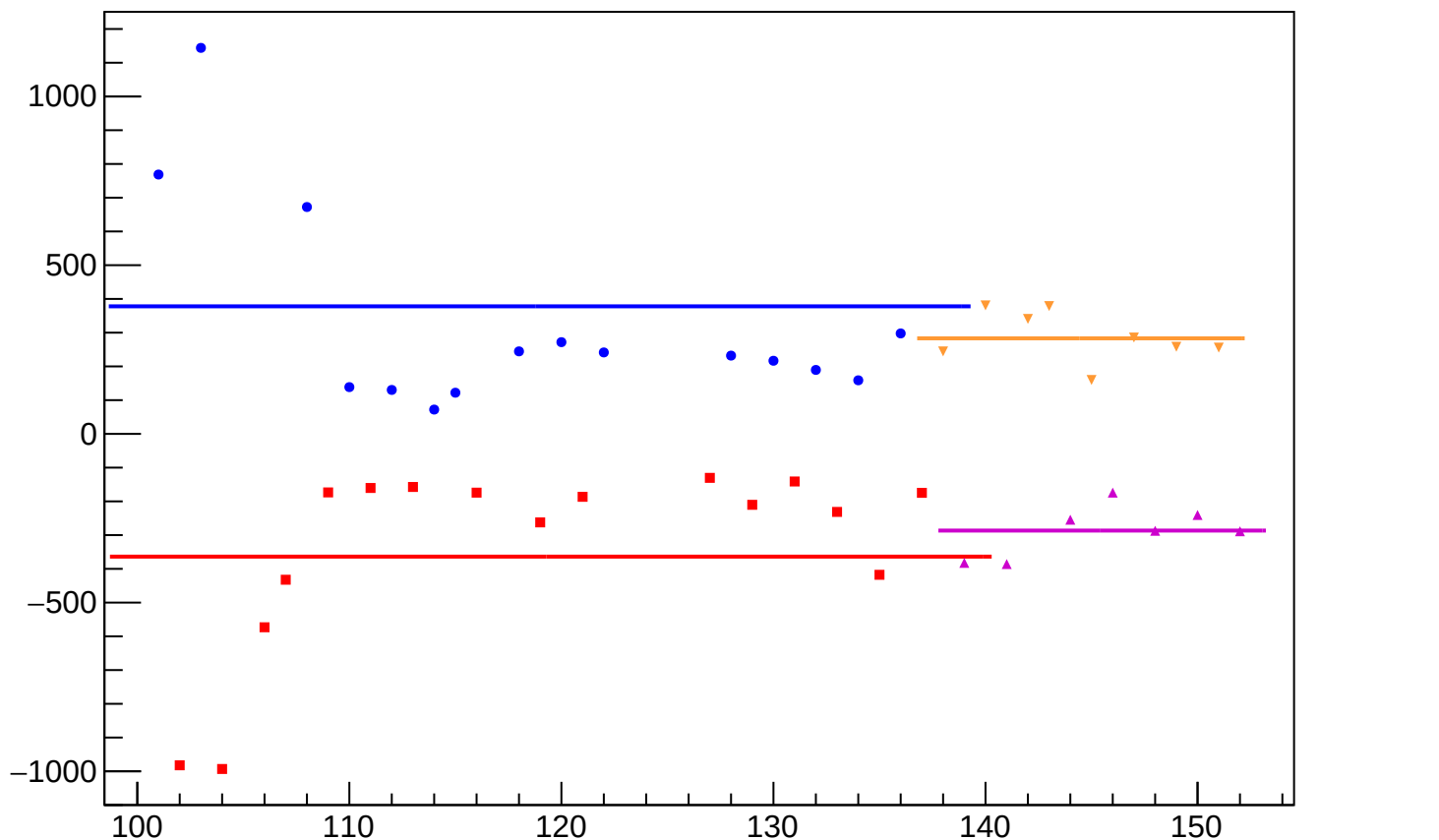
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: -18.144 $\pm$ 0.000 χ^2 /NDF: 327611110286

dit_sam3_coil3_mean vs Slug, Sign Corrected



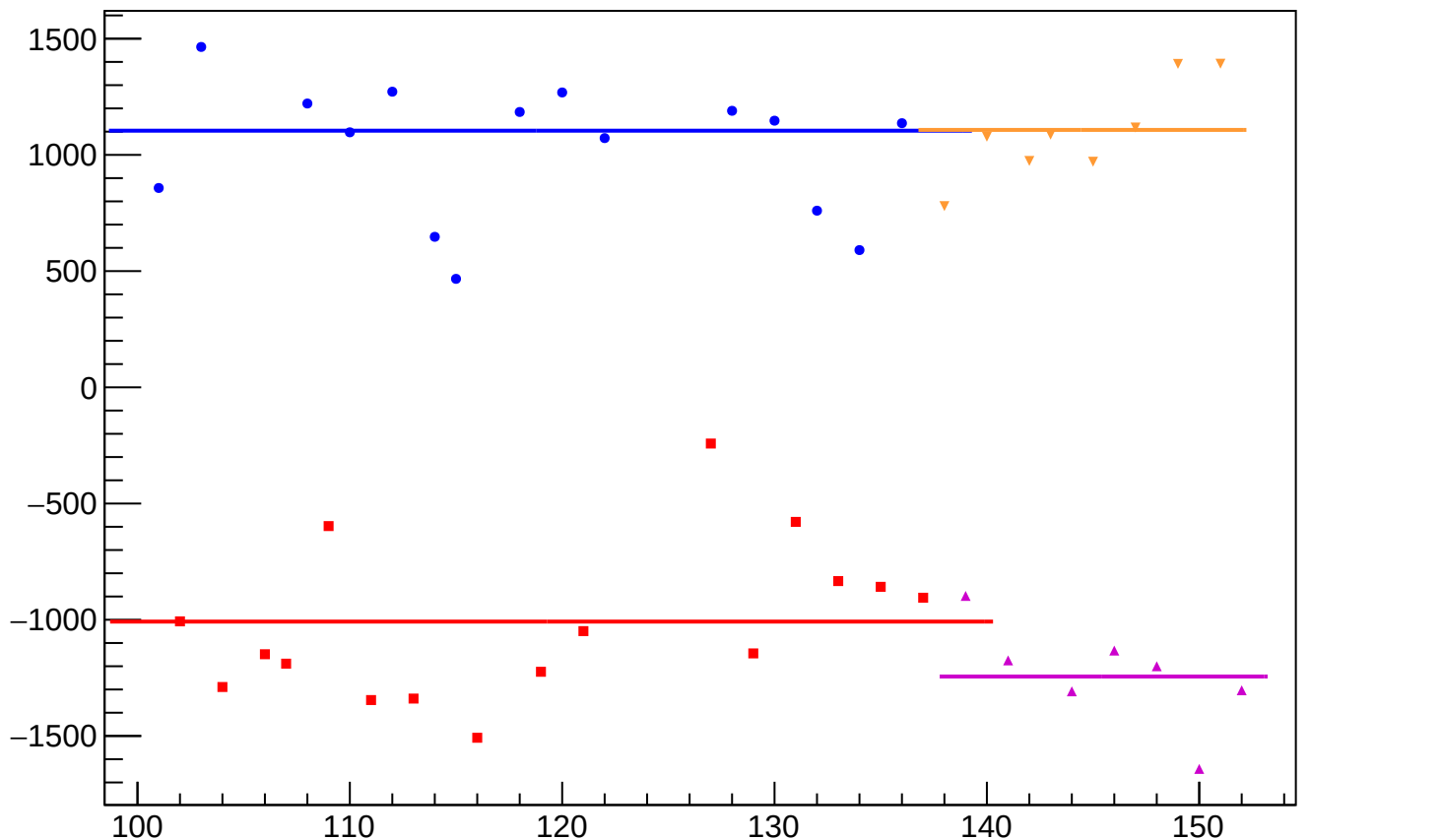
Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9430.782+/-0.000 χ^2/NDF : 3136531861991697137604866393053193043968.0/7
 Right Out: -4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: -9554.871+/-0.000 χ^2/NDF : 2061694180497457139461553151070881972224.0/6
 All: 127.091+/-0.000 χ^2/NDF : 149915403436

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



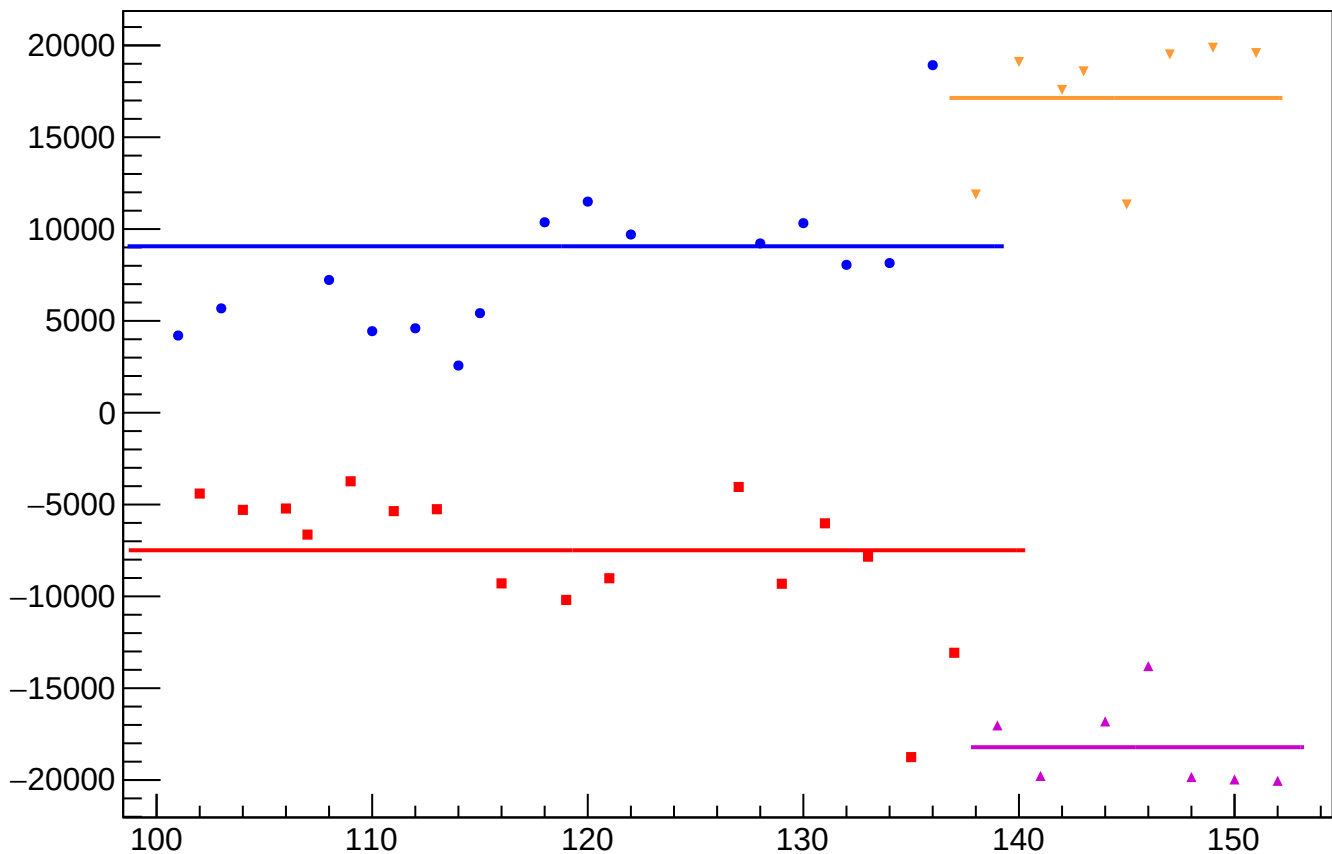
Left: -3.353 +/- 0.000 χ^2/NDF : 10273260386436991
 Right: 2.067 +/- 0.000 χ^2/NDF : 30156387809525658
 In: 58.788 +/- 0.000 χ^2/NDF : 202139505753788799
 Out: -59.291 +/- 0.000 χ^2/NDF : 1934300215686244
 All: -0.510 +/- 0.000 χ^2/NDF : 4043148581536

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



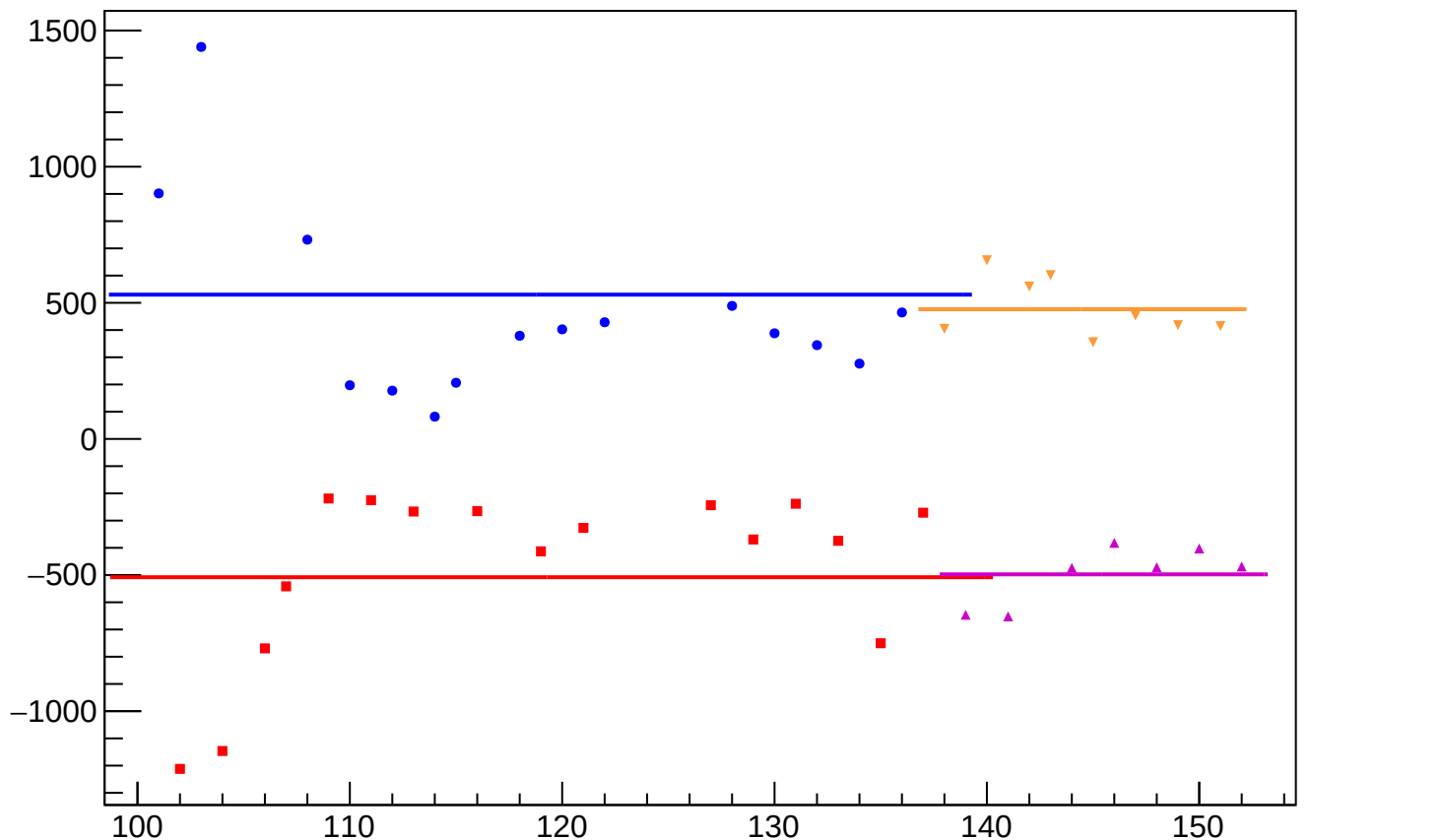
Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 ± 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 ± 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 ± 0.000 χ^2/NDF : 327611110286

dit_sam4_coil3_mean vs Slug, Sign Corrected



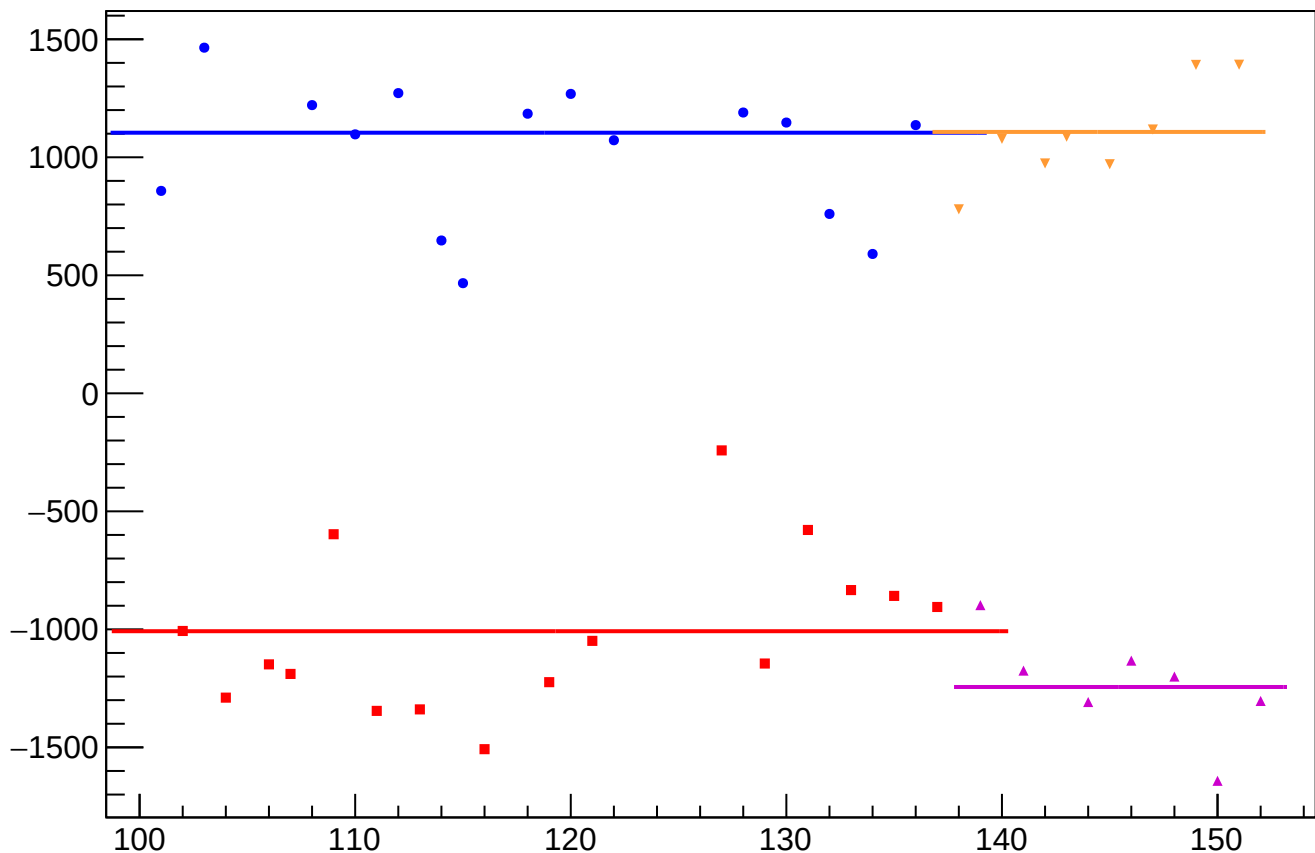
Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17140.061+/-0.000 χ^2/NDF : 6868208741937555819931125821627739144192.0/7
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -18212.772+/-0.000 χ^2/NDF : 2911551367456144531814846167541878882304.0/6
 All: 48.690+/-0.000 χ^2/NDF : 49746303244651

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



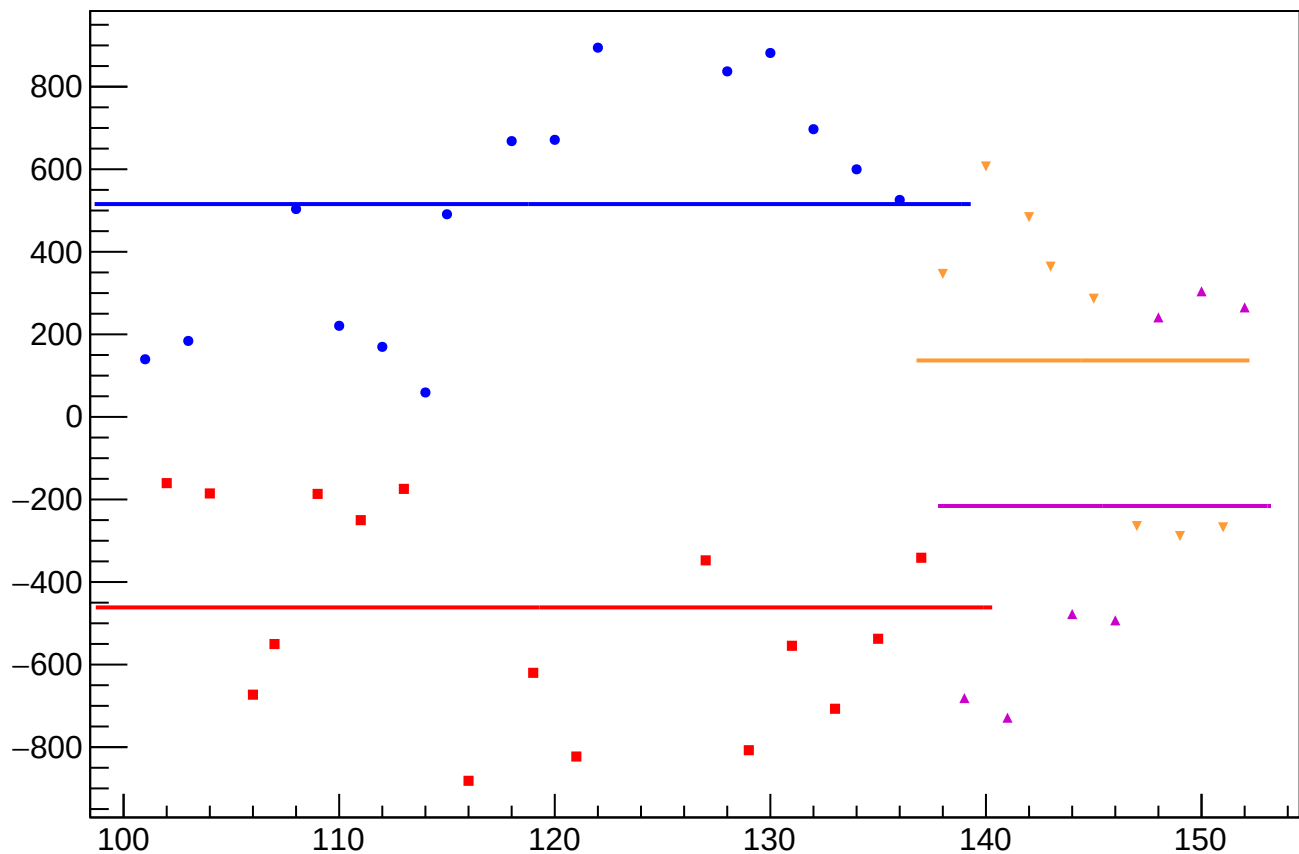
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14
 Left Out: 476.423 $\pm$ 0.000 χ^2 /NDF: 6250514374305911237786342105462865920.0/7
 Right Out: -507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15
 Left In: -497.464 $\pm$ 0.000 χ^2 /NDF: 5924982317600517123285374660346118144.0/6
 All: -4.296 $\pm$ 0.000 χ^2 /NDF: 8051170183056

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



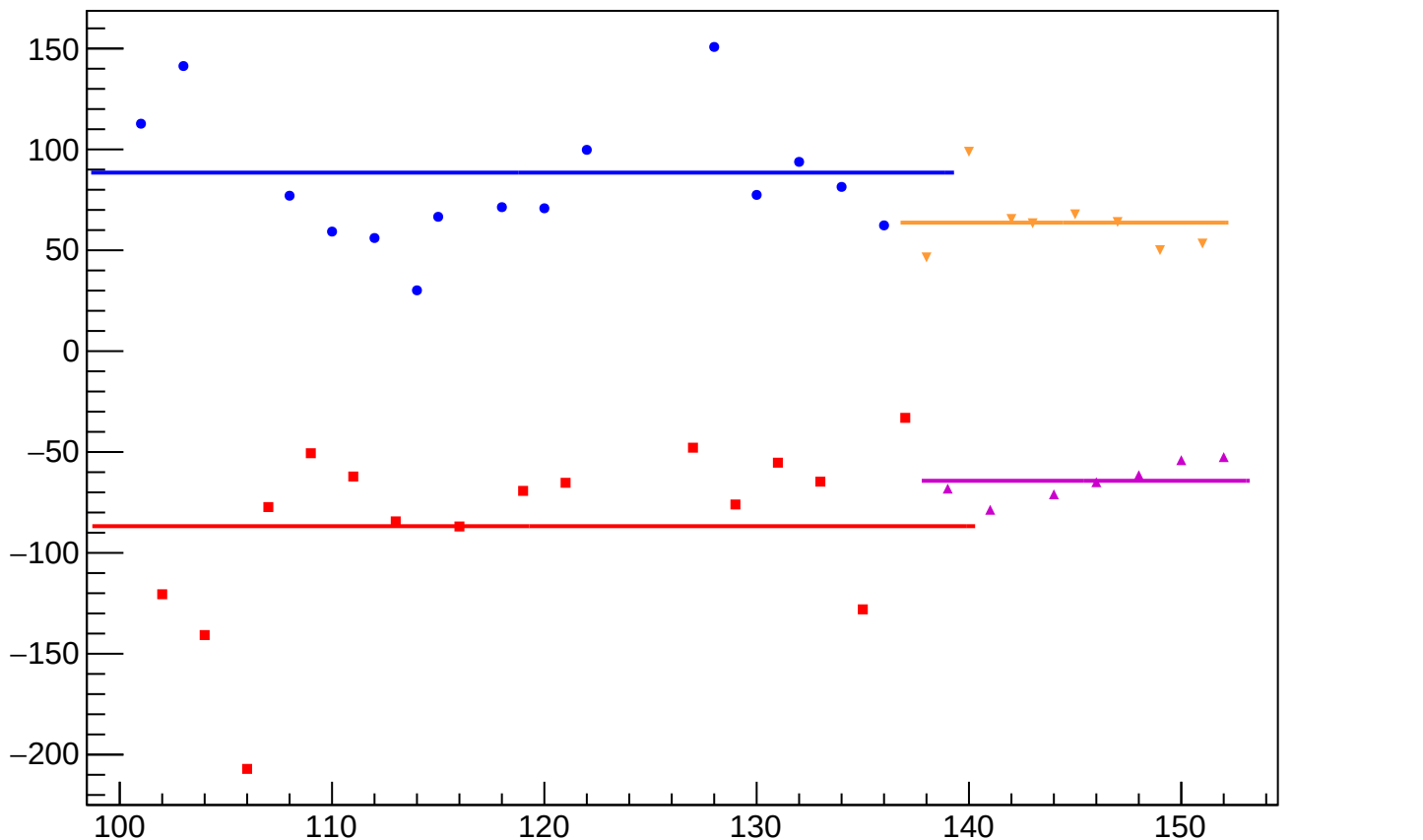
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: -18.144 $\pm$ 0.000 χ^2 /NDF: 327611110286

dit_sam5_coil3_mean vs Slug, Sign Corrected



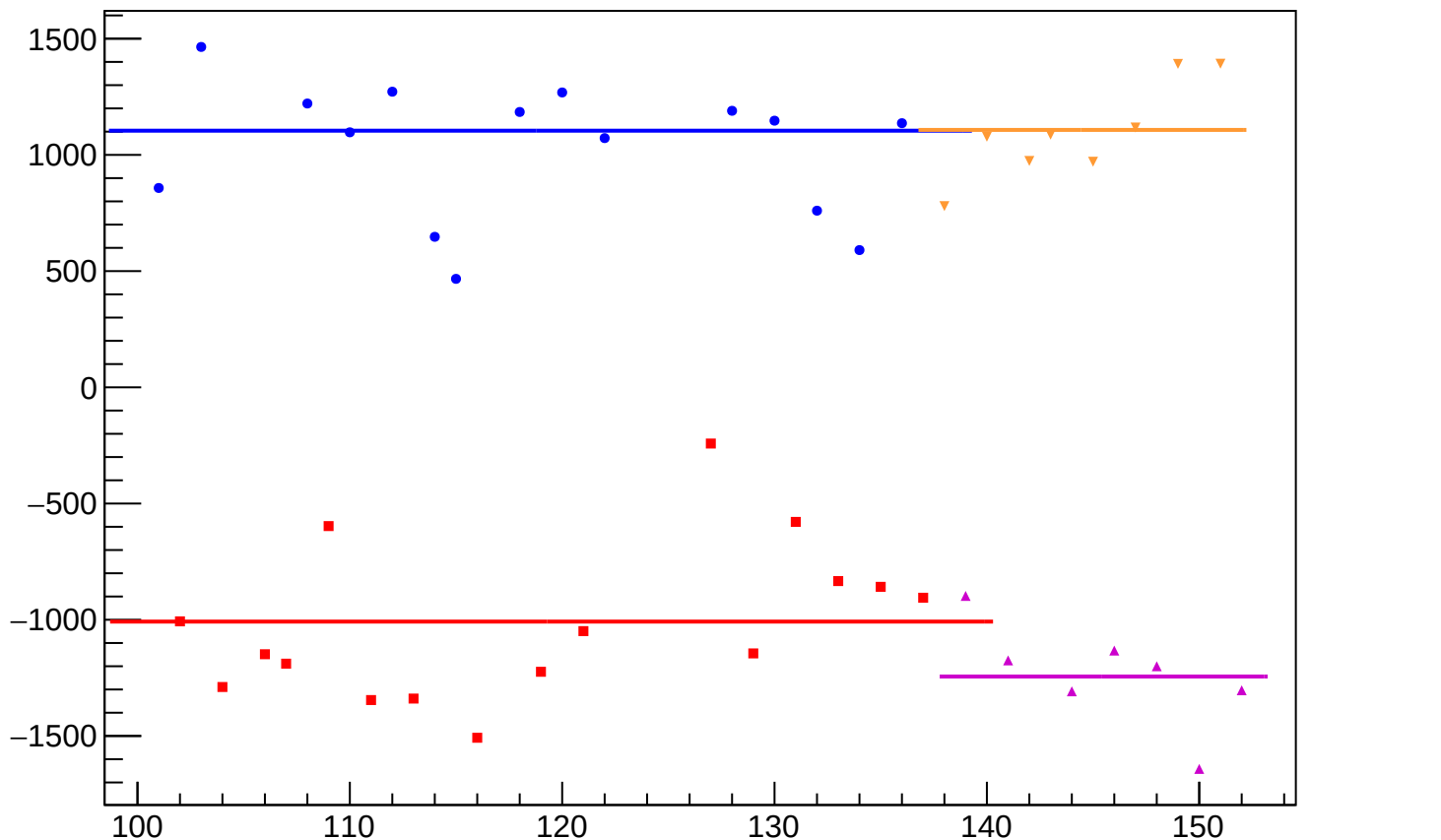
Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14
 Left Out: 136.799+/-0.000 χ^2/NDF : 72693405941214924454547616744033222656.0/7
 Right Out: -461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15
 Left In: -215.772+/-0.000 χ^2/NDF : 11465359871233555670008293237519810560.0/6
 All: -8.574+/-0.000 χ^2/NDF : 6297470615660

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



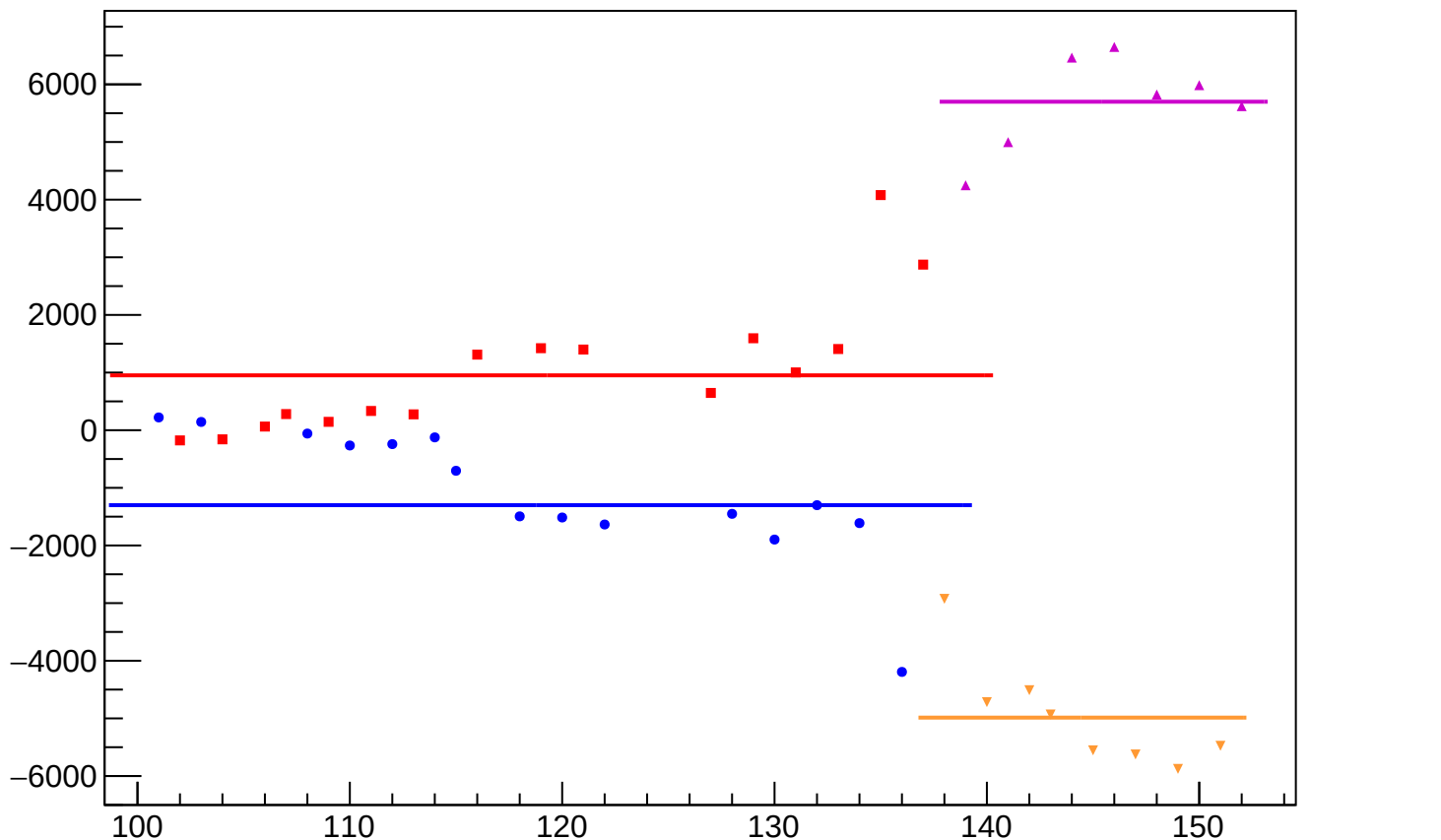
Right In: 88.493 ± 0.000 $\chi^2/\text{NDF}: 643231155193035512625817963208900608.0/14$
 Left Out: 63.713 ± 0.000 $\chi^2/\text{NDF}: 149867538293652750259063180306153472.0/7$
 Right Out: -86.773 ± 0.000 $\chi^2/\text{NDF}: 1059206766314086021240525003228708864.0/15$
 Left In: -64.259 ± 0.000 $\chi^2/\text{NDF}: 44989331579394899086378381583843328.0/6$
 All: -0.486 ± 0.000 $\chi^2/\text{NDF}: 1688599764189$

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 ± 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 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: -18.144 ± 0.000 χ^2/NDF : 327611110286

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -4986.498+/-0.000

Right Out: 951.903+/-0.000

Left In: 5698.962+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

χ^2/NDF : 490505402149497174067467512905816080384.0/7

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 348367797443596081262714830475436752896.0/6

Left: 387.581+/-0.000 χ^2/NDF : 3489160948050507

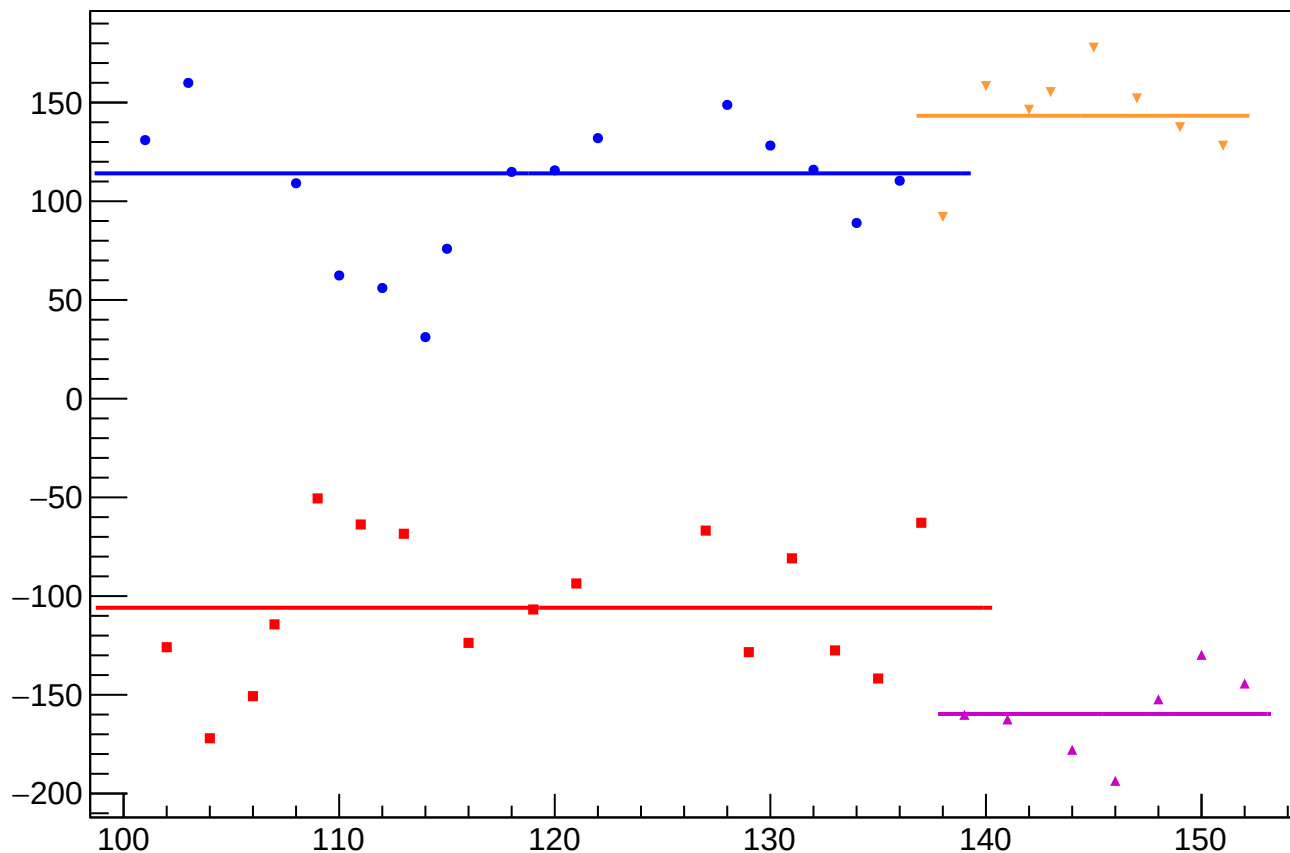
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: 2062.242+/-0.000 χ^2/NDF : 1681976996683582

Out: -1842.916+/-0.000 χ^2/NDF : 12401857771382

All: 101.102+/-0.000 χ^2/NDF : 387871676652

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118 $\pm$ 0.000

χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 143.296 $\pm$ 0.000

χ^2/NDF : 356474254587140606455492015514714112.0/7

Right Out: -105.890 $\pm$ 0.000

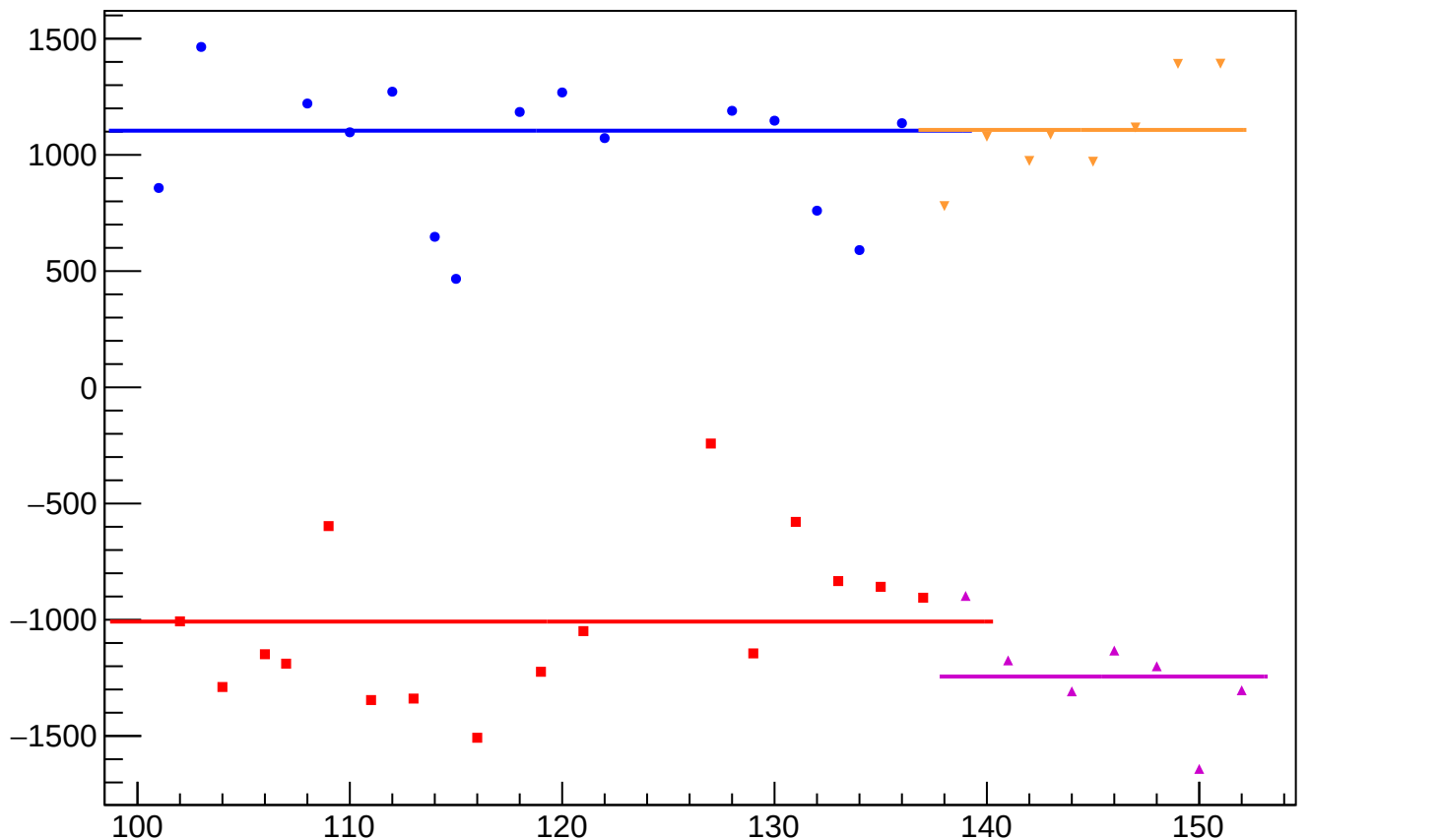
χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: -159.702 $\pm$ 0.000

χ^2/NDF : 232083264989811610328078025656107008.0/6

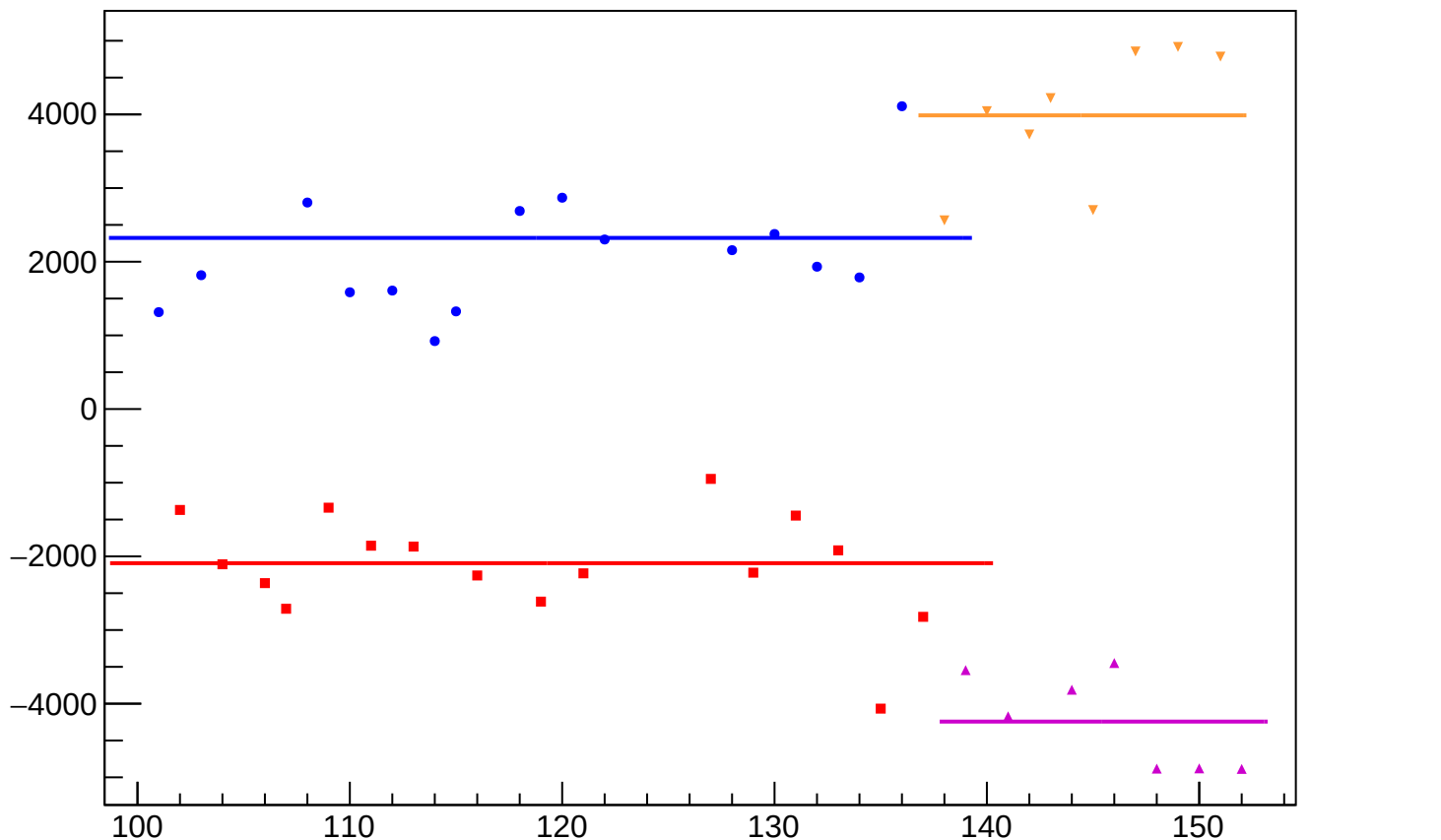
All: -2.954 $\pm$ 0.000 χ^2/NDF : 4543578861814

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



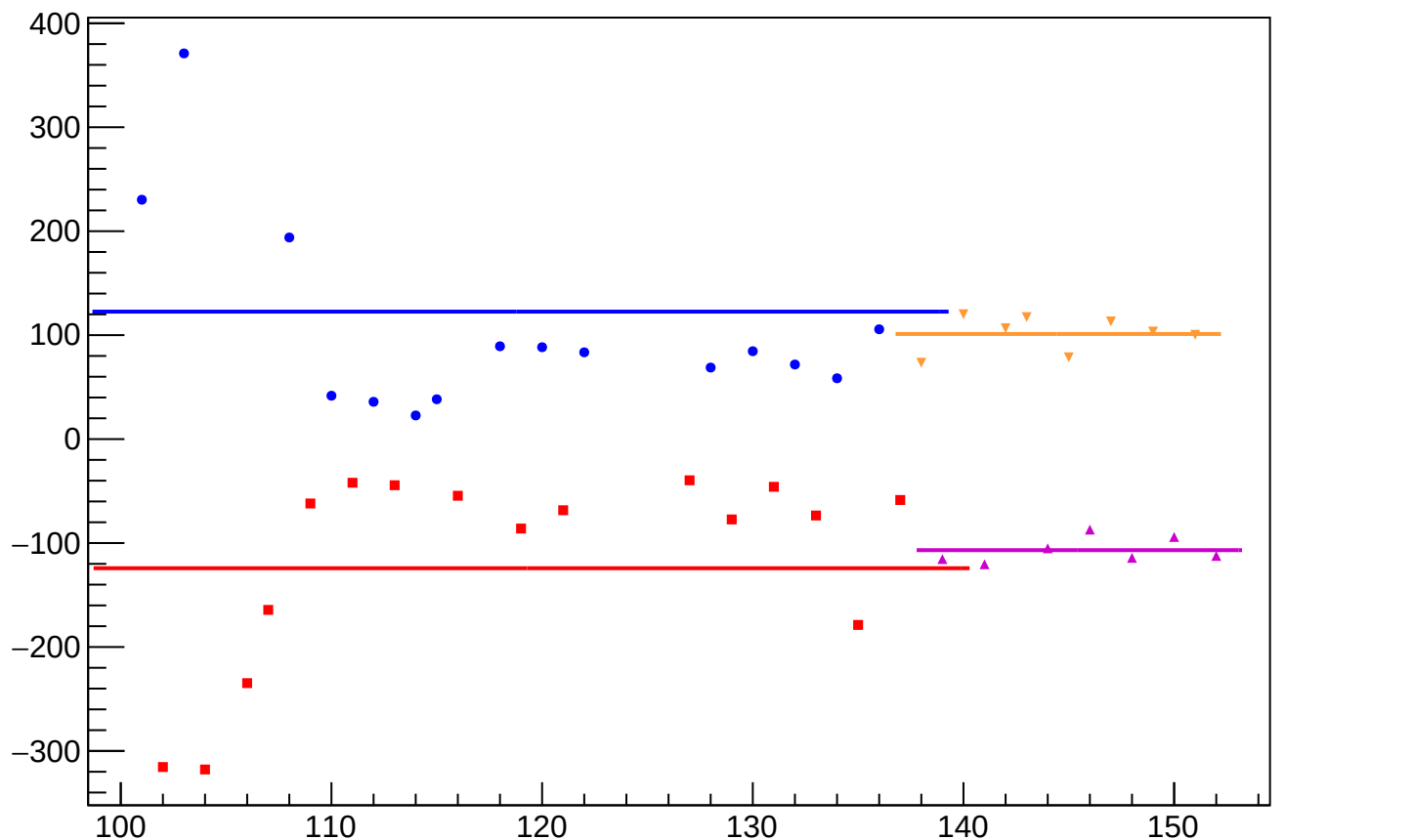
Left: -75.288 +/- 0.000 χ^2/NDF : 1699600919652182
 Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 Left Out: 1107.442 +/- 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 In: -23.990 +/- 0.000 χ^2/NDF : 17784291707389582
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -12.349 +/- 0.000 χ^2/NDF : 1497596942282876
 Left In: -1244.218 +/- 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 +/- 0.000 χ^2/NDF : 327611110286

dit_sam7_coil3_mean vs Slug, Sign Corrected



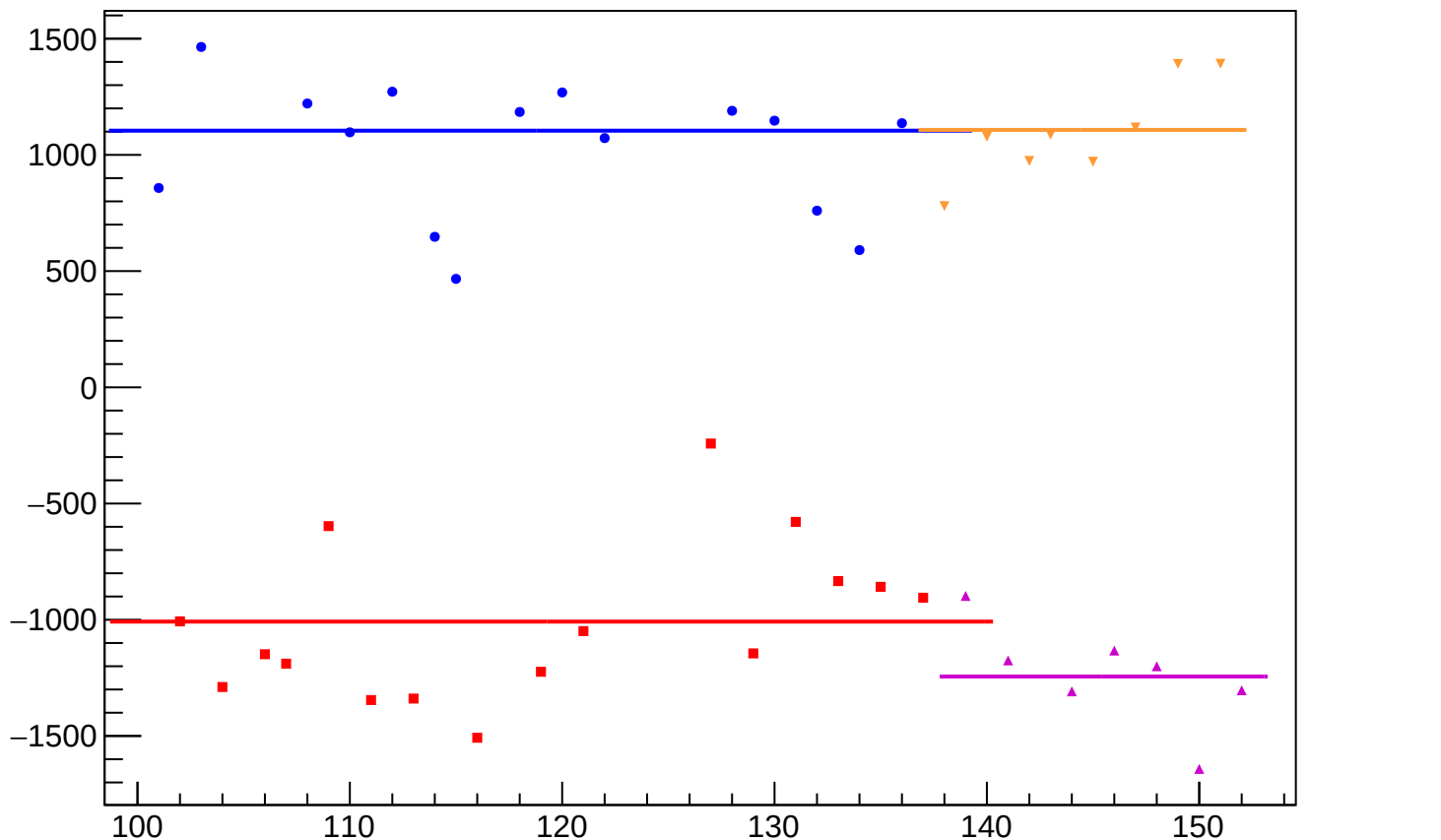
Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 3987.181+/-0.000 χ^2/NDF : 479632401773735459667763296831950290944.0/7
 Right Out: -2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: -4243.233+/-0.000 χ^2/NDF : 215990430422287458327284381138246696960.0/6
 All: -27.637+/-0.000 χ^2/NDF : 281912208712

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



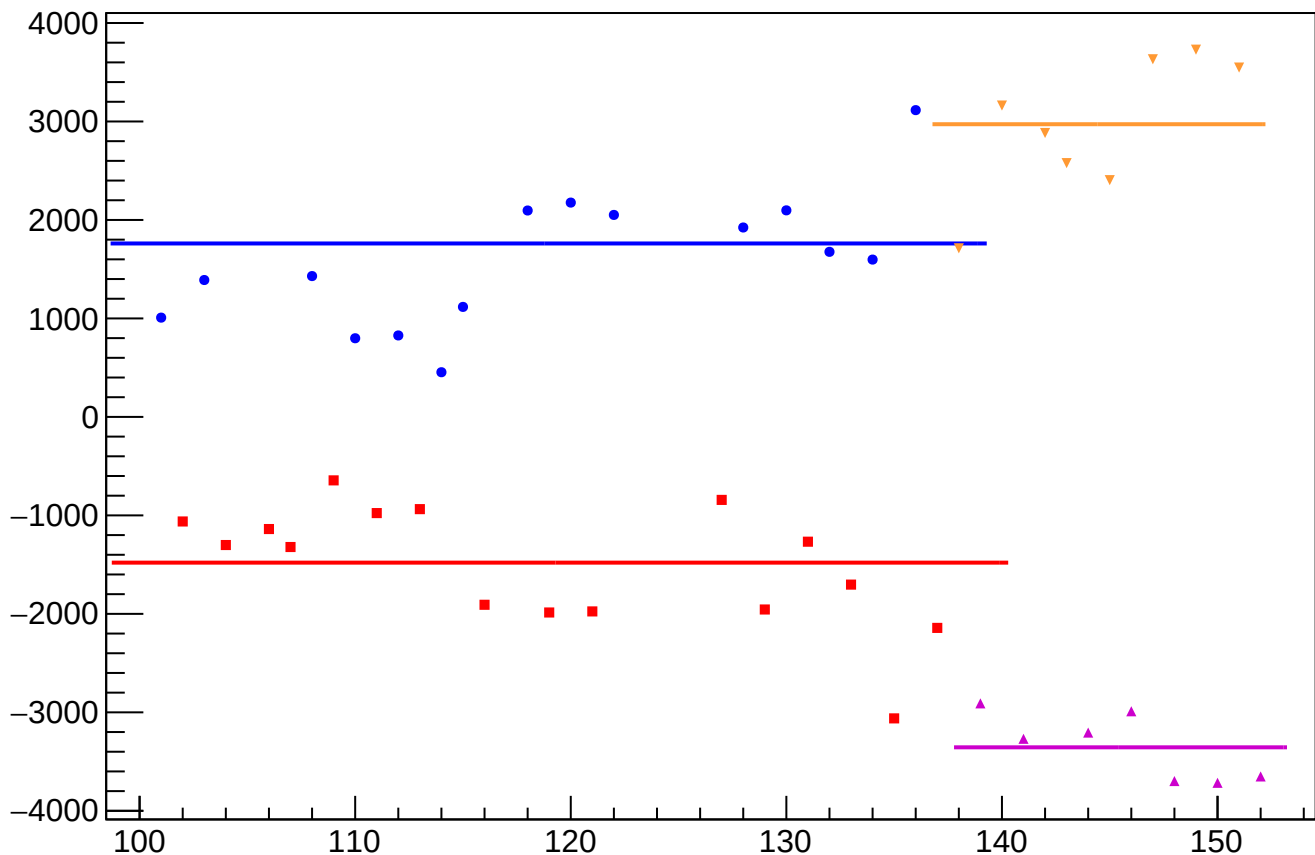
Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 101.121 $\pm$ 0.000 χ^2 /NDF: 161159193817451342295005934886322176.0/7
 Right Out: -124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15
 Left In: -106.825 $\pm$ 0.000 χ^2 /NDF: 76136950408732056095489025562902528.0/6
 All: -2.950 $\pm$ 0.000 χ^2 /NDF: 4566329254442

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



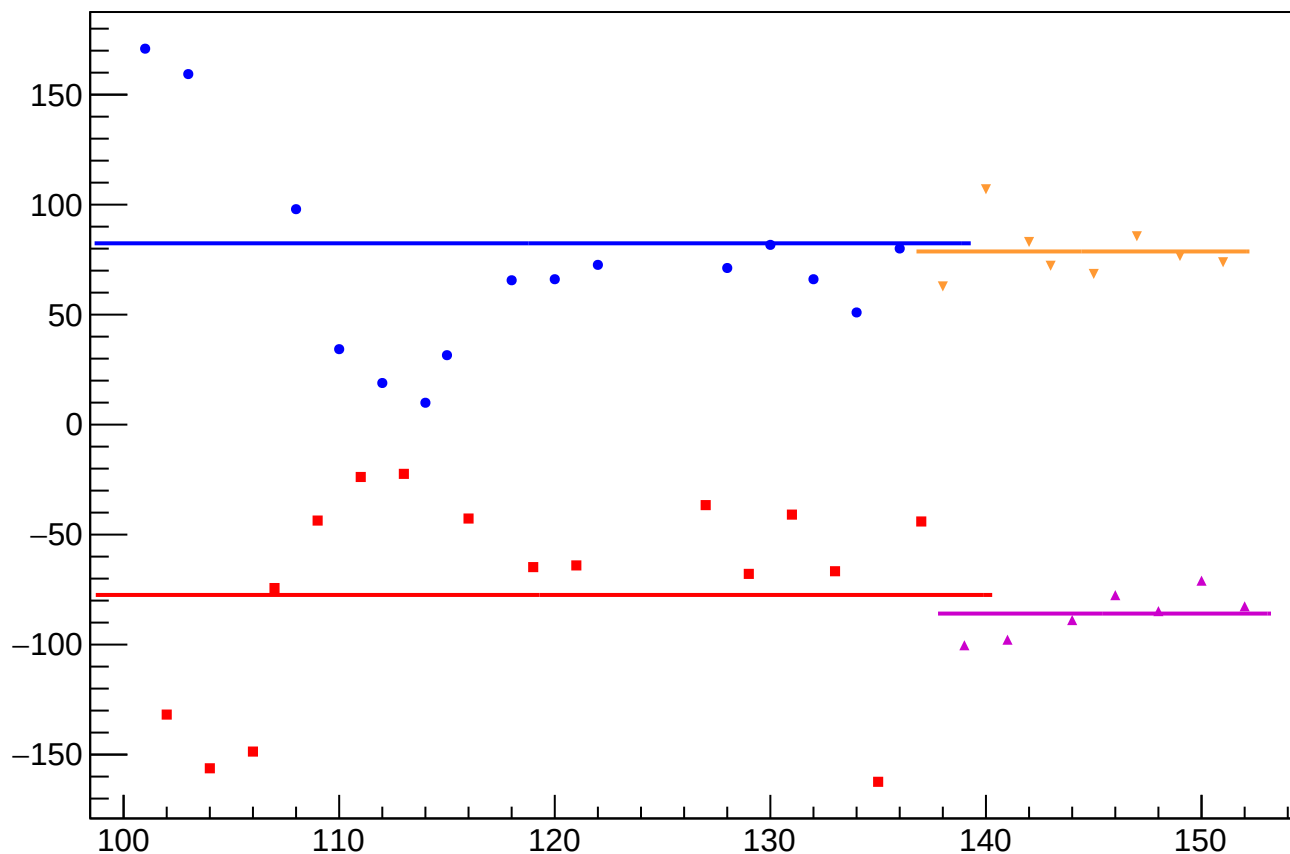
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 $\pm$ 0.000 χ^2 /NDF: 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 $\pm$ 0.000 χ^2 /NDF: 26392004693340000926541147830371745792.0/6
 All: -18.144 $\pm$ 0.000 χ^2 /NDF: 327611110286

dit_sam8_coil3_mean vs Slug, Sign Corrected



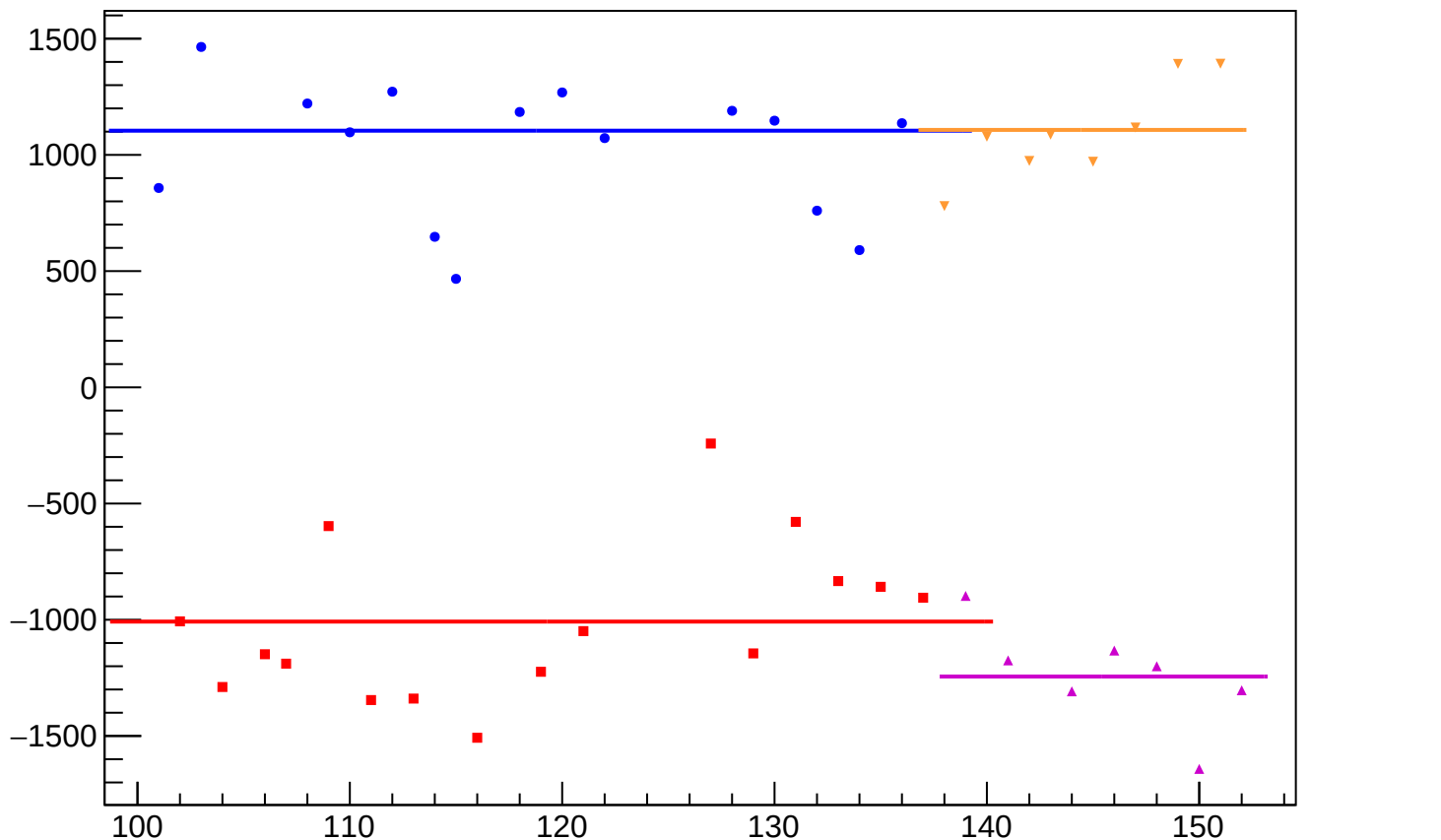
Left: -210.124 +/- 0.000 χ^2/NDF : 122710778712686
 Right In: 1761.245 +/- 0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Right: 118.557 +/- 0.000 χ^2/NDF : 405096794129398
 Left Out: 2972.176 +/- 0.000 χ^2/NDF : 271314157456939456883563298399992152064.0/7
 In: -696.662 +/- 0.000 χ^2/NDF : 8553185093817341
 Right Out: -1479.801 +/- 0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15
 Out: 615.455 +/- 0.000 χ^2/NDF : 6756576552514784
 Left In: -3355.297 +/- 0.000 χ^2/NDF : 59166202753644451304162905979659223040.0/6
 All: -37.727 +/- 0.000 χ^2/NDF : 163896455383

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



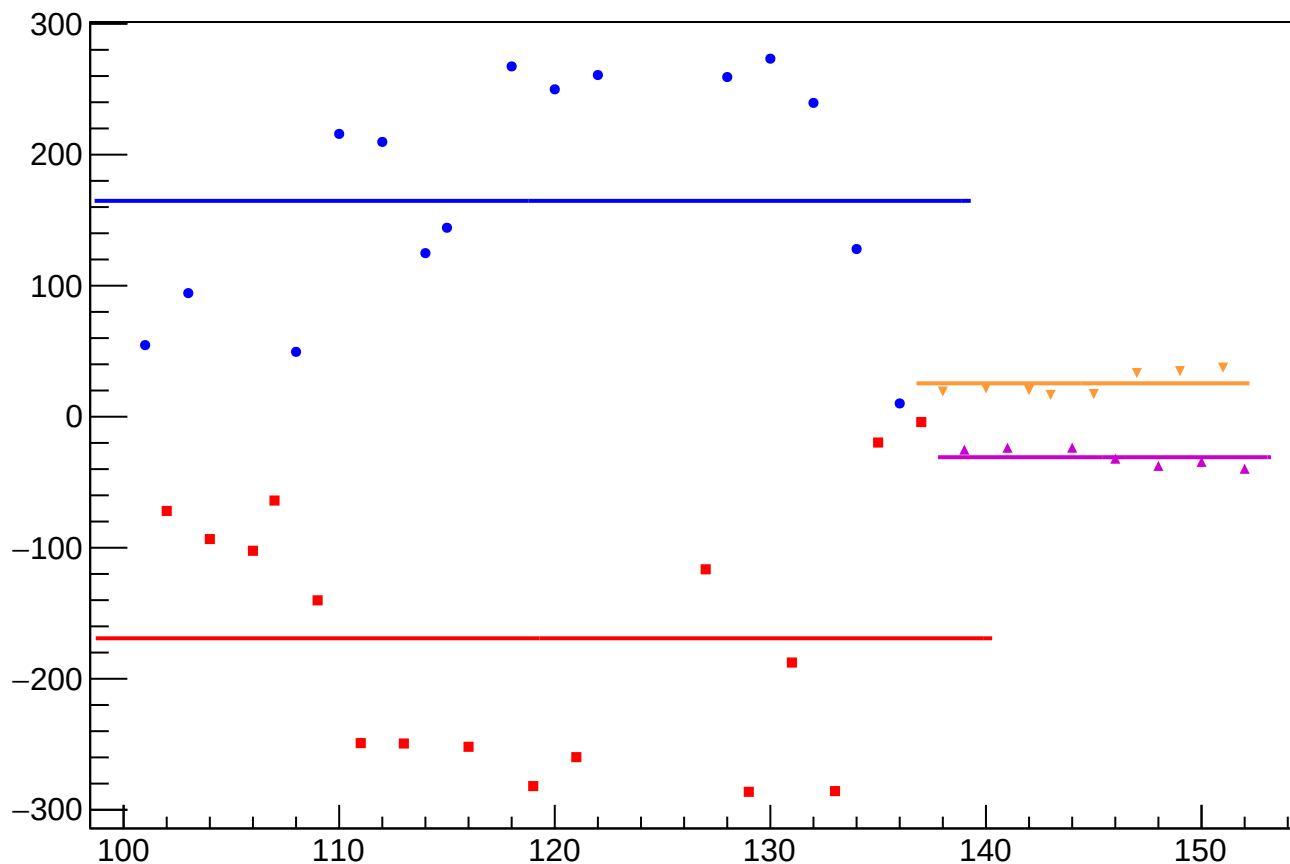
Right In: 82.422 ± 0.000 $\chi^2/\text{NDF}: 1263633347129443757477527241185296384.0/14$
 Left Out: 78.716 ± 0.000 $\chi^2/\text{NDF}: 103302644952464149676026513313497088.0/7$
 Right Out: -77.430 ± 0.000 $\chi^2/\text{NDF}: 1515456409368458038568290276111024128.0/15$
 Left In: -85.899 ± 0.000 $\chi^2/\text{NDF}: 56792921001479330216234614119202816.0/6$
 All: -1.201 ± 0.000 $\chi^2/\text{NDF}: 1944492838968$

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



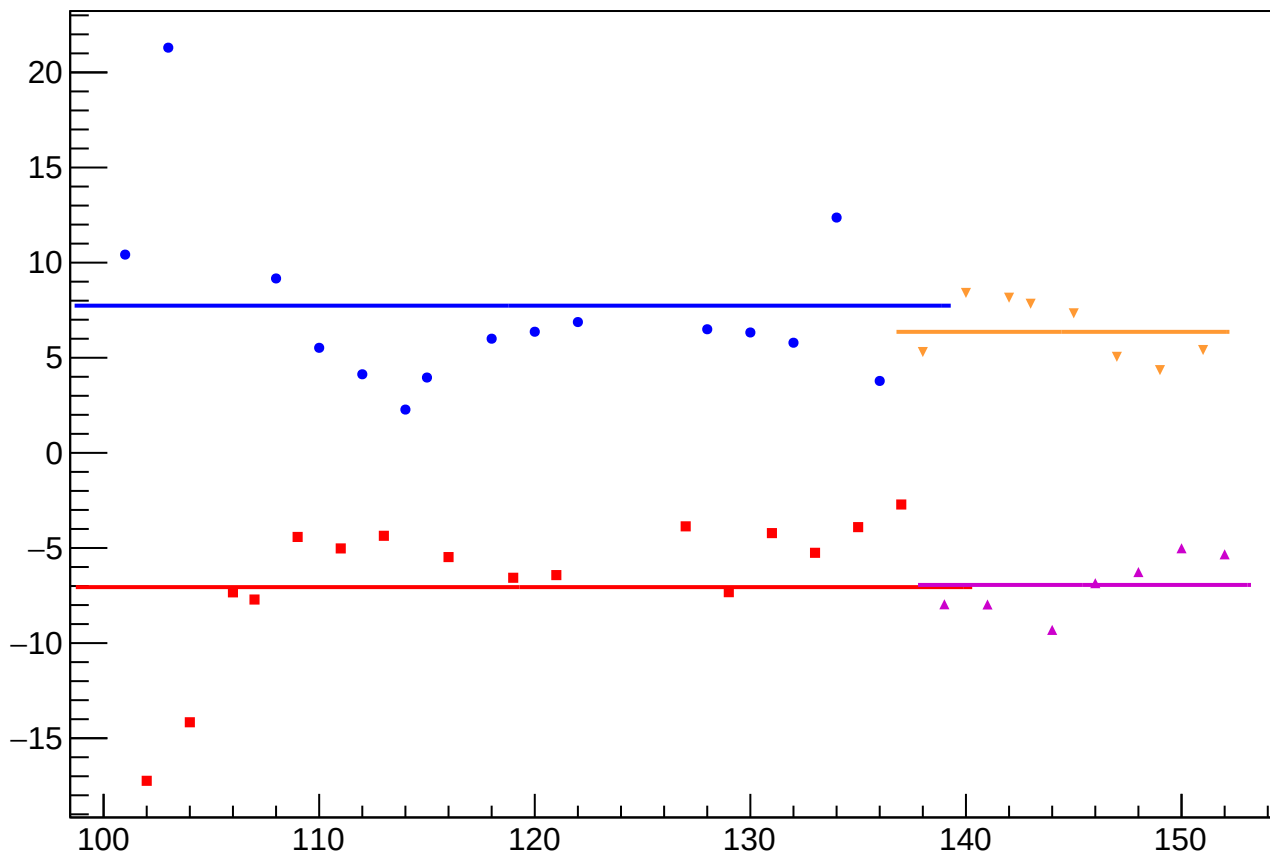
Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1107.442 ± 0.000 χ^2/NDF : 23852091216105256312132421151050694656.0/7
 Right Out: -1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1244.218 ± 0.000 χ^2/NDF : 26392004693340000926541147830371745792.0/6
 All: -18.144 ± 0.000 χ^2/NDF : 327611110286

dit_4aX_coil7_mean vs Slug, Sign Corrected



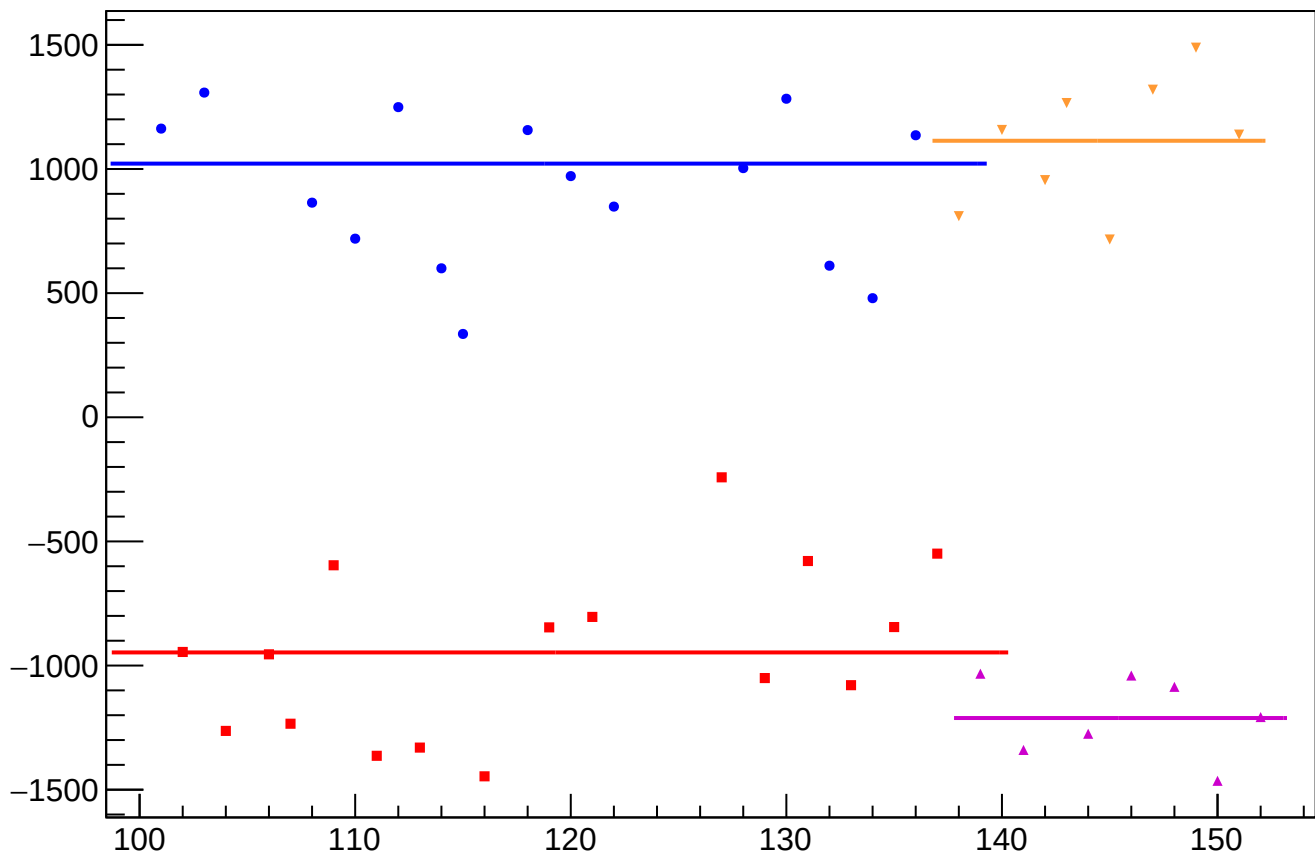
Left: -2.880 +/- 0.000 χ^2/NDF : 10119107852216077
 Right In: 164.752 +/- 0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14
 Right: -4.461 +/- 0.000 χ^2/NDF : 4907468178563624
 Left Out: 25.491 +/- 0.000 χ^2/NDF : 39343759419918696077936822220488704.0/7
 In: 70.754 +/- 0.000 χ^2/NDF : 183301212979328983
 Right Out: -169.108 +/- 0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15
 Out: -77.523 +/- 0.000 χ^2/NDF : 1796752575608036
 Left In: -30.919 +/- 0.000 χ^2/NDF : 23531200590952148337491006564859904.0/6
 All: -3.709 +/- 0.000 χ^2/NDF : 5008815762593

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14
 Left Out: 6.362 $\pm$ 0.000 χ^2 /NDF: 1347145332562254846957252438392832.0/7
 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: -0.031 $\pm$ 0.000 χ^2 /NDF: 1540370087563

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1113.744+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 38023893801940446731487834354860687360.0/7

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: -55.614+/-0.000 χ^2/NDF : 1664213911076140

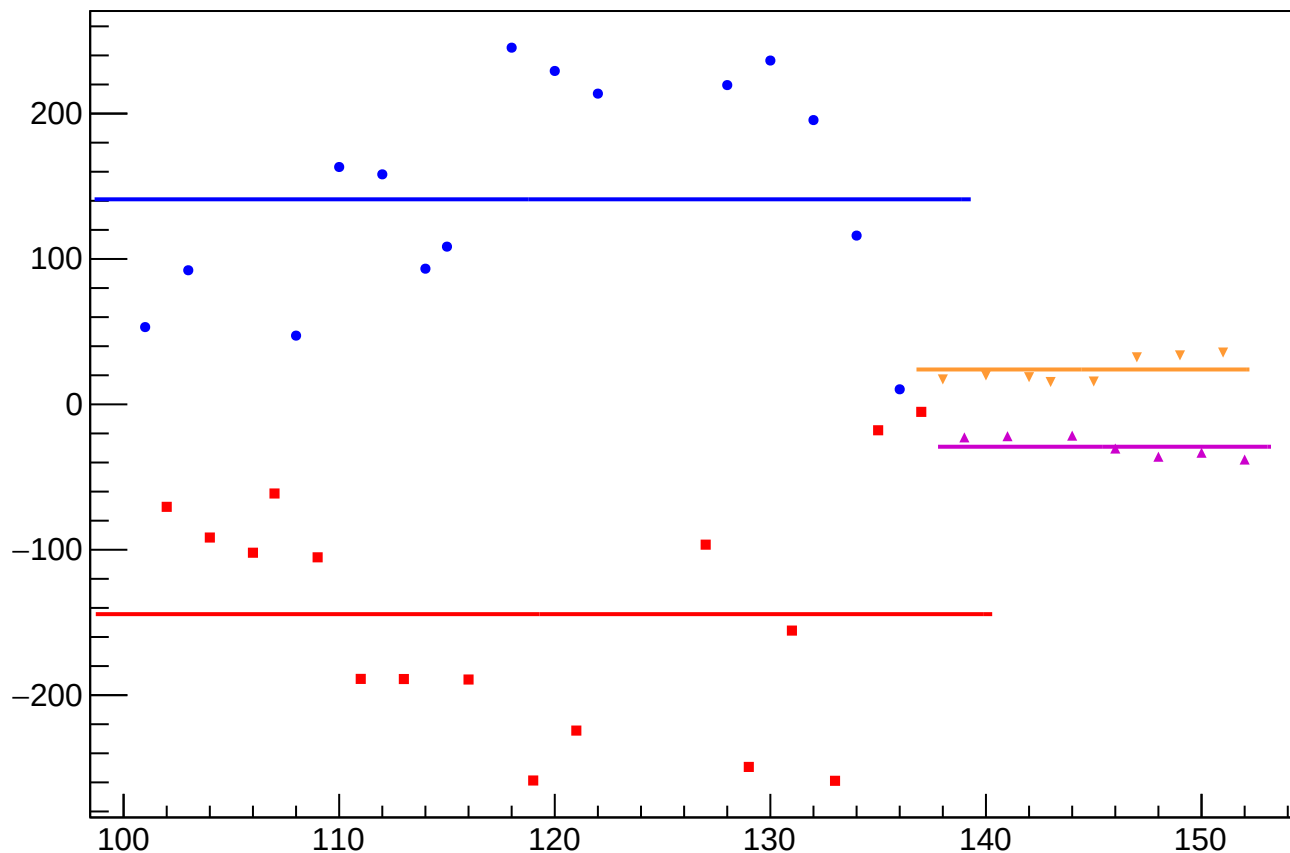
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 22.781+/-0.000 χ^2/NDF : 14390819914243953

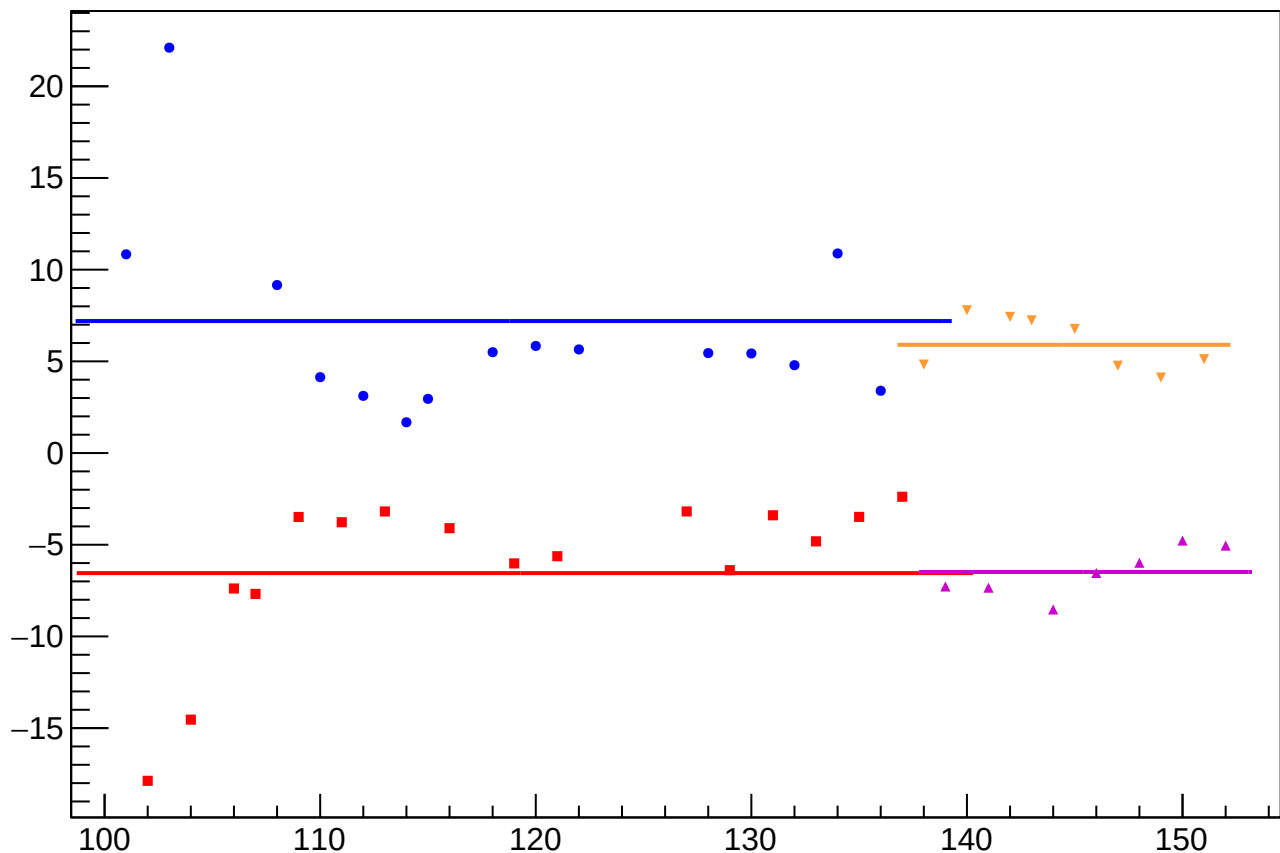
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_4eX_coil7_mean vs Slug, Sign Corrected



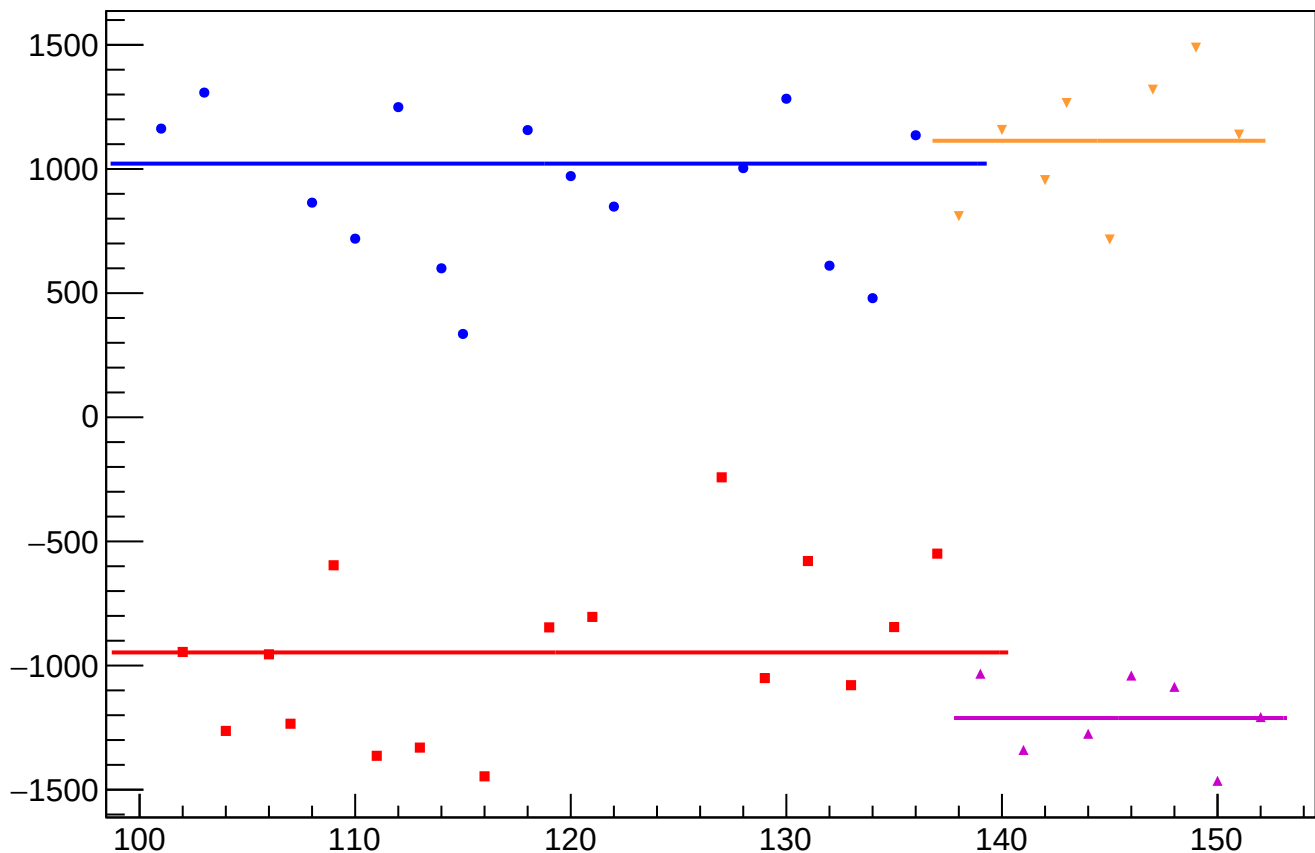
Left: -2.731 ± 0.000 $\chi^2/\text{NDF}: 90790351939767559$
 Right In: 141.032 ± 0.000 $\chi^2/\text{NDF}: 450799258551292332587415612245934080.0/14$
 Left Out: 23.991 ± 0.000 $\chi^2/\text{NDF}: 40631289667109008251624656975429632.0/7$
 Right Out: -144.283 ± 0.000 $\chi^2/\text{NDF}: 4268333571517740886065361663928827904.0/15$
 In: 59.284 ± 0.000 $\chi^2/\text{NDF}: 135617262314400911$
 Out: -65.088 ± 0.000 $\chi^2/\text{NDF}: 1319774029760424$
 Left In: -29.140 ± 0.000 $\chi^2/\text{NDF}: 25380521611536053277872666546536448.0/6$
 All: -3.175 ± 0.000 $\chi^2/\text{NDF}: 3646173809986$

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



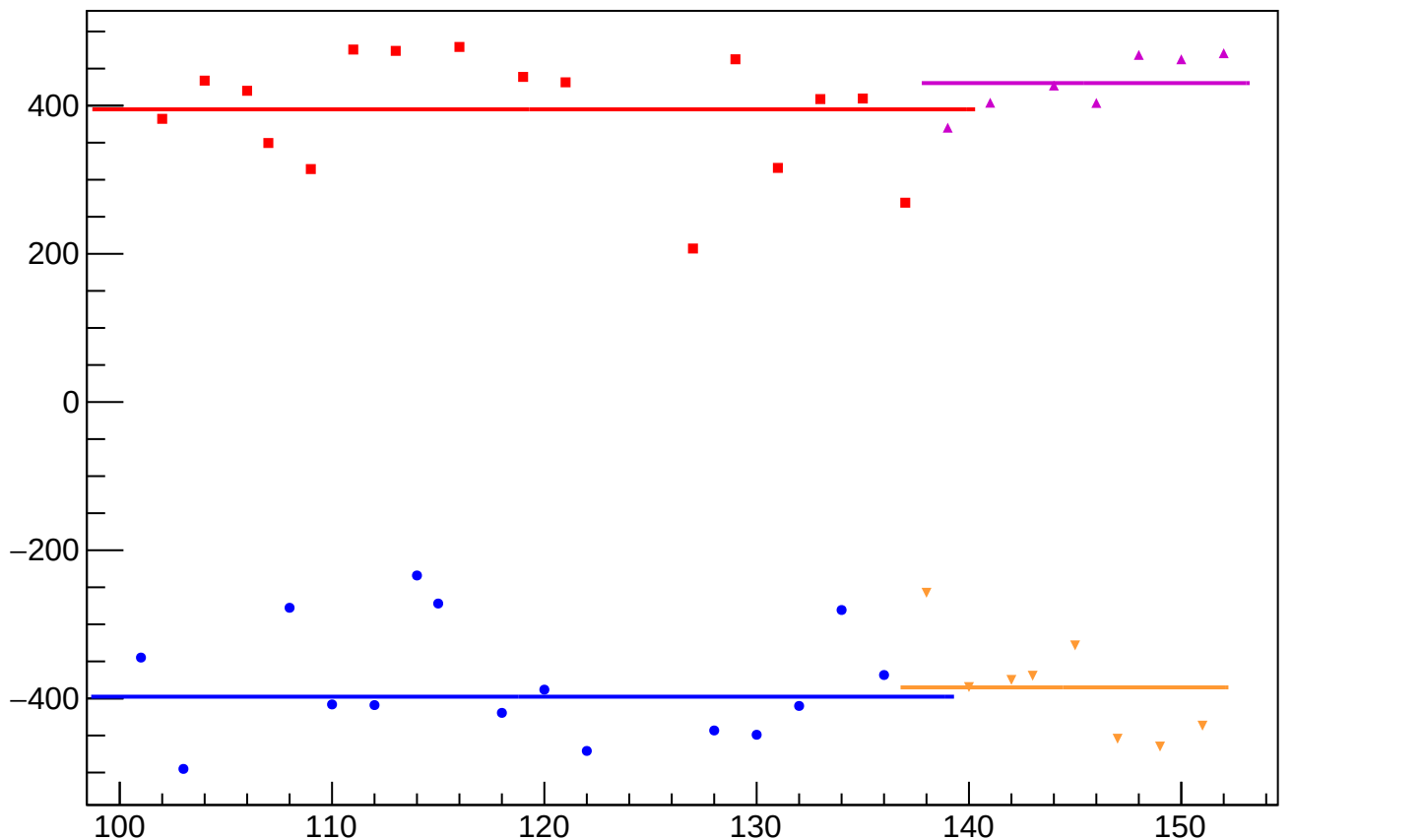
Right In: 7.198 $\pm$ 0.000 χ^2 /NDF: 18212640728502785337831966963138560.0/14
 Left Out: 5.903 $\pm$ 0.000 χ^2 /NDF: 1085872150104137421760519154434048.0/7
 Right Out: -6.547 $\pm$ 0.000 χ^2 /NDF: 14078912505116068936230809834094592.0/15
 Left In: -6.485 $\pm$ 0.000 χ^2 /NDF: 953126246739082879082531261513728.0/6
 All: -0.034 $\pm$ 0.000 χ^2 /NDF: 1424301618007

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: -55.614+/-0.000	χ^2/NDF : 1664213911076140
Left Out: 1113.744+/-0.000	χ^2/NDF : 38023893801940446731487834354860687360.0/7	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: 22.781+/-0.000	χ^2/NDF : 14390819914243953
	All: -13.958+/-0.000	χ^2/NDF : 305149915808	

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

Left Out: -385.071+/-0.000

Right Out: 394.973+/-0.000

Left In: 430.407+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

χ^2/NDF : 2668402786947464236604722198859481088.0/7

χ^2/NDF : 3685595513427183501596165280874102784.0/15

χ^2/NDF : 770257985244627837578327624668676096.0/6

Left: 25.061+/-0.000 χ^2/NDF : 20176965004394305

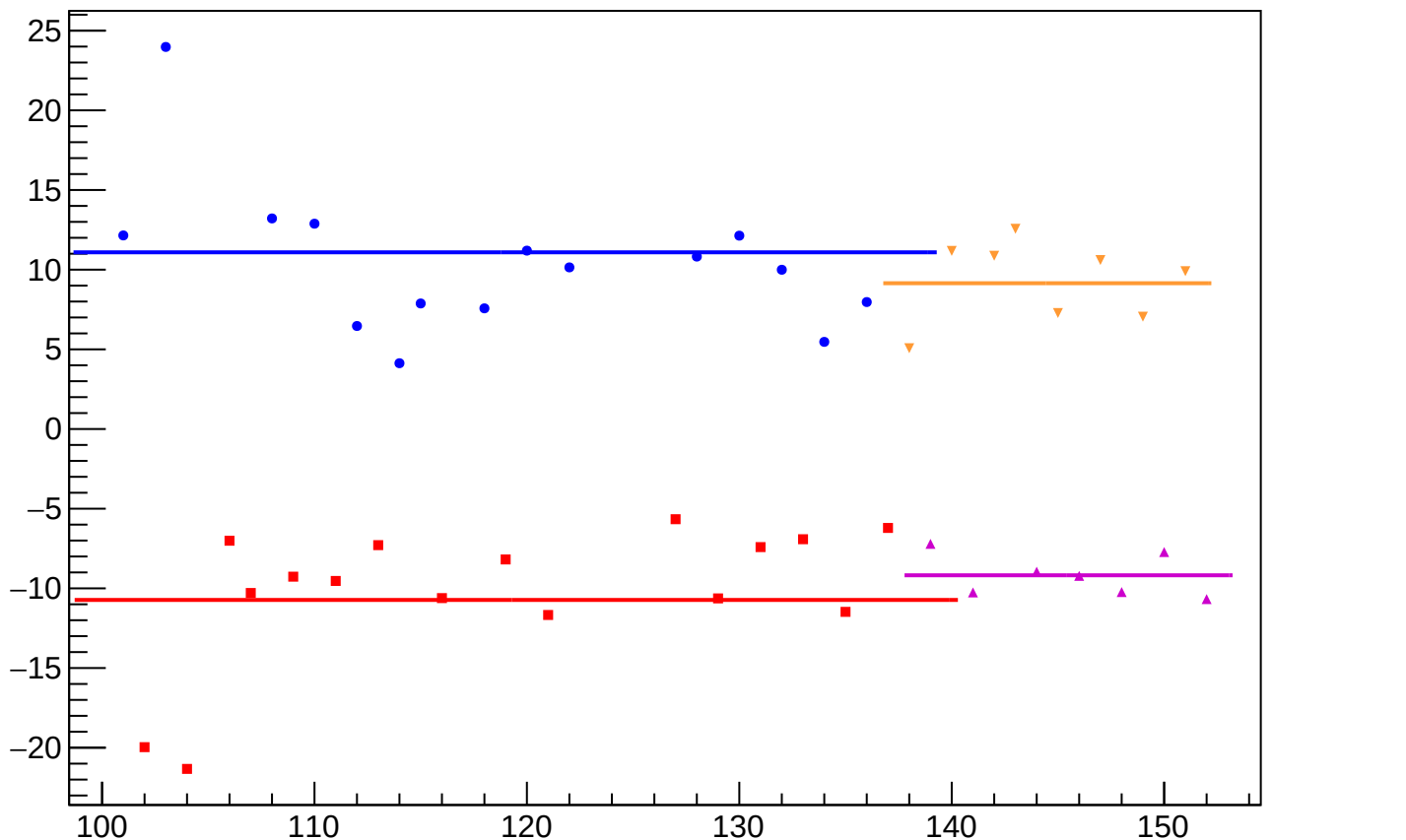
Right: 4.100+/-0.000 χ^2/NDF : 21298342988437283

In: 0.155+/-0.000 χ^2/NDF : 2171862197313157391

Out: 27.857+/-0.000 χ^2/NDF : 19736043349500979

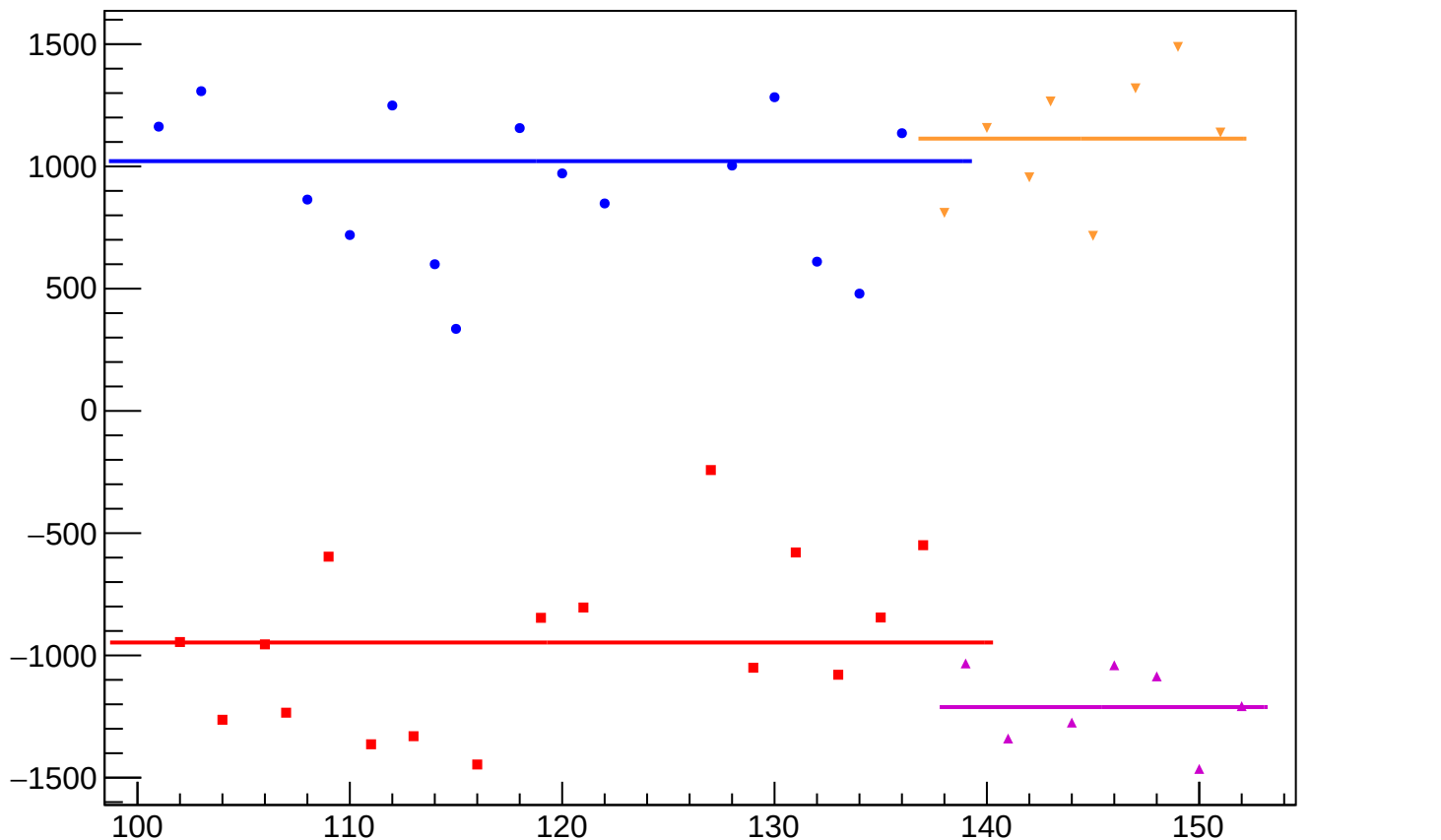
All: 14.067+/-0.000 χ^2/NDF : 4150279906143

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 11.089 ± 0.000 $\chi^2/\text{NDF}: 14235991122014984478163351266918400.0/14$
 Left Out: 9.149 ± 0.000 $\chi^2/\text{NDF}: 3416792994354536167775977343025152.0/7$
 Right Out: -10.728 ± 0.000 $\chi^2/\text{NDF}: 14767238290725260908081124437131264.0/15$
 Left In: -9.180 ± 0.000 $\chi^2/\text{NDF}: 899492020215063275884366528512000.0/6$
 All: -0.016 ± 0.000 $\chi^2/\text{NDF}: 2900834208309$

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1113.744+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 38023893801940446731487834354860687360.0/7

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: -55.614+/-0.000 χ^2/NDF : 1664213911076140

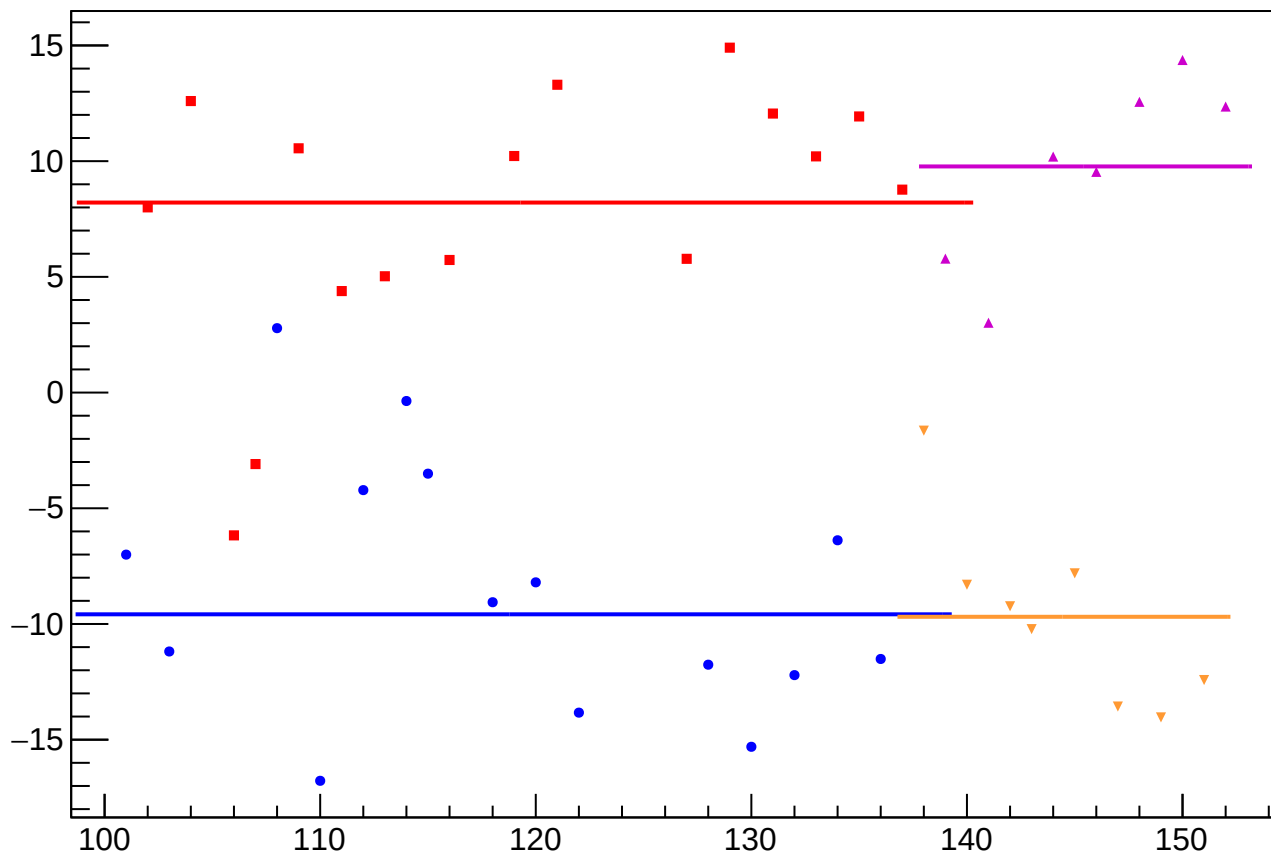
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 22.781+/-0.000 χ^2/NDF : 14390819914243953

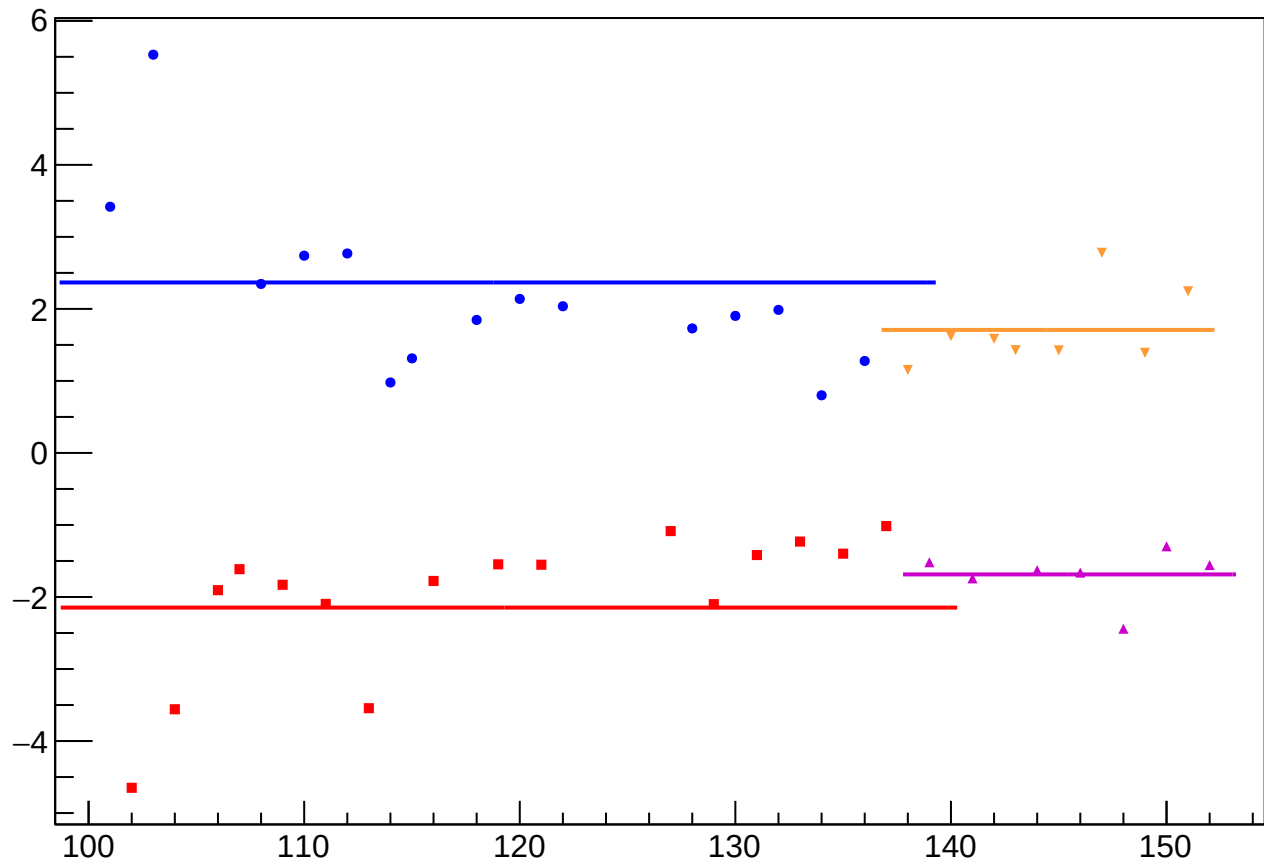
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_4aY_coil7_mean vs Slug, Sign Corrected



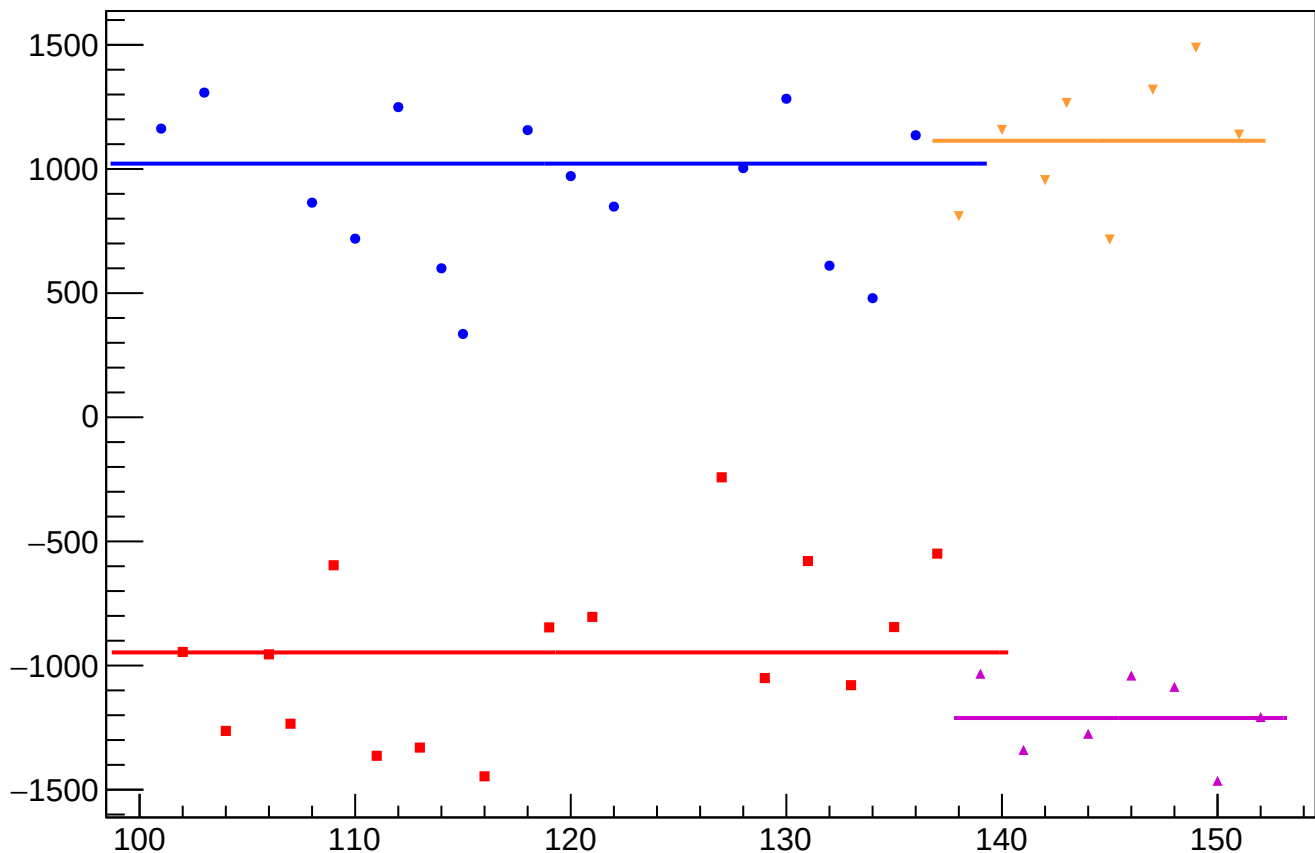
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -9.689 ± 0.000 $\chi^2/\text{NDF}: 8853883990764084924095167268388864.0/7$
 Right Out: 8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: 9.772 ± 0.000 $\chi^2/\text{NDF}: 8345848328246376065259069625073664.0/6$
 All: -0.249 ± 0.000 $\chi^2/\text{NDF}: 2675785850220$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14
 Left Out: 1.708 $\pm$ 0.000 χ^2 /NDF: 157260513147707339976165218582528.0/7
 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: 0.042 $\pm$ 0.000 χ^2 /NDF: 12052147959423

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1113.744+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 38023893801940446731487834354860687360.0/7

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: -55.614+/-0.000 χ^2/NDF : 1664213911076140

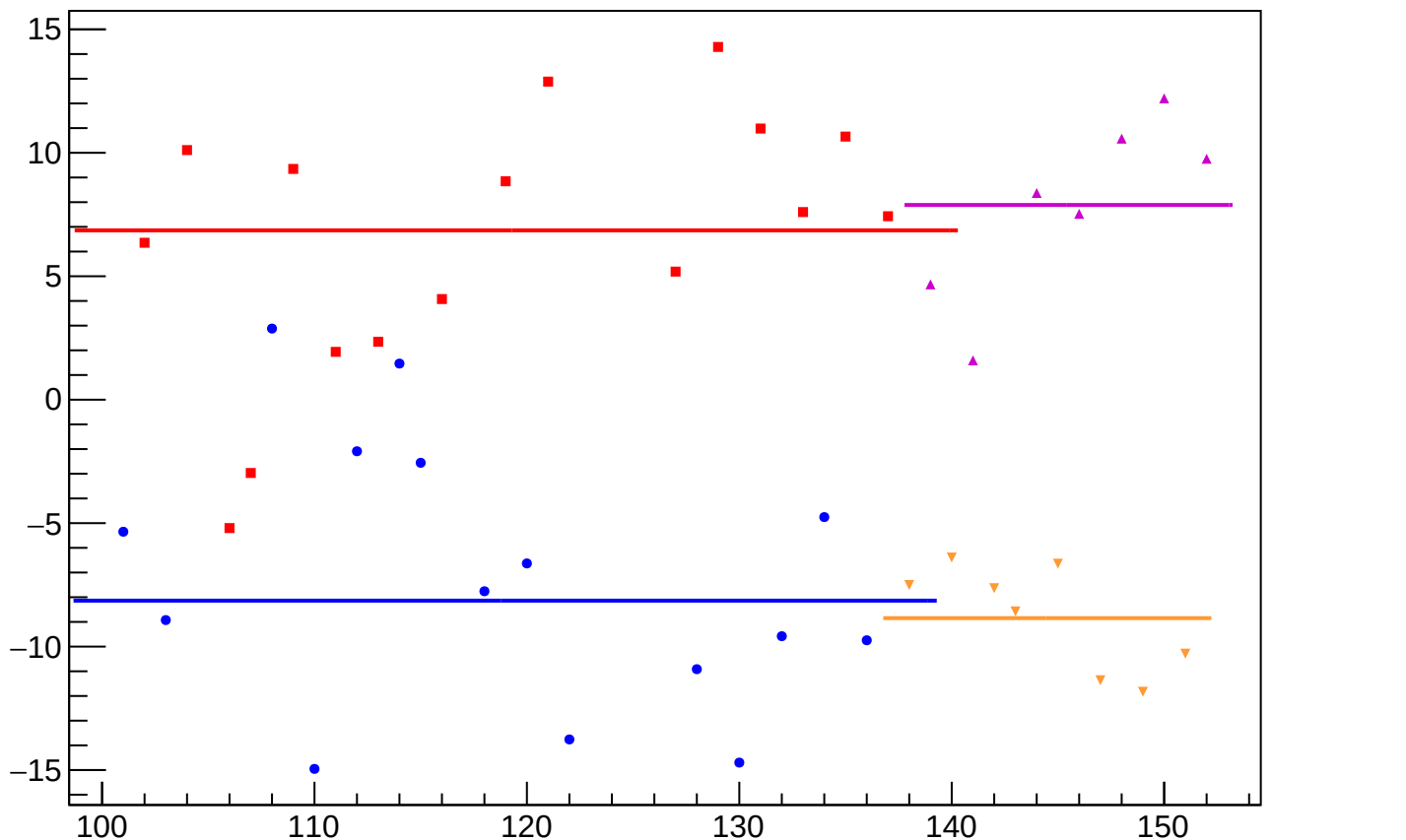
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 22.781+/-0.000 χ^2/NDF : 14390819914243953

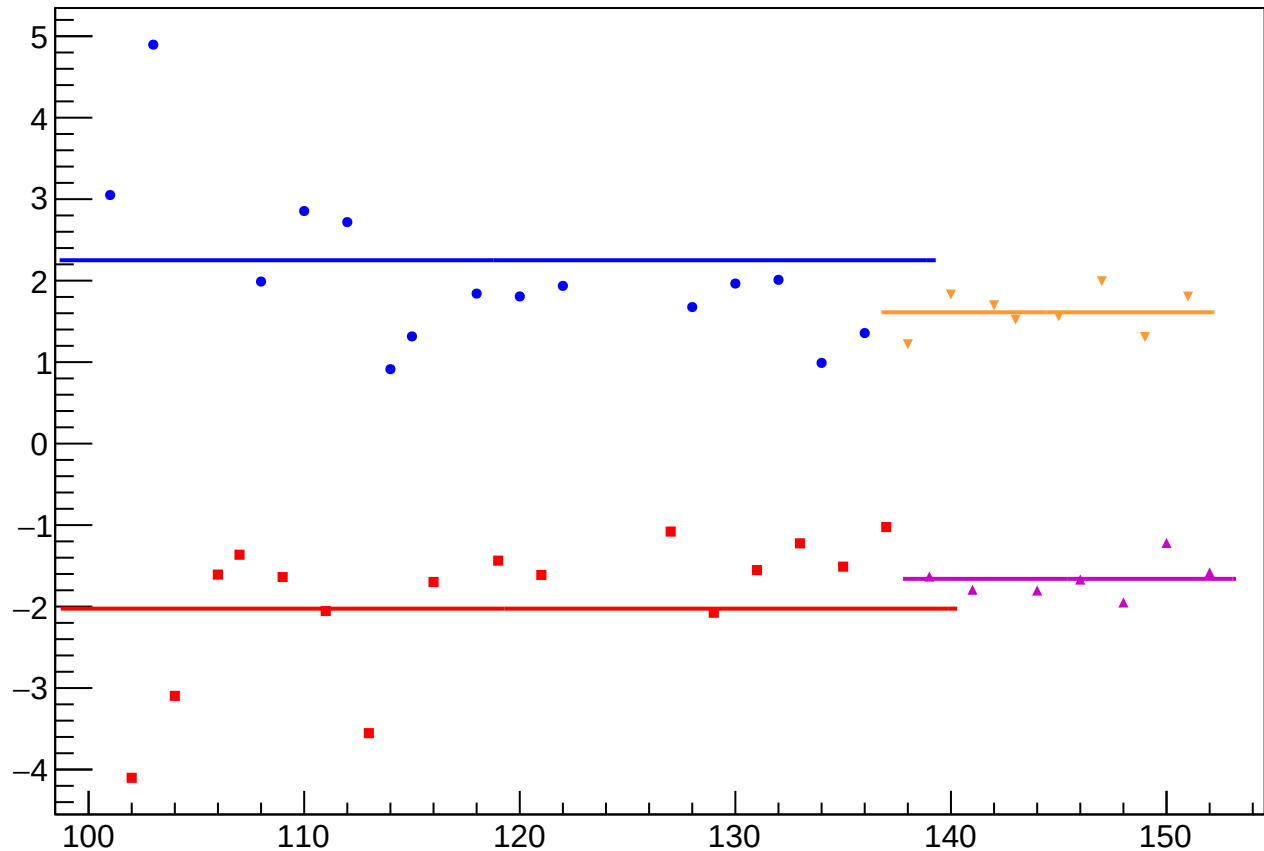
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_4eY_coil7_mean vs Slug, Sign Corrected



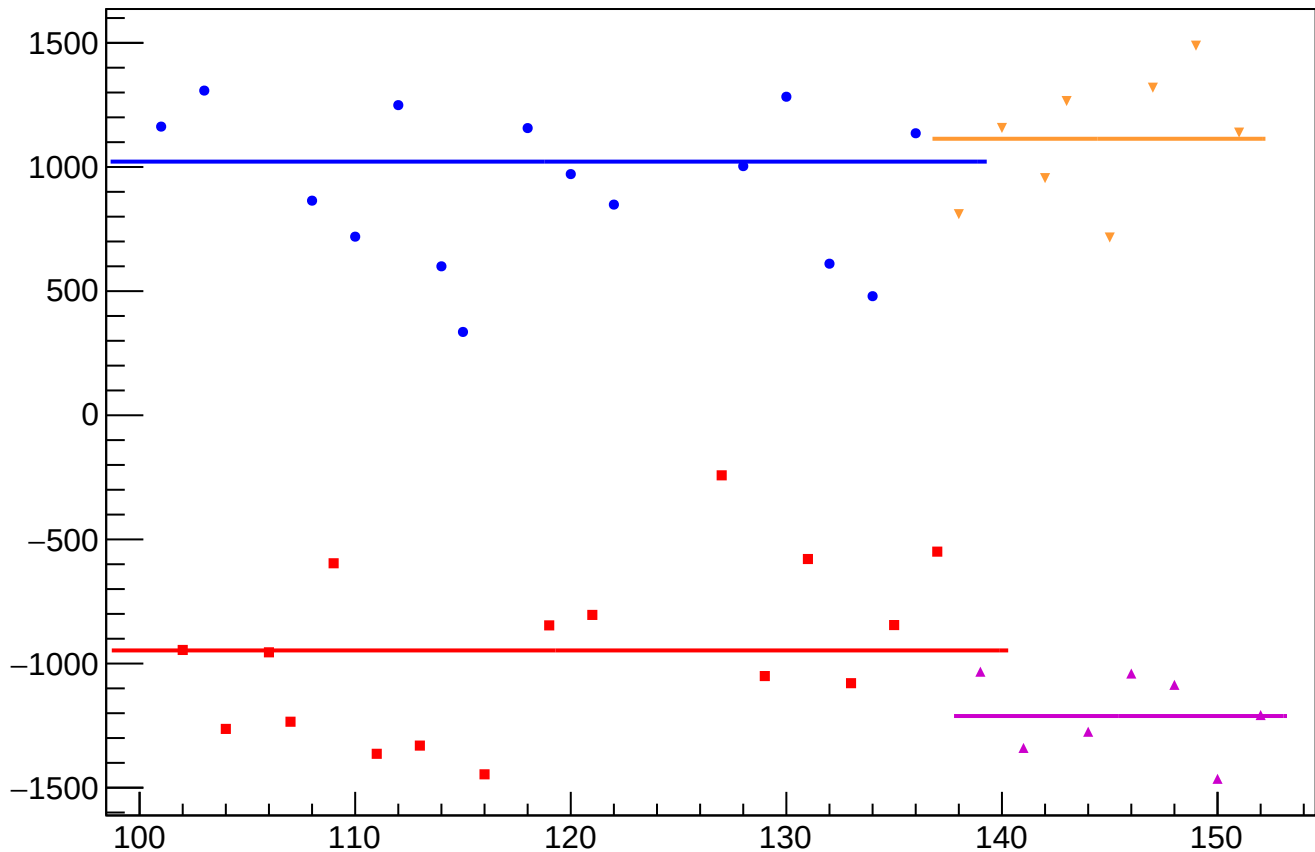
Left: -0.431 ± 0.000 χ^2/NDF : 92842189560068290
 Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14
 Left Out: -8.846 ± 0.000 χ^2/NDF : 2500915542860986795148050155175936.0/7
 Right Out: 6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15
 Left In: 7.886 ± 0.000 χ^2/NDF : 6842664197540595954155671766695936.0/6
 All: -0.487 ± 0.000 χ^2/NDF : 1979967893695

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



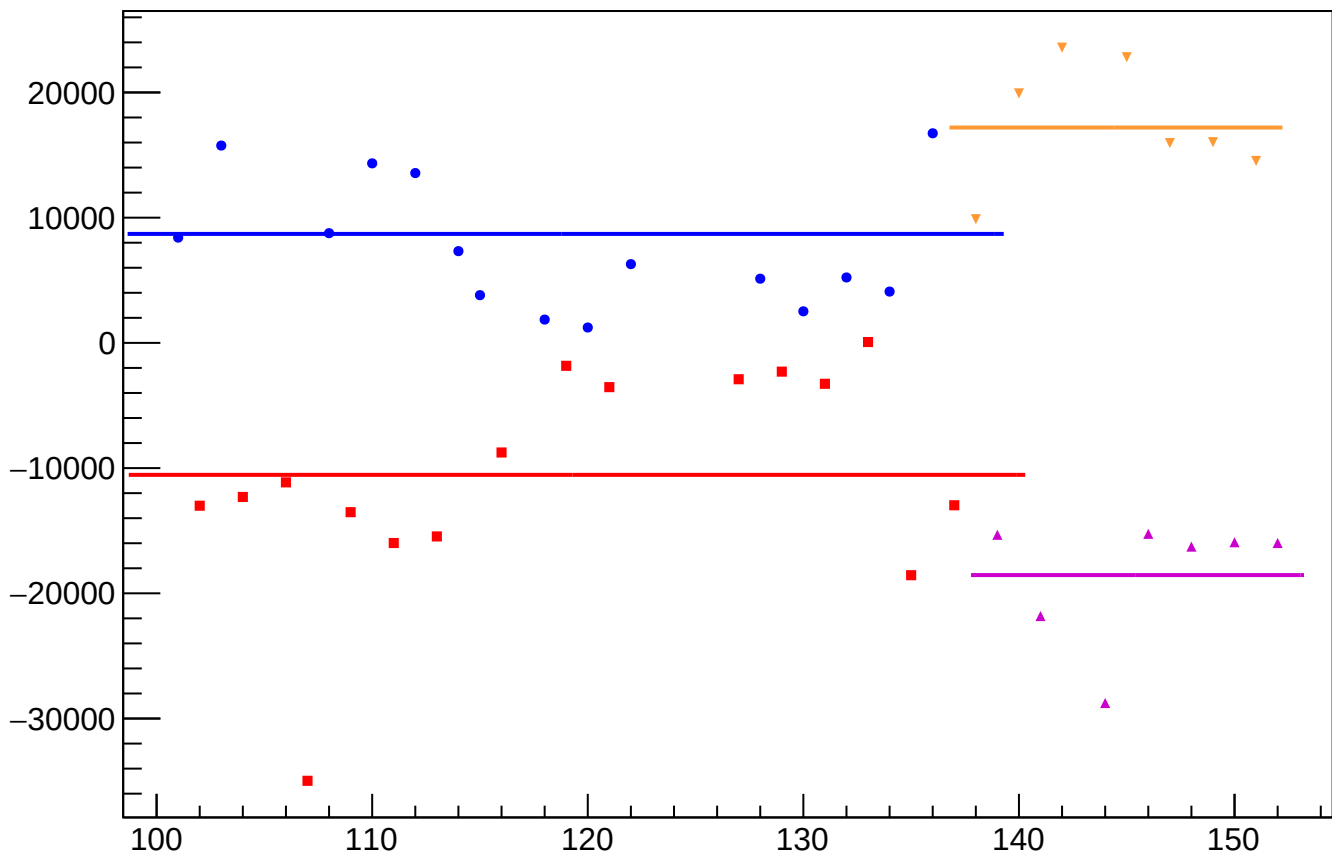
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.612+/-0.000 χ^2/NDF : 39030215072574265738916245012480.0/7
 Right Out: -2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.660+/-0.000 χ^2/NDF : 28688127813716290993390675296256.0/6
 All: 0.028+/-0.000 χ^2/NDF : 10517423046423

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



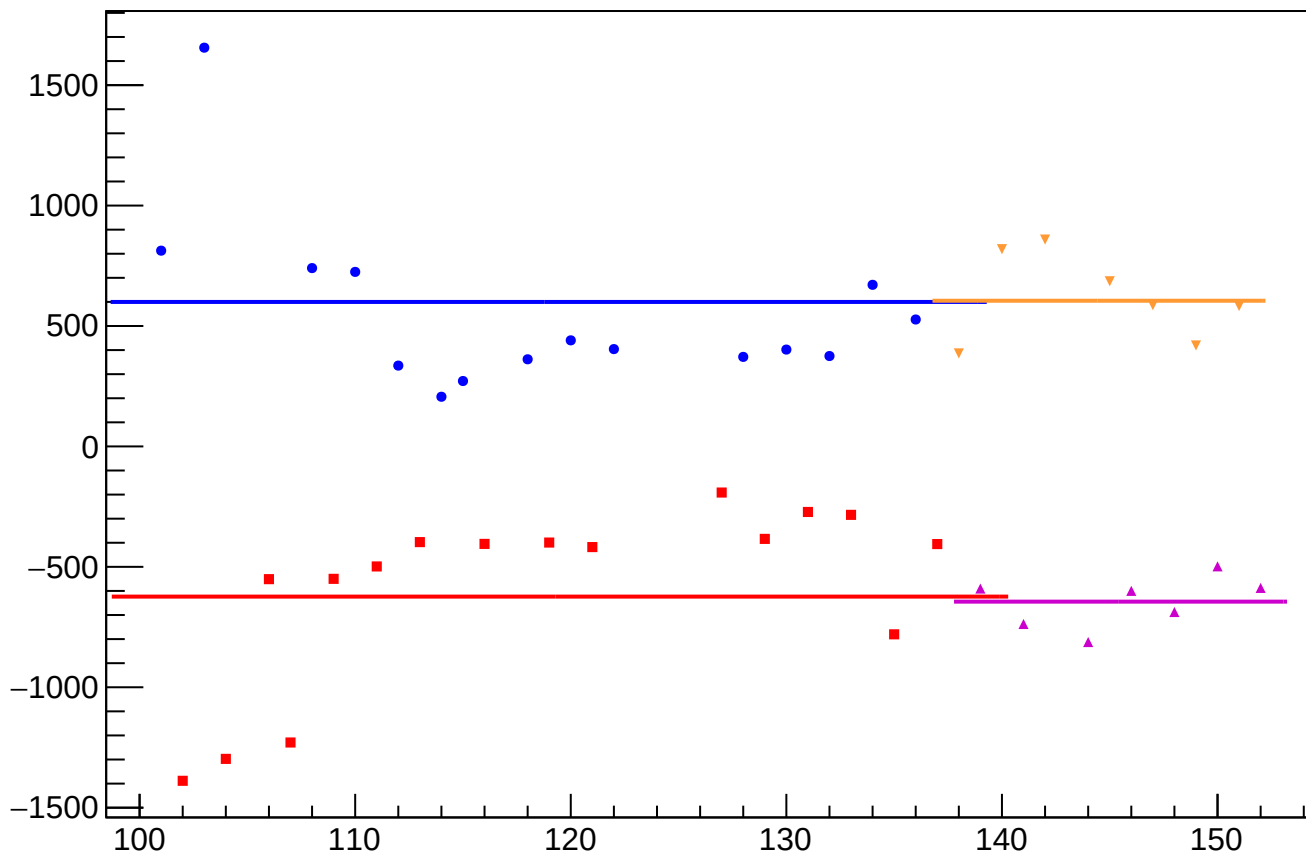
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: -55.614+/-0.000	χ^2/NDF : 1664213911076140
Left Out: 1113.744+/-0.000	χ^2/NDF : 38023893801940446731487834354860687360.0/7	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -51.020+/-0.000	χ^2/NDF : 16090008631769073
Left In: -1211.328+/-0.000	χ^2/NDF : 13918001771304500898480106304308248576.0/6	Out: 22.781+/-0.000	χ^2/NDF : 14390819914243953
	All: -13.958+/-0.000	χ^2/NDF : 305149915808	

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1846.678+/-0.000 χ^2/NDF : 38164561820331
 Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Right: -1049.596+/-0.000 χ^2/NDF : 1875271262832
 Left Out: 17199.374+/-0.000 χ^2/NDF : 9997038504784365086278350122574529167360.0/6
 In: -4385.722+/-0.000 χ^2/NDF : 264525586644750
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Out: 1690.813+/-0.000 χ^2/NDF : 282502266094546
 Left In: -18543.717+/-0.000 χ^2/NDF : 13566316427770663910797989880165082071040.0/6
 All: -1417.128+/-0.000 χ^2/NDF : 5695582711

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 599.849+/-0.000

χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 604.862+/-0.000

χ^2/NDF : 13942259997550518604849728331762892800.0/6

Right Out: -623.569+/-0.000

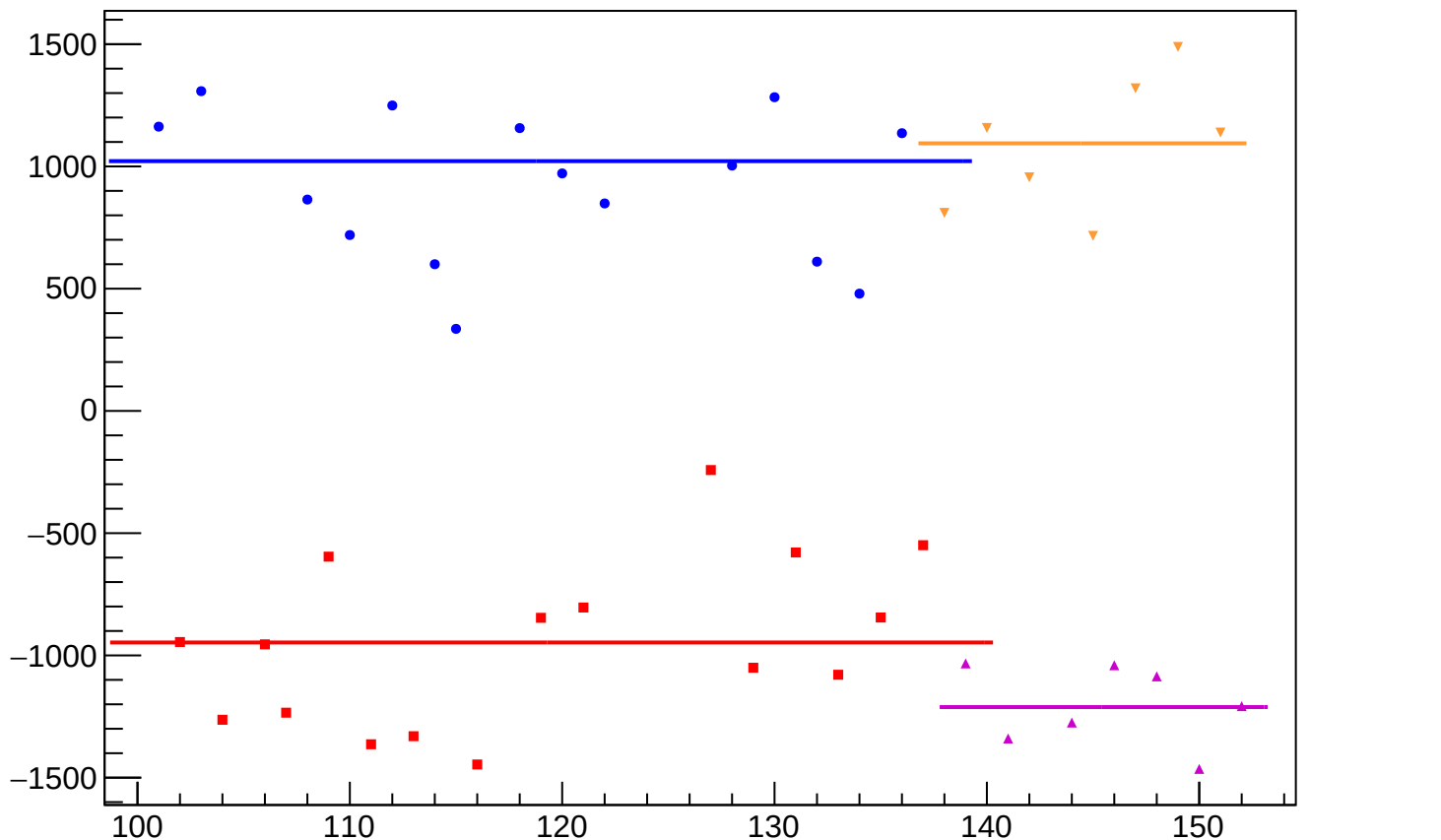
χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: -644.485+/-0.000

χ^2/NDF : 6036830192828769664216800731464728576.0/6

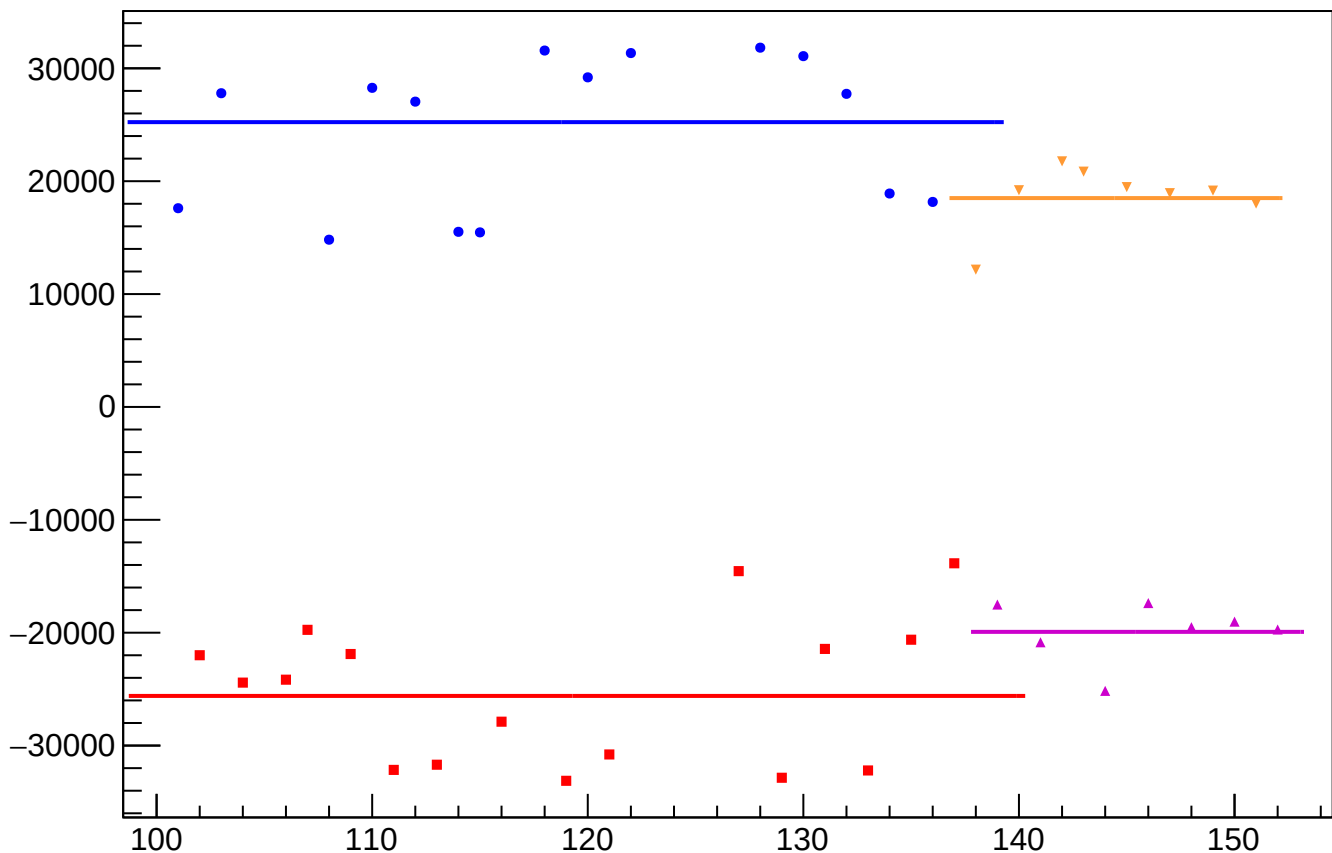
All: -38.965+/-0.000 χ^2/NDF : 114151520429

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



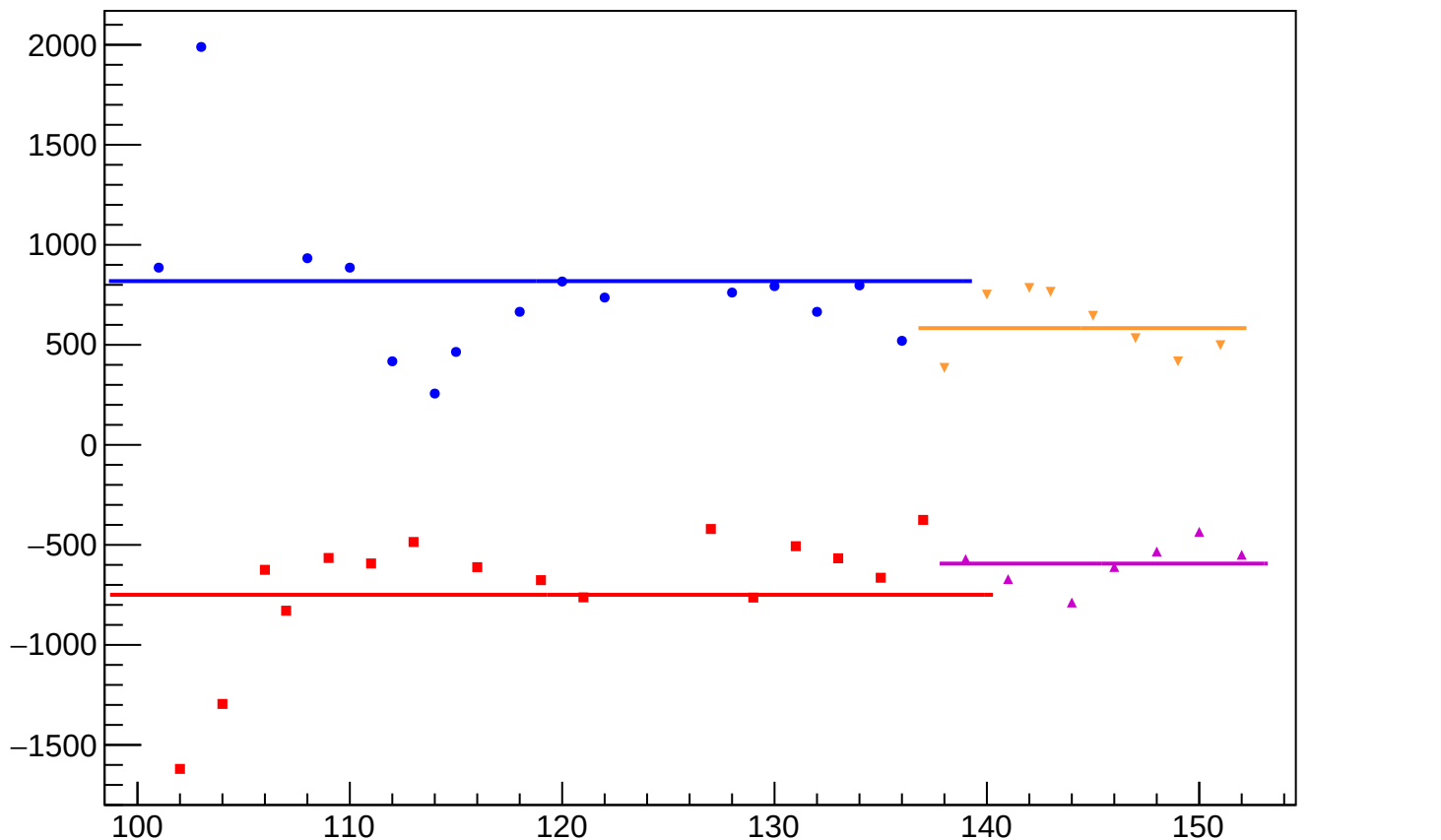
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1094.392+/-0.000 χ^2/NDF : 36280404862467906743583133552670146560.0/6
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: -49.066+/-0.000 χ^2/NDF : 293877987458

dit_usr_coil7_mean vs Slug, Sign Corrected



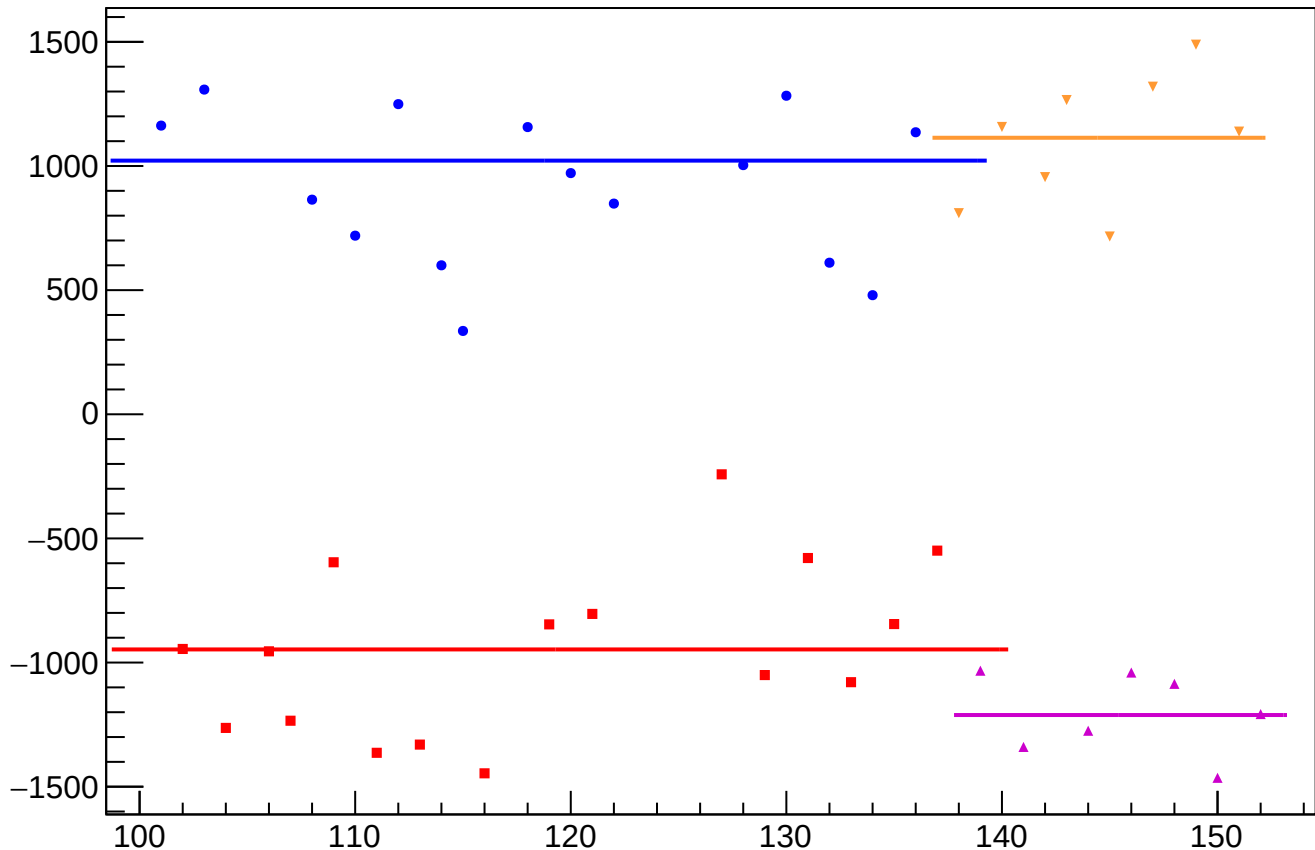
Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18503.567+/-0.000 χ^2/NDF : 4177630503948041296608319648918239444992.0/7
 Right Out: -25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -19926.031+/-0.000 χ^2/NDF : 3611623525531522297290525080171671715840.0/6
 All: -670.950+/-0.000 χ^2/NDF : 13471830058

dit_usr_coil7_err_mean vs Slug, Sign Corrected



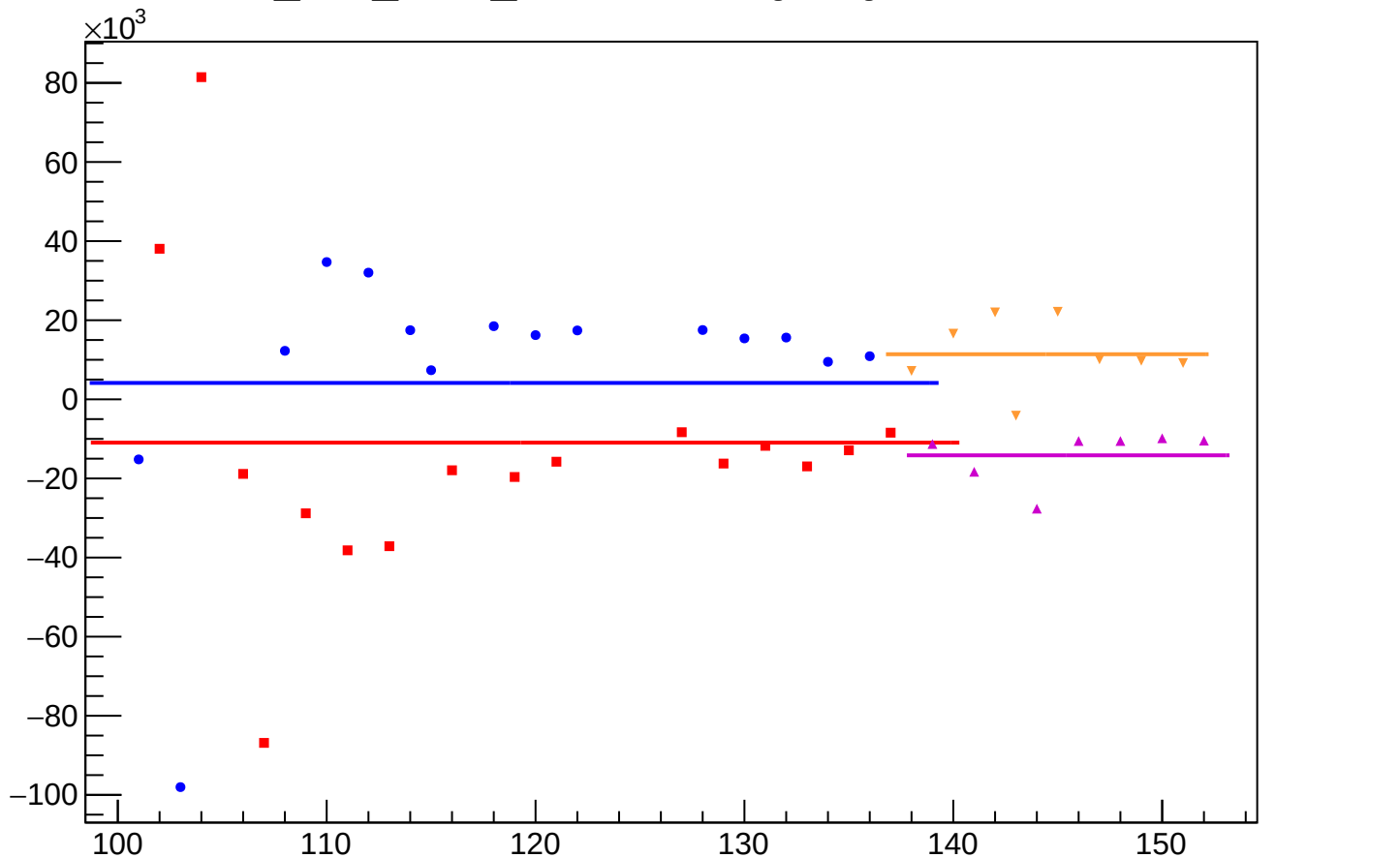
Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14
 Left Out: 583.722 $\pm$ 0.000 χ^2 /NDF: 12834590307195480712602297169594023936.0/7
 Right Out: -749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15
 Left In: -593.573 $\pm$ 0.000 χ^2 /NDF: 6702340826118449032852812596844167168.0/6
 All: 8.487 $\pm$ 0.000 χ^2 /NDF: 14262058721732

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



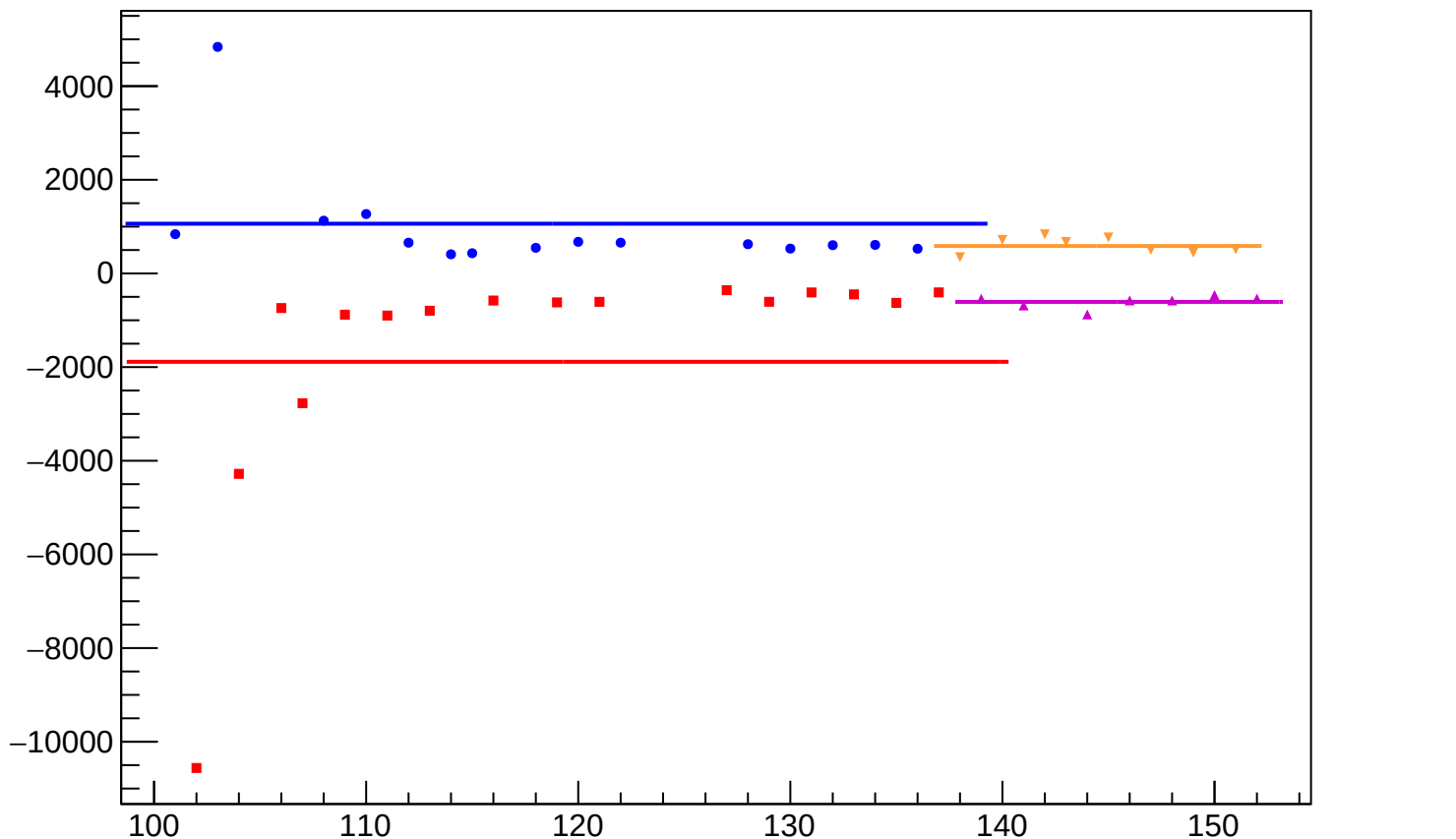
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: -55.614+/-0.000	χ^2/NDF : 1664213911076140
Left Out: 1113.744+/-0.000	χ^2/NDF : 38023893801940446731487834354860687360.0/7	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -51.020+/-0.000	χ^2/NDF : 16090008631769073
Left In: -1211.328+/-0.000	χ^2/NDF : 13918001771304500898480106304308248576.0/6	Out: 22.781+/-0.000	χ^2/NDF : 14390819914243953
		All: -13.958+/-0.000	χ^2/NDF : 305149915808

dit_atl1_coil7_mean vs Slug, Sign Corrected



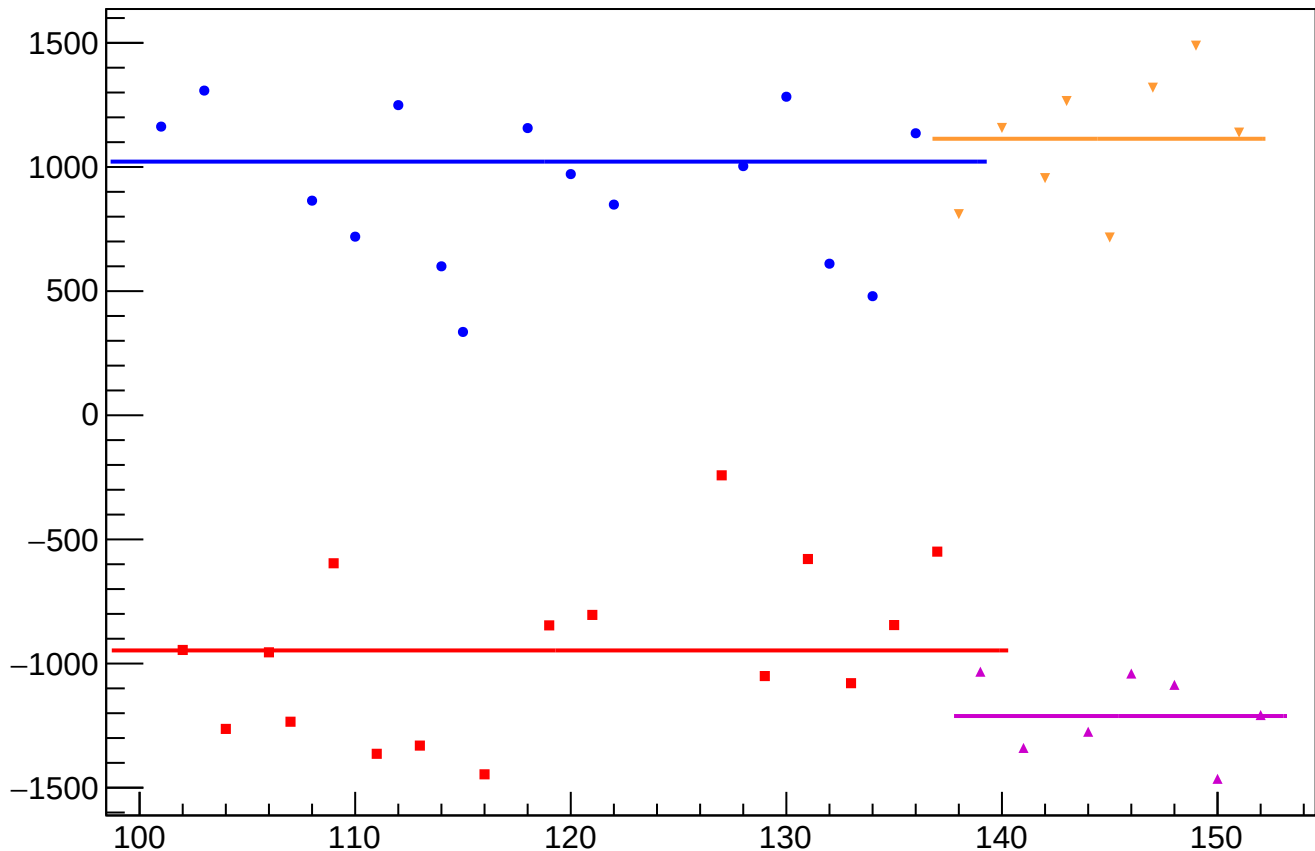
Left: -1452.051 ± 0.000 $\chi^2/\text{NDF}: 25316769196074$
 Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Right: -3504.625 ± 0.000 $\chi^2/\text{NDF}: 1712578788282$
 Left Out: 11401.343 ± 0.000 $\chi^2/\text{NDF}: 34983503809151796499758522834502402703360.0/7$
 In: -4646.128 ± 0.000 $\chi^2/\text{NDF}: 891499505103728$
 Right Out: -10948.073 ± 0.000 $\chi^2/\text{NDF}: 873949668510327201514601463115396191092736.0/15$
 Out: -429.658 ± 0.000 $\chi^2/\text{NDF}: 106573183804054$
 Left In: -14155.488 ± 0.000 $\chi^2/\text{NDF}: 23388422259652820802373329820332628901888.0/6$
 All: -2528.650 ± 0.000 $\chi^2/\text{NDF}: 1968382771$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -14.087 +/- 0.000 χ^2/NDF : 4492569649811487
 Right In: 1062.141 +/- 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Right: -432.638 +/- 0.000 χ^2/NDF : 93397475225812
 Left Out: 586.302 +/- 0.000 χ^2/NDF : 14439919307610920622141190700317802496.0/7
 In: 260.085 +/- 0.000 χ^2/NDF : 18316928706278673
 Right Out: -1887.077 +/- 0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Out: -723.018 +/- 0.000 χ^2/NDF : 746071152330734
 Left In: -607.472 +/- 0.000 χ^2/NDF : 9796722886503236630539038281571500032.0/6
 All: -233.622 +/- 0.000 χ^2/NDF : 98986250205

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1113.744+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 38023893801940446731487834354860687360.0/7

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: -55.614+/-0.000 χ^2/NDF : 1664213911076140

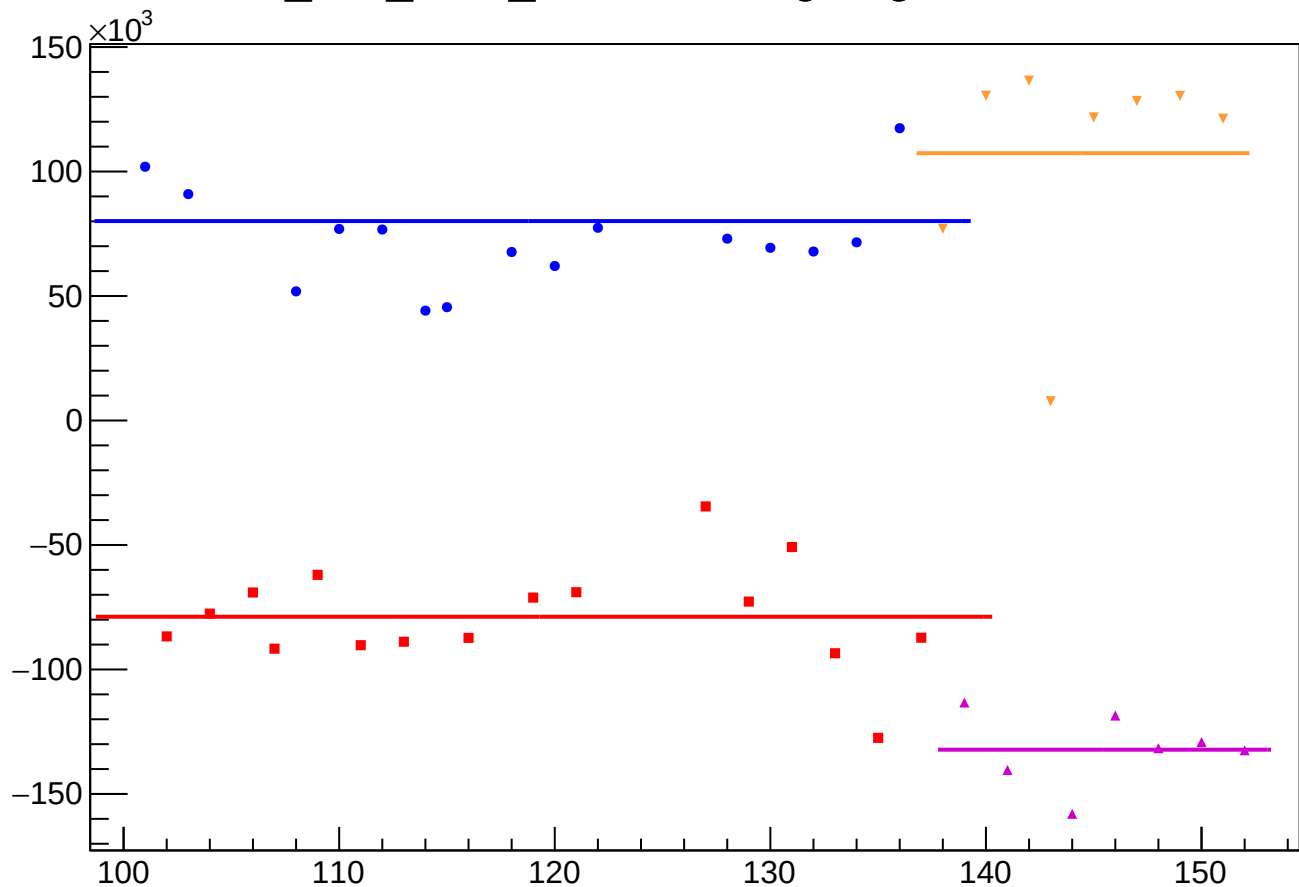
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 22.781+/-0.000 χ^2/NDF : 14390819914243953

All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 80102.504+/-0.000

Left: -13131.781+/-0.000 χ^2/NDF : 1815705181897

Left Out: 107354.834+/-0.000

Right: -443.492+/-0.000 χ^2/NDF : 88479516524724

Right Out: -78815.832+/-0.000

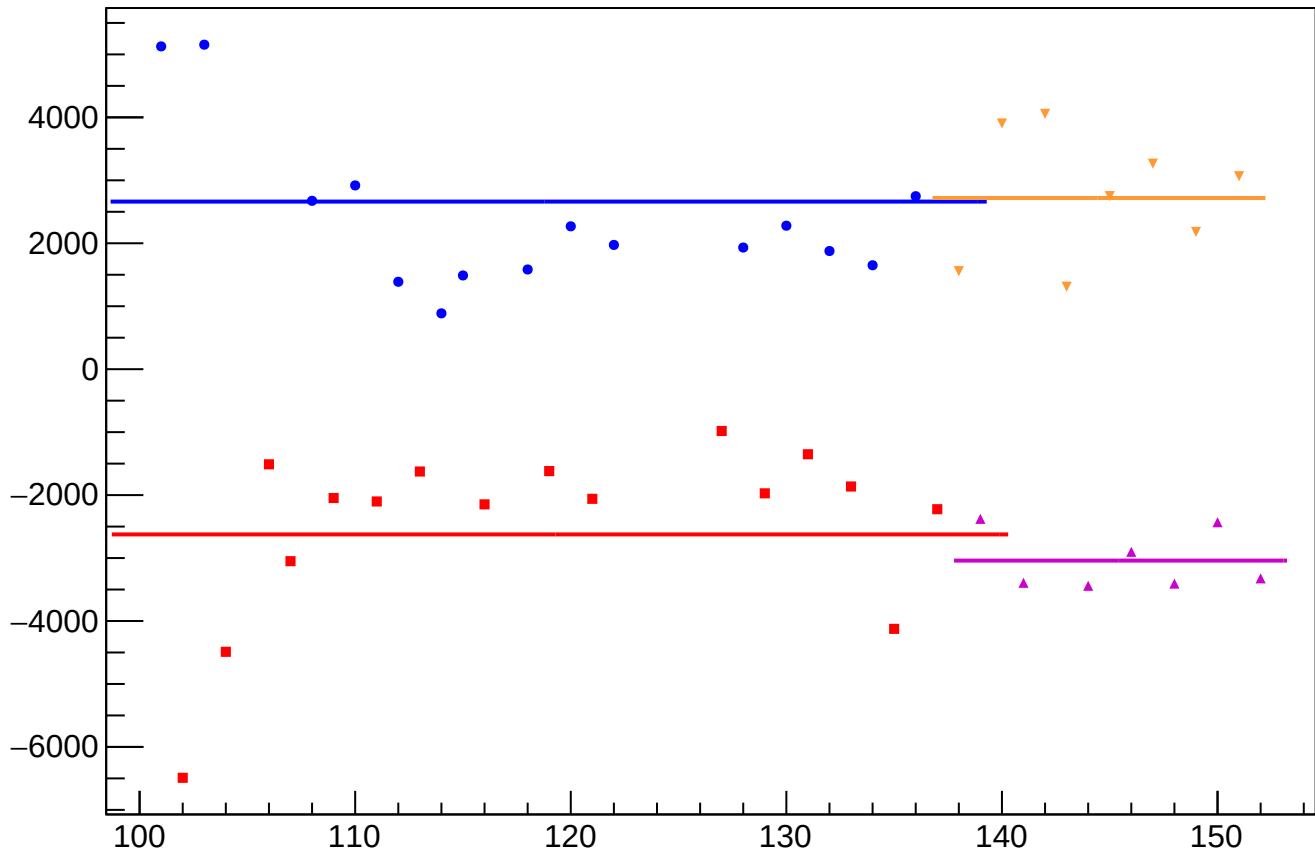
In: -21890.397+/-0.000 χ^2/NDF : 14418630427186

Left In: -132212.718+/-0.000

Out: 8802.584+/-0.000 χ^2/NDF : 120962177973426

All: -6476.624+/-0.000 χ^2/NDF : 2710574343

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000

χ^2/NDF : 1031389230165640157864439705583367487488.0/14

Left Out: 2718.935+/-0.000

χ^2/NDF : 492344633180880715899275602904183996416.0/7

Right Out: -2624.696+/-0.000

χ^2/NDF : 1566705216866534713590934835660406652928.0/15

Left In: -3040.252+/-0.000

χ^2/NDF : 114012750172084712276400876683104616448.0/6

Left: -177.555+/-0.000

χ^2/NDF : 104984451642652

Right: -17.413+/-0.000

χ^2/NDF : 117922842657675

In: -77.177+/-0.000

χ^2/NDF : 11283448336080752

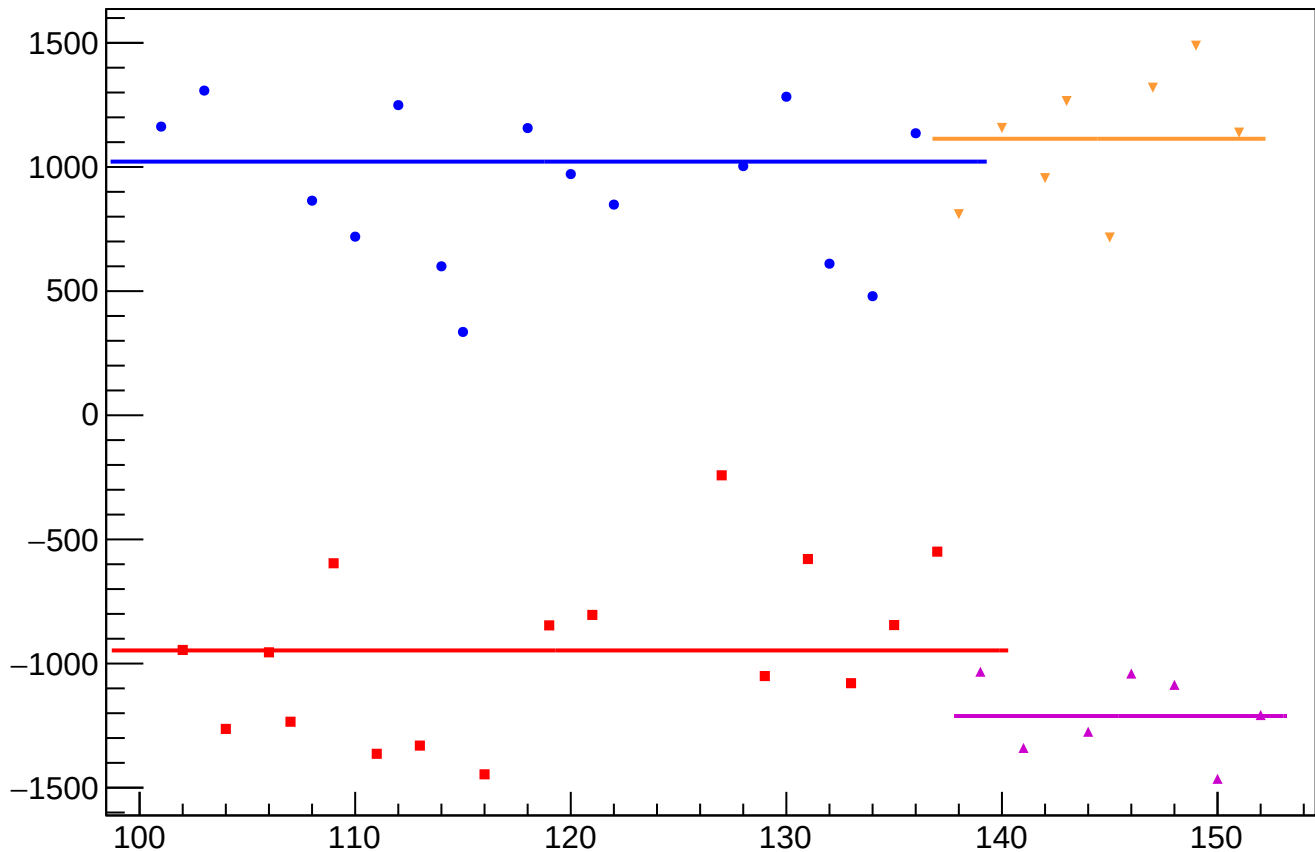
Out: -109.797+/-0.000

χ^2/NDF : 110226610833339

All: -93.558+/-0.000

χ^2/NDF : 223067768125

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1113.744+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 38023893801940446731487834354860687360.0/7

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: -55.614+/-0.000 χ^2/NDF : 1664213911076140

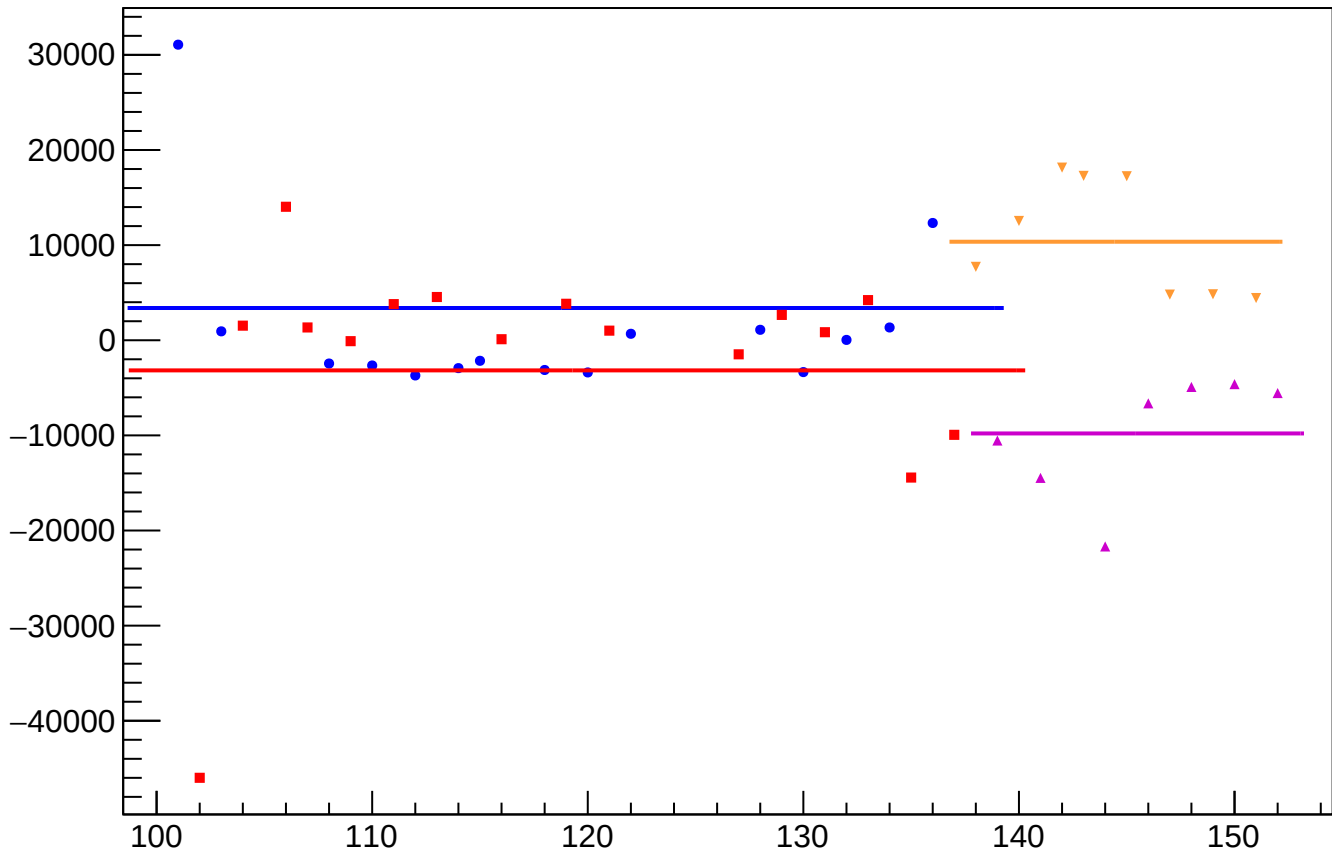
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 22.781+/-0.000 χ^2/NDF : 14390819914243953

All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000

χ^2/NDF : 65871927441553256724179194556280173756416.0/14

Left Out: 10357.246+/-0.000

χ^2/NDF : 18446367581307024428525224371389156294656.0/7

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: 221.419+/-0.000 χ^2/NDF : 1608916205823820

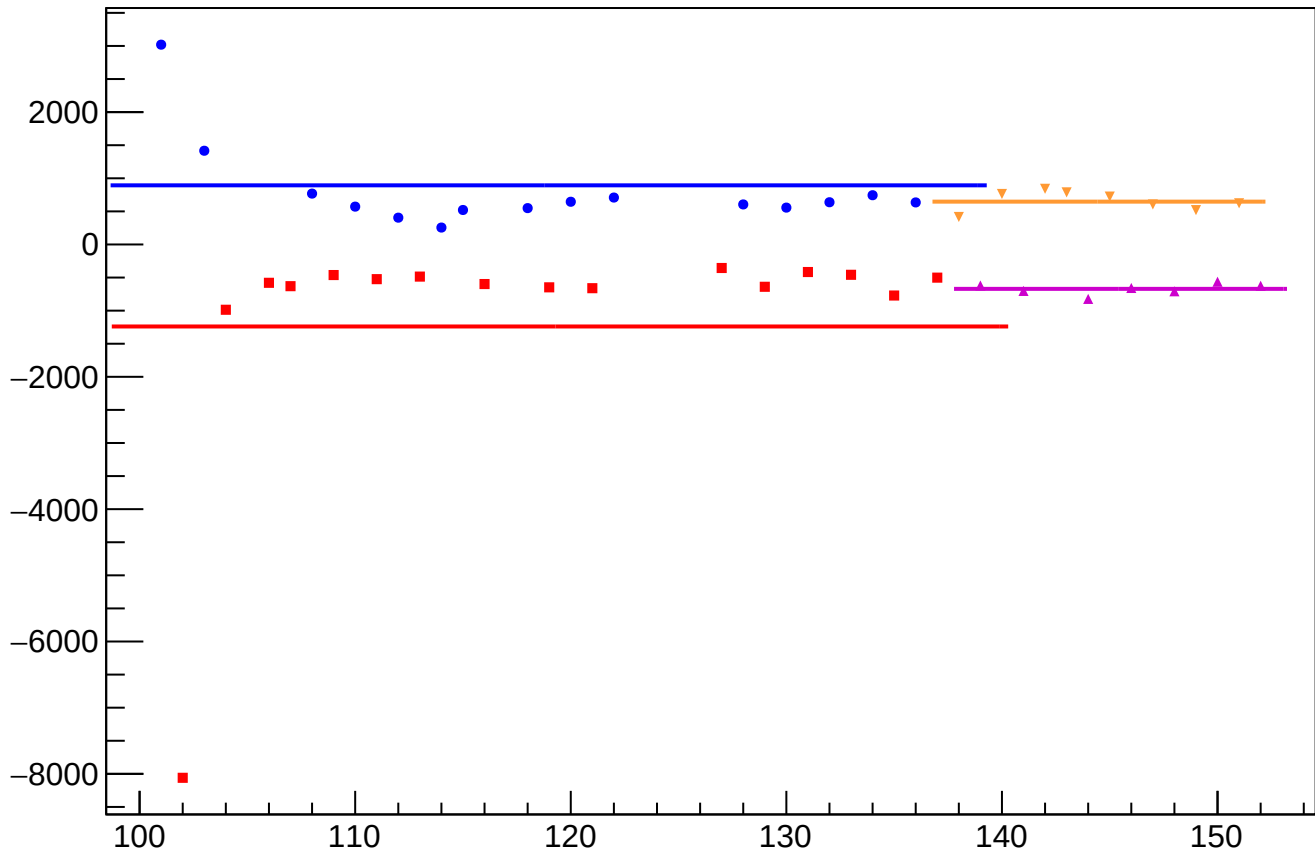
Right: 66.728+/-0.000 χ^2/NDF : 2177723560844725

In: -2944.137+/-0.000 χ^2/NDF : 141397586569774

Out: 3197.773+/-0.000 χ^2/NDF : 213620032936144

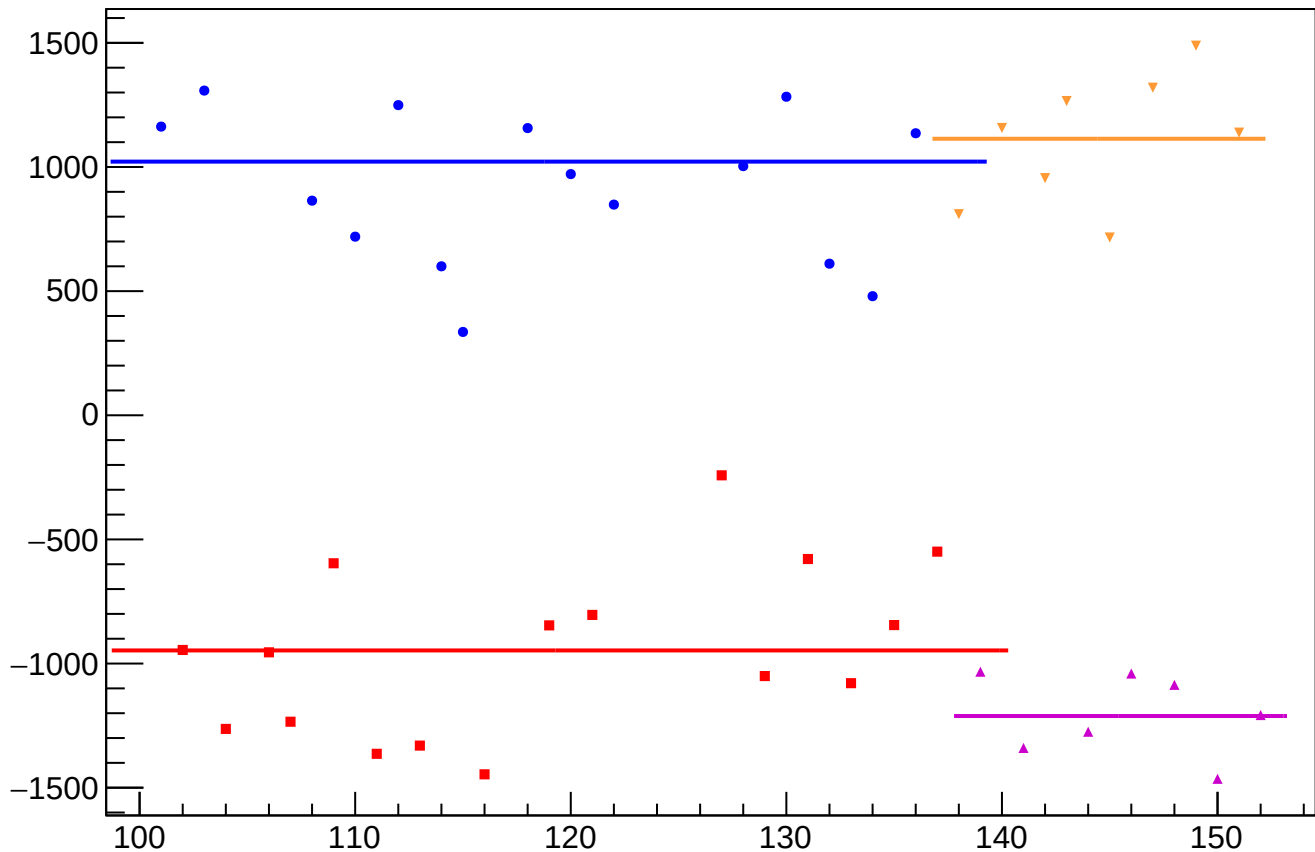
All: 140.282+/-0.000 χ^2/NDF : 378678950274

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 893.683 ± 0.000 $\chi^2/\text{NDF}: 334583619078631008932404228227359309824.0/14$
 Left Out: 647.228 ± 0.000 $\chi^2/\text{NDF}: 10376533716683462086739248058715865088.0/7$
 Right Out: -1239.298 ± 0.000 $\chi^2/\text{NDF}: 2970990859486483990408108918937565003776.0/15$
 Left In: -670.879 ± 0.000 $\chi^2/\text{NDF}: 3715901691079143394895618933975416832.0/6$
 All: -105.753 ± 0.000 $\chi^2/\text{NDF}: 53528195087$

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1113.744+/-0.000

Right Out: -947.145+/-0.000

Left In: -1211.328+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 38023893801940446731487834354860687360.0/7

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 13918001771304500898480106304308248576.0/6

Left: -55.614+/-0.000 χ^2/NDF : 1664213911076140

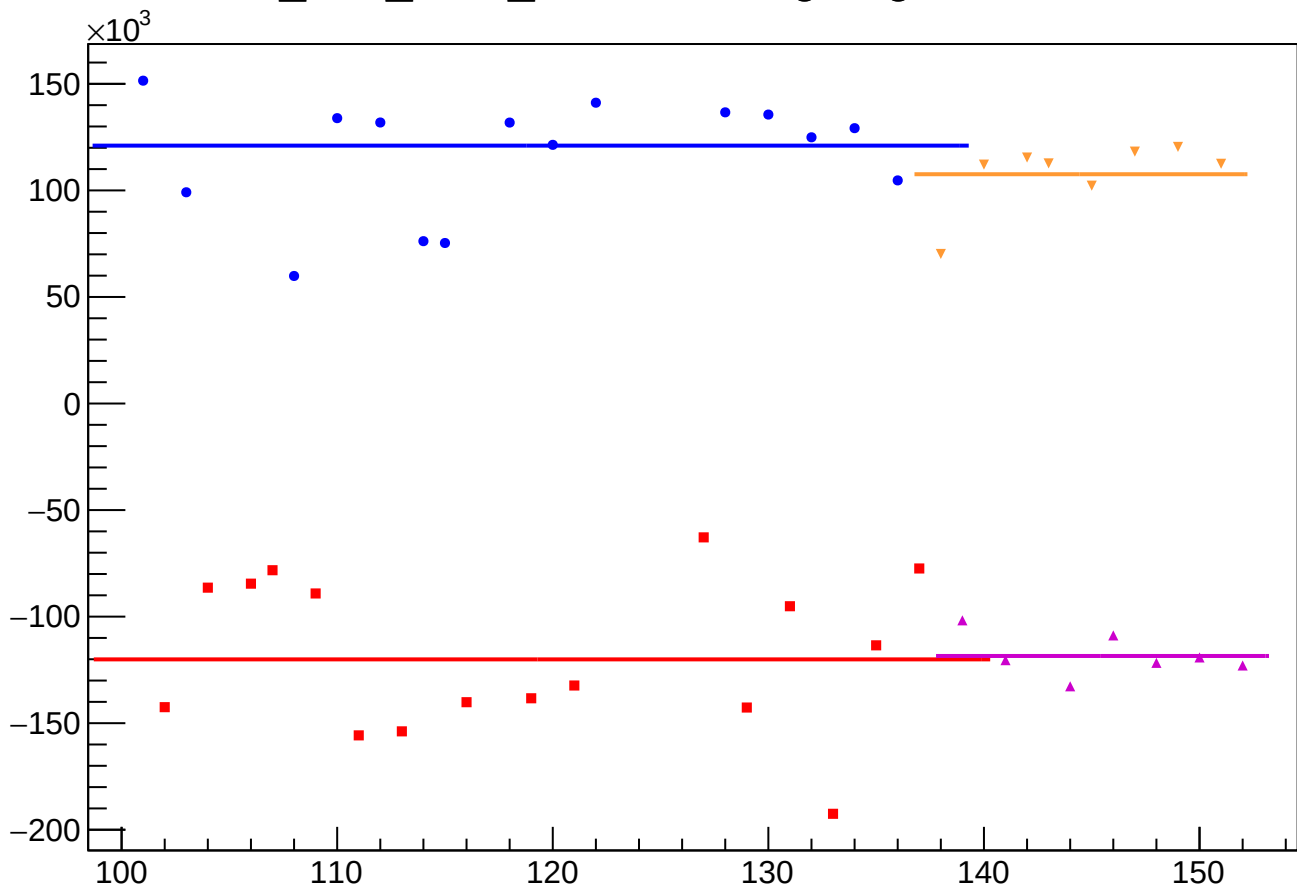
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -51.020+/-0.000 χ^2/NDF : 16090008631769073

Out: 22.781+/-0.000 χ^2/NDF : 14390819914243953

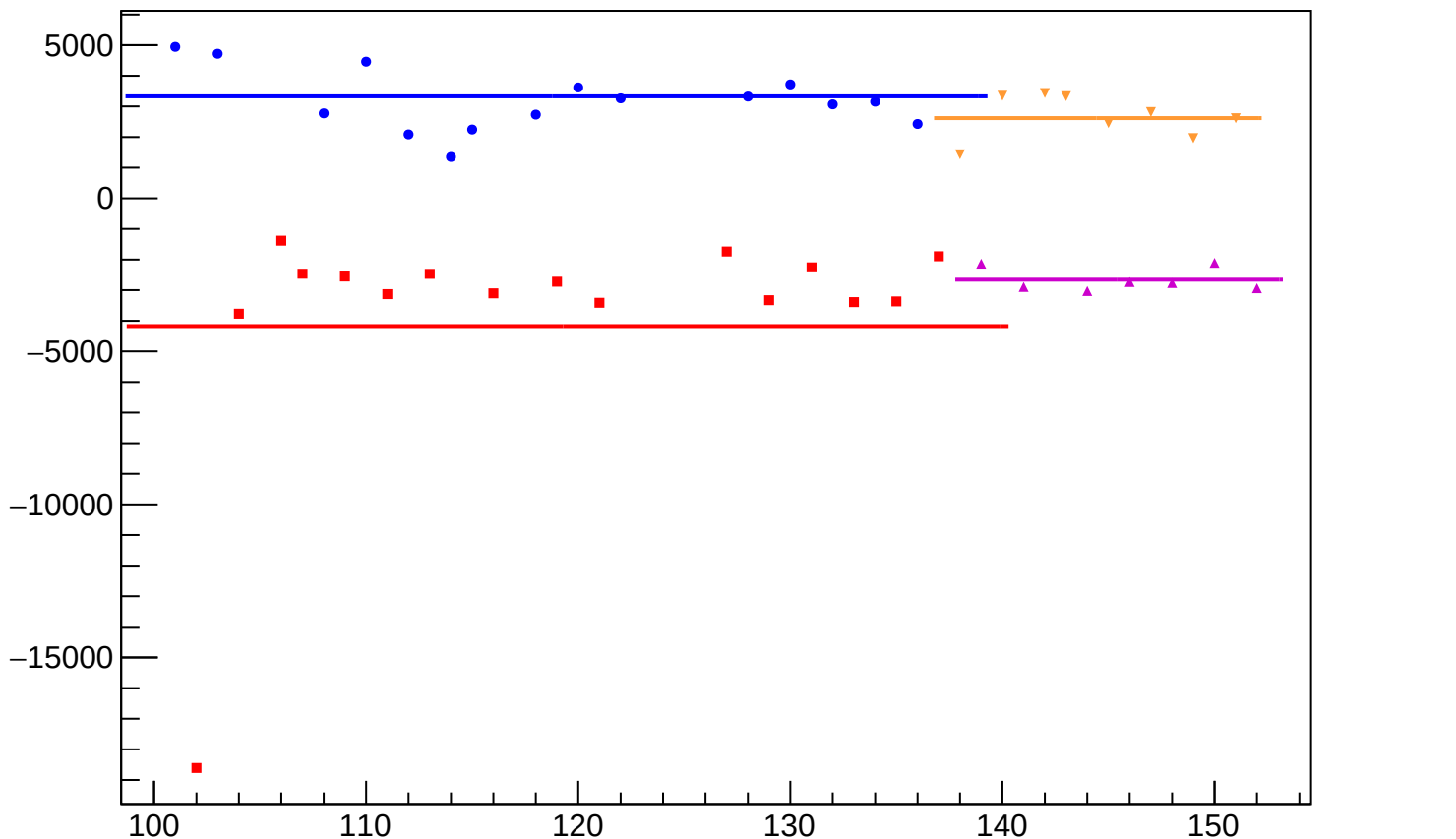
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_atr2_coil7_mean vs Slug, Sign Corrected



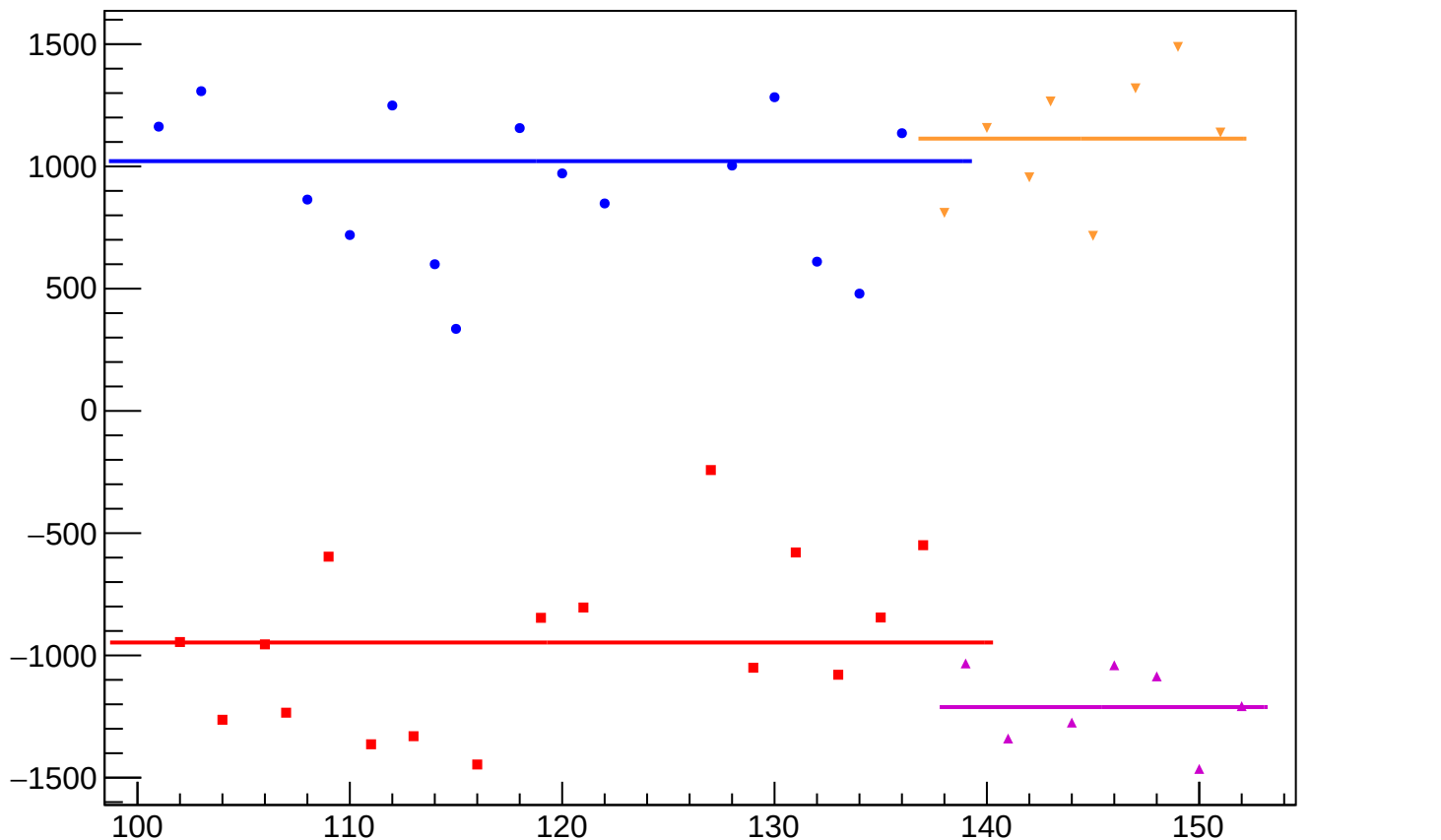
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 107594.578 $\pm$ 0.000 χ^2 /NDF: 142175813399959224978146947327932688760832.0/7
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -118463.564 $\pm$ 0.000 χ^2 /NDF: 51384014179284939663056989355106082226176.0/6
 All: -3513.487 $\pm$ 0.000 χ^2 /NDF: 3575392632

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



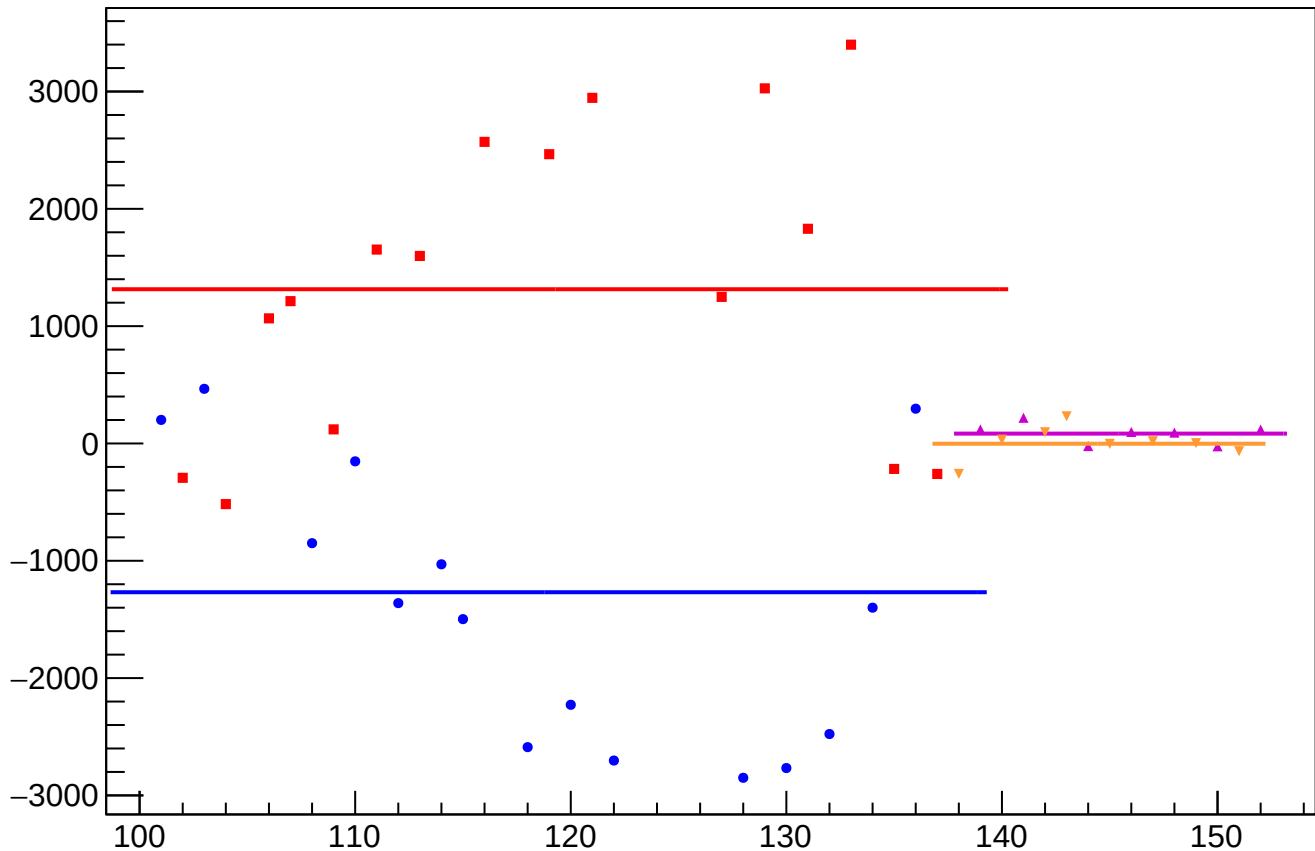
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2618.784+/-0.000 χ^2/NDF : 258955759397106491279873294705526571008.0/7
 Right Out: -4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: -2658.454+/-0.000 χ^2/NDF : 75245749375287830947164194080313835520.0/6
 All: -265.036+/-0.000 χ^2/NDF : 41342463596

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



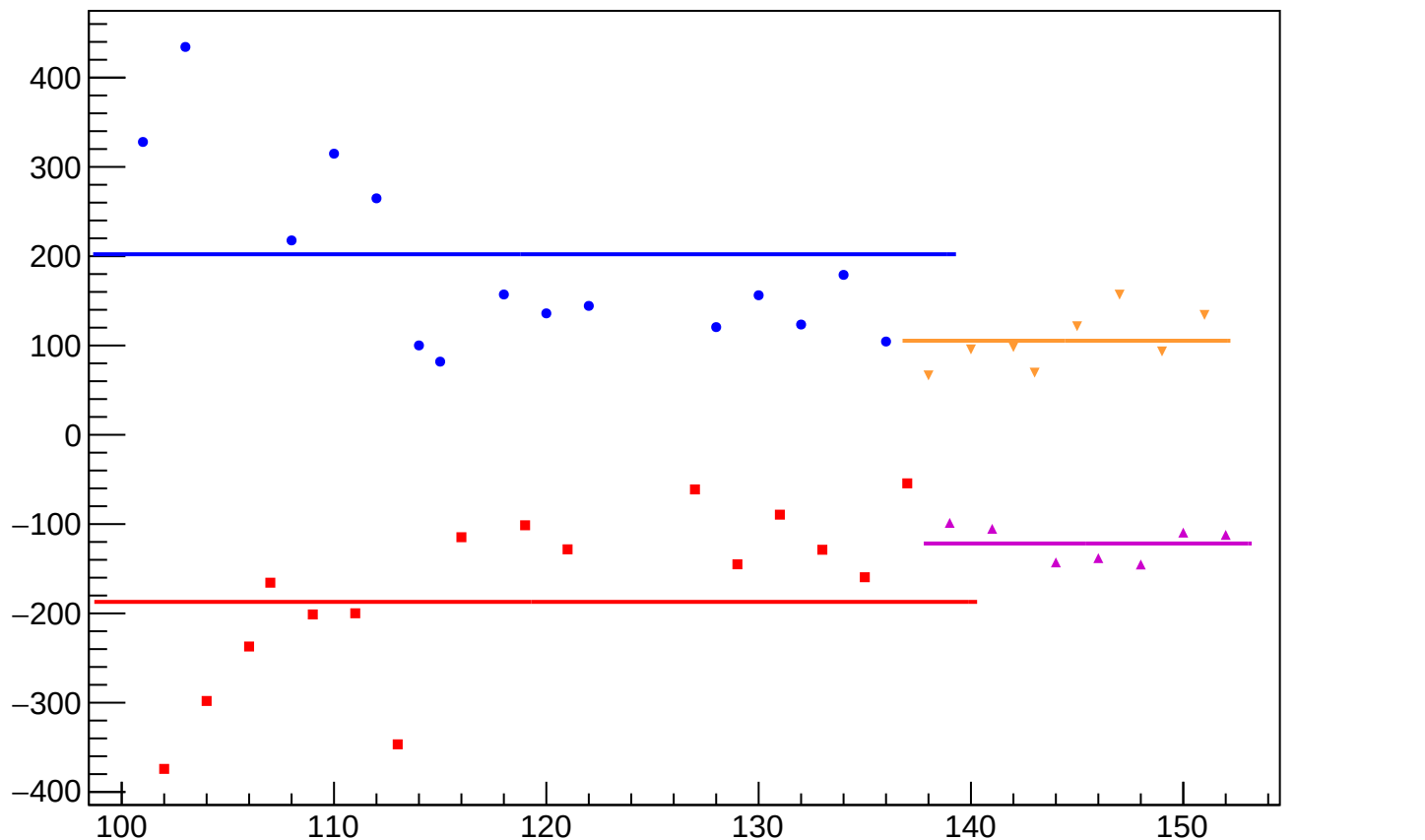
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam1_coil7_mean vs Slug, Sign Corrected



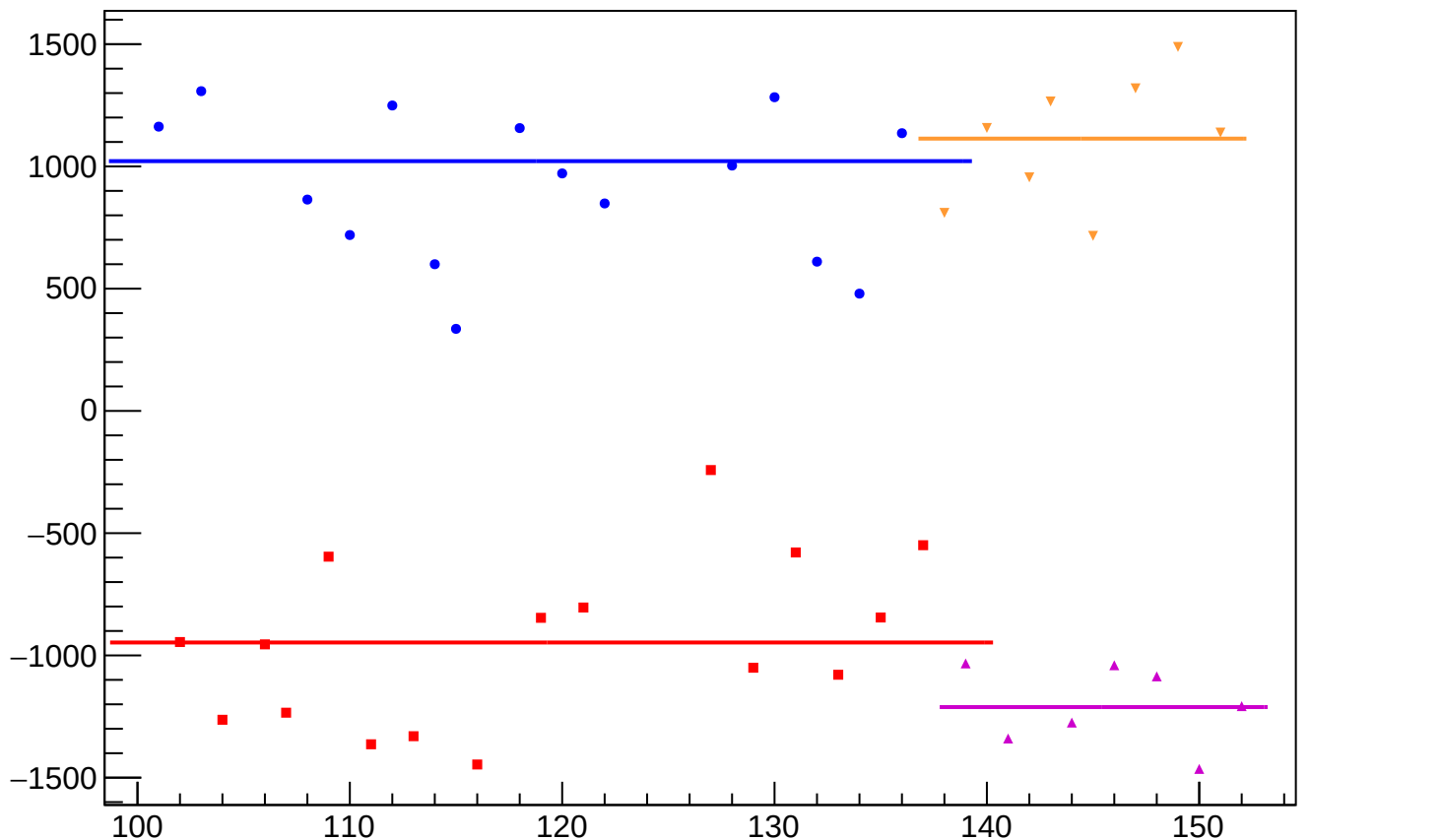
Left: 41.141 ± 0.000 $\chi^2/\text{NDF}: 15783913543385130$
 Right In: -1268.061 ± 0.000 $\chi^2/\text{NDF}: 109228076028833856070470490800647045120.0/14$
 Right: 41.017 ± 0.000 $\chi^2/\text{NDF}: 4385100658196815$
 Left Out: -2.229 ± 0.000 $\chi^2/\text{NDF}: 9714633240937006282596611426124562432.0/7$
 In: -618.549 ± 0.000 $\chi^2/\text{NDF}: 1666072452699915$
 Right Out: 1314.767 ± 0.000 $\chi^2/\text{NDF}: 1098471313864079013714609379653260935168.0/15$
 Out: 694.943 ± 0.000 $\chi^2/\text{NDF}: 1652662890215137$
 Left In: 84.006 ± 0.000 $\chi^2/\text{NDF}: 385142980247462628550251680044888832.0/6$
 All: 41.076 ± 0.000 $\chi^2/\text{NDF}: 4400884581339$

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



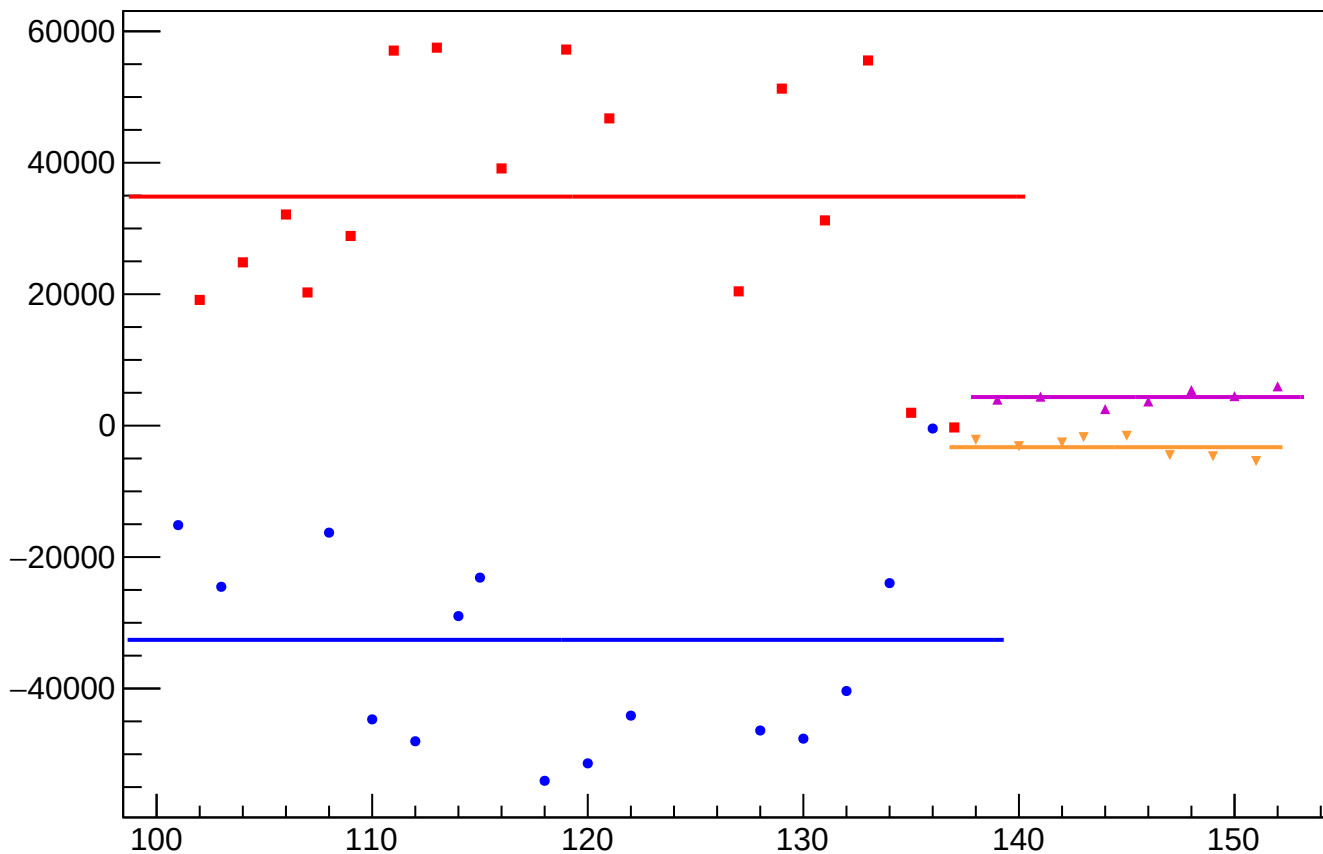
Left: -8.862 +/- 0.000 χ^2/NDF : 16090657081795563
 Right In: 202.191 +/- 0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14
 Right: 4.870 +/- 0.000 χ^2/NDF : 63114316335759506
 Left Out: 105.332 +/- 0.000 χ^2/NDF : 519100683735542337900881605619089408.0/7
 In: 46.588 +/- 0.000 χ^2/NDF : 399349462427294999
 Right Out: -187.126 +/- 0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15
 Out: -49.485 +/- 0.000 χ^2/NDF : 3359866354610439
 Left In: -121.723 +/- 0.000 χ^2/NDF : 196062125805292012070054860112789504.0/6
 All: -1.659 +/- 0.000 χ^2/NDF : 7932296309098

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 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: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: -32594.962+/-0.000

χ²/NDF: 209150369207000564489724529020922520141824.0/14

Left Out: -3279.349+/-0.000

χ²/NDF: 1145061725407190970783799915848581251072.0/7

Right Out: 34848.046+/-0.000

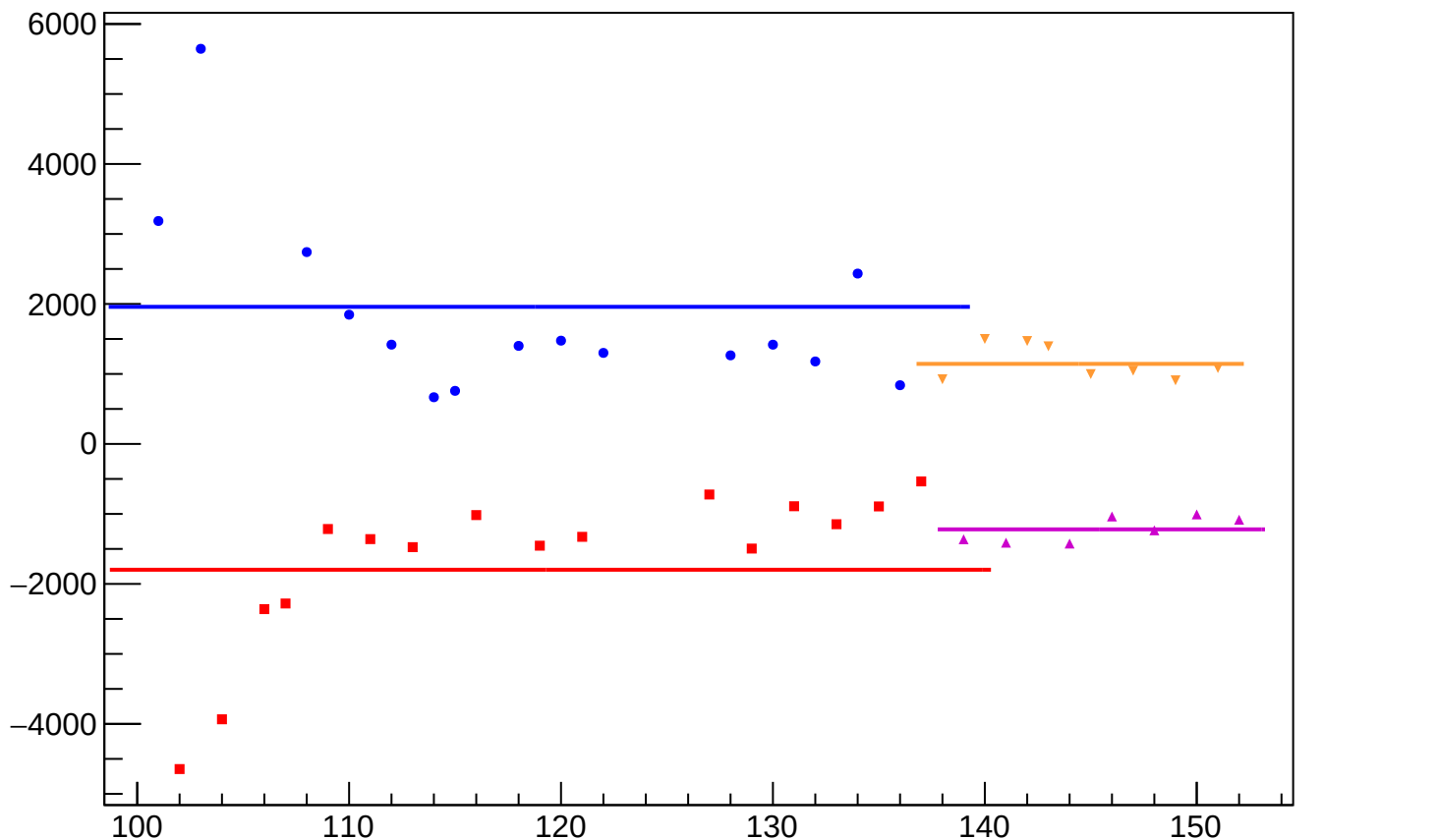
χ²/NDF: 221127702024811719232559434097324967591936.0/15

Left In: 4348.968+/-0.000

χ²/NDF: 673679471316979572012709267428505288704.0/6

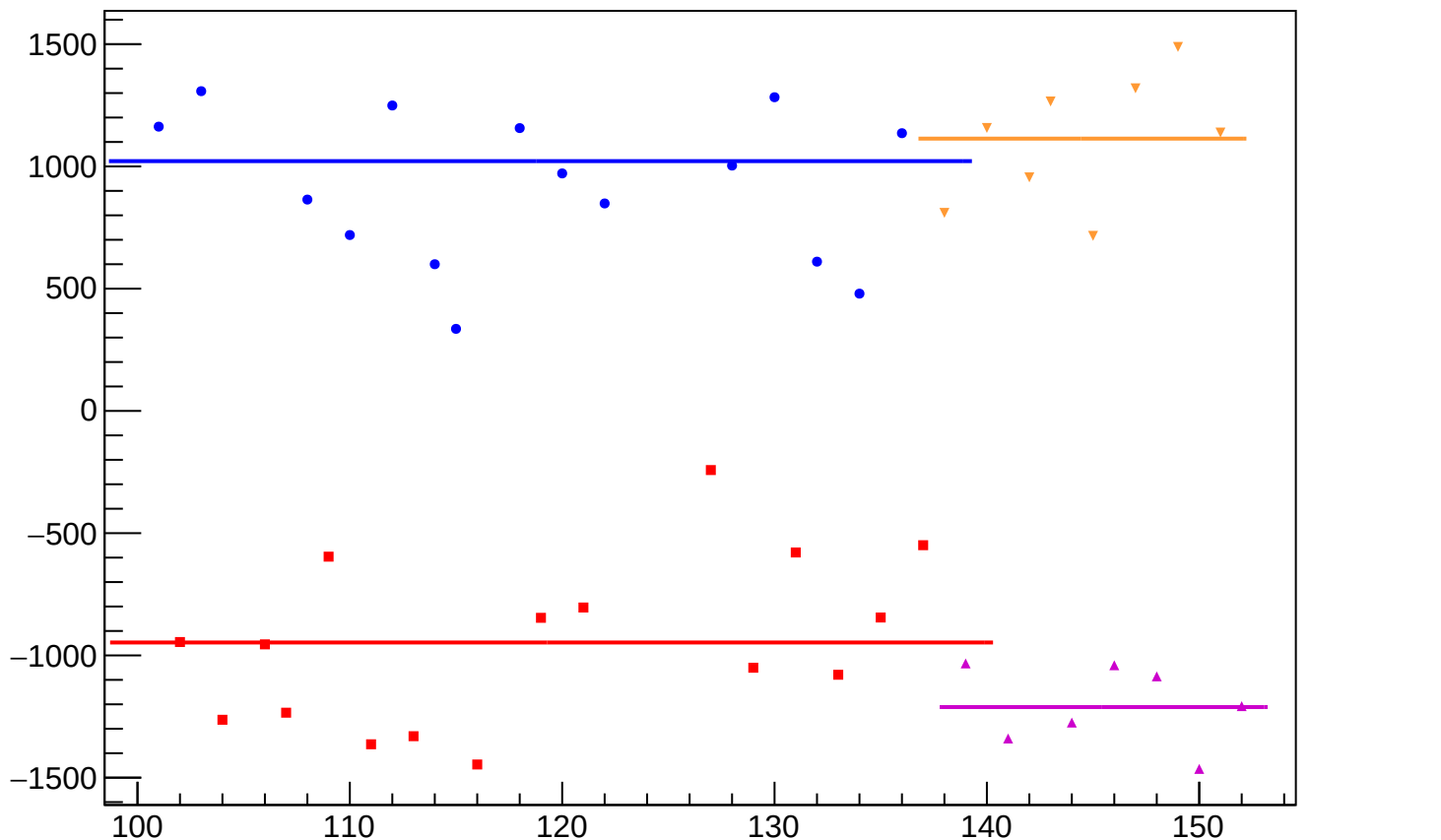
All: 1097.745+/-0.000 χ²/NDF: 19463123997

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -45.340+/-0.000 χ^2/NDF : 1715103489886751
 Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Right: 55.033+/-0.000 χ^2/NDF : 6785490652460108
 Left Out: 1143.847+/-0.000 χ^2/NDF : 30666178819278622851877846081106608128.0/7
 In: 431.459+/-0.000 χ^2/NDF : 43580644803943370
 Right Out: -1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Out: -413.142+/-0.000 χ^2/NDF : 370139346577042
 Left In: -1220.653+/-0.000 χ^2/NDF : 17019967496860270884618381836731547648.0/6
 All: 7.307+/-0.000 χ^2/NDF : 85068982969014

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000

χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: -947.145+/-0.000

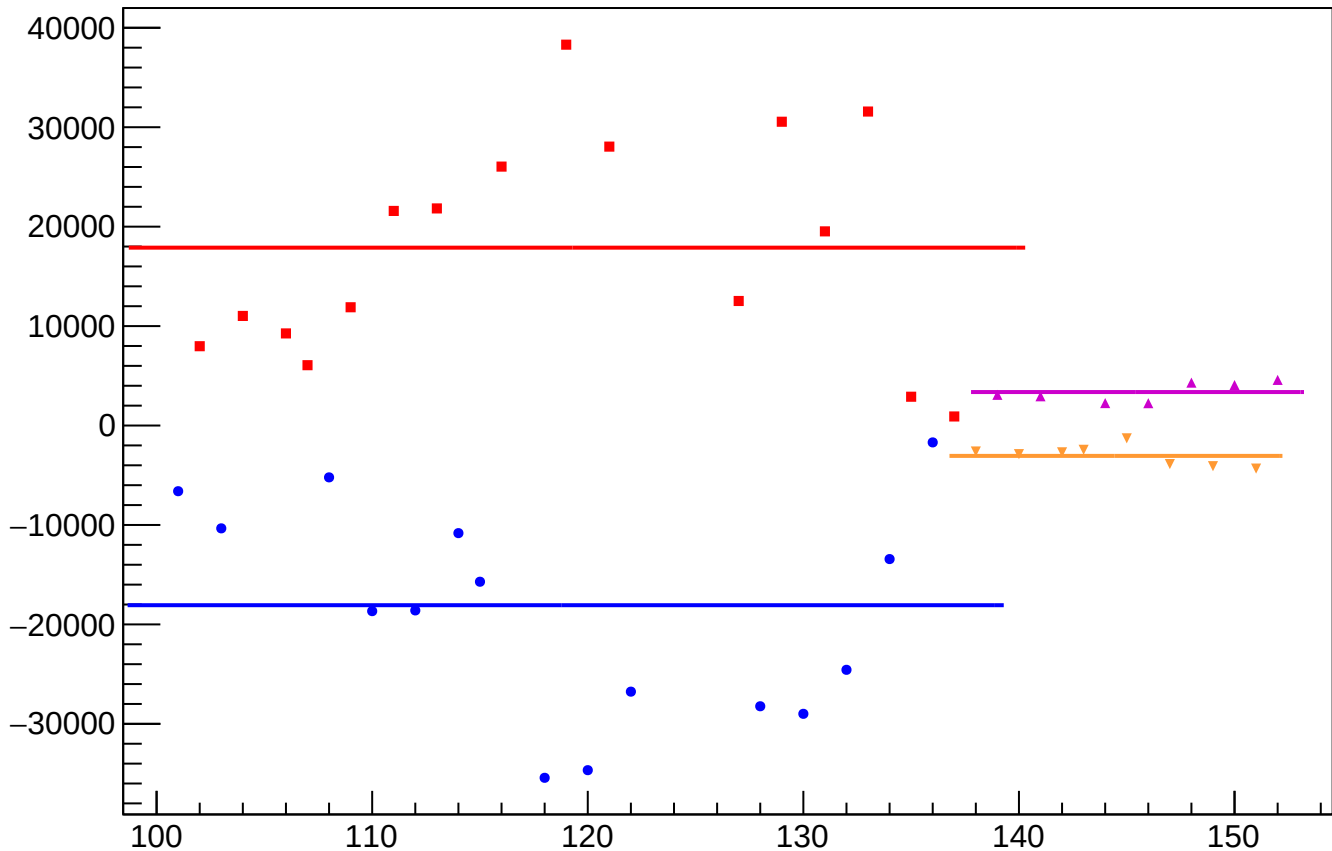
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1211.328+/-0.000

χ^2/NDF : 13918001771304500898480106304308248576.0/6

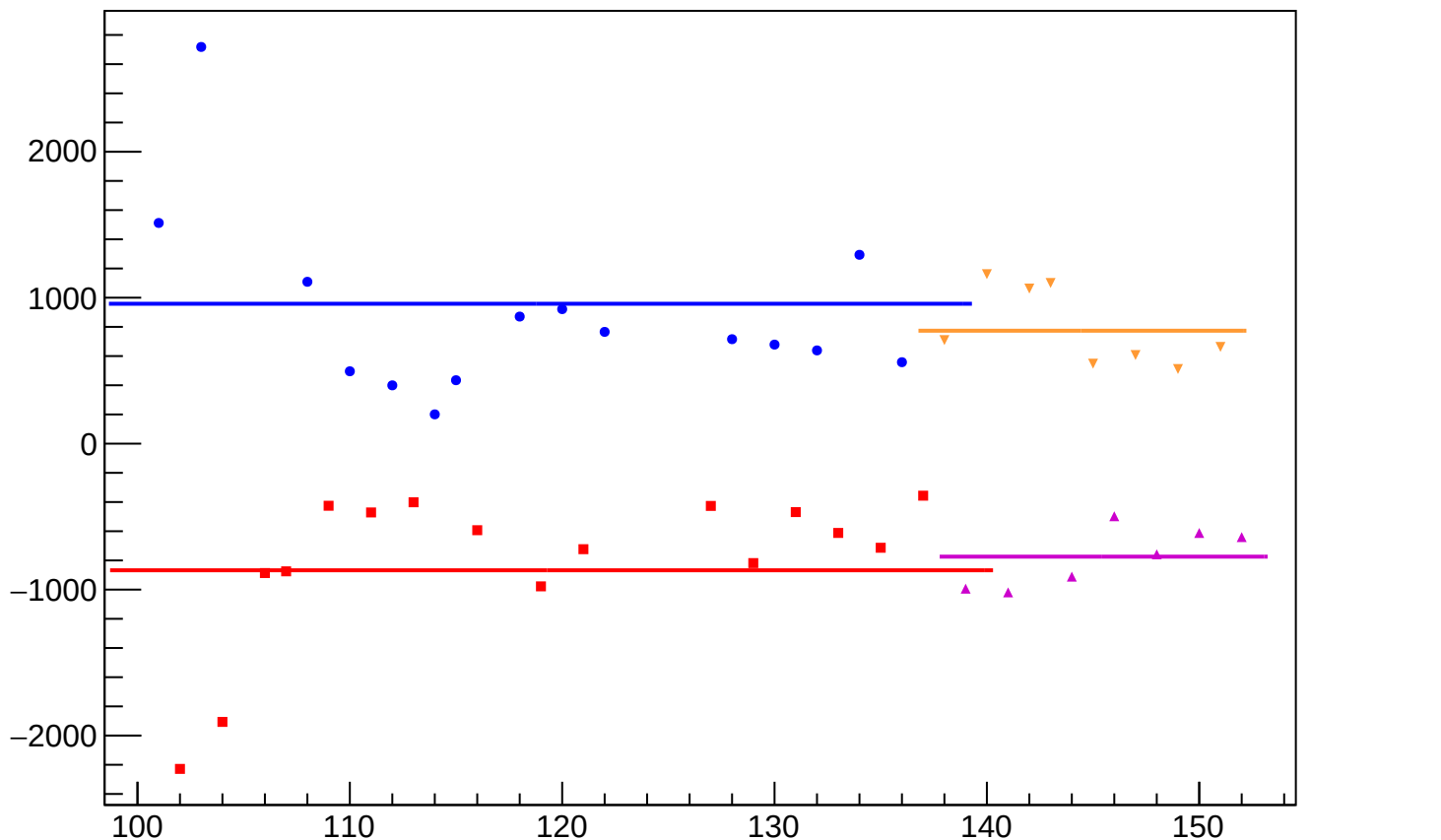
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam3_coil7_mean vs Slug, Sign Corrected



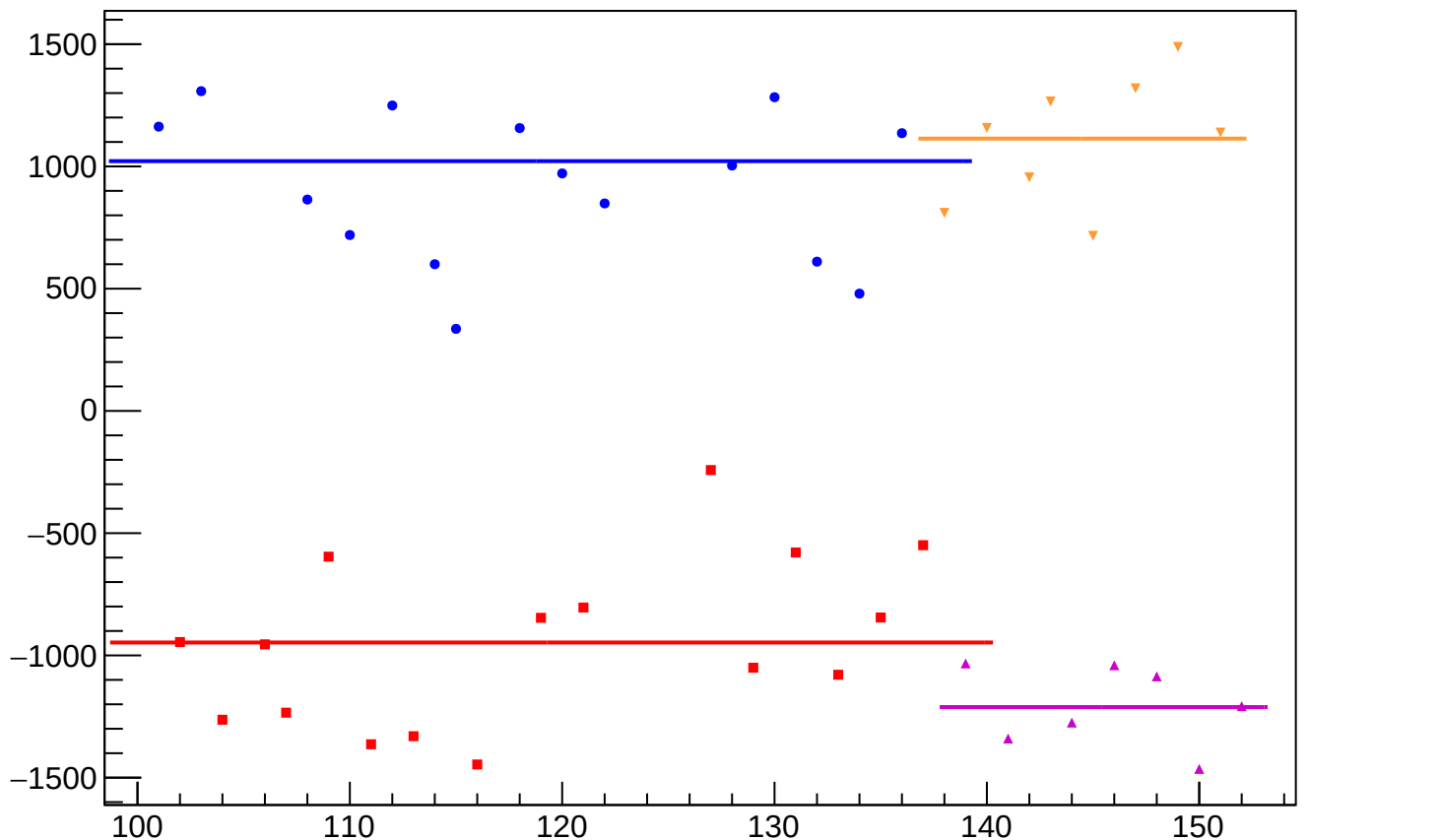
Left: 176.139+/-0.000 χ^2/NDF : 1334850062652071
 Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Right: 155.704+/-0.000 χ^2/NDF : 587997392225656
 Left Out: -3052.762+/-0.000 χ^2/NDF : 569542261345983853241988659378724536320.0/7
 In: -7771.071+/-0.000 χ^2/NDF : 228055865220549
 Right Out: 17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Out: 8032.625+/-0.000 χ^2/NDF : 216633344883483
 Left In: 3367.369+/-0.000 χ^2/NDF : 486089498393126693501660303761770283008.0/6
 All: 165.421+/-0.000 χ^2/NDF : 60134615415

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



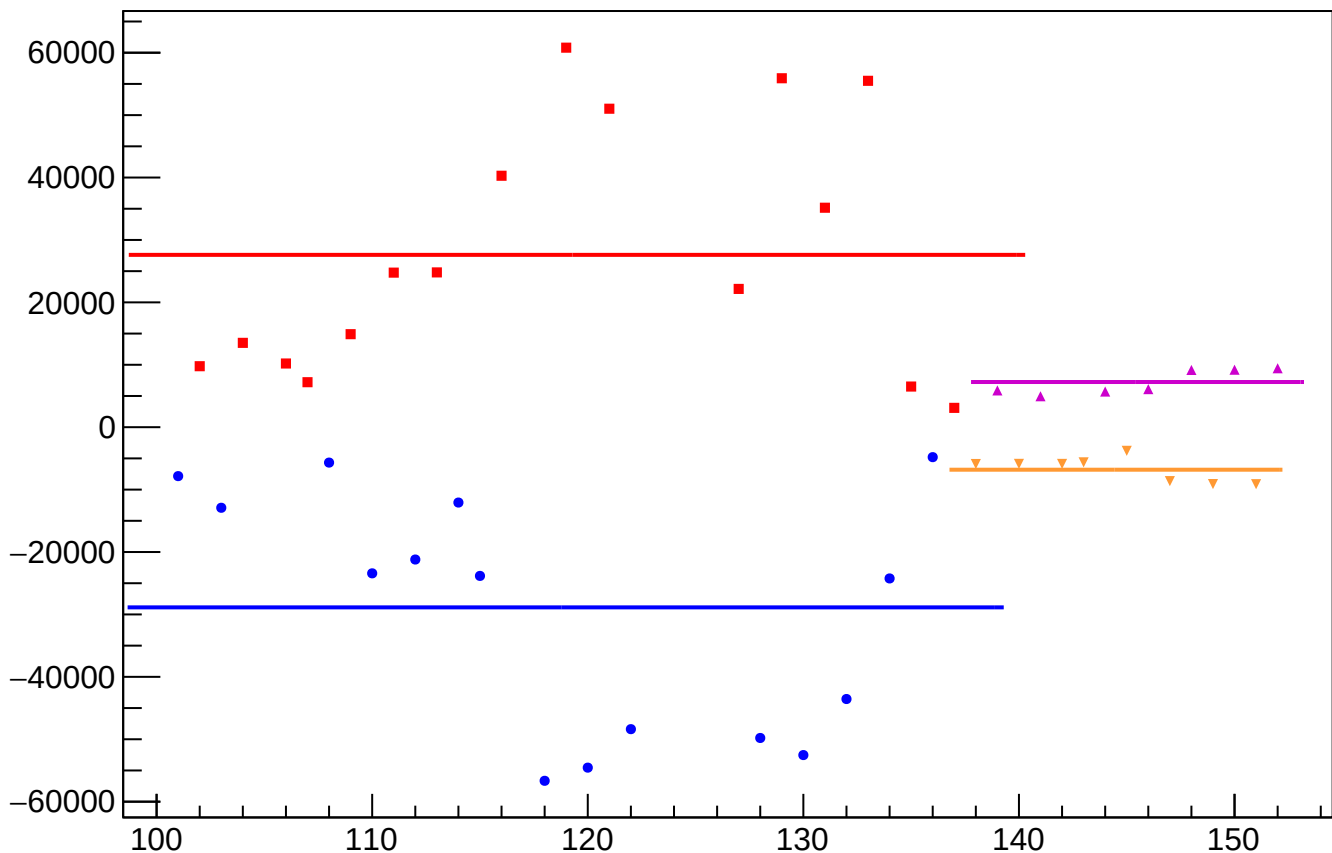
Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Left Out: 773.711+/-0.000 χ^2/NDF : 36655147437417552517075069306190954496.0/7
 Right Out: -867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: -774.131+/-0.000 χ^2/NDF : 20991377900375714054040408250879311872.0/6
 All: 15.023+/-0.000 χ^2/NDF : 2350634595744

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



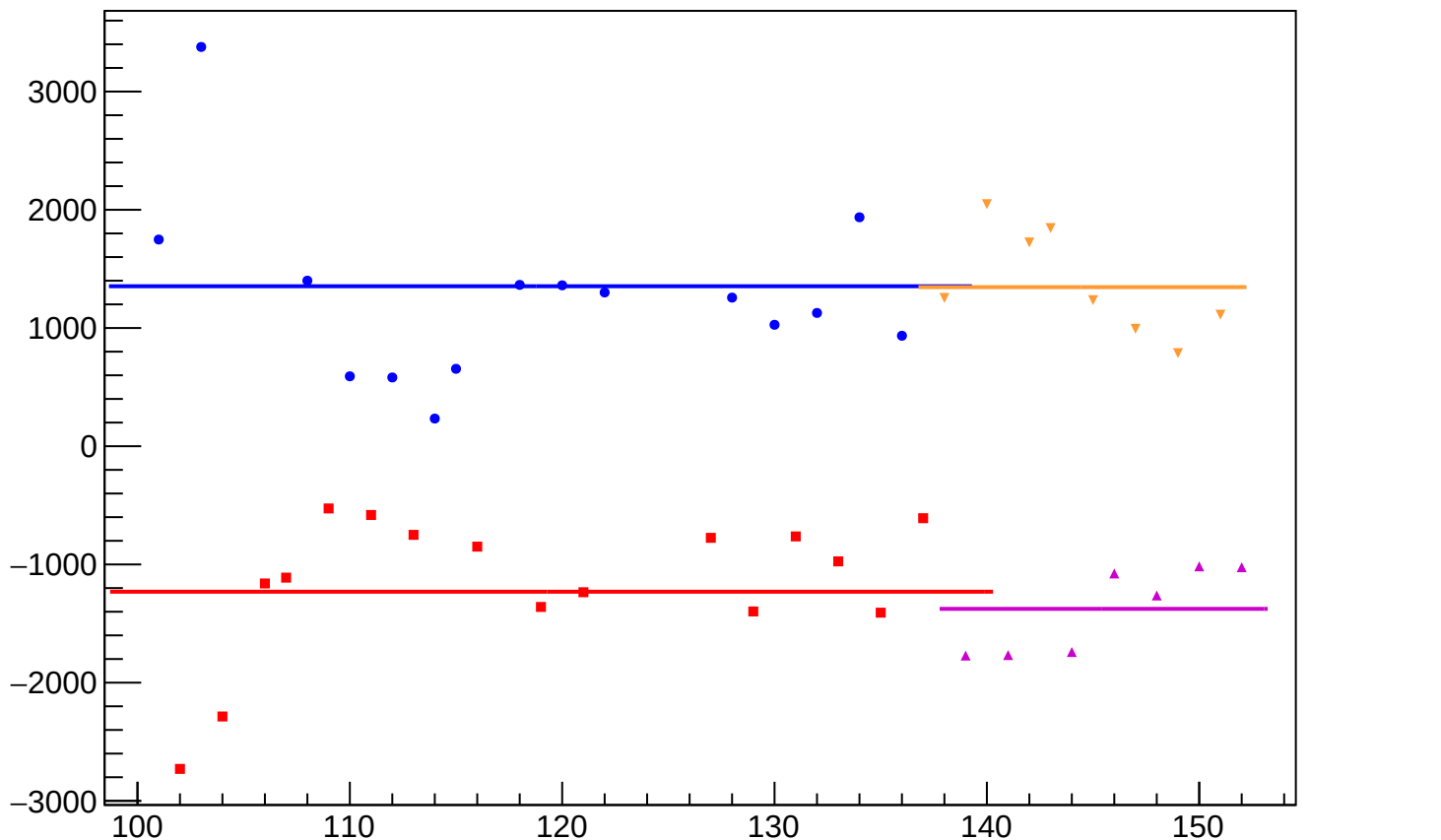
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam4_coil7_mean vs Slug, Sign Corrected



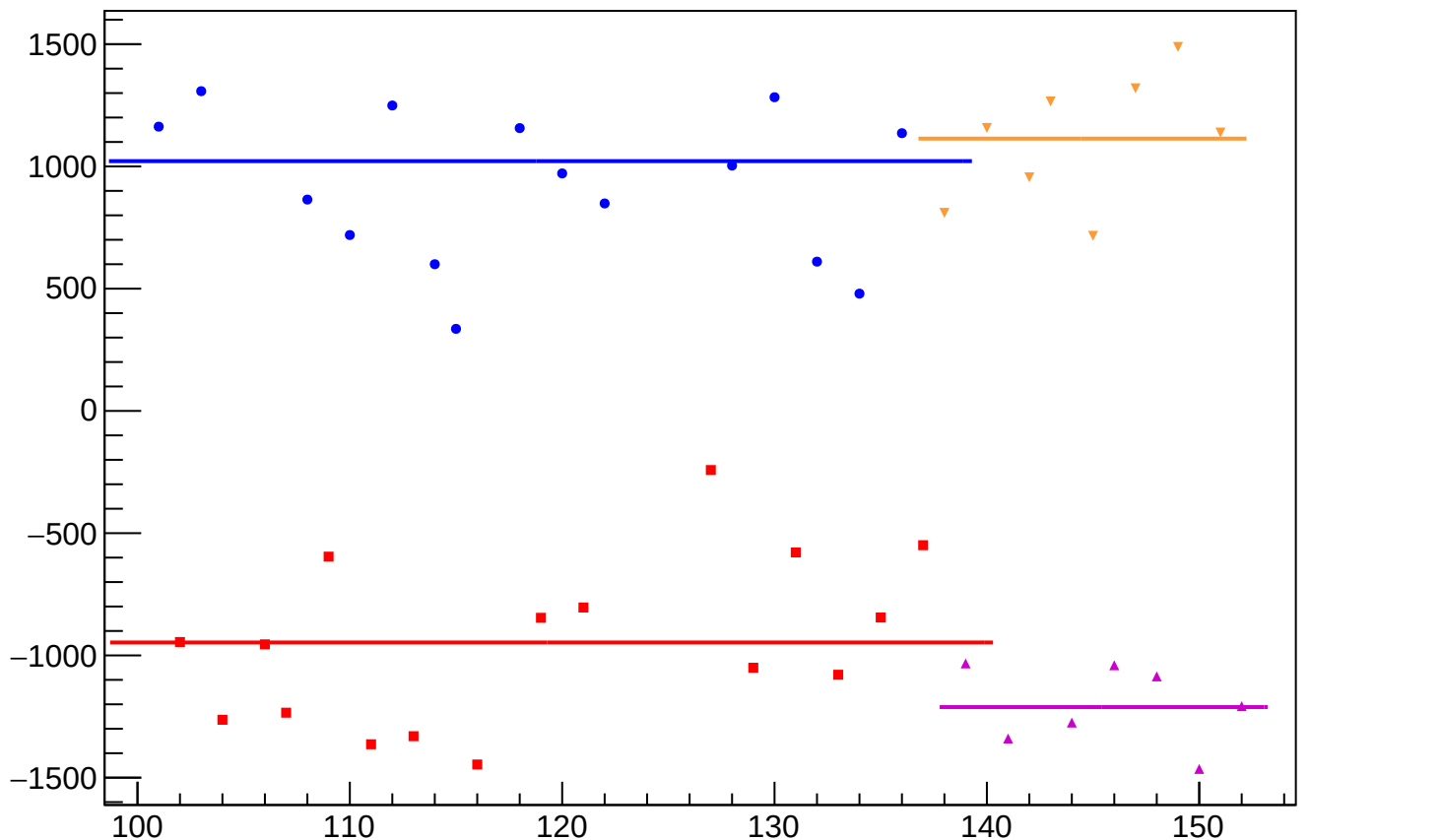
Left: 254.355+/-0.000 χ^2/NDF : 6301028513721573
 Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Right: -242.630+/-0.000 χ^2/NDF : 15588395560755
 Left Out: -6812.506+/-0.000 χ^2/NDF : 2132054677168921313144316737744520871936.0/7
 In: -11523.199+/-0.000 χ^2/NDF : 66991241788973
 Right Out: 27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Out: 11410.016+/-0.000 χ^2/NDF : 62220725698050
 Left In: 7238.768+/-0.000 χ^2/NDF : 1994282935884038944244891615233694498816.0/6
 All: -6.320+/-0.000 χ^2/NDF : 1622004395779

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



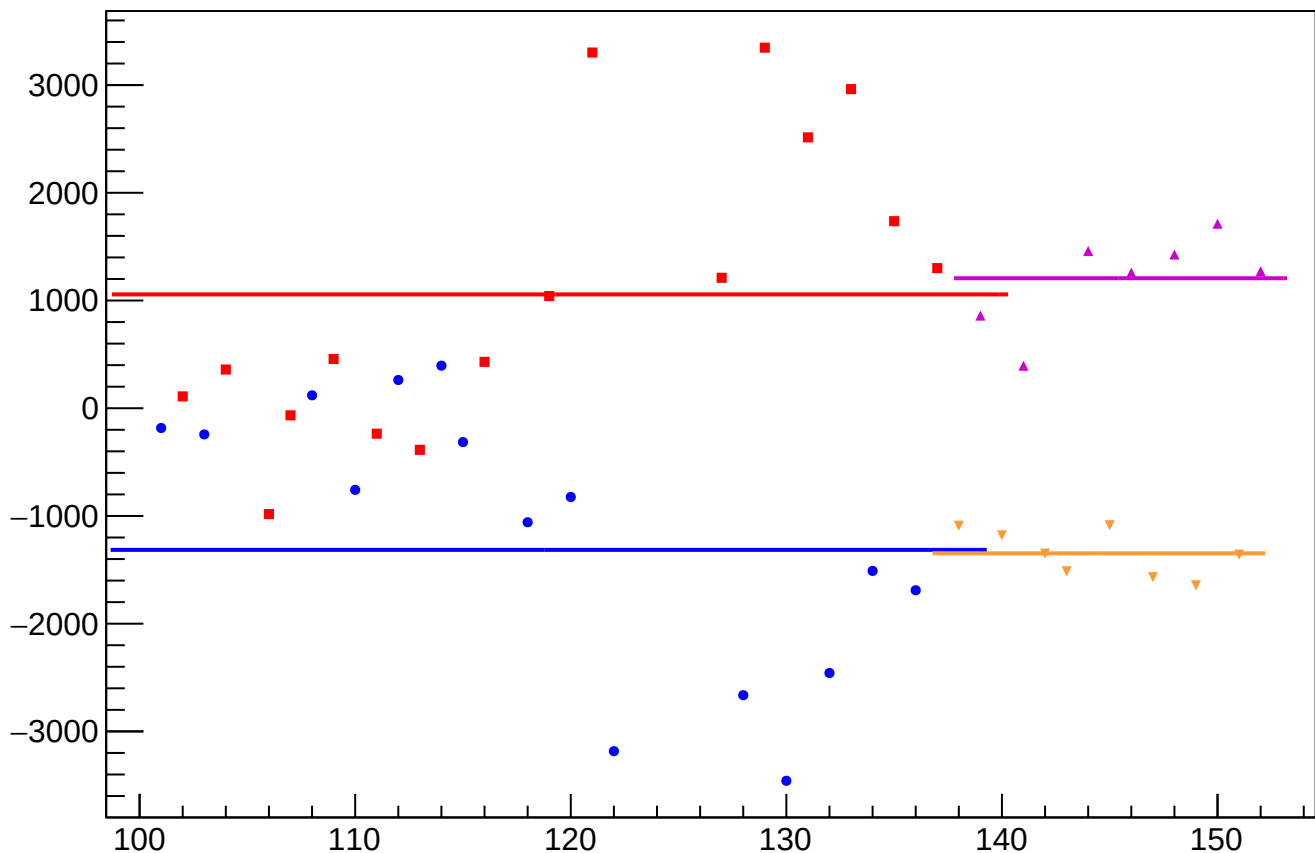
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Left Out: 1345.714+/-0.000 χ^2/NDF : 105375138302799164434658991932977446912.0/7
 Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15
 Left In: -1375.679+/-0.000 χ^2/NDF : 68567797645593743131643952291387539456.0/6
 All: 12.010+/-0.000 χ^2/NDF : 5211777815707

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



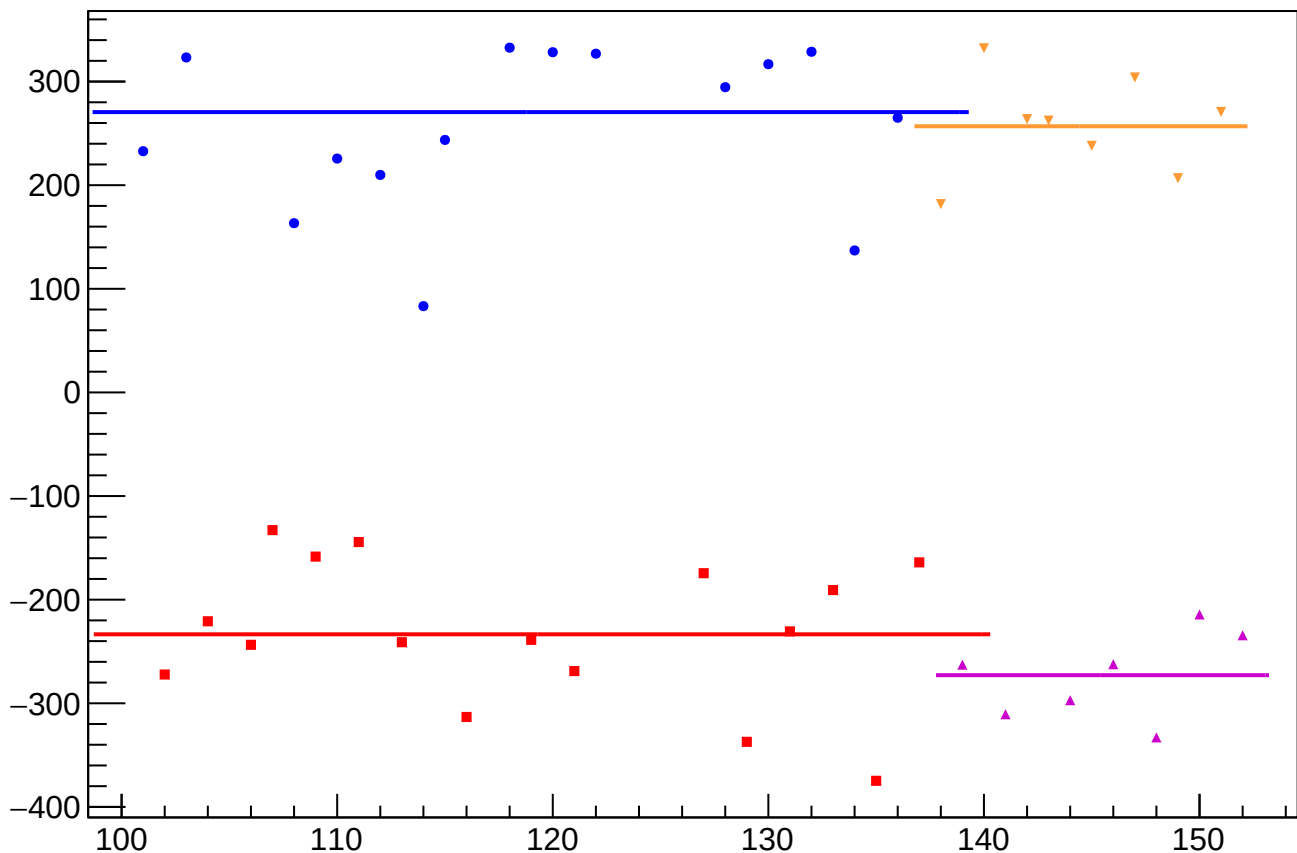
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam5_coil7_mean vs Slug, Sign Corrected



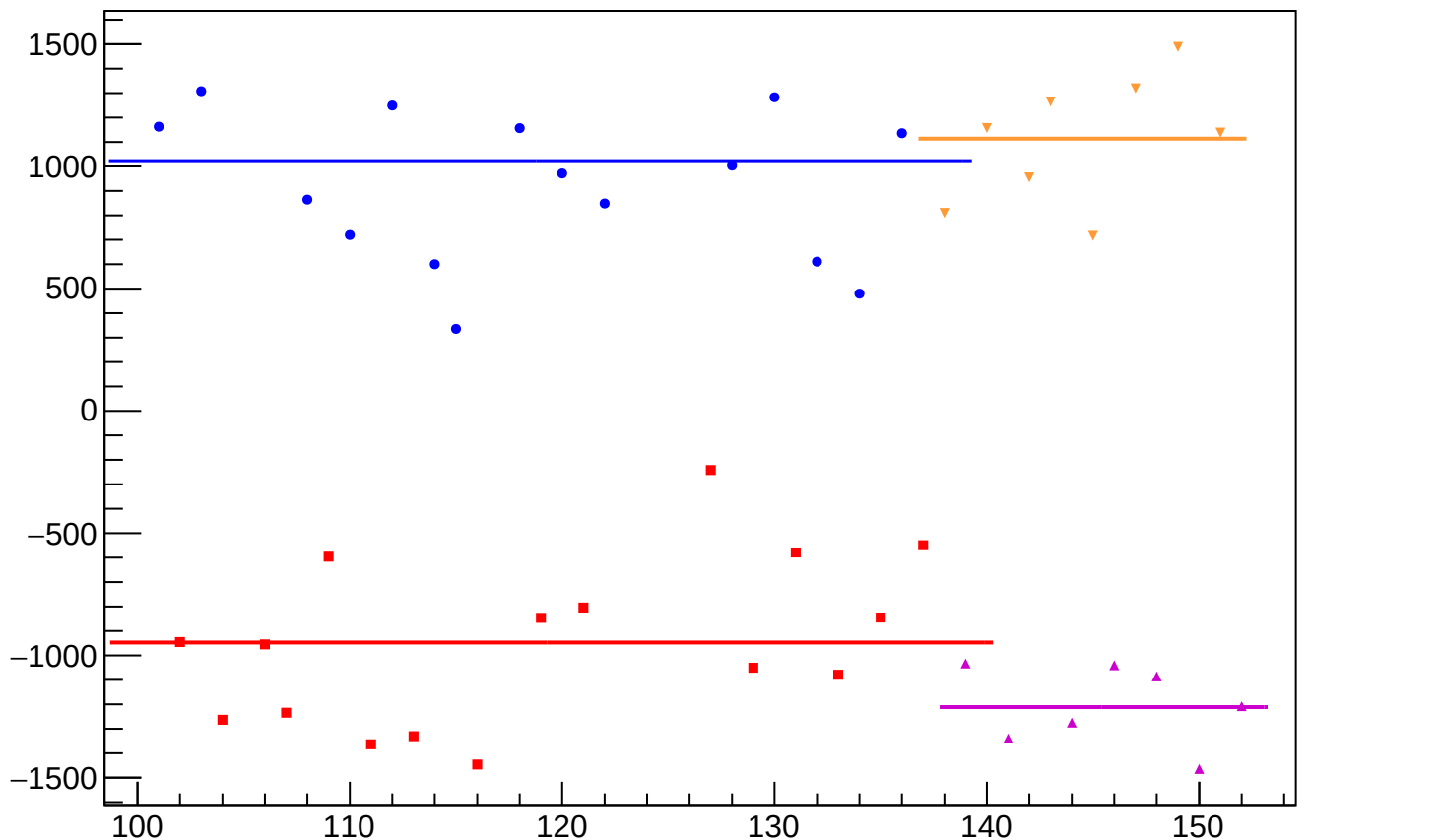
Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left In: -1346.670 ± 0.000 χ^2/NDF : 26061371660001225844023889479822475264.0/7
 Right Out: 1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left Out: 1206.817 ± 0.000 χ^2/NDF : 99448357828471133702467333130104602624.0/6
 All: -88.847 ± 0.000 χ^2/NDF : 601495879915

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



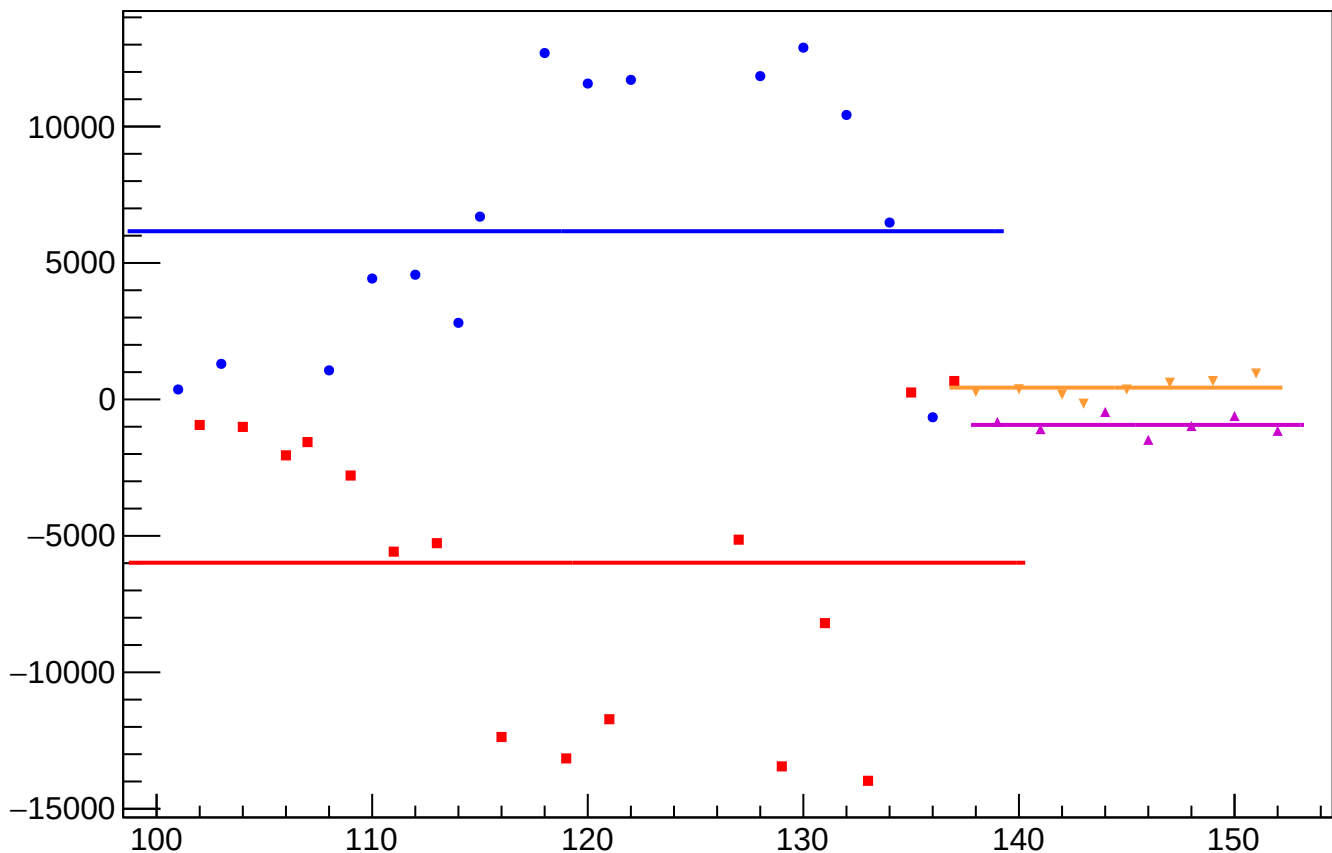
Left: -9.569 ± 0.000 $\chi^2/\text{NDF}: 85960414620774950$
 Right In: 270.538 ± 0.000 $\chi^2/\text{NDF}: 2473839905347950323907848405170257920.0/14$
 Right: 15.112 ± 0.000 $\chi^2/\text{NDF}: 8906438963054982$
 Left Out: 256.849 ± 0.000 $\chi^2/\text{NDF}: 1336126709102965713607447096309317632.0/7$
 In: 9.489 ± 0.000 $\chi^2/\text{NDF}: 954748204059821356$
 Right Out: -233.421 ± 0.000 $\chi^2/\text{NDF}: 3048529087317888615064010247743995904.0/15$
 Out: -2.683 ± 0.000 $\chi^2/\text{NDF}: 79838238518030827$
 Left In: -272.879 ± 0.000 $\chi^2/\text{NDF}: 934789588706863418660274260498448384.0/6$
 All: 3.376 ± 0.000 $\chi^2/\text{NDF}: 17540598755146$

