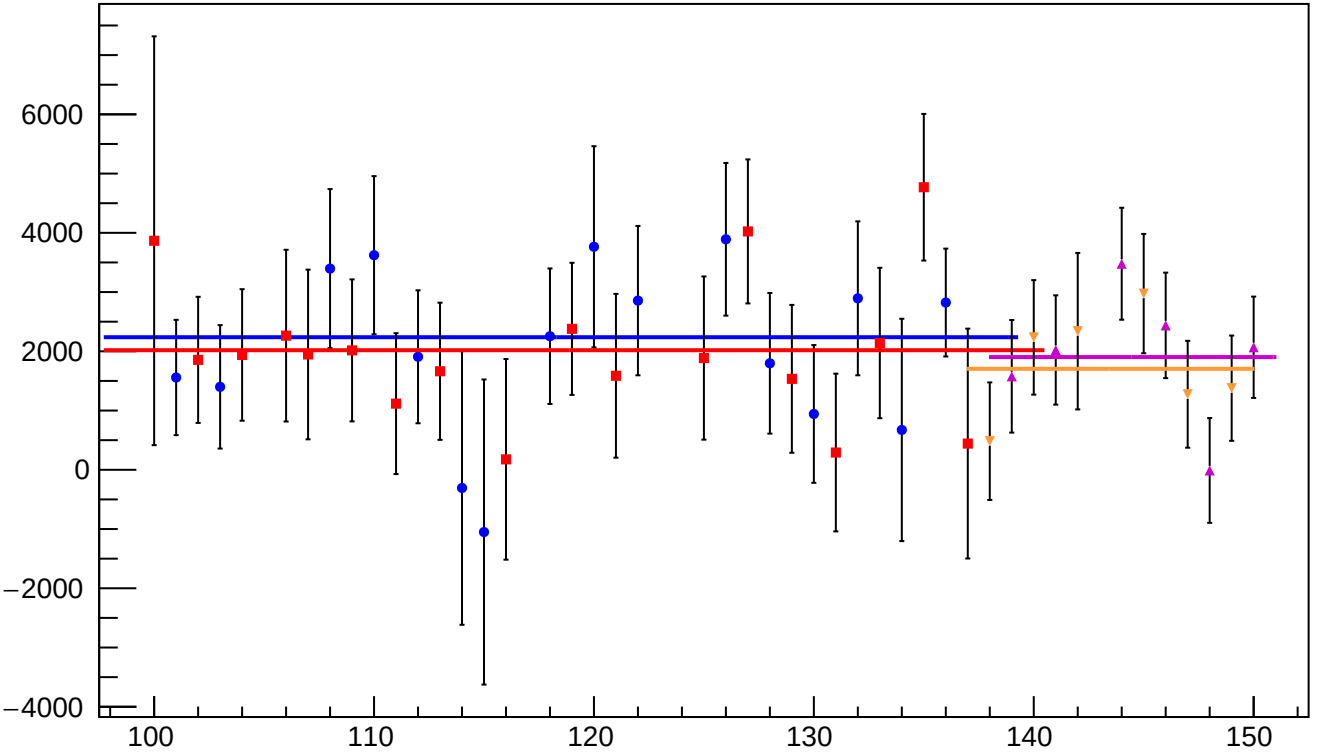
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642 χ^2/NDF: 11.3/15

Left Out: 1704.503+/-403.549 χ^2/NDF:4.0/5

Right Out: 2018.625+/-308.362 χ^2/NDF: 12.6/17

Left In: 1902.706+/-369.862 χ^2/NDF:8.0/5

Left: 1812.221+/-272.665 χ^2/NDF: 12.1/11

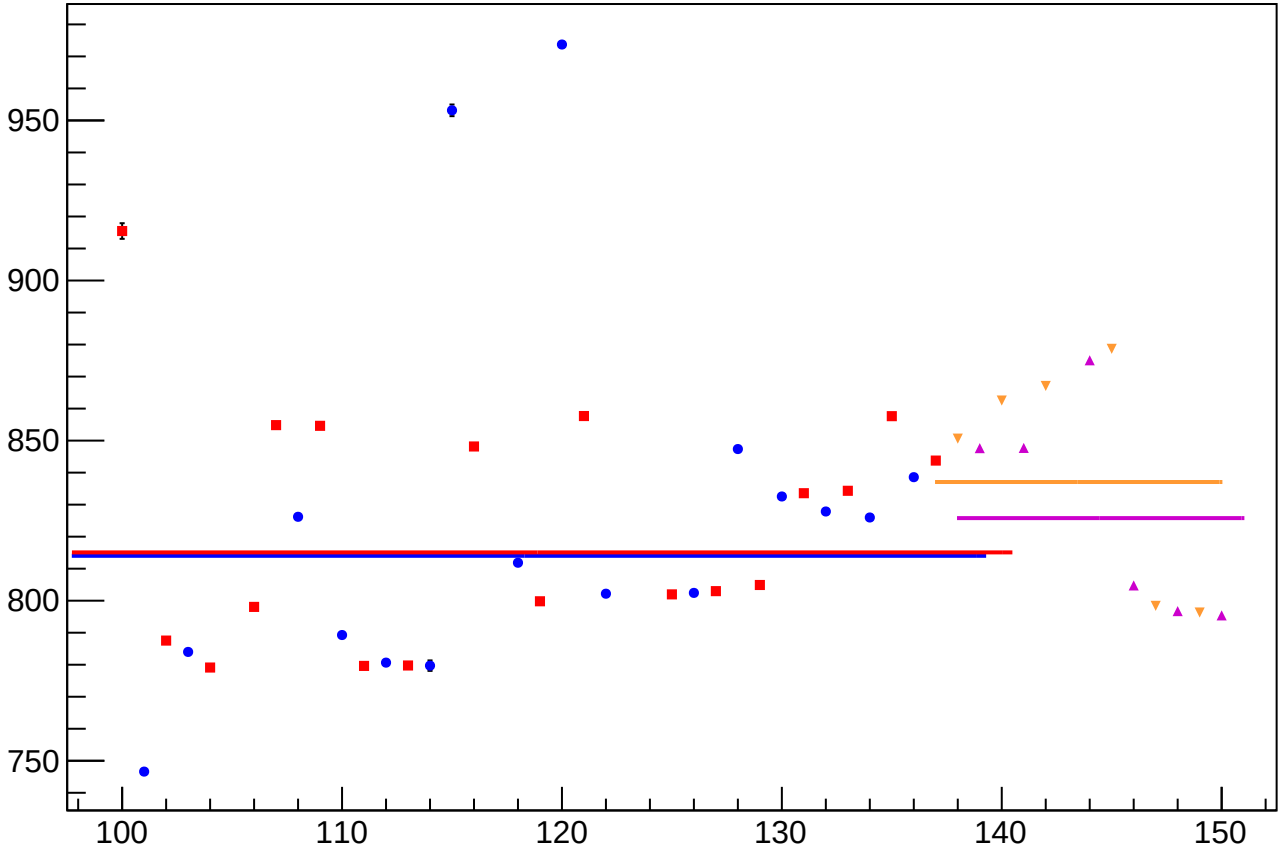
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2097.185+/-239.655 χ^2/NDF:19.8/21

Out: 1902.827+/-245.018 χ^2/NDF:17.0/23

All: 2002.156+/-171.326 χ^2/NDF: 37.1/45

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 837.072+/-0.285 χ^2/NDF:14088.7/5

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

Left In: 825.793+/-0.262 χ^2/NDF:13432.1/5

Left: 830.942+/-0.193 χ^2/NDF: 28369.8/11

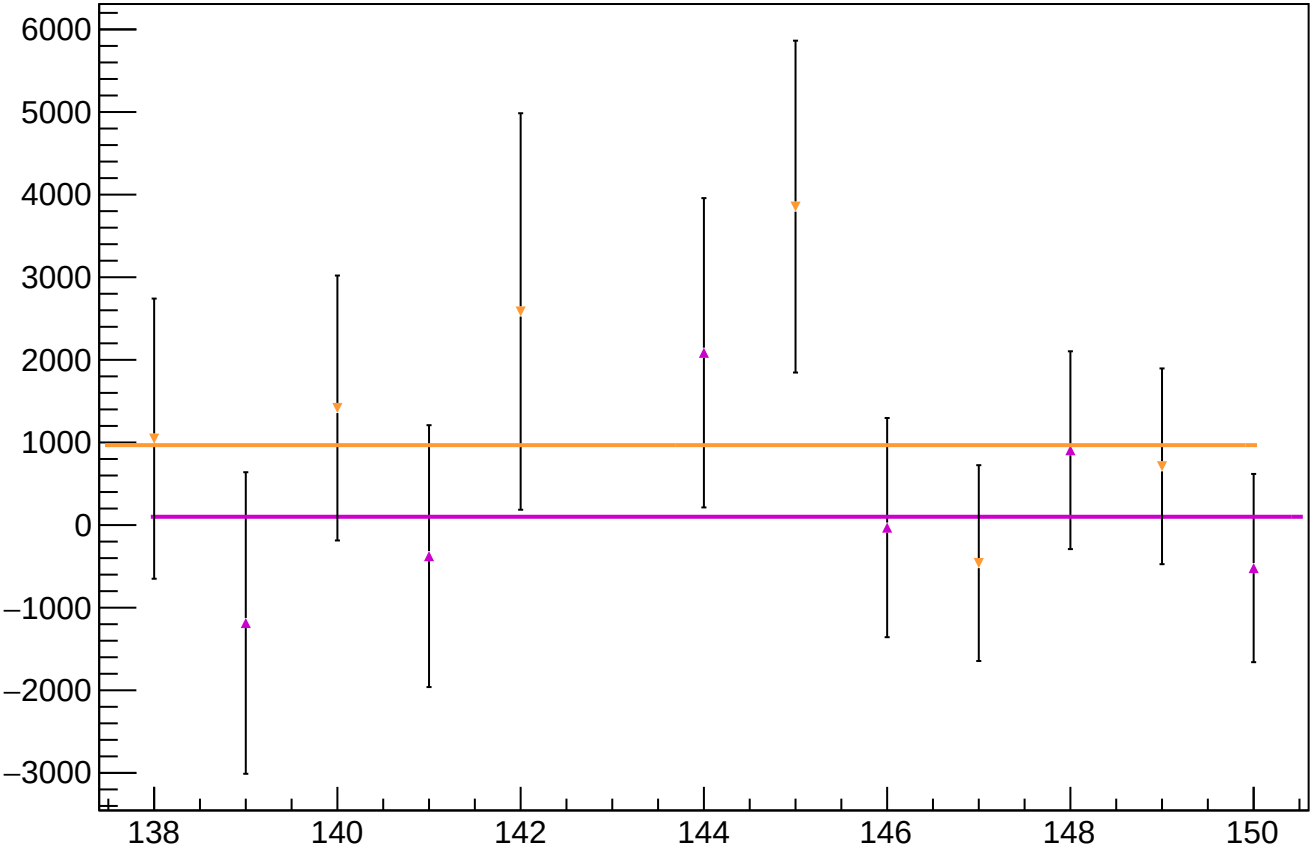
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 818.964+/-0.169 χ^2/NDF:56649.1/21

Out: 823.190+/-0.173 χ^2/NDF:37796.4/23

All: 821.030+/-0.121 χ^2/NDF: 94749.6/45

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 967.416+/-622.260 χ^2/NDF:4.1/5

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

Left In: 100.589+/-575.462 χ^2/NDF:2.5/5

Left: 500.185+/-422.490 χ^2/NDF: 7.6/11

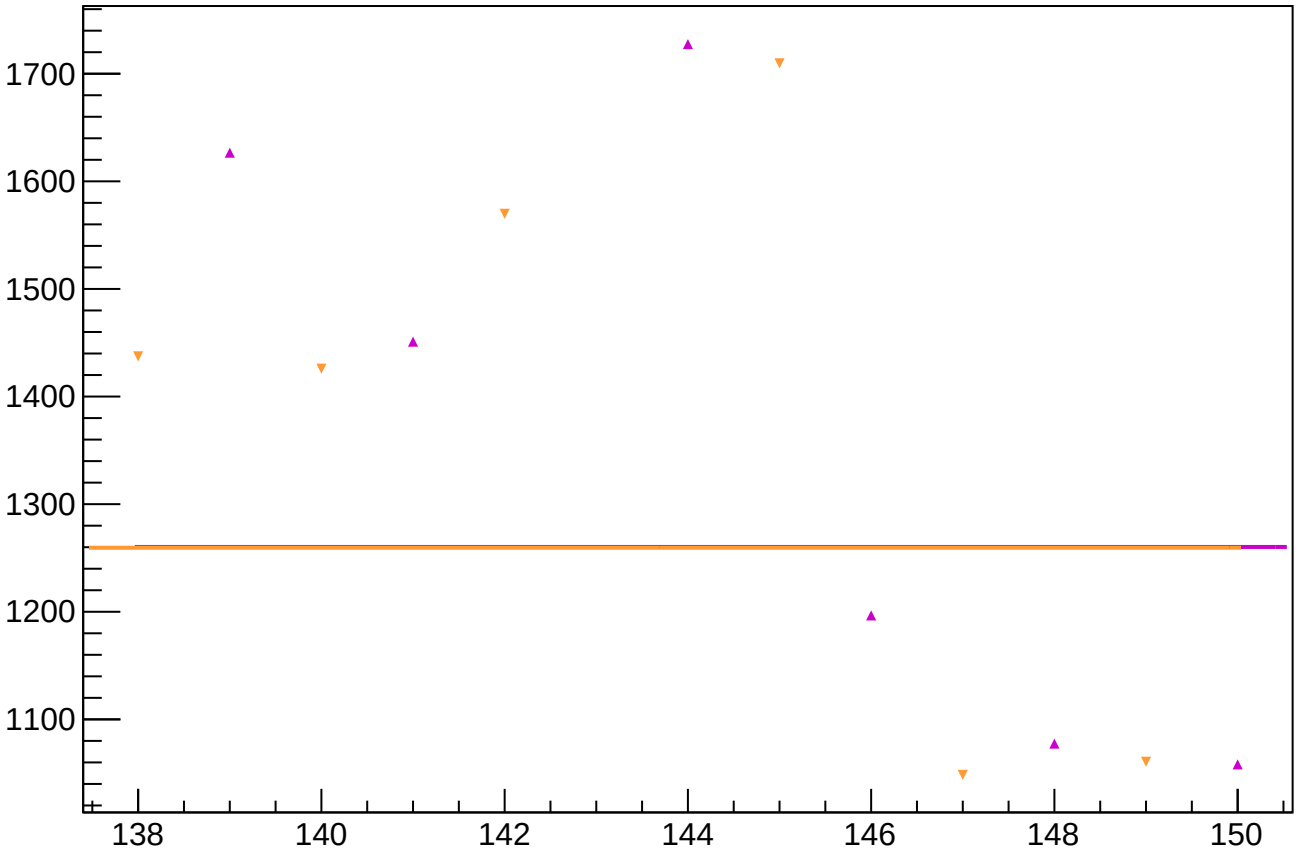
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.589+/-575.462 χ^2/NDF:2.5/5

Out: 967.416+/-622.260 χ^2/NDF:4.1/5

All: 500.185+/-422.490 χ^2/NDF: 7.6/11

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1259.512+/-0.440 χ^2/NDF:297241.5/5

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

Left In: 1260.229+/-0.407 χ^2/NDF:348276.7/5

Left: 1259.898+/-0.299 χ^2/NDF: 645519.6/11

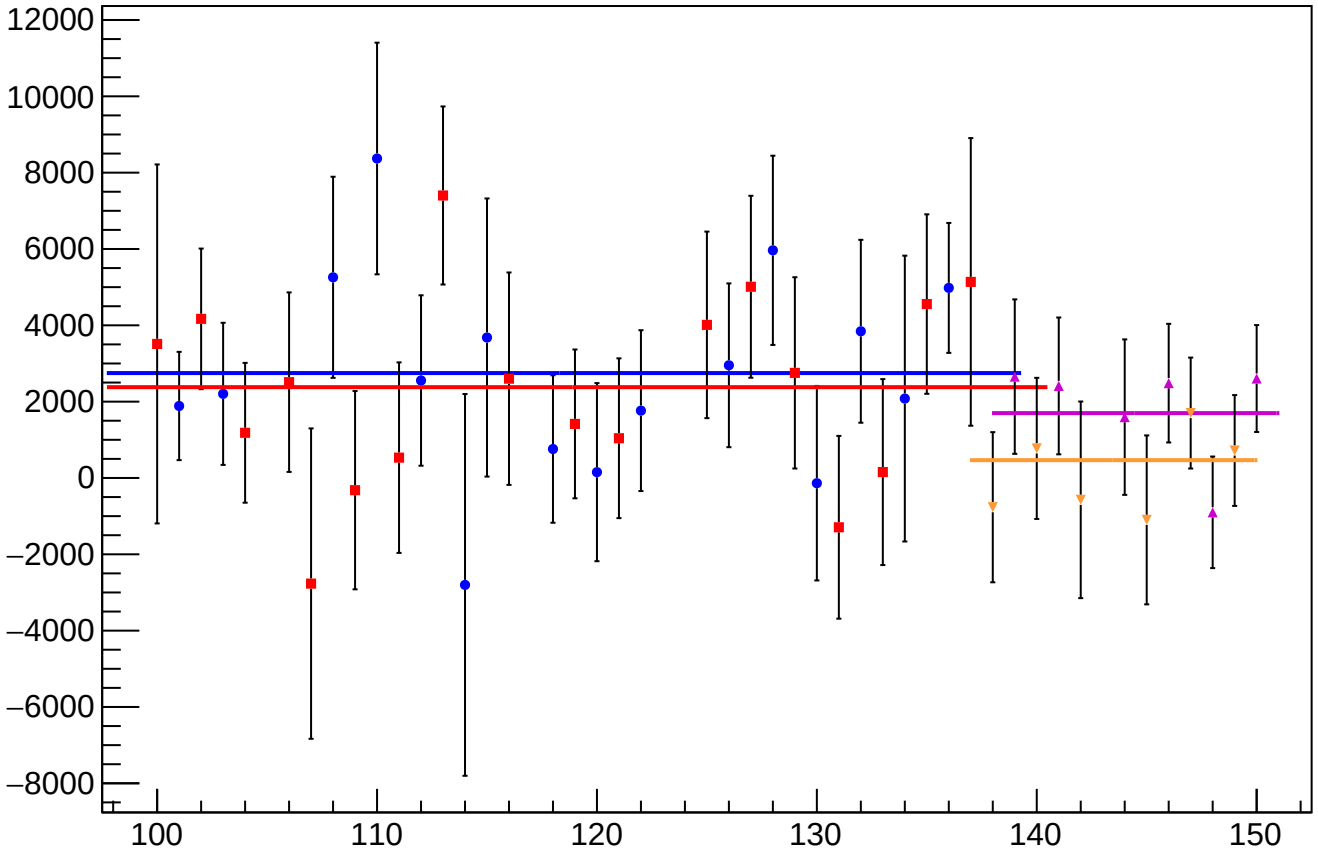
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1260.229+/-0.407 χ^2/NDF:348276.7/5

Out: 1259.512+/-0.440 χ^2/NDF:297241.5/5

All: 1259.898+/-0.299 χ^2/NDF: 645519.6/11

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 466.828+/-734.451 χ^2/NDF:1.8/5

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

Left In: 1699.684+/-675.995 χ^2/NDF:4.2/5

Left: 1134.264+/-497.385 χ^2/NDF: 7.6/11

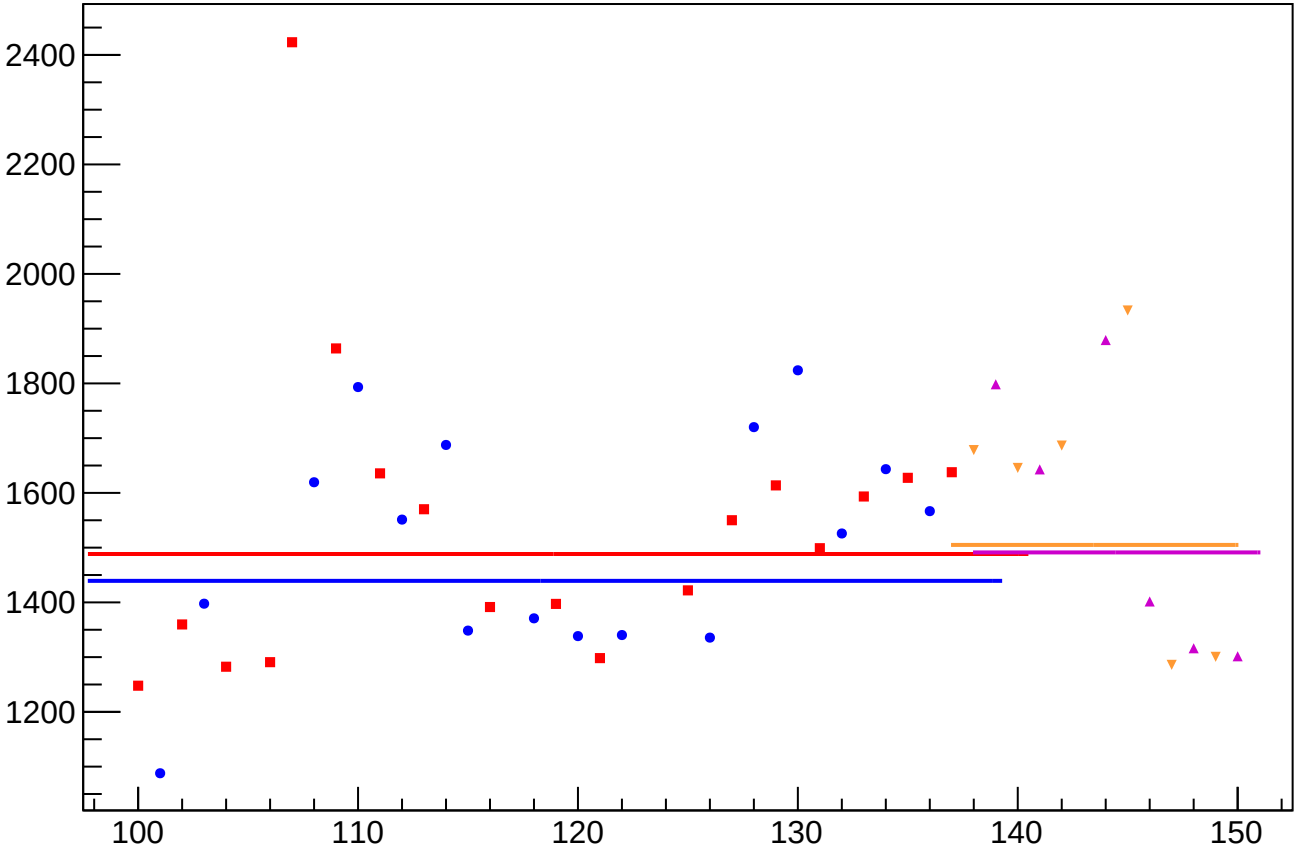
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2319.169+/-432.587 χ^2/NDF:19.2/21

Out: 1662.117+/-449.789 χ^2/NDF:22.3/23

All: 2003.448+/-311.789 χ^2/NDF: 42.6/45

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1504.971+/-0.519 χ^2/NDF:197008.7/5

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

Left In: 1491.269+/-0.478 χ^2/NDF:205013.5/5

Left: 1497.553+/-0.352 χ^2/NDF: 402399.0/11

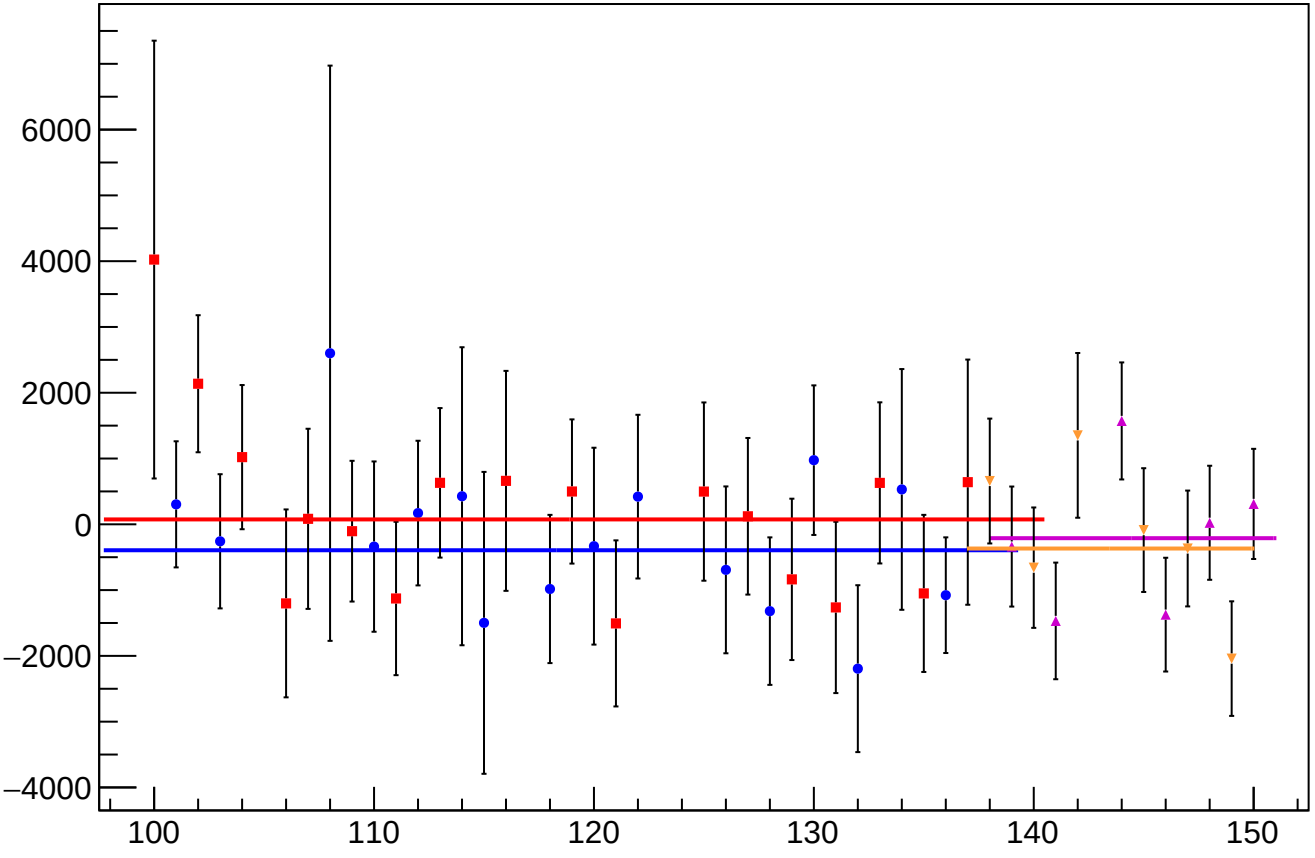
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1460.601+/-0.306 χ^2/NDF:489845.6/21

Out: 1494.605+/-0.318 χ^2/NDF:453971.0/23

All: 1476.940+/-0.220 χ^2/NDF: 949754.8/45

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -368.105+/-386.878 χ^2/NDF:6.9/5

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

Left In: -210.939+/-357.318 χ^2/NDF:8.3/5

Left: -283.290+/-262.491 χ^2/NDF: 15.3/11

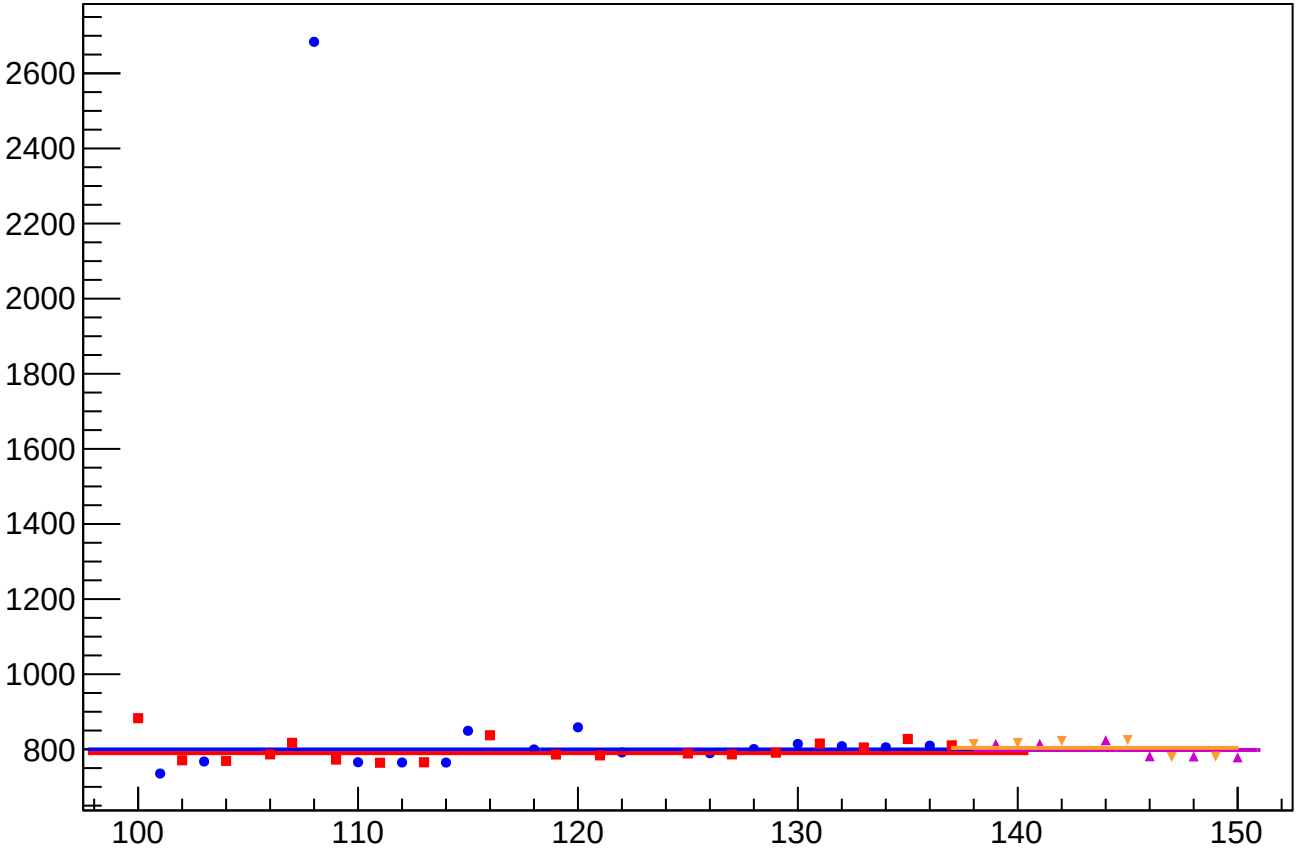
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -314.676+/-235.517 χ^2/NDF:15.9/21

Out: -90.725+/-236.281 χ^2/NDF:20.7/23

All: -203.063+/-166.805 χ^2/NDF: 37.0/45

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 803.760+/-0.274 χ^2/NDF:5022.7/5

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

Left In: 798.260+/-0.253 χ^2/NDF:5647.2/5

Left: 800.792+/-0.186 χ^2/NDF: 10888.0/11

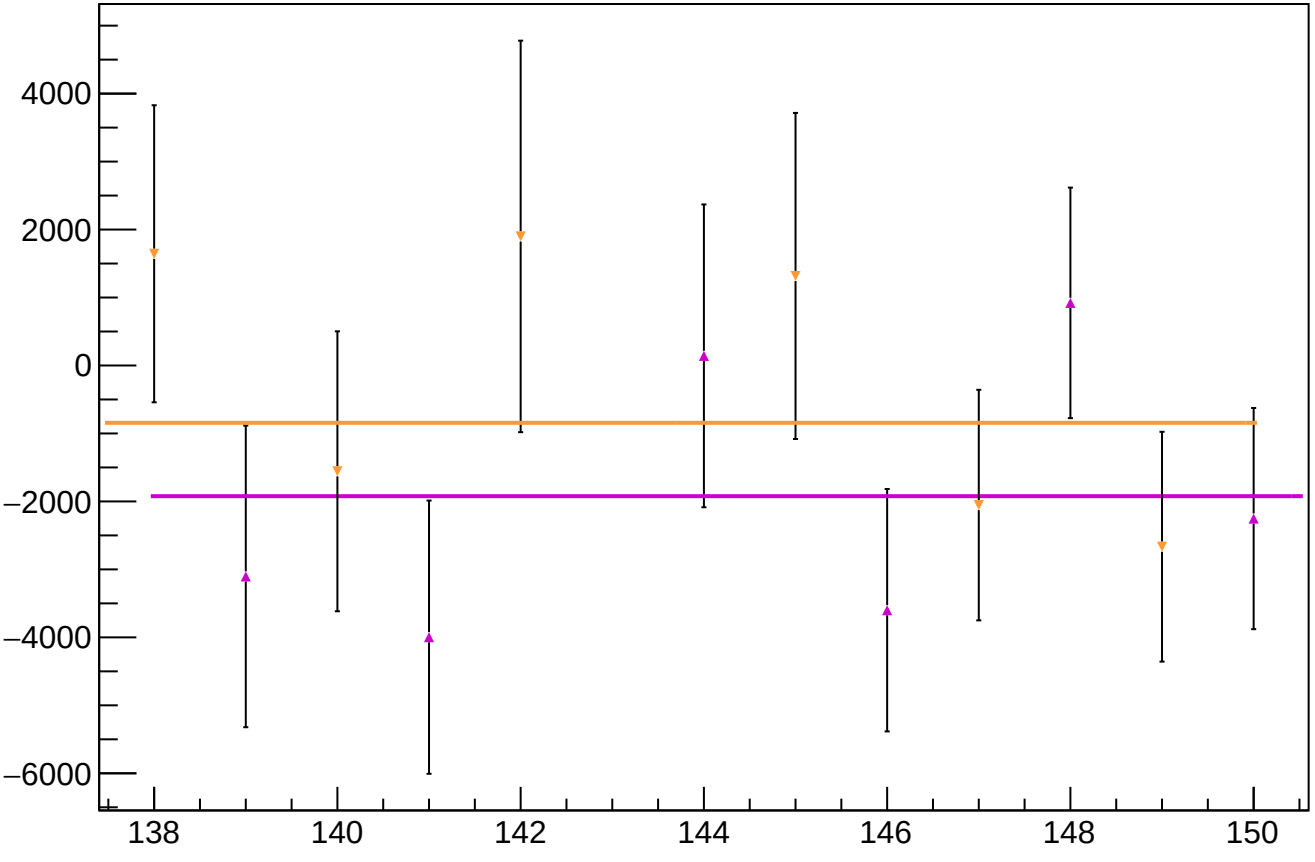
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 798.982+/-0.167 χ^2/NDF:396847.5/21

Out: 795.003+/-0.167 χ^2/NDF:17831.9/23

All: 796.999+/-0.118 χ^2/NDF: 414963.9/45

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -843.282+/-834.212 χ^2/NDF:4.8/5

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

Left In: -1922.810+/-768.779 χ^2/NDF:5.9/5

Left: -1427.038+/-565.328 χ^2/NDF: 11.7/11

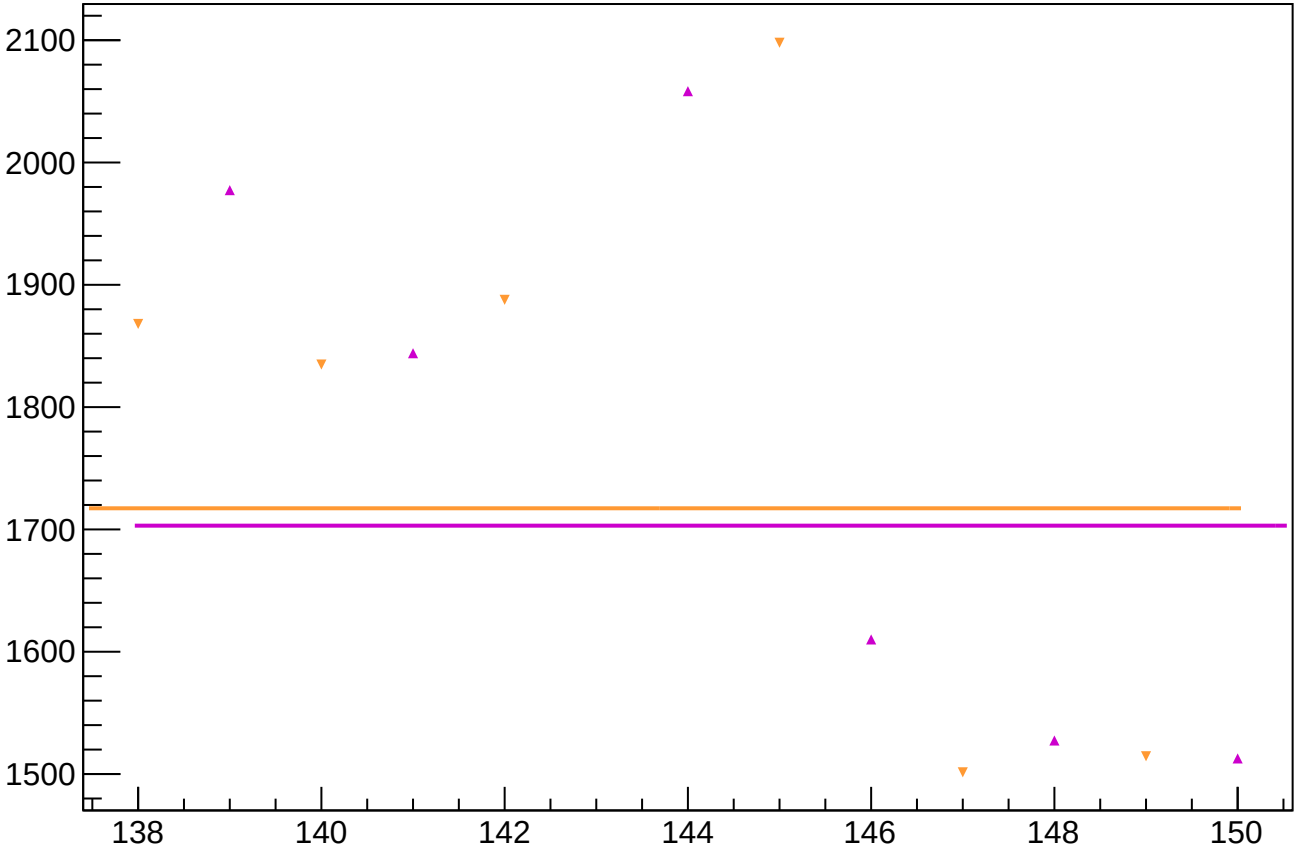
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1922.810+/-768.779 χ^2/NDF:5.9/5

Out: -843.282+/-834.212 χ^2/NDF:4.8/5

All: -1427.038+/-565.328 χ^2/NDF: 11.7/11

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1717.281+/-0.590 χ^2/NDF:134547.3/5

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

Left In: 1703.081+/-0.544 χ^2/NDF:145526.3/5

Left: 1709.602+/-0.400 χ^2/NDF: 280386.9/11

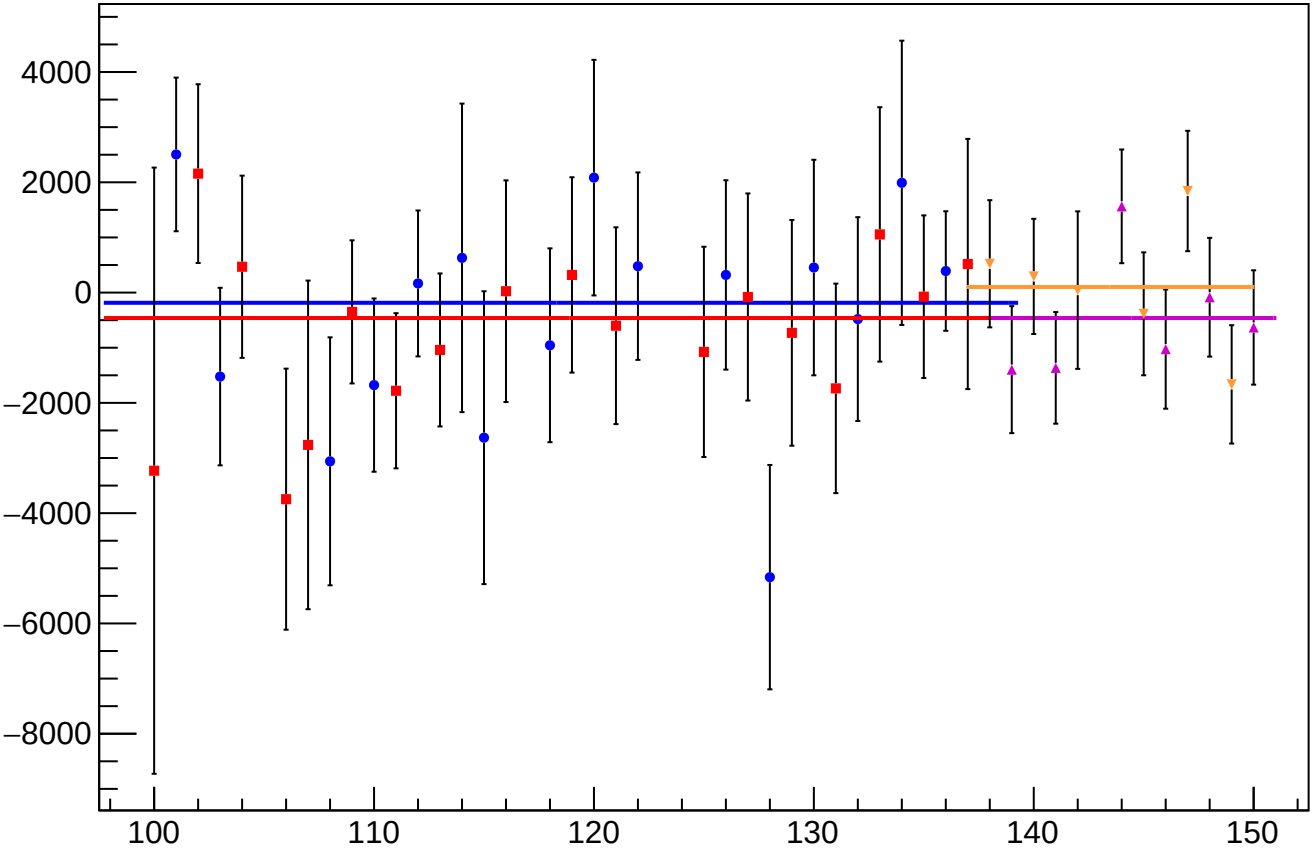
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1703.081+/-0.544 χ^2/NDF:145526.3/5

Out: 1717.281+/-0.590 χ^2/NDF:134547.3/5

All: 1709.602+/-0.400 χ^2/NDF: 280386.9/11

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 101.750+/-462.720 χ^2/NDF:5.6/5

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

Left In: -461.315+/-433.555 χ^2/NDF:5.7/5

Left: -198.085+/-316.378 χ^2/NDF: 12.1/11

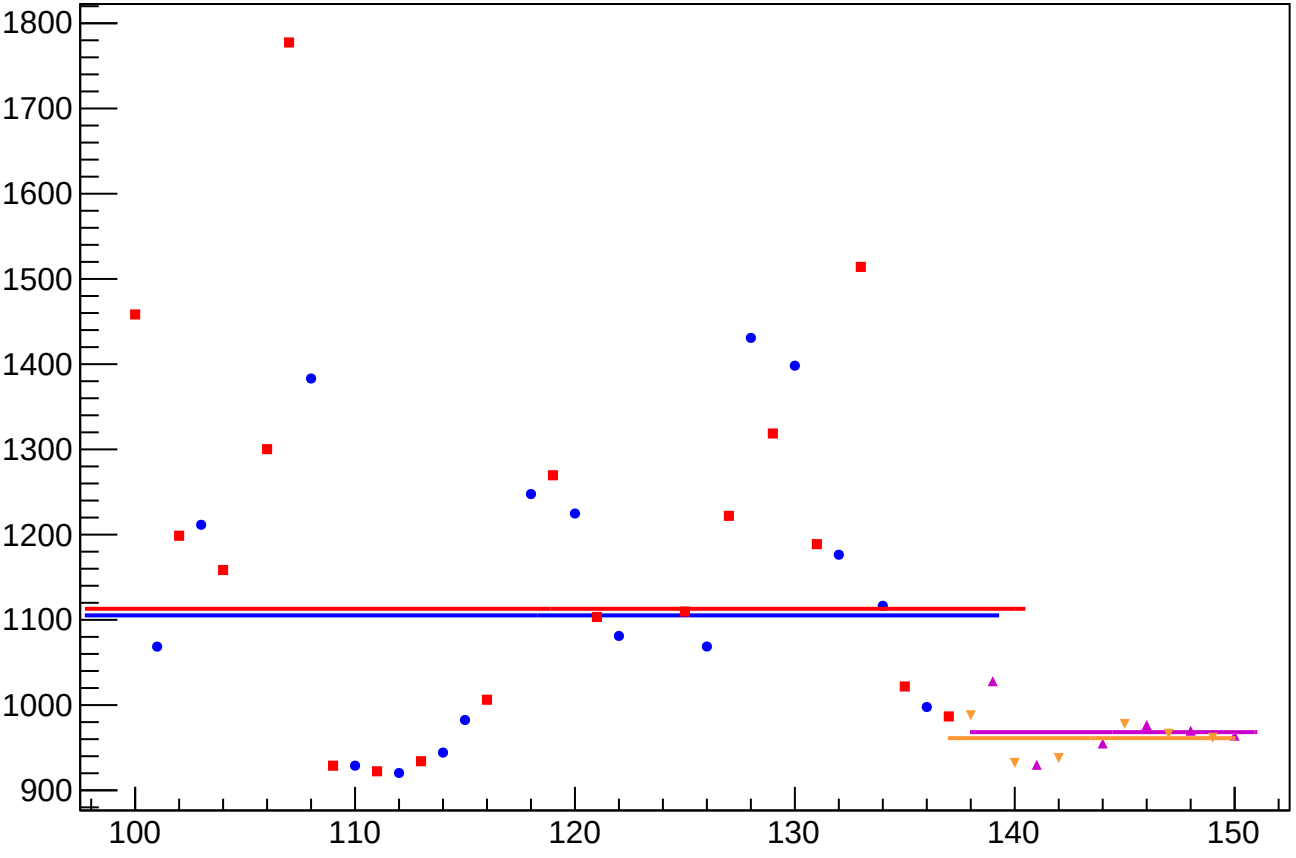
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -322.526+/-305.839 χ^2/NDF:22.6/21

Out: -202.370+/-313.772 χ^2/NDF:14.7/23

All: -263.987+/-219.012 χ^2/NDF: 37.4/45

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 961.194+/-0.327 χ^2/NDF:3654.7/5

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

Left In: 968.244+/-0.307 χ^2/NDF:8738.2/5

Left: 964.948+/-0.224 χ^2/NDF: 12640.2/11

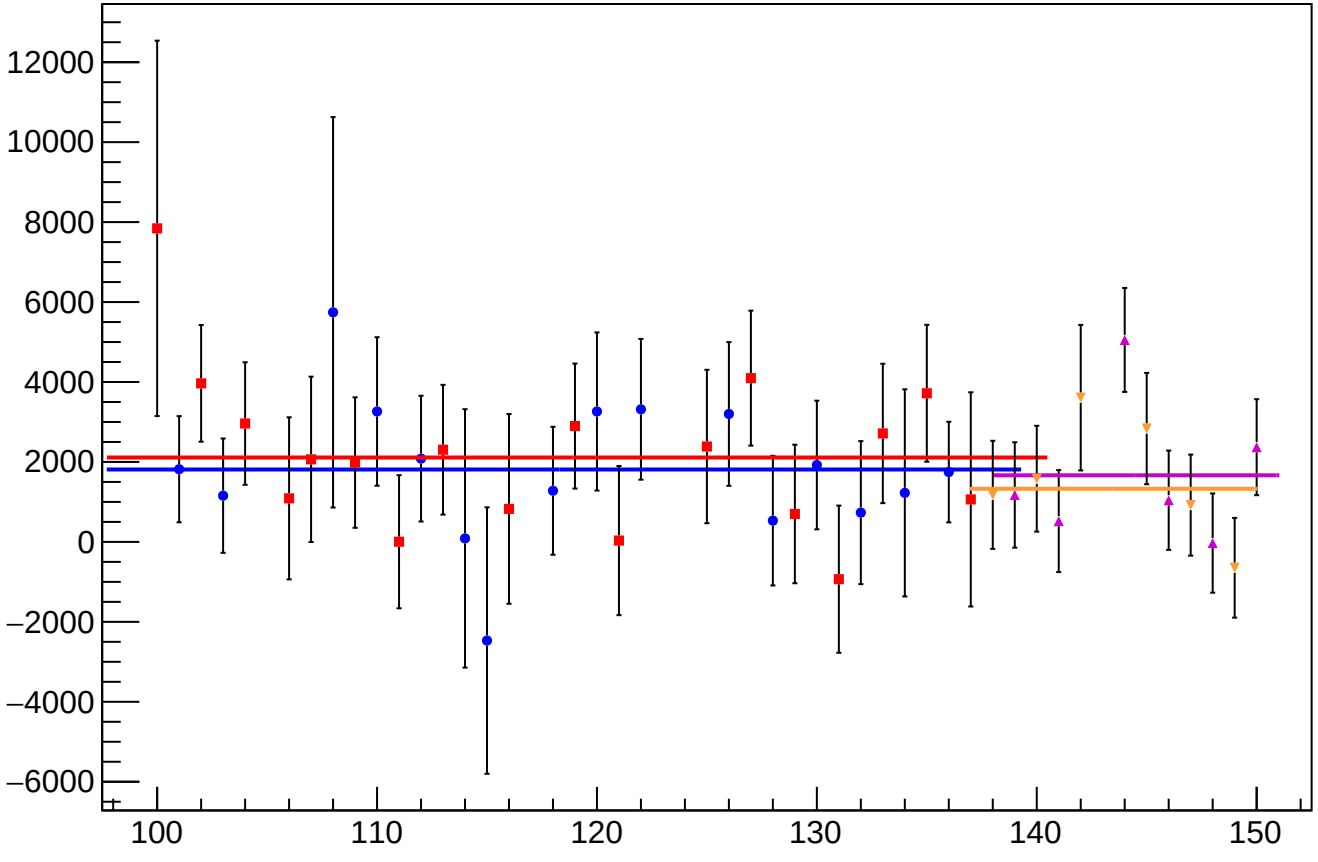
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1037.066+/-0.216 χ^2/NDF:364418.3/21

Out: 1043.181+/-0.222 χ^2/NDF:482891.2/23

All: 1040.046+/-0.155 χ^2/NDF: 847699.0/45

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054+/-442.142 χ^2/NDF: 6.5/15

Left Out: 1329.001+/-558.681 χ^2/NDF:5.4/5

Right Out: 2111.004+/-427.676 χ^2/NDF: 13.0/17

Left In: 1666.054+/-514.921 χ^2/NDF:10.2/5

Left: 1511.243+/-378.631 χ^2/NDF: 15.8/11

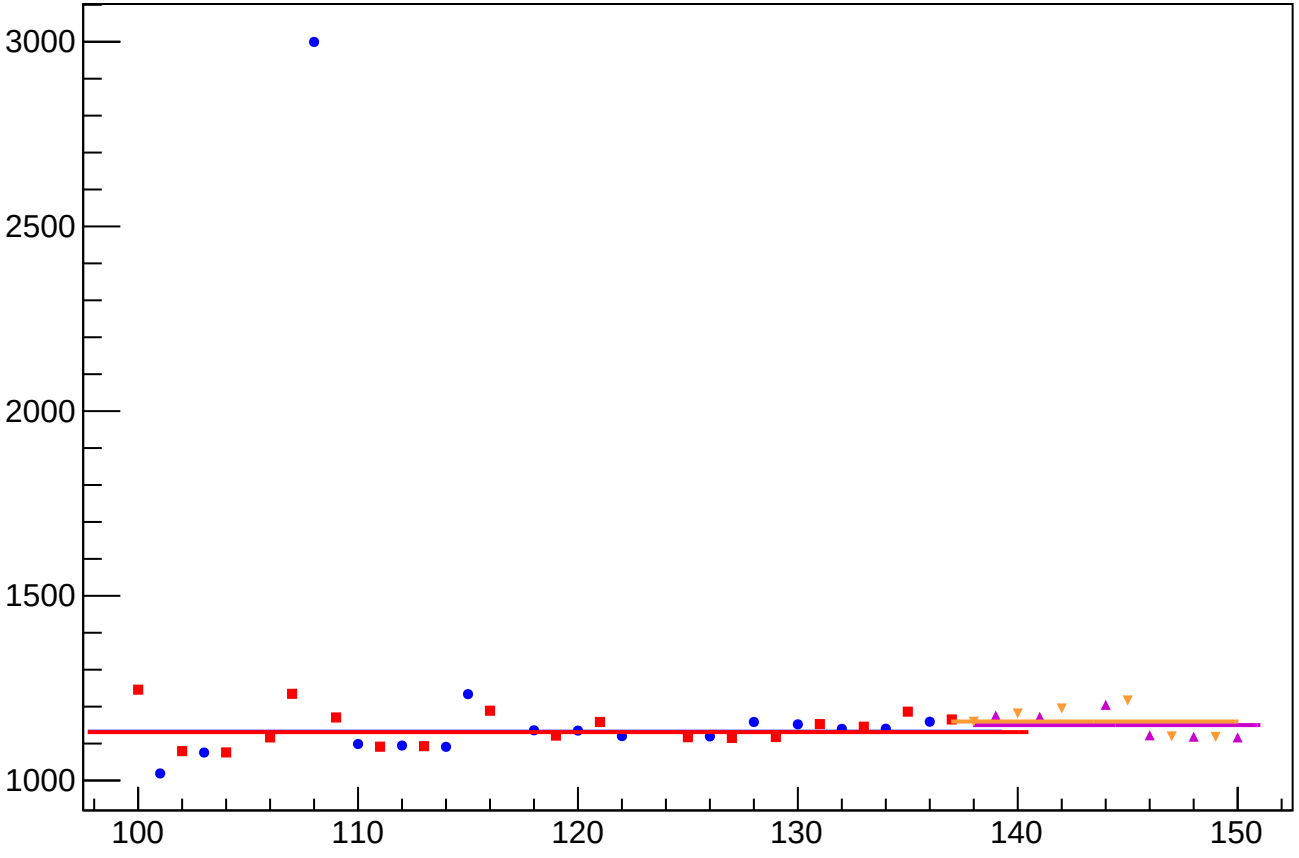
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1749.517+/-335.448 χ^2/NDF:16.7/21

Out: 1822.065+/-339.596 χ^2/NDF:19.7/23

All: 1785.345+/-238.650 χ^2/NDF: 36.4/45

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1159.753+/-0.395 χ^2/NDF:8915.9/5

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

Left In: 1149.981+/-0.364 χ^2/NDF:8756.0/5

Left: 1154.469+/-0.268 χ^2/NDF: 18002.7/11

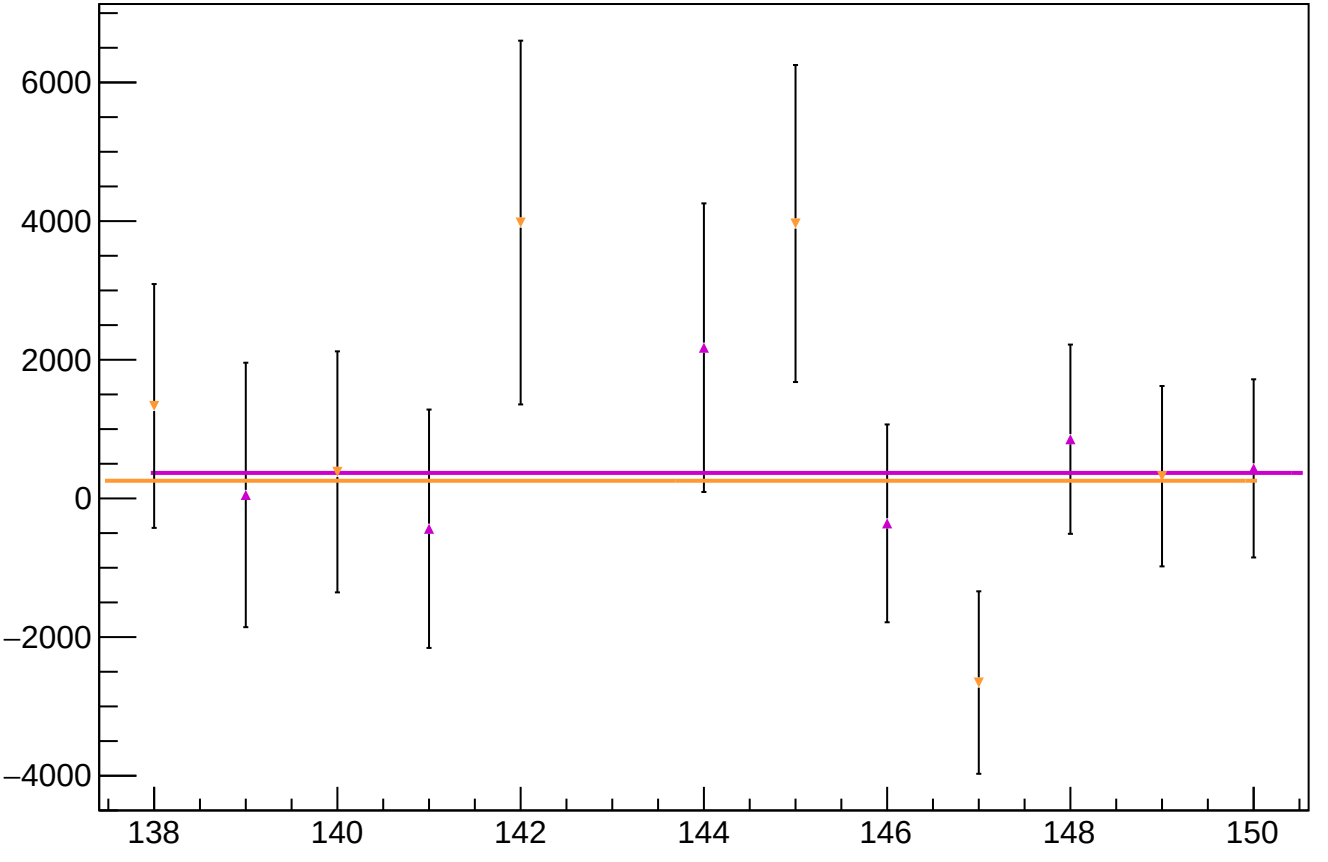
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1139.674+/-0.237 χ^2/NDF:326174.4/21

Out: 1141.634+/-0.240 χ^2/NDF:31971.3/23

All: 1140.642+/-0.169 χ^2/NDF: 358179.5/45

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 255.152+/-680.554 χ^2/NDF:9.9/5

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

Left In: 368.152+/-635.255 χ^2/NDF:1.4/5

Left: 315.538+/-464.382 χ^2/NDF: 11.3/11

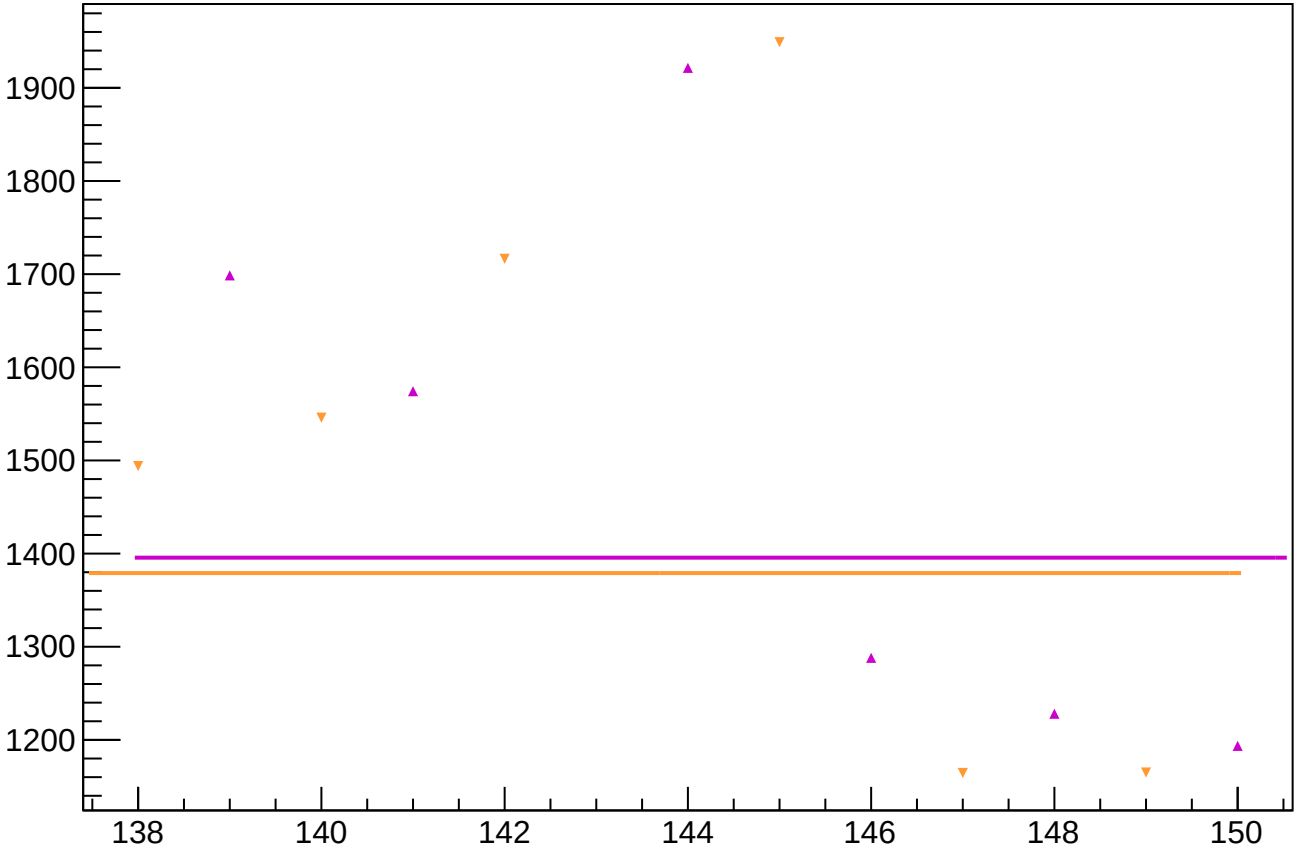
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 368.152+/-635.255 χ^2/NDF:1.4/5

Out: 255.152+/-680.554 χ^2/NDF:9.9/5

All: 315.538+/-464.382 χ^2/NDF: 11.3/11

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1379.100+/-0.481 χ^2/NDF:291644.6/5

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

Left In: 1395.637+/-0.449 χ^2/NDF:290721.5/5

Left: 1387.937+/-0.328 χ^2/NDF: 582997.1/11

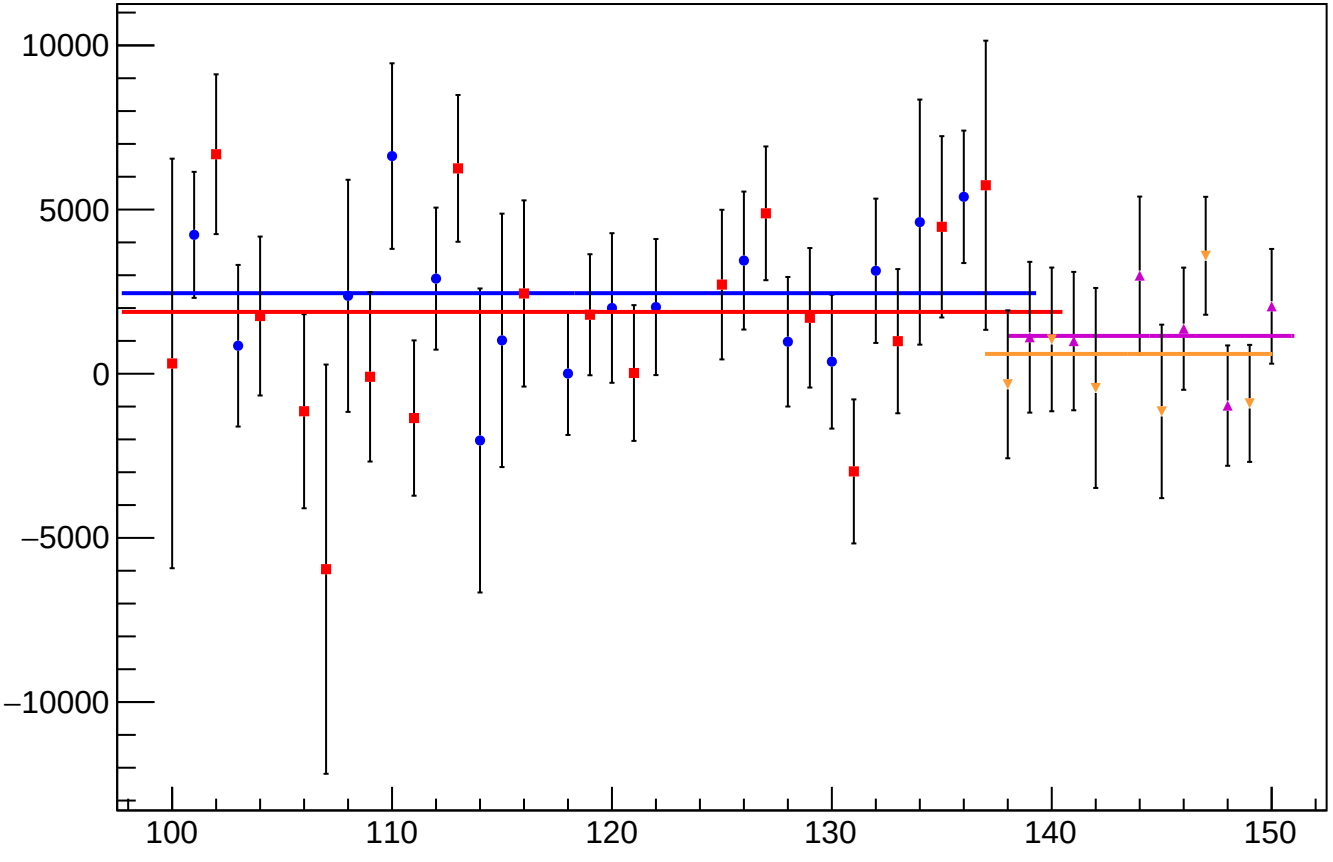
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1395.637+/-0.449 χ^2/NDF:290721.5/5

Out: 1379.100+/-0.481 χ^2/NDF:291644.6/5

All: 1387.937+/-0.328 χ^2/NDF: 582997.1/11

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 602.994+/-883.293 χ^2/NDF:4.2/5

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

Left In: 1152.453+/-816.092 χ^2/NDF:2.2/5

Left: 899.418+/-599.415 χ^2/NDF: 6.7/11

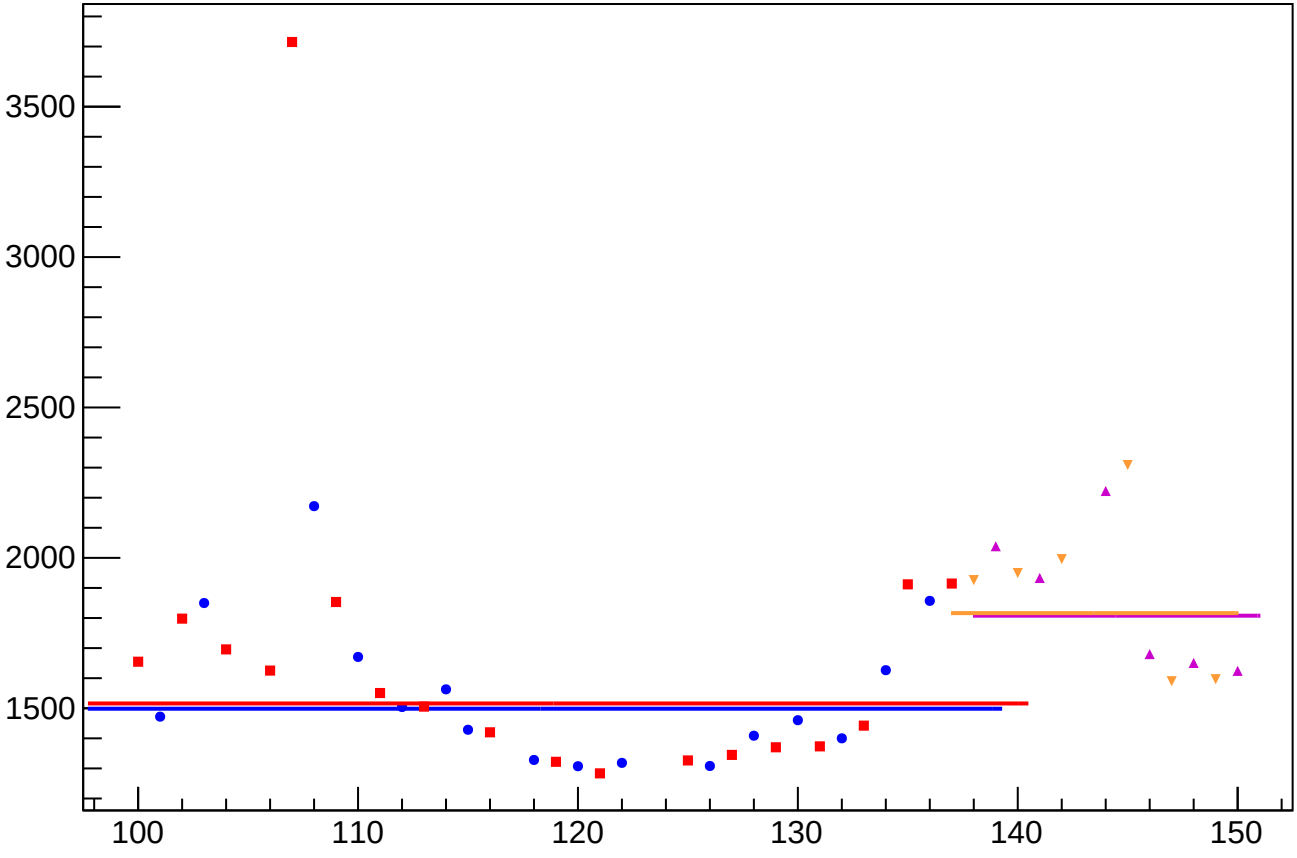
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 2012.688+/-475.089 χ^2/NDF:14.6/21

Out: 1494.241+/-486.680 χ^2/NDF:28.5/23

All: 1759.712+/-339.962 χ^2/NDF: 43.7/45

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1816.286+/-0.625 χ^2/NDF:150747.7/5

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

Left In: 1807.759+/-0.577 χ^2/NDF:132784.9/5

Left: 1811.686+/-0.424 χ^2/NDF: 283633.1/11

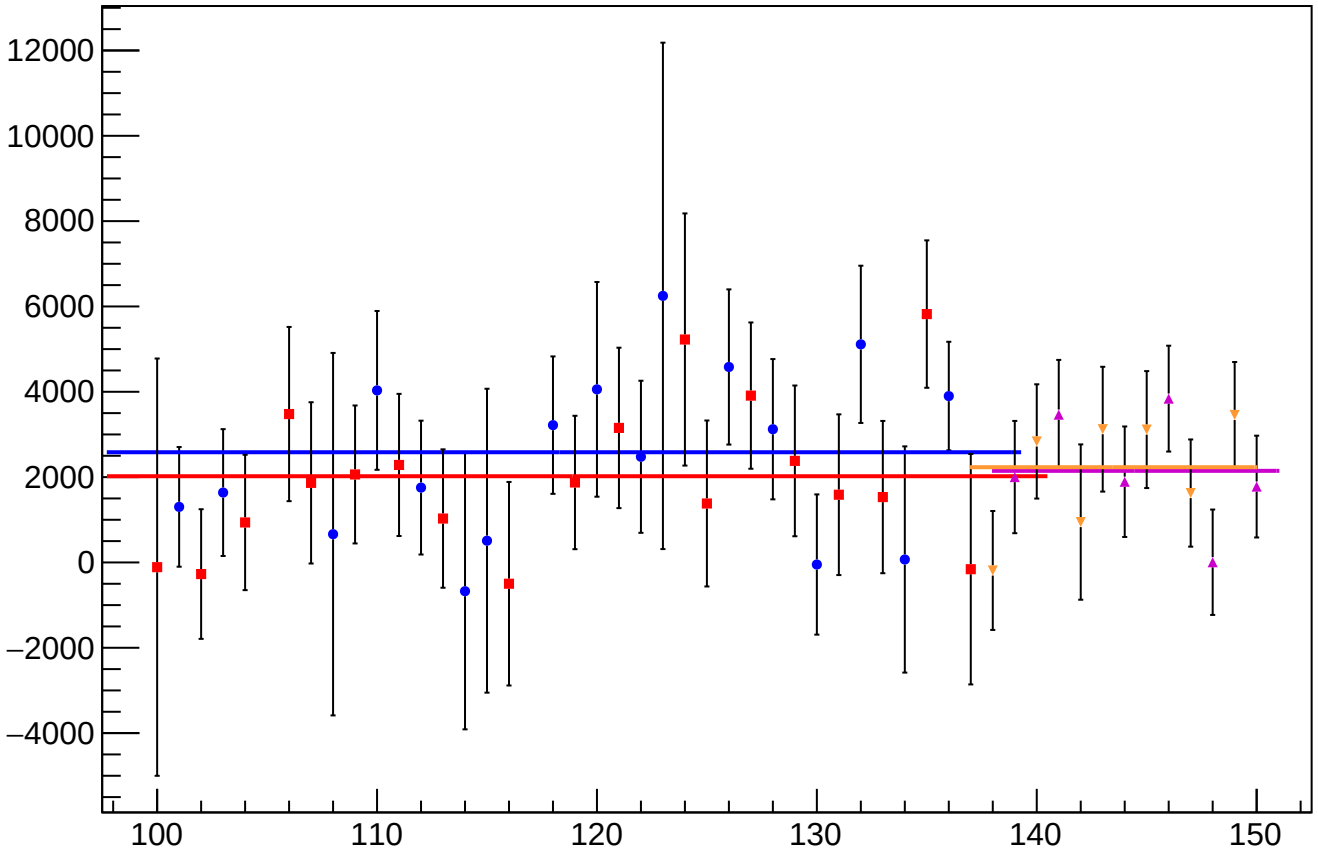
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1603.298+/-0.336 χ^2/NDF:581484.4/21

Out: 1607.126+/-0.344 χ^2/NDF:792319.9/23

All: 1605.166+/-0.240 χ^2/NDF: 1373867.6/45

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988+/-453.193 χ^2/NDF: 12.3/16

Left Out: 2232.207+/-522.940 χ^2/NDF:5.7/6

Right Out: 2020.735+/-426.756 χ^2/NDF: 13.5/18

Left In: 2147.004+/-513.715 χ^2/NDF:6.1/5

Left: 2188.847+/-366.469 χ^2/NDF: 11.8/12

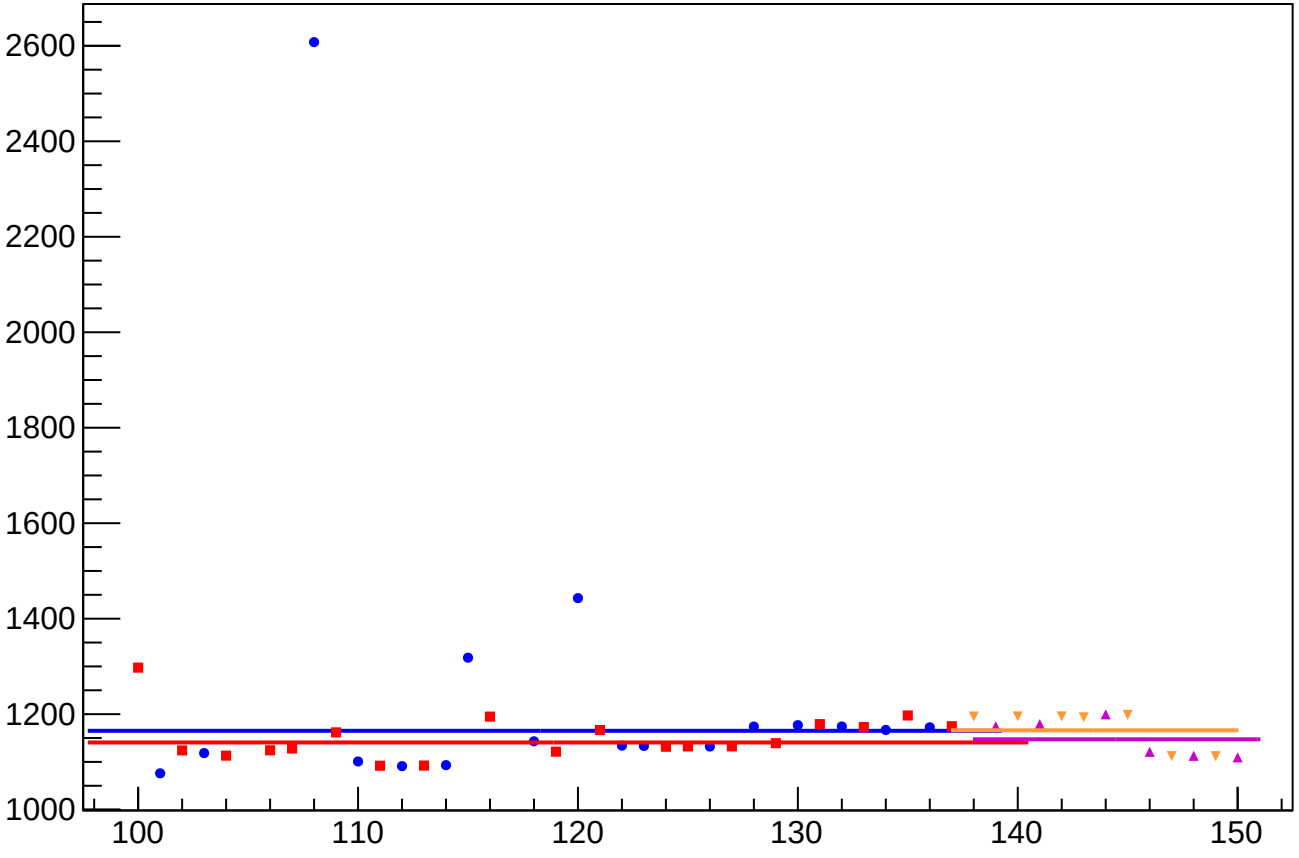
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2392.179+/-339.849 χ^2/NDF:18.8/22

Out: 2105.270+/-330.633 χ^2/NDF:19.3/25

All: 2244.782+/-236.984 χ^2/NDF: 38.4/48

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146+/-0.320 χ^2/NDF: 278570.1/16

Left Out: 1166.234+/-0.370 χ^2/NDF:11635.6/6

Right Out: 1140.752+/-0.302 χ^2/NDF: 12717.7/18

Left In: 1147.377+/-0.363 χ^2/NDF:9840.6/5

Left: 1156.638+/-0.259 χ^2/NDF: 22799.5/12

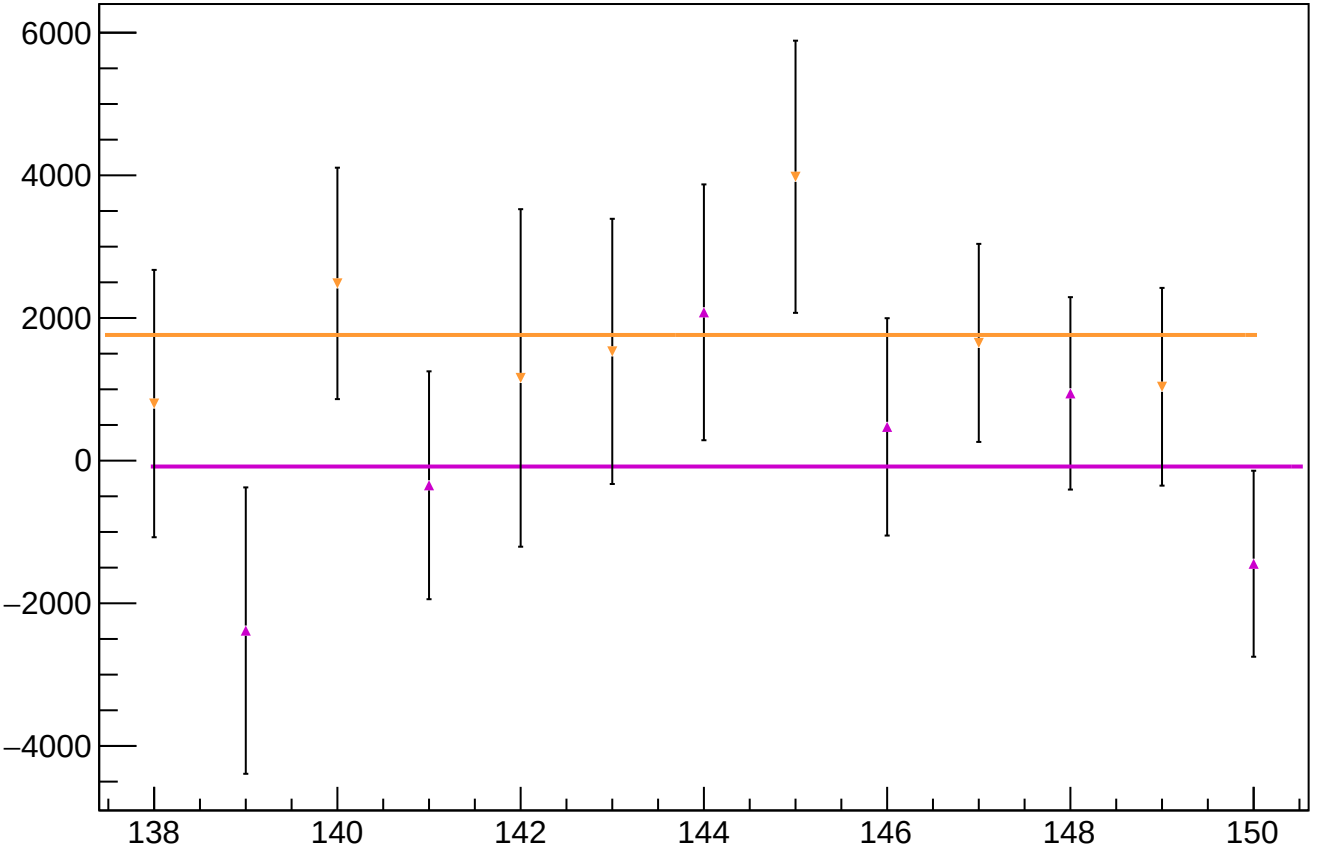
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1157.370+/-0.240 χ^2/NDF:289756.3/22

Out: 1150.938+/-0.234 χ^2/NDF:27203.8/25

All: 1154.066+/-0.168 χ^2/NDF: 317328.1/48

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1761.998+/-639.306 χ^2/NDF:2.2/6

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

Left In: -82.456+/-629.992 χ^2/NDF:4.6/5

Left: 826.238+/-448.728 χ^2/NDF: 11.0/12

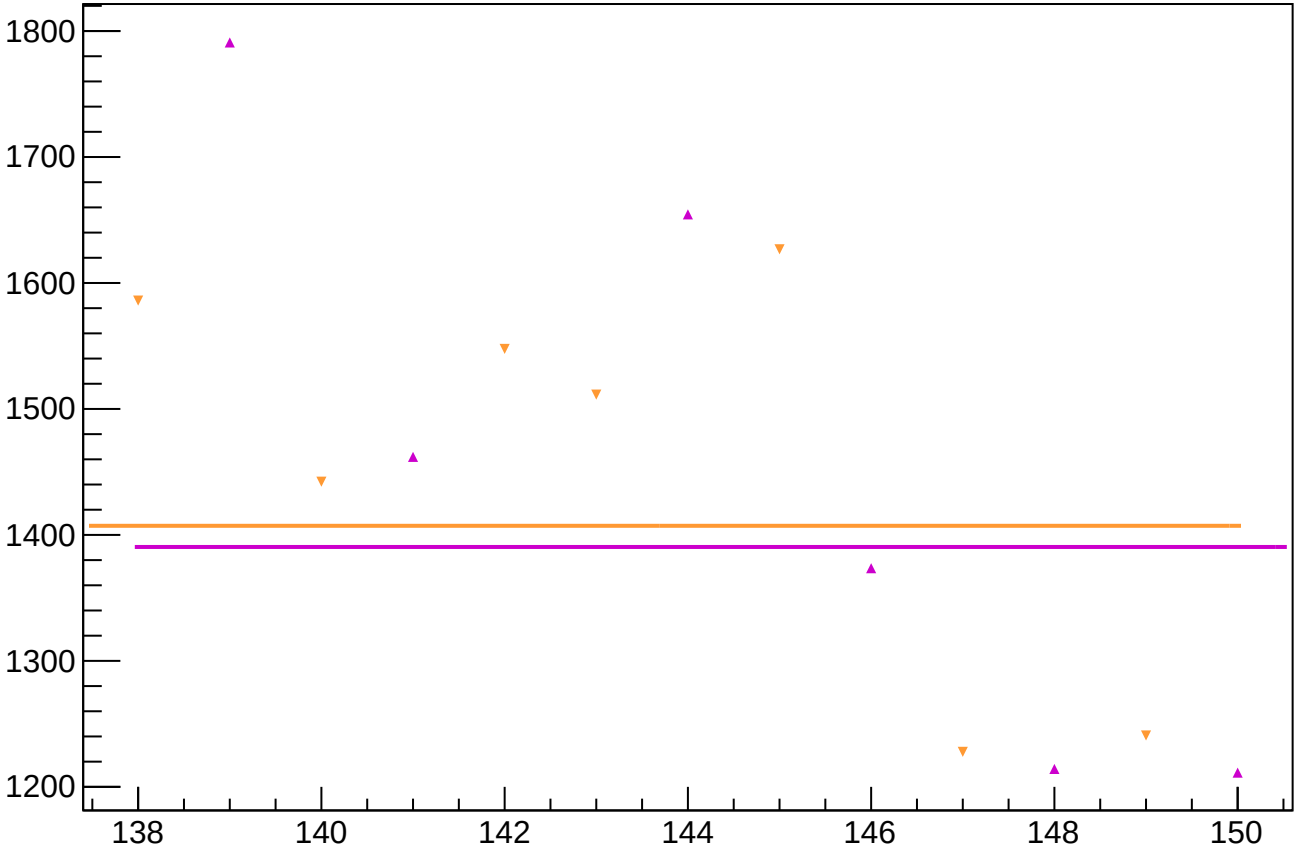
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -82.456+/-629.992 χ^2/NDF:4.6/5

Out: 1761.998+/-639.306 χ^2/NDF:2.2/6

All: 826.238+/-448.728 χ^2/NDF: 11.0/12

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1407.235+/-0.452 χ^2/NDF:121187.7/6

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

Left In: 1390.431+/-0.445 χ^2/NDF:199104.5/5

Left: 1398.710+/-0.317 χ^2/NDF: 320993.2/12

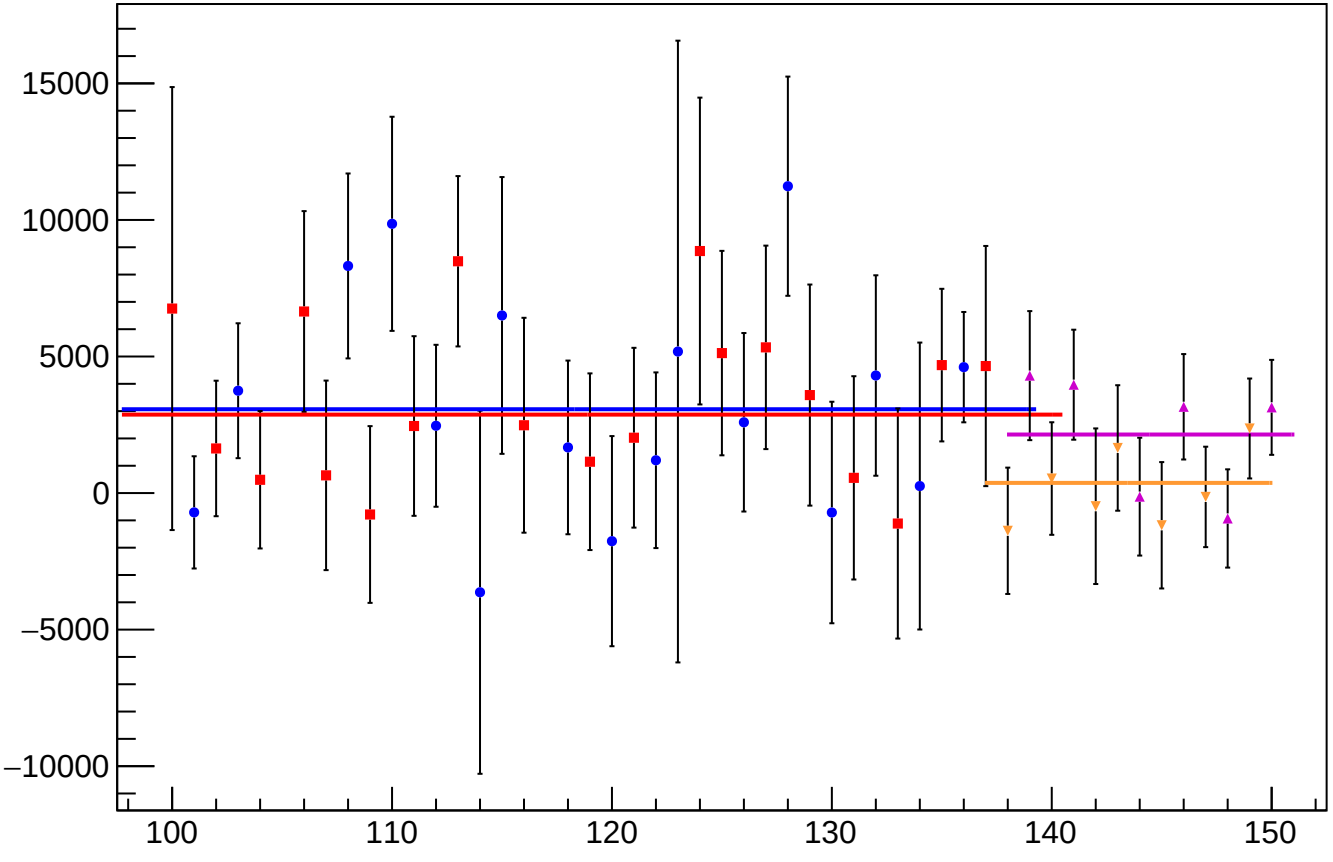
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1390.431+/-0.445 χ^2/NDF:199104.5/5

Out: 1407.235+/-0.452 χ^2/NDF:121187.7/6

All: 1398.710+/-0.317 χ^2/NDF: 320993.2/12

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 372.515+/-812.062 χ^2/NDF:2.7/6

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

Left In: 2143.460+/-803.531 χ^2/NDF:6.3/5

Left: 1267.339+/-571.175 χ^2/NDF: 11.4/12

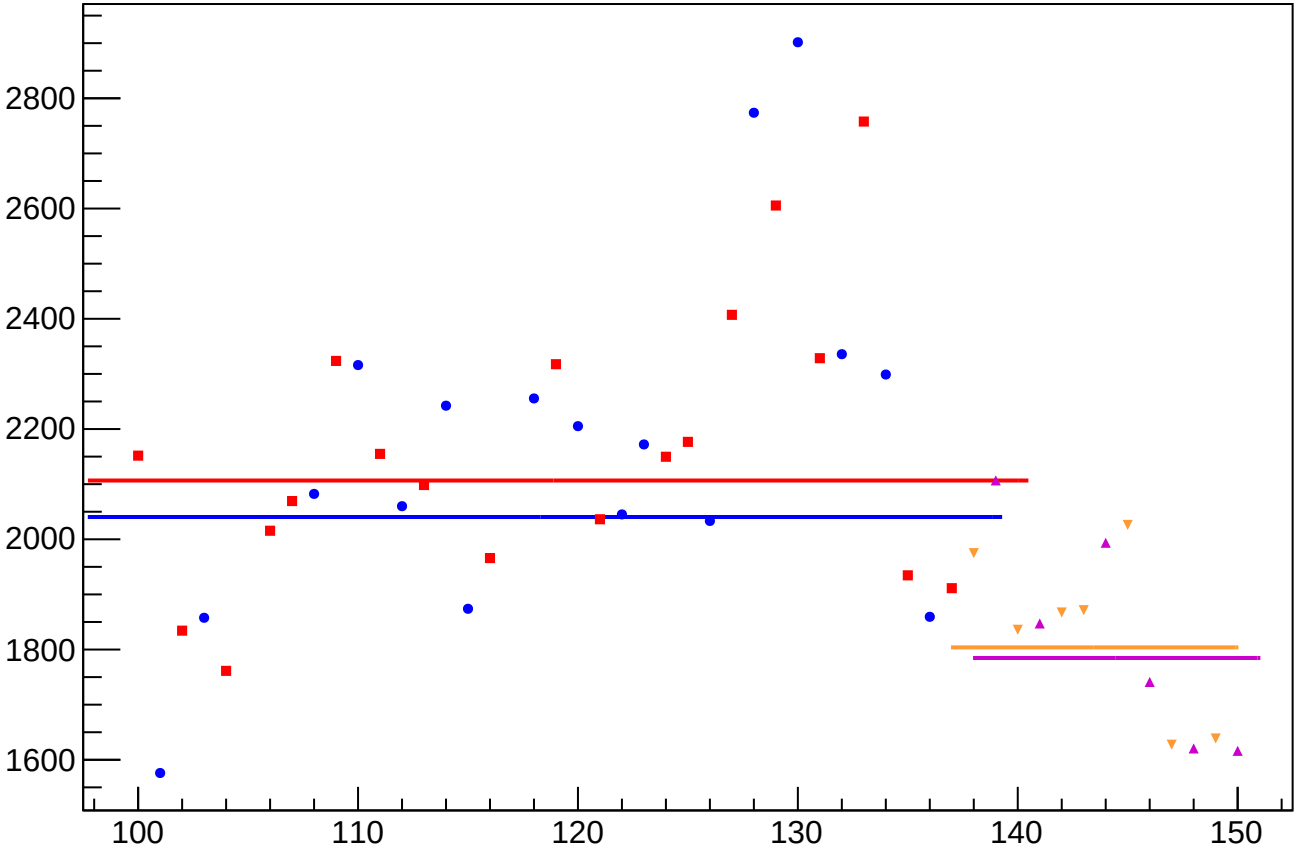
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2609.821+/-566.124 χ^2/NDF:25.5/22

Out: 1648.552+/-568.215 χ^2/NDF:19.1/25

All: 2130.958+/-401.047 χ^2/NDF: 46.0/48

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1803.892+/-0.574 χ^2/NDF:67296.2/6

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

Left In: 1784.693+/-0.568 χ^2/NDF:94320.8/5

Left: 1794.191+/-0.404 χ^2/NDF: 162181.8/12

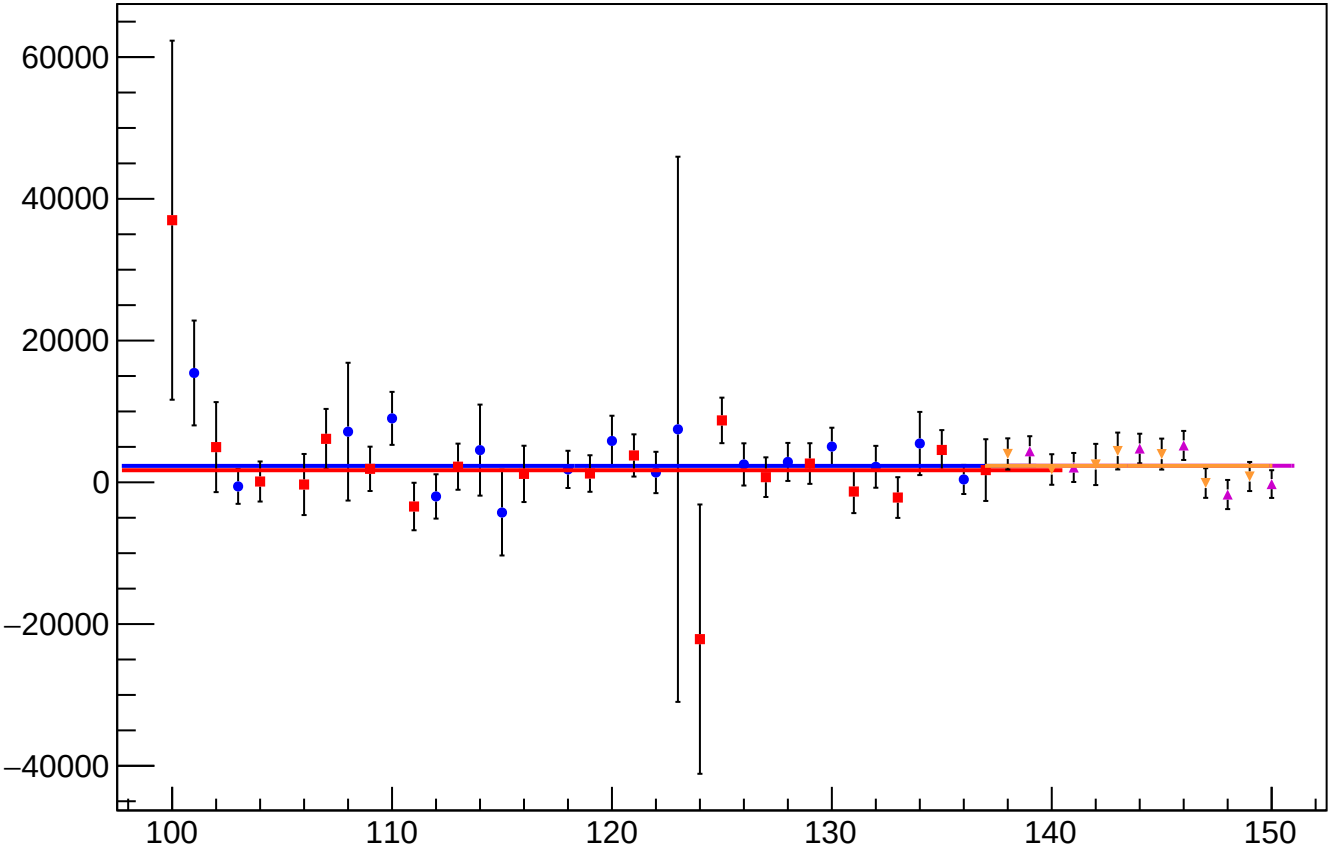
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1913.488+/-0.400 χ^2/NDF:527689.6/22

Out: 1958.404+/-0.402 χ^2/NDF:404575.6/25

All: 1935.863+/-0.284 χ^2/NDF: 938536.9/48

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038+/-801.440 χ^2/NDF: 14.8/16

Left Out: 2326.794+/-856.478 χ^2/NDF:3.7/6

Right Out: 1705.508+/-782.848 χ^2/NDF: 17.2/18

Left In: 2337.165+/-837.485 χ^2/NDF:9.9/5

Left: 2332.095+/-598.793 χ^2/NDF: 13.6/12

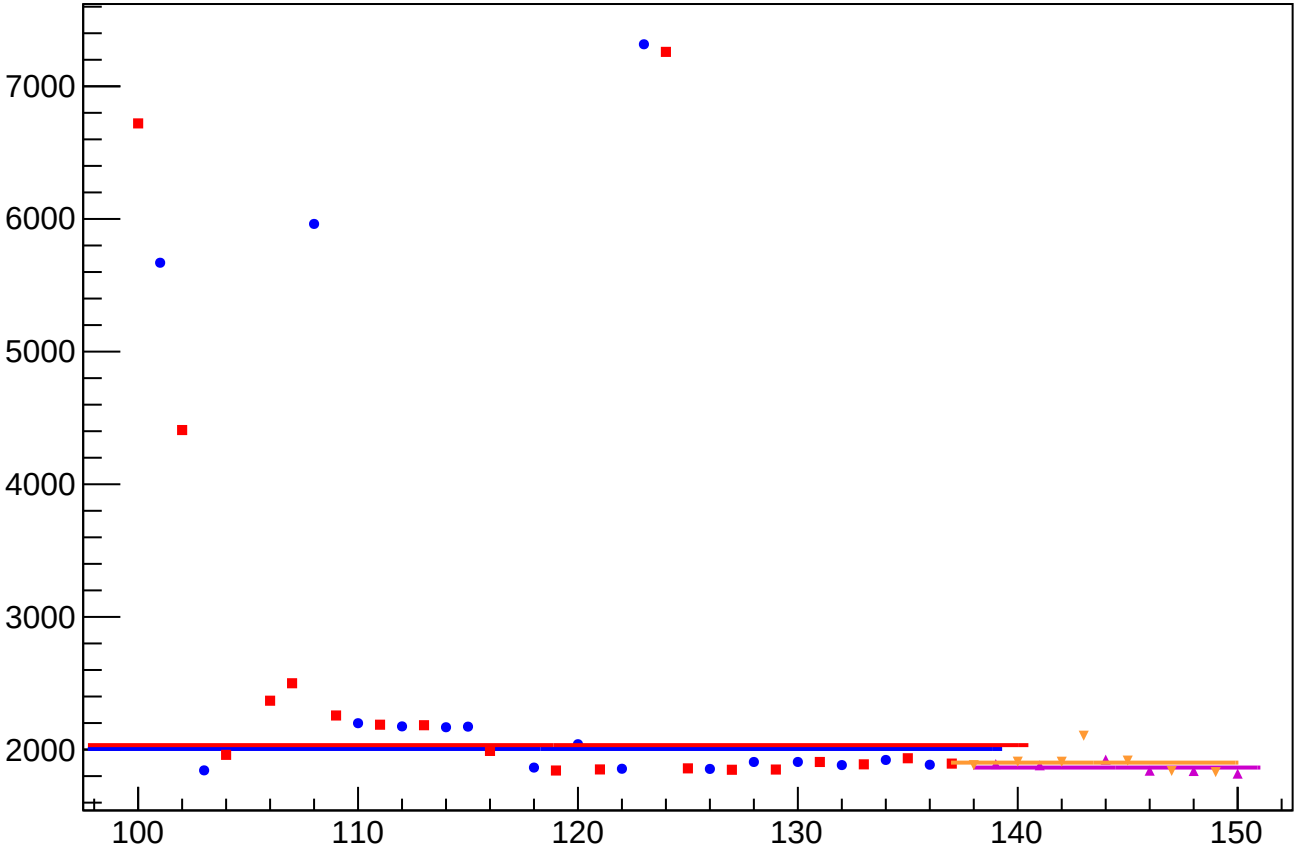
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2327.703+/-579.027 χ^2/NDF:24.7/22

Out: 1988.302+/-577.837 χ^2/NDF:21.2/25

All: 2157.653+/-409.013 χ^2/NDF: 46.1/48

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1901.701+/-0.606 χ^2/NDF:16676.7/6

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

Left In: 1864.470+/-0.592 χ^2/NDF:3753.7/5

Left: 1882.668+/-0.423 χ^2/NDF: 22362.4/12

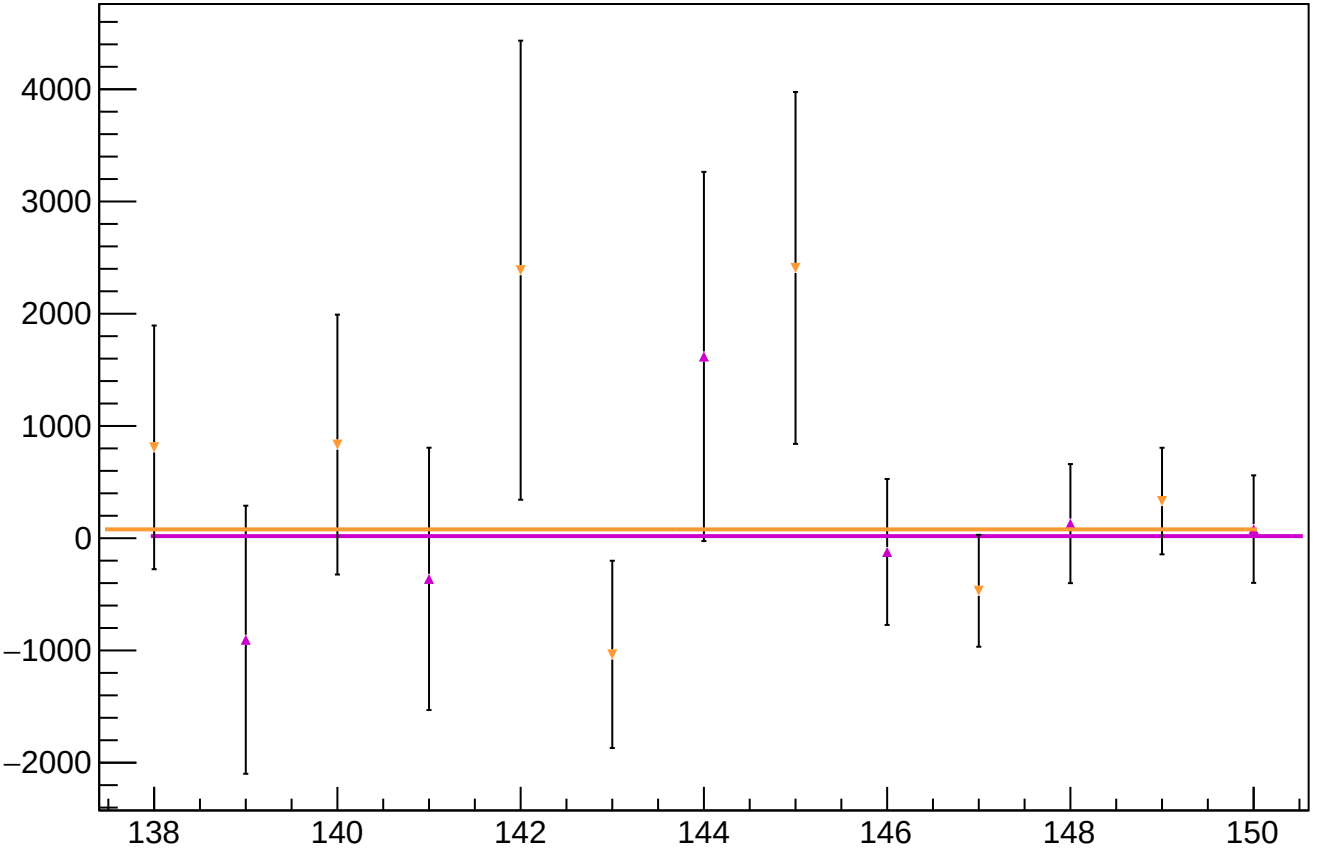
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1937.590+/-0.409 χ^2/NDF:948974.2/22

Out: 1973.503+/-0.409 χ^2/NDF:653486.1/25

All: 1955.583+/-0.289 χ^2/NDF: 1606315.2/48

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 78.875+/-286.989 χ^2/NDF:7.6/6

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

Left In: 18.694+/-287.718 χ^2/NDF:1.8/5

Left: 48.861+/-203.189 χ^2/NDF: 9.4/12

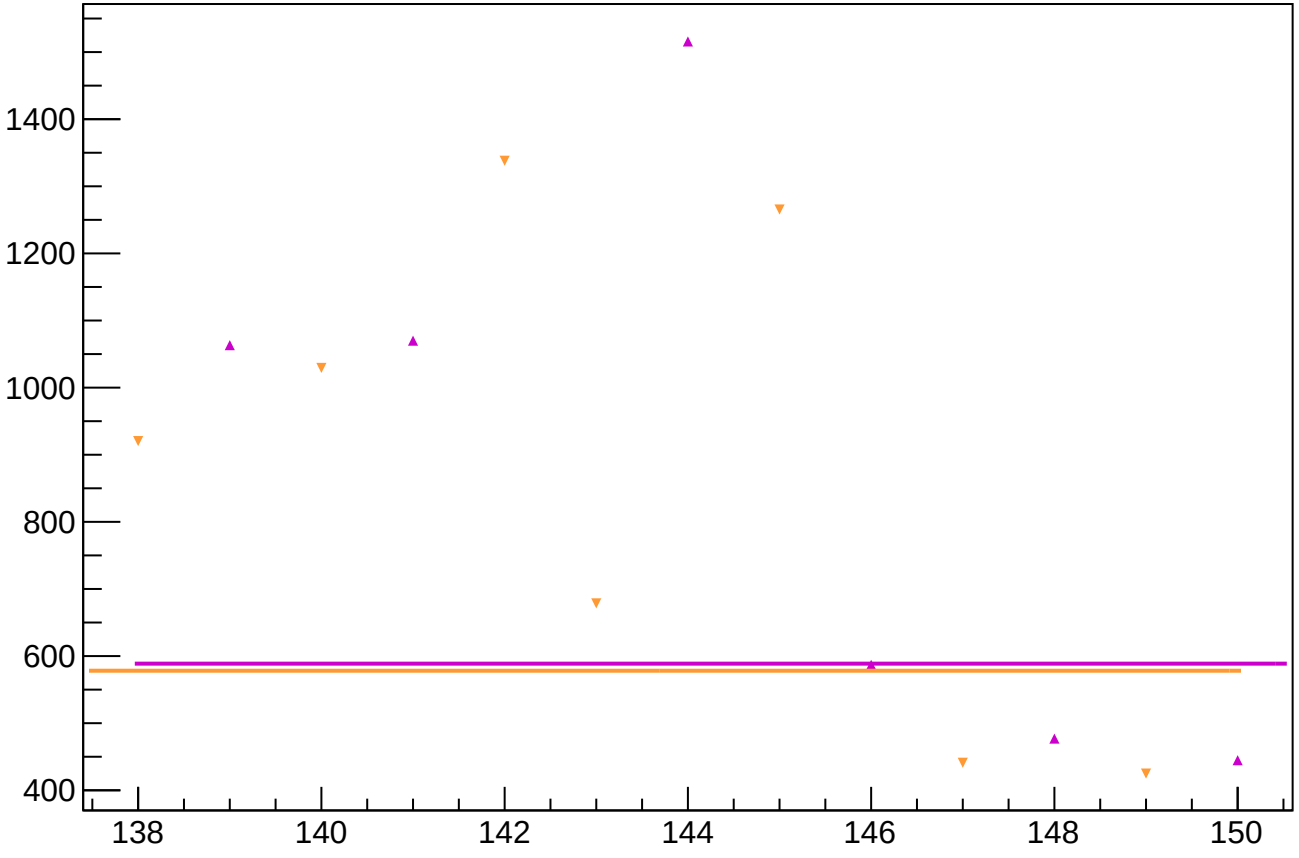
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.694+/-287.718 χ^2/NDF:1.8/5

Out: 78.875+/-286.989 χ^2/NDF:7.6/6

All: 48.861+/-203.189 χ^2/NDF: 9.4/12

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 578.197+/-0.203 χ^2/NDF:1551840.7/6

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

Left In: 588.719+/-0.203 χ^2/NDF:1559655.8/5

Left: 583.445+/-0.144 χ^2/NDF: 3112837.4/12

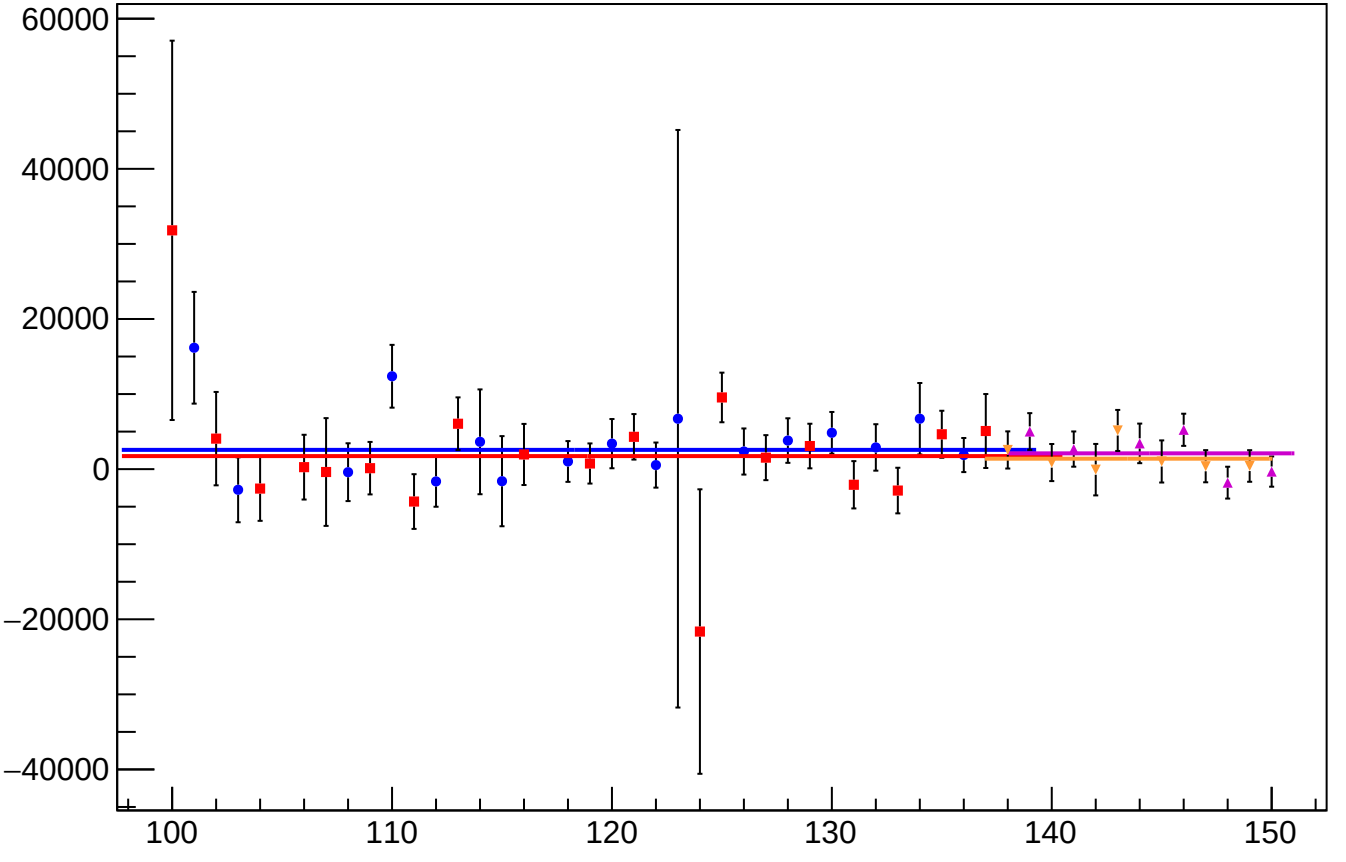
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 588.719+/-0.203 χ^2/NDF:1559655.8/5

Out: 578.197+/-0.203 χ^2/NDF:1551840.7/6

All: 583.445+/-0.144 χ^2/NDF: 3112837.4/12

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797+/-856.089 χ^2/NDF: 15.6/16

Left Out: 1392.028+/-946.269 χ^2/NDF:2.8/6

Right Out: 1737.684+/-853.181 χ^2/NDF: 20.5/18

Left In: 2102.922+/-920.755 χ^2/NDF:8.7/5

Left: 1757.188+/-659.908 χ^2/NDF: 11.8/12

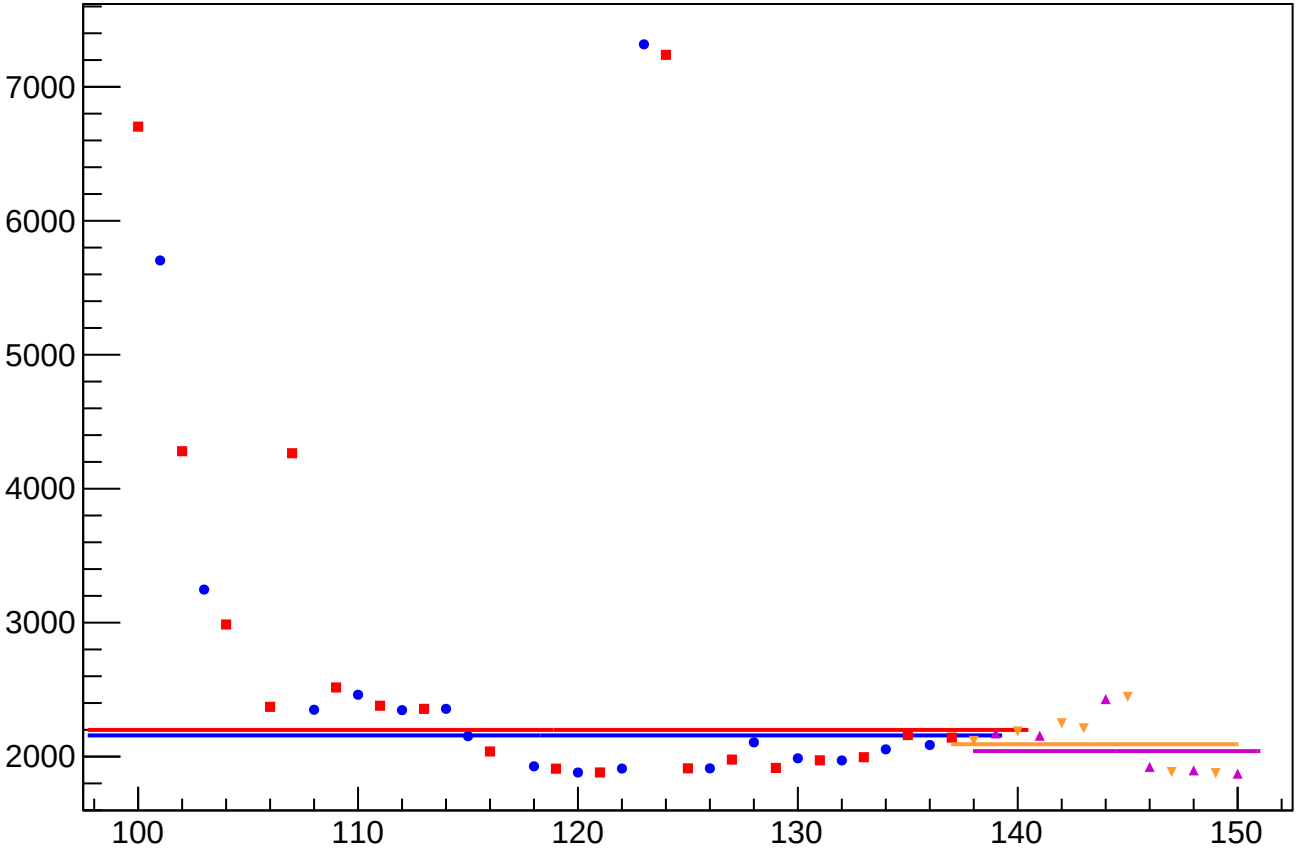
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2351.719+/-626.962 χ^2/NDF:24.4/22

Out: 1582.689+/-633.652 χ^2/NDF:23.4/25

All: 1971.285+/-445.675 χ^2/NDF: 48.5/48

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148+/-0.605 χ^2/NDF: 713862.1/16

Left Out: 2092.373+/-0.669 χ^2/NDF:82676.5/6

Right Out: 2199.343+/-0.603 χ^2/NDF: 803022.0/18

Left In: 2041.027+/-0.651 χ^2/NDF:83168.5/5

Left: 2065.998+/-0.467 χ^2/NDF: 168869.7/12

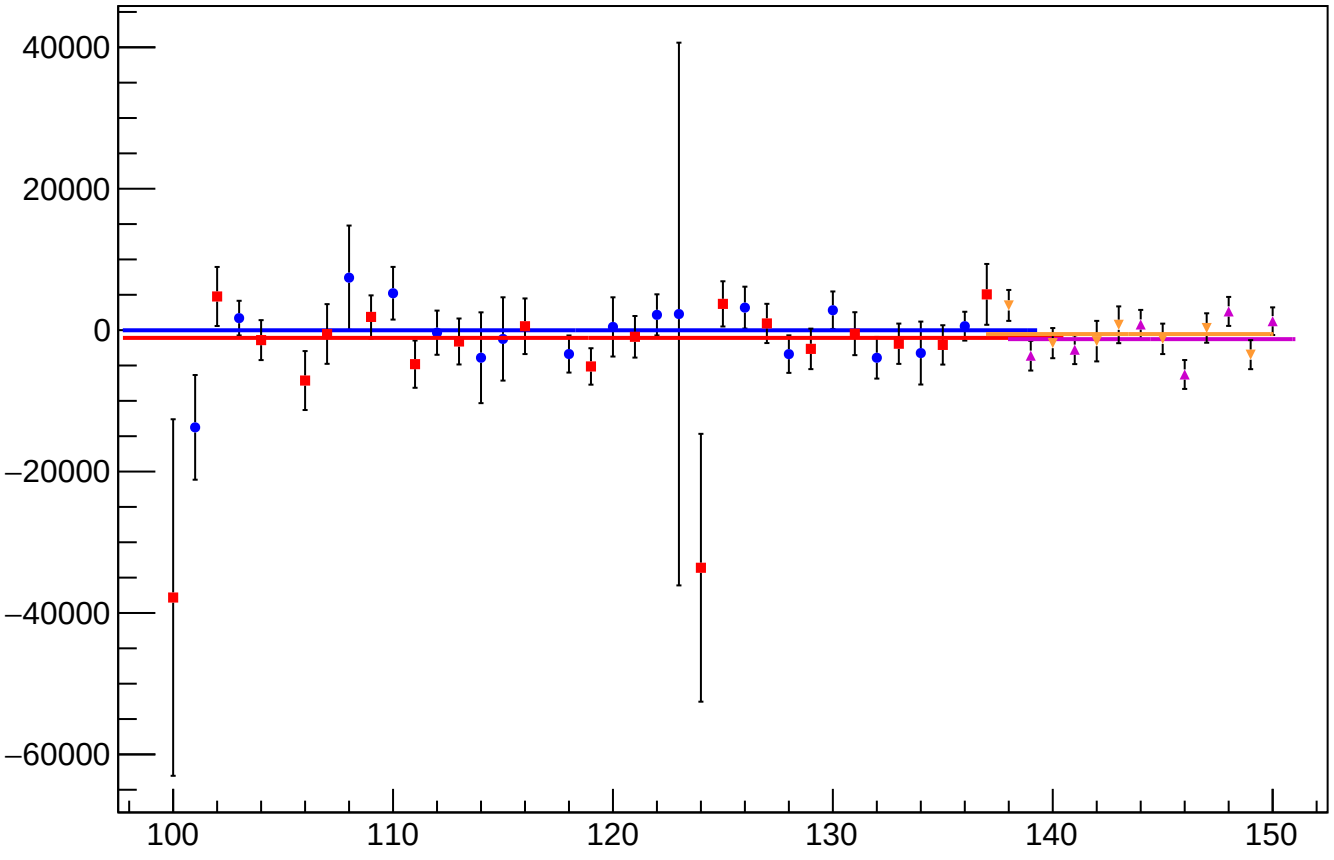
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2103.845+/-0.443 χ^2/NDF:814387.0/22

Out: 2151.377+/-0.448 χ^2/NDF:899796.2/25

All: 2127.359+/-0.315 χ^2/NDF: 1719870.0/48

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -556.508+/-850.641 χ^2/NDF:6.4/6

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

Left In: -1273.070+/-832.900 χ^2/NDF:14.1/5

Left: -922.339+/-595.122 χ^2/NDF: 20.9/12

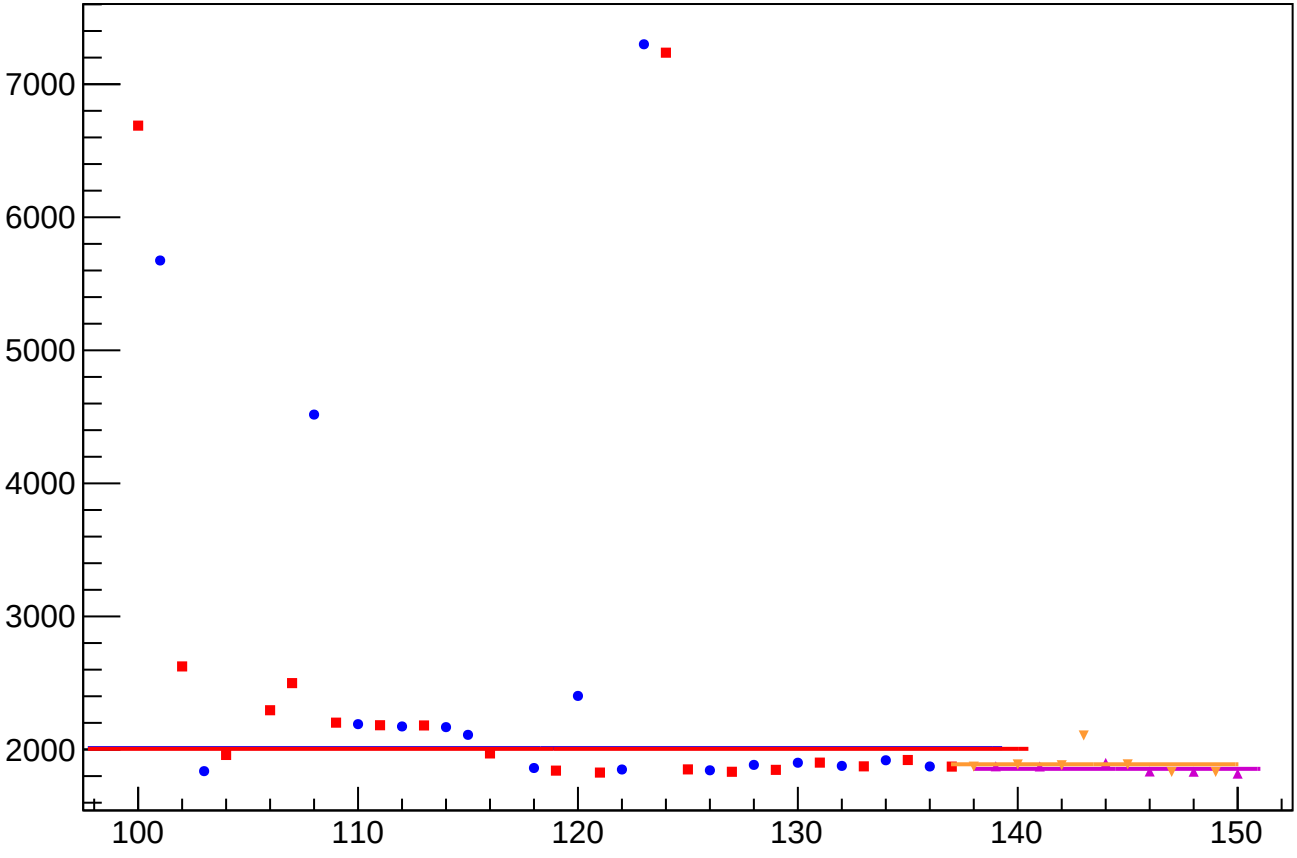
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -621.500+/-577.492 χ^2/NDF:31.1/22

Out: -852.816+/-570.745 χ^2/NDF:26.1/25

All: -738.518+/-405.942 χ^2/NDF: 57.3/48

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1888.770+/-0.601 χ^2/NDF:17096.8/6

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

Left In: 1854.480+/-0.589 χ^2/NDF:2336.9/5

Left: 1871.264+/-0.421 χ^2/NDF: 21092.9/12

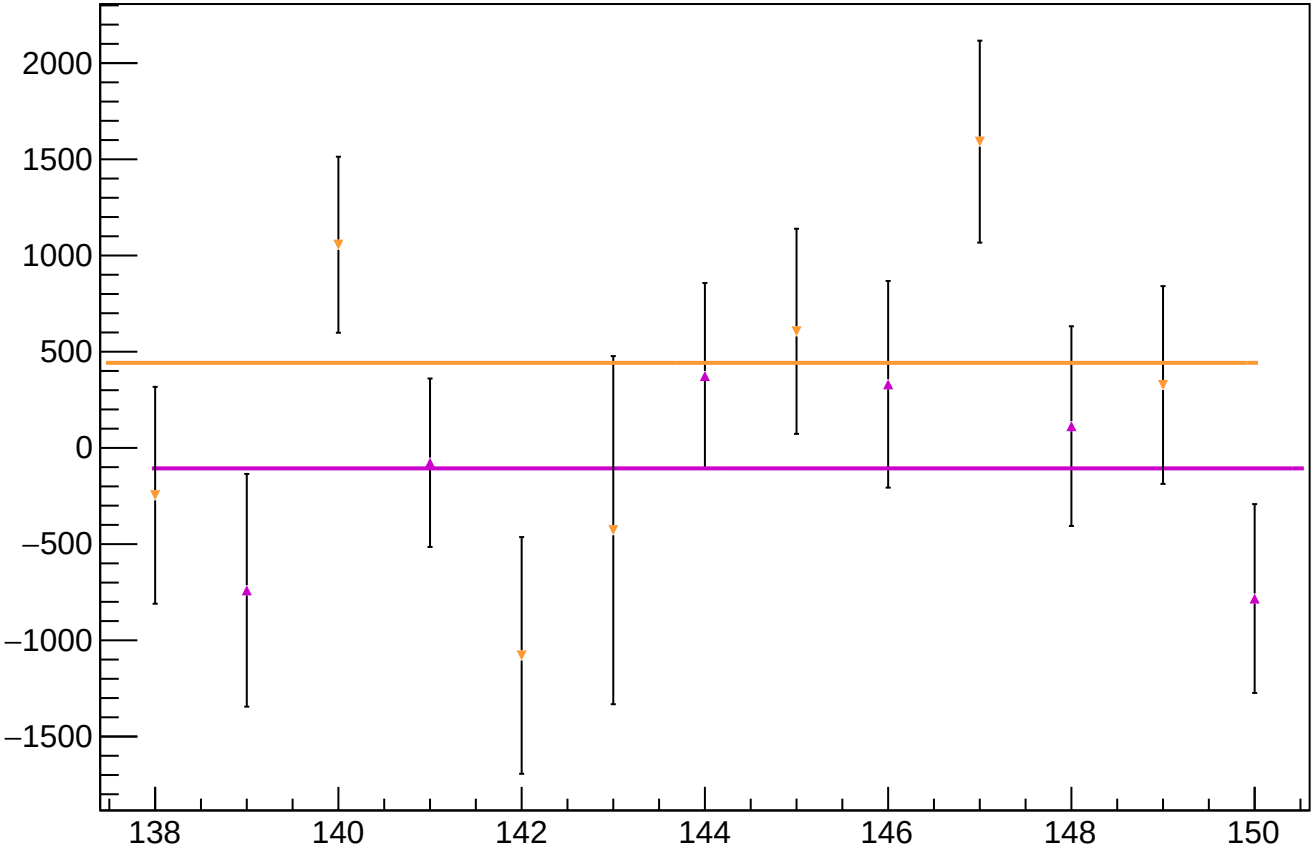
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1935.377+/-0.408 χ^2/NDF:878418.7/22

Out: 1952.611+/-0.404 χ^2/NDF:405098.2/25

All: 1944.095+/-0.287 χ^2/NDF: 1284417.9/48

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 442.140+/-209.765 χ^2/NDF:15.3/6

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

Left In: -106.367+/-205.981 χ^2/NDF:4.8/5

Left: 162.894+/-146.970 χ^2/NDF: 23.6/12

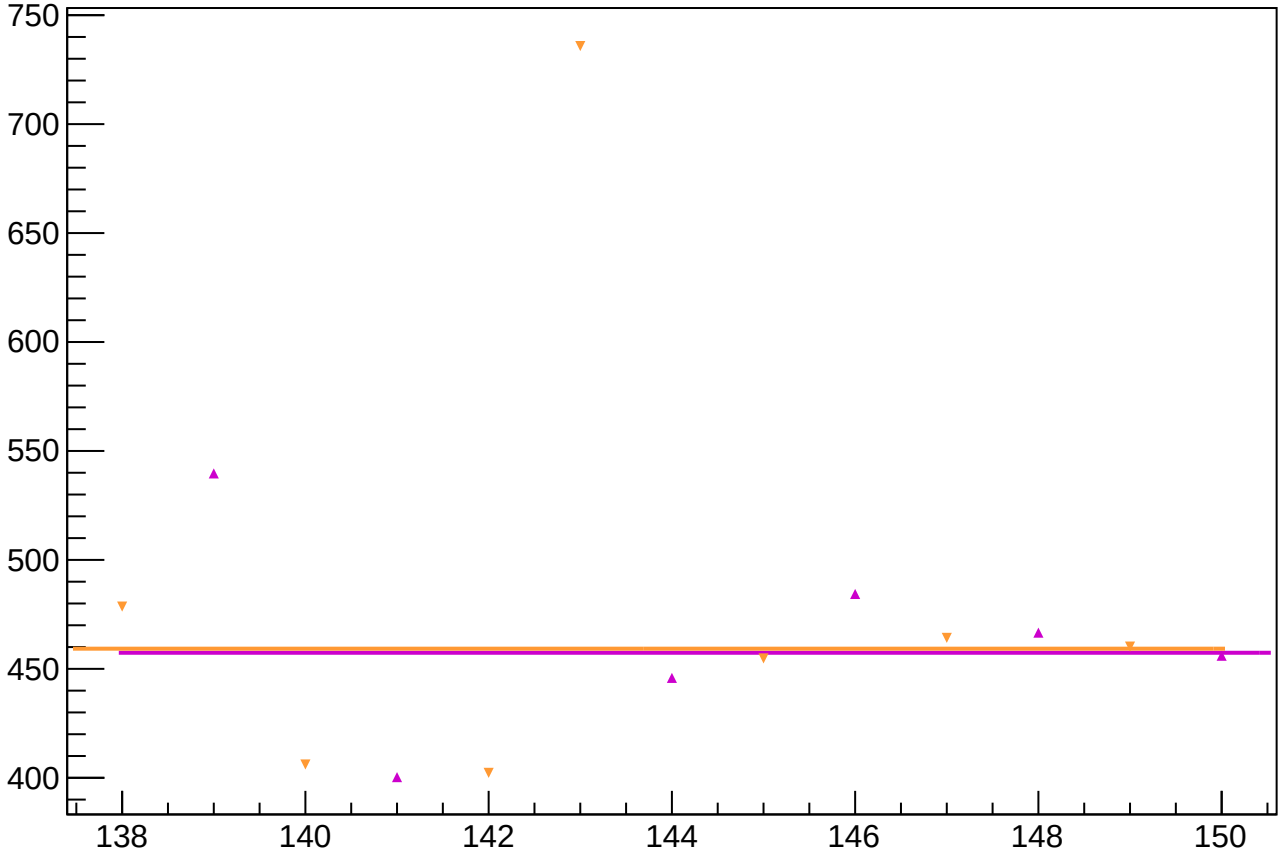
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -106.367+/-205.981 χ^2/NDF:4.8/5

Out: 442.140+/-209.765 χ^2/NDF:15.3/6

All: 162.894+/-146.970 χ^2/NDF: 23.6/12

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 459.260+/-0.148 χ^2/NDF:233752.2/6

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

Left In: 457.384+/-0.146 χ^2/NDF:77889.6/5

Left: 458.305+/-0.104 χ^2/NDF: 311723.2/12

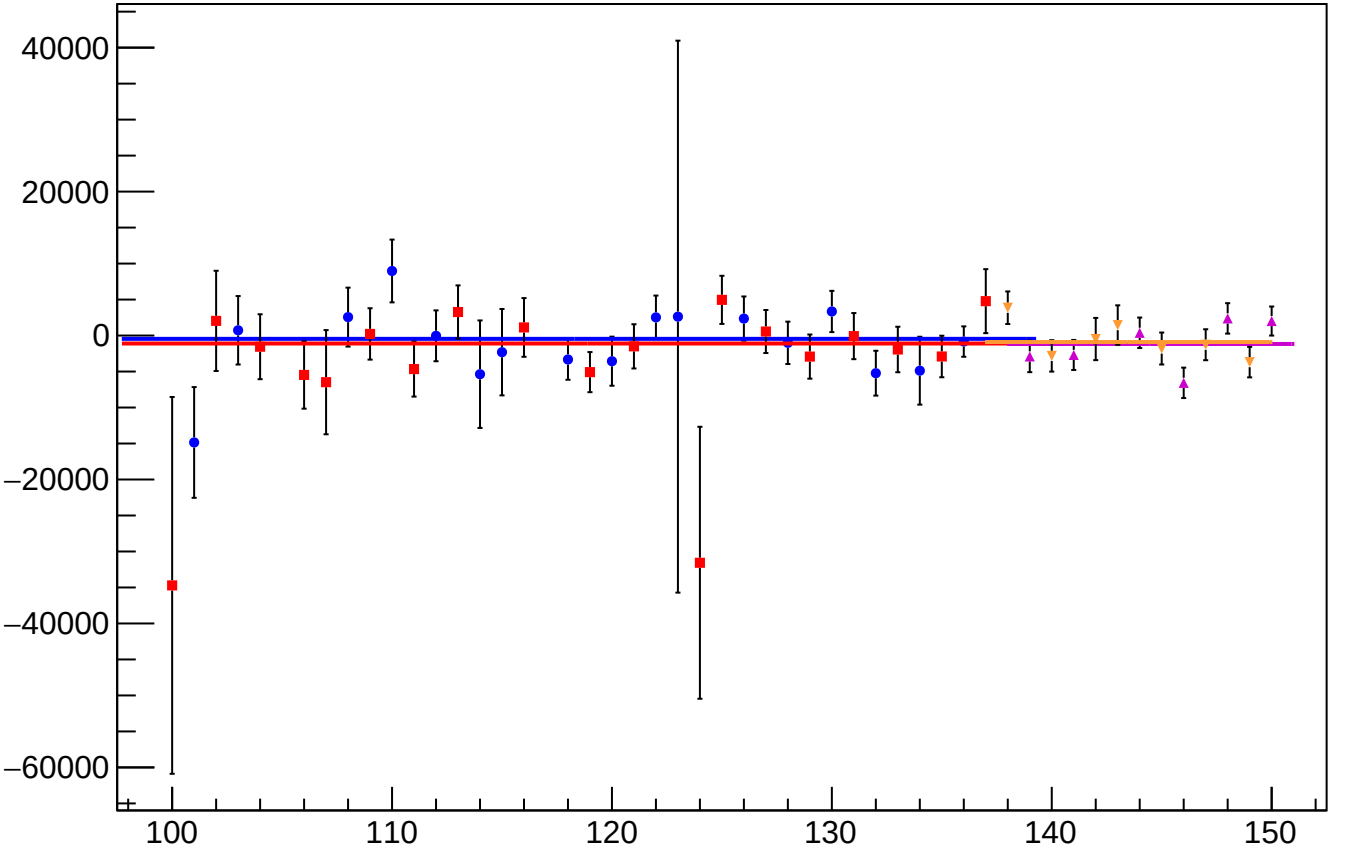
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 457.384+/-0.146 χ^2/NDF:77889.6/5

Out: 459.260+/-0.148 χ^2/NDF:233752.2/6

All: 458.305+/-0.104 χ^2/NDF: 311723.2/12

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -901.265+/-878.364 χ^2/NDF:7.9/6

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

Left In: -1168.515+/-858.680 χ^2/NDF:13.6/5

Left: -1037.918+/-614.020 χ^2/NDF: 21.5/12

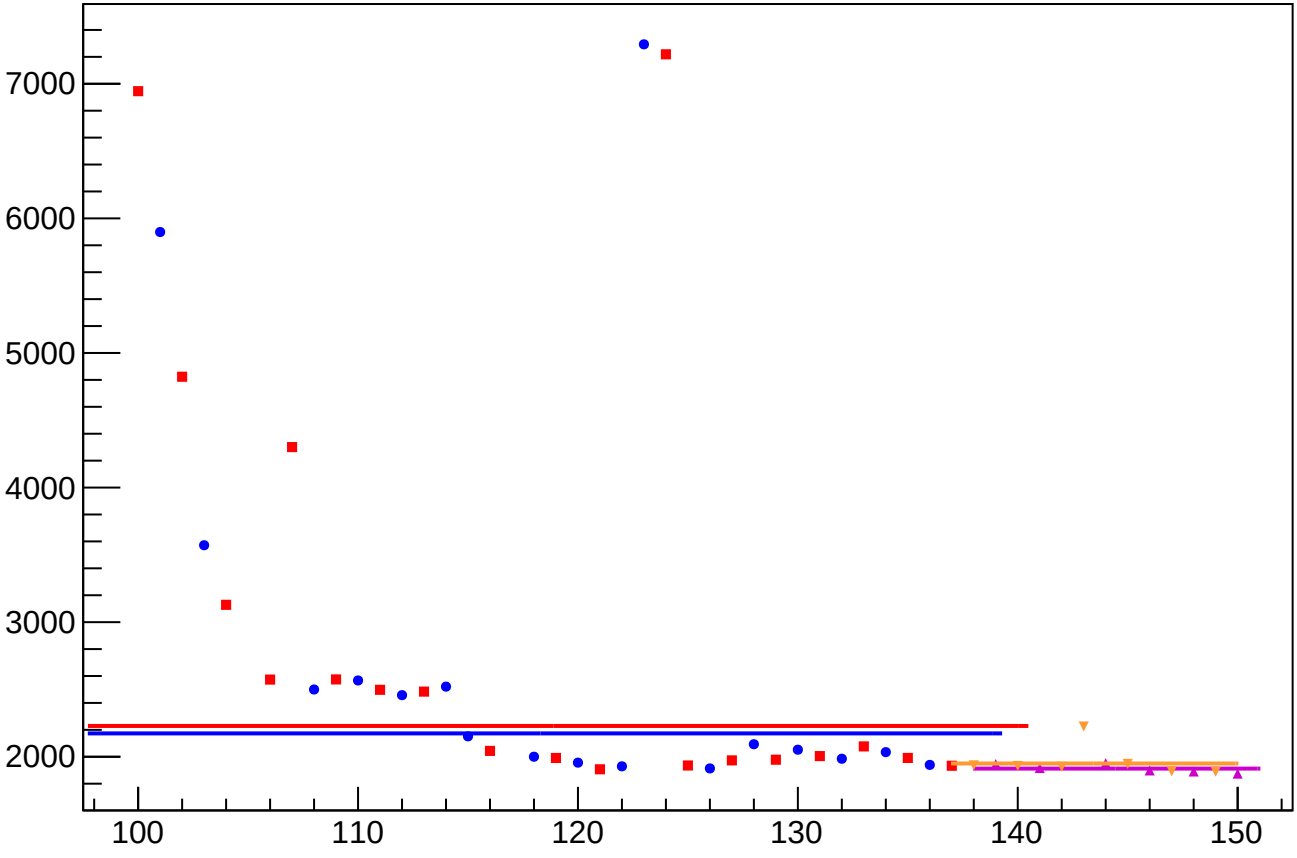
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -816.079+/-609.454 χ^2/NDF:32.0/22

Out: -1004.092+/-617.098 χ^2/NDF:24.8/25

All: -908.914+/-433.626 χ^2/NDF: 56.8/48

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1950.035+/-0.621 χ^2/NDF:23467.0/6

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

Left In: 1912.092+/-0.607 χ^2/NDF:2169.8/5

Left: 1930.634+/-0.434 χ^2/NDF: 27545.2/12

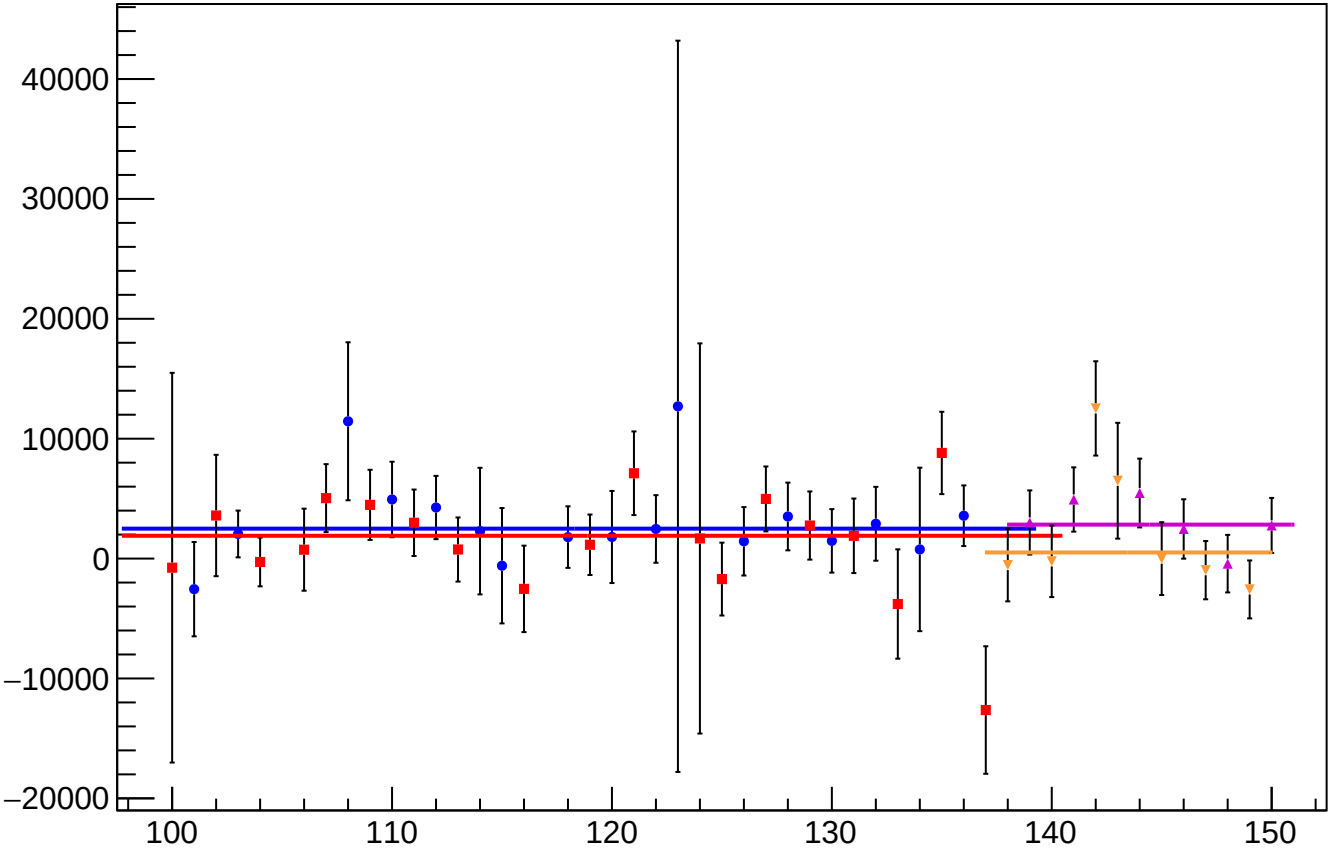
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 2041.829+/-0.431 χ^2/NDF:899532.5/22

Out: 2091.254+/-0.436 χ^2/NDF:1021414.1/25

All: 2066.233+/-0.307 χ^2/NDF: 1927441.4/48

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 511.375+/-1133.594 χ^2/NDF:13.1/6

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

Left In: 2832.037+/-1039.088 χ^2/NDF:3.3/5

Left: 1772.458+/-765.981 χ^2/NDF: 18.7/12

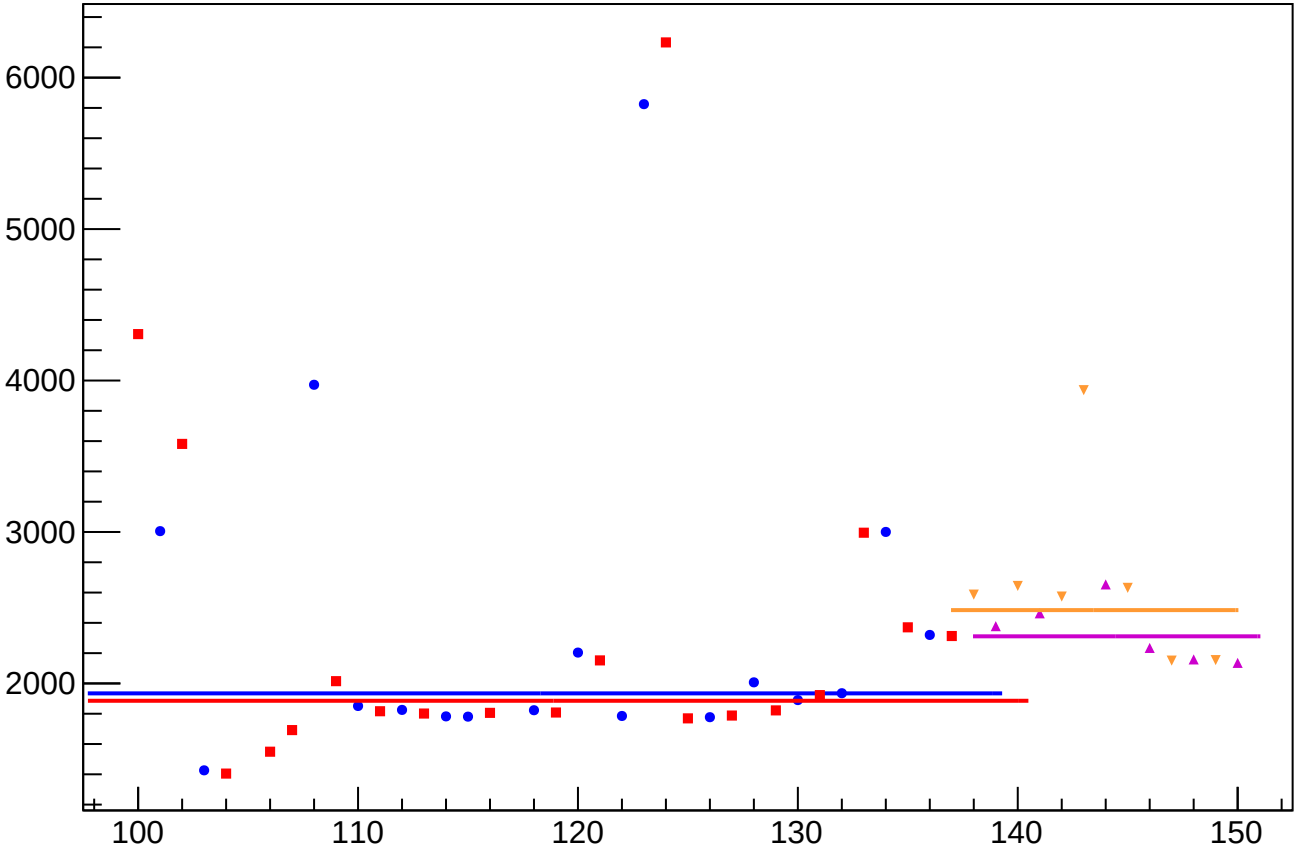
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 2615.171+/-617.767 χ^2/NDF:9.3/22

Out: 1489.683+/-617.770 χ^2/NDF:37.6/25

All: 2052.430+/-436.828 χ^2/NDF: 48.5/48

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2484.138+/-0.802 χ^2/NDF:269542.9/6

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

Left In: 2311.080+/-0.735 χ^2/NDF:57865.8/5

Left: 2390.096+/-0.542 χ^2/NDF: 352738.5/12

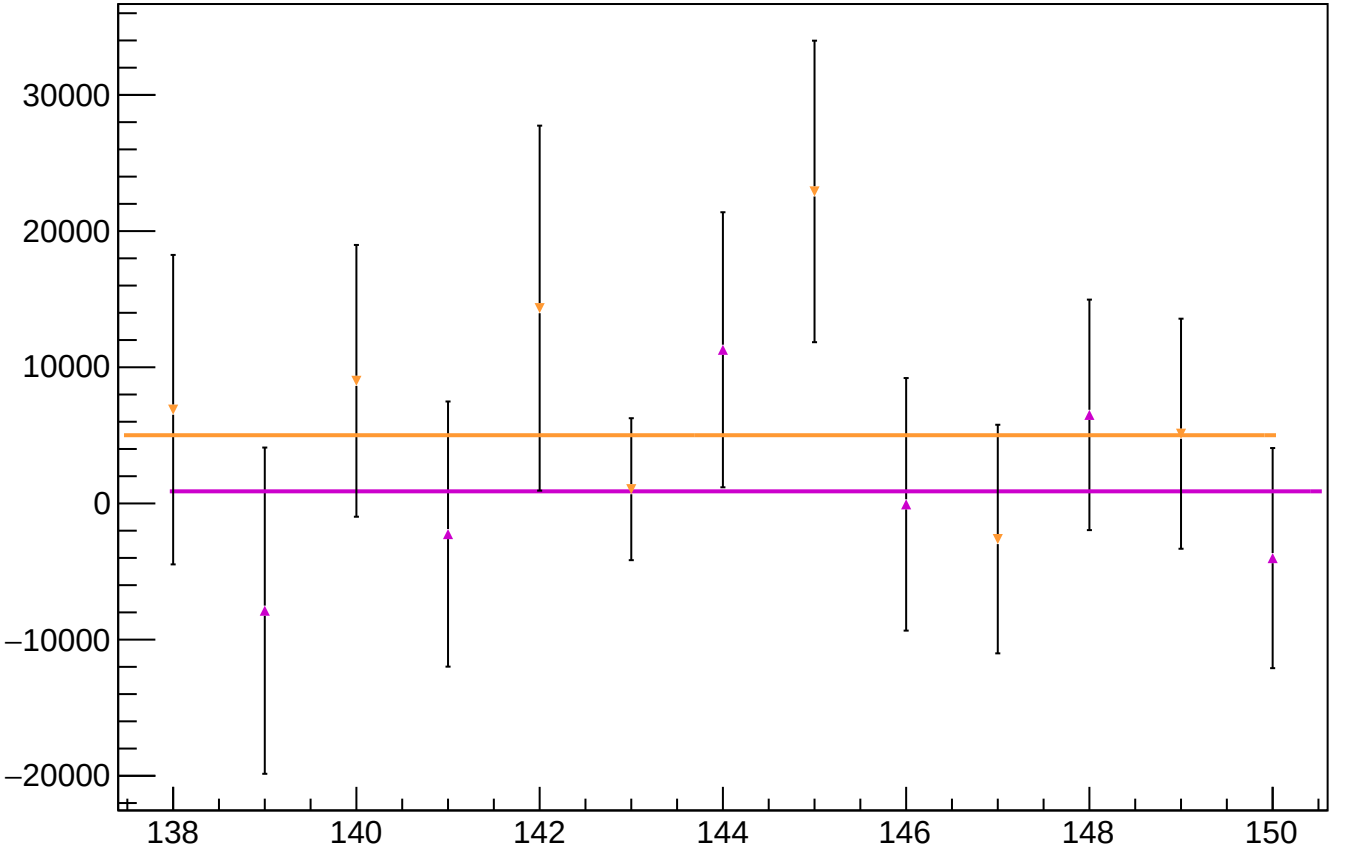
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2067.545+/-0.437 χ^2/NDF:866710.1/22

Out: 2063.275+/-0.437 χ^2/NDF:1413725.1/25

All: 2065.410+/-0.309 χ^2/NDF: 2280482.9/48

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 5011.032+/-3218.639 χ^2/NDF:4.7/6

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

Left In: 889.552+/-3828.671 χ^2/NDF:2.5/5

Left: 3304.404+/-2463.717 χ^2/NDF: 7.9/12

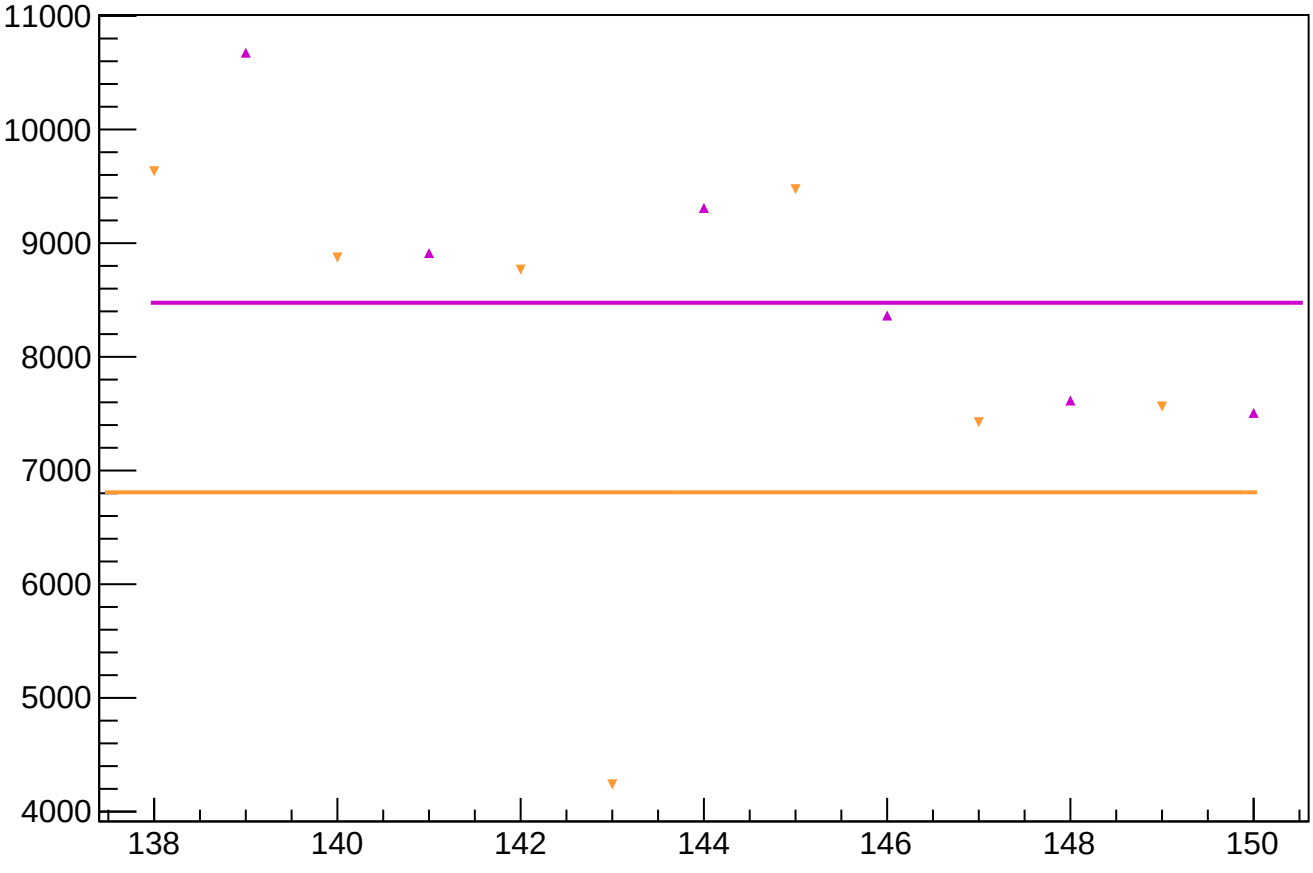
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 889.552+/-3828.671 χ^2/NDF:2.5/5

Out: 5011.032+/-3218.639 χ^2/NDF:4.7/6

All: 3304.404+/-2463.717 χ^2/NDF: 7.9/12

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6808.522+/-2.276 χ^2/NDF:880361.5/6

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

Left In: 8475.820+/-2.707 χ^2/NDF:134798.1/5

Left: 7498.919+/-1.742 χ^2/NDF: 1237387.0/12

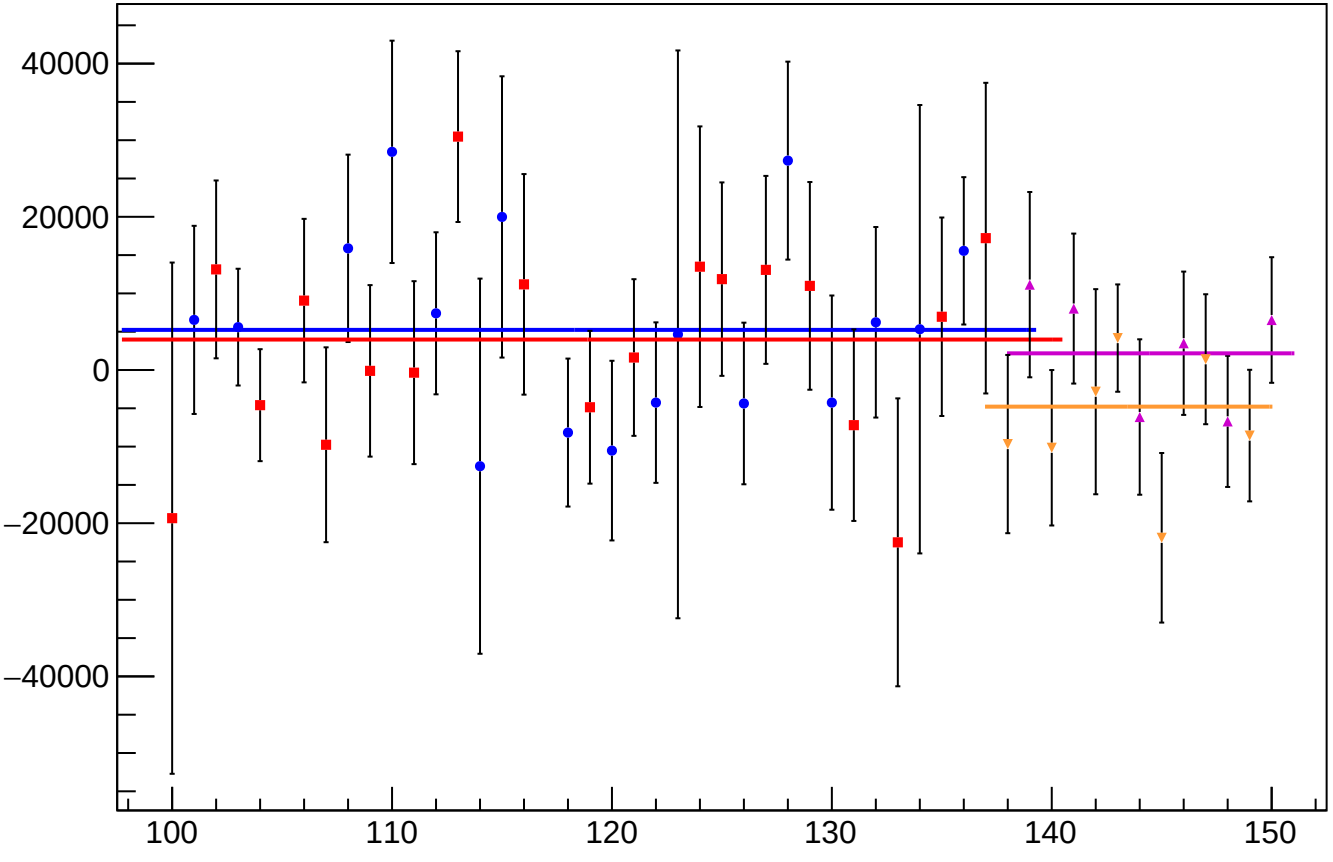
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8475.820+/-2.707 χ^2/NDF:134798.1/5

Out: 6808.522+/-2.276 χ^2/NDF:880361.5/6

All: 7498.919+/-1.742 χ^2/NDF: 1237387.0/12

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554+/-2946.164 χ^2/NDF: 14.5/16

Left Out: -4782.534+/-3565.375 χ^2/NDF:5.2/6

Right Out: 3976.061+/-2790.421 χ^2/NDF: 15.6/18

Left In: 2176.127+/-3865.284 χ^2/NDF:3.0/5

Left: -1583.605+/-2620.722 χ^2/NDF: 9.9/12

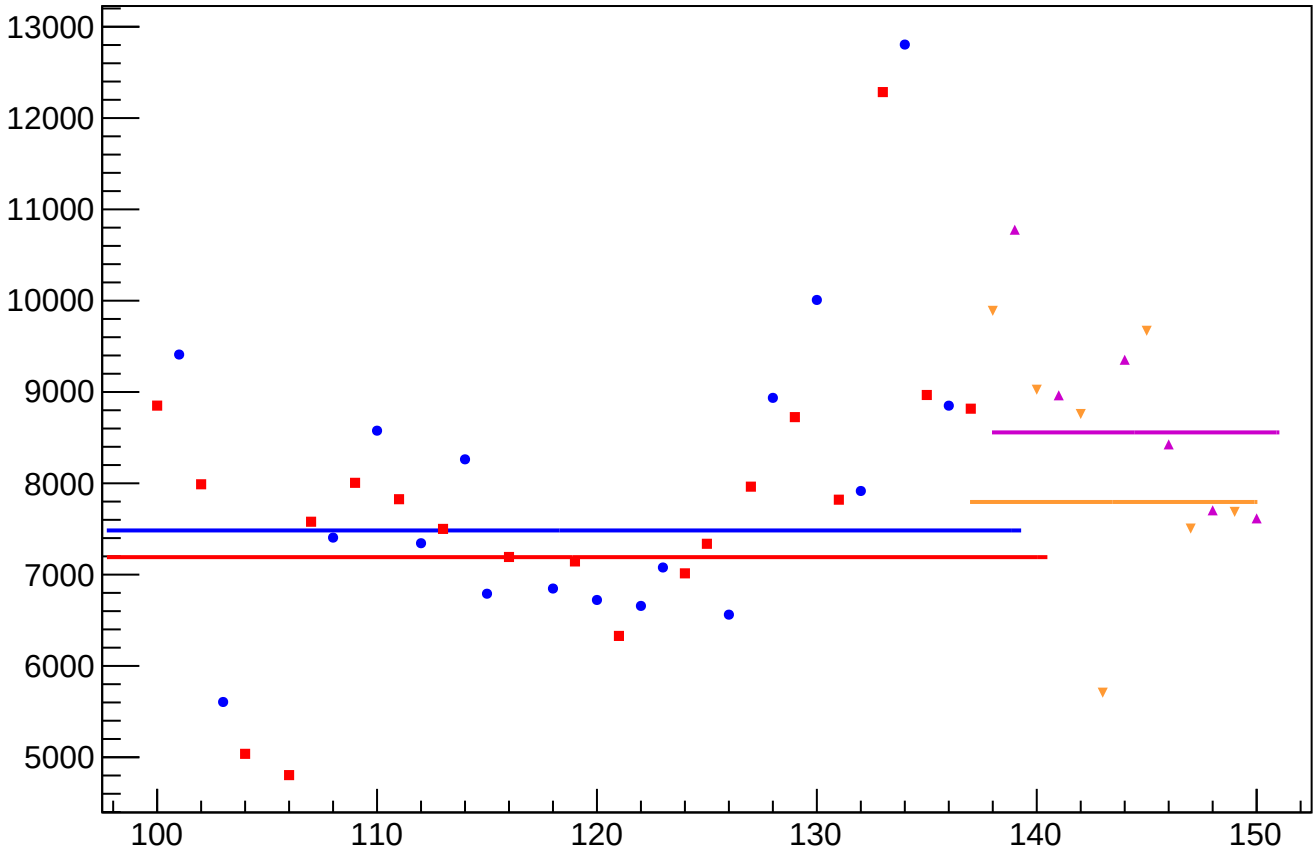
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 4113.187+/-2343.126 χ^2/NDF:17.8/22