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



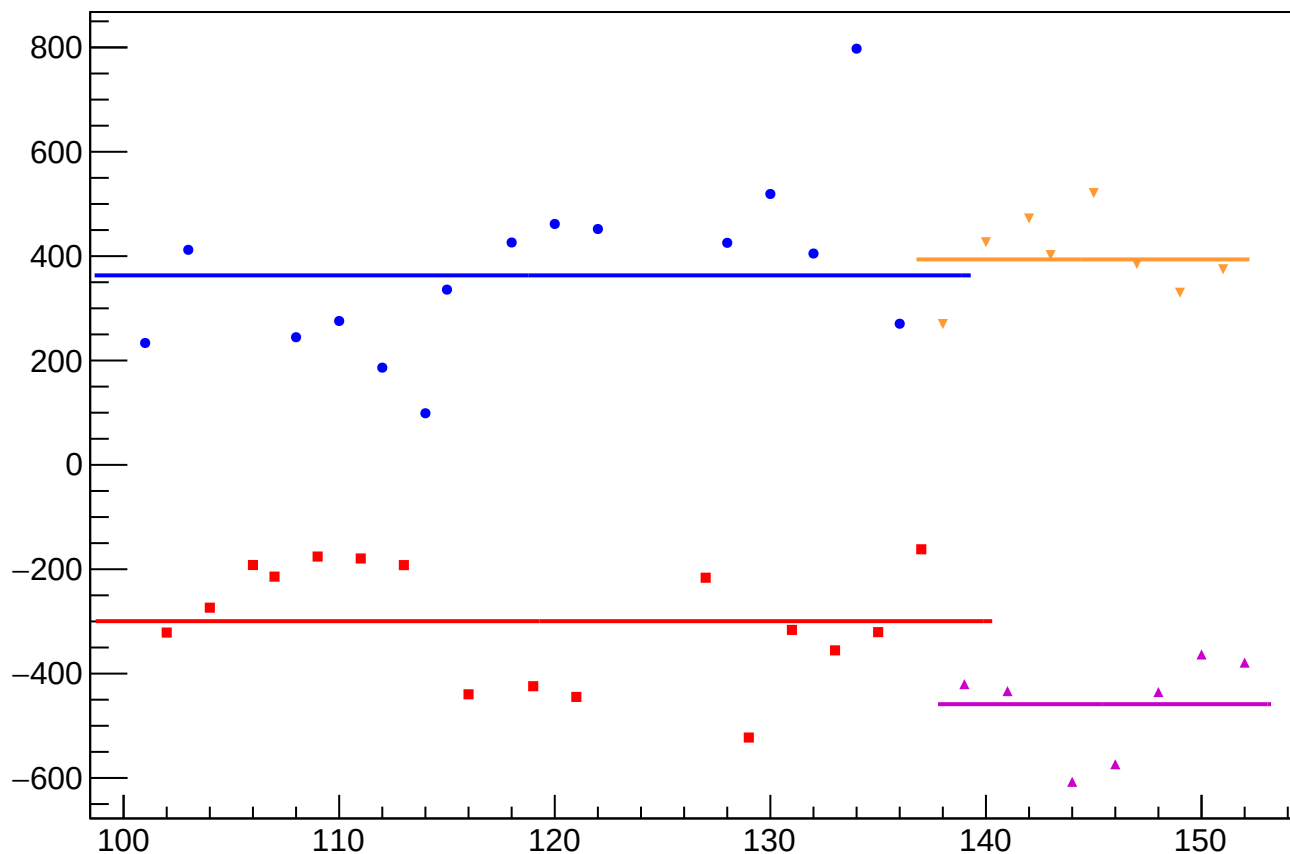
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1211.328+/-0.000 χ^2/NDF : 13918001771304500898480106304308248576.0/6
 All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam6_coil7_mean vs Slug, Sign Corrected



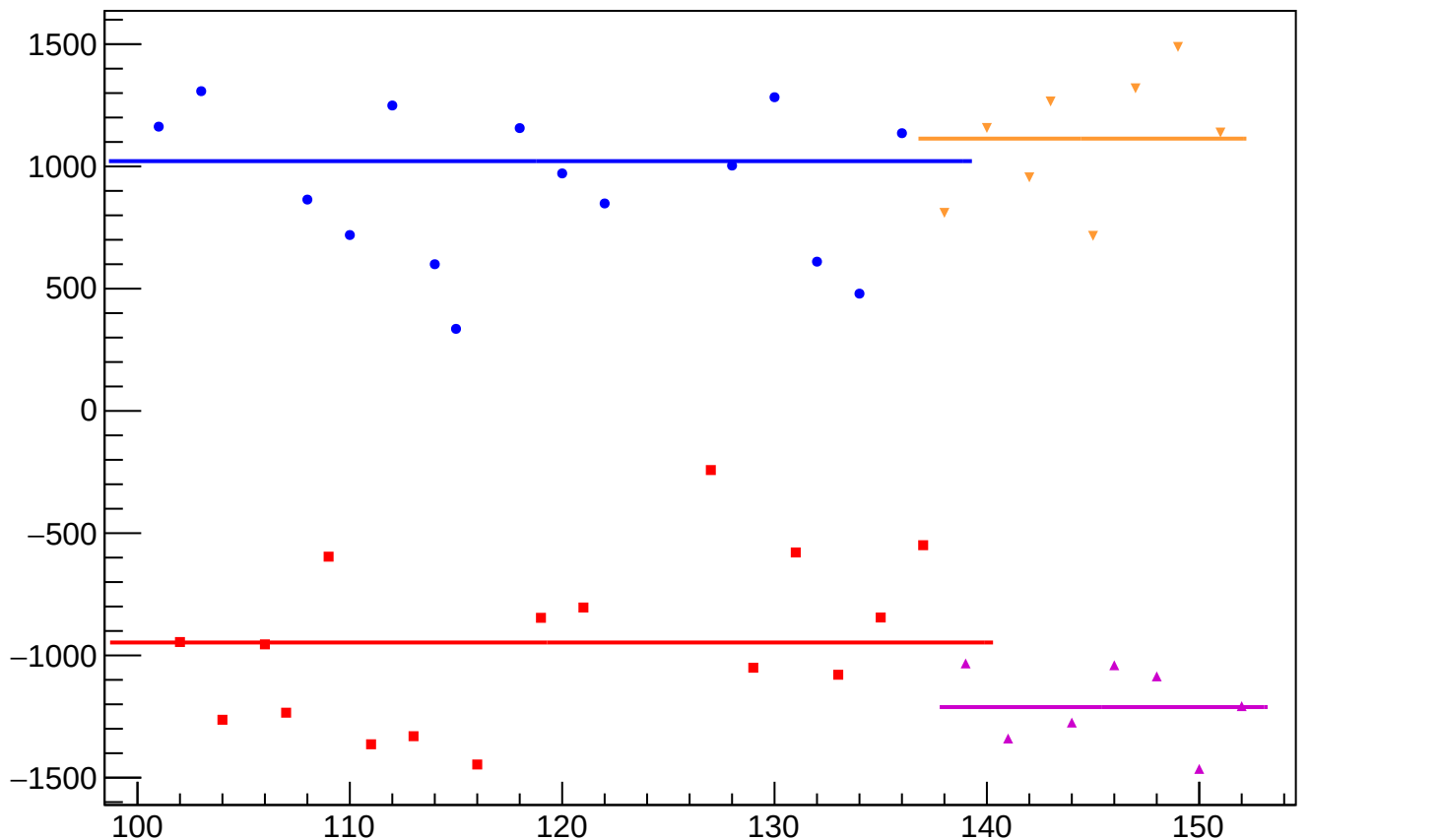
Left: -254.774+/-0.000 χ^2/NDF : 674982461518397
 Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Right: 6.710+/-0.000 χ^2/NDF : 84243130977336022
 Left Out: 432.243+/-0.000 χ^2/NDF : 56789372313780747616099931448177328128.0/7
 In: 2754.052+/-0.000 χ^2/NDF : 3396628894342583
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Out: -2964.227+/-0.000 χ^2/NDF : 30484736231197
 Left In: -933.775+/-0.000 χ^2/NDF : 61676866963818463862456044605623238656.0/6
 All: -117.622+/-0.000 χ^2/NDF : 84960897762

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



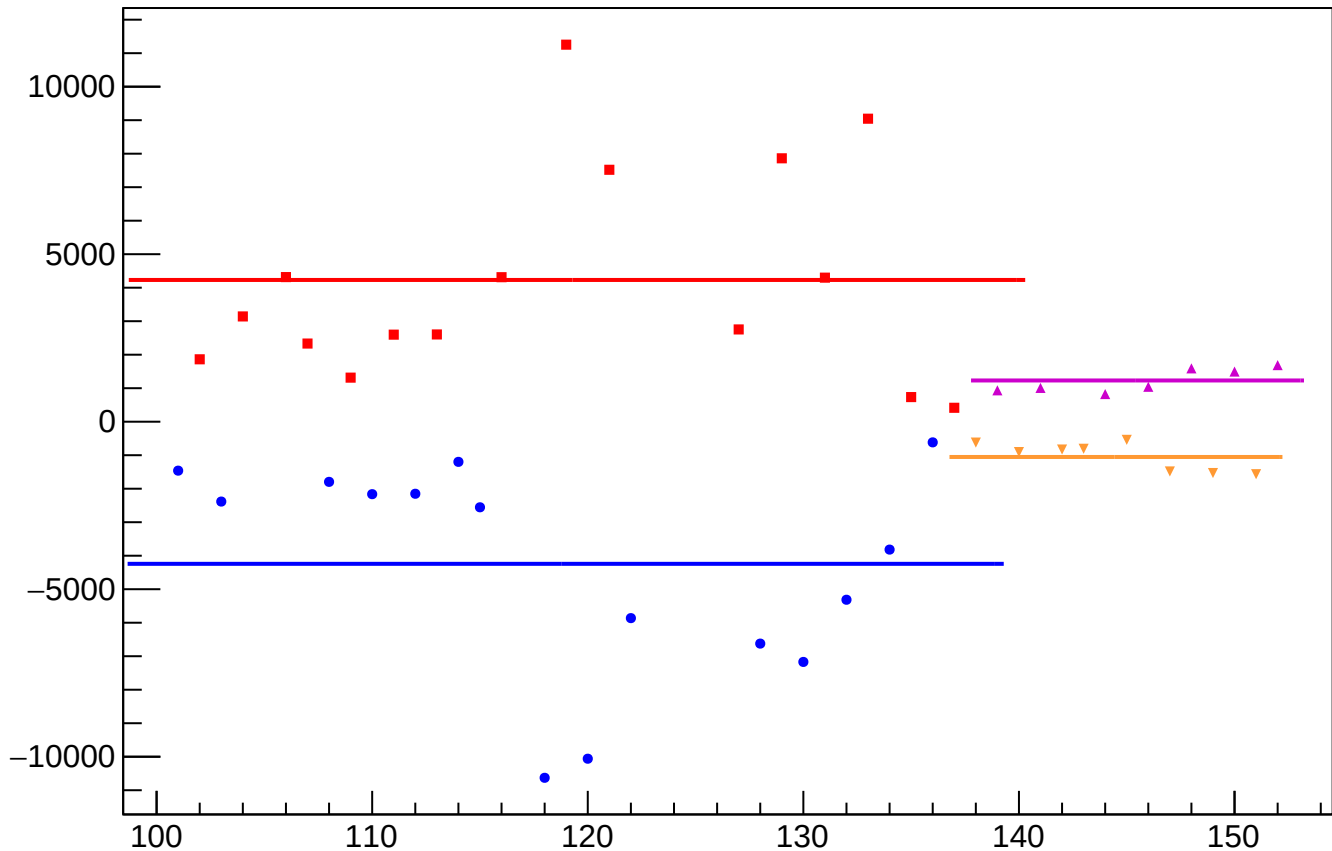
Left: -34.934+/-0.000 χ^2/NDF : 2245516750263217
 Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Right: 27.278+/-0.000 χ^2/NDF : 1636258096450768
 Left Out: 393.701+/-0.000 χ^2/NDF : 3256824791320671439337807223749345280.0/7
 In: -31.599+/-0.000 χ^2/NDF : 22667215454764641
 Right Out: -299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Out: 26.737+/-0.000 χ^2/NDF : 16179259070089793
 Left In: -458.568+/-0.000 χ^2/NDF : 4664767449615388521466724838186942464.0/6
 All: -2.303+/-0.000 χ^2/NDF : 3905992942034

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1113.744+/-0.000 χ^2/NDF : 38023893801940446731487834354860687360.0/7
 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: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174 $\pm$ 0.000

Left Out: -1052.727 $\pm$ 0.000

Right Out: 4230.978 $\pm$ 0.000

Left In: 1230.848 $\pm$ 0.000

Left: 95.760 $\pm$ 0.000 χ^2/NDF : 17175004400328147

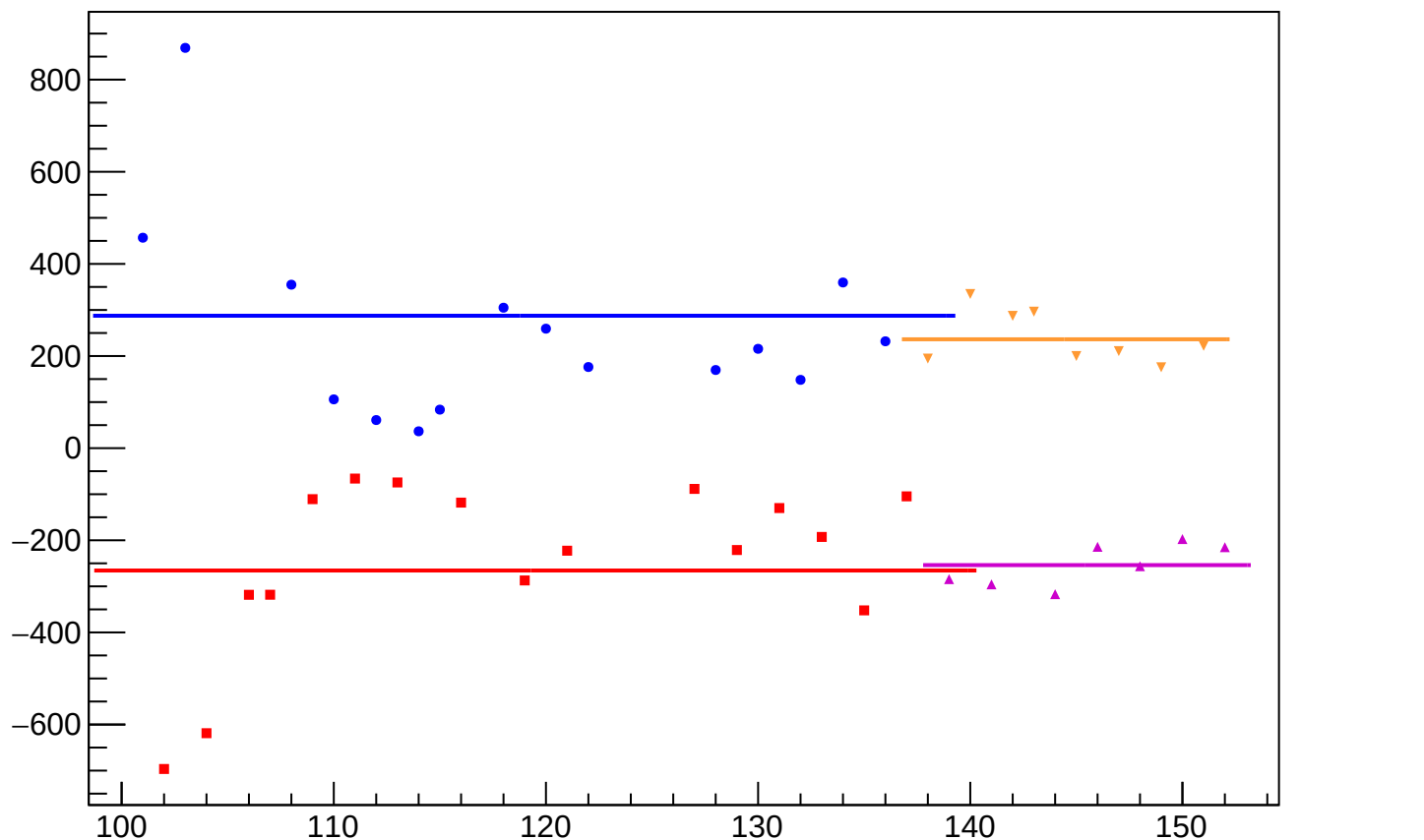
Right: 52.349 $\pm$ 0.000 χ^2/NDF : 3708179263230228

In: -1613.020 $\pm$ 0.000 χ^2/NDF : 161866395775881

Out: 1744.282 $\pm$ 0.000 χ^2/NDF : 155439351032861

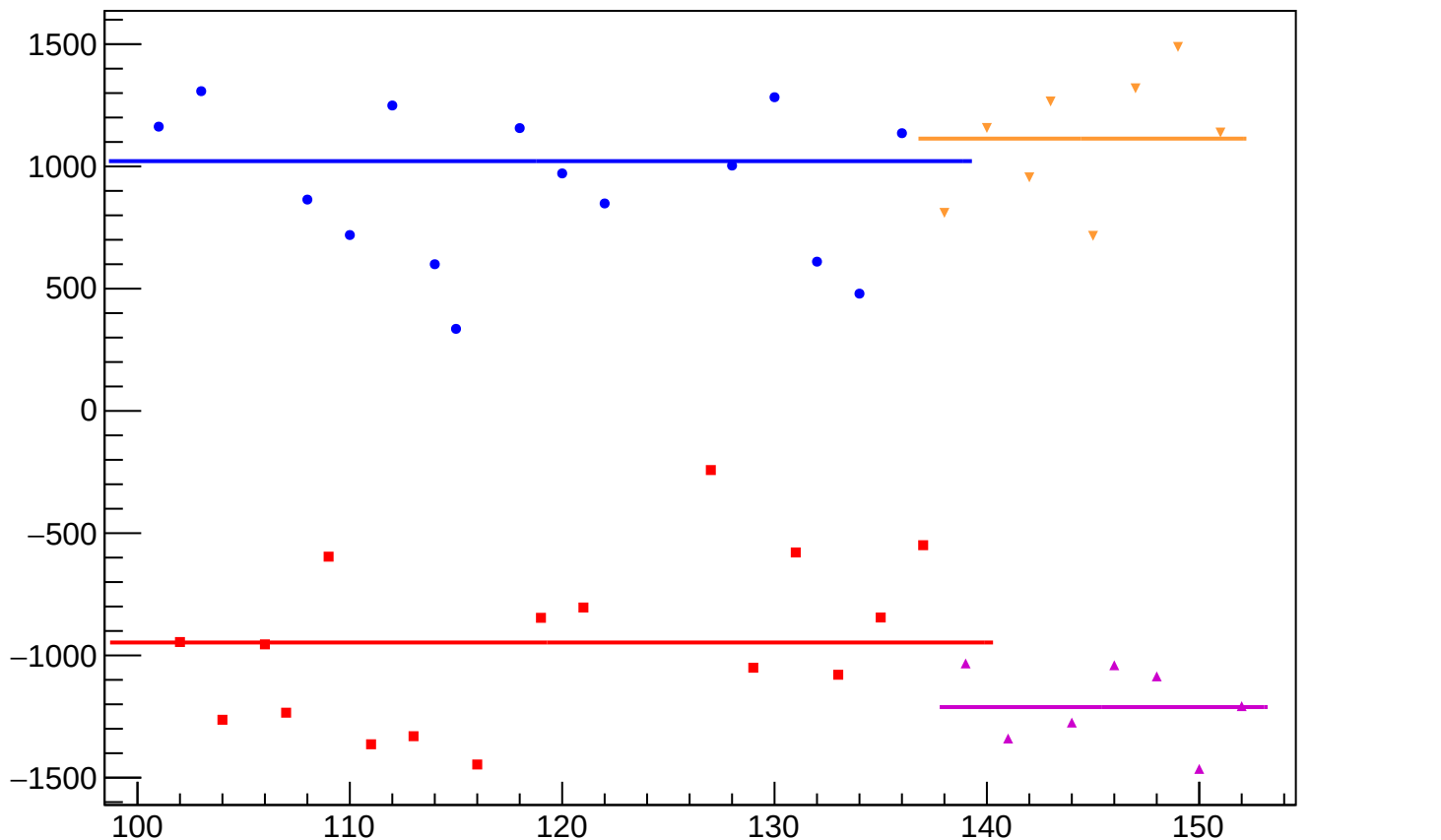
All: 72.990 $\pm$ 0.000 χ^2/NDF : 3880047229606

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 236.353+/-0.000 χ^2/NDF : 1774404800019554620359493855978979328.0/7
 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: -1.099+/-0.000 χ^2/NDF : 2307407065445

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000

χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: -947.145+/-0.000

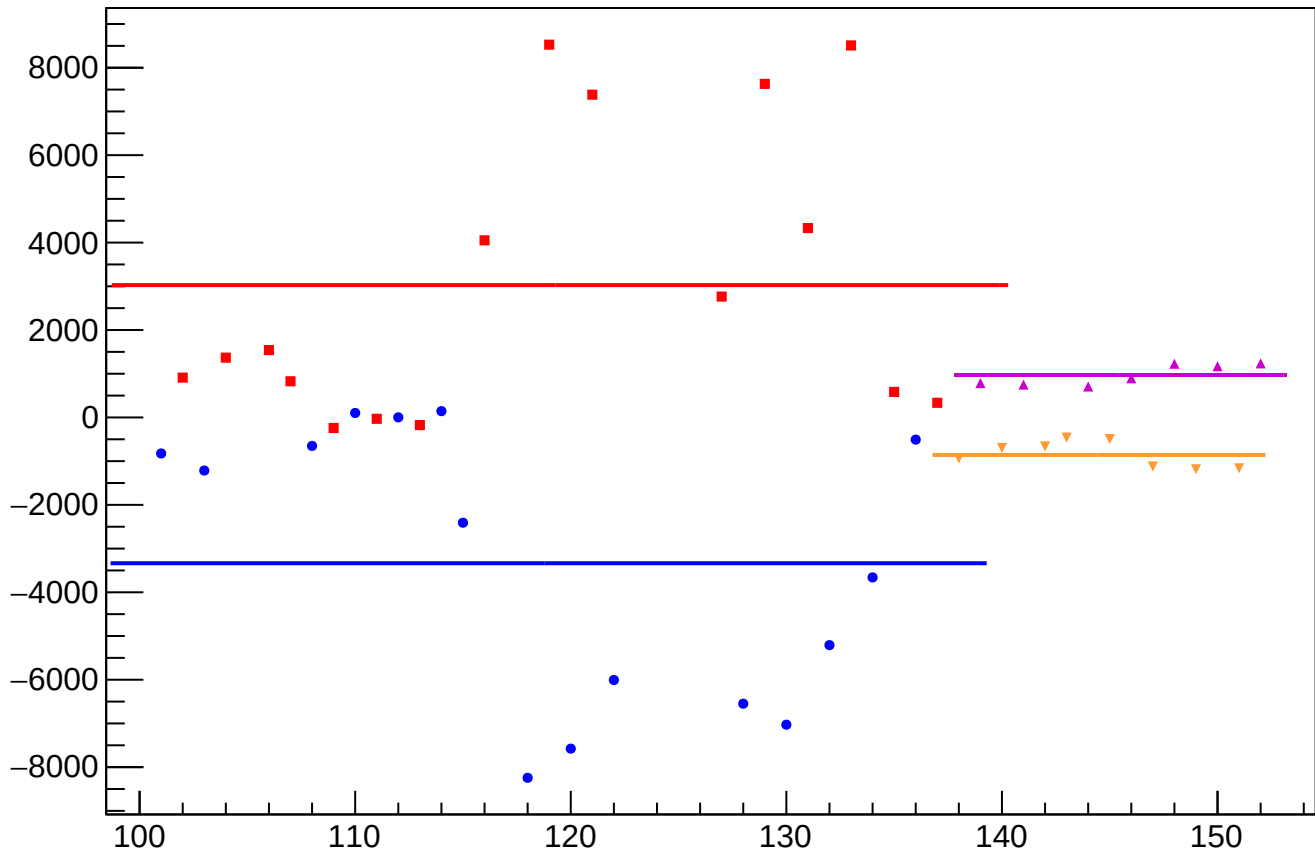
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1211.328+/-0.000

χ^2/NDF : 13918001771304500898480106304308248576.0/6

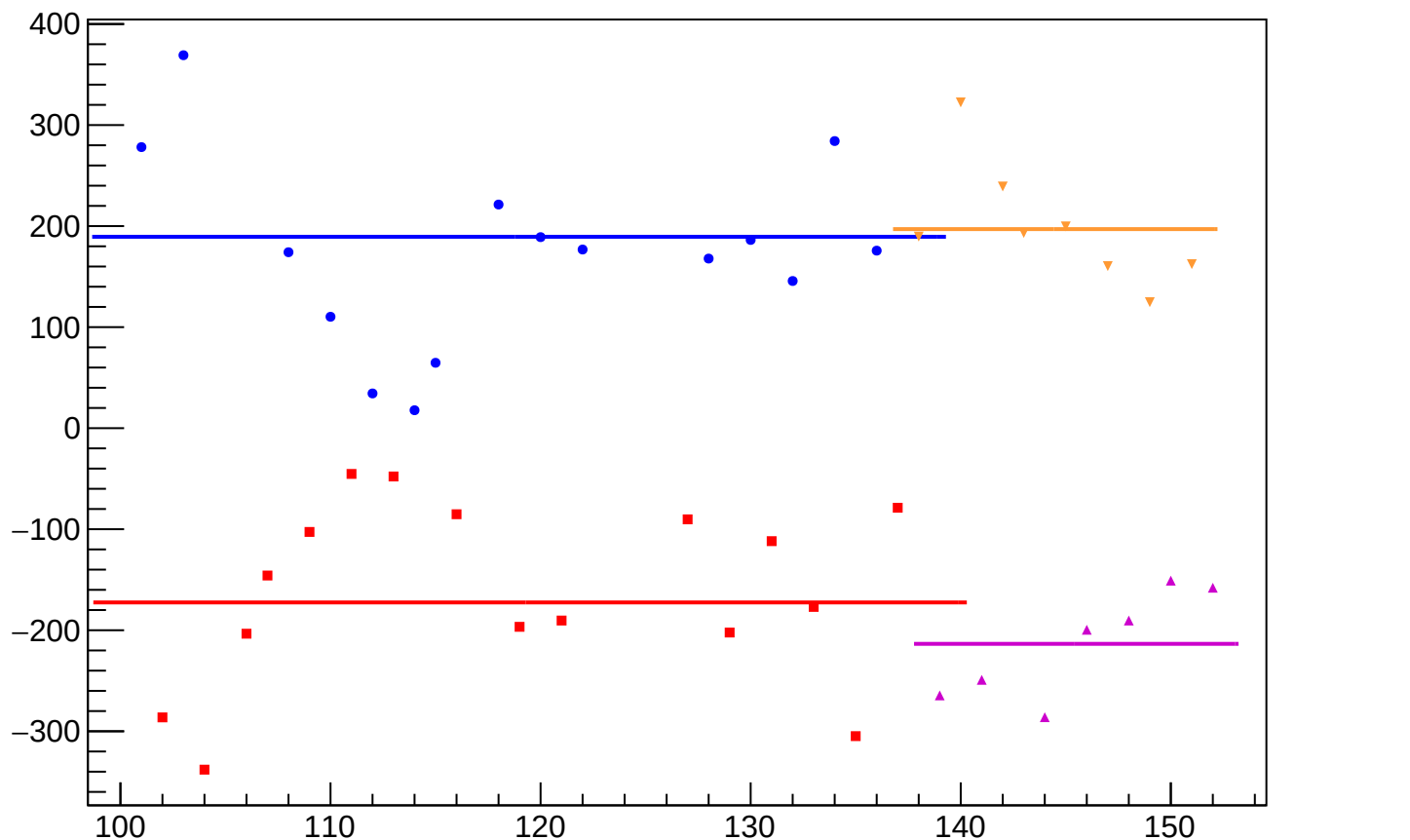
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_sam8_coil7_mean vs Slug, Sign Corrected



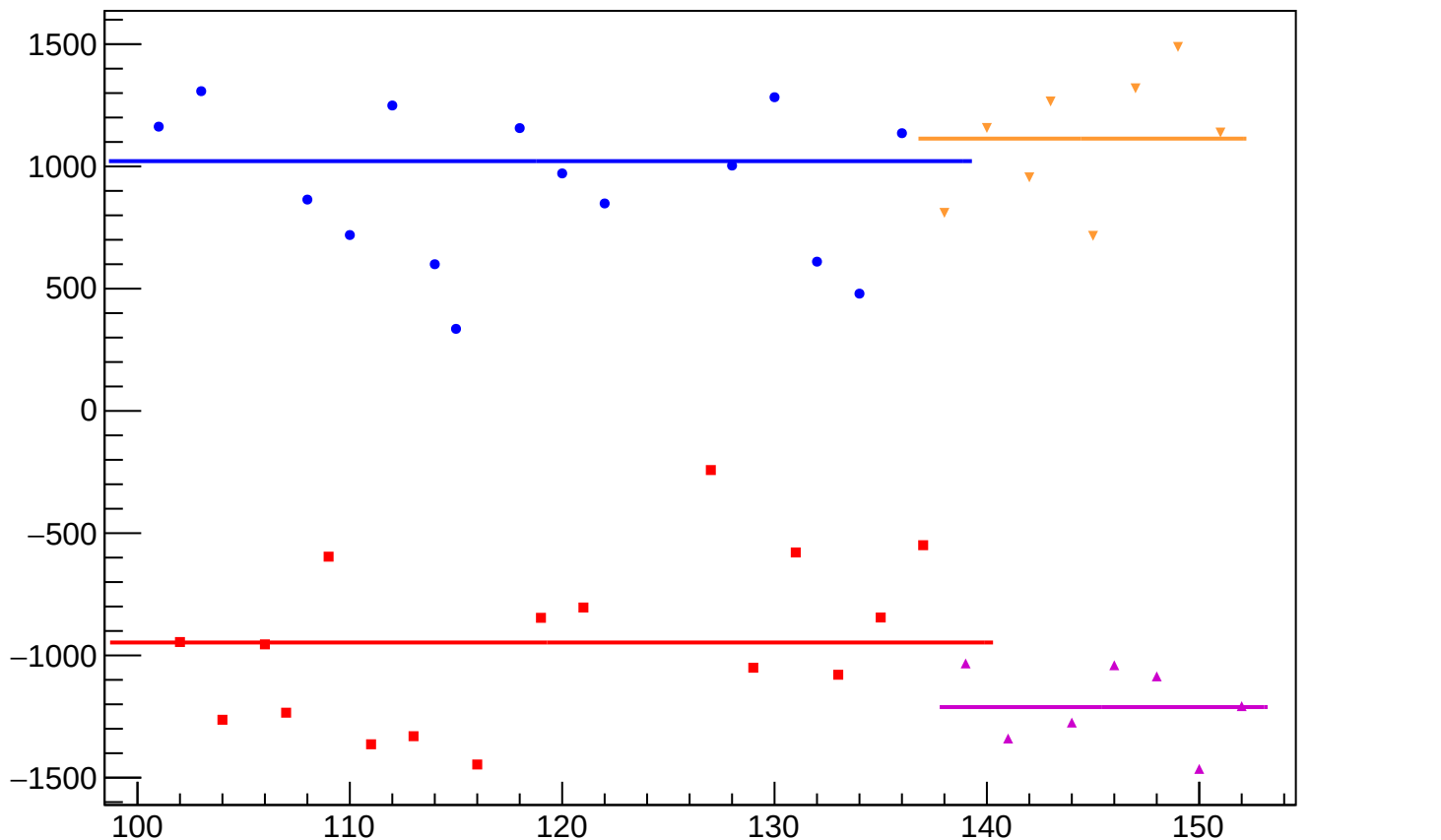
Left: 61.650 +/- 0.000 χ^2/NDF : 10738712977782252
 Right: -110.320 +/- 0.000 χ^2/NDF : 26741707536001
 In: -1266.692 +/- 0.000 χ^2/NDF : 121478991708895
 Out: 1198.782 +/- 0.000 χ^2/NDF : 118734796559017
 All: -28.550 +/- 0.000 χ^2/NDF : 278340842091

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 189.442 ± 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 197.021 ± 0.000 χ^2/NDF : 2014140853205049293198975869843931136.0/7
 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: -1.332 ± 0.000 χ^2/NDF : 1072773870110

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1113.744+/-0.000

χ^2/NDF : 38023893801940446731487834354860687360.0/7

Right Out: -947.145+/-0.000

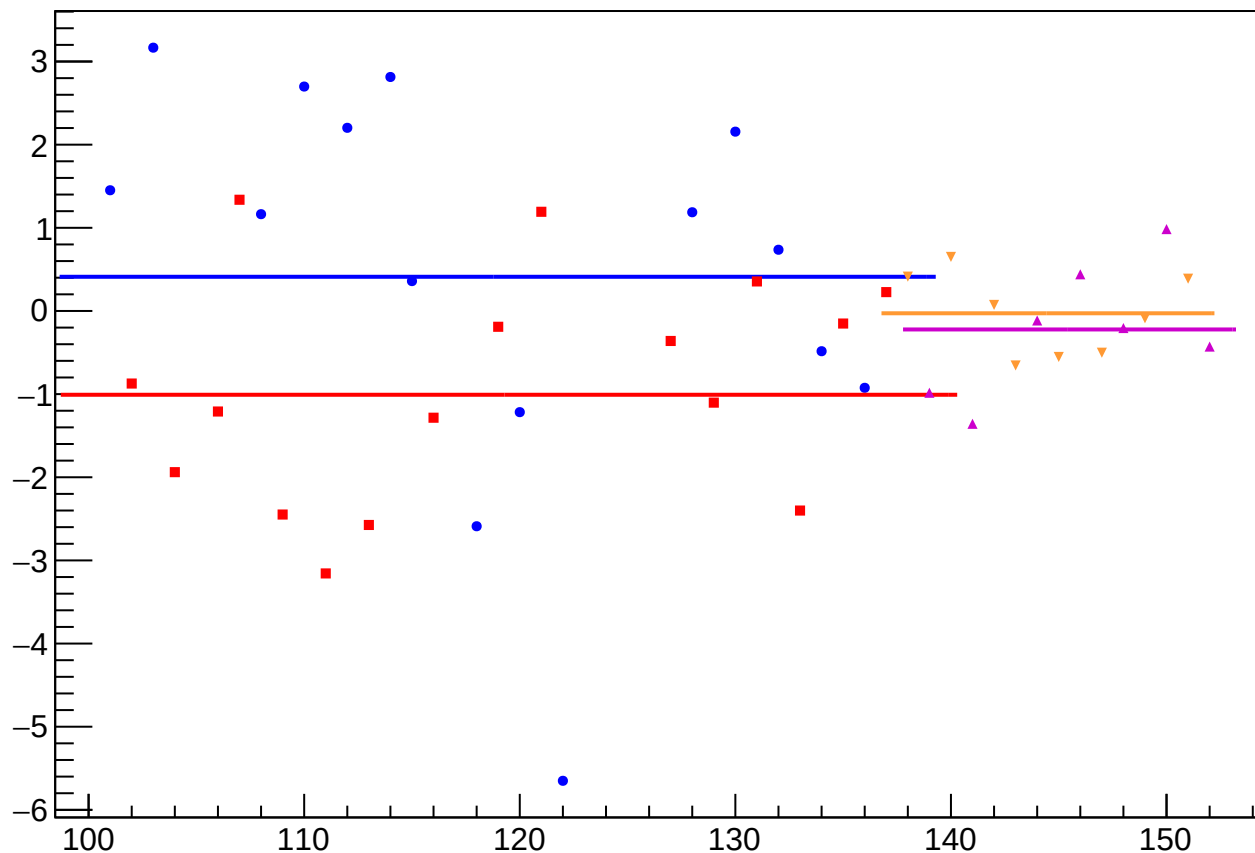
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1211.328+/-0.000

χ^2/NDF : 13918001771304500898480106304308248576.0/6

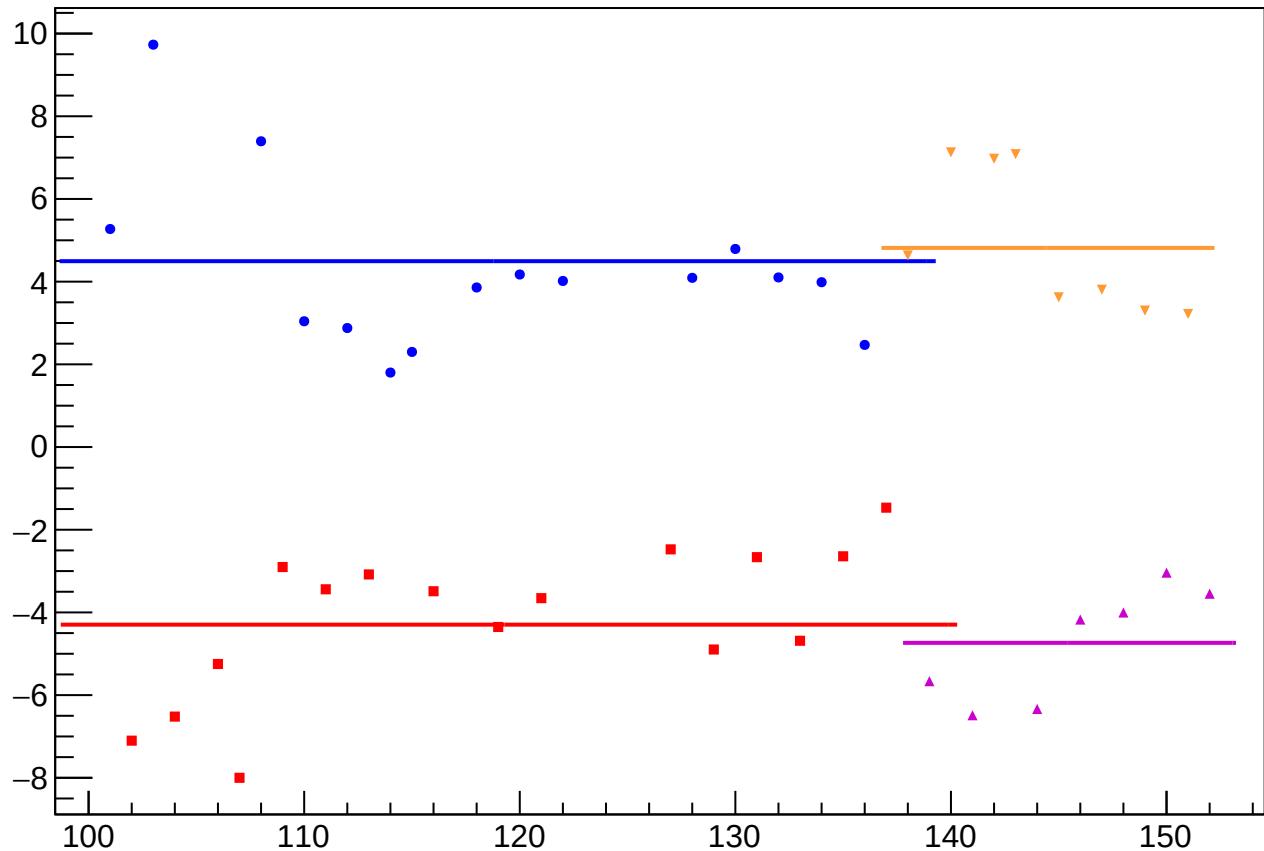
All: -13.958+/-0.000 χ^2/NDF : 305149915808

dit_4aX_coil4_mean vs Slug, Sign Corrected



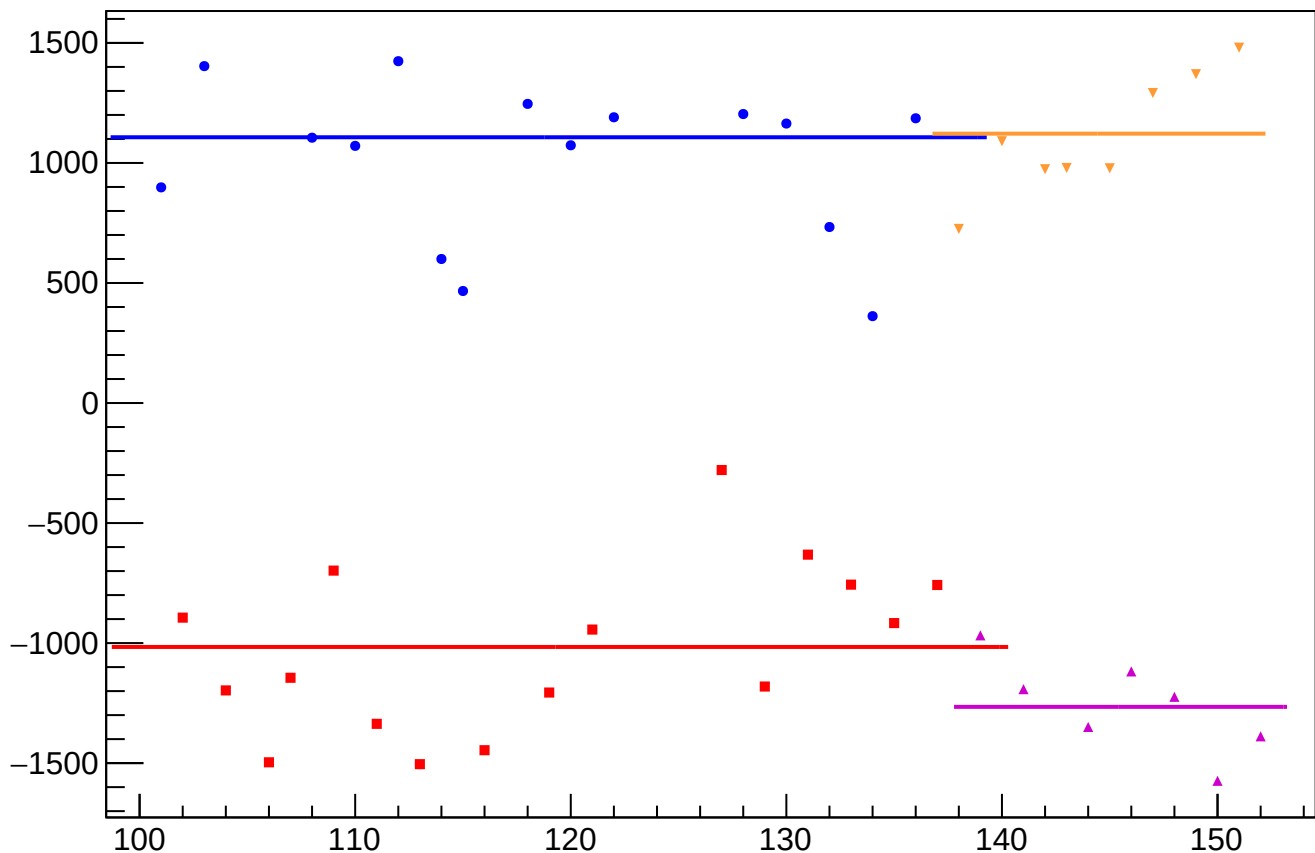
Right In: 0.411 ± 0.000 $\chi^2/\text{NDF}: 3385573506255563170053089820409856.0/14$
 Left Out: -0.028 ± 0.000 $\chi^2/\text{NDF}: 133199938506321417505342262083584.0/7$
 Right Out: -1.008 ± 0.000 $\chi^2/\text{NDF}: 1128402228144096394498047410700288.0/15$
 Left In: -0.222 ± 0.000 $\chi^2/\text{NDF}: 330176704359855280549394055692288.0/6$
 All: -0.221 ± 0.000 $\chi^2/\text{NDF}: 5671784873256$

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



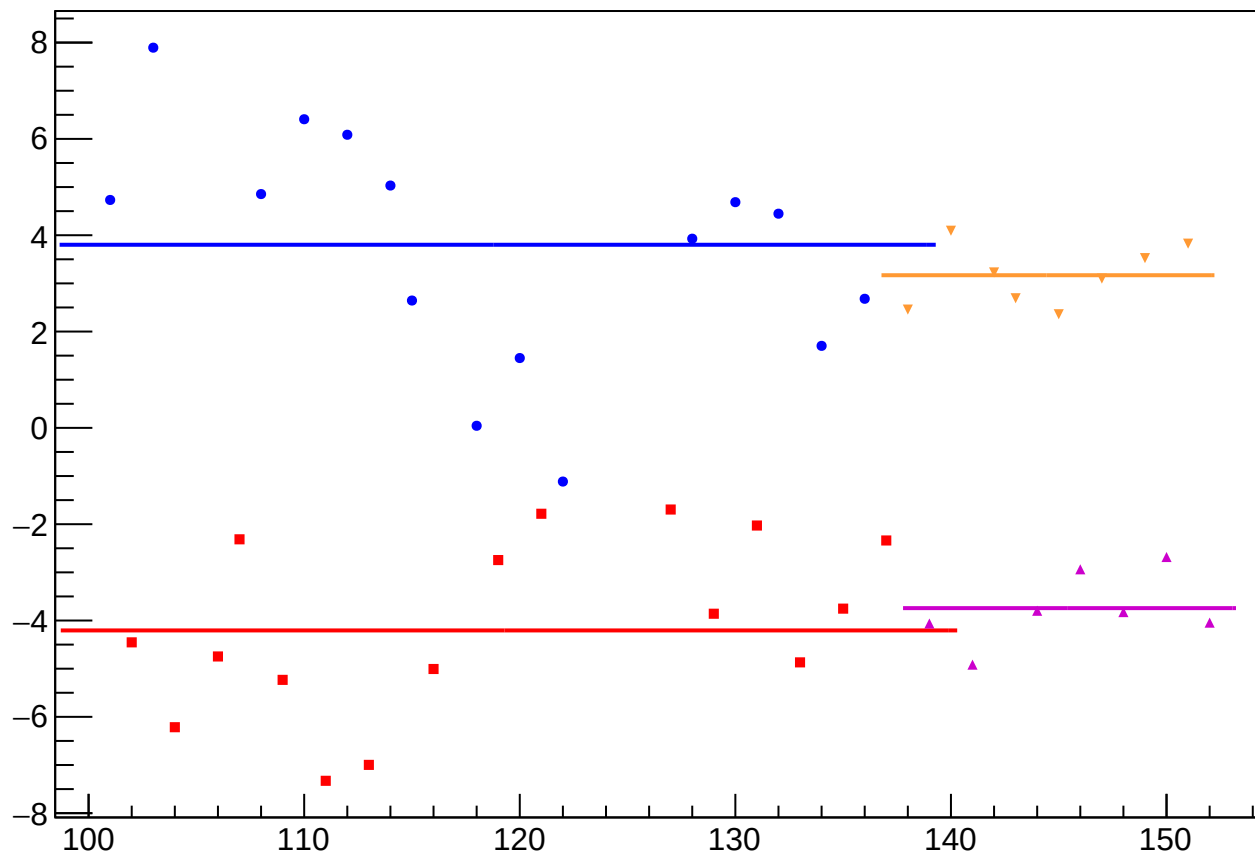
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.816 $\pm$ 0.000 χ^2 /NDF: 1583754294918634550050187366105088.0/7
 Right Out: -4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: -4.736 $\pm$ 0.000 χ^2 /NDF: 1014710911248110557283867359707136.0/6
 All: 0.027 $\pm$ 0.000 χ^2 /NDF: 59986772824510

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



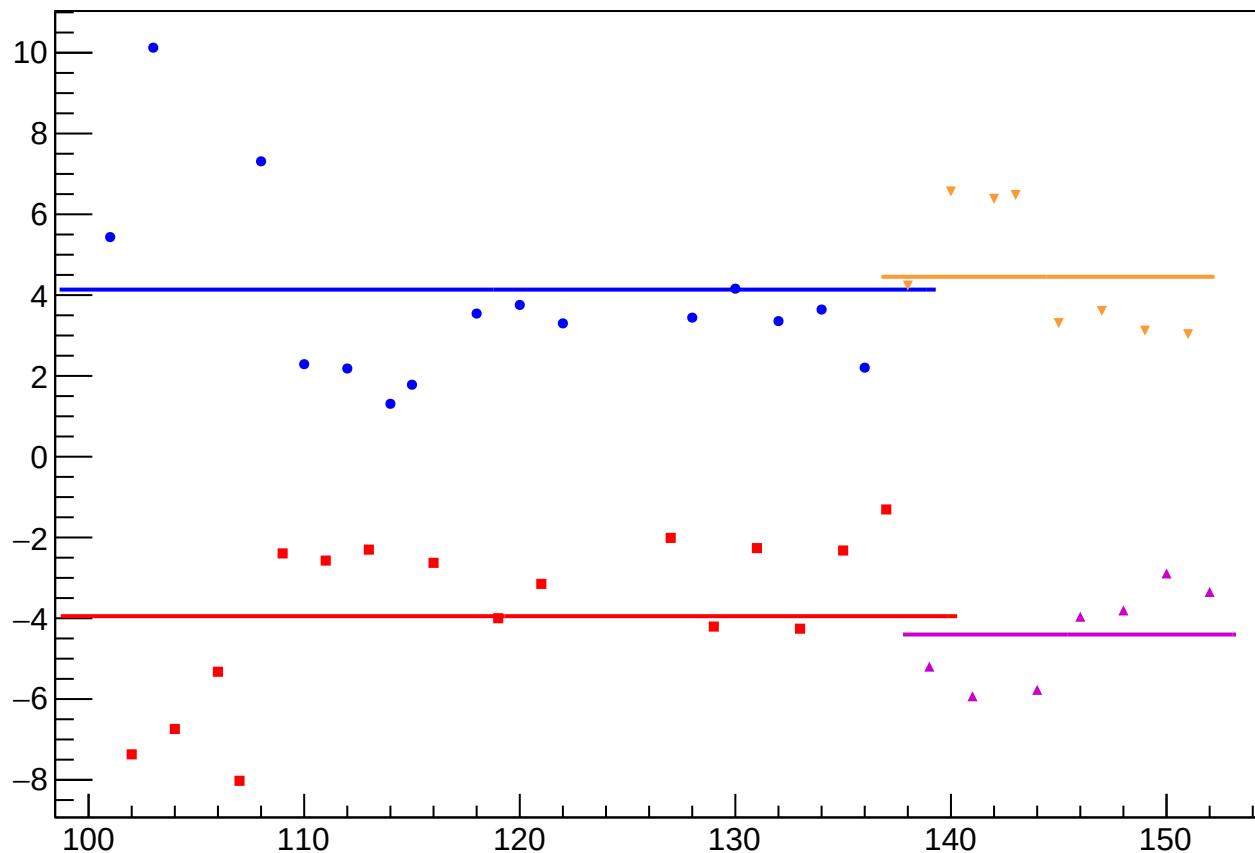
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_4eX_coil4_mean vs Slug, Sign Corrected



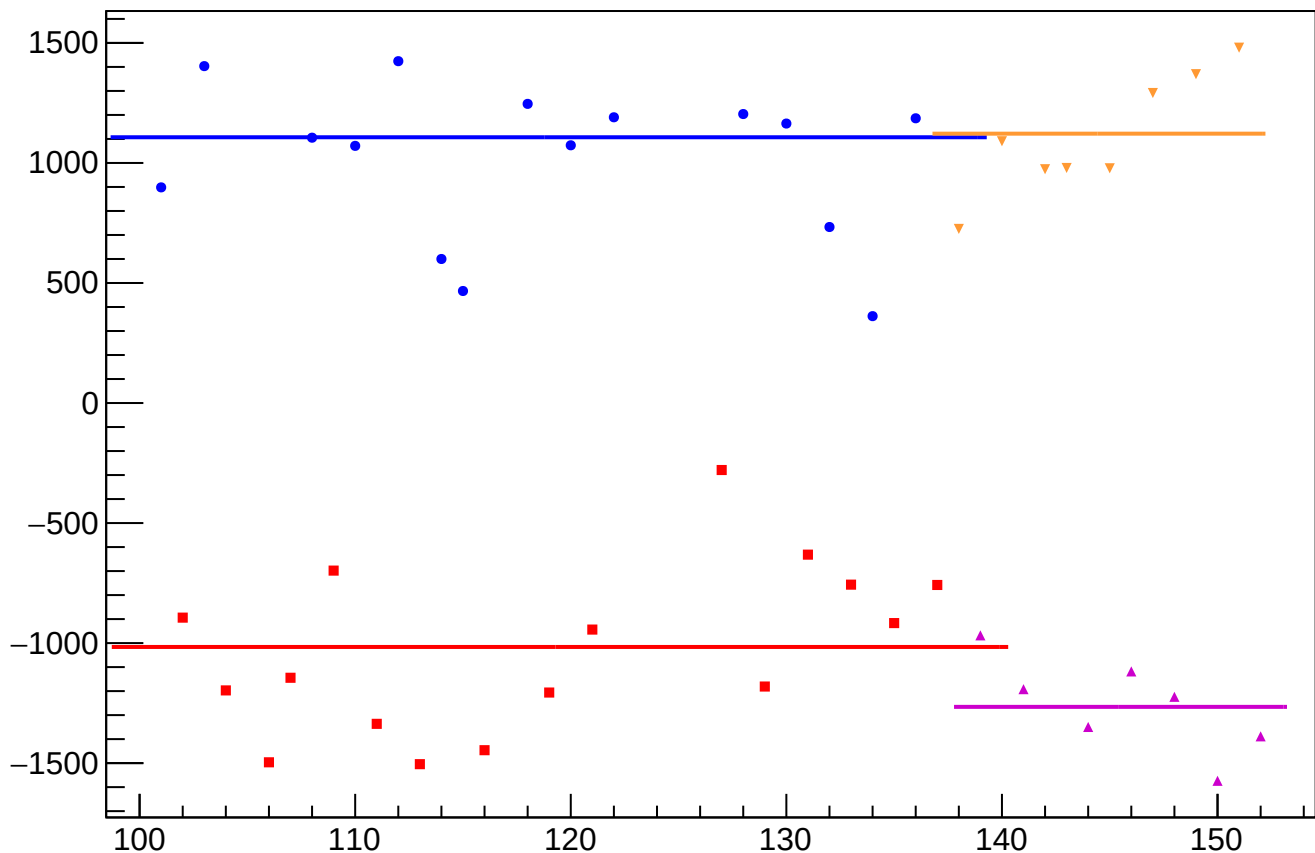
Right In: 3.802 ± 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.169 ± 0.000 χ^2/NDF : 222422295652783117868958855725056.0/7
 Right Out: -4.206 ± 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -3.743 ± 0.000 χ^2/NDF : 290480987979103116218697116549120.0/6
 All: -0.281 ± 0.000 χ^2/NDF : 4174801933434

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



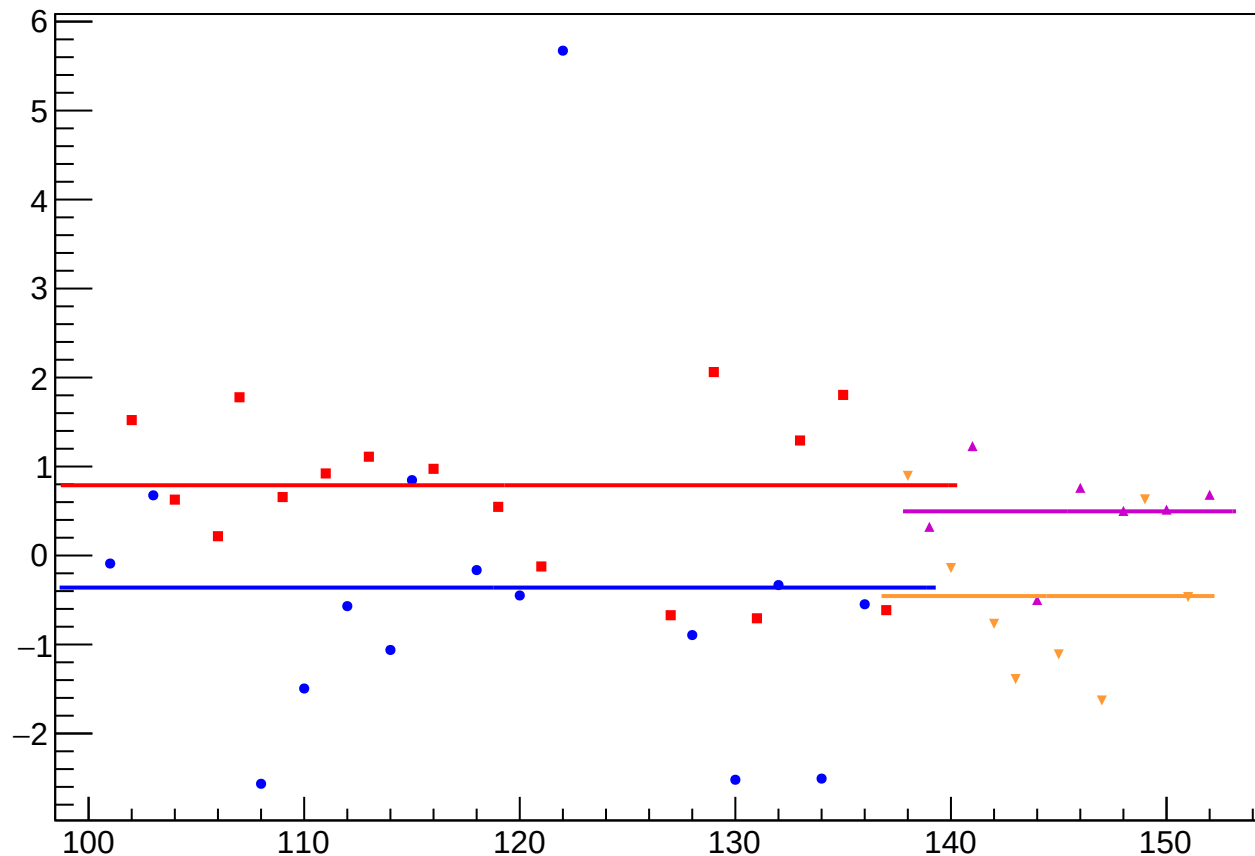
Right In: 4.136 ± 0.000 $\chi^2/\text{NDF}: 3507600624388663919898505496231936.0/14$
 Left Out: 4.454 ± 0.000 $\chi^2/\text{NDF}: 1282347212863387287115420533784576.0/7$
 Right Out: -3.948 ± 0.000 $\chi^2/\text{NDF}: 2670176783942302028345551100051456.0/15$
 Left In: -4.402 ± 0.000 $\chi^2/\text{NDF}: 767562234556621489129512419459072.0/6$
 All: 0.020 ± 0.000 $\chi^2/\text{NDF}: 53119309351433$

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



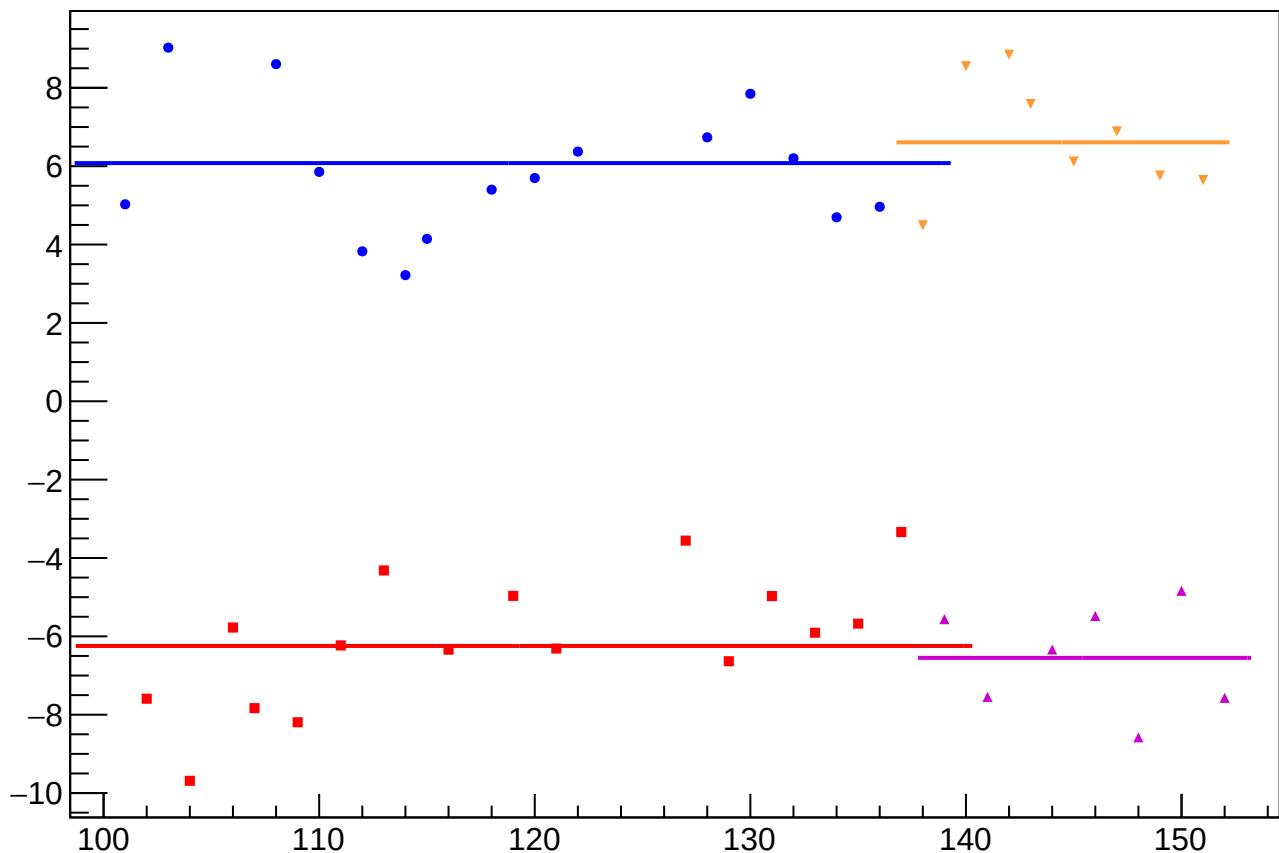
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_11X12X_coil4_mean vs Slug, Sign Corrected



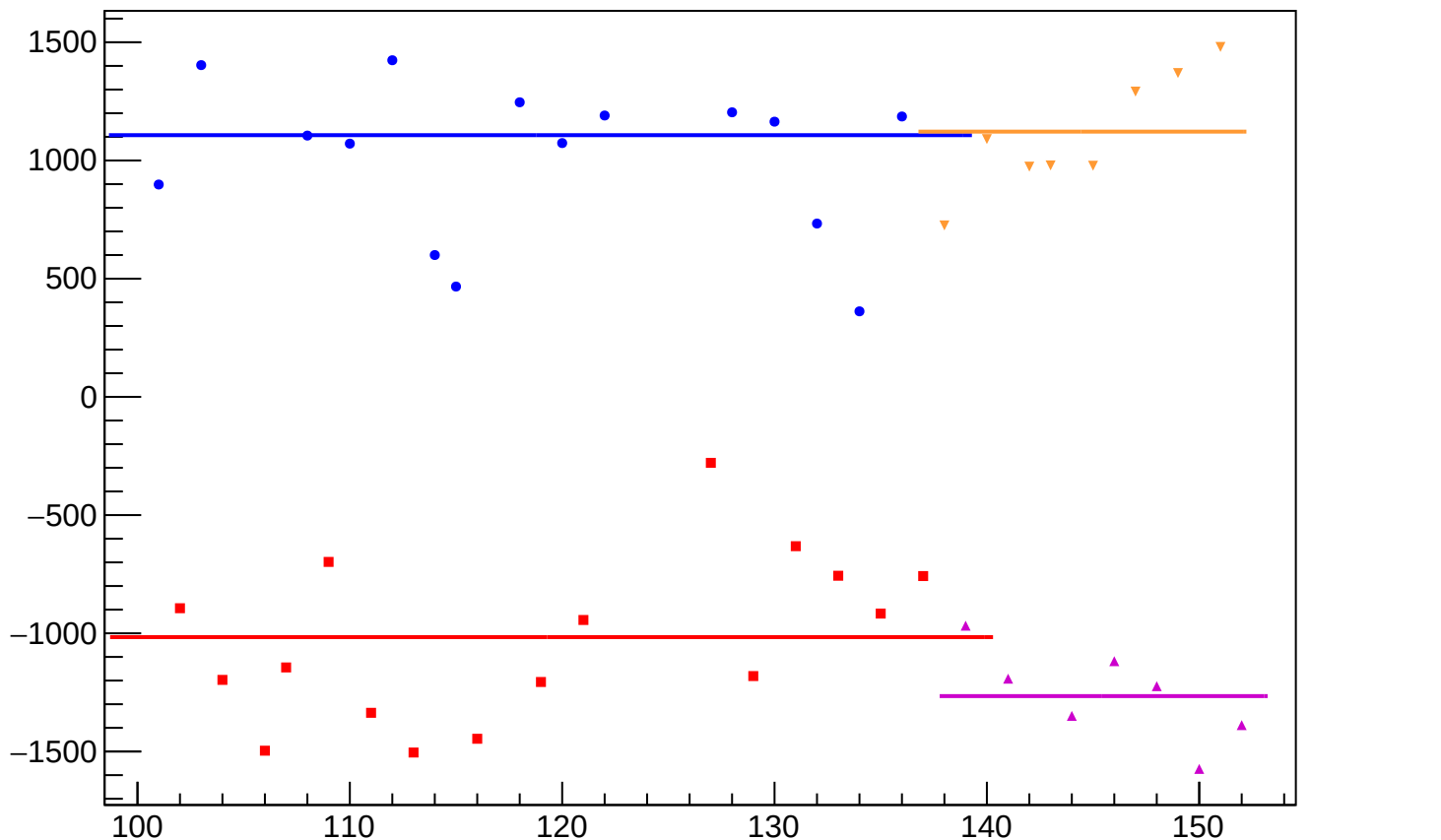
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.455 ± 0.000 χ^2/NDF : 454644499125459983078222131625984.0/7
 Right Out: 0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: 0.496 ± 0.000 χ^2/NDF : 145232068233053201988770540290048.0/6
 All: 0.128 ± 0.000 χ^2/NDF : 39731598091113

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



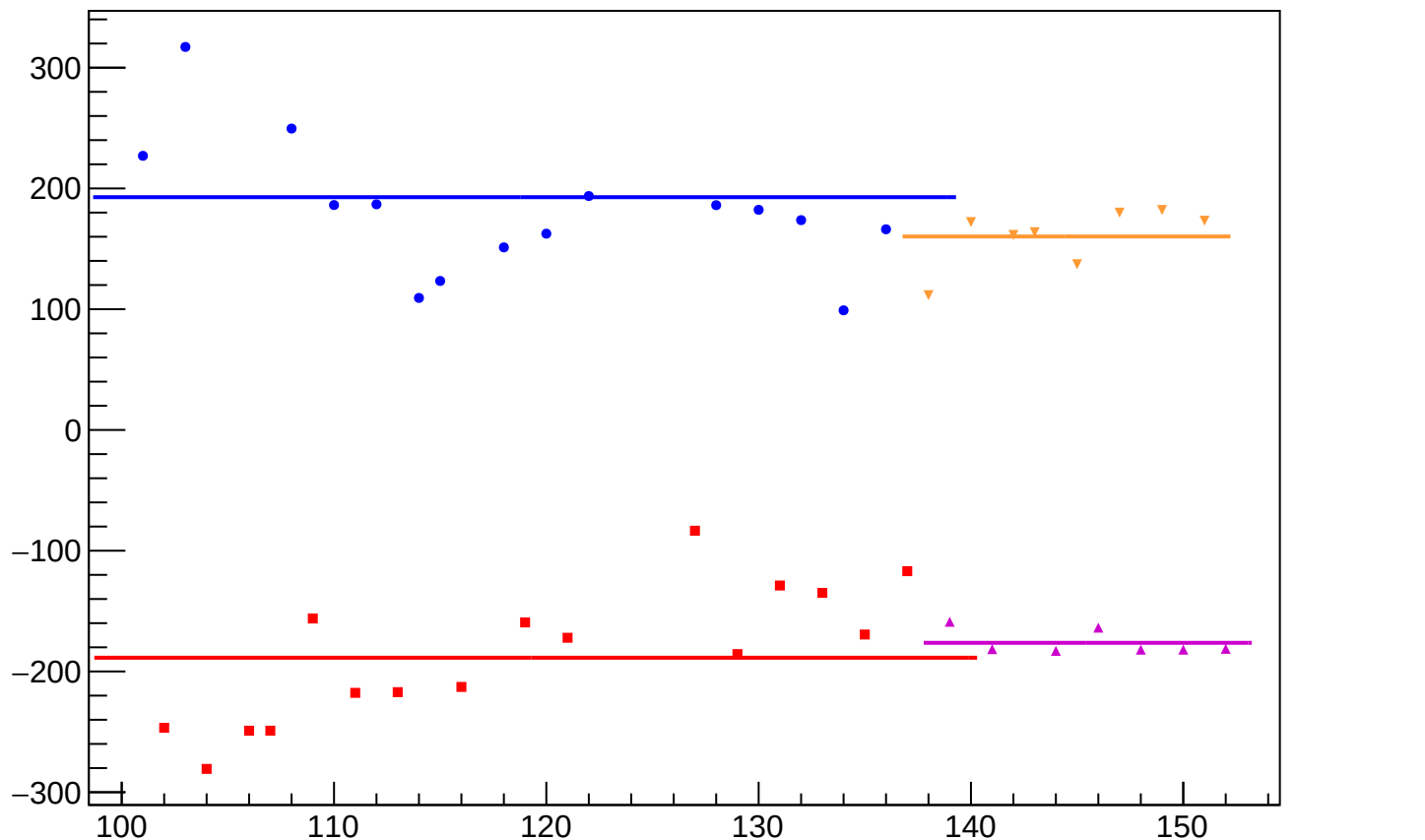
Right In: 6.079 ± 0.000 $\chi^2/\text{NDF}: 1590295171022705157509900448825344.0/14$
 Left Out: 6.608 ± 0.000 $\chi^2/\text{NDF}: 111059109171846394285908887545856.0/7$
 Right Out: -6.245 ± 0.000 $\chi^2/\text{NDF}: 1816529163105006938510976985595904.0/15$
 Left In: -6.550 ± 0.000 $\chi^2/\text{NDF}: 964983791940579311085832659533824.0/6$
 All: -0.092 ± 0.000 $\chi^2/\text{NDF}: 1070988817214$

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



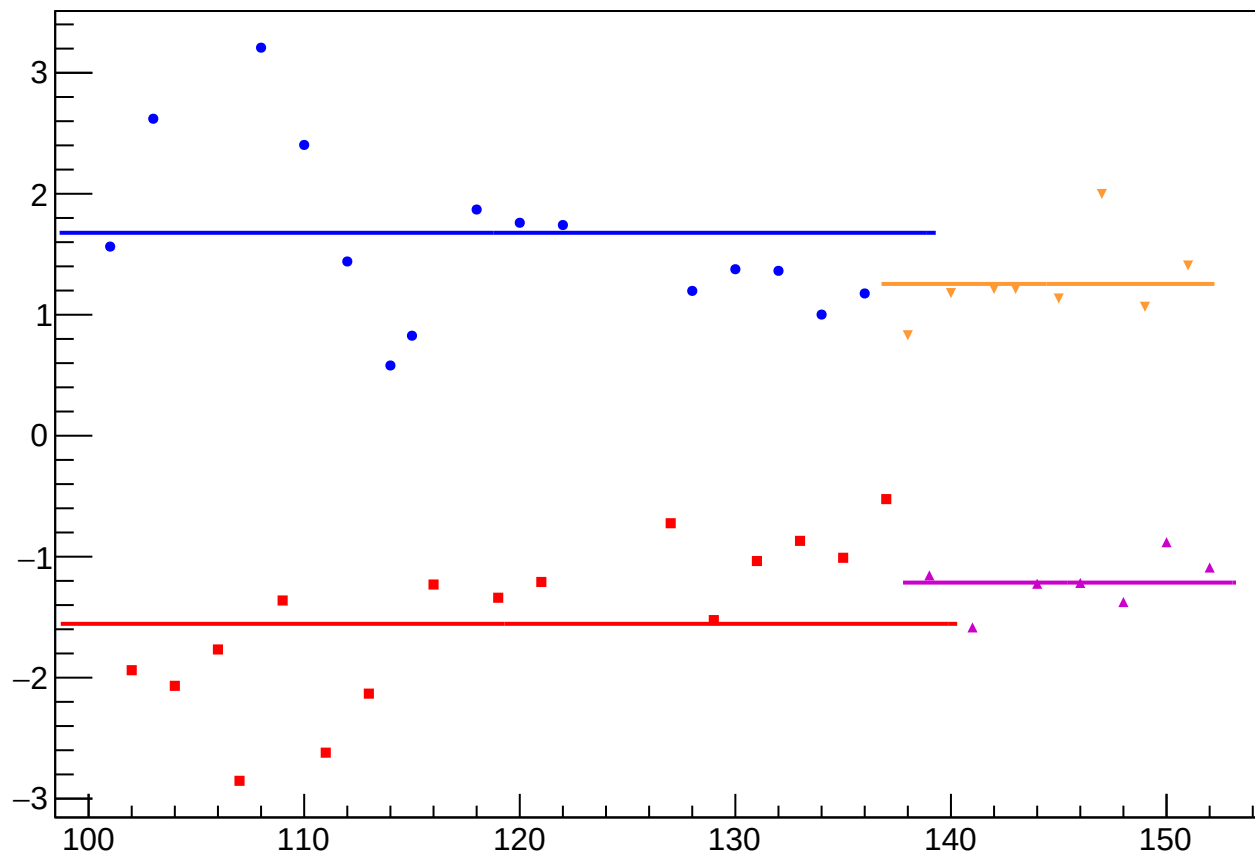
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_4aY_coil4_mean vs Slug, Sign Corrected



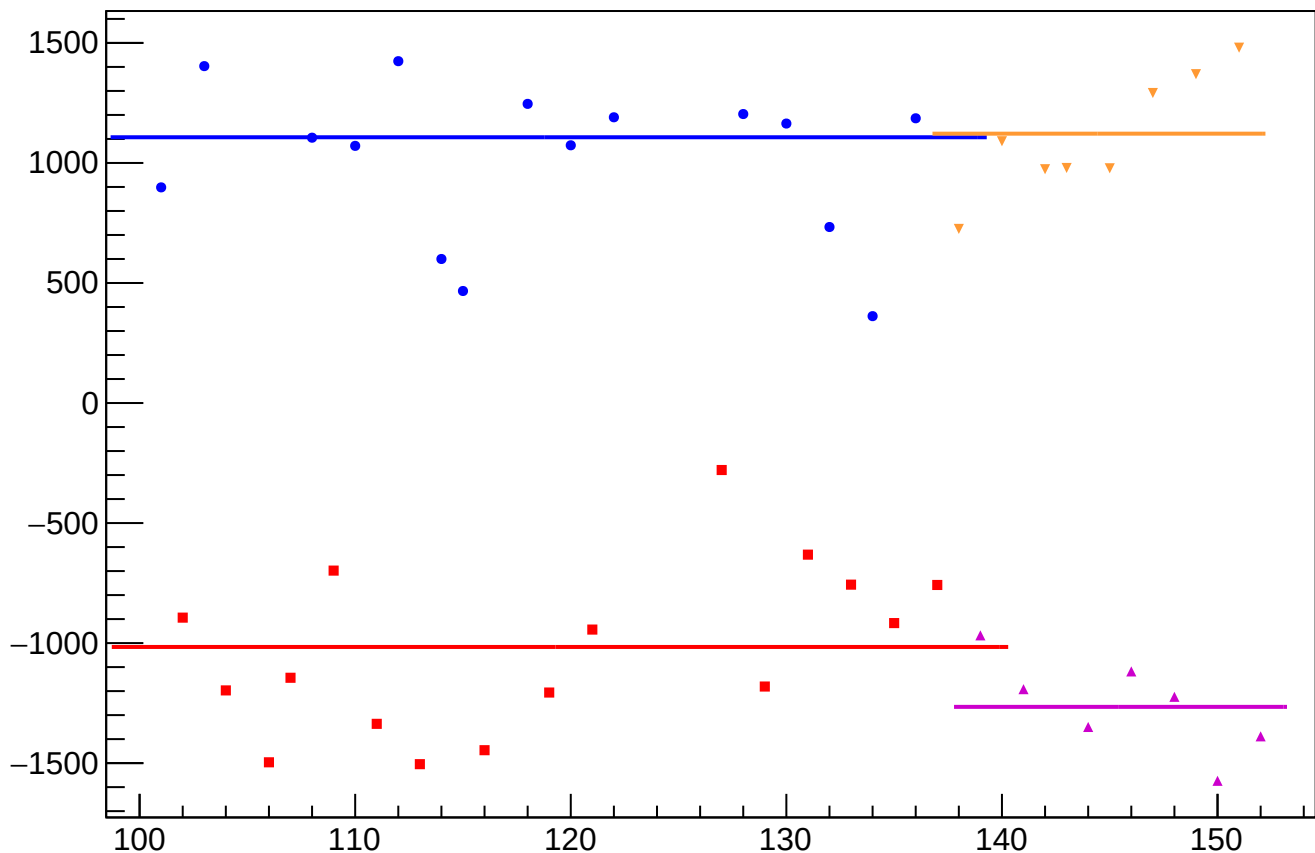
Left: -9.015 ± 0.000 χ^2/NDF : 34146656137761391
 Right In: 192.771 ± 0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14
 Right: -0.529 ± 0.000 χ^2/NDF : 5140794879295893
 Left Out: 160.225 ± 0.000 χ^2/NDF : 323553186434959598428647203339763712.0/7
 In: 15.485 ± 0.000 χ^2/NDF : 441548914715404241
 Right Out: -188.612 ± 0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15
 Out: -24.437 ± 0.000 χ^2/NDF : 4044511656400626
 Left In: -176.280 ± 0.000 χ^2/NDF : 51765712365263659624092752811130880.0/6
 All: -4.564 ± 0.000 χ^2/NDF : 8559966663065

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



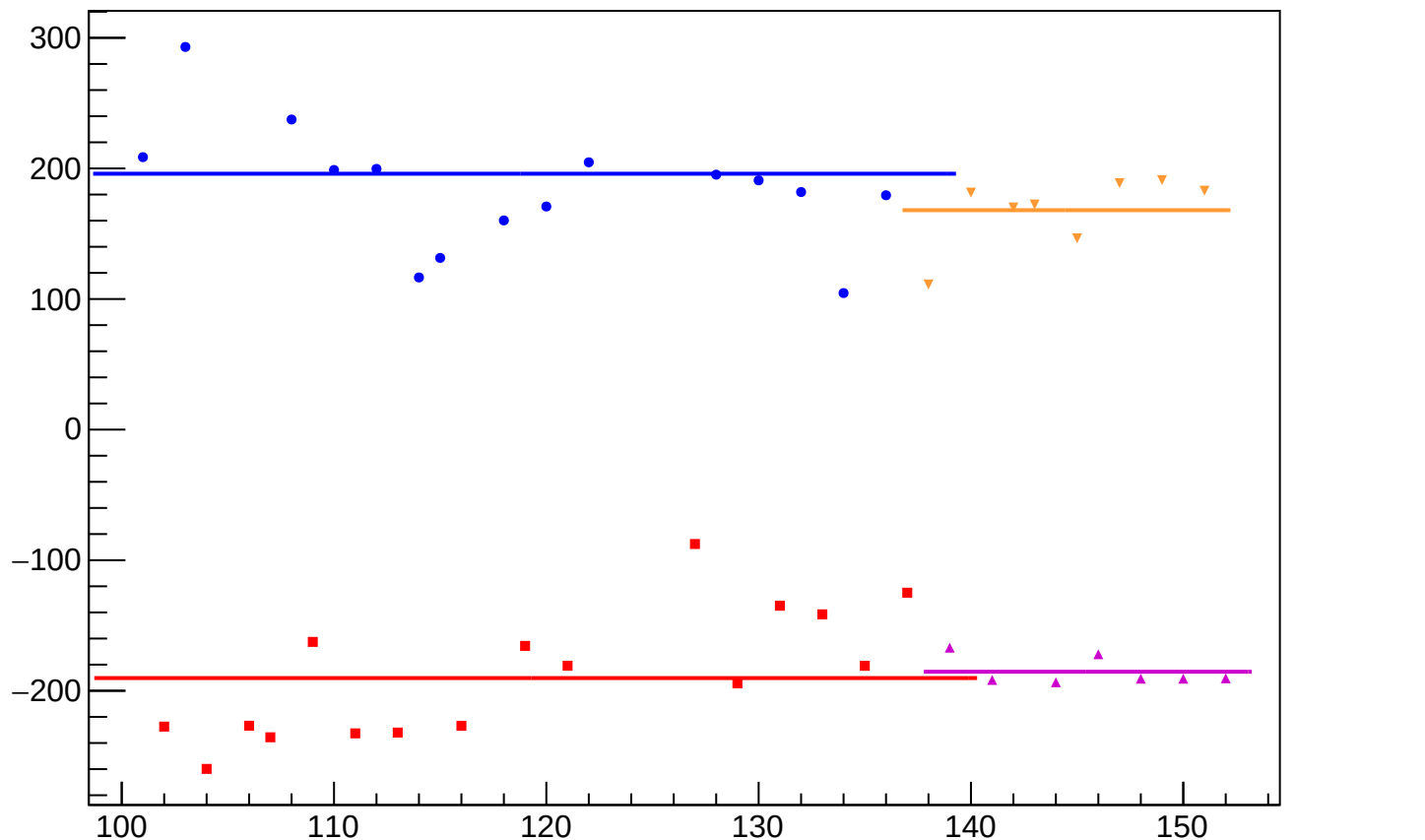
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.255 $\pm$ 0.000 χ^2 /NDF: 63791776659855005489282729115648.0/7
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: -1.214 $\pm$ 0.000 χ^2 /NDF: 25625170464848923079466979164160.0/6
 All: 0.027 $\pm$ 0.000 χ^2 /NDF: 58423872789497

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



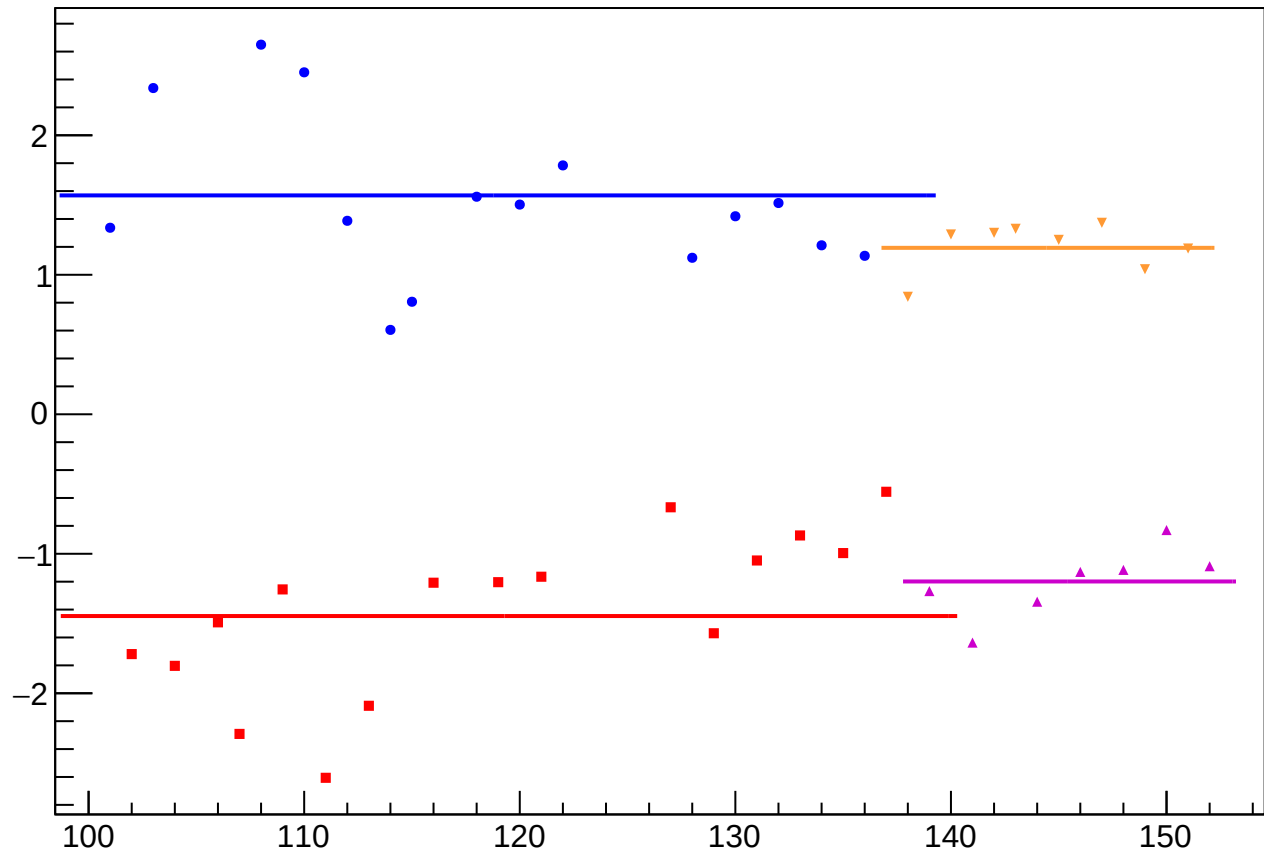
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_4eY_coil4_mean vs Slug, Sign Corrected



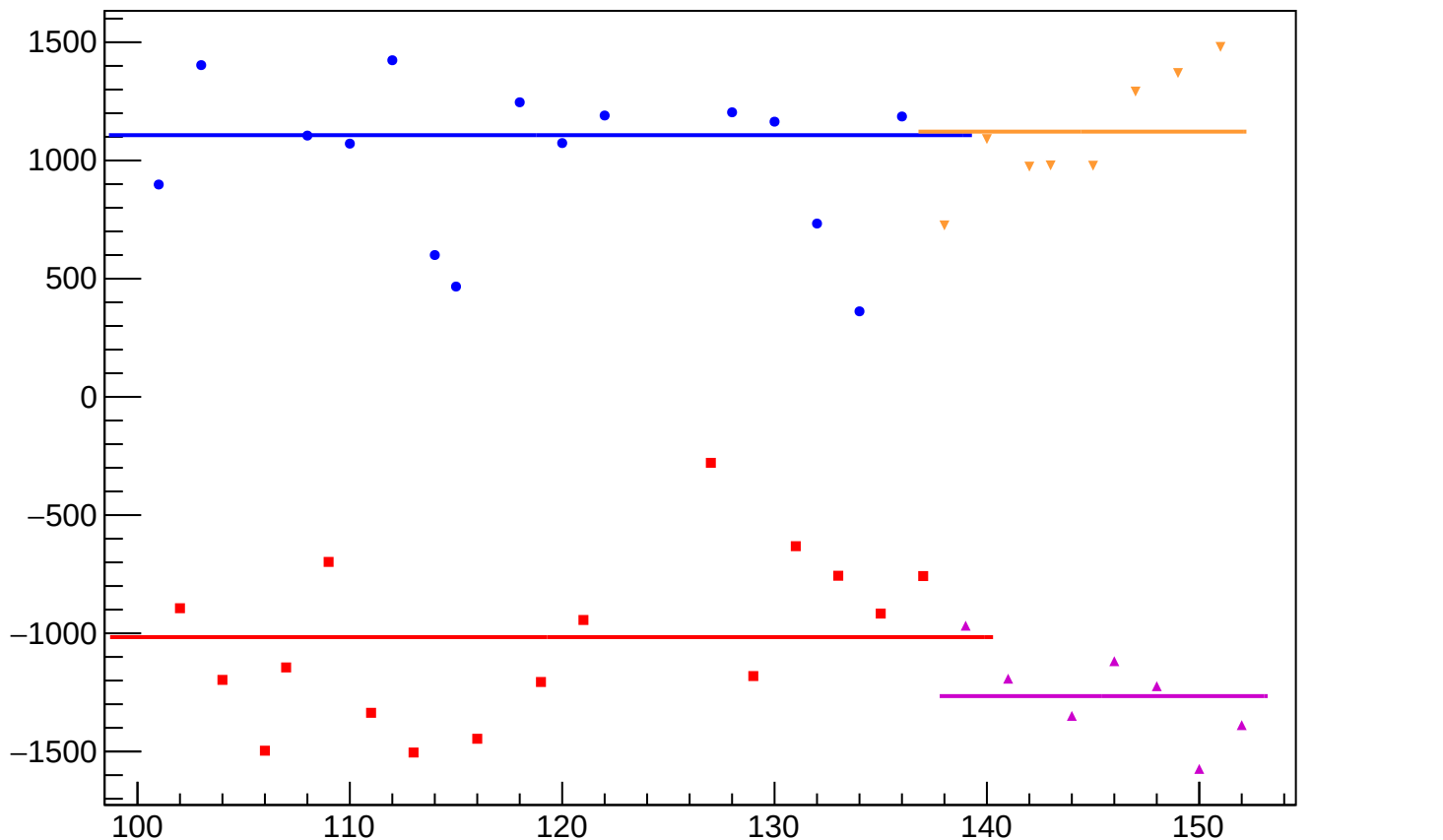
Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14
 Left Out: 168.028 $\pm$ 0.000 χ^2 /NDF: 401685901930995904271457815711711232.0/7
 Right Out: -190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15
 Left In: -185.435 $\pm$ 0.000 χ^2 /NDF: 58734602183335950935843151598845952.0/6
 All: -4.529 $\pm$ 0.000 χ^2 /NDF: 8937275164726

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



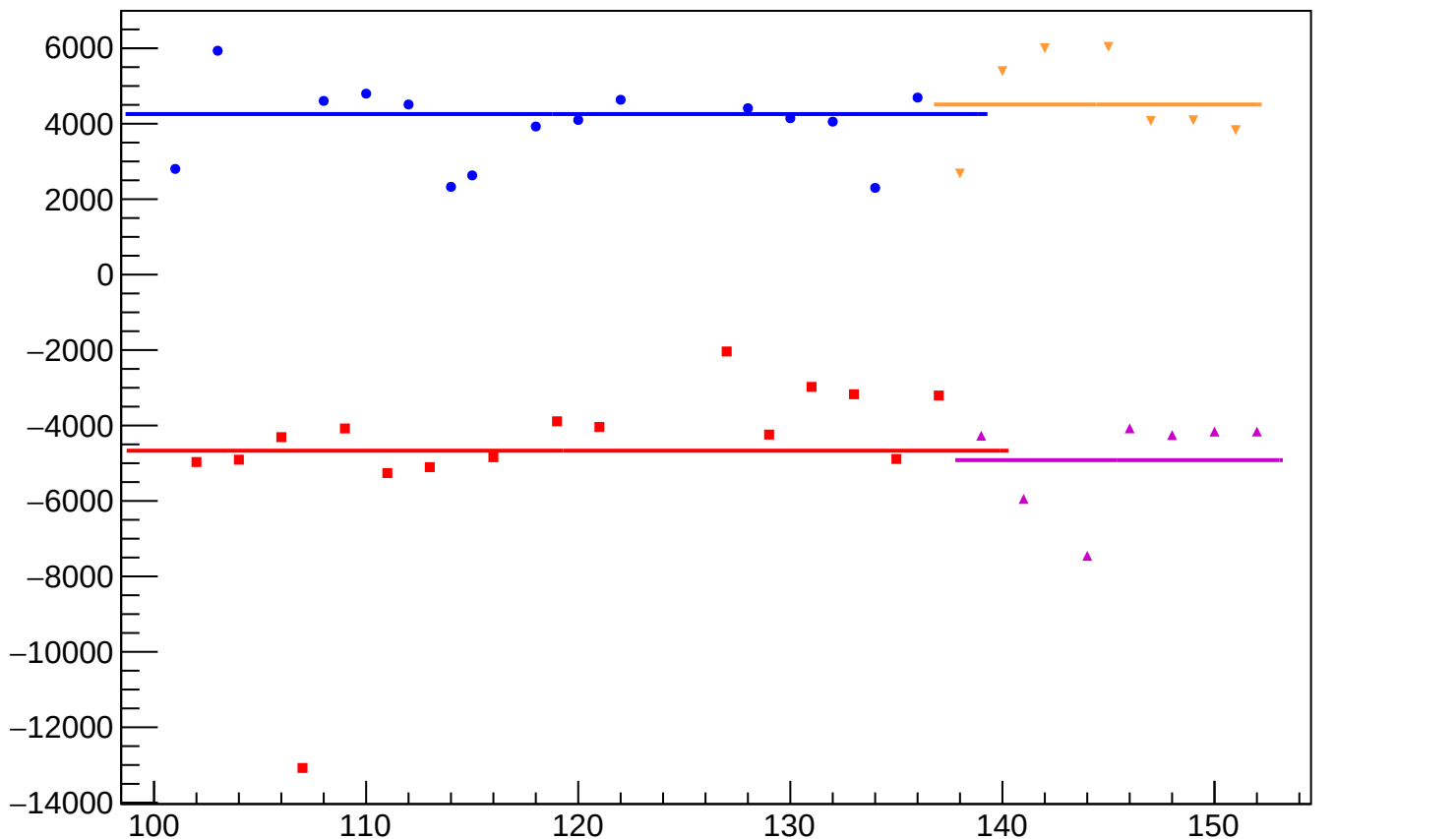
Right In: 1.569 +/- 0.000 χ^2/NDF : 162849195668123380789610540957696.0/14
 Left Out: 1.193 +/- 0.000 χ^2/NDF : 16897715166780285440442916405248.0/7
 Right Out: -1.446 +/- 0.000 χ^2/NDF : 196296653917523352443271052787712.0/15
 Left In: -1.199 +/- 0.000 χ^2/NDF : 32948014681831749804964448305152.0/6
 All: 0.017 +/- 0.000 χ^2/NDF : 51072983725953

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



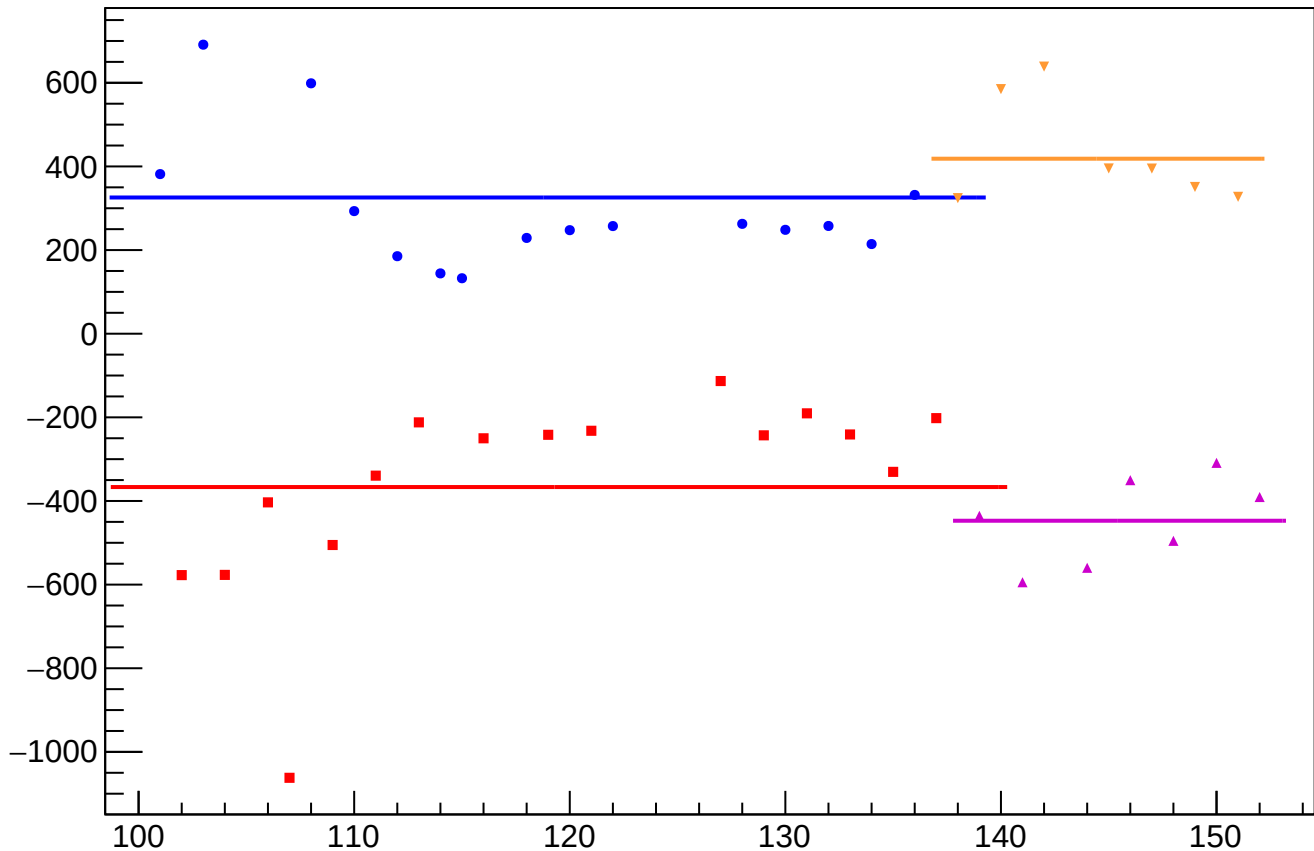
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4509.681+/-0.000 χ^2/NDF : 681778487833128610727520151188461846528.0/6
 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: -380.661+/-0.000 χ^2/NDF : 56421549597

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000

χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 418.488+/-0.000

χ^2/NDF : 6304933551664605154973326046926995456.0/6

Right Out: -366.682+/-0.000

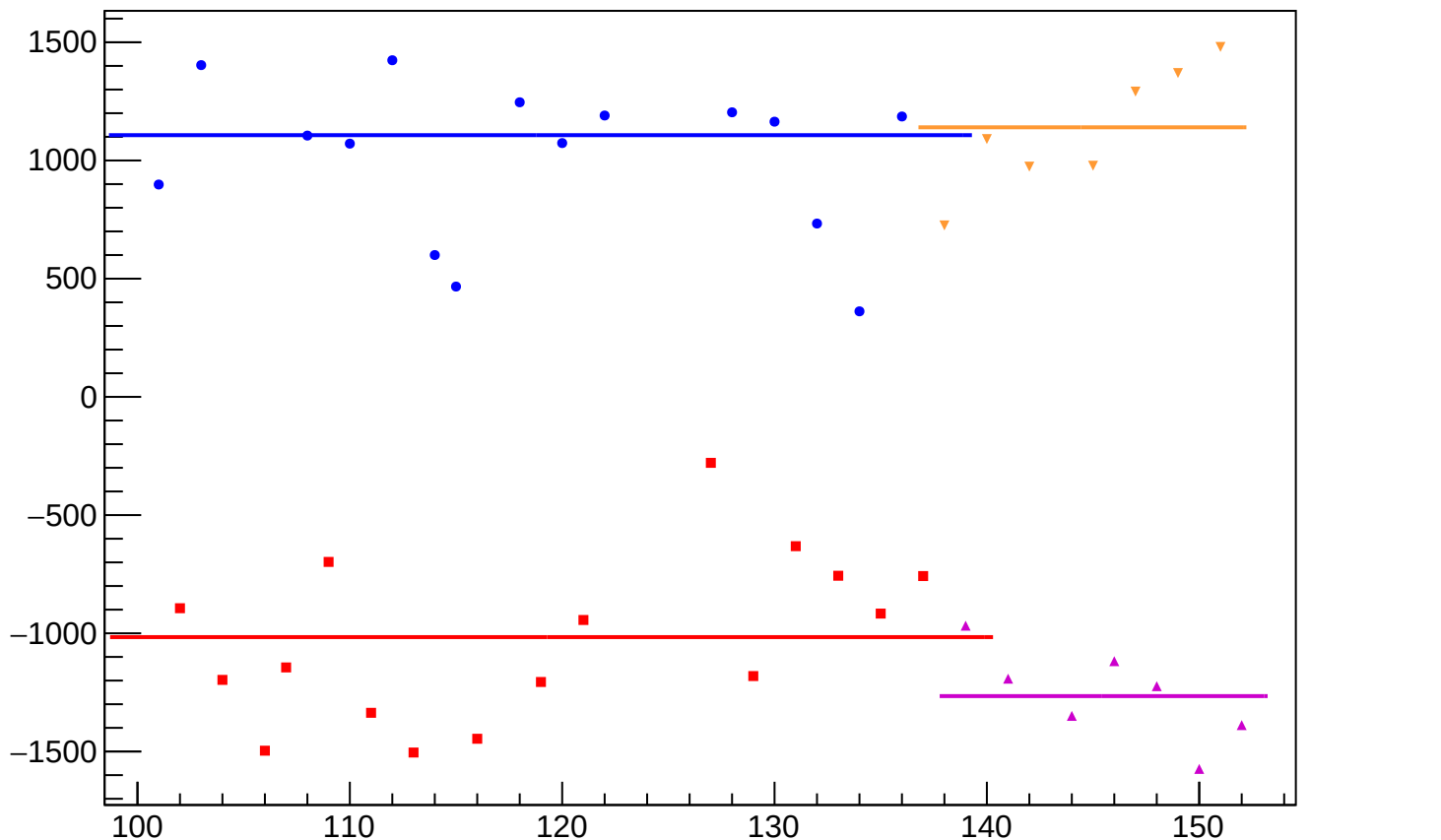
χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: -447.265+/-0.000

χ^2/NDF : 5974986934000238832215038490147028992.0/6

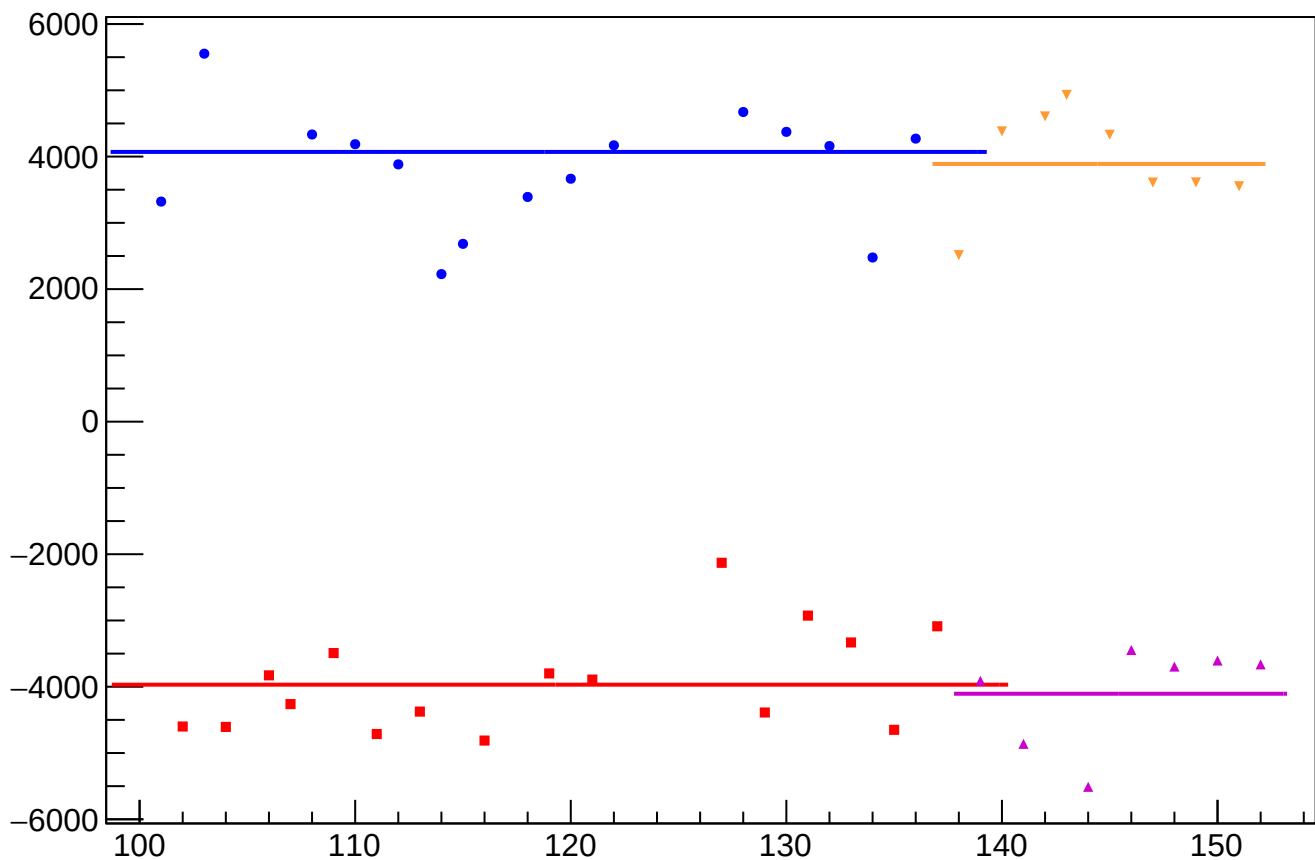
All: -33.338+/-0.000 χ^2/NDF : 426985332475

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



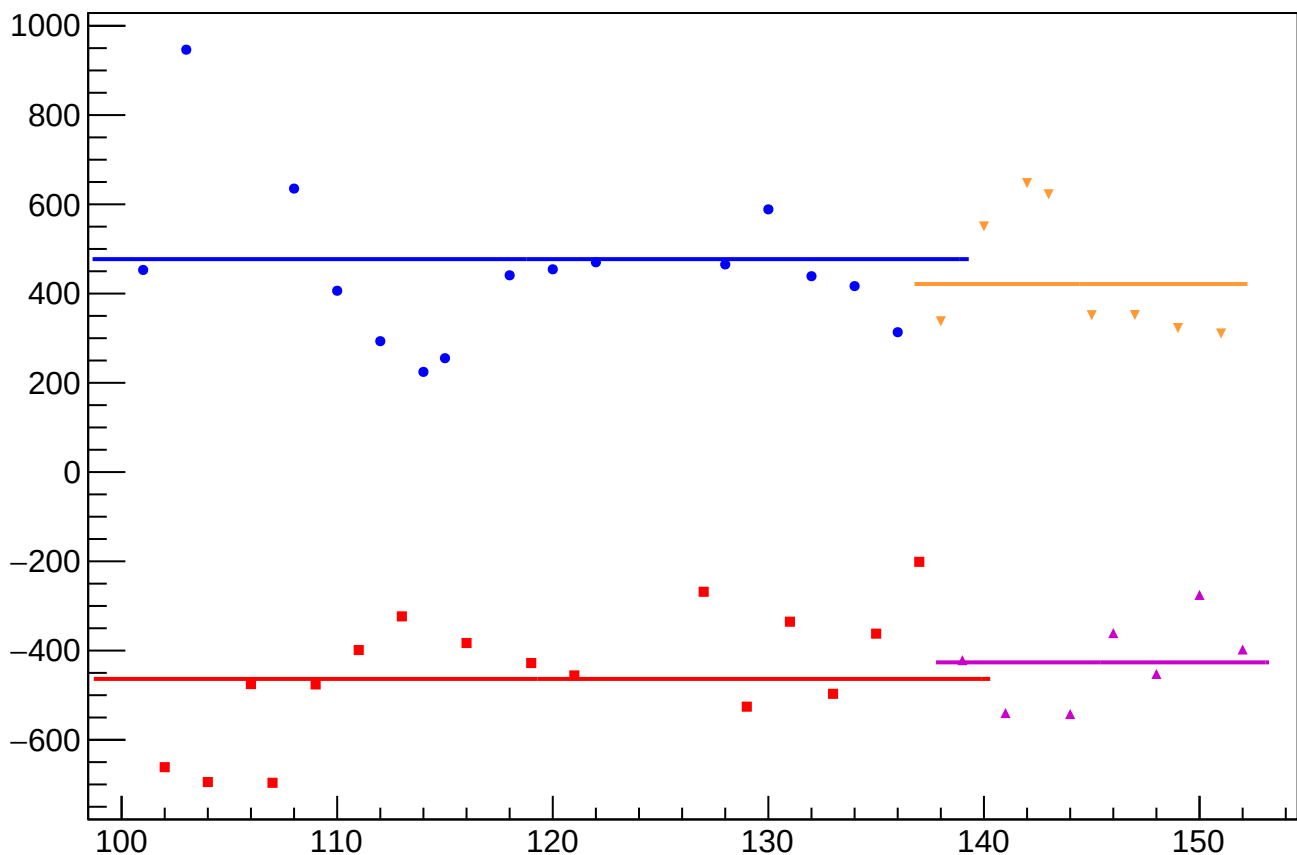
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1140.228 $\pm$ 0.000 χ^2 /NDF: 32155031365022683847411411970286419968.0/6
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -48.684 $\pm$ 0.000 χ^2 /NDF: 328875007162

dit_usr_coil4_mean vs Slug, Sign Corrected



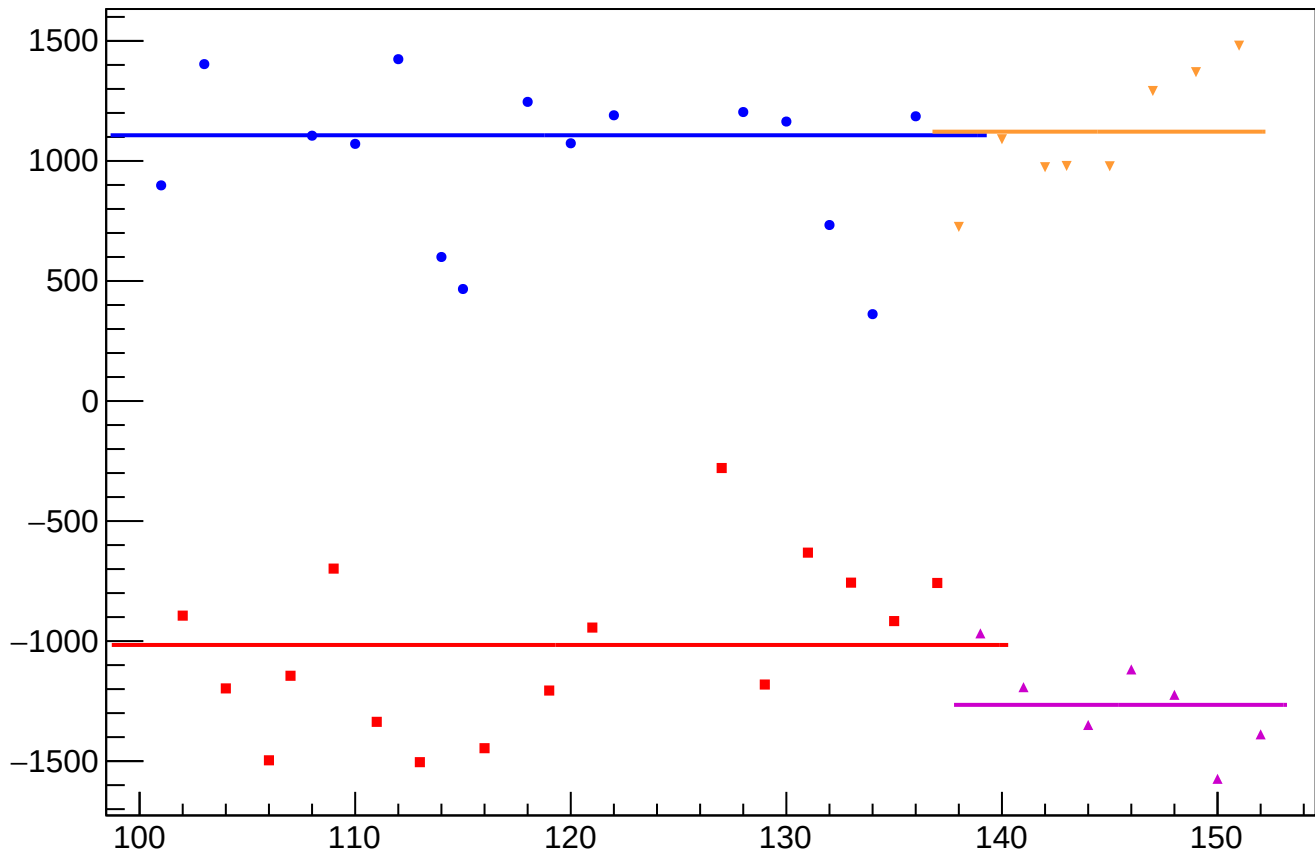
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3889.143+/-0.000 χ^2/NDF : 301084515063549944452299794186506338304.0/7
 Right Out: -3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: -4105.407+/-0.000 χ^2/NDF : 31739746182680353027403421022448312320.0/6
 All: -64.728+/-0.000 χ^2/NDF : 416519310756

dit_usr_coil4_err_mean vs Slug, Sign Corrected



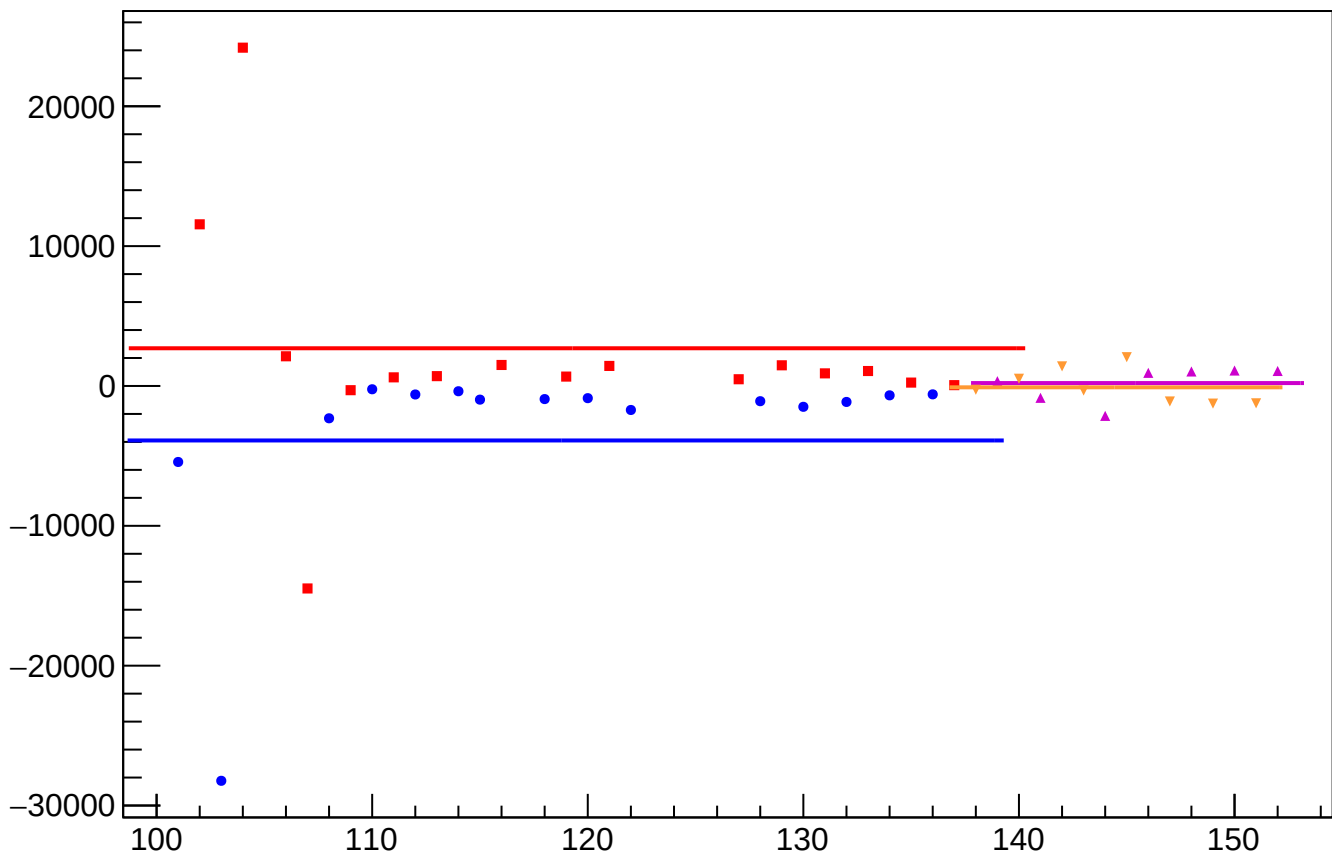
Right In: 477.186 ± 0.000 $\chi^2/\text{NDF}: 20455719931758379978892605184974782464.0/14$
 Left Out: 421.460 ± 0.000 $\chi^2/\text{NDF}: 9508299495629576985389965894014205952.0/7$
 Right Out: -463.513 ± 0.000 $\chi^2/\text{NDF}: 12556777931069903370031832388184571904.0/15$
 Left In: -426.416 ± 0.000 $\chi^2/\text{NDF}: 4854144384091912940948249854768840704.0/6$
 All: -2.149 ± 0.000 $\chi^2/\text{NDF}: 5528778086930$

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



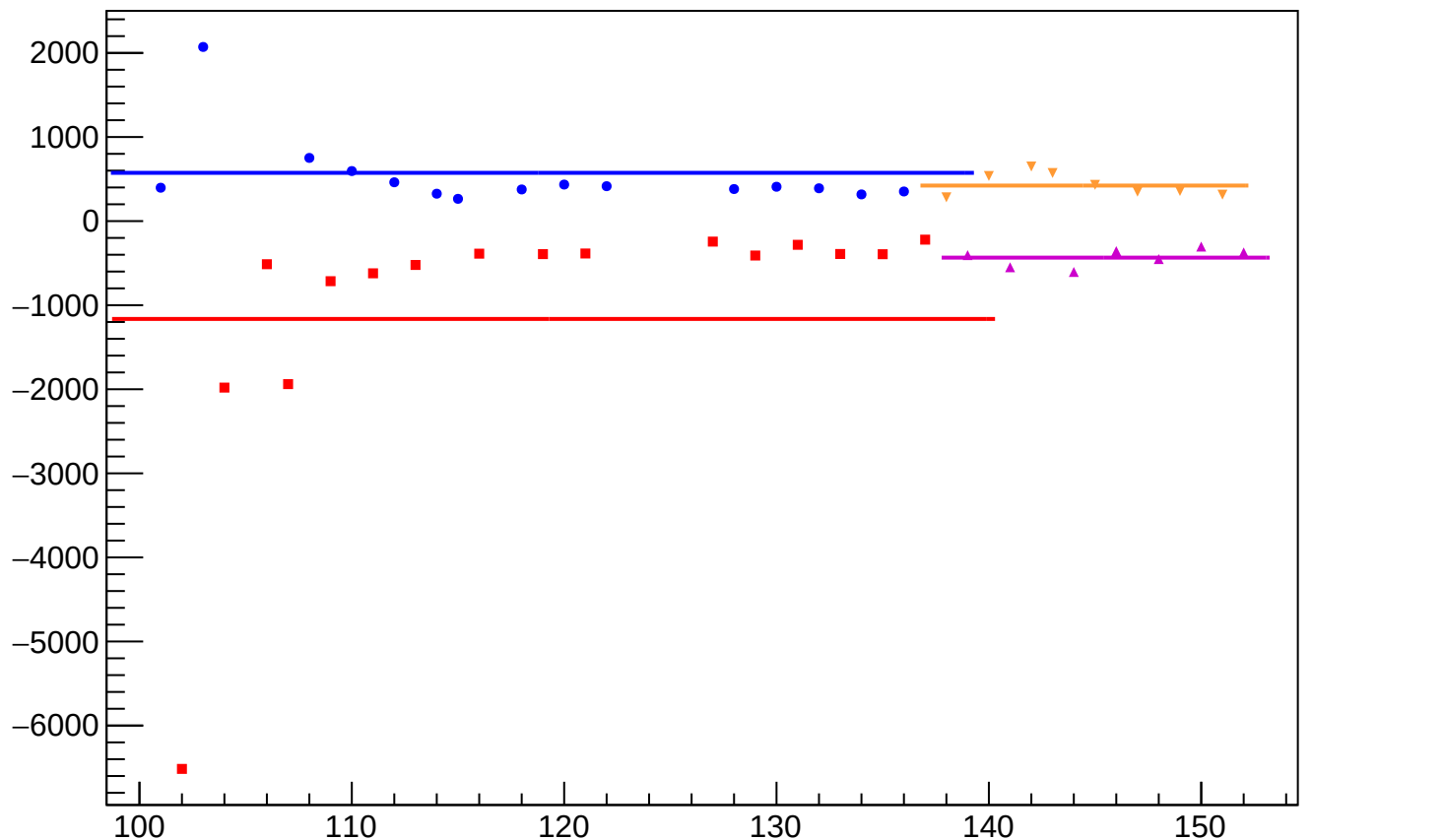
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024+/-0.000 χ^2/NDF : 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1265.633+/-0.000 χ^2/NDF : 20170795813646443419056058750572953600.0/6
 All: -21.238+/-0.000 χ^2/NDF : 335763547036

dit_atl1_coil4_mean vs Slug, Sign Corrected



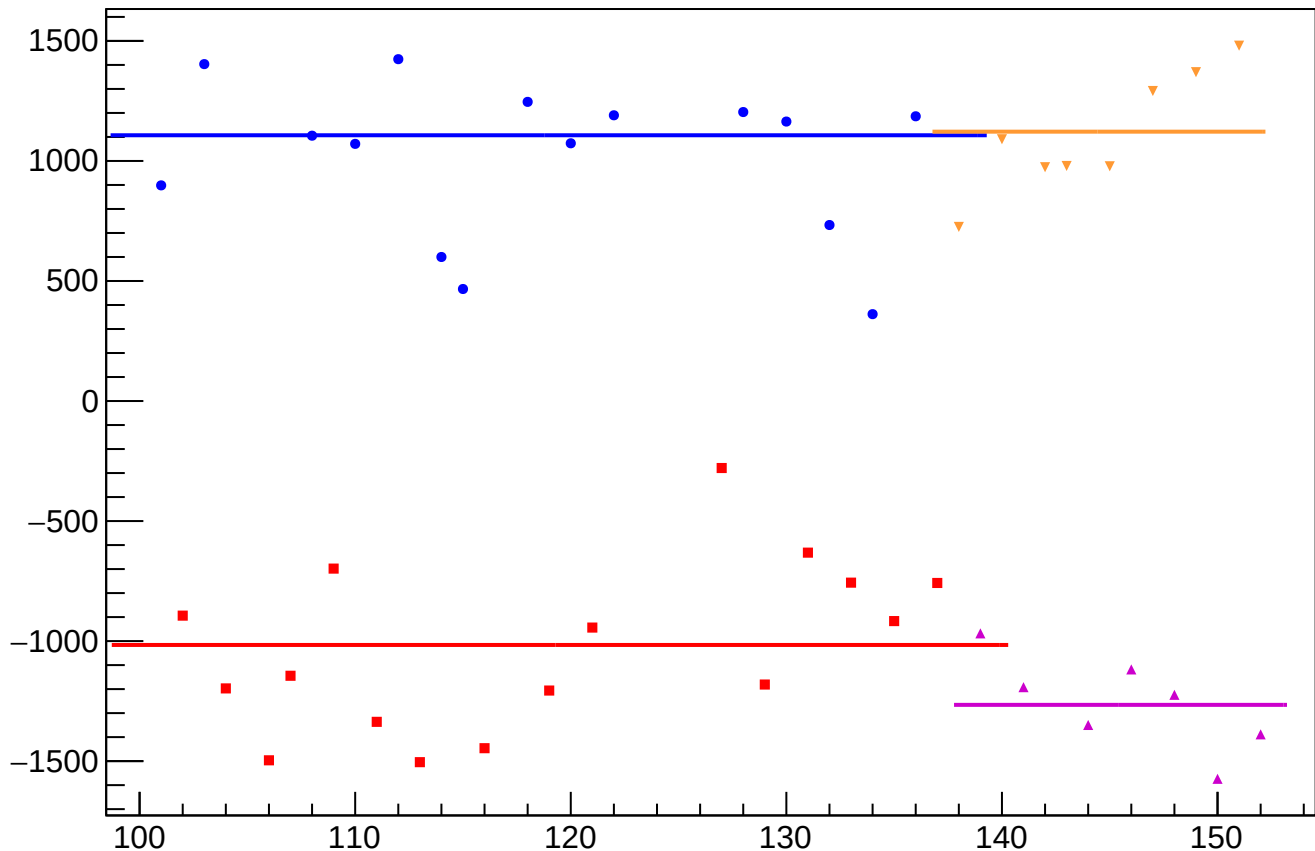
Left: 56.117 $\pm$ 0.000 χ^2 /NDF: 16639668531135093
 Right In: -3896.522 $\pm$ 0.000 χ^2 /NDF: 39618598516481020448248440670012984786944.0/14
 Right: -555.179 $\pm$ 0.000 χ^2 /NDF: 94737135323081
 Left Out: -97.077 $\pm$ 0.000 χ^2 /NDF: 810306463746375985443271326446156513280.0/7
 In: -1925.003 $\pm$ 0.000 χ^2 /NDF: 456957814440348
 Right Out: 2695.992 $\pm$ 0.000 χ^2 /NDF: 40822463071462352124212058386591729582080.0/15
 Out: 1381.476 $\pm$ 0.000 χ^2 /NDF: 440816819899859
 Left In: 207.524 $\pm$ 0.000 χ^2 /NDF: 825989149750309477810360651995653603328.0/6
 All: -264.515 $\pm$ 0.000 χ^2 /NDF: 96634932053

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



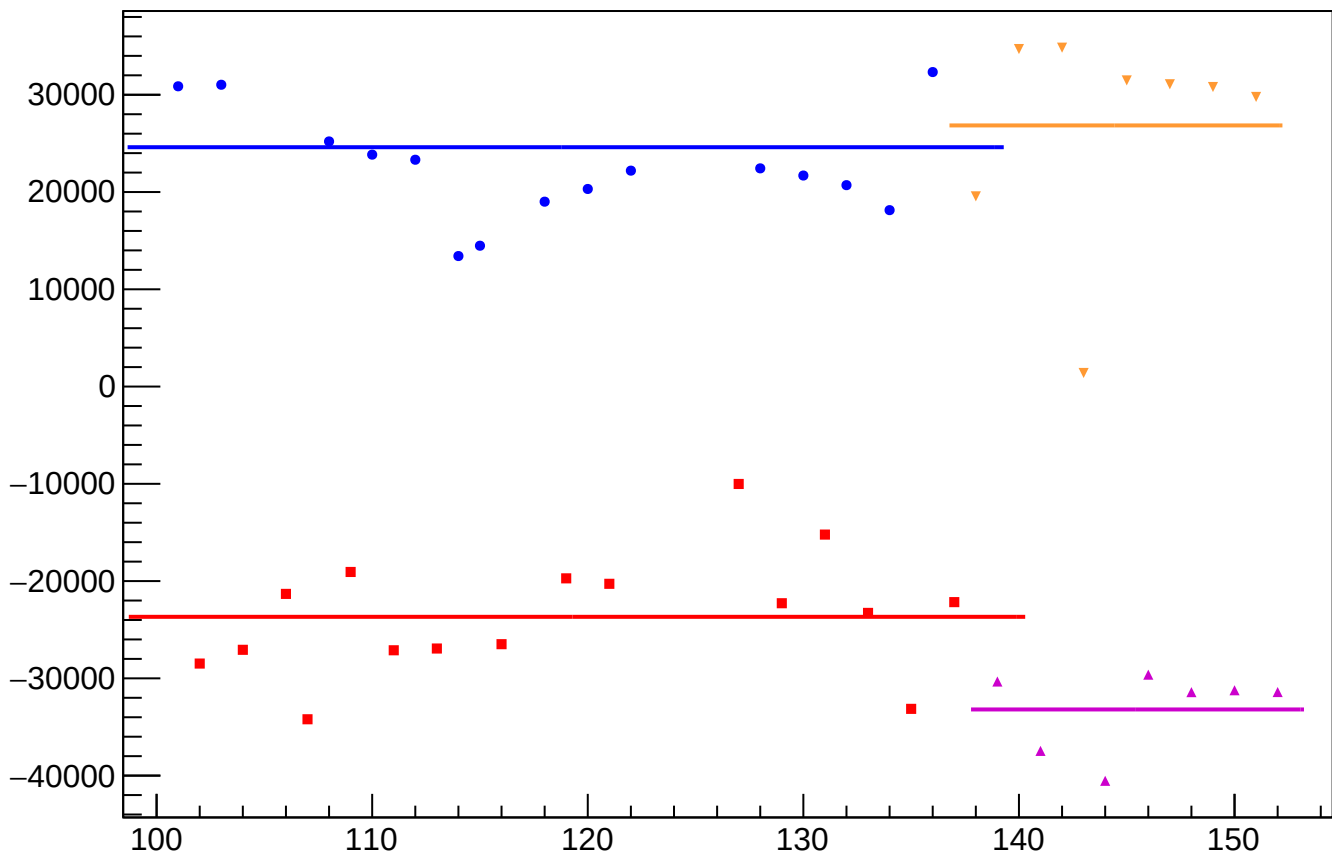
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 422.785+/-0.000 χ^2/NDF : 8112090288744296848490214788358471680.0/7
 Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: -434.586+/-0.000 χ^2/NDF : 6205772859922282170141807022341881856.0/6
 All: -164.872+/-0.000 χ^2/NDF : 34378481840

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



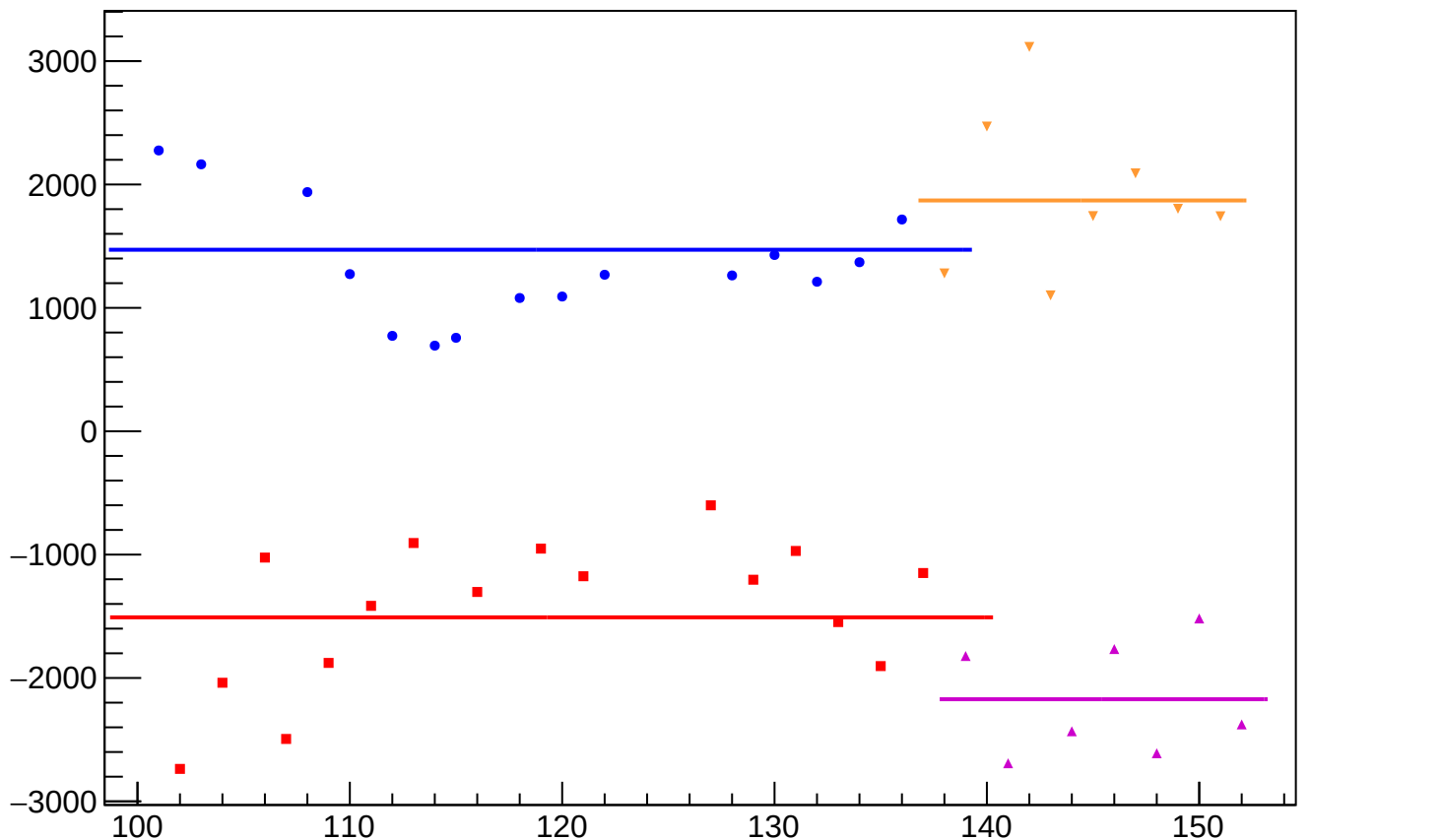
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_atl2_coil4_mean vs Slug, Sign Corrected



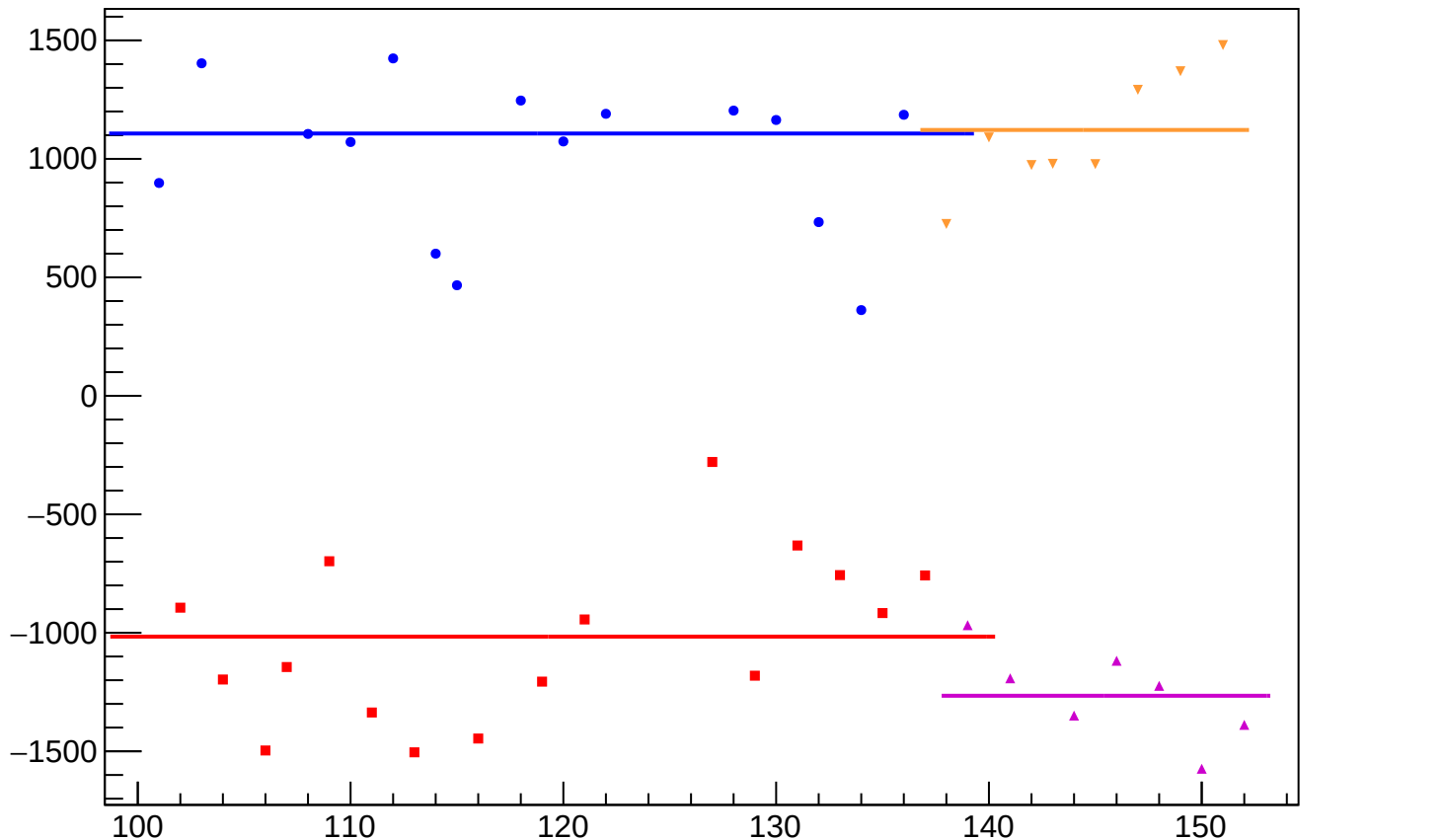
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 26848.548+/-0.000 χ^2/NDF : 60650755042967421435879062577073696538624.0/7
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -33198.909+/-0.000 χ^2/NDF : 8962048153288768508637518986987998019584.0/6
 All: -1521.557+/-0.000 χ^2/NDF : 1961797590

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



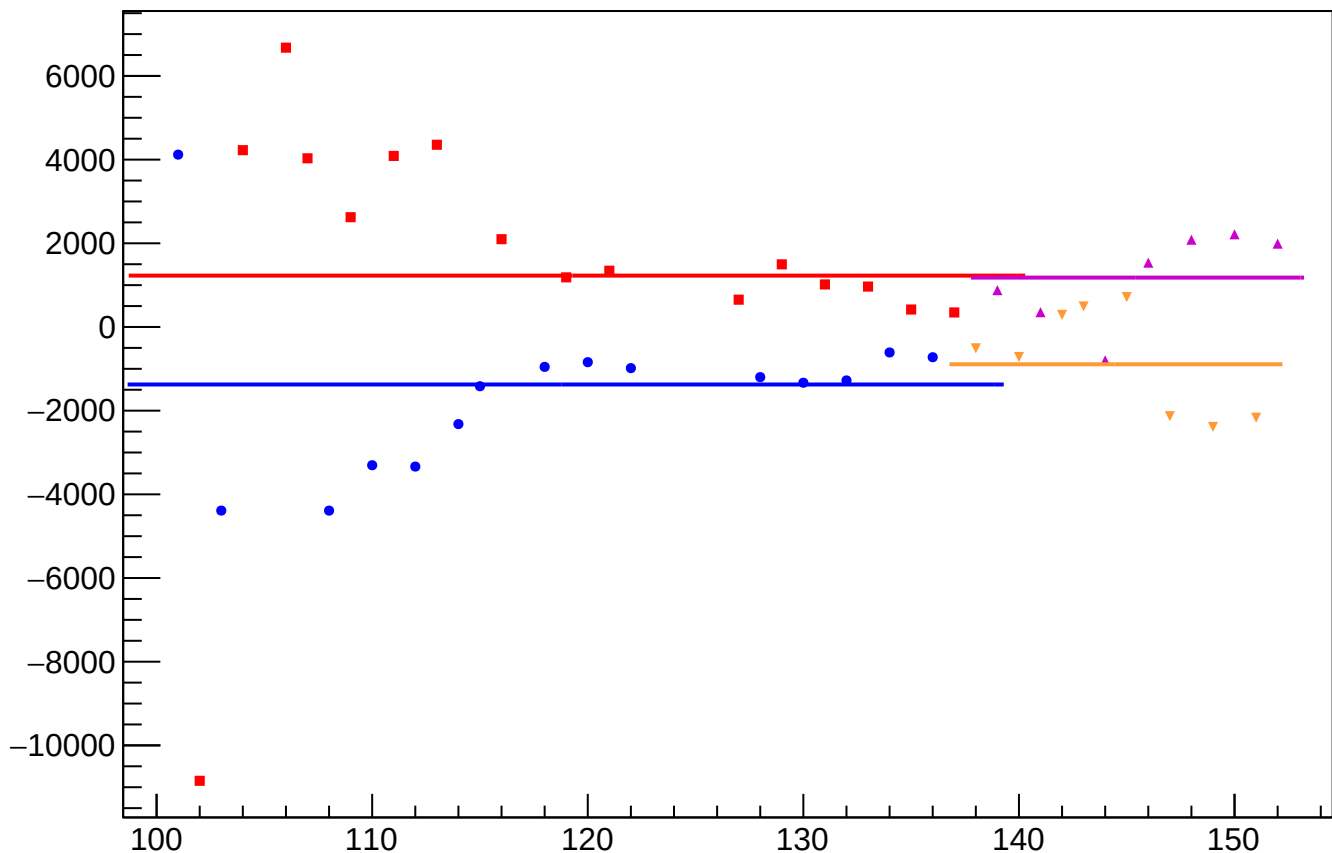
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1870.508+/-0.000 χ^2/NDF : 174277429254402939592678849409980563456.0/7
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2172.283+/-0.000 χ^2/NDF : 111305671494696125437339637253748555776.0/6
 All: -97.870+/-0.000 χ^2/NDF : 847910850910

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 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: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1374.510+/-0.000

Left Out: -891.454+/-0.000

Right Out: 1227.879+/-0.000

Left In: 1180.345+/-0.000

χ^2/NDF : 3072775774026573120755024580495322120192.0/14

χ^2/NDF : 848789247588712893998731284932177428480.0/7

χ^2/NDF : 11115312999926623396466450218448622452736.0/15

χ^2/NDF : 647744705045989553316742834975408128000.0/6

Left: 150.524+/-0.000 χ^2/NDF : 2776682729237931

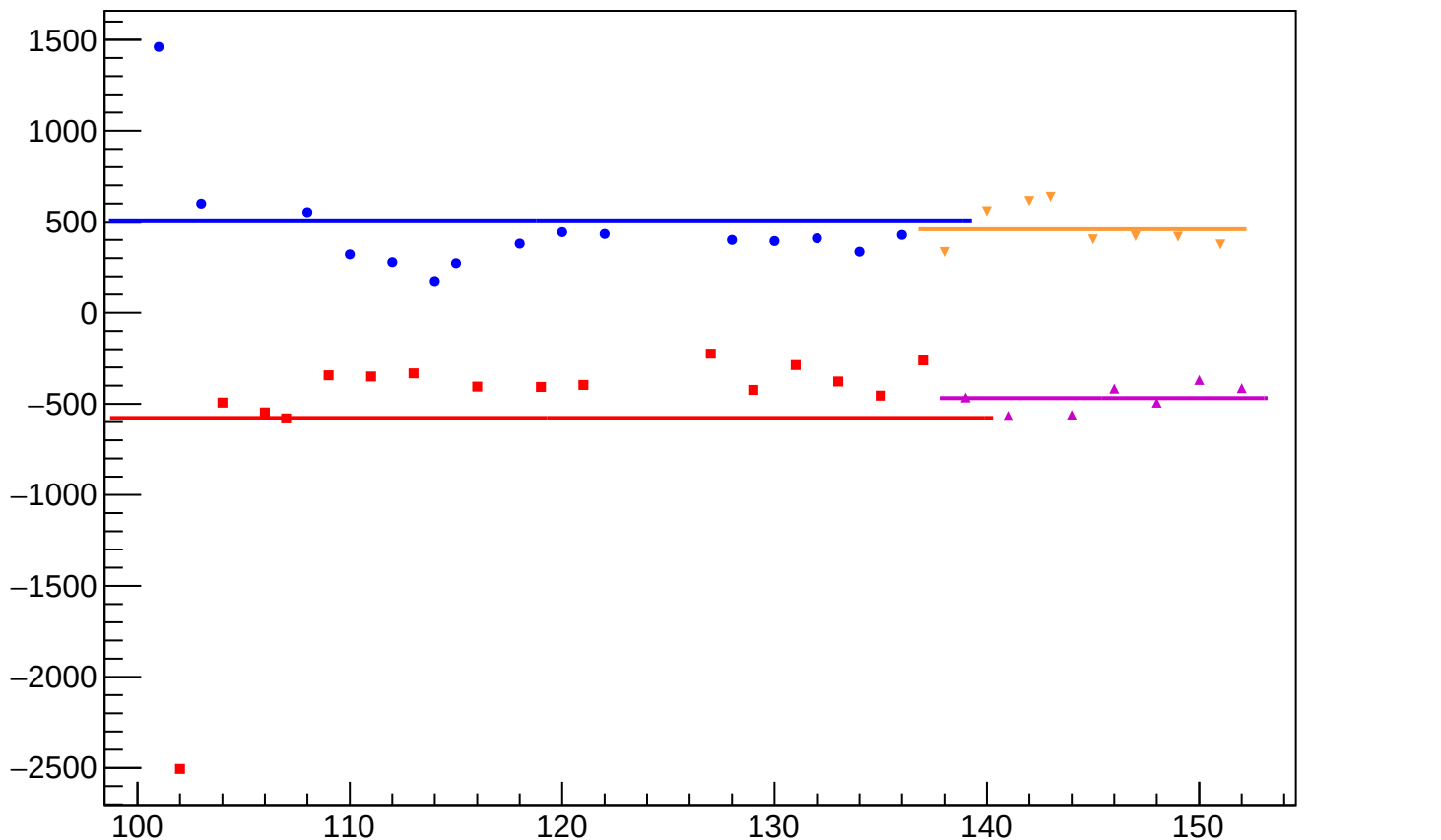
Right: -55.518+/-0.000 χ^2/NDF : 164158010761557

In: -147.198+/-0.000 χ^2/NDF : 5755527452259449

Out: 230.447+/-0.000 χ^2/NDF : 1337406708749879

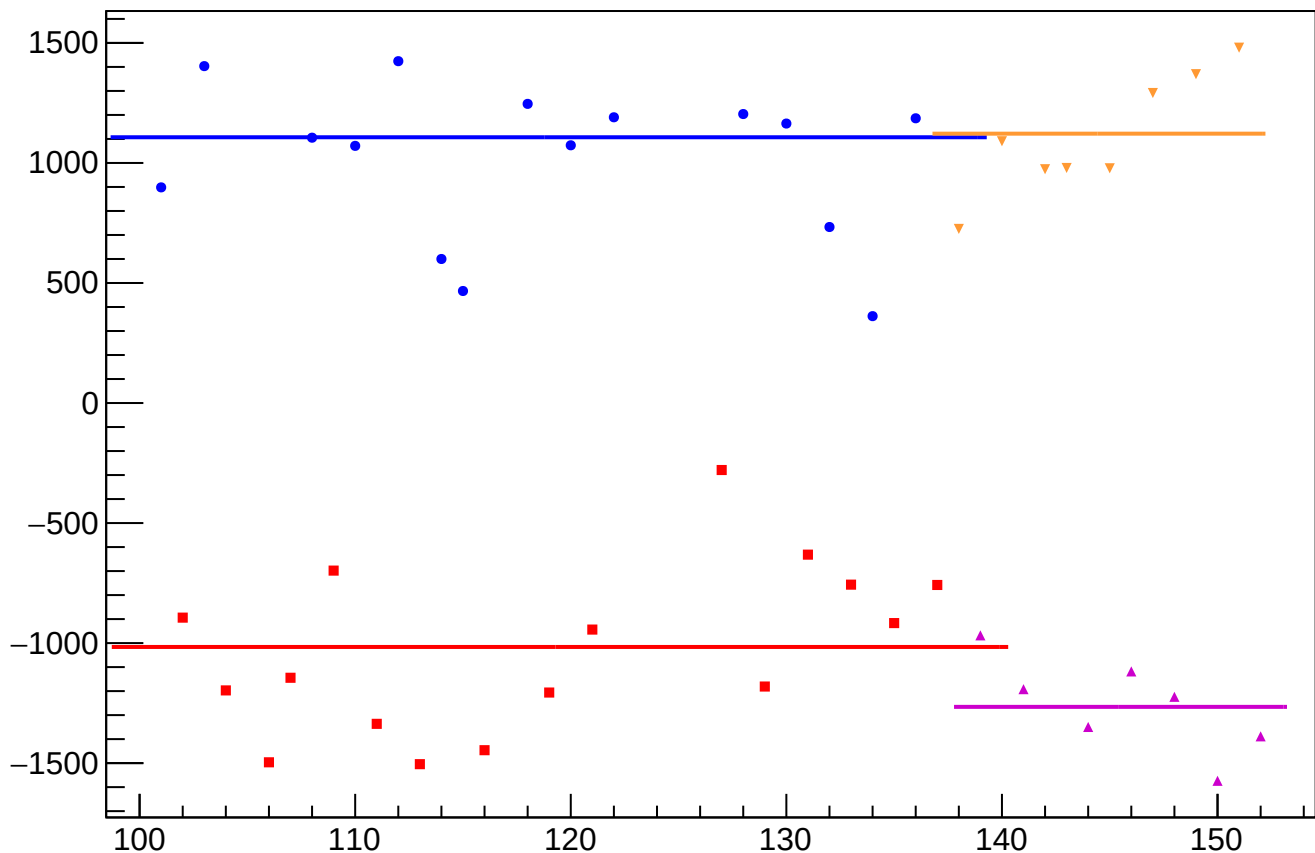
All: 42.453+/-0.000 χ^2/NDF : 1921904855448

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



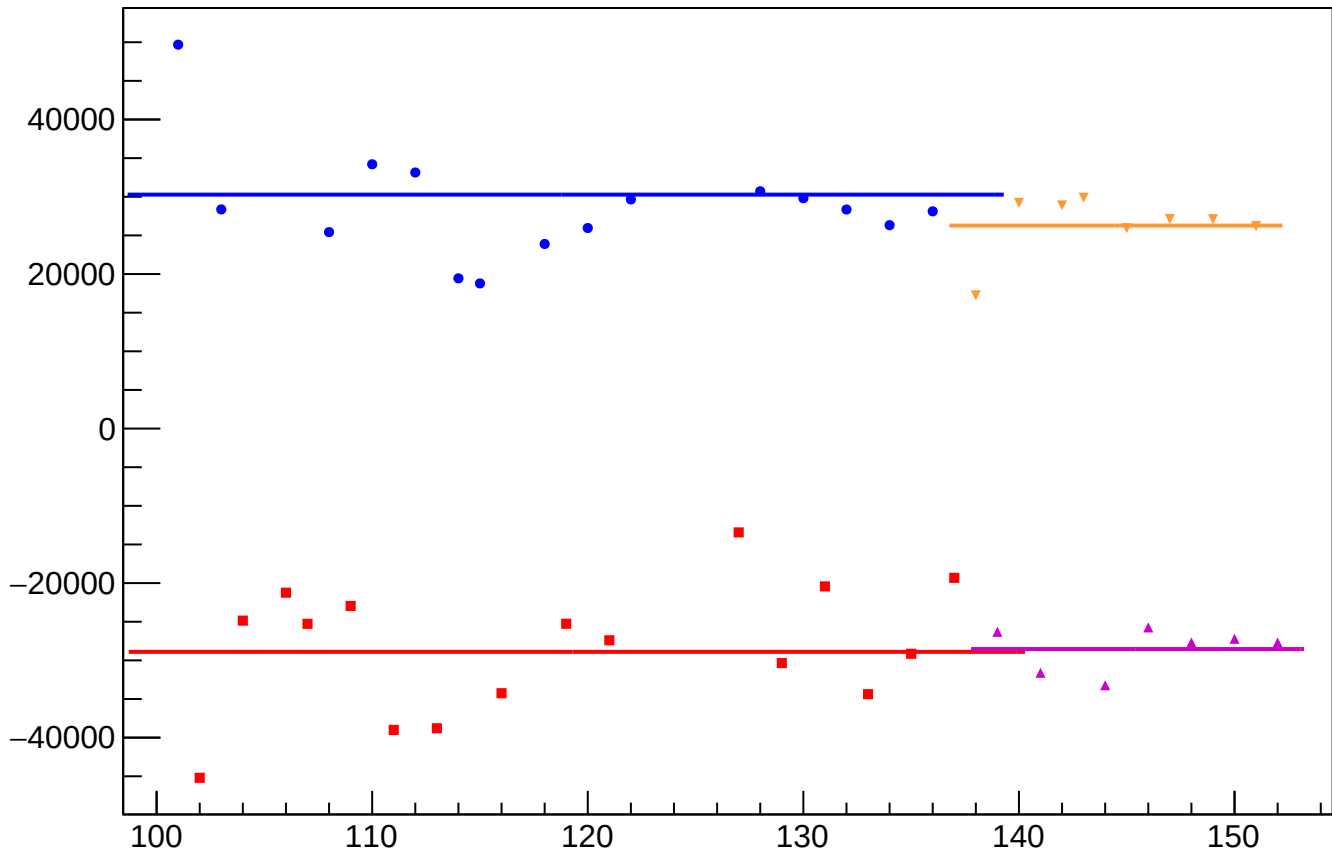
Right In: 507.809 $\pm$ 0.000 χ^2 /NDF: 64139927968444054596859613468220719104.0/14
 Left Out: 458.851 $\pm$ 0.000 χ^2 /NDF: 6305227607269503864491846484709343232.0/7
 Right Out: -577.250 $\pm$ 0.000 χ^2 /NDF: 241288780642623391683958641535574081536.0/15
 Left In: -468.581 $\pm$ 0.000 χ^2 /NDF: 2999255722463028646304882458298941440.0/6
 All: -25.711 $\pm$ 0.000 χ^2 /NDF: 959282376902

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 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: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000

χ^2/NDF : 30975974641524142453090022540760519278592.0/14

Left Out: 26272.958+/-0.000

χ^2/NDF : 8376391899972440920492149571582792040448.0/7

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: -1290.144+/-0.000

χ^2/NDF : 90824853974656

Right: 285.980+/-0.000

χ^2/NDF : 122974265906167

In: 2026.572+/-0.000

χ^2/NDF : 1113336750434647

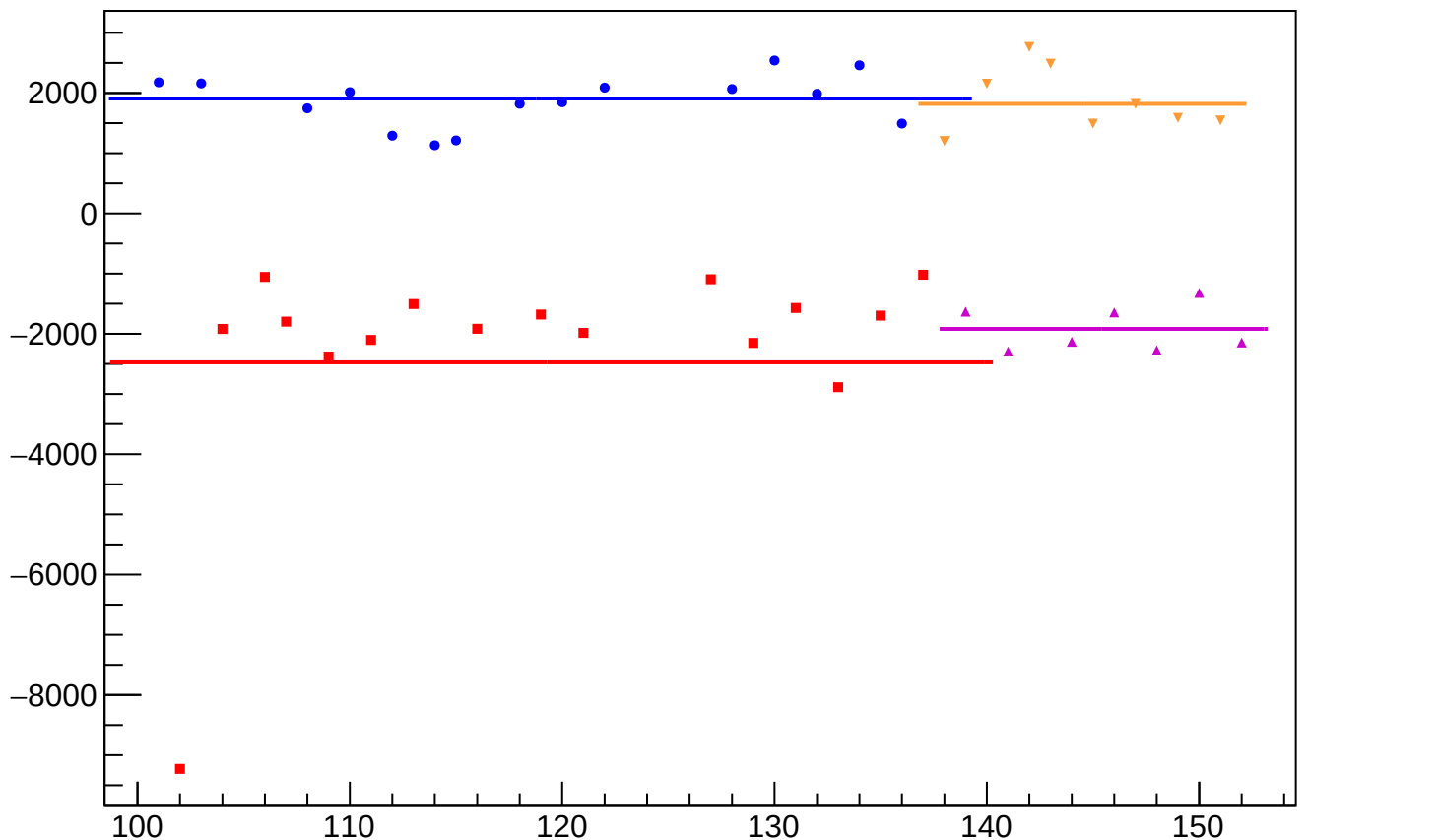
Out: -2931.730+/-0.000

χ^2/NDF : 10107884065204

All: -463.448+/-0.000

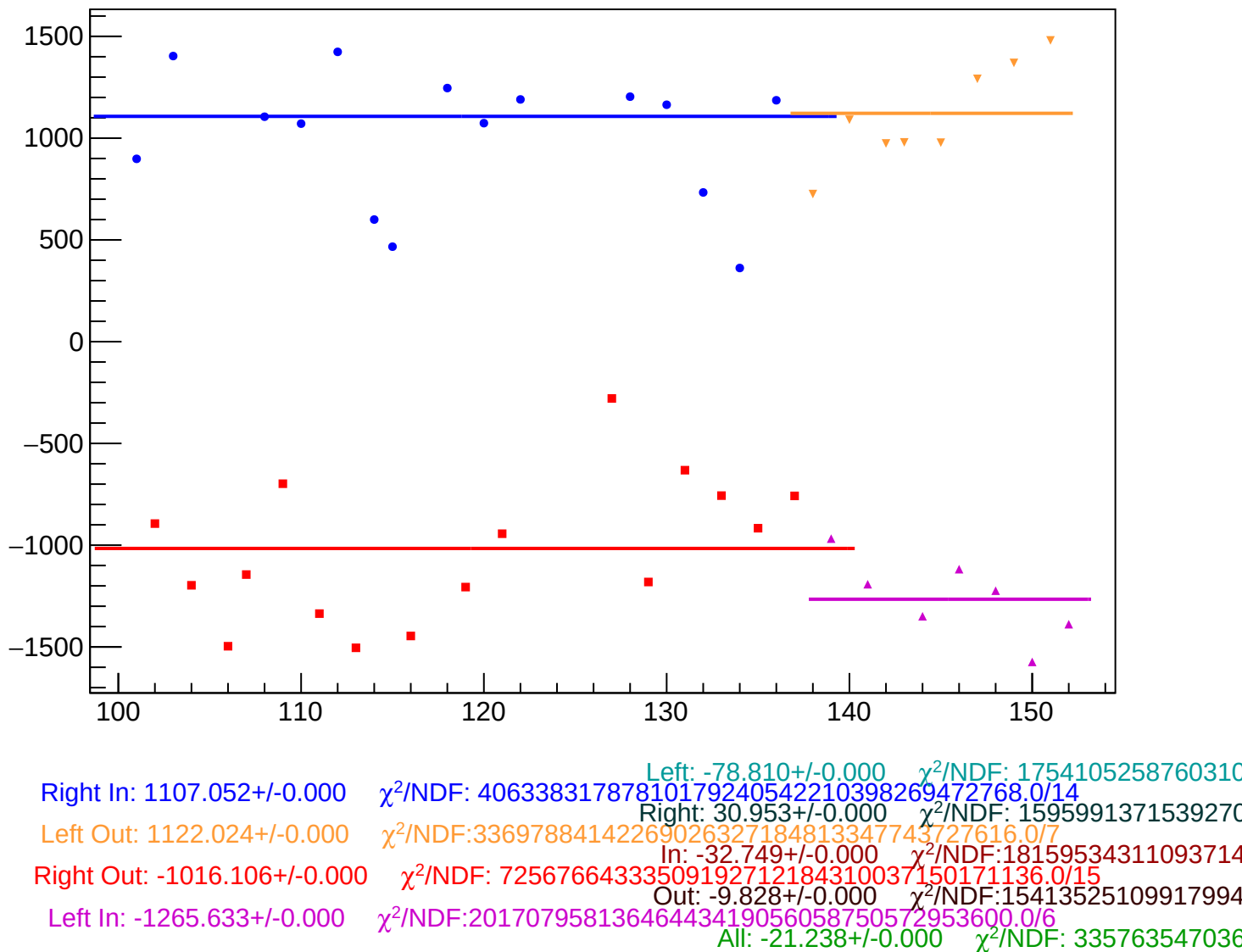
χ^2/NDF : 21395456480

dit_atr2_coil4_err_mean vs Slug, Sign Corrected

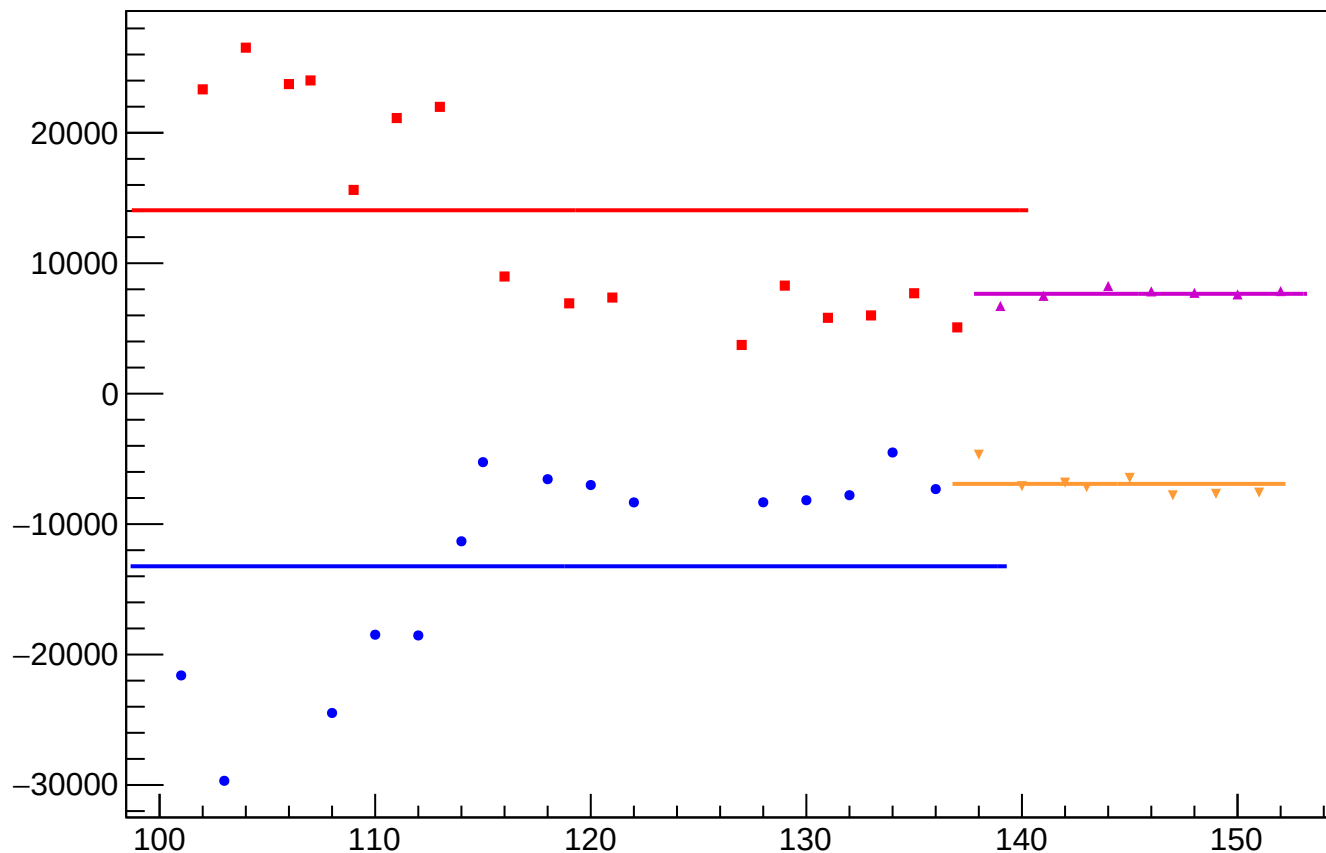


Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 1819.919+/-0.000 χ^2/NDF : 128932224616314457911208165104116826112.0/7
 Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: -1918.191+/-0.000 χ^2/NDF : 76478694096265724312866795775049334784.0/6
 All: -192.357+/-0.000 χ^2/NDF : 13854503220

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected

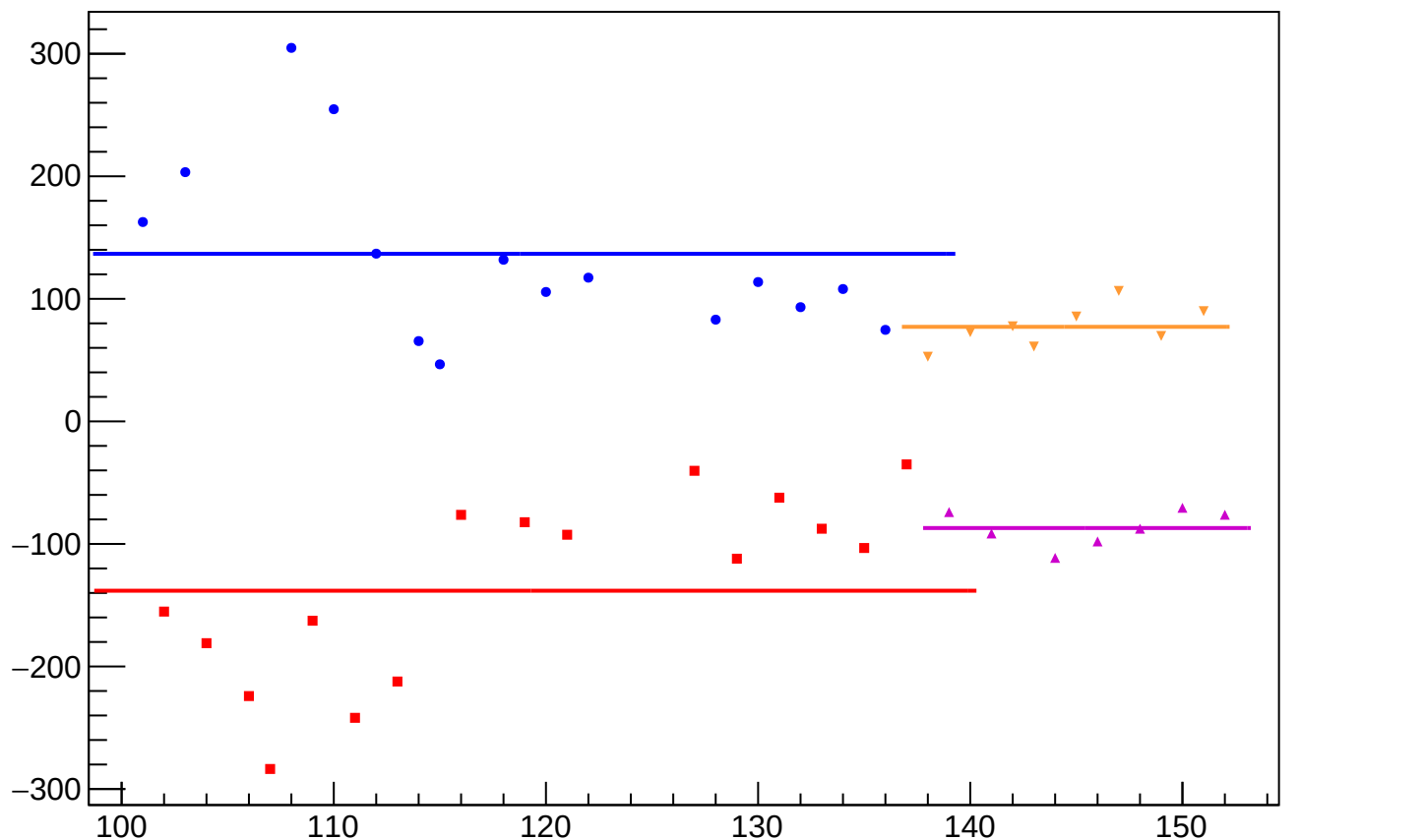


dit_sam1_coil4_mean vs Slug, Sign Corrected



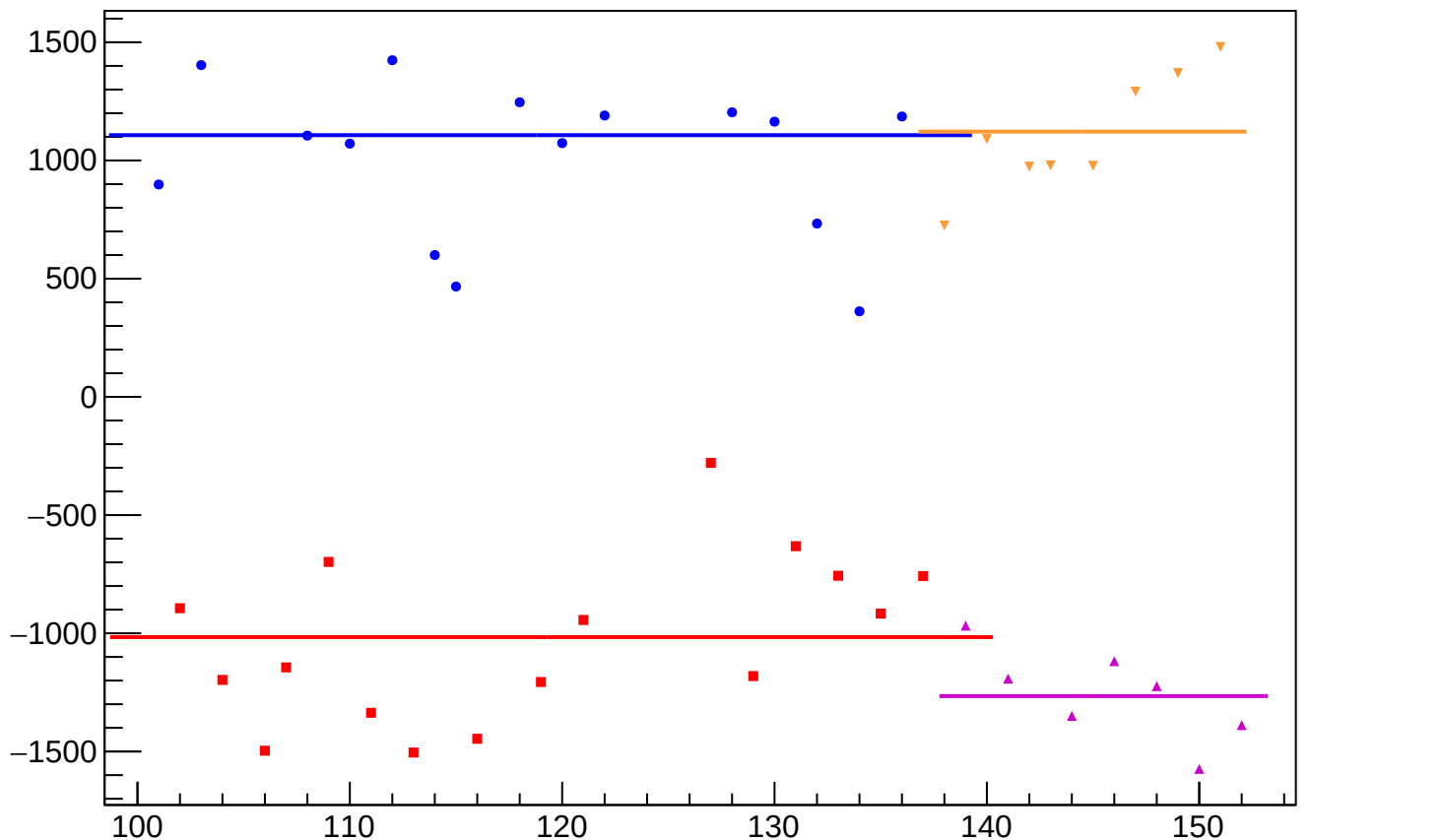
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6916.413+/-0.000 χ^2/NDF : 558512003329622322447333300640310886400.0/7
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7655.135+/-0.000 χ^2/NDF : 111804031616604879066990920954221166592.0/6
 All: 510.674+/-0.000 χ^2/NDF : 394802560982

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



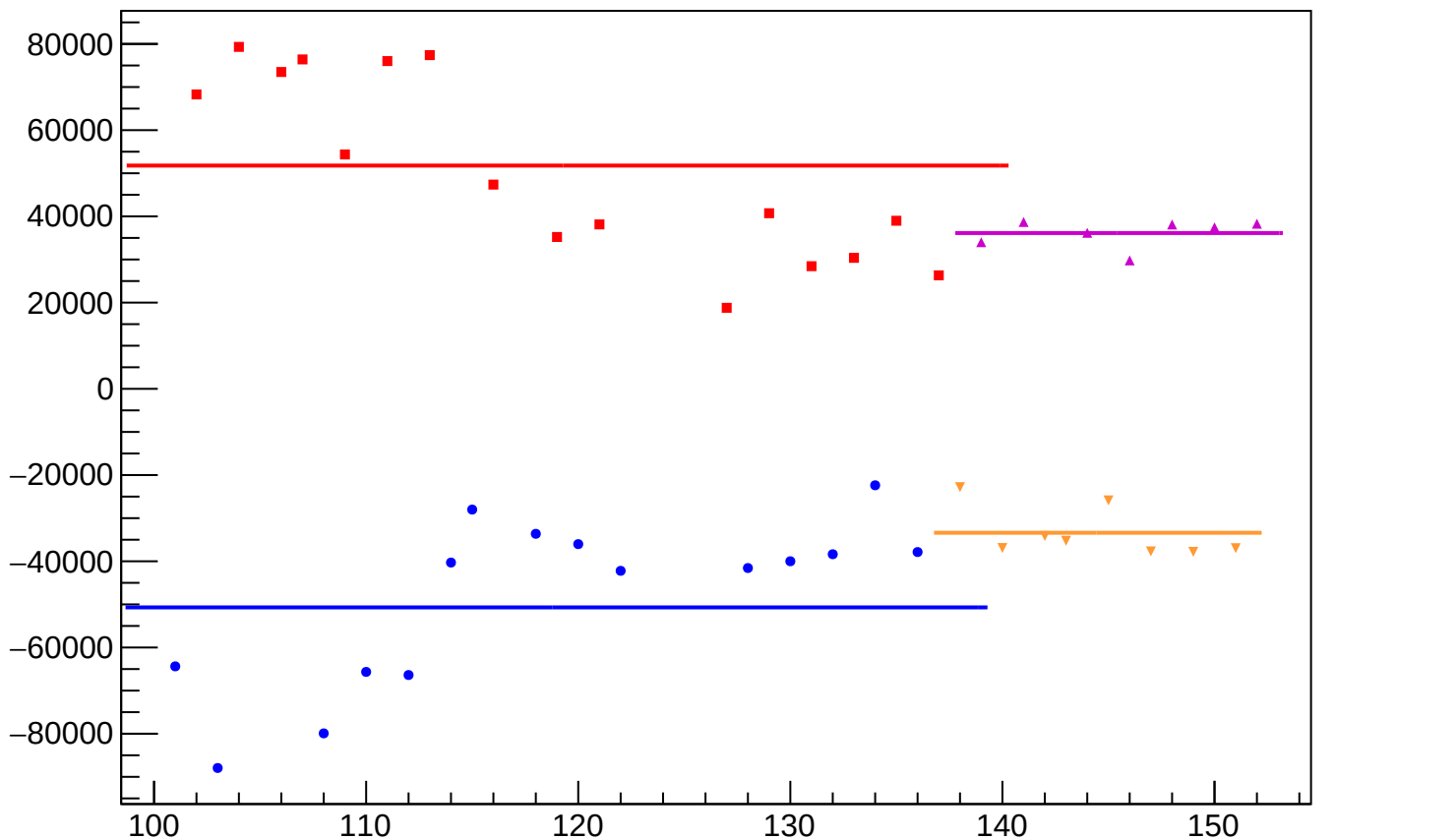
Left: -5.415+/-0.000 χ^2/NDF : 83074406801453816
 Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Right: -2.614+/-0.000 χ^2/NDF : 3077400704218916
 Left Out: 77.156+/-0.000 χ^2/NDF : 155340591458327215070033901726466048.0/7
 In: 29.233+/-0.000 χ^2/NDF : 184063024453642451
 Right Out: -138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Out: -36.835+/-0.000 χ^2/NDF : 1794218875017632
 Left In: -87.022+/-0.000 χ^2/NDF : 11318539589109730028232611195224064.0/6
 All: -3.946+/-0.000 χ^2/NDF : 3908635504118

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 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: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

Left Out: -33385.023+/-0.000

χ^2/NDF : 18668847876184564715723310340743299596288.0/7

Right Out: 51783.912+/-0.000

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

Left In: 36133.560+/-0.000

χ^2/NDF : 5163249107686454516651901877009598382080.0/6

Left: 1578.221+/-0.000 χ^2/NDF : 146517505660291

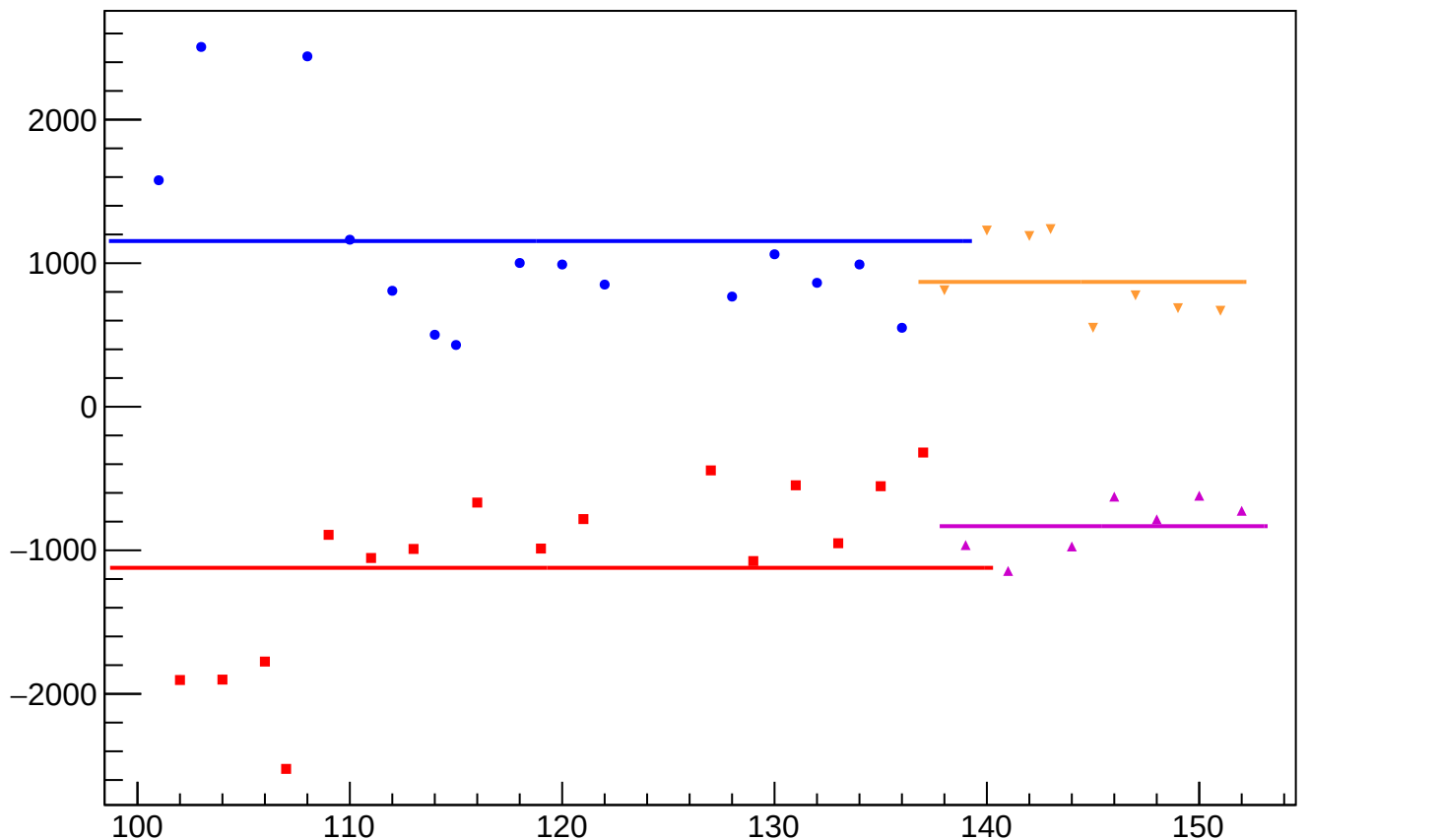
Right: 1245.090+/-0.000 χ^2/NDF : 39629195371379

In: -8984.143+/-0.000 χ^2/NDF : 258229143693688

Out: 11700.437+/-0.000 χ^2/NDF : 25775076955241

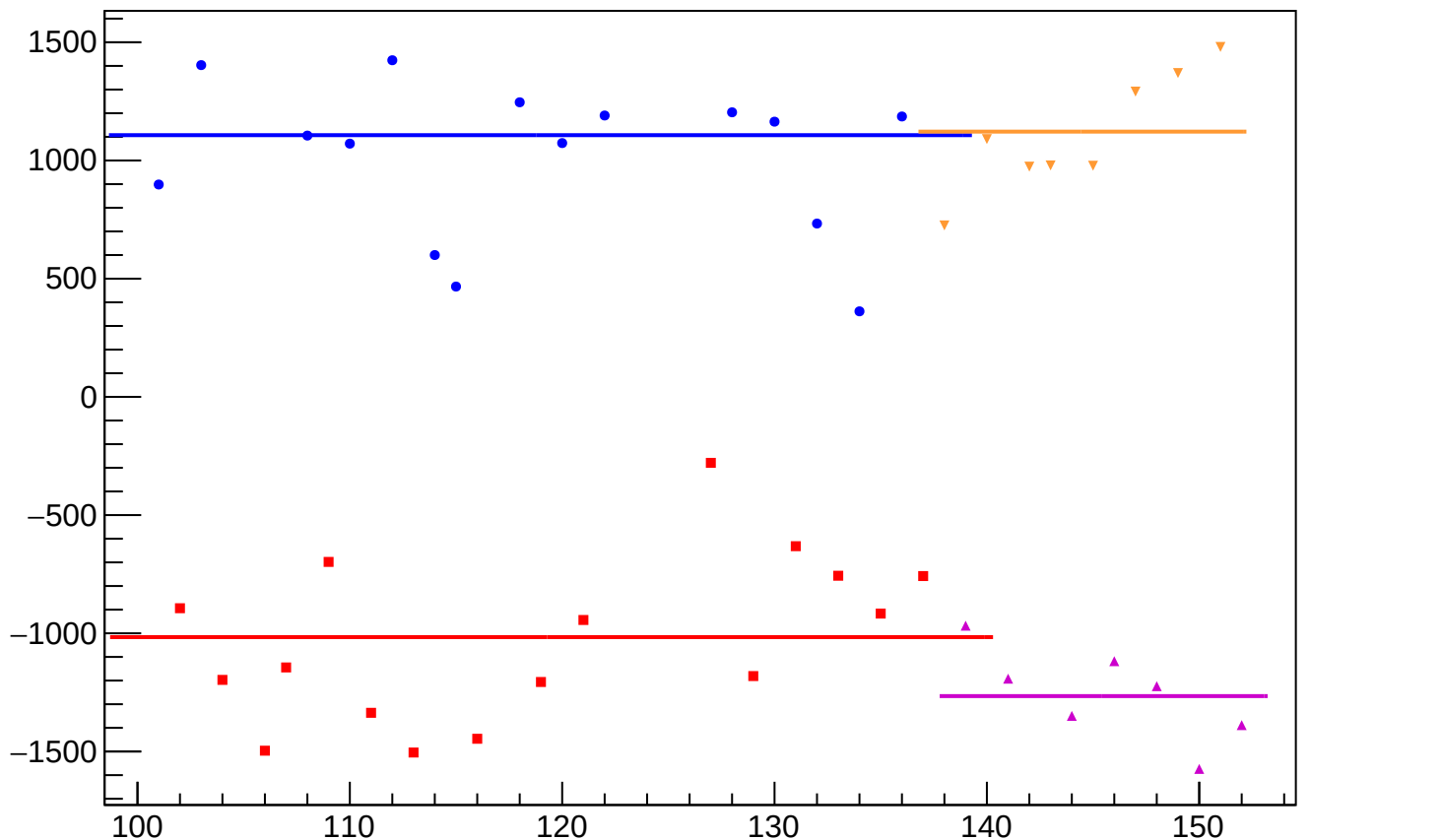
All: 1403.490+/-0.000 χ^2/NDF : 54281640360

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



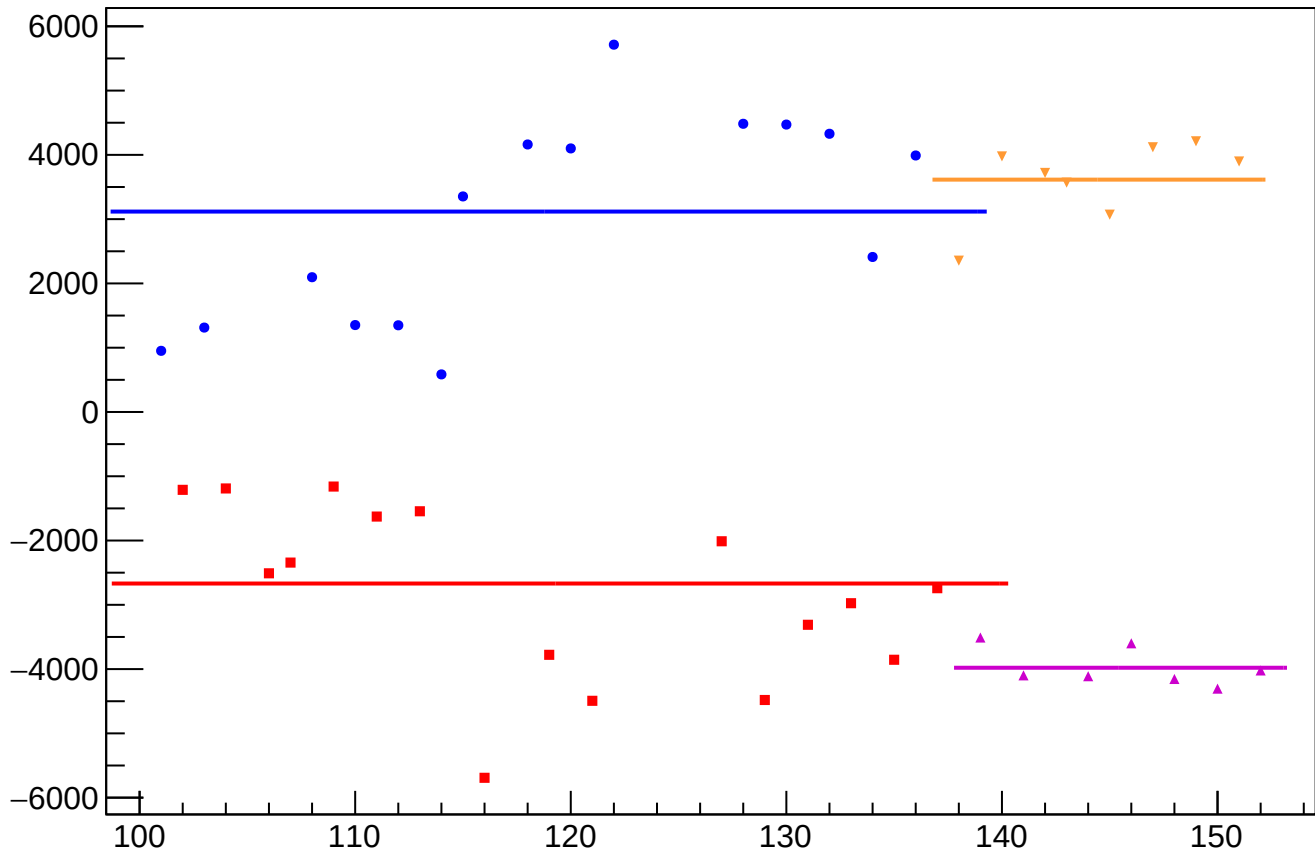
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 869.662+/-0.000 χ^2/NDF : 39413202860389015244332042697123561472.0/7
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: -831.854+/-0.000 χ^2/NDF : 20255392862358062120504818298133676032.0/6
 All: 6.946+/-0.000 χ^2/NDF : 31030152710377

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



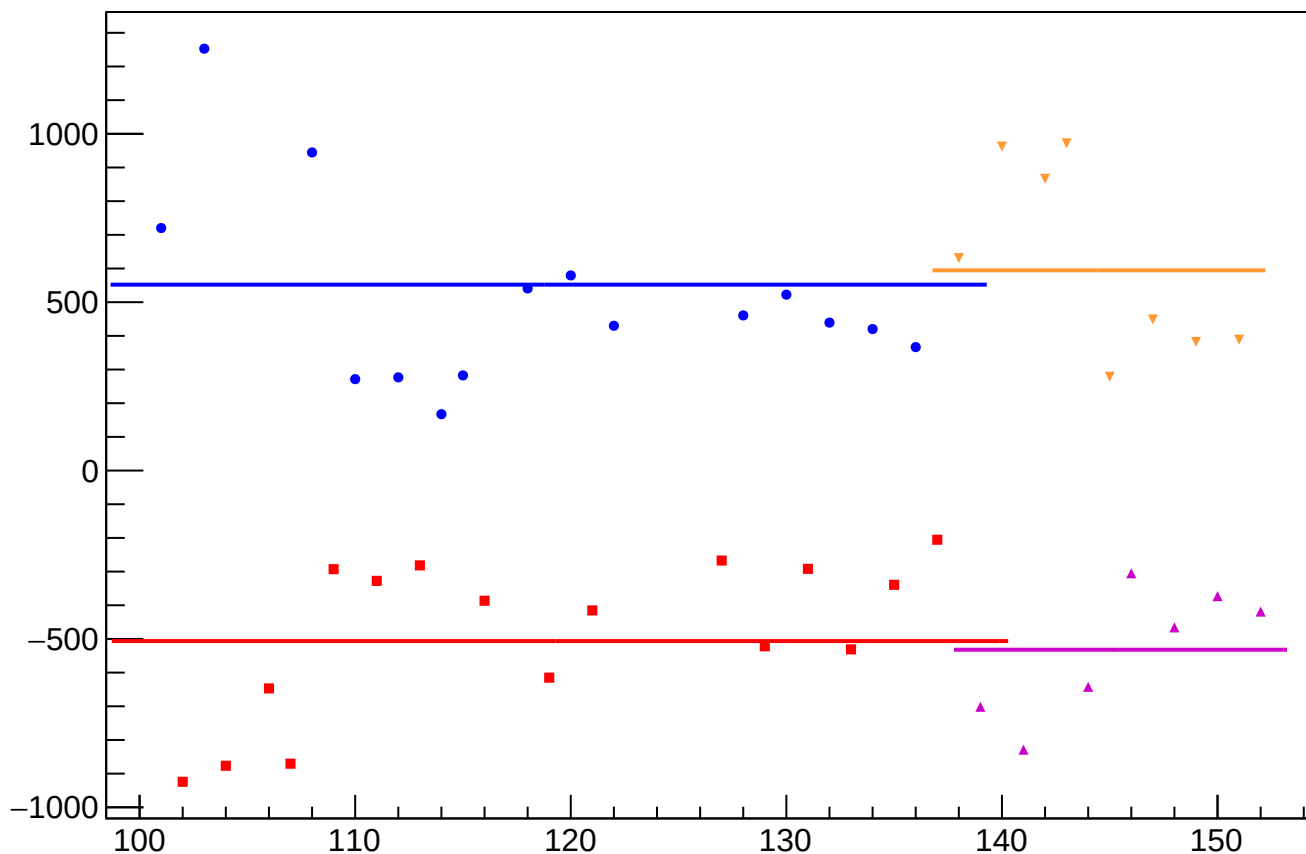
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914 ± 0.000 $\chi^2/\text{NDF}: 1552738593335565674554918493159210090496.0/14$
 Left Out: 3614.732 ± 0.000 $\chi^2/\text{NDF}: 215110685578821773647119197335424335872.0/7$
 Right Out: -2668.794 ± 0.000 $\chi^2/\text{NDF}: 1136406286131098596000054422131257114624.0/15$
 Left In: -3979.089 ± 0.000 $\chi^2/\text{NDF}: 44972202994373423741073686807139319808.0/6$
 All: -0.190 ± 0.000 $\chi^2/\text{NDF}: 3125728723577$

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

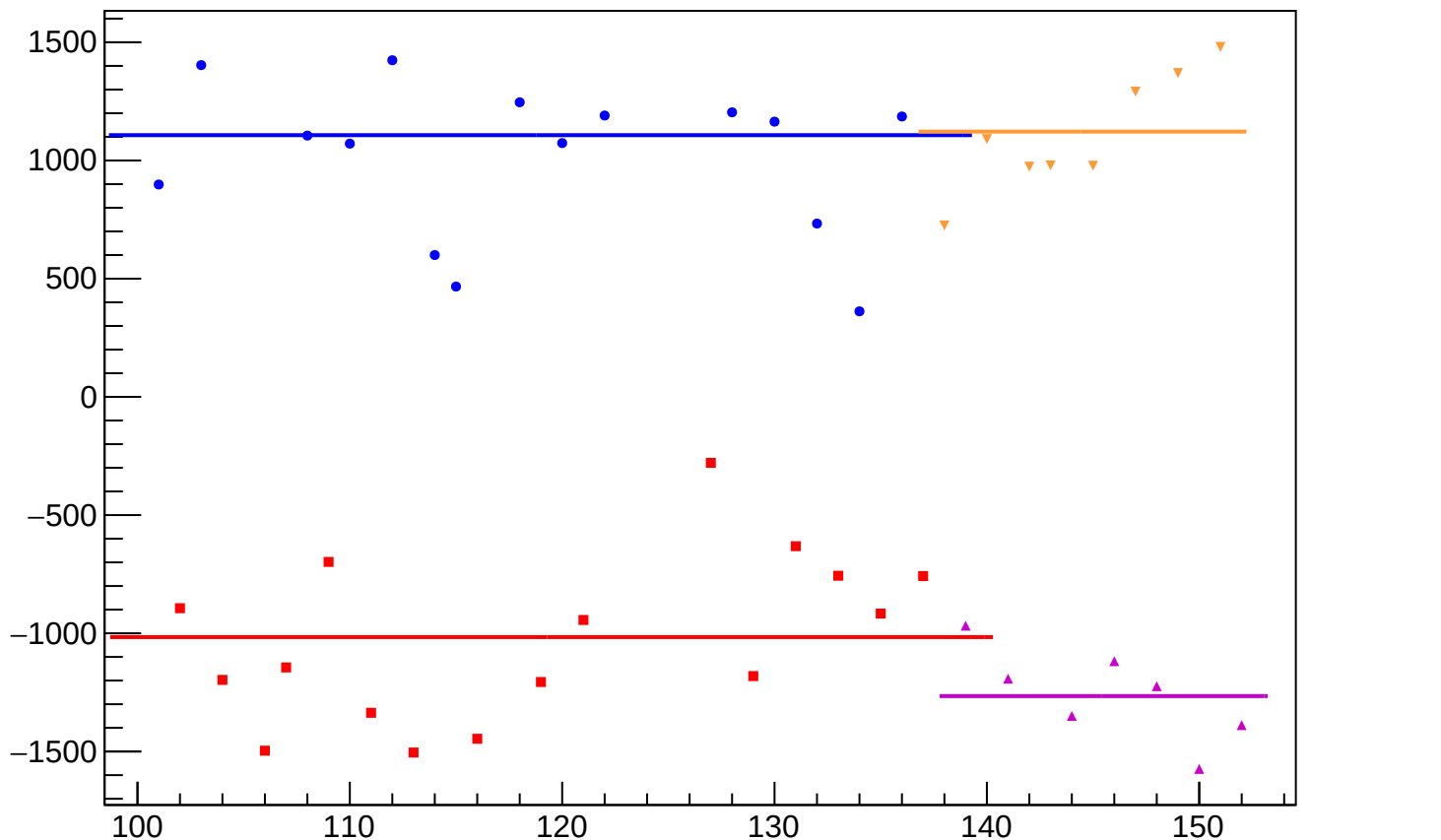
Left Out: 594.706+/-0.000 χ^2/NDF : 40911119061680769013758408821521252352.0/7

Right Out: -506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: -532.029+/-0.000 χ^2/NDF : 18956423511323354785097574582652502016.0/6

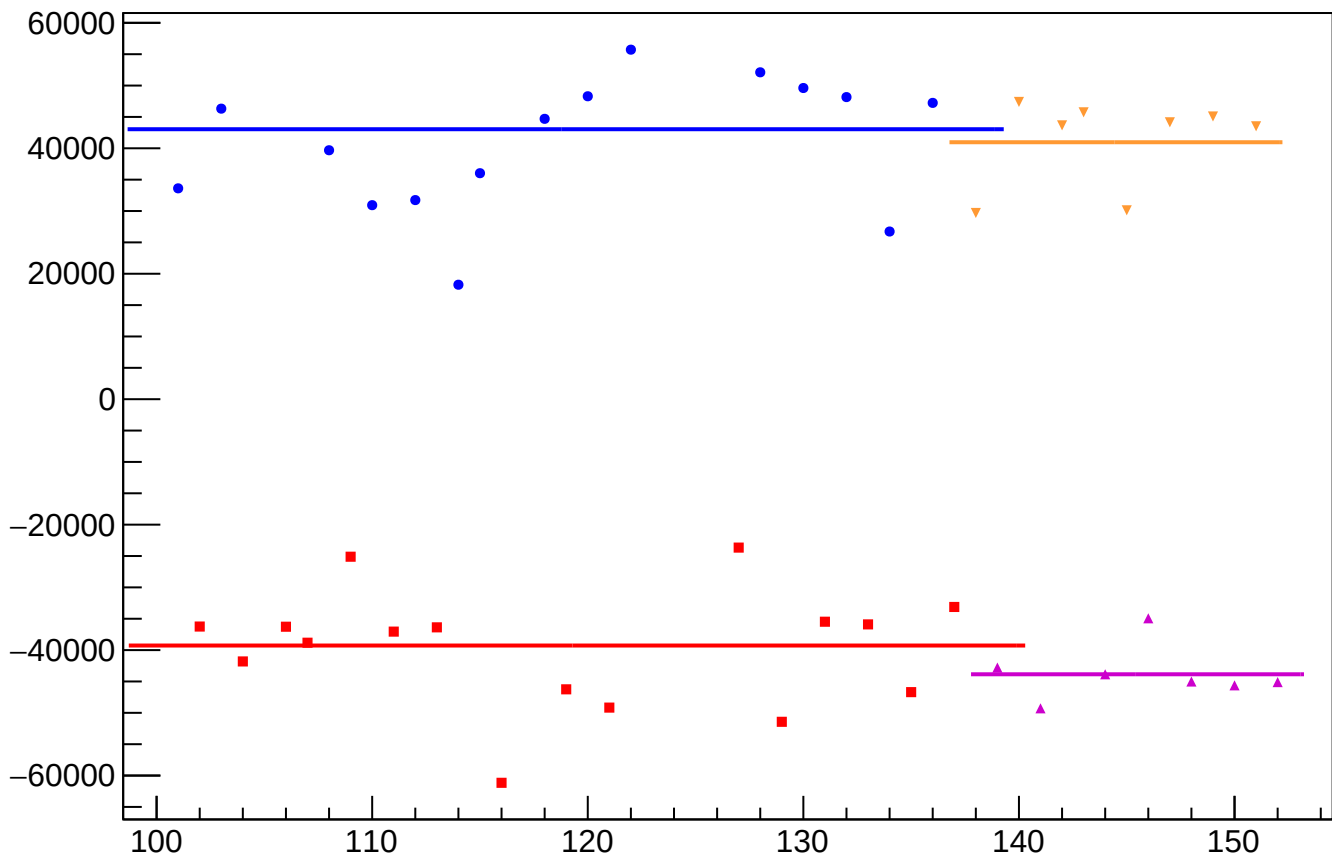
All: 21.534+/-0.000 χ^2/NDF : 8950267654581

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 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: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000

χ^2/NDF : 48397052922561722652666786407552179503104.0/14

Left Out: 40964.874+/-0.000

χ^2/NDF : 27406116922719391398132199836970987290624.0/7

Right Out: -39269.627+/-0.000

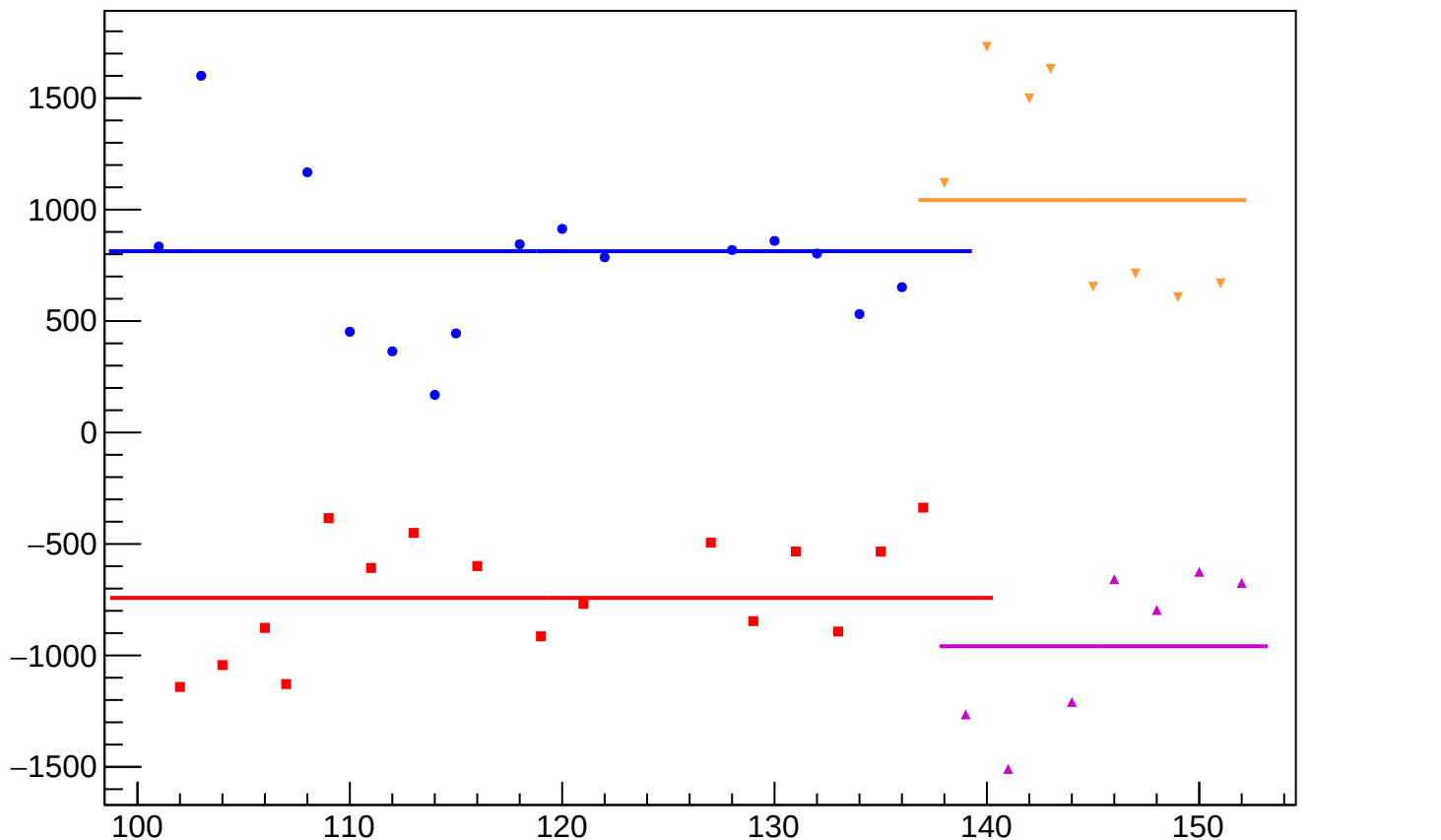
χ^2/NDF : 51873036517757666237545716605051585167360.0/15

Left In: -43853.165+/-0.000

χ^2/NDF : 9738467193820754264716514095381941846016.0/6

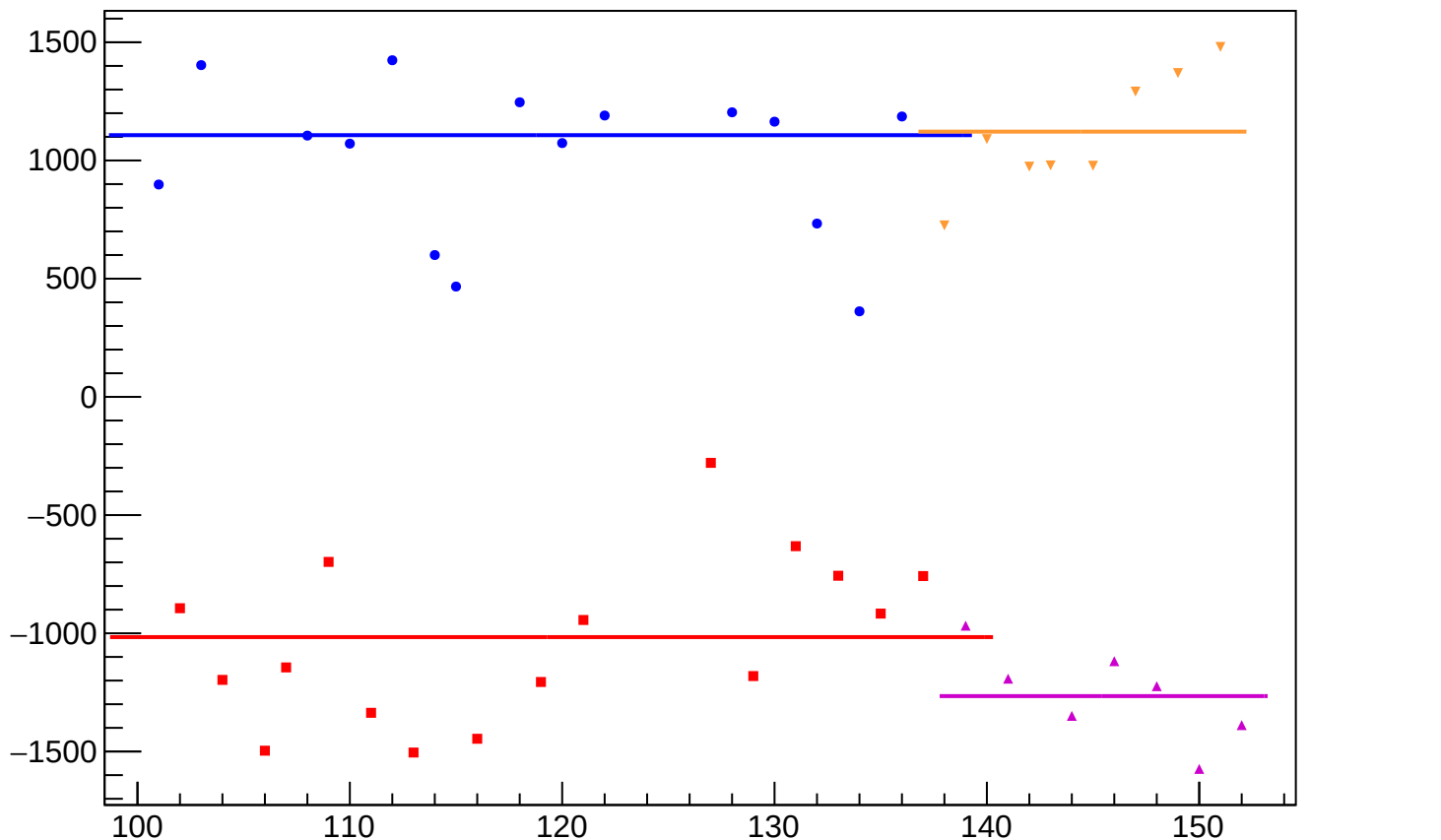
All: -111.461+/-0.000 χ^2/NDF : 45171828848

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



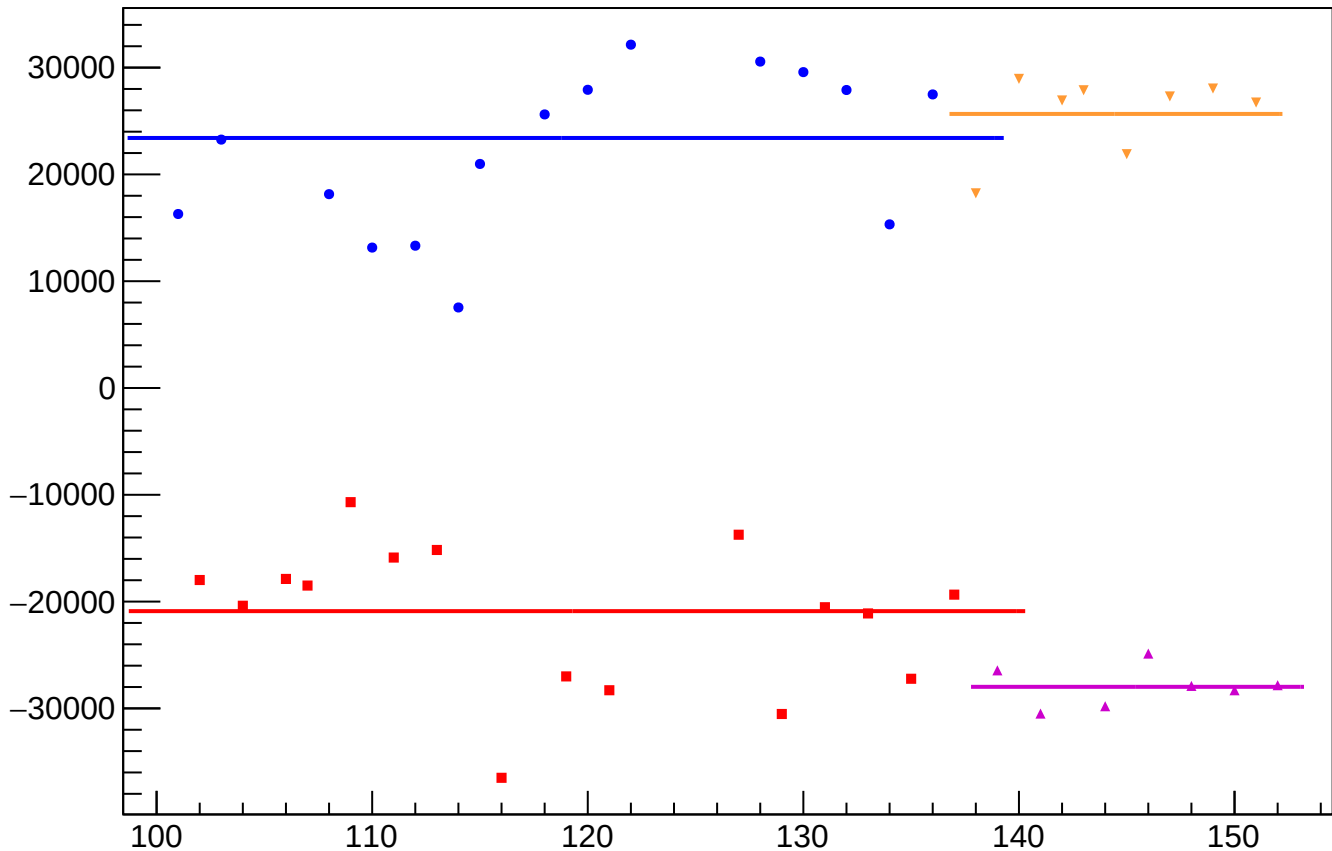
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14
 Left Out: 1042.956 $\pm$ 0.000 χ^2 /NDF: 119313041591058975735593007264982630400.0/7
 Right Out: -741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15
 Left In: -958.858 $\pm$ 0.000 χ^2 /NDF: 65778139407123058278729765030796984320.0/6
 All: 30.397 $\pm$ 0.000 χ^2 /NDF: 2287289268352

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 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: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000

χ^2/NDF : 28427457471

Left: -1316.719+/-0.000 χ^2/NDF : 86756645691657

Right: 955.690+/-0.000 χ^2/NDF : 701538889846229

Left Out: 25662.217+/-0.000

χ^2/NDF : 7520082180573570354469920075641104891904.0/7

In: -1276.600+/-0.000 χ^2/NDF : 853702920907886

Right Out: -20894.122+/-0.000

χ^2/NDF : 27408965804578649107002909409987218374656.0/15

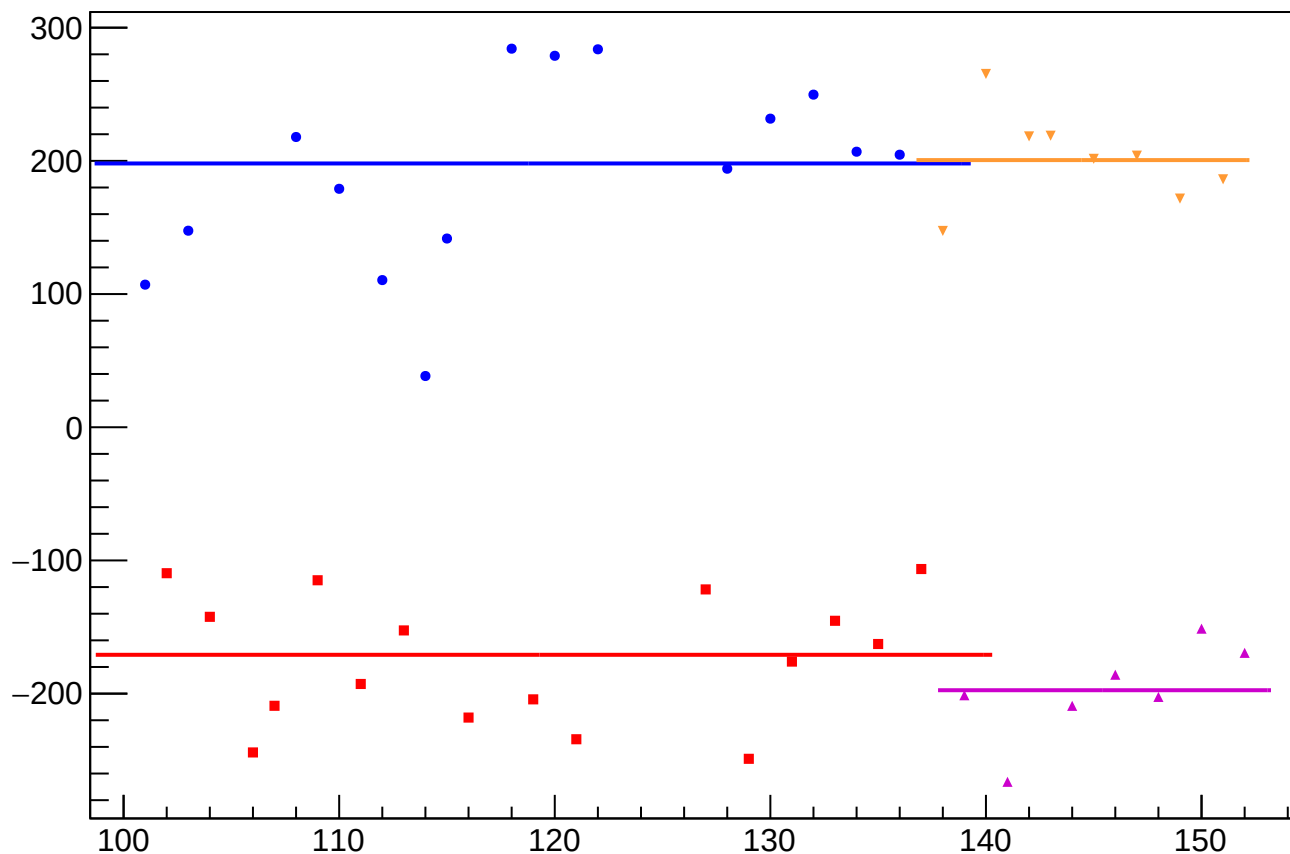
Out: 1016.917+/-0.000 χ^2/NDF : 715334254349780

Left In: -27980.901+/-0.000

χ^2/NDF : 1836444892416945213794714168748025053184.0/6

All: -124.814+/-0.000 χ^2/NDF : 15723365842

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056+/-0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 200.583+/-0.000

χ^2/NDF : 687916171928103505315125412526817280.0/7

Right Out: -170.851+/-0.000

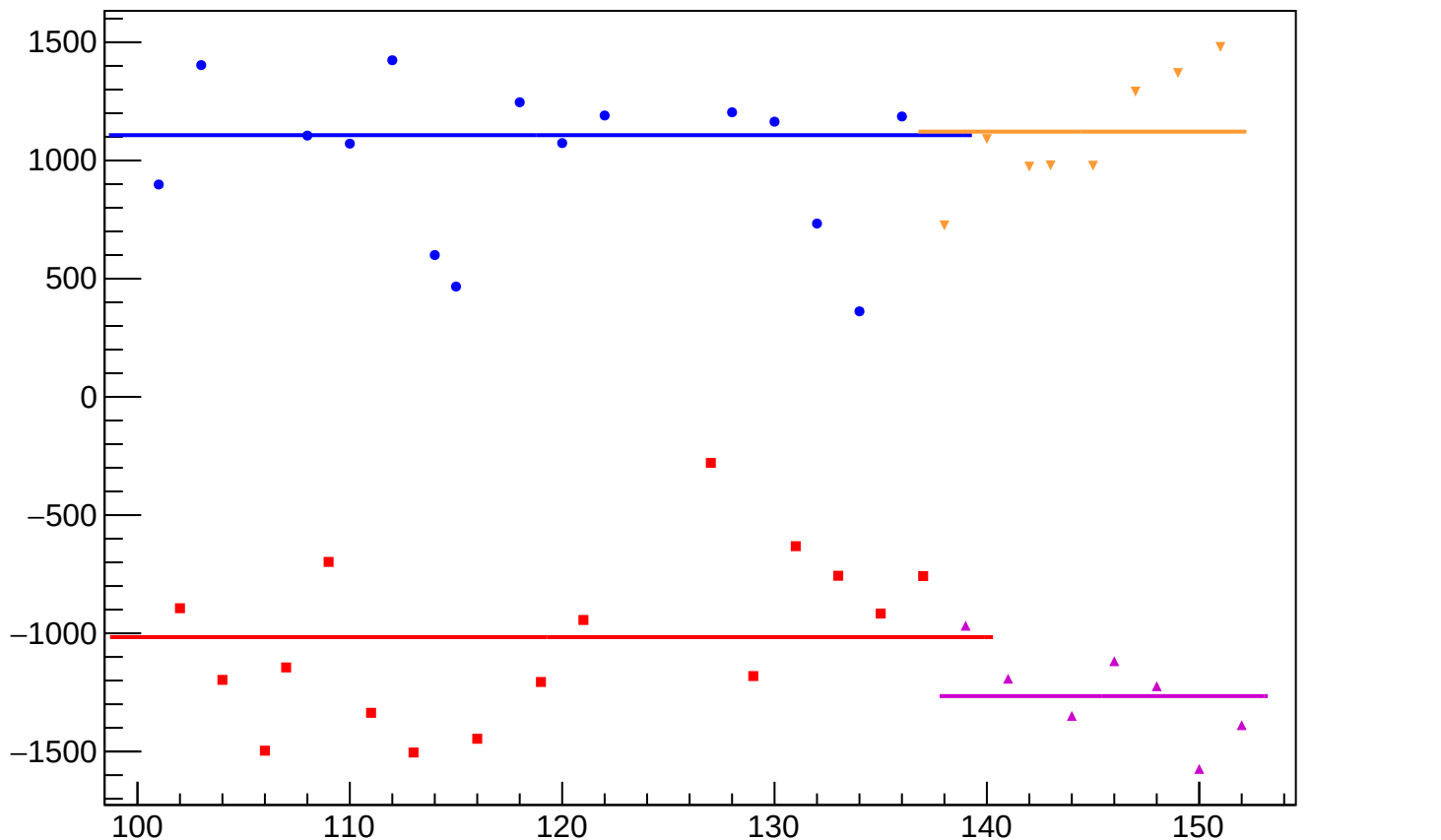
χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -197.447+/-0.000

χ^2/NDF : 691574684984258290152950561987624960.0/6

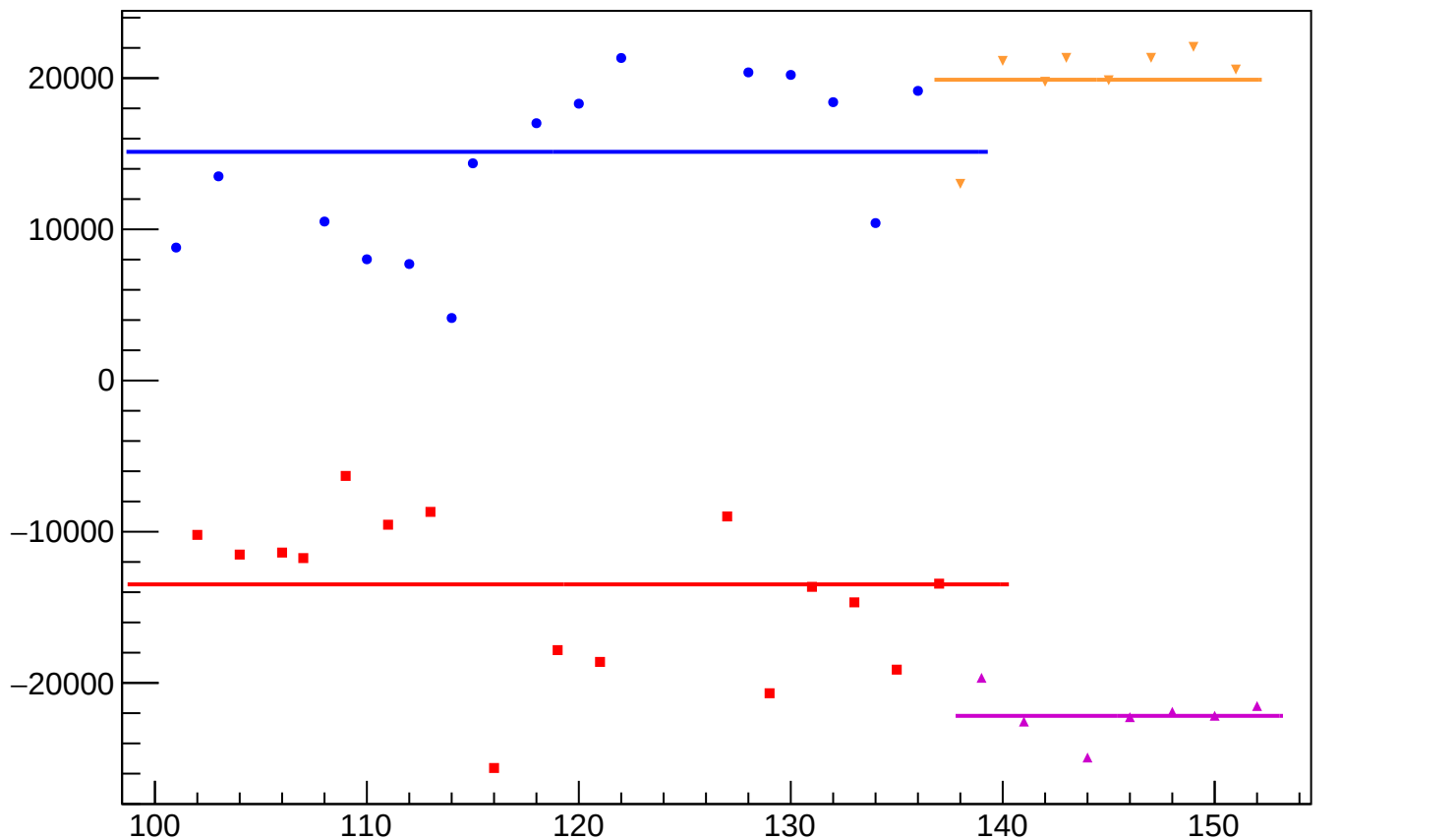
Left: 0.400+/-0.000 χ^2/NDF : 486290484580535218
 Right: 11.079+/-0.000 χ^2/NDF : 4866728486717223
 In: 8.062+/-0.000 χ^2/NDF : 5194227654528182770
 Out: 3.959+/-0.000 χ^2/NDF : 454148549270079372
 All: 6.001+/-0.000 χ^2/NDF : 97367694257745

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



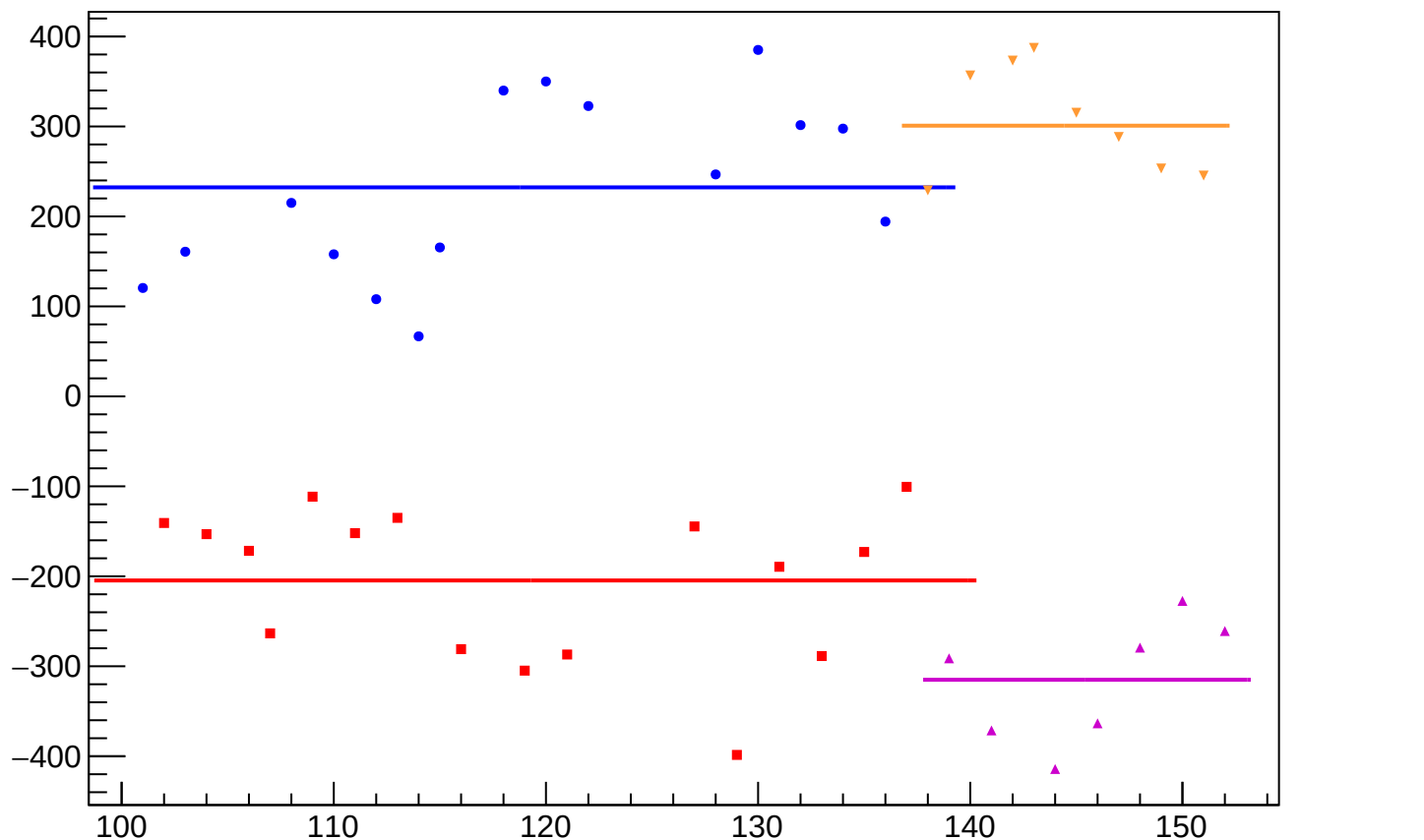
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam6_coil4_mean vs Slug, Sign Corrected



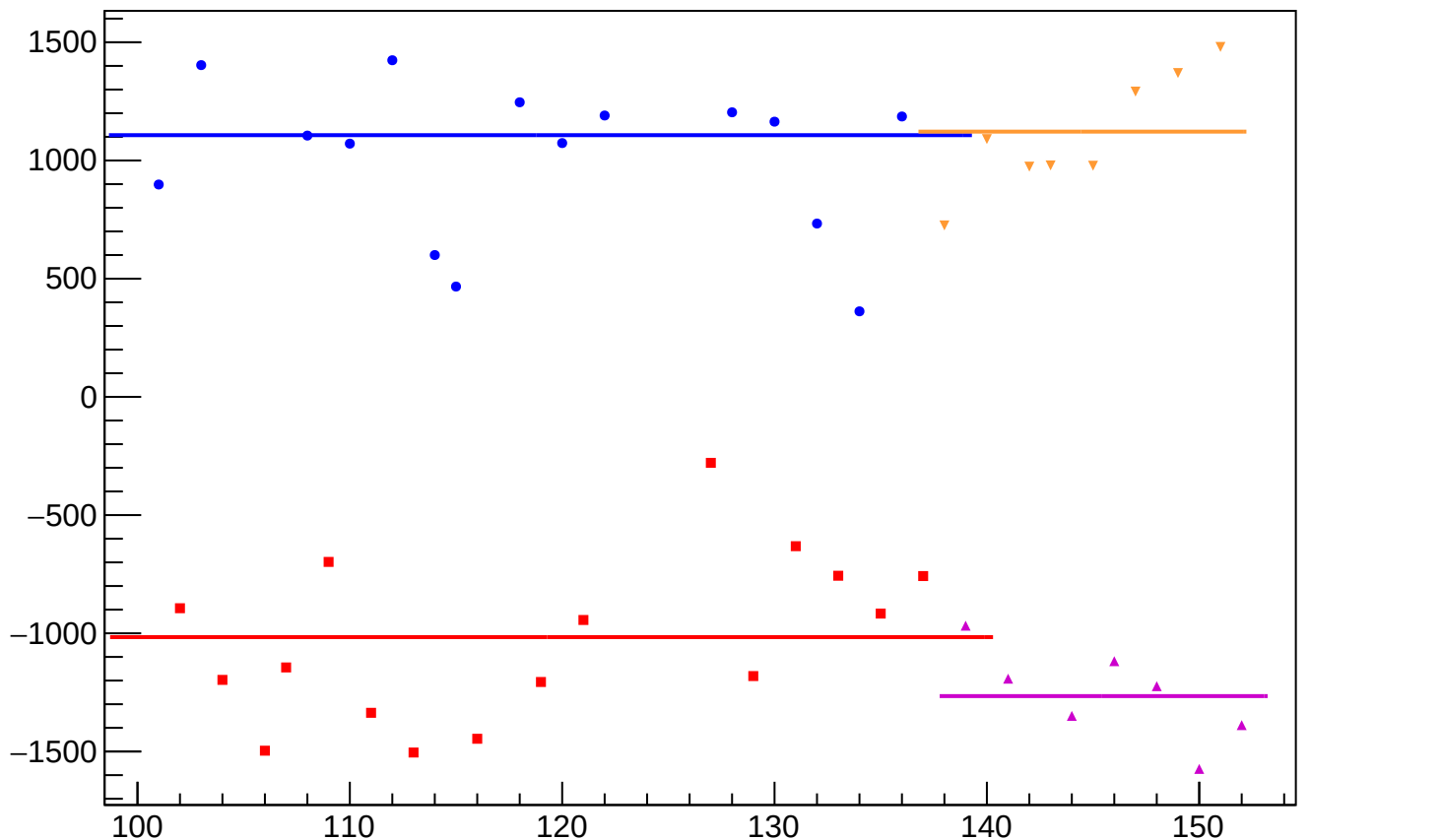
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 19894.094+/-0.000 χ^2/NDF : 4563082651107453678099483167684802117632.0/7
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -22178.503+/-0.000 χ^2/NDF : 1244244846931309803633122299104580337664.0/6
 All: -273.374+/-0.000 χ^2/NDF : 83769829359

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



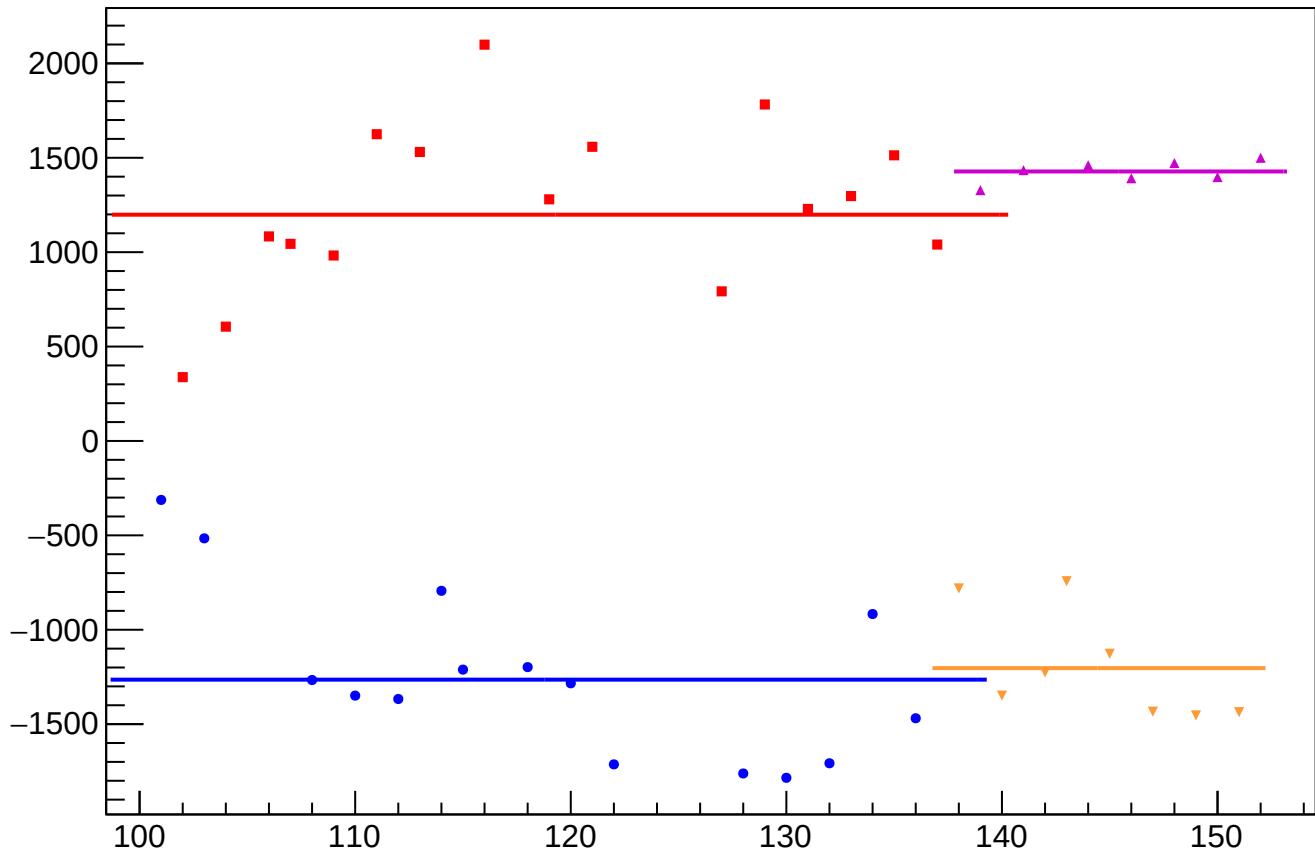
Left: -8.876 +/- 0.000 χ^2/NDF : 11743277780918357
 Right: 10.849 +/- 0.000 χ^2/NDF : 7283570791033899
 In: -30.615 +/- 0.000 χ^2/NDF : 10132088871237481
 Out: 33.275 +/- 0.000 χ^2/NDF : 86630712447316225
 All: 1.470 +/- 0.000 χ^2/NDF : 1905119569381

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 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: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1203.313+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1427.468+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 43940040189130552062490649575129350144.0/7

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 1706975138962670295492763194037895168.0/6

Left: 119.796+/-0.000 χ^2/NDF : 2109765943710678

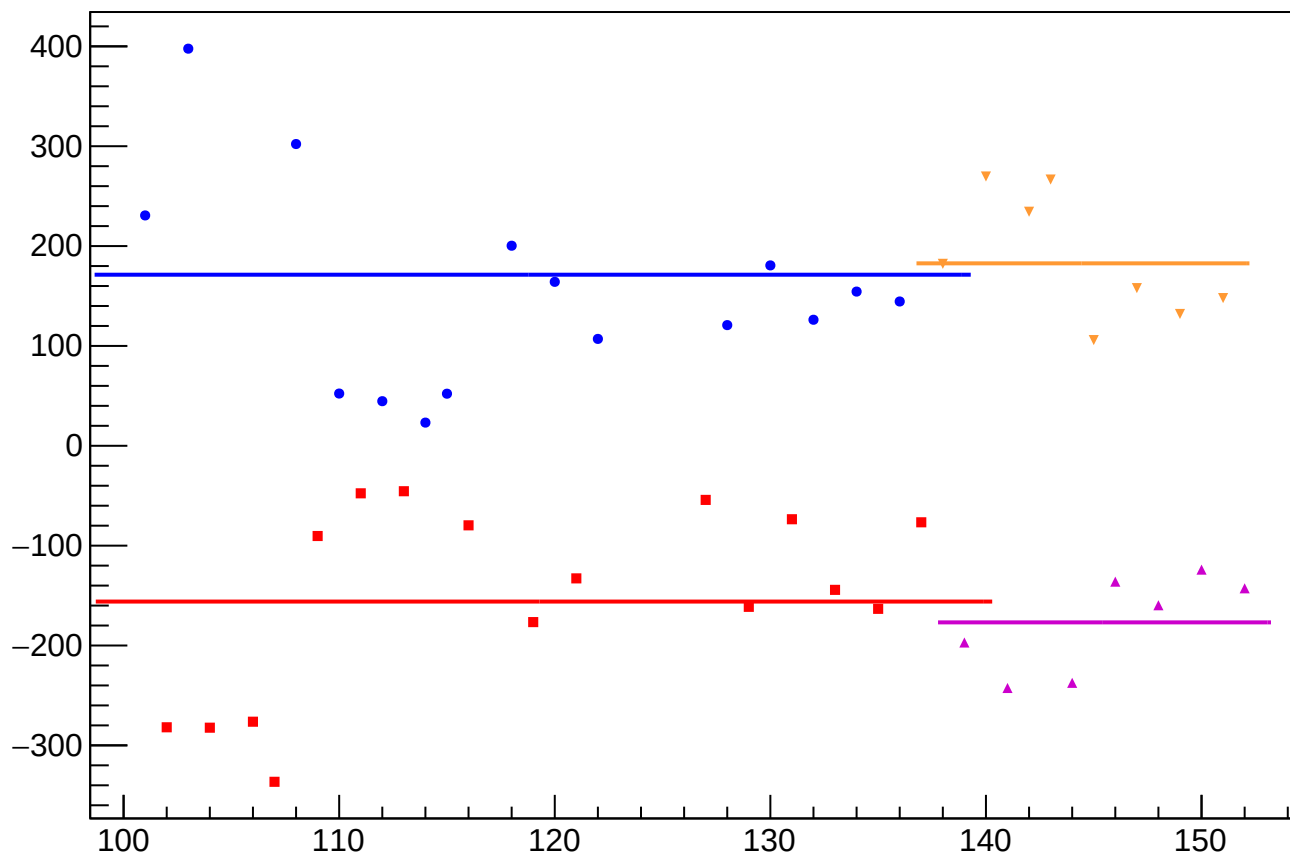
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: 28.782+/-0.000 χ^2/NDF : 240088712764976136

Out: 68.114+/-0.000 χ^2/NDF : 19859538879288750

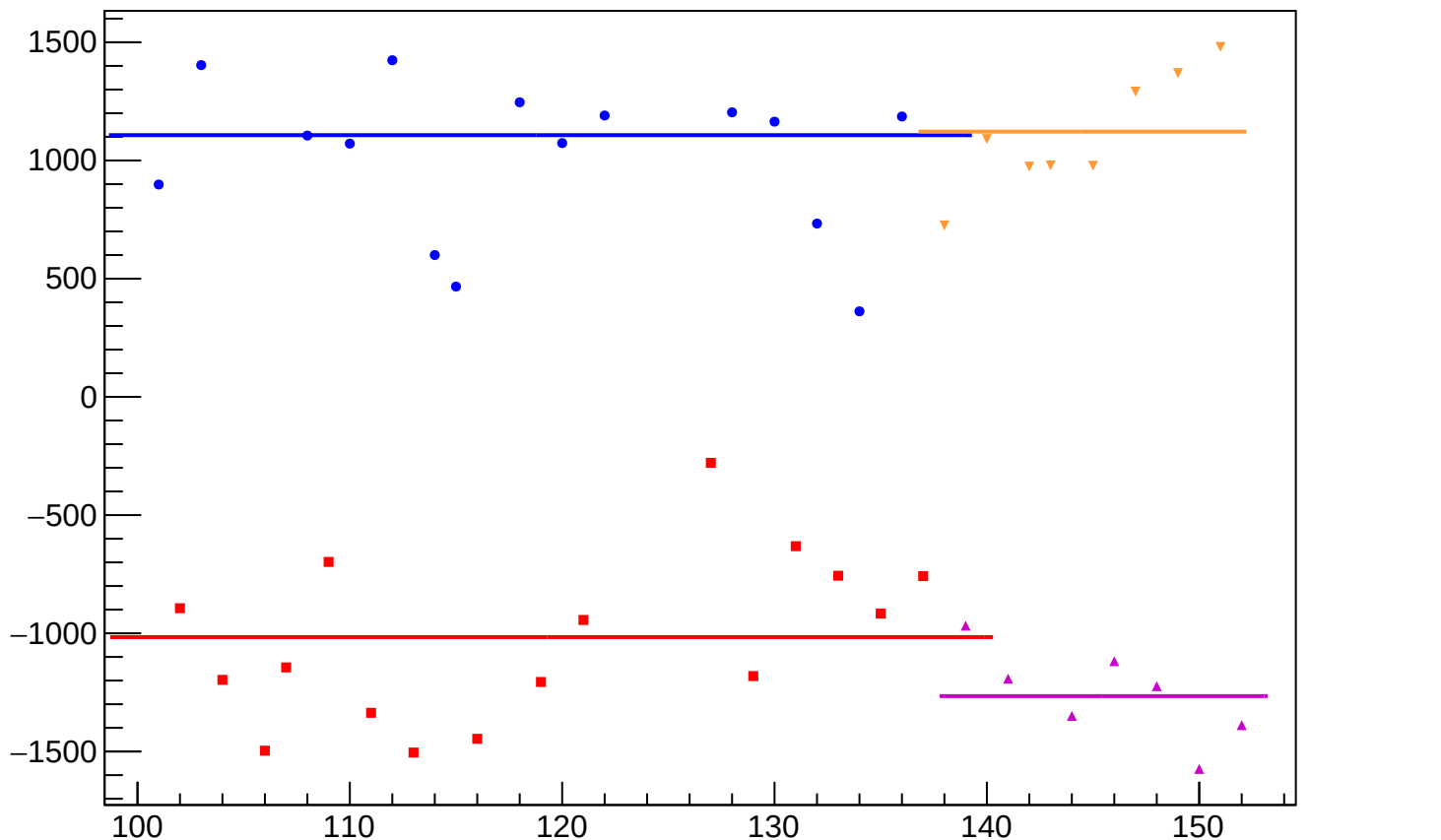
All: 48.534+/-0.000 χ^2/NDF : 4387811385355

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



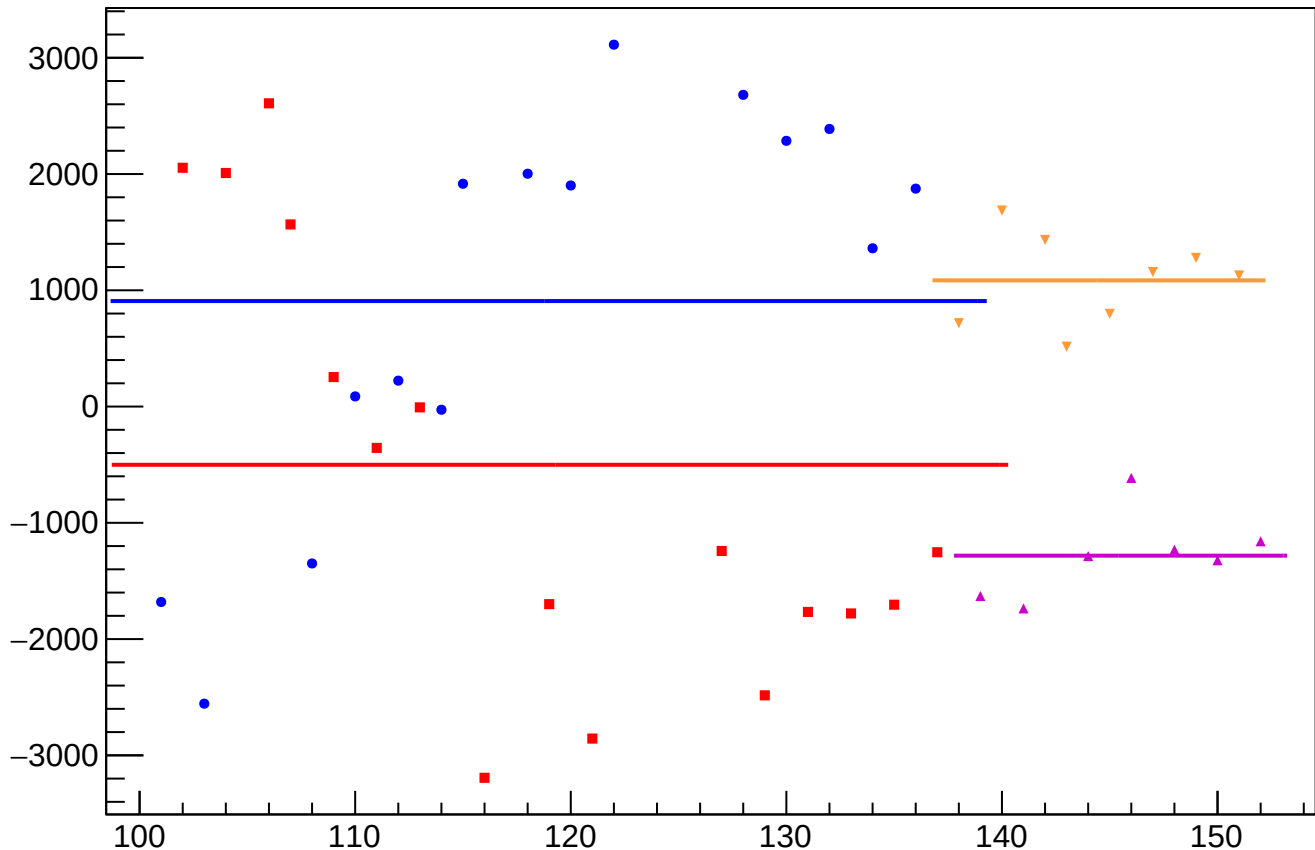
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 182.697+/-0.000 χ^2/NDF : 2050446676694538854667554891872862208.0/7
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -176.840+/-0.000 χ^2/NDF : 124389159342793324566465298611306496.0/6
 All: 3.737+/-0.000 χ^2/NDF : 88897596457302

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



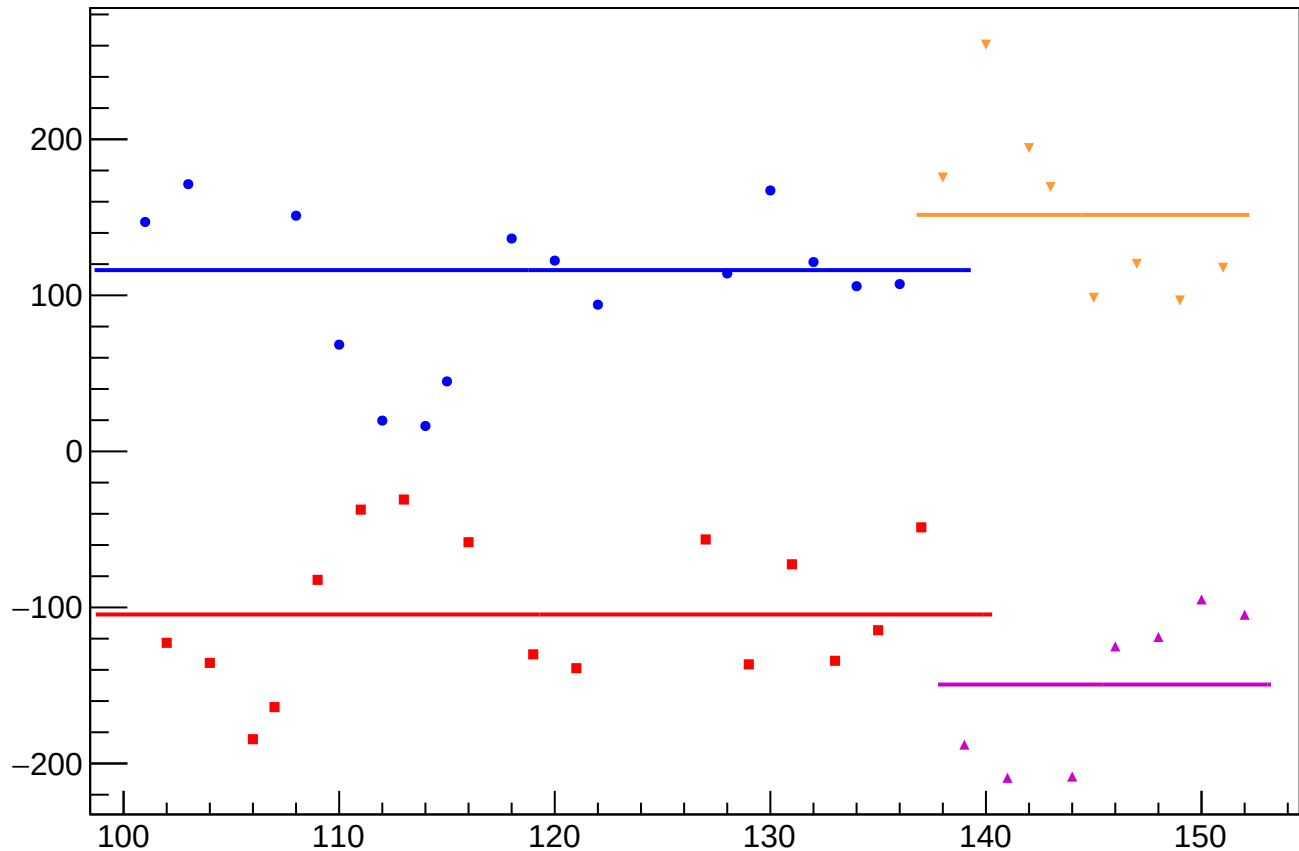
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1122.024 $\pm$ 0.000 χ^2 /NDF: 33697884142269026327184813347743727616.0/7
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1265.633 $\pm$ 0.000 χ^2 /NDF: 20170795813646443419056058750572953600.0/6
 All: -21.238 $\pm$ 0.000 χ^2 /NDF: 335763547036

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -105.381 +/- 0.000 χ^2/NDF : 181644990410410
 Right: 193.746 +/- 0.000 χ^2/NDF : 483370034209518
 In: -144.556 +/- 0.000 χ^2/NDF : 3668498335376605
 Out: 245.874 +/- 0.000 χ^2/NDF : 2942028379501753
 All: 51.515 +/- 0.000 χ^2/NDF : 6706139987505

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 116.159+/-0.000

χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 151.571+/-0.000

χ^2/NDF : 1772344250060841501438947267218243584.0/7

Right Out: -104.501+/-0.000

χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: -149.409+/-0.000

χ^2/NDF : 1305705069404328032740917476631511040.0/6

Left: 0.198+/-0.000 χ^2/NDF : 300952632510763484

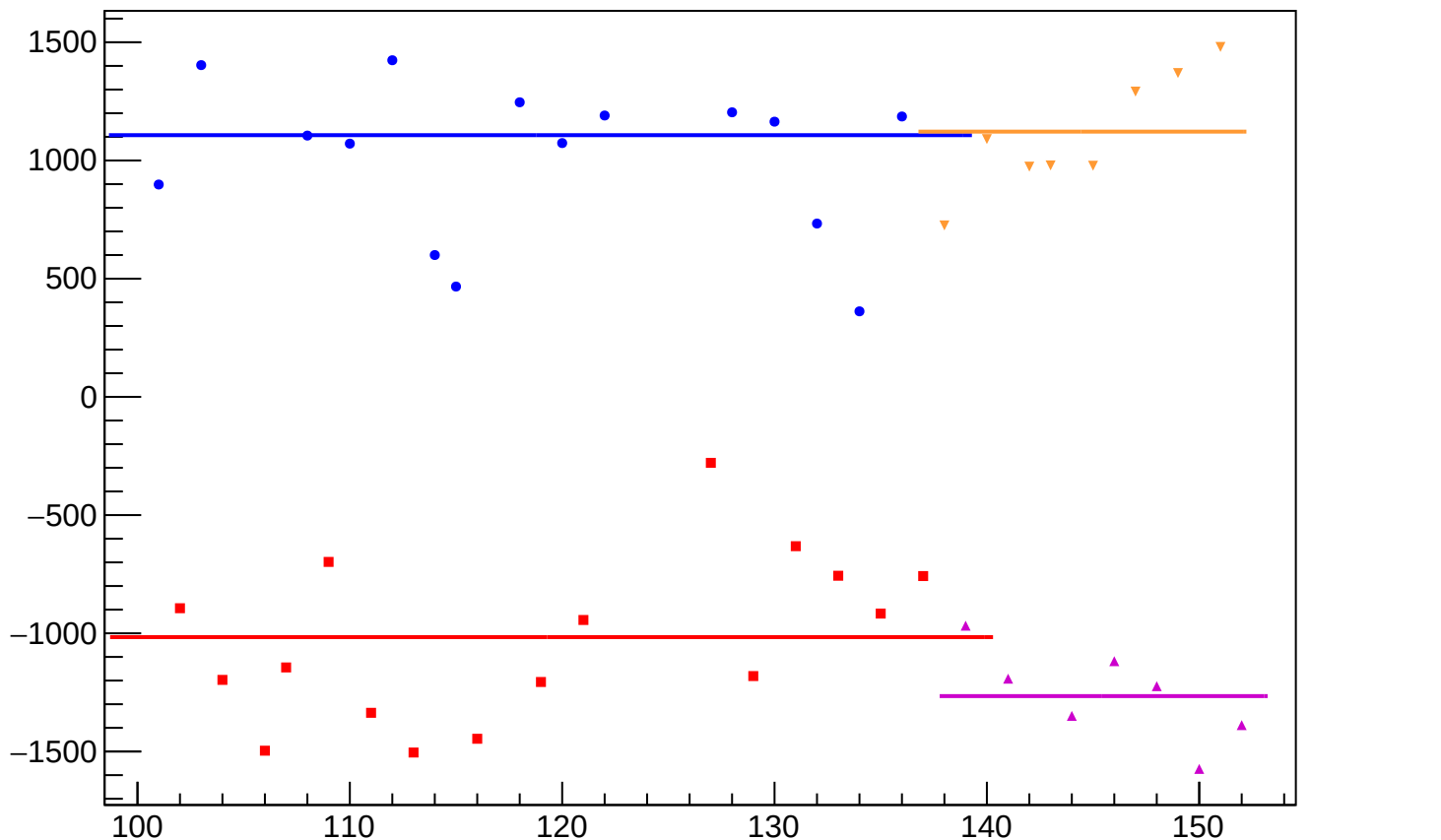
Right: 4.320+/-0.000 χ^2/NDF : 18500756430901072

In: -11.415+/-0.000 χ^2/NDF : 24492170361759499

Out: 16.016+/-0.000 χ^2/NDF : 23642501215321254

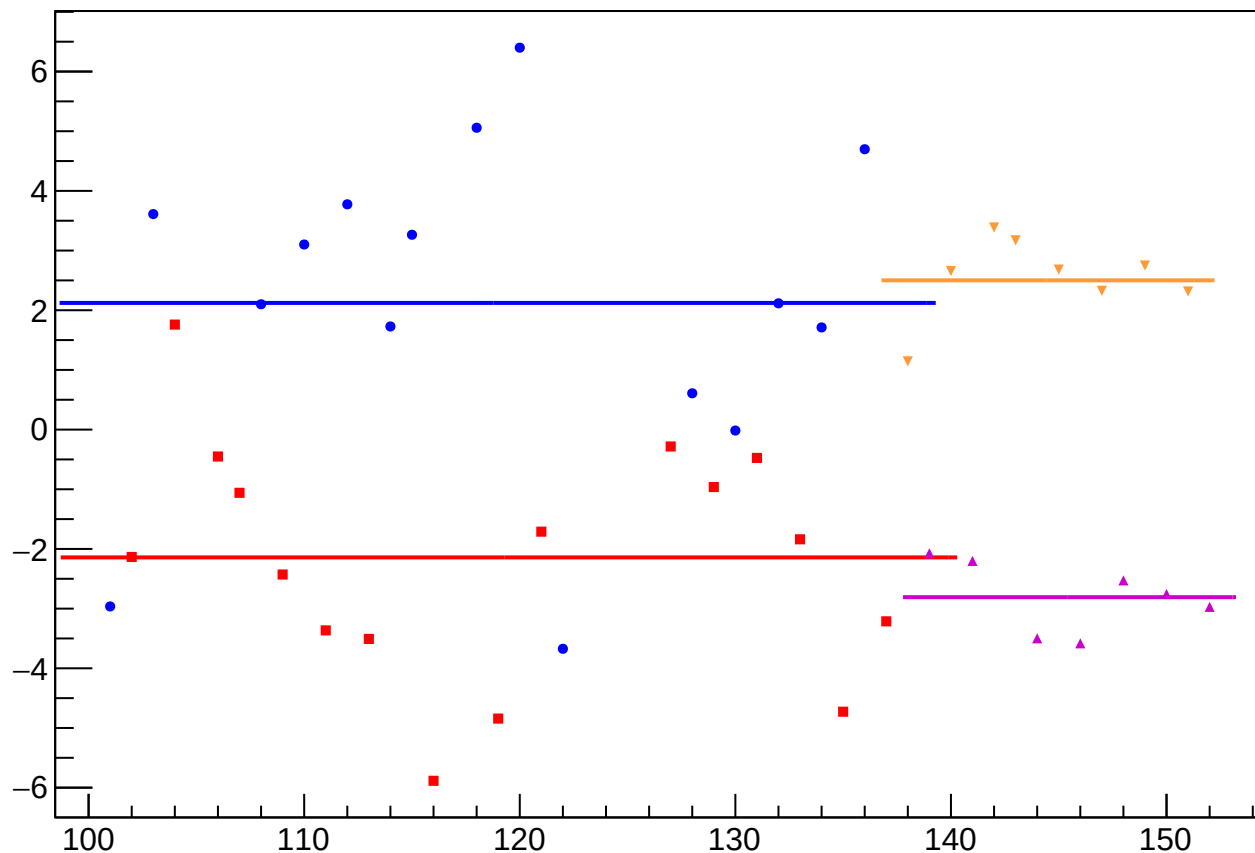
All: 2.360+/-0.000 χ^2/NDF : 4860665151384

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



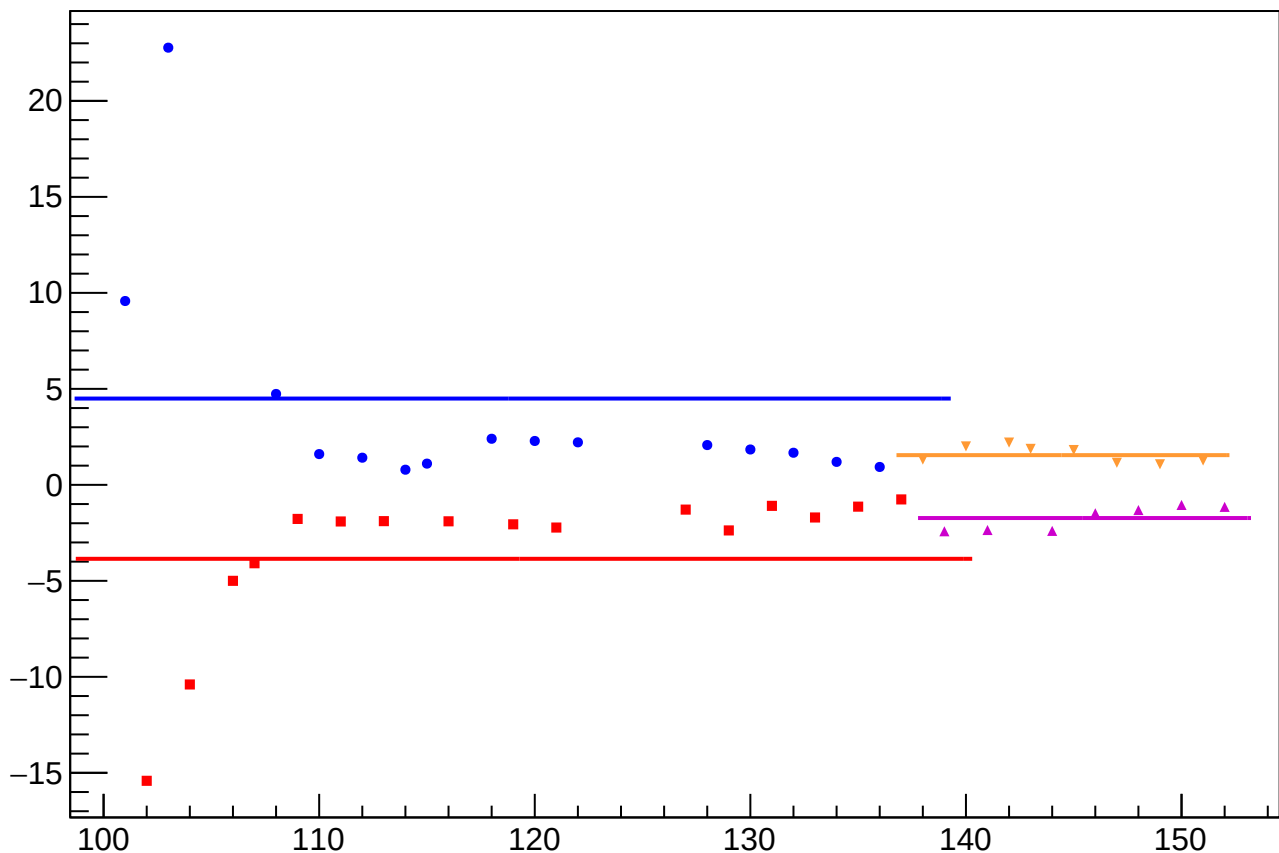
Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Left Out: 1122.024 ± 0.000 $\chi^2/\text{NDF}: 33697884142269026327184813347743727616.0/7$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Left In: -1265.633 ± 0.000 $\chi^2/\text{NDF}: 20170795813646443419056058750572953600.0/6$
 All: -21.238 ± 0.000 $\chi^2/\text{NDF}: 335763547036$

dit_4aX_coil6_mean vs Slug, Sign Corrected



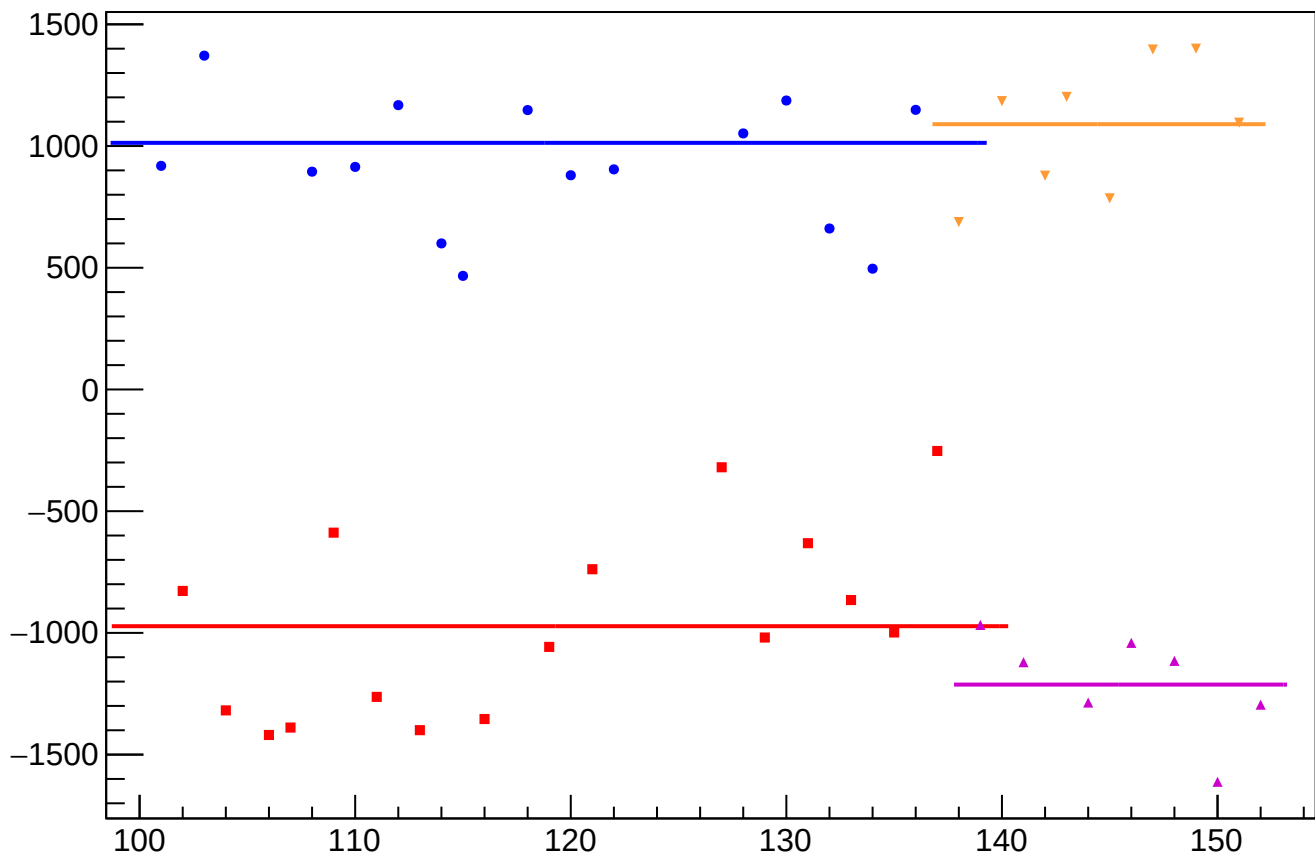
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.501+/-0.000 χ^2/NDF : 224890056499065822204898668707840.0/7
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.808+/-0.000 χ^2/NDF : 176363642274517552735558880460800.0/6
 All: -0.101+/-0.000 χ^2/NDF : 2253767093887