Out: 649.044+/-2197.433 χ^2/NDF:24.6/25

All: 2270.076+/-1602.852 χ^2/NDF: 43.6/48

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785+/-2.083 χ^2/NDF: 431806.2/16

Left Out: 7795.672+/-2.521 χ^2/NDF:342225.1/6

Right Out: 7191.451+/-1.973 χ^2/NDF: 558753.1/18

Left In: 8557.491+/-2.733 χ^2/NDF:129752.2/5

Left: 8145.884+/-1.853 χ^2/NDF: 513953.4/12

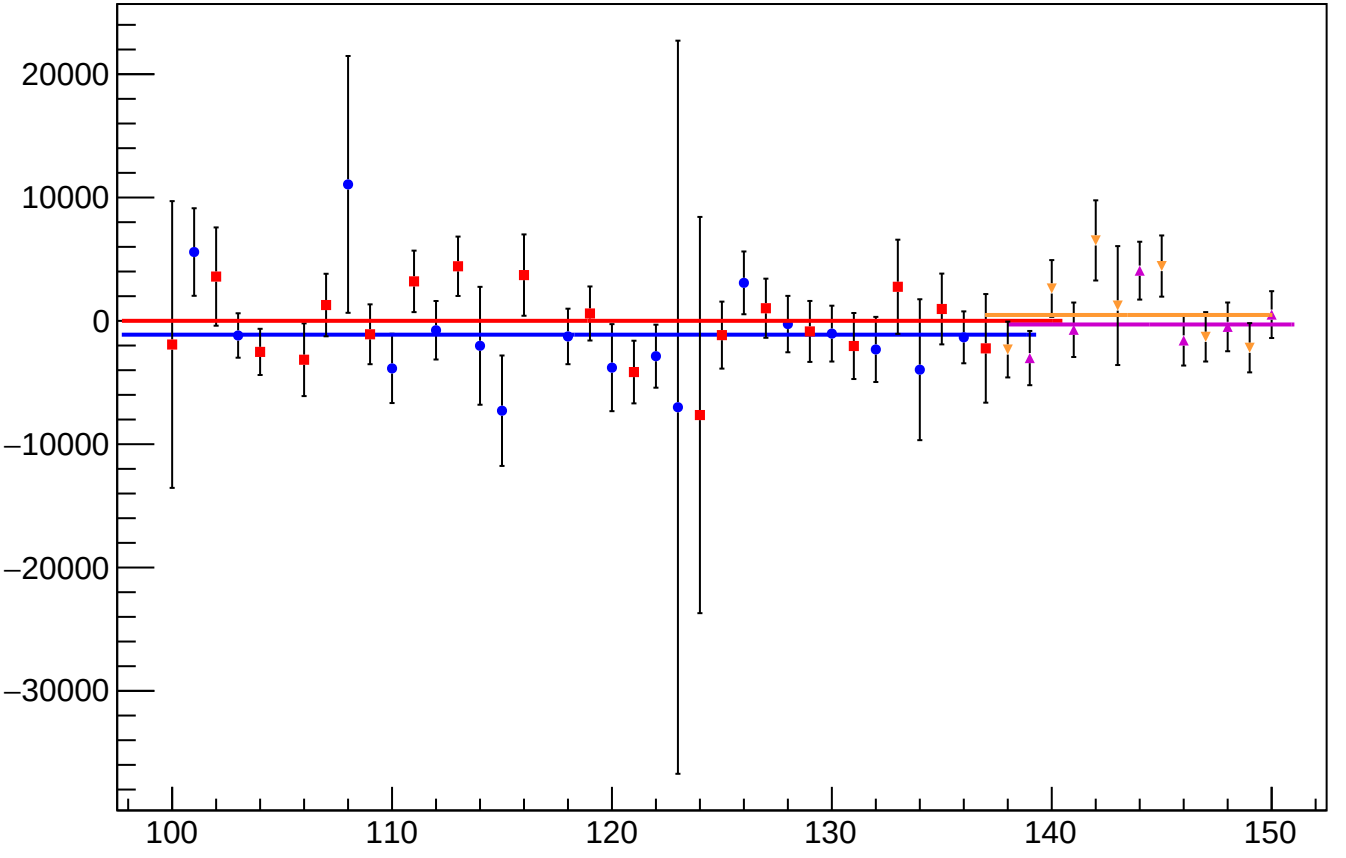
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 7878.333+/-1.657 χ^2/NDF:659174.9/22

Out: 7420.933+/-1.554 χ^2/NDF:936602.4/25

All: 7634.957+/-1.133 χ^2/NDF: 1636330.7/48

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 477.524+/-918.843 χ^2/NDF:11.0/6

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

Left In: -293.387+/-854.667 χ^2/NDF:5.6/5

Left: 64.209+/-625.800 χ^2/NDF: 17.0/12

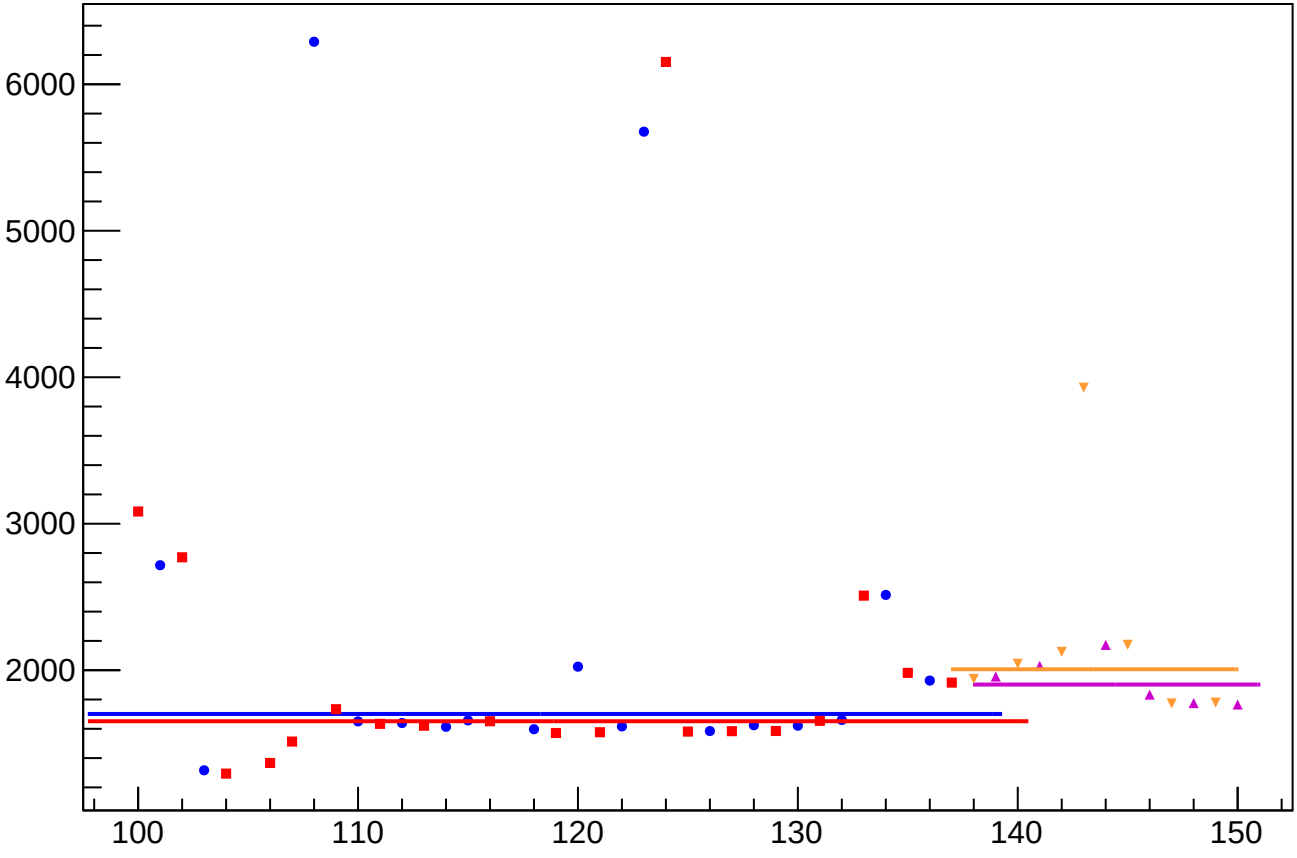
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -800.359+/-531.721 χ^2/NDF:18.5/22

Out: 157.580+/-524.986 χ^2/NDF:26.7/25

All: -315.284+/-373.579 χ^2/NDF: 46.7/48

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2006.443+/-0.650 χ^2/NDF:385060.3/6

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

Left In: 1902.101+/-0.604 χ^2/NDF:55325.5/5

Left: 1950.501+/-0.443 χ^2/NDF: 454213.5/12

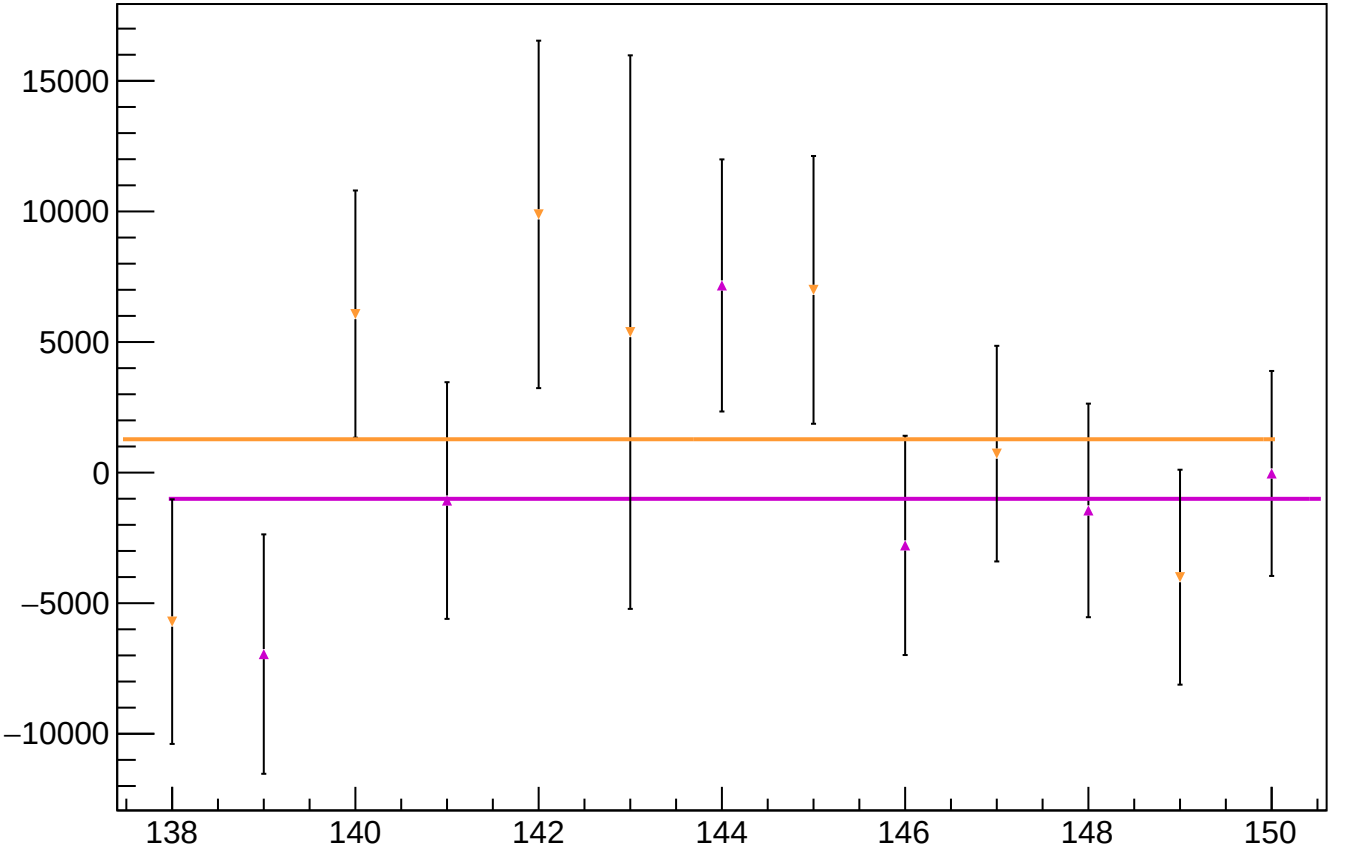
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1779.010+/-0.376 χ^2/NDF:901724.6/22

Out: 1767.527+/-0.371 χ^2/NDF:1174656.9/25

All: 1773.196+/-0.264 χ^2/NDF: 2076853.8/48

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1277.277+/-1898.285 χ^2/NDF:8.0/6

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

Left In: -1004.013+/-1765.818 χ^2/NDF:4.8/5

Left: 54.265+/-1292.918 χ^2/NDF: 13.6/12

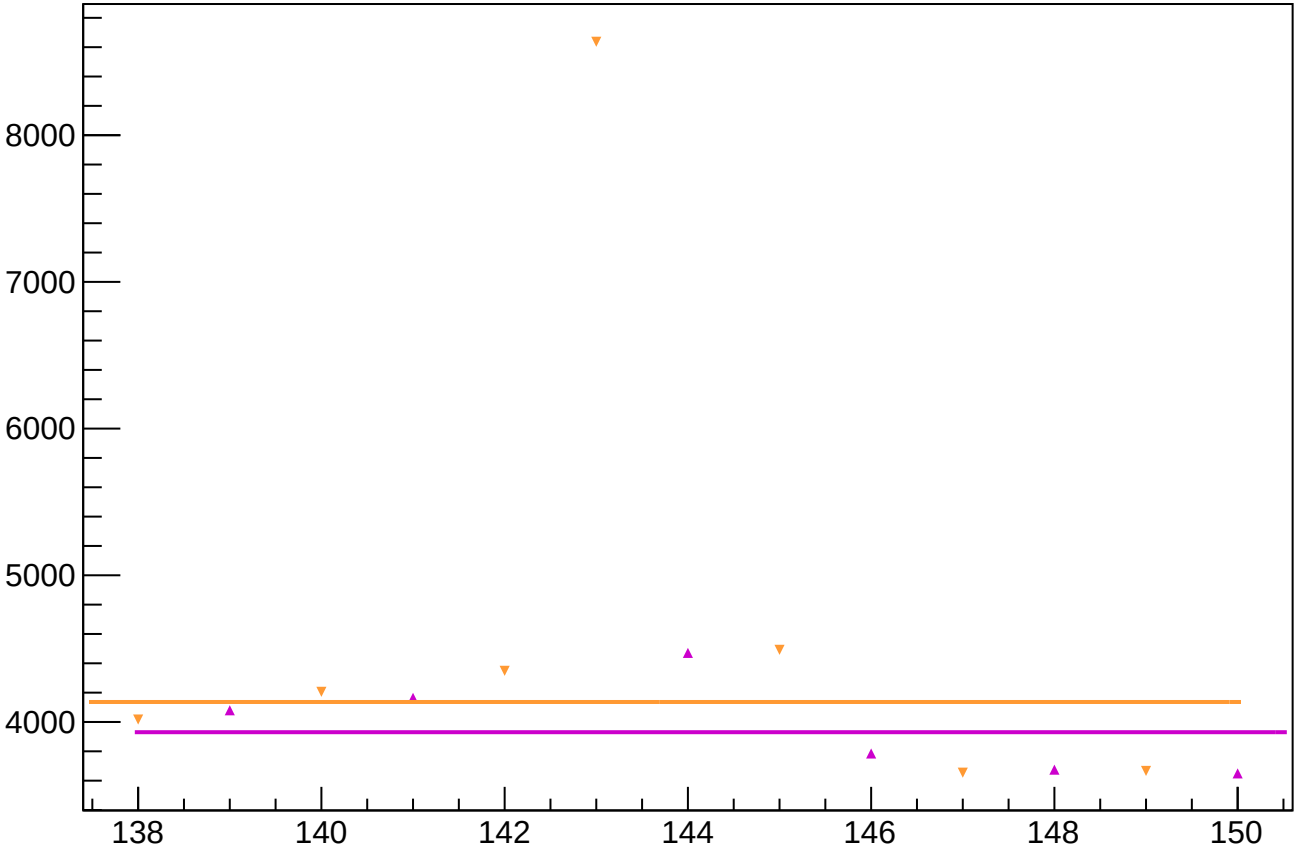
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1004.013+/-1765.818 χ^2/NDF:4.8/5

Out: 1277.277+/-1898.285 χ^2/NDF:8.0/6

All: 54.265+/-1292.918 χ^2/NDF: 13.6/12

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4136.313+/-1.342 χ^2/NDF:427406.9/6

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

Left In: 3930.329+/-1.249 χ^2/NDF:52995.9/5

Left: 4025.883+/-0.914 χ^2/NDF: 493027.6/12

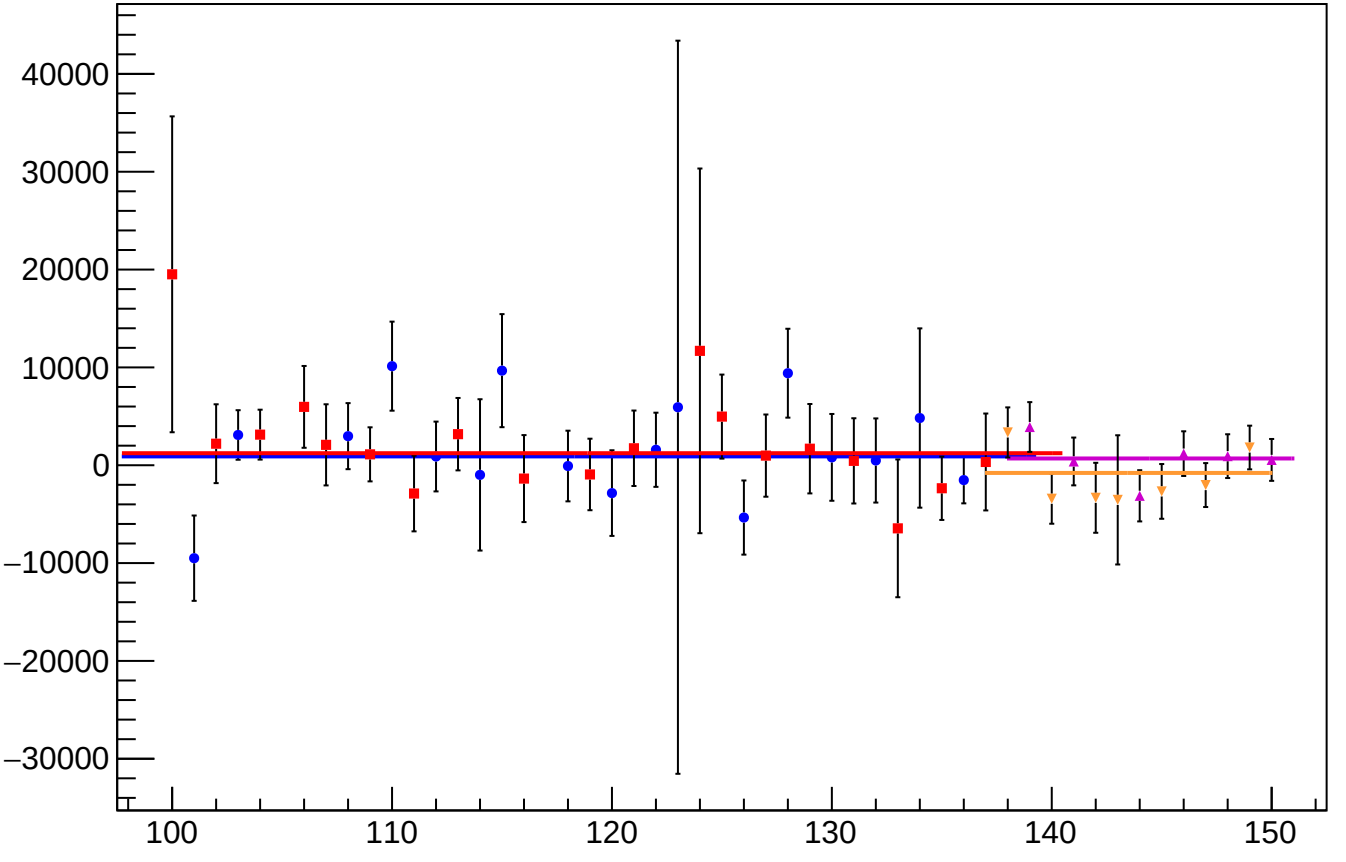
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3930.329+/-1.249 χ^2/NDF:52995.9/5

Out: 4136.313+/-1.342 χ^2/NDF:427406.9/6

All: 4025.883+/-0.914 χ^2/NDF: 493027.6/12

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -785.613+/-1035.063 χ^2/NDF:6.5/6

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

Left In: 691.773+/-963.039 χ^2/NDF:3.8/5

Left: 6.265+/-705.060 χ^2/NDF: 11.4/12

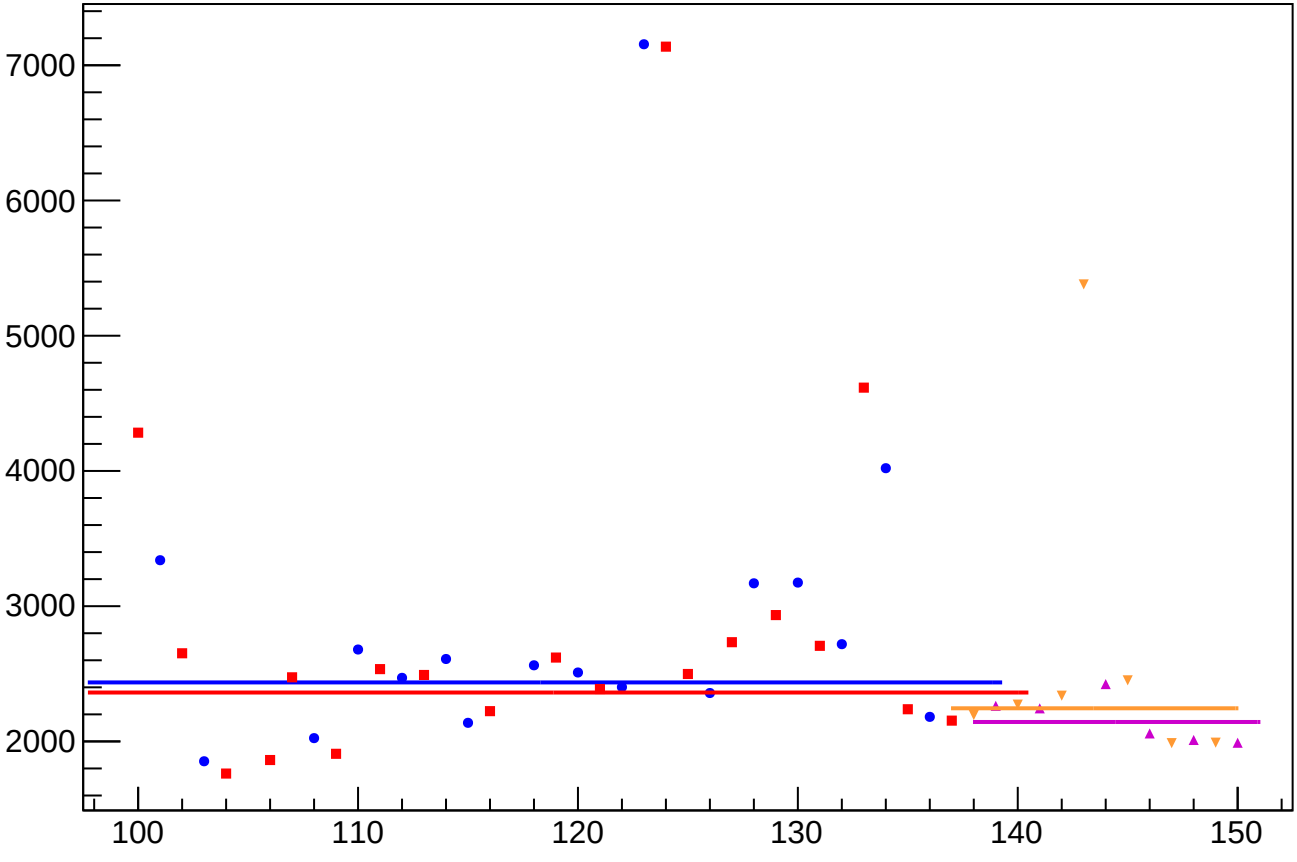
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 797.647+/-680.575 χ^2/NDF:25.4/22

Out: 335.553+/-689.728 χ^2/NDF:17.5/25

All: 569.686+/-484.443 χ^2/NDF: 43.1/48

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2244.978+/-0.732 χ^2/NDF:516153.9/6

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

Left In: 2143.705+/-0.681 χ^2/NDF:50851.3/5

Left: 2190.696+/-0.499 χ^2/NDF: 577267.5/12

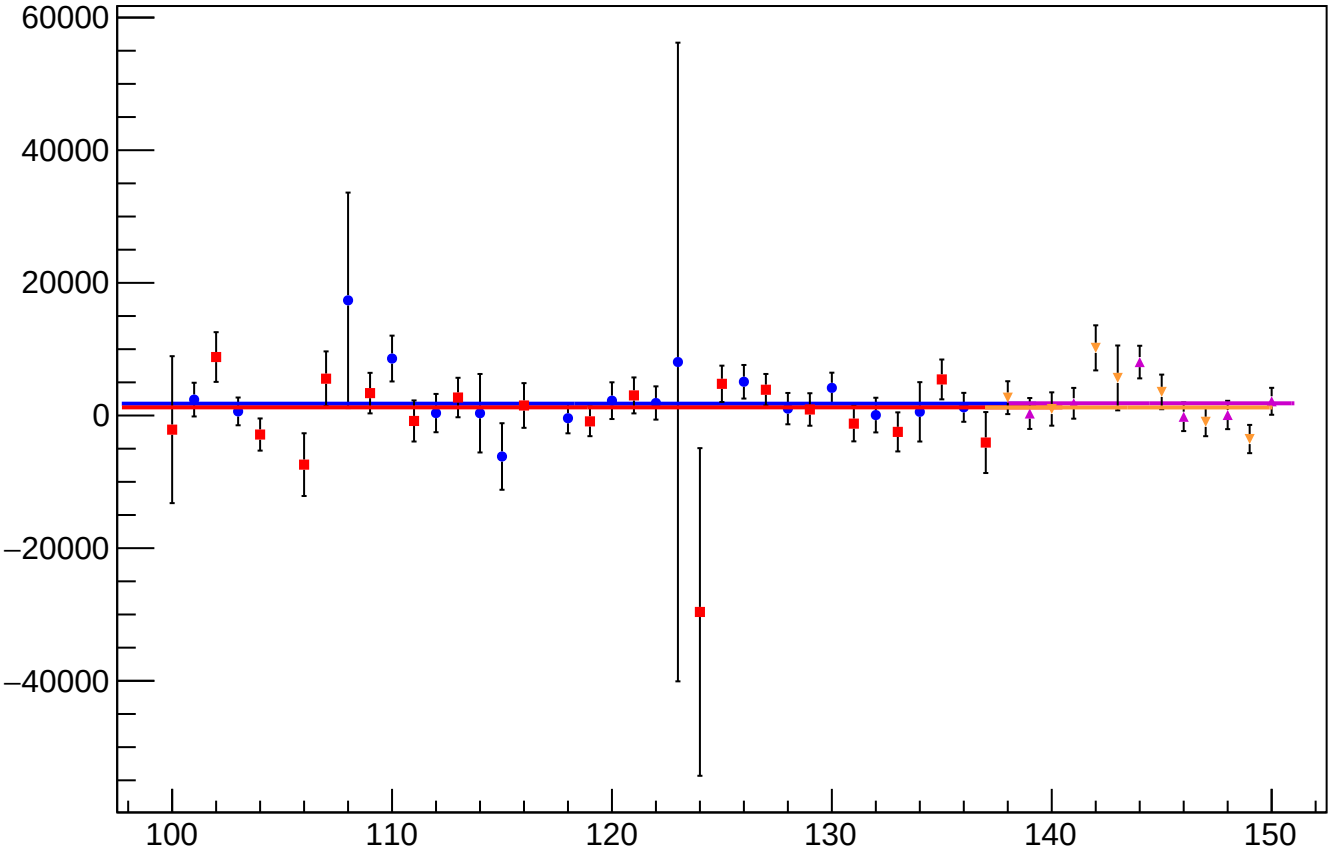
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2290.151+/-0.481 χ^2/NDF:611793.2/22

Out: 2309.792+/-0.488 χ^2/NDF:1186105.5/25

All: 2299.841+/-0.343 χ^2/NDF: 1798720.4/48

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505+/-694.403 χ^2/NDF: 12.4/16

Left Out: 1215.539+/-985.430 χ^2/NDF:15.0/6

Right Out: 1229.293+/-708.144 χ^2/NDF: 24.2/18

Left In: 1840.419+/-908.795 χ^2/NDF:8.4/5

Left: 1553.219+/-668.067 χ^2/NDF: 23.6/12

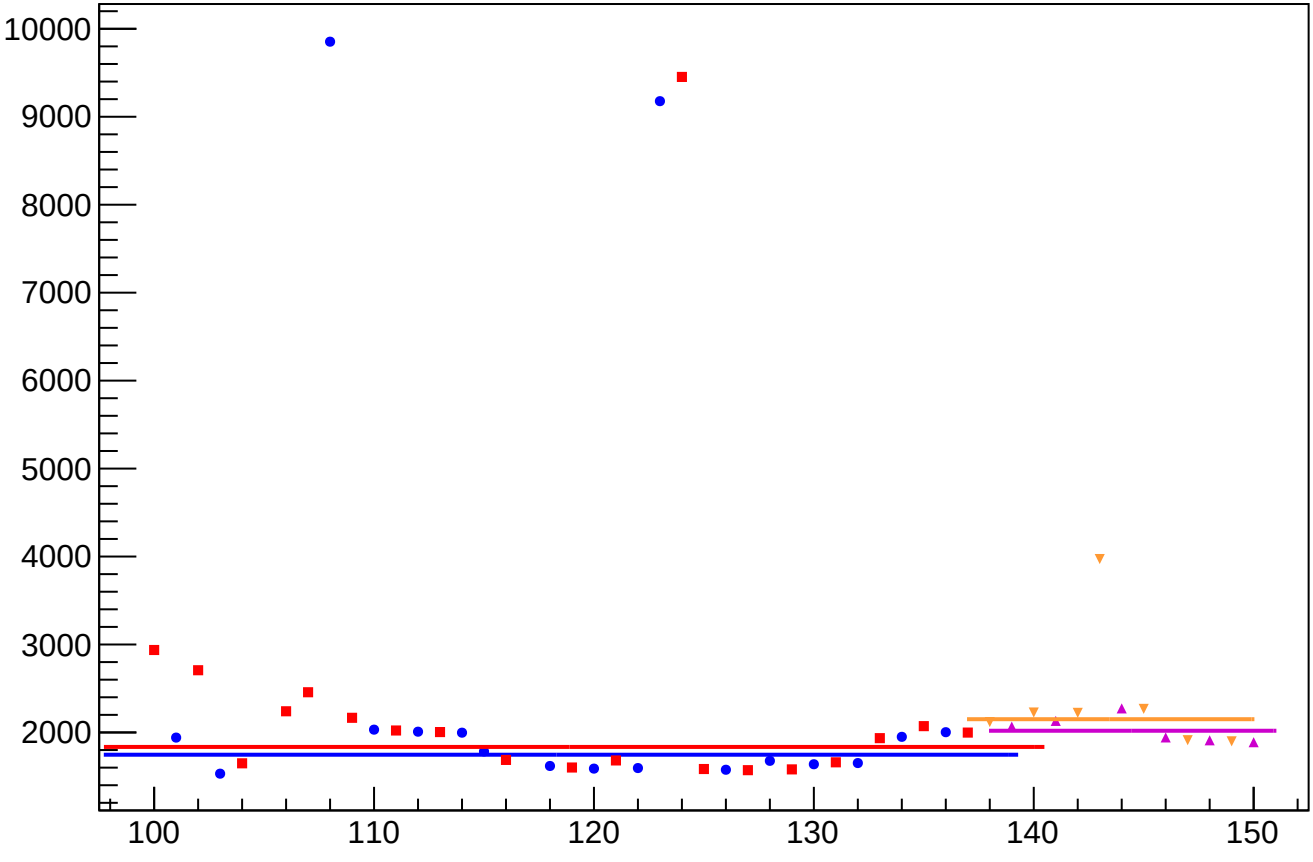
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 1804.485+/-551.768 χ^2/NDF:20.8/22

Out: 1224.609+/-575.061 χ^2/NDF:39.2/25

All: 1526.529+/-398.139 χ^2/NDF: 60.6/48

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2150.685+/-0.697 χ^2/NDF:336773.7/6

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

Left In: 2019.360+/-0.643 χ^2/NDF:42709.6/5

Left: 2079.718+/-0.472 χ^2/NDF: 398678.0/12

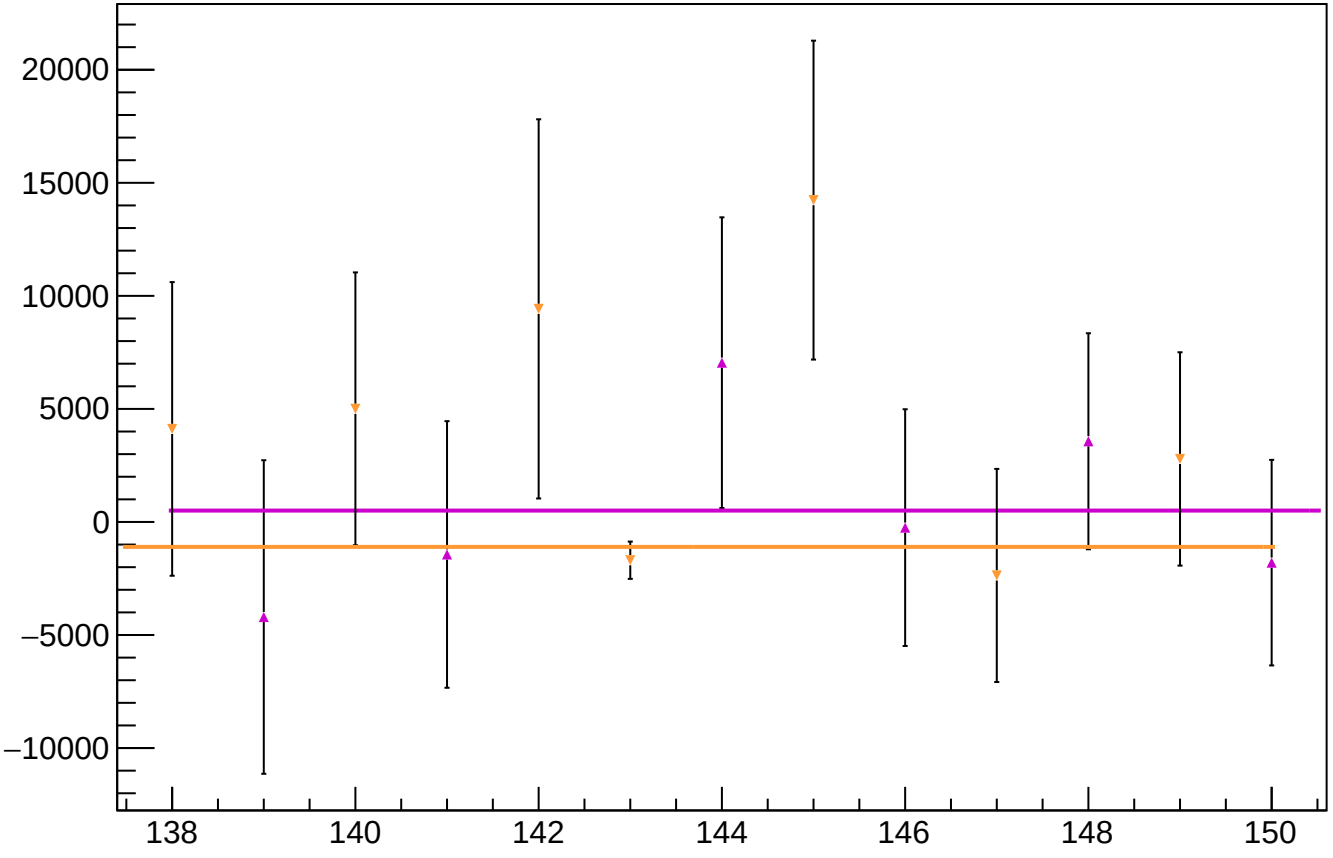
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1847.294+/-0.390 χ^2/NDF:838746.3/22

Out: 1942.608+/-0.406 χ^2/NDF:1022286.2/25

All: 1893.019+/-0.281 χ^2/NDF: 1889662.8/48

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1103.048+/-779.176 χ^2/NDF:9.2/6

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

Left In: 503.418+/-2222.464 χ^2/NDF:2.3/5

Left: -927.204+/-735.296 χ^2/NDF: 12.0/12

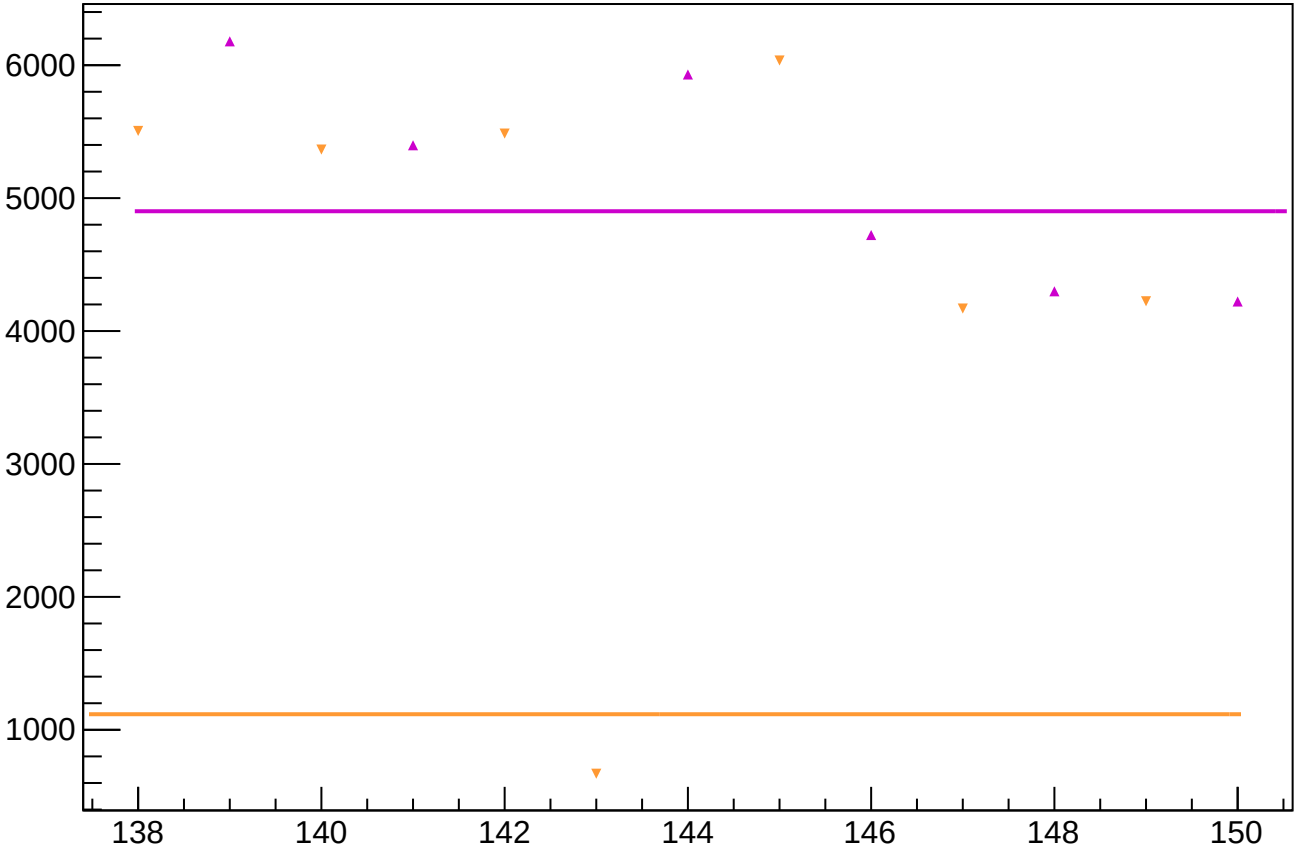
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 503.418+/-2222.464 χ^2/NDF:2.3/5

Out: -1103.048+/-779.176 χ^2/NDF:9.2/6

All: -927.204+/-735.296 χ^2/NDF: 12.0/12

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1117.300+/-0.551 χ^2/NDF:5715303.8/6

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

Left In: 4901.272+/-1.572 χ^2/NDF:212096.2/5

Left: 1531.493+/-0.520 χ^2/NDF: 11090492.6/12

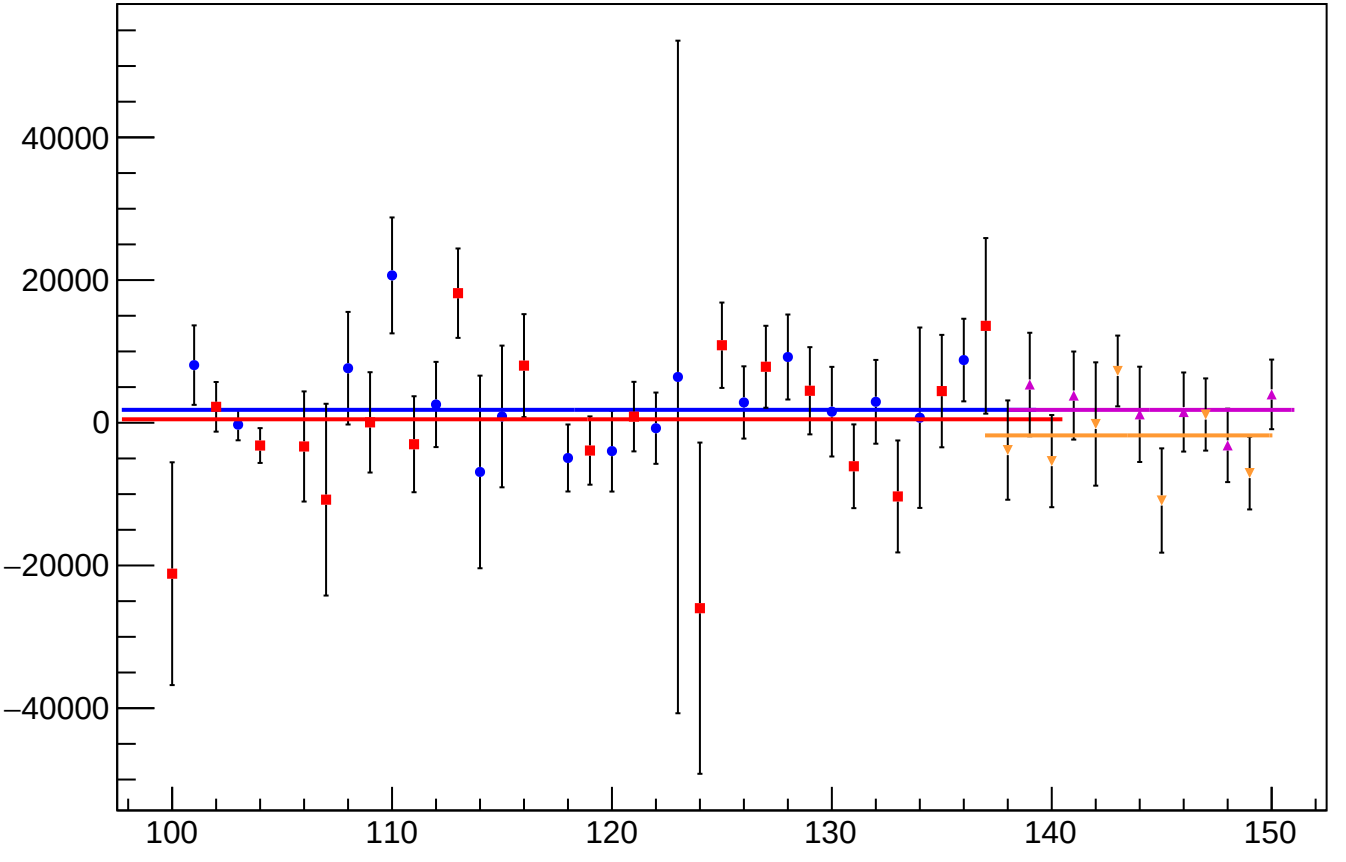
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4901.272+/-1.572 χ^2/NDF:212096.2/5

Out: 1117.300+/-0.551 χ^2/NDF:5715303.8/6

All: 1531.493+/-0.520 χ^2/NDF: 11090492.6/1

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -1767.845+/-2265.319 χ^2/NDF:6.7/6

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

Left In: 1807.887+/-2356.725 χ^2/NDF:1.5/5

Left: -50.665+/-1633.181 χ^2/NDF: 9.4/12

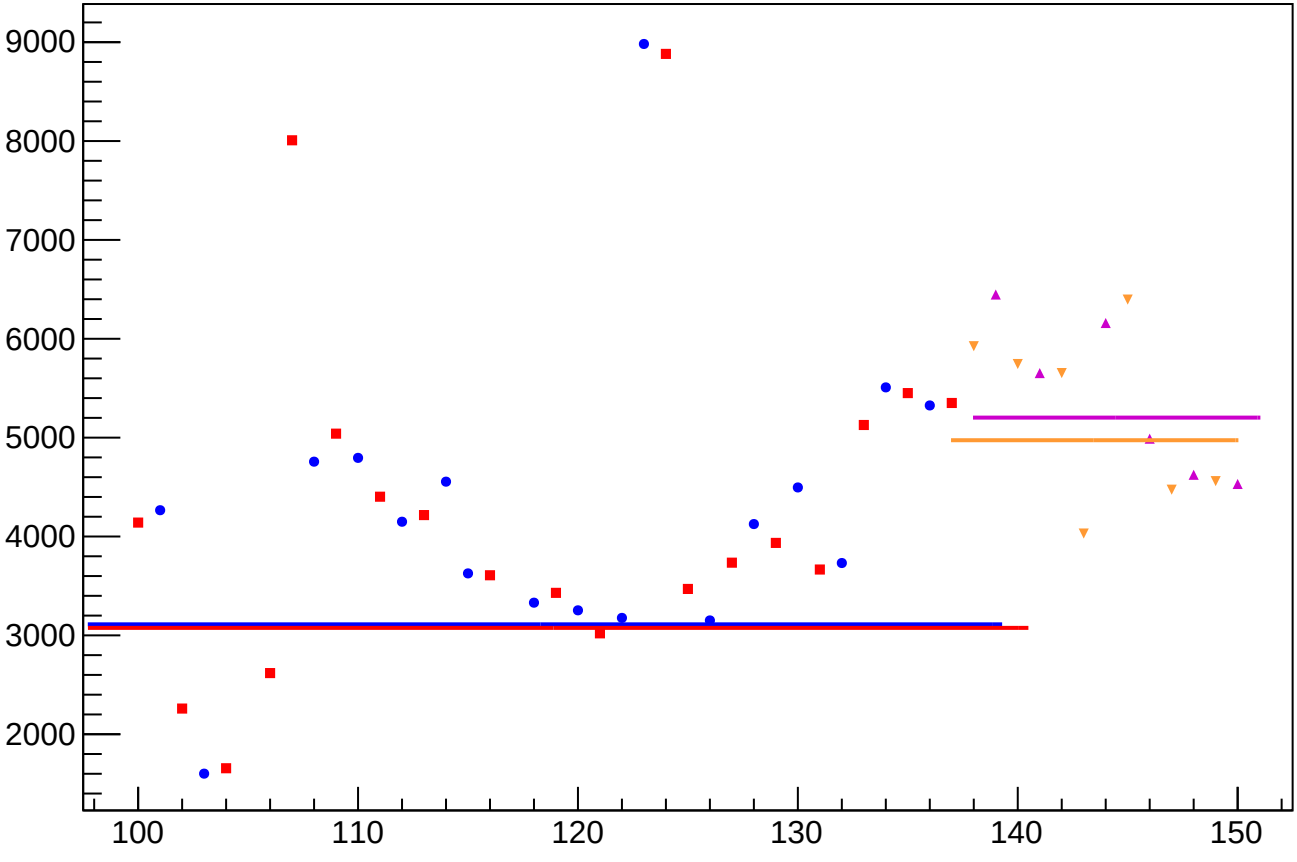
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1812.777+/-1139.185 χ^2/NDF:16.5/22

Out: -61.584+/-1118.405 χ^2/NDF:33.9/25

All: 858.346+/-798.077 χ^2/NDF: 51.8/48

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4973.821+/-1.602 χ^2/NDF:259025.0/6

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

Left In: 5202.638+/-1.666 χ^2/NDF:176794.6/5

Left: 5083.706+/-1.155 χ^2/NDF: 445619.0/12

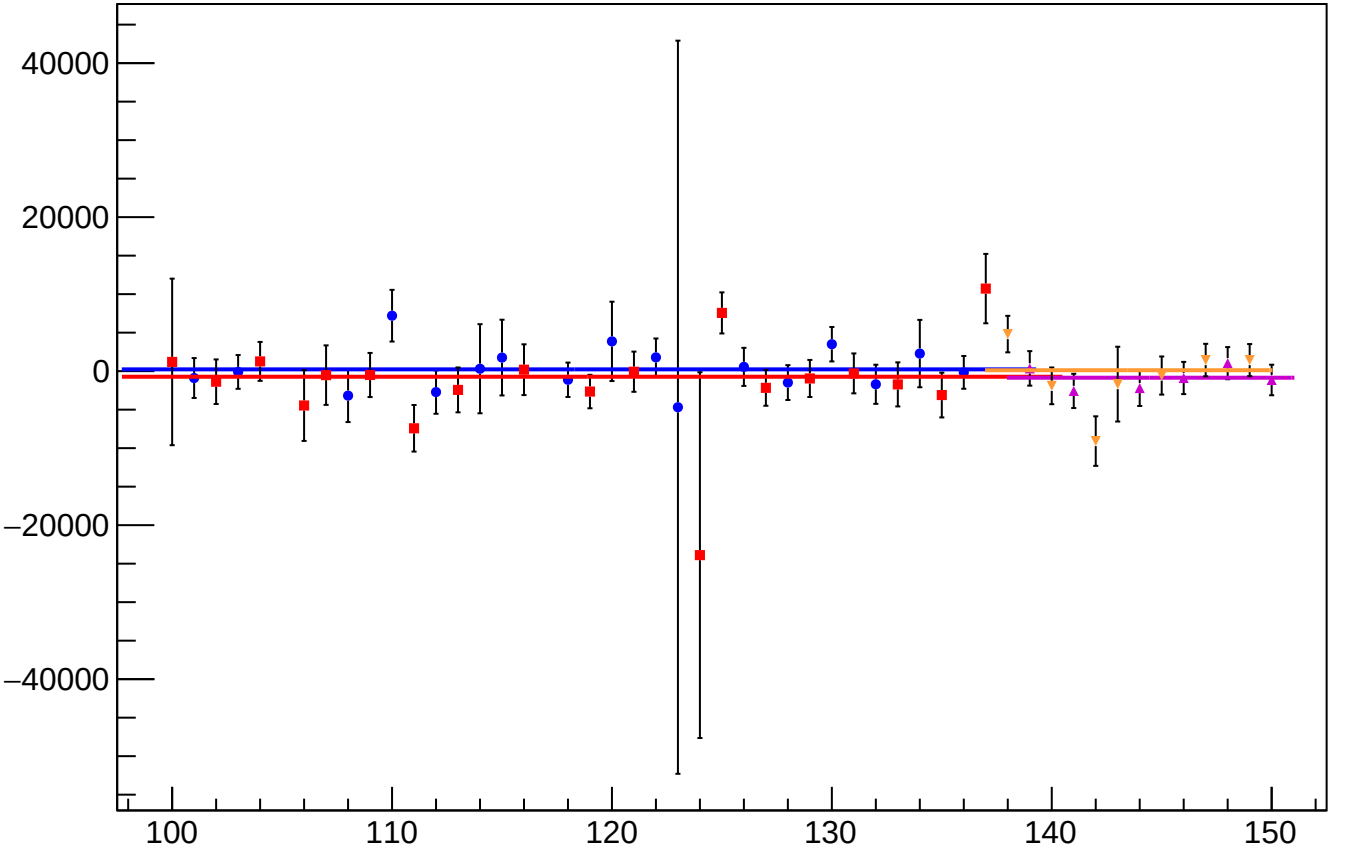
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 3600.142+/-0.806 χ^2/NDF:3262431.2/22

Out: 3528.312+/-0.782 χ^2/NDF:3337865.9/25

All: 3563.169+/-0.561 χ^2/NDF: 6604390.1/48

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323+/-686.786 χ^2/NDF: 11.5/16

Left Out: 119.735+/-948.710 χ^2/NDF:13.8/6

Right Out: -726.169+/-684.175 χ^2/NDF: 25.8/18

Left In: -853.906+/-877.638 χ^2/NDF:2.1/5

Left: -404.918+/-644.246 χ^2/NDF: 16.5/12

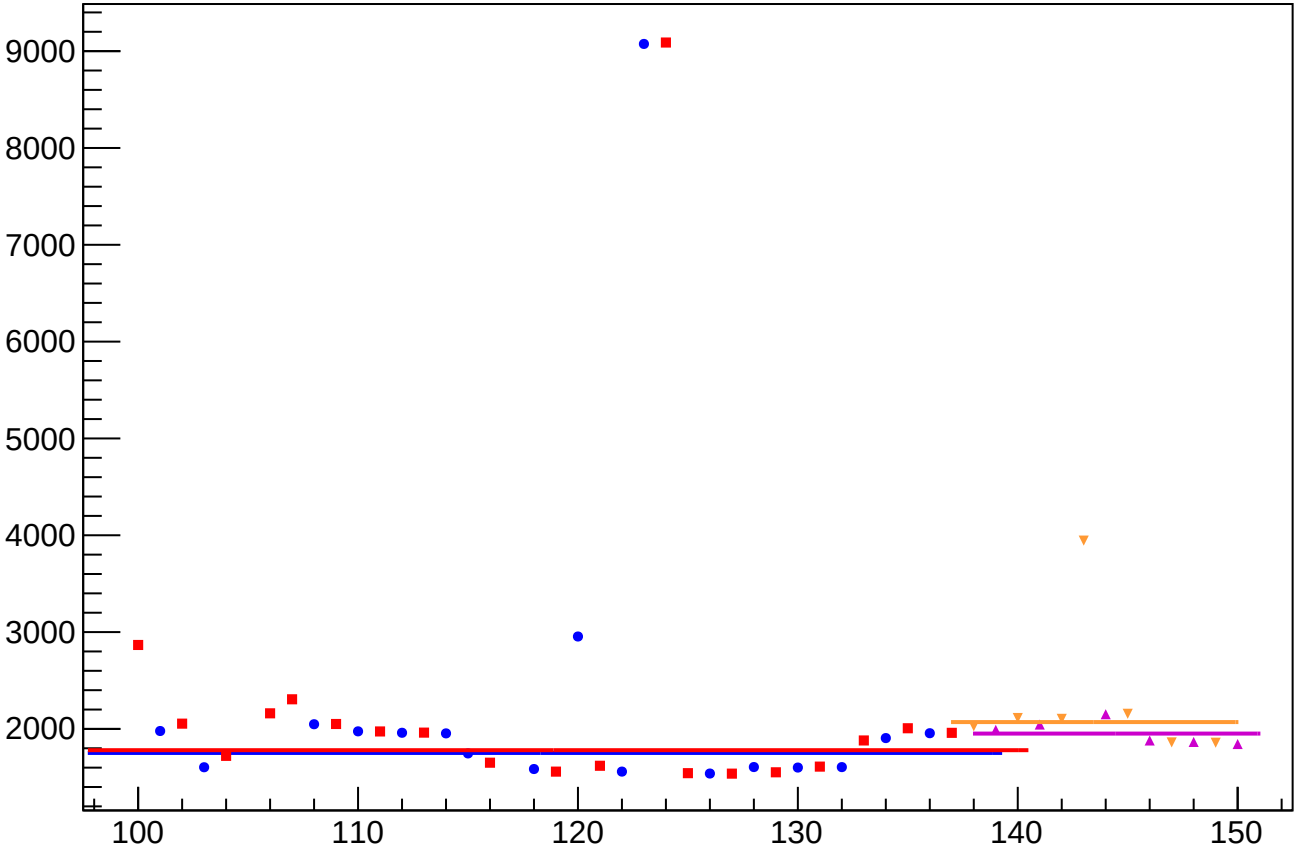
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -180.220+/-540.866 χ^2/NDF:14.6/22

Out: -436.753+/-554.925 χ^2/NDF:40.2/25

All: -305.196+/-387.325 χ^2/NDF: 54.8/48

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2070.615+/-0.671 χ^2/NDF:342516.6/6

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

Left In: 1951.749+/-0.621 χ^2/NDF:30482.7/5

Left: 2006.563+/-0.456 χ^2/NDF: 389917.4/12

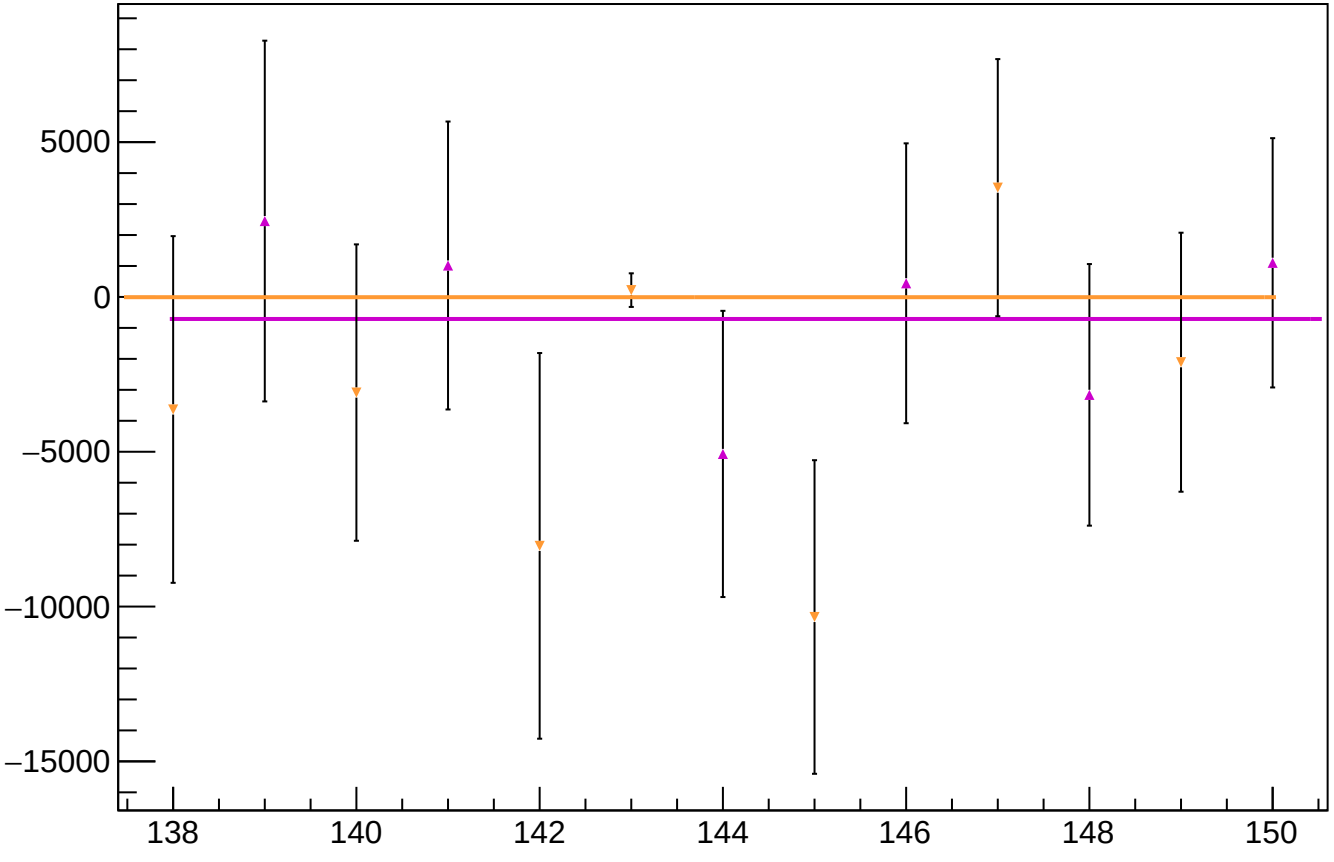
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1827.770+/-0.382 χ^2/NDF:395732.0/22

Out: 1879.360+/-0.392 χ^2/NDF:894262.4/25

All: 1852.931+/-0.274 χ^2/NDF: 1298868.6/48

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -8.040+/-523.569 χ^2/NDF:7.8/6

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

Left In: -711.372+/-1859.493 χ^2/NDF:1.9/5

Left: -59.704+/-503.973 χ^2/NDF: 9.9/12

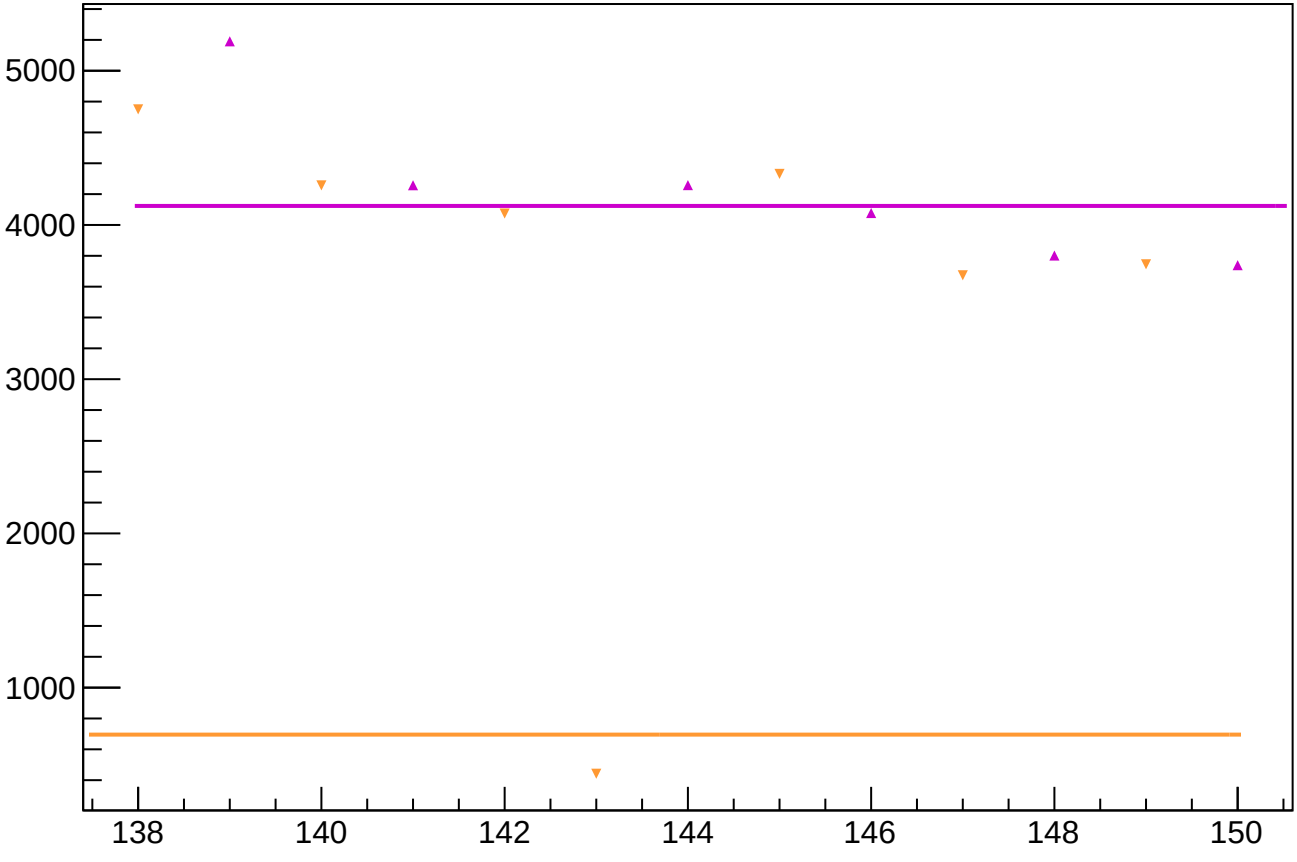
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -711.372+/-1859.493 χ^2/NDF:1.9/5

Out: -8.040+/-523.569 χ^2/NDF:7.8/6

All: -59.704+/-503.973 χ^2/NDF: 9.9/12

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 695.395+/-0.370 χ^2/NDF:6303825.3/6

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

Left In: 4123.446+/-1.315 χ^2/NDF:100523.2/5

Left: 947.204+/-0.356 χ^2/NDF: 12702334.4/12

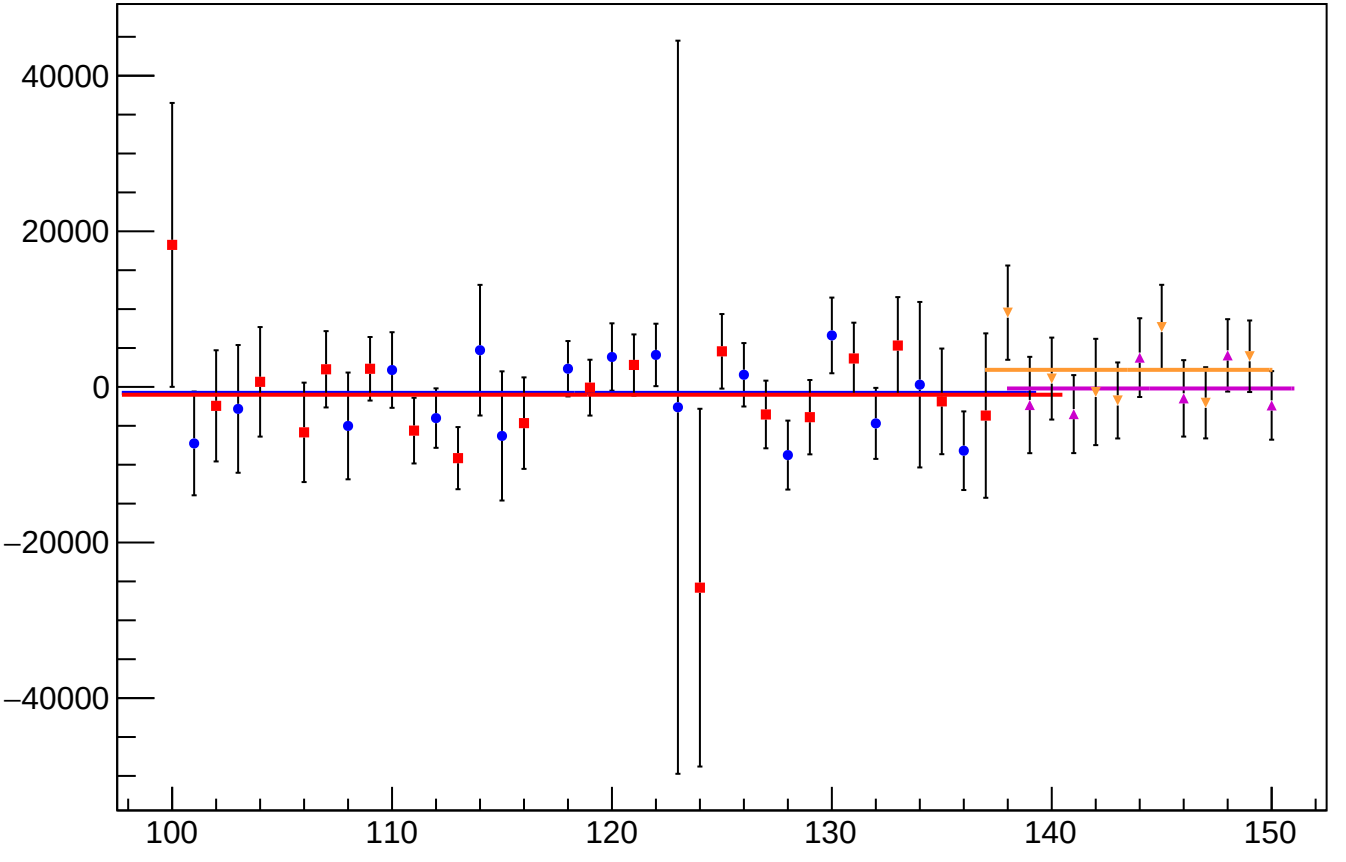
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4123.446+/-1.315 χ^2/NDF:100523.2/5

Out: 695.395+/-0.370 χ^2/NDF:6303825.3/6

All: 947.204+/-0.356 χ^2/NDF: 12702334.4/12

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2193.970+/-1978.406 χ^2/NDF:4.4/6

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

Left In: -201.434+/-2024.246 χ^2/NDF:2.3/5

Left: 1023.697+/-1414.873 χ^2/NDF: 7.4/12

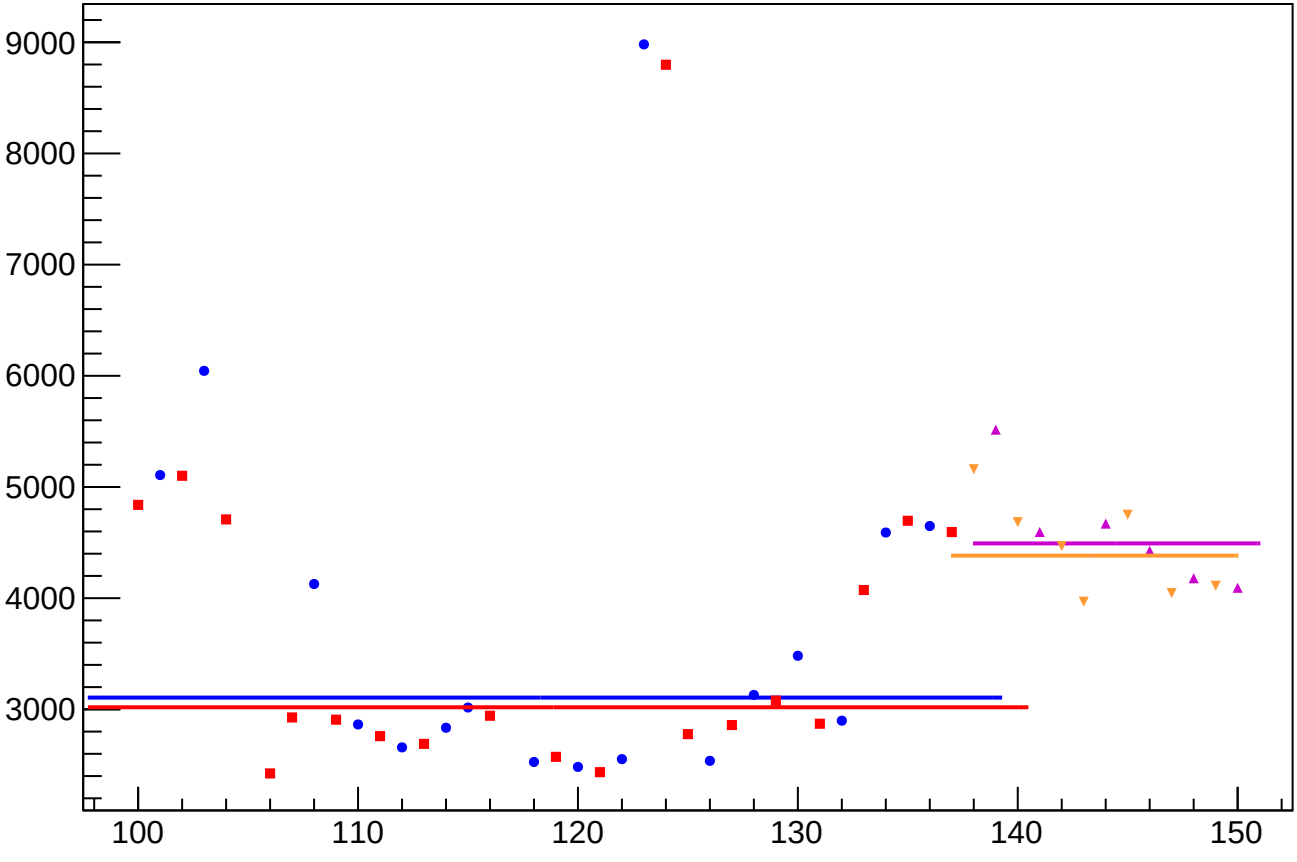
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -609.915+/-1062.145 χ^2/NDF:17.9/22

Out: -153.789+/-1020.446 χ^2/NDF:21.3/25

All: -372.723+/-735.864 χ^2/NDF: 39.3/48

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4382.818+/-1.399 χ^2/NDF:81105.6/6

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

Left In: 4492.437+/-1.431 χ^2/NDF:83752.0/5

Left: 4436.372+/-1.000 χ^2/NDF: 167857.3/12

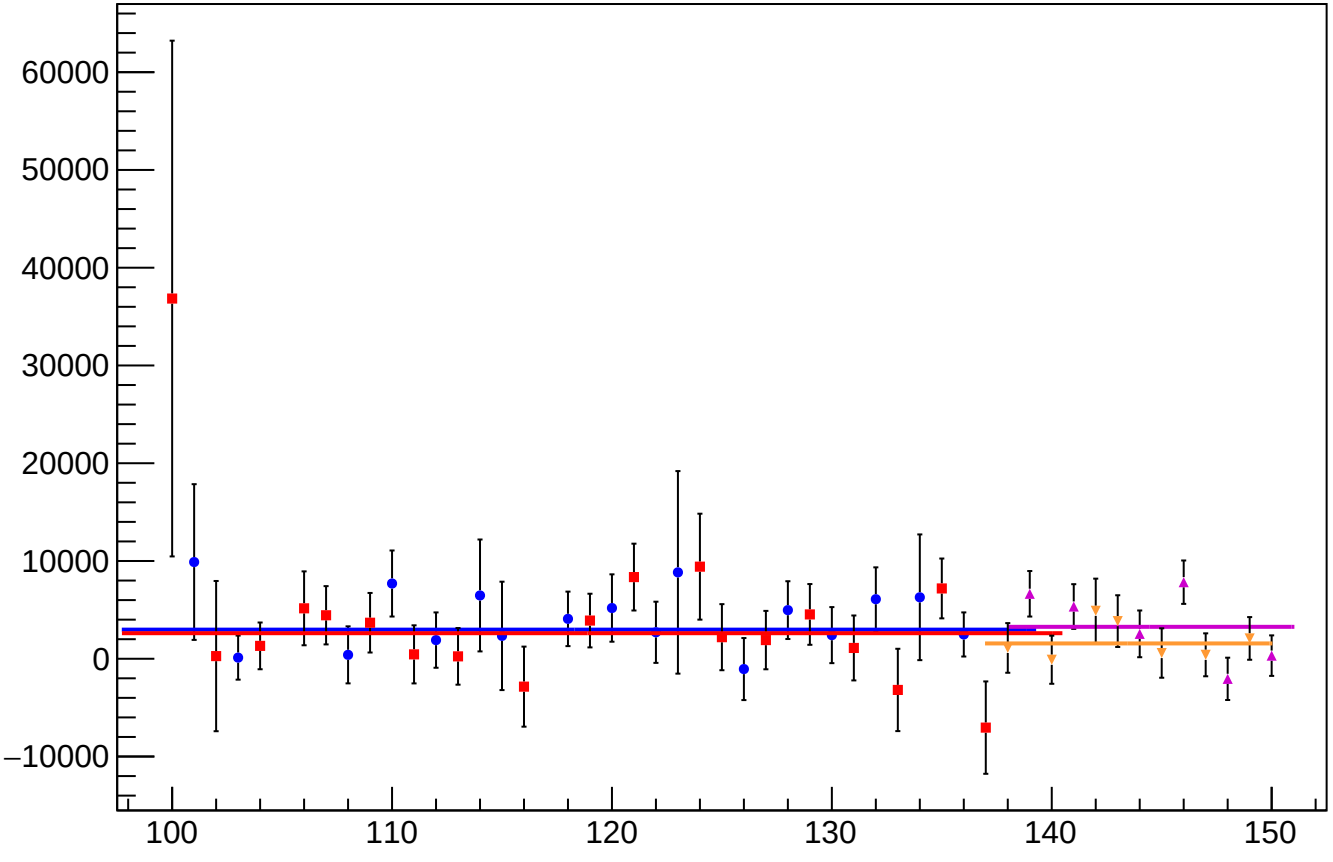
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3487.605+/-0.751 χ^2/NDF:1723633.5/22

Out: 3375.034+/-0.715 χ^2/NDF:1577793.8/25

All: 3428.549+/-0.518 χ^2/NDF: 3313213.1/48

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1566.828+/-940.813 χ^2/NDF:2.8/6

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

Left In: 3266.352+/-912.685 χ^2/NDF:15.3/5

Left: 2442.375+/-655.084 χ^2/NDF: 19.8/12

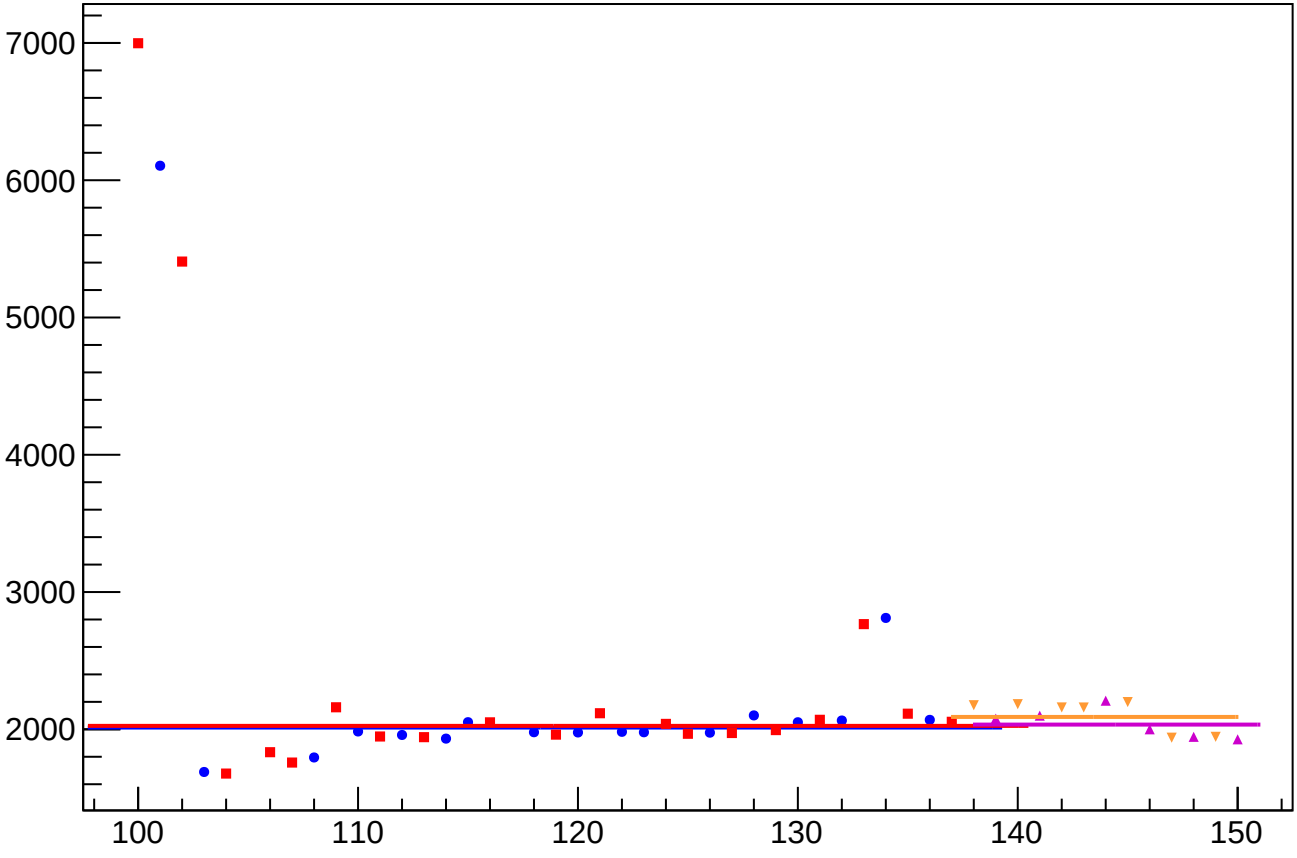
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3102.722+/-599.639 χ^2/NDF:25.2/22

Out: 2185.267+/-601.938 χ^2/NDF:23.1/25

All: 2645.750+/-424.819 χ^2/NDF: 49.5/48

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2090.170+/-0.665 χ^2/NDF:29316.4/6

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

Left In: 2034.370+/-0.645 χ^2/NDF:22153.1/5

Left: 2061.424+/-0.463 χ^2/NDF: 55094.0/12

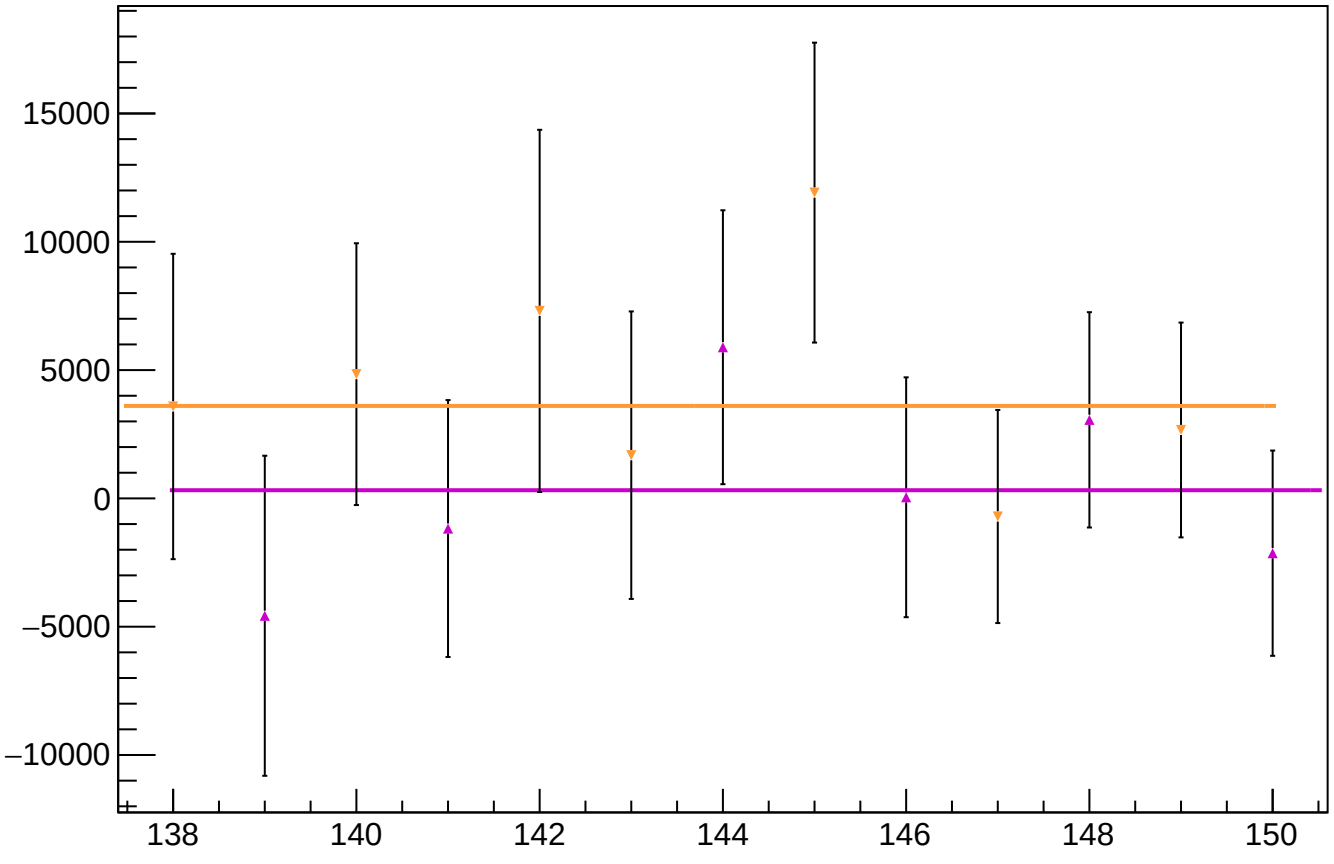
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2022.193+/-0.424 χ^2/NDF:640486.9/22

Out: 2051.709+/-0.426 χ^2/NDF:632396.7/25

All: 2036.897+/-0.300 χ^2/NDF: 1275297.5/48

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3604.102+/-1950.046 χ^2/NDF:3.6/6

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

Left In: 318.654+/-1939.559 χ^2/NDF:2.6/5

Left: 1952.520+/-1375.168 χ^2/NDF: 7.6/12

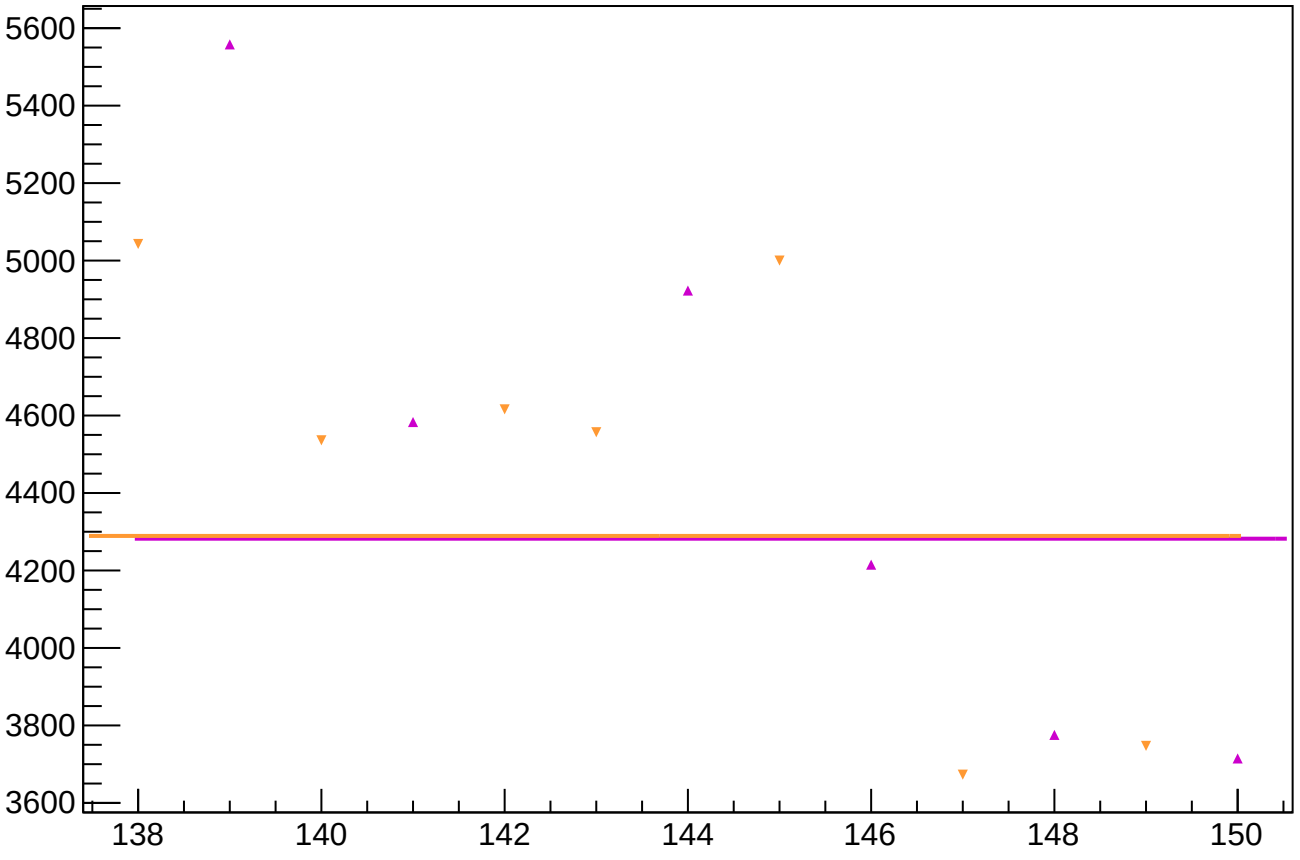
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 318.654+/-1939.559 χ^2/NDF:2.6/5

Out: 3604.102+/-1950.046 χ^2/NDF:3.6/6

All: 1952.520+/-1375.168 χ^2/NDF: 7.6/12

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4289.209+/-1.379 χ^2/NDF:152801.8/6

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

Left In: 4282.063+/-1.371 χ^2/NDF:189563.3/5

Left: 4285.617+/-0.972 χ^2/NDF: 342378.6/12

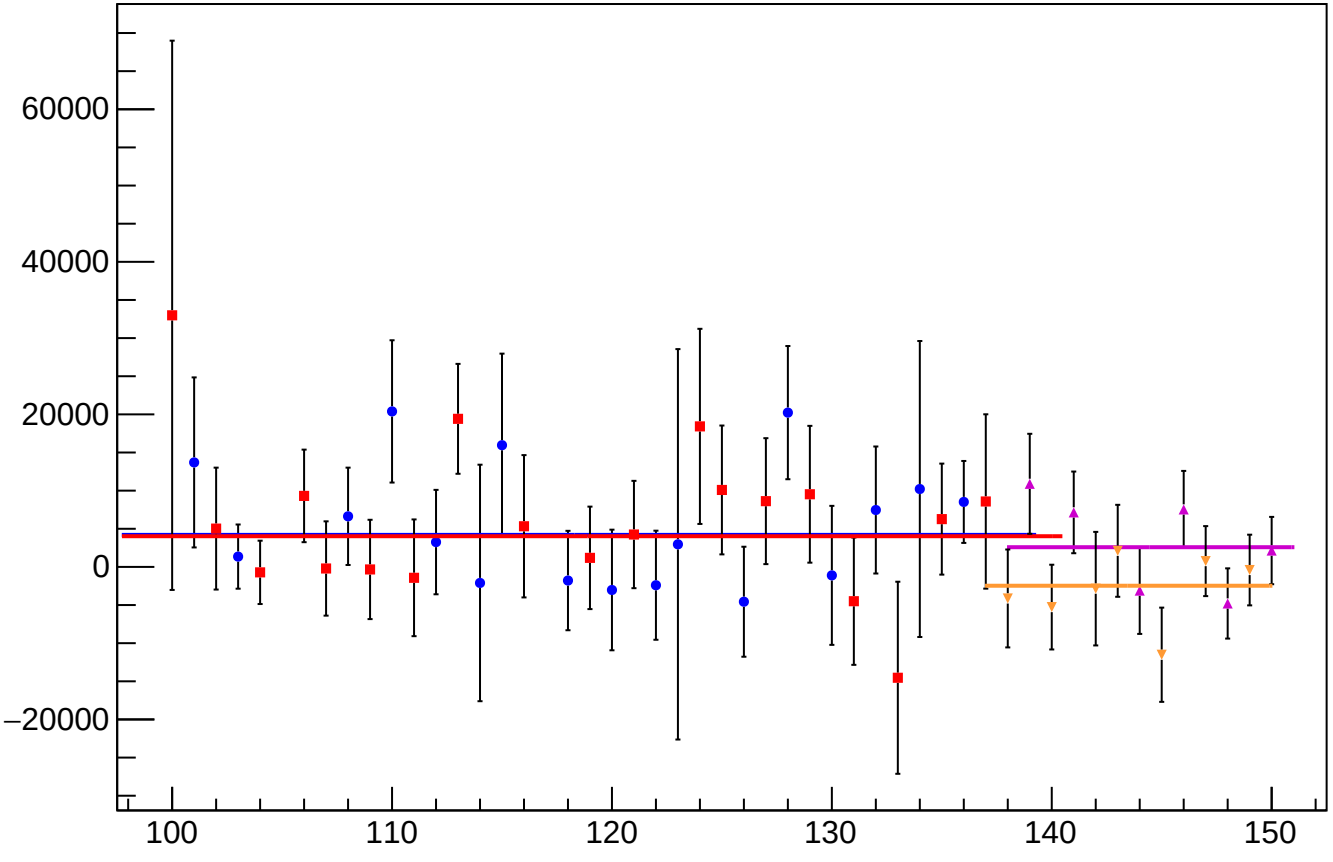
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4282.063+/-1.371 χ^2/NDF:189563.3/5

Out: 4289.209+/-1.379 χ^2/NDF:152801.8/6

All: 4285.617+/-0.972 χ^2/NDF: 342378.6/12

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2468.411+/-2119.950 χ^2/NDF:3.7/6

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

Left In: 2583.499+/-2099.558 χ^2/NDF:6.9/5

Left: 81.959+/-1491.769 χ^2/NDF: 13.5/12

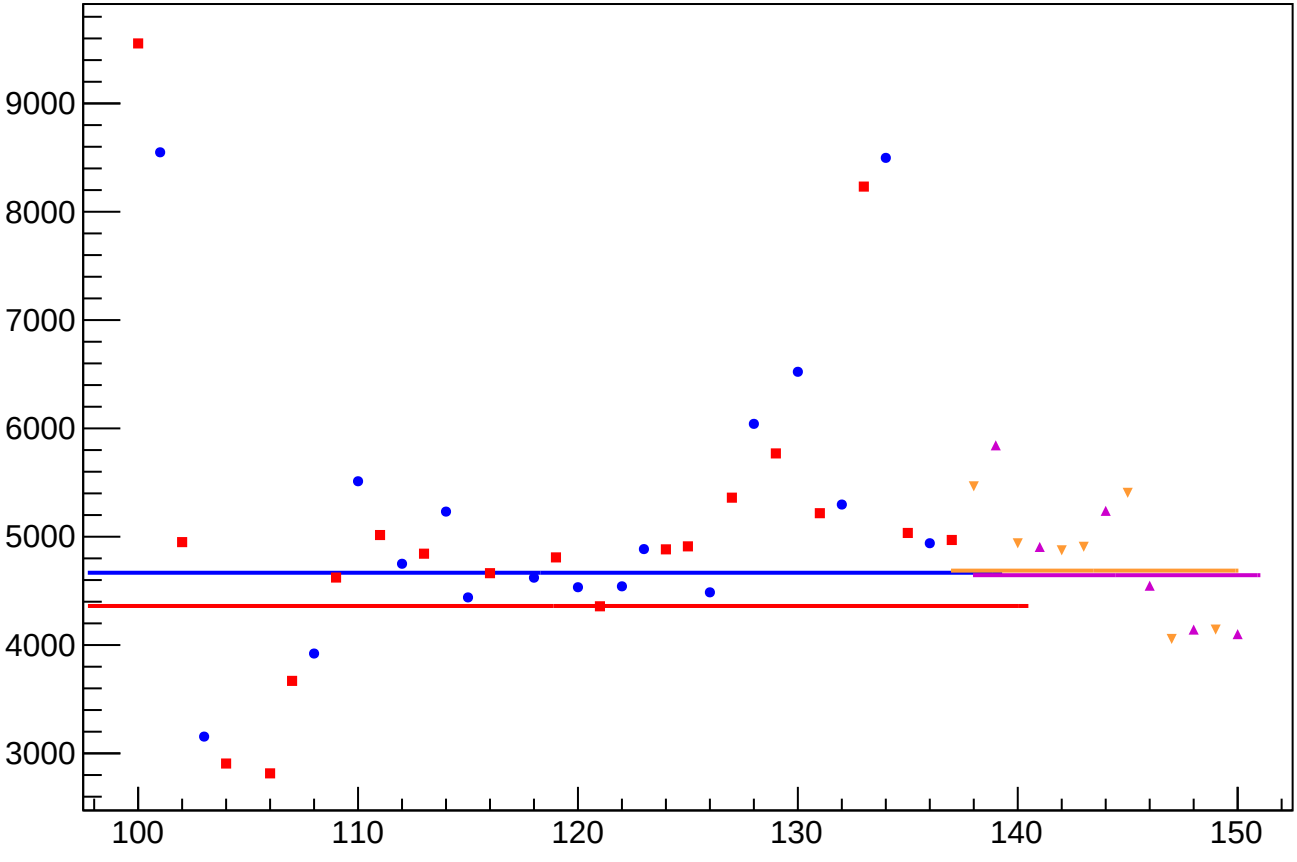
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 3489.445+/-1391.323 χ^2/NDF:21.3/22

Out: 1437.197+/-1338.099 χ^2/NDF:24.2/25

All: 2423.317+/-964.446 χ^2/NDF: 46.7/48

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4686.986+/-1.499 χ^2/NDF:129885.1/6

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

Left In: 4644.819+/-1.485 χ^2/NDF:148432.0/5

Left: 4665.699+/-1.055 χ^2/NDF: 278716.6/12

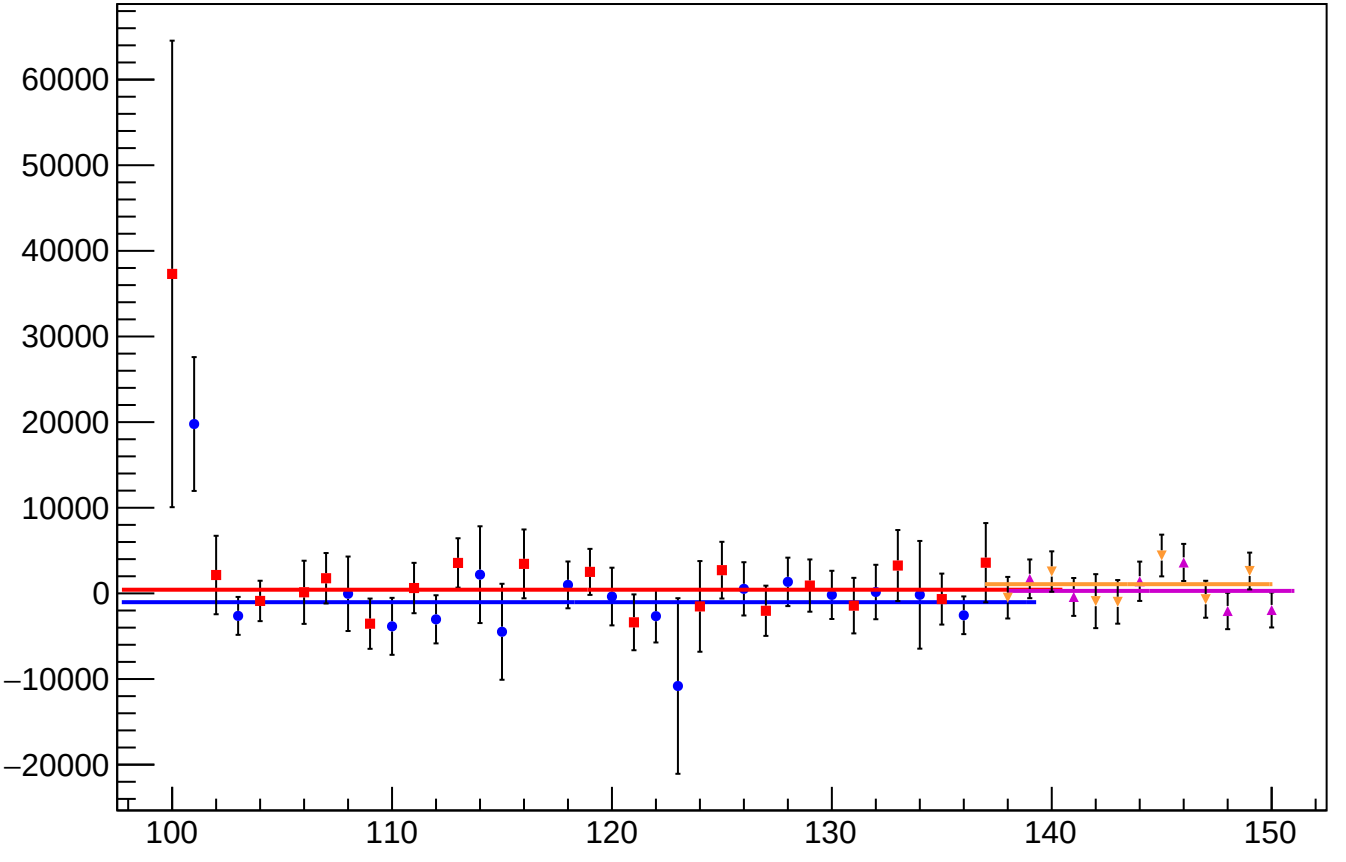
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4657.523+/-0.984 χ^2/NDF:926420.5/22

Out: 4489.718+/-0.943 χ^2/NDF:991284.7/25

All: 4570.057+/-0.681 χ^2/NDF: 1932869.3/48

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051+/-796.597 χ^2/NDF: 13.1/16

Left Out: 1075.210+/-911.331 χ^2/NDF:4.9/6

Right Out: 428.488+/-760.817 χ^2/NDF: 10.8/18

Left In: 290.847+/-889.549 χ^2/NDF:5.5/5

Left: 673.543+/-636.568 χ^2/NDF: 10.8/12

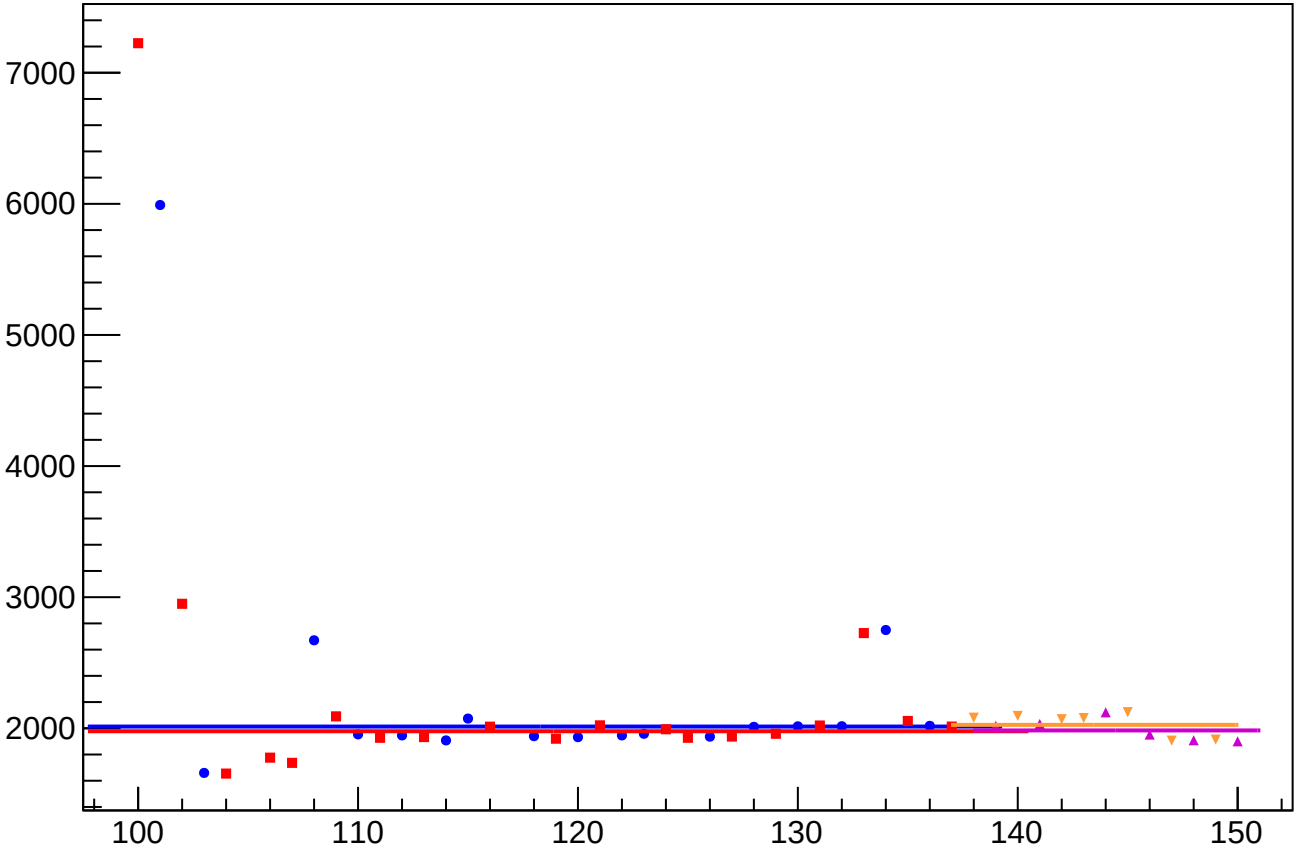
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -440.534+/-593.430 χ^2/NDF:19.8/22

Out: 694.104+/-584.042 χ^2/NDF:16.0/25

All: 135.830+/-416.260 χ^2/NDF: 37.6/48

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2026.245+/-0.644 χ^2/NDF:18718.8/6

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

Left In: 1983.713+/-0.629 χ^2/NDF:14913.9/5

Left: 2004.465+/-0.450 χ^2/NDF: 35863.5/12

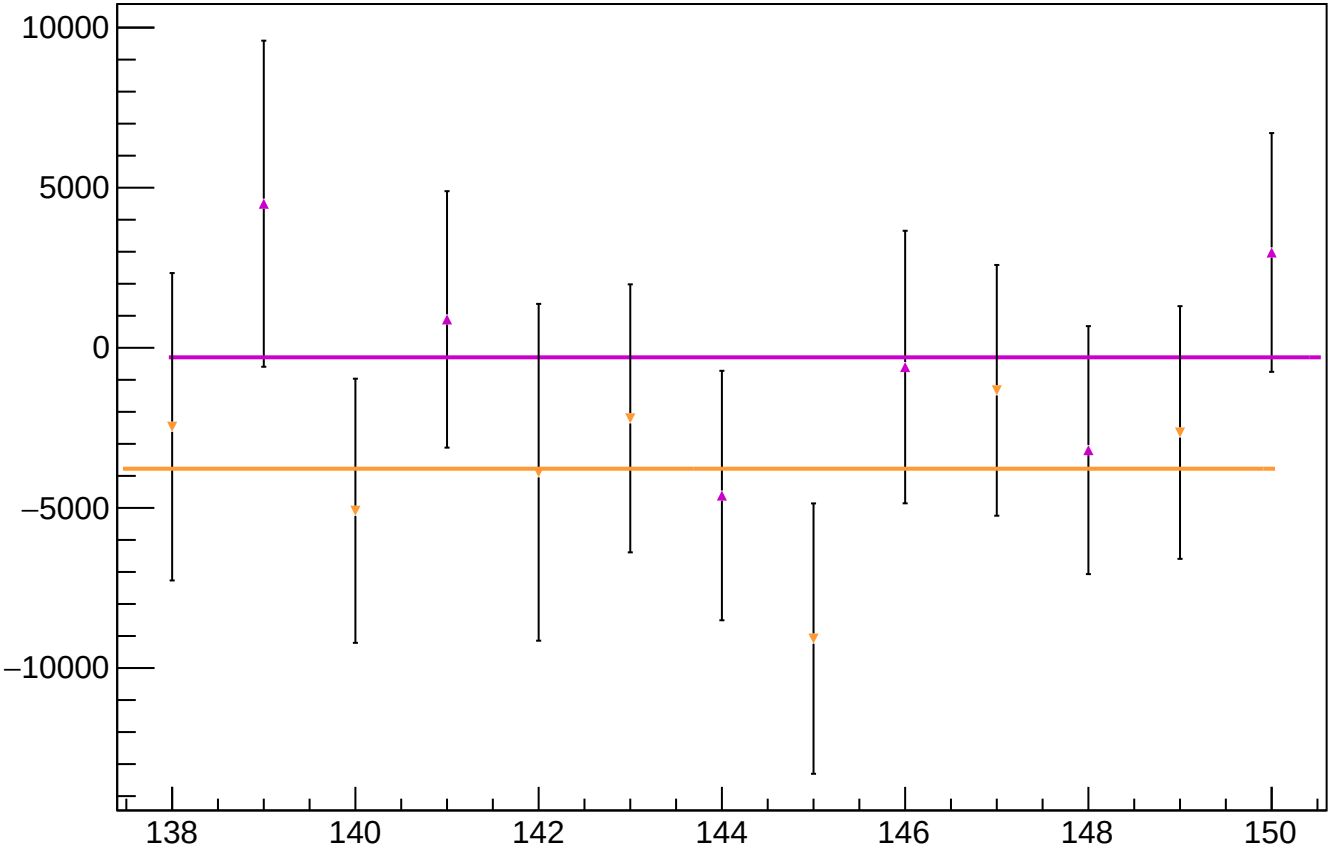
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 2000.116+/-0.420 χ^2/NDF:666187.9/22

Out: 1997.521+/-0.413 χ^2/NDF:316986.5/25

All: 1998.797+/-0.294 χ^2/NDF: 983193.9/48

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3775.744+/-1620.100 χ^2/NDF:2.4/6

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

Left In: -297.372+/-1665.043 χ^2/NDF:3.5/5

Left: -2084.136+/-1161.147 χ^2/NDF: 8.2/12

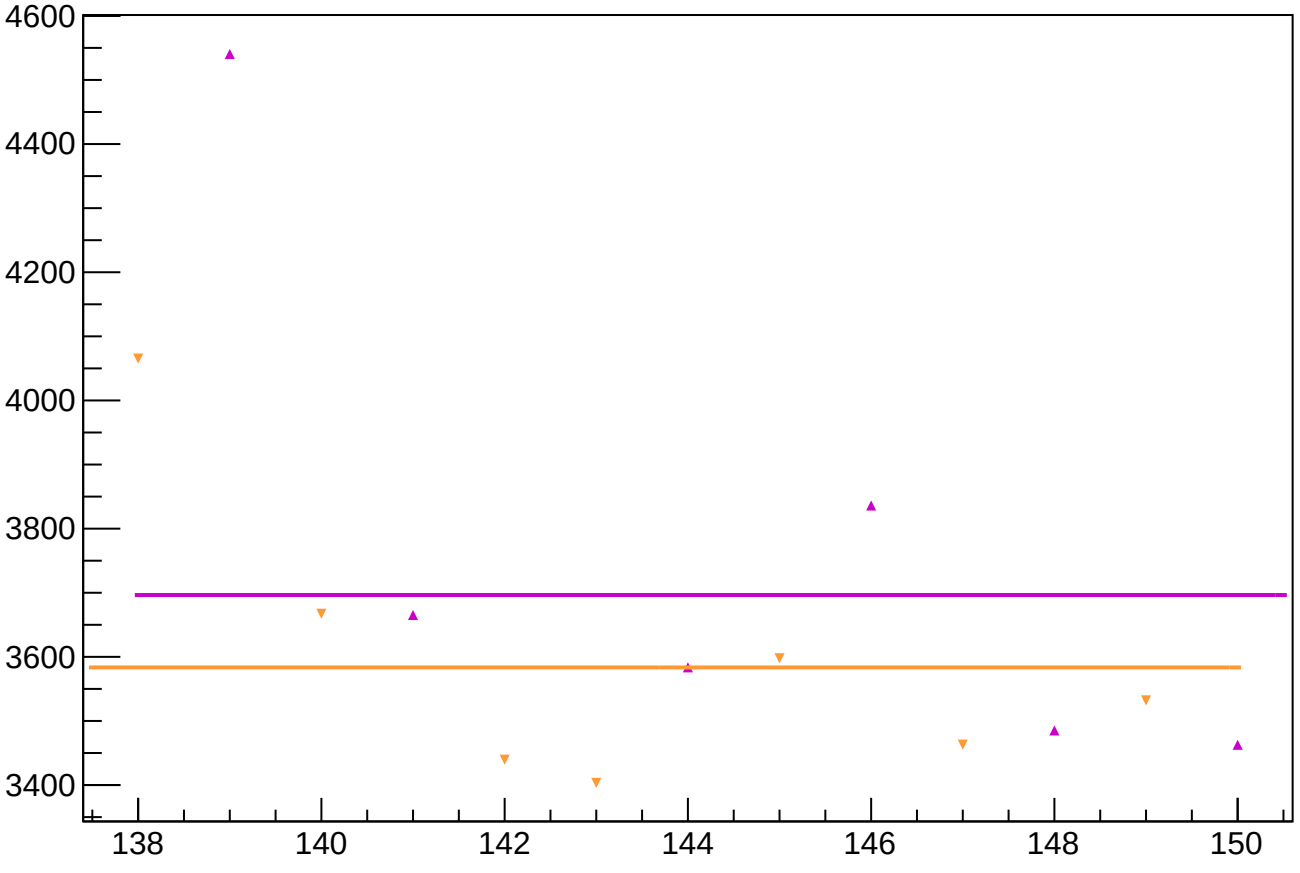
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -297.372+/-1665.043 χ^2/NDF:3.5/5

Out: -3775.744+/-1620.100 χ^2/NDF:2.4/6

All: -2084.136+/-1161.147 χ^2/NDF: 8.2/12

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3583.476+/-1.146 χ^2/NDF:28432.8/6

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

Left In: 3696.454+/-1.177 χ^2/NDF:72713.0/5

Left: 3638.419+/-0.821 χ^2/NDF: 105875.8/12

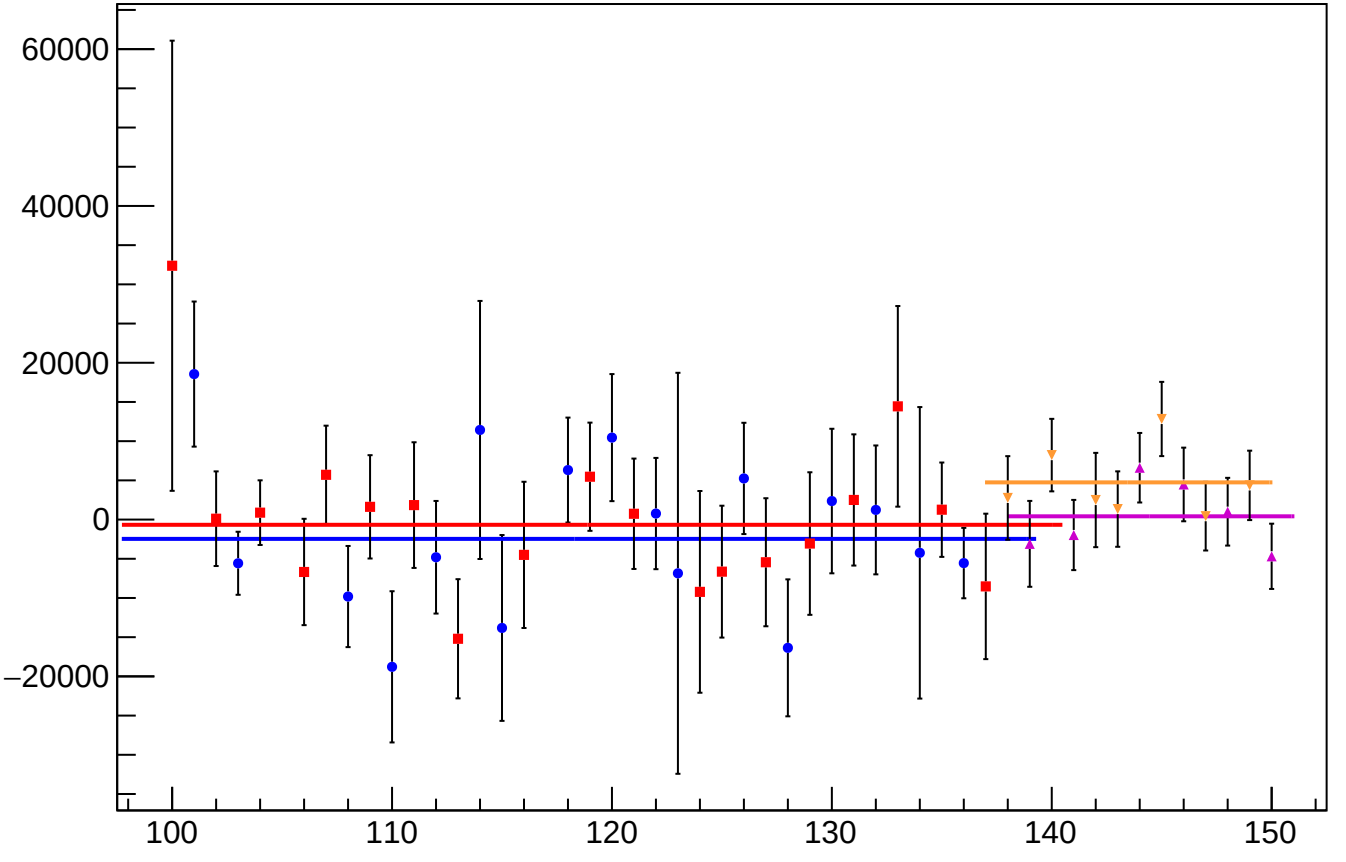
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3696.454+/-1.177 χ^2/NDF:72713.0/5

Out: 3583.476+/-1.146 χ^2/NDF:28432.8/6

All: 3638.419+/-0.821 χ^2/NDF: 105875.8/12

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 4743.644+/-1823.709 χ^2/NDF:5.2/6

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

Left In: 416.514+/-1854.649 χ^2/NDF:4.9/5

Left: 2616.474+/-1300.358 χ^2/NDF: 12.9/12

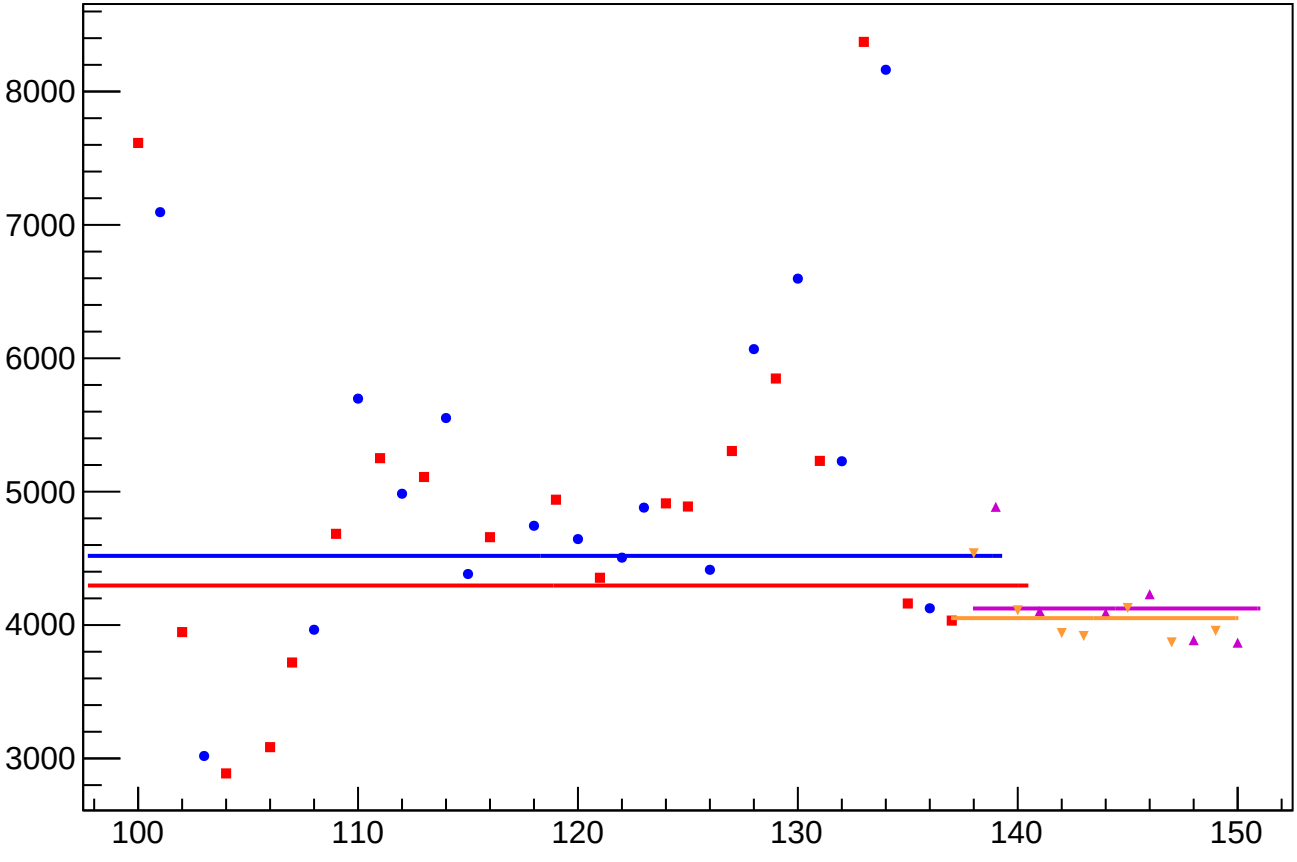
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -1068.072+/-1290.679 χ^2/NDF:27.0/22

Out: 1832.873+/-1239.513 χ^2/NDF:21.9/25

All: 441.040+/-894.009 χ^2/NDF: 51.5/48

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684+/-1.271 χ^2/NDF: 770226.9/16

Left Out: 4051.838+/-1.290 χ^2/NDF:24089.6/6

Right Out: 4296.379+/-1.188 χ^2/NDF: 771702.5/18

Left In: 4124.174+/-1.311 χ^2/NDF:53566.7/5

Left: 4087.397+/-0.919 χ^2/NDF: 79203.1/12

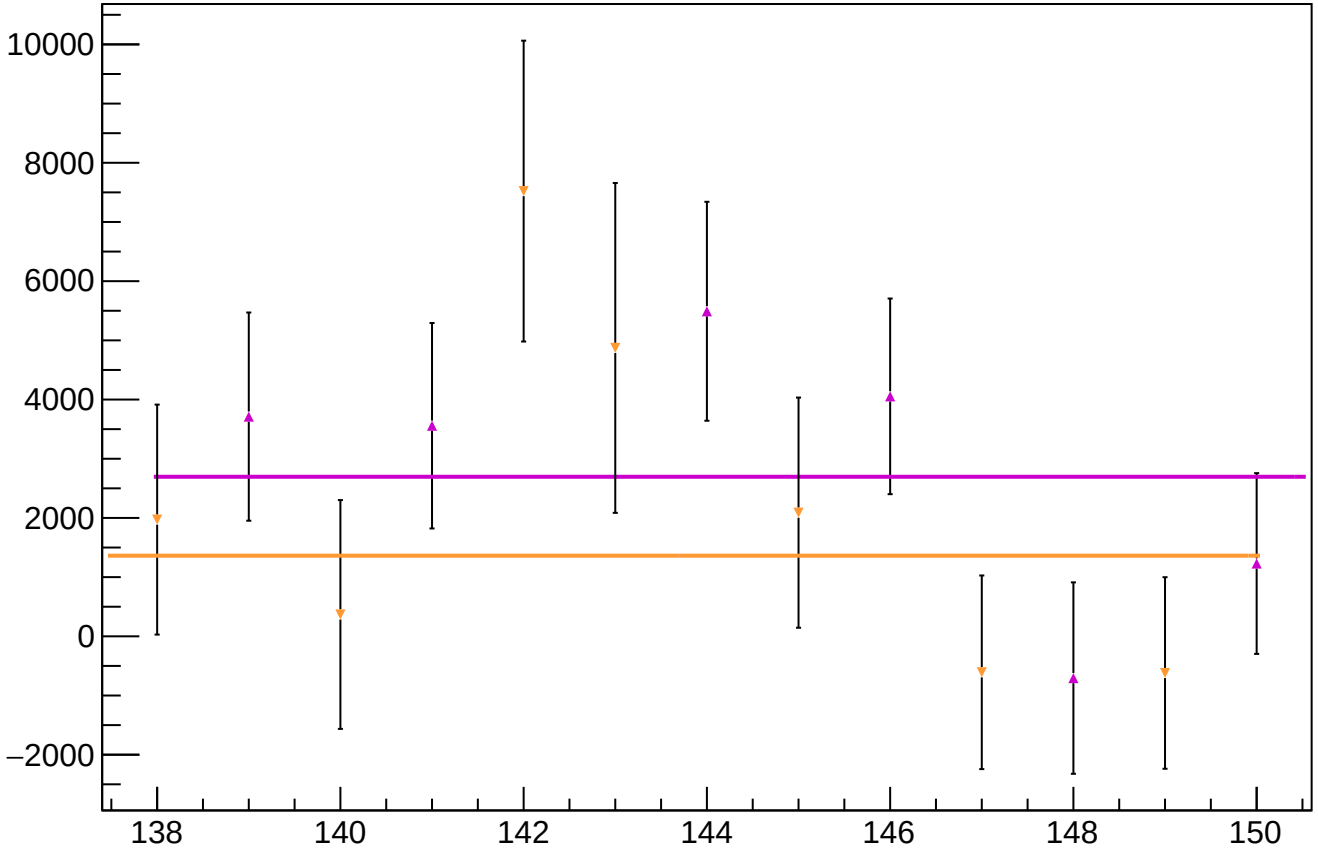
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4327.623+/-0.913 χ^2/NDF:870461.9/22

Out: 4184.089+/-0.874 χ^2/NDF:815239.9/25

All: 4252.740+/-0.631 χ^2/NDF: 1698606.0/48

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: 1362.519+/-737.912 χ^2/NDF:10.9/6

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

Left In: 2695.606+/-685.971 χ^2/NDF:8.9/5

Left: 2077.627+/-502.415 χ^2/NDF: 21.6/12

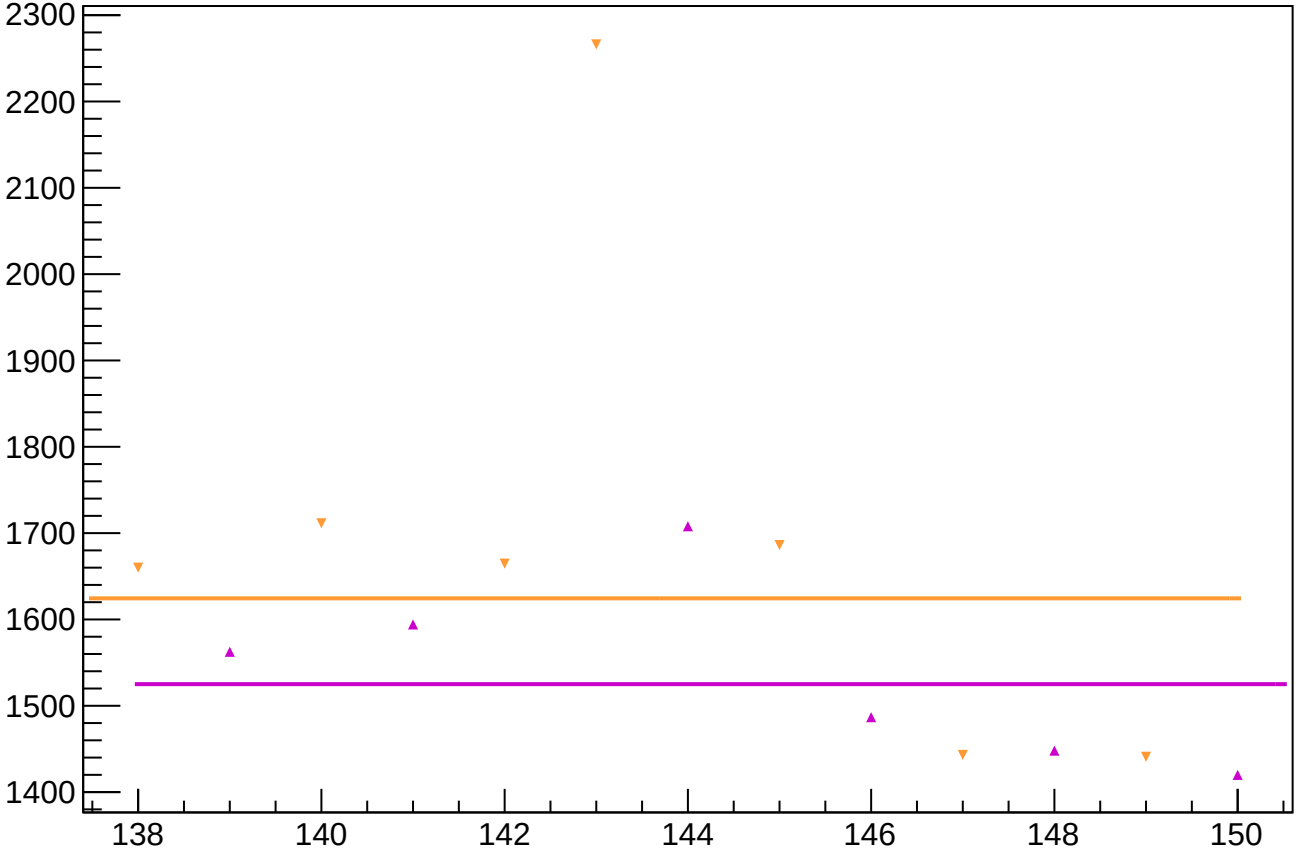
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2695.606+/-685.971 χ^2/NDF:8.9/5

Out: 1362.519+/-737.912 χ^2/NDF:10.9/6

All: 2077.627+/-502.415 χ^2/NDF: 21.6/12

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: 1624.451+/-0.522 χ^2/NDF:163622.7/6

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

Left In: 1525.064+/-0.485 χ^2/NDF:38727.8/5

Left: 1571.137+/-0.355 χ^2/NDF: 221813.0/12

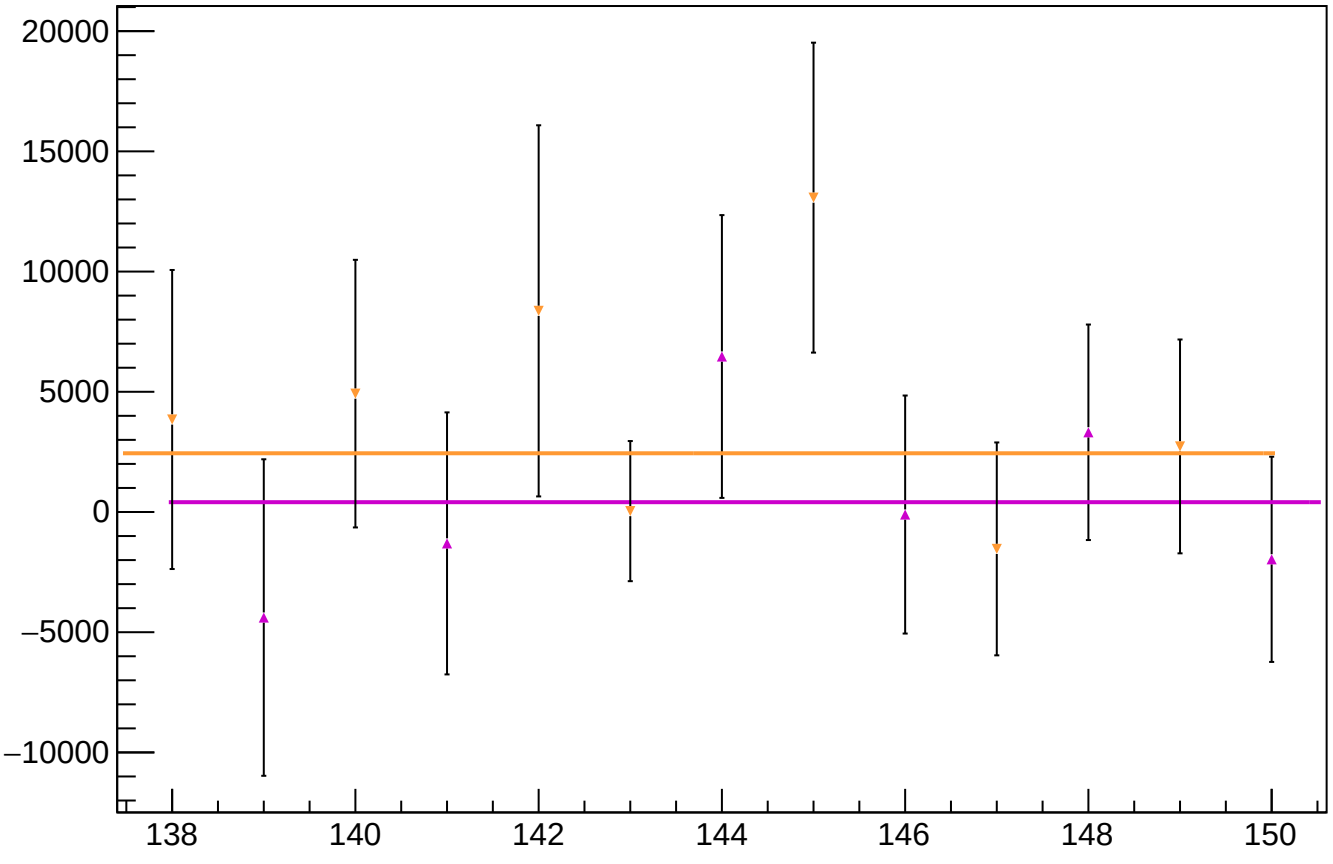
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1525.064+/-0.485 χ^2/NDF:38727.8/5

Out: 1624.451+/-0.522 χ^2/NDF:163622.7/6

All: 1571.137+/-0.355 χ^2/NDF: 221813.0/12

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: 2442.516+/-1772.381 χ^2/NDF:5.1/6

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

Left In: 408.311+/-2079.860 χ^2/NDF:2.4/5

Left: 1586.753+/-1349.005 χ^2/NDF: 8.0/12

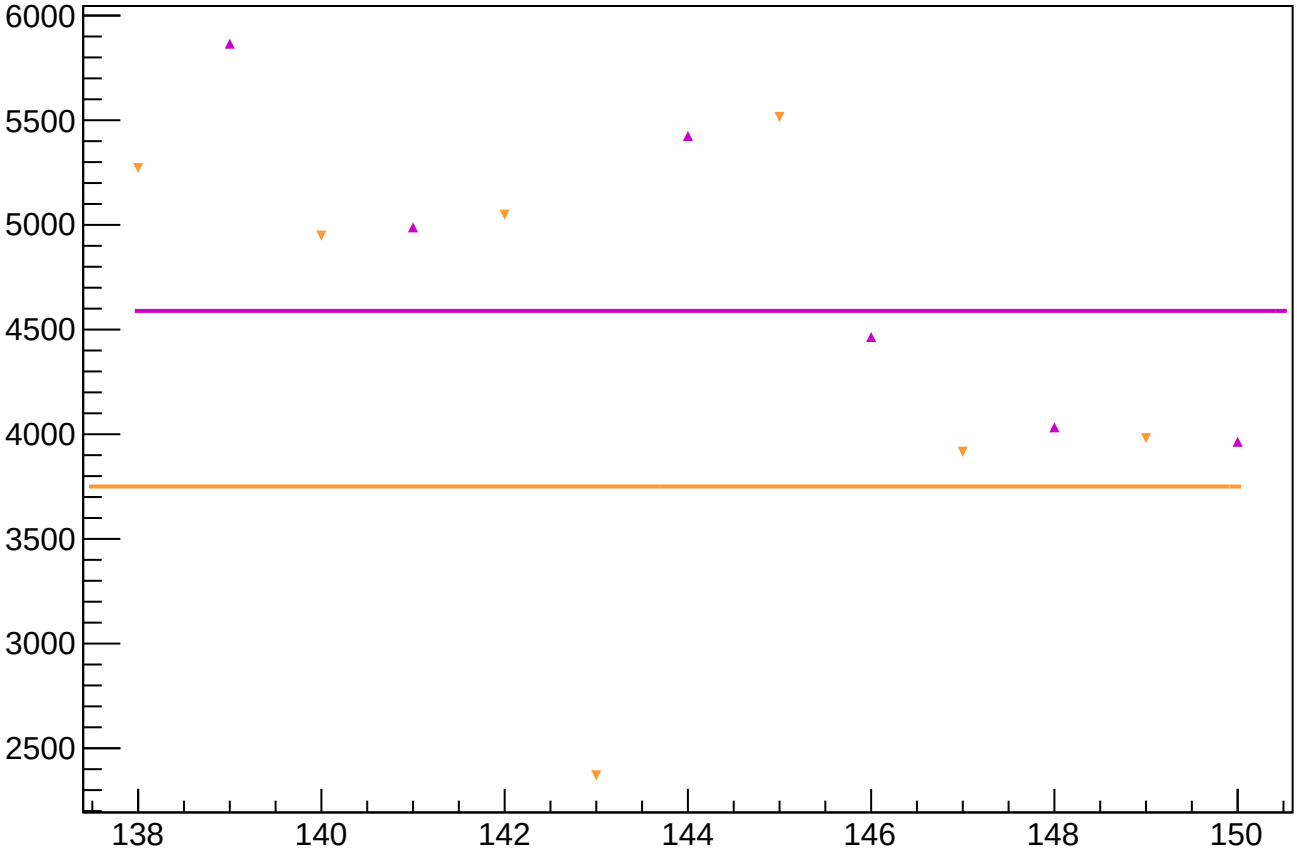
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 408.311+/-2079.860 χ^2/NDF:2.4/5

Out: 2442.516+/-1772.381 χ^2/NDF:5.1/6

All: 1586.753+/-1349.005 χ^2/NDF: 8.0/12

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: 3750.257+/-1.253 χ^2/NDF:875649.9/6

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

Left In: 4589.204+/-1.471 χ^2/NDF:201289.5/5

Left: 4103.191+/-0.954 χ^2/NDF: 1265453.5/12

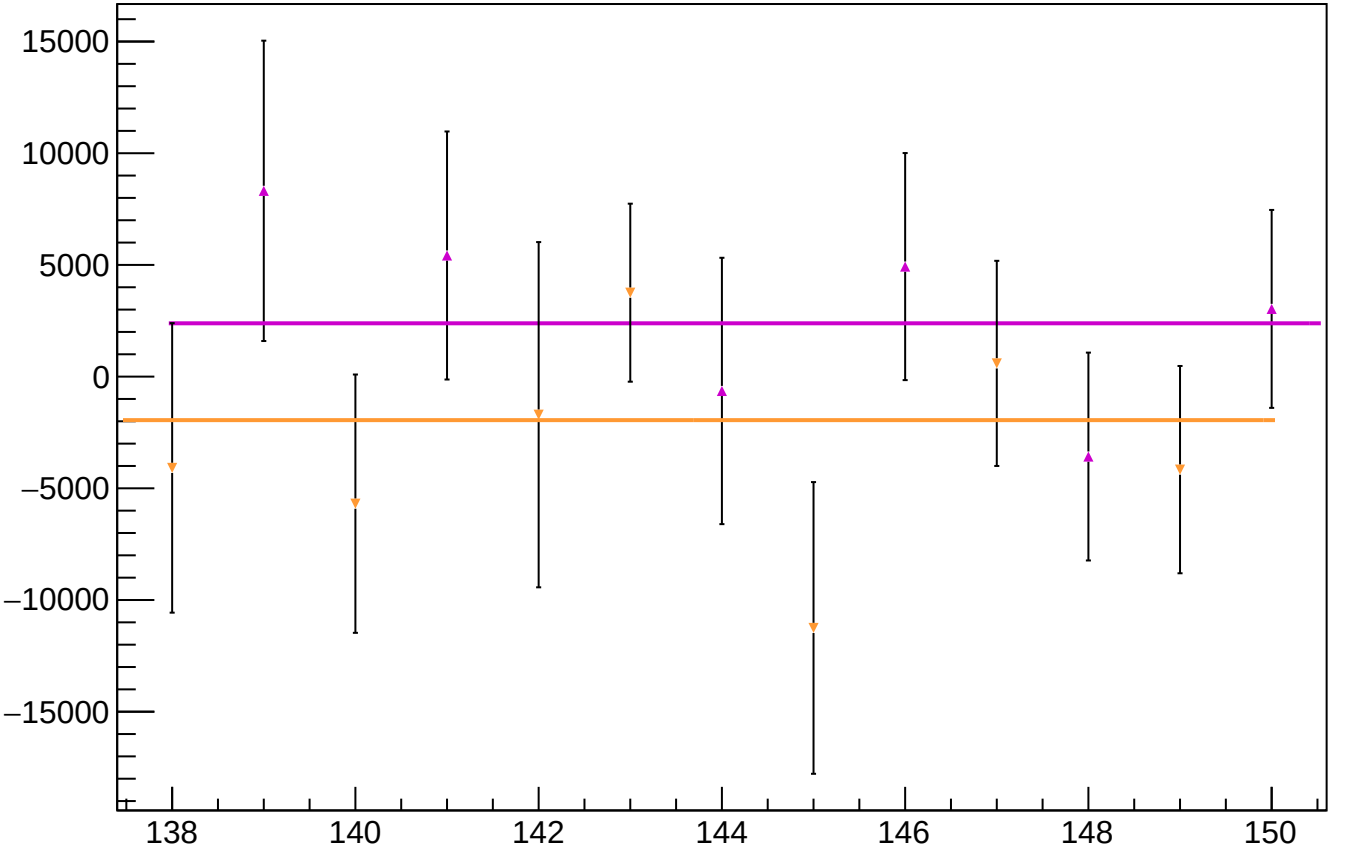
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4589.204+/-1.471 χ^2/NDF:201289.5/5

Out: 3750.257+/-1.253 χ^2/NDF:875649.9/6

All: 4103.191+/-0.954 χ^2/NDF: 1265453.5/12

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: -1948.189+/-1996.780 χ^2/NDF:5.1/6

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

Left In: 2386.708+/-2138.955 χ^2/NDF:3.2/5

Left: 70.413+/-1459.613 χ^2/NDF: 10.6/12

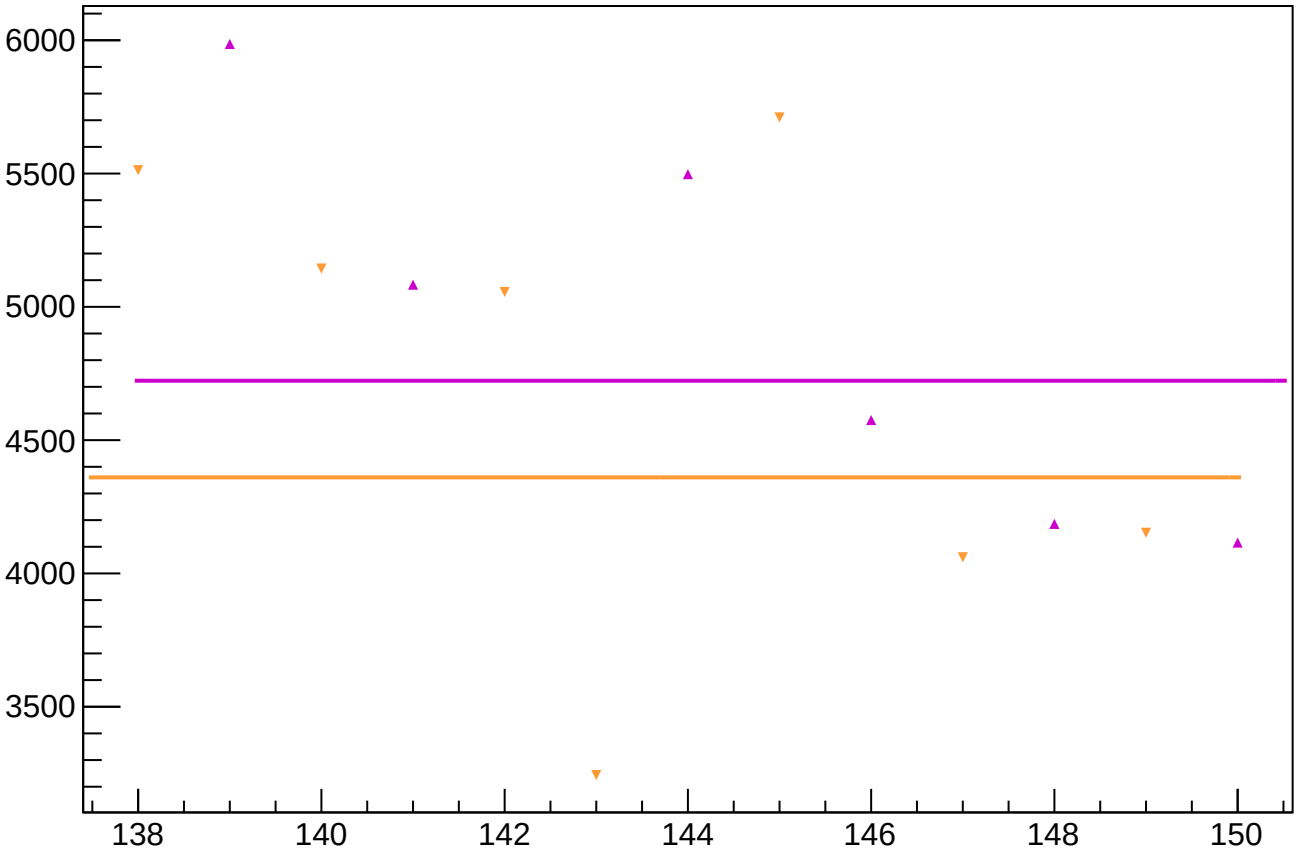
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2386.708+/-2138.955 χ^2/NDF:3.2/5

Out: -1948.189+/-1996.780 χ^2/NDF:5.1/6

All: 70.413+/-1459.613 χ^2/NDF: 10.6/12

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: 4360.320+/-1.412 χ^2/NDF:371279.5/6

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

Left In: 4722.918+/-1.512 χ^2/NDF:178730.8/5

Left: 4529.169+/-1.032 χ^2/NDF: 580721.2/12

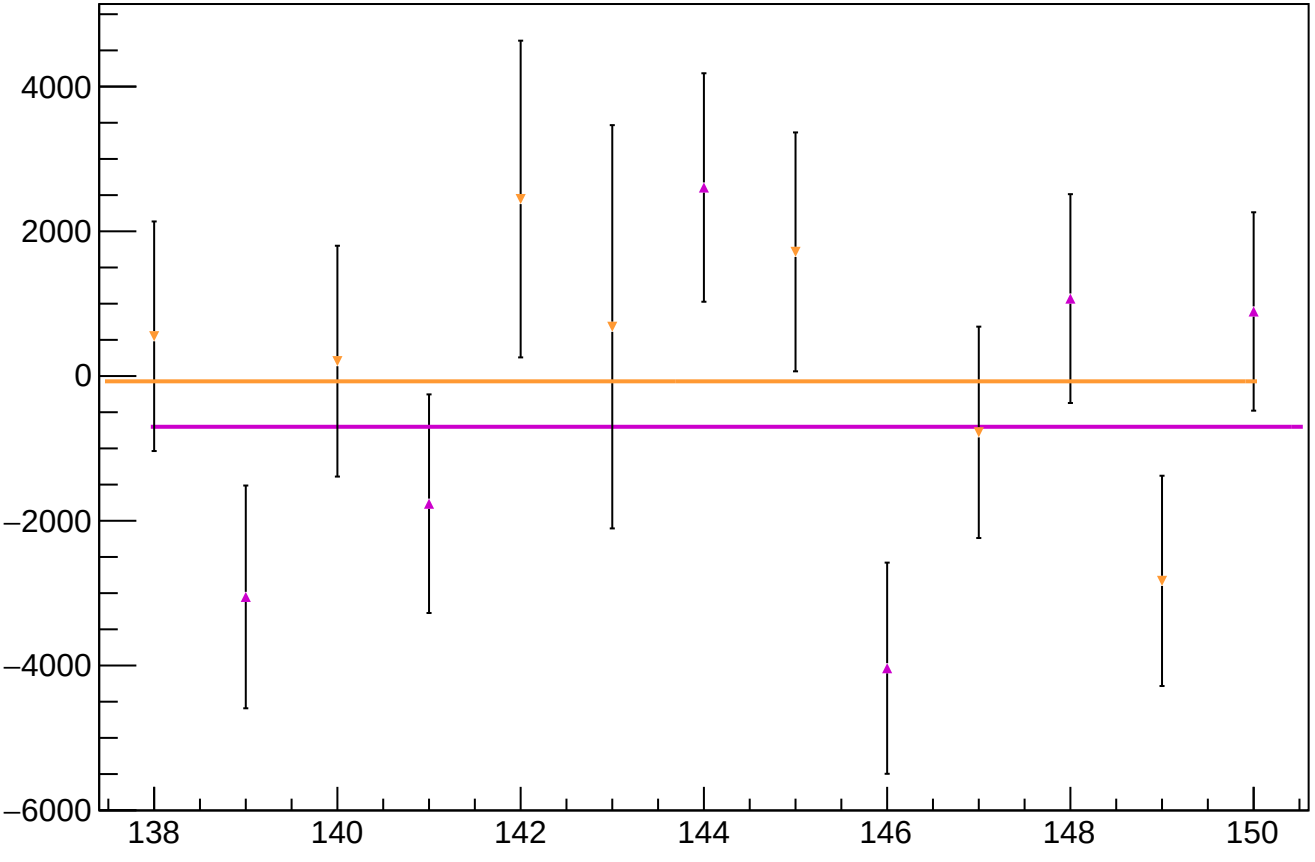
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4722.918+/-1.512 χ^2/NDF:178730.8/5

Out: 4360.320+/-1.412 χ^2/NDF:371279.5/6

All: 4529.169+/-1.032 χ^2/NDF: 580721.2/12

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: -72.995+/-640.477 χ^2/NDF:6.6/6

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

Left In: -701.068+/-603.686 χ^2/NDF:15.3/5

Left: -405.587+/-439.301 χ^2/NDF: 22.4/12

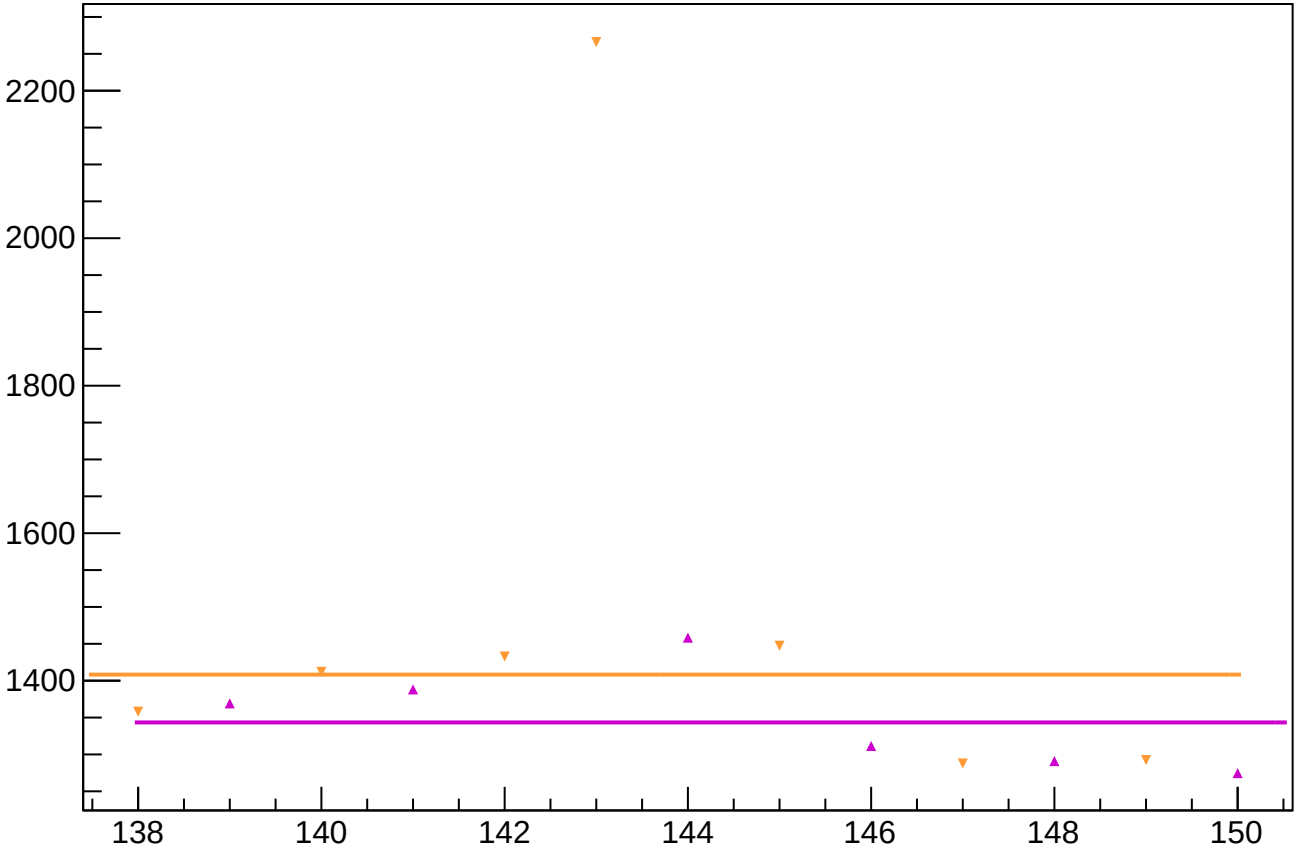
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -701.068+/-603.686 χ^2/NDF:15.3/5

Out: -72.995+/-640.477 χ^2/NDF:6.6/6

All: -405.587+/-439.301 χ^2/NDF: 22.4/12

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: 1408.242+/-0.453 χ^2/NDF:219238.1/6

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

Left In: 1343.393+/-0.427 χ^2/NDF:21548.2/5

Left: 1373.902+/-0.311 χ^2/NDF: 251643.6/12

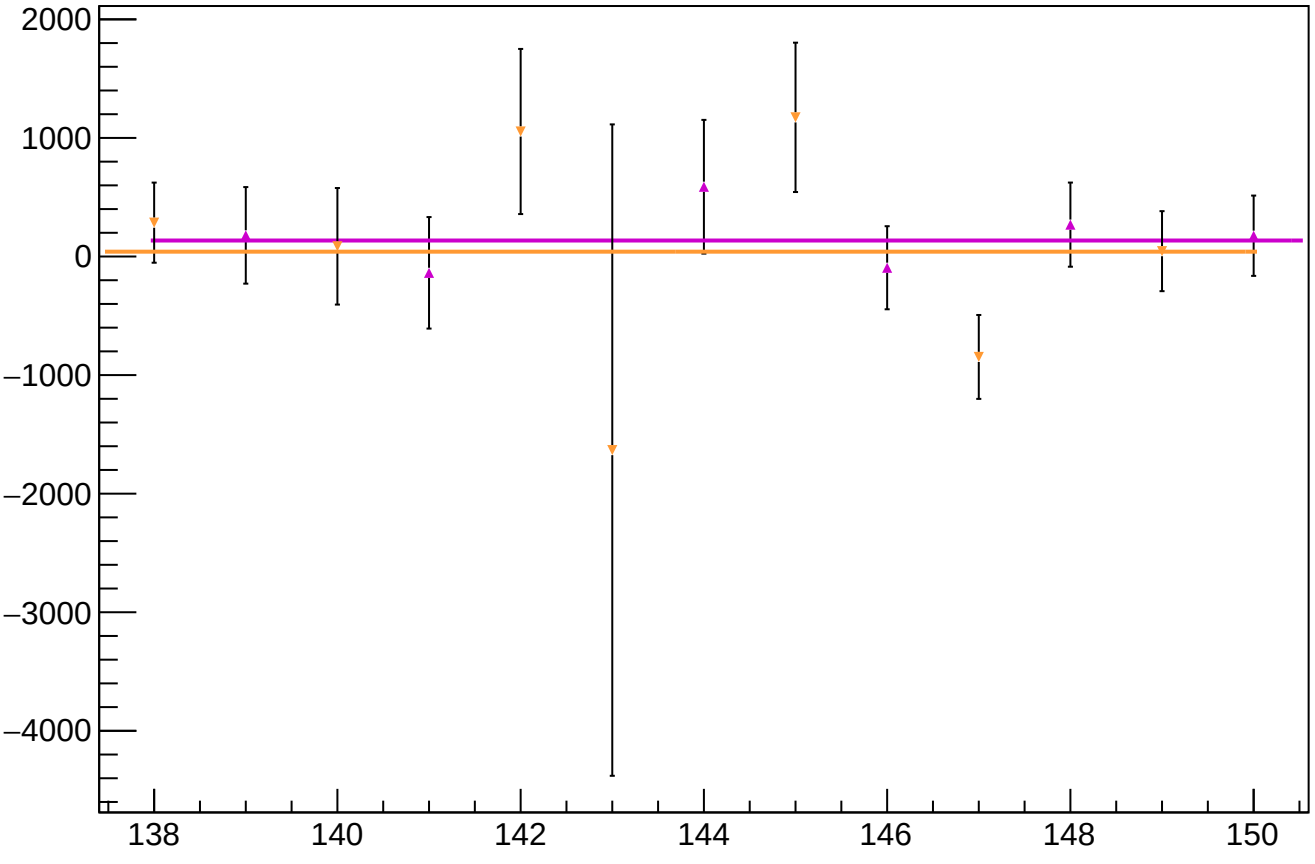
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1343.393+/-0.427 χ^2/NDF:21548.2/5

Out: 1408.242+/-0.453 χ^2/NDF:219238.1/6

All: 1373.902+/-0.311 χ^2/NDF: 251643.6/12

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: 40.844+/-170.521 χ^2/NDF:12.6/6

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

Left In: 134.904+/-161.137 χ^2/NDF:1.6/5

Left: 90.533+/-117.118 χ^2/NDF: 14.3/12

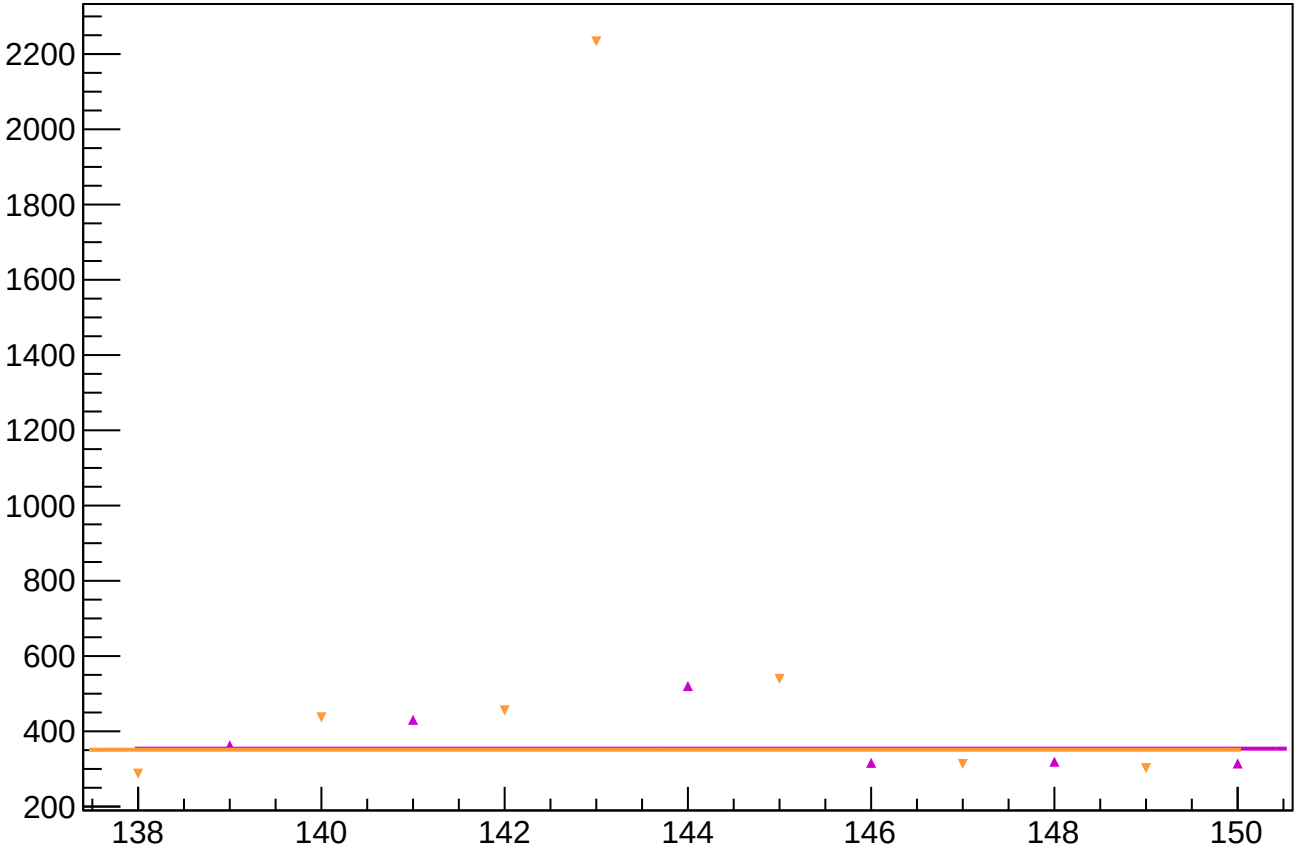
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 134.904+/-161.137 χ^2/NDF:1.6/5

Out: 40.844+/-170.521 χ^2/NDF:12.6/6

All: 90.533+/-117.118 χ^2/NDF: 14.3/12

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: 351.199+/-0.121 χ^2/NDF:1360800.0/6

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

Left In: 353.917+/-0.114 χ^2/NDF:297849.3/5

Left: 352.635+/-0.083 χ^2/NDF: 1658917.6/12

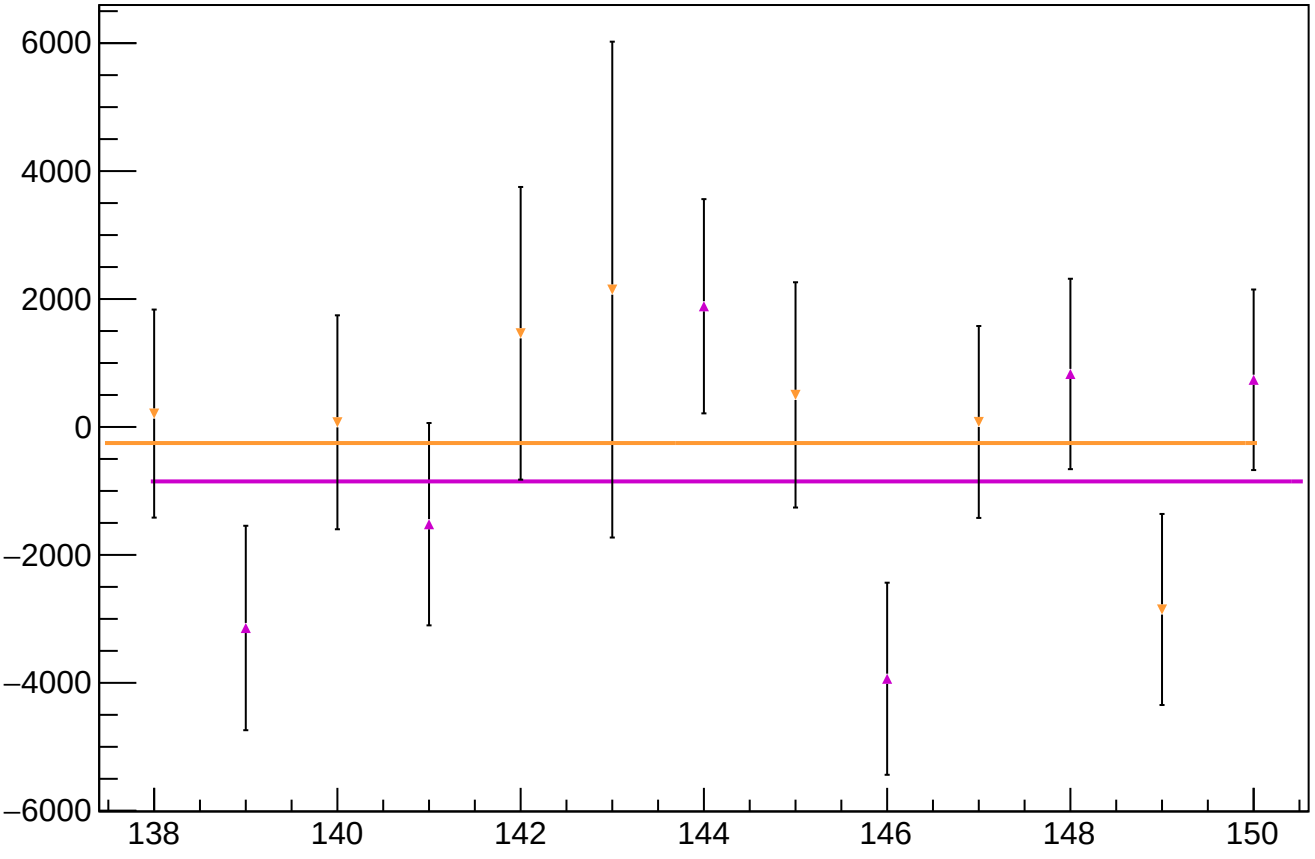
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.917+/-0.114 χ^2/NDF:297849.3/5

Out: 351.199+/-0.121 χ^2/NDF:1360800.0/6

All: 352.635+/-0.083 χ^2/NDF: 1658917.6/12

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: -251.213+/-672.837 χ^2/NDF:4.3/6

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

Left In: -851.103+/-626.786 χ^2/NDF:11.7/5

Left: -572.388+/-458.622 χ^2/NDF: 16.4/12

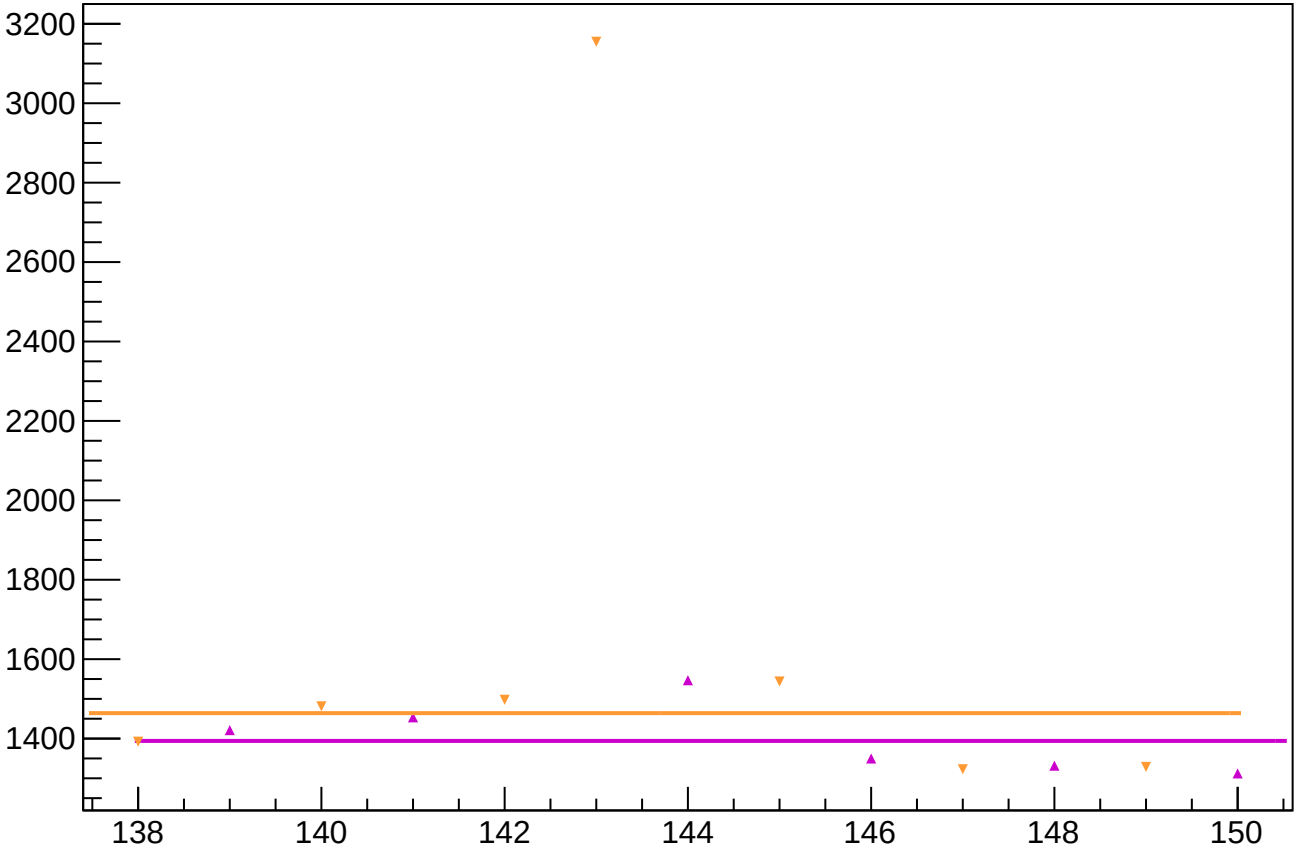
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -851.103+/-626.786 χ^2/NDF:11.7/5

Out: -251.213+/-672.837 χ^2/NDF:4.3/6

All: -572.388+/-458.622 χ^2/NDF: 16.4/12

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: 1464.114+/-0.476 χ^2/NDF:423476.5/6

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

Left In: 1394.158+/-0.443 χ^2/NDF:32025.8/5

Left: 1426.660+/-0.324 χ^2/NDF: 467077.7/12

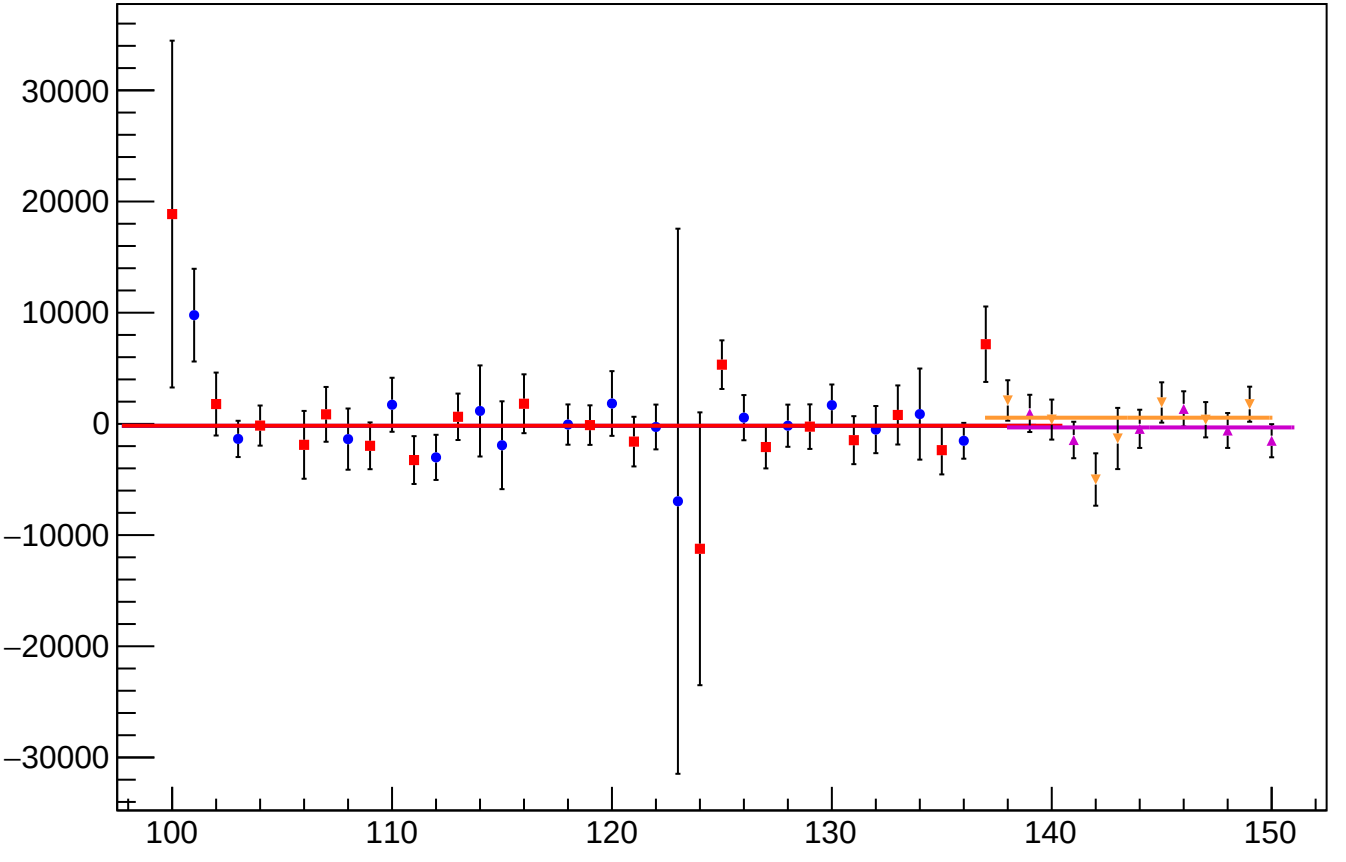
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1394.158+/-0.443 χ^2/NDF:32025.8/5

Out: 1464.114+/-0.476 χ^2/NDF:423476.5/6

All: 1426.660+/-0.324 χ^2/NDF: 467077.7/12

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841+/-554.659 χ^2/NDF: 11.8/16

Left Out: 556.613+/-702.517 χ^2/NDF:7.9/6

Right Out: -164.937+/-540.101 χ^2/NDF: 20.7/18

Left In: -318.037+/-656.234 χ^2/NDF:2.8/5

Left: 89.530+/-479.556 χ^2/NDF: 11.6/12

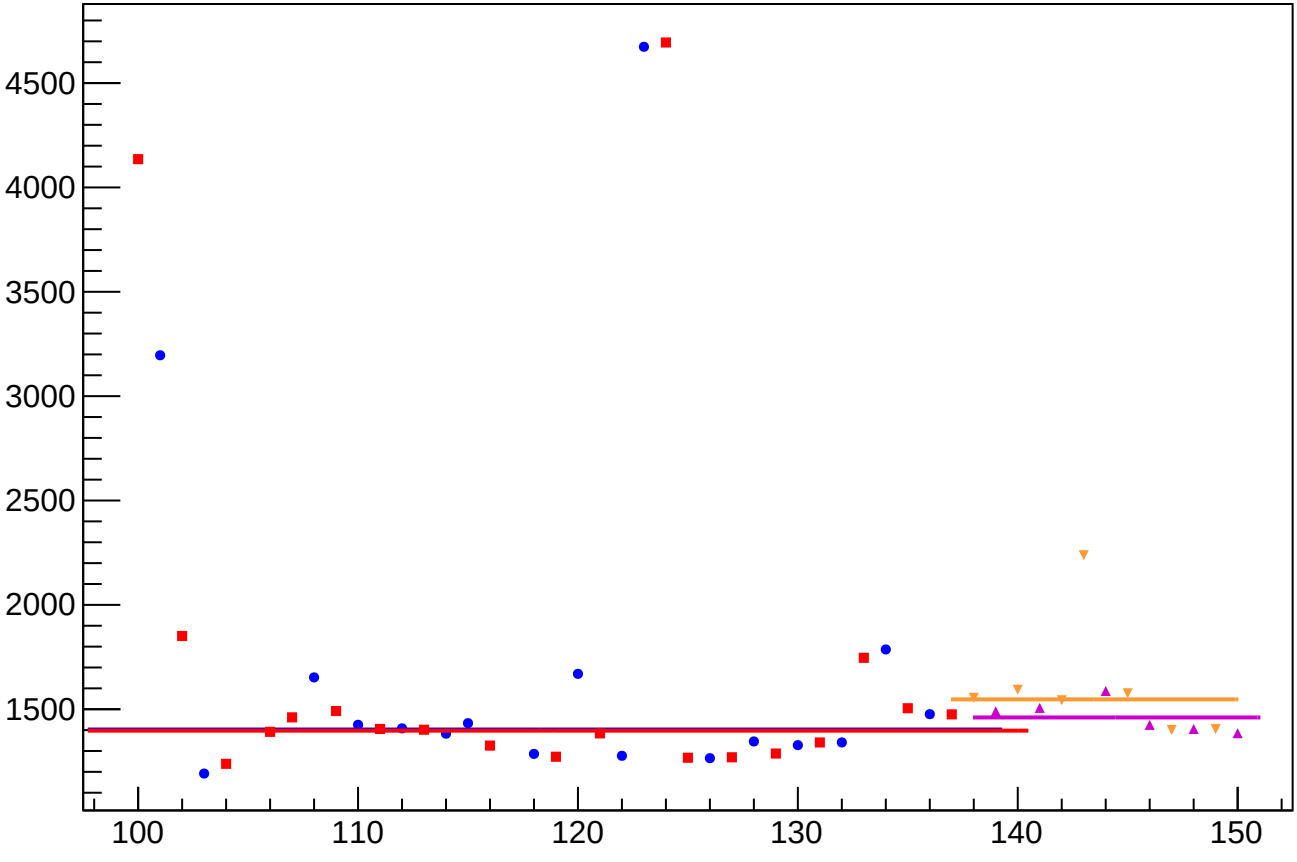
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -234.511+/-423.615 χ^2/NDF:14.6/22

Out: 103.112+/-428.184 χ^2/NDF:29.3/25

All: -67.511+/-301.144 χ^2/NDF: 44.2/48

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709+/-0.392 χ^2/NDF: 526326.4/16

Left Out: 1547.297+/-0.497 χ^2/NDF:161252.5/6

Right Out: 1397.442+/-0.382 χ^2/NDF: 353365.4/18

Left In: 1460.621+/-0.464 χ^2/NDF:21672.0/5

Left: 1501.010+/-0.339 χ^2/NDF: 199182.9/12

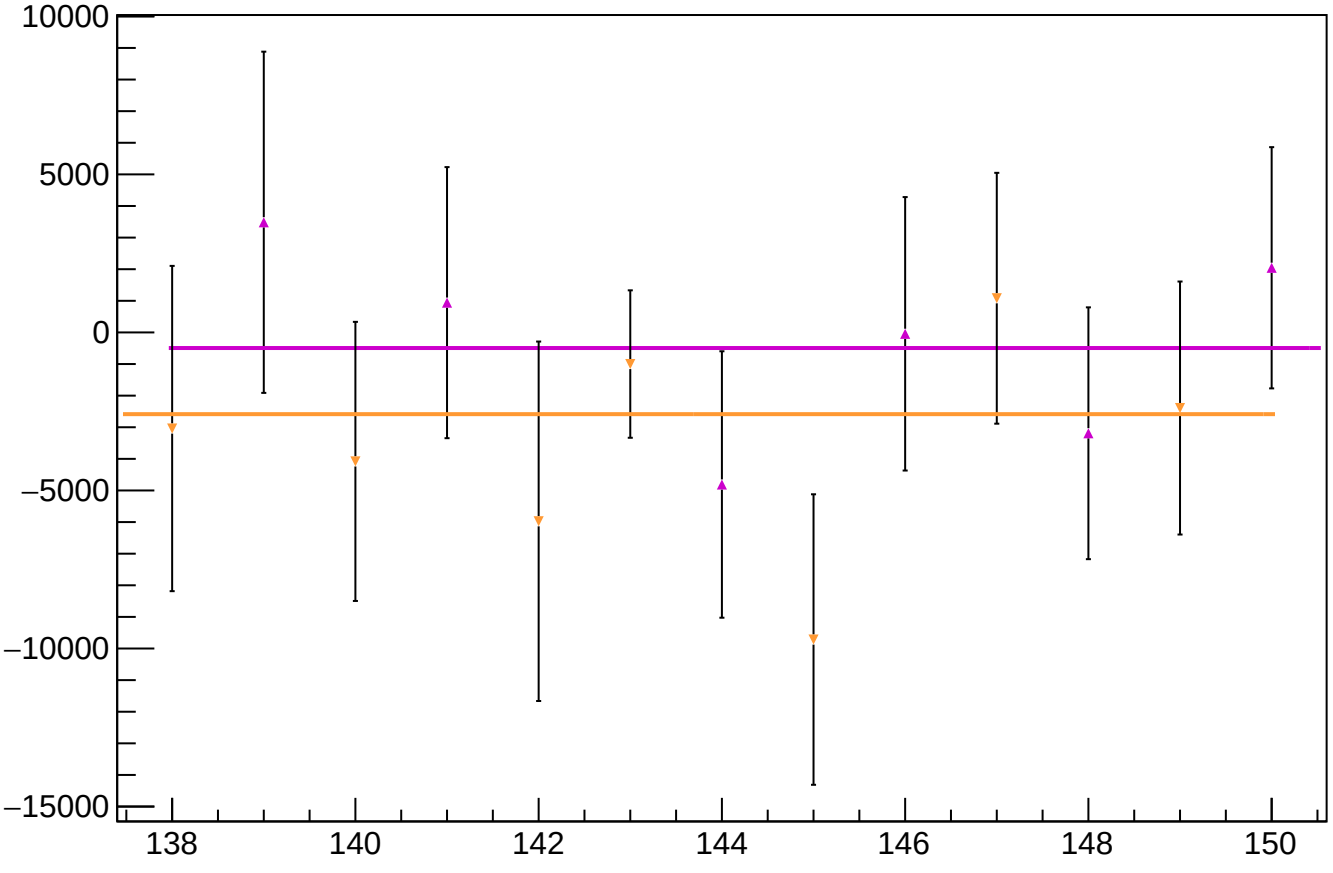
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1426.841+/-0.300 χ^2/NDF:557083.9/22

Out: 1453.072+/-0.303 χ^2/NDF:571839.1/25

All: 1439.820+/-0.213 χ^2/NDF: 1132717.7/48

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: -2585.671+/-1447.711 χ^2/NDF:4.2/6

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

Left In: -493.525+/-1740.386 χ^2/NDF:2.6/5

Left: -1730.057+/-1112.983 χ^2/NDF: 7.7/12

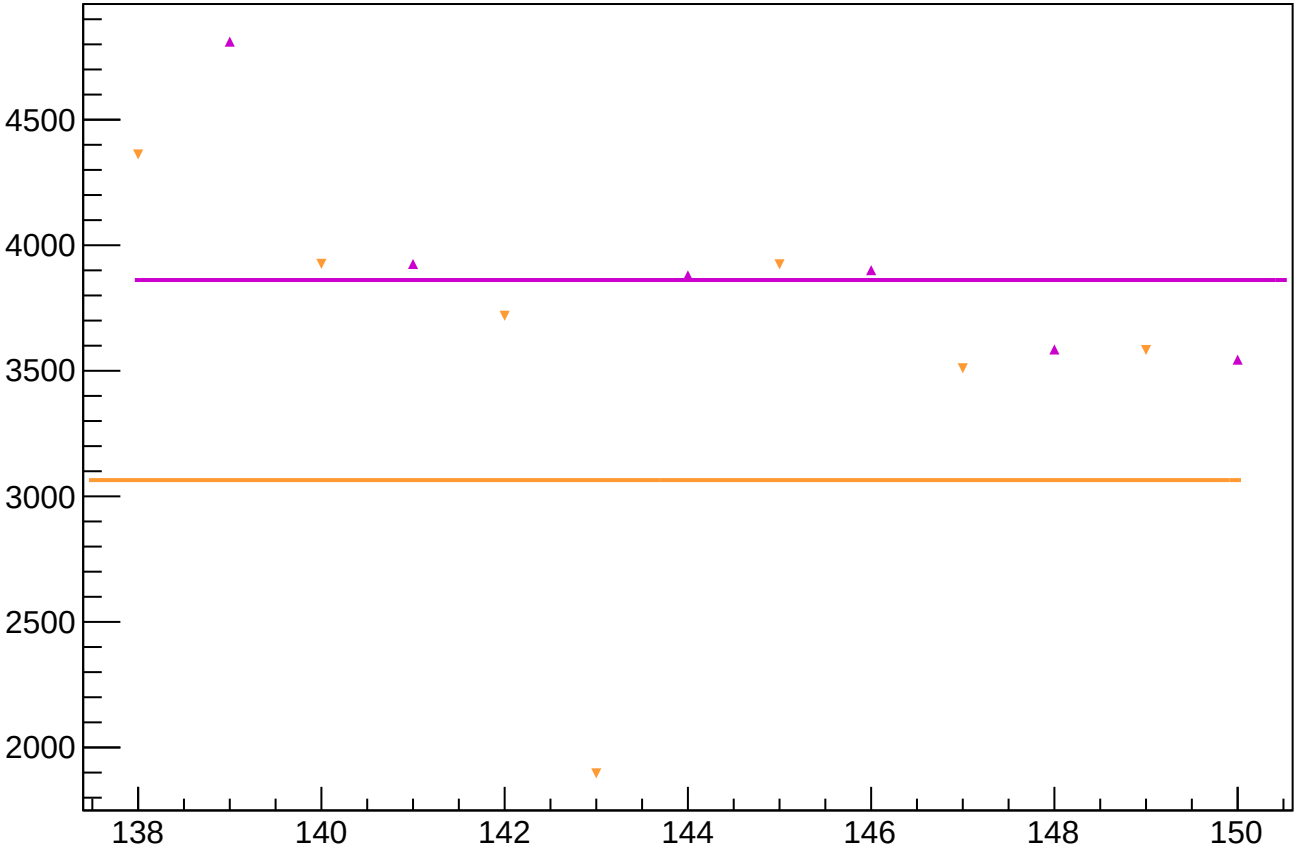
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -493.525+/-1740.386 χ^2/NDF:2.6/5

Out: -2585.671+/-1447.711 χ^2/NDF:4.2/6

All: -1730.057+/-1112.983 χ^2/NDF: 7.7/12

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: 3064.768+/-1.024 χ^2/NDF:859765.9/6

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

Left In: 3861.532+/-1.231 χ^2/NDF:85972.2/5

Left: 3390.616+/-0.787 χ^2/NDF: 1193486.4/12

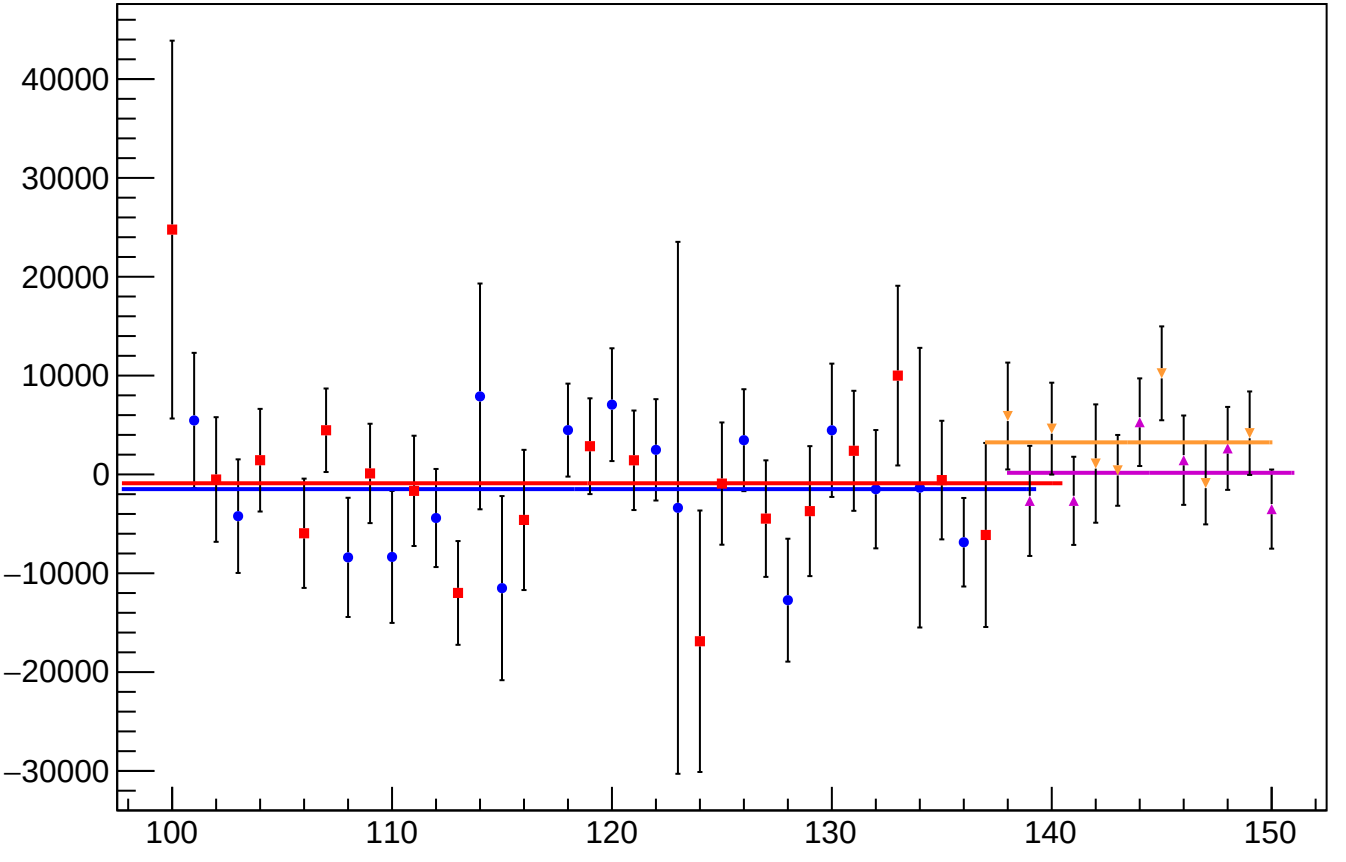
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3861.532+/-1.231 χ^2/NDF:85972.2/5

Out: 3064.768+/-1.024 χ^2/NDF:859765.9/6

All: 3390.616+/-0.787 χ^2/NDF: 1193486.4/12

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038+/-1499.116 χ^2/NDF: 16.7/16

Left Out: 3244.712+/-1704.851 χ^2/NDF:4.3/6

Right Out: -894.160+/-1378.910 χ^2/NDF: 14.1/18

Left In: 163.594+/-1821.246 χ^2/NDF:3.3/5

Left: 1805.749+/-1244.627 χ^2/NDF: 9.1/12

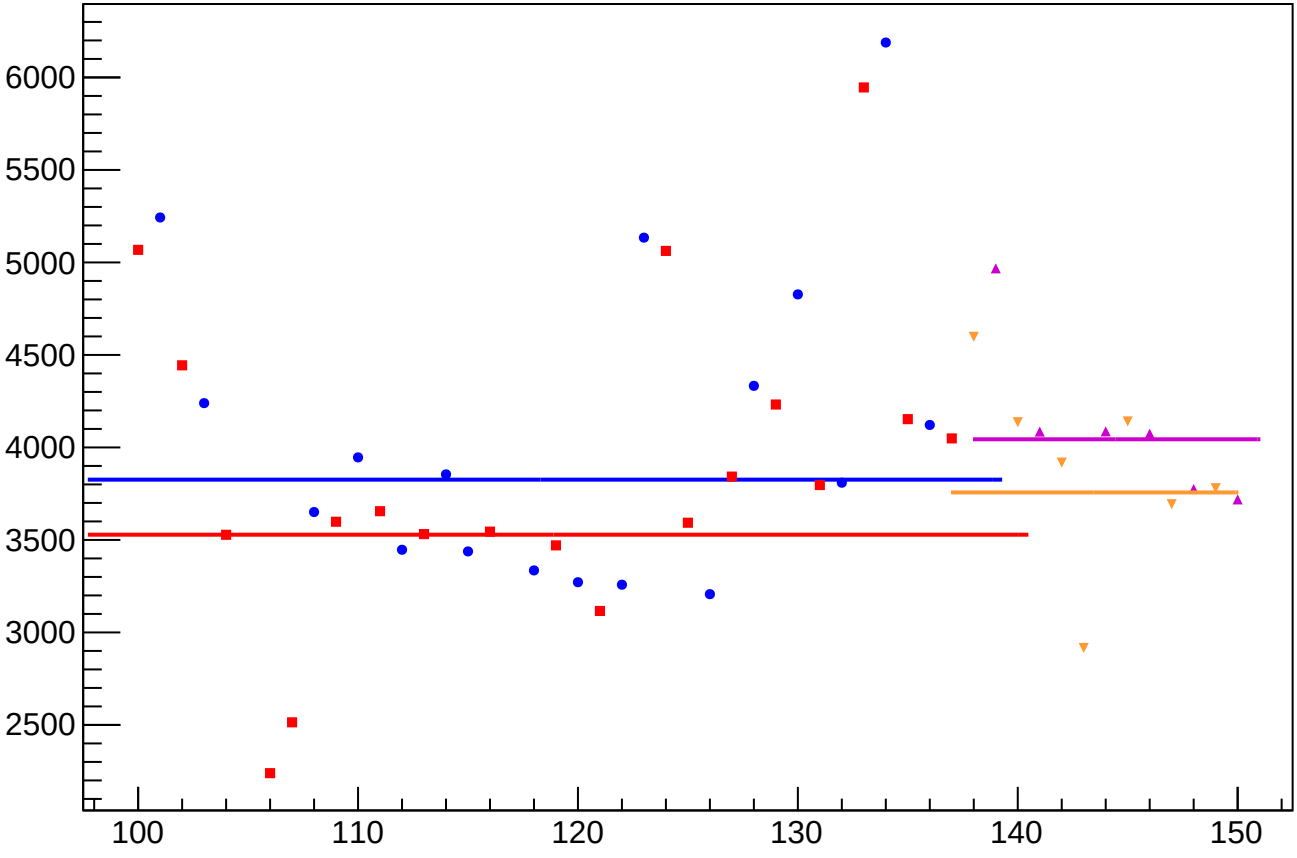
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -820.367+/-1157.442 χ^2/NDF:20.4/22

Out: 742.647+/-1072.122 χ^2/NDF:22.0/25

All: 20.865+/-786.540 χ^2/NDF: 43.4/48

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: 3756.753+/-1.206 χ^2/NDF:186953.7/6

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

Left In: 4044.072+/-1.288 χ^2/NDF:76828.7/5

Left: 3890.939+/-0.880 χ^2/NDF: 290311.8/12

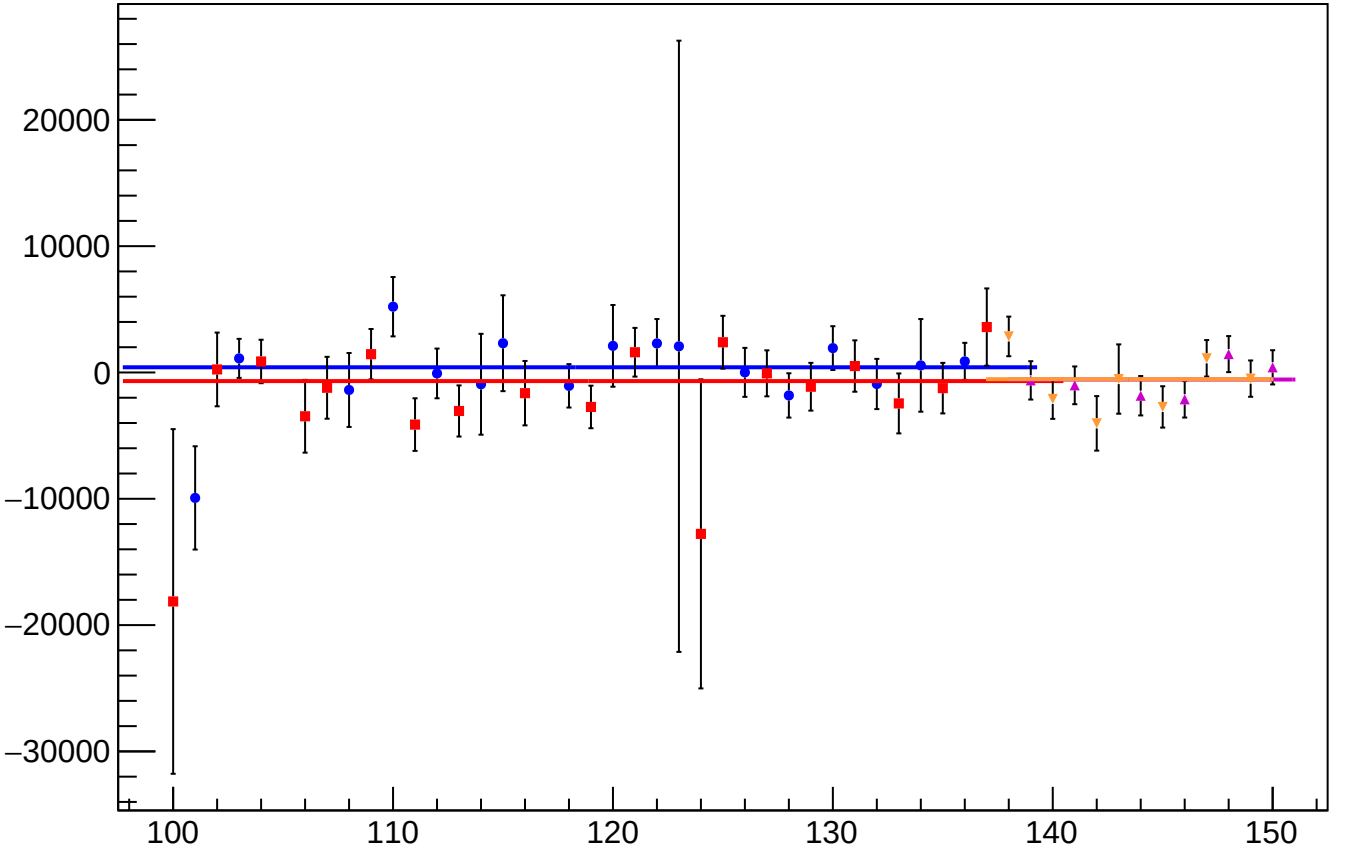
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 3913.981+/-0.818 χ^2/NDF:428351.0/22

Out: 3617.645+/-0.754 χ^2/NDF:764236.8/25

All: 3753.676+/-0.555 χ^2/NDF: 1263509.2/48

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -533.277+/-633.313 χ^2/NDF:11.4/6

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

Left In: -558.885+/-596.693 χ^2/NDF:4.4/5

Left: -546.843+/-434.295 χ^2/NDF: 15.8/12

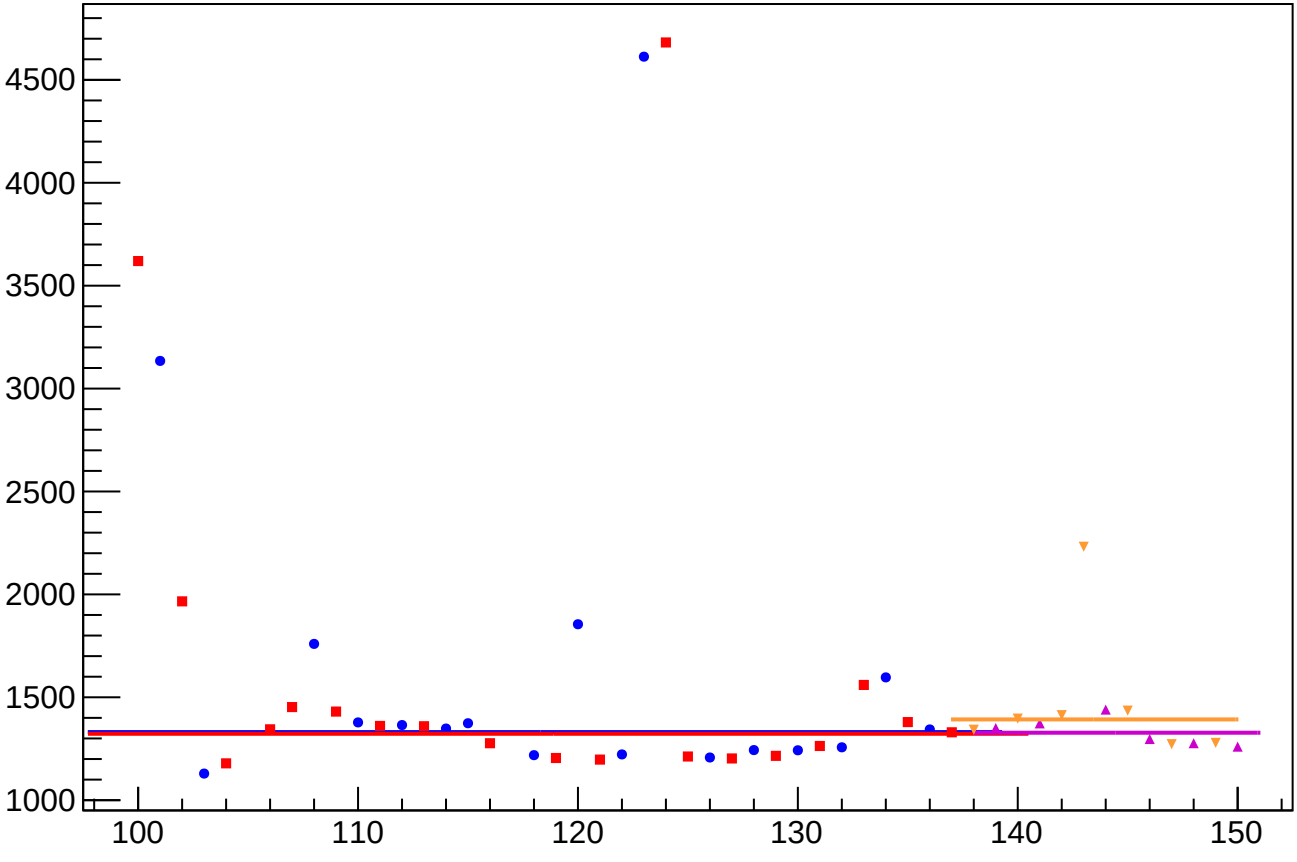
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: -14.672+/-395.410 χ^2/NDF:22.5/22

Out: -623.574+/-397.309 χ^2/NDF:29.5/25

All: -317.665+/-280.266 χ^2/NDF: 53.1/48

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: 1392.507+/-0.448 χ^2/NDF:216981.6/6

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

Left In: 1327.858+/-0.422 χ^2/NDF:21111.6/5

Left: 1358.259+/-0.307 χ^2/NDF: 249133.7/12

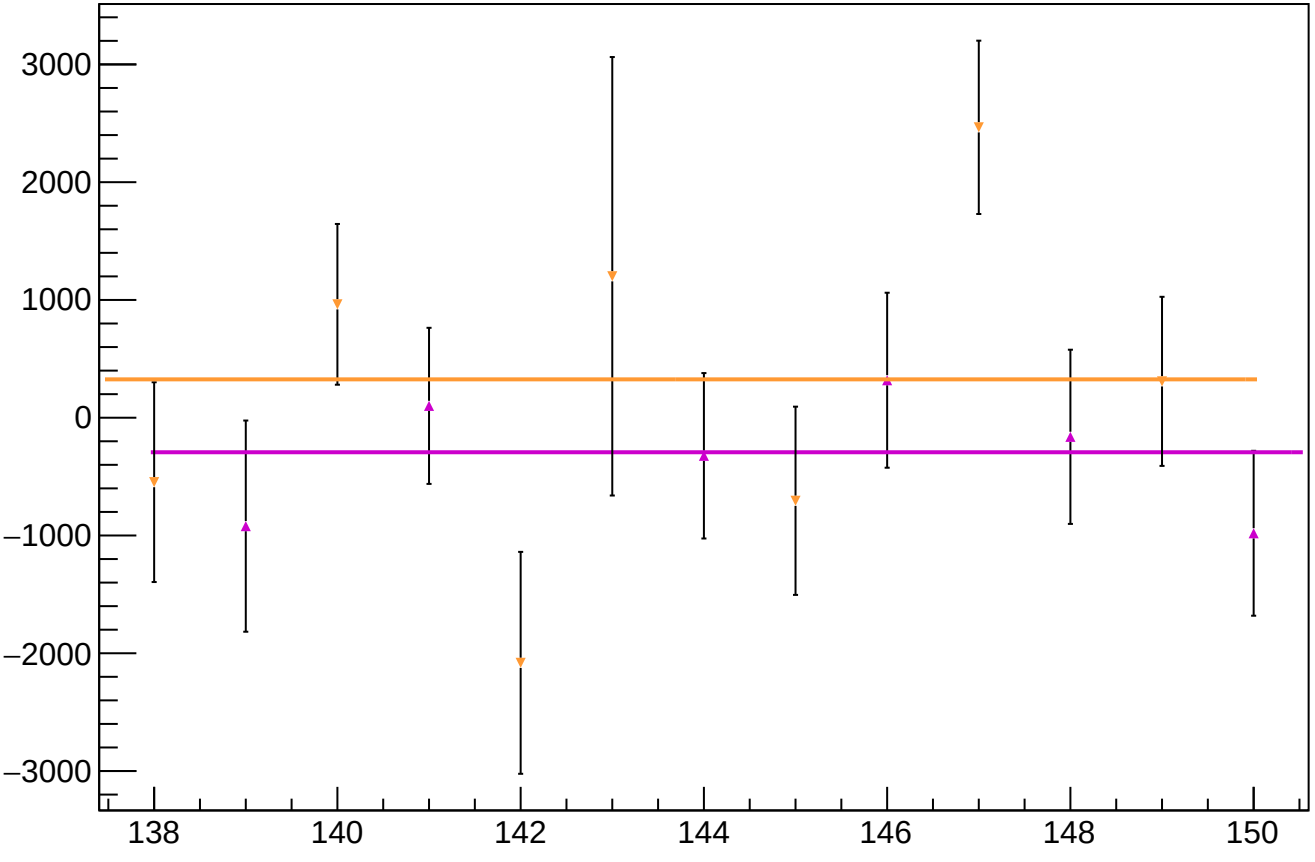
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1329.558+/-0.280 χ^2/NDF:624615.0/22

Out: 1350.177+/-0.281 χ^2/NDF:626128.7/25

All: 1339.818+/-0.198 χ^2/NDF: 1253449.9/48

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: 325.773+/-311.517 χ^2/NDF:18.8/6

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

Left In: -293.199+/-298.426 χ^2/NDF:2.5/5

Left: 3.008+/-215.499 χ^2/NDF: 23.4/12

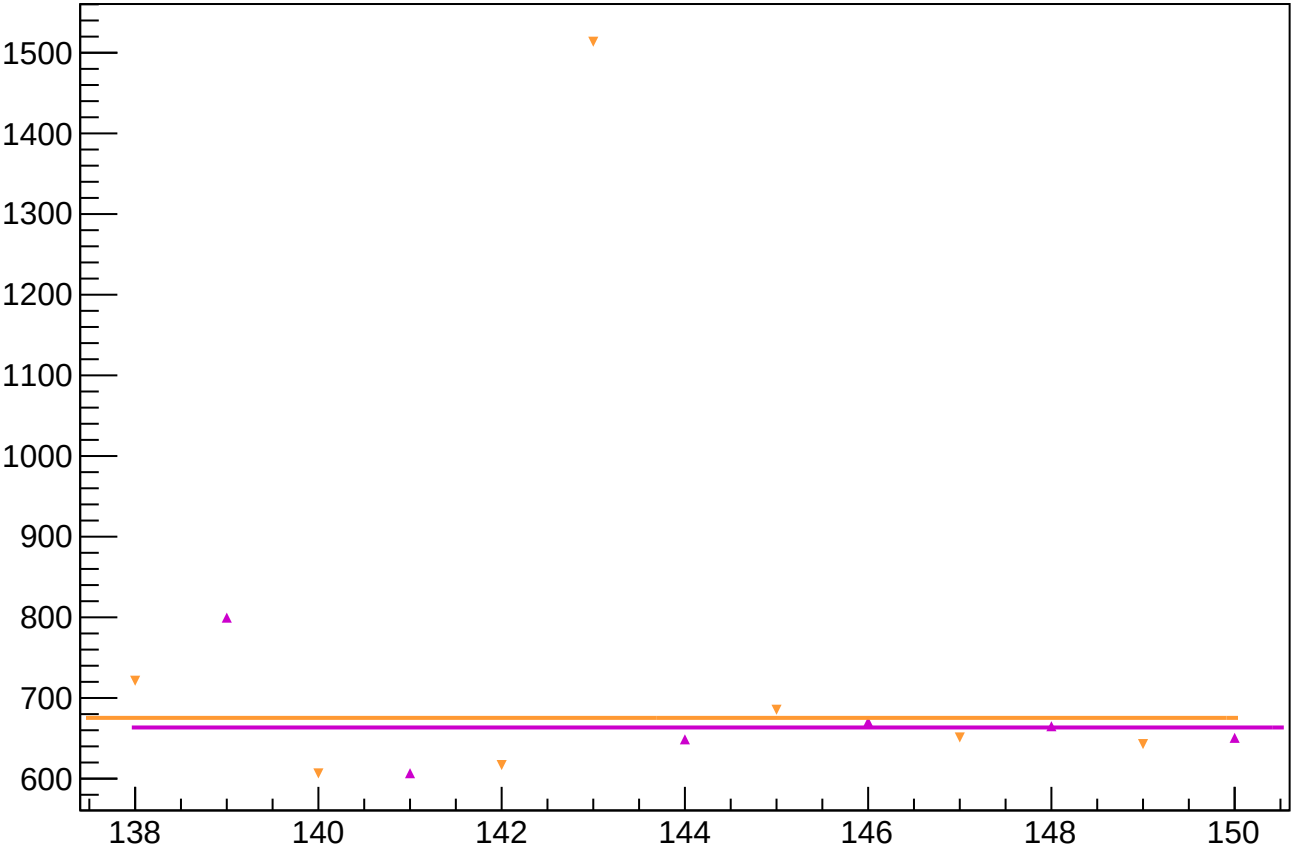
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -293.199+/-298.426 χ^2/NDF:2.5/5

Out: 325.773+/-311.517 χ^2/NDF:18.8/6

All: 3.008+/-215.499 χ^2/NDF: 23.4/12

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: 675.347+/-0.220 χ^2/NDF:446127.8/6

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

Left In: 663.432+/-0.211 χ^2/NDF:62520.2/5

Left: 669.134+/-0.152 χ^2/NDF: 510173.5/12

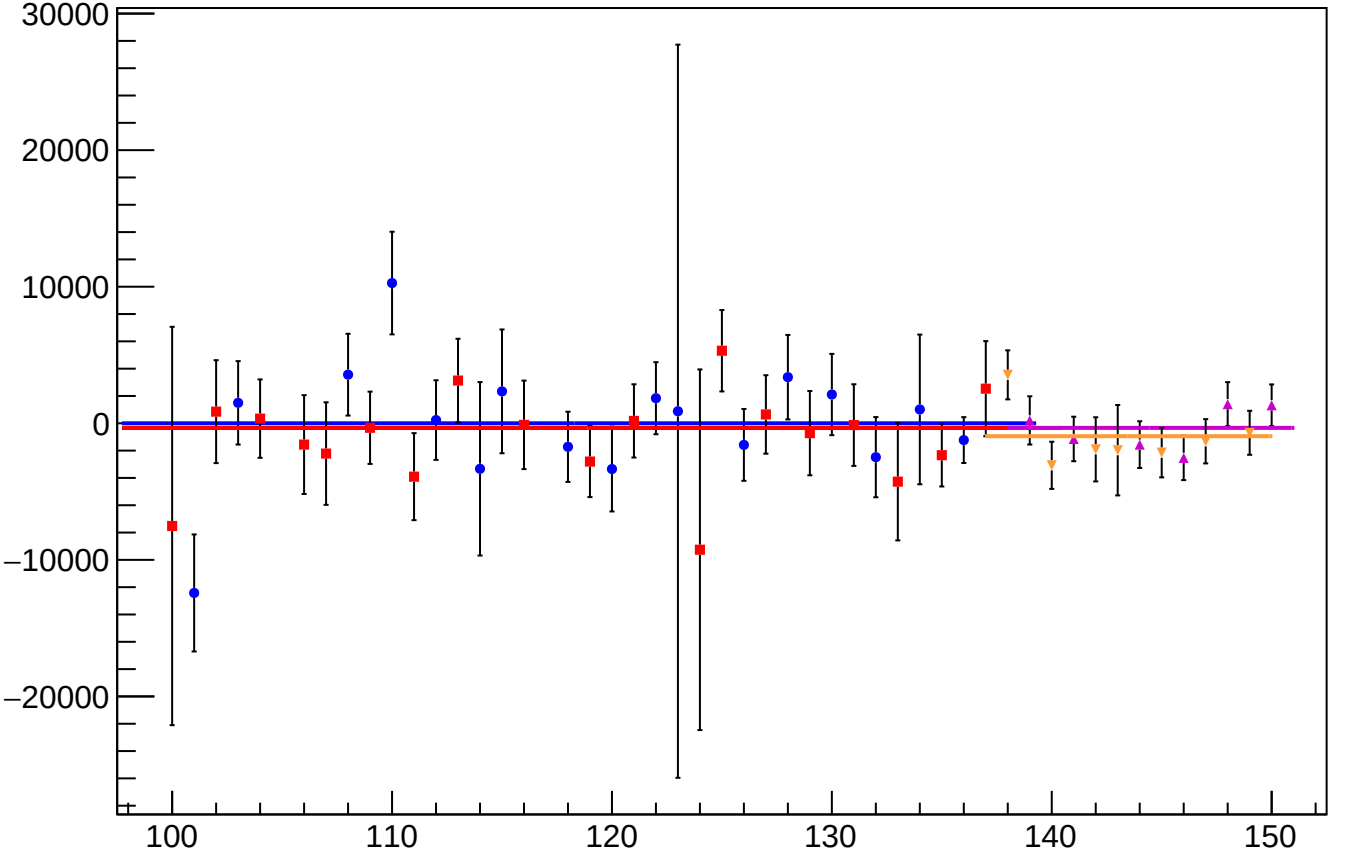
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 663.432+/-0.211 χ^2/NDF:62520.2/5

Out: 675.347+/-0.220 χ^2/NDF:446127.8/6

All: 669.134+/-0.152 χ^2/NDF: 510173.5/12

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: -945.251+/-709.130 χ^2/NDF:8.6/6

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

Left In: -335.769+/-669.631 χ^2/NDF:5.0/5

Left: -623.064+/-486.866 χ^2/NDF: 14.0/12

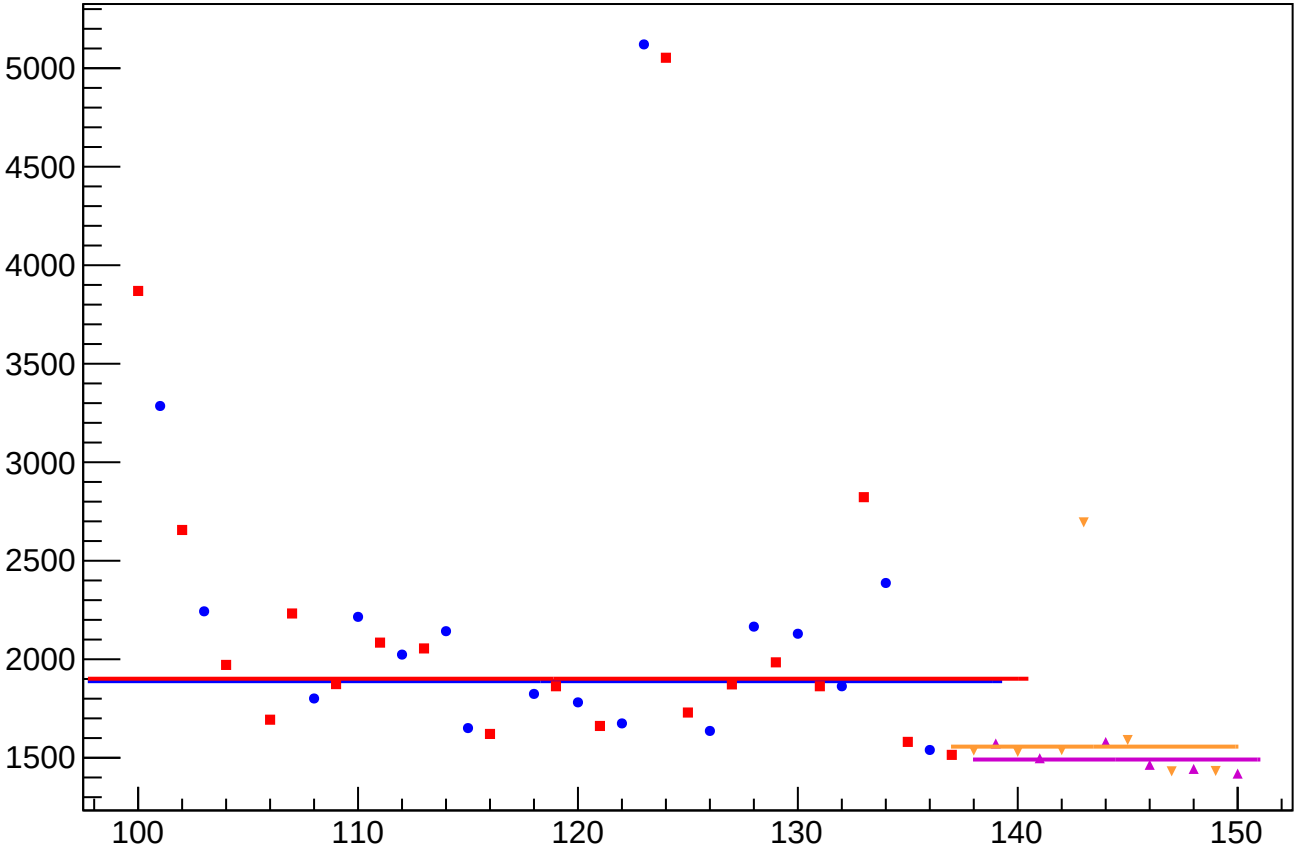
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -186.722+/-498.040 χ^2/NDF:28.6/22

Out: -655.425+/-509.903 χ^2/NDF:19.6/25

All: -415.557+/-356.288 χ^2/NDF: 48.7/48

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: 1556.639+/-0.501 χ^2/NDF:261603.7/6

Right Out: 1901.248+/-0.519 χ^2/NDF: 461424.3/18

Left In: 1491.128+/-0.474 χ^2/NDF:16350.4/5

Left: 1522.008+/-0.344 χ^2/NDF: 286977.1/12

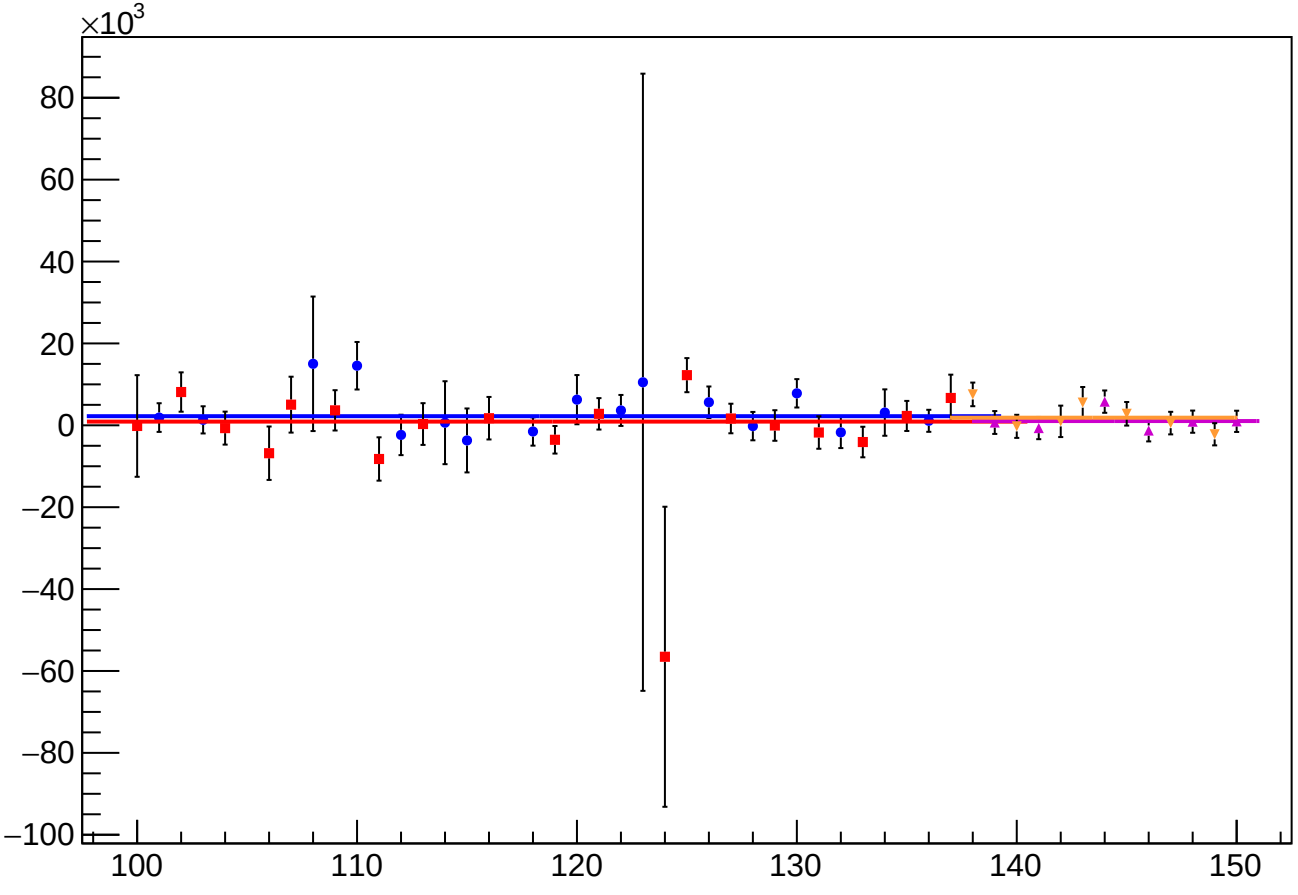
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1668.826+/-0.352 χ^2/NDF:797387.8/22

Out: 1723.074+/-0.361 χ^2/NDF:951140.6/25

All: 1695.312+/-0.252 χ^2/NDF: 1760113.3/48

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517+/-1039.288 χ^2/NDF: 13.6/16

Left Out: 1858.969+/-1138.783 χ^2/NDF:8.0/6

Right Out: 907.837+/-1046.878 χ^2/NDF: 22.9/18

Left In: 1040.261+/-1100.635 χ^2/NDF:4.2/5

Left: 1435.672+/-791.409 χ^2/NDF: 12.5/12

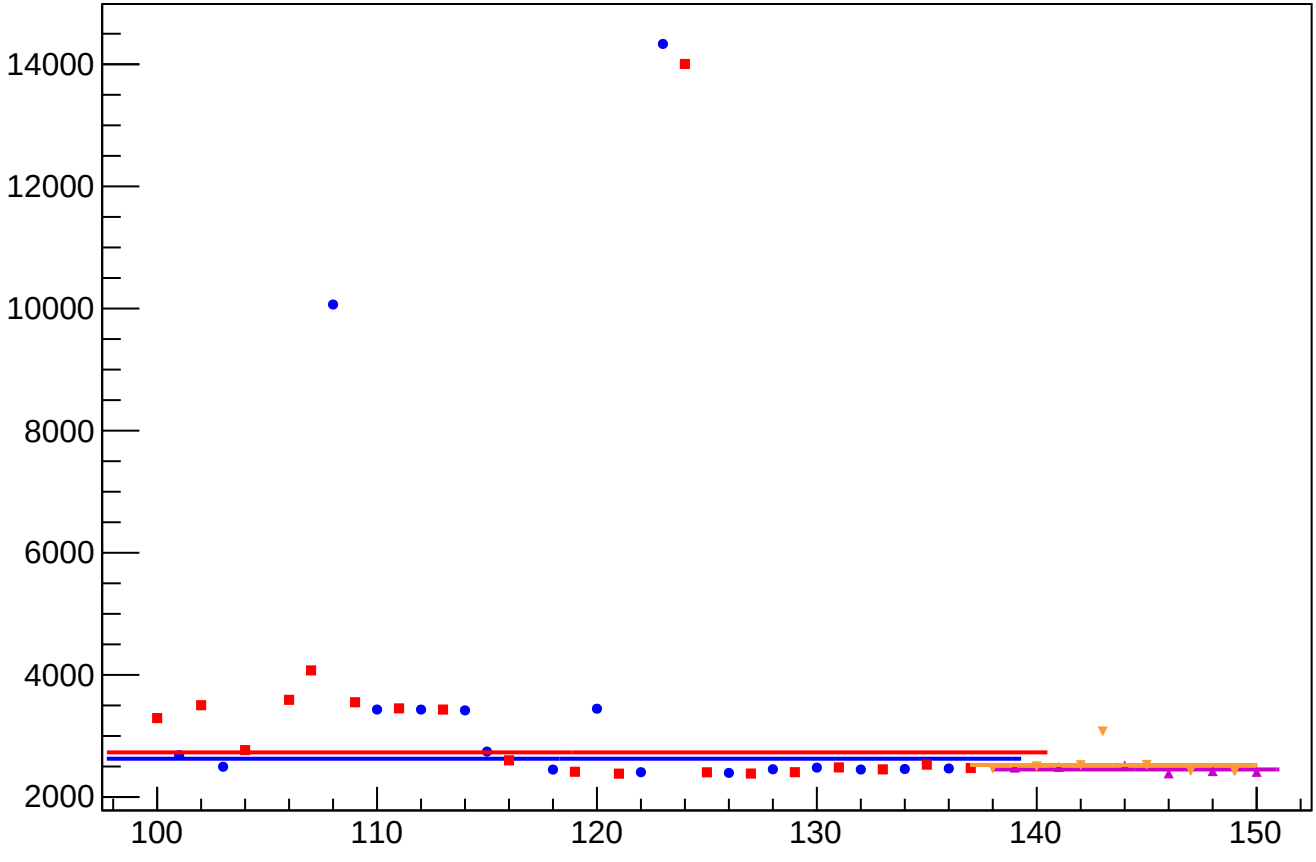
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1667.897+/-755.645 χ^2/NDF:18.4/22

Out: 1343.479+/-770.701 χ^2/NDF:31.3/25

All: 1508.888+/-539.566 χ^2/NDF: 49.8/48

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2524.710+/-0.805 χ^2/NDF:48155.6/6

Right Out: 2731.271+/-0.740 χ^2/NDF: 598207.5/18

Left In: 2451.850+/-0.778 χ^2/NDF:3672.0/5

Left: 2487.039+/-0.560 χ^2/NDF: 56060.5/12

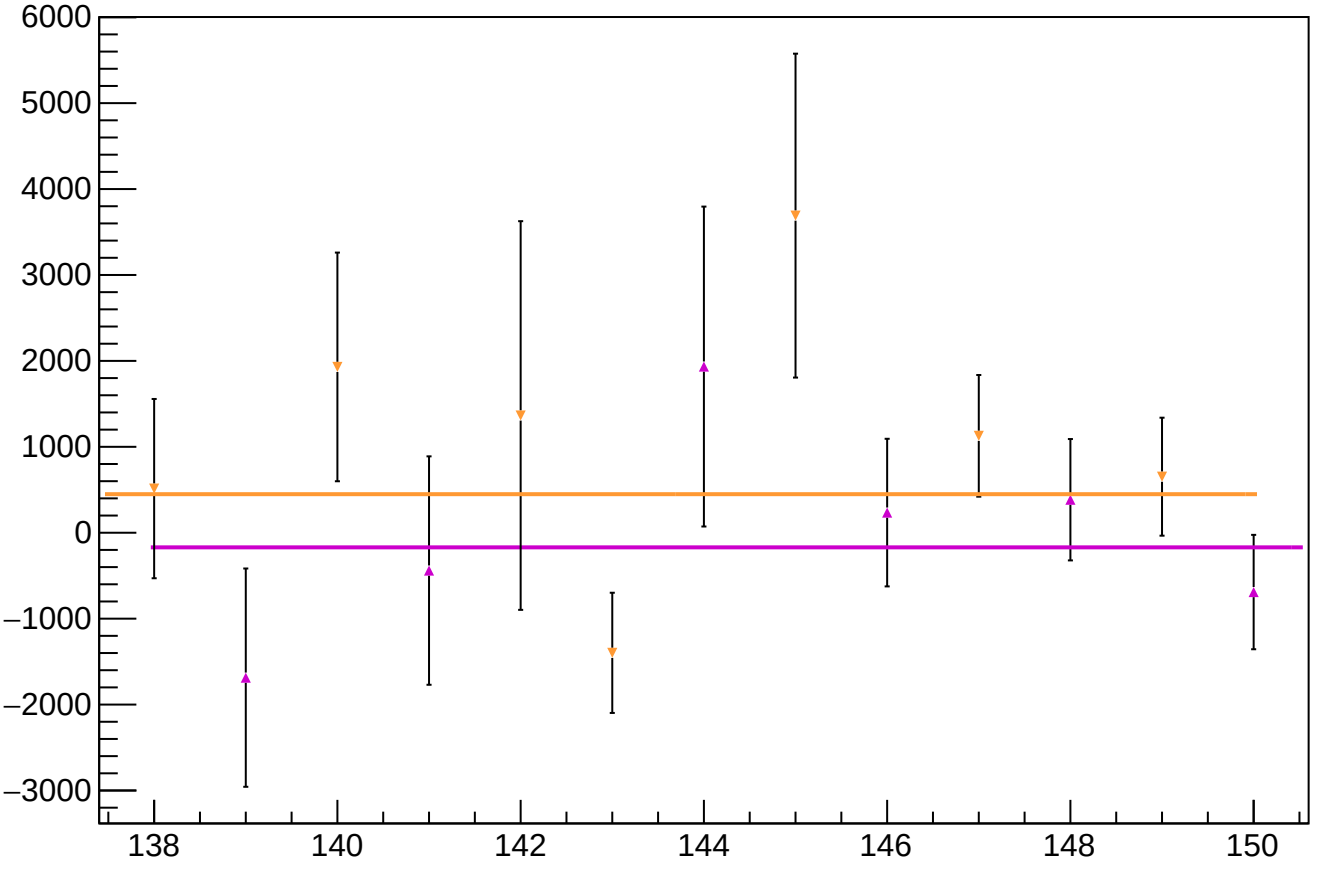
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2544.743+/-0.534 χ^2/NDF:675018.1/22

Out: 2636.661+/-0.545 χ^2/NDF:682026.7/25

All: 2589.795+/-0.382 χ^2/NDF: 1371549.4/48

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 448.781+/-350.920 χ^2/NDF:12.3/6

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

Left In: -170.097+/-375.530 χ^2/NDF:4.2/5

Left: 160.283+/-256.397 χ^2/NDF: 18.0/12

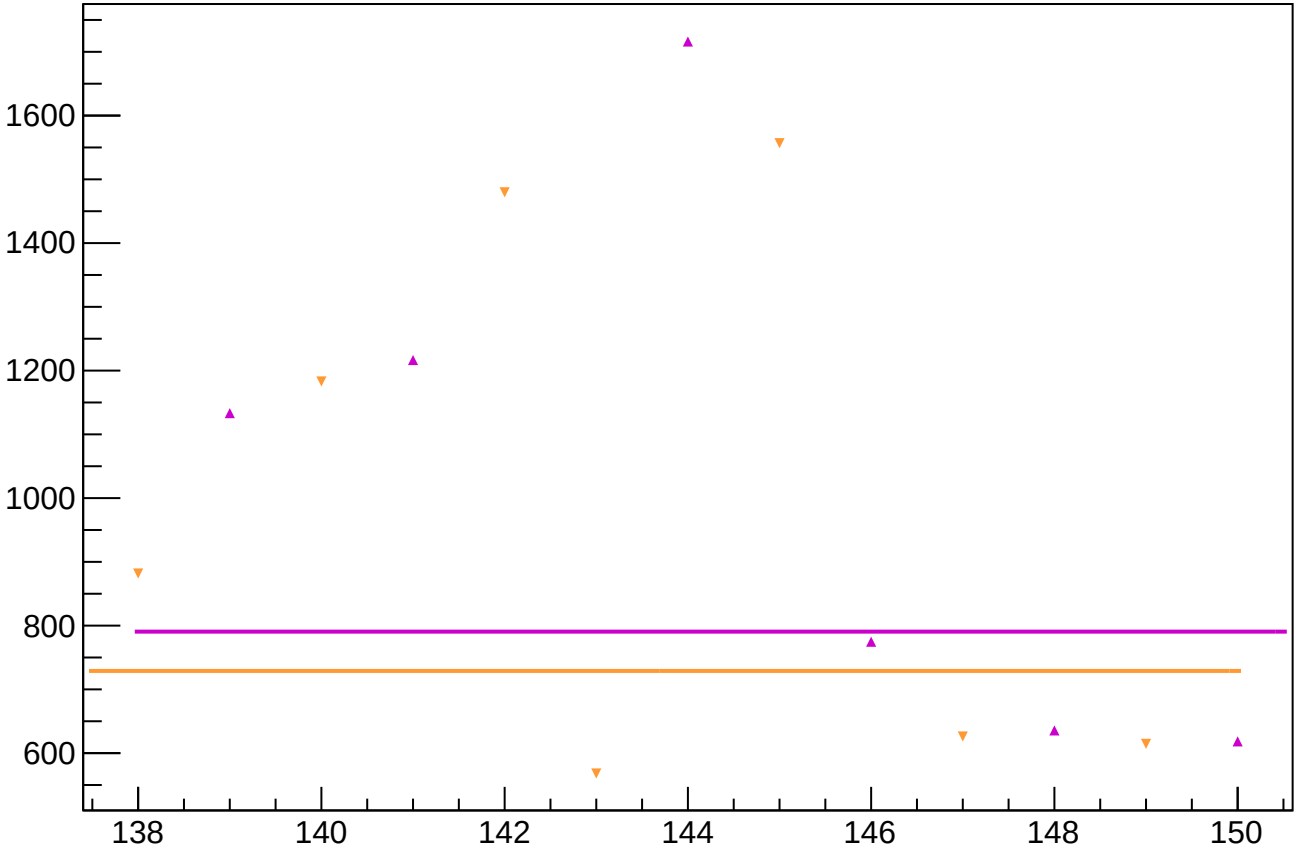
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -170.097+/-375.530 χ^2/NDF:4.2/5

Out: 448.781+/-350.920 χ^2/NDF:12.3/6

All: 160.283+/-256.397 χ^2/NDF: 18.0/12

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 728.943+/-0.248 χ^2/NDF:1085228.0/6

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

Left In: 790.569+/-0.266 χ^2/NDF:1076113.9/5

Left: 757.671+/-0.181 χ^2/NDF: 2190094.1/12

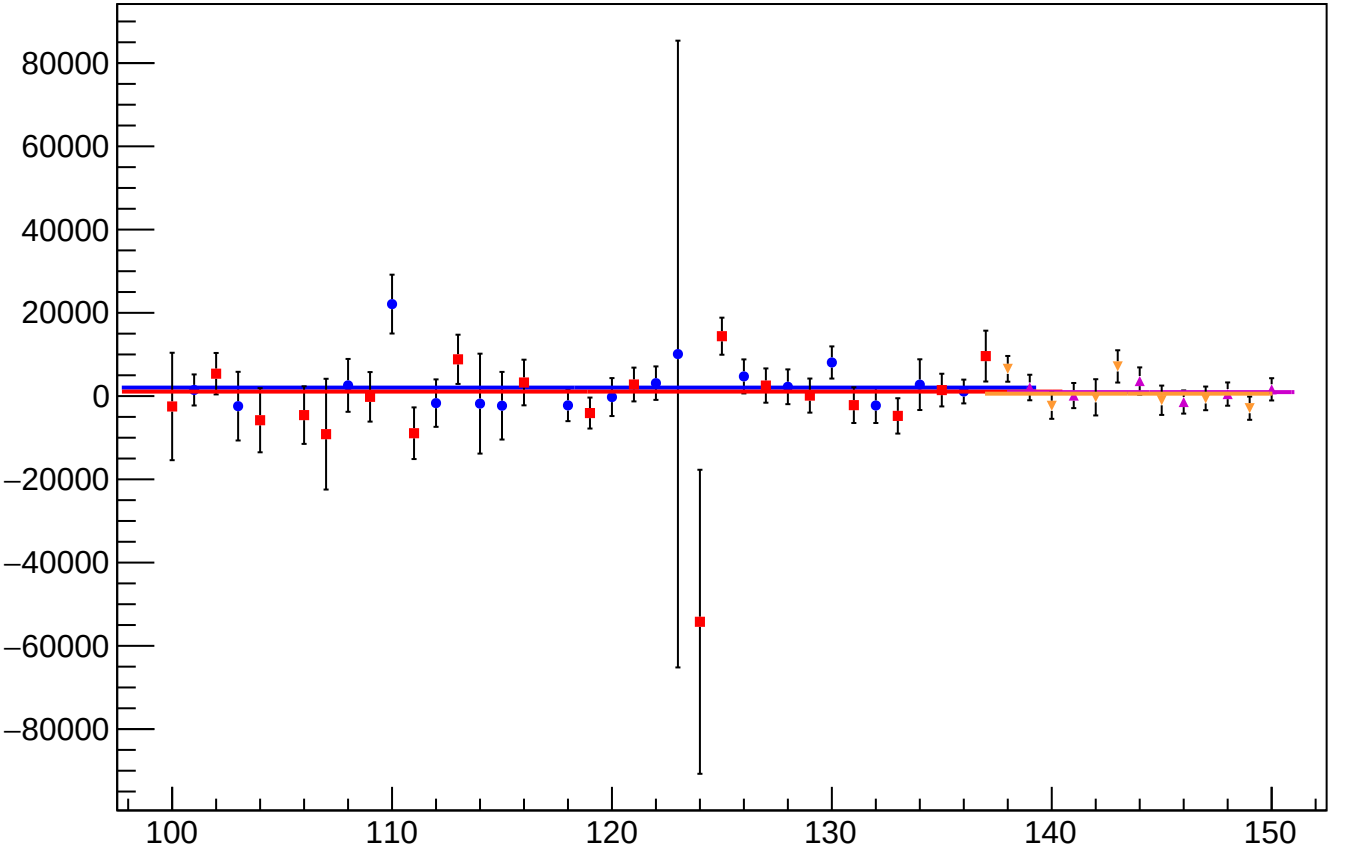
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 790.569+/-0.266 χ^2/NDF:1076113.9/5

Out: 728.943+/-0.248 χ^2/NDF:1085228.0/6

All: 757.671+/-0.181 χ^2/NDF: 2190094.1/12

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 582.122+/-1232.522 χ^2/NDF:9.4/6

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

Left In: 954.486+/-1190.190 χ^2/NDF:1.7/5

Left: 774.808+/-856.166 χ^2/NDF: 11.1/12

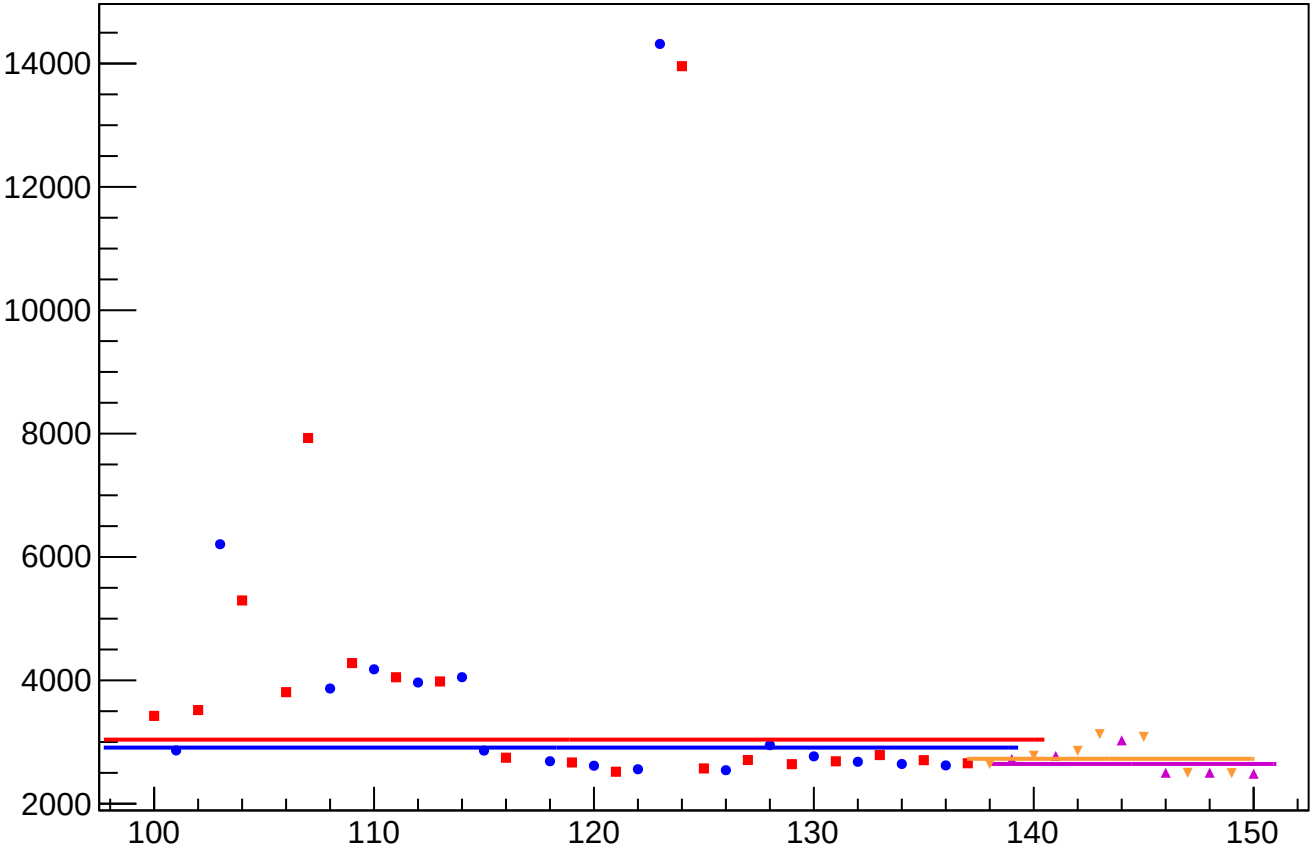
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1514.076+/-827.543 χ^2/NDF:17.0/22

Out: 840.560+/-854.851 χ^2/NDF:34.8/25

All: 1188.248+/-594.581 χ^2/NDF: 52.1/48

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2728.252+/-0.872 χ^2/NDF:72119.6/6

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2644.466+/-0.842 χ^2/NDF:49632.5/5

Left: 2684.895+/-0.605 χ^2/NDF: 126534.7/12

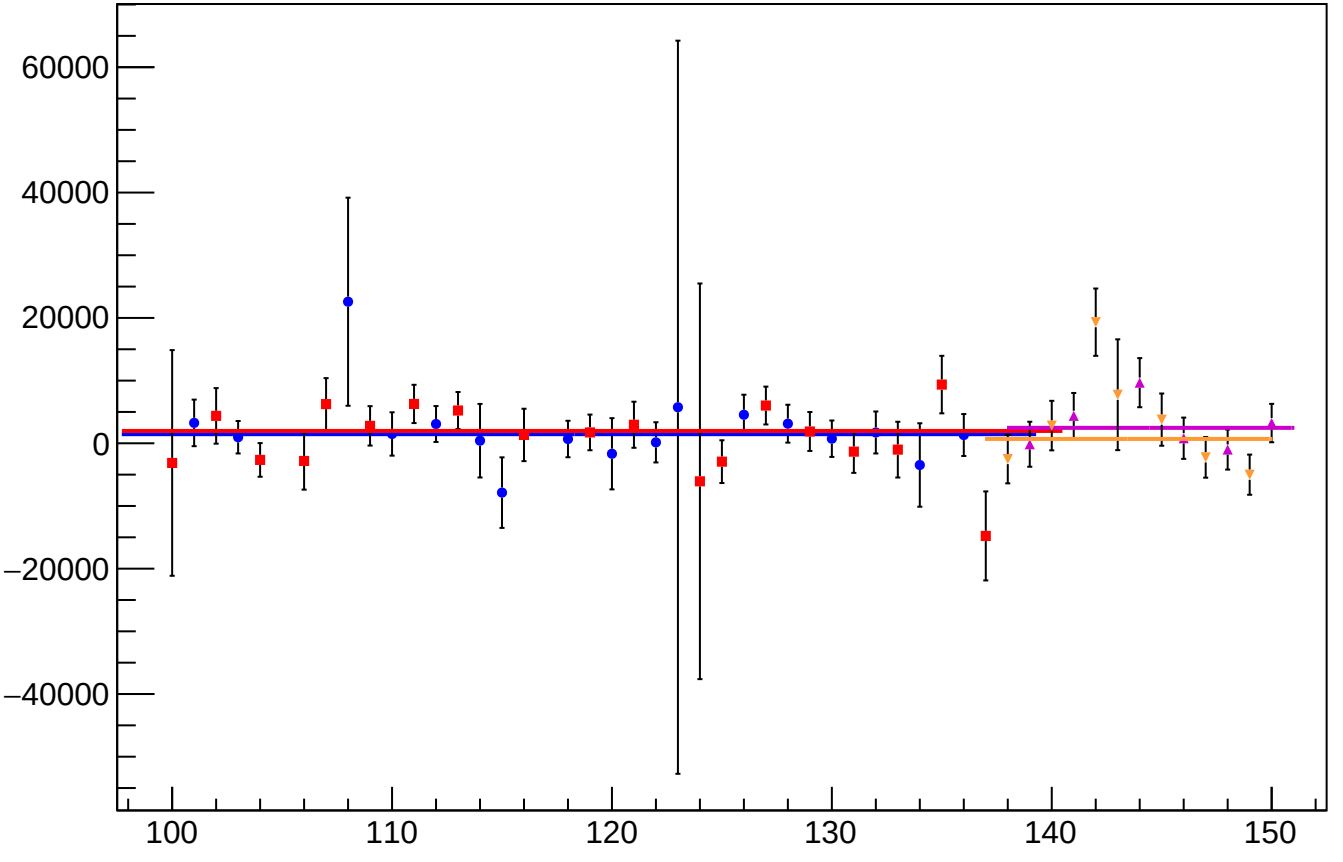
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2781.490+/-0.585 χ^2/NDF:742846.1/22

Out: 2889.575+/-0.604 χ^2/NDF:1149451.6/25

All: 2833.779+/-0.420 χ^2/NDF: 1908802.9/48

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 694.986+/-1527.724 χ^2/NDF:18.2/6

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 2464.455+/-1393.858 χ^2/NDF:5.7/5

Left: 1660.627+/-1029.686 χ^2/NDF: 24.6/12

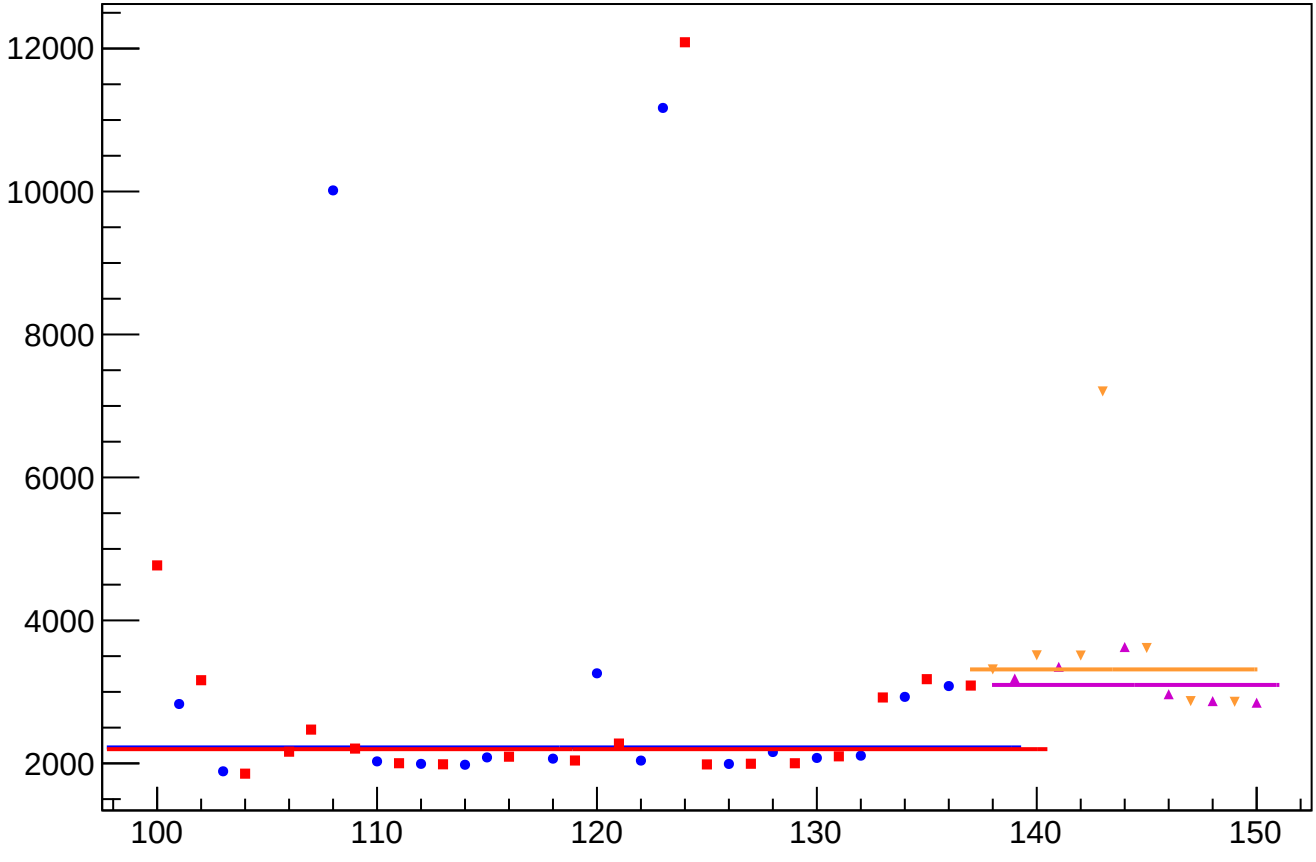
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 1744.751+/-749.533 χ^2/NDF:13.4/22

Out: 1667.714+/-743.100 χ^2/NDF:41.1/25

All: 1705.901+/-527.711 χ^2/NDF: 54.6/48

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3314.508+/-1.080 χ^2/NDF:482284.9/6

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3097.311+/-0.986 χ^2/NDF:73784.8/5

Left: 3195.979+/-0.728 χ^2/NDF: 578130.5/12

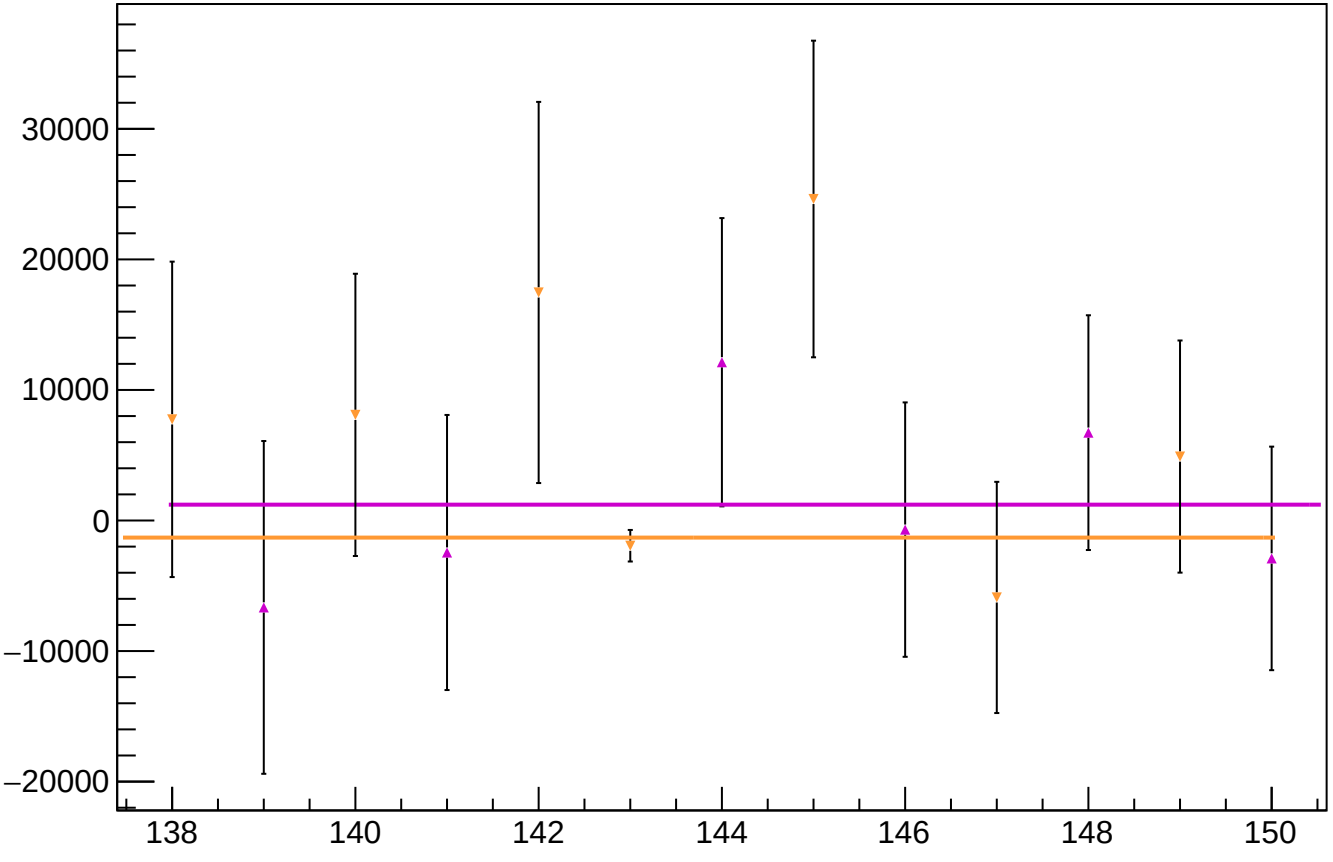
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2475.913+/-0.530 χ^2/NDF:1483269.7/22

Out: 2462.448+/-0.525 χ^2/NDF:1899364.1/25

All: 2469.118+/-0.373 χ^2/NDF: 3382959.5/48

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1308.533+/-1164.979 χ^2/NDF:8.6/6

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

Left In: 1213.583+/-4085.395 χ^2/NDF:2.1/5

Left: -1118.871+/-1120.320 χ^2/NDF: 11.0/12

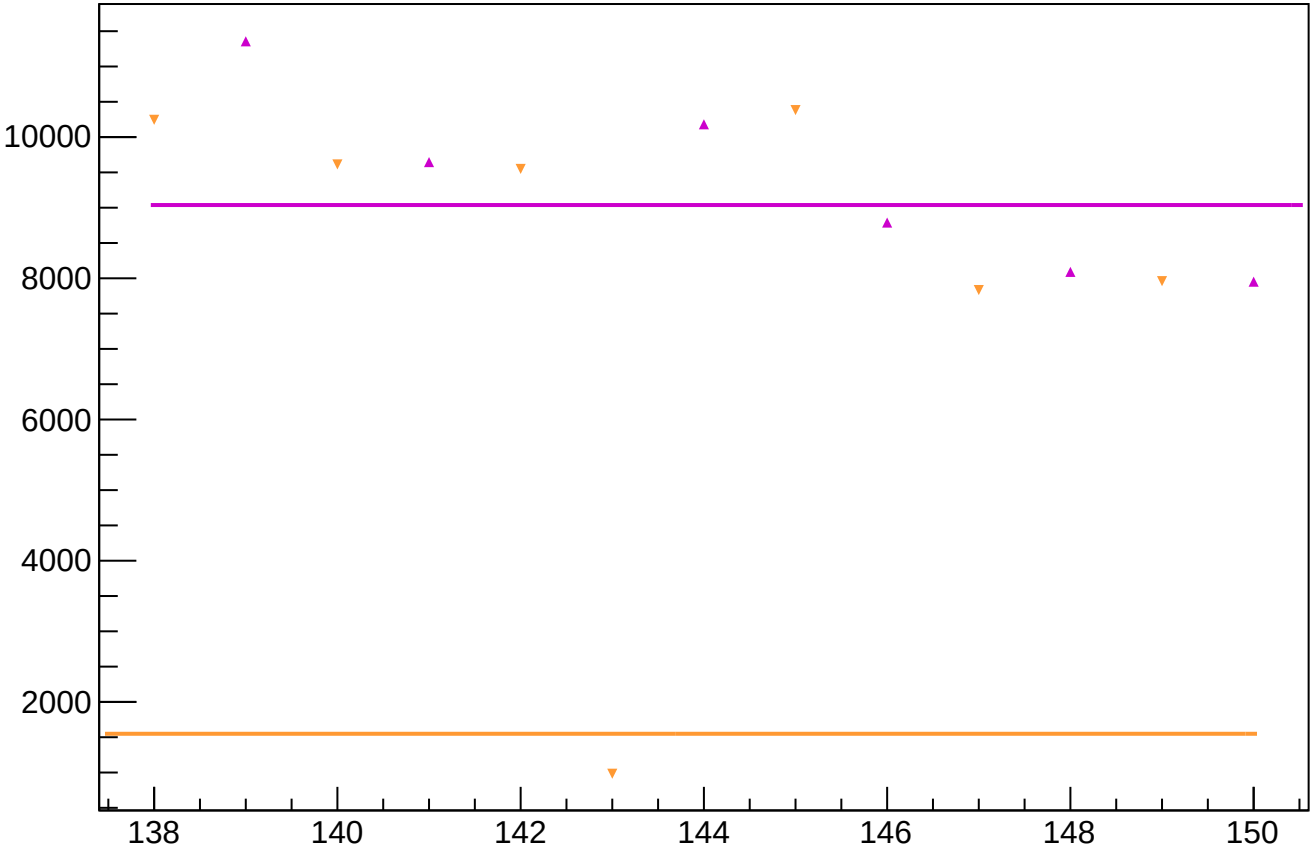
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1213.583+/-4085.395 χ^2/NDF:2.1/5

Out: -1308.533+/-1164.979 χ^2/NDF:8.6/6

All: -1118.871+/-1120.320 χ^2/NDF: 11.0/12

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1548.851+/-0.824 χ^2/NDF:6297135.7/6

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

Left In: 9037.816+/-2.889 χ^2/NDF:149957.6/5

Left: 2112.019+/-0.792 χ^2/NDF: 12662267.9/12

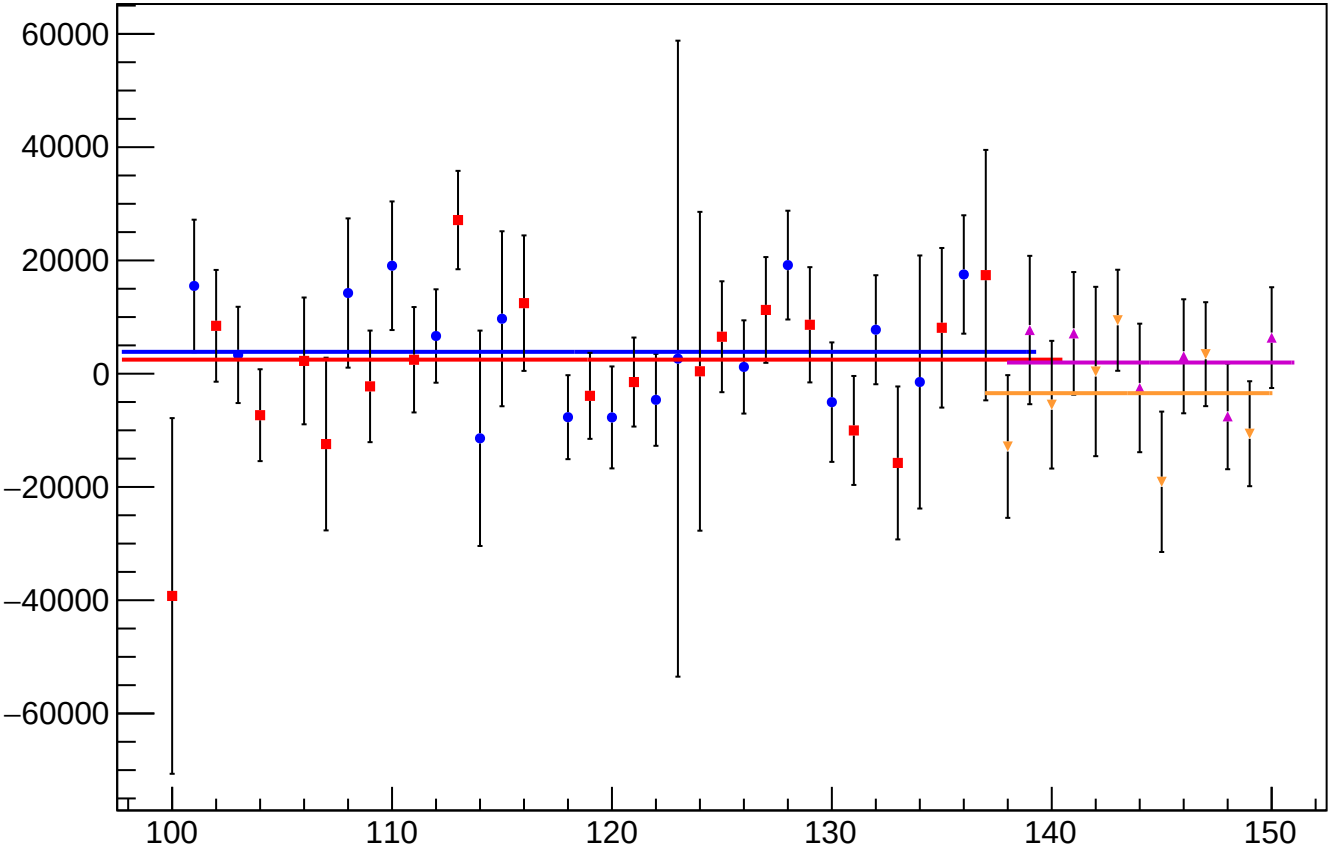
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9037.816+/-2.889 χ^2/NDF:149957.6/5

Out: 1548.851+/-0.824 χ^2/NDF:6297135.7/6

All: 2112.019+/-0.792 χ^2/NDF: 12662267.9/1

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: -3438.348+/-4041.377 χ^2/NDF:5.5/6

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 1971.767+/-4222.561 χ^2/NDF:1.9/5

Left: -851.849+/-2919.637 χ^2/NDF: 8.2/12

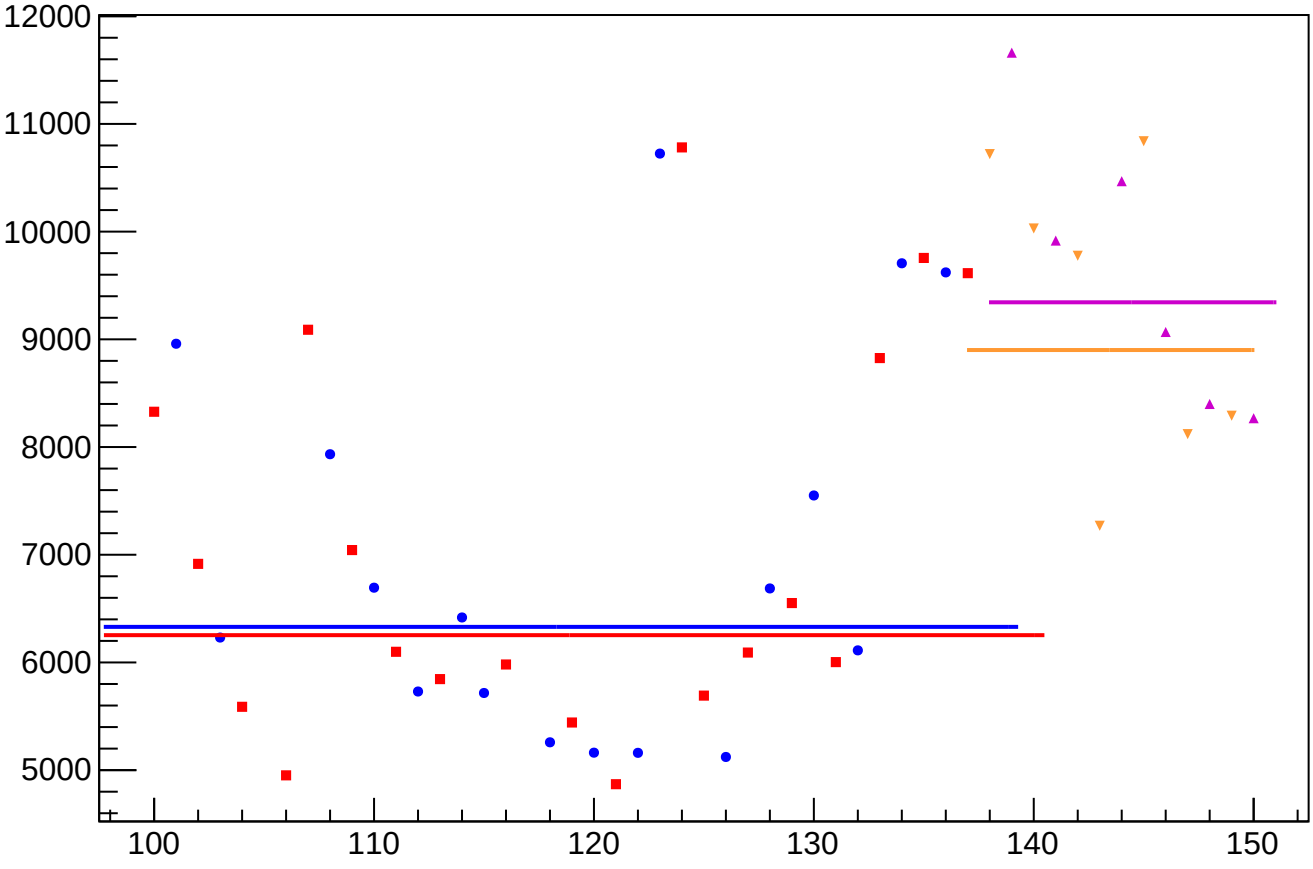
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3367.258+/-2156.821 χ^2/NDF:16.8/22

Out: 918.872+/-2077.053 χ^2/NDF:27.1/25

All: 2096.952+/-1496.104 χ^2/NDF: 44.6/48

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 8900.634+/-2.858 χ^2/NDF:207508.8/6

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

Left In: 9343.748+/-2.986 χ^2/NDF:139035.7/5

Left: 9112.481+/-2.064 χ^2/NDF: 358039.5/12

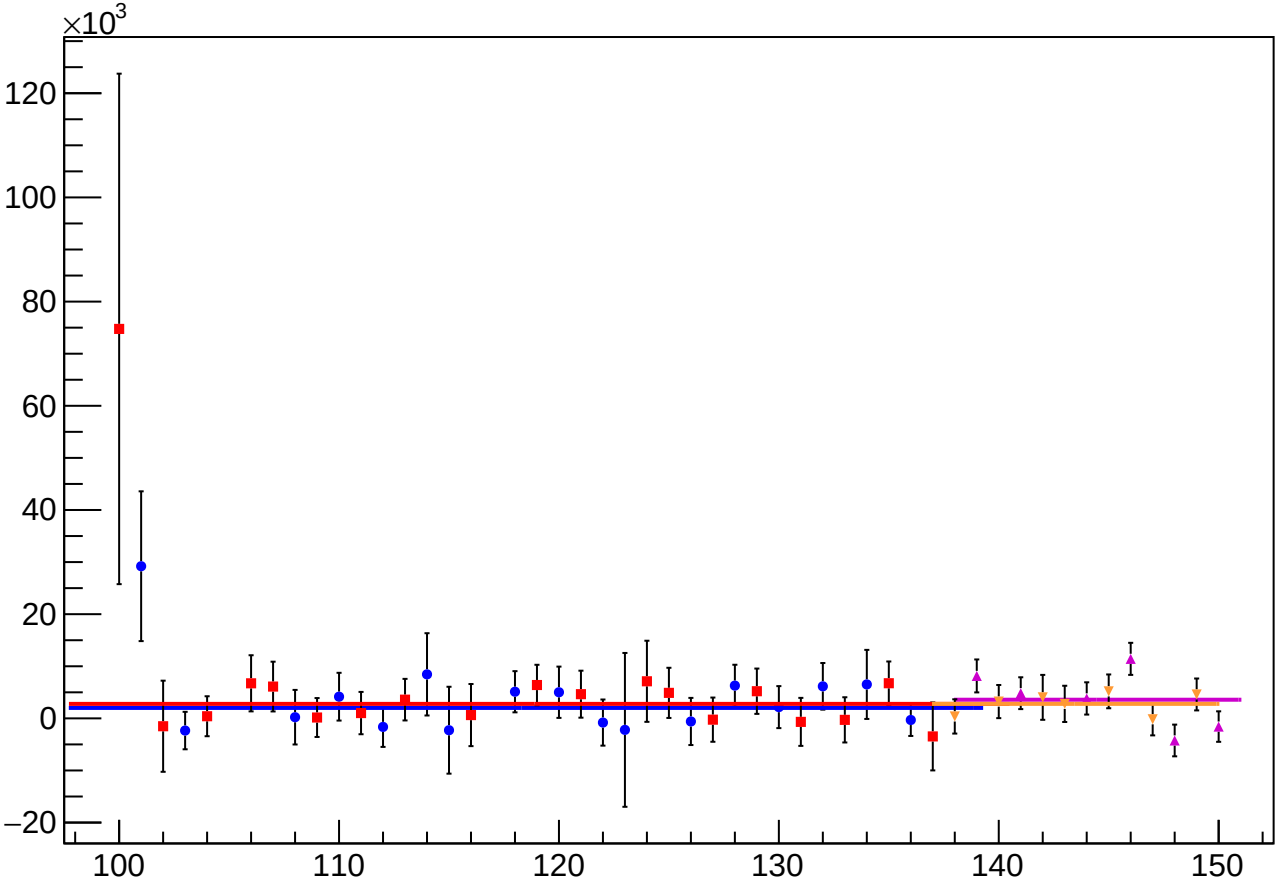
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 7116.501+/-1.525 χ^2/NDF:1485286.6/22

Out: 6952.545+/-1.469 χ^2/NDF:1374379.6/25

All: 7031.433+/-1.058 χ^2/NDF: 2865662.6/48

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2783.498+/-1255.832 χ^2/NDF:2.5/6

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 3578.754+/-1248.368 χ^2/NDF:18.5/5

Left: 3183.496+/-885.357 χ^2/NDF: 21.1/12

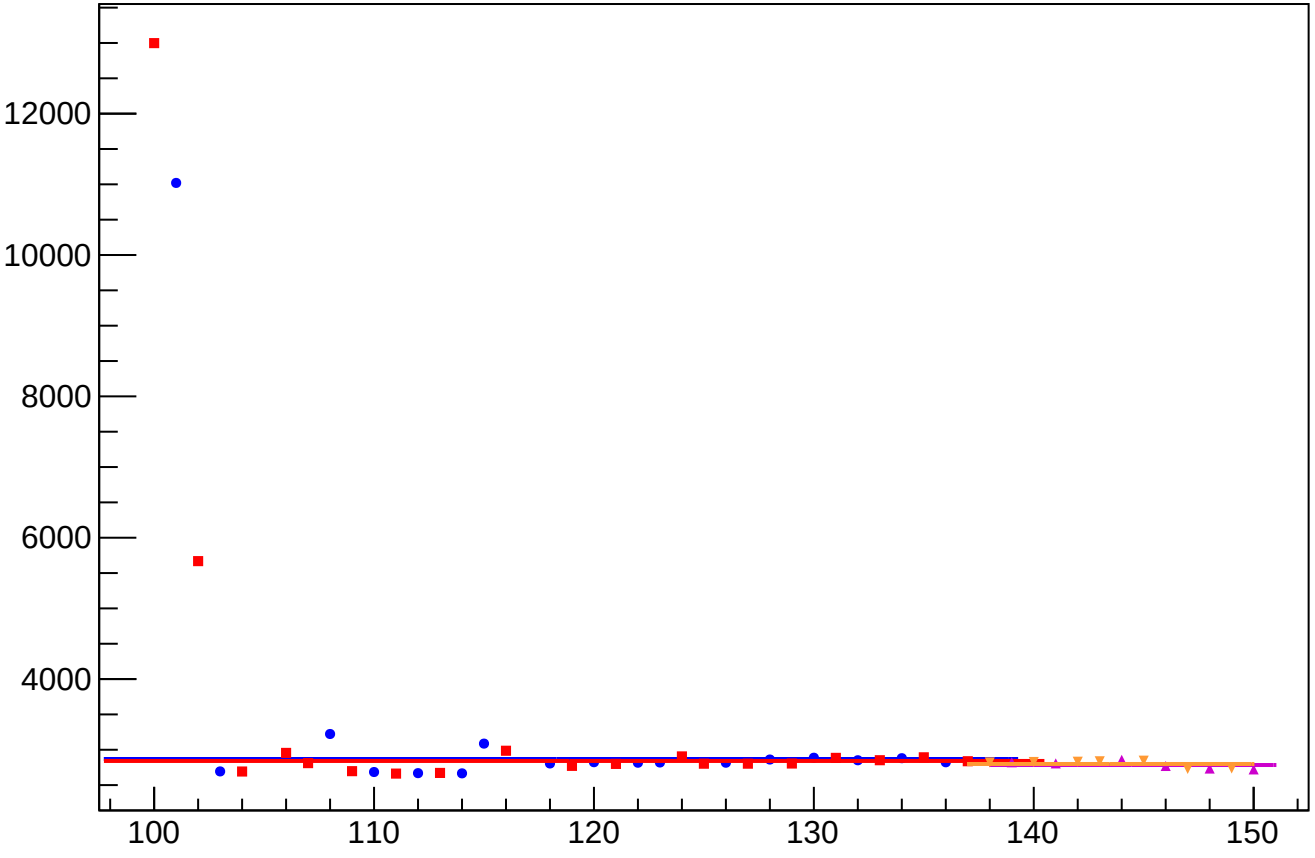
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2716.875+/-839.484 χ^2/NDF:31.4/22

Out: 2782.072+/-821.522 χ^2/NDF:12.4/25

All: 2750.179+/-587.151 χ^2/NDF: 43.7/48

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2798.700+/-0.888 χ^2/NDF:2902.3/6

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2784.170+/-0.883 χ^2/NDF:3024.6/5

Left: 2791.392+/-0.626 χ^2/NDF: 6061.6/12

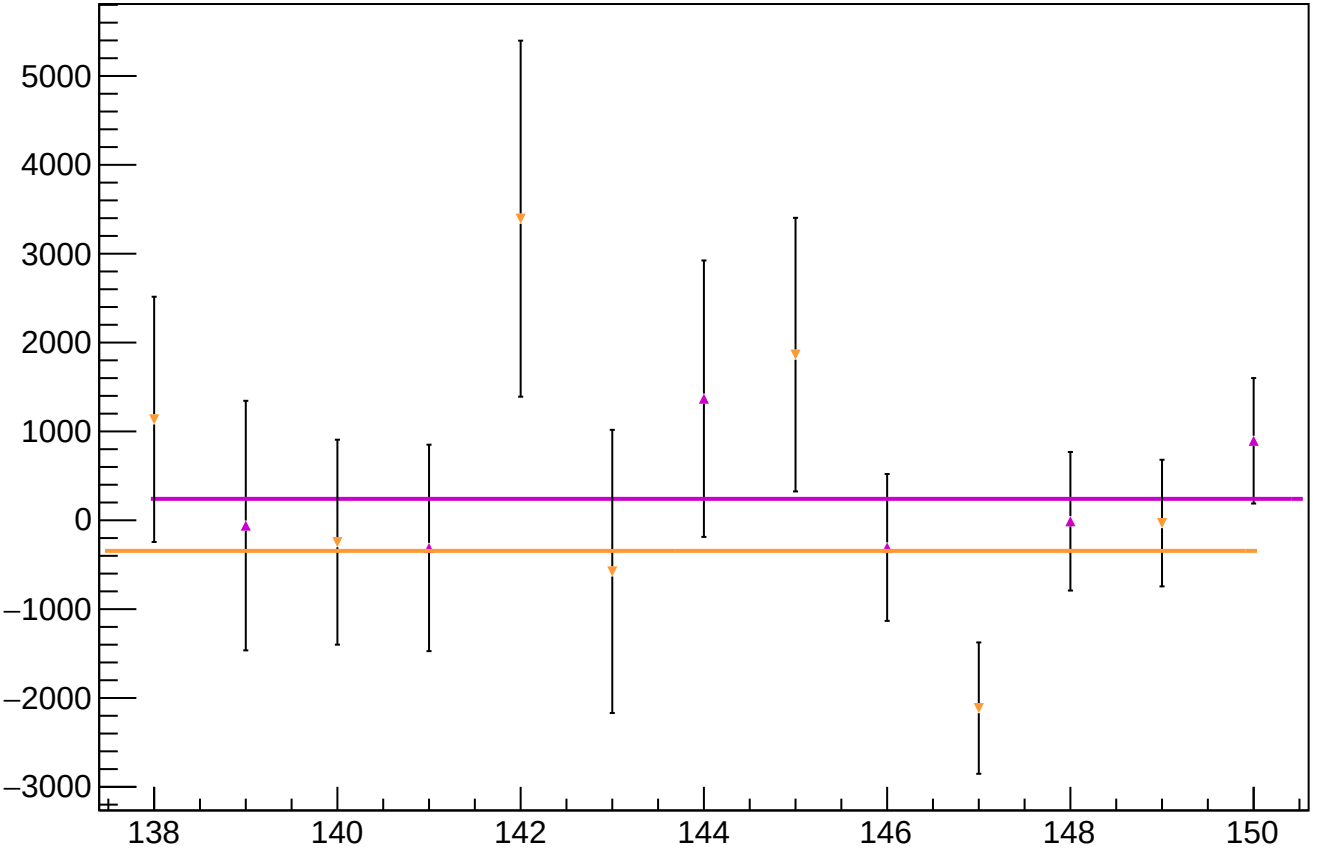
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2830.747+/-0.594 χ^2/NDF:678007.5/22

Out: 2823.219+/-0.581 χ^2/NDF:316758.0/25

All: 2826.902+/-0.415 χ^2/NDF: 994847.7/48

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -344.176+/-403.492 χ^2/NDF:12.6/6

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

Left In: 241.131+/-384.174 χ^2/NDF:2.2/5

Left: -37.176+/-278.231 χ^2/NDF: 15.9/12

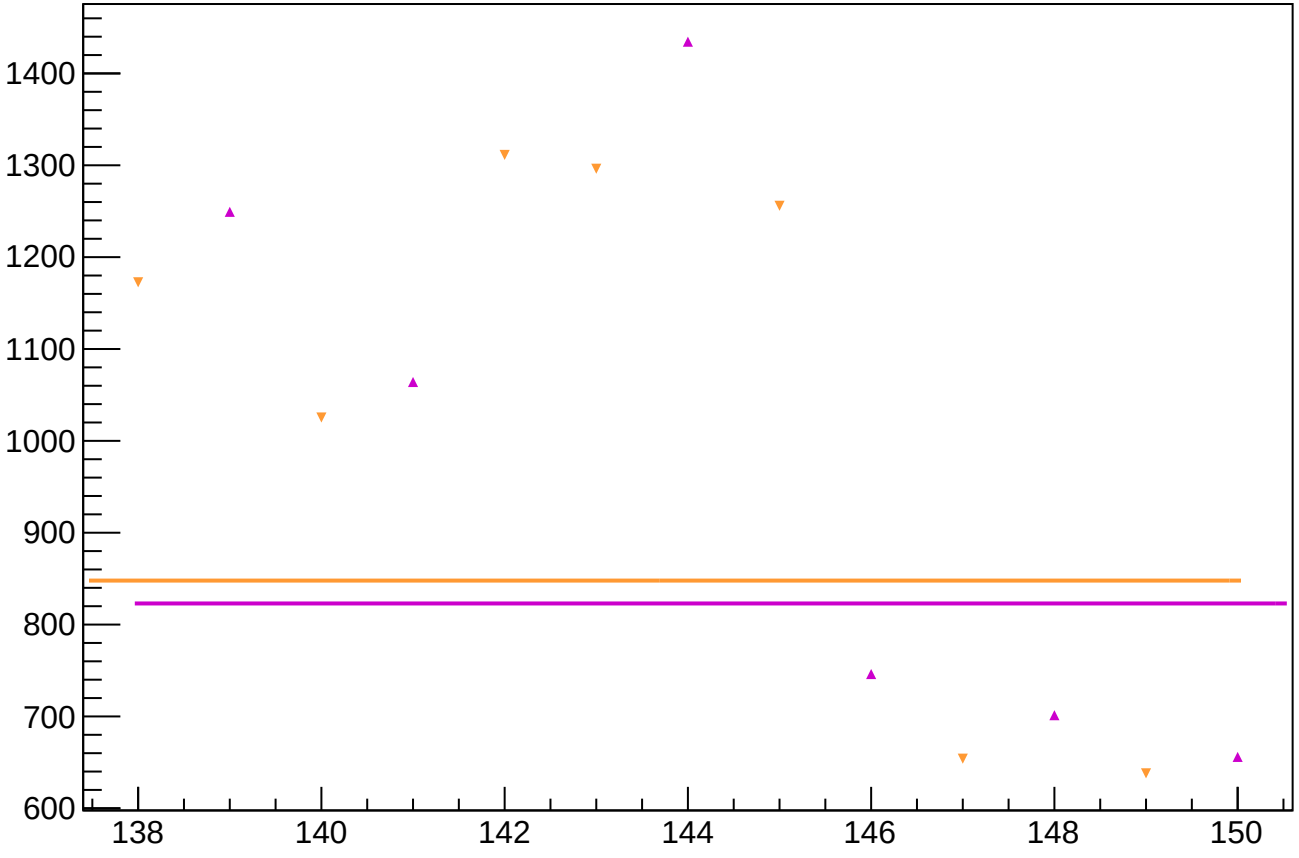
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 241.131+/-384.174 χ^2/NDF:2.2/5

Out: -344.176+/-403.492 χ^2/NDF:12.6/6

All: -37.176+/-278.231 χ^2/NDF: 15.9/12

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 847.899+/-0.285 χ^2/NDF:875094.7/6

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

Left In: 822.988+/-0.272 χ^2/NDF:757497.9/5

Left: 834.833+/-0.197 χ^2/NDF: 1636591.2/12

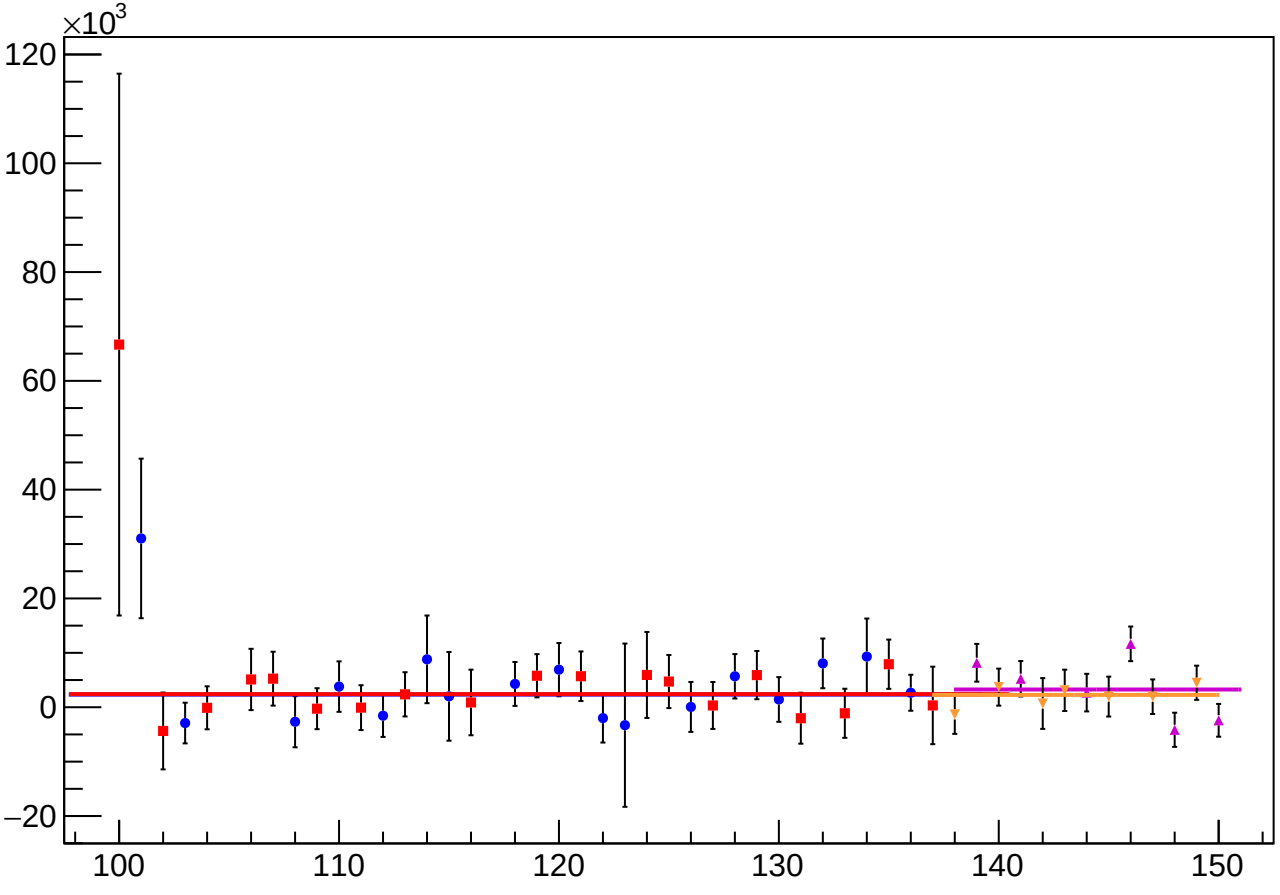
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 822.988+/-0.272 χ^2/NDF:757497.9/5

Out: 847.899+/-0.285 χ^2/NDF:875094.7/6

All: 834.833+/-0.197 χ^2/NDF: 1636591.2/12

asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2265.599+/-1343.016 χ^2/NDF:1.9/6

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 3261.159+/-1323.125 χ^2/NDF:18.4/5

Left: 2770.806+/-942.545 χ^2/NDF: 20.6/12

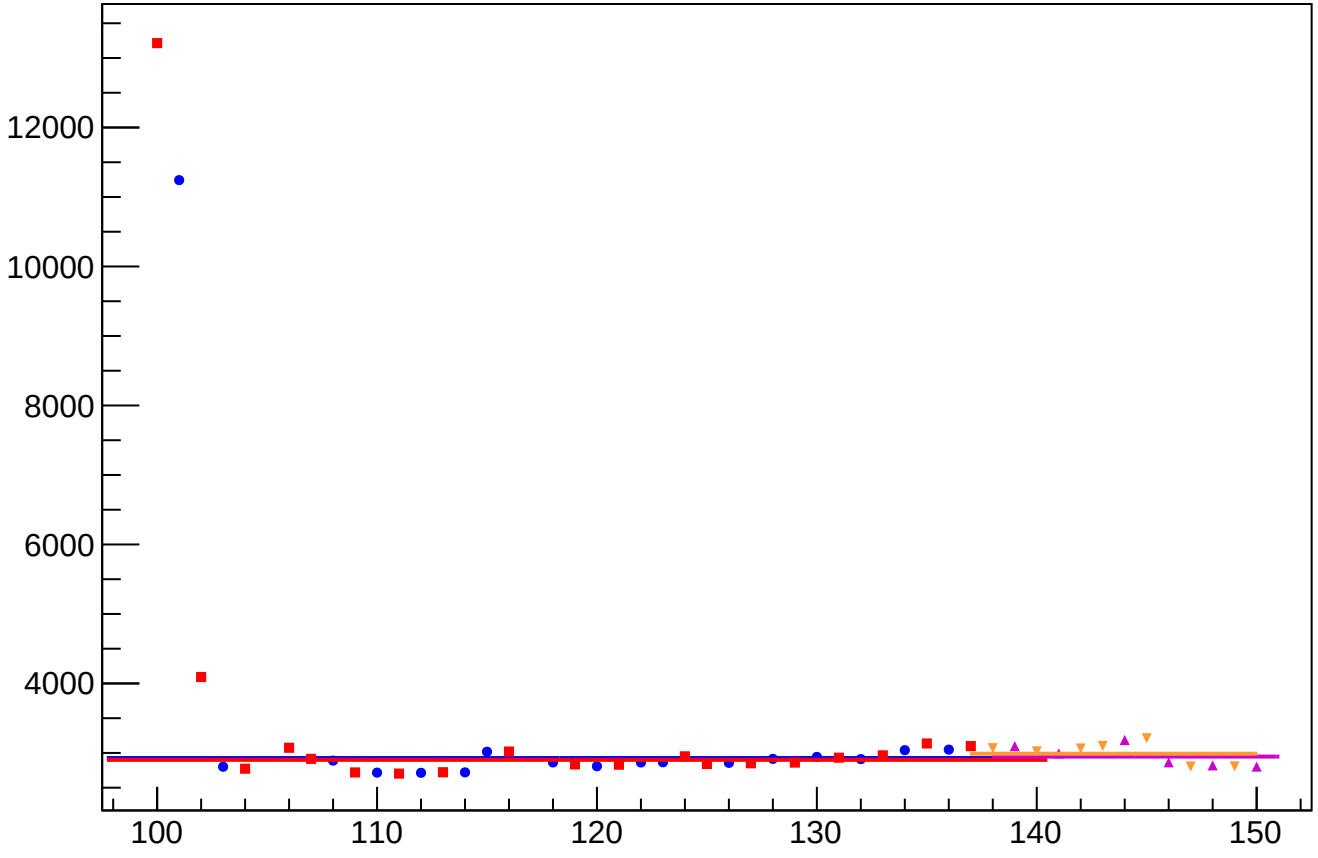
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2733.386+/-870.781 χ^2/NDF:33.1/22

Out: 2347.675+/-855.638 χ^2/NDF:11.9/25

All: 2537.147+/-610.311 χ^2/NDF: 45.2/48

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2988.765+/-0.950 χ^2/NDF:24326.7/6

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2947.716+/-0.936 χ^2/NDF:22782.7/5

Left: 2967.934+/-0.666 χ^2/NDF: 48057.6/12

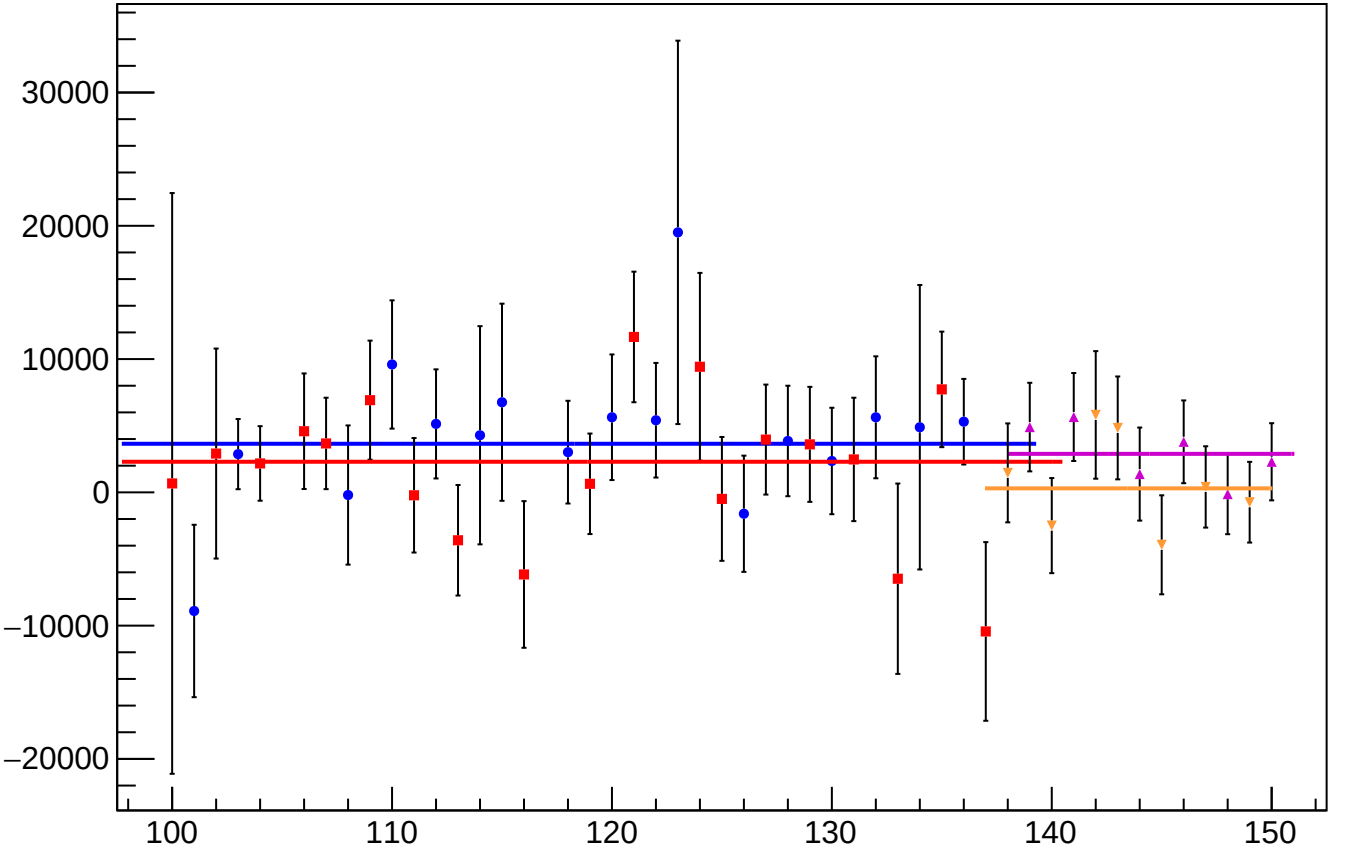
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2935.752+/-0.616 χ^2/NDF:685865.6/22

Out: 2936.521+/-0.605 χ^2/NDF:199287.5/25

All: 2936.143+/-0.432 χ^2/NDF: 885153.9/48

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 301.220+/-1347.291 χ^2/NDF:4.8/6

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 2888.246+/-1293.009 χ^2/NDF:2.4/5

Left: 1647.897+/-932.895 χ^2/NDF: 9.1/12

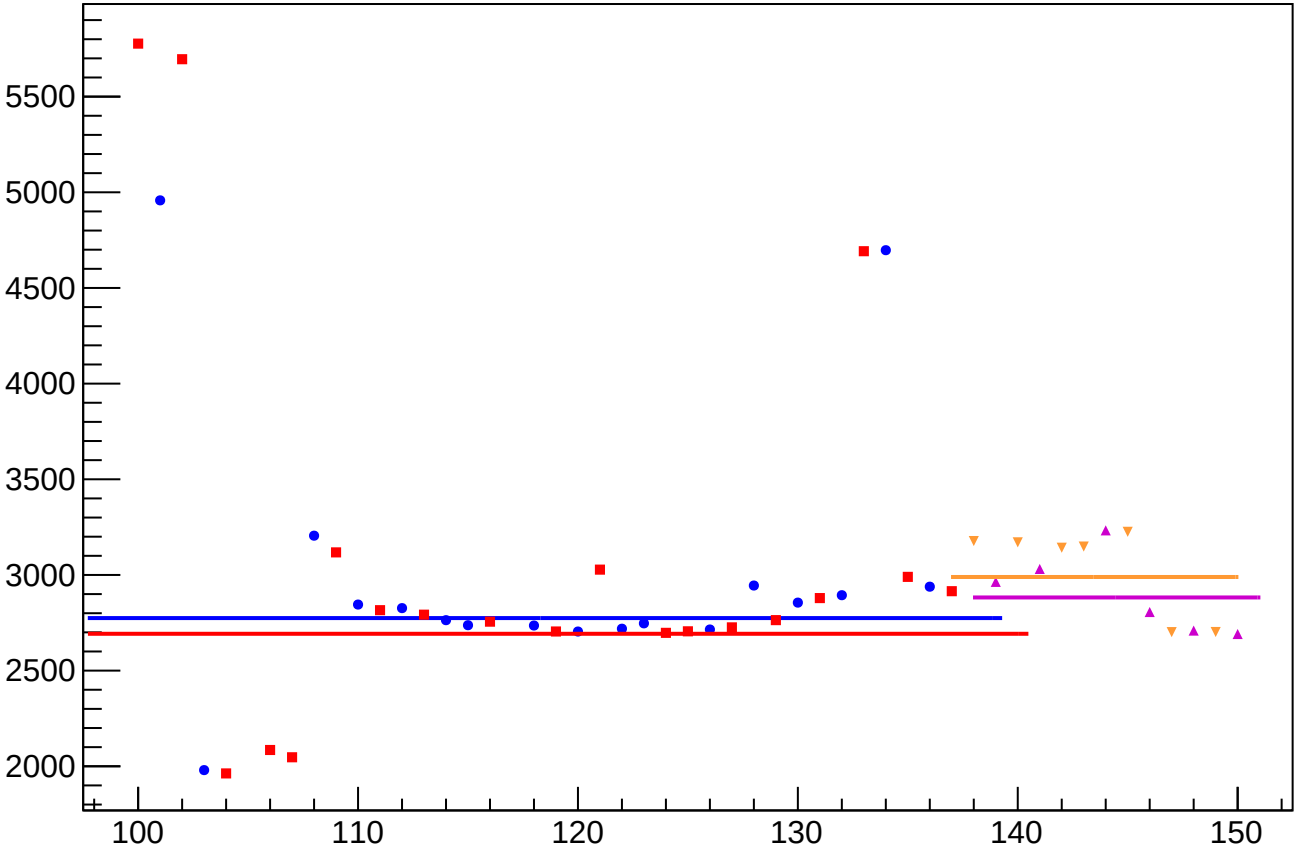
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3330.282+/-834.052 χ^2/NDF:12.4/22

Out: 1544.945+/-826.651 χ^2/NDF:24.6/25

All: 2429.657+/-587.129 χ^2/NDF: 39.4/48

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2989.374+/-0.953 χ^2/NDF:59678.7/6

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2882.363+/-0.914 χ^2/NDF:41998.6/5

Left: 2933.670+/-0.660 χ^2/NDF: 108245.2/12

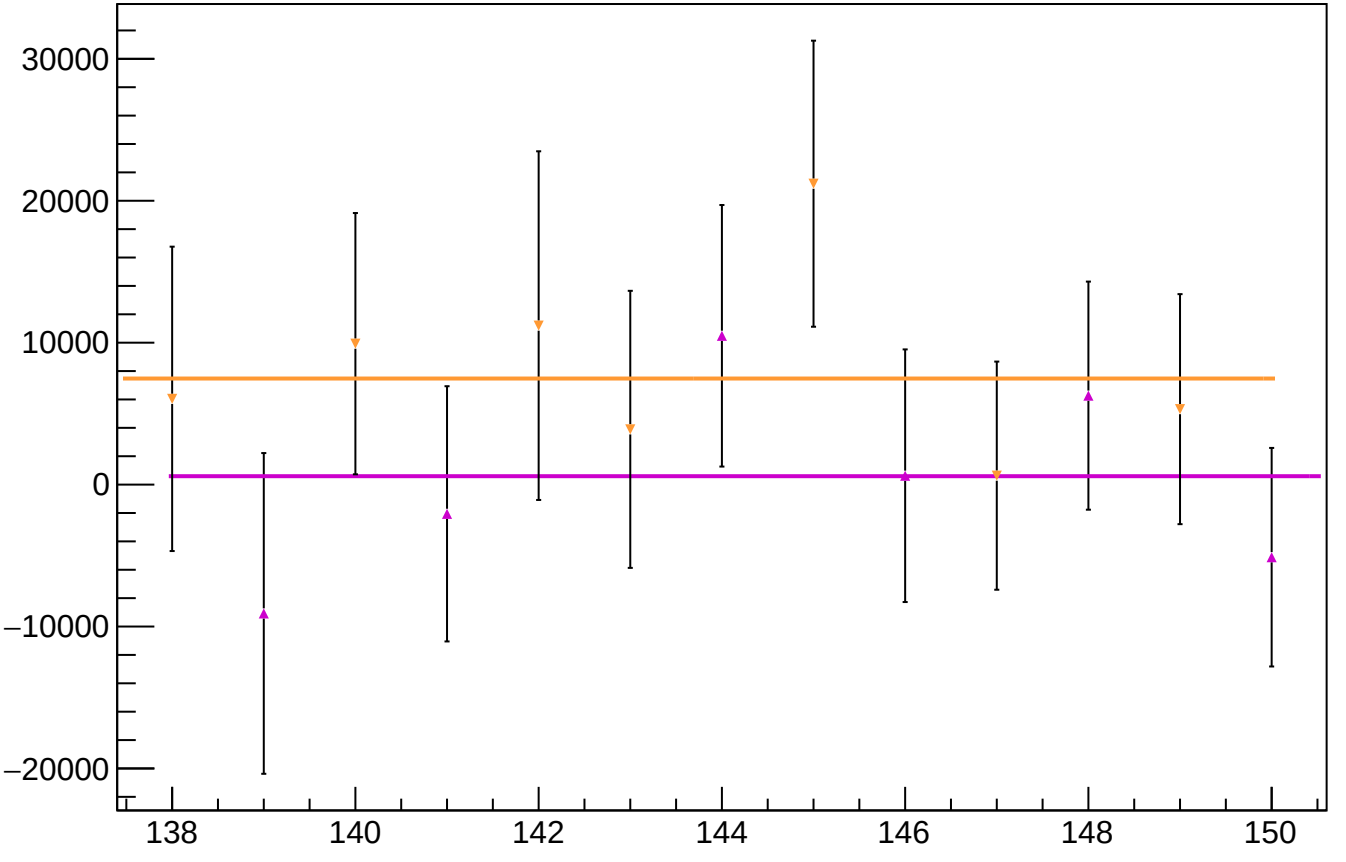
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2819.449+/-0.590 χ^2/NDF:551788.1/22

Out: 2804.222+/-0.584 χ^2/NDF:900507.1/25

All: 2811.766+/-0.415 χ^2/NDF: 1452631.5/48

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 7474.592+/-3576.574 χ^2/NDF:3.0/6

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

Left In: 593.146+/-3604.850 χ^2/NDF:3.0/5

Left: 4060.964+/-2538.958 χ^2/NDF: 7.8/12

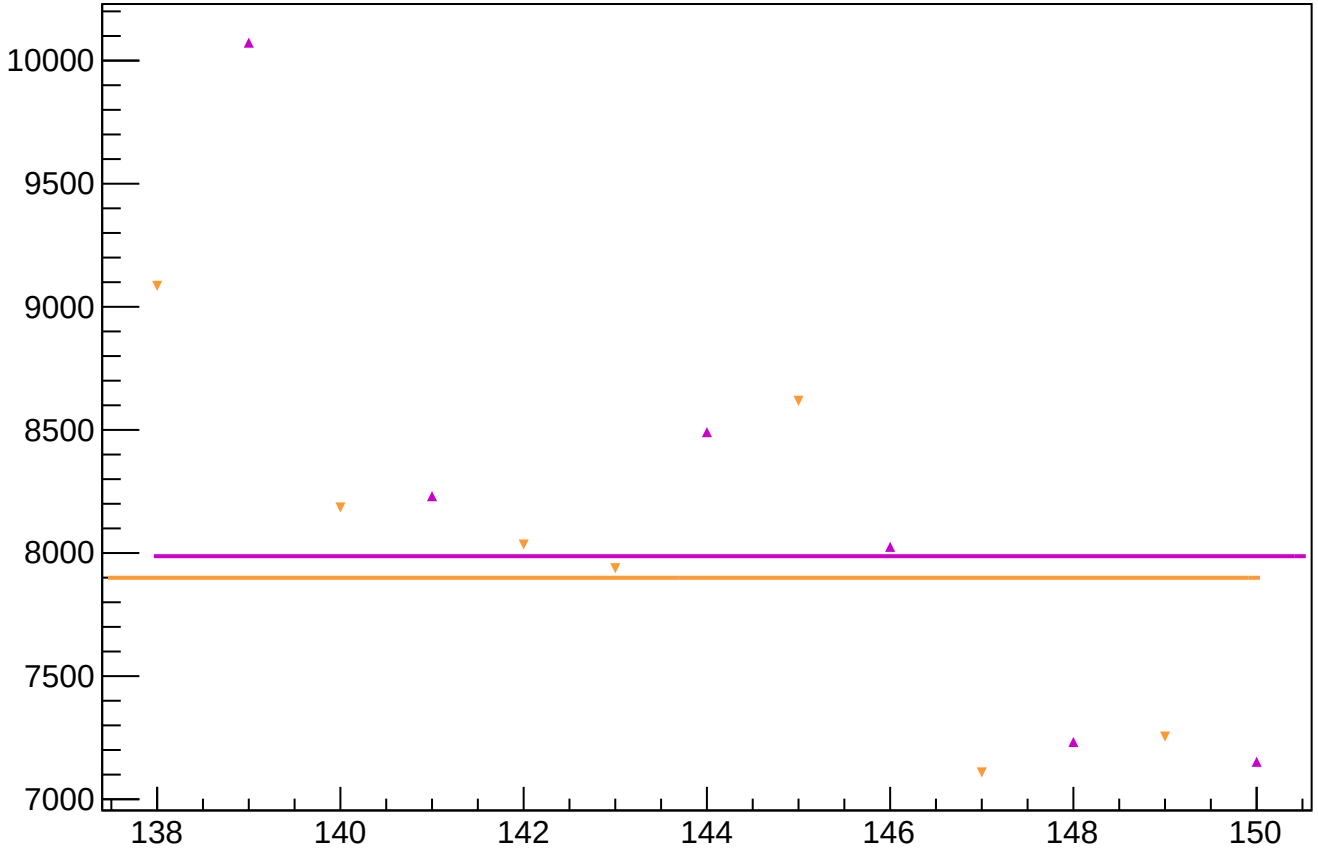
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 593.146+/-3604.850 χ^2/NDF:3.0/5

Out: 7474.592+/-3576.574 χ^2/NDF:3.0/6

All: 4060.964+/-2538.958 χ^2/NDF: 7.8/12

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 7899.531+/-2.529 χ^2/NDF:68838.6/6

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

Left In: 7987.125+/-2.549 χ^2/NDF:116784.6/5

Left: 7942.983+/-1.795 χ^2/NDF: 186218.3/12

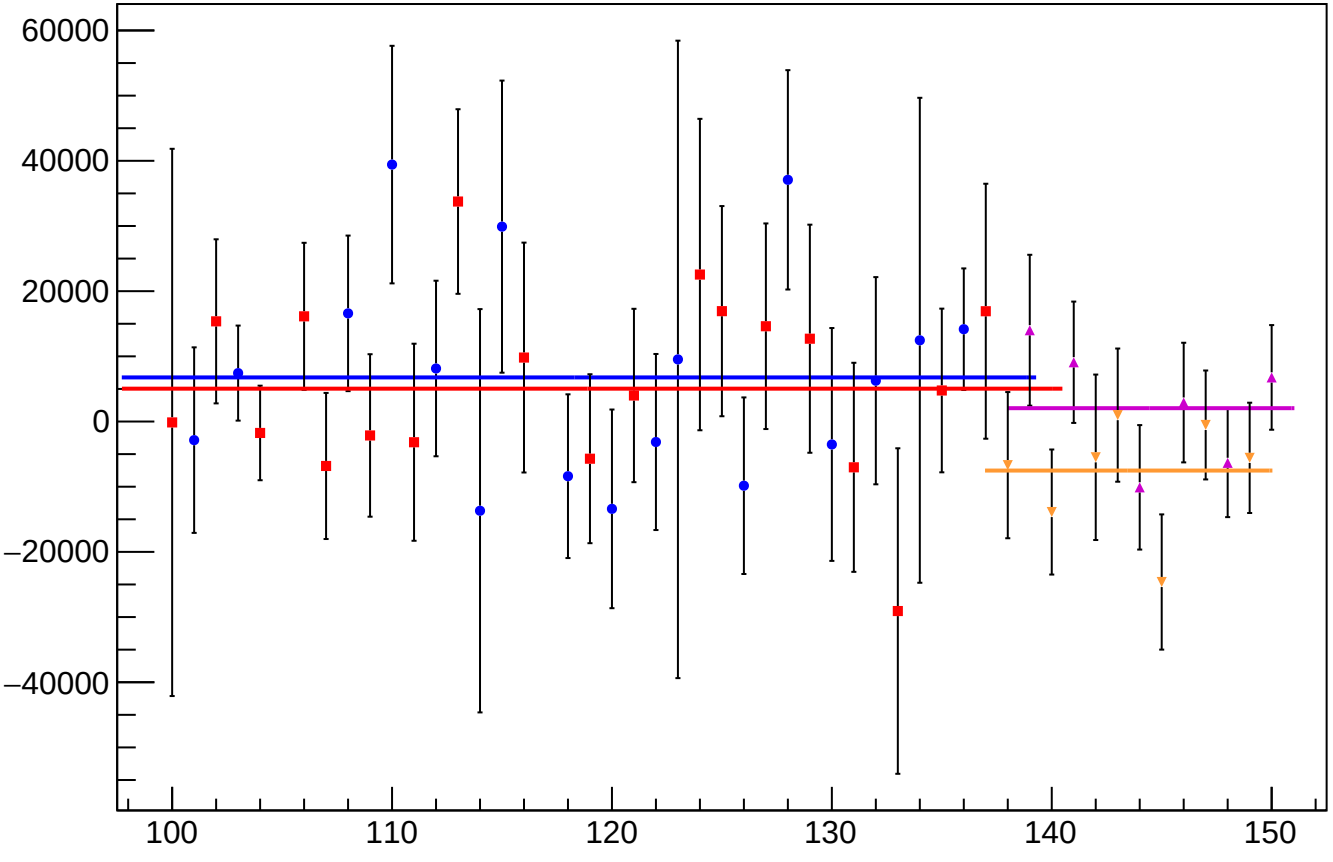
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7987.125+/-2.549 χ^2/NDF:116784.6/5

Out: 7899.531+/-2.529 χ^2/NDF:68838.6/6

All: 7942.983+/-1.795 χ^2/NDF: 186218.3/12

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -7521.467+/-3722.046 χ^2/NDF:4.6/6

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 2047.874+/-3732.595 χ^2/NDF:4.6/5

Left: -2750.339+/-2635.606 χ^2/NDF: 12.6/12

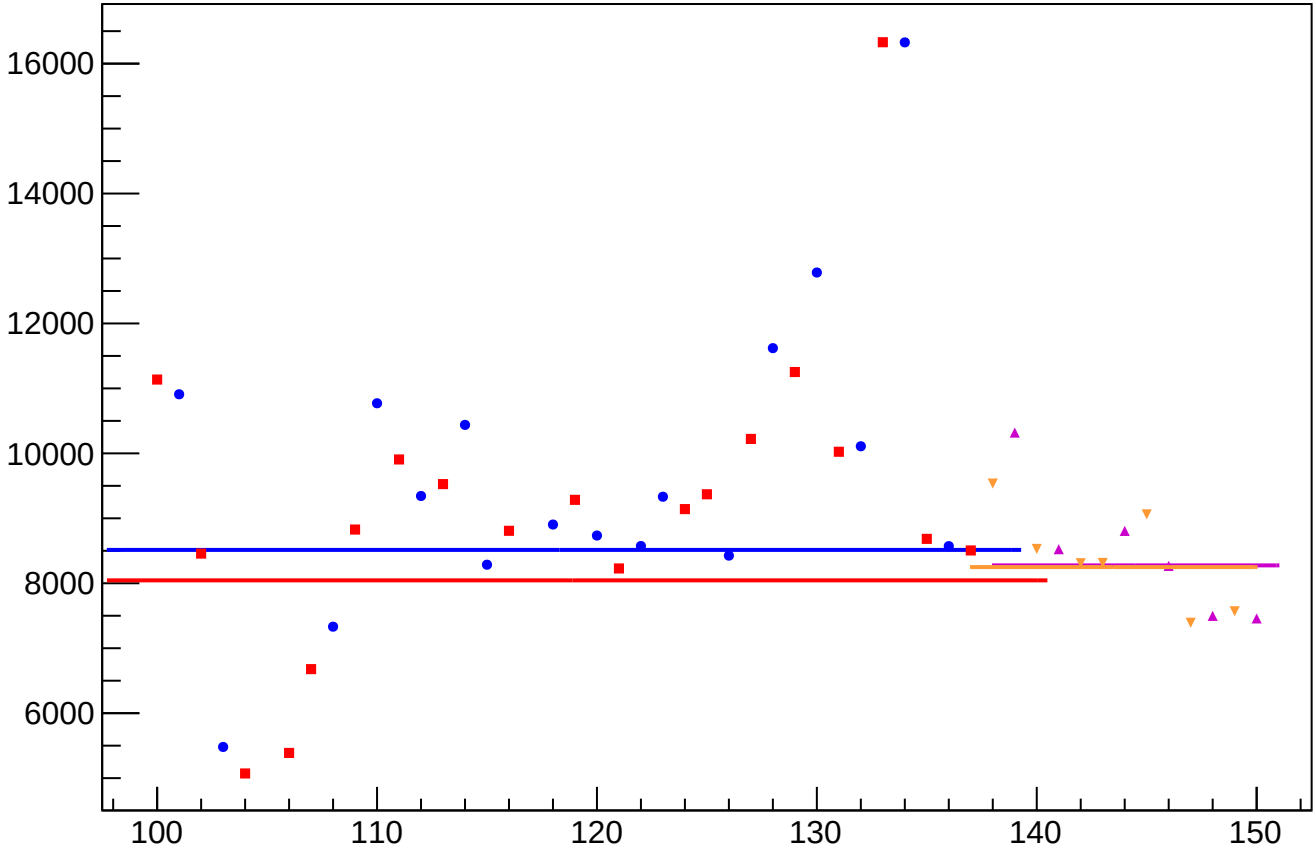
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 4636.096+/-2508.329 χ^2/NDF:20.9/22

Out: -235.547+/-2412.291 χ^2/NDF:24.8/25

All: 2105.228+/-1738.708 χ^2/NDF: 47.7/48

asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 8249.272+/-2.632 χ^2/NDF:74352.2/6

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 8275.377+/-2.639 χ^2/NDF:108121.7/5

Left: 8262.287+/-1.864 χ^2/NDF: 182523.0/12

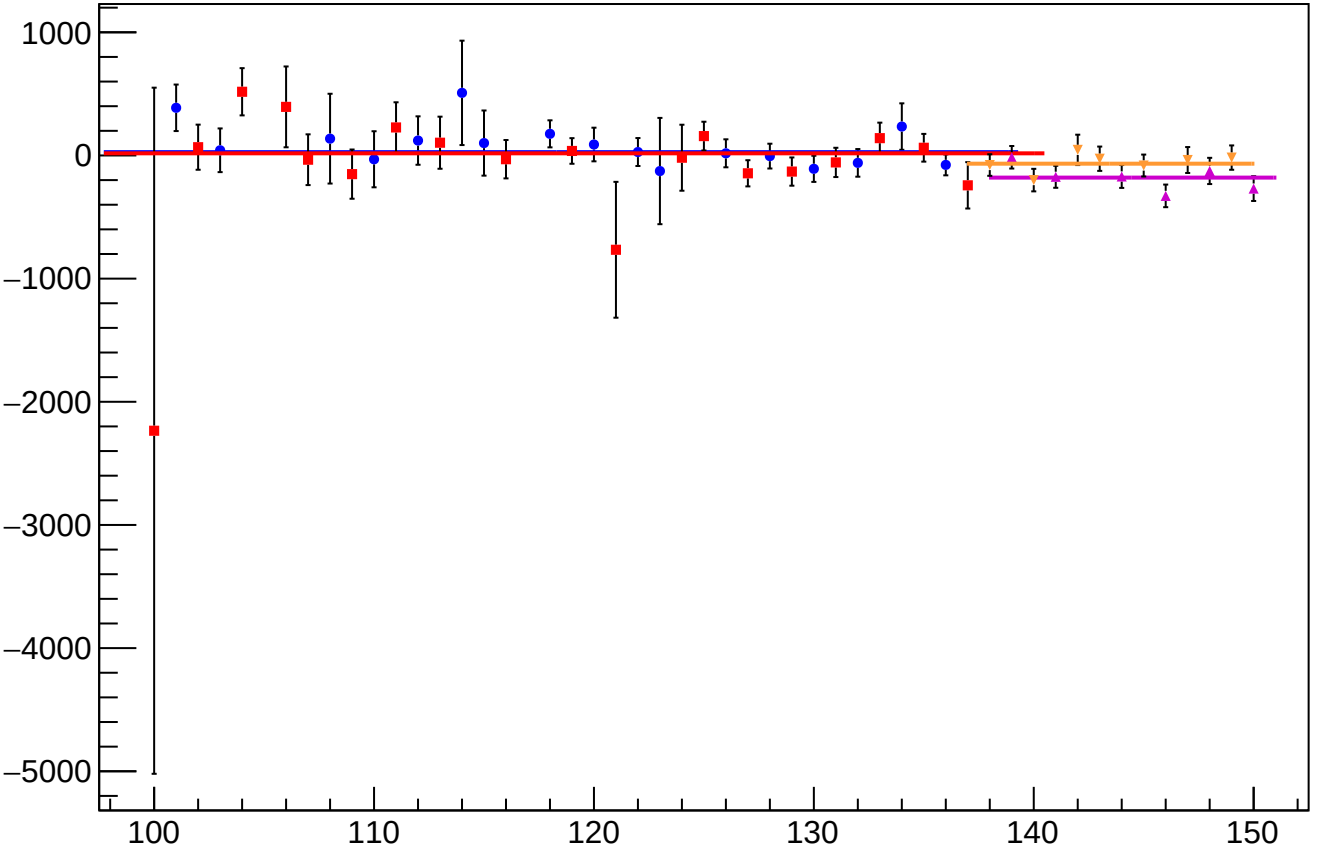
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8406.056+/-1.774 χ^2/NDF:875206.3/22

Out: 8130.648+/-1.706 χ^2/NDF:1030165.4/25

All: 8262.976+/-1.229 χ^2/NDF: 1917897.7/48

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -66.726+/-36.816 χ^2/NDF:3.5/6

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -179.783+/-38.737 χ^2/NDF:6.9/5

Left: -120.381+/-26.686 χ^2/NDF: 14.9/12

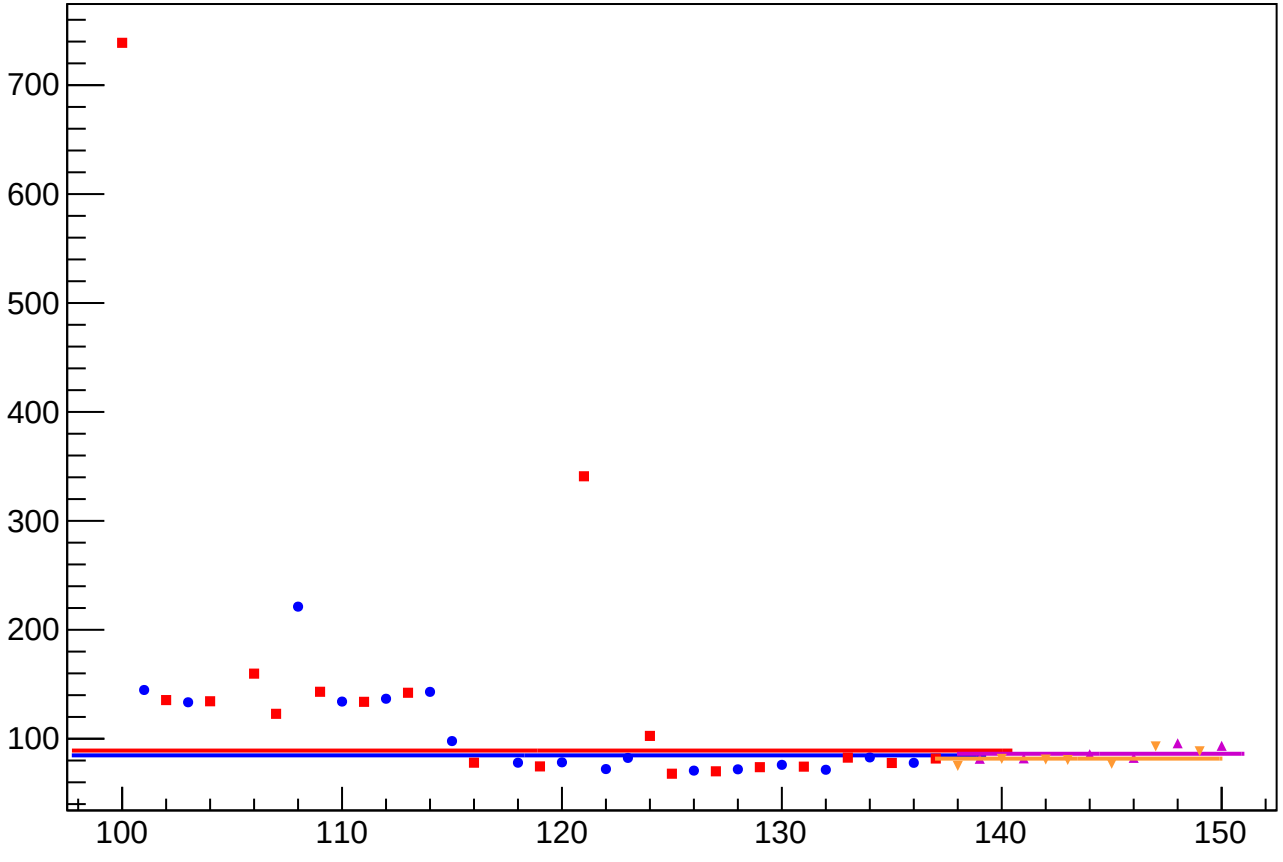
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -63.105+/-25.565 χ^2/NDF:35.6/22

Out: -23.206+/-25.572 χ^2/NDF:28.0/25

All: -43.161+/-18.080 χ^2/NDF: 64.9/48

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.754+/-0.026 χ^2/NDF:49862.3/6

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 86.202+/-0.027 χ^2/NDF:39788.1/5

Left: 83.865+/-0.019 χ^2/NDF: 103509.2/12

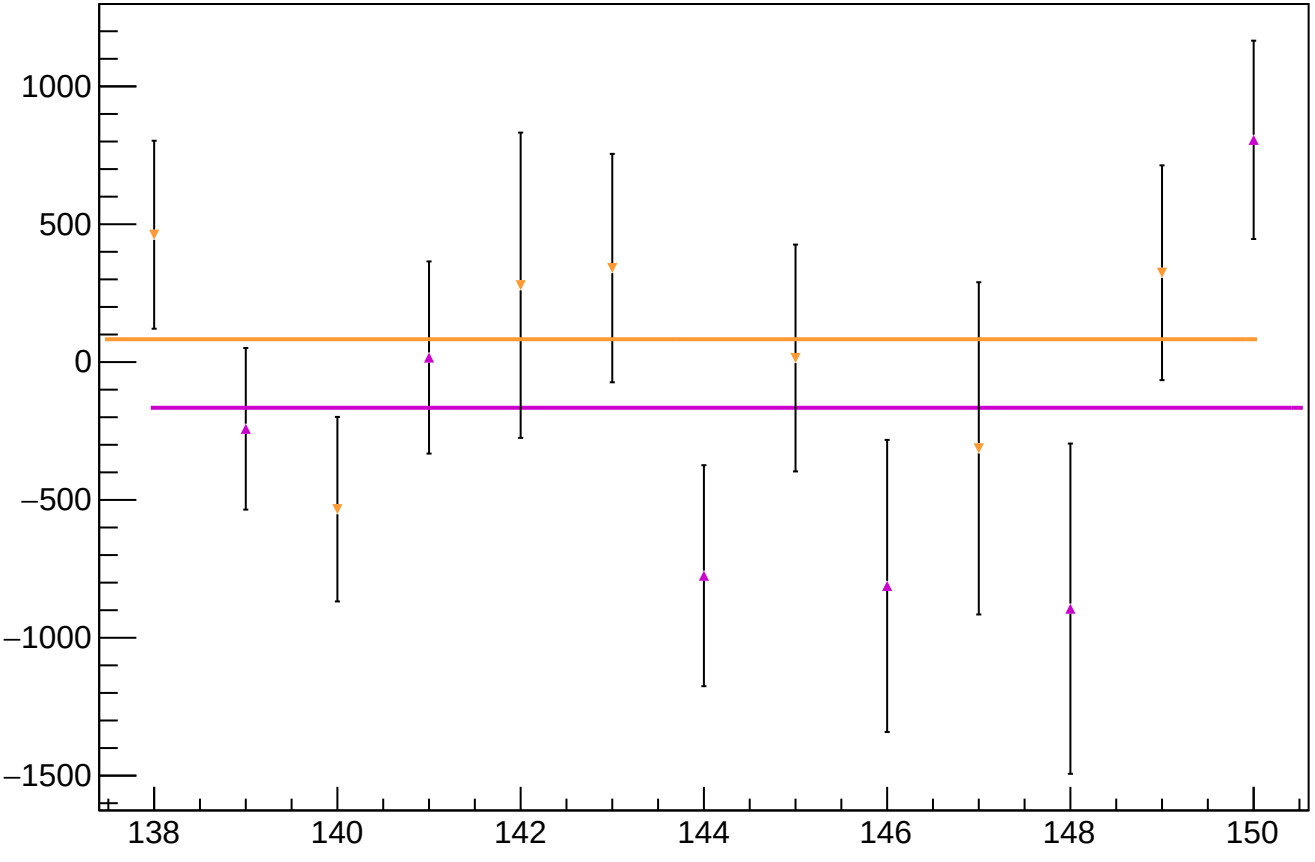
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 85.375+/-0.018 χ^2/NDF:1105823.0/22

Out: 85.578+/-0.018 χ^2/NDF:1650830.2/25

All: 85.476+/-0.013 χ^2/NDF: 2756716.0/48

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 82.848+/-154.535 χ^2/NDF:6.0/6

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

Left In: -165.742+/-157.765 χ^2/NDF:12.9/5

Left: -38.876+/-110.397 χ^2/NDF: 20.2/12

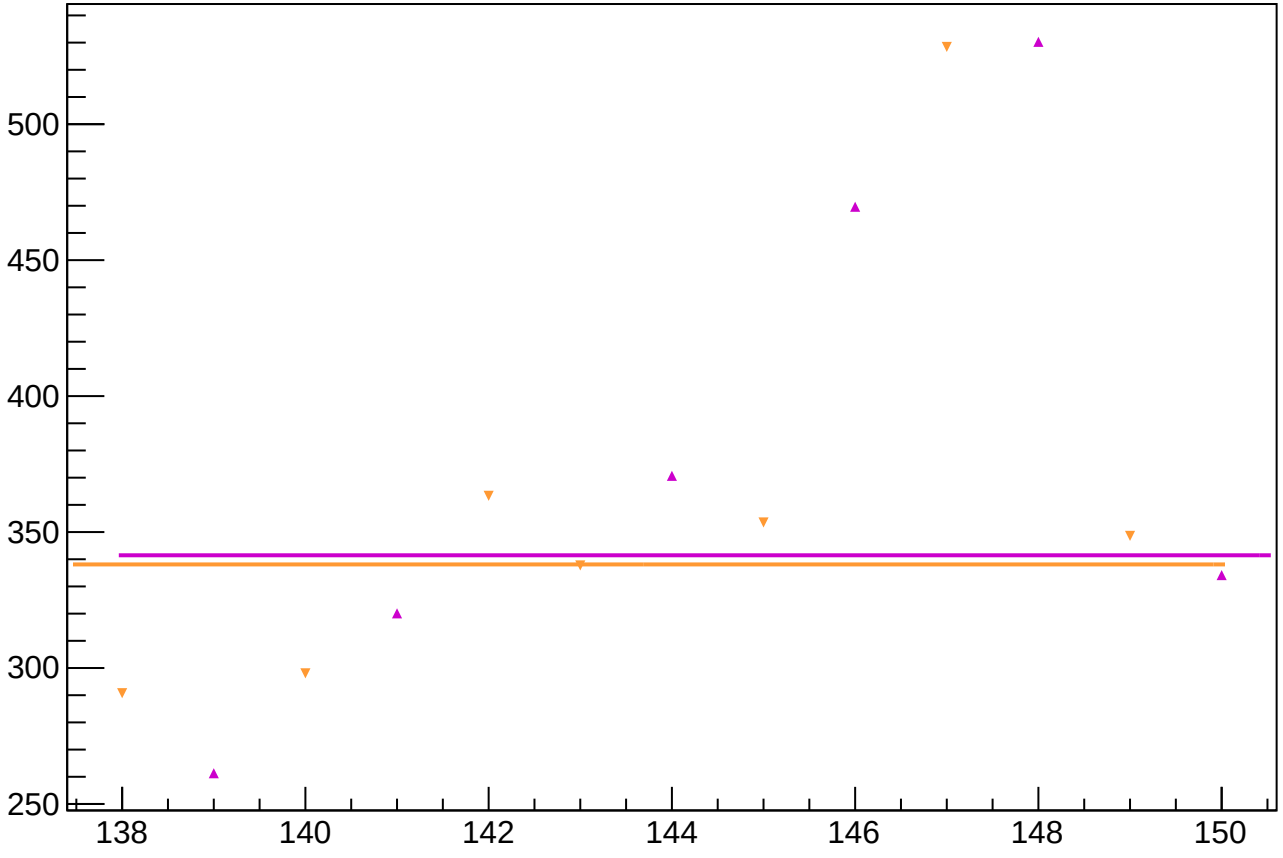
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -165.742+/-157.765 χ^2/NDF:12.9/5

Out: 82.848+/-154.535 χ^2/NDF:6.0/6

All: -38.876+/-110.397 χ^2/NDF: 20.2/12

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 338.095+/-0.109 χ^2/NDF:275206.0/6

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

Left In: 341.460+/-0.112 χ^2/NDF:484388.7/5

Left: 339.743+/-0.078 χ^2/NDF: 760059.0/12

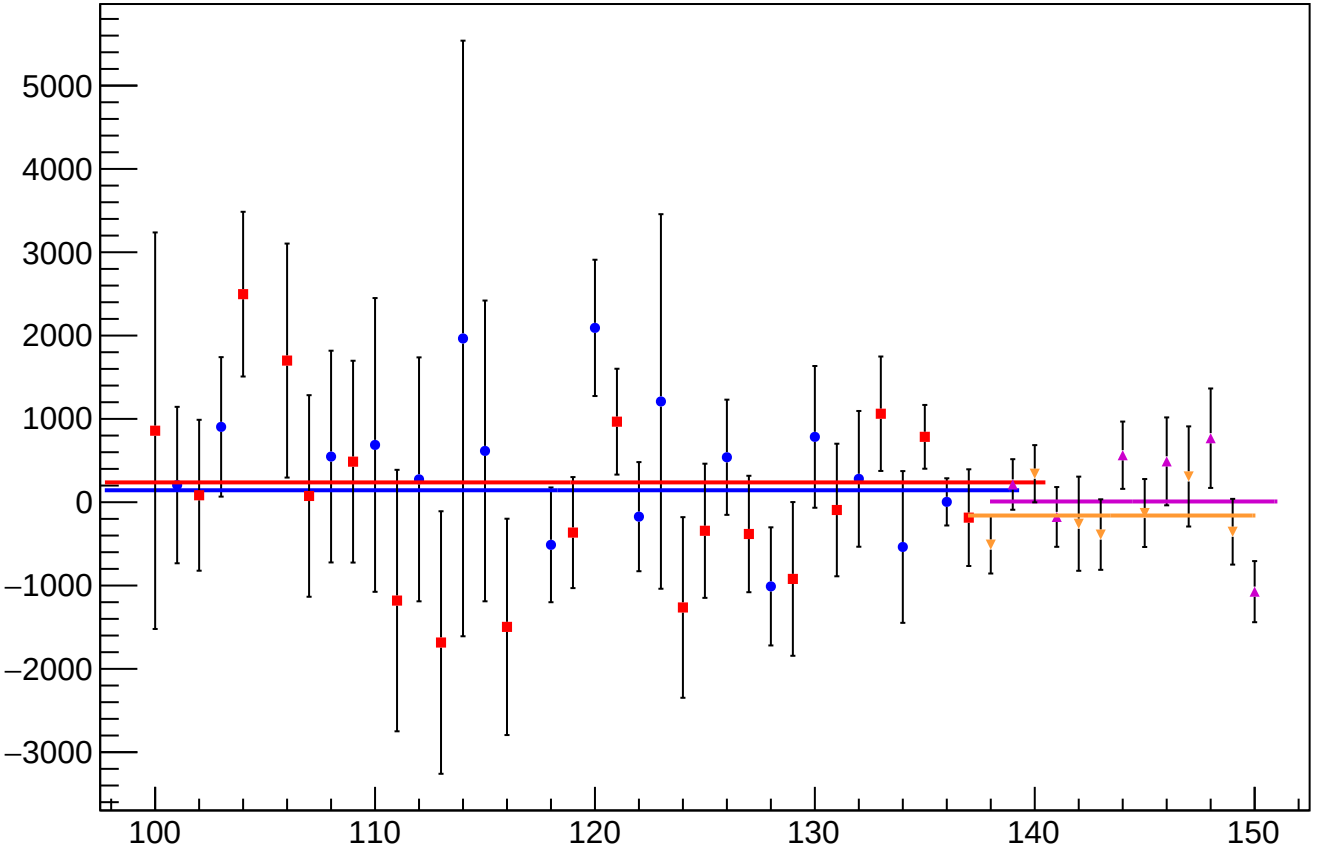
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 341.460+/-0.112 χ^2/NDF:484388.7/5