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.100 ± 0.000 χ^2/NDF : 34950722857421120
 Right: 0.264 ± 0.000 χ^2/NDF : 60505823648883396
 Right In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.548 ± 0.000 χ^2/NDF : 91195756069551550422756989337600.0/7
 Right Out: -3.852 ± 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: -1.728 ± 0.000 χ^2/NDF : 202849934277121239797089479688192.0/6
 All: 0.091 ± 0.000 χ^2/NDF : 64083934029357

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: -68.053+/-0.000 χ^2/NDF : 1644184766053052

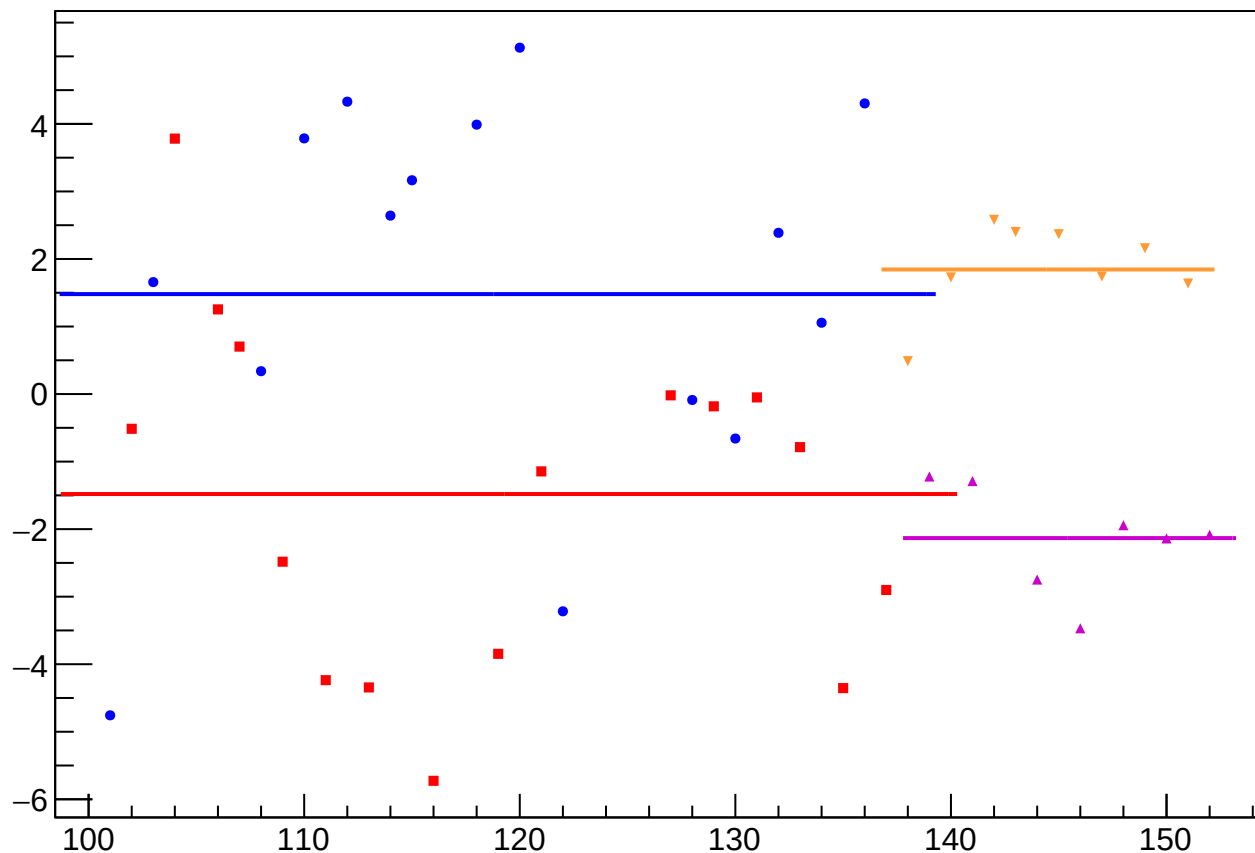
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: -1.911+/-0.000 χ^2/NDF : 14530687187344676

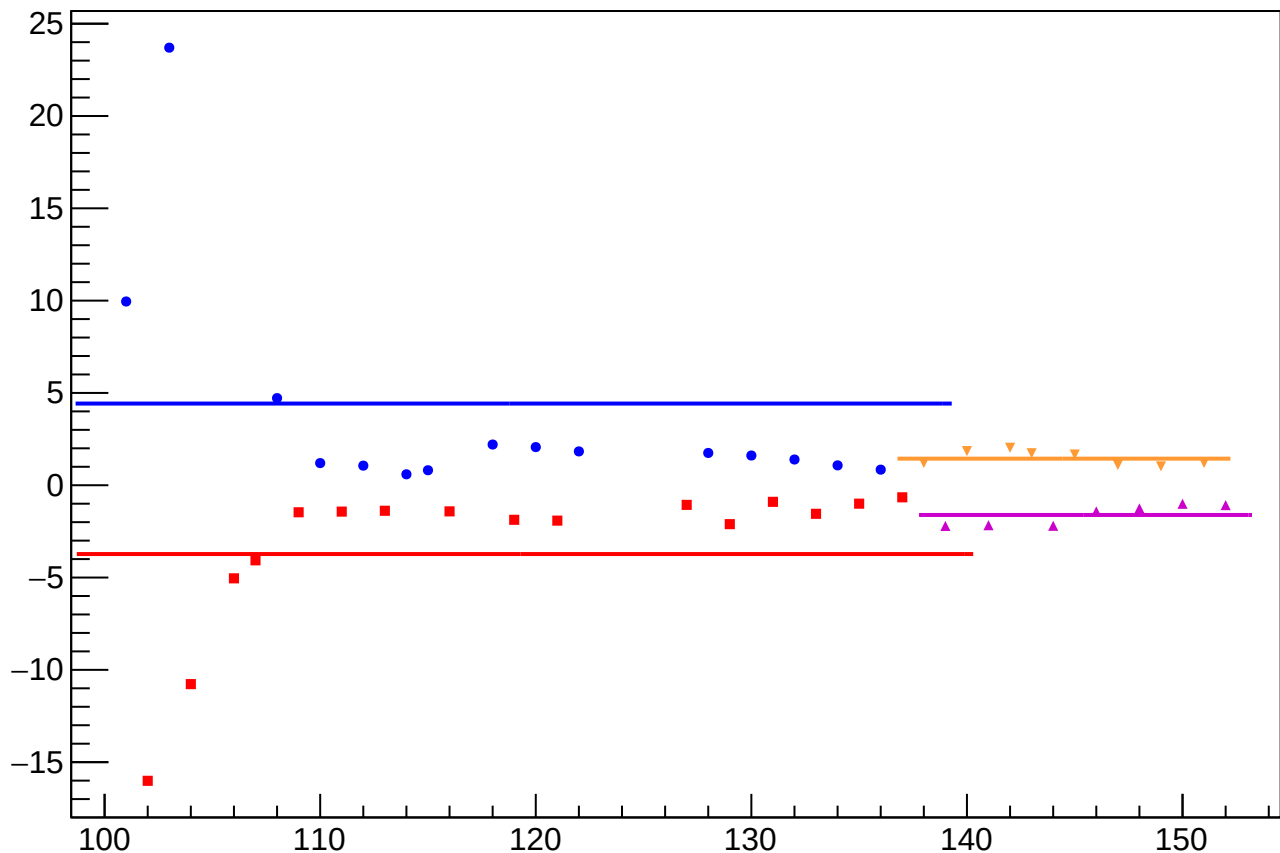
All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_4eX_coil6_mean vs Slug, Sign Corrected



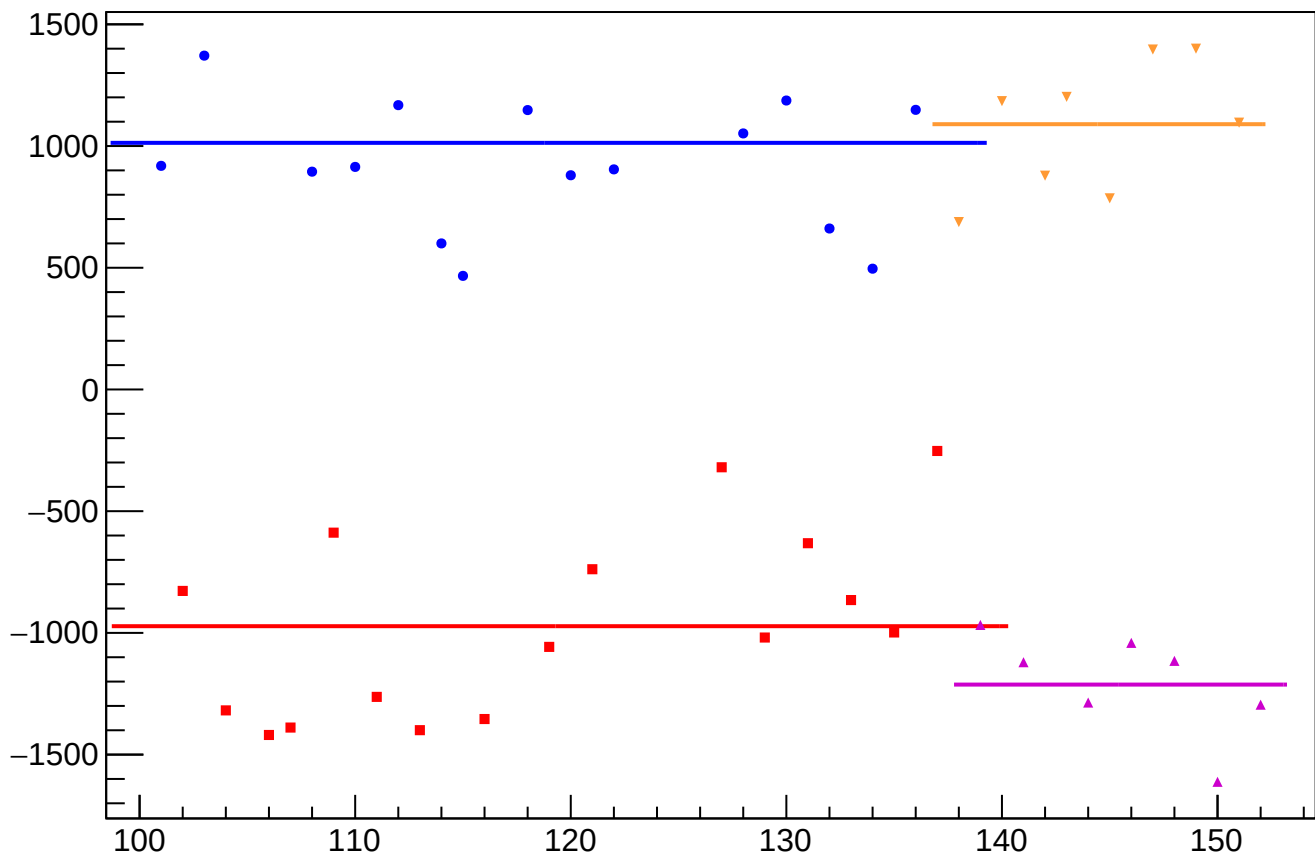
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left: -0.156 $\pm$ 0.000 χ^2 /NDF: 52560172998078895
 Right: -0.020 $\pm$ 0.000 χ^2 /NDF: 1277469544314031
 Left Out: 1.845 $\pm$ 0.000 χ^2 /NDF: 225105759094710165563018923999232.0/7
 In: -0.256 $\pm$ 0.000 χ^2 /NDF: 101815724070053227
 Right Out: -1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Out: 0.085 $\pm$ 0.000 χ^2 /NDF: 778804478009904985
 Left In: -2.133 $\pm$ 0.000 χ^2 /NDF: 312873100309308605204188910059520.0/6
 All: -0.085 $\pm$ 0.000 χ^2 /NDF: 1804216977983

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.094 +/- 0.000 χ^2/NDF : 30032187917979282
 Right In: 4.424 +/- 0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Right: 0.293 +/- 0.000 χ^2/NDF : 64106471830391853
 Left Out: 1.440 +/- 0.000 χ^2/NDF : 71753054599804956505349849874432.0/7
 In: 1.526 +/- 0.000 χ^2/NDF : 3976820711214491471
 Right Out: -3.727 +/- 0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Out: -1.295 +/- 0.000 χ^2/NDF : 22444065145024918
 Left In: -1.610 +/- 0.000 χ^2/NDF : 157126200165884010971821542211584.0/6
 All: 0.109 +/- 0.000 χ^2/NDF : 67203439036784

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: -68.053+/-0.000 χ^2/NDF : 1644184766053052

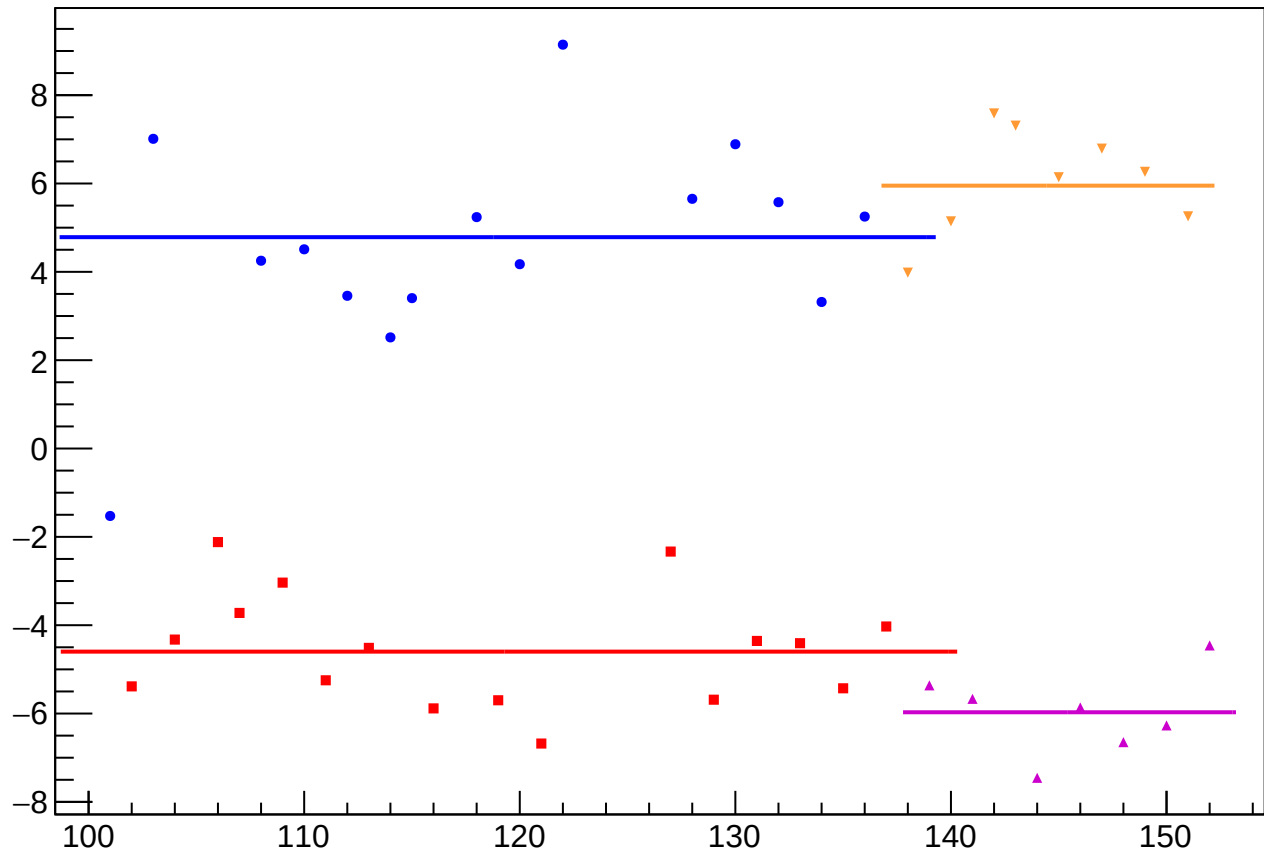
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: -1.911+/-0.000 χ^2/NDF : 14530687187344676

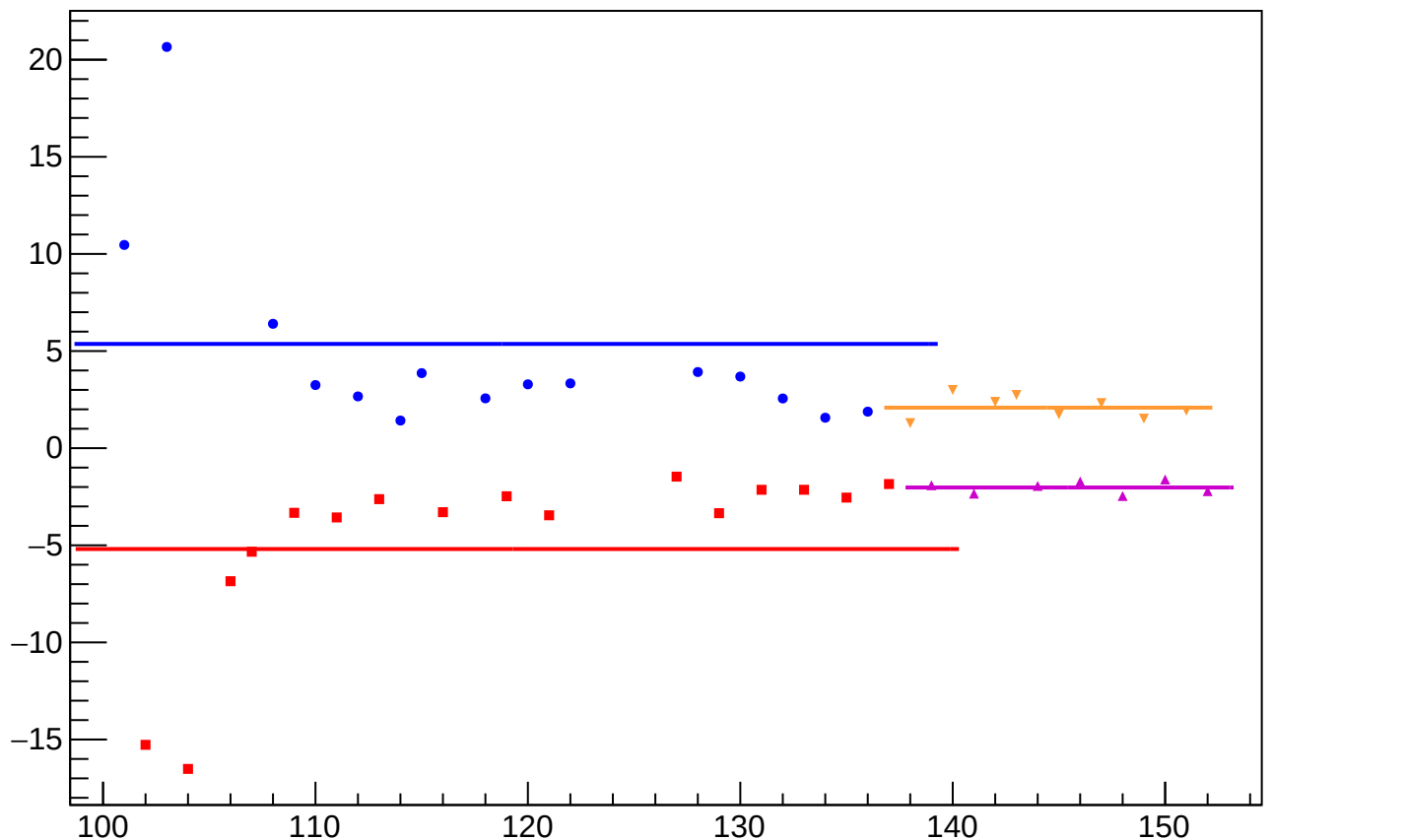
All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_11X12X_coil6_mean vs Slug, Sign Corrected



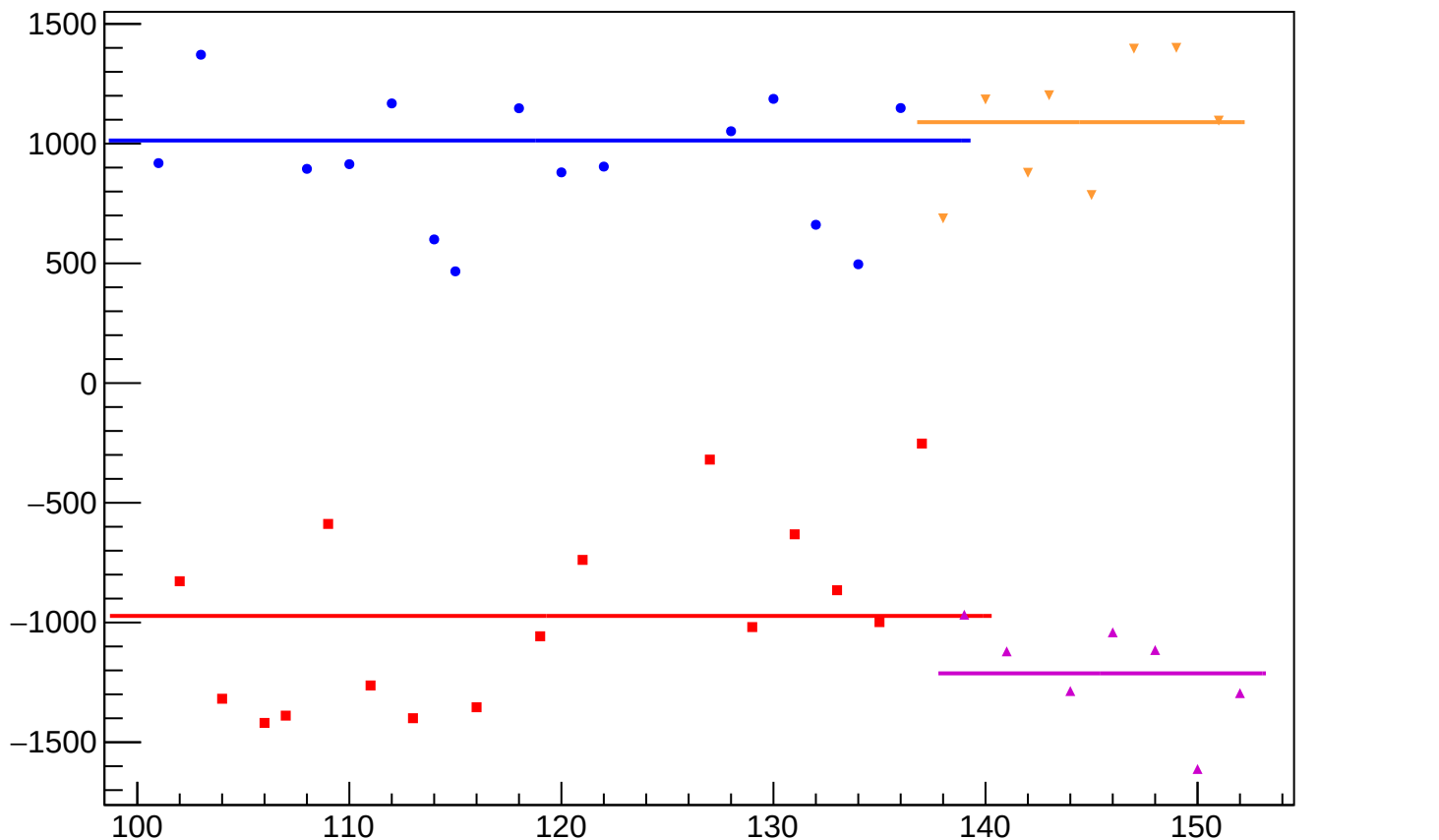
Right In: 4.785 ± 0.000 $\chi^2/\text{NDF}: 3996556073154779711808159470321664.0/14$
 Left Out: 5.951 ± 0.000 $\chi^2/\text{NDF}: 705981269337661431940348108603392.0/7$
 Right Out: -4.598 ± 0.000 $\chi^2/\text{NDF}: 989607156792948633247632779640832.0/15$
 Left In: -5.971 ± 0.000 $\chi^2/\text{NDF}: 480449500091400746049197951680512.0/6$
 All: -0.006 ± 0.000 $\chi^2/\text{NDF}: 7753297664674$

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



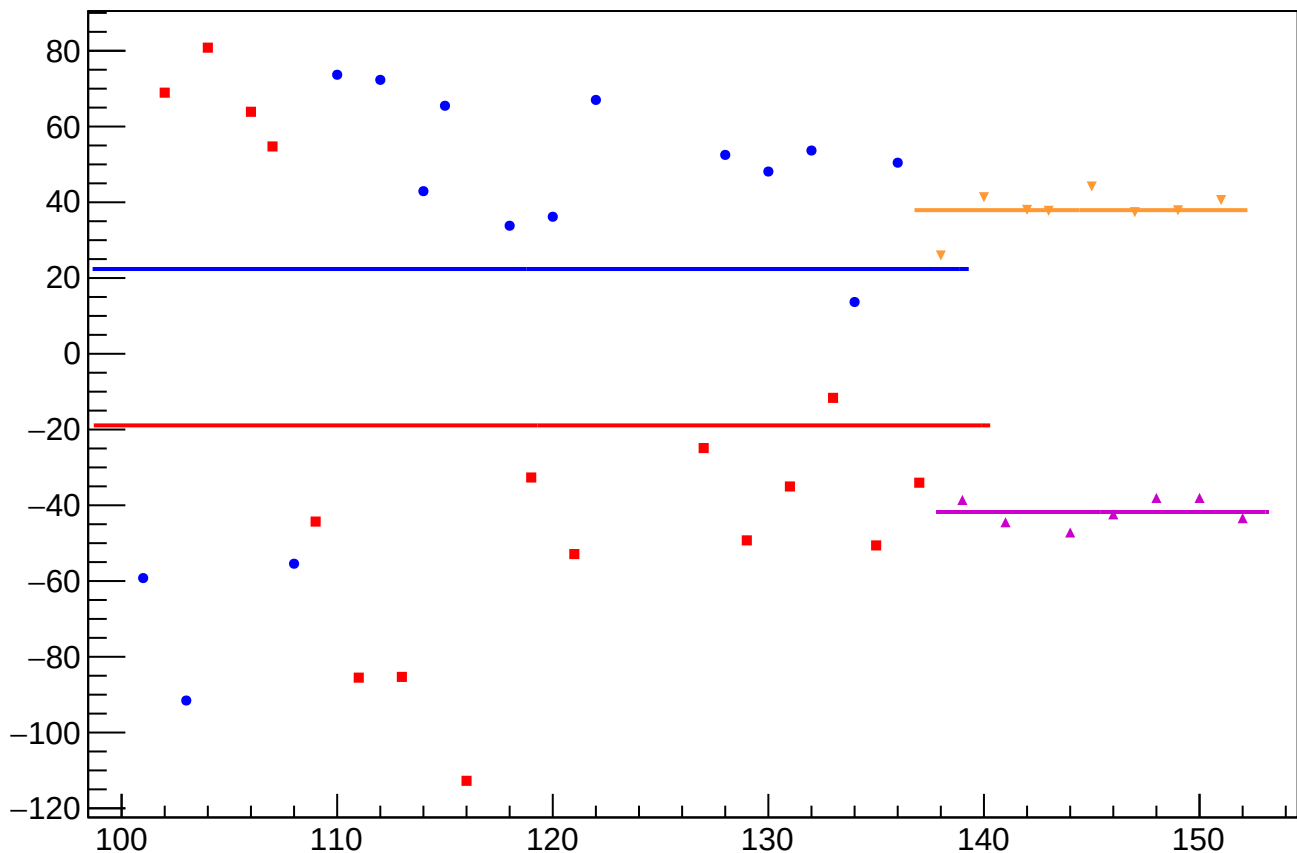
Left: 0.019 +/- 0.000 χ^2/NDF : 528651446711174134
 Right In: 5.366 +/- 0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Right: 0.015 +/- 0.000 χ^2/NDF : 71199413844226553
 Left Out: 2.087 +/- 0.000 χ^2/NDF : 192724273643613897736371423936512.0/7
 In: 1.816 +/- 0.000 χ^2/NDF : 358632896106050633
 Right Out: -5.192 +/- 0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Out: -1.767 +/- 0.000 χ^2/NDF : 32574027192569491
 Left In: -2.025 +/- 0.000 χ^2/NDF : 52462672547267797545668831084544.0/6
 All: 0.017 +/- 0.000 χ^2/NDF : 76485939215196

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7
 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: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 22.385+/-0.000

χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.925+/-0.000

χ^2/NDF : 15843268966434624674062464266010624.0/7

Right Out: -18.907+/-0.000

χ^2/NDF : 2182221808408156293593992757837824.0/15

Left In: -41.766+/-0.000

χ^2/NDF : 6715390841799434681646564209852416.0/6

Left: -2.155+/-0.000 χ^2/NDF : 19165638463587085

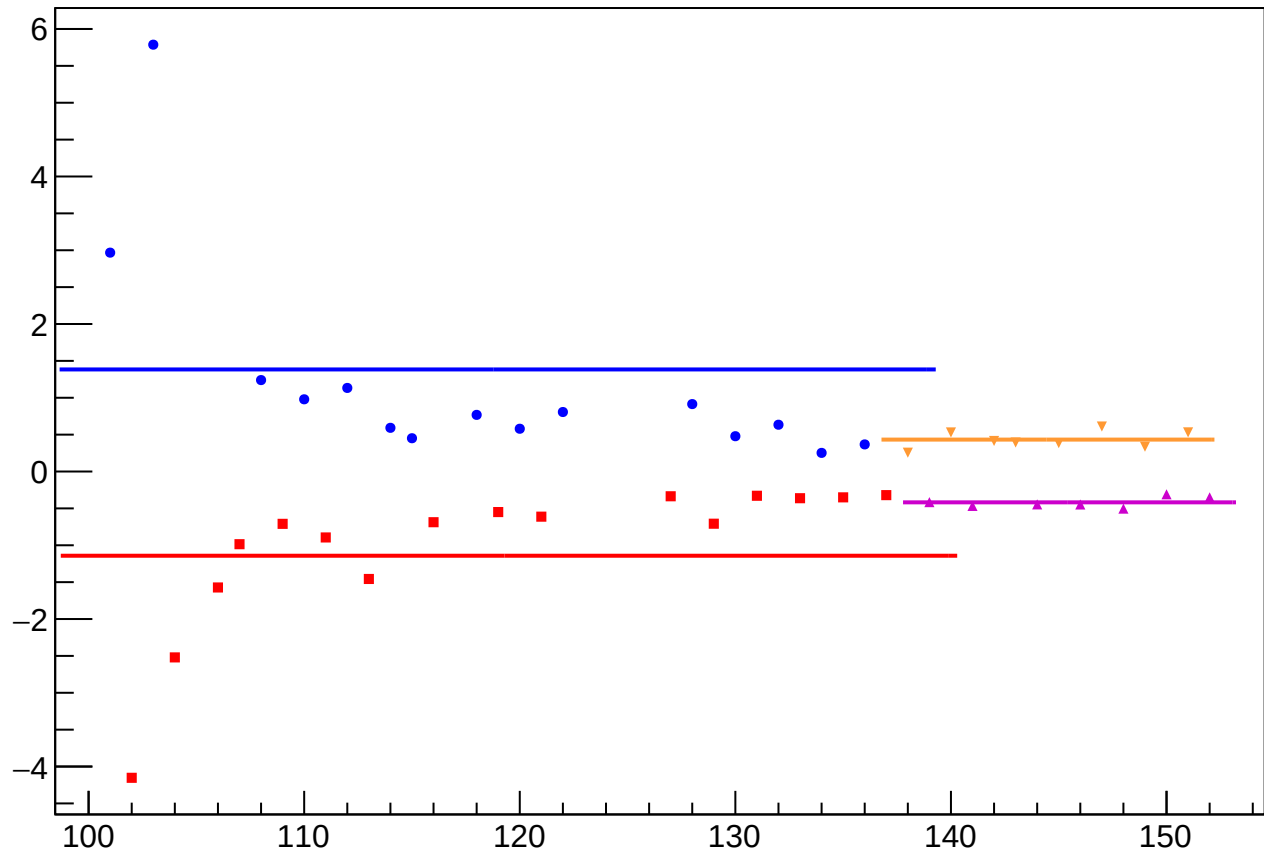
Right: 1.456+/-0.000 χ^2/NDF : 46653243676344267

In: -8.432+/-0.000 χ^2/NDF : 321200571056159974

Out: 7.840+/-0.000 χ^2/NDF : 321195671711445991

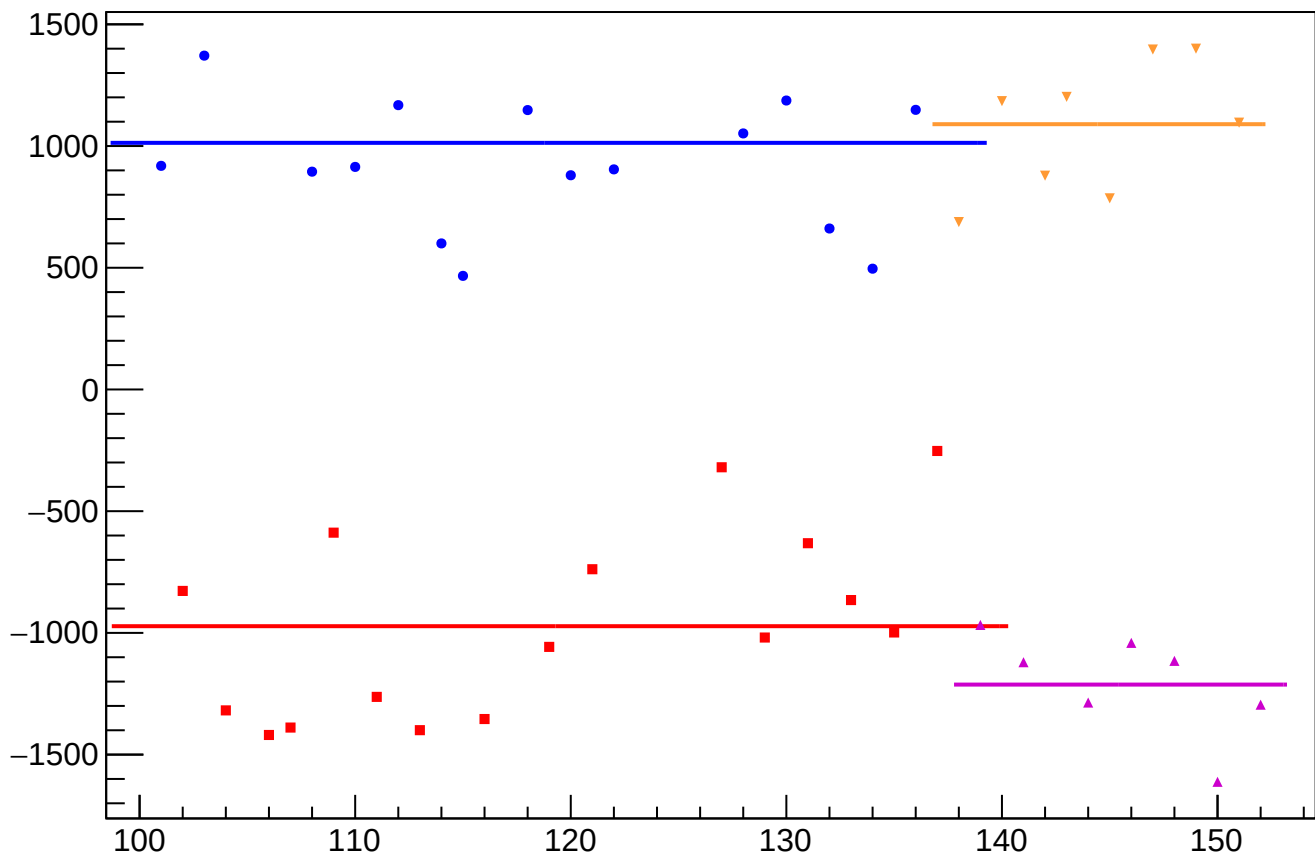
All: -0.261+/-0.000 χ^2/NDF : 6590047056681

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.433+/-0.000 χ^2/NDF : 7504203198009721054115240345600.0/7
 Right Out: -1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: -0.418+/-0.000 χ^2/NDF : 2434641210825852667569348018176.0/6
 All: 0.057+/-0.000 χ^2/NDF : 47122445404375

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: -68.053+/-0.000 χ^2/NDF : 1644184766053052

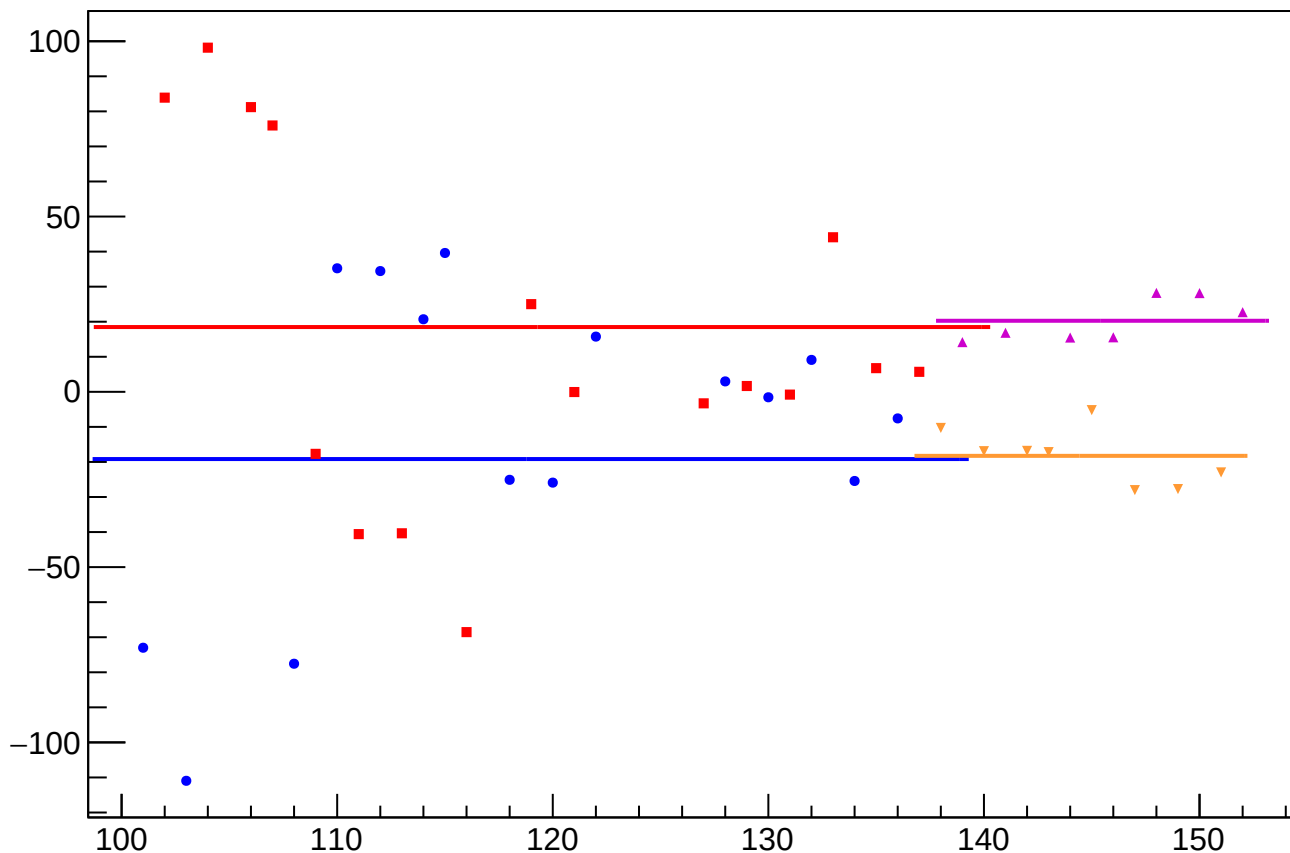
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: -1.911+/-0.000 χ^2/NDF : 14530687187344676

All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175 ± 0.000

Left Out: -18.260 ± 0.000

Right Out: 18.479 ± 0.000

Left In: 20.268 ± 0.000

$\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

$\chi^2/\text{NDF}: 35755581052911335486882495183454208.0/7$

$\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

$\chi^2/\text{NDF}: 19393447314668135841032691926433792.0/6$

Left: 1.117 ± 0.000 $\chi^2/\text{NDF}: 497870770368786028$

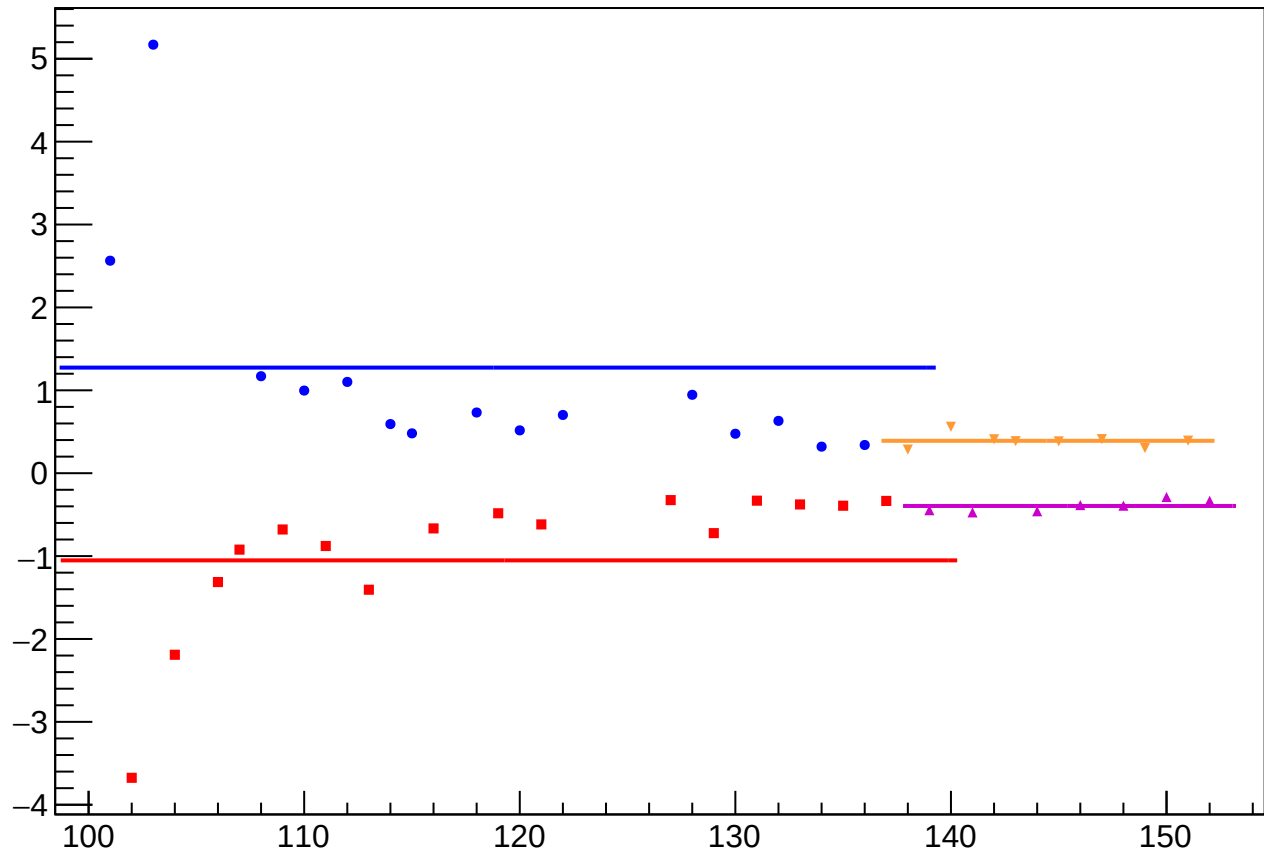
Right: -0.091 ± 0.000 $\chi^2/\text{NDF}: 3202145485356183$

In: -0.227 ± 0.000 $\chi^2/\text{NDF}: 175080317010811464$

Out: 1.188 ± 0.000 $\chi^2/\text{NDF}: 194886888392035591$

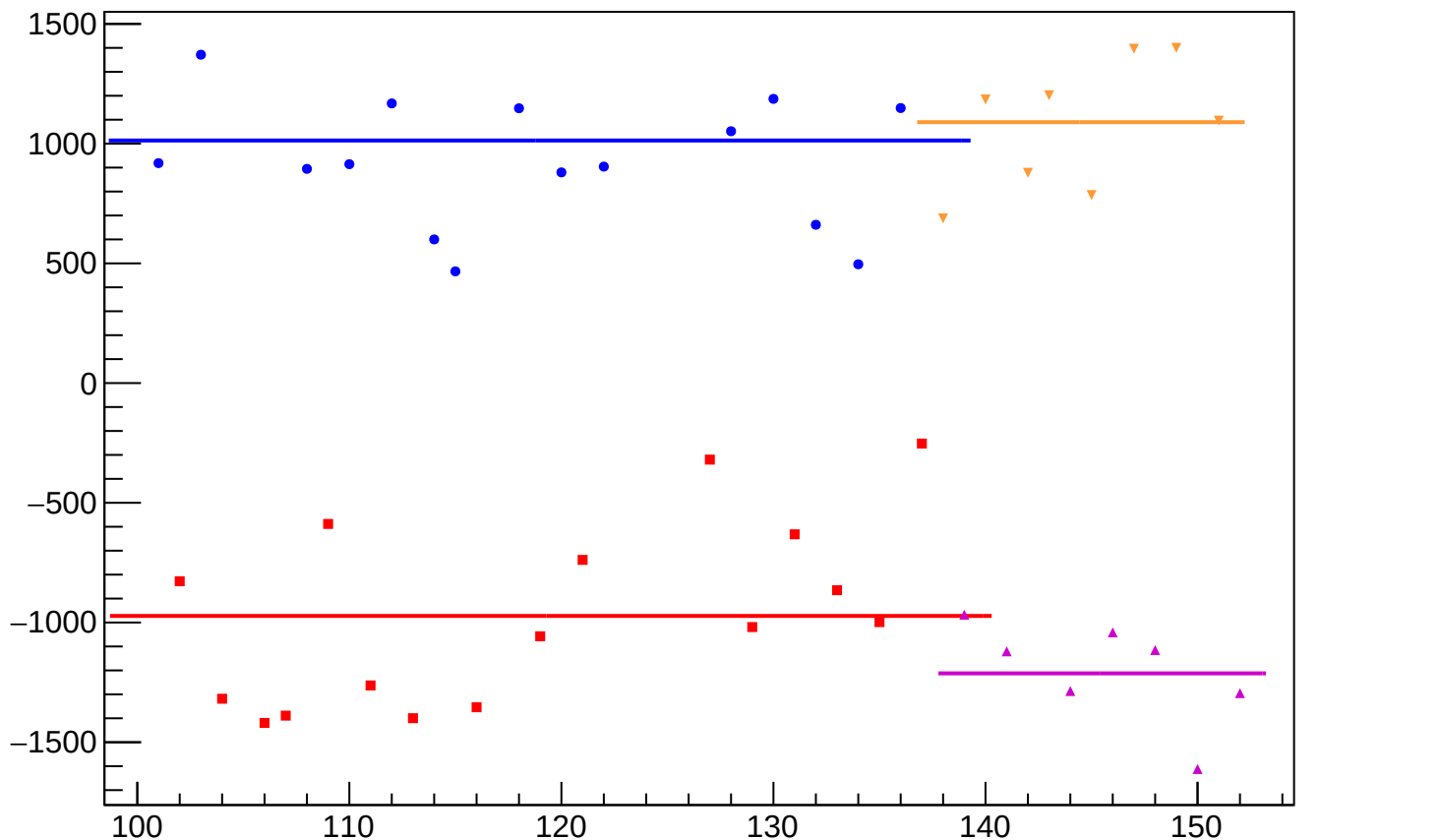
All: 0.484 ± 0.000 $\chi^2/\text{NDF}: 37009286516395$

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



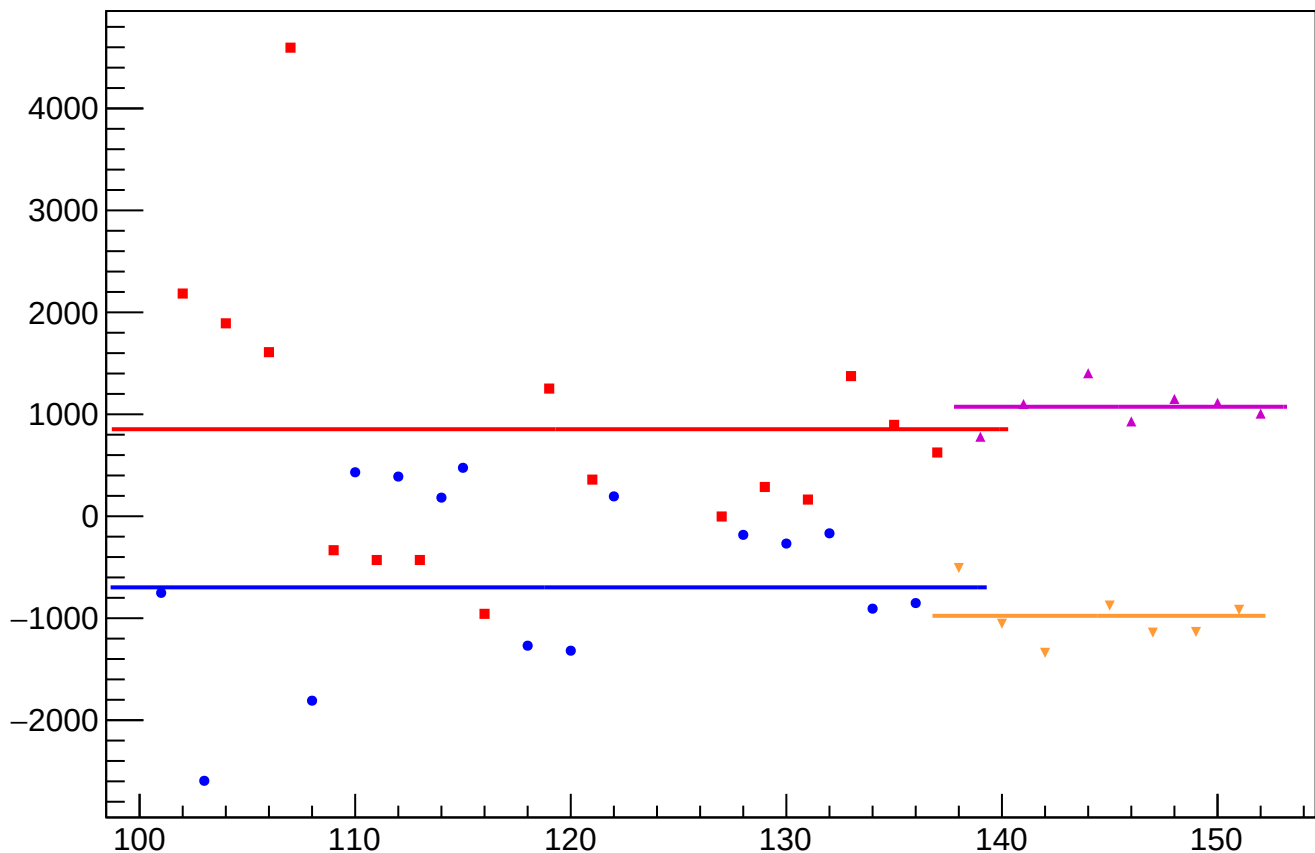
Right In: 1.274 ± 0.000 $\chi^2/\text{NDF}: 1212041476631073599154045304438784.0/14$
 Left Out: 0.391 ± 0.000 $\chi^2/\text{NDF}: 3911738177250399280196424302592.0/7$
 Right Out: -1.052 ± 0.000 $\chi^2/\text{NDF}: 607316121057753919194559126962176.0/15$
 Left In: -0.395 ± 0.000 $\chi^2/\text{NDF}: 2494079906257505257127474626560.0/6$
 All: 0.048 ± 0.000 $\chi^2/\text{NDF}: 37956643210378$

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -68.053 +/- 0.000 χ^2/NDF : 1644184766053052
 Right: 6.761 +/- 0.000 χ^2/NDF : 14074954421733032
 In: -55.950 +/- 0.000 χ^2/NDF : 16002822426064709
 Out: -1.911 +/- 0.000 χ^2/NDF : 14530687187344676
 All: -28.812 +/- 0.000 χ^2/NDF : 305518259268

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283+/-0.000

Left Out: -976.428+/-0.000

Right Out: 853.734+/-0.000

Left In: 1073.990+/-0.000

χ^2/NDF : 490435790698133828475769692944364208128.0/14

χ^2/NDF : 29028820358237339190711340302432468992.0/6

χ^2/NDF : 1078379020126412317155932275156201766912.0/15

χ^2/NDF : 19408693467597515625701884047487139840.0/6

Left: 116.157+/-0.000 χ^2/NDF : 1226812129050025

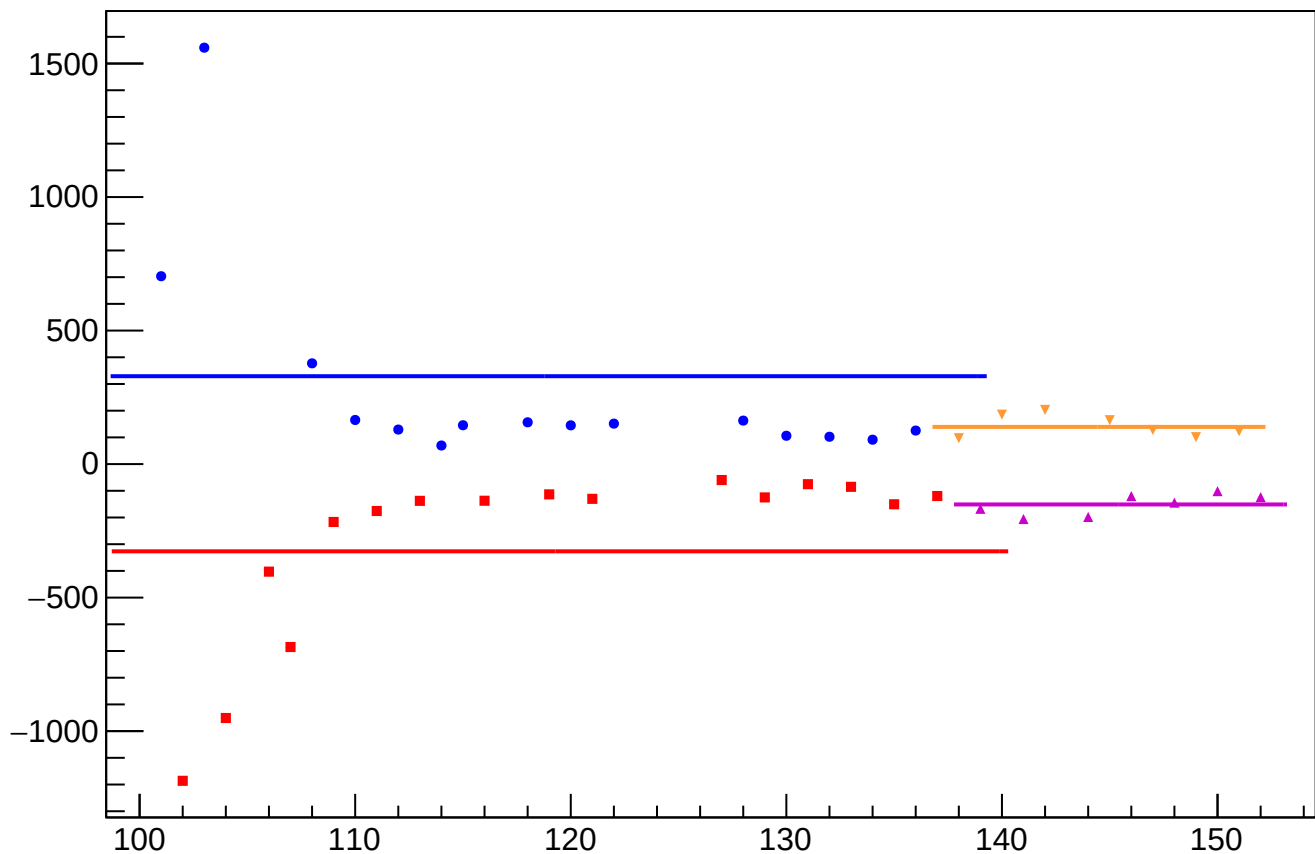
Right: 88.833+/-0.000 χ^2/NDF : 2360125827736184

In: 153.609+/-0.000 χ^2/NDF : 1487991645715300

Out: 46.806+/-0.000 χ^2/NDF : 20924390779622737

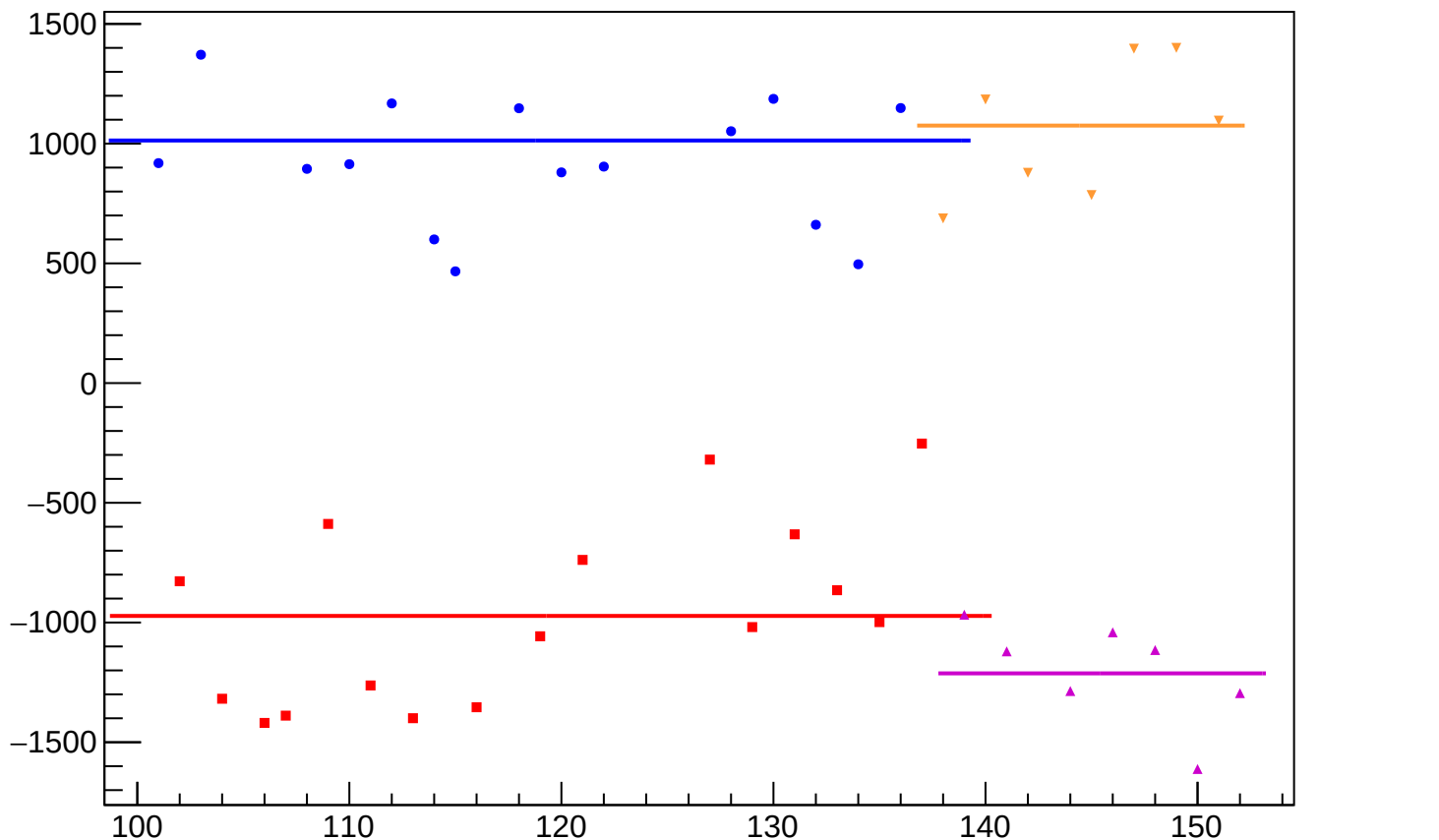
All: 101.432+/-0.000 χ^2/NDF : 358739100449

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 329.108 +/- 0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 139.266 +/- 0.000 χ^2/NDF : 704700469444769049436502250542333952.0/6
 Right Out: -326.695 +/- 0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Left In: -151.130 +/- 0.000 χ^2/NDF : 845387015527902092700176016794976256.0/6
 All: -8.902 +/- 0.000 χ^2/NDF : 3711785216299

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -143.623 ± 0.000 $\chi^2/\text{NDF}: 152968352170606$

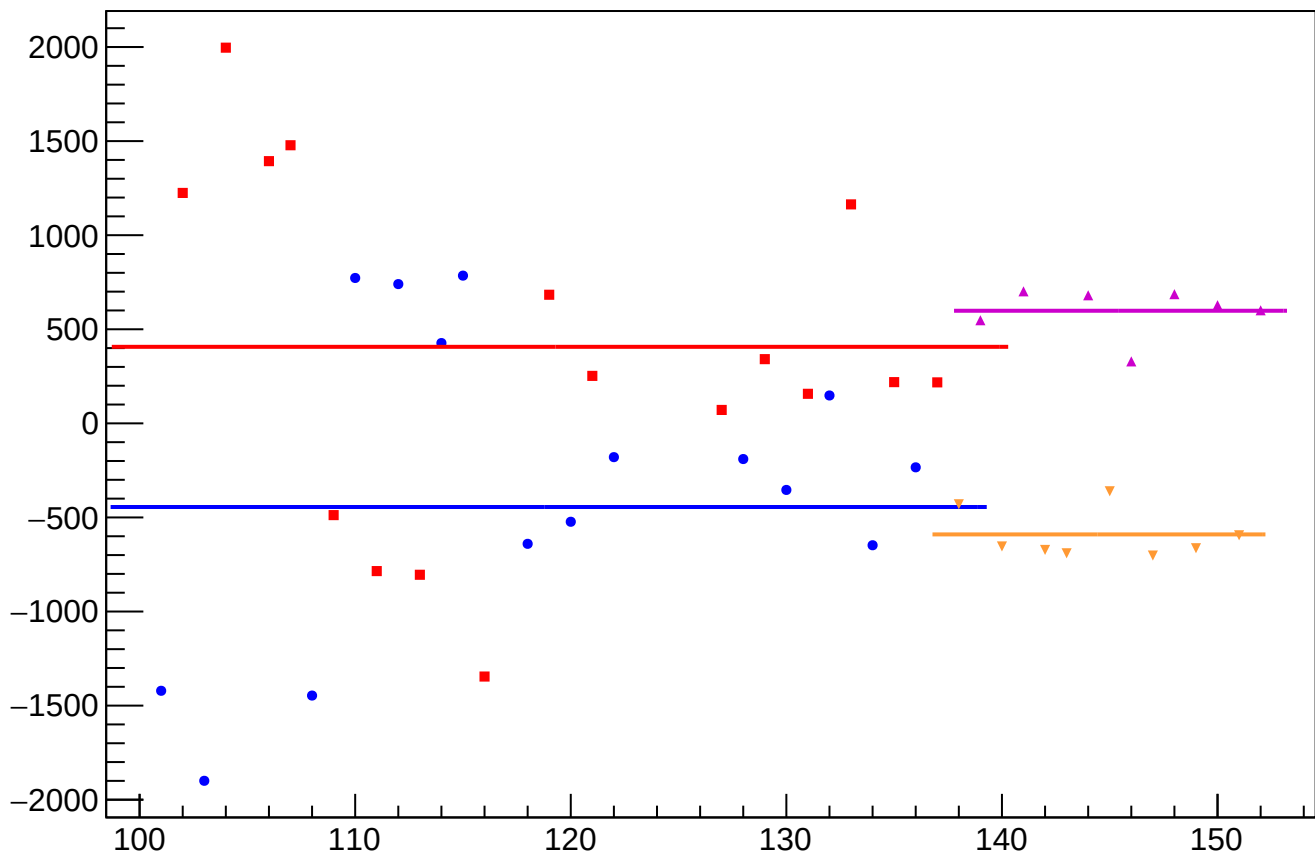
Right: 6.761 ± 0.000 $\chi^2/\text{NDF}: 14074954421733032$

In: -55.950 ± 0.000 $\chi^2/\text{NDF}: 16002822426064709$

Out: -69.523 ± 0.000 $\chi^2/\text{NDF}: 1350507545291191$

All: -62.581 ± 0.000 $\chi^2/\text{NDF}: 295090220706$

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -590.173+/-0.000

χ^2/NDF : 9017625263648501075204475005538664448.0/7

Right Out: 406.729+/-0.000

χ^2/NDF : 529122421866774810012941782239129108480.0/15

Left In: 598.412+/-0.000

χ^2/NDF : 8455387938044947123409788333931364352.0/6

Left: 7.607+/-0.000 χ^2/NDF : 438806298410511280

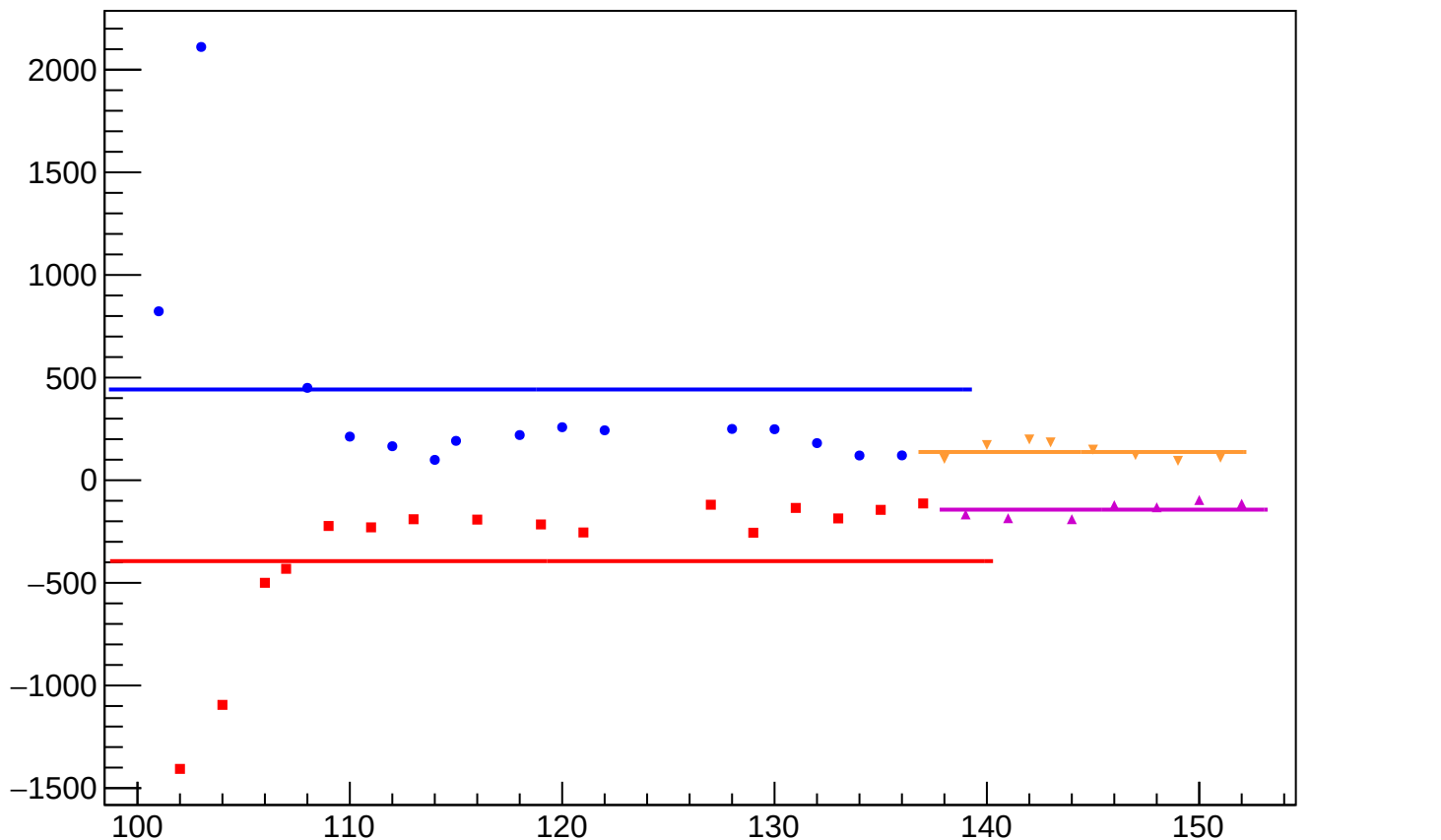
Right: -13.070+/-0.000 χ^2/NDF : 116395703795034

In: 56.492+/-0.000 χ^2/NDF : 744045958755177664

Out: -62.448+/-0.000 χ^2/NDF : 8501115511509069

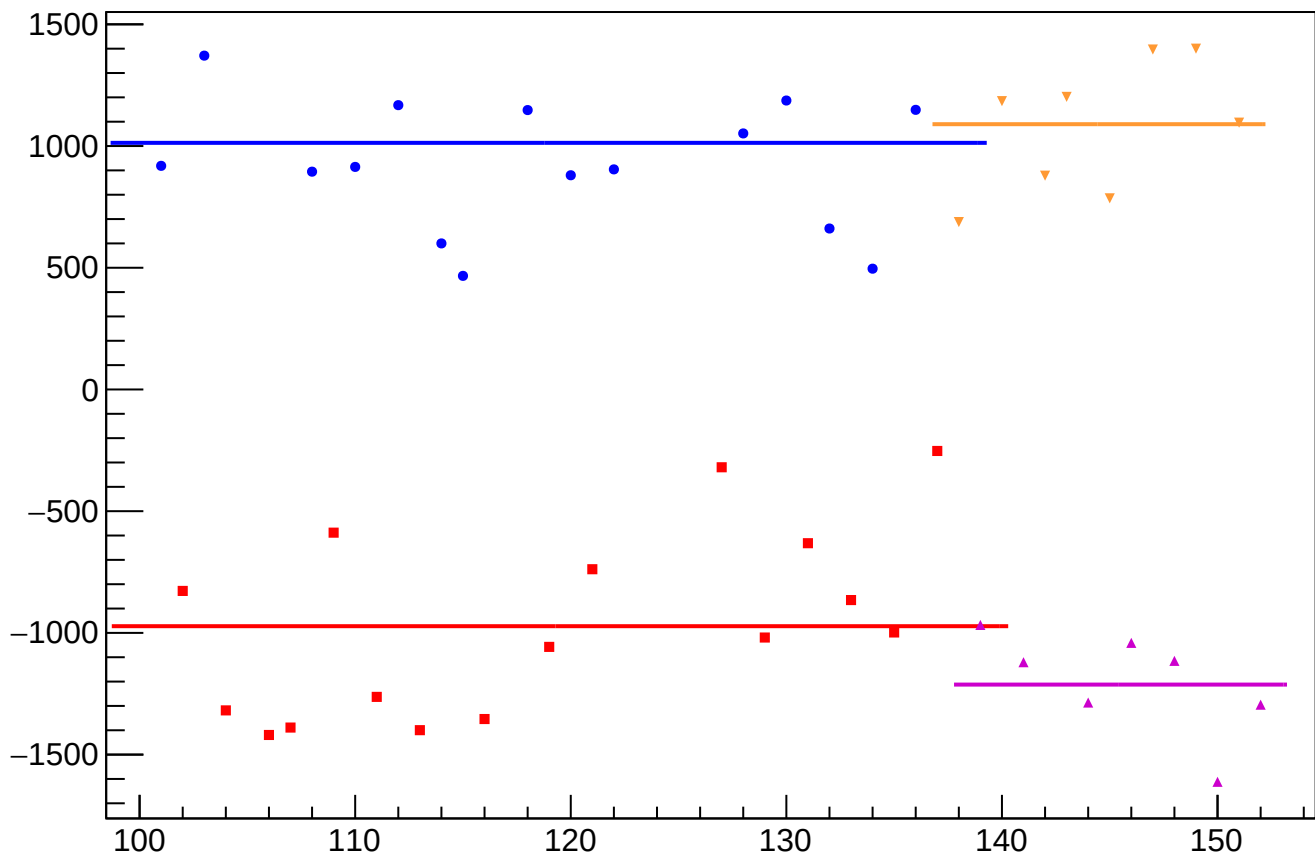
All: -3.238+/-0.000 χ^2/NDF : 1603030852750

dit_usr_coil6_err_mean vs Slug, Sign Corrected



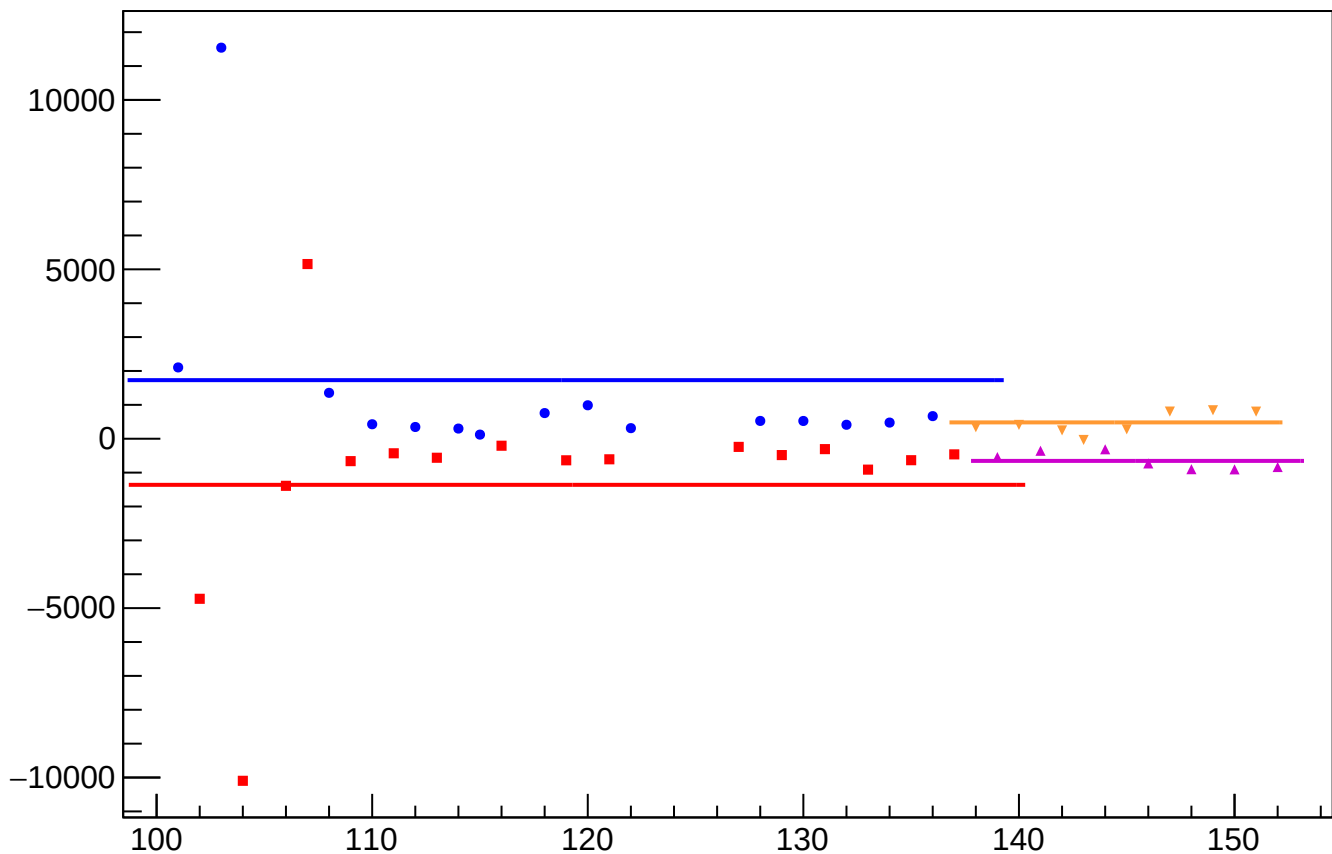
Right In: 442.162 ± 0.000 $\chi^2/\text{NDF}: 204015999343694089140945697316947361792.0/14$
 Left Out: 137.605 ± 0.000 $\chi^2/\text{NDF}: 745041943036754544644213823217074176.0/7$
 Right Out: -394.033 ± 0.000 $\chi^2/\text{NDF}: 105882611624182009489804426207740035072.0/15$
 Left In: -143.282 ± 0.000 $\chi^2/\text{NDF}: 706633401233566640081713402598129664.0/6$
 All: 7.881 ± 0.000 $\chi^2/\text{NDF}: 56518501244048$

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



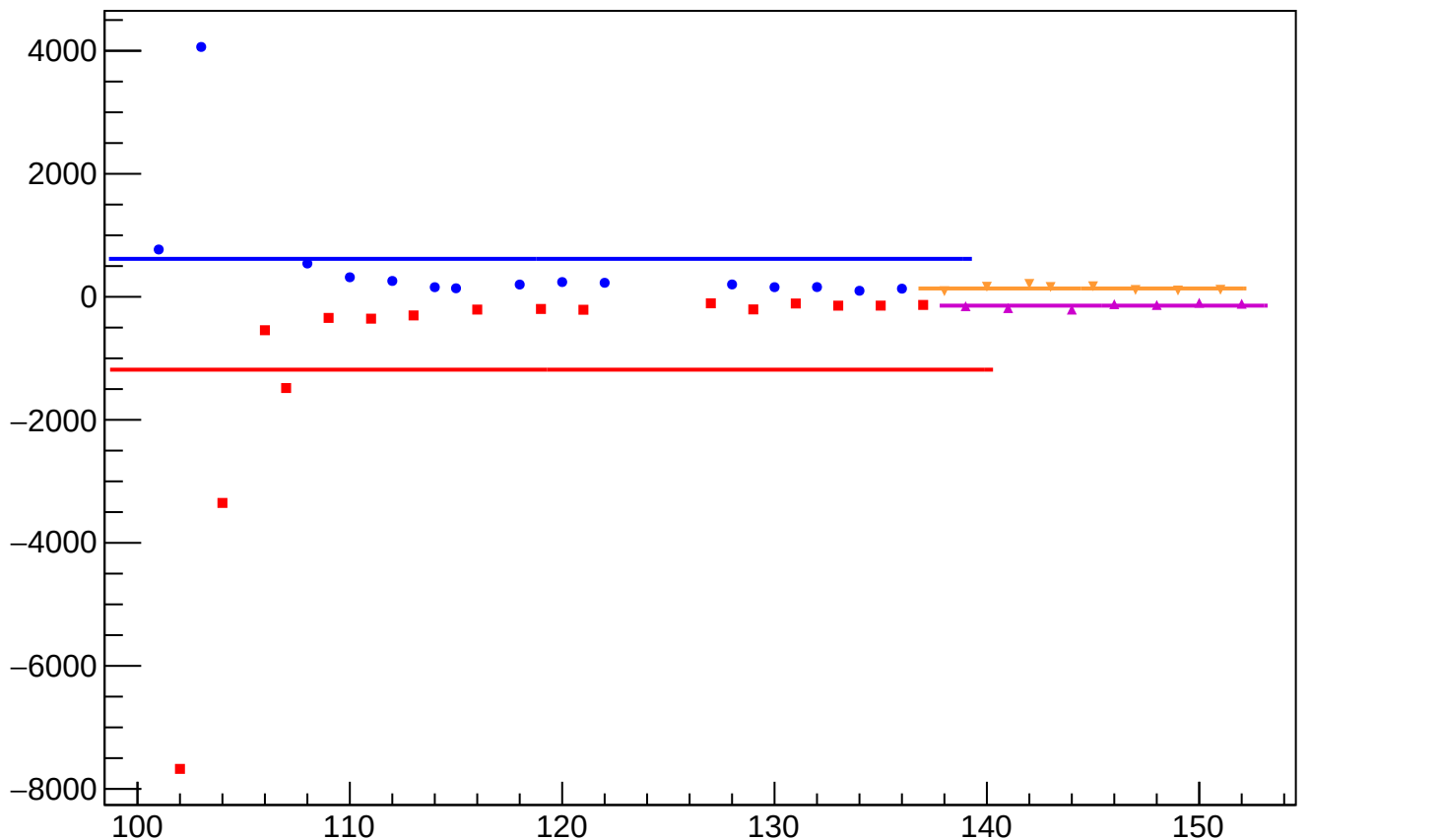
Left: -68.053 +/- 0.000 χ^2/NDF : 1644184766053052
 Right: 6.761 +/- 0.000 χ^2/NDF : 14074954421733032
 In: -55.950 +/- 0.000 χ^2/NDF : 16002822426064709
 Out: -1.911 +/- 0.000 χ^2/NDF : 14530687187344676
 All: -28.812 +/- 0.000 χ^2/NDF : 305518259268

dit_atl1_coil6_mean vs Slug, Sign Corrected



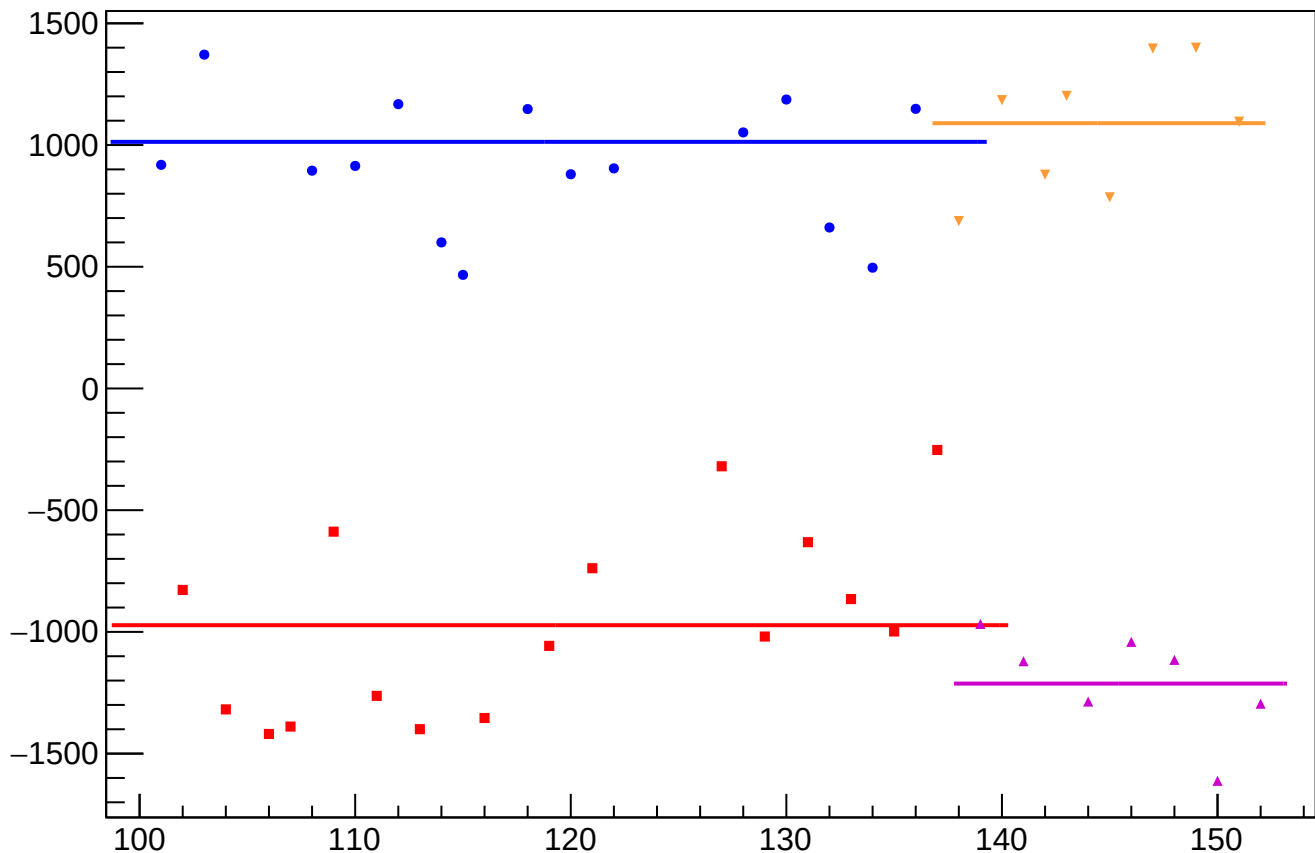
Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 481.970+/-0.000 χ^2/NDF : 52545249546165723378857466741192130560.0/7
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: -654.290+/-0.000 χ^2/NDF : 33134802800907290342706437806832484352.0/6
 All: 42.899+/-0.000 χ^2/NDF : 1649591623473

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -4.495 +/- 0.000 χ^2/NDF : 24893147696522680
 Right In: 617.343 +/- 0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Right: -295.811 +/- 0.000 χ^2/NDF : 50275218393015
 Left Out: 135.959 +/- 0.000 χ^2/NDF : 786419213876207937235570944387317760.0/7
 In: 251.937 +/- 0.000 χ^2/NDF : 9736003684678571
 Right Out: -1184.322 +/- 0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Out: -562.951 +/- 0.000 χ^2/NDF : 371540498665924
 Left In: -143.310 +/- 0.000 χ^2/NDF : 846605663709347297279984988351102976.0/6
 All: -157.293 +/- 0.000 χ^2/NDF : 51055185584

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: -68.053+/-0.000 χ^2/NDF : 1644184766053052

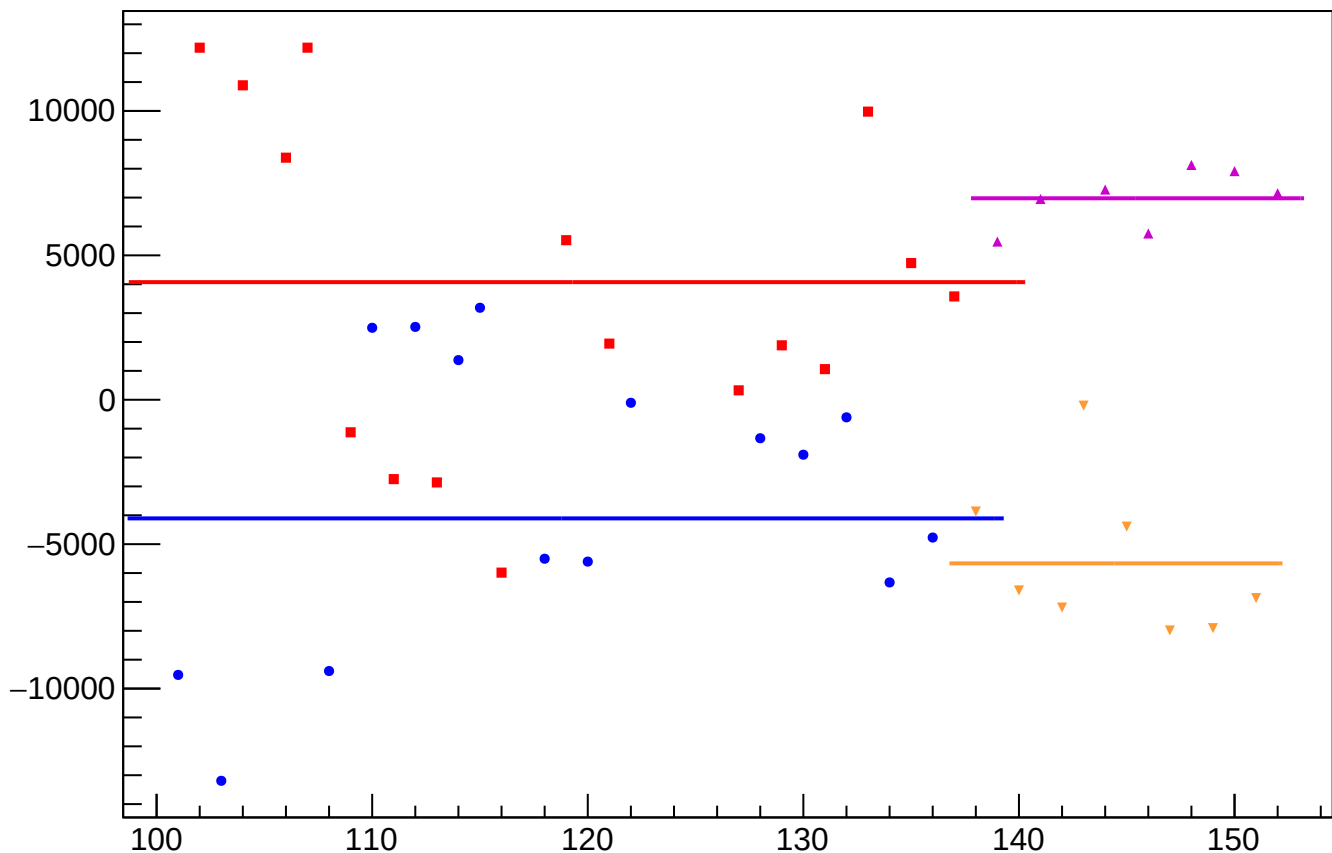
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: -1.911+/-0.000 χ^2/NDF : 14530687187344676

All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443 +/- 0.000

Left: 692.179 +/- 0.000 χ^2/NDF : 5168649979895557

Left Out: -5665.815 +/- 0.000

Right: 38.278 +/- 0.000 χ^2/NDF : 5690231407009786

Right Out: 4072.120 +/- 0.000

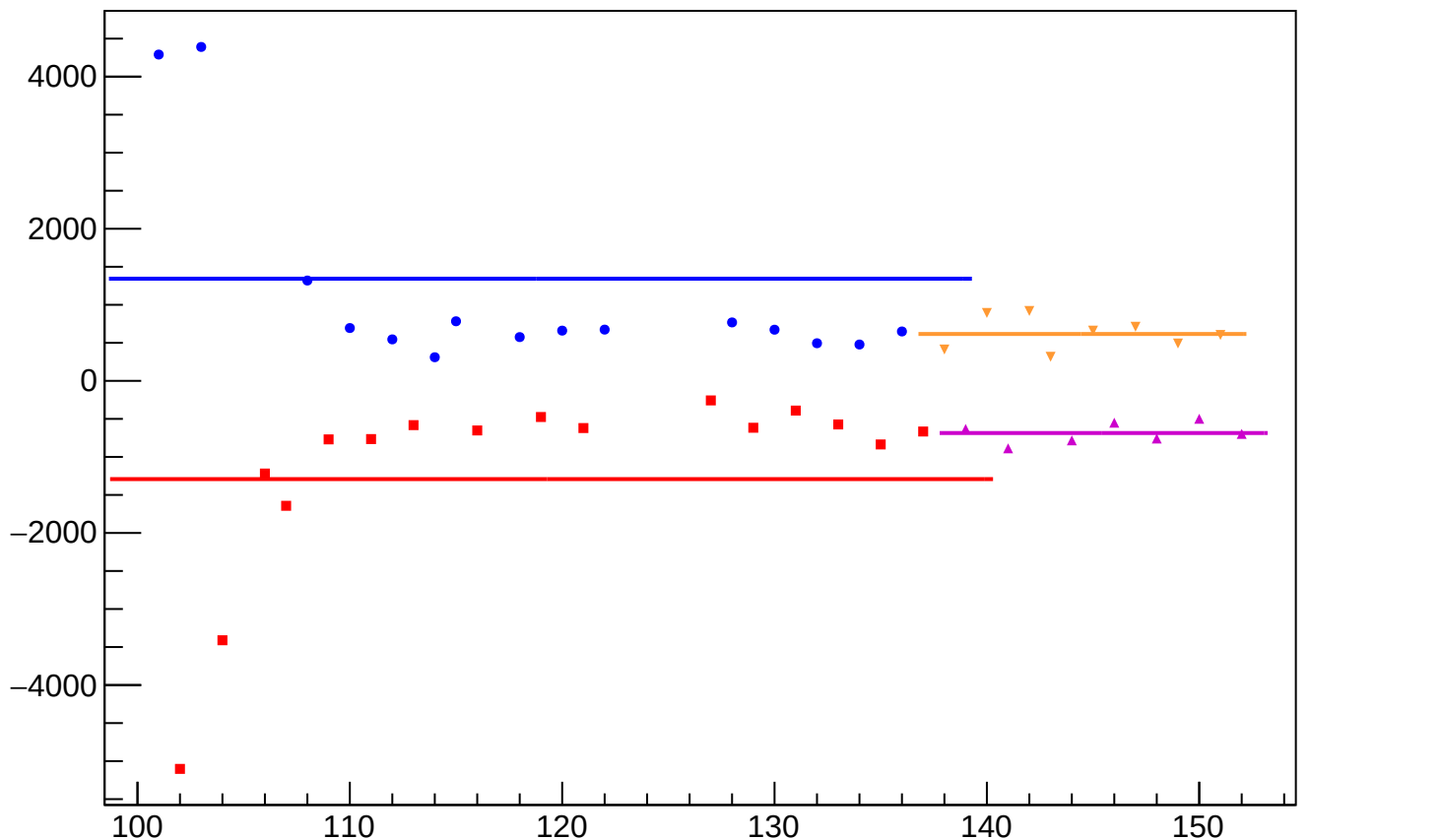
In: 1216.868 +/- 0.000 χ^2/NDF : 5333441023368353

Left In: 6975.997 +/- 0.000

Out: -510.893 +/- 0.000 χ^2/NDF : 536495604944742

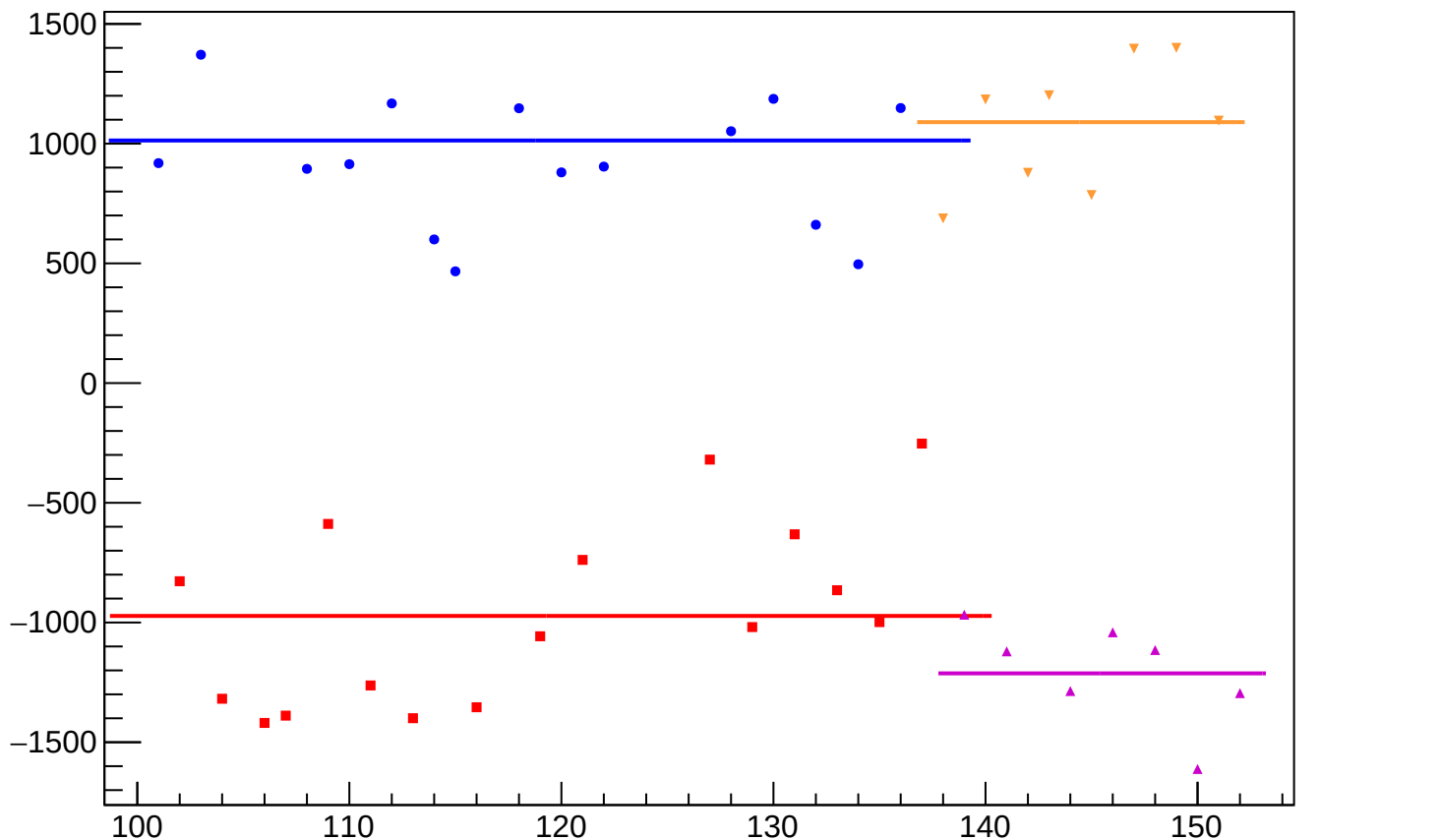
All: 349.200 +/- 0.000 χ^2/NDF : 108856373564

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



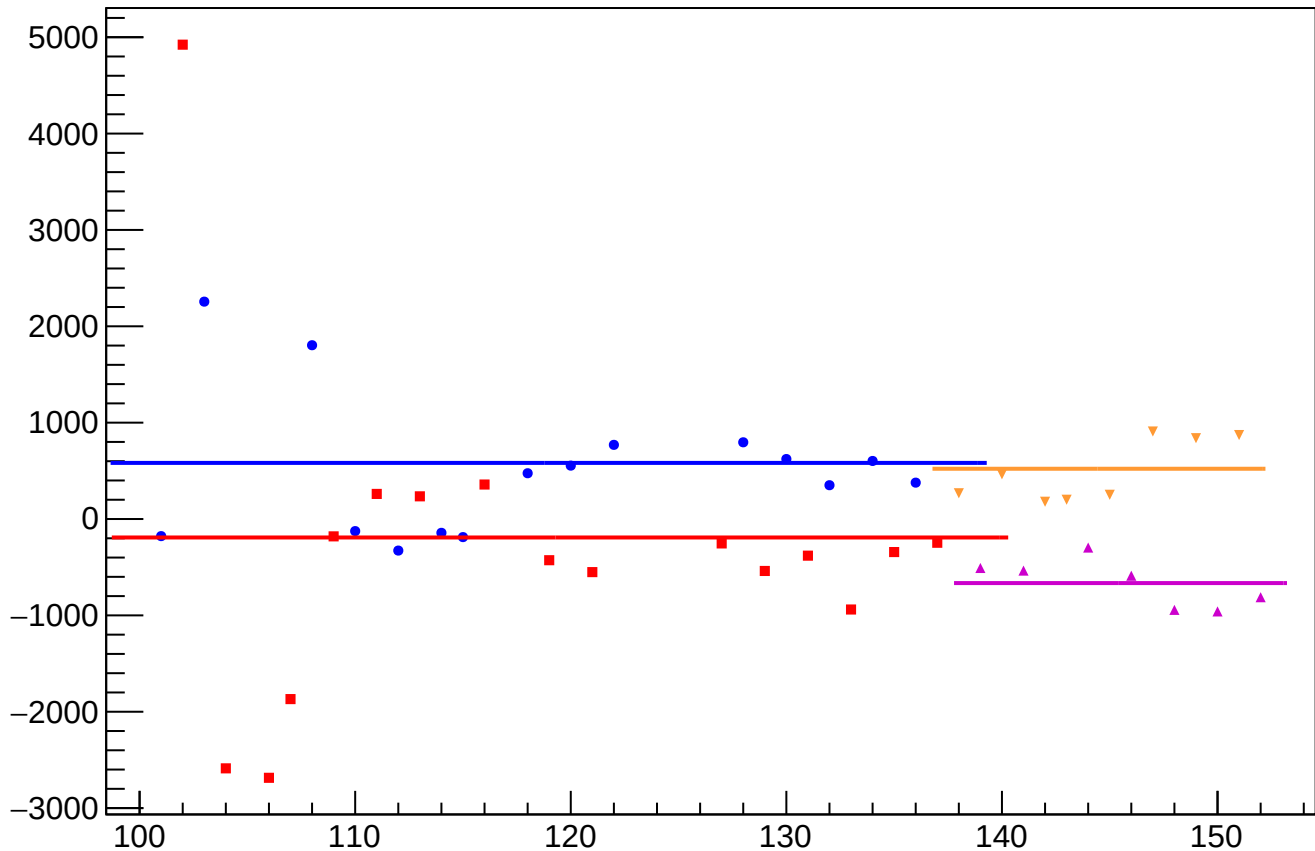
Left: -38.649+/-0.000 χ^2/NDF : 5374418574759816
 Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 616.337+/-0.000 χ^2/NDF : 21932237990734053987665235254496460800.0/7
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -685.993+/-0.000 χ^2/NDF : 9675819525034394930118176615077773312.0/6
 All: -14.317+/-0.000 χ^2/NDF : 546393288661

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -68.053 +/- 0.000 χ^2/NDF : 1644184766053052
 Right: 6.761 +/- 0.000 χ^2/NDF : 14074954421733032
 In: -55.950 +/- 0.000 χ^2/NDF : 16002822426064709
 Out: -1.911 +/- 0.000 χ^2/NDF : 14530687187344676
 All: -28.812 +/- 0.000 χ^2/NDF : 305518259268

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 582.390+/-0.000

χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 521.622+/-0.000

χ^2/NDF : 53081873387771516754362966360750817280.0/7

Right Out: -191.587+/-0.000

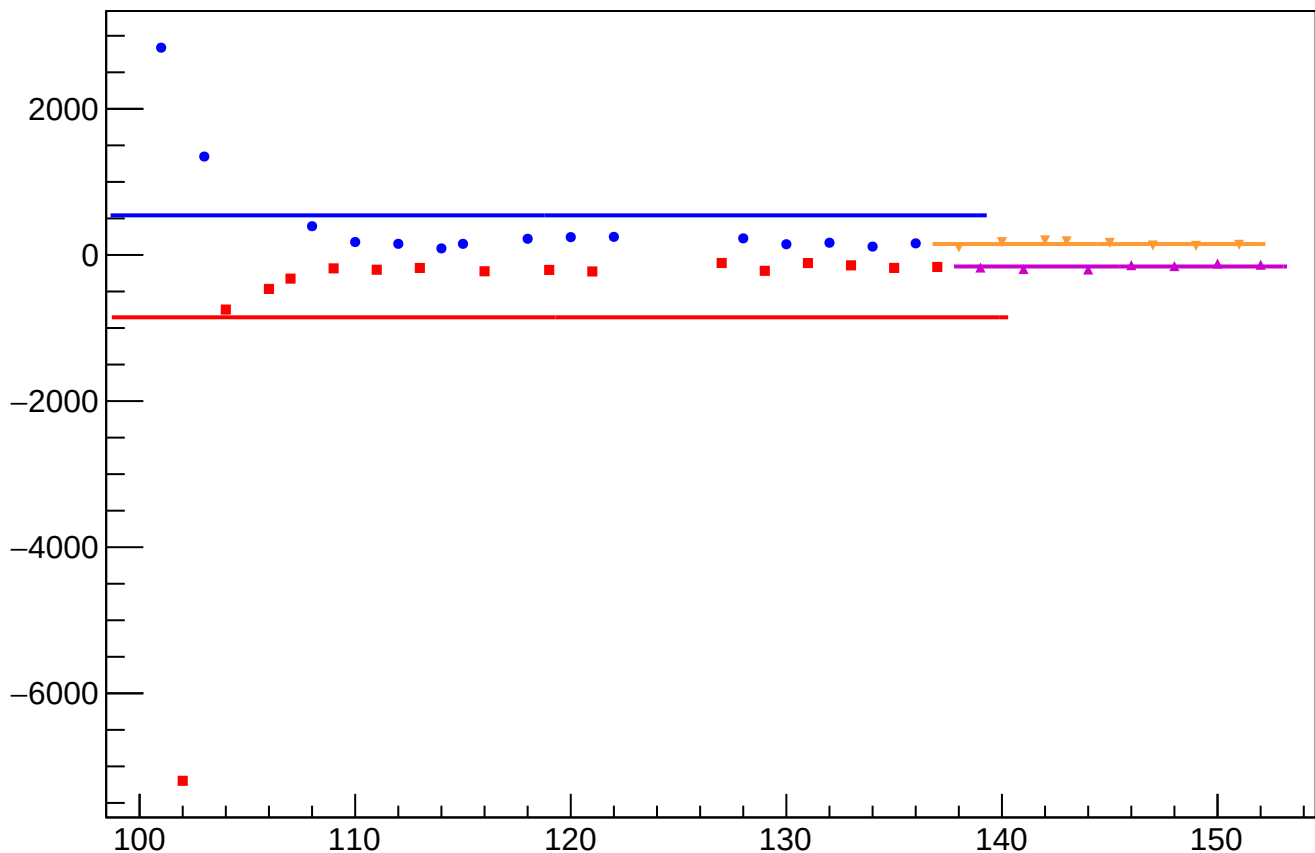
χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: -664.805+/-0.000

χ^2/NDF : 32230264088806086209955932129086930944.0/6

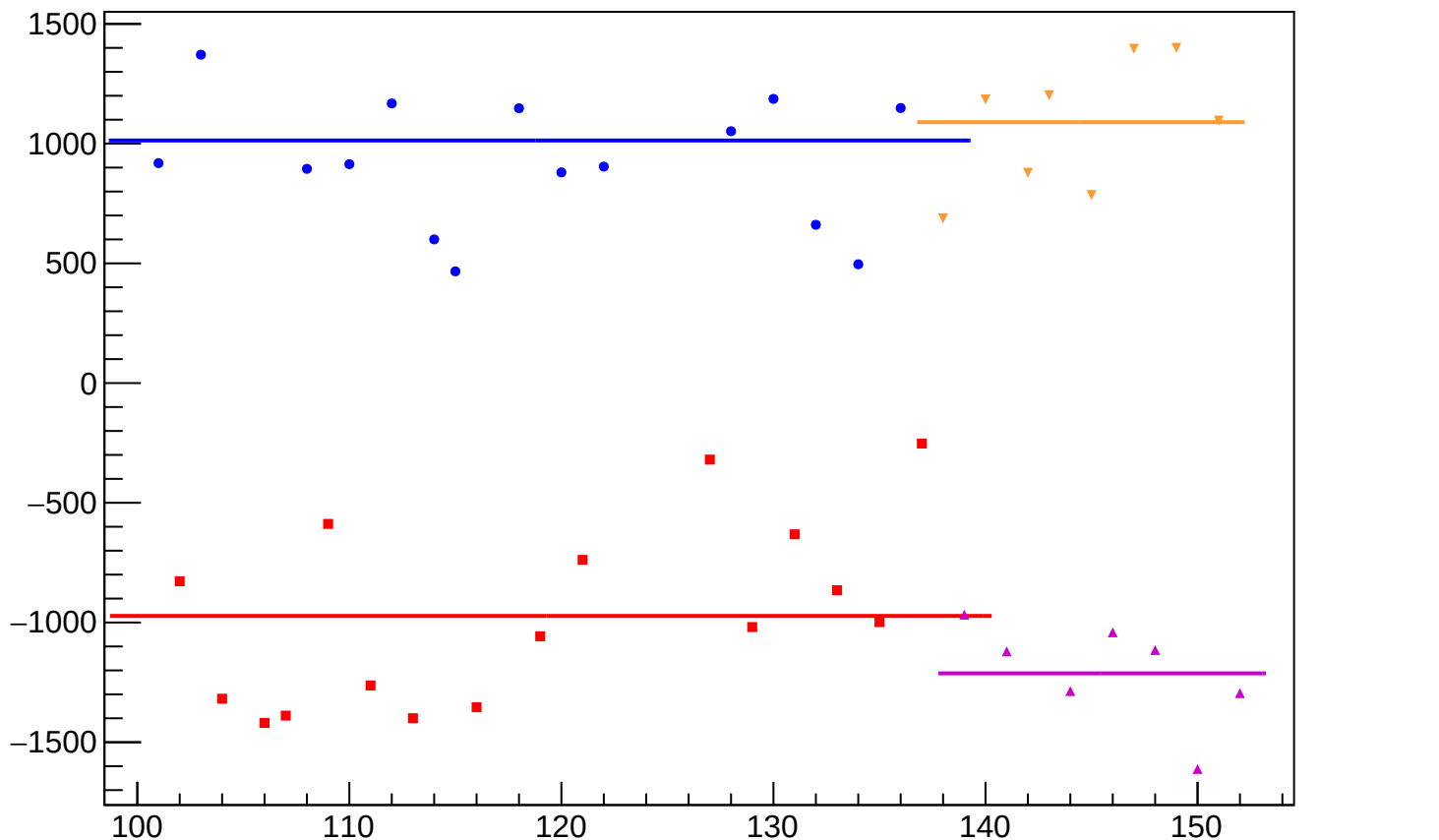
All: 64.018+/-0.000 χ^2/NDF : 3253726002445

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



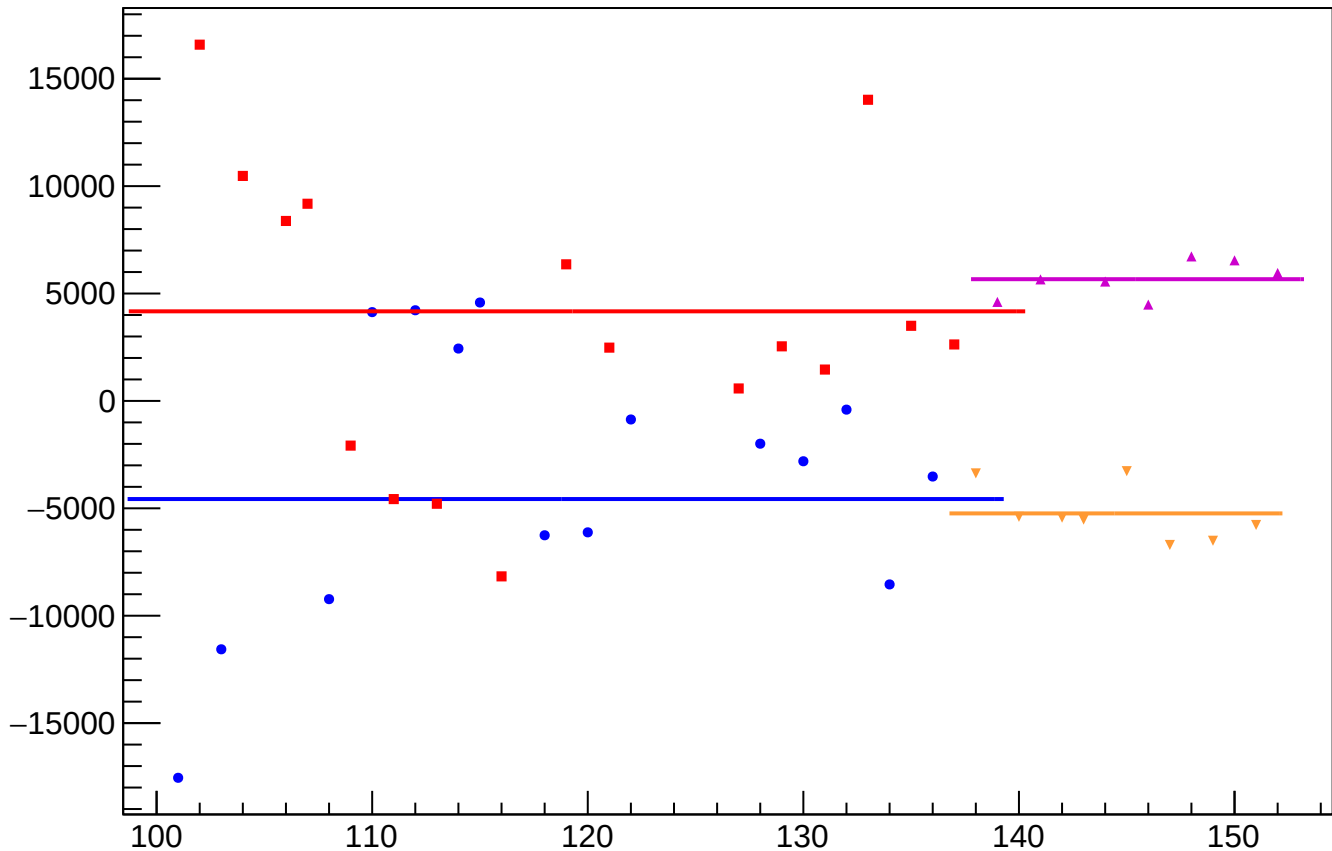
Left: -5.002 +/- 0.000 χ^2/NDF : 29166338830381069
 Right In: 542.328 +/- 0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Right: -164.982 +/- 0.000 χ^2/NDF : 36290648240362
 Left Out: 149.434 +/- 0.000 χ^2/NDF : 539318120983453721509391467085299712.0/7
 In: 206.076 +/- 0.000 χ^2/NDF : 5676354111428325
 Right Out: -853.203 +/- 0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Out: -381.327 +/- 0.000 χ^2/NDF : 289018718303079
 Left In: -157.636 +/- 0.000 χ^2/NDF : 505288070943231278737918669757612032.0/6
 All: -88.913 +/- 0.000 χ^2/NDF : 367424610608

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1089.757 $\pm$ 0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7
 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: -28.812 $\pm$ 0.000 χ^2/NDF : 305518259268

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

Left Out: -5237.052+/-0.000

Right Out: 4170.773+/-0.000

Left In: 5667.266+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

χ^2/NDF : 920078464296159538360938363232913981440.0/7

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

χ^2/NDF : 379436048765950753677205158328851759104.0/6

Left: 247.098+/-0.000 χ^2/NDF : 3676146096245963

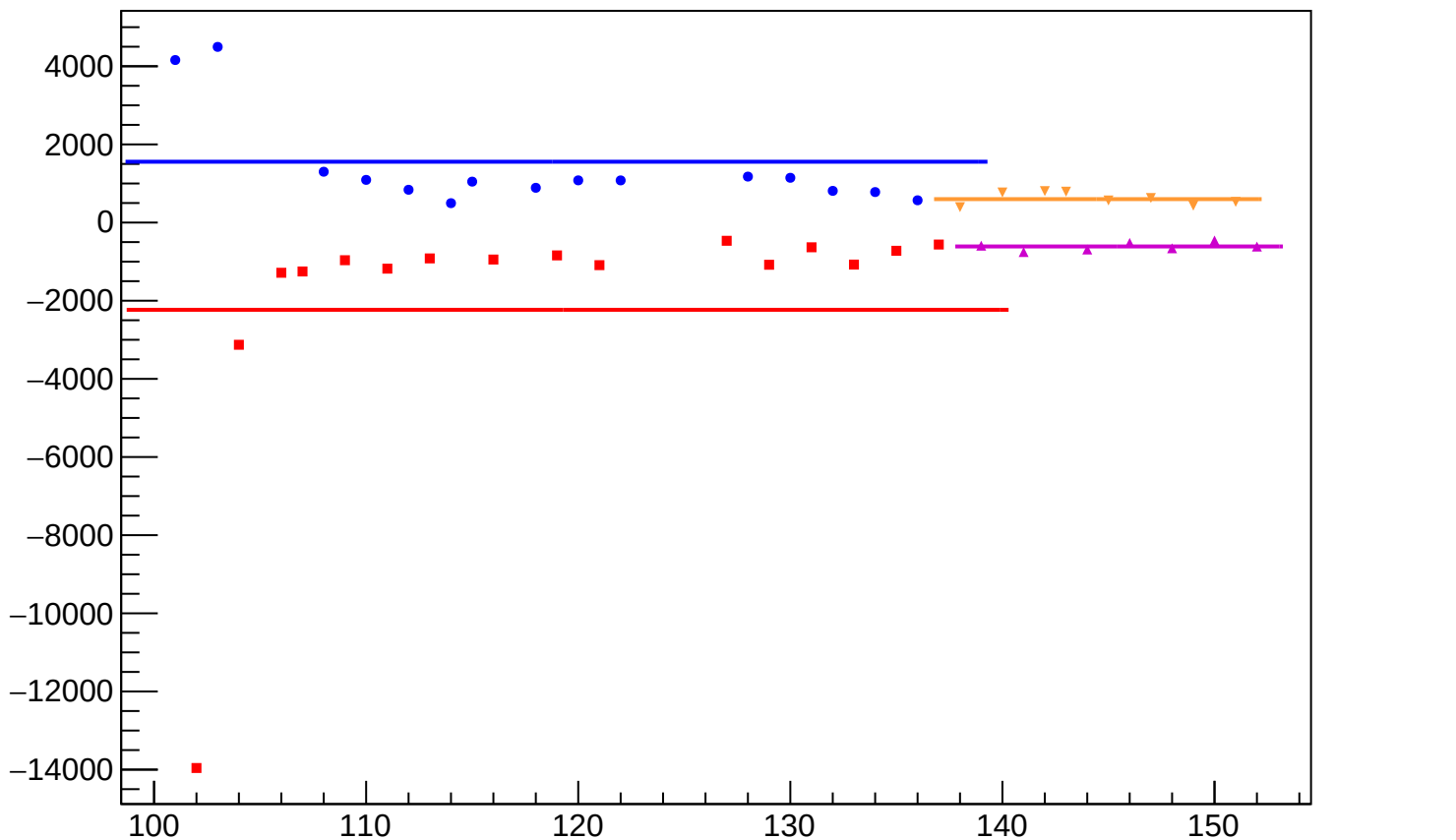
Right: -138.996+/-0.000 χ^2/NDF : 80283768430562

In: 348.707+/-0.000 χ^2/NDF : 57237556497955703

Out: -256.878+/-0.000 χ^2/NDF : 596709221853491

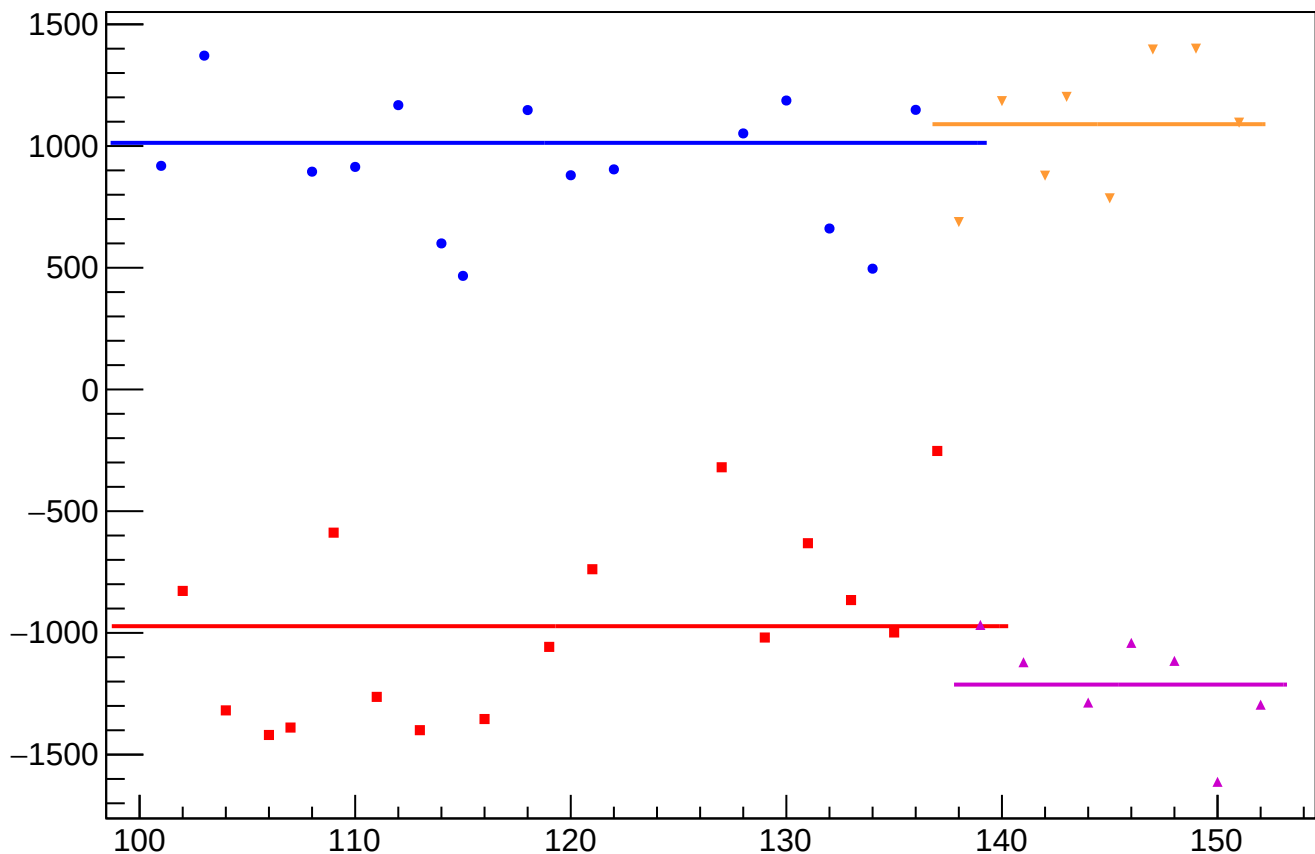
All: 44.587+/-0.000 χ^2/NDF : 1171385080490

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 599.519+/-0.000 χ^2/NDF : 12944072563962553817944170209759723520.0/7
 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: -195.375+/-0.000 χ^2/NDF : 15387094679

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1089.757+/-0.000

Right Out: -972.465+/-0.000

Left In: -1212.355+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 39185736443320245411683779286881271808.0/7

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 24411830353682588528377693132289998848.0/6

Left: -68.053+/-0.000 χ^2/NDF : 1644184766053052

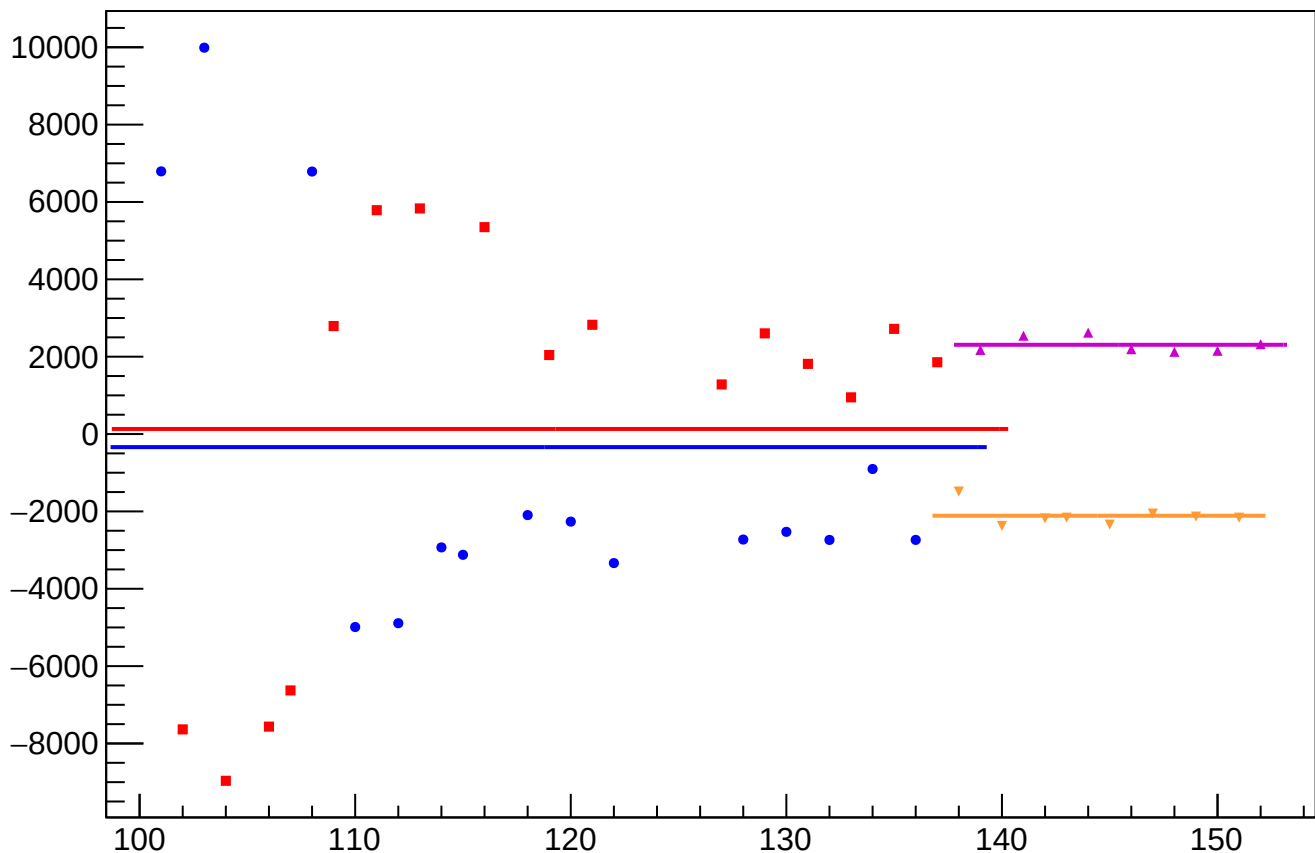
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -55.950+/-0.000 χ^2/NDF : 16002822426064709

Out: -1.911+/-0.000 χ^2/NDF : 14530687187344676

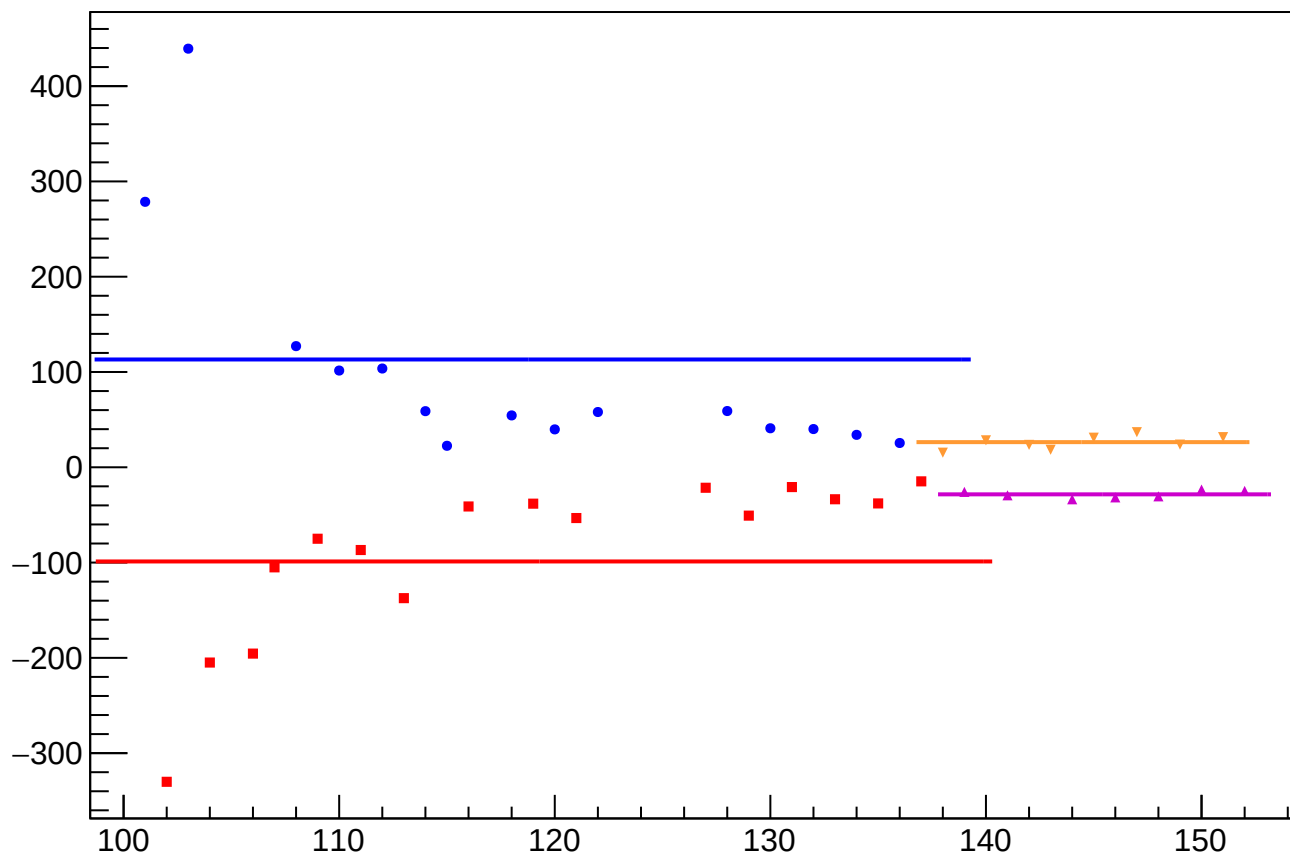
All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_sam1_coil6_mean vs Slug, Sign Corrected



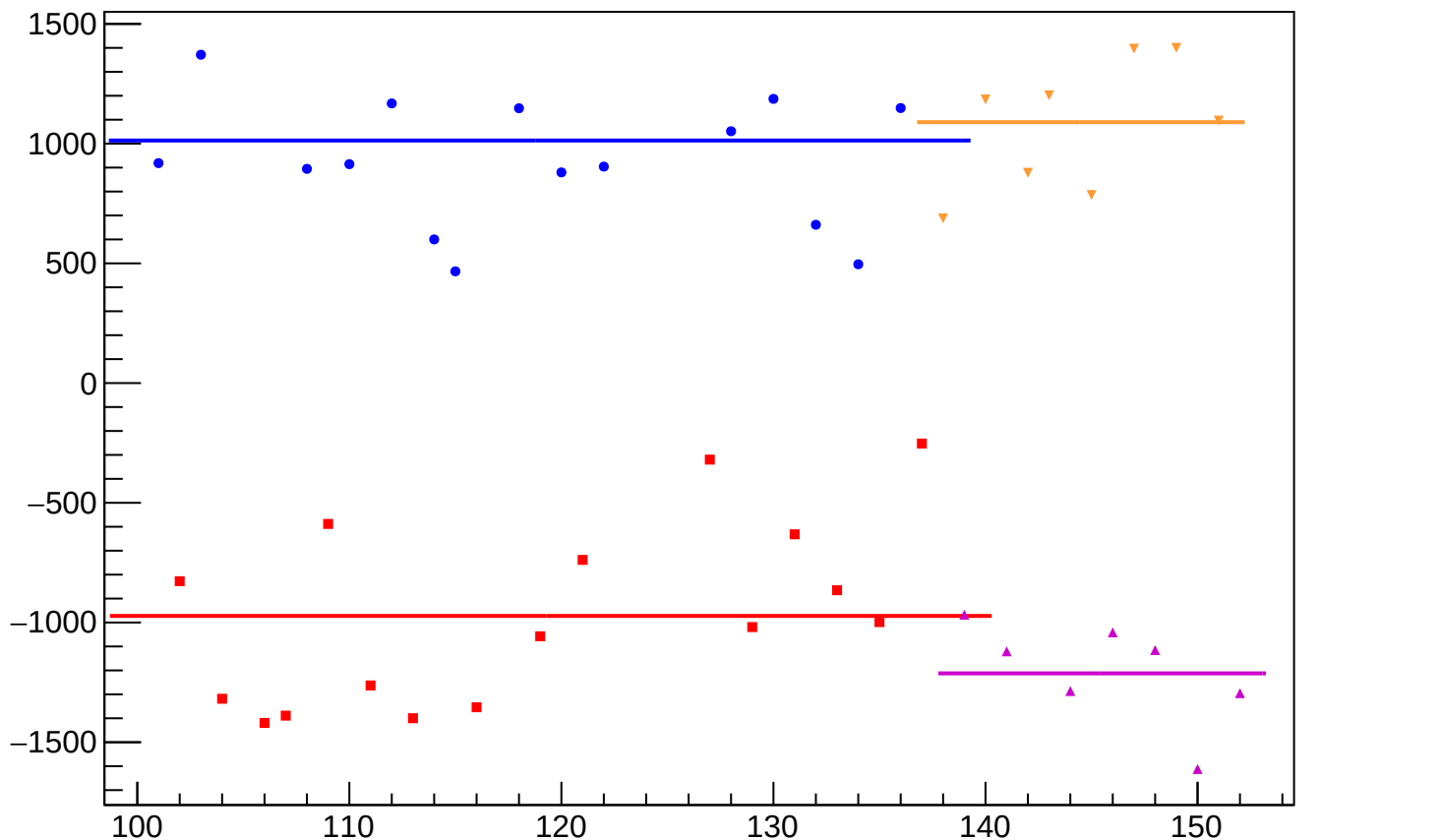
Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2111.509+/-0.000 χ^2/NDF : 41319028590818077138363369161138110464.0/7
 Right Out: 131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: 2307.856+/-0.000 χ^2/NDF : 20940827133163358000601398379880120320.0/6
 All: 0.421+/-0.000 χ^2/NDF : 37613212133865

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -1.164 +/- 0.000 χ^2/NDF : 93058852614874542
 Right: 5.701 +/- 0.000 χ^2/NDF : 30279176036436111
 In: 45.143 +/- 0.000 χ^2/NDF : 162427299232243728
 Out: -39.897 +/- 0.000 χ^2/NDF : 1046051346934254
 All: 2.436 +/- 0.000 χ^2/NDF : 31239254779182

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000

χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: -972.465+/-0.000

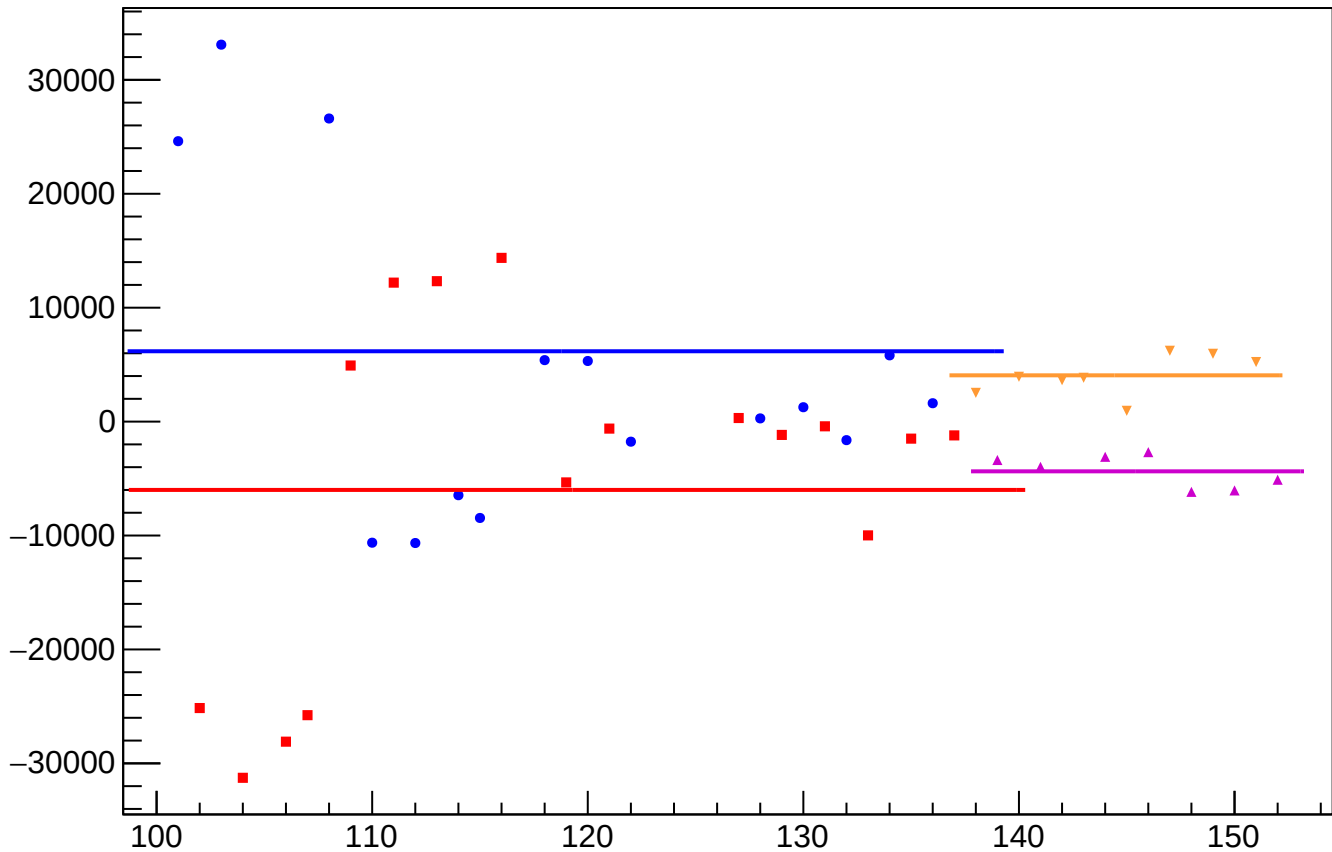
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1212.355+/-0.000

χ^2/NDF : 24411830353682588528377693132289998848.0/6

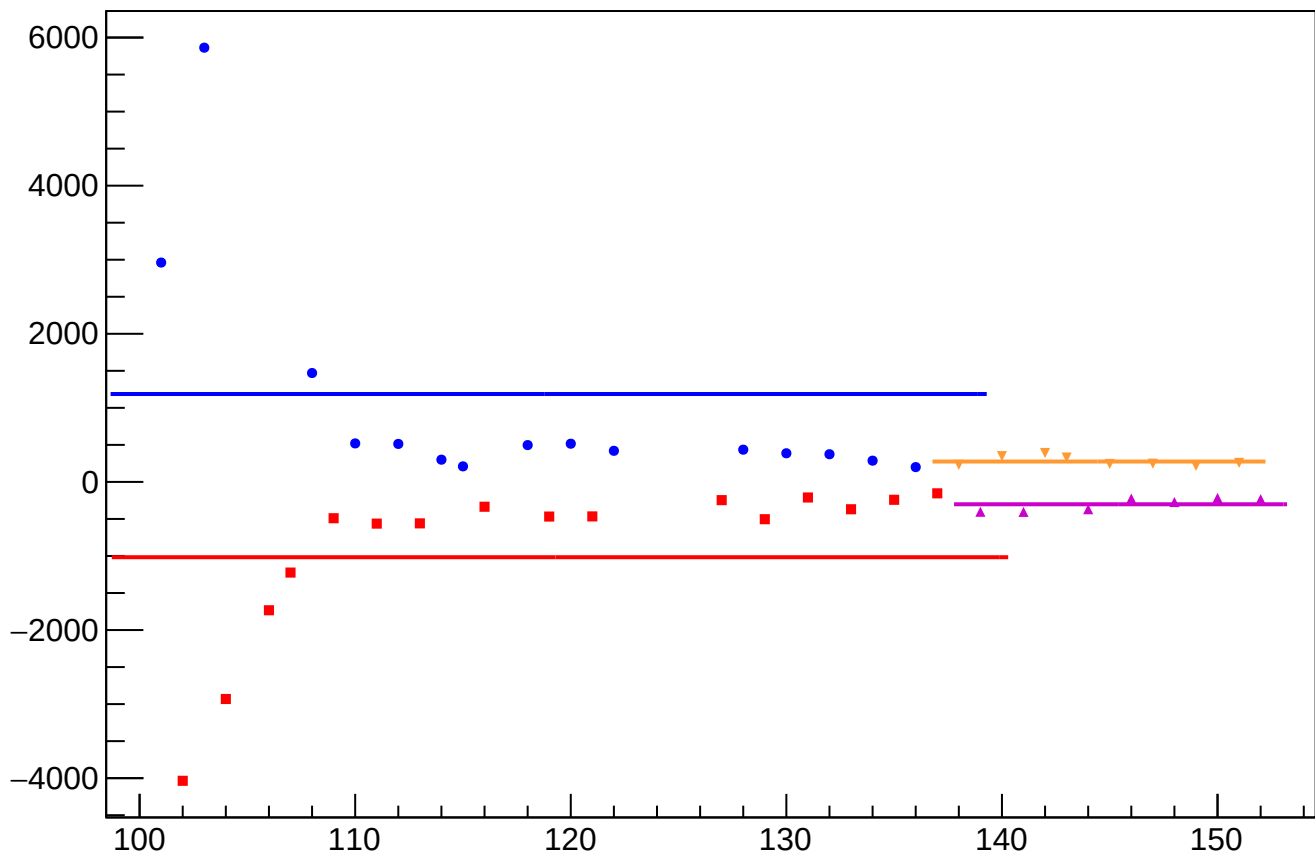
All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_sam2_coil6_mean vs Slug, Sign Corrected



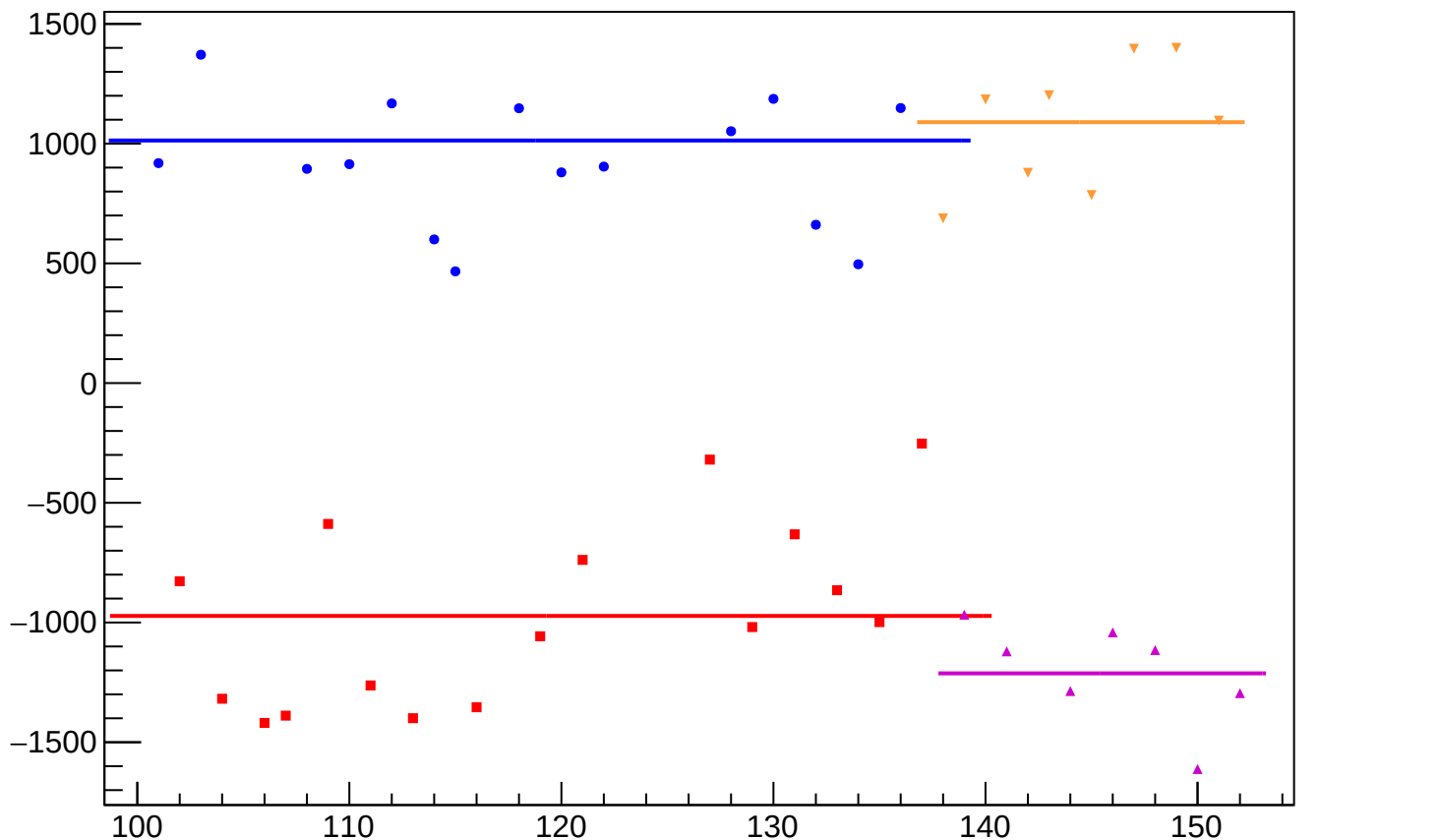
Left: -175.762 +/- 0.000 χ^2/NDF : 239859093824892
 Right: 6.138 +/- 0.000 χ^2/NDF : 30305507427747676
 In: 1111.946 +/- 0.000 χ^2/NDF : 1529489027391327
 Out: -1262.243 +/- 0.000 χ^2/NDF : 17057718771071
 All: -80.353 +/- 0.000 χ^2/NDF : 327061688062

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 275.350+/-0.000 χ^2/NDF : 1857166411539565770679742708035092480.0/7
 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: 29.585+/-0.000 χ^2/NDF : 4430882267919

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000

χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: -972.465+/-0.000

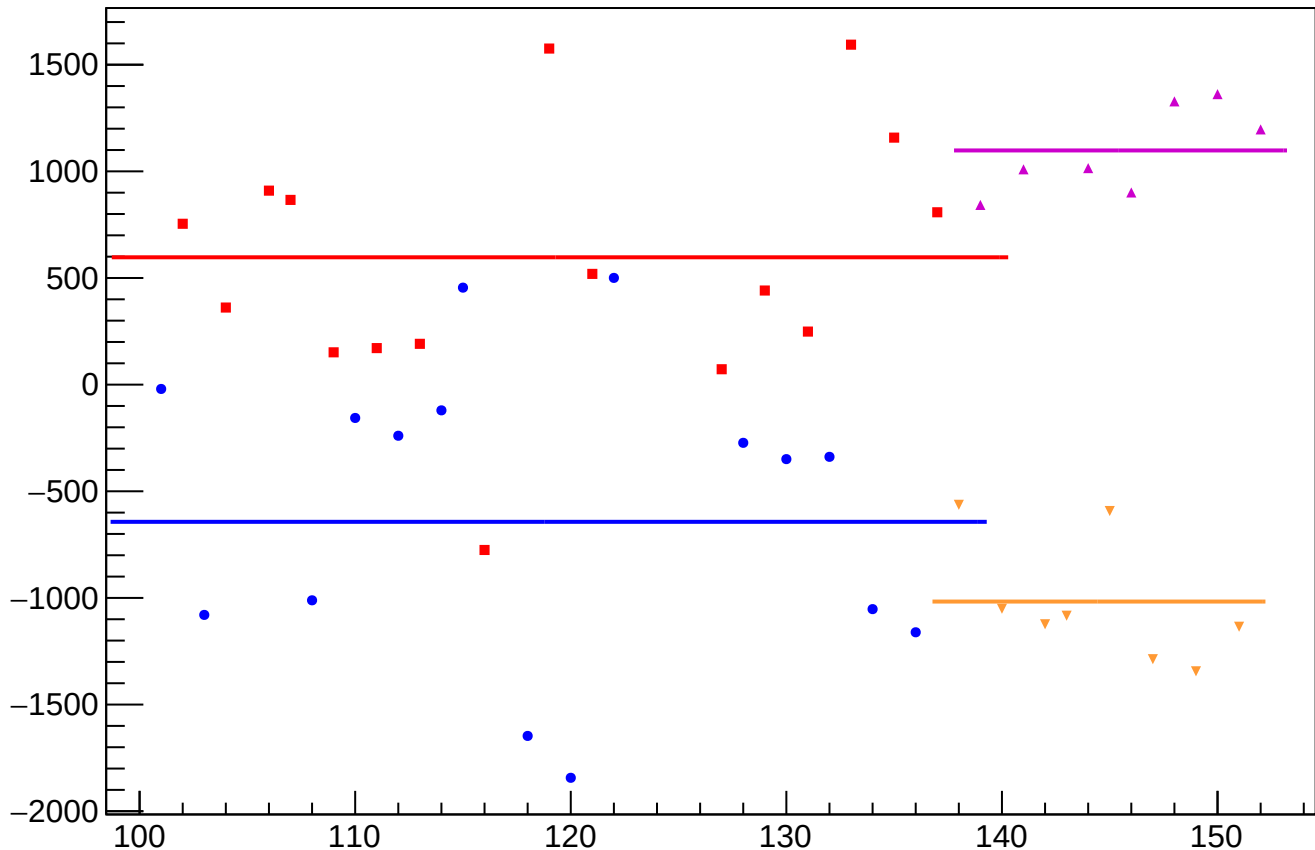
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1212.355+/-0.000

χ^2/NDF : 24411830353682588528377693132289998848.0/6

All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1017.023+/-0.000

χ^2/NDF : 47309995061044136946252473353782689792.0/7

Right Out: 597.043+/-0.000

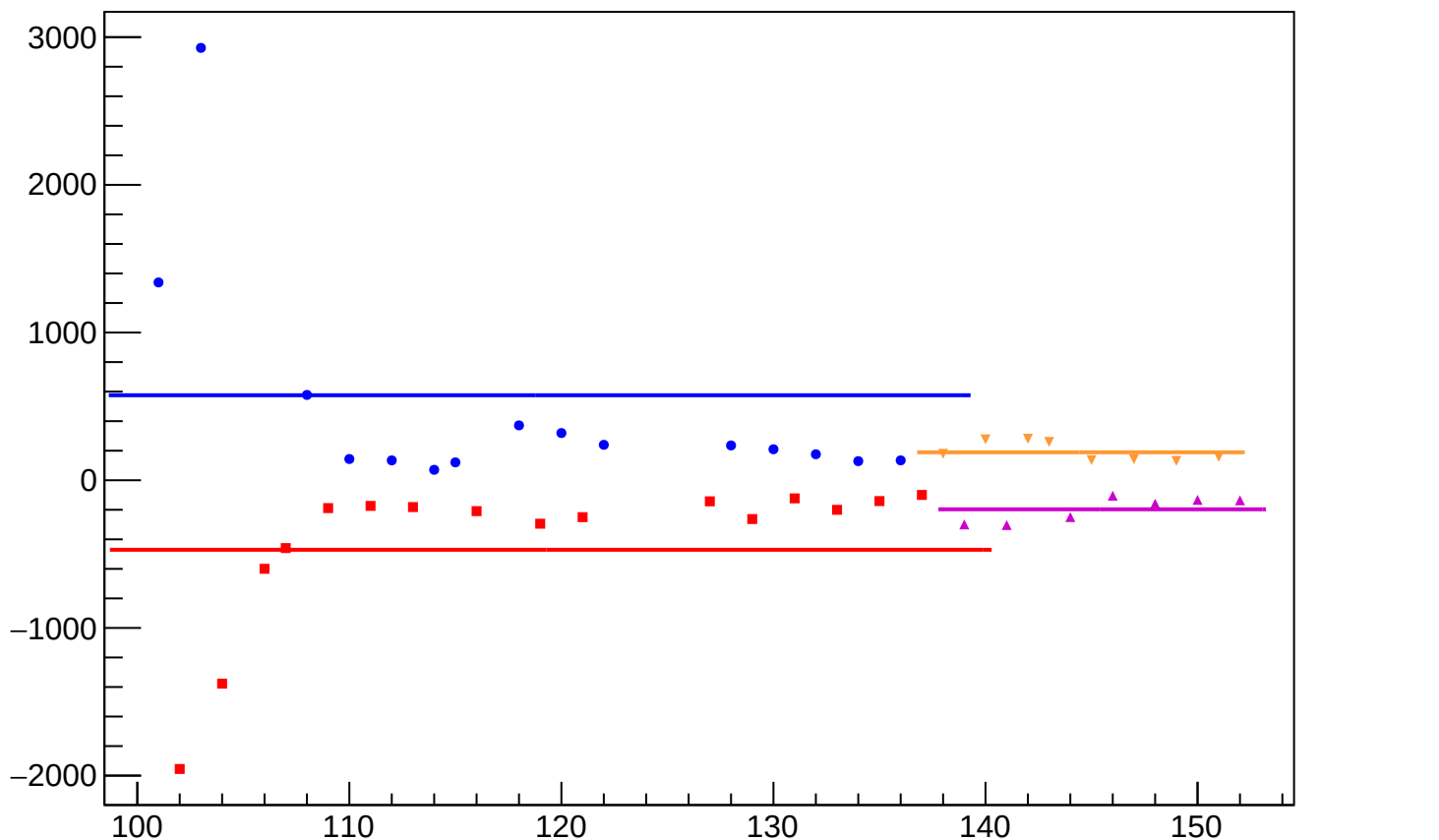
χ^2/NDF : 210733370798031449363504004319005376512.0/15

Left In: 1098.022+/-0.000

χ^2/NDF : 21419360620851738051094638546913329152.0/6

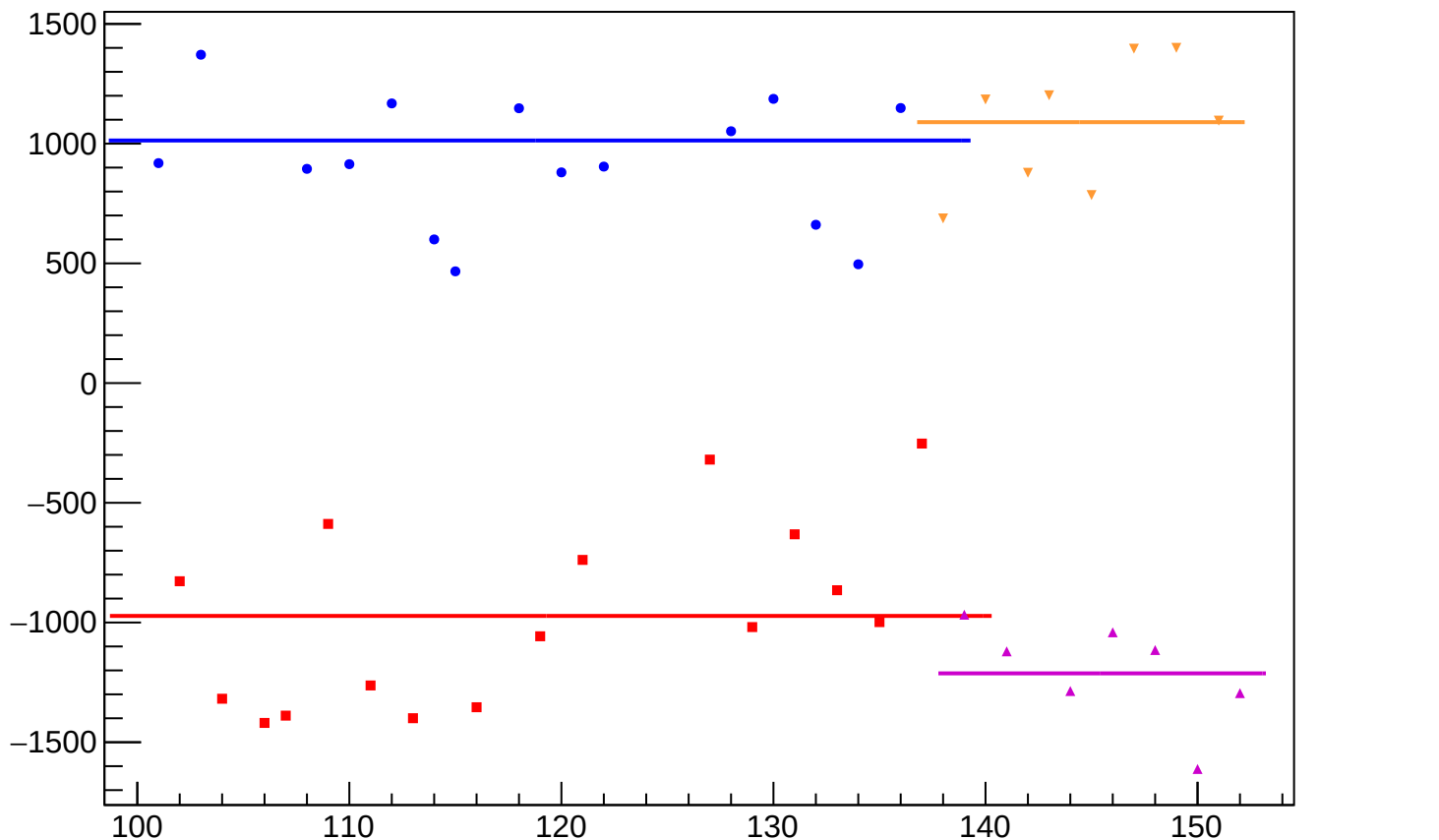
All: 14.547+/-0.000 χ^2/NDF : 2394679241603

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



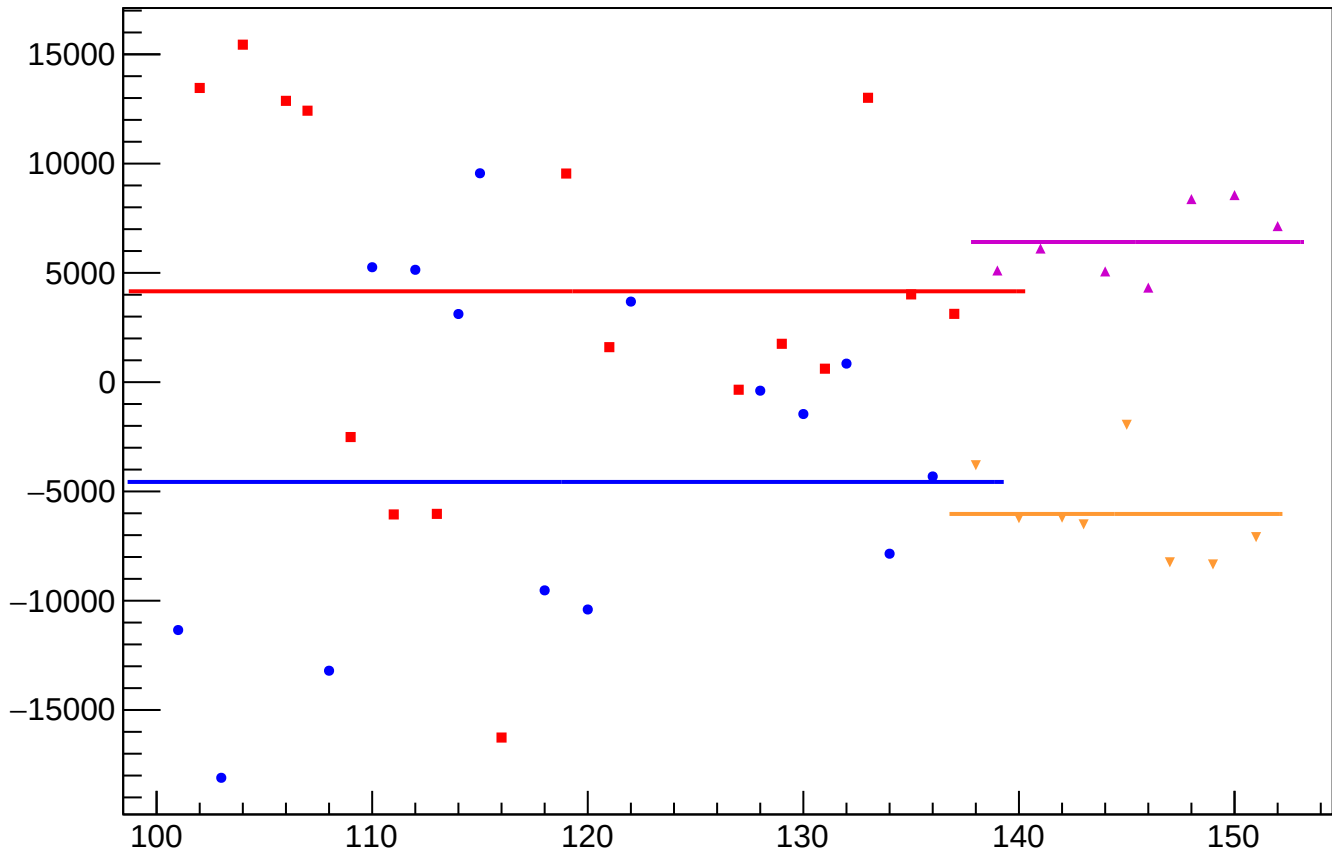
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 189.204+/-0.000 χ^2/NDF : 2113440683466377391803760594013650944.0/7
 Right Out: -470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: -196.788+/-0.000 χ^2/NDF : 3579486427049550633253987274146709504.0/6
 All: 21.393+/-0.000 χ^2/NDF : 1053756855242

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	Left: -68.053+/-0.000	χ^2/NDF : 1644184766053052
Left Out: 1089.757+/-0.000	χ^2/NDF : 39185736443320245411683779286881271808.0/7	Right: 6.761+/-0.000	χ^2/NDF : 14074954421733032
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	In: -55.950+/-0.000	χ^2/NDF : 16002822426064709
Left In: -1212.355+/-0.000	χ^2/NDF : 24411830353682588528377693132289998848.0/6	Out: -1.911+/-0.000	χ^2/NDF : 14530687187344676
		All: -28.812+/-0.000	χ^2/NDF : 305518259268

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000

Left Out: -6030.187+/-0.000

Right Out: 4156.859+/-0.000

Left In: 6412.903+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

χ^2/NDF : 2672219789718123861136654993976037736448.0/7

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 1457182662372450117780607449437852139520.0/6

Left: 227.863+/-0.000 χ^2/NDF : 5030600303615289

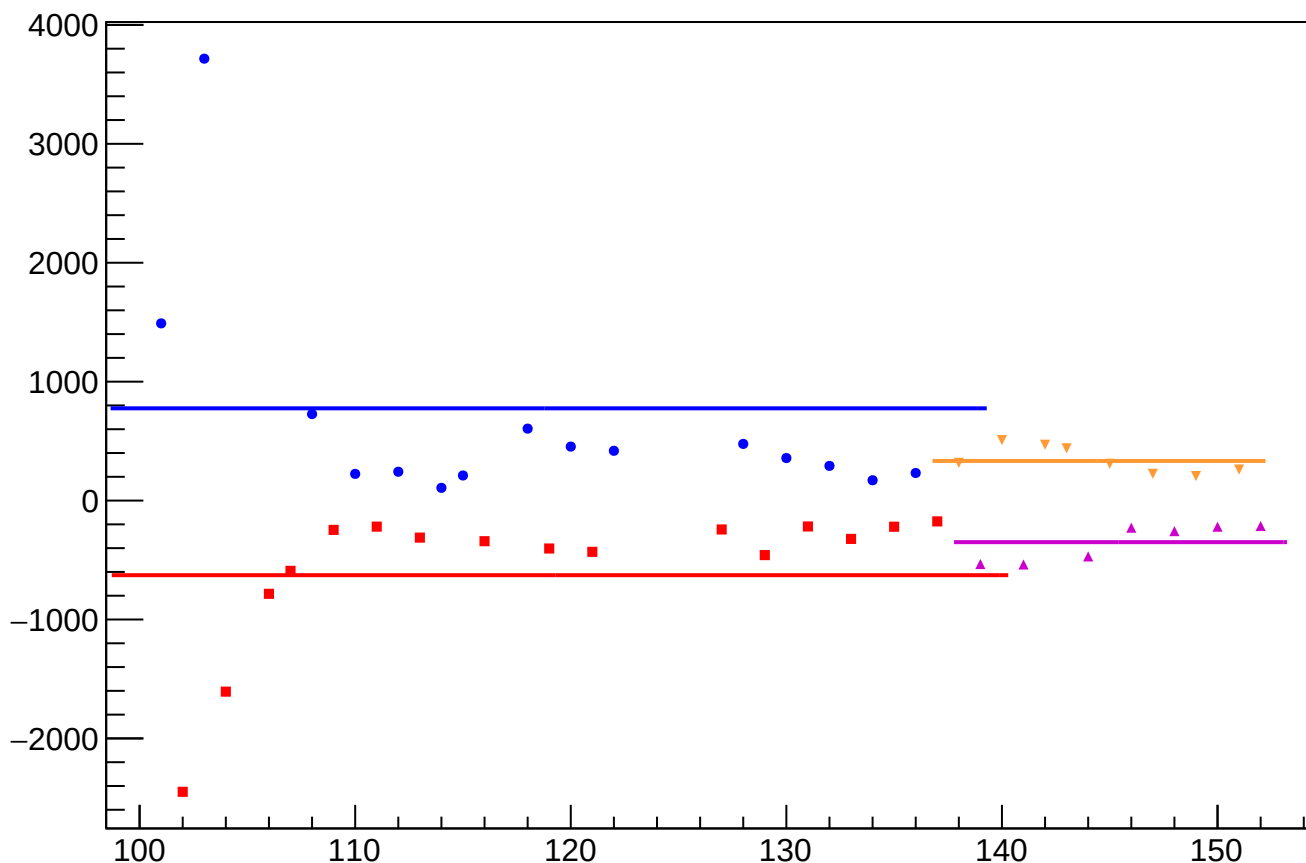
Right: -144.626+/-0.000 χ^2/NDF : 10623220696347

In: 708.398+/-0.000 χ^2/NDF : 7470046179208915

Out: -637.521+/-0.000 χ^2/NDF : 807883292613899

All: 32.488+/-0.000 χ^2/NDF : 1566250306999

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000

χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 333.278+/-0.000

χ^2/NDF : 6873693803853560533375819323849834496.0/7

Right Out: -627.315+/-0.000

χ^2/NDF : 297517676171111924966086193860621369344.0/15

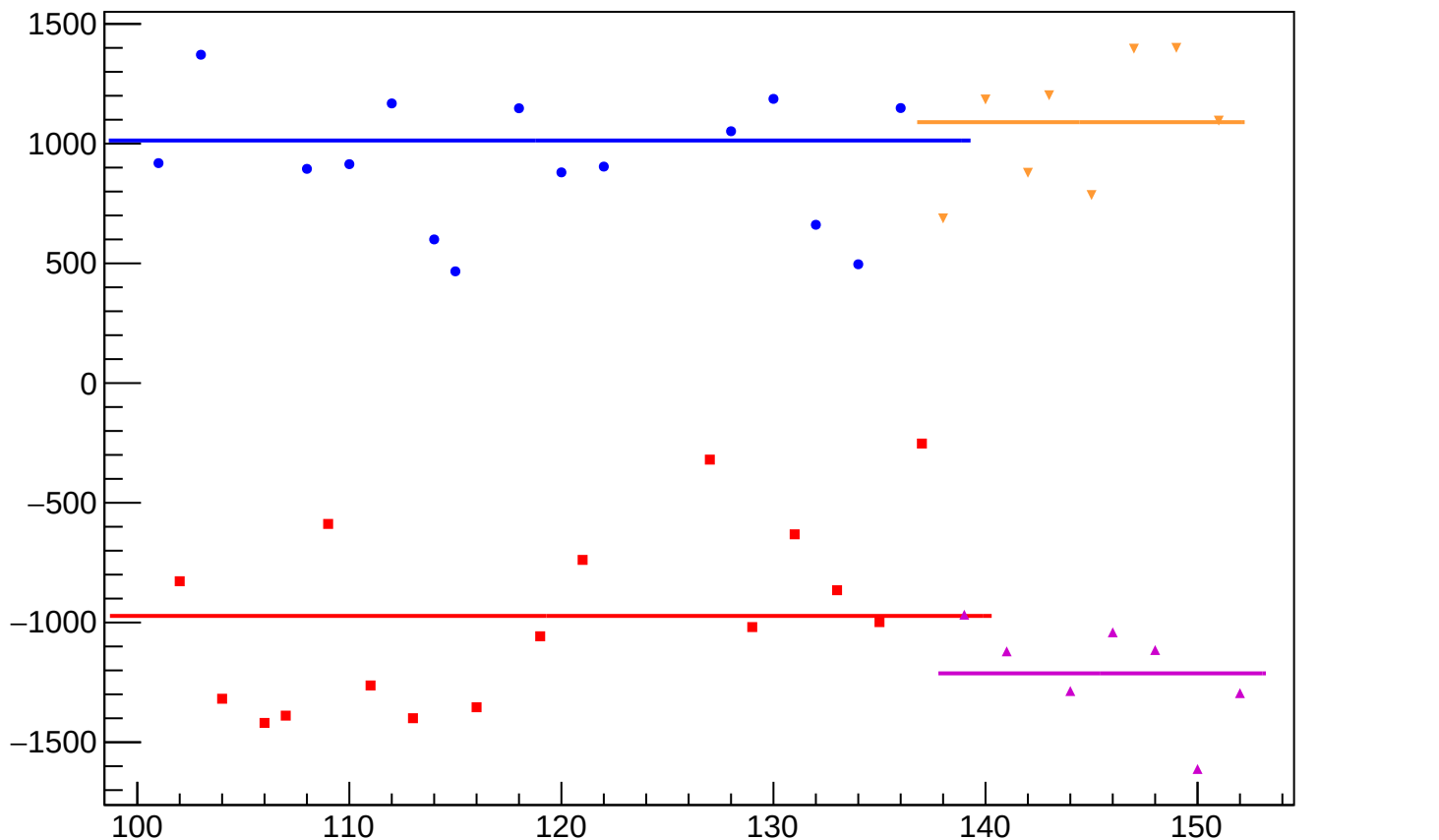
Left In: -349.590+/-0.000

χ^2/NDF : 12106387812983861977526591545919143936.0/6

All: 29.084+/-0.000

χ^2/NDF : 1748542489111

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1089.757+/-0.000

χ^2/NDF : 39185736443320245411683779286881271808.0/7

Right Out: -972.465+/-0.000

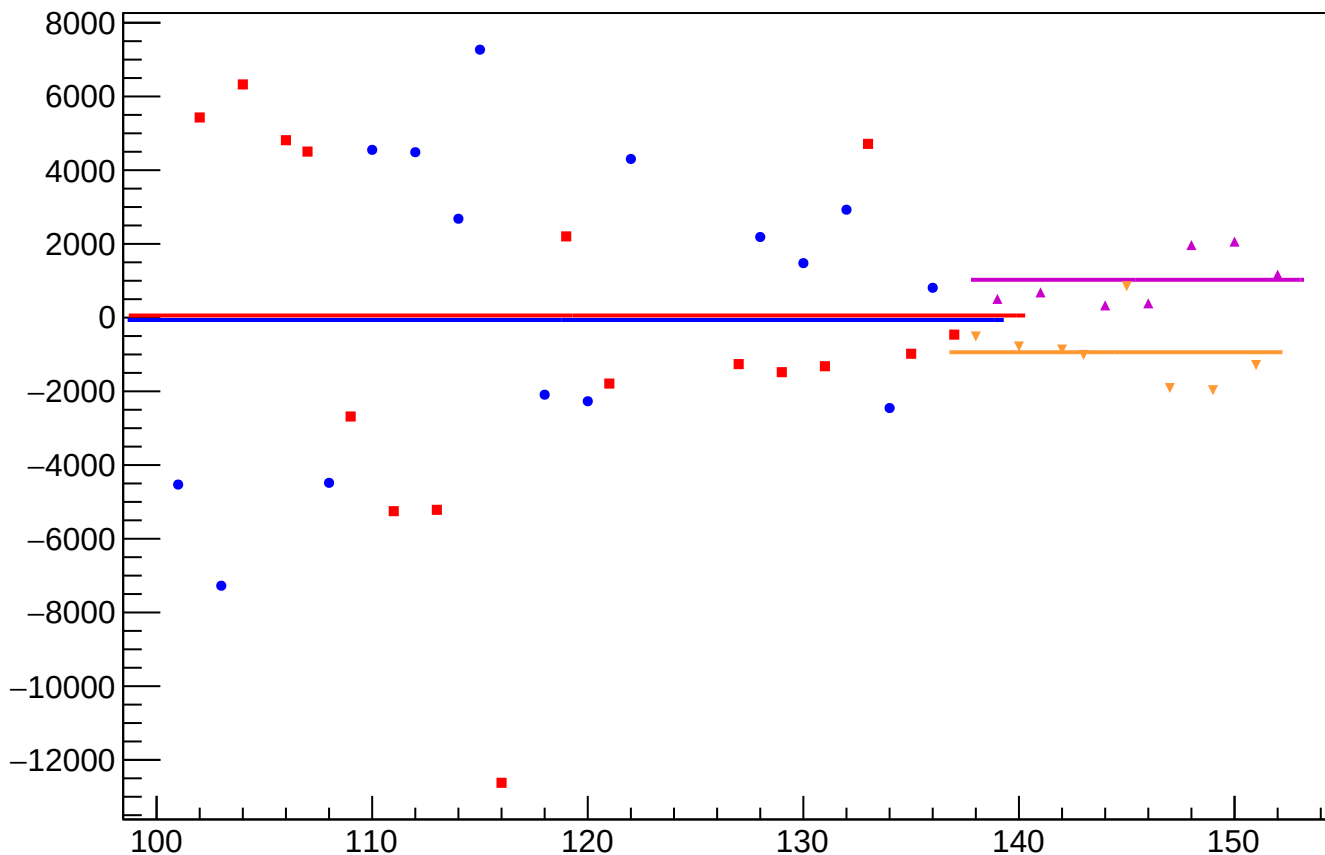
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1212.355+/-0.000

χ^2/NDF : 24411830353682588528377693132289998848.0/6

All: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751+/-0.000

χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -938.664+/-0.000

χ^2/NDF : 448733011531233656978938990972597436416.0/7

Right Out: 57.229+/-0.000

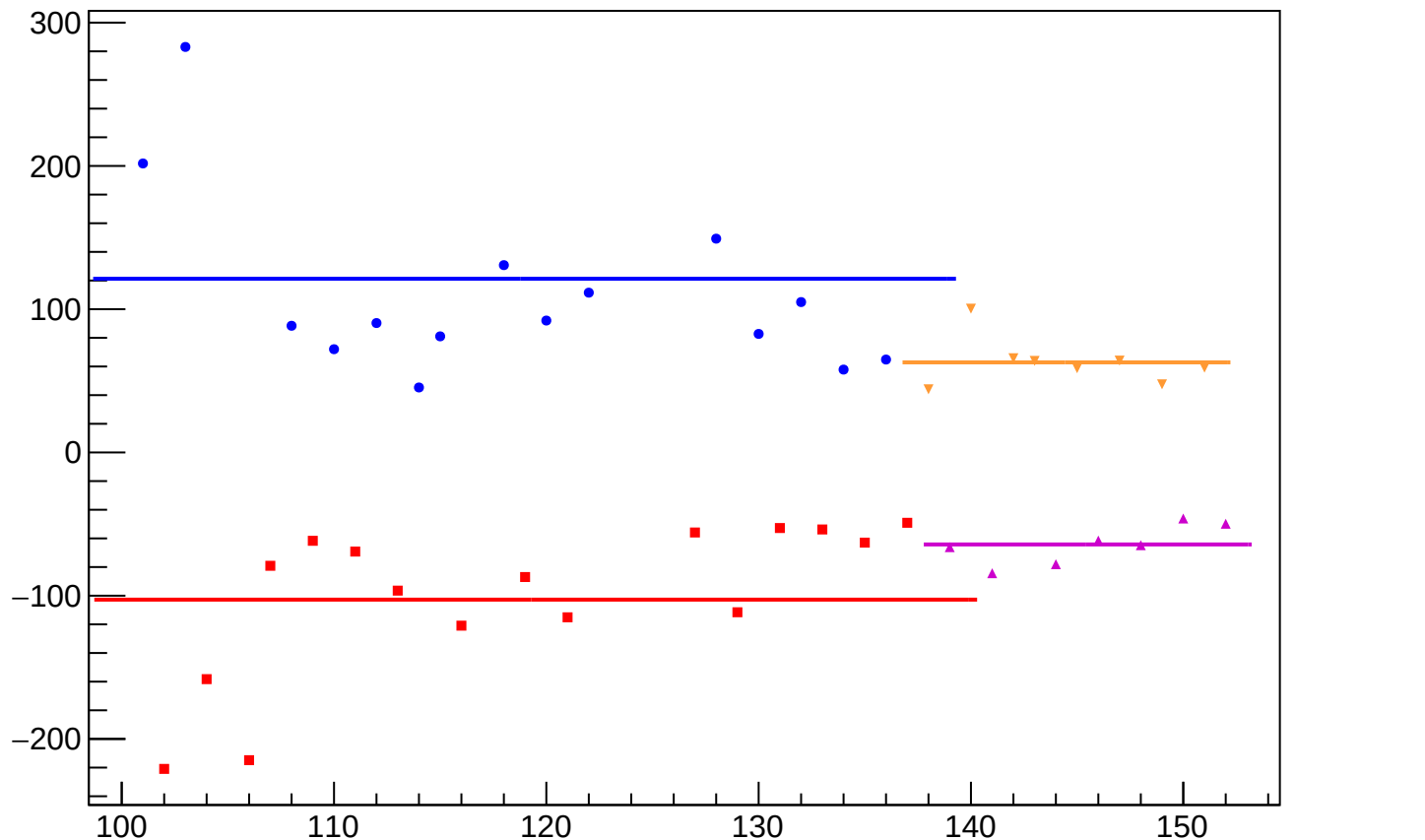
χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: 1025.904+/-0.000

χ^2/NDF : 282540158516899690194382511288874958848.0/6

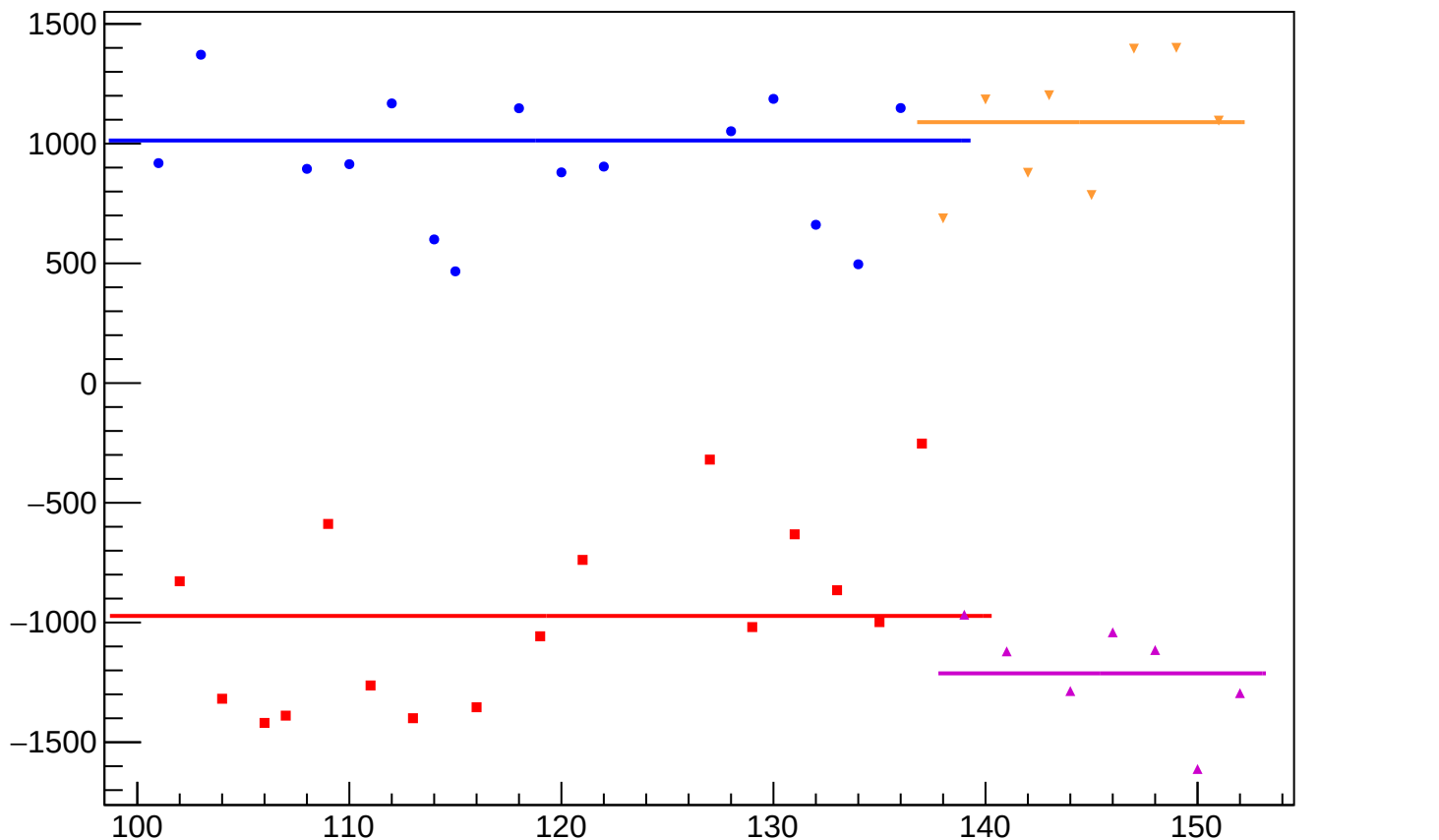
All: 21.946+/-0.000 χ^2/NDF : 2528412654532

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



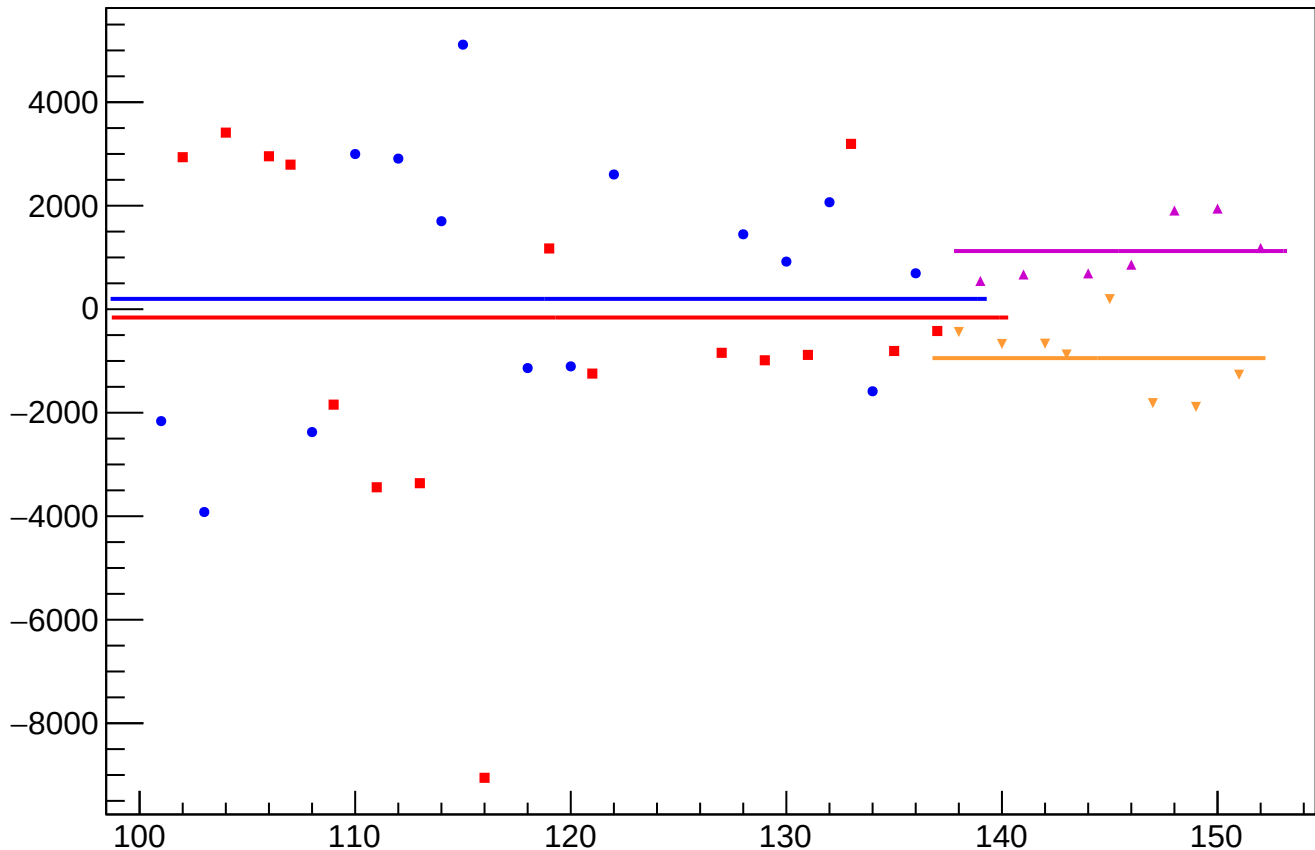
Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 62.874 $\pm$ 0.000 χ^2 /NDF: 165524714088300237579965246923079680.0/7
 Right Out: -102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: -64.223 $\pm$ 0.000 χ^2 /NDF: 100157457897746131882614860483133440.0/6
 All: 3.545 $\pm$ 0.000 χ^2 /NDF: 2632357323565

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1089.757 $\pm$ 0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7
 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: -28.812 $\pm$ 0.000 χ^2/NDF : 305518259268

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503+/-0.000

χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -945.386+/-0.000

χ^2/NDF : 276642489829848652906726340773269209088.0/7

Right Out: -160.512+/-0.000

χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: 1123.800+/-0.000

χ^2/NDF : 179898196878611839329065877210440663040.0/6

Left: 95.277+/-0.000 χ^2/NDF : 17334637788091563

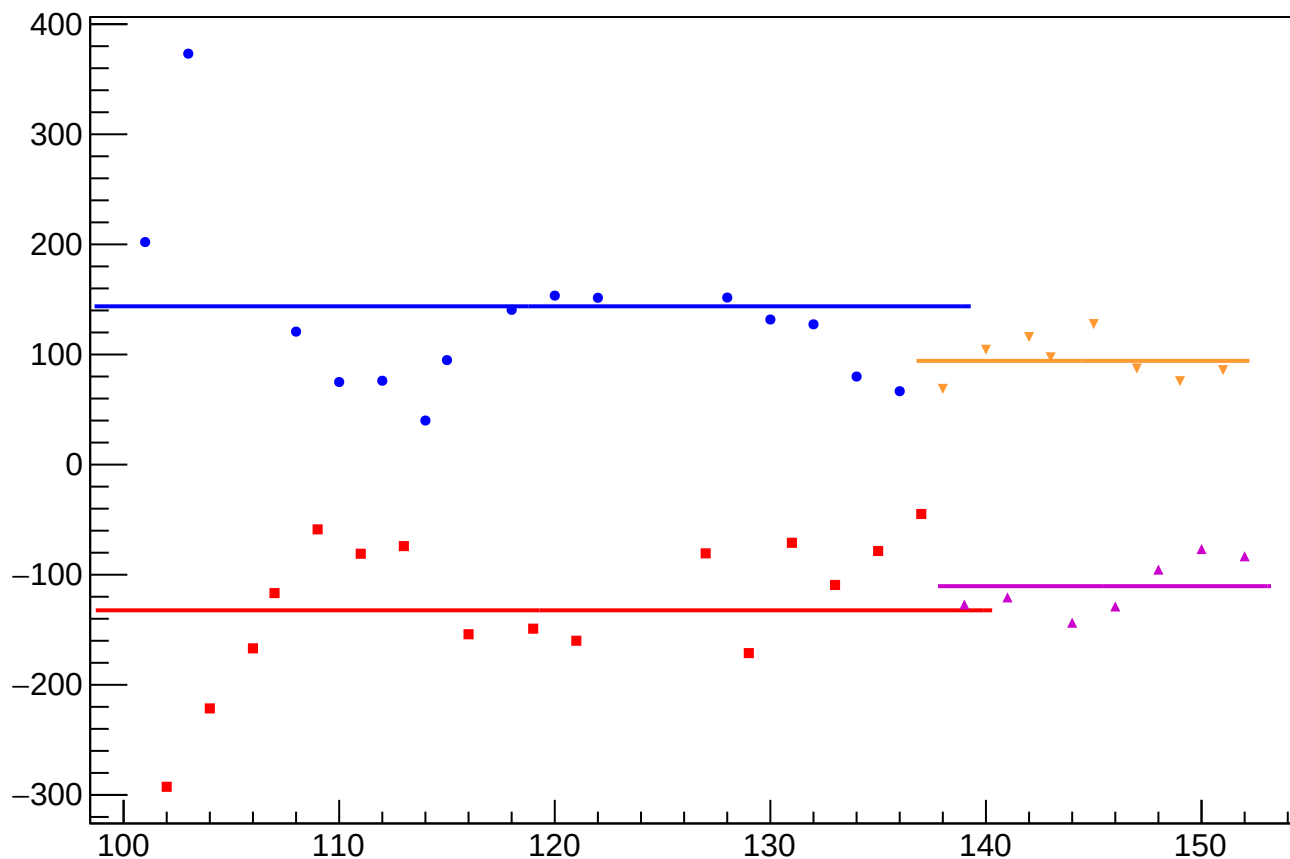
Right: 17.033+/-0.000 χ^2/NDF : 8991370549930185

In: 643.521+/-0.000 χ^2/NDF : 37144101374493946

Out: -529.901+/-0.000 χ^2/NDF : 615059857520954

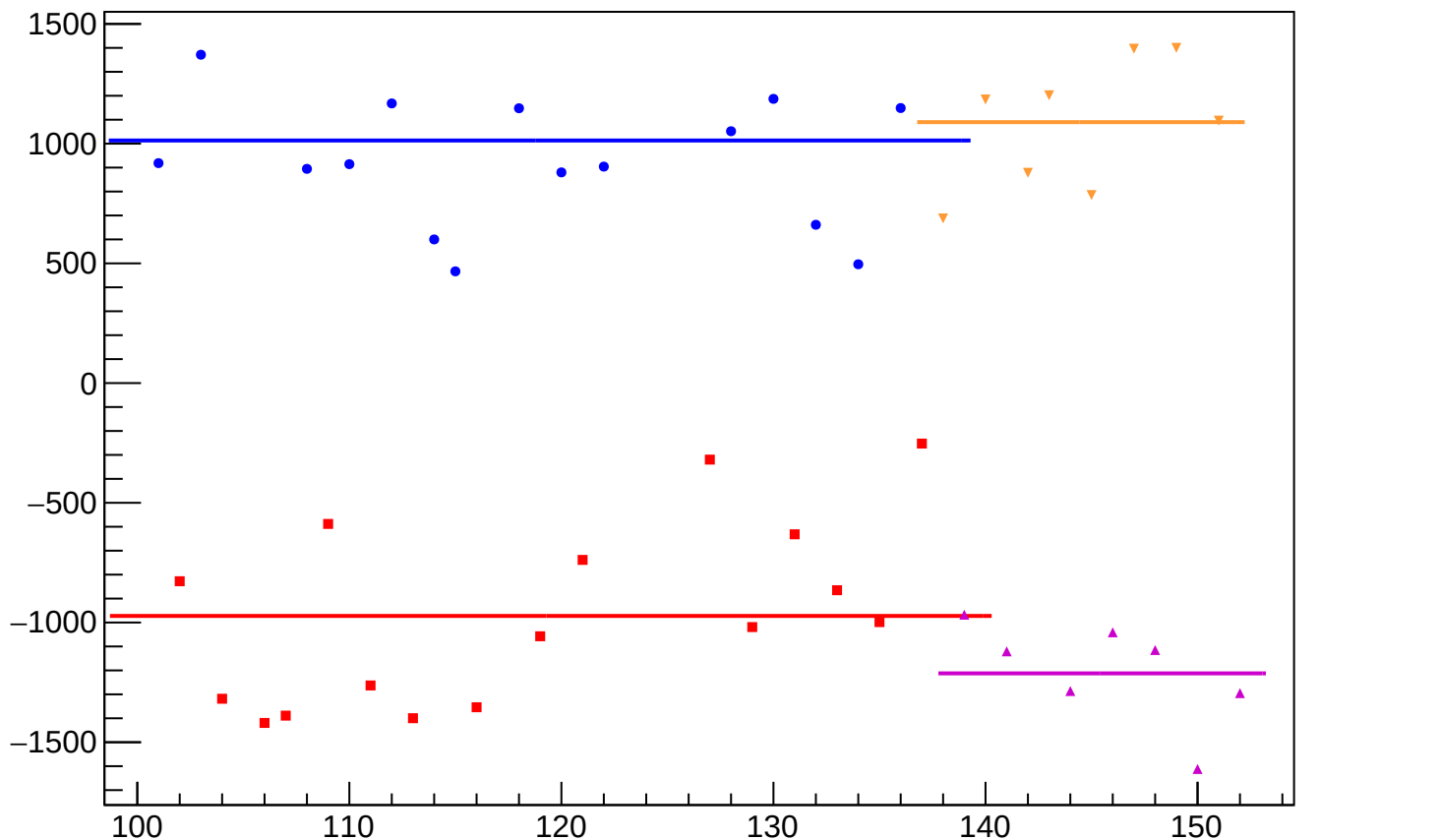
All: 54.238+/-0.000 χ^2/NDF : 1072866518738

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



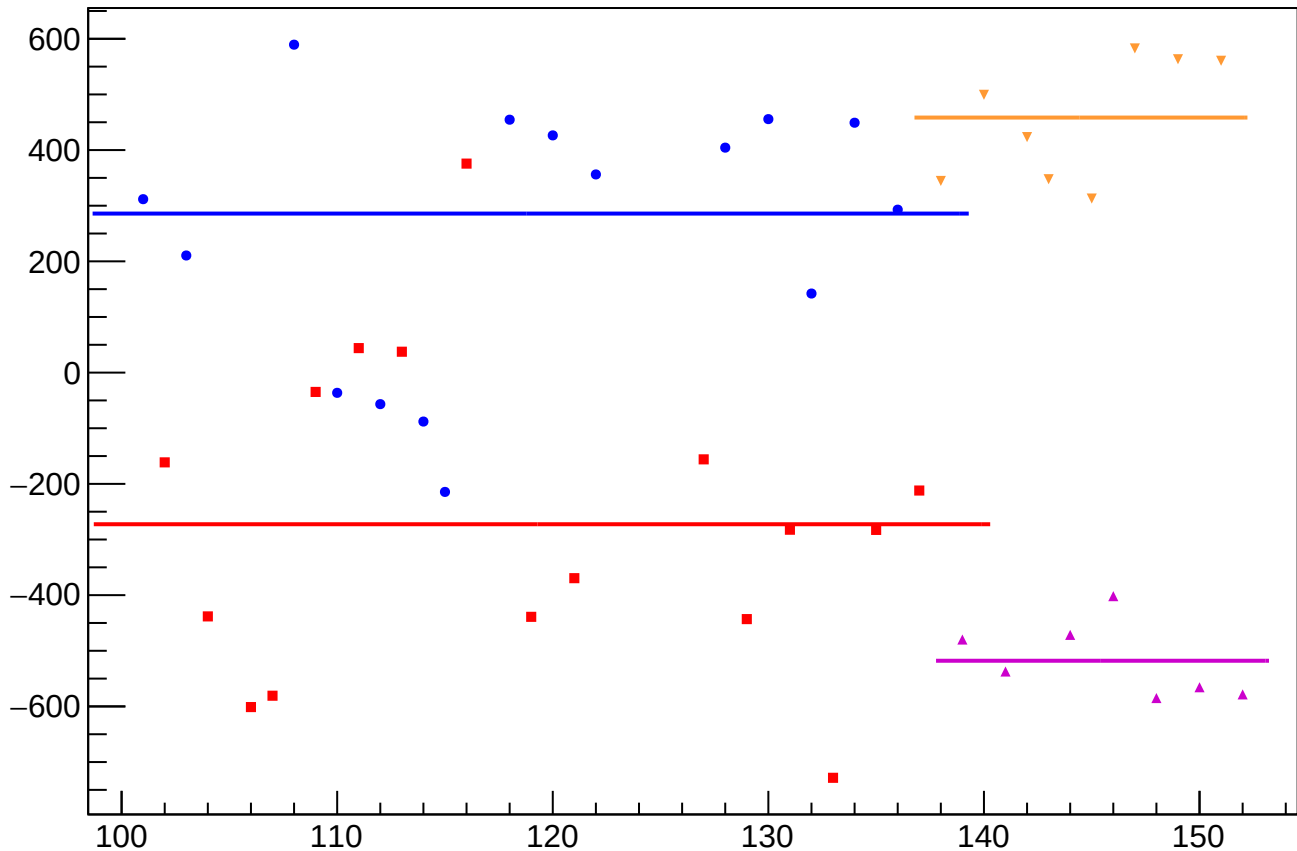
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14
 Left Out: 94.220 $\pm$ 0.000 χ^2 /NDF: 209316022255760084463311521866317824.0/7
 Right Out: -132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15
 Left In: -110.390 $\pm$ 0.000 χ^2 /NDF: 344265617704468642337460498498322432.0/6
 All: -2.125 $\pm$ 0.000 χ^2 /NDF: 4590237498867

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



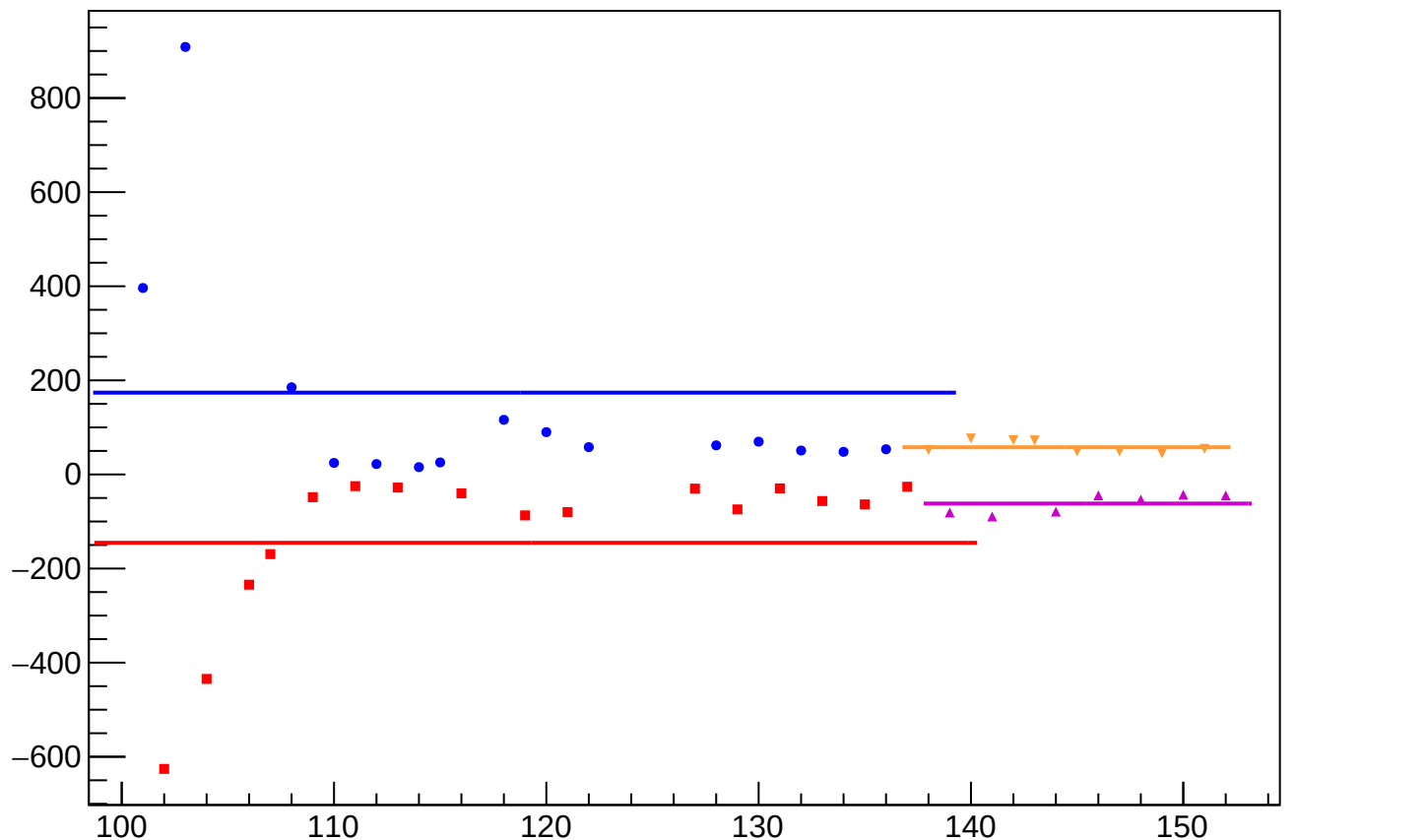
Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1089.757 $\pm$ 0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7
 Right Out: -972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1212.355 $\pm$ 0.000 χ^2/NDF : 24411830353682588528377693132289998848.0/6
 All: -28.812 $\pm$ 0.000 χ^2/NDF : 305518259268

dit_sam7_coil6_mean vs Slug, Sign Corrected



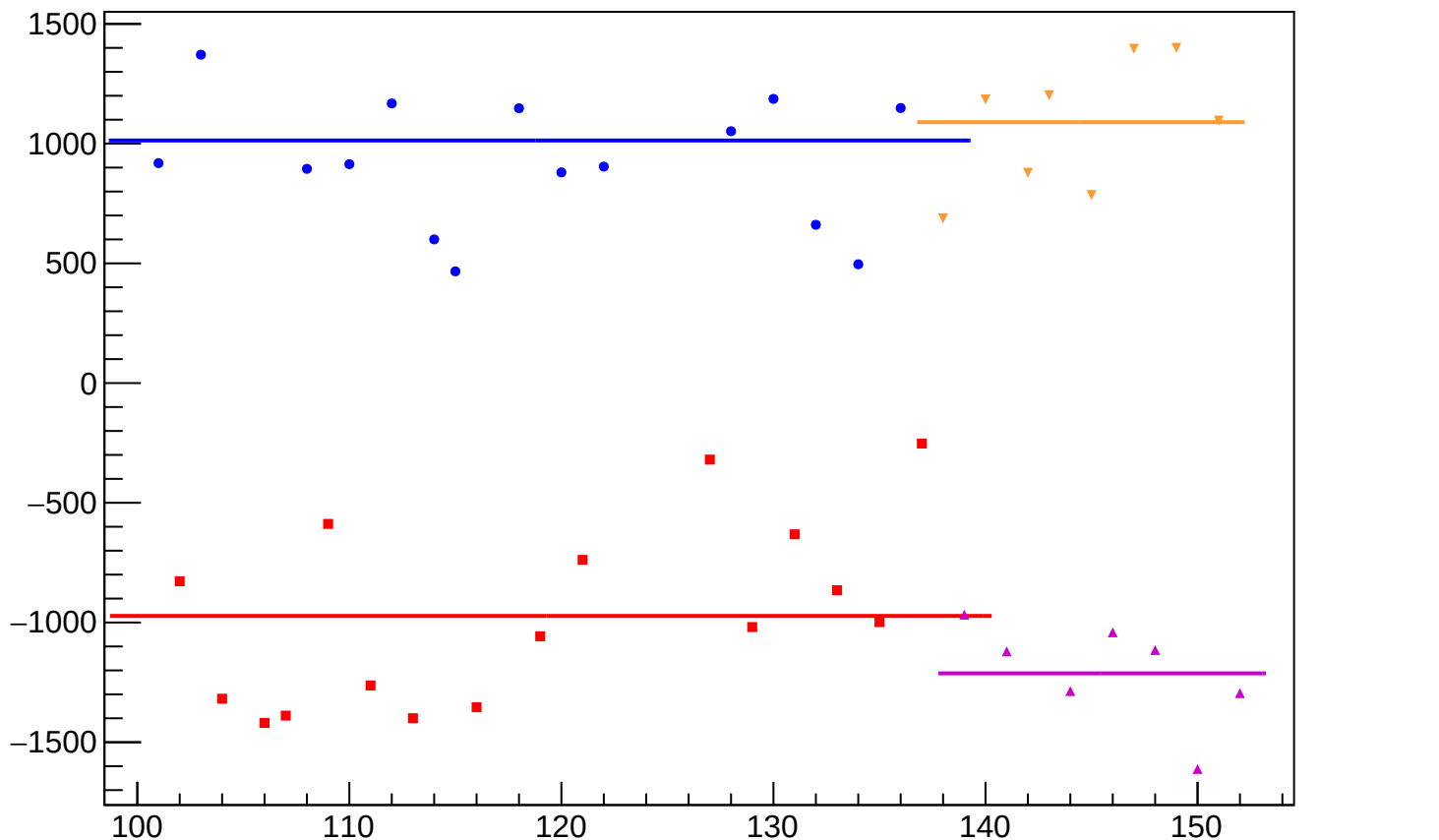
Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14
 Left Out: 458.424+/-0.000 χ^2/NDF : 6675804679876431779876833115074723840.0/7
 Right Out: -272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15
 Left In: -517.911+/-0.000 χ^2/NDF : 2363050971376420776632726835710394368.0/6
 All: -14.015+/-0.000 χ^2/NDF : 464938836043

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



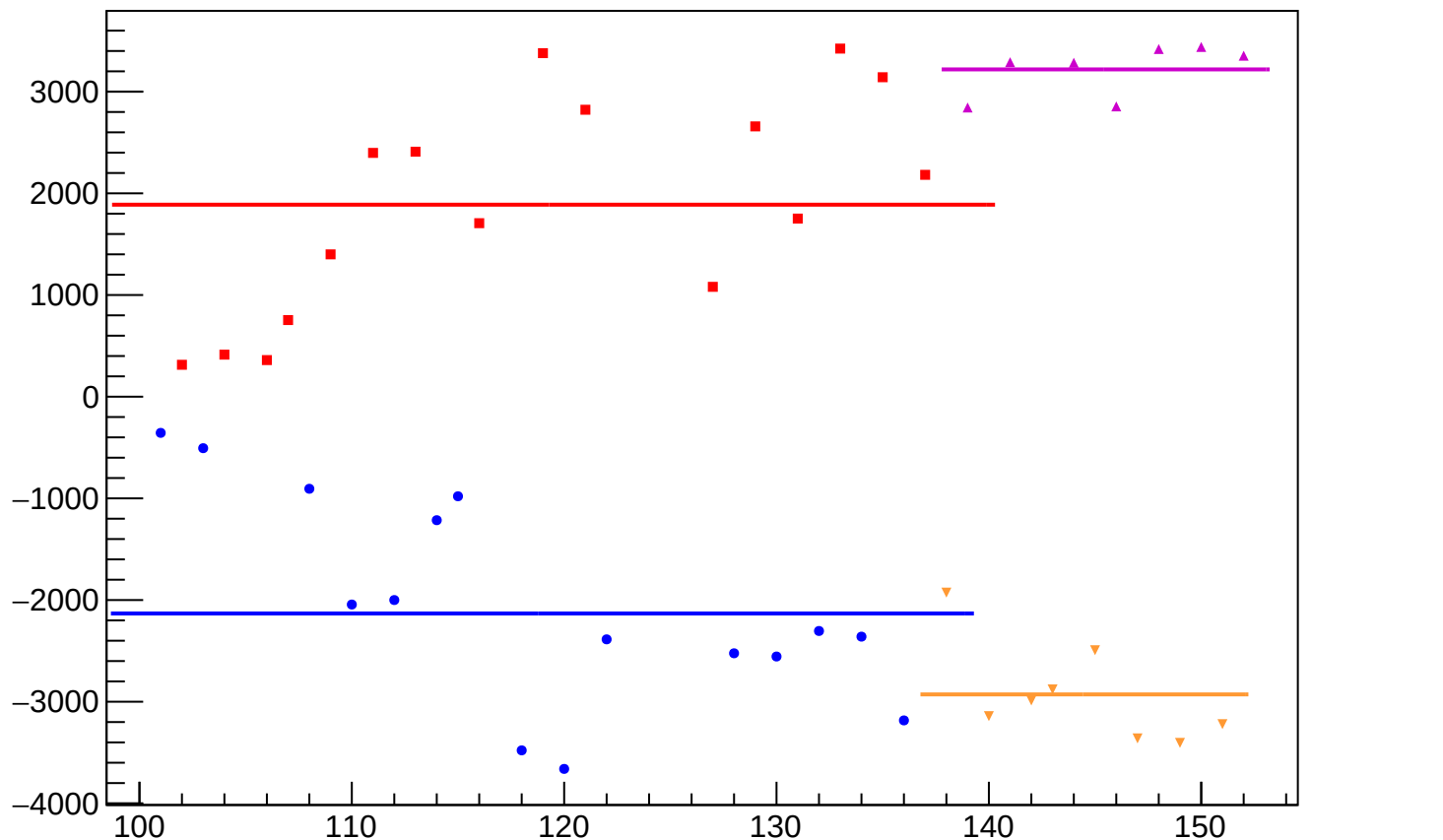
Left: -2.399+/-0.000 χ^2/NDF : 45596739032480437
 Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Right: 12.139+/-0.000 χ^2/NDF : 9772897307710637
 Left Out: 57.758+/-0.000 χ^2/NDF : 83692964867507454561339101690200064.0/7
 In: 60.632+/-0.000 χ^2/NDF : 592384092774282562
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -49.696+/-0.000 χ^2/NDF : 3554757800176835
 Left In: -61.854+/-0.000 χ^2/NDF : 209049579625268618410900972103532544.0/6
 All: 5.226+/-0.000 χ^2/NDF : 10242090398109

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	Left: -68.053+/-0.000	χ^2/NDF : 1644184766053052
Left Out: 1089.757+/-0.000	χ^2/NDF : 39185736443320245411683779286881271808.0/7	Right: 6.761+/-0.000	χ^2/NDF : 14074954421733032
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	In: -55.950+/-0.000	χ^2/NDF : 16002822426064709
Left In: -1212.355+/-0.000	χ^2/NDF : 24411830353682588528377693132289998848.0/6	Out: -1.911+/-0.000	χ^2/NDF : 14530687187344676
		All: -28.812+/-0.000	χ^2/NDF : 305518259268

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -2928.065+/-0.000

Right Out: 1888.448+/-0.000

Left In: 3218.891+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 137824903939380096151273633994556571648.0/7

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 32576396450884949268585959363331489792.0/6

Left: 163.447+/-0.000 χ^2/NDF : 1143941182989021

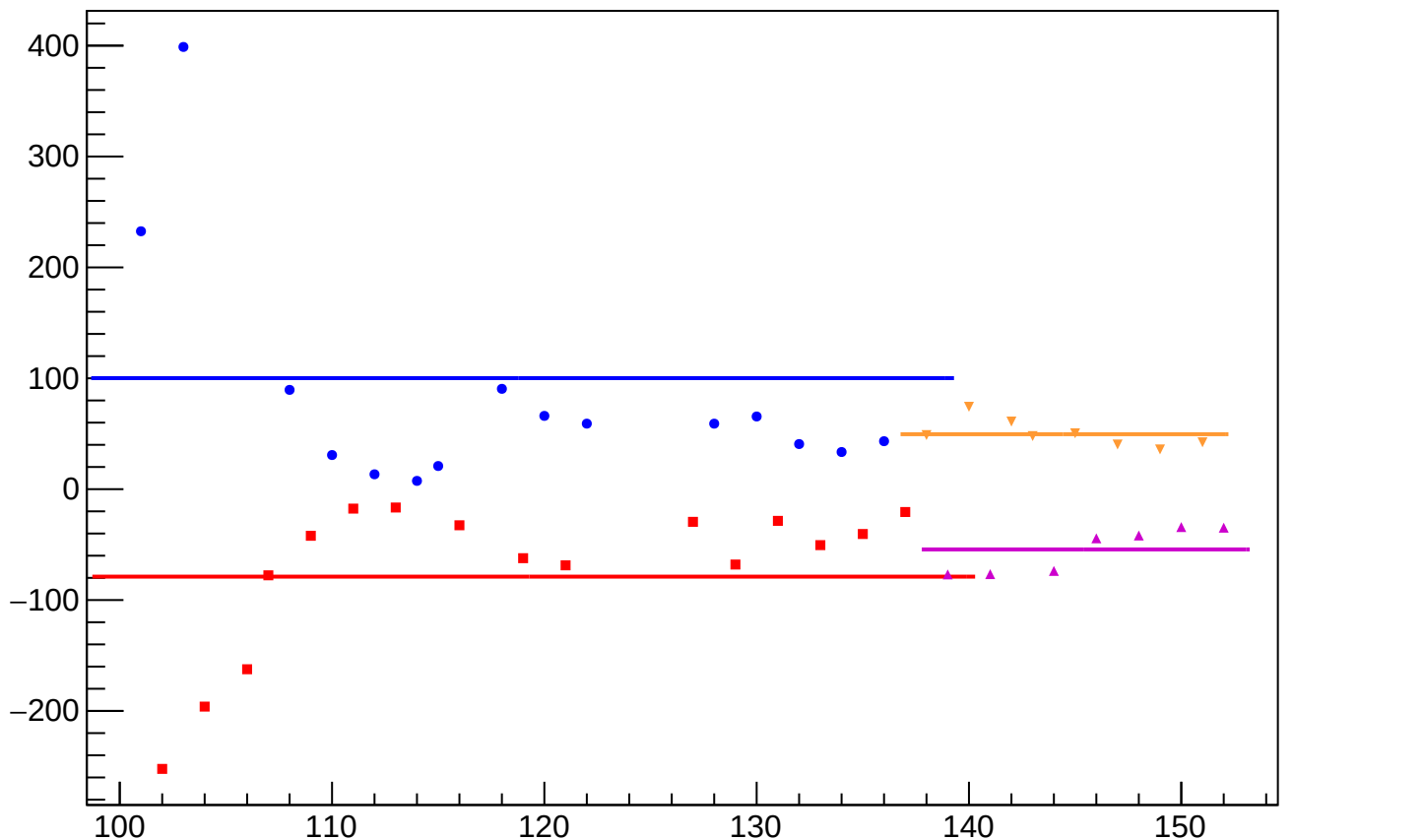
Right: -94.234+/-0.000 χ^2/NDF : 683113062504059

In: 438.534+/-0.000 χ^2/NDF : 96812864239226519

Out: -378.371+/-0.000 χ^2/NDF : 821222790830545

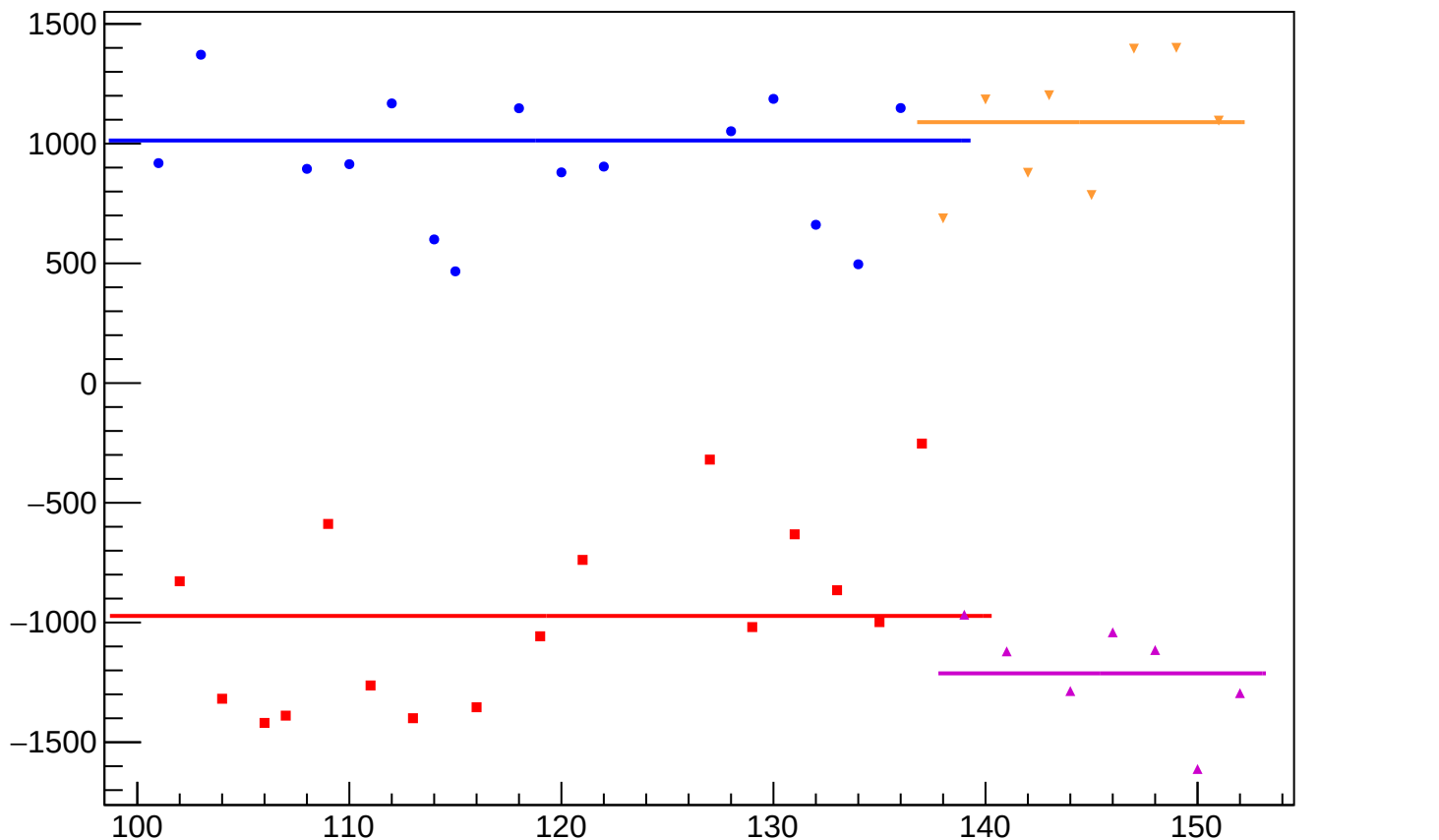
All: 28.290+/-0.000 χ^2/NDF : 1831209128737

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



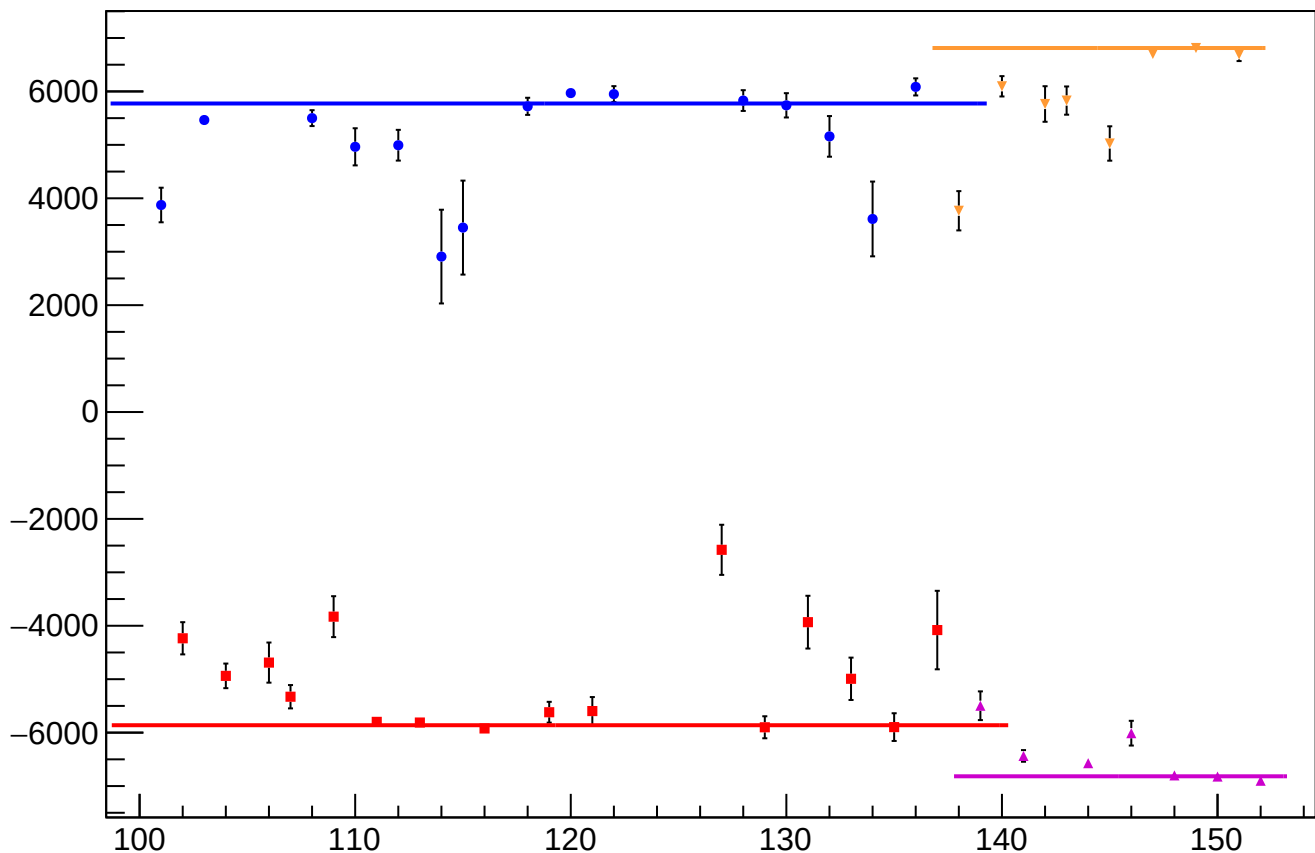
Right In: 100.135 +/- 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 49.569 +/- 0.000 χ^2/NDF : 83119890335771845961372547390898176.0/7
 Right Out: -78.881 +/- 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: -54.359 +/- 0.000 χ^2/NDF : 208779377592100826790926973065494528.0/6
 All: 3.648 +/- 0.000 χ^2/NDF : 25485341496930

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1089.757+/-0.000 χ^2/NDF : 39185736443320245411683779286881271808.0/7
 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: -28.812+/-0.000 χ^2/NDF : 305518259268

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 6812.621+/-0.311 χ^2/NDF : 140.0/7

Right Out: -5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: -6817.300+/-0.235 χ^2/NDF : 7366.5/6

Left: -1857.898+/-0.187 χ^2/NDF : 1223301541.7/14

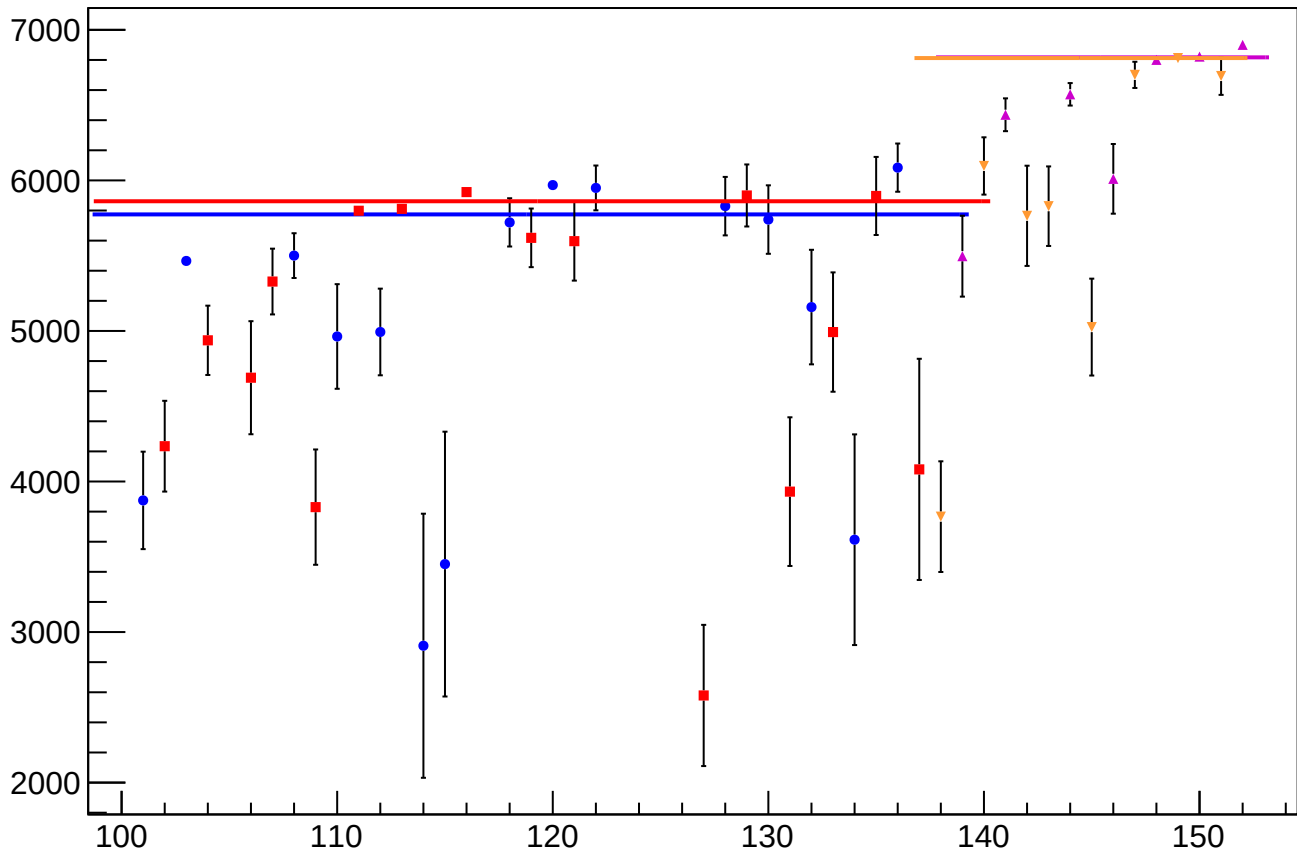
Right: -1536.191+/-0.111 χ^2/NDF : 2585354230.9/30

In: 1072.716+/-0.144 χ^2/NDF : 1799715971.9/21

Out: -3734.559+/-0.127 χ^2/NDF : 1383890938.0/23

All: -1619.278+/-0.095 χ^2/NDF : 3810839628

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.621 $\pm$ 0.311 χ^2 /NDF:140.0/7

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: 7650.6/14

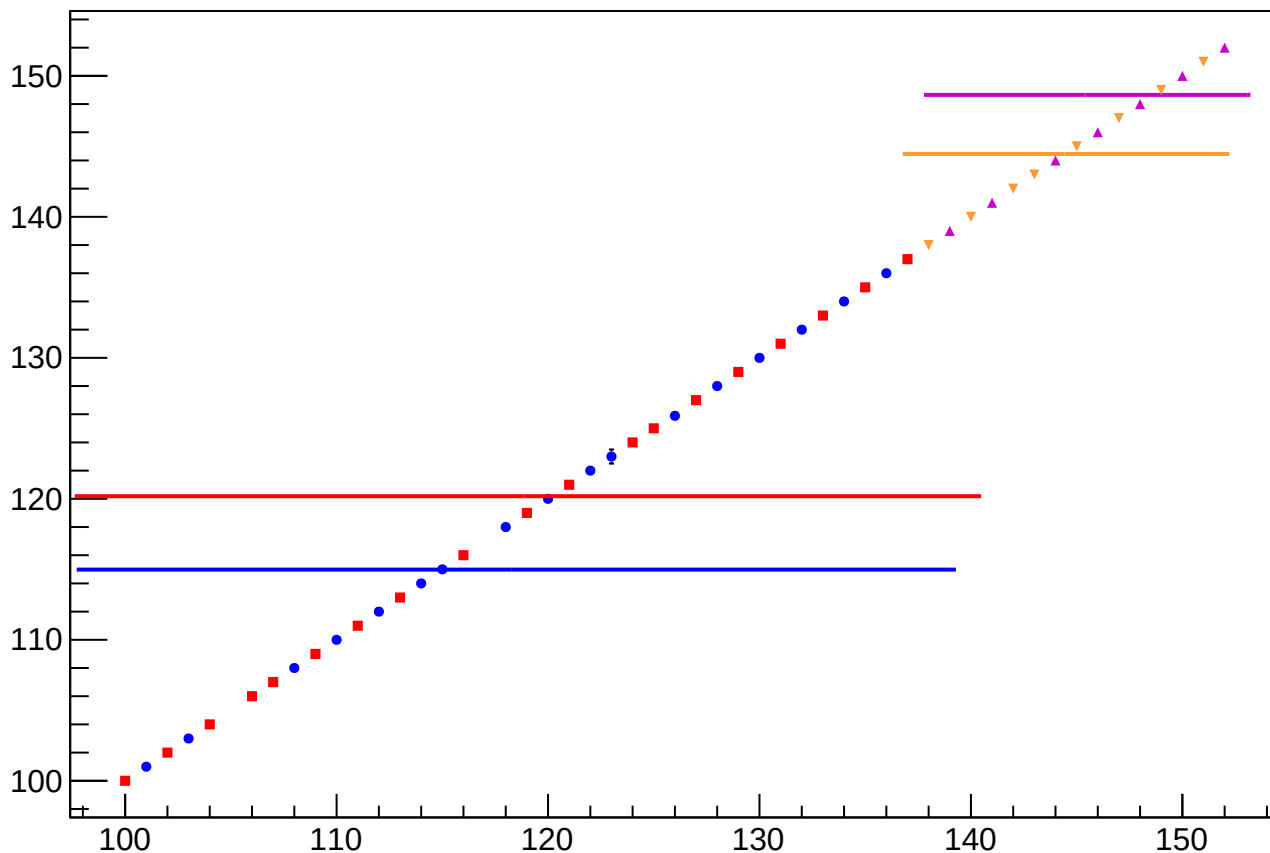
Right: 5828.993 $\pm$ 0.111 χ^2 /NDF: 2154118.4/30

In: 6163.622 $\pm$ 0.144 χ^2 /NDF:14176384.4/21

Out: 6021.080 $\pm$ 0.127 χ^2 /NDF:7973420.7/23

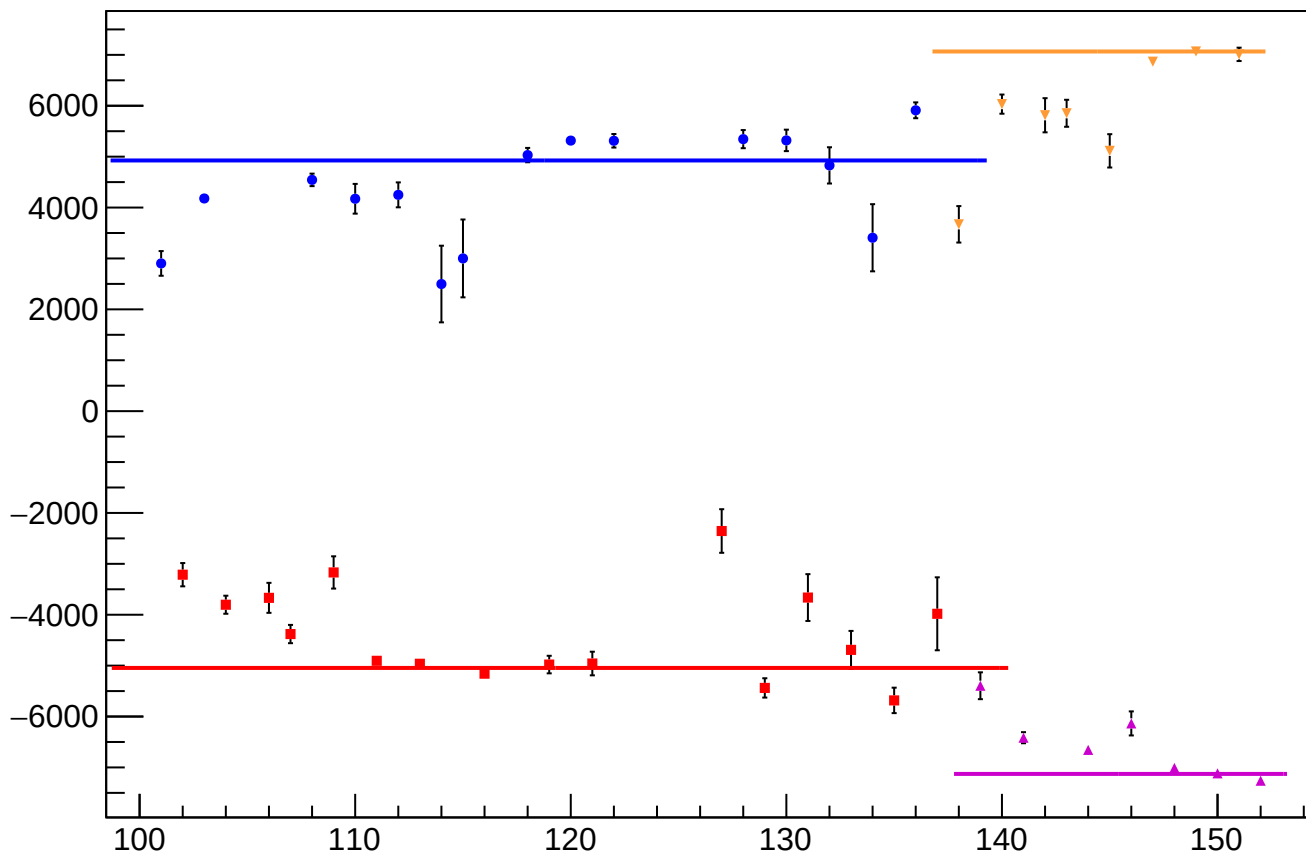
All: 6083.801 $\pm$ 0.095 χ^2 /NDF: 22701266.5/4

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 144.458+/-0.000 χ^2/NDF : 8002012049495190959676379365376.0/7
 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: 122.257+/-0.000 χ^2/NDF : 579842984325

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.441+/-1.478 χ^2/NDF :195.7/7

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: -2748.491+/-0.821 χ^2/NDF : 63817352.3/14

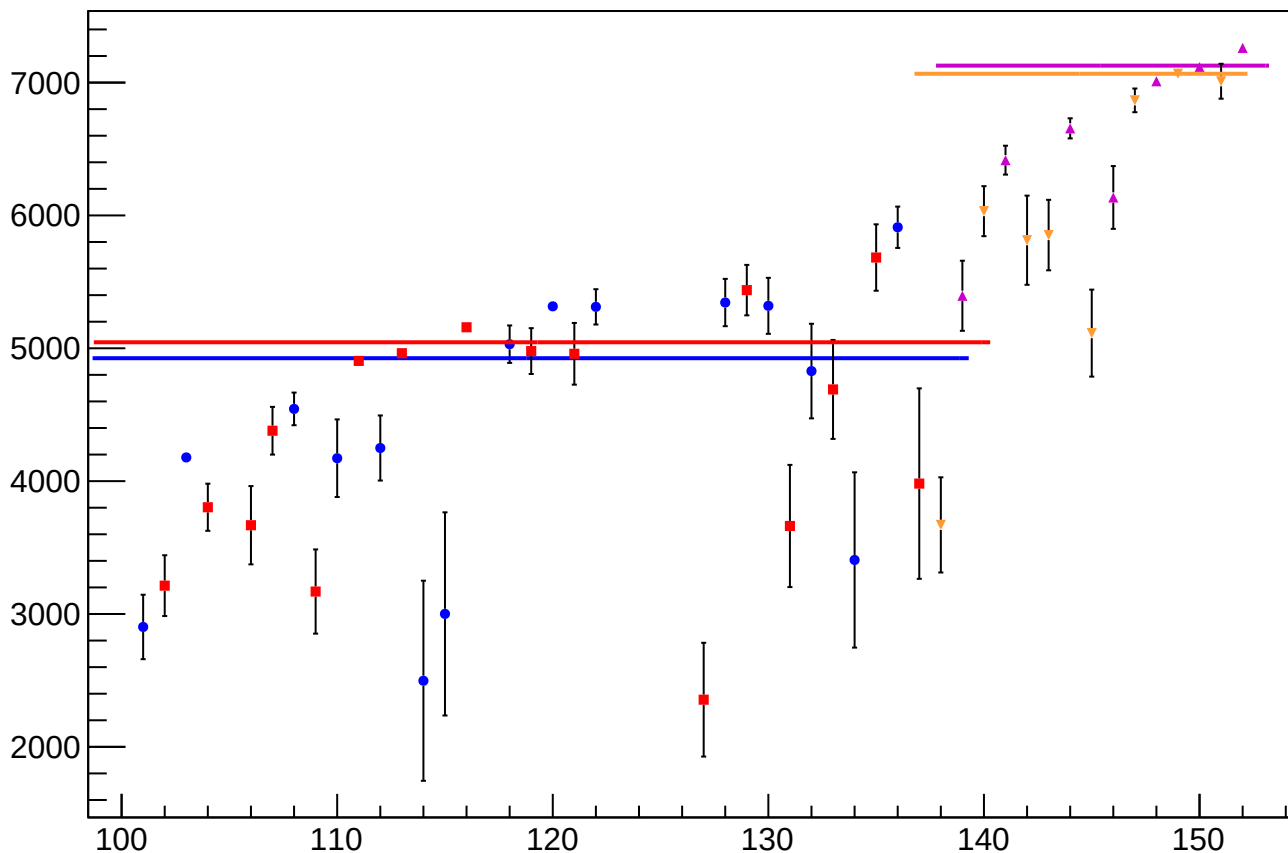
Right: -1694.510+/-0.544 χ^2/NDF : 75266282.5/30

In: -799.123+/-0.680 χ^2/NDF :78642495.0/21

Out: -2990.763+/-0.609 χ^2/NDF :55820522.6/23

All: -2016.365+/-0.454 χ^2/NDF : 140229201.4

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.441 ± 1.478 χ^2/NDF : 195.7/7

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: 7108.678 ± 0.821 χ^2/NDF : 11656.3/14

Right: 5004.922 ± 0.544 χ^2/NDF : 372009.4/30

In: 5971.237 ± 0.680 χ^2/NDF : 2955306.7/21

Out: 5388.074 ± 0.609 χ^2/NDF : 1584110.9/23

All: 5647.347 ± 0.454 χ^2/NDF : 4947672.2/45

dit_scandata1_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_scandata1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

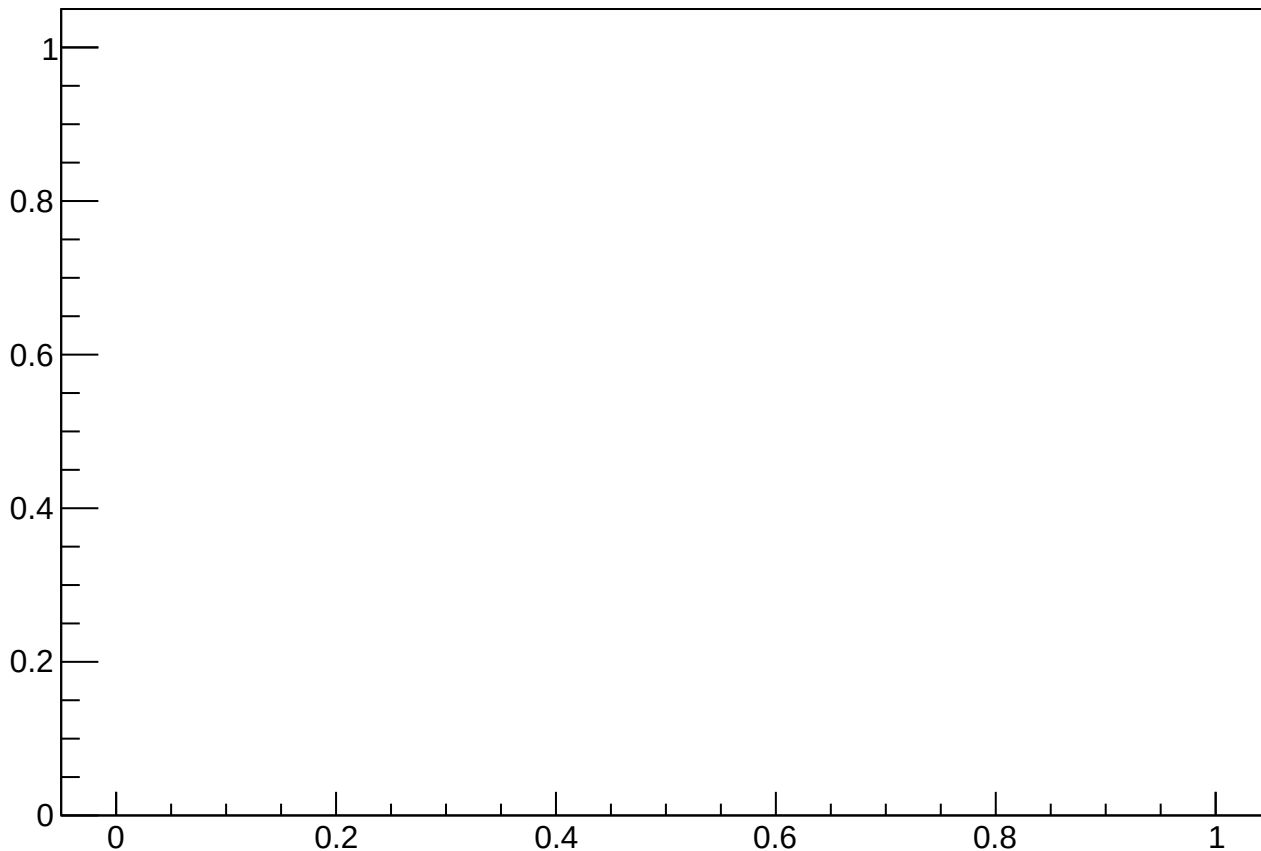
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

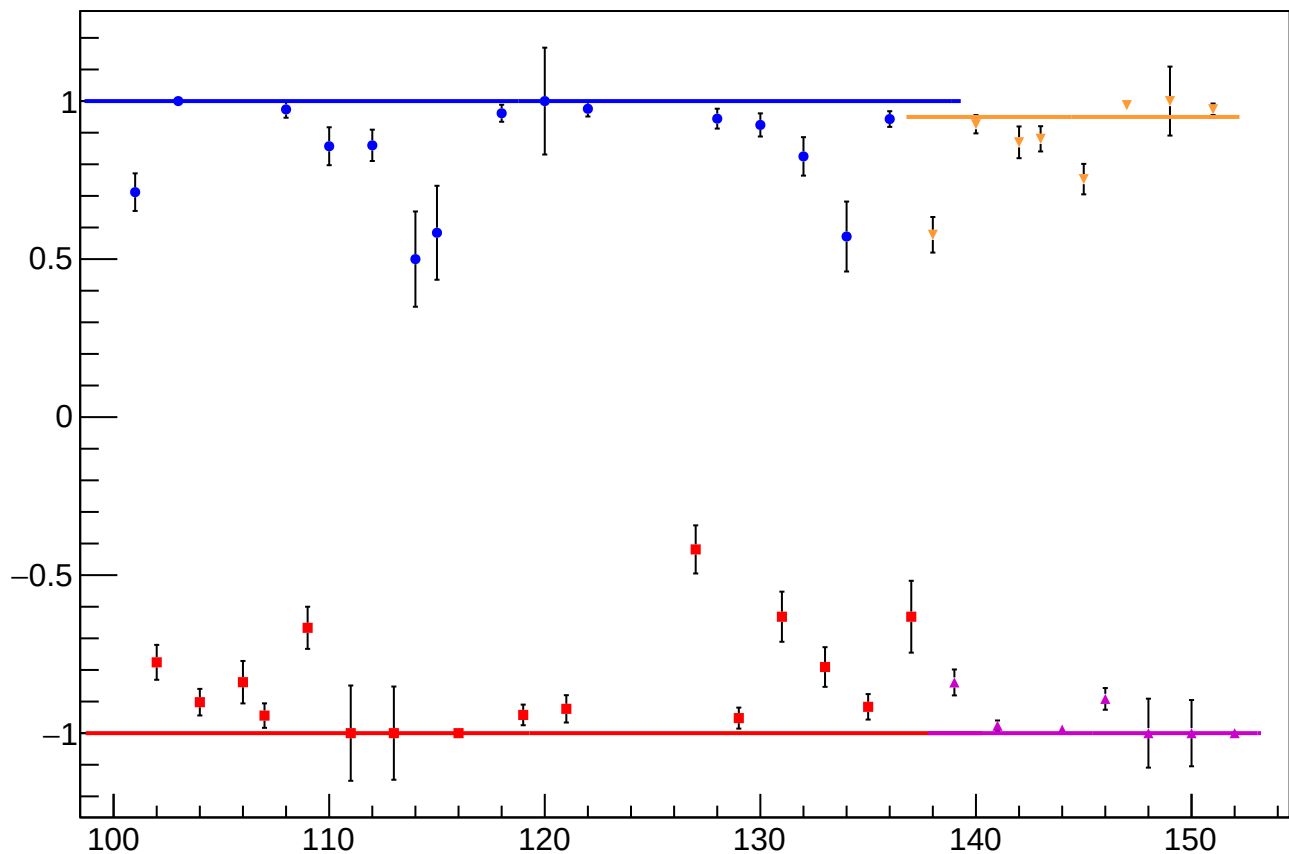
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.950 ± 0.009 $\chi^2/\text{NDF}: 77.2/7$

Right Out: -1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

Left In: -1.000 ± 0.000 $\chi^2/\text{NDF}: 28.3/6$

Left: -1.000 ± 0.000 $\chi^2/\text{NDF}: 46243.1/14$

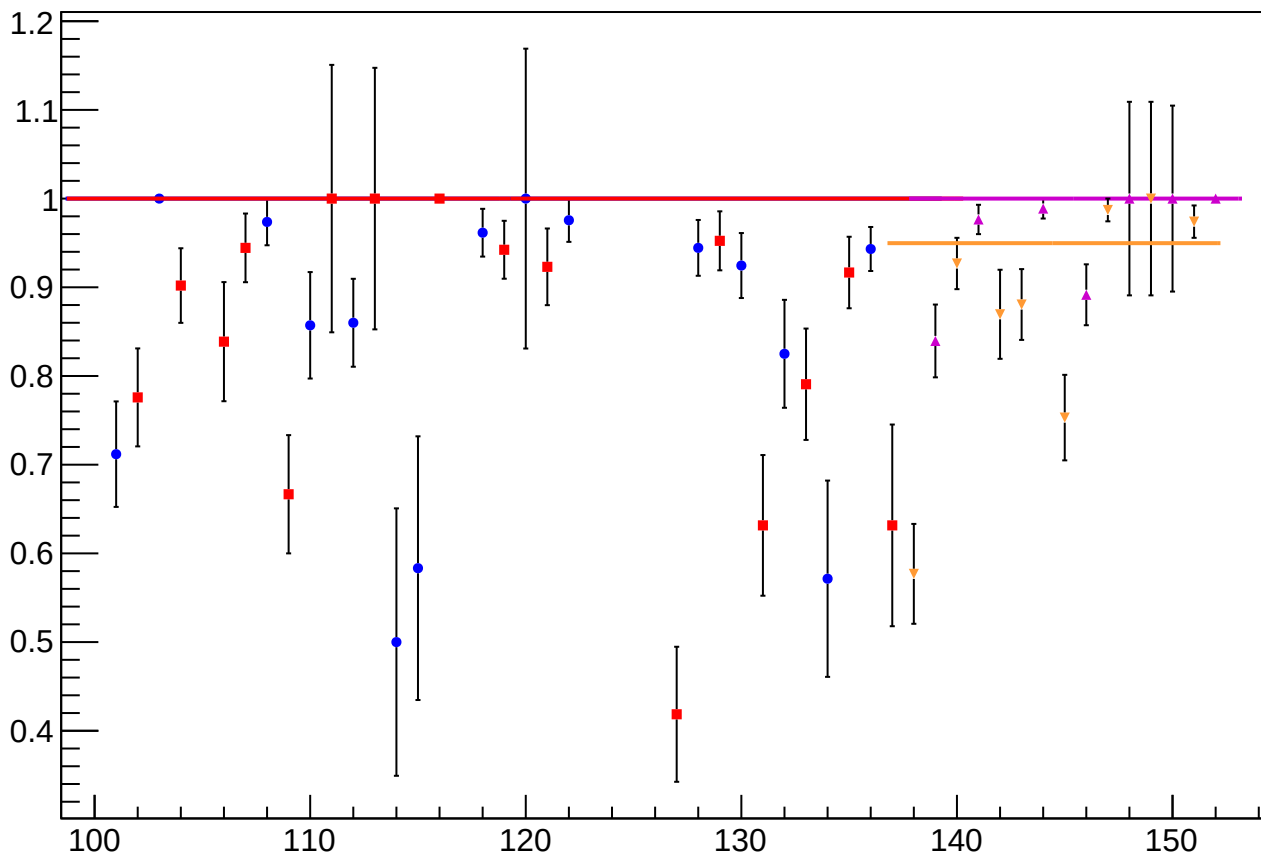
Right: 0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479480$

In: -0.194 ± 0.000 $\chi^2/\text{NDF}: 281024053063929172$

Out: -1.000 ± 0.000 $\chi^2/\text{NDF}: 46383.7/23$

All: -0.314 ± 0.000 $\chi^2/\text{NDF}: 3090607172267$

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.950 ± 0.009 χ^2/NDF : 77.2/7

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 : 136.1/14

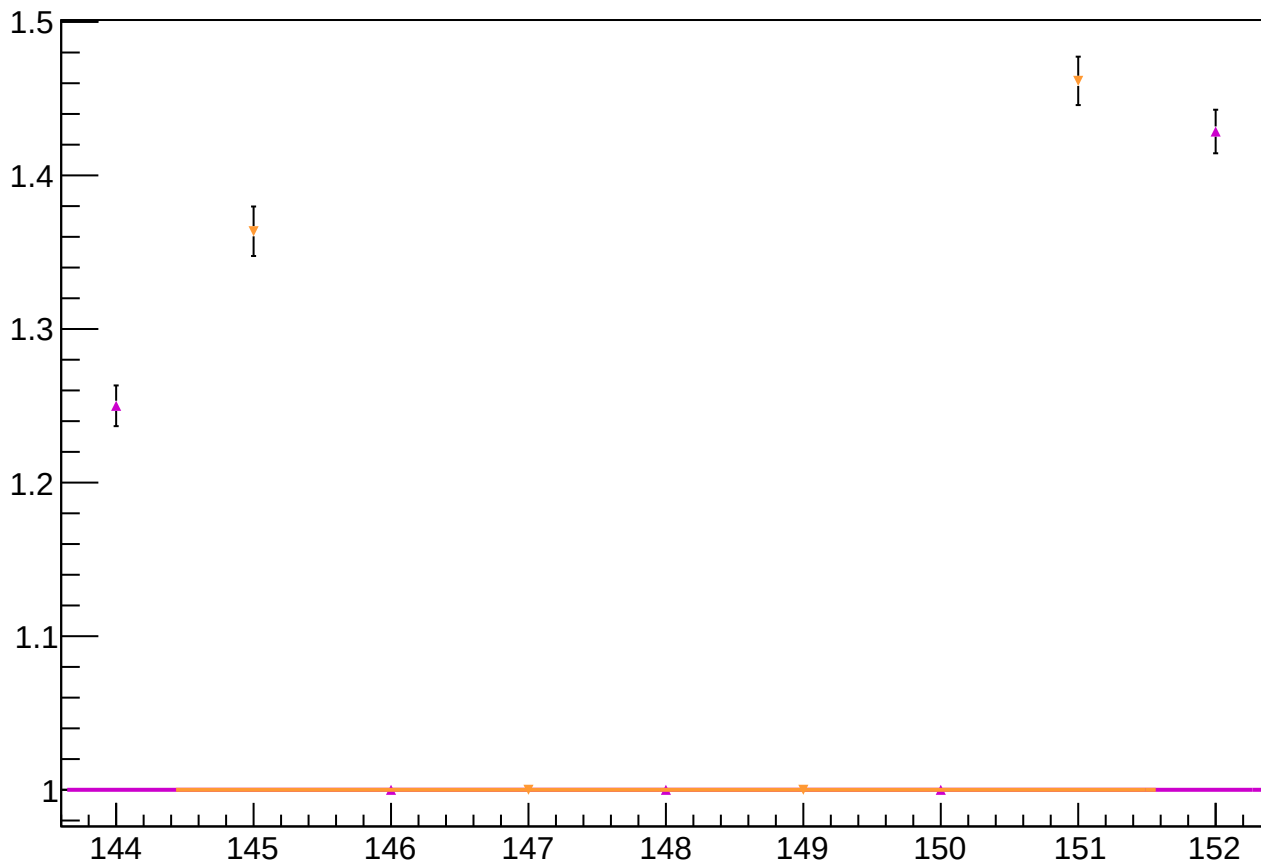
Right: 1.000 ± 0.000 χ^2/NDF : 347.8/30

In: 1.000 ± 0.000 χ^2/NDF : 468.2/21

Out: 1.000 ± 0.000 χ^2/NDF : 276.7/23

All: 1.000 ± 0.000 χ^2/NDF : 569.9/45

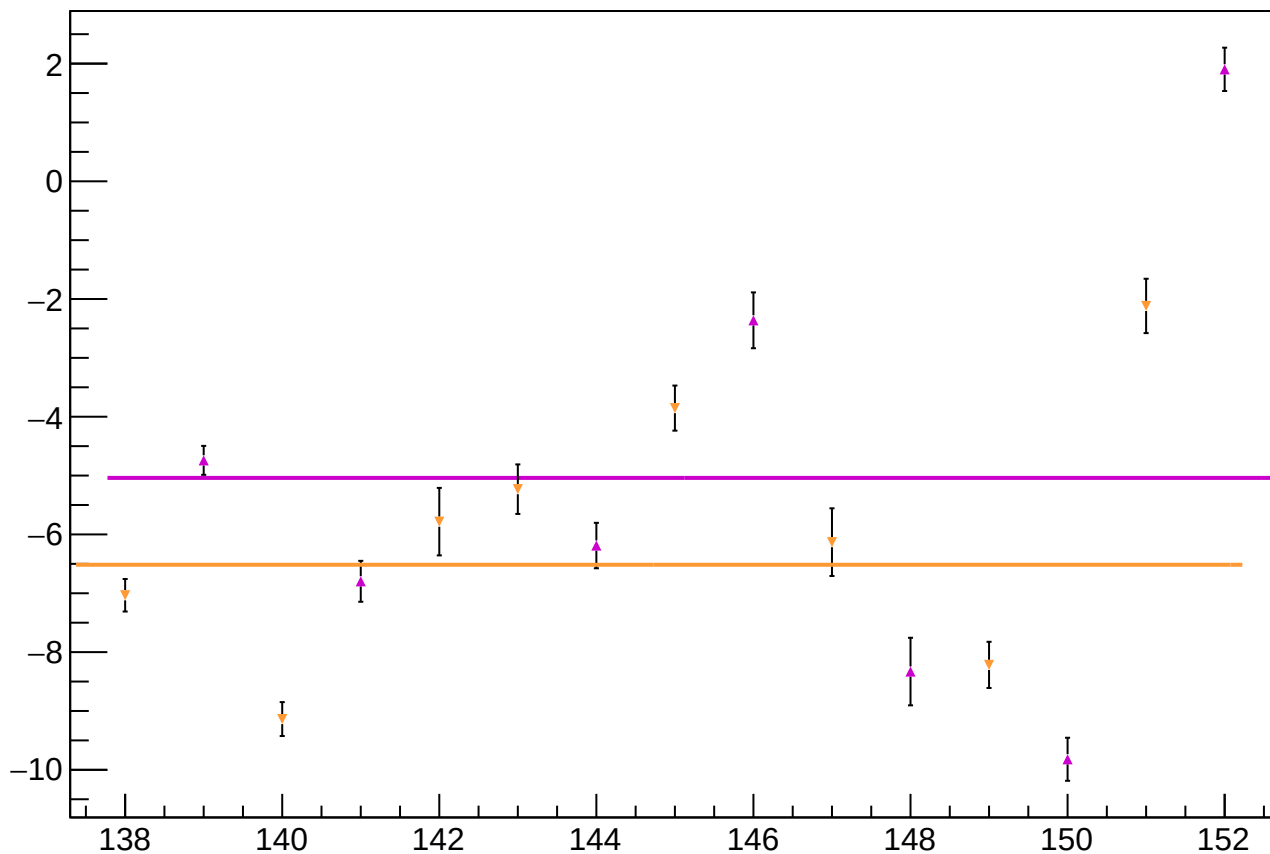
dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF :1504.0/3
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 : 5031.2/8
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 :1504.0/3
All: 1.000+/-0.000 χ^2/NDF : 5031.2/8

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -6.516 ± 0.135 χ^2/NDF : 255.6/7

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: -5.784 ± 0.096 χ^2/NDF : 941.4/14

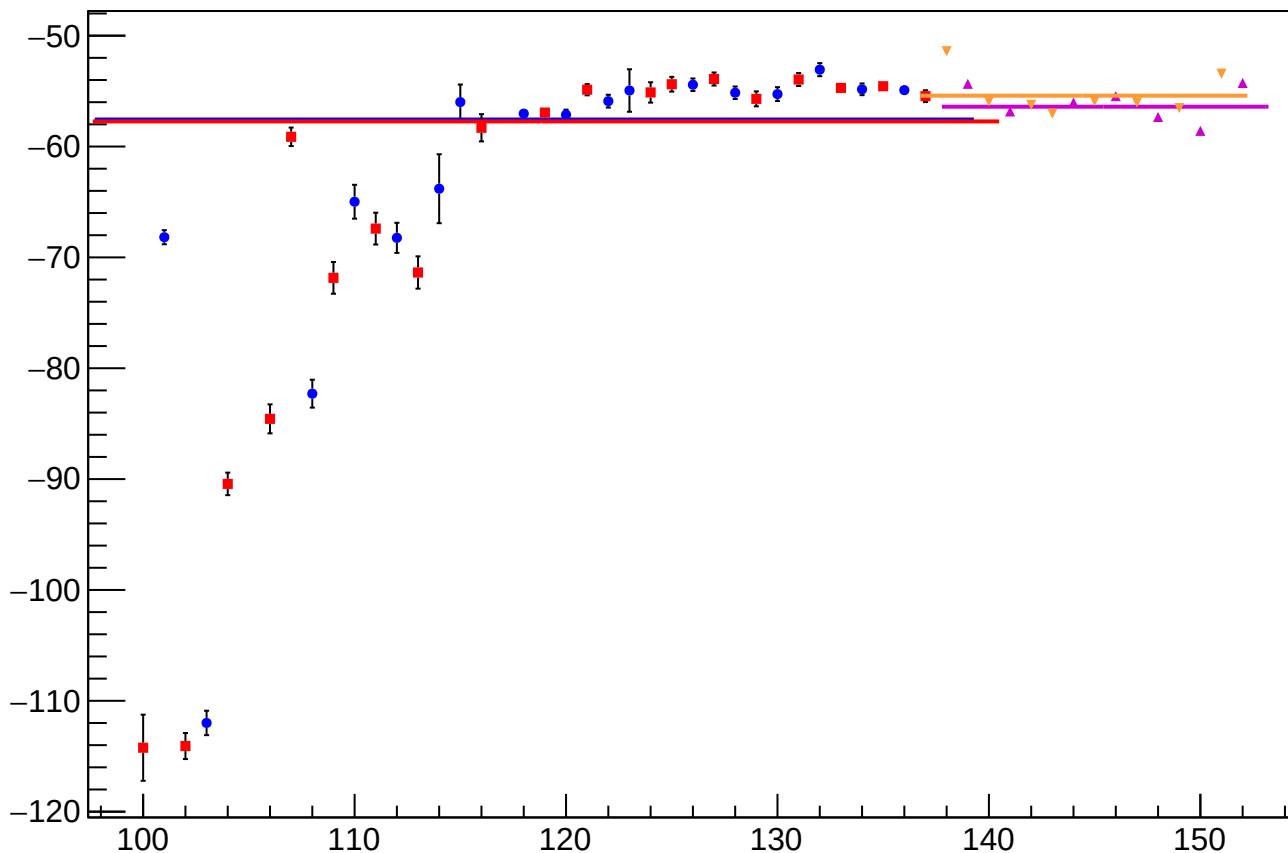
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.040 ± 0.136 χ^2/NDF : 626.6/6

Out: -6.516 ± 0.135 χ^2/NDF : 255.6/7

All: -5.784 ± 0.096 χ^2/NDF : 941.4/14

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.412 ± 0.102 χ^2/NDF : 272.1/7

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: -55.879 ± 0.074 χ^2/NDF : 499.5/14

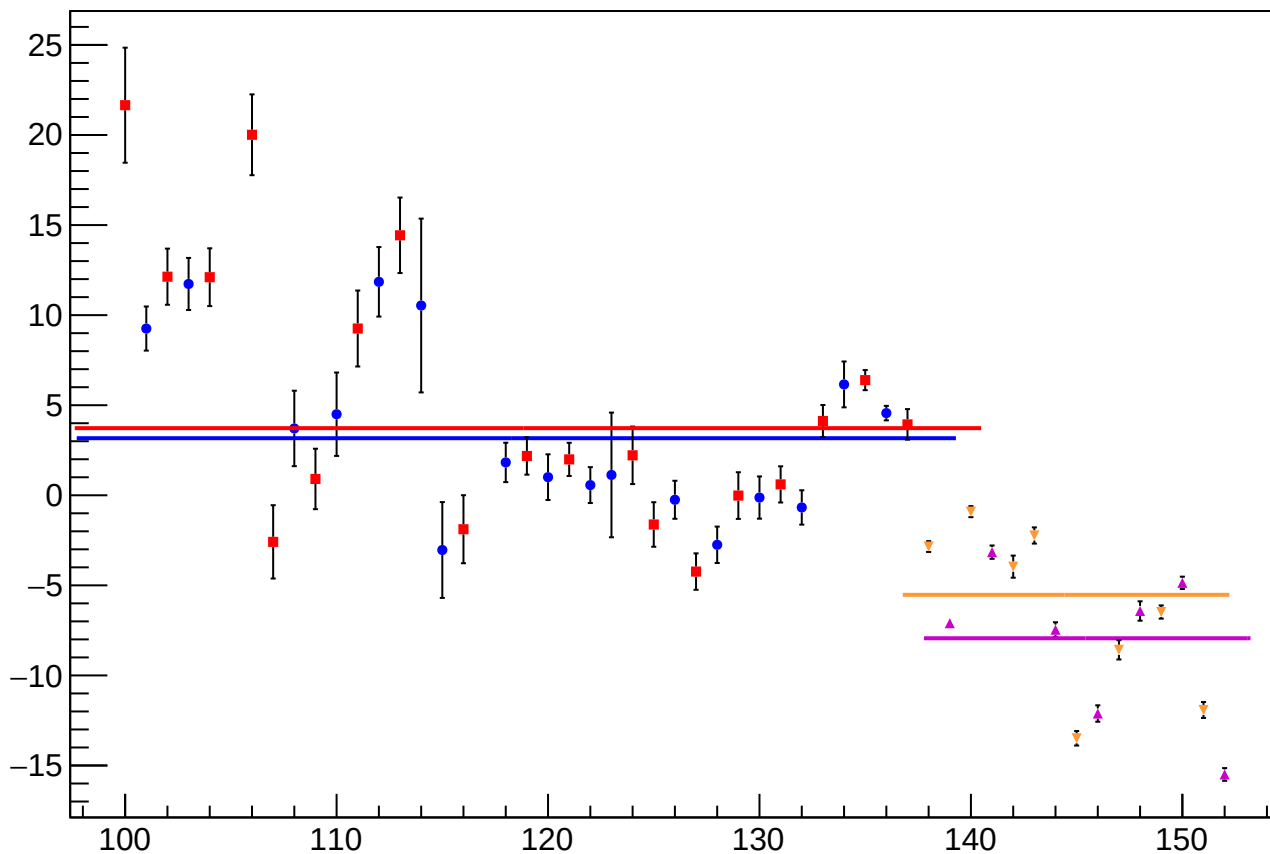
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -56.833 ± 0.086 χ^2/NDF : 3680.5/23