Out: 338.095+/-0.109 χ^2/NDF:275206.0/6

All: 339.743+/-0.078 χ^2/NDF: 760059.0/12

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -159.651+/-156.714 χ^2/NDF:4.3/6

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: 8.712+/-160.961 χ^2/NDF:13.8/5

Left: -77.720+/-112.285 χ^2/NDF: 18.7/12

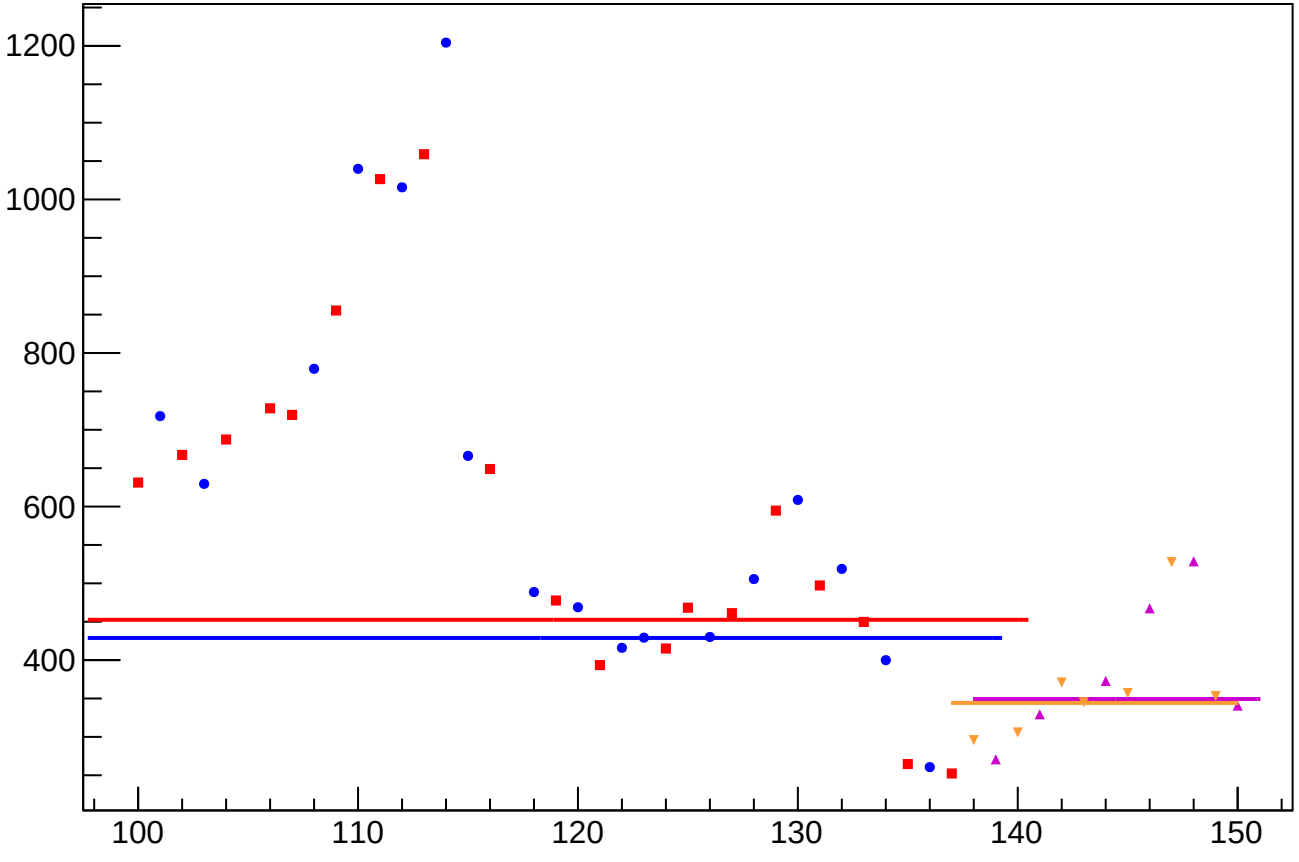
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 68.879+/-119.758 χ^2/NDF:26.9/22

Out: 7.461+/-119.304 χ^2/NDF:28.7/25

All: 38.054+/-84.521 χ^2/NDF: 55.7/48

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 344.238+/-0.111 χ^2/NDF:257792.8/6

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 349.352+/-0.114 χ^2/NDF:429007.7/5

Left: 346.727+/-0.079 χ^2/NDF: 687837.0/12

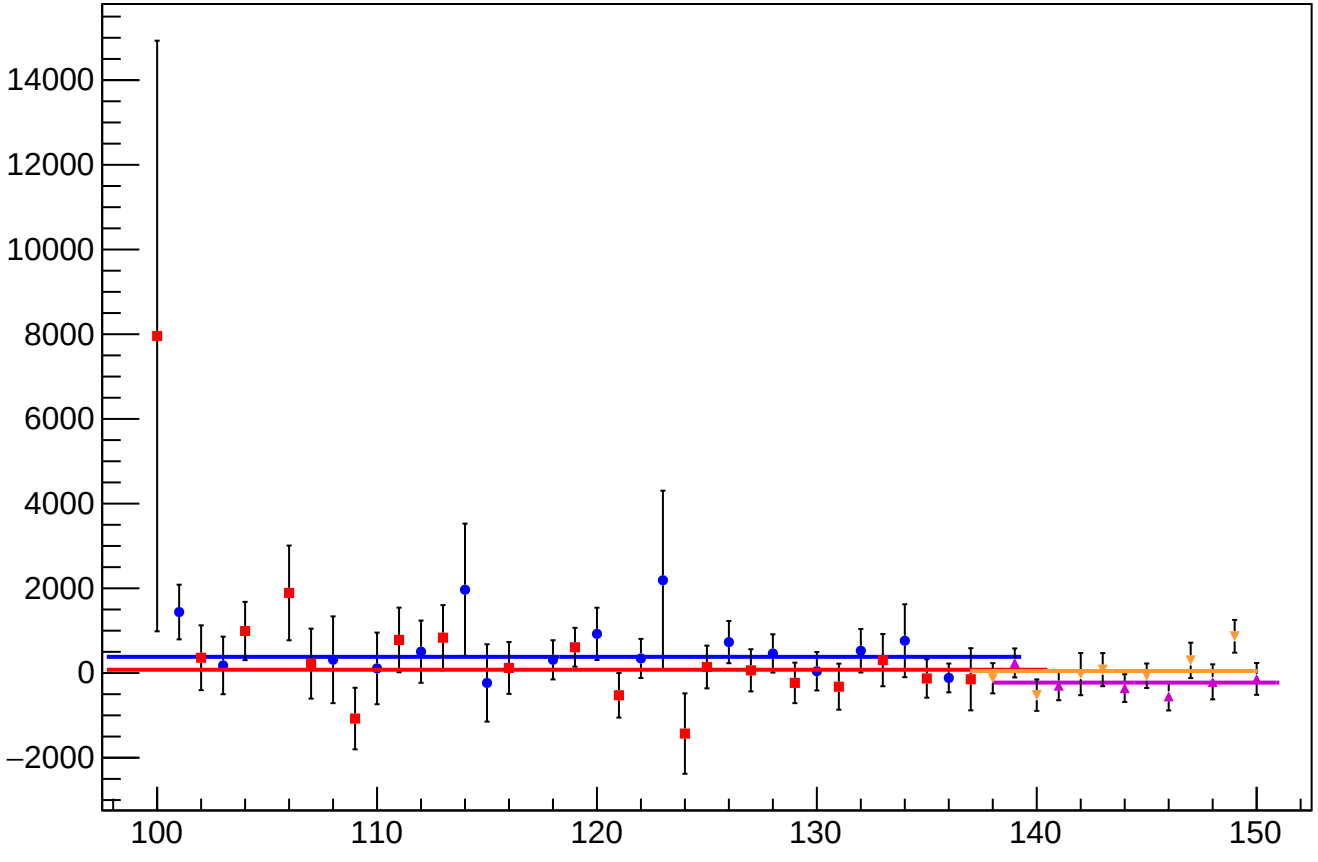
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 384.845+/-0.085 χ^2/NDF:2659168.2/22

Out: 389.763+/-0.084 χ^2/NDF:2698461.0/25

All: 387.313+/-0.060 χ^2/NDF: 5359321.6/48

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: 47.748+/-141.411 χ^2/NDF:7.6/6

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -226.349+/-144.124 χ^2/NDF:3.0/5

Left: -86.696+/-100.938 χ^2/NDF: 12.5/12

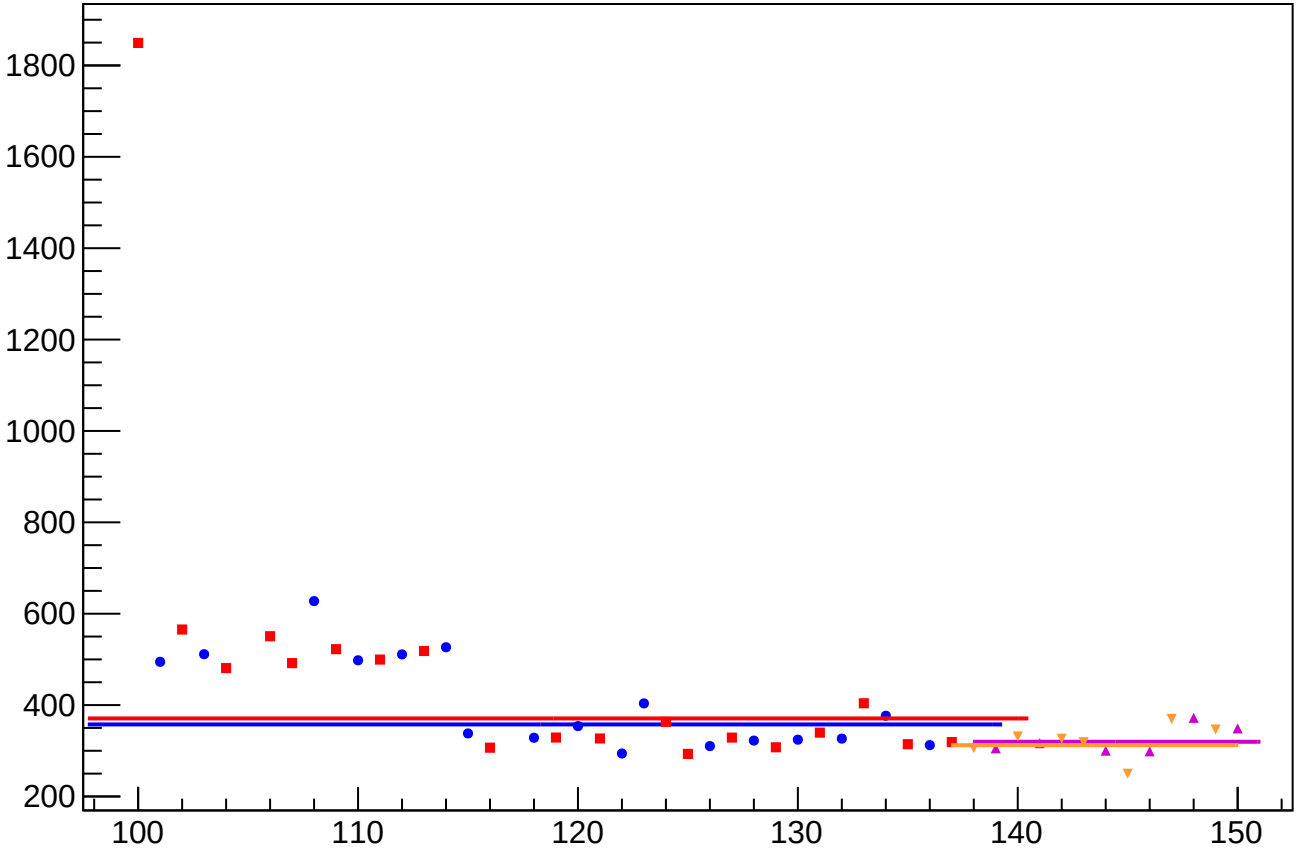
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: 84.022+/-100.859 χ^2/NDF:21.6/22

Out: 62.404+/-100.712 χ^2/NDF:24.4/25

All: 73.197+/-71.266 χ^2/NDF: 46.0/48

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 312.246+/-0.100 χ^2/NDF:154532.6/6

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 319.710+/-0.102 χ^2/NDF:62818.6/5

Left: 315.907+/-0.071 χ^2/NDF: 220084.2/12

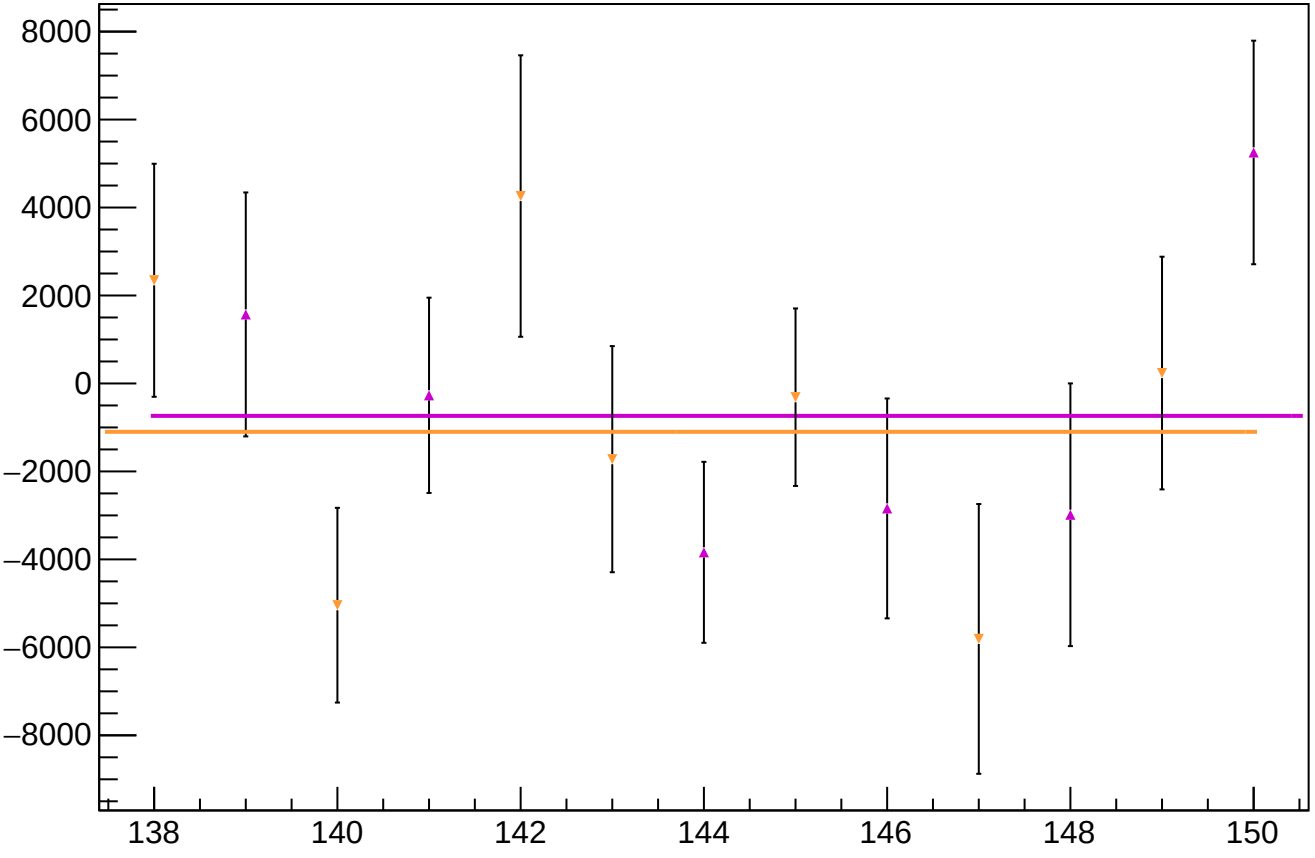
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 339.077+/-0.071 χ^2/NDF:763264.4/22

Out: 341.097+/-0.071 χ^2/NDF:1108258.6/25

All: 340.089+/-0.050 χ^2/NDF: 1871924.6/48

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1099.684+/-957.665 χ^2/NDF:10.5/6

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

Left In: -736.827+/-1001.941 χ^2/NDF:9.8/5

Left: -926.450+/-692.295 χ^2/NDF: 20.4/12

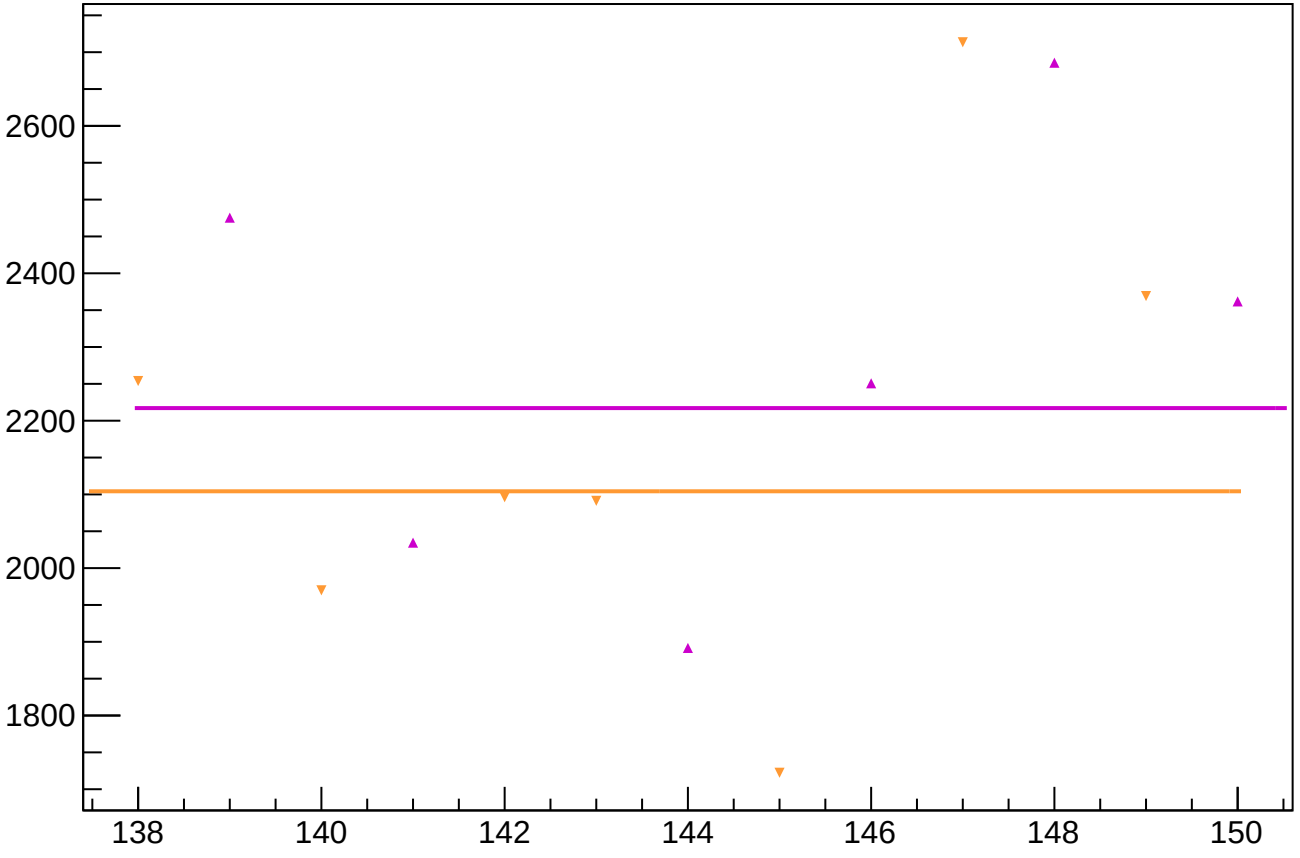
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -736.827+/-1001.941 χ^2/NDF:9.8/5

Out: -1099.684+/-957.665 χ^2/NDF:10.5/6

All: -926.450+/-692.295 χ^2/NDF: 20.4/12

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2104.232+/-0.677 χ^2/NDF:184425.9/6

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

Left In: 2217.116+/-0.708 χ^2/NDF:137022.5/5

Left: 2158.125+/-0.490 χ^2/NDF: 334715.1/12

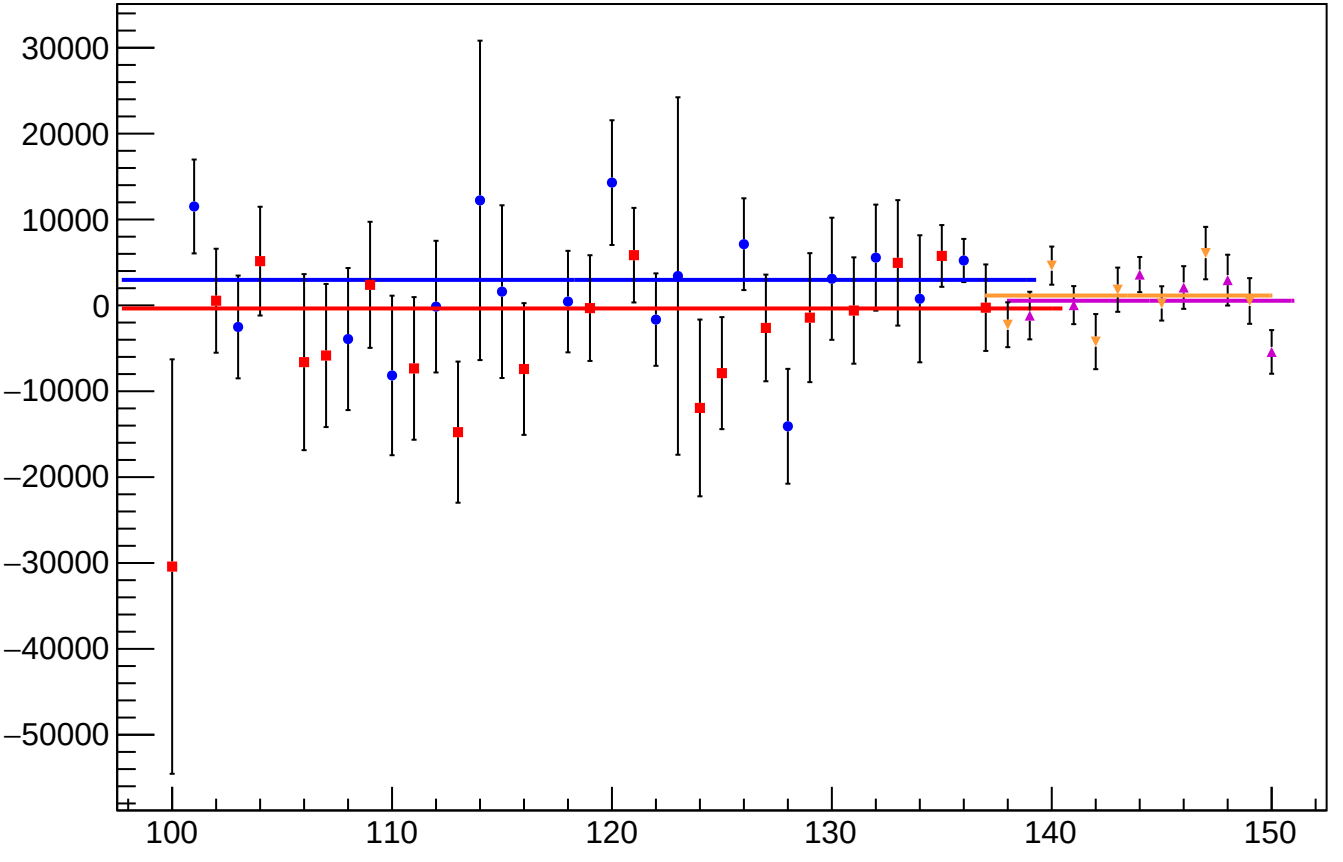
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2217.116+/-0.708 χ^2/NDF:137022.5/5

Out: 2104.232+/-0.677 χ^2/NDF:184425.9/6

All: 2158.125+/-0.490 χ^2/NDF: 334715.1/12

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1146.552+/-955.053 χ^2/NDF:9.9/6

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 538.887+/-998.810 χ^2/NDF:9.2/5

Left: 856.322+/-690.275 χ^2/NDF: 19.3/12

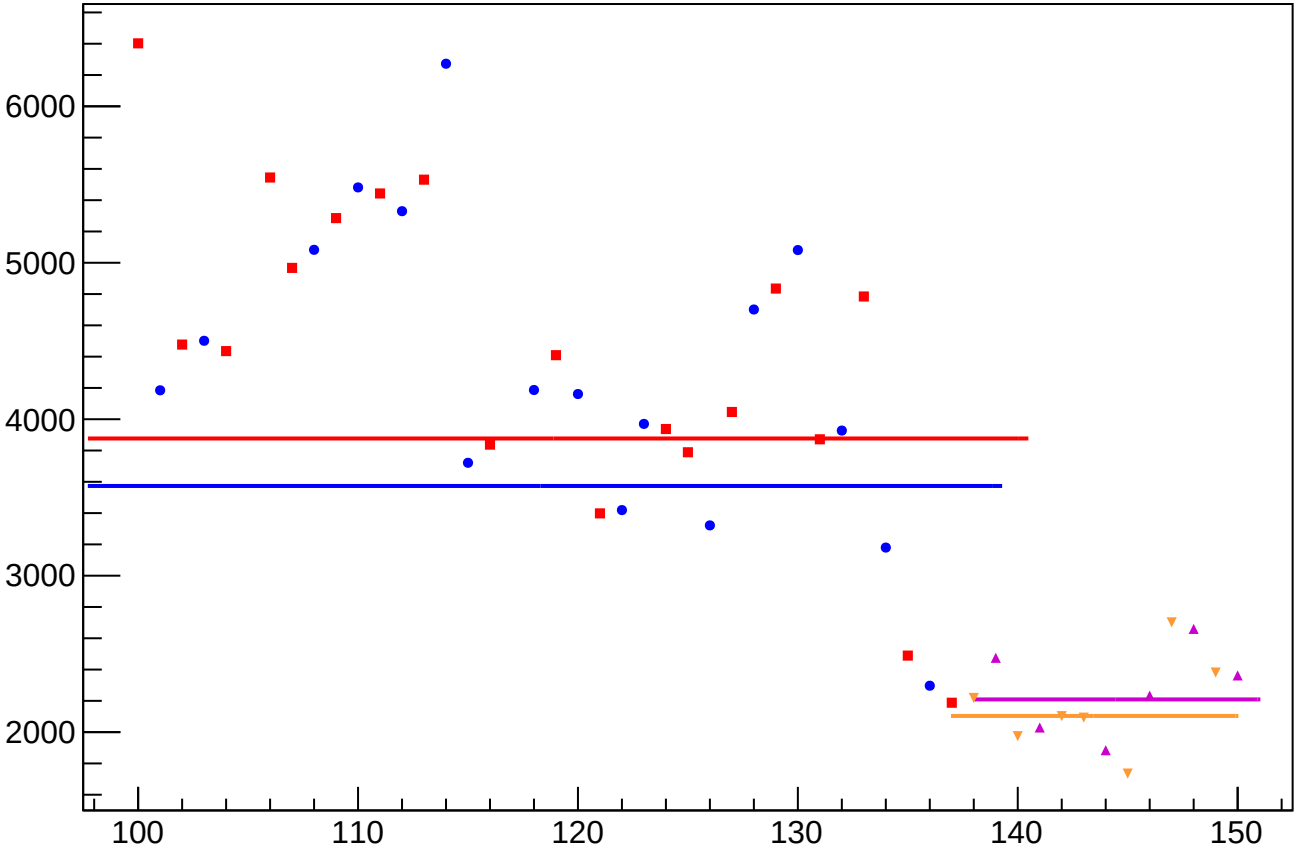
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 1327.937+/-820.801 χ^2/NDF:28.5/22

Out: 715.259+/-806.707 χ^2/NDF:26.0/25

All: 1016.293+/-575.346 χ^2/NDF: 54.7/48

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2103.572+/-0.675 χ^2/NDF:177156.0/6

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2209.129+/-0.706 χ^2/NDF:135522.5/5

Left: 2153.988+/-0.488 χ^2/NDF: 324347.5/12

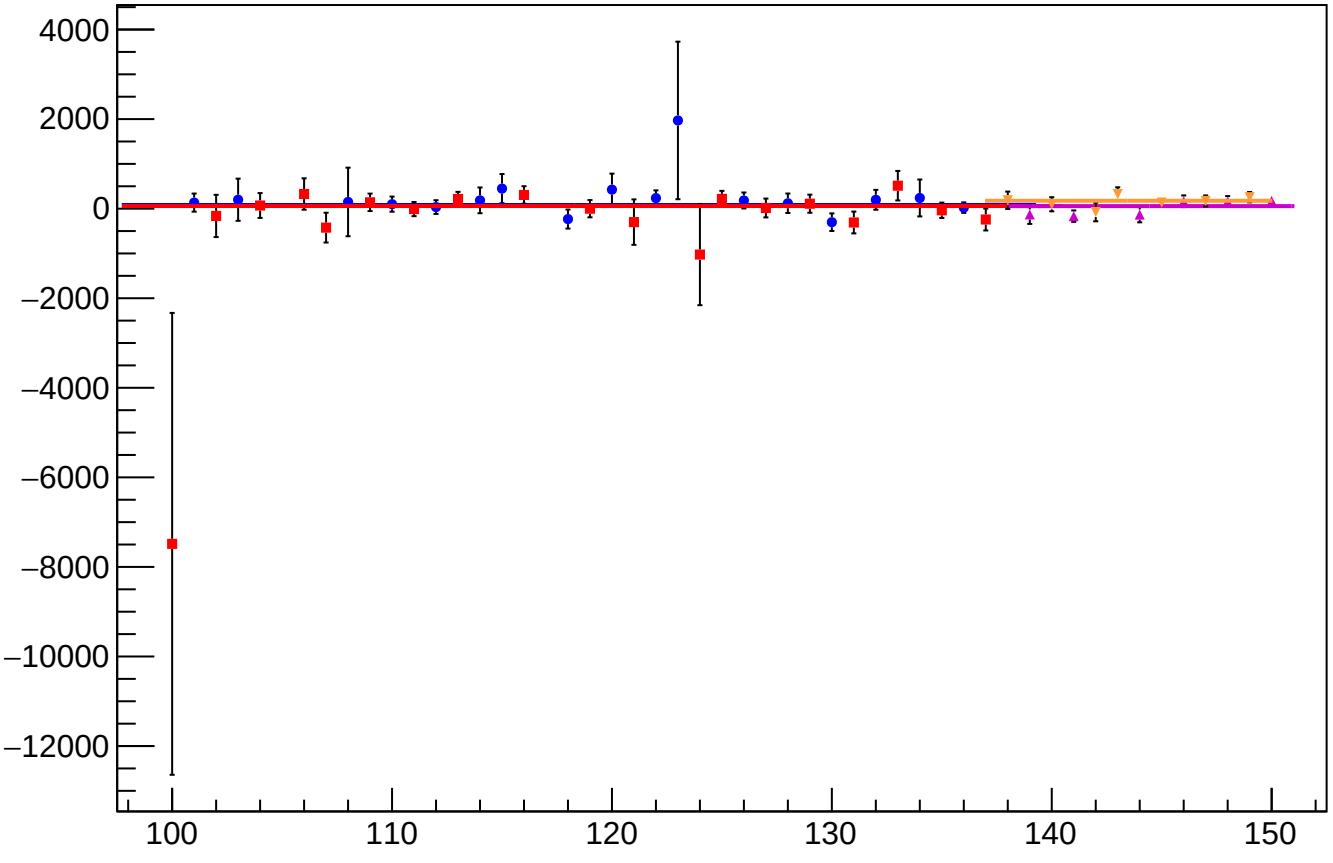
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2652.103+/-0.580 χ^2/NDF:2435870.7/22

Out: 2611.685+/-0.570 χ^2/NDF:3141298.5/25

All: 2631.544+/-0.407 χ^2/NDF: 5579636.1/48

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 176.598+/-53.030 χ^2/NDF:3.3/6

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 57.015+/-54.430 χ^2/NDF:7.7/5

Left: 118.364+/-37.983 χ^2/NDF: 13.5/12

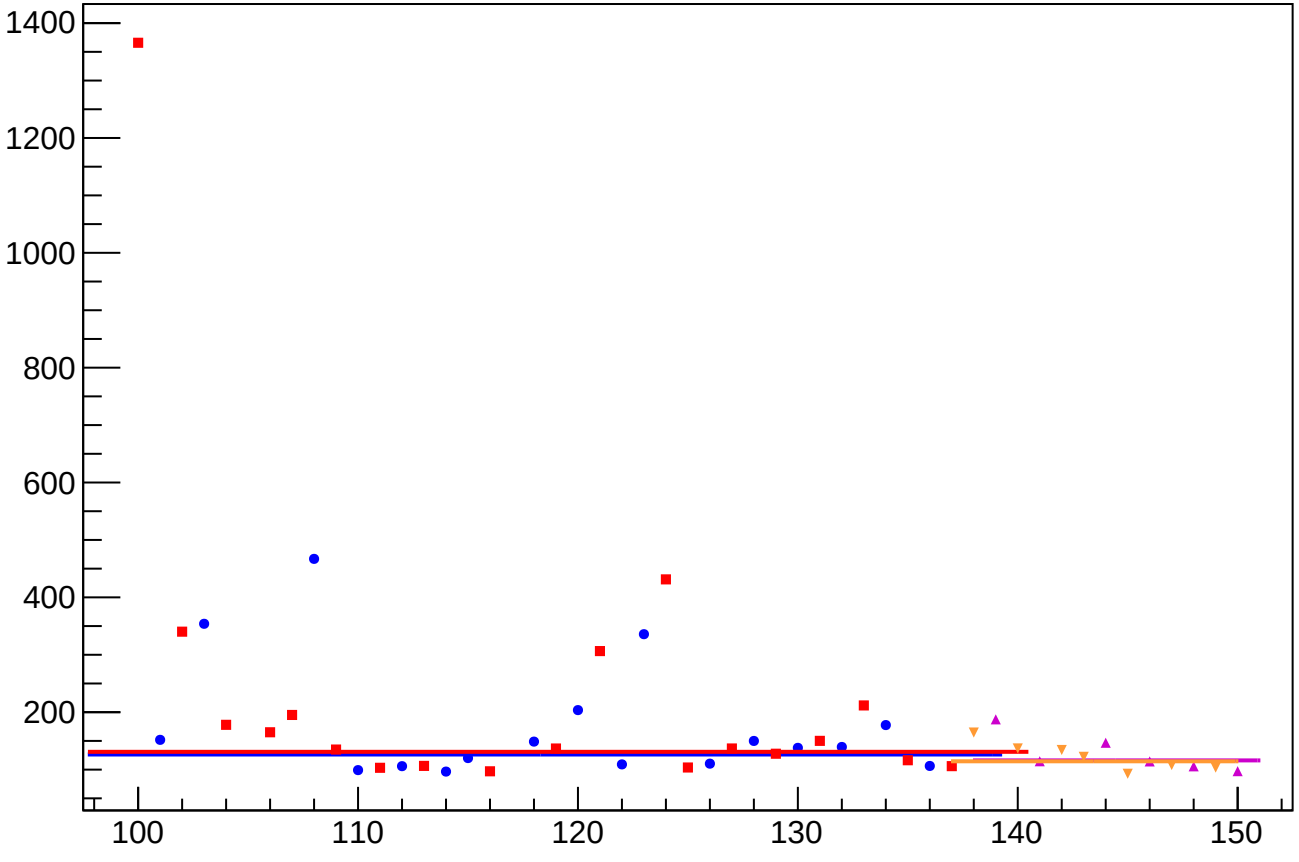
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 70.021+/-37.564 χ^2/NDF:19.4/22

Out: 117.953+/-37.546 χ^2/NDF:22.1/25

All: 93.999+/-26.555 χ^2/NDF: 42.3/48

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 114.504+/-0.037 χ^2/NDF:297501.7/6

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 116.055+/-0.038 χ^2/NDF:370774.0/5

Left: 115.259+/-0.027 χ^2/NDF: 669109.6/12

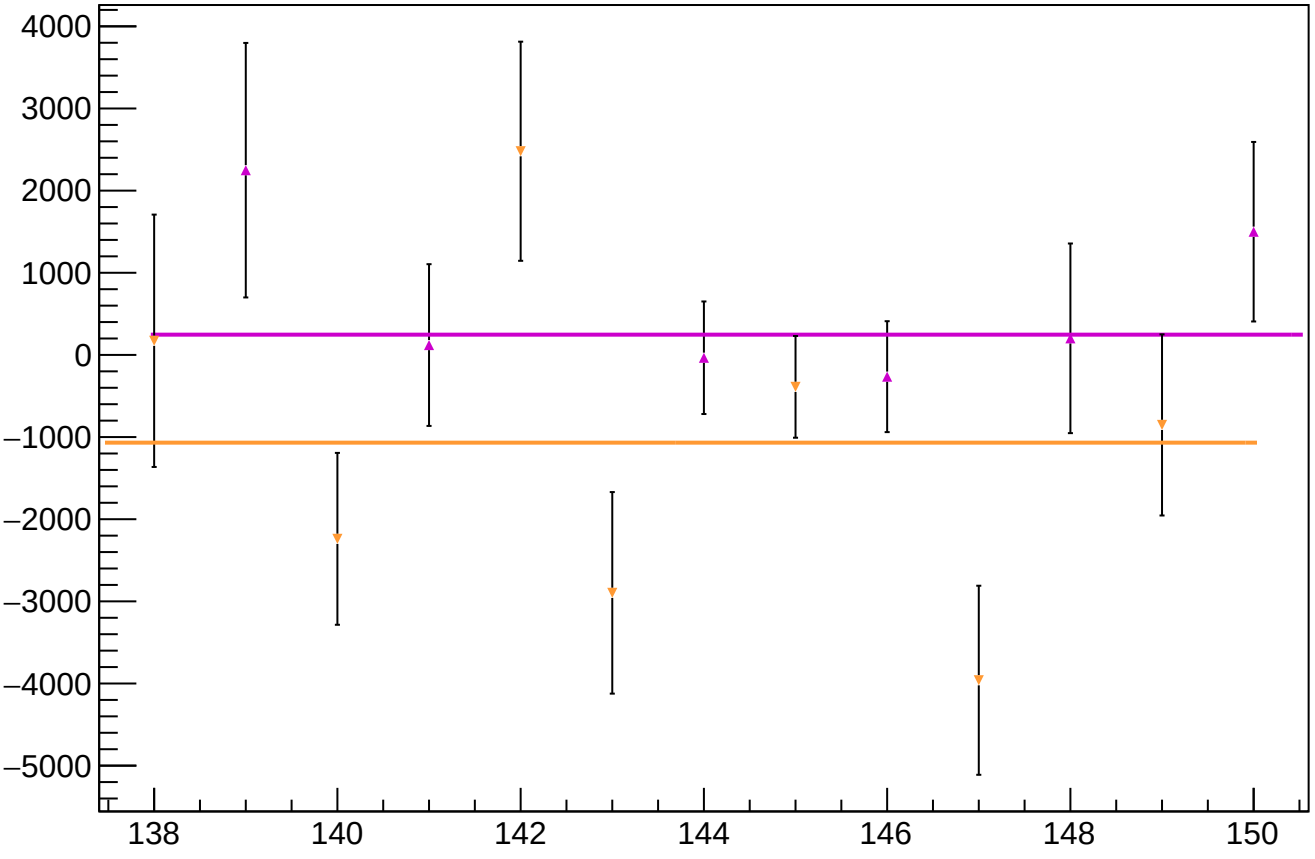
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 121.441+/-0.027 χ^2/NDF:1718749.1/22

Out: 122.734+/-0.027 χ^2/NDF:1823366.6/25

All: 122.088+/-0.019 χ^2/NDF: 3543301.5/48

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1067.948+/-384.888 χ^2/NDF:18.8/6

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

Left In: 246.618+/-368.590 χ^2/NDF:3.7/5

Left: -382.244+/-266.208 χ^2/NDF: 28.6/12

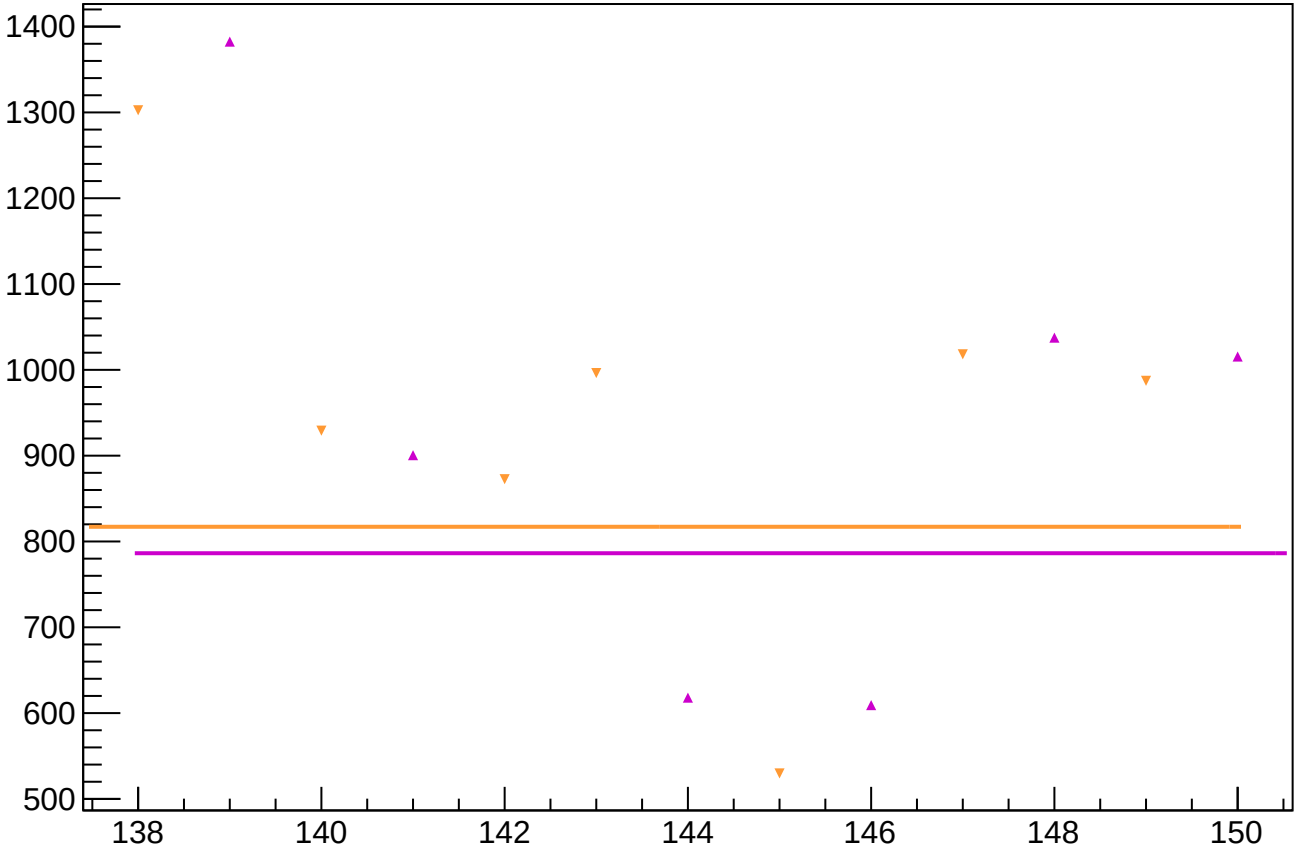
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 246.618+/-368.590 χ^2/NDF:3.7/5

Out: -1067.948+/-384.888 χ^2/NDF:18.8/6

All: -382.244+/-266.208 χ^2/NDF: 28.6/12

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 817.134+/-0.272 χ^2/NDF:808380.6/6

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

Left In: 786.309+/-0.261 χ^2/NDF:764044.4/5

Left: 801.055+/-0.188 χ^2/NDF: 1579116.5/12

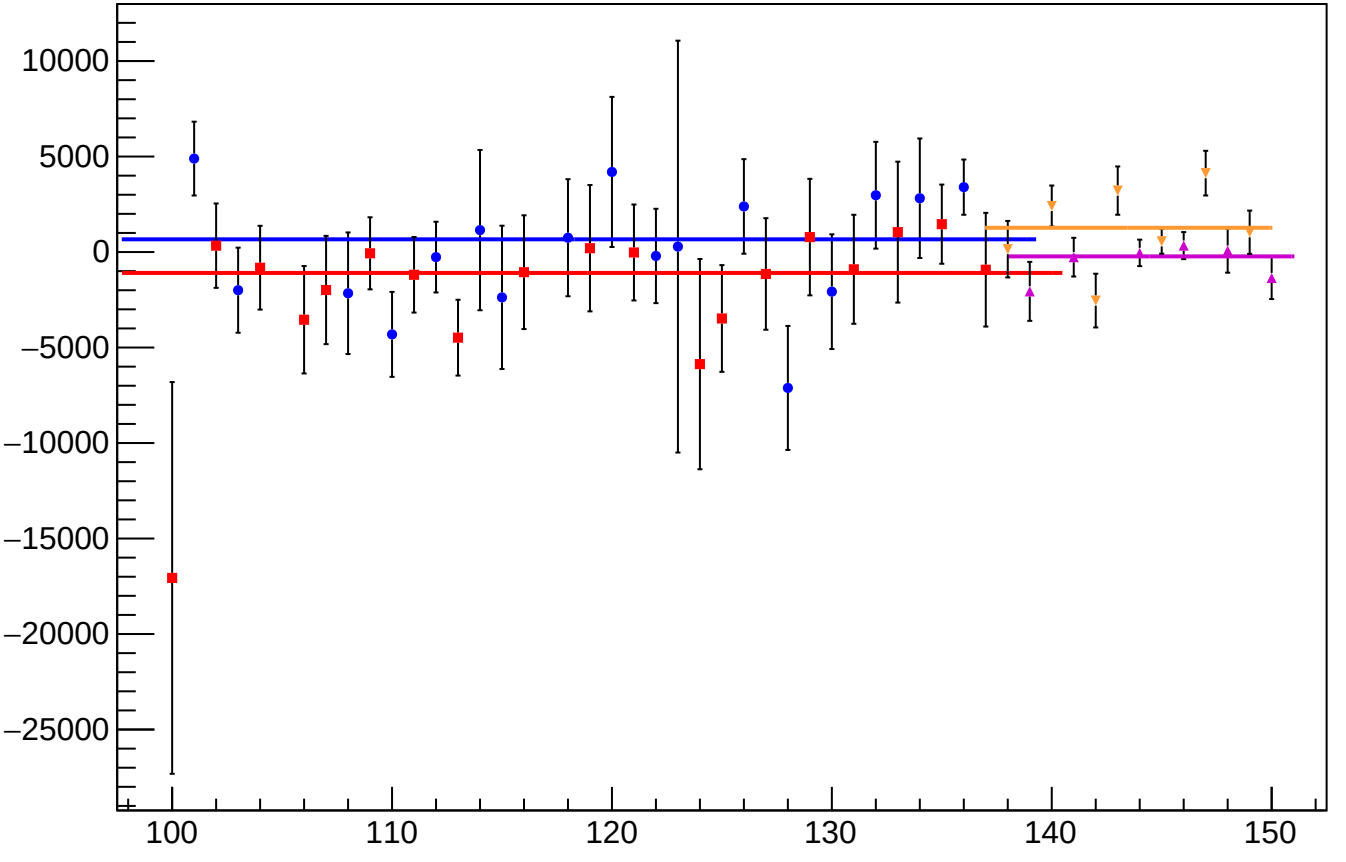
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 786.309+/-0.261 χ^2/NDF:764044.4/5

Out: 817.134+/-0.272 χ^2/NDF:808380.6/6

All: 801.055+/-0.188 χ^2/NDF: 1579116.5/12

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1270.881+/-397.324 χ^2/NDF:18.6/6

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -227.768+/-376.878 χ^2/NDF:3.2/5

Left: 482.004+/-273.435 χ^2/NDF: 29.4/12

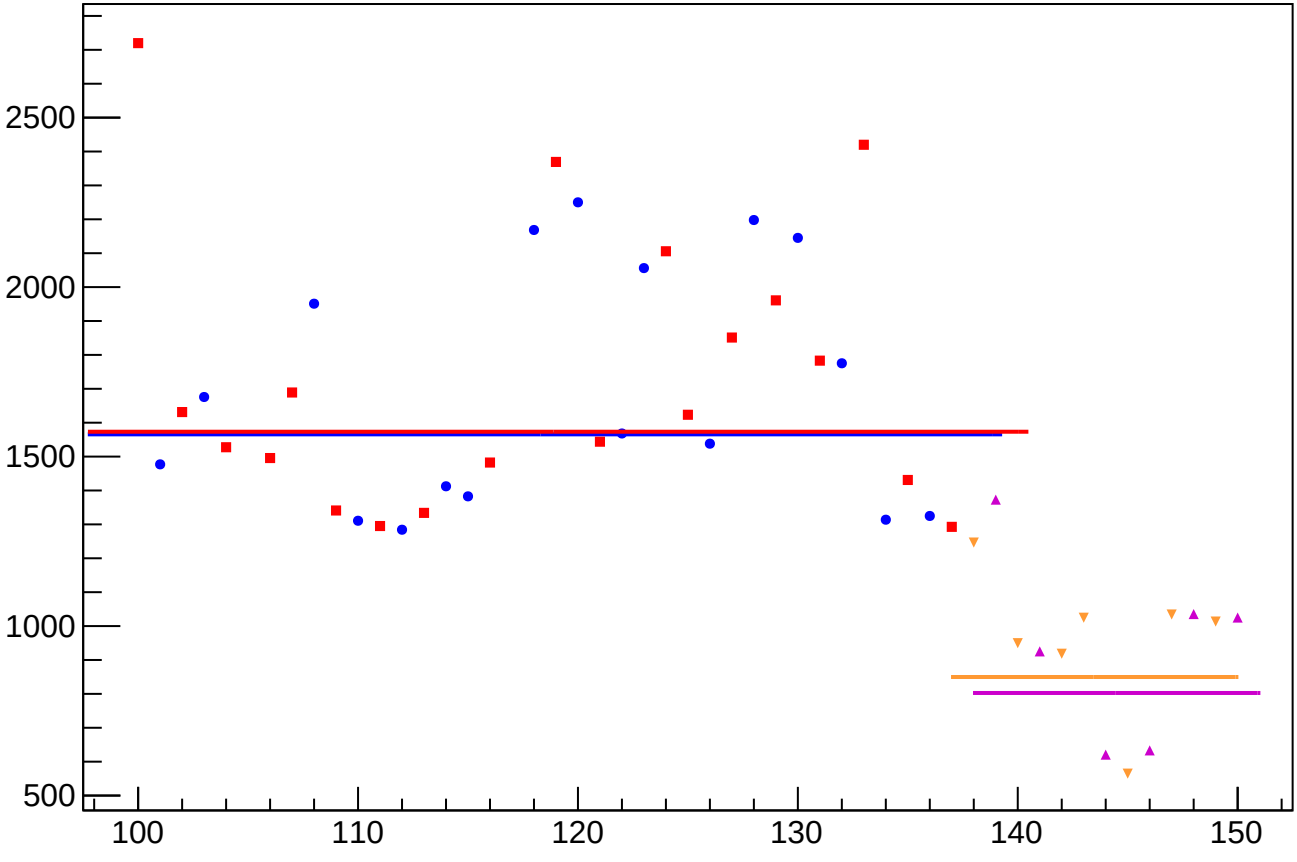
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 14.161+/-321.884 χ^2/NDF:30.4/22

Out: 554.277+/-331.716 χ^2/NDF:40.4/25

All: 276.095+/-231.004 χ^2/NDF: 72.1/48

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 849.743+/-0.281 χ^2/NDF:680069.6/6

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 802.636+/-0.266 χ^2/NDF:717170.6/5

Left: 824.946+/-0.193 χ^2/NDF: 1412038.5/12

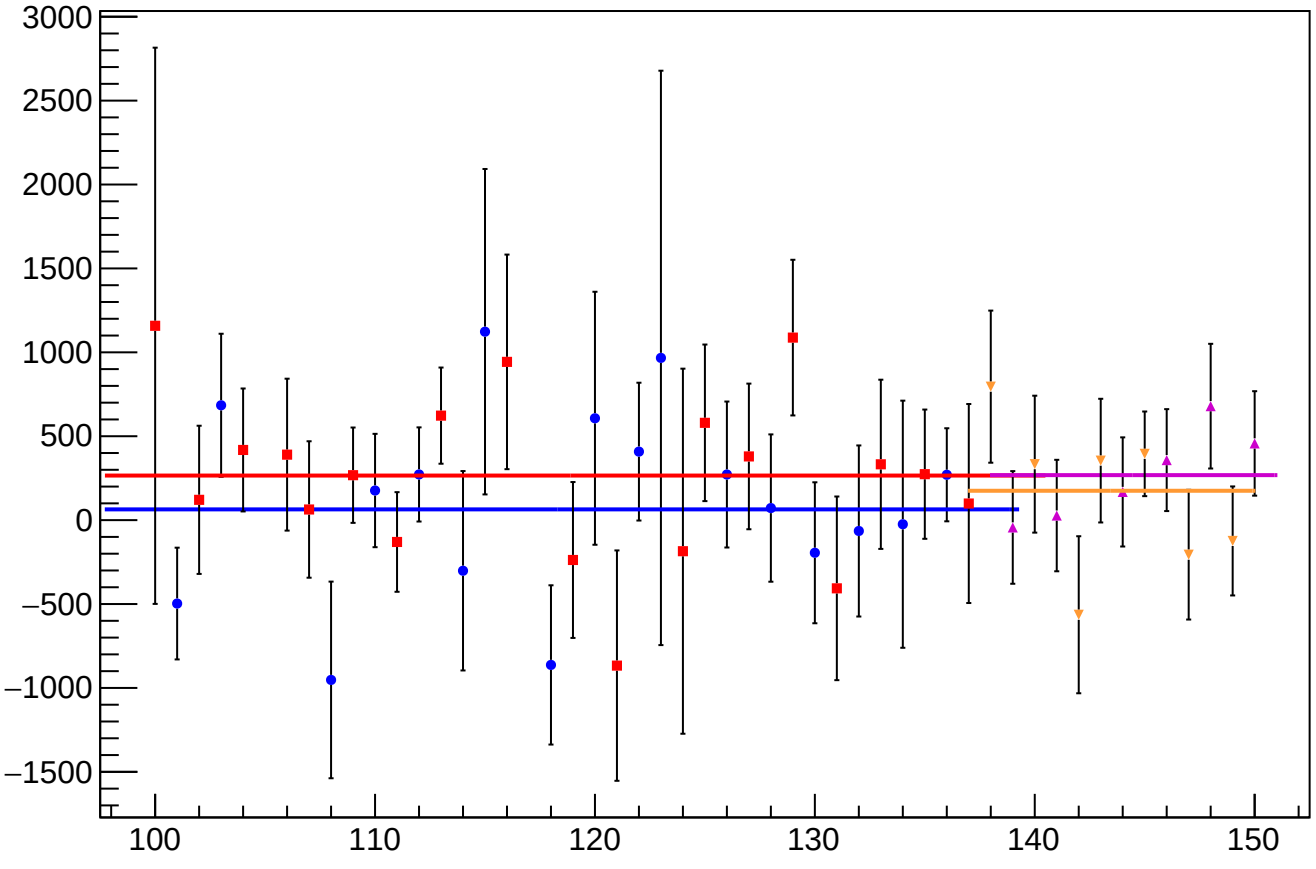
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 1009.060+/-0.228 χ^2/NDF:3425676.1/22

Out: 1068.988+/-0.235 χ^2/NDF:3152048.6/25

All: 1038.123+/-0.163 χ^2/NDF: 6611345.7/48

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 175.014+/-135.212 χ^2/NDF:7.3/6

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 268.187+/-133.864 χ^2/NDF:3.2/5

Left: 222.067+/-95.129 χ^2/NDF: 10.7/12

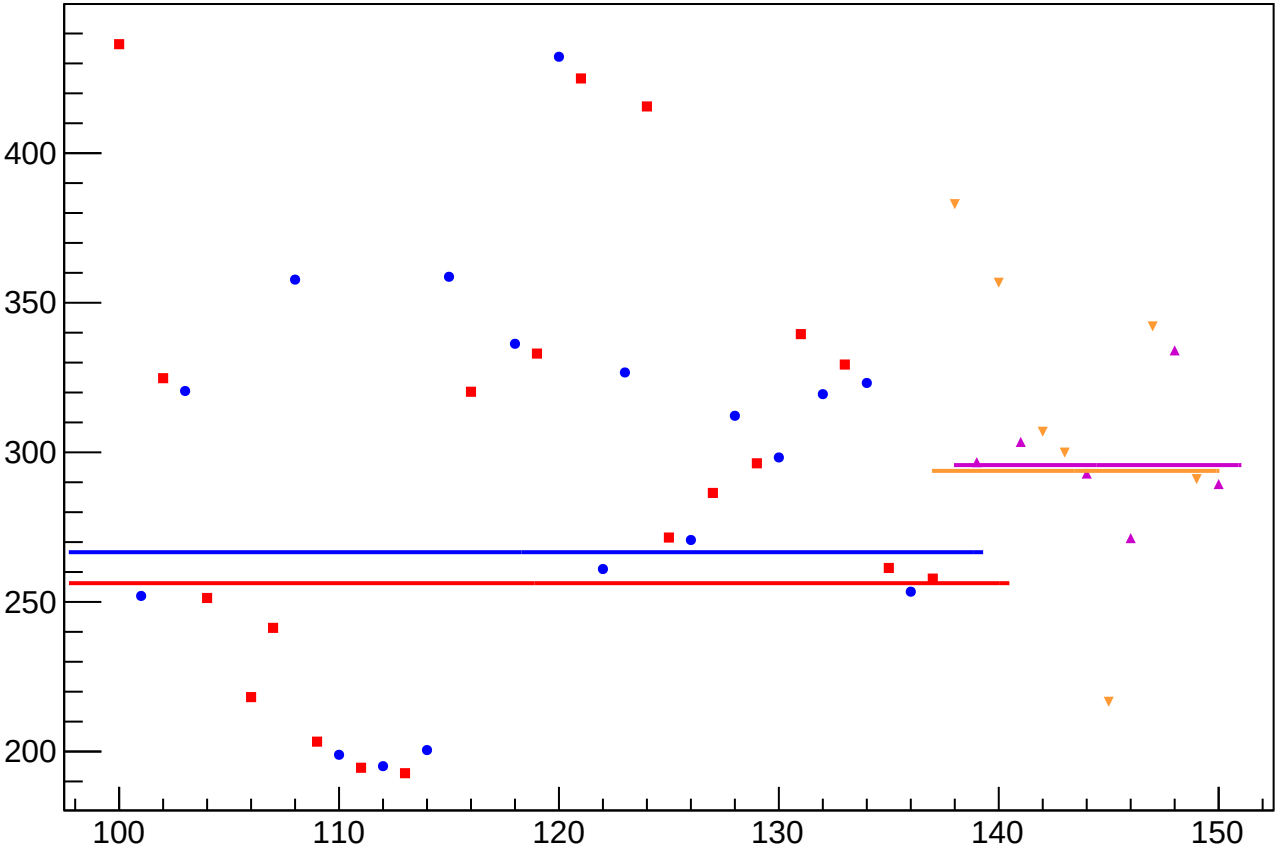
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 142.137+/-82.781 χ^2/NDF:21.4/22

Out: 233.868+/-80.077 χ^2/NDF:22.3/25

All: 189.525+/-57.555 χ^2/NDF: 44.3/48

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 293.805+/-0.096 χ^2/NDF:345677.0/6

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 295.739+/-0.095 χ^2/NDF:36294.9/5

Left: 294.782+/-0.067 χ^2/NDF: 382178.5/12

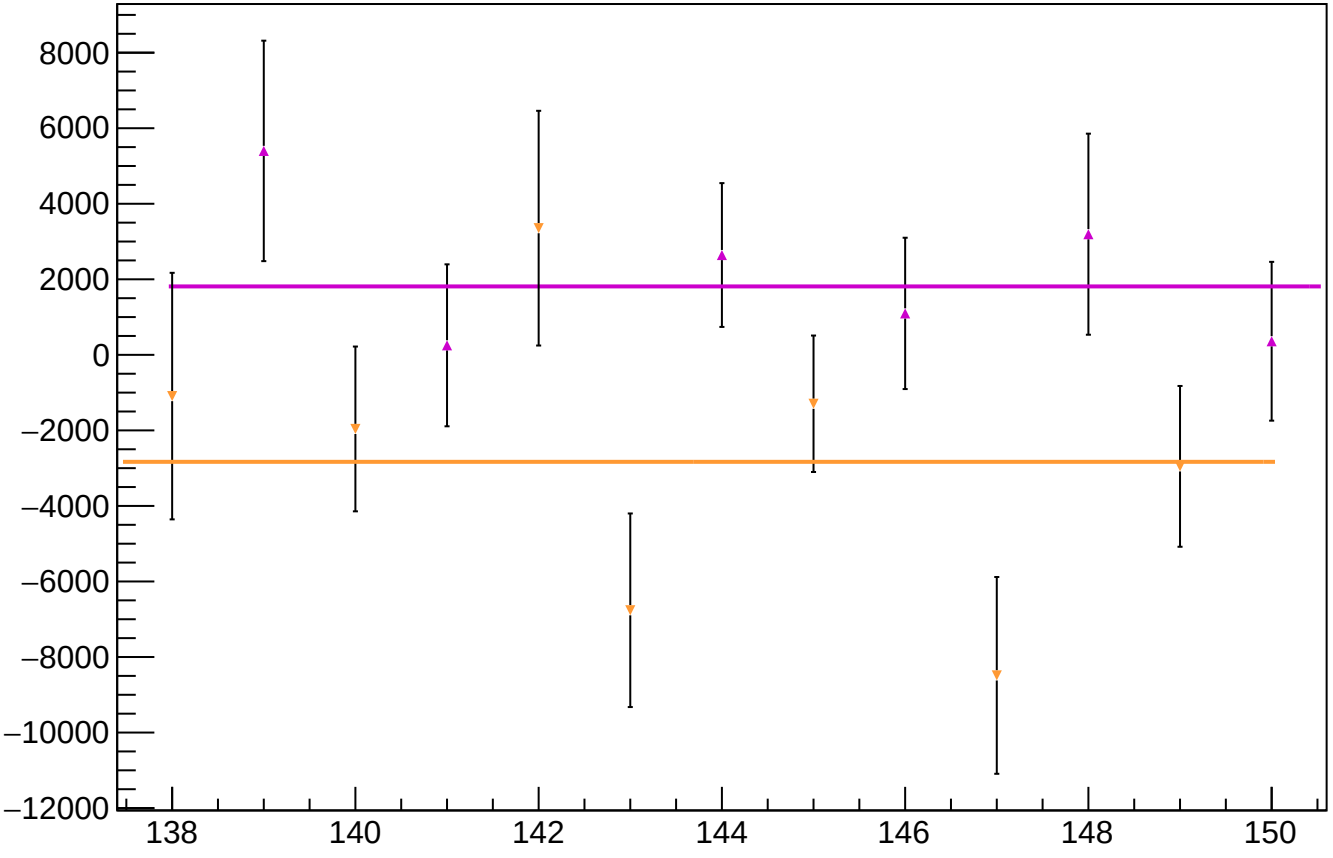
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 277.758+/-0.059 χ^2/NDF:645476.9/22

Out: 269.434+/-0.057 χ^2/NDF:1142650.8/25

All: 273.458+/-0.041 χ^2/NDF: 1798575.3/48

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2832.279+/-900.060 χ^2/NDF:12.2/6

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

Left In: 1811.680+/-902.579 χ^2/NDF:3.1/5

Left: -516.790+/-637.327 χ^2/NDF: 28.6/12

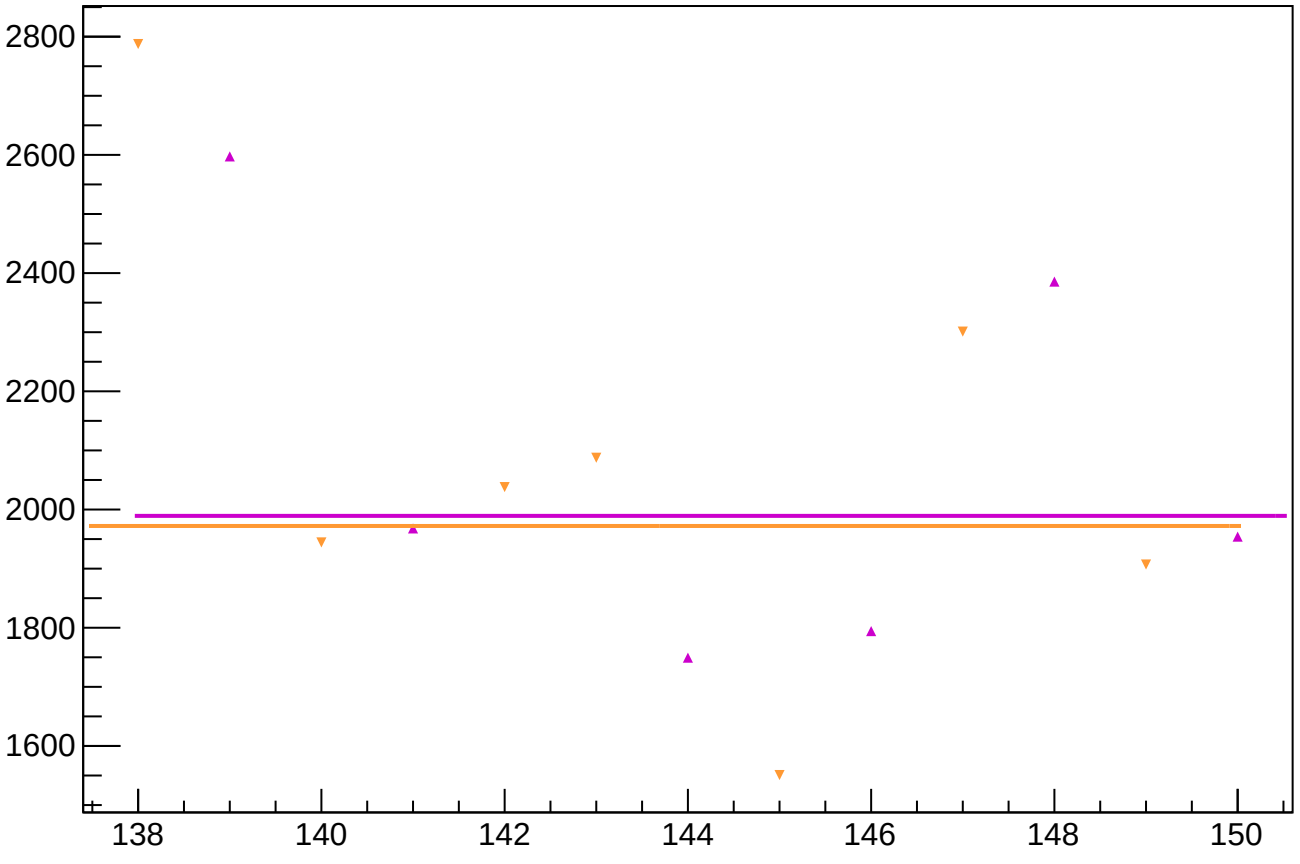
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1811.680+/-902.579 χ^2/NDF:3.1/5

Out: -2832.279+/-900.060 χ^2/NDF:12.2/6

All: -516.790+/-637.327 χ^2/NDF: 28.6/12

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 1972.175+/-0.636 χ^2/NDF:272701.4/6

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

Left In: 1989.276+/-0.638 χ^2/NDF:182648.3/5

Left: 1980.701+/-0.451 χ^2/NDF: 455709.6/12

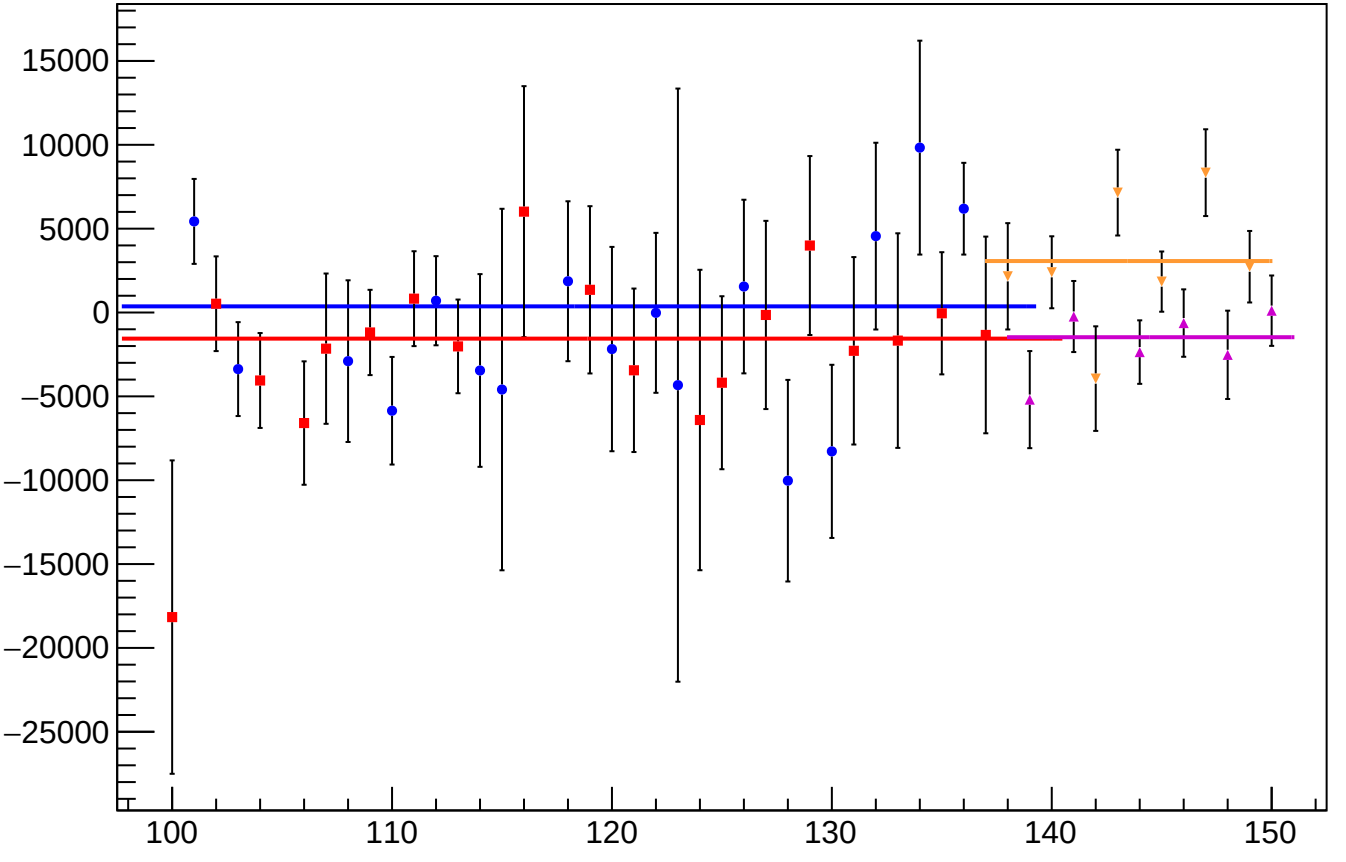
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1989.276+/-0.638 χ^2/NDF:182648.3/5

Out: 1972.175+/-0.636 χ^2/NDF:272701.4/6

All: 1980.701+/-0.451 χ^2/NDF: 455709.6/12

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3068.500+/-893.730 χ^2/NDF:12.4/6

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -1473.029+/-898.117 χ^2/NDF:3.1/5

Left: 808.852+/-633.508 χ^2/NDF: 28.4/12

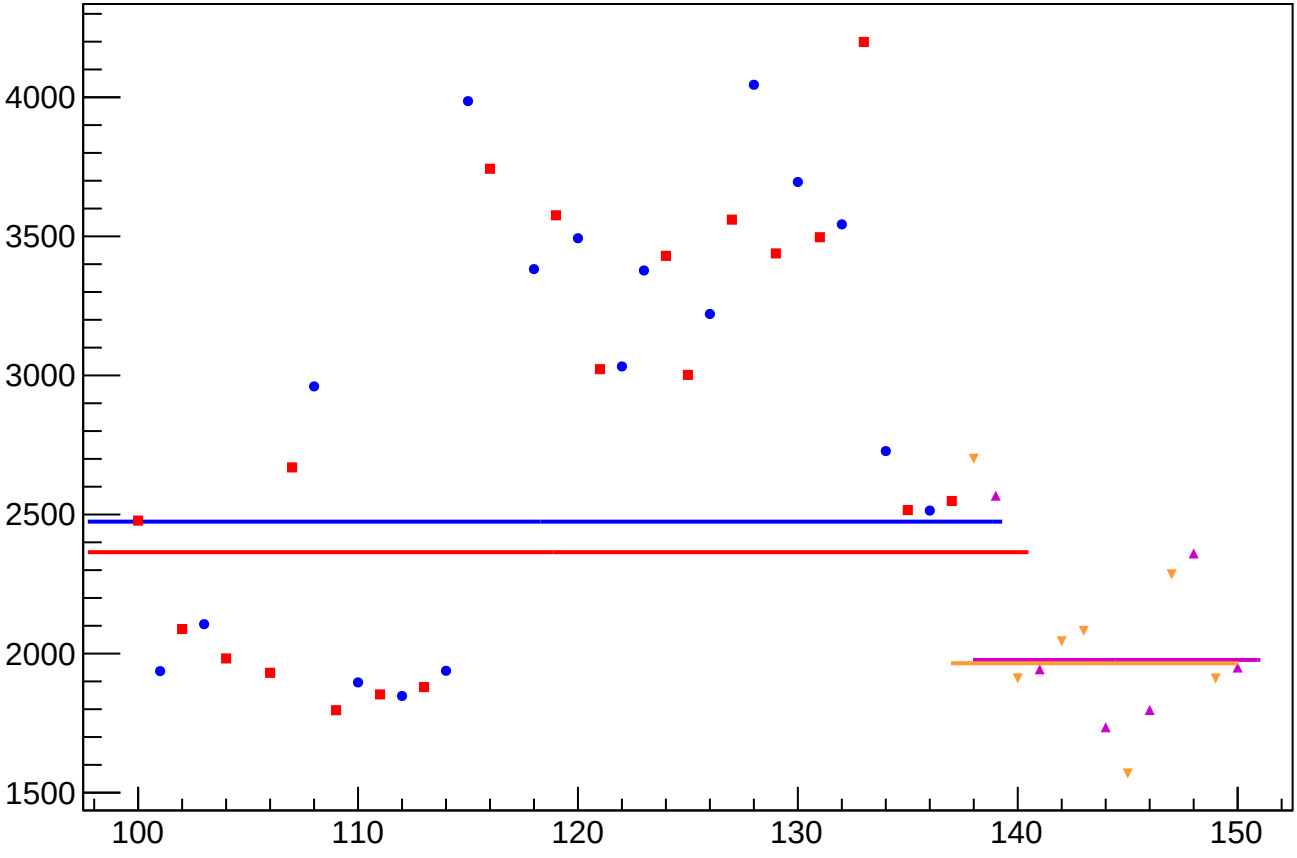
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -644.872+/-665.933 χ^2/NDF:29.2/22

Out: 832.573+/-642.398 χ^2/NDF:35.9/25

All: 120.418+/-462.340 χ^2/NDF: 67.6/48

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 1965.218+/-0.632 χ^2/NDF:243468.5/6

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 1977.207+/-0.635 χ^2/NDF:175073.8/5

Left: 1971.183+/-0.448 χ^2/NDF: 418721.4/12

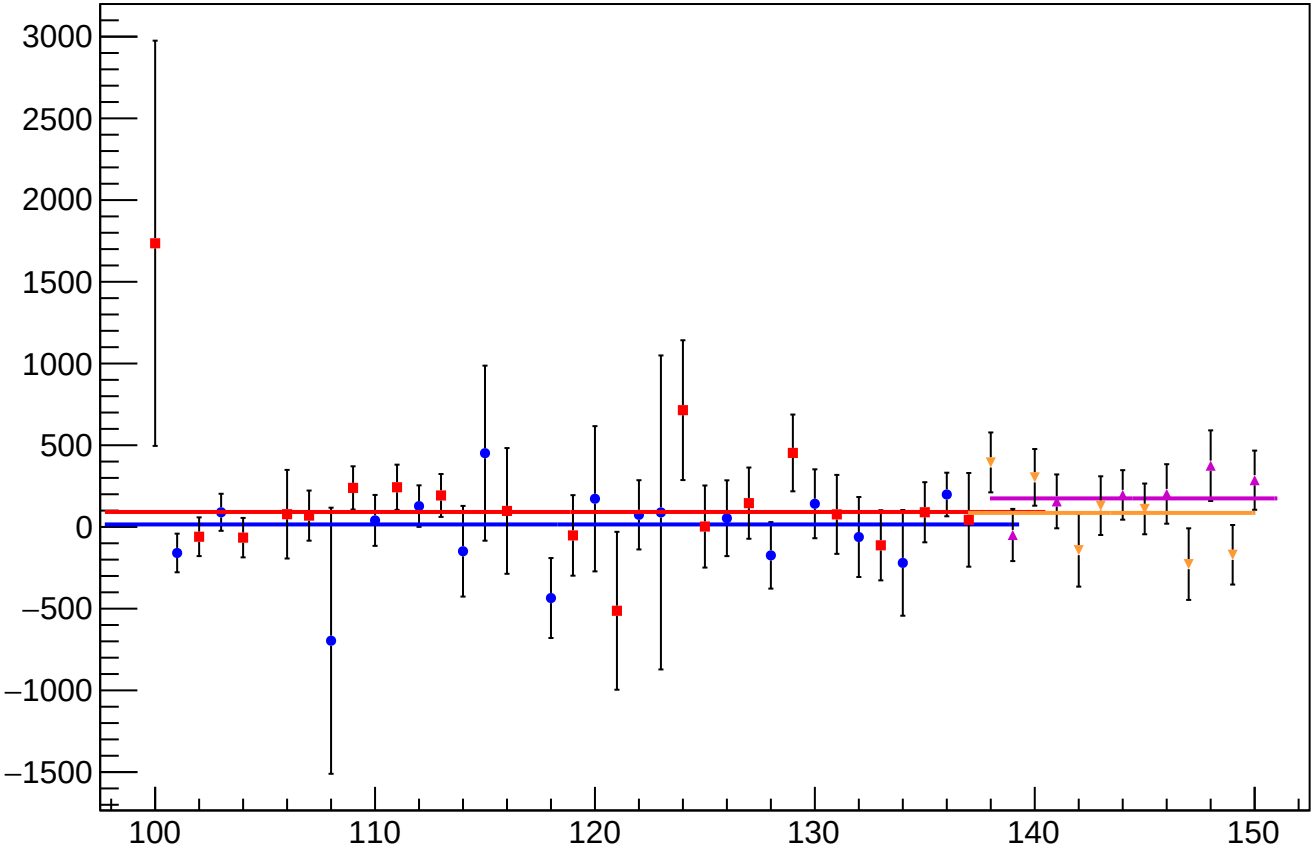
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2201.044+/-0.471 χ^2/NDF:1357274.0/22

Out: 2158.215+/-0.454 χ^2/NDF:1459826.0/25

All: 2178.859+/-0.327 χ^2/NDF: 2821385.3/48

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 85.955+/-69.582 χ^2/NDF:9.6/6

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 174.625+/-70.409 χ^2/NDF:3.3/5

Left: 129.766+/-49.492 χ^2/NDF: 13.6/12

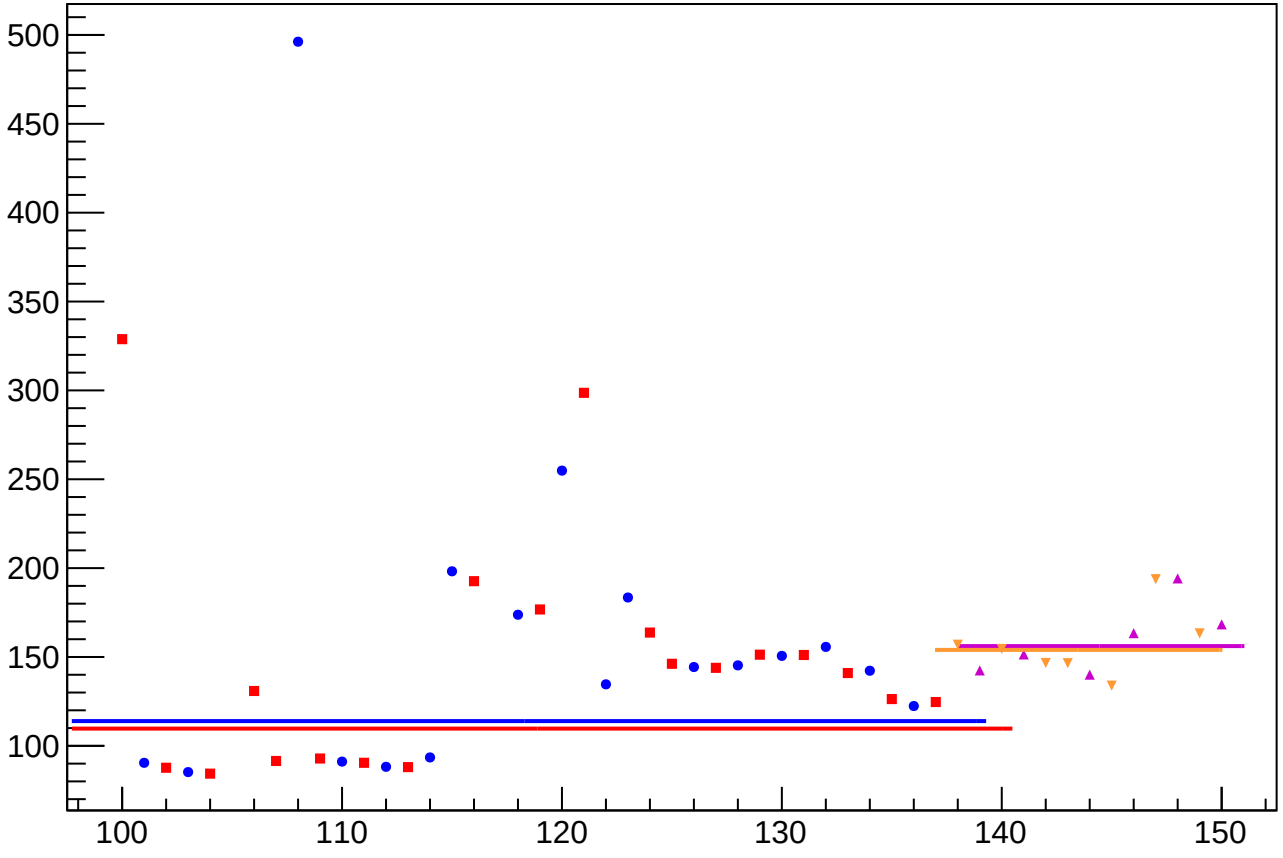
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 63.607+/-38.769 χ^2/NDF:19.4/22

Out: 90.048+/-36.774 χ^2/NDF:25.2/25

All: 77.525+/-26.681 χ^2/NDF: 44.9/48

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 153.989+/-0.049 χ^2/NDF:110977.9/6

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 156.129+/-0.050 χ^2/NDF:113366.1/5

Left: 155.046+/-0.035 χ^2/NDF: 225279.0/12

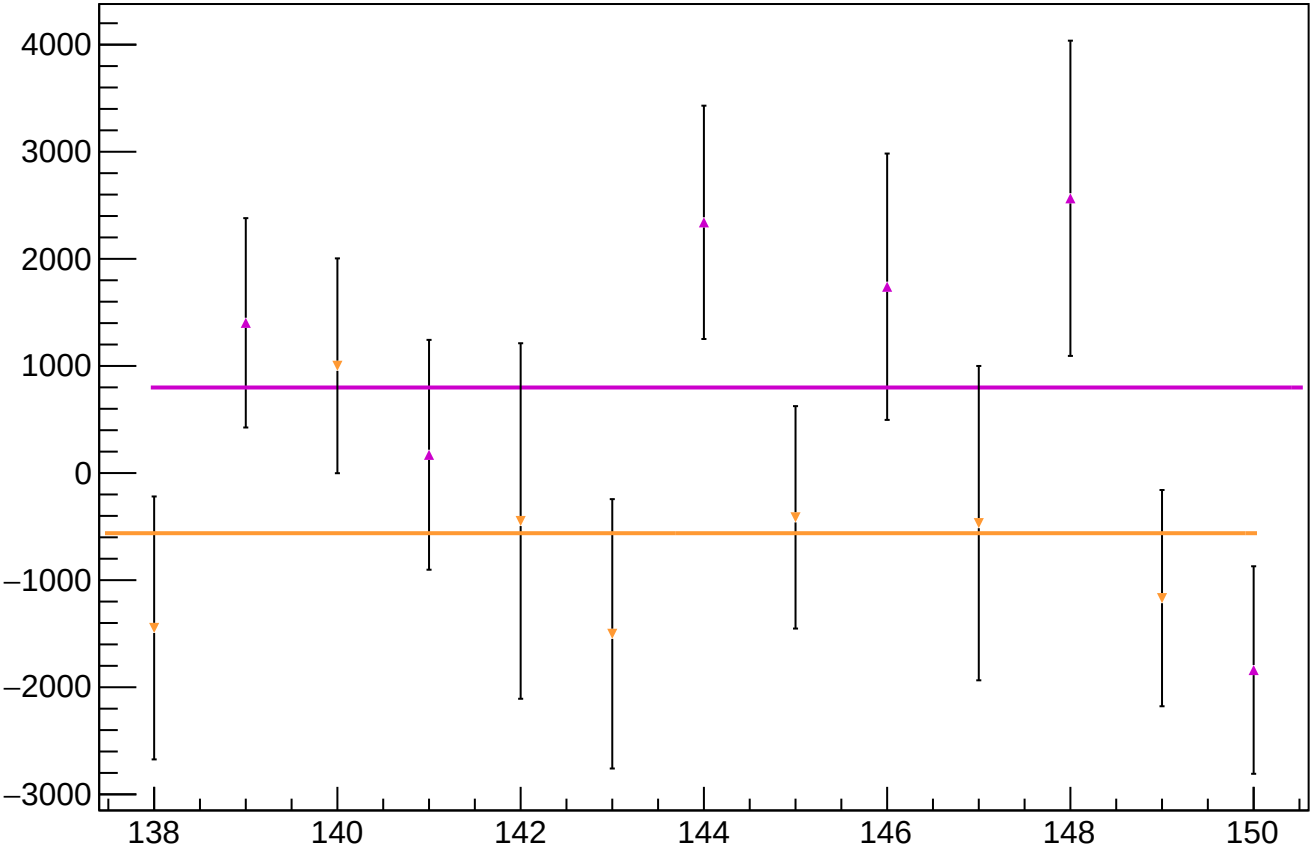
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 126.725+/-0.027 χ^2/NDF:2021782.5/22

Out: 122.077+/-0.026 χ^2/NDF:1936684.6/25

All: 124.279+/-0.019 χ^2/NDF: 3973599.9/48

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -561.581+/-446.066 χ^2/NDF:3.9/6

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

Left In: 798.800+/-450.291 χ^2/NDF:12.2/5

Left: 112.197+/-316.899 χ^2/NDF: 20.7/12

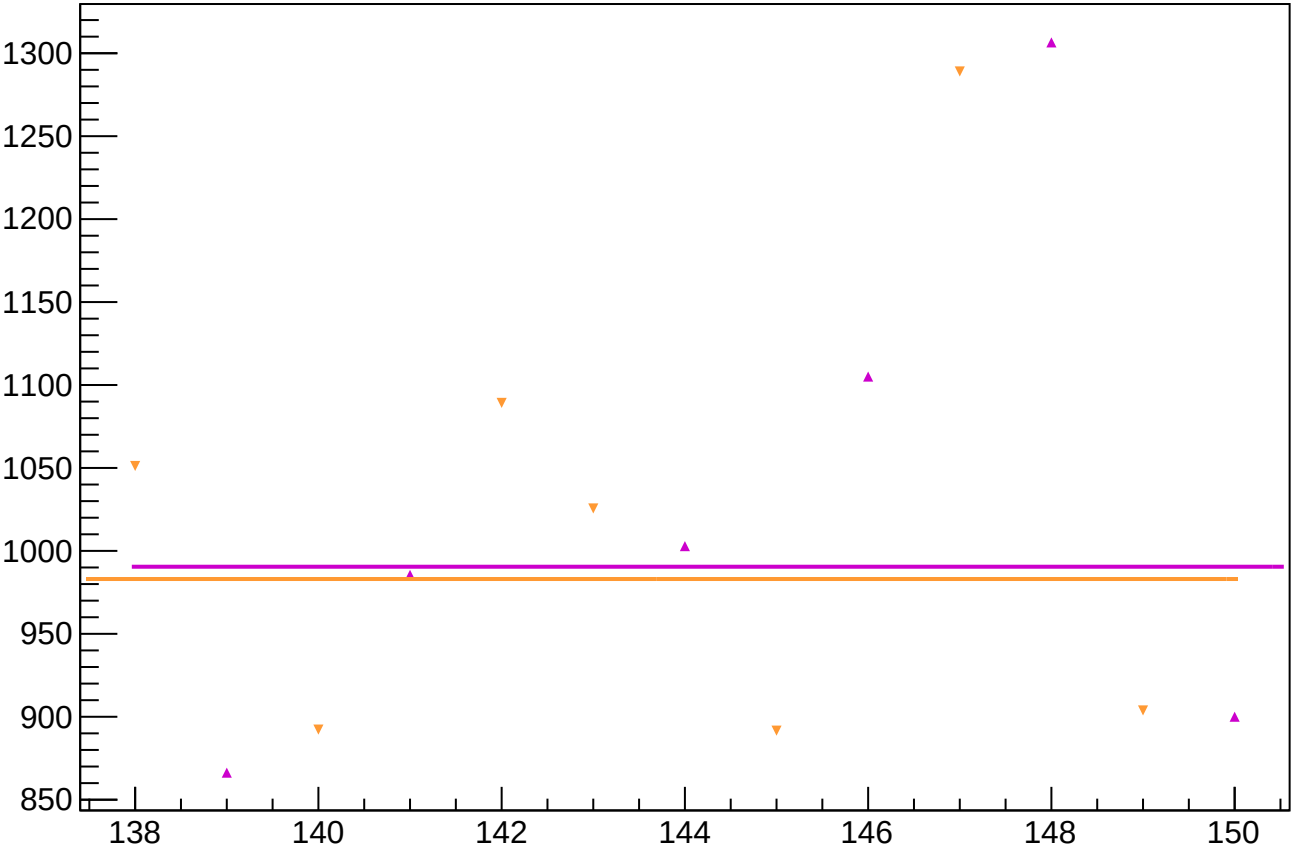
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 798.800+/-450.291 χ^2/NDF:12.2/5

Out: -561.581+/-446.066 χ^2/NDF:3.9/6

All: 112.197+/-316.899 χ^2/NDF: 20.7/12

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 983.046+/-0.315 χ^2/NDF:147774.0/6

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

Left In: 990.455+/-0.318 χ^2/NDF:159229.0/5

Left: 986.716+/-0.224 χ^2/NDF: 307276.4/12

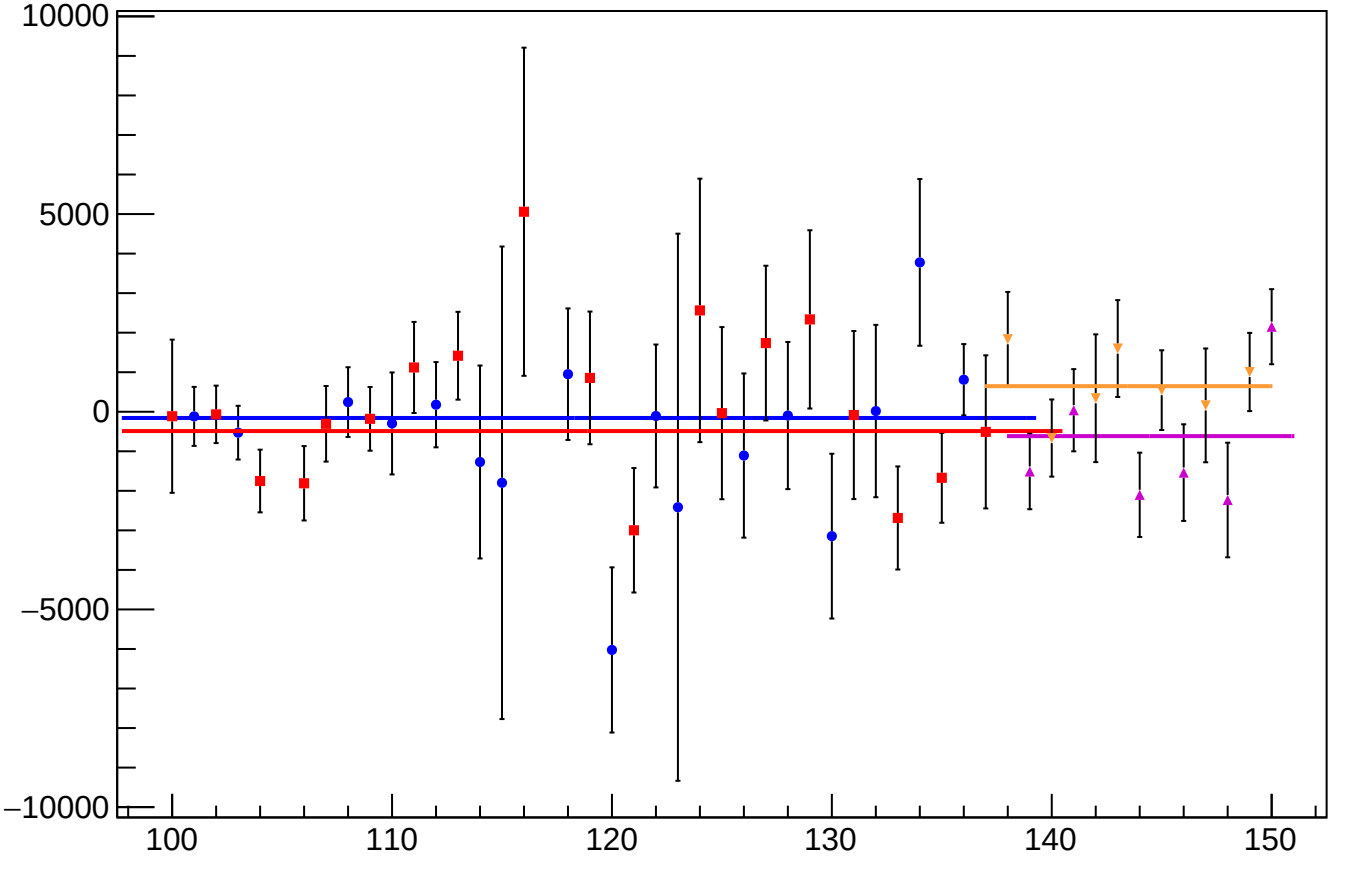
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 990.455+/-0.318 χ^2/NDF:159229.0/5

Out: 983.046+/-0.315 χ^2/NDF:147774.0/6

All: 986.716+/-0.224 χ^2/NDF: 307276.4/12

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 647.232+/-434.911 χ^2/NDF:3.7/6

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -616.363+/-440.304 χ^2/NDF:13.5/5

Left: 23.221+/-309.418 χ^2/NDF: 21.4/12

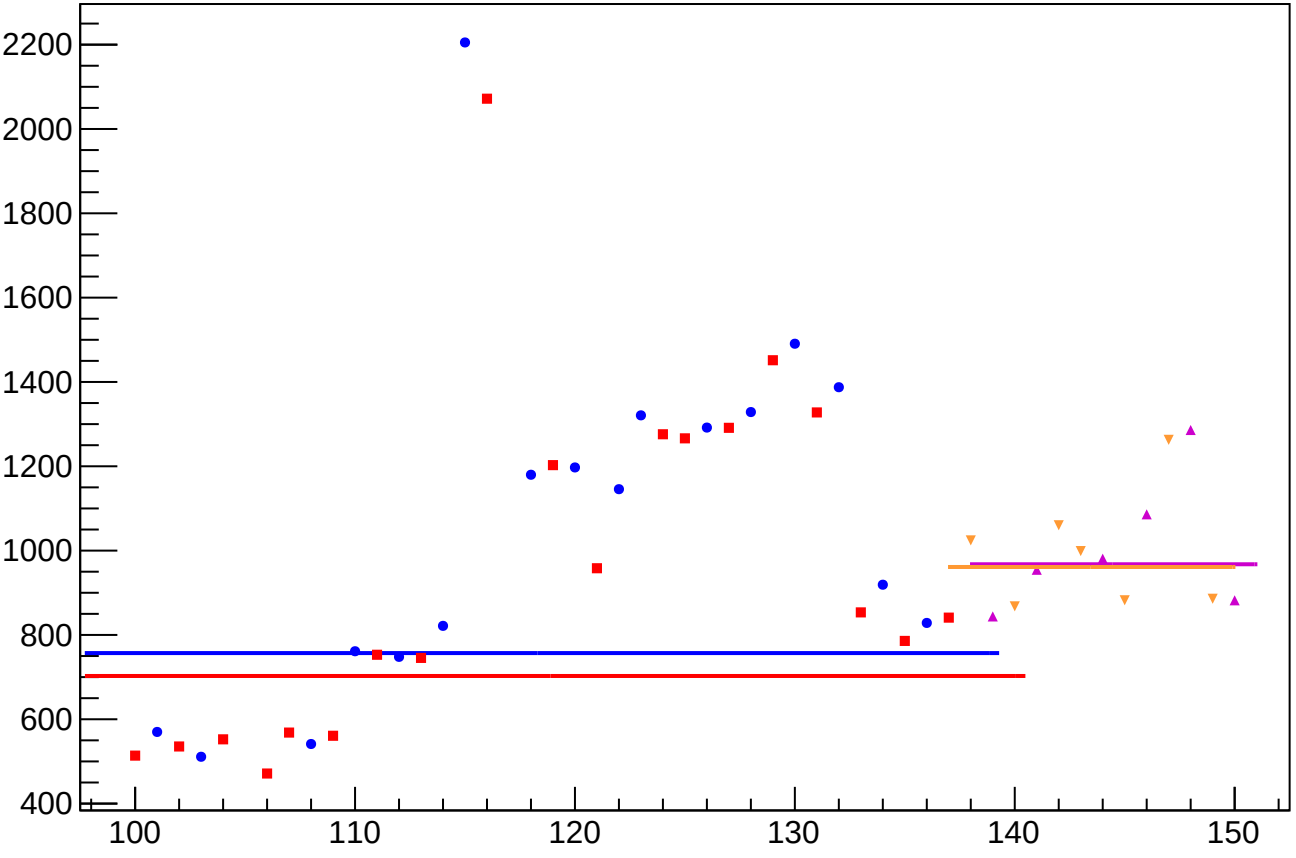
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -310.998+/-254.839 χ^2/NDF:30.5/22

Out: -151.121+/-237.060 χ^2/NDF:31.1/25

All: -225.289+/-173.572 χ^2/NDF: 61.8/48

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 961.169+/-0.308 χ^2/NDF:144987.5/6

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 967.609+/-0.311 χ^2/NDF:165842.5/5

Left: 964.349+/-0.219 χ^2/NDF: 311046.5/12

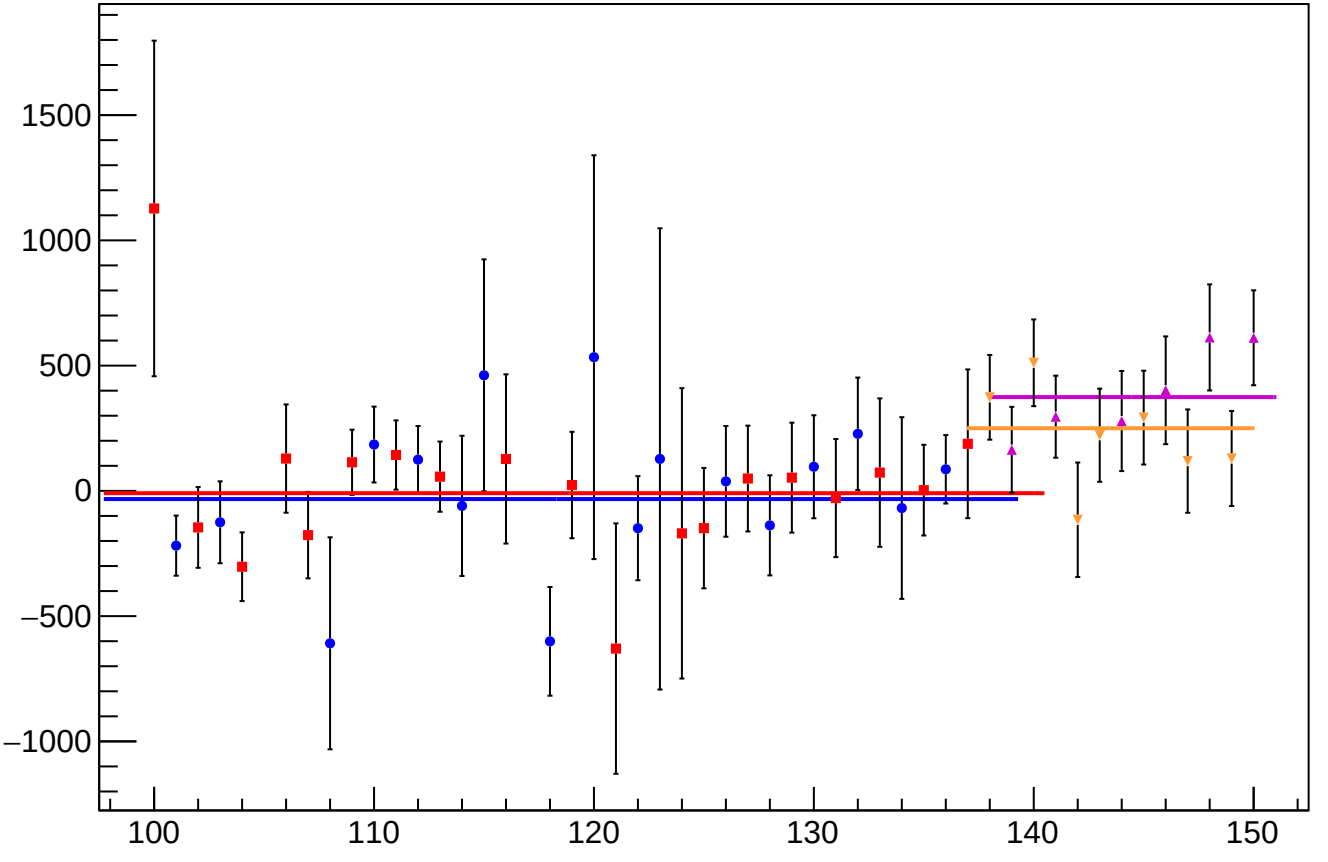
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 827.541+/-0.180 χ^2/NDF:2181477.7/22

Out: 779.463+/-0.168 χ^2/NDF:2331252.4/25

All: 801.766+/-0.123 χ^2/NDF: 4550892.1/48

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 250.010+/-71.381 χ^2/NDF:6.3/6

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 374.392+/-77.085 χ^2/NDF:4.8/5

Left: 307.429+/-52.375 χ^2/NDF: 12.5/12

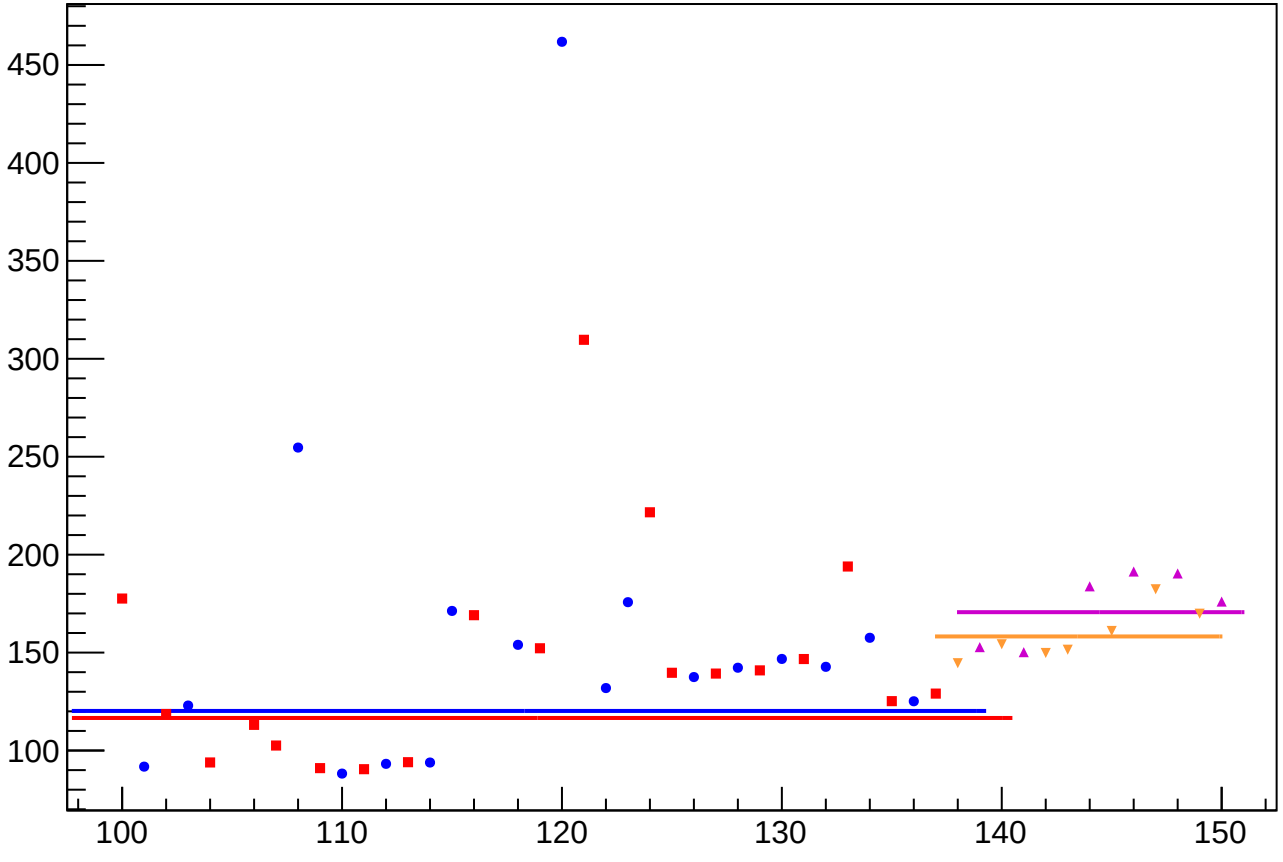
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 82.519+/-41.009 χ^2/NDF:44.5/22

Out: 65.869+/-38.428 χ^2/NDF:30.3/25

All: 73.654+/-28.041 χ^2/NDF: 74.9/48

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 158.240+/-0.050 χ^2/NDF:54746.2/6

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 170.633+/-0.055 χ^2/NDF:99271.4/5

Left: 163.961+/-0.037 χ^2/NDF: 181848.4/12

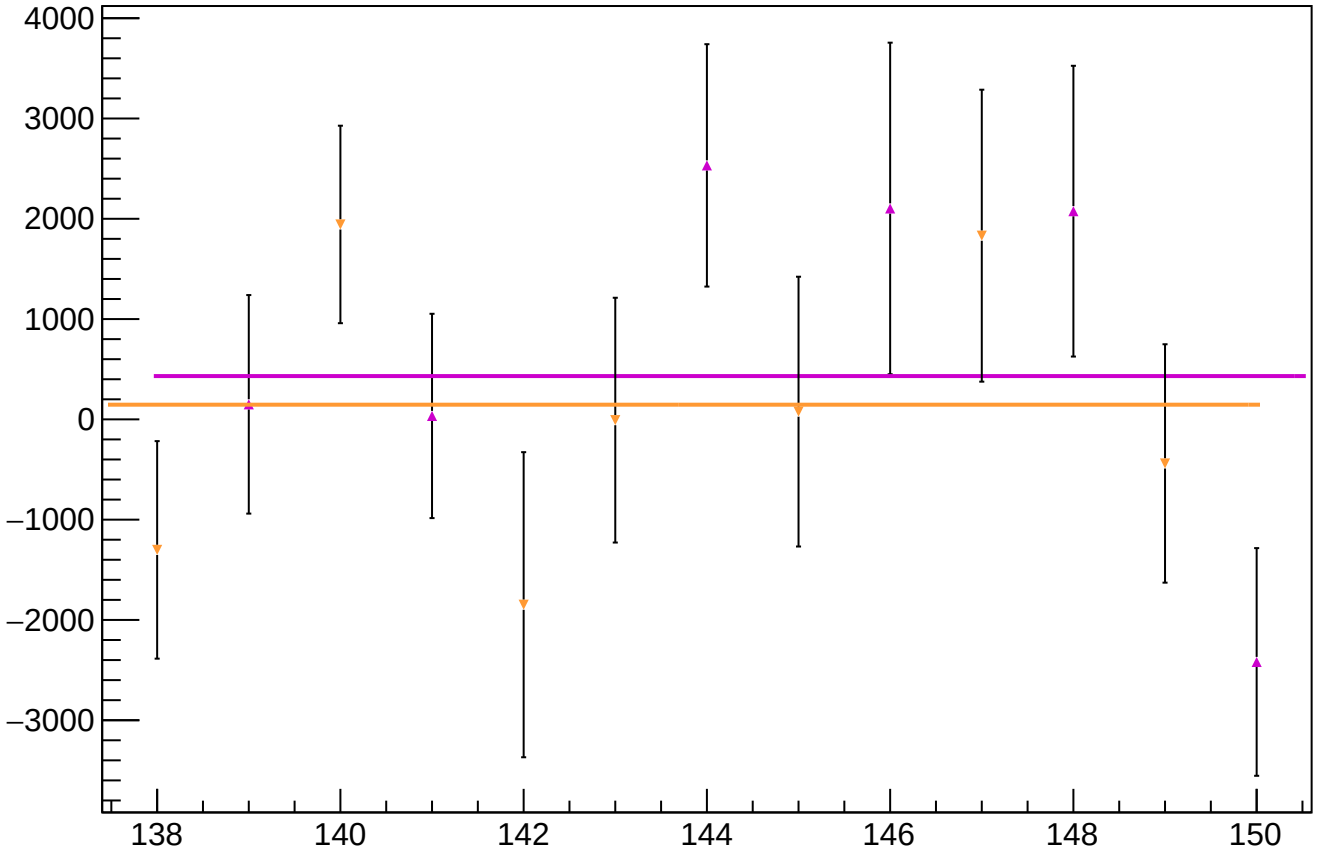
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 134.478+/-0.029 χ^2/NDF:1775233.8/22

Out: 128.681+/-0.027 χ^2/NDF:1535623.6/25

All: 131.391+/-0.020 χ^2/NDF: 3332141.1/48

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 146.287+/-460.396 χ^2/NDF:8.4/6

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

Left In: 431.632+/-493.330 χ^2/NDF:11.9/5

Left: 279.118+/-336.590 χ^2/NDF: 20.5/12

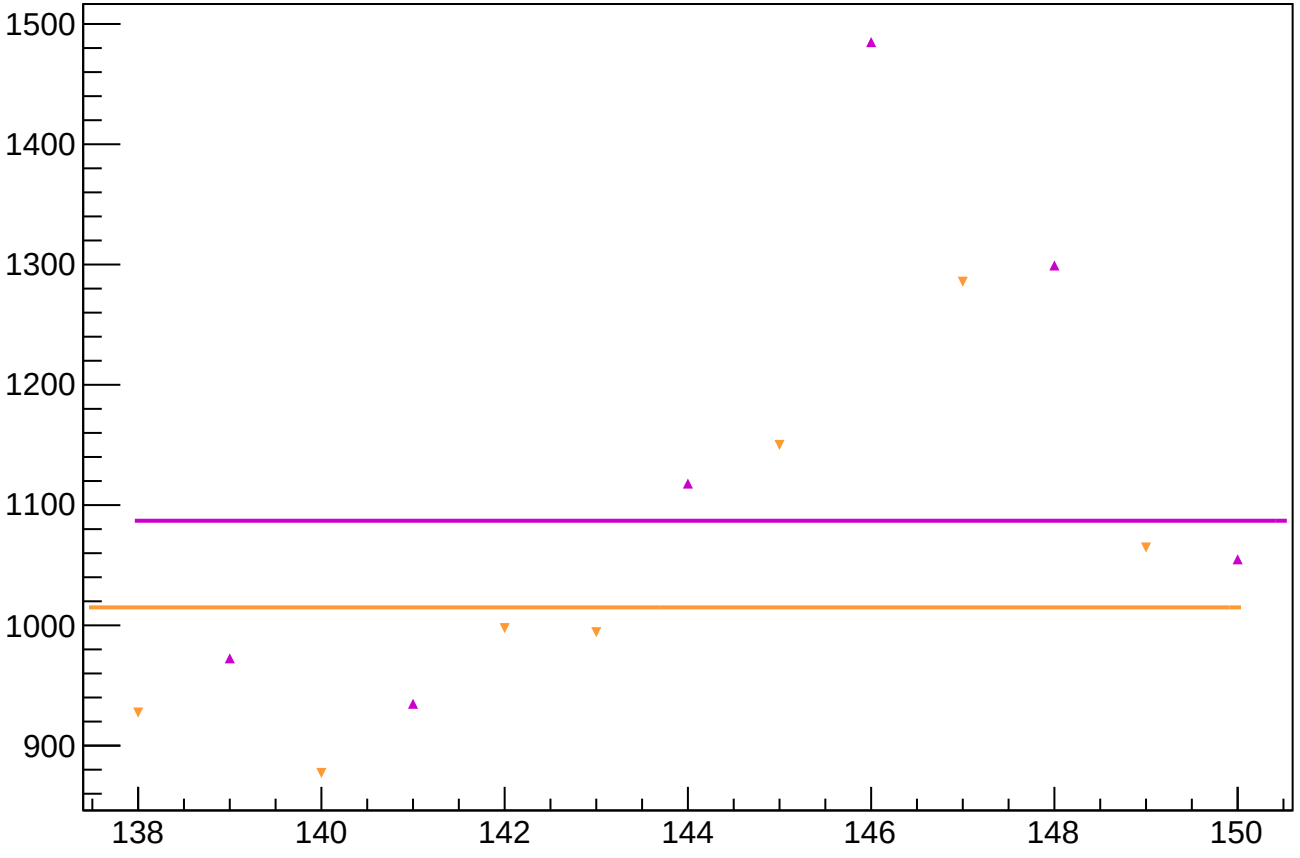
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 431.632+/-493.330 χ^2/NDF:11.9/5

Out: 146.287+/-460.396 χ^2/NDF:8.4/6

All: 279.118+/-336.590 χ^2/NDF: 20.5/12

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1014.938+/-0.326 χ^2/NDF:145794.6/6

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

Left In: 1086.975+/-0.349 χ^2/NDF:228381.8/5

Left: 1048.472+/-0.238 χ^2/NDF: 396970.2/12

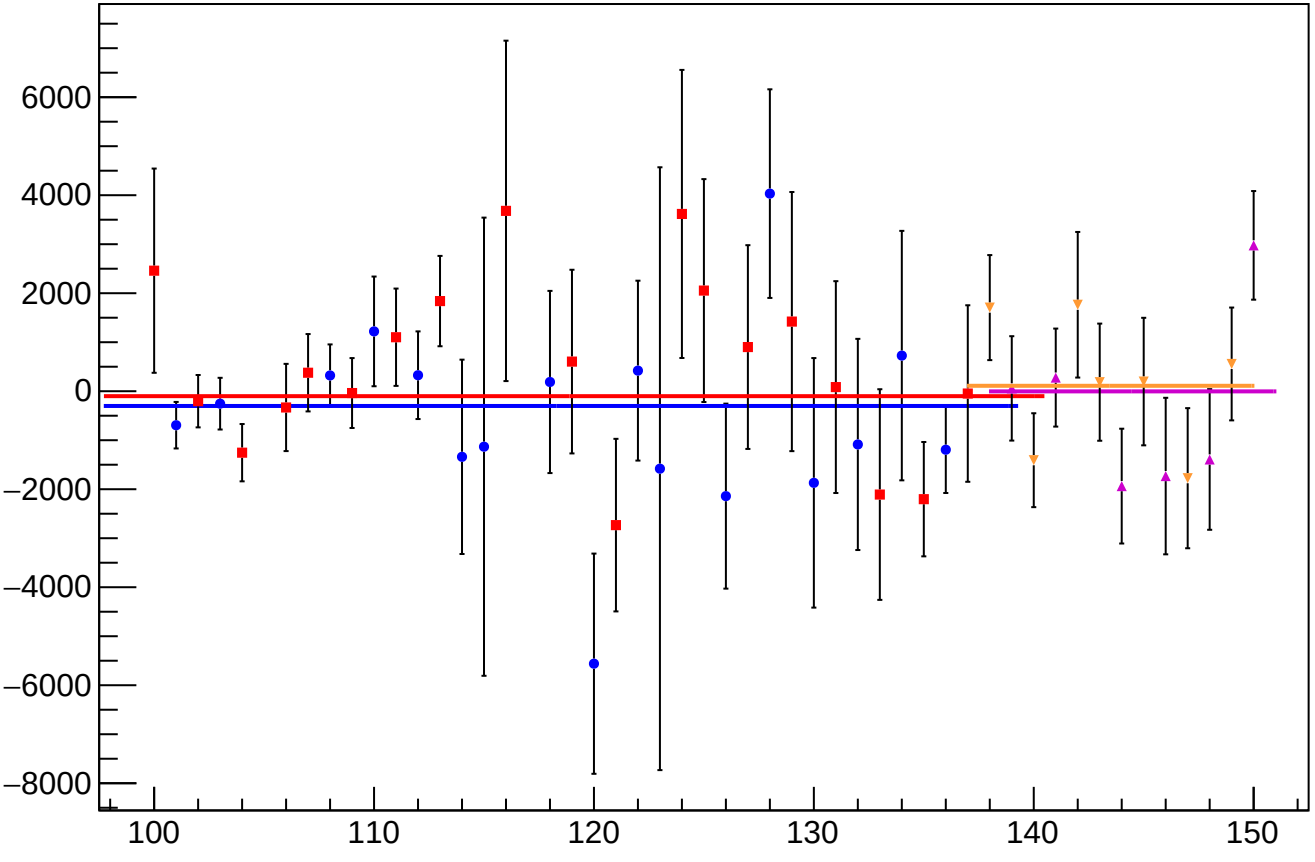
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1086.975+/-0.349 χ^2/NDF:228381.8/5

Out: 1014.938+/-0.326 χ^2/NDF:145794.6/6

All: 1048.472+/-0.238 χ^2/NDF: 396970.2/12

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: 110.782+/-449.602 χ^2/NDF:7.9/6

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -3.401+/-482.165 χ^2/NDF:12.1/5

Left: 57.676+/-328.826 χ^2/NDF: 20.0/12

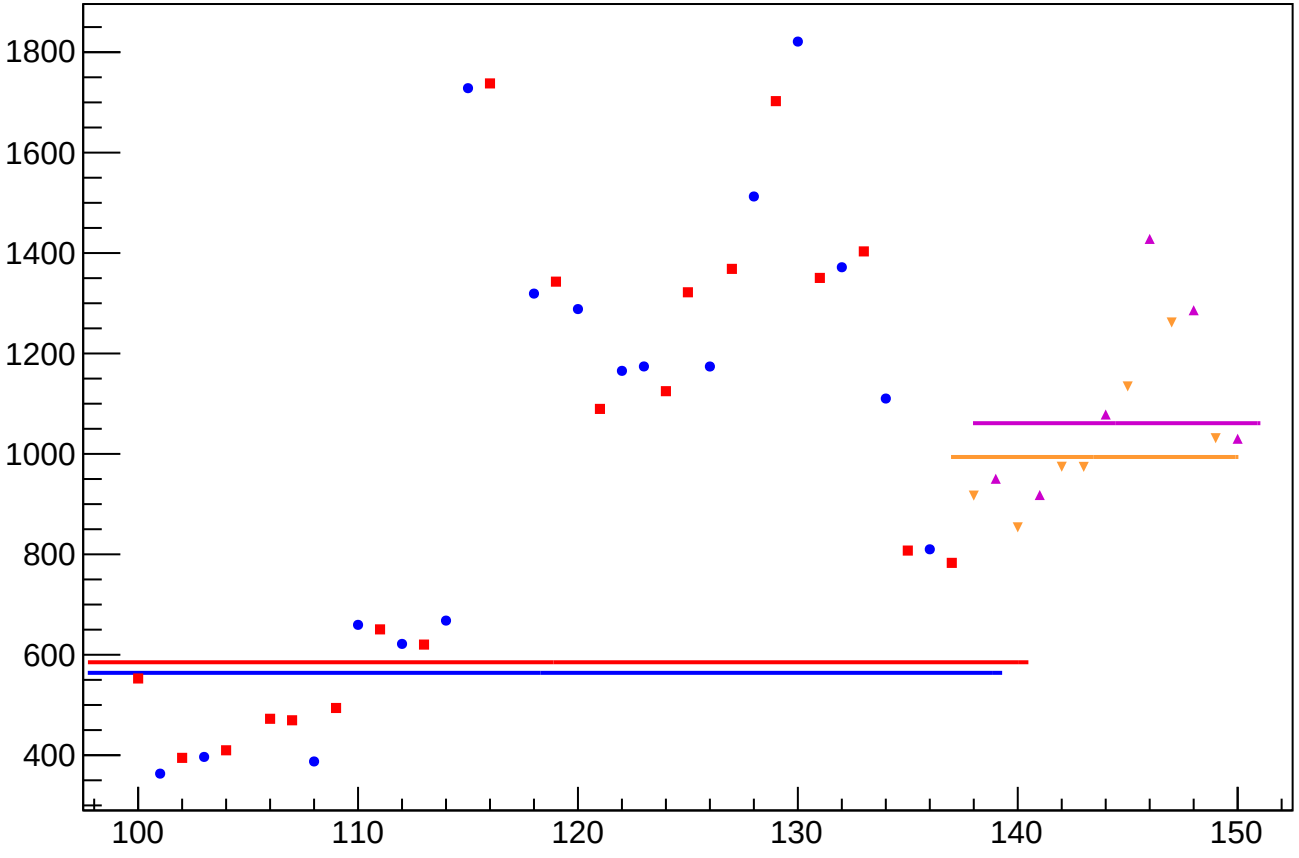
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -237.929+/-221.970 χ^2/NDF:29.3/22

Out: -52.102+/-215.795 χ^2/NDF:30.6/25

All: -142.394+/-154.727 χ^2/NDF: 60.2/48

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 993.874+/-0.318 χ^2/NDF:149594.1/6

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1061.170+/-0.341 χ^2/NDF:219218.0/5

Left: 1025.173+/-0.233 χ^2/NDF: 389652.4/12

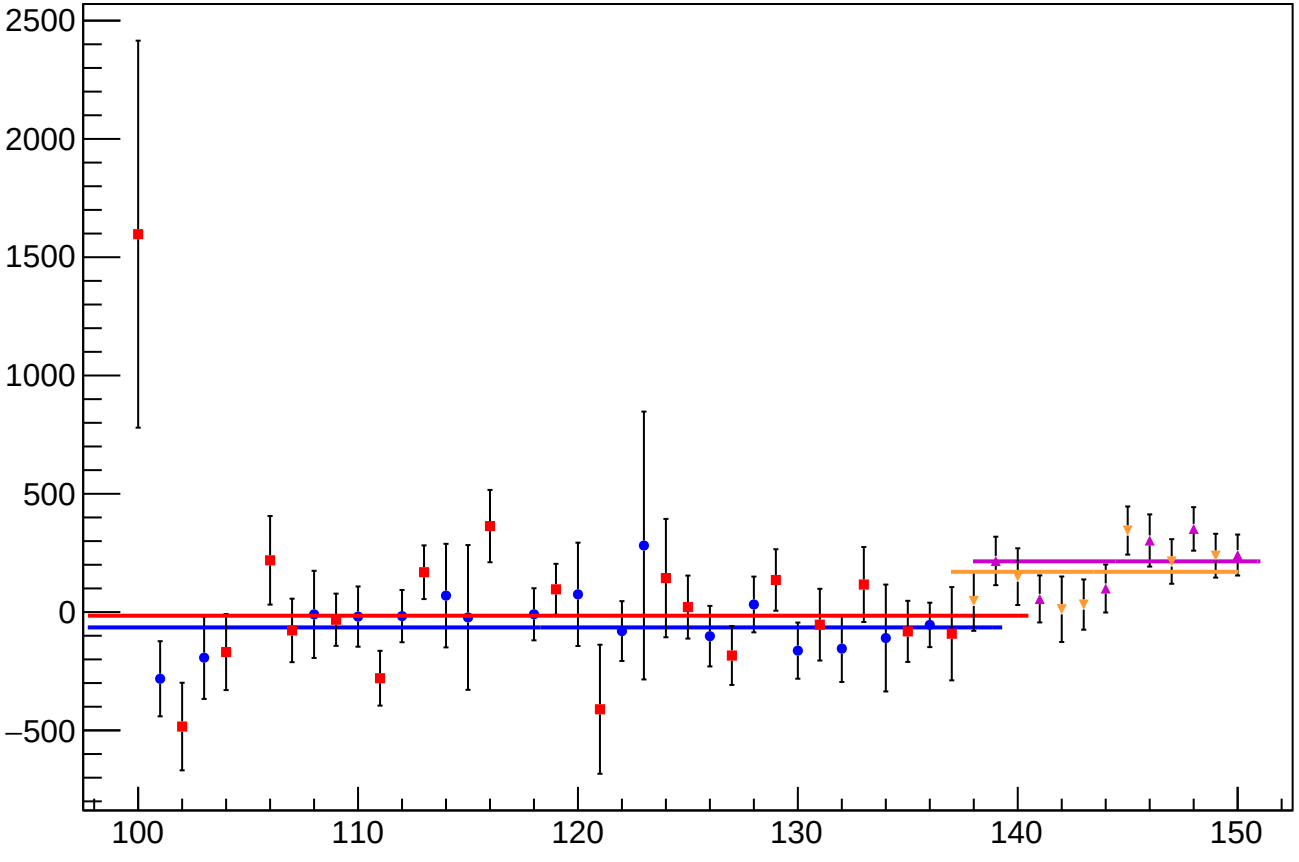
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 669.370+/-0.157 χ^2/NDF:5156449.4/22

Out: 679.246+/-0.153 χ^2/NDF:4243013.4/25

All: 674.447+/-0.109 χ^2/NDF: 9401498.4/48

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 170.261+/-40.868 χ^2/NDF:7.7/6

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 214.403+/-39.924 χ^2/NDF:6.8/5

Left: 192.847+/-28.558 χ^2/NDF: 15.1/12

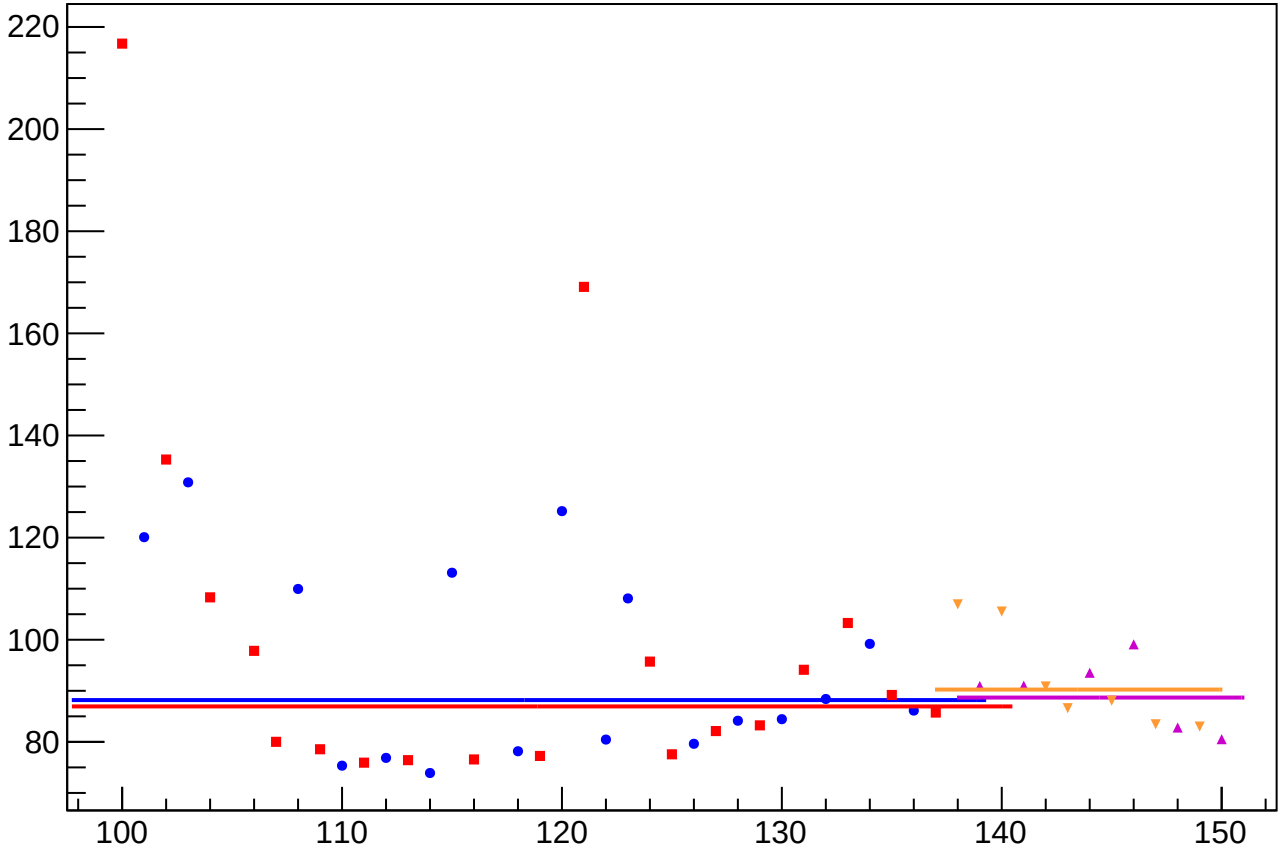
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 55.073+/-26.160 χ^2/NDF:40.9/22

Out: 59.070+/-25.872 χ^2/NDF:55.0/25

All: 57.094+/-18.395 χ^2/NDF: 95.9/48

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 90.245+/-0.029 χ^2/NDF:93454.8/6

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 88.677+/-0.028 χ^2/NDF:50378.7/5

Left: 89.443+/-0.020 χ^2/NDF: 145338.5/12

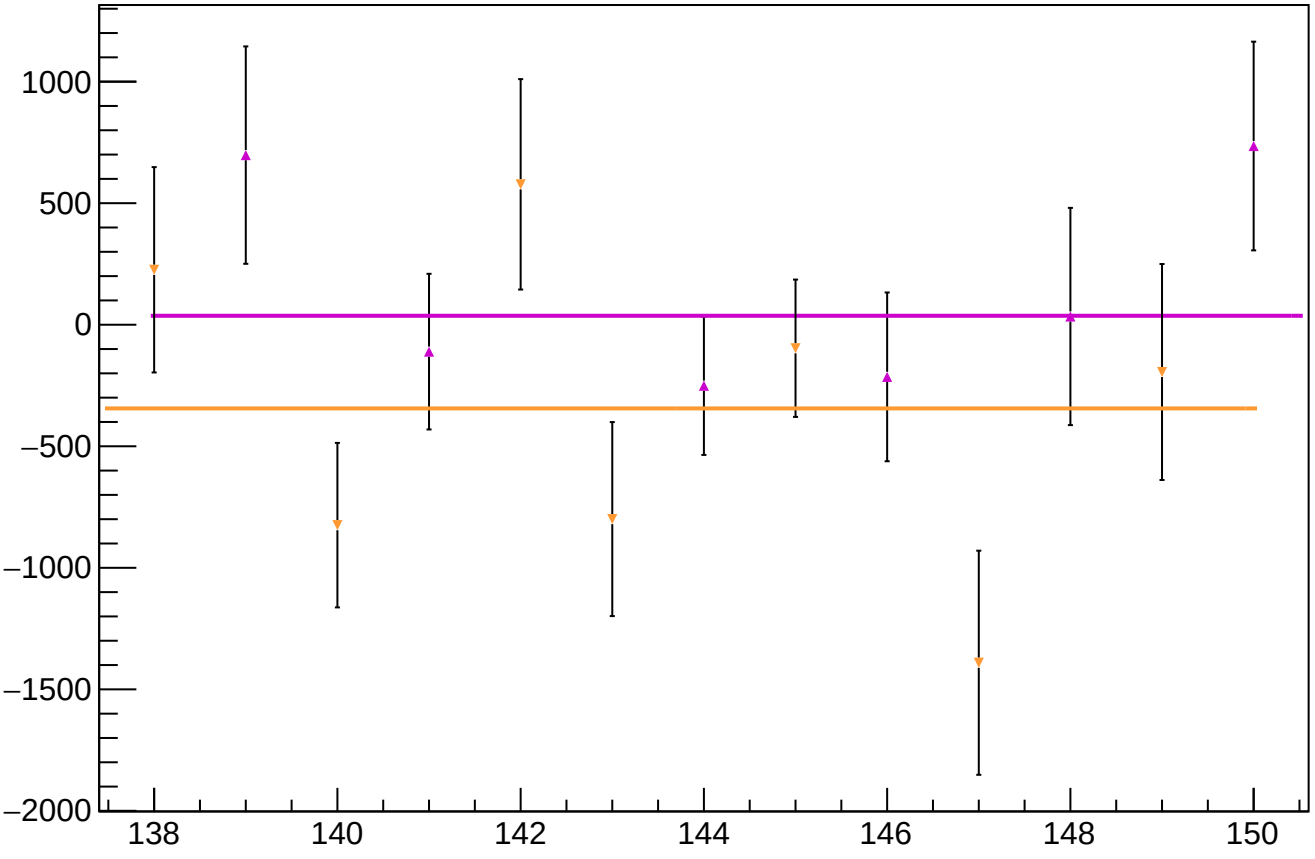
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 88.397+/-0.018 χ^2/NDF:444999.3/22

Out: 88.266+/-0.018 χ^2/NDF:632637.1/25

All: 88.331+/-0.013 χ^2/NDF: 1077661.7/48

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -344.230+/-143.950 χ^2/NDF:15.7/6

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

Left In: 36.899+/-147.703 χ^2/NDF:6.6/5

Left: -158.570+/-103.089 χ^2/NDF: 25.7/12

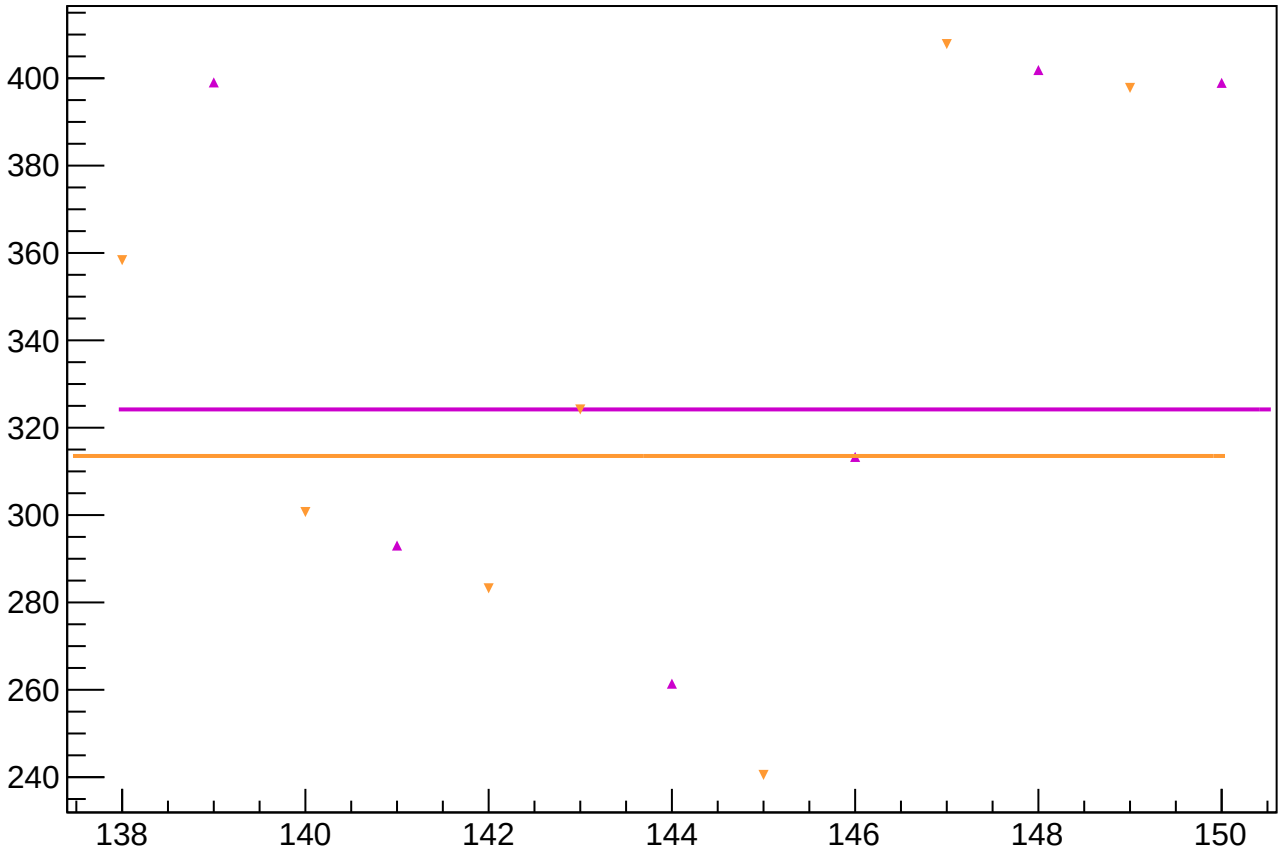
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.899+/-147.703 χ^2/NDF:6.6/5

Out: -344.230+/-143.950 χ^2/NDF:15.7/6

All: -158.570+/-103.089 χ^2/NDF: 25.7/12

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 313.528+/-0.102 χ^2/NDF:325841.5/6

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

Left In: 324.184+/-0.104 χ^2/NDF:295432.0/5

Left: 318.719+/-0.073 χ^2/NDF: 626612.0/12

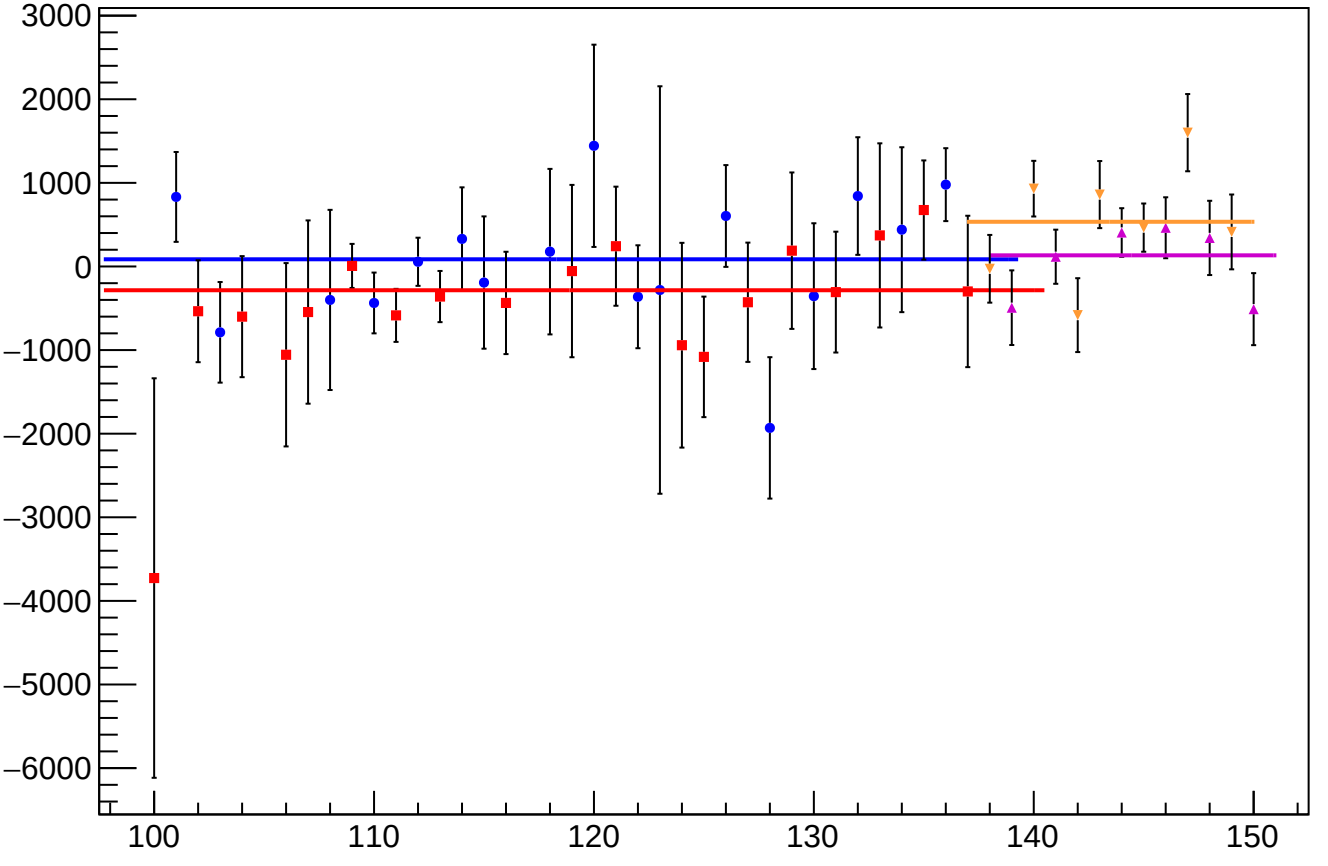
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 324.184+/-0.104 χ^2/NDF:295432.0/5

Out: 313.528+/-0.102 χ^2/NDF:325841.5/6

All: 318.719+/-0.073 χ^2/NDF: 626612.0/12

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 534.510+/-144.076 χ^2/NDF:15.8/6

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 133.188+/-150.088 χ^2/NDF:6.1/5

Left: 342.047+/-103.938 χ^2/NDF: 25.7/12

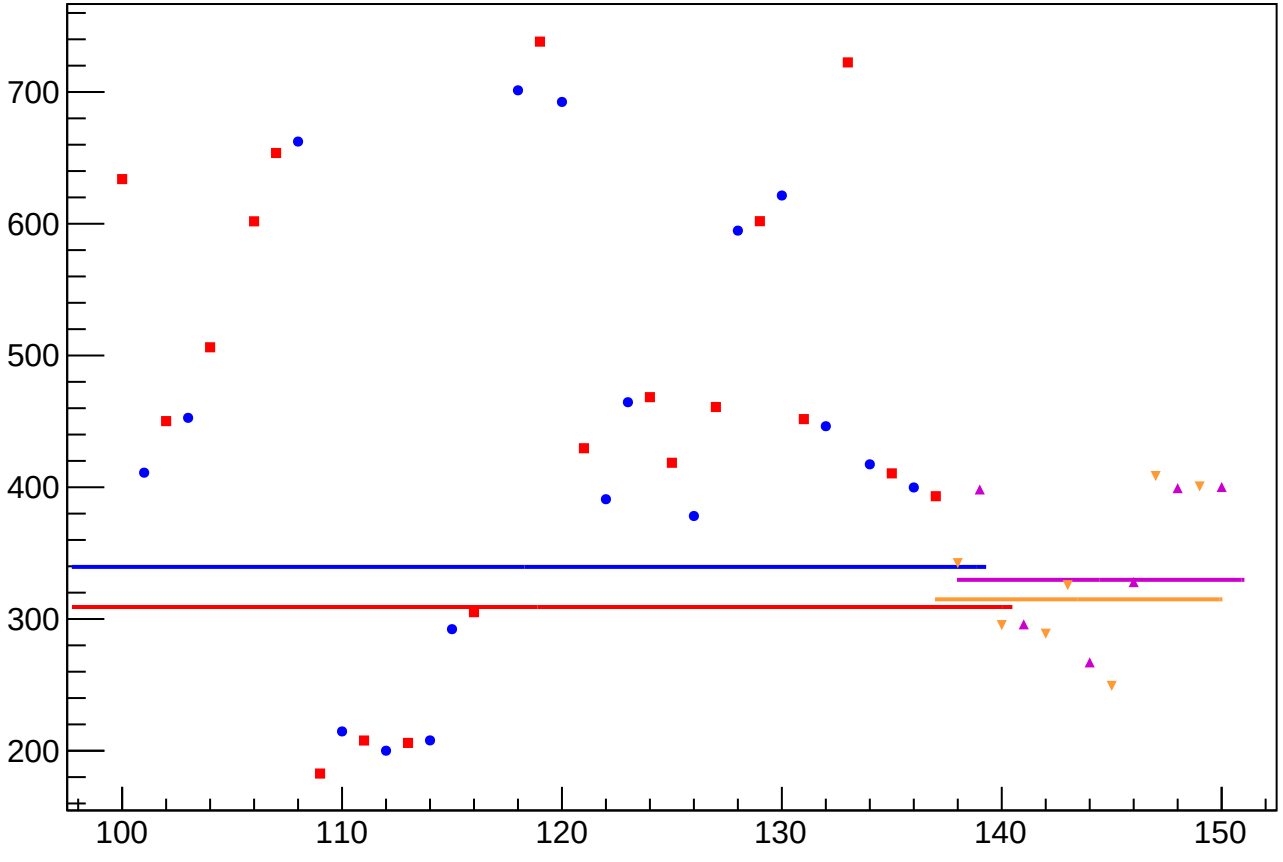
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 108.288+/-103.379 χ^2/NDF:26.7/22

Out: 81.825+/-96.353 χ^2/NDF:44.3/25

All: 94.127+/-70.485 χ^2/NDF: 71.1/48

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 314.935+/-0.102 χ^2/NDF:283742.4/6

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 329.735+/-0.106 χ^2/NDF:264622.3/5

Left: 322.033+/-0.073 χ^2/NDF: 558486.6/12

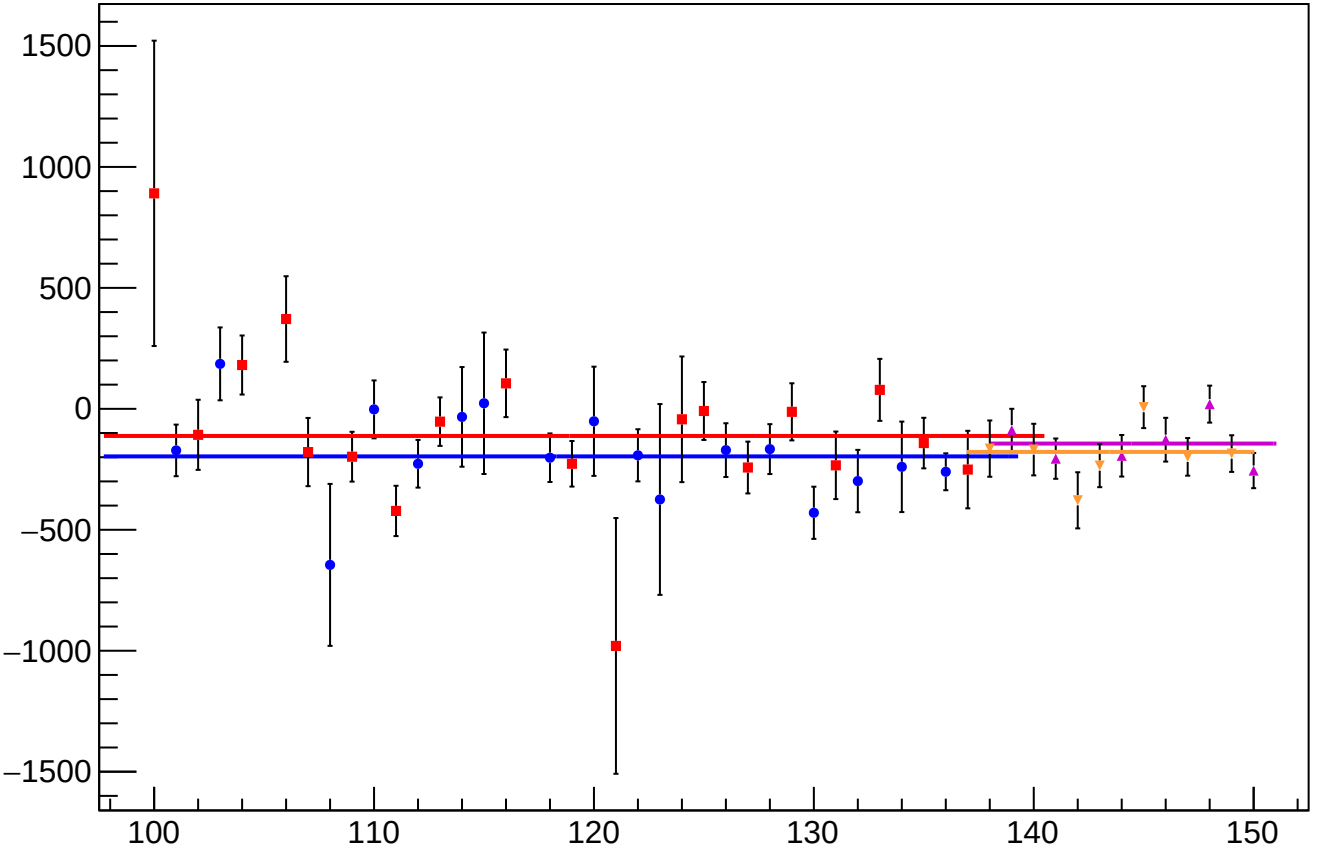
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 334.895+/-0.073 χ^2/NDF:2311363.6/22

Out: 311.712+/-0.068 χ^2/NDF:3015861.0/25

All: 322.489+/-0.050 χ^2/NDF: 5381045.1/48

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -178.124+/-34.617 χ^2/NDF:8.0/6

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -143.596+/-33.527 χ^2/NDF:8.2/5

Left: -160.308+/-24.083 χ^2/NDF: 16.8/12

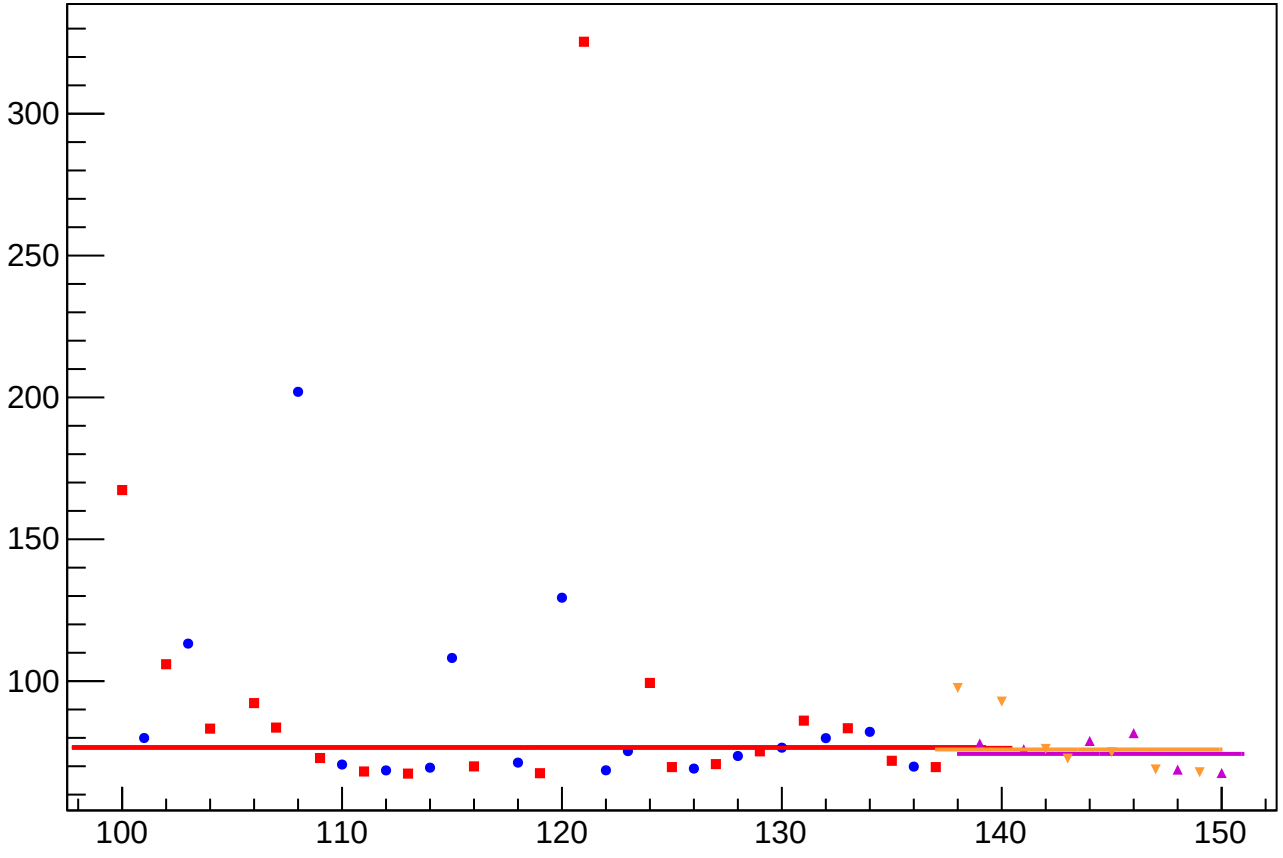
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -172.685+/-22.520 χ^2/NDF:28.6/22

Out: -140.007+/-22.507 χ^2/NDF:49.5/25

All: -156.336+/-15.919 χ^2/NDF: 79.2/48

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 75.907+/-0.024 χ^2/NDF:161195.6/6

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 74.352+/-0.024 χ^2/NDF:50639.3/5

Left: 75.105+/-0.017 χ^2/NDF: 213915.7/12

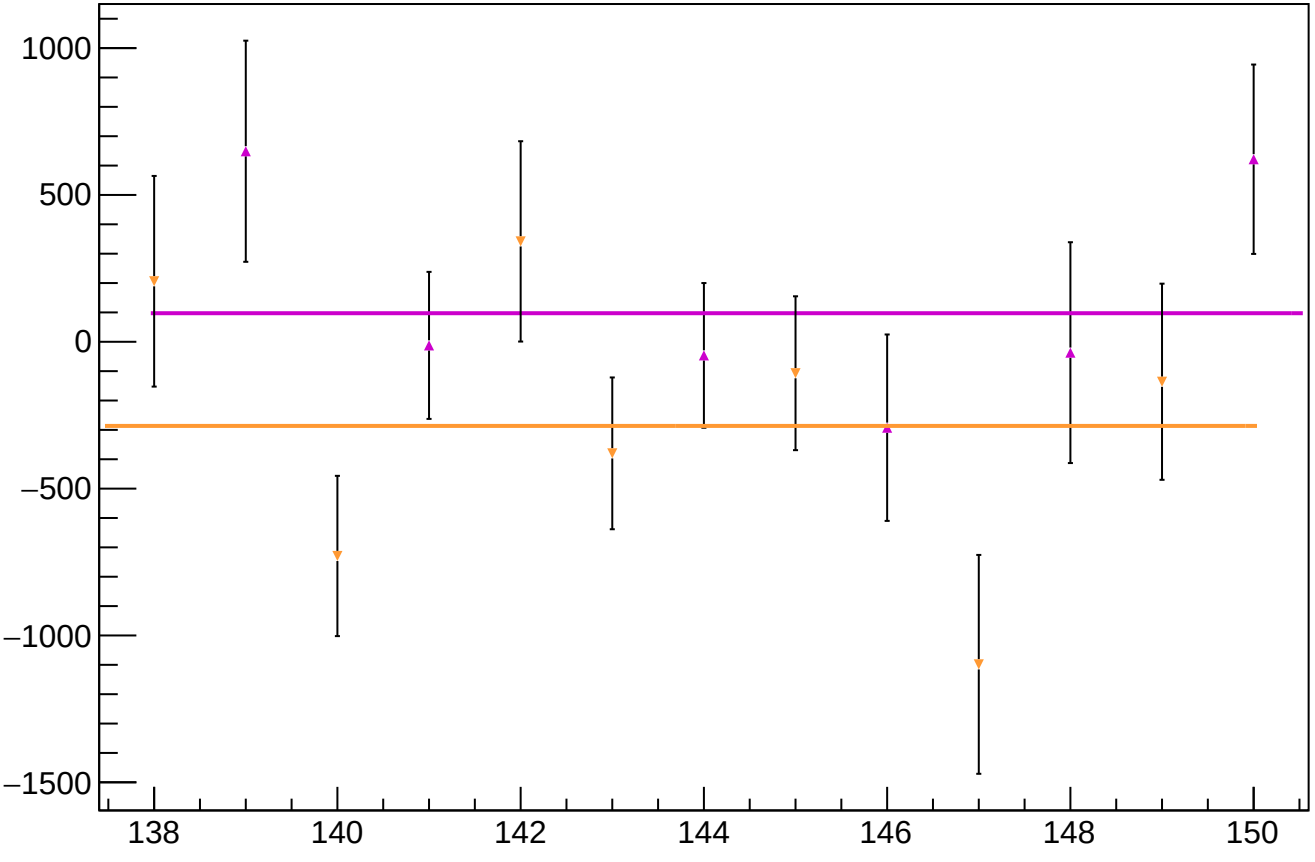
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 75.636+/-0.016 χ^2/NDF:656333.2/22

Out: 76.237+/-0.016 χ^2/NDF:860872.7/25

All: 75.937+/-0.011 χ^2/NDF: 1517917.6/48

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -286.480+/-115.077 χ^2/NDF:13.5/6

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

Left In: 97.296+/-122.986 χ^2/NDF:7.0/5

Left: -107.327+/-84.029 χ^2/NDF: 25.6/12

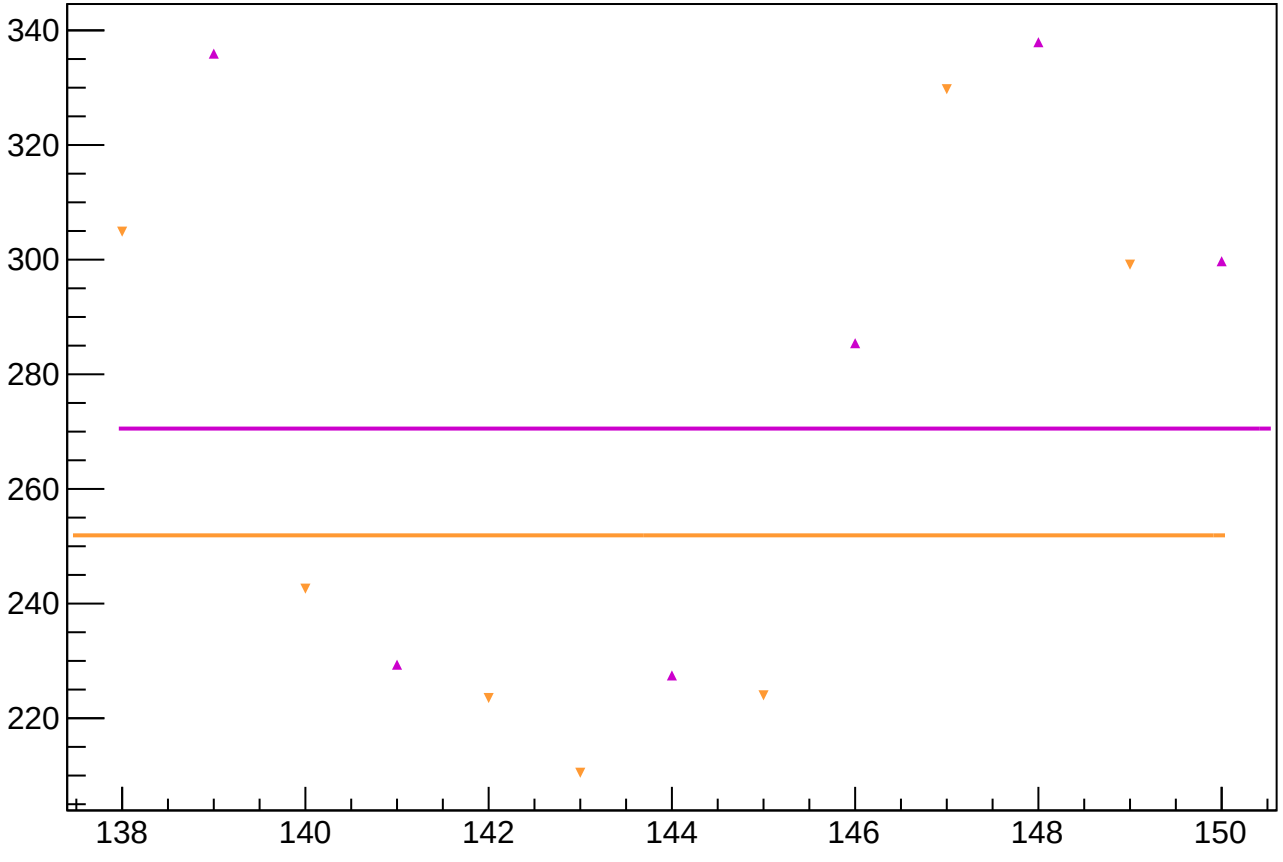
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 97.296+/-122.986 χ^2/NDF:7.0/5

Out: -286.480+/-115.077 χ^2/NDF:13.5/6

All: -107.327+/-84.029 χ^2/NDF: 25.6/12

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 251.905+/-0.081 χ^2/NDF:261110.6/6

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

Left In: 270.531+/-0.087 χ^2/NDF:260722.4/5

Left: 260.600+/-0.059 χ^2/NDF: 546291.6/12

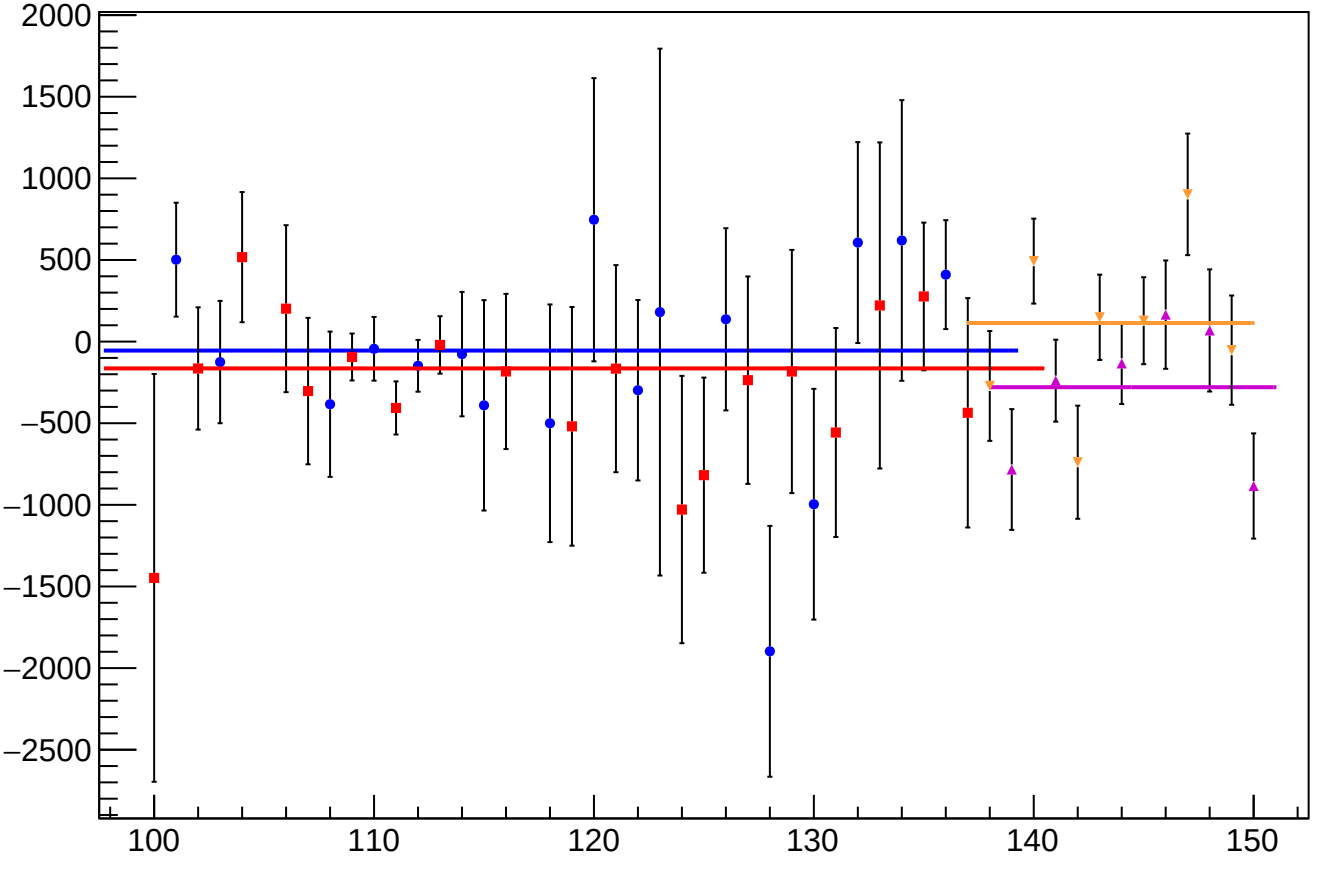
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 270.531+/-0.087 χ^2/NDF:260722.4/5