Out: -56.191 ± 0.083 χ^2/NDF : 5146.0/26

All: -56.500 ± 0.060 χ^2/NDF : 8855.5/50

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -5.526 ± 0.139 χ^2/NDF : 1003.1/7

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

Left In: -7.937 ± 0.138 χ^2/NDF : 811.7/6

Left: -6.740 ± 0.098 χ^2/NDF : 1965.4/14

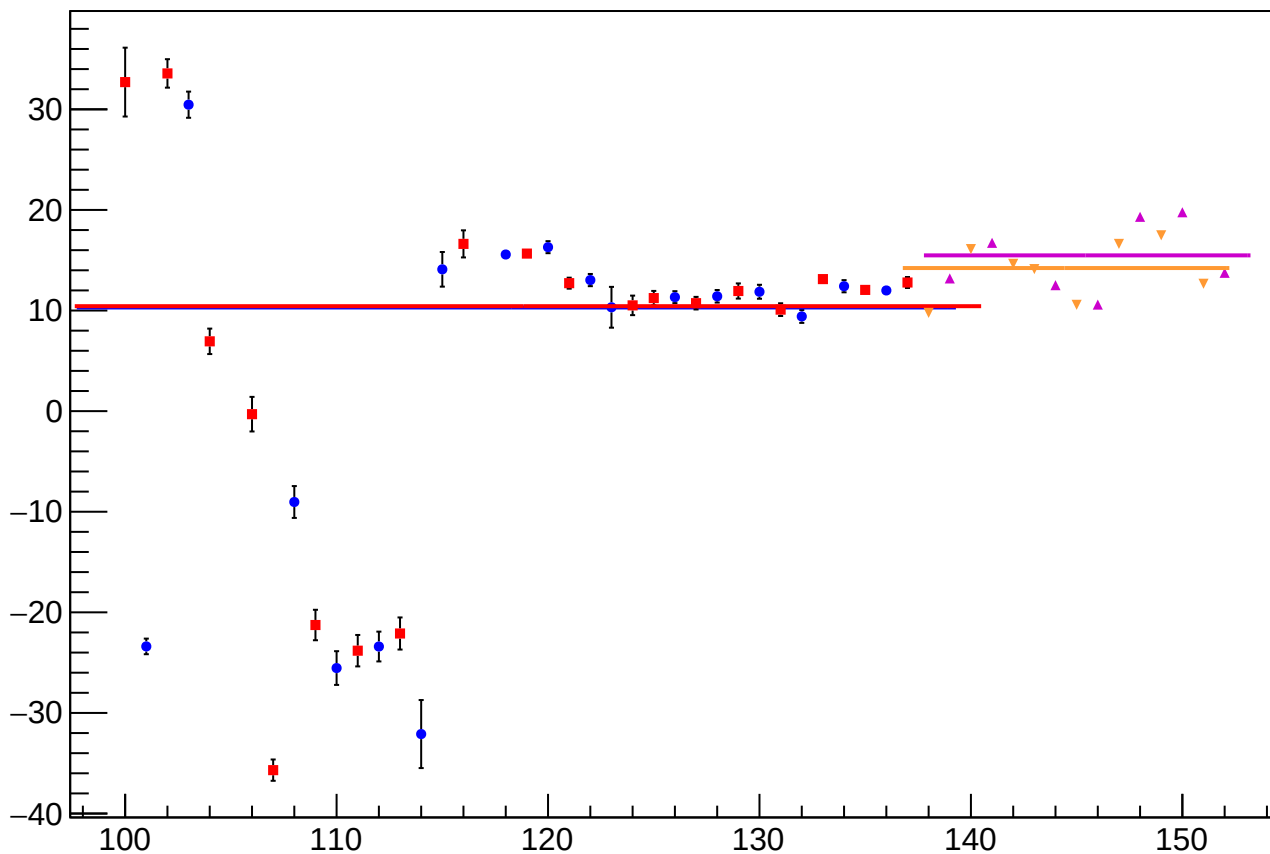
Right: 3.437 ± 0.185 χ^2/NDF : 511.7/35

In: -5.450 ± 0.122 χ^2/NDF : 2438.6/23

Out: -3.546 ± 0.124 χ^2/NDF : 2269.6/26

All: -4.510 ± 0.087 χ^2/NDF : 4828.4/50

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 14.224+/-0.123 χ^2/NDF : 475.4/7

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: 14.825+/-0.089 χ^2/NDF : 1163.4/14

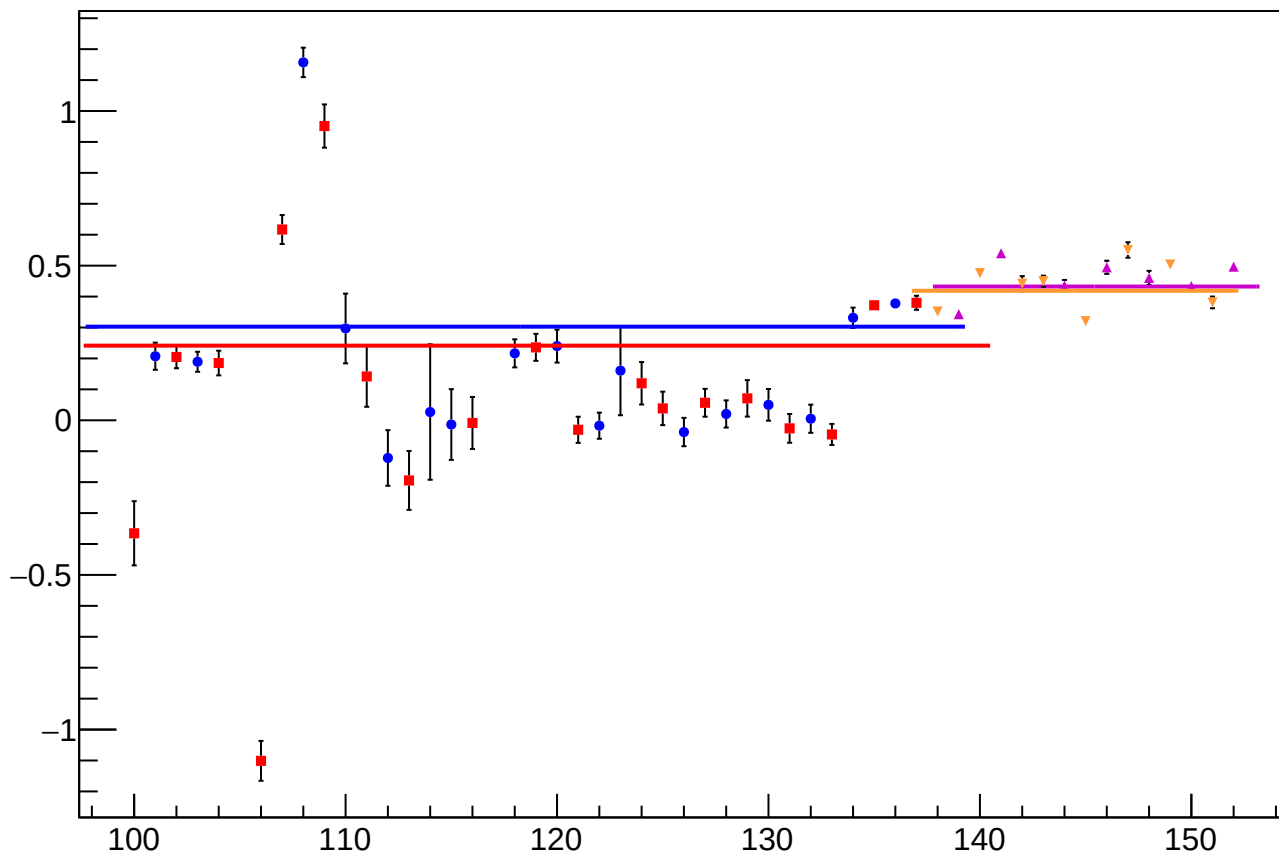
Right: 10.368+/-0.112 χ^2/NDF : 7541.1/35

In: 13.405+/-0.099 χ^2/NDF : 5002.9/23

Out: 12.818+/-0.097 χ^2/NDF : 4657.5/26

All: 13.106+/-0.070 χ^2/NDF : 9678.2/50

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: 0.419 $\pm$ 0.006 χ^2 /NDF:154.5/7

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: 0.426 $\pm$ 0.004 χ^2 /NDF: 330.4/14

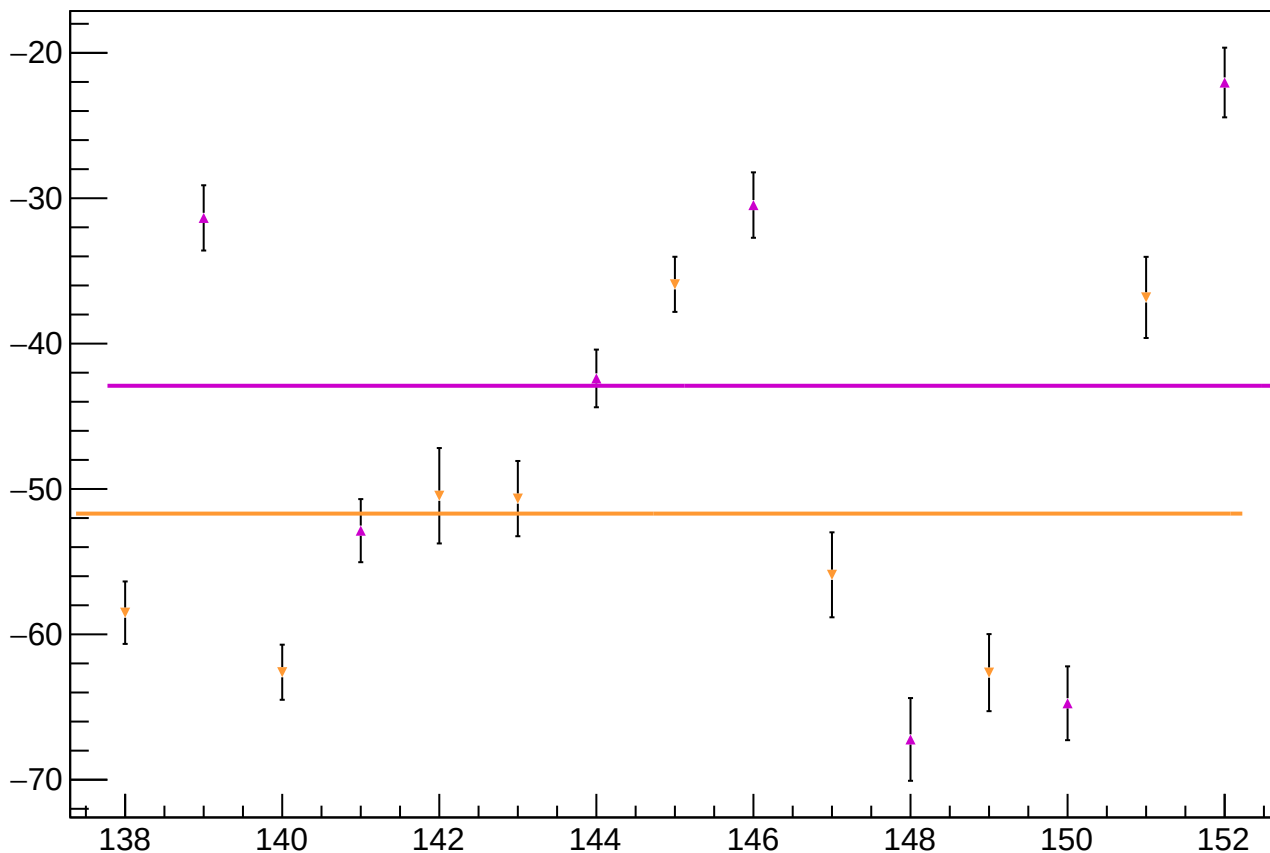
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.392 $\pm$ 0.005 χ^2 /NDF:992.0/23

Out: 0.363 $\pm$ 0.005 χ^2 /NDF:1440.4/26

All: 0.378 $\pm$ 0.003 χ^2 /NDF: 2451.7/50

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -51.693+/-0.844 χ^2/NDF :160.2/7

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: -47.439+/-0.607 χ^2/NDF : 513.6/14

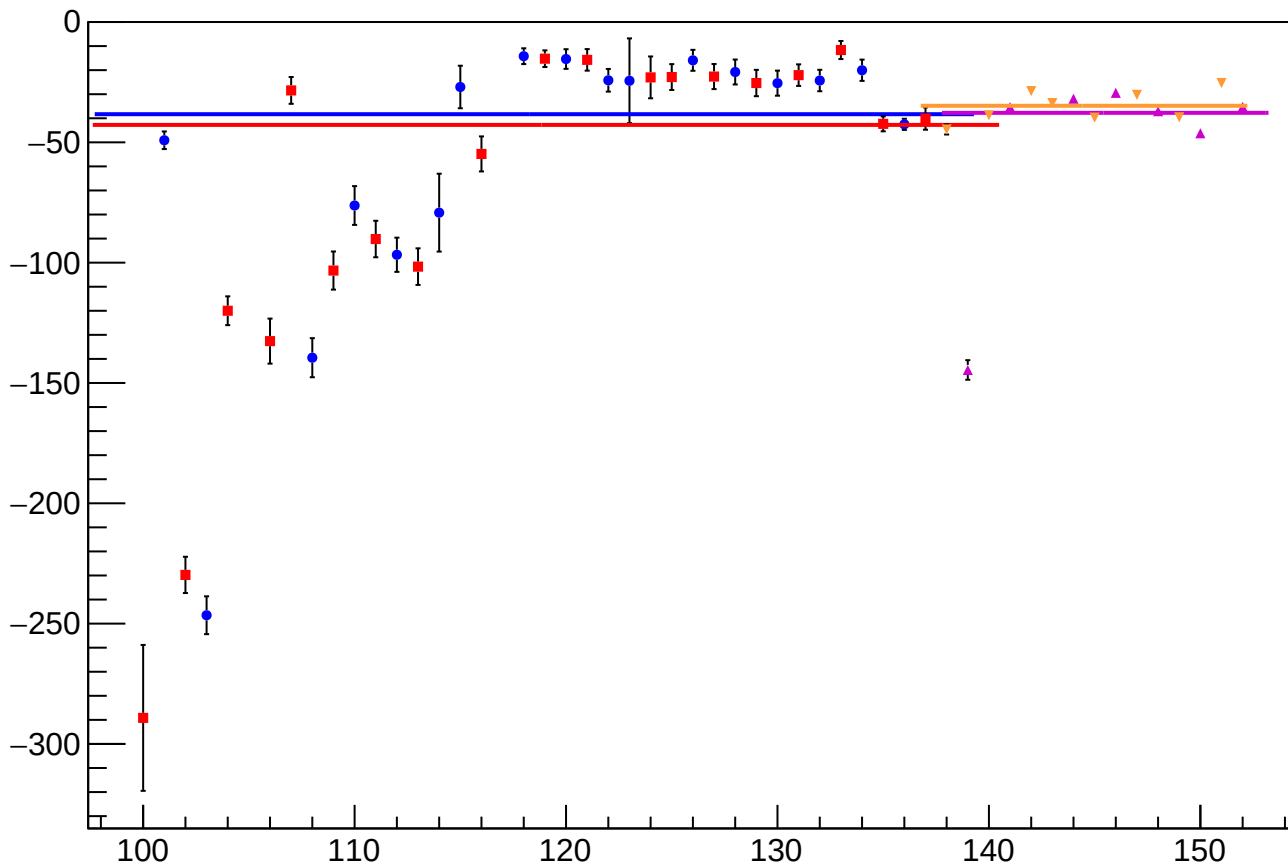
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.900+/-0.872 χ^2/NDF :300.9/6

Out: -51.693+/-0.844 χ^2/NDF :160.2/7

All: -47.439+/-0.607 χ^2/NDF : 513.6/14

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: -34.807 ± 0.592 $\chi^2/\text{NDF}: 99.3/7$

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: -36.224 ± 0.426 $\chi^2/\text{NDF}: 882.1/14$

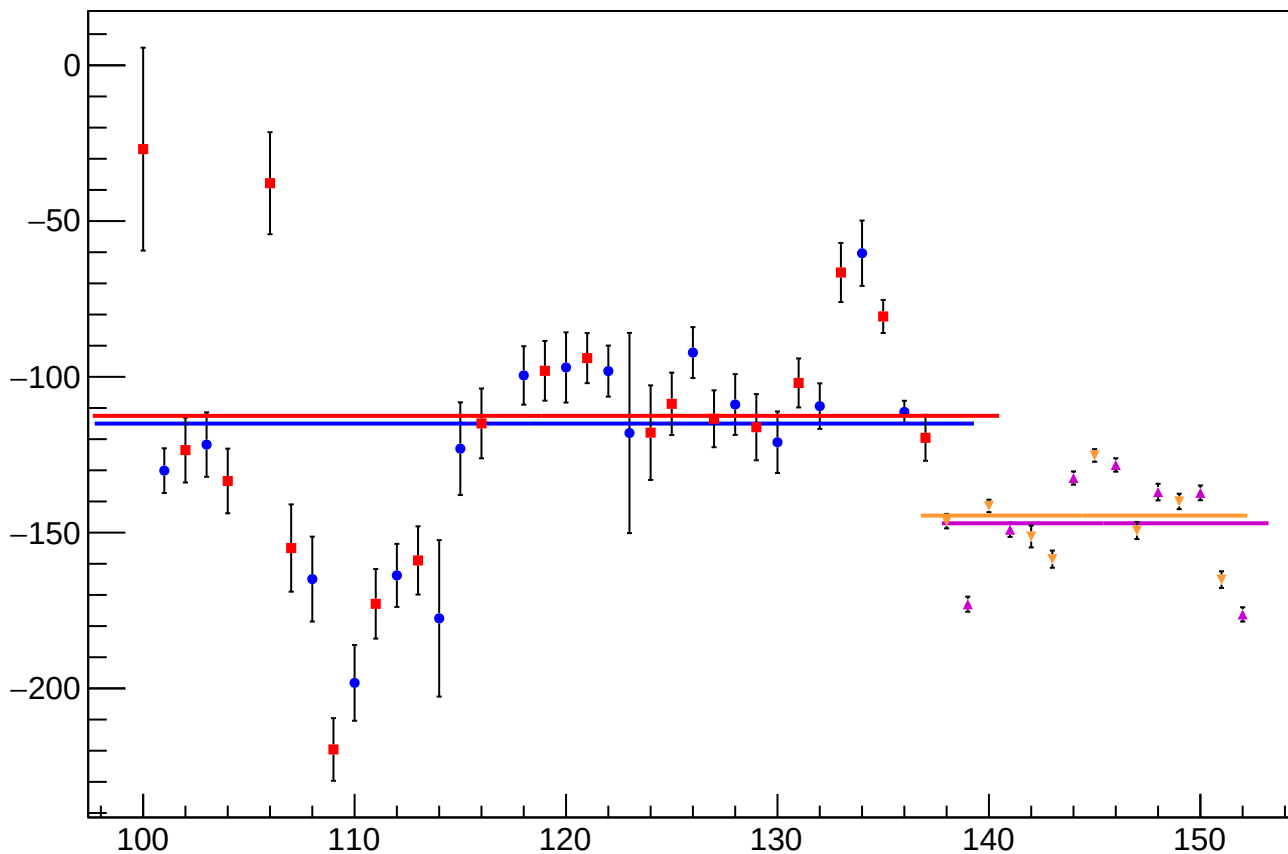
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -37.868 ± 0.539 $\chi^2/\text{NDF}: 1903.8/23$

Out: -36.341 ± 0.532 $\chi^2/\text{NDF}: 1475.7/26$

All: -37.094 ± 0.379 $\chi^2/\text{NDF}: 3383.6/50$

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: -144.522 ± 0.869 $\chi^2/\text{NDF}: 189.3/7$

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: -145.746 ± 0.617 $\chi^2/\text{NDF}: 624.1/14$

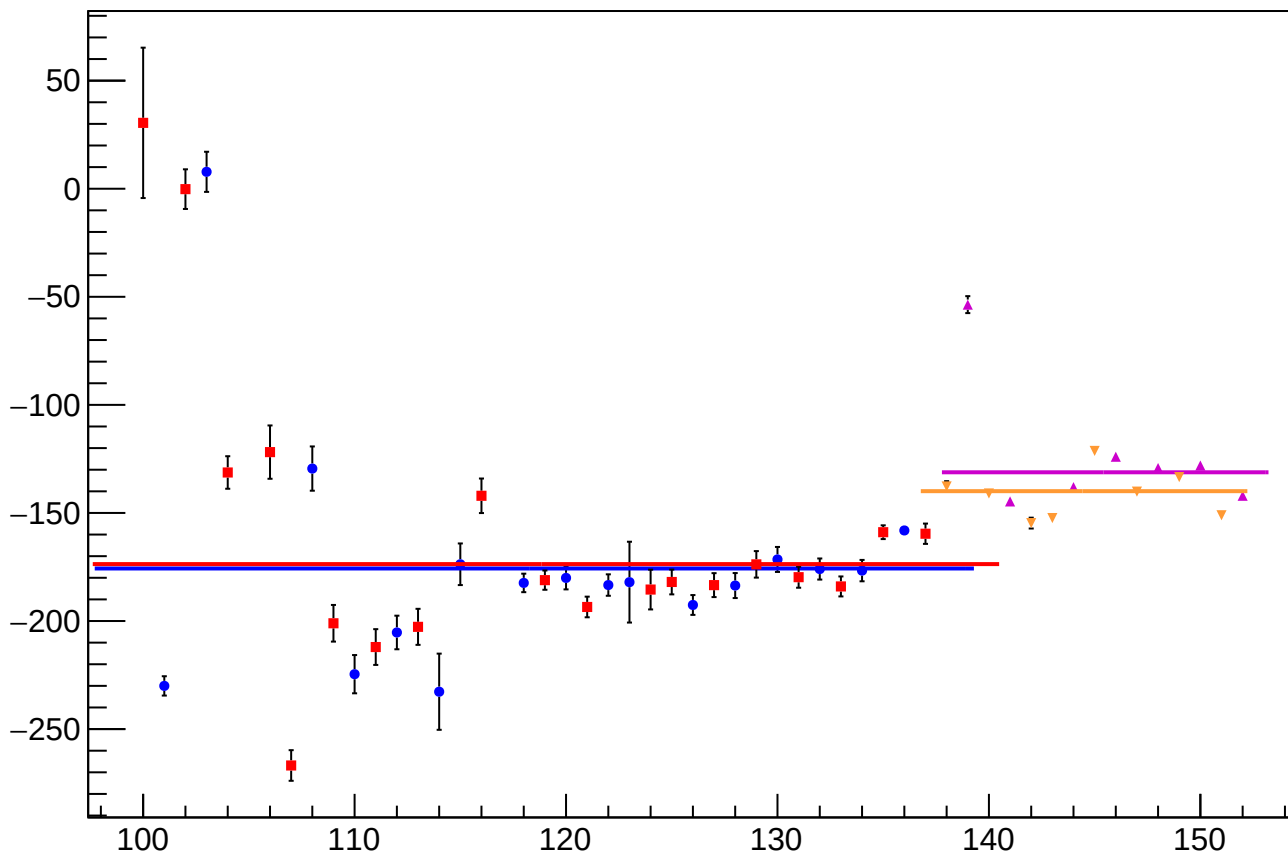
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -142.136 ± 0.807 $\chi^2/\text{NDF}: 774.8/23$

Out: -140.225 ± 0.808 $\chi^2/\text{NDF}: 644.6/26$

All: -141.182 ± 0.571 $\chi^2/\text{NDF}: 1422.2/50$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF : 692.9/16

Left Out: -139.925+/-0.728 χ^2/NDF : 218.7/7

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: -135.688+/-0.522 χ^2/NDF : 795.7/14

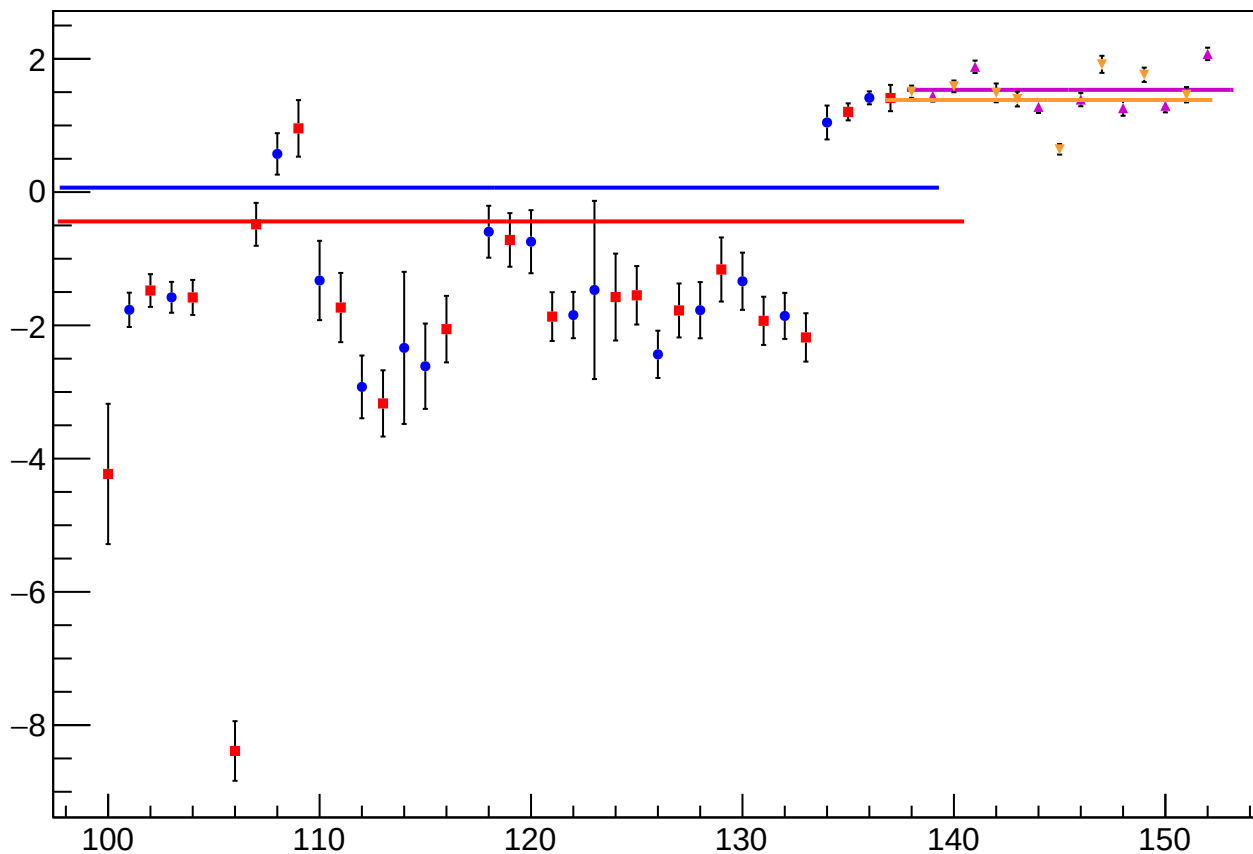
Right: -174.749+/-0.926 χ^2/NDF : 1431.8/35

In: -142.727+/-0.645 χ^2/NDF : 2113.3/23

Out: -147.474+/-0.641 χ^2/NDF : 1437.1/26

All: -145.115+/-0.455 χ^2/NDF : 3577.6/50

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: 1.383 $\pm$ 0.036 χ^2 /NDF:125.7/7

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: 1.459 $\pm$ 0.026 χ^2 /NDF: 204.1/14

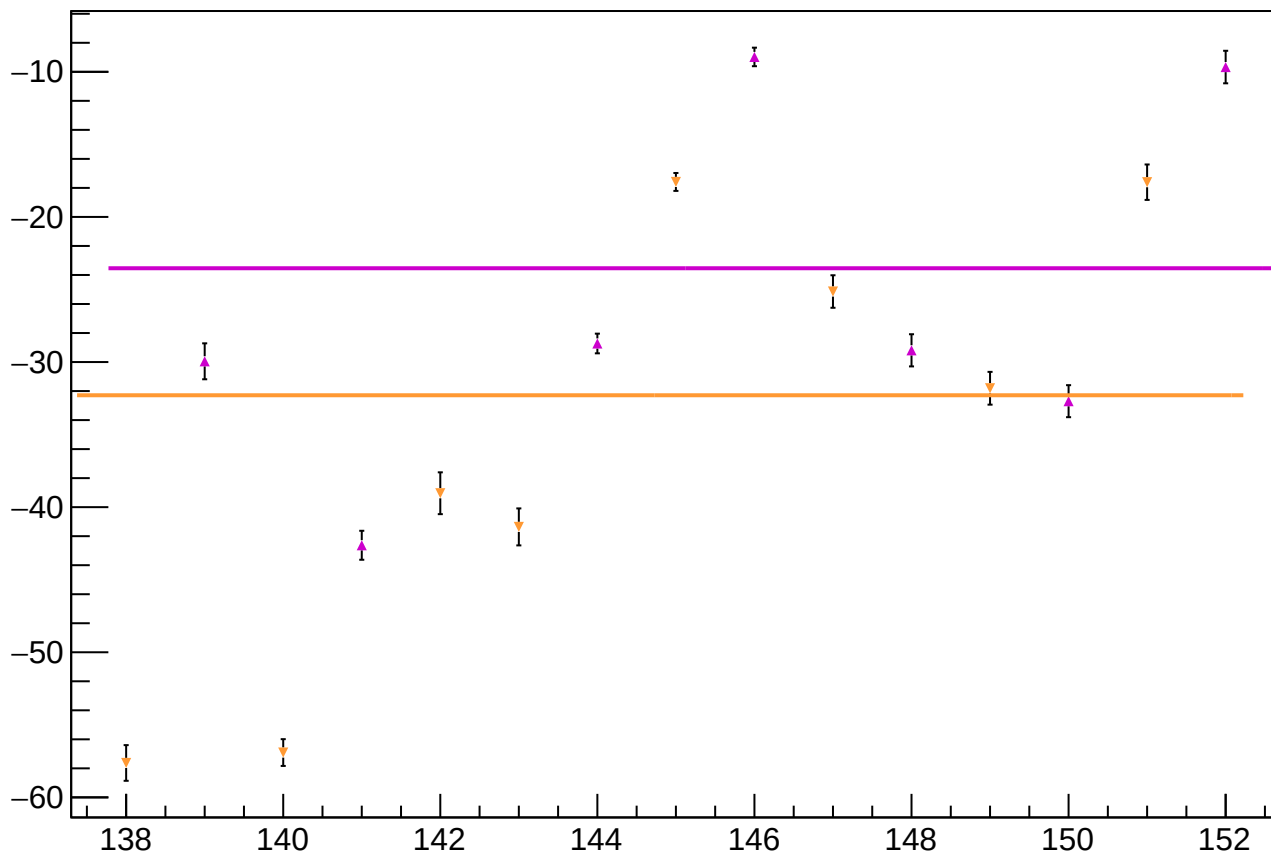
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1308.0/35

In: 1.202 $\pm$ 0.032 χ^2 /NDF:967.2/23

Out: 1.006 $\pm$ 0.032 χ^2 /NDF:1402.1/26

All: 1.105 $\pm$ 0.023 χ^2 /NDF: 2387.8/50

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -32.289 ± 0.358 χ^2/NDF : 1962.5/7

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: -27.673 ± 0.246 χ^2/NDF : 3497.0/14

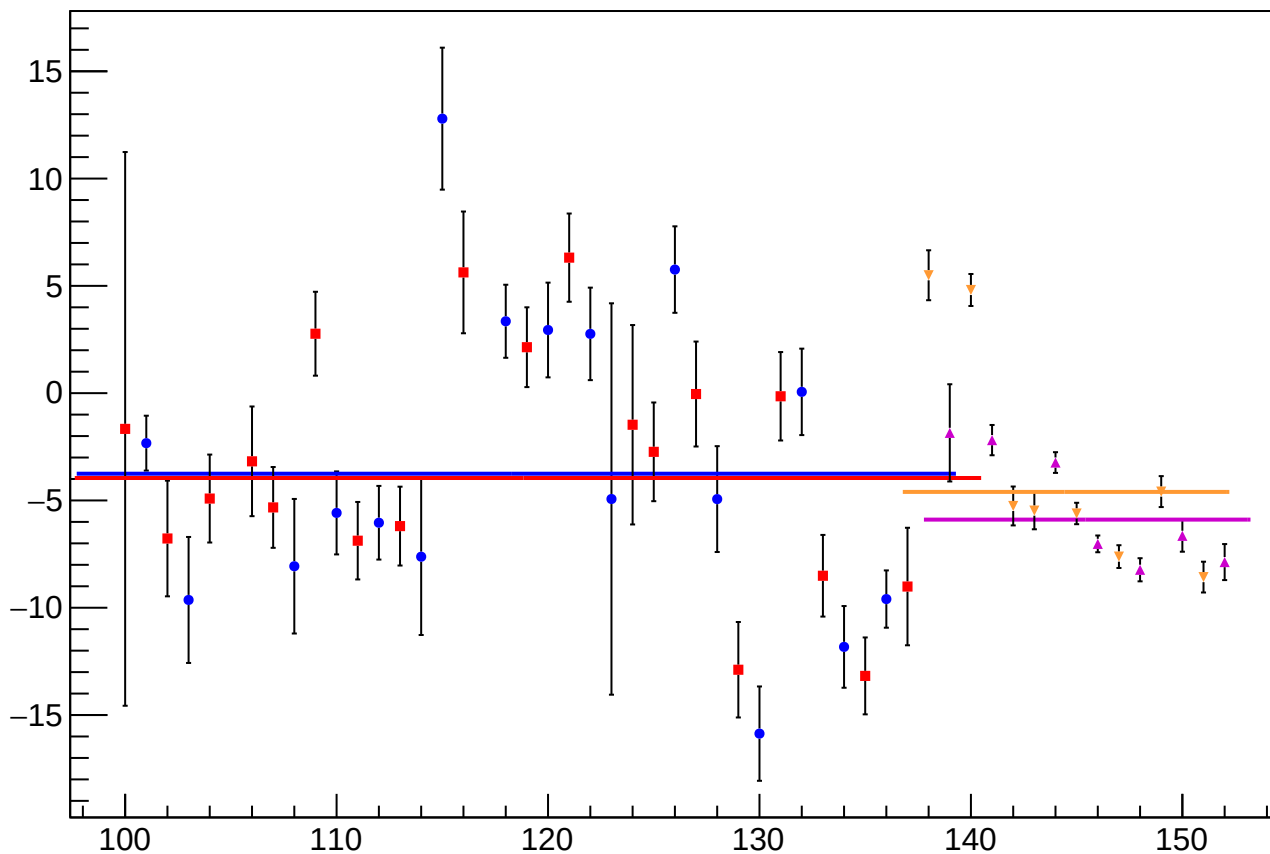
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Out: -32.289 ± 0.358 χ^2/NDF : 1962.5/7

All: -27.673 ± 0.246 χ^2/NDF : 3497.0/14

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754±0.495 χ^2/NDF : 165.3/16

Left Out: -4.602±0.246 χ^2/NDF : 303.1/7

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±0.166 χ^2/NDF : 413.0/14

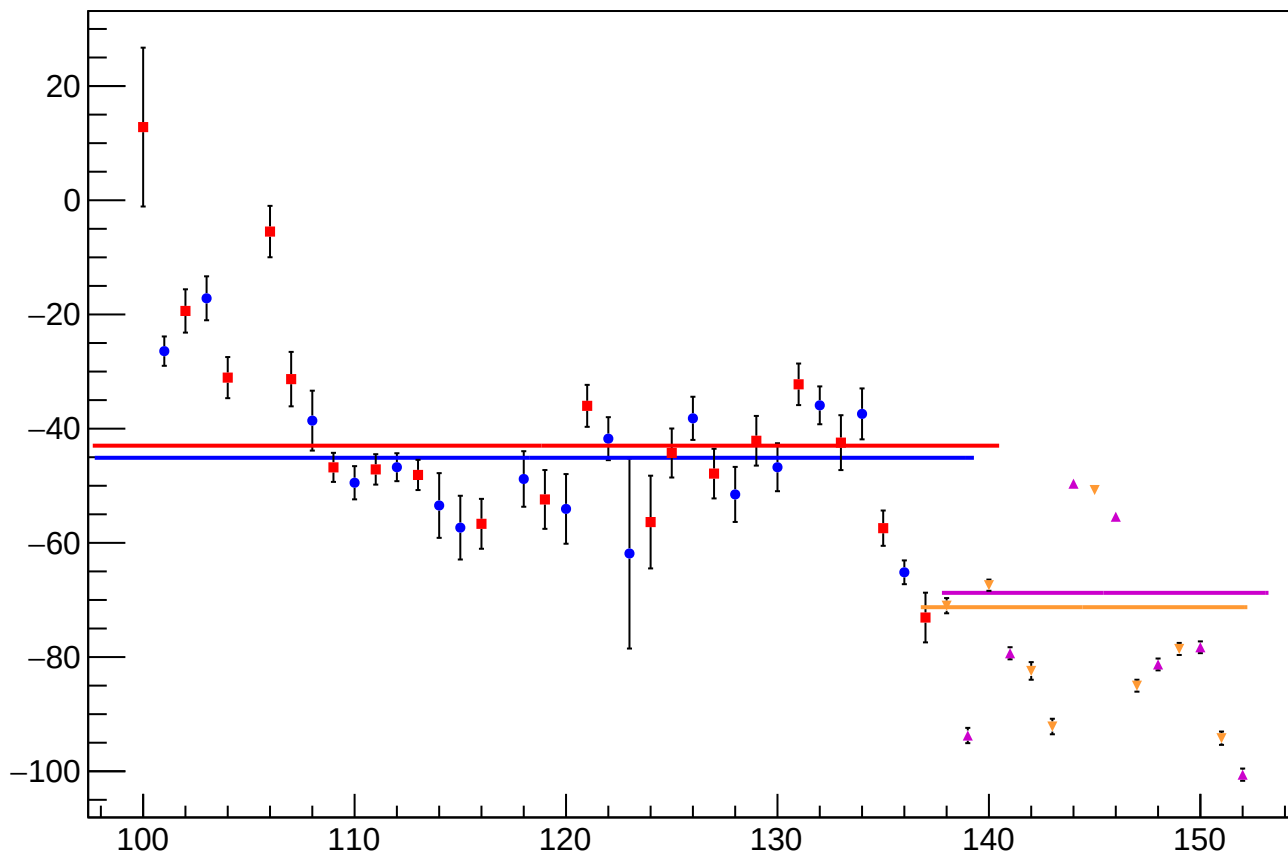
Right: -3.852±0.354 χ^2/NDF : 288.7/35

In: -5.527±0.205 χ^2/NDF : 275.7/23

Out: -4.478±0.221 χ^2/NDF : 427.7/26

All: -5.043±0.150 χ^2/NDF : 715.5/50

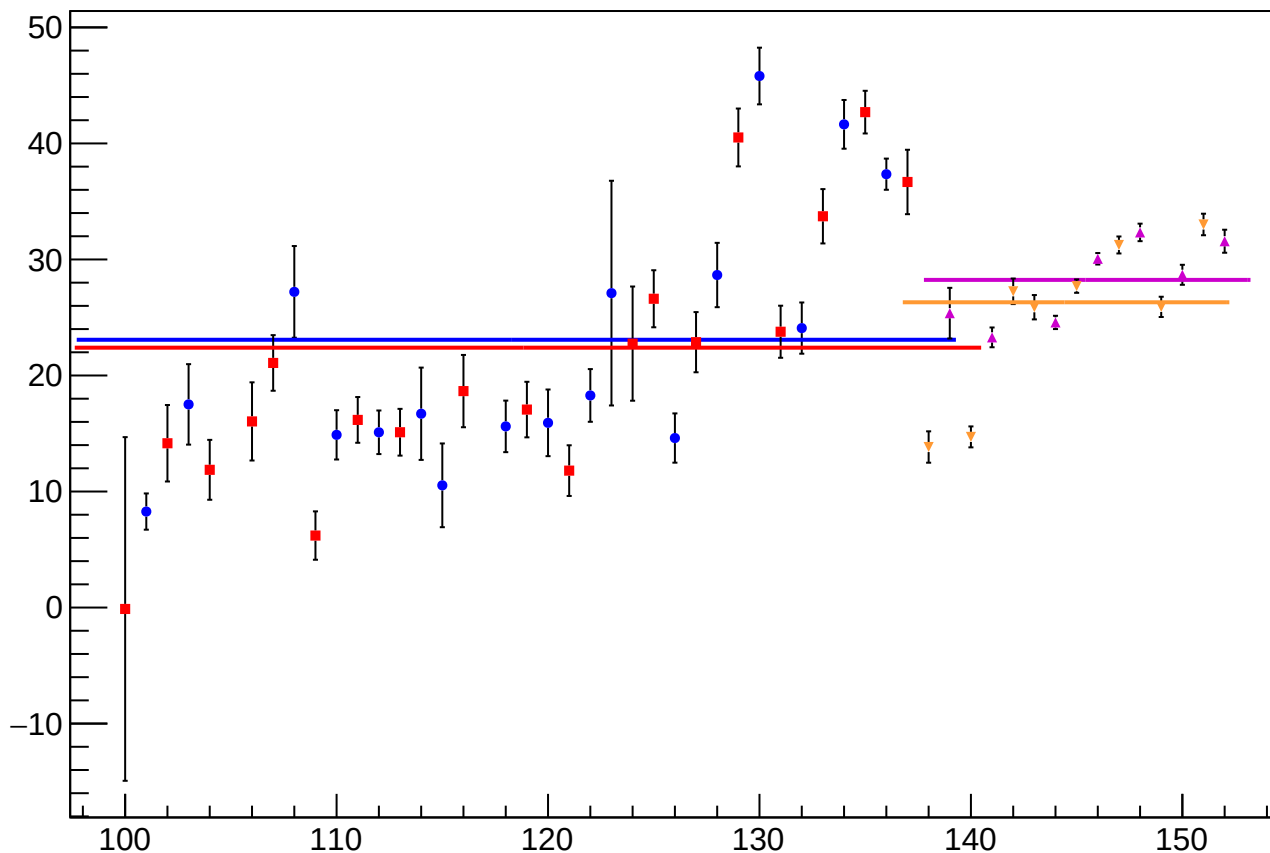
reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16
 Left Out: -71.266 ± 0.367 χ^2/NDF : 1889.4/7
 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: -69.909 ± 0.249 χ^2/NDF : 4639.5/14
 Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35
 In: -65.712 ± 0.316 χ^2/NDF : 3582.9/23
 Out: -67.057 ± 0.338 χ^2/NDF : 3023.1/26
 All: -66.338 ± 0.231 χ^2/NDF : 6614.4/50

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: 26.310 $\pm$ 0.303 χ^2 /NDF:355.0/7

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: 27.355 $\pm$ 0.205 χ^2 /NDF: 507.8/14

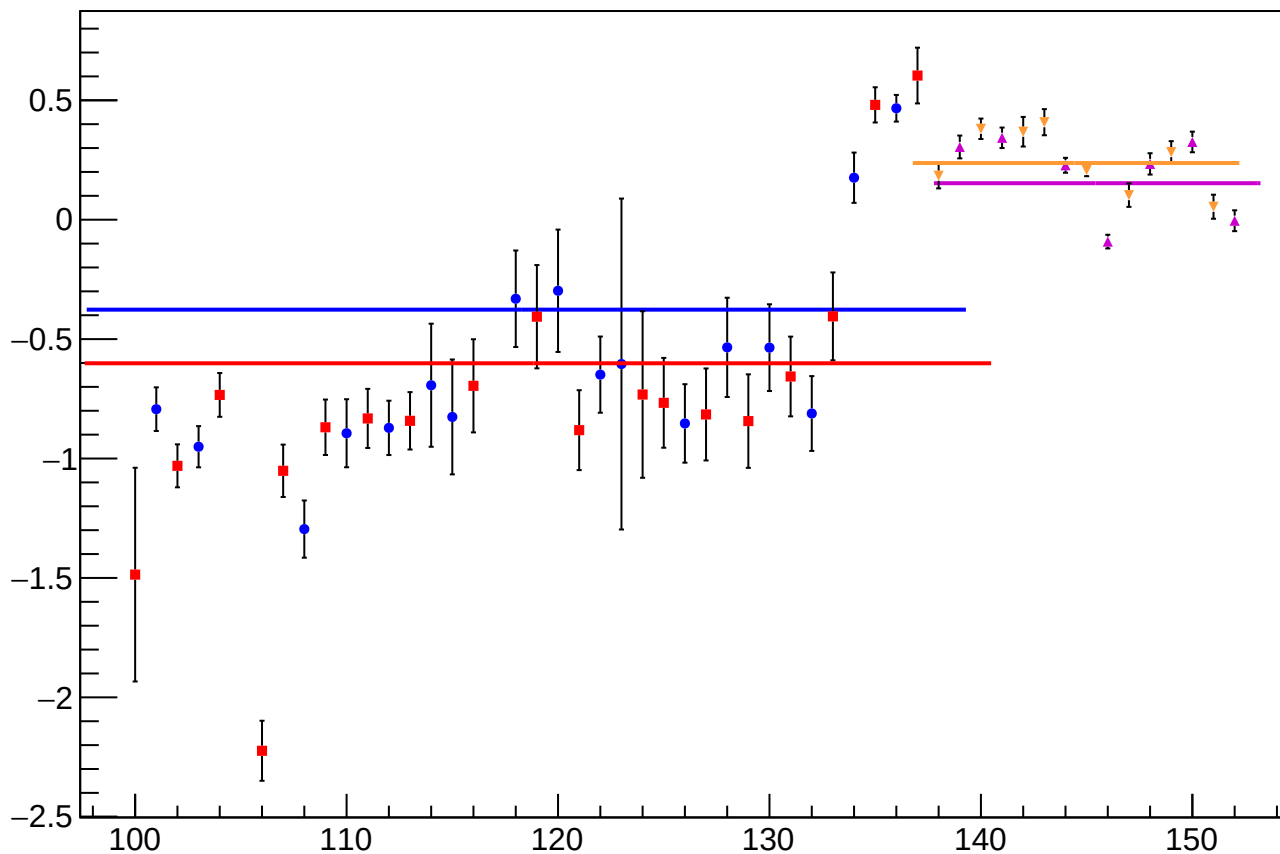
Right: 22.748 $\pm$ 0.399 χ^2 /NDF: 832.1/35

In: 27.200 $\pm$ 0.249 χ^2 /NDF:660.9/23

Out: 25.451 $\pm$ 0.268 χ^2 /NDF:761.7/26

All: 26.389 $\pm$ 0.183 χ^2 /NDF: 1445.5/50

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.237 ± 0.015 $\chi^2/\text{NDF}: 49.4/7$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

Left In: 0.153 ± 0.014 $\chi^2/\text{NDF}: 140.5/6$

Left: 0.193 ± 0.011 $\chi^2/\text{NDF}: 206.1/14$

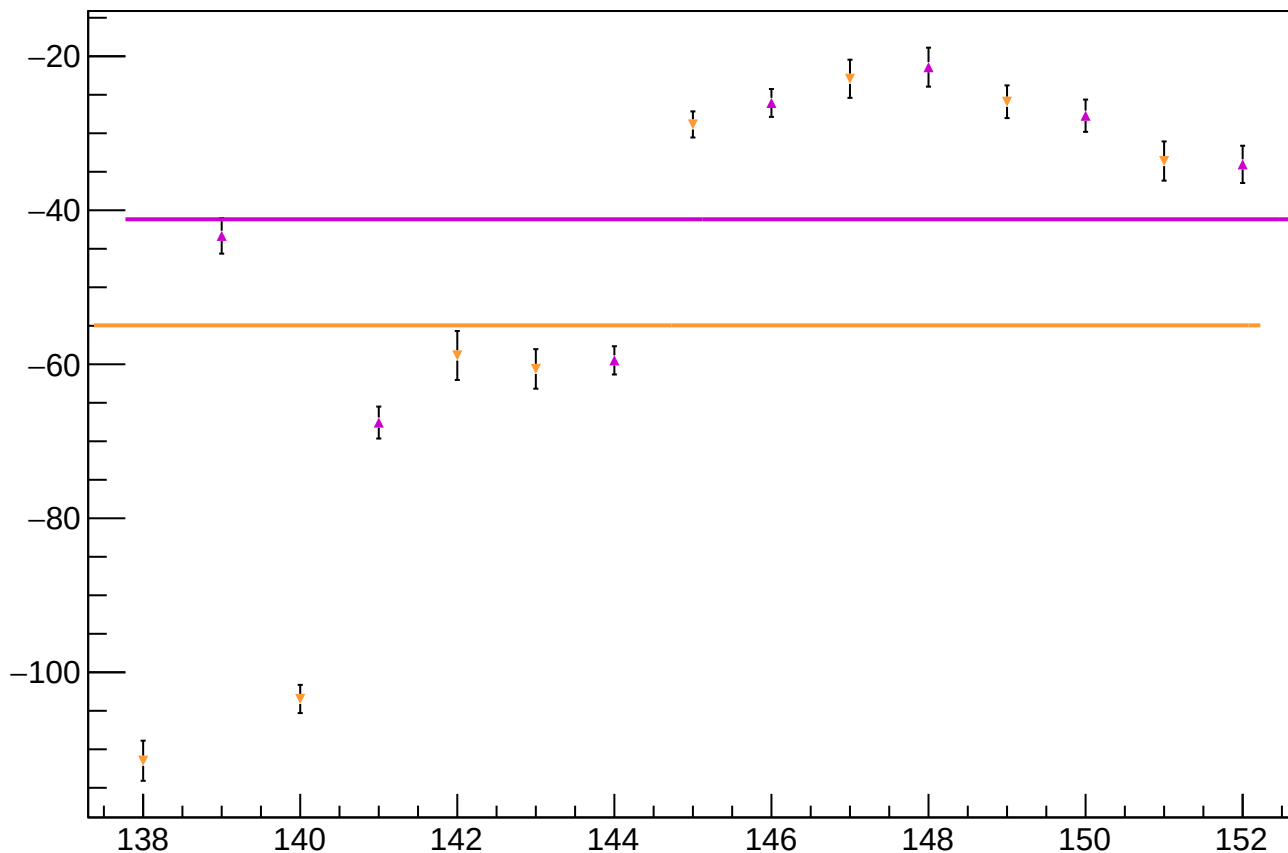
Right: -0.489 ± 0.021 $\chi^2/\text{NDF}: 1020.5/35$

In: 0.053 ± 0.013 $\chi^2/\text{NDF}: 829.4/23$

Out: 0.066 ± 0.014 $\chi^2/\text{NDF}: 1219.8/26$

All: 0.060 ± 0.009 $\chi^2/\text{NDF}: 2049.7/50$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -54.946+/-0.795 χ^2/NDF :1839.8/7

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: -48.072+/-0.563 χ^2/NDF : 2432.6/14

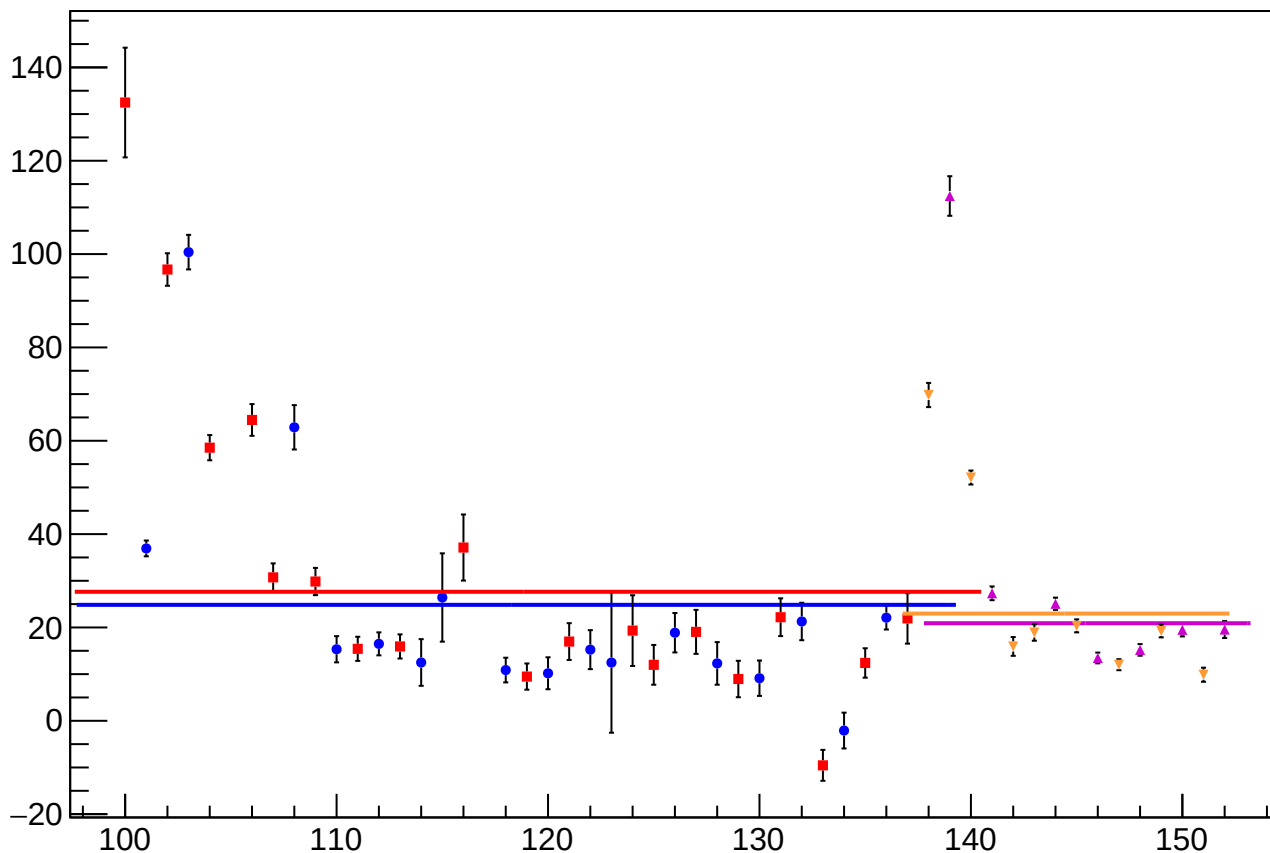
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.171+/-0.796 χ^2/NDF :442.9/6

Out: -54.946+/-0.795 χ^2/NDF :1839.8/7

All: -48.072+/-0.563 χ^2/NDF : 2432.6/14

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 22.974 $\pm$ 0.545 χ^2 /NDF:893.4/7

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

Left In: 20.908 $\pm$ 0.551 χ^2 /NDF:559.0/6

Left: 21.951 $\pm$ 0.388 χ^2 /NDF: 1459.6/14

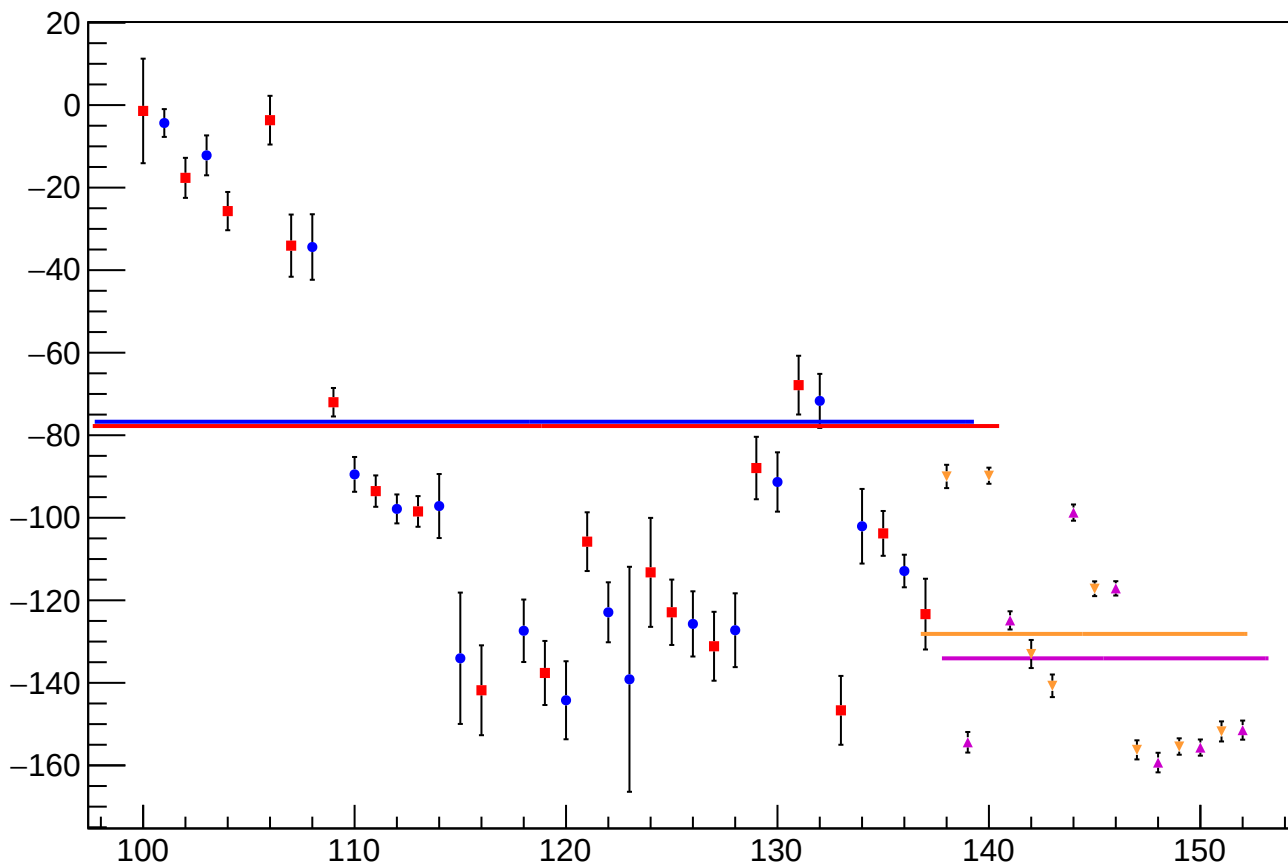
Right: 26.231 $\pm$ 0.570 χ^2 /NDF: 1706.0/35

In: 22.173 $\pm$ 0.454 χ^2 /NDF:1266.3/23

Out: 24.431 $\pm$ 0.453 χ^2 /NDF:1925.5/26

All: 23.305 $\pm$ 0.320 χ^2 /NDF: 3204.2/50

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -128.142 ± 0.809 χ^2/NDF : 1059.3/7

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

Left In: -134.064 ± 0.796 χ^2/NDF : 792.8/6

Left: -131.152 ± 0.567 χ^2/NDF : 1879.3/14

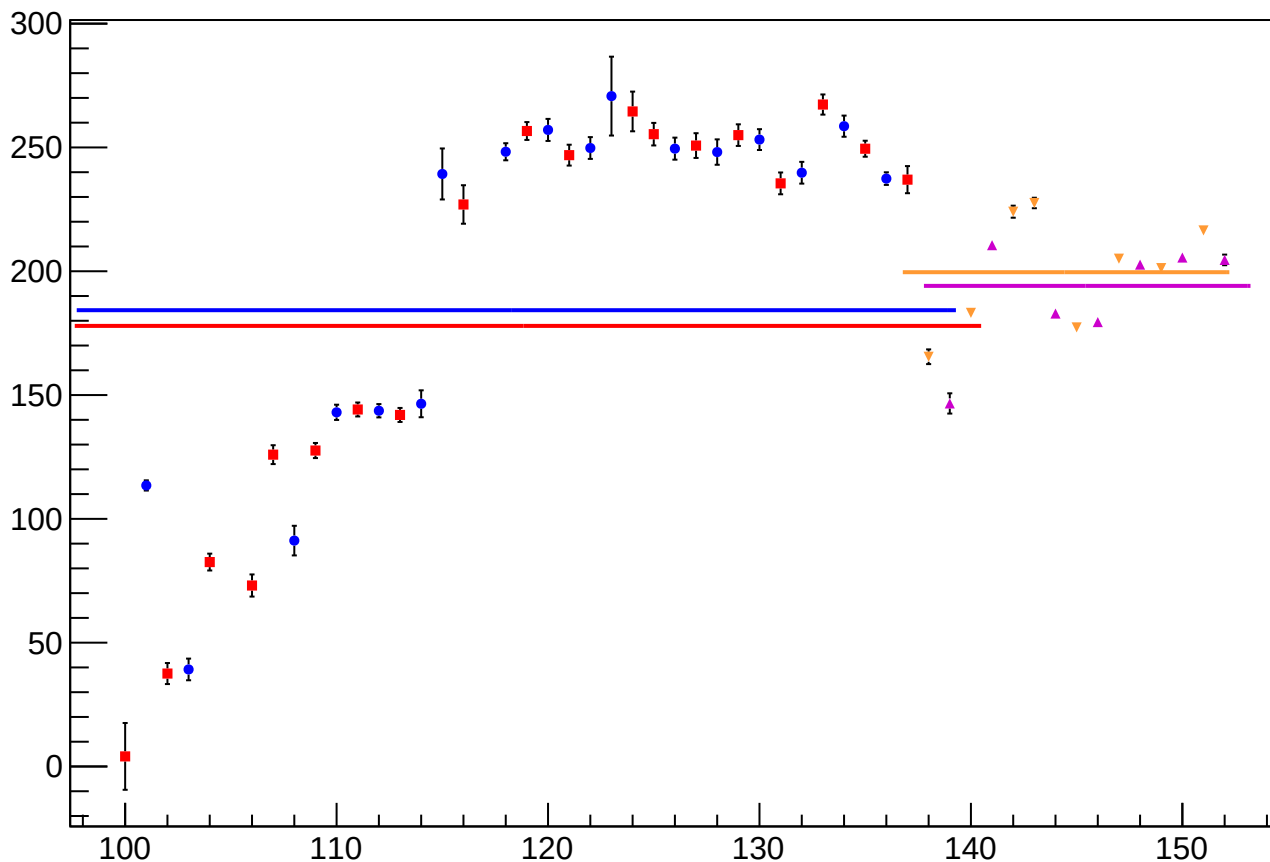
Right: -77.273 ± 0.977 χ^2/NDF : 1914.1/35

In: -120.250 ± 0.693 χ^2/NDF : 3086.0/23

Out: -114.868 ± 0.694 χ^2/NDF : 2952.8/26

All: -117.563 ± 0.491 χ^2/NDF : 6068.9/50

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: 199.616 $\pm$ 0.672 χ^2 /NDF: 769.9/7

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: 196.861 $\pm$ 0.476 χ^2 /NDF: 1277.1/14

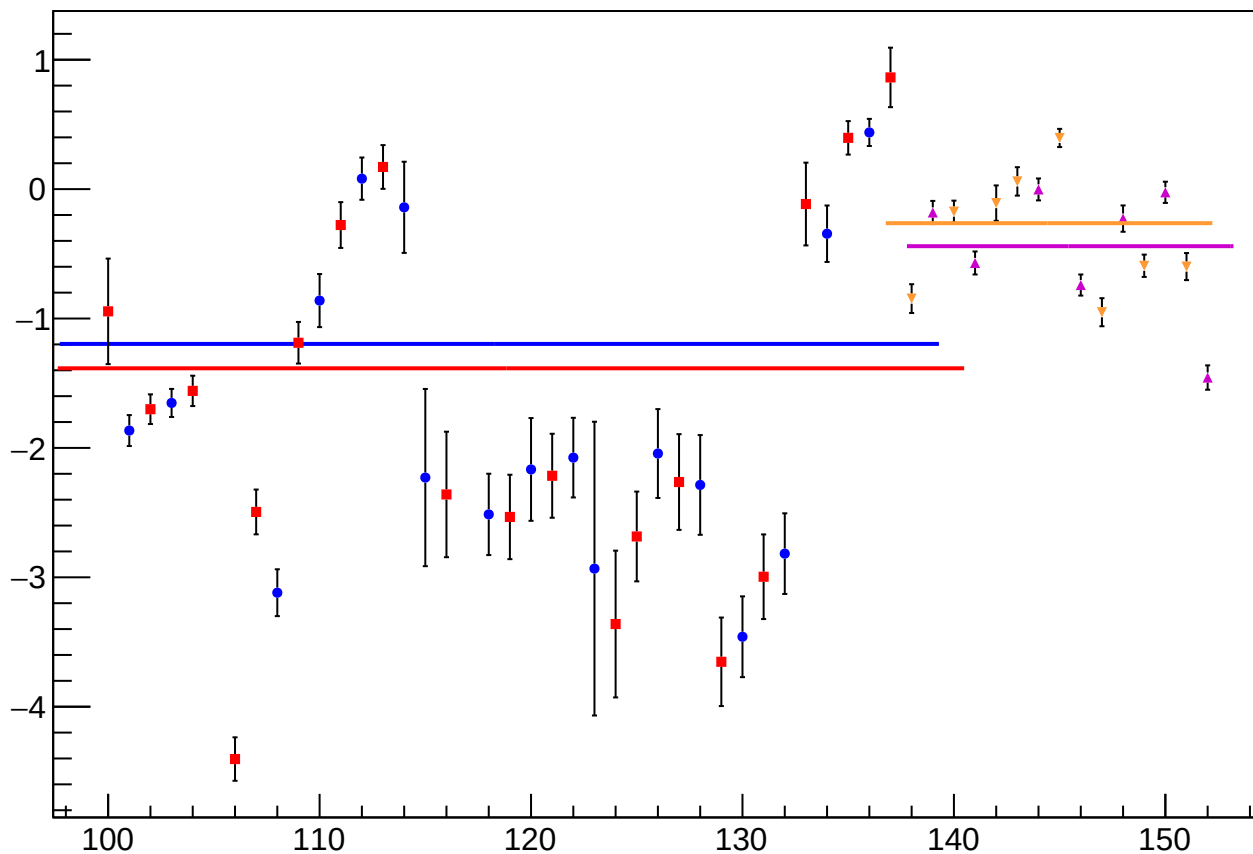
Right: 181.136 $\pm$ 0.650 χ^2 /NDF: 11755.7/35

In: 190.632 $\pm$ 0.542 χ^2 /NDF: 5949.3/23

Out: 192.108 $\pm$ 0.544 χ^2 /NDF: 7461.0/26

All: 191.368 $\pm$ 0.384 χ^2 /NDF: 13414.0/50

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.263 ± 0.034 χ^2/NDF : 191.3/7

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: -0.354 ± 0.024 χ^2/NDF : 402.7/14

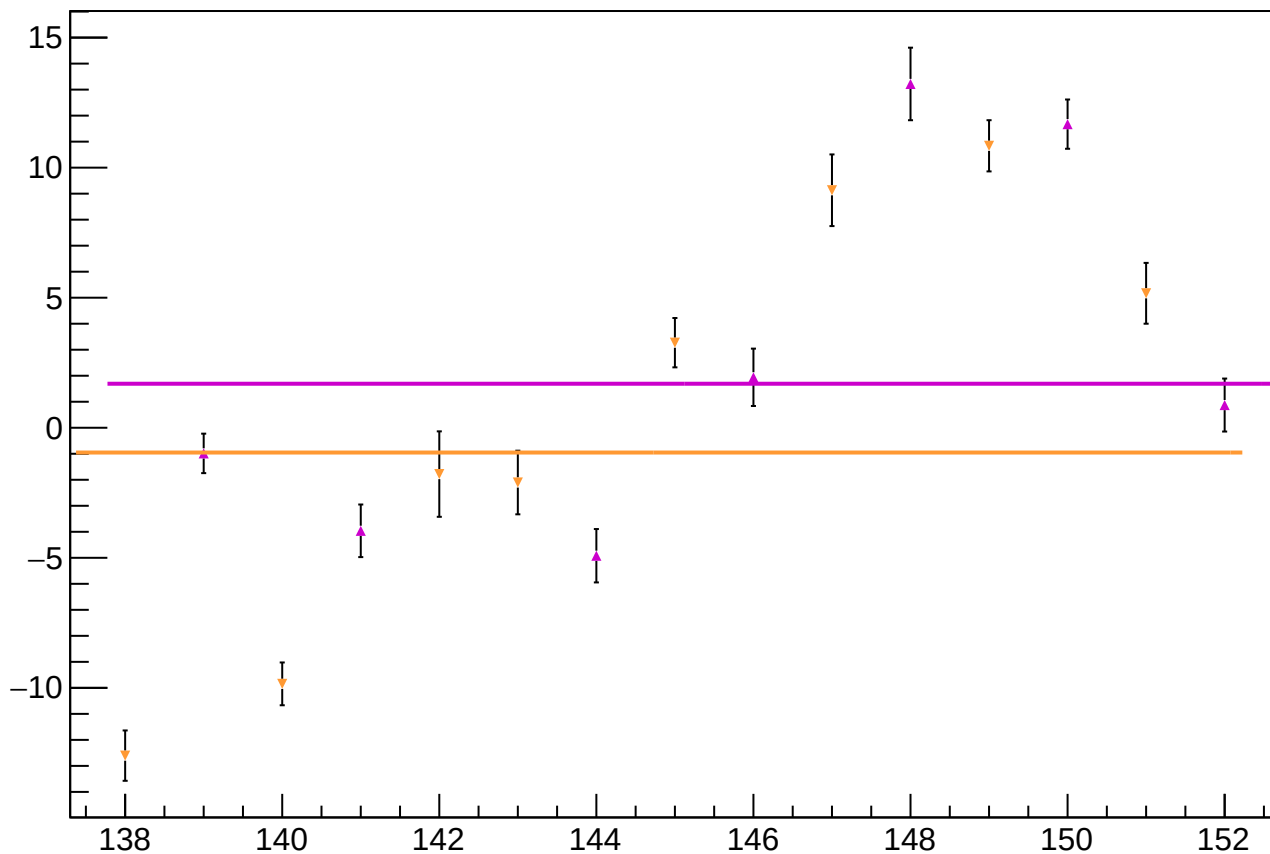
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.686 ± 0.027 χ^2/NDF : 987.1/23

Out: -0.660 ± 0.027 χ^2/NDF : 1503.4/26

All: -0.673 ± 0.019 χ^2/NDF : 2491.0/50

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.952+/-0.378 χ^2/NDF :507.4/7

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: 0.379+/-0.267 χ^2/NDF : 797.2/14

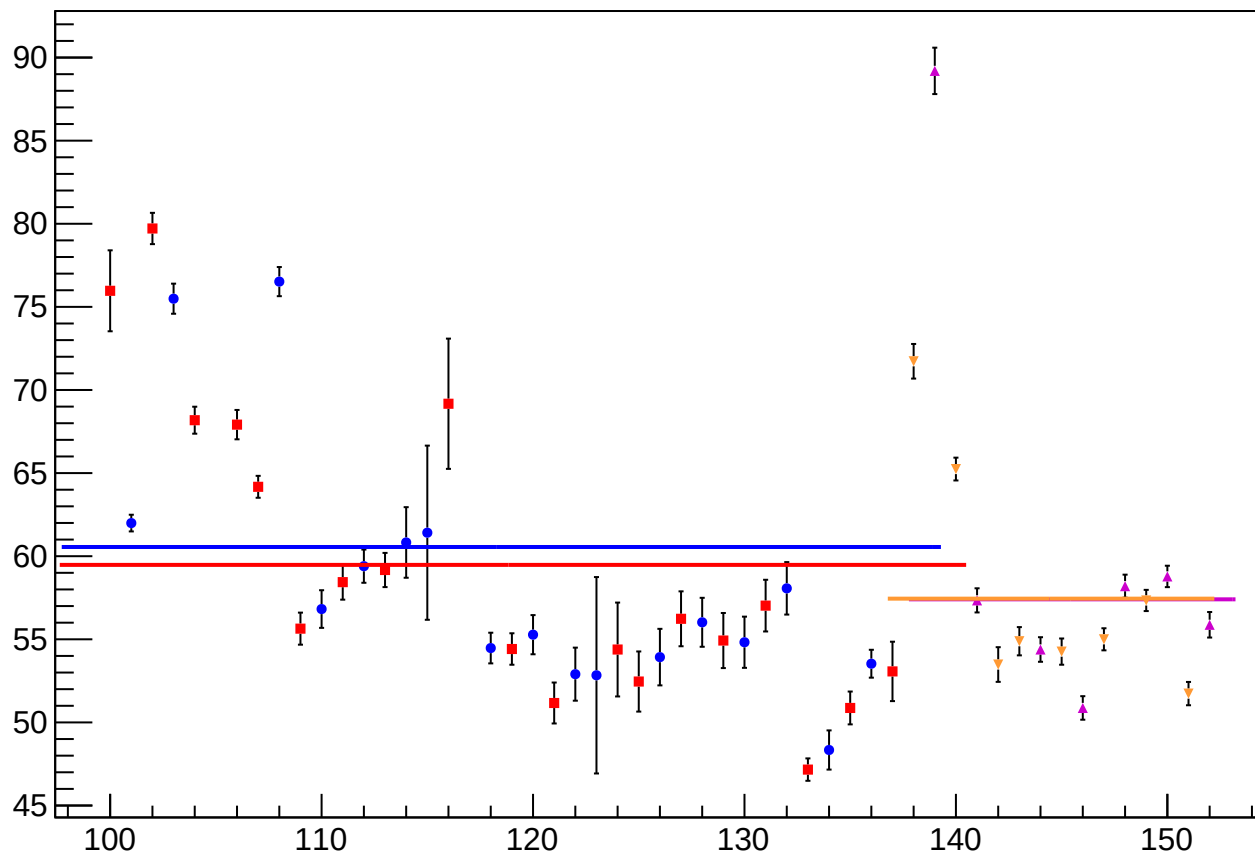
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.692+/-0.376 χ^2/NDF :265.3/6

Out: -0.952+/-0.378 χ^2/NDF :507.4/7

All: 0.379+/-0.267 χ^2/NDF : 797.2/14

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 57.446 ± 0.270 $\chi^2/\text{NDF}: 436.9/7$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

Left In: 57.405 ± 0.284 $\chi^2/\text{NDF}: 630.4/6$

Left: 57.426 ± 0.196 $\chi^2/\text{NDF}: 1067.3/14$

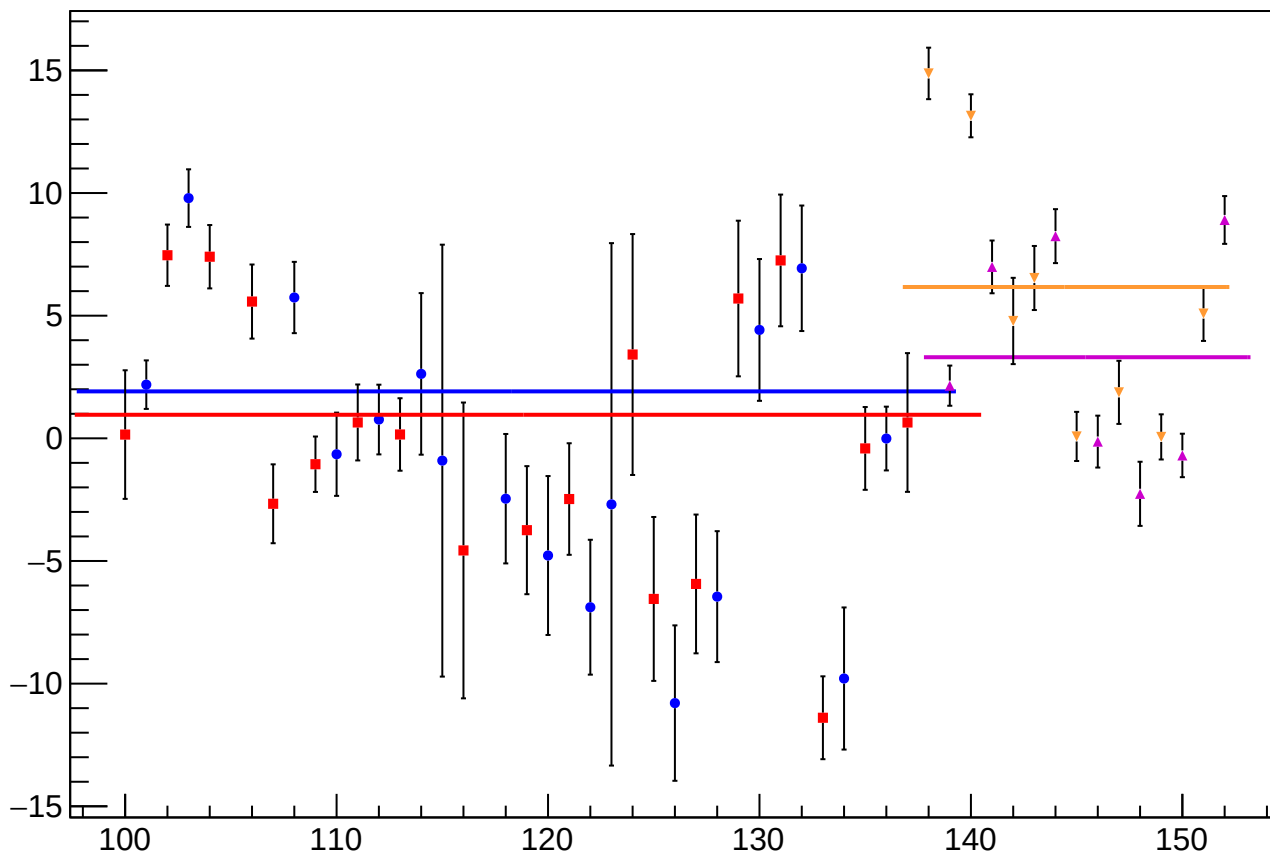
Right: 59.987 ± 0.180 $\chi^2/\text{NDF}: 2256.7/35$

In: 59.107 ± 0.192 $\chi^2/\text{NDF}: 1627.8/23$

Out: 58.548 ± 0.183 $\chi^2/\text{NDF}: 1784.6/26$

All: 58.813 ± 0.132 $\chi^2/\text{NDF}: 3416.8/50$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 6.169 ± 0.386 χ^2/NDF : 226.0/7

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

Left In: 3.307 ± 0.378 χ^2/NDF : 116.0/6

Left: 4.708 ± 0.270 χ^2/NDF : 370.0/14

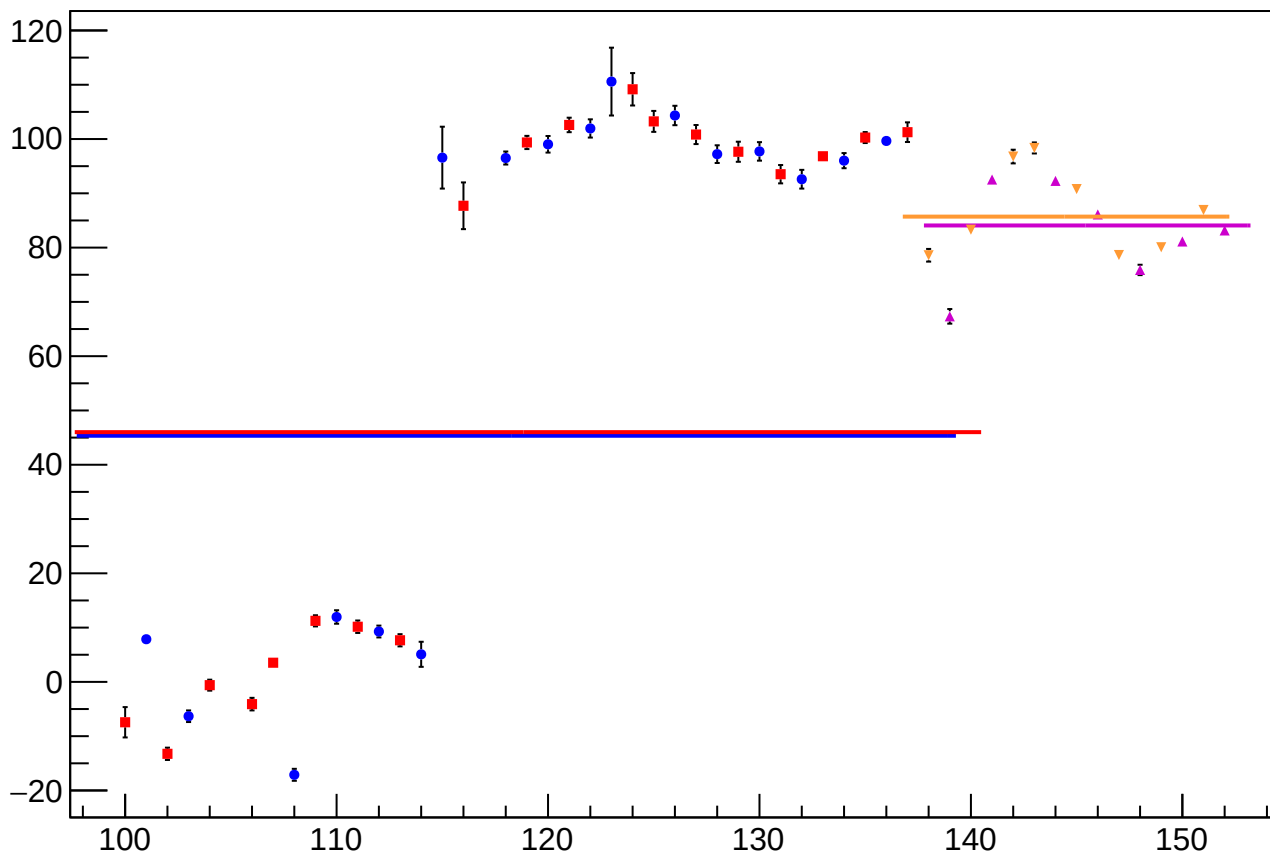
Right: 1.401 ± 0.311 χ^2/NDF : 273.4/35

In: 2.741 ± 0.292 χ^2/NDF : 243.1/23

Out: 3.808 ± 0.286 χ^2/NDF : 457.9/26

All: 3.286 ± 0.204 χ^2/NDF : 707.8/50

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 85.709+/-0.330 χ^2/NDF : 426.0/7

Right Out: 46.007+/-0.289 χ^2/NDF : 28219.9/18

Left In: 84.078+/-0.341 χ^2/NDF : 433.2/6

Left: 84.920+/-0.237 χ^2/NDF : 871.1/14

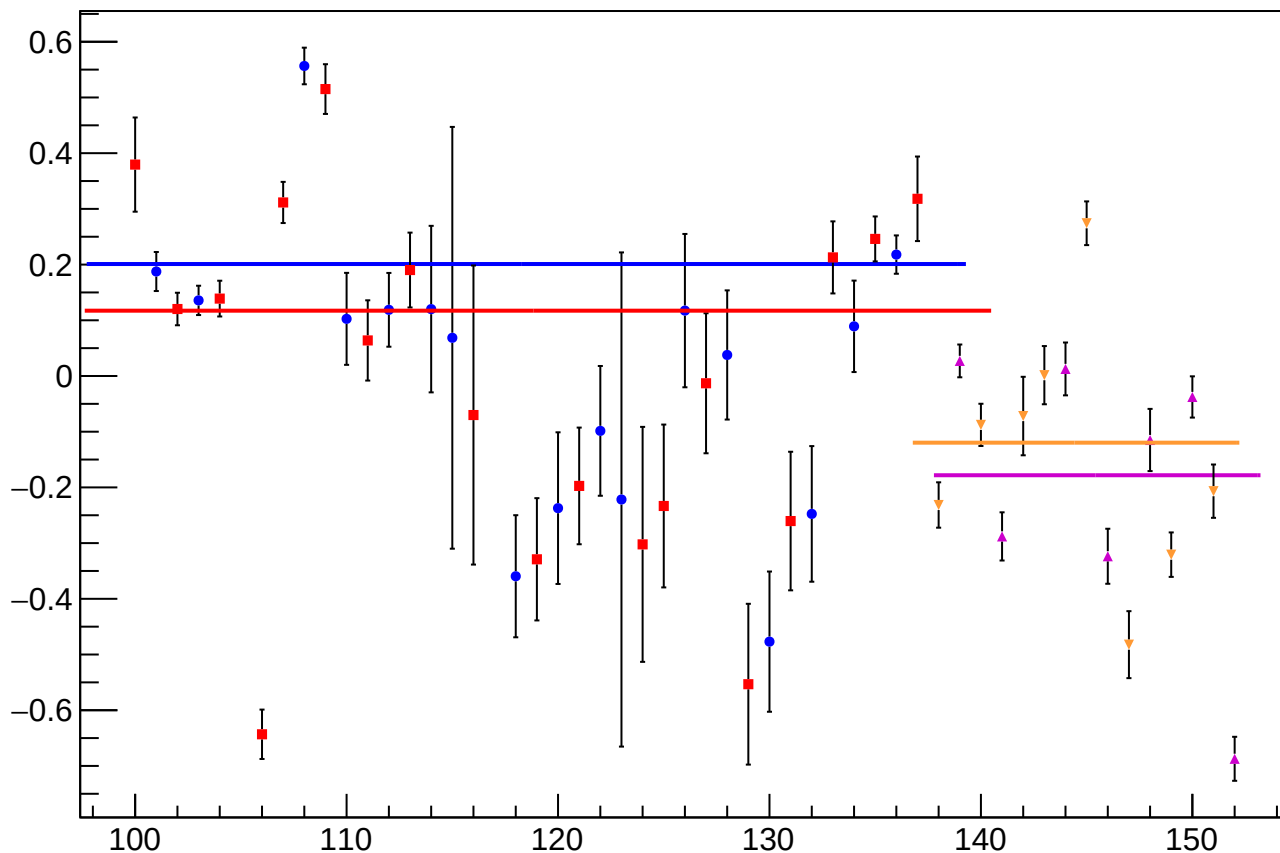
Right: 45.691+/-0.209 χ^2/NDF : 53293.4/35

In: 62.464+/-0.227 χ^2/NDF : 32715.9/23

Out: 63.286+/-0.218 χ^2/NDF : 36833.3/26

All: 62.892+/-0.157 χ^2/NDF : 69556.0/50

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.120 ± 0.016 χ^2/NDF : 179.9/7

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: -0.150 ± 0.011 χ^2/NDF : 448.6/14

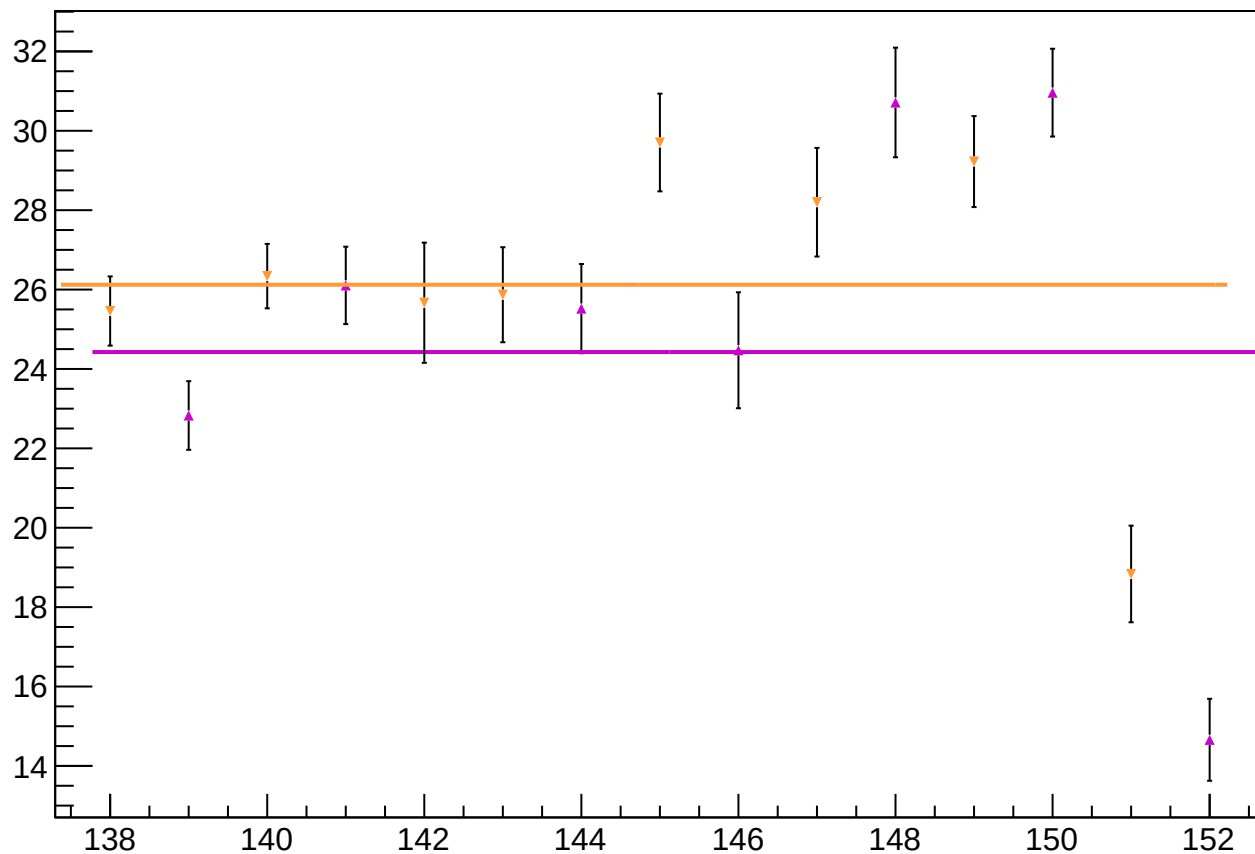
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: 0.029 ± 0.010 χ^2/NDF : 811.6/23

Out: 0.024 ± 0.010 χ^2/NDF : 811.0/26

All: 0.026 ± 0.007 χ^2/NDF : 1622.8/50

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.122+/-0.389 χ^2/NDF :54.8/7

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: 25.319+/-0.283 χ^2/NDF : 216.2/14

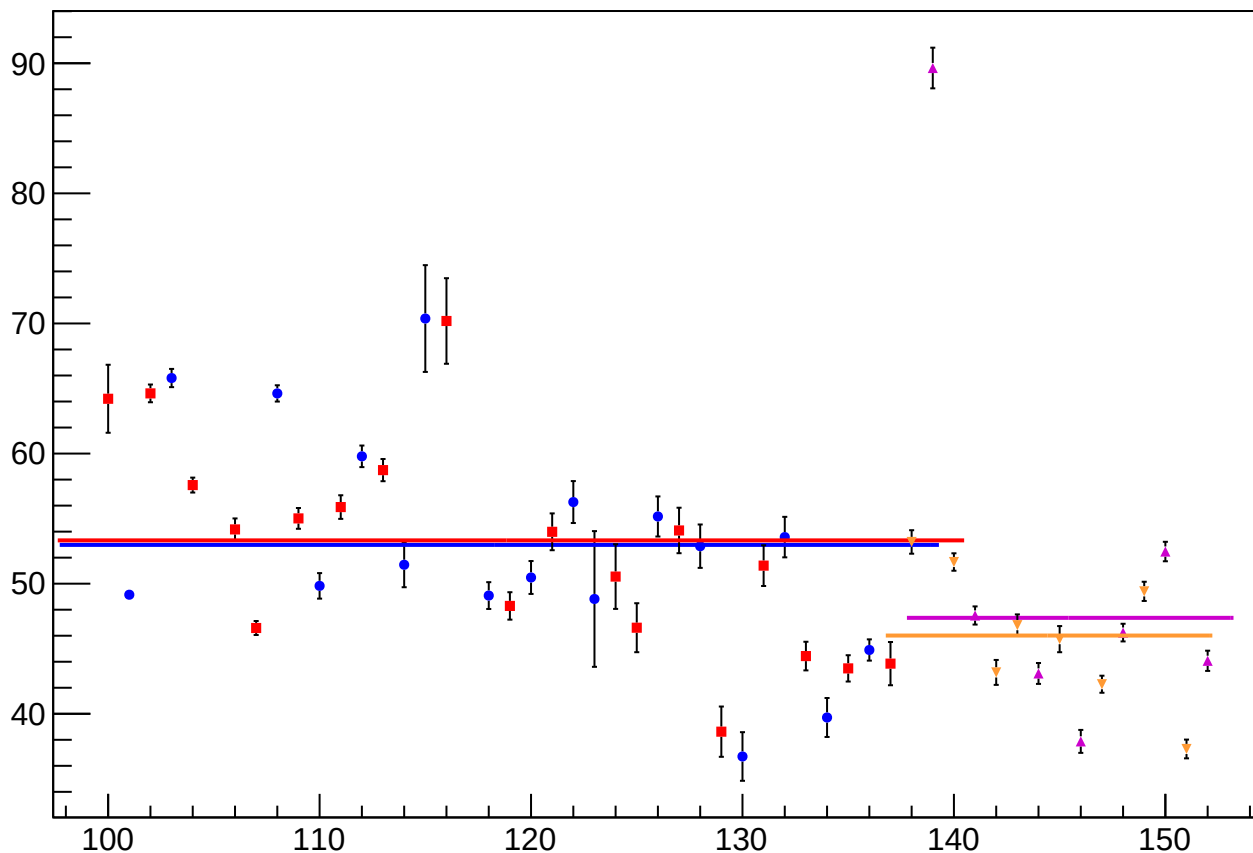
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.426+/-0.411 χ^2/NDF :152.5/6

Out: 26.122+/-0.389 χ^2/NDF :54.8/7

All: 25.319+/-0.283 χ^2/NDF : 216.2/14

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 46.013 $\pm$ 0.277 χ^2 /NDF:344.0/7

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

Left In: 47.374 $\pm$ 0.303 χ^2 /NDF:942.3/6

Left: 46.632 $\pm$ 0.204 χ^2 /NDF: 1297.3/14

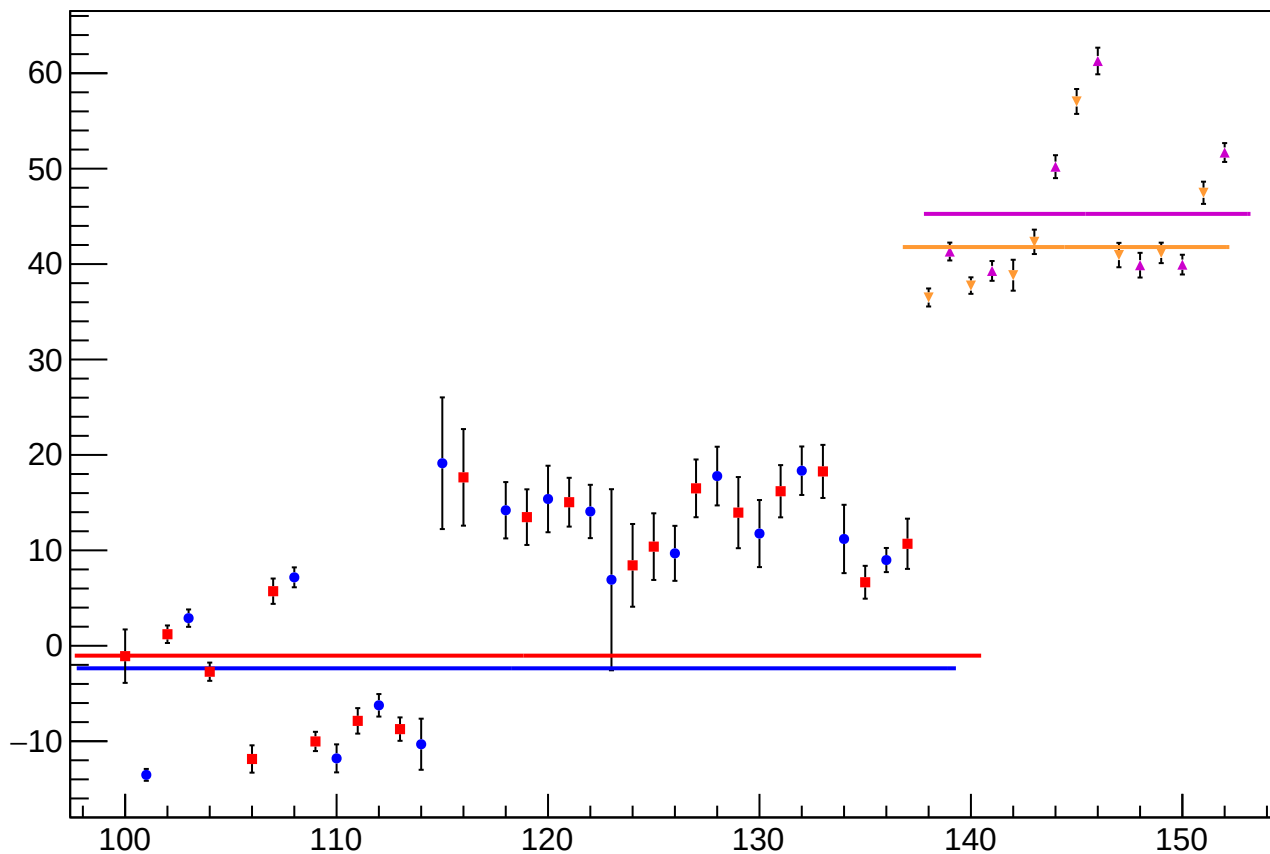
Right: 53.141 $\pm$ 0.154 χ^2 /NDF: 2071.7/35

In: 51.157 $\pm$ 0.173 χ^2 /NDF:2371.6/23

Out: 50.388 $\pm$ 0.175 χ^2 /NDF:1635.0/26

All: 50.779 $\pm$ 0.123 χ^2 /NDF: 4016.5/50

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 41.784 ± 0.400 χ^2/NDF : 217.9/7

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: 43.461 ± 0.288 χ^2/NDF : 540.2/14

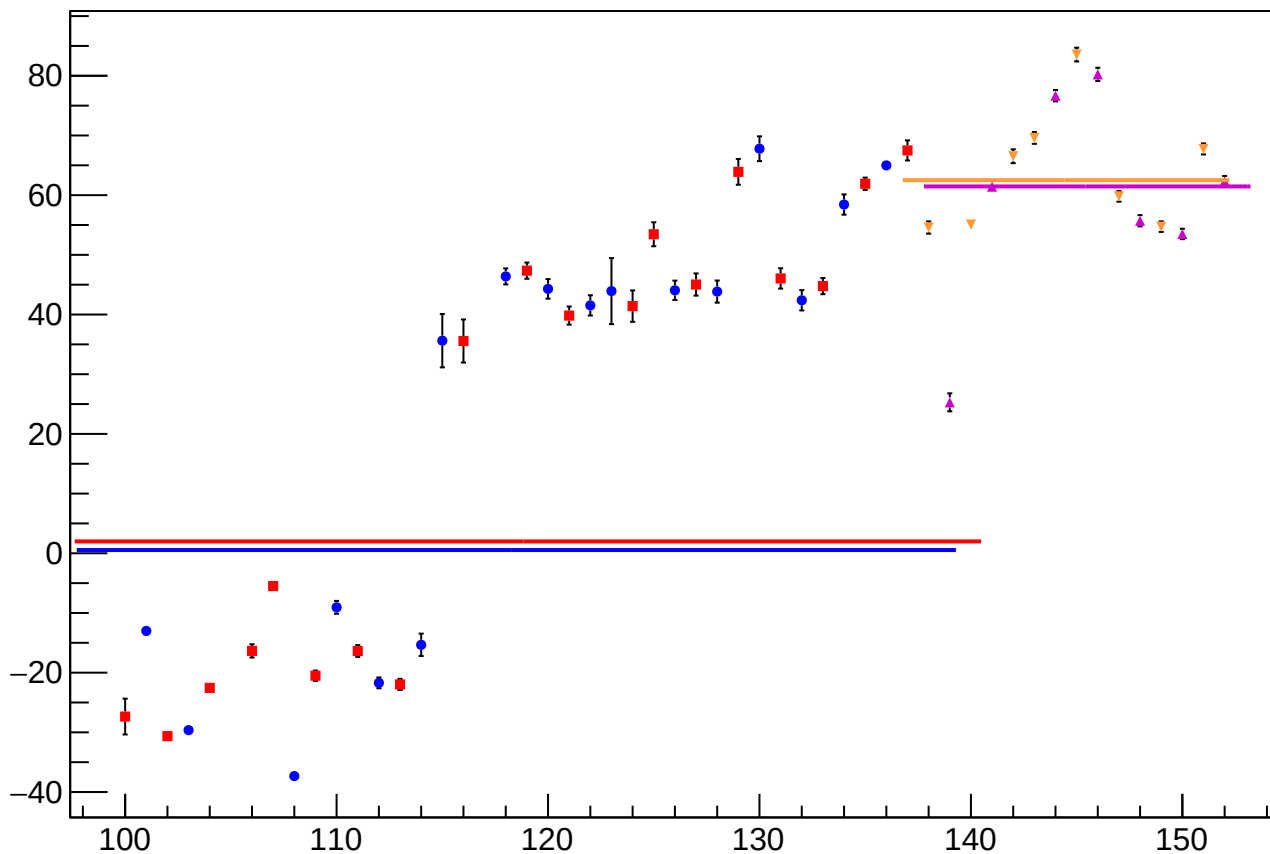
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 18.387 ± 0.273 χ^2/NDF : 8591.4/23

Out: 19.116 ± 0.274 χ^2/NDF : 6799.3/26

All: 18.750 ± 0.194 χ^2/NDF : 15394.2/50

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 62.501 ± 0.340 χ^2/NDF : 656.3/7

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: 62.020 ± 0.249 χ^2/NDF : 1902.3/14

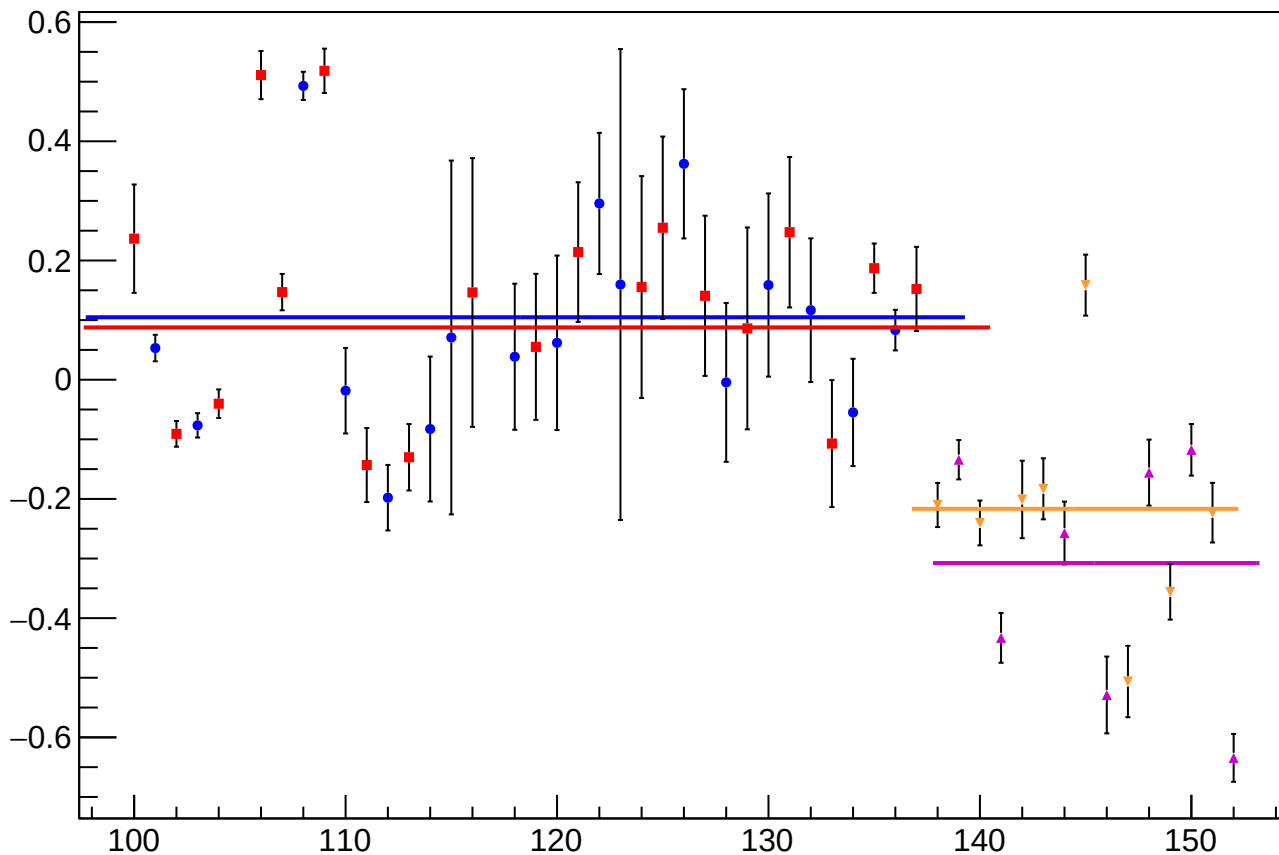
Right: 1.210 ± 0.181 χ^2/NDF : 33916.4/35

In: 19.510 ± 0.205 χ^2/NDF : 38651.5/23

Out: 25.035 ± 0.210 χ^2/NDF : 35765.3/26

All: 22.206 ± 0.146 χ^2/NDF : 74772.2/50

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: -0.217 ± 0.017 $\chi^2/\text{NDF}: 87.2/7$

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: -0.262 ± 0.012 $\chi^2/\text{NDF}: 244.4/14$

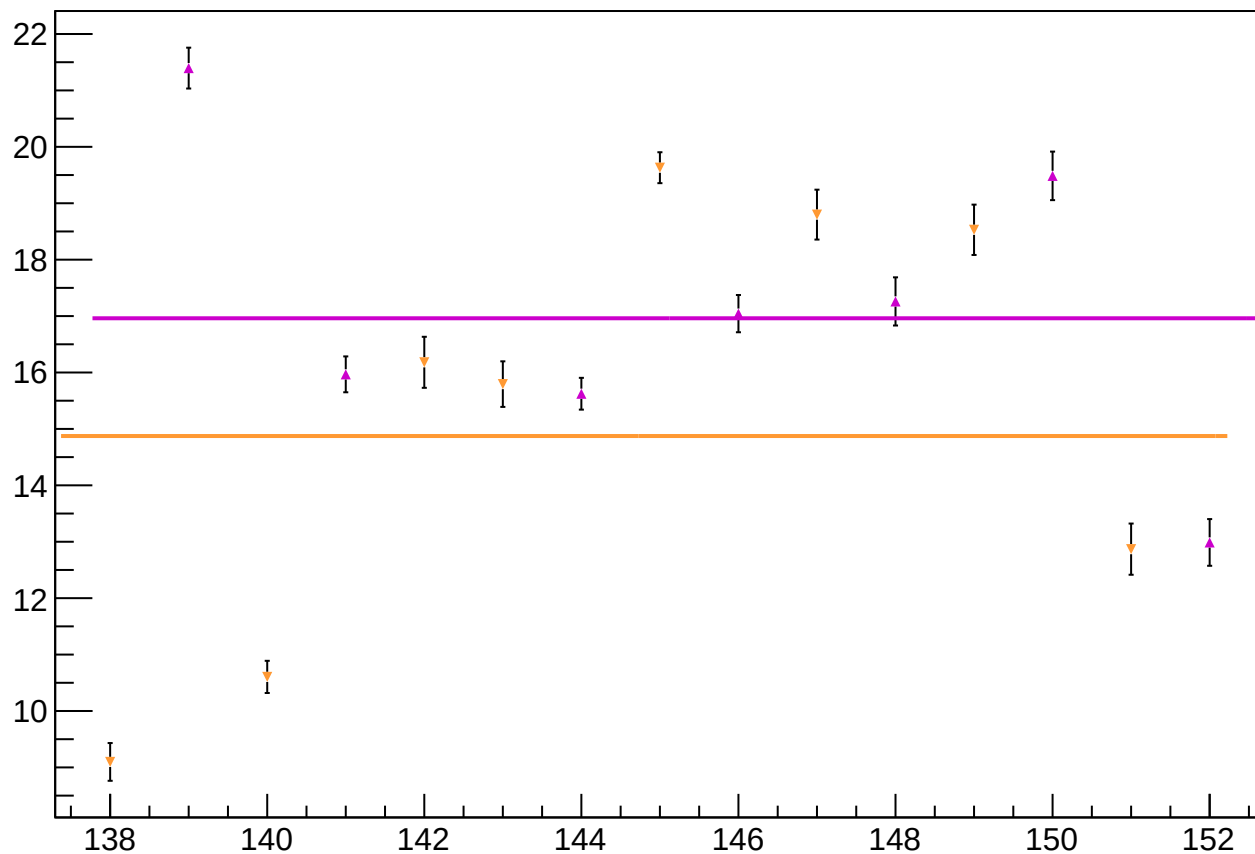
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 792.9/35$

In: -0.020 ± 0.009 $\chi^2/\text{NDF}: 966.3/23$

Out: -0.004 ± 0.009 $\chi^2/\text{NDF}: 709.4/26$

All: -0.012 ± 0.007 $\chi^2/\text{NDF}: 1677.2/50$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.874+/-0.129 χ^2/NDF :1002.0/7

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: 15.877+/-0.093 χ^2/NDF : 1438.2/14

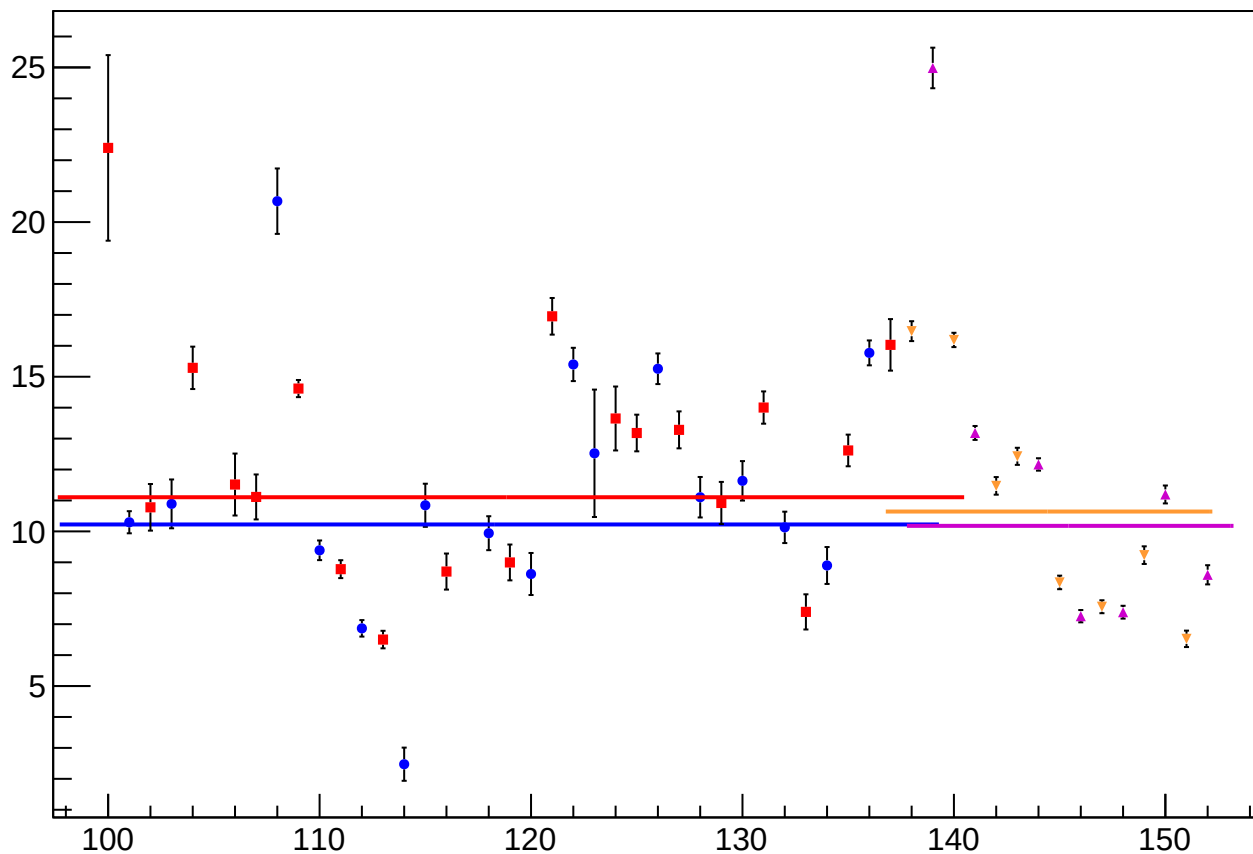
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.961+/-0.134 χ^2/NDF :309.4/6

Out: 14.874+/-0.129 χ^2/NDF :1002.0/7

All: 15.877+/-0.093 χ^2/NDF : 1438.2/14

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 10.642 ± 0.090 χ^2/NDF : 1543.1/7

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: 10.416 ± 0.064 χ^2/NDF : 2775.6/14

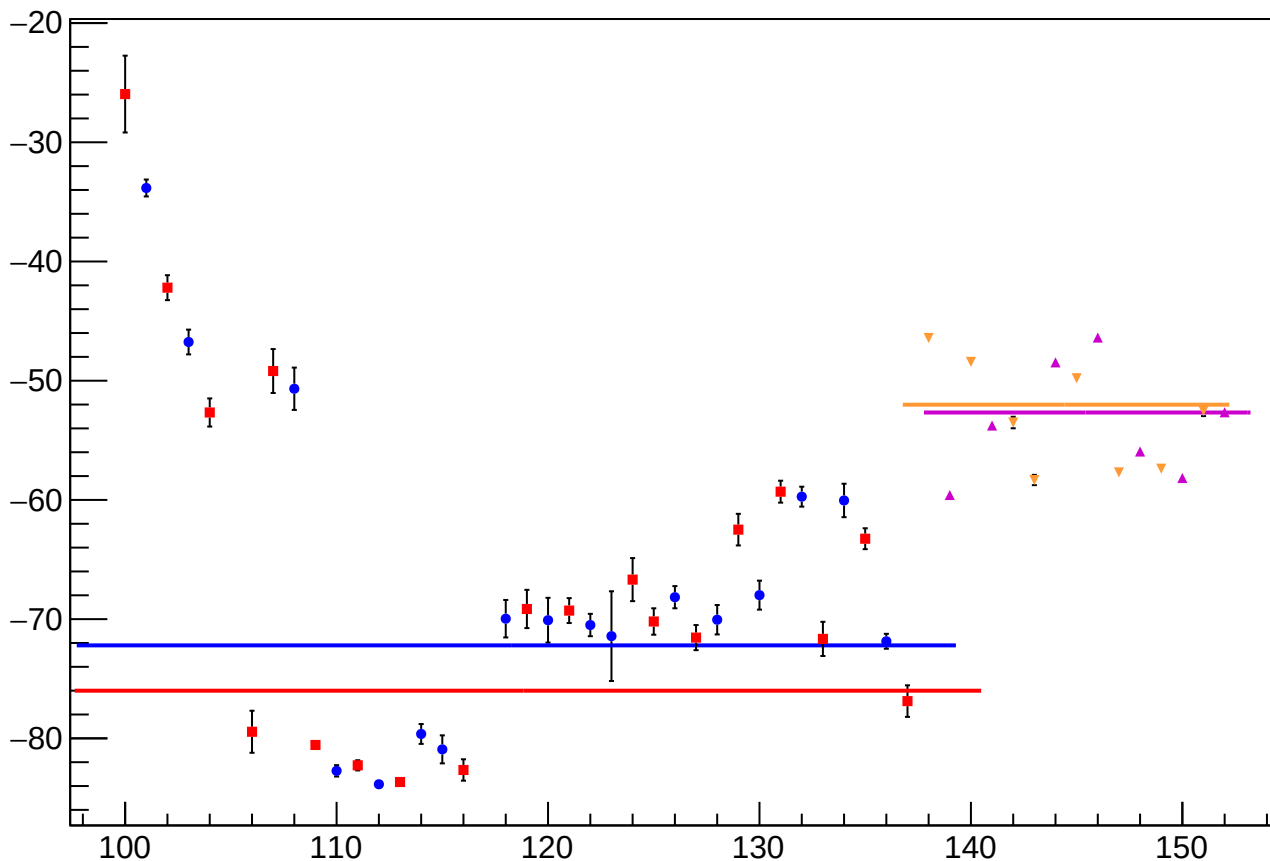
Right: 10.673 ± 0.083 χ^2/NDF : 1722.7/35

In: 10.196 ± 0.073 χ^2/NDF : 2097.2/23

Out: 10.814 ± 0.071 χ^2/NDF : 2370.2/26

All: 10.513 ± 0.051 χ^2/NDF : 4504.4/50

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.011 ± 0.133 χ^2/NDF : 1015.5/7

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

Left In: -52.667 ± 0.135 χ^2/NDF : 1164.3/6

Left: -52.334 ± 0.095 χ^2/NDF : 2191.8/14

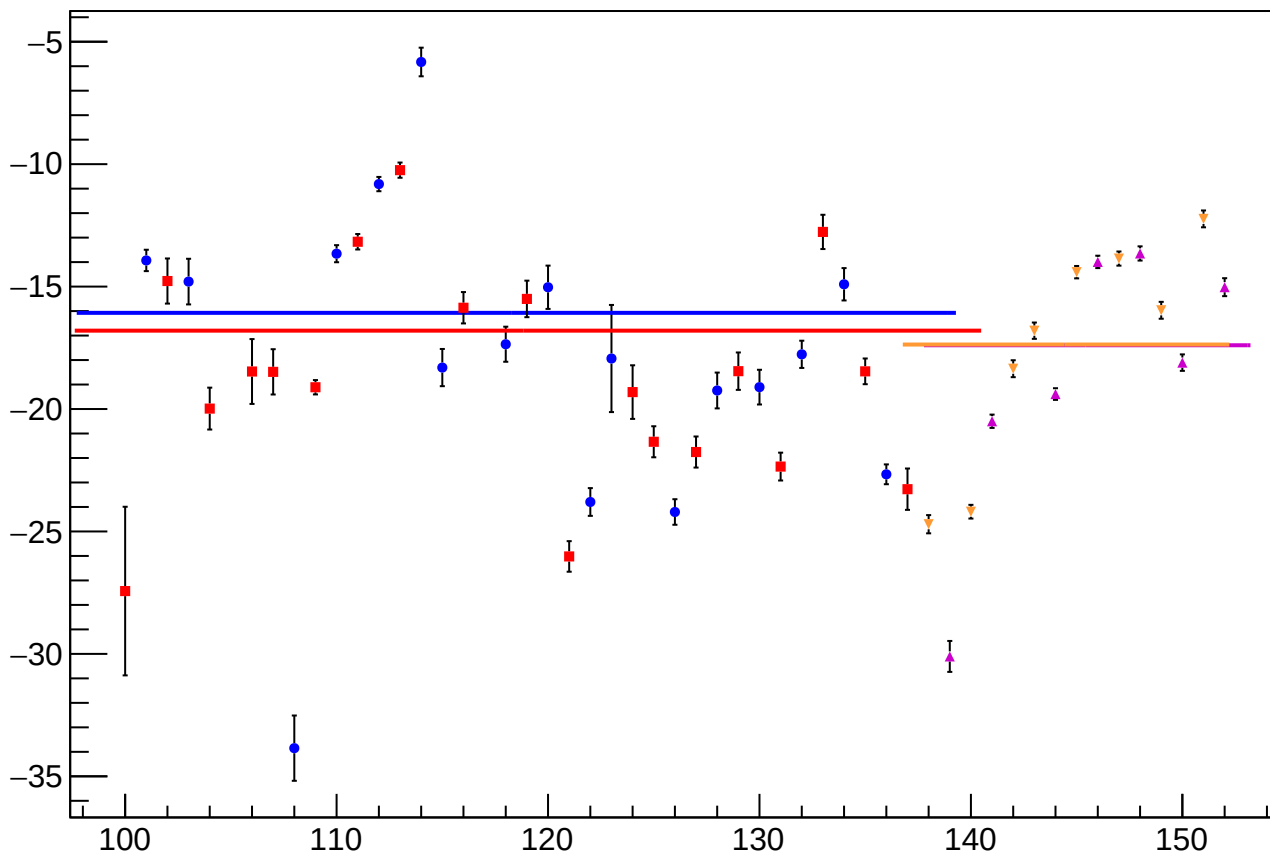
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -58.868 ± 0.111 χ^2/NDF : 13395.3/23

Out: -60.413 ± 0.107 χ^2/NDF : 15905.9/26

All: -59.671 ± 0.077 χ^2/NDF : 29401.3/50

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: -17.366 ± 0.111 $\chi^2/\text{NDF}: 1516.3/7$

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: -17.381 ± 0.079 $\chi^2/\text{NDF}: 2515.2/14$

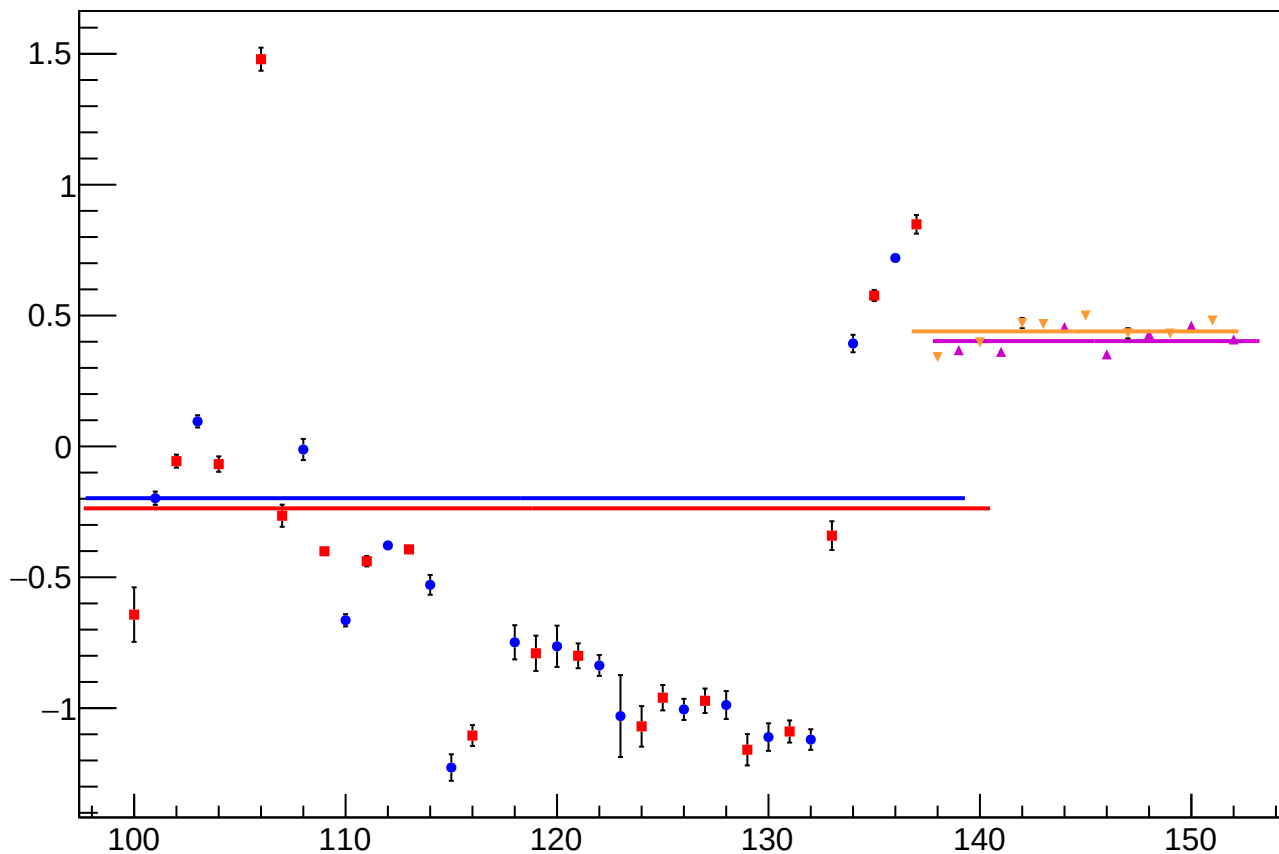
Right: -16.447 ± 0.092 $\chi^2/\text{NDF}: 2872.2/35$

In: -16.833 ± 0.086 $\chi^2/\text{NDF}: 2697.4/23$

Out: -17.124 ± 0.084 $\chi^2/\text{NDF}: 2743.3/26$

All: -16.983 ± 0.060 $\chi^2/\text{NDF}: 5446.6/50$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.439 ± 0.006 χ^2/NDF : 94.6/7

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: 0.421 ± 0.004 χ^2/NDF : 175.3/14

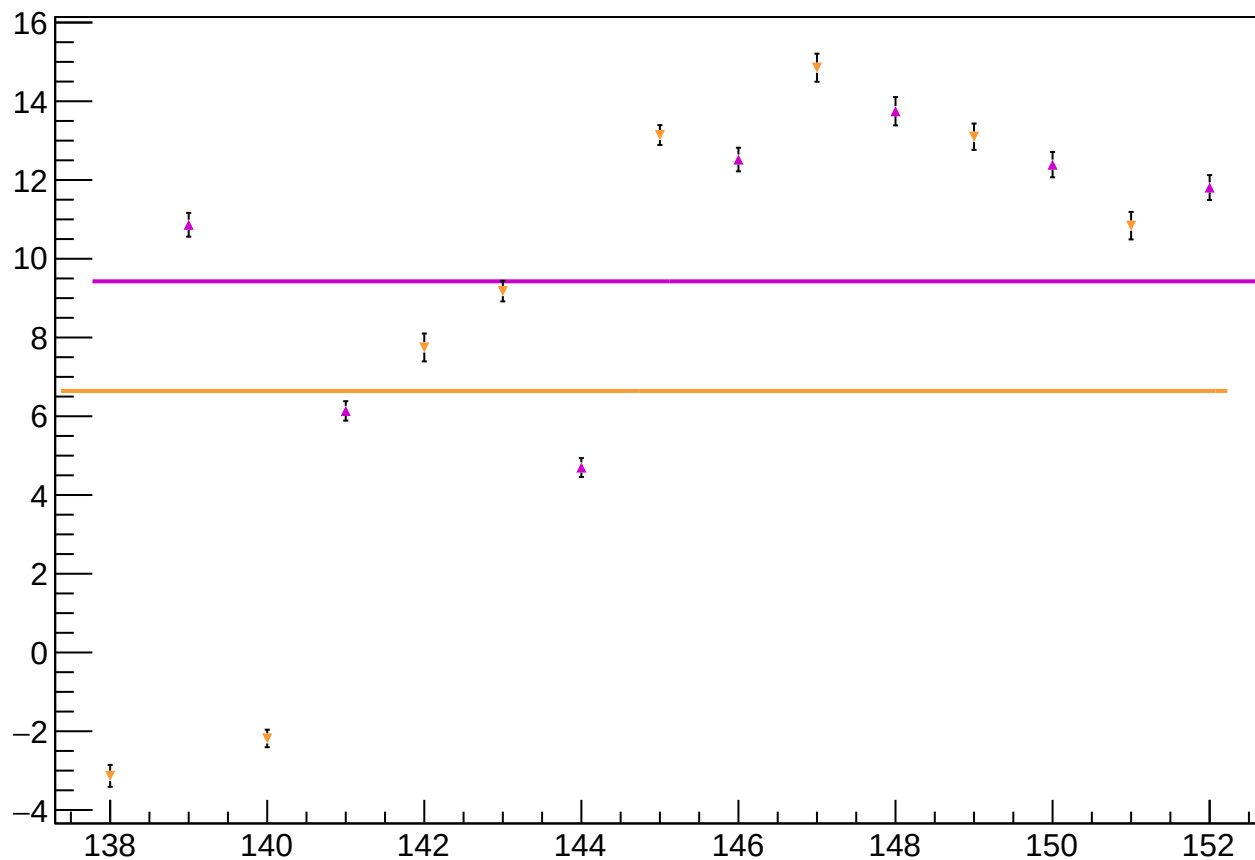
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.188 ± 0.005 χ^2/NDF : 10478.4/23

Out: 0.187 ± 0.004 χ^2/NDF : 11888.4/26

All: 0.188 ± 0.003 χ^2/NDF : 22366.8/50

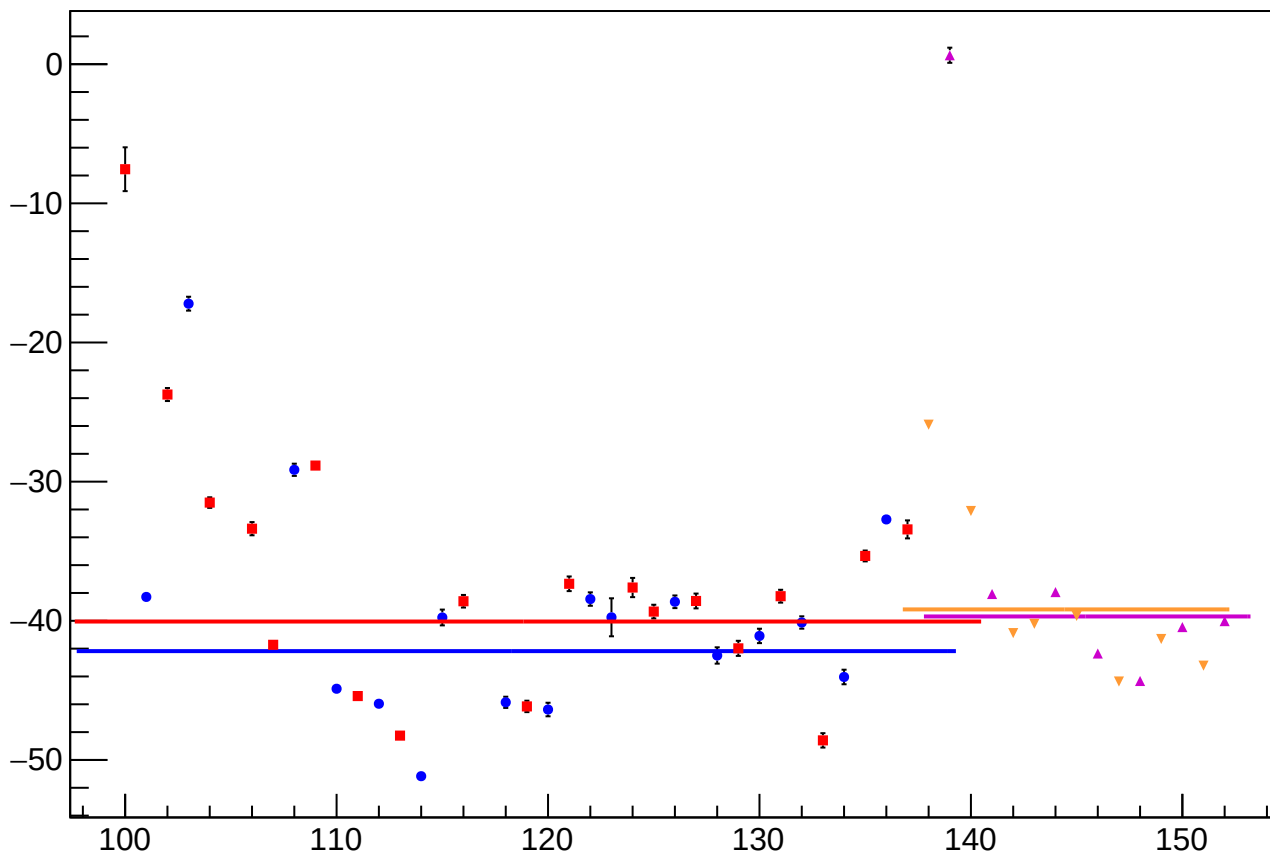
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.643+/-0.102 χ^2/NDF :4627.2/7
 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: 7.934+/-0.075 χ^2/NDF : 5954.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.427+/-0.110 χ^2/NDF :981.0/6
 Out: 6.643+/-0.102 χ^2/NDF :4627.2/7
 All: 7.934+/-0.075 χ^2/NDF : 5954.6/14

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179±/0.078 χ^2/NDF : 6573.8/16

Left Out: -39.181±/0.071 χ^2/NDF :5470.4/7

Right Out: -40.052±/0.073 χ^2/NDF : 11313.5/18

Left In: -39.688±/0.077 χ^2/NDF :6587.5/6

Left: -39.415±/0.052 χ^2/NDF : 12081.4/14

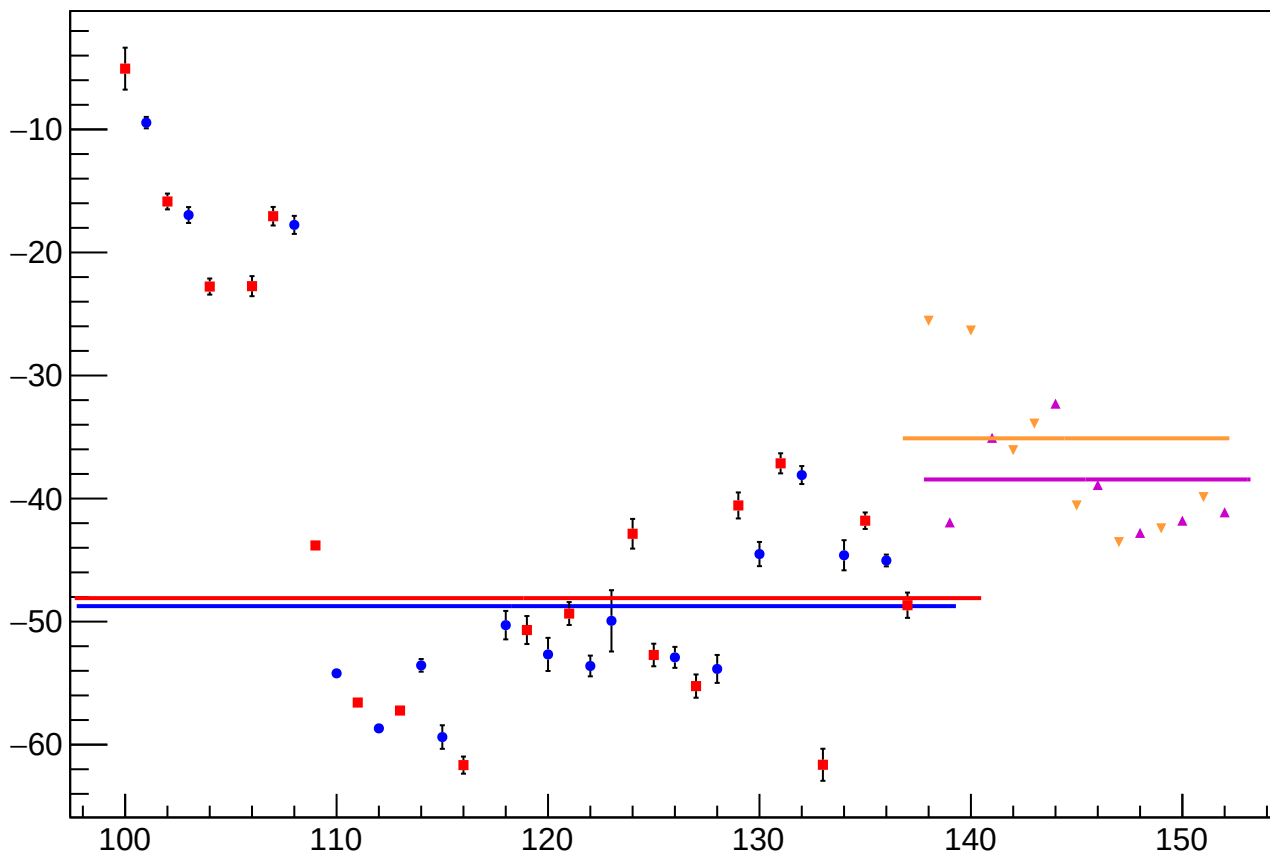
Right: -41.045±/0.053 χ^2/NDF : 18285.9/35

In: -40.915±/0.055 χ^2/NDF :13682.0/23

Out: -39.605±/0.051 χ^2/NDF :16857.4/26

All: -40.212±/0.037 χ^2/NDF : 30848.1/50

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: -35.105 ± 0.105 $\chi^2/\text{NDF}: 4207.9/7$

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: -36.692 ± 0.076 $\chi^2/\text{NDF}: 5914.4/14$

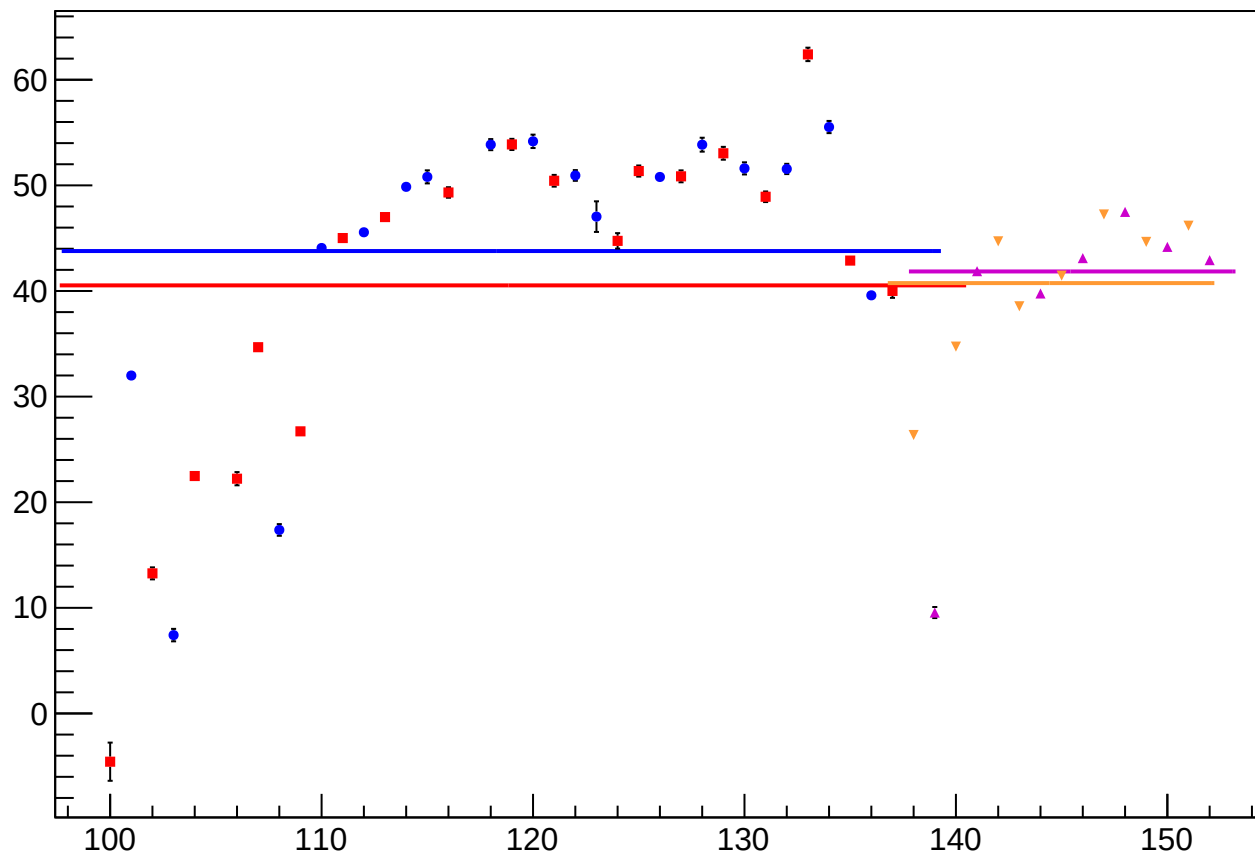
Right: -48.369 ± 0.081 $\chi^2/\text{NDF}: 26405.8/35$

In: -42.985 ± 0.083 $\chi^2/\text{NDF}: 19712.2/23$

Out: -41.462 ± 0.075 $\chi^2/\text{NDF}: 23427.4/26$

All: -42.151 ± 0.056 $\chi^2/\text{NDF}: 43326.0/50$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 ± 0.087 χ^2/NDF : 10638.7/16

Left Out: 40.747 ± 0.087 χ^2/NDF : 4645.4/7

Right Out: 40.530 ± 0.080 χ^2/NDF : 17580.7/18

Left In: 41.849 ± 0.094 χ^2/NDF : 4558.9/6

Left: 41.258 ± 0.064 χ^2/NDF : 9278.5/14

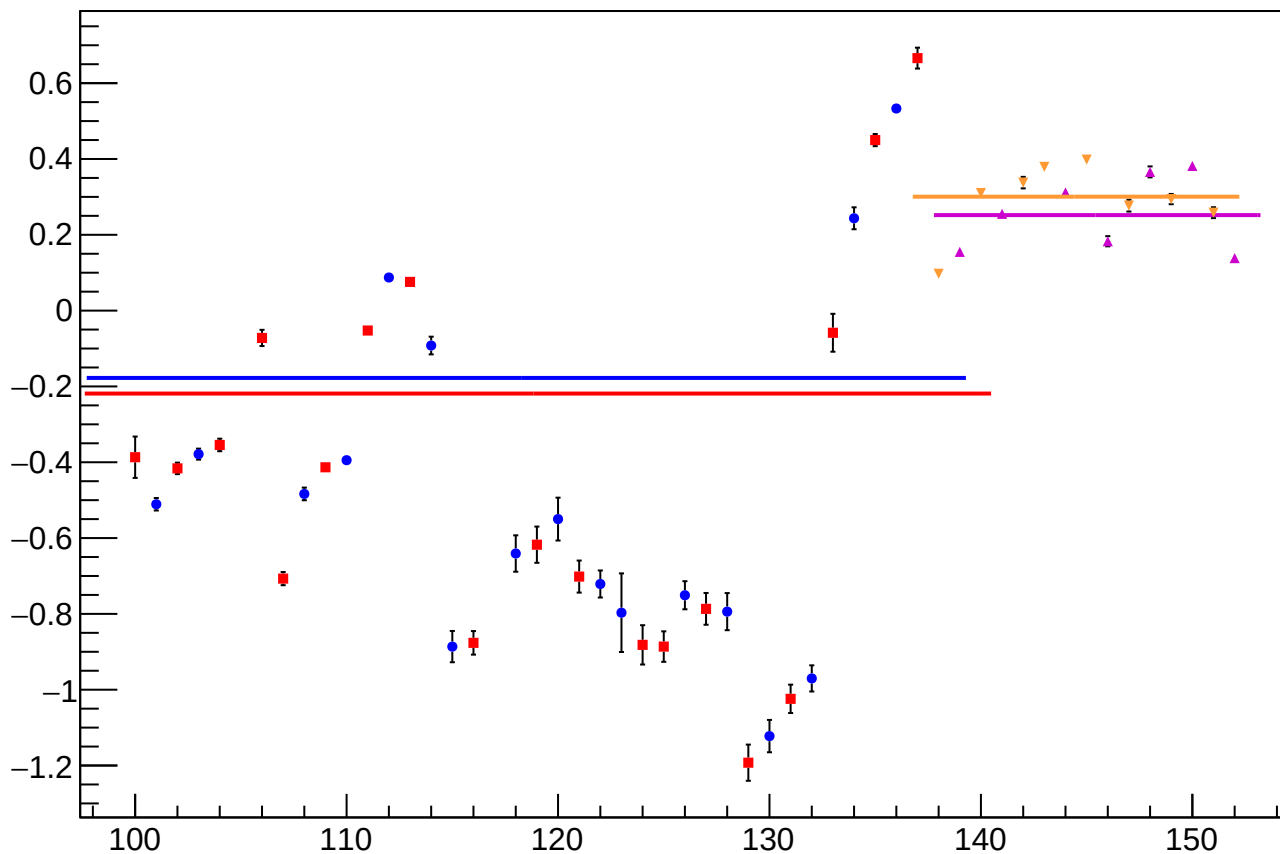
Right: 42.031 ± 0.059 χ^2/NDF : 28978.3/35

In: 42.891 ± 0.064 χ^2/NDF : 15427.2/23

Out: 40.630 ± 0.059 χ^2/NDF : 22229.4/26

All: 41.676 ± 0.043 χ^2/NDF : 38336.0/50

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 $\pm$ 0.005 χ^2 /NDF: 7375.8/16

Left Out: 0.301 $\pm$ 0.004 χ^2 /NDF:443.1/7

Right Out: -0.219 $\pm$ 0.004 χ^2 /NDF: 7470.0/18

Left In: 0.252 $\pm$ 0.005 χ^2 /NDF:379.3/6

Left: 0.277 $\pm$ 0.003 χ^2 /NDF: 881.2/14

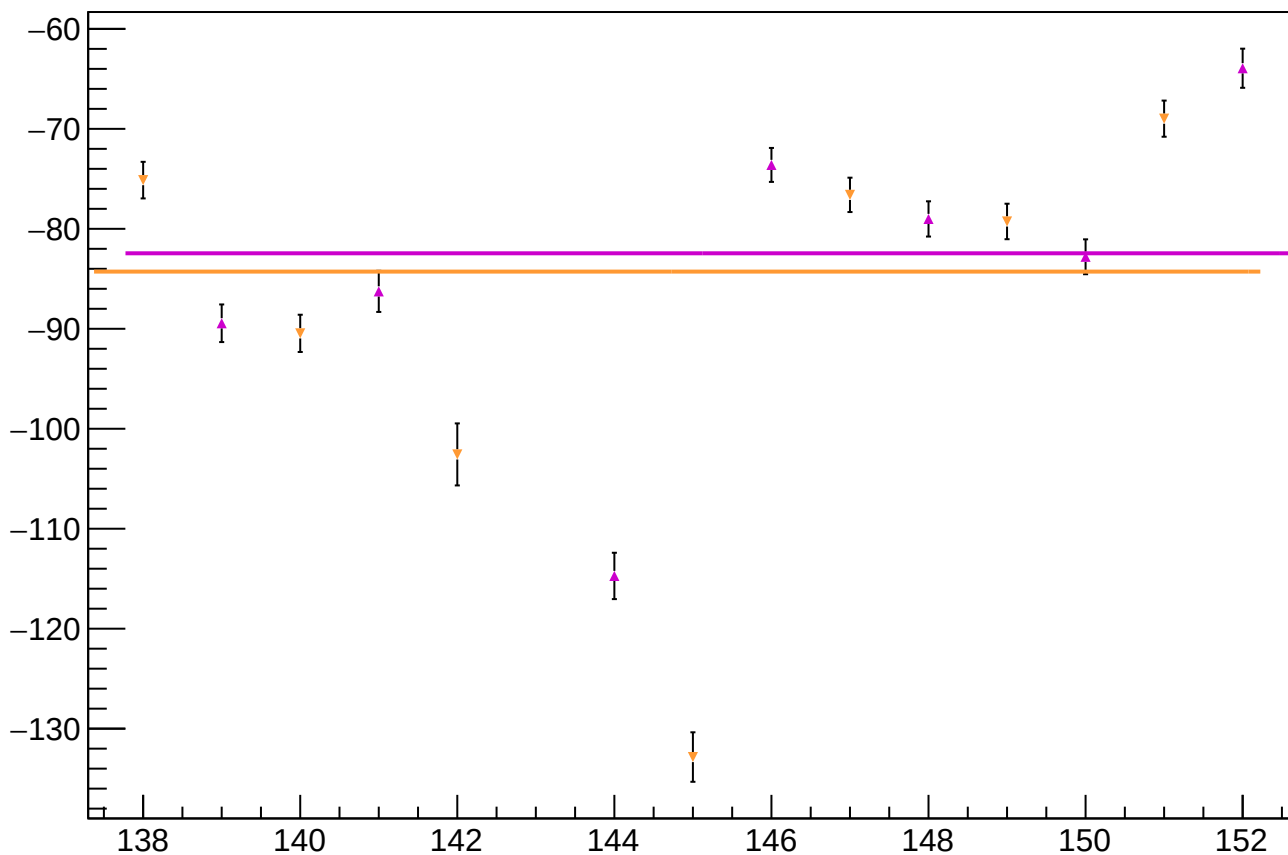
Right: -0.201 $\pm$ 0.003 χ^2 /NDF: 14886.5/35

In: 0.049 $\pm$ 0.003 χ^2 /NDF:11913.6/23

Out: 0.036 $\pm$ 0.003 χ^2 /NDF:15066.8/26

All: 0.042 $\pm$ 0.002 χ^2 /NDF: 26988.5/50

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.279+/-0.742 χ^2/NDF :555.0/6

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: -83.328+/-0.514 χ^2/NDF : 889.7/13

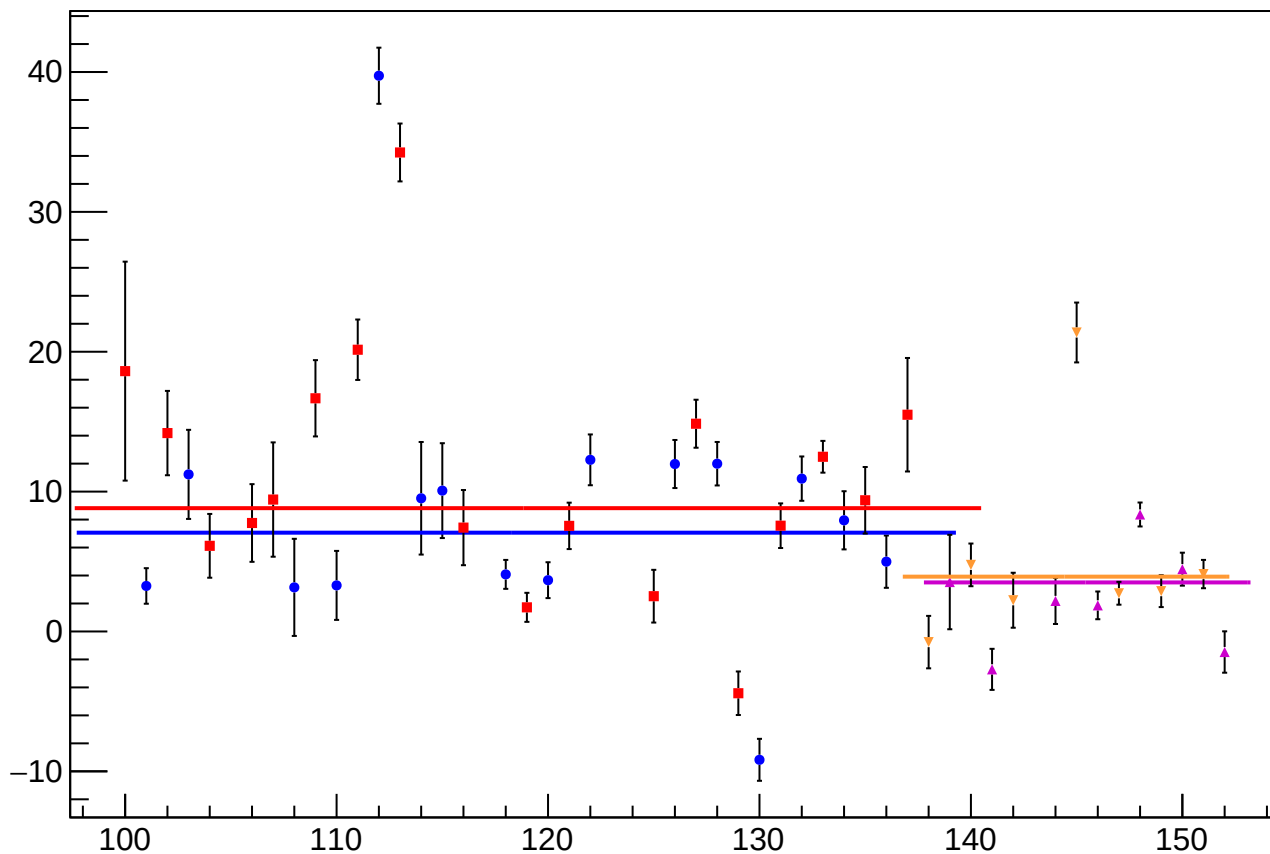
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.448+/-0.714 χ^2/NDF :331.5/6

Out: -84.279+/-0.742 χ^2/NDF :555.0/6

All: -83.328+/-0.514 χ^2/NDF : 889.7/13

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: 3.919 ± 0.475 $\chi^2/\text{NDF}: 76.8/6$

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: 3.712 ± 0.335 $\chi^2/\text{NDF}: 142.6/13$

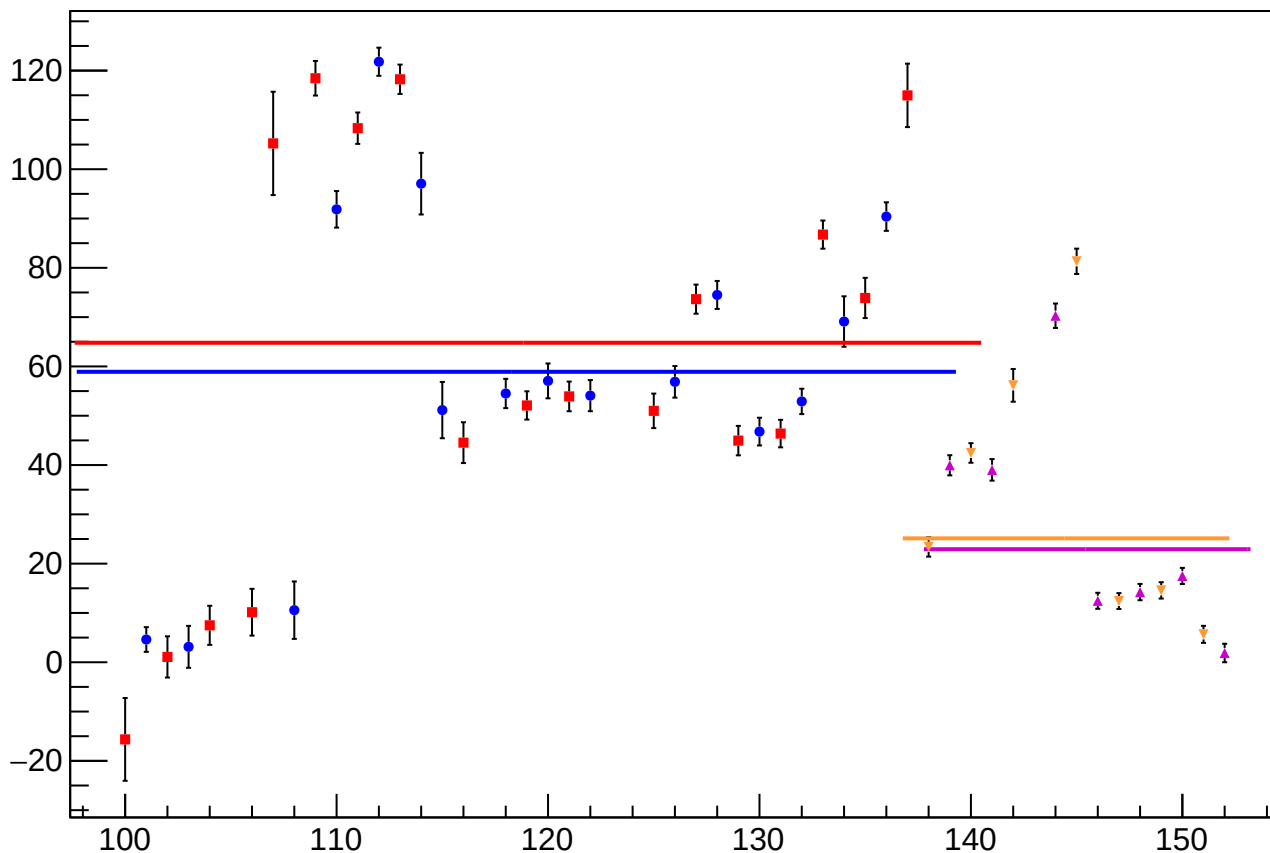
Right: 7.909 ± 0.312 $\chi^2/\text{NDF}: 805.1/33$

In: 5.438 ± 0.319 $\chi^2/\text{NDF}: 543.1/22$

Out: 6.503 ± 0.326 $\chi^2/\text{NDF}: 483.4/24$

All: 5.959 ± 0.228 $\chi^2/\text{NDF}: 1031.9/47$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF : 1496.7/15

Left Out: 25.130+/-0.738 χ^2/NDF :872.9/6

Right Out: 64.803+/-0.840 χ^2/NDF : 1718.2/17

Left In: 22.928+/-0.704 χ^2/NDF :695.2/6

Left: 23.978+/-0.509 χ^2/NDF : 1572.8/13

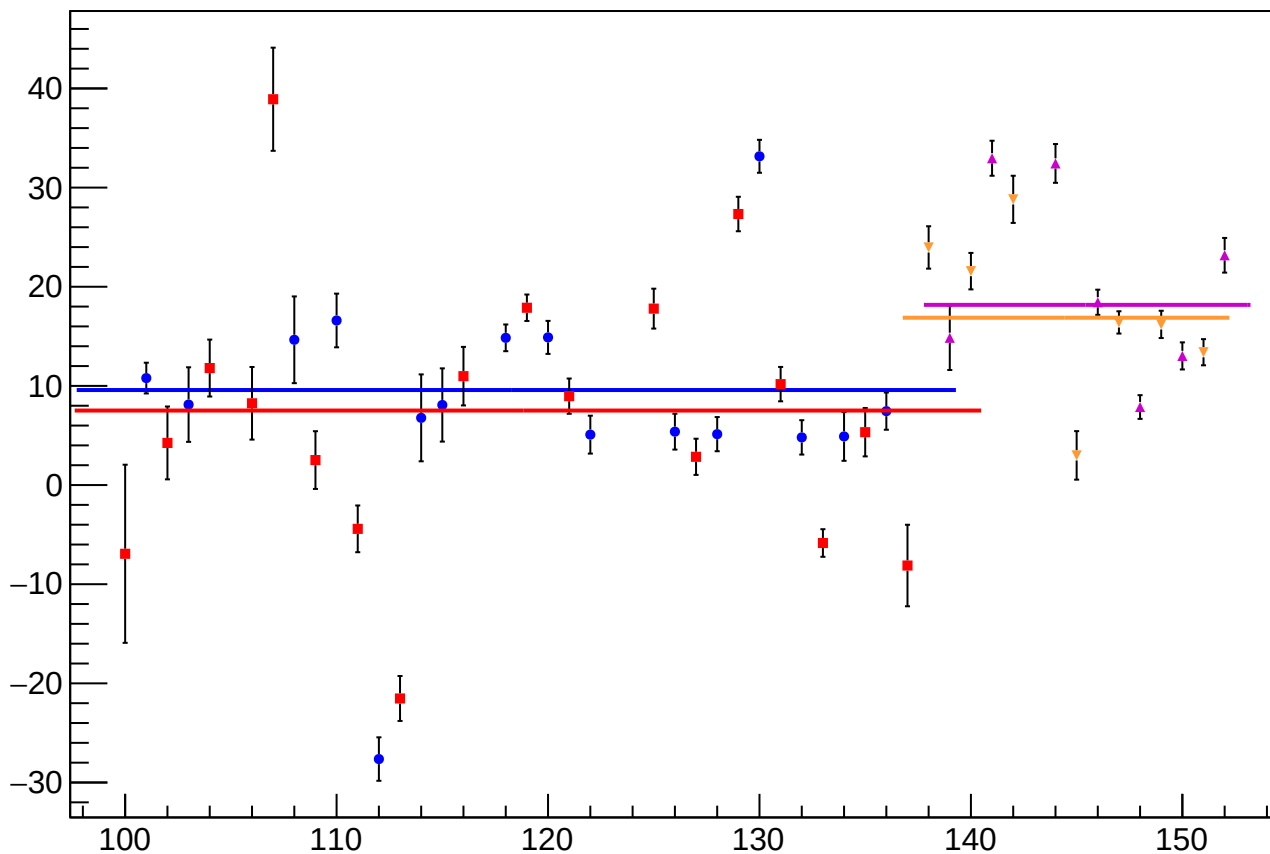
Right: 61.827+/-0.591 χ^2/NDF : 3239.7/33

In: 37.958+/-0.537 χ^2/NDF :3282.7/22

Out: 42.405+/-0.554 χ^2/NDF :3849.7/24

All: 40.112+/-0.386 χ^2/NDF : 7165.6/47

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: 16.877 ± 0.603 $\chi^2/\text{NDF}: 82.3/6$

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: 17.537 ± 0.422 $\chi^2/\text{NDF}: 305.6/13$

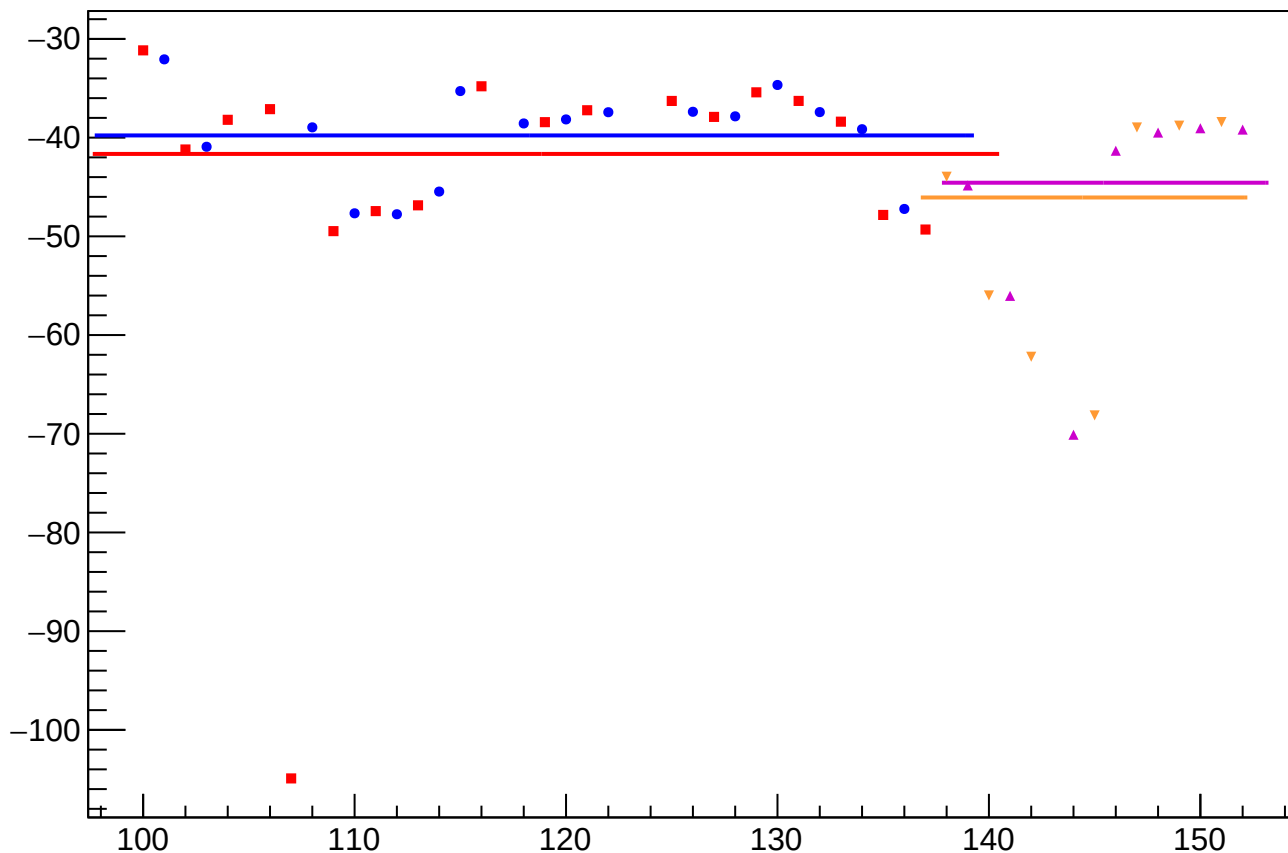
Right: 8.579 ± 0.359 $\chi^2/\text{NDF}: 1132.5/33$

In: 13.172 ± 0.382 $\chi^2/\text{NDF}: 898.1/22$

Out: 11.472 ± 0.392 $\chi^2/\text{NDF}: 791.4/24$

All: 12.343 ± 0.274 $\chi^2/\text{NDF}: 1699.2/47$

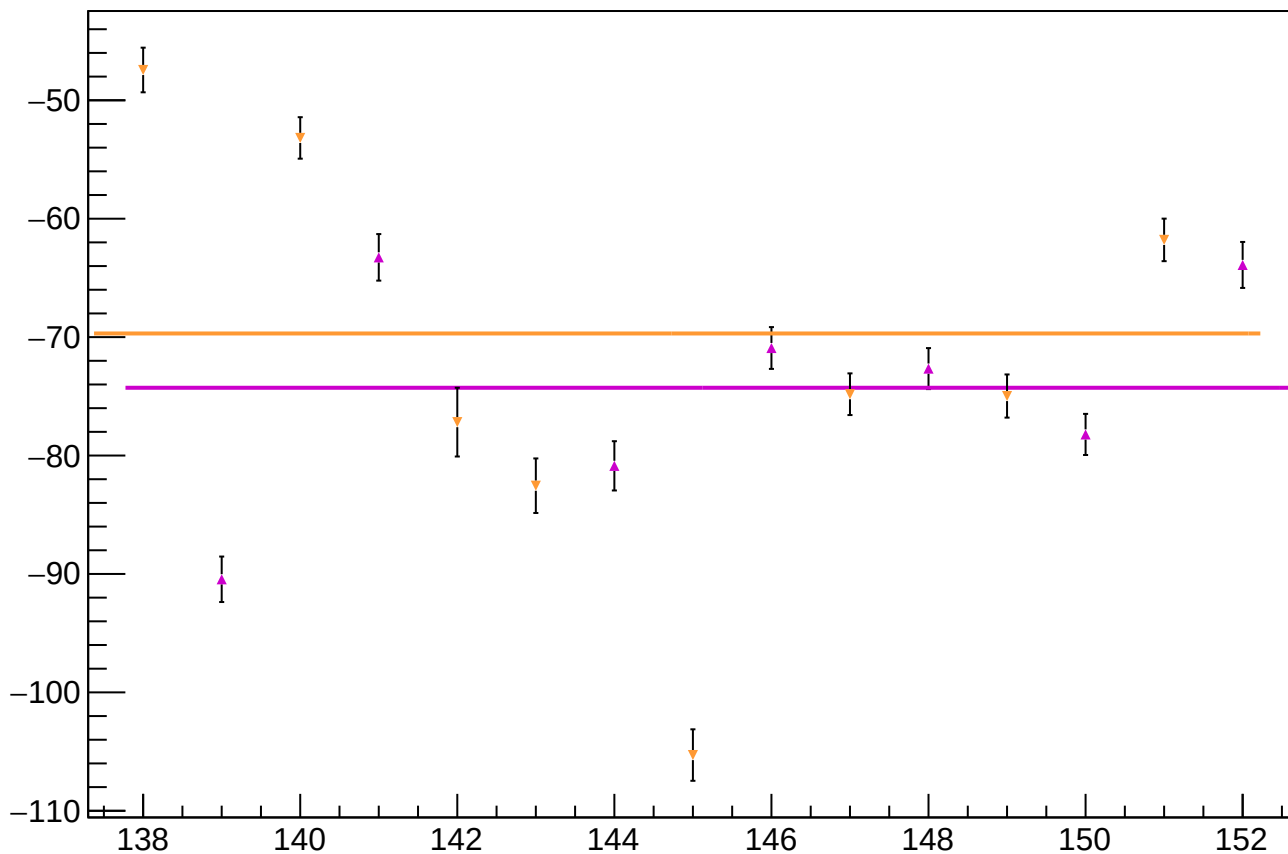
reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF : 26158.0/15
 Left Out: -46.064+/-0.032 χ^2/NDF :105079.6/6
 Right Out: -41.651+/-0.031 χ^2/NDF : 94457.5/17
 Left In: -44.568+/-0.029 χ^2/NDF :90351.4/6

Left: -45.257+/-0.021 χ^2/NDF : 196634.9/13
 Right: -40.710+/-0.022 χ^2/NDF : 122427.7/33
 In: -42.316+/-0.021 χ^2/NDF :129114.0/22
 Out: -43.824+/-0.022 χ^2/NDF :209398.0/24
 All: -43.038+/-0.015 χ^2/NDF : 340914.8/47

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.692+/-0.697 χ^2/NDF :570.4/7

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: -71.958+/-0.496 χ^2/NDF : 742.4/14

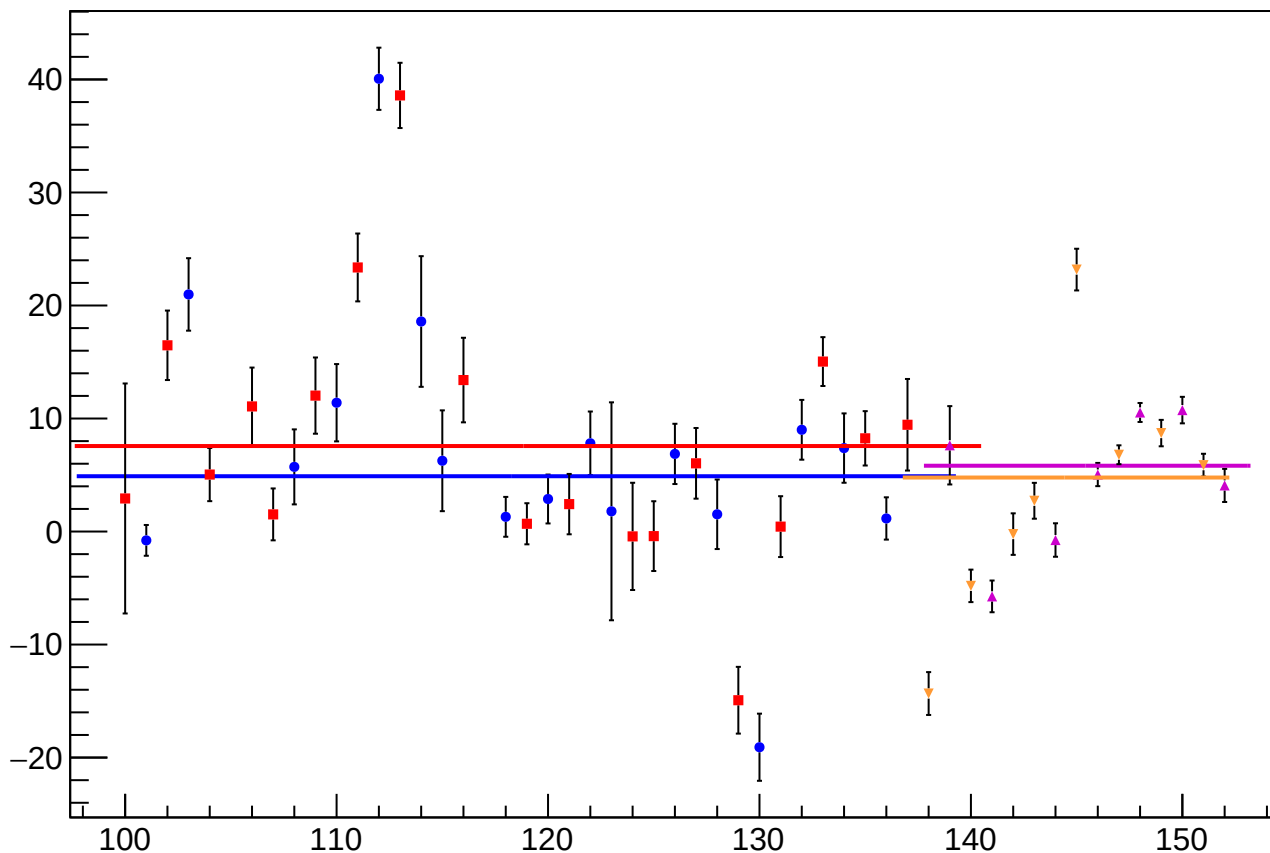
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.277+/-0.705 χ^2/NDF :150.6/6

Out: -69.692+/-0.697 χ^2/NDF :570.4/7

All: -71.958+/-0.496 χ^2/NDF : 742.4/14

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 4.778 ± 0.452 χ^2/NDF : 273.0/7

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: 5.284 ± 0.324 χ^2/NDF : 414.6/14

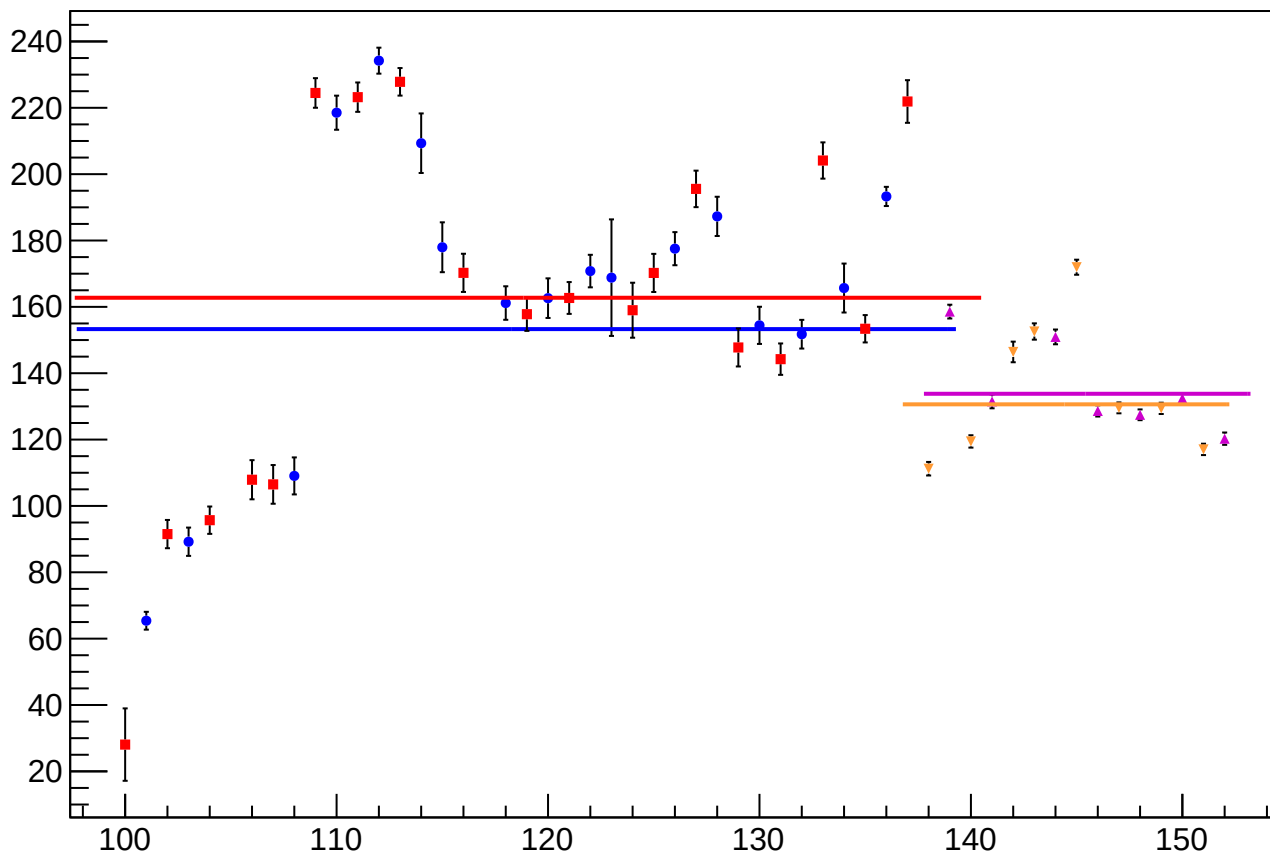
Right: 6.165 ± 0.450 χ^2/NDF : 574.4/35

In: 5.488 ± 0.373 χ^2/NDF : 435.8/23

Out: 5.683 ± 0.371 χ^2/NDF : 555.5/26

All: 5.586 ± 0.263 χ^2/NDF : 991.4/50

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 ± 1.145 $\chi^2/\text{NDF}: 2266.8/16$

Left Out: 130.622 ± 0.699 $\chi^2/\text{NDF}: 626.8/7$

Right Out: 162.747 ± 1.177 $\chi^2/\text{NDF}: 1708.7/18$

Left In: 133.804 ± 0.696 $\chi^2/\text{NDF}: 280.9/6$

Left: 132.220 ± 0.493 $\chi^2/\text{NDF}: 918.1/14$

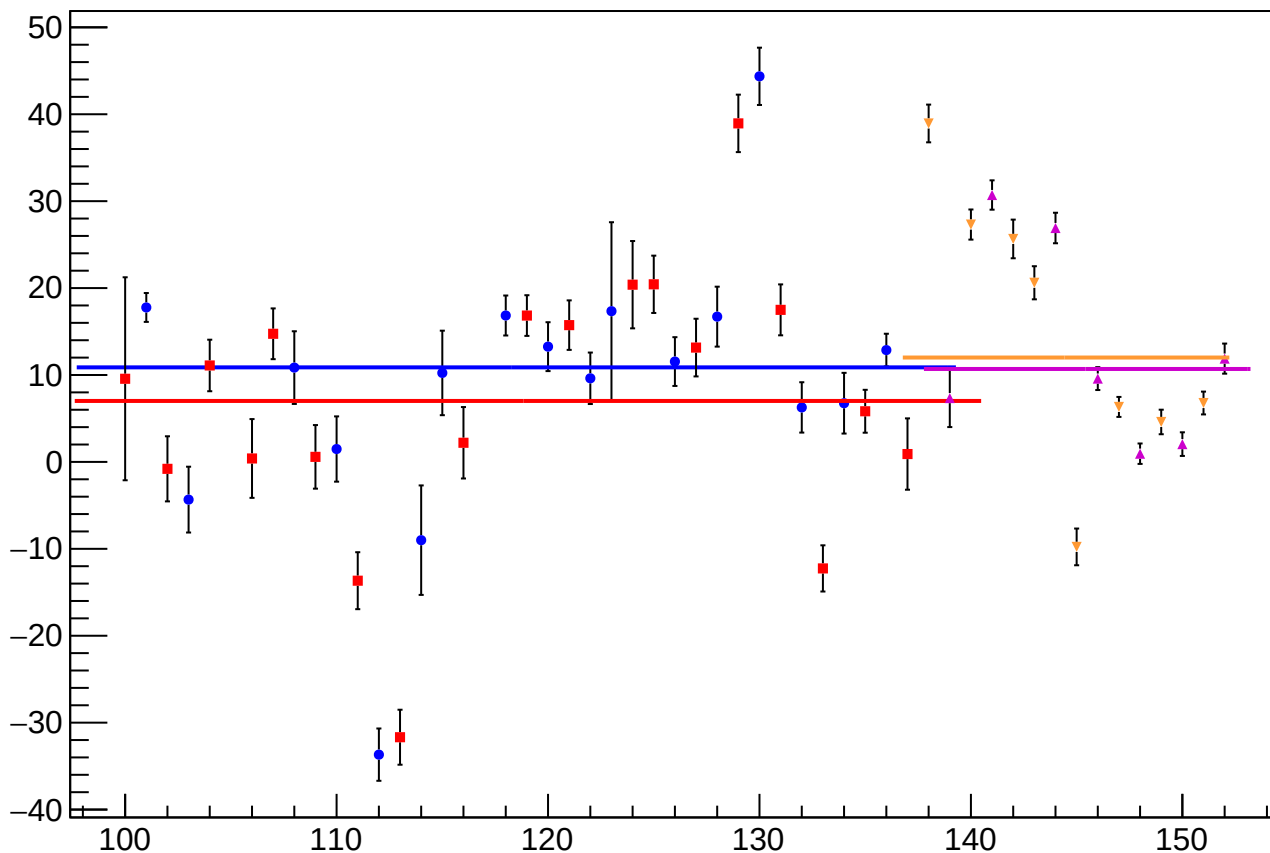
Right: 157.893 ± 0.820 $\chi^2/\text{NDF}: 4008.6/35$

In: 139.070 ± 0.595 $\chi^2/\text{NDF}: 2759.3/23$

Out: 139.009 ± 0.601 $\chi^2/\text{NDF}: 2886.3/26$

All: 139.040 ± 0.423 $\chi^2/\text{NDF}: 5645.6/50$

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 12.010+/-0.569 χ^2/NDF : 464.1/7

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: 11.367+/-0.407 χ^2/NDF : 804.1/14

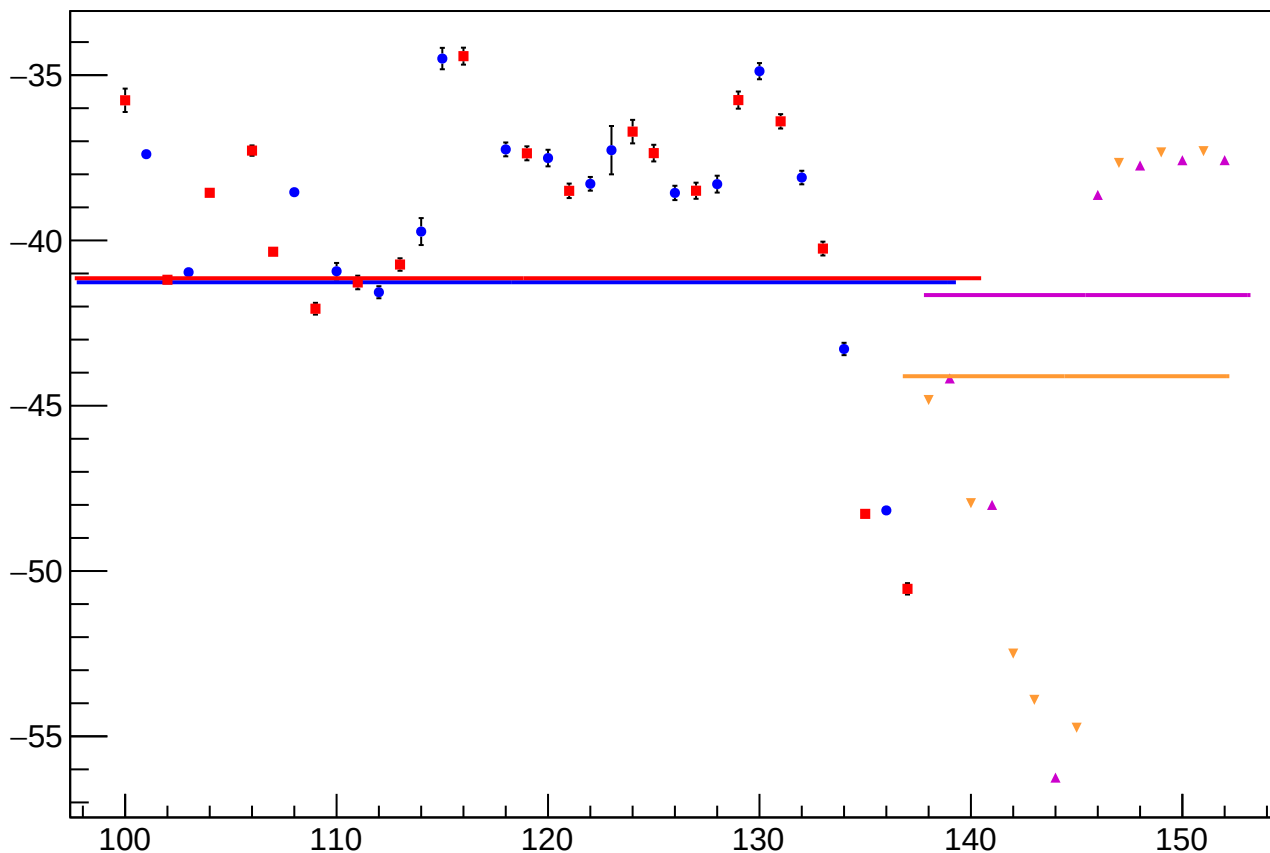
Right: 9.038+/-0.516 χ^2/NDF : 826.6/35

In: 10.767+/-0.451 χ^2/NDF : 725.6/23

Out: 10.177+/-0.453 χ^2/NDF : 916.8/26

All: 10.473+/-0.320 χ^2/NDF : 1643.2/50

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 $\pm$ 0.038 χ^2 /NDF: 12570.1/16

Left Out: -44.108 $\pm$ 0.030 χ^2 /NDF: 54475.4/7

Right Out: -41.144 $\pm$ 0.039 χ^2 /NDF: 12218.7/18

Left In: -41.653 $\pm$ 0.029 χ^2 /NDF: 40472.2/6

Left: -42.846 $\pm$ 0.021 χ^2 /NDF: 98439.3/14

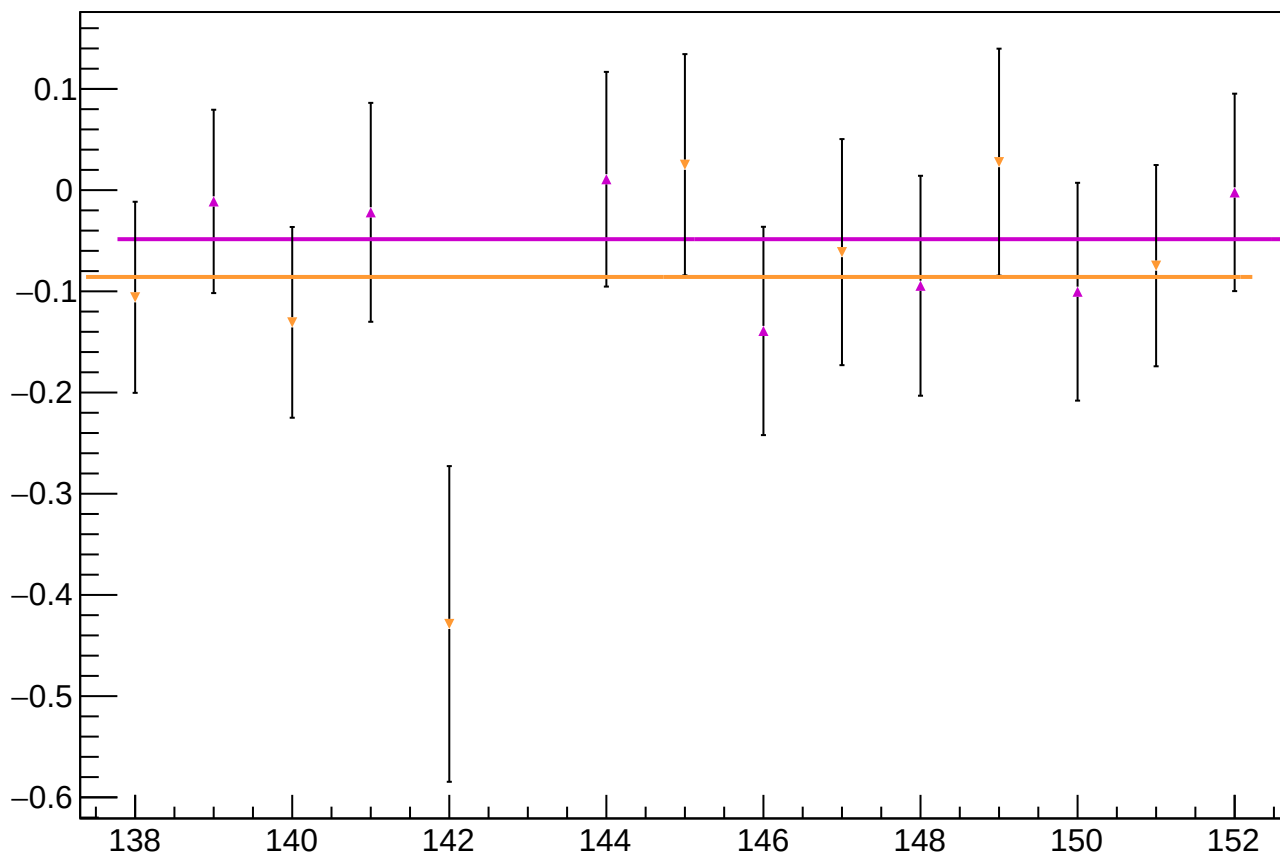
Right: -41.205 $\pm$ 0.027 χ^2 /NDF: 24793.7/35

In: -41.513 $\pm$ 0.023 χ^2 /NDF: 53107.0/23

Out: -43.002 $\pm$ 0.024 χ^2 /NDF: 70387.3/26

All: -42.243 $\pm$ 0.017 χ^2 /NDF: 125525.5/50

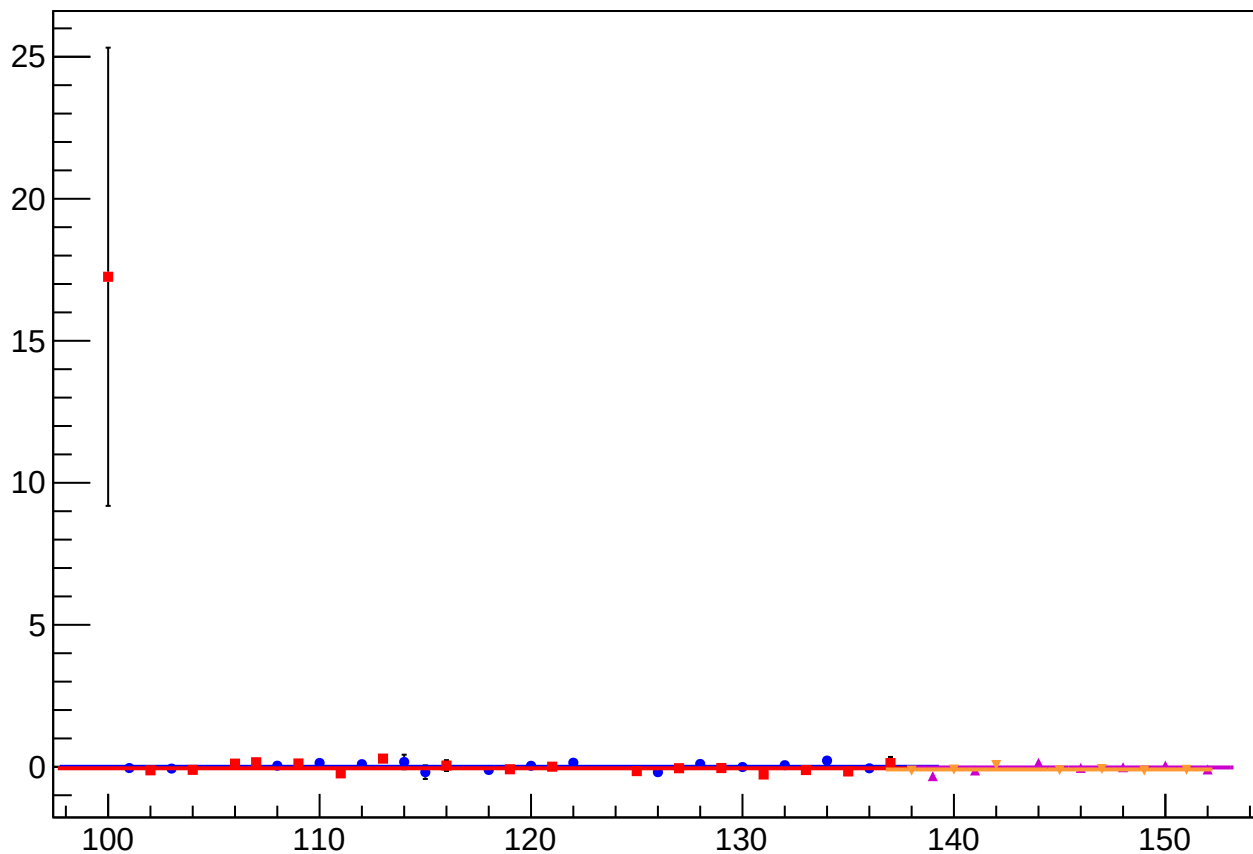
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.086+/-0.040 χ^2/NDF : 7.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.048+/-0.039 χ^2/NDF : 2.0/6

Left: -0.066+/-0.028 χ^2/NDF : 9.6/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.048+/-0.039 χ^2/NDF : 2.0/6
 Out: -0.086+/-0.040 χ^2/NDF : 7.2/6
 All: -0.066+/-0.028 χ^2/NDF : 9.6/13

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.092 $\pm$ 0.027 χ^2 /NDF:3.2/6

Right Out: -0.051 $\pm$ 0.029 χ^2 /NDF: 25.8/17

Left In: -0.022 $\pm$ 0.027 χ^2 /NDF:11.9/6

Left: -0.056 $\pm$ 0.019 χ^2 /NDF: 18.4/13

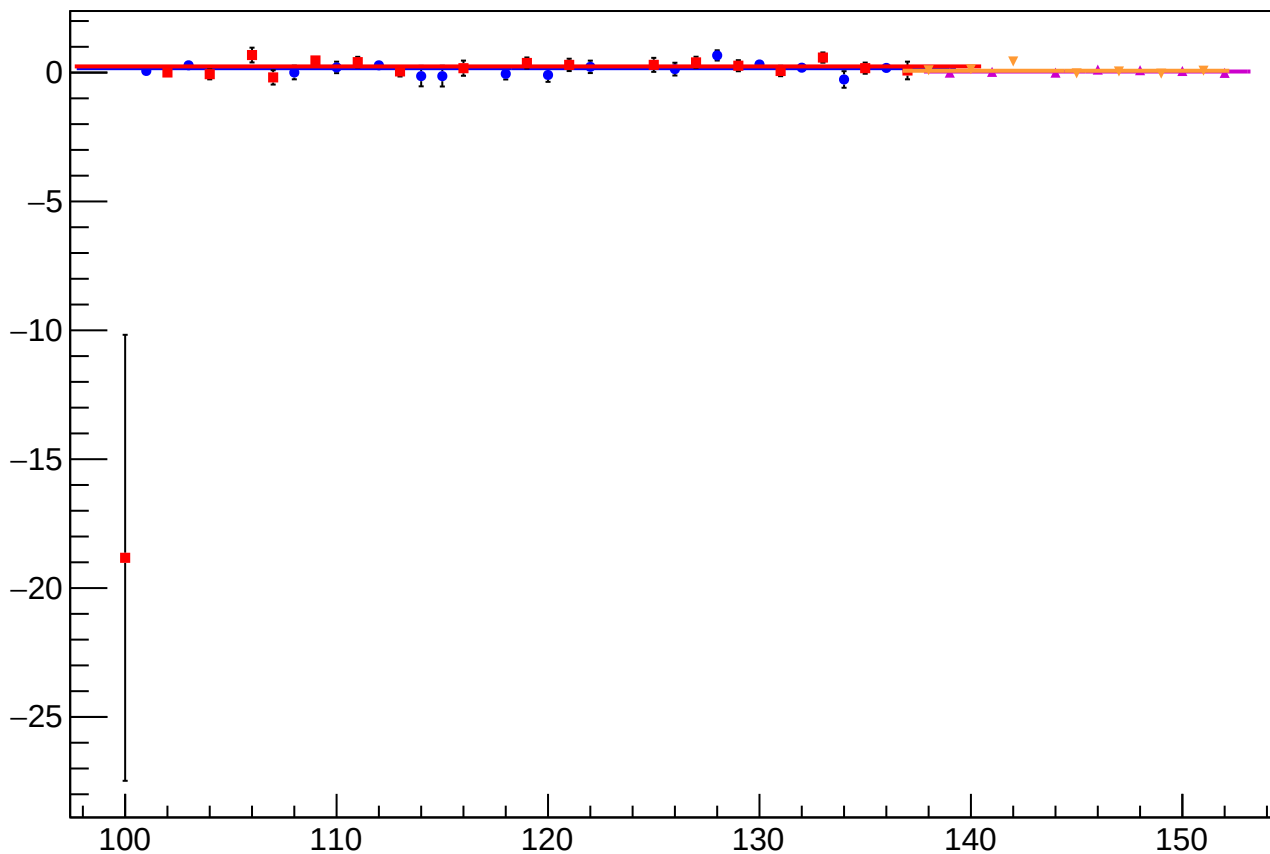
Right: -0.024 $\pm$ 0.020 χ^2 /NDF: 40.0/33

In: -0.011 $\pm$ 0.020 χ^2 /NDF:24.8/22

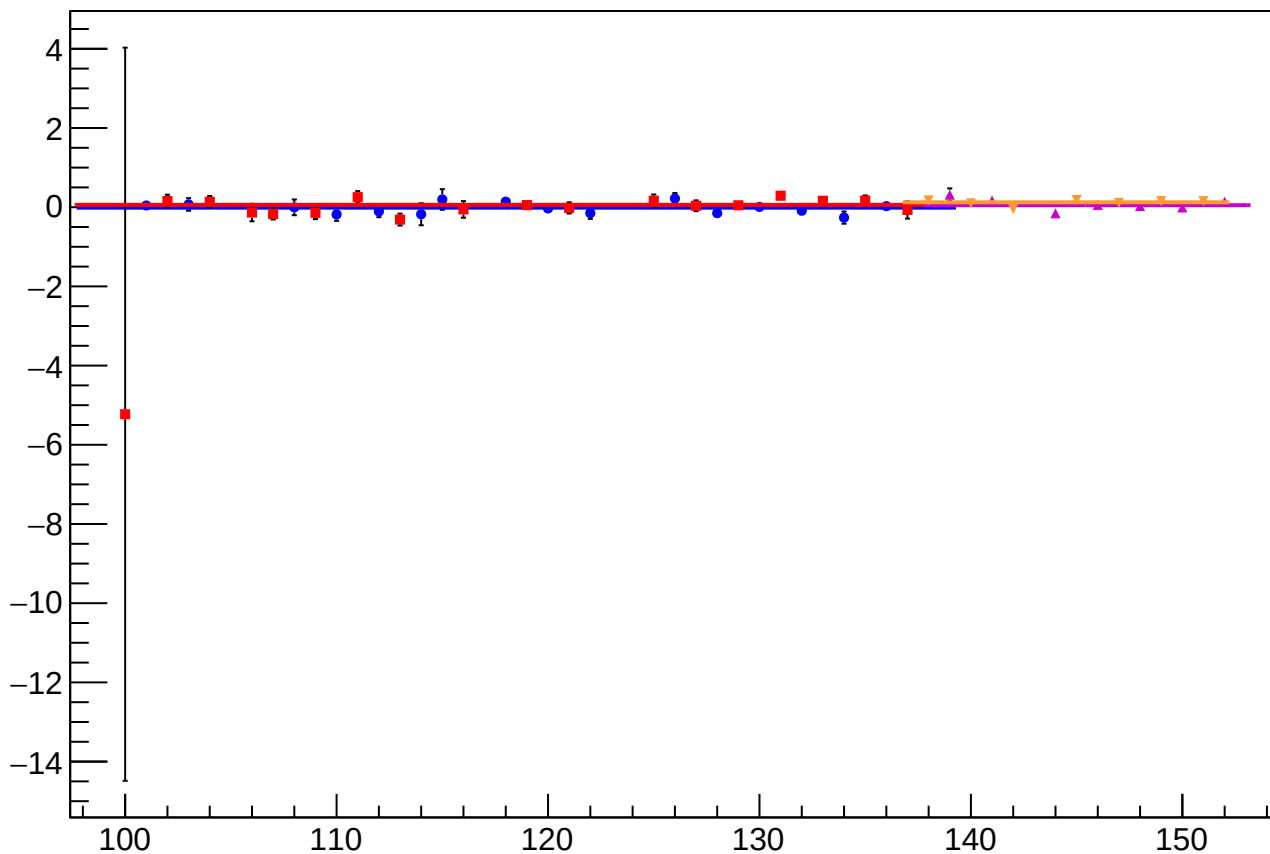
Out: -0.073 $\pm$ 0.020 χ^2 /NDF:30.0/24

All: -0.041 $\pm$ 0.014 χ^2 /NDF: 59.7/47

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.124 ± 0.034 χ^2/NDF : 2.9/6

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: 0.086 ± 0.024 χ^2/NDF : 16.5/13

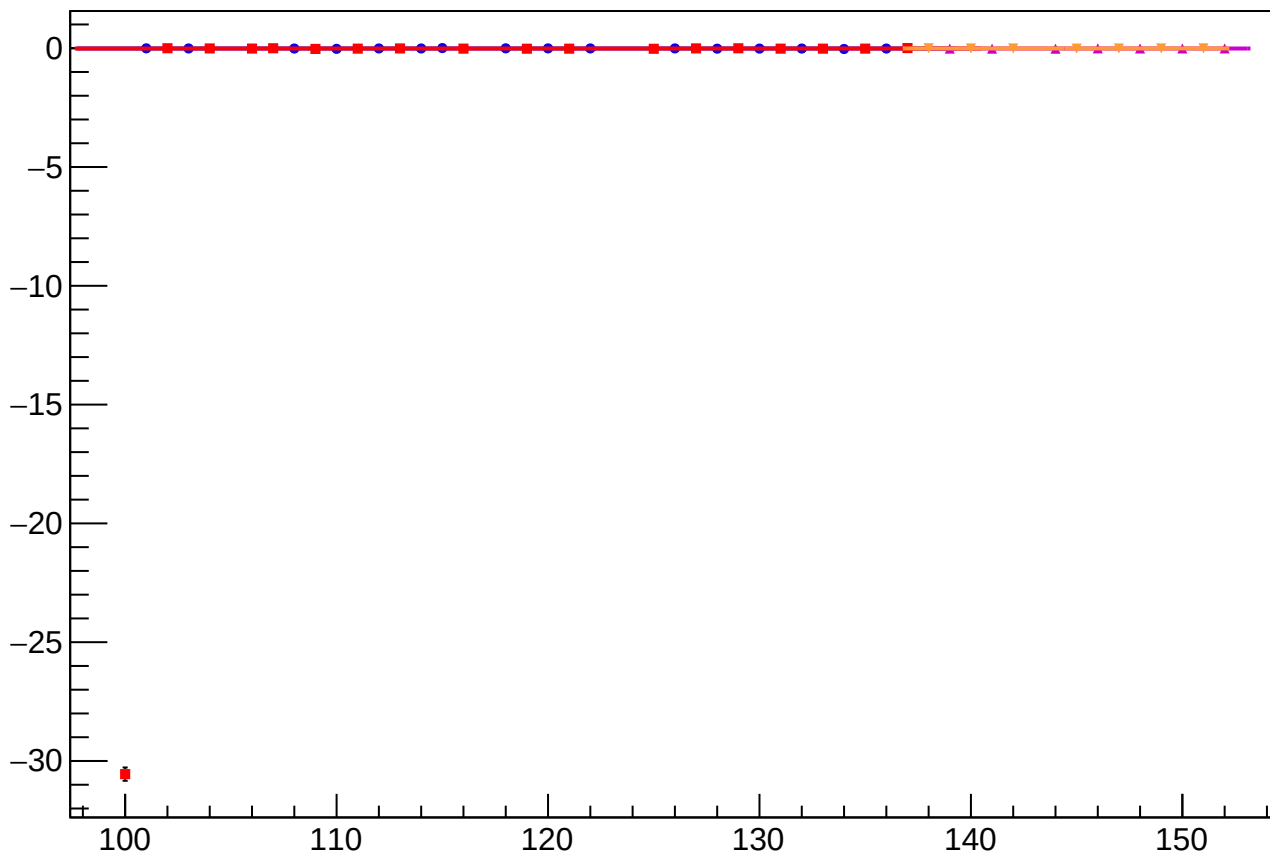
Right: 0.022 ± 0.023 χ^2/NDF : 36.5/33

In: 0.019 ± 0.023 χ^2/NDF : 26.7/22

Out: 0.091 ± 0.024 χ^2/NDF : 25.3/24

All: 0.054 ± 0.017 χ^2/NDF : 56.7/47

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 : 7.6/6

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: -0.011 ± 0.001 χ^2/NDF : 17.8/13

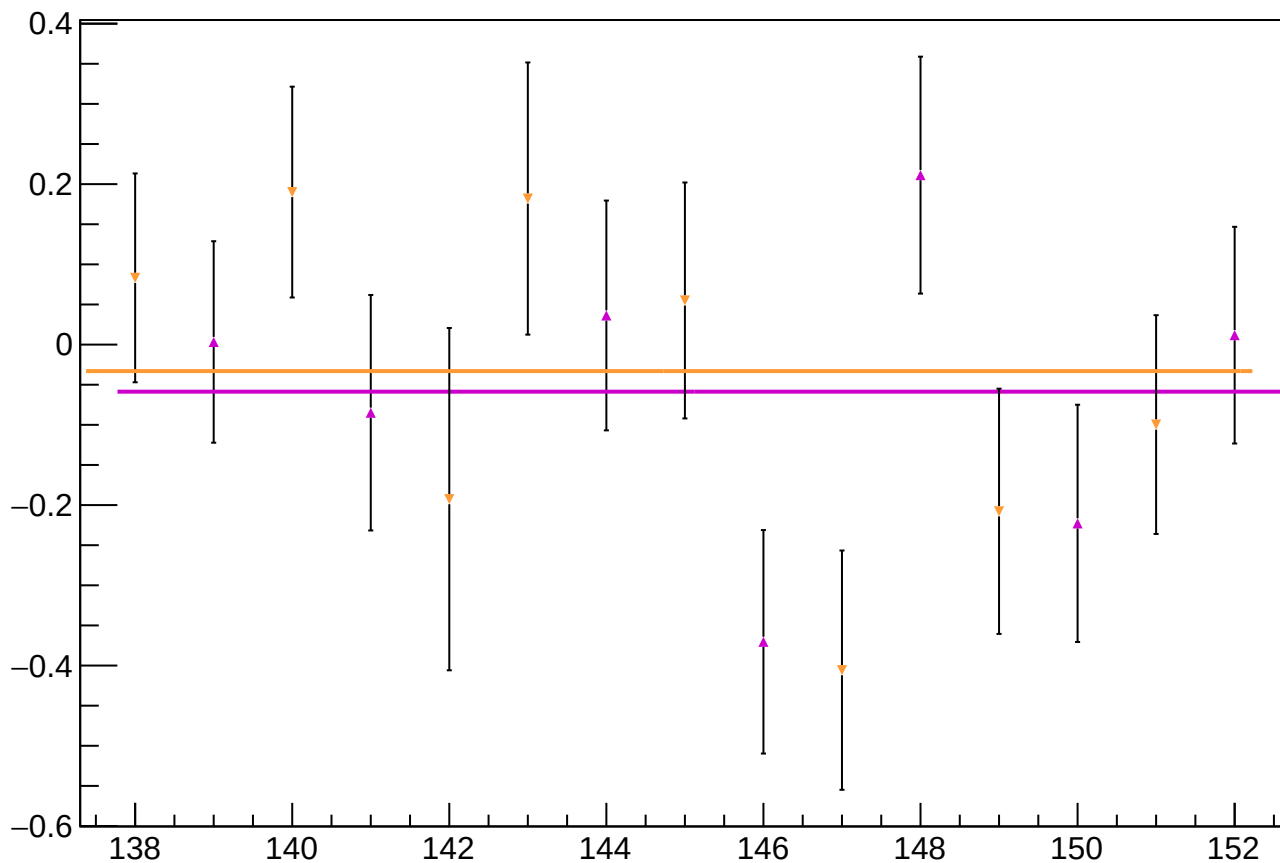
Right: -0.012 ± 0.001 χ^2/NDF : 11904.4/33

In: -0.012 ± 0.001 χ^2/NDF : 20.9/22

Out: -0.010 ± 0.001 χ^2/NDF : 11900.8/24

All: -0.011 ± 0.001 χ^2/NDF : 11922.7/47

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.033+/-0.053 χ^2/NDF :14.0/7

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: -0.046+/-0.037 χ^2/NDF : 24.7/14

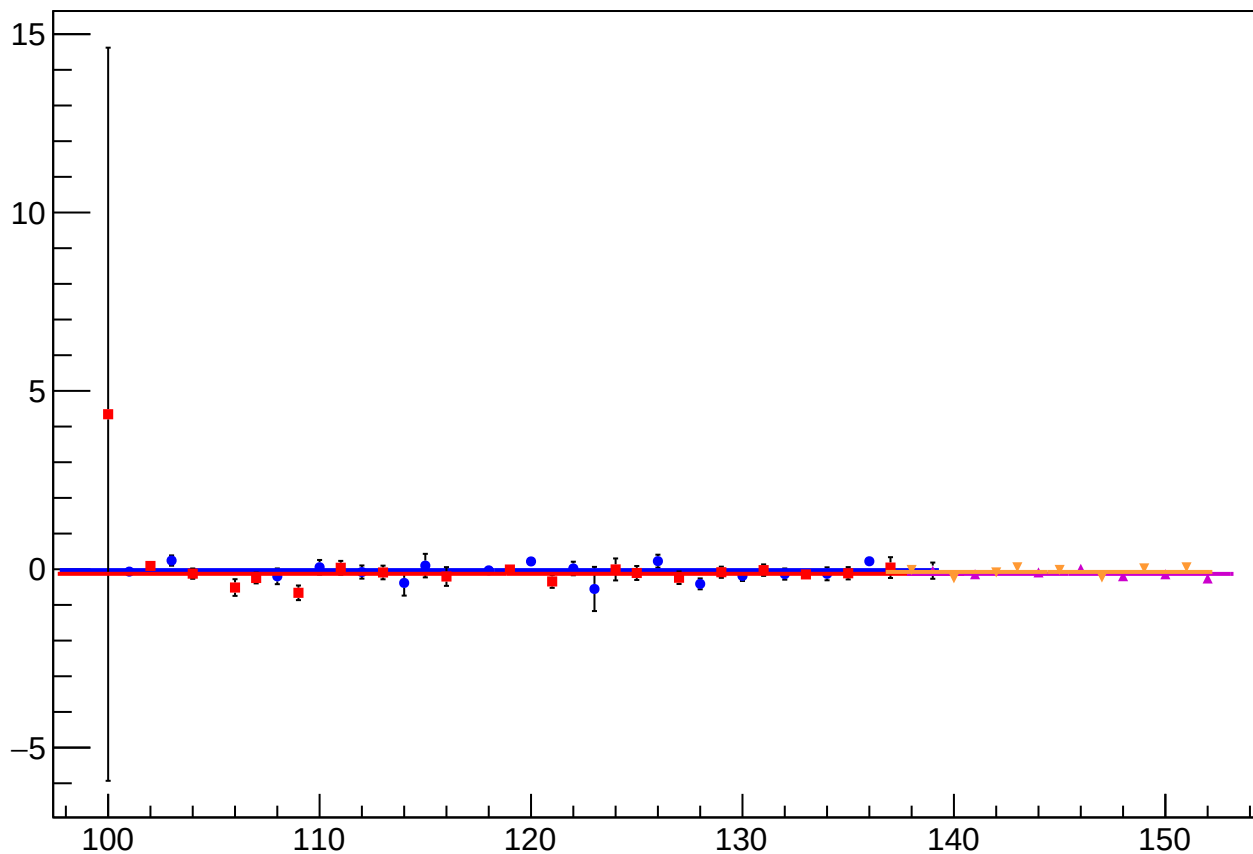
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.059+/-0.053 χ^2/NDF :10.6/6

Out: -0.033+/-0.053 χ^2/NDF :14.0/7

All: -0.046+/-0.037 χ^2/NDF : 24.7/14

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 ± 0.035 χ^2/NDF : 13.0/7

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: -0.102 ± 0.025 χ^2/NDF : 19.8/14

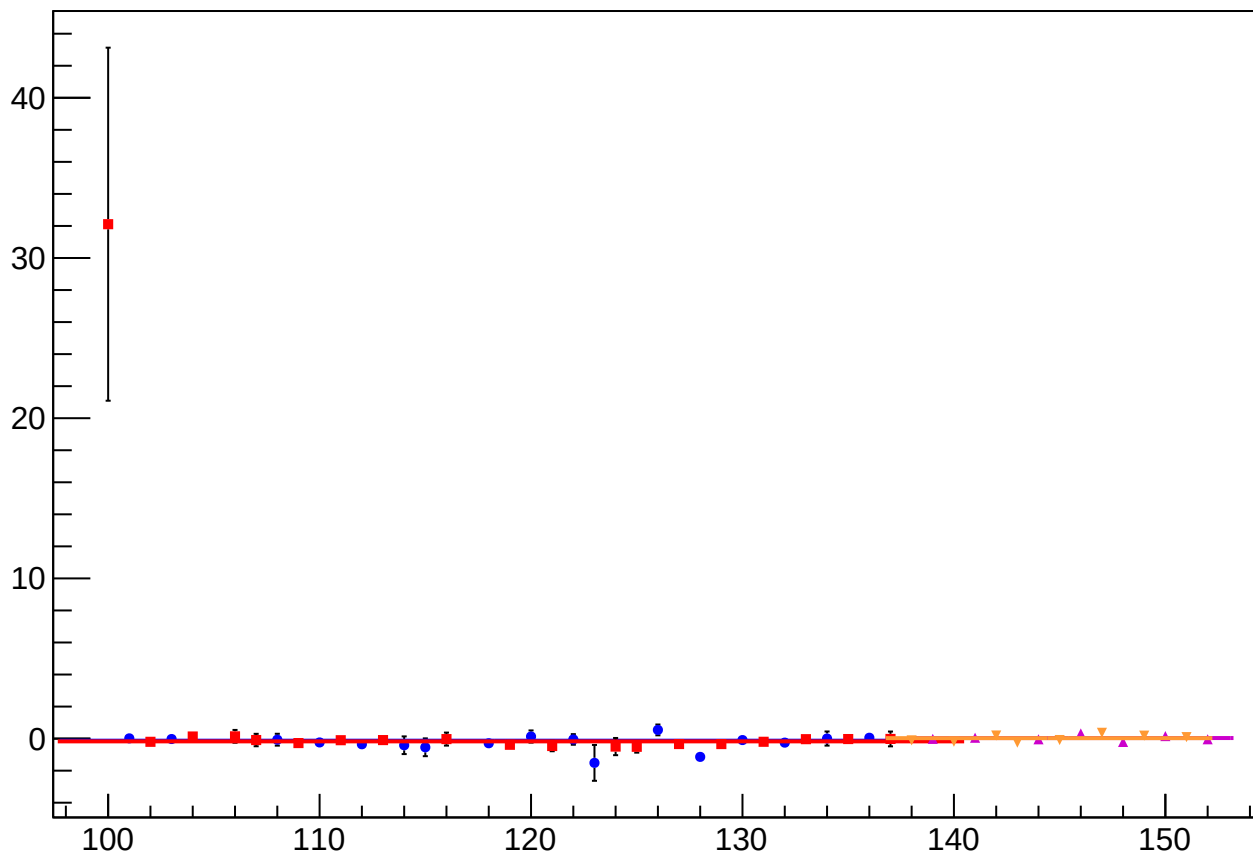
Right: -0.072 ± 0.027 χ^2/NDF : 44.7/35

In: -0.077 ± 0.026 χ^2/NDF : 33.3/23

Out: -0.099 ± 0.026 χ^2/NDF : 31.6/26

All: -0.088 ± 0.018 χ^2/NDF : 65.2/50

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.029 ± 0.053 χ^2/NDF : 14.2/7

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

Left In: 0.036 ± 0.053 χ^2/NDF : 9.3/6

Left: 0.032 ± 0.038 χ^2/NDF : 23.5/14

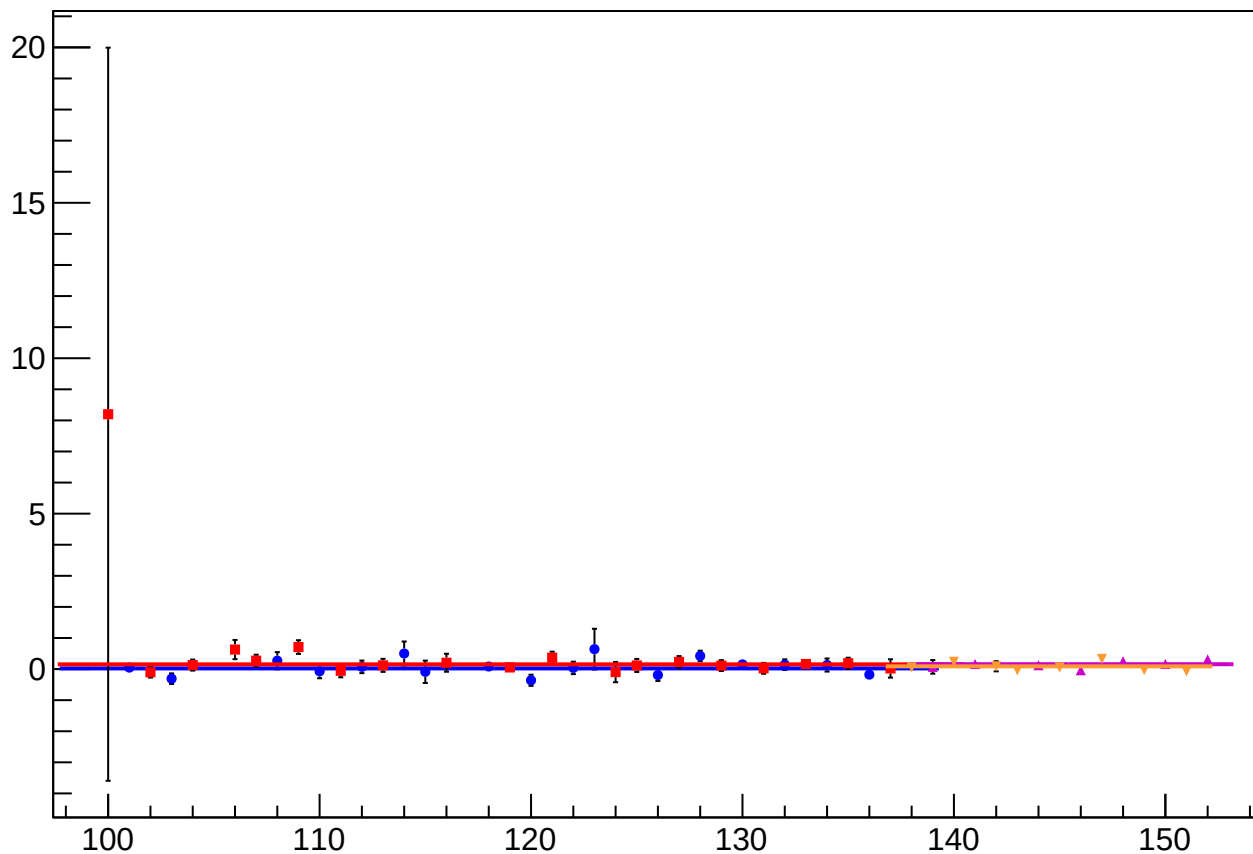
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.027 ± 0.041 χ^2/NDF : 36.8/23

Out: -0.043 ± 0.043 χ^2/NDF : 34.3/26

All: -0.035 ± 0.030 χ^2/NDF : 71.2/50

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+/-0.044 χ^2/NDF : 11.8/7

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: 0.121+/-0.032 χ^2/NDF : 19.2/14

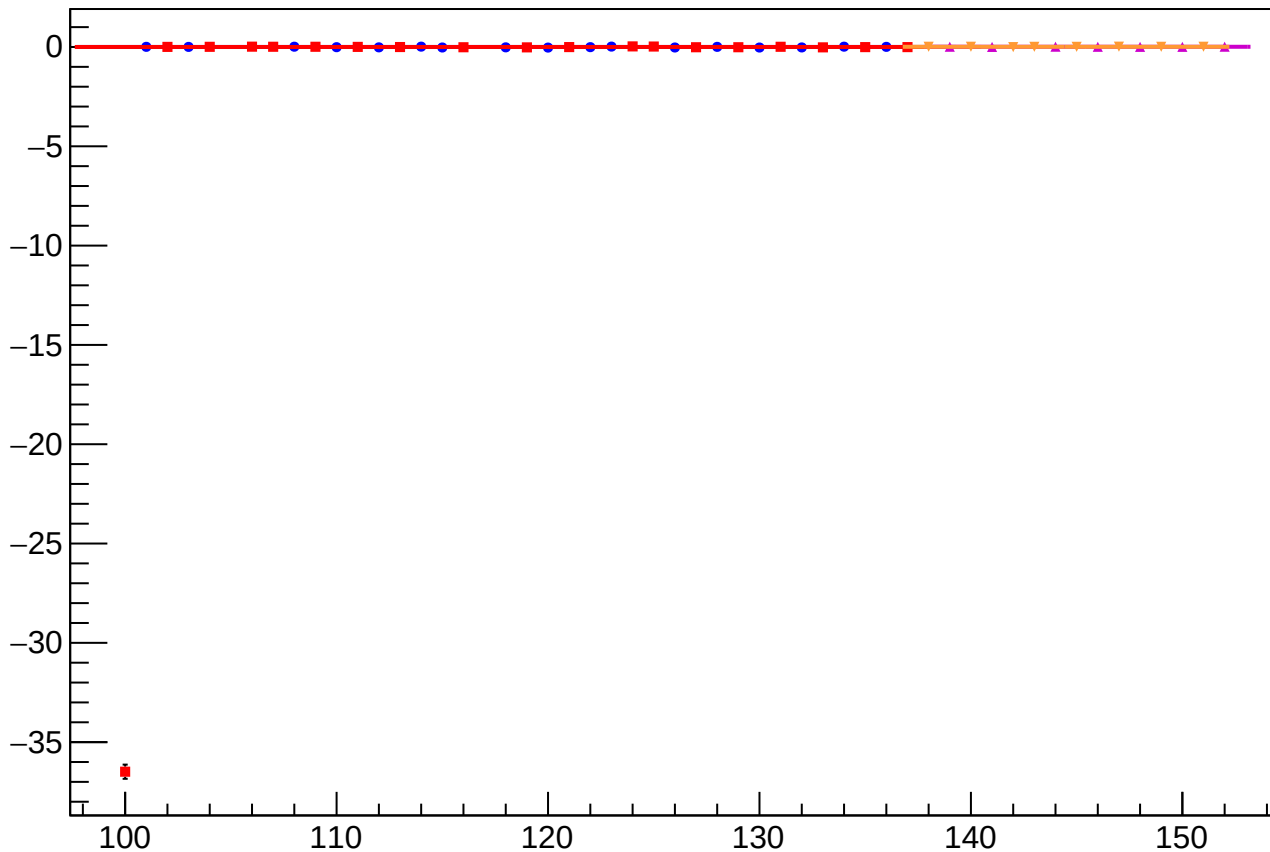
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.084+/-0.031 χ^2/NDF : 33.5/23

Out: 0.119+/-0.032 χ^2/NDF : 29.1/26

All: 0.101+/-0.022 χ^2/NDF : 63.2/50

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 : 4.5/7

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 : 7.5/14

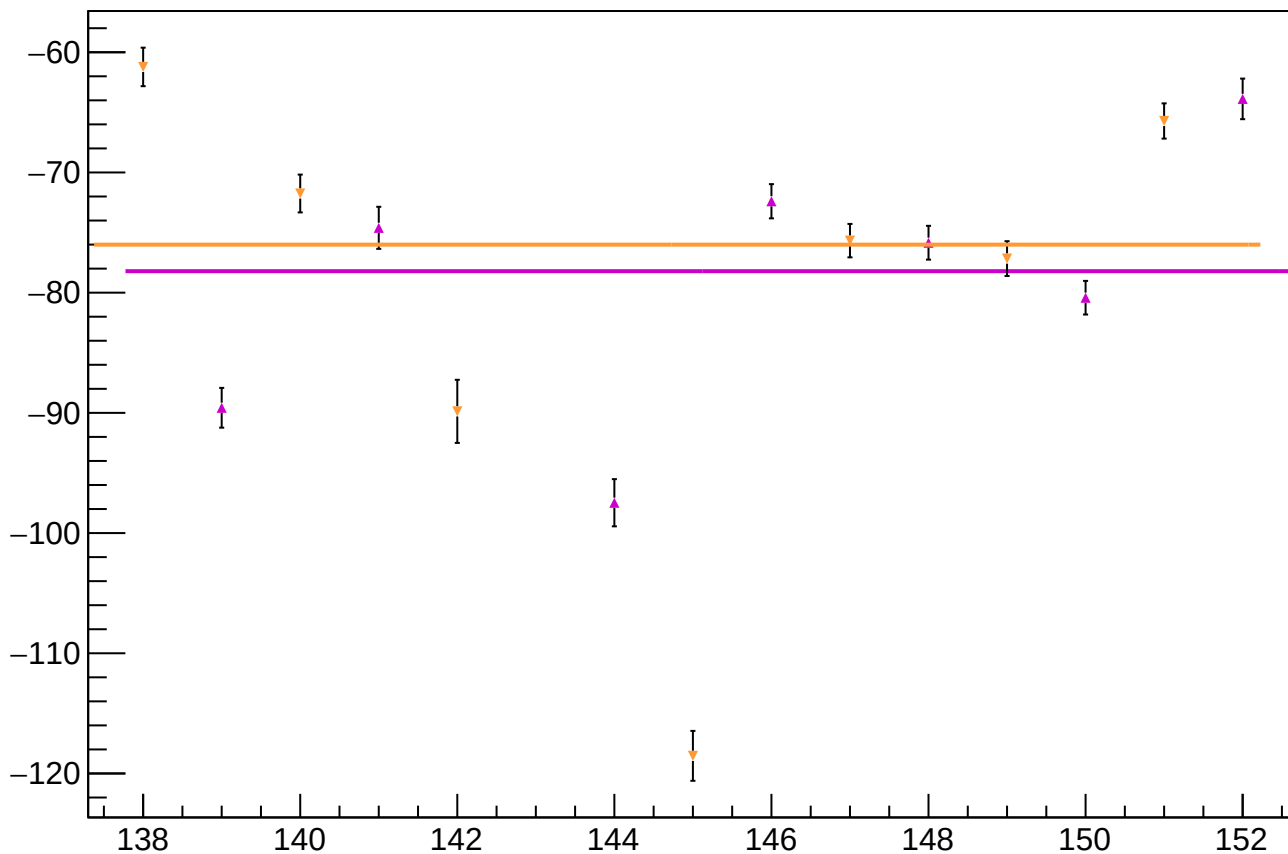
Right: 0.001 $\pm$ 0.002 χ^2/NDF : 10481.5/35

In: 0.006 $\pm$ 0.002 χ^2/NDF : 44.7/23

Out: 0.006 $\pm$ 0.002 χ^2/NDF : 10462.1/26

All: 0.006 $\pm$ 0.001 χ^2/NDF : 10506.8/50

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: -76.004+/-0.616 χ^2/NDF :590.2/6

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: -77.145+/-0.429 χ^2/NDF : 838.6/13

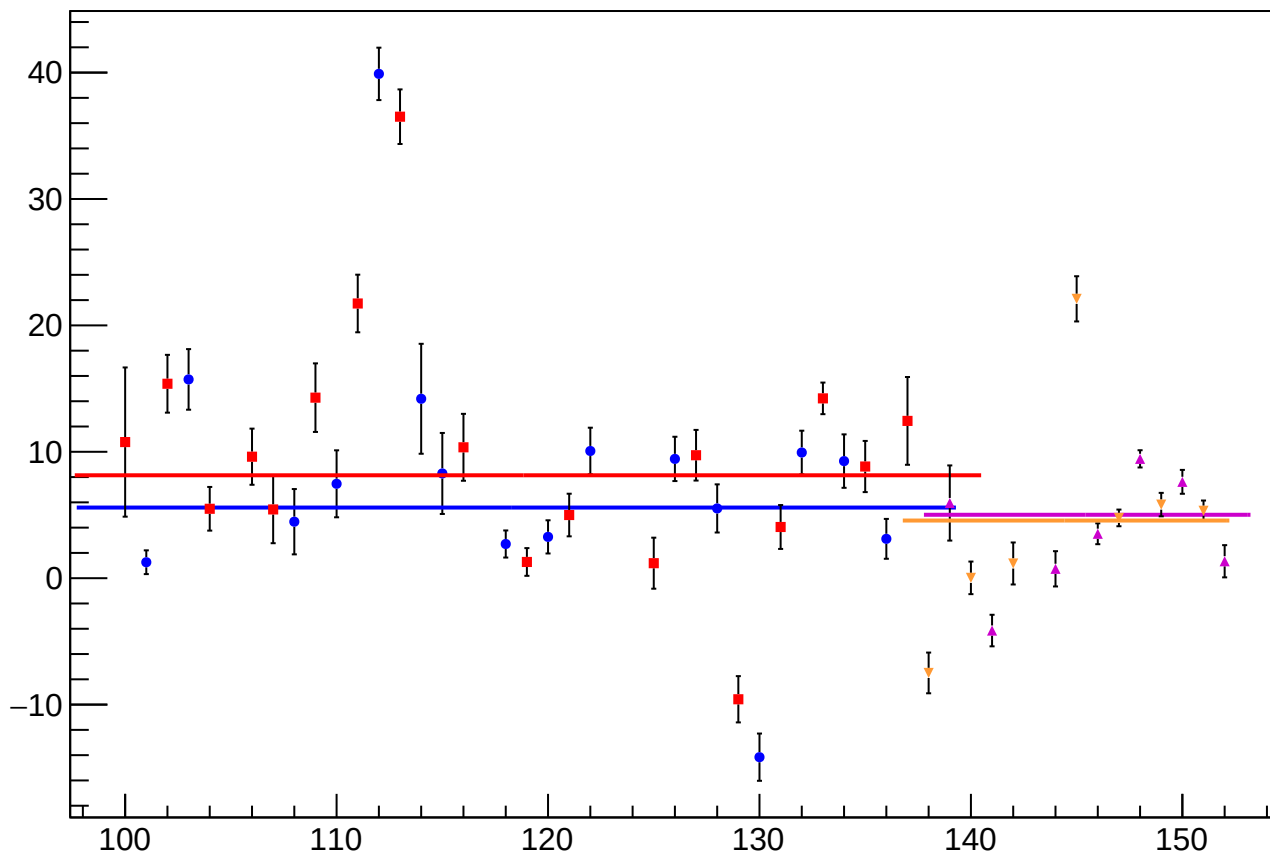
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.213+/-0.596 χ^2/NDF :241.7/6

Out: -76.004+/-0.616 χ^2/NDF :590.2/6

All: -77.145+/-0.429 χ^2/NDF : 838.6/13

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 4.562 ± 0.388 χ^2/NDF : 171.6/6

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

Left In: 5.017 ± 0.389 χ^2/NDF : 124.6/6

Left: 4.789 ± 0.275 χ^2/NDF : 296.9/13

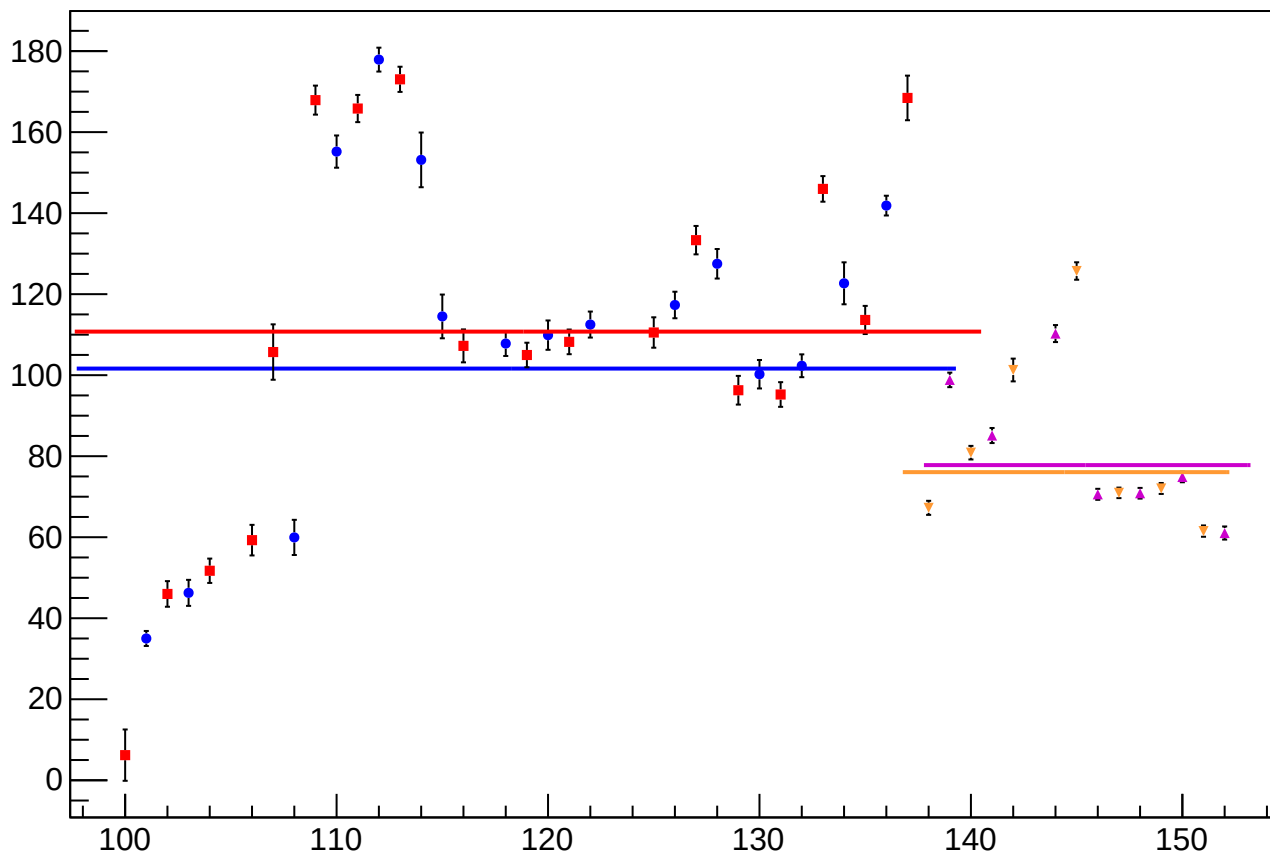
Right: 6.778 ± 0.310 χ^2/NDF : 887.4/33

In: 5.279 ± 0.286 χ^2/NDF : 588.4/22

Out: 6.073 ± 0.295 χ^2/NDF : 615.3/24

All: 5.664 ± 0.205 χ^2/NDF : 1207.5/47

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: 76.065 $\pm$ 0.611 χ^2 /NDF:778.4/6

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: 76.969 $\pm$ 0.423 χ^2 /NDF: 1343.1/13

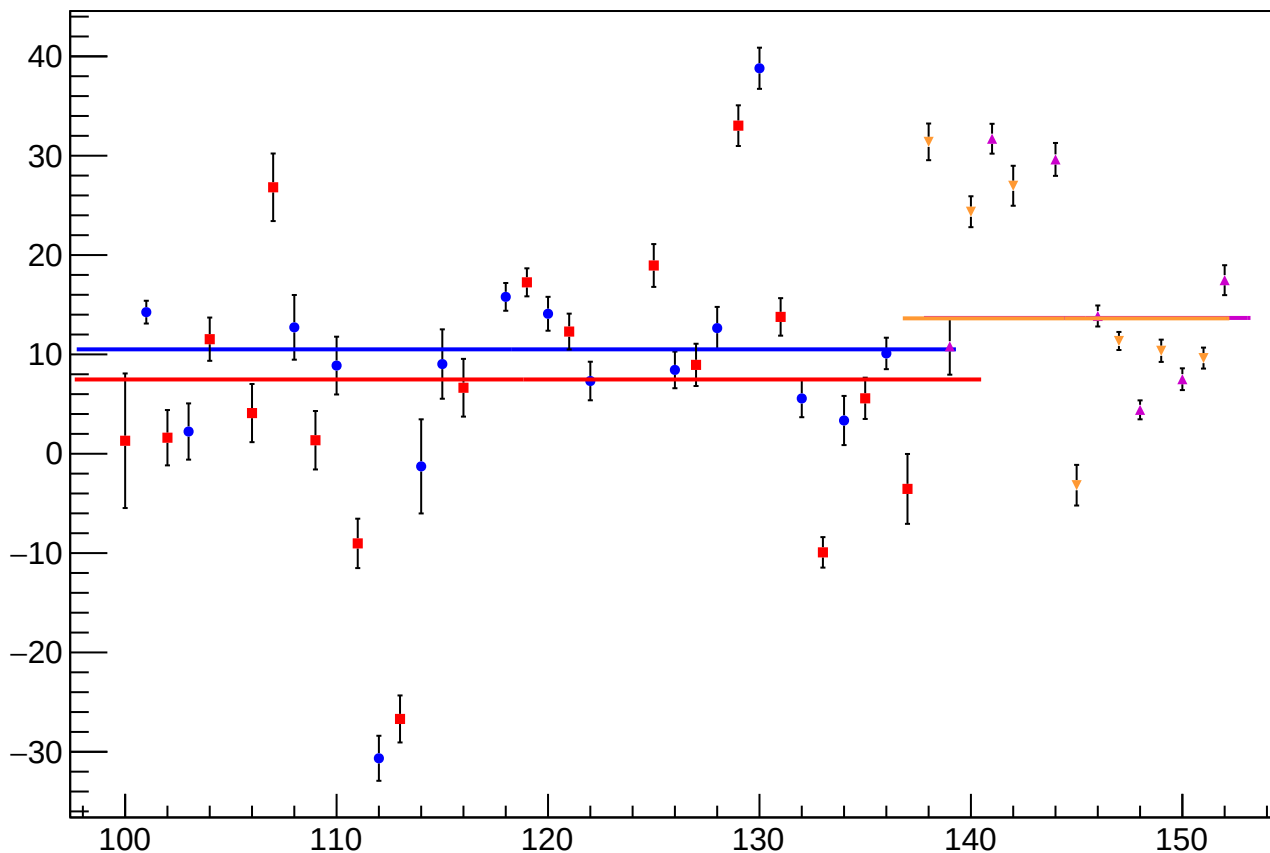
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 86.035 $\pm$ 0.474 χ^2 /NDF:4110.1/22

Out: 88.133 $\pm$ 0.493 χ^2 /NDF:4413.8/24

All: 87.043 $\pm$ 0.342 χ^2 /NDF: 8533.3/47

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508+/-0.492 χ^2/NDF : 581.5/15

Left Out: 13.627+/-0.494 χ^2/NDF : 280.8/6

Right Out: 7.477+/-0.524 χ^2/NDF : 689.3/17

Left In: 13.670+/-0.488 χ^2/NDF : 370.1/6

Left: 13.649+/-0.347 χ^2/NDF : 650.9/13

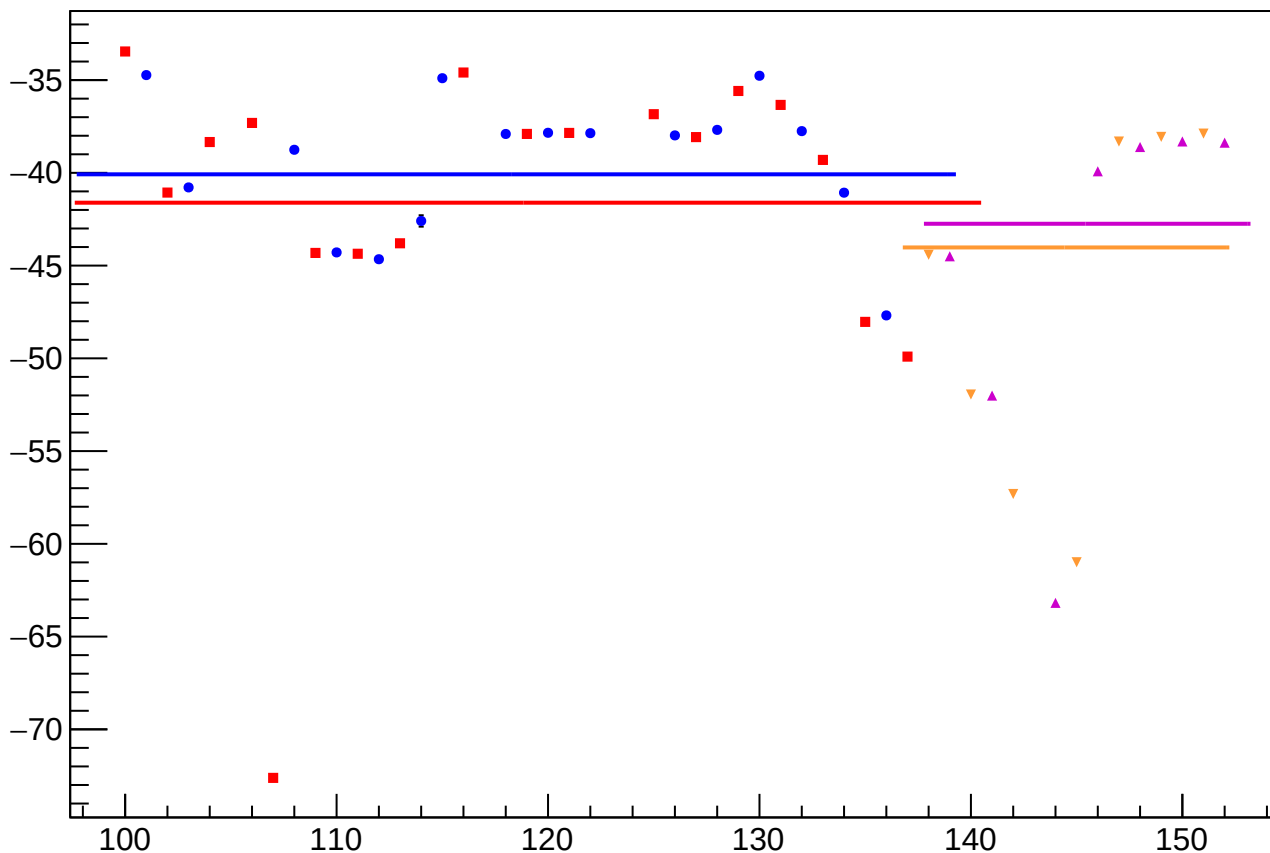
Right: 9.088+/-0.359 χ^2/NDF : 1288.6/33

In: 12.101+/-0.347 χ^2/NDF : 972.4/22

Out: 10.733+/-0.359 χ^2/NDF : 1043.1/24

All: 11.442+/-0.249 χ^2/NDF : 2023.0/47

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: -44.022 $\pm$ 0.026 χ^2 /NDF:94425.6/6

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: -43.337 $\pm$ 0.018 χ^2 /NDF: 179116.4/13

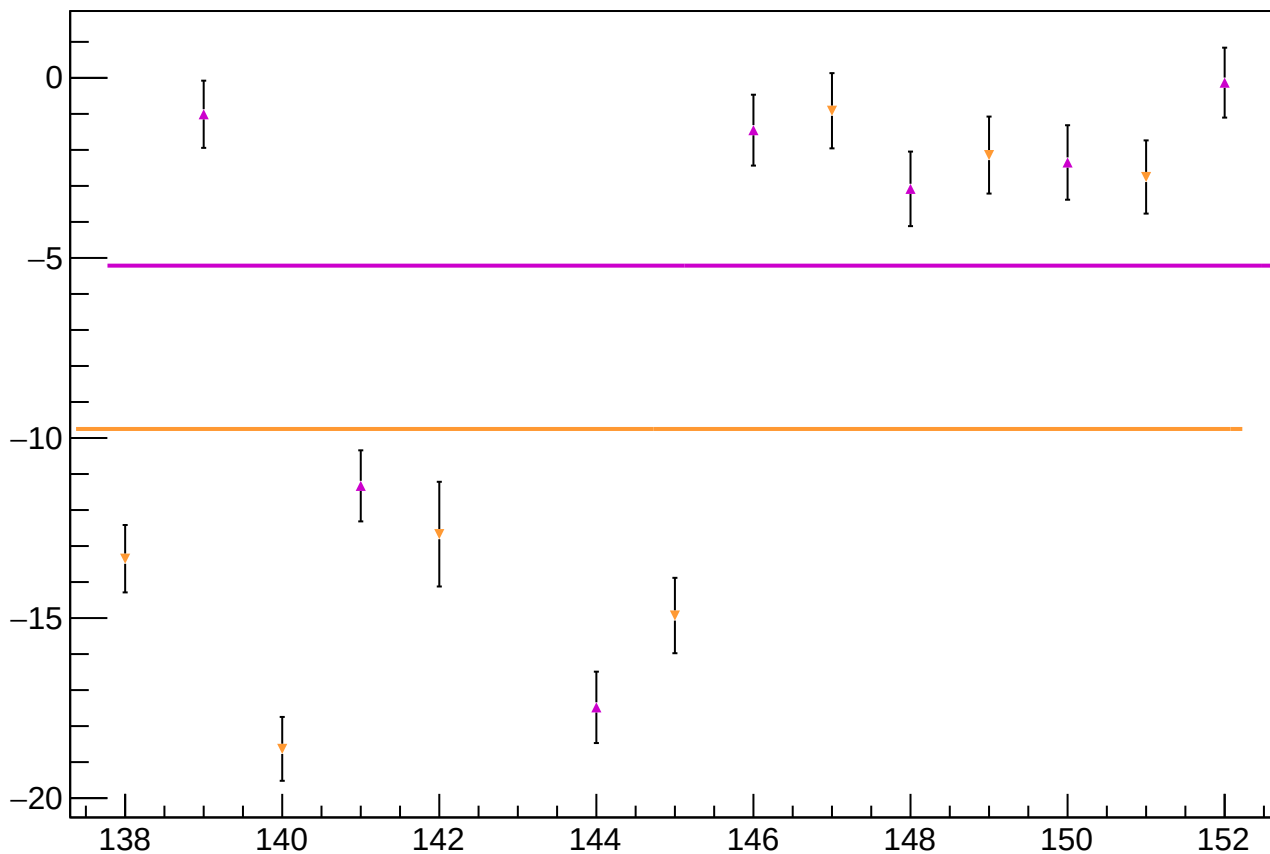
Right: -40.834 $\pm$ 0.020 χ^2 /NDF: 88360.5/33

In: -41.602 $\pm$ 0.018 χ^2 /NDF:113653.4/22

Out: -42.915 $\pm$ 0.019 χ^2 /NDF:160068.0/24

All: -42.228 $\pm$ 0.013 χ^2 /NDF: 276131.7/47

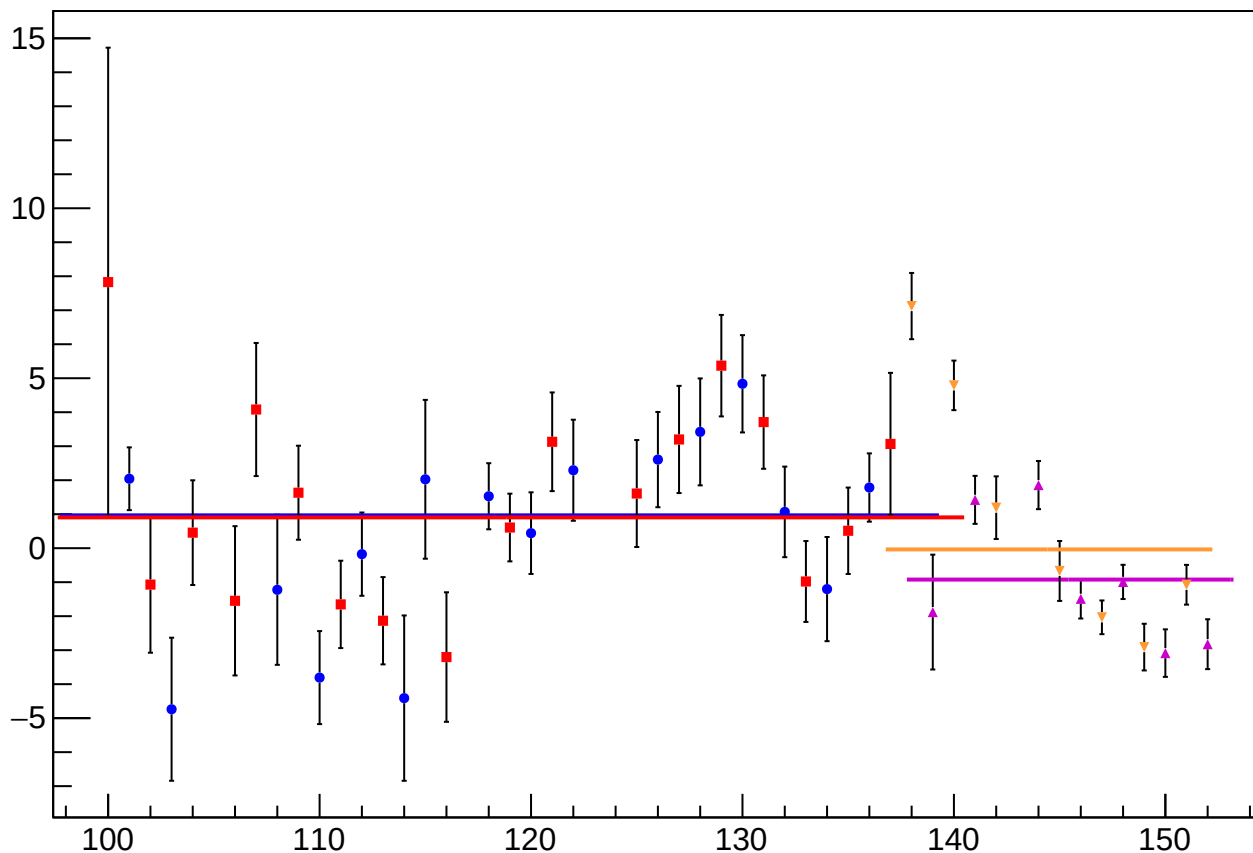
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.749 $\pm$ 0.390 χ^2 /NDF:313.3/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.214 $\pm$ 0.374 χ^2 /NDF:265.8/6

Left: -7.383 $\pm$ 0.270 χ^2 /NDF: 649.5/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.214 $\pm$ 0.374 χ^2 /NDF:265.8/6
 Out: -9.749 $\pm$ 0.390 χ^2 /NDF:313.3/6
 All: -7.383 $\pm$ 0.270 χ^2 /NDF: 649.5/13

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.036 ± 0.263 χ^2/NDF : 137.0/6

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

Left In: -0.924 ± 0.257 χ^2/NDF : 44.0/6

Left: -0.490 ± 0.184 χ^2/NDF : 186.8/13

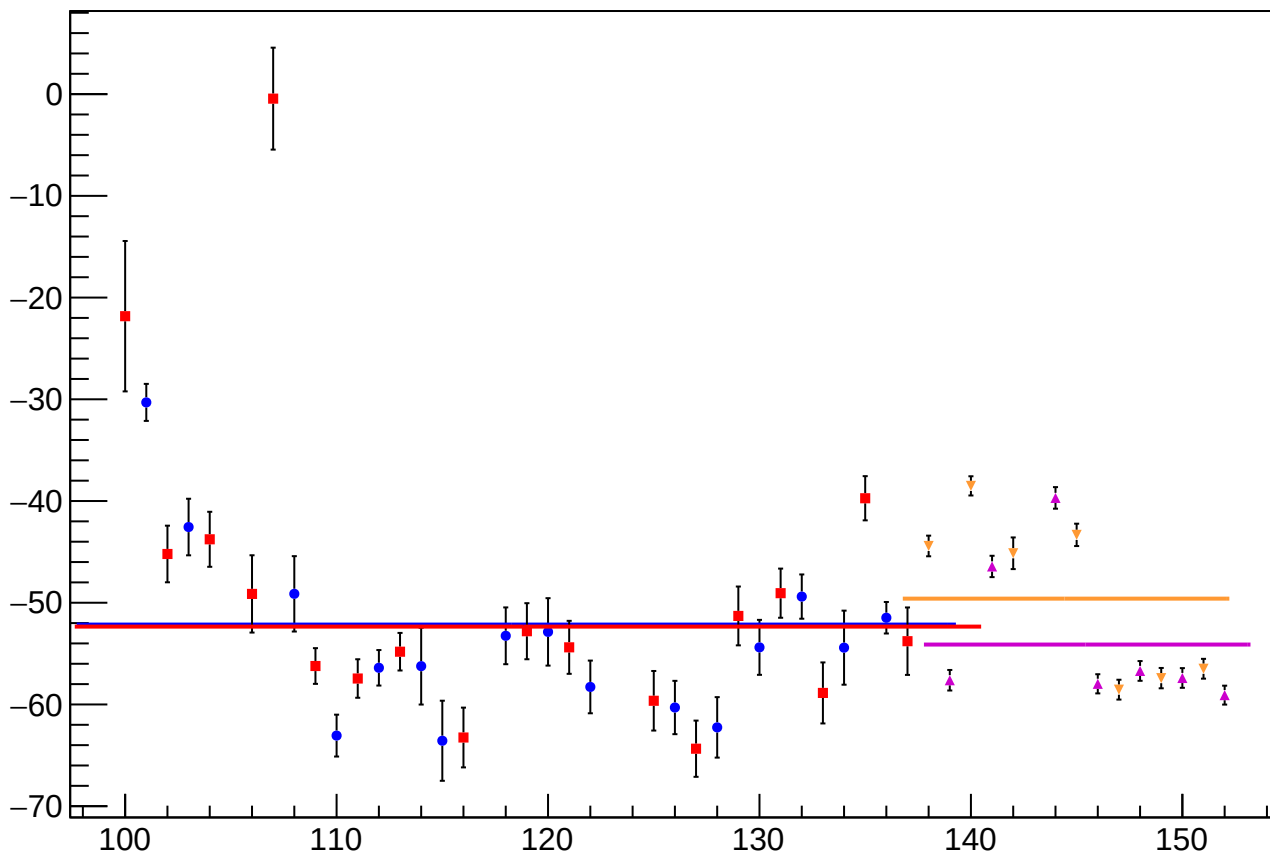
Right: 0.937 ± 0.244 χ^2/NDF : 84.9/33

In: -0.233 ± 0.204 χ^2/NDF : 106.7/22

Out: 0.298 ± 0.211 χ^2/NDF : 183.5/24

All: 0.024 ± 0.147 χ^2/NDF : 293.6/47

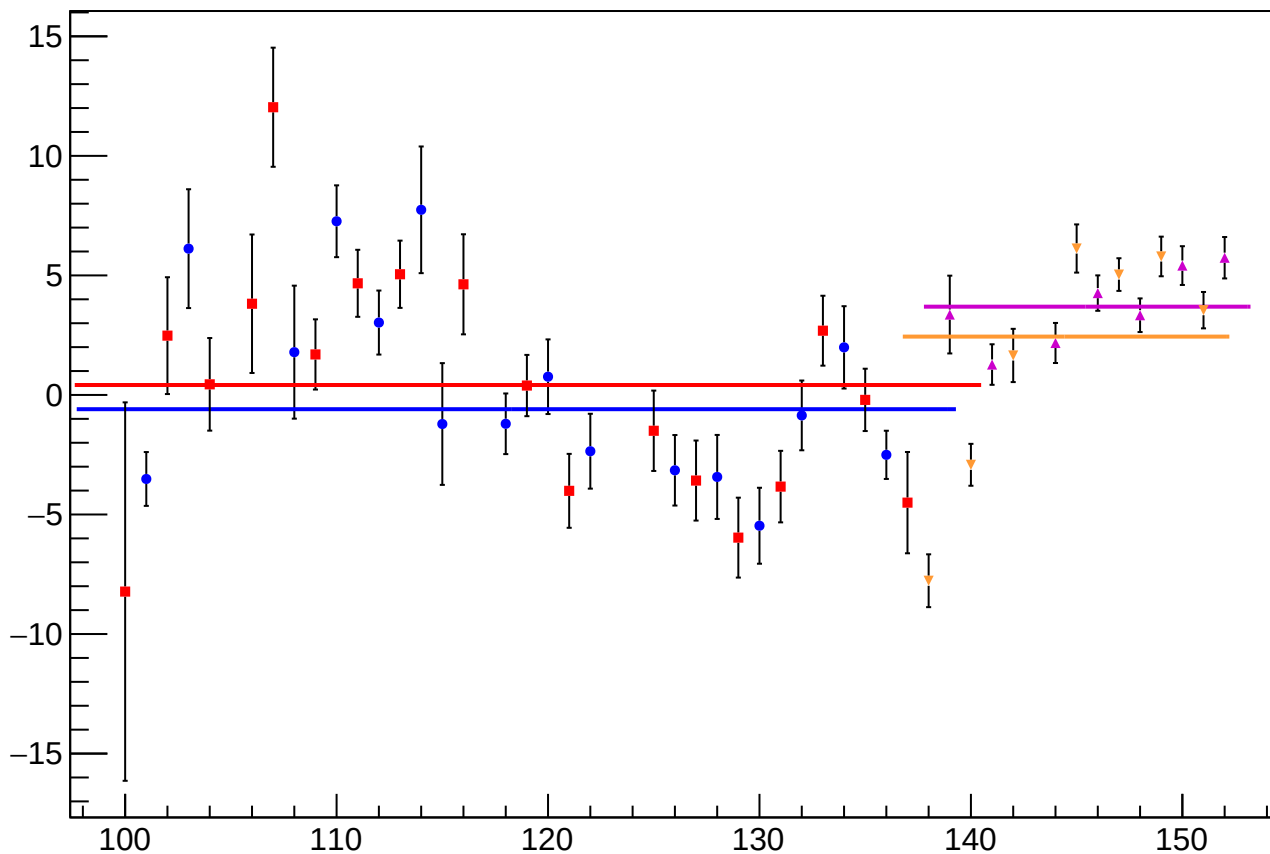
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15
 Left Out: -49.597 ± 0.394 χ^2/NDF : 399.9/6
 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: -51.979 ± 0.271 χ^2/NDF : 783.8/13
 Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33
 In: -53.579 ± 0.318 χ^2/NDF : 552.4/22
 Out: -50.396 ± 0.332 χ^2/NDF : 649.8/24
 All: -52.054 ± 0.230 χ^2/NDF : 1250.1/47

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: 2.441 ± 0.329 χ^2/NDF : 169.6/6

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: 3.088 ± 0.229 χ^2/NDF : 199.5/13

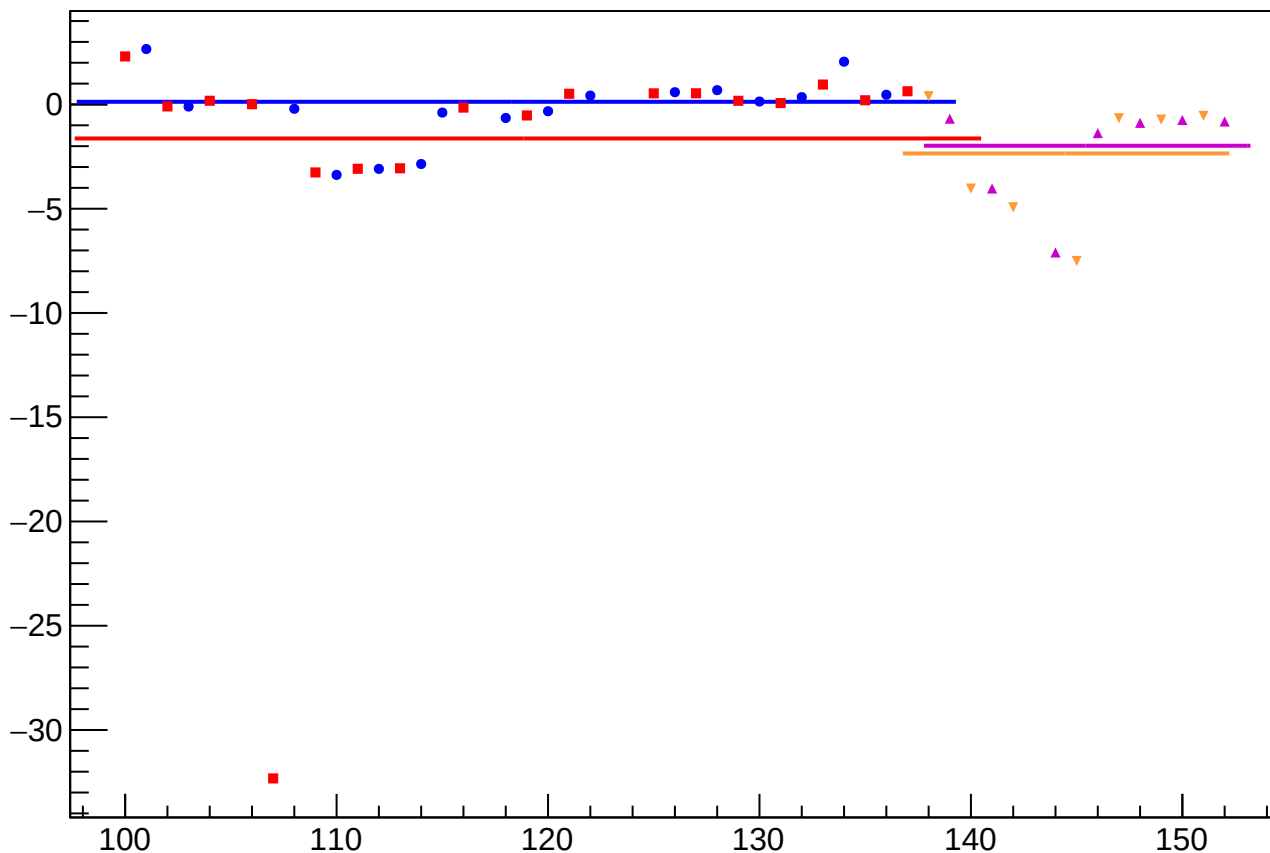
Right: -0.111 ± 0.277 χ^2/NDF : 181.7/33

In: 1.947 ± 0.245 χ^2/NDF : 179.0/22

Out: 1.623 ± 0.254 χ^2/NDF : 280.7/24

All: 1.791 ± 0.176 χ^2/NDF : 460.5/47

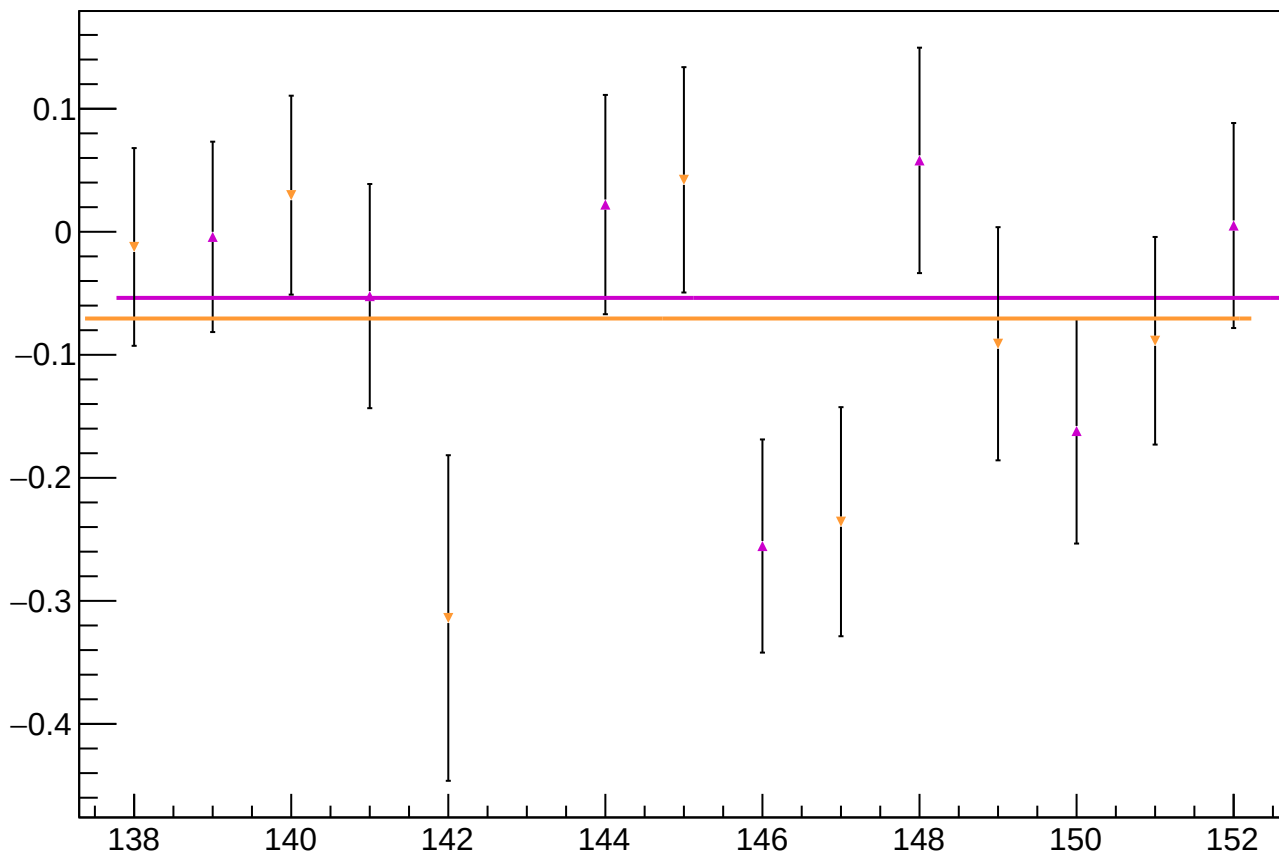
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -2.350 ± 0.017 $\chi^2/\text{NDF}: 27042.3/6$
 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: -2.150 ± 0.011 $\chi^2/\text{NDF}: 45952.0/13$
 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: -2.084 ± 0.013 $\chi^2/\text{NDF}: 105606.0/24$
 All: -1.652 ± 0.009 $\chi^2/\text{NDF}: 137881.3/47$

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: -0.070+/-0.034 χ^2/NDF :10.2/6

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: -0.062+/-0.024 χ^2/NDF : 20.3/13

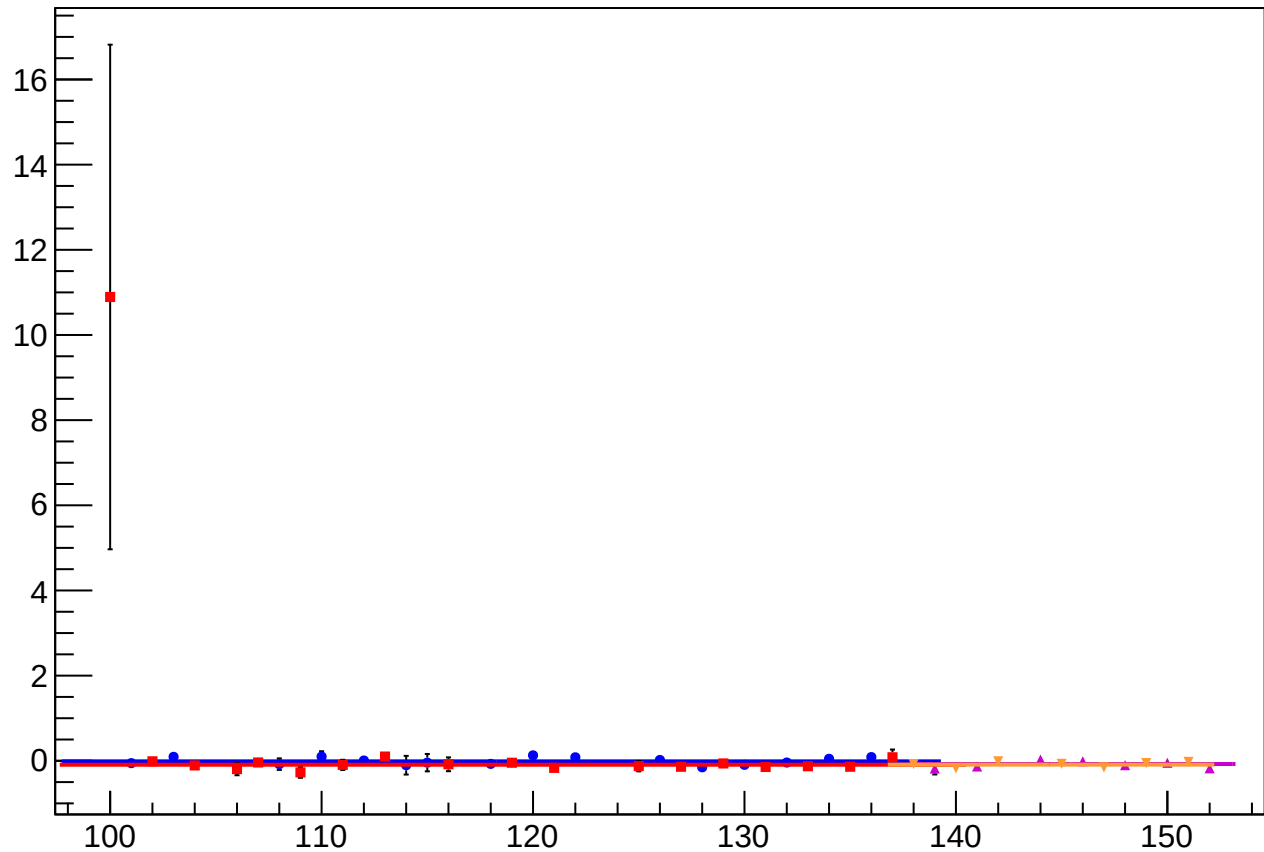
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.033 χ^2/NDF :9.9/6

Out: -0.070+/-0.034 χ^2/NDF :10.2/6

All: -0.062+/-0.024 χ^2/NDF : 20.3/13

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: -0.089 ± 0.023 χ^2/NDF : 7.0/6

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 : 15.9/13

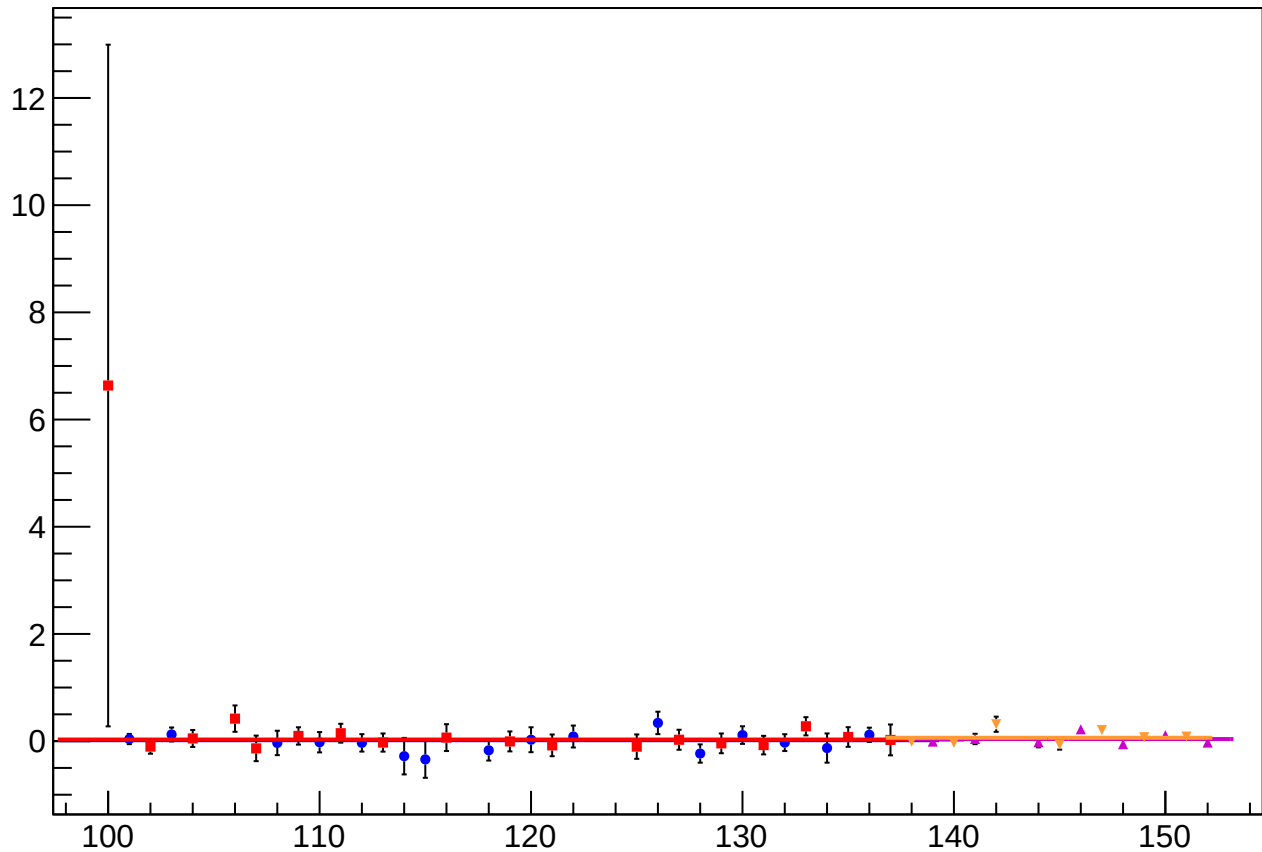
Right: -0.050 ± 0.017 χ^2/NDF : 30.3/33

In: -0.045 ± 0.016 χ^2/NDF : 24.7/22

Out: -0.091 ± 0.017 χ^2/NDF : 19.7/24

All: -0.067 ± 0.012 χ^2/NDF : 48.1/47

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Left Out: 0.063+/-0.035 χ^2/NDF :9.6/6

Right Out: 0.030+/-0.045 χ^2/NDF : 9.2/17

Left In: 0.039+/-0.033 χ^2/NDF :8.1/6

Left: 0.050+/-0.024 χ^2/NDF : 17.9/13

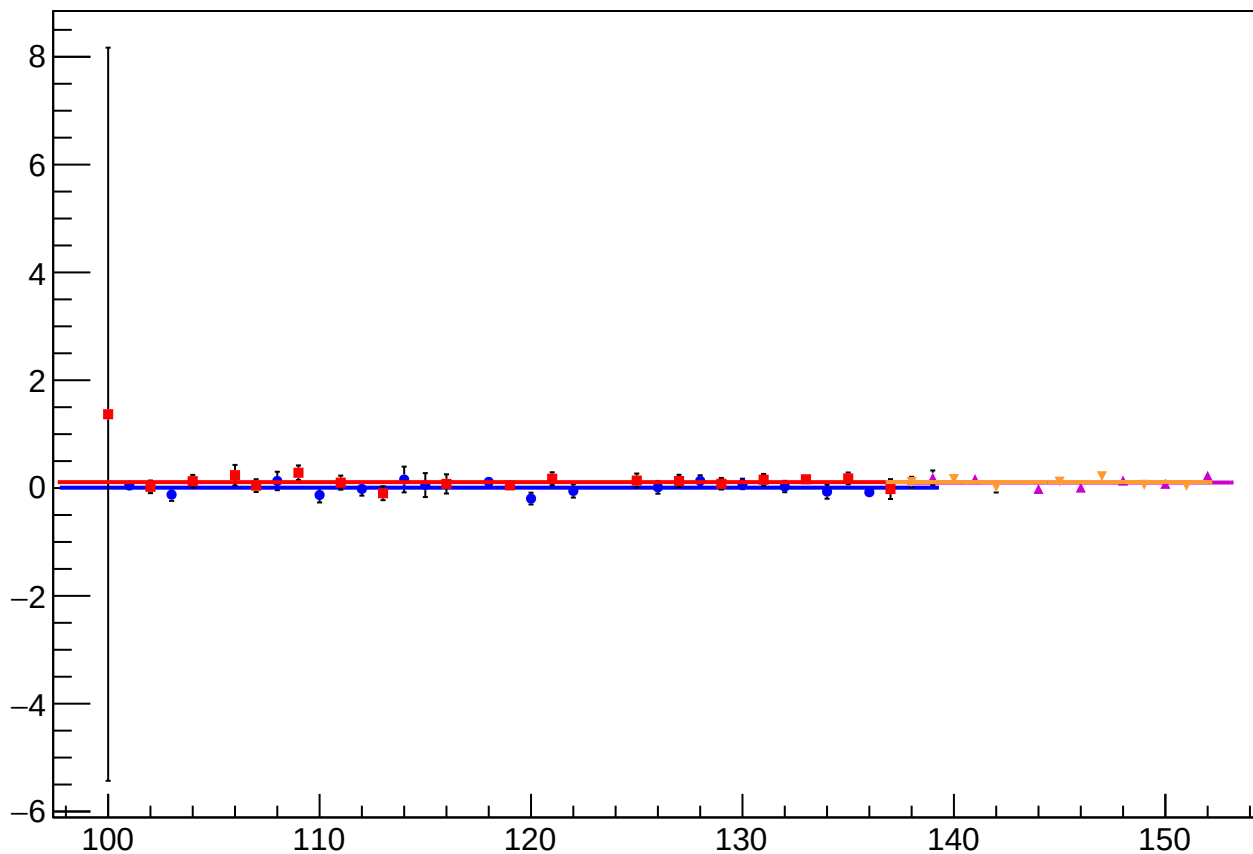
Right: 0.023+/-0.031 χ^2/NDF : 18.9/33

In: 0.031+/-0.026 χ^2/NDF :17.9/22

Out: 0.051+/-0.027 χ^2/NDF :19.1/24

All: 0.040+/-0.019 χ^2/NDF : 37.3/47

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: 0.112 $\pm$ 0.029 χ^2 /NDF:6.2/6

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: 15.2/13

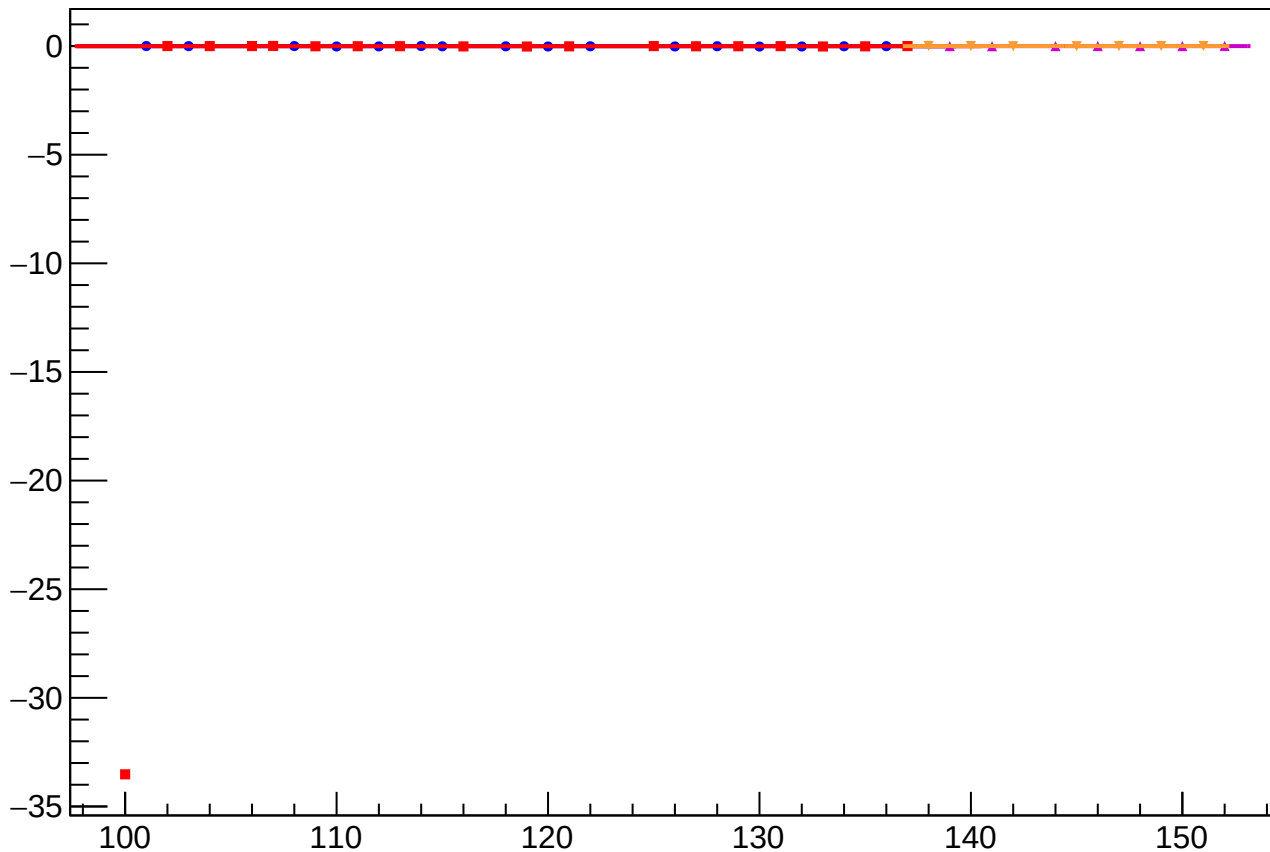
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.053 $\pm$ 0.019 χ^2 /NDF:27.0/22

Out: 0.111 $\pm$ 0.020 χ^2 /NDF:14.2/24

All: 0.080 $\pm$ 0.014 χ^2 /NDF: 45.5/47

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: 6.6/6

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: 11.8/13

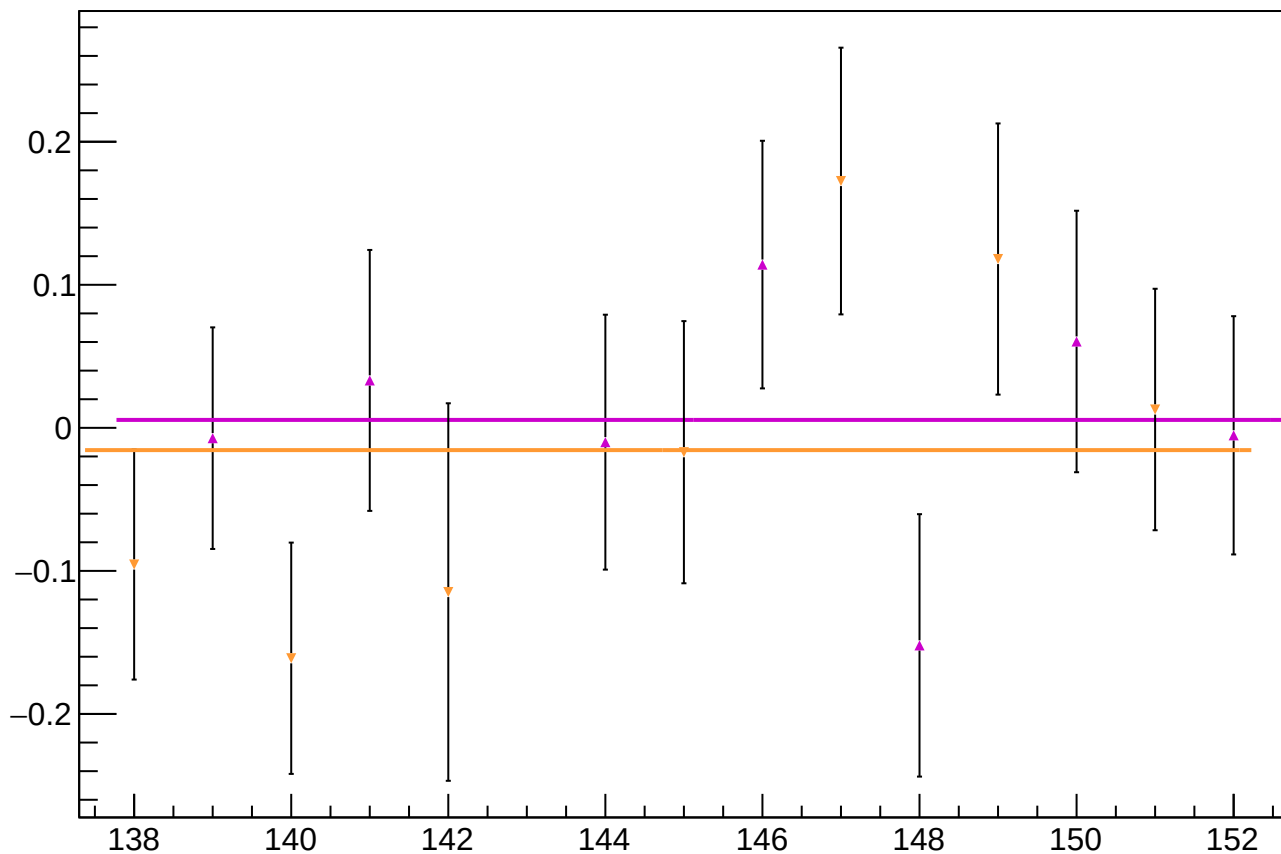
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF: 32.4/22

Out: -0.003 $\pm$ 0.001 χ^2 /NDF: 26525.9/24

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26558.4/47

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: -0.016 $\pm$ 0.034 χ^2 /NDF:11.0/6

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: -0.005 $\pm$ 0.024 χ^2 /NDF: 16.2/13

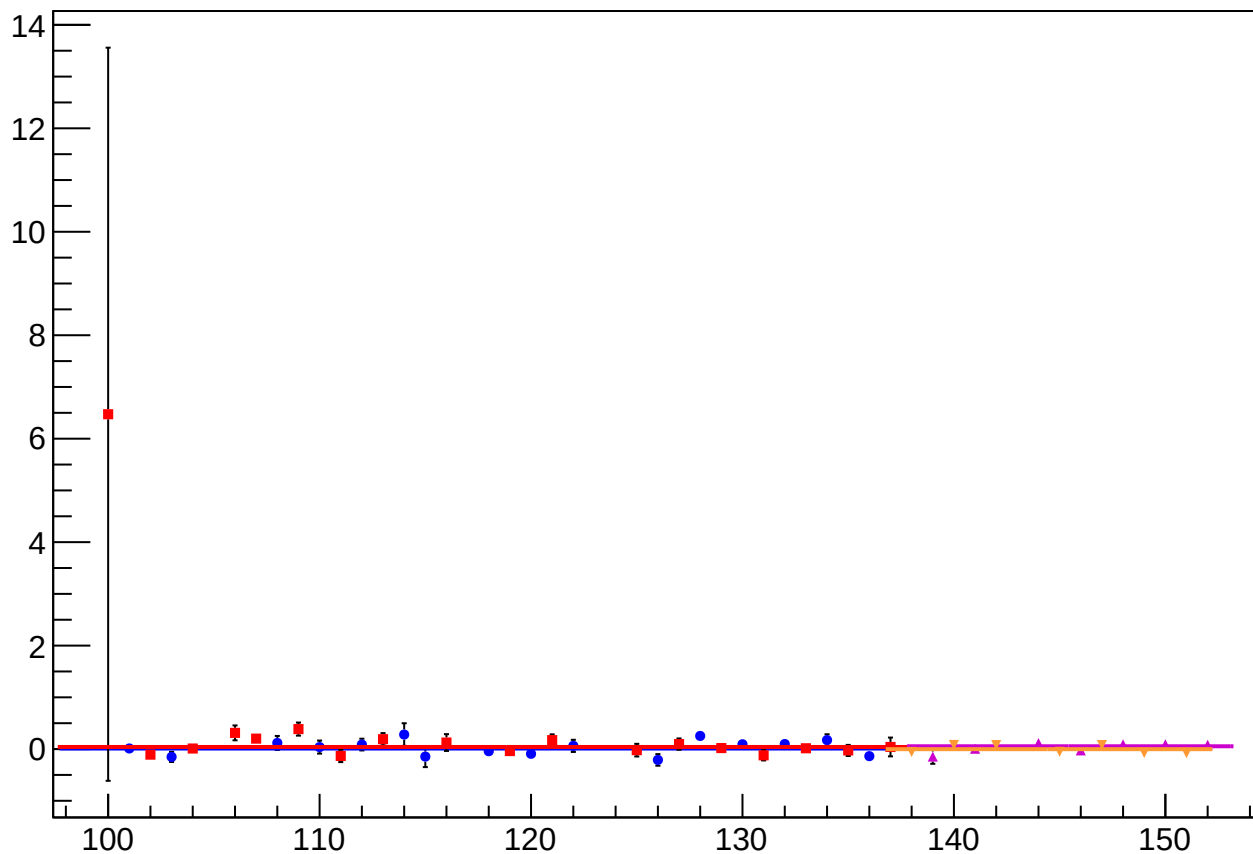
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Out: -0.016 $\pm$ 0.034 χ^2 /NDF:11.0/6

All: -0.005 $\pm$ 0.024 χ^2 /NDF: 16.2/13

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 $\pm$ 0.023 χ^2 /NDF:10.6/6

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: 0.026 $\pm$ 0.016 χ^2 /NDF: 20.7/13

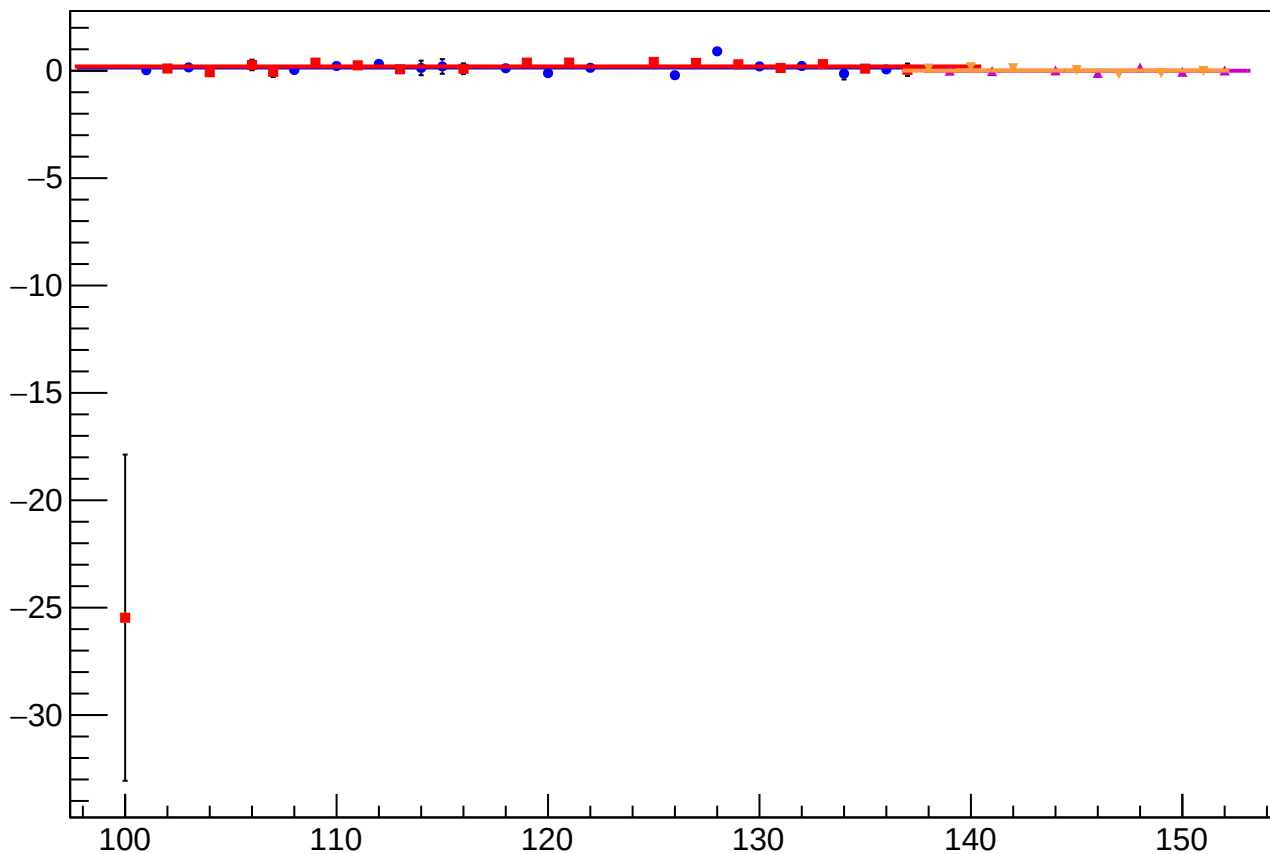
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.033 $\pm$ 0.016 χ^2 /NDF:34.3/22

Out: 0.018 $\pm$ 0.017 χ^2 /NDF:40.1/24

All: 0.025 $\pm$ 0.012 χ^2 /NDF: 74.8/47

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.008 $\pm$ 0.035 χ^2 /NDF:10.6/6

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

Left In: 0.002 $\pm$ 0.033 χ^2 /NDF:4.9/6

Left: 0.005 $\pm$ 0.024 χ^2 /NDF: 15.5/13

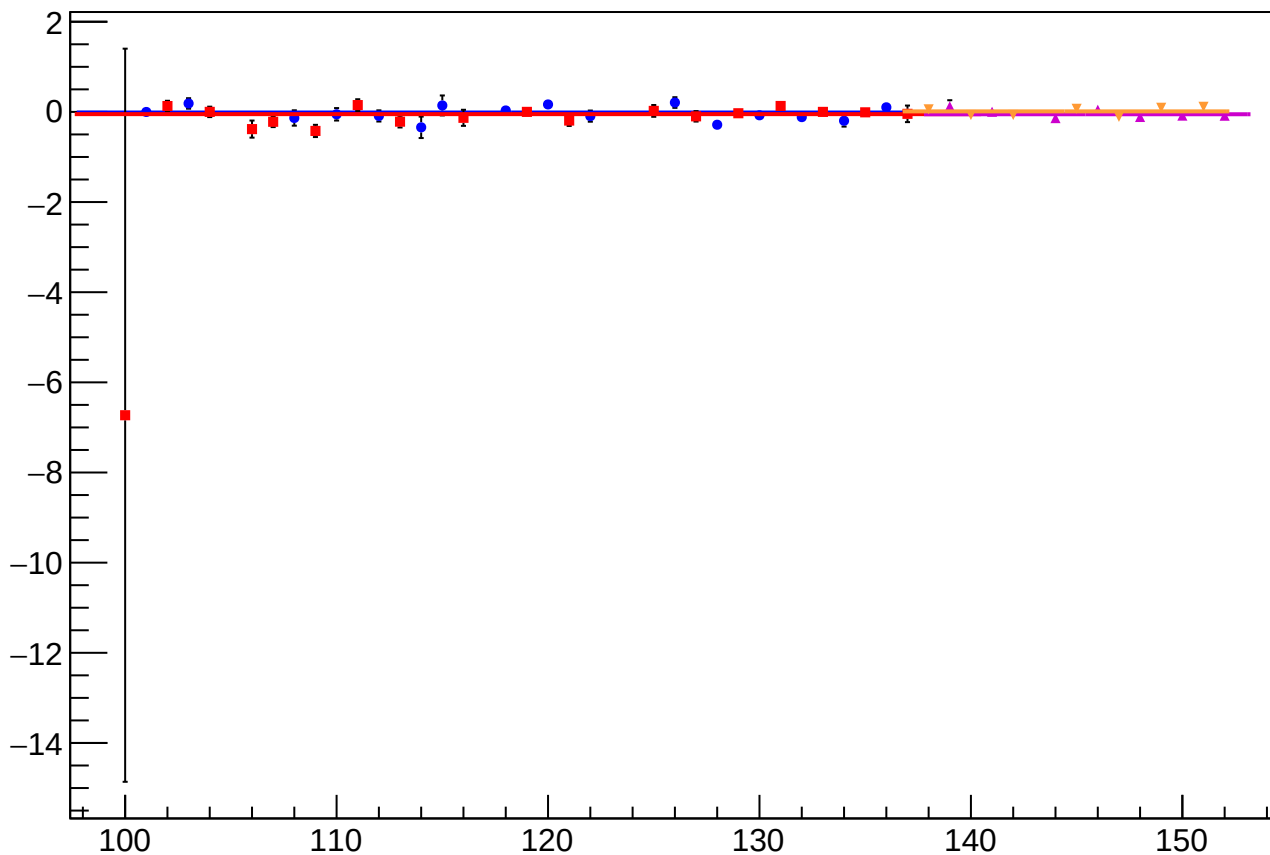
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.057 $\pm$ 0.026 χ^2 /NDF:41.4/22

Out: 0.080 $\pm$ 0.027 χ^2 /NDF:44.9/24

All: 0.068 $\pm$ 0.019 χ^2 /NDF: 86.7/47

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.012 ± 0.029 χ^2/NDF : 10.1/6

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

Left In: -0.052 ± 0.028 χ^2/NDF : 7.1/6

Left: -0.021 ± 0.020 χ^2/NDF : 19.7/13

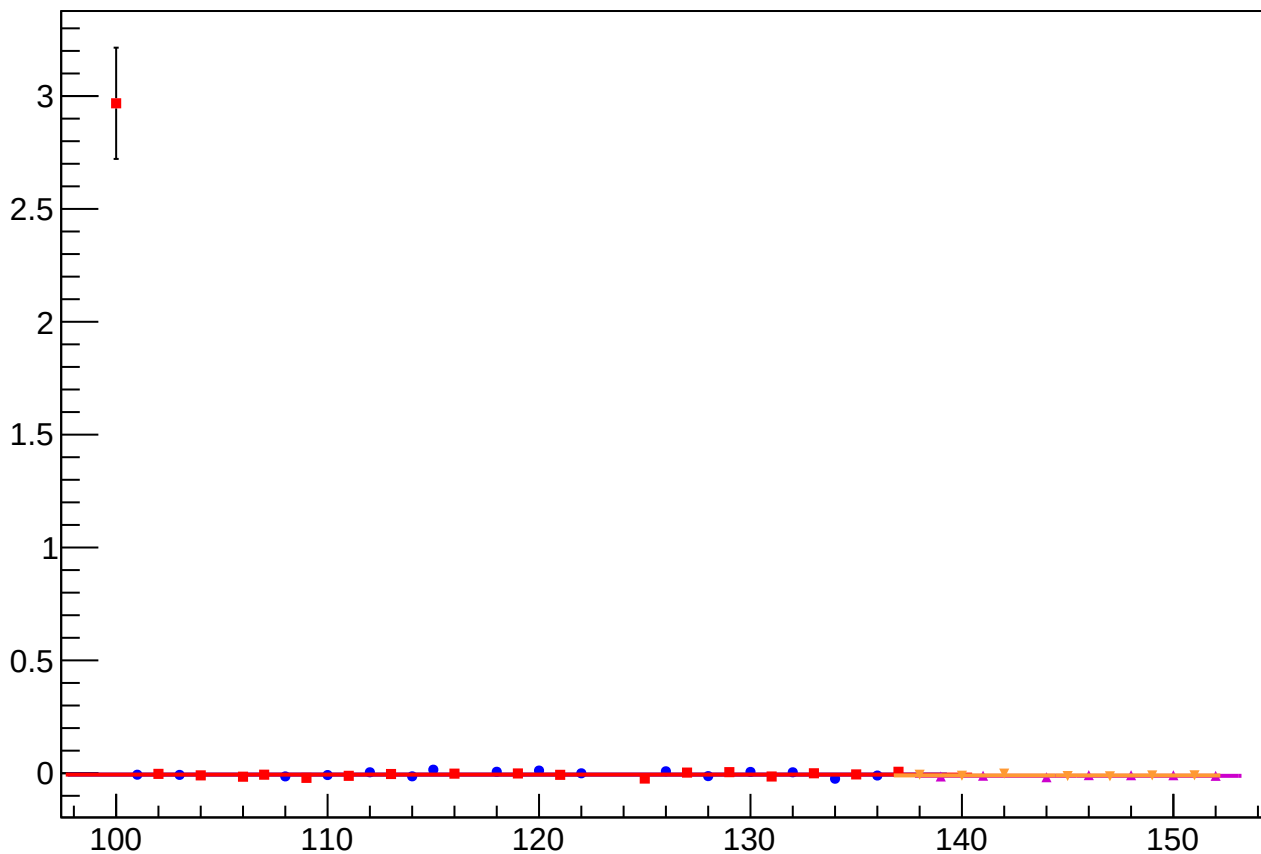
Right: -0.031 ± 0.020 χ^2/NDF : 51.8/33

In: -0.032 ± 0.019 χ^2/NDF : 33.3/22

Out: -0.019 ± 0.020 χ^2/NDF : 38.1/24

All: -0.026 ± 0.014 χ^2/NDF : 71.6/47

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 29.0/15

Left Out: -0.010 $\pm$ 0.001 χ^2 /NDF:4.5/6

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.9/17

Left In: -0.012 $\pm$ 0.001 χ^2 /NDF:4.8/6

Left: -0.011 $\pm$ 0.001 χ^2 /NDF: 10.2/13

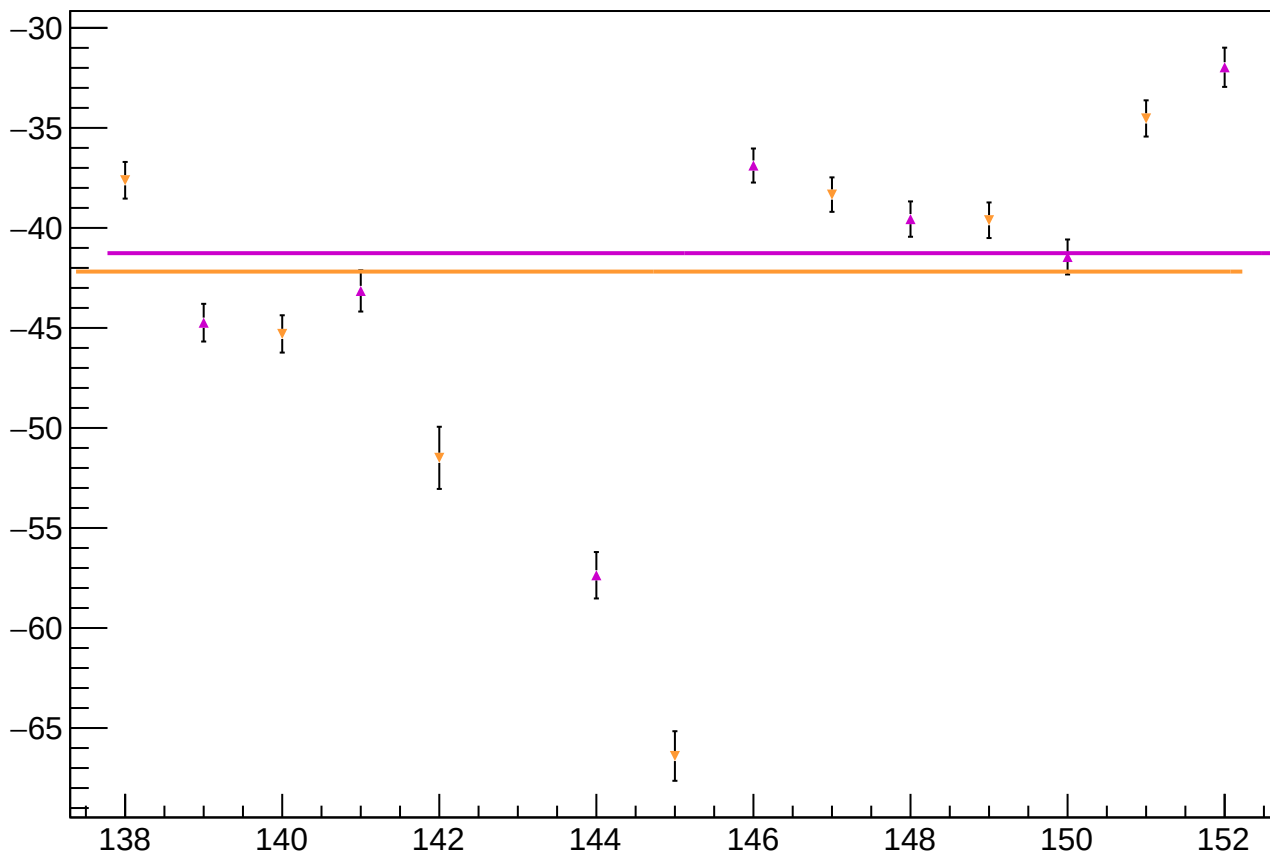
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 194.8/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:41.6/22

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:173.5/24

All: -0.008 $\pm$ 0.001 χ^2 /NDF: 215.7/47

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: -42.183+/-0.372 χ^2/NDF :553.3/6

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: -41.705+/-0.258 χ^2/NDF : 886.0/13

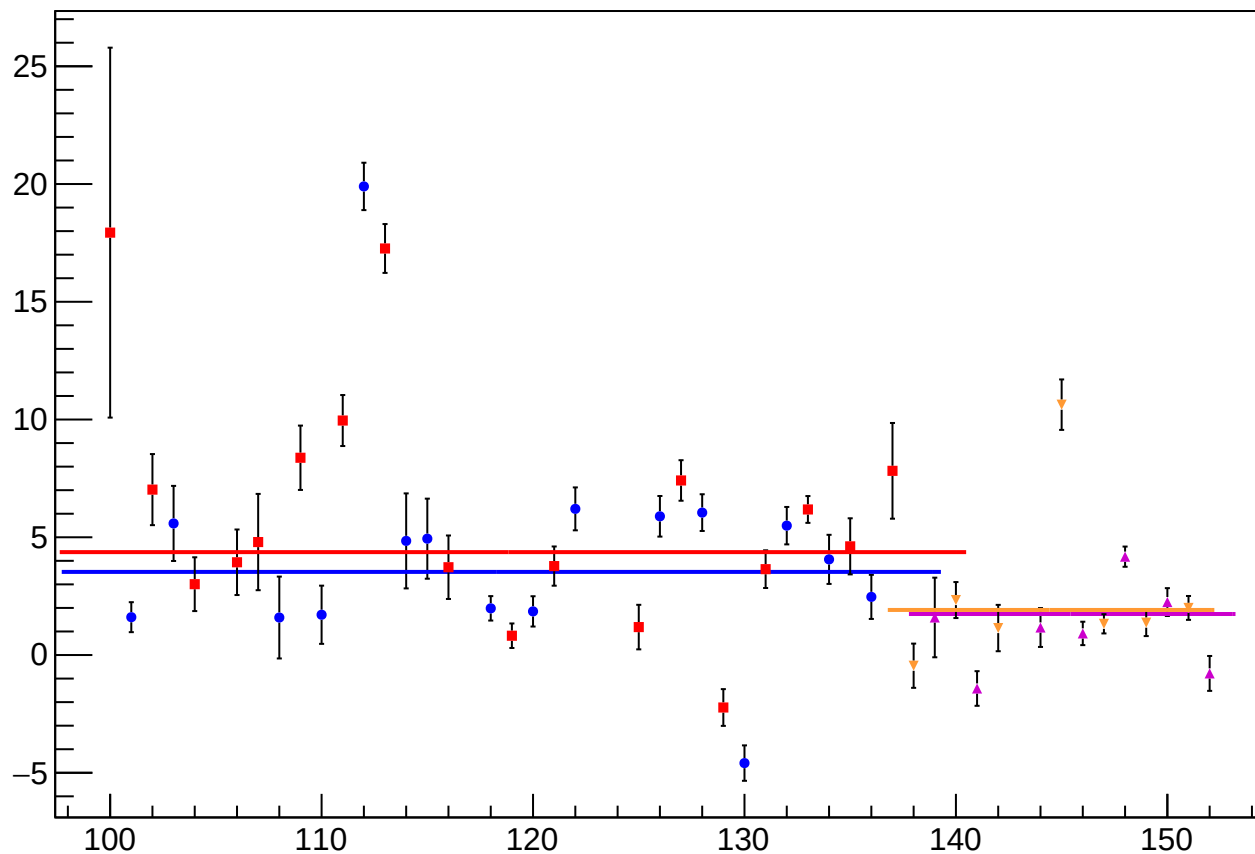
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.263+/-0.358 χ^2/NDF :329.6/6

Out: -42.183+/-0.372 χ^2/NDF :553.3/6

All: -41.705+/-0.258 χ^2/NDF : 886.0/13

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 $\pm$ 0.217 χ^2 /NDF: 446.6/15

Left Out: 1.914 $\pm$ 0.238 χ^2 /NDF:76.5/6

Right Out: 4.370 $\pm$ 0.225 χ^2 /NDF: 353.8/17

Left In: 1.742 $\pm$ 0.237 χ^2 /NDF:66.3/6

Left: 1.828 $\pm$ 0.168 χ^2 /NDF: 143.0/13

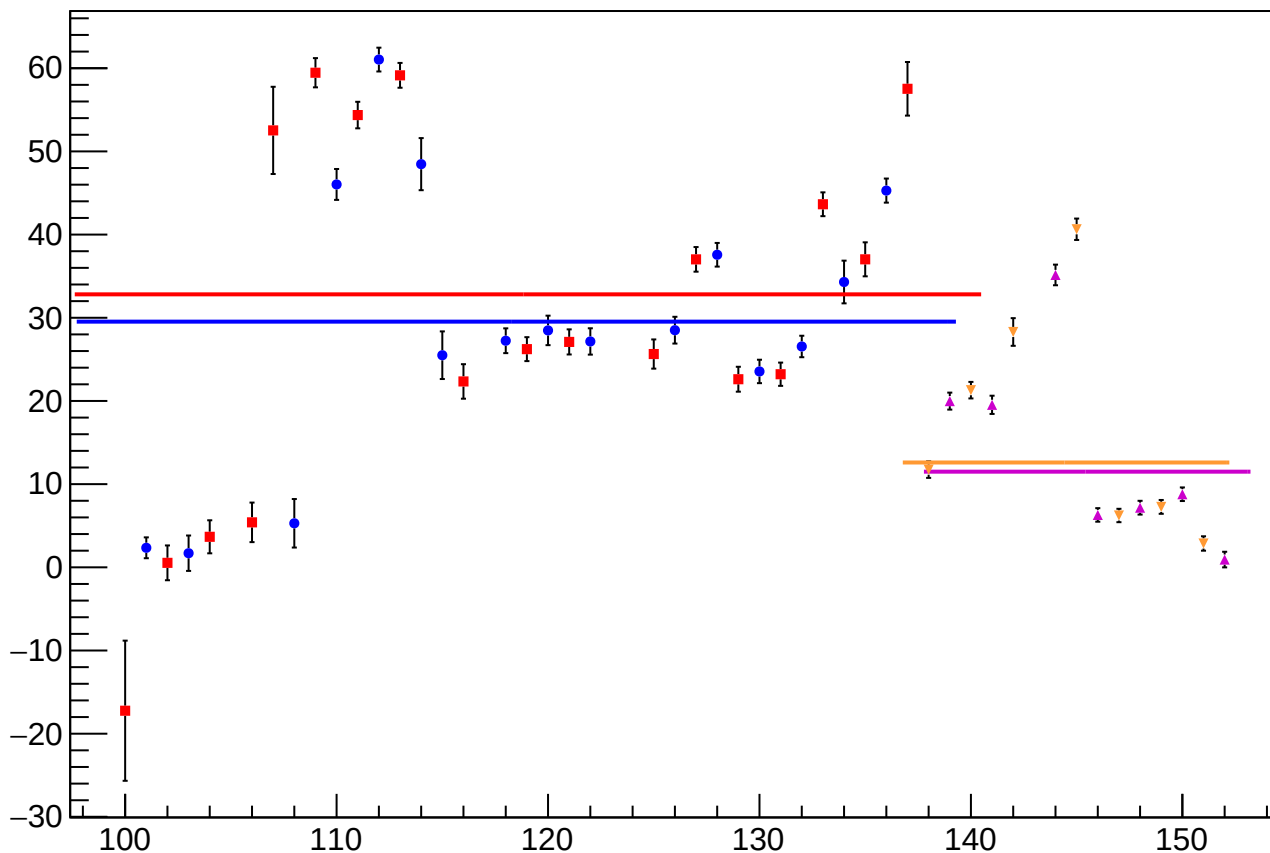
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 2.712 $\pm$ 0.160 χ^2 /NDF:543.8/22

Out: 3.207 $\pm$ 0.164 χ^2 /NDF:486.5/24

All: 2.954 $\pm$ 0.114 χ^2 /NDF: 1034.9/47

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: 12.603 $\pm$ 0.370 χ^2 /NDF: 871.9/6

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: 12.025 $\pm$ 0.255 χ^2 /NDF: 1568.4/13

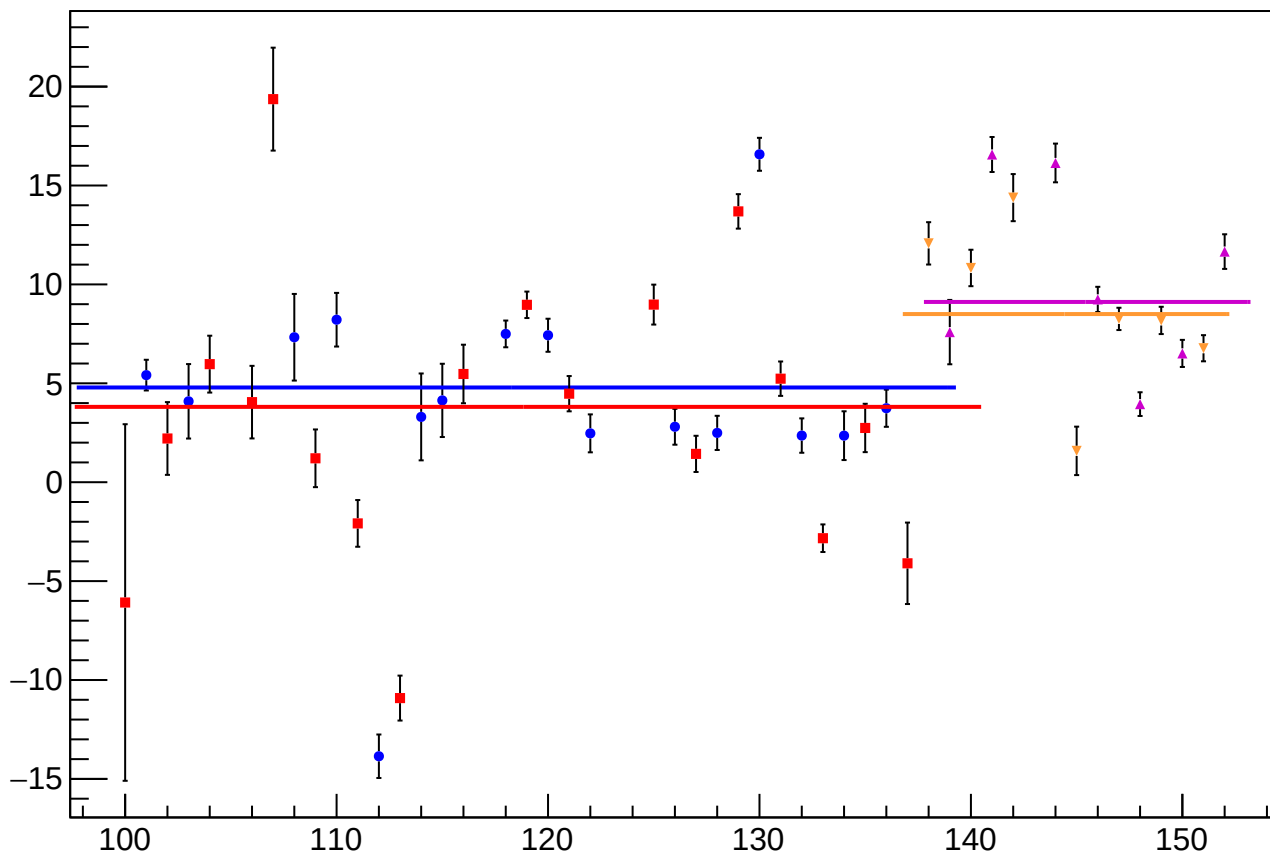
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 19.027 $\pm$ 0.269 χ^2 /NDF: 3277.9/22

Out: 21.359 $\pm$ 0.278 χ^2 /NDF: 3826.4/24

All: 20.154 $\pm$ 0.194 χ^2 /NDF: 7140.6/47

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 8.501 ± 0.302 χ^2/NDF : 81.1/6

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

Left In: 9.113 ± 0.296 χ^2/NDF : 220.5/6

Left: 8.813 ± 0.211 χ^2/NDF : 303.7/13

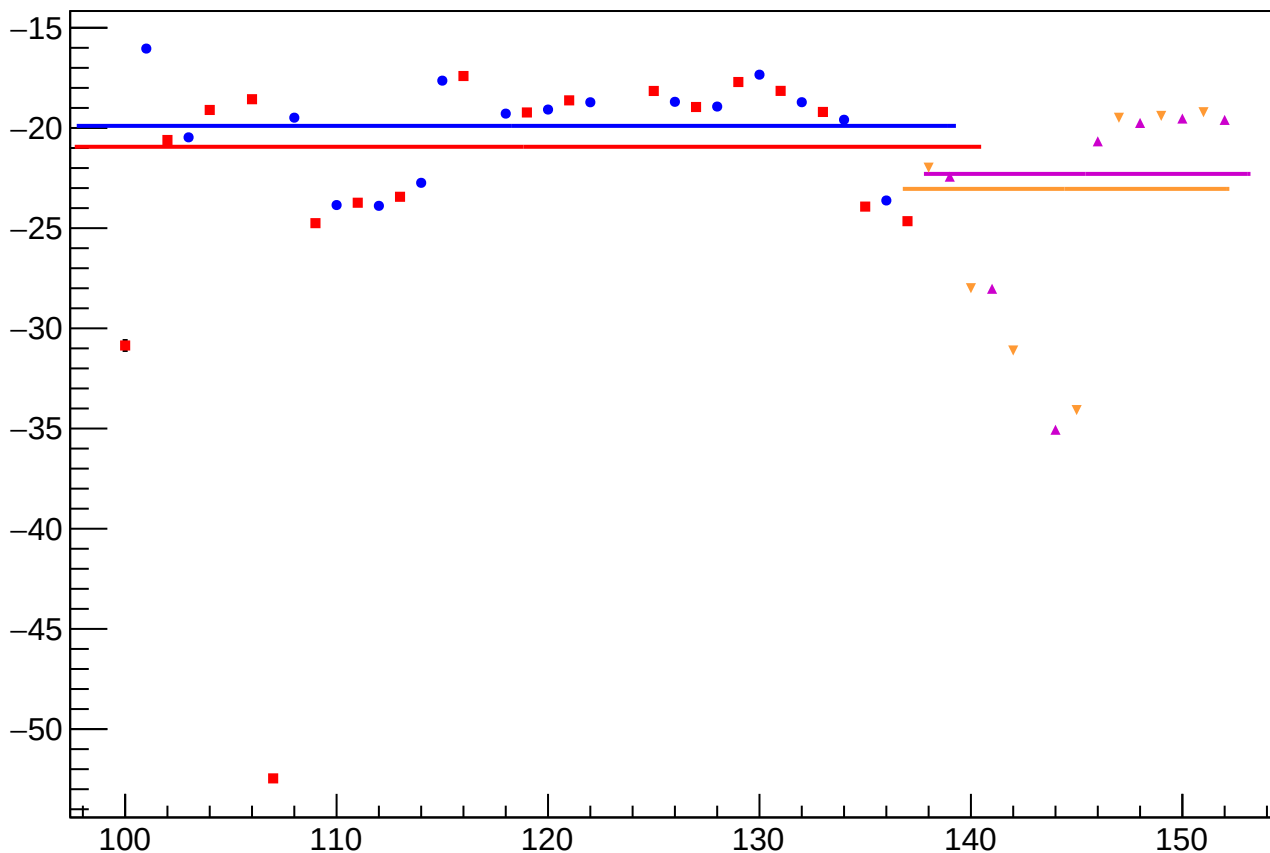
Right: 4.313 ± 0.180 χ^2/NDF : 1128.9/33

In: 6.597 ± 0.192 χ^2/NDF : 898.4/22

Out: 5.797 ± 0.197 χ^2/NDF : 787.9/24

All: 6.207 ± 0.137 χ^2/NDF : 1694.8/47

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -23.039 ± 0.016 $\chi^2/\text{NDF}: 104791.6/6$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

Left In: -22.292 ± 0.015 $\chi^2/\text{NDF}: 90151.4/6$

Left: -22.636 ± 0.011 $\chi^2/\text{NDF}: 196141.0/13$

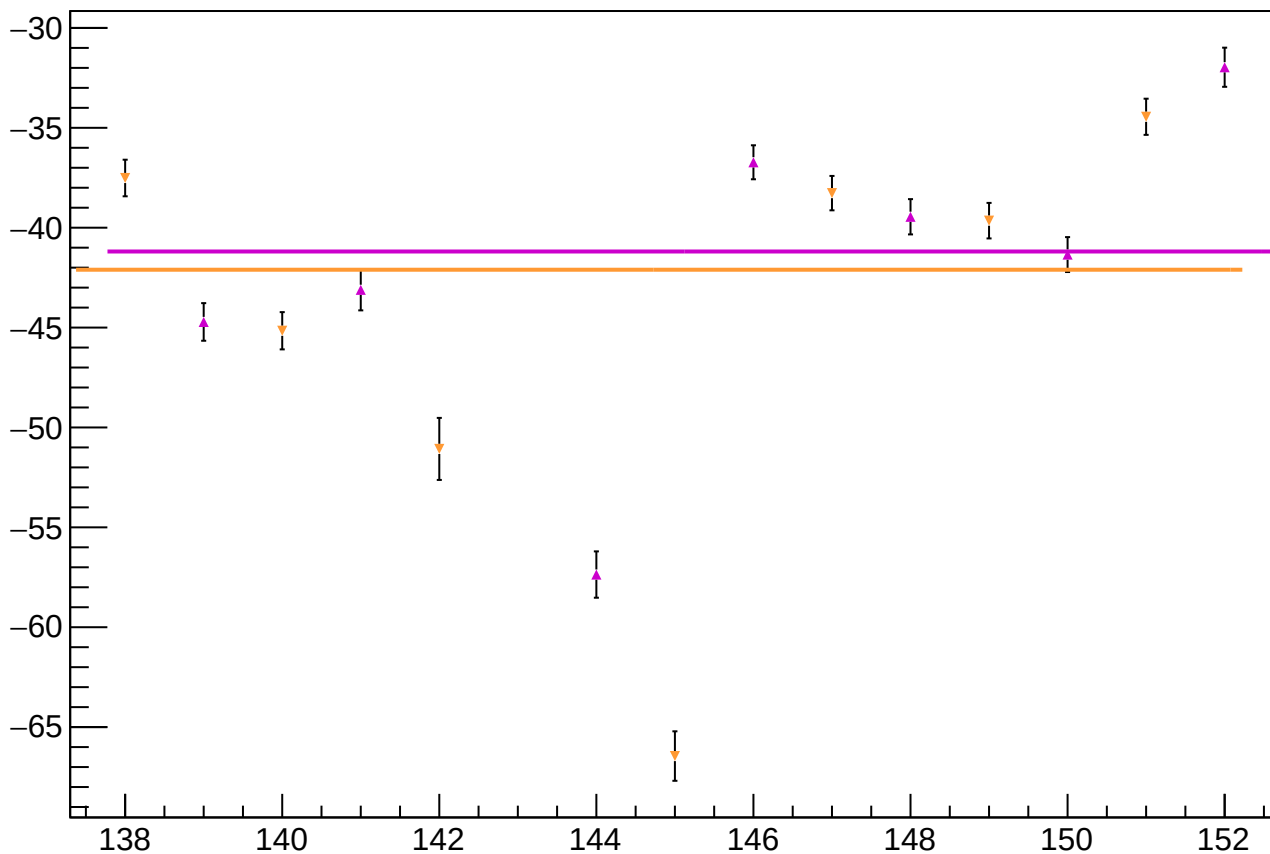
Right: -20.412 ± 0.011 $\chi^2/\text{NDF}: 122364.1/33$

In: -21.166 ± 0.011 $\chi^2/\text{NDF}: 128787.9/22$

Out: -21.979 ± 0.011 $\chi^2/\text{NDF}: 207714.7/24$

All: -21.554 ± 0.008 $\chi^2/\text{NDF}: 339276.8/47$

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: -42.104+/-0.372 χ^2/NDF :554.5/6

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: -41.630+/-0.258 χ^2/NDF : 889.7/13

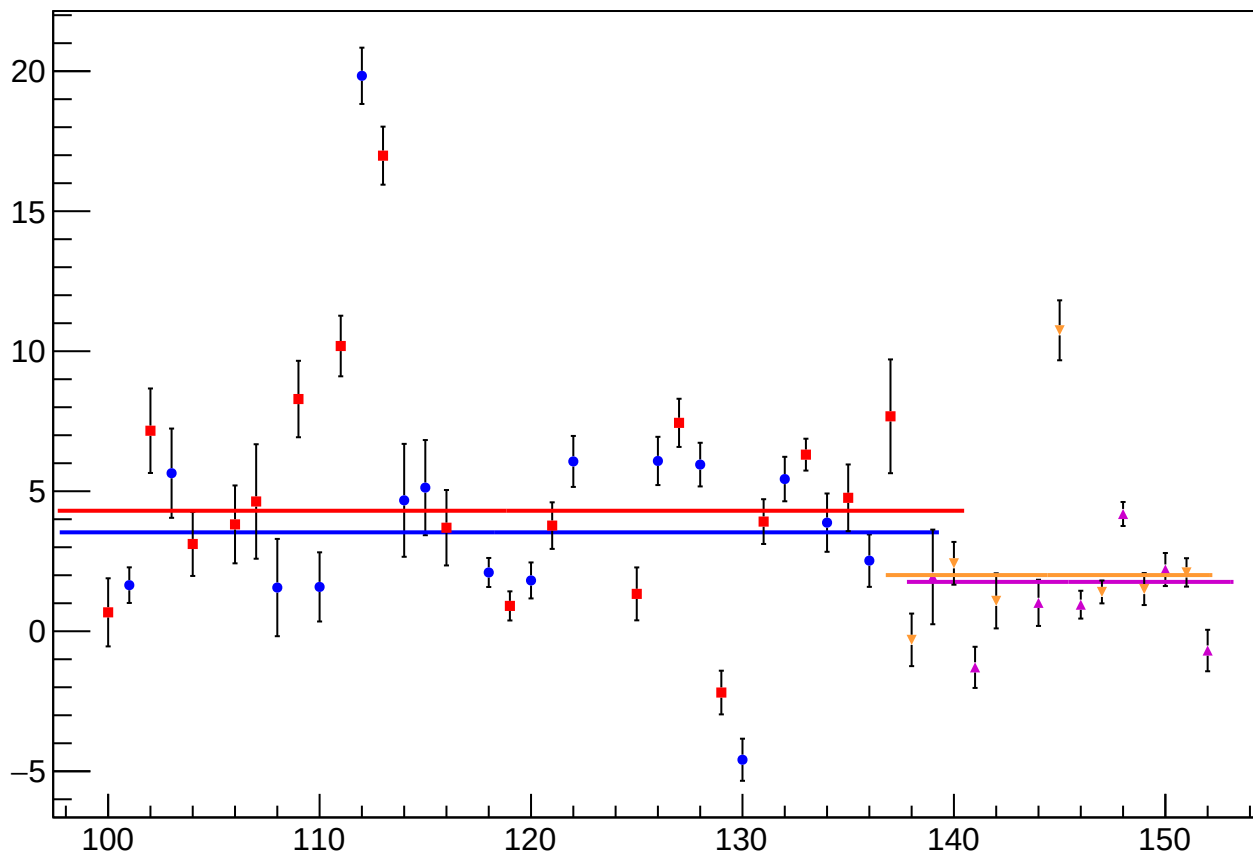
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.191+/-0.357 χ^2/NDF :332.0/6

Out: -42.104+/-0.372 χ^2/NDF :554.5/6

All: -41.630+/-0.258 χ^2/NDF : 889.7/13

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 1.884 ± 0.168 $\chi^2/\text{NDF}: 141.7/13$
 Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 2.006 ± 0.238 $\chi^2/\text{NDF}: 76.9/6$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

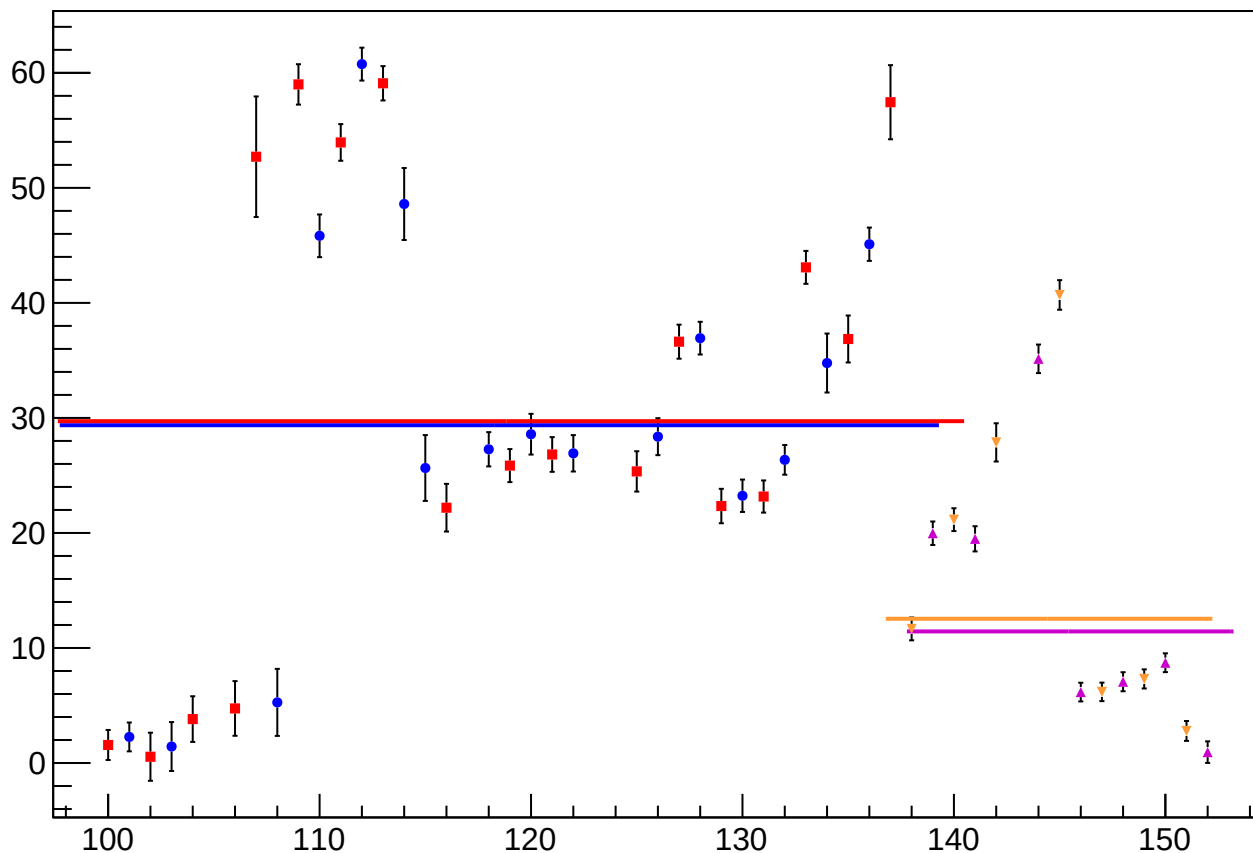
Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

In: 2.723 ± 0.160 $\chi^2/\text{NDF}: 537.9/22$

Out: 3.235 ± 0.162 $\chi^2/\text{NDF}: 479.7/24$

All: 2.976 ± 0.114 $\chi^2/\text{NDF}: 1022.6/47$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367+/-0.416 χ^2/NDF : 1488.7/15

Left Out: 12.540+/-0.369 χ^2/NDF : 870.1/6

Right Out: 29.719+/-0.402 χ^2/NDF : 2129.5/17

Left In: 11.438+/-0.353 χ^2/NDF : 695.3/6

Left: 11.963+/-0.255 χ^2/NDF : 1570.0/13

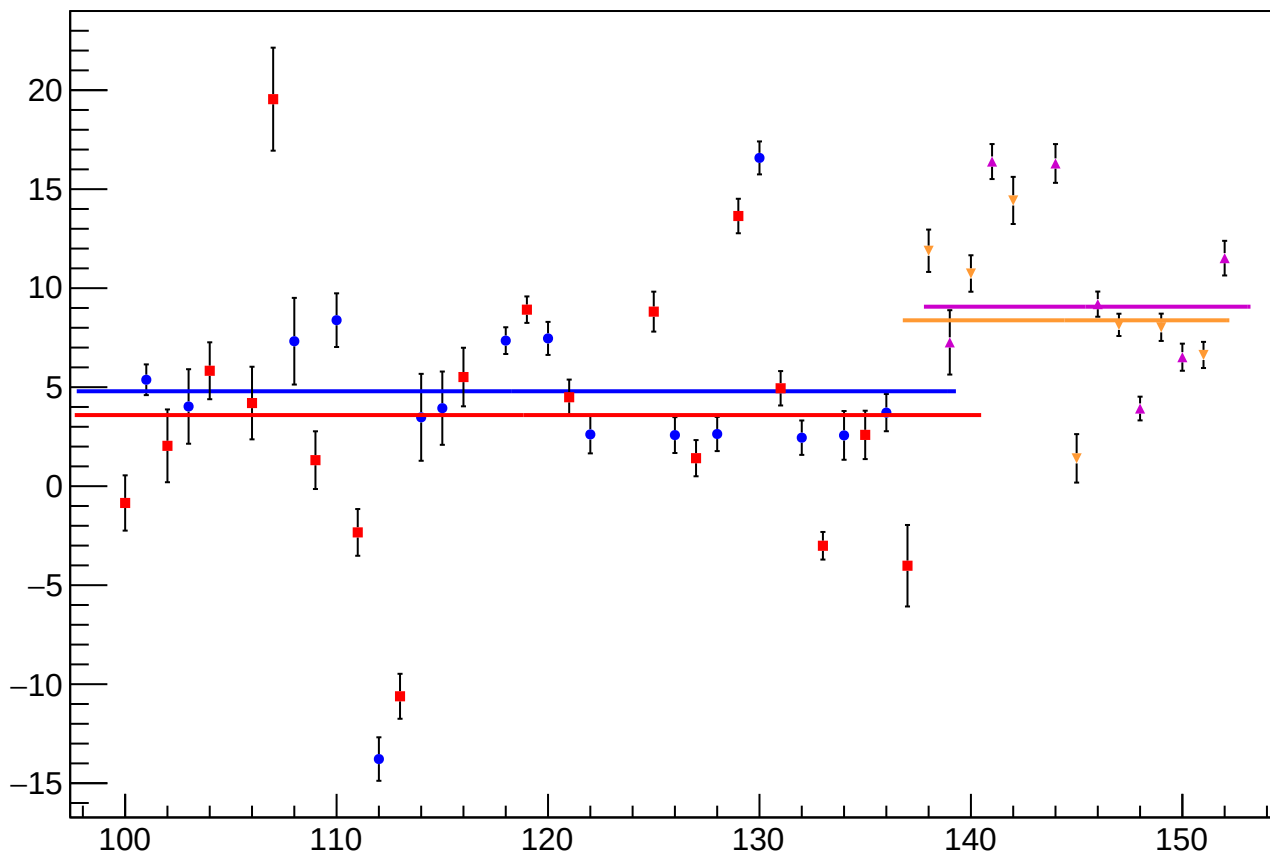
Right: 29.549+/-0.289 χ^2/NDF : 3618.6/33

In: 18.921+/-0.269 χ^2/NDF : 3263.7/22

Out: 20.396+/-0.272 χ^2/NDF : 3988.3/24

All: 19.650+/-0.191 χ^2/NDF : 7266.9/47

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 $\pm$ 0.251 χ^2 /NDF: 550.0/15

Left Out: 8.377 $\pm$ 0.302 χ^2 /NDF:83.1/6

Right Out: 3.591 $\pm$ 0.254 χ^2 /NDF: 573.3/17

Left In: 9.065 $\pm$ 0.296 χ^2 /NDF:220.1/6

Left: 8.727 $\pm$ 0.211 χ^2 /NDF: 305.9/13

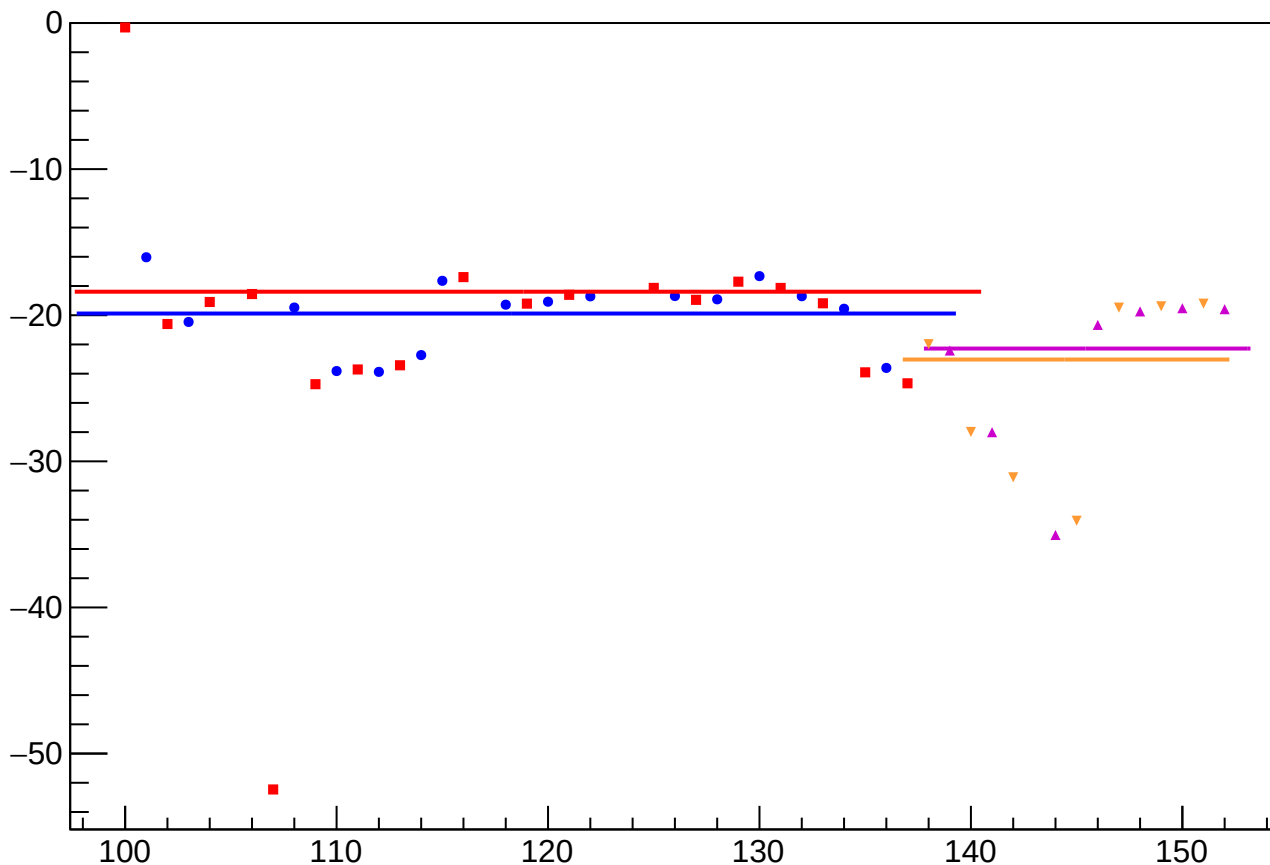
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1134.6/33

In: 6.580 $\pm$ 0.192 χ^2 /NDF:891.1/22

Out: 5.580 $\pm$ 0.195 χ^2 /NDF:803.5/24

All: 6.088 $\pm$ 0.136 χ^2 /NDF: 1707.9/47

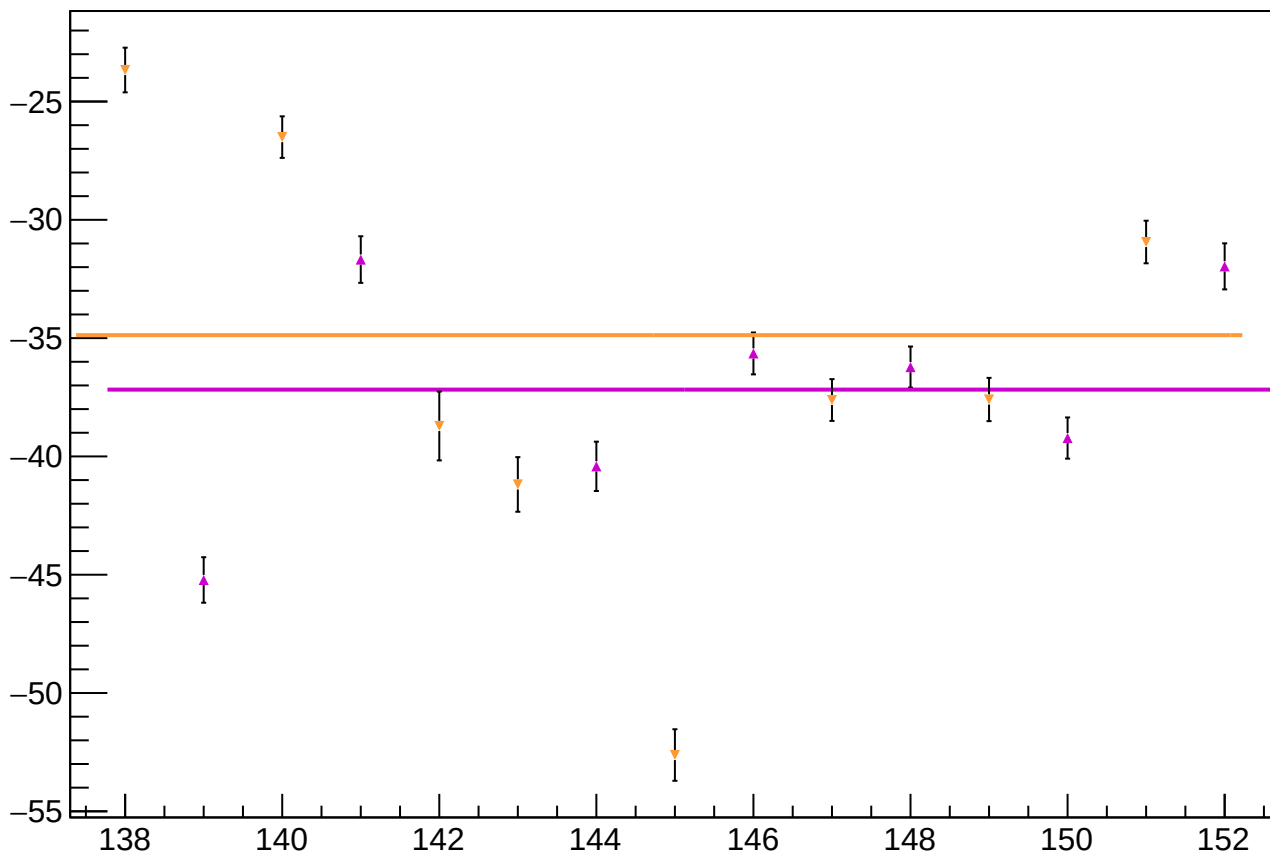
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$
 Left Out: -23.031 ± 0.016 $\chi^2/\text{NDF}: 104853.7/6$
 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: -22.626 ± 0.011 $\chi^2/\text{NDF}: 196169.1/13$
 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: -20.542 ± 0.011 $\chi^2/\text{NDF}: 452085.2/24$
 All: -20.851 ± 0.008 $\chi^2/\text{NDF}: 582462.6/47$

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: -34.875+/-0.349 χ^2/NDF :571.6/7

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: -36.012+/-0.248 χ^2/NDF : 742.2/14

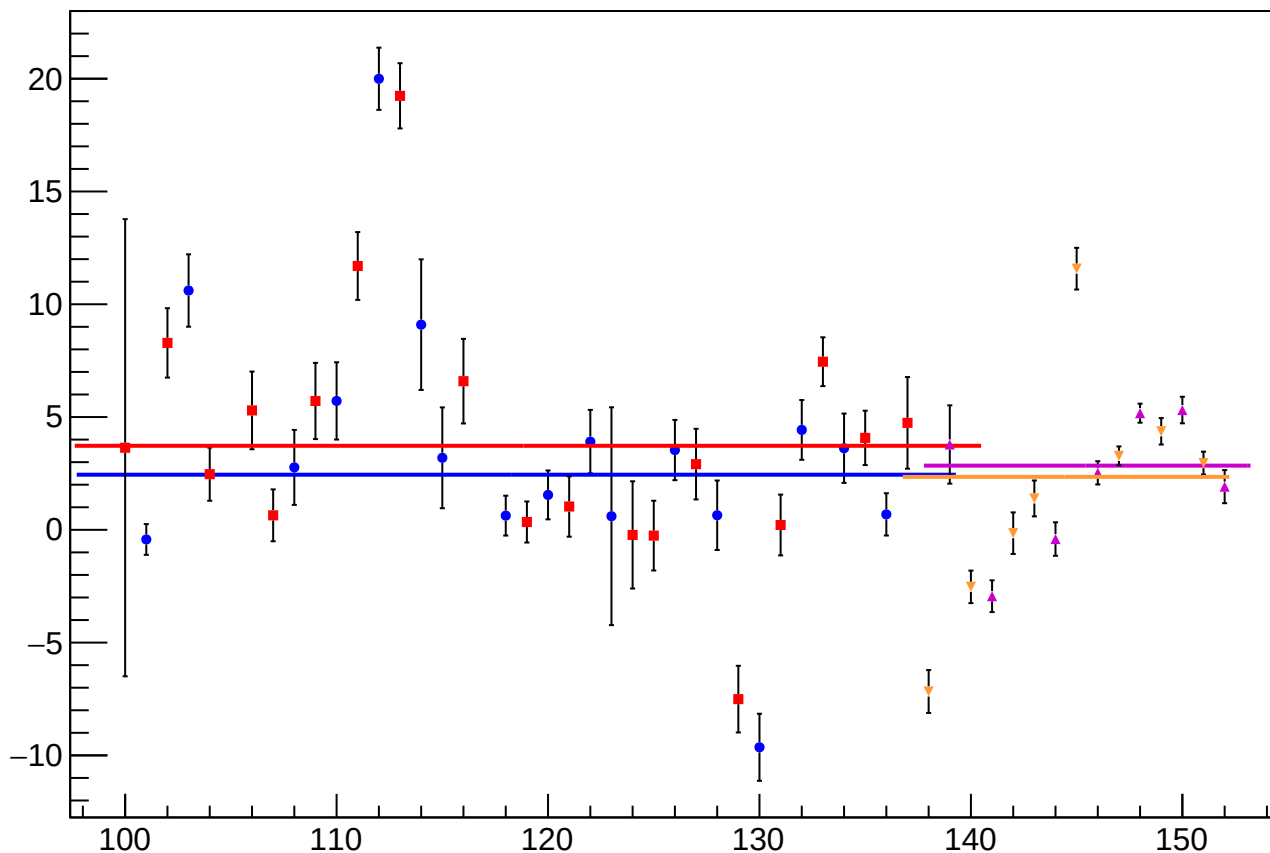
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.177+/-0.353 χ^2/NDF :149.1/6

Out: -34.875+/-0.349 χ^2/NDF :571.6/7

All: -36.012+/-0.248 χ^2/NDF : 742.2/14

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.311 χ^2 /NDF: 295.3/16

Left Out: 2.348 $\pm$ 0.227 χ^2 /NDF:272.8/7

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

Left In: 2.846 $\pm$ 0.234 χ^2 /NDF:137.3/6

Left: 2.589 $\pm$ 0.163 χ^2 /NDF: 412.4/14

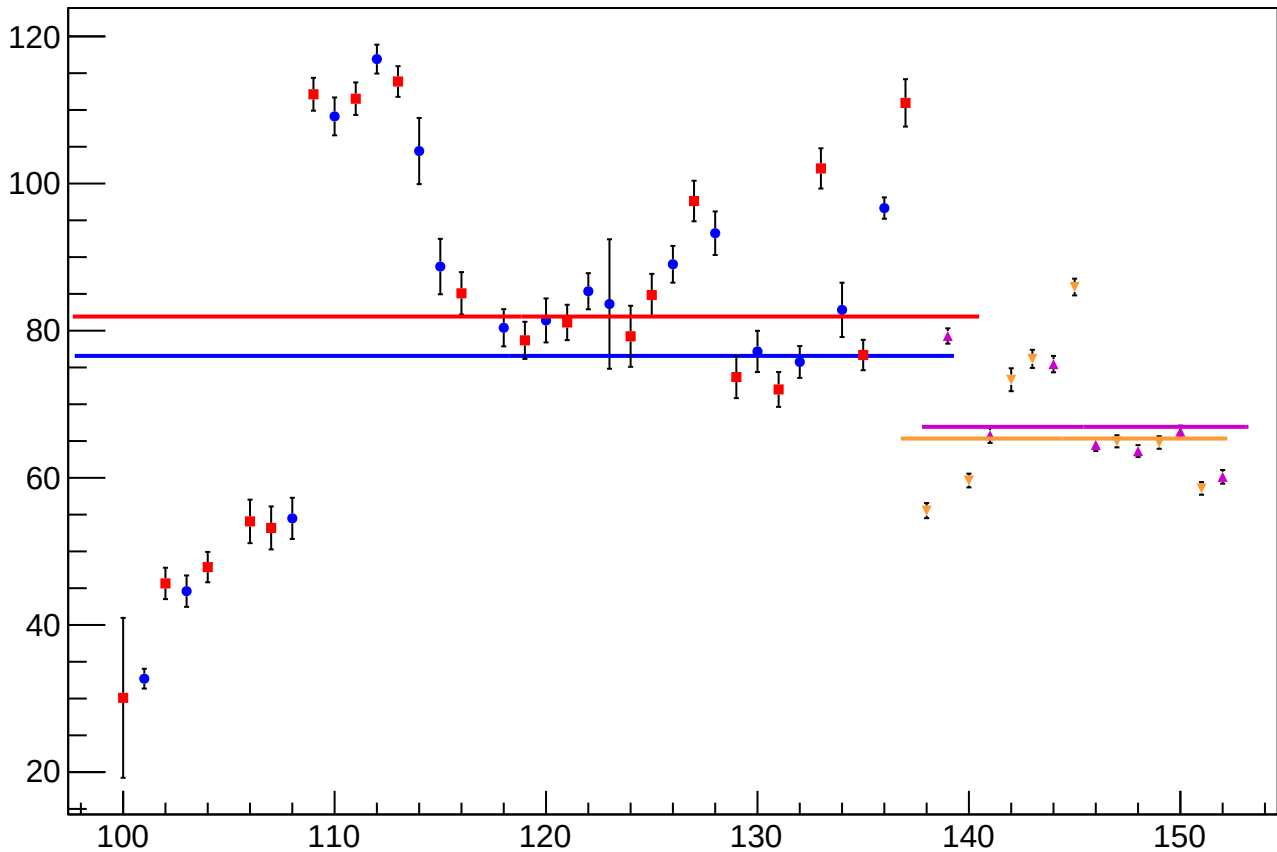
Right: 3.053 $\pm$ 0.225 χ^2 /NDF: 572.5/35

In: 2.701 $\pm$ 0.187 χ^2 /NDF:433.7/23

Out: 2.795 $\pm$ 0.186 χ^2 /NDF:553.9/26

All: 2.748 $\pm$ 0.132 χ^2 /NDF: 987.7/50

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: 65.341 $\pm$ 0.351 χ^2 /NDF:623.0/7

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: 66.139 $\pm$ 0.247 χ^2 /NDF: 912.3/14

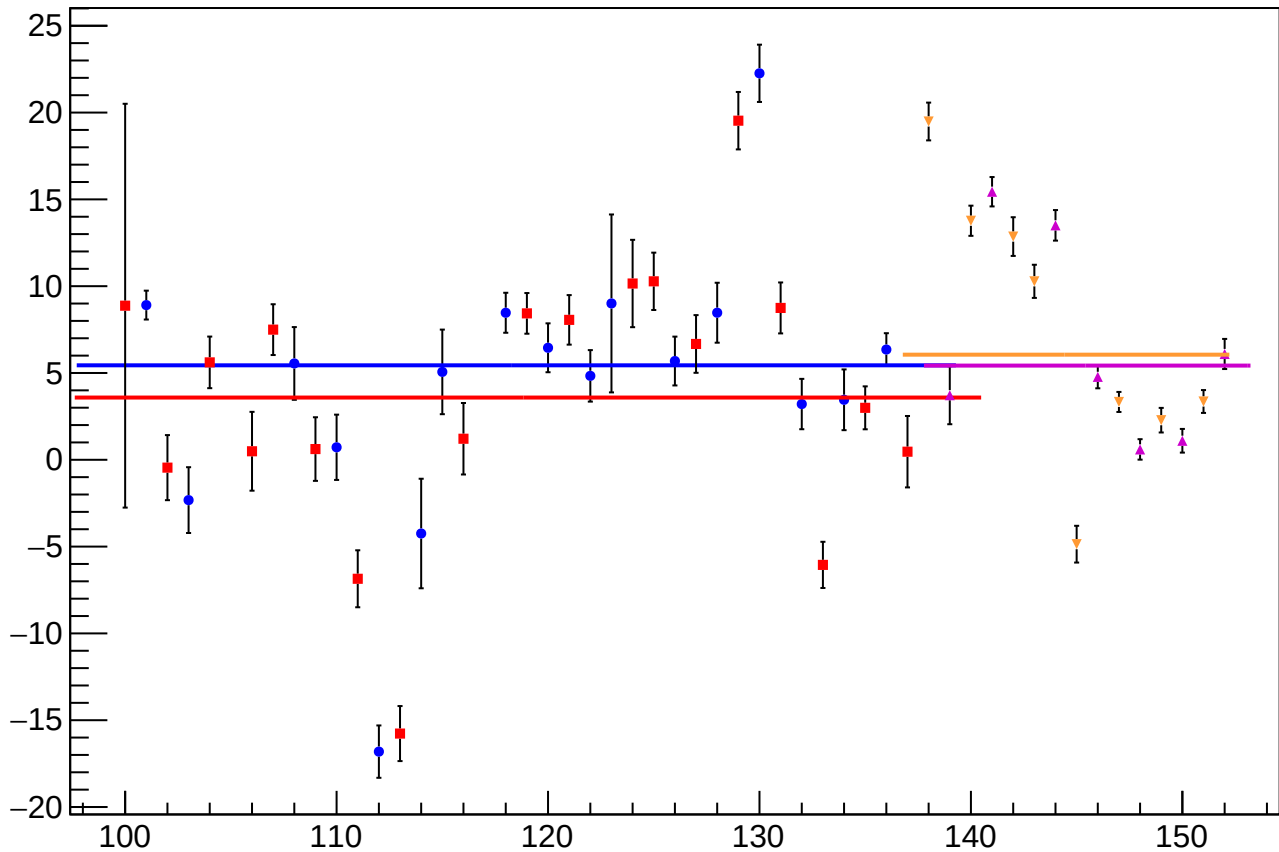
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 69.539 $\pm$ 0.298 χ^2 /NDF:2738.8/23

Out: 69.648 $\pm$ 0.302 χ^2 /NDF:2774.6/26

All: 69.593 $\pm$ 0.212 χ^2 /NDF: 5513.5/50

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 6.055 ± 0.285 $\chi^2/\text{NDF}: 461.8/7$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

Left In: 5.426 ± 0.292 $\chi^2/\text{NDF}: 334.5/6$

Left: 5.748 ± 0.204 $\chi^2/\text{NDF}: 798.7/14$

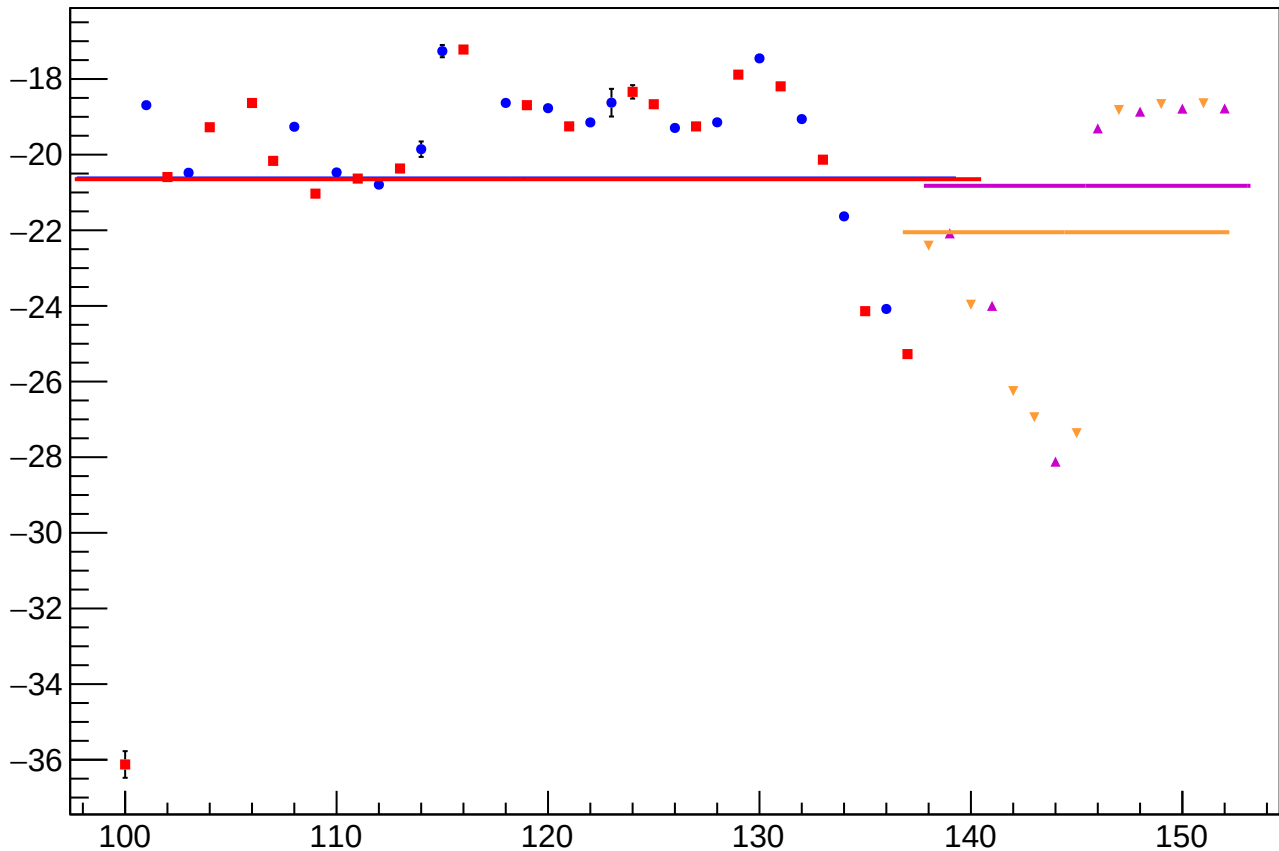
Right: 4.559 ± 0.259 $\chi^2/\text{NDF}: 823.5/35$

In: 5.432 ± 0.226 $\chi^2/\text{NDF}: 721.9/23$

Out: 5.149 ± 0.227 $\chi^2/\text{NDF}: 912.5/26$

All: 5.292 ± 0.160 $\chi^2/\text{NDF}: 1635.2/50$

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: -22.051+/-0.015 χ^2/NDF : 54242.6/7

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: -21.420+/-0.010 χ^2/NDF : 97997.3/14

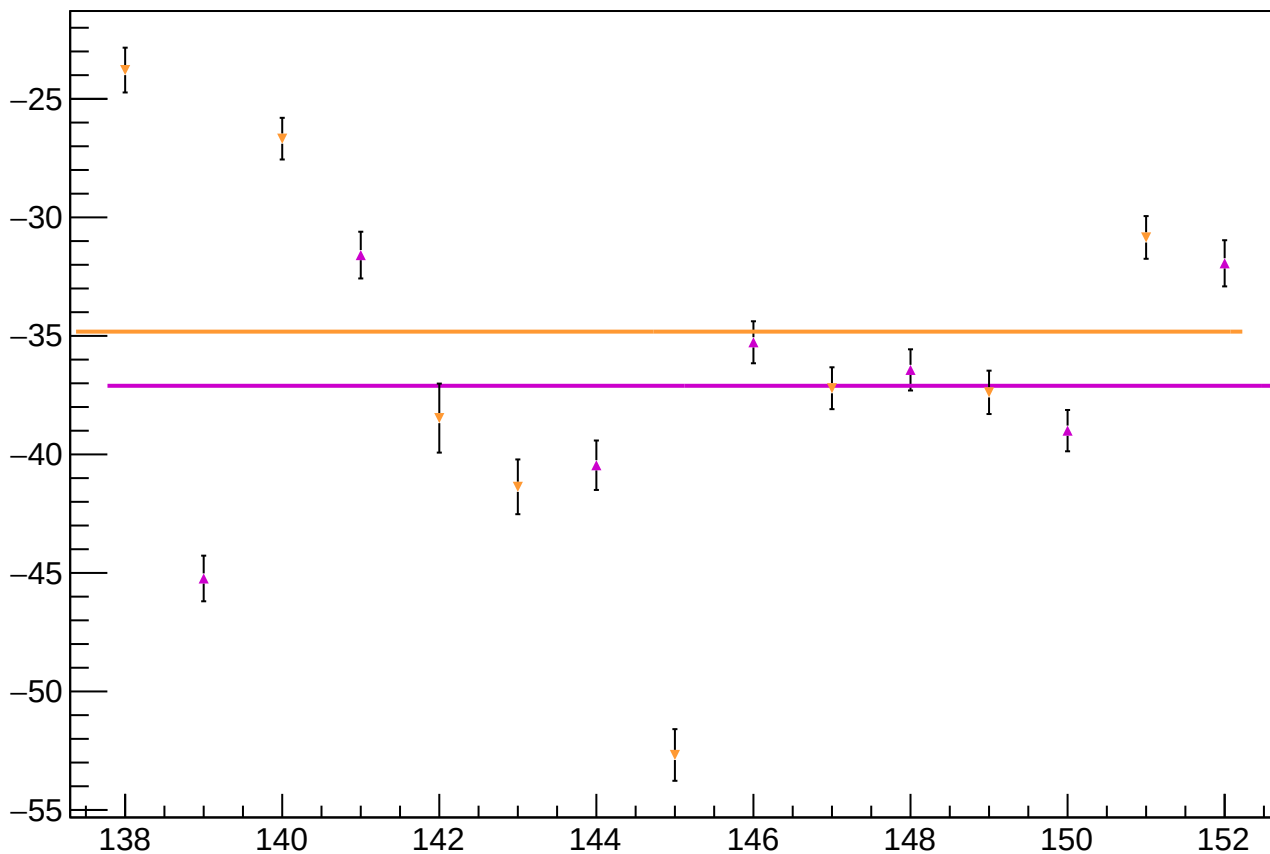
Right: -20.640+/-0.014 χ^2/NDF : 26376.6/35

In: -20.753+/-0.012 χ^2/NDF : 52833.8/23

Out: -21.531+/-0.012 χ^2/NDF : 71398.7/26

All: -21.134+/-0.008 χ^2/NDF : 126431.1/50

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: -34.820+/-0.349 χ^2/NDF :563.7/7

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: -35.949+/-0.249 χ^2/NDF : 735.6/14

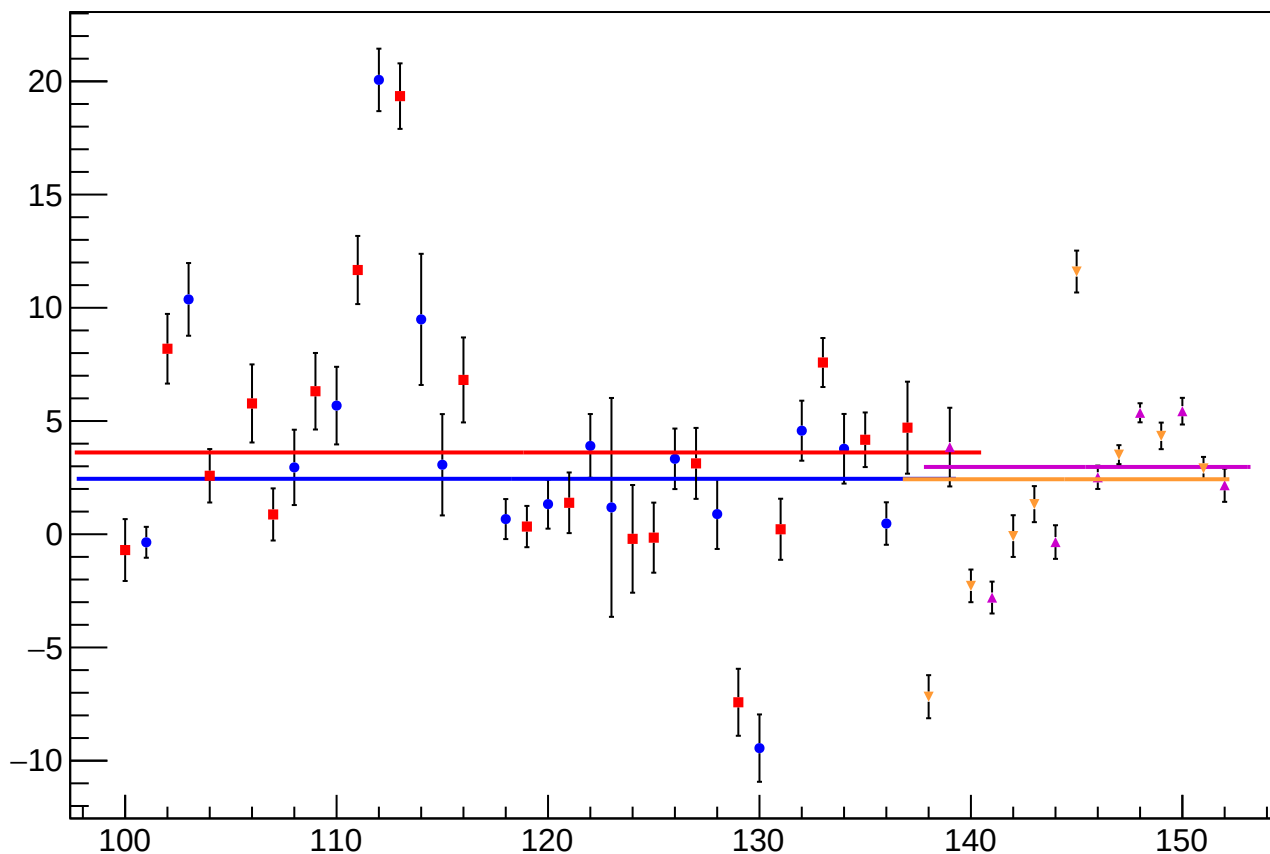
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.105+/-0.354 χ^2/NDF :150.7/6

Out: -34.820+/-0.349 χ^2/NDF :563.7/7

All: -35.949+/-0.249 χ^2/NDF : 735.6/14

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: 2.428 ± 0.227 χ^2/NDF : 270.6/7

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: 2.692 ± 0.163 χ^2/NDF : 412.4/14

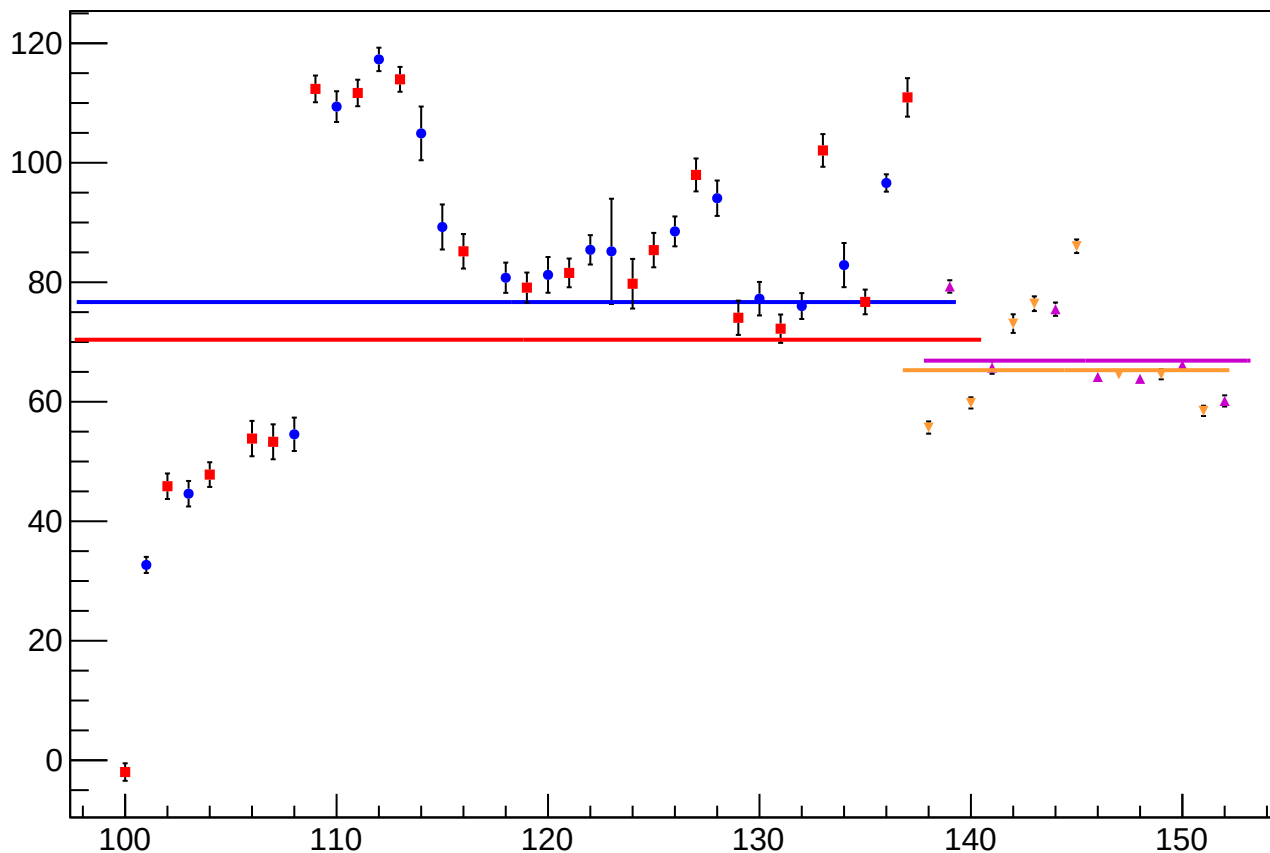
Right: 3.017 ± 0.223 χ^2/NDF : 579.6/35

In: 2.783 ± 0.187 χ^2/NDF : 434.3/23

Out: 2.826 ± 0.185 χ^2/NDF : 559.1/26

All: 2.805 ± 0.131 χ^2/NDF : 993.4/50

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: 65.288 $\pm$ 0.351 χ^2 /NDF: 624.7/7

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: 66.089 $\pm$ 0.248 χ^2 /NDF: 915.5/14

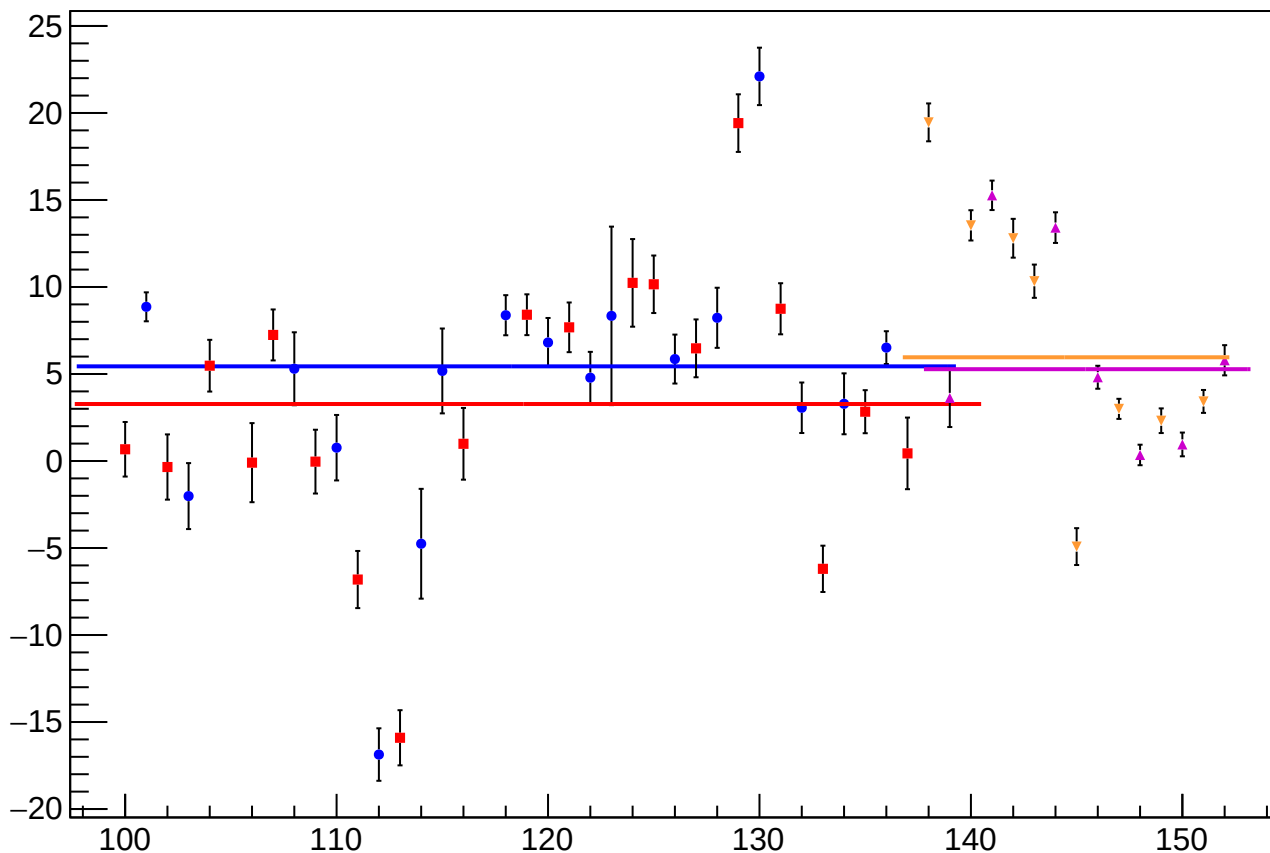
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 69.535 $\pm$ 0.298 χ^2 /NDF: 2758.7/23

Out: 66.763 $\pm$ 0.296 χ^2 /NDF: 5076.9/26

All: 68.137 $\pm$ 0.210 χ^2 /NDF: 7879.1/50

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: 5.960 ± 0.286 $\chi^2/\text{NDF}: 461.5/7$

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: 5.626 ± 0.204 $\chi^2/\text{NDF}: 800.9/14$

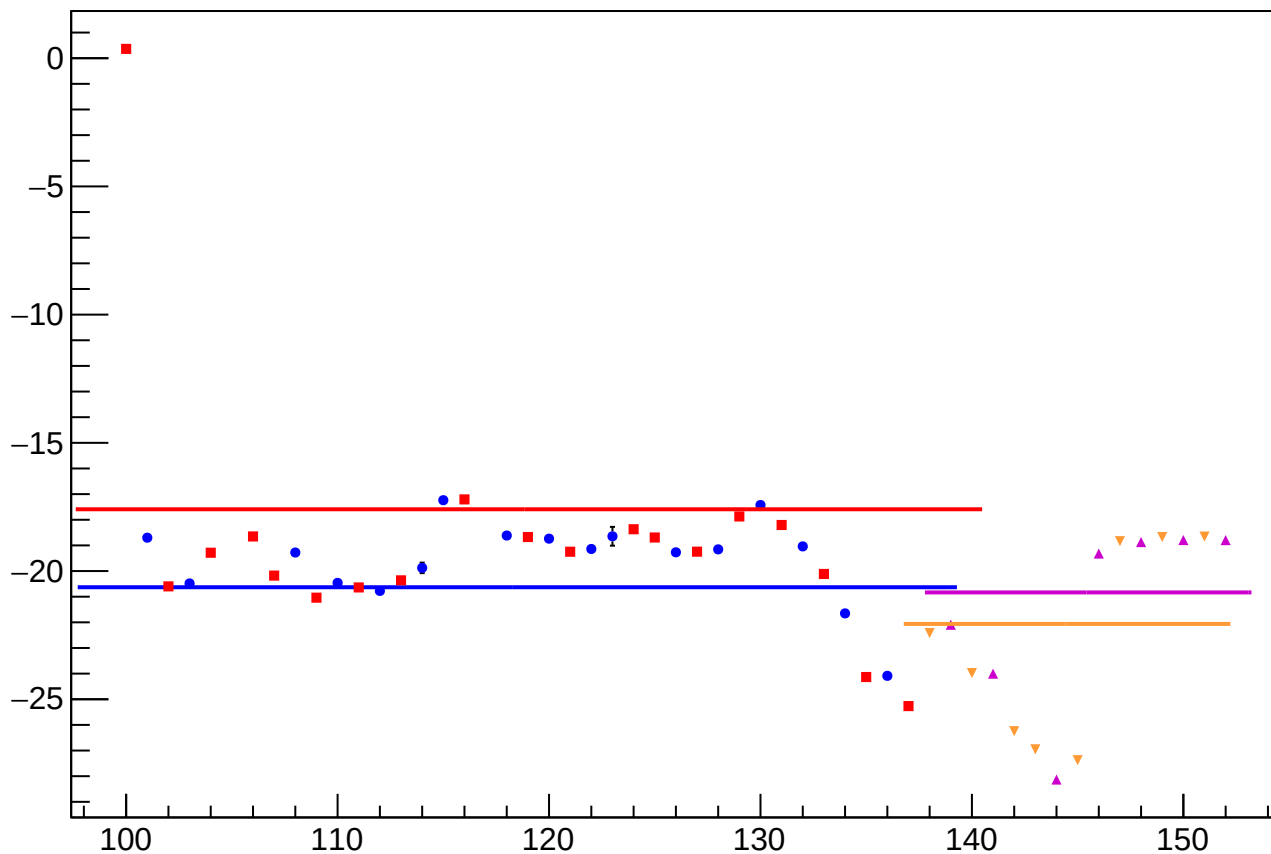
Right: 4.381 ± 0.256 $\chi^2/\text{NDF}: 829.6/35$

In: 5.342 ± 0.226 $\chi^2/\text{NDF}: 722.6/23$

Out: 4.942 ± 0.225 $\chi^2/\text{NDF}: 920.8/26$

All: 5.140 ± 0.160 $\chi^2/\text{NDF}: 1645.0/50$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF : 12530.8/16

Left Out: -22.062+/-0.015 χ^2/NDF : 54097.1/7

Right Out: -17.591+/-0.018 χ^2/NDF : 178680.7/18

Left In: -20.833+/-0.015 χ^2/NDF : 40234.1/6

Left: -21.430+/-0.010 χ^2/NDF : 97804.3/14

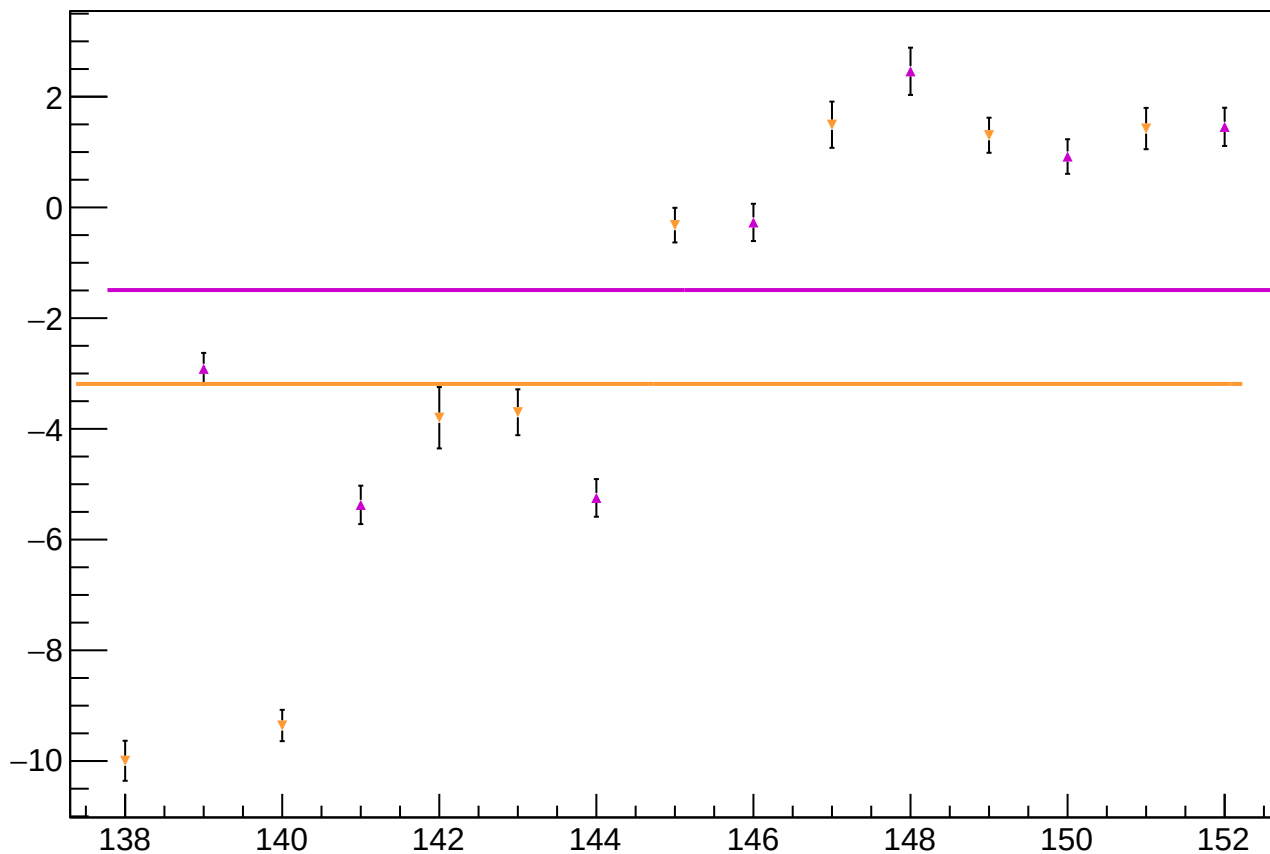
Right: -19.007+/-0.013 χ^2/NDF : 204486.4/35

In: -20.760+/-0.012 χ^2/NDF : 52834.9/23

Out: -20.239+/-0.012 χ^2/NDF : 269267.7/26

All: -20.498+/-0.008 χ^2/NDF : 323119.7/50

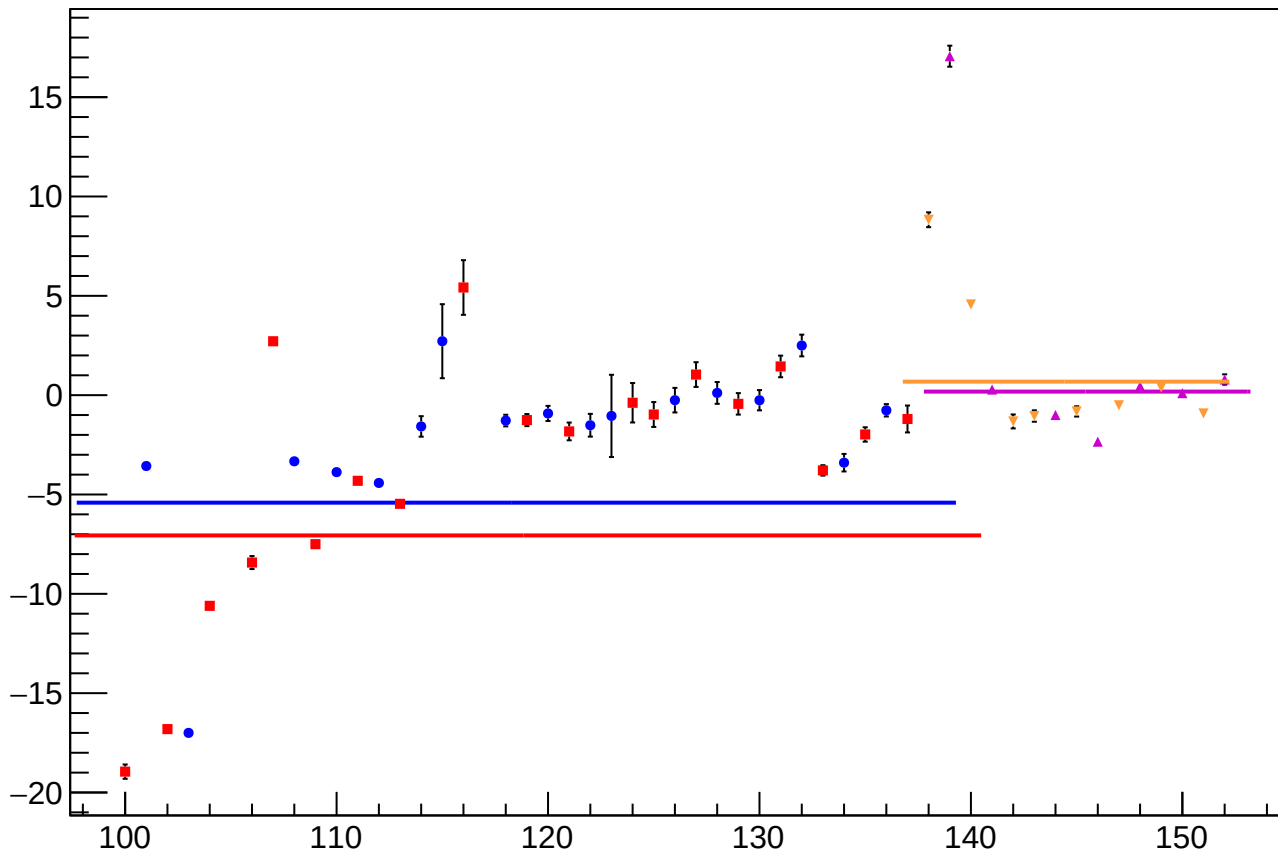
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.188+/-0.127 χ^2/NDF :1396.2/7
 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: -2.343+/-0.090 χ^2/NDF : 1988.4/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.493+/-0.127 χ^2/NDF :502.8/6
 Out: -3.188+/-0.127 χ^2/NDF :1396.2/7
 All: -2.343+/-0.090 χ^2/NDF : 1988.4/14

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: 0.680 ± 0.088 χ^2/NDF : 938.5/7

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: 0.441 ± 0.064 χ^2/NDF : 2142.6/14

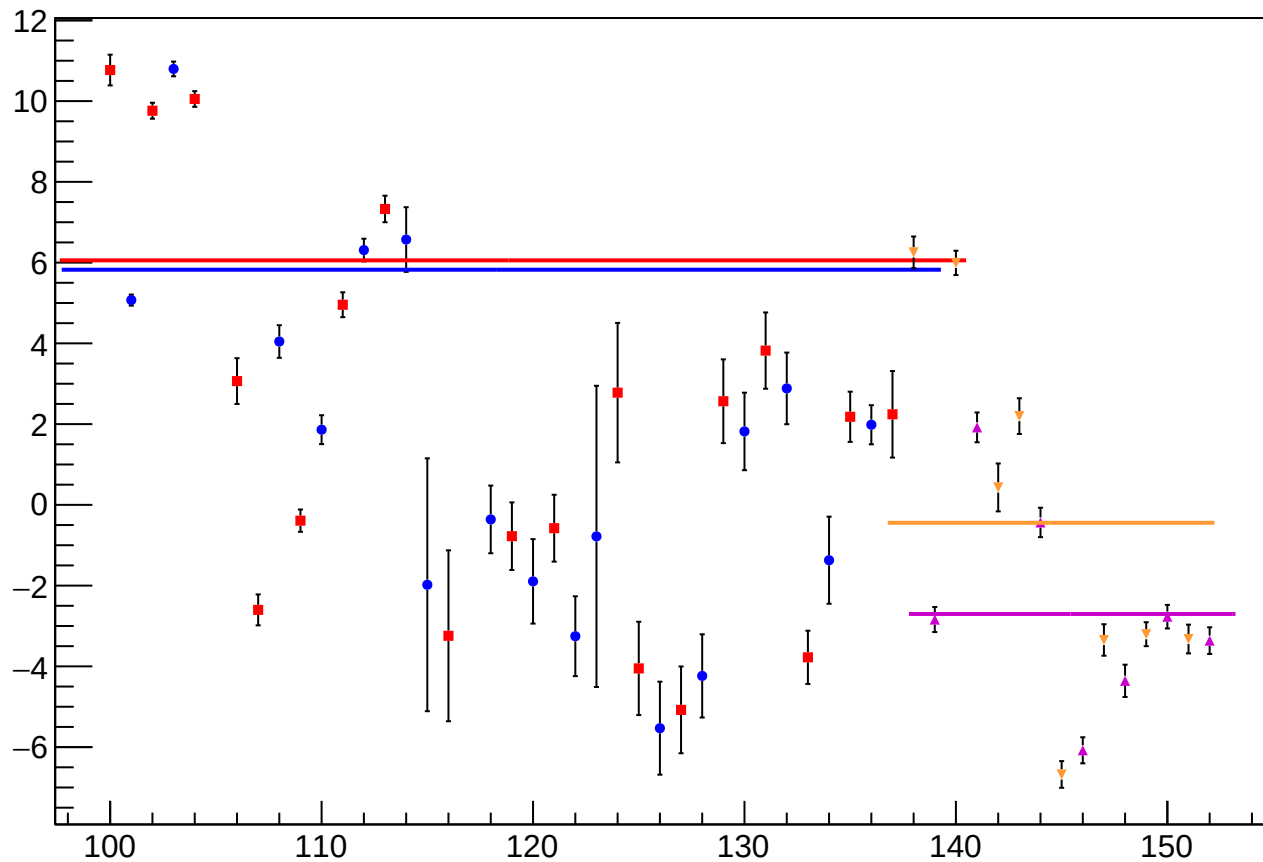
Right: -6.173 ± 0.040 χ^2/NDF : 22010.3/35

In: -3.951 ± 0.047 χ^2/NDF : 13173.3/23

Out: -4.657 ± 0.049 χ^2/NDF : 18604.8/26

All: -4.290 ± 0.034 χ^2/NDF : 31885.8/50

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: -0.444 ± 0.129 χ^2/NDF : 1348.3/7

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

Left In: -2.702 ± 0.127 χ^2/NDF : 326.3/6

Left: -1.587 ± 0.090 χ^2/NDF : 1830.7/14

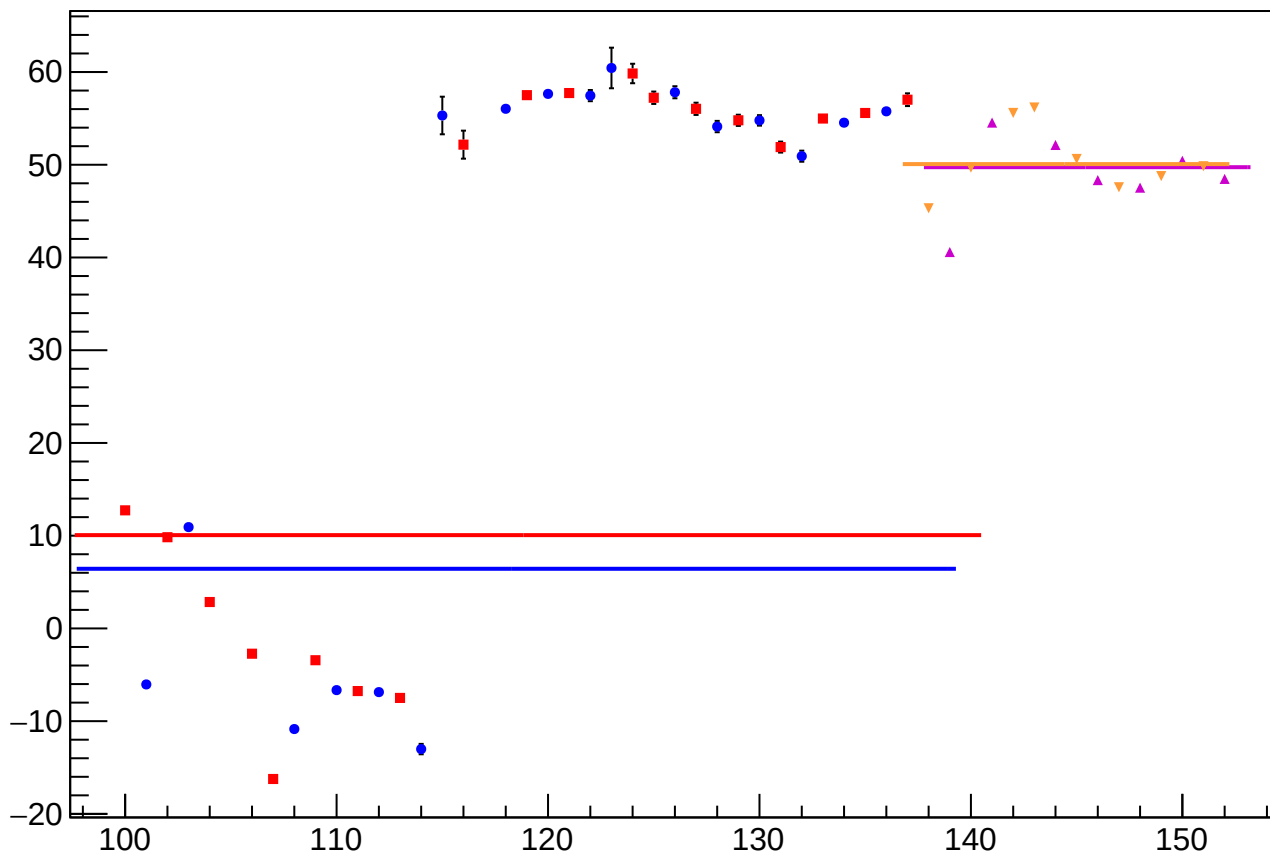
Right: 5.935 ± 0.065 χ^2/NDF : 4124.7/35

In: 2.991 ± 0.073 χ^2/NDF : 4788.3/23

Out: 3.814 ± 0.076 χ^2/NDF : 5690.7/26

All: 3.390 ± 0.053 χ^2/NDF : 10540.3/50

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: 50.070 ± 0.108 $\chi^2/\text{NDF}: 726.3/7$

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: 49.909 ± 0.078 $\chi^2/\text{NDF}: 1490.8/14$

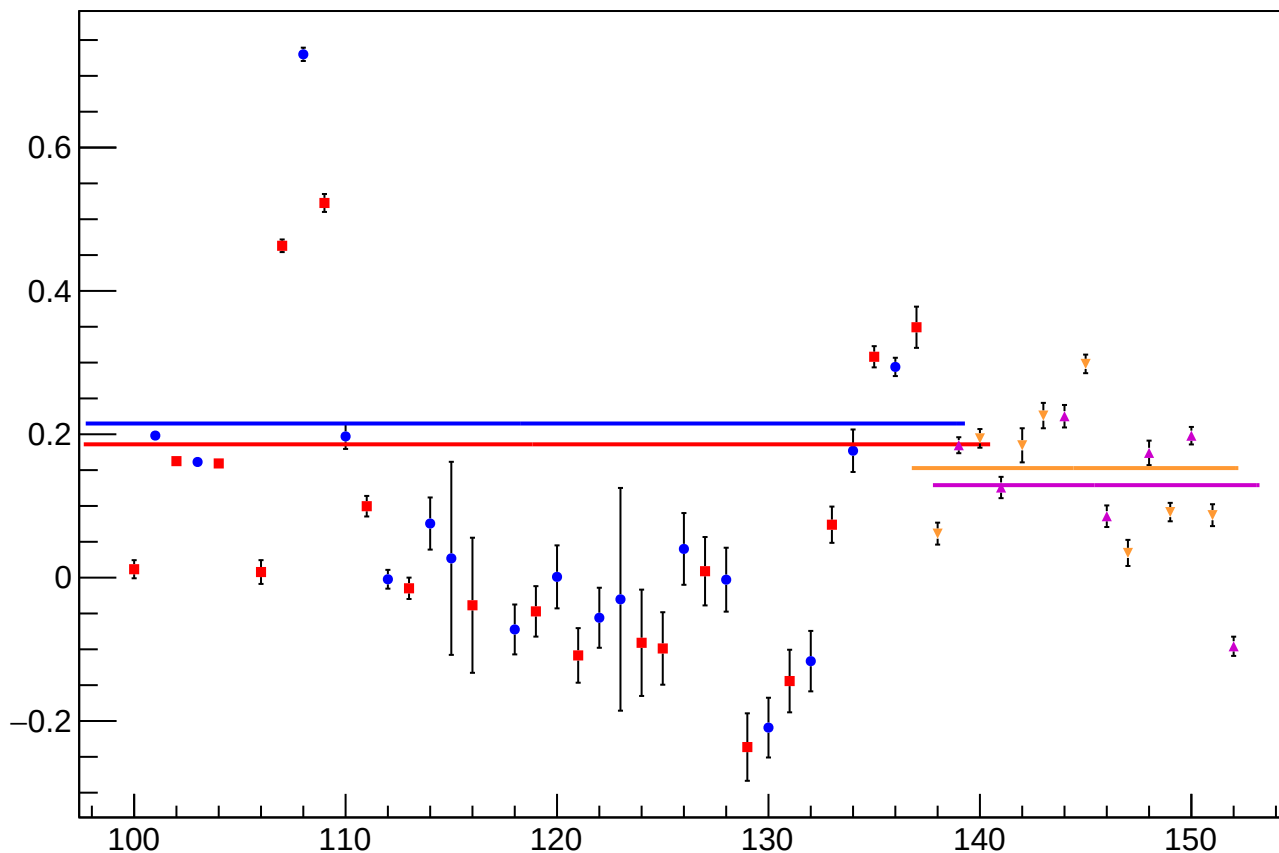
Right: 8.110 ± 0.047 $\chi^2/\text{NDF}: 246756.9/35$

In: 17.328 ± 0.056 $\chi^2/\text{NDF}: 236964.3/23$

Out: 21.813 ± 0.059 $\chi^2/\text{NDF}: 219223.2/26$

All: 19.467 ± 0.040 $\chi^2/\text{NDF}: 459250.6/50$

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: 0.153 $\pm$ 0.005 χ^2 /NDF:274.0/7

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: 0.141 $\pm$ 0.004 χ^2 /NDF: 674.7/14

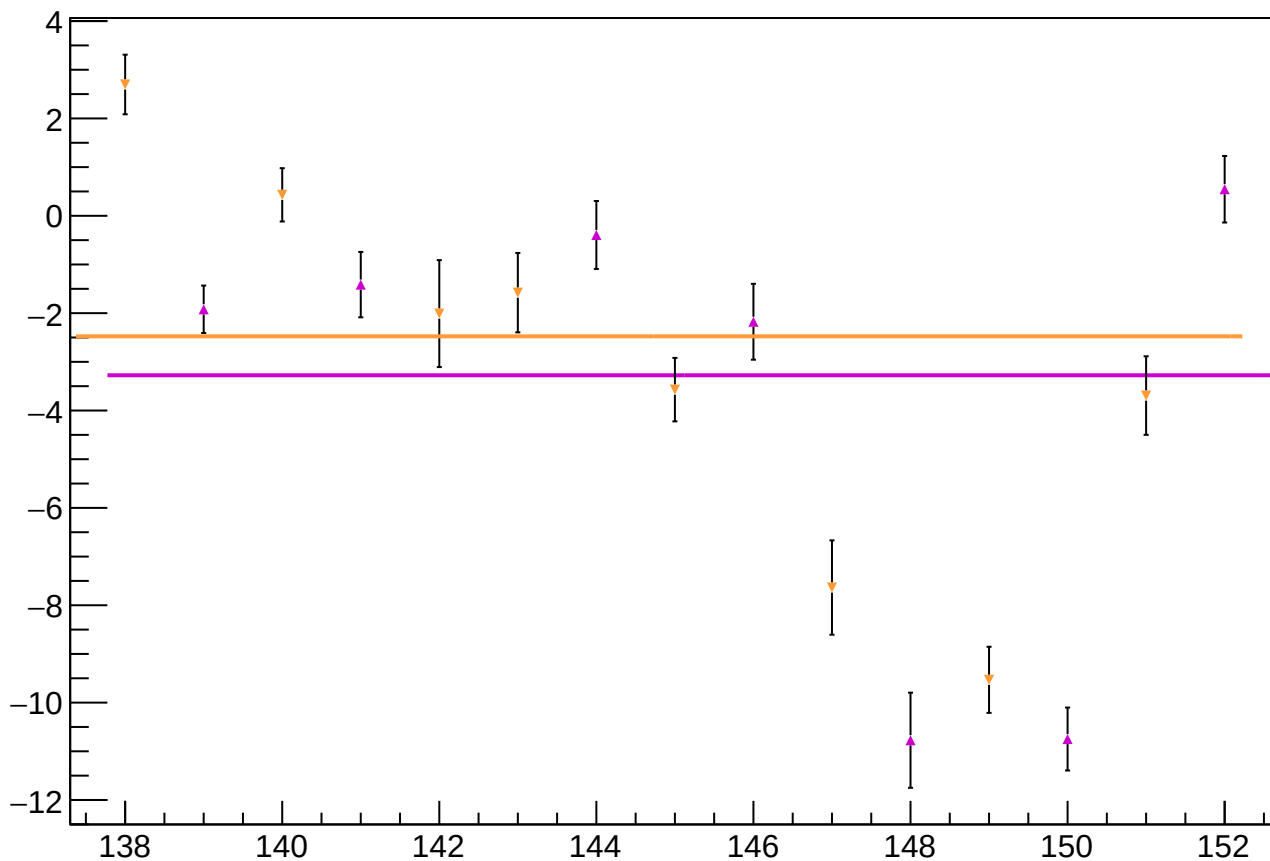
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.196 $\pm$ 0.002 χ^2 /NDF:4532.7/23

Out: 0.179 $\pm$ 0.002 χ^2 /NDF:3024.6/26

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 7581.2/50

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: -2.476+/-0.254 χ^2/NDF :242.4/7

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: -2.879+/-0.179 χ^2/NDF : 505.6/14

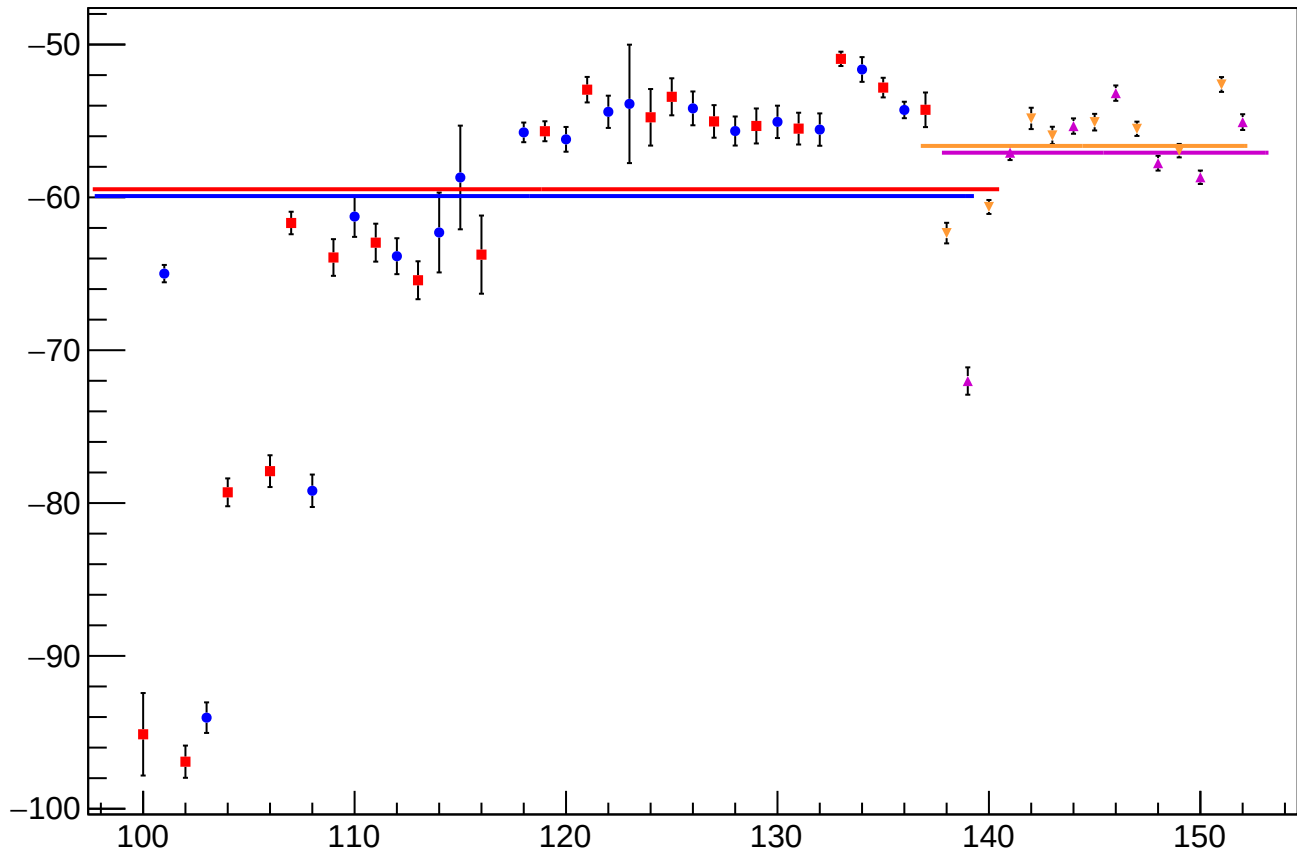
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.276+/-0.252 χ^2/NDF :258.2/6

Out: -2.476+/-0.254 χ^2/NDF :242.4/7

All: -2.879+/-0.179 χ^2/NDF : 505.6/14

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: -56.633 ± 0.184 χ^2/NDF : 239.2/7

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: -56.844 ± 0.133 χ^2/NDF : 623.1/14

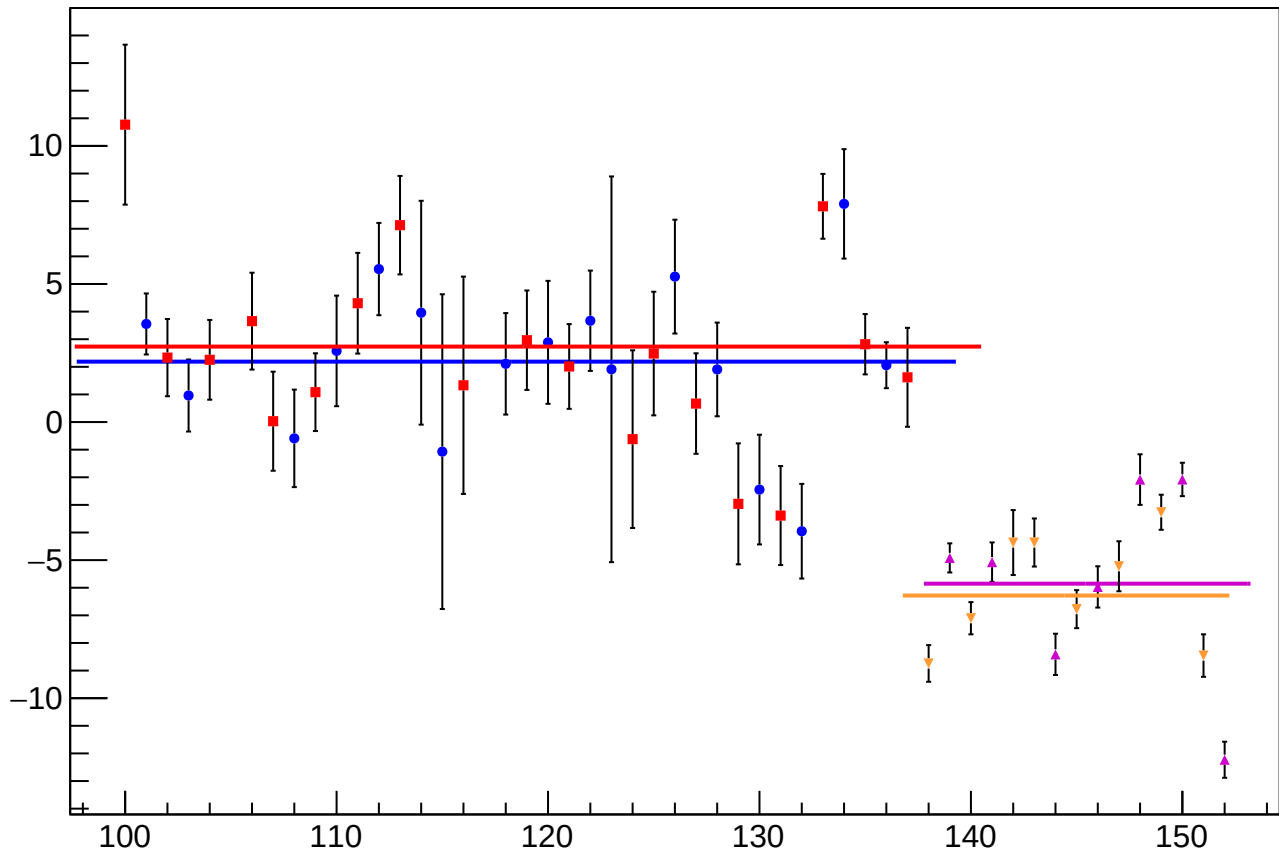
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -58.298 ± 0.146 χ^2/NDF : 2452.8/23

Out: -57.851 ± 0.139 χ^2/NDF : 3253.7/26

All: -58.063 ± 0.101 χ^2/NDF : 5711.5/50

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: -6.283 ± 0.260 $\chi^2/\text{NDF}: 55.6/7$

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: -6.063 ± 0.182 $\chi^2/\text{NDF}: 224.1/14$

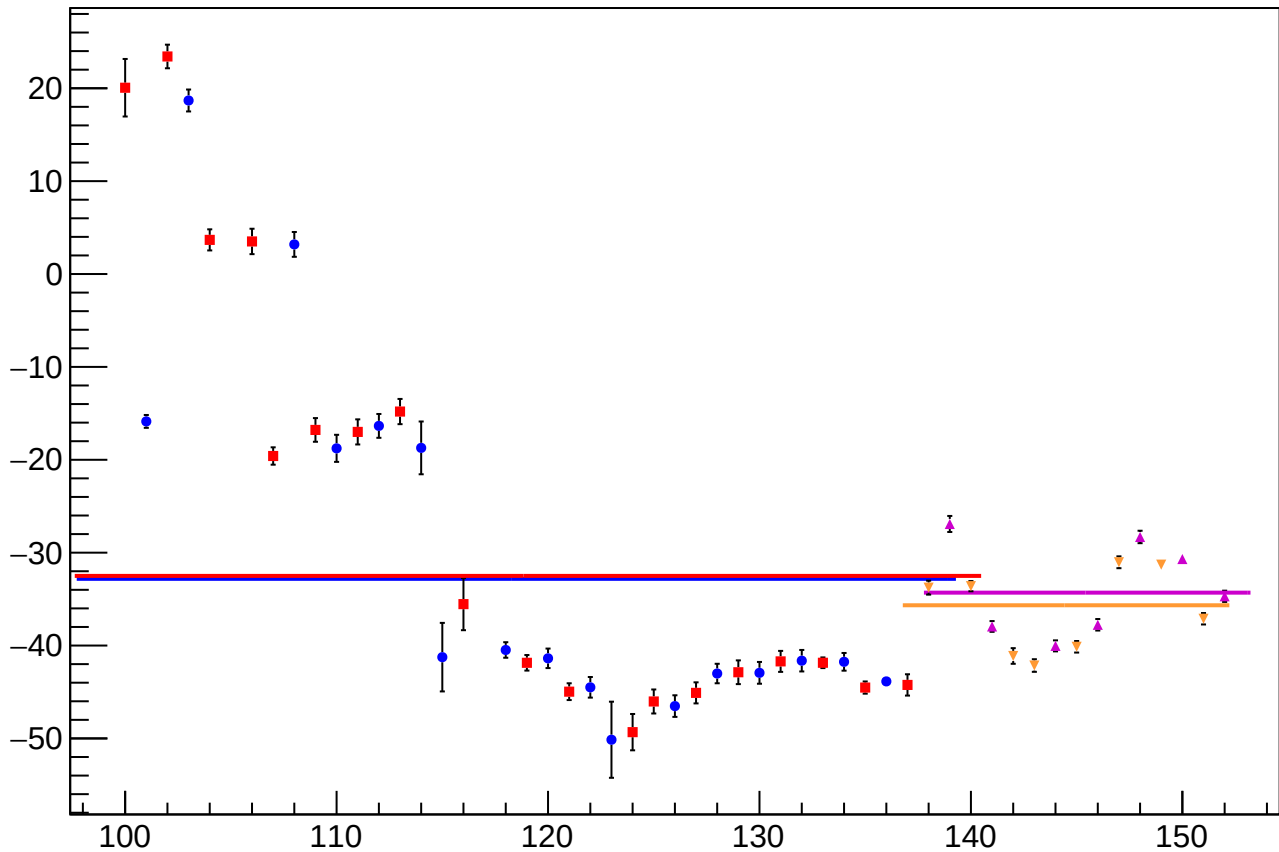
Right: 2.472 ± 0.280 $\chi^2/\text{NDF}: 98.9/35$

In: -3.566 ± 0.215 $\chi^2/\text{NDF}: 489.6/23$

Out: -3.479 ± 0.216 $\chi^2/\text{NDF}: 487.2/26$

All: -3.523 ± 0.153 $\chi^2/\text{NDF}: 976.9/50$

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: -35.663 ± 0.224 $\chi^2/\text{NDF}: 332.0/7$

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: -35.007 ± 0.161 $\chi^2/\text{NDF}: 718.3/14$

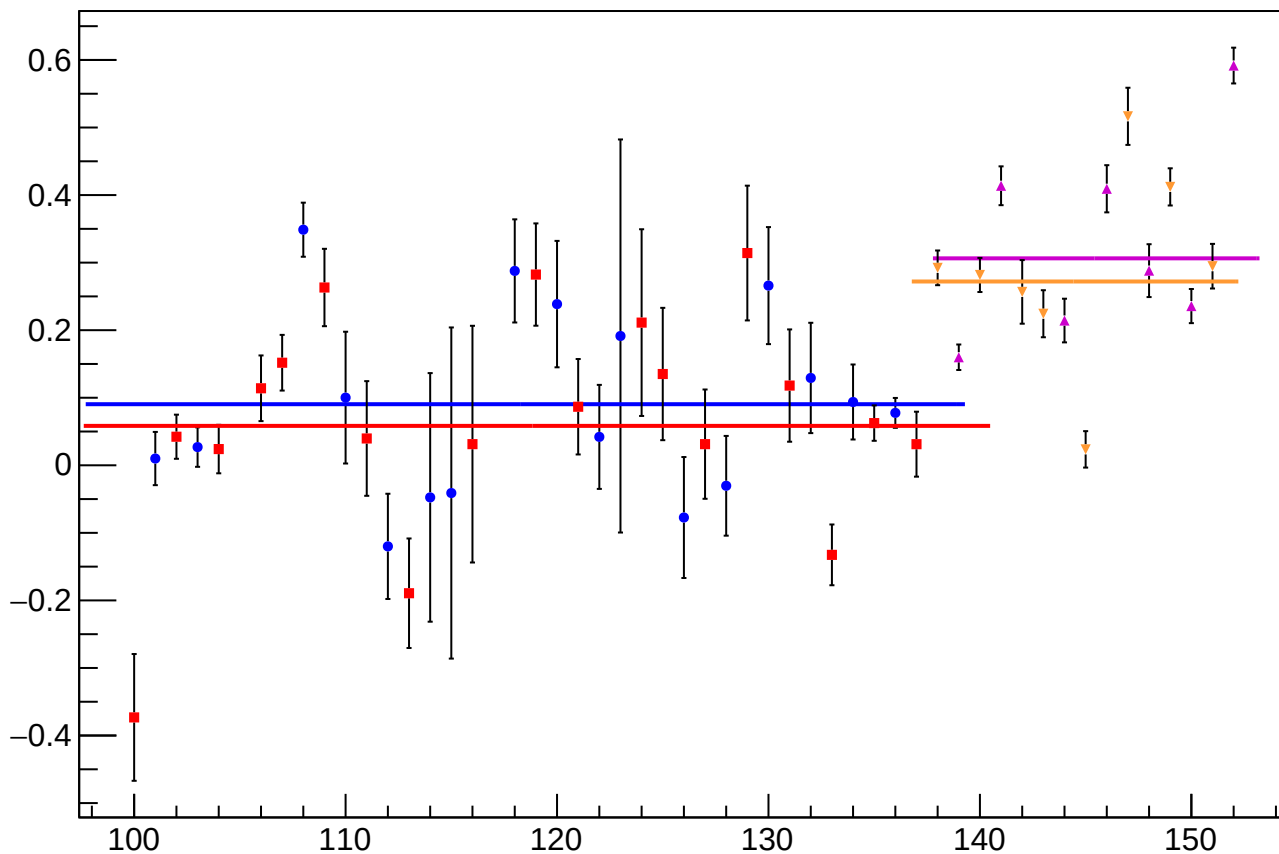
Right: -32.652 ± 0.176 $\chi^2/\text{NDF}: 10705.2/35$

In: -33.628 ± 0.171 $\chi^2/\text{NDF}: 5053.8/23$

Out: -34.216 ± 0.165 $\chi^2/\text{NDF}: 6461.0/26$

All: -33.933 ± 0.119 $\chi^2/\text{NDF}: 11520.9/50$

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: 0.272 ± 0.011 $\chi^2/\text{NDF}: 147.4/7$

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: 0.290 ± 0.007 $\chi^2/\text{NDF}: 367.8/14$

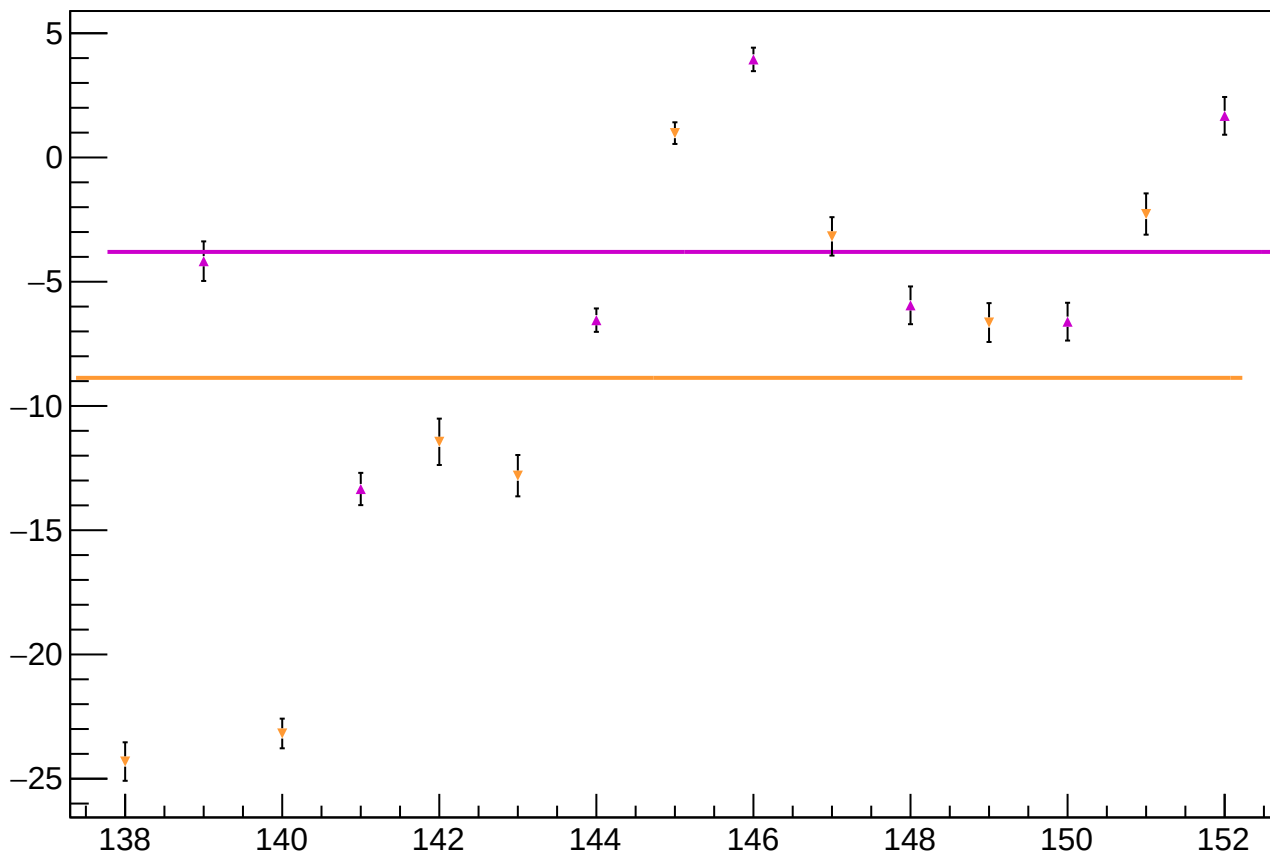
Right: 0.074 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.221 ± 0.008 $\chi^2/\text{NDF}: 468.5/23$

Out: 0.177 ± 0.008 $\chi^2/\text{NDF}: 407.3/26$

All: 0.199 ± 0.006 $\chi^2/\text{NDF}: 890.4/50$

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: -8.868+/-0.242 χ^2/NDF :1638.1/7

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: -6.259+/-0.169 χ^2/NDF : 2456.5/14

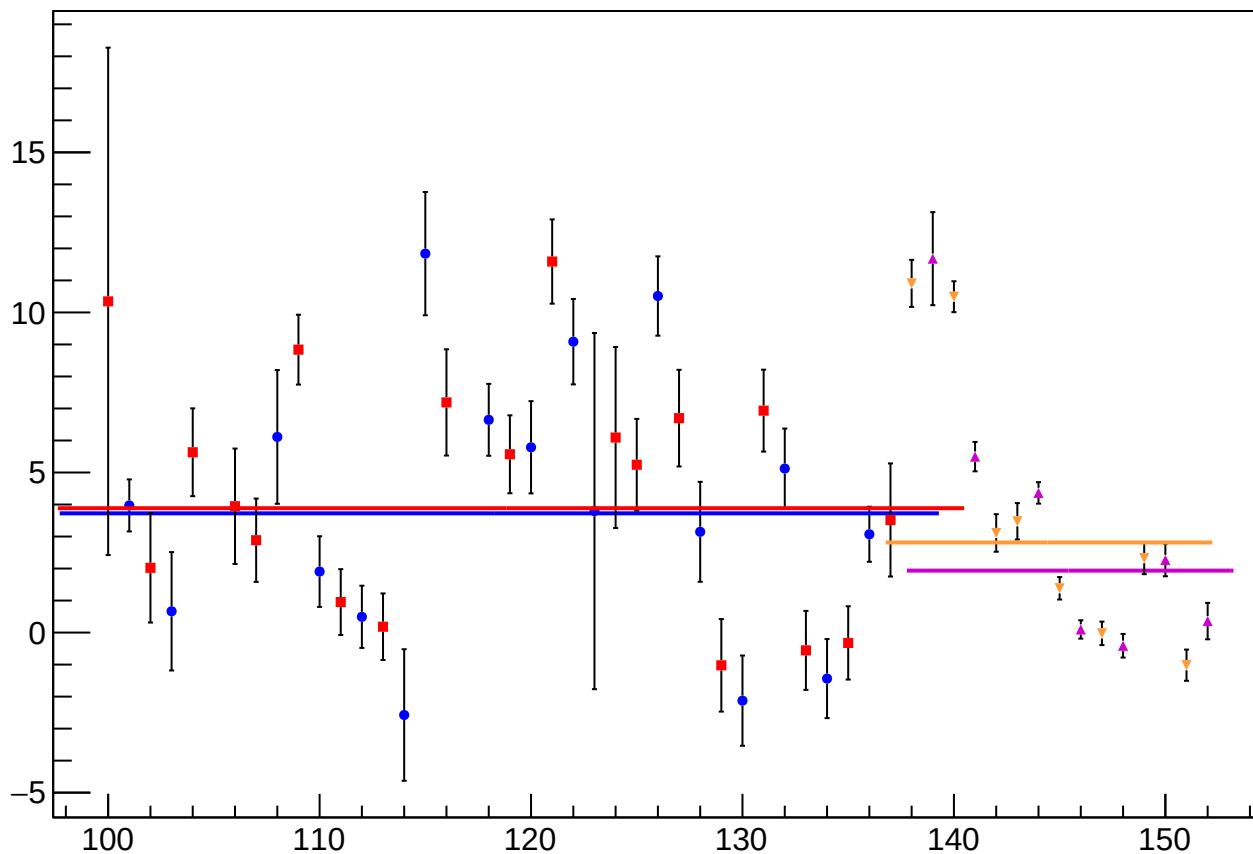
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.800+/-0.235 χ^2/NDF :592.5/6

Out: -8.868+/-0.242 χ^2/NDF :1638.1/7

All: -6.259+/-0.169 χ^2/NDF : 2456.5/14

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 2.814 $\pm$ 0.167 χ^2 /NDF: 515.8/7

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

Left In: 1.935 $\pm$ 0.157 χ^2 /NDF: 247.1/6

Left: 2.348 $\pm$ 0.114 χ^2 /NDF: 777.6/14

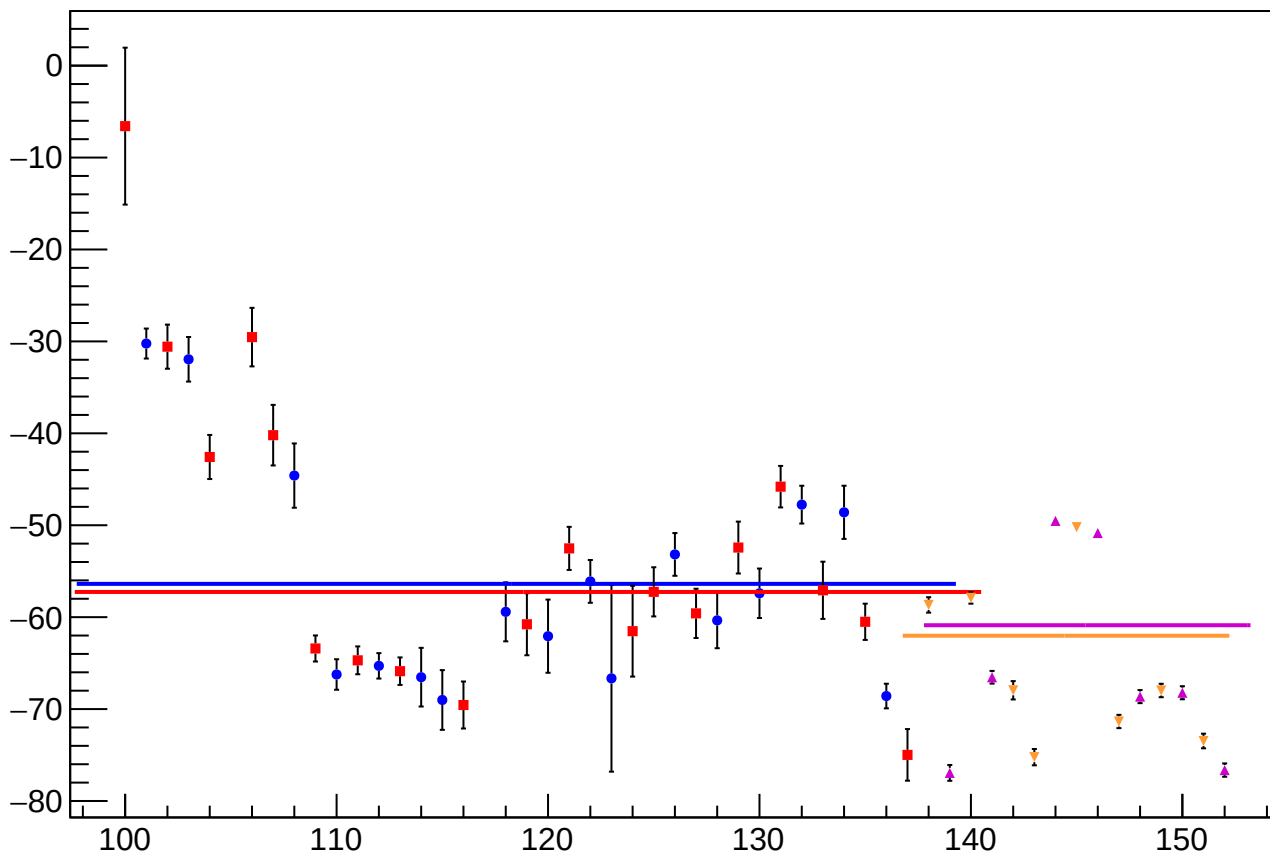
Right: 3.803 $\pm$ 0.221 χ^2 /NDF: 271.3/35

In: 2.304 $\pm$ 0.140 χ^2 /NDF: 410.6/23

Out: 3.047 $\pm$ 0.148 χ^2 /NDF: 659.1/26

All: 2.656 $\pm$ 0.102 χ^2 /NDF: 1083.0/50

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -62.019 ± 0.249 $\chi^2/\text{NDF}: 1404.4/7$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

Left In: -60.879 ± 0.235 $\chi^2/\text{NDF}: 2105.4/6$

Left: -61.418 ± 0.171 $\chi^2/\text{NDF}: 3520.9/14$

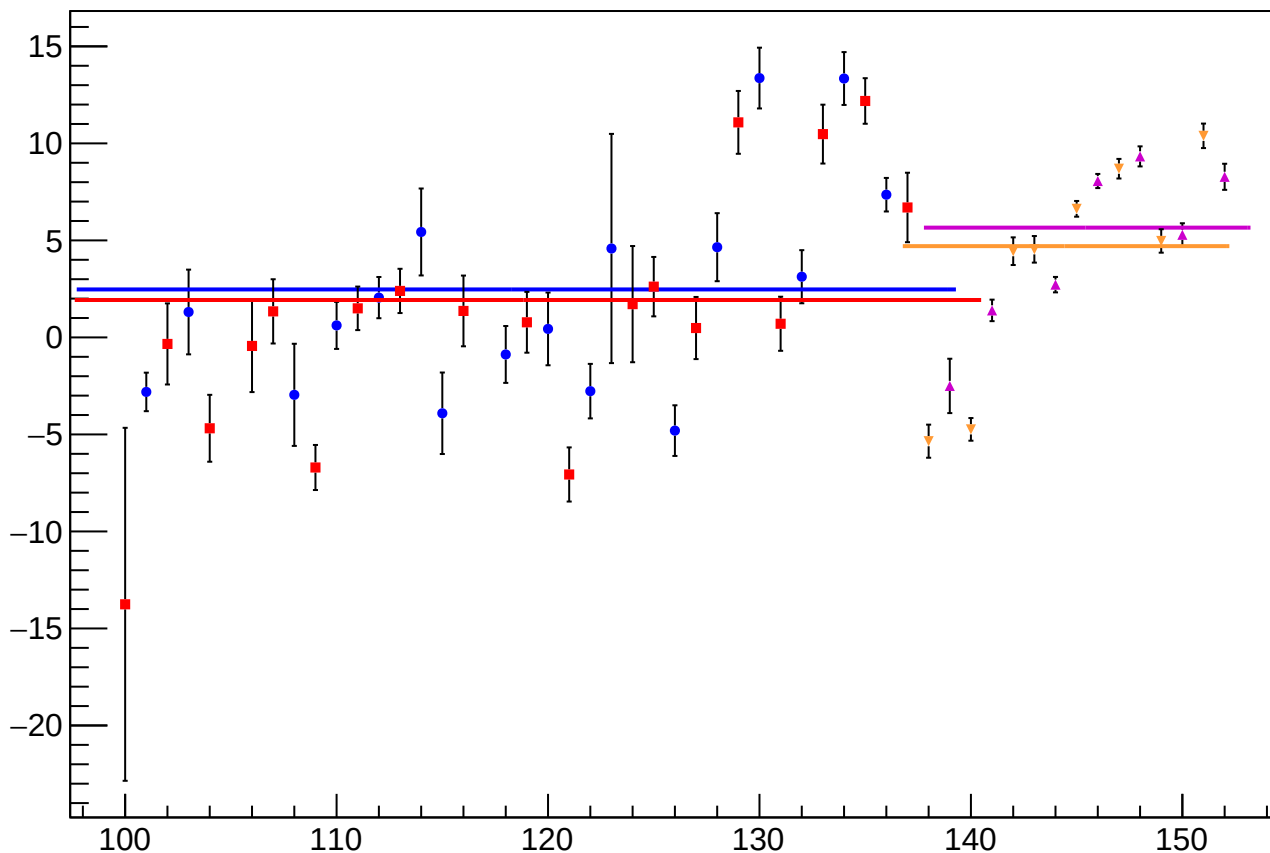
Right: -56.823 ± 0.381 $\chi^2/\text{NDF}: 1064.8/35$

In: -60.165 ± 0.216 $\chi^2/\text{NDF}: 2750.8/23$

Out: -61.176 ± 0.225 $\chi^2/\text{NDF}: 1945.4/26$

All: -60.649 ± 0.156 $\chi^2/\text{NDF}: 4706.7/50$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.704 ± 0.206 χ^2/NDF : 566.7/7

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

Left In: 5.657 ± 0.195 χ^2/NDF : 257.2/6

Left: 5.207 ± 0.141 χ^2/NDF : 835.2/14

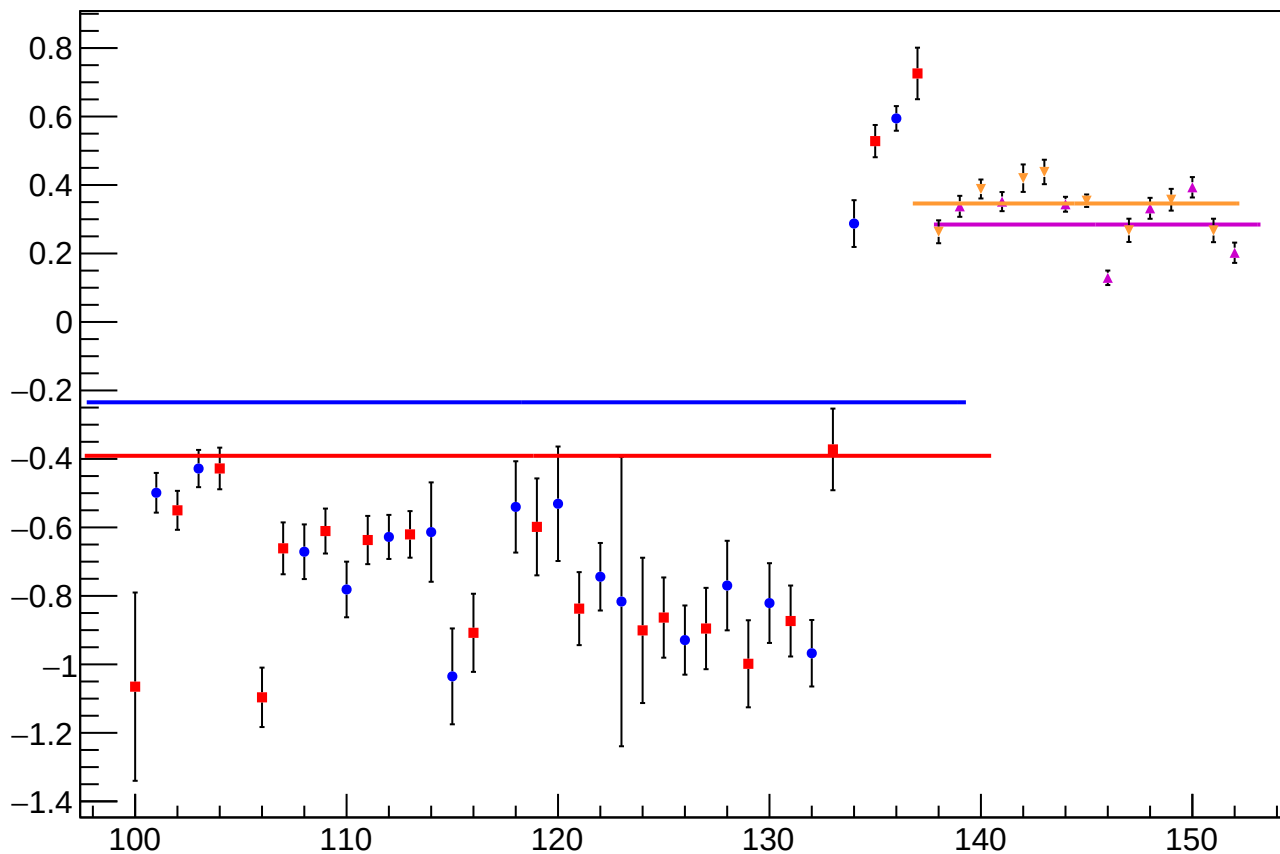
Right: 2.208 ± 0.248 χ^2/NDF : 511.4/35

In: 4.890 ± 0.170 χ^2/NDF : 565.3/23

Out: 4.006 ± 0.178 χ^2/NDF : 879.1/26

All: 4.469 ± 0.123 χ^2/NDF : 1457.3/50

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: 0.346 ± 0.010 χ^2/NDF : 29.4/7

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: 0.314 ± 0.007 χ^2/NDF : 141.3/14

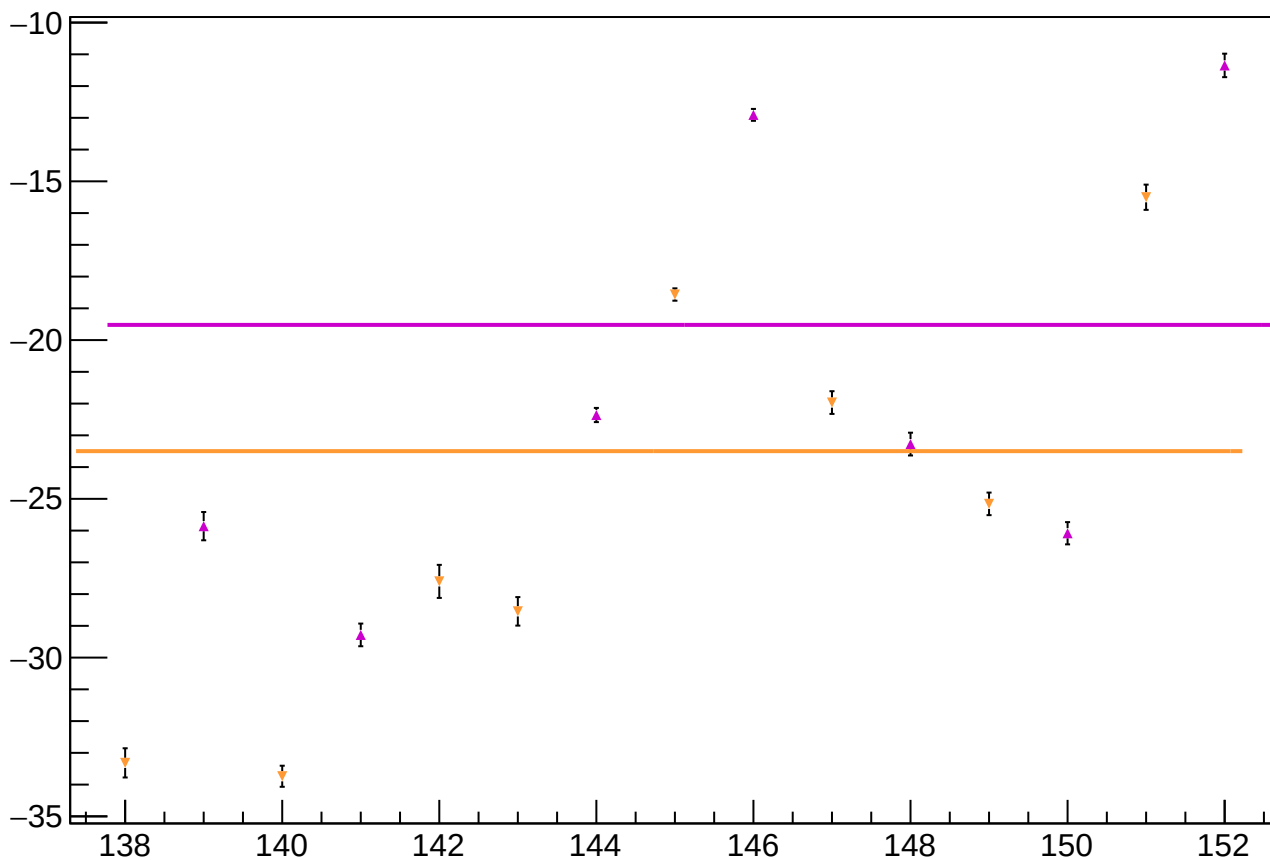
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.171 ± 0.009 χ^2/NDF : 1643.4/23

Out: 0.177 ± 0.009 χ^2/NDF : 2046.5/26

All: 0.174 ± 0.006 χ^2/NDF : 3690.1/50

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: -23.498+/-0.119 χ^2/NDF : 2680.9/7

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: -21.334+/-0.080 χ^2/NDF : 6597.1/14

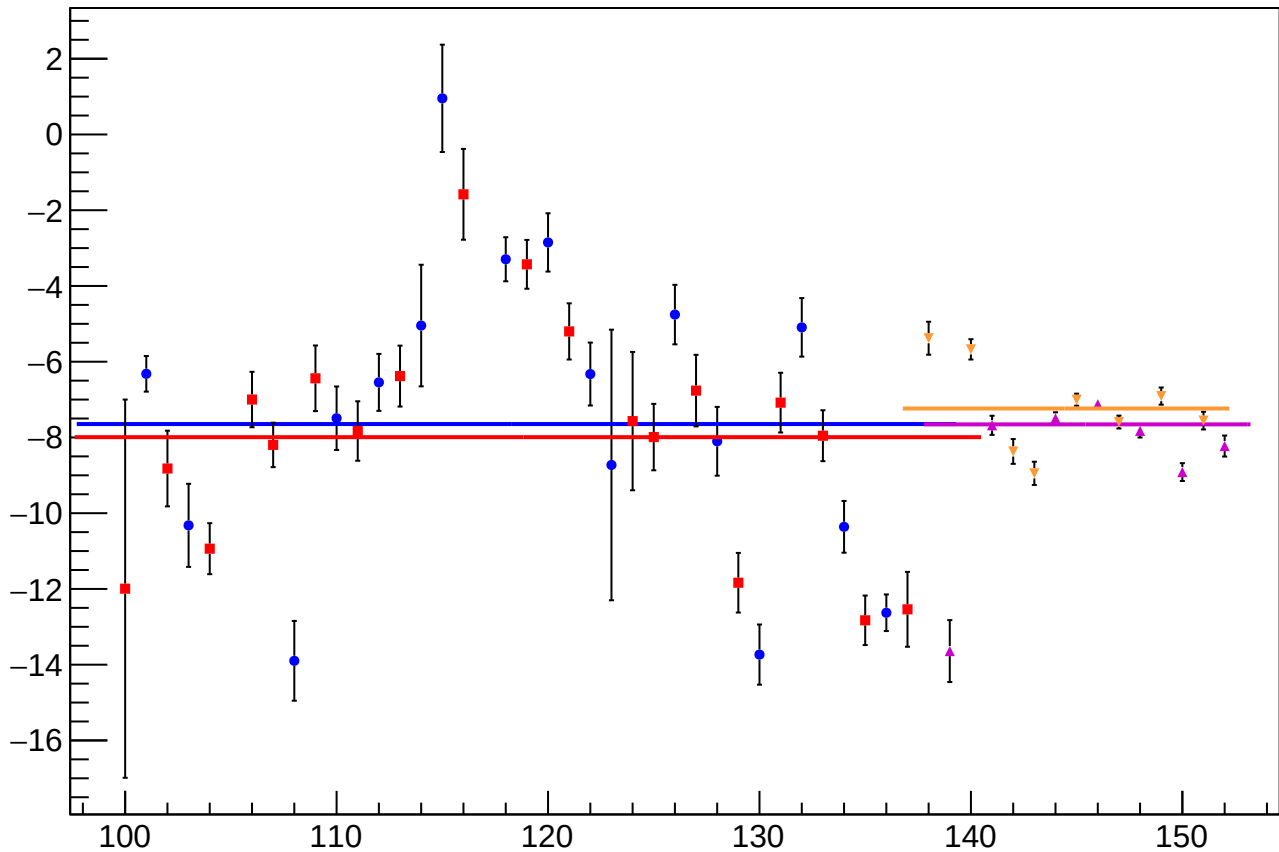
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.522+/-0.109 χ^2/NDF : 3306.4/6

Out: -23.498+/-0.119 χ^2/NDF : 2680.9/7

All: -21.334+/-0.080 χ^2/NDF : 6597.1/14

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: -7.236 ± 0.081 χ^2/NDF : 105.8/7

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: -7.471 ± 0.054 χ^2/NDF : 229.8/14

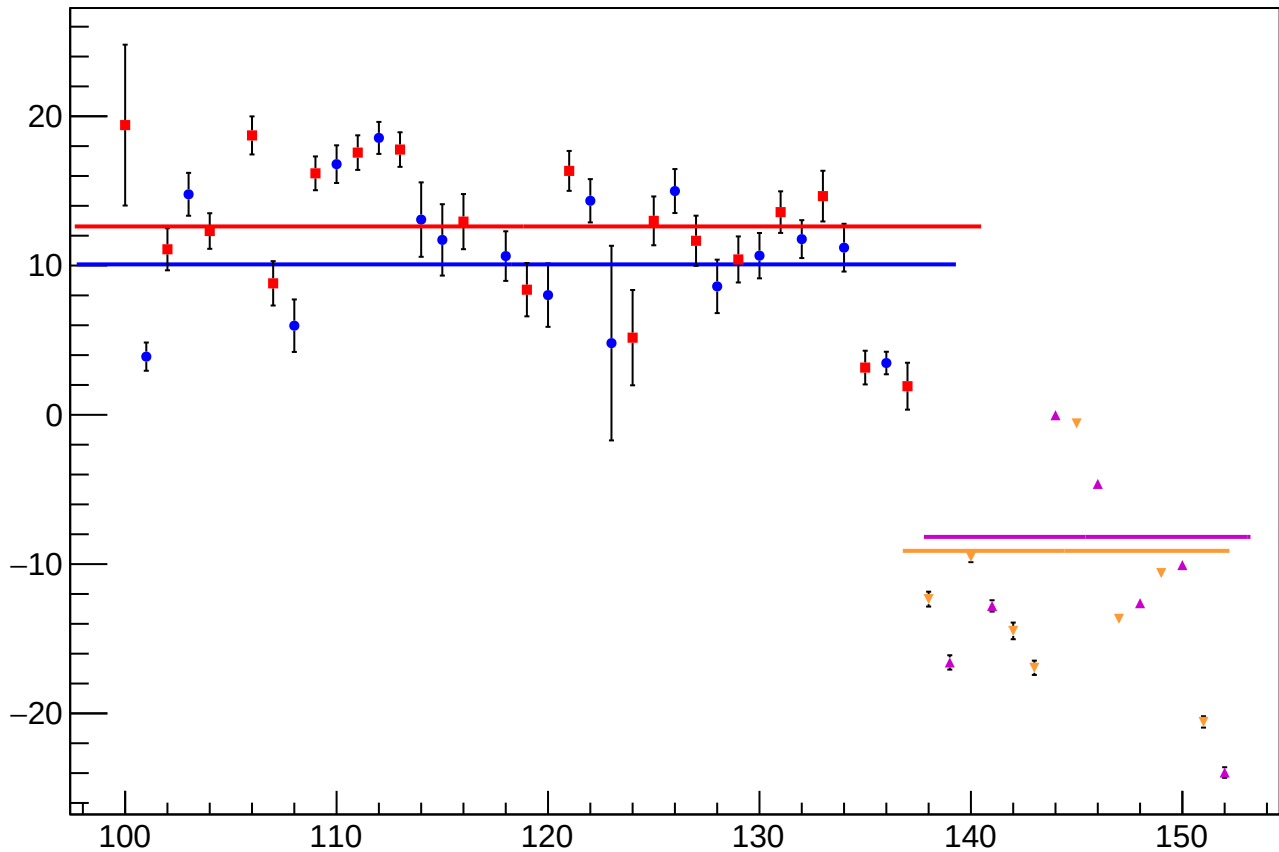
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.653 ± 0.067 χ^2/NDF : 502.8/23

Out: -7.357 ± 0.075 χ^2/NDF : 345.2/26

All: -7.521 ± 0.050 χ^2/NDF : 856.7/50

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: -9.112 ± 0.121 χ^2/NDF : 3231.8/7

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: -8.591 ± 0.081 χ^2/NDF : 7462.2/14

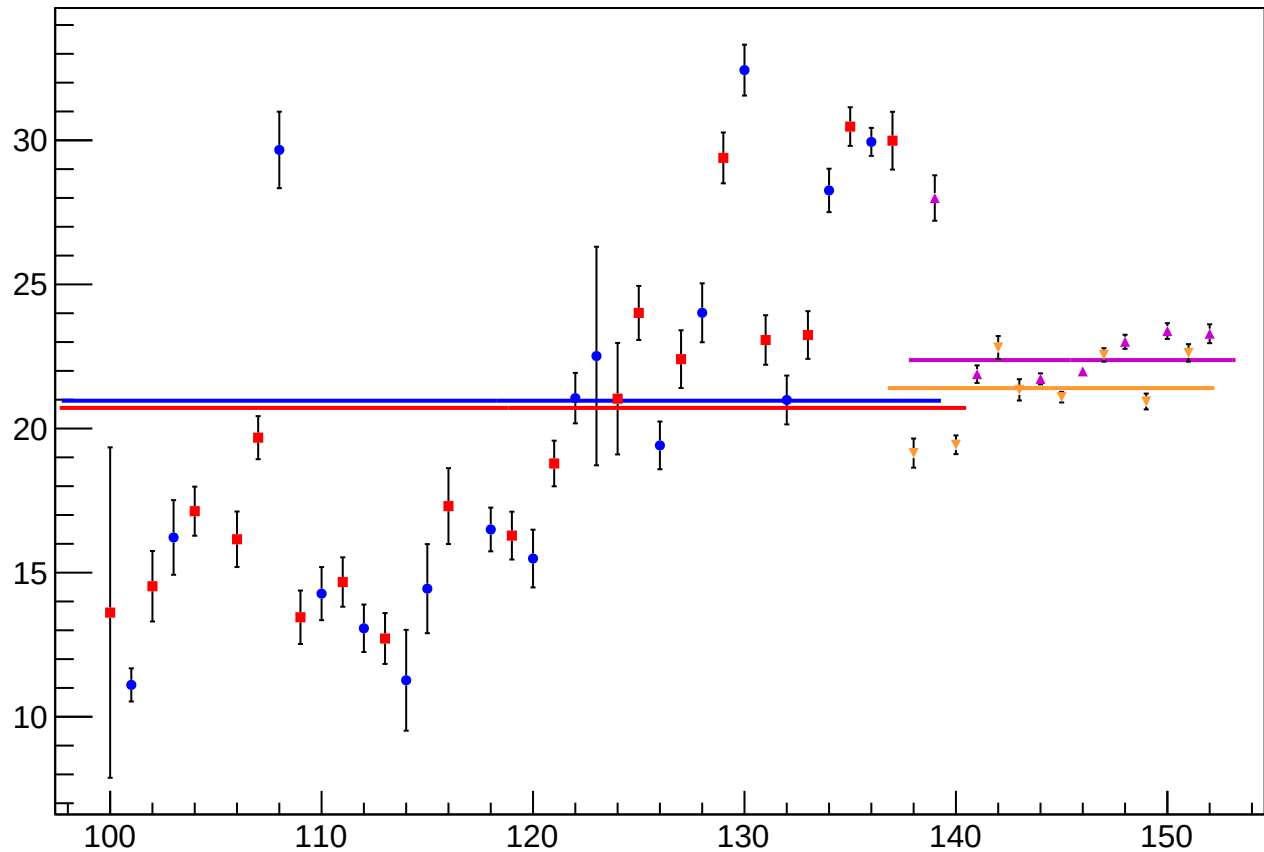
Right: 11.365 ± 0.237 χ^2/NDF : 501.6/35

In: -6.473 ± 0.103 χ^2/NDF : 7113.7/23

Out: -6.562 ± 0.114 χ^2/NDF : 7223.8/26

All: -6.513 ± 0.076 χ^2/NDF : 14337.8/50

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: 21.402 $\pm$ 0.100 χ^2 /NDF:115.5/7

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: 21.947 $\pm$ 0.067 χ^2 /NDF: 268.6/14

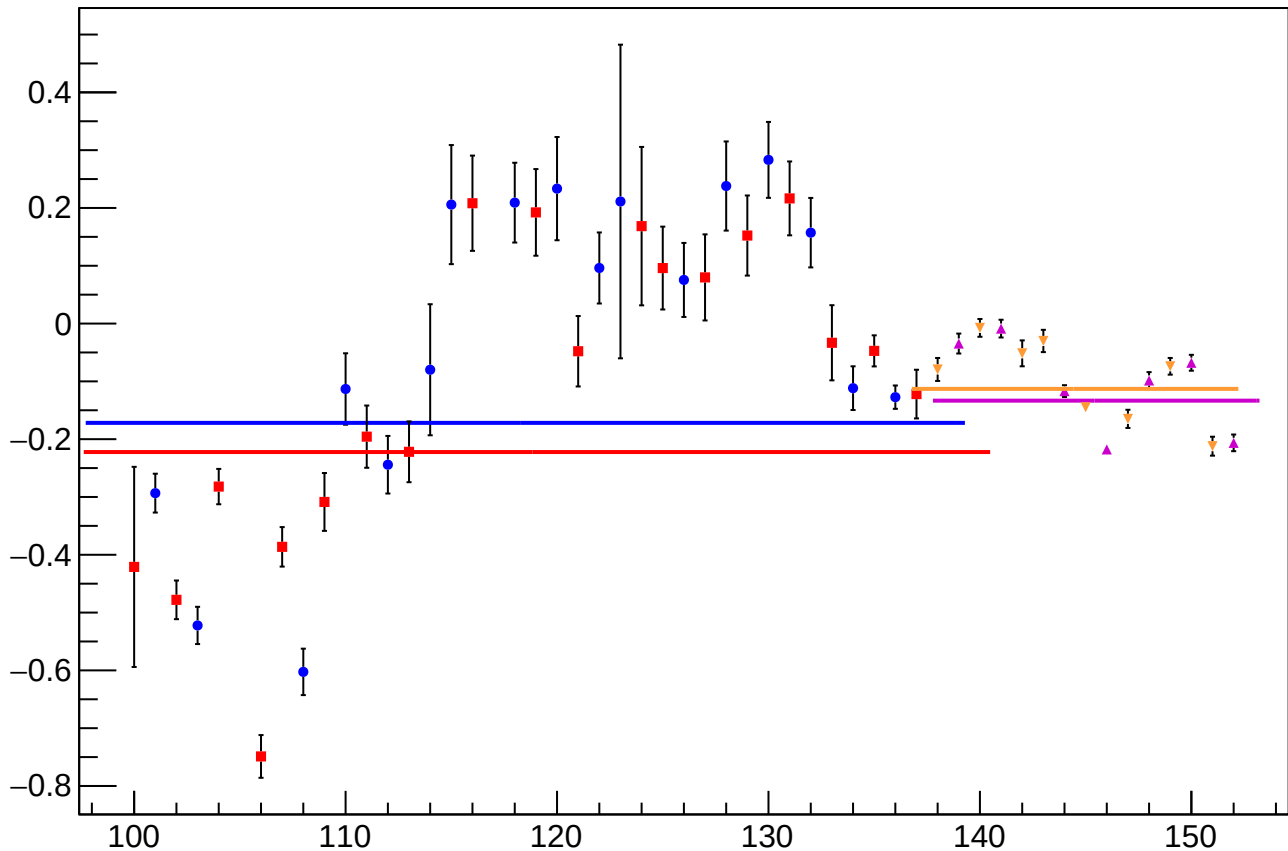
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 22.160 $\pm$ 0.082 χ^2 /NDF:1364.4/23

Out: 21.277 $\pm$ 0.091 χ^2 /NDF:854.0/26

All: 21.763 $\pm$ 0.061 χ^2 /NDF: 2270.4/50

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: -0.113 ± 0.005 χ^2/NDF : 146.2/7

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: -0.124 ± 0.003 χ^2/NDF : 410.5/14

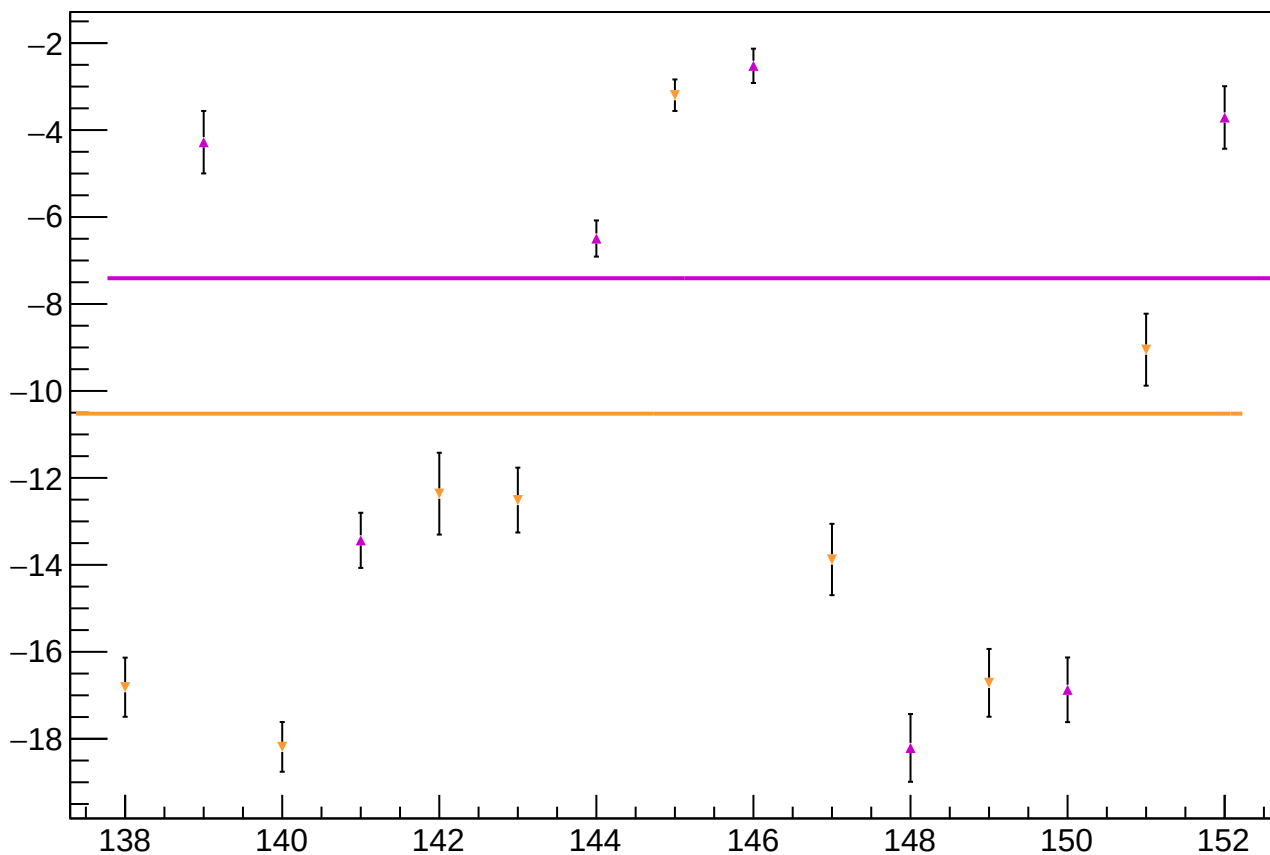
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.139 ± 0.004 χ^2/NDF : 729.7/23

Out: -0.132 ± 0.005 χ^2/NDF : 764.4/26

All: -0.136 ± 0.003 χ^2/NDF : 1495.4/50

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: -10.523+/-0.222 χ^2/NDF : 766.7/7

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: -8.904+/-0.154 χ^2/NDF : 1517.4/14

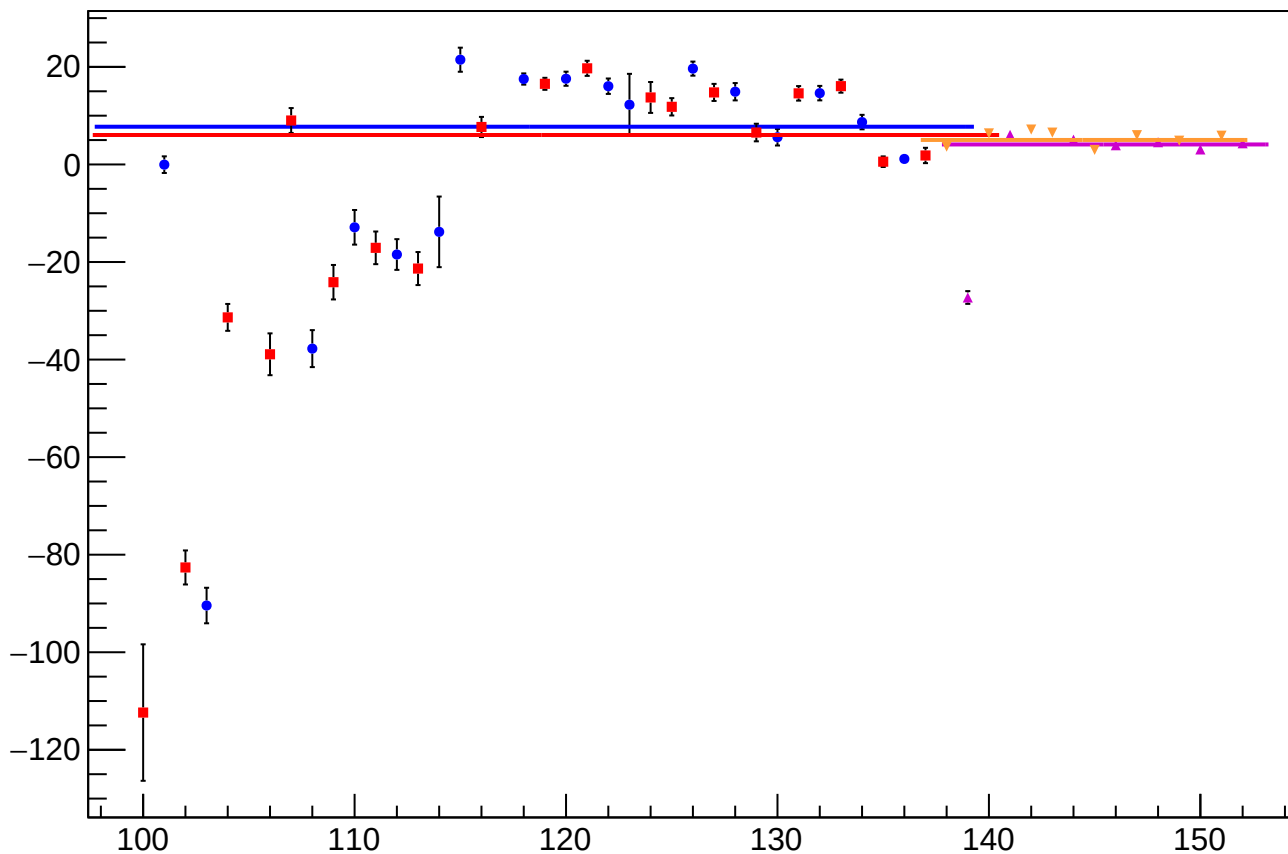
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Out: -10.523+/-0.222 χ^2/NDF : 766.7/7

All: -8.904+/-0.154 χ^2/NDF : 1517.4/14

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 $\pm$ 0.403 χ^2 /NDF: 1358.4/16

Left Out: 5.023 $\pm$ 0.157 χ^2 /NDF:94.1/7

Right Out: 6.040 $\pm$ 0.434 χ^2 /NDF: 1512.1/18

Left In: 4.100 $\pm$ 0.146 χ^2 /NDF:612.5/6

Left: 4.527 $\pm$ 0.107 χ^2 /NDF: 725.2/14

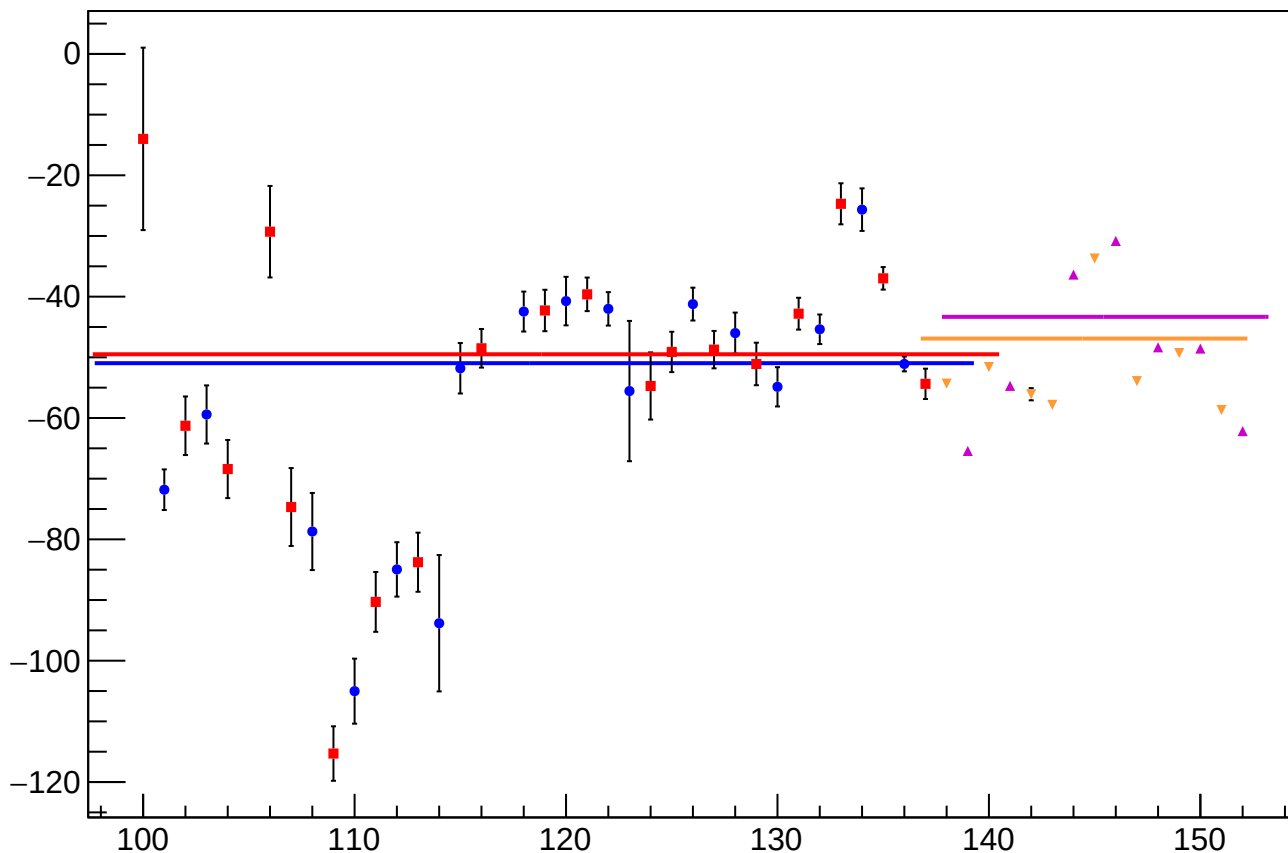
Right: 6.952 $\pm$ 0.295 χ^2 /NDF: 2878.8/35

In: 4.521 $\pm$ 0.137 χ^2 /NDF:2043.1/23

Out: 5.140 $\pm$ 0.148 χ^2 /NDF:1611.1/26

All: 4.808 $\pm$ 0.100 χ^2 /NDF: 3663.6/50

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: -46.907 ± 0.230 χ^2/NDF : 1906.3/7

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: -44.989 ± 0.157 χ^2/NDF : 5312.7/14

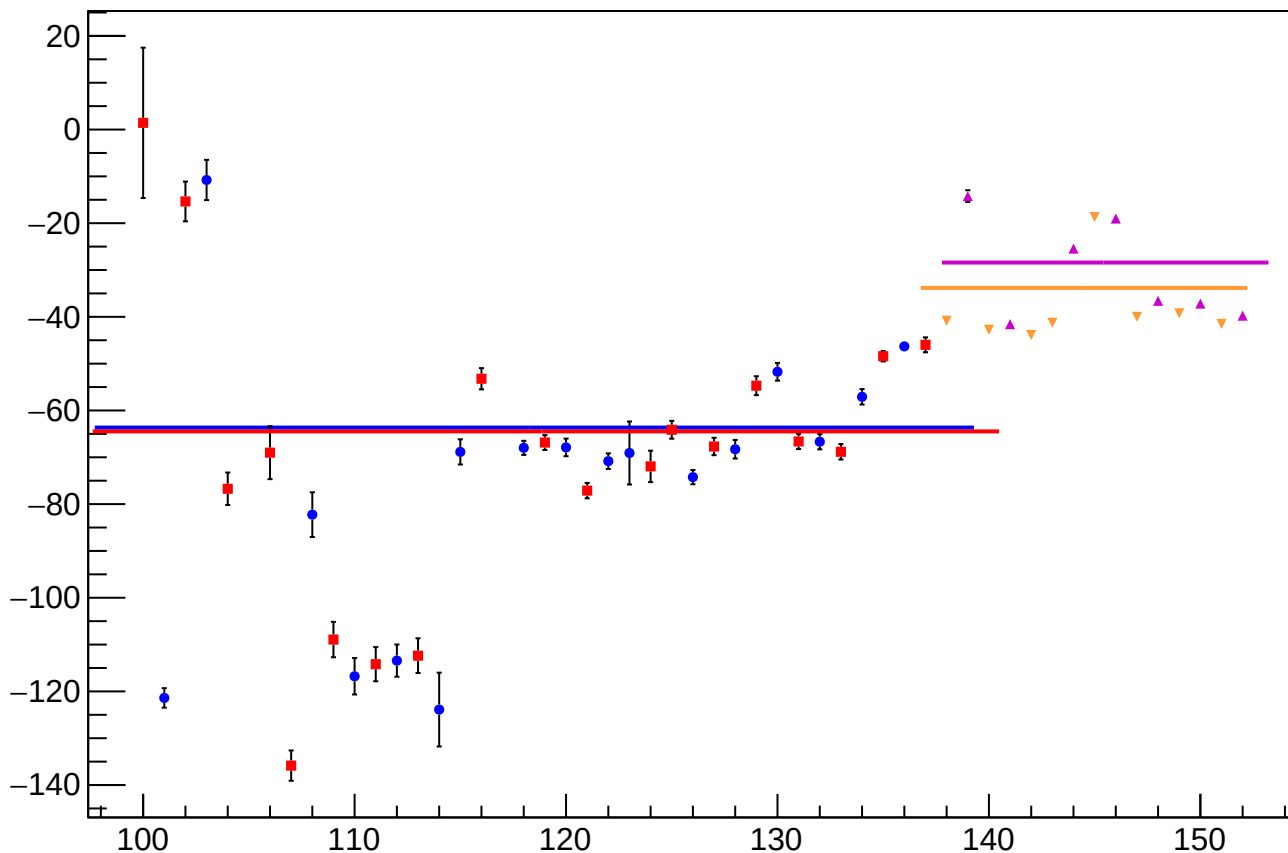
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -43.920 ± 0.205 χ^2/NDF : 3708.0/23

Out: -47.106 ± 0.221 χ^2/NDF : 2426.4/26

All: -45.398 ± 0.150 χ^2/NDF : 6246.0/50

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: -33.828 ± 0.192 χ^2/NDF : 3096.9/7

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: -30.932 ± 0.131 χ^2/NDF : 5986.8/14

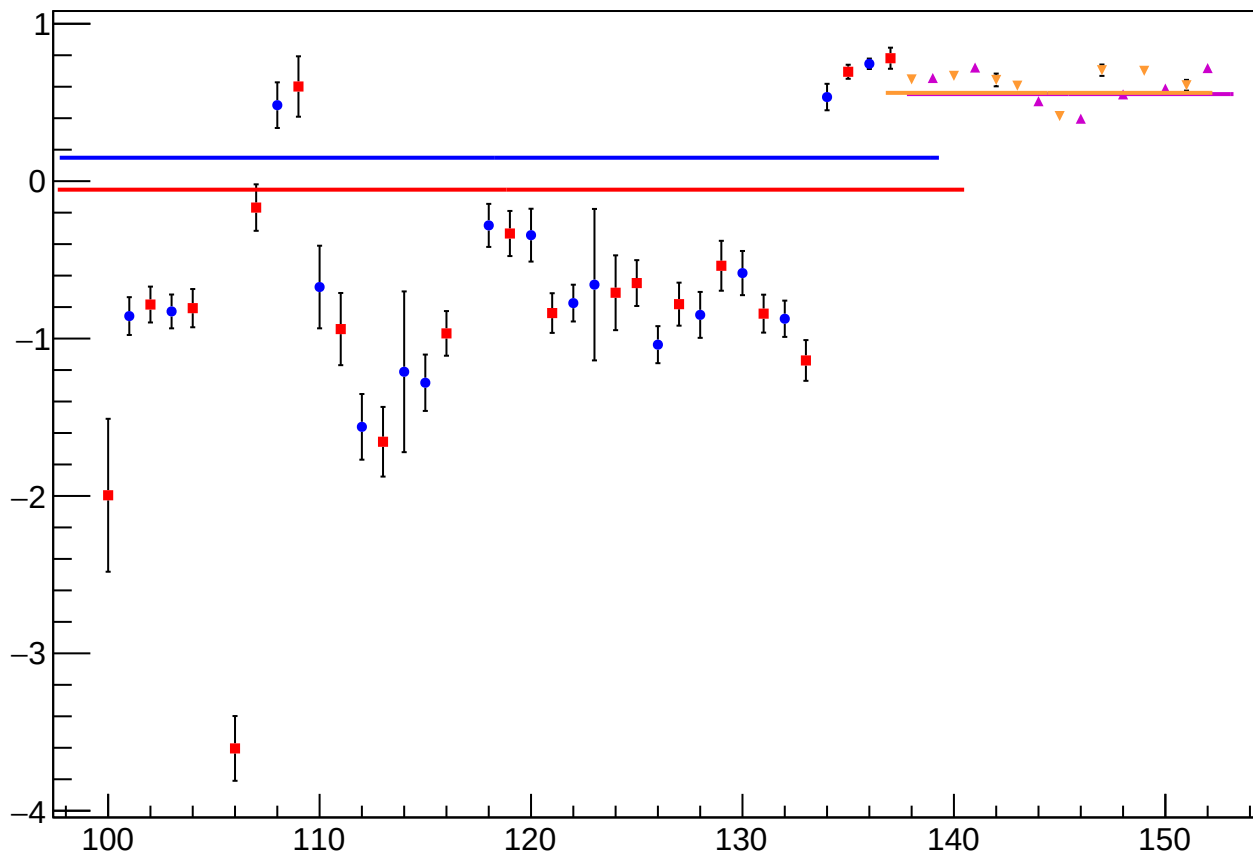
Right: -64.030 ± 0.327 χ^2/NDF : 3623.1/35

In: -33.308 ± 0.166 χ^2/NDF : 9870.5/23

Out: -38.002 ± 0.178 χ^2/NDF : 8187.4/26

All: -35.493 ± 0.121 χ^2/NDF : 18429.3/50

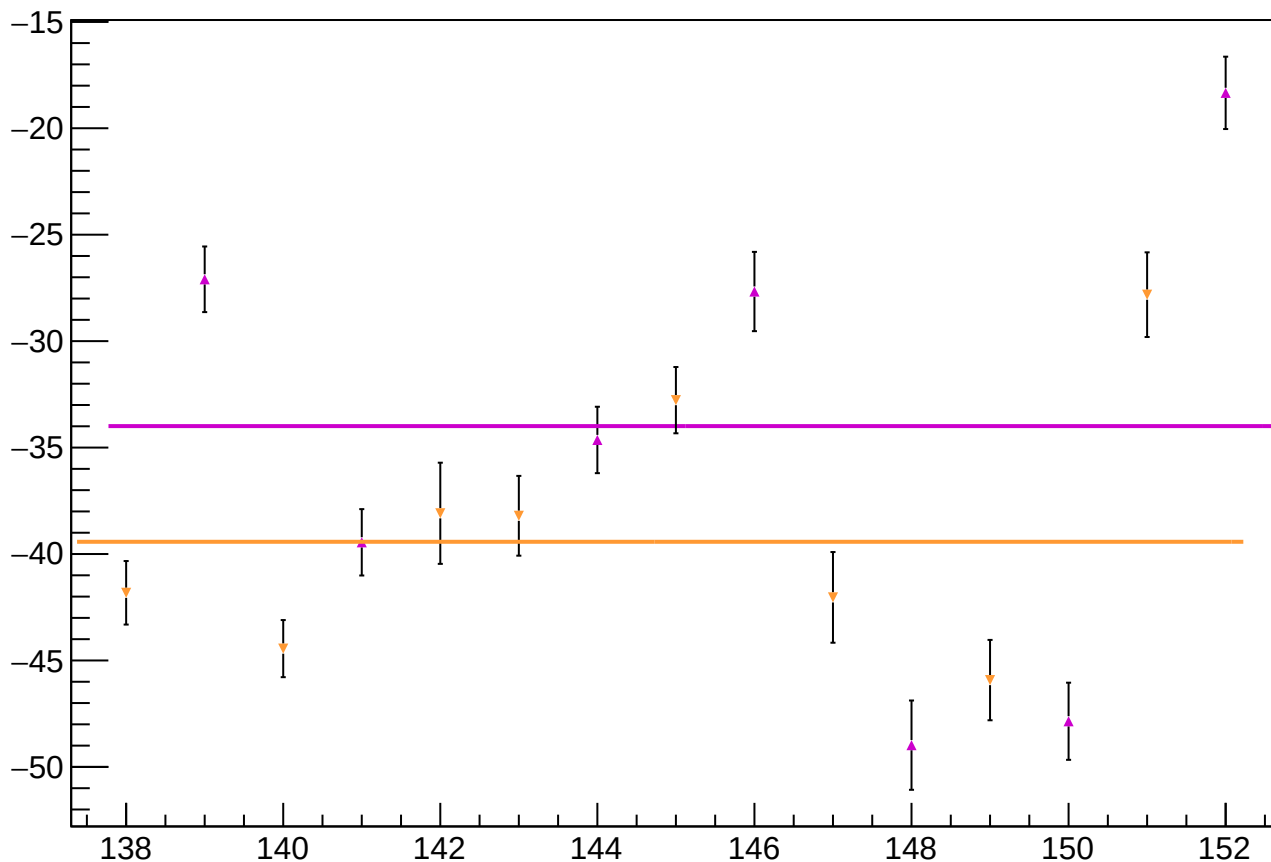
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16
 Left Out: 0.561 ± 0.009 χ^2/NDF : 162.7/7
 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: 0.557 ± 0.007 χ^2/NDF : 333.6/14
 Right: 0.056 ± 0.018 χ^2/NDF : 2190.5/35
 In: 0.502 ± 0.009 χ^2/NDF : 1408.7/23
 Out: 0.490 ± 0.009 χ^2/NDF : 1817.9/26
 All: 0.496 ± 0.006 χ^2/NDF : 3227.5/50

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: -39.425+/-0.616 χ^2/NDF : 83.0/7

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: -36.828+/-0.445 χ^2/NDF : 358.6/14

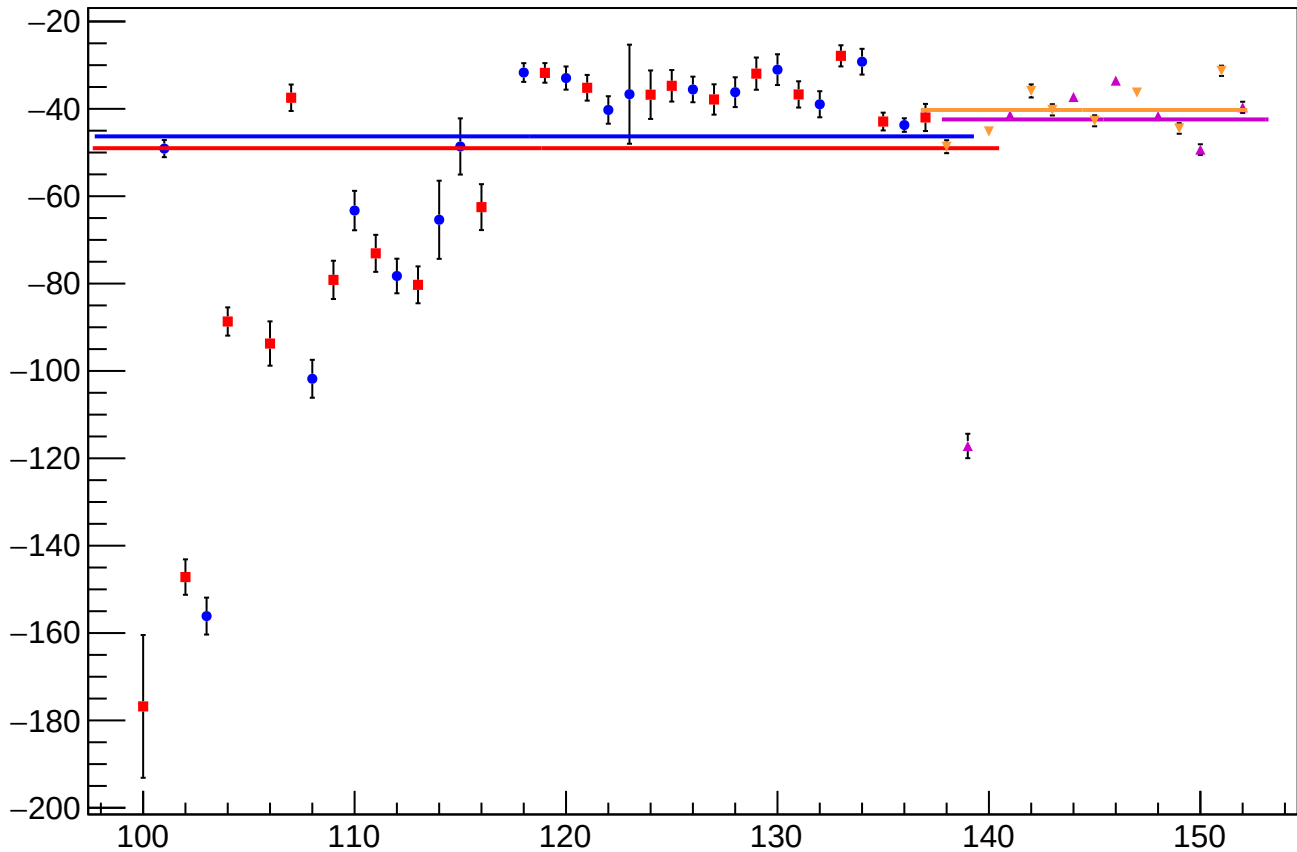
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.991+/-0.644 χ^2/NDF : 238.4/6

Out: -39.425+/-0.616 χ^2/NDF : 83.0/7

All: -36.828+/-0.445 χ^2/NDF : 358.6/14

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.256 ± 0.433 $\chi^2/\text{NDF}: 150.2/7$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

Left In: -42.424 ± 0.459 $\chi^2/\text{NDF}: 836.9/6$

Left: -41.277 ± 0.315 $\chi^2/\text{NDF}: 999.0/14$

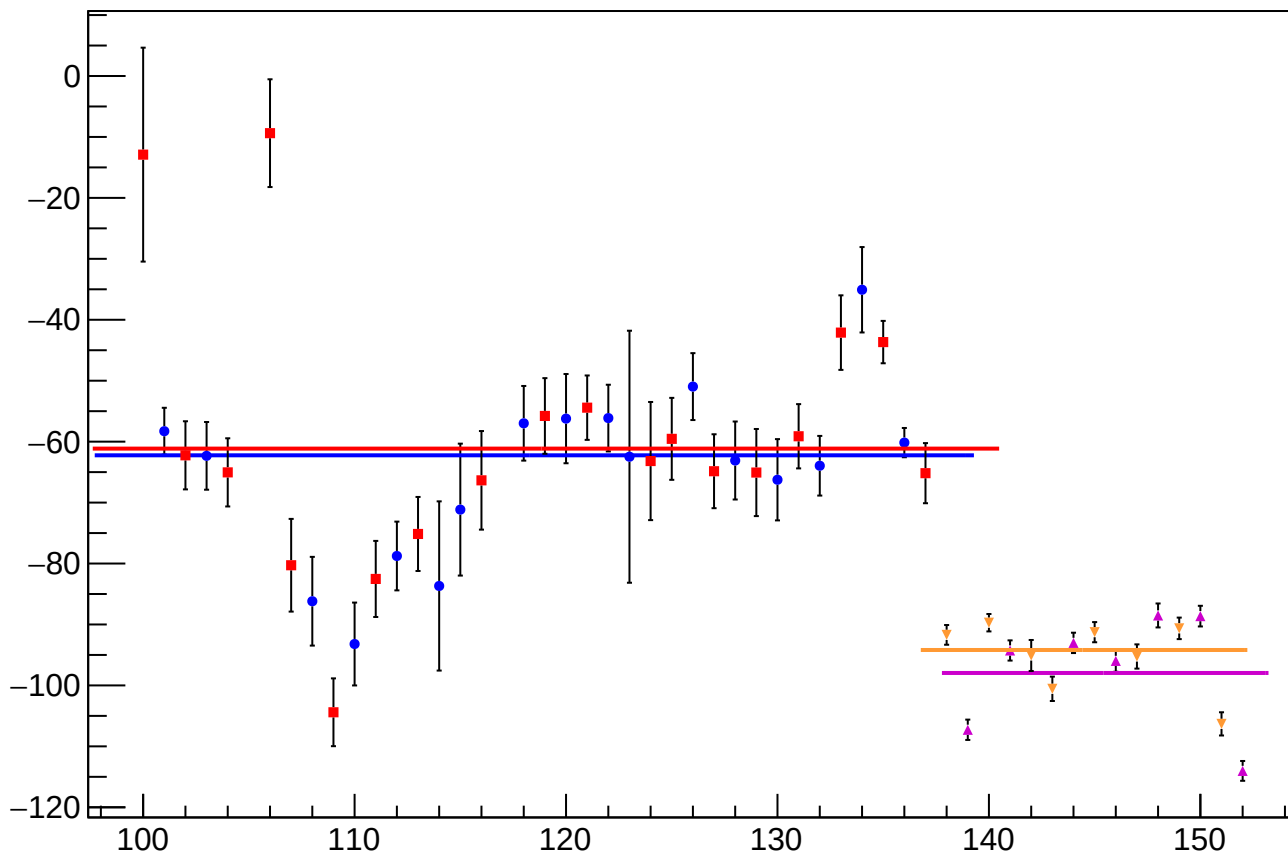
Right: -47.580 ± 0.525 $\chi^2/\text{NDF}: 2362.3/35$

In: -43.538 ± 0.387 $\chi^2/\text{NDF}: 1941.5/23$

Out: -42.385 ± 0.377 $\chi^2/\text{NDF}: 1521.3/26$

All: -42.945 ± 0.270 $\chi^2/\text{NDF}: 3467.3/50$

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: -94.186 ± 0.634 $\chi^2/\text{NDF}: 70.5/7$

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: -96.030 ± 0.453 $\chi^2/\text{NDF}: 285.0/14$

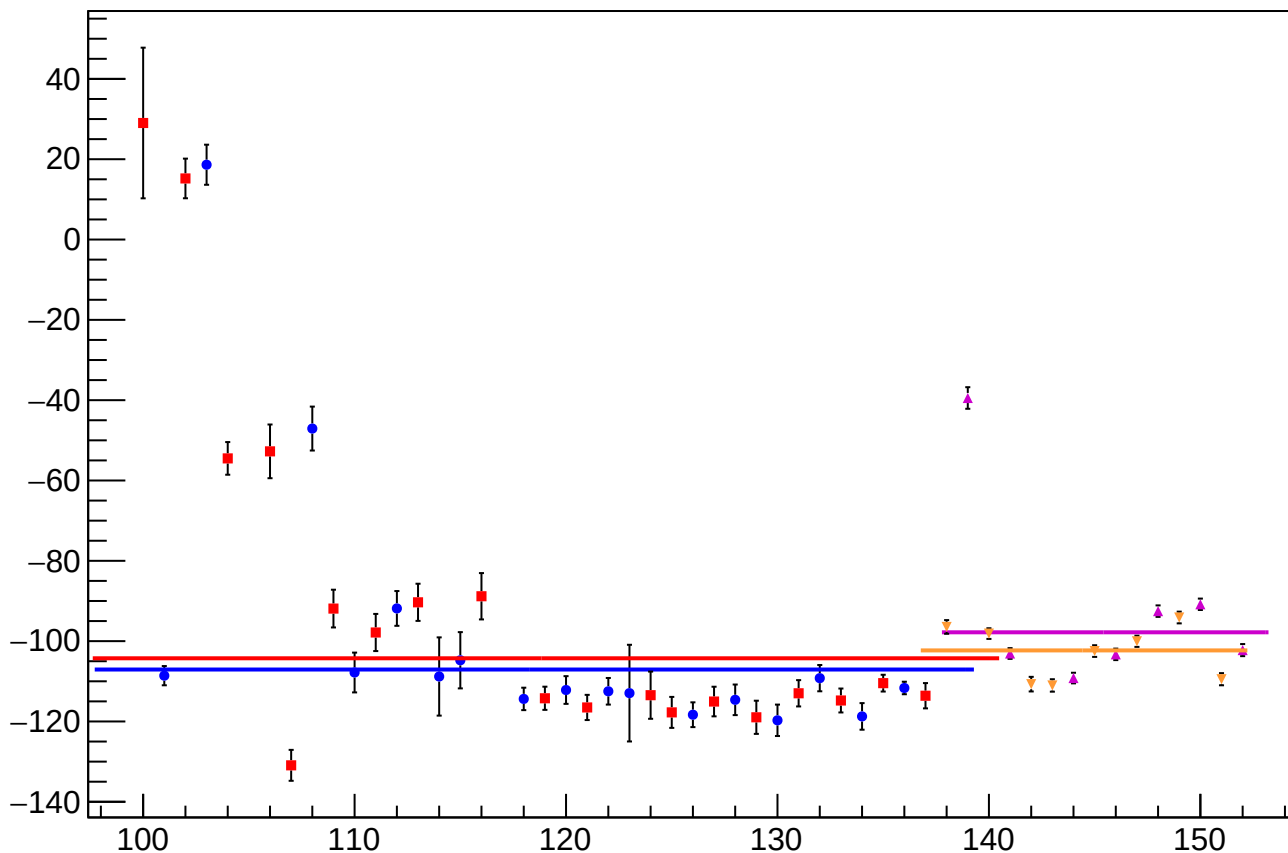
Right: -61.720 ± 0.950 $\chi^2/\text{NDF}: 233.3/35$

In: -90.939 ± 0.581 $\chi^2/\text{NDF}: 861.7/23$

Out: -88.431 ± 0.576 $\chi^2/\text{NDF}: 709.9/26$

All: -89.674 ± 0.409 $\chi^2/\text{NDF}: 1581.1/50$

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: -102.308 ± 0.533 χ^2/NDF : 131.3/7

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: -100.167 ± 0.386 χ^2/NDF : 787.2/14

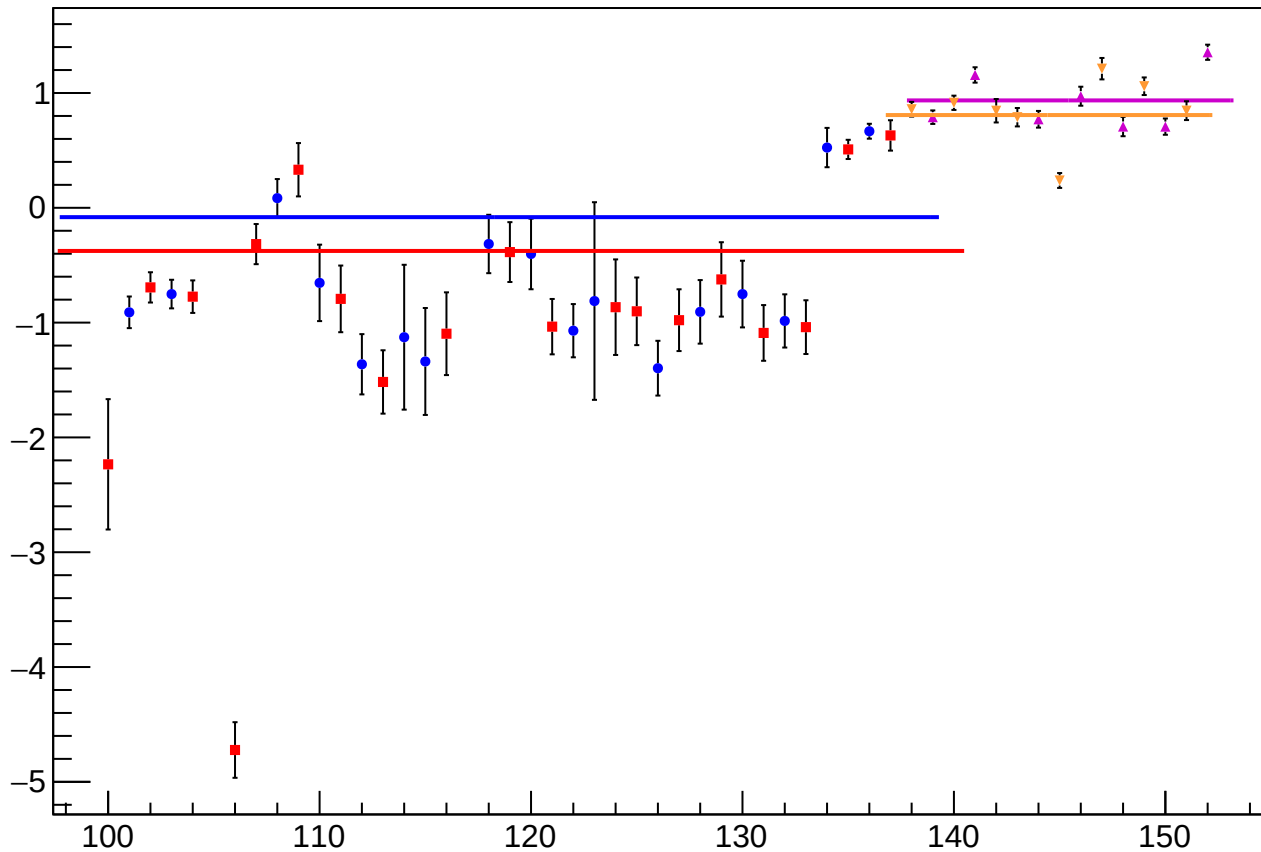
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -100.792 ± 0.461 χ^2/NDF : 1538.5/23

Out: -102.851 ± 0.453 χ^2/NDF : 1153.7/26

All: -101.839 ± 0.323 χ^2/NDF : 2702.4/50

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: 0.808 ± 0.026 χ^2/NDF : 110.7/7

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: 0.871 ± 0.019 χ^2/NDF : 202.6/14

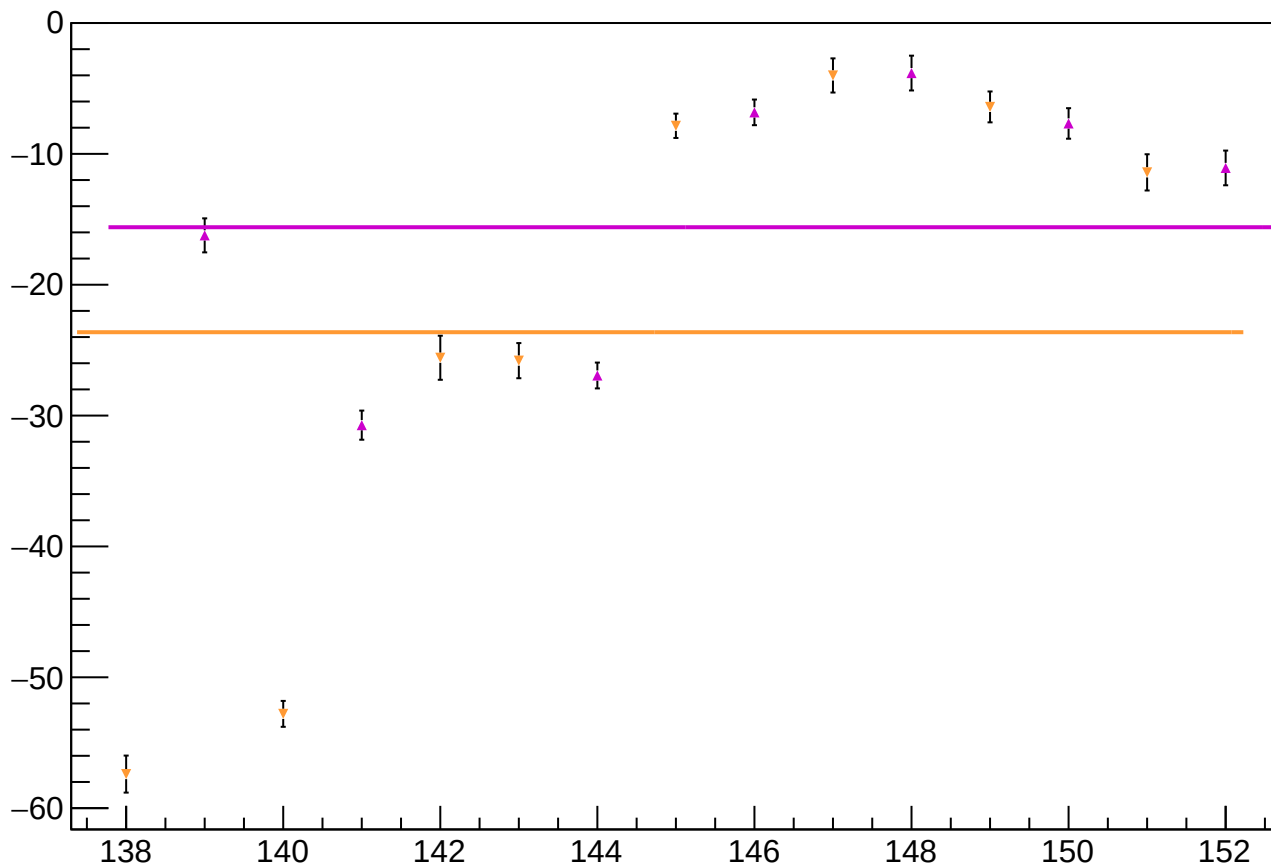
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.646 ± 0.022 χ^2/NDF : 825.4/23

Out: 0.492 ± 0.023 χ^2/NDF : 1226.9/26

All: 0.570 ± 0.016 χ^2/NDF : 2075.7/50

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: -23.628+/-0.430 χ^2/NDF :2246.1/7

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: -19.645+/-0.305 χ^2/NDF : 2952.4/14

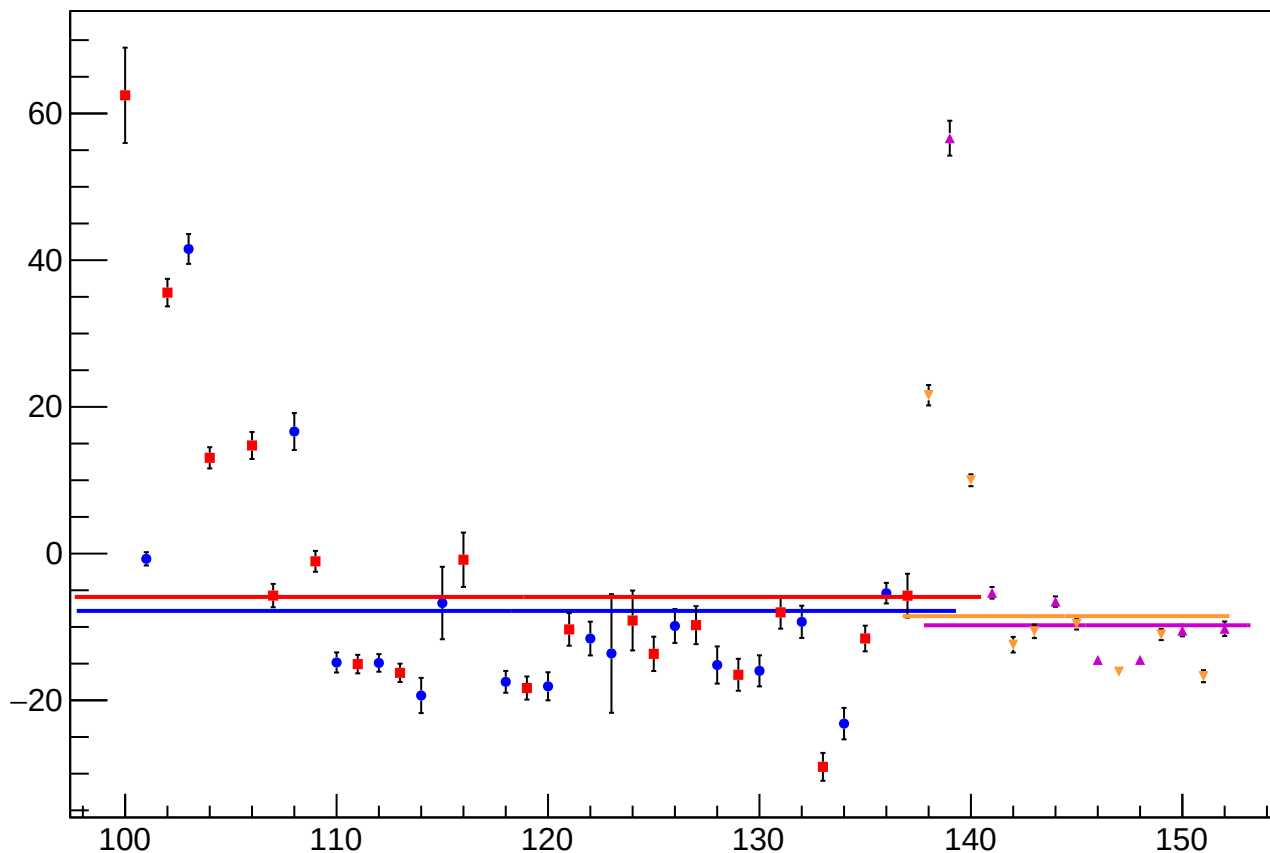
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.606+/-0.433 χ^2/NDF :533.3/6

Out: -23.628+/-0.430 χ^2/NDF :2246.1/7

All: -19.645+/-0.305 χ^2/NDF : 2952.4/14

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: -8.525 ± 0.293 χ^2/NDF : 1271.7/7

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: -9.143 ± 0.208 χ^2/NDF : 2223.7/14

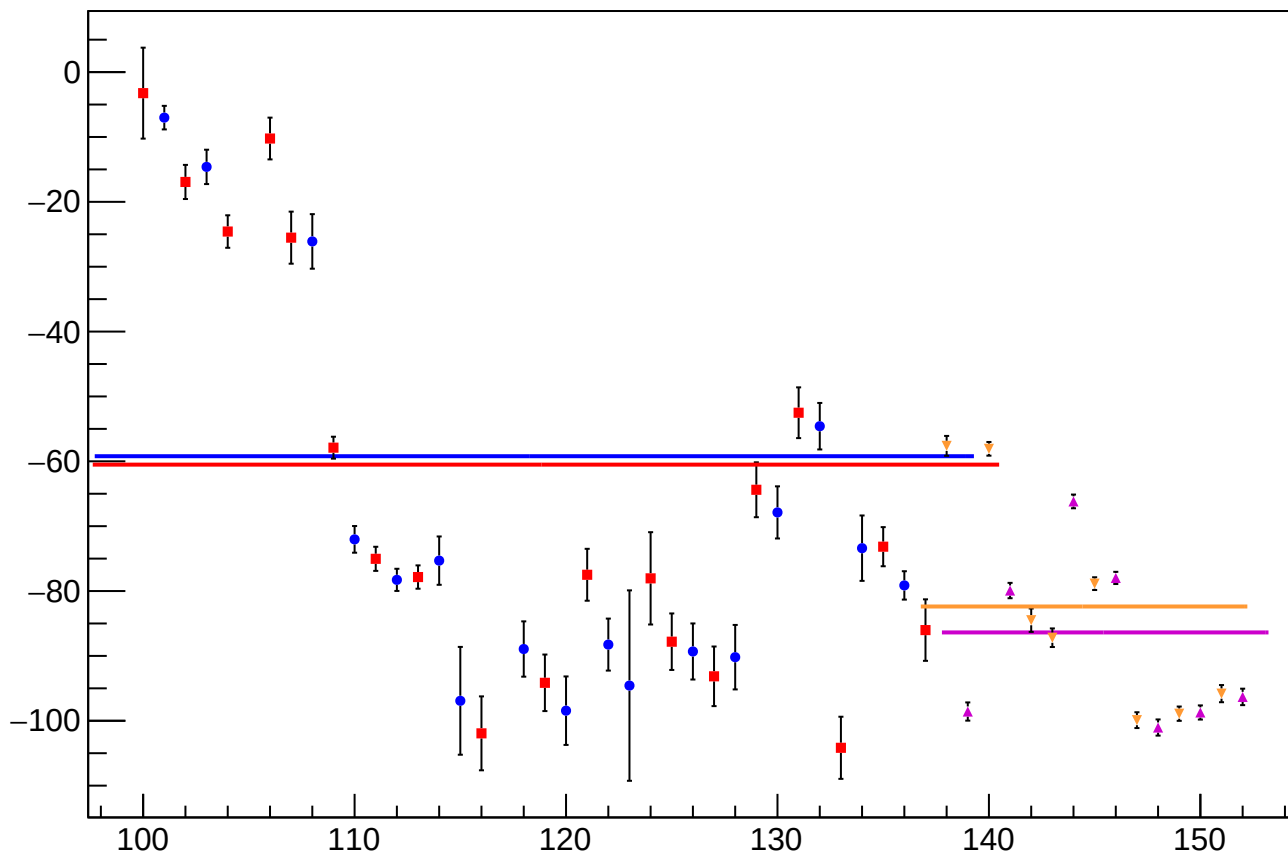
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -9.137 ± 0.243 χ^2/NDF : 1940.0/23

Out: -7.693 ± 0.242 χ^2/NDF : 2590.1/26

All: -8.411 ± 0.172 χ^2/NDF : 4547.8/50

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: -82.383 ± 0.438 χ^2/NDF : 1351.4/7

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: -84.407 ± 0.308 χ^2/NDF : 2270.7/14

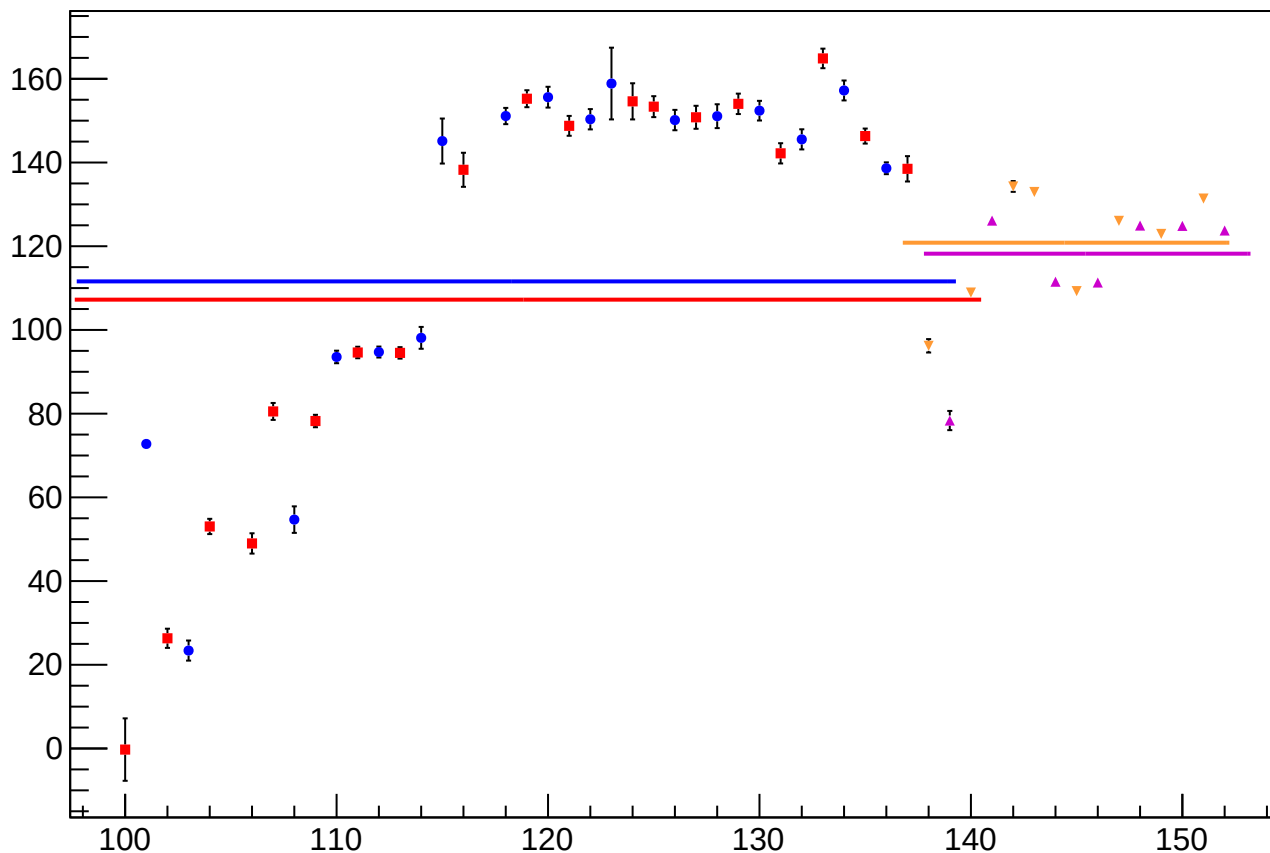
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -79.519 ± 0.374 χ^2/NDF : 3594.7/23

Out: -76.286 ± 0.372 χ^2/NDF : 3431.0/26

All: -77.894 ± 0.264 χ^2/NDF : 7063.2/50

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: 120.845 $\pm$ 0.362 χ^2 /NDF:930.8/7

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: 119.538 $\pm$ 0.257 χ^2 /NDF: 1602.1/14

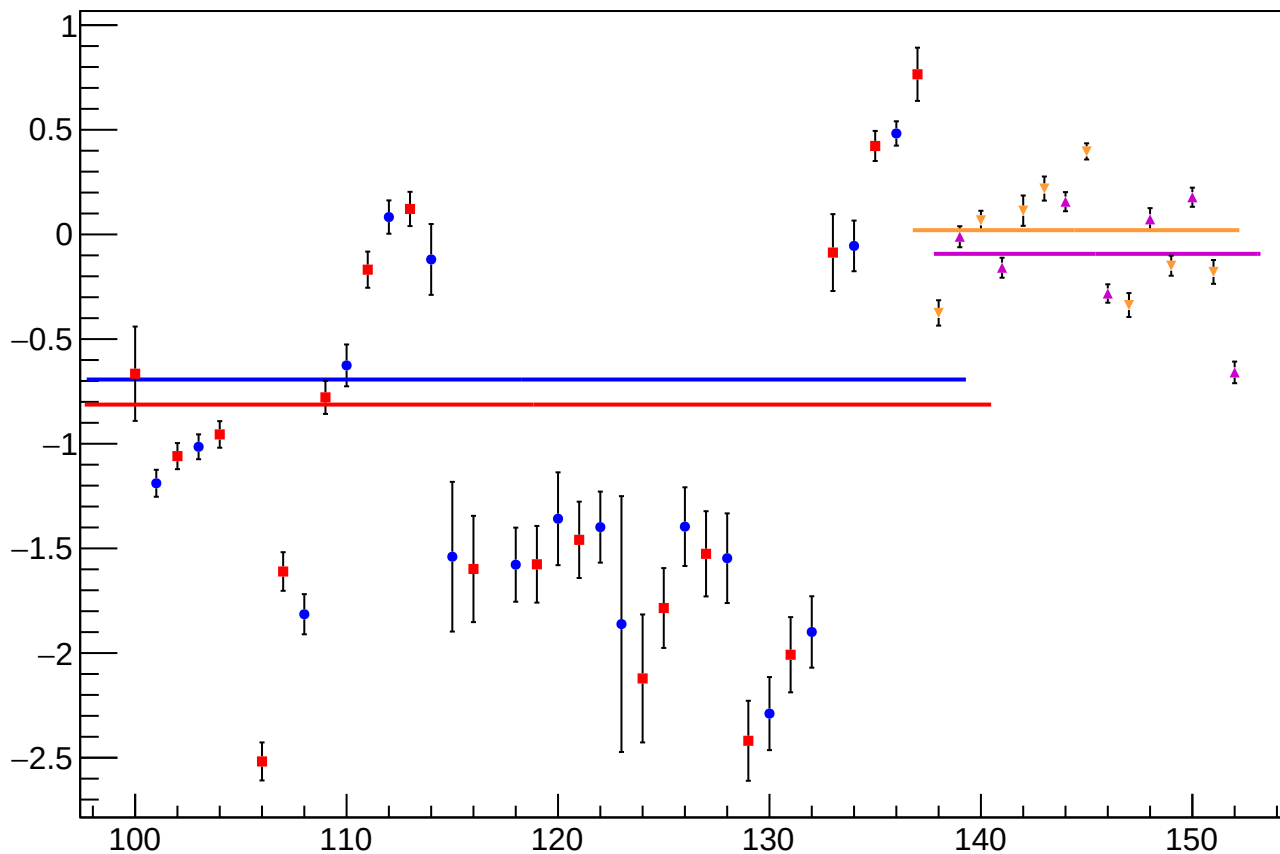
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 115.846 $\pm$ 0.291 χ^2 /NDF:6723.4/23

Out: 116.009 $\pm$ 0.291 χ^2 /NDF:8470.0/26

All: 115.927 $\pm$ 0.206 χ^2 /NDF: 15193.6/50

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: 0.020 ± 0.018 χ^2/NDF : 216.2/7

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: -0.037 ± 0.013 χ^2/NDF : 453.1/14

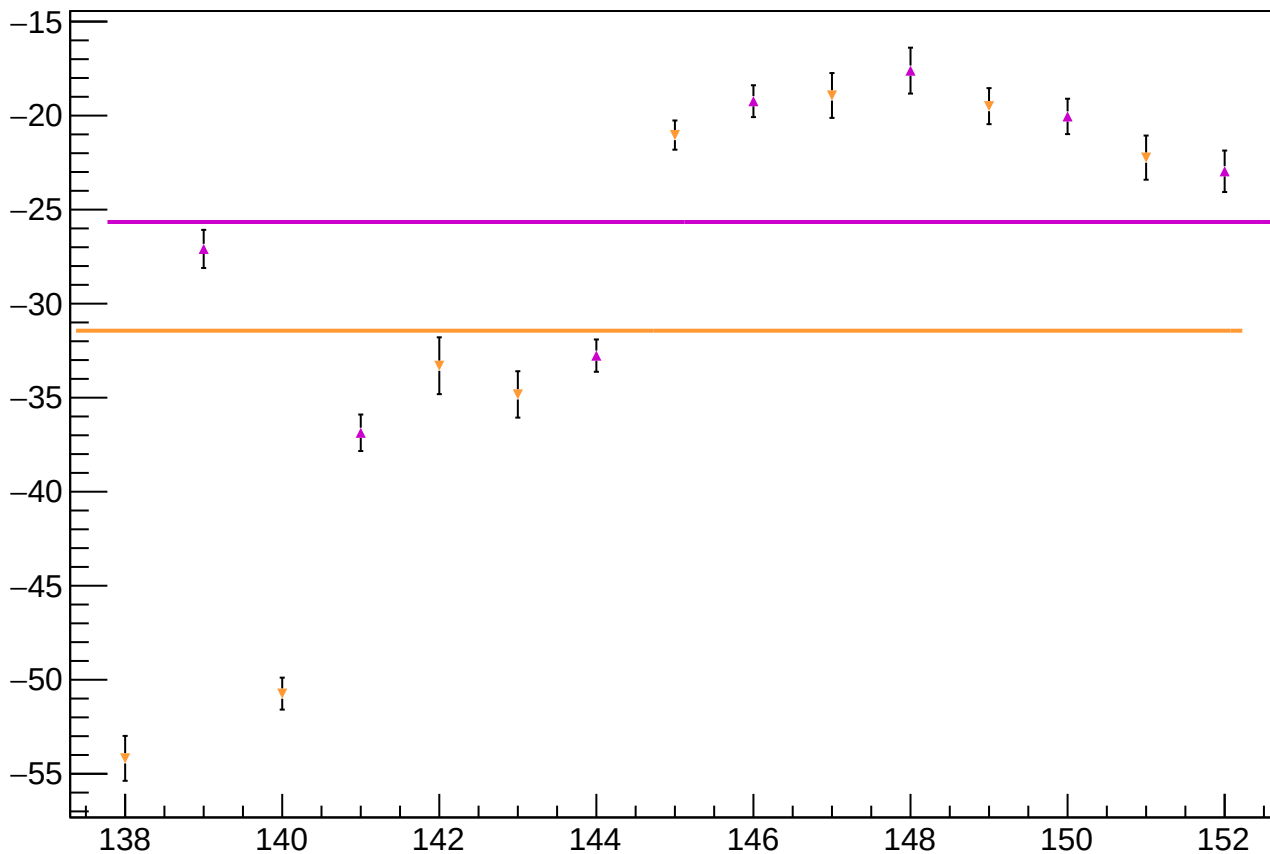
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.292 ± 0.015 χ^2/NDF : 1573.6/23

Out: -0.282 ± 0.015 χ^2/NDF : 2273.6/26

All: -0.287 ± 0.010 χ^2/NDF : 3847.4/50

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.439+/-0.369 χ^2/NDF :1393.8/7

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

Left In: -25.658+/-0.367 χ^2/NDF :346.3/6

Left: -28.538+/-0.260 χ^2/NDF : 1863.5/14

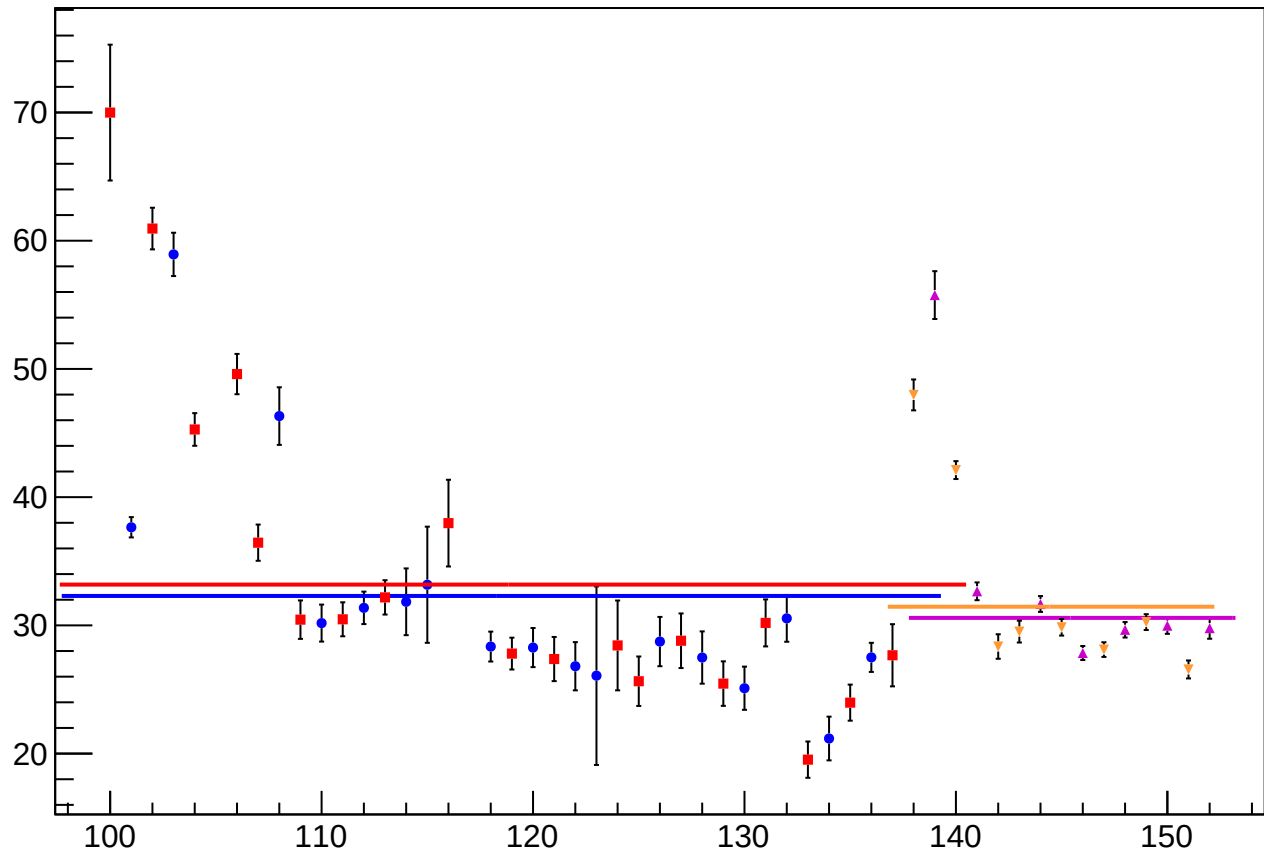
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.658+/-0.367 χ^2/NDF :346.3/6

Out: -31.439+/-0.369 χ^2/NDF :1393.8/7

All: -28.538+/-0.260 χ^2/NDF : 1863.5/14

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.455 ± 0.255 $\chi^2/\text{NDF}: 530.3/7$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

Left In: 30.584 ± 0.258 $\chi^2/\text{NDF}: 223.7/6$

Left: 31.024 ± 0.181 $\chi^2/\text{NDF}: 759.8/14$

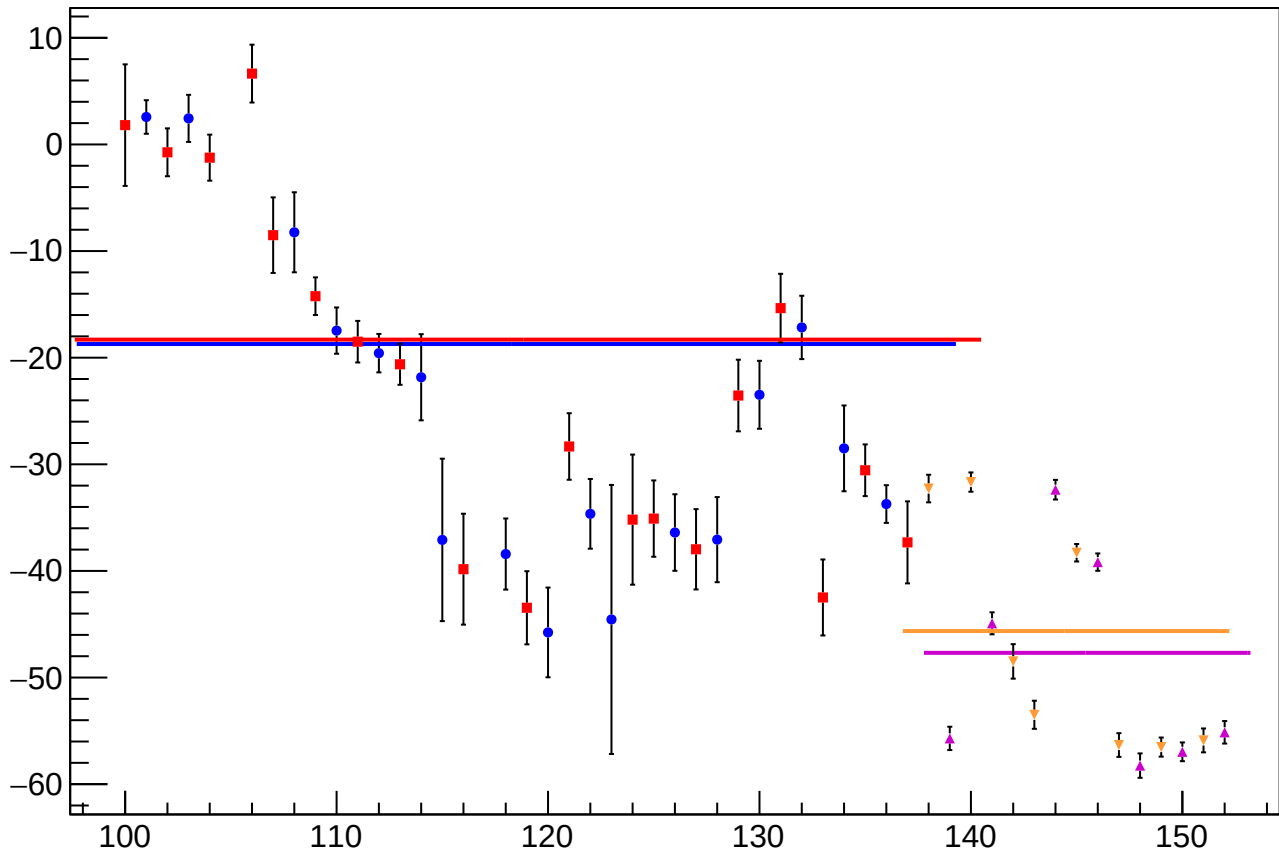
Right: 32.730 ± 0.266 $\chi^2/\text{NDF}: 1225.3/35$

In: 31.138 ± 0.212 $\chi^2/\text{NDF}: 690.1/23$

Out: 31.993 ± 0.212 $\chi^2/\text{NDF}: 1314.8/26$

All: 31.566 ± 0.150 $\chi^2/\text{NDF}: 2013.1/50$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -45.640 ± 0.375 χ^2/NDF : 787.2/7

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

Left In: -47.683 ± 0.367 χ^2/NDF : 692.9/6

Left: -46.683 ± 0.262 χ^2/NDF : 1495.2/14

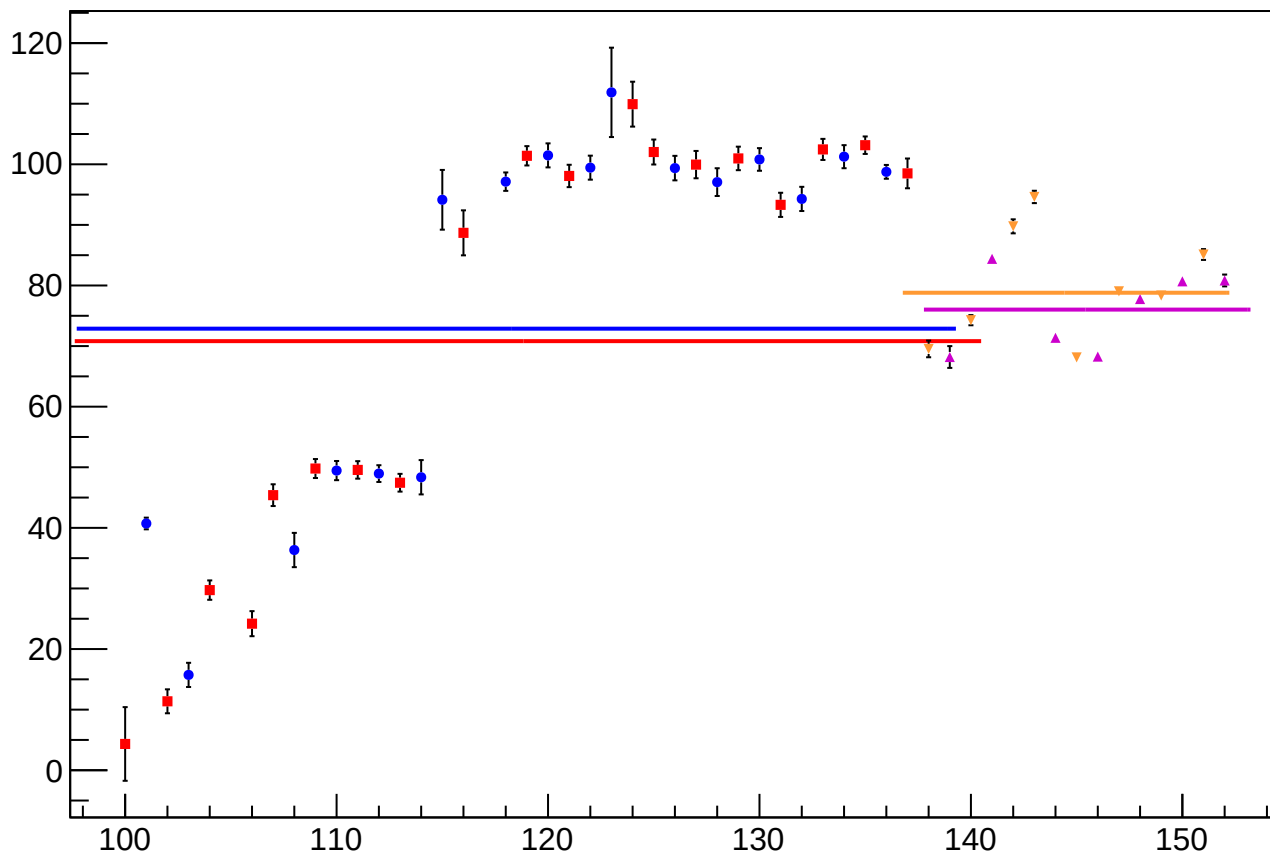
Right: -18.506 ± 0.463 χ^2/NDF : 992.4/35

In: -40.921 ± 0.322 χ^2/NDF : 2664.7/23

Out: -38.712 ± 0.324 χ^2/NDF : 2606.7/26

All: -39.825 ± 0.228 χ^2/NDF : 5294.8/50

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: 78.804+/-0.314 χ^2/NDF : 662.6/7

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: 77.414+/-0.222 χ^2/NDF : 1063.3/14