Out: 251.905+/-0.081 χ^2/NDF:261110.6/6

All: 260.600+/-0.059 χ^2/NDF: 546291.6/12

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 113.951+/-114.089 χ^2/NDF:14.2/6

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -279.390+/-123.888 χ^2/NDF:8.4/5

Left: -66.550+/-83.924 χ^2/NDF: 28.1/12

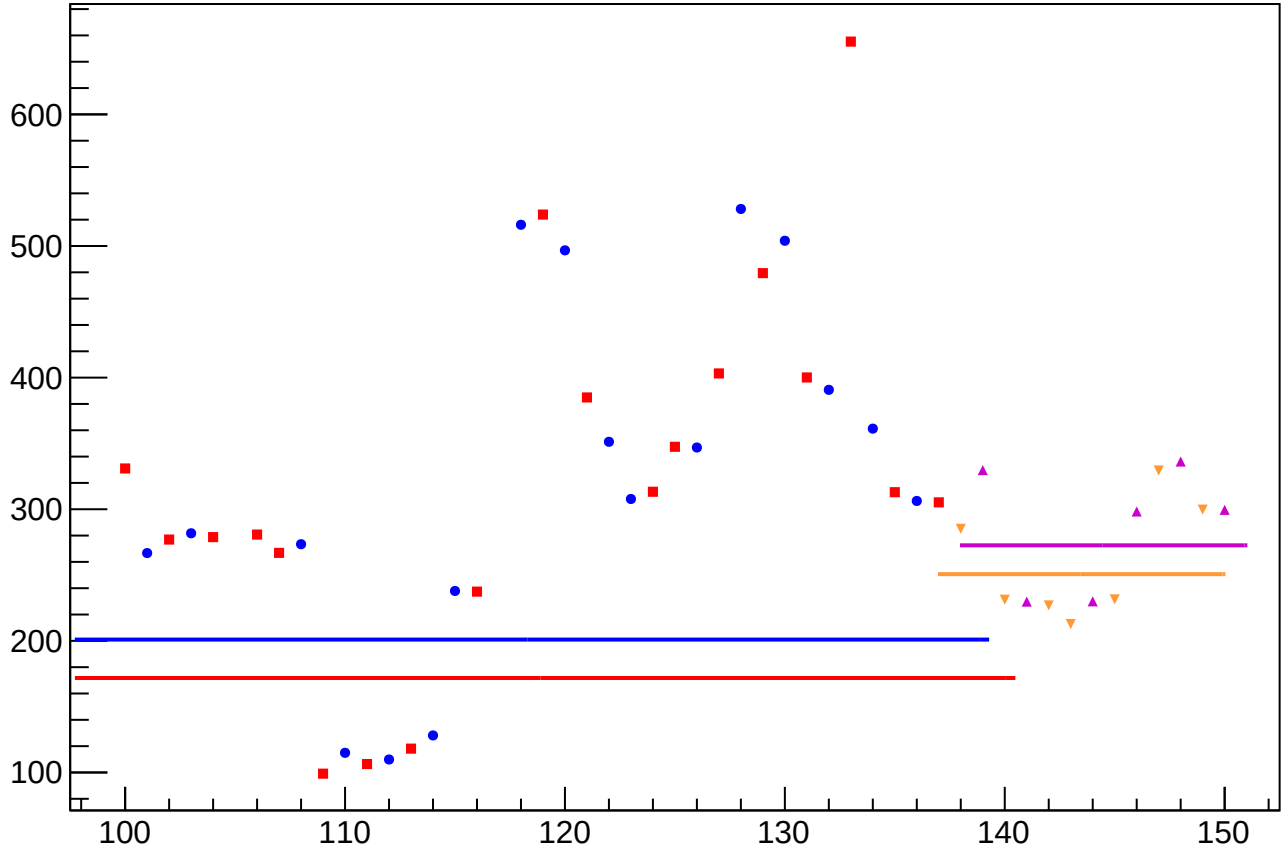
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -132.870+/-73.002 χ^2/NDF:27.1/22

Out: -77.262+/-63.769 χ^2/NDF:30.2/25

All: -101.329+/-48.026 χ^2/NDF: 57.7/48

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 250.675+/-0.081 χ^2/NDF:226326.8/6

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 272.592+/-0.088 χ^2/NDF:248096.0/5

Left: 260.733+/-0.059 χ^2/NDF: 508291.6/12

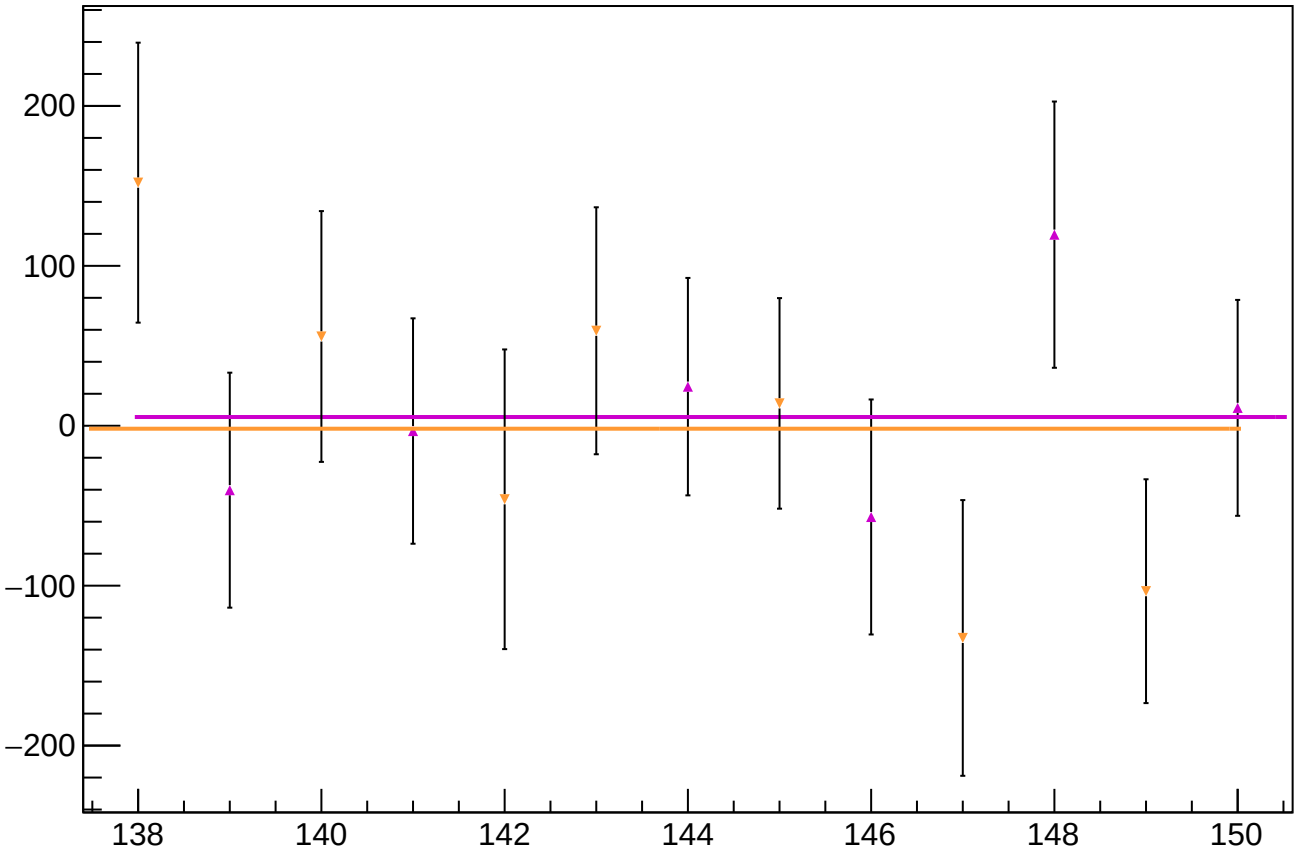
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 225.839+/-0.052 χ^2/NDF:4120580.6/22

Out: 196.437+/-0.045 χ^2/NDF:4976345.4/25

All: 209.162+/-0.034 χ^2/NDF: 9280939.3/48

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: -1.845+/-29.564 χ^2/NDF:9.0/6

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

Left In: 5.467+/-29.466 χ^2/NDF:3.1/5

Left: 1.823+/-20.870 χ^2/NDF: 12.1/12

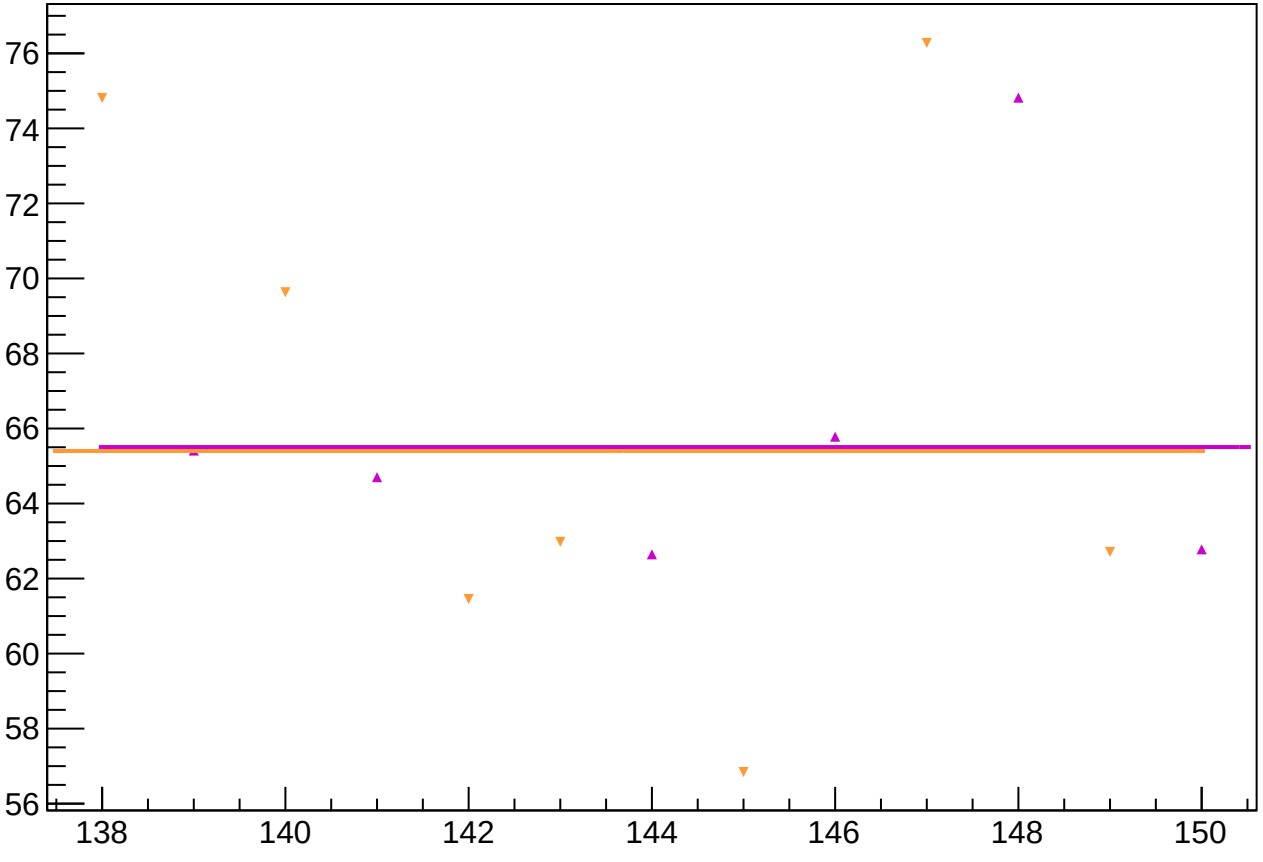
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.467+/-29.466 χ^2/NDF:3.1/5

Out: -1.845+/-29.564 χ^2/NDF:9.0/6

All: 1.823+/-20.870 χ^2/NDF: 12.1/12

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.401+/-0.021 χ^2/NDF:103042.2/6

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

Left In: 65.505+/-0.021 χ^2/NDF:32123.4/5

Left: 65.453+/-0.015 χ^2/NDF: 135178.2/12

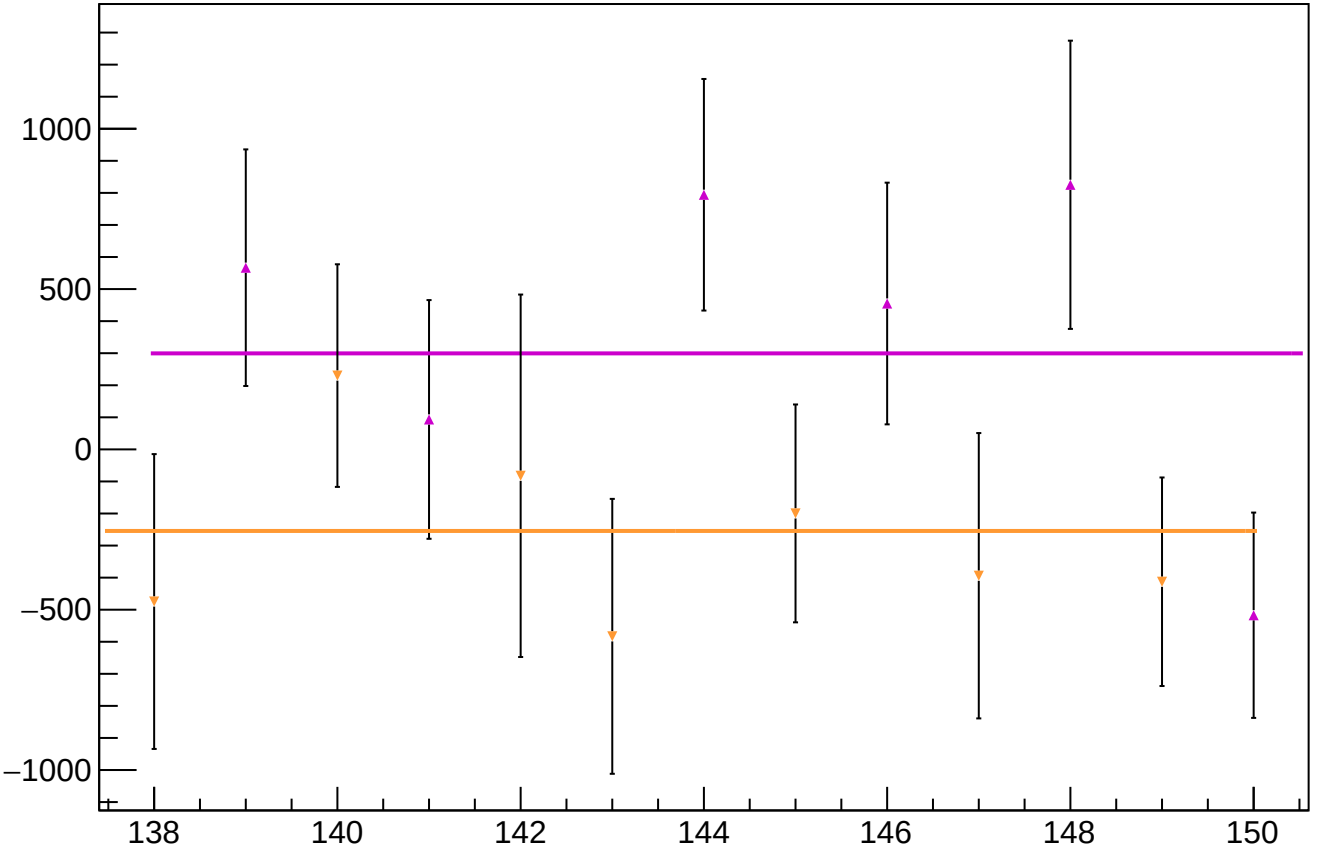
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.505+/-0.021 χ^2/NDF:32123.4/5

Out: 65.401+/-0.021 χ^2/NDF:103042.2/6

All: 65.453+/-0.015 χ^2/NDF: 135178.2/12

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -254.406+/-149.462 χ^2/NDF:3.2/6

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

Left In: 299.454+/-150.804 χ^2/NDF:10.8/5

Left: 20.049+/-106.157 χ^2/NDF: 20.8/12

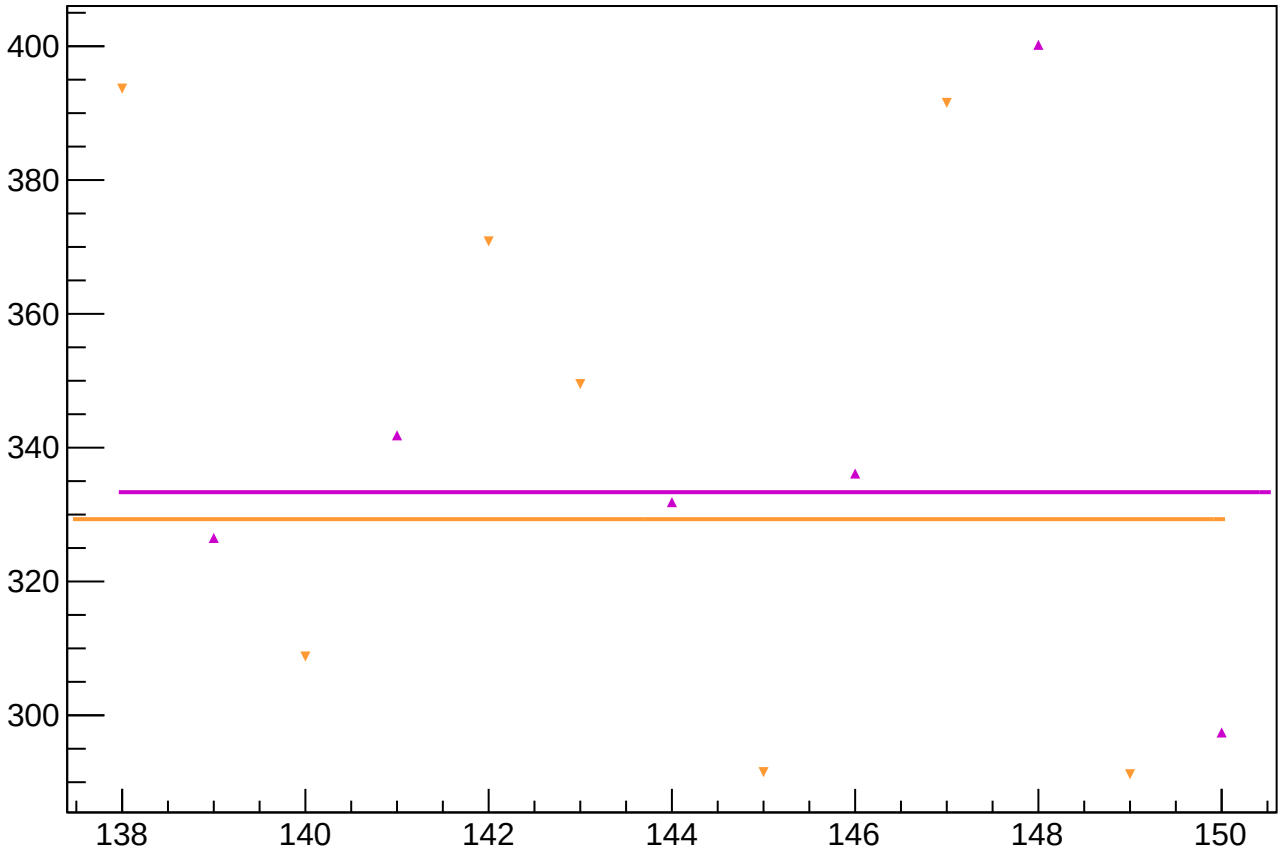
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 299.454+/-150.804 χ^2/NDF:10.8/5

Out: -254.406+/-149.462 χ^2/NDF:3.2/6

All: 20.049+/-106.157 χ^2/NDF: 20.8/12

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 329.314+/-0.106 χ^2/NDF:152753.4/6

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

Left In: 333.347+/-0.107 χ^2/NDF:71296.1/5

Left: 331.312+/-0.075 χ^2/NDF: 224771.1/12

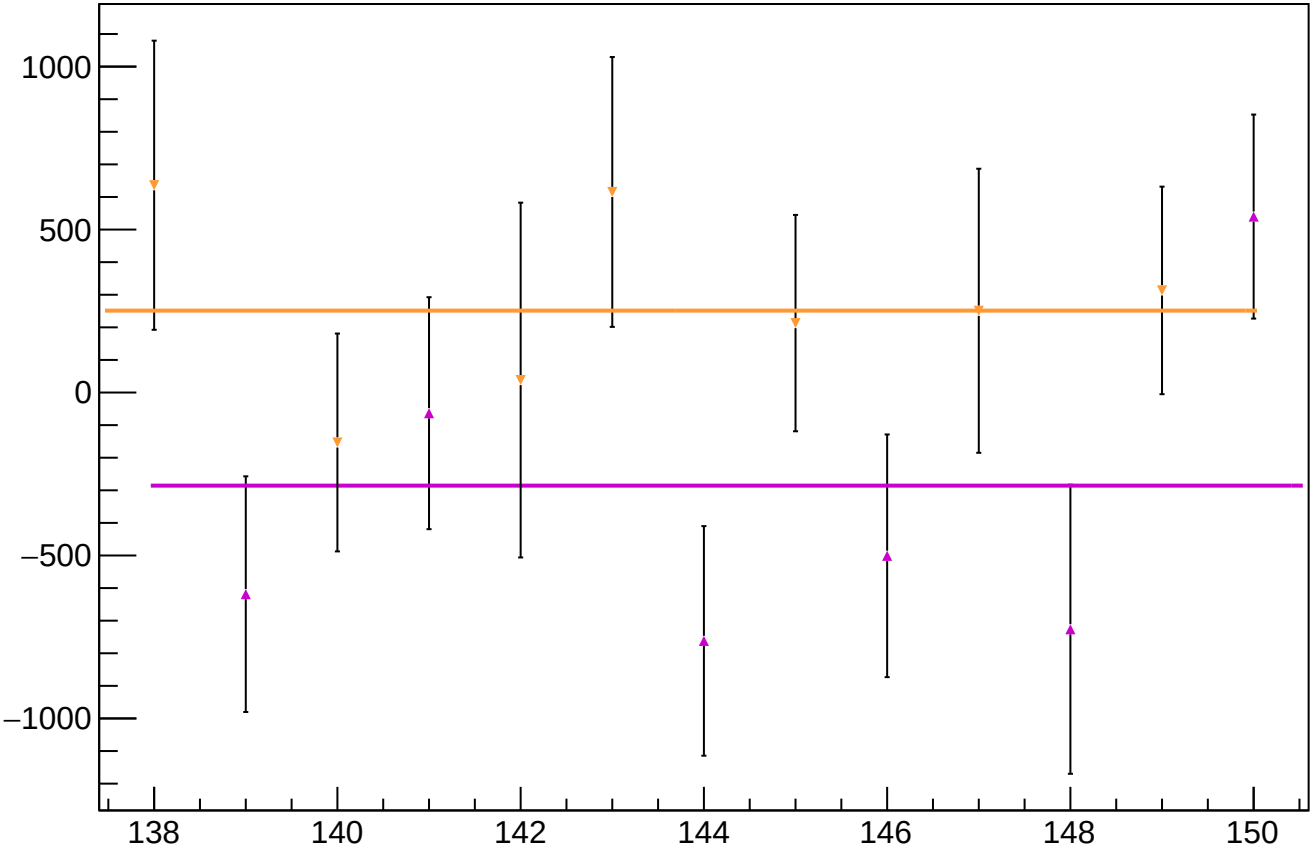
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 333.347+/-0.107 χ^2/NDF:71296.1/5

Out: 329.314+/-0.106 χ^2/NDF:152753.4/6

All: 331.312+/-0.075 χ^2/NDF: 224771.1/12

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 251.339+/-145.170 χ^2/NDF:3.2/6

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

Left In: -285.627+/-147.257 χ^2/NDF:11.3/5

Left: -13.312+/-103.380 χ^2/NDF: 21.3/12

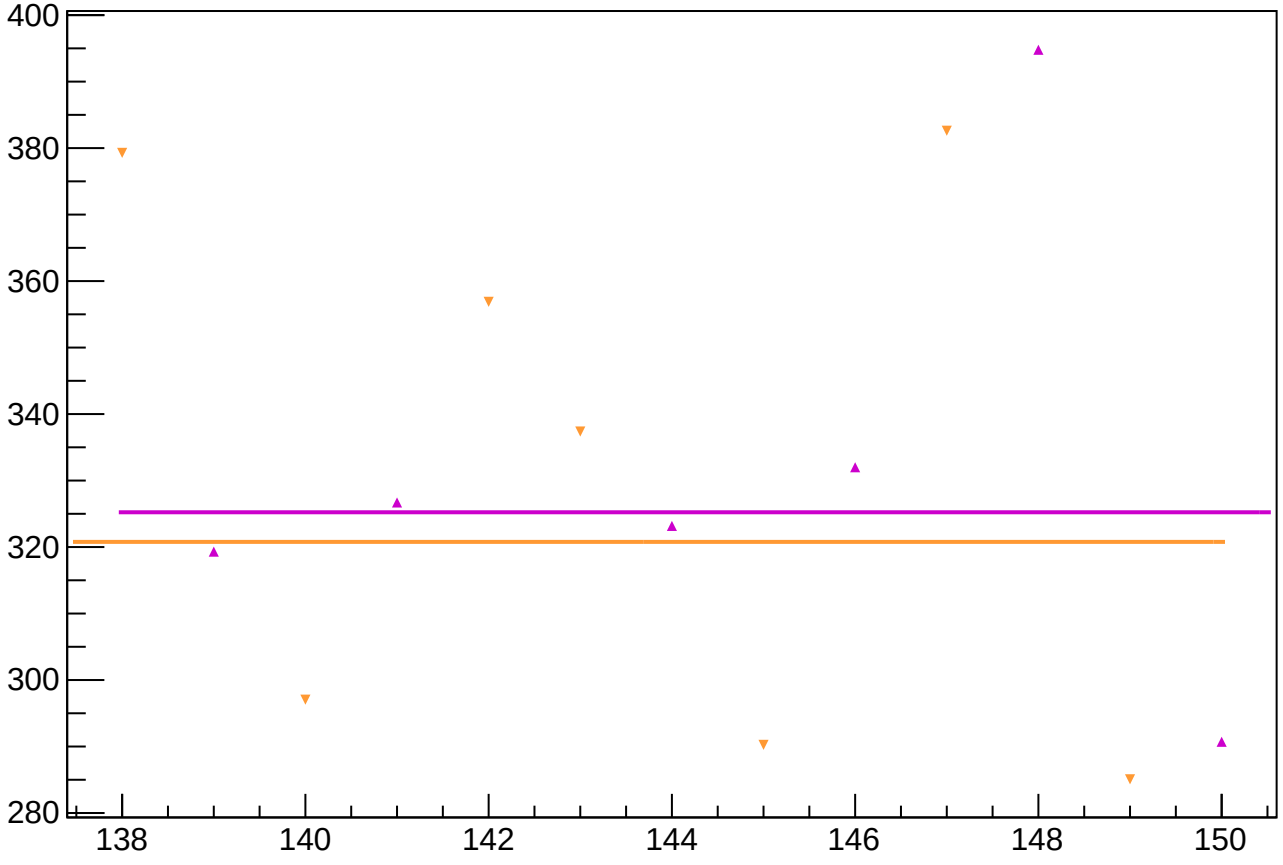
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -285.627+/-147.257 χ^2/NDF:11.3/5

Out: 251.339+/-145.170 χ^2/NDF:3.2/6

All: -13.312+/-103.380 χ^2/NDF: 21.3/12

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 320.777+/-0.103 χ^2/NDF:139233.1/6

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

Left In: 325.230+/-0.104 χ^2/NDF:74826.6/5

Left: 322.971+/-0.073 χ^2/NDF: 214987.3/12

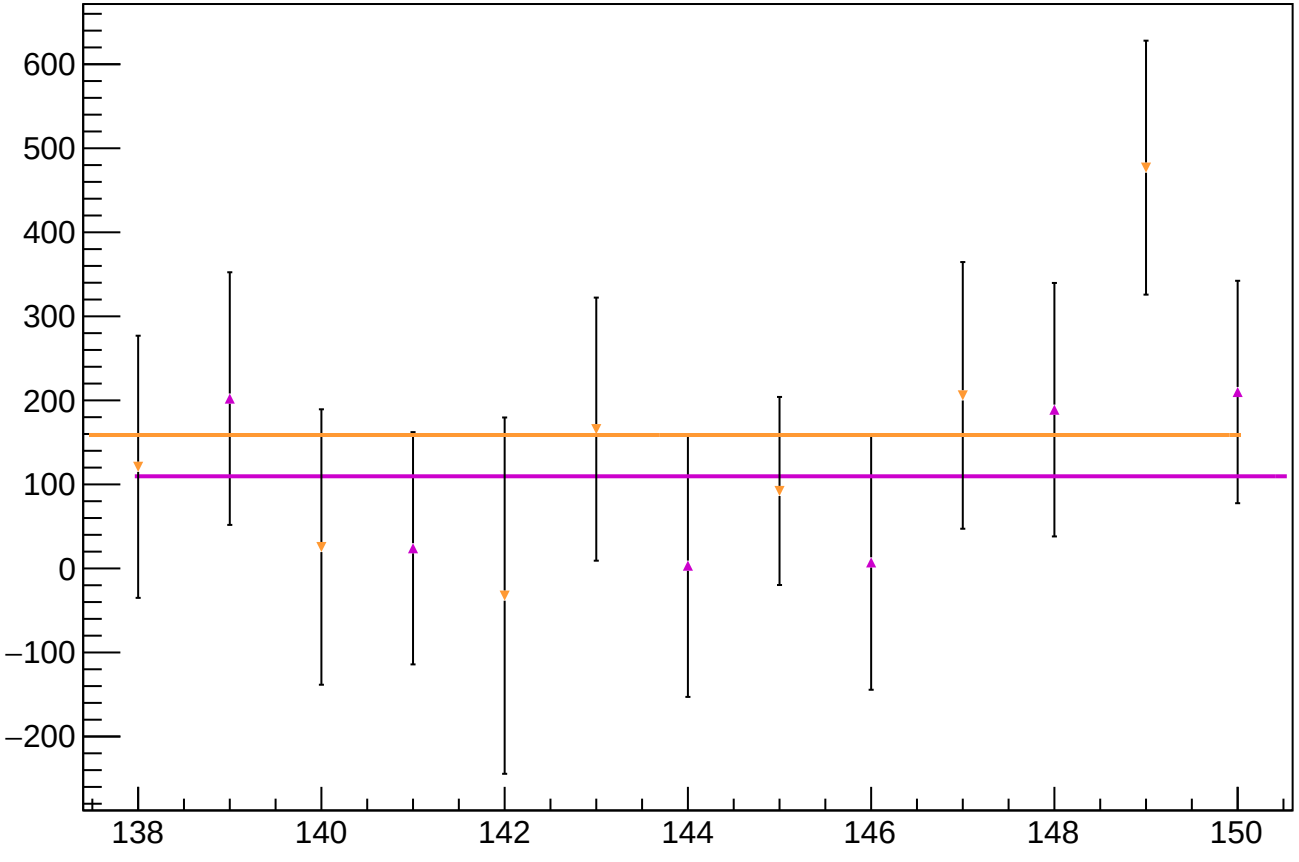
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 325.230+/-0.104 χ^2/NDF:74826.6/5

Out: 320.777+/-0.103 χ^2/NDF:139233.1/6

All: 322.971+/-0.073 χ^2/NDF: 214987.3/12

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 158.793+/-57.283 χ^2/NDF:6.4/6

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

Left In: 109.666+/-59.531 χ^2/NDF:2.5/5

Left: 135.175+/-41.277 χ^2/NDF: 9.3/12

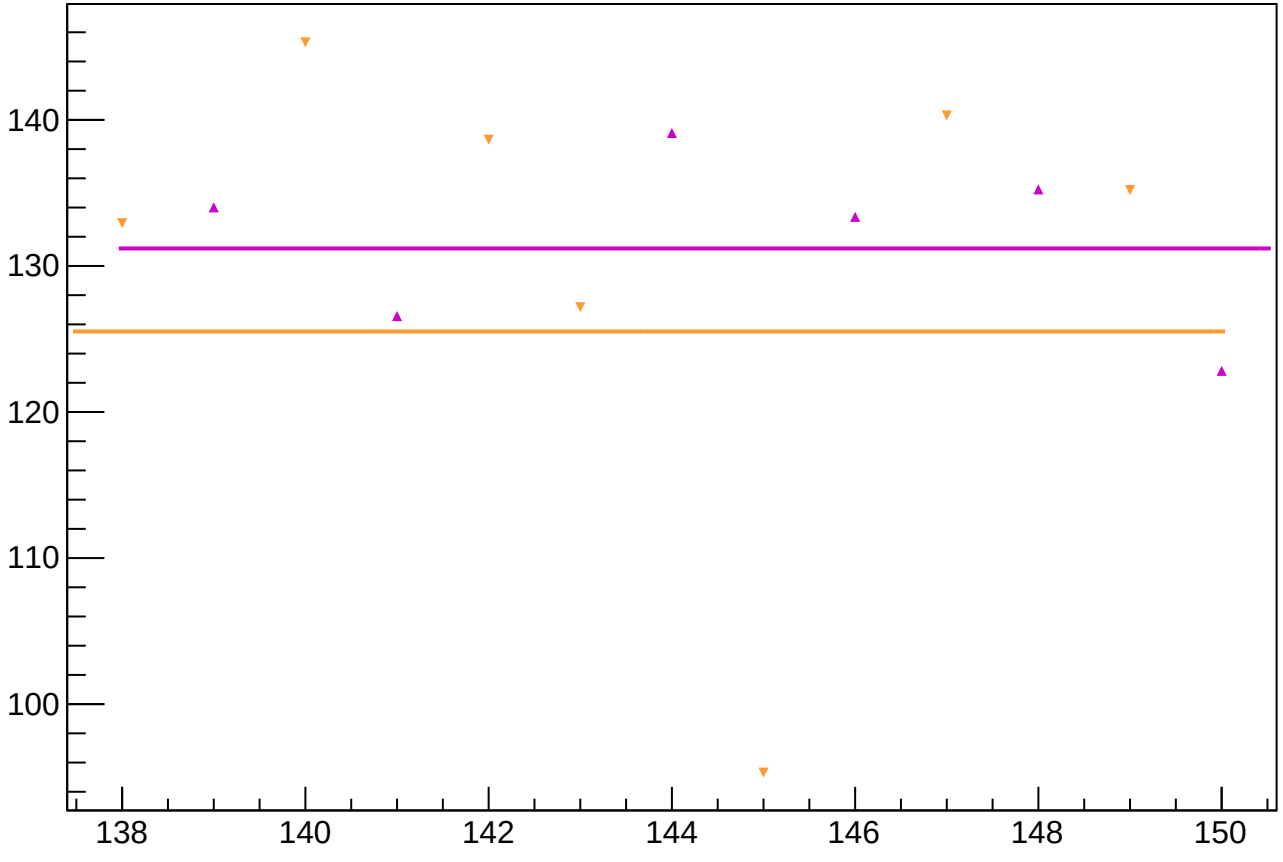
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.666+/-59.531 χ^2/NDF:2.5/5

Out: 158.793+/-57.283 χ^2/NDF:6.4/6

All: 135.175+/-41.277 χ^2/NDF: 9.3/12

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 125.516+/-0.041 χ^2/NDF:212872.1/6

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

Left In: 131.199+/-0.042 χ^2/NDF:17935.0/5

Left: 128.248+/-0.029 χ^2/NDF: 240271.2/12

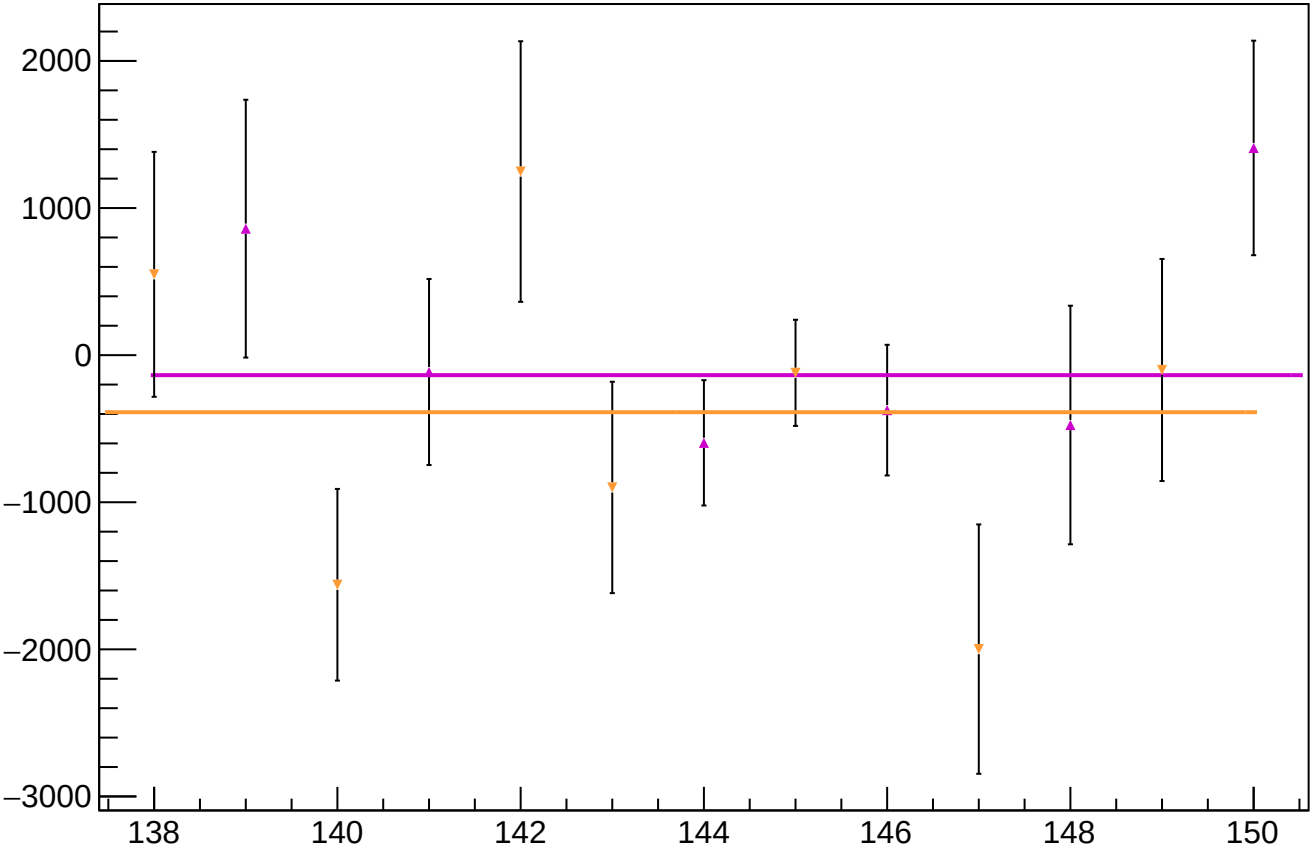
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 131.199+/-0.042 χ^2/NDF:17935.0/5

Out: 125.516+/-0.041 χ^2/NDF:212872.1/6

All: 128.248+/-0.029 χ^2/NDF: 240271.2/12

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -387.791+/-236.751 χ^2/NDF:12.7/6

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

Left In: -136.033+/-237.143 χ^2/NDF:7.4/5

Left: -262.120+/-167.546 χ^2/NDF: 20.7/12

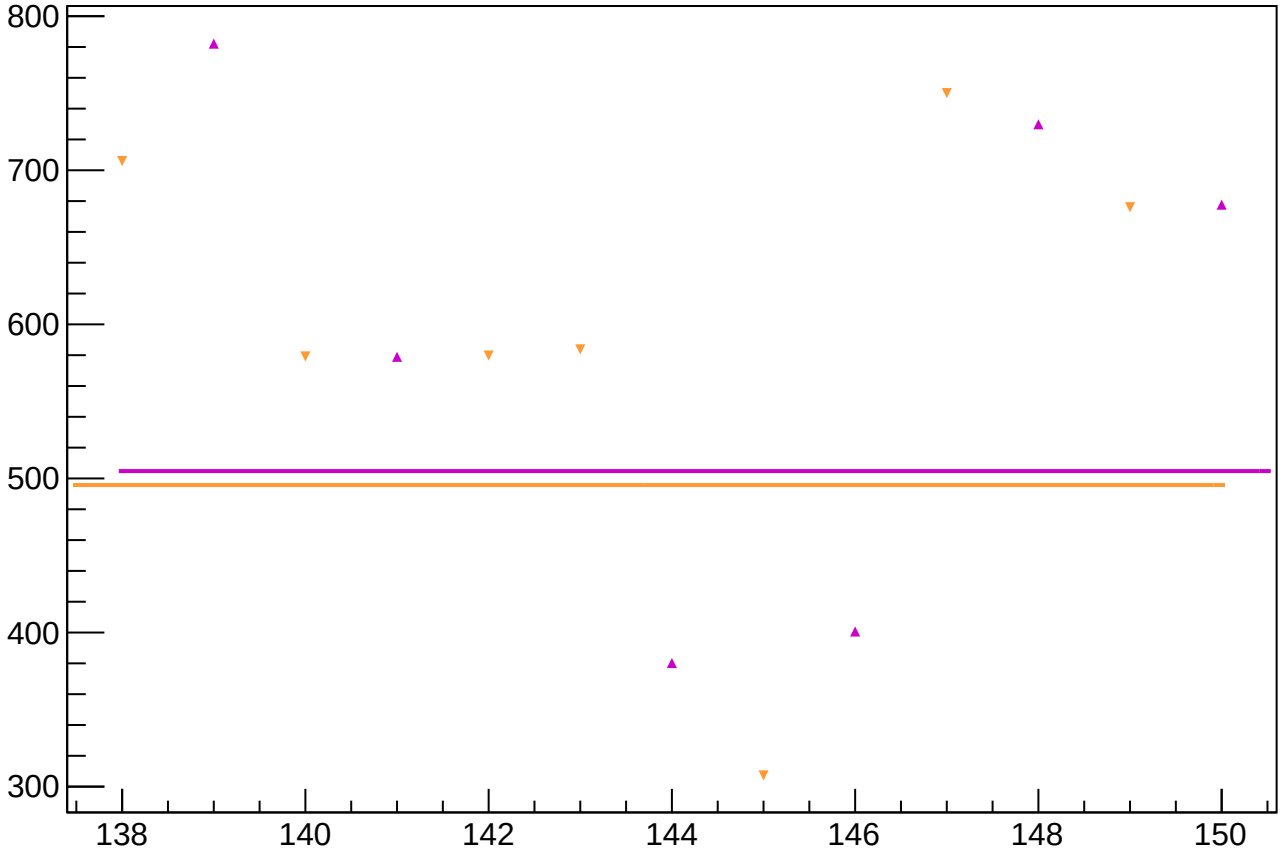
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -136.033+/-237.143 χ^2/NDF:7.4/5

Out: -387.791+/-236.751 χ^2/NDF:12.7/6

All: -262.120+/-167.546 χ^2/NDF: 20.7/12

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 495.724+/-0.167 χ^2/NDF:1048332.7/6

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

Left In: 504.791+/-0.168 χ^2/NDF:775182.6/5

Left: 500.250+/-0.118 χ^2/NDF: 1824979.4/12

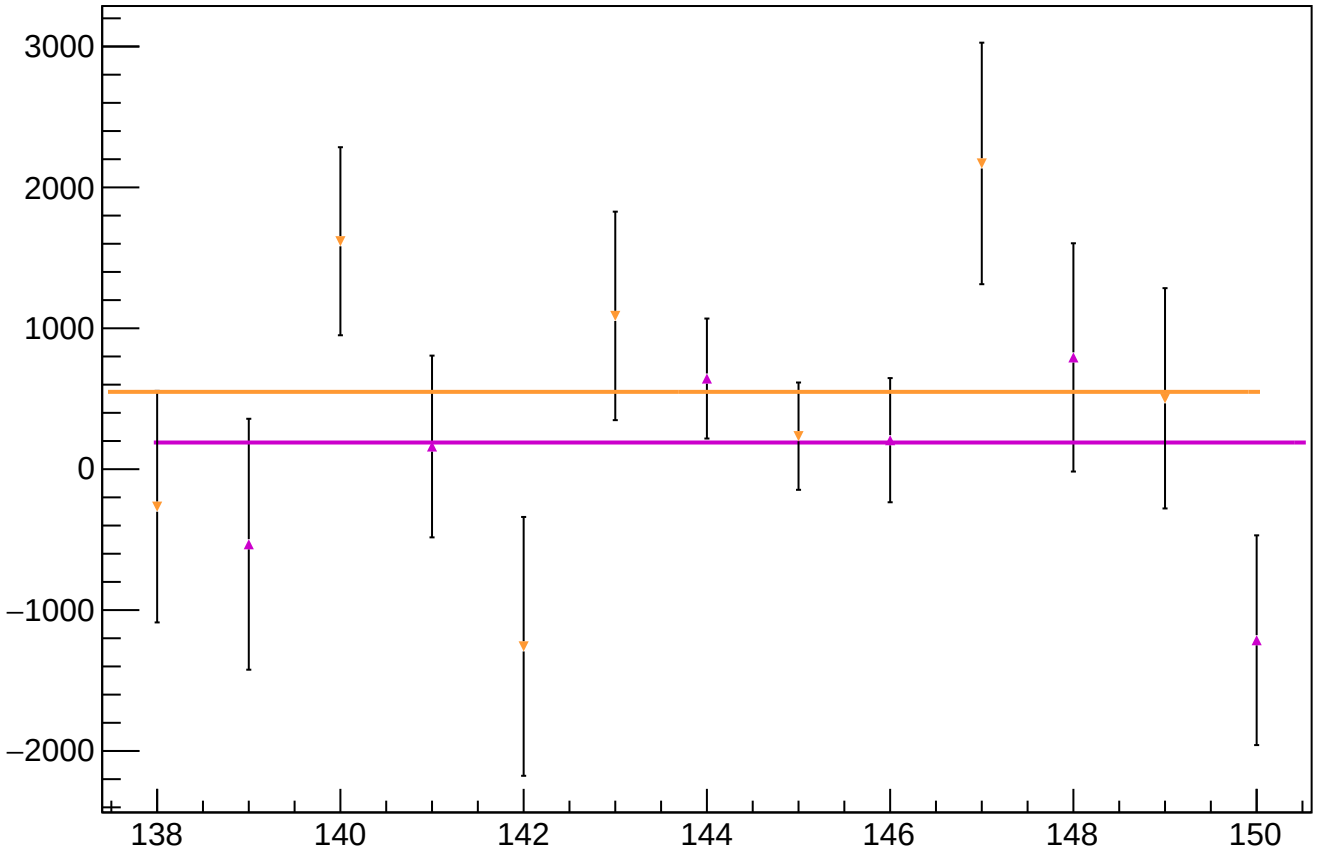
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 504.791+/-0.168 χ^2/NDF:775182.6/5

Out: 495.724+/-0.167 χ^2/NDF:1048332.7/6

All: 500.250+/-0.118 χ^2/NDF: 1824979.4/12

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 548.917+/-245.207 χ^2/NDF:12.2/6

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

Left In: 189.330+/-237.964 χ^2/NDF:5.9/5

Left: 363.734+/-170.769 χ^2/NDF: 19.2/12

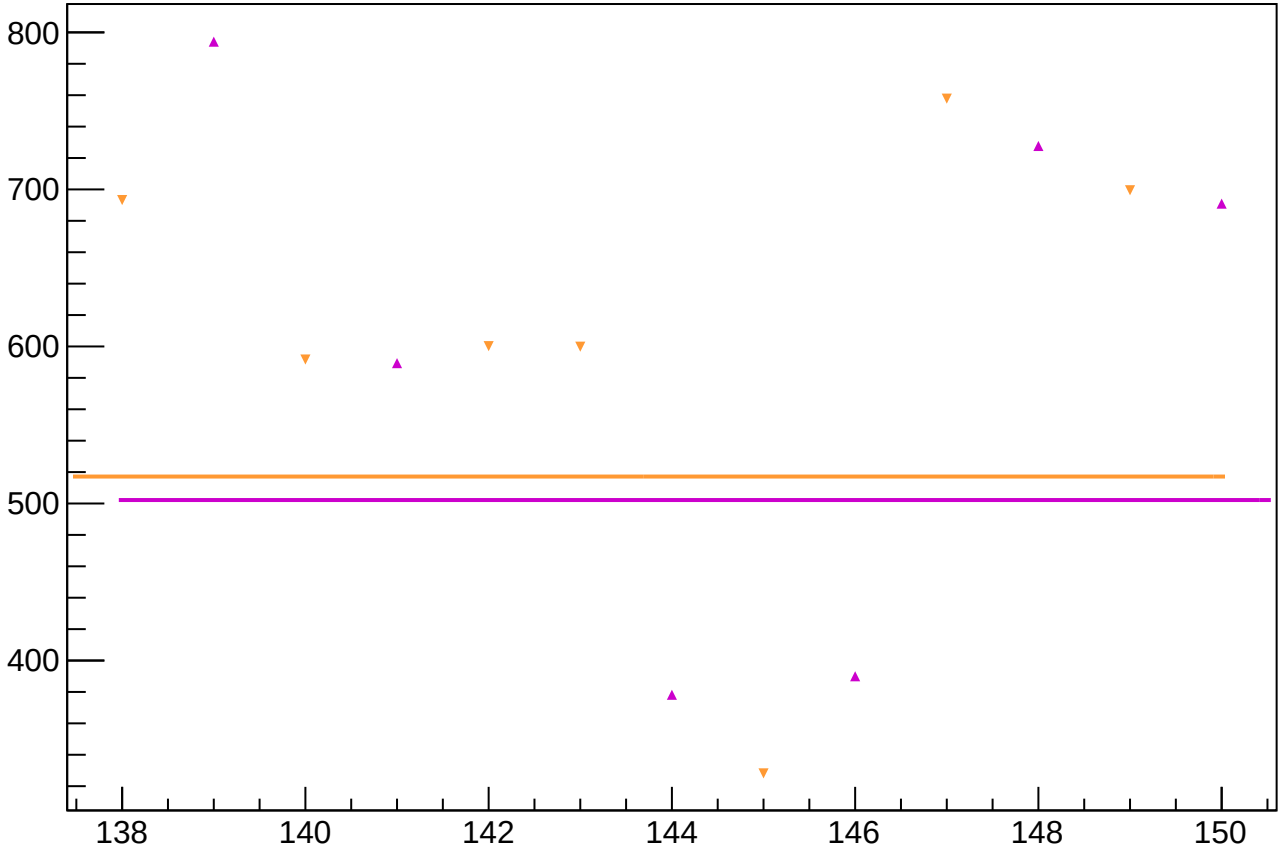
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 189.330+/-237.964 χ^2/NDF:5.9/5

Out: 548.917+/-245.207 χ^2/NDF:12.2/6

All: 363.734+/-170.769 χ^2/NDF: 19.2/12

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 517.161+/-0.173 χ^2/NDF:917212.4/6

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

Left In: 502.204+/-0.168 χ^2/NDF:834234.1/5

Left: 509.459+/-0.121 χ^2/NDF: 1755278.5/12

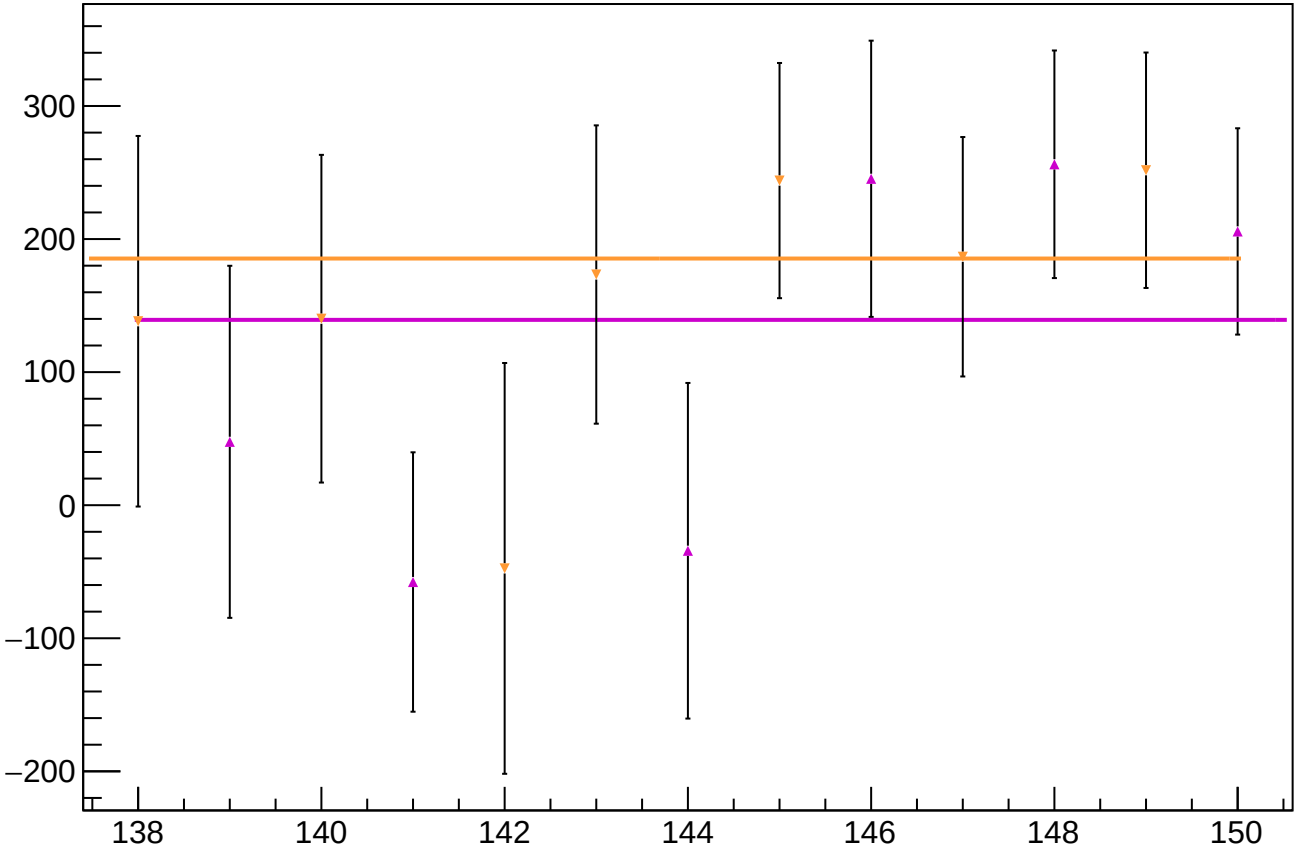
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 502.204+/-0.168 χ^2/NDF:834234.1/5

Out: 517.161+/-0.173 χ^2/NDF:917212.4/6

All: 509.459+/-0.121 χ^2/NDF: 1755278.5/12

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 185.365+/-40.211 χ^2/NDF:3.5/6

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

Left In: 139.274+/-40.122 χ^2/NDF:10.1/5

Left: 162.269+/-28.402 χ^2/NDF: 14.3/12

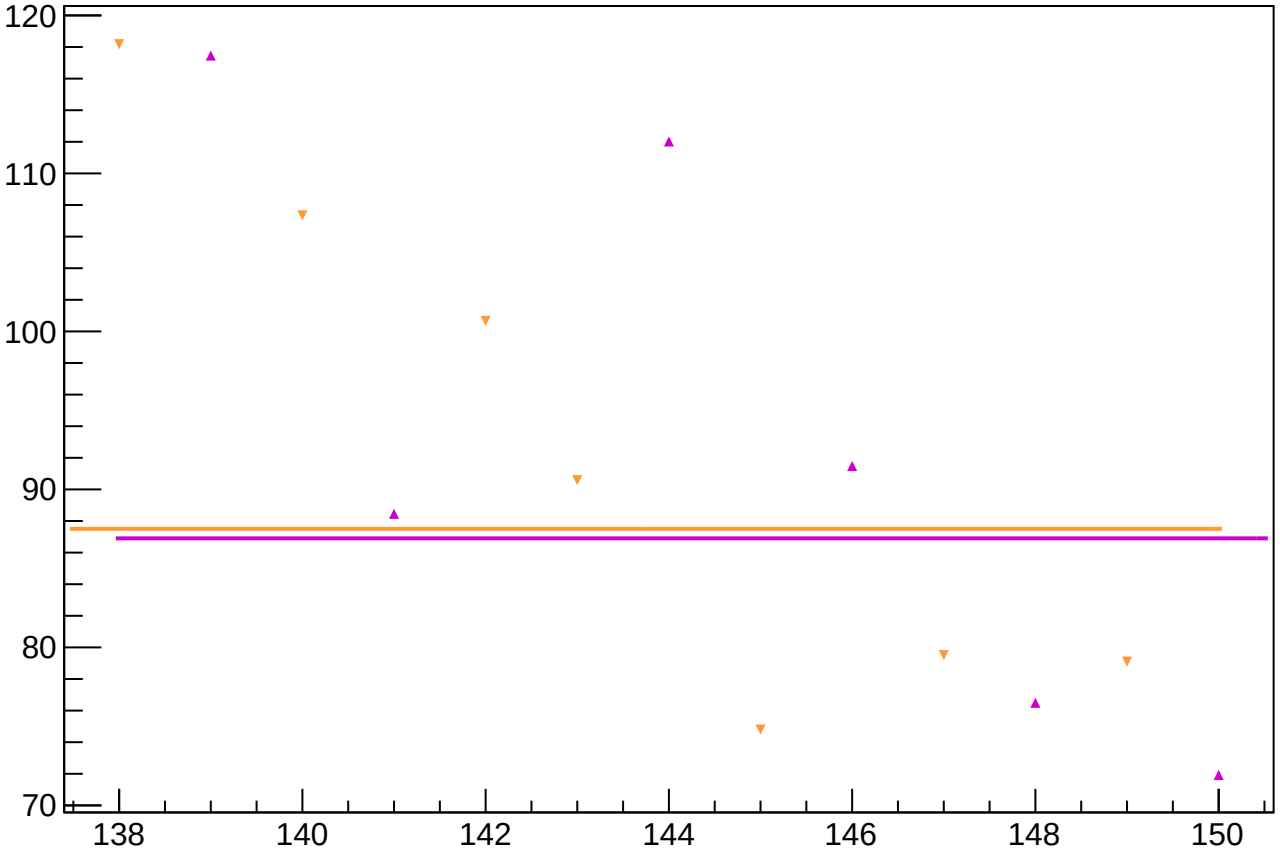
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 139.274+/-40.122 χ^2/NDF:10.1/5

Out: 185.365+/-40.211 χ^2/NDF:3.5/6

All: 162.269+/-28.402 χ^2/NDF: 14.3/12

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 87.503+/-0.028 χ^2/NDF:240193.4/6

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

Left In: 86.902+/-0.028 χ^2/NDF:294684.0/5

Left: 87.202+/-0.020 χ^2/NDF: 535101.6/12

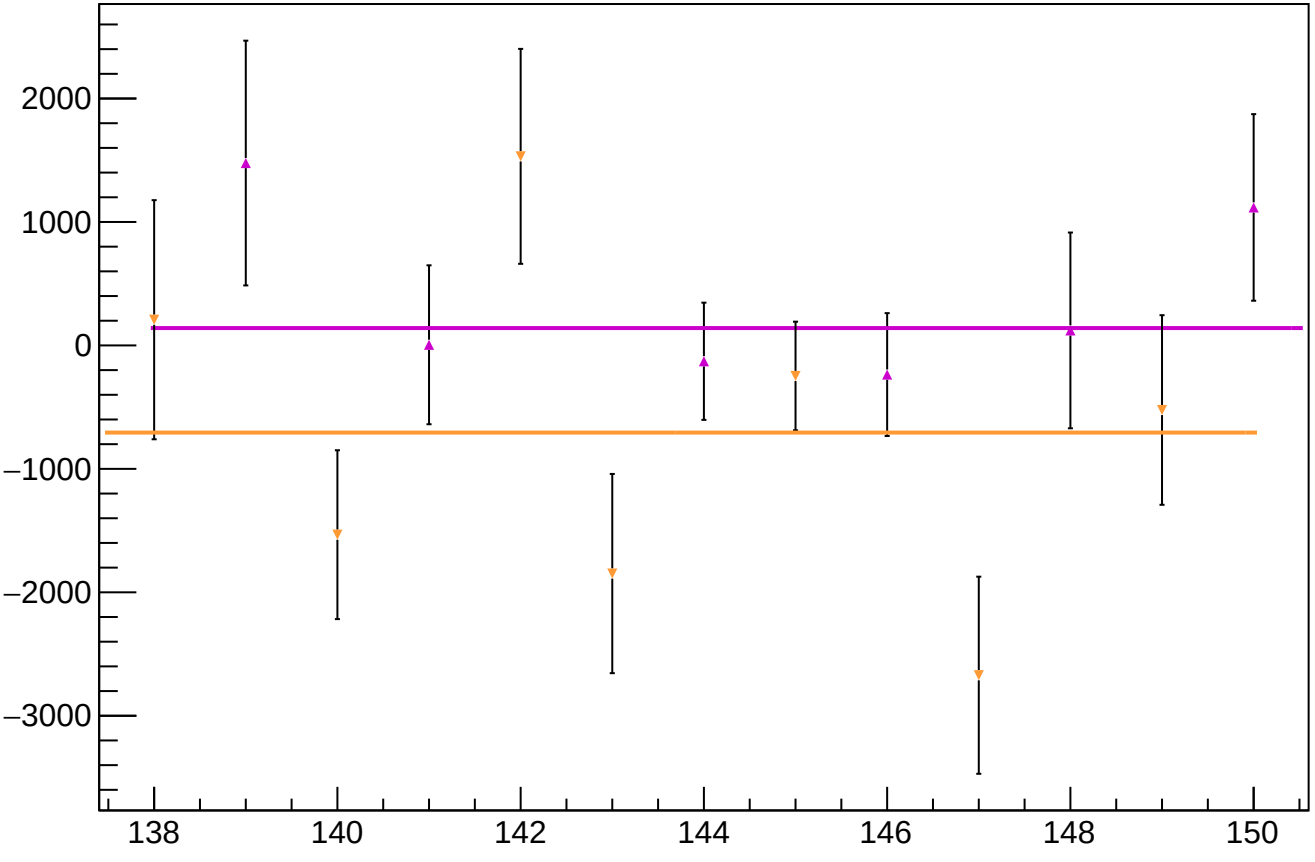
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 86.902+/-0.028 χ^2/NDF:294684.0/5

Out: 87.503+/-0.028 χ^2/NDF:240193.4/6

All: 87.202+/-0.020 χ^2/NDF: 535101.6/12

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -706.025+/-262.700 χ^2/NDF:18.2/6

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

Left In: 140.595+/-256.084 χ^2/NDF:4.4/5

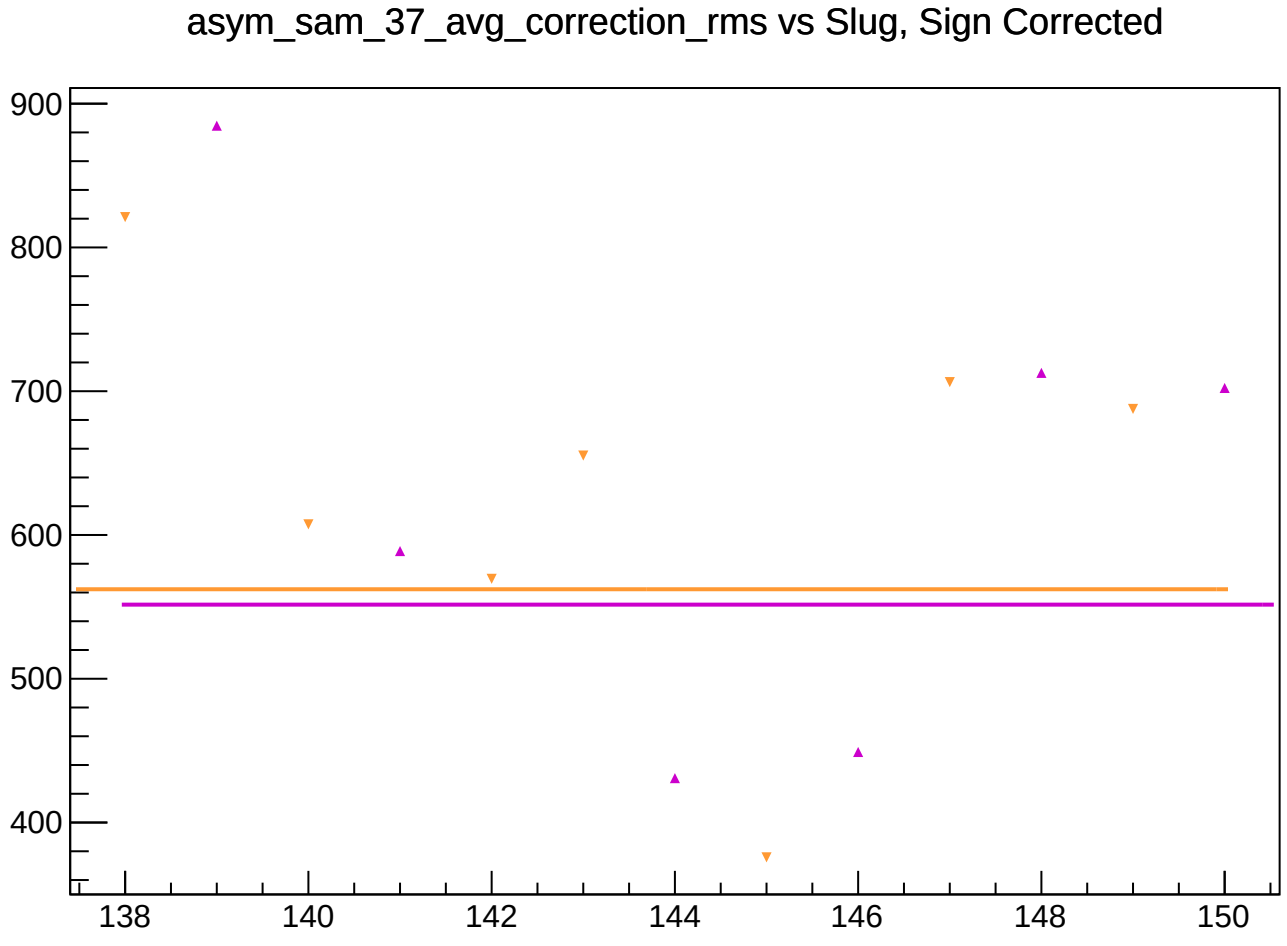
Left: -271.921+/-183.373 χ^2/NDF: 27.9/12

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 140.595+/-256.084 χ^2/NDF:4.4/5

Out: -706.025+/-262.700 χ^2/NDF:18.2/6

All: -271.921+/-183.373 χ^2/NDF: 27.9/12



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

Left Out: 562.252+/-0.186 χ^2/NDF:656093.5/6

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

Left In: 551.549+/-0.181 χ^2/NDF:608890.6/5

Left: 556.764+/-0.130 χ^2/NDF: 1266686.2/12

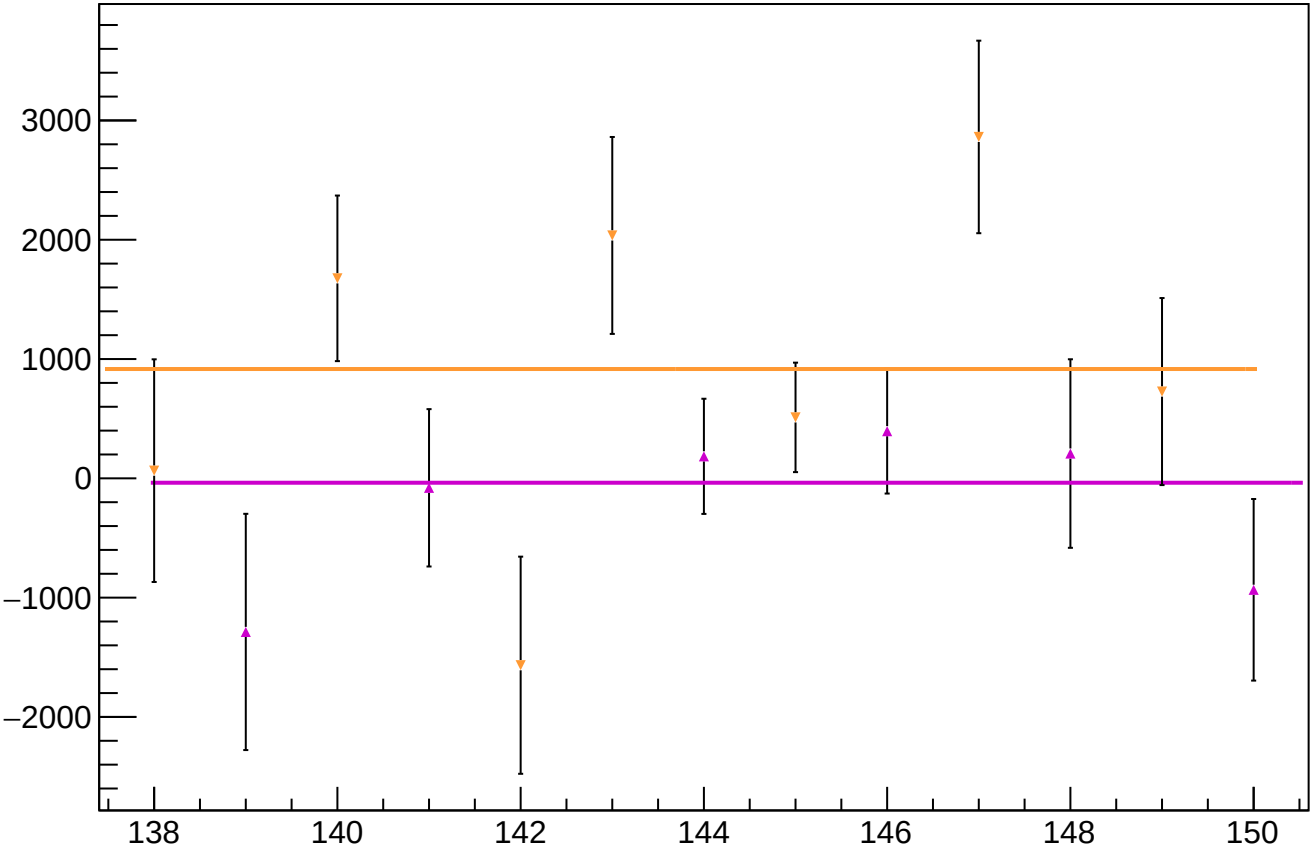
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 551.549+/-0.181 χ^2/NDF:608890.6/5

Out: 562.252+/-0.186 χ^2/NDF:656093.5/6

All: 556.764+/-0.130 χ^2/NDF: 1266686.2/12

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 916.396+/-269.071 χ^2/NDF:18.0/6

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

Left In: -36.857+/-261.745 χ^2/NDF:4.0/5

Left: 426.616+/-187.618 χ^2/NDF: 28.4/12

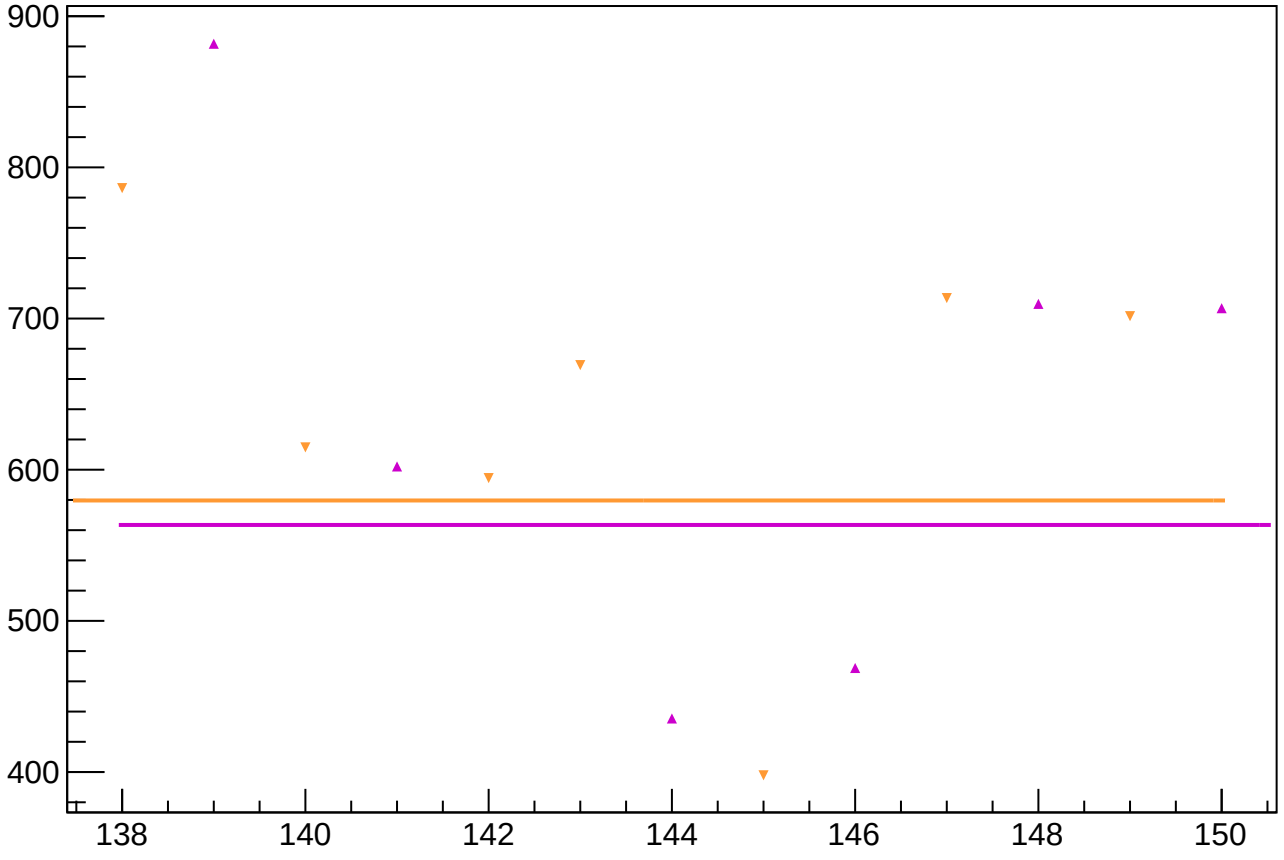
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.857+/-261.745 χ^2/NDF:4.0/5

Out: 916.396+/-269.071 χ^2/NDF:18.0/6

All: 426.616+/-187.618 χ^2/NDF: 28.4/12

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 579.644+/-0.190 χ^2/NDF:544649.4/6

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

Left In: 563.450+/-0.185 χ^2/NDF:559290.8/5

Left: 571.324+/-0.133 χ^2/NDF: 1107662.7/12

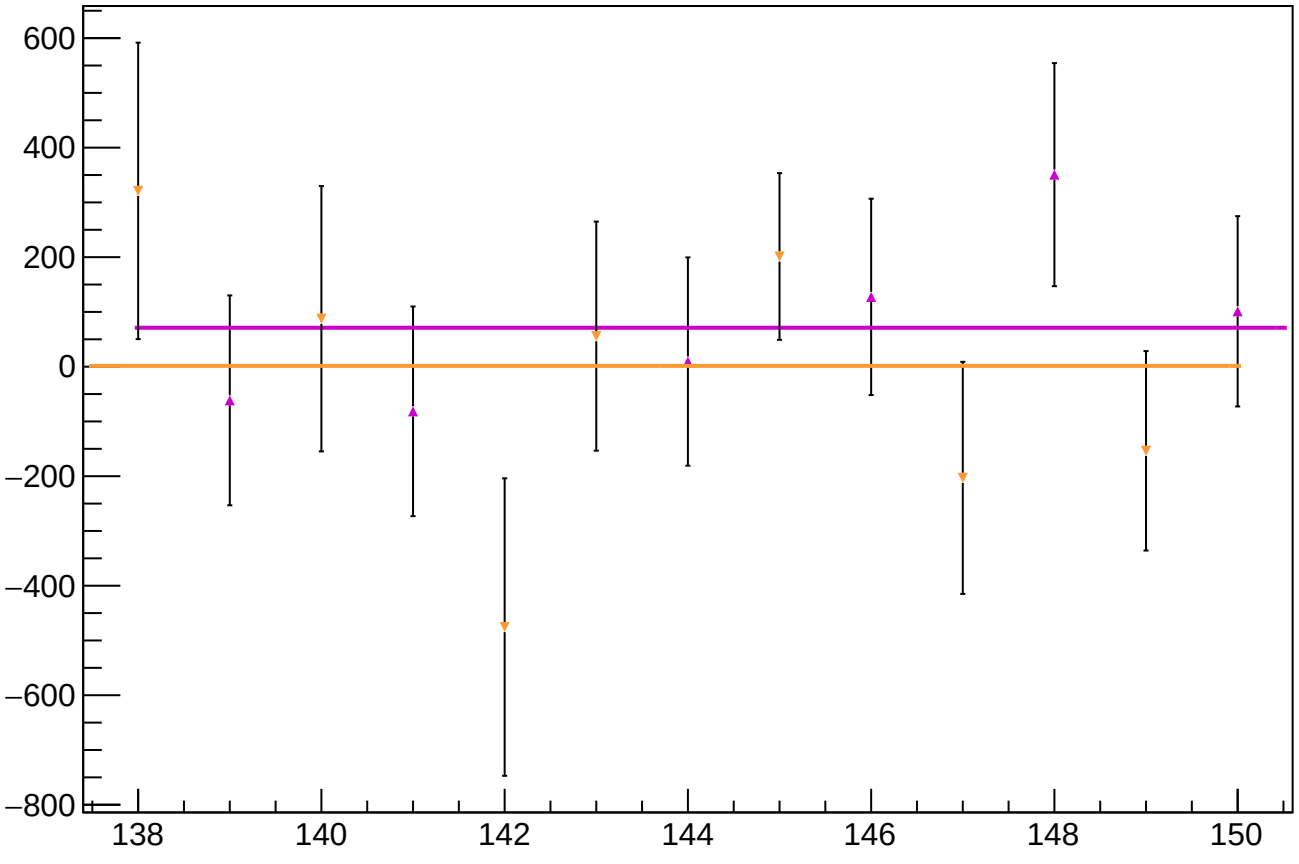
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 563.450+/-0.185 χ^2/NDF:559290.8/5

Out: 579.644+/-0.190 χ^2/NDF:544649.4/6

All: 571.324+/-0.133 χ^2/NDF: 1107662.7/12

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1.438+/-78.406 χ^2/NDF:8.0/6

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

Left In: 71.110+/-76.582 χ^2/NDF:3.2/5

Left: 37.094+/-54.785 χ^2/NDF: 11.7/12

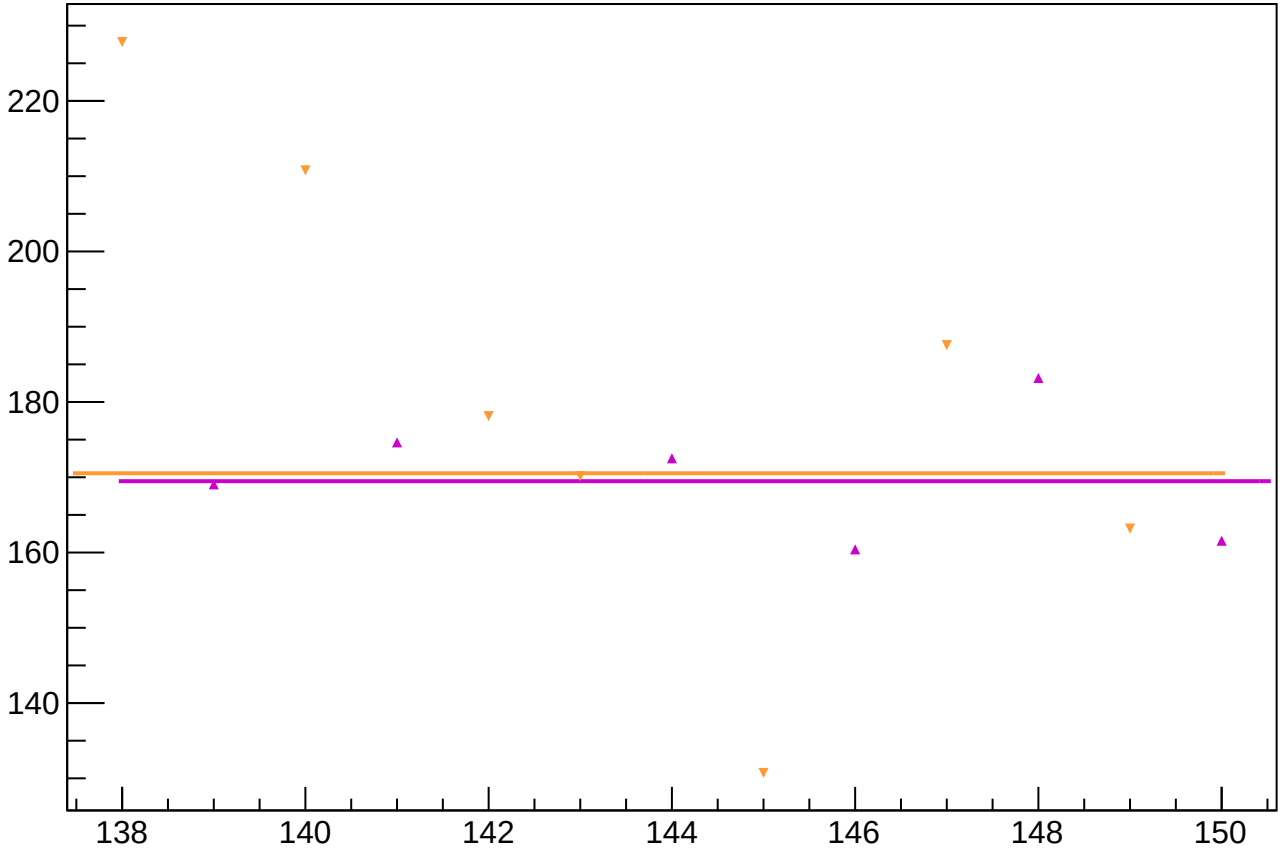
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.110+/-76.582 χ^2/NDF:3.2/5

Out: 1.438+/-78.406 χ^2/NDF:8.0/6

All: 37.094+/-54.785 χ^2/NDF: 11.7/12

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 170.532+/-0.055 χ^2/NDF:299335.8/6

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

Left In: 169.480+/-0.054 χ^2/NDF:20282.2/5

Left: 169.994+/-0.039 χ^2/NDF: 319802.3/12

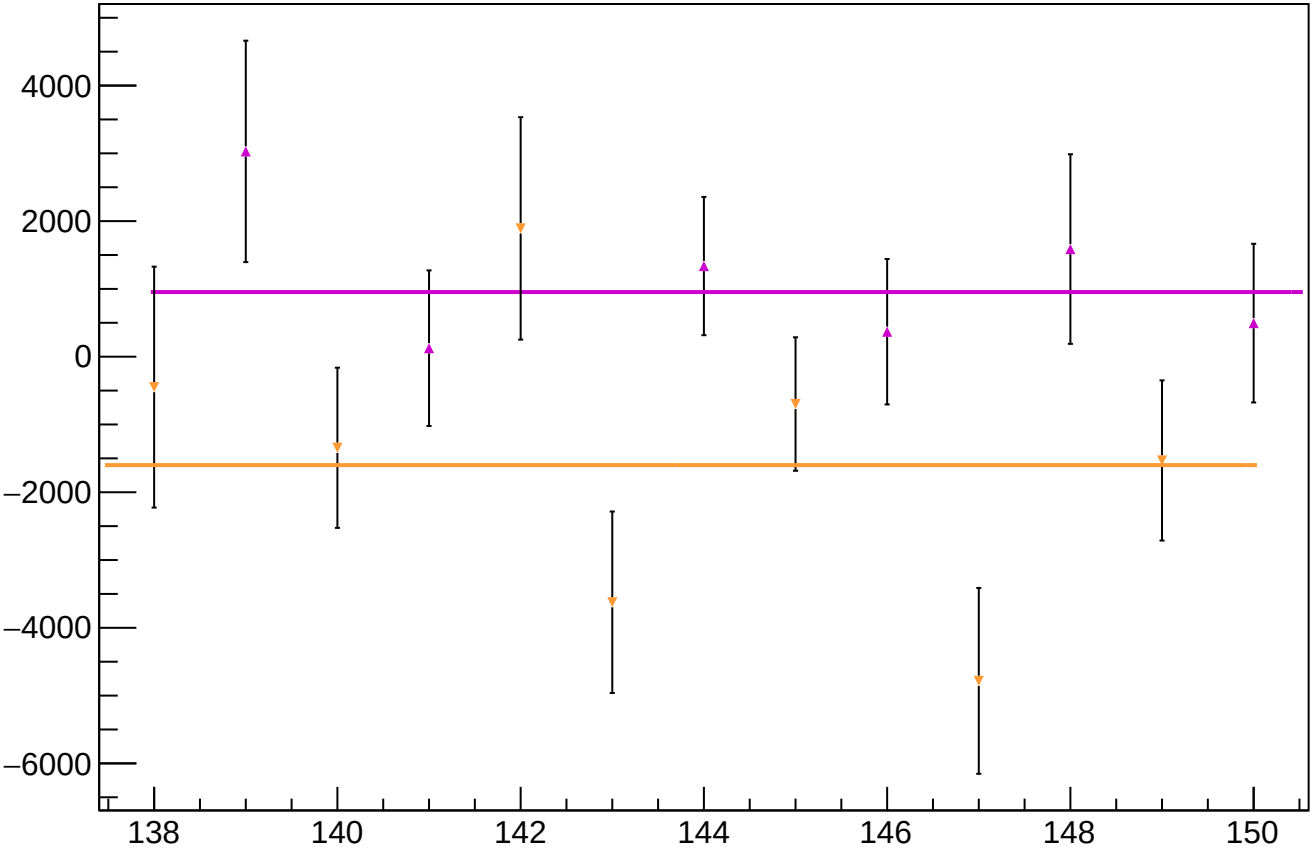
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 169.480+/-0.054 χ^2/NDF:20282.2/5

Out: 170.532+/-0.055 χ^2/NDF:299335.8/6

All: 169.994+/-0.039 χ^2/NDF: 319802.3/12

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1599.480+/-485.556 χ^2/NDF:13.5/6

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

Left In: 953.388+/-487.677 χ^2/NDF:2.9/5

Left: -328.610+/-344.088 χ^2/NDF: 30.2/12

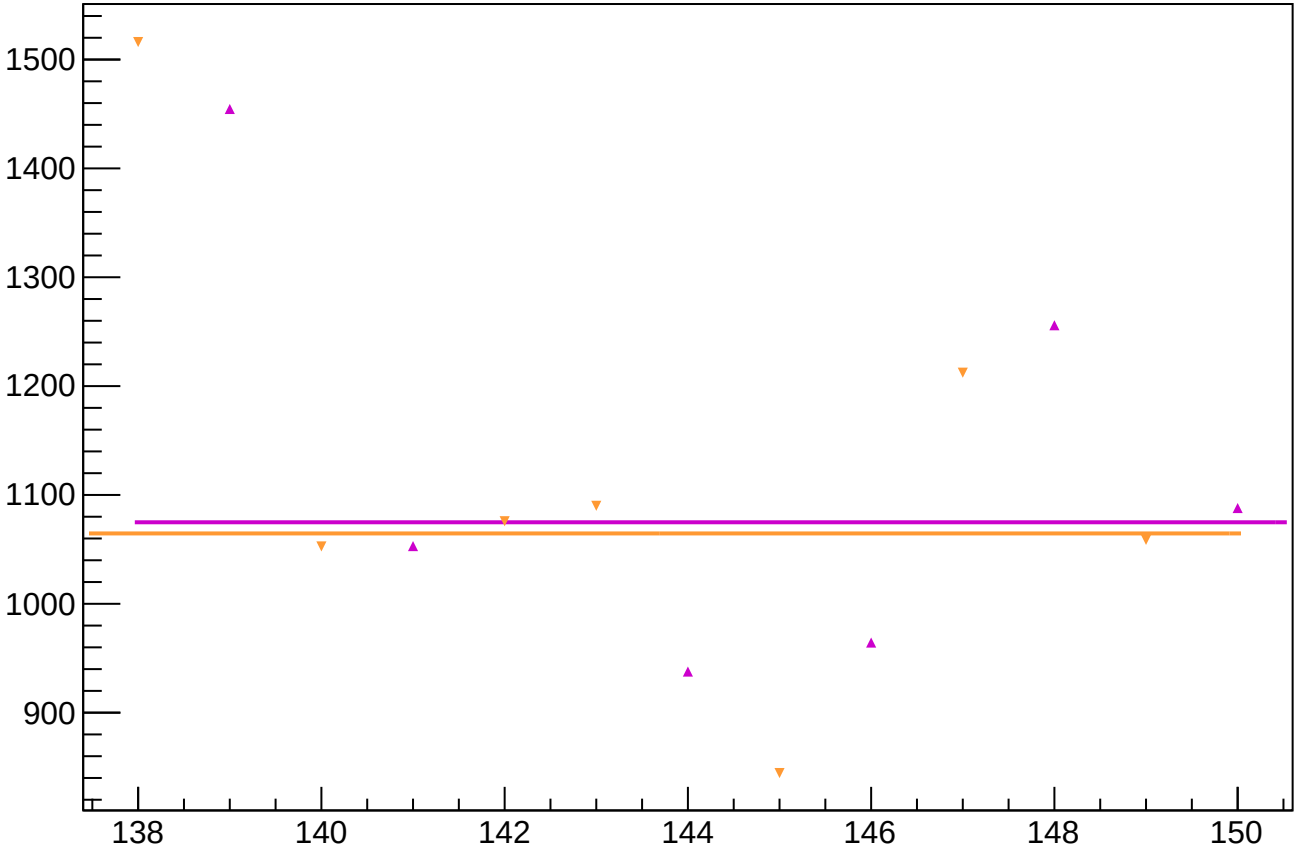
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 953.388+/-487.677 χ^2/NDF:2.9/5

Out: -1599.480+/-485.556 χ^2/NDF:13.5/6

All: -328.610+/-344.088 χ^2/NDF: 30.2/12

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1064.649+/-0.343 χ^2/NDF:253270.5/6

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

Left In: 1074.902+/-0.345 χ^2/NDF:199898.6/5

Left: 1069.754+/-0.243 χ^2/NDF: 453613.1/12

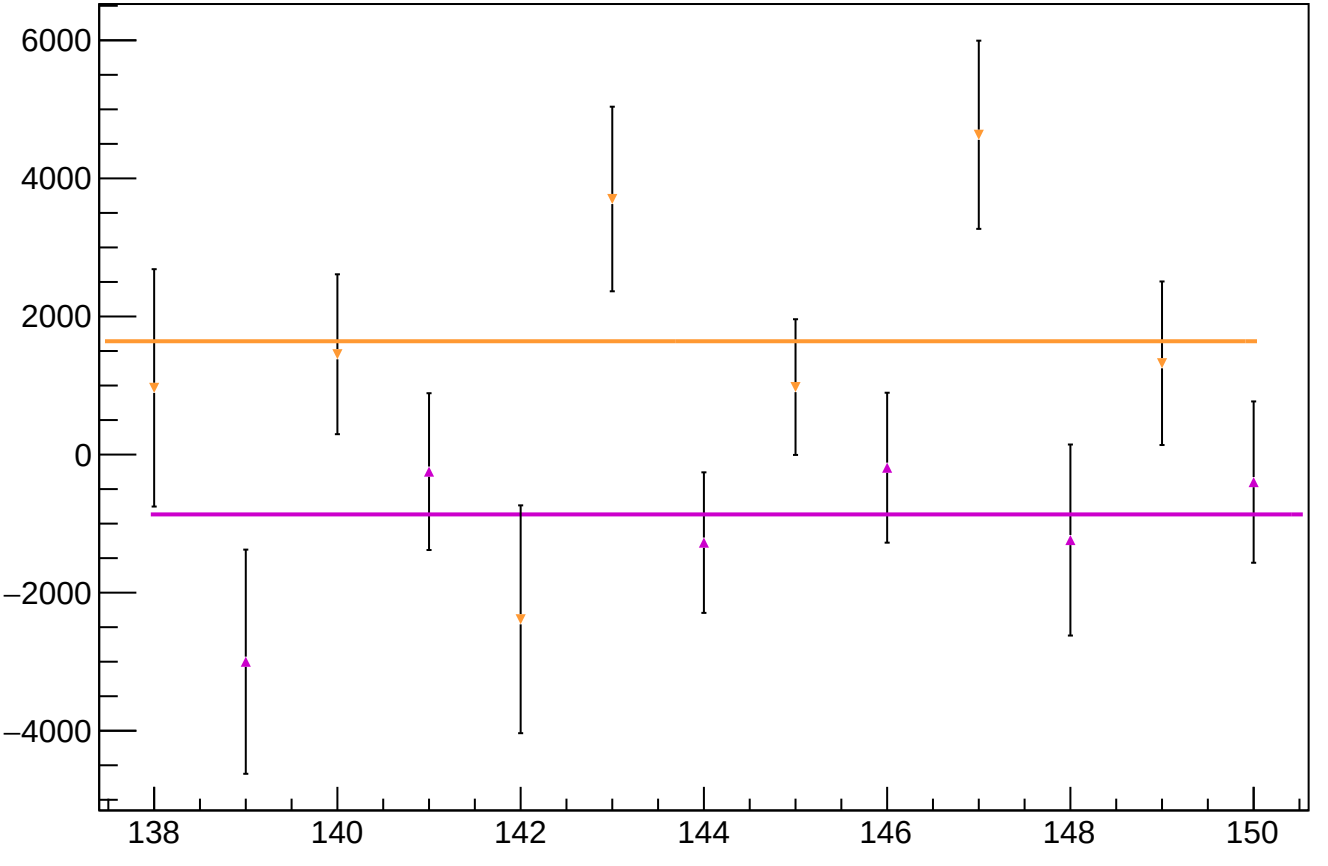
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1074.902+/-0.345 χ^2/NDF:199898.6/5

Out: 1064.649+/-0.343 χ^2/NDF:253270.5/6

All: 1069.754+/-0.243 χ^2/NDF: 453613.1/12

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1641.466+/-482.369 χ^2/NDF:13.9/6

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

Left In: -866.650+/-486.597 χ^2/NDF:2.8/5

Left: 398.353+/-342.571 χ^2/NDF: 30.1/12

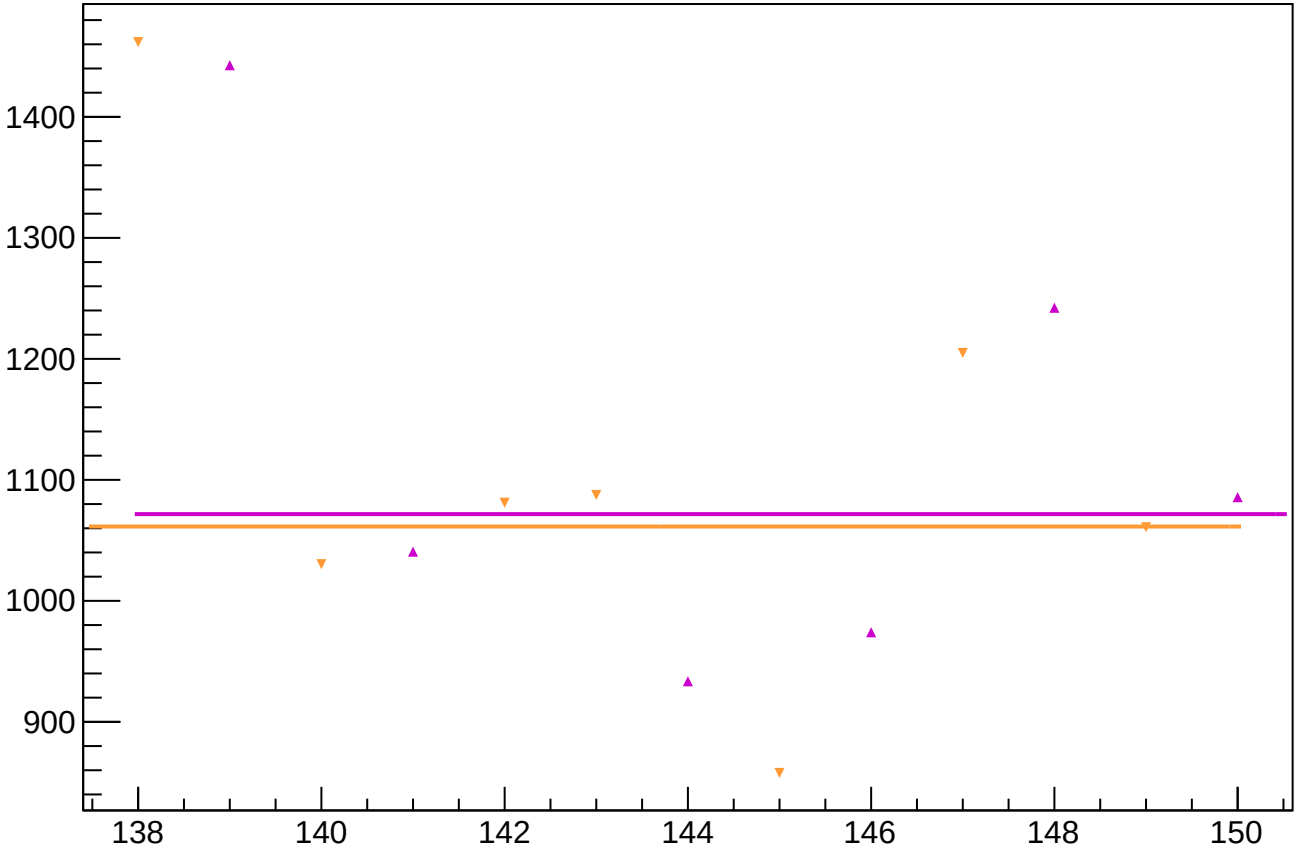
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -866.650+/-486.597 χ^2/NDF:2.8/5

Out: 1641.466+/-482.369 χ^2/NDF:13.9/6

All: 398.353+/-342.571 χ^2/NDF: 30.1/12

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1061.436+/-0.341 χ^2/NDF:219031.1/6

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

Left In: 1071.686+/-0.344 χ^2/NDF:189646.2/5

Left: 1066.517+/-0.242 χ^2/NDF: 409124.9/12

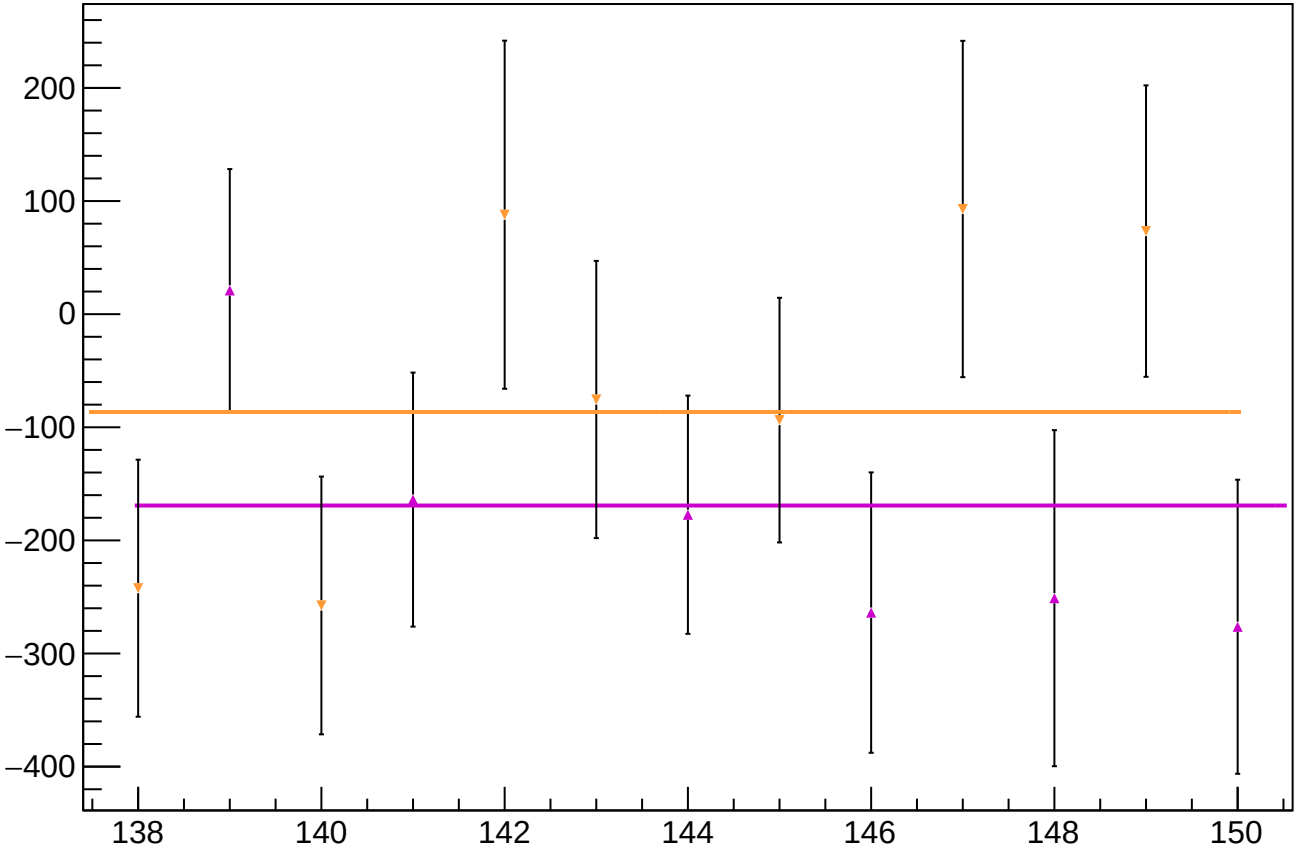
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1071.686+/-0.344 χ^2/NDF:189646.2/5

Out: 1061.436+/-0.341 χ^2/NDF:219031.1/6

All: 1066.517+/-0.242 χ^2/NDF: 409124.9/12

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -86.473+/-46.917 χ^2/NDF:8.4/6

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

Left In: -169.176+/-48.451 χ^2/NDF:4.7/5

Left: -126.495+/-33.705 χ^2/NDF: 14.7/12

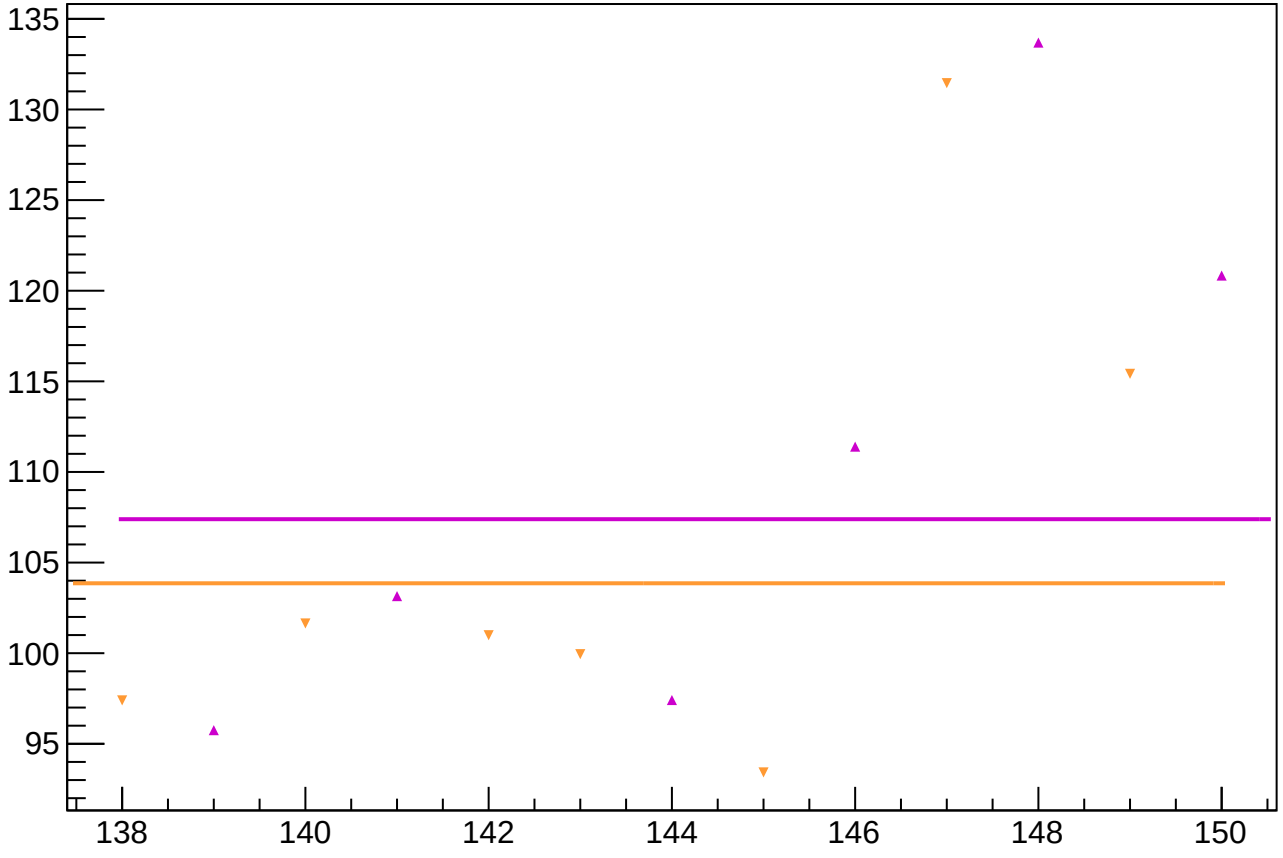
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -169.176+/-48.451 χ^2/NDF:4.7/5

Out: -86.473+/-46.917 χ^2/NDF:8.4/6

All: -126.495+/-33.705 χ^2/NDF: 14.7/12

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 103.857+/-0.033 χ^2/NDF:113585.1/6

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

Left In: 107.394+/-0.034 χ^2/NDF:130526.2/5

Left: 105.569+/-0.024 χ^2/NDF: 249609.5/12

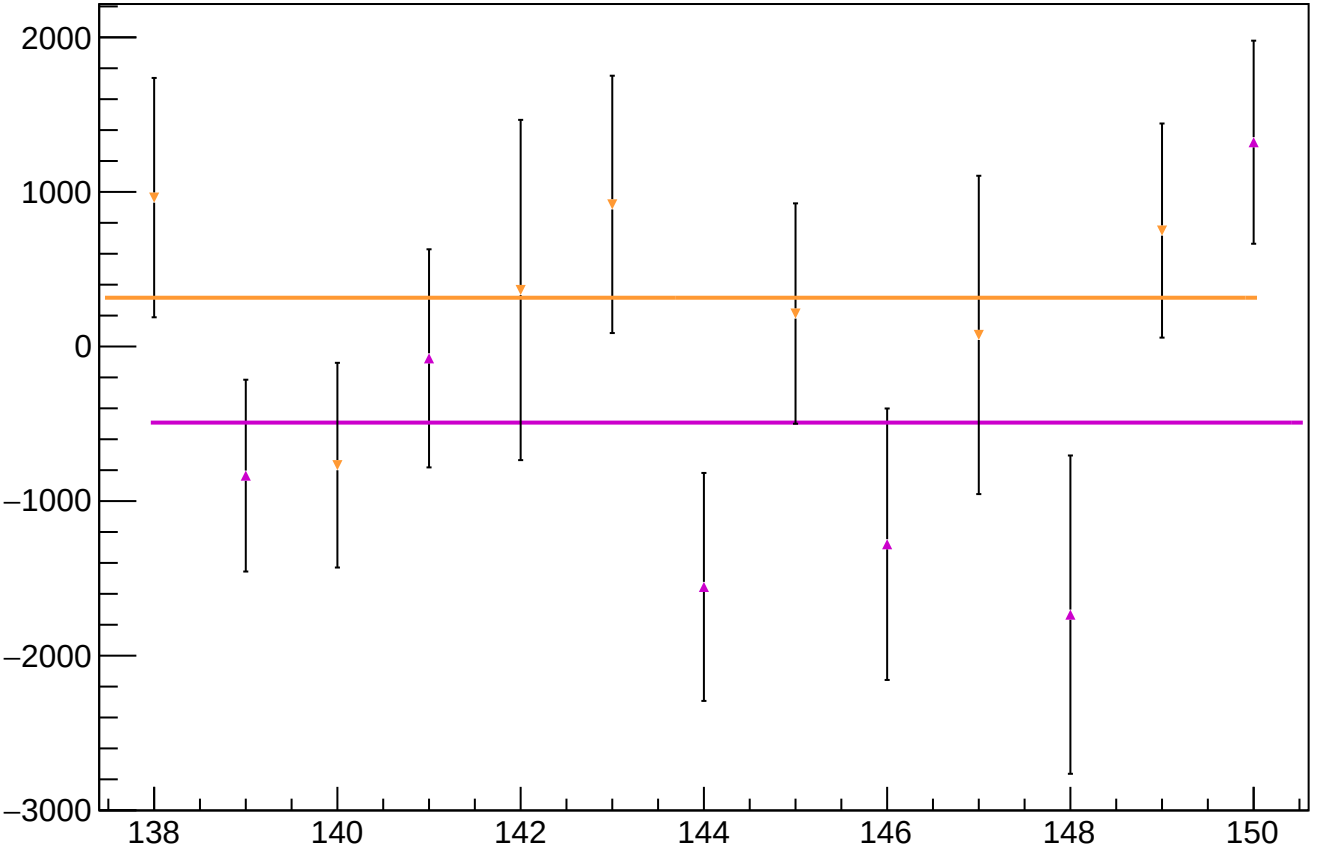
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.394+/-0.034 χ^2/NDF:130526.2/5

Out: 103.857+/-0.033 χ^2/NDF:113585.1/6

All: 105.569+/-0.024 χ^2/NDF: 249609.5/12

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 315.519+/-298.616 χ^2/NDF:4.4/6

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

Left In: -492.267+/-301.459 χ^2/NDF:12.6/5

Left: -84.546+/-212.151 χ^2/NDF: 20.6/12

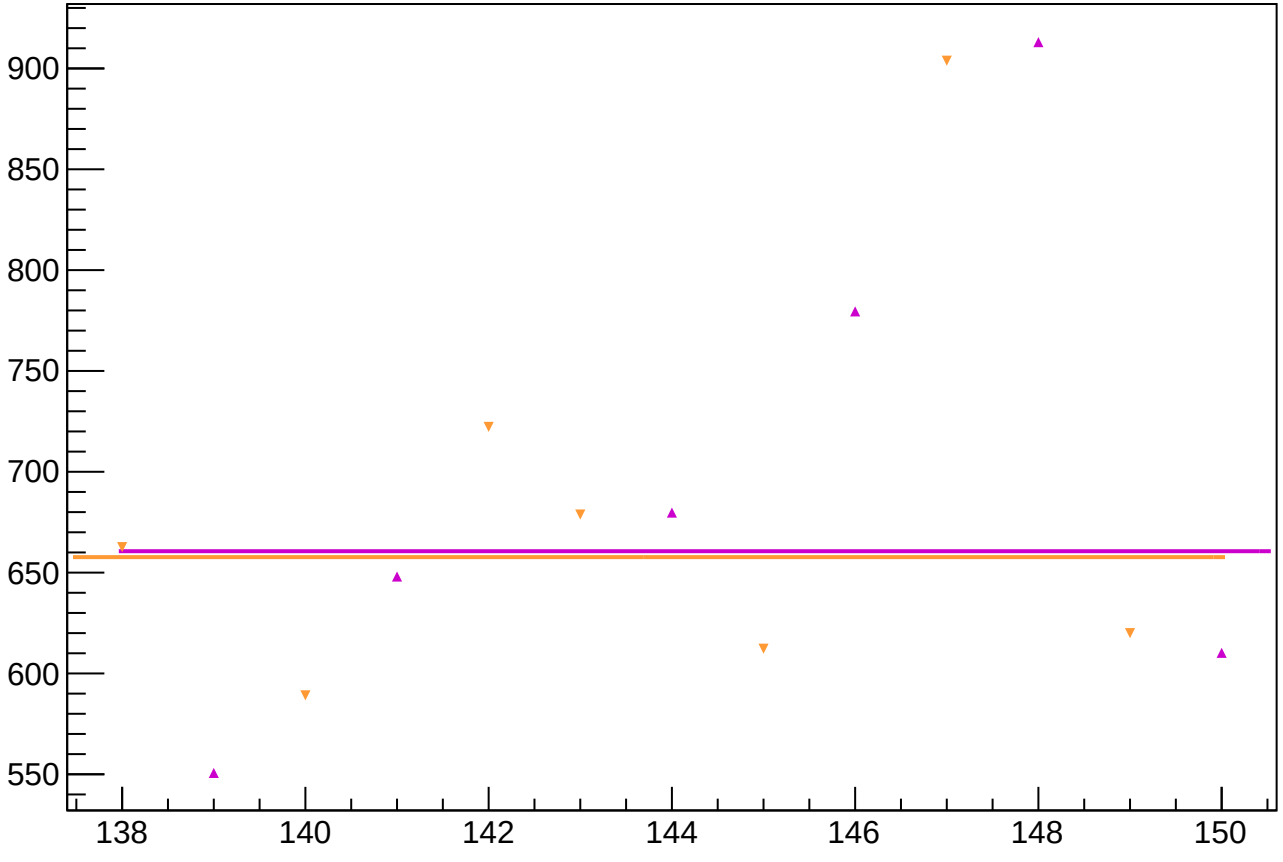
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -492.267+/-301.459 χ^2/NDF:12.6/5

Out: 315.519+/-298.616 χ^2/NDF:4.4/6

All: -84.546+/-212.151 χ^2/NDF: 20.6/12

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 657.678+/-0.211 χ^2/NDF:158046.2/6

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

Left In: 660.615+/-0.213 χ^2/NDF:233453.1/5

Left: 659.132+/-0.150 χ^2/NDF: 391595.1/12

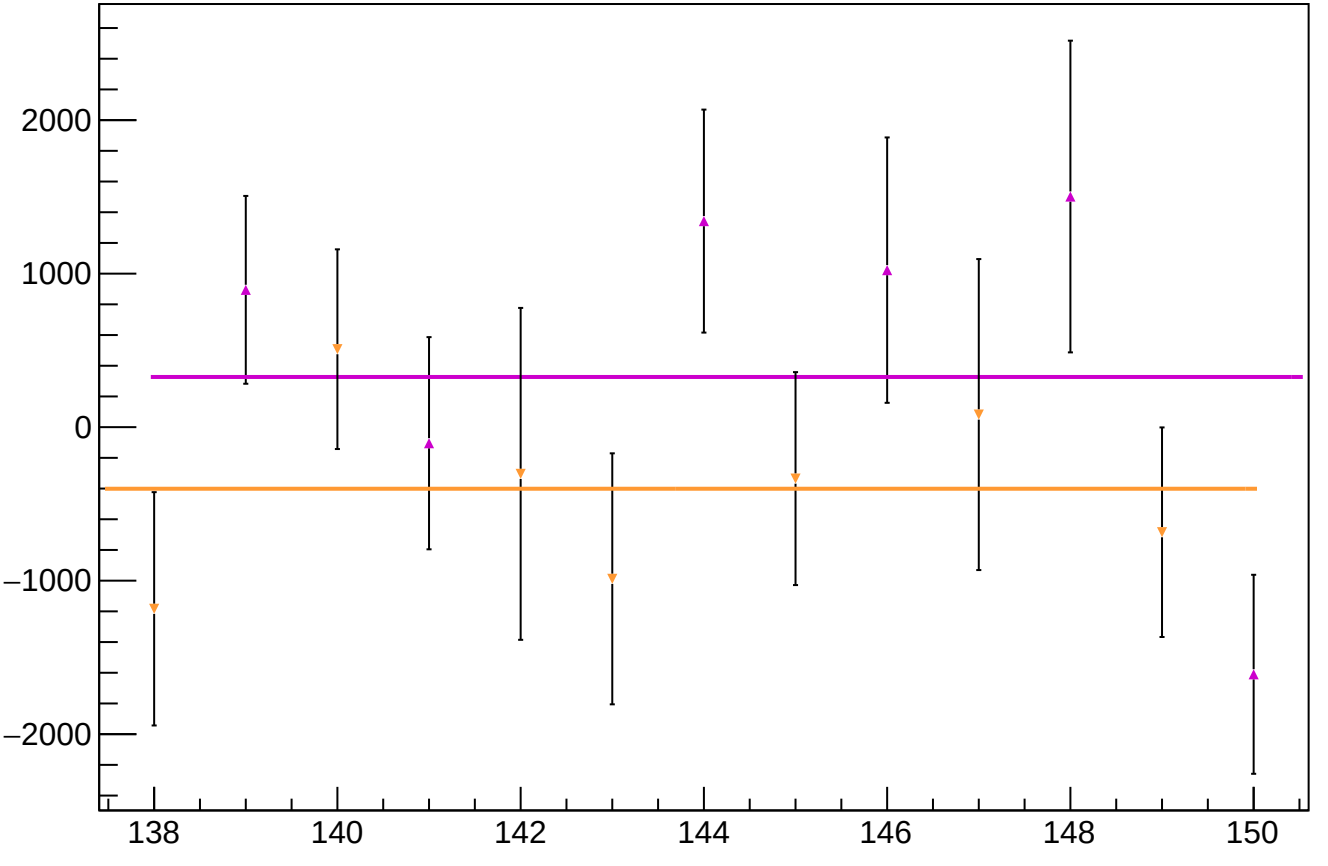
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 660.615+/-0.213 χ^2/NDF:233453.1/5

Out: 657.678+/-0.211 χ^2/NDF:158046.2/6

All: 659.132+/-0.150 χ^2/NDF: 391595.1/12

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -401.194+/-293.024 χ^2/NDF:3.9/6

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

Left In: 326.892+/-296.828 χ^2/NDF:14.1/5

Left: -41.846+/-208.531 χ^2/NDF: 21.1/12

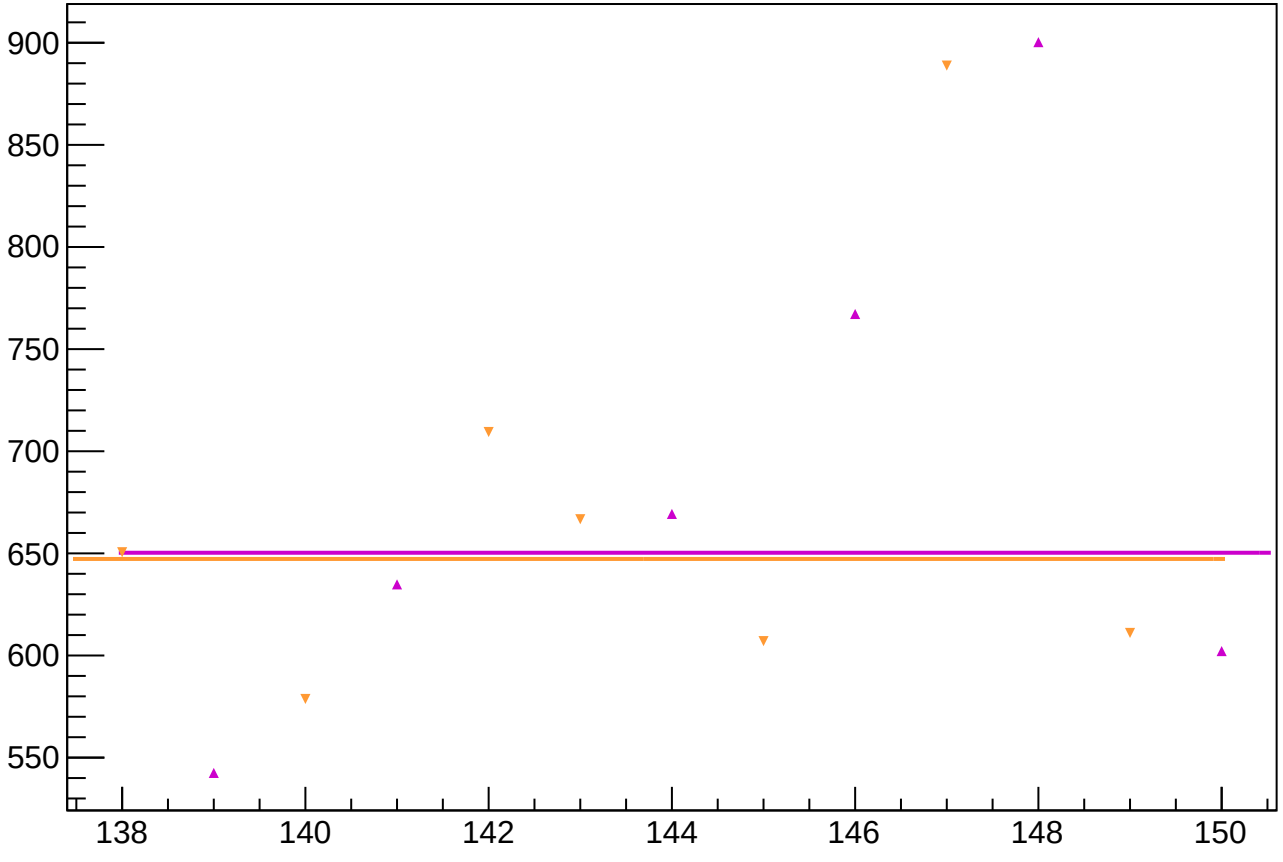
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 326.892+/-296.828 χ^2/NDF:14.1/5

Out: -401.194+/-293.024 χ^2/NDF:3.9/6

All: -41.846+/-208.531 χ^2/NDF: 21.1/12

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 647.267+/-0.207 χ^2/NDF:156088.6/6

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

Left In: 650.307+/-0.210 χ^2/NDF:233336.4/5

Left: 648.767+/-0.147 χ^2/NDF: 389531.2/12

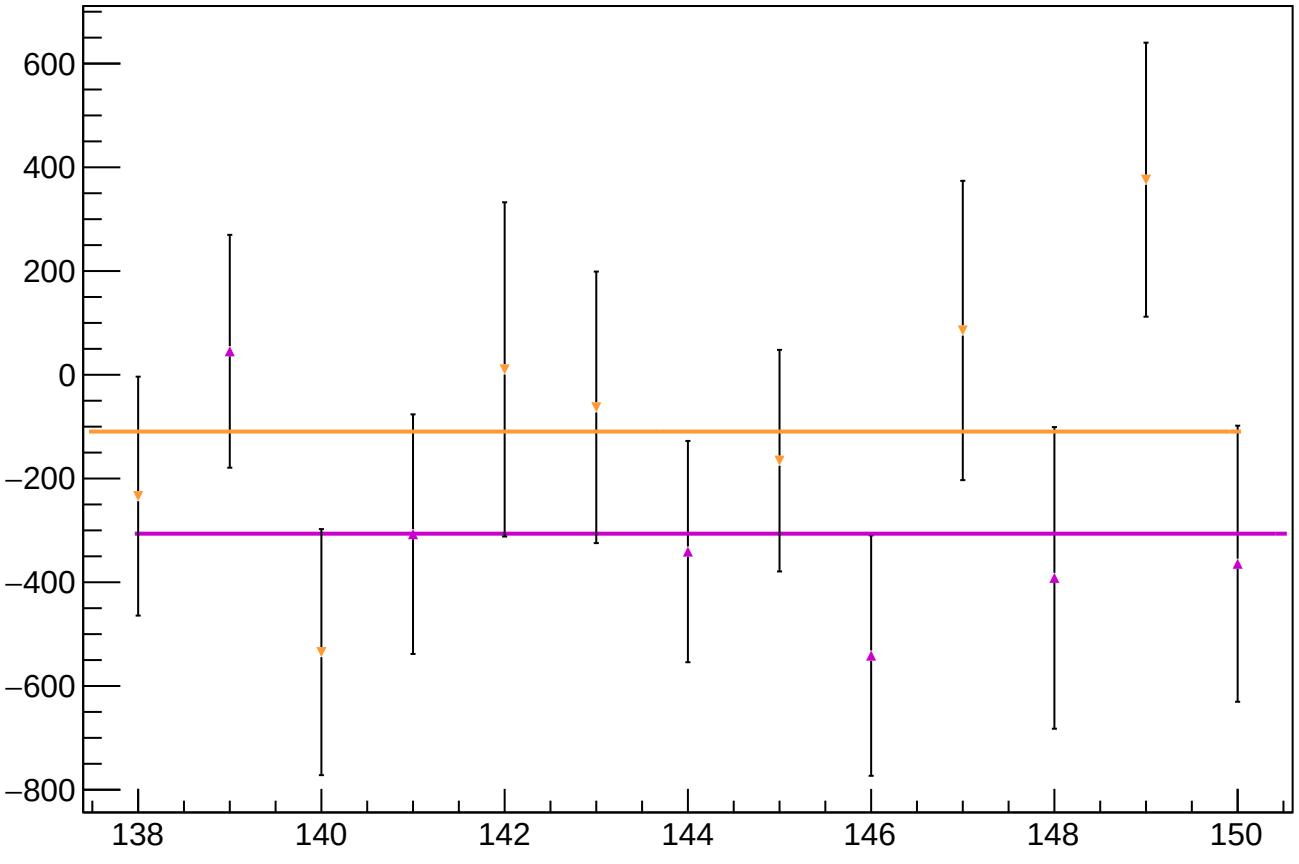
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 650.307+/-0.210 χ^2/NDF:233336.4/5

Out: 647.267+/-0.207 χ^2/NDF:156088.6/6

All: 648.767+/-0.147 χ^2/NDF: 389531.2/12

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -109.456+/-95.732 χ^2/NDF:7.6/6

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

Left In: -306.322+/-97.531 χ^2/NDF:3.6/5

Left: -206.056+/-68.320 χ^2/NDF: 13.3/12

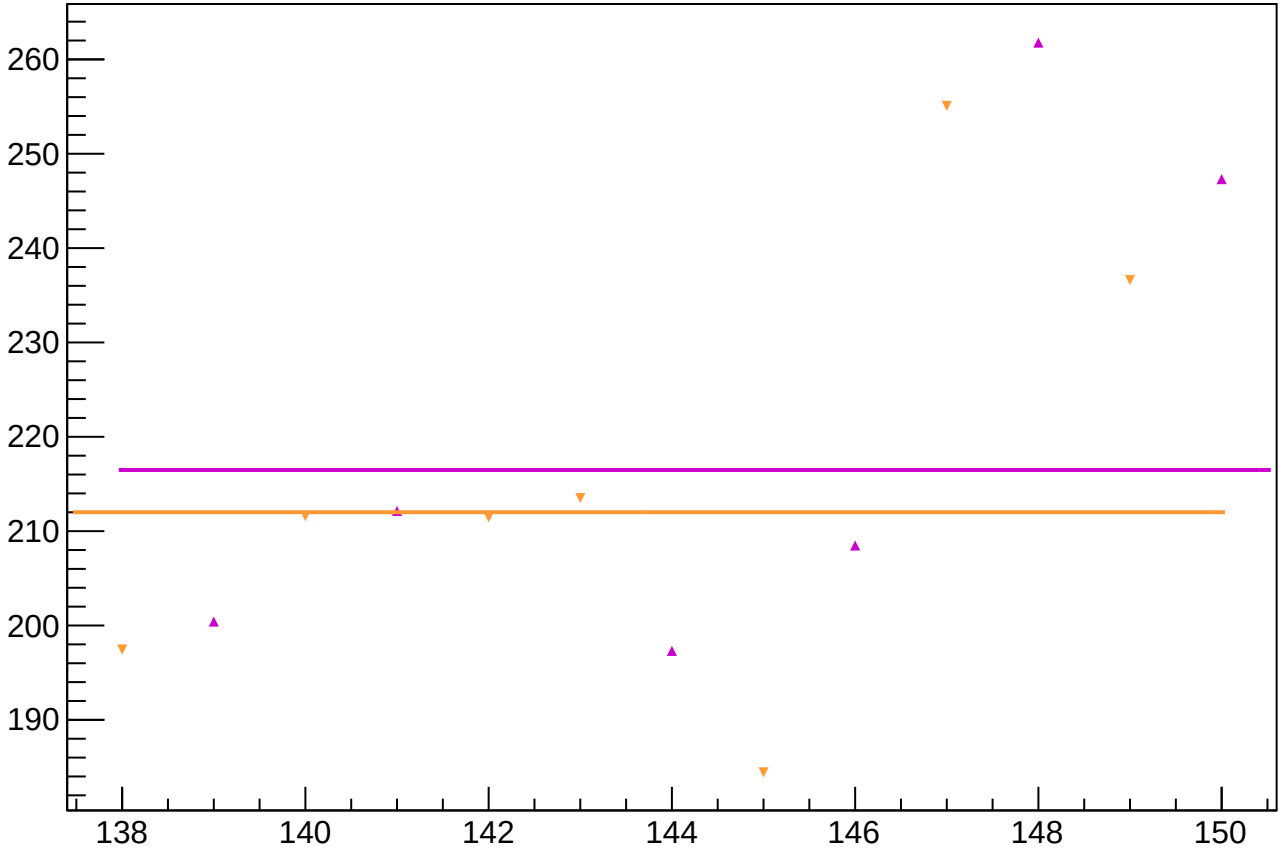
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -306.322+/-97.531 χ^2/NDF:3.6/5

Out: -109.456+/-95.732 χ^2/NDF:7.6/6

All: -206.056+/-68.320 χ^2/NDF: 13.3/12

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 212.008+/-0.068 χ^2/NDF:103295.3/6

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

Left In: 216.486+/-0.069 χ^2/NDF:104855.1/5

Left: 214.205+/-0.048 χ^2/NDF: 210297.6/12

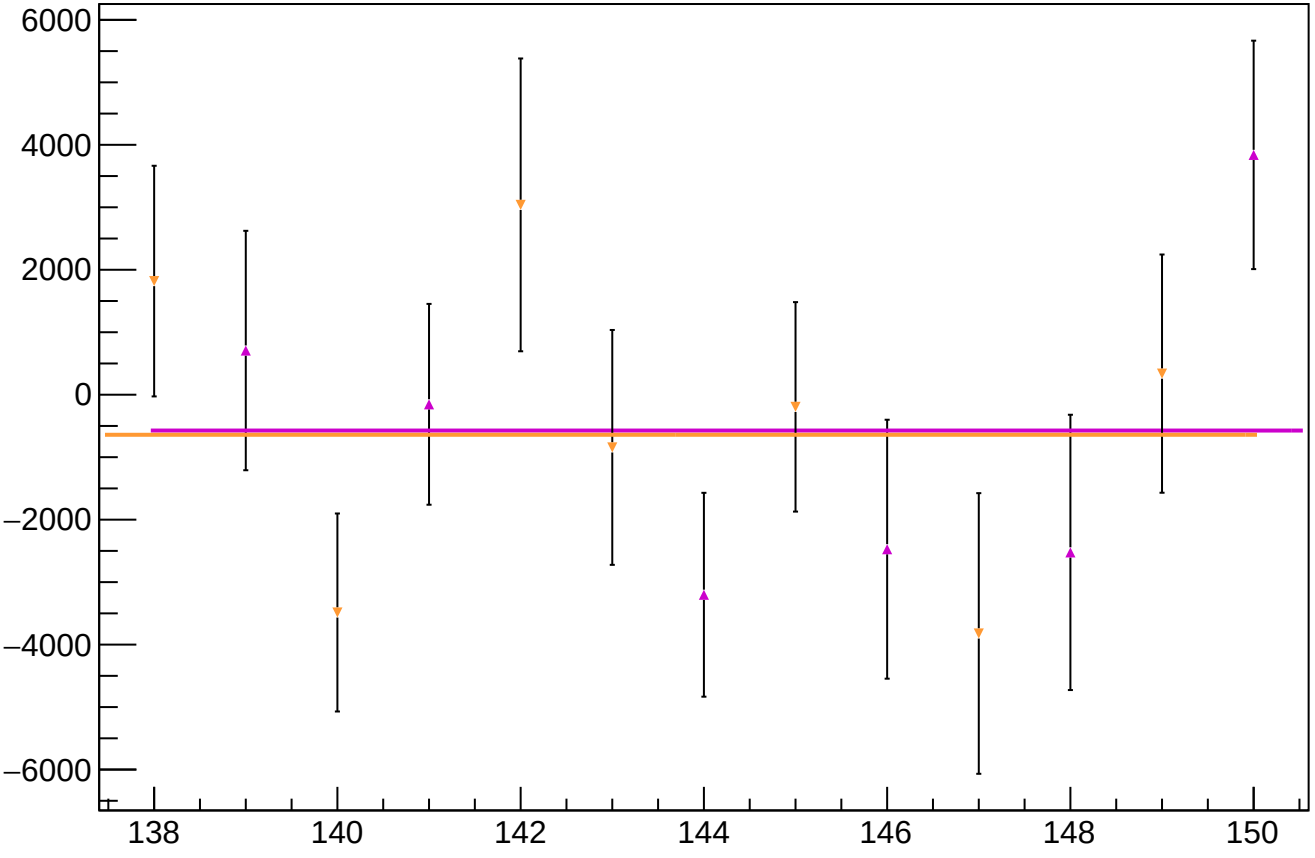
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.486+/-0.069 χ^2/NDF:104855.1/5

Out: 212.008+/-0.068 χ^2/NDF:103295.3/6

All: 214.205+/-0.048 χ^2/NDF: 210297.6/12

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -641.386+/-709.619 χ^2/NDF:9.8/6

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

Left In: -573.558+/-750.984 χ^2/NDF:10.6/5

Left: -609.391+/-515.780 χ^2/NDF: 20.4/12

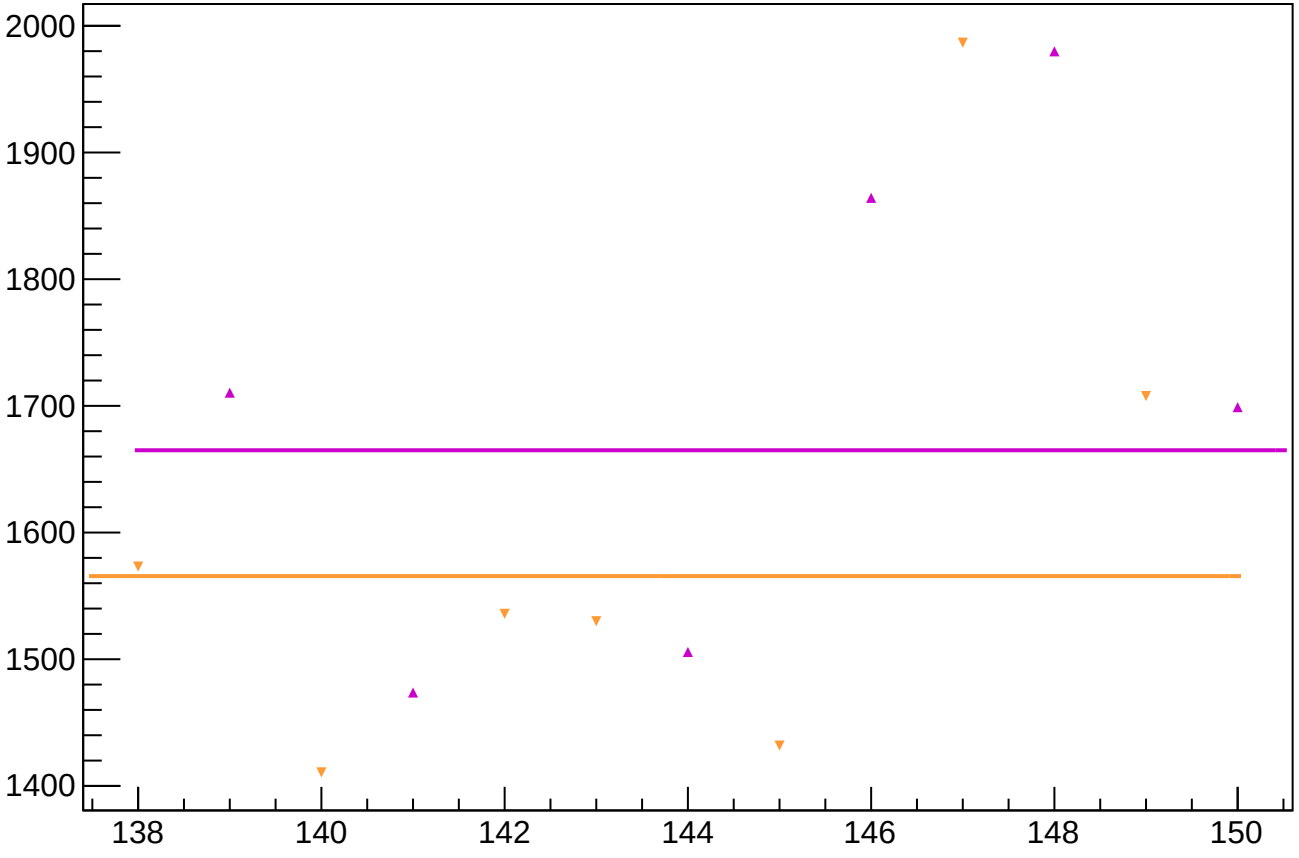
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -573.558+/-750.984 χ^2/NDF:10.6/5

Out: -641.386+/-709.619 χ^2/NDF:9.8/6

All: -609.391+/-515.780 χ^2/NDF: 20.4/12

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1565.614+/-0.502 χ^2/NDF:114324.0/6

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

Left In: 1664.963+/-0.531 χ^2/NDF:108518.9/5

Left: 1612.477+/-0.365 χ^2/NDF: 241334.4/12

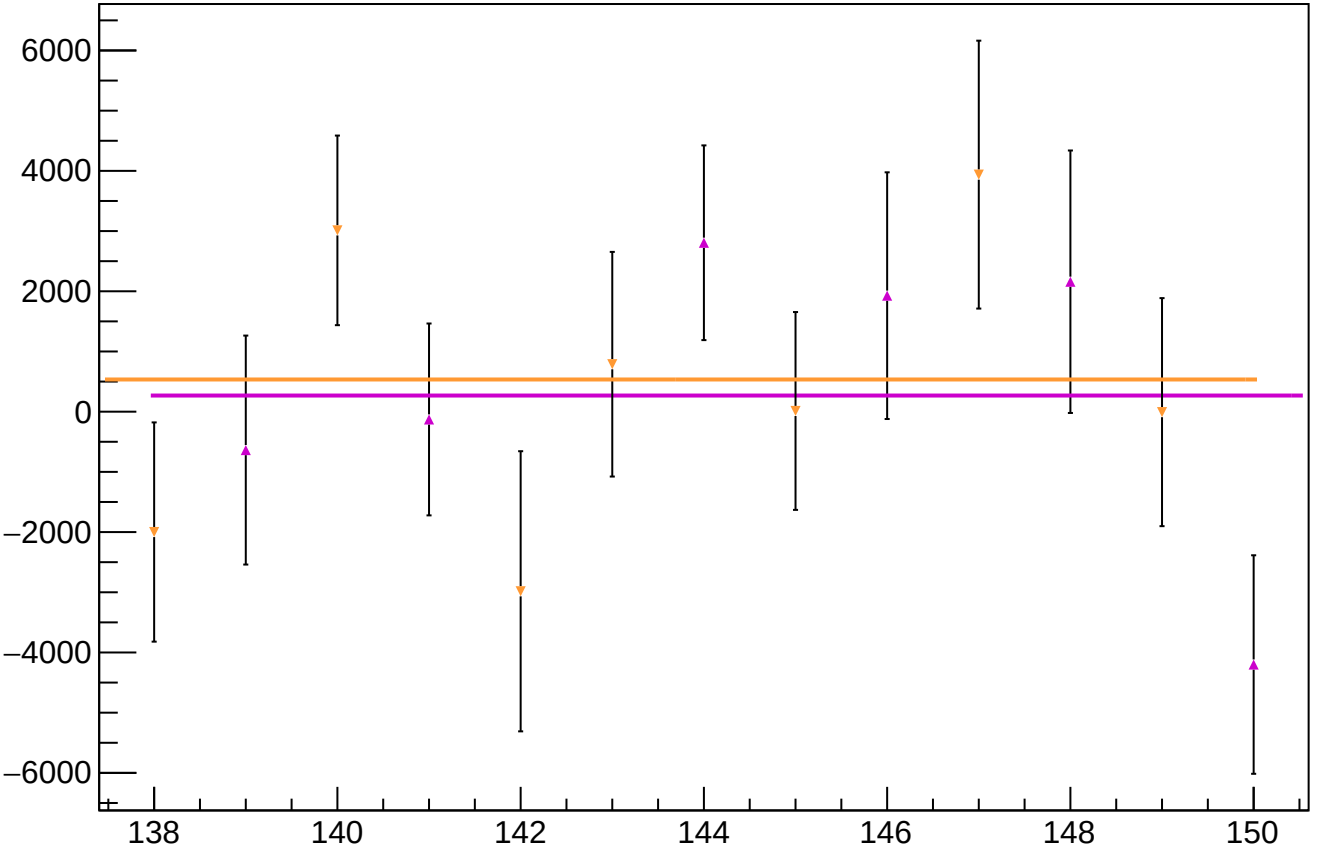
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1664.963+/-0.531 χ^2/NDF:108518.9/5

Out: 1565.614+/-0.502 χ^2/NDF:114324.0/6

All: 1612.477+/-0.365 χ^2/NDF: 241334.4/12

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 534.772+/-702.228 χ^2/NDF:9.2/6

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

Left In: 268.139+/-744.352 χ^2/NDF:10.2/5

Left: 409.213+/-510.793 χ^2/NDF: 19.5/12

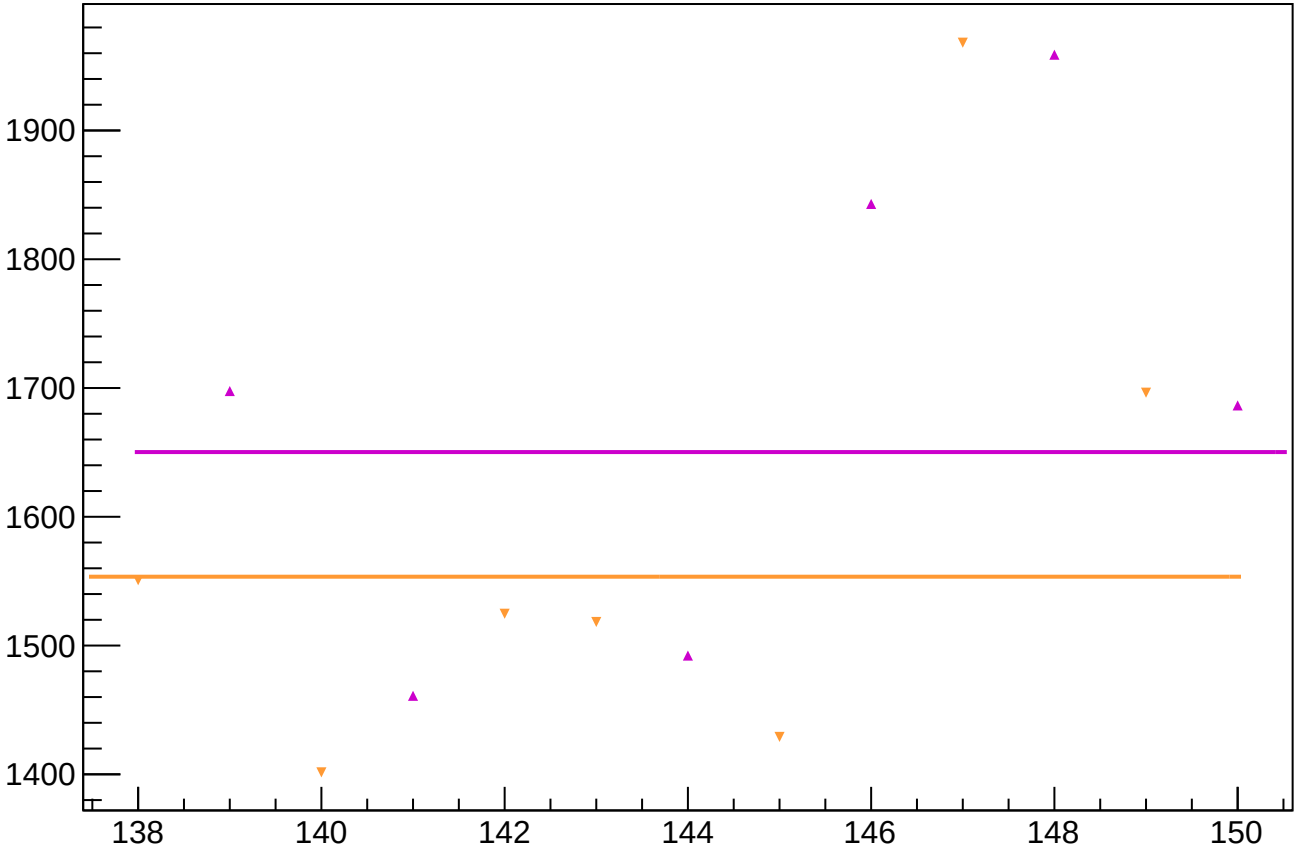
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 268.139+/-744.352 χ^2/NDF:10.2/5

Out: 534.772+/-702.228 χ^2/NDF:9.2/6

All: 409.213+/-510.793 χ^2/NDF: 19.5/12

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1553.469+/-0.497 χ^2/NDF:111964.8/6

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

Left In: 1650.253+/-0.526 χ^2/NDF:107123.3/5

Left: 1599.045+/-0.361 χ^2/NDF: 236978.5/12

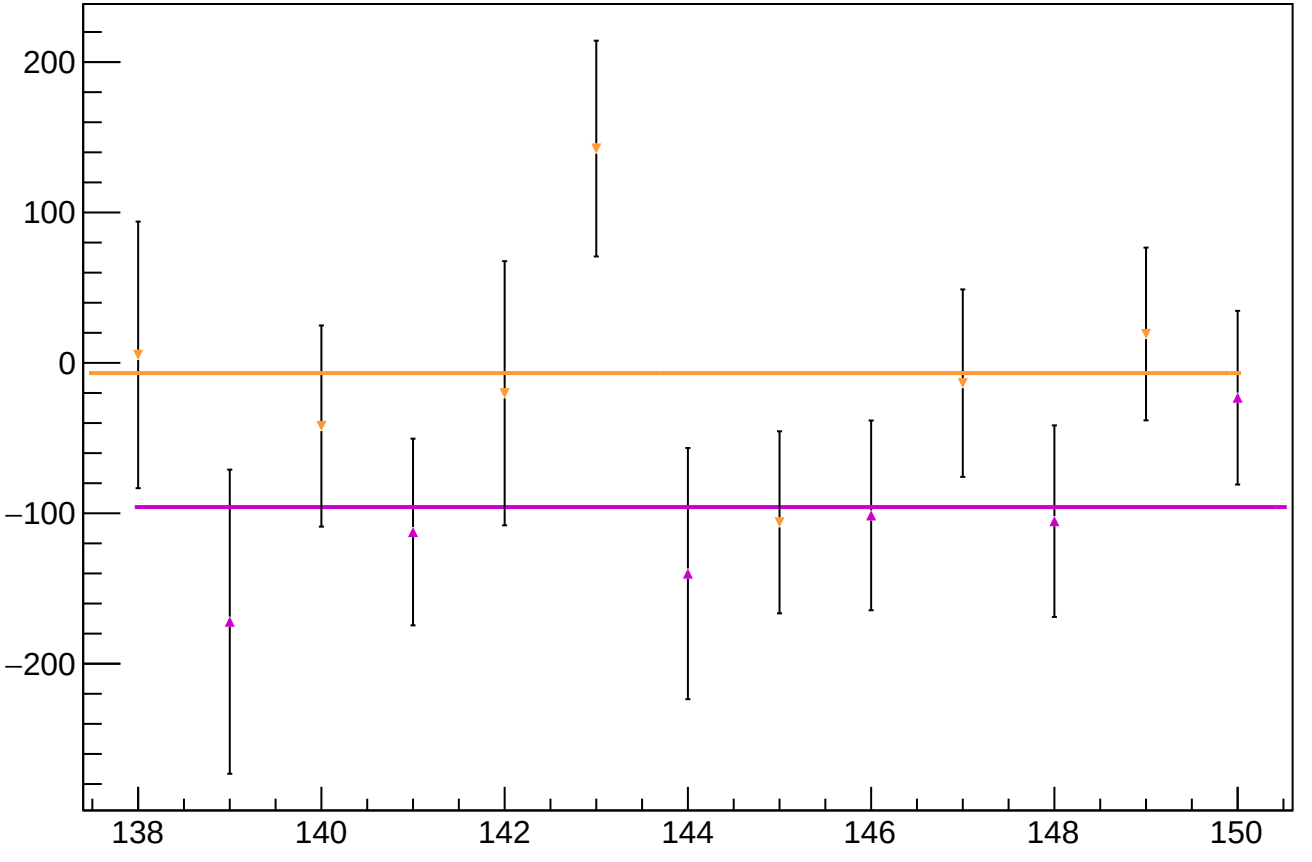
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1650.253+/-0.526 χ^2/NDF:107123.3/5

Out: 1553.469+/-0.497 χ^2/NDF:111964.8/6

All: 1599.045+/-0.361 χ^2/NDF: 236978.5/12

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -6.771+/-25.747 χ^2/NDF:7.6/6

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

Left In: -95.861+/-27.753 χ^2/NDF:2.5/5

Left: -47.981+/-18.875 χ^2/NDF: 15.6/12

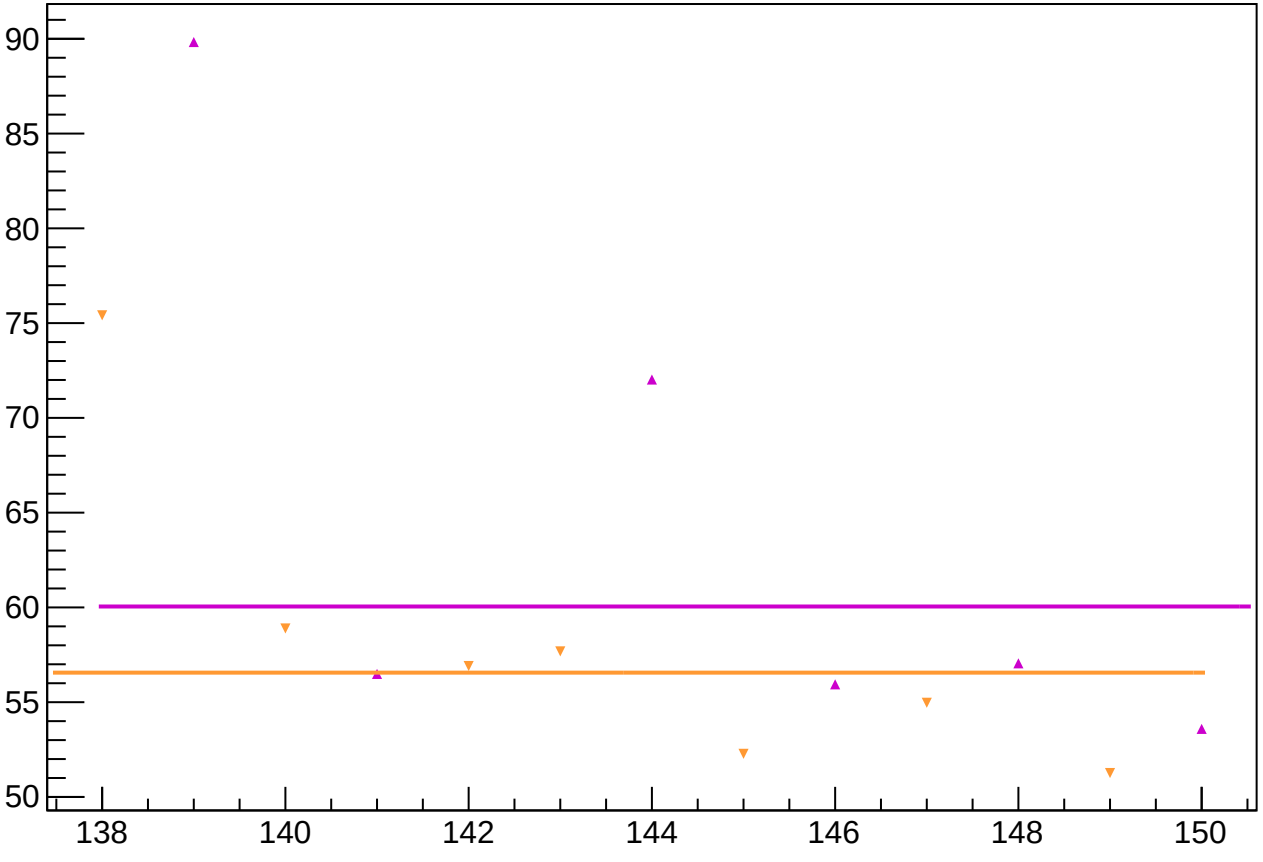
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -95.861+/-27.753 χ^2/NDF:2.5/5

Out: -6.771+/-25.747 χ^2/NDF:7.6/6

All: -47.981+/-18.875 χ^2/NDF: 15.6/12

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 56.559+/-0.018 χ^2/NDF:121775.5/6

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

Left In: 60.049+/-0.020 χ^2/NDF:259072.9/5

Left: 58.173+/-0.013 χ^2/NDF: 397841.4/12

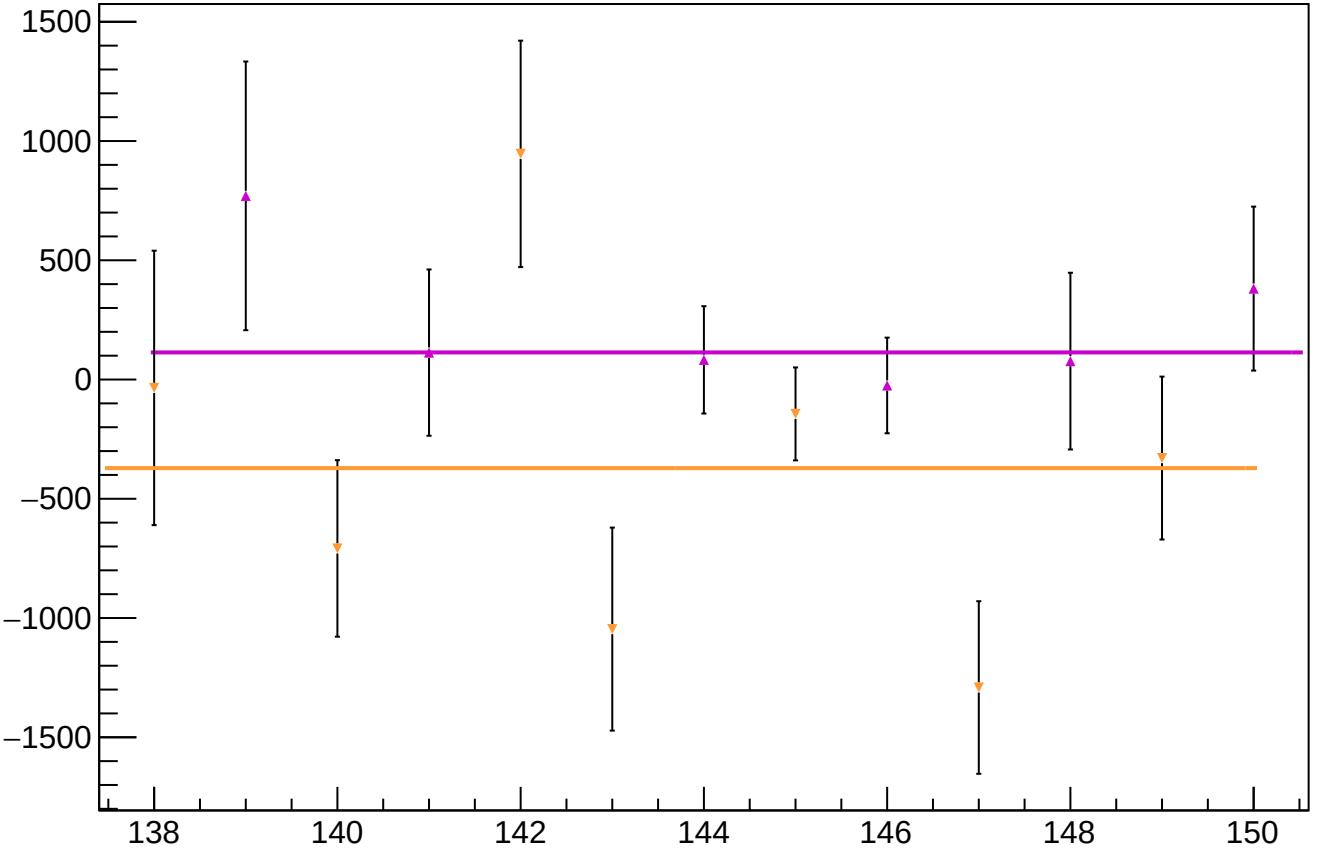
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.049+/-0.020 χ^2/NDF:259072.9/5

Out: 56.559+/-0.018 χ^2/NDF:121775.5/6

All: 58.173+/-0.013 χ^2/NDF: 397841.4/12

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -371.442+/-126.159 χ^2/NDF:19.2/6

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

Left In: 113.659+/-118.060 χ^2/NDF:2.5/5

Left: -112.821+/-86.202 χ^2/NDF: 29.6/12

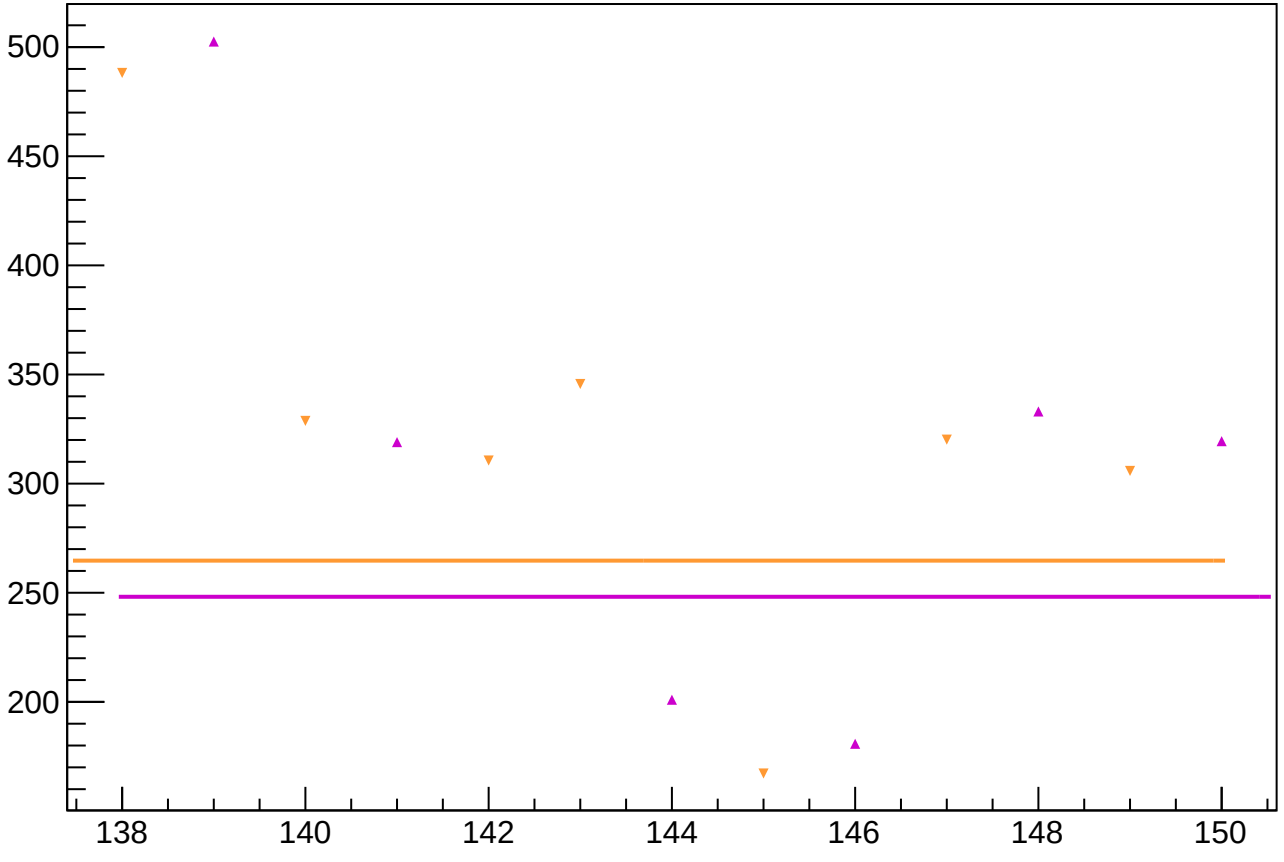
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 113.659+/-118.060 χ^2/NDF:2.5/5

Out: -371.442+/-126.159 χ^2/NDF:19.2/6

All: -112.821+/-86.202 χ^2/NDF: 29.6/12

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 264.716+/-0.089 χ^2/NDF:1029511.4/6

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

Left In: 248.155+/-0.083 χ^2/NDF:995247.8/5

Left: 255.887+/-0.061 χ^2/NDF: 2043134.0/12

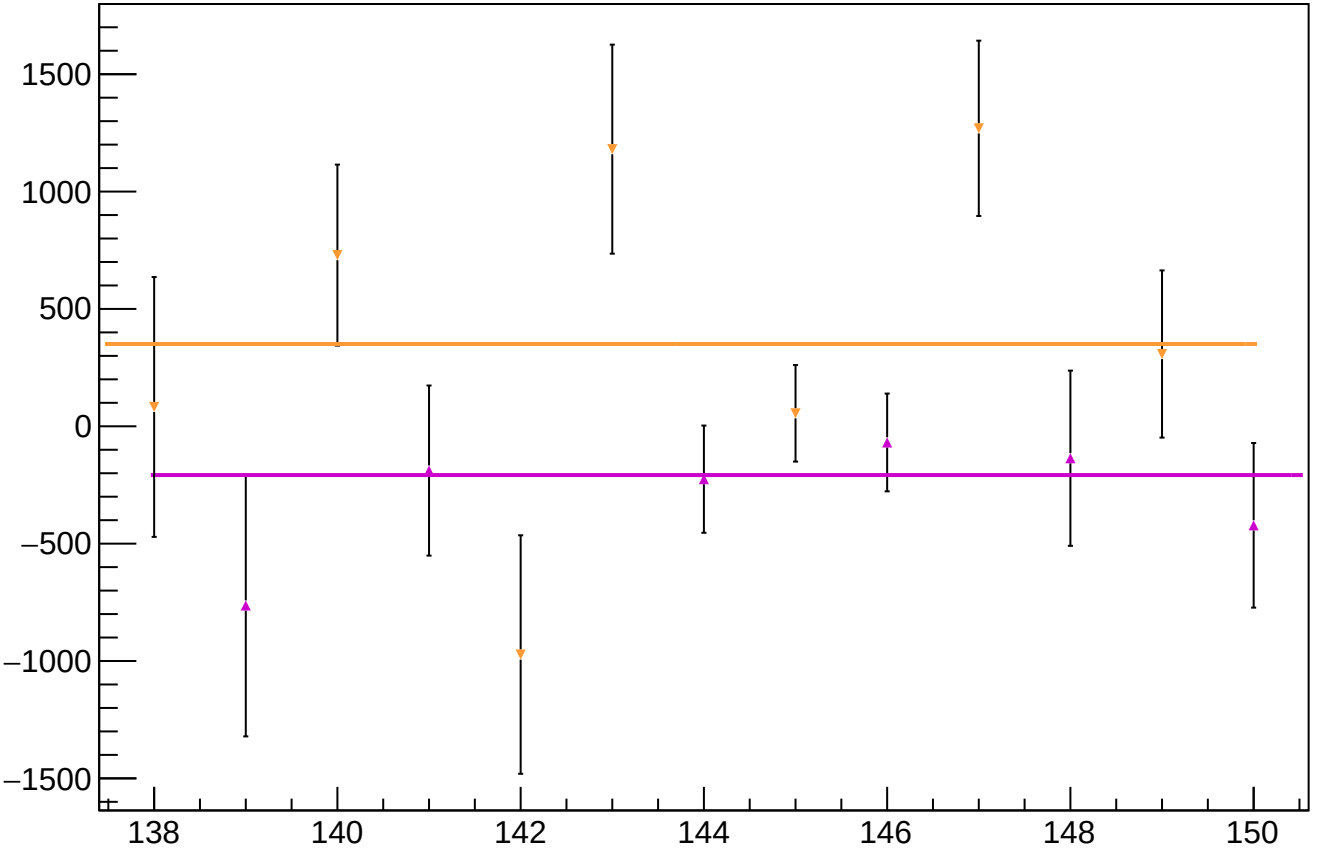
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 248.155+/-0.083 χ^2/NDF:995247.8/5

Out: 264.716+/-0.089 χ^2/NDF:1029511.4/6

All: 255.887+/-0.061 χ^2/NDF: 2043134.0/12

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 350.676+/-131.761 χ^2/NDF:19.6/6