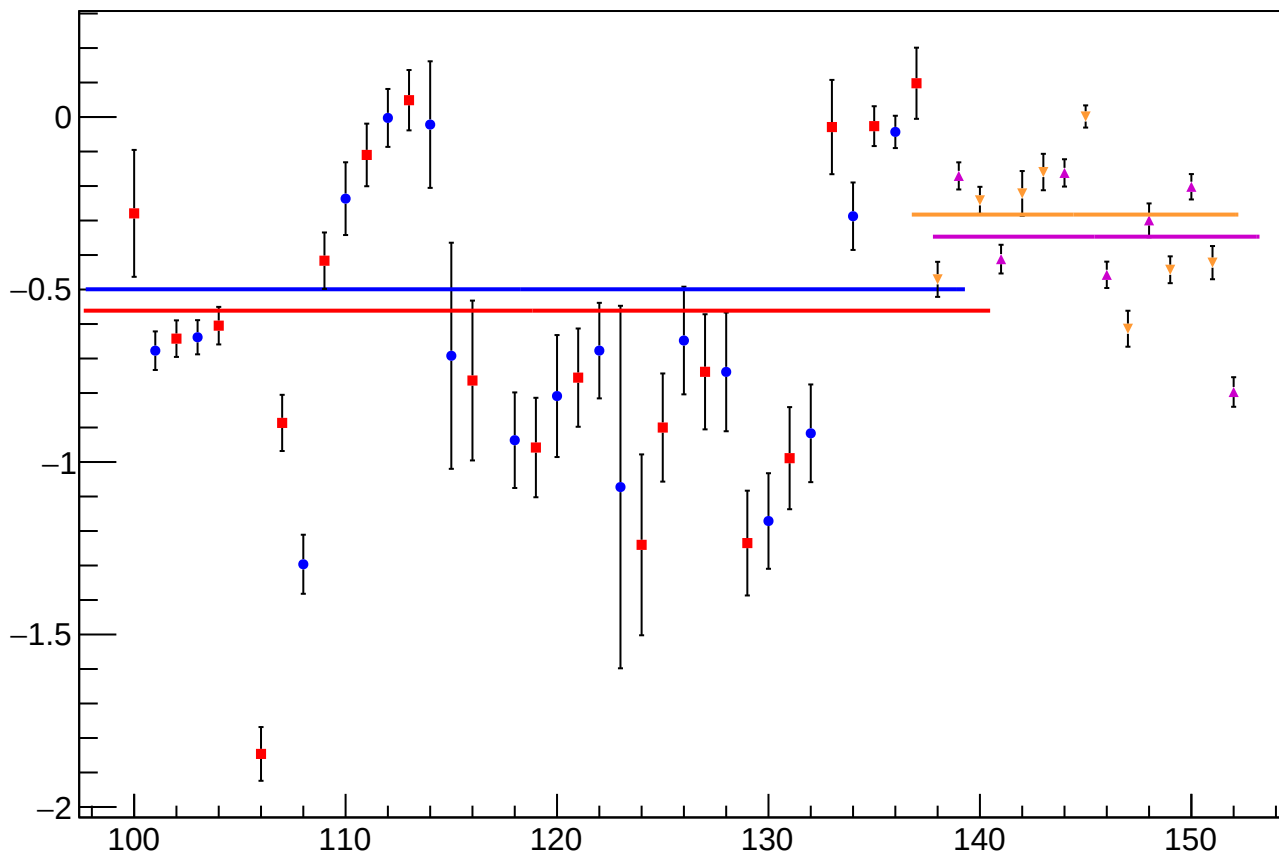
Right: 71.863+/-0.304 χ^2/NDF : 10238.7/35

In: 74.913+/-0.253 χ^2/NDF : 5134.6/23

Out: 76.057+/-0.254 χ^2/NDF : 6375.0/26

All: 75.482+/-0.179 χ^2/NDF : 11519.8/50

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: -0.283 ± 0.016 χ^2/NDF : 164.8/7

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: -0.315 ± 0.011 χ^2/NDF : 352.6/14

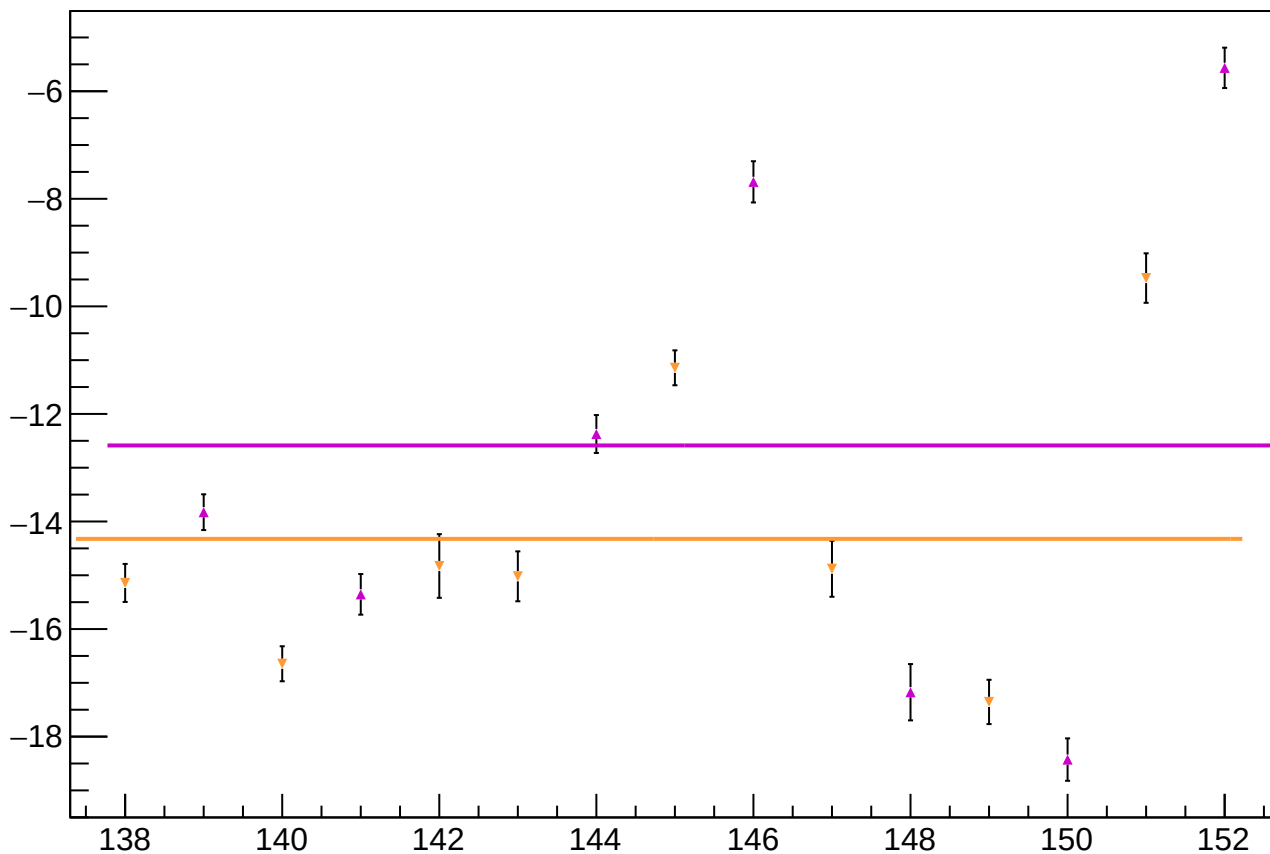
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.396 ± 0.013 χ^2/NDF : 514.5/23

Out: -0.380 ± 0.013 χ^2/NDF : 837.3/26

All: -0.388 ± 0.009 χ^2/NDF : 1352.6/50

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: -14.323+/-0.143 χ^2/NDF :321.7/7

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: -13.460+/-0.102 χ^2/NDF : 1271.7/14

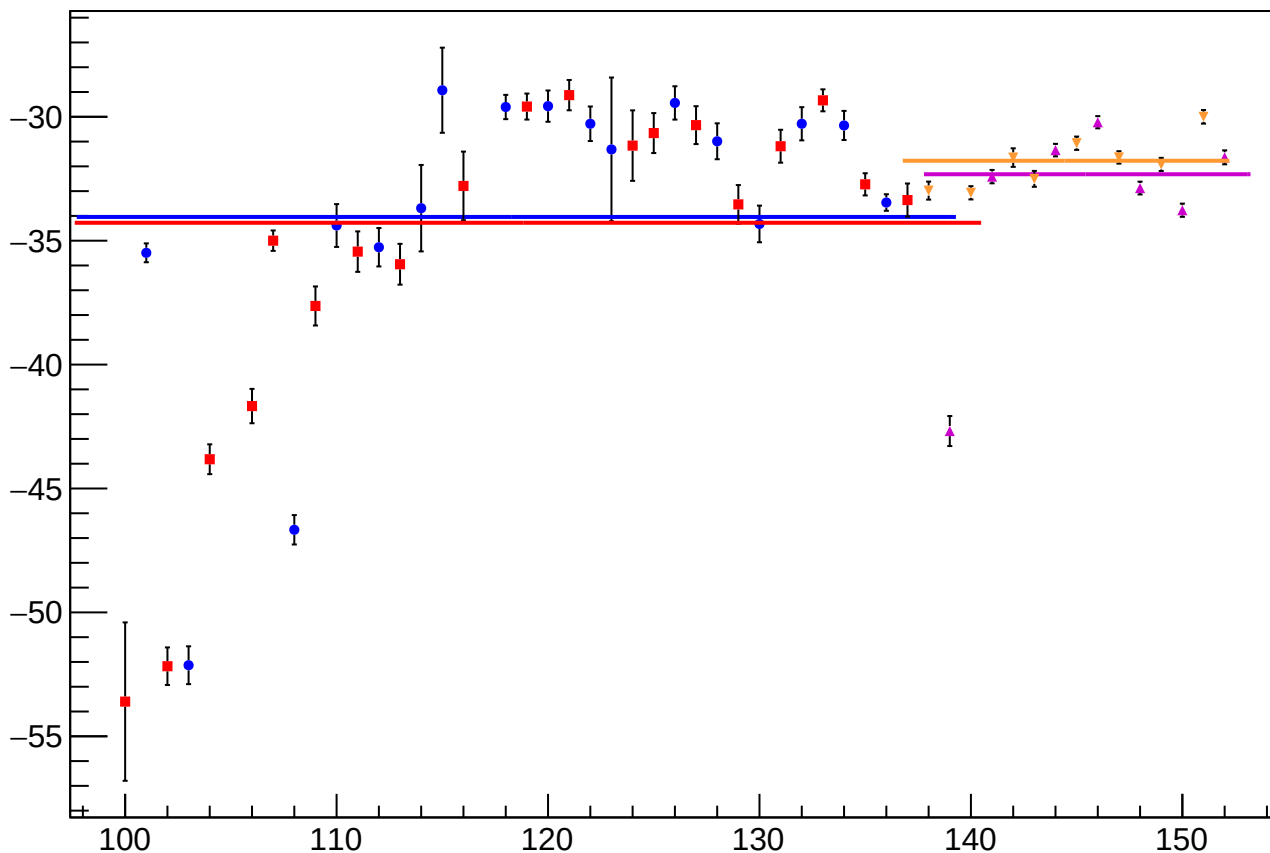
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.586+/-0.144 χ^2/NDF :877.1/6

Out: -14.323+/-0.143 χ^2/NDF :321.7/7

All: -13.460+/-0.102 χ^2/NDF : 1271.7/14

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: -31.774 ± 0.102 χ^2/NDF : 88.9/7

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: -32.038 ± 0.073 χ^2/NDF : 523.1/14

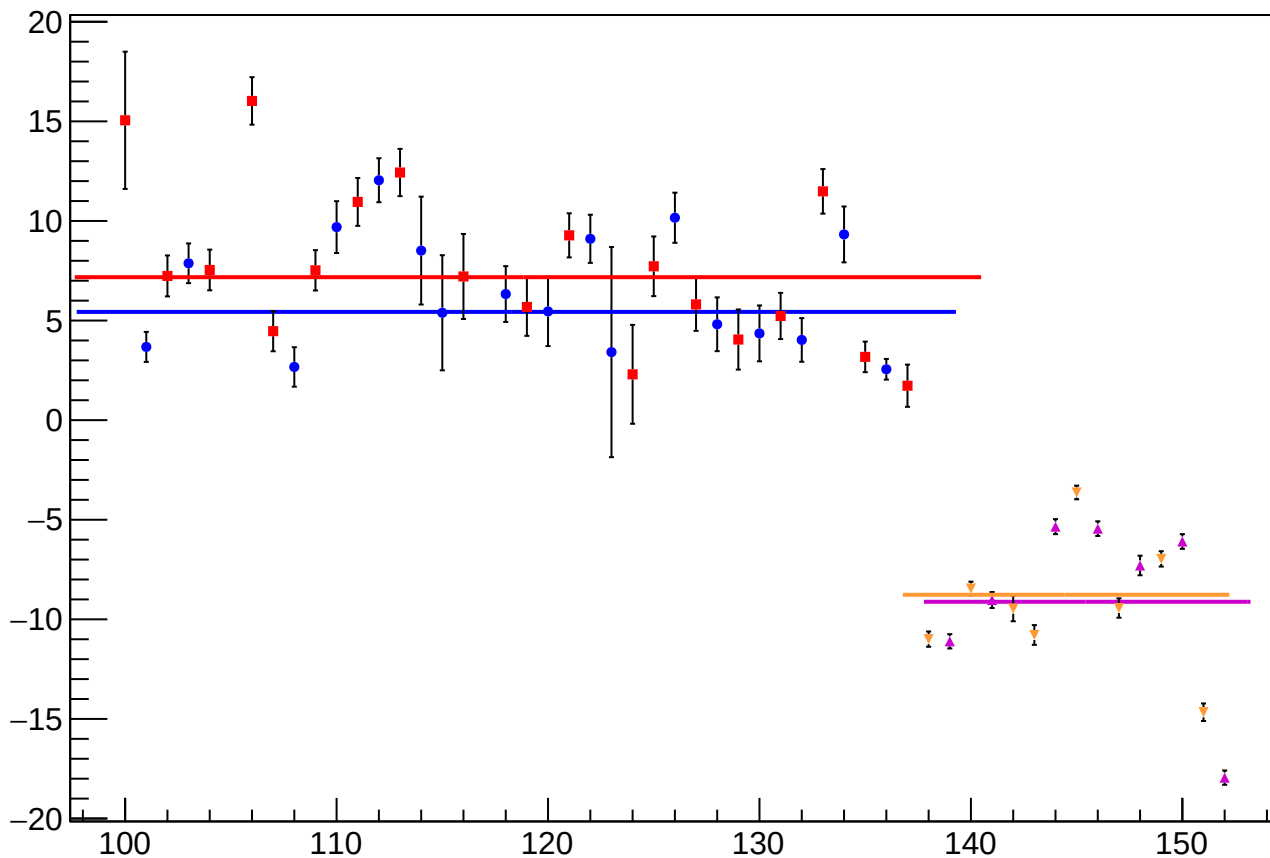
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -32.884 ± 0.086 χ^2/NDF : 1849.1/23

Out: -32.562 ± 0.085 χ^2/NDF : 1627.1/26

All: -32.720 ± 0.060 χ^2/NDF : 3483.3/50

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -8.767 $\pm$ 0.147 χ^2 /NDF:479.8/7

Right Out: 7.177 $\pm$ 0.274 χ^2 /NDF: 182.6/18

Left In: -9.119 $\pm$ 0.145 χ^2 /NDF:915.7/6

Left: -8.945 $\pm$ 0.103 χ^2 /NDF: 1398.4/14

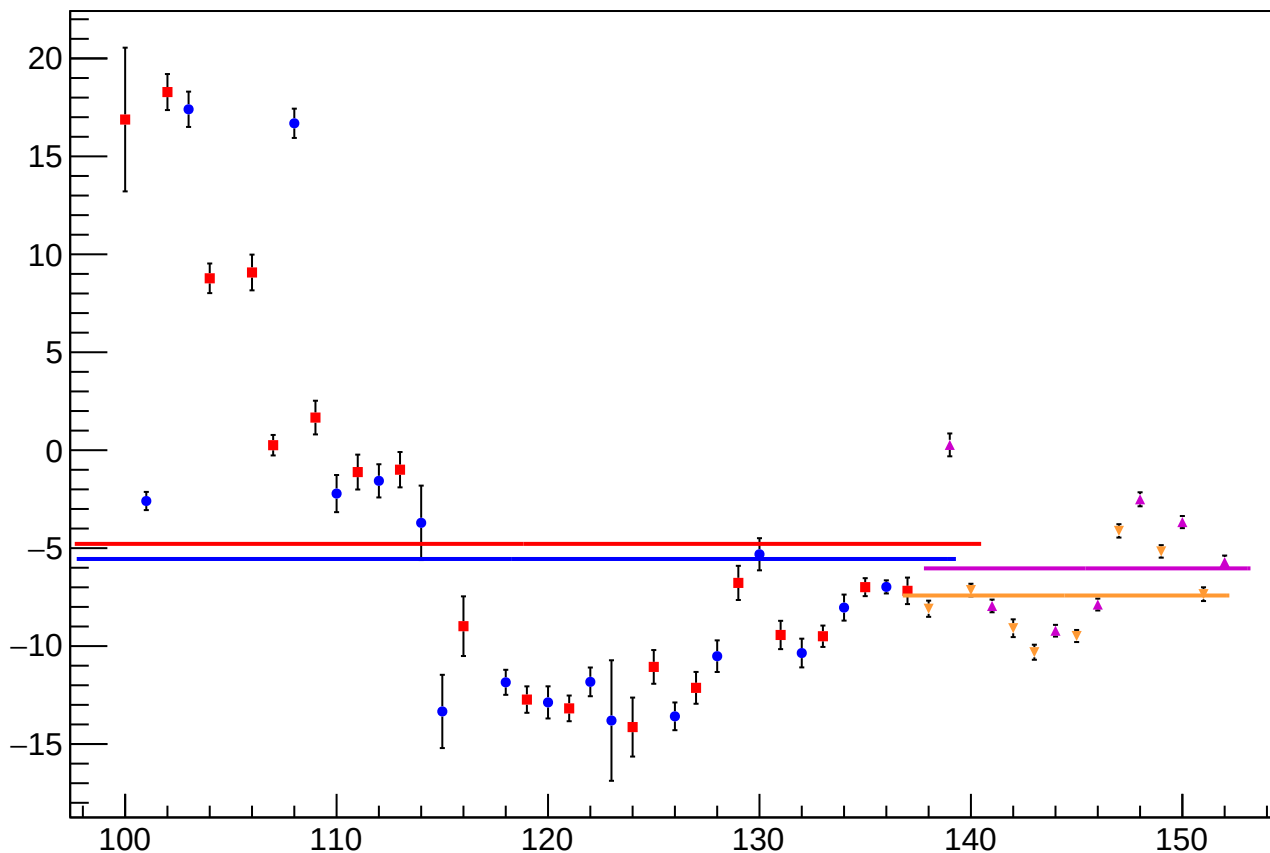
Right: 6.291 $\pm$ 0.192 χ^2 /NDF: 335.1/35

In: -5.854 $\pm$ 0.128 χ^2 /NDF:3308.6/23

Out: -5.209 $\pm$ 0.130 χ^2 /NDF:3289.6/26

All: -5.536 $\pm$ 0.091 χ^2 /NDF: 6610.8/50

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -7.417 ± 0.125 $\chi^2/\text{NDF}: 261.3/7$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

Left In: -6.033 ± 0.127 $\chi^2/\text{NDF}: 457.9/6$

Left: -6.738 ± 0.089 $\chi^2/\text{NDF}: 779.4/14$

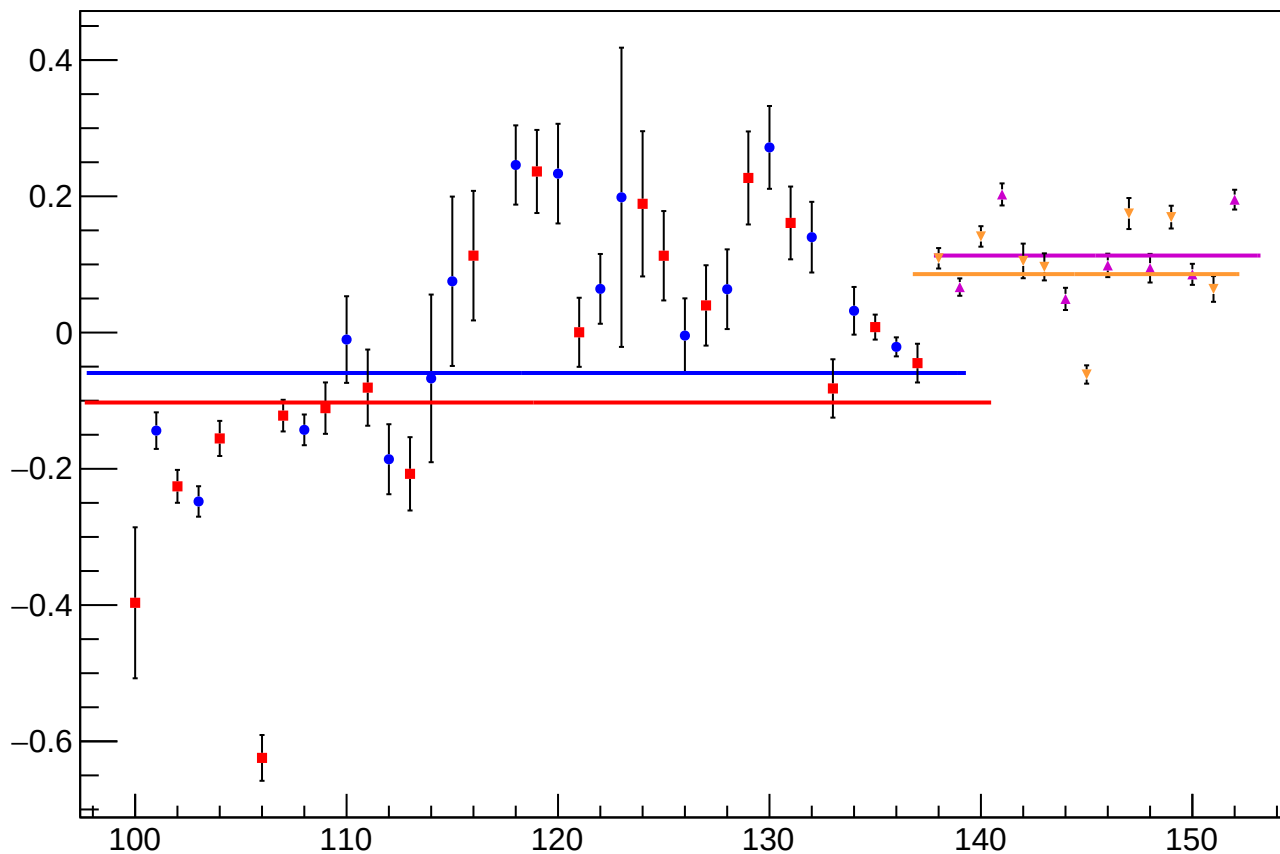
Right: -5.174 ± 0.121 $\chi^2/\text{NDF}: 4175.8/35$

In: -5.861 ± 0.102 $\chi^2/\text{NDF}: 2588.3/23$

Out: -6.512 ± 0.101 $\chi^2/\text{NDF}: 2454.4/26$

All: -6.188 ± 0.072 $\chi^2/\text{NDF}: 5063.3/50$

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: 0.086 ± 0.006 χ^2/NDF : 178.5/7

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: 0.100 ± 0.004 χ^2/NDF : 284.4/14

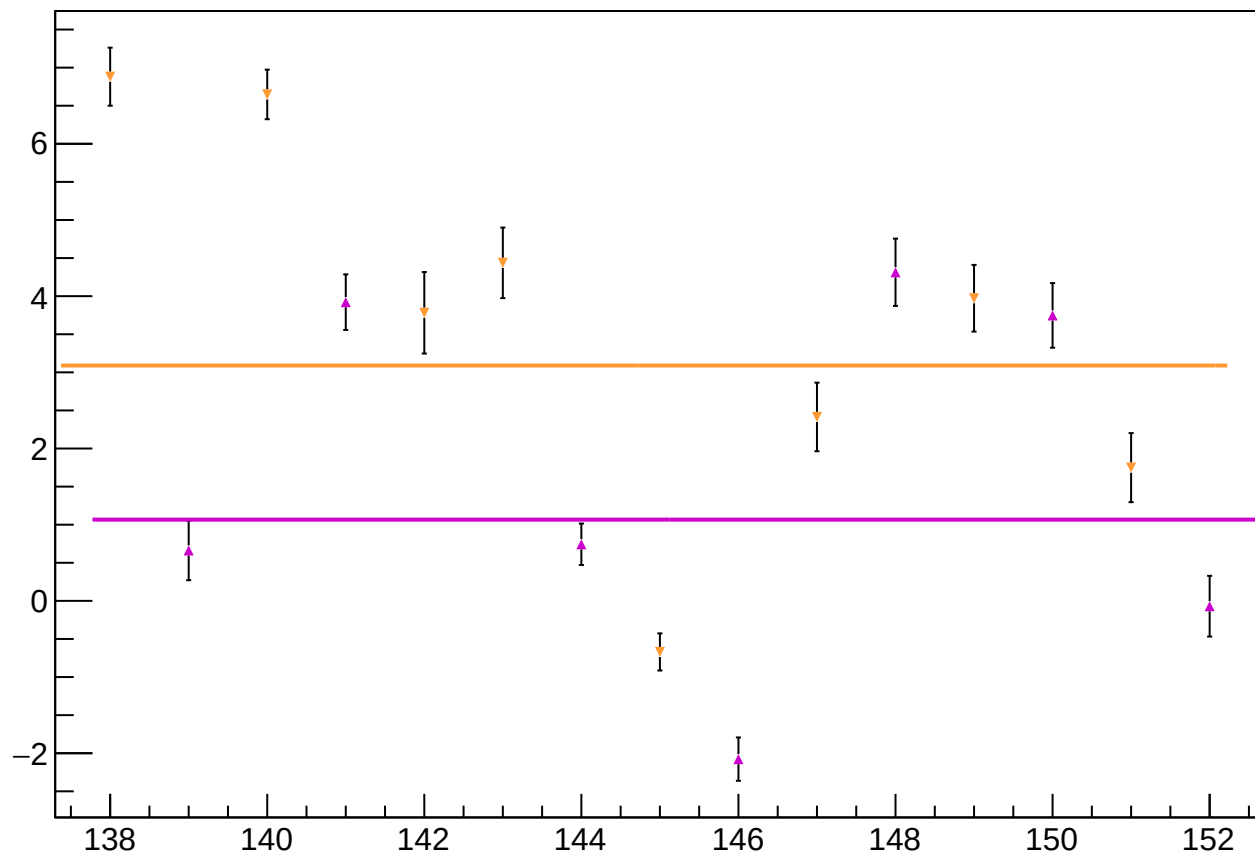
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.055 ± 0.005 χ^2/NDF : 594.3/23

Out: 0.021 ± 0.005 χ^2/NDF : 942.3/26

All: 0.038 ± 0.003 χ^2/NDF : 1561.6/50

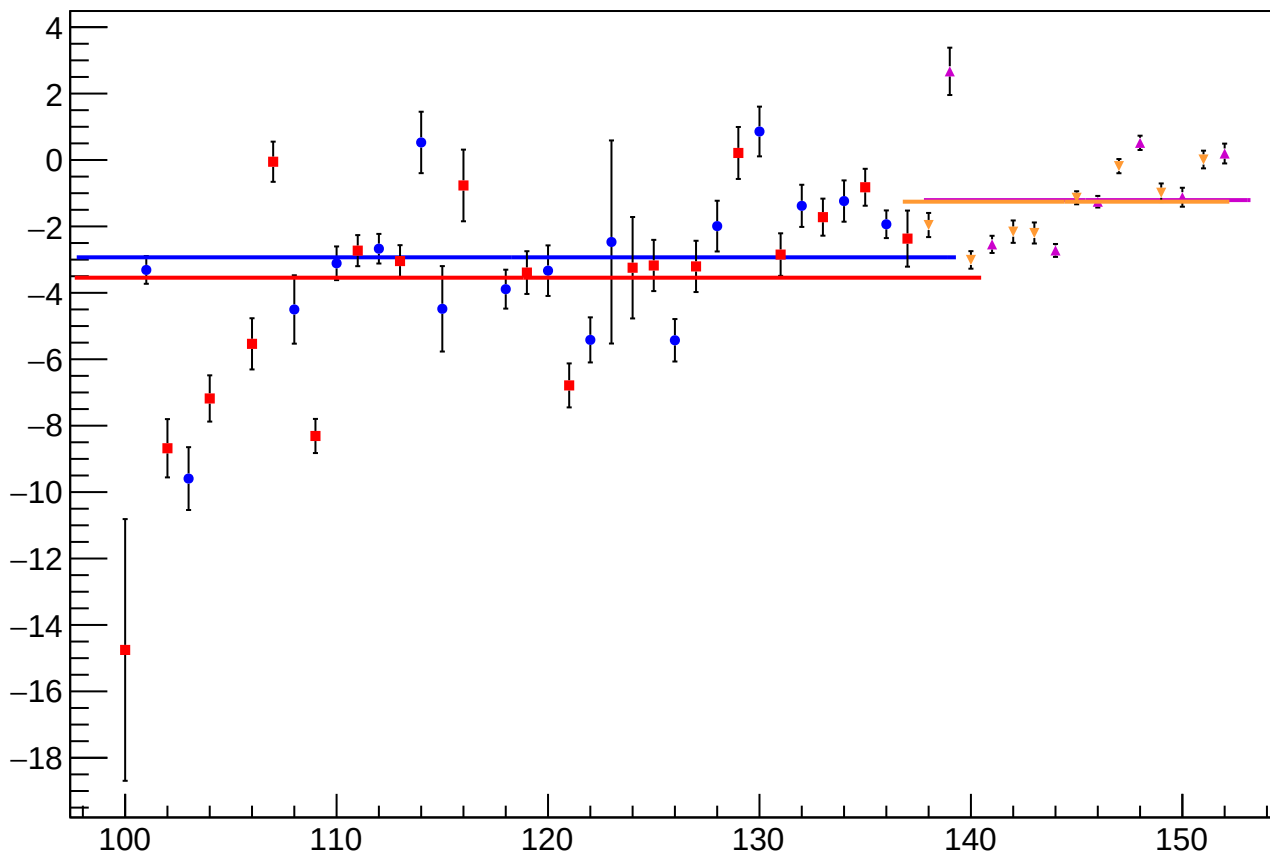
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.090 $\pm$ 0.133 χ^2 /NDF:481.6/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6

Left: 2.073 $\pm$ 0.094 χ^2 /NDF: 885.5/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6
 Out: 3.090 $\pm$ 0.133 χ^2 /NDF:481.6/7
 All: 2.073 $\pm$ 0.094 χ^2 /NDF: 885.5/14

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: -1.255 ± 0.093 χ^2/NDF : 112.9/7

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: -1.231 ± 0.065 χ^2/NDF : 316.4/14

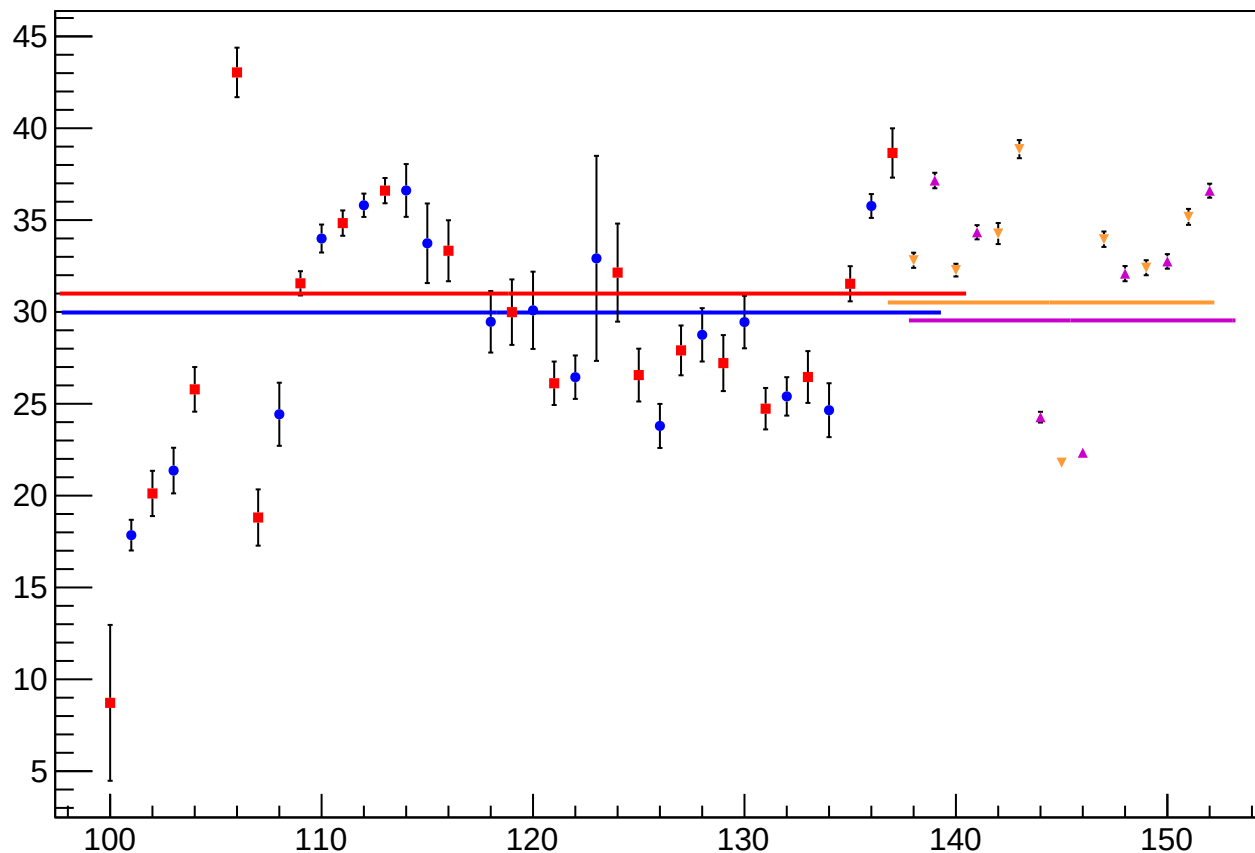
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -1.652 ± 0.078 χ^2/NDF : 442.7/23

Out: -1.864 ± 0.080 χ^2/NDF : 565.4/26

All: -1.756 ± 0.056 χ^2/NDF : 1011.8/50

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: 30.515 $\pm$ 0.137 χ^2 /NDF:1716.6/7

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: 30.011 $\pm$ 0.096 χ^2 /NDF: 3689.4/14

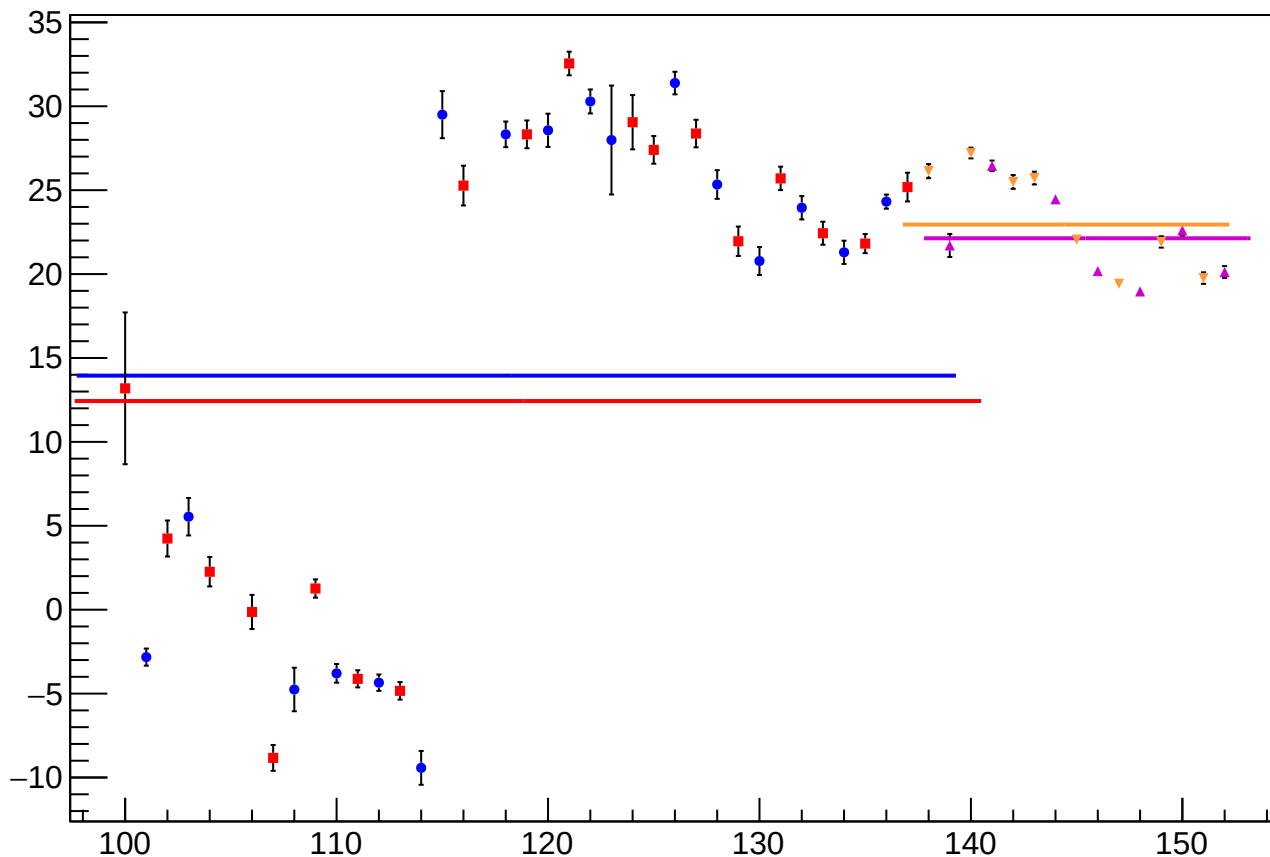
Right: 30.497 $\pm$ 0.186 χ^2 /NDF: 1041.5/35

In: 29.624 $\pm$ 0.119 χ^2 /NDF:2503.1/23

Out: 30.620 $\pm$ 0.121 χ^2 /NDF:2198.8/26

All: 30.113 $\pm$ 0.085 χ^2 /NDF: 4736.3/50

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: 22.950 $\pm$ 0.114 χ^2 /NDF:580.1/7

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: 22.532 $\pm$ 0.080 χ^2 /NDF: 1124.5/14

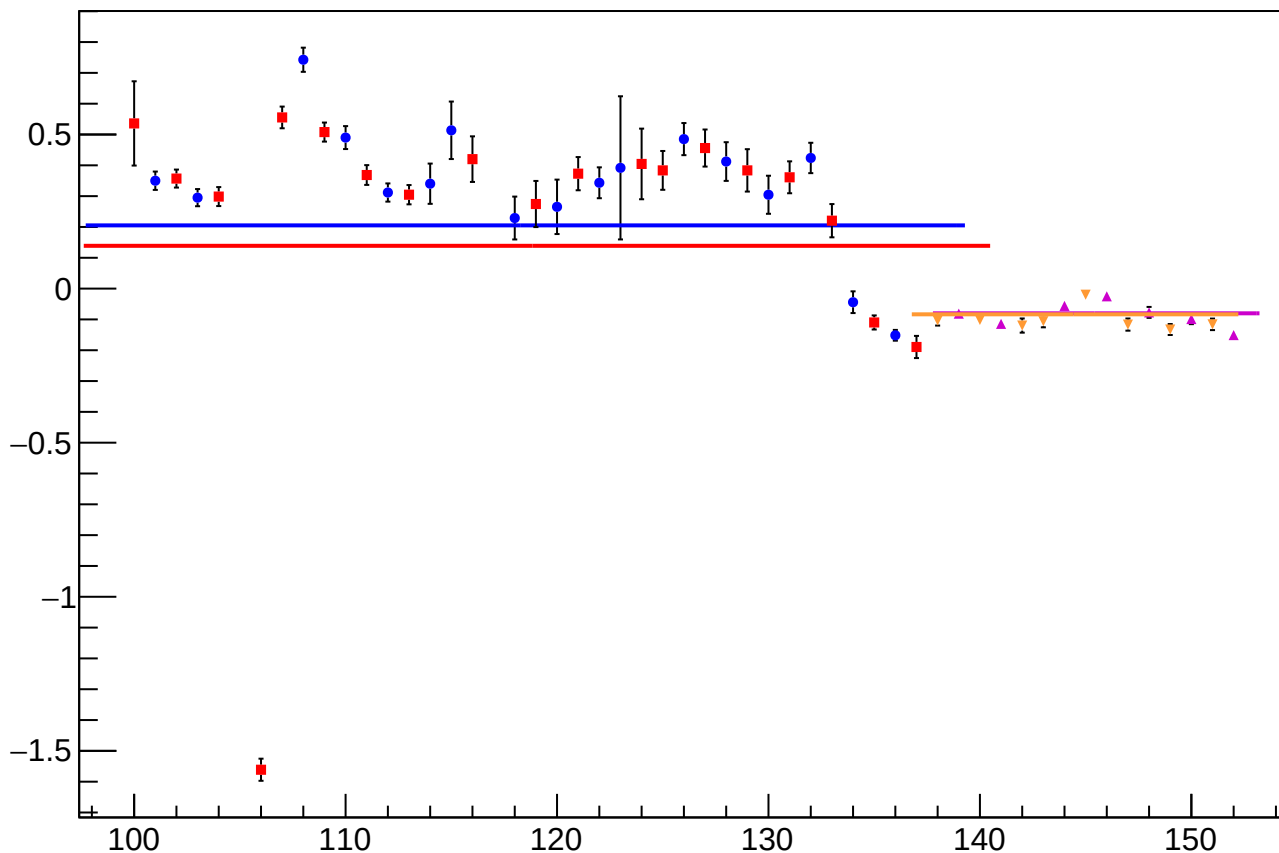
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 19.703 $\pm$ 0.094 χ^2 /NDF:9502.9/23

Out: 19.769 $\pm$ 0.096 χ^2 /NDF:10099.7/26

All: 19.735 $\pm$ 0.067 χ^2 /NDF: 19602.8/50

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: -0.083 ± 0.006 χ^2/NDF : 59.4/7

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: -0.082 ± 0.004 χ^2/NDF : 109.0/14

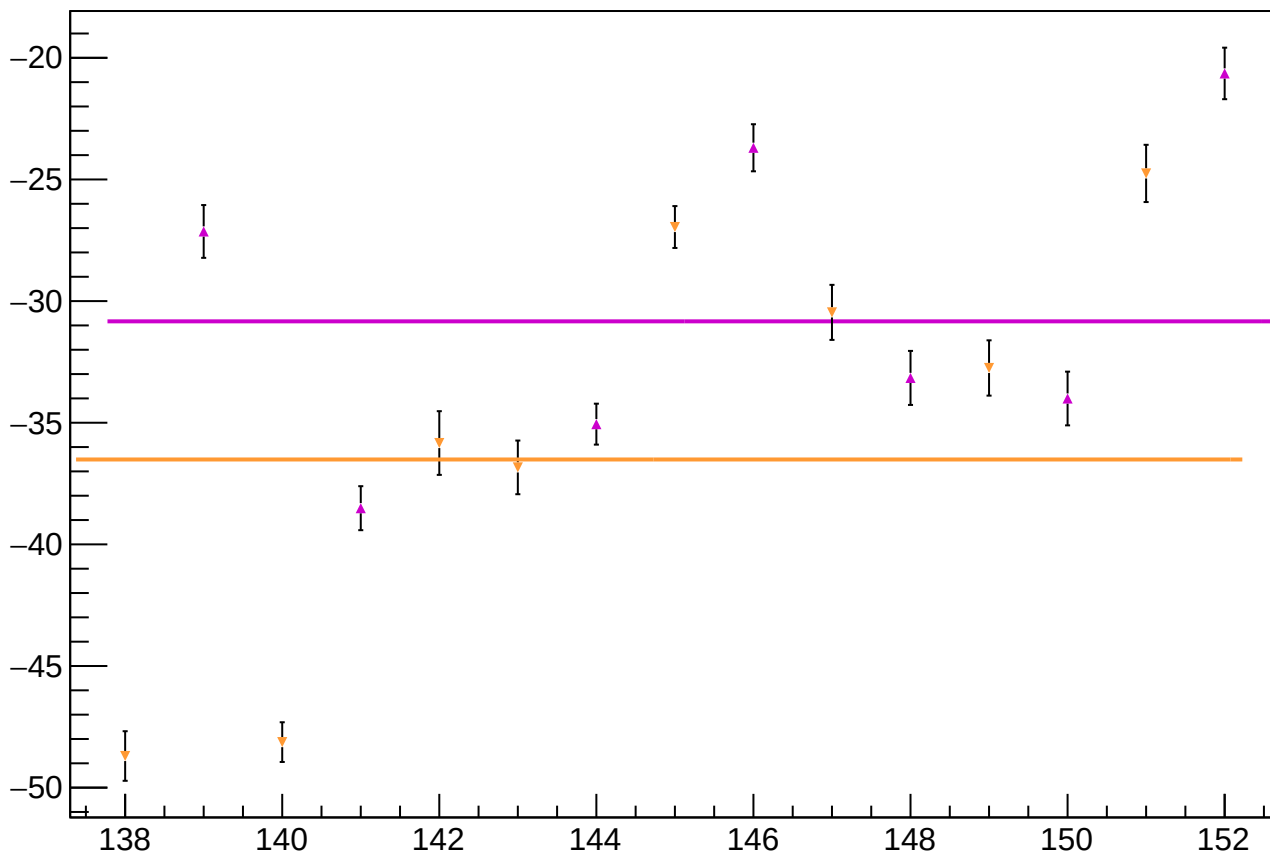
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.005 ± 0.005 χ^2/NDF : 1580.8/23

Out: -0.022 ± 0.005 χ^2/NDF : 3498.4/26

All: -0.013 ± 0.003 χ^2/NDF : 5085.0/50

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: -36.510+/-0.365 χ^2/NDF : 608.5/7

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: -33.753+/-0.262 χ^2/NDF : 994.5/14

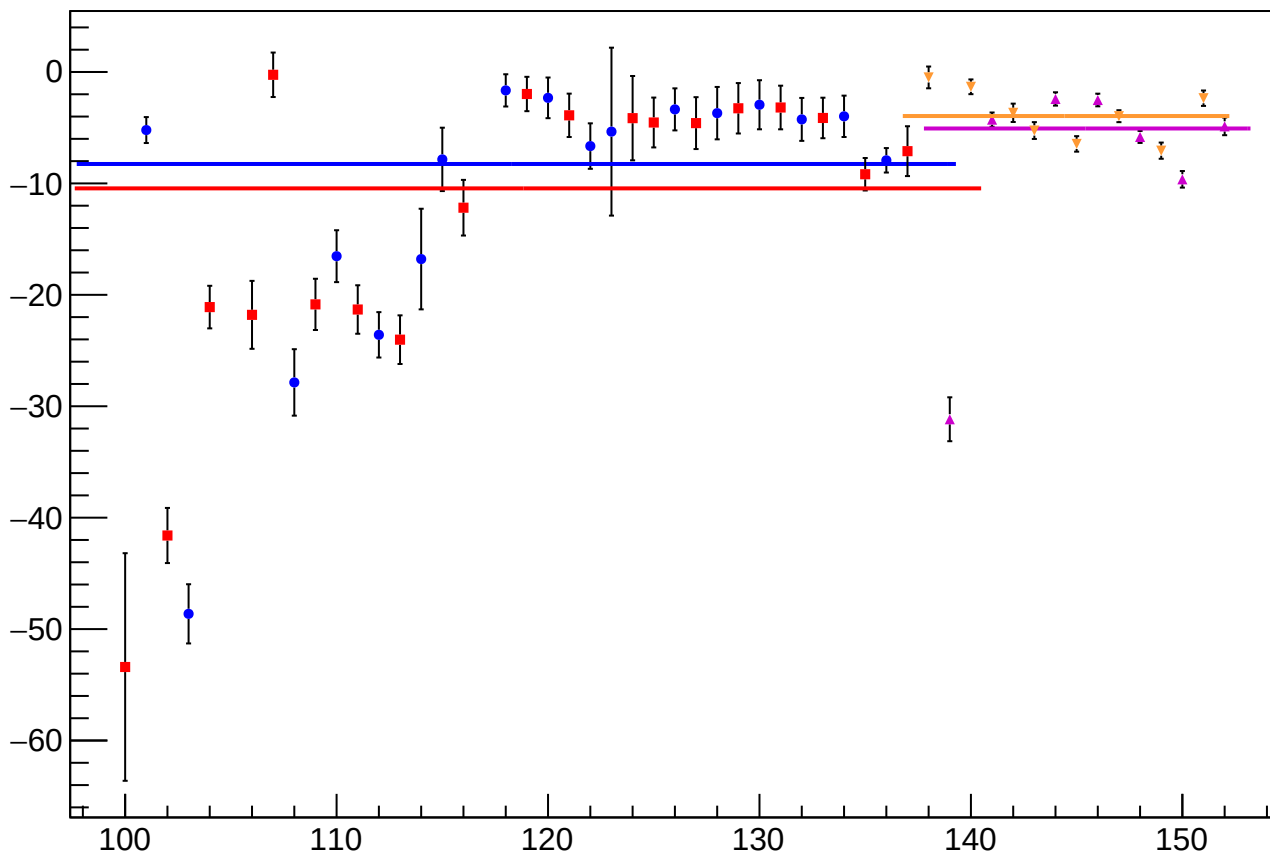
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.832+/-0.376 χ^2/NDF : 268.6/6

Out: -36.510+/-0.365 χ^2/NDF : 608.5/7

All: -33.753+/-0.262 χ^2/NDF : 994.5/14

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: -3.953 ± 0.249 χ^2/NDF : 68.0/7

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: -4.500 ± 0.178 χ^2/NDF : 334.4/14

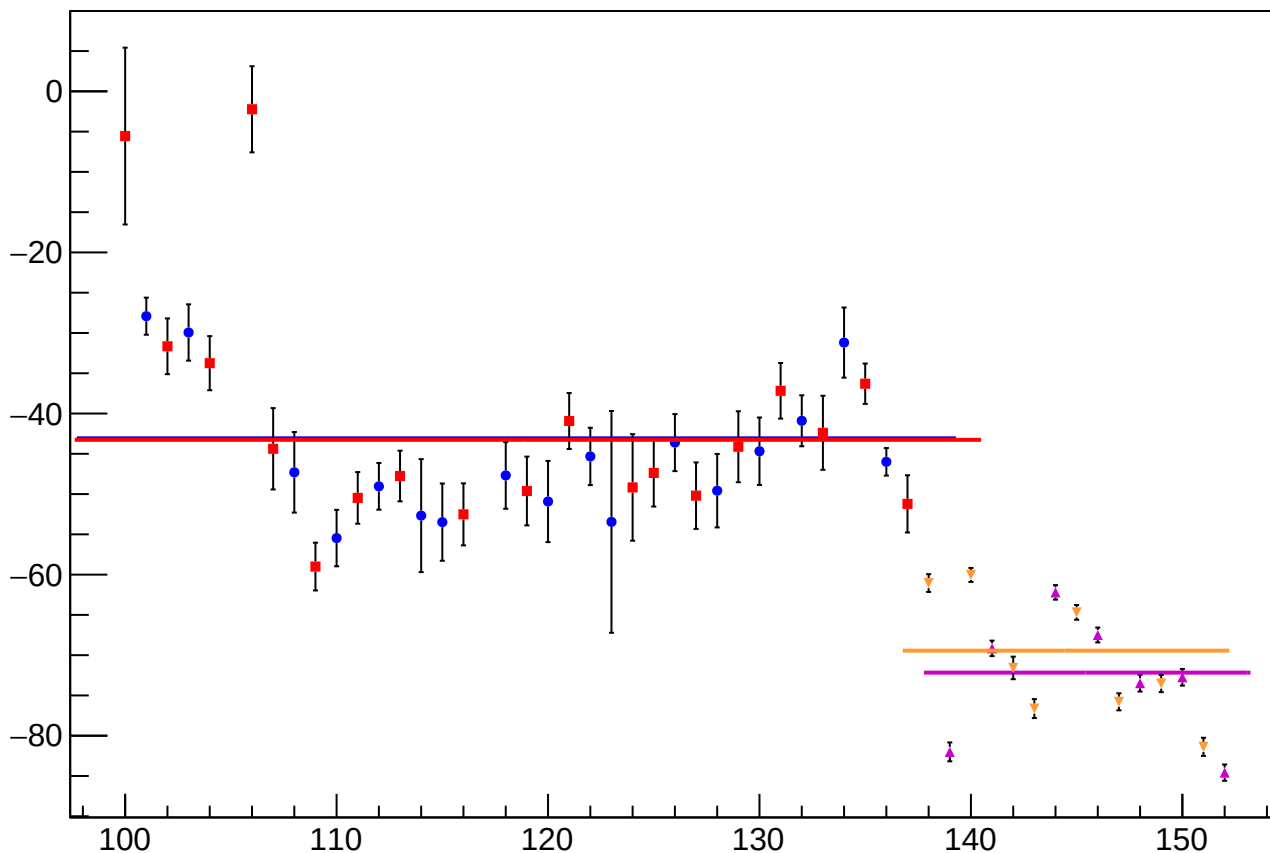
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -5.813 ± 0.223 χ^2/NDF : 705.1/23

Out: -5.283 ± 0.222 χ^2/NDF : 635.4/26

All: -5.547 ± 0.157 χ^2/NDF : 1343.3/50

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -69.438 ± 0.374 χ^2/NDF : 404.5/7

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

Left In: -72.168 ± 0.377 χ^2/NDF : 380.0/6

Left: -70.794 ± 0.266 χ^2/NDF : 810.9/14

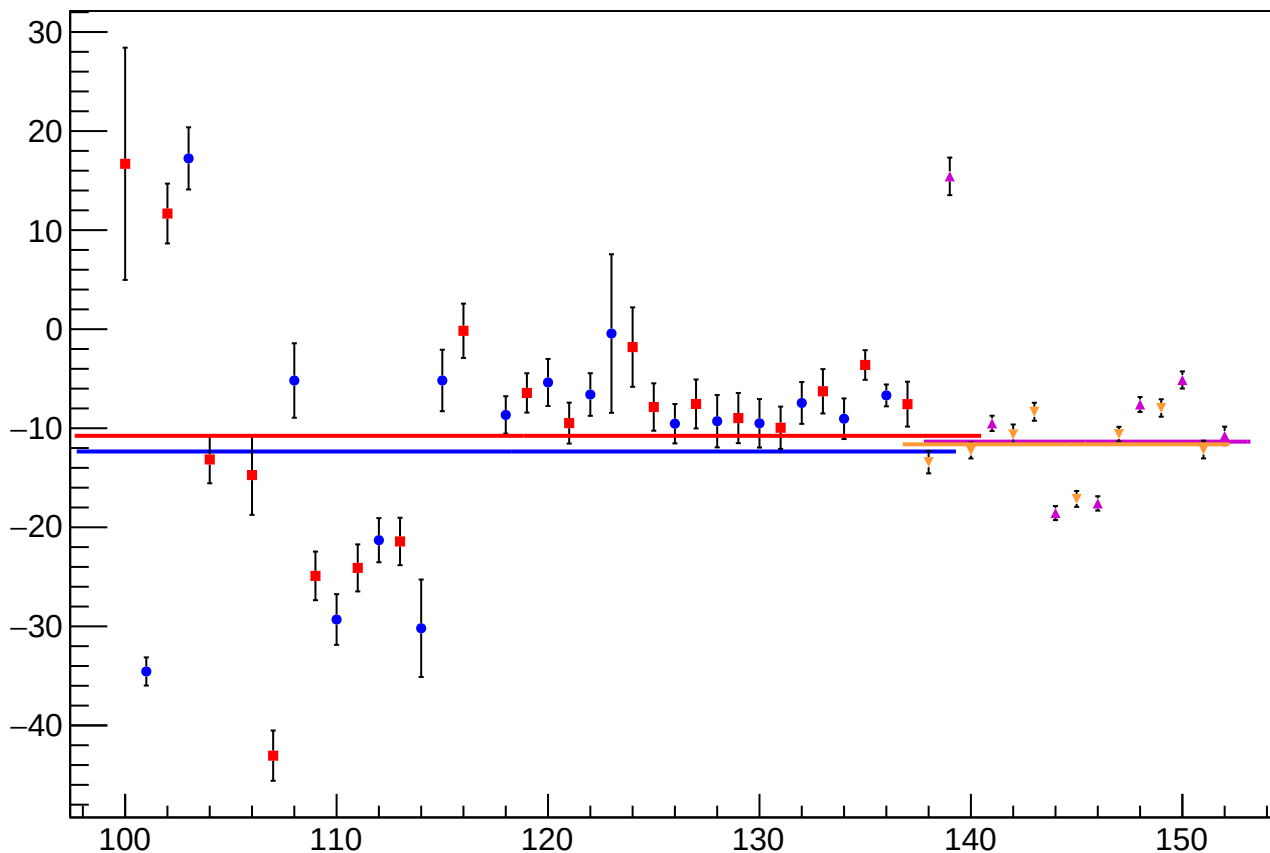
Right: -43.169 ± 0.601 χ^2/NDF : 253.4/35

In: -67.239 ± 0.343 χ^2/NDF : 1488.7/23

Out: -65.321 ± 0.344 χ^2/NDF : 1327.8/26

All: -66.280 ± 0.243 χ^2/NDF : 2832.1/50

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: -11.621 ± 0.309 χ^2/NDF : 84.1/7

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: -11.489 ± 0.221 χ^2/NDF : 542.9/14

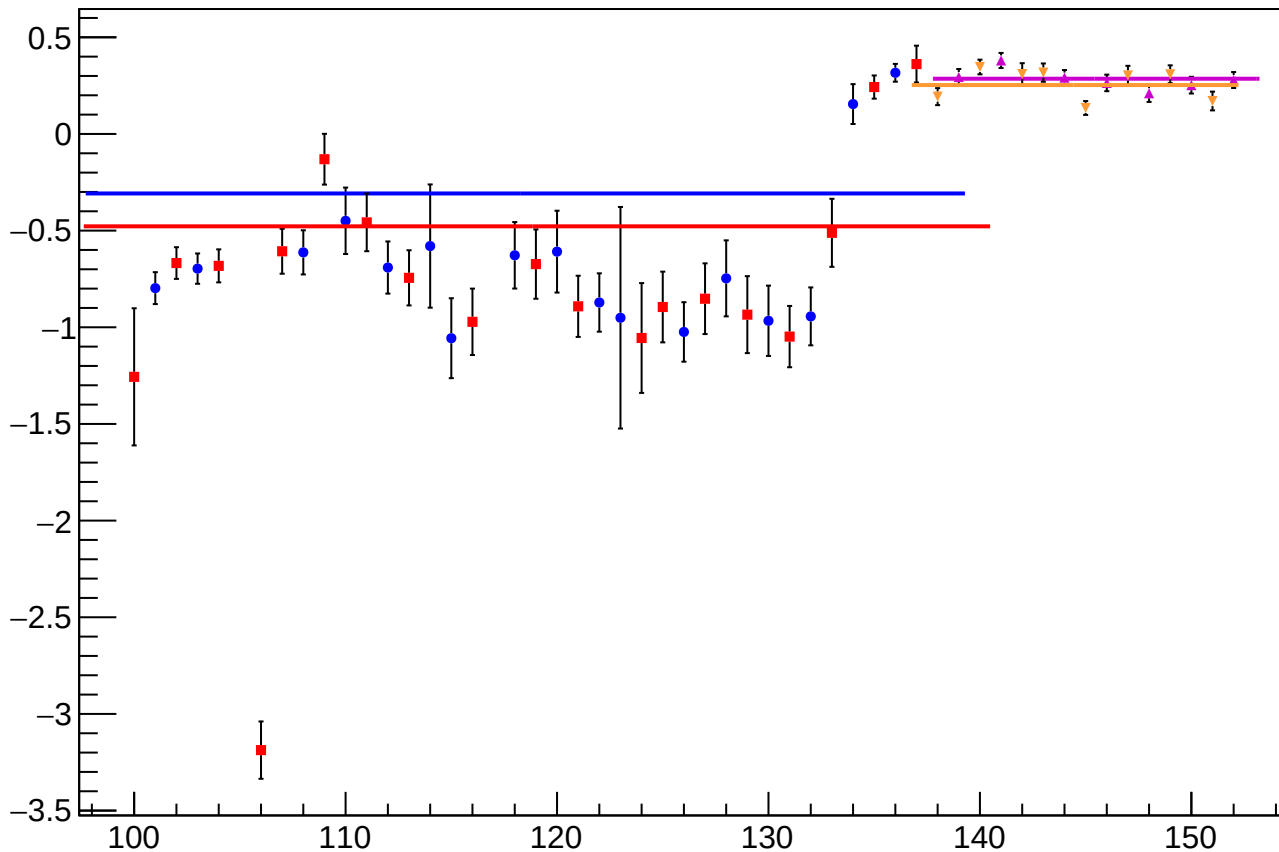
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -11.620 ± 0.270 χ^2/NDF : 937.0/23

Out: -11.418 ± 0.270 χ^2/NDF : 452.5/26

All: -11.519 ± 0.191 χ^2/NDF : 1389.9/50

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: 0.253 ± 0.016 χ^2/NDF : 27.1/7

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 : 38.9/14

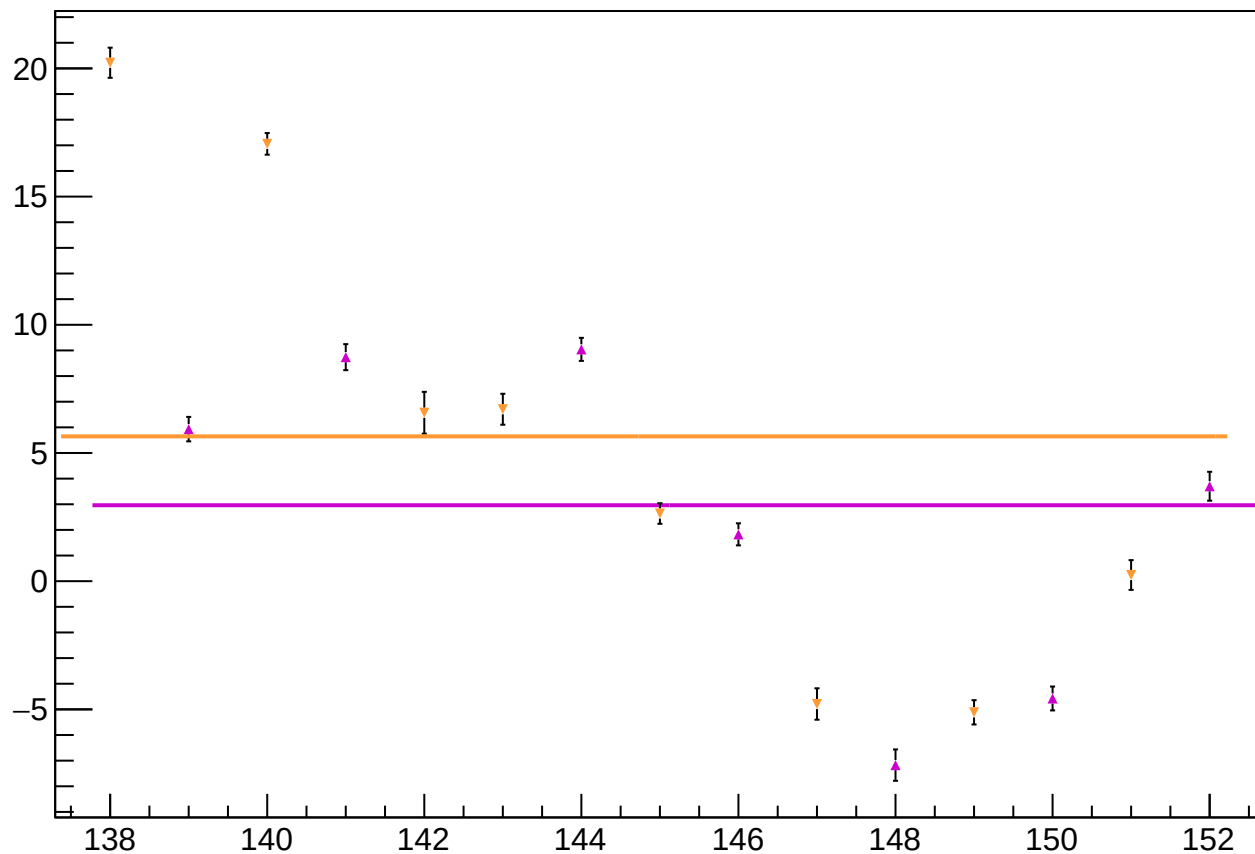
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.140 ± 0.014 χ^2/NDF : 733.1/23

Out: 0.083 ± 0.014 χ^2/NDF : 1161.6/26

All: 0.112 ± 0.010 χ^2/NDF : 1903.4/50

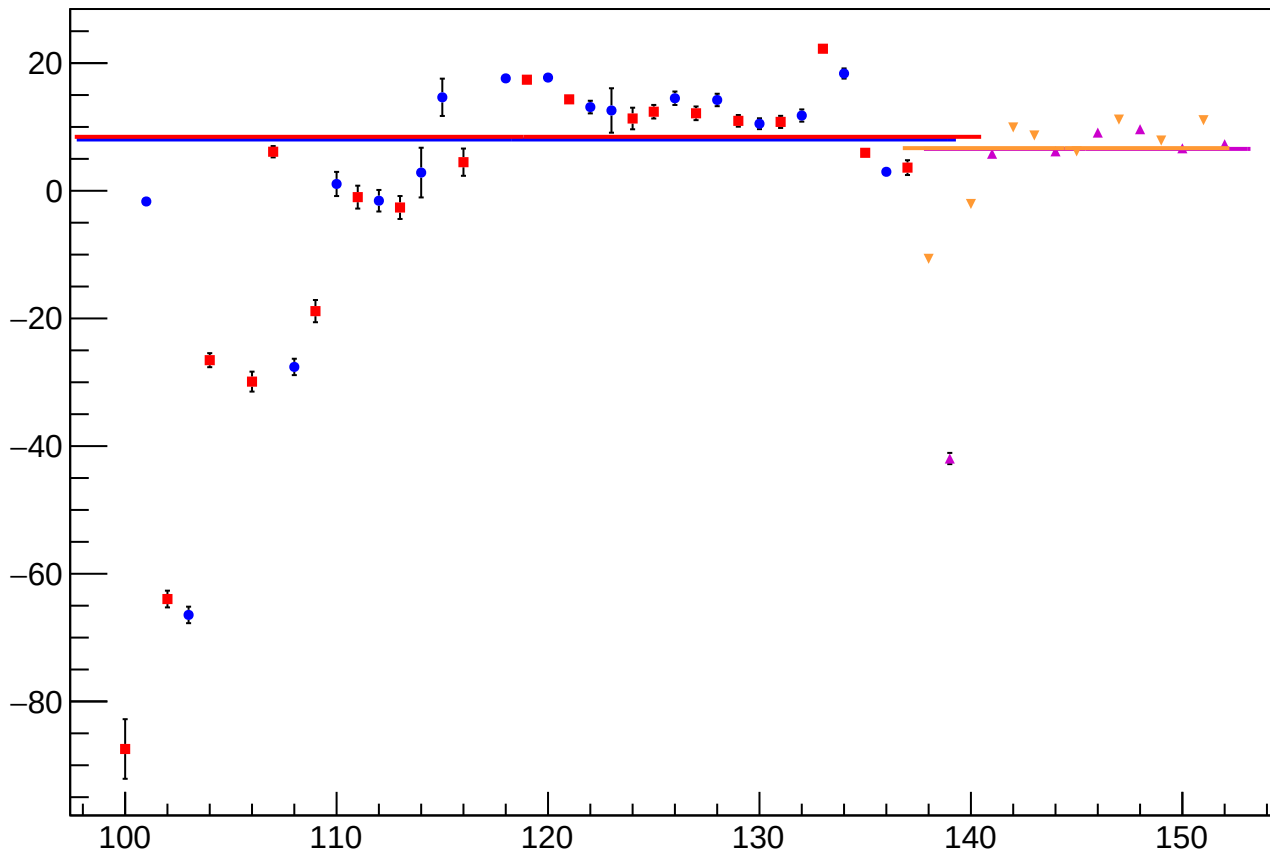
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.648+/-0.186 χ^2/NDF :2299.5/7
 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: 4.305+/-0.131 χ^2/NDF : 3300.0/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.962+/-0.186 χ^2/NDF :895.8/6
 Out: 5.648+/-0.186 χ^2/NDF :2299.5/7
 All: 4.305+/-0.131 χ^2/NDF : 3300.0/14

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: 6.680 $\pm$ 0.129 χ^2 /NDF:1943.1/7

Right Out: 8.454 $\pm$ 0.213 χ^2 /NDF: 6704.4/18

Left In: 6.562 $\pm$ 0.131 χ^2 /NDF:3239.4/6

Left: 6.622 $\pm$ 0.092 χ^2 /NDF: 5183.0/14

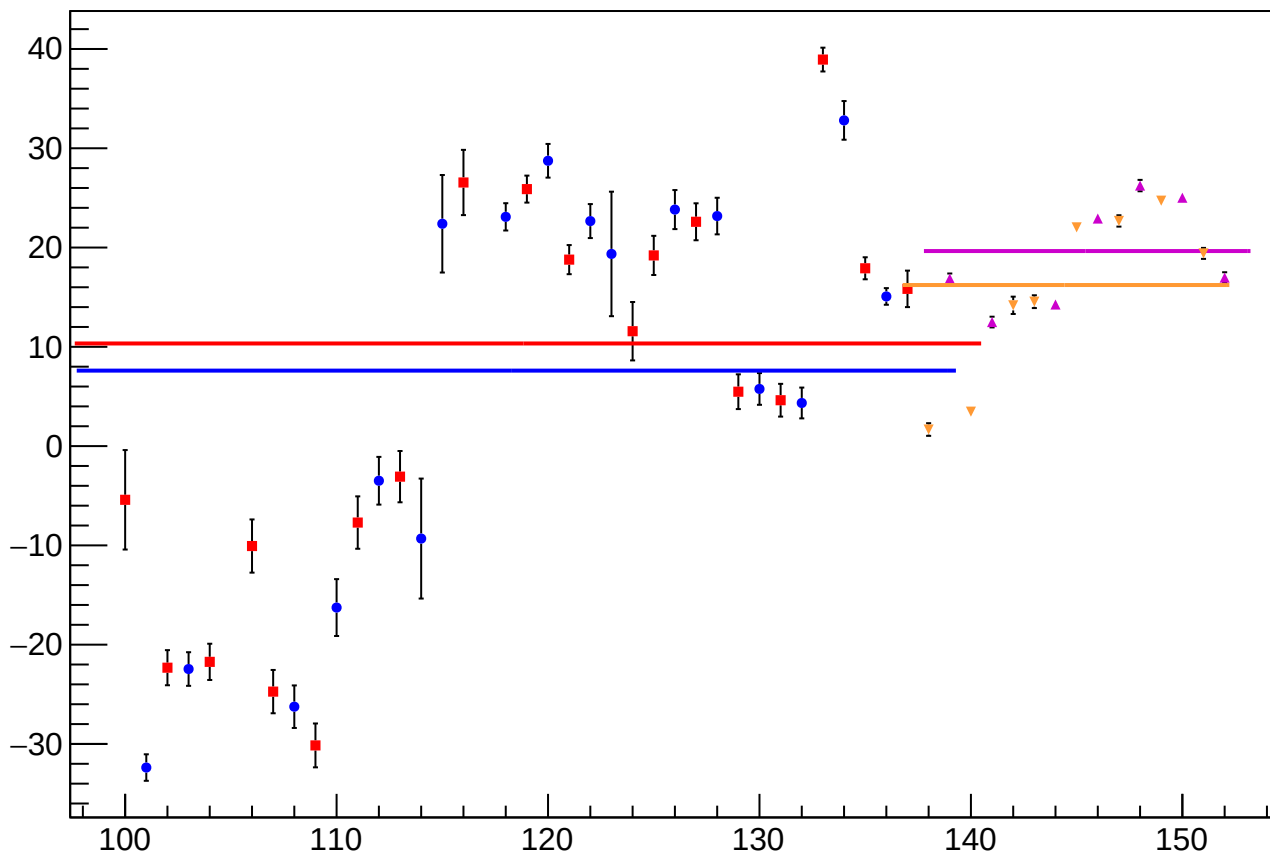
Right: 8.247 $\pm$ 0.151 χ^2 /NDF: 12075.7/35

In: 6.962 $\pm$ 0.112 χ^2 /NDF:8643.1/23

Out: 7.153 $\pm$ 0.110 χ^2 /NDF:8698.2/26

All: 7.059 $\pm$ 0.079 χ^2 /NDF: 17342.7/50

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: 16.225 ± 0.189 χ^2/NDF : 2053.9/7

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: 17.965 ± 0.132 χ^2/NDF : 2921.9/14

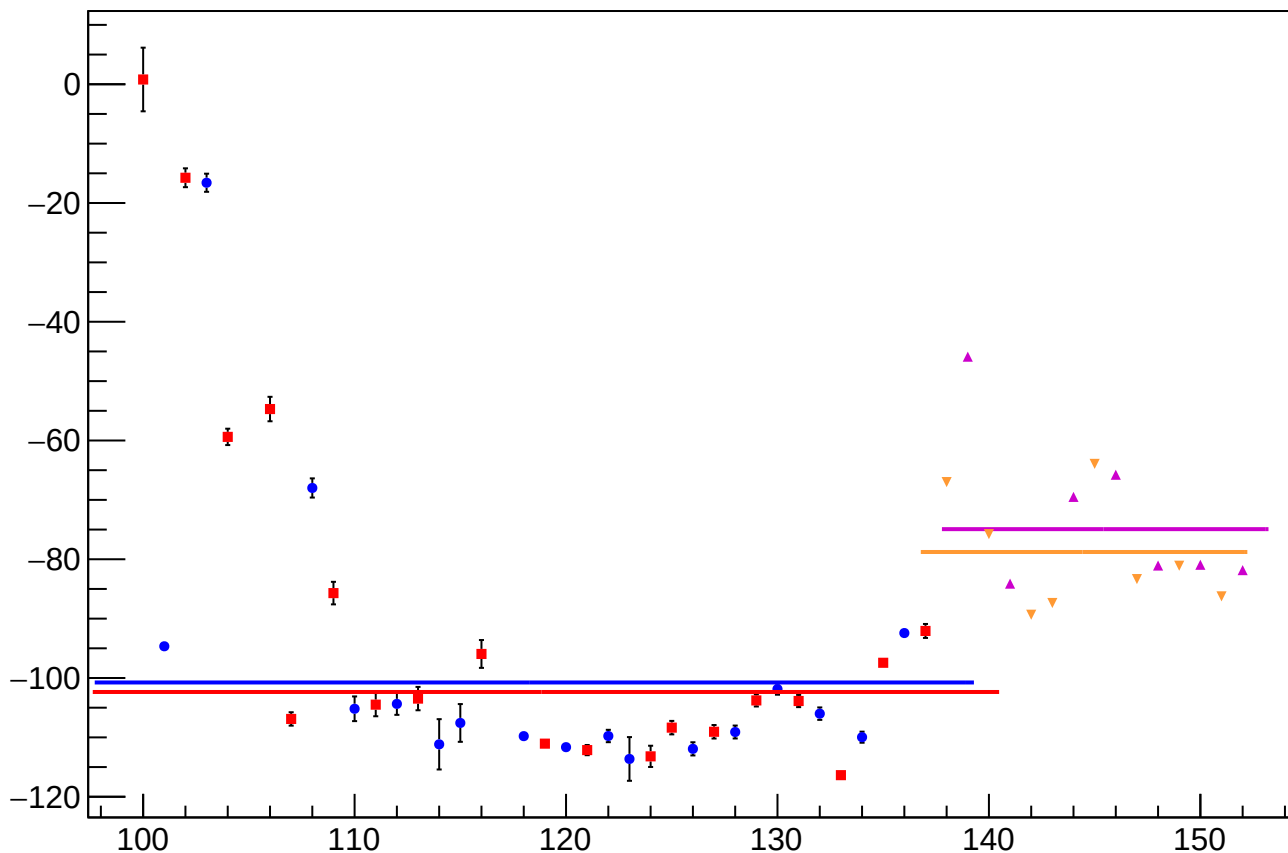
Right: 8.969 ± 0.294 χ^2/NDF : 4628.4/35

In: 17.649 ± 0.169 χ^2/NDF : 3725.4/23

Out: 15.222 ± 0.172 χ^2/NDF : 4501.5/26

All: 16.453 ± 0.121 χ^2/NDF : 8328.0/50

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -78.776 ± 0.158 $\chi^2/\text{NDF}: 2921.5/7$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

Left In: -74.929 ± 0.160 $\chi^2/\text{NDF}: 3205.3/6$

Left: -76.874 ± 0.112 $\chi^2/\text{NDF}: 6420.0/14$

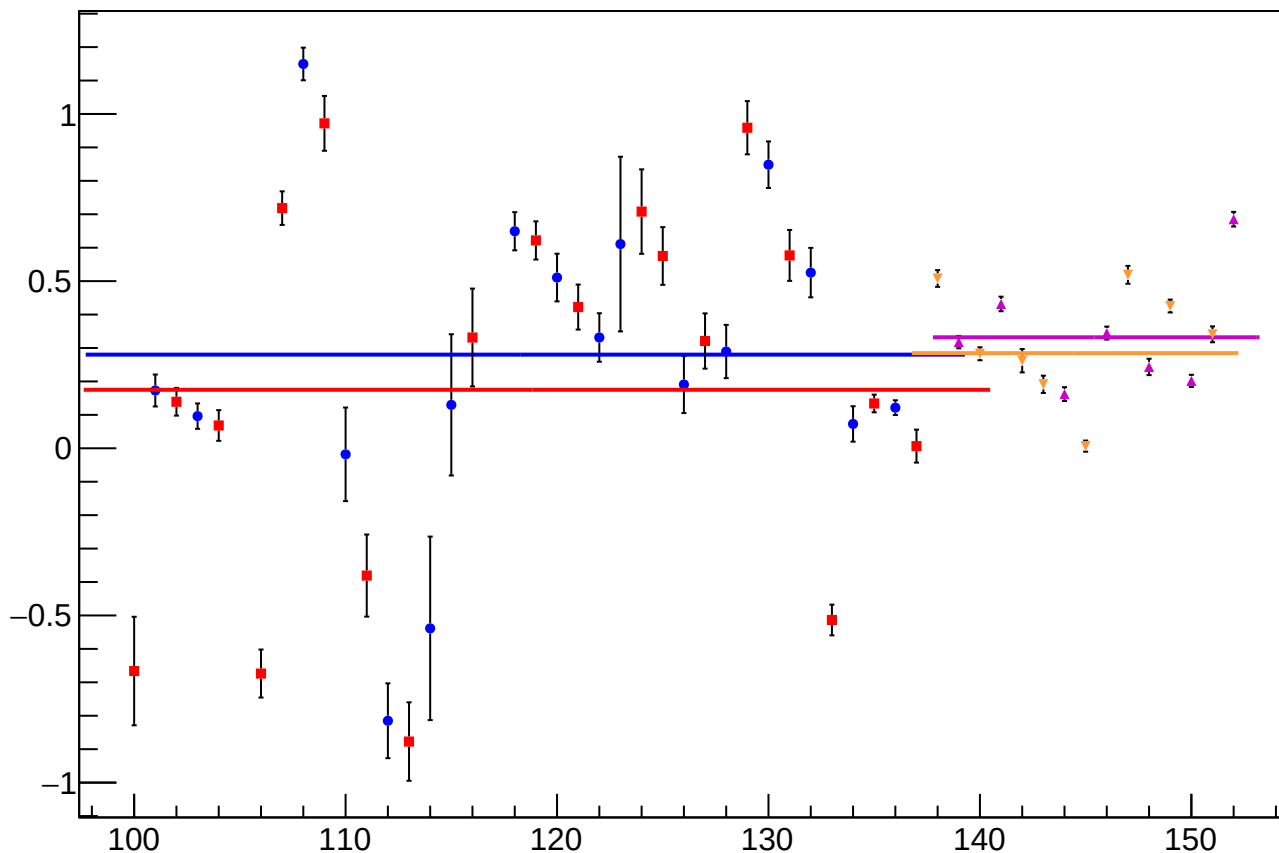
Right: -101.559 ± 0.175 $\chi^2/\text{NDF}: 10622.5/35$

In: -82.501 ± 0.134 $\chi^2/\text{NDF}: 15390.6/23$

Out: -85.654 ± 0.133 $\chi^2/\text{NDF}: 15495.1/26$

All: -84.093 ± 0.094 $\chi^2/\text{NDF}: 31163.9/50$

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: 0.285 ± 0.008 χ^2/NDF : 507.7/7

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: 0.309 ± 0.006 χ^2/NDF : 938.6/14

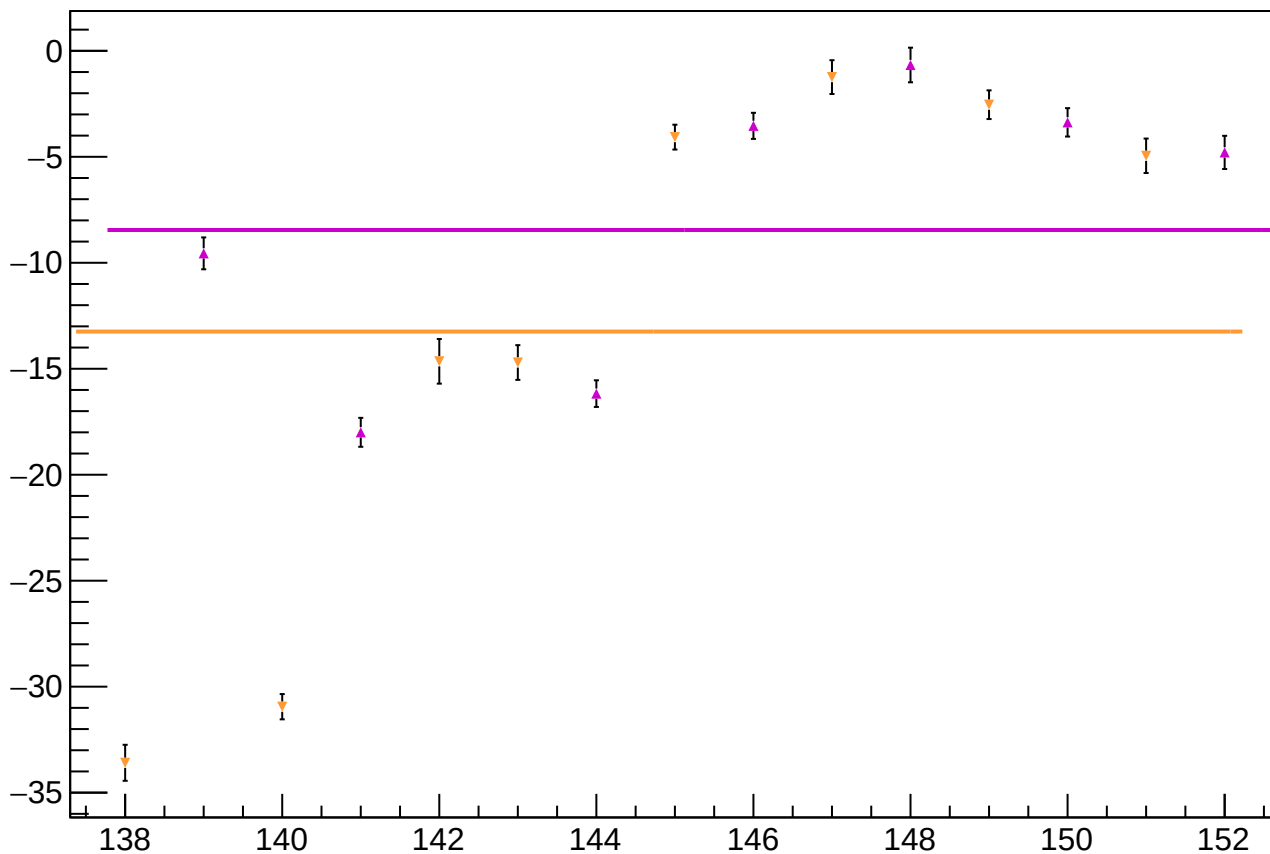
Right: 0.227 ± 0.010 χ^2/NDF : 1653.2/35

In: 0.319 ± 0.007 χ^2/NDF : 1079.6/23

Out: 0.256 ± 0.007 χ^2/NDF : 1523.8/26

All: 0.288 ± 0.005 χ^2/NDF : 2646.5/50

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: -13.245+/-0.260 χ^2/NDF :2286.3/7

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: -10.876+/-0.185 χ^2/NDF : 3036.1/14

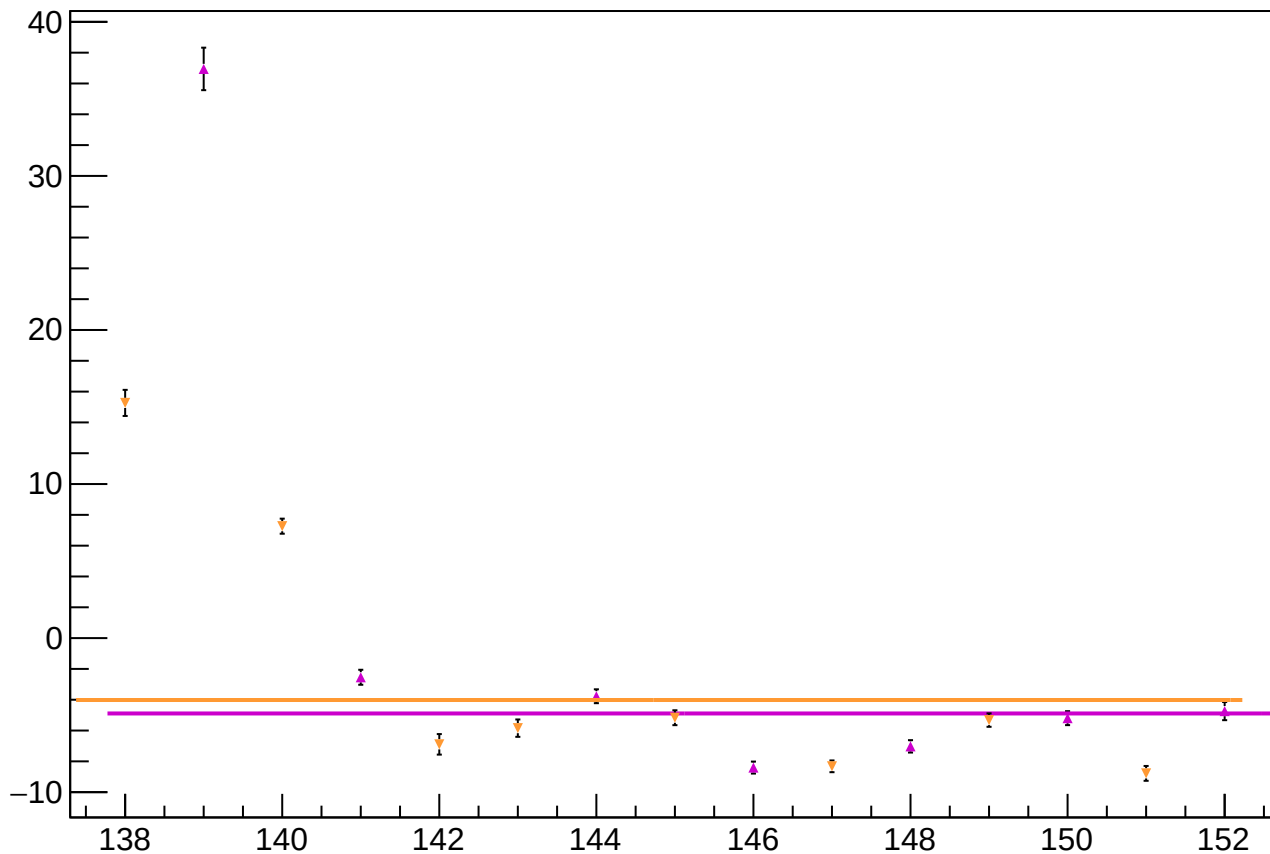
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.453+/-0.263 χ^2/NDF :582.1/6

Out: -13.245+/-0.260 χ^2/NDF :2286.3/7

All: -10.876+/-0.185 χ^2/NDF : 3036.1/14

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -4.018+/-0.178 χ^2/NDF :1319.9/7

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: -4.444+/-0.127 χ^2/NDF : 2391.7/14

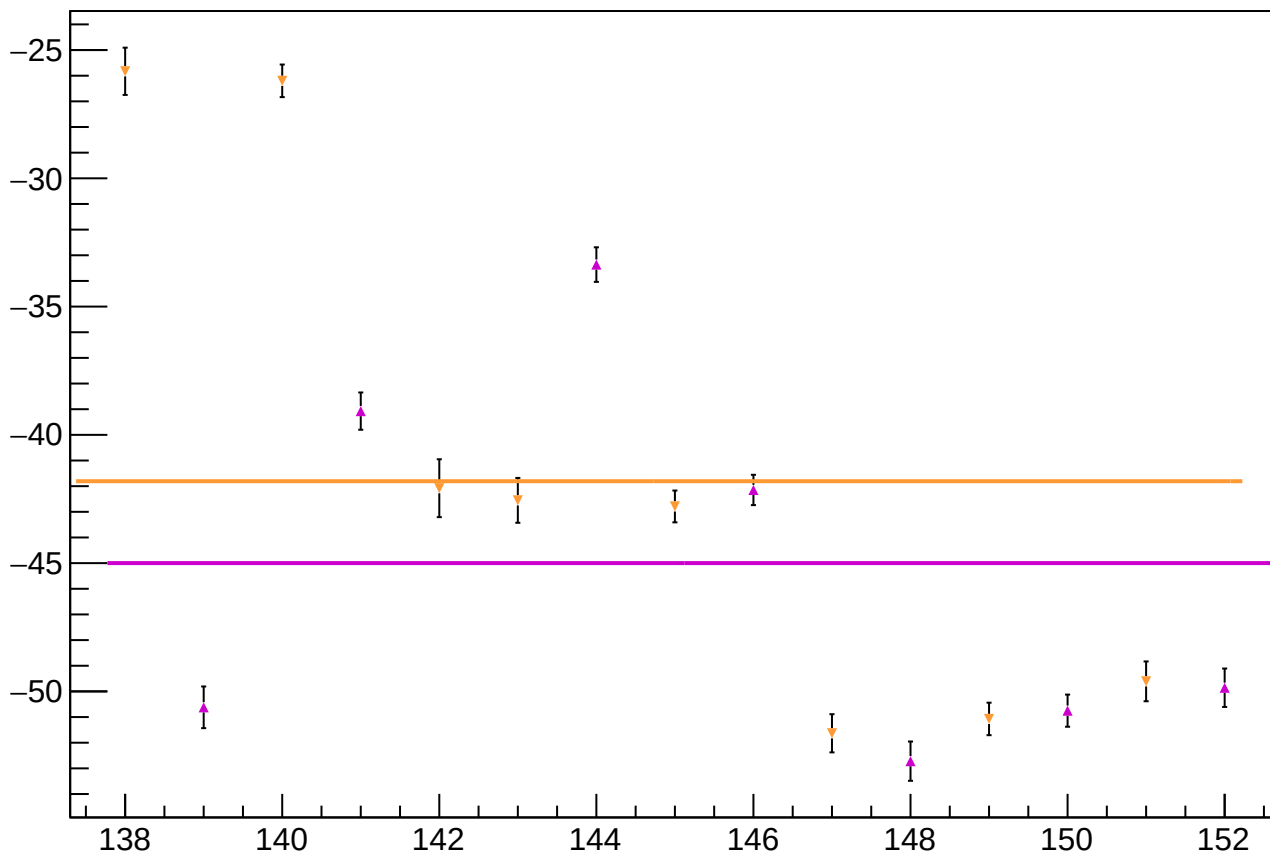
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Out: -4.018+/-0.178 χ^2/NDF :1319.9/7

All: -4.444+/-0.127 χ^2/NDF : 2391.7/14

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: -41.807+/-0.264 χ^2/NDF :1398.2/7

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: -43.413+/-0.186 χ^2/NDF : 2135.4/14

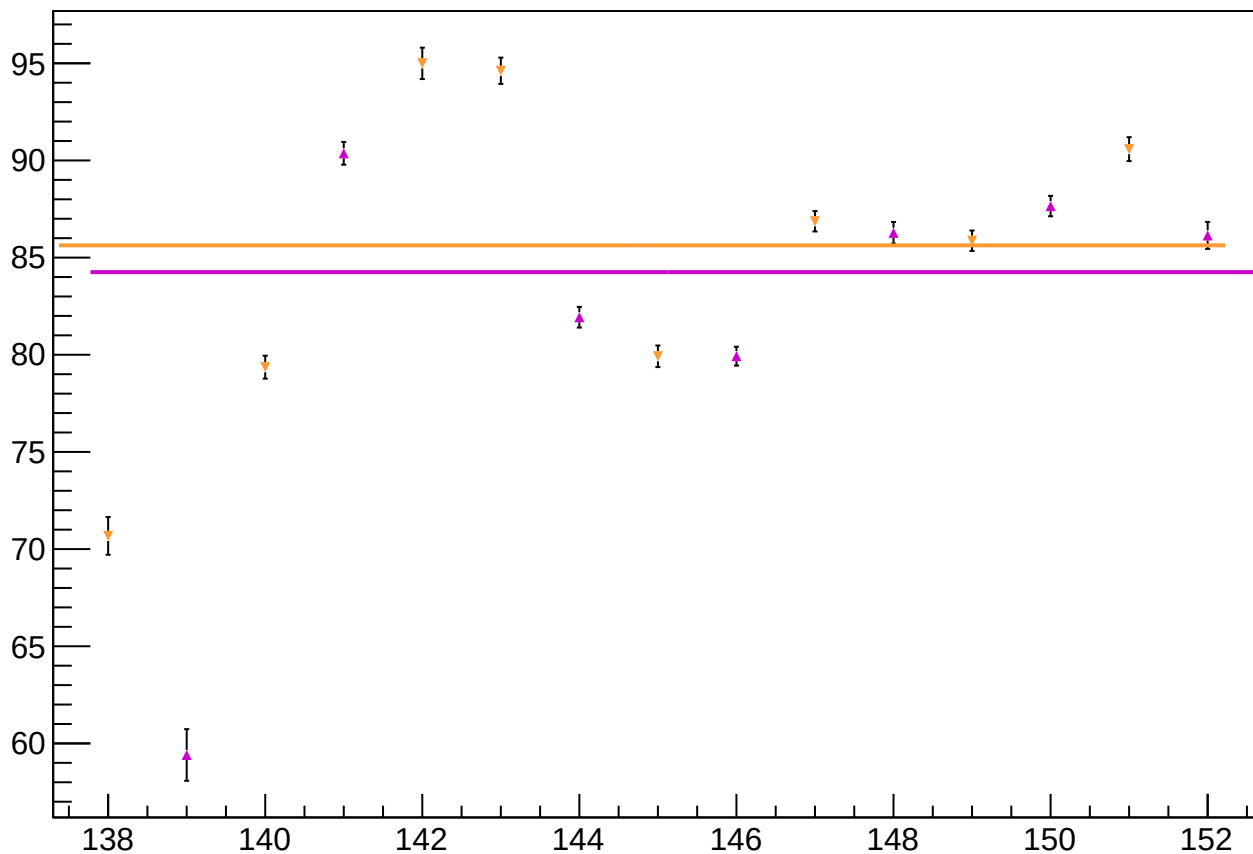
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.999+/-0.263 χ^2/NDF :663.8/6

Out: -41.807+/-0.264 χ^2/NDF :1398.2/7

All: -43.413+/-0.186 χ^2/NDF : 2135.4/14

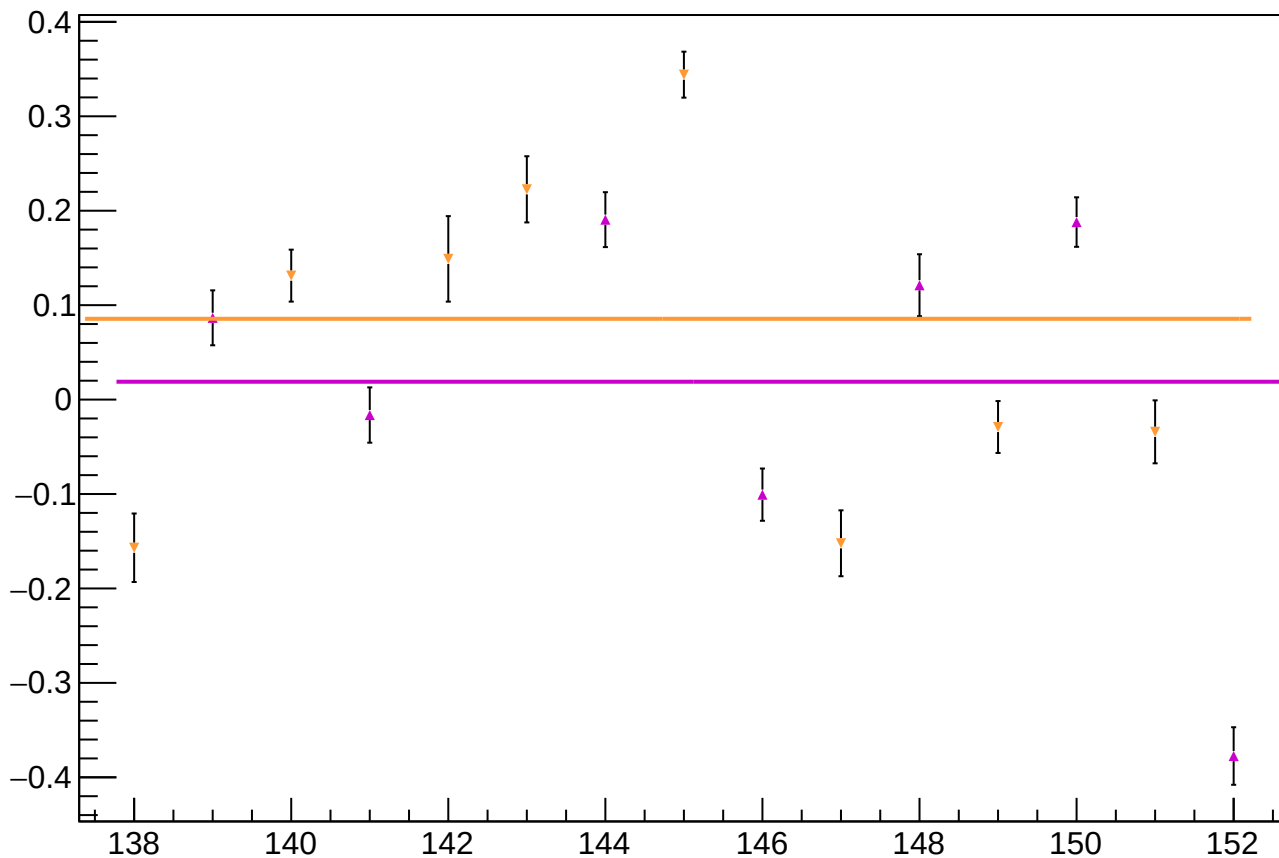
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.631+/-0.219 χ^2/NDF :836.9/7
 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: 84.952+/-0.156 χ^2/NDF : 1475.5/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.251+/-0.223 χ^2/NDF :619.1/6
 Out: 85.631+/-0.219 χ^2/NDF :836.9/7
 All: 84.952+/-0.156 χ^2/NDF : 1475.5/14

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.086+/-0.011 χ^2/NDF :254.2/7

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

Left In: 0.019+/-0.011 χ^2/NDF :280.8/6

Left: 0.052+/-0.008 χ^2/NDF : 553.3/14

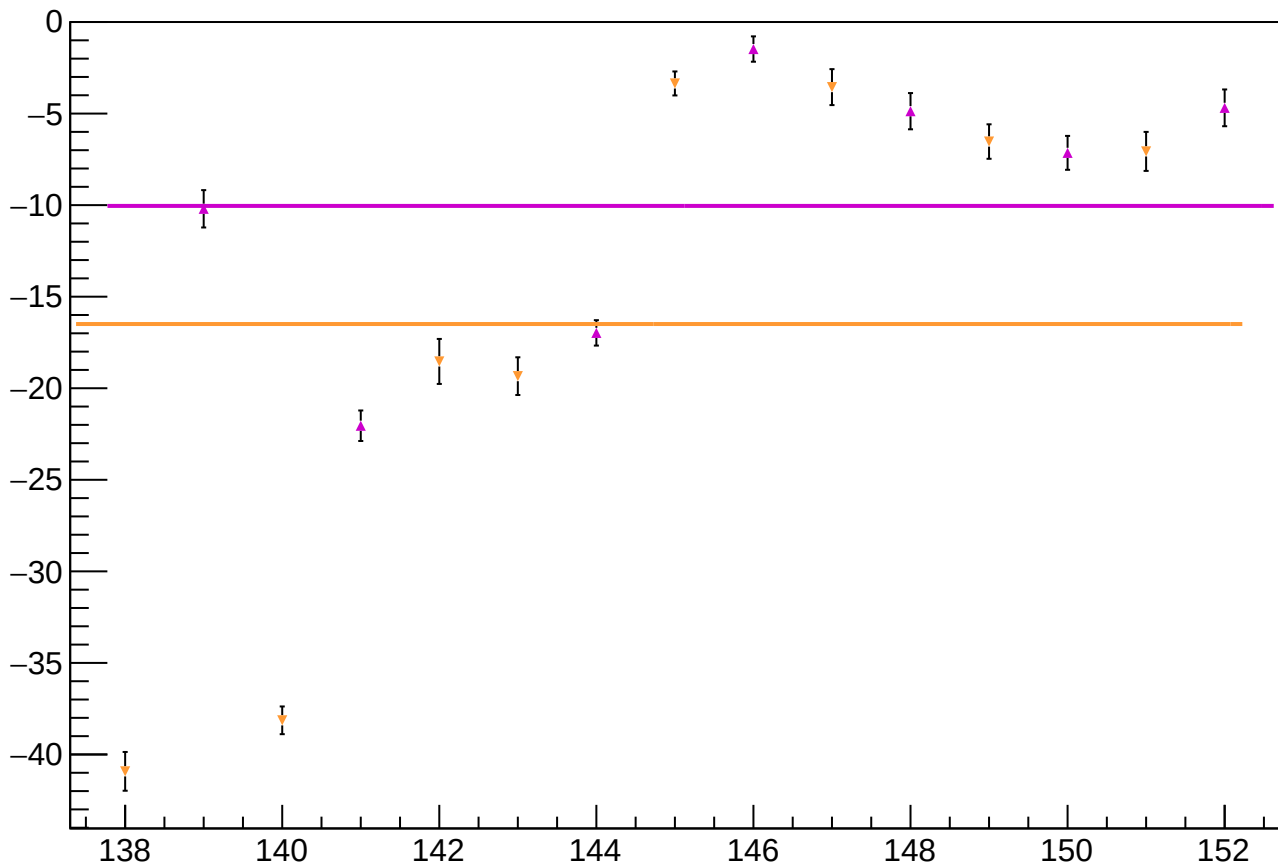
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.019+/-0.011 χ^2/NDF :280.8/6

Out: 0.086+/-0.011 χ^2/NDF :254.2/7

All: 0.052+/-0.008 χ^2/NDF : 553.3/14

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.493+/-0.322 χ^2/NDF :2127.1/7

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

Left In: -10.042+/-0.320 χ^2/NDF :526.2/6

Left: -13.247+/-0.227 χ^2/NDF : 2854.9/14

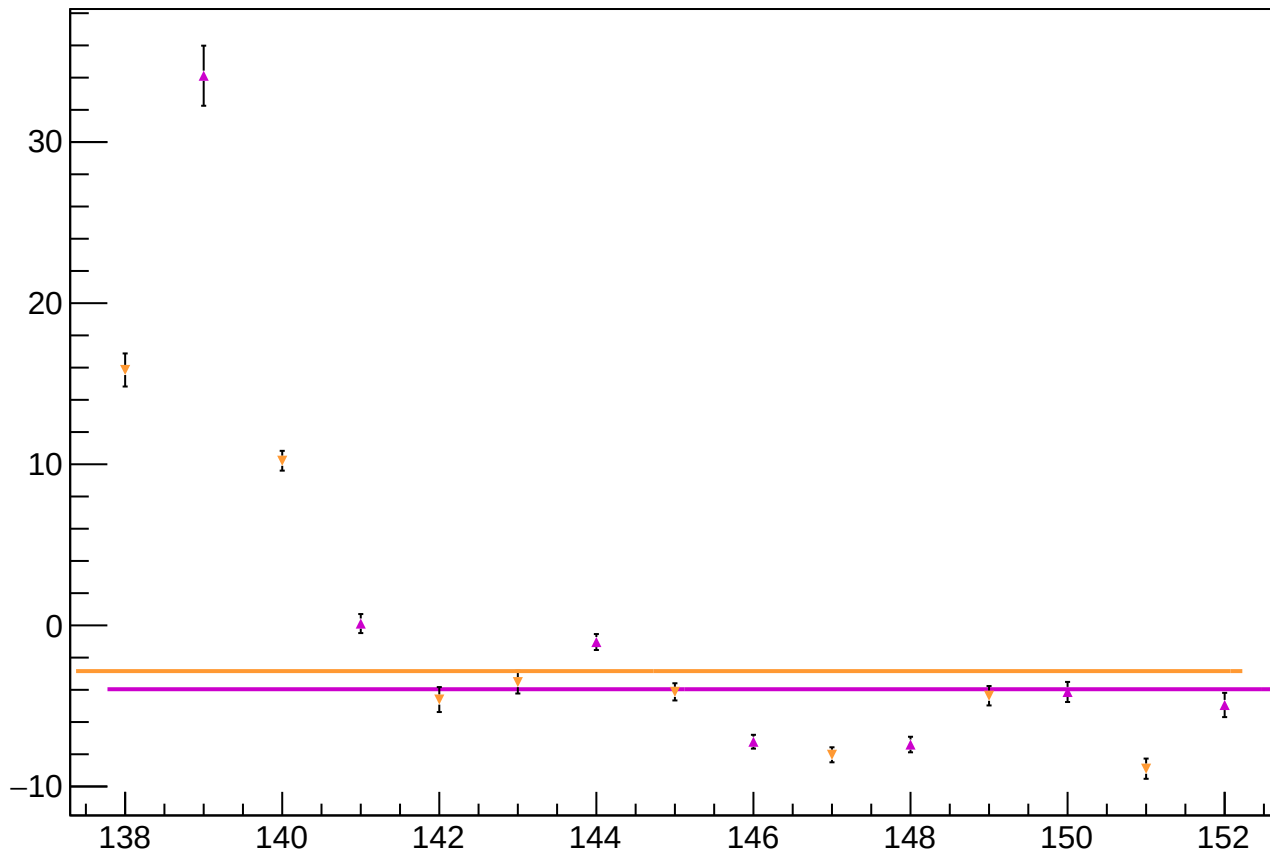
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.042+/-0.320 χ^2/NDF :526.2/6

Out: -16.493+/-0.322 χ^2/NDF :2127.1/7

All: -13.247+/-0.227 χ^2/NDF : 2854.9/14

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



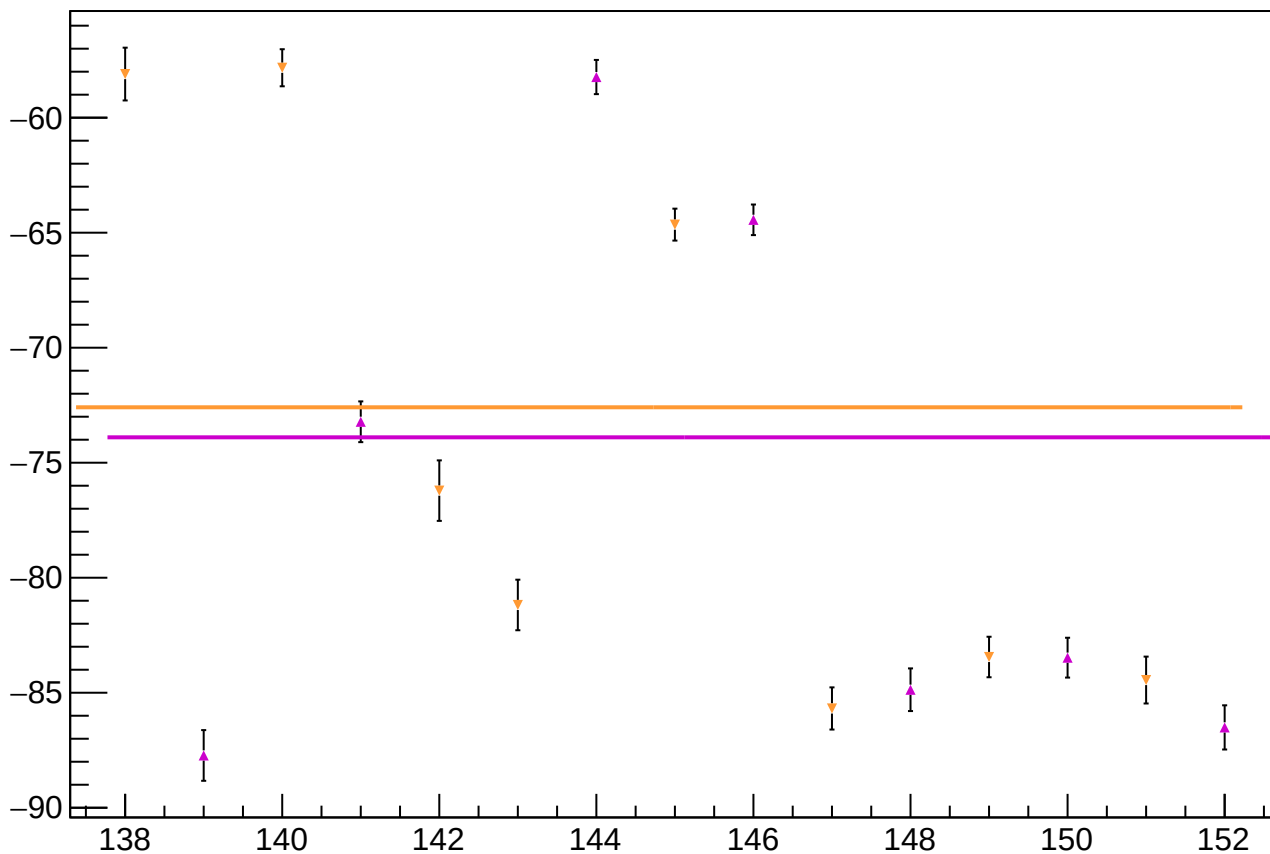
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.838+/-0.220 χ^2/NDF :1018.3/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.963+/-0.217 χ^2/NDF :609.7/6

Left: -3.409+/-0.154 χ^2/NDF : 1641.2/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.963+/-0.217 χ^2/NDF :609.7/6
 Out: -2.838+/-0.220 χ^2/NDF :1018.3/7

All: -3.409+/-0.154 χ^2/NDF : 1641.2/14

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

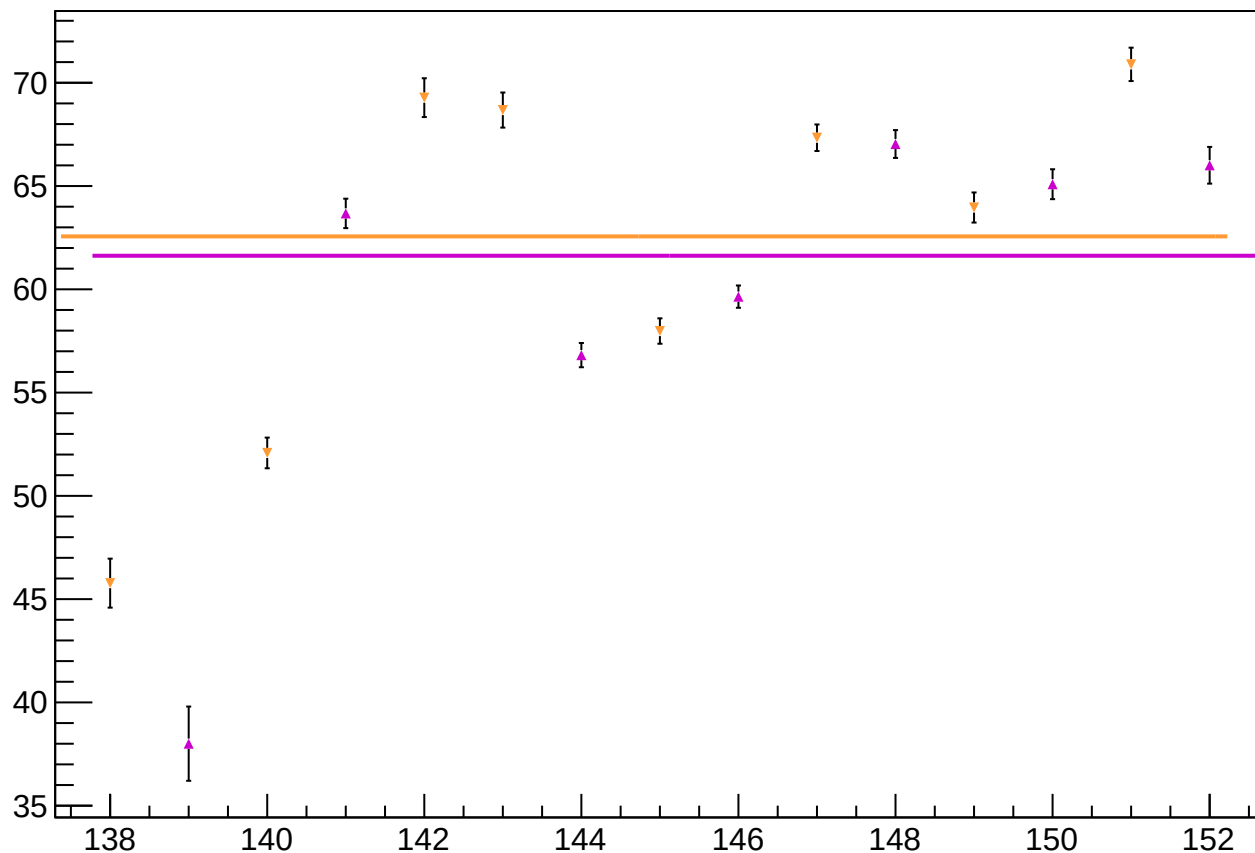


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -72.591+/-0.329 χ^2/NDF :1186.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Left: -73.261+/-0.230 χ^2/NDF : 2432.9/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -73.896+/-0.320 χ^2/NDF :1238.8/6
 Out: -72.591+/-0.329 χ^2/NDF :1186.0/7

All: -73.261+/-0.230 χ^2/NDF : 2432.9/14

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: 62.562+/-0.272 χ^2/NDF :723.2/7

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: 62.085+/-0.191 χ^2/NDF : 1102.5/14

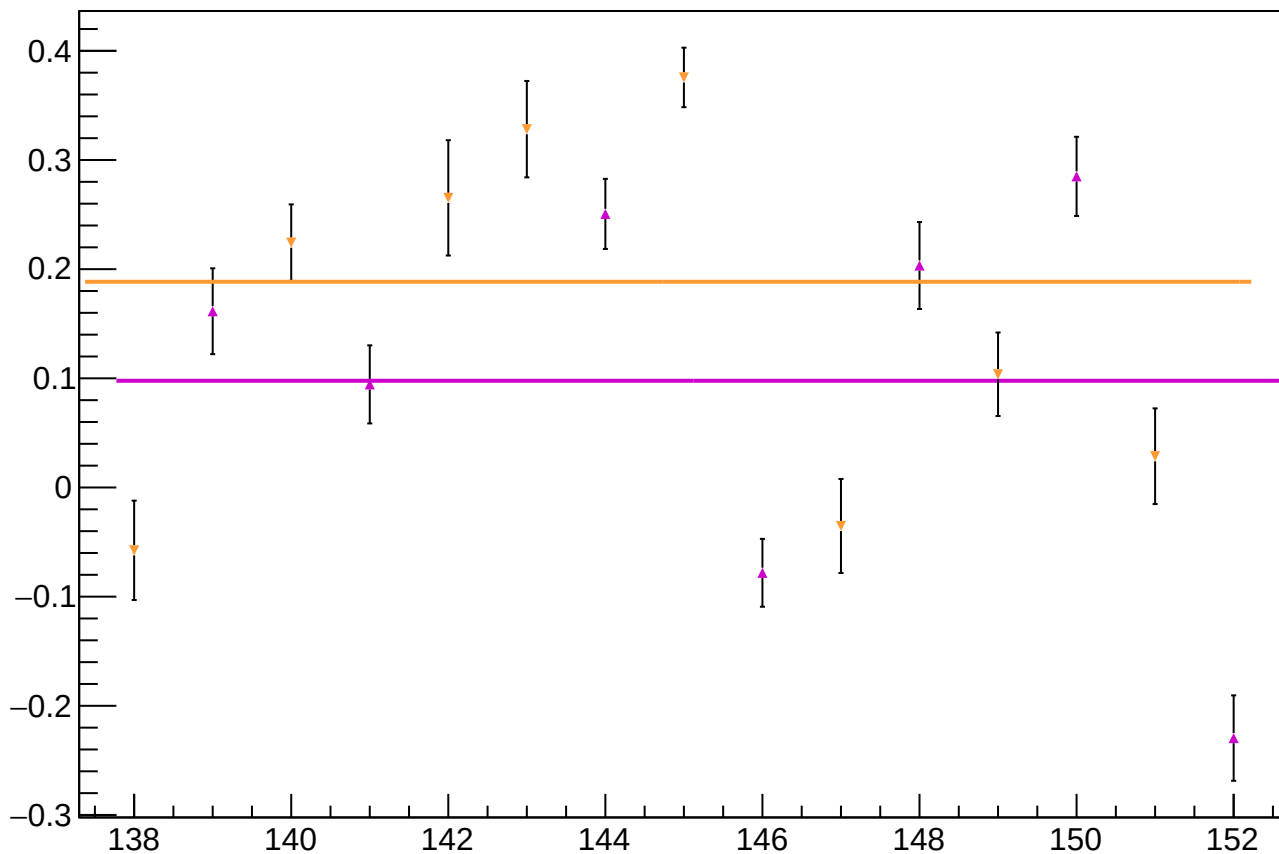
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.625+/-0.267 χ^2/NDF :373.3/6

Out: 62.562+/-0.272 χ^2/NDF :723.2/7

All: 62.085+/-0.191 χ^2/NDF : 1102.5/14

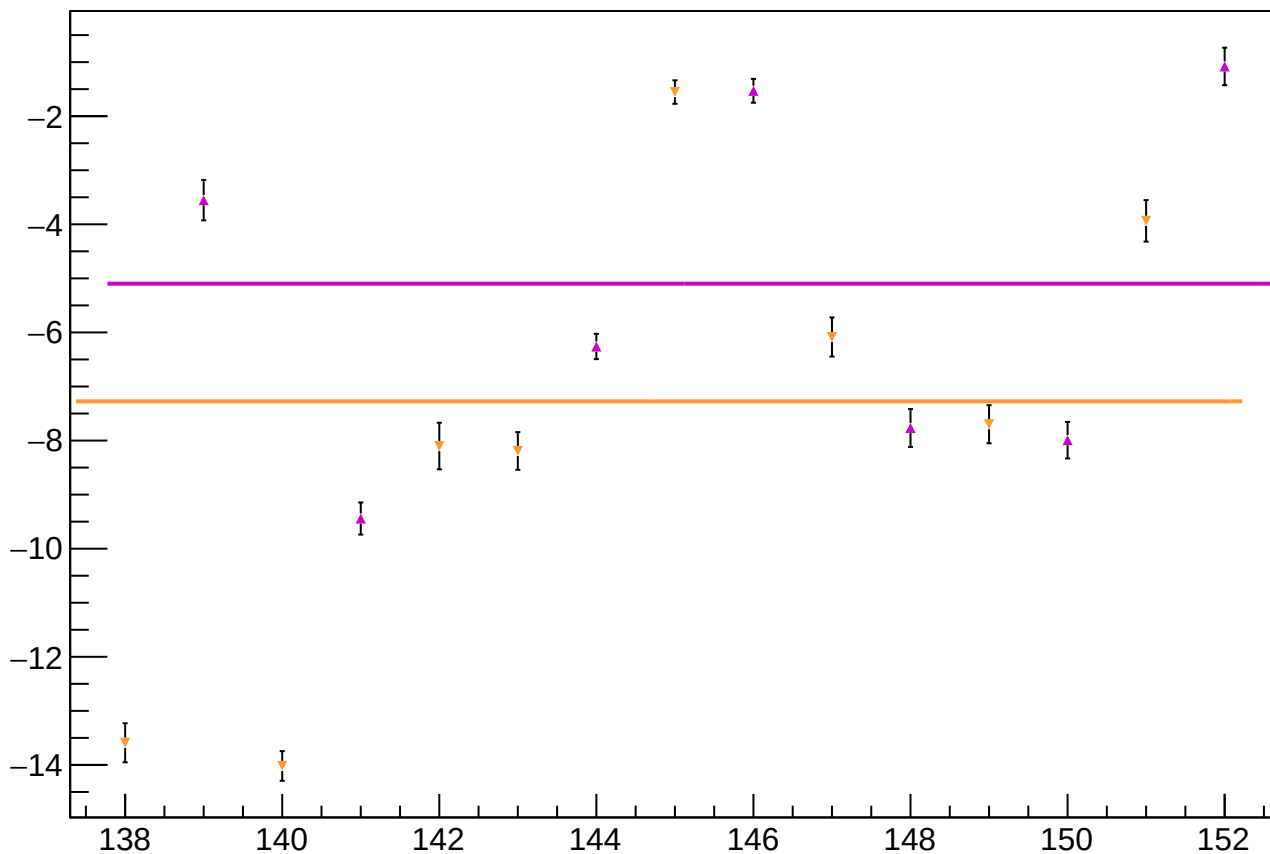
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.188+/-0.014 χ^2/NDF :134.8/7
 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: 0.142+/-0.010 χ^2/NDF : 317.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.098+/-0.014 χ^2/NDF :161.0/6
 Out: 0.188+/-0.014 χ^2/NDF :134.8/7
 All: 0.142+/-0.010 χ^2/NDF : 317.8/14

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: -7.275+/-0.113 χ^2/NDF :1701.9/7

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: -6.158+/-0.079 χ^2/NDF : 2674.1/14

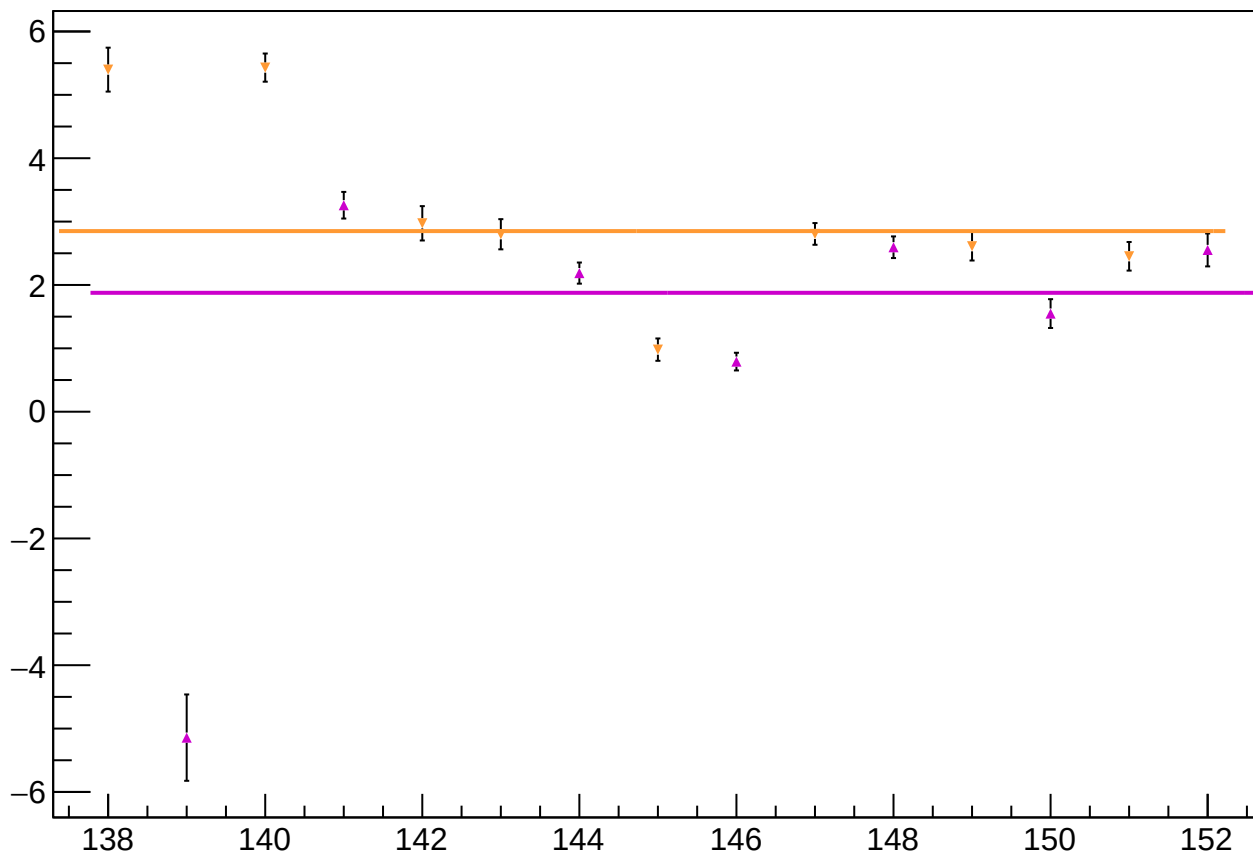
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.098+/-0.110 χ^2/NDF :781.9/6

Out: -7.275+/-0.113 χ^2/NDF :1701.9/7

All: -6.158+/-0.079 χ^2/NDF : 2674.1/14

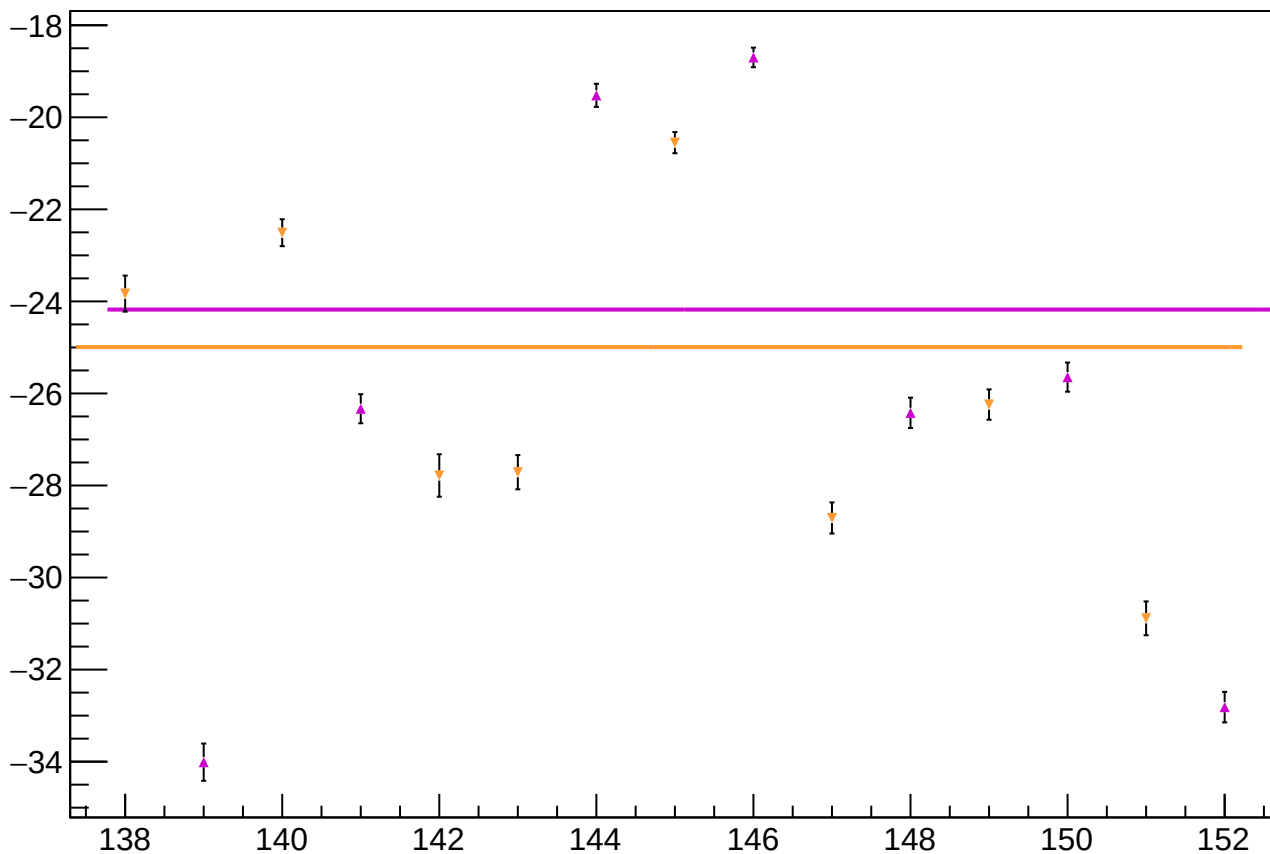
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.850+/-0.078 χ^2/NDF :305.8/7
 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: 2.342+/-0.054 χ^2/NDF : 627.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.876+/-0.074 χ^2/NDF :240.0/6
 Out: 2.850+/-0.078 χ^2/NDF :305.8/7
 All: 2.342+/-0.054 χ^2/NDF : 627.6/14

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: -24.993+/-0.116 χ^2/NDF :934.9/7

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: -24.564+/-0.080 χ^2/NDF : 3352.5/14

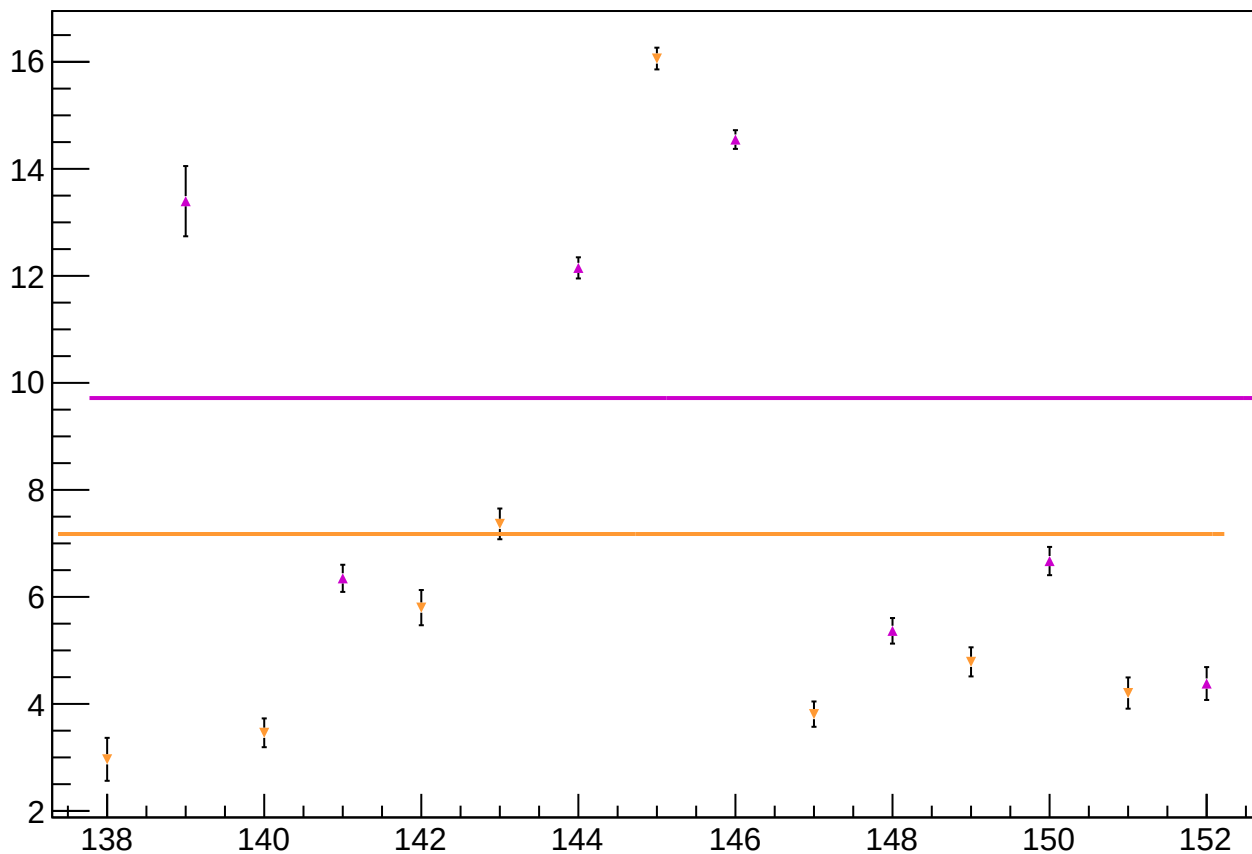
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Out: -24.993+/-0.116 χ^2/NDF :934.9/7

All: -24.564+/-0.080 χ^2/NDF : 3352.5/14

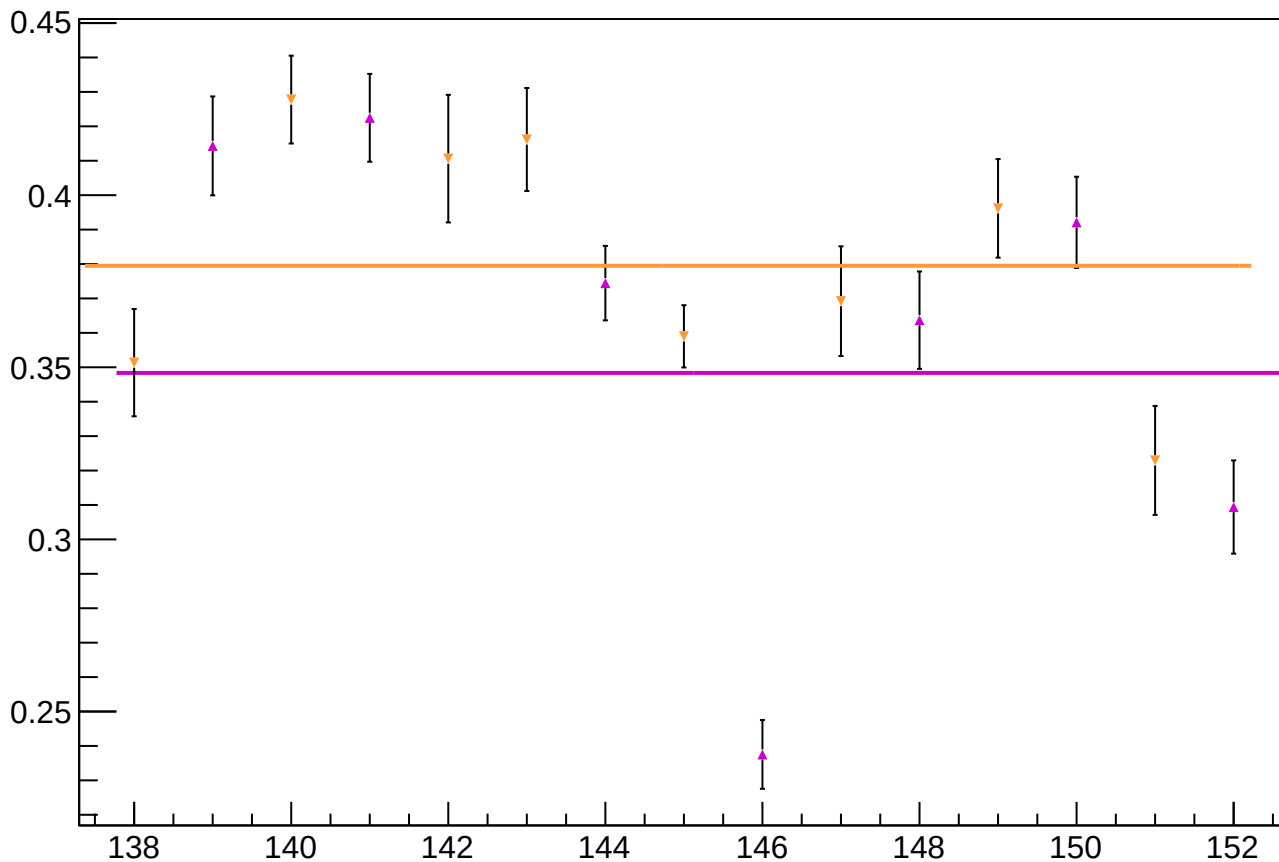
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.176+/-0.096 χ^2/NDF :2614.3/7
 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: 8.501+/-0.066 χ^2/NDF : 4869.2/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.717+/-0.092 χ^2/NDF :1888.7/6
 Out: 7.176+/-0.096 χ^2/NDF :2614.3/7
 All: 8.501+/-0.066 χ^2/NDF : 4869.2/14

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.379+/-0.005 χ^2/NDF :46.1/7

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

Left In: 0.348+/-0.005 χ^2/NDF :204.1/6

Left: 0.363+/-0.003 χ^2/NDF : 271.6/14

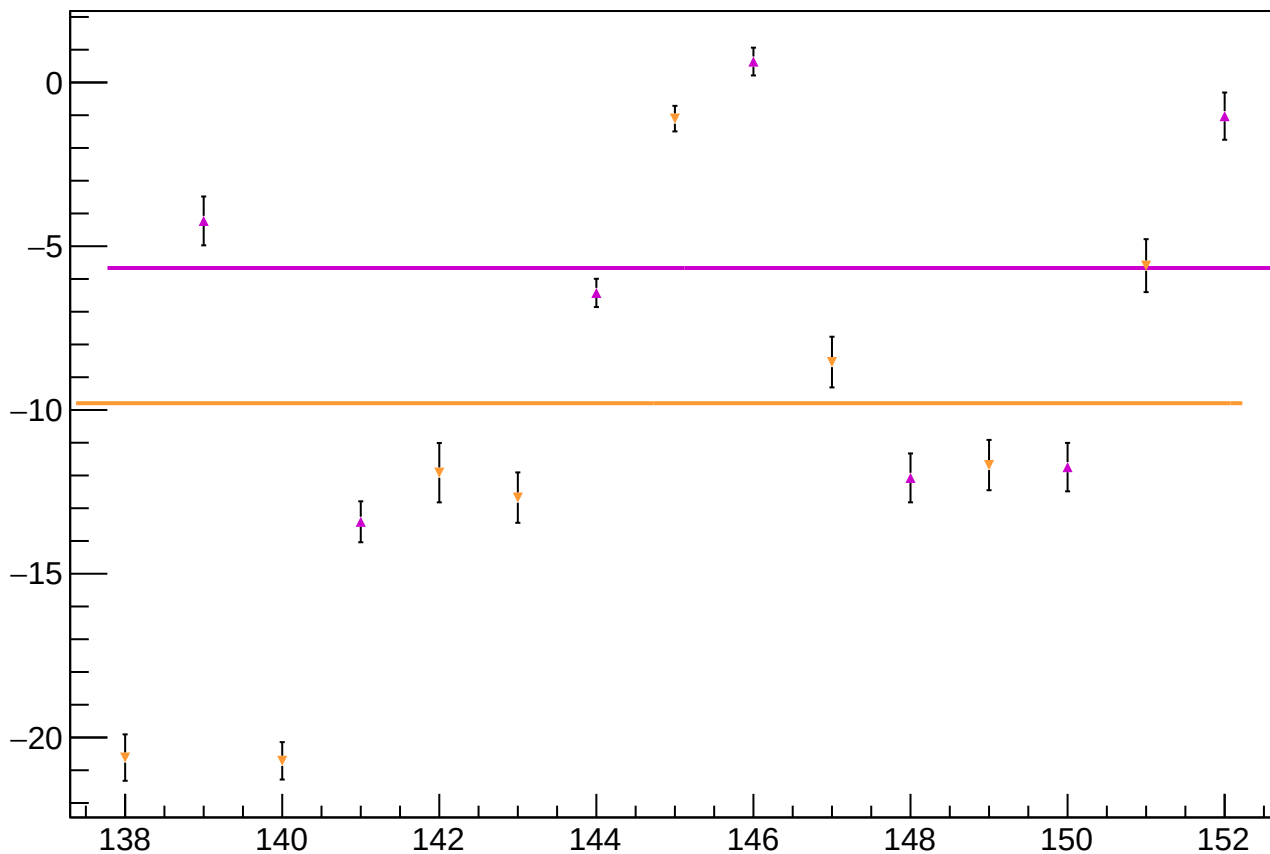
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.348+/-0.005 χ^2/NDF :204.1/6

Out: 0.379+/-0.005 χ^2/NDF :46.1/7

All: 0.363+/-0.003 χ^2/NDF : 271.6/14

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: -9.793+/-0.227 χ^2/NDF :1149.7/7

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: -7.657+/-0.158 χ^2/NDF : 1885.0/14

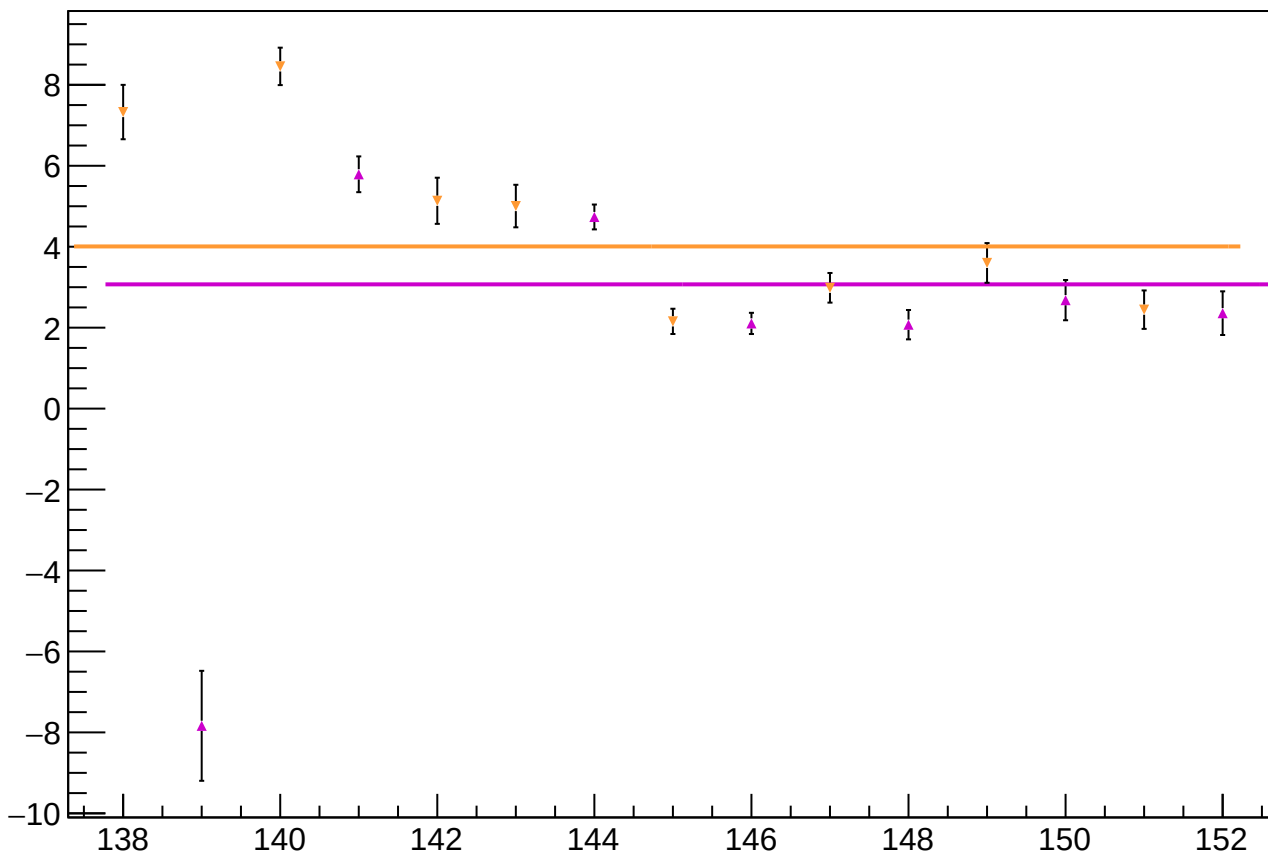
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.665+/-0.219 χ^2/NDF :564.0/6

Out: -9.793+/-0.227 χ^2/NDF :1149.7/7

All: -7.657+/-0.158 χ^2/NDF : 1885.0/14

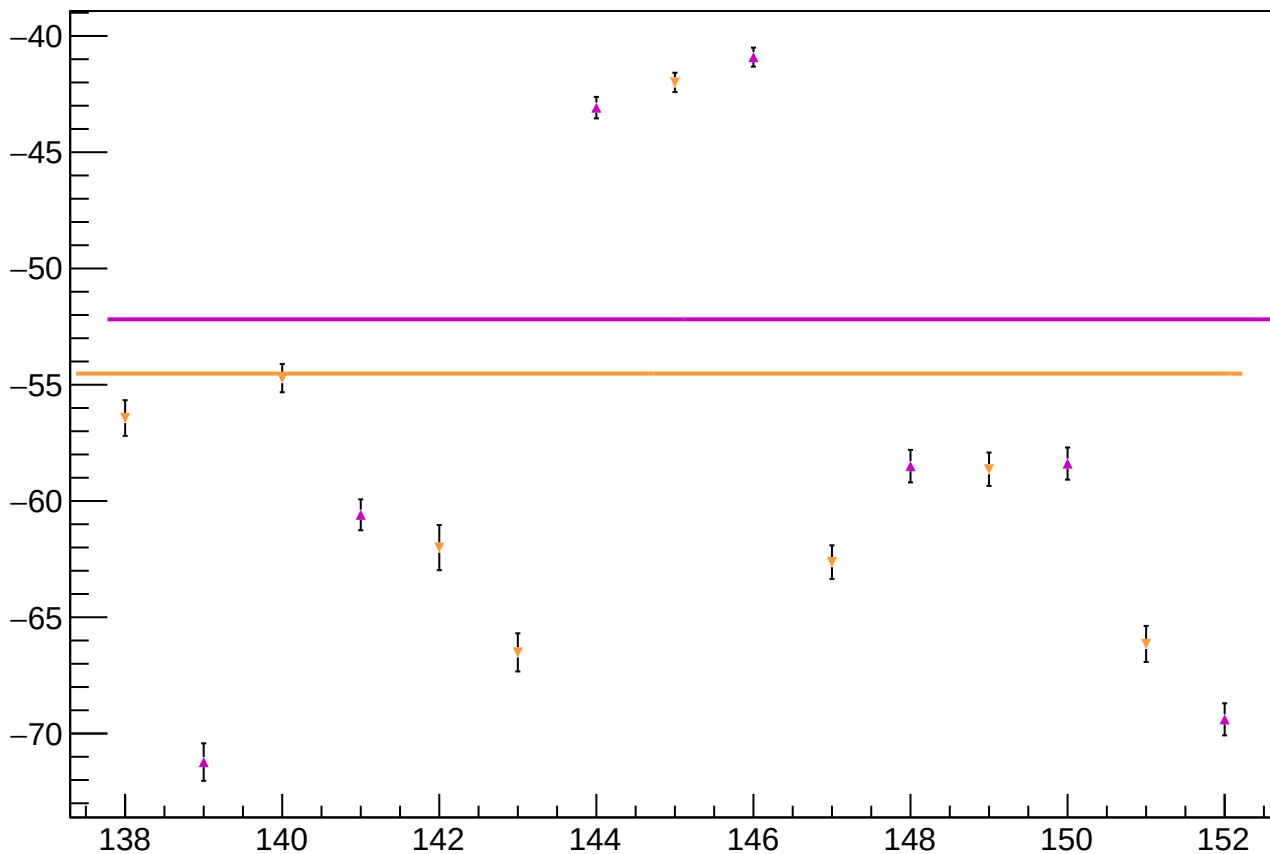
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.007 $\pm$ 0.158 χ^2 /NDF:179.0/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.070 $\pm$ 0.148 χ^2 /NDF:155.2/6

Left: 3.506 $\pm$ 0.108 χ^2 /NDF: 352.9/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.070 $\pm$ 0.148 χ^2 /NDF:155.2/6
 Out: 4.007 $\pm$ 0.158 χ^2 /NDF:179.0/7
 All: 3.506 $\pm$ 0.108 χ^2 /NDF: 352.9/14

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



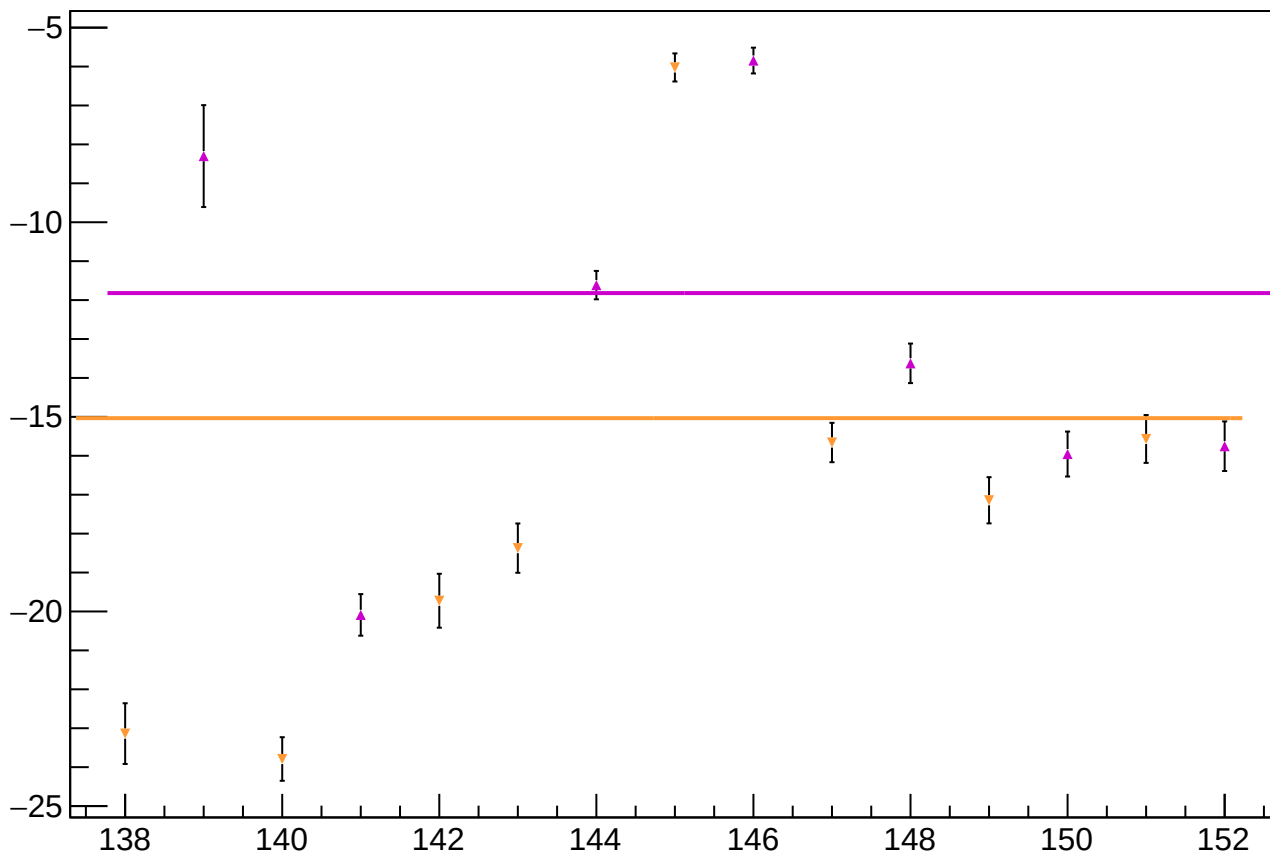
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -54.520 ± 0.234 $\chi^2/\text{NDF}: 1569.8/7$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -52.187 ± 0.220 $\chi^2/\text{NDF}: 2654.3/6$

Left: -53.279 ± 0.160 $\chi^2/\text{NDF}: 4276.9/14$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -52.187 ± 0.220 $\chi^2/\text{NDF}: 2654.3/6$
 Out: -54.520 ± 0.234 $\chi^2/\text{NDF}: 1569.8/7$

All: -53.279 ± 0.160 $\chi^2/\text{NDF}: 4276.9/14$

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: -15.033+/-0.194 χ^2/NDF :1064.6/7

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: -13.325+/-0.133 χ^2/NDF : 1884.8/14

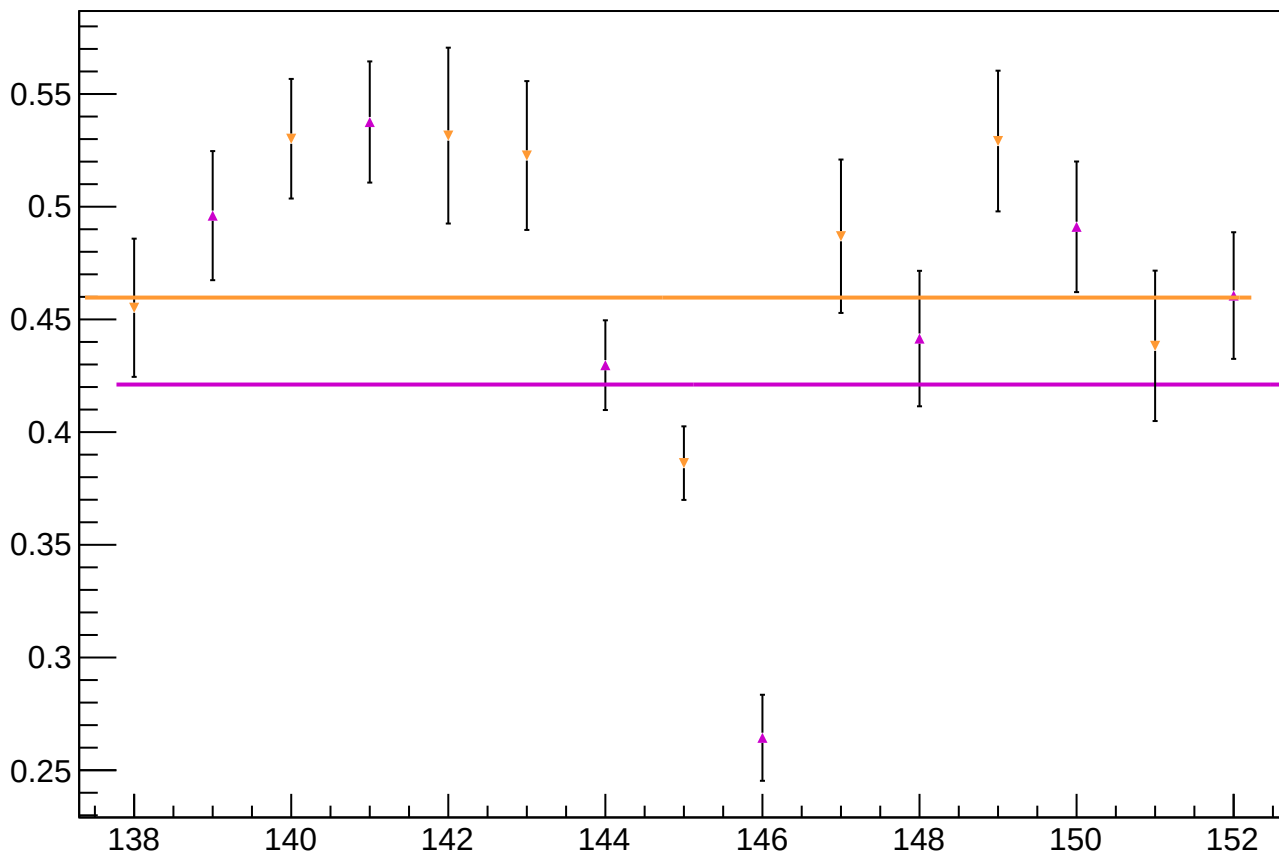
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.820+/-0.182 χ^2/NDF :674.7/6

Out: -15.033+/-0.194 χ^2/NDF :1064.6/7

All: -13.325+/-0.133 χ^2/NDF : 1884.8/14

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+/-0.010 χ^2/NDF : 40.4/7

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: 0.440+/-0.007 χ^2/NDF : 150.1/14

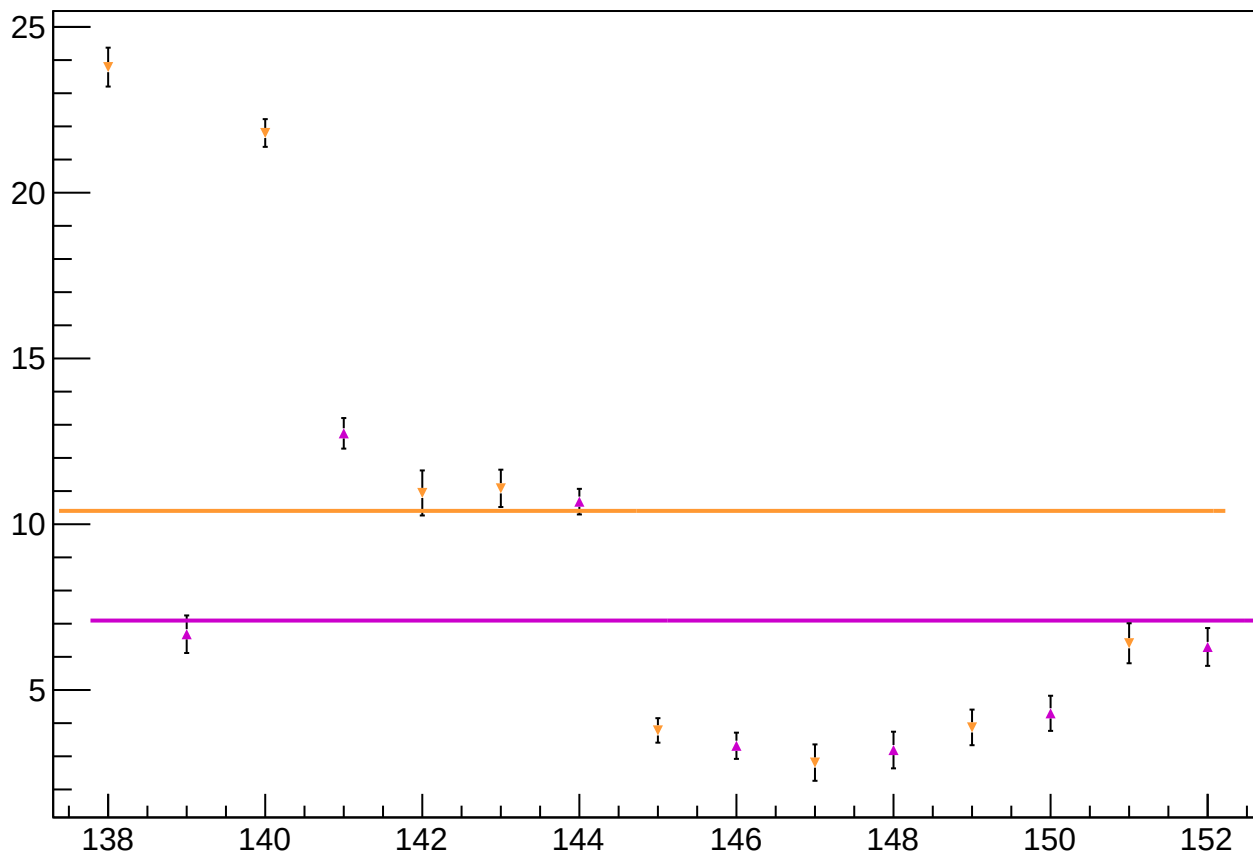
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.421+/-0.009 χ^2/NDF : 101.5/6

Out: 0.460+/-0.010 χ^2/NDF : 40.4/7

All: 0.440+/-0.007 χ^2/NDF : 150.1/14

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: 10.403+/-0.180 χ^2/NDF :1969.4/7

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: 8.748+/-0.127 χ^2/NDF : 2545.6/14

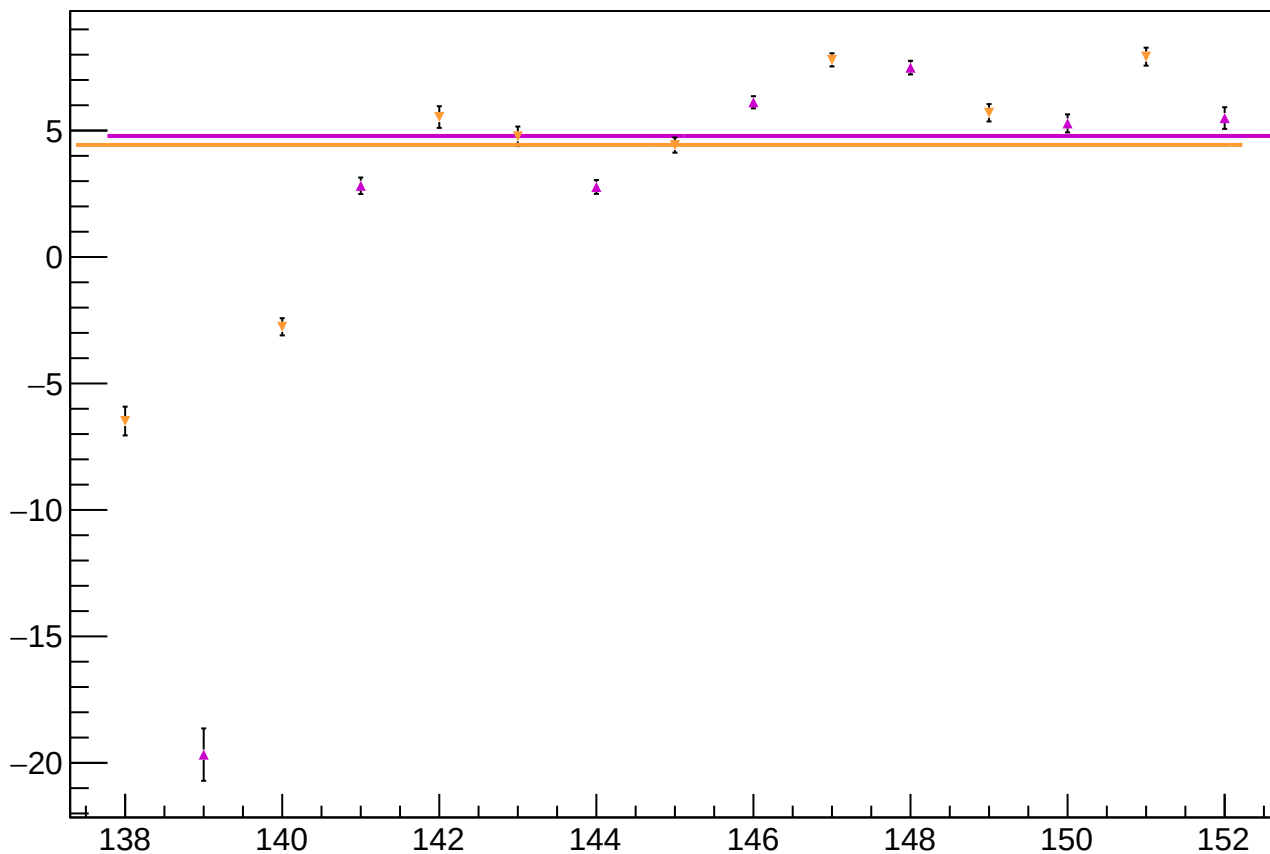
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.095+/-0.180 χ^2/NDF :407.6/6

Out: 10.403+/-0.180 χ^2/NDF :1969.4/7

All: 8.748+/-0.127 χ^2/NDF : 2545.6/14

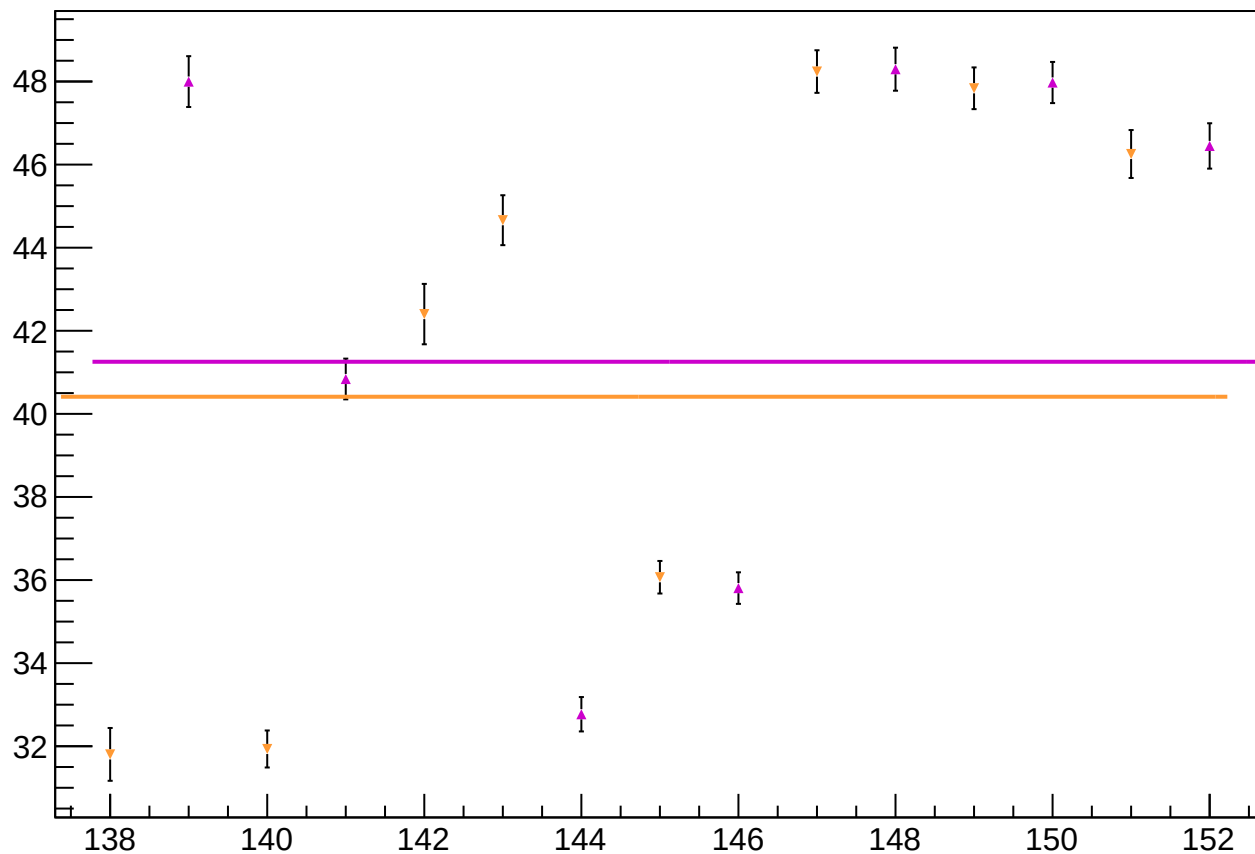
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.433+/-0.123 χ^2/NDF :1100.5/7
 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: 4.611+/-0.086 χ^2/NDF : 1888.4/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.786+/-0.121 χ^2/NDF :783.7/6
 Out: 4.433+/-0.123 χ^2/NDF :1100.5/7
 All: 4.611+/-0.086 χ^2/NDF : 1888.4/14

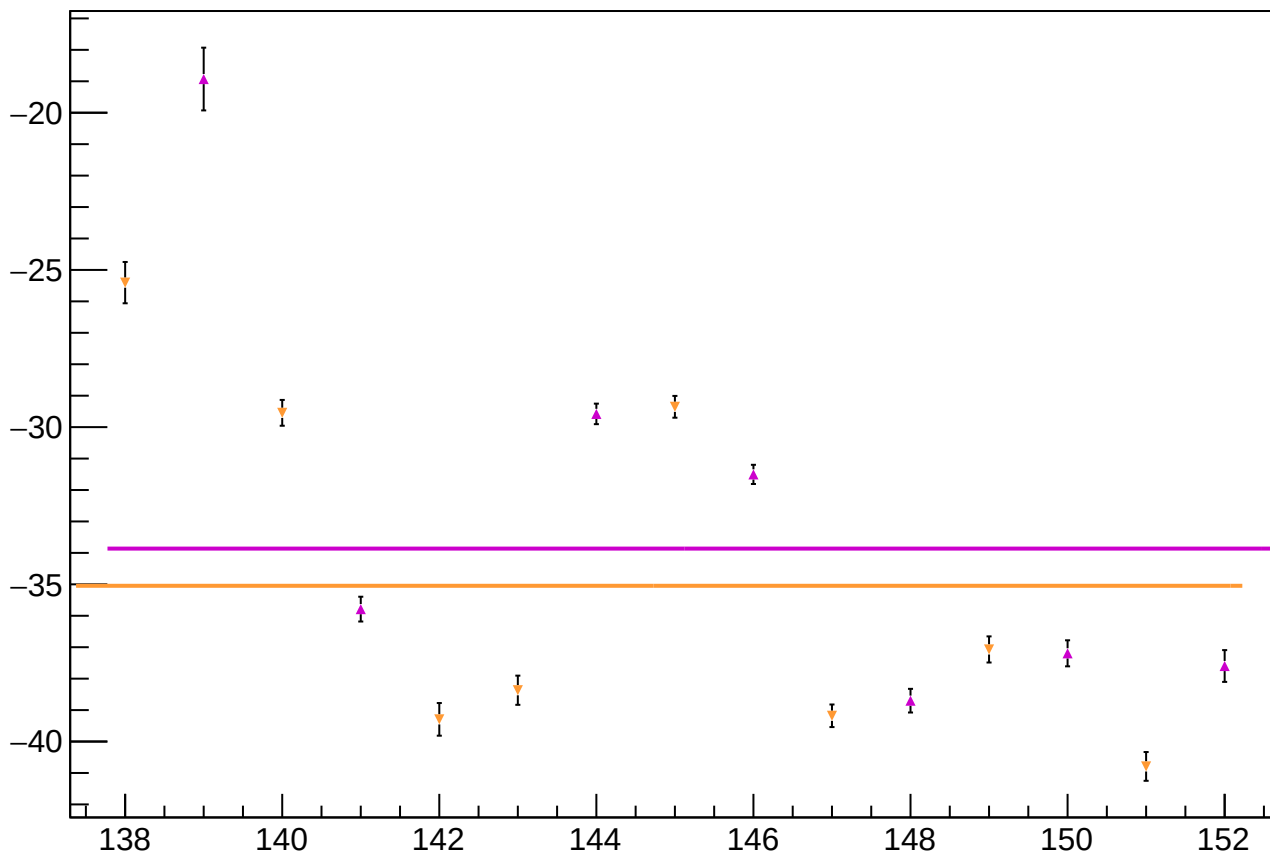
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.412+/-0.184 χ^2/NDF :1280.4/7
 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: 40.842+/-0.129 χ^2/NDF : 2498.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.254+/-0.180 χ^2/NDF :1207.8/6
 Out: 40.412+/-0.184 χ^2/NDF :1280.4/7
 All: 40.842+/-0.129 χ^2/NDF : 2498.8/14

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: -35.046+/-0.152 χ^2/NDF :1097.0/7

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: -34.447+/-0.107 χ^2/NDF : 1892.0/14

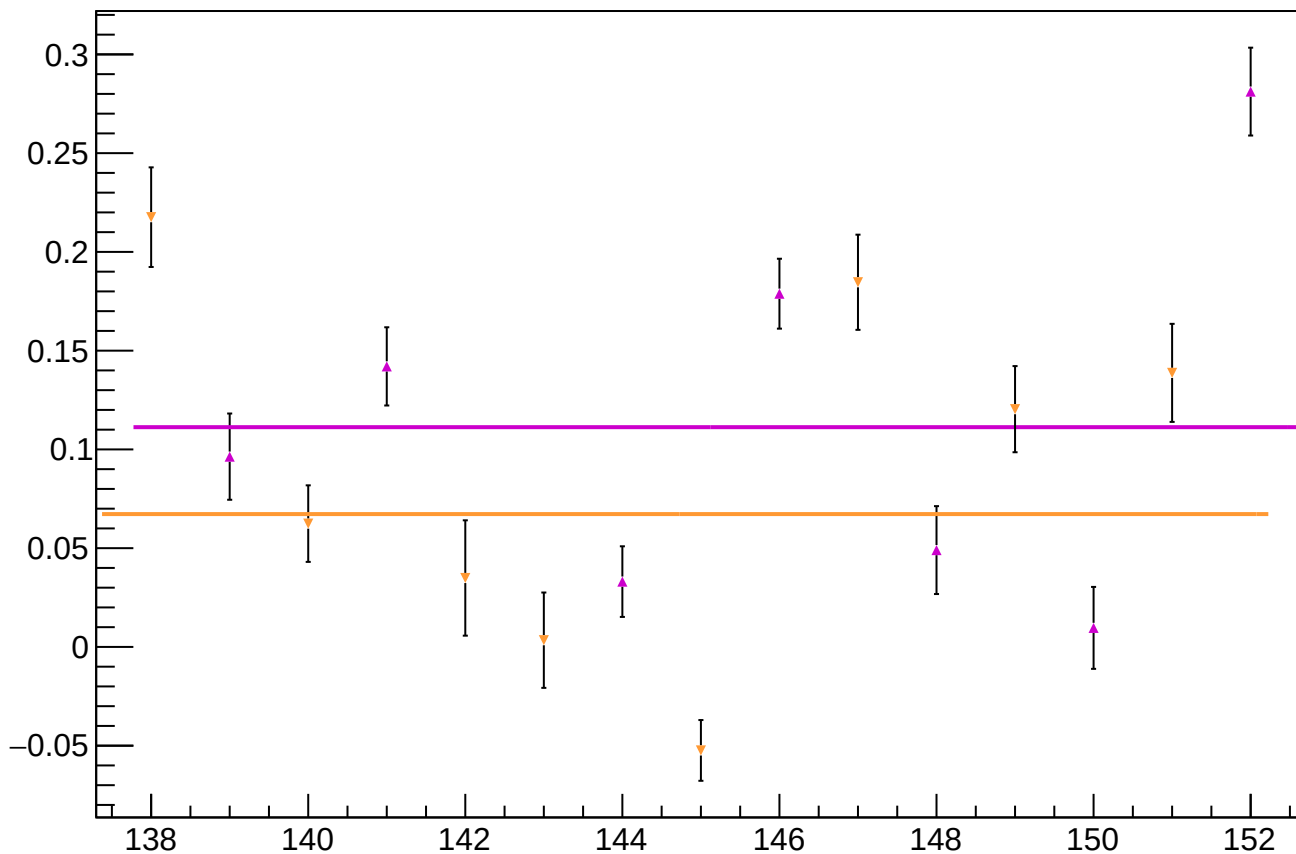
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.863+/-0.150 χ^2/NDF :764.4/6

Out: -35.046+/-0.152 χ^2/NDF :1097.0/7

All: -34.447+/-0.107 χ^2/NDF : 1892.0/14

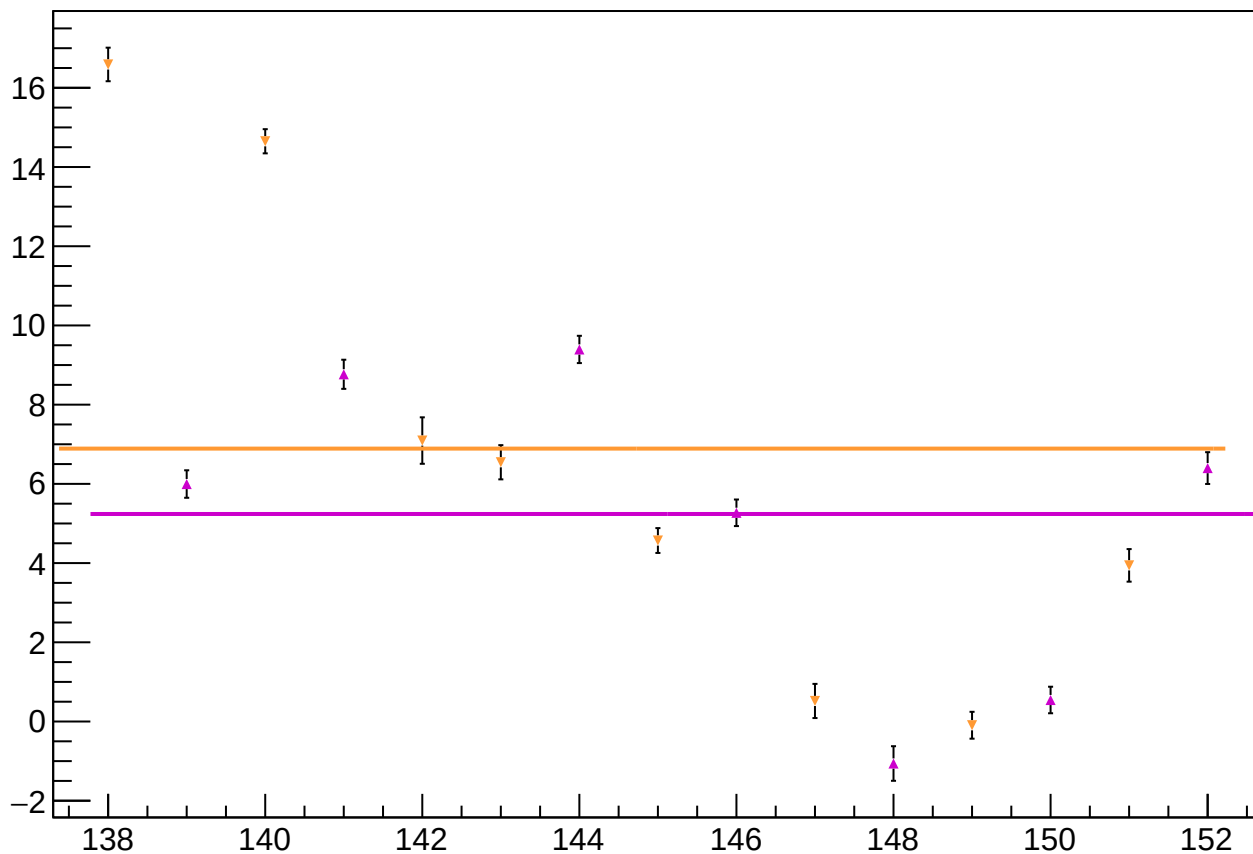
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.067 $\pm$ 0.008 χ^2 /NDF:142.3/7
 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: 0.090 $\pm$ 0.005 χ^2 /NDF: 285.6/14
 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: 0.067 $\pm$ 0.008 χ^2 /NDF:142.3/7
 All: 0.090 $\pm$ 0.005 χ^2 /NDF: 285.6/14

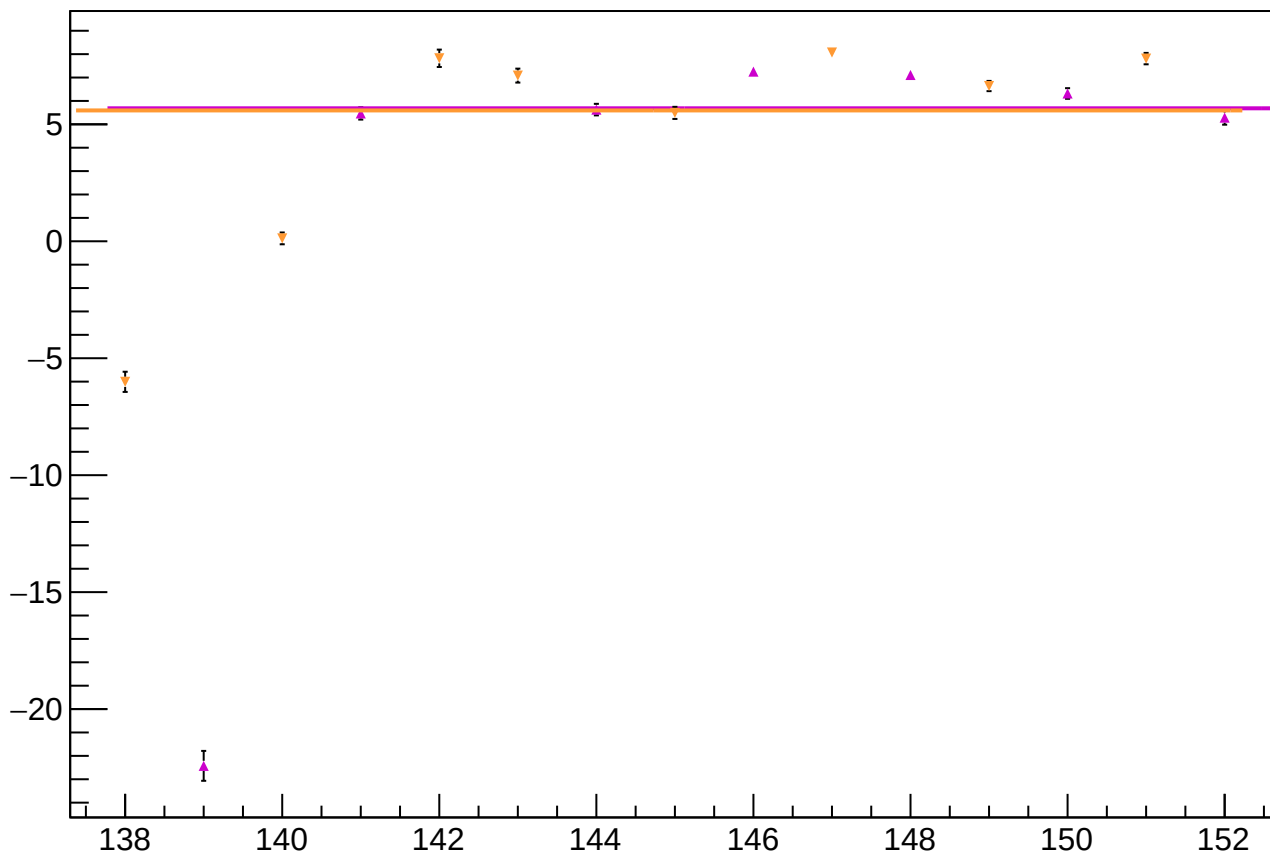
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.890+/-0.135 χ^2/NDF :1919.7/7
 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: 6.075+/-0.096 χ^2/NDF : 2648.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.240+/-0.137 χ^2/NDF :655.2/6
 Out: 6.890+/-0.135 χ^2/NDF :1919.7/7
 All: 6.075+/-0.096 χ^2/NDF : 2648.6/14

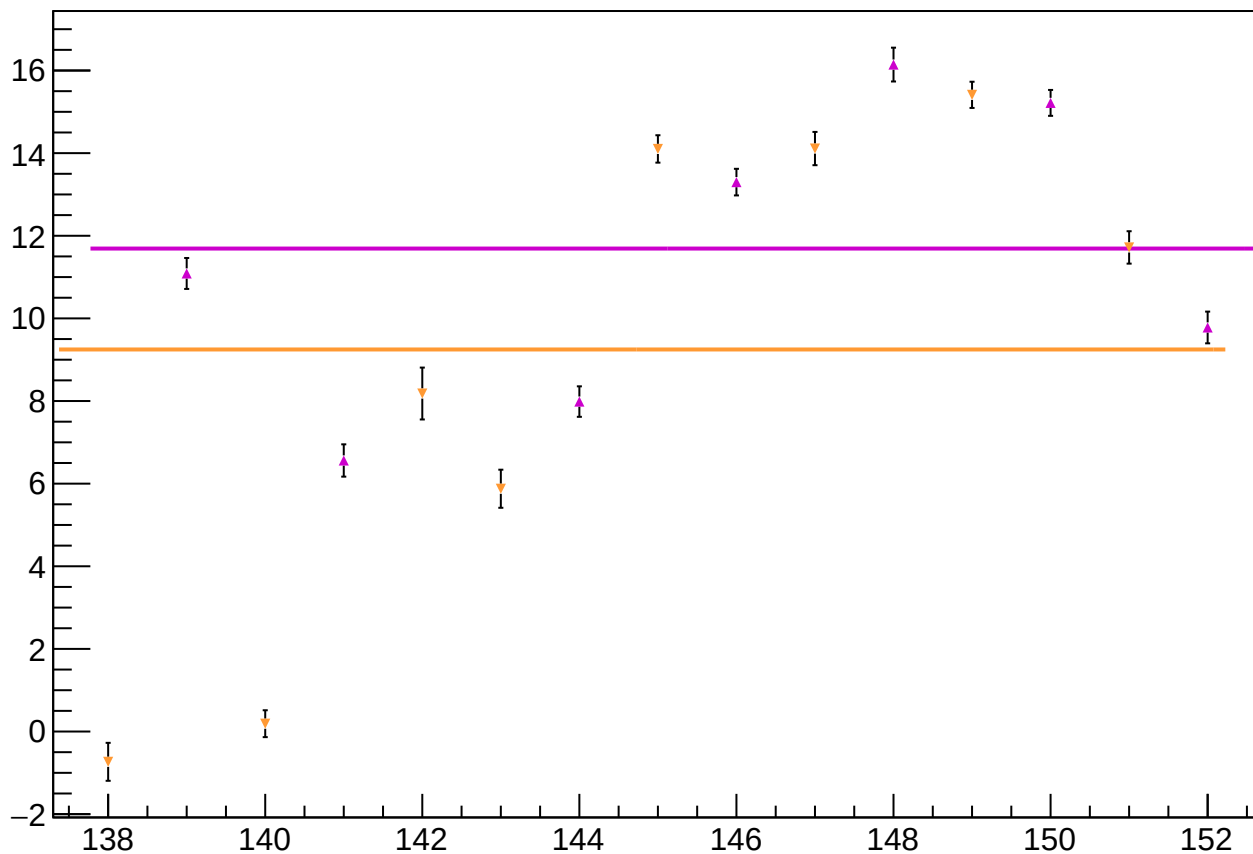
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.594+/-0.093 χ^2/NDF :1500.5/7
 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: 5.638+/-0.067 χ^2/NDF : 3544.4/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.685+/-0.097 χ^2/NDF :2043.5/6
 Out: 5.594+/-0.093 χ^2/NDF :1500.5/7
 All: 5.638+/-0.067 χ^2/NDF : 3544.4/14

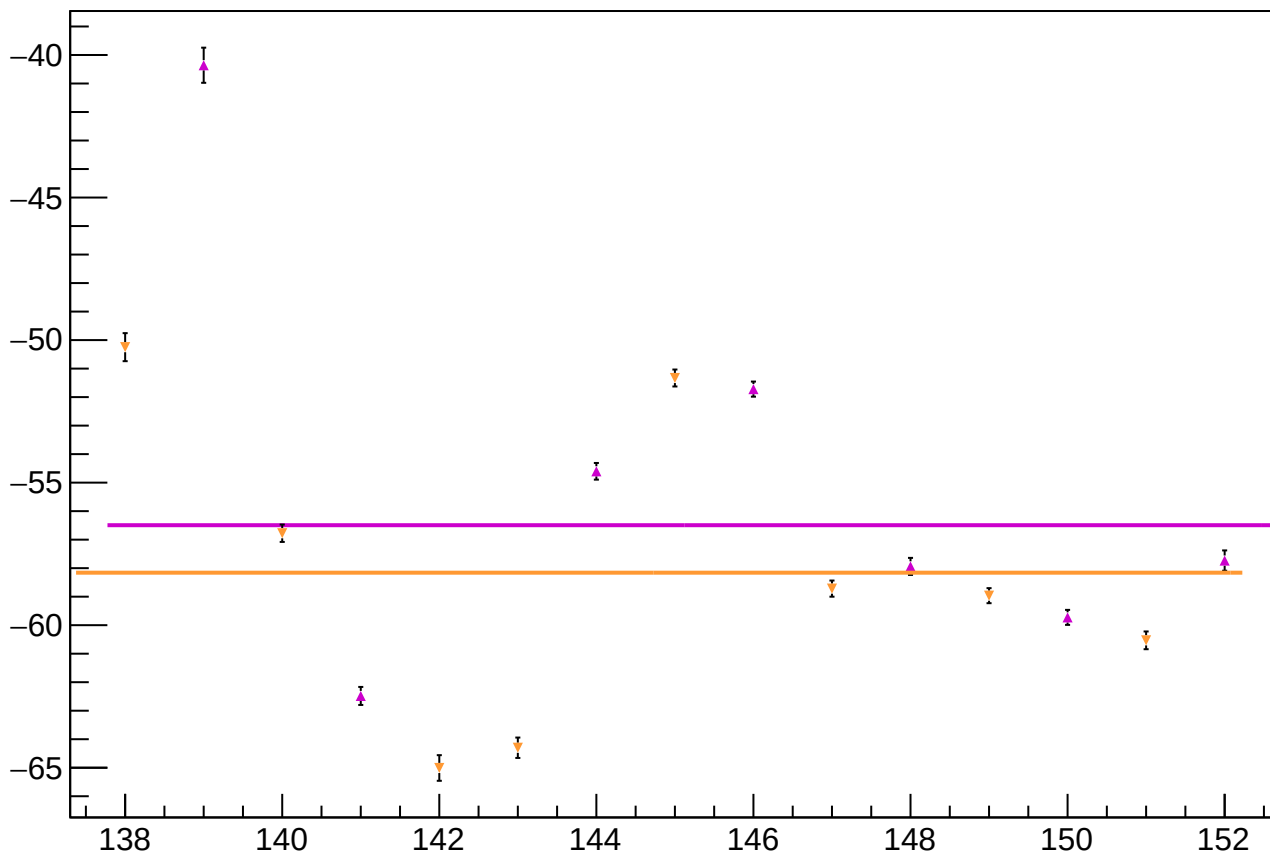
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.248 $\pm$ 0.137 χ^2 /NDF:2081.2/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6

Left: 10.474 $\pm$ 0.097 χ^2 /NDF: 2810.3/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6
 Out: 9.248 $\pm$ 0.137 χ^2 /NDF:2081.2/7
 All: 10.474 $\pm$ 0.097 χ^2 /NDF: 2810.3/14

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



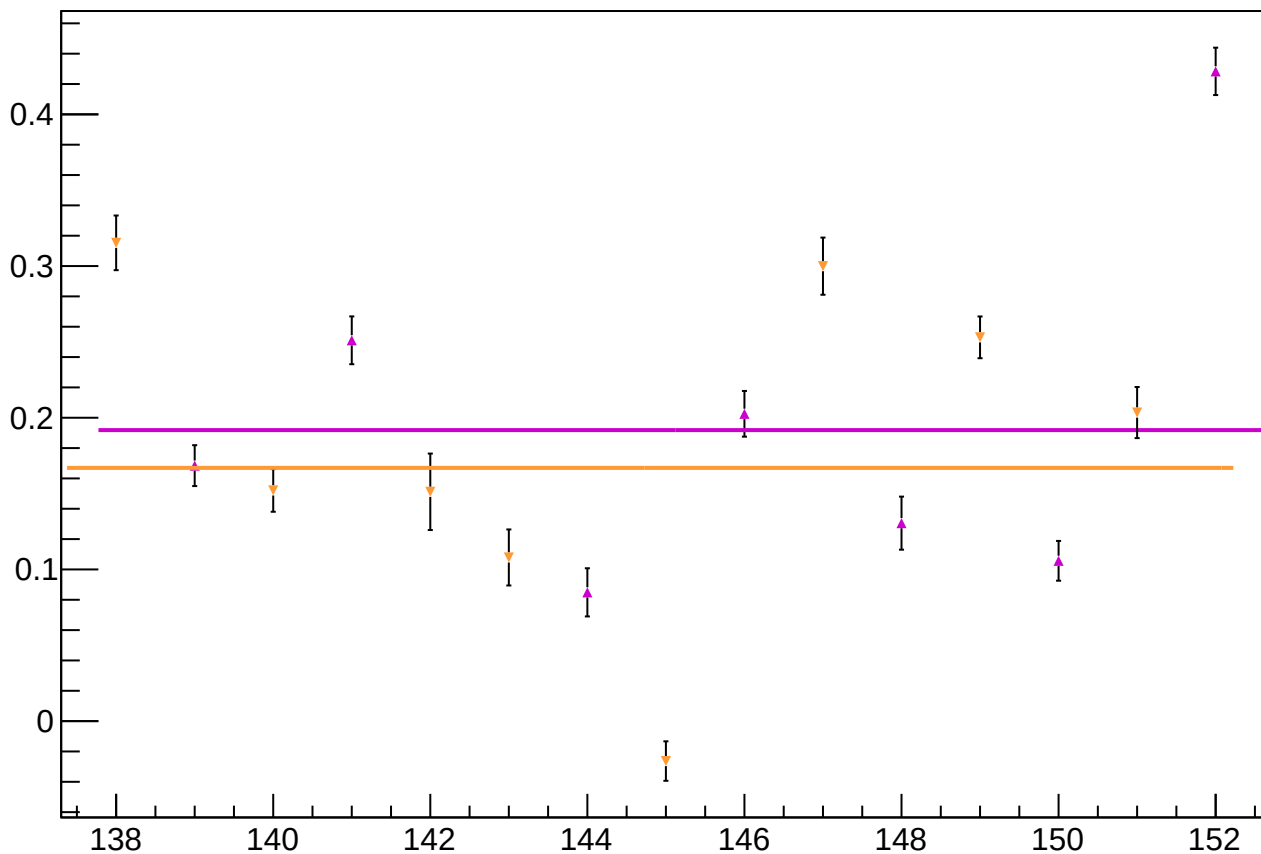
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.159+/-0.115 χ^2/NDF :1405.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Left: -57.348+/-0.082 χ^2/NDF : 3106.2/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.493+/-0.118 χ^2/NDF :1597.6/6
 Out: -58.159+/-0.115 χ^2/NDF :1405.9/7

All: -57.348+/-0.082 χ^2/NDF : 3106.2/14

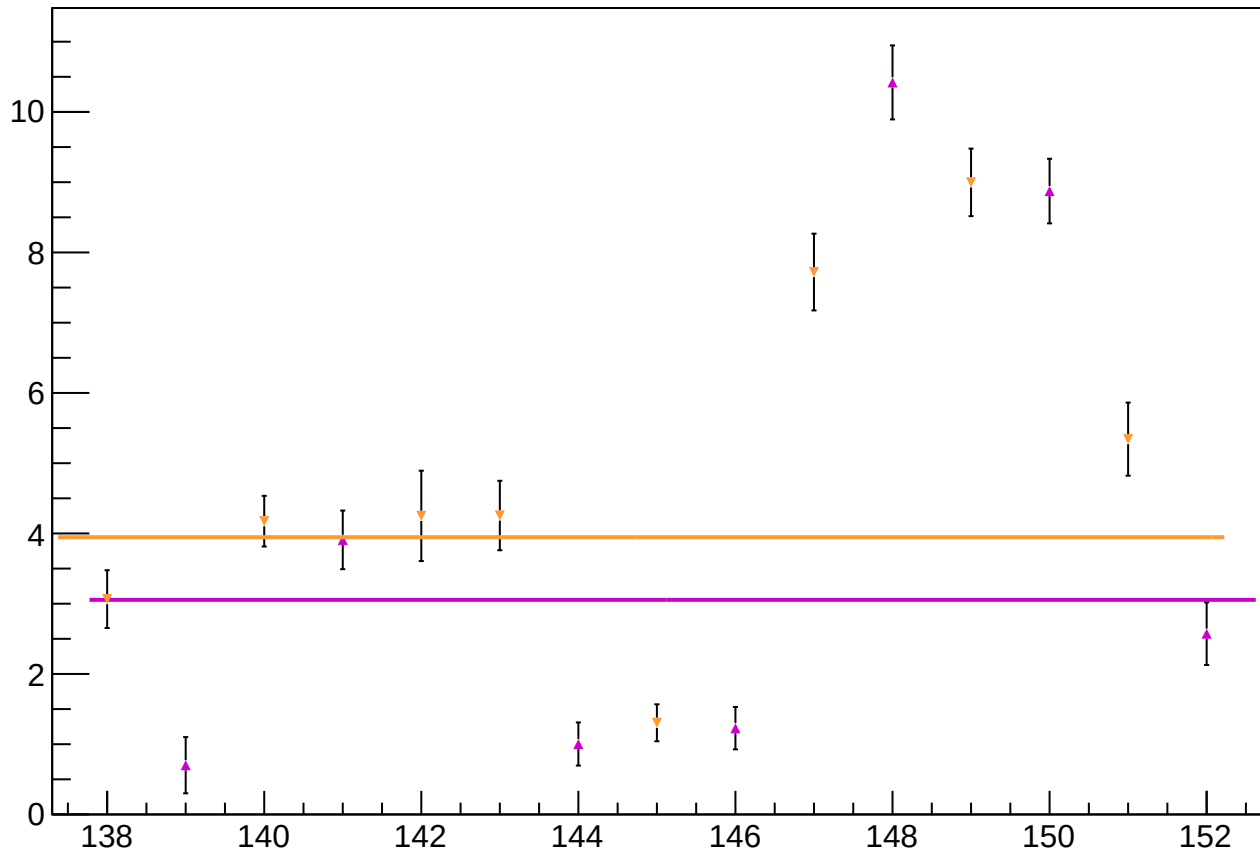
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.167 $\pm$ 0.006 χ^2 /NDF:393.8/7
 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: 0.180 $\pm$ 0.004 χ^2 /NDF: 751.1/14
 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: 0.167 $\pm$ 0.006 χ^2 /NDF:393.8/7
 All: 0.180 $\pm$ 0.004 χ^2 /NDF: 751.1/14

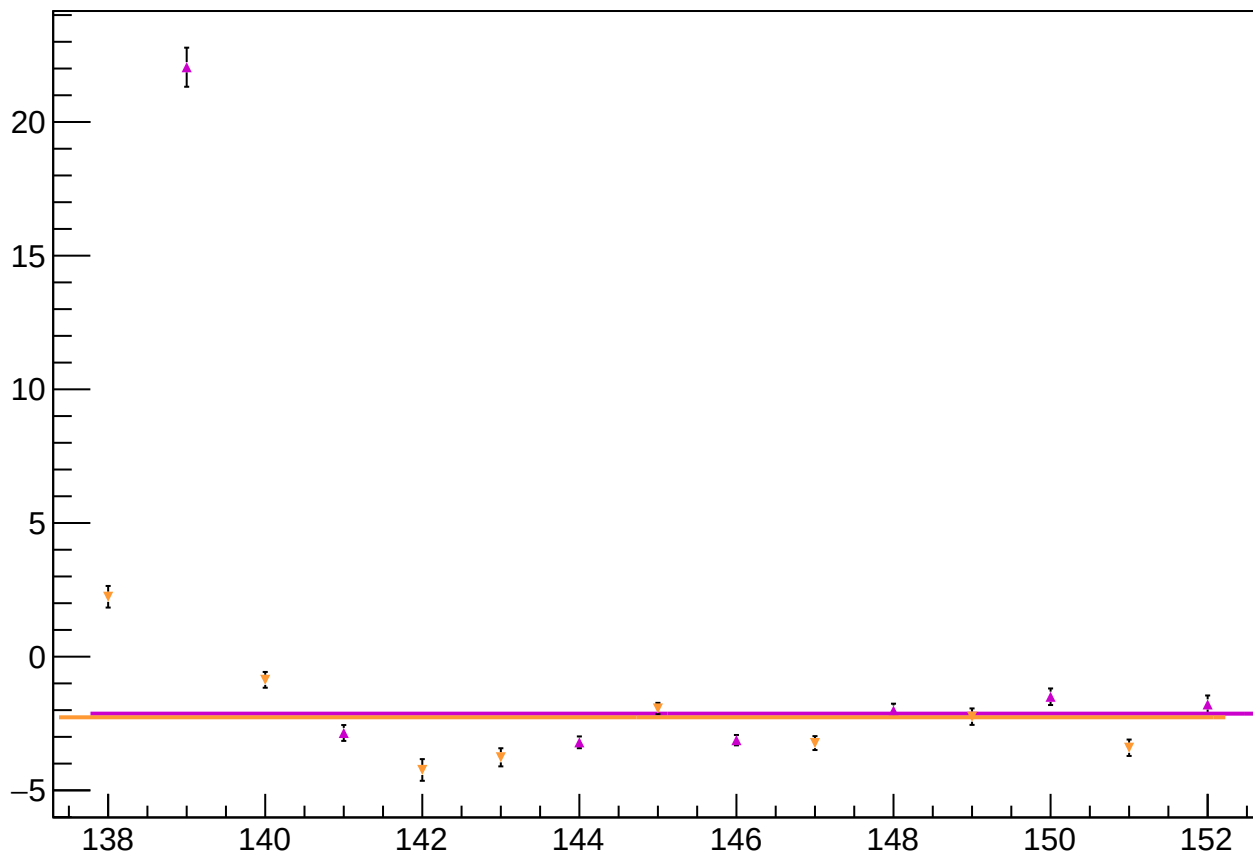
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.947 $\pm$ 0.148 χ^2 /NDF:271.9/7
 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: 3.496 $\pm$ 0.104 χ^2 /NDF: 767.3/14
 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: 3.947 $\pm$ 0.148 χ^2 /NDF:271.9/7
 All: 3.496 $\pm$ 0.104 χ^2 /NDF: 767.3/14

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: -2.268+/-0.105 χ^2/NDF :220.0/7
 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: -2.199+/-0.073 χ^2/NDF : 1376.2/14

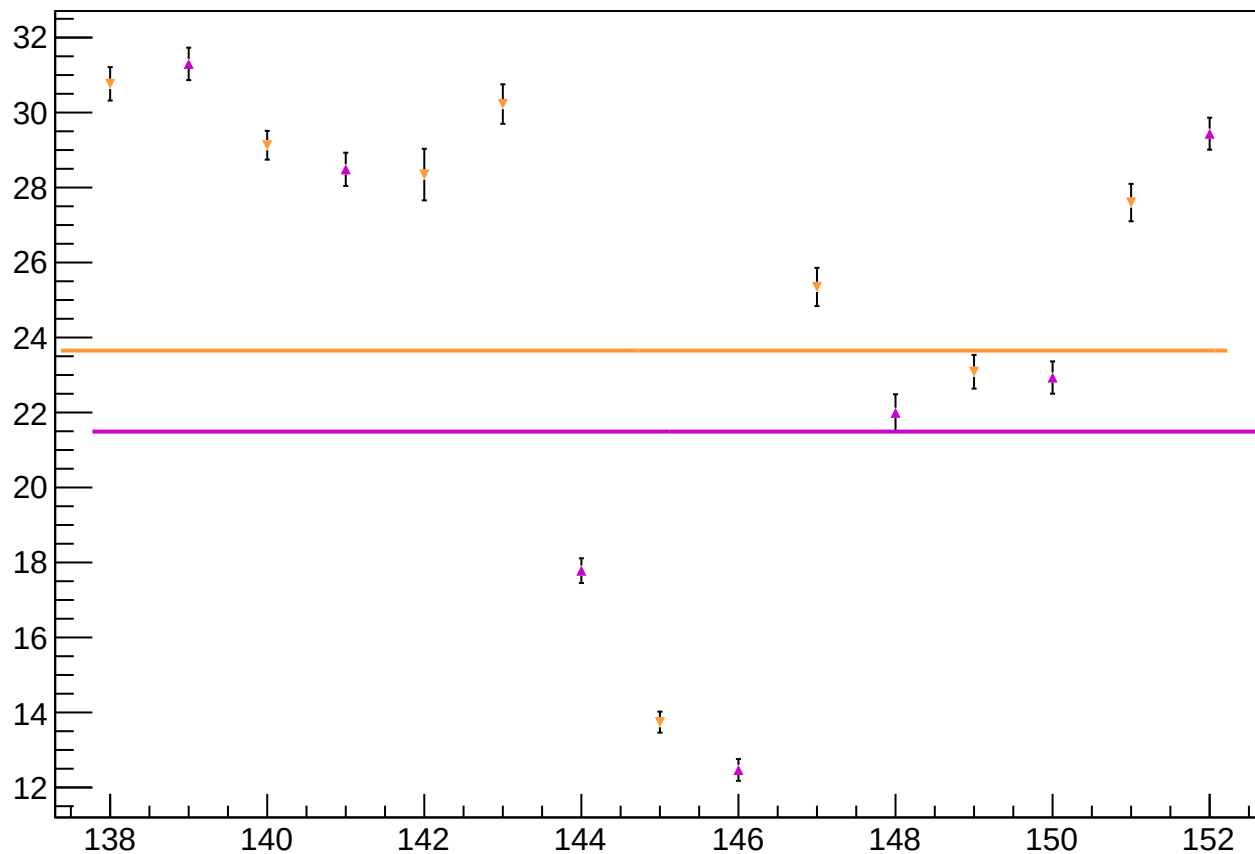
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.132+/-0.103 χ^2/NDF :1155.3/6

Out: -2.268+/-0.105 χ^2/NDF :220.0/7

All: -2.199+/-0.073 χ^2/NDF : 1376.2/14

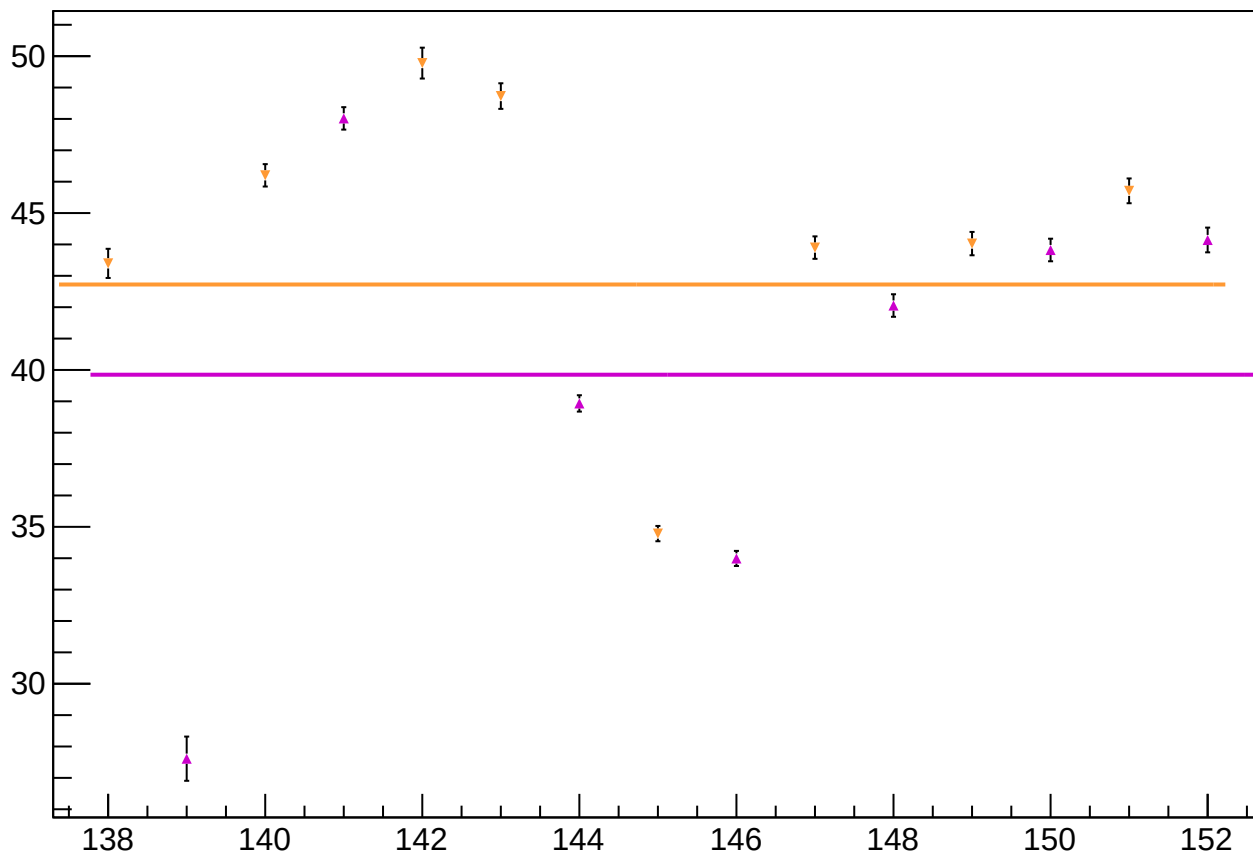
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 23.652 $\pm$ 0.152 χ^2 /NDF:1984.9/7
 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: 22.530 $\pm$ 0.106 χ^2 /NDF: 4305.7/14
 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: 23.652 $\pm$ 0.152 χ^2 /NDF:1984.9/7
 All: 22.530 $\pm$ 0.106 χ^2 /NDF: 4305.7/14

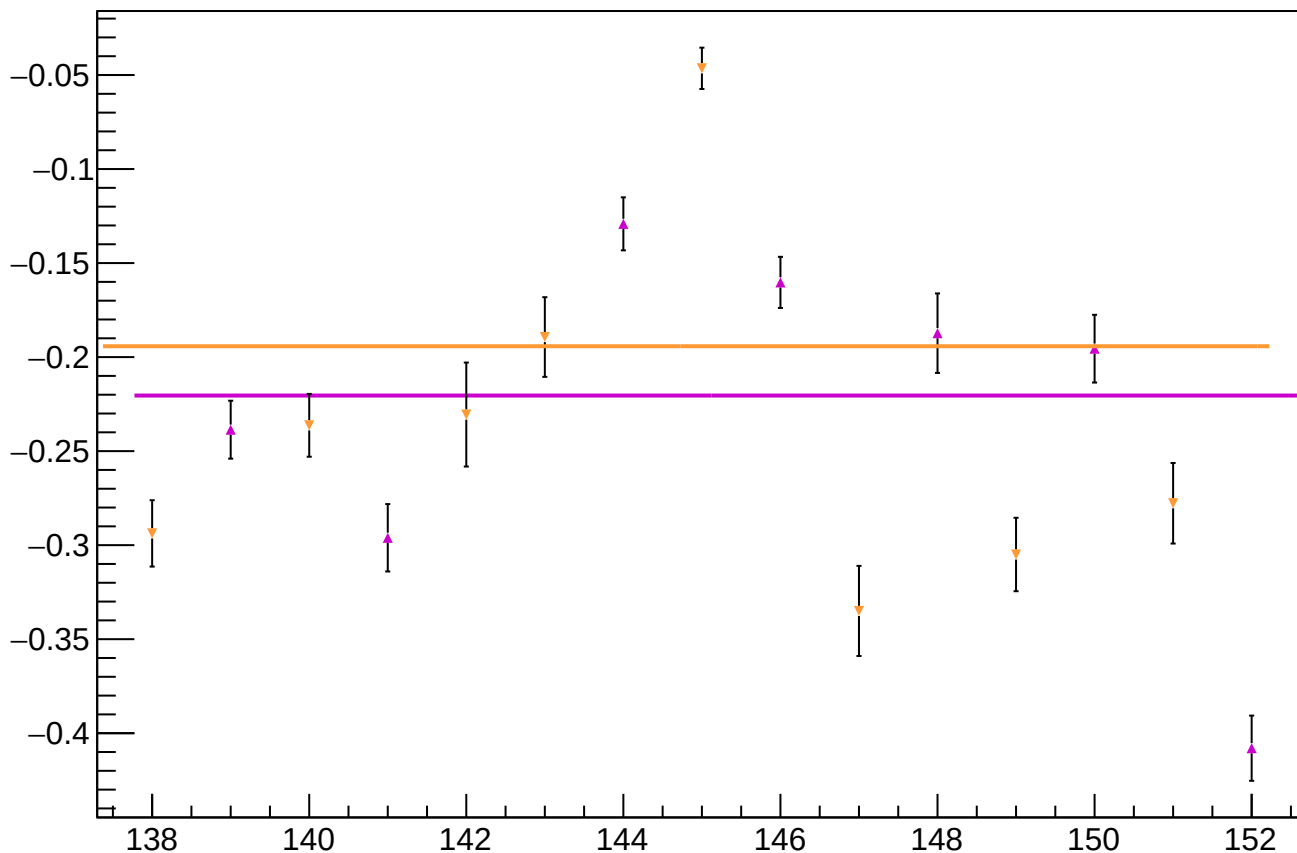
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.723+/-0.128 χ^2/NDF :1658.4/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Left: 41.253+/-0.090 χ^2/NDF : 3622.4/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.848+/-0.125 χ^2/NDF :1706.7/6
 Out: 42.723+/-0.128 χ^2/NDF :1658.4/7
 All: 41.253+/-0.090 χ^2/NDF : 3622.4/14

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: -0.194+/-0.006 χ^2/NDF :302.8/7

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: -0.208+/-0.004 χ^2/NDF : 513.8/14

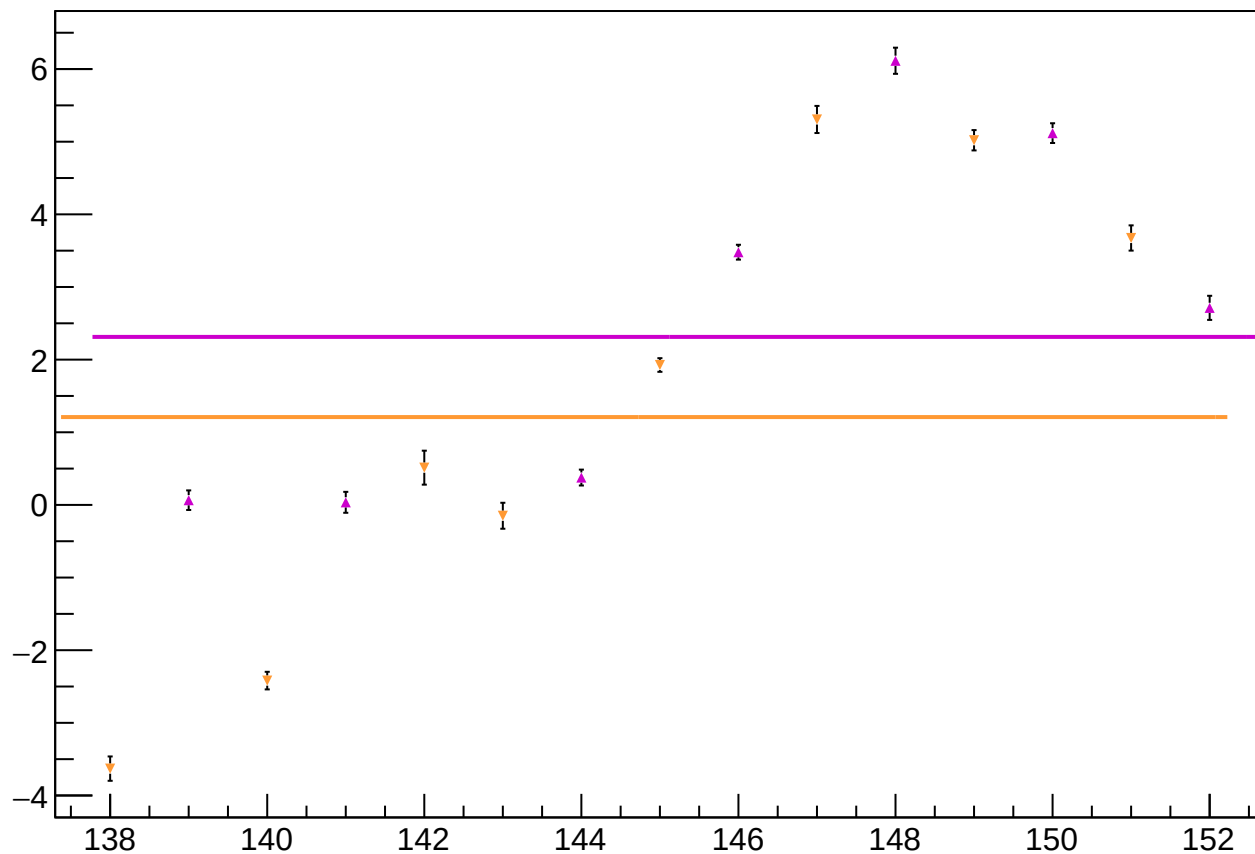
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.220+/-0.006 χ^2/NDF :202.1/6

Out: -0.194+/-0.006 χ^2/NDF :302.8/7

All: -0.208+/-0.004 χ^2/NDF : 513.8/14

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: 1.209 $\pm$ 0.051 χ^2 /NDF:3281.0/7

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: 1.778 $\pm$ 0.036 χ^2 /NDF: 5368.1/14

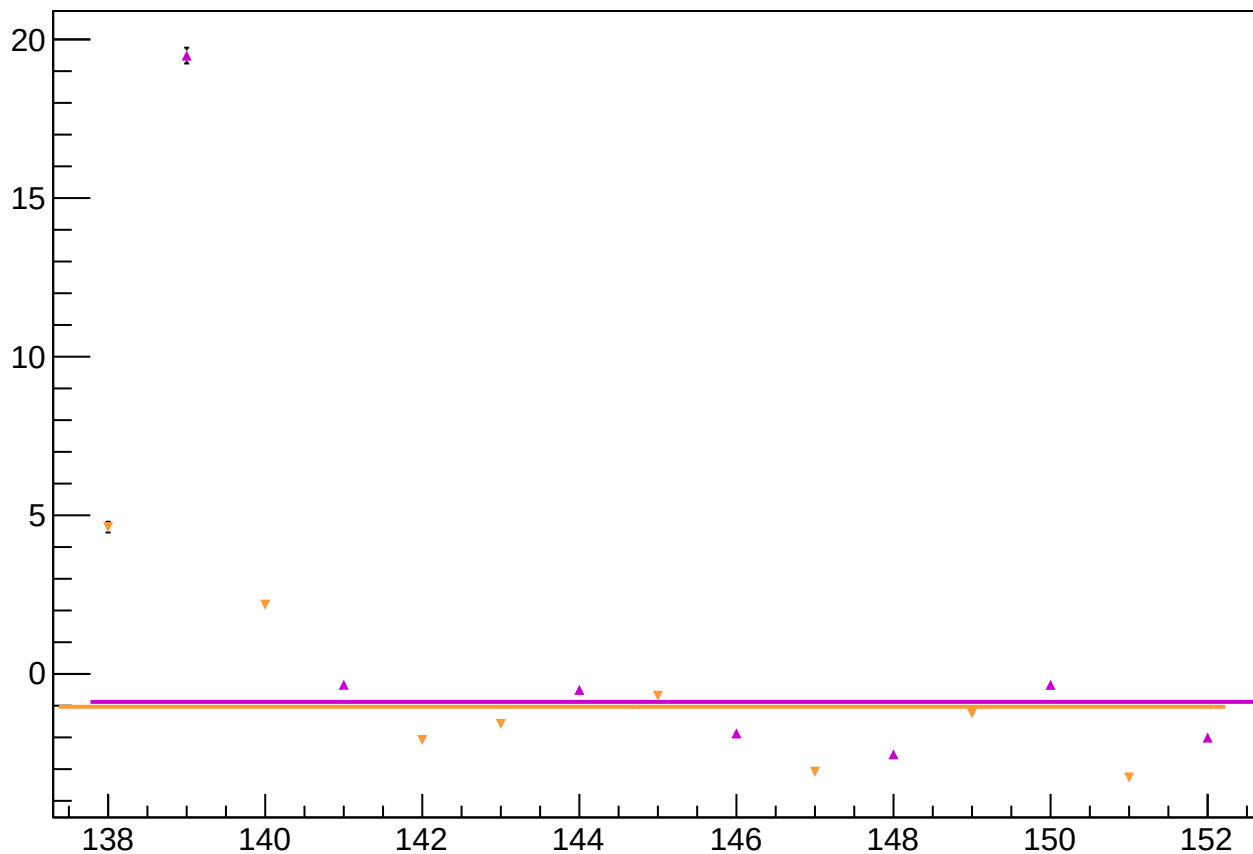
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6

Out: 1.209 $\pm$ 0.051 χ^2 /NDF:3281.0/7

All: 1.778 $\pm$ 0.036 χ^2 /NDF: 5368.1/14

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: -1.034+/-0.036 χ^2/NDF : 3244.0/7

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: -0.955+/-0.025 χ^2/NDF : 10669.0/14

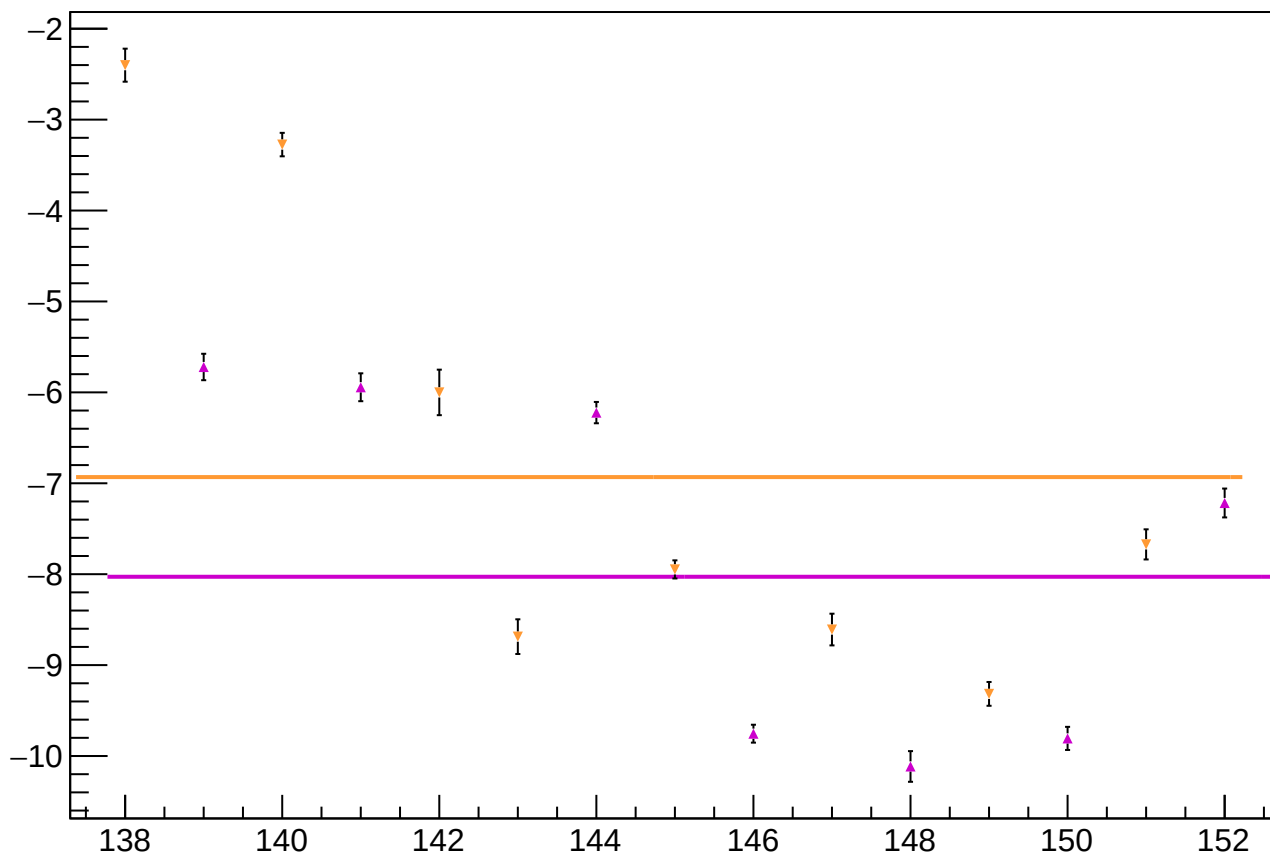
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Out: -1.034+/-0.036 χ^2/NDF : 3244.0/7

All: -0.955+/-0.025 χ^2/NDF : 10669.0/14

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: -6.932+/-0.053 χ^2/NDF :2072.5/7

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: -7.509+/-0.036 χ^2/NDF : 3657.4/14

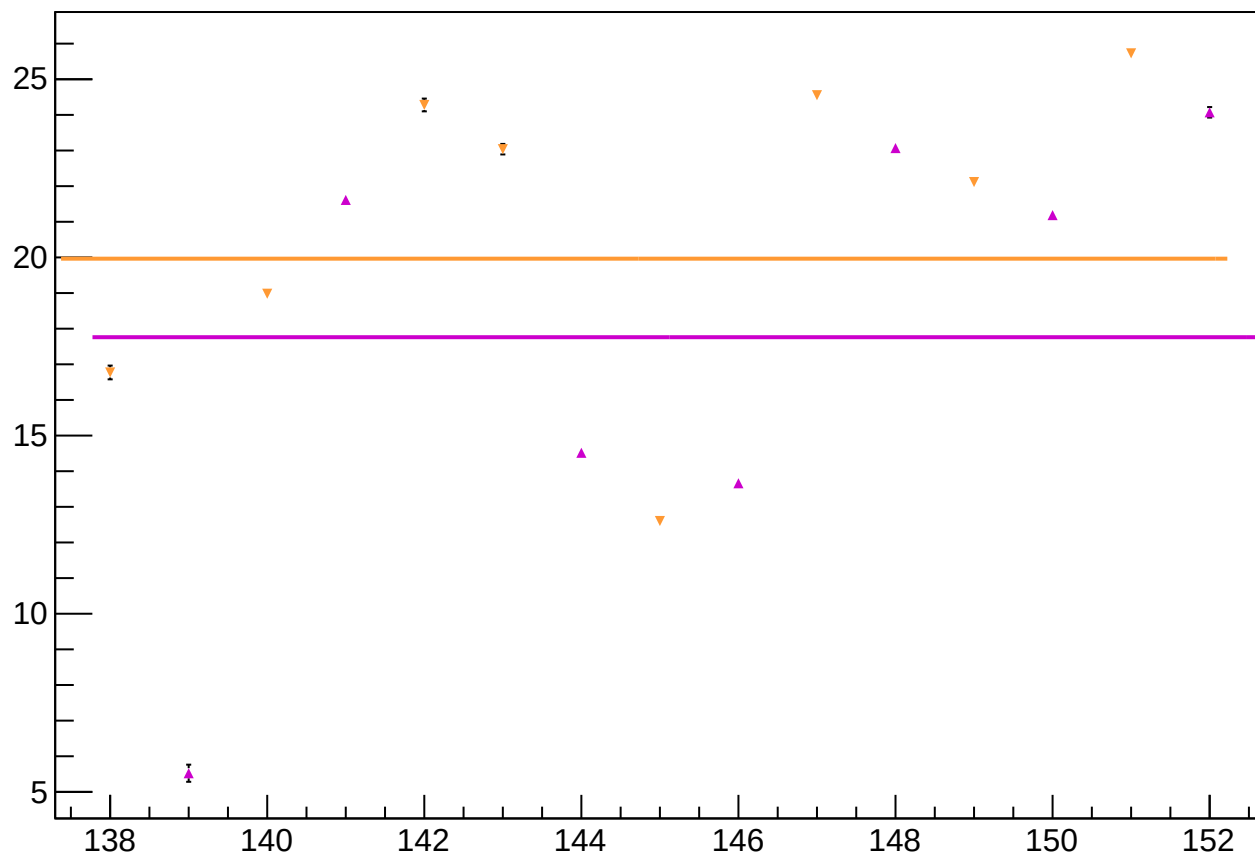
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Out: -6.932+/-0.053 χ^2/NDF :2072.5/7

All: -7.509+/-0.036 χ^2/NDF : 3657.4/14

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 19.965+/-0.044 χ^2/NDF :12029.7/7

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: 18.825+/-0.031 χ^2/NDF : 25287.4/14

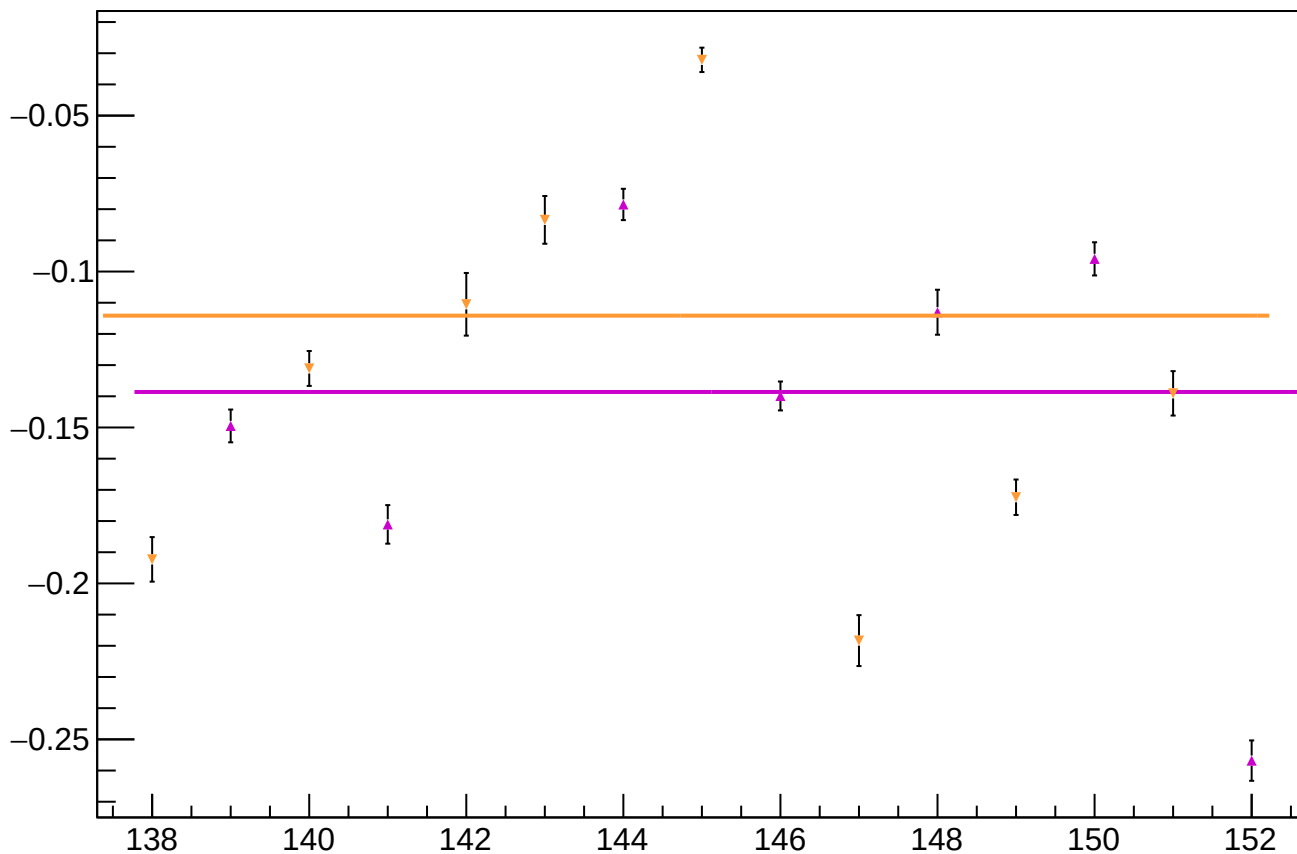
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.761+/-0.043 χ^2/NDF :11977.2/6

Out: 19.965+/-0.044 χ^2/NDF :12029.7/7

All: 18.825+/-0.031 χ^2/NDF : 25287.4/14

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: -0.114+/-0.002 χ^2/NDF :865.8/7

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: -0.127+/-0.002 χ^2/NDF : 1536.5/14

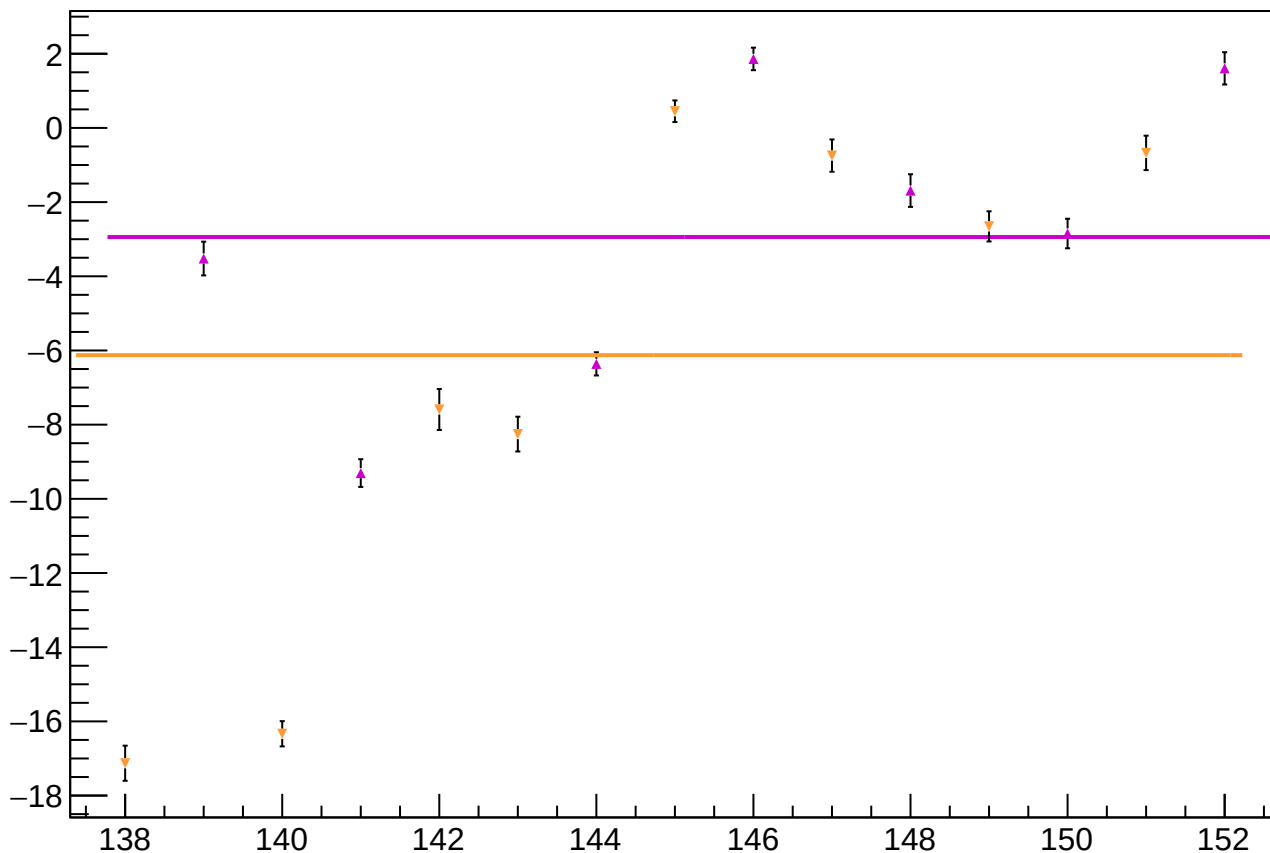
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.139+/-0.002 χ^2/NDF :605.4/6

Out: -0.114+/-0.002 χ^2/NDF :865.8/7

All: -0.127+/-0.002 χ^2/NDF : 1536.5/14

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: -6.126+/-0.143 χ^2/NDF :2339.6/7

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: -4.514+/-0.101 χ^2/NDF : 3367.8/14

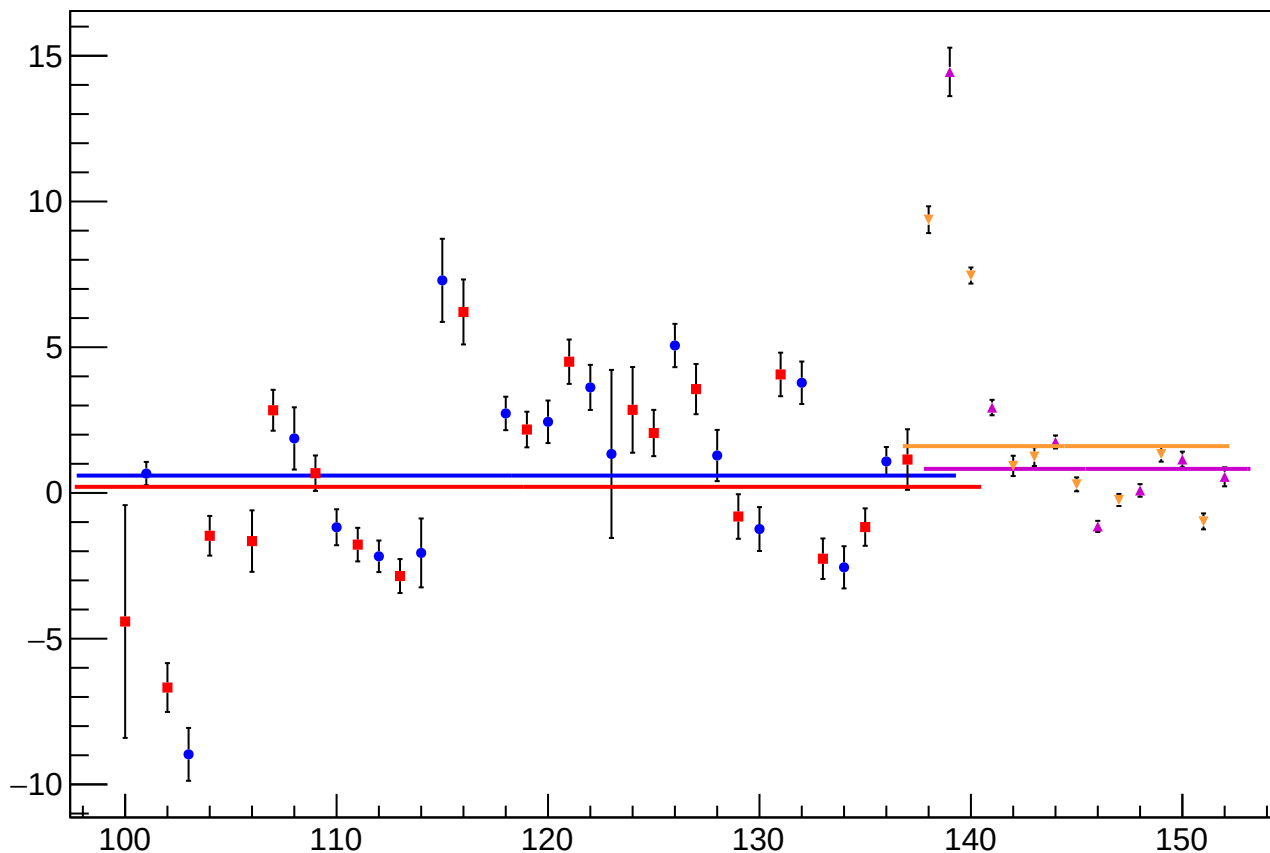
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.941+/-0.142 χ^2/NDF :778.7/6

Out: -6.126+/-0.143 χ^2/NDF :2339.6/7

All: -4.514+/-0.101 χ^2/NDF : 3367.8/14

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596±0.169 χ^2/NDF : 291.2/16

Left Out: 1.606±0.098 χ^2/NDF : 939.6/7

Right Out: 0.209±0.175 χ^2/NDF : 273.5/18

Left In: 0.826±0.096 χ^2/NDF : 469.1/6

Left: 1.210±0.069 χ^2/NDF : 1441.0/14

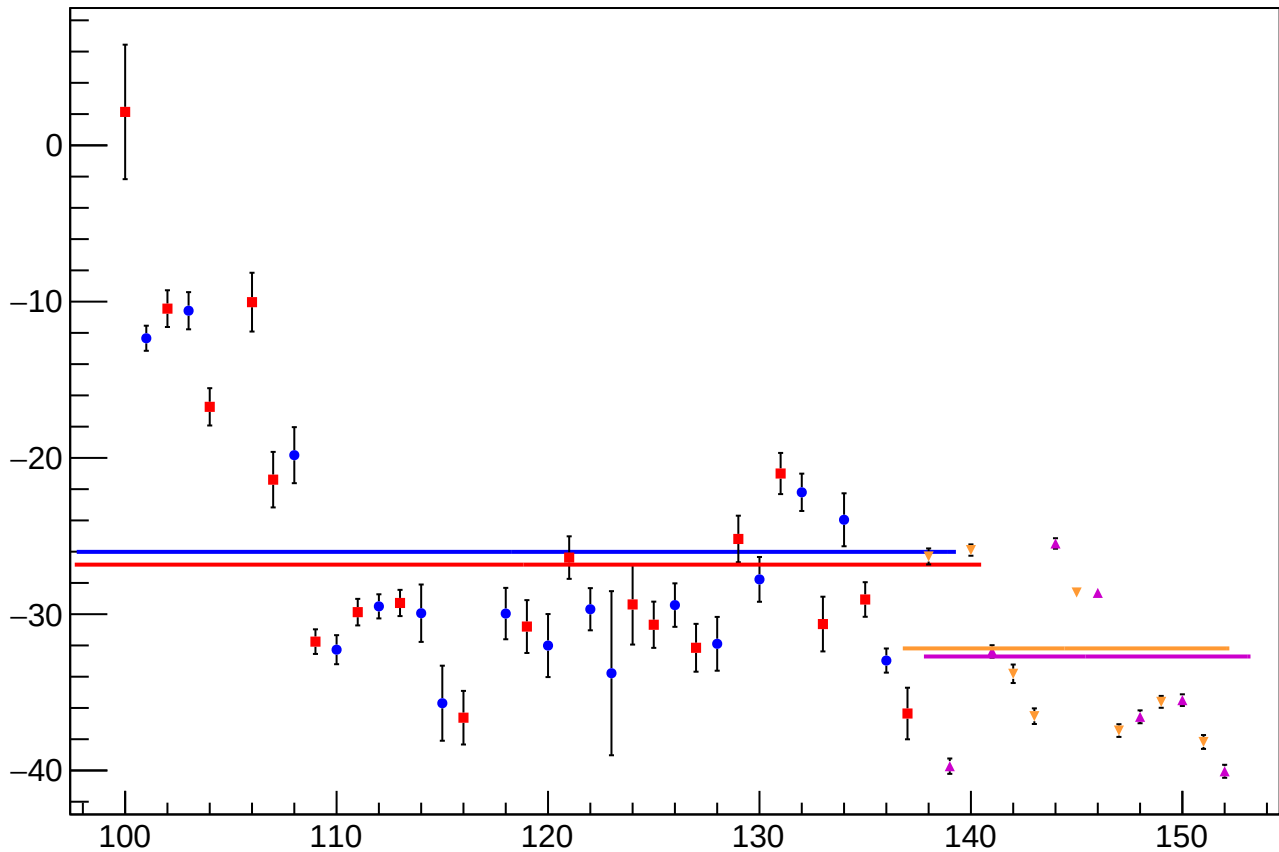
Right: 0.409±0.121 χ^2/NDF : 567.2/35

In: 0.769±0.084 χ^2/NDF : 761.7/23

Out: 1.273±0.085 χ^2/NDF : 1261.8/26

All: 1.016±0.060 χ^2/NDF : 2041.2/50

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.190 ± 0.146 χ^2/NDF : 1079.8/7

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: -32.707 ± 0.141 χ^2/NDF : 1319.8/6

Left: -32.457 ± 0.102 χ^2/NDF : 2406.1/14

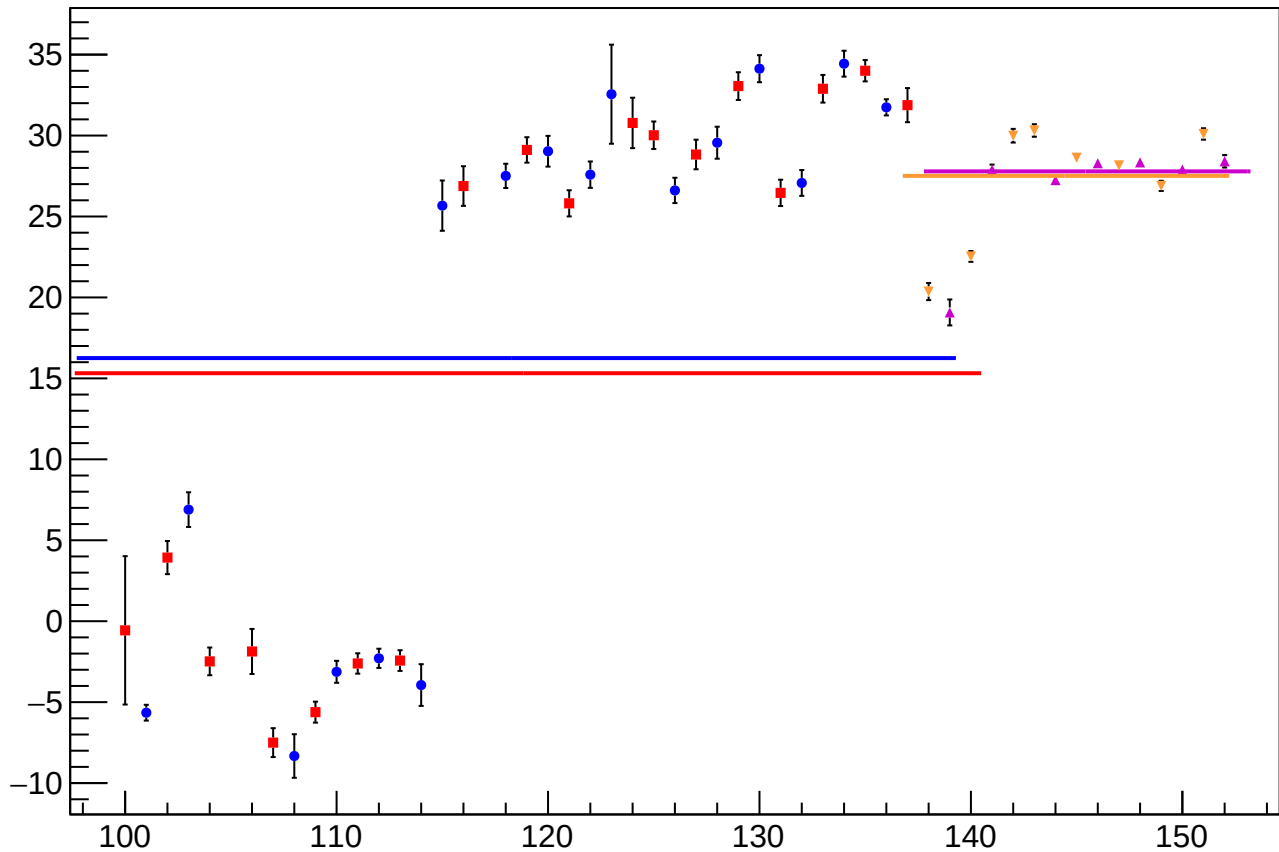
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -31.486 ± 0.128 χ^2/NDF : 2421.2/23

Out: -31.147 ± 0.131 χ^2/NDF : 1922.9/26

All: -31.321 ± 0.092 χ^2/NDF : 4347.5/50

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: 27.510 $\pm$ 0.121 χ^2 /NDF:570.2/7

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: 27.651 $\pm$ 0.085 χ^2 /NDF: 705.9/14

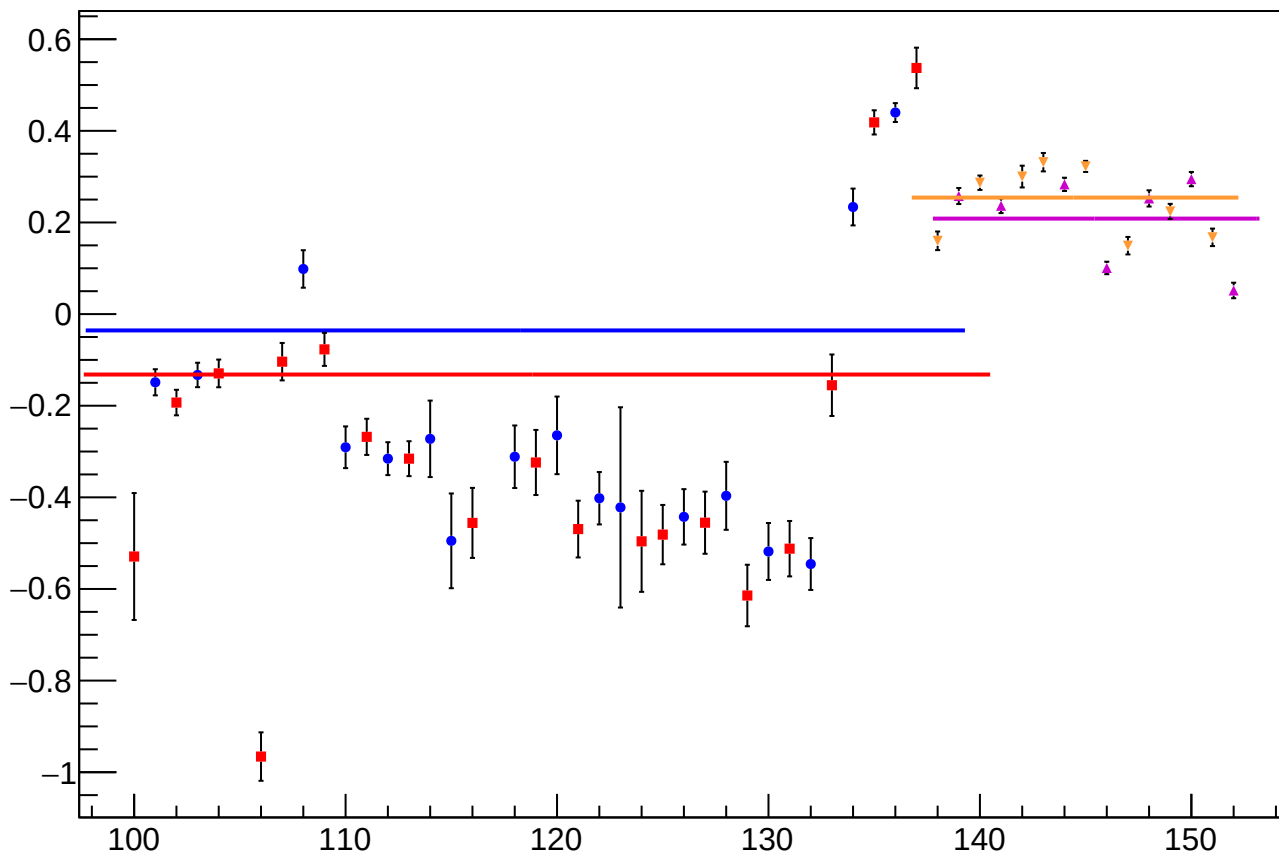
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14903.0/35

In: 24.584 $\pm$ 0.101 χ^2 /NDF:10377.7/23

Out: 24.178 $\pm$ 0.103 χ^2 /NDF:10633.9/26

All: 24.386 $\pm$ 0.072 χ^2 /NDF: 21019.6/50

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: 0.254 ± 0.006 χ^2/NDF : 129.9/7

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: 0.231 ± 0.004 χ^2/NDF : 380.8/14

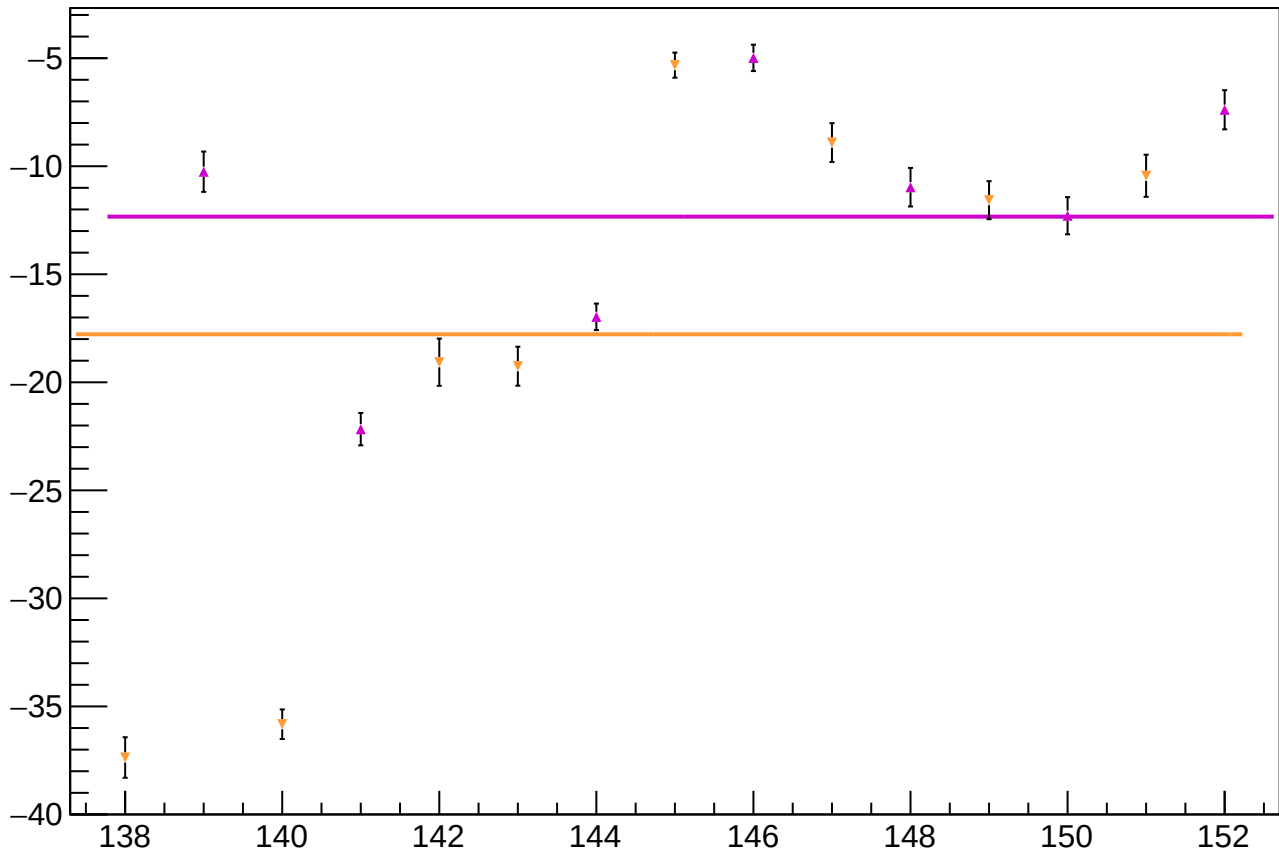
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.147 ± 0.005 χ^2/NDF : 1656.2/23

Out: 0.154 ± 0.005 χ^2/NDF : 2331.1/26

All: 0.151 ± 0.004 χ^2/NDF : 3988.2/50

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: -17.778+/-0.290 χ^2/NDF :1796.0/7

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: -15.030+/-0.204 χ^2/NDF : 2385.2/14

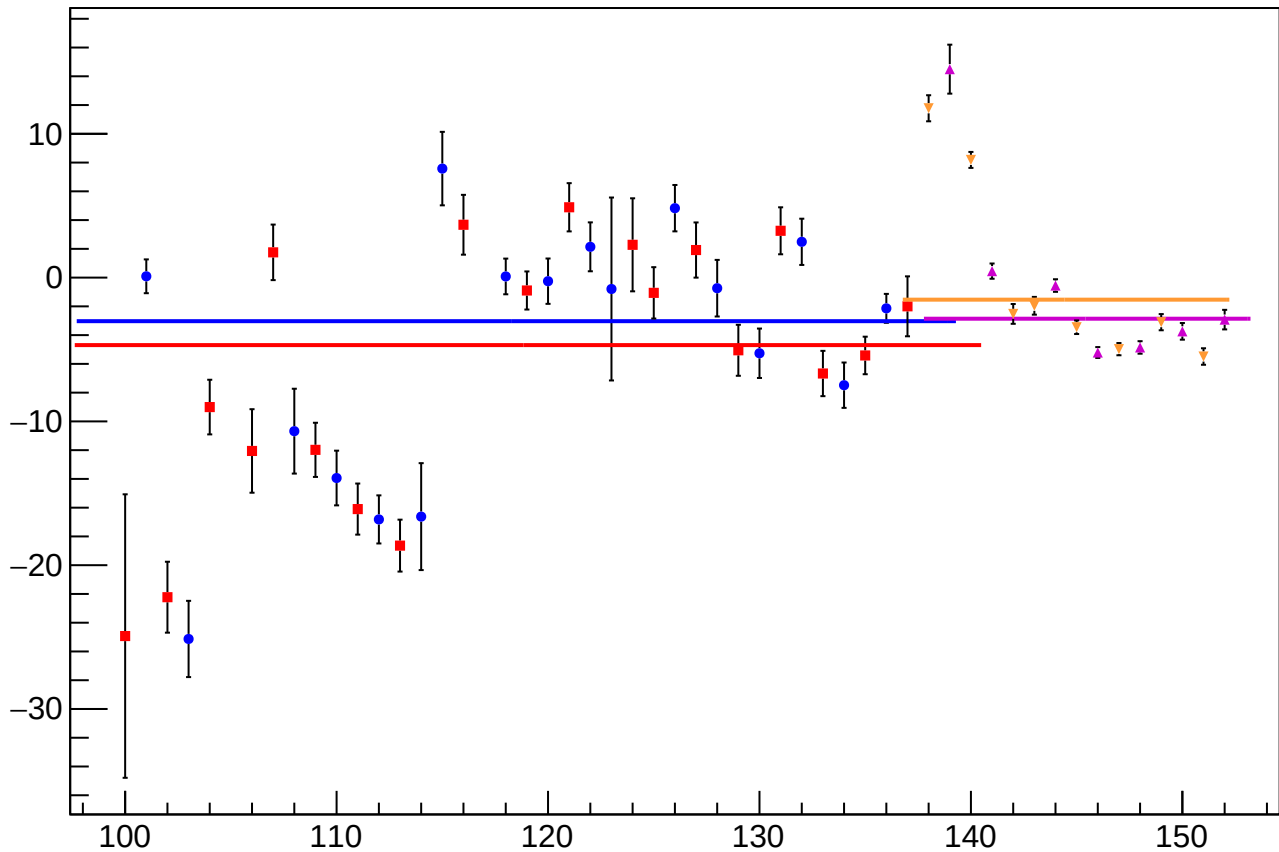
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.333+/-0.288 χ^2/NDF :411.7/6

Out: -17.778+/-0.290 χ^2/NDF :1796.0/7

All: -15.030+/-0.204 χ^2/NDF : 2385.2/14

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: -1.534 ± 0.199 χ^2/NDF : 661.4/7

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

Left In: -2.859 ± 0.194 χ^2/NDF : 232.8/6

Left: -2.212 ± 0.139 χ^2/NDF : 917.1/14

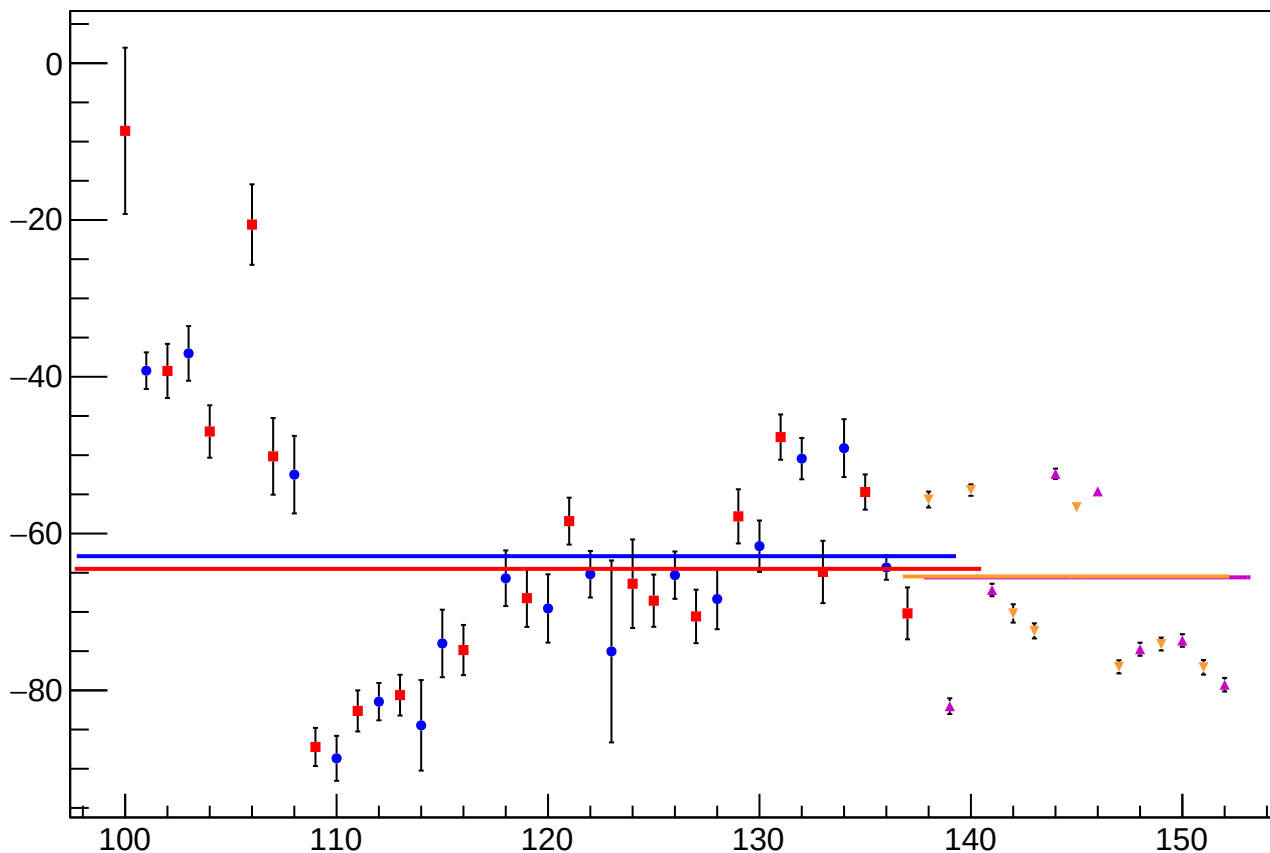
Right: -3.824 ± 0.295 χ^2/NDF : 587.0/35

In: -2.890 ± 0.175 χ^2/NDF : 513.7/23

Out: -2.096 ± 0.180 χ^2/NDF : 1004.8/26

All: -2.504 ± 0.126 χ^2/NDF : 1528.6/50

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -65.471 ± 0.297 χ^2/NDF : 1047.5/7

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

Left In: -65.589 ± 0.288 χ^2/NDF : 1491.8/6

Left: -65.531 ± 0.207 χ^2/NDF : 2539.4/14

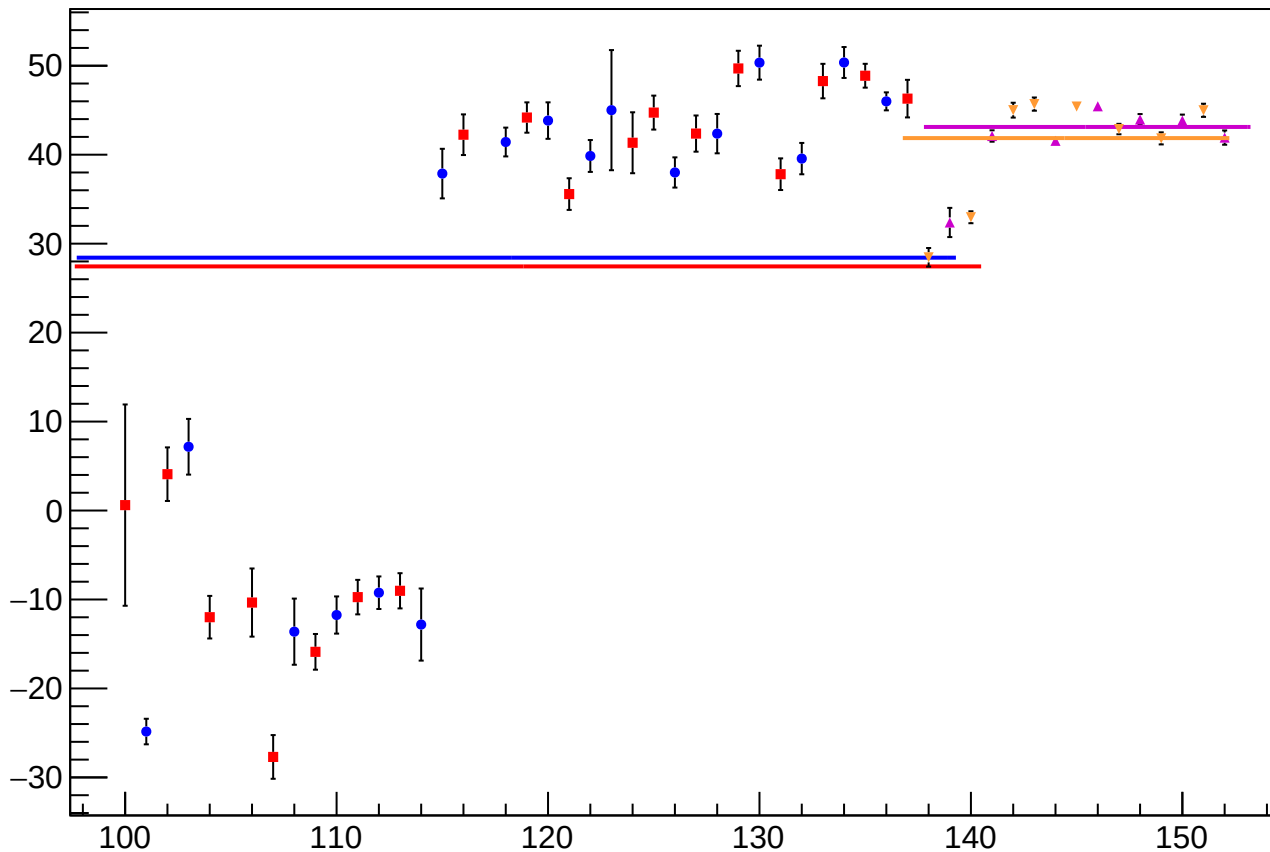
Right: -63.680 ± 0.526 χ^2/NDF : 815.2/35

In: -65.232 ± 0.268 χ^2/NDF : 1872.2/23

Out: -65.340 ± 0.276 χ^2/NDF : 1493.0/26

All: -65.284 ± 0.192 χ^2/NDF : 3365.3/50

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 41.866 $\pm$ 0.245 χ^2 /NDF:442.8/7

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

Left In: 43.118 $\pm$ 0.240 χ^2 /NDF:83.5/6

Left: 42.507 $\pm$ 0.171 χ^2 /NDF: 539.6/14

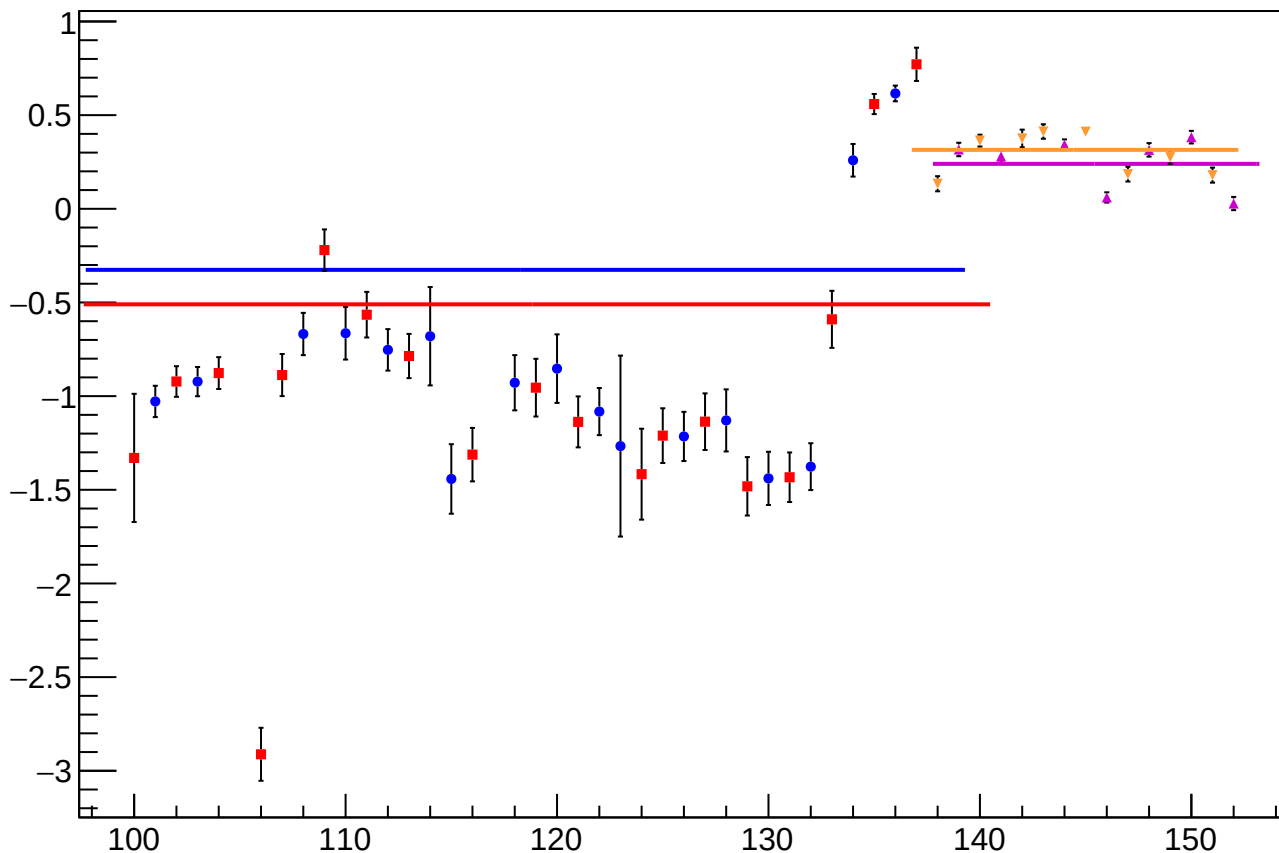
Right: 27.956 $\pm$ 0.331 χ^2 /NDF: 6365.5/35

In: 39.950 $\pm$ 0.212 χ^2 /NDF:4224.4/23

Out: 38.866 $\pm$ 0.218 χ^2 /NDF:4195.1/26

All: 39.423 $\pm$ 0.152 χ^2 /NDF: 8432.1/50

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: 0.315 ± 0.012 χ^2/NDF : 69.9/7

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: 0.276 ± 0.009 χ^2/NDF : 208.1/14

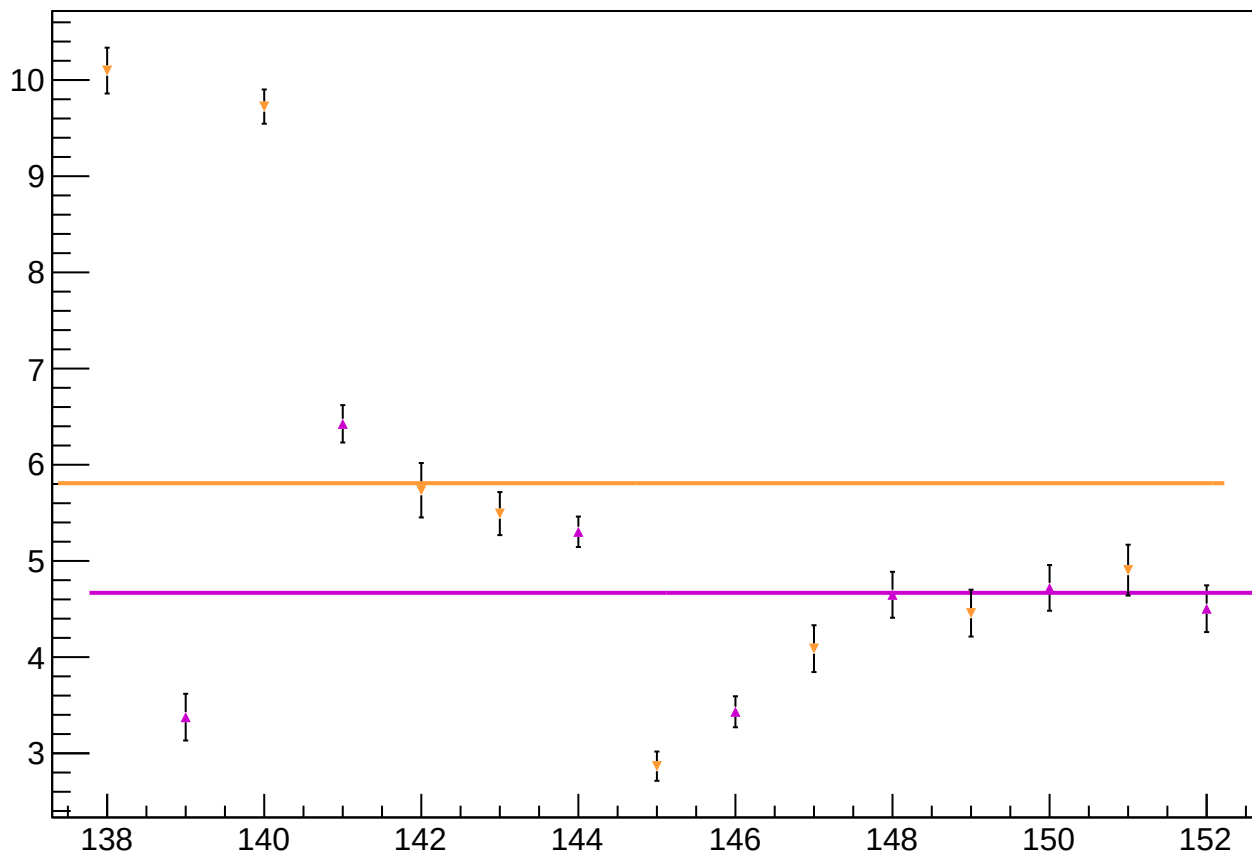
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: 0.131 ± 0.011 χ^2/NDF : 1549.8/23

Out: 0.158 ± 0.011 χ^2/NDF : 2073.5/26

All: 0.144 ± 0.008 χ^2/NDF : 3626.4/50

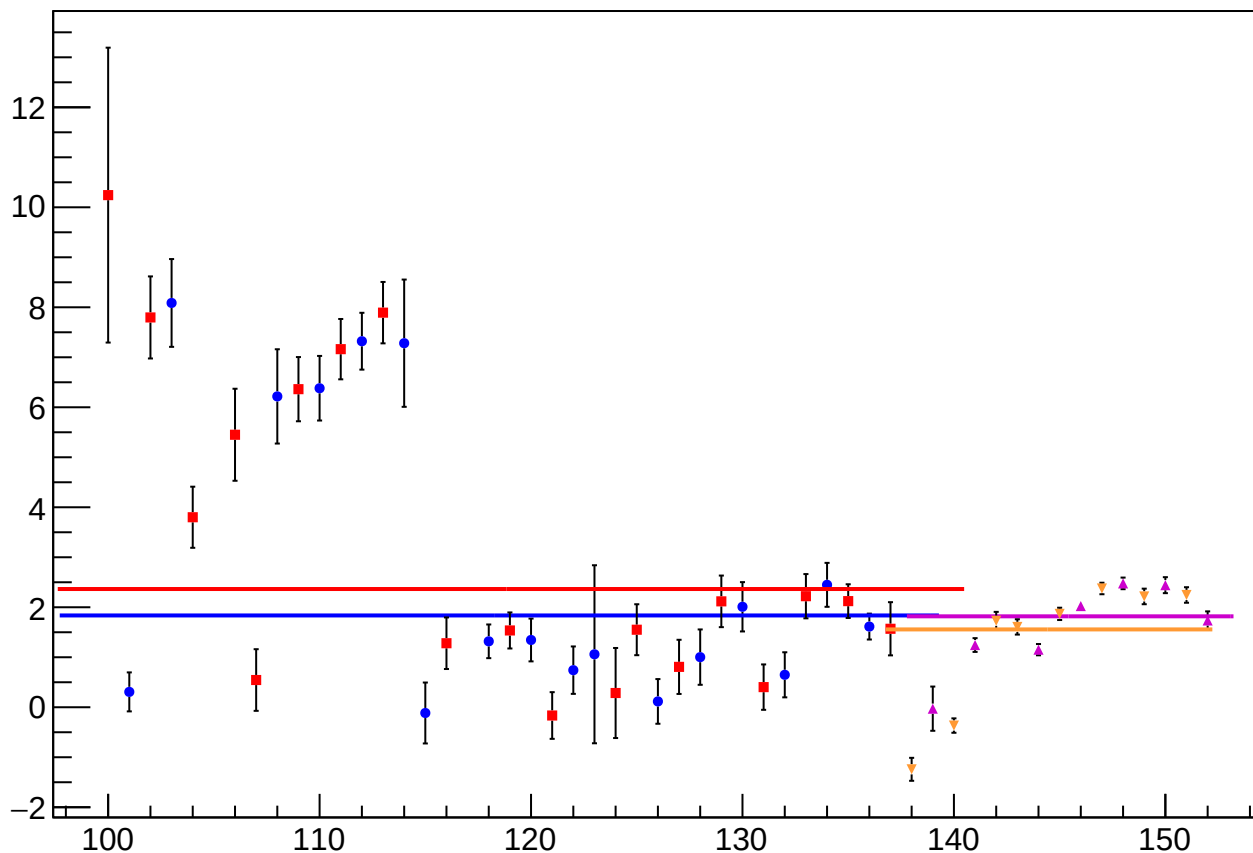
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.808 $\pm$ 0.076 χ^2 /NDF:1276.1/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.668 $\pm$ 0.076 χ^2 /NDF:185.5/6

Left: 5.237 $\pm$ 0.054 χ^2 /NDF: 1574.3/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.668 $\pm$ 0.076 χ^2 /NDF:185.5/6
 Out: 5.808 $\pm$ 0.076 χ^2 /NDF:1276.1/7
 All: 5.237 $\pm$ 0.054 χ^2 /NDF: 1574.3/14

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: 1.557 $\pm$ 0.052 χ^2 /NDF:421.8/7

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: 1.691 $\pm$ 0.037 χ^2 /NDF: 556.4/14

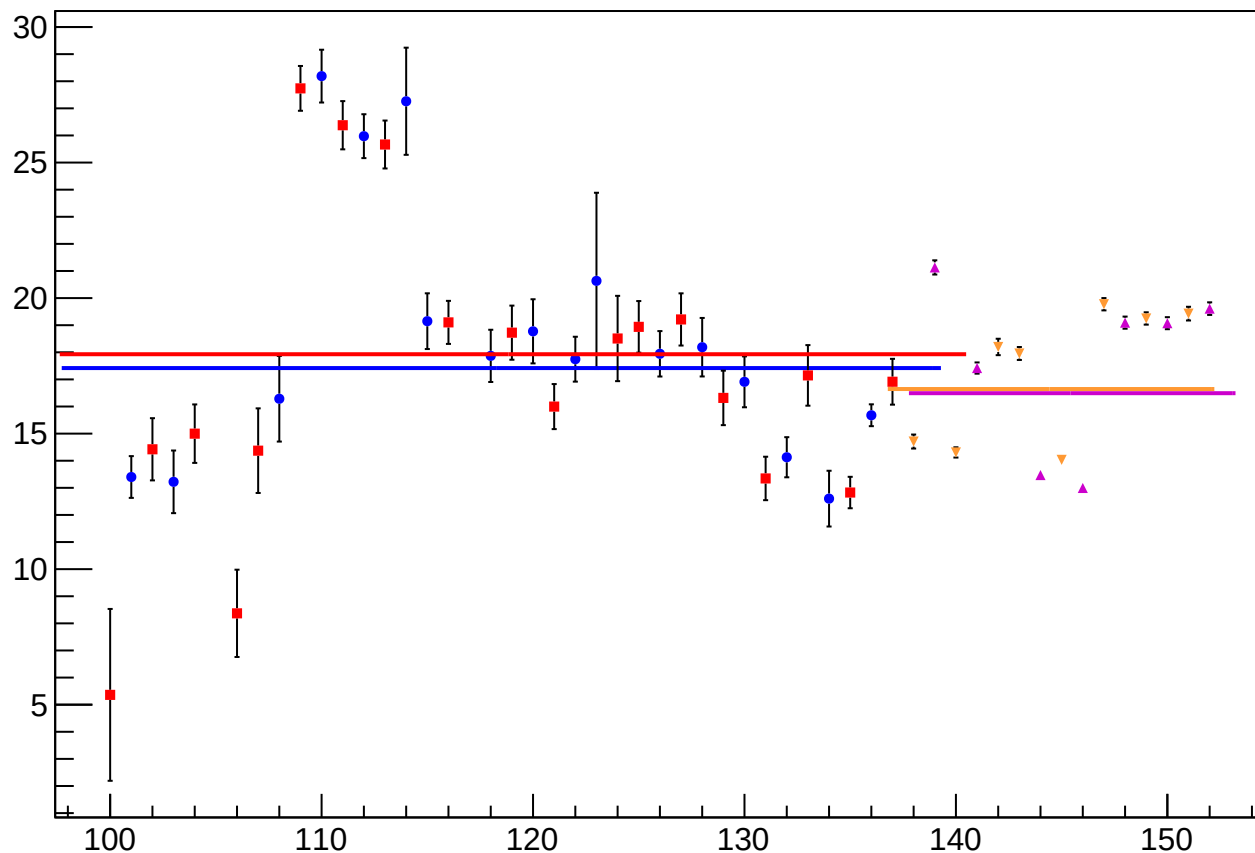
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.821 $\pm$ 0.047 χ^2 /NDF:416.7/23

Out: 1.681 $\pm$ 0.048 χ^2 /NDF:794.9/26

All: 1.753 $\pm$ 0.034 χ^2 /NDF: 1216.0/50

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: 16.645 $\pm$ 0.078 χ^2 /NDF:966.9/7

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: 16.566 $\pm$ 0.054 χ^2 /NDF: 2579.5/14

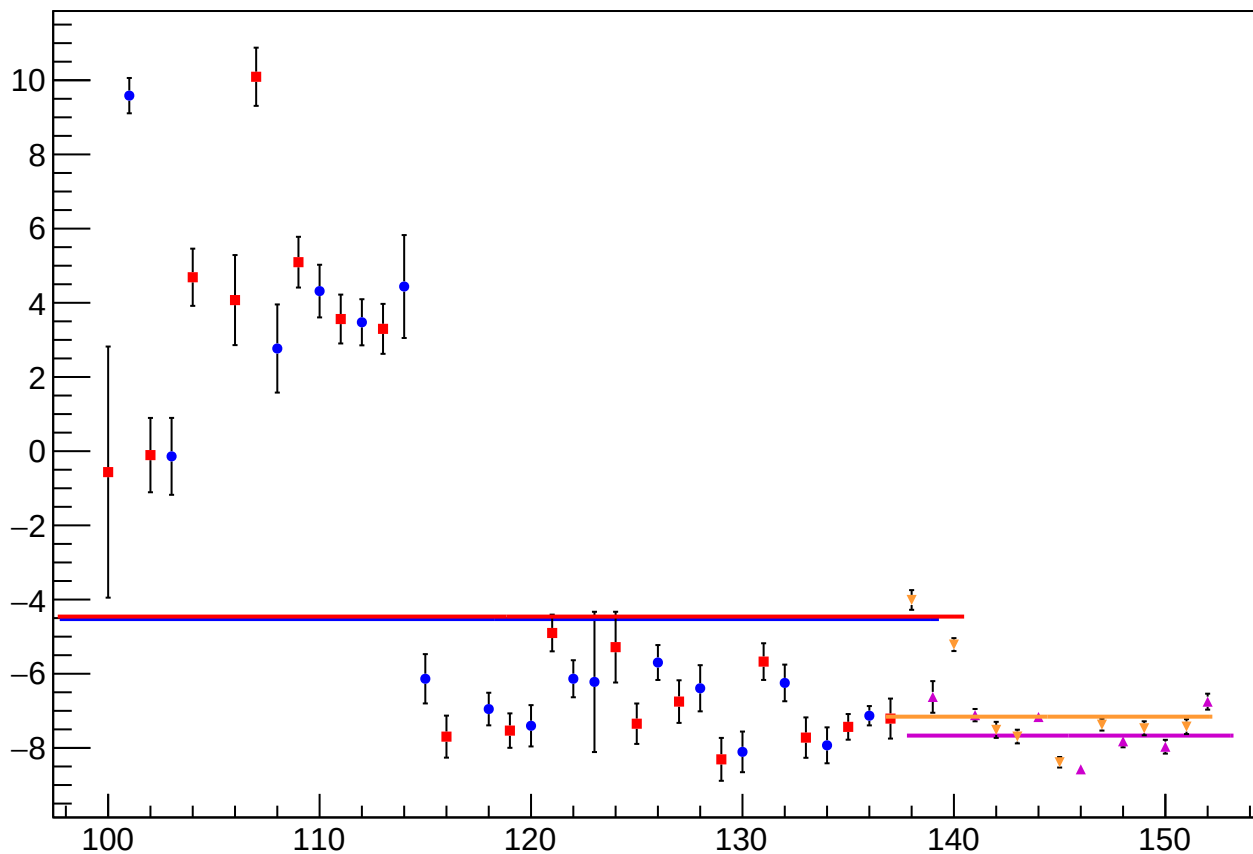
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 16.597 $\pm$ 0.072 χ^2 /NDF:1994.5/23

Out: 16.790 $\pm$ 0.074 χ^2 /NDF:1503.7/26

All: 16.691 $\pm$ 0.051 χ^2 /NDF: 3501.8/50

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: -7.157 ± 0.065 χ^2/NDF : 356.8/7

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: -7.418 ± 0.045 χ^2/NDF : 495.0/14

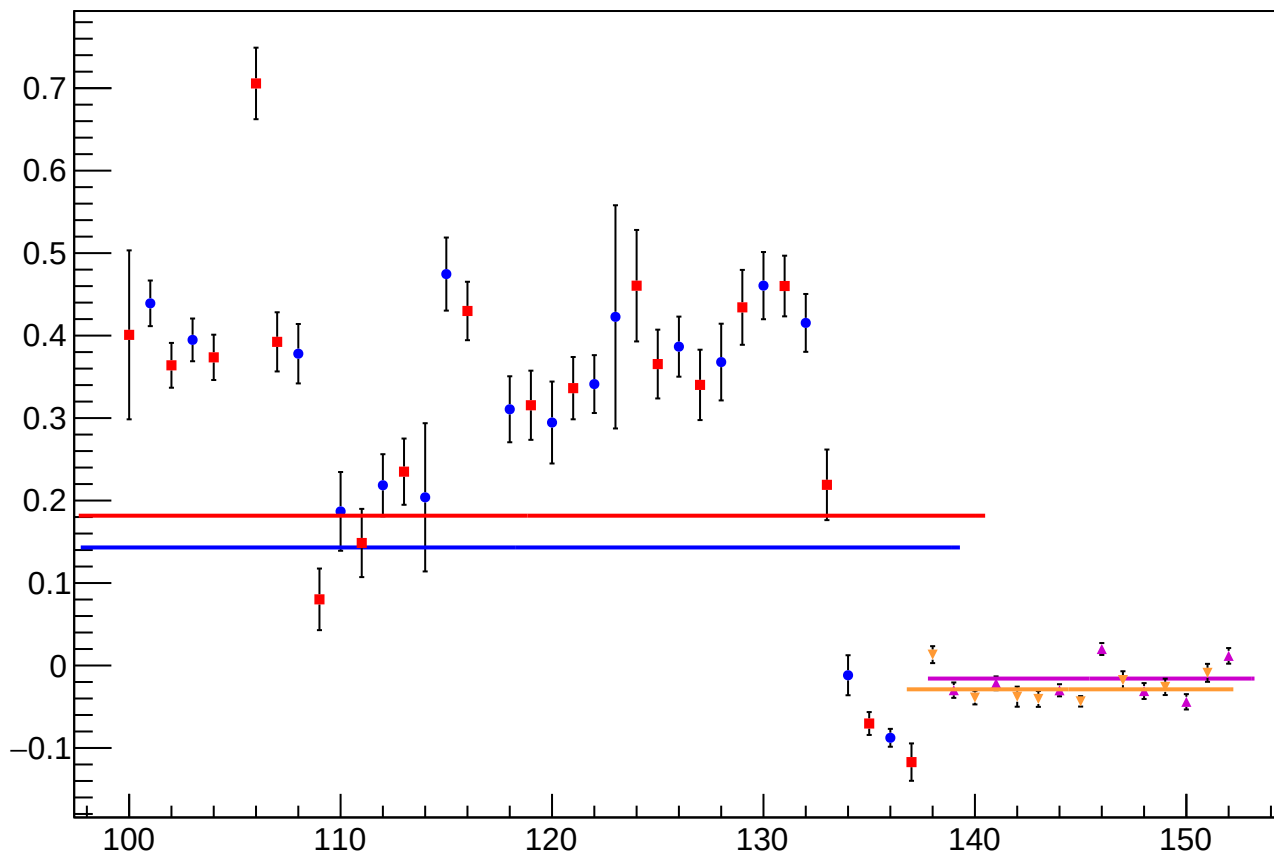
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.064 ± 0.057 χ^2/NDF : 2171.8/23

Out: -6.667 ± 0.058 χ^2/NDF : 2013.2/26

All: -6.871 ± 0.041 χ^2/NDF : 4208.9/50

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: -0.029 ± 0.003 $\chi^2/\text{NDF}: 30.1/7$

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: -0.022 ± 0.002 $\chi^2/\text{NDF}: 89.4/14$

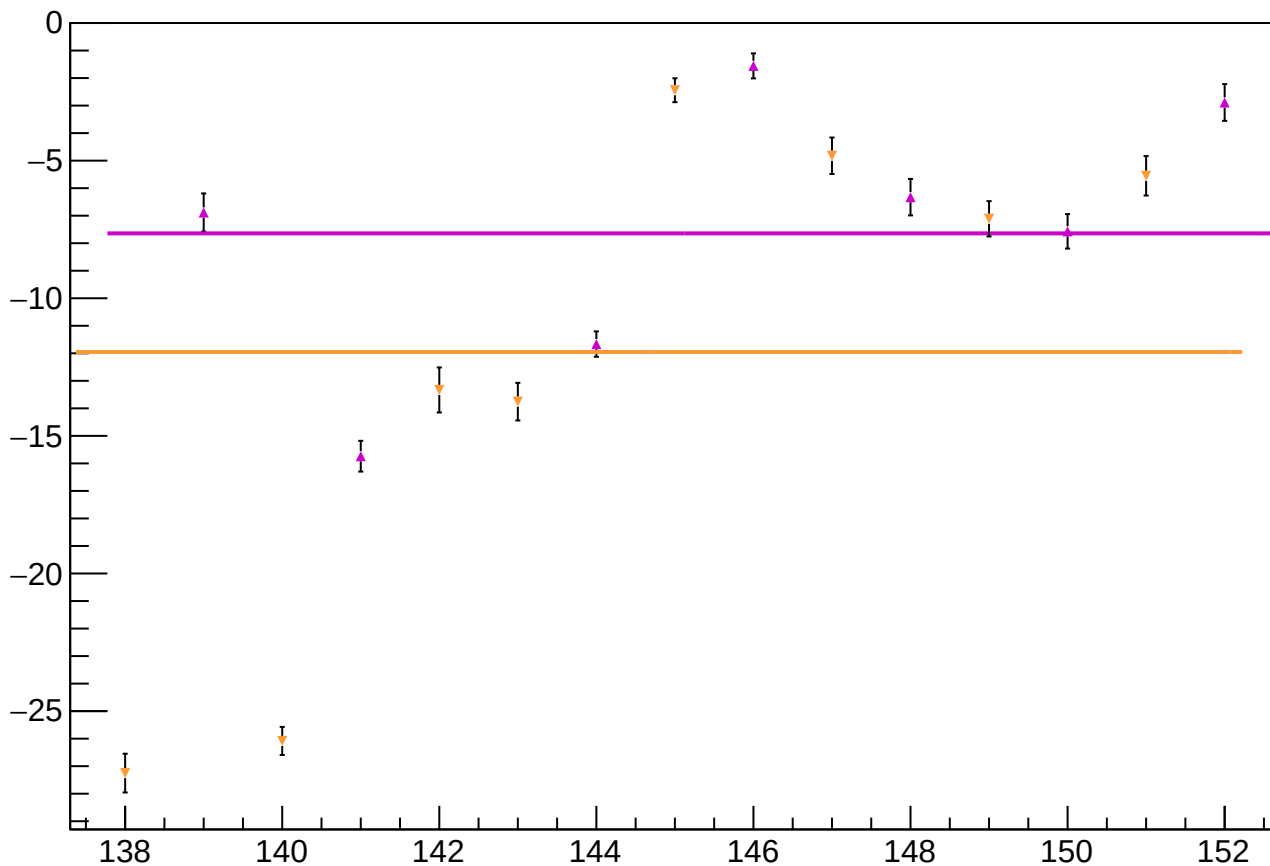
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2082.4/35$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1532.6/23$

Out: 0.005 ± 0.003 $\chi^2/\text{NDF}: 1717.6/26$

All: 0.009 ± 0.002 $\chi^2/\text{NDF}: 3252.3/50$

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: -11.952+/-0.216 χ^2/NDF :1979.9/7

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: -9.775+/-0.152 χ^2/NDF : 2702.4/14

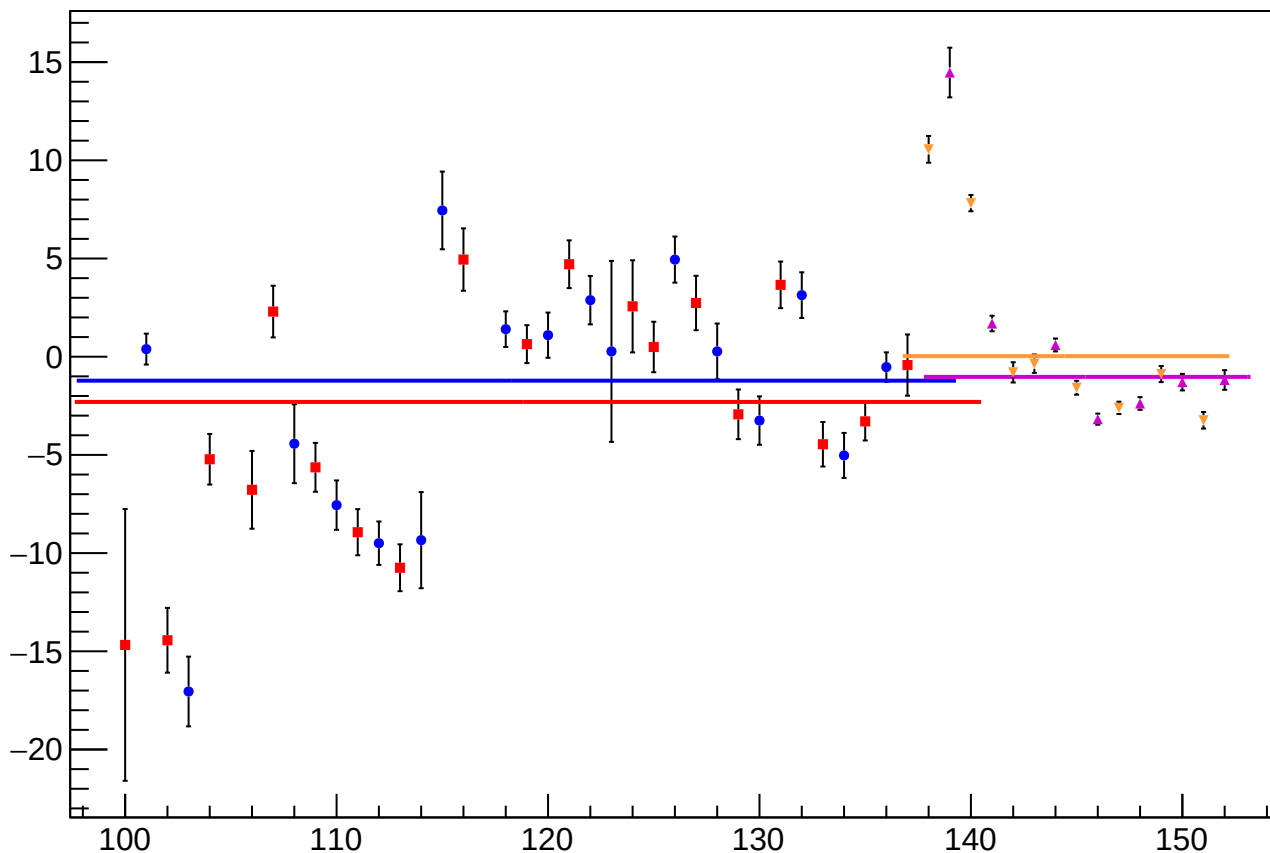
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.643+/-0.214 χ^2/NDF :521.3/6

Out: -11.952+/-0.216 χ^2/NDF :1979.9/7

All: -9.775+/-0.152 χ^2/NDF : 2702.4/14

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: 0.029 ± 0.147 $\chi^2/\text{NDF}: 751.9/7$

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: -0.510 ± 0.103 $\chi^2/\text{NDF}: 1076.0/14$

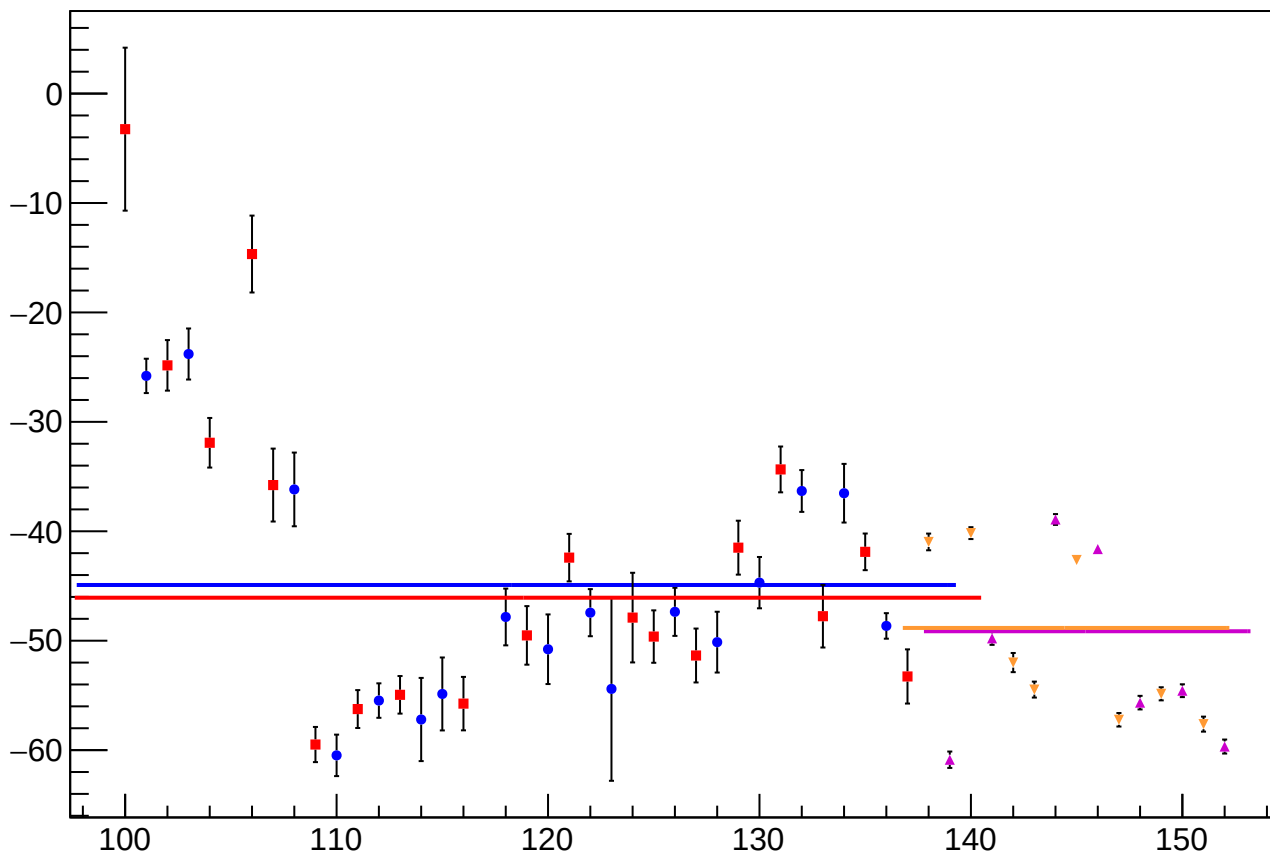
Right: -1.738 ± 0.209 $\chi^2/\text{NDF}: 571.5/35$

In: -1.065 ± 0.129 $\chi^2/\text{NDF}: 576.9/23$

Out: -0.419 ± 0.133 $\chi^2/\text{NDF}: 1086.1/26$

All: -0.750 ± 0.093 $\chi^2/\text{NDF}: 1675.2/50$

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: -48.834 ± 0.221 χ^2/NDF : 1064.1/7

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: -48.990 ± 0.154 χ^2/NDF : 2503.5/14

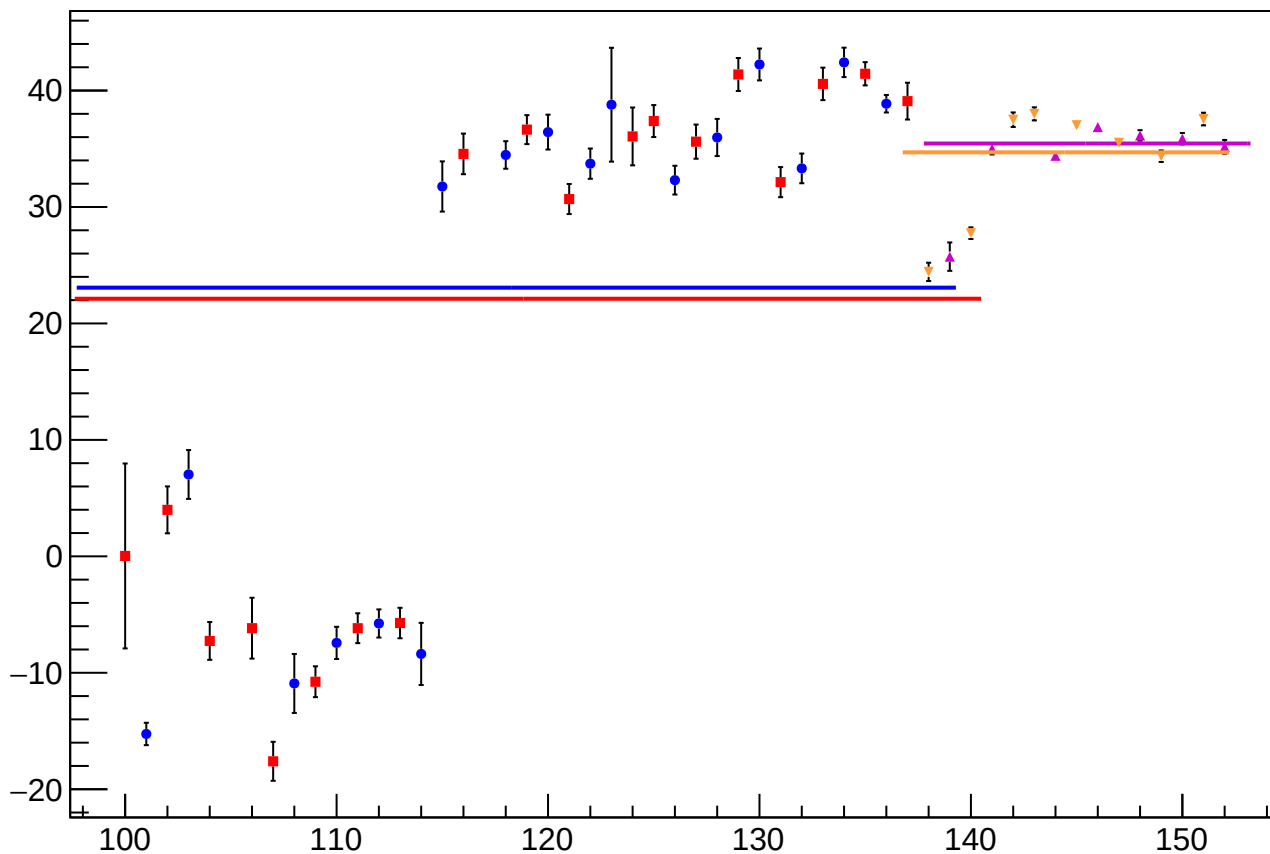
Right: -45.483 ± 0.371 χ^2/NDF : 877.6/35

In: -48.531 ± 0.198 χ^2/NDF : 1915.8/23

Out: -48.423 ± 0.204 χ^2/NDF : 1541.3/26

All: -48.479 ± 0.142 χ^2/NDF : 3457.3/50

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: 34.695 $\pm$ 0.182 χ^2 /NDF:480.9/7

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: 35.082 $\pm$ 0.127 χ^2 /NDF: 580.6/14

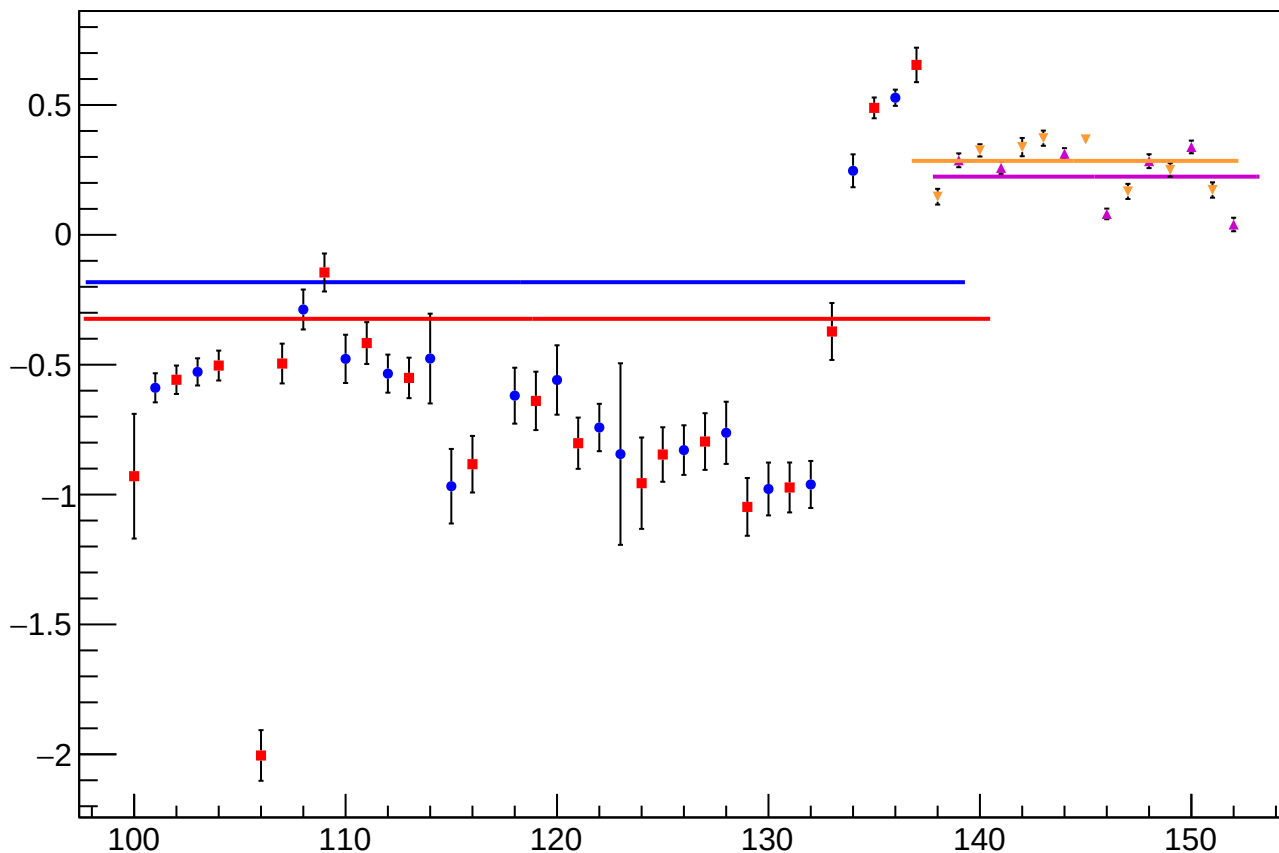
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 32.604 $\pm$ 0.156 χ^2 /NDF:5547.0/23

Out: 31.887 $\pm$ 0.161 χ^2 /NDF:5578.2/26

All: 32.255 $\pm$ 0.112 χ^2 /NDF: 11135.4/50

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: 0.285 ± 0.009 χ^2/NDF : 88.2/7

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: 0.254 ± 0.006 χ^2/NDF : 261.1/14

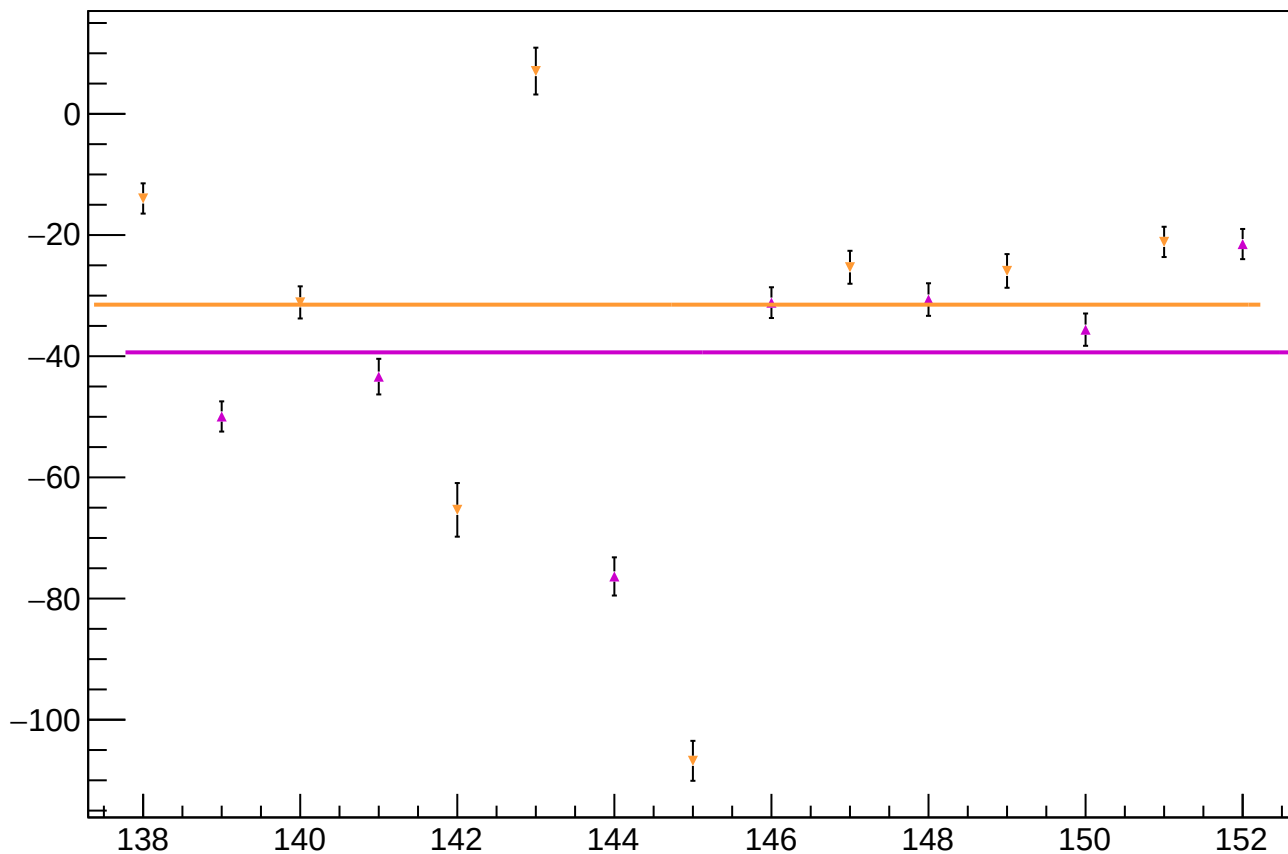
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: 0.140 ± 0.008 χ^2/NDF : 1566.3/23

Out: 0.160 ± 0.008 χ^2/NDF : 2163.5/26

All: 0.150 ± 0.006 χ^2/NDF : 3732.6/50

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.490+/-1.033 χ^2/NDF :755.4/7

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: -35.499+/-0.724 χ^2/NDF : 1016.9/14

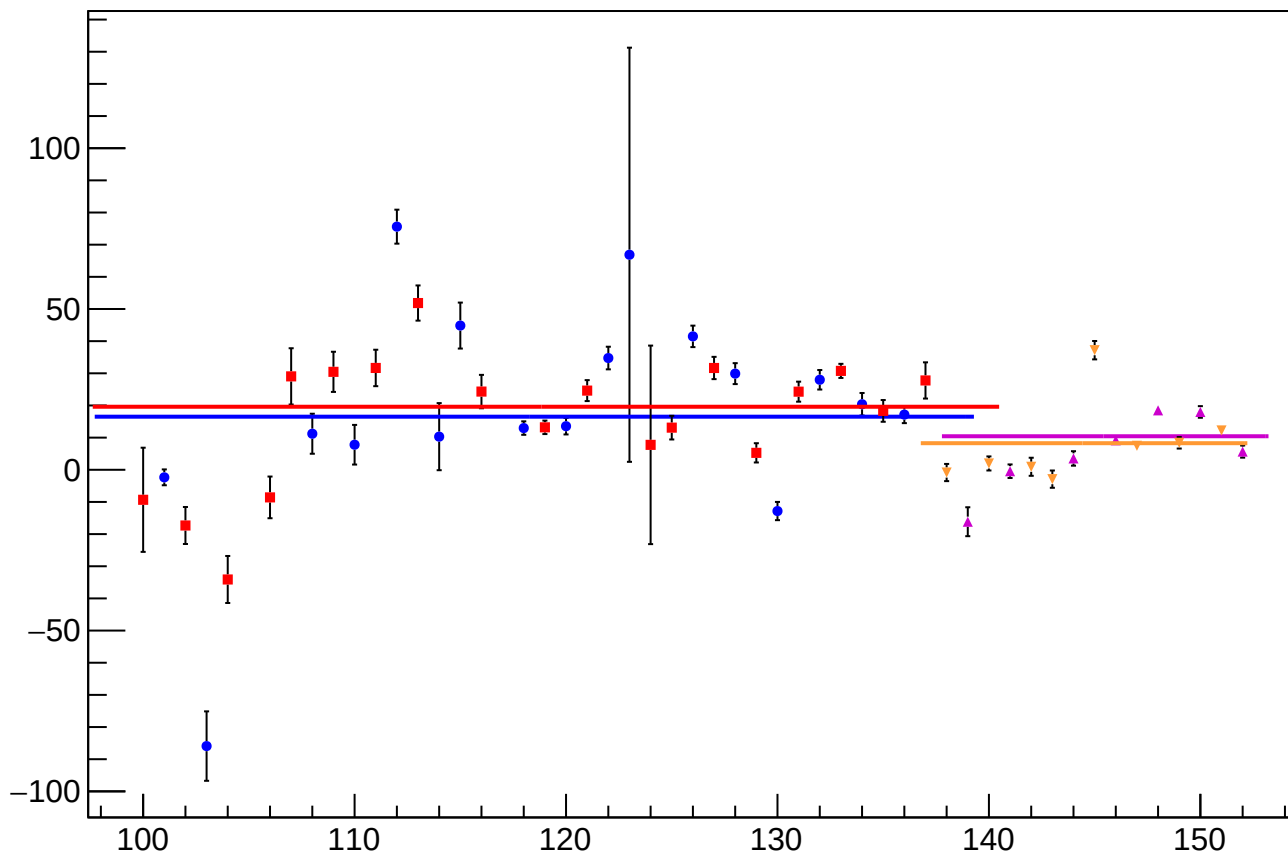
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.364+/-1.014 χ^2/NDF :231.9/6

Out: -31.490+/-1.033 χ^2/NDF :755.4/7

All: -35.499+/-0.724 χ^2/NDF : 1016.9/14

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: 8.269 $\pm$ 0.682 χ^2 /NDF:154.7/7

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: 9.337 $\pm$ 0.485 χ^2 /NDF: 293.3/14

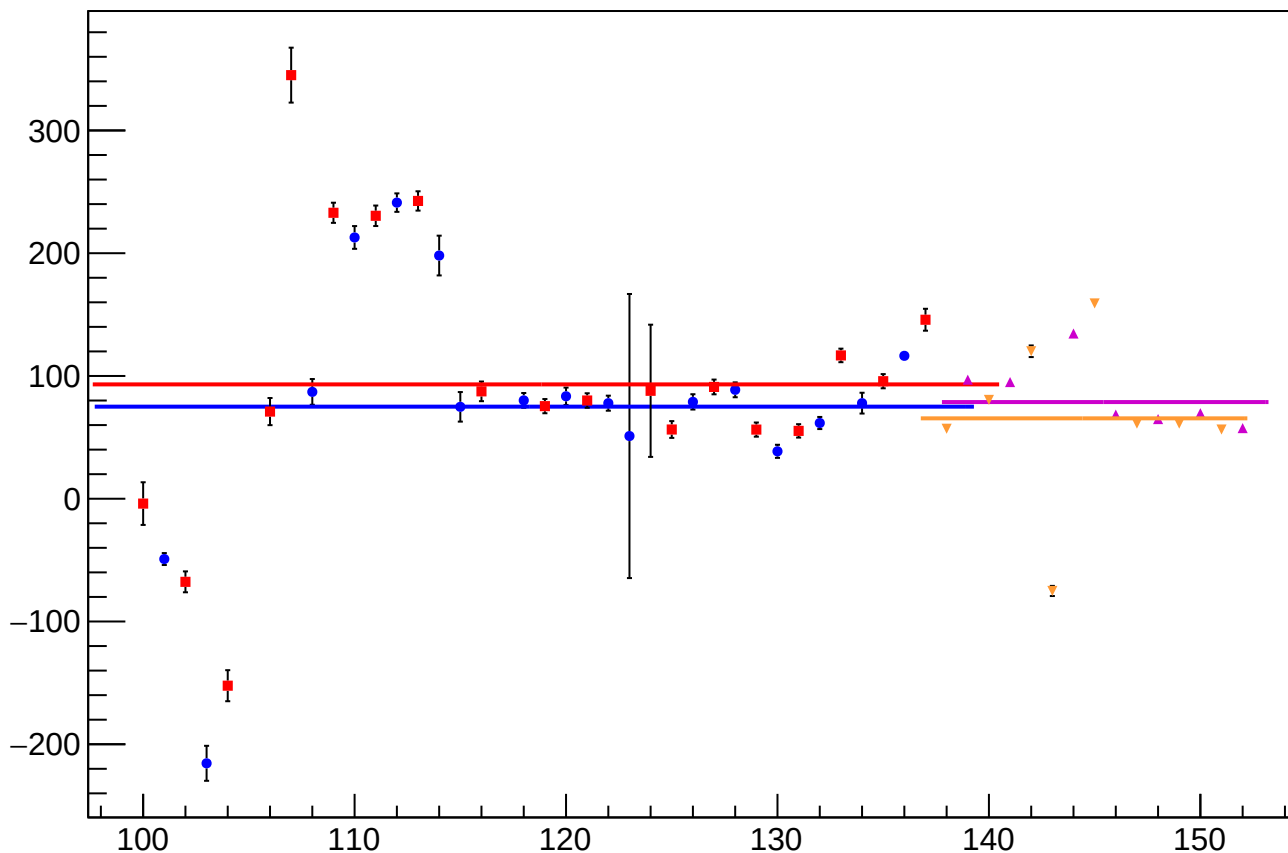
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 12.854 $\pm$ 0.535 χ^2 /NDF:684.2/23

Out: 12.415 $\pm$ 0.543 χ^2 /NDF:497.7/26

All: 12.638 $\pm$ 0.381 χ^2 /NDF: 1182.2/50

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: 65.479 $\pm$ 1.038 χ^2 /NDF:2100.3/7

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: 72.330 $\pm$ 0.722 χ^2 /NDF: 2671.9/14

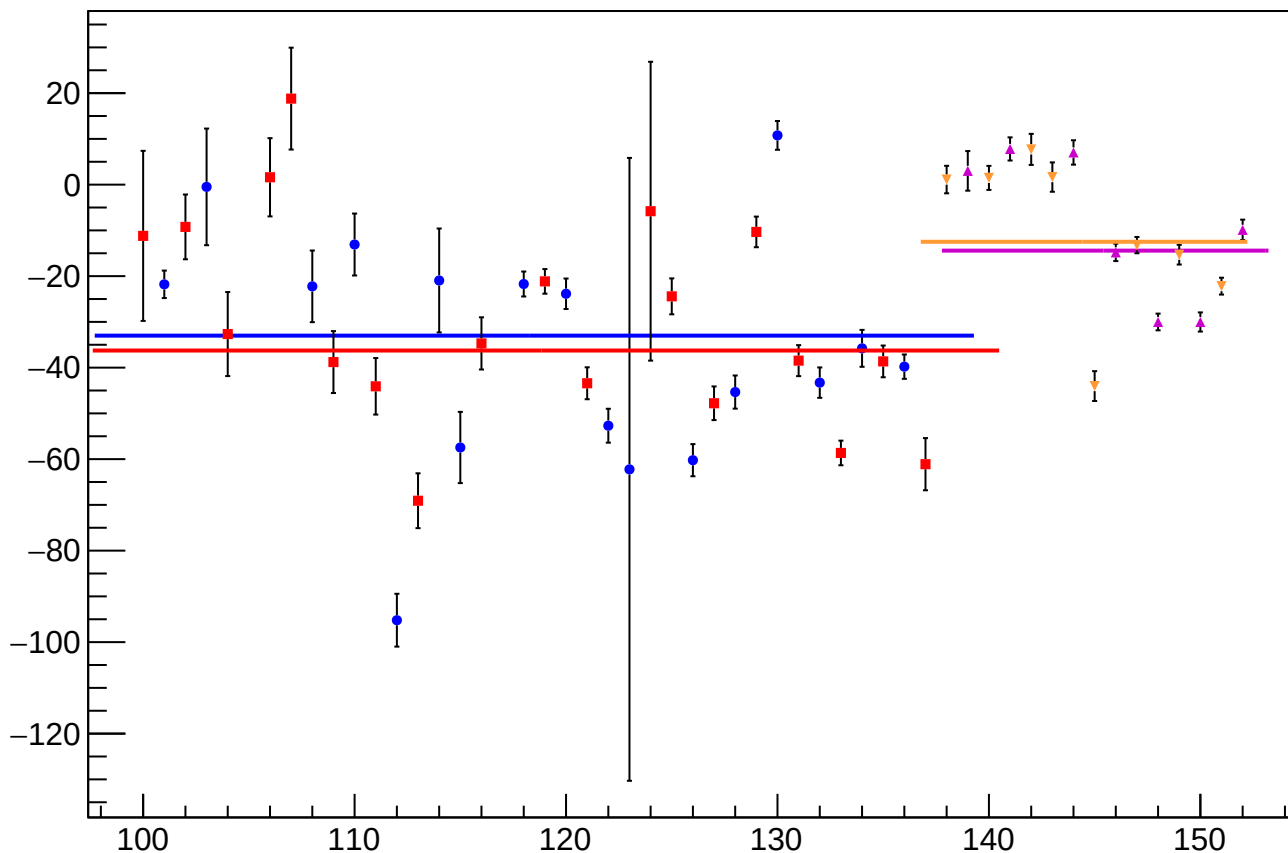
Right: 83.668 $\pm$ 1.183 χ^2 /NDF: 4060.3/35

In: 77.723 $\pm$ 0.856 χ^2 /NDF:2490.4/23

Out: 72.920 $\pm$ 0.888 χ^2 /NDF:4293.6/26

All: 75.408 $\pm$ 0.616 χ^2 /NDF: 6799.2/50

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: -12.488 ± 0.858 $\chi^2/\text{NDF}: 226.7/7$

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: -13.455 ± 0.607 $\chi^2/\text{NDF}: 520.2/14$

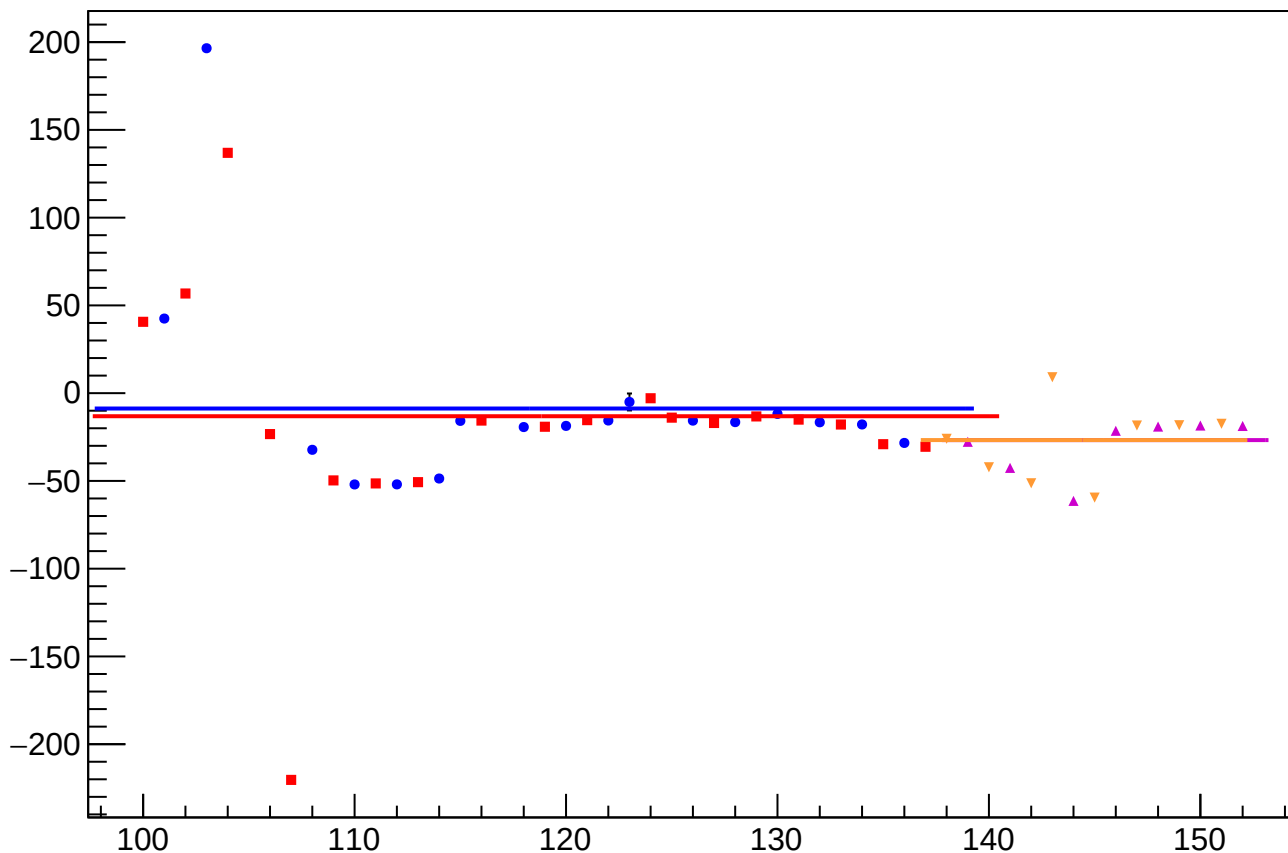
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -22.567 ± 0.643 $\chi^2/\text{NDF}: 989.4/23$

Out: -22.277 ± 0.658 $\chi^2/\text{NDF}: 840.0/26$

All: -22.425 ± 0.460 $\chi^2/\text{NDF}: 1829.5/50$

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: -26.731 ± 0.044 $\chi^2/\text{NDF}: 157108.2/7$

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: -26.738 ± 0.030 $\chi^2/\text{NDF}: 248397.3/14$

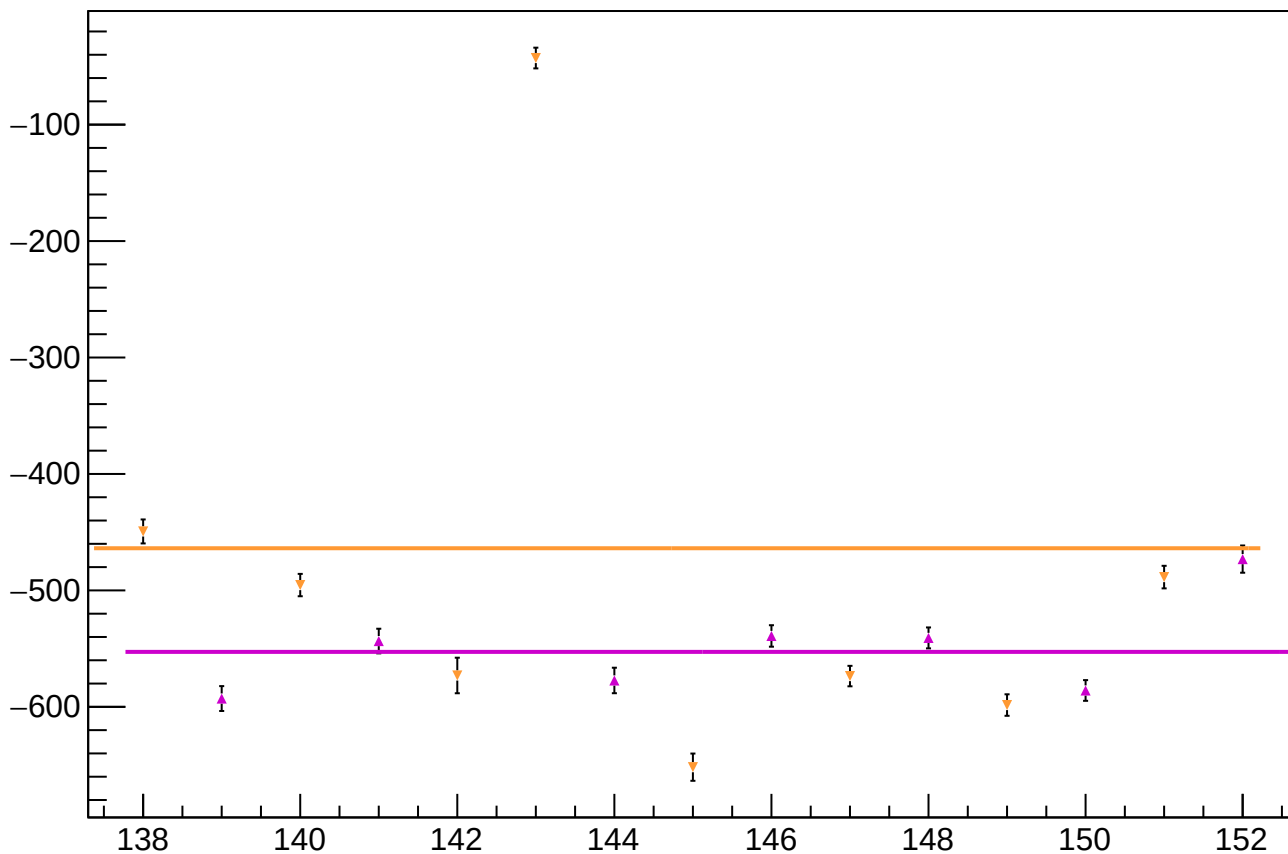
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -20.767 ± 0.034 $\chi^2/\text{NDF}: 729825.2/23$

Out: -22.163 ± 0.036 $\chi^2/\text{NDF}: 747899.8/26$

All: -21.427 ± 0.025 $\chi^2/\text{NDF}: 1478526.7/50$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -463.797+/-3.539 χ^2/NDF :2935.6/7

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: -505.410+/-2.582 χ^2/NDF : 3315.6/14

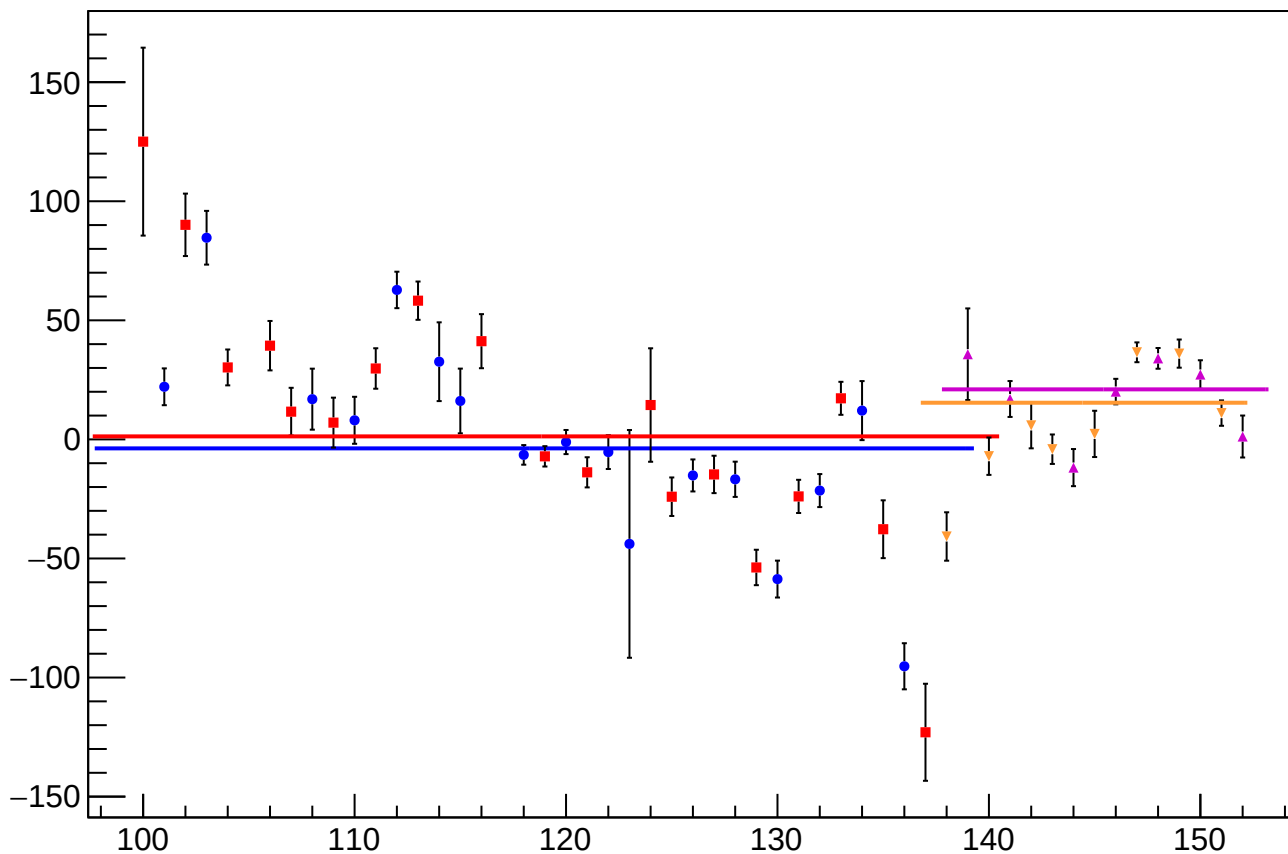
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.796+/-3.776 χ^2/NDF :84.2/6

Out: -463.797+/-3.539 χ^2/NDF :2935.6/7

All: -505.410+/-2.582 χ^2/NDF : 3315.6/14

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 15.398 ± 2.265 χ^2/NDF : 90.2/7

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: 17.971 ± 1.667 χ^2/NDF : 126.7/14

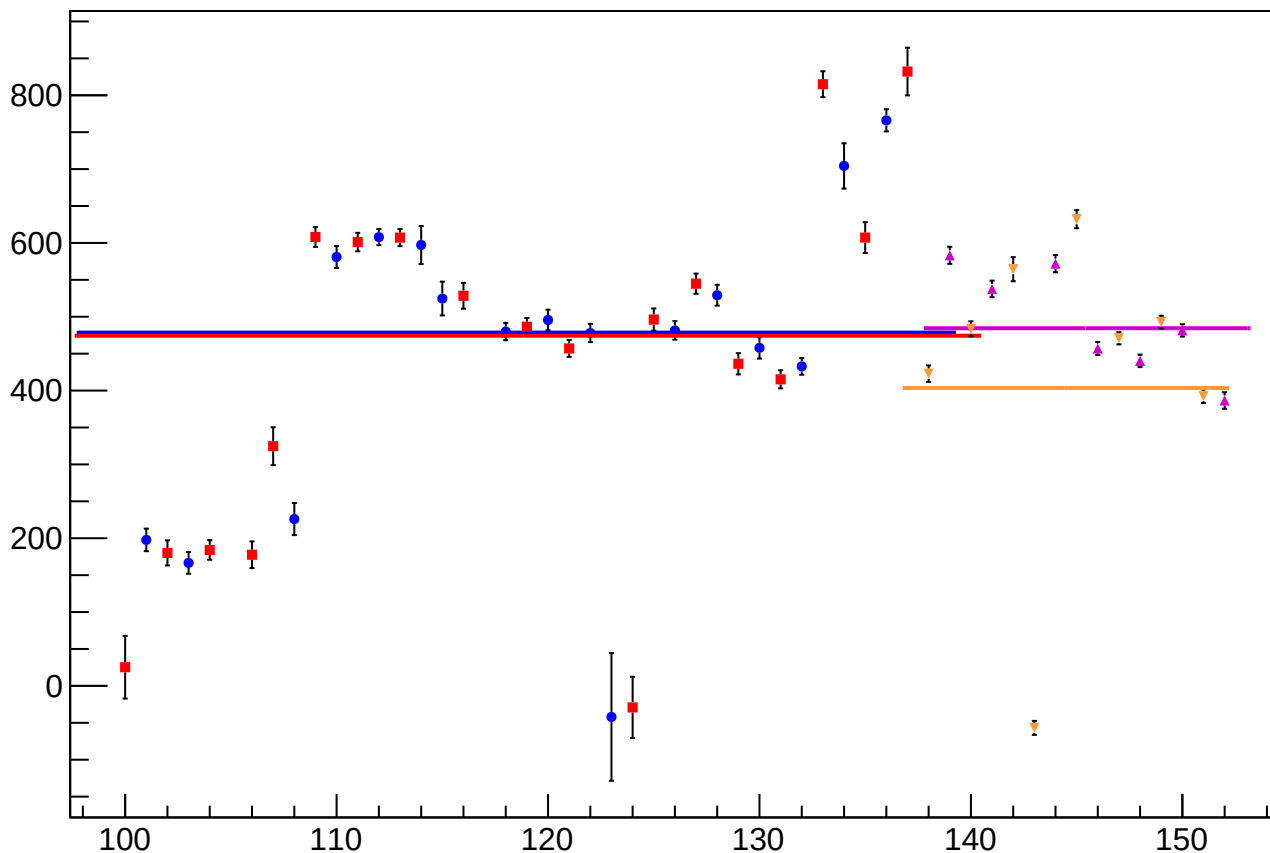
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: 5.409 ± 1.498 χ^2/NDF : 411.9/23

Out: 7.175 ± 1.465 χ^2/NDF : 416.6/26

All: 6.312 ± 1.047 χ^2/NDF : 829.2/50

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 403.519 $\pm$ 3.557 χ^2 /NDF:3031.6/7

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

Left In: 484.419 $\pm$ 3.725 χ^2 /NDF:264.9/6

Left: 442.098 $\pm$ 2.572 χ^2 /NDF: 3543.2/14

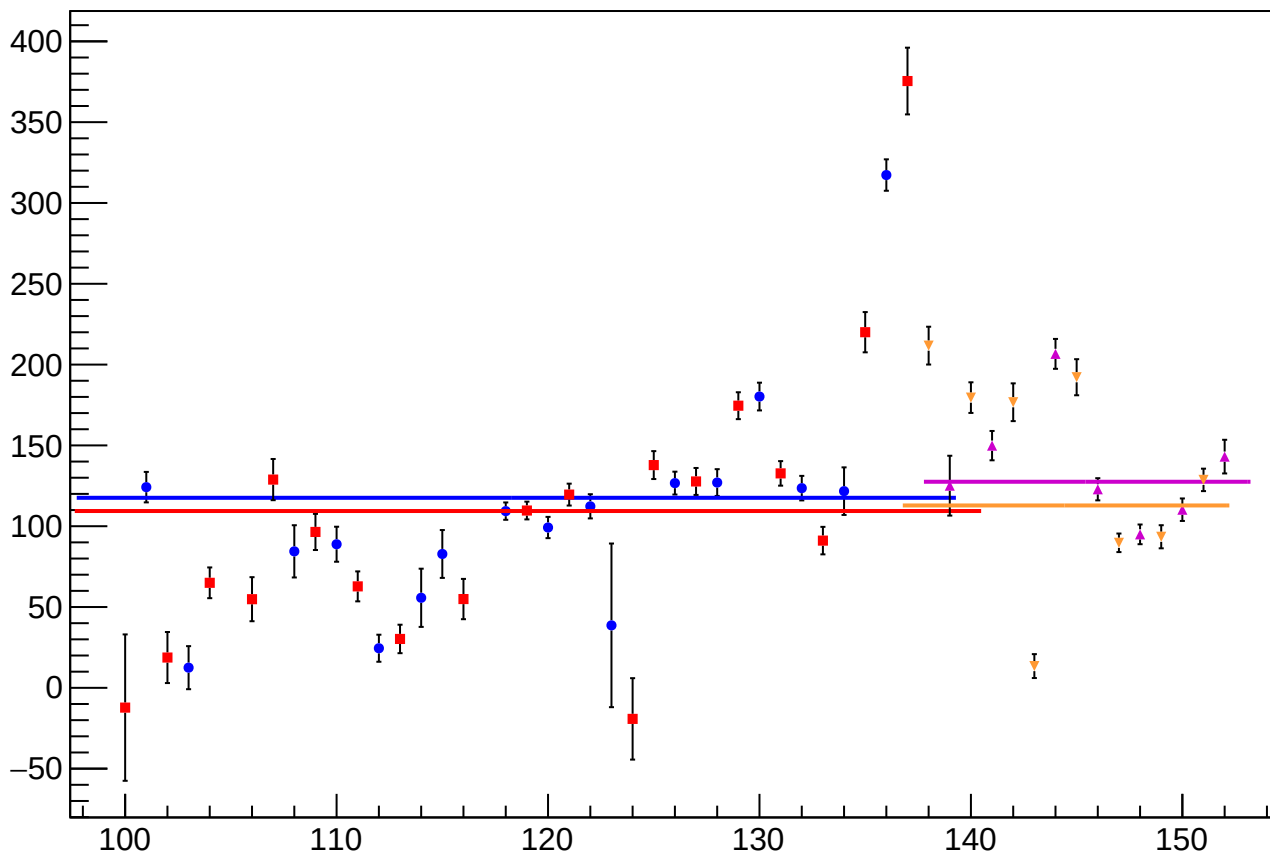
Right: 476.370 $\pm$ 2.532 χ^2 /NDF: 3916.8/35

In: 481.397 $\pm$ 2.600 χ^2 /NDF:1895.2/23

Out: 439.162 $\pm$ 2.506 χ^2 /NDF:5518.2/26

All: 459.507 $\pm$ 1.804 χ^2 /NDF: 7550.2/50

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: 112.845 ± 2.855 $\chi^2/\text{NDF}: 410.7/7$

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: 119.598 ± 2.096 $\chi^2/\text{NDF}: 539.6/14$

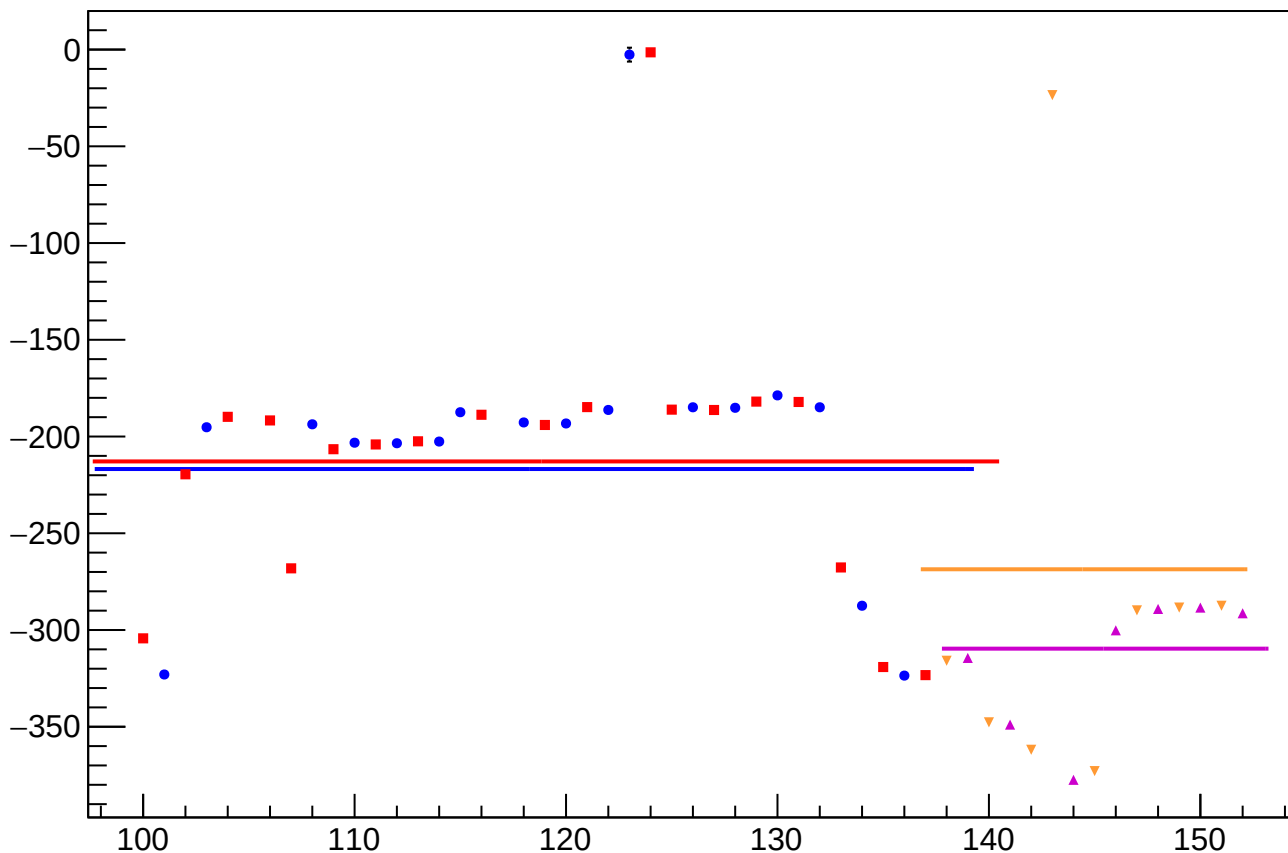
Right: 113.524 ± 1.557 $\chi^2/\text{NDF}: 1285.0/35$

In: 120.910 ± 1.788 $\chi^2/\text{NDF}: 830.4/23$

Out: 110.691 ± 1.747 $\chi^2/\text{NDF}: 982.8/26$

All: 115.683 ± 1.250 $\chi^2/\text{NDF}: 1830.0/50$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -268.611+/-0.151 χ^2/NDF : 532681.4/7

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

Left In: -309.635+/-0.156 χ^2/NDF : 34125.0/6

Left: -288.567+/-0.108 χ^2/NDF : 602529.2/14

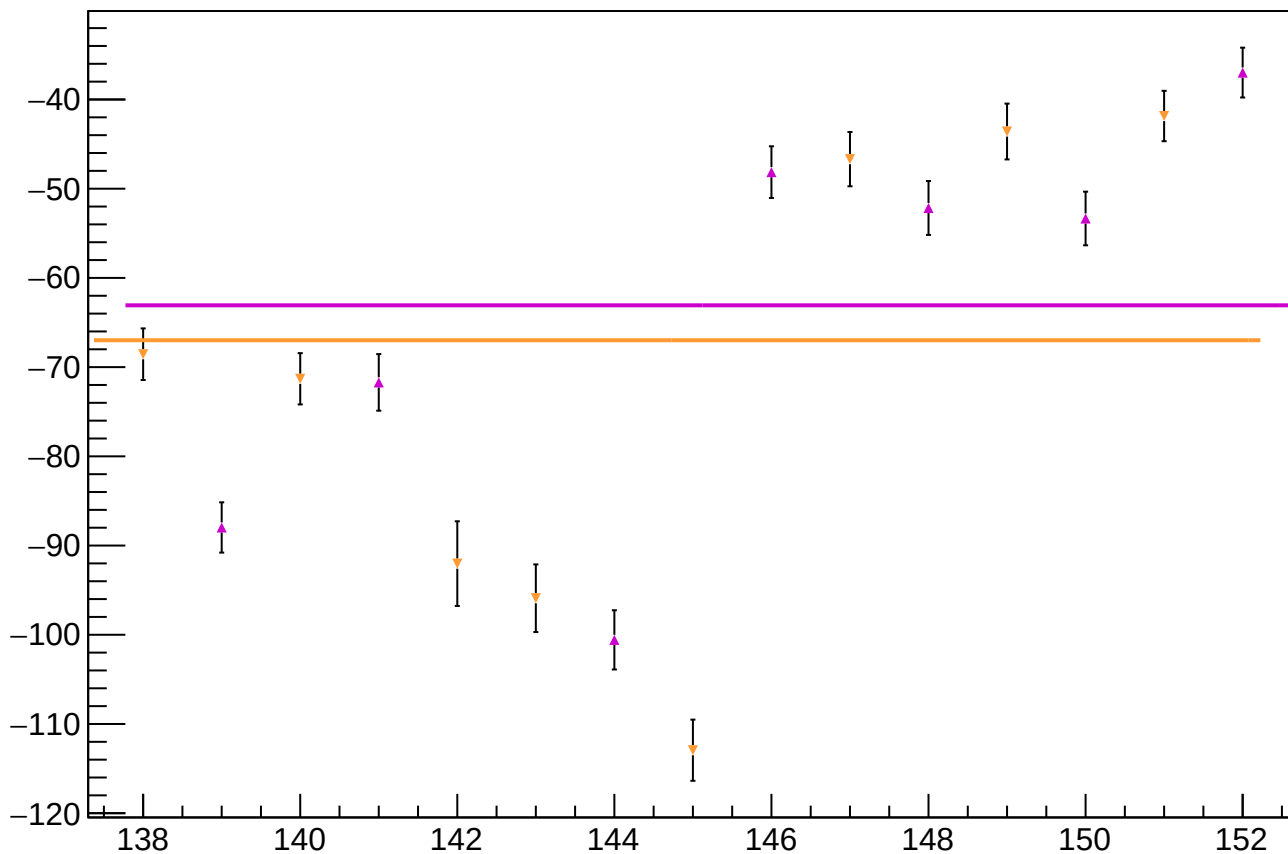
Right: -214.751+/-0.094 χ^2/NDF : 263806.1/35

In: -256.902+/-0.102 χ^2/NDF : 383446.9/23

Out: -236.560+/-0.099 χ^2/NDF : 727033.3/26

All: -246.372+/-0.071 χ^2/NDF : 1130974.4/50

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -66.987+/-1.136 χ^2/NDF :448.0/7

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: -65.019+/-0.801 χ^2/NDF : 804.4/14

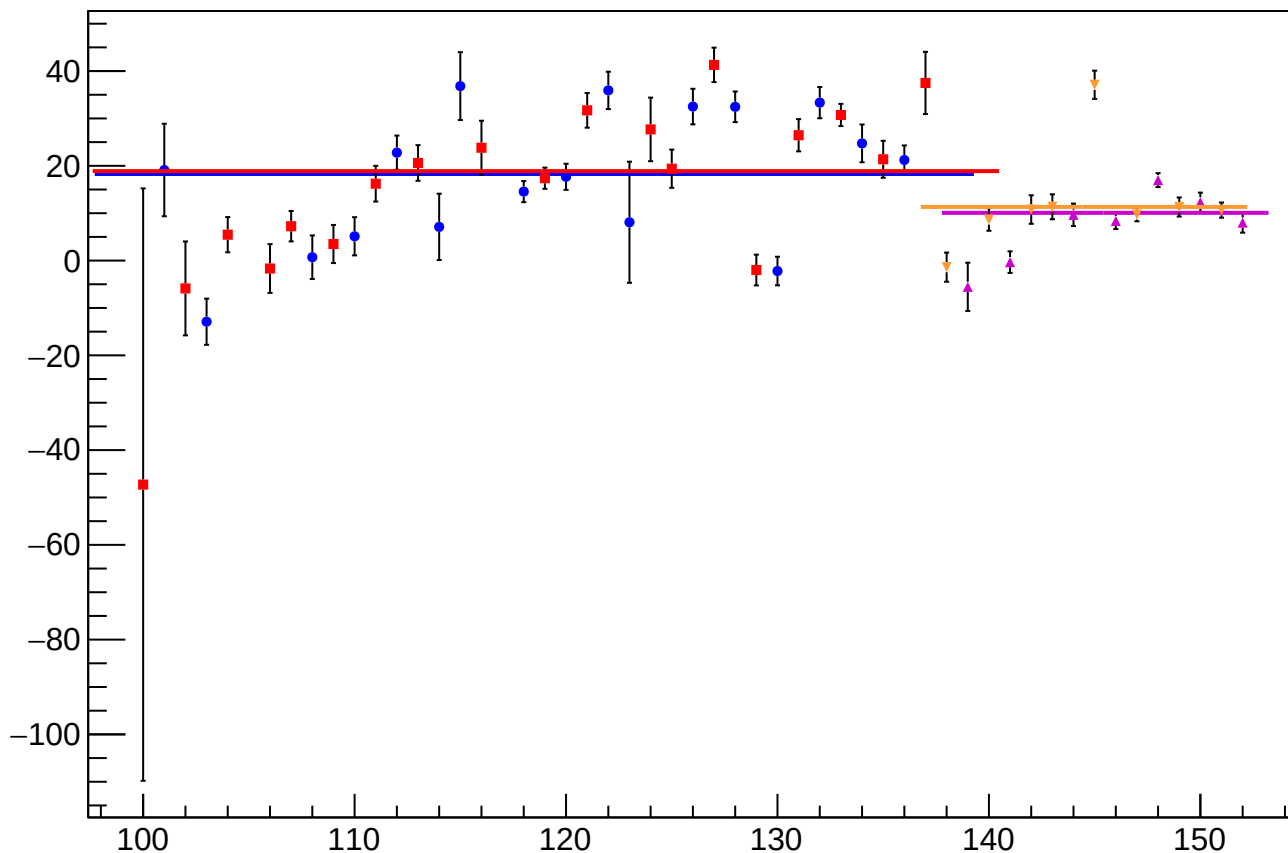
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.072+/-1.130 χ^2/NDF :350.4/6

Out: -66.987+/-1.136 χ^2/NDF :448.0/7

All: -65.019+/-0.801 χ^2/NDF : 804.4/14

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 11.325 ± 0.752 χ^2/NDF : 94.5/7

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: 10.717 ± 0.539 χ^2/NDF : 151.5/14

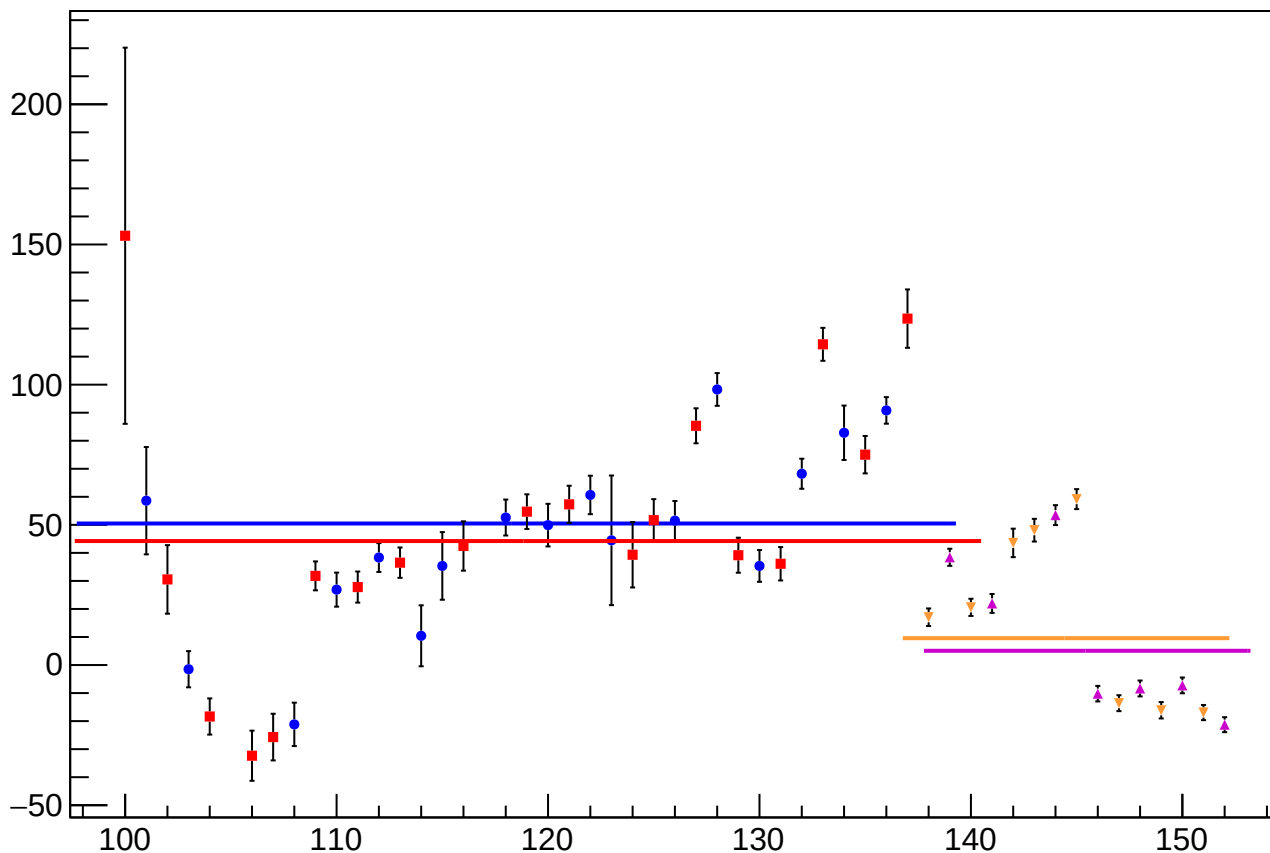
Right: 18.595 ± 0.625 χ^2/NDF : 403.2/35

In: 13.526 ± 0.587 χ^2/NDF : 307.7/23

Out: 14.583 ± 0.568 χ^2/NDF : 336.5/26

All: 14.072 ± 0.408 χ^2/NDF : 645.8/50

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 9.581 $\pm$ 1.144 χ^2 /NDF: 588.1/7

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

Left In: 5.084 $\pm$ 1.121 χ^2 /NDF: 499.6/6

Left: 7.288 $\pm$ 0.801 χ^2 /NDF: 1095.6/14

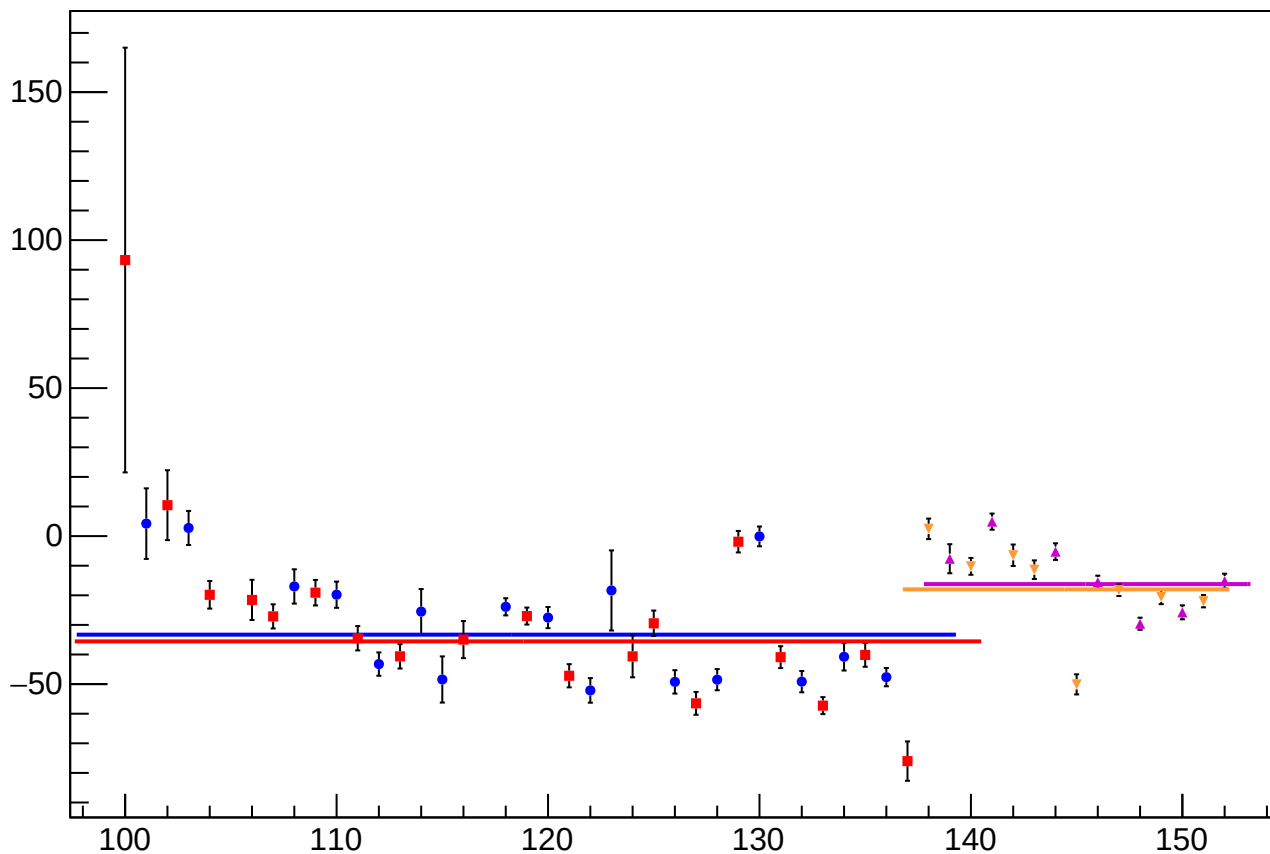
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 19.210 $\pm$ 0.930 χ^2 /NDF: 1367.8/23

Out: 21.268 $\pm$ 0.931 χ^2 /NDF: 1432.1/26

All: 20.239 $\pm$ 0.658 χ^2 /NDF: 2802.4/50

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: -17.998 ± 0.944 $\chi^2/\text{NDF}: 150.7/7$

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: -17.116 ± 0.672 $\chi^2/\text{NDF}: 289.8/14$

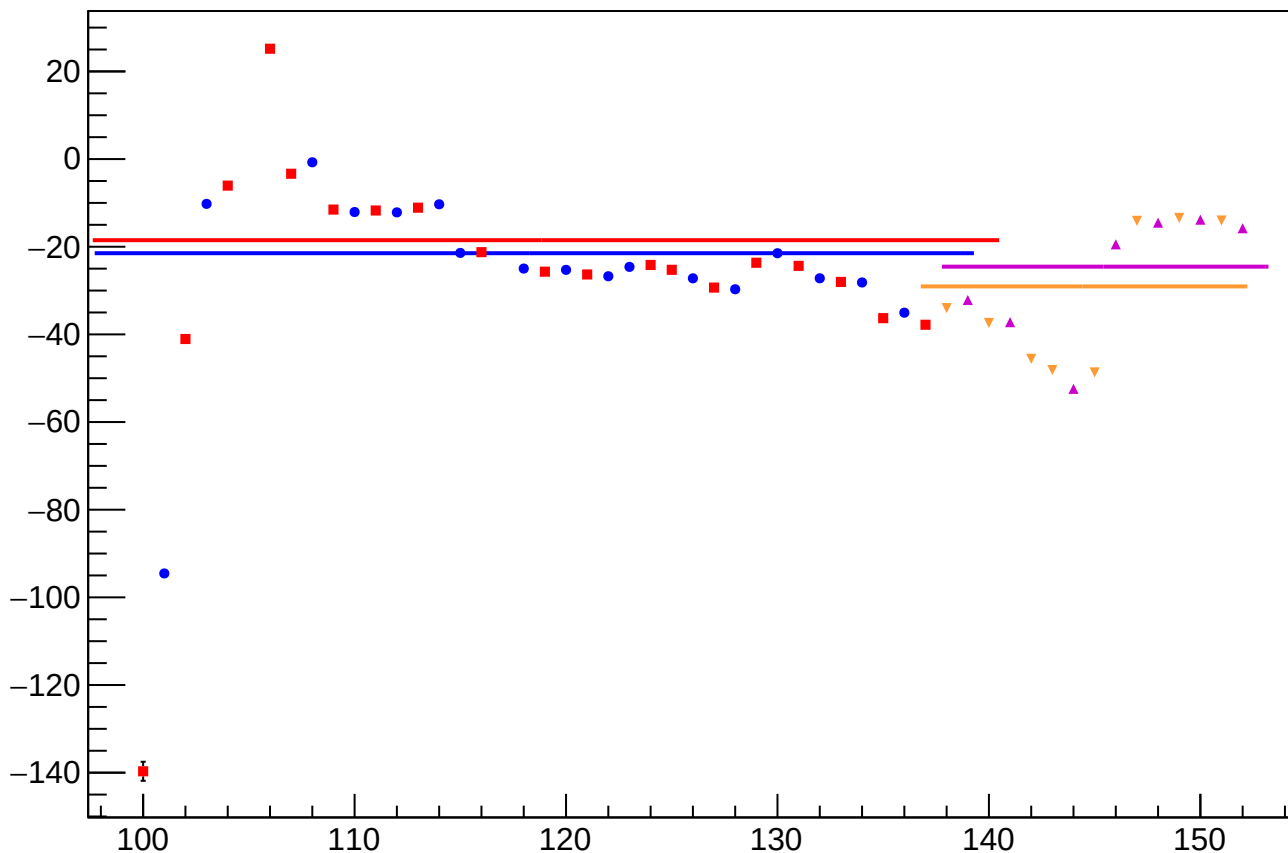
Right: -34.474 ± 0.716 $\chi^2/\text{NDF}: 579.3/35$

In: -24.106 ± 0.702 $\chi^2/\text{NDF}: 573.5/23$

Out: -26.346 ± 0.684 $\chi^2/\text{NDF}: 602.7/26$

All: -25.256 ± 0.490 $\chi^2/\text{NDF}: 1181.4/50$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -29.054 ± 0.048 $\chi^2/\text{NDF}: 89869.7/7$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

Left In: -24.546 ± 0.046 $\chi^2/\text{NDF}: 69066.5/6$

Left: -26.703 ± 0.033 $\chi^2/\text{NDF}: 163472.7/14$

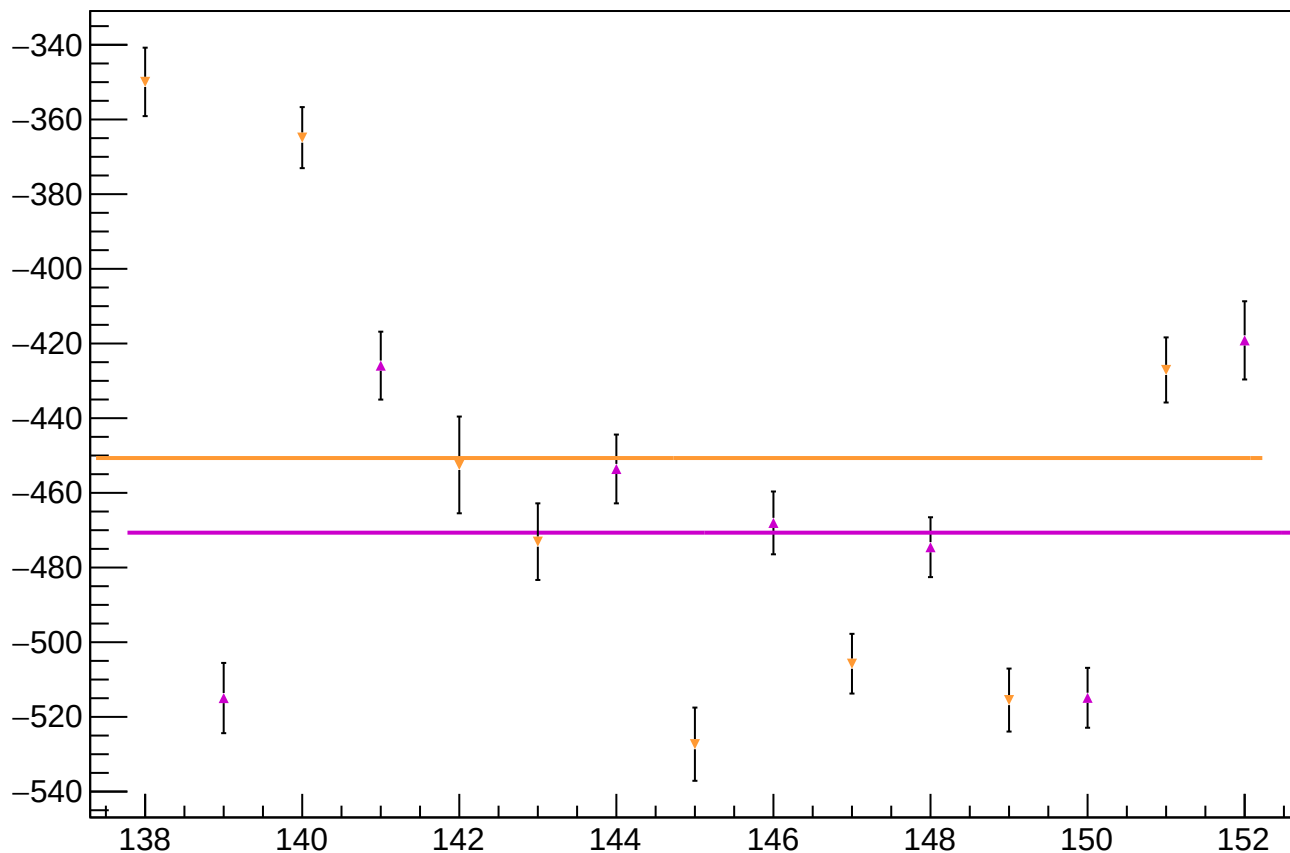
Right: -19.957 ± 0.041 $\chi^2/\text{NDF}: 131054.3/35$

In: -23.369 ± 0.036 $\chi^2/\text{NDF}: 119763.6/23$

Out: -24.673 ± 0.037 $\chi^2/\text{NDF}: 190382.7/26$

All: -24.010 ± 0.026 $\chi^2/\text{NDF}: 310779.3/50$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -450.673 ± 3.235 $\chi^2/\text{NDF}: 410.7/7$

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

Left In: -470.662 ± 3.342 $\chi^2/\text{NDF}: 104.7/6$

Left: -460.340 ± 2.324 $\chi^2/\text{NDF}: 533.9/14$

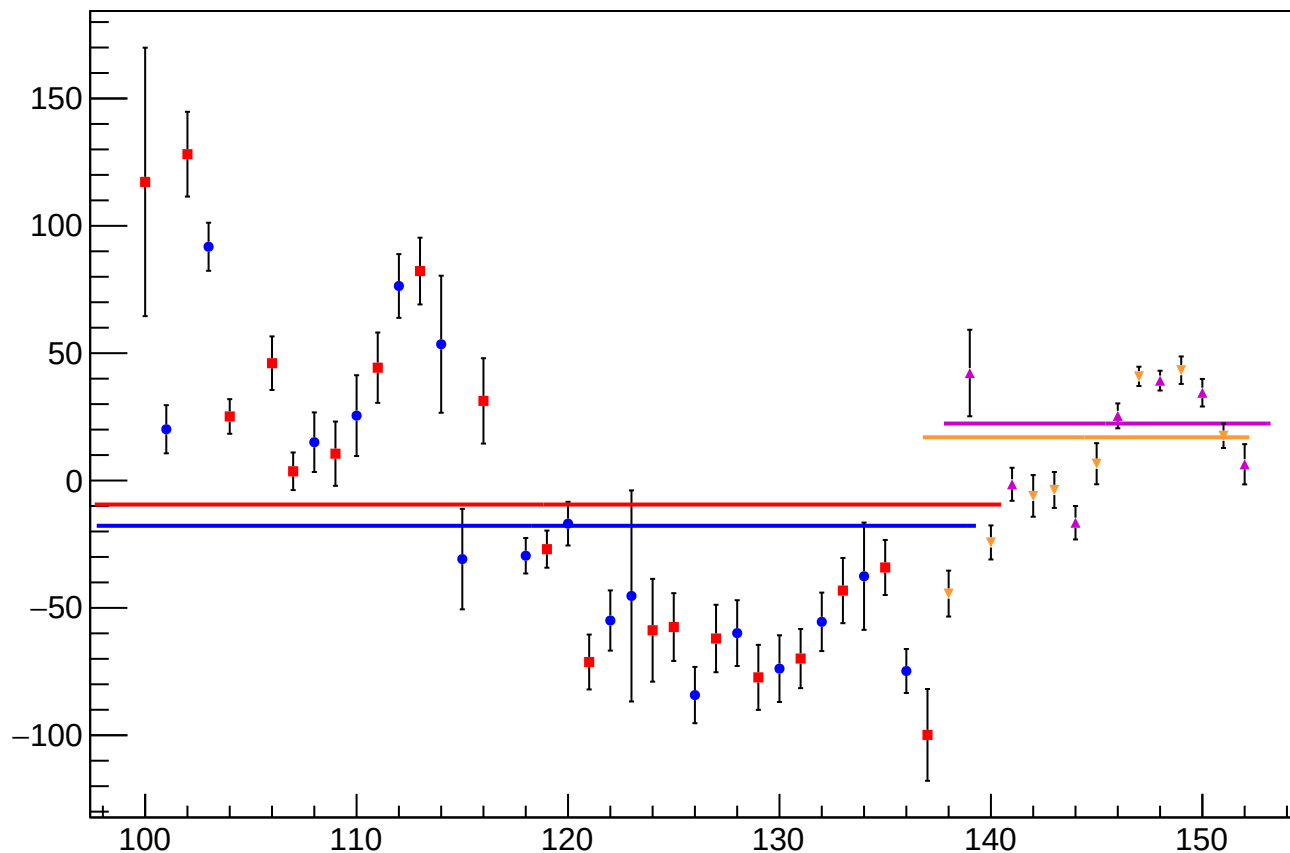
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -470.662 ± 3.342 $\chi^2/\text{NDF}: 104.7/6$

Out: -450.673 ± 3.235 $\chi^2/\text{NDF}: 410.7/7$

All: -460.340 ± 2.324 $\chi^2/\text{NDF}: 533.9/14$

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 16.975 ± 2.075 χ^2/NDF : 166.4/7

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

Left In: 22.373 ± 2.187 χ^2/NDF : 78.4/6

Left: 19.532 ± 1.505 χ^2/NDF : 248.0/14

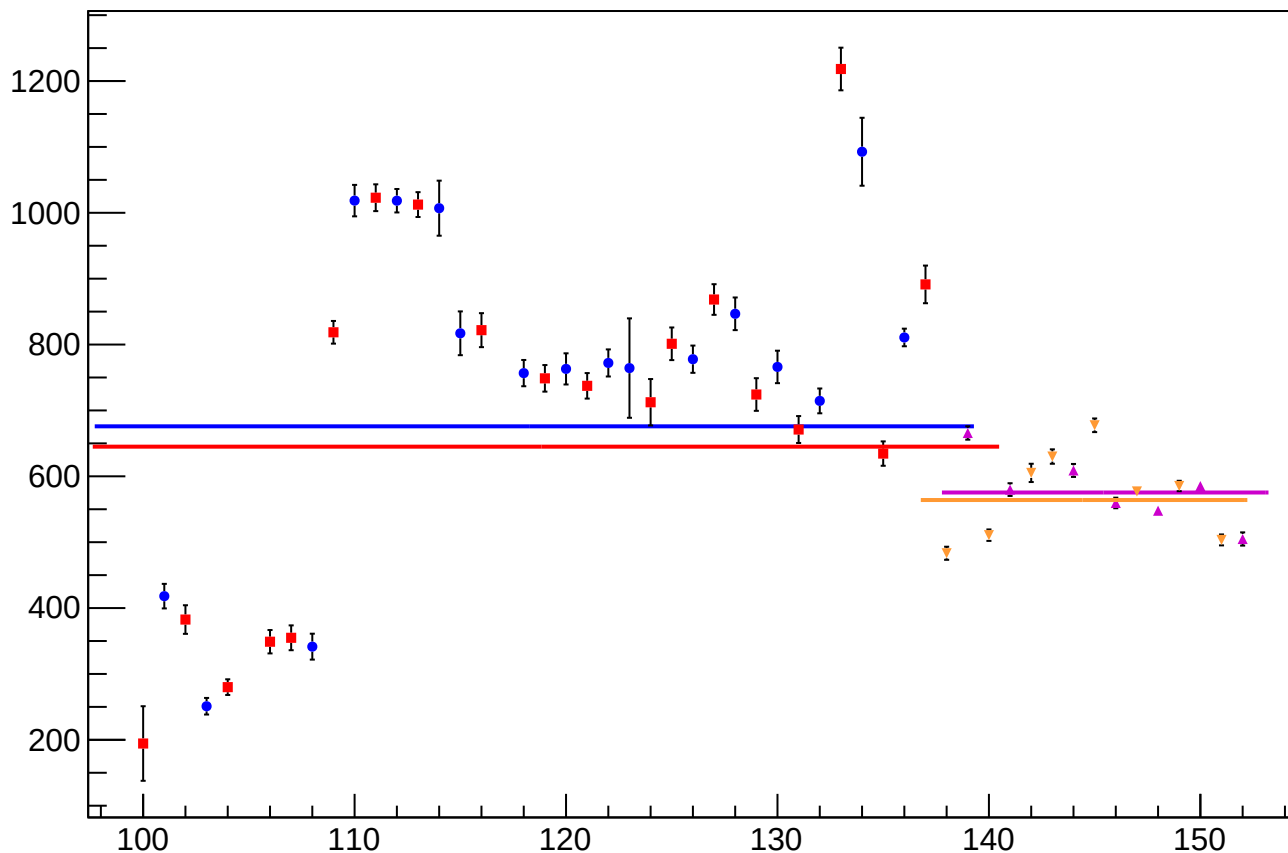
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: 7.037 ± 1.719 χ^2/NDF : 570.9/23

Out: 6.772 ± 1.625 χ^2/NDF : 598.5/26

All: 6.897 ± 1.181 χ^2/NDF : 1169.5/50

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 564.012+/-3.249 χ^2/NDF : 332.6/7

Right Out: 645.014+/-4.761 χ^2/NDF : 3123.3/18

Left In: 575.425+/-3.305 χ^2/NDF : 159.1/6

Left: 569.621+/-2.317 χ^2/NDF : 497.8/14

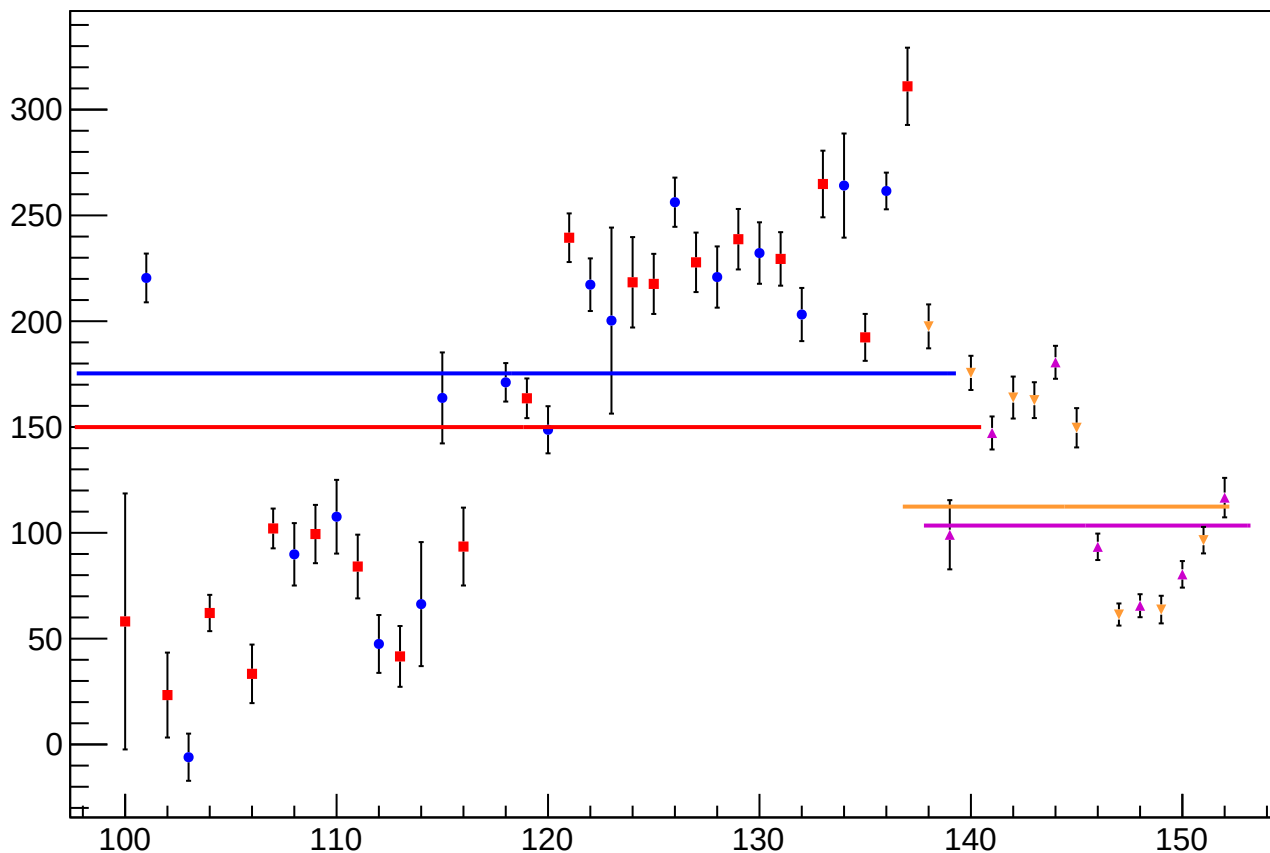
Right: 659.573+/-3.460 χ^2/NDF : 5729.5/35

In: 605.659+/-2.763 χ^2/NDF : 3023.5/23

Out: 589.751+/-2.684 χ^2/NDF : 3653.4/26

All: 597.472+/-1.925 χ^2/NDF : 6693.9/50

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: 112.392 $\pm$ 2.618 χ^2 /NDF:364.1/7

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: 108.119 $\pm$ 1.894 χ^2 /NDF: 565.9/14

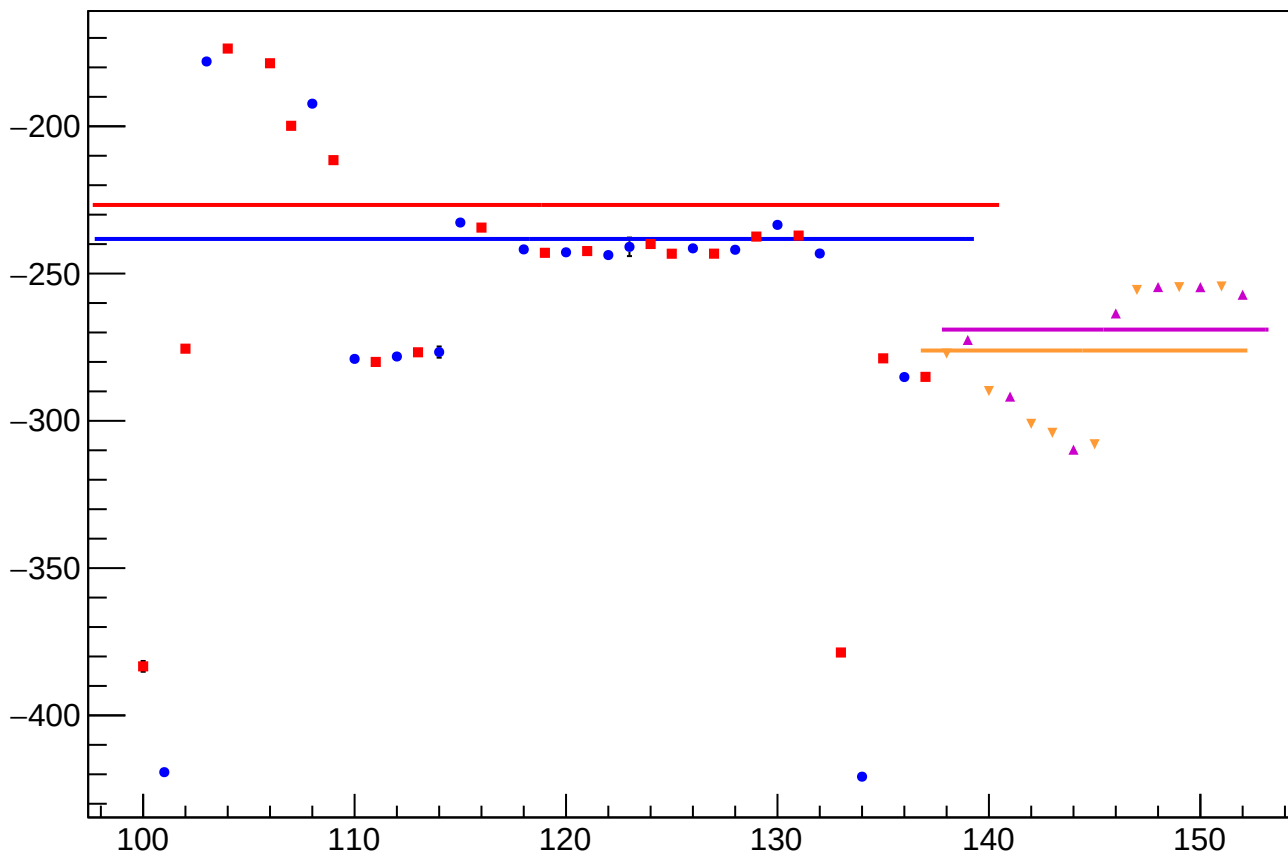
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 133.844 $\pm$ 2.083 χ^2 /NDF:1125.6/23

Out: 128.362 $\pm$ 1.985 χ^2 /NDF:1144.8/26

All: 130.972 $\pm$ 1.437 χ^2 /NDF: 2274.0/50

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248 ± 0.160 χ^2/NDF : 167125.9/16

Left Out: -276.123 ± 0.139 χ^2/NDF : 24423.5/7

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: -272.553 ± 0.098 χ^2/NDF : 43318.8/14

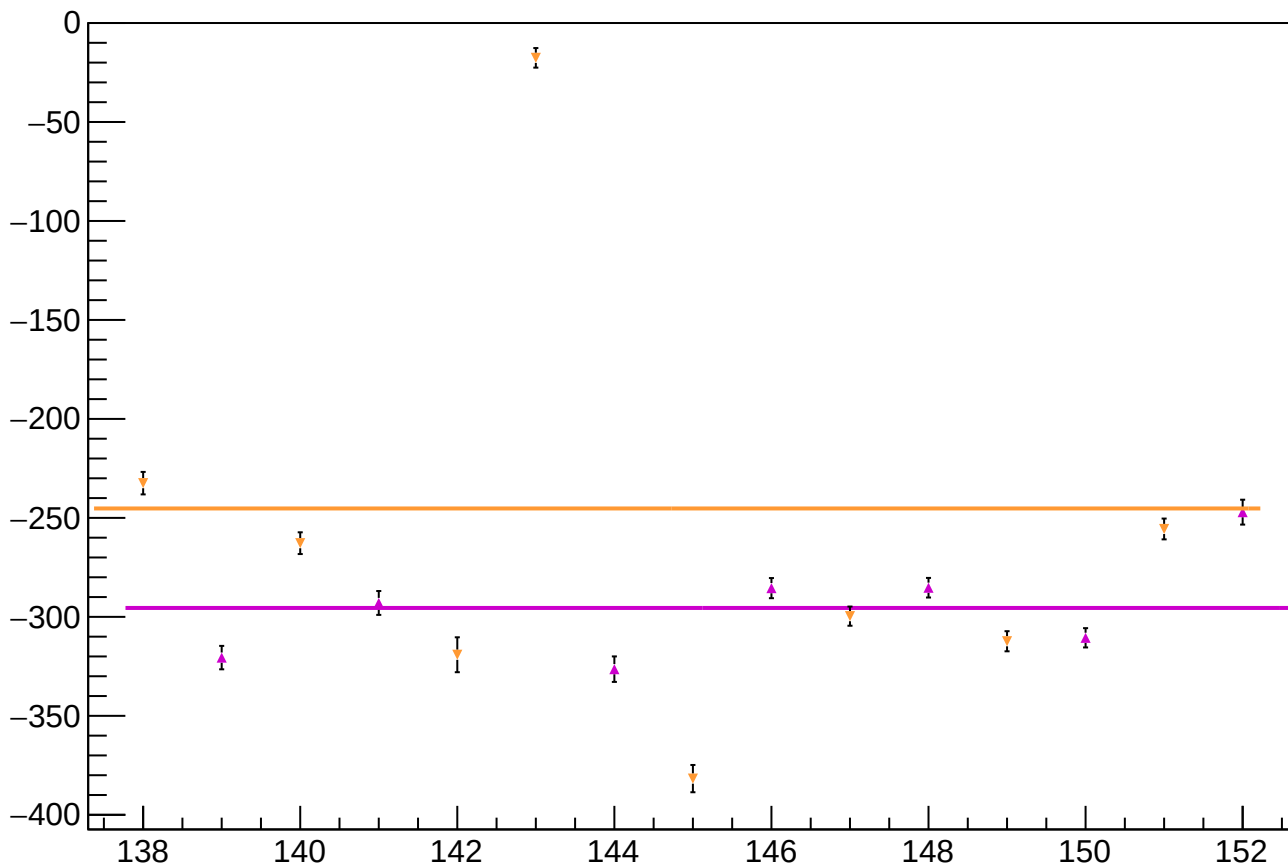
Right: -232.150 ± 0.110 χ^2/NDF : 272709.4/35

In: -255.898 ± 0.104 χ^2/NDF : 205941.7/23

Out: -253.529 ± 0.102 χ^2/NDF : 185311.3/26

All: -254.687 ± 0.073 χ^2/NDF : 391515.9/50

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: -245.242+/-1.974 χ^2/NDF :2900.3/7

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: -268.835+/-1.438 χ^2/NDF : 3322.6/14

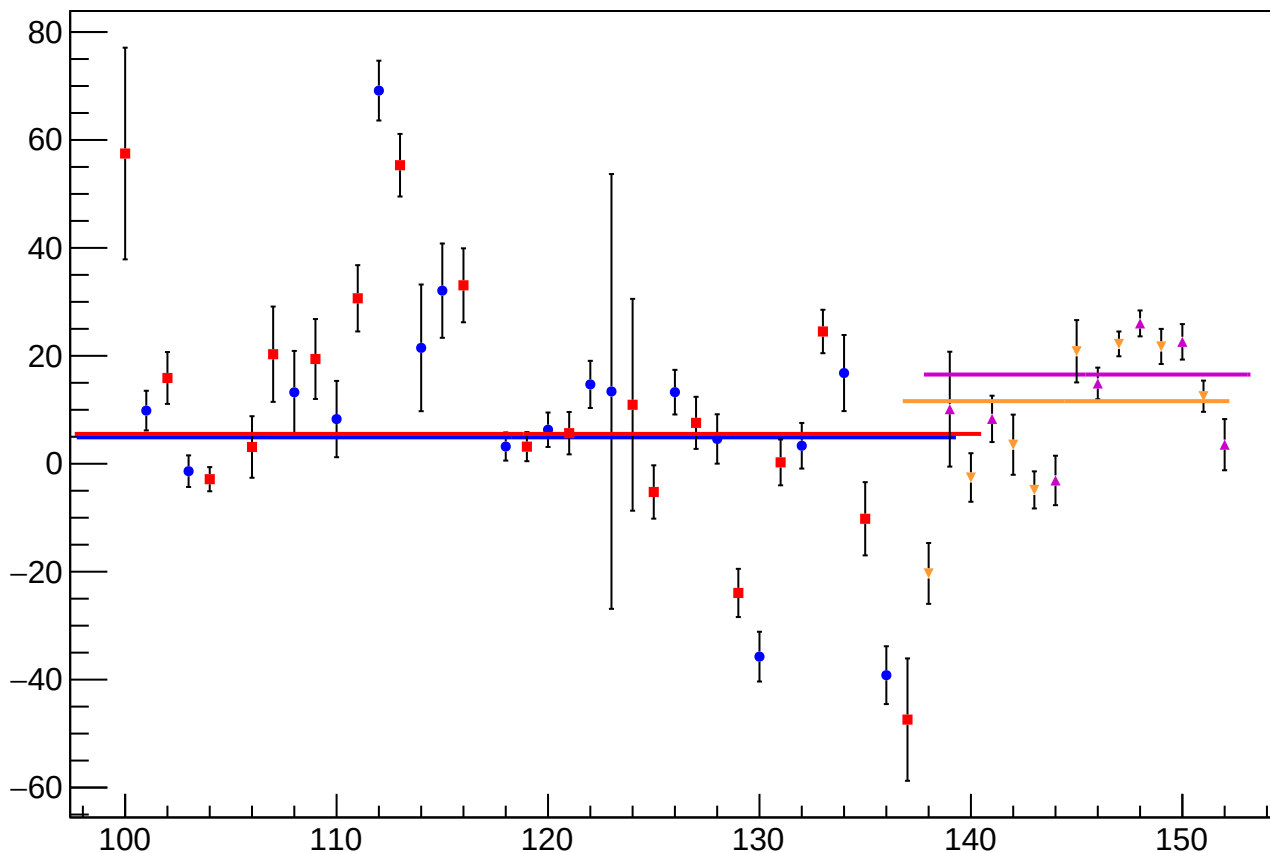
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.497+/-2.099 χ^2/NDF :118.2/6

Out: -245.242+/-1.974 χ^2/NDF :2900.3/7

All: -268.835+/-1.438 χ^2/NDF : 3322.6/14

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 11.606 ± 1.259 χ^2/NDF : 100.6/7

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

Left In: 16.532 ± 1.364 χ^2/NDF : 49.2/6

Left: 13.871 ± 0.925 χ^2/NDF : 156.8/14

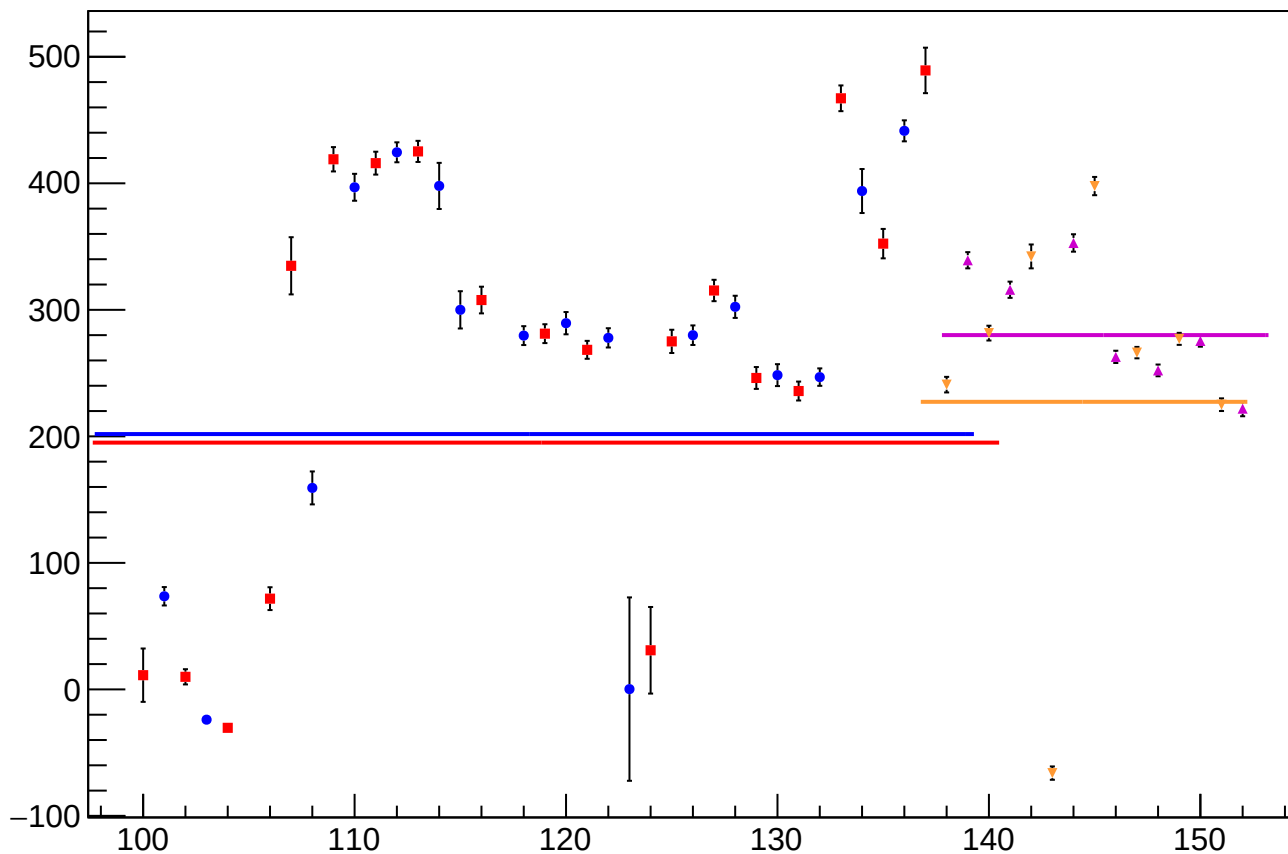
Right: 5.220 ± 0.764 χ^2/NDF : 551.3/35

In: 9.425 ± 0.851 χ^2/NDF : 405.6/23

Out: 8.085 ± 0.816 χ^2/NDF : 353.3/26

All: 8.727 ± 0.589 χ^2/NDF : 760.1/50

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: 227.299 $\pm$ 1.980 χ^2 /NDF:4069.5/7

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: 252.552 $\pm$ 1.430 χ^2 /NDF: 4780.1/14

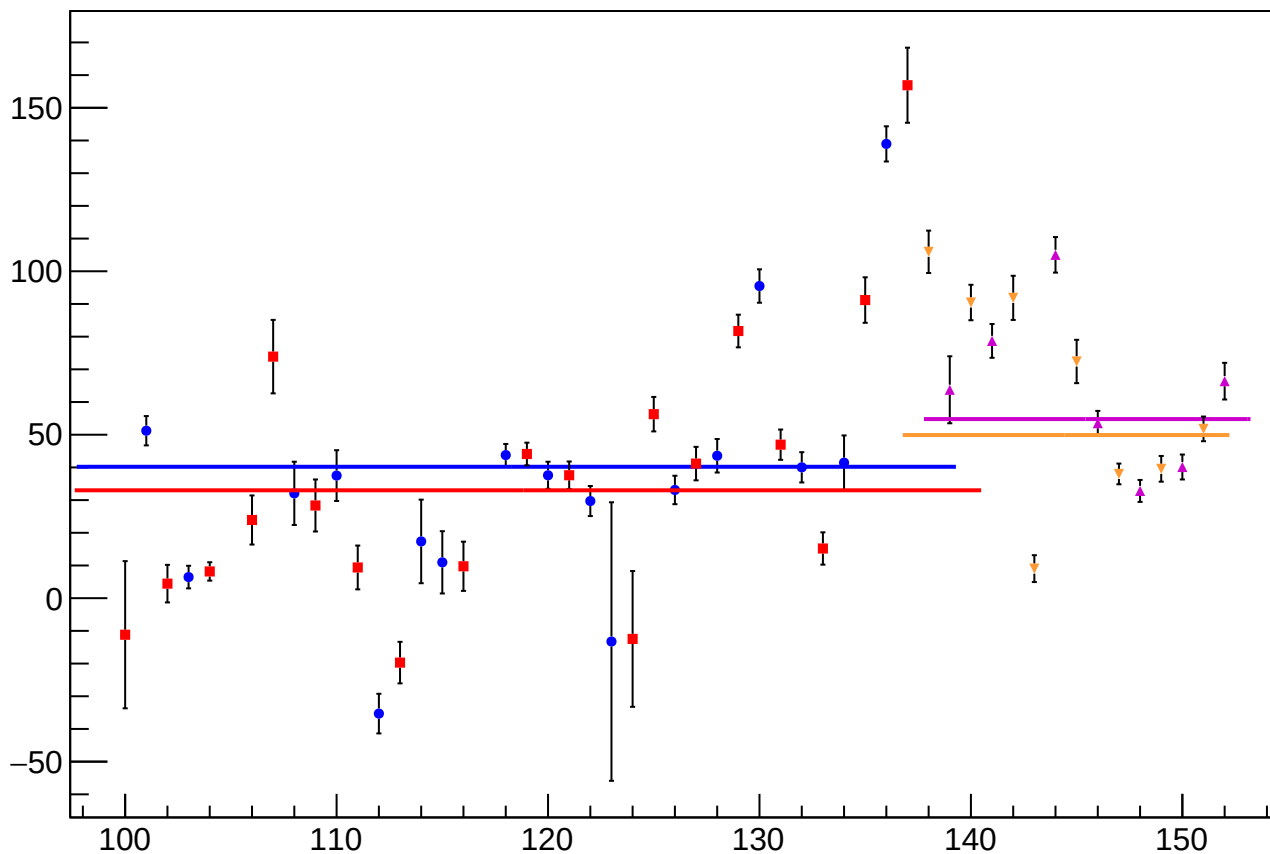
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 239.069 $\pm$ 1.426 χ^2 /NDF:7876.0/23

Out: 210.713 $\pm$ 1.380 χ^2 /NDF:12463.0/26

All: 224.428 $\pm$ 0.992 χ^2 /NDF: 20543.2/50

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: 49.901 $\pm$ 1.588 χ^2 /NDF:300.9/7

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: 52.159 $\pm$ 1.165 χ^2 /NDF: 474.7/14

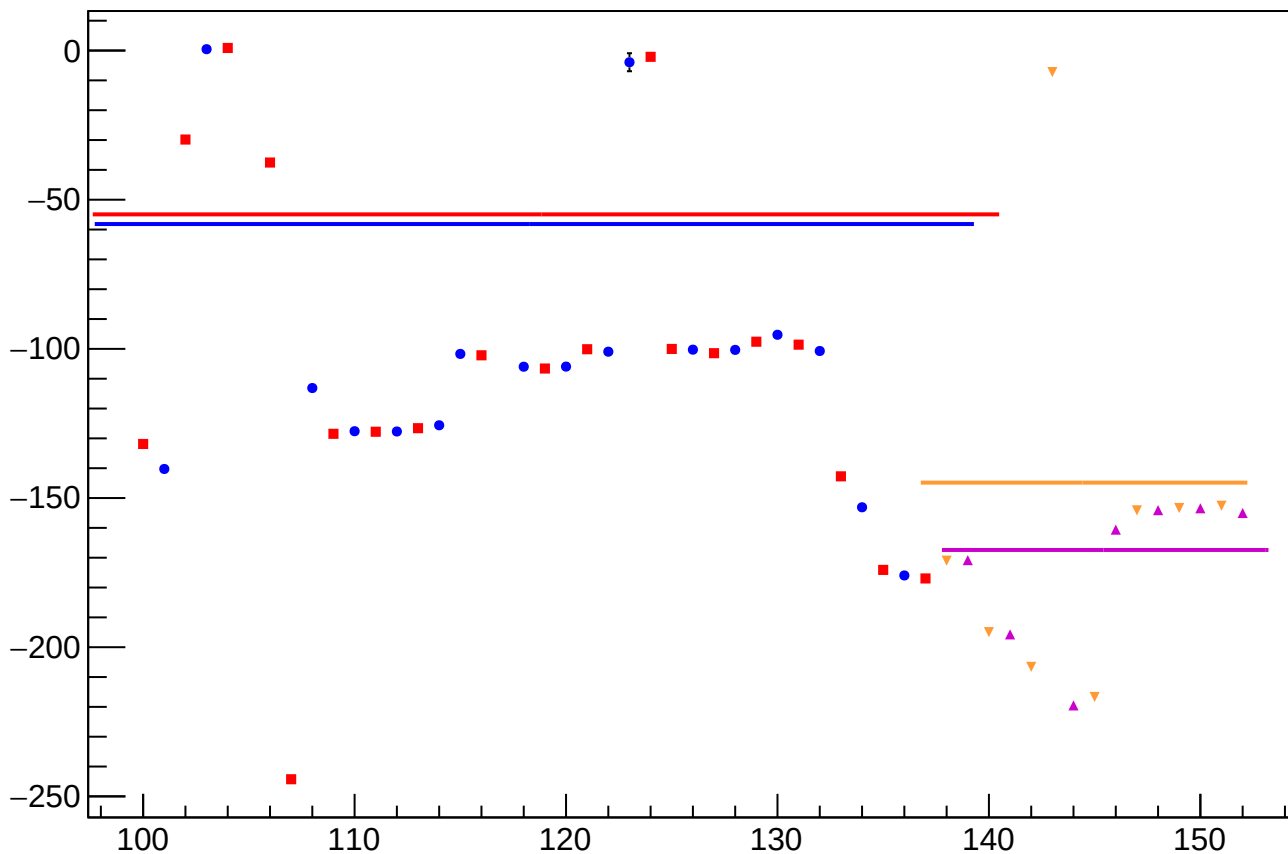
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 45.356 $\pm$ 1.019 χ^2 /NDF:951.3/23

Out: 39.480 $\pm$ 0.983 χ^2 /NDF:924.8/26

All: 42.314 $\pm$ 0.708 χ^2 /NDF: 1893.3/50

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: -144.832+/-0.084 χ^2/NDF : 569317.8/7

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: -155.869+/-0.060 χ^2/NDF : 659507.4/14

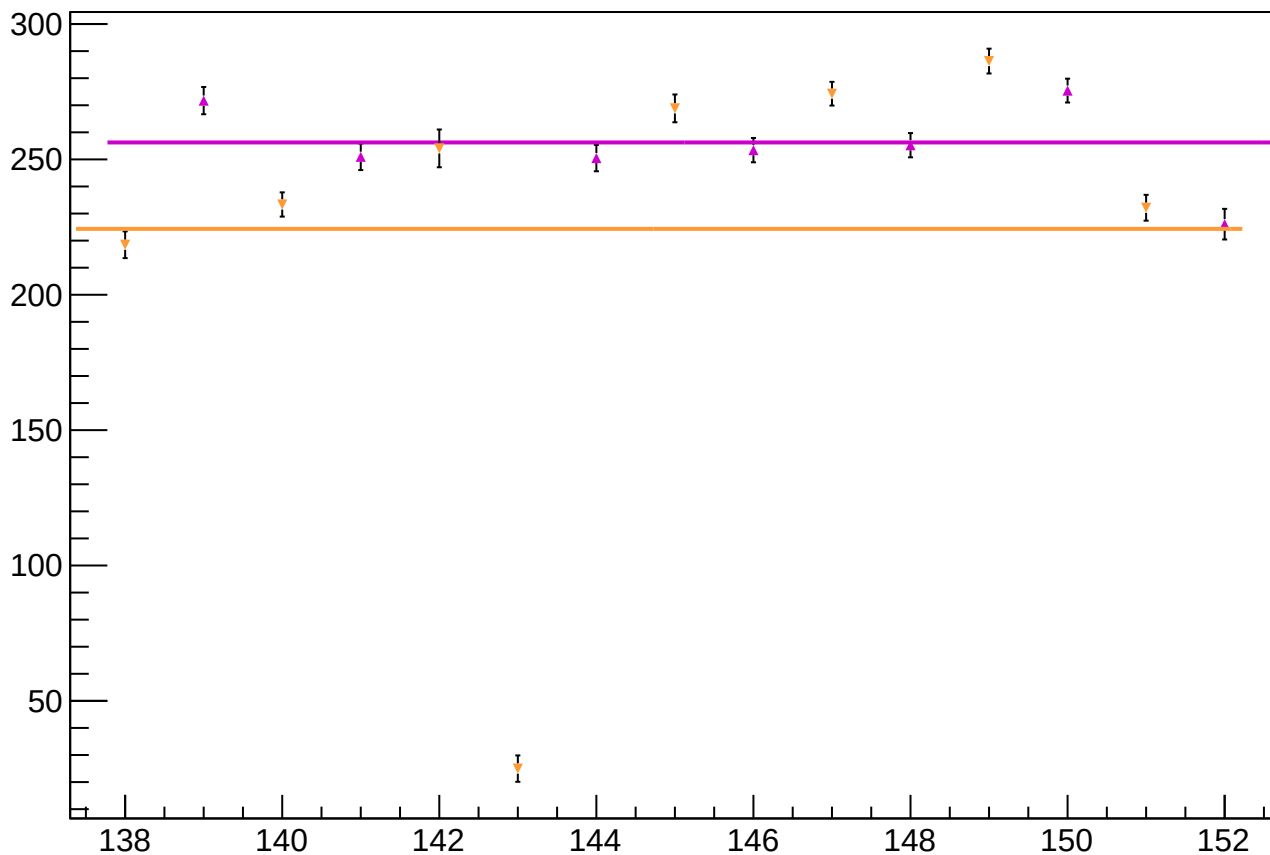
Right: -56.499+/-0.043 χ^2/NDF : 2110811.0/35

In: -95.040+/-0.050 χ^2/NDF : 2223562.6/23

Out: -85.266+/-0.049 χ^2/NDF : 2325775.7/26

All: -90.045+/-0.035 χ^2/NDF : 4568779.8/50

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: 224.345+/-1.727 χ^2/NDF :2090.1/7

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: 239.562+/-1.249 χ^2/NDF : 2312.8/14

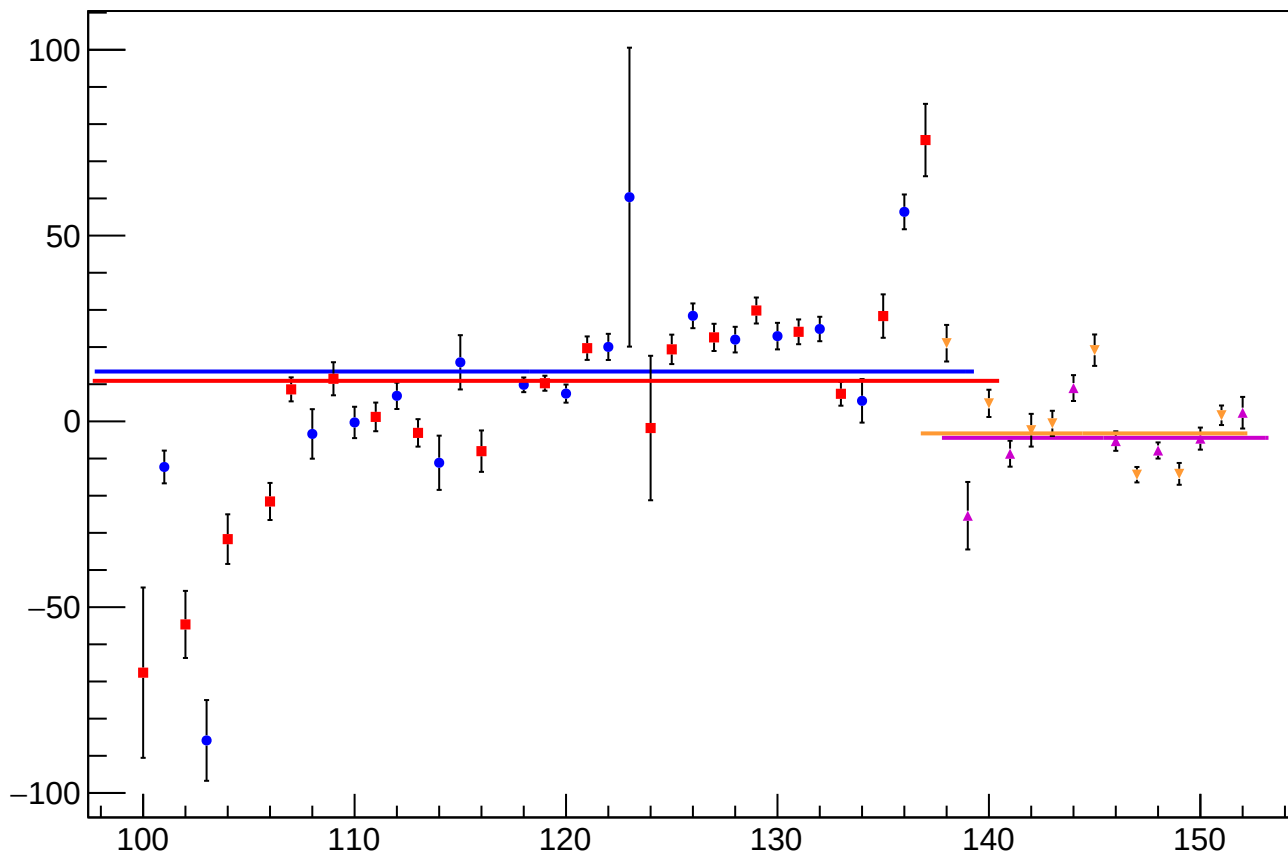
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.261+/-1.809 χ^2/NDF :59.9/6

Out: 224.345+/-1.727 χ^2/NDF :2090.1/7

All: 239.562+/-1.249 χ^2/NDF : 2312.8/14

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: -3.236+/-1.116 χ^2/NDF : 103.7/7

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: -3.792+/-0.815 χ^2/NDF : 130.9/14

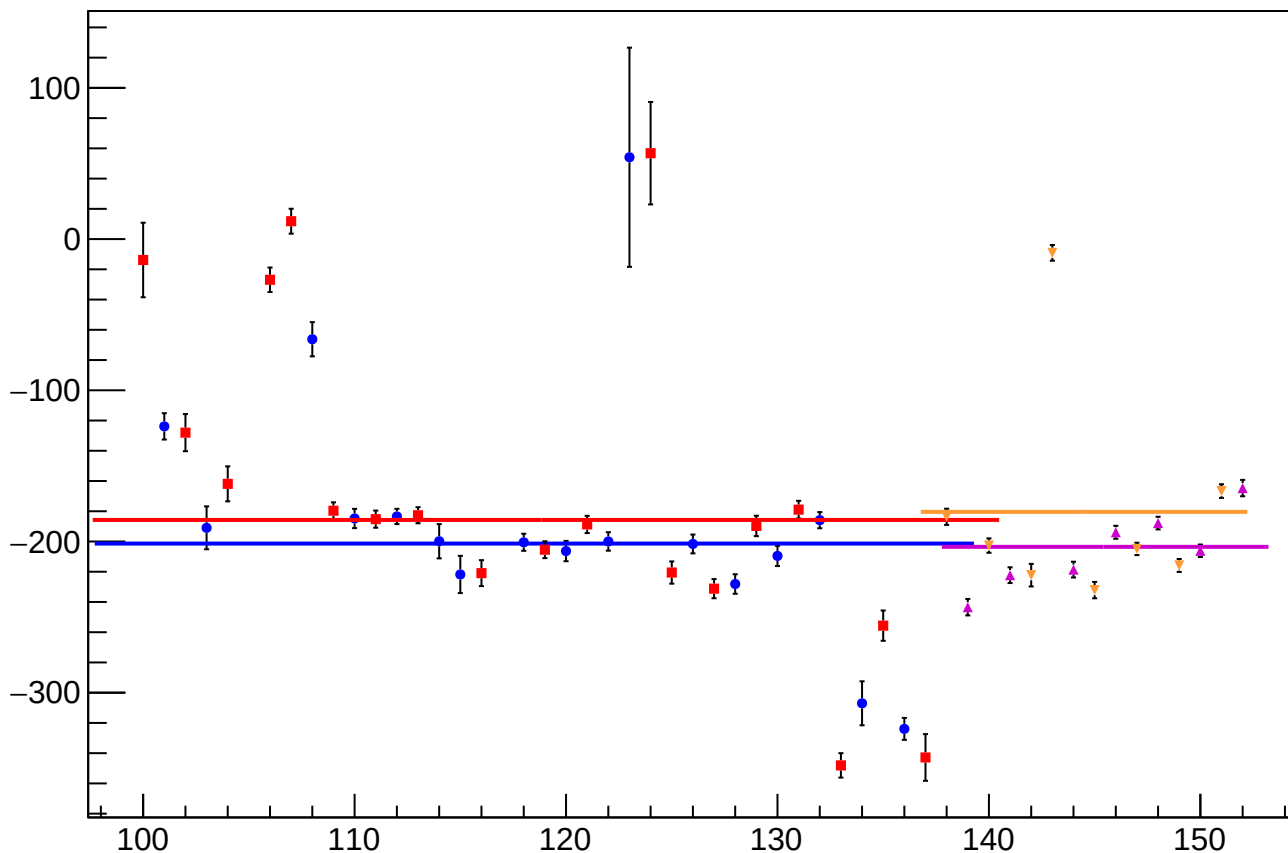
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 6.770+/-0.728 χ^2/NDF : 462.4/23

Out: 5.215+/-0.708 χ^2/NDF : 502.2/26

All: 5.971+/-0.508 χ^2/NDF : 966.9/50

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 $\pm$ 1.779 χ^2 /NDF: 623.5/16

Left Out: -180.412 $\pm$ 1.740 χ^2 /NDF:1343.8/7

Right Out: -185.739 $\pm$ 1.700 χ^2 /NDF: 1749.3/18

Left In: -203.539 $\pm$ 1.792 χ^2 /NDF:145.9/6

Left: -191.631 $\pm$ 1.248 χ^2 /NDF: 1575.4/14

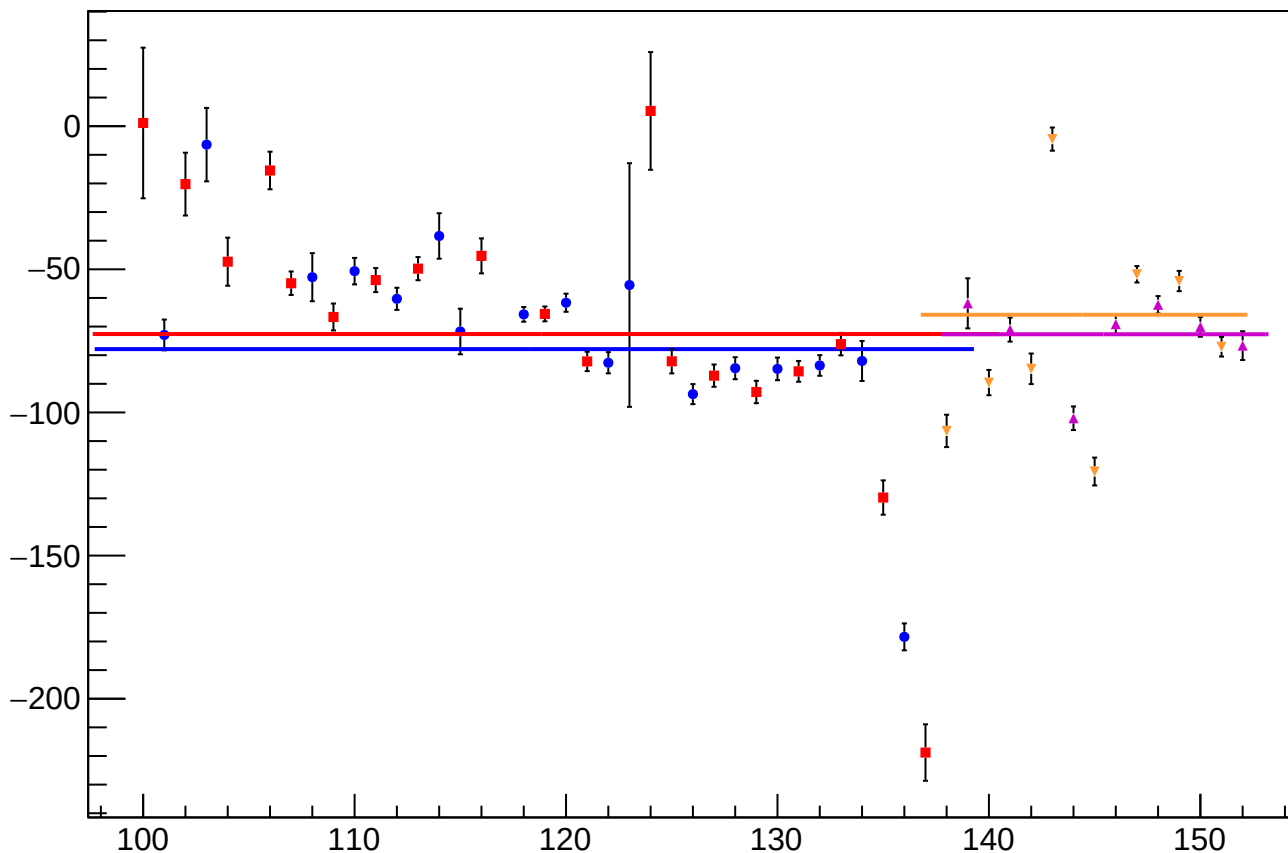
Right: -193.204 $\pm$ 1.229 χ^2 /NDF: 2413.2/35

In: -202.454 $\pm$ 1.263 χ^2 /NDF:770.1/23

Out: -183.137 $\pm$ 1.216 χ^2 /NDF:3097.9/26

All: -192.430 $\pm$ 0.876 χ^2 /NDF: 3989.4/50

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -65.876 ± 1.404 $\chi^2/\text{NDF}: 495.6/7$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

Left In: -72.686 ± 1.492 $\chi^2/\text{NDF}: 66.0/6$

Left: -69.074 ± 1.022 $\chi^2/\text{NDF}: 572.6/14$

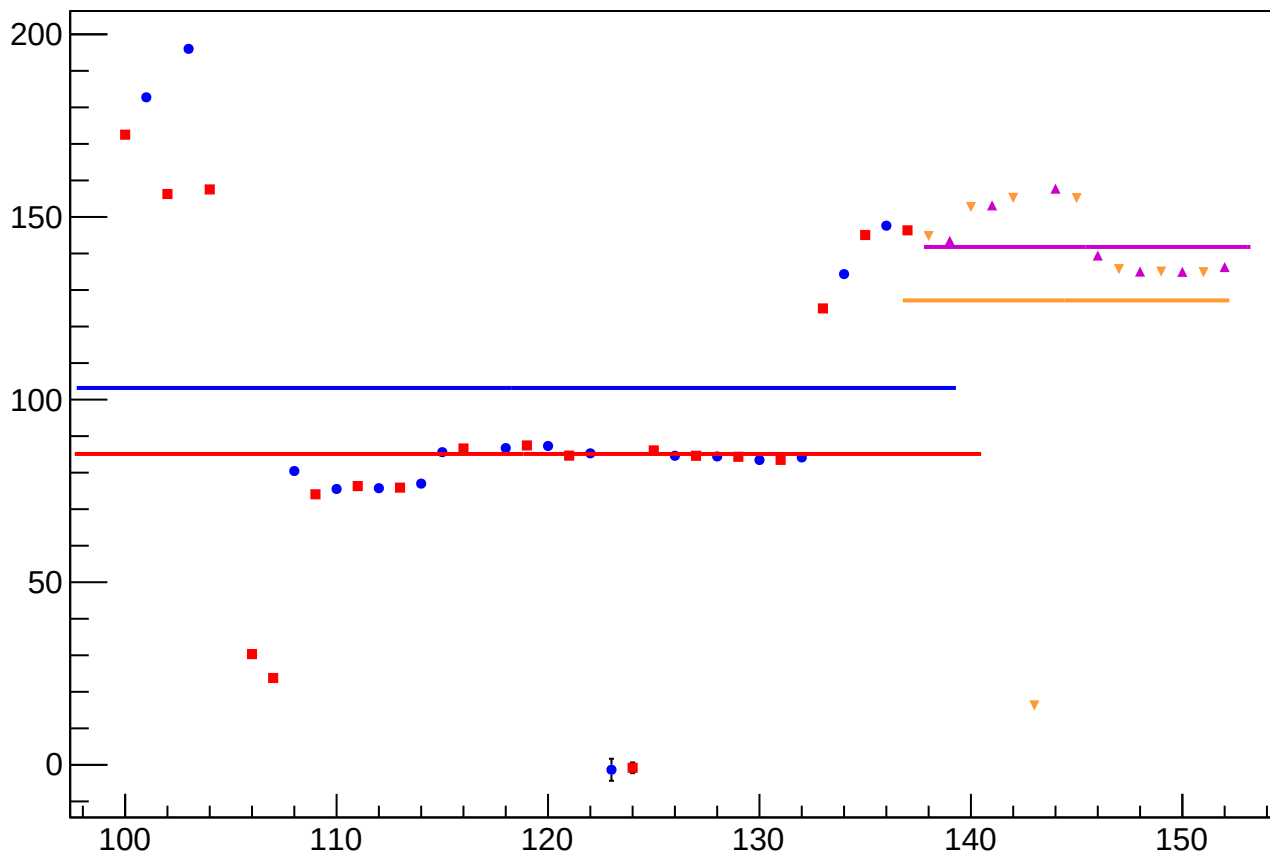
Right: -75.215 ± 0.749 $\chi^2/\text{NDF}: 1277.4/35$

In: -76.123 ± 0.867 $\chi^2/\text{NDF}: 732.2/23$

Out: -70.184 ± 0.843 $\chi^2/\text{NDF}: 1117.2/26$

All: -73.069 ± 0.604 $\chi^2/\text{NDF}: 1873.5/50$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188 ± 0.070 χ^2/NDF : 273587.8/16

Left Out: 127.151 ± 0.074 χ^2/NDF : 337560.2/7

Right Out: 85.121 ± 0.064 χ^2/NDF : 423521.4/18

Left In: 141.789 ± 0.075 χ^2/NDF : 11599.5/6

Left: 134.387 ± 0.053 χ^2/NDF : 368553.9/14

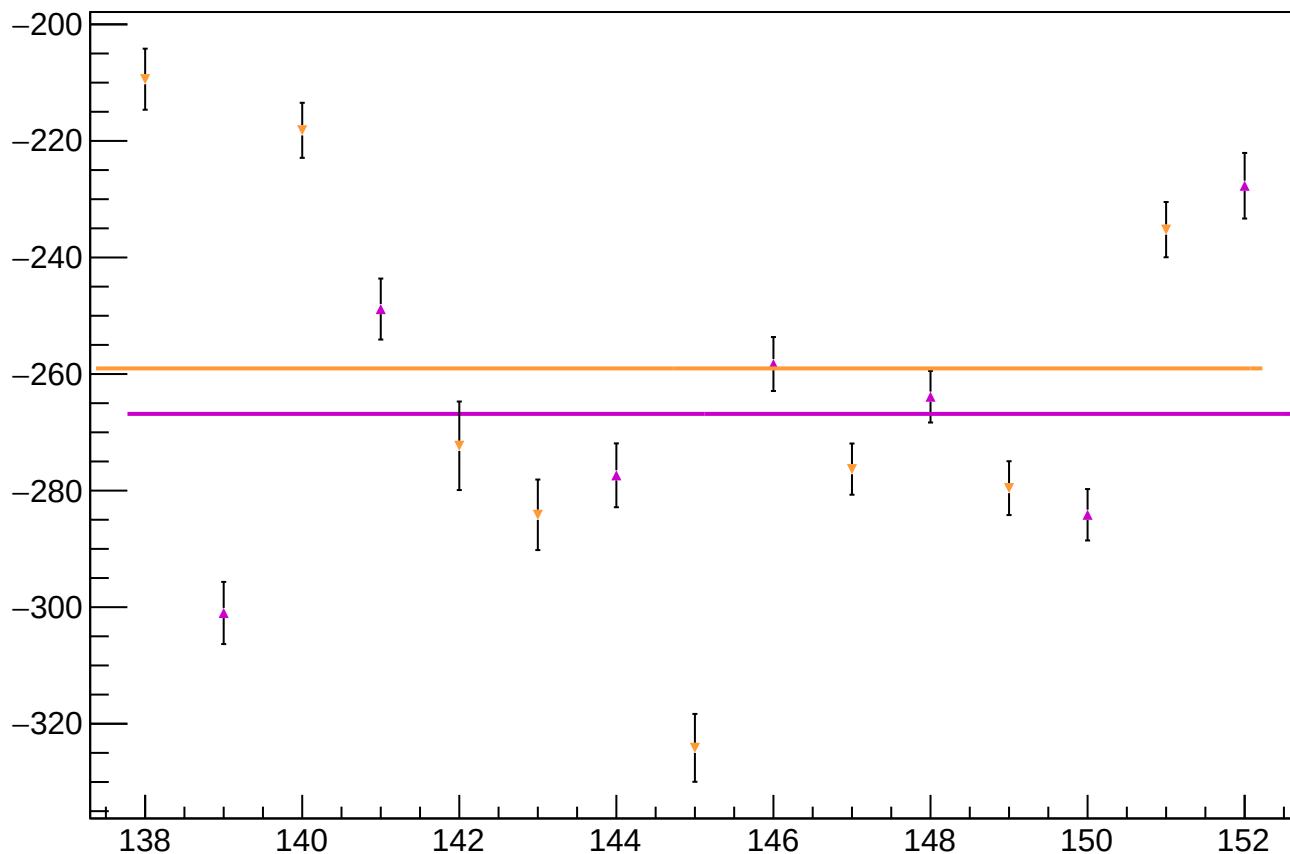
Right: 93.266 ± 0.047 χ^2/NDF : 733347.5/35

In: 121.315 ± 0.051 χ^2/NDF : 426636.6/23

Out: 103.044 ± 0.048 χ^2/NDF : 946581.5/26

All: 111.636 ± 0.035 χ^2/NDF : 1440618.2/50

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: -259.032+/-1.830 χ^2/NDF :370.2/7

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: -262.848+/-1.308 χ^2/NDF : 503.3/14

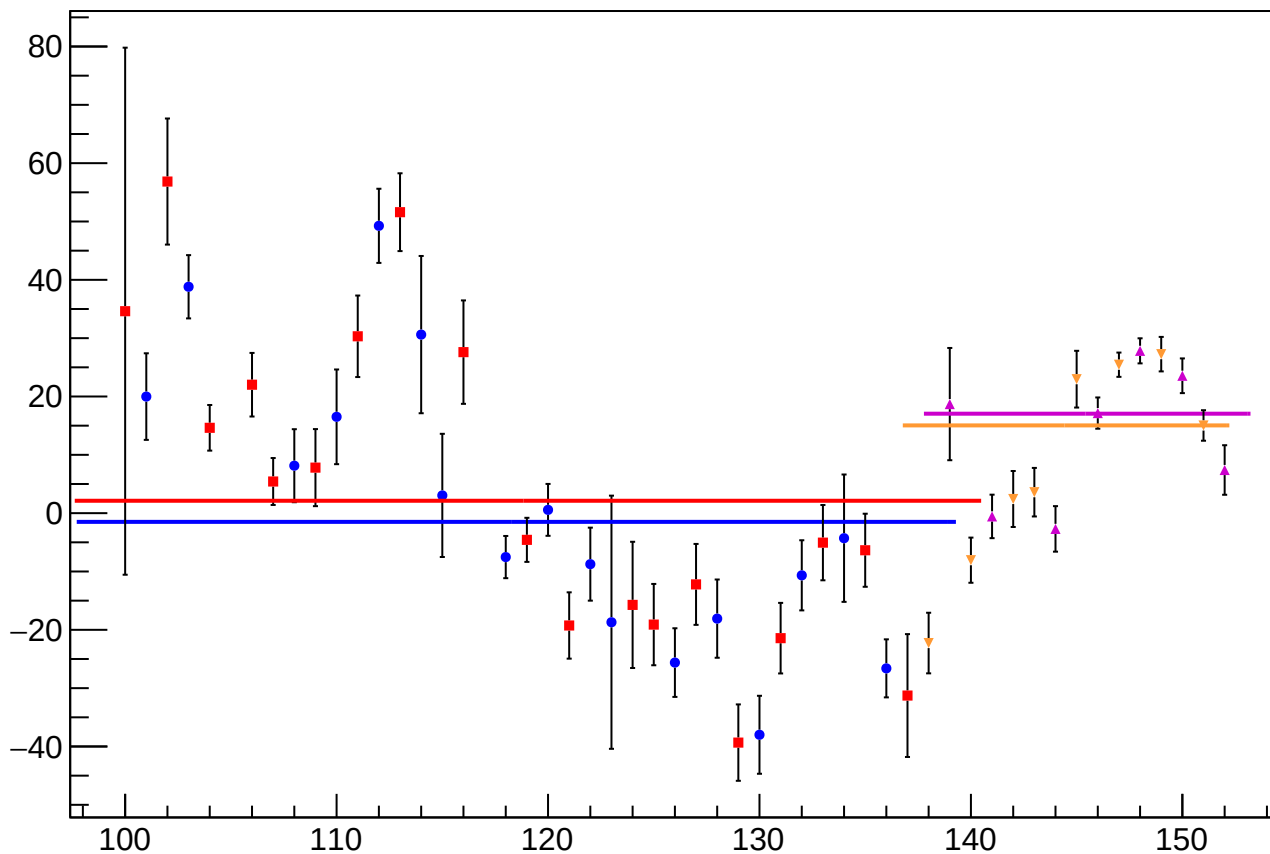
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.838+/-1.871 χ^2/NDF :124.2/6

Out: -259.032+/-1.830 χ^2/NDF :370.2/7

All: -262.848+/-1.308 χ^2/NDF : 503.3/14

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: 15.045 ± 1.163 $\chi^2/\text{NDF}: 146.4/7$

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: 16.001 ± 0.842 $\chi^2/\text{NDF}: 230.9/14$

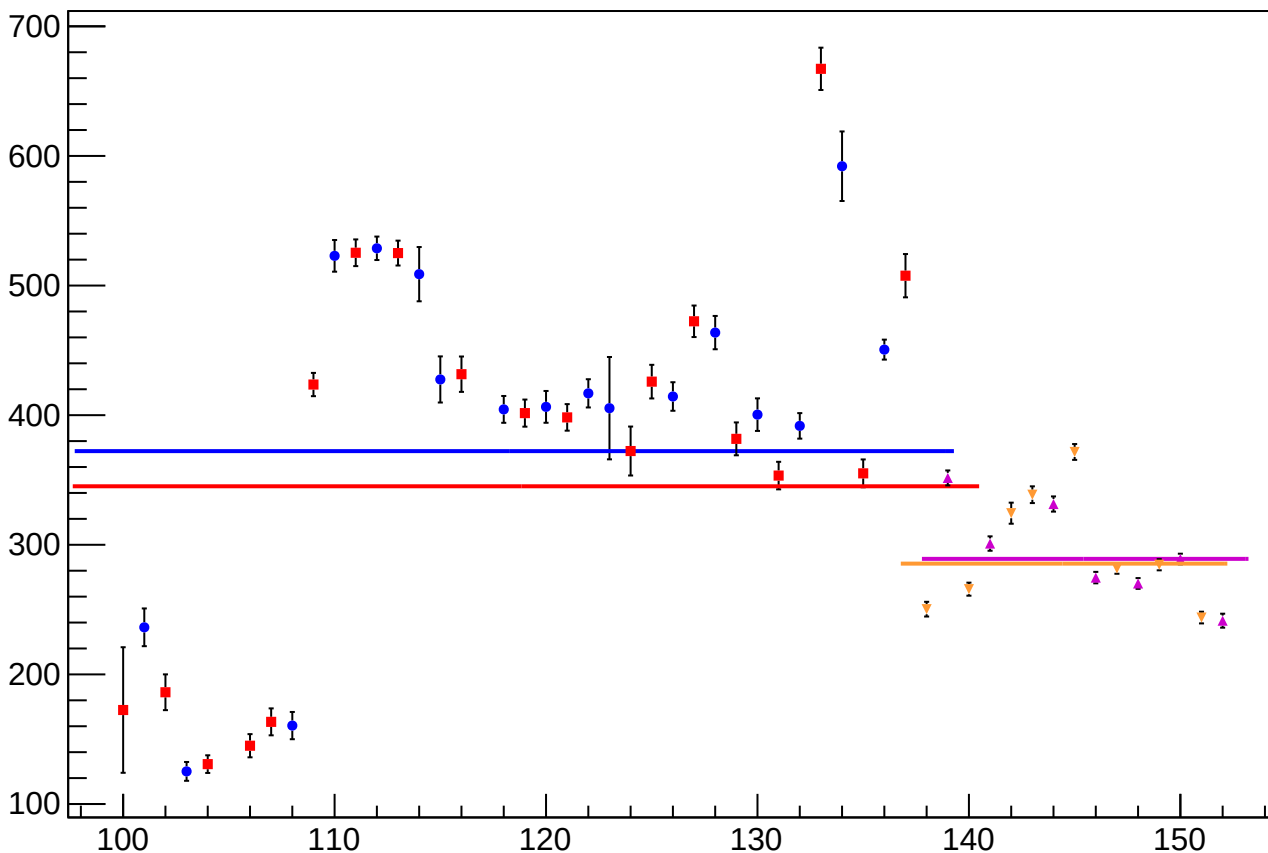
Right: 0.455 ± 1.029 $\chi^2/\text{NDF}: 461.8/35$

In: 9.752 ± 0.949 $\chi^2/\text{NDF}: 400.2/23$

Out: 9.778 ± 0.895 $\chi^2/\text{NDF}: 429.3/26$

All: 9.766 ± 0.651 $\chi^2/\text{NDF}: 829.5/50$

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: 285.465+/-1.830 χ^2/NDF : 428.8/7

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: 287.286+/-1.299 χ^2/NDF : 714.2/14

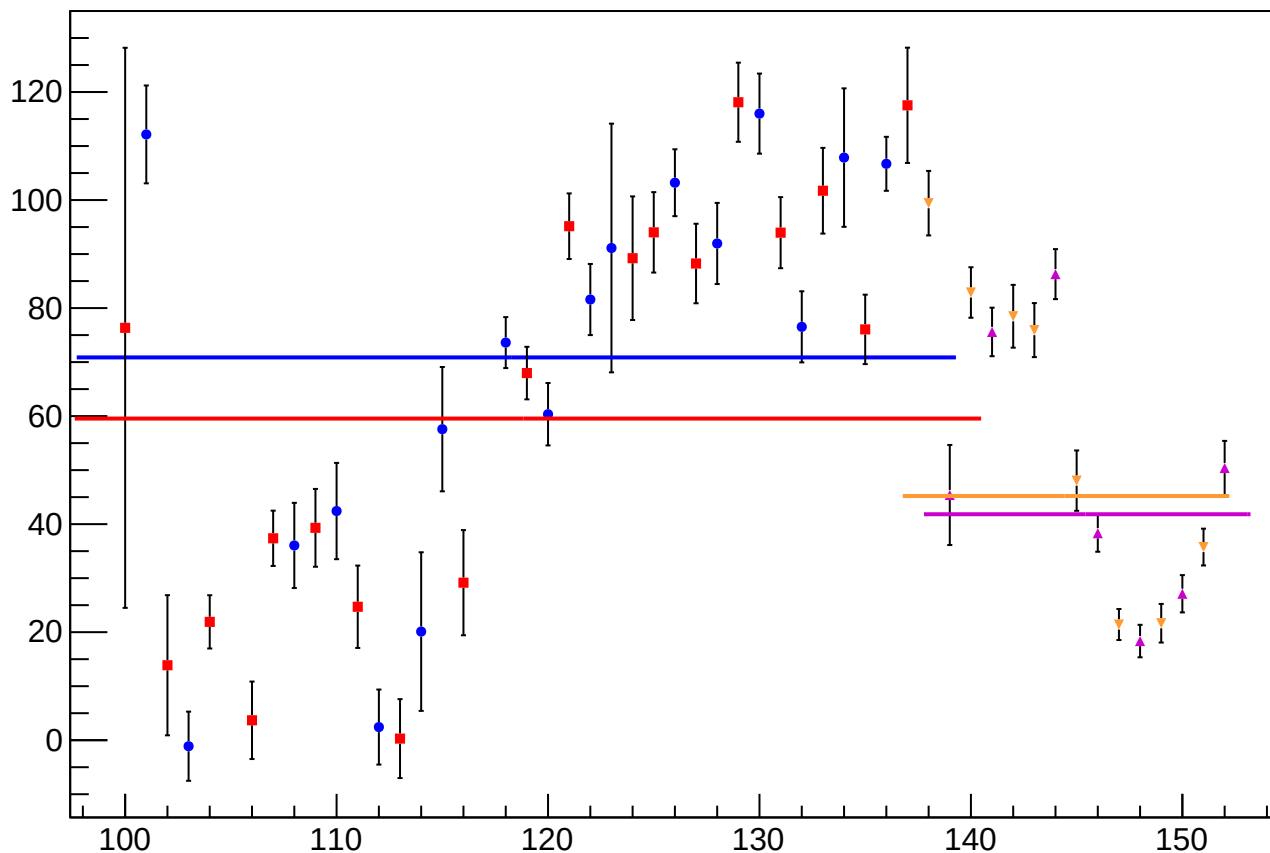
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 314.821+/-1.534 χ^2/NDF : 3343.6/23

Out: 305.628+/-1.489 χ^2/NDF : 4204.4/26

All: 310.090+/-1.069 χ^2/NDF : 7566.5/50

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 45.209 $\pm$ 1.472 χ^2 /NDF:337.9/7

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 41.831 $\pm$ 1.530 χ^2 /NDF:232.0/6

Left: 43.585 $\pm$ 1.061 χ^2 /NDF: 572.5/14

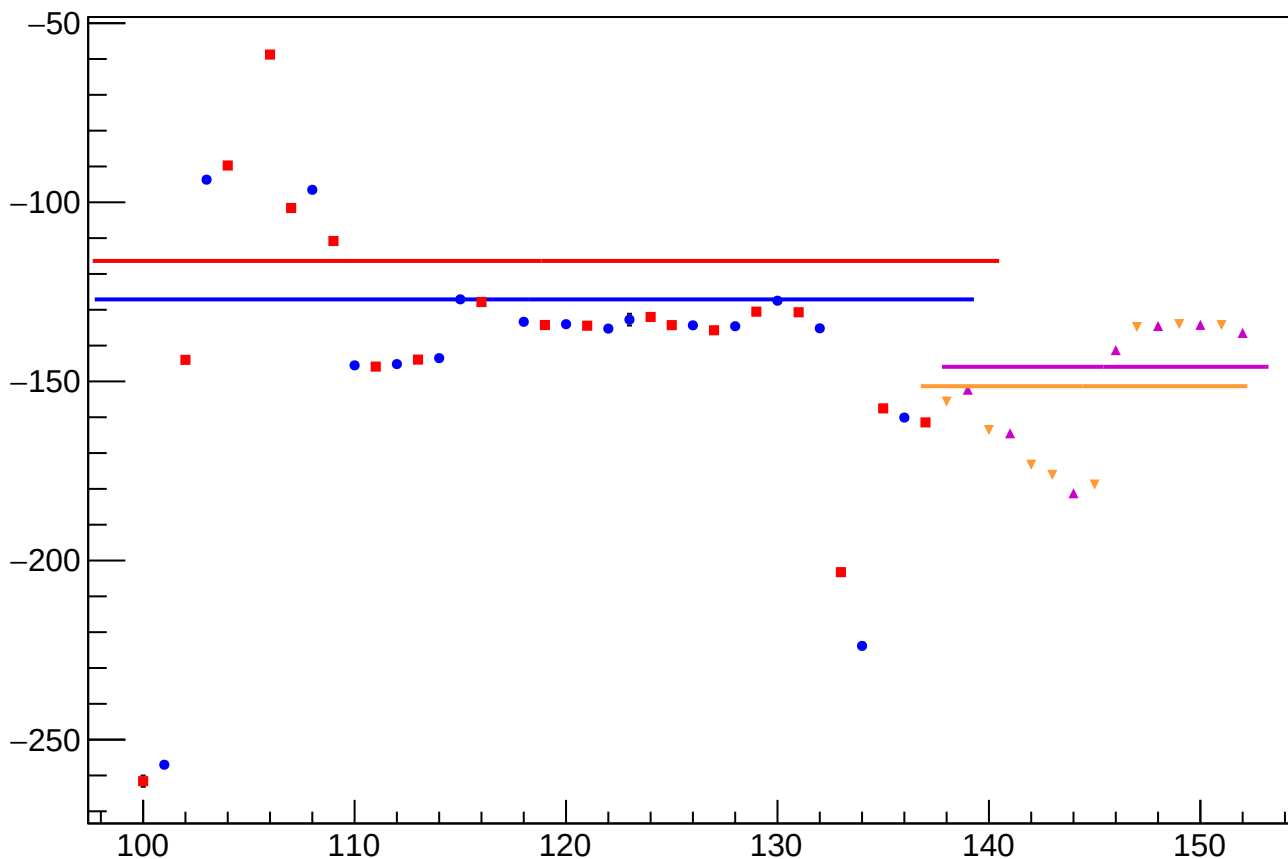
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 54.470 $\pm$ 1.150 χ^2 /NDF:815.7/23

Out: 51.637 $\pm$ 1.094 χ^2 /NDF:871.3/26

All: 52.982 $\pm$ 0.792 χ^2 /NDF: 1690.3/50

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: -151.337+/-0.078 χ^2/NDF : 53429.5/7

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: -148.583+/-0.055 χ^2/NDF : 93611.0/14

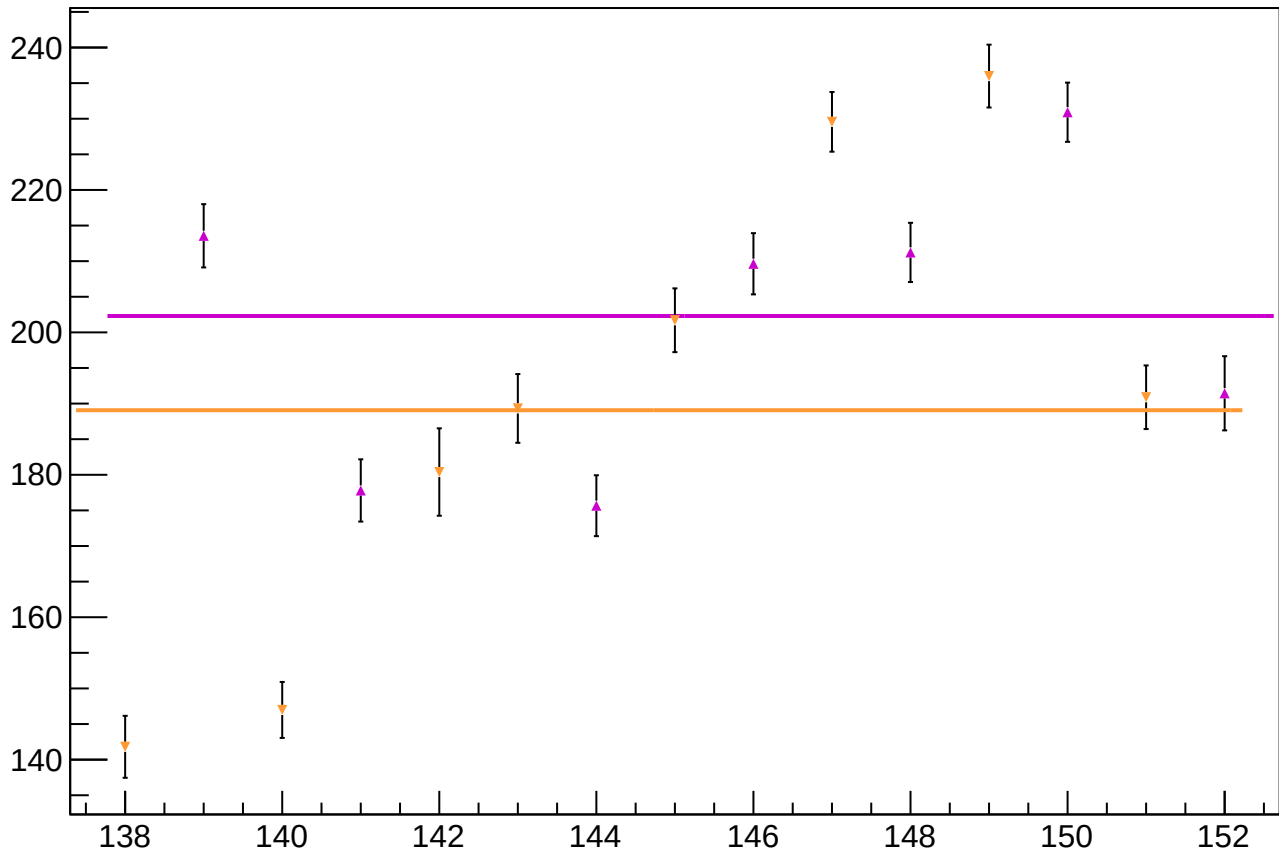
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -137.905+/-0.058 χ^2/NDF : 230217.1/23

Out: -134.849+/-0.057 χ^2/NDF : 315004.8/26

All: -136.339+/-0.041 χ^2/NDF : 546626.0/50

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 189.066+/-1.590 χ^2/NDF :449.3/7

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: 195.413+/-1.147 χ^2/NDF : 618.4/14

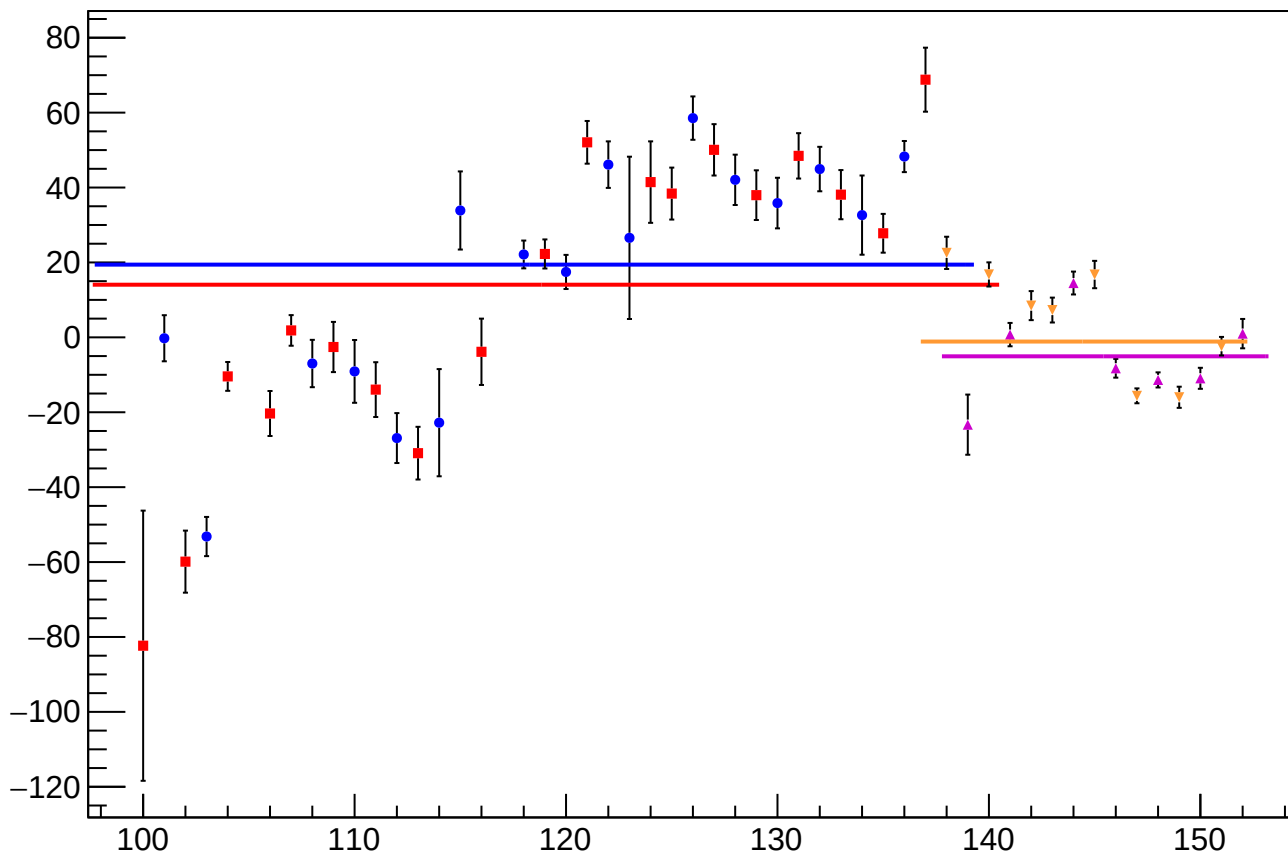
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.300+/-1.657 χ^2/NDF :135.9/6

Out: 189.066+/-1.590 χ^2/NDF :449.3/7

All: 195.413+/-1.147 χ^2/NDF : 618.4/14

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: -1.123 ± 1.040 $\chi^2/\text{NDF}: 179.0/7$

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: -2.980 ± 0.756 $\chi^2/\text{NDF}: 253.6/14$

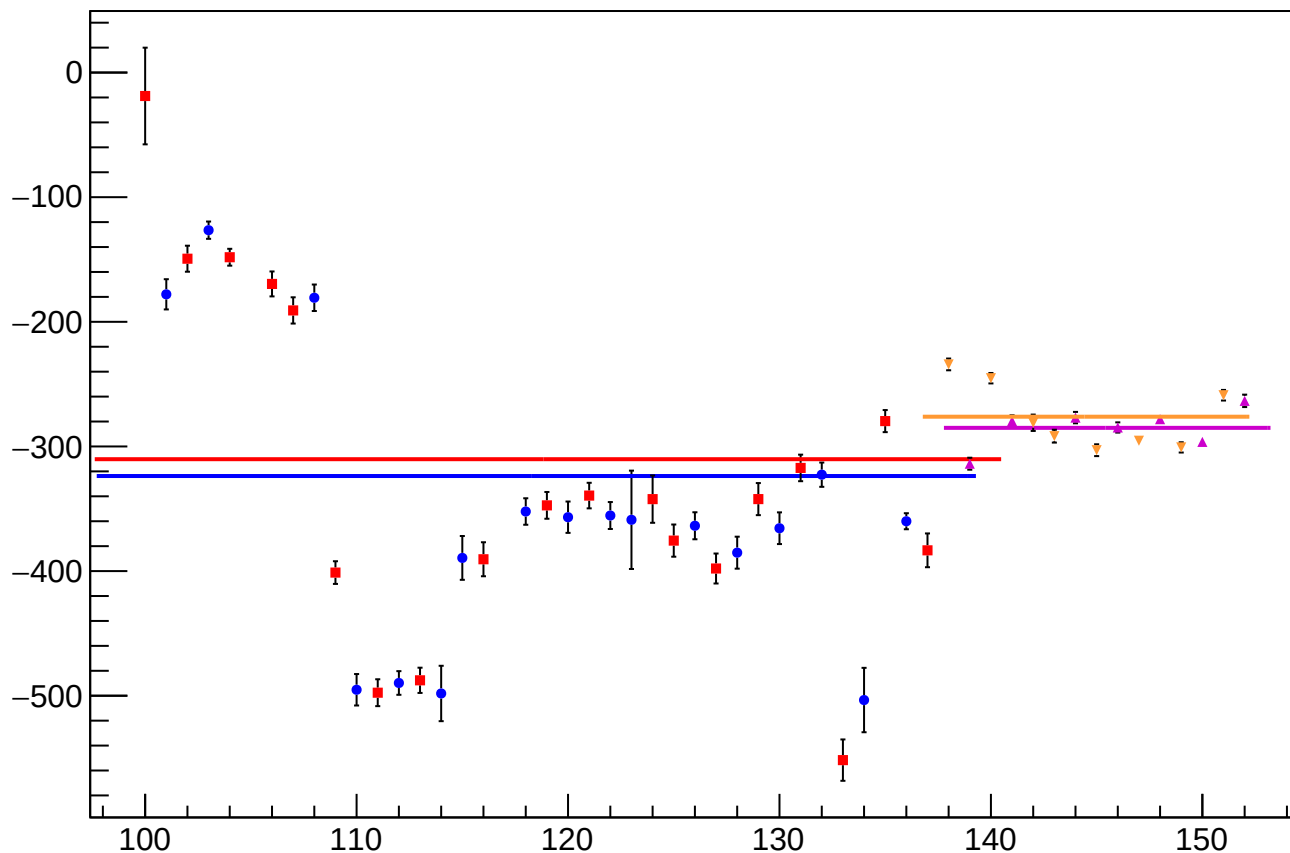
Right: 16.572 ± 1.014 $\chi^2/\text{NDF}: 884.6/35$

In: 3.671 ± 0.884 $\chi^2/\text{NDF}: 684.9/23$

Out: 4.315 ± 0.833 $\chi^2/\text{NDF}: 691.9/26$

All: 4.012 ± 0.606 $\chi^2/\text{NDF}: 1377.1/50$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -276.128 ± 1.608 χ^2/NDF : 251.7/7

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

Left In: -285.073 ± 1.647 χ^2/NDF : 70.8/6

Left: -280.495 ± 1.151 χ^2/NDF : 337.6/14

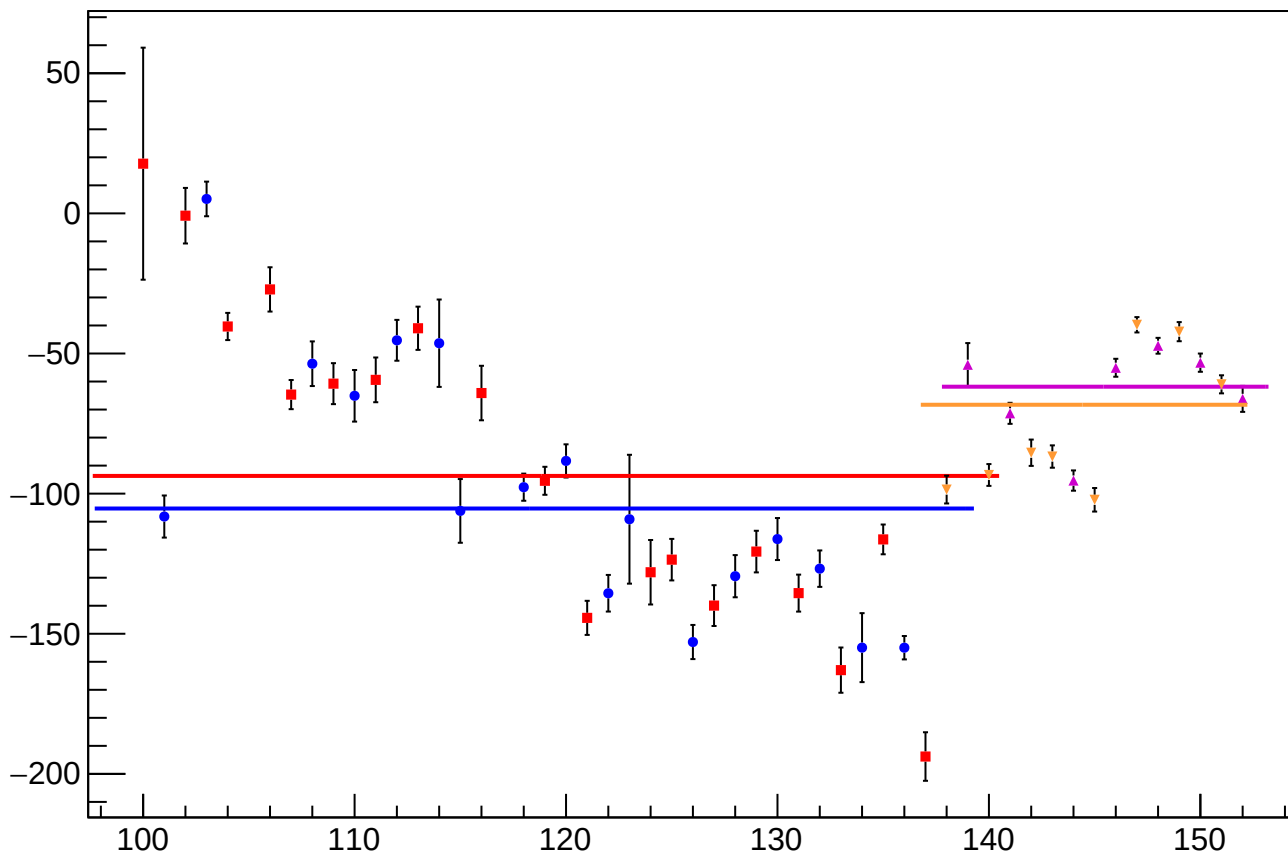
Right: -316.595 ± 1.833 χ^2/NDF : 4164.2/35

In: -295.735 ± 1.401 χ^2/NDF : 2073.5/23

Out: -285.980 ± 1.356 χ^2/NDF : 2681.5/26

All: -290.698 ± 0.975 χ^2/NDF : 4780.0/50

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: -68.286 ± 1.305 χ^2/NDF : 350.8/7

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: -65.236 ± 0.947 χ^2/NDF : 494.5/14

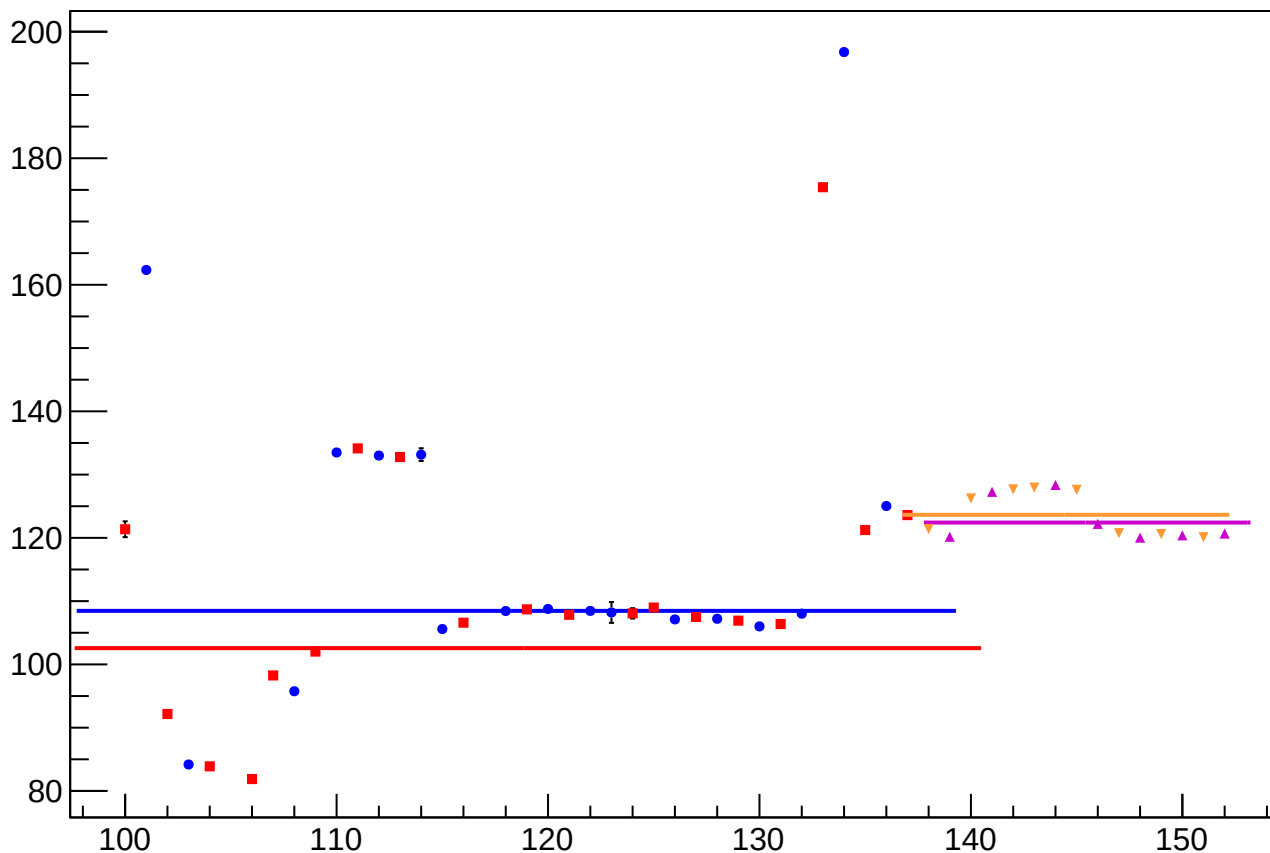
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -79.130 ± 1.068 χ^2/NDF : 1266.4/23

Out: -78.344 ± 1.014 χ^2/NDF : 1327.3/26

All: -78.717 ± 0.735 χ^2/NDF : 2594.0/50

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 123.644 ± 0.068 $\chi^2/\text{NDF}: 2361.4/7$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

Left In: 122.419 ± 0.068 $\chi^2/\text{NDF}: 2159.3/6$

Left: 123.034 ± 0.048 $\chi^2/\text{NDF}: 4681.3/14$

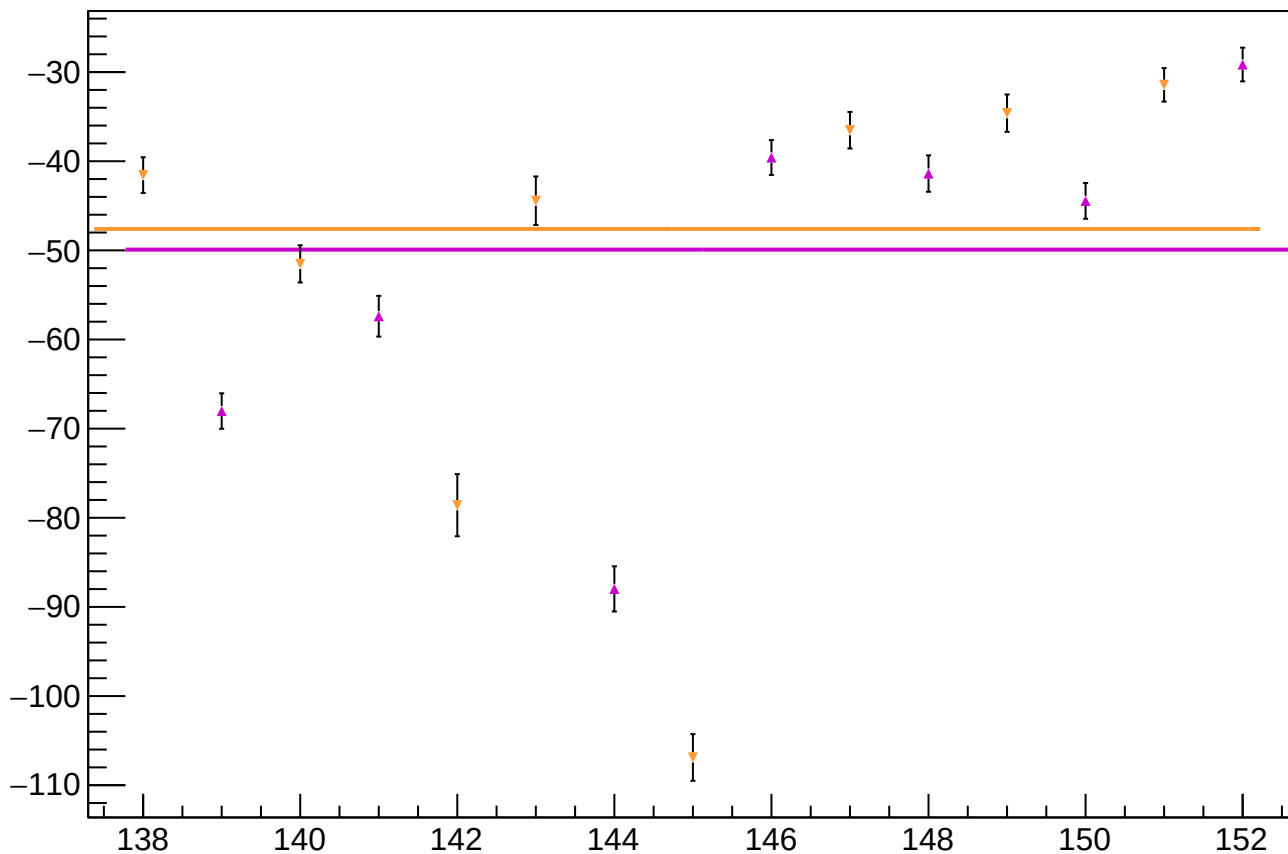
Right: 105.327 ± 0.058 $\chi^2/\text{NDF}: 129018.0/35$

In: 116.904 ± 0.053 $\chi^2/\text{NDF}: 91882.1/23$

Out: 114.700 ± 0.052 $\chi^2/\text{NDF}: 95993.0/26$

All: 115.771 ± 0.037 $\chi^2/\text{NDF}: 188755.6/50$

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: -47.598+/-0.793 χ^2/NDF : 746.9/7

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: -48.771+/-0.557 χ^2/NDF : 1243.6/14

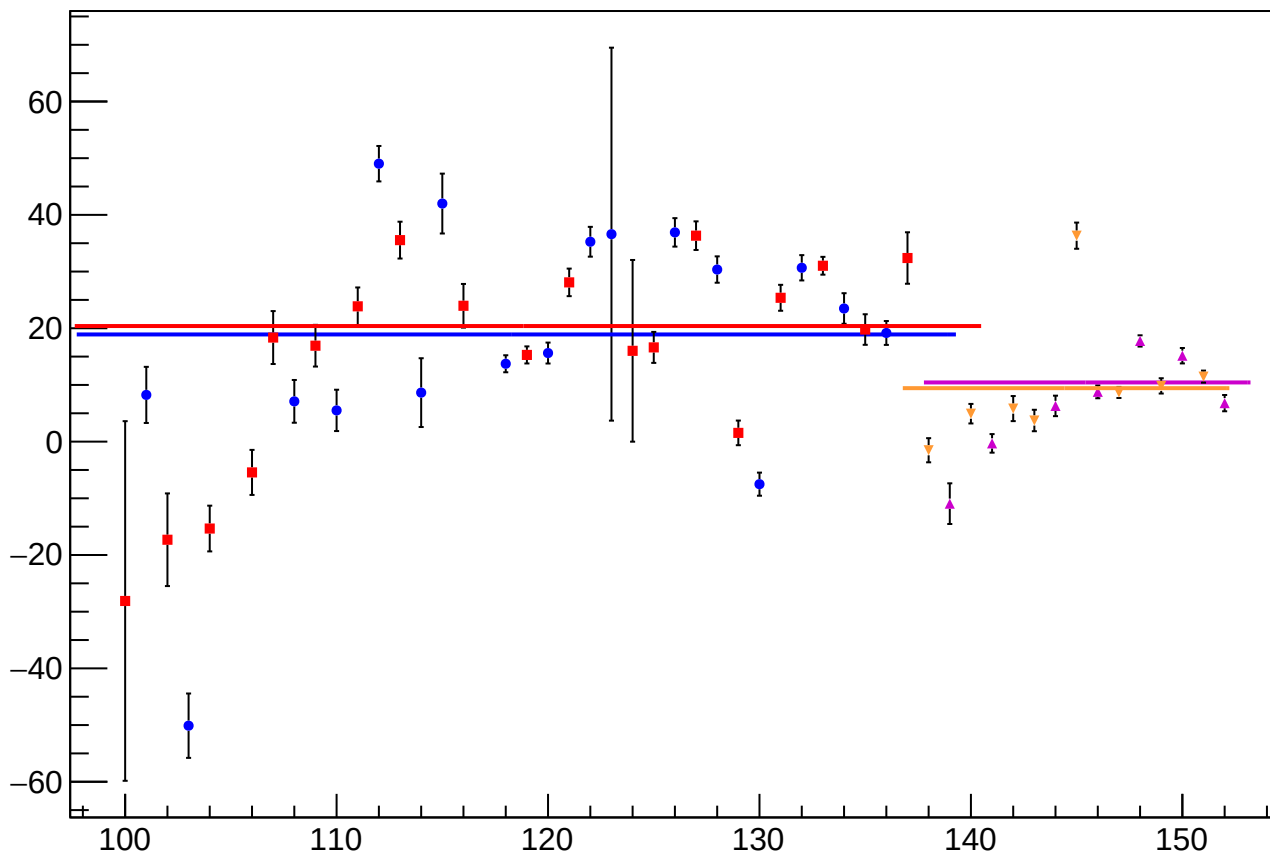
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Out: -47.598+/-0.793 χ^2/NDF : 746.9/7

All: -48.771+/-0.557 χ^2/NDF : 1243.6/14

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: 9.431 $\pm$ 0.519 χ^2 /NDF:184.9/7

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: 9.925 $\pm$ 0.371 χ^2 /NDF: 345.6/14

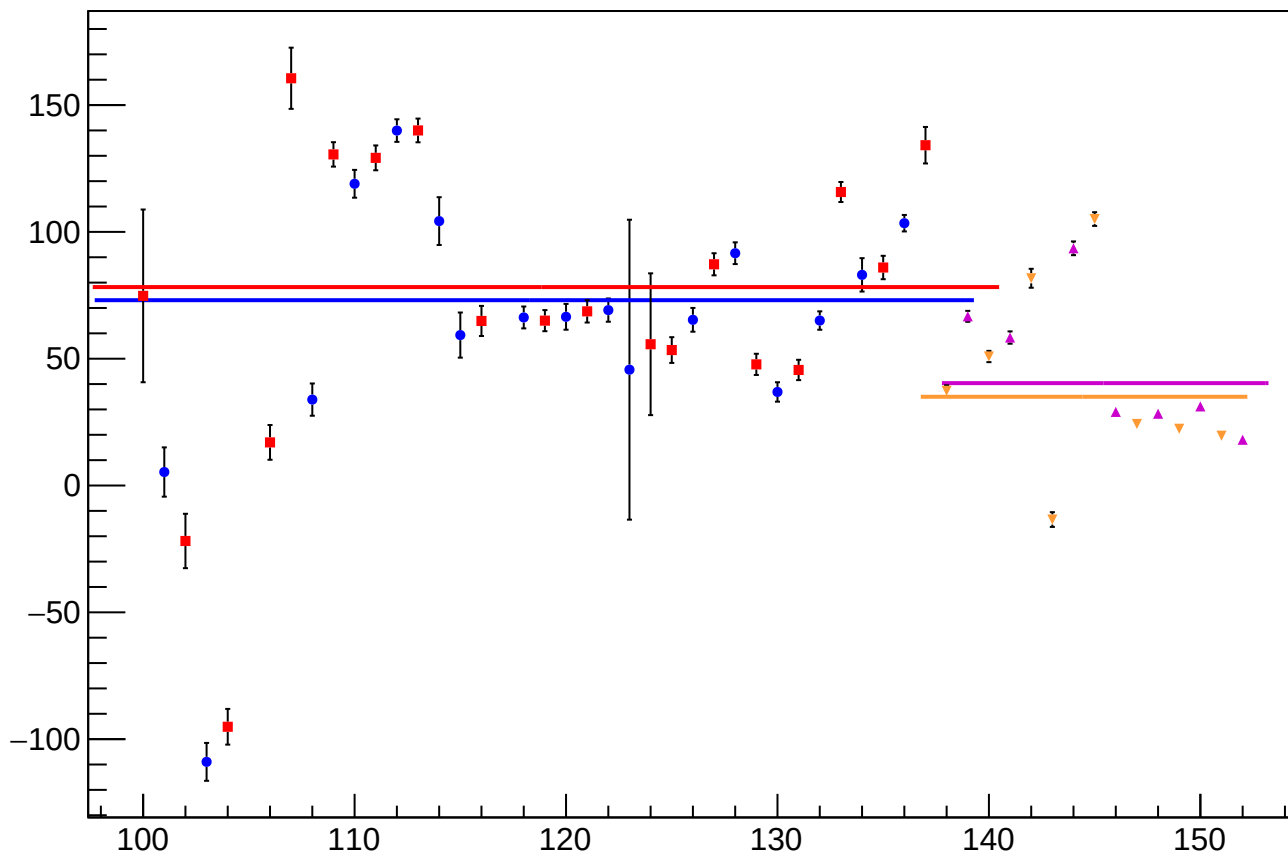
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 13.856 $\pm$ 0.409 χ^2 /NDF:881.1/23

Out: 13.745 $\pm$ 0.404 χ^2 /NDF:725.8/26

All: 13.800 $\pm$ 0.287 χ^2 /NDF: 1606.9/50

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: 34.988 $\pm$ 0.795 χ^2 /NDF:1303.1/7

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: 37.750 $\pm$ 0.555 χ^2 /NDF: 2167.5/14

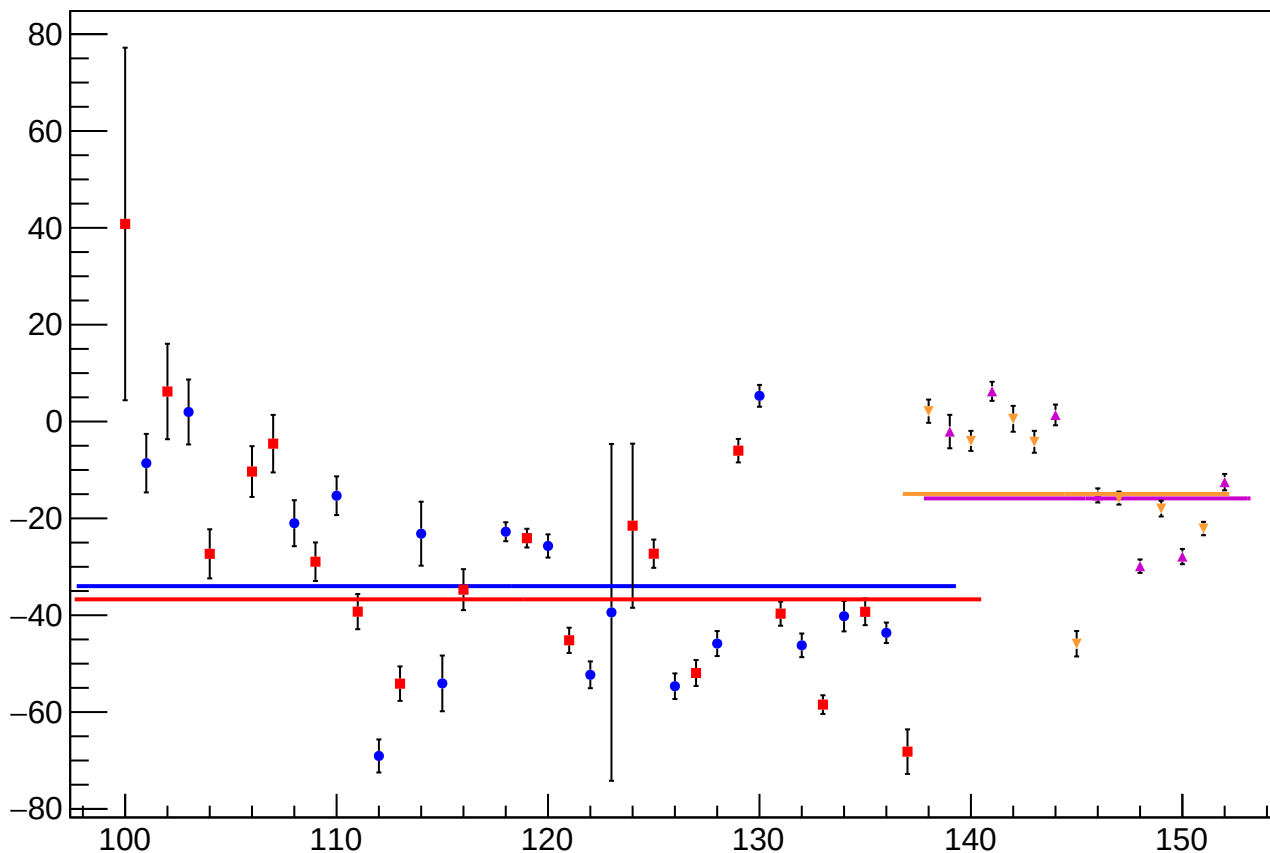
Right: 75.667 $\pm$ 0.866 χ^2 /NDF: 2751.5/35

In: 49.675 $\pm$ 0.655 χ^2 /NDF:2548.3/23

Out: 47.839 $\pm$ 0.666 χ^2 /NDF:3725.6/26

All: 48.773 $\pm$ 0.467 χ^2 /NDF: 6277.7/50

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: -14.954 ± 0.654 χ^2/NDF : 303.7/7

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: -15.410 ± 0.464 χ^2/NDF : 675.8/14

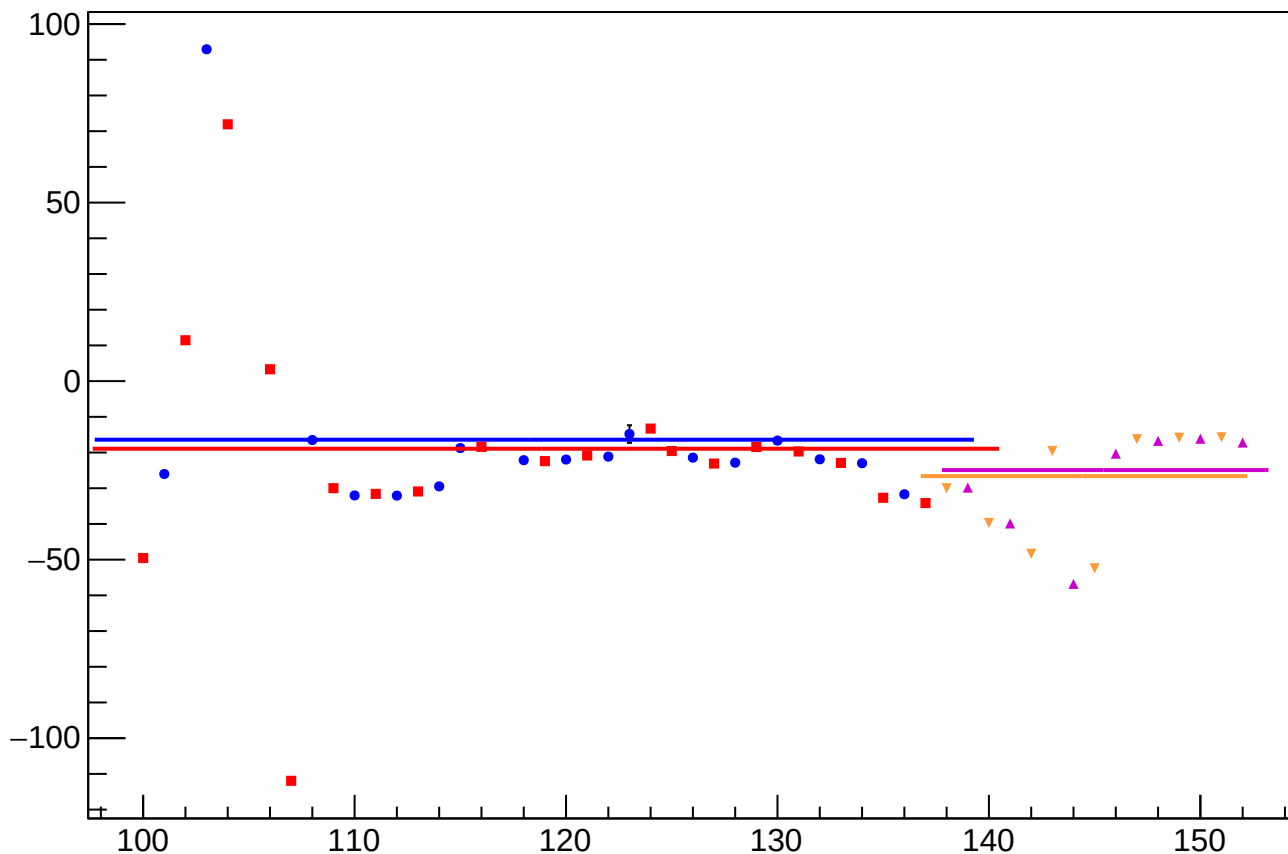
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -23.937 ± 0.491 χ^2/NDF : 1427.0/23

Out: -24.539 ± 0.489 χ^2/NDF : 1334.9/26

All: -24.239 ± 0.347 χ^2/NDF : 2762.7/50

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: -26.614 ± 0.034 $\chi^2/\text{NDF}: 151611.9/7$

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: -25.720 ± 0.023 $\chi^2/\text{NDF}: 288255.6/14$

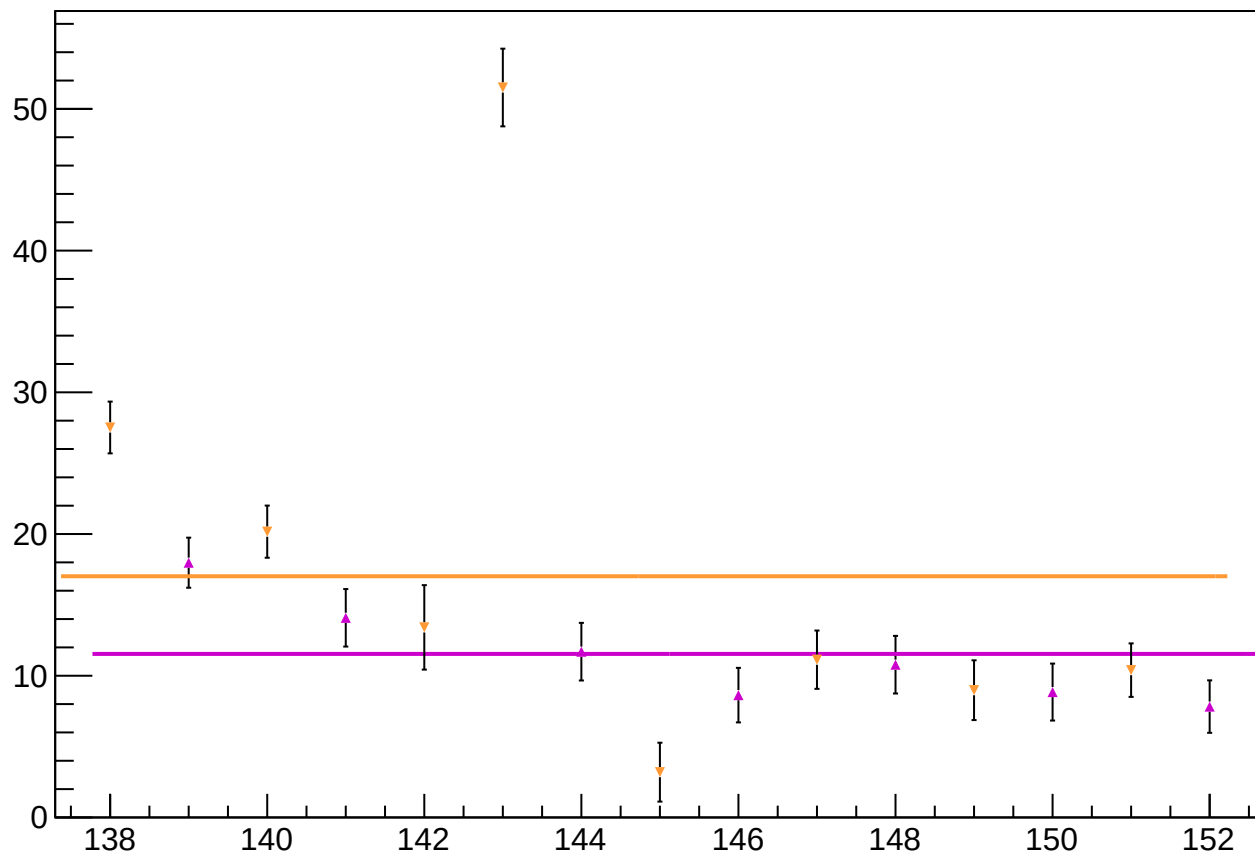
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -22.005 ± 0.026 $\chi^2/\text{NDF}: 633800.4/23$

Out: -23.872 ± 0.027 $\chi^2/\text{NDF}: 604293.0/26$

All: -22.901 ± 0.019 $\chi^2/\text{NDF}: 1240572.7/50$

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: 17.020+/-0.742 χ^2/NDF :275.0/7

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: 14.249+/-0.522 χ^2/NDF : 325.6/14

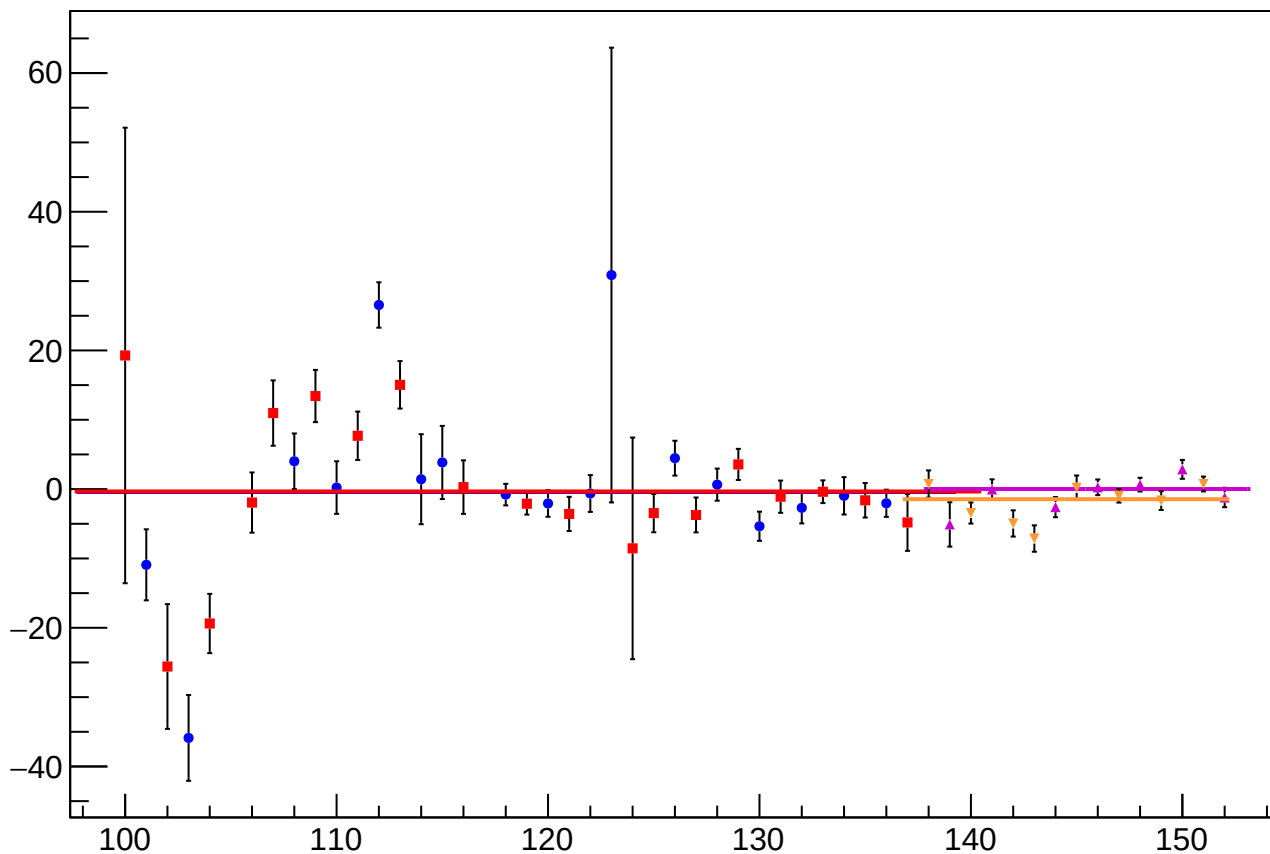
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.540+/-0.734 χ^2/NDF :23.1/6

Out: 17.020+/-0.742 χ^2/NDF :275.0/7

All: 14.249+/-0.522 χ^2/NDF : 325.6/14

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: -1.454 ± 0.499 χ^2/NDF : 20.6/7

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: -0.733 ± 0.355 χ^2/NDF : 36.2/14

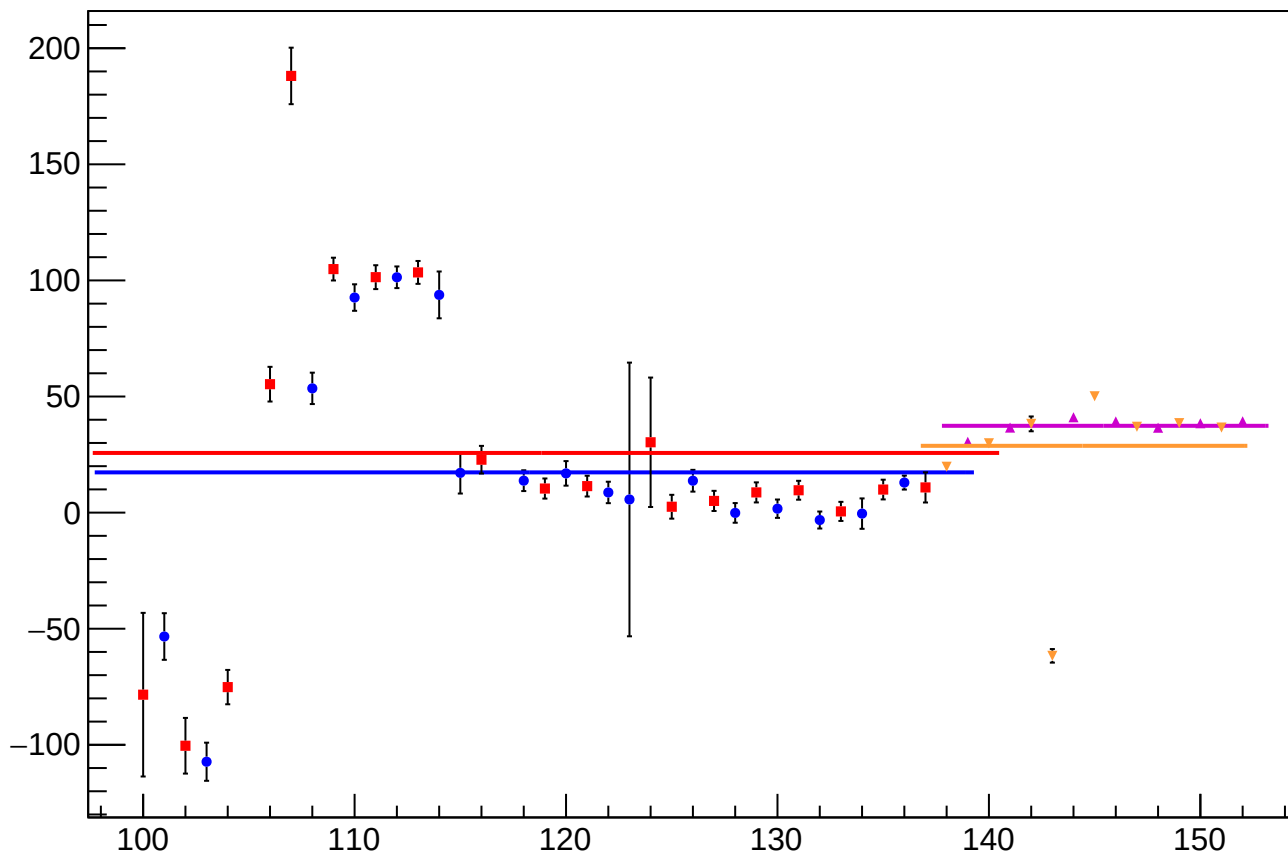
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.148 ± 0.400 χ^2/NDF : 131.5/23

Out: -1.048 ± 0.397 χ^2/NDF : 106.1/26

All: -0.602 ± 0.282 χ^2/NDF : 240.2/50

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 28.769+/-0.751 χ^2/NDF : 1142.7/7

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

Left In: 37.387+/-0.731 χ^2/NDF : 18.7/6

Left: 33.191+/-0.524 χ^2/NDF : 1229.1/14

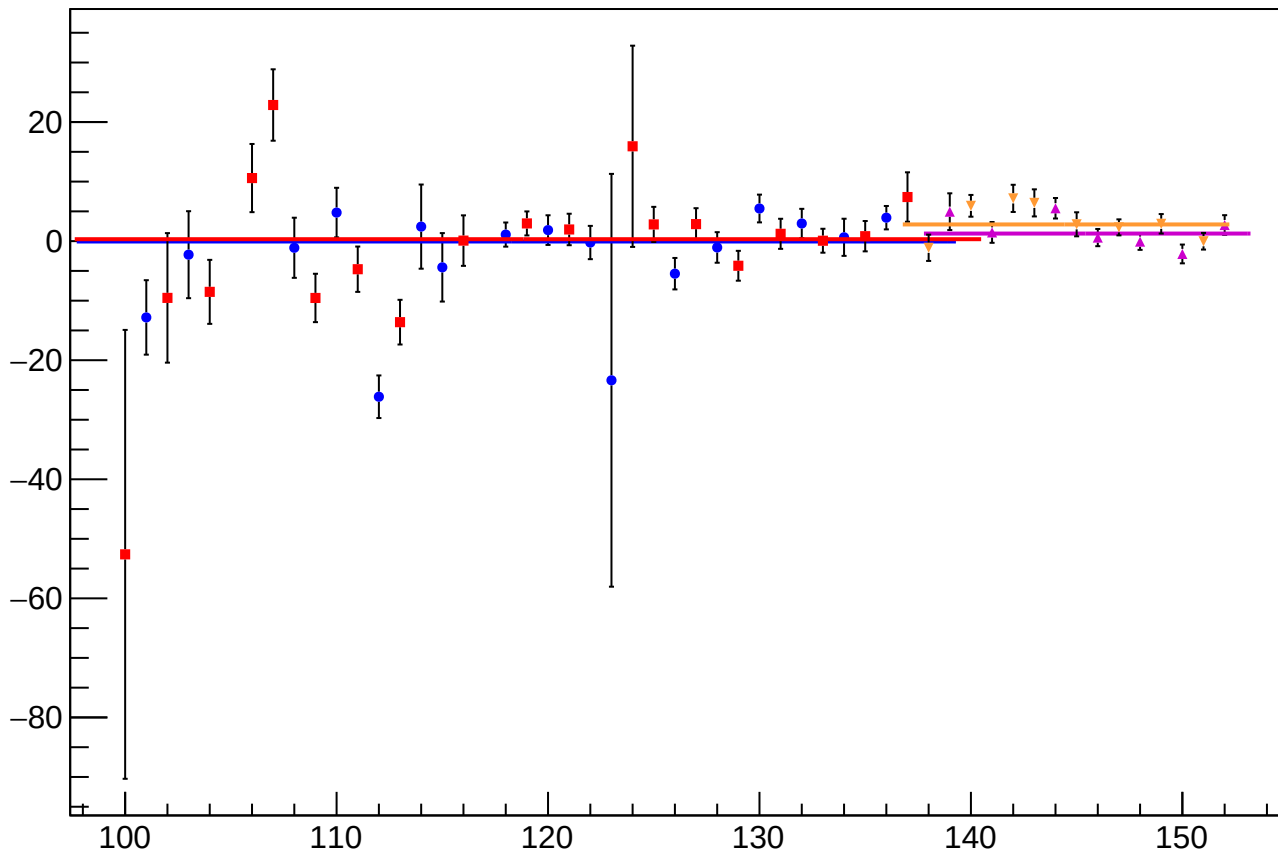
Right: 21.501+/-0.877 χ^2/NDF : 2345.0/35

In: 32.204+/-0.630 χ^2/NDF : 1156.4/23

Out: 27.949+/-0.642 χ^2/NDF : 2526.2/26

All: 30.120+/-0.450 χ^2/NDF : 3705.0/50

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: 2.804 ± 0.623 χ^2/NDF : 16.5/7

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: 2.043 ± 0.442 χ^2/NDF : 33.7/14

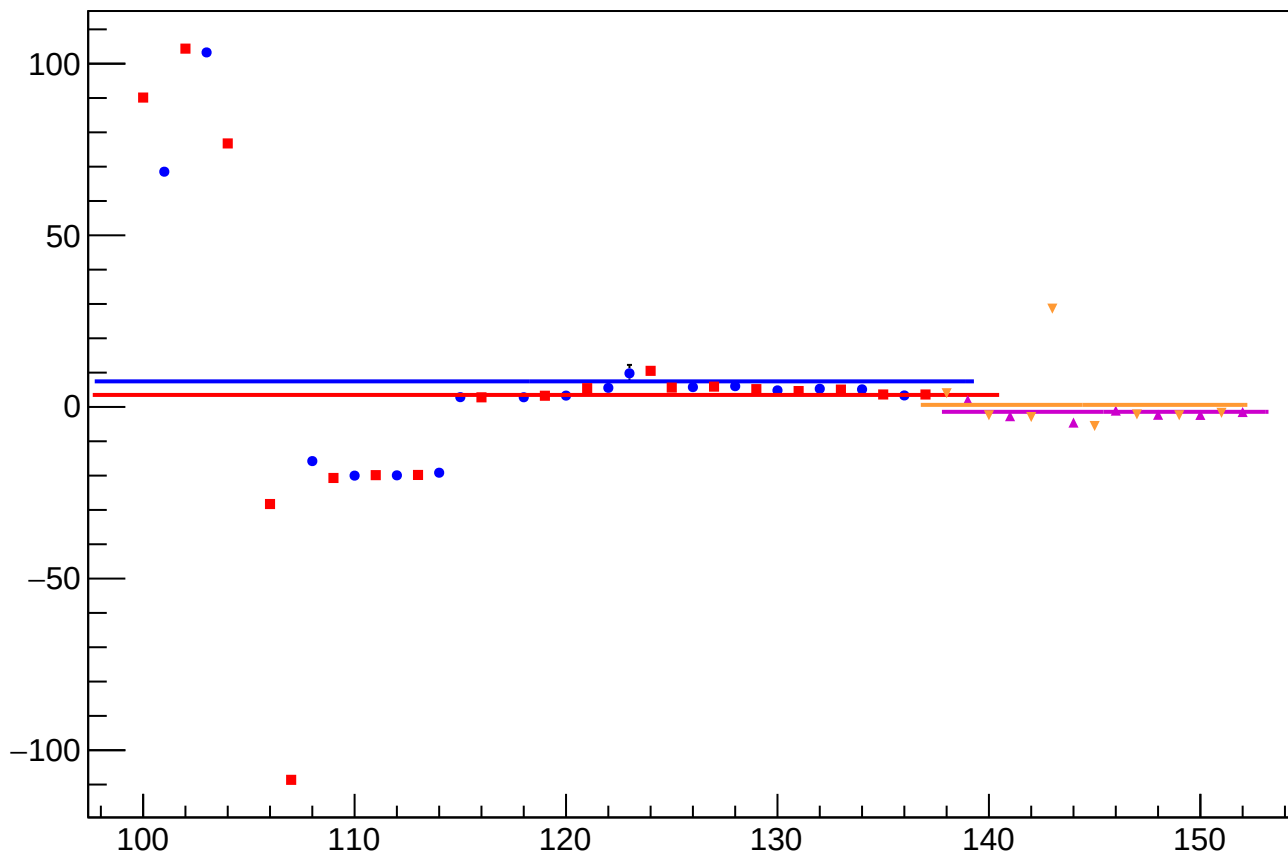
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 0.718 ± 0.480 χ^2/NDF : 92.6/23

Out: 1.790 ± 0.479 χ^2/NDF : 78.1/26

All: 1.255 ± 0.339 χ^2/NDF : 173.2/50

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: 0.606+/-0.032 χ^2/NDF : 69550.8/7

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: -0.455+/-0.022 χ^2/NDF : 75835.8/14

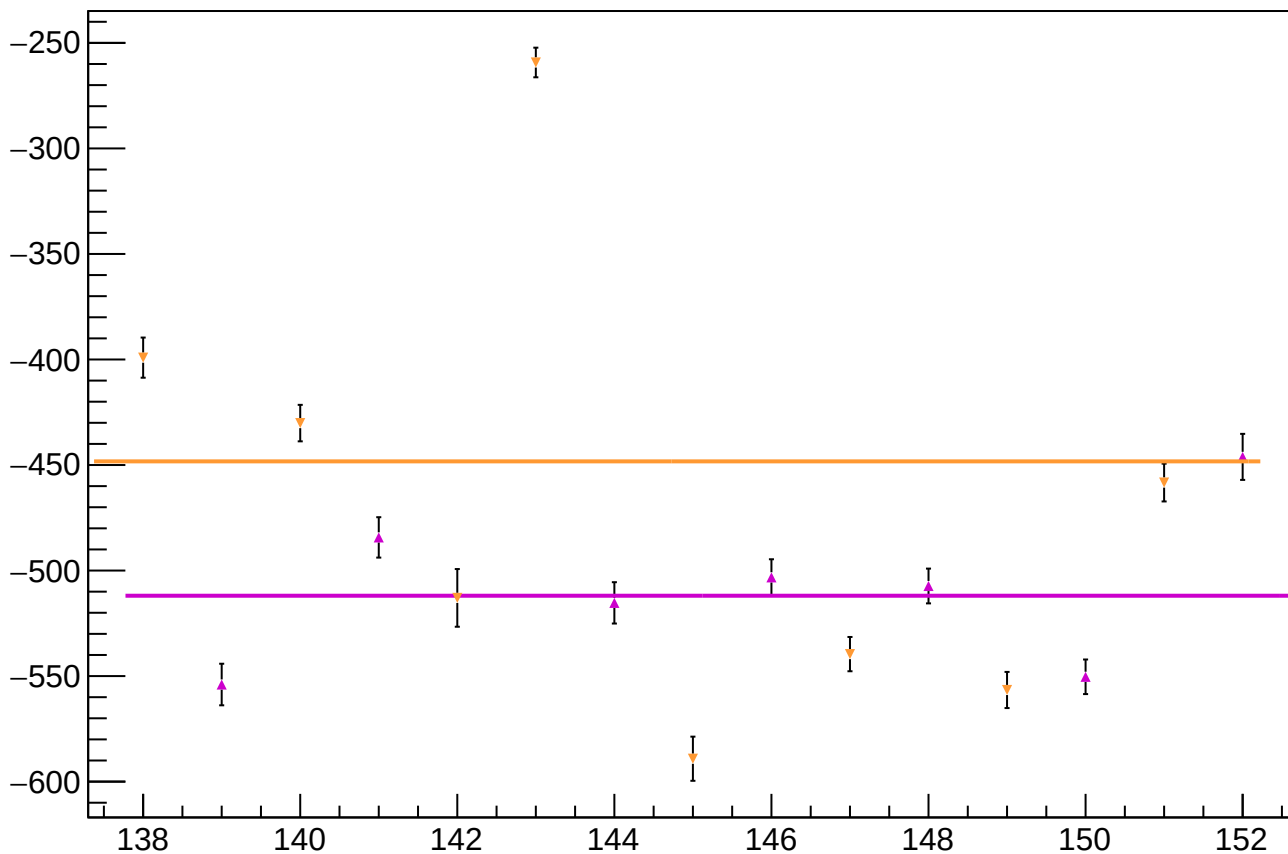
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 1.376+/-0.025 χ^2/NDF : 387518.9/23

Out: 1.547+/-0.026 χ^2/NDF : 582859.6/26

All: 1.458+/-0.018 χ^2/NDF : 970401.1/50

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -448.269+/-3.154 χ^2/NDF :1247.9/7

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: -477.113+/-2.332 χ^2/NDF : 1518.9/14

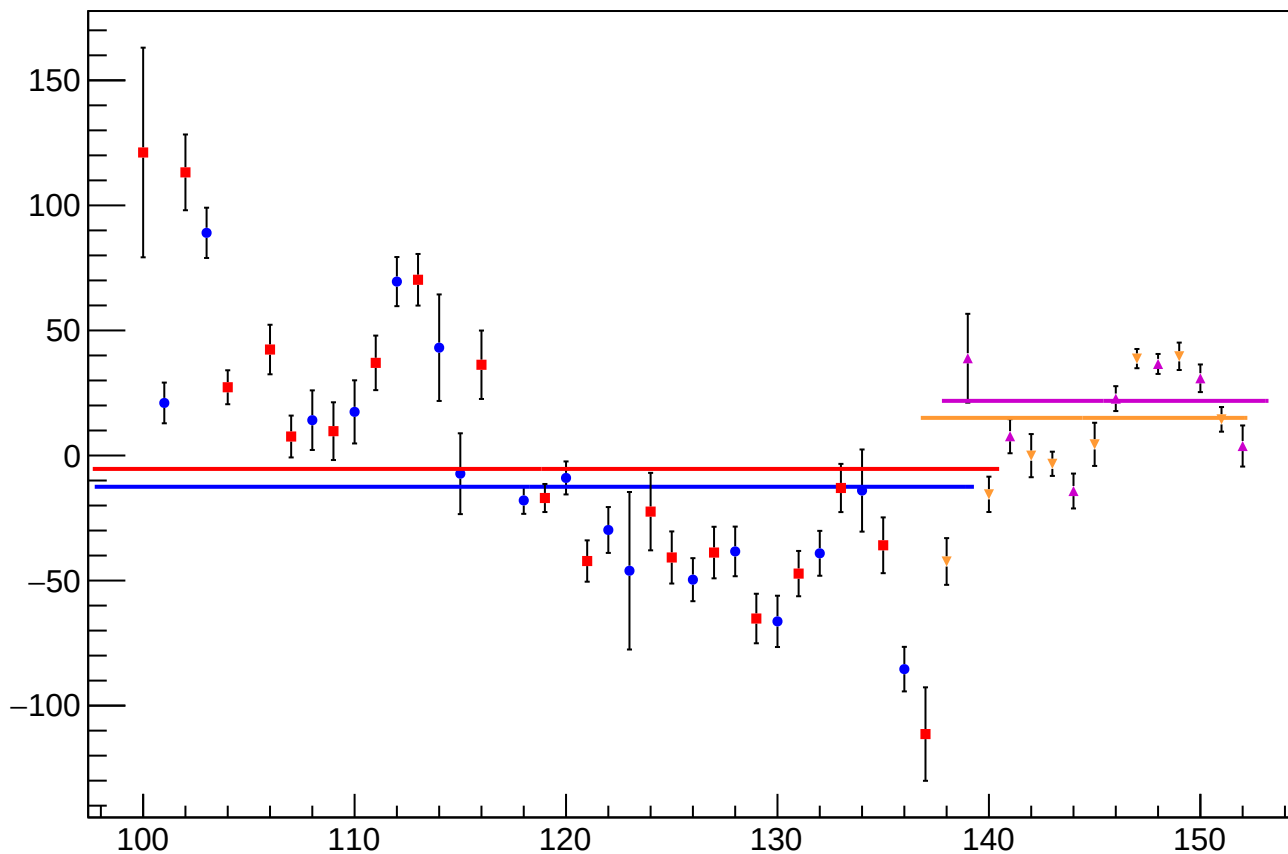
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.928+/-3.465 χ^2/NDF :86.4/6

Out: -448.269+/-3.154 χ^2/NDF :1247.9/7

All: -477.113+/-2.332 χ^2/NDF : 1518.9/14

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 $\pm$ 2.311 χ^2/NDF : 341.1/16

Left Out: 15.045 $\pm$ 2.028 χ^2/NDF :133.6/7

Right Out: -5.363 $\pm$ 2.264 χ^2/NDF : 344.6/18

Left In: 21.849 $\pm$ 2.259 χ^2/NDF :53.1/6

Left: 18.082 $\pm$ 1.509 χ^2/NDF : 191.8/14

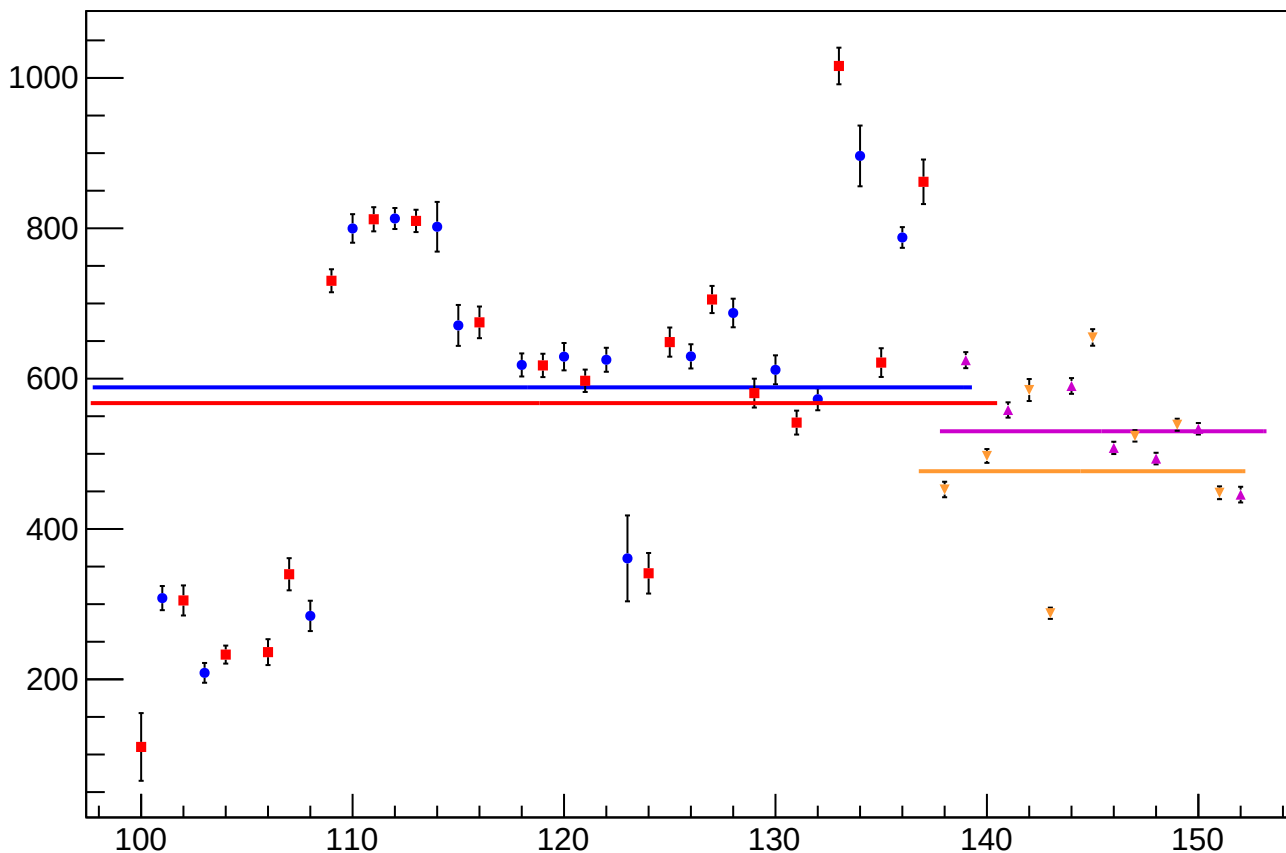
Right: -8.858 $\pm$ 1.617 χ^2/NDF : 690.5/35

In: 5.069 $\pm$ 1.615 χ^2/NDF :507.2/23

Out: 5.961 $\pm$ 1.511 χ^2/NDF :523.3/26

All: 5.545 $\pm$ 1.103 χ^2/NDF : 1030.7/50

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 476.862+/-3.183 χ^2/NDF :1071.4/7

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 529.998+/-3.421 χ^2/NDF :214.2/6

Left: 501.515+/-2.330 χ^2/NDF : 1415.0/14

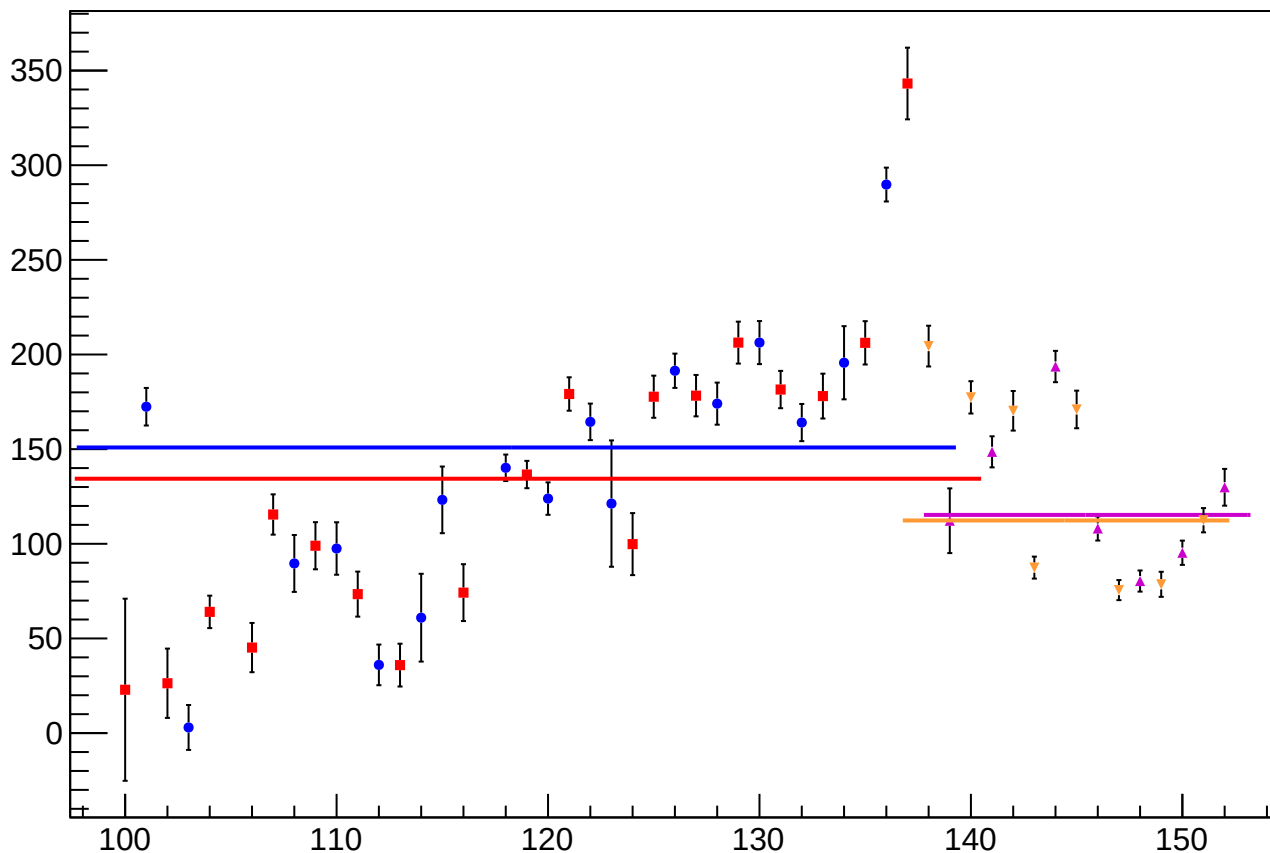
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 552.514+/-2.682 χ^2/NDF :2456.8/23

Out: 510.549+/-2.523 χ^2/NDF :4157.4/26

All: 530.247+/-1.838 χ^2/NDF : 6744.2/50

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: 112.329 $\pm$ 2.549 χ^2 /NDF:289.2/7

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: 113.641 $\pm$ 1.895 χ^2 /NDF: 448.4/14

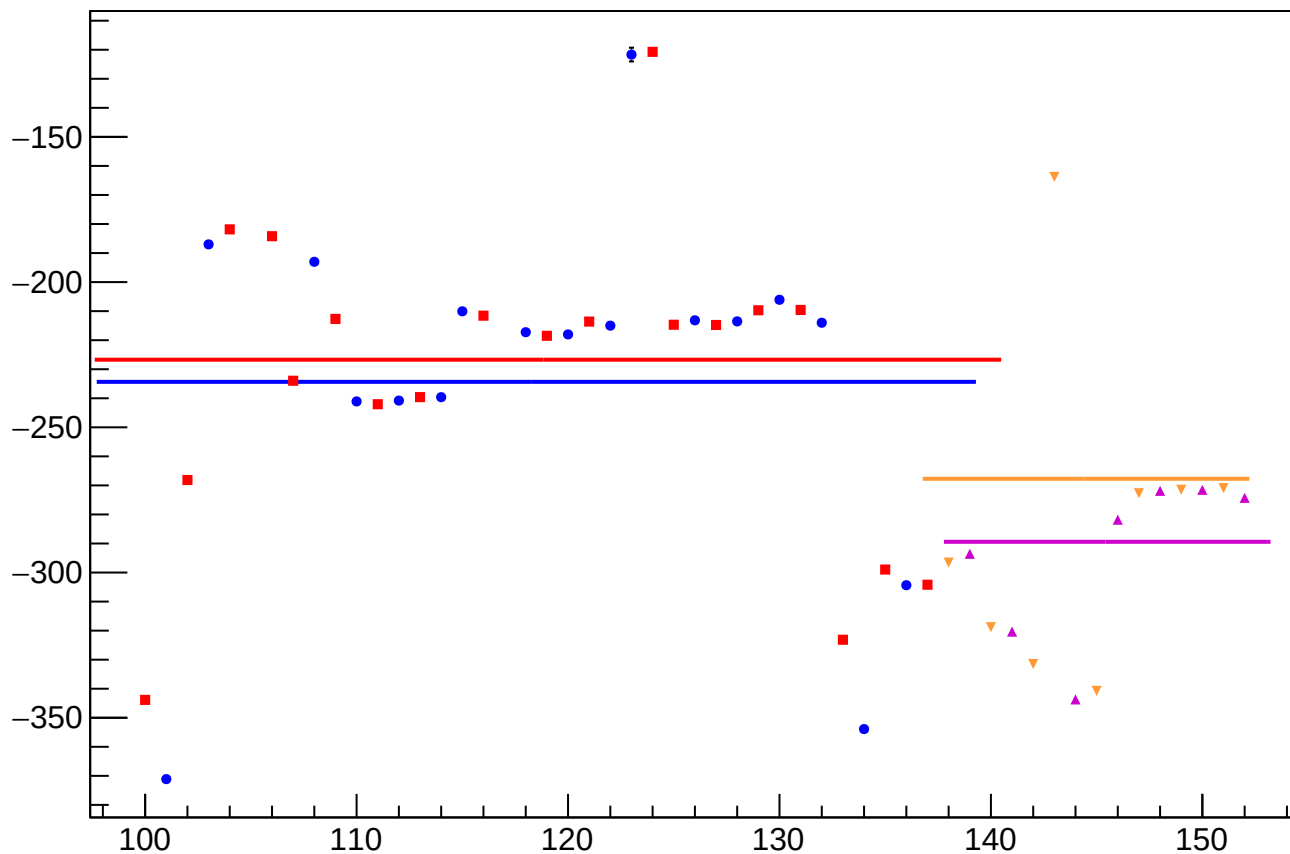
Right: 142.467 $\pm$ 1.871 χ^2 /NDF: 1239.2/35

In: 134.110 $\pm$ 1.945 χ^2 /NDF:877.1/23

Out: 123.053 $\pm$ 1.827 χ^2 /NDF:910.5/26

All: 128.237 $\pm$ 1.332 χ^2 /NDF: 1804.7/50

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: -267.718+/-0.135 χ^2/NDF : 180930.1/7

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: -277.962+/-0.098 χ^2/NDF : 220457.9/14

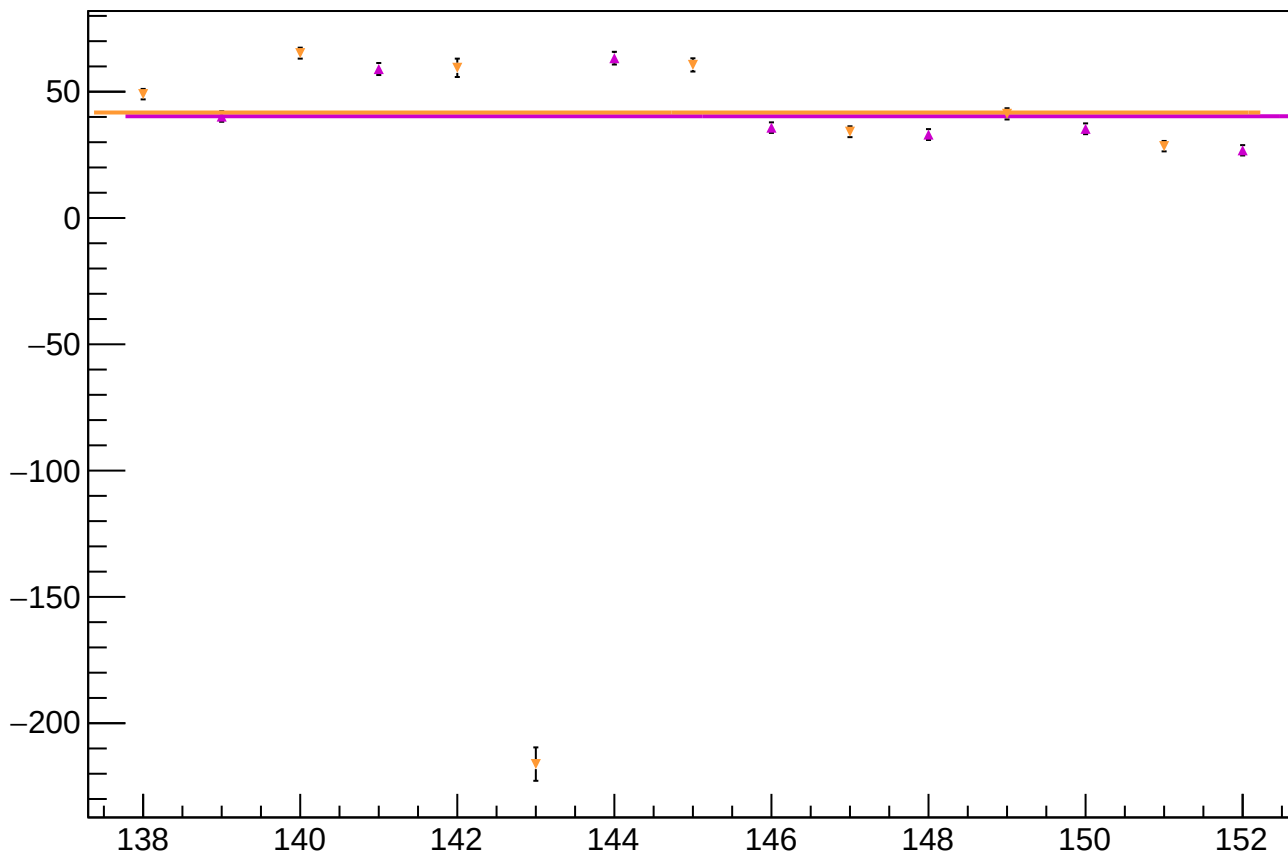
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -262.905+/-0.103 χ^2/NDF : 244042.4/23

Out: -248.138+/-0.098 χ^2/NDF : 324346.2/26

All: -255.136+/-0.071 χ^2/NDF : 579223.9/50

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: 41.761+/-0.862 χ^2/NDF :1780.9/7

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: 40.987+/-0.596 χ^2/NDF : 1992.6/14

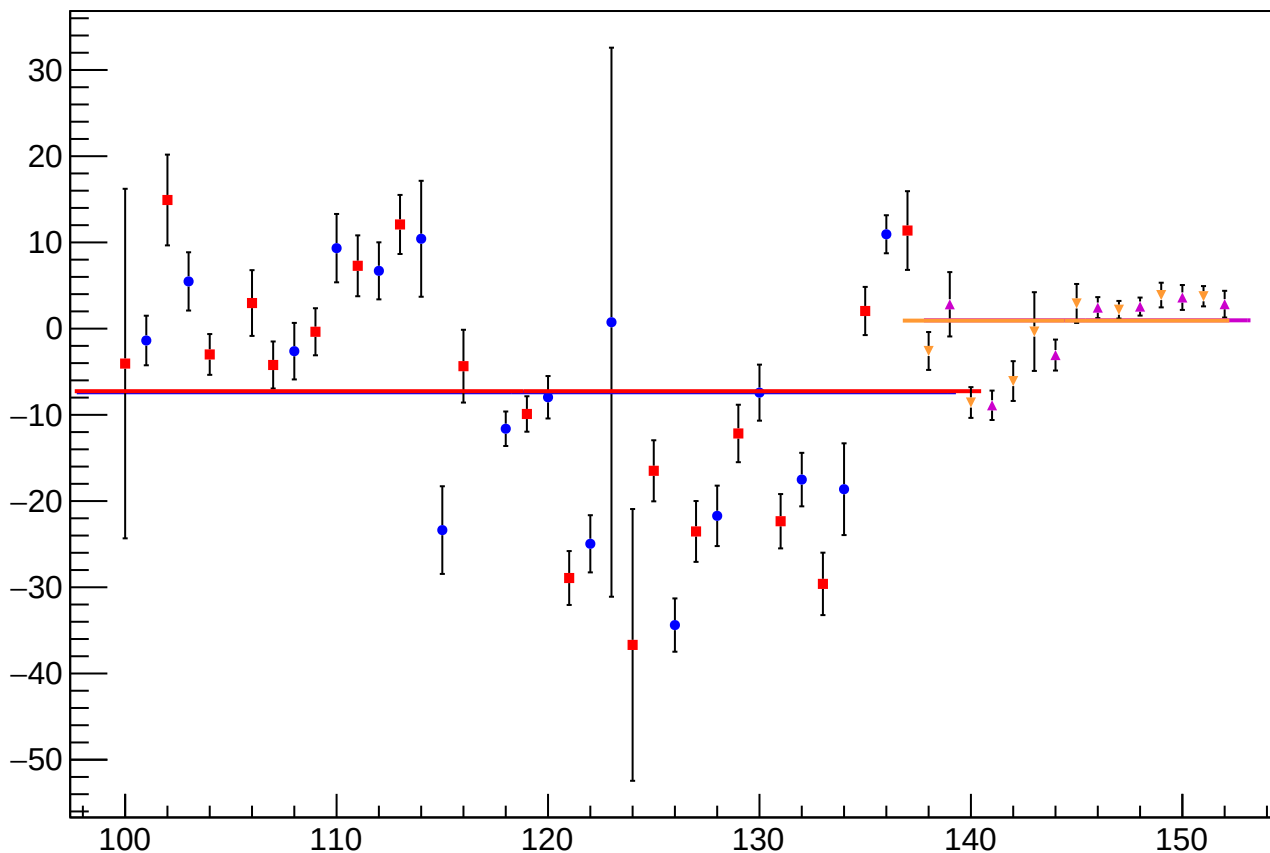
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.281+/-0.824 χ^2/NDF :210.2/6

Out: 41.761+/-0.862 χ^2/NDF :1780.9/7

All: 40.987+/-0.596 χ^2/NDF : 1992.6/14

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: 0.931 ± 0.566 χ^2/NDF : 52.7/7

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: 0.947 ± 0.397 χ^2/NDF : 100.0/14