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

Left In: -207.791+/-120.950 χ^2/NDF:1.9/5

Left: 47.595+/-89.102 χ^2/NDF: 31.2/12

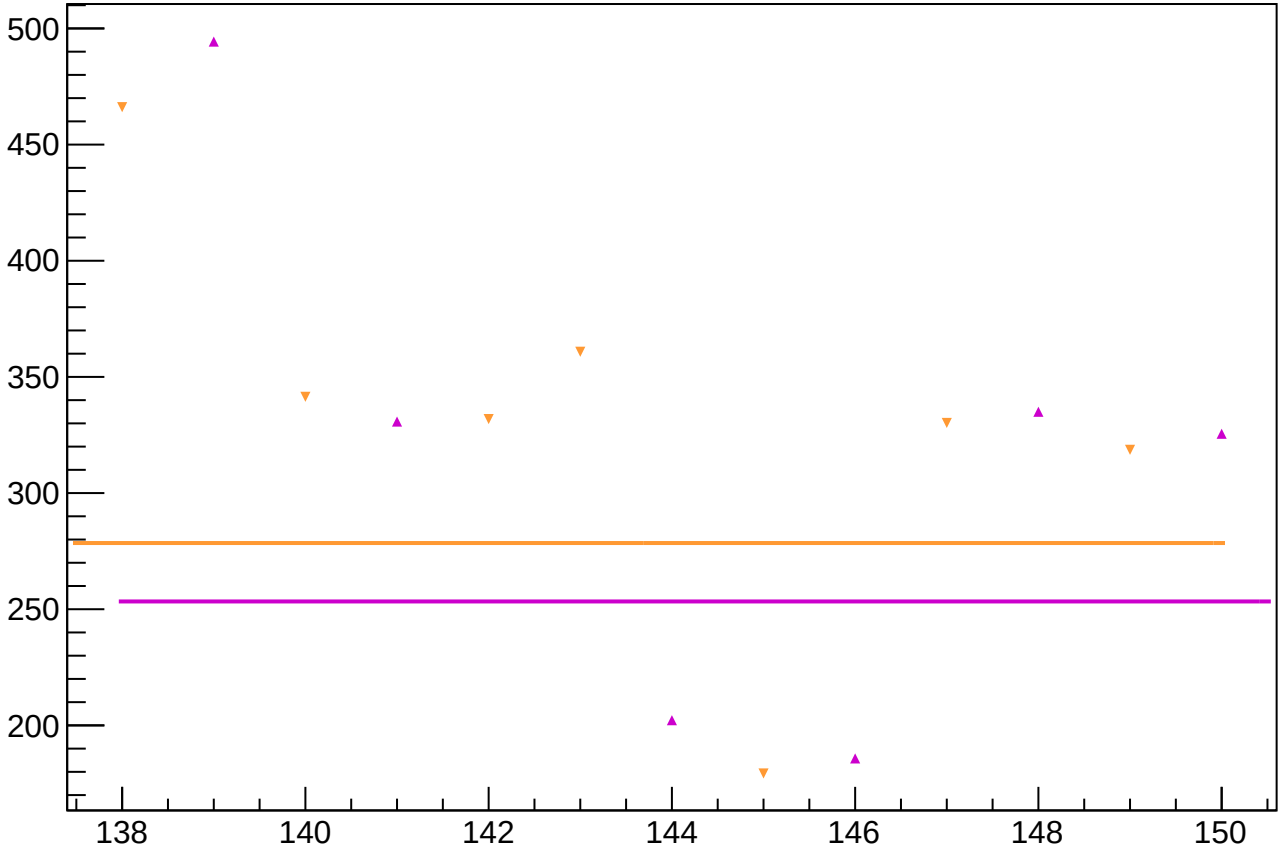
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -207.791+/-120.950 χ^2/NDF:1.9/5

Out: 350.676+/-131.761 χ^2/NDF:19.6/6

All: 47.595+/-89.102 χ^2/NDF: 31.2/12

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 278.495+/-0.093 χ^2/NDF:902385.9/6

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

Left In: 253.346+/-0.086 χ^2/NDF:955797.1/5

Left: 264.847+/-0.063 χ^2/NDF: 1897725.1/12

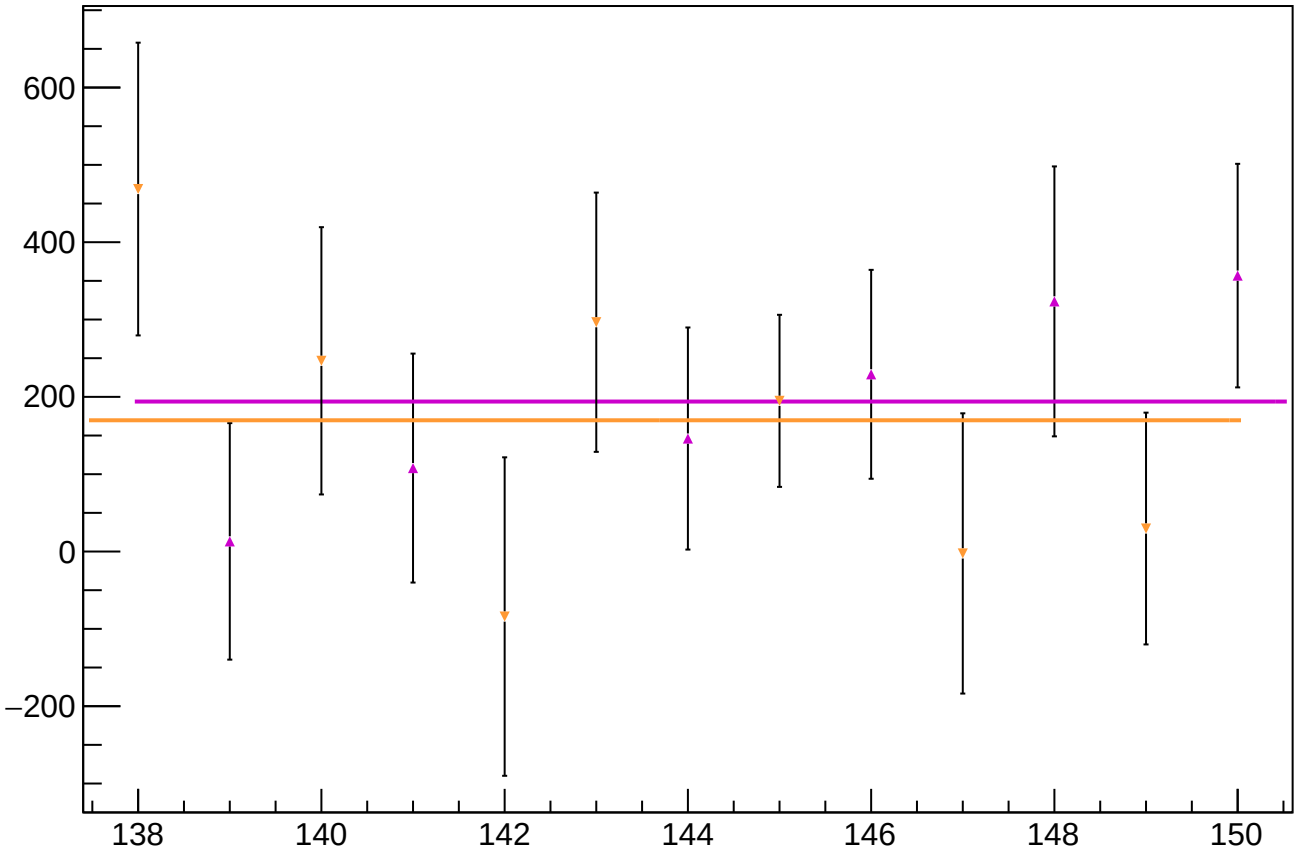
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 253.346+/-0.086 χ^2/NDF:955797.1/5

Out: 278.495+/-0.093 χ^2/NDF:902385.9/6

All: 264.847+/-0.063 χ^2/NDF: 1897725.1/12

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 169.720+/-60.156 χ^2/NDF:6.6/6

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

Left In: 193.944+/-60.592 χ^2/NDF:3.7/5

Left: 181.745+/-42.690 χ^2/NDF: 10.4/12

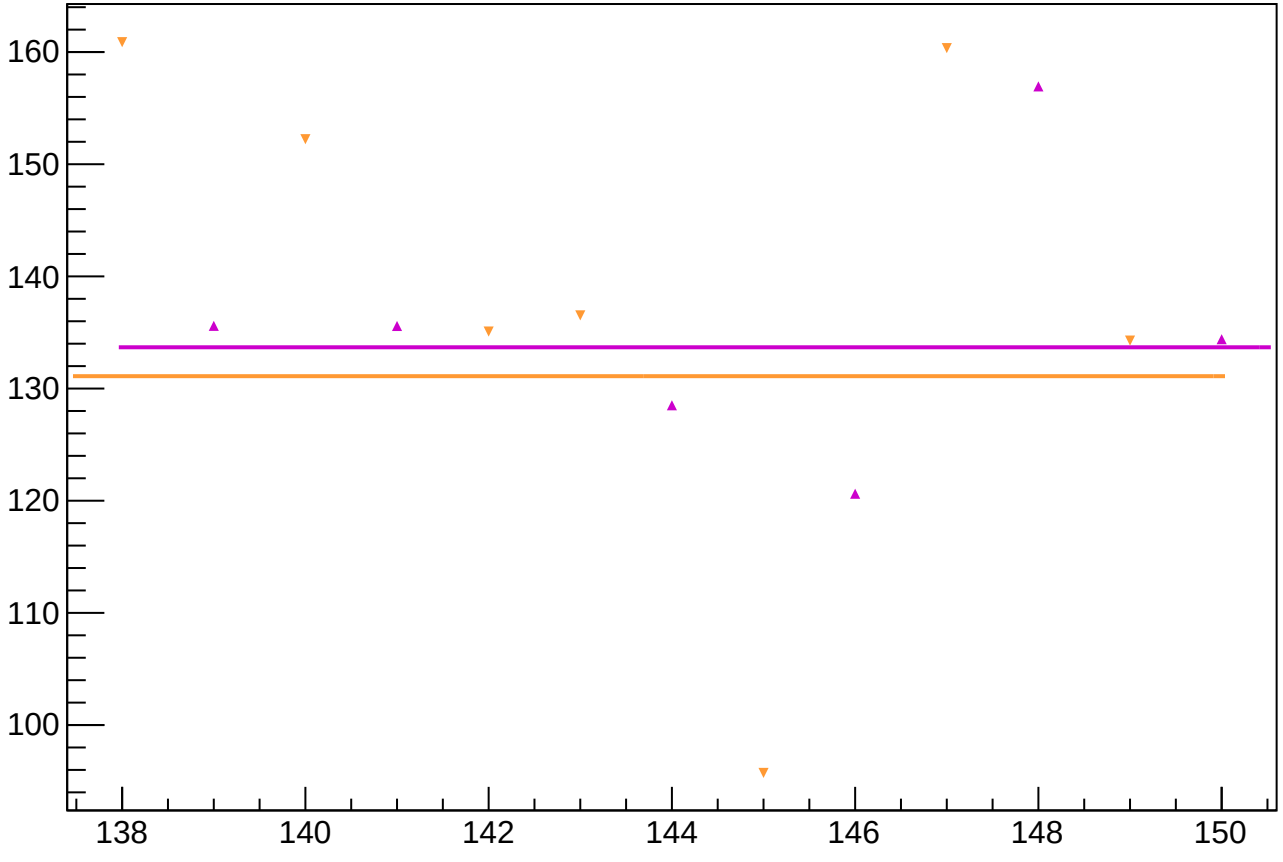
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 193.944+/-60.592 χ^2/NDF:3.7/5

Out: 169.720+/-60.156 χ^2/NDF:6.6/6

All: 181.745+/-42.690 χ^2/NDF: 10.4/12

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 131.103+/-0.043 χ^2/NDF:337373.8/6

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

Left In: 133.680+/-0.043 χ^2/NDF:57487.3/5

Left: 132.382+/-0.030 χ^2/NDF: 396682.7/12

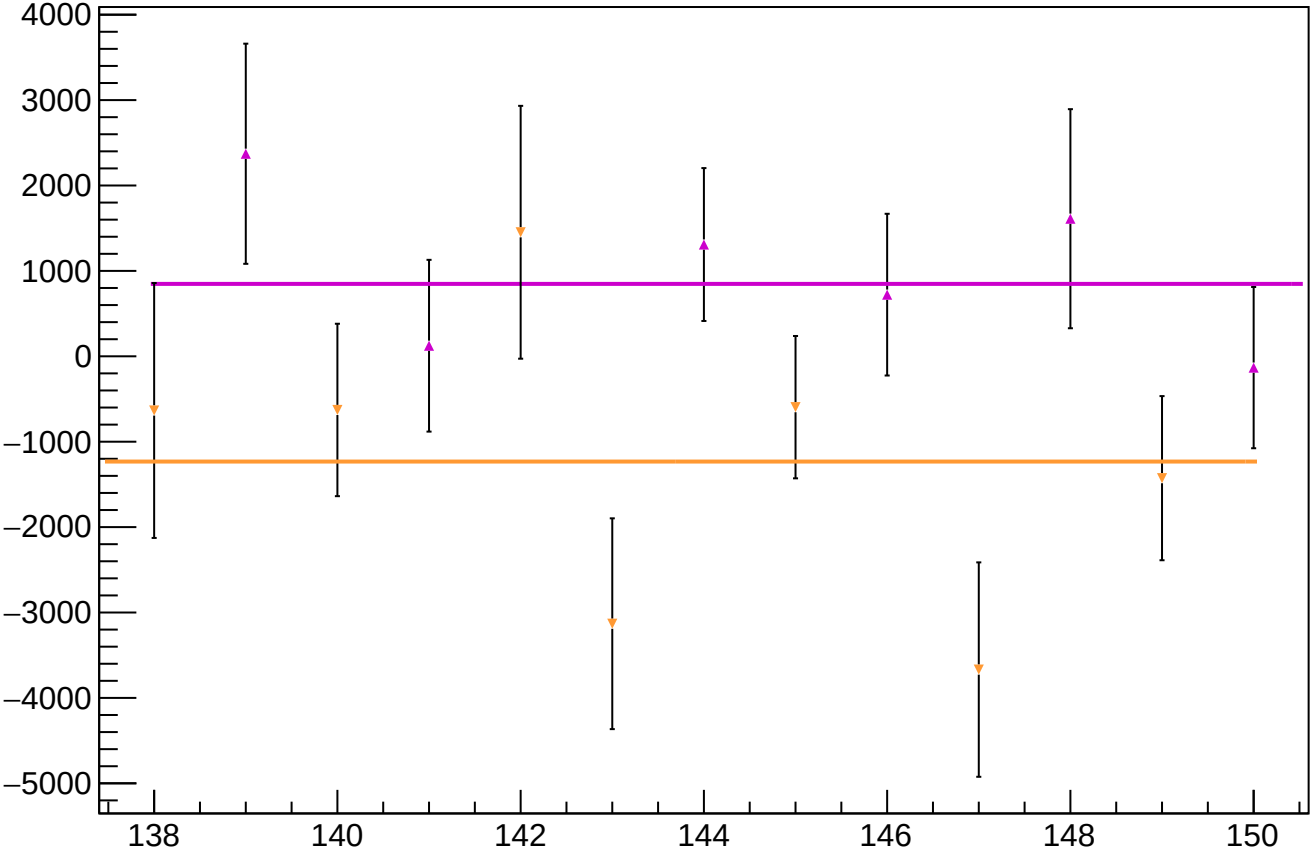
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 133.680+/-0.043 χ^2/NDF:57487.3/5

Out: 131.103+/-0.043 χ^2/NDF:337373.8/6

All: 132.382+/-0.030 χ^2/NDF: 396682.7/12

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1232.405+/-418.839 χ^2/NDF:10.6/6

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

Left In: 847.834+/-419.430 χ^2/NDF:3.6/5

Left: -193.751+/-296.373 χ^2/NDF: 26.5/12

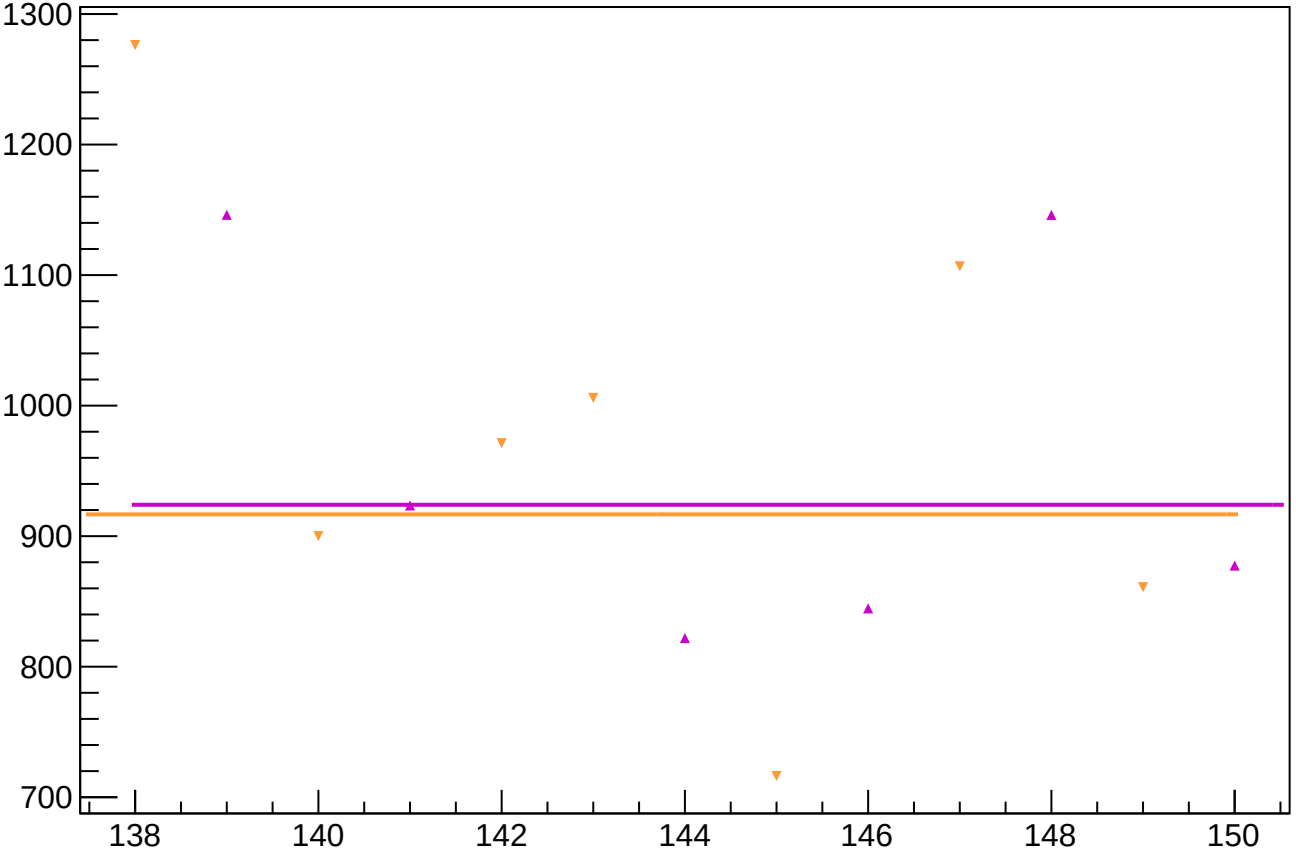
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 847.834+/-419.430 χ^2/NDF:3.6/5

Out: -1232.405+/-418.839 χ^2/NDF:10.6/6

All: -193.751+/-296.373 χ^2/NDF: 26.5/12

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 916.700+/-0.296 χ^2/NDF:298049.1/6

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

Left In: 924.043+/-0.297 χ^2/NDF:164296.9/5

Left: 920.367+/-0.210 χ^2/NDF: 462652.9/12

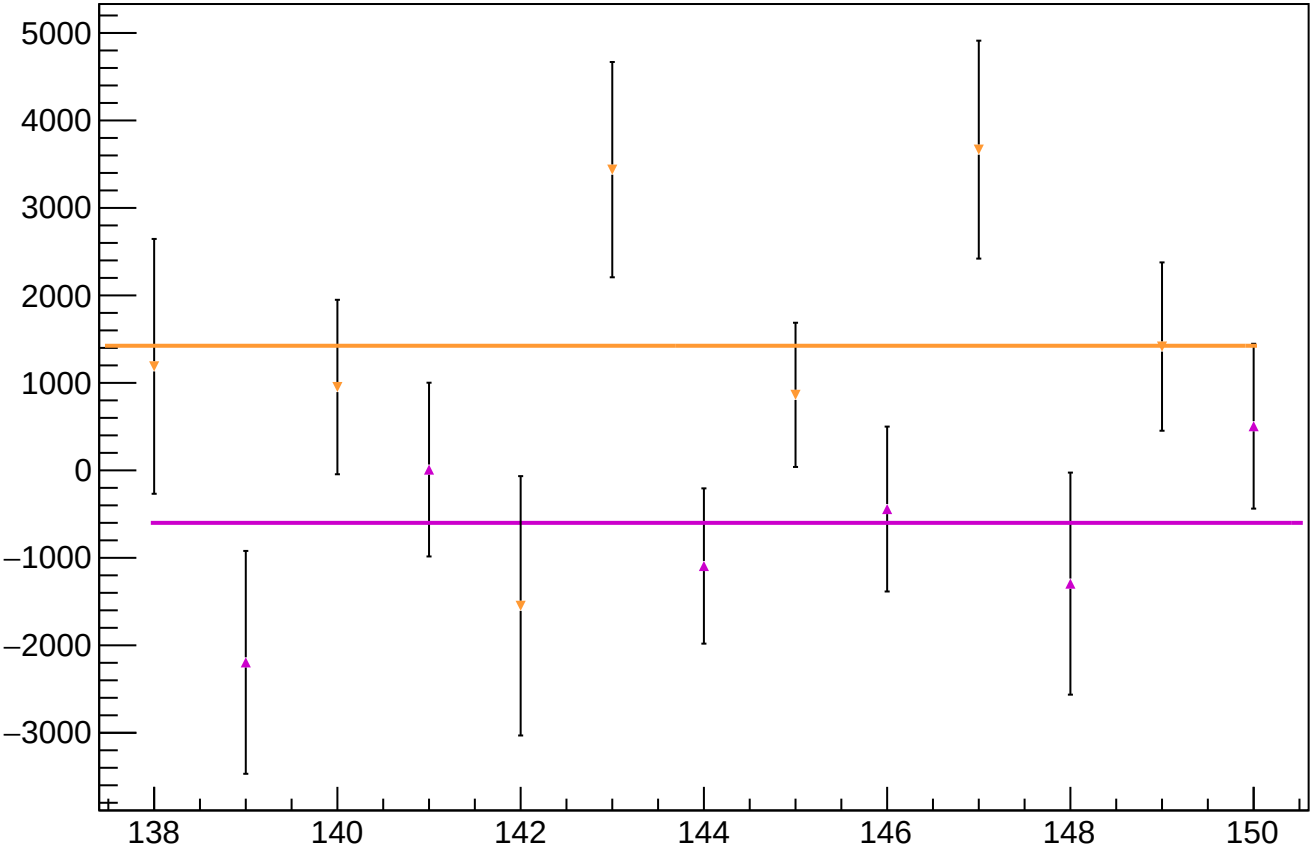
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 924.043+/-0.297 χ^2/NDF:164296.9/5

Out: 916.700+/-0.296 χ^2/NDF:298049.1/6

All: 920.367+/-0.210 χ^2/NDF: 462652.9/12

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1424.490+/-415.633 χ^2/NDF:10.7/6

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

Left In: -600.059+/-416.207 χ^2/NDF:4.0/5

Left: 413.612+/-294.099 χ^2/NDF: 26.5/12

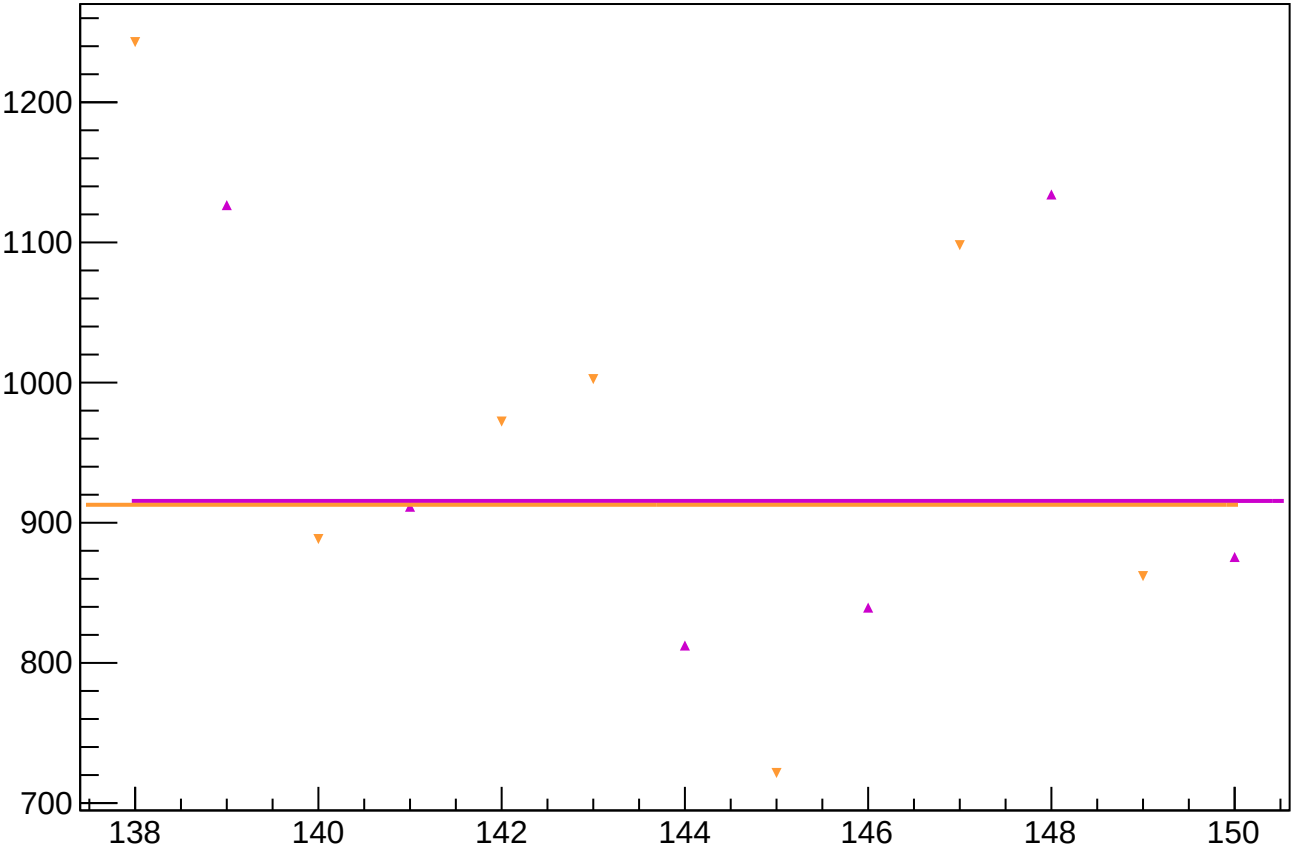
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -600.059+/-416.207 χ^2/NDF:4.0/5

Out: 1424.490+/-415.633 χ^2/NDF:10.7/6

All: 413.612+/-294.099 χ^2/NDF: 26.5/12

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 912.828+/-0.294 χ^2/NDF:275319.1/6

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

Left In: 915.568+/-0.294 χ^2/NDF:157940.8/5

Left: 914.196+/-0.208 χ^2/NDF: 433303.4/12

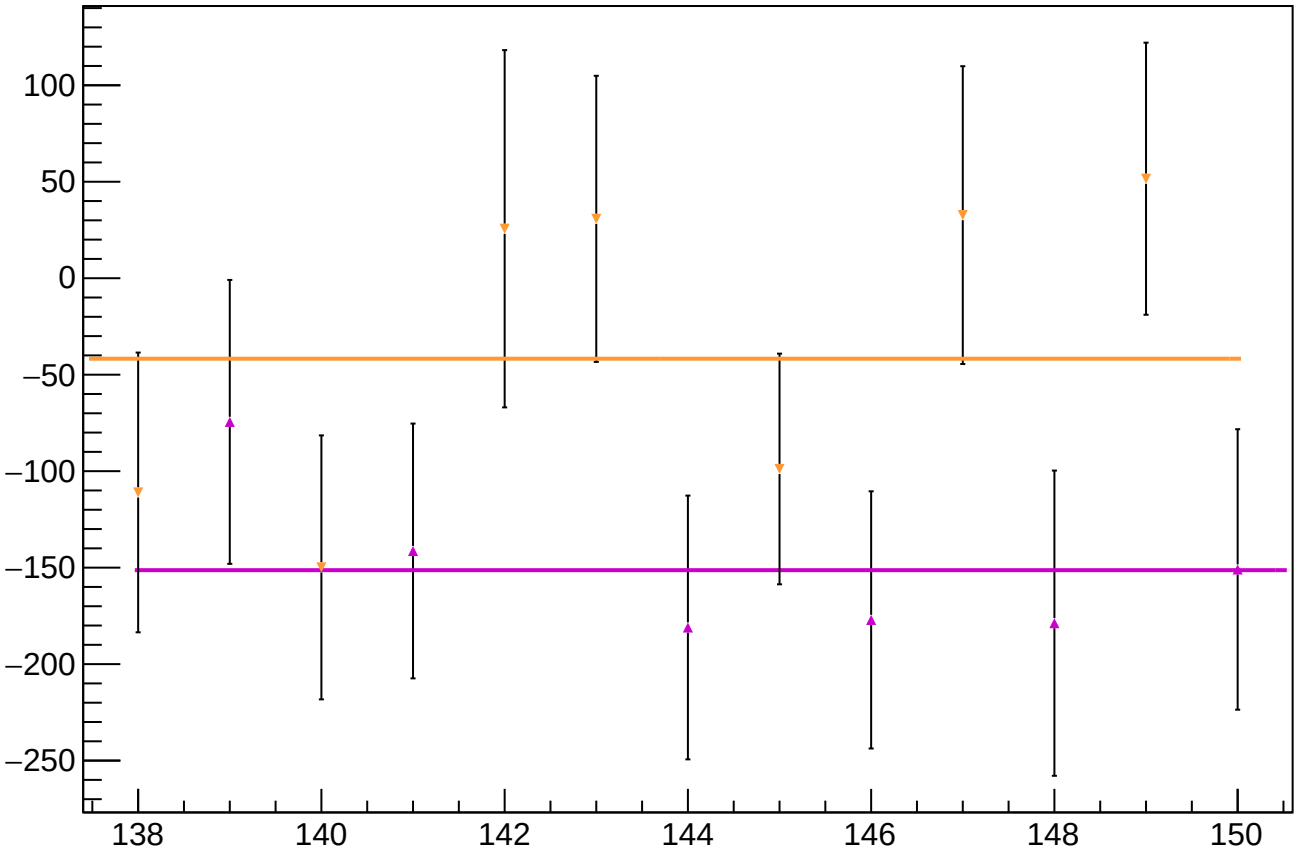
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 915.568+/-0.294 χ^2/NDF:157940.8/5

Out: 912.828+/-0.294 χ^2/NDF:275319.1/6

All: 914.196+/-0.208 χ^2/NDF: 433303.4/12

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: -41.706+/-27.201 χ^2/NDF:8.5/6

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

Left In: -151.308+/-28.838 χ^2/NDF:1.6/5

Left: -93.308+/-19.788 χ^2/NDF: 17.7/12

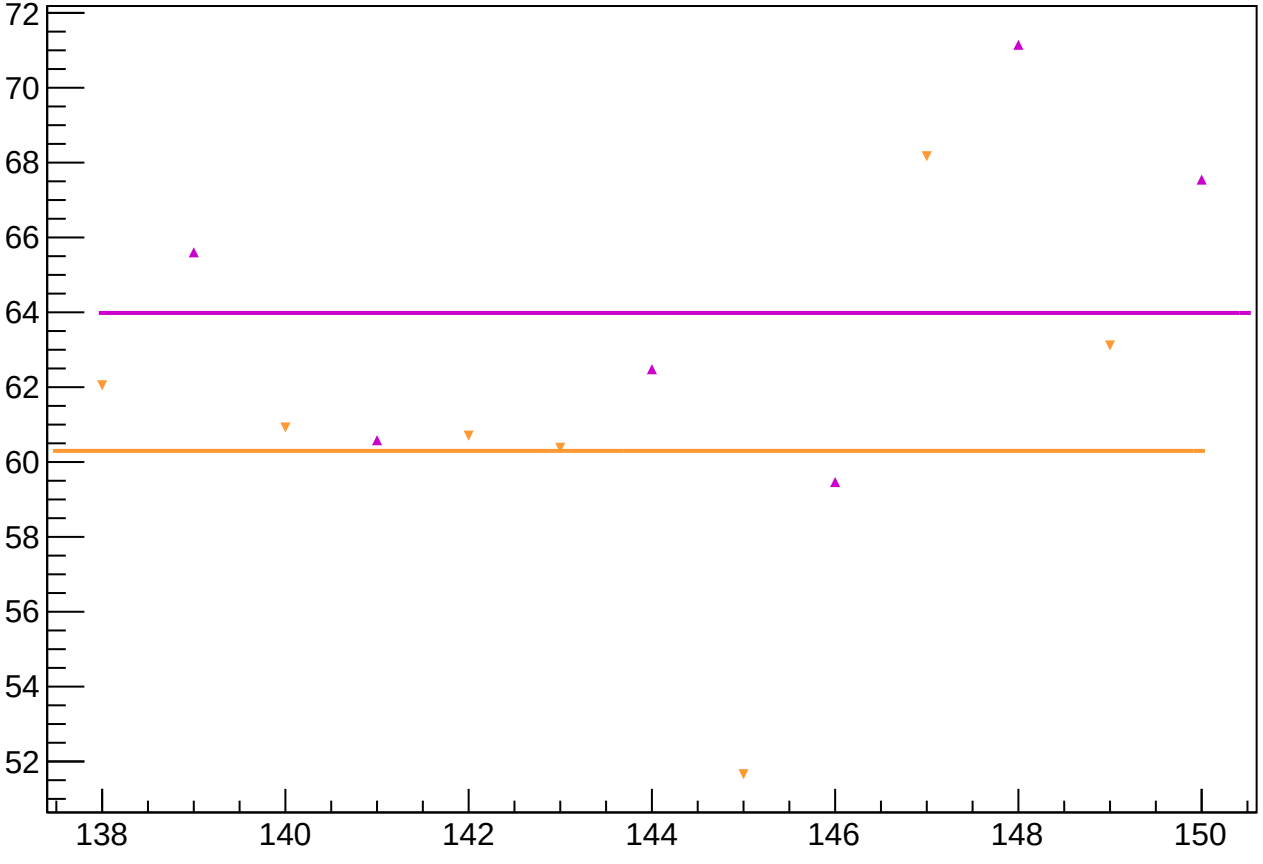
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -151.308+/-28.838 χ^2/NDF:1.6/5

Out: -41.706+/-27.201 χ^2/NDF:8.5/6

All: -93.308+/-19.788 χ^2/NDF: 17.7/12

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: 60.298+/-0.019 χ^2/NDF:67146.0/6

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

Left In: 63.984+/-0.020 χ^2/NDF:37648.0/5

Left: 62.033+/-0.014 χ^2/NDF: 122085.1/12

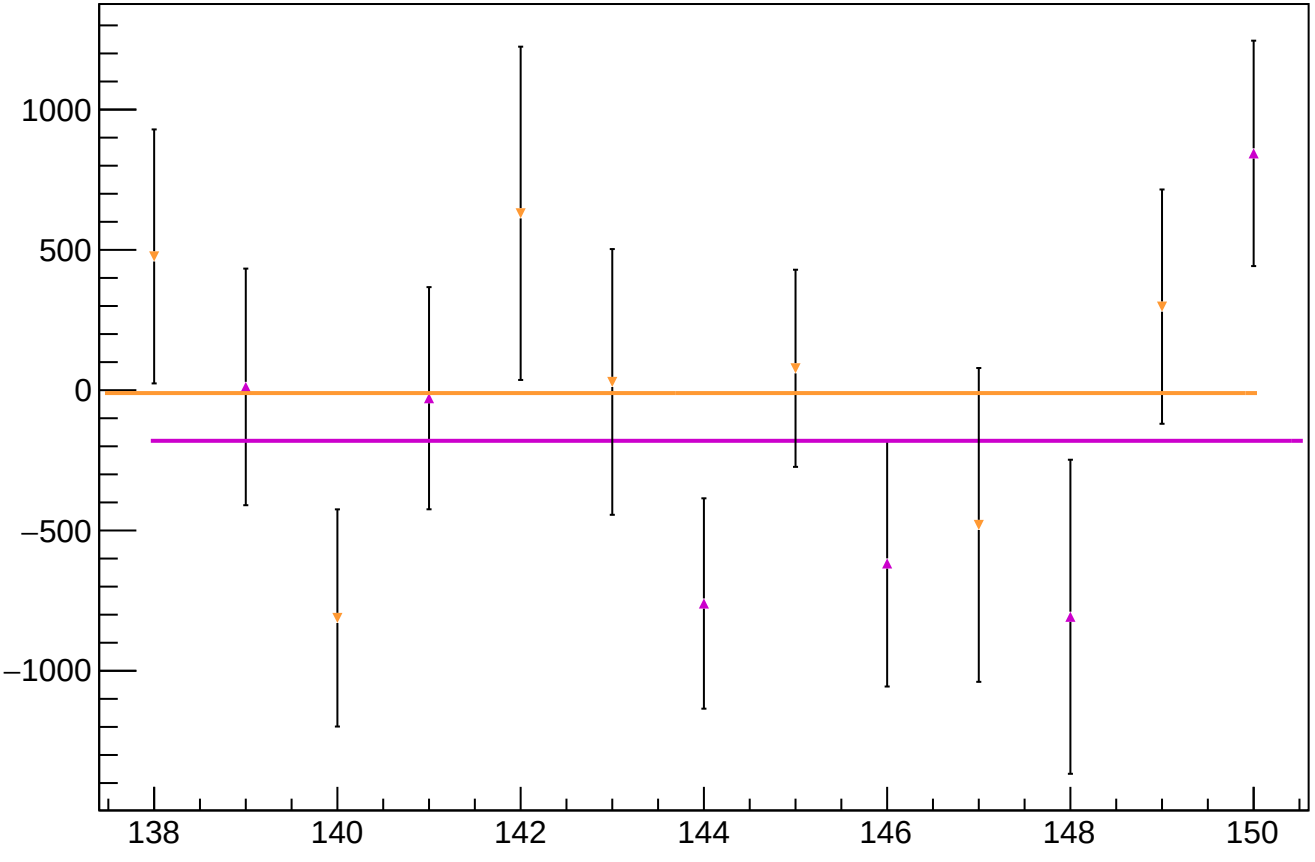
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.984+/-0.020 χ^2/NDF:37648.0/5

Out: 60.298+/-0.019 χ^2/NDF:67146.0/6

All: 62.033+/-0.014 χ^2/NDF: 122085.1/12

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: -10.276+/-166.910 χ^2/NDF:7.9/6

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

Left In: -180.404+/-172.223 χ^2/NDF:11.5/5

Left: -92.675+/-119.858 χ^2/NDF: 19.9/12

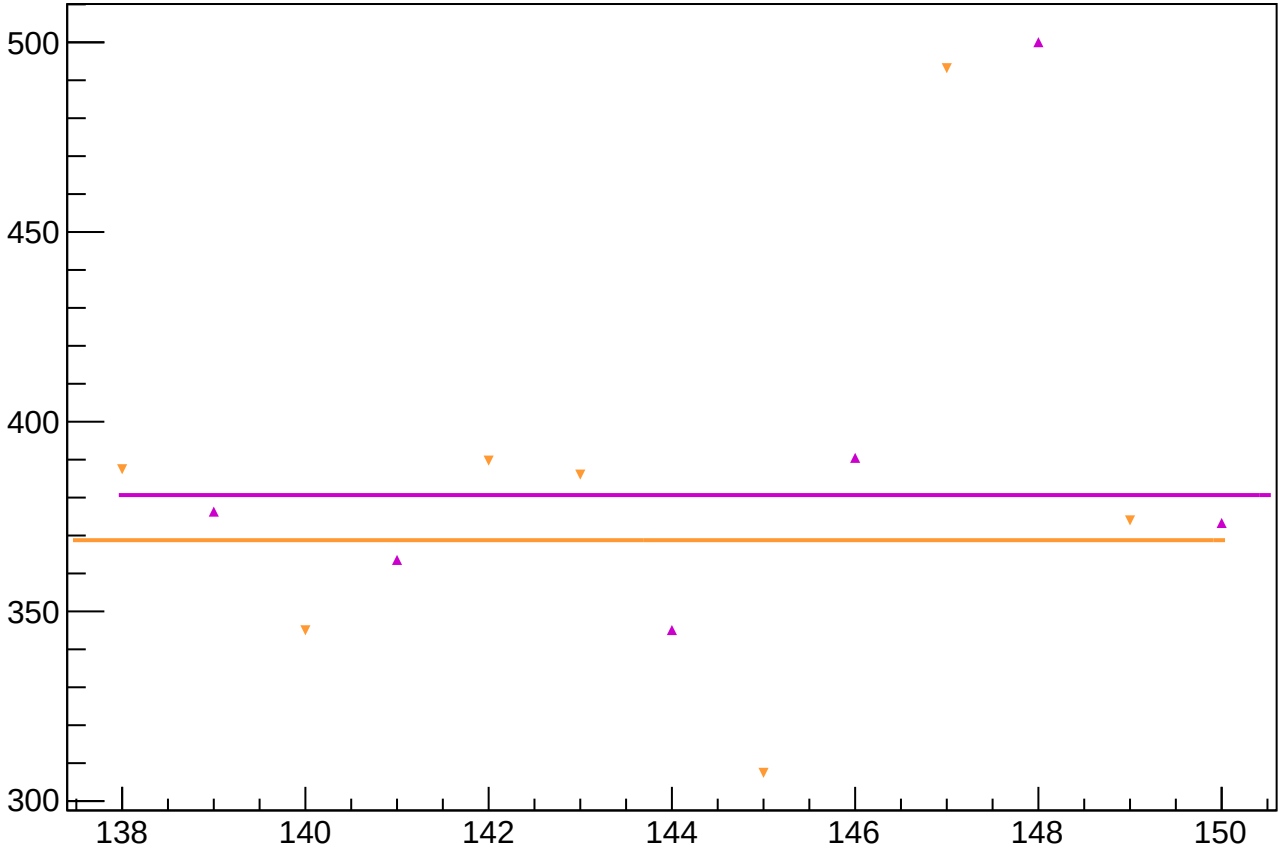
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -180.404+/-172.223 χ^2/NDF:11.5/5

Out: -10.276+/-166.910 χ^2/NDF:7.9/6

All: -92.675+/-119.858 χ^2/NDF: 19.9/12

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: 368.769+/-0.118 χ^2/NDF:176368.9/6

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

Left In: 380.662+/-0.122 χ^2/NDF:114636.8/5

Left: 374.529+/-0.085 χ^2/NDF: 295923.8/12

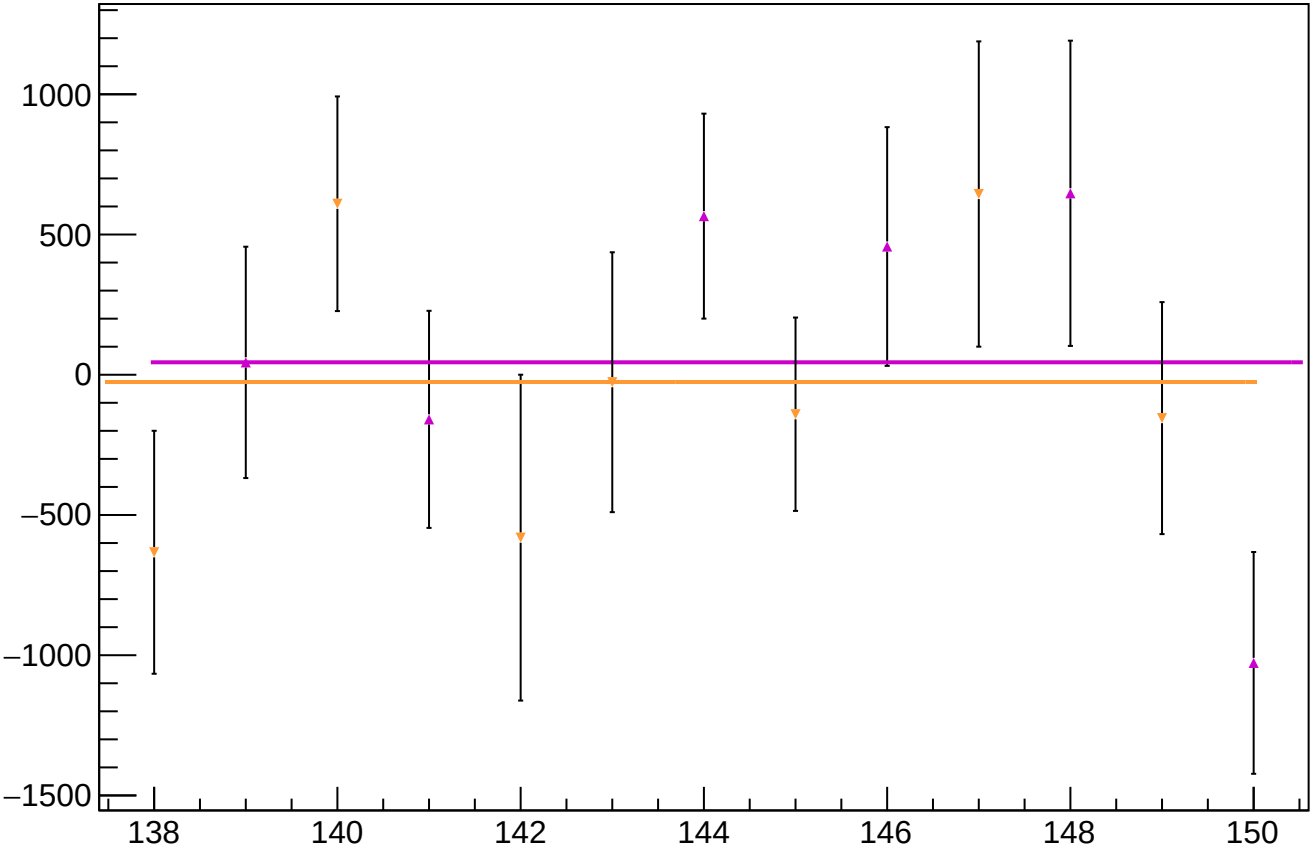
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 380.662+/-0.122 χ^2/NDF:114636.8/5

Out: 368.769+/-0.118 χ^2/NDF:176368.9/6

All: 374.529+/-0.085 χ^2/NDF: 295923.8/12

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -25.840+/-163.474 χ^2/NDF:7.4/6

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

Left In: 44.430+/-168.216 χ^2/NDF:11.8/5

Left: 8.291+/-117.234 χ^2/NDF: 19.3/12

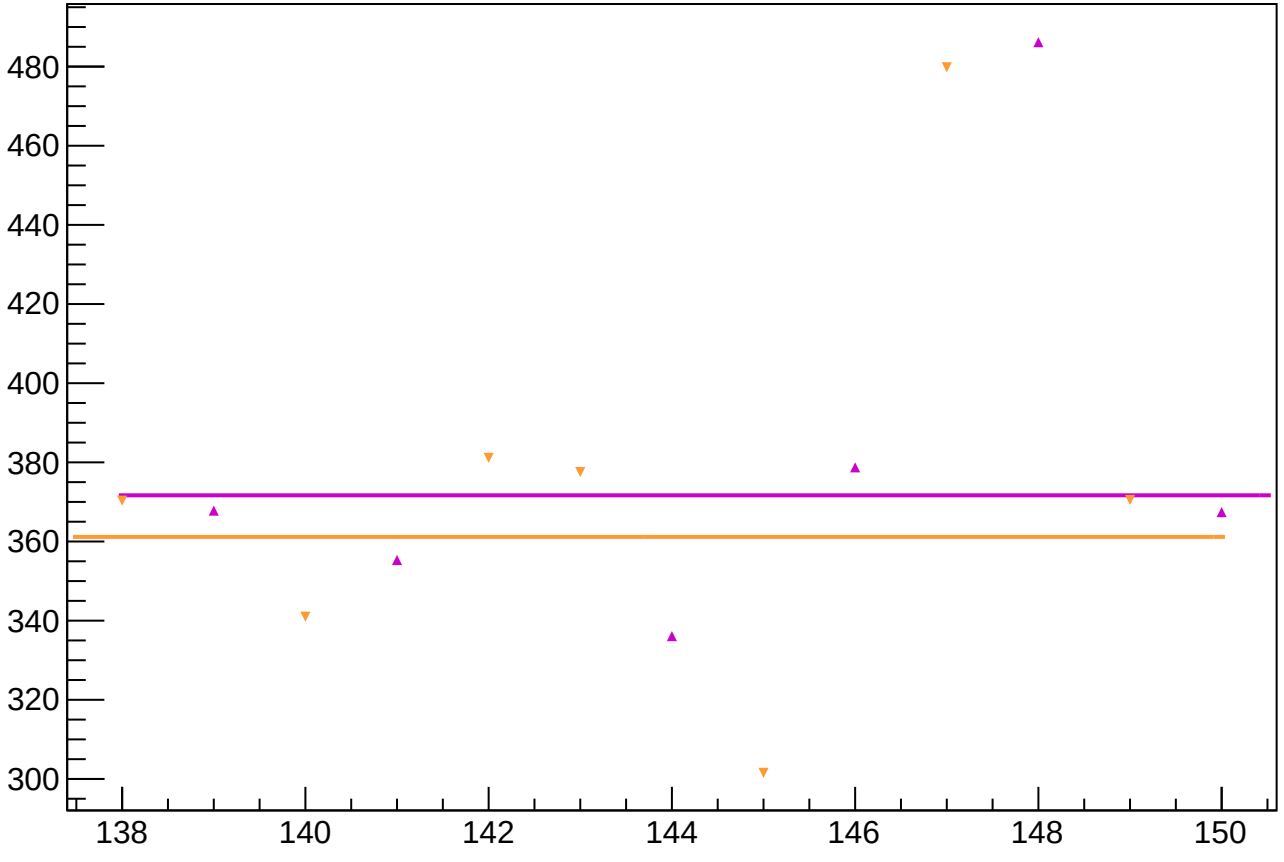
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 44.430+/-168.216 χ^2/NDF:11.8/5

Out: -25.840+/-163.474 χ^2/NDF:7.4/6

All: 8.291+/-117.234 χ^2/NDF: 19.3/12

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 361.162+/-0.116 χ^2/NDF:167206.2/6

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

Left In: 371.674+/-0.119 χ^2/NDF:112010.2/5

Left: 366.268+/-0.083 χ^2/NDF: 283233.1/12

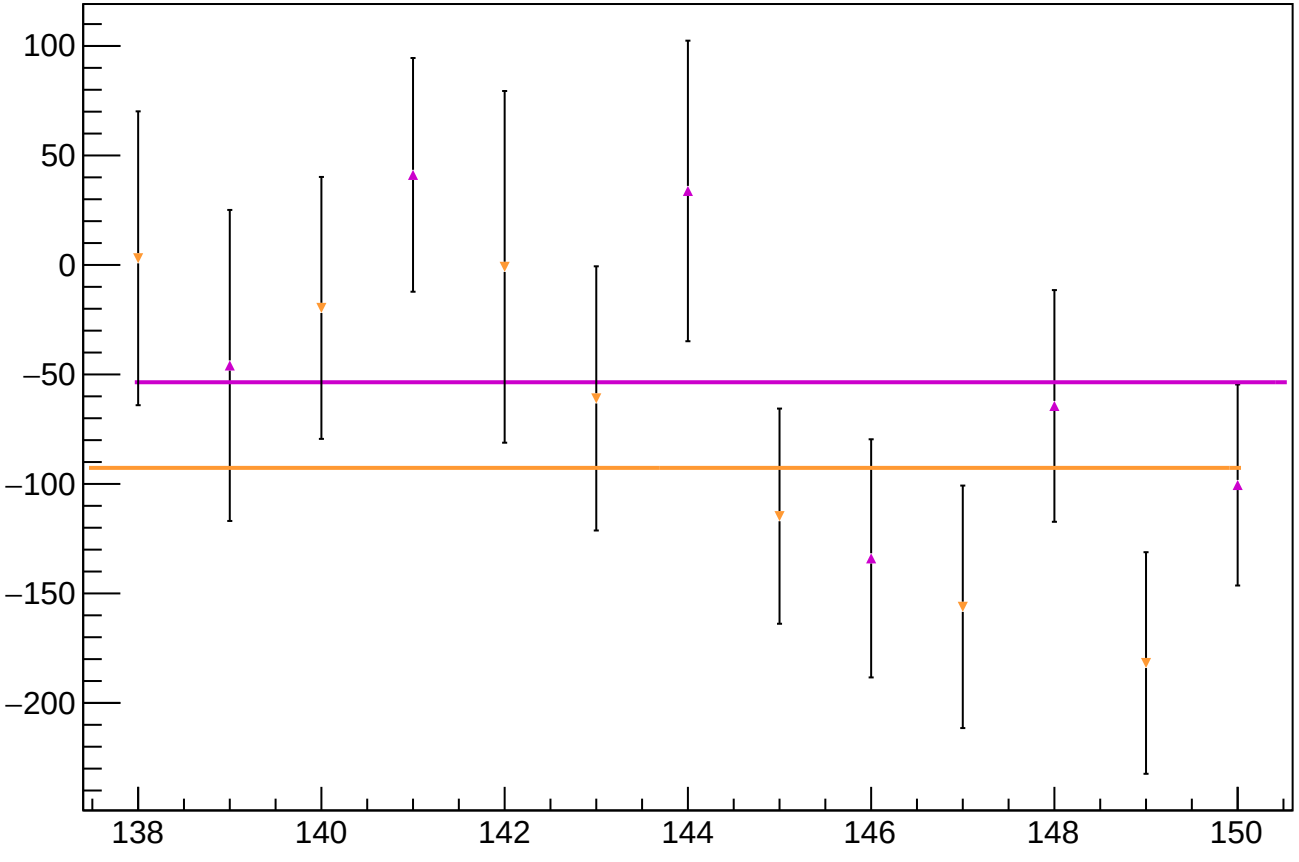
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 371.674+/-0.119 χ^2/NDF:112010.2/5

Out: 361.162+/-0.116 χ^2/NDF:167206.2/6

All: 366.268+/-0.083 χ^2/NDF: 283233.1/12

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -92.667+/-22.019 χ^2/NDF:9.7/6

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

Left In: -53.564+/-22.753 χ^2/NDF:8.1/5

Left: -73.756+/-15.823 χ^2/NDF: 19.3/12

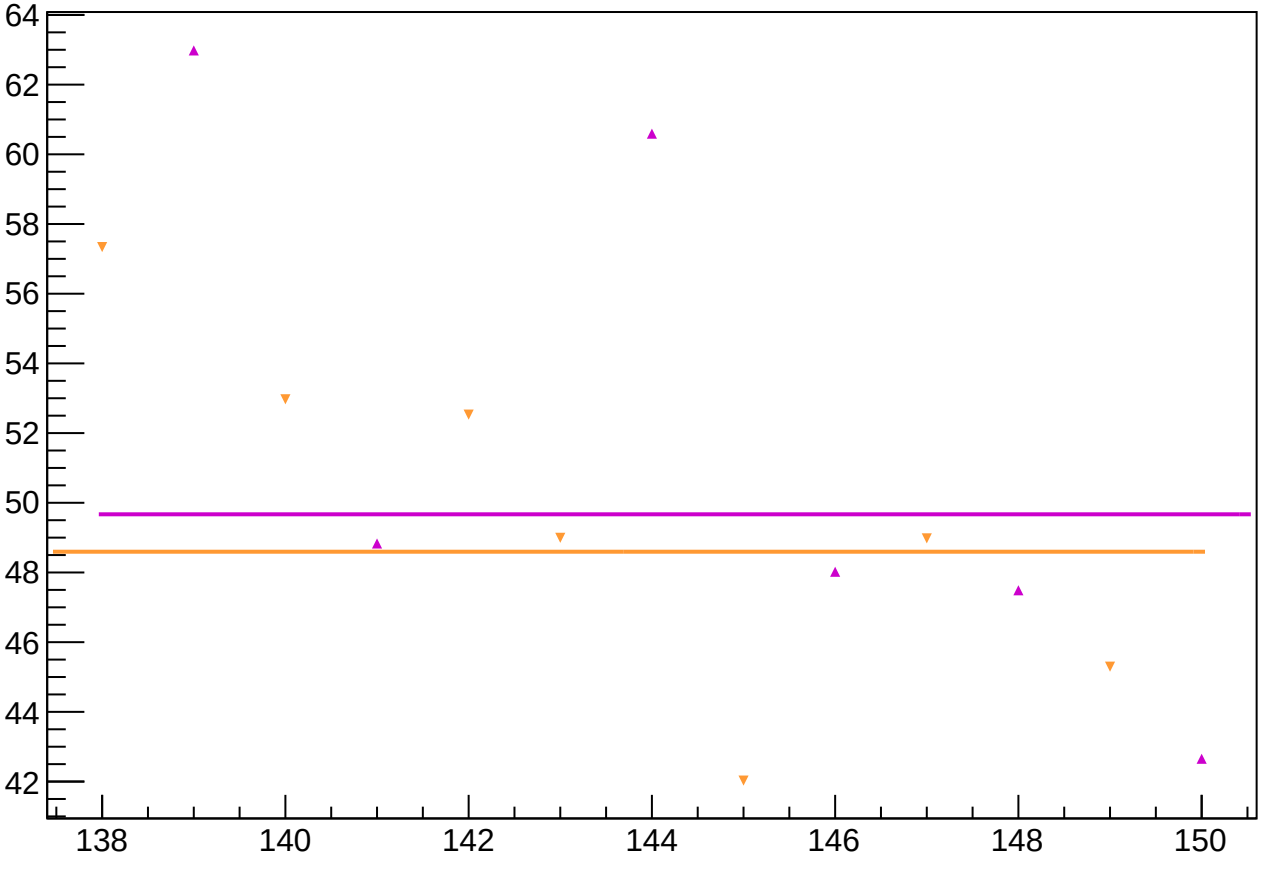
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.564+/-22.753 χ^2/NDF:8.1/5

Out: -92.667+/-22.019 χ^2/NDF:9.7/6

All: -73.756+/-15.823 χ^2/NDF: 19.3/12

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: 48.596+/-0.016 χ^2/NDF:93881.2/6

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

Left In: 49.670+/-0.016 χ^2/NDF:173373.4/5

Left: 49.115+/-0.011 χ^2/NDF: 269554.3/12

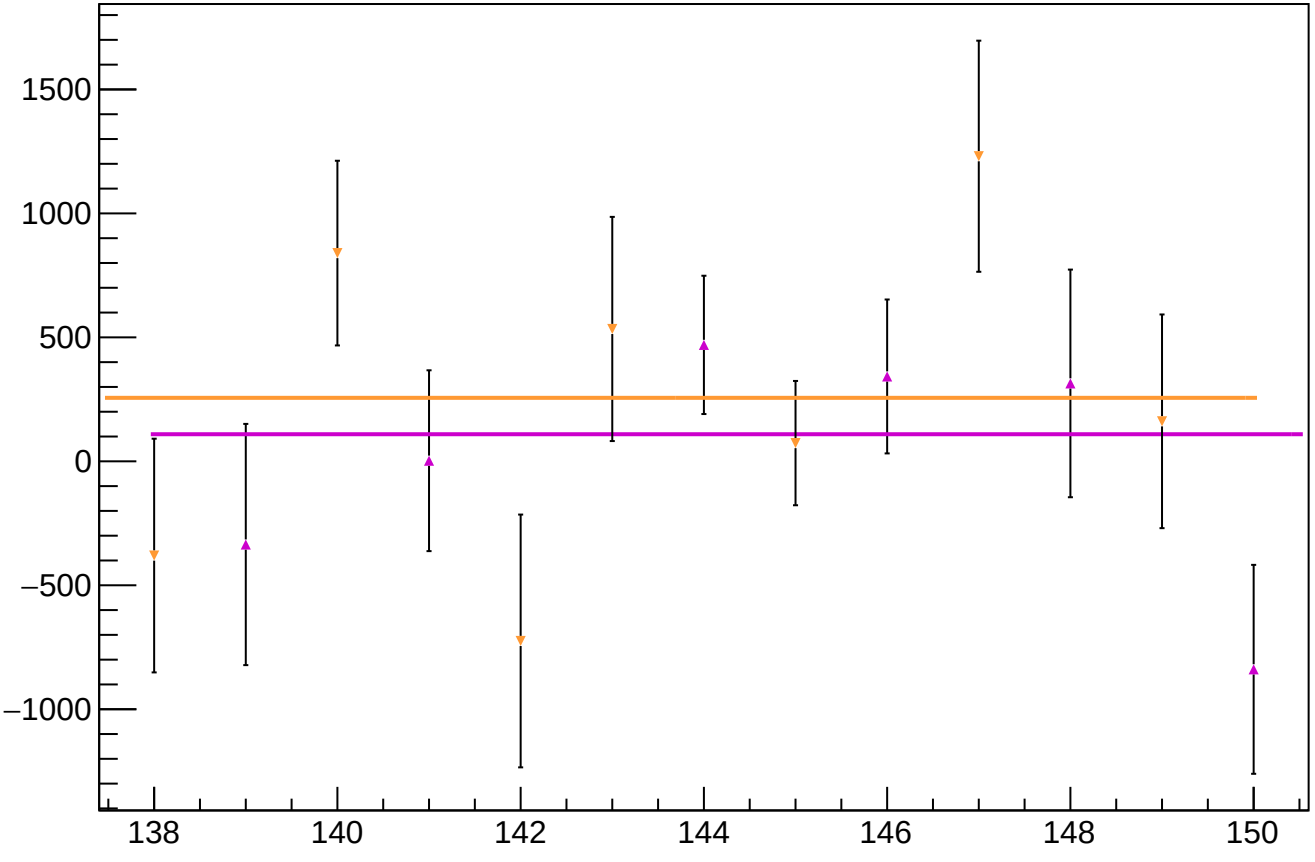
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 49.670+/-0.016 χ^2/NDF:173373.4/5

Out: 48.596+/-0.016 χ^2/NDF:93881.2/6

All: 49.115+/-0.011 χ^2/NDF: 269554.3/12

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: 256.094+/-146.890 χ^2/NDF:13.3/6

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

Left In: 109.277+/-148.489 χ^2/NDF:8.4/5

Left: 183.480+/-104.428 χ^2/NDF: 22.2/12

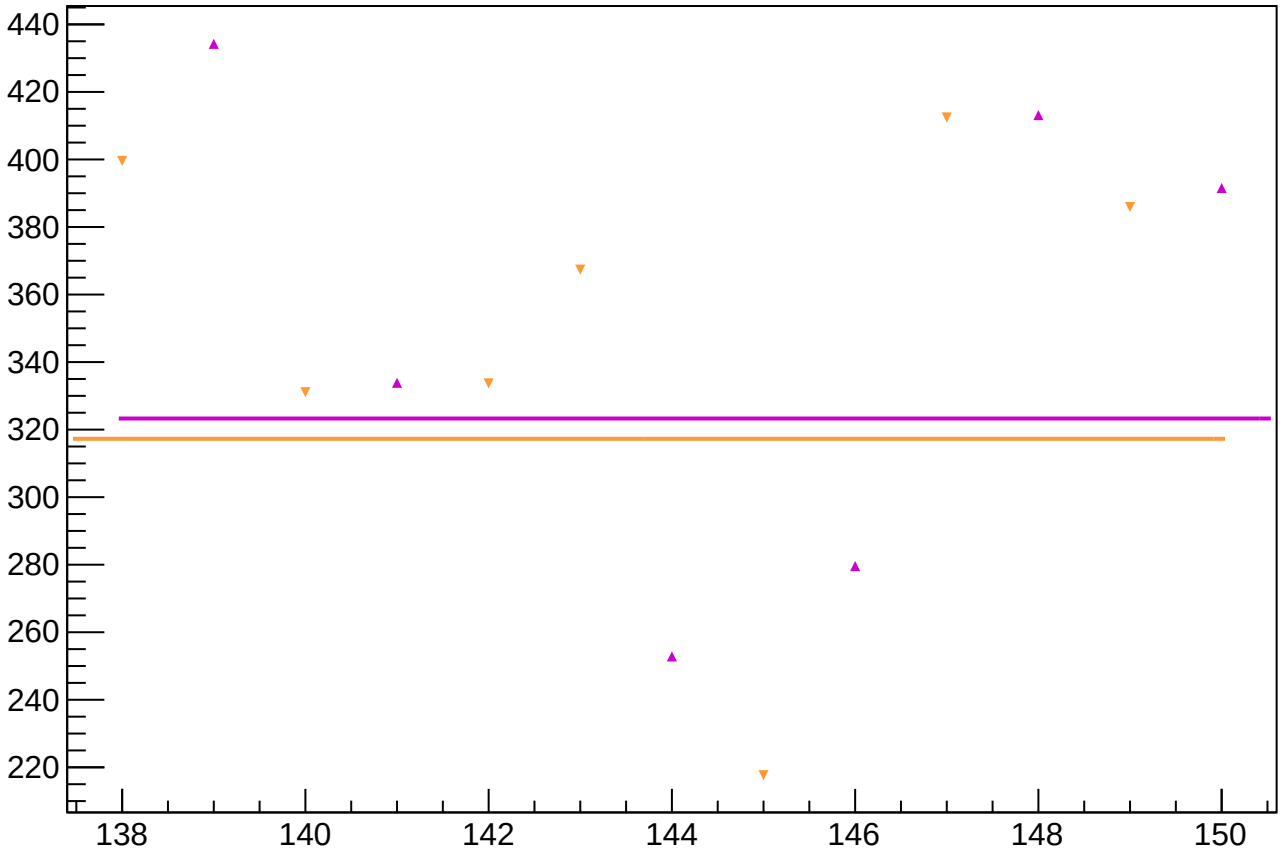
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.277+/-148.489 χ^2/NDF:8.4/5

Out: 256.094+/-146.890 χ^2/NDF:13.3/6

All: 183.480+/-104.428 χ^2/NDF: 22.2/12

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: 317.290+/-0.104 χ^2/NDF:540176.1/6

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

Left In: 323.289+/-0.105 χ^2/NDF:402038.6/5

Left: 320.257+/-0.074 χ^2/NDF: 943864.4/12

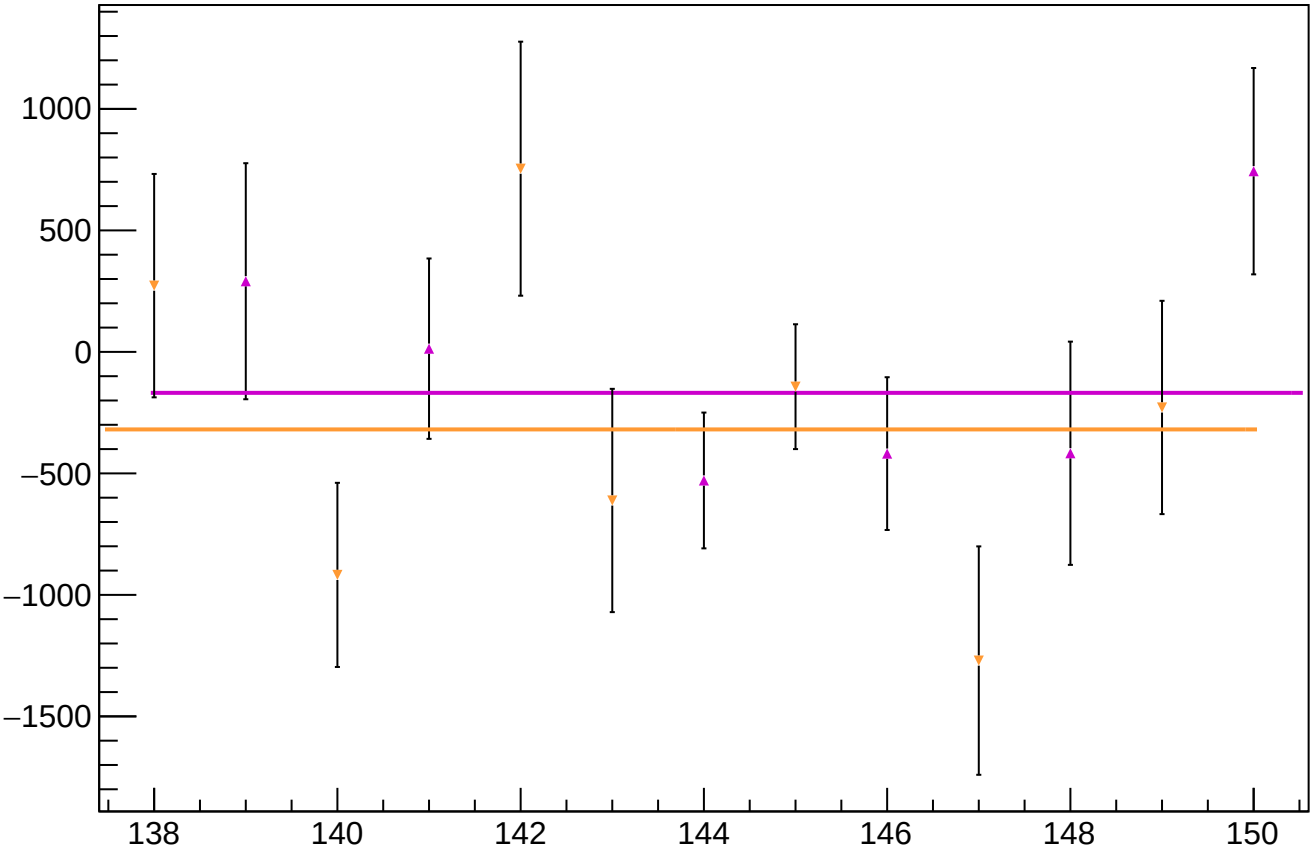
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 323.289+/-0.105 χ^2/NDF:402038.6/5

Out: 317.290+/-0.104 χ^2/NDF:540176.1/6

All: 320.257+/-0.074 χ^2/NDF: 943864.4/12

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -319.038+/-149.125 χ^2/NDF:13.4/6

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

Left In: -168.533+/-149.550 χ^2/NDF:8.3/5

Left: -243.999+/-105.597 χ^2/NDF: 22.2/12

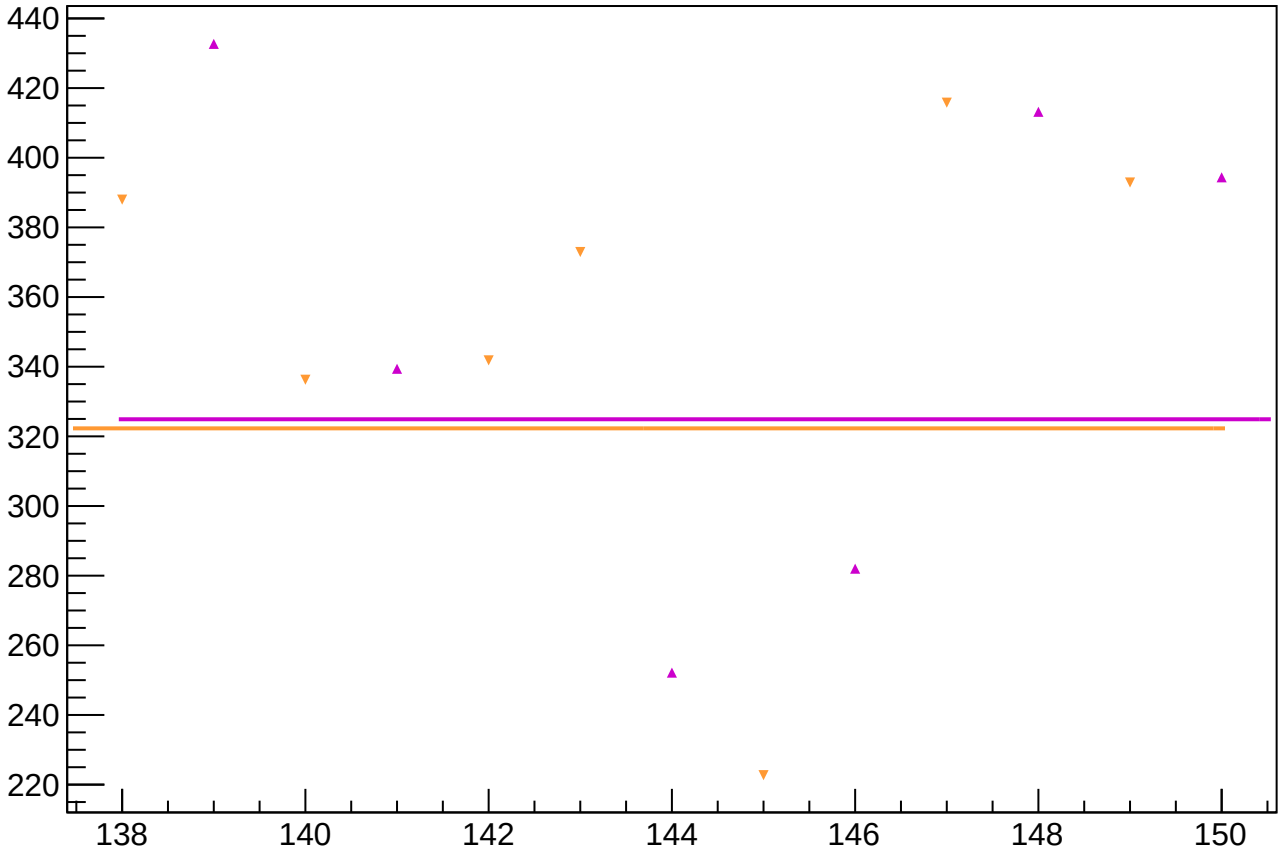
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -168.533+/-149.550 χ^2/NDF:8.3/5

Out: -319.038+/-149.125 χ^2/NDF:13.4/6

All: -243.999+/-105.597 χ^2/NDF: 22.2/12

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 322.294+/-0.105 χ^2/NDF:502113.9/6

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

Left In: 324.907+/-0.106 χ^2/NDF:401782.9/5

Left: 323.597+/-0.075 χ^2/NDF: 904203.0/12

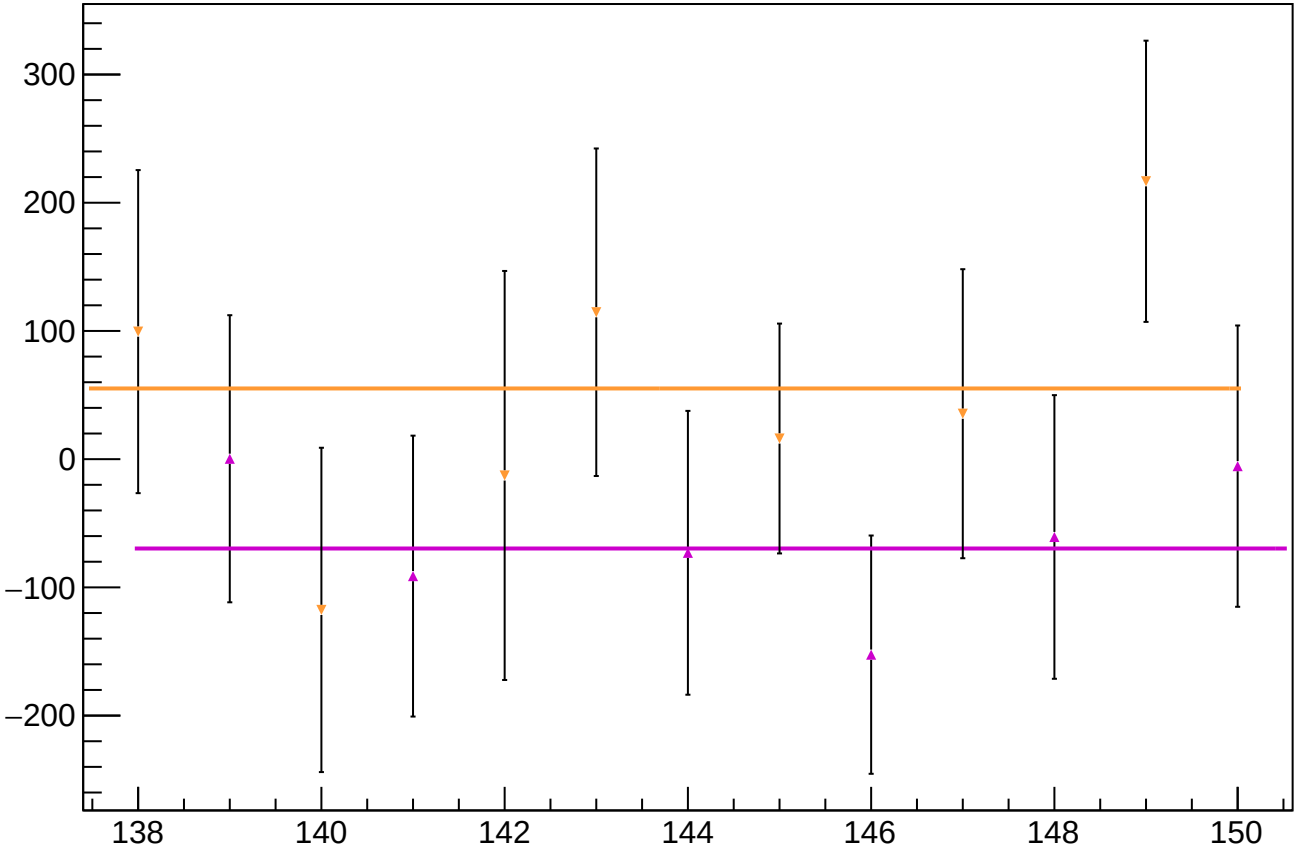
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 324.907+/-0.106 χ^2/NDF:401782.9/5

Out: 322.294+/-0.105 χ^2/NDF:502113.9/6

All: 323.597+/-0.075 χ^2/NDF: 904203.0/12

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: 55.139+/-44.175 χ^2/NDF:4.8/6

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

Left In: -69.679+/-43.629 χ^2/NDF:1.6/5

Left: -8.047+/-31.041 χ^2/NDF: 10.4/12

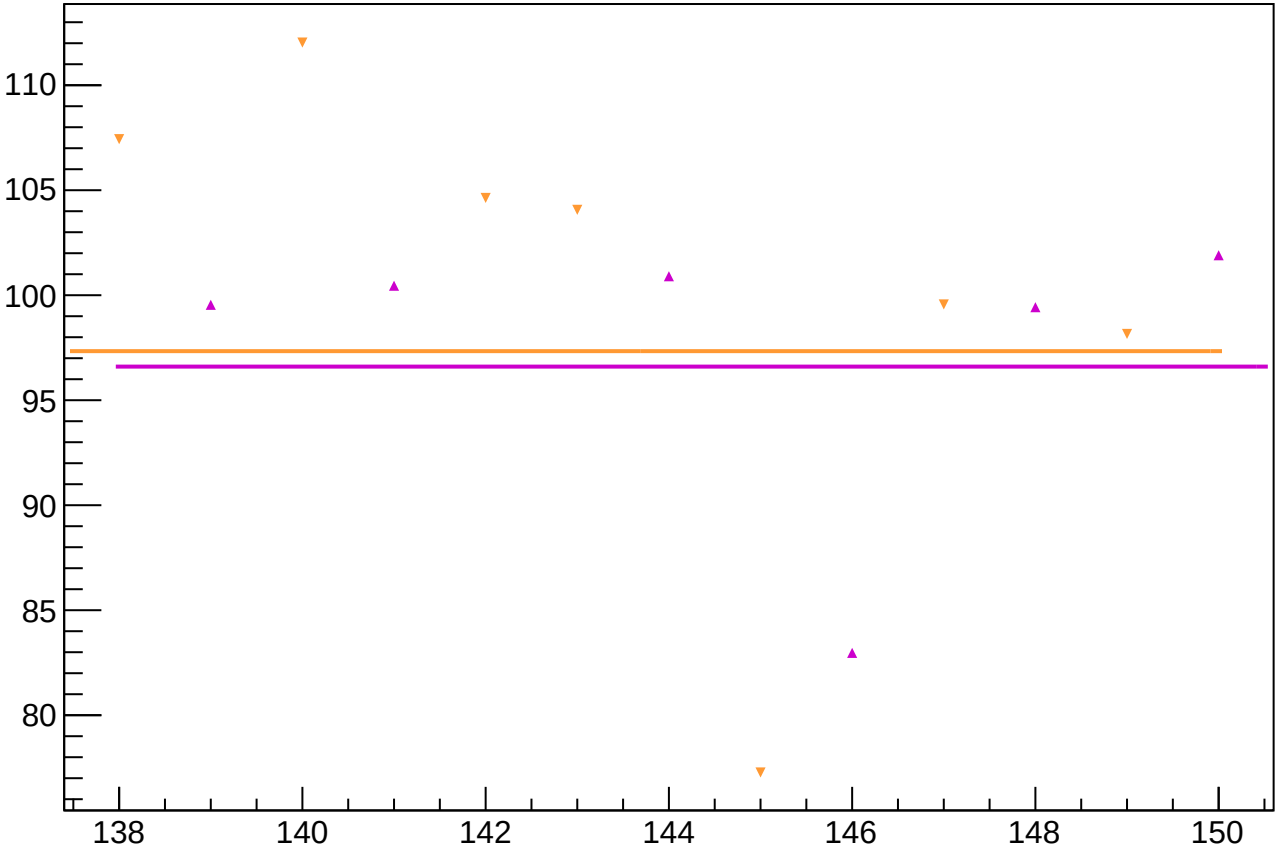
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -69.679+/-43.629 χ^2/NDF:1.6/5

Out: 55.139+/-44.175 χ^2/NDF:4.8/6

All: -8.047+/-31.041 χ^2/NDF: 10.4/12

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: 97.337+/-0.031 χ^2/NDF:150677.0/6

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

Left In: 96.601+/-0.031 χ^2/NDF:55903.7/5

Left: 96.964+/-0.022 χ^2/NDF: 206861.6/12

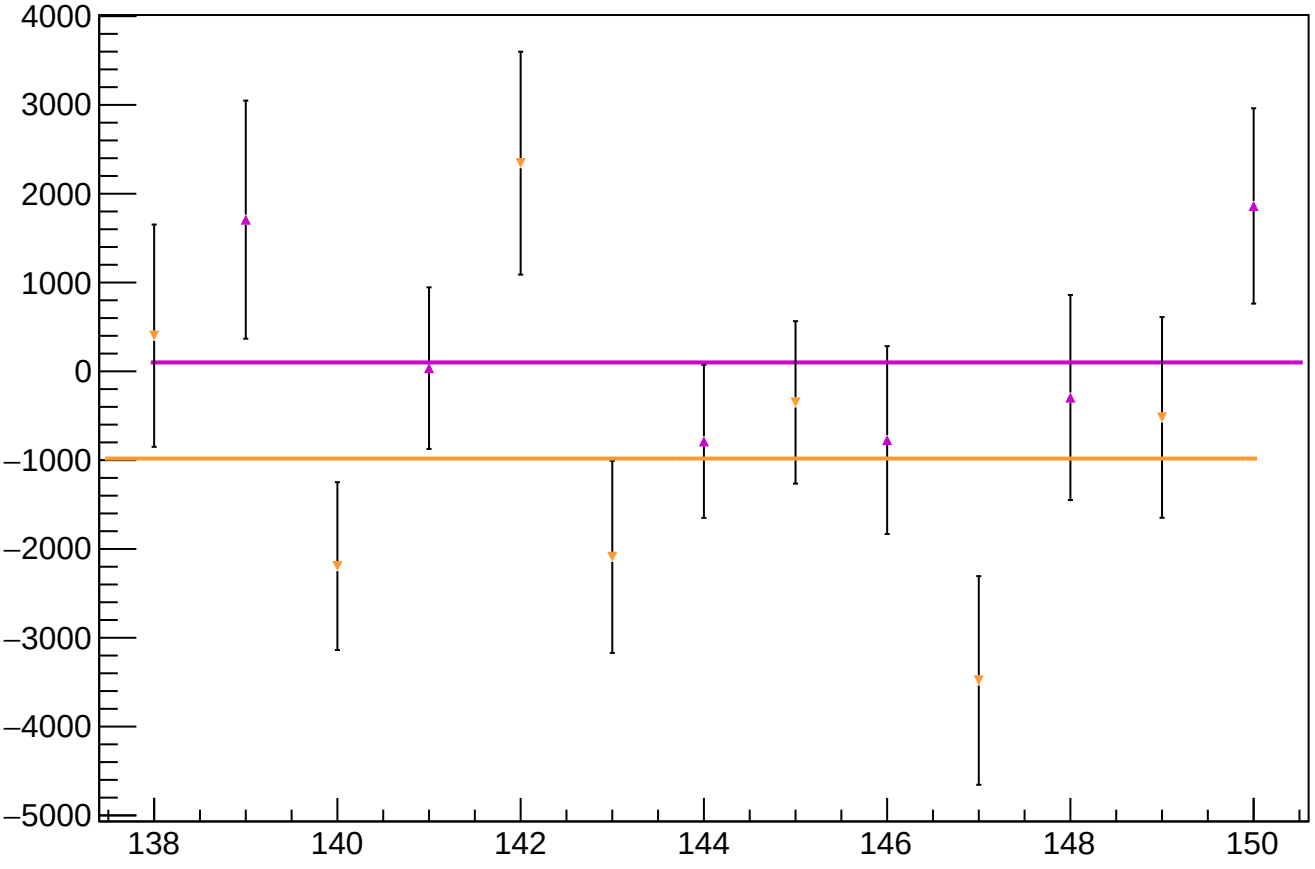
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 96.601+/-0.031 χ^2/NDF:55903.7/5

Out: 97.337+/-0.031 χ^2/NDF:150677.0/6

All: 96.964+/-0.022 χ^2/NDF: 206861.6/12

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: -981.951+/-409.918 χ^2/NDF:16.1/6

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

Left In: 100.298+/-423.257 χ^2/NDF:5.9/5

Left: -458.150+/-294.459 χ^2/NDF: 25.4/12

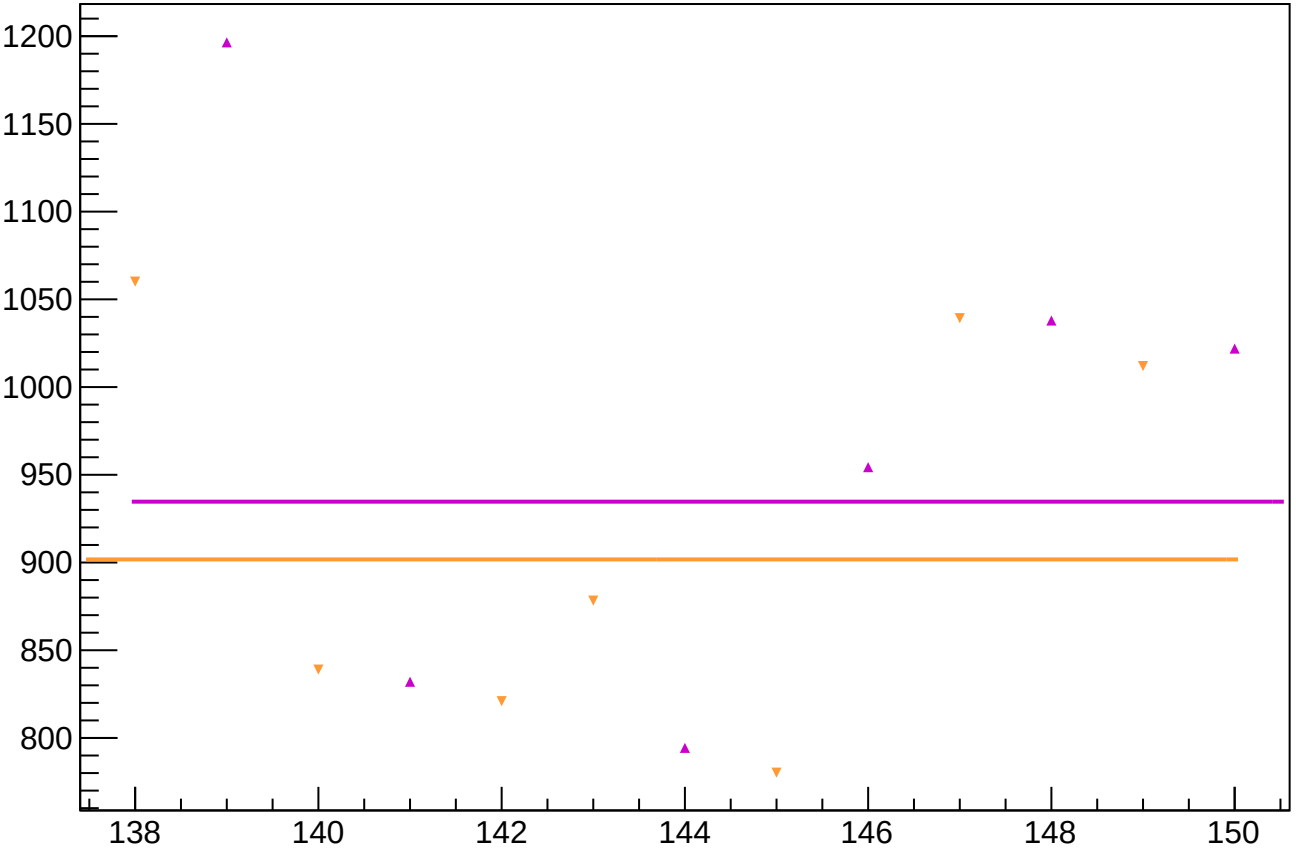
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.298+/-423.257 χ^2/NDF:5.9/5

Out: -981.951+/-409.918 χ^2/NDF:16.1/6

All: -458.150+/-294.459 χ^2/NDF: 25.4/12

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: 901.756+/-0.290 χ^2/NDF:131823.7/6

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

Left In: 934.684+/-0.299 χ^2/NDF:184027.4/5

Left: 917.693+/-0.208 χ^2/NDF: 322097.0/12

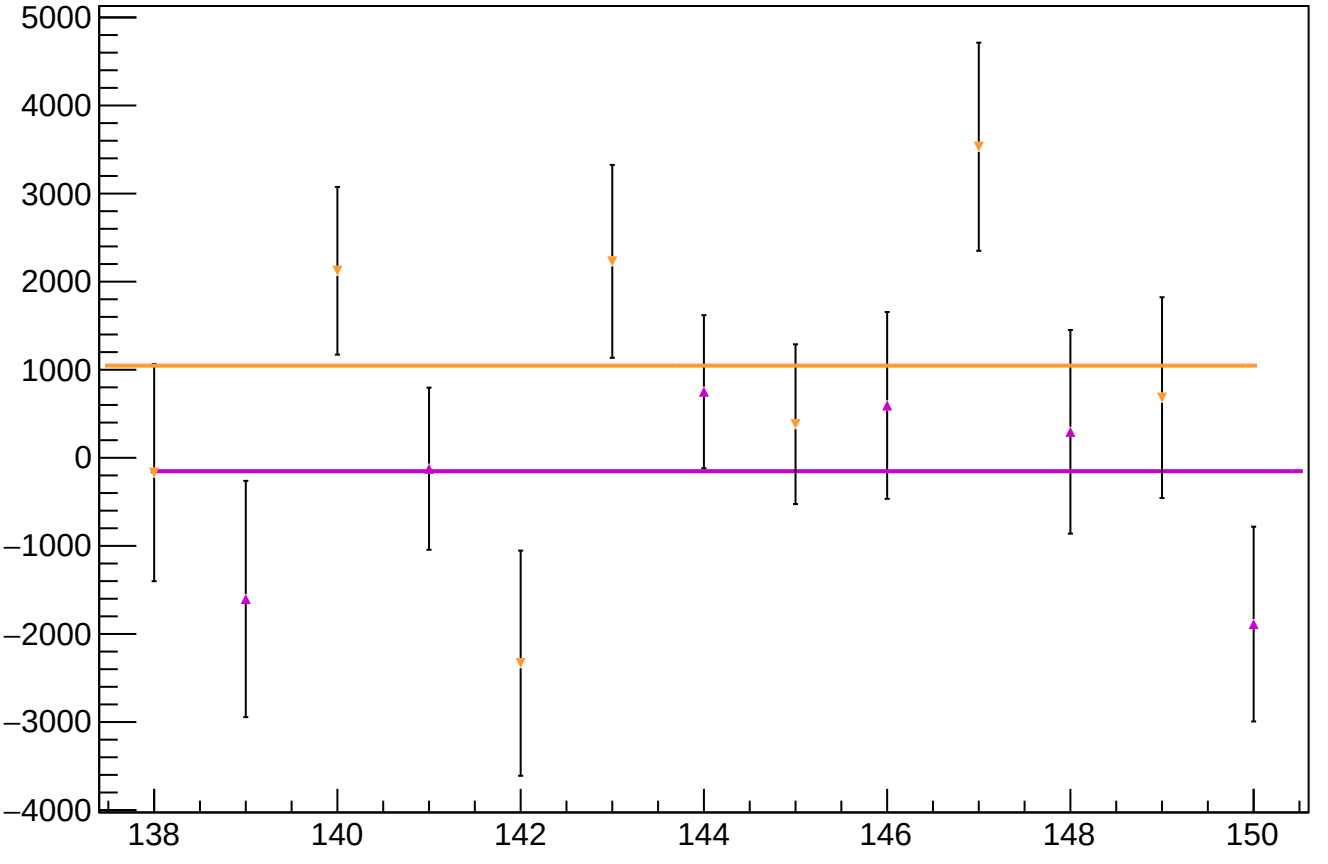
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 934.684+/-0.299 χ^2/NDF:184027.4/5

Out: 901.756+/-0.290 χ^2/NDF:131823.7/6

All: 917.693+/-0.208 χ^2/NDF: 322097.0/12

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1046.655+/-411.407 χ^2/NDF:15.5/6

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

Left In: -151.681+/-425.783 χ^2/NDF:5.4/5

Left: 468.059+/-295.860 χ^2/NDF: 24.9/12

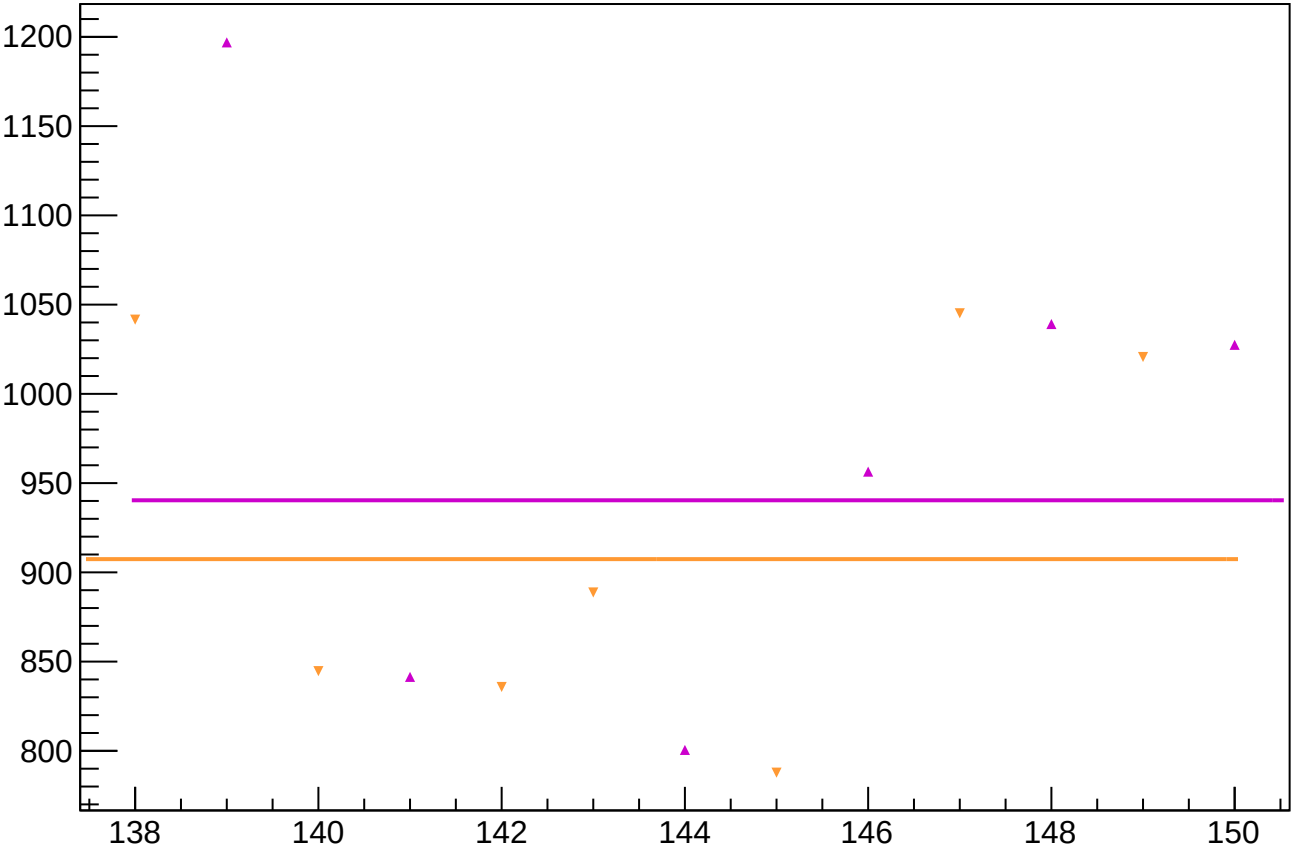
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -151.681+/-425.783 χ^2/NDF:5.4/5

Out: 1046.655+/-411.407 χ^2/NDF:15.5/6

All: 468.059+/-295.860 χ^2/NDF: 24.9/12

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 907.411+/-0.291 χ^2/NDF:120954.9/6

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

Left In: 940.377+/-0.301 χ^2/NDF:175550.6/5

Left: 923.328+/-0.209 χ^2/NDF: 302705.9/12

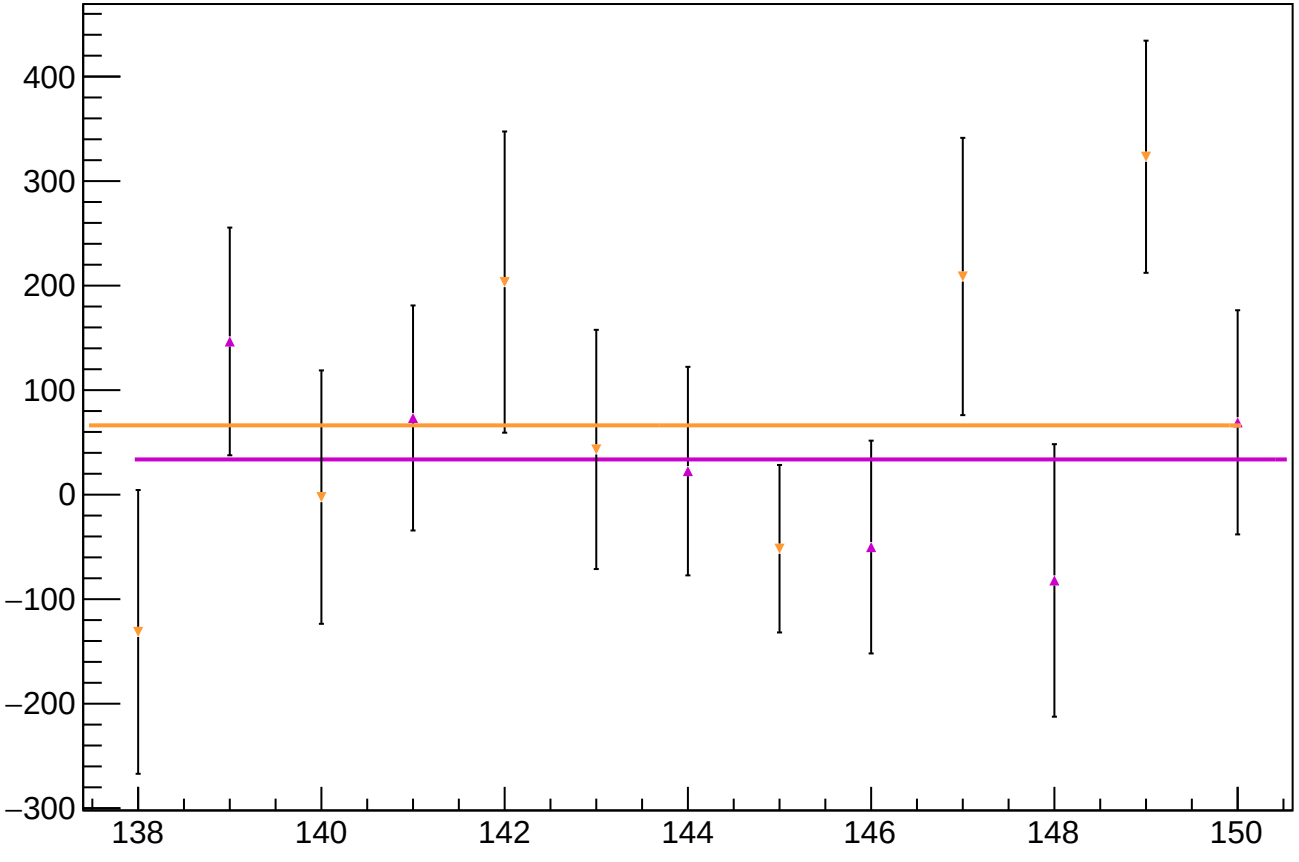
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 940.377+/-0.301 χ^2/NDF:175550.6/5

Out: 907.411+/-0.291 χ^2/NDF:120954.9/6

All: 923.328+/-0.209 χ^2/NDF: 302705.9/12

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 66.307+/-43.013 χ^2/NDF:12.1/6

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

Left In: 33.704+/-44.136 χ^2/NDF:2.8/5

Left: 50.425+/-30.804 χ^2/NDF: 15.1/12

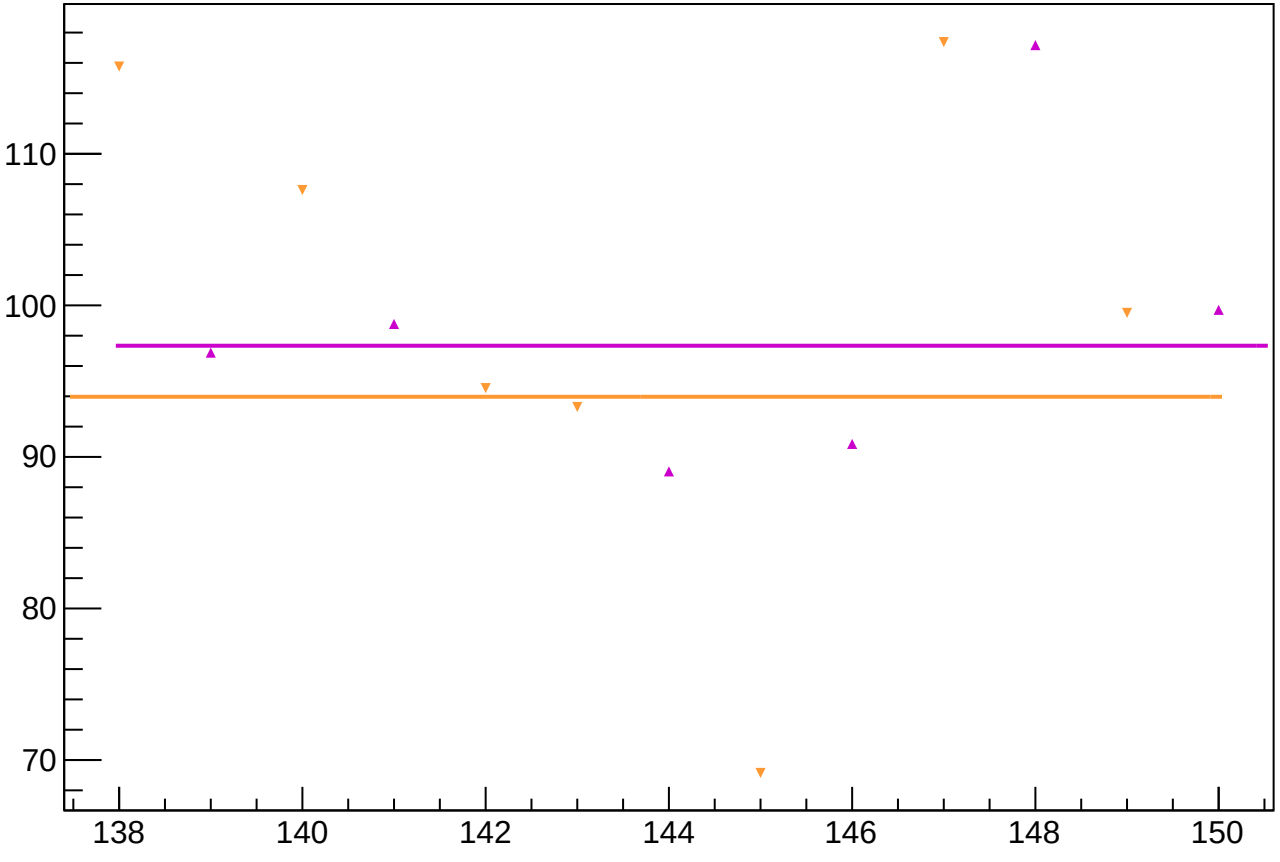
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 33.704+/-44.136 χ^2/NDF:2.8/5

Out: 66.307+/-43.013 χ^2/NDF:12.1/6

All: 50.425+/-30.804 χ^2/NDF: 15.1/12

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: 93.969+/-0.030 χ^2/NDF:336079.7/6

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

Left In: 97.337+/-0.031 χ^2/NDF:69583.5/5

Left: 95.610+/-0.022 χ^2/NDF: 411637.4/12

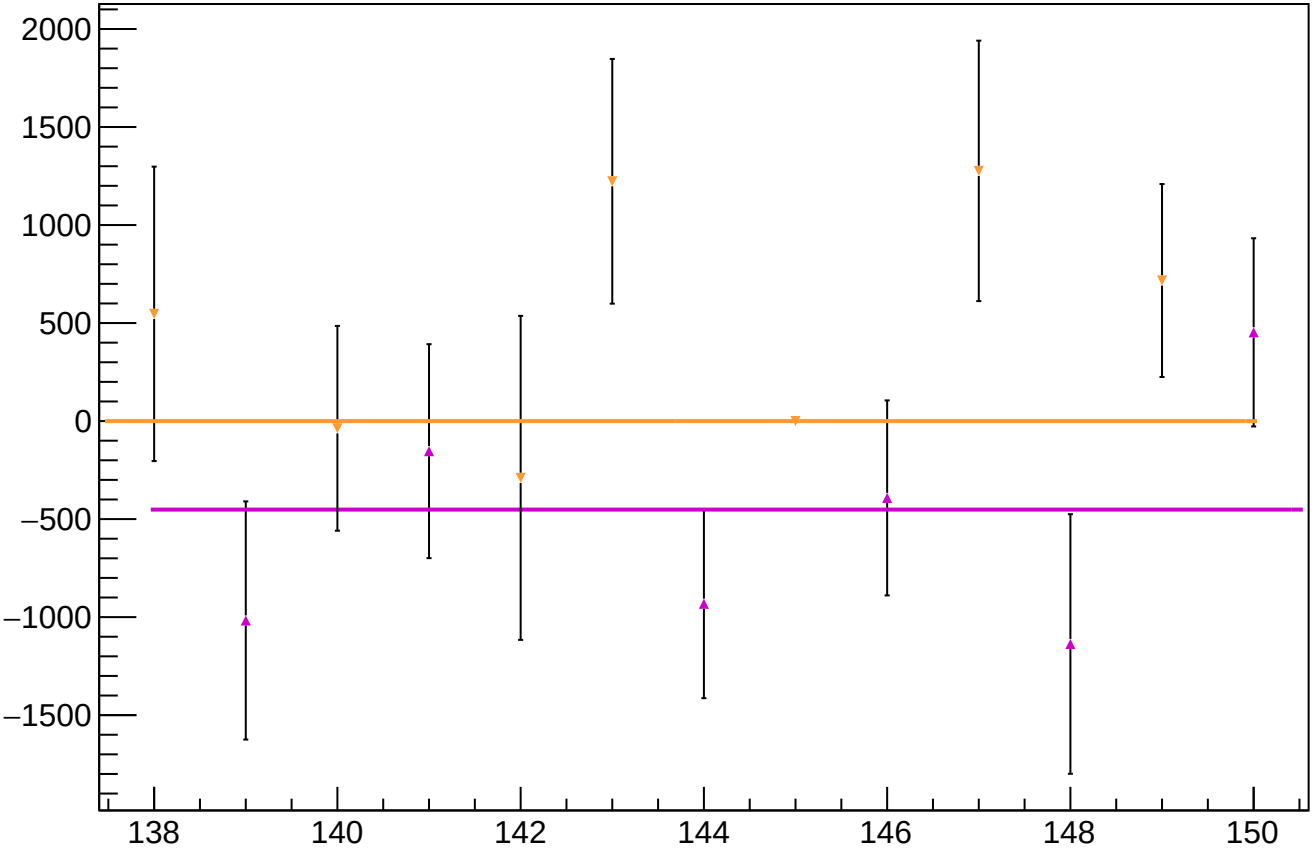
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 97.337+/-0.031 χ^2/NDF:69583.5/5

Out: 93.969+/-0.030 χ^2/NDF:336079.7/6

All: 95.610+/-0.022 χ^2/NDF: 411637.4/12

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:10.3/6

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

Left In: -451.477+/-217.994 χ^2/NDF:6.8/5

Left: -0.000+/-0.000 χ^2/NDF: 21.4/12

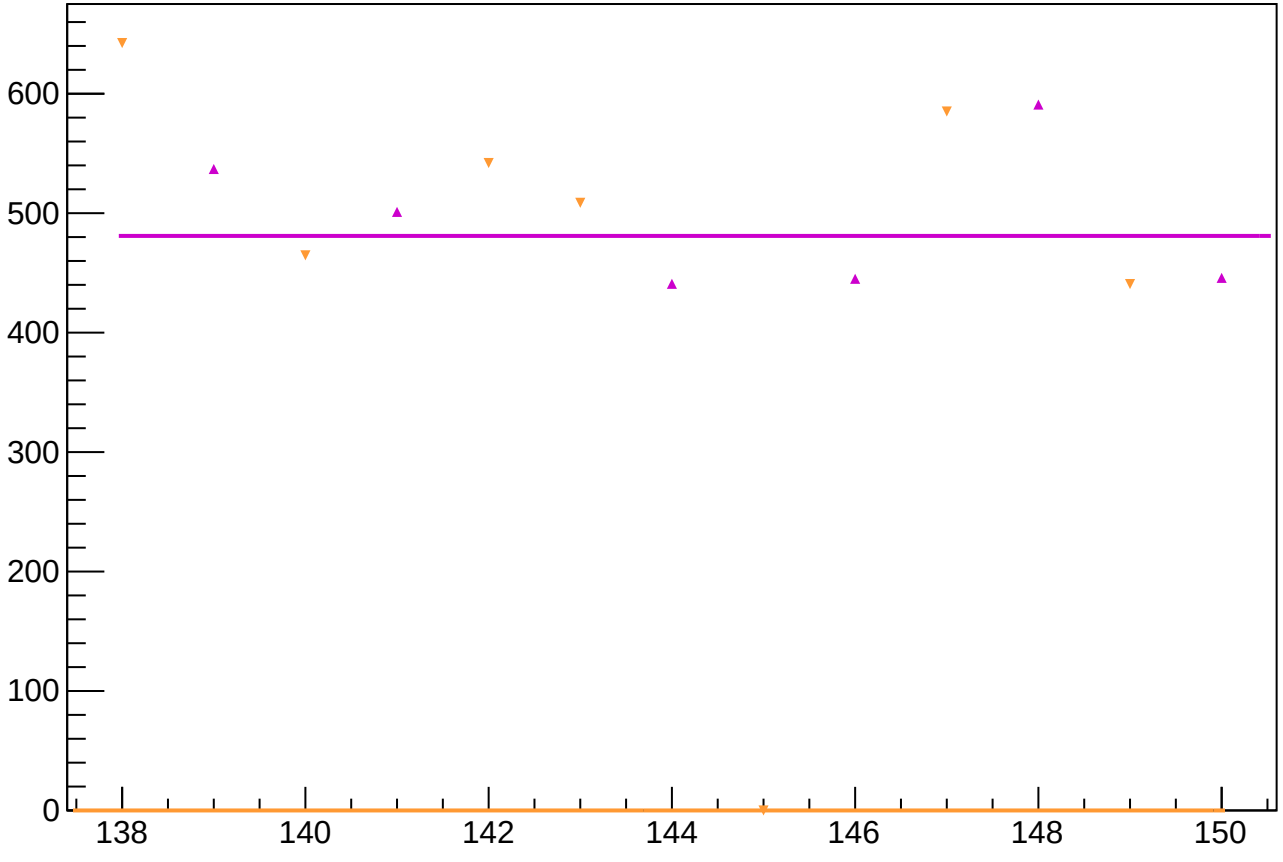
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -451.477+/-217.994 χ^2/NDF:6.8/5

Out: -0.000+/-0.000 χ^2/NDF:10.3/6

All: -0.000+/-0.000 χ^2/NDF: 21.4/12

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:8392573.9/6

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

Left In: 480.972+/-0.154 χ^2/NDF:109869.0/5

Left: 0.000+/-0.000 χ^2/NDF: 18238448.6/12

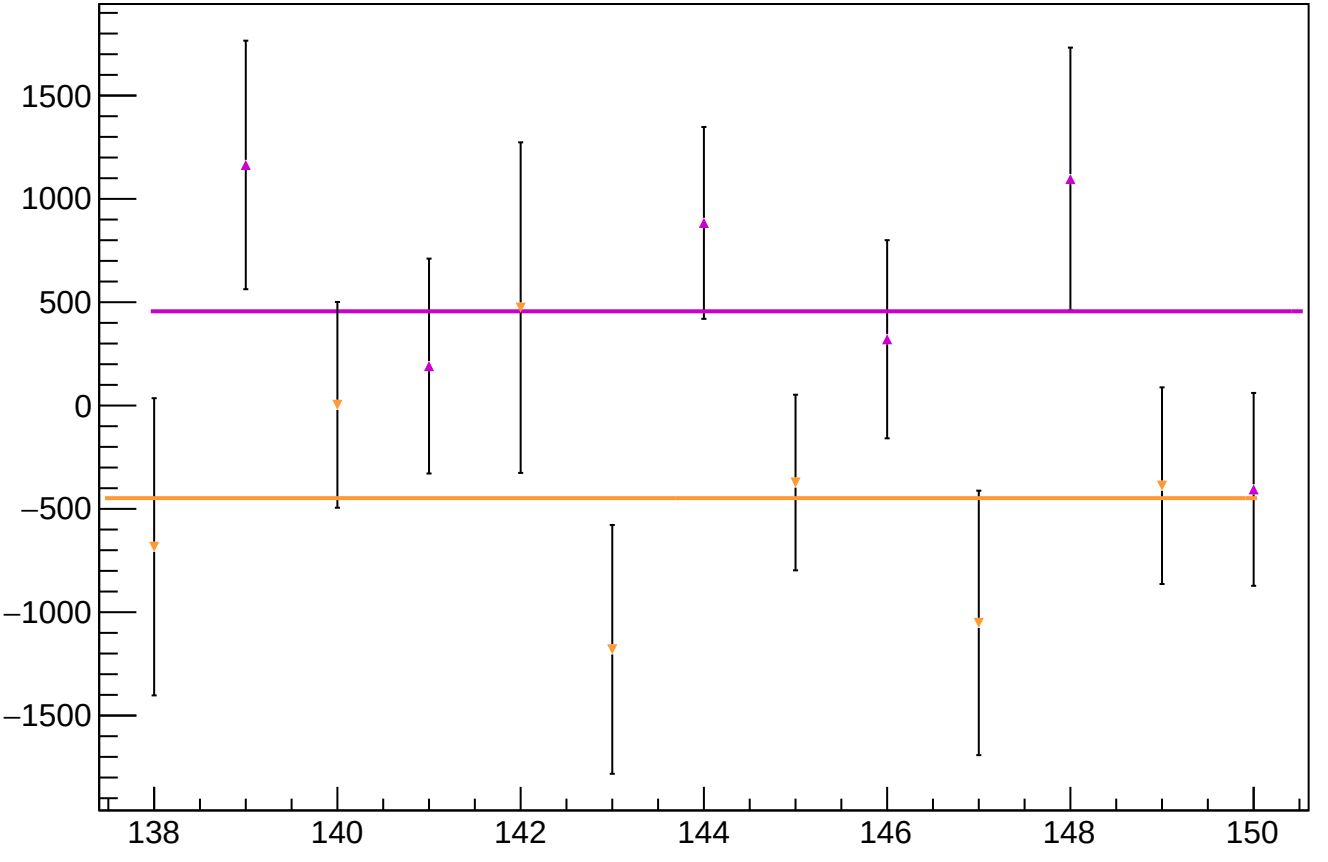
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 480.972+/-0.154 χ^2/NDF:109869.0/5

Out: 0.000+/-0.000 χ^2/NDF:8392573.9/6

All: 0.000+/-0.000 χ^2/NDF: 18238448.6/12

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -448.117+/-209.934 χ^2/NDF:4.7/6

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

Left In: 456.105+/-210.707 χ^2/NDF:7.0/5

Left: 2.332+/-148.718 χ^2/NDF: 20.9/12

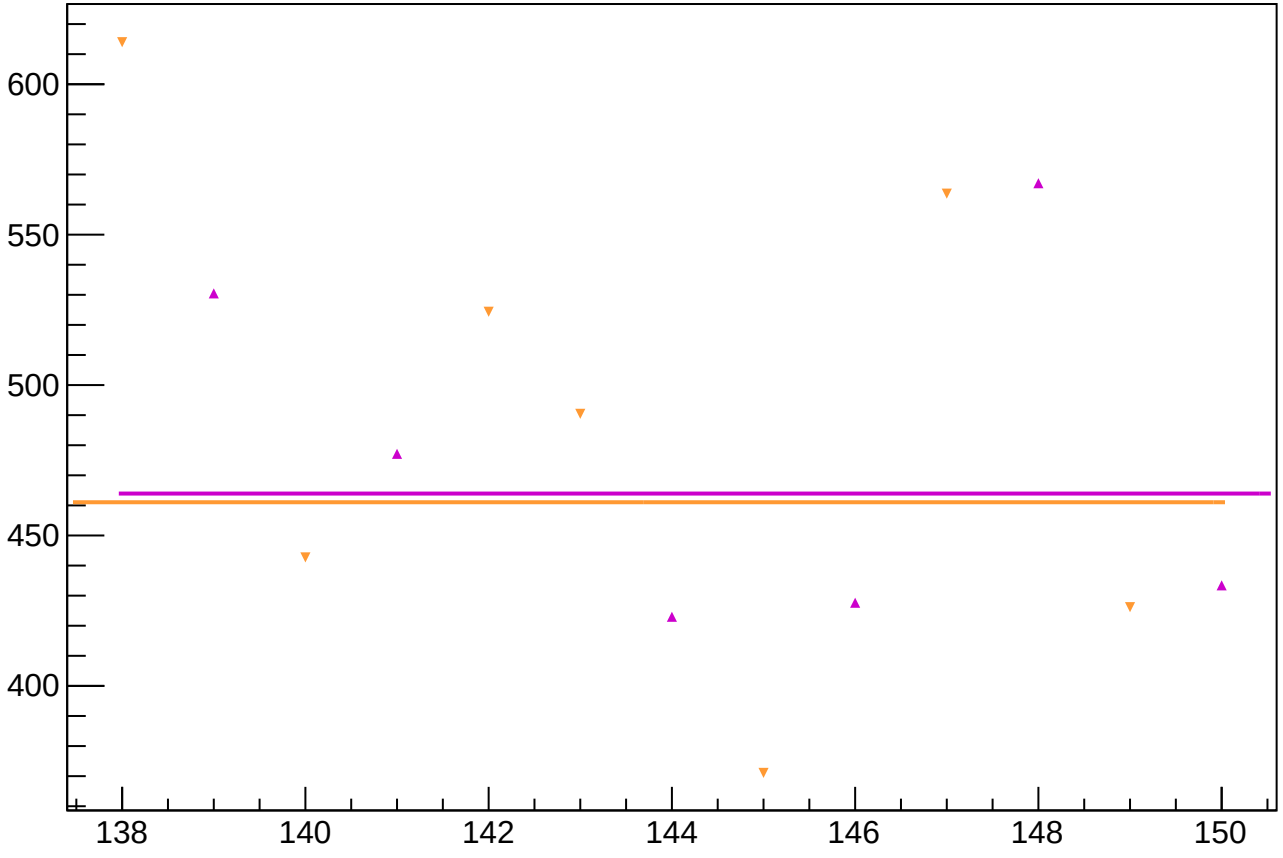
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 456.105+/-210.707 χ^2/NDF:7.0/5

Out: -448.117+/-209.934 χ^2/NDF:4.7/6

All: 2.332+/-148.718 χ^2/NDF: 20.9/12

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 461.049+/-0.148 χ^2/NDF:262306.5/6

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

Left In: 463.937+/-0.149 χ^2/NDF:114011.7/5

Left: 462.487+/-0.105 χ^2/NDF: 376506.7/12

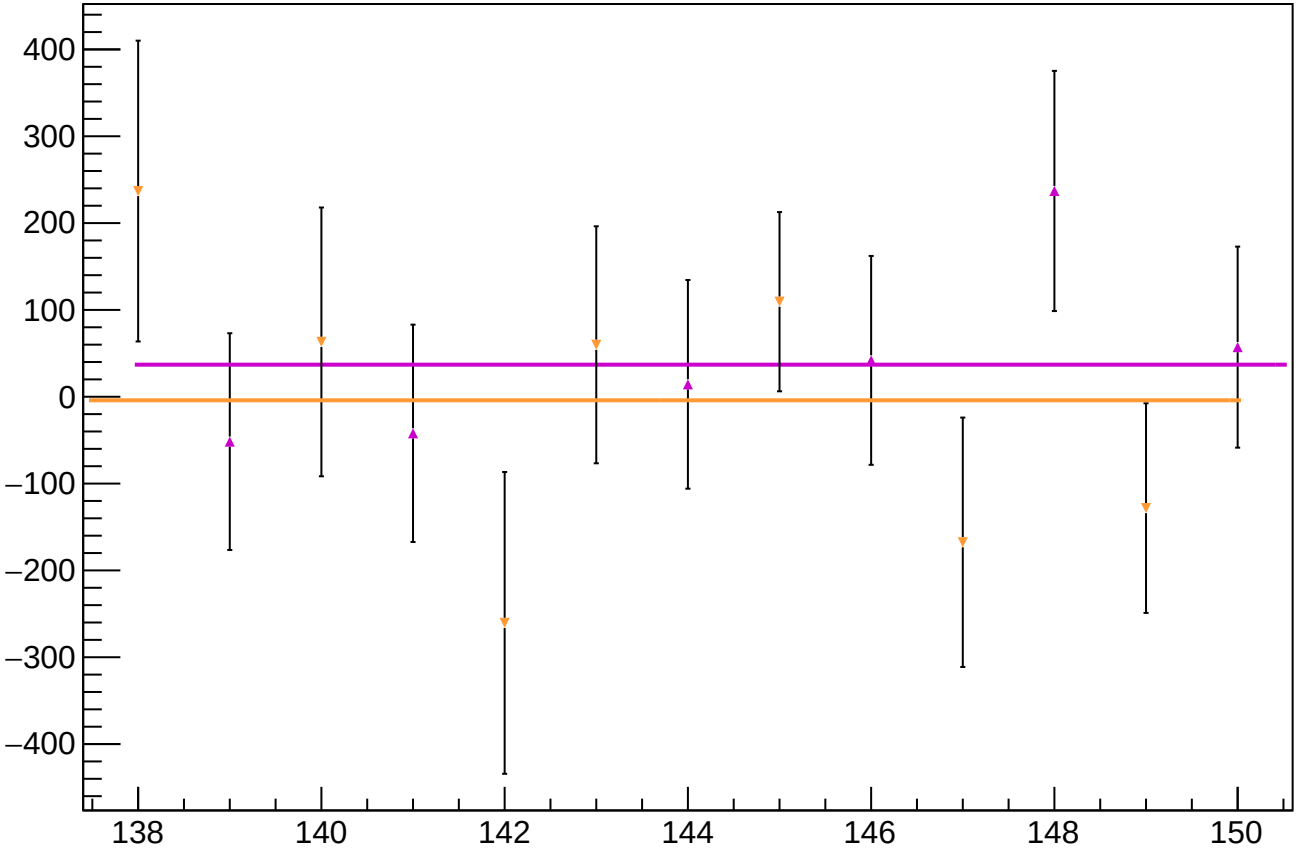
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 463.937+/-0.149 χ^2/NDF:114011.7/5

Out: 461.049+/-0.148 χ^2/NDF:262306.5/6

All: 462.487+/-0.105 χ^2/NDF: 376506.7/12

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: -4.089+/-51.789 χ^2/NDF:8.1/6

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

Left In: 36.947+/-50.426 χ^2/NDF:3.1/5

Left: 16.976+/-36.129 χ^2/NDF: 11.5/12

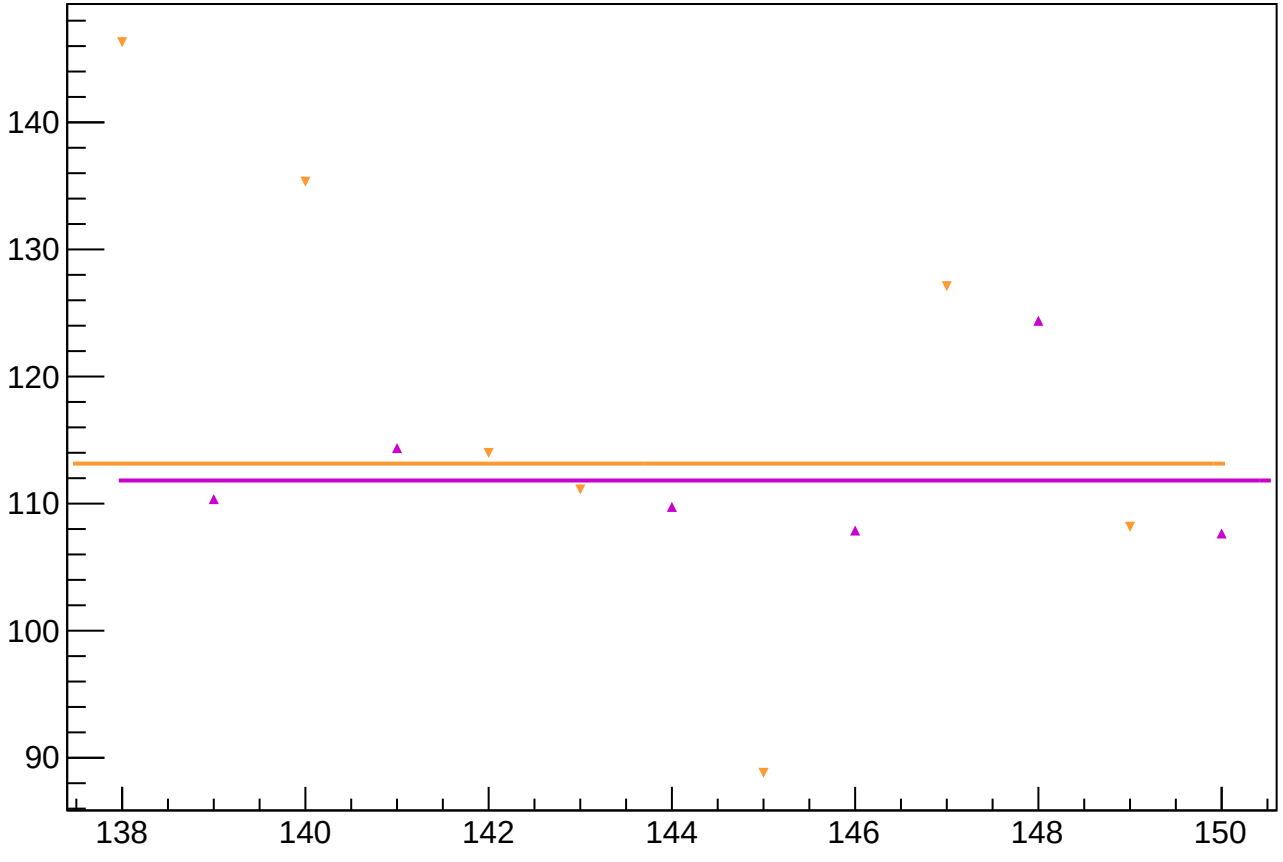
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.947+/-50.426 χ^2/NDF:3.1/5

Out: -4.089+/-51.789 χ^2/NDF:8.1/6

All: 16.976+/-36.129 χ^2/NDF: 11.5/12

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 113.149+/-0.037 χ^2/NDF:248323.8/6

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

Left In: 111.819+/-0.036 χ^2/NDF:22950.5/5

Left: 112.466+/-0.026 χ^2/NDF: 271951.6/12

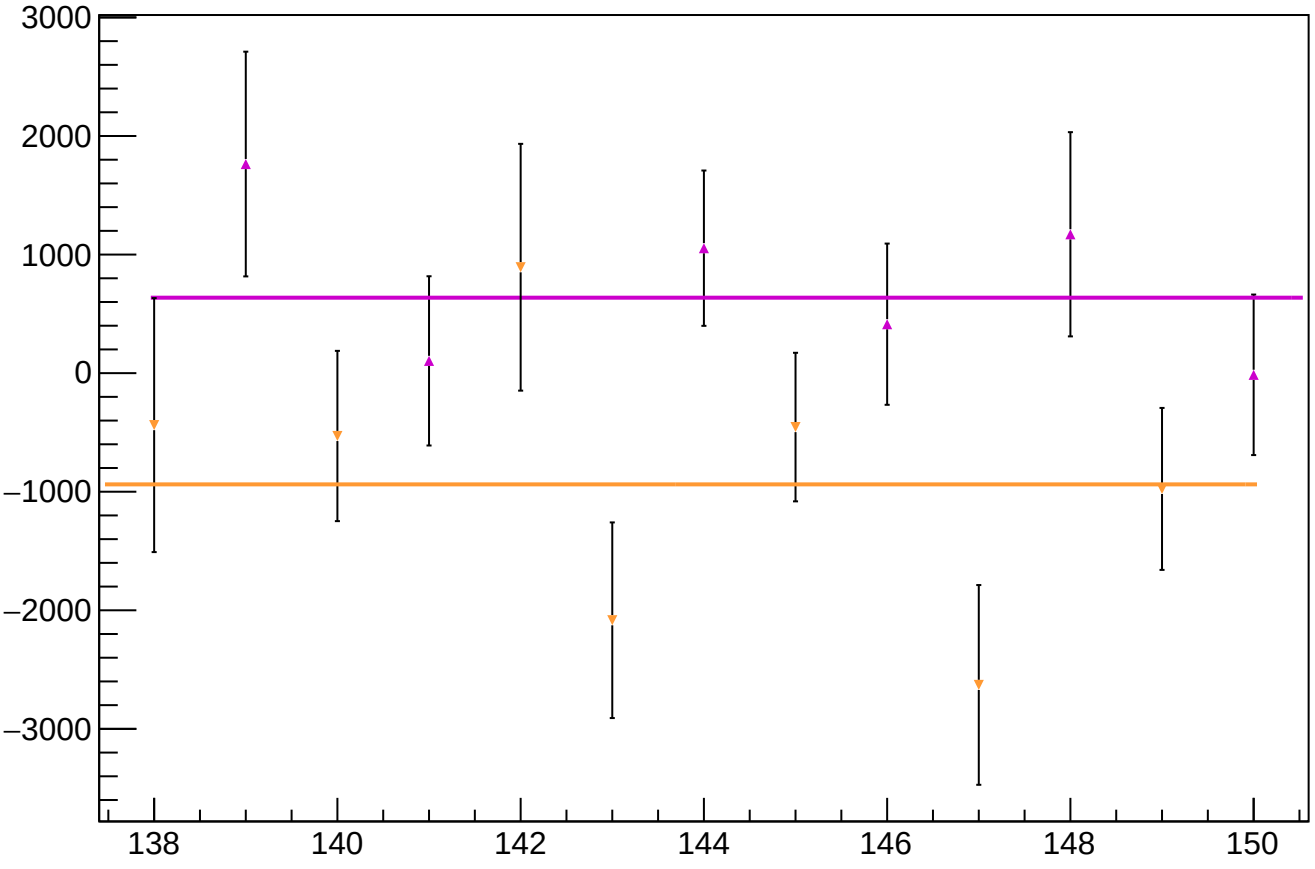
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.819+/-0.036 χ^2/NDF:22950.5/5

Out: 113.149+/-0.037 χ^2/NDF:248323.8/6

All: 112.466+/-0.026 χ^2/NDF: 271951.6/12

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -938.042+/-297.413 χ^2/NDF:10.2/6

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

Left In: 636.388+/-300.116 χ^2/NDF:3.8/5

Left: -157.947+/-211.252 χ^2/NDF: 27.9/12

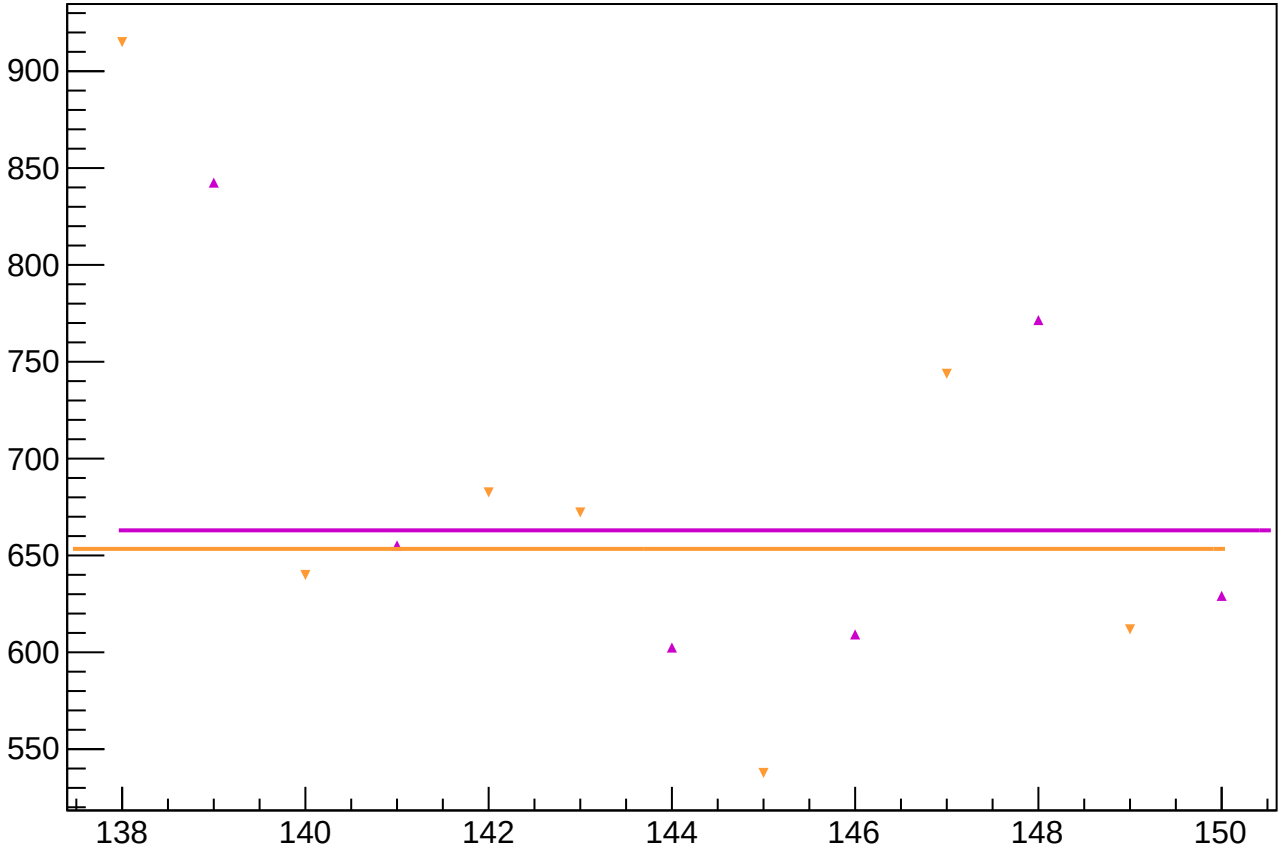
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 636.388+/-300.116 χ^2/NDF:3.8/5

Out: -938.042+/-297.413 χ^2/NDF:10.2/6

All: -157.947+/-211.252 χ^2/NDF: 27.9/12

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 653.401+/-0.210 χ^2/NDF:221266.4/6

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

Left In: 662.963+/-0.212 χ^2/NDF:138362.7/5

Left: 658.139+/-0.149 χ^2/NDF: 360653.4/12

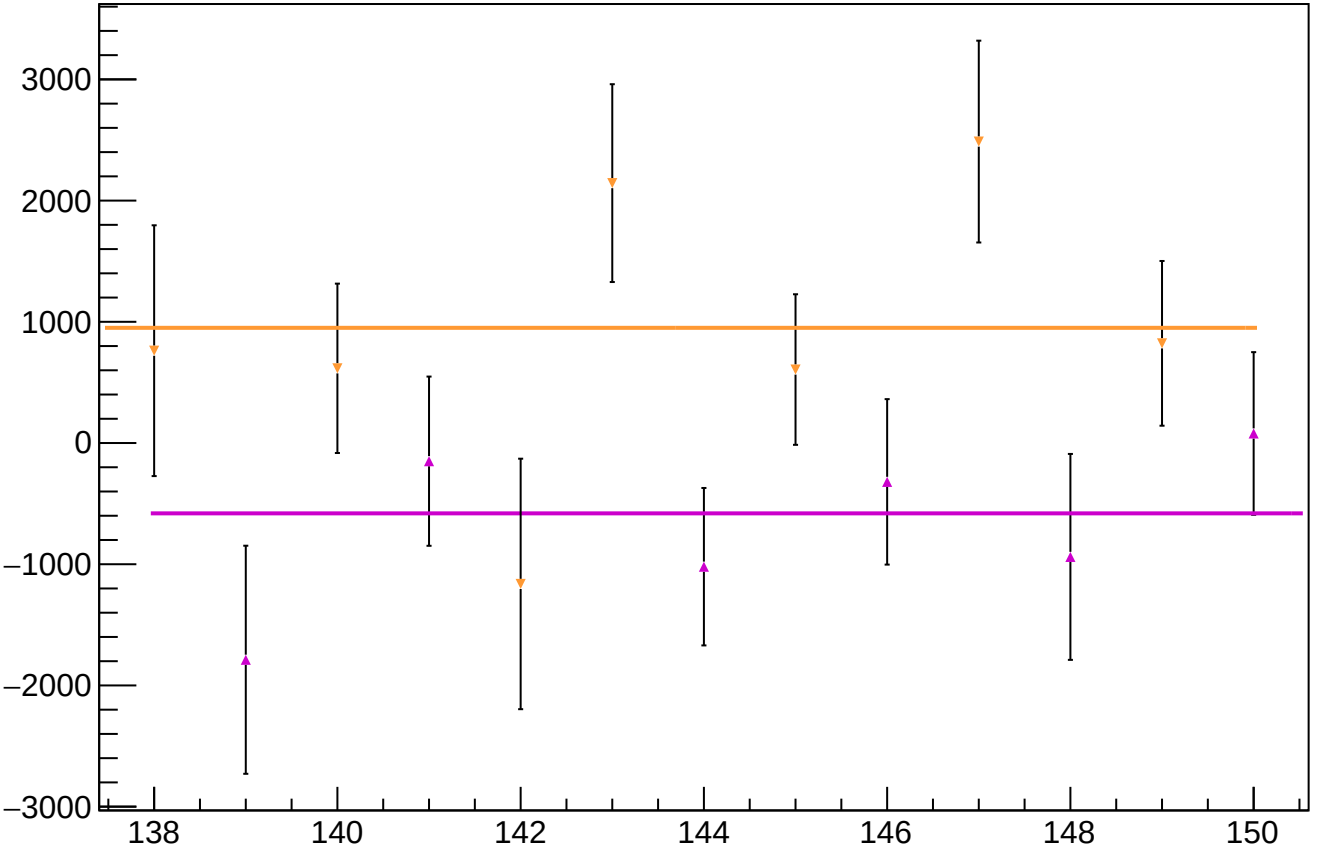
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 662.963+/-0.212 χ^2/NDF:138362.7/5

Out: 653.401+/-0.210 χ^2/NDF:221266.4/6

All: 658.139+/-0.149 χ^2/NDF: 360653.4/12

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 950.409+/-293.339 χ^2/NDF:10.3/6

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

Left In: -580.301+/-297.393 χ^2/NDF:3.8/5

Left: 195.560+/-208.841 χ^2/NDF: 27.5/12

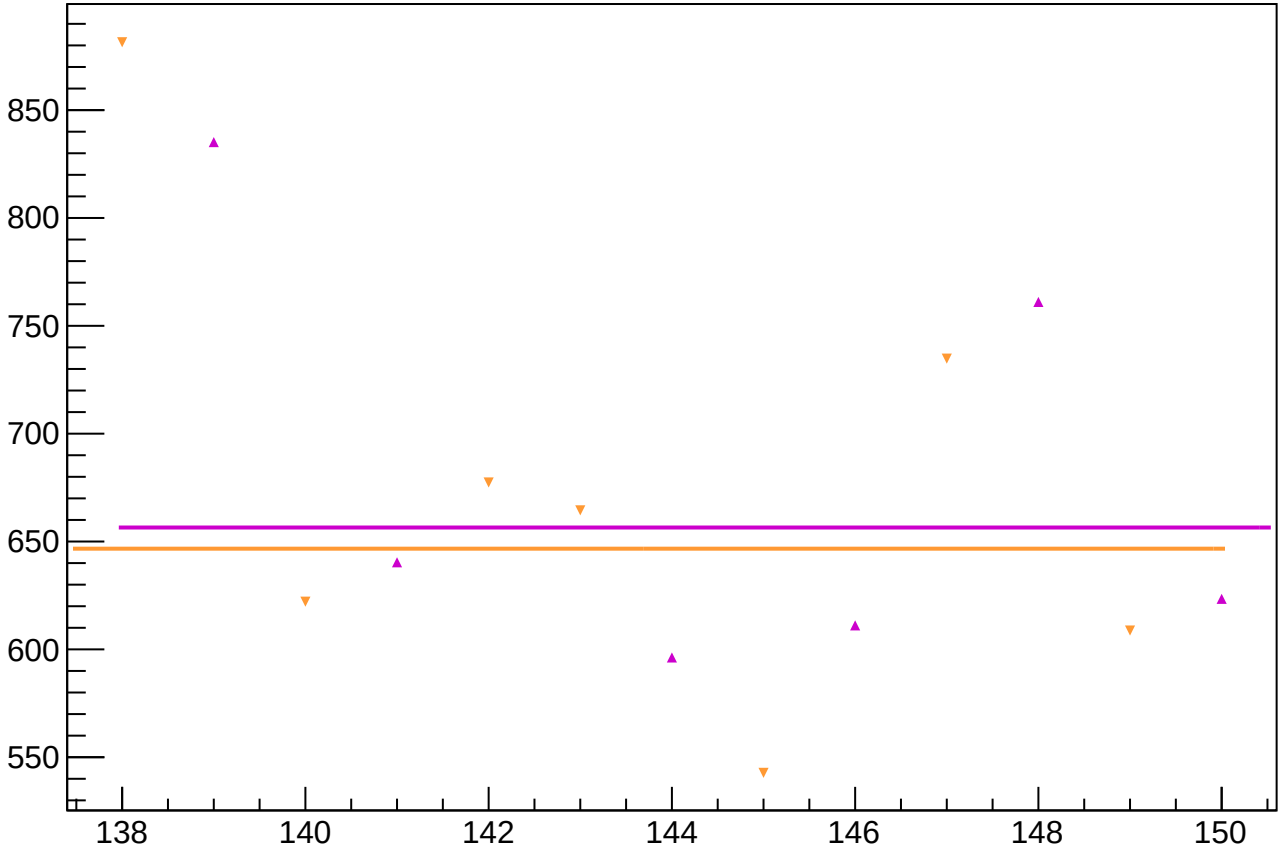
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -580.301+/-297.393 χ^2/NDF:3.8/5

Out: 950.409+/-293.339 χ^2/NDF:10.3/6

All: 195.560+/-208.841 χ^2/NDF: 27.5/12

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 646.683+/-0.207 χ^2/NDF:192825.5/6

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

Left In: 656.494+/-0.210 χ^2/NDF:134413.8/5

Left: 651.521+/-0.148 χ^2/NDF: 328342.6/12

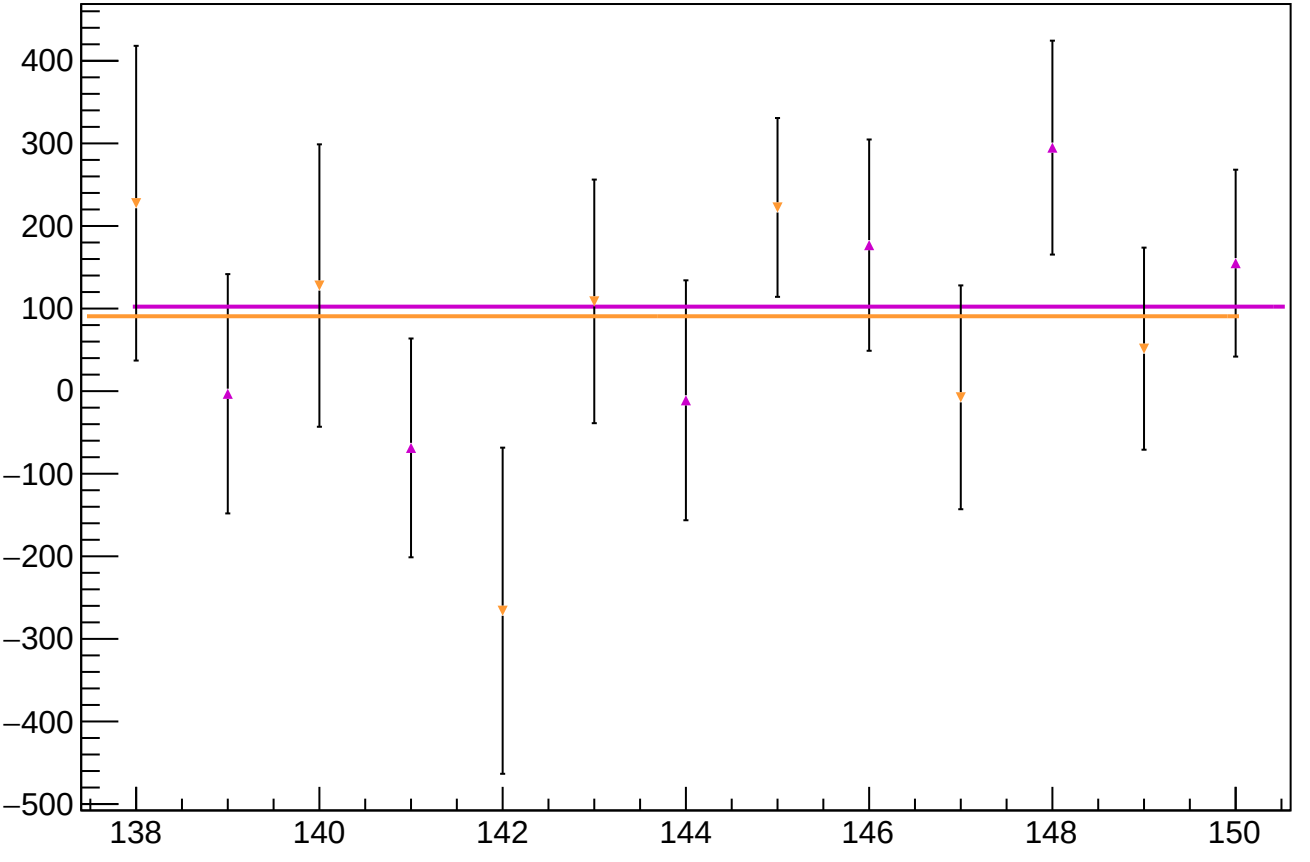
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 656.494+/-0.210 χ^2/NDF:134413.8/5

Out: 646.683+/-0.207 χ^2/NDF:192825.5/6

All: 651.521+/-0.148 χ^2/NDF: 328342.6/12

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 90.684+/-54.240 χ^2/NDF:5.9/6

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

Left In: 102.325+/-53.391 χ^2/NDF:5.6/5

Left: 96.596+/-38.050 χ^2/NDF: 11.5/12

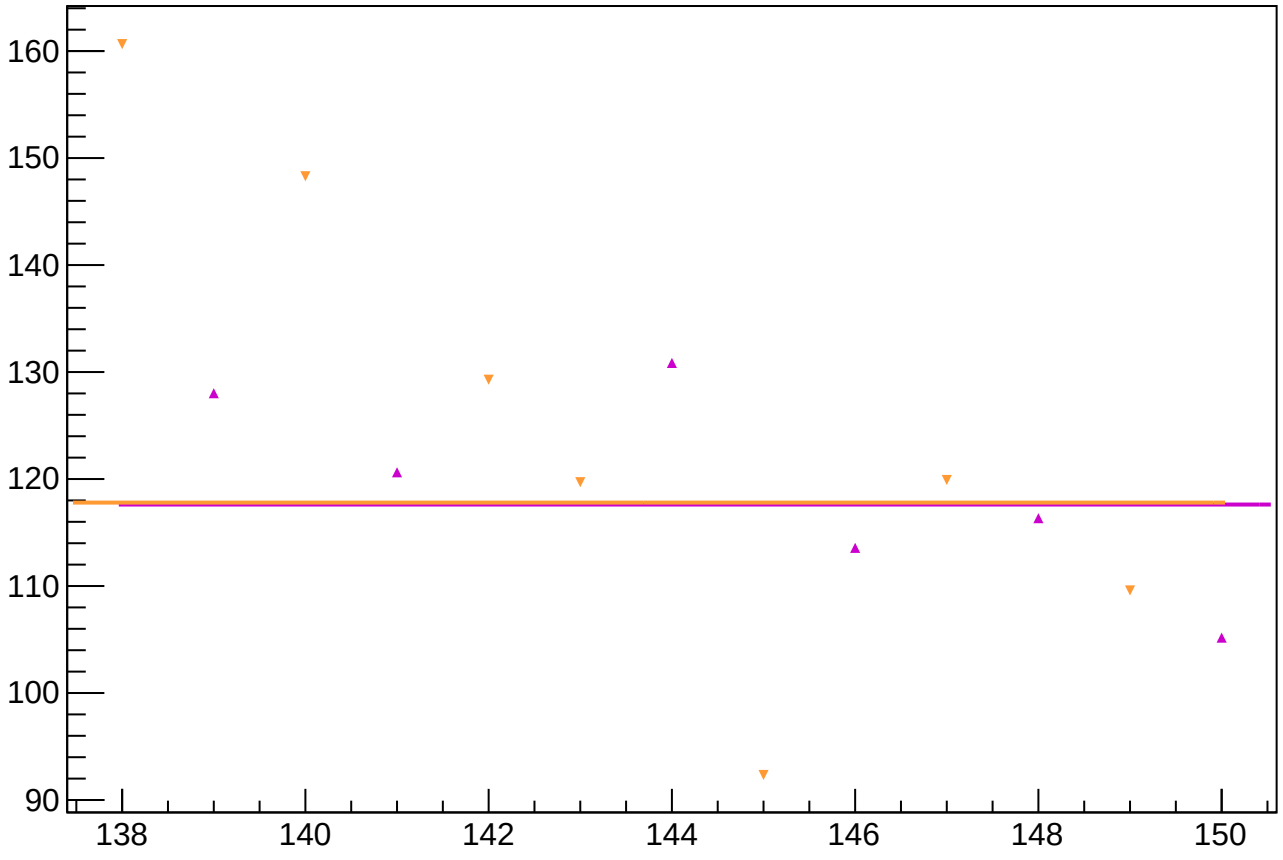
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 102.325+/-53.391 χ^2/NDF:5.6/5

Out: 90.684+/-54.240 χ^2/NDF:5.9/6

All: 96.596+/-38.050 χ^2/NDF: 11.5/12

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 117.798+/-0.038 χ^2/NDF:291959.0/6

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

Left In: 117.615+/-0.038 χ^2/NDF:54315.7/5

Left: 117.705+/-0.027 χ^2/NDF: 346286.3/12

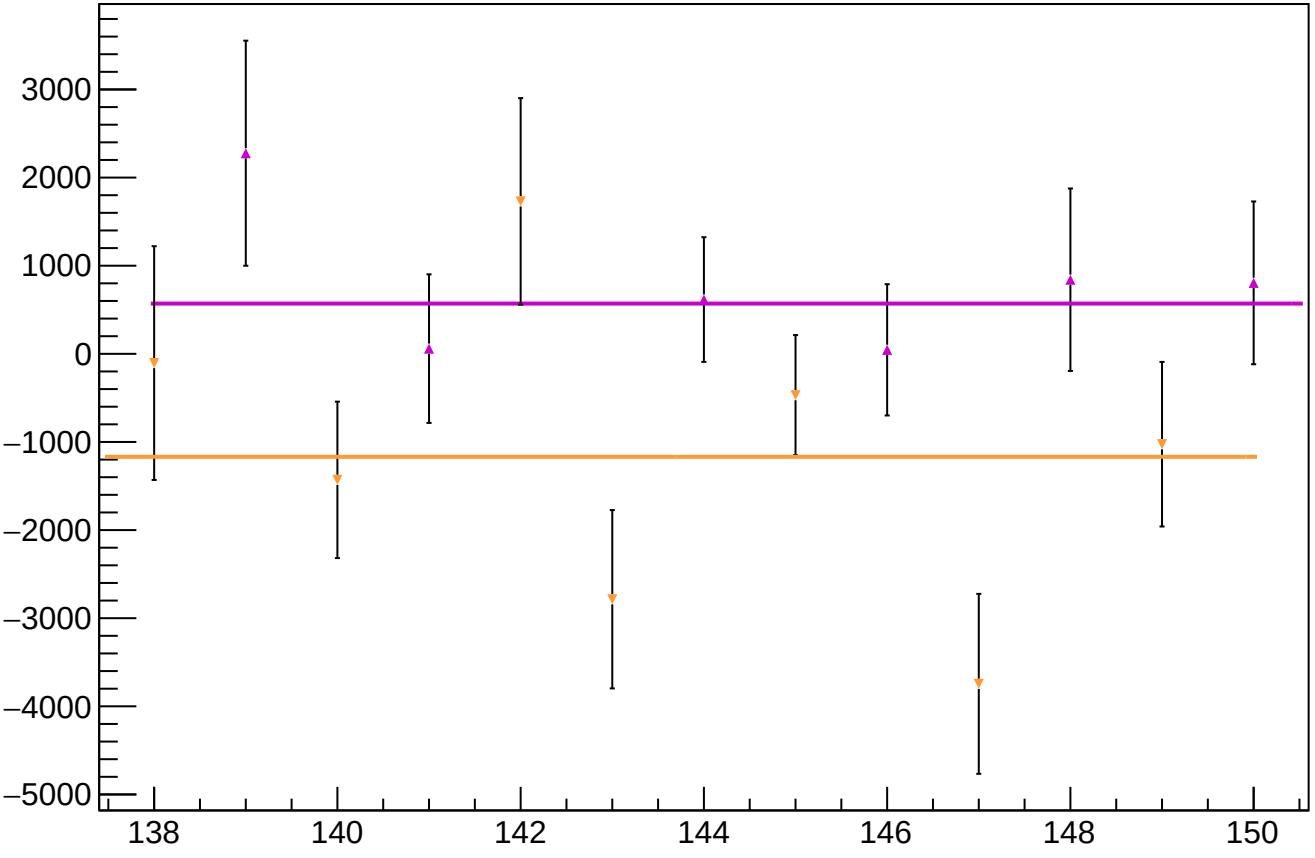
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 117.615+/-0.038 χ^2/NDF:54315.7/5

Out: 117.798+/-0.038 χ^2/NDF:291959.0/6

All: 117.705+/-0.027 χ^2/NDF: 346286.3/12

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1168.329+/-358.029 χ^2/NDF:16.8/6

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

Left In: 570.327+/-355.200 χ^2/NDF:2.8/5

Left: -292.107+/-252.159 χ^2/NDF: 31.5/12

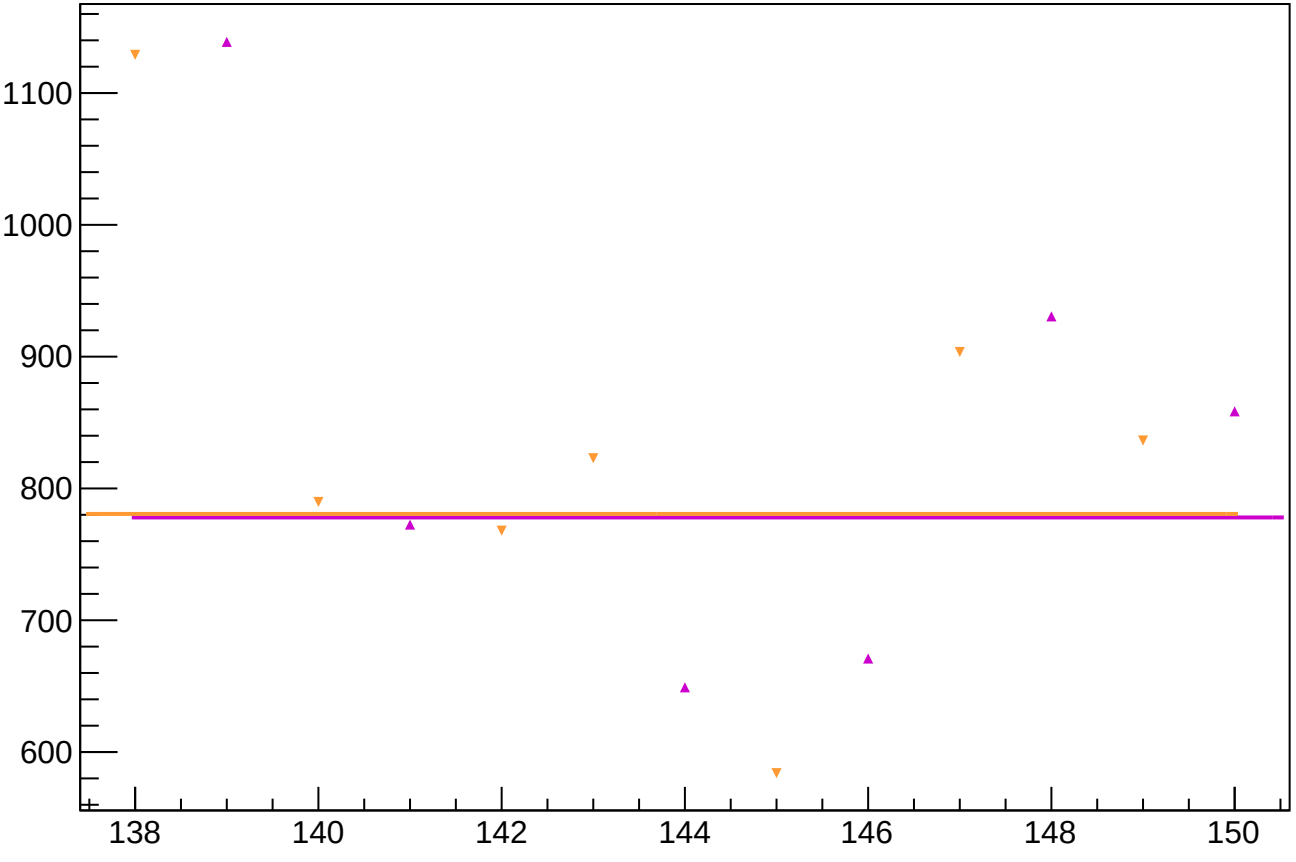
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 570.327+/-355.200 χ^2/NDF:2.8/5

Out: -1168.329+/-358.029 χ^2/NDF:16.8/6

All: -292.107+/-252.159 χ^2/NDF: 31.5/12

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 780.660+/-0.253 χ^2/NDF:344490.0/6

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

Left In: 778.000+/-0.251 χ^2/NDF:326050.6/5

Left: 779.320+/-0.178 χ^2/NDF: 670596.2/12

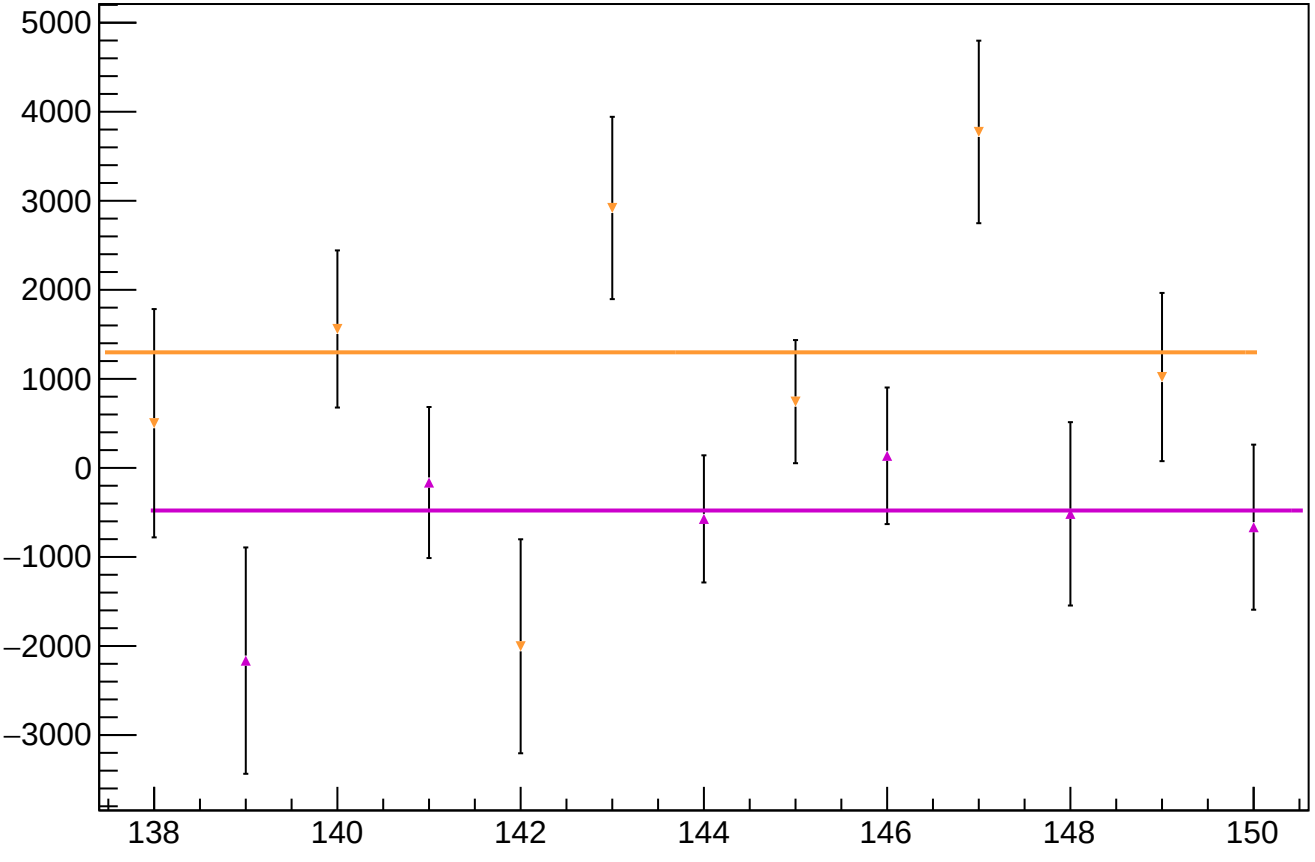
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 778.000+/-0.251 χ^2/NDF:326050.6/5

Out: 780.660+/-0.253 χ^2/NDF:344490.0/6

All: 779.320+/-0.178 χ^2/NDF: 670596.2/12

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1298.160+/-360.295 χ^2/NDF:17.1/6

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

Left In: -478.279+/-358.576 χ^2/NDF:2.6/5

Left: 405.692+/-254.157 χ^2/NDF: 31.9/12

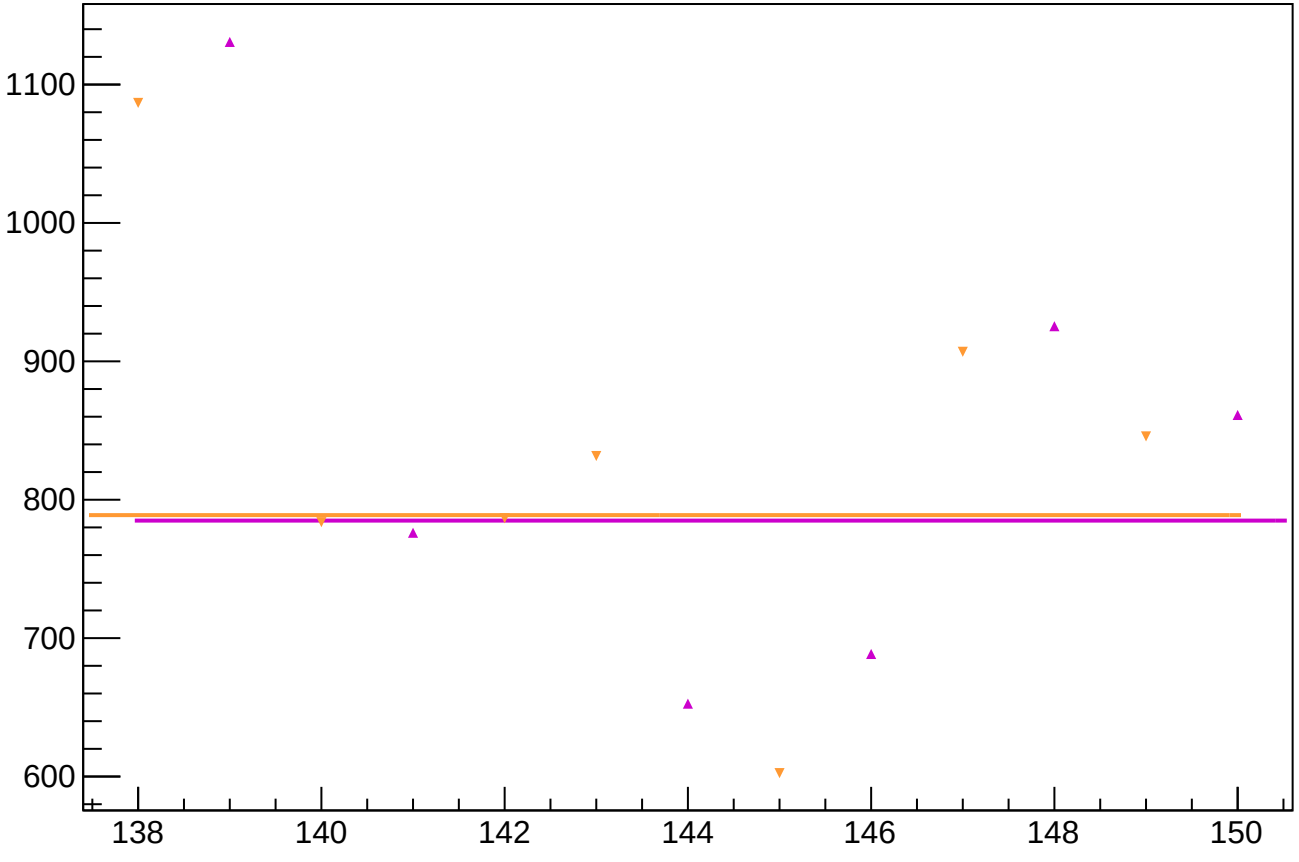
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -478.279+/-358.576 χ^2/NDF:2.6/5