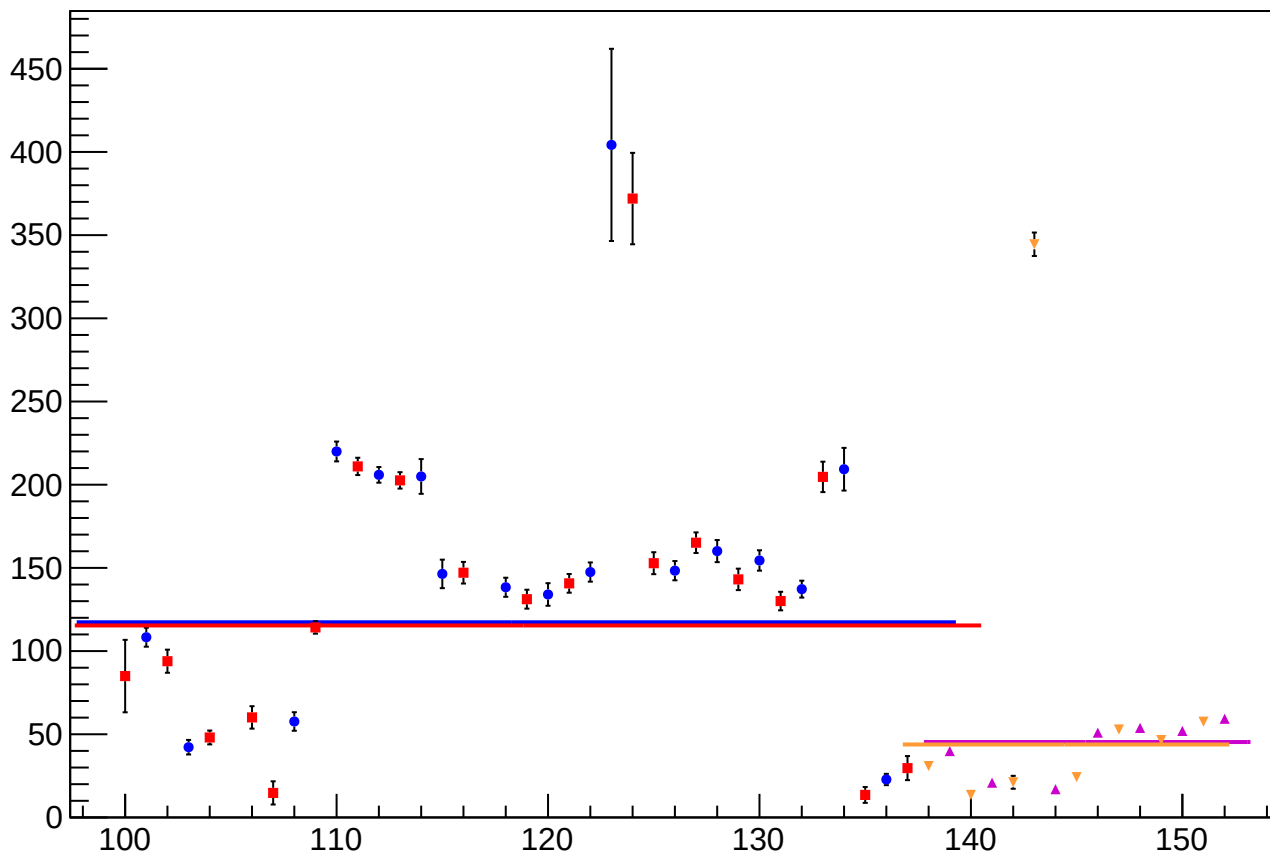
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -1.867 ± 0.453 χ^2/NDF : 406.8/23

Out: -1.978 ± 0.454 χ^2/NDF : 384.4/26

All: -1.922 ± 0.321 χ^2/NDF : 791.2/50

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: 43.863 $\pm$ 0.863 χ^2 /NDF:2175.5/7

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: 44.640 $\pm$ 0.593 χ^2 /NDF: 2475.4/14

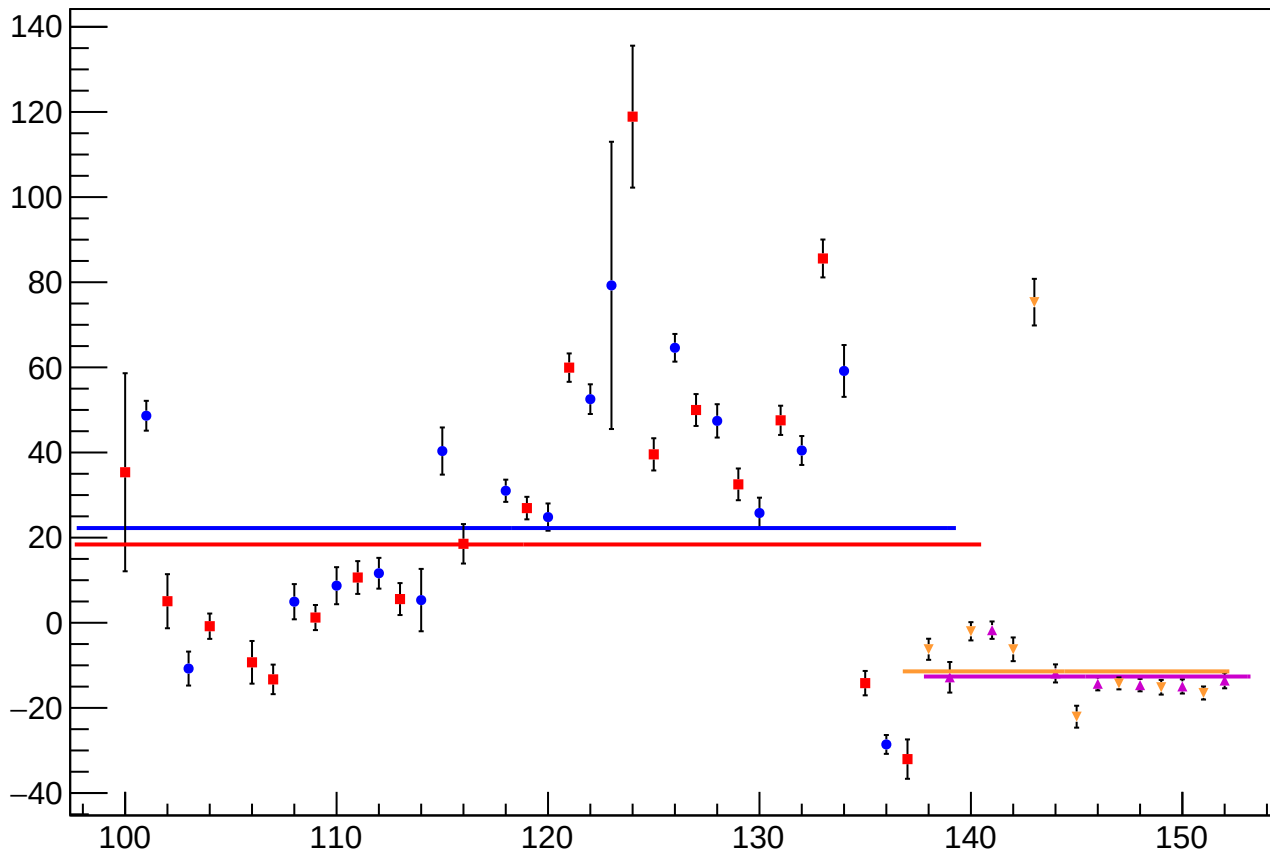
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 63.411 $\pm$ 0.706 χ^2 /NDF:4414.3/23

Out: 64.388 $\pm$ 0.729 χ^2 /NDF:6297.6/26

All: 63.884 $\pm$ 0.507 χ^2 /NDF: 10712.9/50

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: -11.420+/-0.714 χ^2/NDF : 314.9/7

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: -12.041+/-0.498 χ^2/NDF : 350.1/14

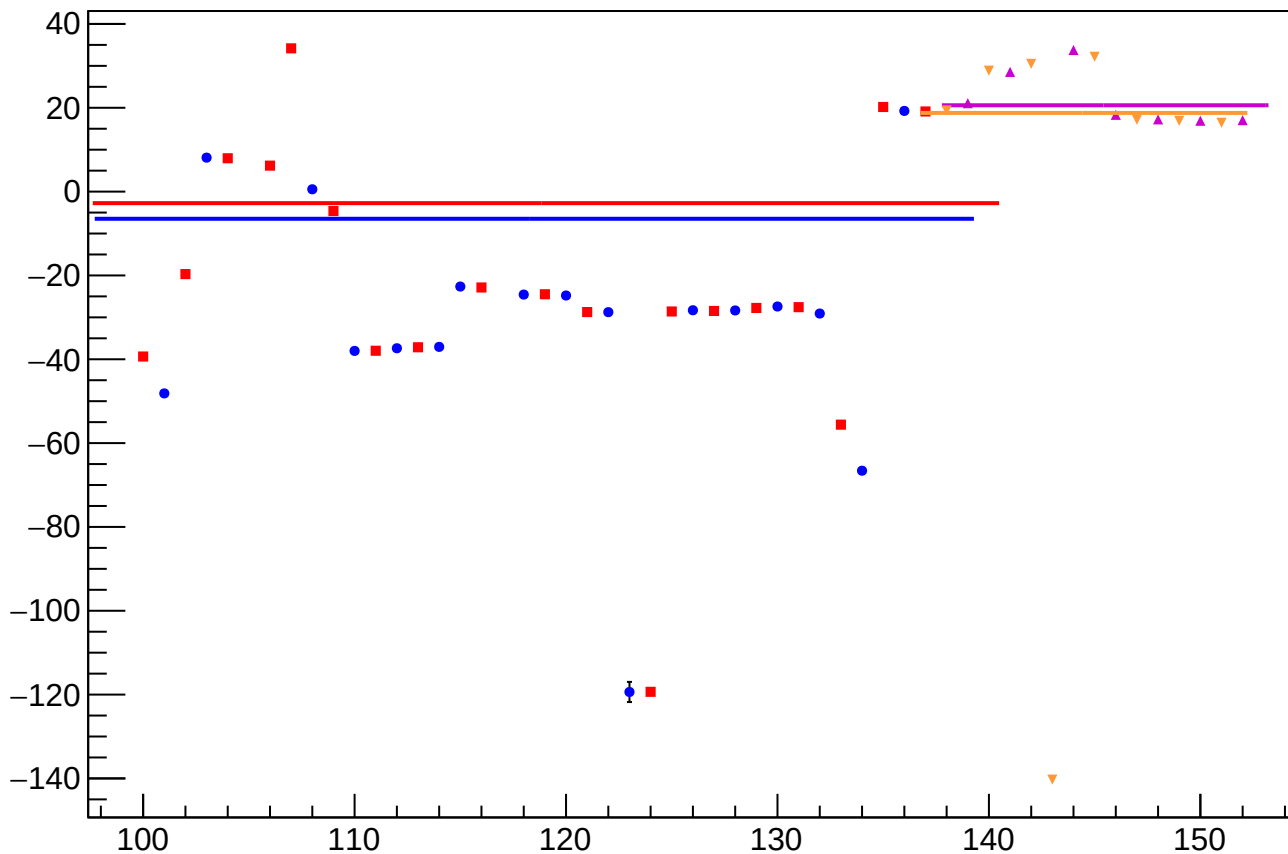
Right: 20.284+/-0.622 χ^2/NDF : 2158.2/35

In: 0.591+/-0.547 χ^2/NDF : 2060.7/23

Out: 0.547+/-0.552 χ^2/NDF : 2092.1/26

All: 0.569+/-0.389 χ^2/NDF : 4152.8/50

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 18.773 ± 0.037 $\chi^2/\text{NDF}: 348460.5/7$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

Left In: 20.601 ± 0.034 $\chi^2/\text{NDF}: 24732.2/6$

Left: 19.763 ± 0.025 $\chi^2/\text{NDF}: 374538.7/14$

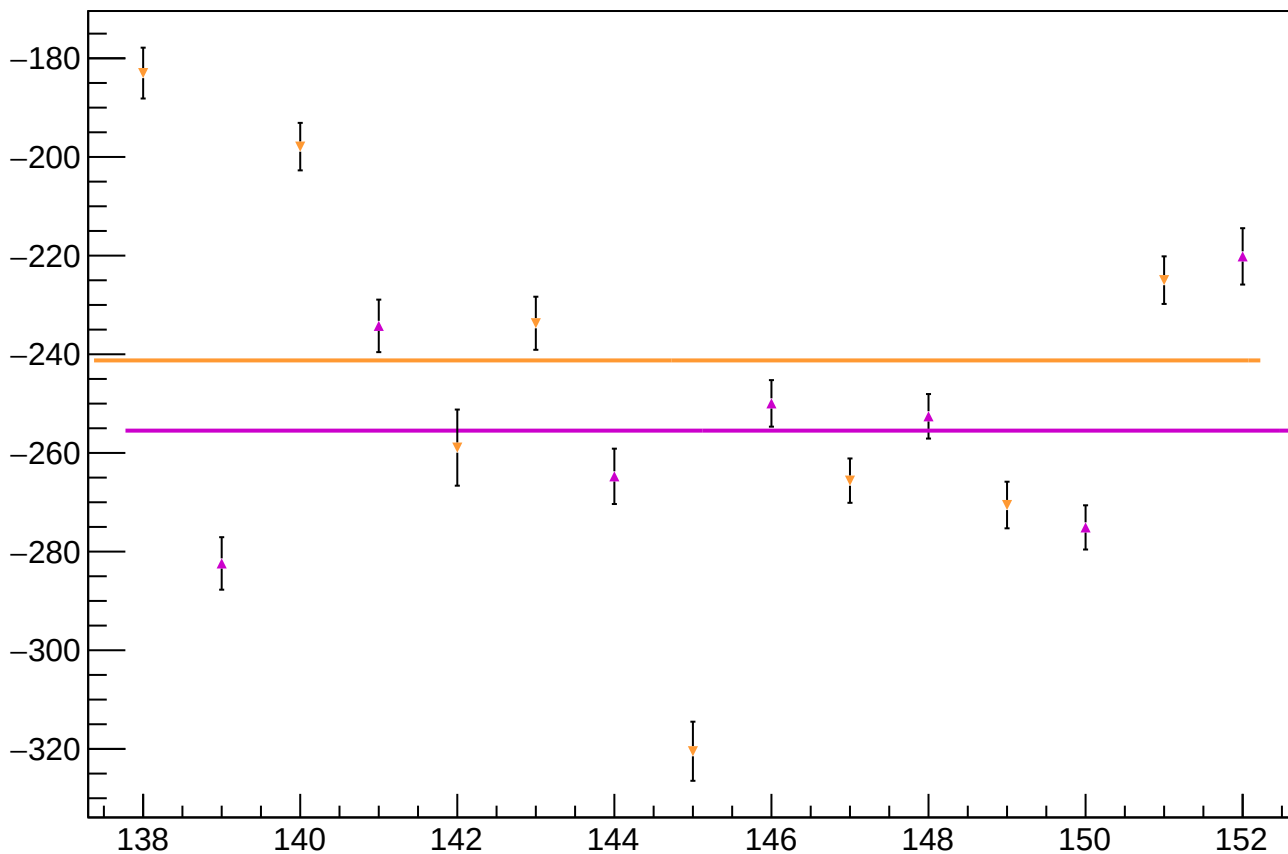
Right: -4.597 ± 0.032 $\chi^2/\text{NDF}: 535394.7/35$

In: 11.181 ± 0.027 $\chi^2/\text{NDF}: 515015.8/23$

Out: 10.338 ± 0.029 $\chi^2/\text{NDF}: 749774.8/26$

All: 10.780 ± 0.020 $\chi^2/\text{NDF}: 1265246.5/50$

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: -241.245+/-1.834 χ^2/NDF :470.2/7

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: -248.108+/-1.320 χ^2/NDF : 602.6/14

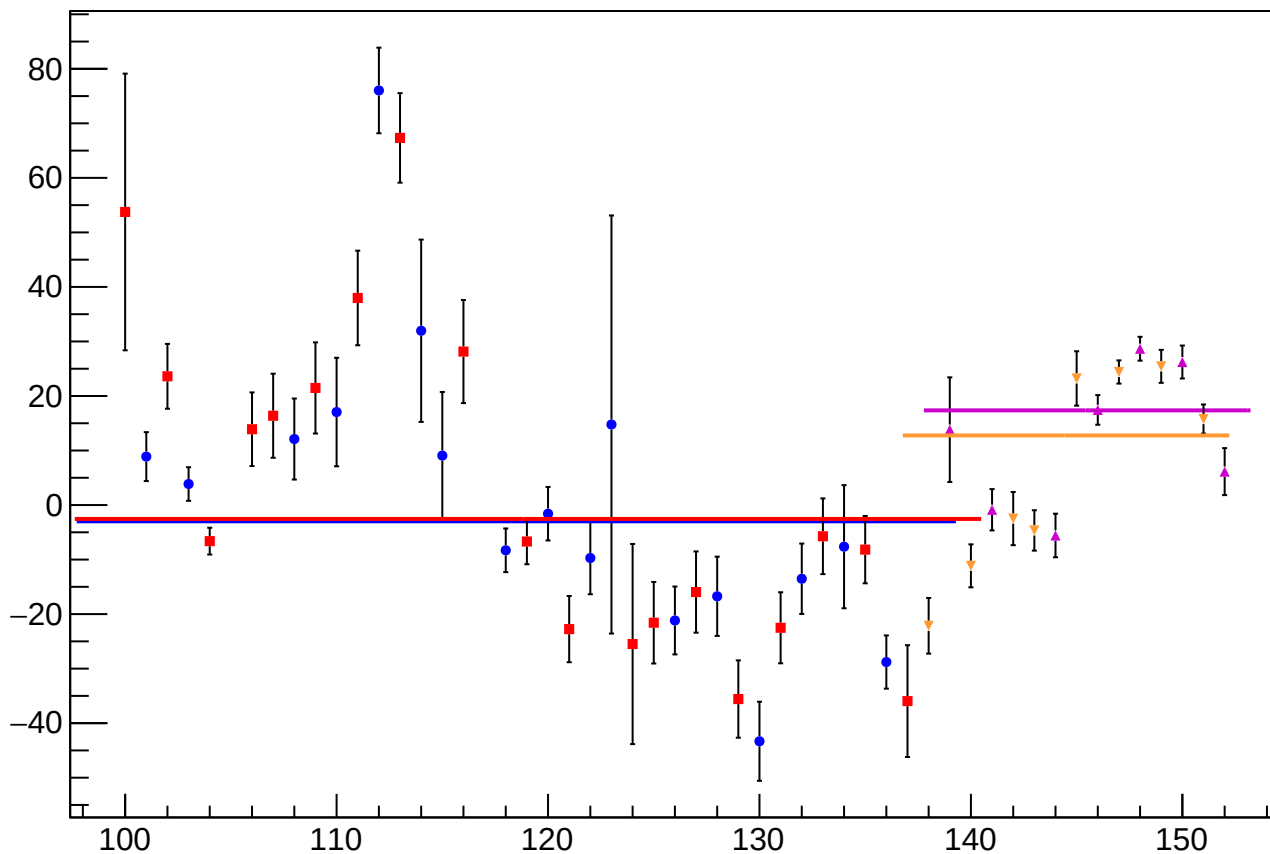
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.477+/-1.901 χ^2/NDF :103.4/6

Out: -241.245+/-1.834 χ^2/NDF :470.2/7

All: -248.108+/-1.320 χ^2/NDF : 602.6/14

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: 12.766 ± 1.172 χ^2/NDF : 168.6/7

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: 14.934 ± 0.852 χ^2/NDF : 274.1/14

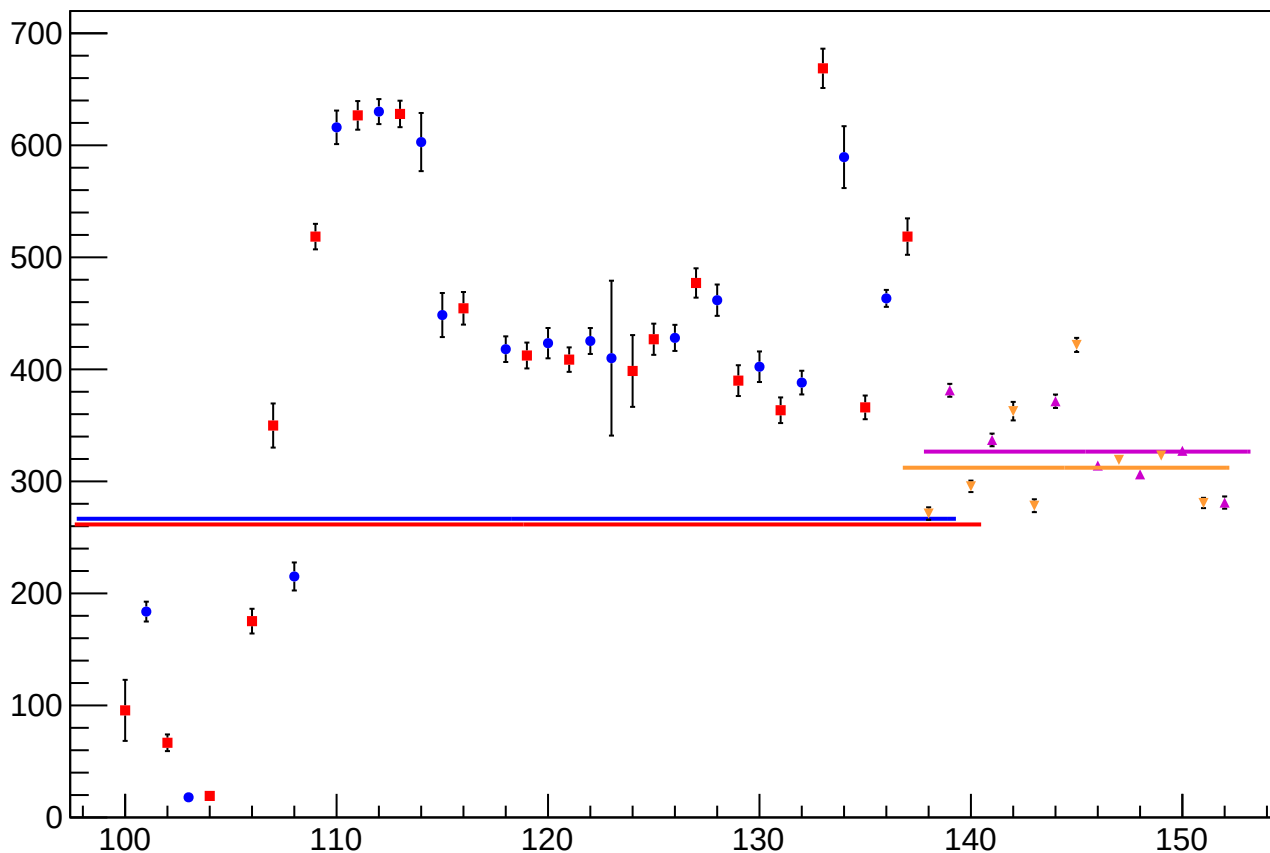
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: 8.774 ± 0.942 χ^2/NDF : 415.9/23

Out: 6.449 ± 0.898 χ^2/NDF : 457.1/26

All: 7.556 ± 0.650 χ^2/NDF : 876.2/50

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: 312.204 $\pm$ 1.839 χ^2 /NDF:495.5/7

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: 319.251 $\pm$ 1.313 χ^2 /NDF: 774.9/14

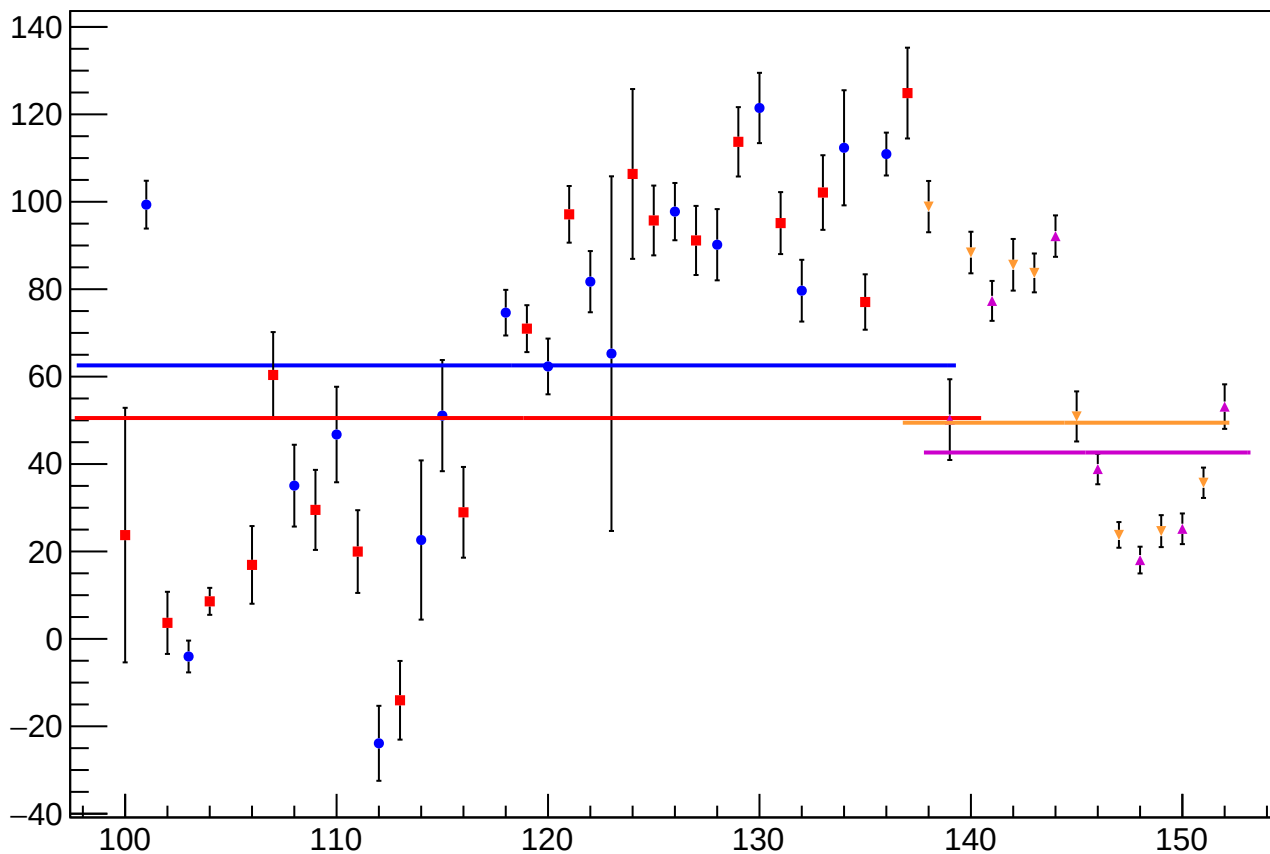
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 304.744 $\pm$ 1.495 χ^2 /NDF:8284.5/23

Out: 294.021 $\pm$ 1.473 χ^2 /NDF:8976.0/26

All: 299.302 $\pm$ 1.049 χ^2 /NDF: 17286.7/50

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: 49.456 $\pm$ 1.480 χ^2 /NDF:372.8/7

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: 46.218 $\pm$ 1.072 χ^2 /NDF: 645.2/14

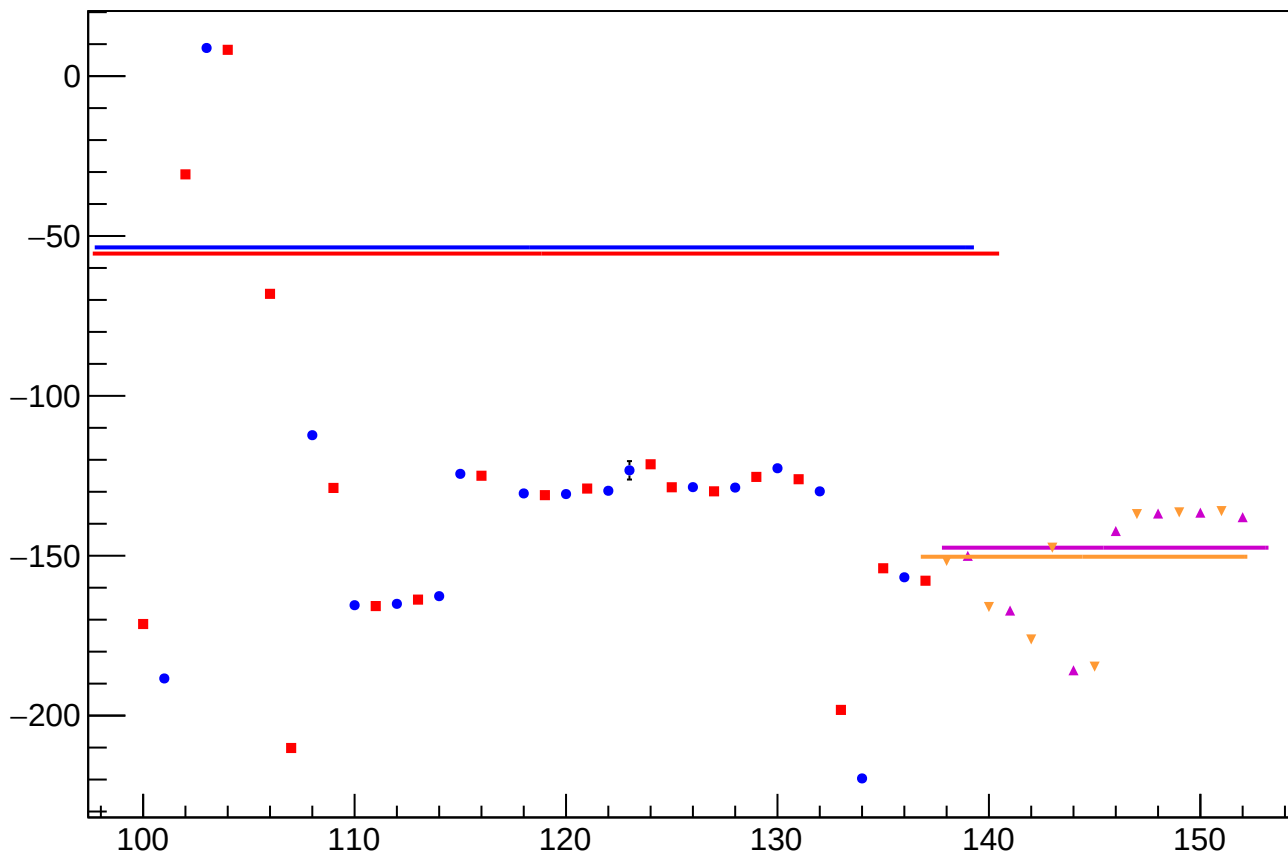
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 51.851 $\pm$ 1.141 χ^2 /NDF:1060.5/23

Out: 49.935 $\pm$ 1.100 χ^2 /NDF:1030.1/26

All: 50.858 $\pm$ 0.792 χ^2 /NDF: 2092.0/50

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: -150.315 $\pm$ 0.079 χ^2 /NDF: 45215.3/7

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: -148.894 $\pm$ 0.055 χ^2 /NDF: 84472.5/14

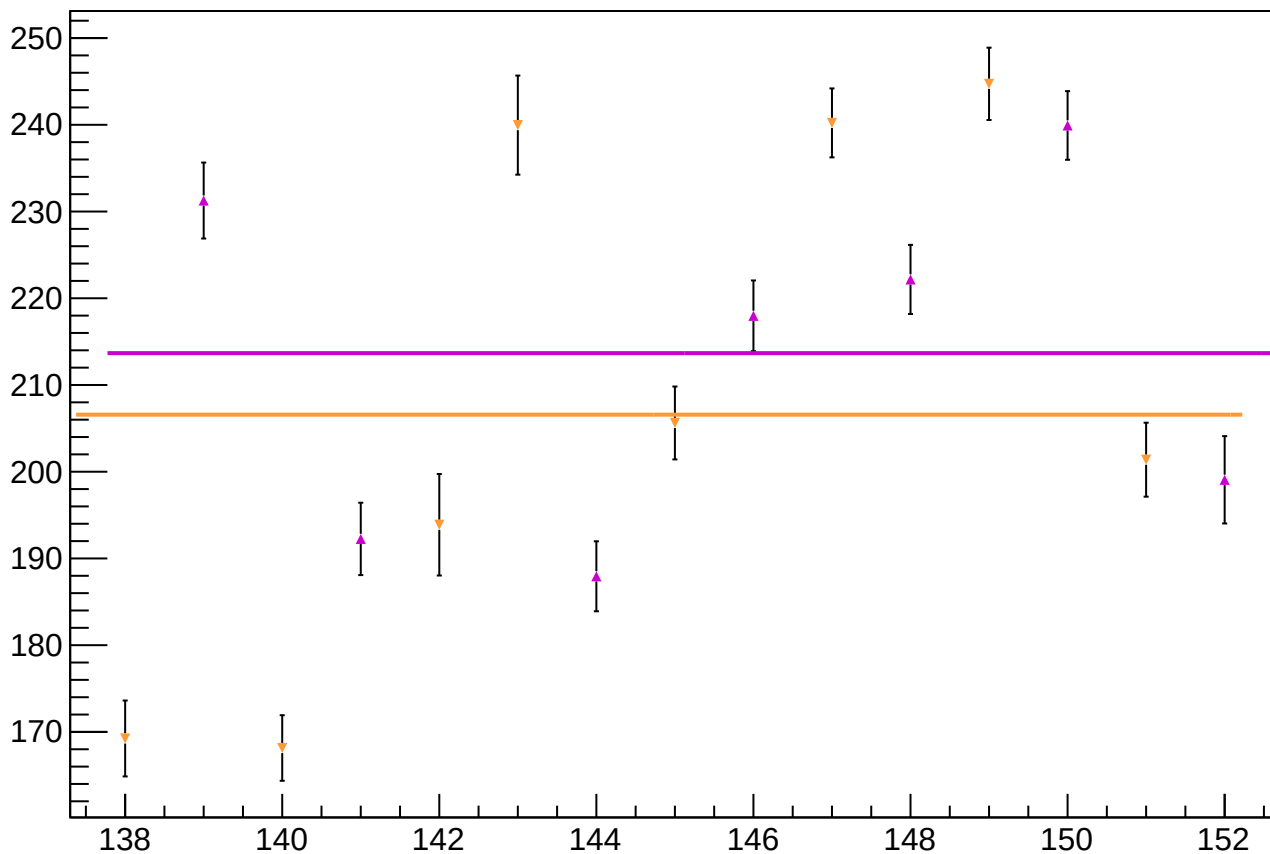
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -95.540 $\pm$ 0.052 χ^2 /NDF: 2067082.3/23

Out: -98.757 $\pm$ 0.053 χ^2 /NDF: 1808014.4/26

All: -97.125 $\pm$ 0.037 χ^2 /NDF: 3876963.5/50

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: 206.580+/-1.553 χ^2/NDF :371.8/7

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: 210.053+/-1.110 χ^2/NDF : 523.2/14

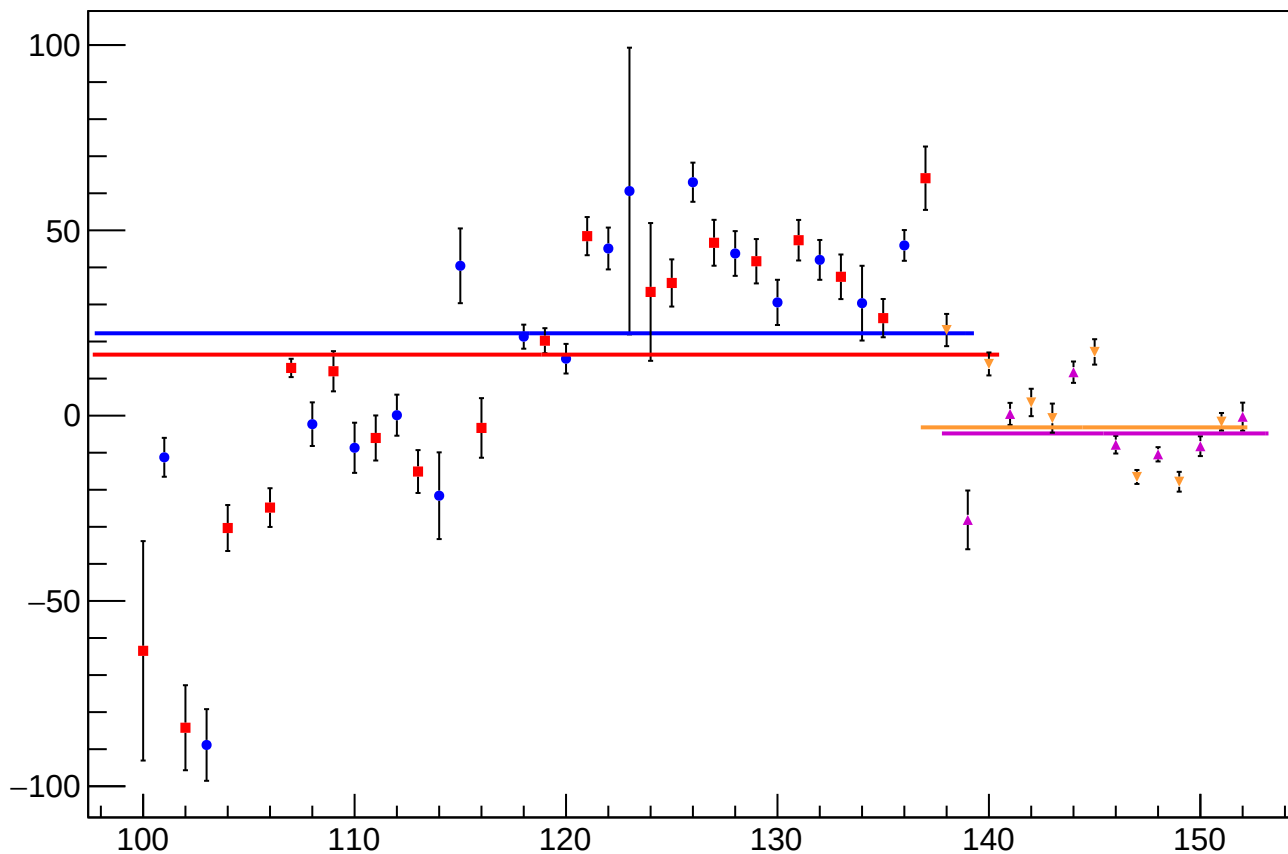
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.673+/-1.586 χ^2/NDF :141.2/6

Out: 206.580+/-1.553 χ^2/NDF :371.8/7

All: 210.053+/-1.110 χ^2/NDF : 523.2/14

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: -3.161 ± 1.009 $\chi^2/\text{NDF}: 187.0/7$

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: -3.948 ± 0.728 $\chi^2/\text{NDF}: 246.1/14$

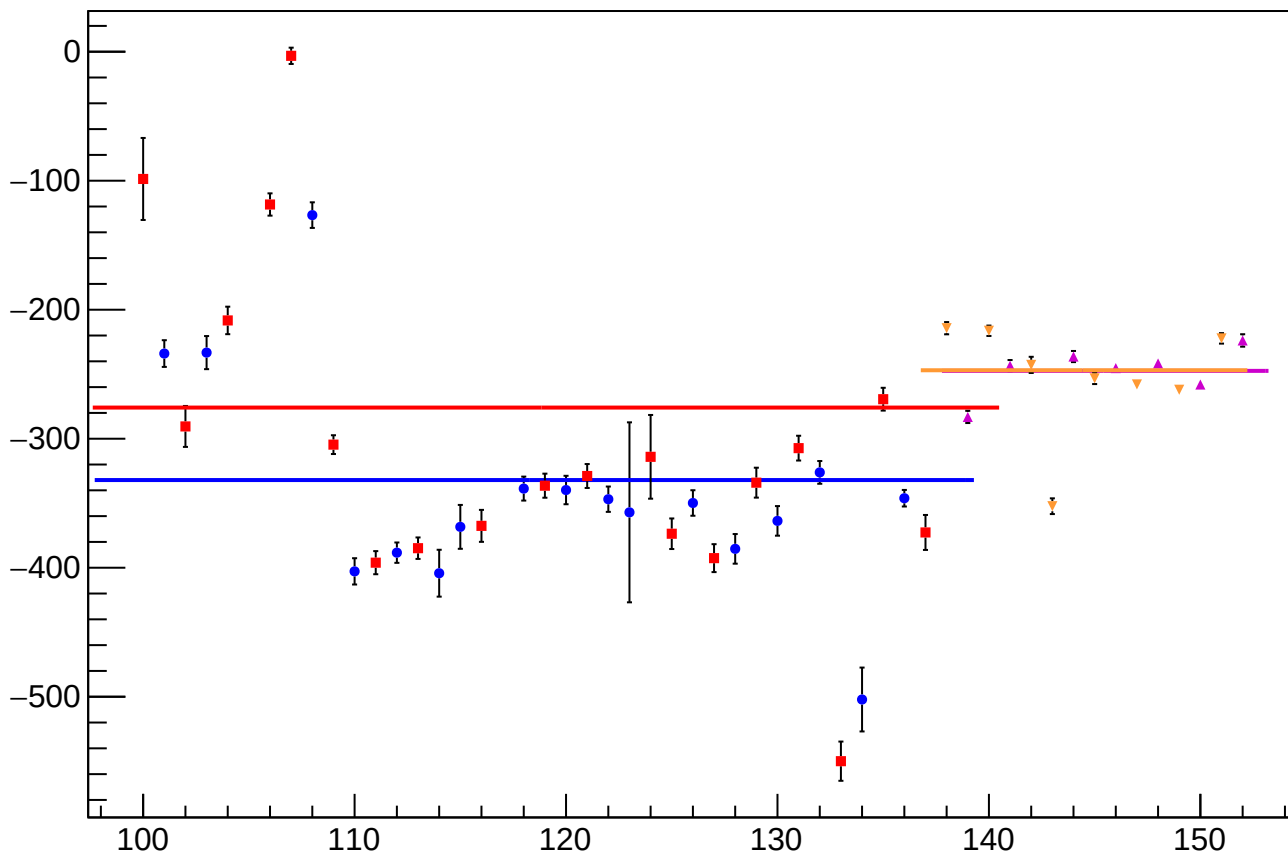
Right: 19.025 ± 0.916 $\chi^2/\text{NDF}: 821.2/35$

In: 5.184 ± 0.835 $\chi^2/\text{NDF}: 687.5/23$

Out: 4.738 ± 0.780 $\chi^2/\text{NDF}: 765.1/26$

All: 4.946 ± 0.570 $\chi^2/\text{NDF}: 1452.7/50$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -246.934 ± 1.566 χ^2/NDF : 467.0/7

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

Left In: -247.401 ± 1.576 χ^2/NDF : 99.0/6

Left: -247.166 ± 1.111 χ^2/NDF : 566.1/14

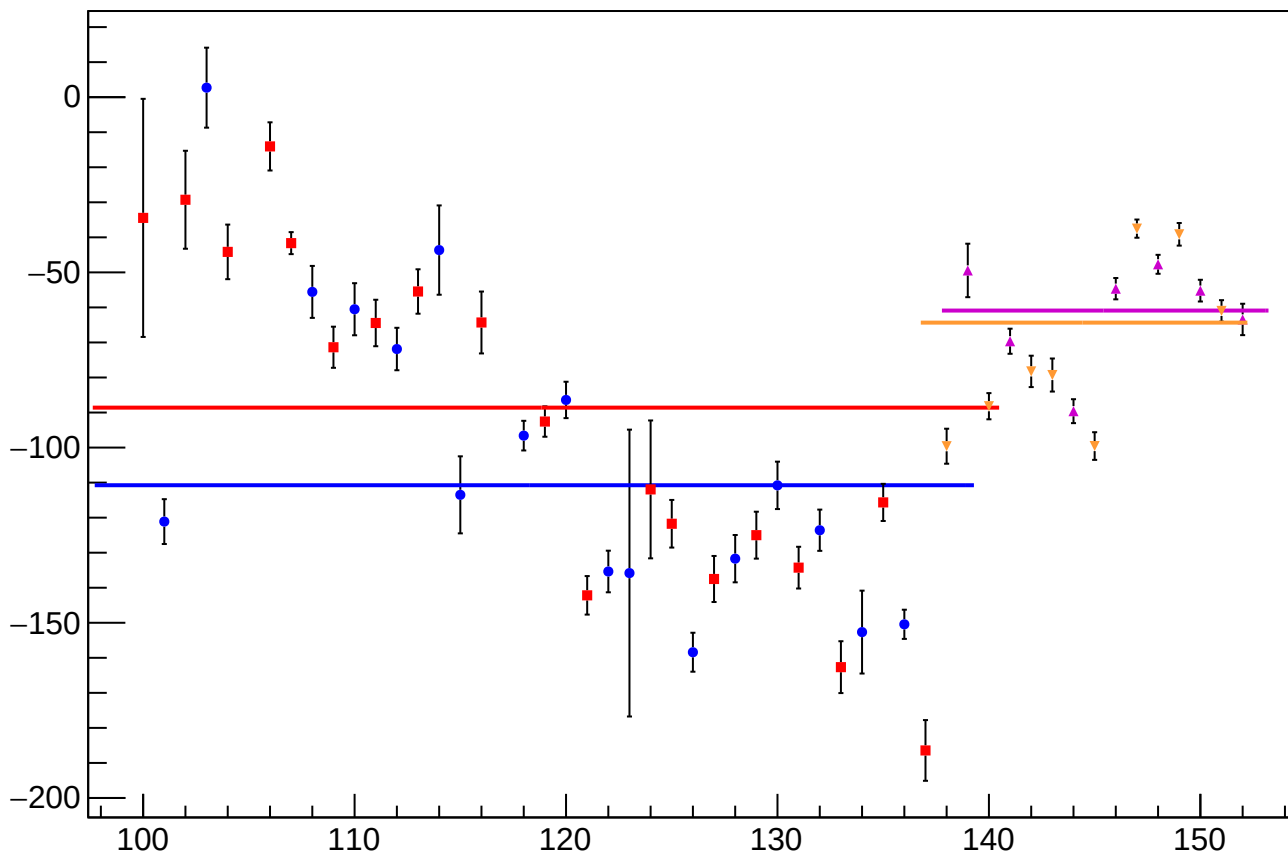
Right: -301.220 ± 1.721 χ^2/NDF : 4411.6/35

In: -270.638 ± 1.342 χ^2/NDF : 1675.7/23

Out: -255.962 ± 1.299 χ^2/NDF : 3936.3/26

All: -263.057 ± 0.933 χ^2/NDF : 5673.7/50

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: -64.338 ± 1.269 χ^2/NDF : 358.7/7

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: -62.676 ± 0.912 χ^2/NDF : 473.0/14

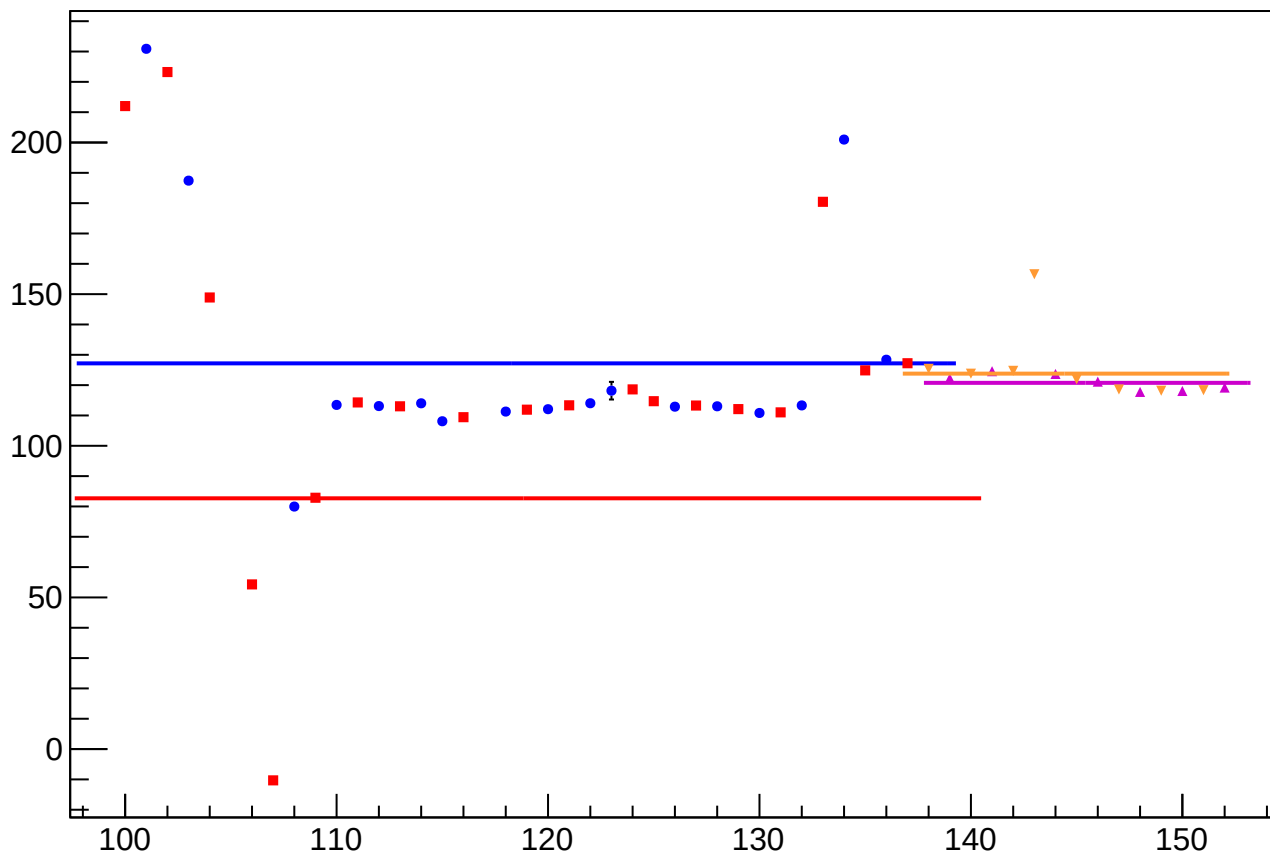
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -81.297 ± 1.009 χ^2/NDF : 1214.0/23

Out: -74.988 ± 0.950 χ^2/NDF : 1488.9/26

All: -77.953 ± 0.692 χ^2/NDF : 2723.6/50

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: 123.794 $\pm$ 0.067 χ^2 /NDF: 21074.8/7

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: 122.253 $\pm$ 0.047 χ^2 /NDF: 23623.6/14

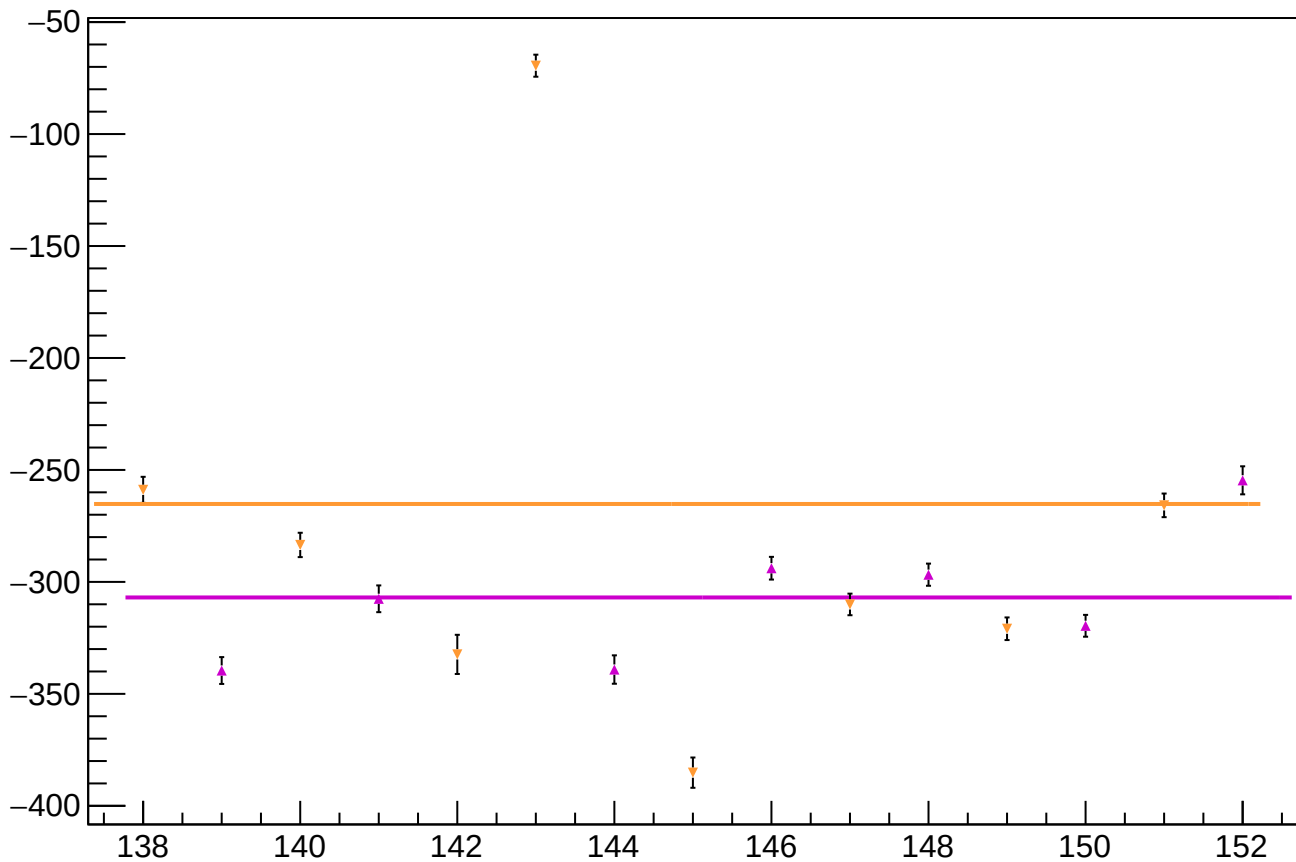
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 123.018 $\pm$ 0.053 χ^2 /NDF: 192916.7/23

Out: 105.754 $\pm$ 0.050 χ^2 /NDF: 954056.9/26

All: 113.889 $\pm$ 0.036 χ^2 /NDF: 1203416.3/50

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -265.200 ± 1.970 χ^2/NDF : 2174.9/7

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: -284.795 ± 1.435 χ^2/NDF : 2528.6/14

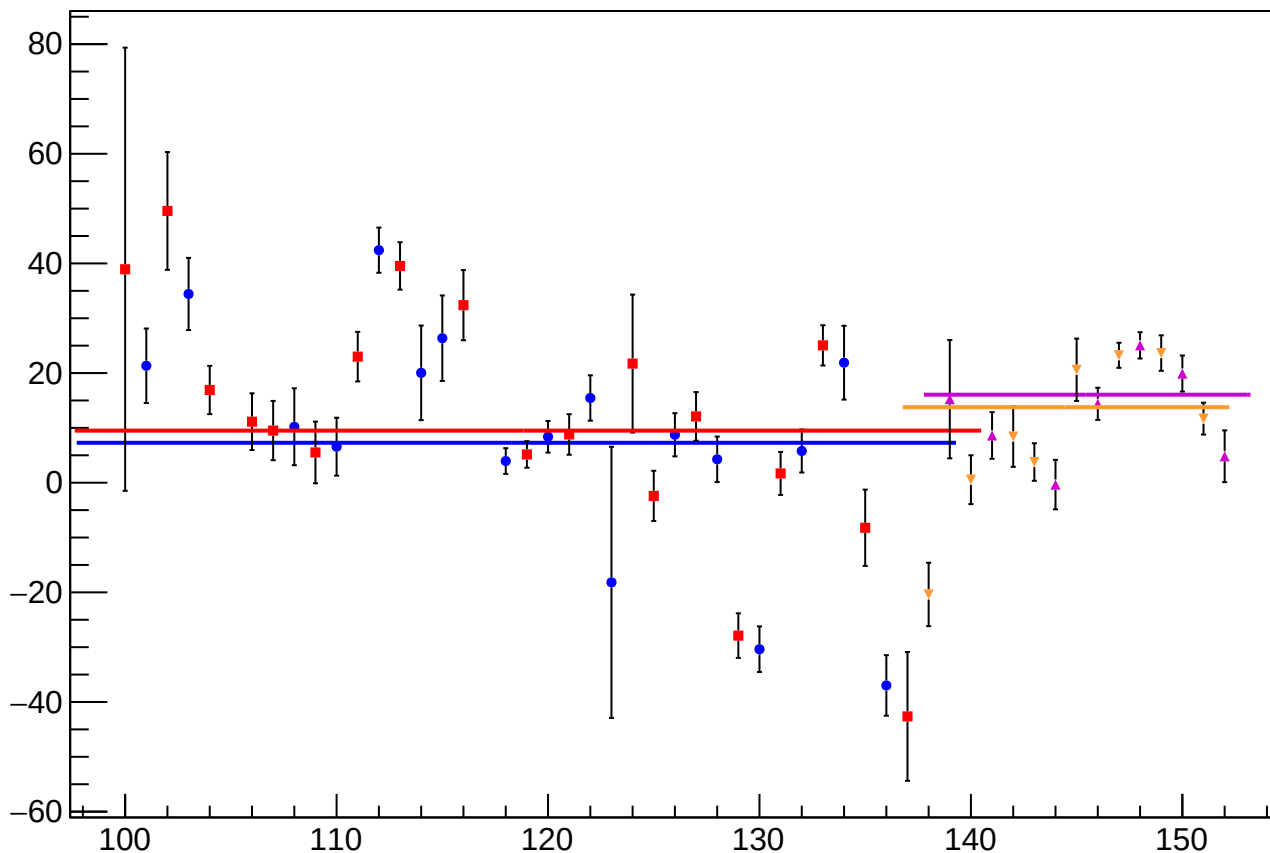
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -306.949 ± 2.094 χ^2/NDF : 142.8/6

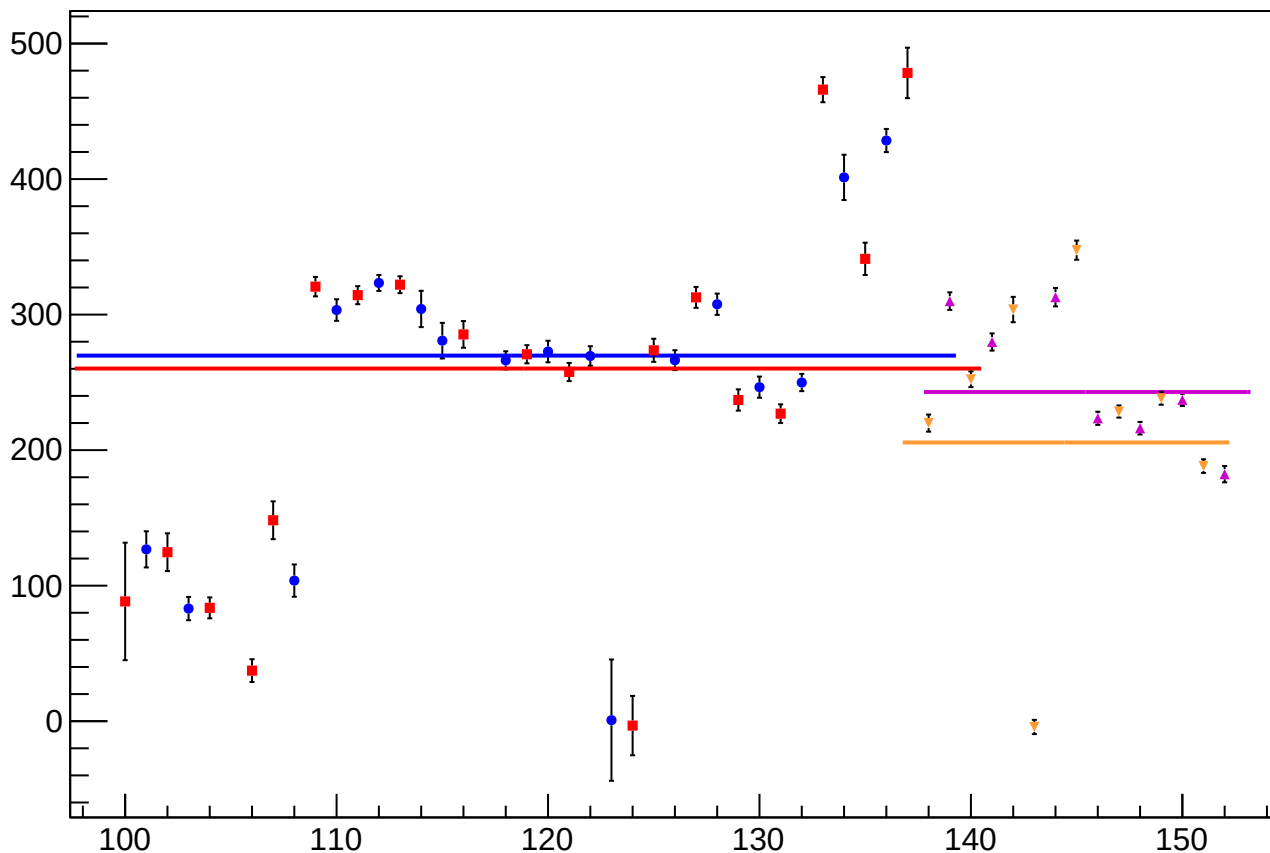
Out: -265.200 ± 1.970 χ^2/NDF : 2174.9/7

All: -284.795 ± 1.435 χ^2/NDF : 2528.6/14

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 205.646 $\pm$ 1.975 χ^2 /NDF:2262.1/7

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: 223.459 $\pm$ 1.426 χ^2 /NDF: 2831.9/14

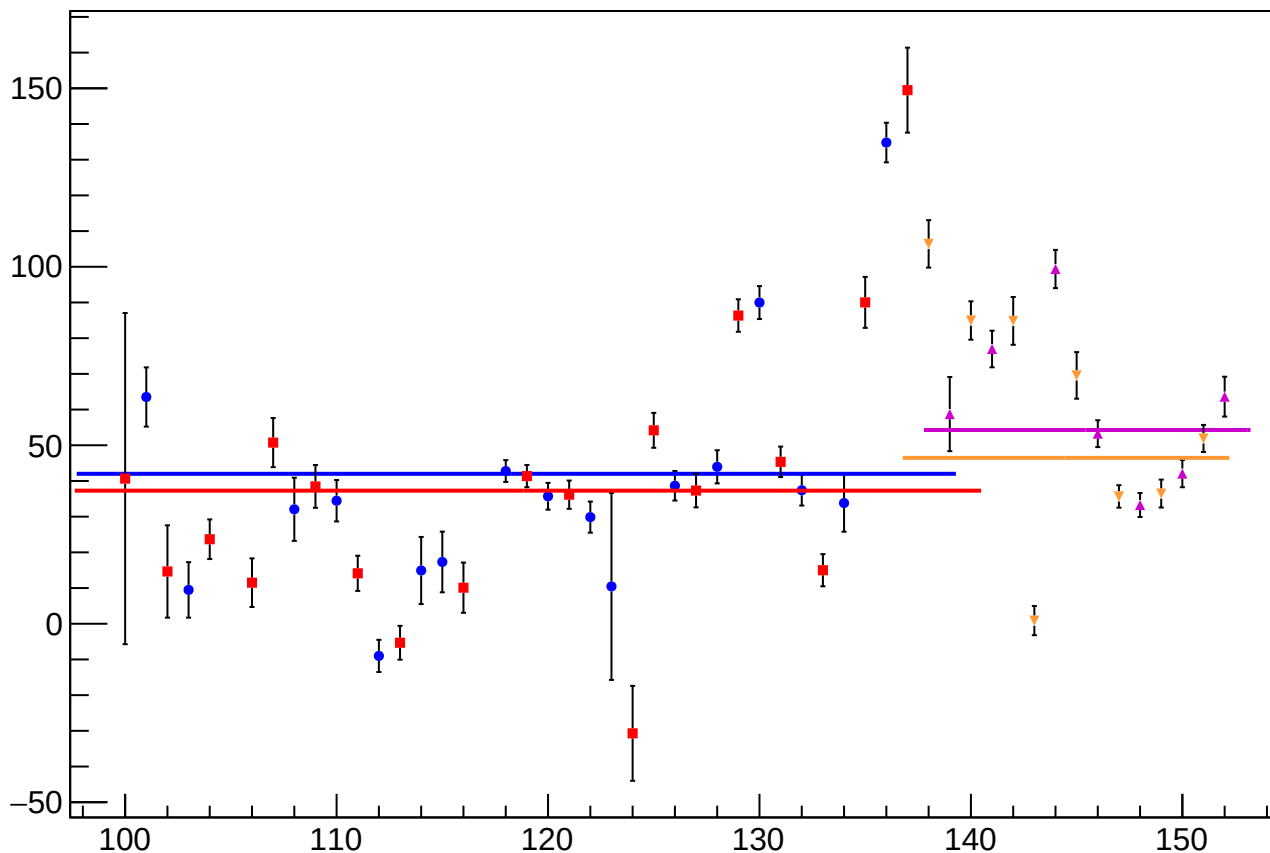
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 256.246 $\pm$ 1.461 χ^2 /NDF:1858.5/23

Out: 232.889 $\pm$ 1.398 χ^2 /NDF:5184.6/26

All: 244.047 $\pm$ 1.010 χ^2 /NDF: 7176.6/50

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 46.469 $\pm$ 1.584 χ^2 /NDF:322.7/7

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

Left In: 54.280 $\pm$ 1.709 χ^2 /NDF:143.0/6

Left: 50.077 $\pm$ 1.162 χ^2 /NDF: 476.9/14

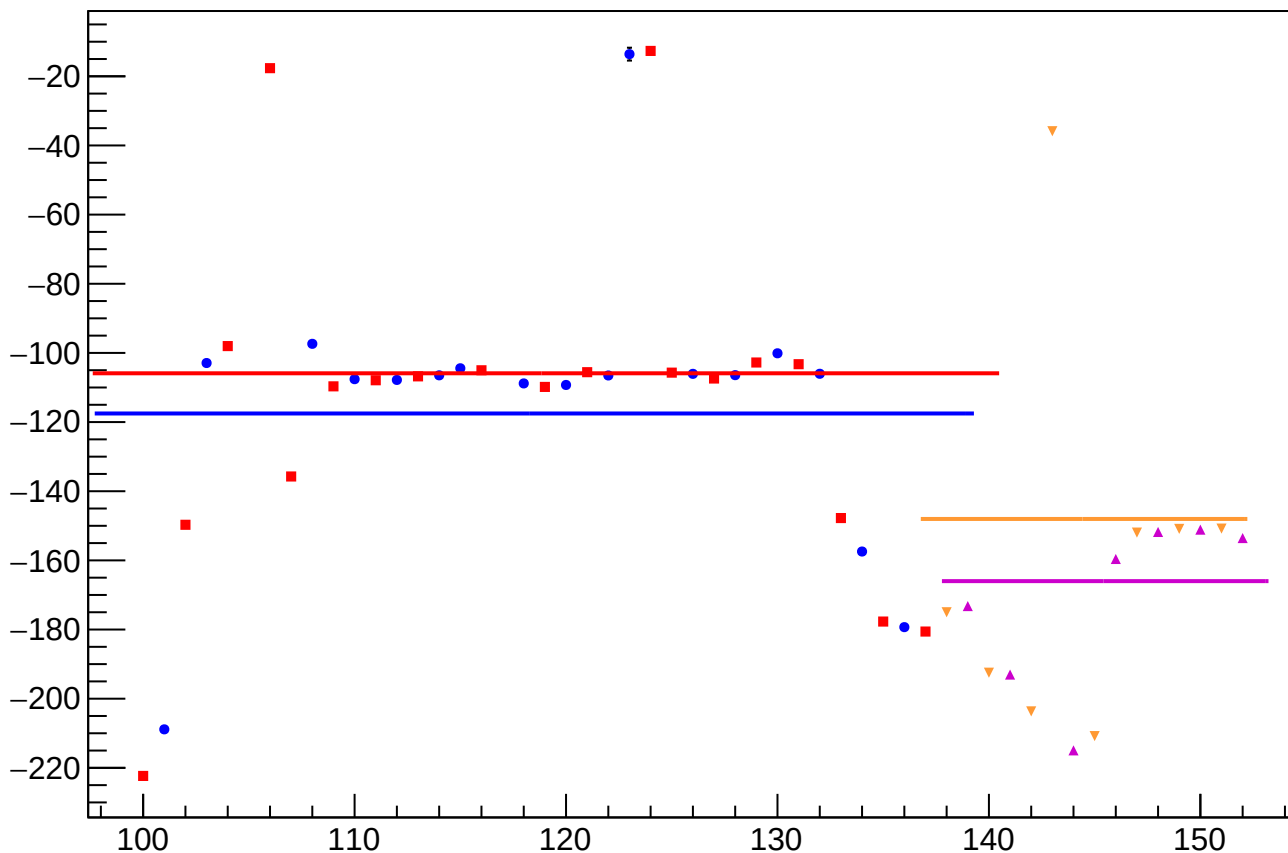
Right: 39.611 $\pm$ 0.881 χ^2 /NDF: 1055.4/35

In: 46.308 $\pm$ 1.012 χ^2 /NDF:752.0/23

Out: 40.765 $\pm$ 0.975 χ^2 /NDF:816.2/26

All: 43.433 $\pm$ 0.702 χ^2 /NDF: 1583.8/50

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: -148.019+/-0.084 χ^2/NDF : 399488.3/7

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: -156.803+/-0.060 χ^2/NDF : 475515.1/14

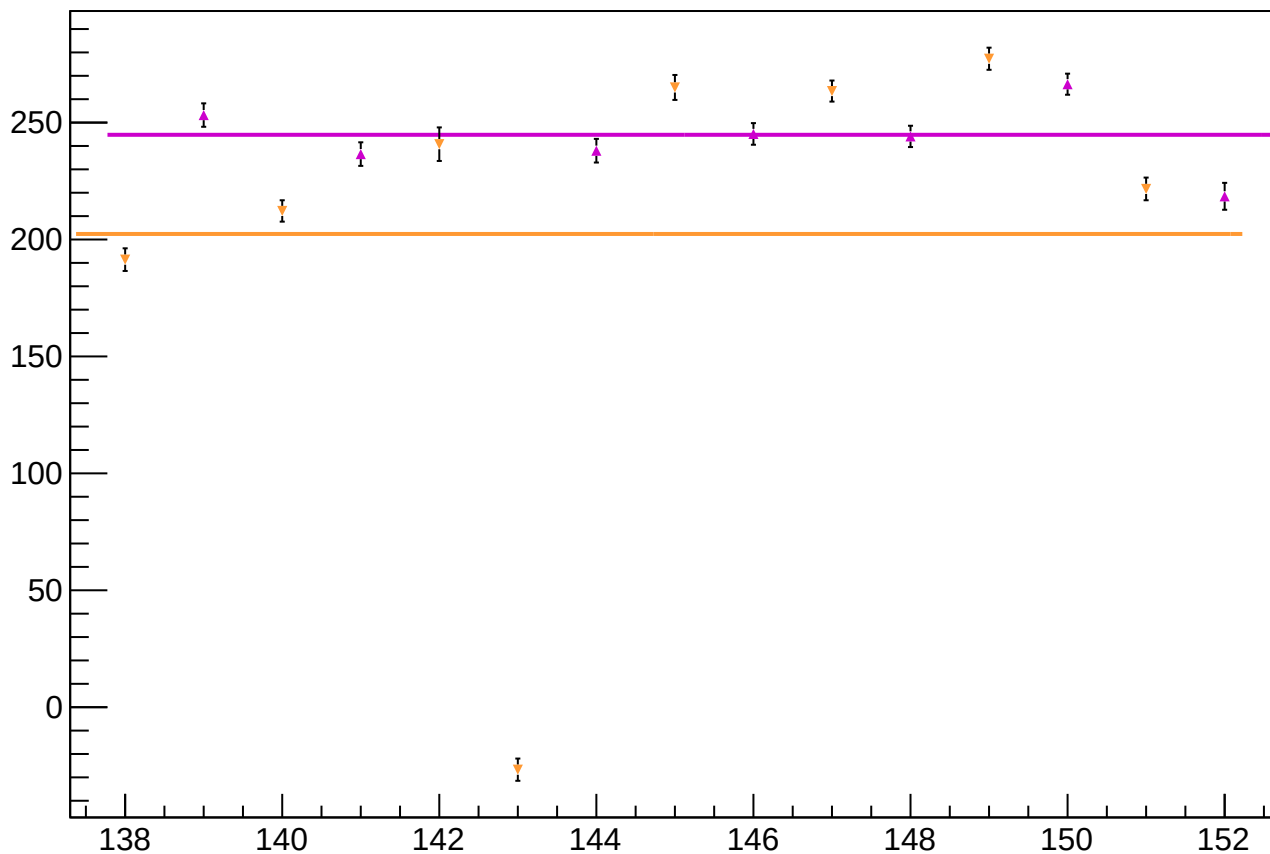
Right: -111.303+/-0.053 χ^2/NDF : 478188.8/35

In: -139.363+/-0.058 χ^2/NDF : 369848.4/23

Out: -123.919+/-0.055 χ^2/NDF : 867088.1/26

All: -131.265+/-0.040 χ^2/NDF : 1274352.7/50

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 202.371+/-1.752 χ^2/NDF :2948.8/7

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: 222.435+/-1.272 χ^2/NDF : 3277.3/14

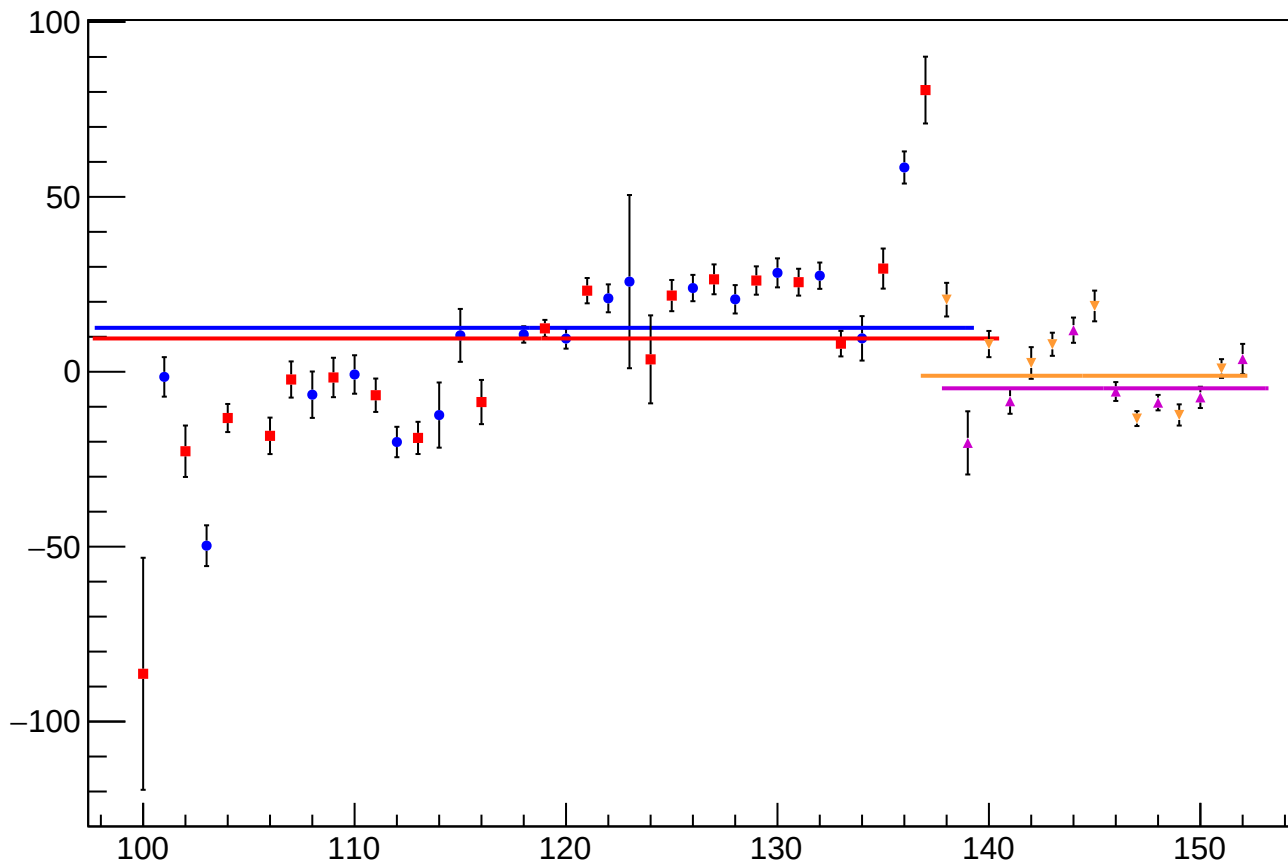
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.775+/-1.849 χ^2/NDF :51.3/6

Out: 202.371+/-1.752 χ^2/NDF :2948.8/7

All: 222.435+/-1.272 χ^2/NDF : 3277.3/14

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF : 347.7/16

Left Out: -1.141+/-1.136 χ^2/NDF : 102.3/7

Right Out: 9.519+/-1.051 χ^2/NDF : 296.2/18

Left In: -4.730+/-1.221 χ^2/NDF : 33.3/6

Left: -2.805+/-0.832 χ^2/NDF : 140.1/14

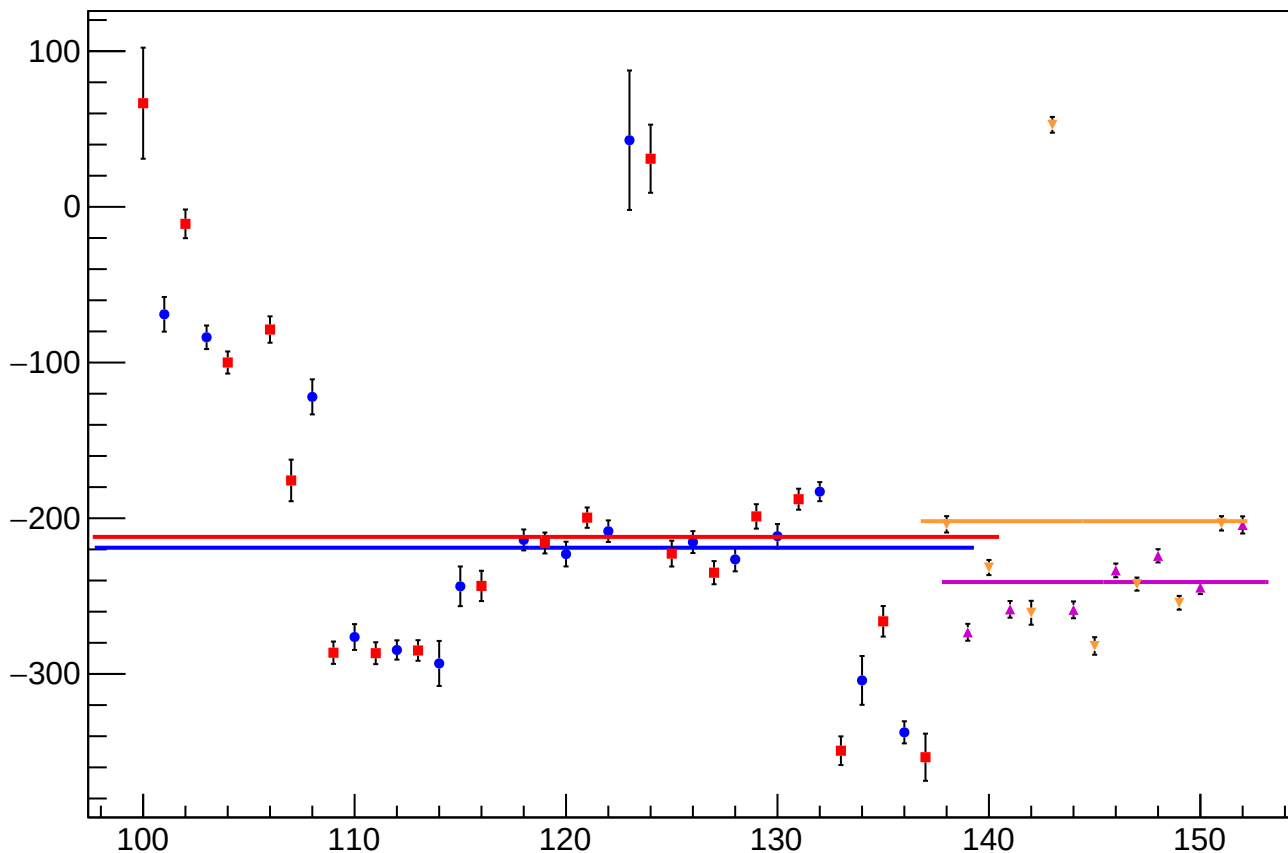
Right: 11.033+/-0.745 χ^2/NDF : 648.2/35

In: 5.169+/-0.799 χ^2/NDF : 495.7/23

Out: 4.605+/-0.771 χ^2/NDF : 446.0/26

All: 4.877+/-0.555 χ^2/NDF : 941.9/50

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -201.882 ± 1.767 $\chi^2/\text{NDF}: 3047.6/7$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

Left In: -240.970 ± 1.831 $\chi^2/\text{NDF}: 120.4/6$

Left: -220.727 ± 1.272 $\chi^2/\text{NDF}: 3404.0/14$

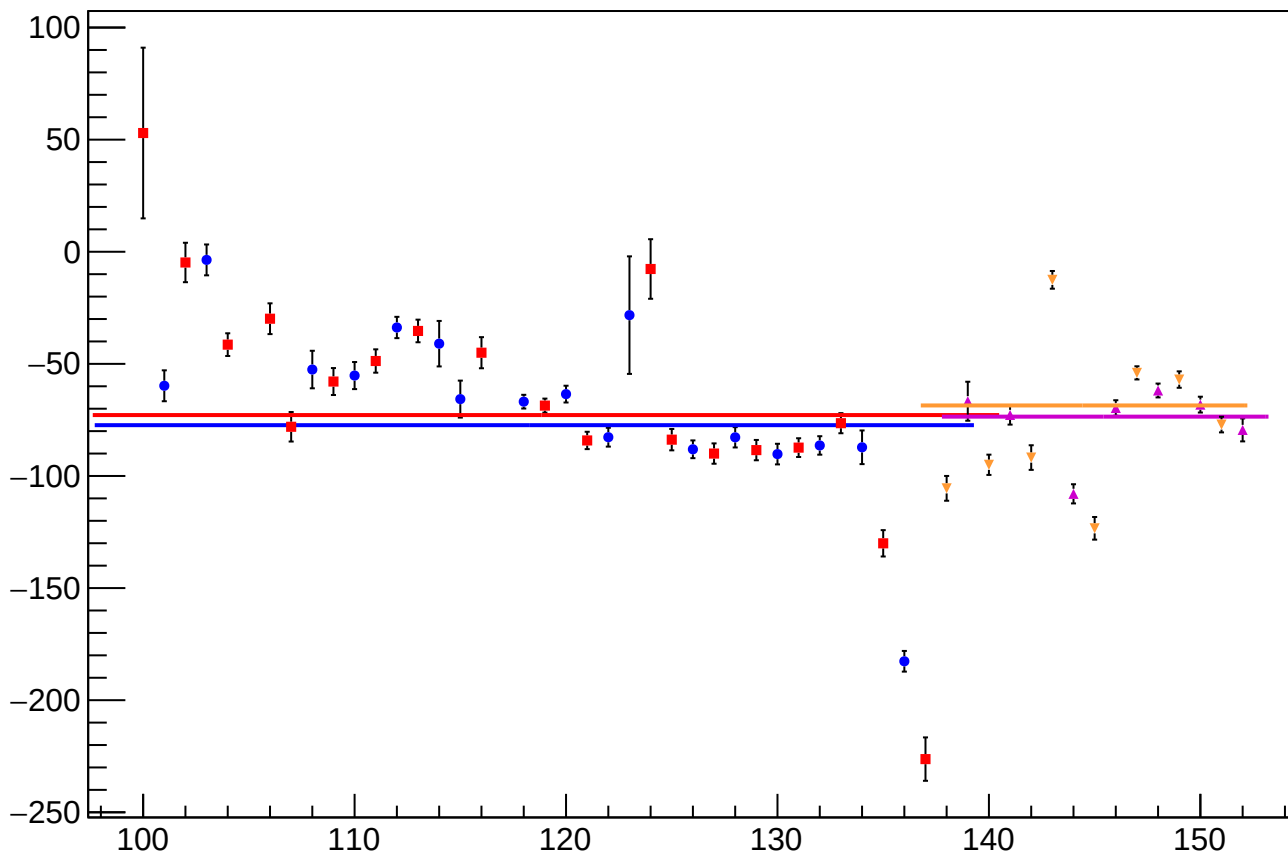
Right: -215.302 ± 1.389 $\chi^2/\text{NDF}: 3039.1/35$

In: -230.949 ± 1.352 $\chi^2/\text{NDF}: 1332.9/23$

Out: -206.496 ± 1.302 $\chi^2/\text{NDF}: 4948.7/26$

All: -218.253 ± 0.938 $\chi^2/\text{NDF}: 6451.3/50$

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: -68.548 ± 1.428 $\chi^2/\text{NDF}: 456.0/7$

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: -70.875 ± 1.043 $\chi^2/\text{NDF}: 546.3/14$

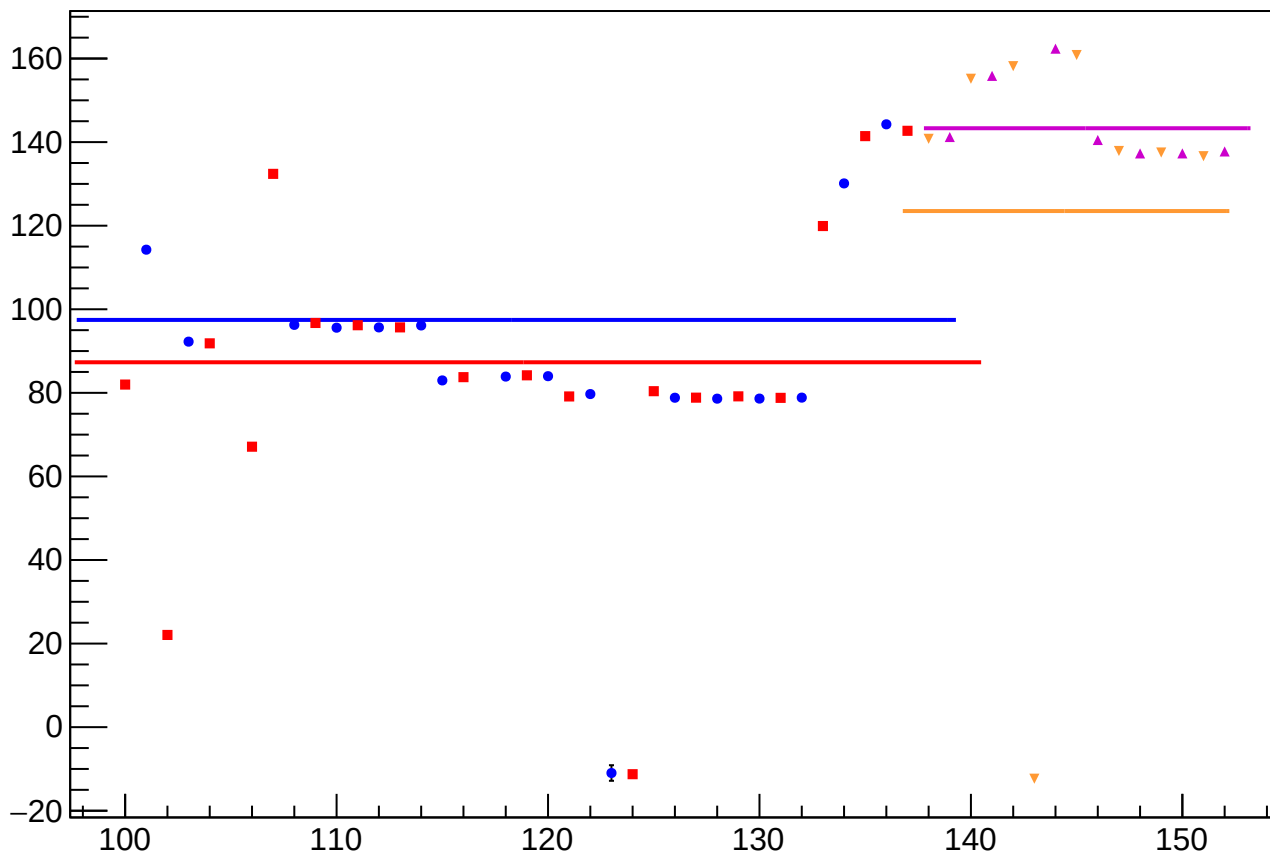
Right: -75.069 ± 0.858 $\chi^2/\text{NDF}: 1497.0/35$

In: -75.862 ± 0.953 $\chi^2/\text{NDF}: 905.6/23$

Out: -71.046 ± 0.922 $\chi^2/\text{NDF}: 1134.1/26$

All: -73.375 ± 0.663 $\chi^2/\text{NDF}: 2052.9/50$

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: 123.505 $\pm$ 0.075 χ^2 /NDF: 532237.8/7

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: 133.250 $\pm$ 0.053 χ^2 /NDF: 579557.3/14

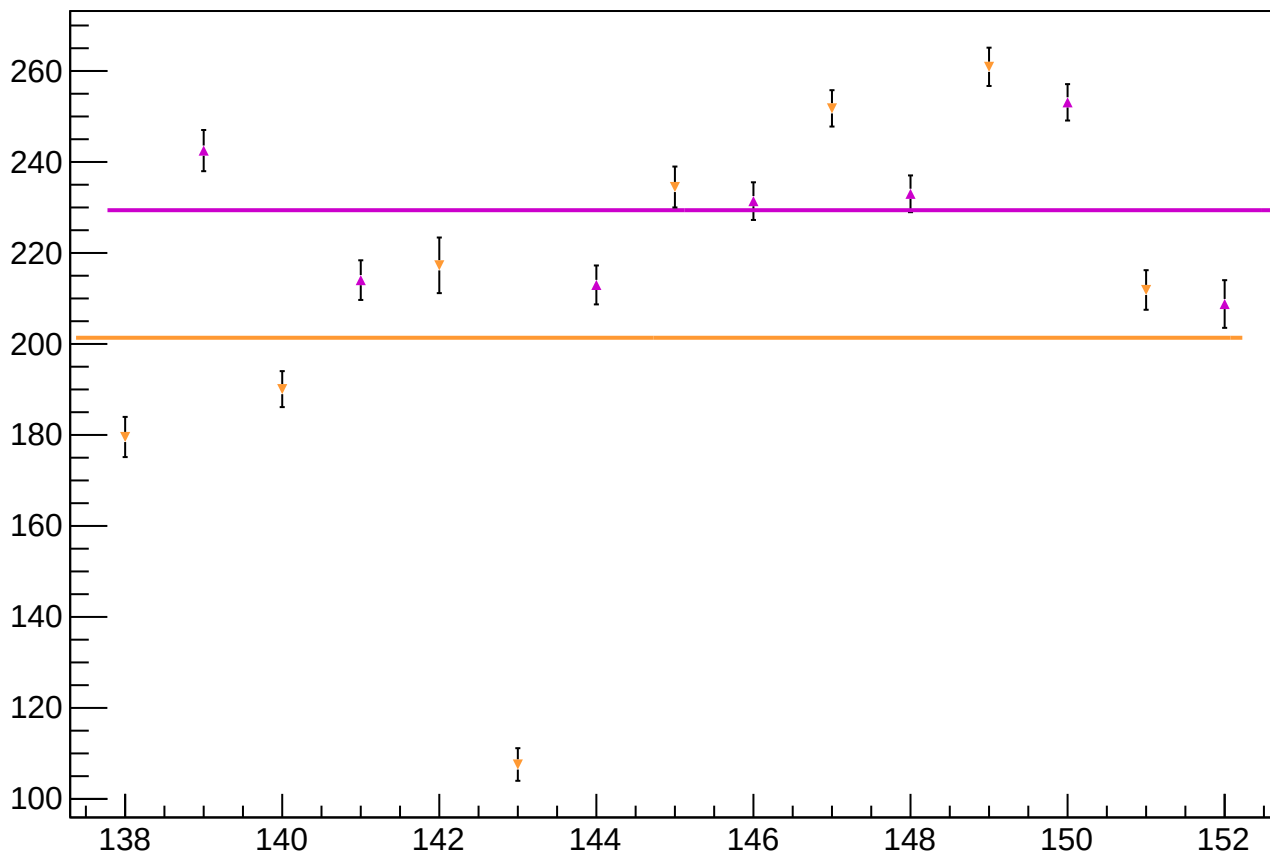
Right: 92.024 $\pm$ 0.050 χ^2 /NDF: 326563.7/35

In: 119.474 $\pm$ 0.053 χ^2 /NDF: 295649.3/23

Out: 103.706 $\pm$ 0.050 χ^2 /NDF: 881454.8/26

All: 111.231 $\pm$ 0.036 χ^2 /NDF: 1223679.9/50

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: 201.363+/-1.506 χ^2/NDF :1143.3/7

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: 214.240+/-1.107 χ^2/NDF : 1389.8/14

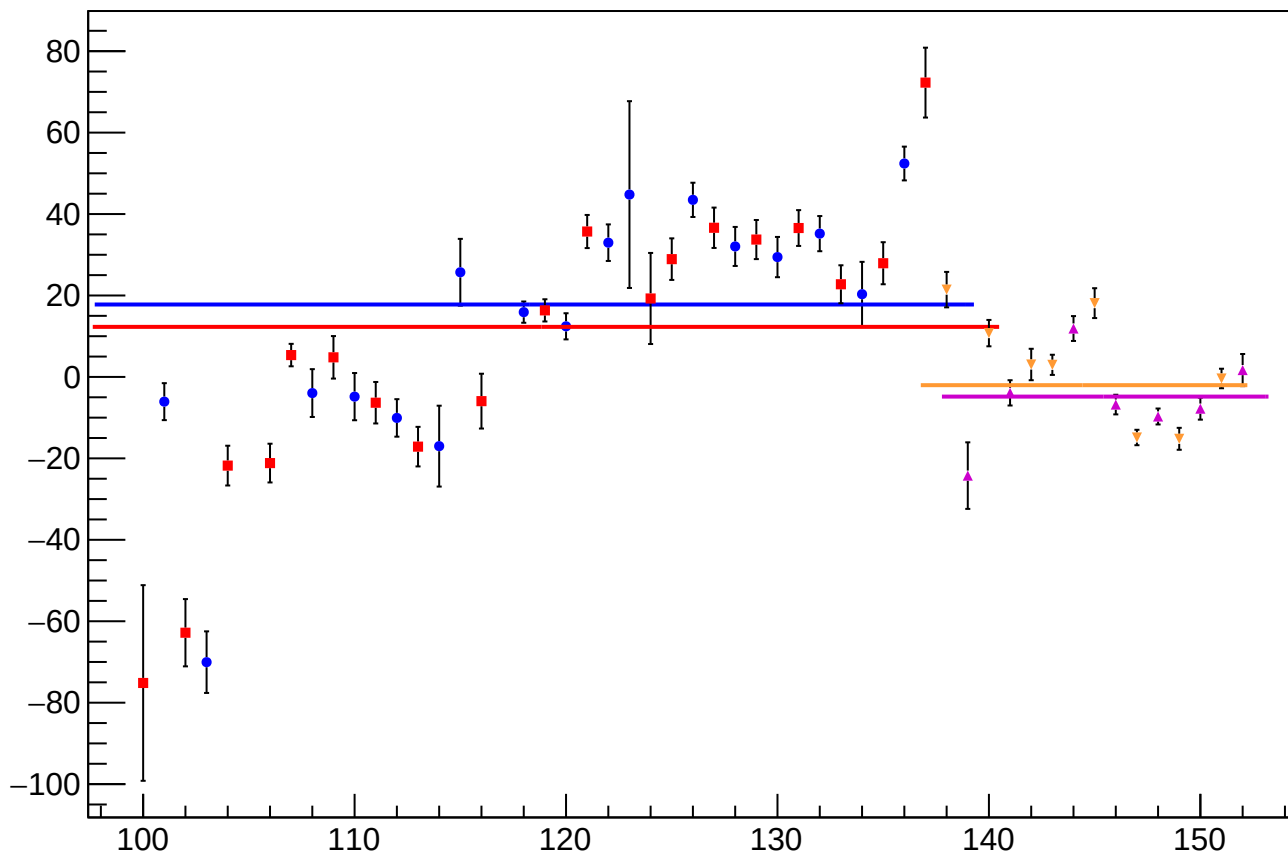
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.401+/-1.634 χ^2/NDF :87.2/6

Out: 201.363+/-1.506 χ^2/NDF :1143.3/7

All: 214.240+/-1.107 χ^2/NDF : 1389.8/14

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 ± 0.979 $\chi^2/\text{NDF}: 151.0/7$

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: -3.292 ± 0.725 $\chi^2/\text{NDF}: 201.3/14$

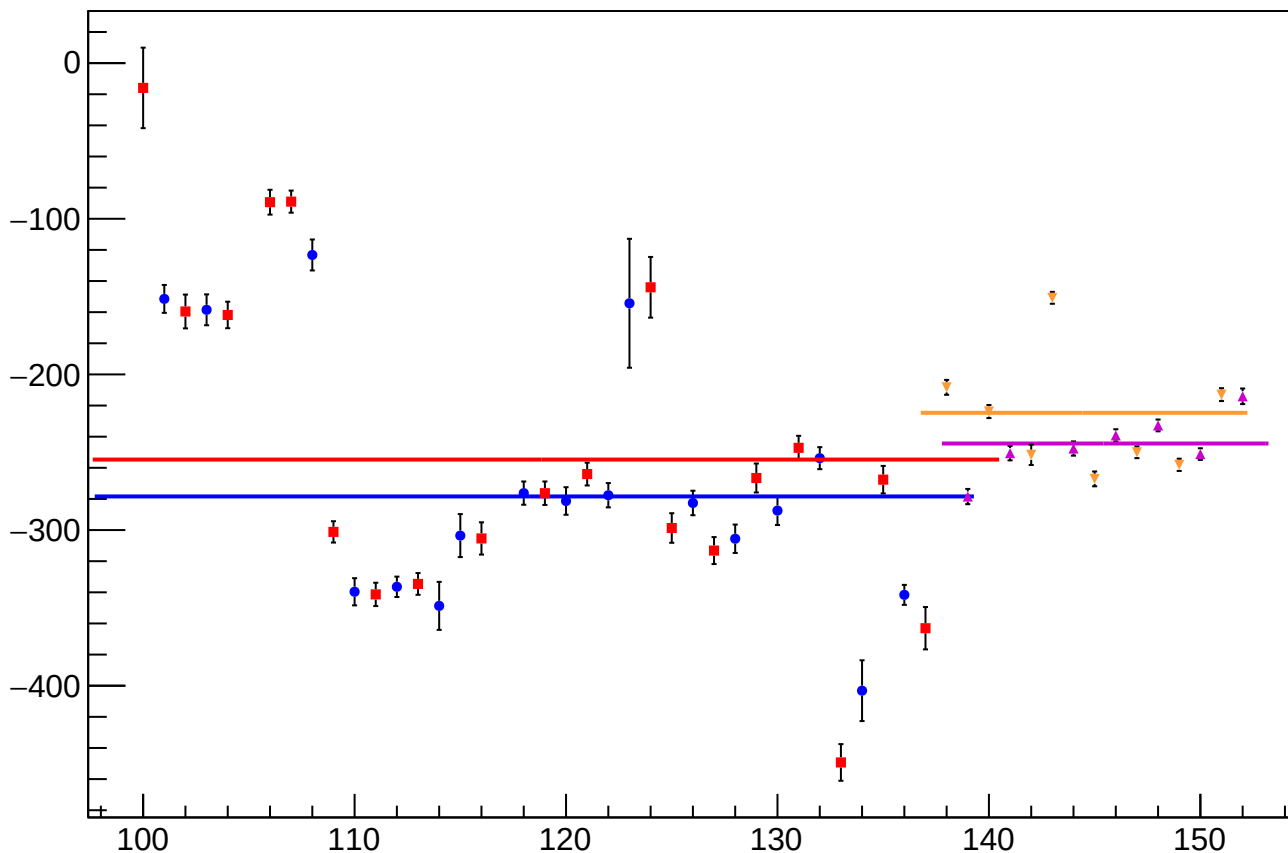
Right: 14.891 ± 0.788 $\chi^2/\text{NDF}: 850.9/35$

In: 5.784 ± 0.785 $\chi^2/\text{NDF}: 648.2/23$

Out: 4.395 ± 0.727 $\chi^2/\text{NDF}: 690.6/26$

All: 5.036 ± 0.534 $\chi^2/\text{NDF}: 1340.5/50$

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: -224.658 ± 1.524 $\chi^2/\text{NDF}: 607.4/7$

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: -233.919 ± 1.110 $\chi^2/\text{NDF}: 787.7/14$

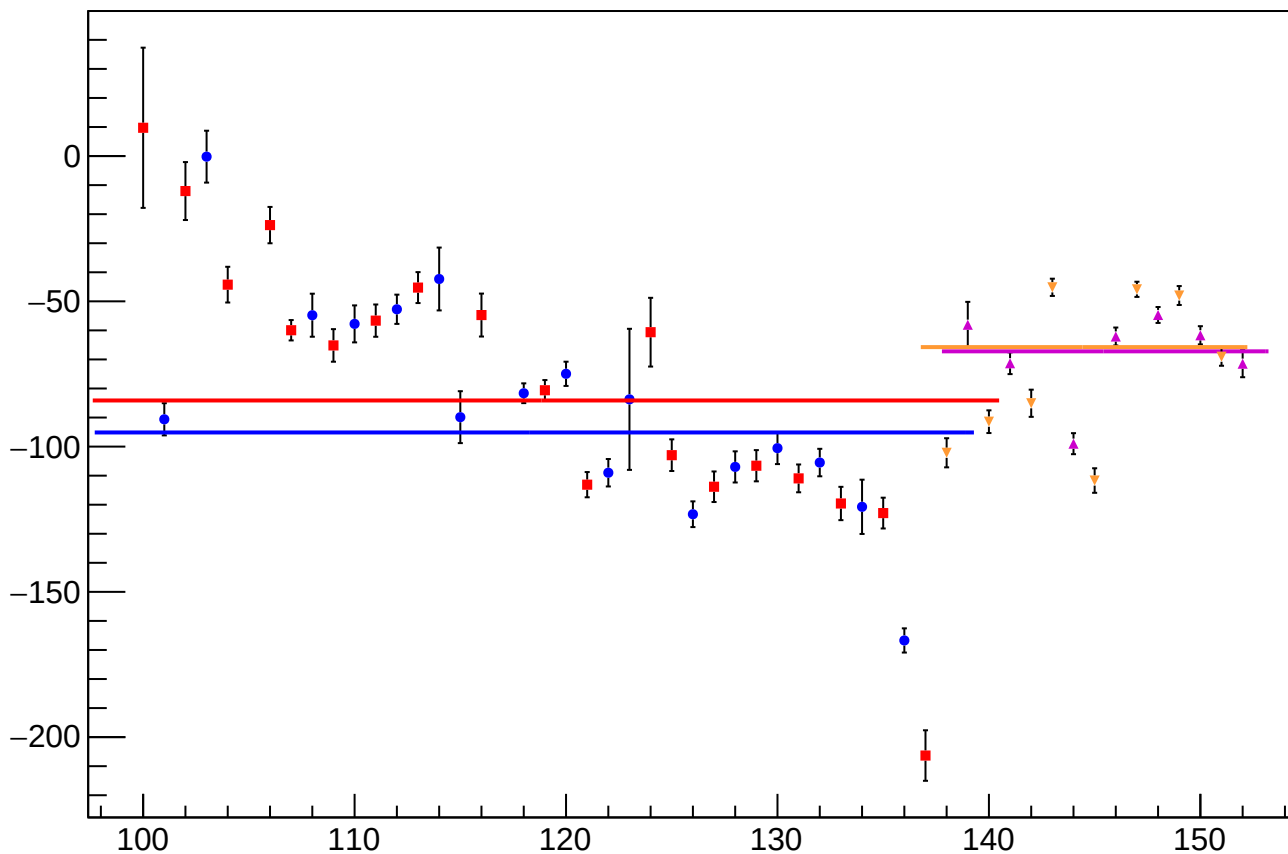
Right: -265.715 ± 1.478 $\chi^2/\text{NDF}: 3013.0/35$

In: -256.577 ± 1.298 $\chi^2/\text{NDF}: 1170.1/23$

Out: -235.558 ± 1.217 $\chi^2/\text{NDF}: 2786.9/26$

All: -245.390 ± 0.888 $\chi^2/\text{NDF}: 4096.6/50$

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: -65.756 ± 1.227 $\chi^2/\text{NDF}: 368.1/7$

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: -66.416 ± 0.907 $\chi^2/\text{NDF}: 476.0/14$

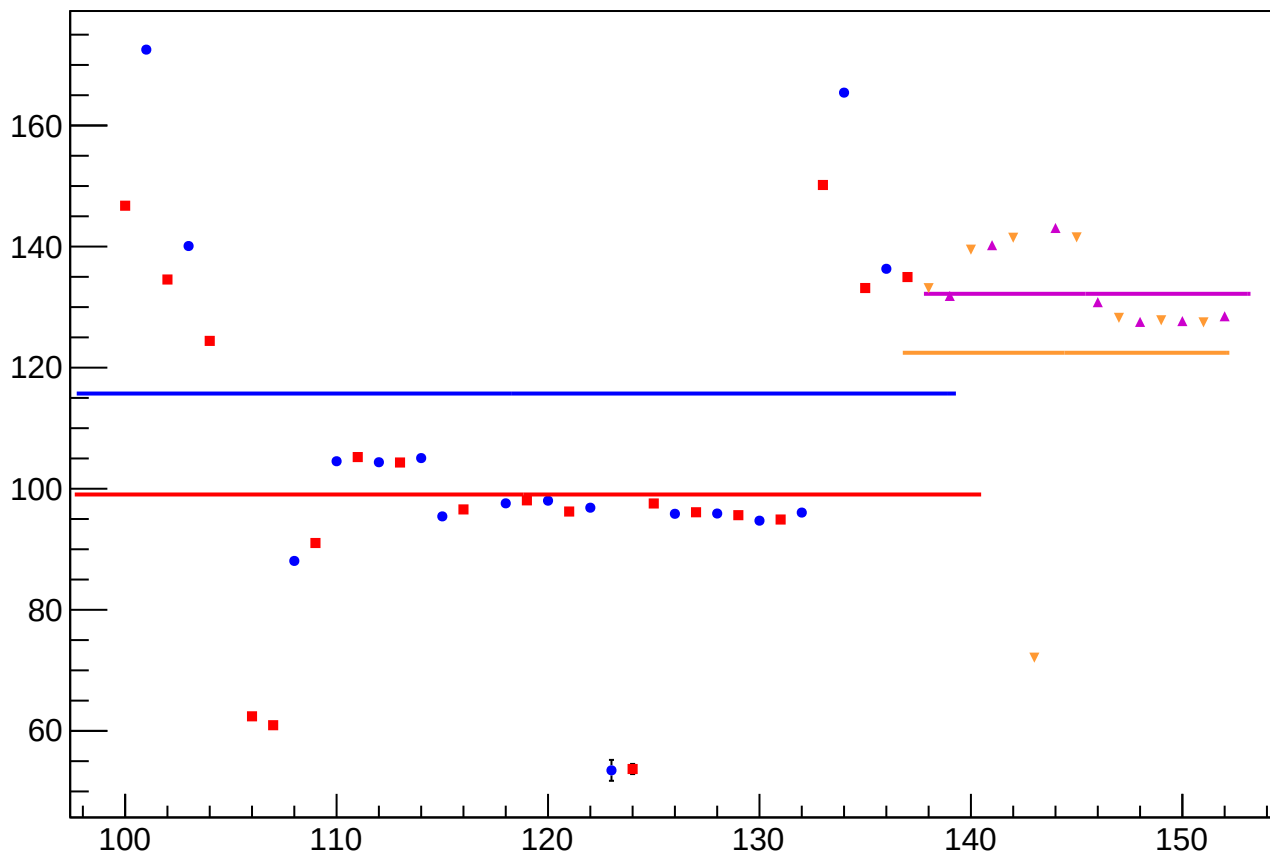
Right: -89.357 ± 0.912 $\chi^2/\text{NDF}: 1494.2/35$

In: -81.439 ± 0.944 $\chi^2/\text{NDF}: 1000.8/23$

Out: -74.707 ± 0.879 $\chi^2/\text{NDF}: 1260.1/26$

All: -77.832 ± 0.643 $\chi^2/\text{NDF}: 2288.2/50$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 122.459 $\pm$ 0.065 χ^2 /NDF:137916.6/7

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

Left In: 132.198 $\pm$ 0.068 χ^2 /NDF:6825.5/6

Left: 127.106 $\pm$ 0.047 χ^2 /NDF: 155611.5/14

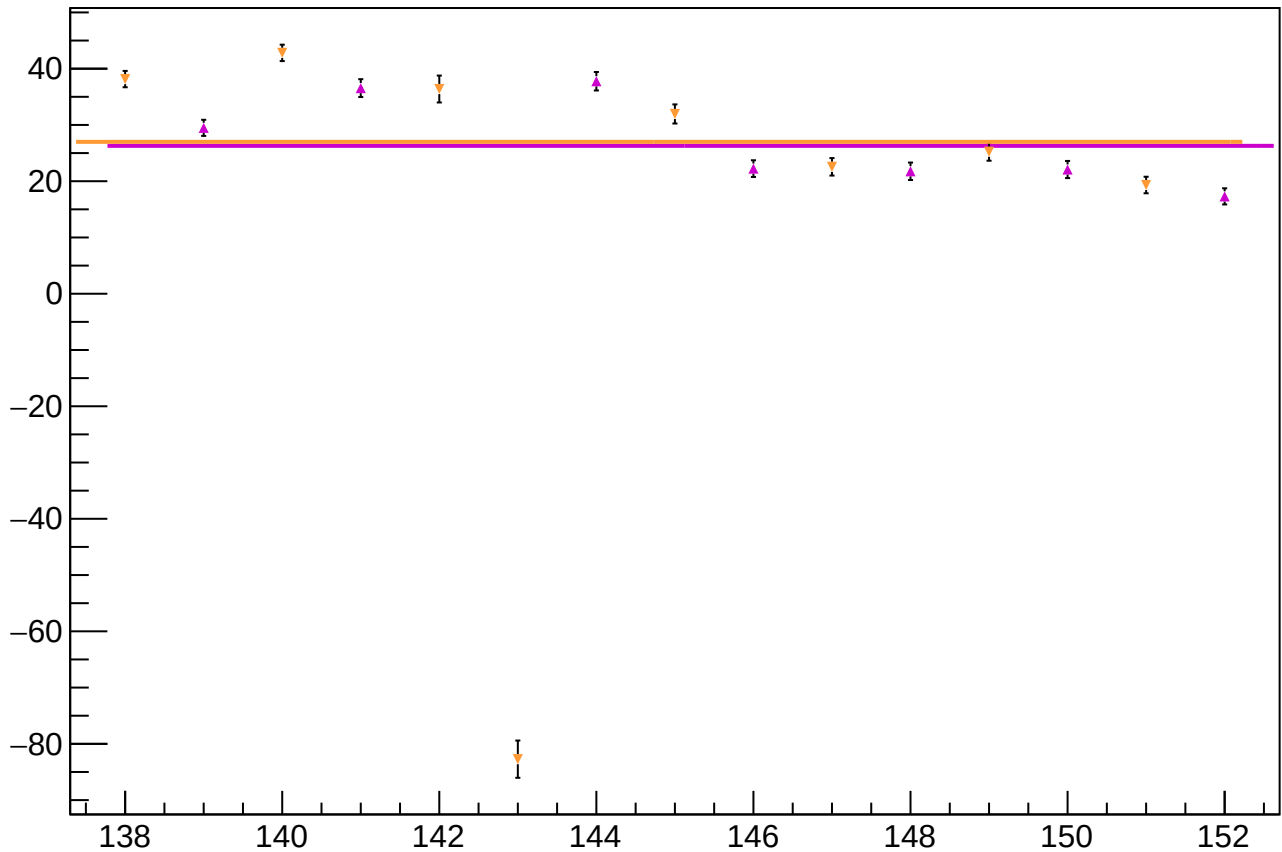
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 125.136 $\pm$ 0.051 χ^2 /NDF:138712.7/23

Out: 111.453 $\pm$ 0.047 χ^2 /NDF:373254.0/26

All: 117.725 $\pm$ 0.035 χ^2 /NDF: 550865.5/50

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: 26.997+/-0.595 χ^2/NDF :1335.5/7

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: 26.629+/-0.413 χ^2/NDF : 1494.6/14

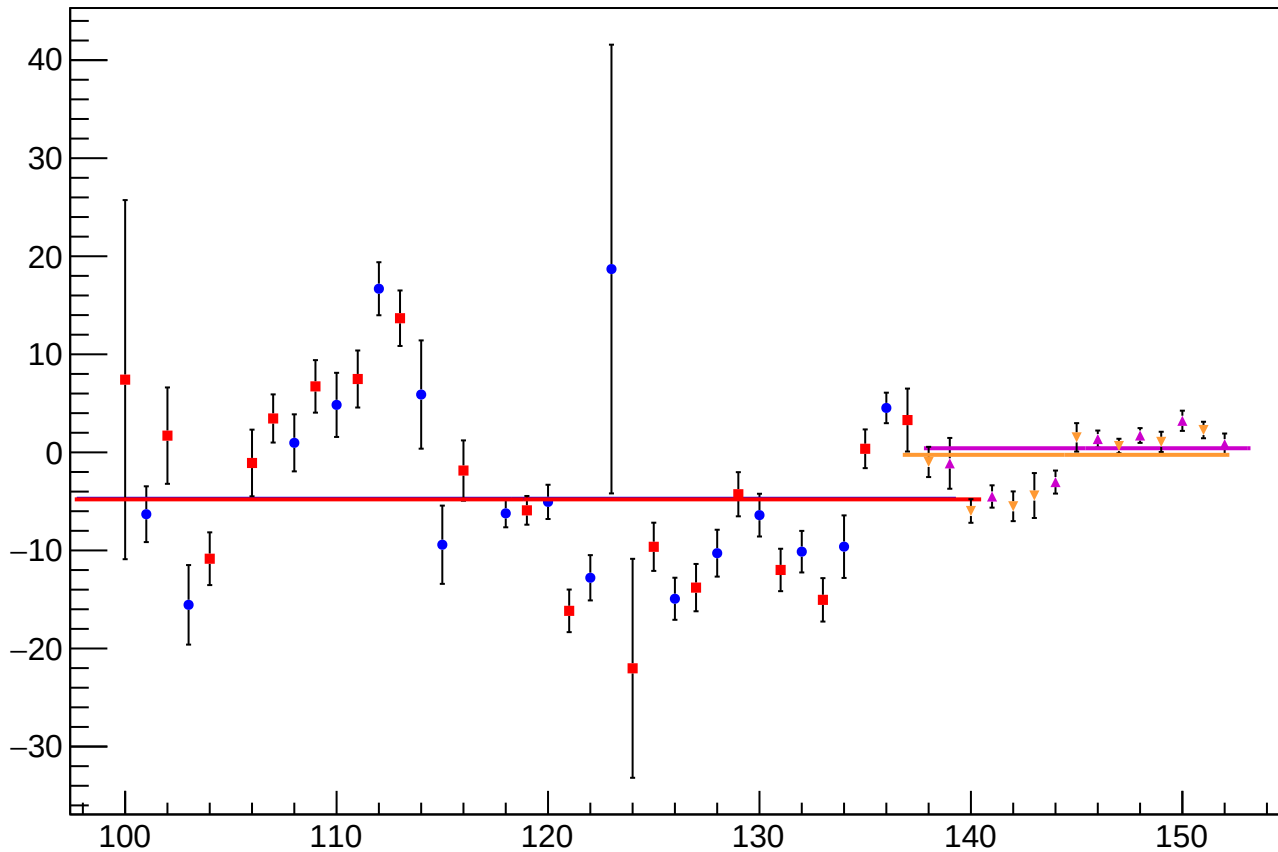
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.287+/-0.573 χ^2/NDF :158.3/6

Out: 26.997+/-0.595 χ^2/NDF :1335.5/7

All: 26.629+/-0.413 χ^2/NDF : 1494.6/14

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.252 ± 0.395 χ^2/NDF : 51.8/7

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: 0.421 ± 0.391 χ^2/NDF : 39.4/6

Left: 0.088 ± 0.278 χ^2/NDF : 92.6/14

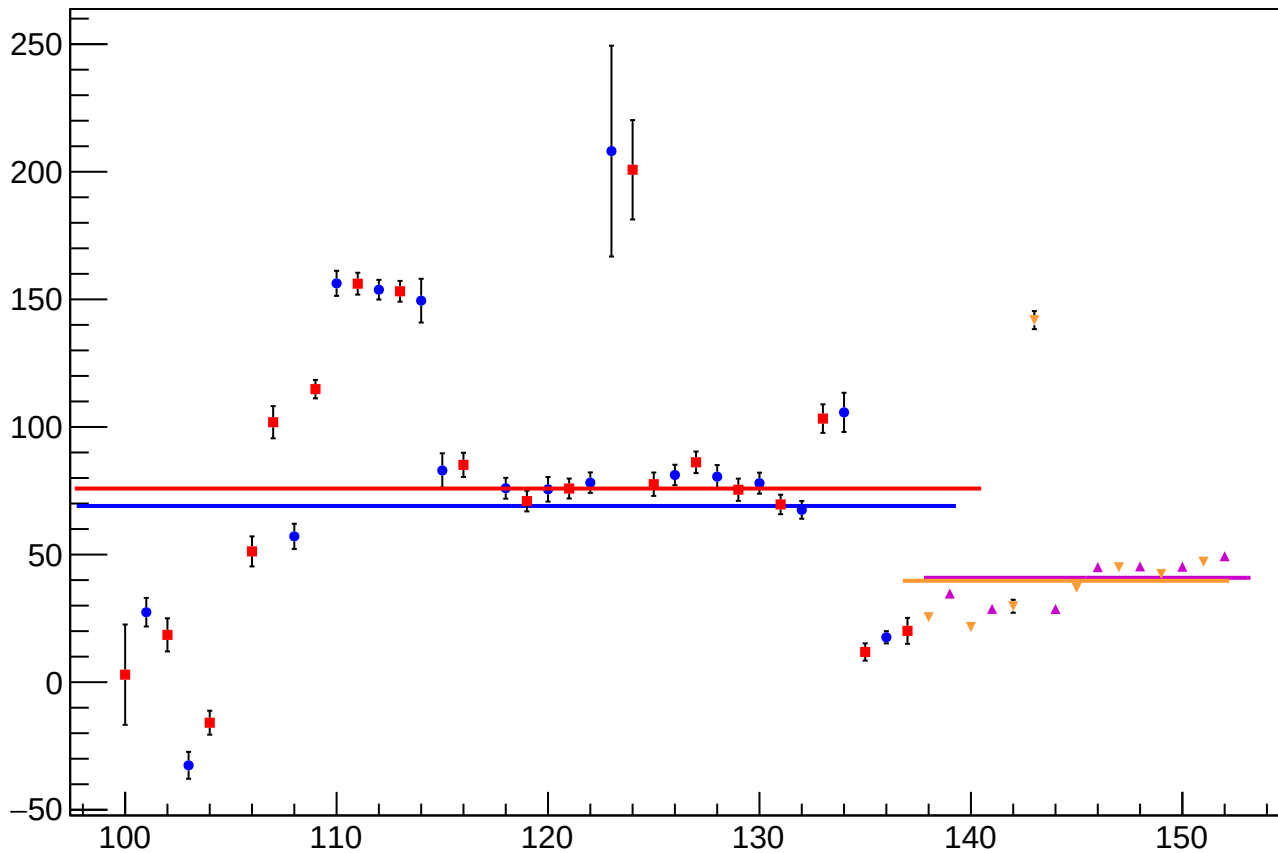
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -1.193 ± 0.324 χ^2/NDF : 268.4/23

Out: -1.672 ± 0.328 χ^2/NDF : 286.6/26

All: -1.430 ± 0.230 χ^2/NDF : 556.1/50

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 ± 1.077 $\chi^2/\text{NDF}: 1847.9/16$

Left Out: 39.725 ± 0.598 $\chi^2/\text{NDF}: 1115.4/7$

Right Out: 75.878 ± 1.069 $\chi^2/\text{NDF}: 1895.0/18$

Left In: 40.900 ± 0.570 $\chi^2/\text{NDF}: 181.3/6$

Left: 40.341 ± 0.413 $\chi^2/\text{NDF}: 1298.7/14$

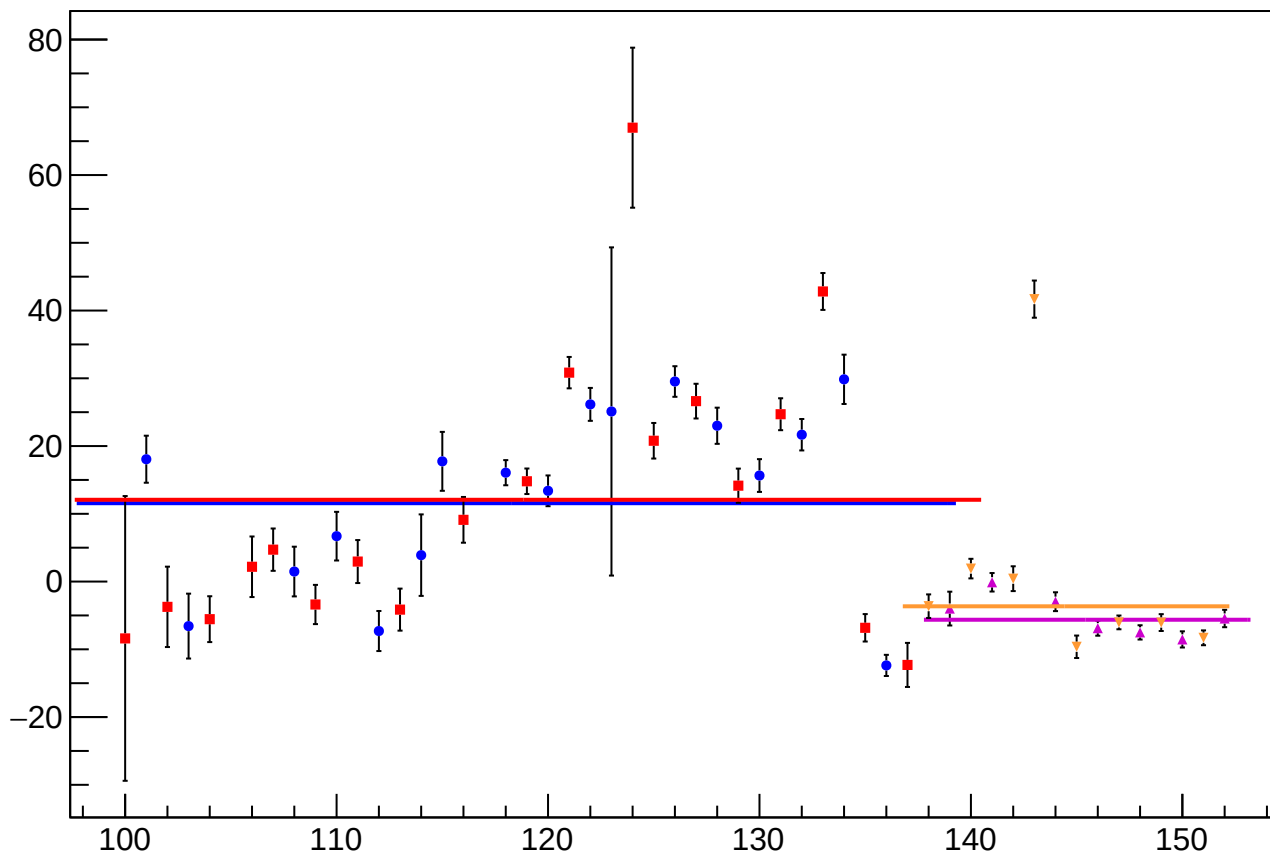
Right: 72.486 ± 0.759 $\chi^2/\text{NDF}: 3763.1/35$

In: 47.057 ± 0.504 $\chi^2/\text{NDF}: 2563.1/23$

Out: 48.342 ± 0.522 $\chi^2/\text{NDF}: 3880.7/26$

All: 47.676 ± 0.362 $\chi^2/\text{NDF}: 6447.0/50$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 ± 0.658 $\chi^2/\text{NDF}: 478.2/16$

Left Out: -3.653 ± 0.496 $\chi^2/\text{NDF}: 333.2/7$

Right Out: 12.071 ± 0.665 $\chi^2/\text{NDF}: 543.3/18$

Left In: -5.635 ± 0.486 $\chi^2/\text{NDF}: 30.8/6$

Left: -4.665 ± 0.347 $\chi^2/\text{NDF}: 372.2/14$

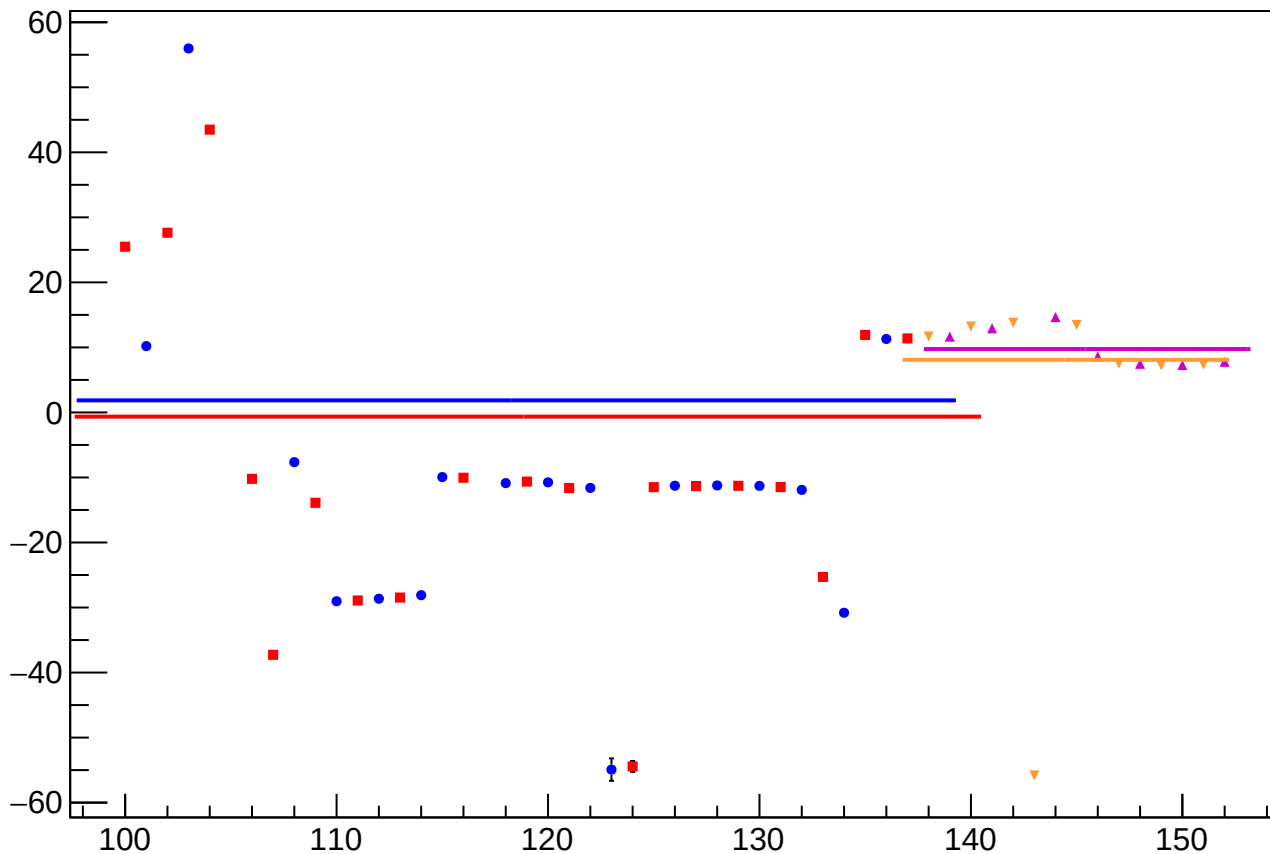
Right: 11.816 ± 0.468 $\chi^2/\text{NDF}: 1021.8/35$

In: 0.434 ± 0.391 $\chi^2/\text{NDF}: 950.9/23$

Out: 1.980 ± 0.398 $\chi^2/\text{NDF}: 1235.9/26$

All: 1.194 ± 0.279 $\chi^2/\text{NDF}: 2194.5/50$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 $\pm$ 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.091 $\pm$ 0.025 χ^2/NDF :222422.3/7

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361625.7/18

Left In: 9.751 $\pm$ 0.024 χ^2/NDF :12028.8/6

Left: 8.982 $\pm$ 0.017 χ^2/NDF : 236759.9/14

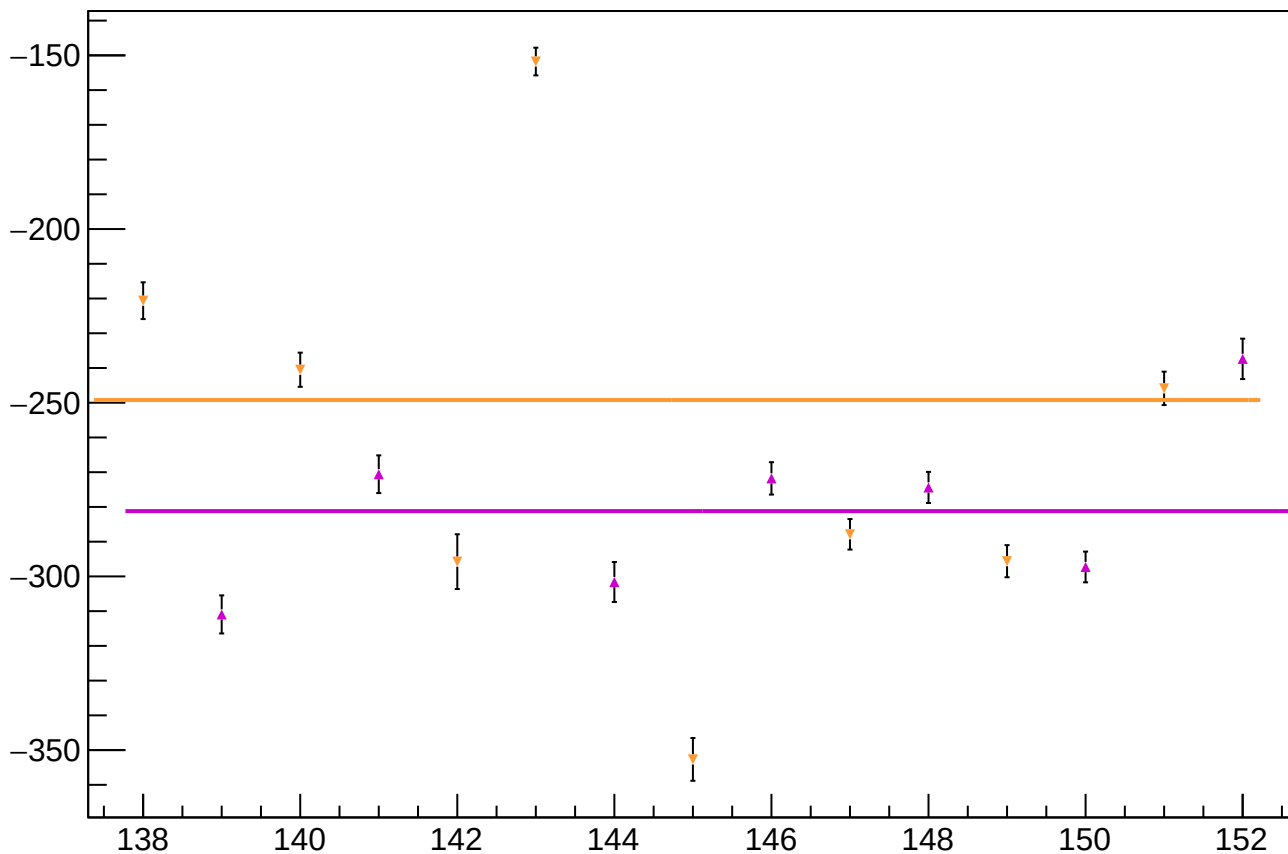
Right: 0.608 $\pm$ 0.026 χ^2/NDF : 723318.4/35

In: 7.479 $\pm$ 0.020 χ^2/NDF :403883.2/23

Out: 5.310 $\pm$ 0.021 χ^2/NDF :621934.2/26

All: 6.451 $\pm$ 0.014 χ^2/NDF : 1031477.5/50

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: -249.224+/-1.757 χ^2/NDF :1124.8/7

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: -263.869+/-1.293 χ^2/NDF : 1398.7/14

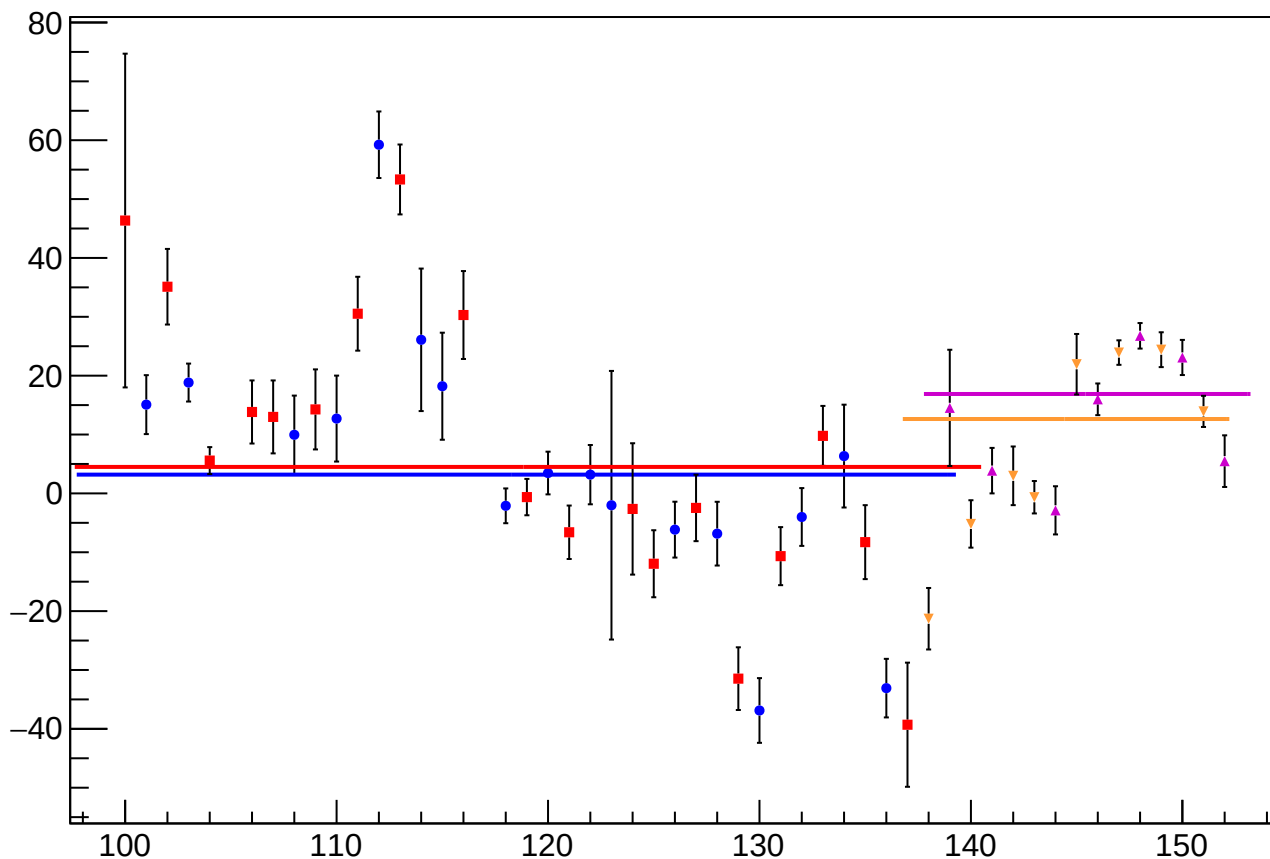
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.196+/-1.911 χ^2/NDF :122.2/6

Out: -249.224+/-1.757 χ^2/NDF :1124.8/7

All: -263.869+/-1.293 χ^2/NDF : 1398.7/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 $\chi^2/\text{NDF}: 255.6/16$

Left Out: 12.638 ± 1.121 $\chi^2/\text{NDF}: 137.5/7$

Right Out: 4.497 ± 1.160 $\chi^2/\text{NDF}: 225.4/18$

Left In: 16.888 ± 1.239 $\chi^2/\text{NDF}: 66.7/6$

Left: 14.550 ± 0.831 $\chi^2/\text{NDF}: 210.7/14$

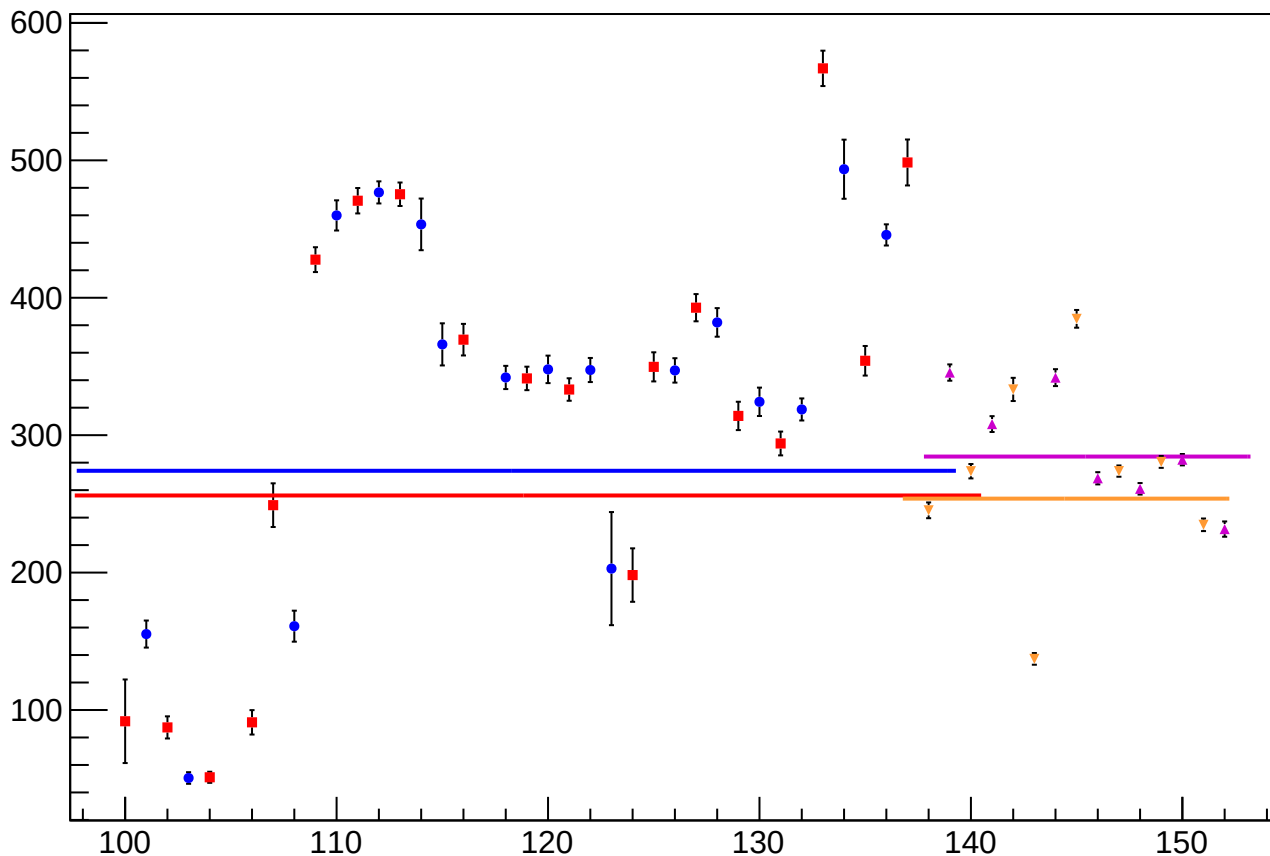
Right: 3.879 ± 0.842 $\chi^2/\text{NDF}: 481.7/35$

In: 9.962 ± 0.871 $\chi^2/\text{NDF}: 384.1/23$

Out: 8.706 ± 0.806 $\chi^2/\text{NDF}: 388.4/26$

All: 9.285 ± 0.592 $\chi^2/\text{NDF}: 773.7/50$

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: 253.821+/-1.766 χ^2/NDF :1345.3/7

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: 268.167+/-1.288 χ^2/NDF : 1830.0/14

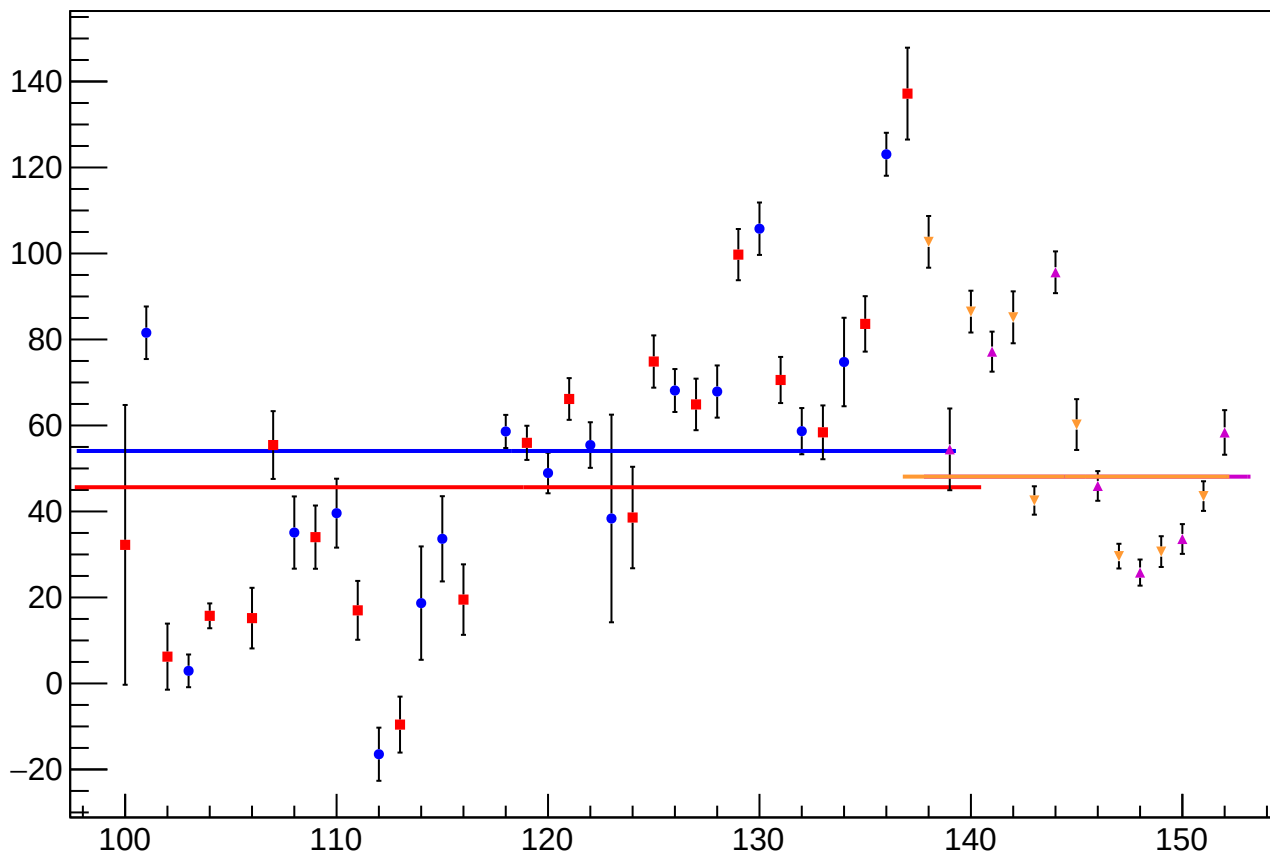
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 280.041+/-1.427 χ^2/NDF :5468.8/23

Out: 254.780+/-1.346 χ^2/NDF :7790.0/26

All: 266.675+/-0.979 χ^2/NDF : 13424.6/50

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: 48.105 $\pm$ 1.412 χ^2 /NDF:256.3/7

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: 48.099 $\pm$ 1.046 χ^2 /NDF: 467.3/14

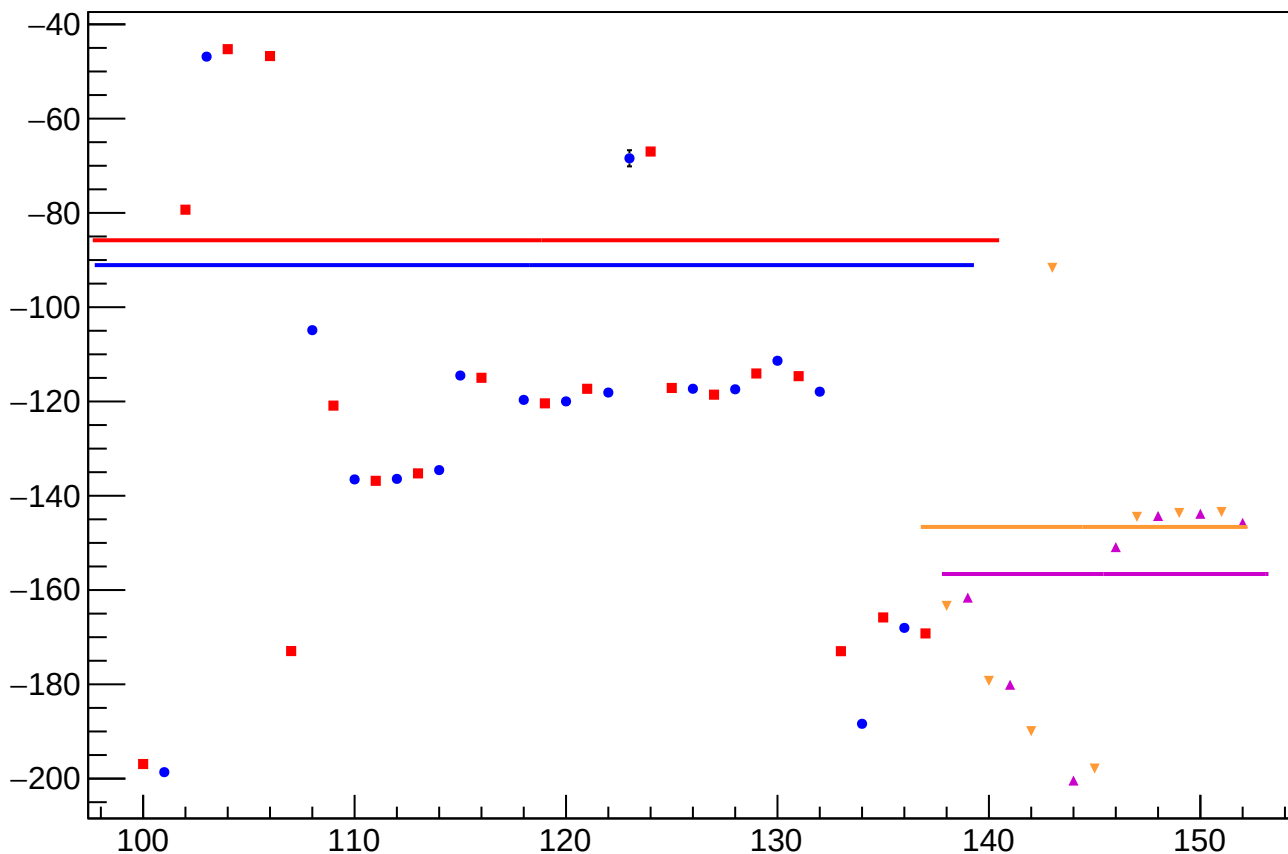
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 51.352 $\pm$ 1.049 χ^2 /NDF:853.5/23

Out: 46.824 $\pm$ 0.979 χ^2 /NDF:788.7/26

All: 48.931 $\pm$ 0.716 χ^2 /NDF: 1652.1/50

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: -146.614 ± 0.075 $\chi^2/\text{NDF}: 186479.3/7$

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: -151.383 ± 0.054 $\chi^2/\text{NDF}: 245135.9/14$

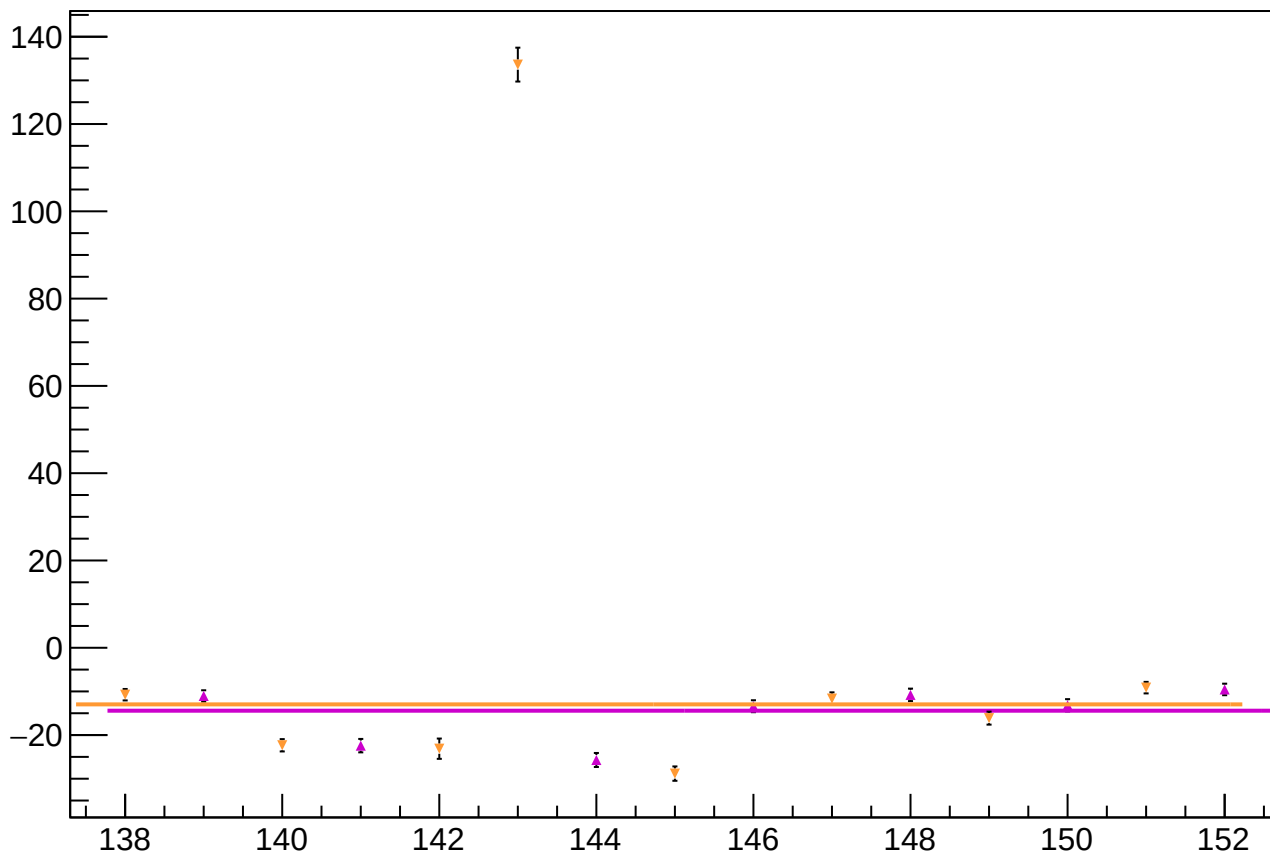
Right: -88.339 ± 0.047 $\chi^2/\text{NDF}: 1033703.0/35$

In: -118.902 ± 0.051 $\chi^2/\text{NDF}: 984730.1/23$

Out: -111.845 ± 0.049 $\chi^2/\text{NDF}: 1056732.5/26$

All: -115.230 ± 0.035 $\chi^2/\text{NDF}: 2051338.2/50$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.969+/-0.558 χ^2/NDF :1598.9/7

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: -13.725+/-0.386 χ^2/NDF : 1707.0/14

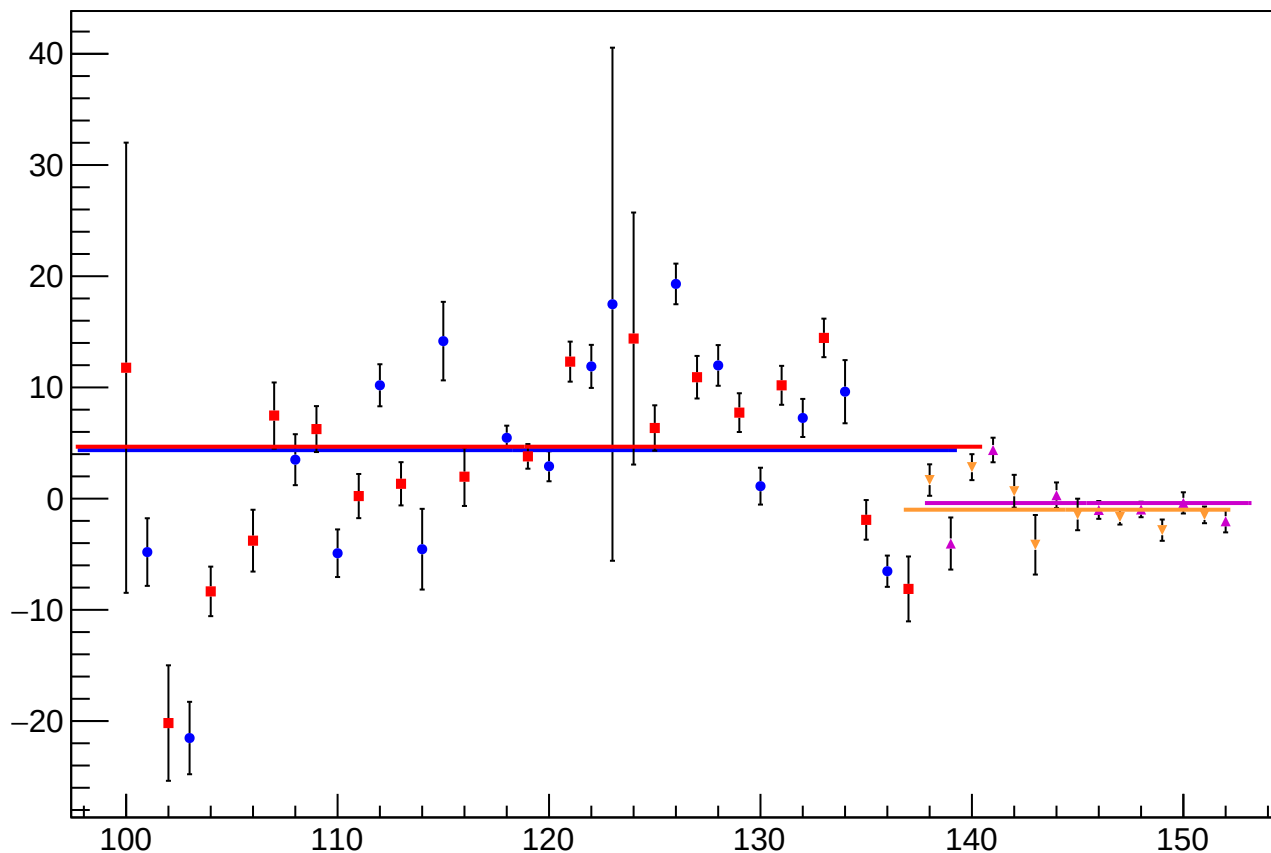
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.419+/-0.534 χ^2/NDF :104.6/6

Out: -12.969+/-0.558 χ^2/NDF :1598.9/7

All: -13.725+/-0.386 χ^2/NDF : 1707.0/14

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: -0.995 ± 0.369 $\chi^2/\text{NDF}: 22.1/7$

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: -0.693 ± 0.260 $\chi^2/\text{NDF}: 48.8/14$

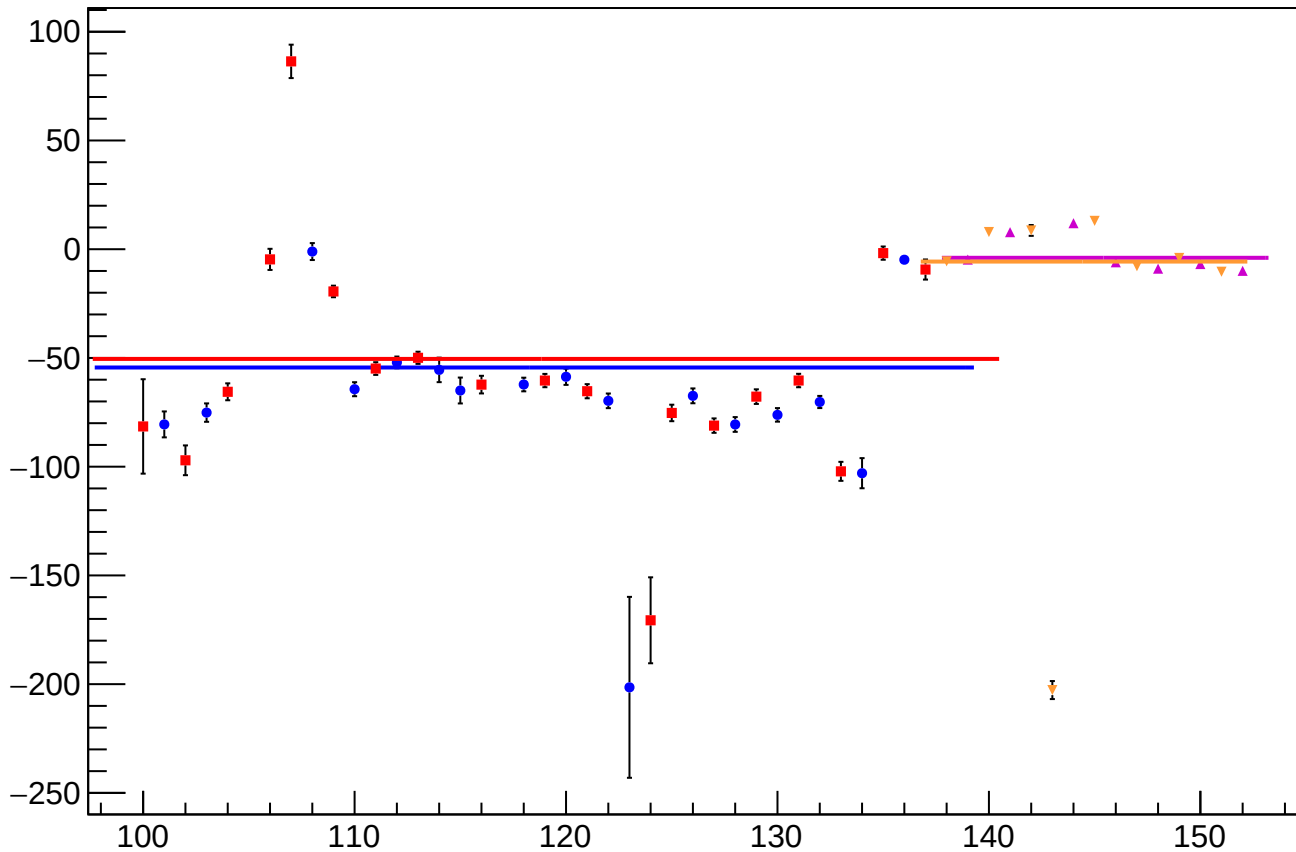
Right: 4.512 ± 0.332 $\chi^2/\text{NDF}: 472.1/35$

In: 1.424 ± 0.287 $\chi^2/\text{NDF}: 376.7/23$

Out: 1.139 ± 0.291 $\chi^2/\text{NDF}: 296.4/26$

All: 1.283 ± 0.204 $\chi^2/\text{NDF}: 673.6/50$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -5.680 ± 0.560 $\chi^2/\text{NDF}: 2513.8/7$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

Left In: -3.948 ± 0.530 $\chi^2/\text{NDF}: 181.3/6$

Left: -4.767 ± 0.385 $\chi^2/\text{NDF}: 2700.2/14$

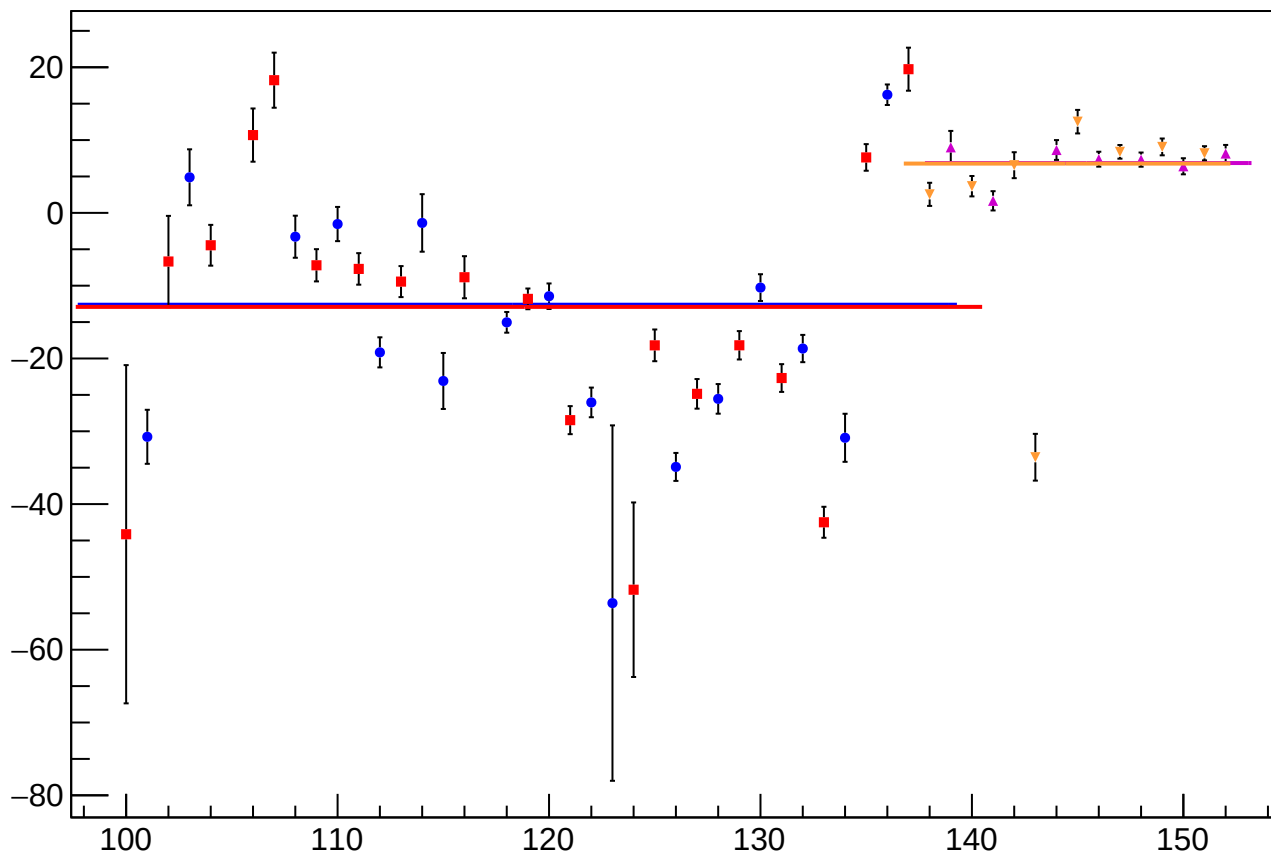
Right: -52.405 ± 0.608 $\chi^2/\text{NDF}: 2348.7/35$

In: -17.780 ± 0.452 $\chi^2/\text{NDF}: 3677.3/23$

Out: -19.051 ± 0.469 $\chi^2/\text{NDF}: 5749.9/26$

All: -18.392 ± 0.325 $\chi^2/\text{NDF}: 9431.0/50$

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: 6.772 ± 0.464 χ^2/NDF : 191.4/7

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: 6.809 ± 0.325 χ^2/NDF : 211.3/14

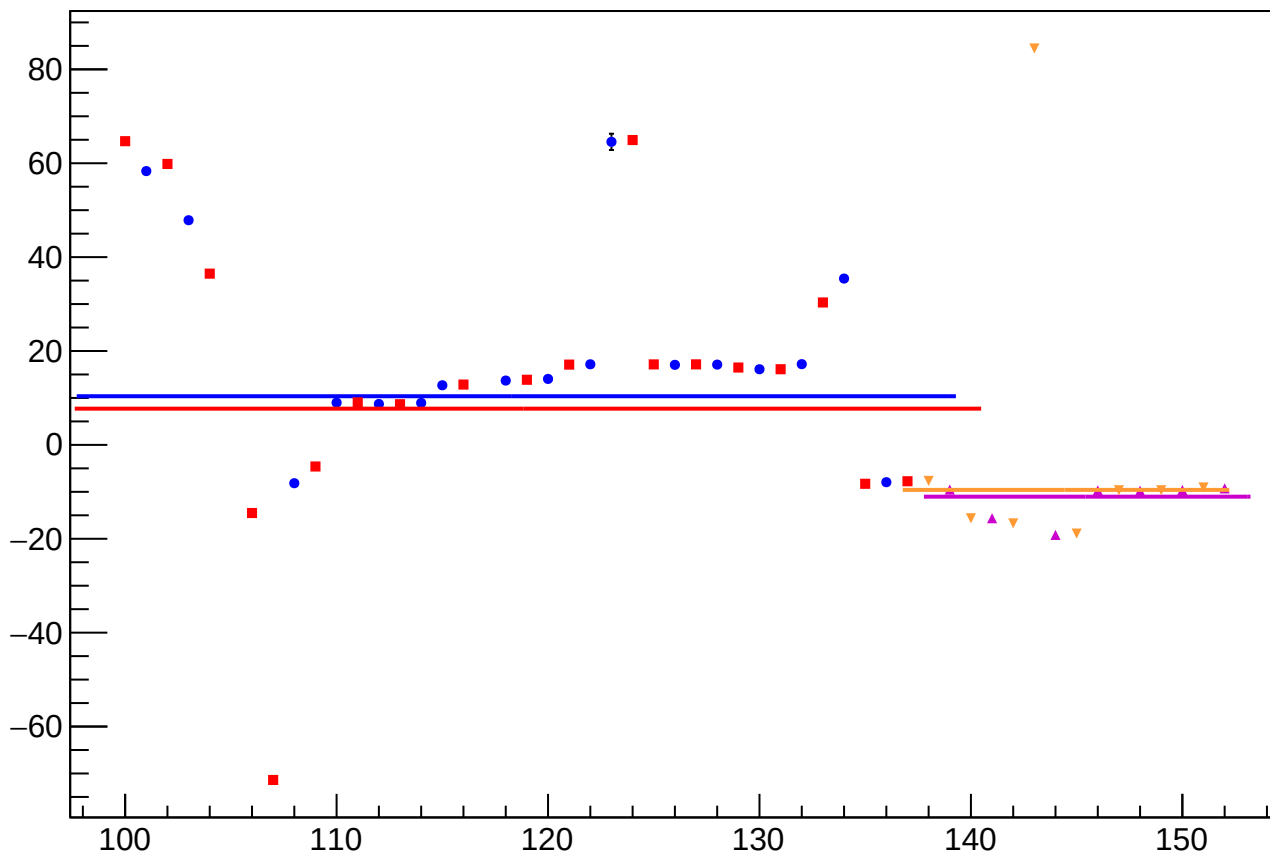
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -1.390 ± 0.345 χ^2/NDF : 1585.4/23

Out: -1.628 ± 0.352 χ^2/NDF : 1688.5/26

All: -1.507 ± 0.246 χ^2/NDF : 3274.0/50

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: -9.589+/-0.024 χ^2/NDF : 354426.8/7

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: -10.369+/-0.016 χ^2/NDF : 376794.0/14

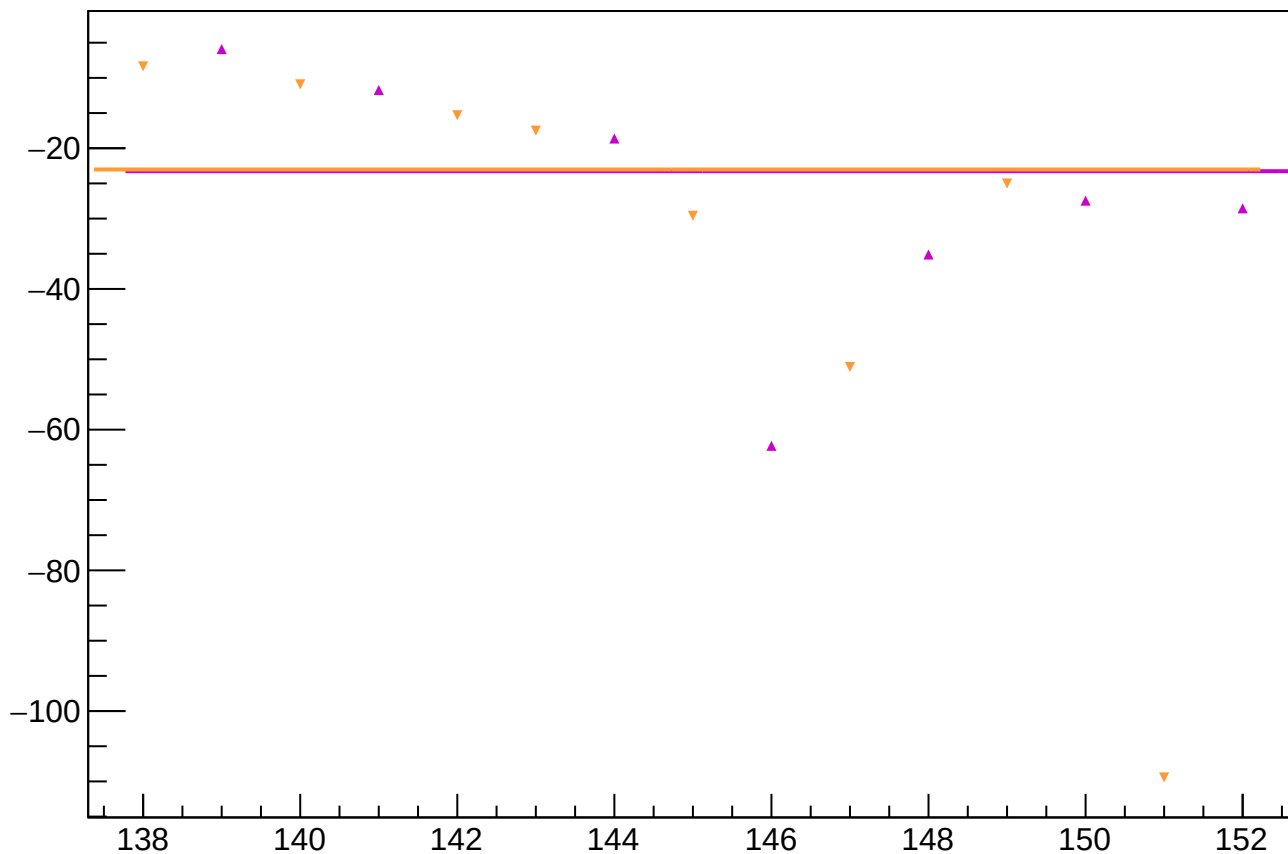
Right: 9.073+/-0.022 χ^2/NDF : 929756.2/35

In: -3.786+/-0.018 χ^2/NDF : 726129.7/23

Out: -3.273+/-0.019 χ^2/NDF : 1094264.6/26

All: -3.545+/-0.013 χ^2/NDF : 1820786.6/50

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: -23.020+/-0.101 χ^2/NDF : 48904.9/7

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: -23.153+/-0.068 χ^2/NDF : 77360.6/14

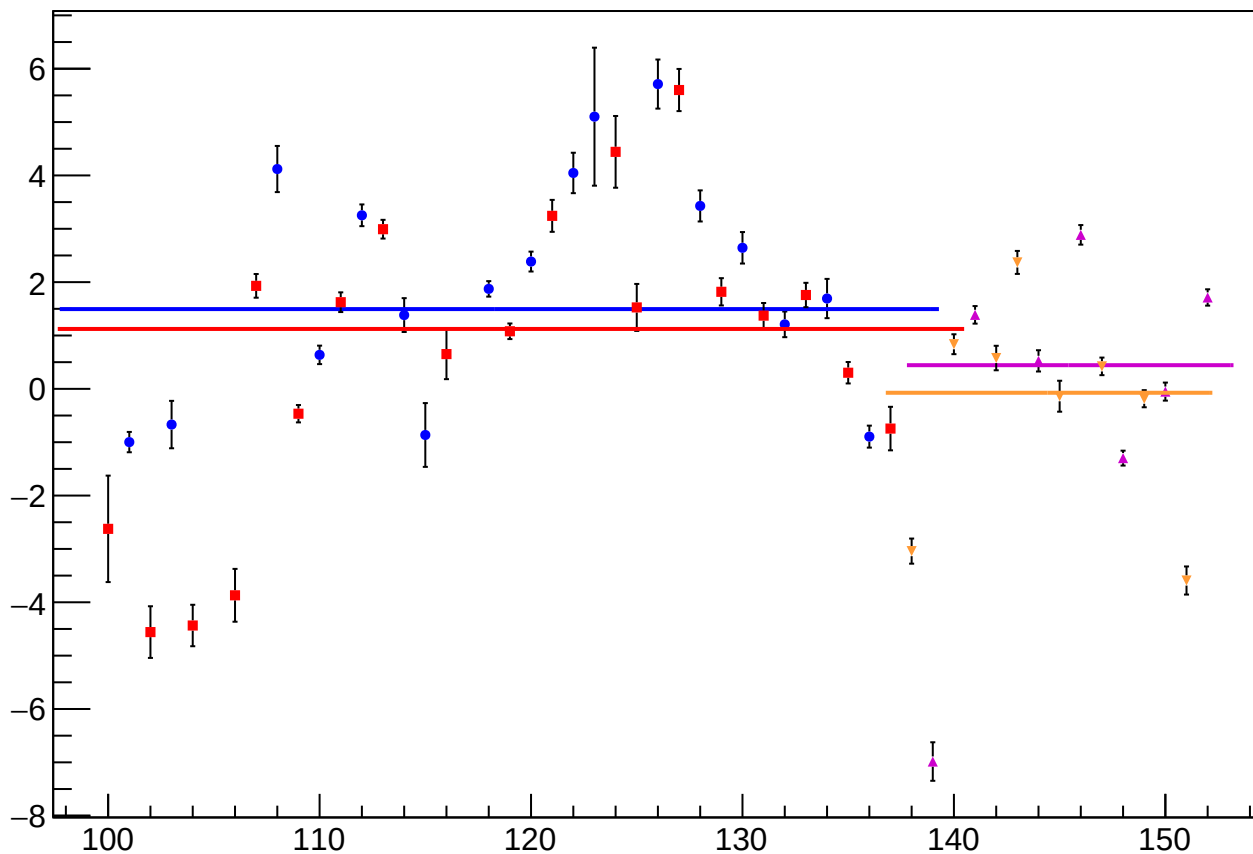
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Out: -23.020+/-0.101 χ^2/NDF : 48904.9/7

All: -23.153+/-0.068 χ^2/NDF : 77360.6/14

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 ± 0.061 $\chi^2/\text{NDF}: 708.8/16$

Left Out: -0.073 ± 0.073 $\chi^2/\text{NDF}: 507.4/7$

Right Out: 1.123 ± 0.058 $\chi^2/\text{NDF}: 946.5/18$

Left In: 0.444 ± 0.066 $\chi^2/\text{NDF}: 866.2/6$

Left: 0.209 ± 0.049 $\chi^2/\text{NDF}: 1401.3/14$

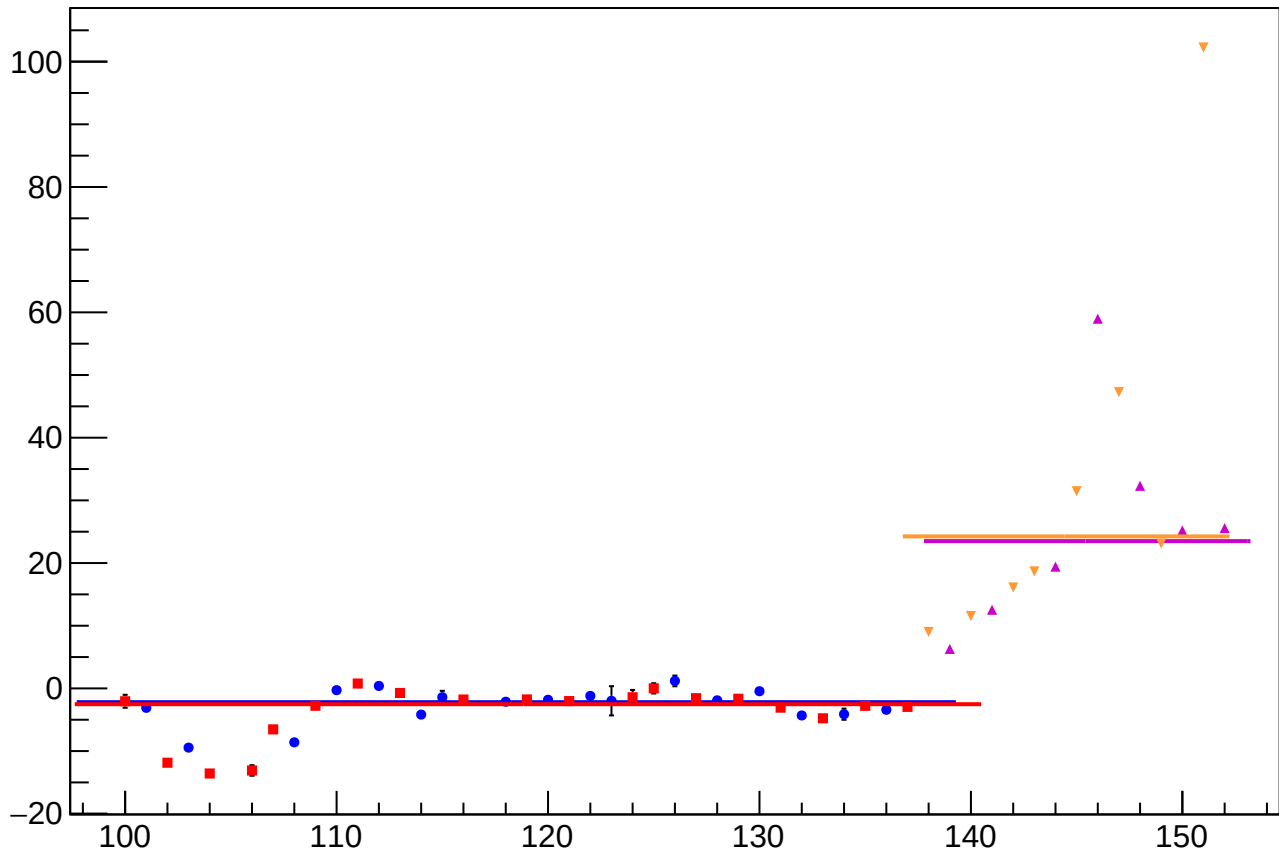
Right: 1.300 ± 0.042 $\chi^2/\text{NDF}: 1674.8/35$

In: 1.011 ± 0.045 $\chi^2/\text{NDF}: 1711.4/23$

Out: 0.655 ± 0.045 $\chi^2/\text{NDF}: 1618.9/26$

All: 0.836 ± 0.032 $\chi^2/\text{NDF}: 3361.4/50$

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: 24.251 ± 0.103 χ^2/NDF : 43471.6/7

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: 23.836 ± 0.069 χ^2/NDF : 67334.1/14

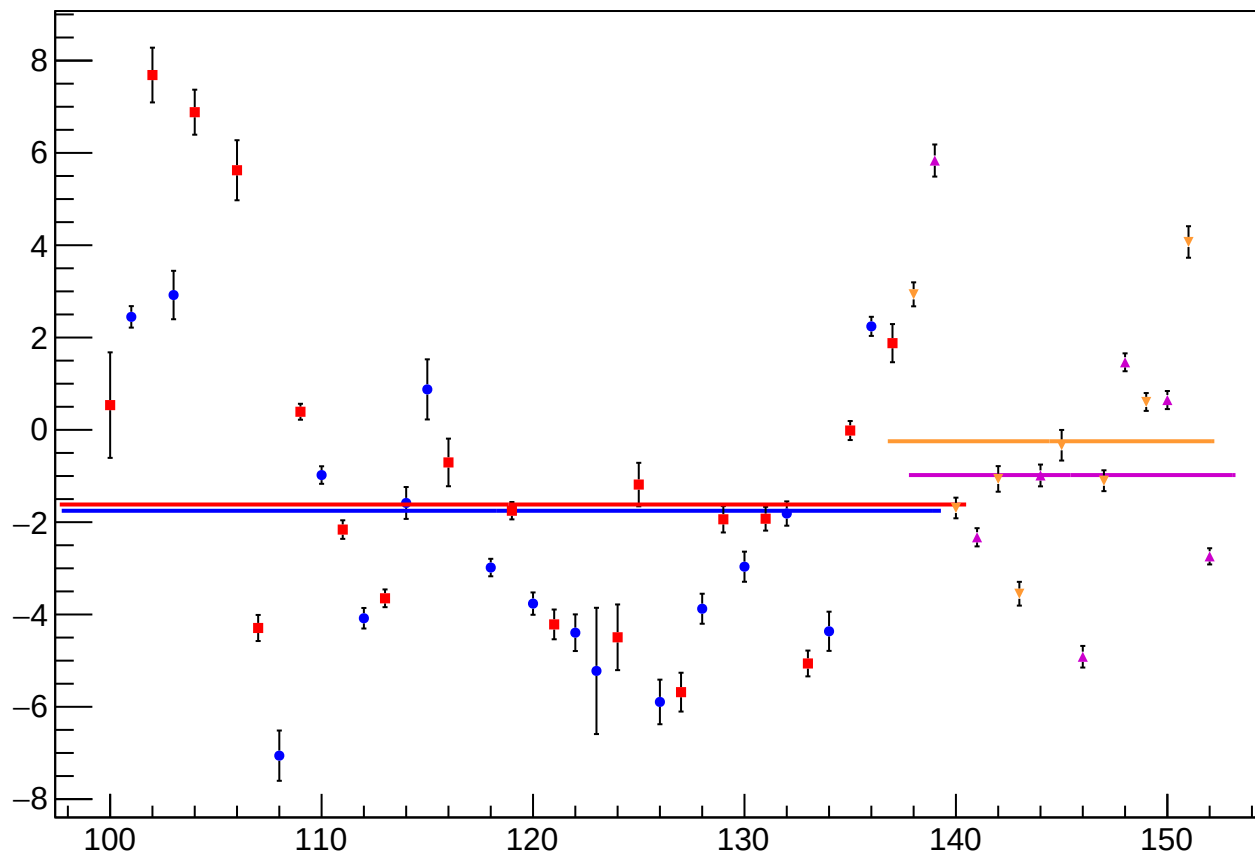
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: 12.856 ± 0.071 χ^2/NDF : 55933.7/23

Out: 10.304 ± 0.071 χ^2/NDF : 79437.8/26

All: 11.585 ± 0.050 χ^2/NDF : 136012.1/50

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: -0.247 ± 0.089 $\chi^2/\text{NDF}: 558.7/7$

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: -0.650 ± 0.060 $\chi^2/\text{NDF}: 1637.3/14$

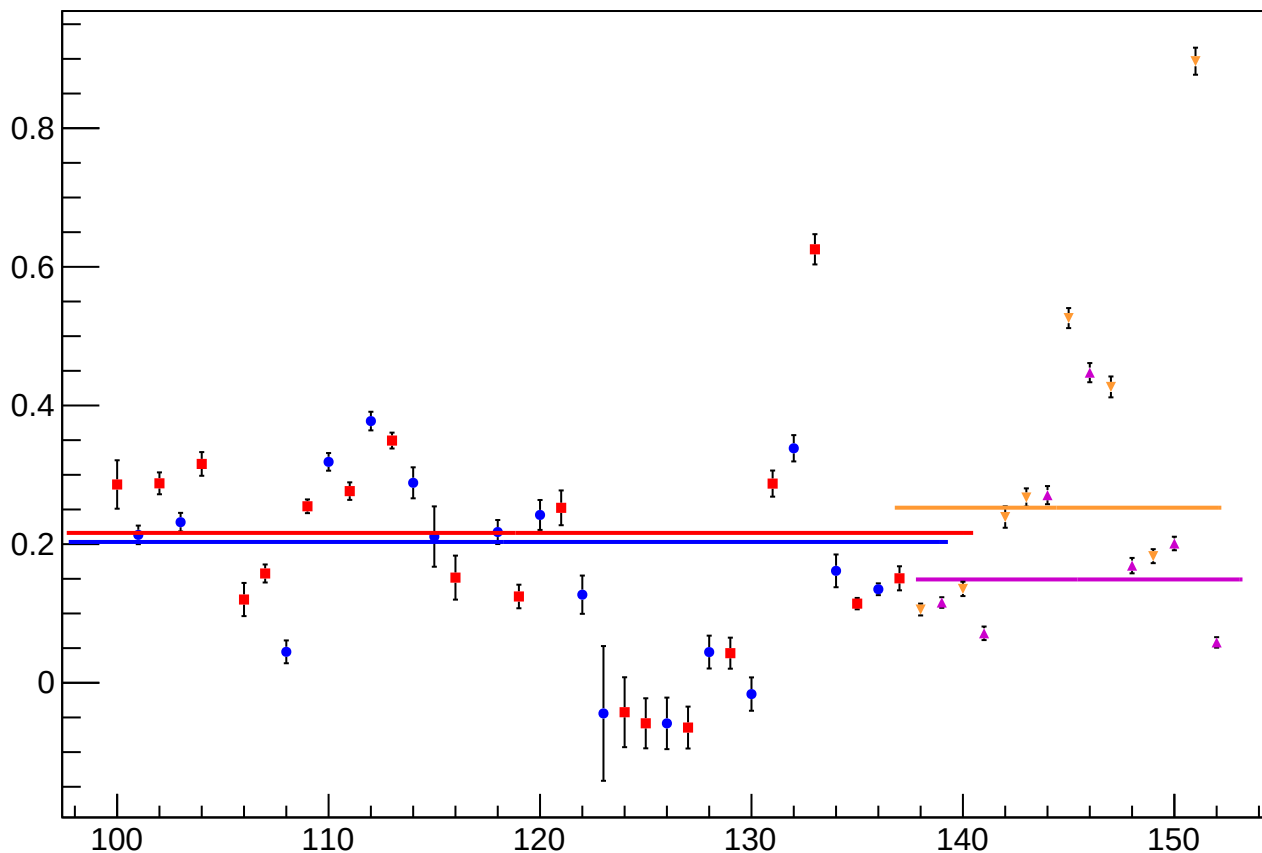
Right: -1.681 ± 0.048 $\chi^2/\text{NDF}: 2834.6/35$

In: -1.417 ± 0.053 $\chi^2/\text{NDF}: 2438.8/23$

Out: -1.132 ± 0.053 $\chi^2/\text{NDF}: 2200.2/26$

All: -1.274 ± 0.037 $\chi^2/\text{NDF}: 4653.5/50$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 $\chi^2/\text{NDF}: 677.2/16$

Left Out: 0.253 ± 0.004 $\chi^2/\text{NDF}: 2054.9/7$

Right Out: 0.216 ± 0.004 $\chi^2/\text{NDF}: 1067.3/18$

Left In: 0.149 ± 0.004 $\chi^2/\text{NDF}: 809.5/6$

Left: 0.193 ± 0.003 $\chi^2/\text{NDF}: 3202.6/14$

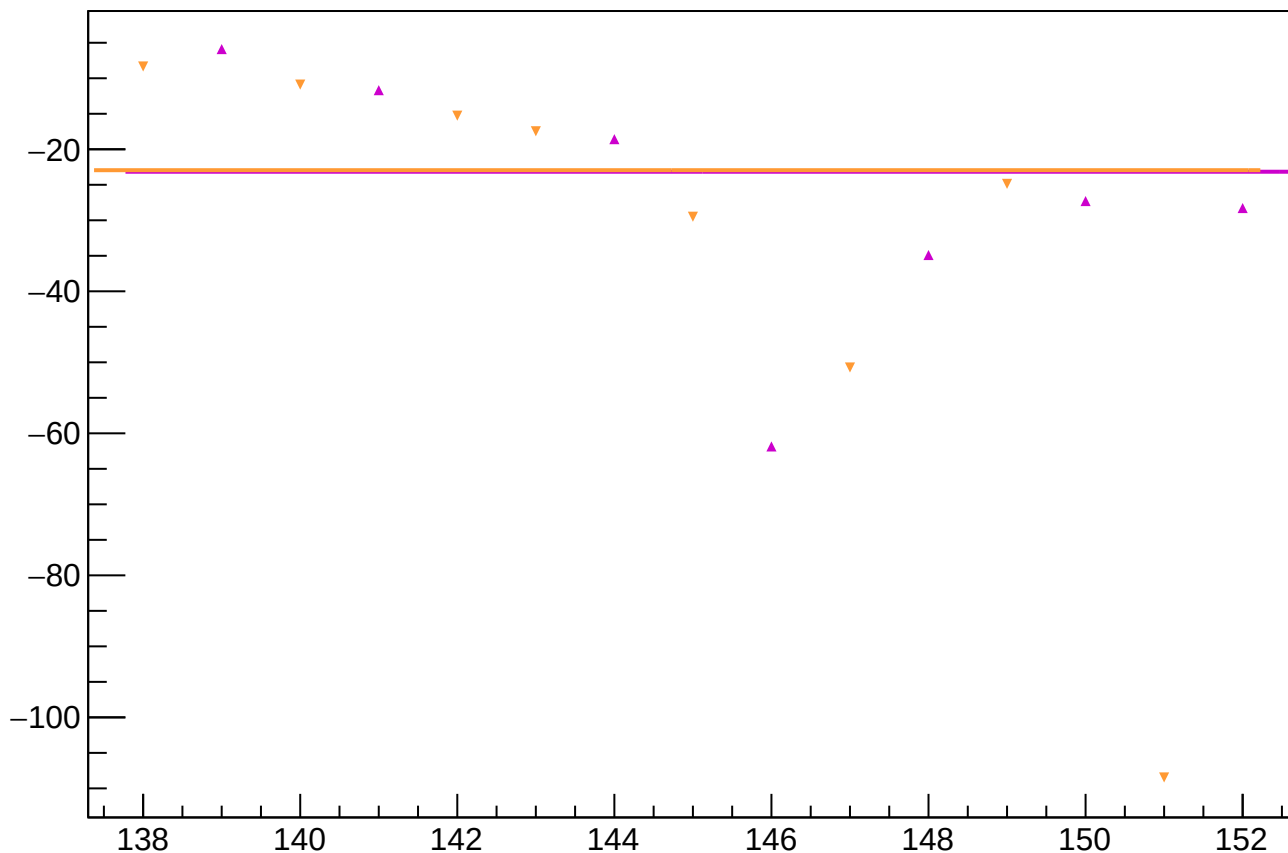
Right: 0.210 ± 0.003 $\chi^2/\text{NDF}: 1750.0/35$

In: 0.173 ± 0.003 $\chi^2/\text{NDF}: 1582.7/23$

Out: 0.232 ± 0.003 $\chi^2/\text{NDF}: 3163.7/26$

All: 0.202 ± 0.002 $\chi^2/\text{NDF}: 4973.0/50$

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: -22.946+/-0.100 χ^2/NDF : 48788.8/7

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: -23.062+/-0.068 χ^2/NDF : 77146.9/14

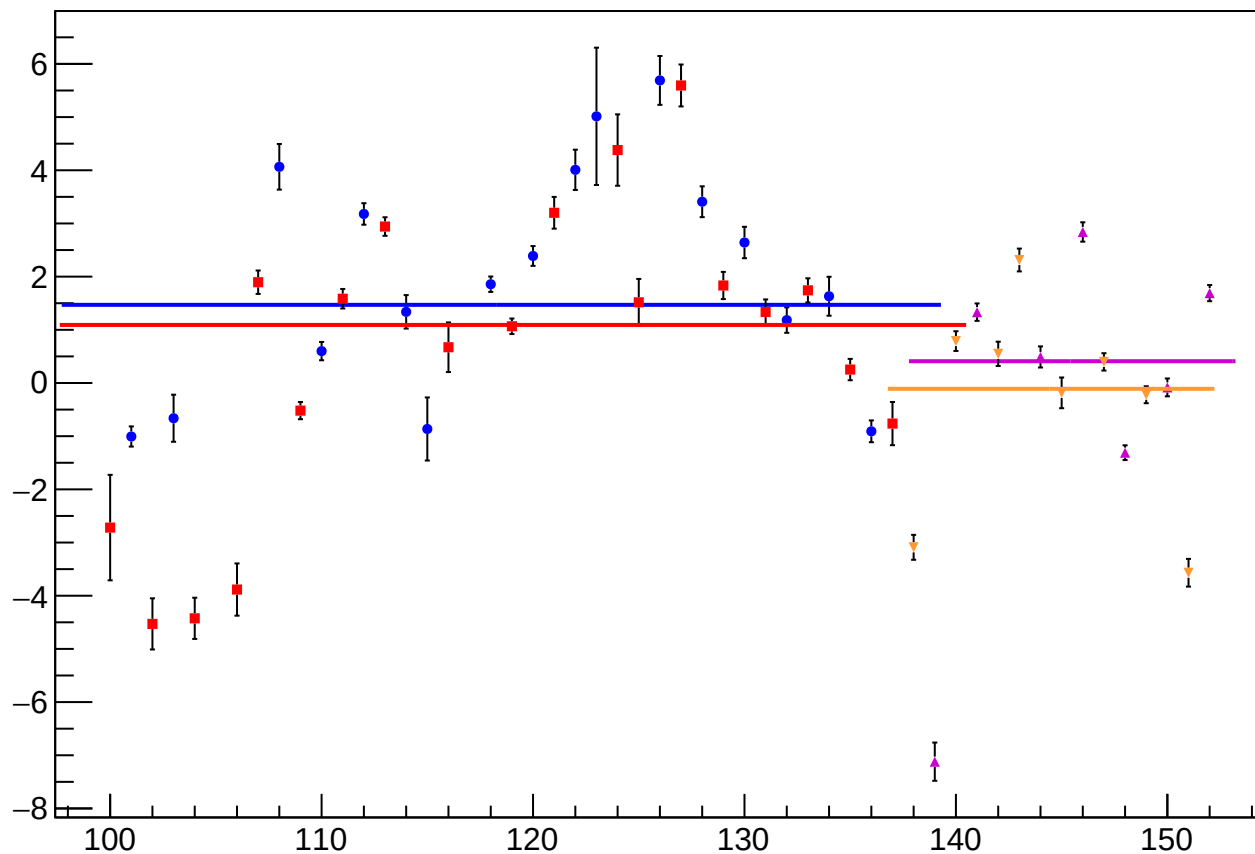
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Out: -22.946+/-0.100 χ^2/NDF : 48788.8/7

All: -23.062+/-0.068 χ^2/NDF : 77146.9/14

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: -0.109 ± 0.072 $\chi^2/\text{NDF}: 506.6/7$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

Left In: 0.410 ± 0.066 $\chi^2/\text{NDF}: 882.2/6$

Left: 0.175 ± 0.049 $\chi^2/\text{NDF}: 1417.1/14$

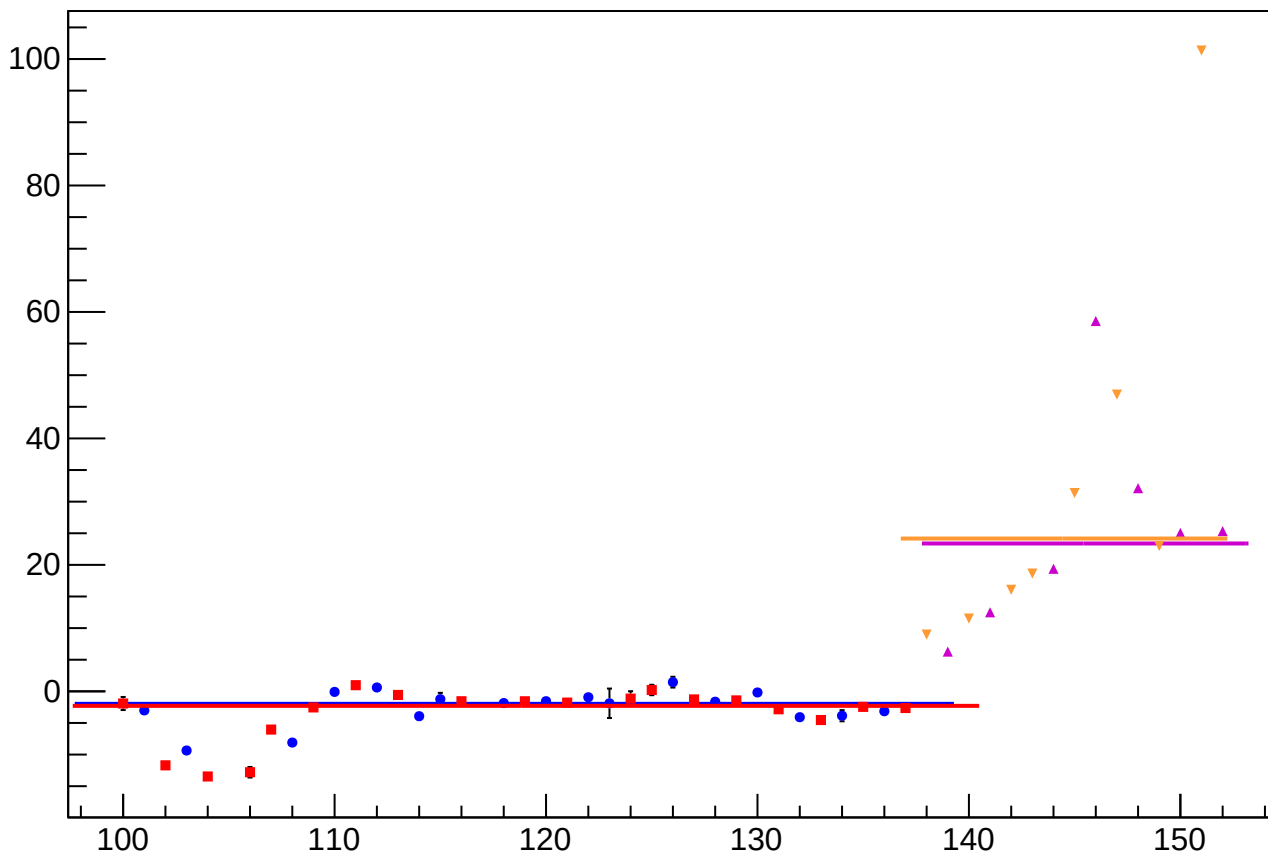
Right: 1.272 ± 0.042 $\chi^2/\text{NDF}: 1680.2/35$

In: 0.981 ± 0.045 $\chi^2/\text{NDF}: 1730.2/23$

Out: 0.622 ± 0.045 $\chi^2/\text{NDF}: 1627.1/26$

All: 0.804 ± 0.032 $\chi^2/\text{NDF}: 3389.3/50$

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: 24.167 ± 0.103 χ^2/NDF : 43355.3/7

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: 23.735 ± 0.069 χ^2/NDF : 67139.3/14

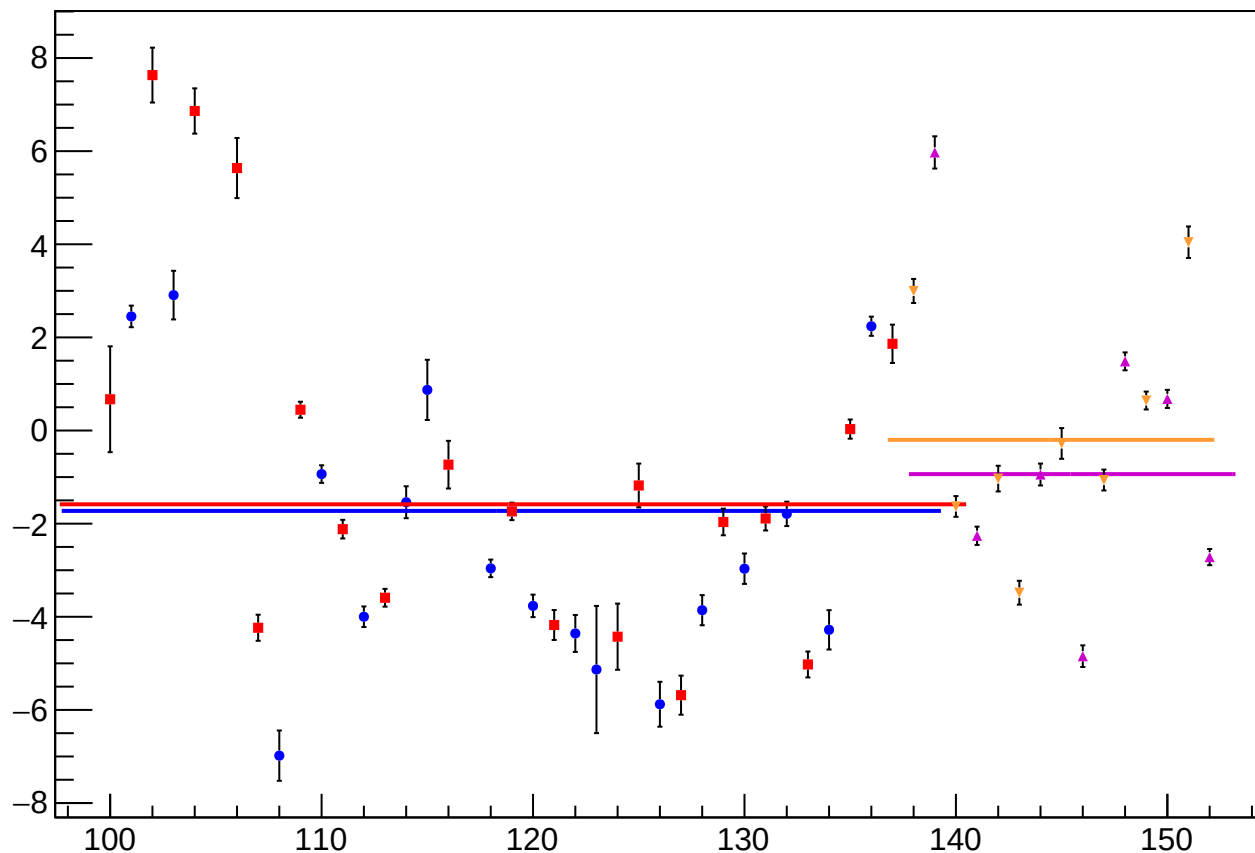
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: 12.899 ± 0.071 χ^2/NDF : 55371.8/23

Out: 10.384 ± 0.071 χ^2/NDF : 78890.7/26

All: 11.647 ± 0.050 χ^2/NDF : 134891.5/50

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: -0.200 ± 0.088 χ^2/NDF : 558.7/7

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: -0.605 ± 0.059 χ^2/NDF : 1655.5/14

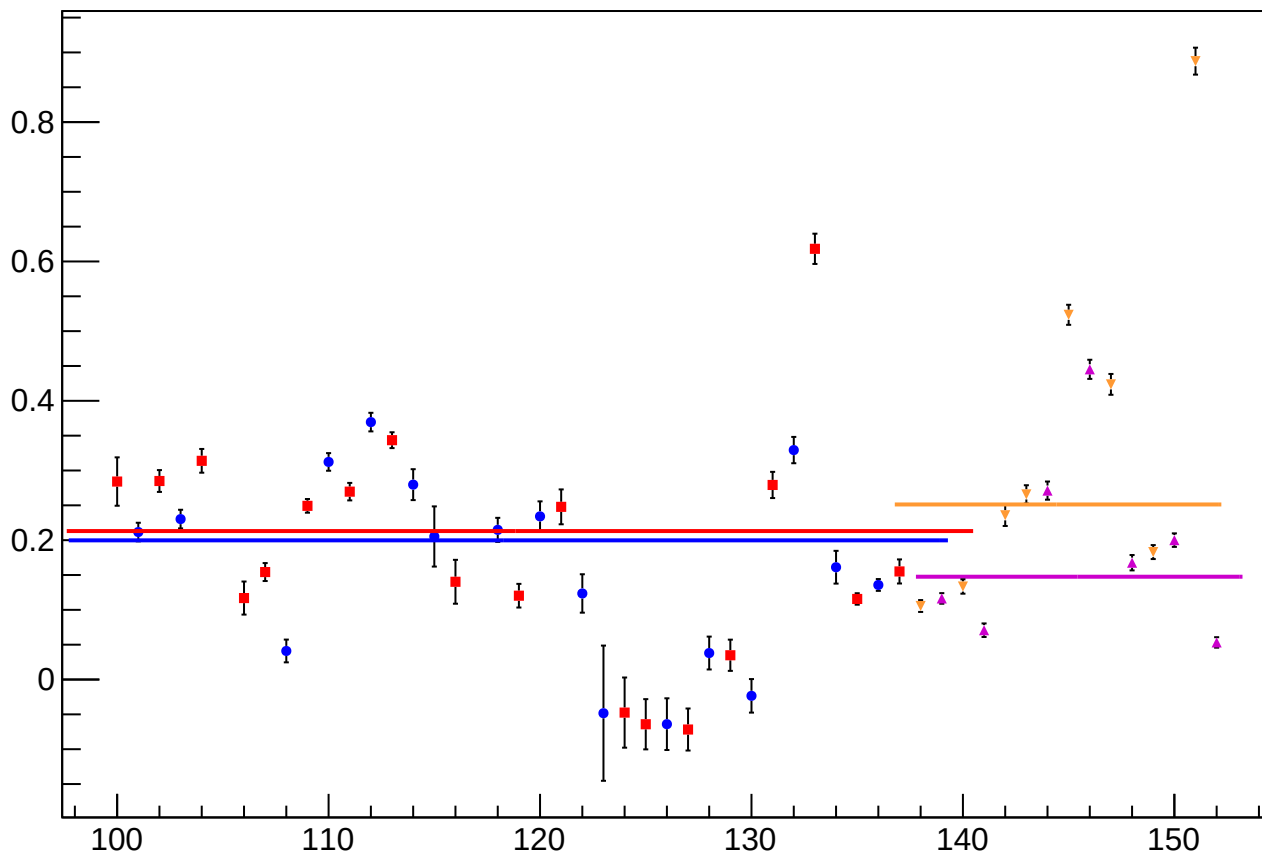
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.382 ± 0.053 χ^2/NDF : 2455.4/23

Out: -1.093 ± 0.053 χ^2/NDF : 2210.3/26

All: -1.238 ± 0.037 χ^2/NDF : 4680.8/50

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.251 $\pm$ 0.004 χ^2 /NDF:2046.3/7

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

Left In: 0.148 $\pm$ 0.004 χ^2 /NDF:830.1/6

Left: 0.191 $\pm$ 0.003 χ^2 /NDF: 3219.7/14

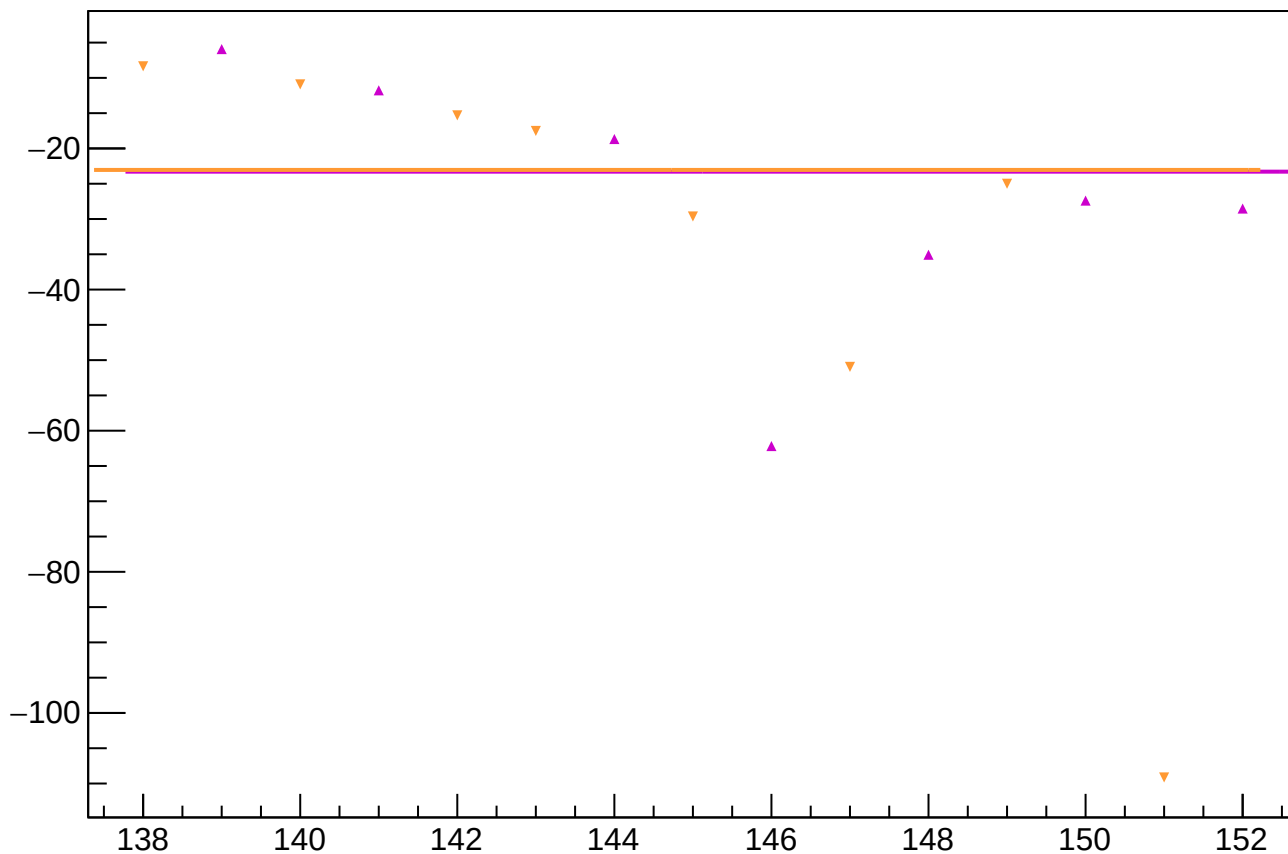
Right: 0.207 $\pm$ 0.003 χ^2 /NDF: 1719.2/35

In: 0.170 $\pm$ 0.003 χ^2 /NDF:1583.0/23

Out: 0.229 $\pm$ 0.003 χ^2 /NDF:3143.2/26

All: 0.199 $\pm$ 0.002 χ^2 /NDF: 4955.6/50

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: -23.045+/-0.100 χ^2/NDF : 48889.5/7

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: -23.177+/-0.068 χ^2/NDF : 77293.2/14

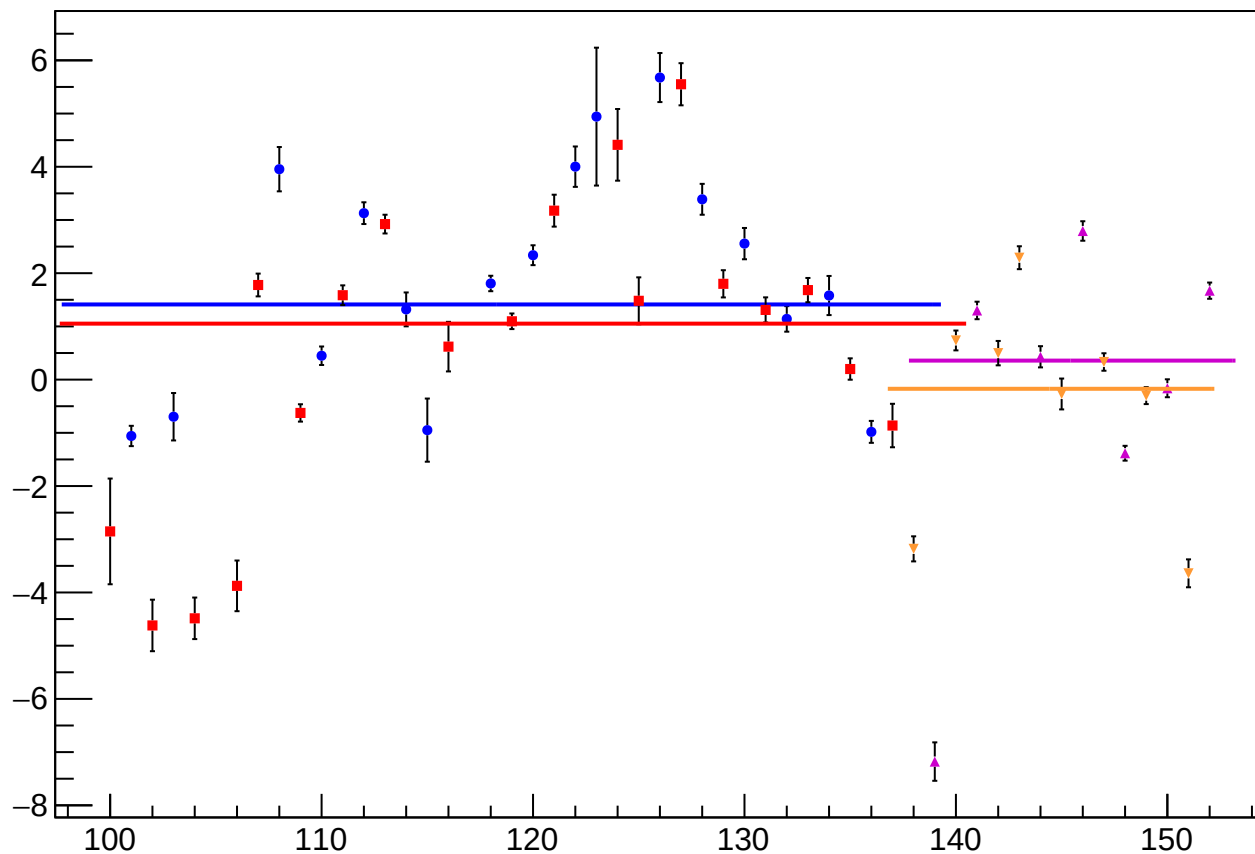
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Out: -23.045+/-0.100 χ^2/NDF : 48889.5/7

All: -23.177+/-0.068 χ^2/NDF : 77293.2/14

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: -0.172 ± 0.073 χ^2/NDF : 511.2/7

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

Left In: 0.357 ± 0.066 χ^2/NDF : 885.2/6

Left: 0.117 ± 0.049 χ^2/NDF : 1425.6/14

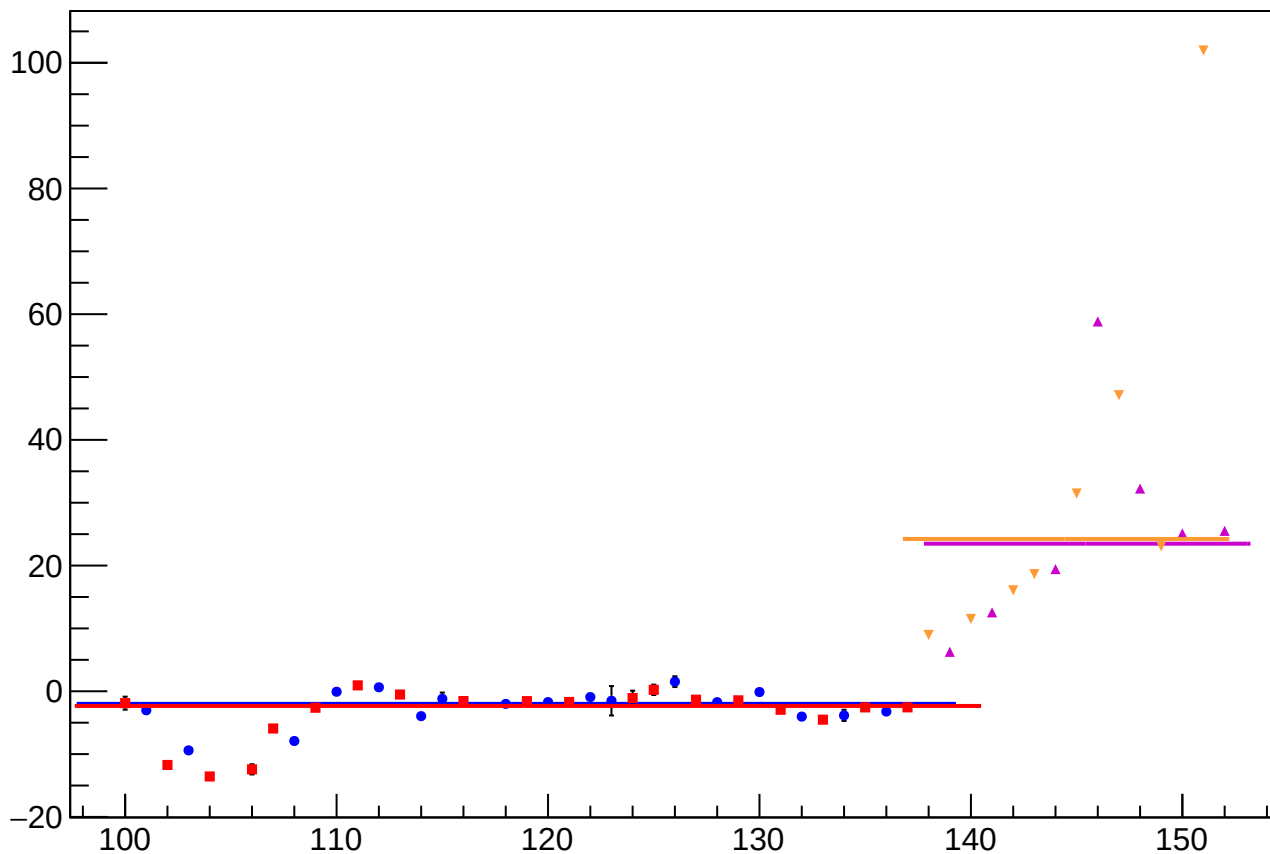
Right: 1.223 ± 0.042 χ^2/NDF : 1695.5/35

In: 0.926 ± 0.045 χ^2/NDF : 1736.7/23

Out: 0.574 ± 0.045 χ^2/NDF : 1648.1/26

All: 0.752 ± 0.032 χ^2/NDF : 3415.4/50

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: 24.236 ± 0.103 χ^2/NDF : 43454.9/7

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: 23.819 ± 0.069 χ^2/NDF : 67275.3/14

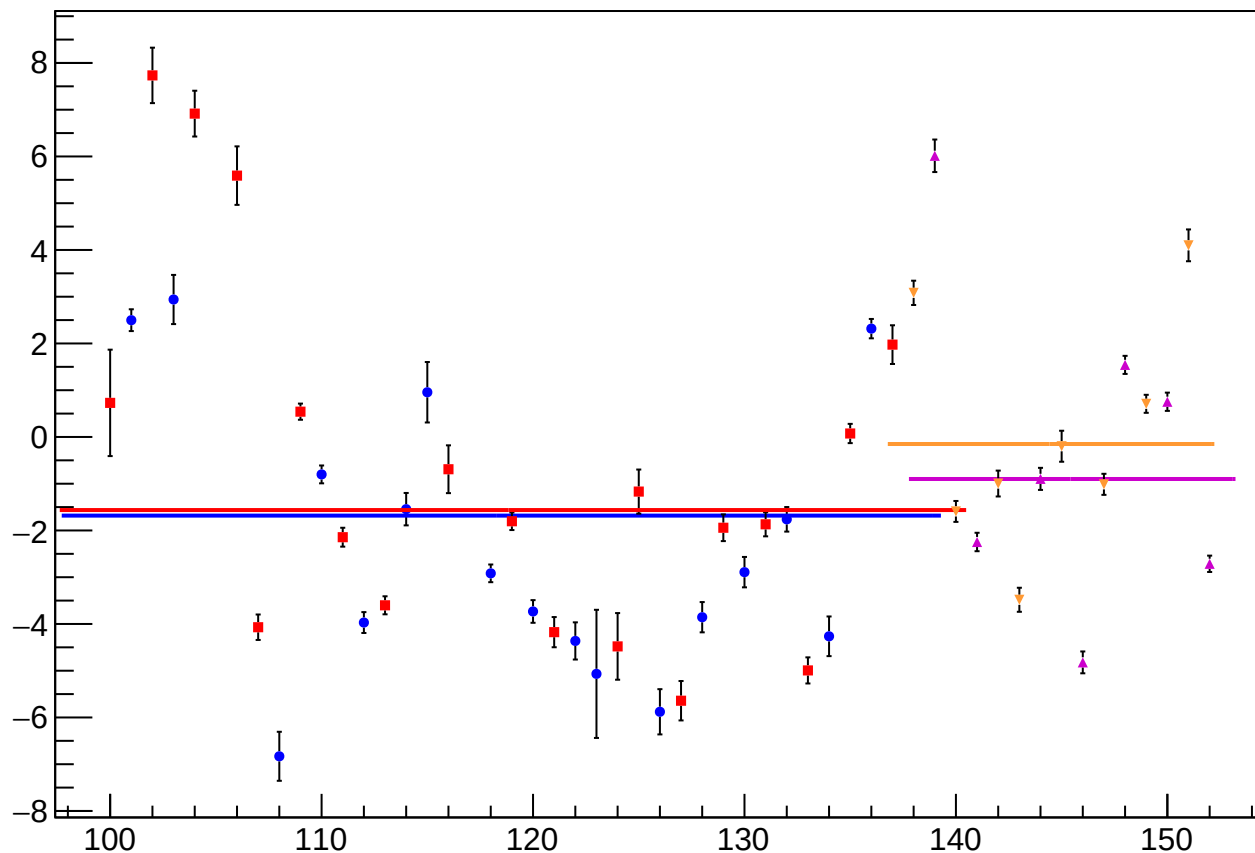
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 12.952 ± 0.071 χ^2/NDF : 55407.3/23

Out: 10.405 ± 0.071 χ^2/NDF : 78959.8/26

All: 11.683 ± 0.050 χ^2/NDF : 135006.4/50

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: -0.151±/0.089 χ^2/NDF : 564.1/7

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: -0.563±/0.059 χ^2/NDF : 1665.3/14

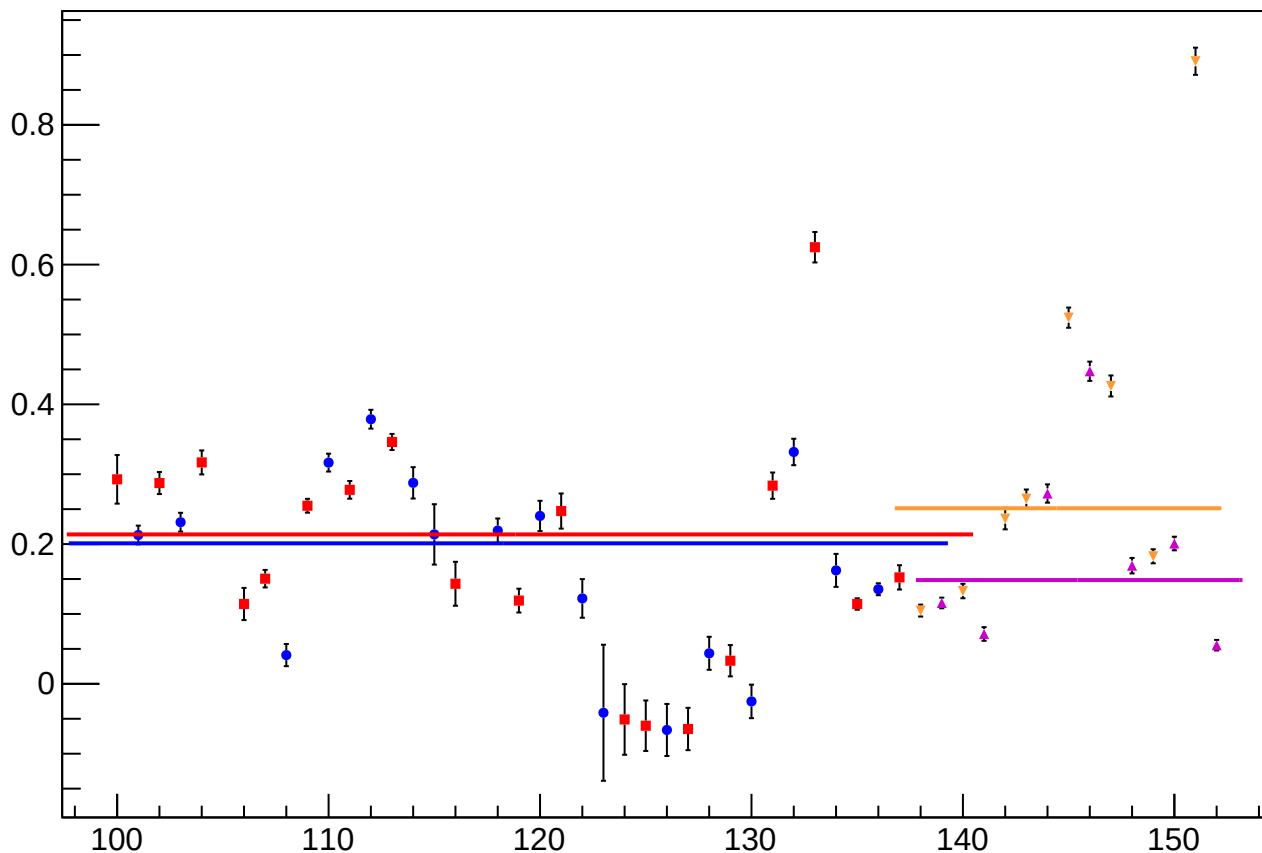
Right: -1.619±/0.048 χ^2/NDF : 2854.1/35

In: -1.341±/0.053 χ^2/NDF : 2463.9/23

Out: -1.063±/0.053 χ^2/NDF : 2232.9/26

All: -1.202±/0.037 χ^2/NDF : 4710.7/50

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.004 $\chi^2/\text{NDF}: 691.3/16$

Left Out: 0.251 ± 0.004 $\chi^2/\text{NDF}: 2047.6/7$

Right Out: 0.214 ± 0.004 $\chi^2/\text{NDF}: 1083.1/18$

Left In: 0.149 ± 0.004 $\chi^2/\text{NDF}: 825.3/6$

Left: 0.192 ± 0.003 $\chi^2/\text{NDF}: 3206.9/14$

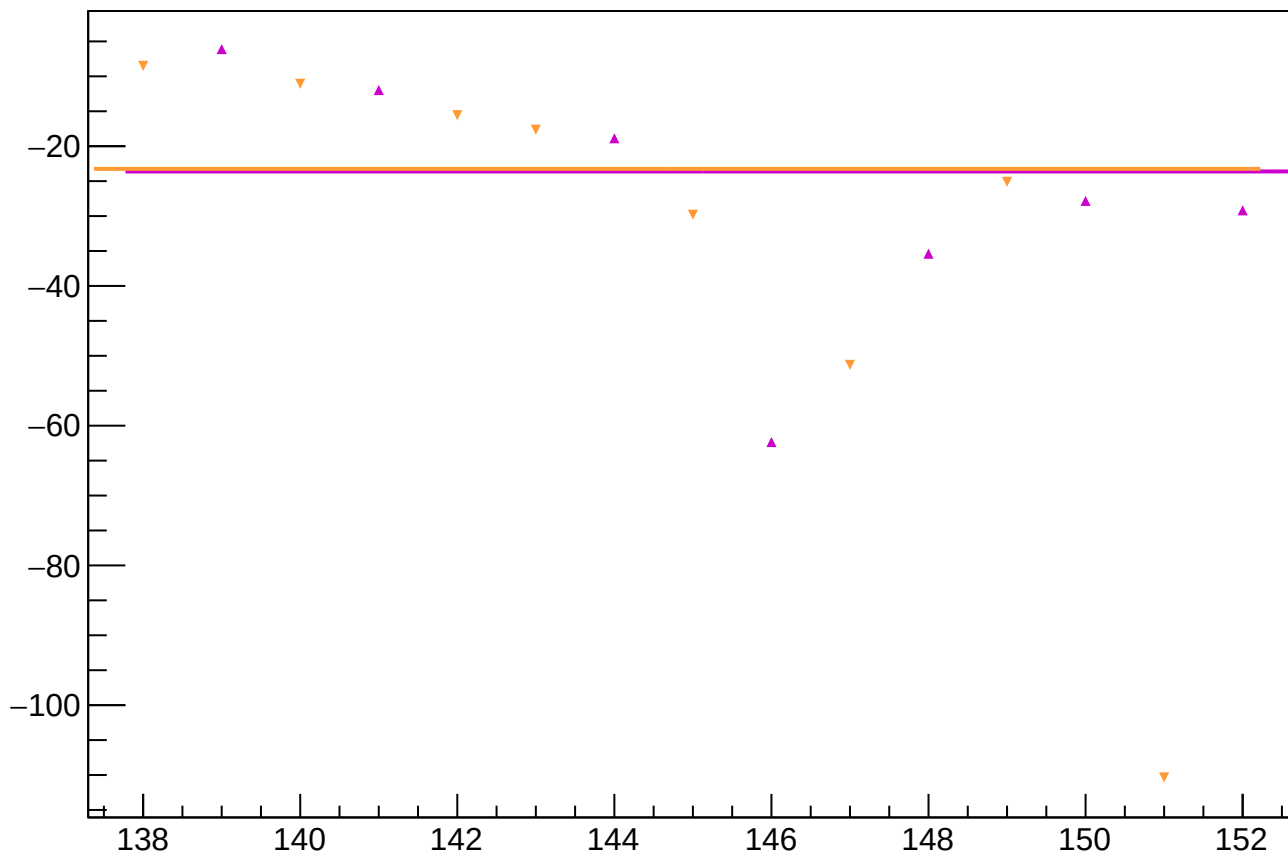
Right: 0.208 ± 0.003 $\chi^2/\text{NDF}: 1779.7/35$

In: 0.172 ± 0.003 $\chi^2/\text{NDF}: 1607.6/23$

Out: 0.230 ± 0.003 $\chi^2/\text{NDF}: 3174.8/26$

All: 0.200 ± 0.002 $\chi^2/\text{NDF}: 5004.1/50$

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: -23.244+/-0.101 χ^2/NDF : 48772.0/7

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: -23.444+/-0.069 χ^2/NDF : 76859.5/14

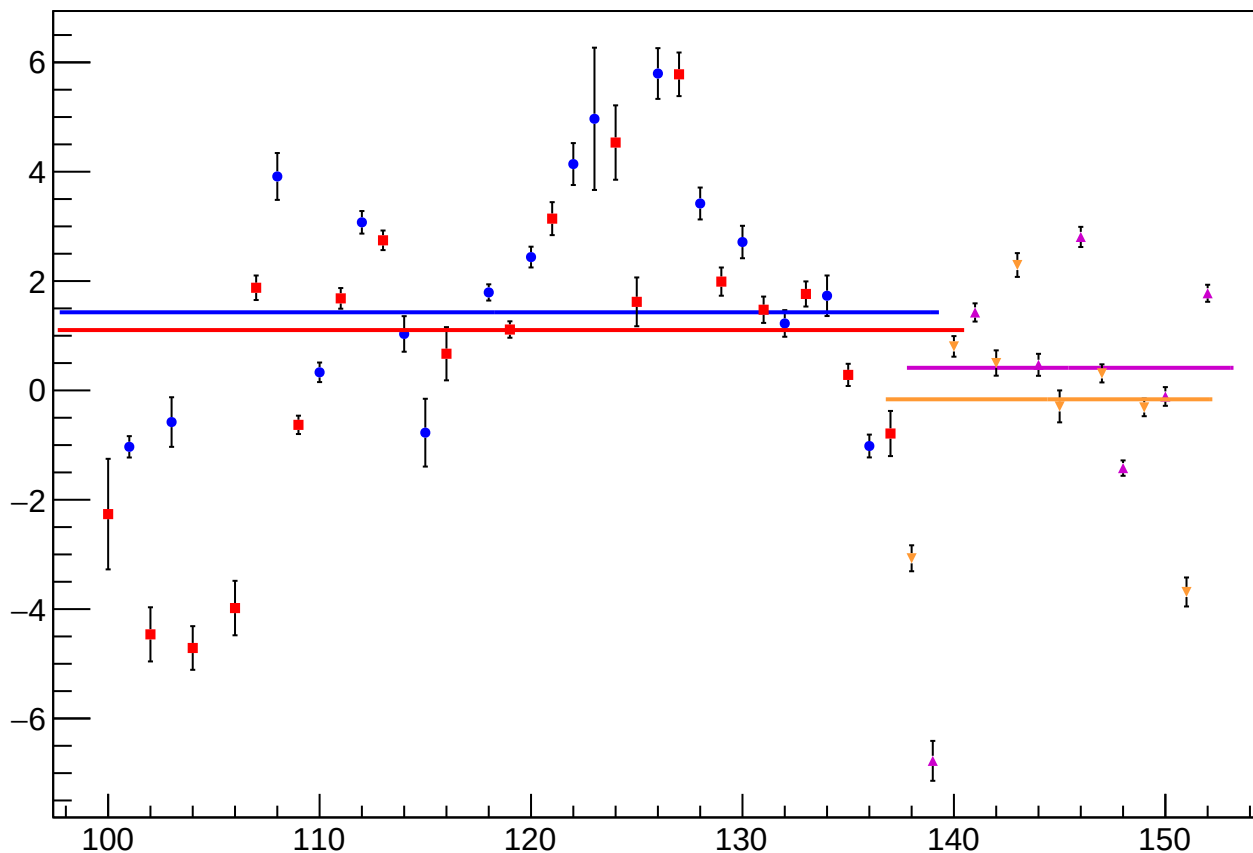
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Out: -23.244+/-0.101 χ^2/NDF : 48772.0/7

All: -23.444+/-0.069 χ^2/NDF : 76859.5/14

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: -0.163 $\pm$ 0.073 χ^2 /NDF:497.8/7

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

Left In: 0.413 $\pm$ 0.067 χ^2 /NDF:849.8/6

Left: 0.151 $\pm$ 0.049 χ^2 /NDF: 1381.3/14

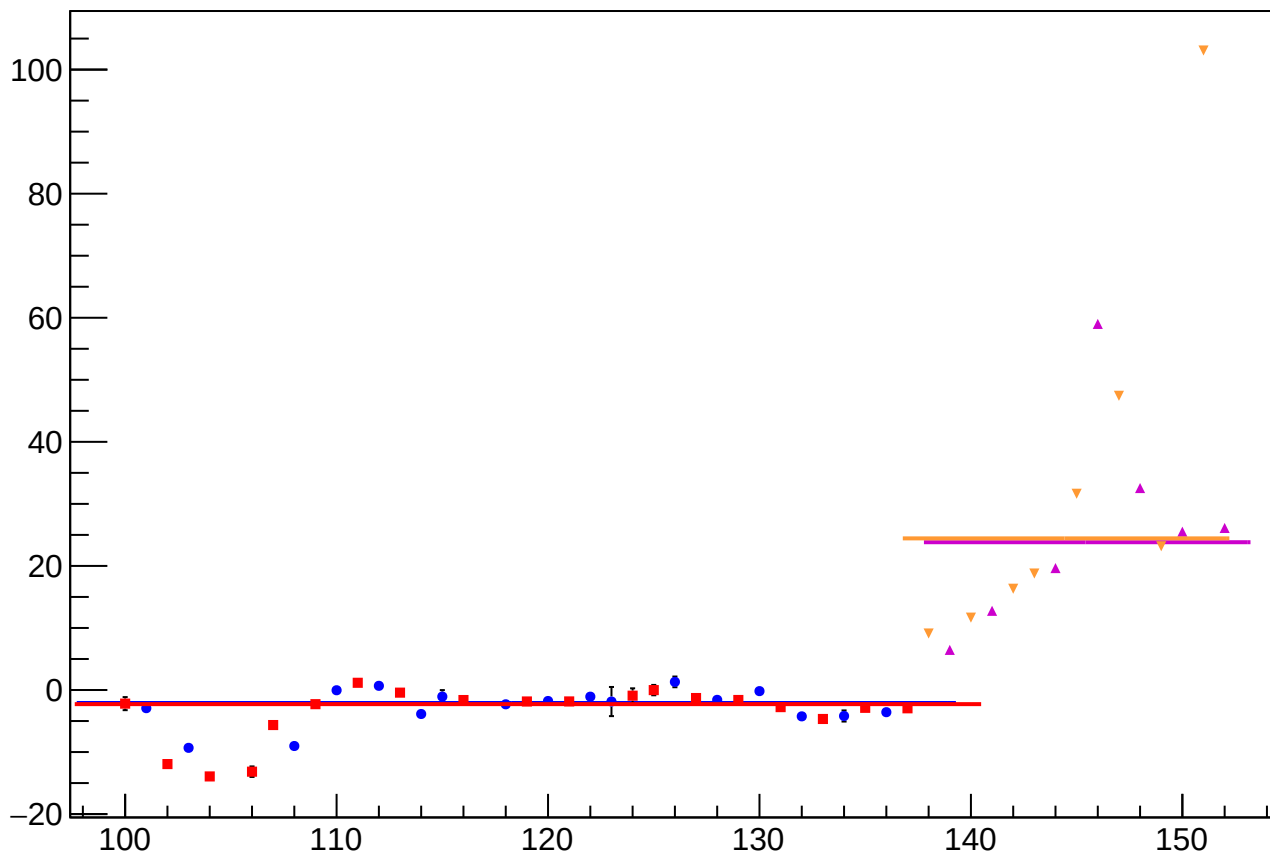
Right: 1.259 $\pm$ 0.043 χ^2 /NDF: 1662.3/35

In: 0.958 $\pm$ 0.046 χ^2 /NDF:1685.0/23

Out: 0.602 $\pm$ 0.046 χ^2 /NDF:1614.9/26

All: 0.782 $\pm$ 0.032 χ^2 /NDF: 3330.2/50

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: 24.439 ± 0.104 χ^2/NDF : 43363.8/7

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: 24.099 ± 0.070 χ^2/NDF : 66844.7/14

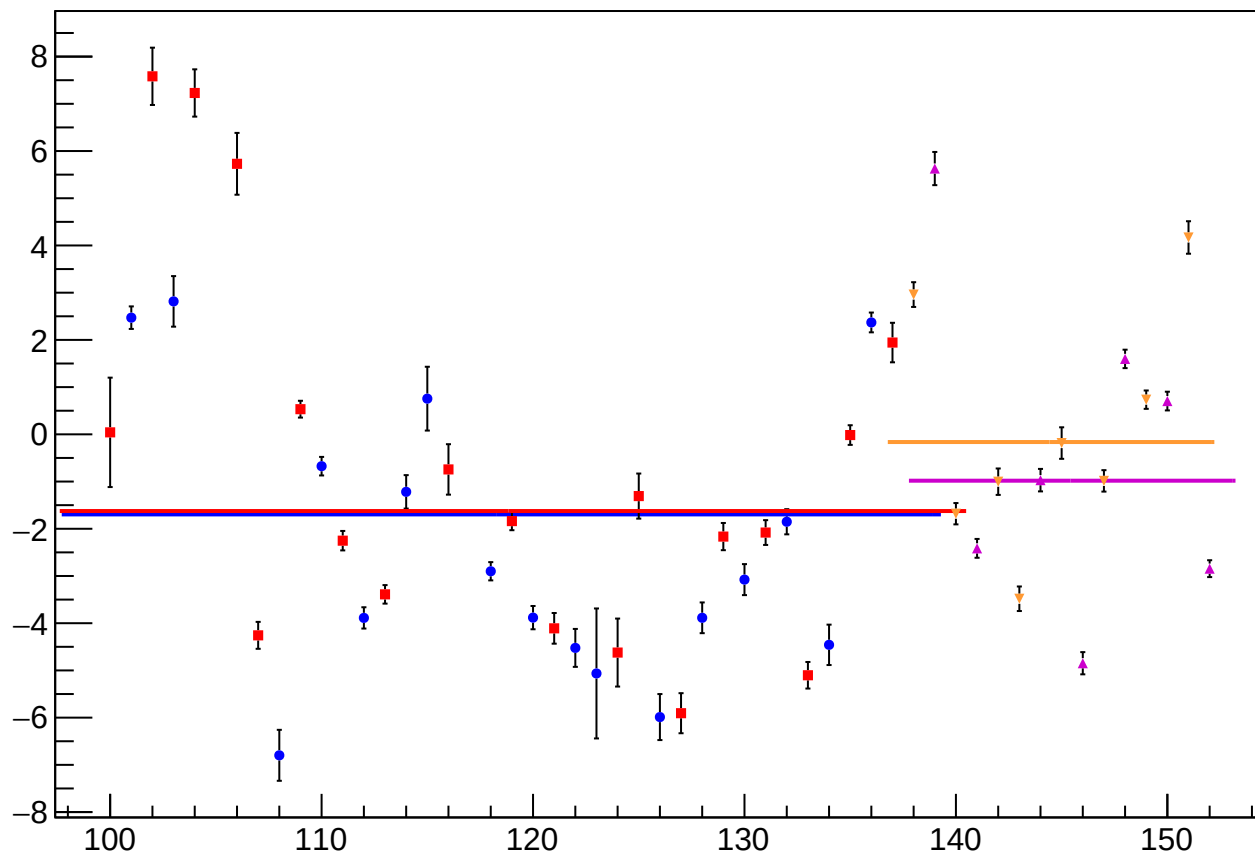
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: 13.176 ± 0.072 χ^2/NDF : 55165.0/23

Out: 10.690 ± 0.072 χ^2/NDF : 78239.4/26

All: 11.938 ± 0.051 χ^2/NDF : 133995.7/50

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: -0.163 ± 0.089 $\chi^2/\text{NDF}: 552.3/7$

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: -0.612 ± 0.060 $\chi^2/\text{NDF}: 1629.3/14$

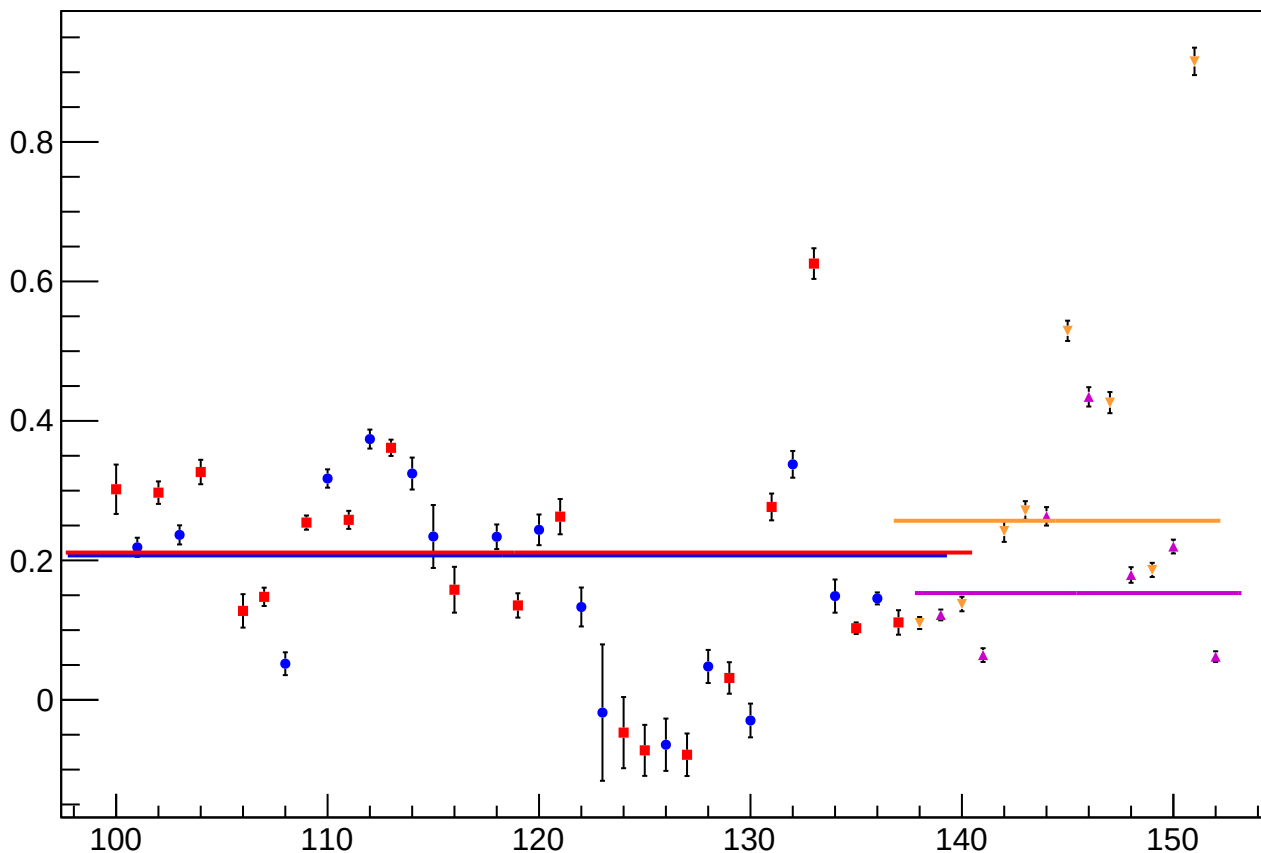
Right: -1.658 ± 0.049 $\chi^2/\text{NDF}: 2801.2/35$

In: -1.384 ± 0.054 $\chi^2/\text{NDF}: 2408.0/23$

Out: -1.099 ± 0.054 $\chi^2/\text{NDF}: 2190.7/26$

All: -1.241 ± 0.038 $\chi^2/\text{NDF}: 4612.7/50$

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: 0.257 $\pm$ 0.004 χ^2 /NDF:2067.9/7

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: 0.197 $\pm$ 0.003 χ^2 /NDF: 3169.7/14

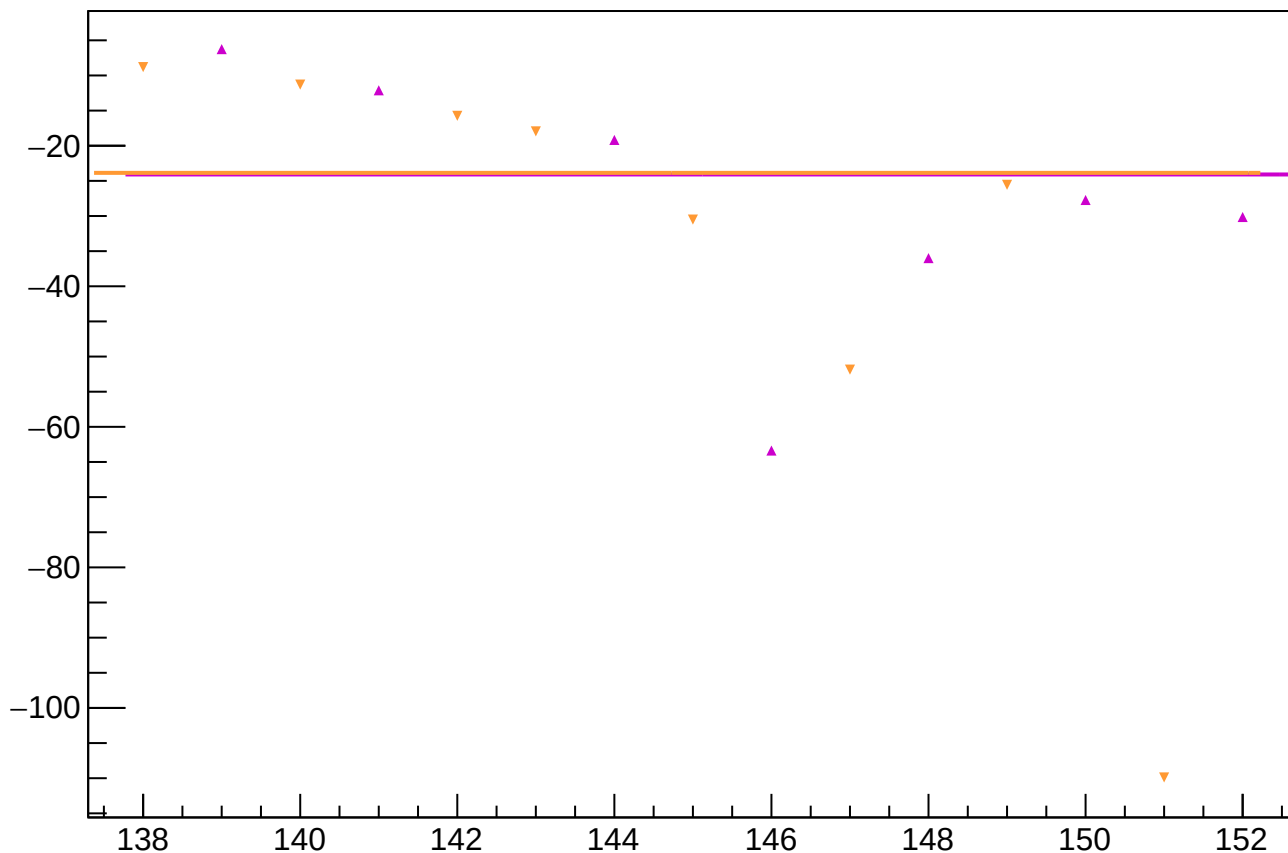
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1802.5/35

In: 0.177 $\pm$ 0.003 χ^2 /NDF:1518.4/23

Out: 0.231 $\pm$ 0.003 χ^2 /NDF:3277.0/26

All: 0.203 $\pm$ 0.002 χ^2 /NDF: 4981.8/50

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: -23.859+/-0.103 χ^2/NDF : 48084.9/7

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: -23.983+/-0.070 χ^2/NDF : 76100.9/14

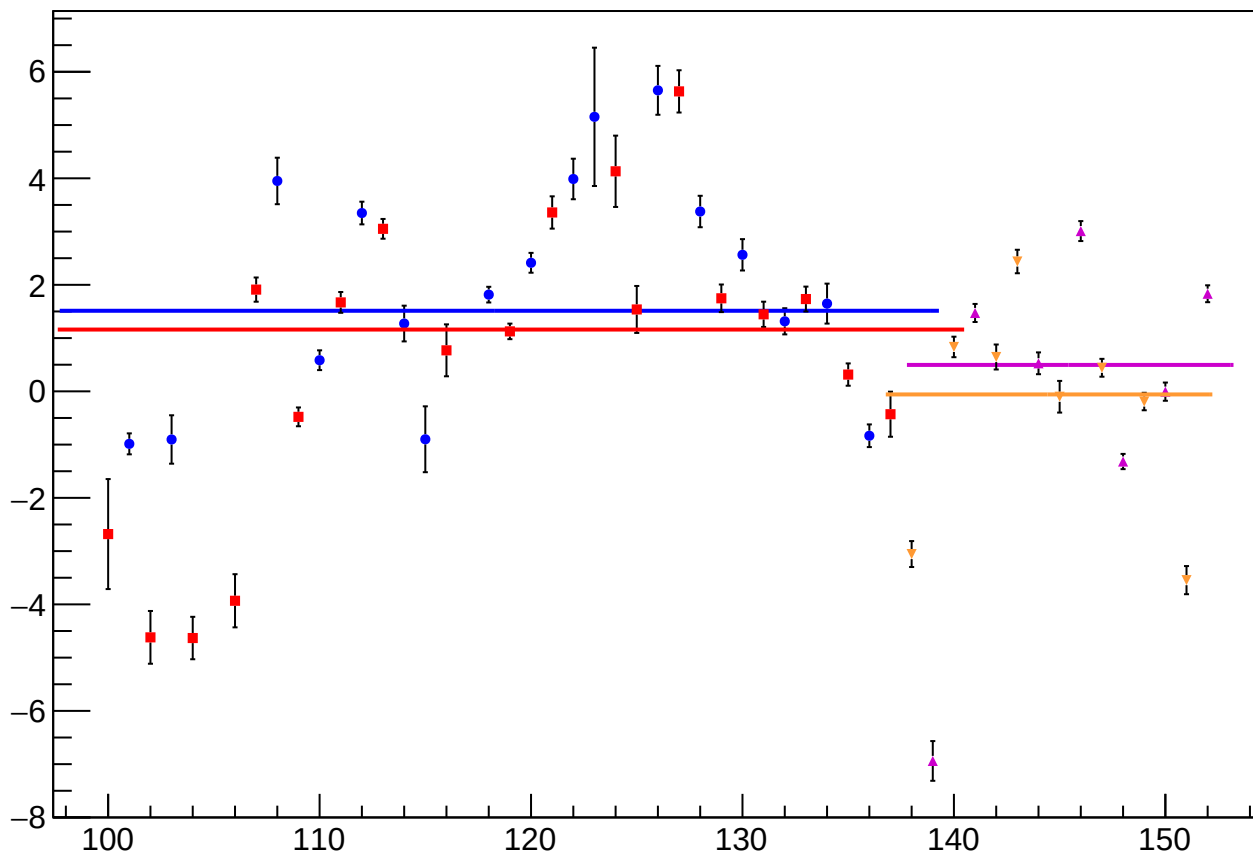
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Out: -23.859+/-0.103 χ^2/NDF : 48084.9/7

All: -23.983+/-0.070 χ^2/NDF : 76100.9/14

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: -0.058 ± 0.074 χ^2/NDF : 493.7/7

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

Left In: 0.496 ± 0.068 χ^2/NDF : 850.9/6

Left: 0.244 ± 0.050 χ^2/NDF : 1374.9/14

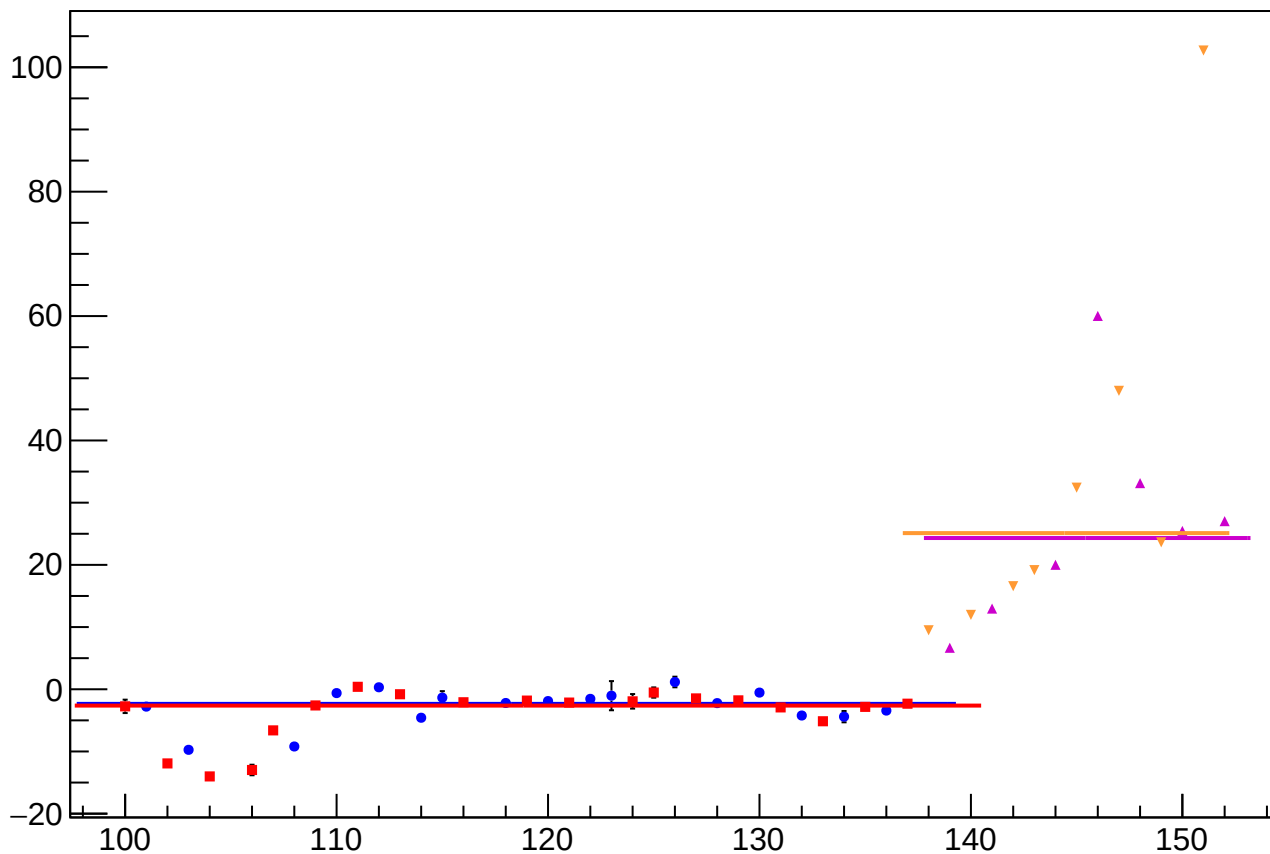
Right: 1.329 ± 0.043 χ^2/NDF : 1603.3/35

In: 1.045 ± 0.046 χ^2/NDF : 1641.7/23

Out: 0.679 ± 0.047 χ^2/NDF : 1573.1/26

All: 0.865 ± 0.033 χ^2/NDF : 3246.0/50

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: 25.106 ± 0.106 χ^2/NDF : 42667.5/7

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: 24.670 ± 0.071 χ^2/NDF : 66081.4/14

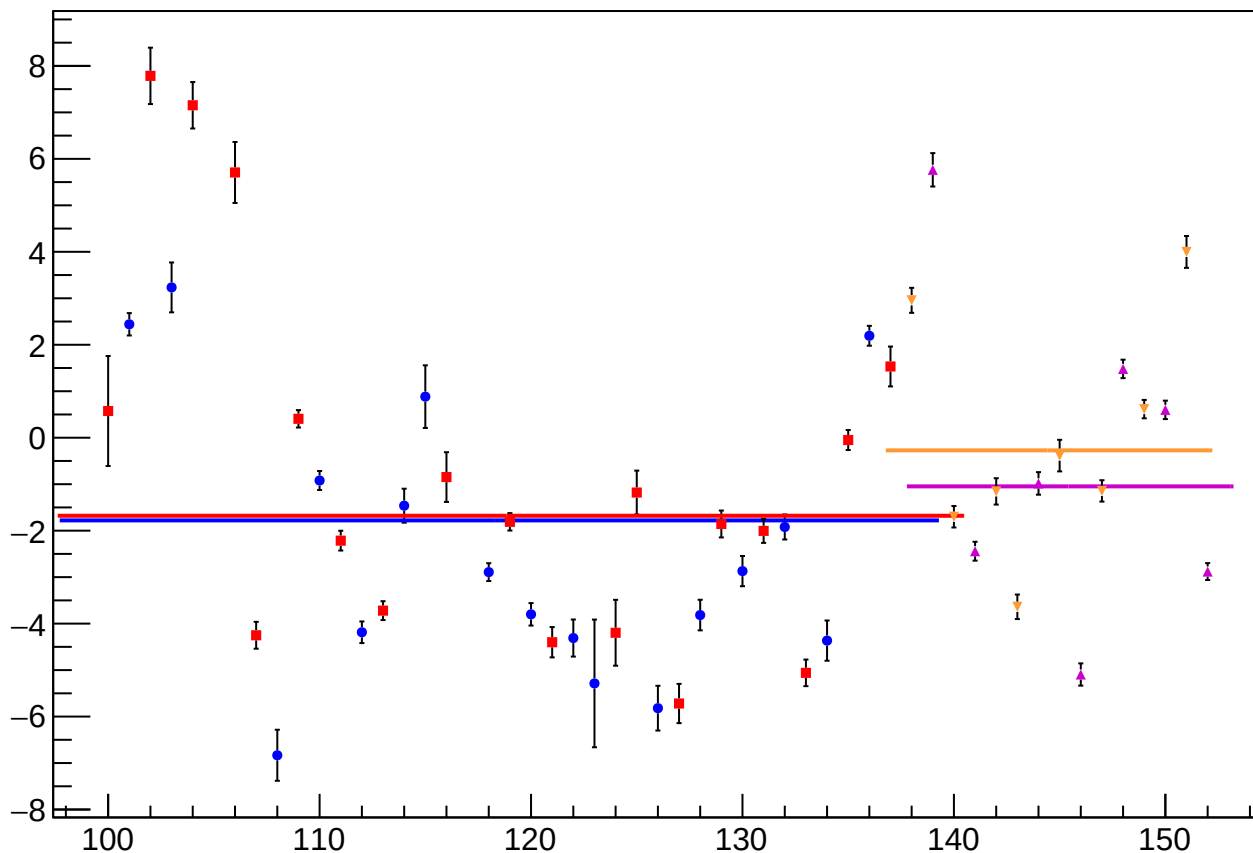
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: 13.354 ± 0.073 χ^2/NDF : 55876.2/23

Out: 10.884 ± 0.074 χ^2/NDF : 78657.2/26

All: 12.130 ± 0.052 χ^2/NDF : 135096.3/50

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: -0.273 ± 0.091 χ^2/NDF : 545.0/7

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: -0.698 ± 0.061 χ^2/NDF : 1610.6/14

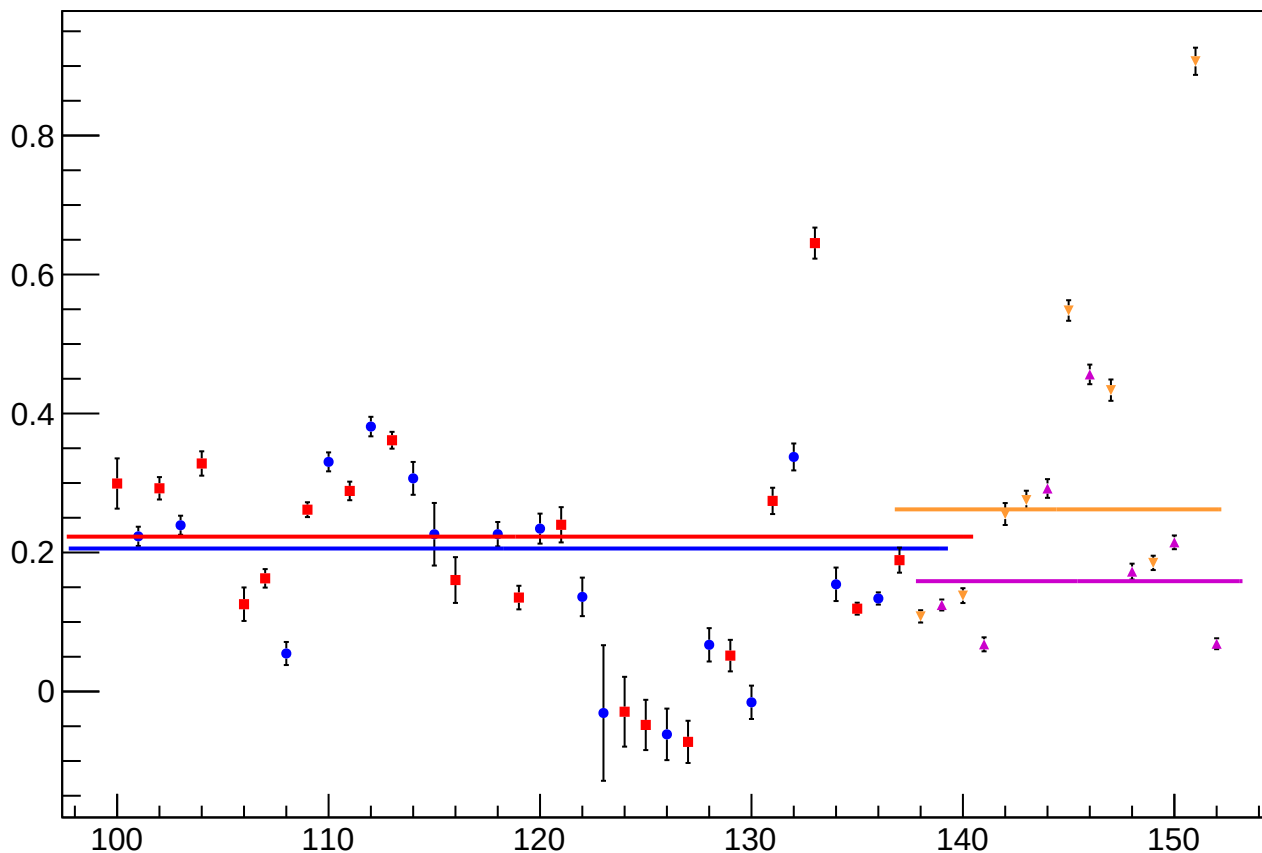
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.461 ± 0.054 χ^2/NDF : 2342.4/23

Out: -1.174 ± 0.054 χ^2/NDF : 2128.1/26

All: -1.318 ± 0.038 χ^2/NDF : 4484.3/50

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: 0.262 $\pm$ 0.004 χ^2 /NDF:2076.4/7

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: 0.202 $\pm$ 0.003 χ^2 /NDF: 3204.1/14

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: 0.240 $\pm$ 0.003 χ^2 /NDF:3163.8/26

All: 0.209 $\pm$ 0.002 χ^2 /NDF: 4917.0/50