Out: 1298.160+/-360.295 χ^2/NDF:17.1/6

All: 405.692+/-254.157 χ^2/NDF: 31.9/12

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 788.885+/-0.255 χ^2/NDF:290628.6/6

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

Left In: 784.926+/-0.254 χ^2/NDF:299285.5/5

Left: 786.896+/-0.180 χ^2/NDF: 590035.5/12

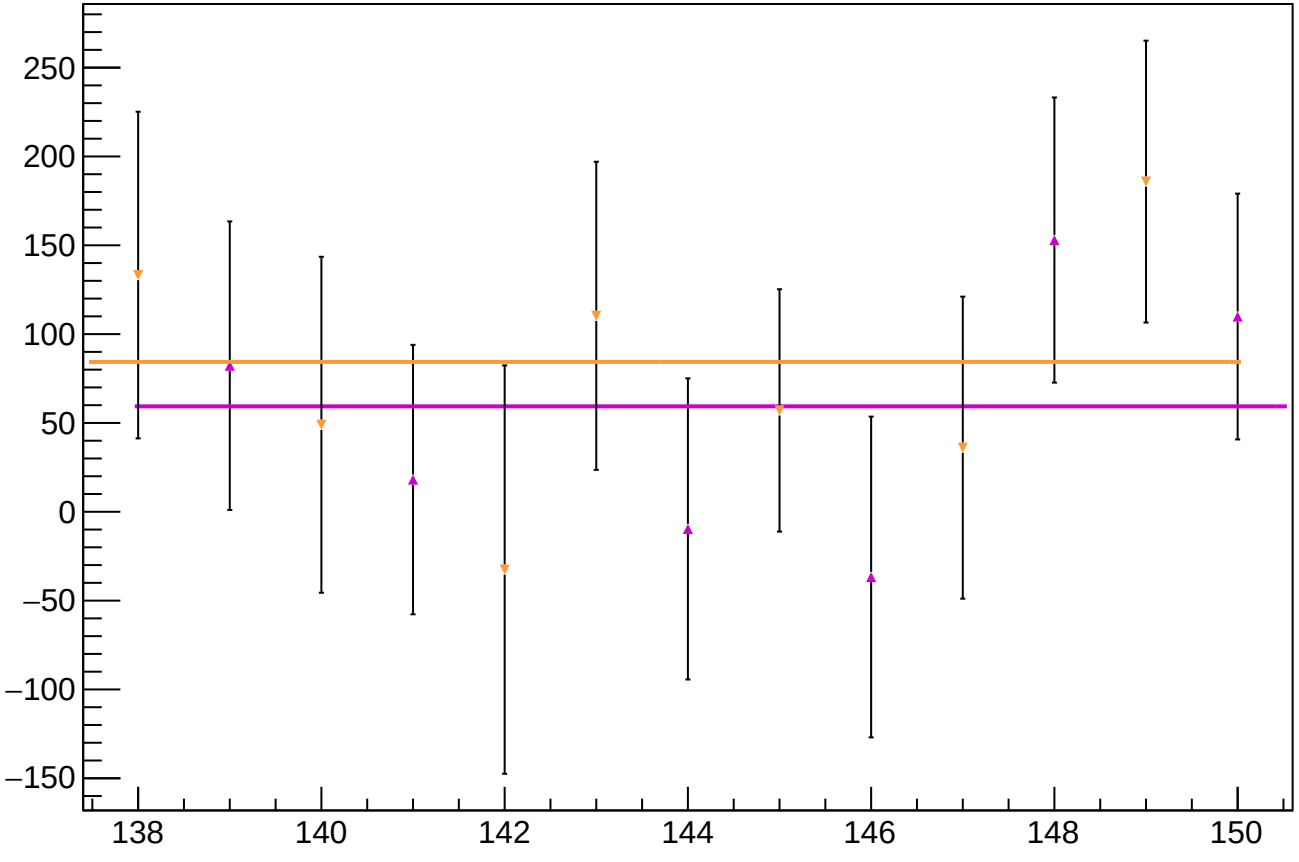
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 784.926+/-0.254 χ^2/NDF:299285.5/5

Out: 788.885+/-0.255 χ^2/NDF:290628.6/6

All: 786.896+/-0.180 χ^2/NDF: 590035.5/12

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 84.363+/-32.424 χ^2/NDF:3.7/6

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

Left In: 59.352+/-32.416 χ^2/NDF:4.1/5

Left: 71.854+/-22.924 χ^2/NDF: 8.0/12

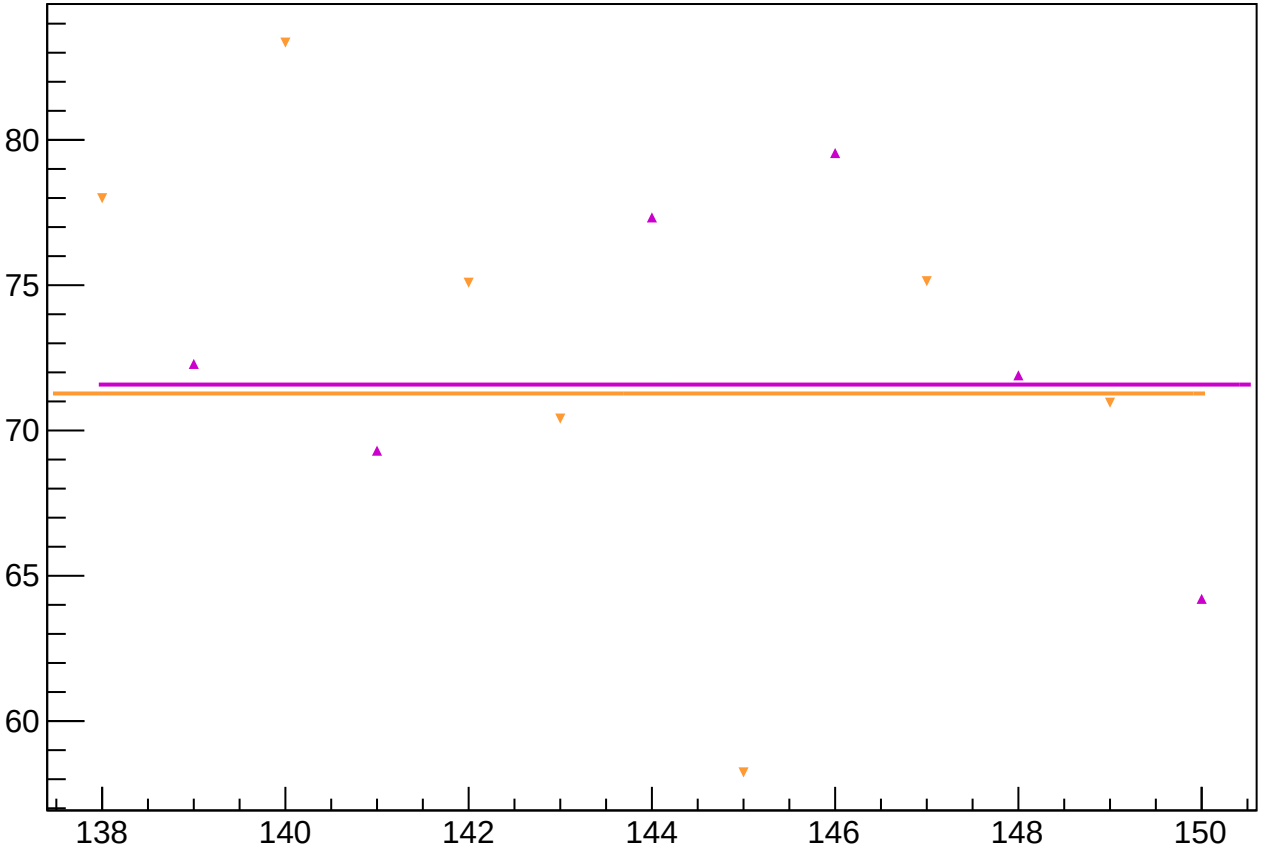
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.352+/-32.416 χ^2/NDF:4.1/5

Out: 84.363+/-32.424 χ^2/NDF:3.7/6

All: 71.854+/-22.924 χ^2/NDF: 8.0/12

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 71.274+/-0.023 χ^2/NDF:122975.1/6

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

Left In: 71.580+/-0.023 χ^2/NDF:49495.1/5

Left: 71.427+/-0.016 χ^2/NDF: 172559.8/12

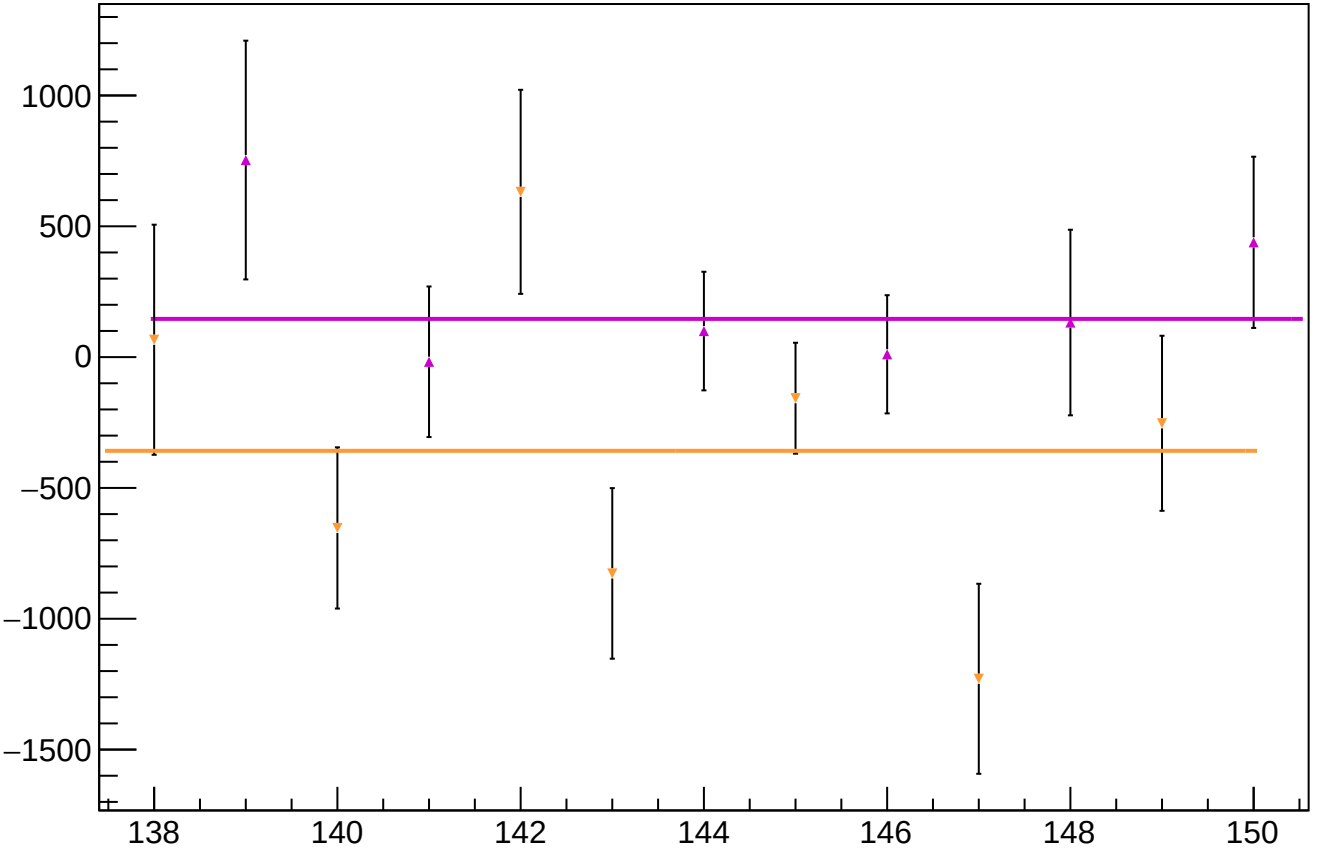
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.580+/-0.023 χ^2/NDF:49495.1/5

Out: 71.274+/-0.023 χ^2/NDF:122975.1/6

All: 71.427+/-0.016 χ^2/NDF: 172559.8/12

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -358.145+/-119.125 χ^2/NDF:17.1/6

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

Left In: 146.122+/-116.850 χ^2/NDF:3.3/5

Left: -101.151+/-83.418 χ^2/NDF: 29.5/12

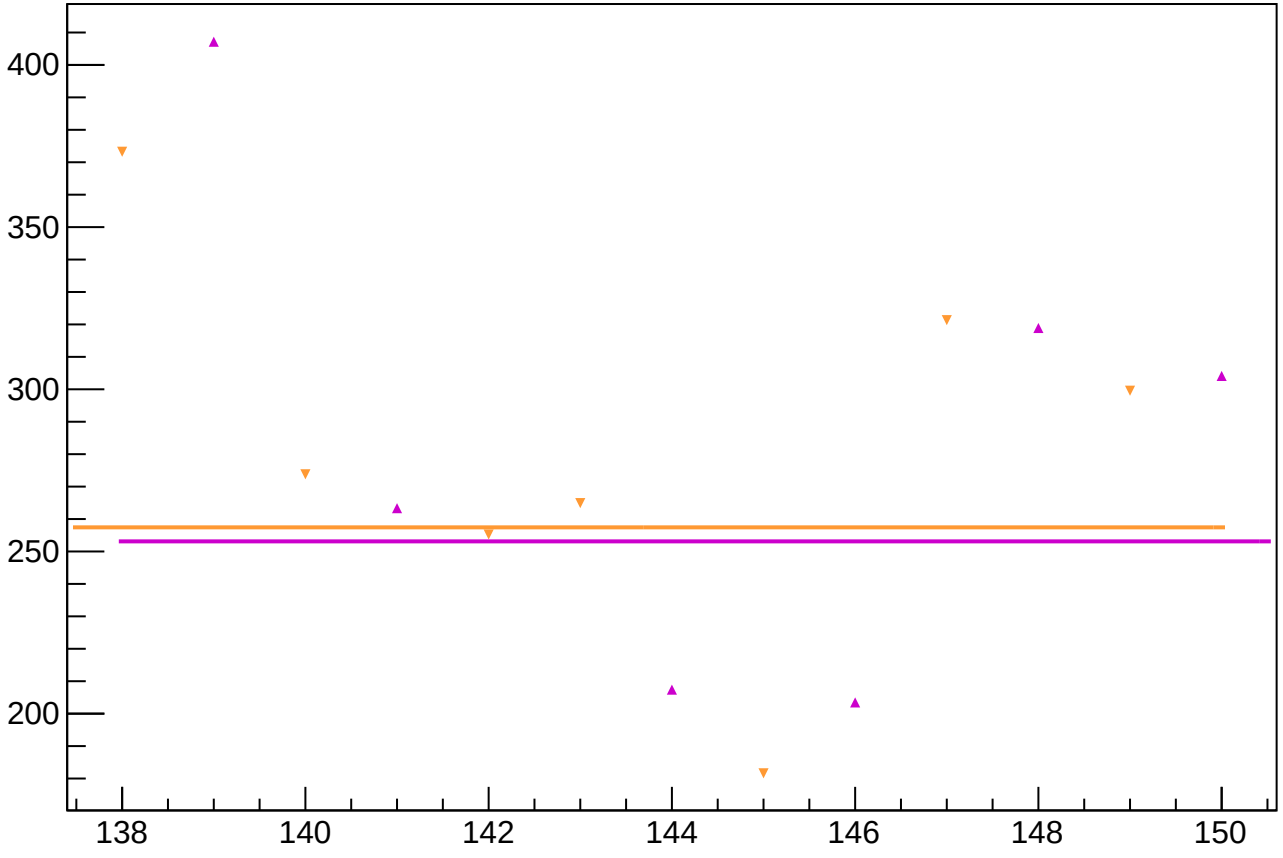
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 146.122+/-116.850 χ^2/NDF:3.3/5

Out: -358.145+/-119.125 χ^2/NDF:17.1/6

All: -101.151+/-83.418 χ^2/NDF: 29.5/12

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 257.437+/-0.084 χ^2/NDF:495035.9/6

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

Left In: 253.114+/-0.083 χ^2/NDF:525915.2/5

Left: 255.233+/-0.059 χ^2/NDF: 1022293.4/12

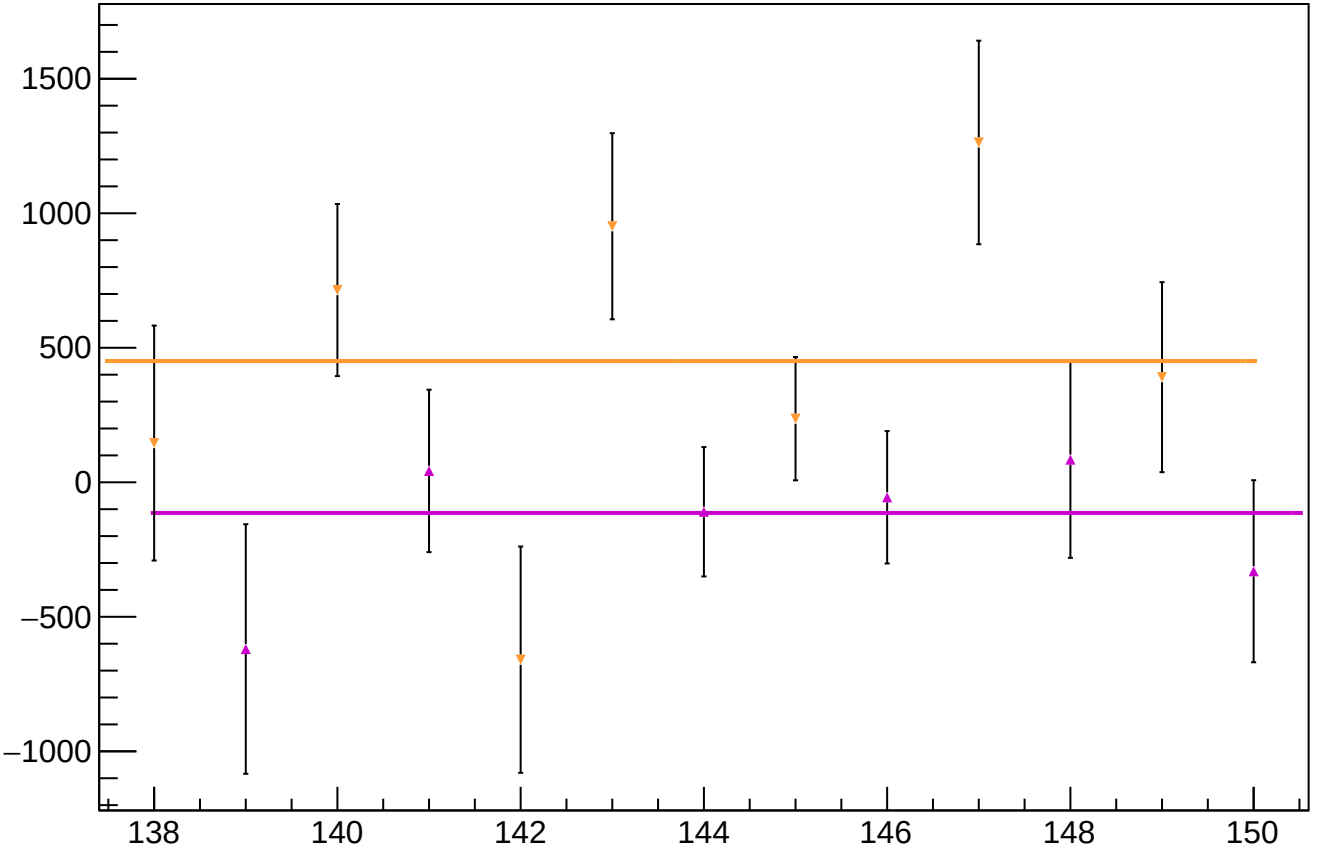
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 253.114+/-0.083 χ^2/NDF:525915.2/5

Out: 257.437+/-0.084 χ^2/NDF:495035.9/6

All: 255.233+/-0.059 χ^2/NDF: 1022293.4/12

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 450.766+/-125.901 χ^2/NDF:15.7/6

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

Left In: -114.009+/-123.393 χ^2/NDF:2.2/5

Left: 162.698+/-88.126 χ^2/NDF: 28.2/12

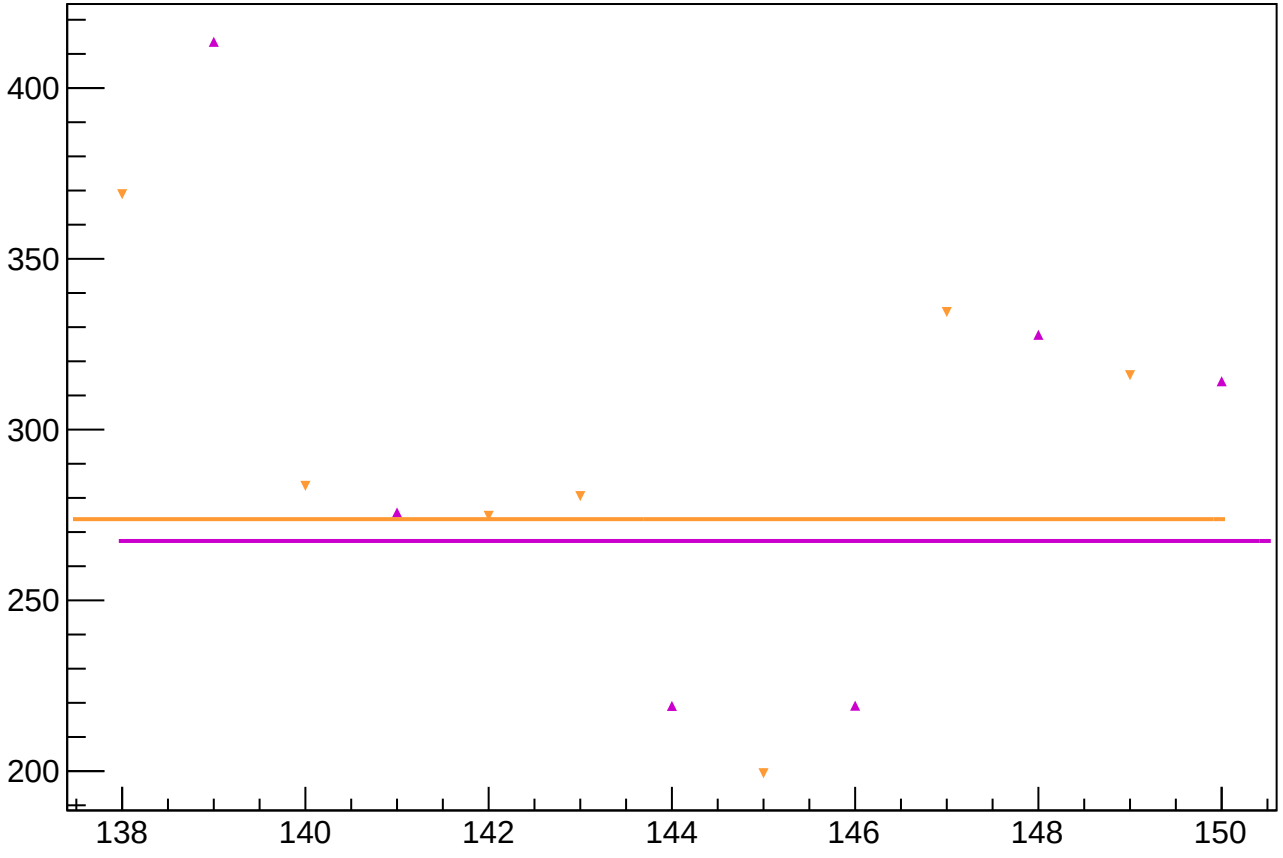
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -114.009+/-123.393 χ^2/NDF:2.2/5

Out: 450.766+/-125.901 χ^2/NDF:15.7/6

All: 162.698+/-88.126 χ^2/NDF: 28.2/12

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 273.780+/-0.089 χ^2/NDF:388361.5/6

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

Left In: 267.394+/-0.087 χ^2/NDF:450478.5/5

Left: 270.523+/-0.062 χ^2/NDF: 841465.2/12

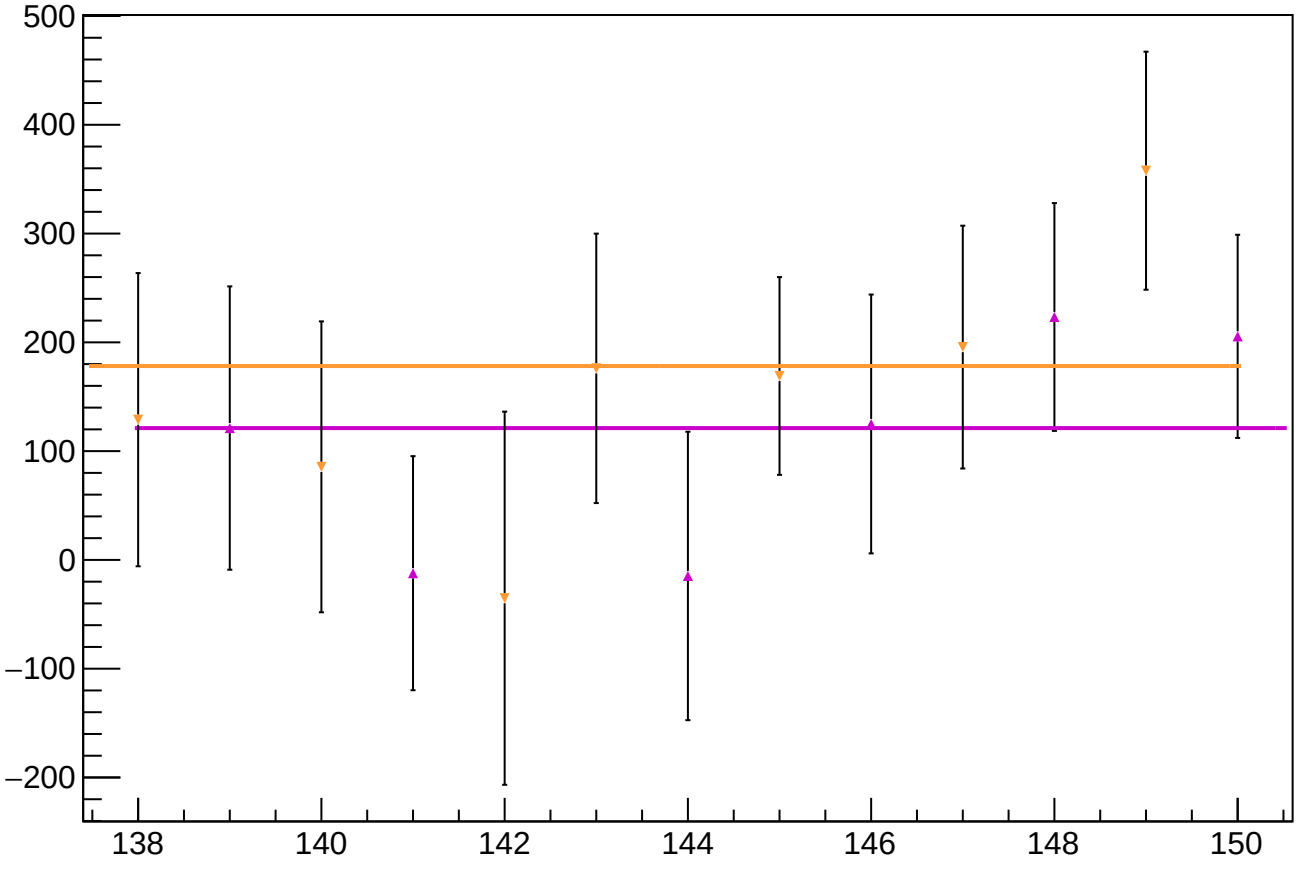
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 267.394+/-0.087 χ^2/NDF:450478.5/5

Out: 273.780+/-0.089 χ^2/NDF:388361.5/6

All: 270.523+/-0.062 χ^2/NDF: 841465.2/12

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 178.230+/-44.944 χ^2/NDF:4.9/6

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

Left In: 121.179+/-45.701 χ^2/NDF:4.4/5

Left: 150.181+/-32.045 χ^2/NDF: 10.0/12

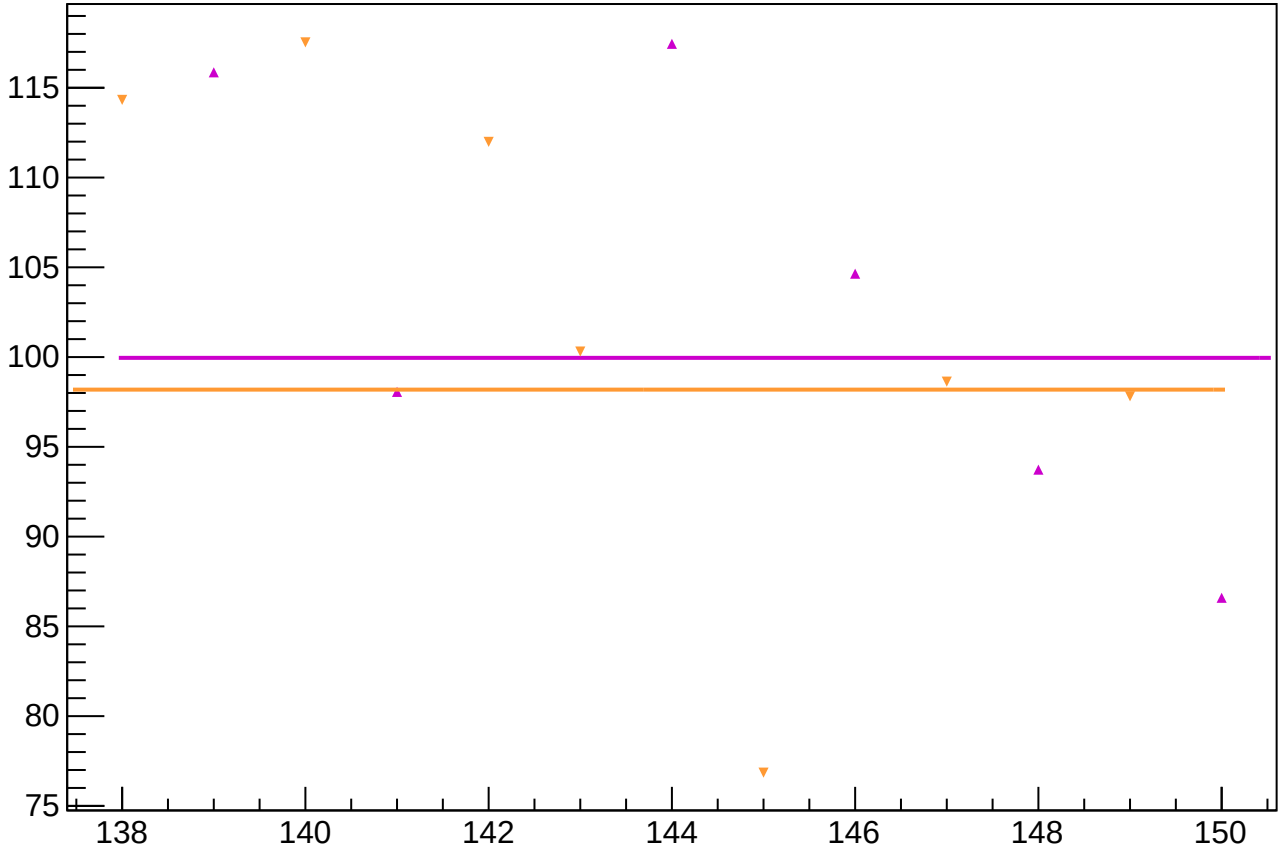
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 121.179+/-45.701 χ^2/NDF:4.4/5

Out: 178.230+/-44.944 χ^2/NDF:4.9/6

All: 150.181+/-32.045 χ^2/NDF: 10.0/12

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 98.187+/-0.032 χ^2/NDF:194312.5/6

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

Left In: 99.957+/-0.032 χ^2/NDF:116404.9/5

Left: 99.057+/-0.023 χ^2/NDF: 312241.4/12

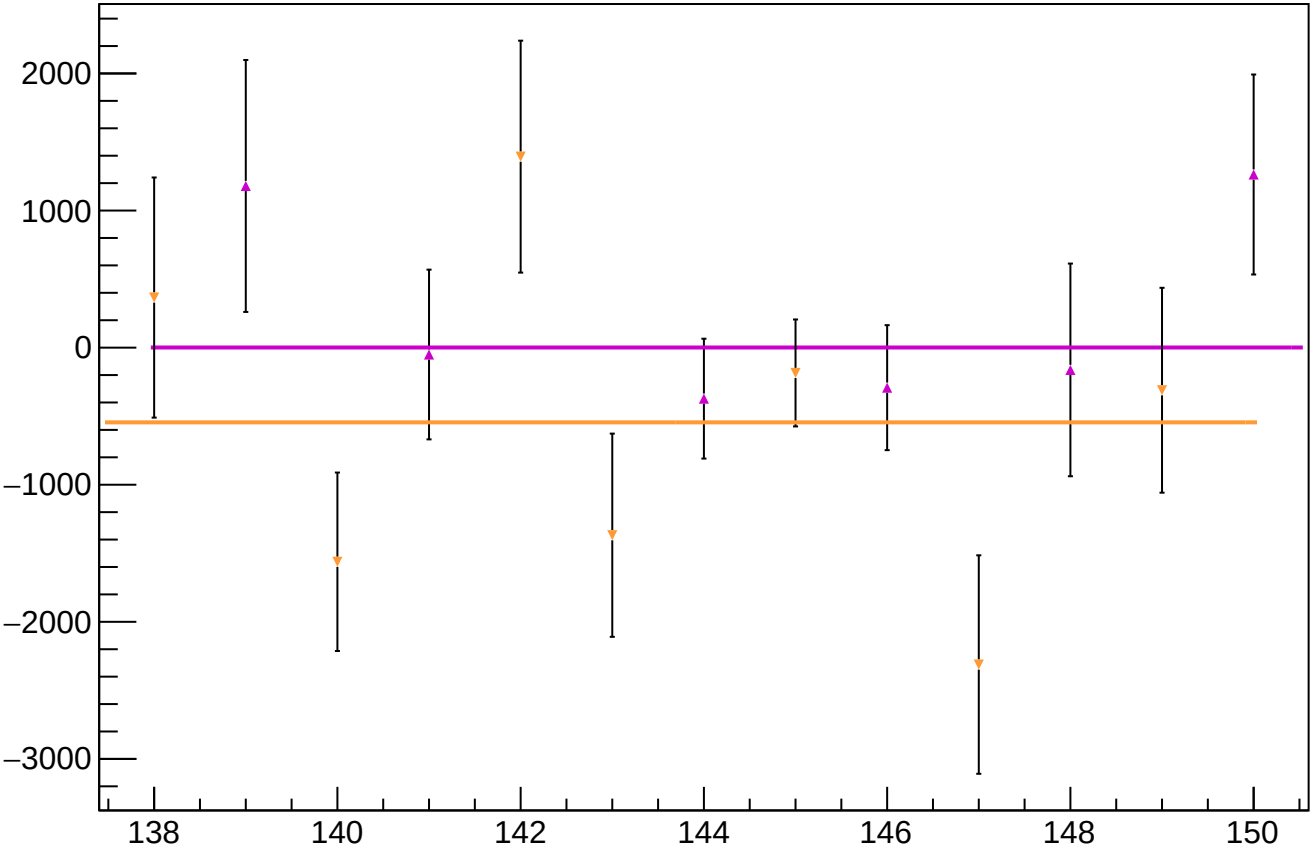
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.957+/-0.032 χ^2/NDF:116404.9/5

Out: 98.187+/-0.032 χ^2/NDF:194312.5/6

All: 99.057+/-0.023 χ^2/NDF: 312241.4/12

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -544.980+/-243.840 χ^2/NDF:15.9/6

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

Left In: 1.056+/-239.892 χ^2/NDF:5.8/5

Left: -267.505+/-171.008 χ^2/NDF: 24.3/12

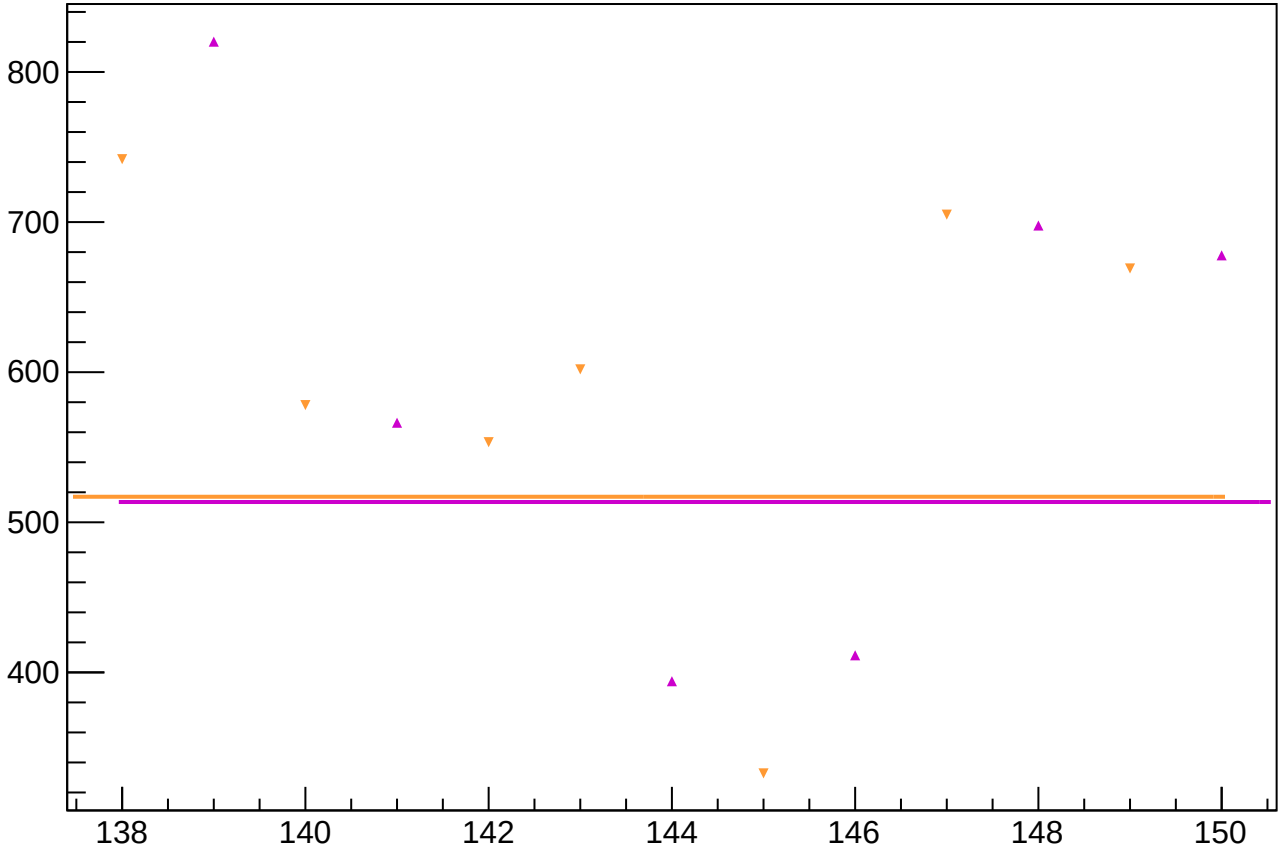
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.056+/-239.892 χ^2/NDF:5.8/5

Out: -544.980+/-243.840 χ^2/NDF:15.9/6

All: -267.505+/-171.008 χ^2/NDF: 24.3/12

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 517.020+/-0.172 χ^2/NDF:819817.8/6

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

Left In: 513.516+/-0.170 χ^2/NDF:701093.8/5

Left: 515.239+/-0.121 χ^2/NDF: 1521121.6/12

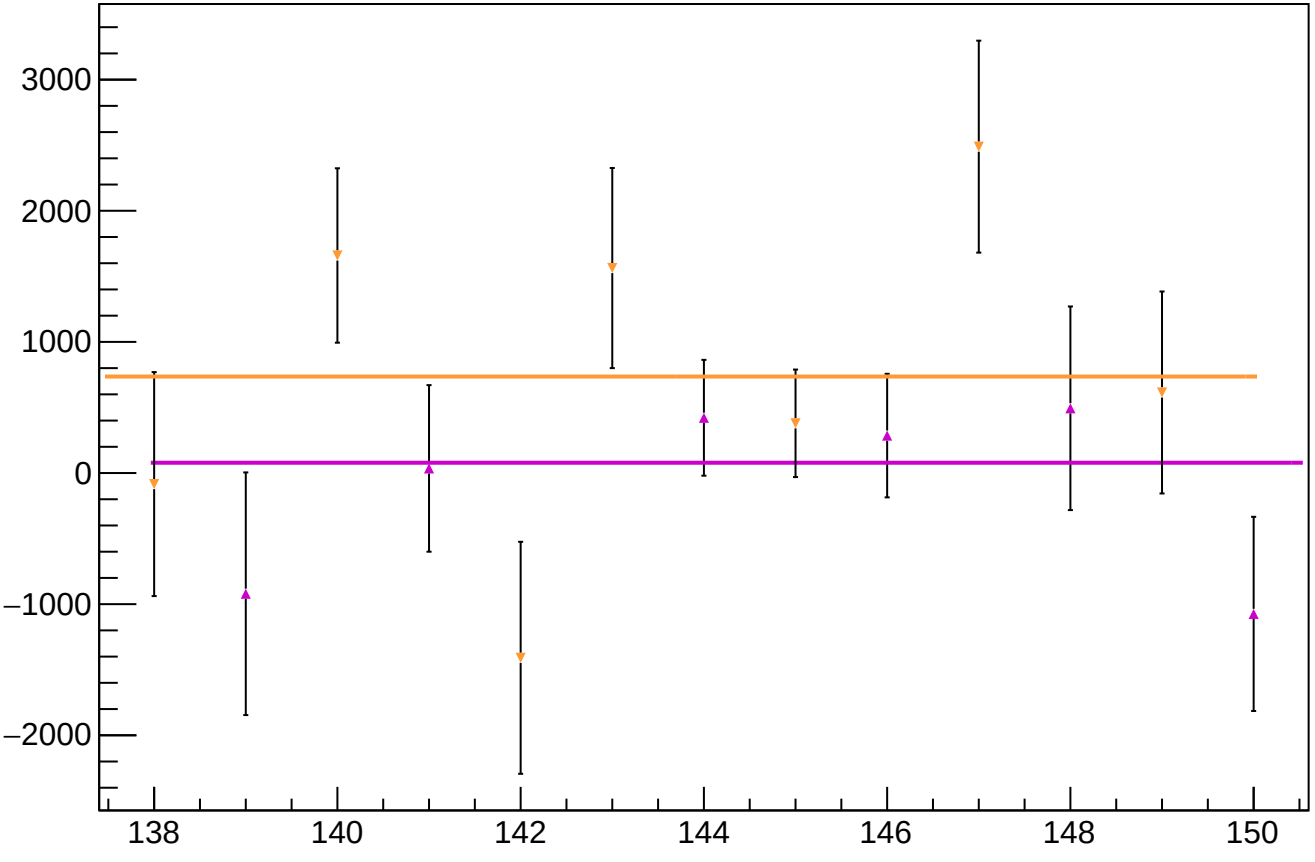
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 513.516+/-0.170 χ^2/NDF:701093.8/5

Out: 517.020+/-0.172 χ^2/NDF:819817.8/6

All: 515.239+/-0.121 χ^2/NDF: 1521121.6/12

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 735.828+/-251.640 χ^2/NDF:15.4/6

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

Left In: 78.583+/-244.257 χ^2/NDF:4.7/5

Left: 397.423+/-175.267 χ^2/NDF: 23.6/12

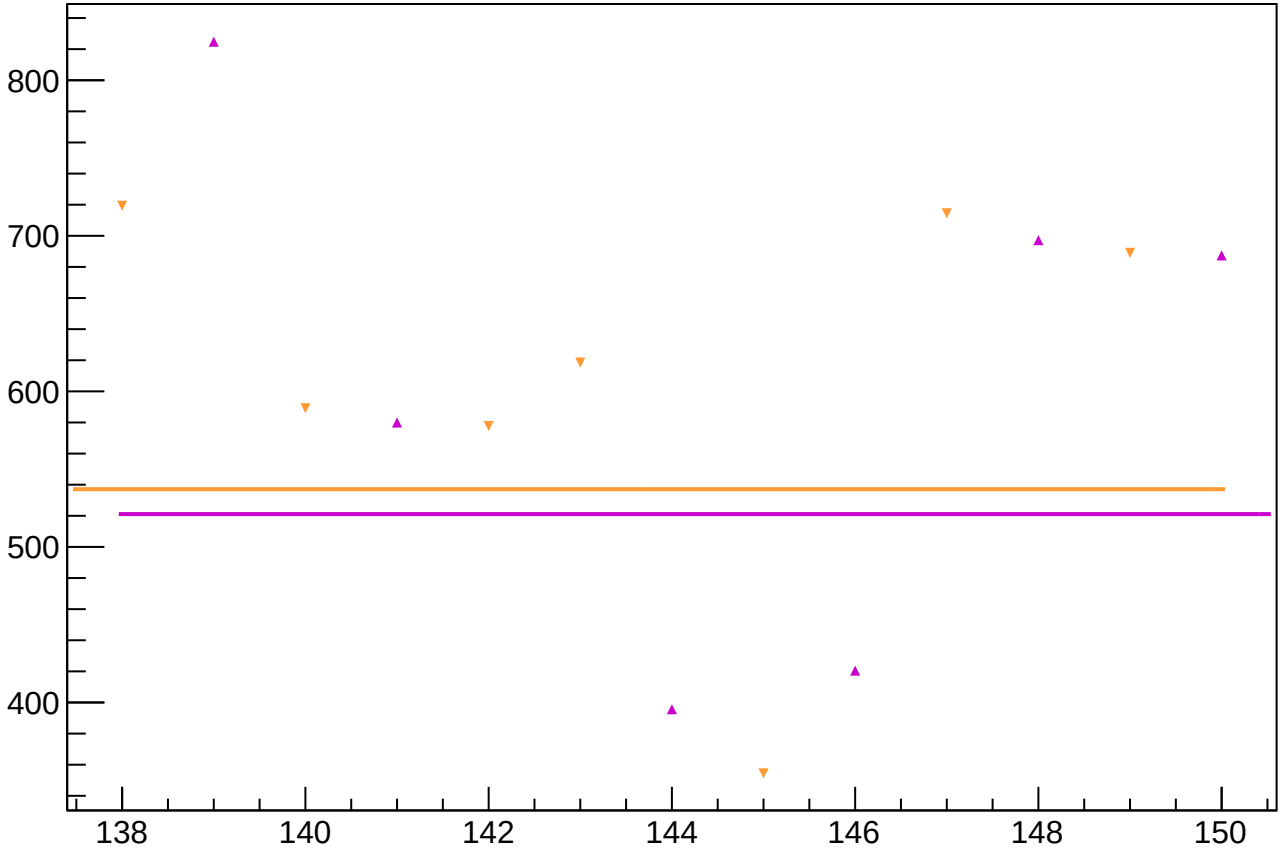
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 78.583+/-244.257 χ^2/NDF:4.7/5

Out: 735.828+/-251.640 χ^2/NDF:15.4/6

All: 397.423+/-175.267 χ^2/NDF: 23.6/12

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 537.129+/-0.178 χ^2/NDF:701343.1/6

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

Left In: 521.103+/-0.173 χ^2/NDF:688954.3/5

Left: 528.877+/-0.124 χ^2/NDF: 1394474.1/12

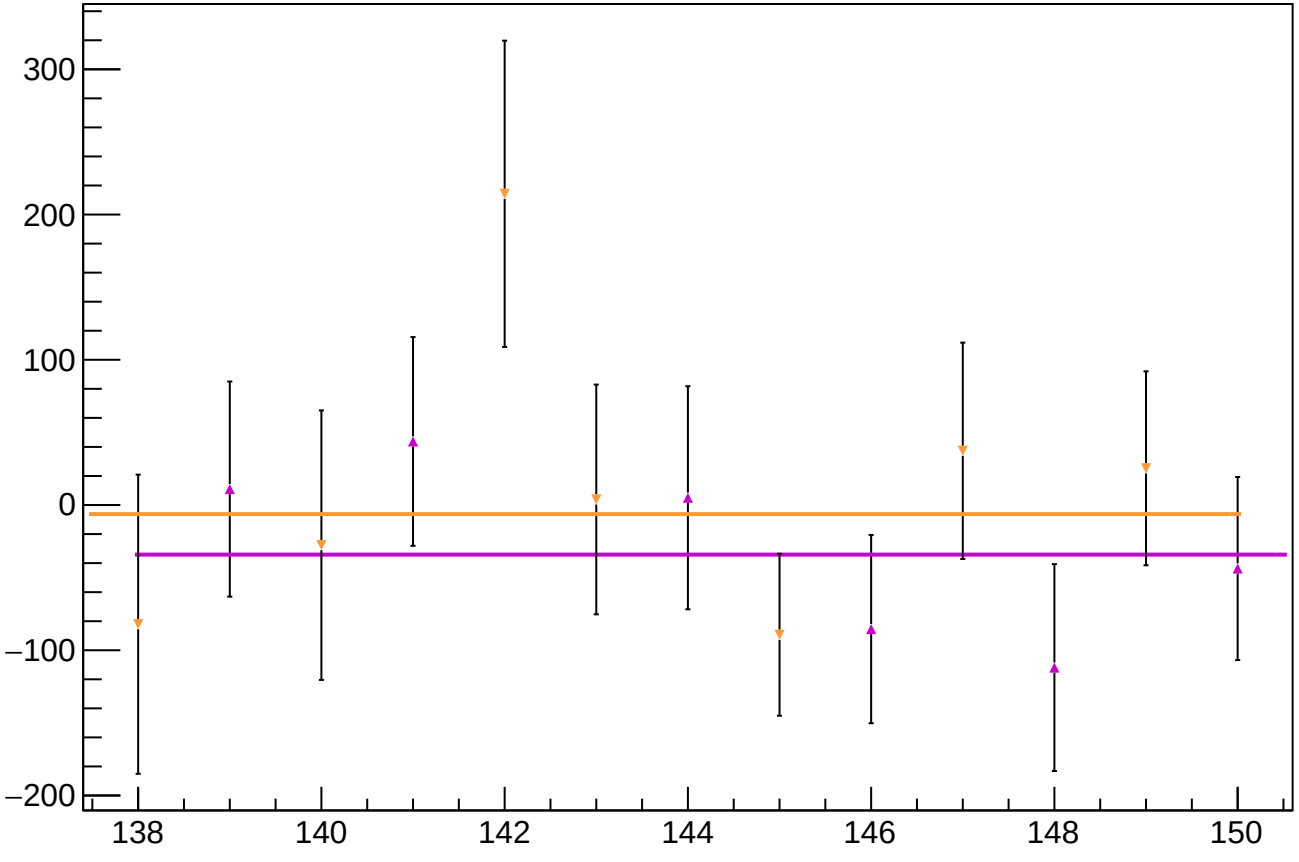
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 521.103+/-0.173 χ^2/NDF:688954.3/5

Out: 537.129+/-0.178 χ^2/NDF:701343.1/6

All: 528.877+/-0.124 χ^2/NDF: 1394474.1/12

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: -6.235+/-29.029 χ^2/NDF:7.8/6

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

Left In: -34.142+/-28.485 χ^2/NDF:3.6/5

Left: -20.452+/-20.332 χ^2/NDF: 11.9/12

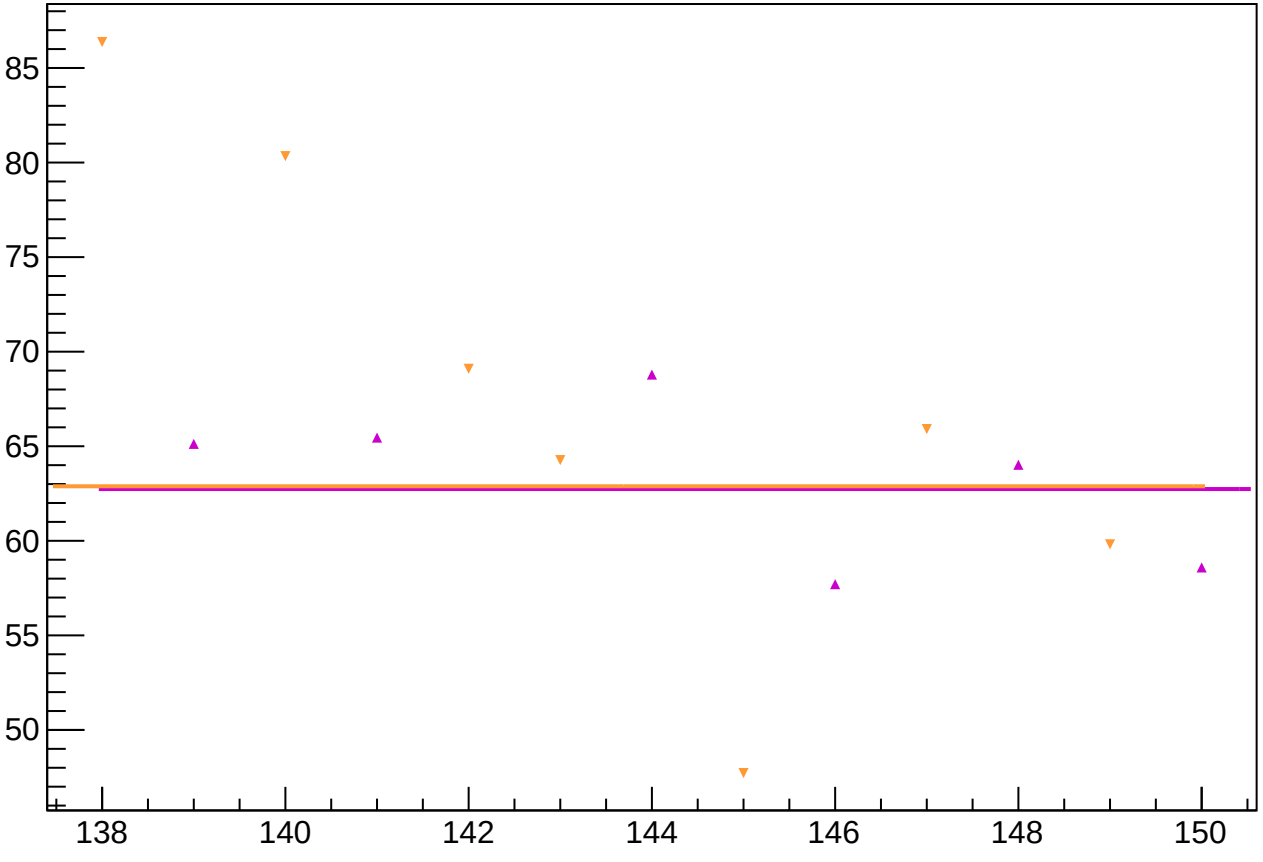
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.142+/-28.485 χ^2/NDF:3.6/5

Out: -6.235+/-29.029 χ^2/NDF:7.8/6

All: -20.452+/-20.332 χ^2/NDF: 11.9/12

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: 62.884+/-0.021 χ^2/NDF:337852.0/6

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

Left In: 62.738+/-0.020 χ^2/NDF:38712.6/5

Left: 62.809+/-0.014 χ^2/NDF: 376590.4/12

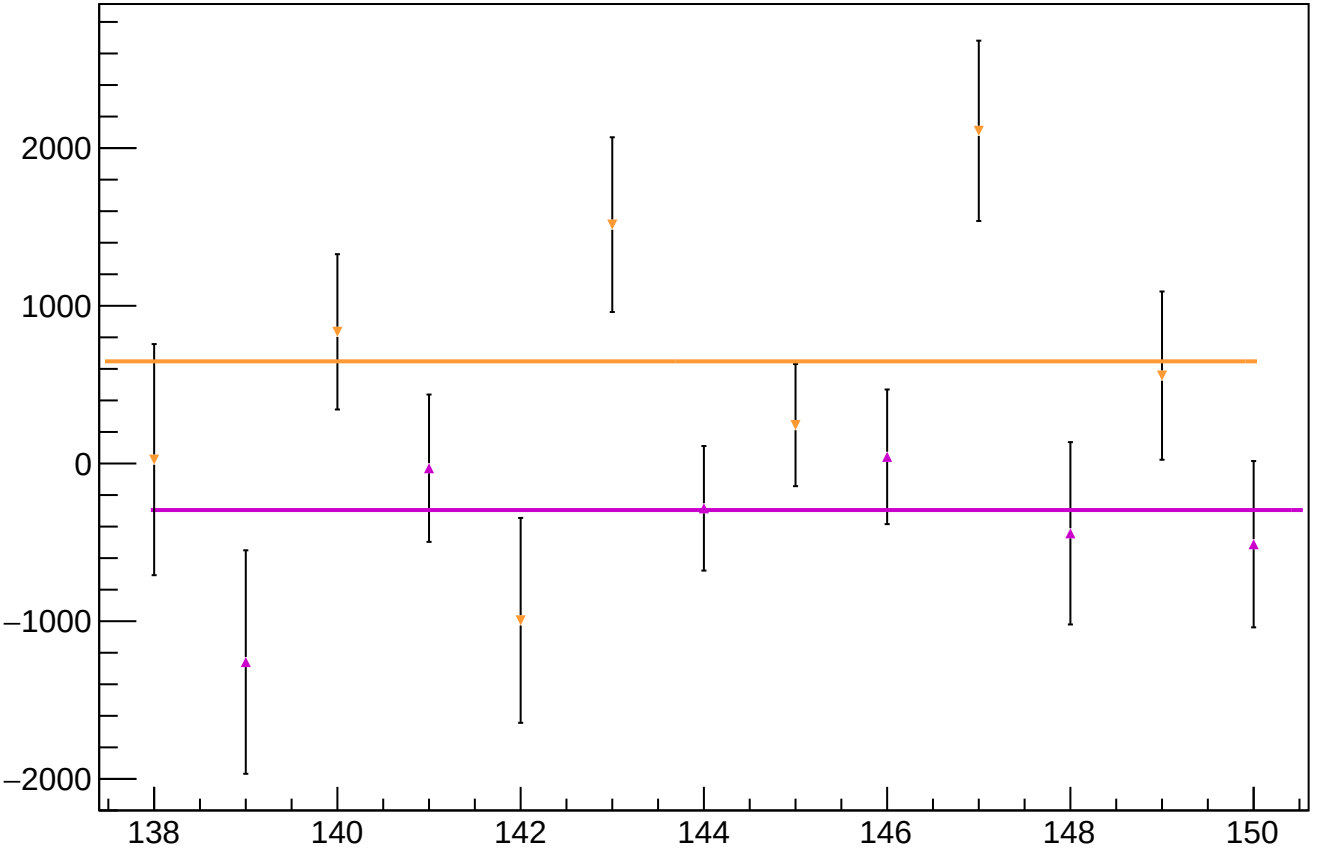
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.738+/-0.020 χ^2/NDF:38712.6/5

Out: 62.884+/-0.021 χ^2/NDF:337852.0/6

All: 62.809+/-0.014 χ^2/NDF: 376590.4/12

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: 647.812+/-200.580 χ^2/NDF:17.4/6

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

Left In: -295.194+/-199.765 χ^2/NDF:3.0/5

Left: 174.390+/-141.542 χ^2/NDF: 31.5/12

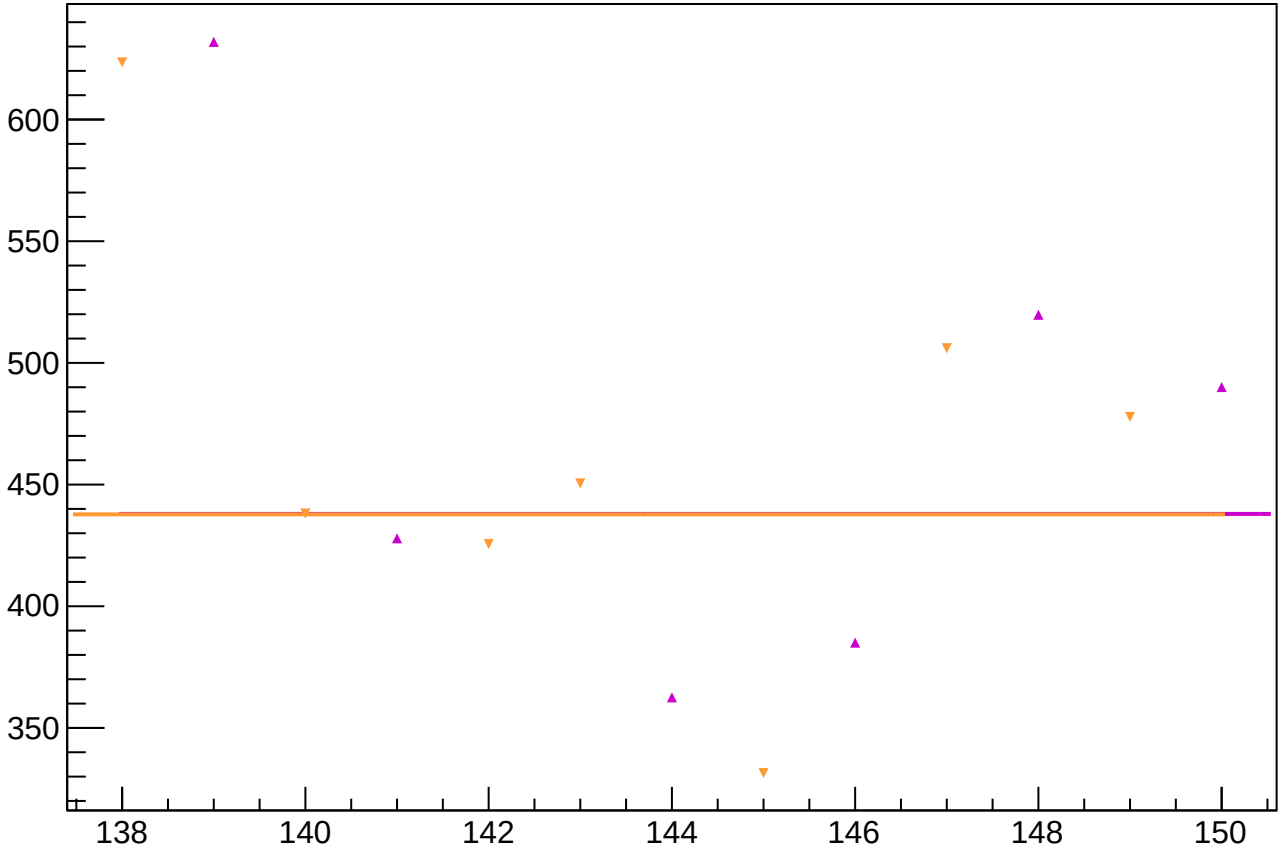
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -295.194+/-199.765 χ^2/NDF:3.0/5

Out: 647.812+/-200.580 χ^2/NDF:17.4/6

All: 174.390+/-141.542 χ^2/NDF: 31.5/12

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: 437.757+/-0.142 χ^2/NDF:320838.5/6

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

Left In: 437.935+/-0.141 χ^2/NDF:313914.3/5

Left: 437.846+/-0.100 χ^2/NDF: 634753.7/12

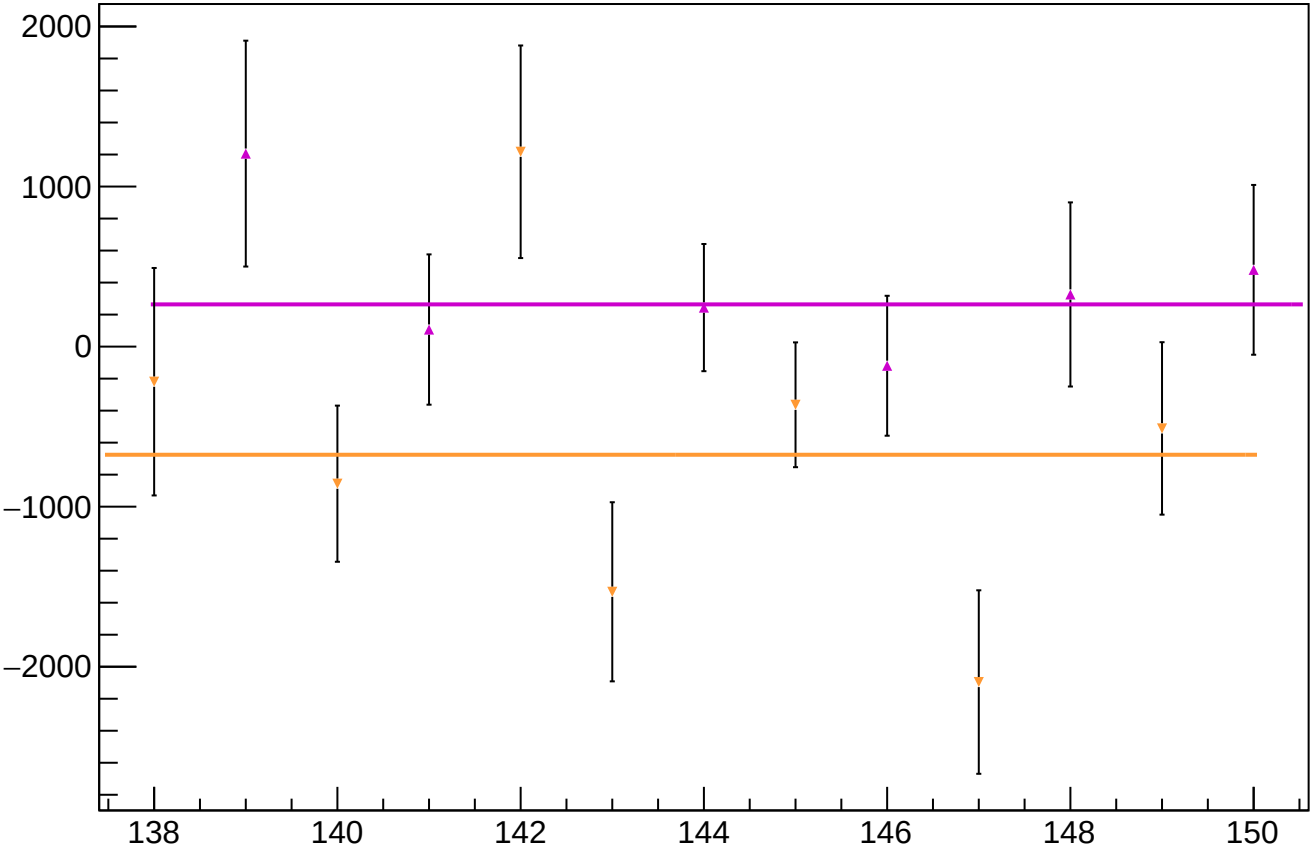
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 437.935+/-0.141 χ^2/NDF:313914.3/5

Out: 437.757+/-0.142 χ^2/NDF:320838.5/6

All: 437.846+/-0.100 χ^2/NDF: 634753.7/12

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -675.660+/-201.163 χ^2/NDF:17.9/6

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

Left In: 263.798+/-201.250 χ^2/NDF:2.8/5

Left: -206.136+/-142.274 χ^2/NDF: 31.6/12

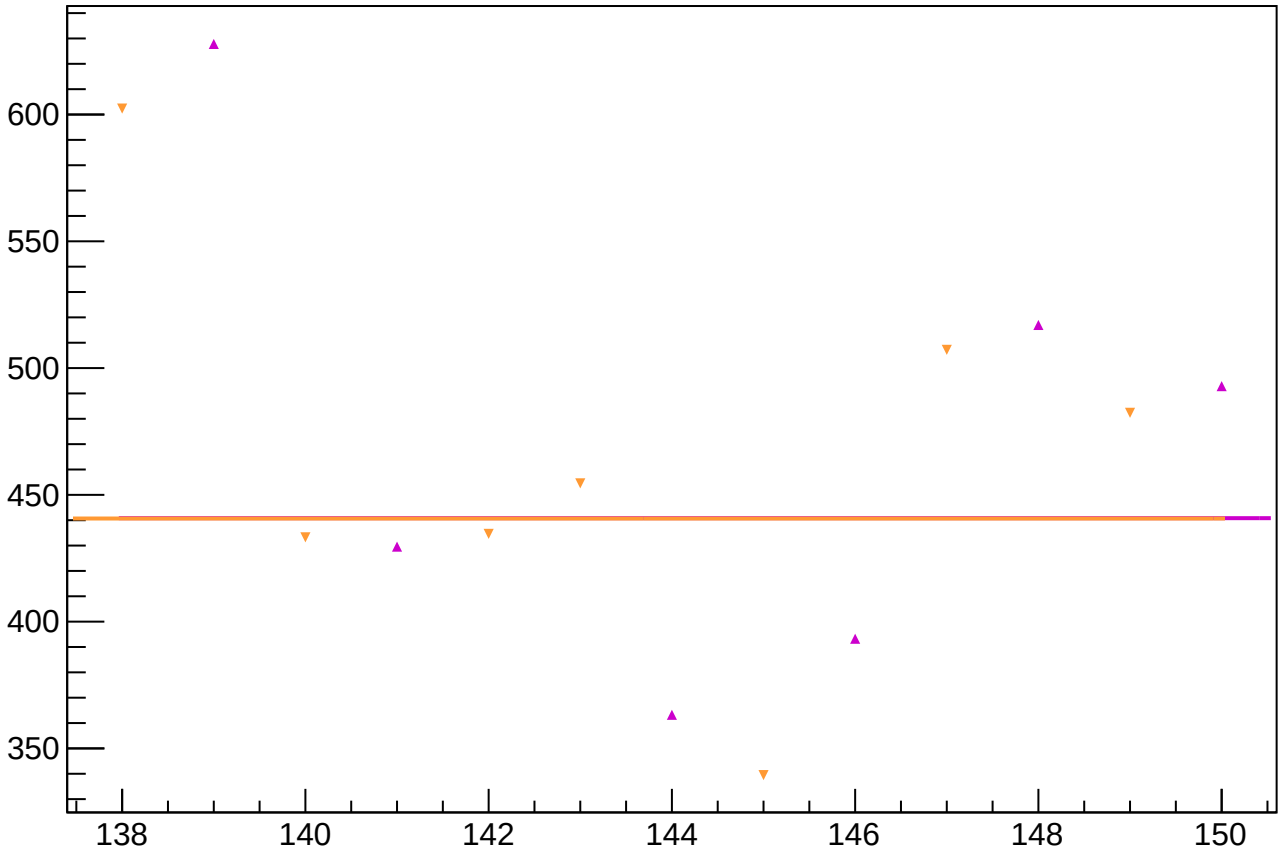
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 263.798+/-201.250 χ^2/NDF:2.8/5

Out: -675.660+/-201.163 χ^2/NDF:17.9/6

All: -206.136+/-142.274 χ^2/NDF: 31.6/12

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 440.671+/-0.142 χ^2/NDF:279030.0/6

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

Left In: 440.807+/-0.142 χ^2/NDF:295888.7/5

Left: 440.739+/-0.101 χ^2/NDF: 574919.2/12

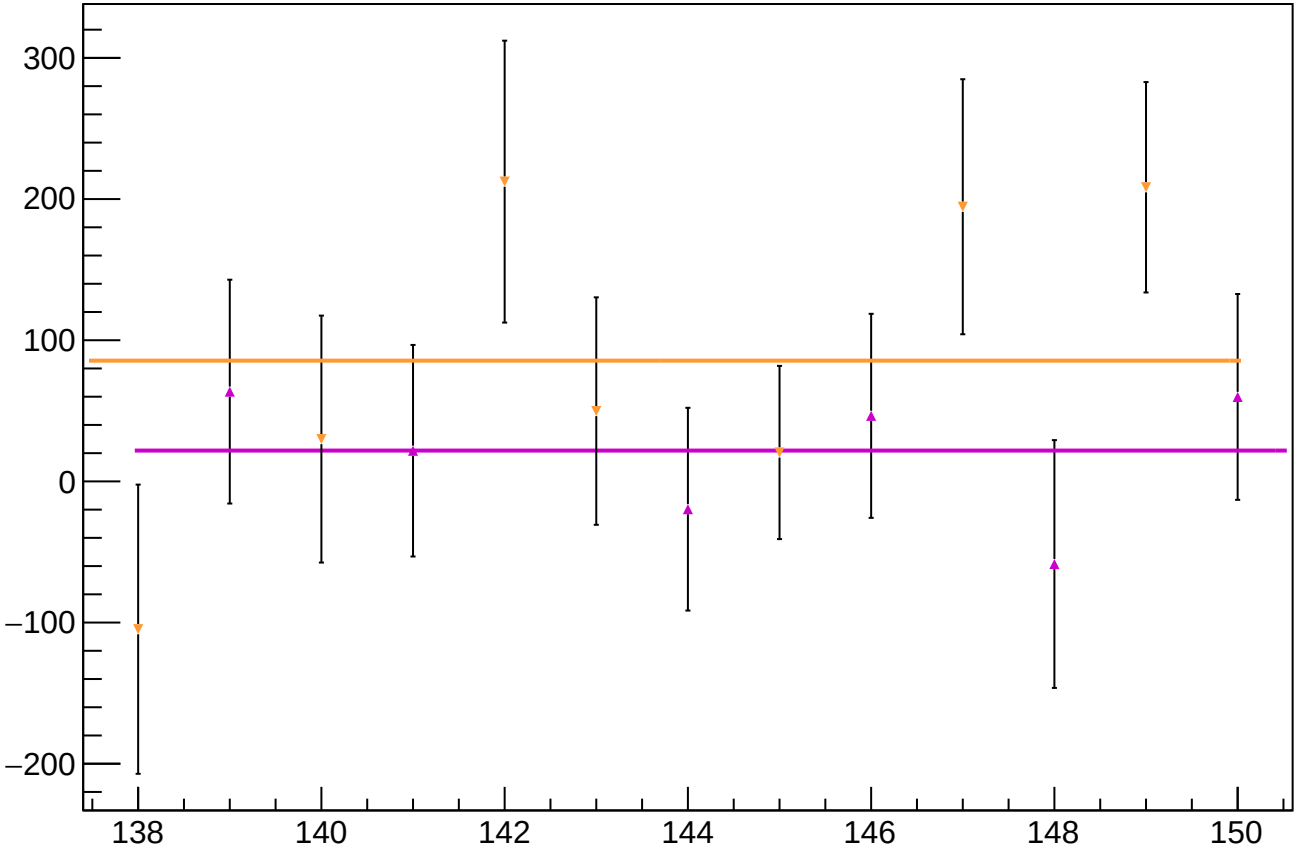
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 440.807+/-0.142 χ^2/NDF:295888.7/5

Out: 440.671+/-0.142 χ^2/NDF:279030.0/6

All: 440.739+/-0.101 χ^2/NDF: 574919.2/12

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 85.549+/-30.881 χ^2/NDF:11.0/6

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

Left In: 21.839+/-31.002 χ^2/NDF:1.8/5

Left: 53.819+/-21.879 χ^2/NDF: 14.9/12

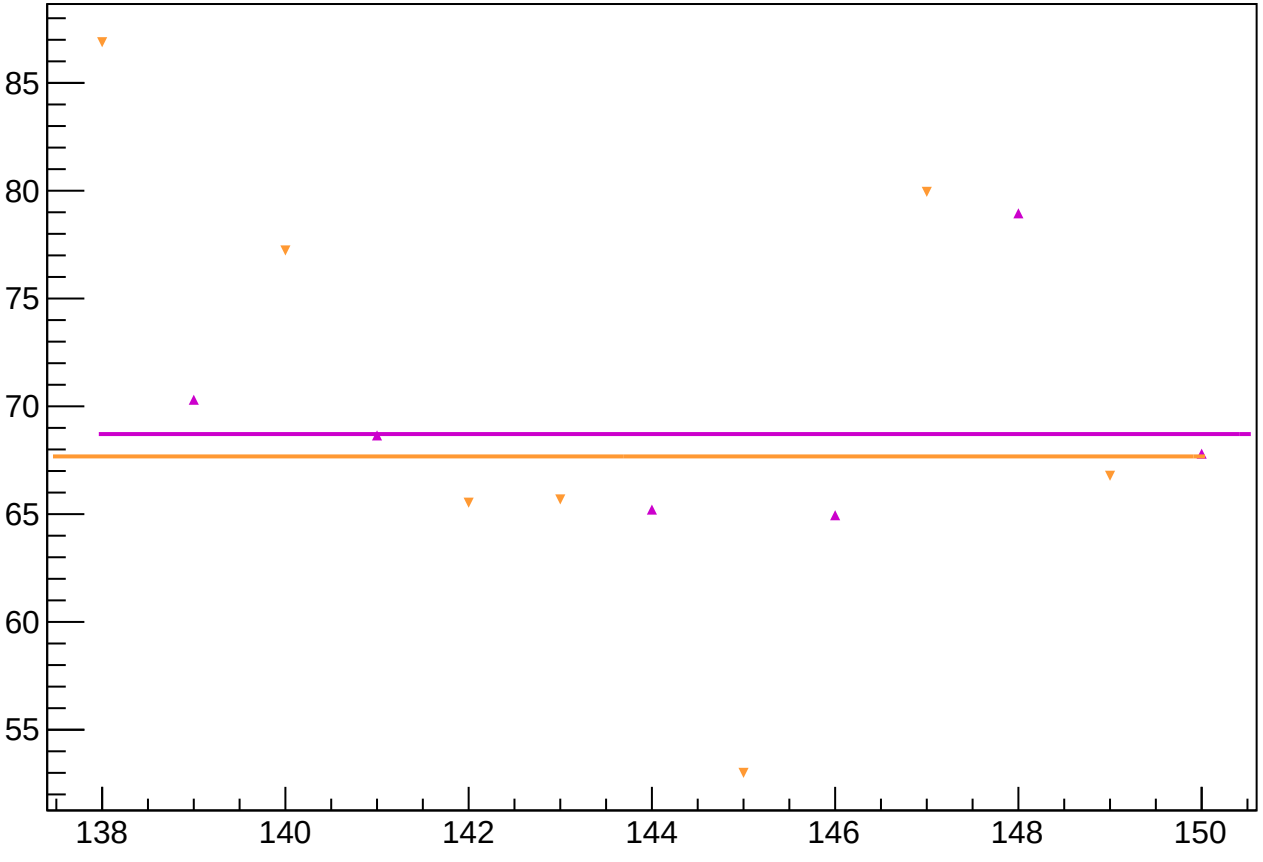
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.839+/-31.002 χ^2/NDF:1.8/5

Out: 85.549+/-30.881 χ^2/NDF:11.0/6

All: 53.819+/-21.879 χ^2/NDF: 14.9/12

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: 67.677+/-0.022 χ^2/NDF:247986.1/6

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

Left In: 68.714+/-0.022 χ^2/NDF:38513.6/5

Left: 68.193+/-0.015 χ^2/NDF: 287623.2/12

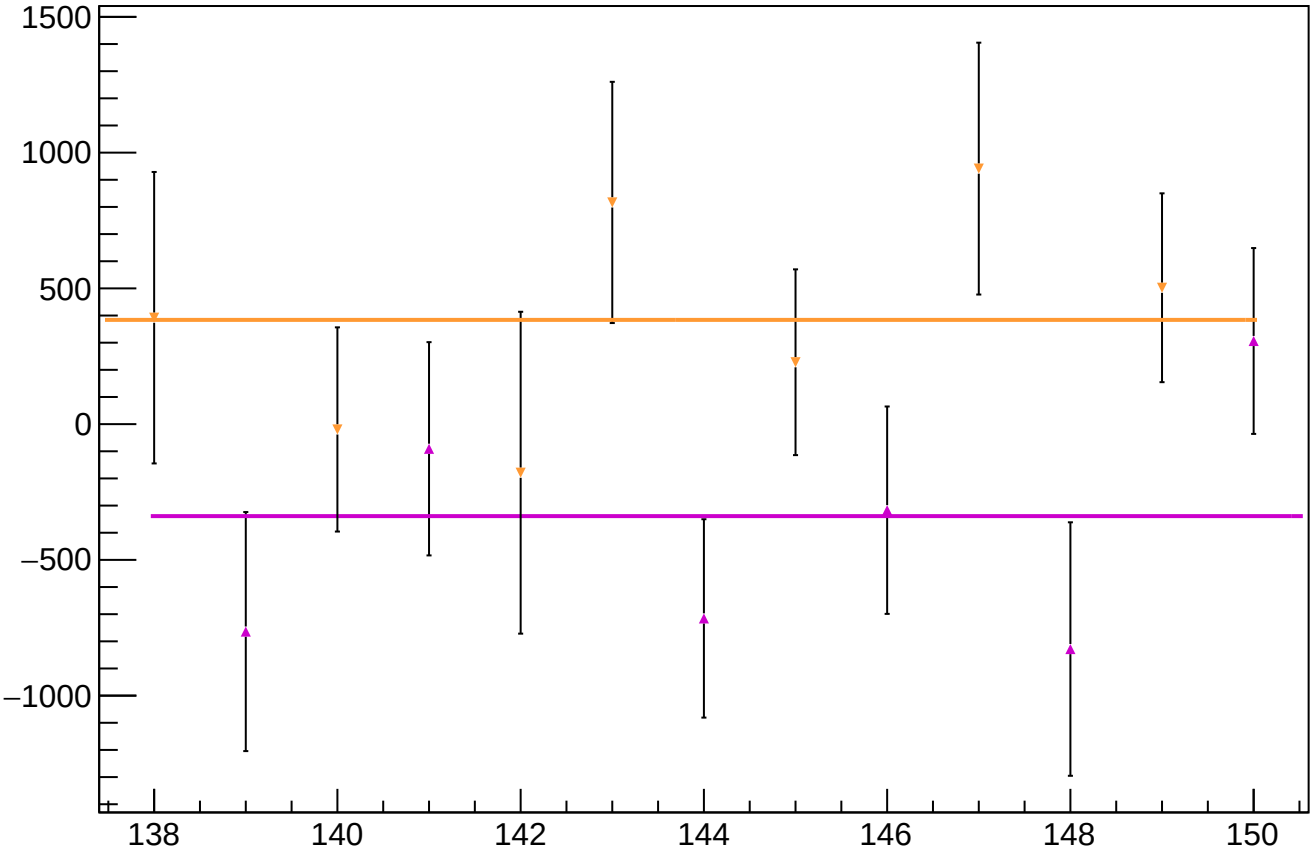
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 68.714+/-0.022 χ^2/NDF:38513.6/5

Out: 67.677+/-0.022 χ^2/NDF:247986.1/6

All: 68.193+/-0.015 χ^2/NDF: 287623.2/12

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: 383.979+/-158.279 χ^2/NDF:4.8/6

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

Left In: -338.792+/-159.895 χ^2/NDF:7.1/5

Left: 26.264+/-112.487 χ^2/NDF: 22.1/12

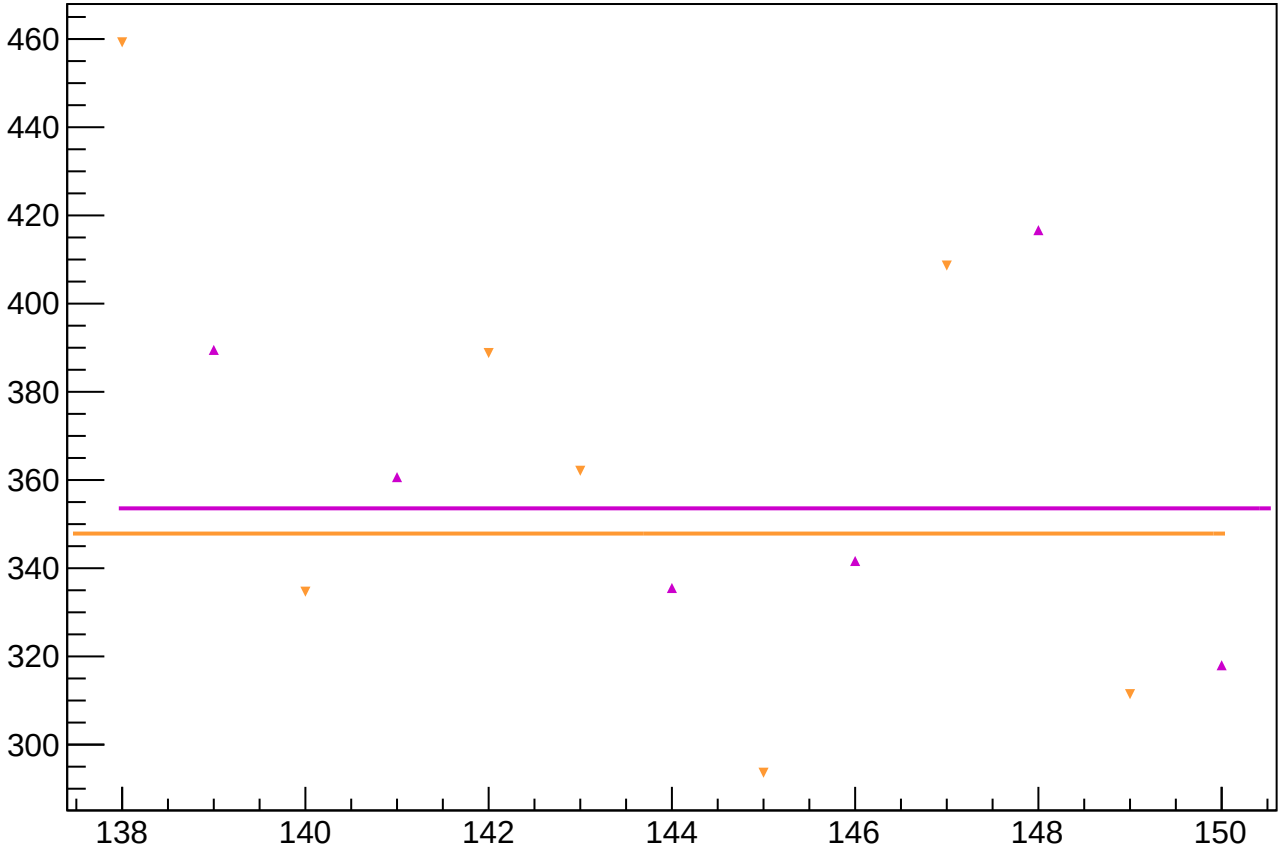
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -338.792+/-159.895 χ^2/NDF:7.1/5

Out: 383.979+/-158.279 χ^2/NDF:4.8/6

All: 26.264+/-112.487 χ^2/NDF: 22.1/12

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: 347.859+/-0.112 χ^2/NDF:206702.7/6

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

Left In: 353.577+/-0.113 χ^2/NDF:78946.4/5

Left: 350.689+/-0.080 χ^2/NDF: 286940.8/12

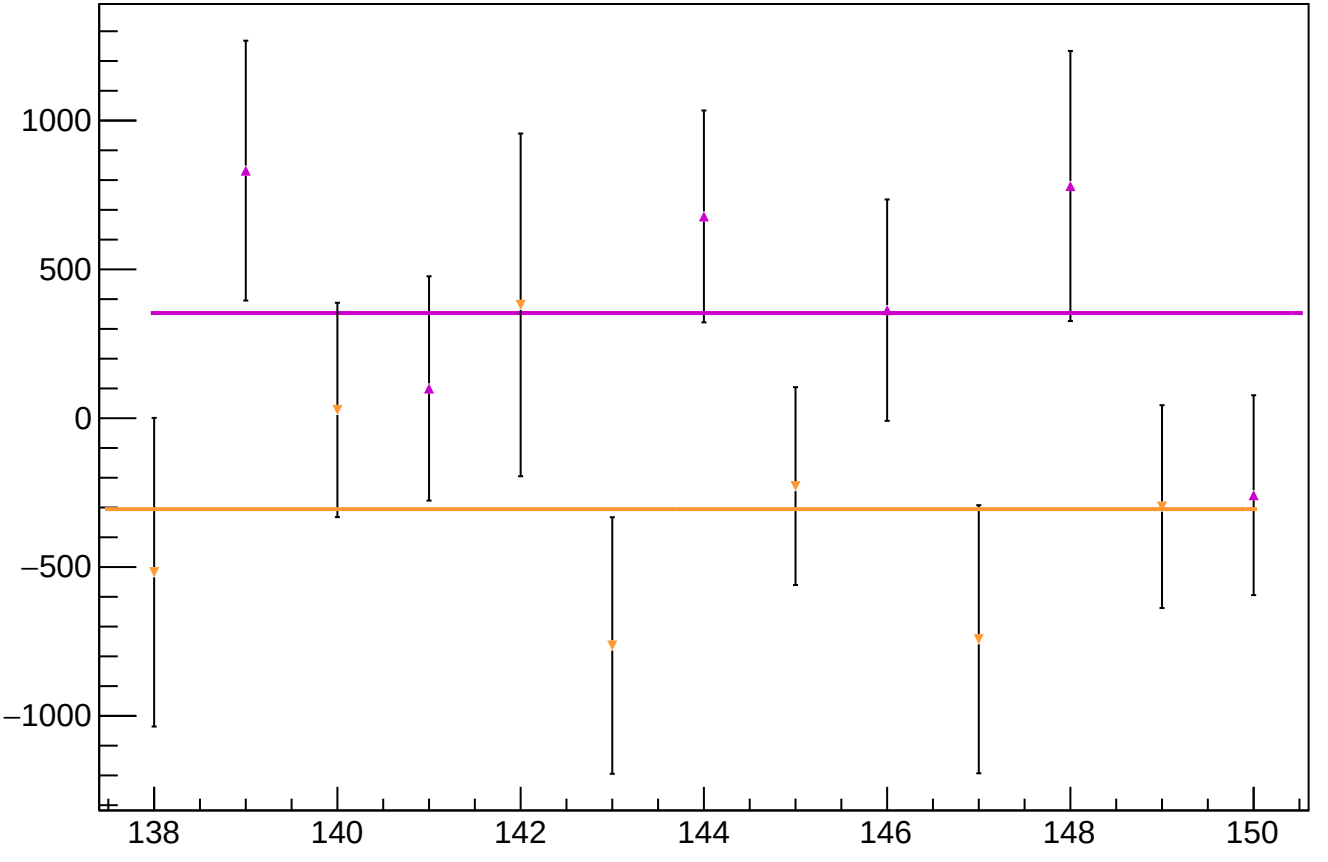
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.577+/-0.113 χ^2/NDF:78946.4/5

Out: 347.859+/-0.112 χ^2/NDF:206702.7/6

All: 350.689+/-0.080 χ^2/NDF: 286940.8/12

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -305.356+/-153.508 χ^2/NDF:4.6/6

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

Left In: 353.352+/-155.894 χ^2/NDF:6.7/5

Left: 18.917+/-109.380 χ^2/NDF: 20.3/12

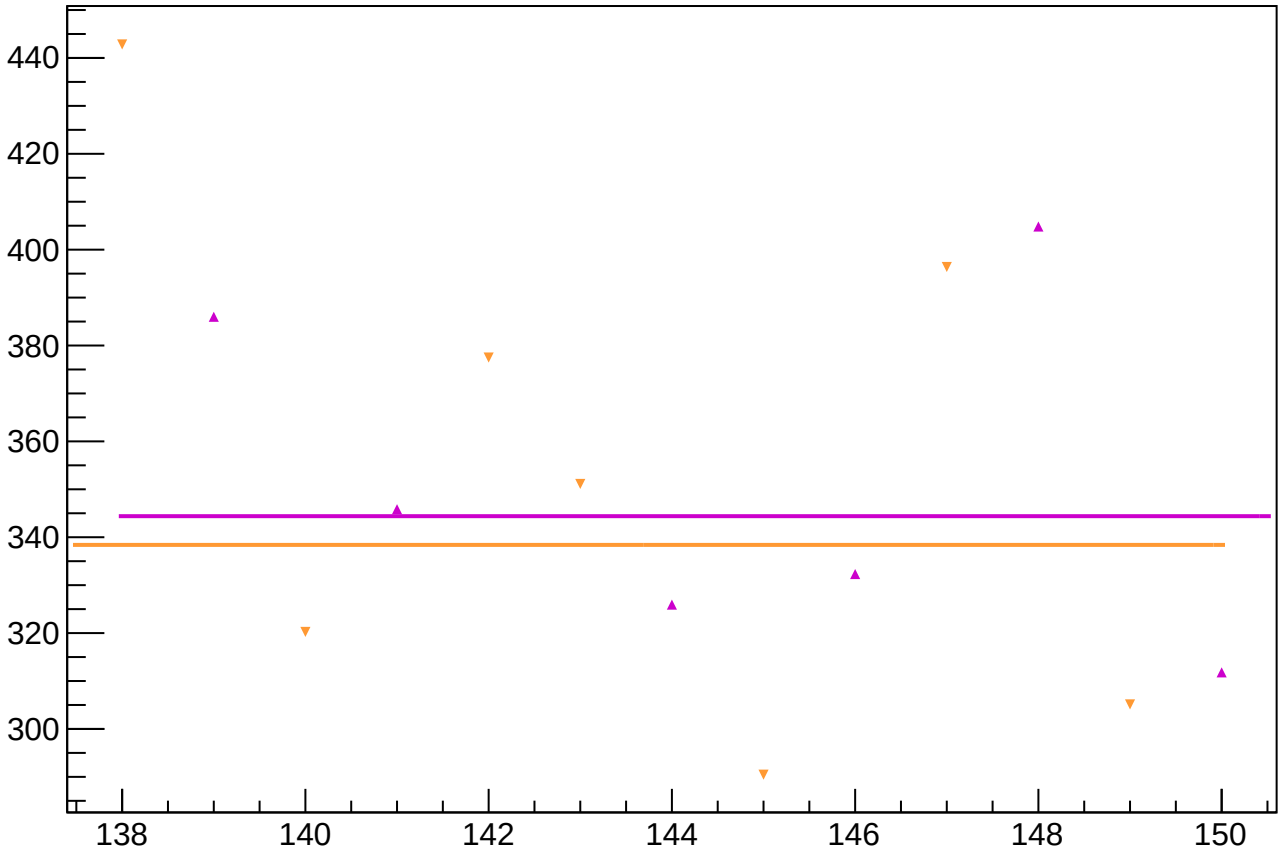
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.352+/-155.894 χ^2/NDF:6.7/5

Out: -305.356+/-153.508 χ^2/NDF:4.6/6

All: 18.917+/-109.380 χ^2/NDF: 20.3/12

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 338.400+/-0.109 χ^2/NDF:191057.0/6

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

Left In: 344.393+/-0.110 χ^2/NDF:80017.9/5

Left: 341.350+/-0.077 χ^2/NDF: 272575.6/12

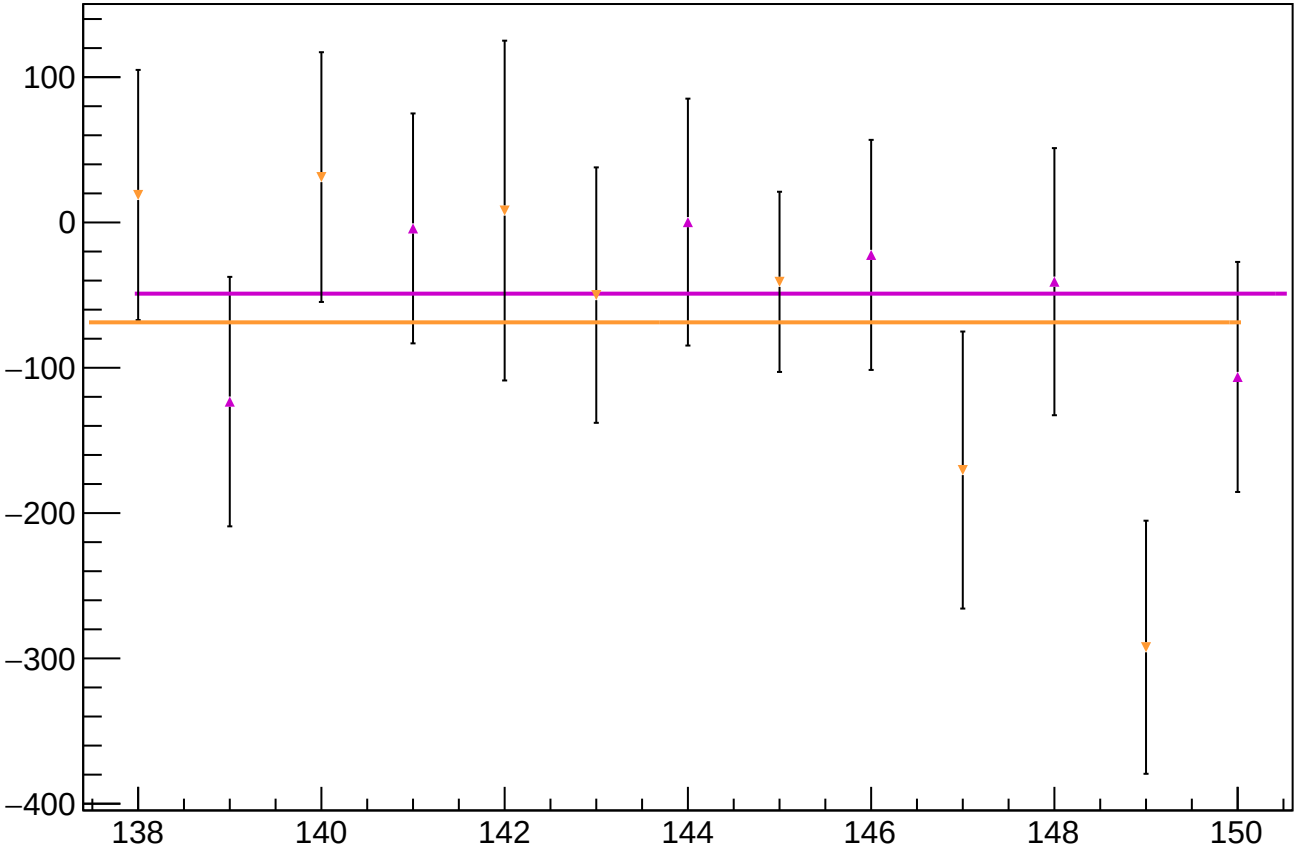
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.393+/-0.110 χ^2/NDF:80017.9/5

Out: 338.400+/-0.109 χ^2/NDF:191057.0/6

All: 341.350+/-0.077 χ^2/NDF: 272575.6/12

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: -68.730+/-32.026 χ^2/NDF:10.8/6

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

Left In: -48.991+/-33.873 χ^2/NDF:2.1/5

Left: -59.413+/-23.271 χ^2/NDF: 13.0/12

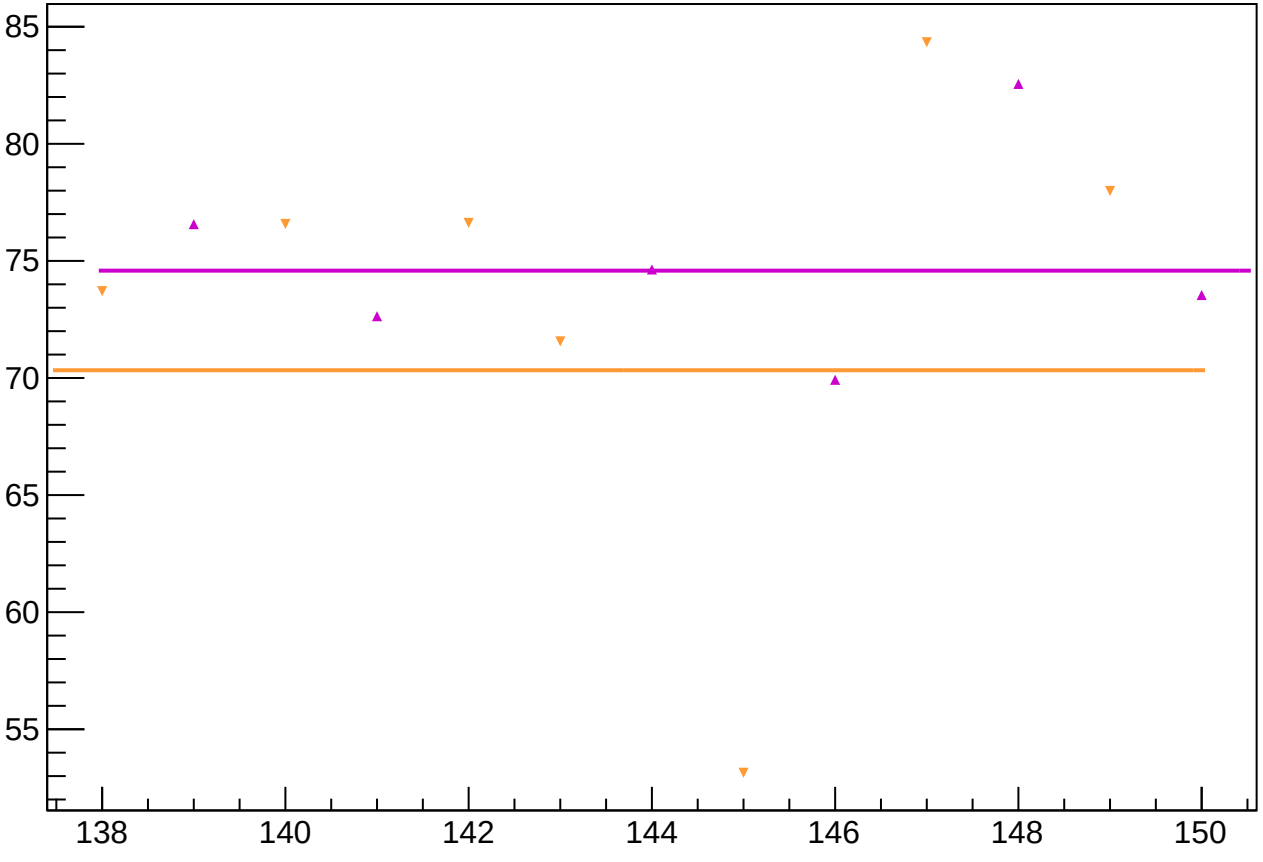
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -48.991+/-33.873 χ^2/NDF:2.1/5

Out: -68.730+/-32.026 χ^2/NDF:10.8/6

All: -59.413+/-23.271 χ^2/NDF: 13.0/12

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: 70.331+/-0.023 χ^2/NDF:232180.9/6

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

Left In: 74.584+/-0.024 χ^2/NDF:24613.3/5

Left: 72.339+/-0.016 χ^2/NDF: 273442.1/12

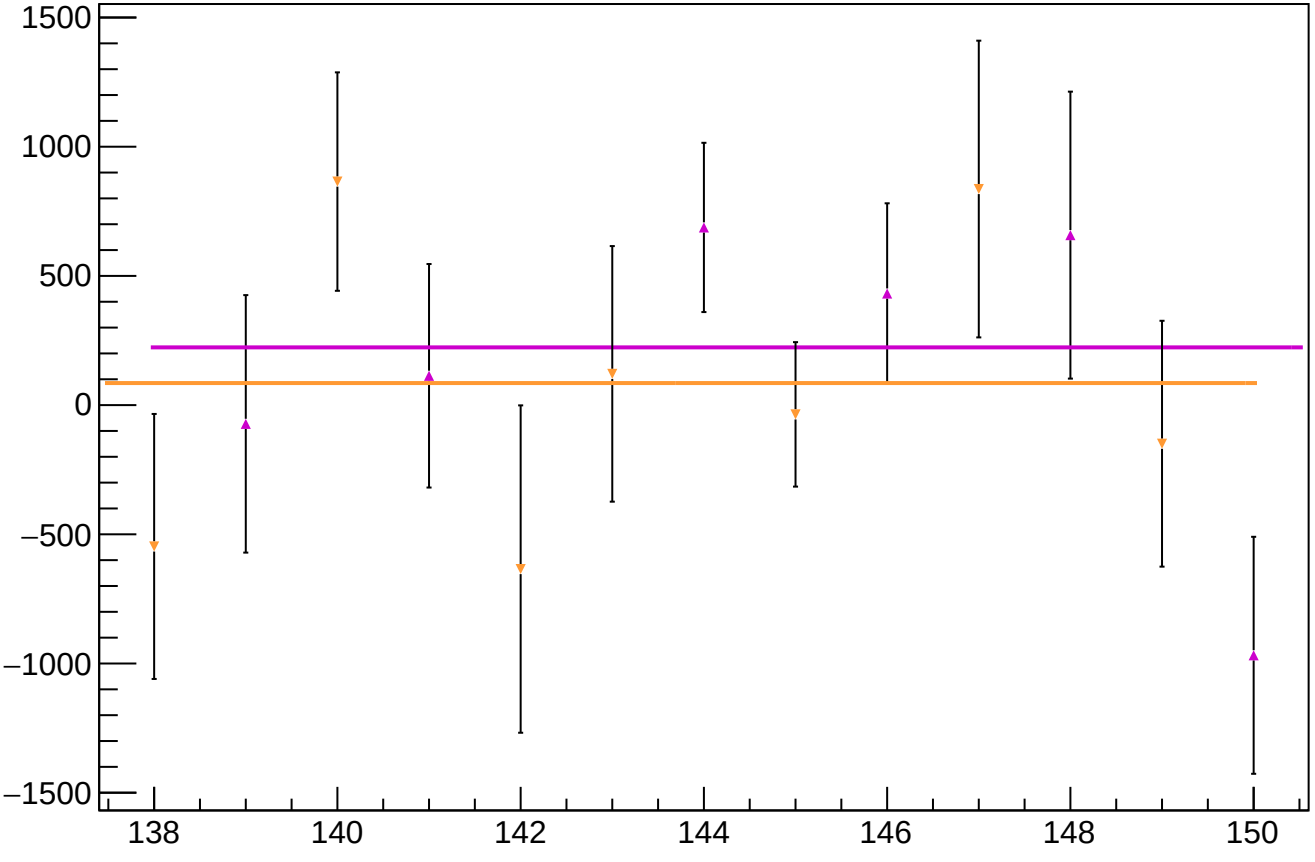
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.584+/-0.024 χ^2/NDF:24613.3/5

Out: 70.331+/-0.023 χ^2/NDF:232180.9/6

All: 72.339+/-0.016 χ^2/NDF: 273442.1/12

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: 85.339+/-166.141 χ^2/NDF:8.4/6

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

Left In: 223.420+/-169.283 χ^2/NDF:10.1/5

Left: 153.086+/-118.575 χ^2/NDF: 18.8/12

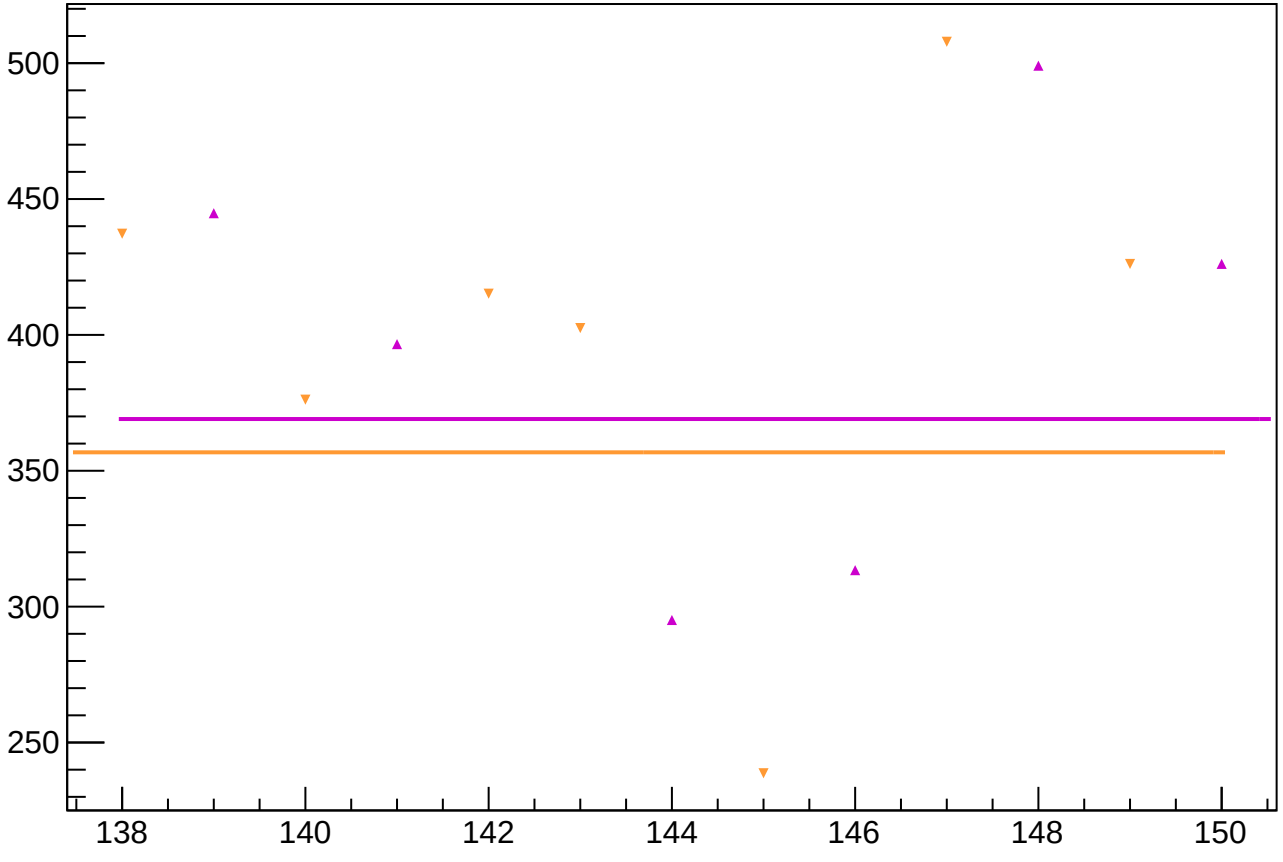
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 223.420+/-169.283 χ^2/NDF:10.1/5

Out: 85.339+/-166.141 χ^2/NDF:8.4/6

All: 153.086+/-118.575 χ^2/NDF: 18.8/12

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: 356.788+/-0.117 χ^2/NDF:625458.2/6

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

Left In: 369.043+/-0.120 χ^2/NDF:347726.7/5

Left: 362.801+/-0.084 χ^2/NDF: 978524.4/12

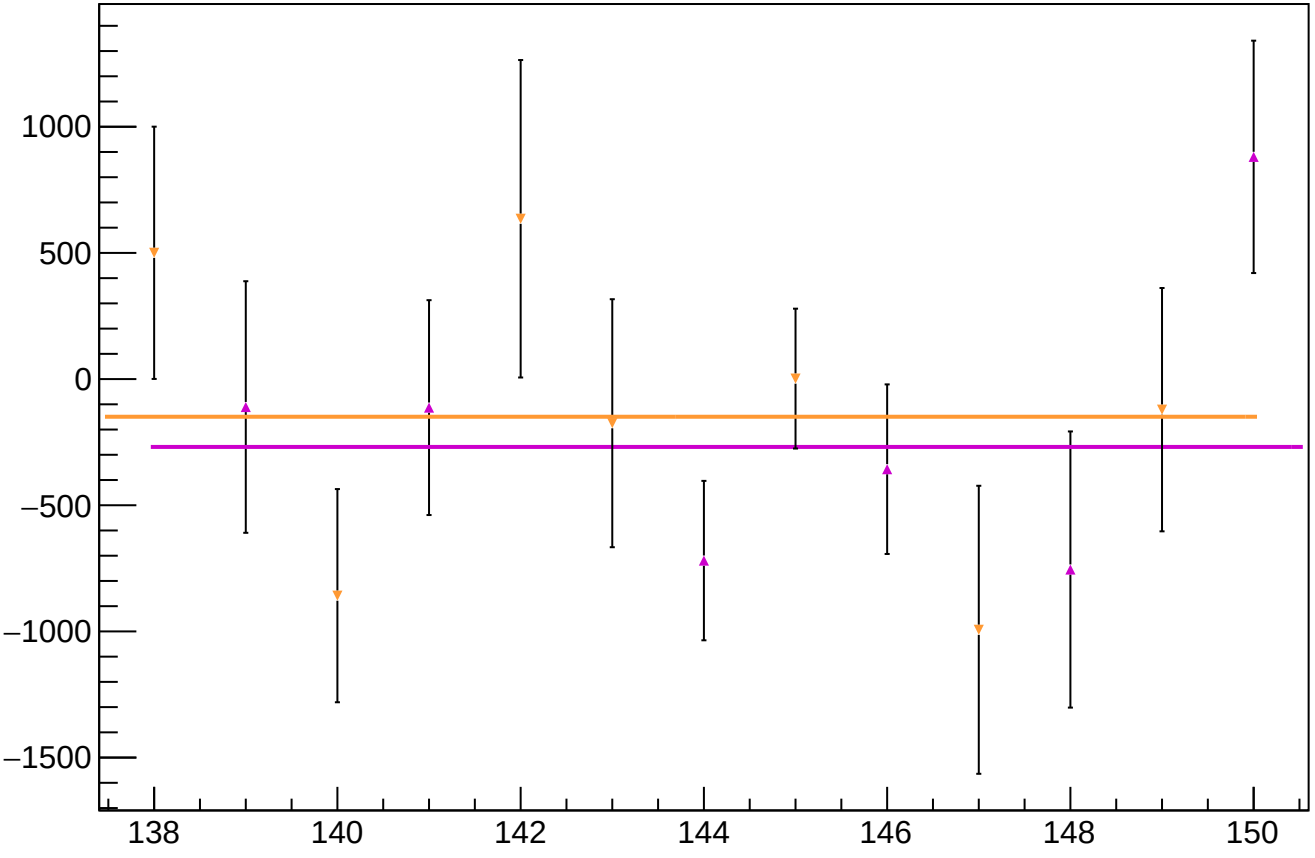
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 369.043+/-0.120 χ^2/NDF:347726.7/5

Out: 356.788+/-0.117 χ^2/NDF:625458.2/6

All: 362.801+/-0.084 χ^2/NDF: 978524.4/12

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -149.249+/-165.146 χ^2/NDF:8.6/6

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

Left In: -268.876+/-165.580 χ^2/NDF:9.4/5

Left: -208.906+/-116.929 χ^2/NDF: 18.2/12

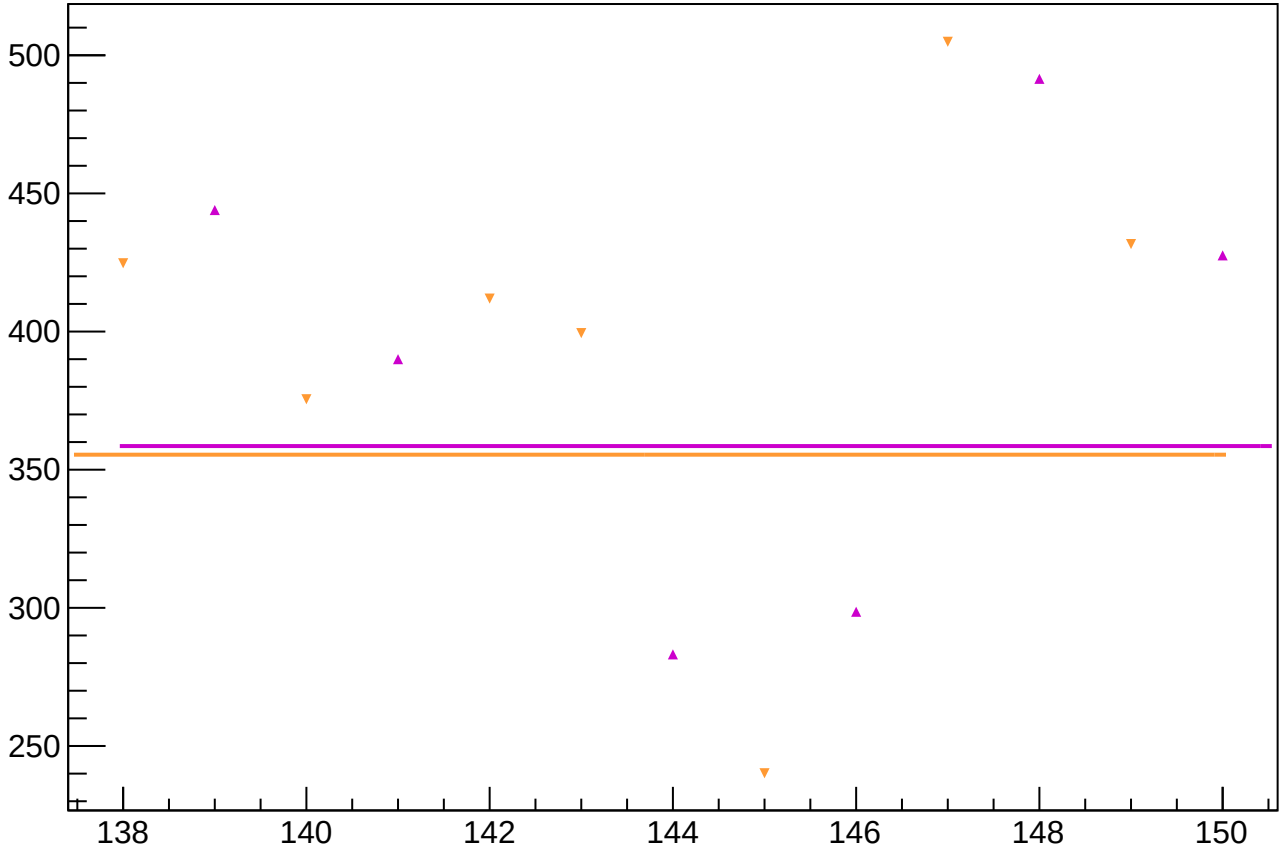
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -268.876+/-165.580 χ^2/NDF:9.4/5

Out: -149.249+/-165.146 χ^2/NDF:8.6/6

All: -208.906+/-116.929 χ^2/NDF: 18.2/12

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 355.434+/-0.117 χ^2/NDF:608482.9/6

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

Left In: 358.555+/-0.117 χ^2/NDF:410209.5/5

Left: 356.990+/-0.083 χ^2/NDF: 1019048.7/12

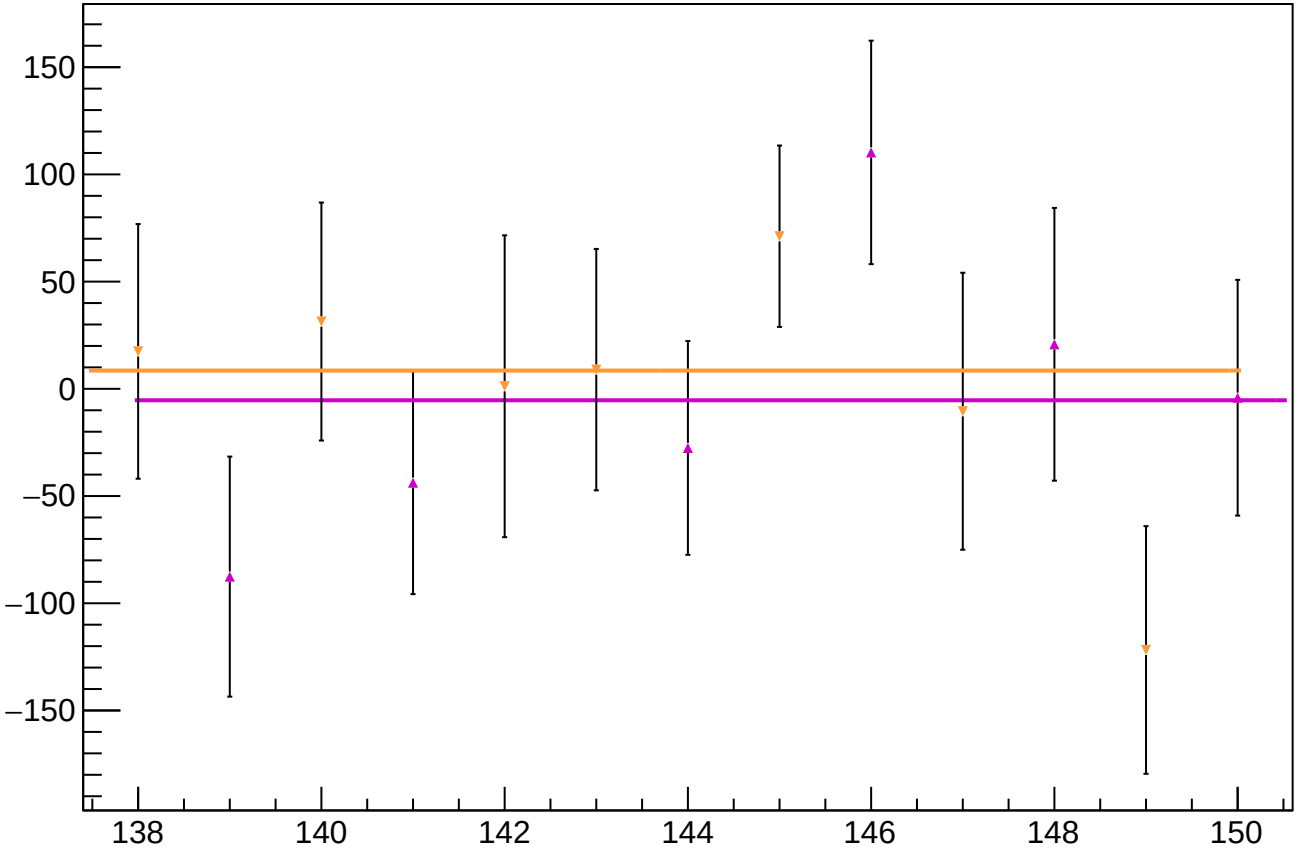
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 358.555+/-0.117 χ^2/NDF:410209.5/5

Out: 355.434+/-0.117 χ^2/NDF:608482.9/6

All: 356.990+/-0.083 χ^2/NDF: 1019048.7/12

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: 8.527+/-21.203 χ^2/NDF:7.6/6

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

Left In: -5.334+/-22.151 χ^2/NDF:8.0/5

Left: 1.899+/-15.317 χ^2/NDF: 15.8/12

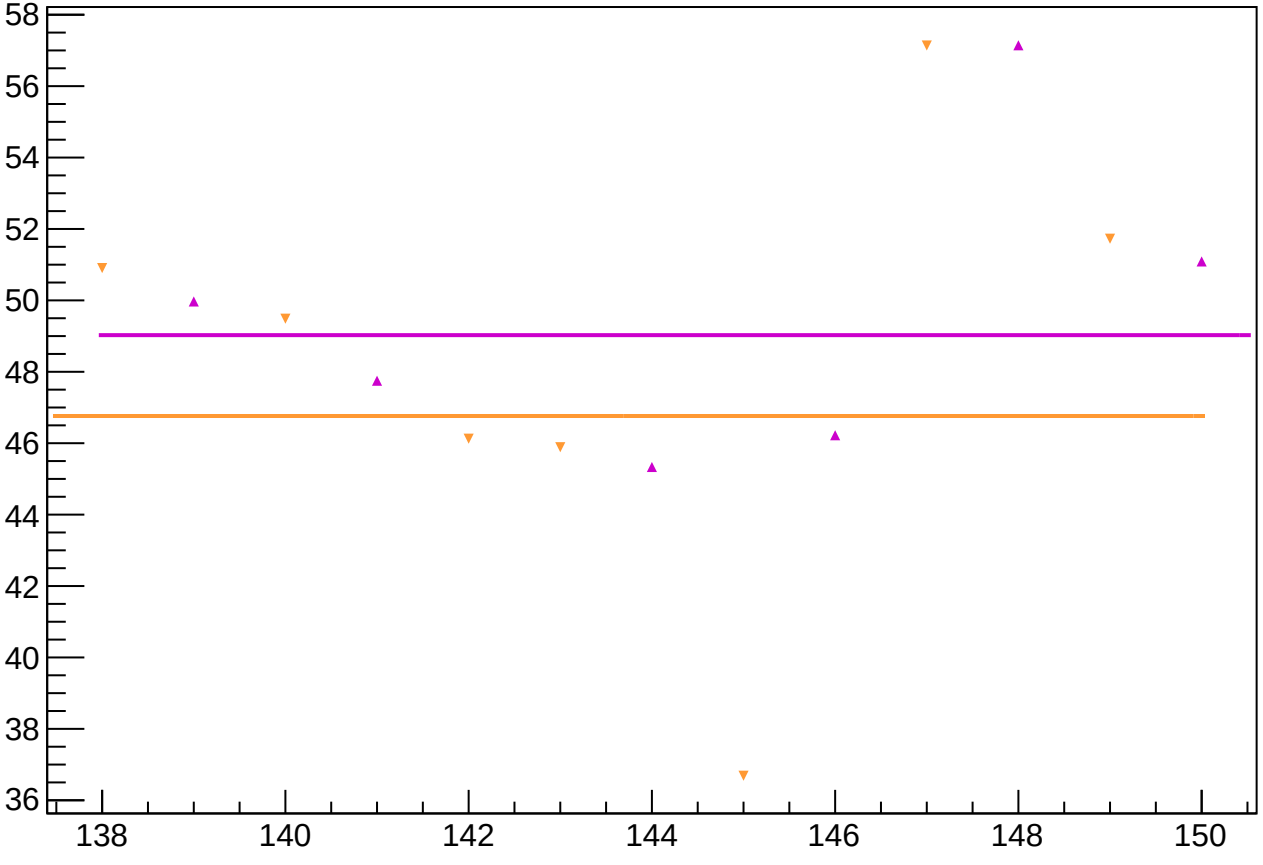
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.334+/-22.151 χ^2/NDF:8.0/5

Out: 8.527+/-21.203 χ^2/NDF:7.6/6

All: 1.899+/-15.317 χ^2/NDF: 15.8/12

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: 46.762+/-0.015 χ^2/NDF:195086.7/6

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

Left In: 49.027+/-0.016 χ^2/NDF:53938.8/5

Left: 47.845+/-0.011 χ^2/NDF: 259934.3/12

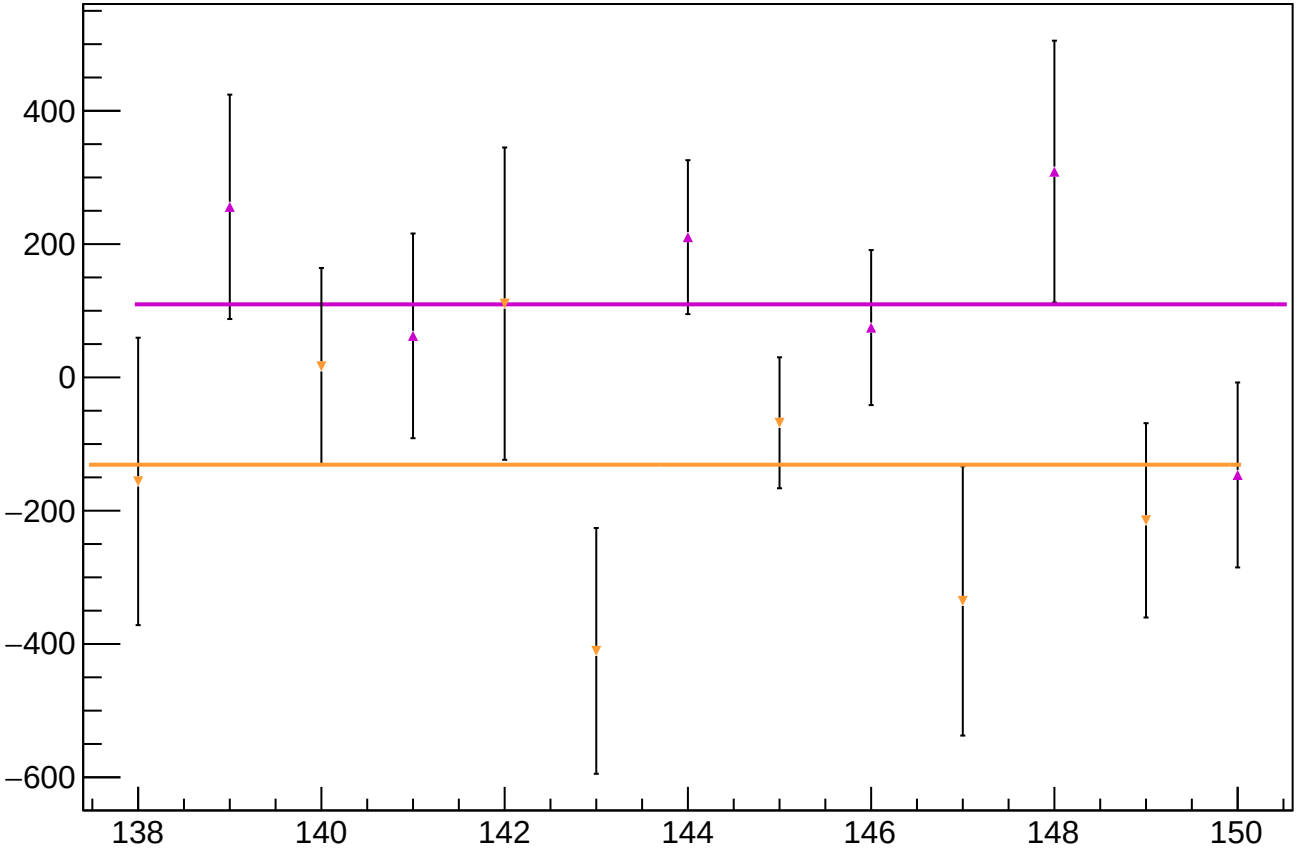
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 49.027+/-0.016 χ^2/NDF:53938.8/5

Out: 46.762+/-0.015 χ^2/NDF:195086.7/6

All: 47.845+/-0.011 χ^2/NDF: 259934.3/12

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: -130.989+/-58.708 χ^2/NDF:6.1/6

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

Left In: 109.638+/-57.315 χ^2/NDF:6.1/5

Left: -7.786+/-41.012 χ^2/NDF: 20.9/12

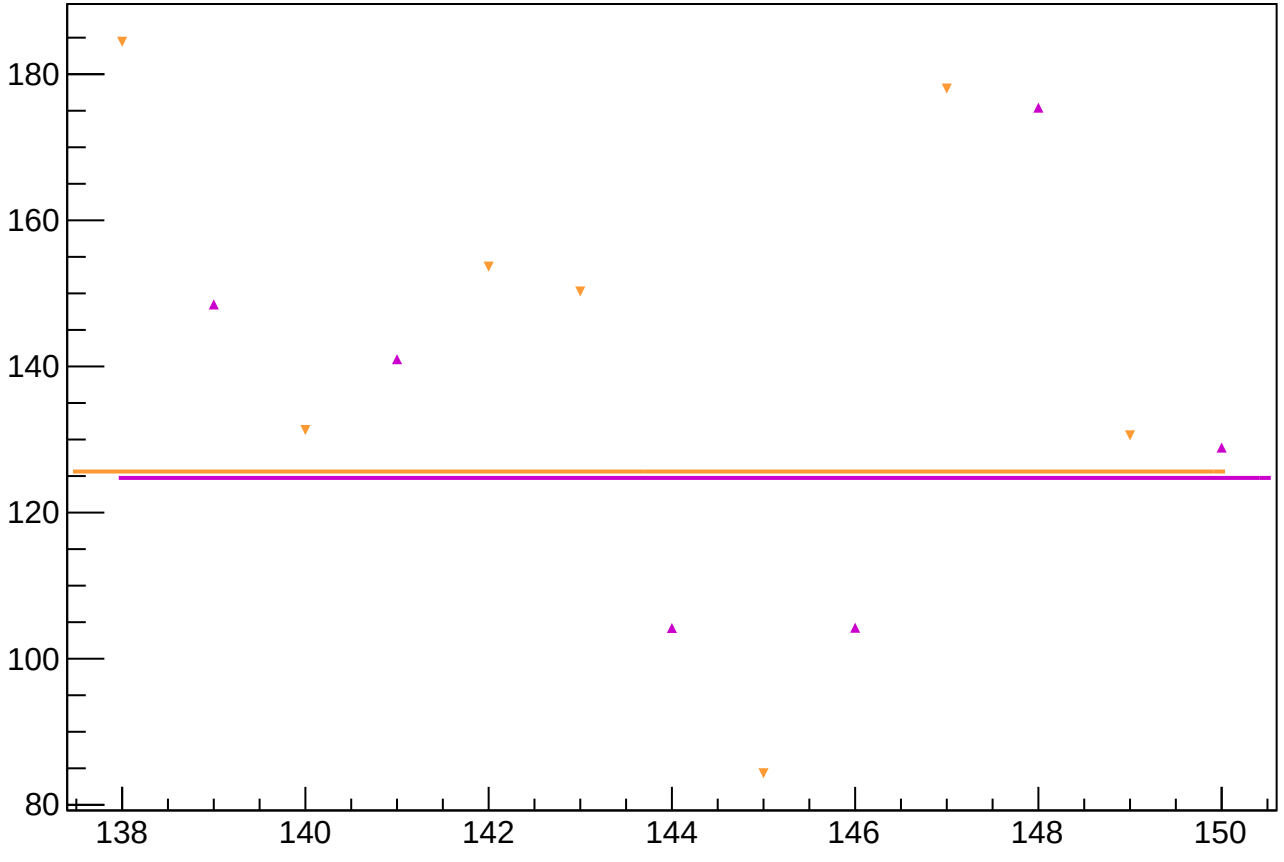
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.638+/-57.315 χ^2/NDF:6.1/5

Out: -130.989+/-58.708 χ^2/NDF:6.1/6

All: -7.786+/-41.012 χ^2/NDF: 20.9/12

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: 125.619+/-0.042 χ^2/NDF:706335.7/6

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

Left In: 124.746+/-0.041 χ^2/NDF:322397.5/5

Left: 125.172+/-0.029 χ^2/NDF: 1028959.5/12

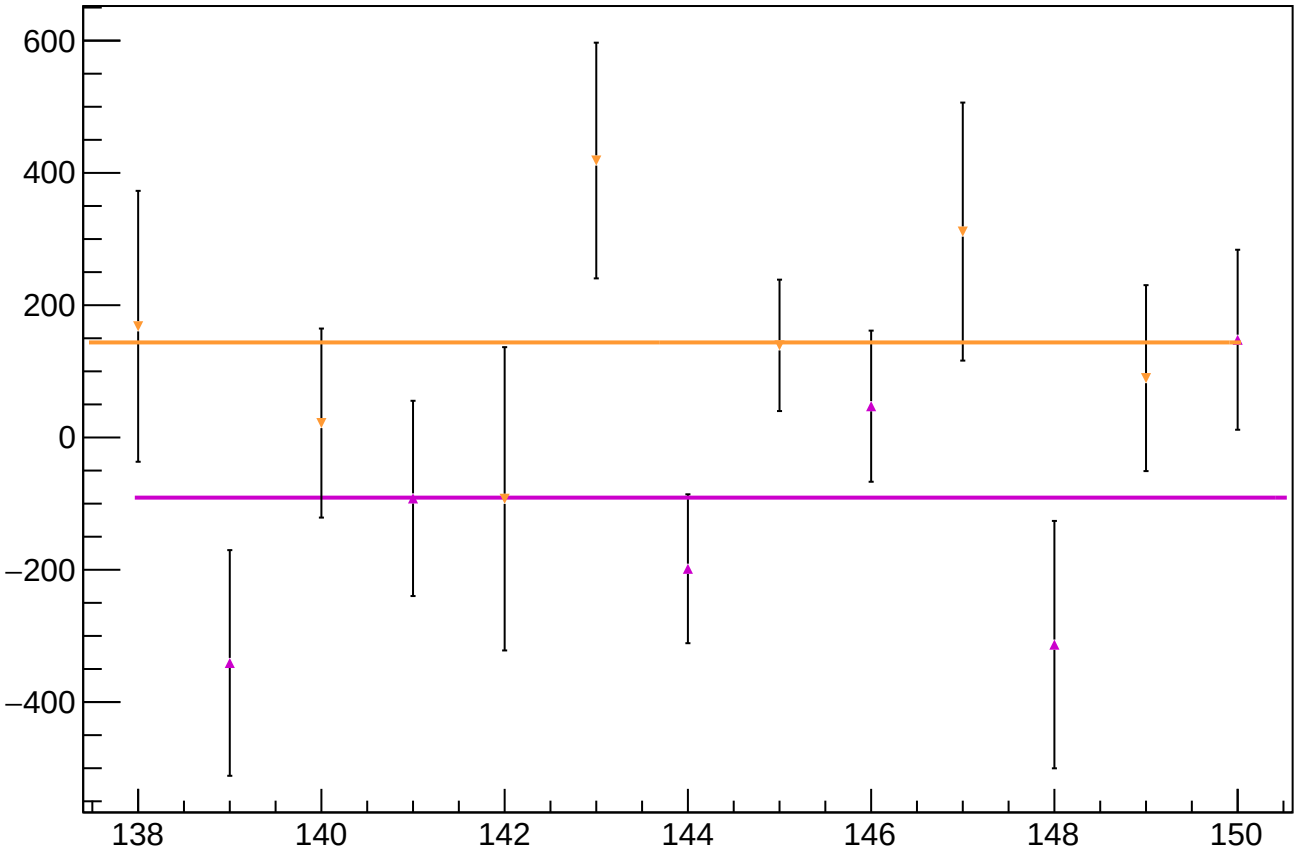
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.746+/-0.041 χ^2/NDF:322397.5/5

Out: 125.619+/-0.042 χ^2/NDF:706335.7/6

All: 125.172+/-0.029 χ^2/NDF: 1028959.5/12

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 143.716+/-57.581 χ^2/NDF:5.1/6

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

Left In: -90.925+/-56.039 χ^2/NDF:9.0/5

Left: 23.212+/-40.160 χ^2/NDF: 22.6/12

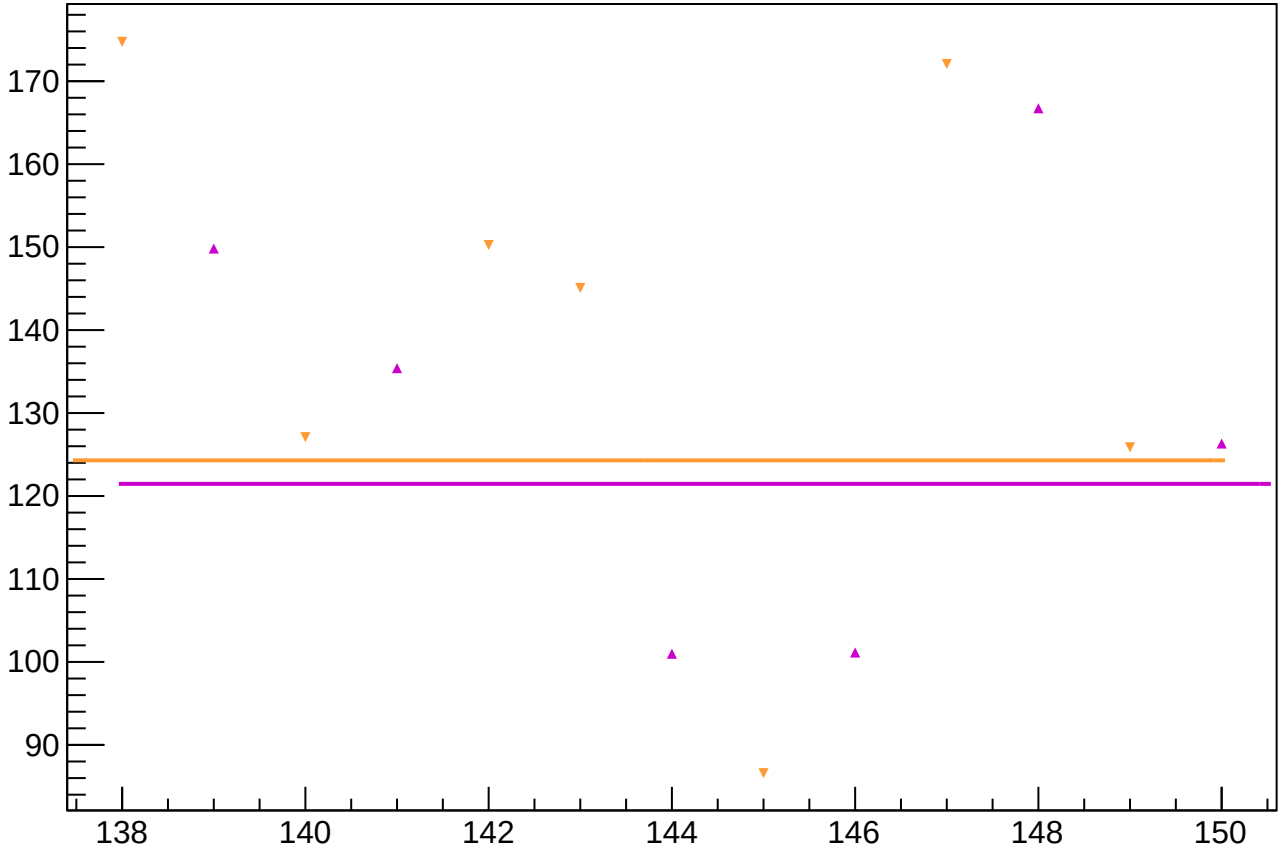
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -90.925+/-56.039 χ^2/NDF:9.0/5

Out: 143.716+/-57.581 χ^2/NDF:5.1/6

All: 23.212+/-40.160 χ^2/NDF: 22.6/12

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 124.300+/-0.041 χ^2/NDF:583441.8/6

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

Left In: 121.463+/-0.040 χ^2/NDF:322381.6/5

Left: 122.843+/-0.028 χ^2/NDF: 908315.8/12

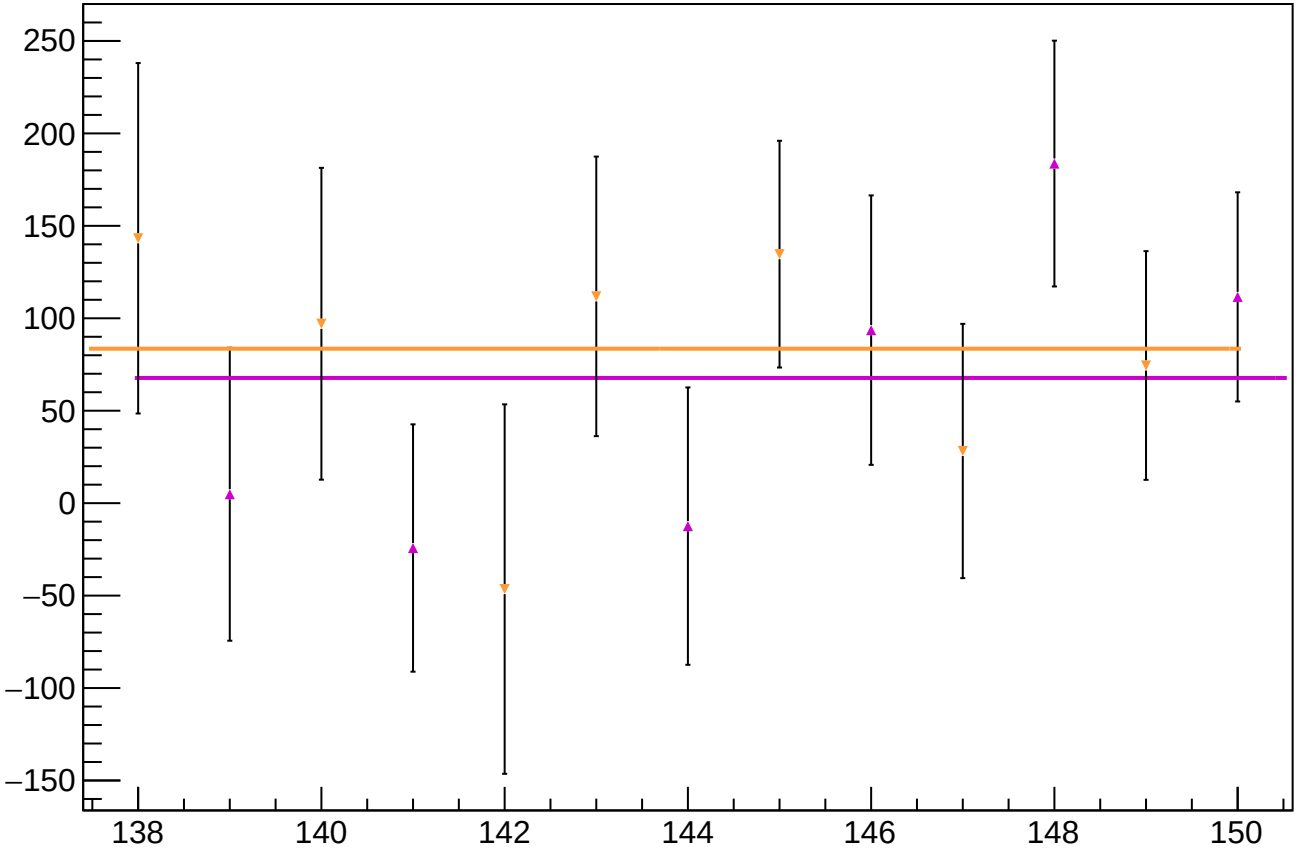
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 121.463+/-0.040 χ^2/NDF:322381.6/5

Out: 124.300+/-0.041 χ^2/NDF:583441.8/6

All: 122.843+/-0.028 χ^2/NDF: 908315.8/12

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 83.549+/-28.106 χ^2/NDF:3.6/6

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

Left In: 67.726+/-27.868 χ^2/NDF:7.4/5

Left: 75.570+/-19.789 χ^2/NDF: 11.2/12

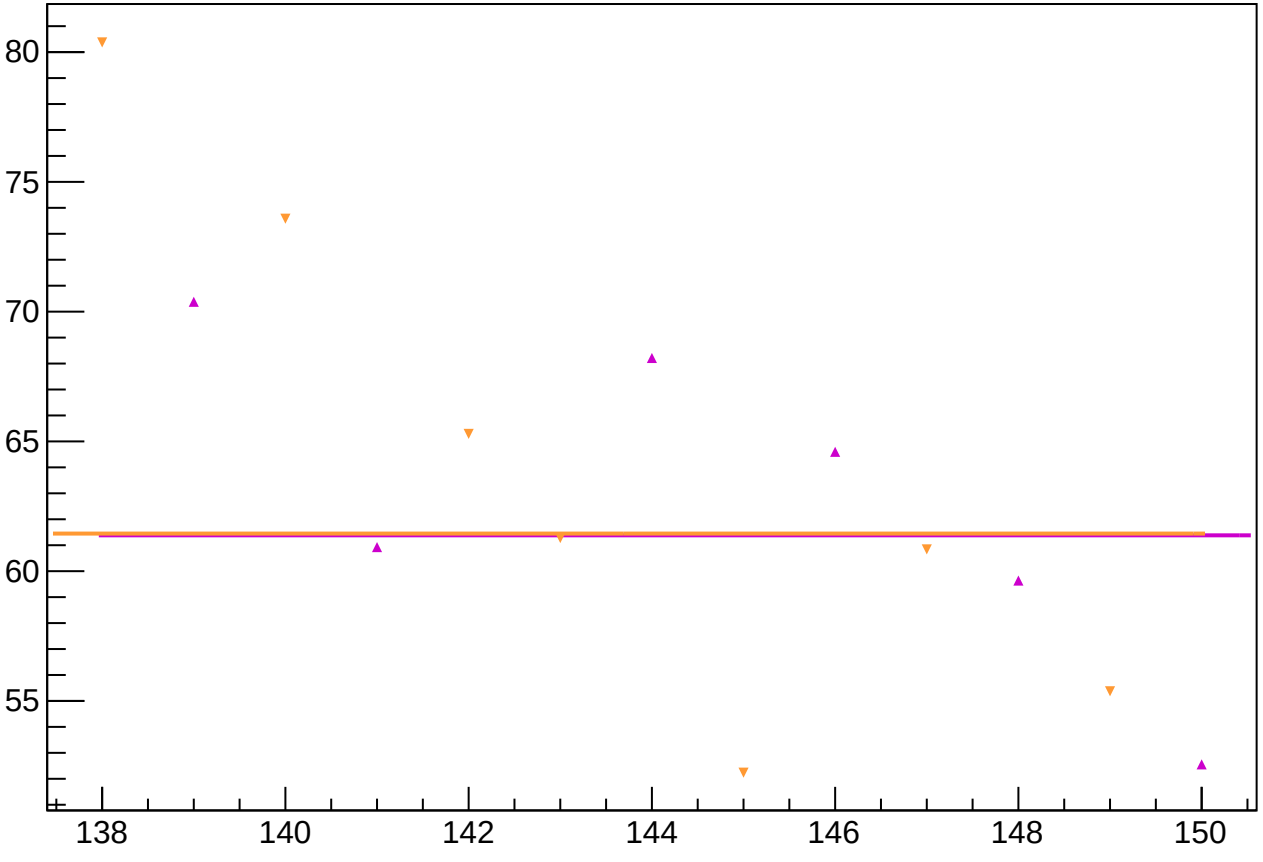
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.726+/-27.868 χ^2/NDF:7.4/5

Out: 83.549+/-28.106 χ^2/NDF:3.6/6

All: 75.570+/-19.789 χ^2/NDF: 11.2/12

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 61.449+/-0.020 χ^2/NDF:188730.6/6

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

Left In: 61.381+/-0.020 χ^2/NDF:96443.3/5

Left: 61.415+/-0.014 χ^2/NDF: 285179.7/12

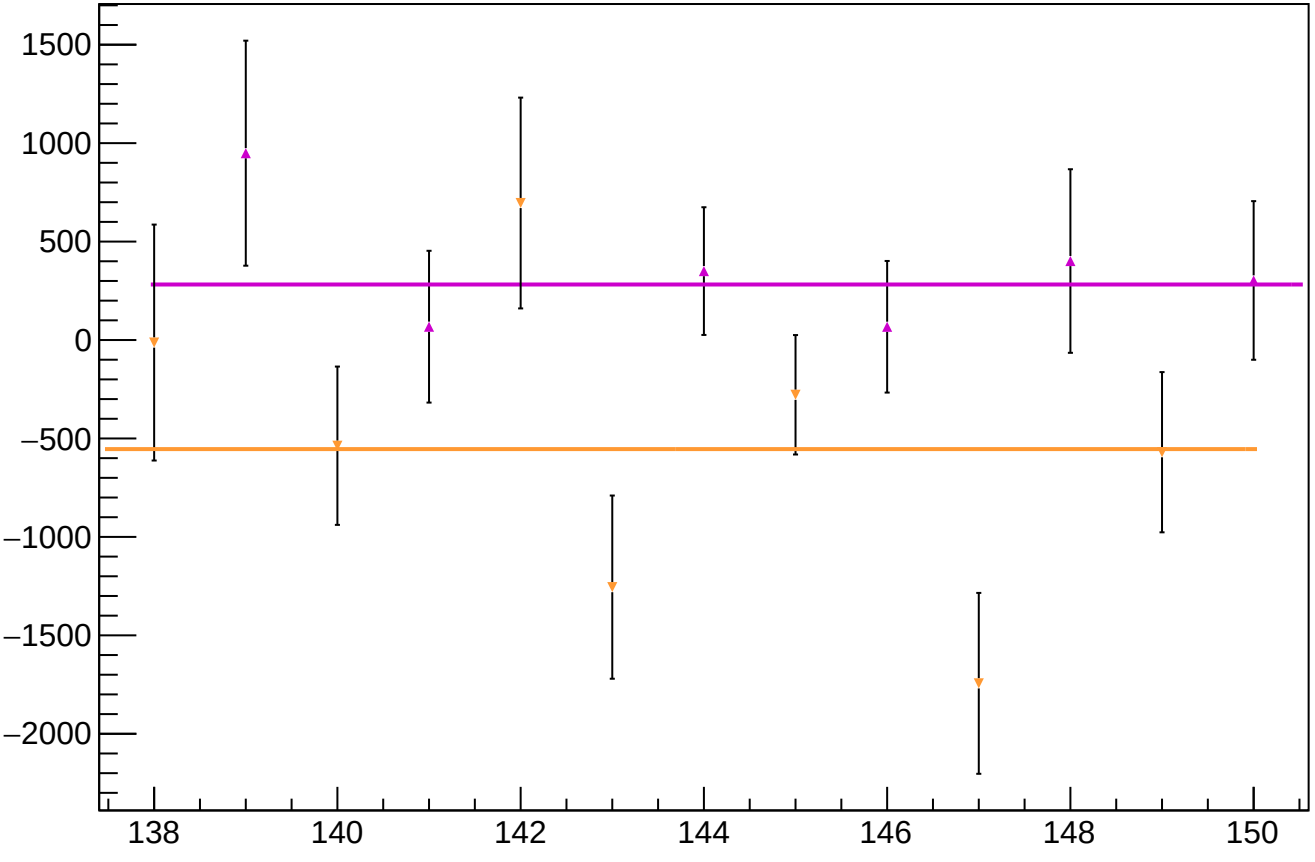
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.381+/-0.020 χ^2/NDF:96443.3/5

Out: 61.449+/-0.020 χ^2/NDF:188730.6/6

All: 61.415+/-0.014 χ^2/NDF: 285179.7/12

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -553.977+/-160.688 χ^2/NDF:16.1/6

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

Left In: 282.041+/-160.103 χ^2/NDF:2.2/5

Left: -134.444+/-113.416 χ^2/NDF: 31.9/12

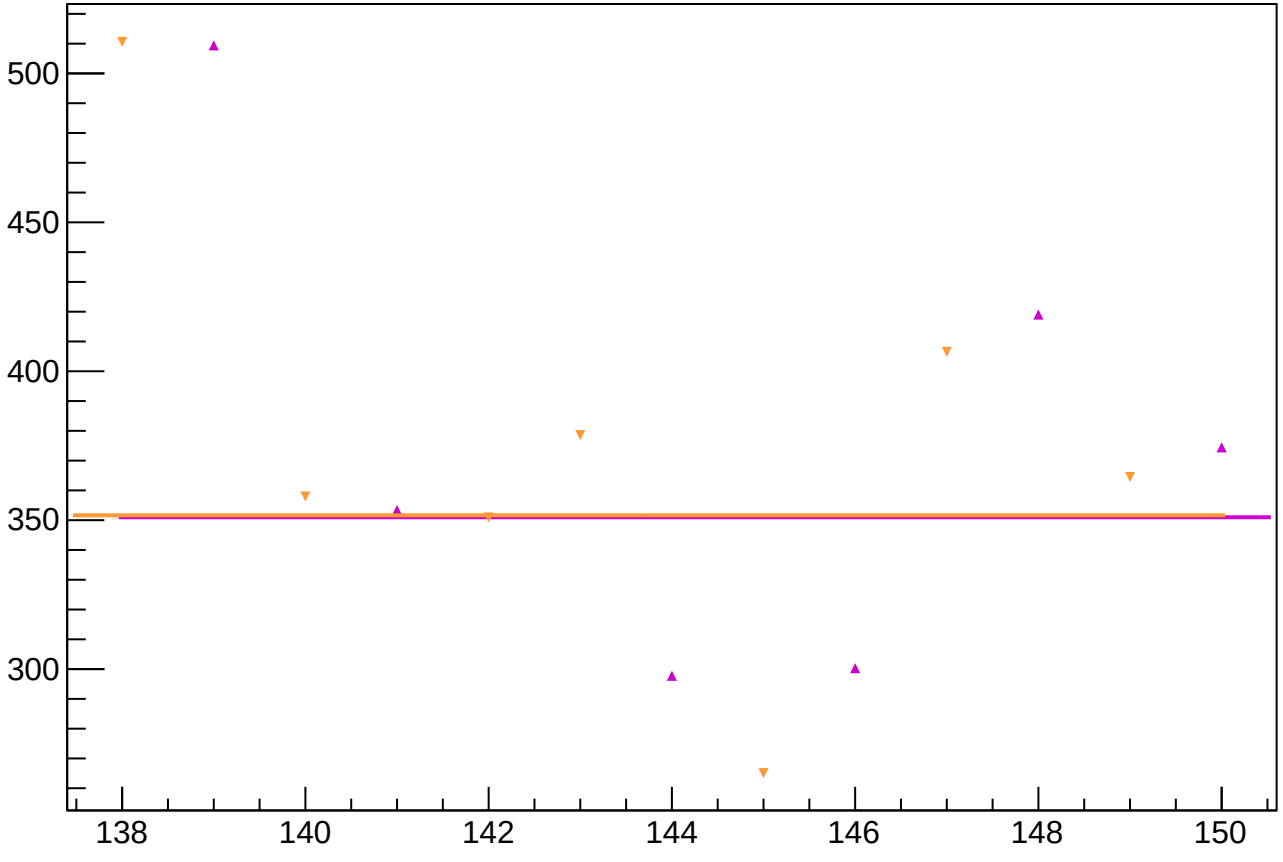
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 282.041+/-160.103 χ^2/NDF:2.2/5

Out: -553.977+/-160.688 χ^2/NDF:16.1/6

All: -134.444+/-113.416 χ^2/NDF: 31.9/12

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 351.638+/-0.114 χ^2/NDF:341389.1/6

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

Left In: 350.981+/-0.113 χ^2/NDF:303057.8/5

Left: 351.308+/-0.080 χ^2/NDF: 644463.7/12

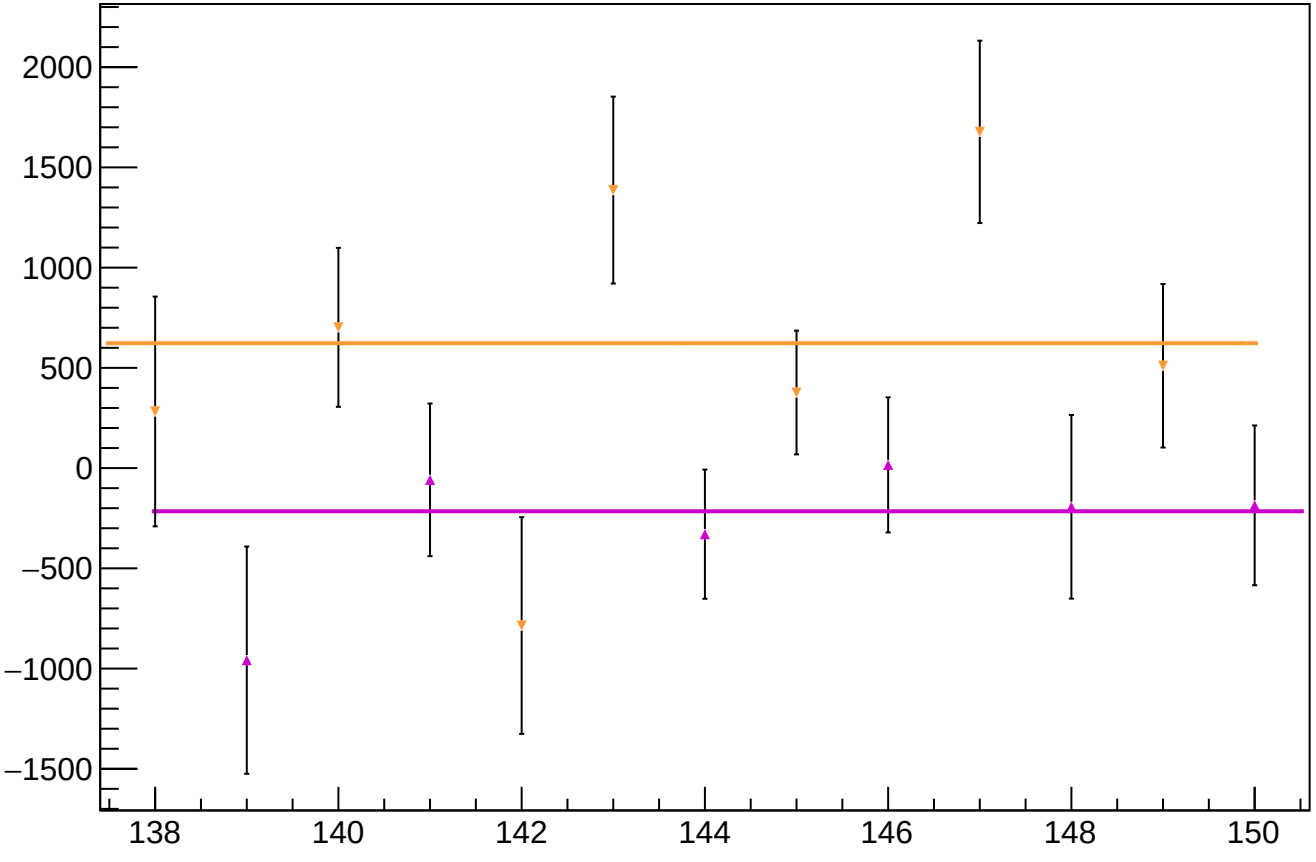
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 350.981+/-0.113 χ^2/NDF:303057.8/5

Out: 351.638+/-0.114 χ^2/NDF:341389.1/6

All: 351.308+/-0.080 χ^2/NDF: 644463.7/12

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 622.942+/-160.589 χ^2/NDF:16.0/6

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

Left In: -215.411+/-159.086 χ^2/NDF:2.5/5

Left: 199.825+/-113.019 χ^2/NDF: 32.2/12

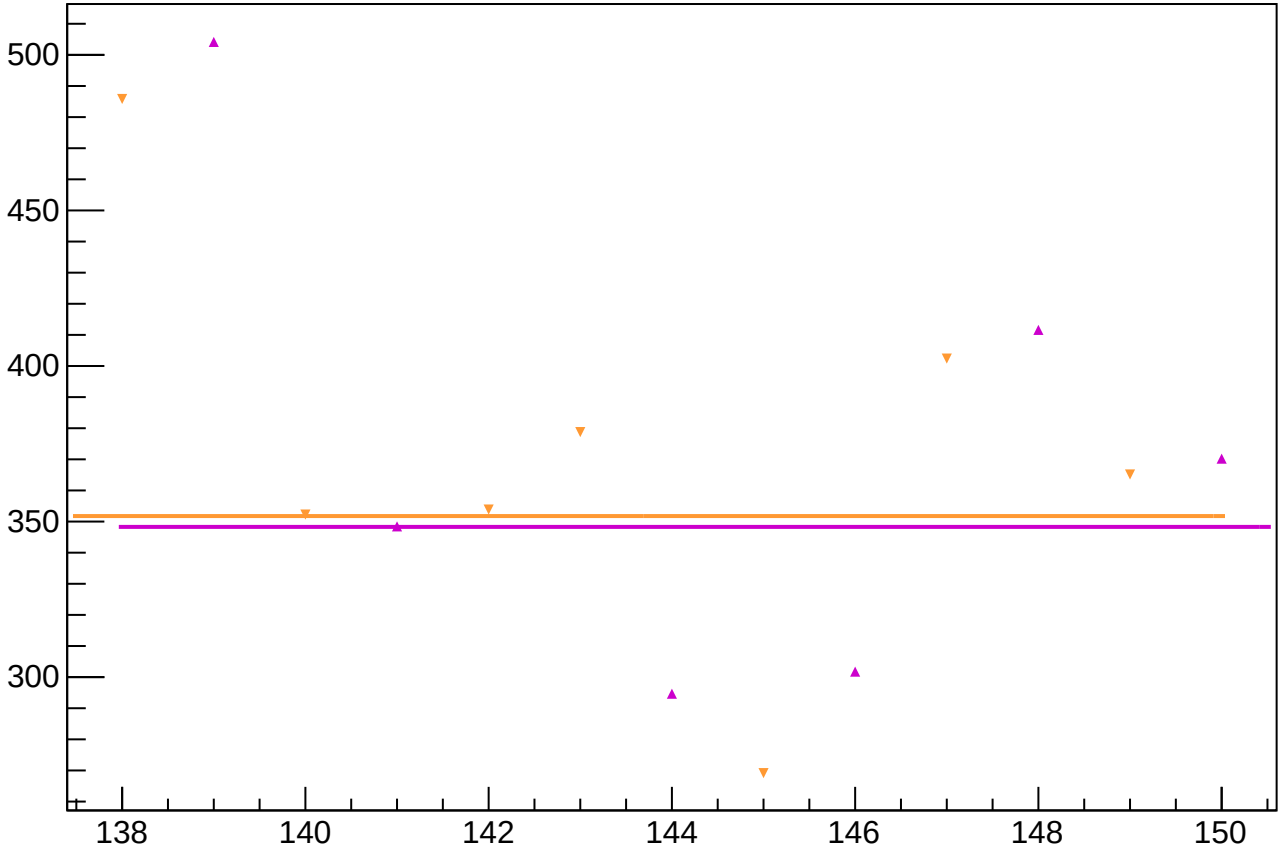
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -215.411+/-159.086 χ^2/NDF:2.5/5

Out: 622.942+/-160.589 χ^2/NDF:16.0/6

All: 199.825+/-113.019 χ^2/NDF: 32.2/12

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 351.767+/-0.114 χ^2/NDF:286472.4/6

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

Left In: 348.287+/-0.112 χ^2/NDF:289059.3/5

Left: 350.011+/-0.080 χ^2/NDF: 576005.7/12

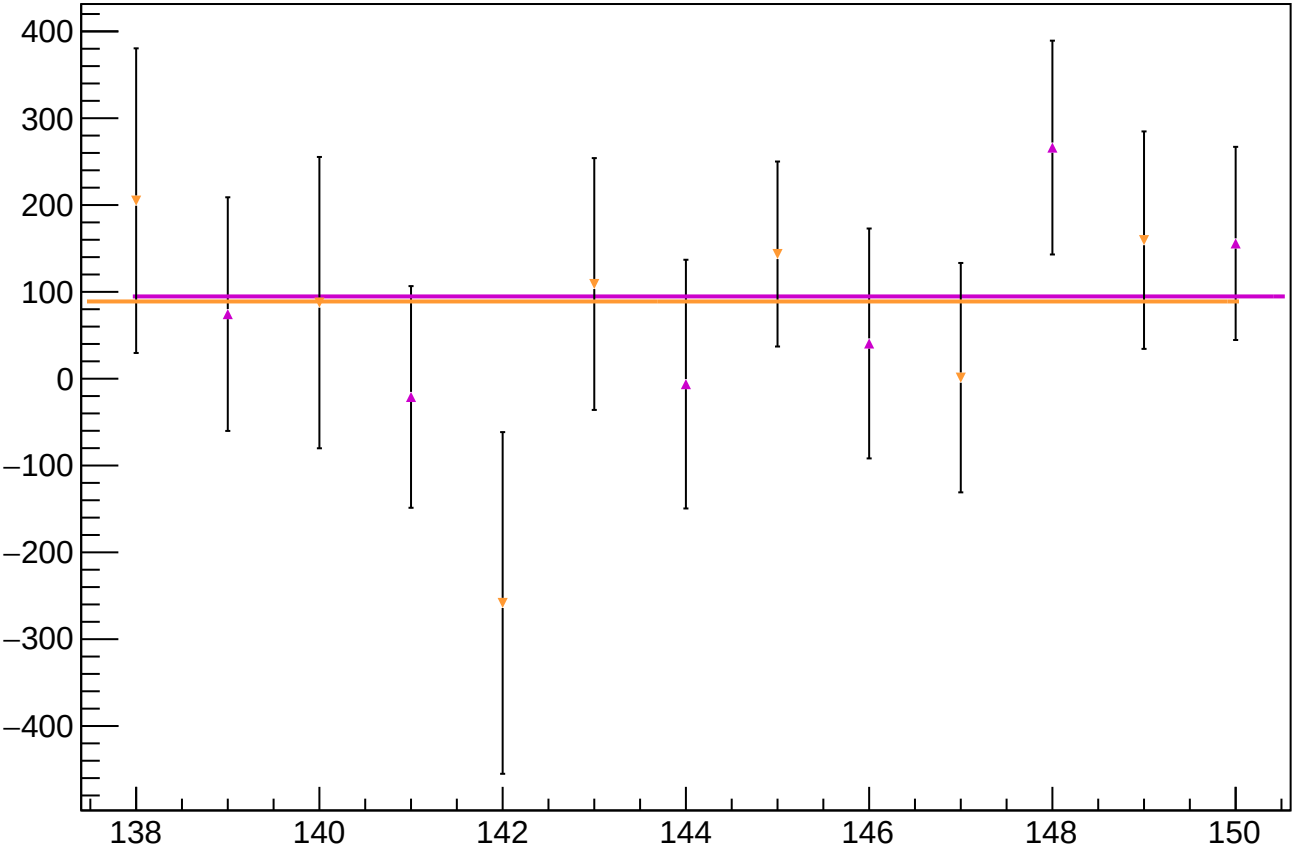
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 348.287+/-0.112 χ^2/NDF:289059.3/5

Out: 351.767+/-0.114 χ^2/NDF:286472.4/6

All: 350.011+/-0.080 χ^2/NDF: 576005.7/12

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 88.949+/-53.407 χ^2/NDF:4.6/6

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

Left In: 94.746+/-52.042 χ^2/NDF:3.8/5

Left: 91.923+/-37.272 χ^2/NDF: 8.4/12

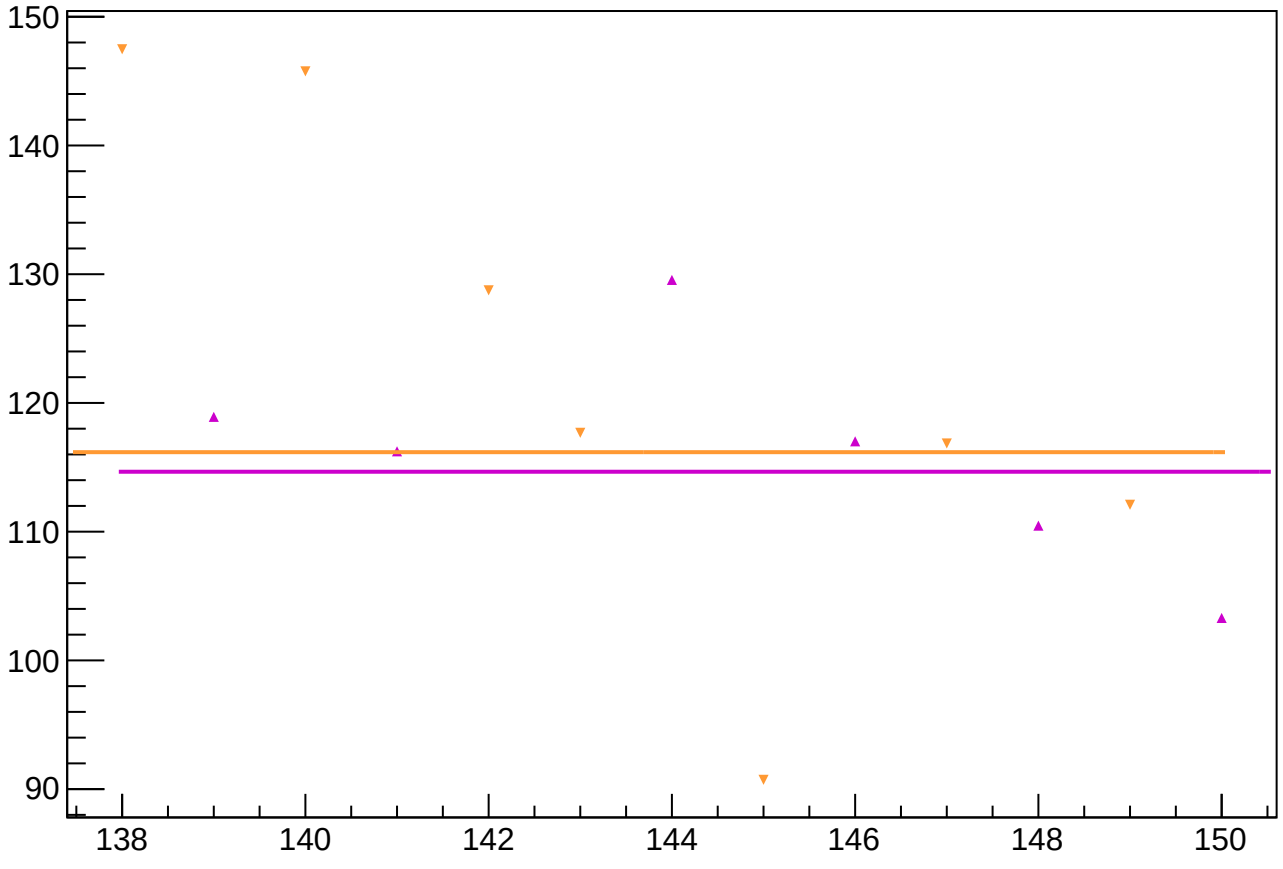
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 94.746+/-52.042 χ^2/NDF:3.8/5

Out: 88.949+/-53.407 χ^2/NDF:4.6/6

All: 91.923+/-37.272 χ^2/NDF: 8.4/12

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 116.176+/-0.038 χ^2/NDF:250585.6/6

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

Left In: 114.656+/-0.037 χ^2/NDF:47776.1/5

Left: 115.396+/-0.026 χ^2/NDF: 299192.8/12

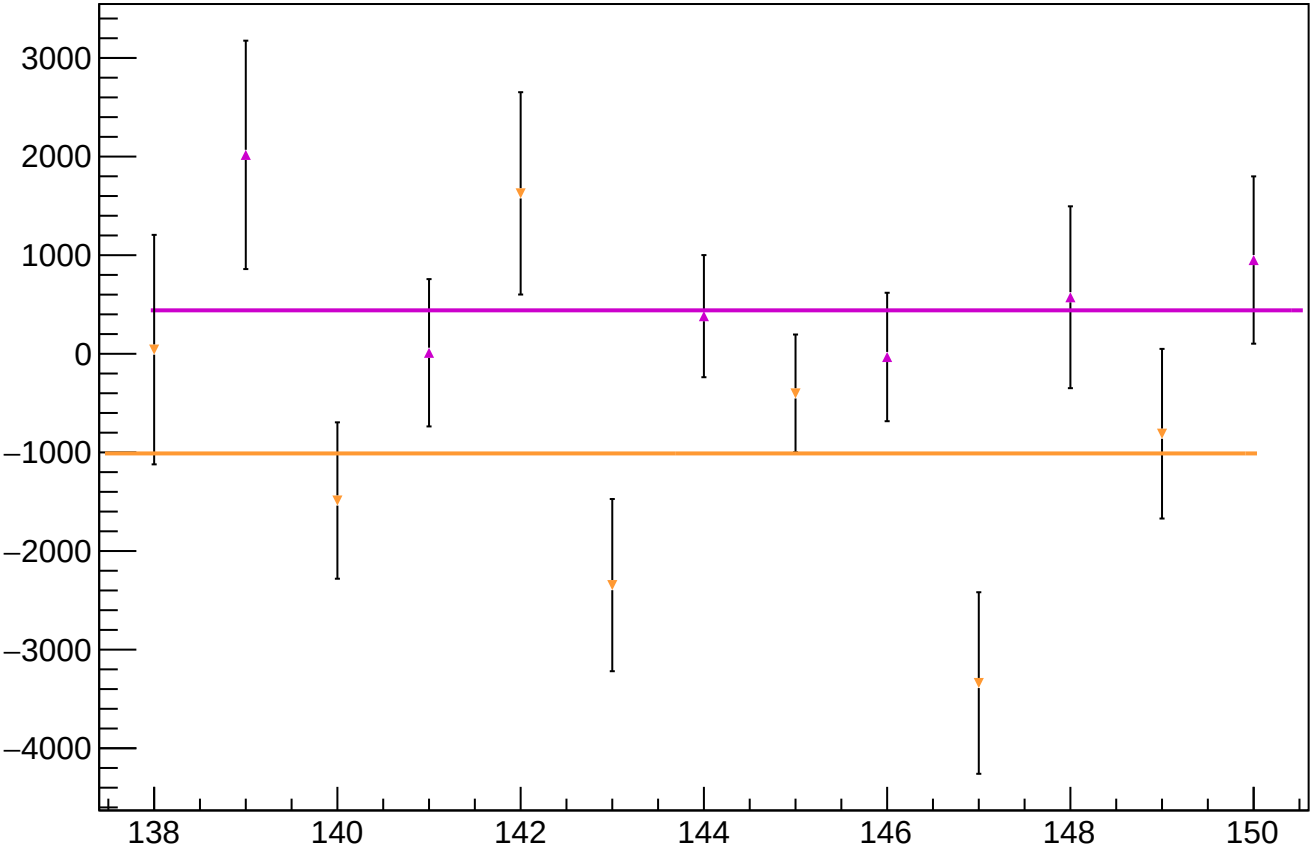
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.656+/-0.037 χ^2/NDF:47776.1/5

Out: 116.176+/-0.038 χ^2/NDF:250585.6/6

All: 115.396+/-0.026 χ^2/NDF: 299192.8/12

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1010.330+/-317.434 χ^2/NDF:17.6/6

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

Left In: 440.779+/-315.139 χ^2/NDF:3.1/5

Left: -279.511+/-223.644 χ^2/NDF: 31.2/12

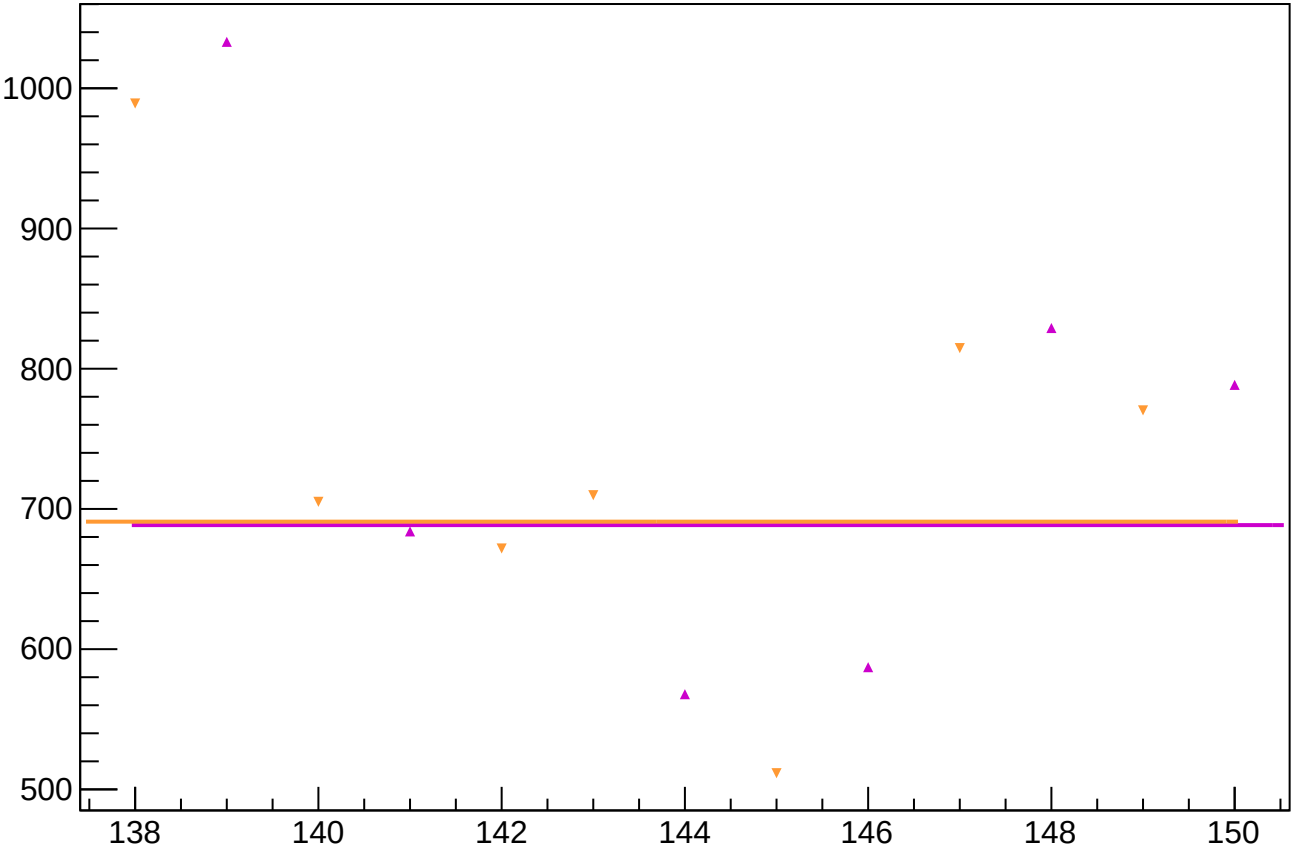
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 440.779+/-315.139 χ^2/NDF:3.1/5

Out: -1010.330+/-317.434 χ^2/NDF:17.6/6

All: -279.511+/-223.644 χ^2/NDF: 31.2/12

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 690.934+/-0.224 χ^2/NDF:367147.6/6

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

Left In: 688.473+/-0.223 χ^2/NDF:375747.4/5

Left: 689.694+/-0.158 χ^2/NDF: 742955.6/12

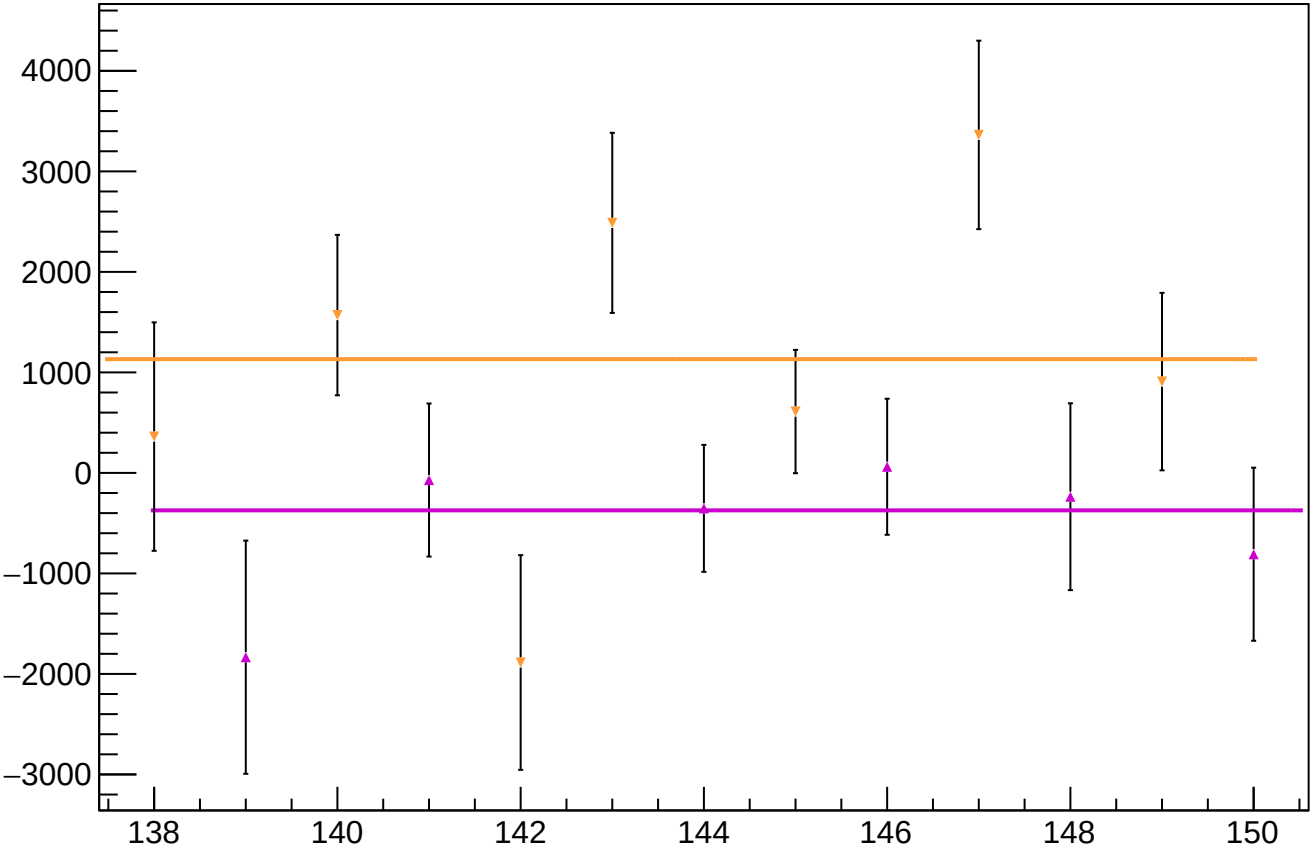
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 688.473+/-0.223 χ^2/NDF:375747.4/5

Out: 690.934+/-0.224 χ^2/NDF:367147.6/6

All: 689.694+/-0.158 χ^2/NDF: 742955.6/12

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1131.773+/-323.710 χ^2/NDF:17.5/6

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

Left In: -372.672+/-321.669 χ^2/NDF:2.4/5

Left: 374.792+/-228.172 χ^2/NDF: 30.8/12

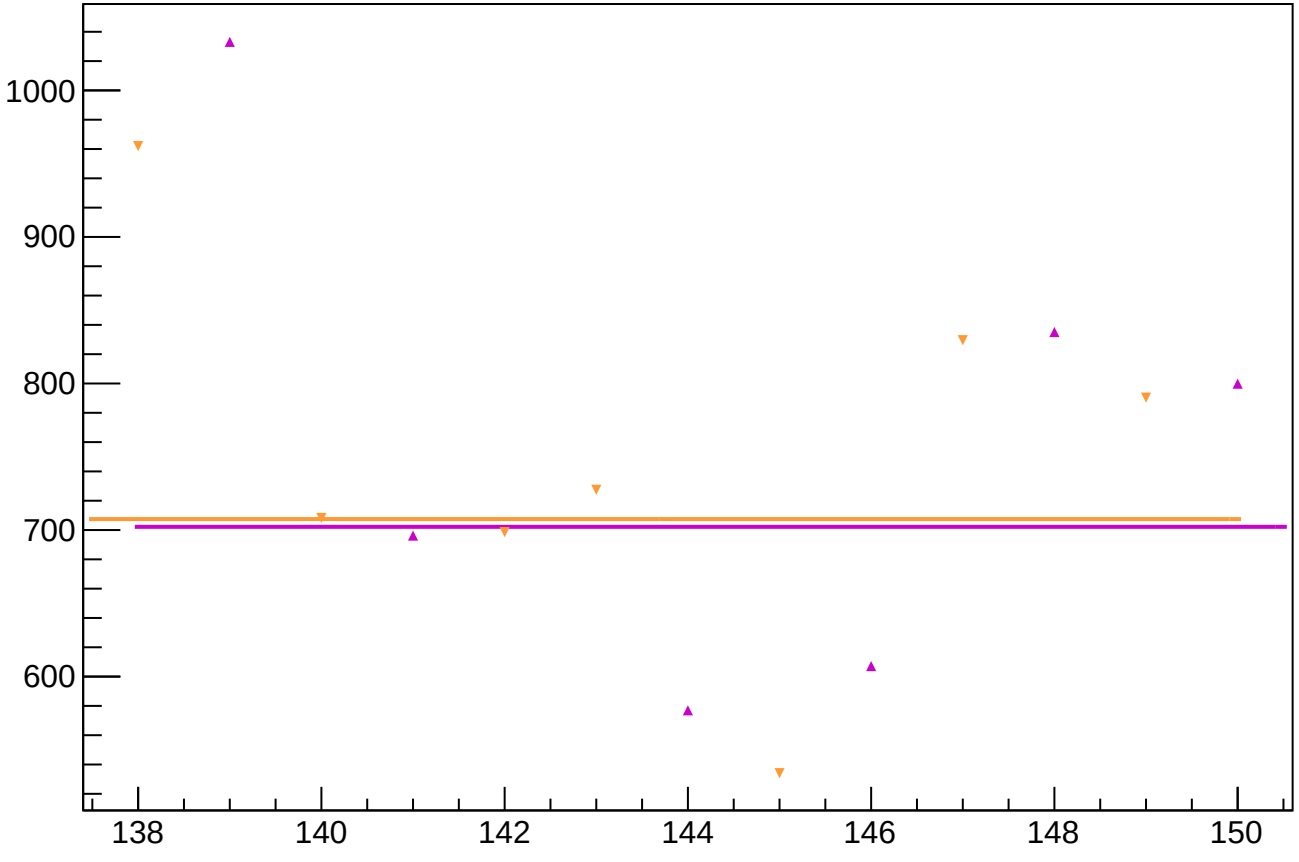
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -372.672+/-321.669 χ^2/NDF:2.4/5

Out: 1131.773+/-323.710 χ^2/NDF:17.5/6

All: 374.792+/-228.172 χ^2/NDF: 30.8/12

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 707.486+/-0.229 χ^2/NDF:312683.7/6

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

Left In: 702.190+/-0.227 χ^2/NDF:347591.8/5

Left: 704.821+/-0.161 χ^2/NDF: 660544.8/12

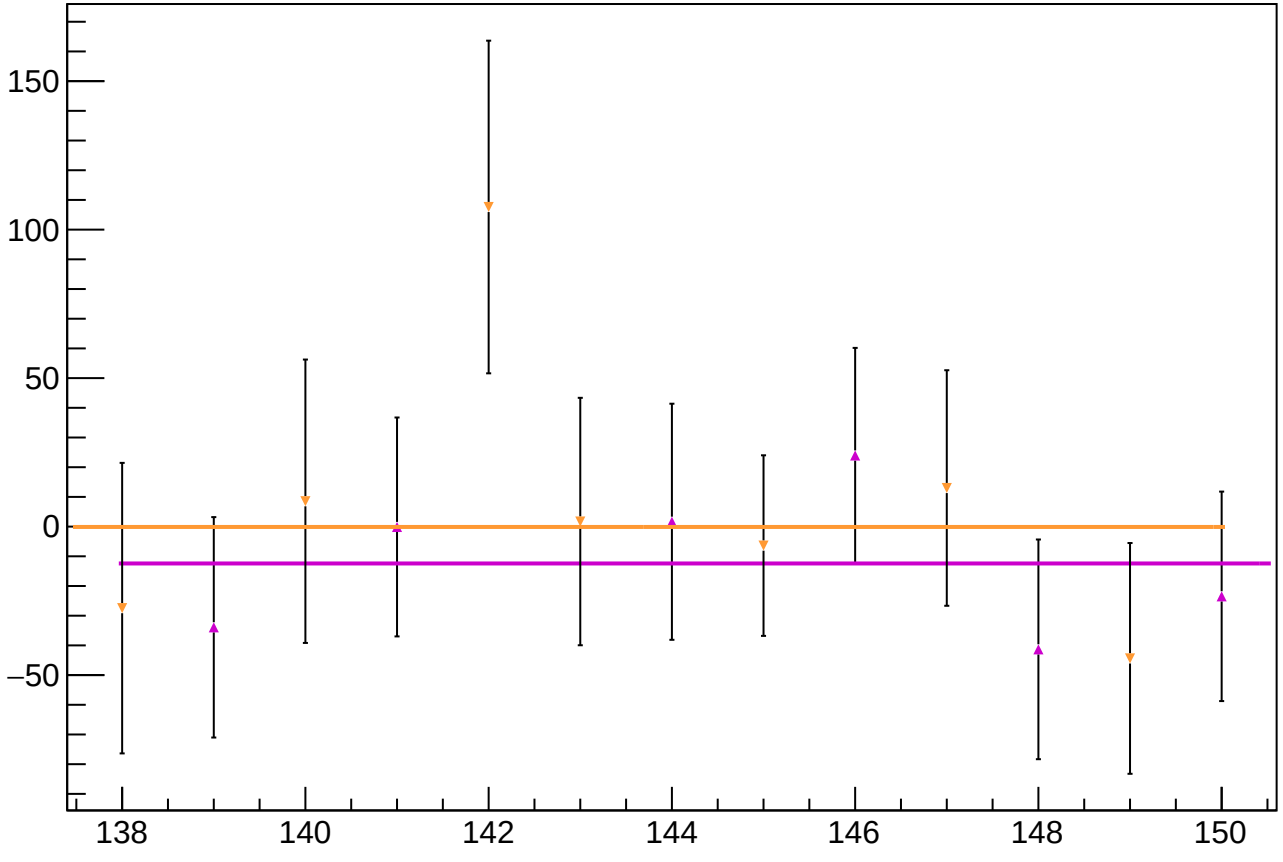
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 702.190+/-0.227 χ^2/NDF:347591.8/5

Out: 707.486+/-0.229 χ^2/NDF:312683.7/6

All: 704.821+/-0.161 χ^2/NDF: 660544.8/12

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: -0.118+/-15.557 χ^2/NDF:5.5/6

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

Left In: -12.413+/-15.090 χ^2/NDF:2.3/5

Left: -6.453+/-10.831 χ^2/NDF: 8.1/12

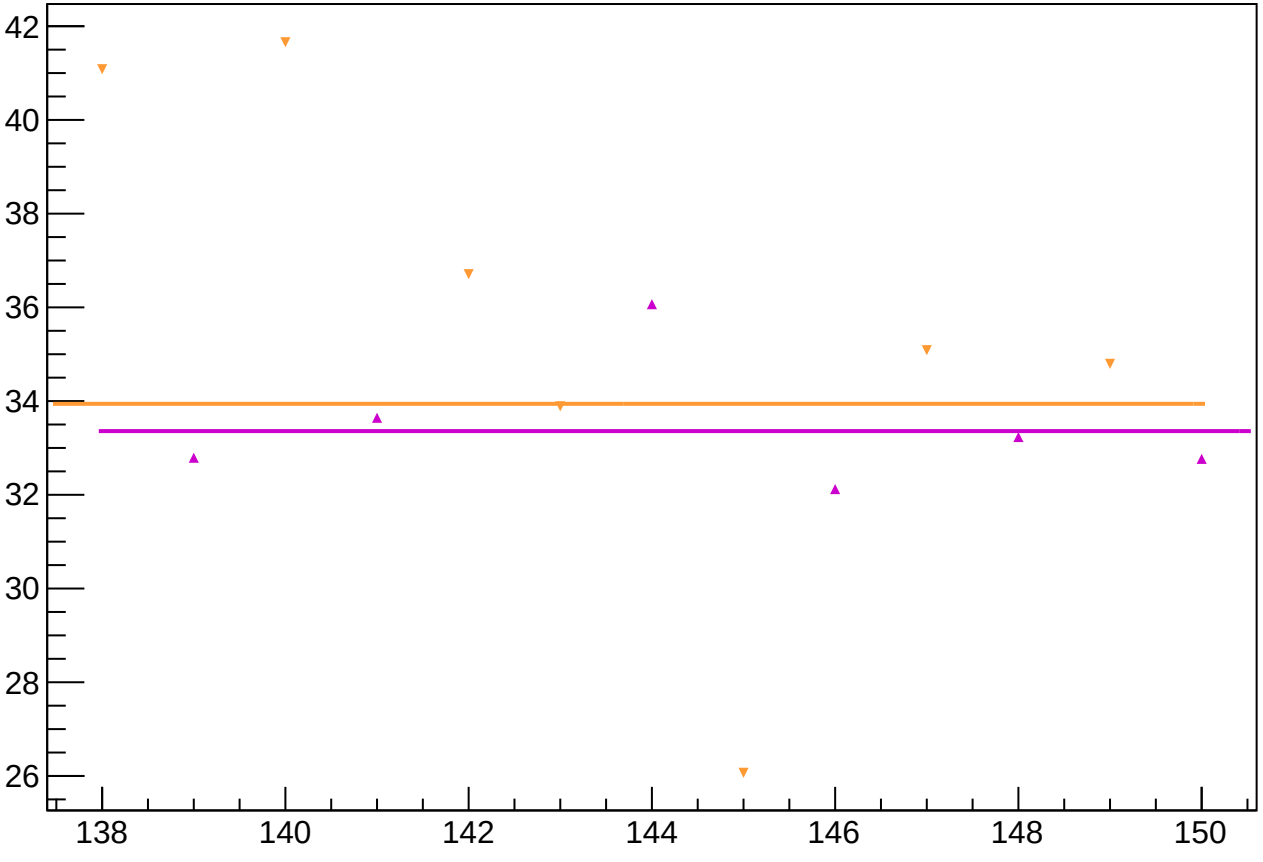
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.413+/-15.090 χ^2/NDF:2.3/5

Out: -0.118+/-15.557 χ^2/NDF:5.5/6

All: -6.453+/-10.831 χ^2/NDF: 8.1/12

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: 33.942+/-0.011 χ^2/NDF:236551.3/6

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

Left In: 33.360+/-0.011 χ^2/NDF:12794.9/5

Left: 33.642+/-0.008 χ^2/NDF: 250788.5/12

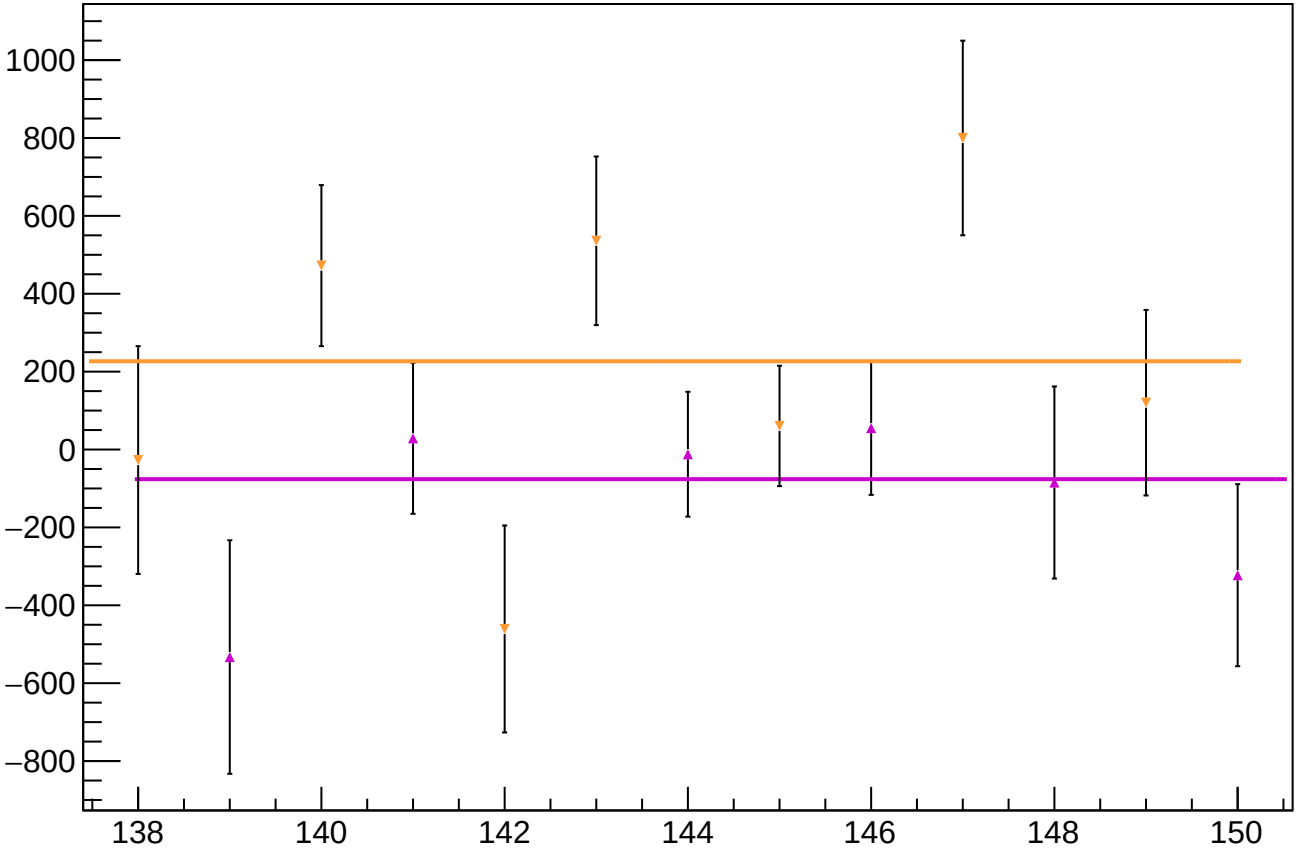
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 33.360+/-0.011 χ^2/NDF:12794.9/5

Out: 33.942+/-0.011 χ^2/NDF:236551.3/6

All: 33.642+/-0.008 χ^2/NDF: 250788.5/12

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: 226.676+/-82.742 χ^2/NDF:17.5/6

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

Left In: -76.068+/-82.936 χ^2/NDF:4.5/5

Left: 75.659+/-58.576 χ^2/NDF: 28.7/12

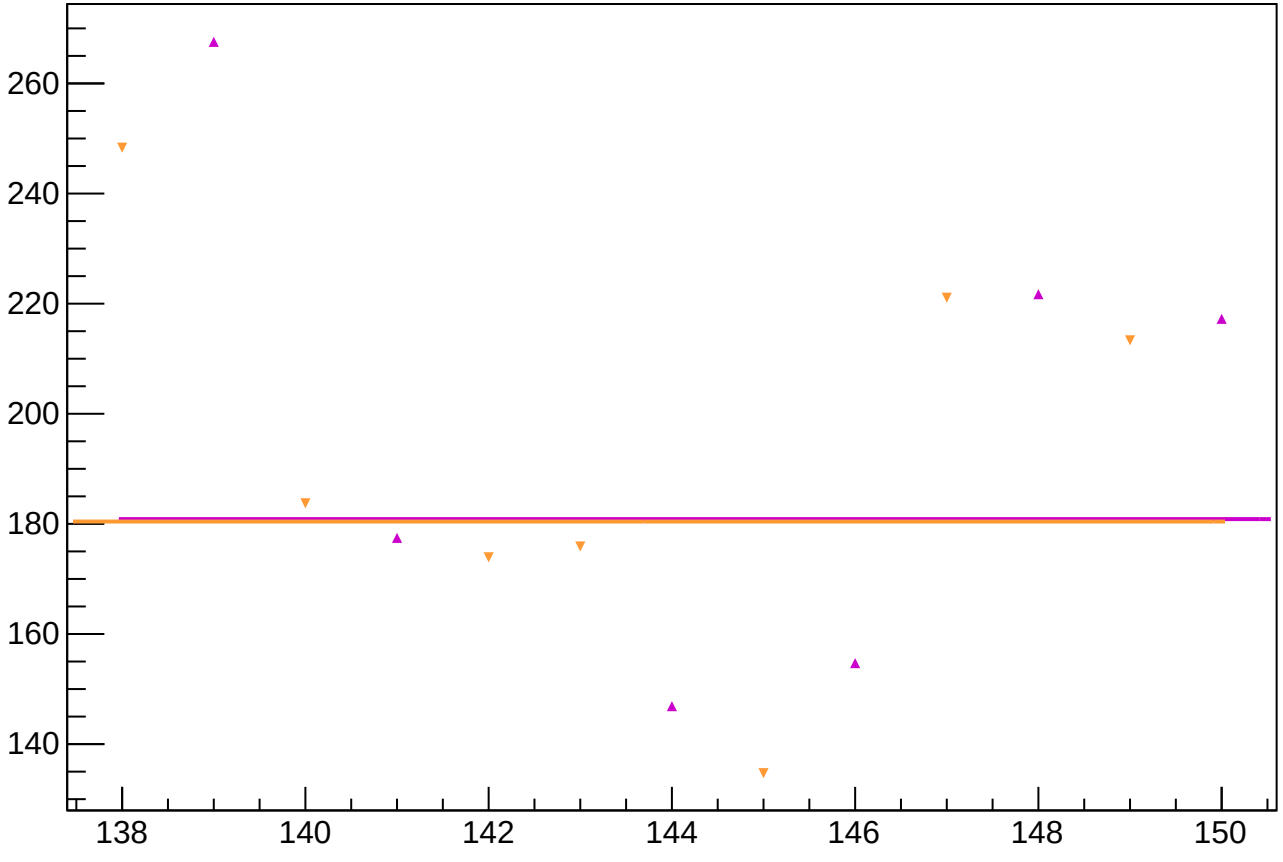
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.068+/-82.936 χ^2/NDF:4.5/5

Out: 226.676+/-82.742 χ^2/NDF:17.5/6

All: 75.659+/-58.576 χ^2/NDF: 28.7/12

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: 180.427+/-0.059 χ^2/NDF:376320.3/6

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

Left In: 180.868+/-0.059 χ^2/NDF:407513.2/5

Left: 180.647+/-0.041 χ^2/NDF: 783861.8/12

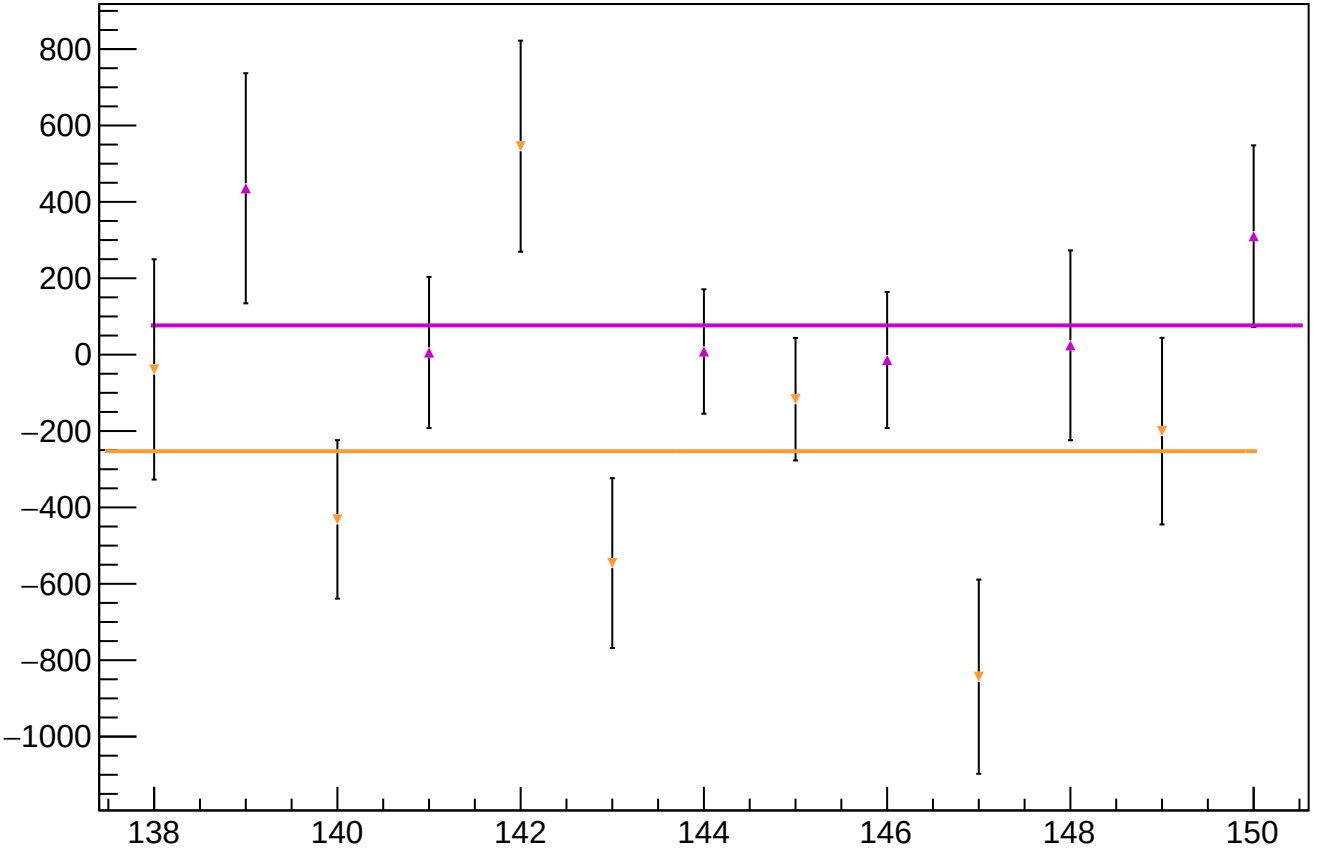
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 180.868+/-0.059 χ^2/NDF:407513.2/5

Out: 180.427+/-0.059 χ^2/NDF:376320.3/6

All: 180.647+/-0.041 χ^2/NDF: 783861.8/12

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -252.840+/-84.606 χ^2/NDF:17.5/6

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

Left In: 76.559+/-84.627 χ^2/NDF:3.0/5

Left: -88.183+/-59.833 χ^2/NDF: 28.1/12

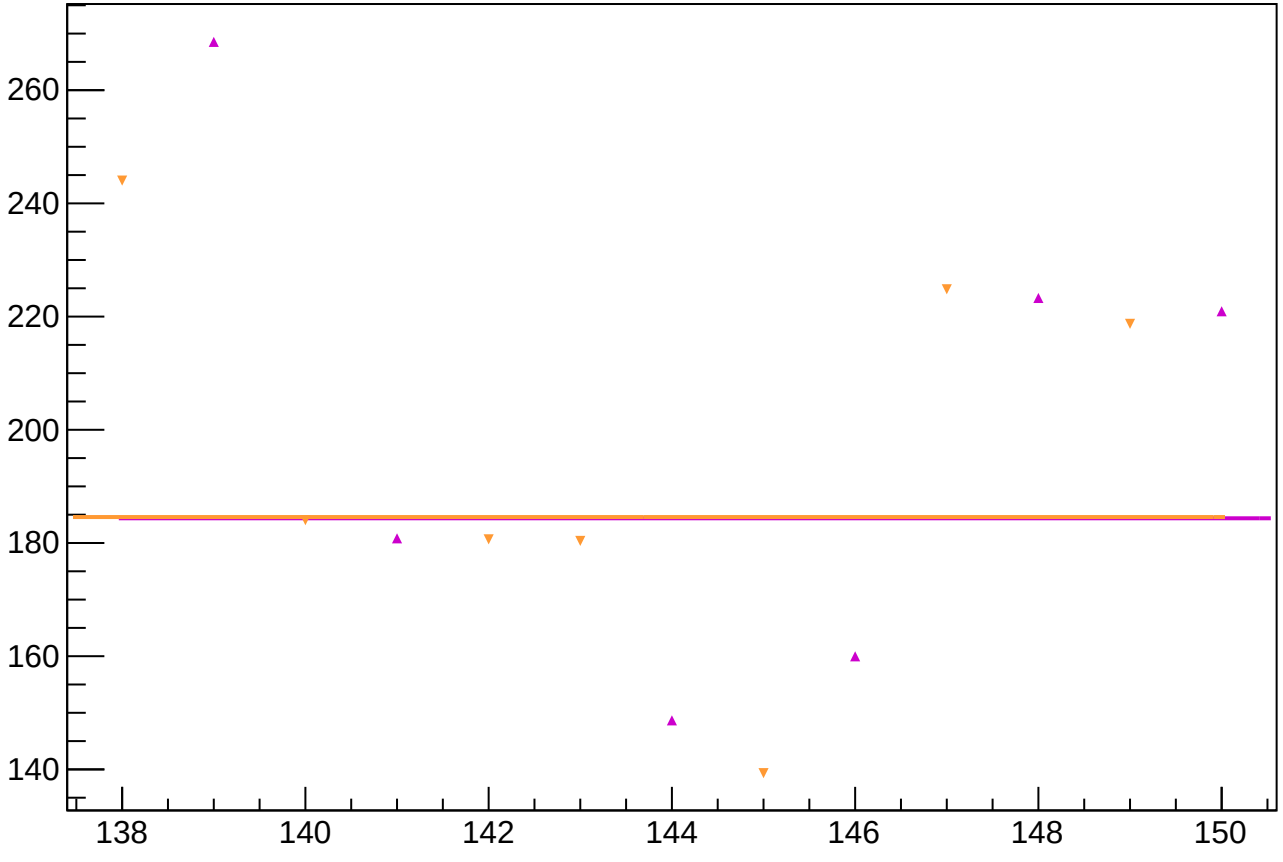
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 76.559+/-84.627 χ^2/NDF:3.0/5

Out: -252.840+/-84.606 χ^2/NDF:17.5/6

All: -88.183+/-59.833 χ^2/NDF: 28.1/12

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 184.584+/-0.060 χ^2/NDF:334455.9/6

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

Left In: 184.364+/-0.060 χ^2/NDF:386672.1/5

Left: 184.474+/-0.042 χ^2/NDF: 721134.8/12

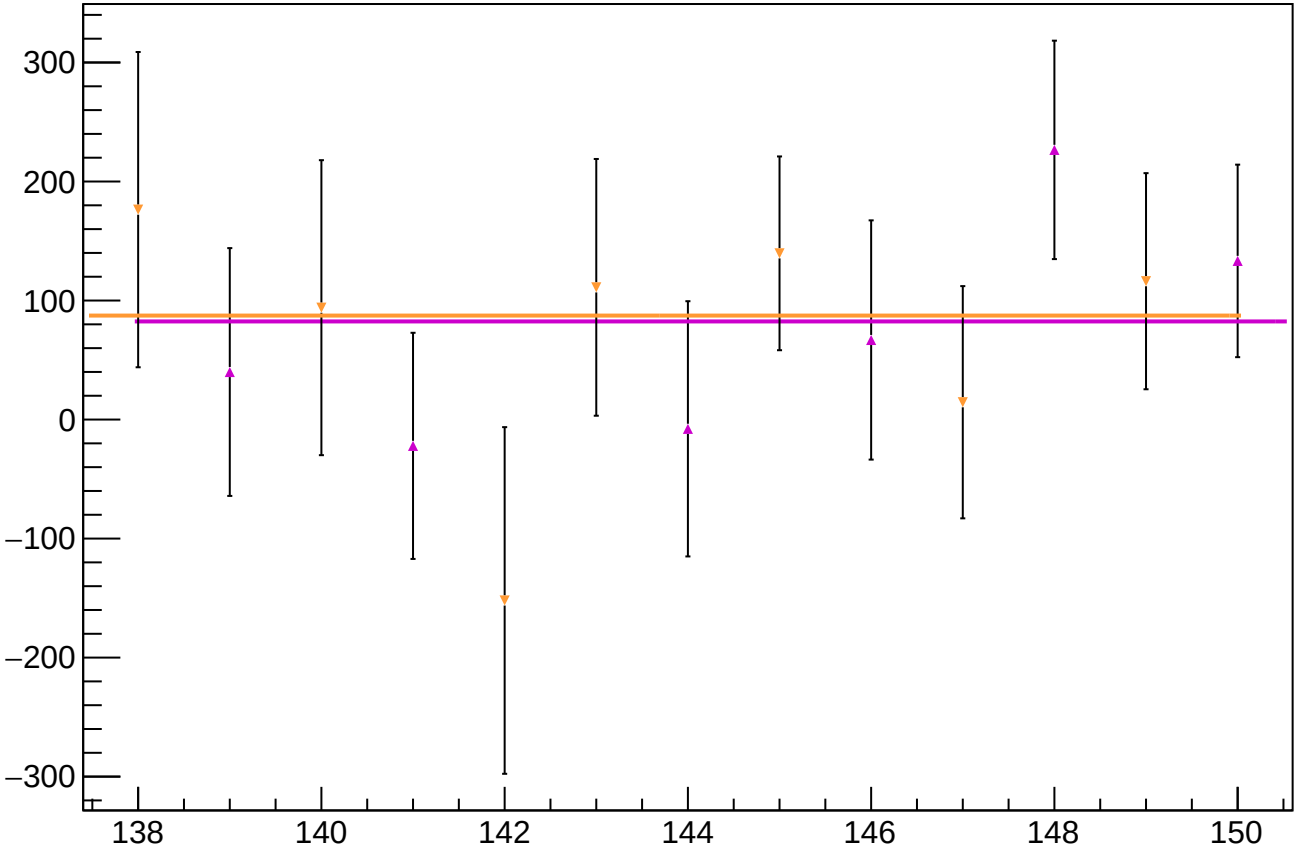
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 184.364+/-0.060 χ^2/NDF:386672.1/5

Out: 184.584+/-0.060 χ^2/NDF:334455.9/6

All: 184.474+/-0.042 χ^2/NDF: 721134.8/12

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 87.369+/-39.762 χ^2/NDF:4.3/6

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

Left In: 82.438+/-38.905 χ^2/NDF:5.0/5

Left: 84.850+/-27.808 χ^2/NDF: 9.3/12

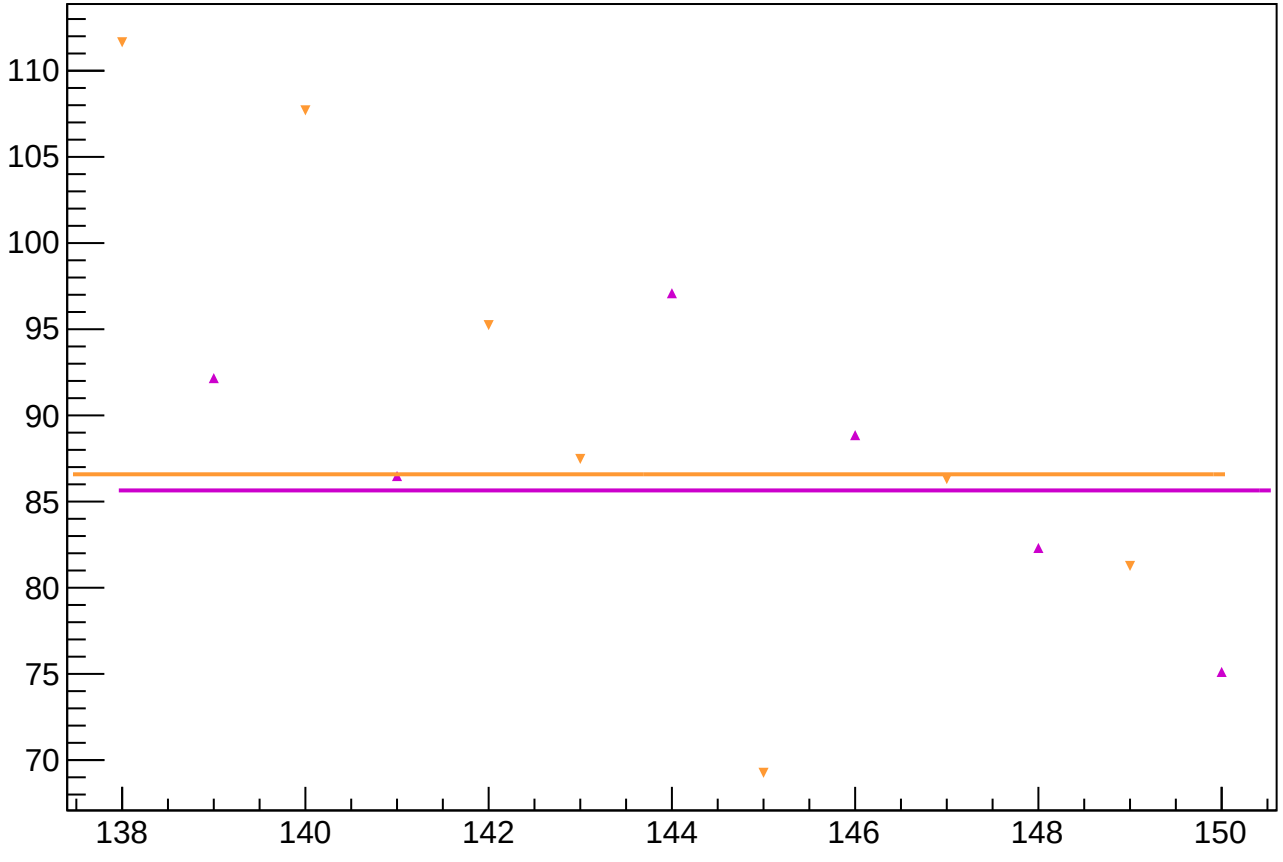
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.438+/-38.905 χ^2/NDF:5.0/5

Out: 87.369+/-39.762 χ^2/NDF:4.3/6

All: 84.850+/-27.808 χ^2/NDF: 9.3/12

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 86.583+/-0.028 χ^2/NDF:234364.1/6

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

Left In: 85.647+/-0.028 χ^2/NDF:69369.2/5

Left: 86.105+/-0.020 χ^2/NDF: 304299.6/12

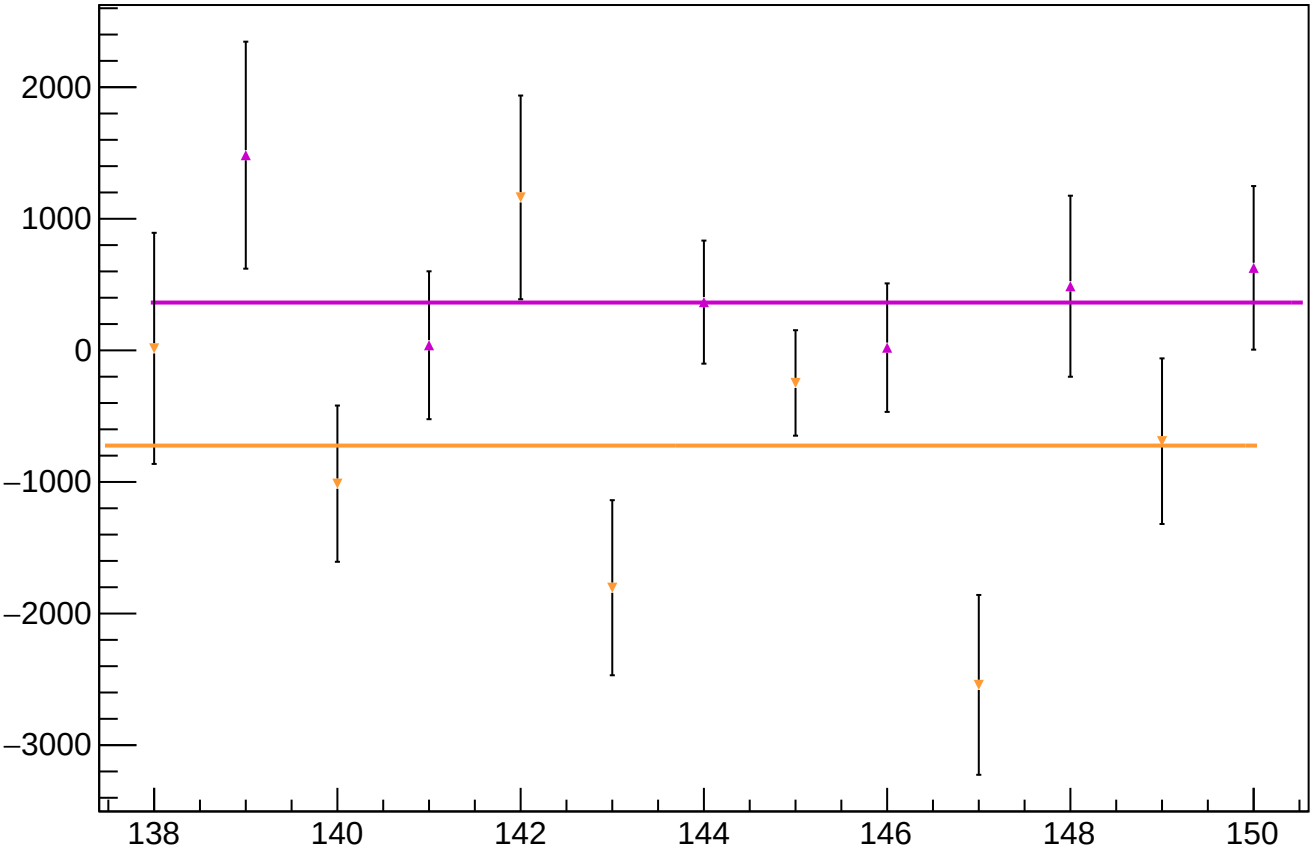
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.647+/-0.028 χ^2/NDF:69369.2/5

Out: 86.583+/-0.028 χ^2/NDF:234364.1/6

All: 86.105+/-0.020 χ^2/NDF: 304299.6/12

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -723.558+/-229.685 χ^2/NDF:18.0/6

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

Left In: 363.435+/-235.841 χ^2/NDF:2.7/5

Left: -194.432+/-164.545 χ^2/NDF: 31.6/12

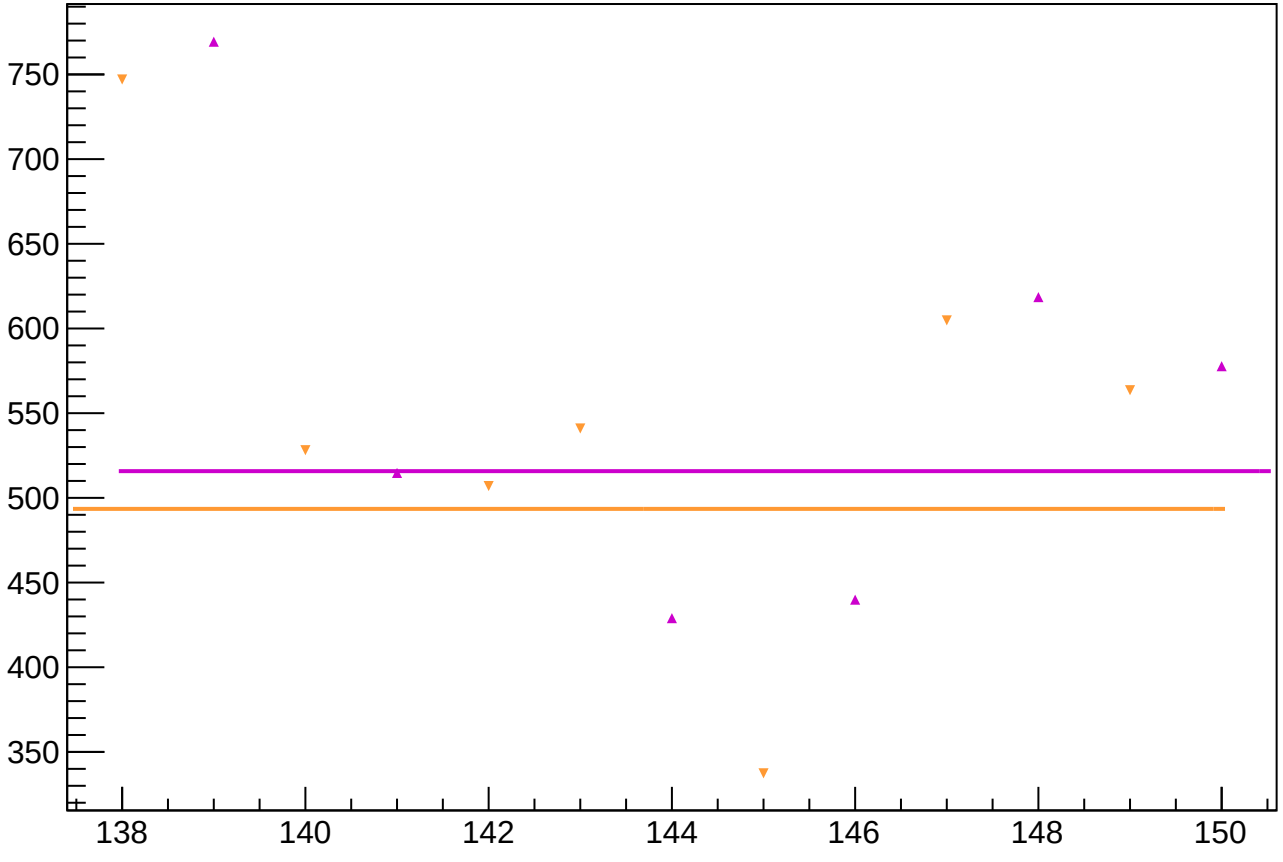
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 363.435+/-235.841 χ^2/NDF:2.7/5

Out: -723.558+/-229.685 χ^2/NDF:18.0/6

All: -194.432+/-164.545 χ^2/NDF: 31.6/12

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 493.499+/-0.162 χ^2/NDF:565696.3/6

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

Left In: 515.778+/-0.167 χ^2/NDF:354505.3/5

Left: 504.344+/-0.116 χ^2/NDF: 929361.5/12

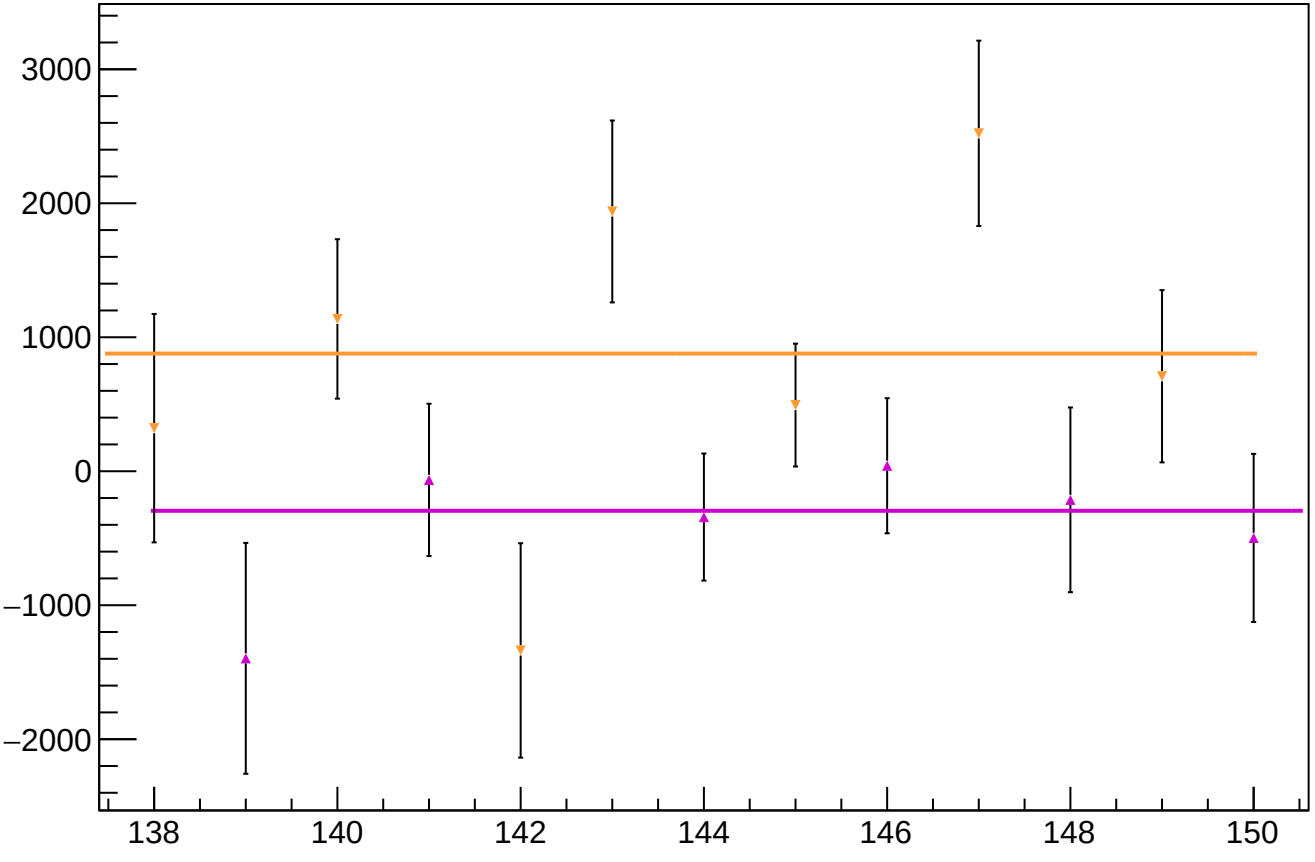
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 515.778+/-0.167 χ^2/NDF:354505.3/5

Out: 493.499+/-0.162 χ^2/NDF:565696.3/6

All: 504.344+/-0.116 χ^2/NDF: 929361.5/12

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 878.158+/-241.113 χ^2/NDF:17.1/6

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

Left In: -295.103+/-239.267 χ^2/NDF:2.4/5

Left: 287.018+/-169.836 χ^2/NDF: 31.4/12

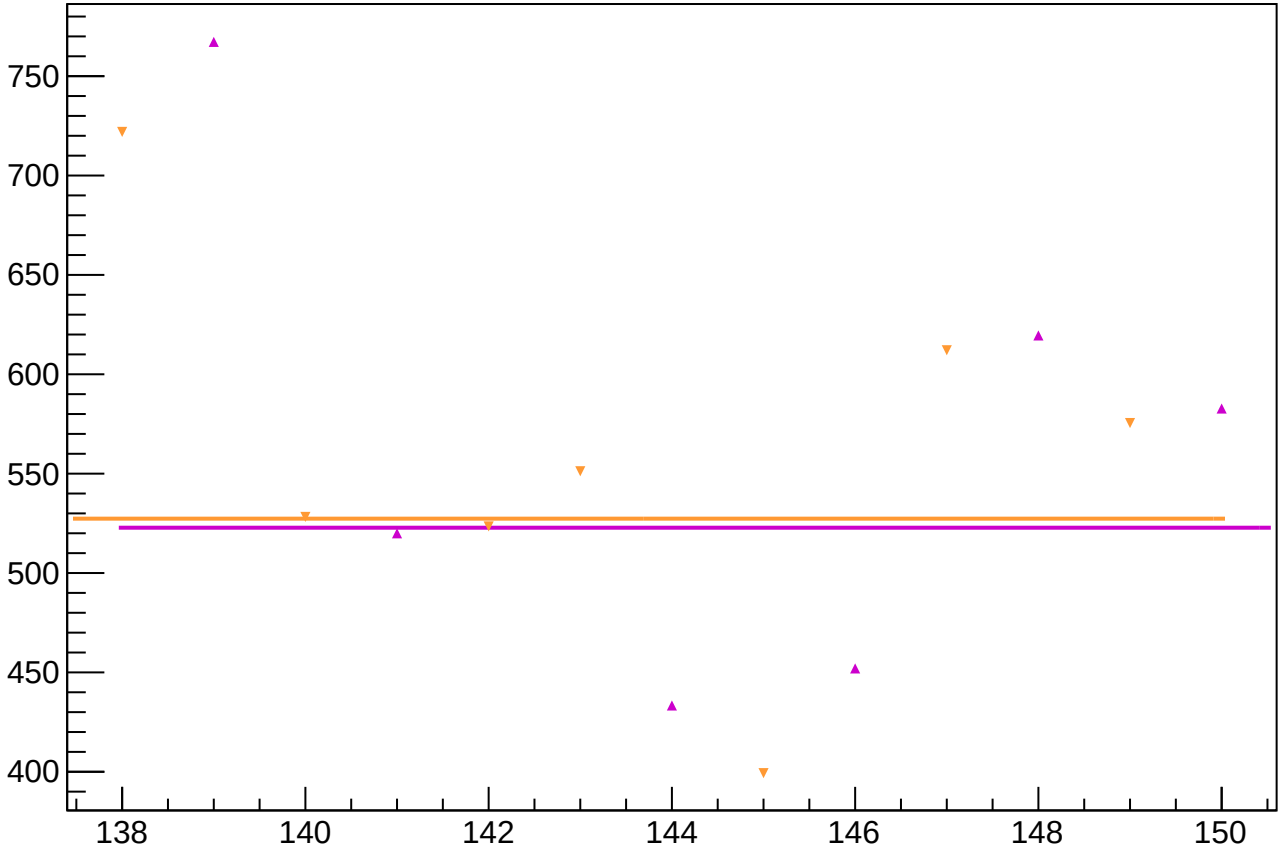
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -295.103+/-239.267 χ^2/NDF:2.4/5

Out: 878.158+/-241.113 χ^2/NDF:17.1/6

All: 287.018+/-169.836 χ^2/NDF: 31.4/12

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 527.357+/-0.170 χ^2/NDF:304003.8/6

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

Left In: 522.799+/-0.169 χ^2/NDF:329250.5/5

Left: 525.061+/-0.120 χ^2/NDF: 633614.3/12

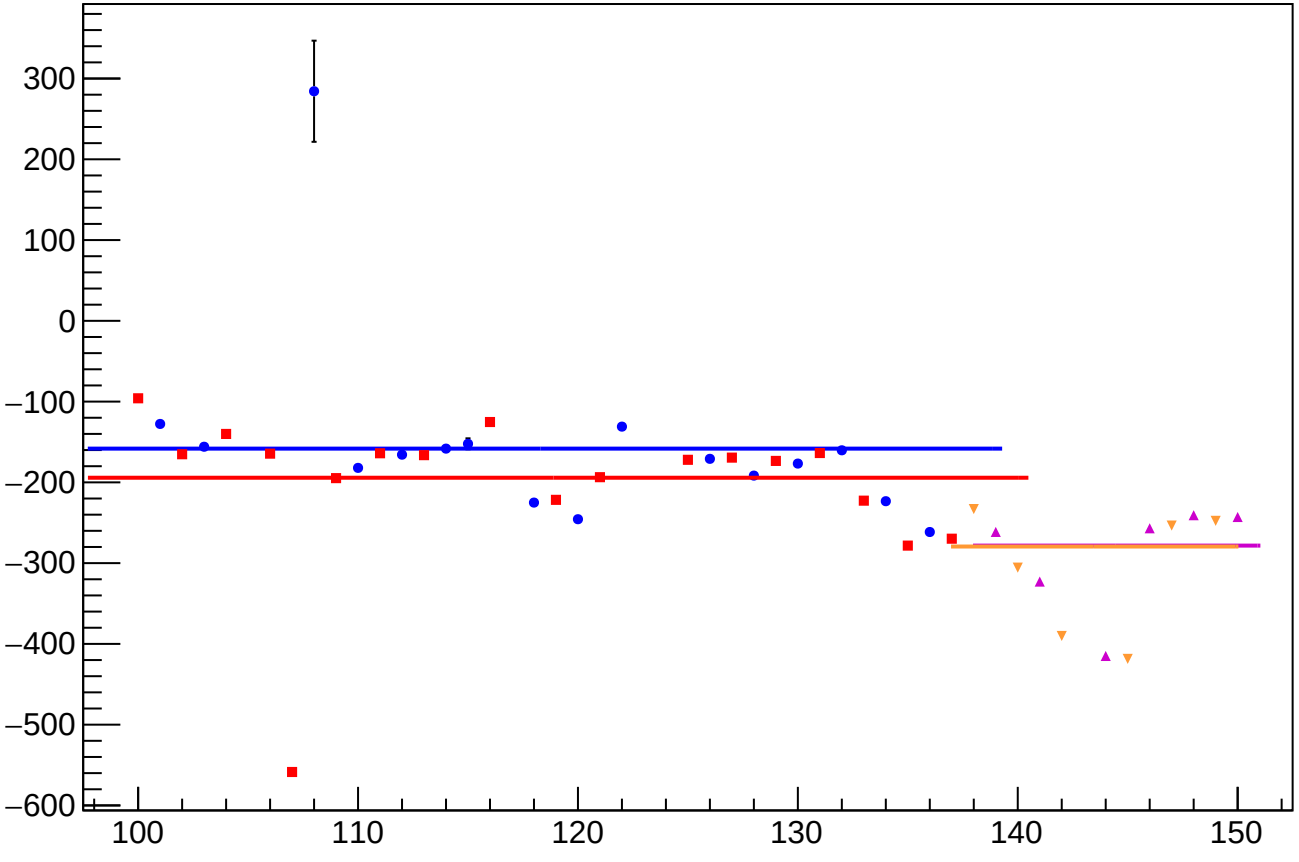
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 522.799+/-0.169 χ^2/NDF:329250.5/5

Out: 527.357+/-0.170 χ^2/NDF:304003.8/6

All: 525.061+/-0.120 χ^2/NDF: 633614.3/12

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -279.440+/-0.339 χ^2/NDF:20473.2/5

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -278.295+/-0.246 χ^2/NDF:37947.9/5

Left: -278.690+/-0.199 χ^2/NDF: 58428.6/11

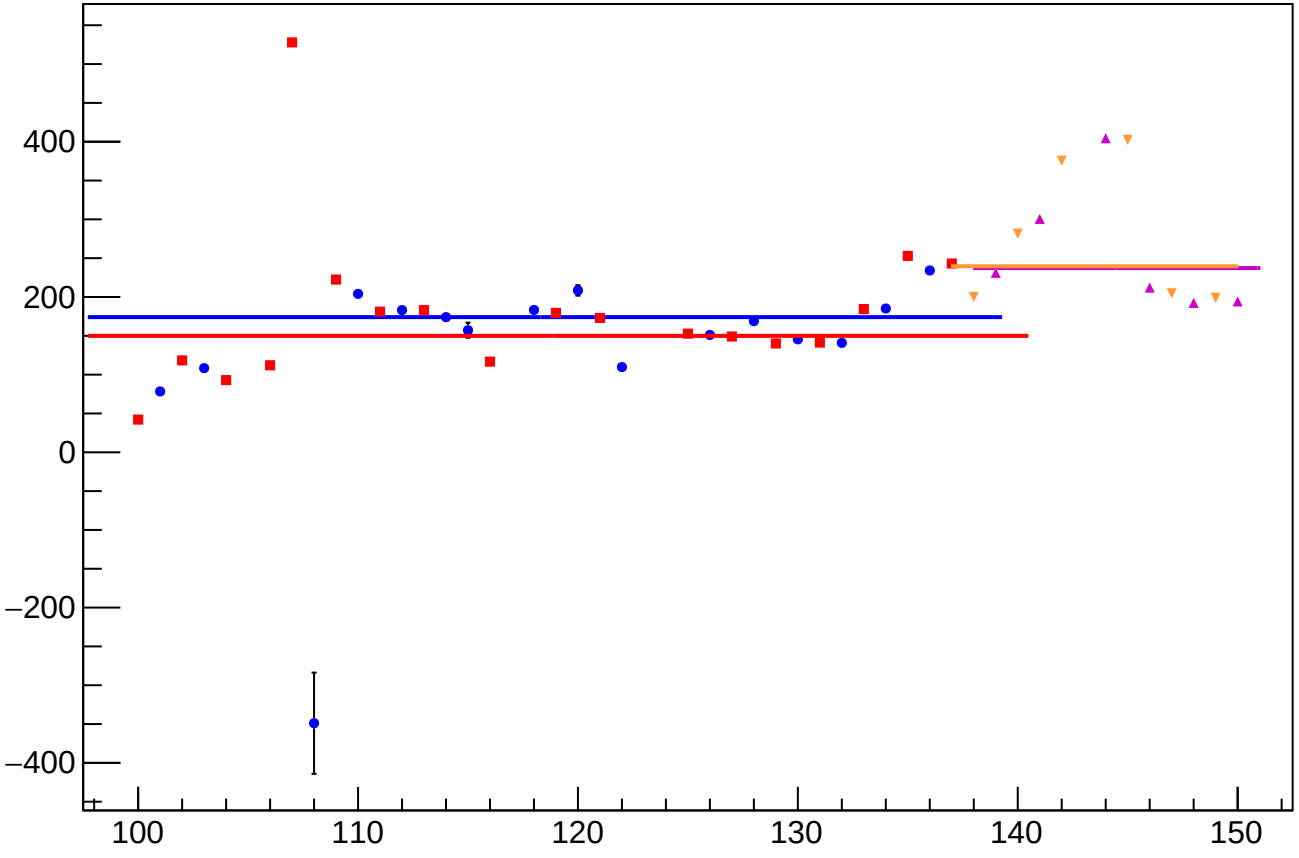
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:394196.9/21

Out: -210.642+/-0.148 χ^2/NDF:248170.6/23

All: -158.222+/-0.000 χ^2/NDF: 767106.2/45

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 239.588+/-0.353 χ^2/NDF:25951.4/5

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 237.256+/-0.252 χ^2/NDF:53553.1/5

Left: 238.042+/-0.205 χ^2/NDF: 79533.4/11

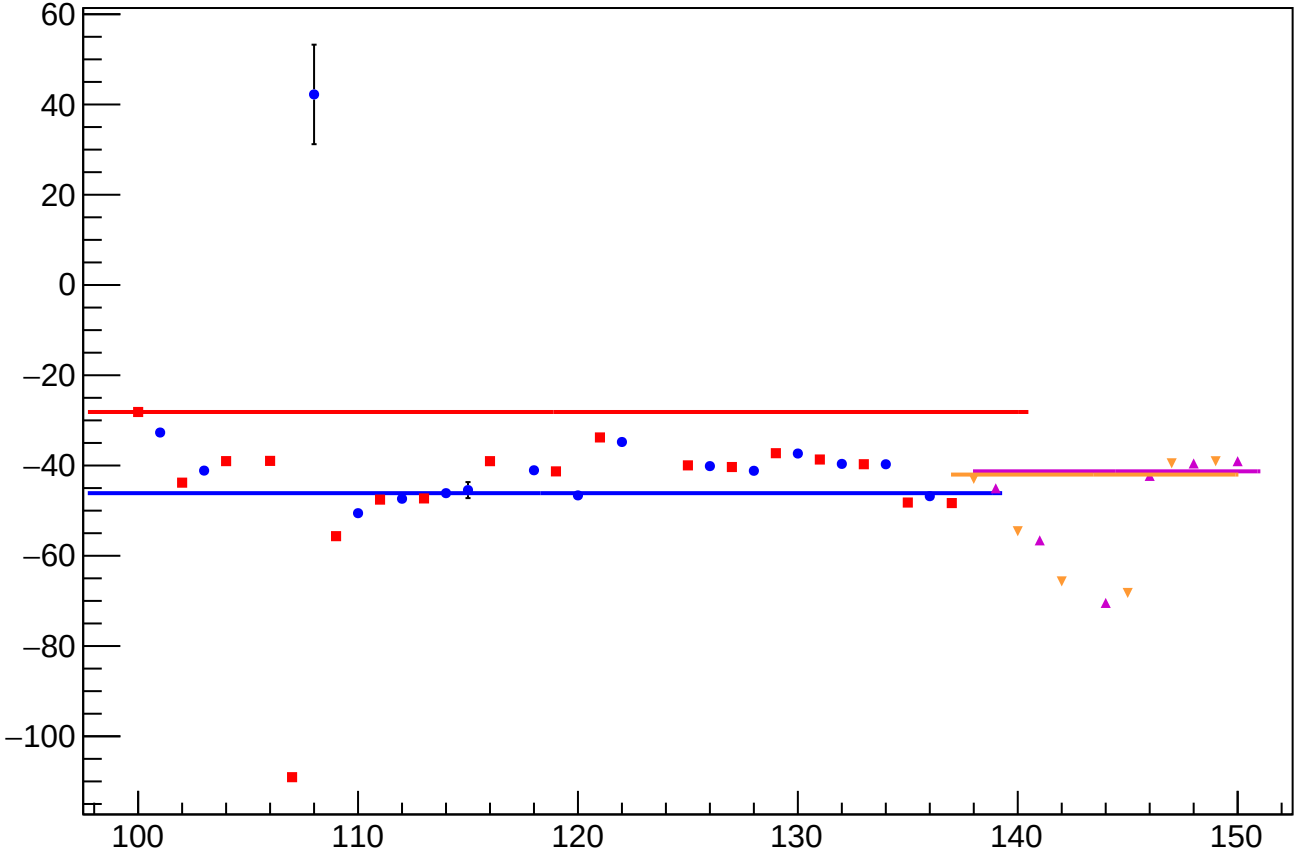
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:169977.3/21

Out: 170.996+/-0.171 χ^2/NDF:243142.1/23

All: 174.085+/-0.000 χ^2/NDF: 413445.6/45

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -42.006+/-0.014 χ^2/NDF:72687.1/5

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -41.290+/-0.015 χ^2/NDF:151173.2/5

Left: -41.676+/-0.010 χ^2/NDF: 225057.9/11

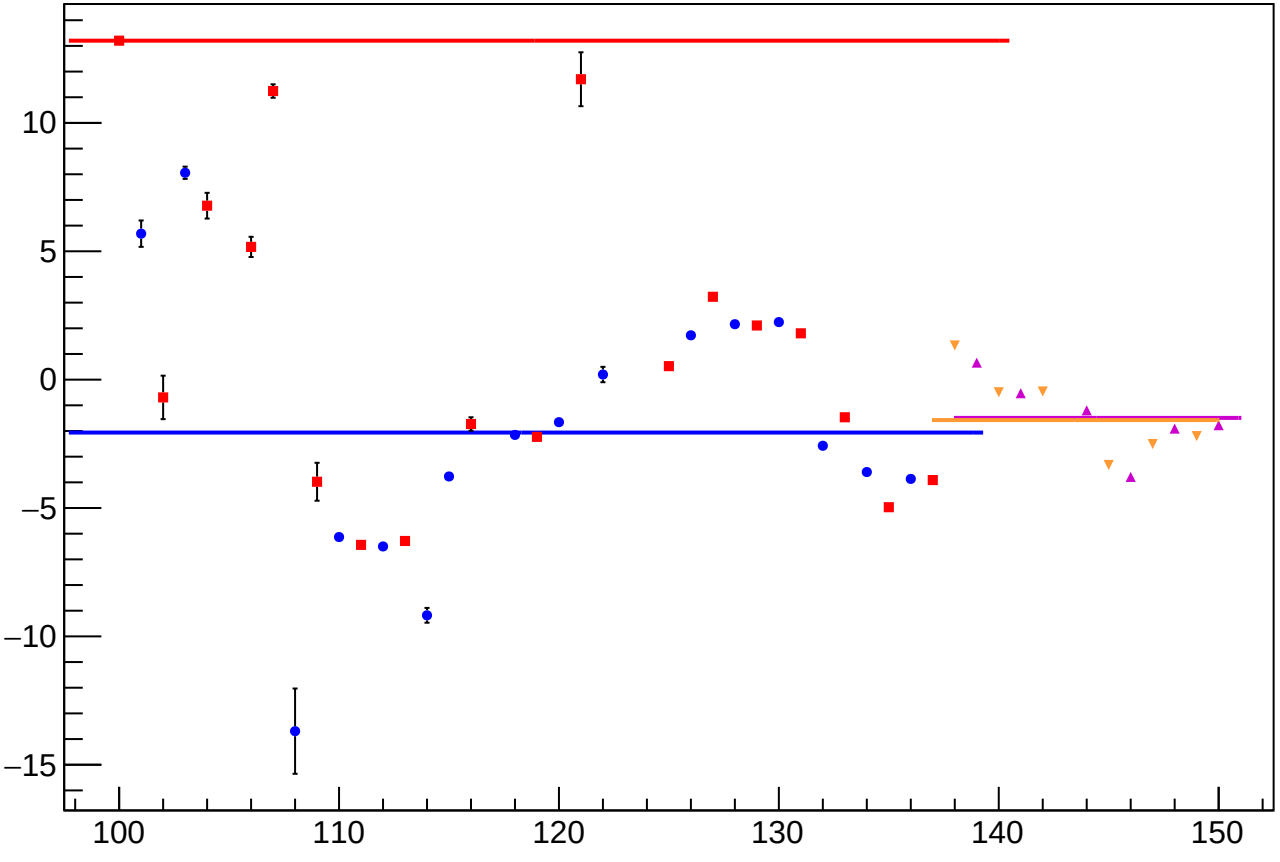
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:453595.9/21

Out: -28.139+/-0.000 χ^2/NDF:1794455.6/23

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.575+/-0.015 χ^2/NDF:6909.4/5

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.490+/-0.011 χ^2/NDF:6077.0/5

Left: -1.520+/-0.009 χ^2/NDF: 13006.5/11

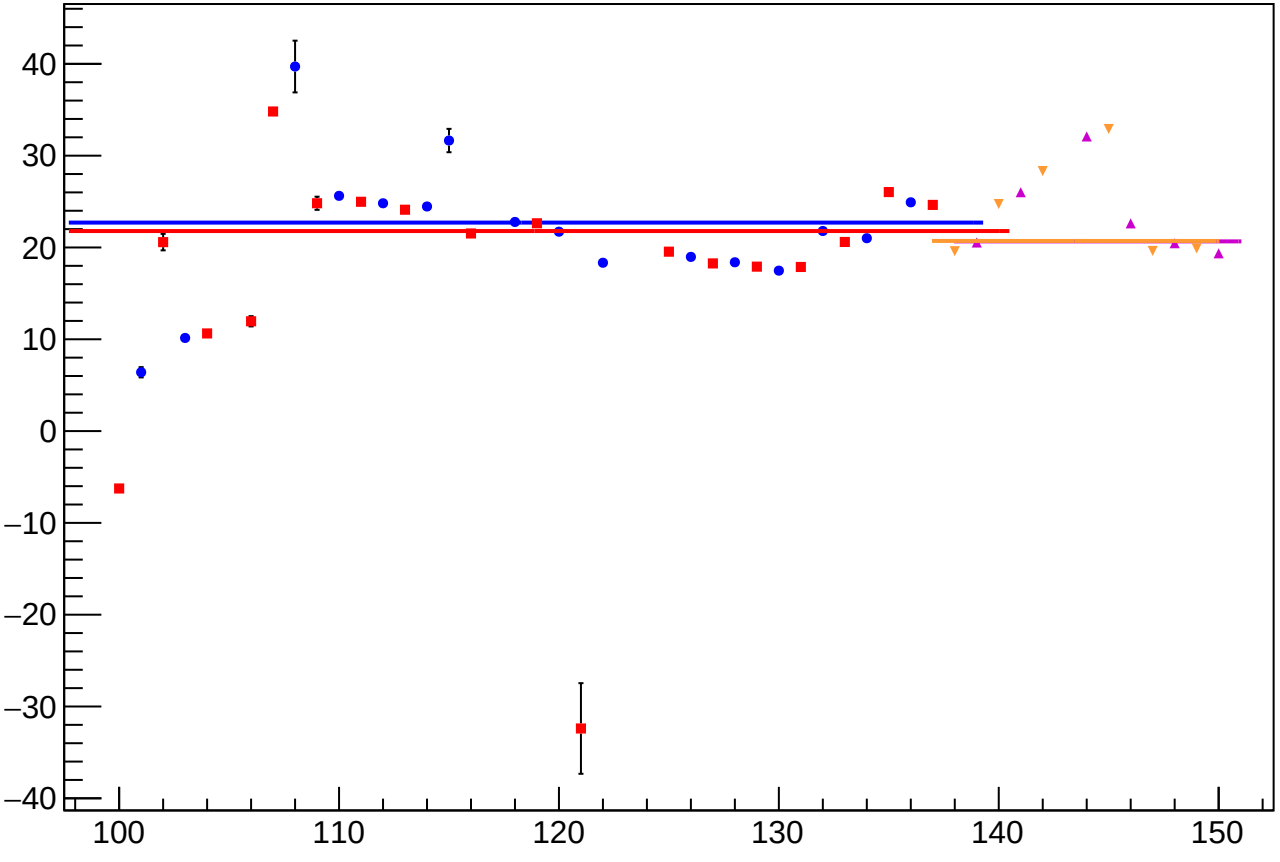
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.655+/-0.010 χ^2/NDF:32473.2/21

Out: 13.204+/-0.000 χ^2/NDF:1447582.7/23

All: 13.204+/-0.000 χ^2/NDF: 3889024.3/45

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.712+/-0.022 χ^2/NDF:12173.5/5

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.665+/-0.016 χ^2/NDF:25718.0/5

Left: 20.681+/-0.013 χ^2/NDF: 37894.4/11

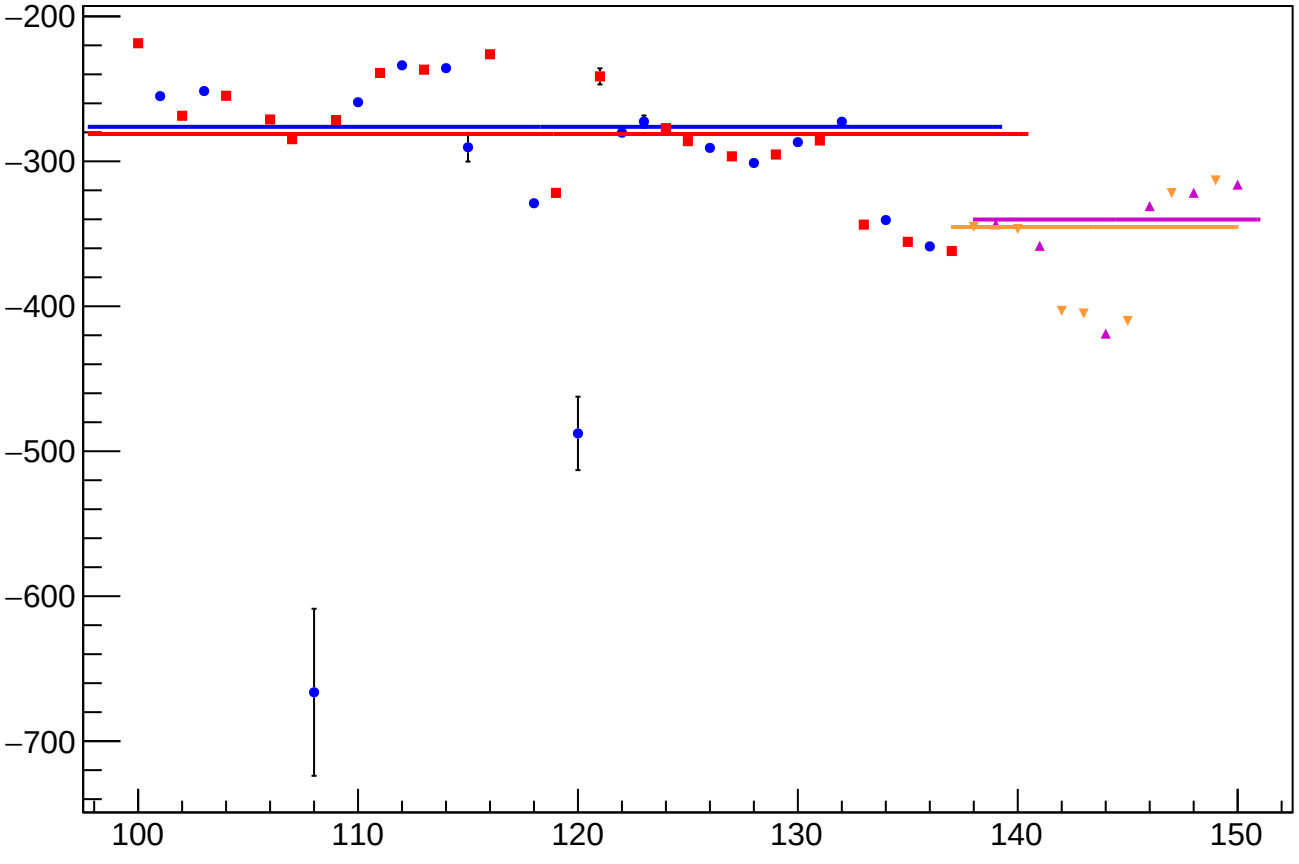
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 21.556+/-0.012 χ^2/NDF:55201.1/21

Out: 21.275+/-0.016 χ^2/NDF:40045.4/23

All: 21.447+/-0.010 χ^2/NDF: 95447.3/45

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -345.315+/-0.226 χ^2/NDF:19707.7/6

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -340.148+/-0.166 χ^2/NDF:25974.3/5

Left: -341.966+/-0.134 χ^2/NDF: 46021.6/12

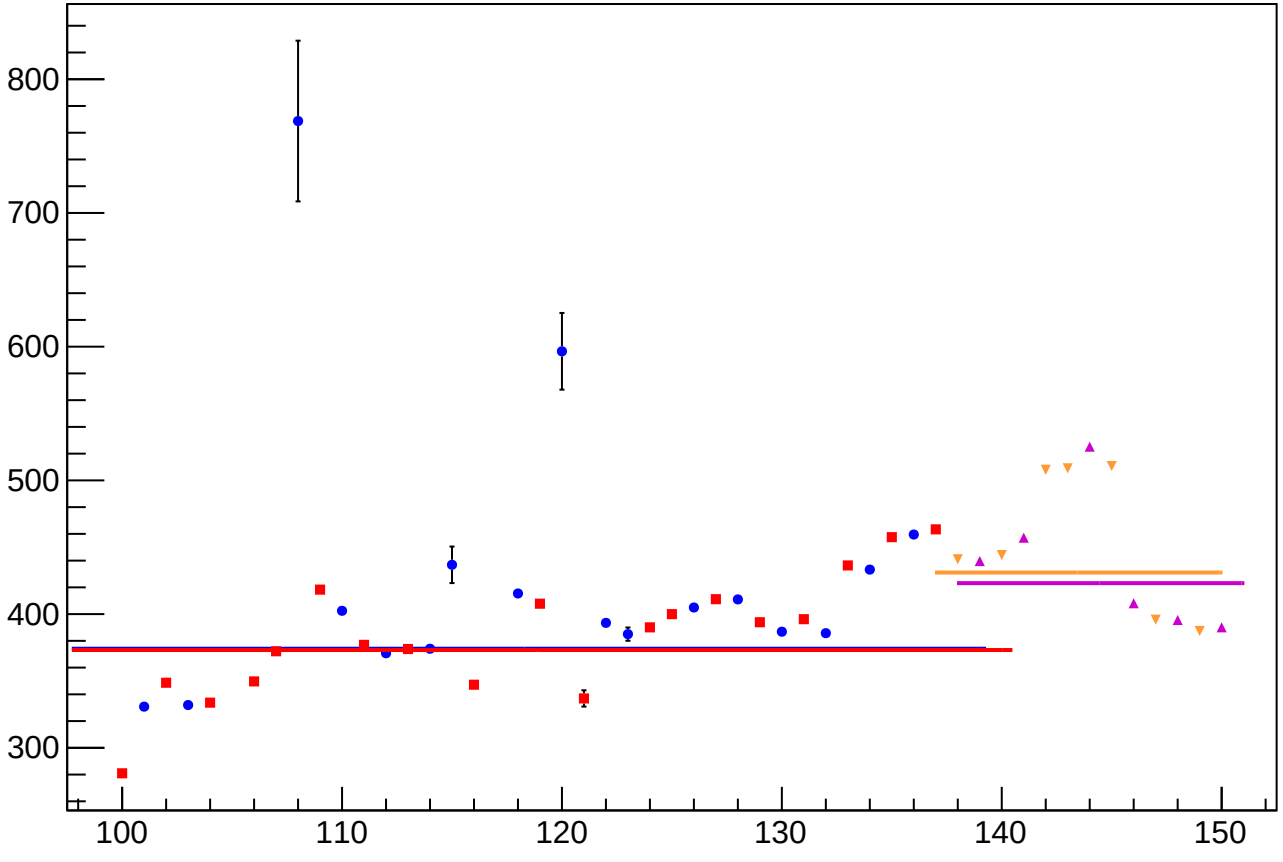
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -308.216+/-0.118 χ^2/NDF:157871.3/22

Out: -300.358+/-0.124 χ^2/NDF:153926.4/25

All: -304.476+/-0.085 χ^2/NDF: 313919.2/48

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 431.098+/-0.233 χ^2/NDF:34671.2/6

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 423.147+/-0.170 χ^2/NDF:44814.5/5

Left: 425.923+/-0.138 χ^2/NDF: 80245.3/12

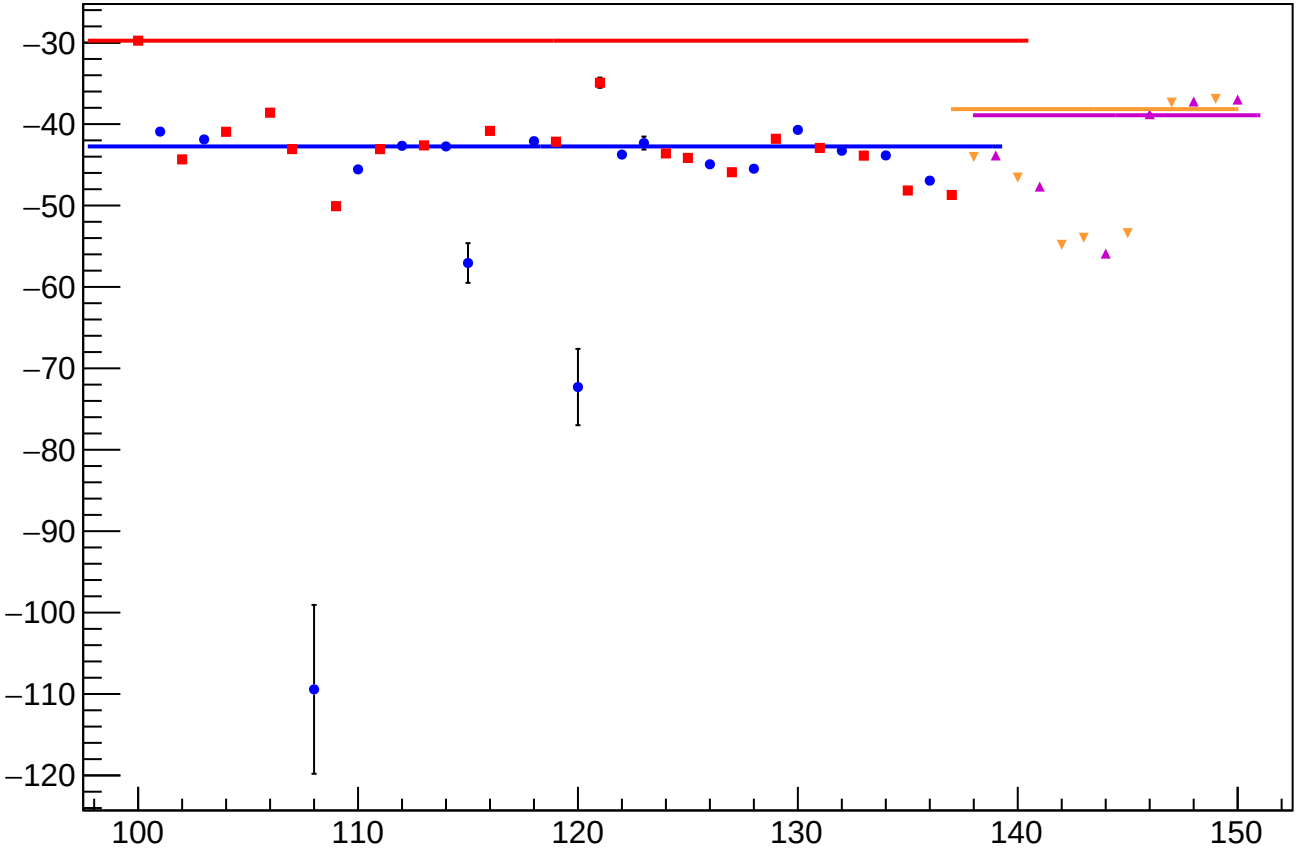
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:162668.3/22

Out: 391.412+/-0.131 χ^2/NDF:185358.4/25

All: 374.094+/-0.000 χ^2/NDF: 365586.3/48

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -38.160+/-0.007 χ^2/NDF:238278.4/6

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.914+/-0.010 χ^2/NDF:130647.5/5

Left: -38.409+/-0.006 χ^2/NDF: 372710.0/12

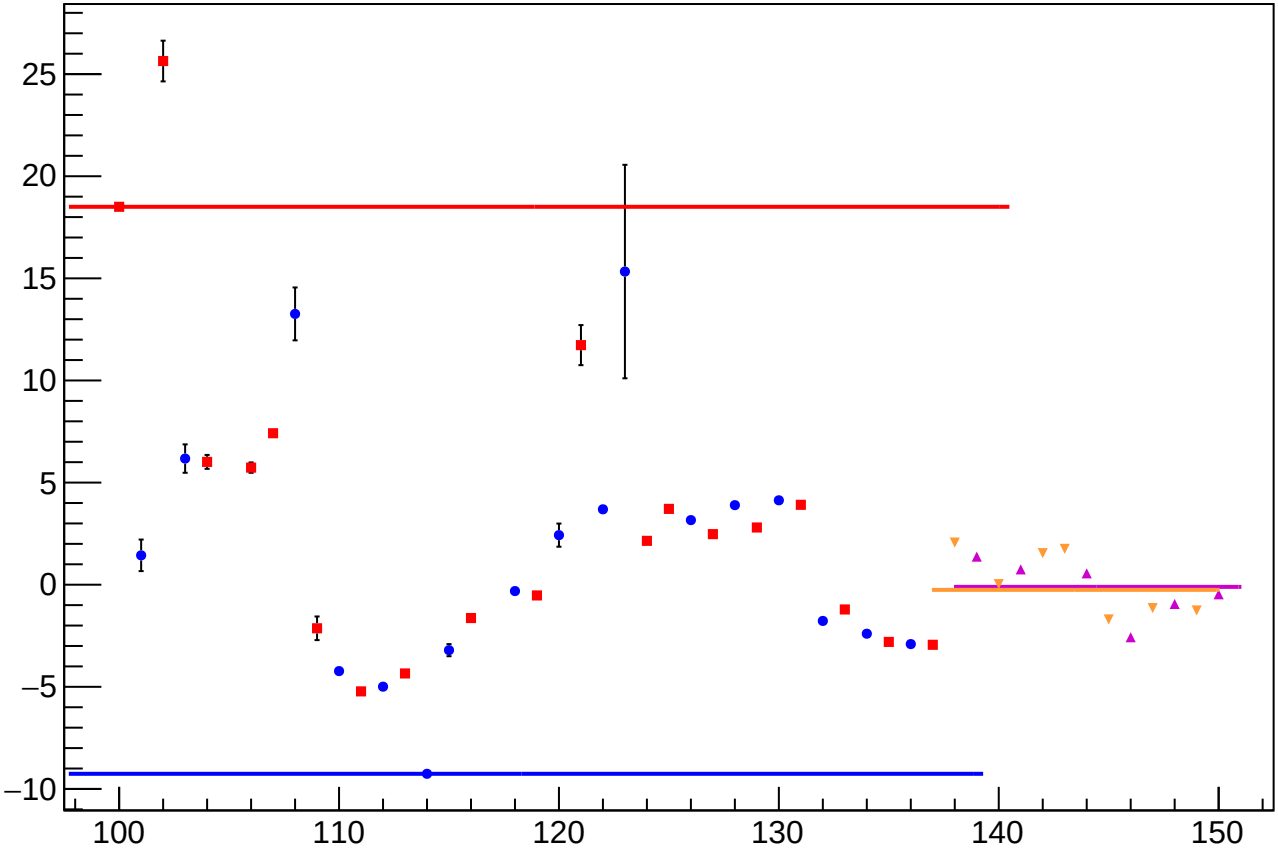
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:289774.1/22

Out: -29.754+/-0.000 χ^2/NDF:2151127.4/25

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: -0.252+/-0.012 χ^2/NDF:10699.0/6

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -0.106+/-0.013 χ^2/NDF:6399.7/5

Left: -0.184+/-0.009 χ^2/NDF: 17165.5/12

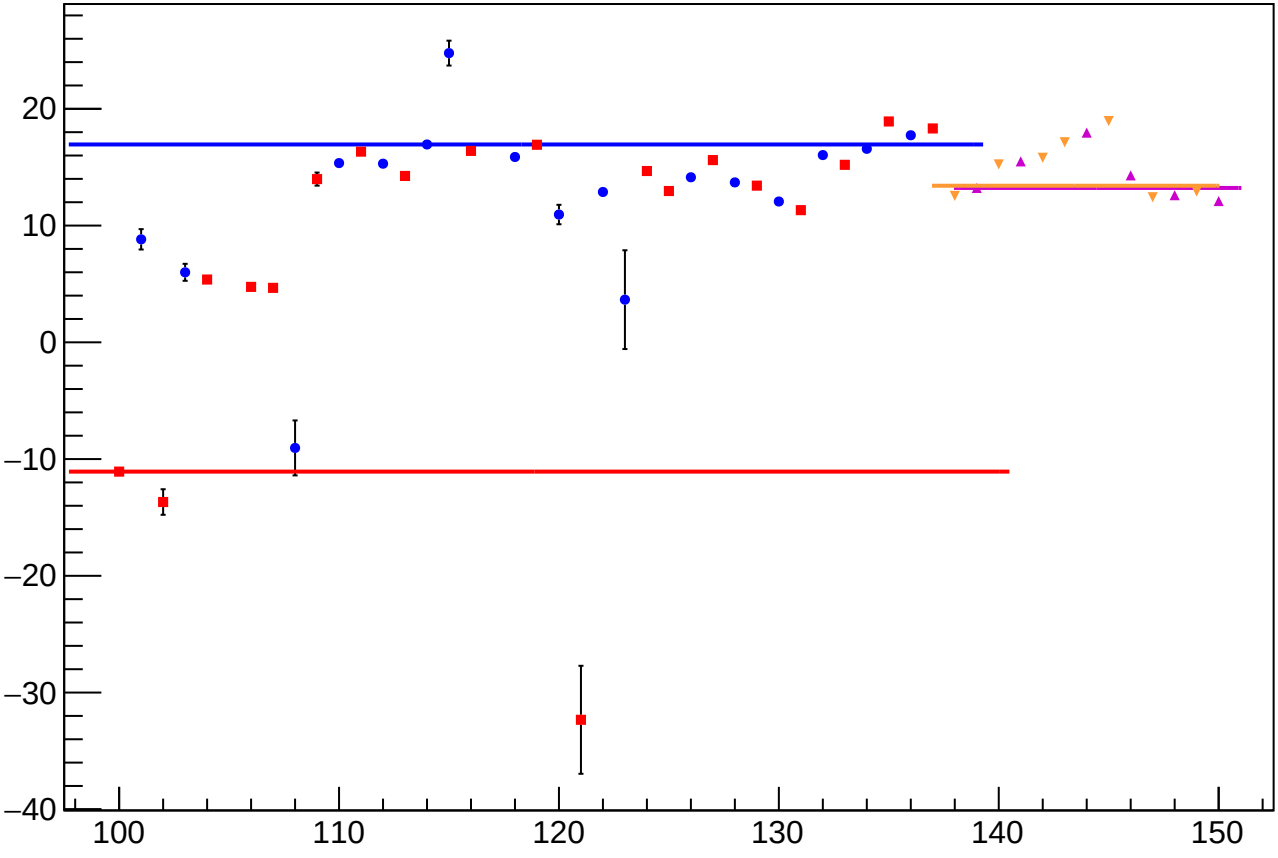
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:902961.5/22

Out: 18.504+/-0.000 χ^2/NDF:9720271.4/25

All: 6.039+/-0.000 χ^2/NDF: 16450574505955

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 13.413+/-0.014 χ^2/NDF:12098.8/6

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 13.223+/-0.016 χ^2/NDF:8638.0/5

Left: 13.331+/-0.010 χ^2/NDF: 20821.1/12

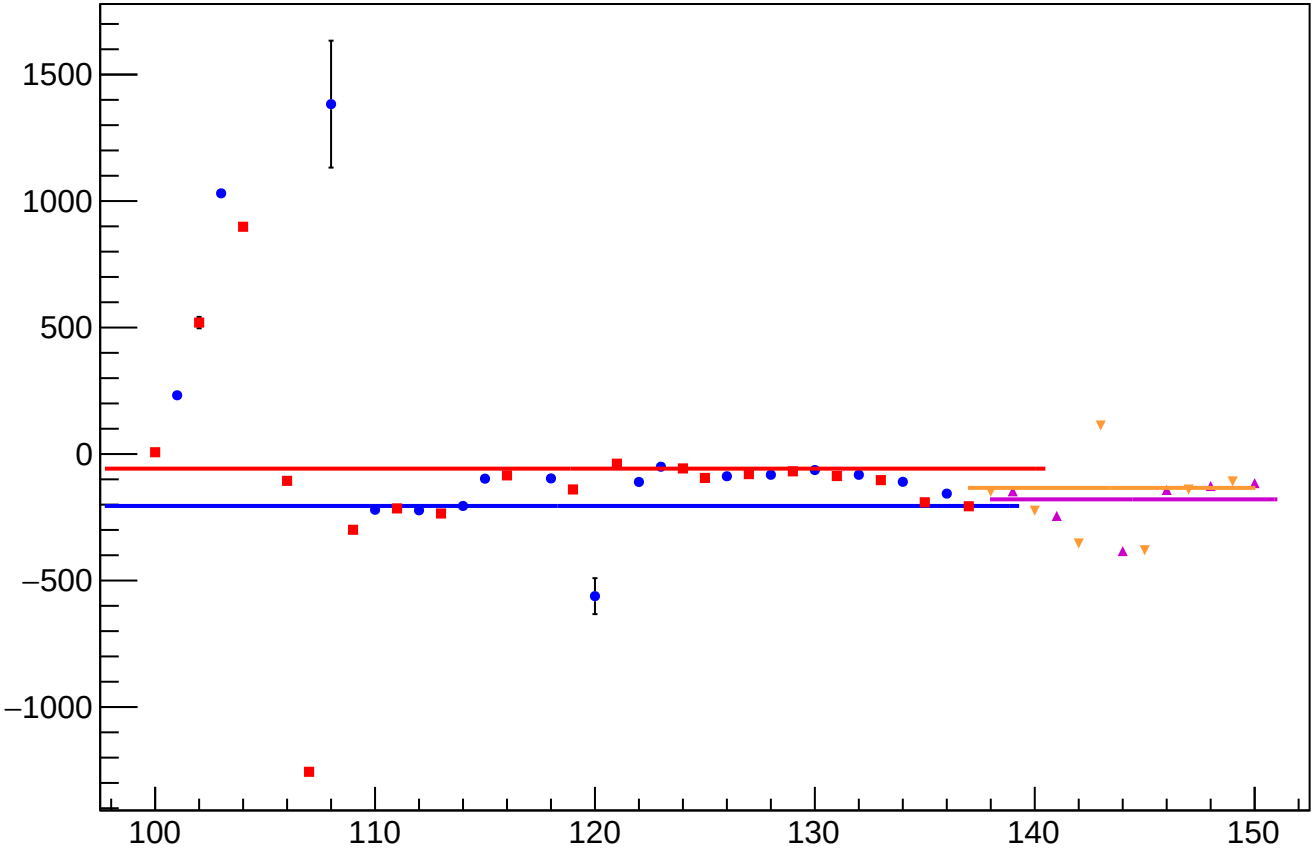
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:77038.6/22

Out: -11.075+/-0.000 χ^2/NDF:6011423.2/25

All: -2.268+/-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: -133.811+/-0.424 χ^2/NDF:41875.9/6

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -179.074+/-0.480 χ^2/NDF:34383.6/5

Left: -153.640+/-0.318 χ^2/NDF: 81257.5/12

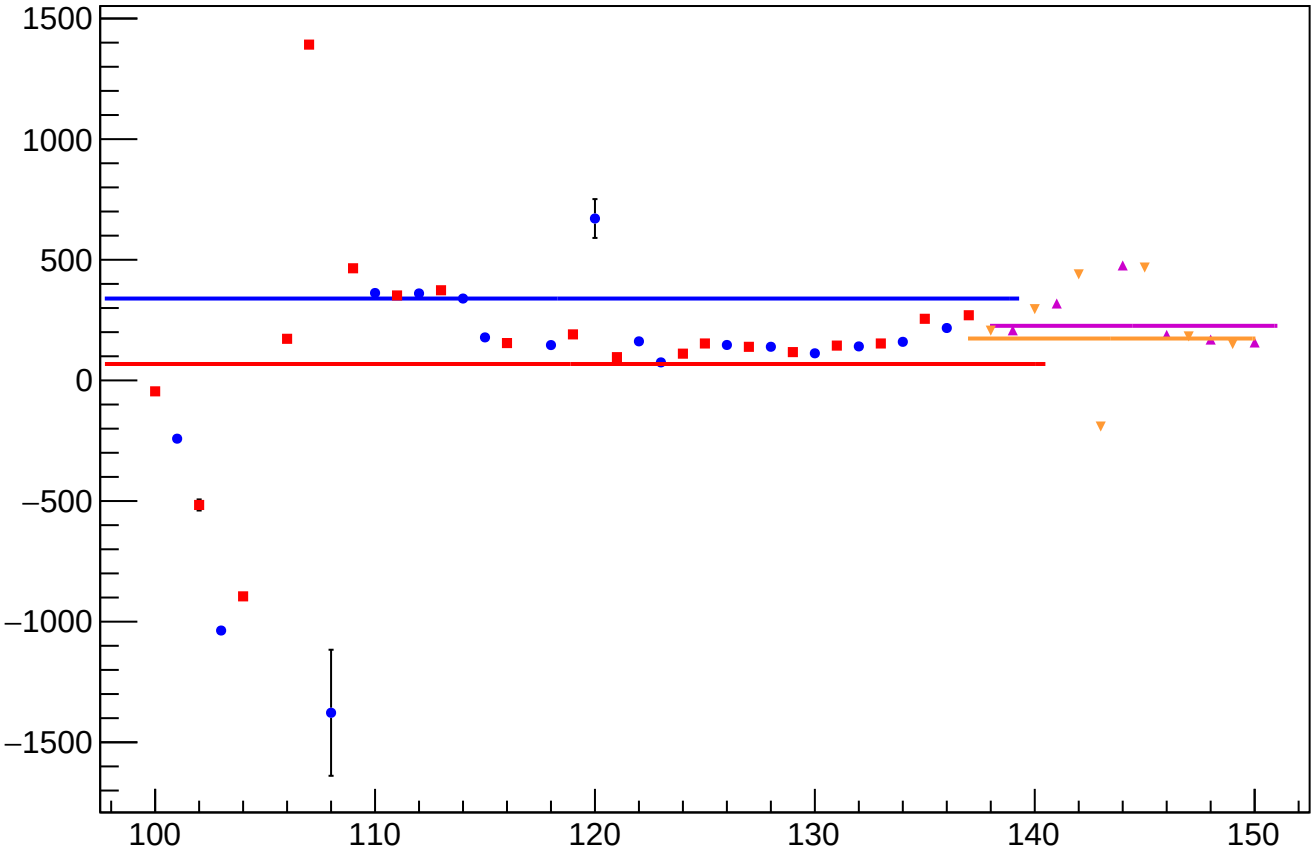
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:620113.3/22

Out: -81.204+/-0.236 χ^2/NDF:179031.9/25

All: -205.160+/-0.000 χ^2/NDF: 1076083.8/48

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 173.618+/-0.433 χ^2/NDF:77423.1/6

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 226.251+/-0.494 χ^2/NDF:40607.4/5

Left: 196.507+/-0.325 χ^2/NDF: 124458.1/12

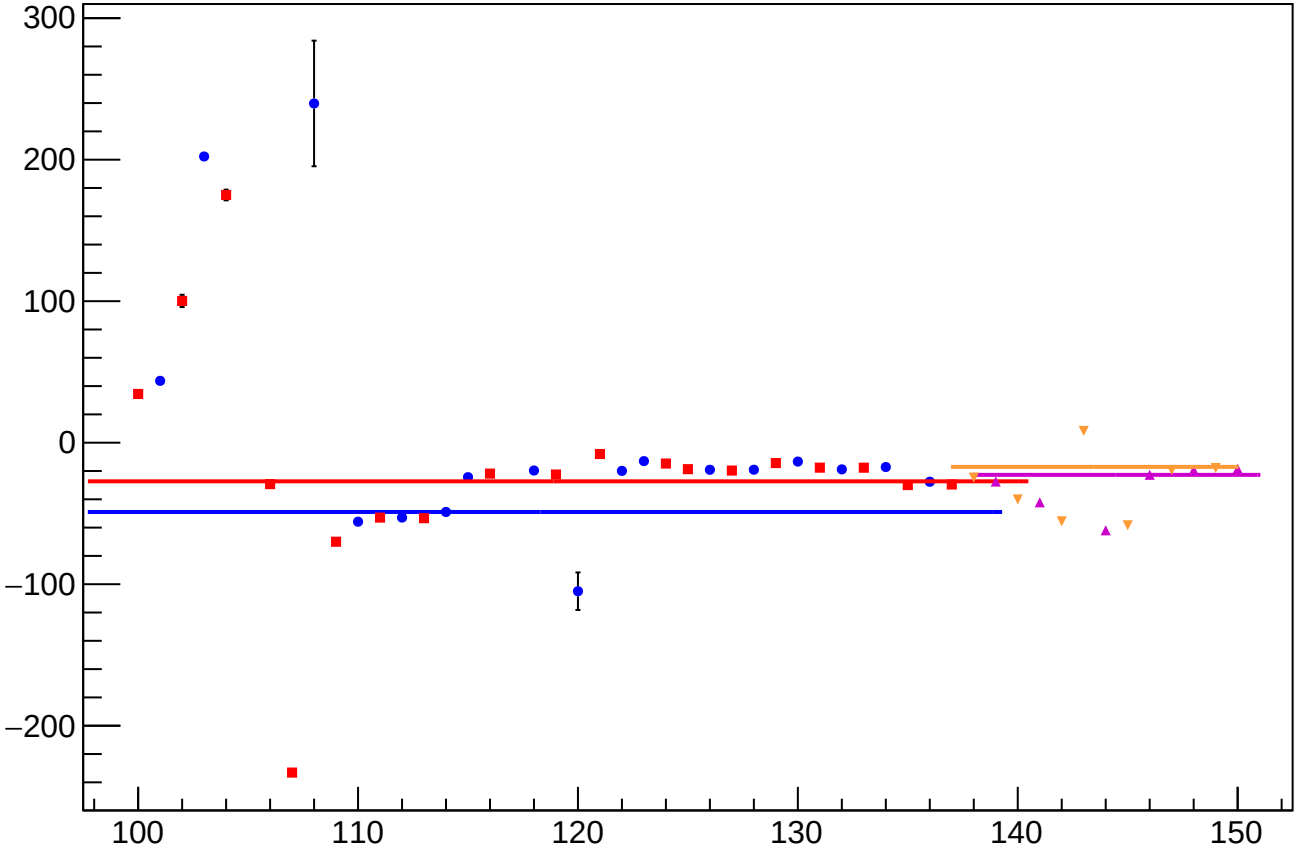
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1123706.3/22

Out: 100.118+/-0.239 χ^2/NDF:391163.1/25

All: 339.325+/-0.000 χ^2/NDF: 2519312.8/48

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.083+/-0.019 χ^2/NDF:528223.9/6

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -22.728+/-0.027 χ^2/NDF:116828.3/5

Left: -18.943+/-0.015 χ^2/NDF: 674779.9/12

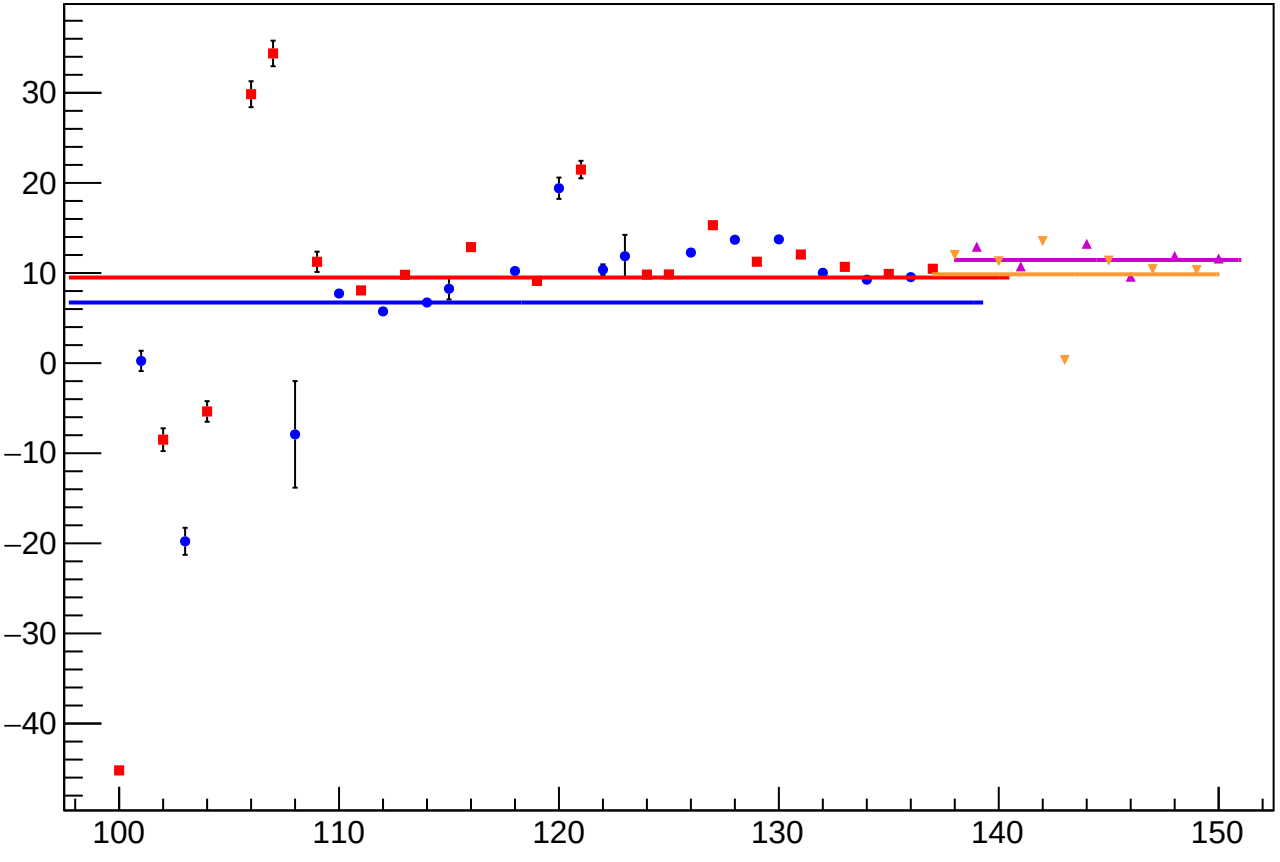
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:6481764.7/22

Out: -18.276+/-0.018 χ^2/NDF:730625.1/25

All: -48.945+/-0.000 χ^2/NDF: 10228666.9/48

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.860+/-0.027 χ^2/NDF:20601.7/6

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.451+/-0.023 χ^2/NDF:2186.1/5

Left: 10.783+/-0.018 χ^2/NDF: 24788.4/12

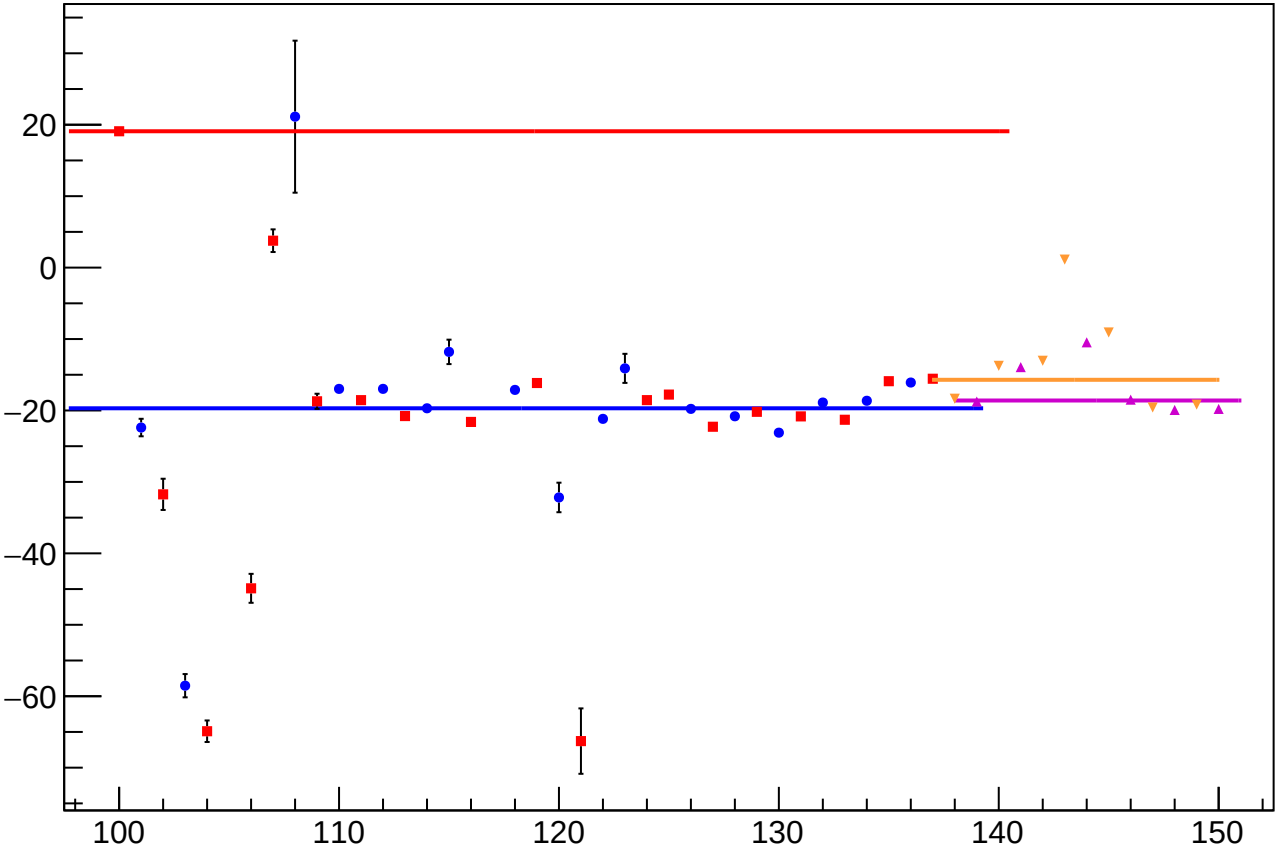
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:57906.3/22

Out: 9.729+/-0.022 χ^2/NDF:47487.7/25

All: 6.728+/-0.000 χ^2/NDF: 124747.2/48

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -15.706+/-0.033 χ^2/NDF:31976.1/6

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -18.603+/-0.030 χ^2/NDF:5173.7/5

Left: -17.282+/-0.022 χ^2/NDF: 41270.6/12

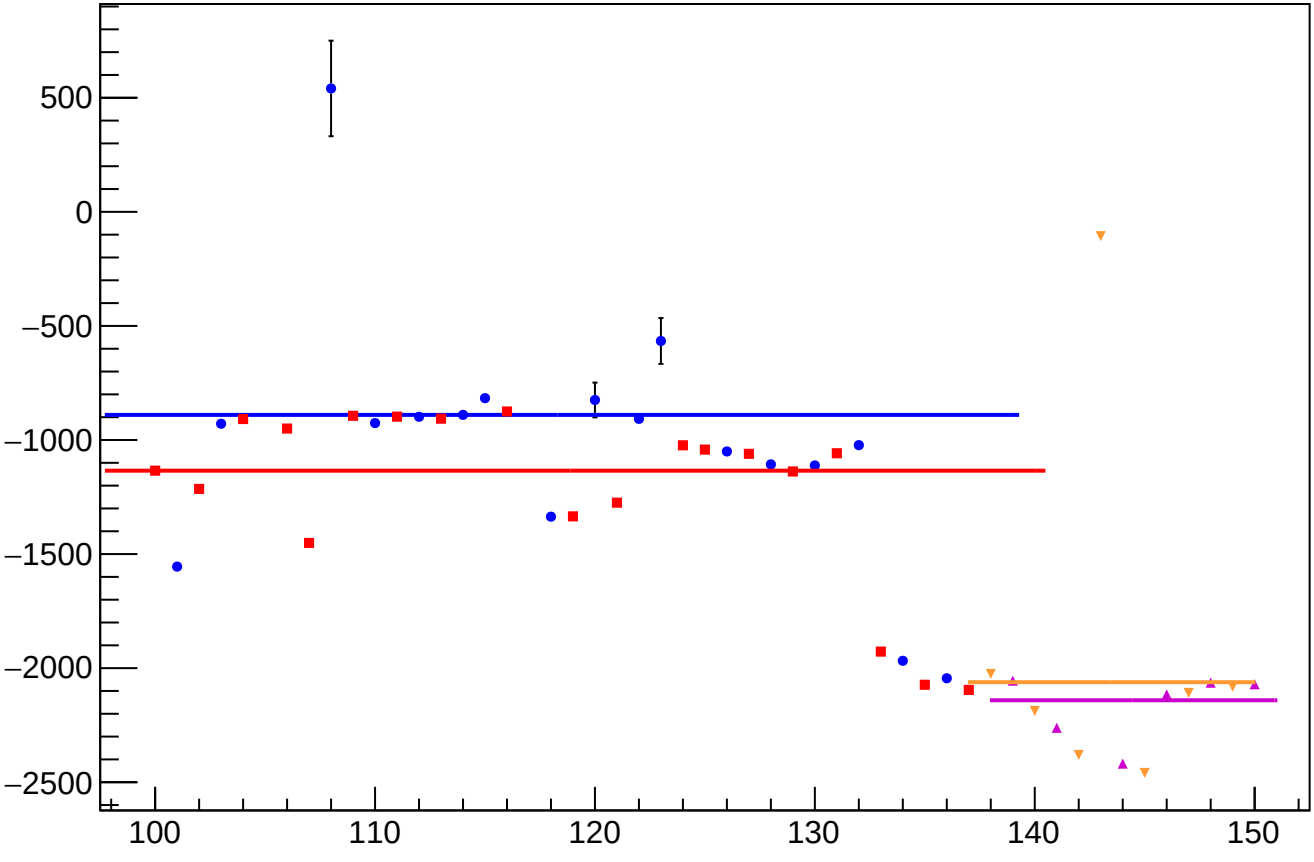
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:14031.1/22

Out: 19.086+/-0.000 χ^2/NDF:1734583.6/25

All: -6.006+/-0.000 χ^2/NDF: 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2061.561+/-0.815 χ^2/NDF:255376.5/6

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2140.848+/-0.731 χ^2/NDF:29934.8/5

Left: -2105.515+/-0.544 χ^2/NDF: 290554.7/12

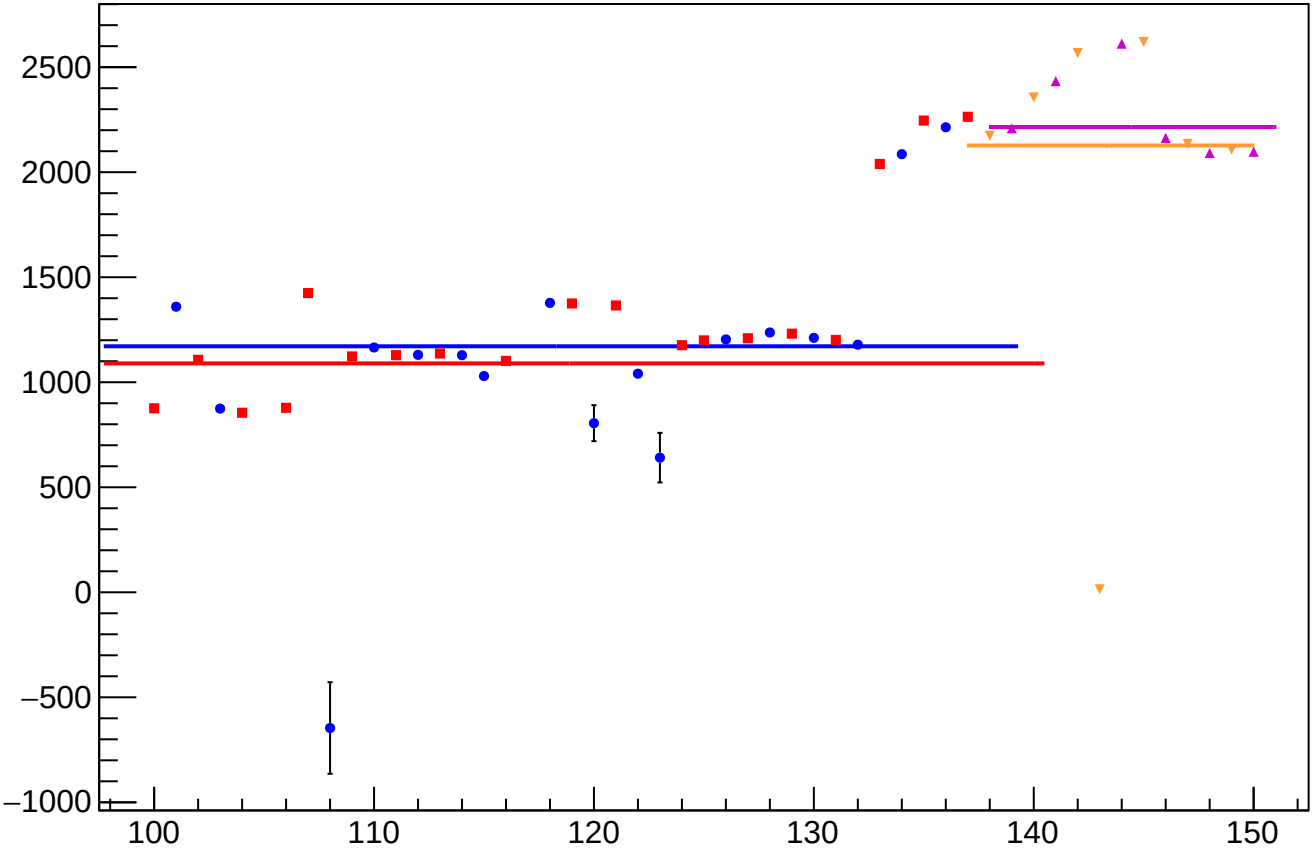
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:3734557.1/22

Out: -1134.421+/-0.000 χ^2/NDF:2282498.4/25

All: -976.220+/-0.000 χ^2/NDF: 4488978738

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2127.097+/-0.844 χ^2/NDF:295739.7/6

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2215.178+/-0.760 χ^2/NDF:52007.1/5

Left: 2175.747+/-0.565 χ^2/NDF: 353763.4/12

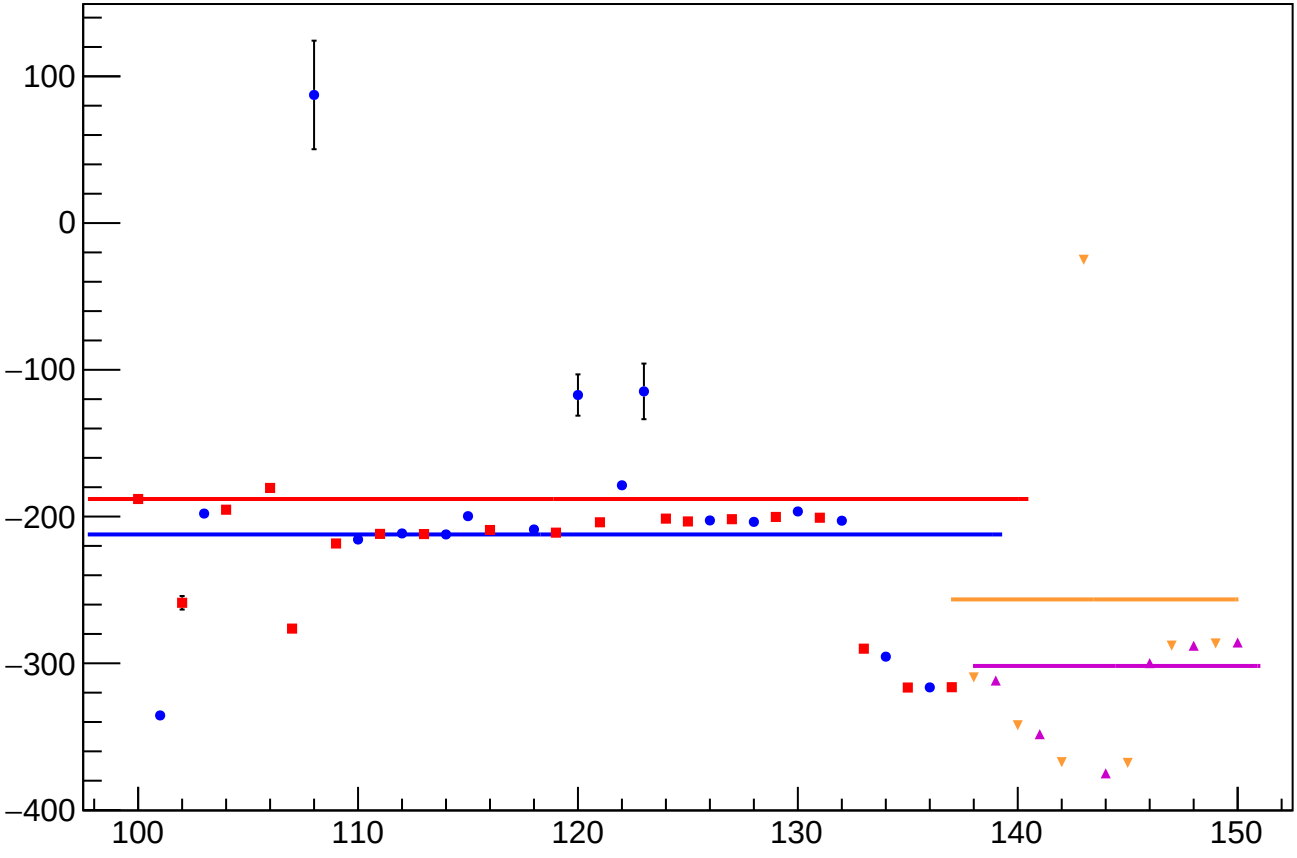
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1269.793+/-0.233 χ^2/NDF:2270778.2/22

Out: 1175.527+/-0.243 χ^2/NDF:2782096.3/25

All: 1224.487+/-0.168 χ^2/NDF: 5131206.7/48

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -256.470+/-0.044 χ^2/NDF:5284071.9/6

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -301.802+/-0.051 χ^2/NDF:264062.8/5

Left: -275.828+/-0.033 χ^2/NDF: 5996371.6/12

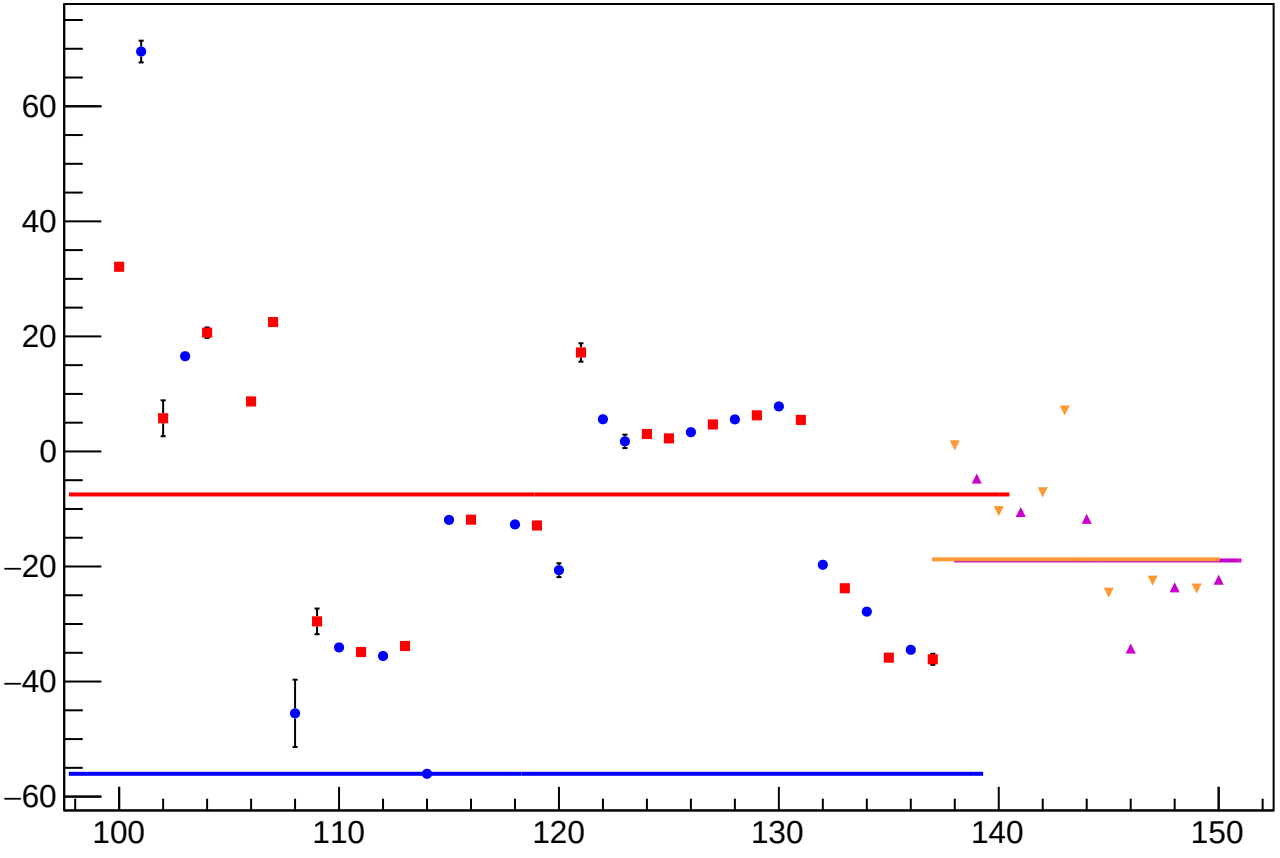
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:4470318.6/22

Out: -188.033+/-0.000 χ^2/NDF:8278768.9/25

All: -195.625+/-0.000 χ^2/NDF: 13622303625

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -18.756+/-0.045 χ^2/NDF:41557.1/6

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -18.952+/-0.041 χ^2/NDF:24892.4/5

Left: -18.861+/-0.030 χ^2/NDF: 66459.9/12

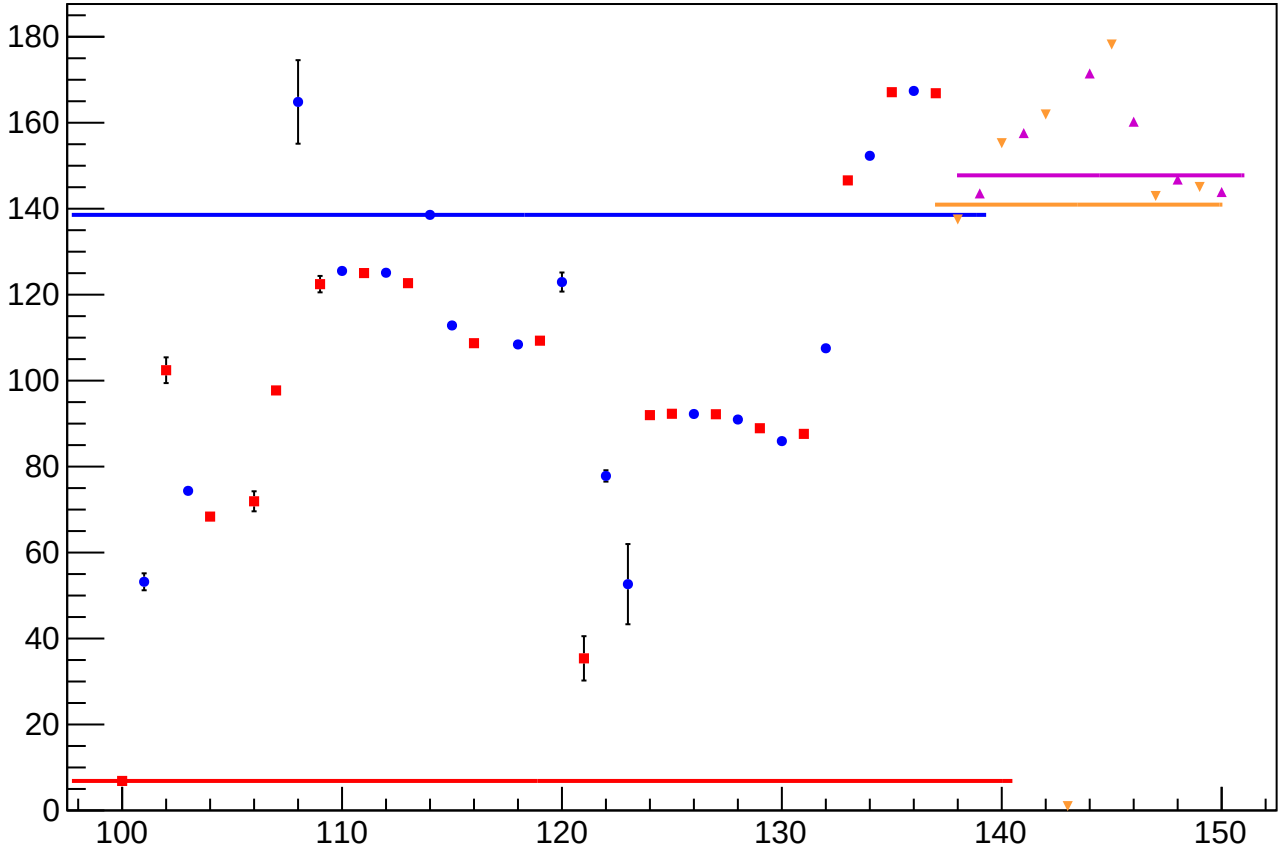
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:2410459.8/22

Out: -12.812+/-0.031 χ^2/NDF:249281.8/25

All: -56.037+/-0.000 χ^2/NDF: 4652847.3/48

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 140.947+/-0.048 χ^2/NDF:301360.5/6

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 147.760+/-0.049 χ^2/NDF:17229.1/5

Left: 144.270+/-0.034 χ^2/NDF: 328339.5/12

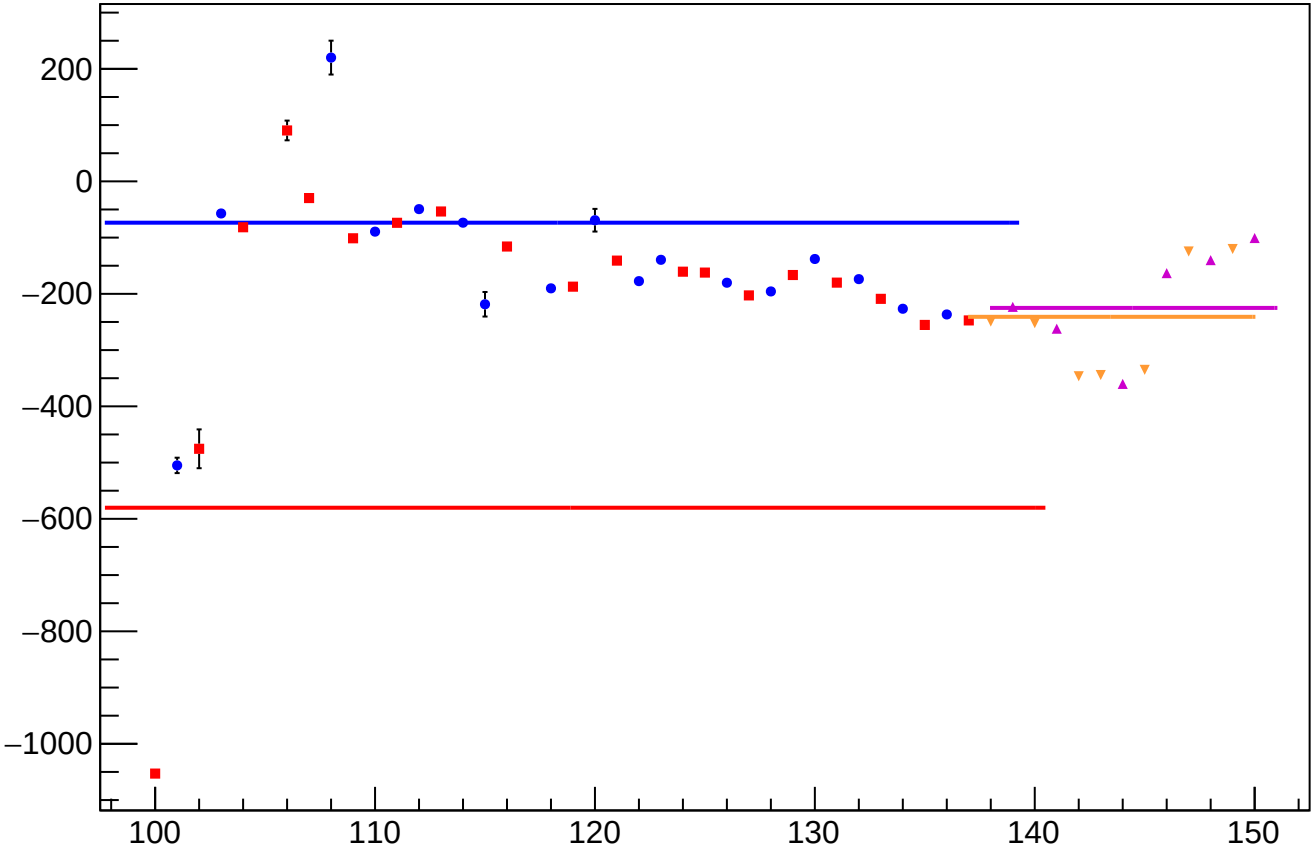
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:953054.3/22

Out: 6.866+/-0.000 χ^2/NDF:16091204.3/25

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -240.833+/-0.423 χ^2/NDF:34220.0/6

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -225.003+/-0.440 χ^2/NDF:39227.1/5

Left: -233.231+/-0.305 χ^2/NDF: 74120.8/12

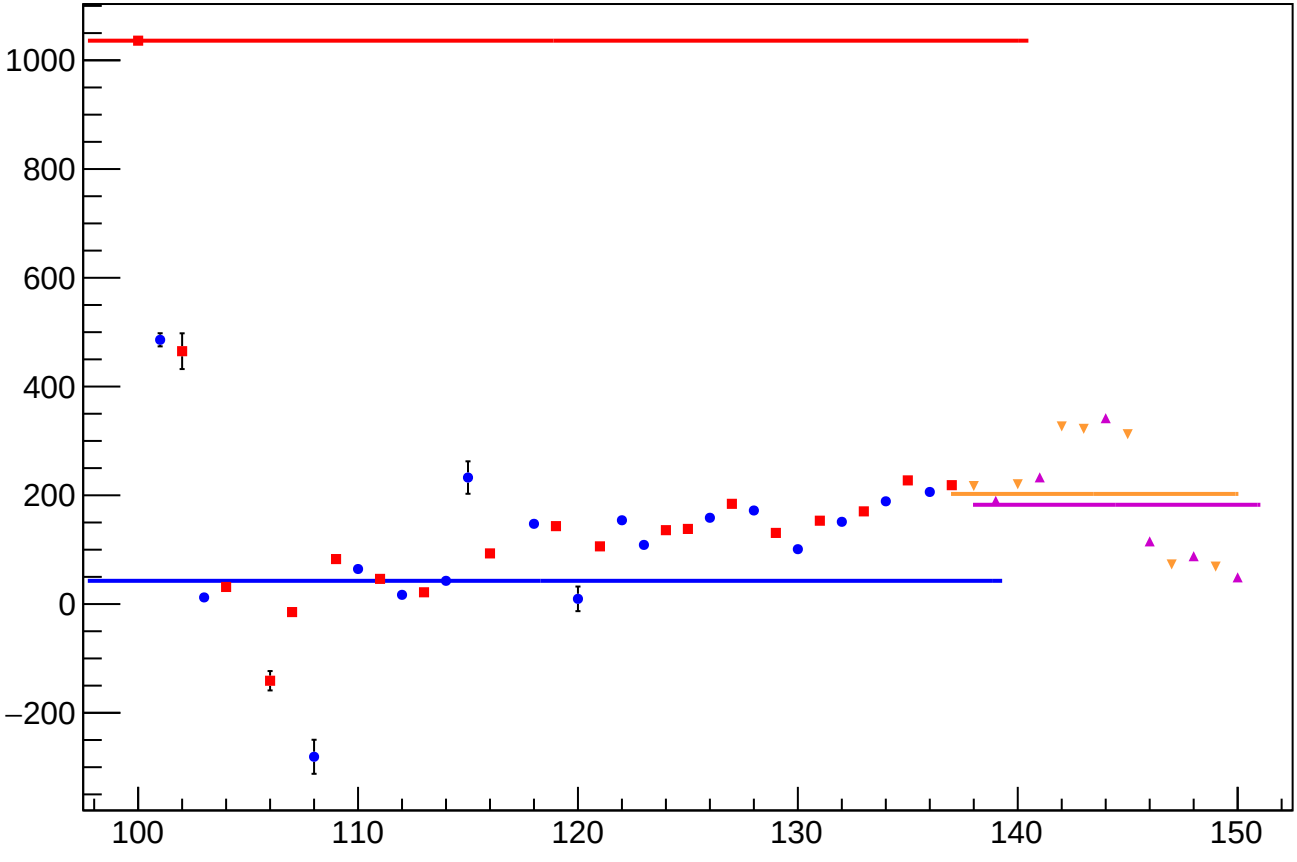
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:256649.9/22

Out: -486.599+/-0.222 χ^2/NDF:3532737.0/25

All: -73.485+/-0.000 χ^2/NDF: 7251010.7/48

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 202.555+/-0.437 χ^2/NDF:42576.3/6

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 182.579+/-0.456 χ^2/NDF:46315.5/5

Left: 192.993+/-0.315 χ^2/NDF: 89894.1/12

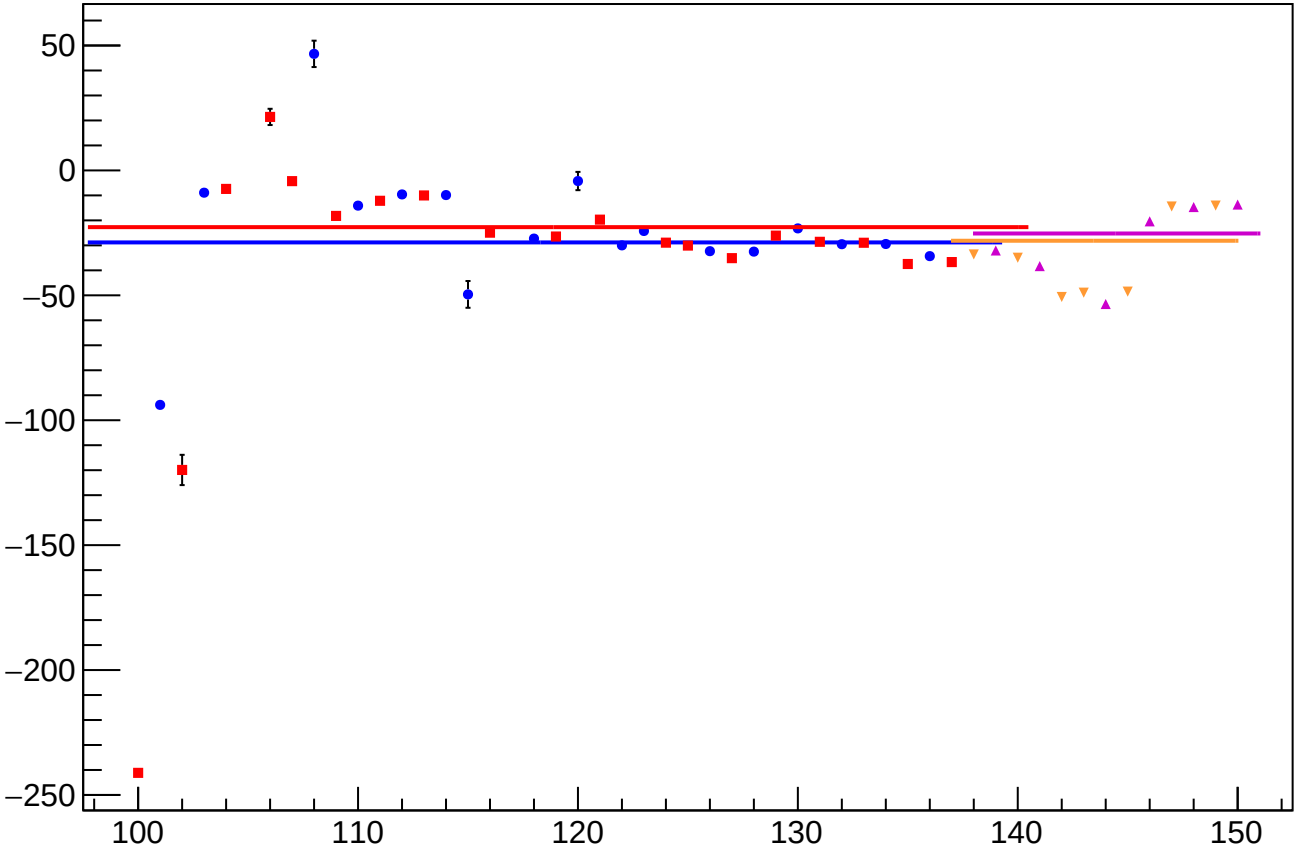
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:225131.0/22

Out: 1036.068+/-0.000 χ^2/NDF:8622350.5/25

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -28.154+/-0.026 χ^2/NDF:215515.7/6

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -25.247+/-0.030 χ^2/NDF:145867.9/5

Left: -26.949+/-0.020 χ^2/NDF: 366766.4/12

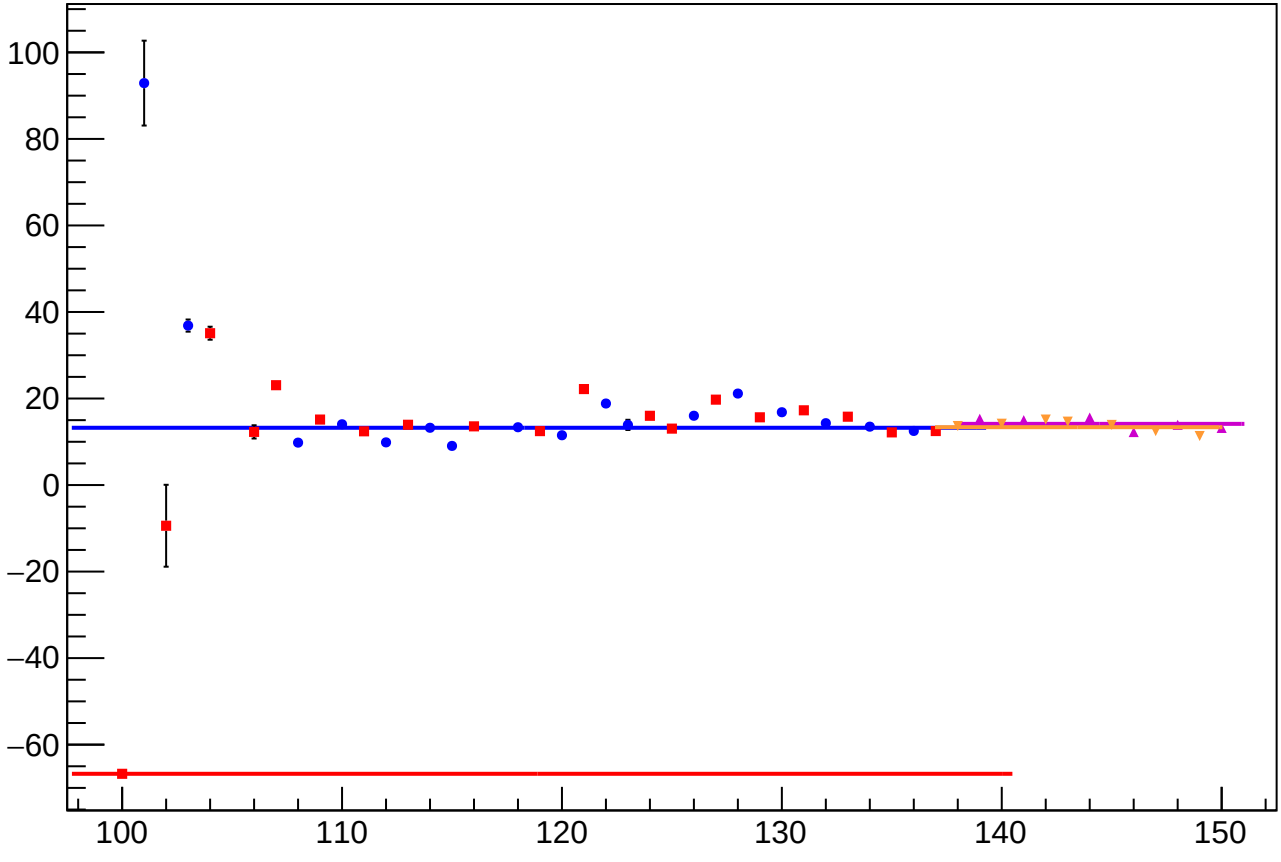
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -26.793+/-0.023 χ^2/NDF:201384.7/22

Out: -26.467+/-0.021 χ^2/NDF:639811.6/25

All: -26.618+/-0.016 χ^2/NDF: 841305.7/48

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.372+/-0.028 χ^2/NDF:2261.8/6

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.141+/-0.025 χ^2/NDF:2215.3/5

Left: 13.798+/-0.019 χ^2/NDF: 4892.7/12

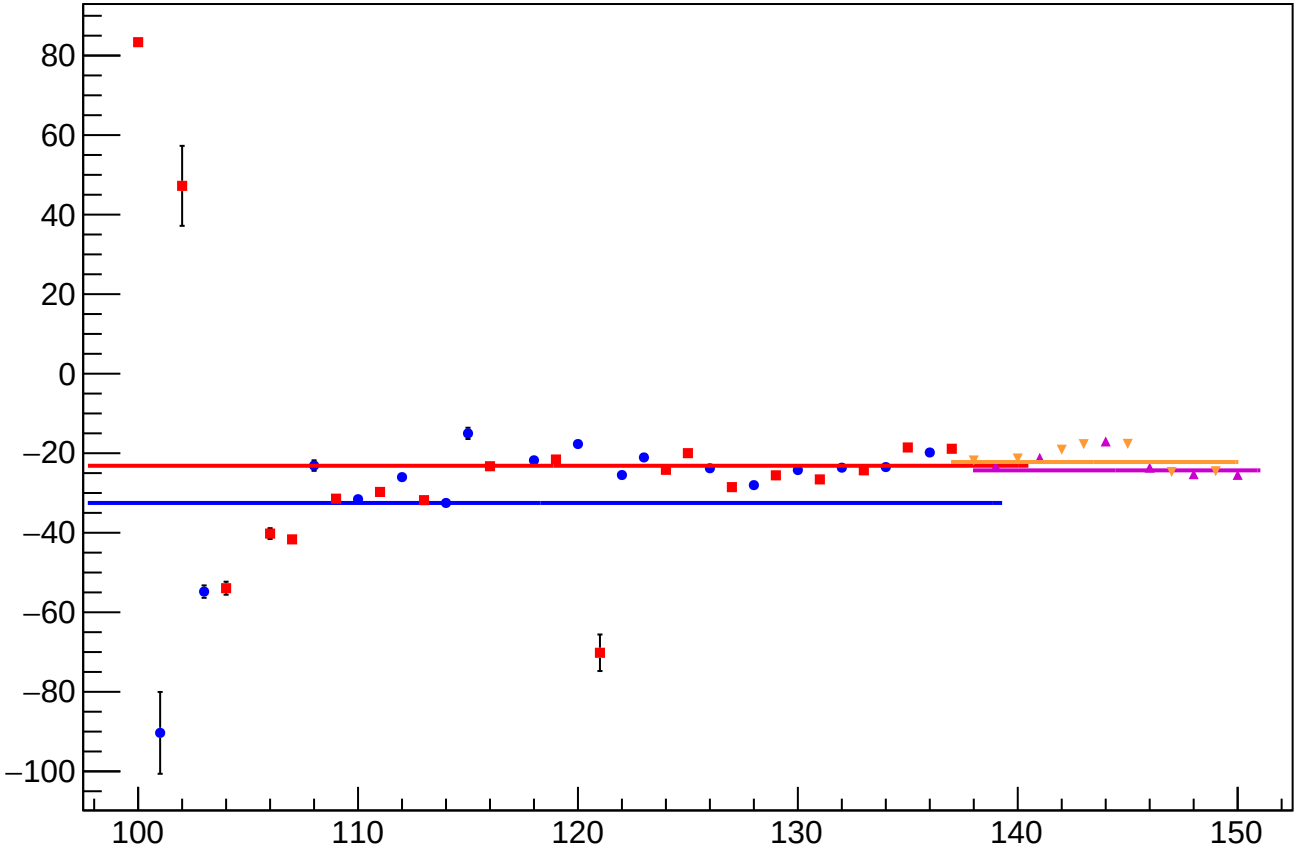
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:9255.7/22

Out: -66.739+/-0.000 χ^2/NDF:11163821.2/25

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: -22.210+/-0.030 χ^2/NDF:8791.1/6

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.311+/-0.030 χ^2/NDF:5242.5/5

Left: -23.275+/-0.021 χ^2/NDF: 16527.7/12

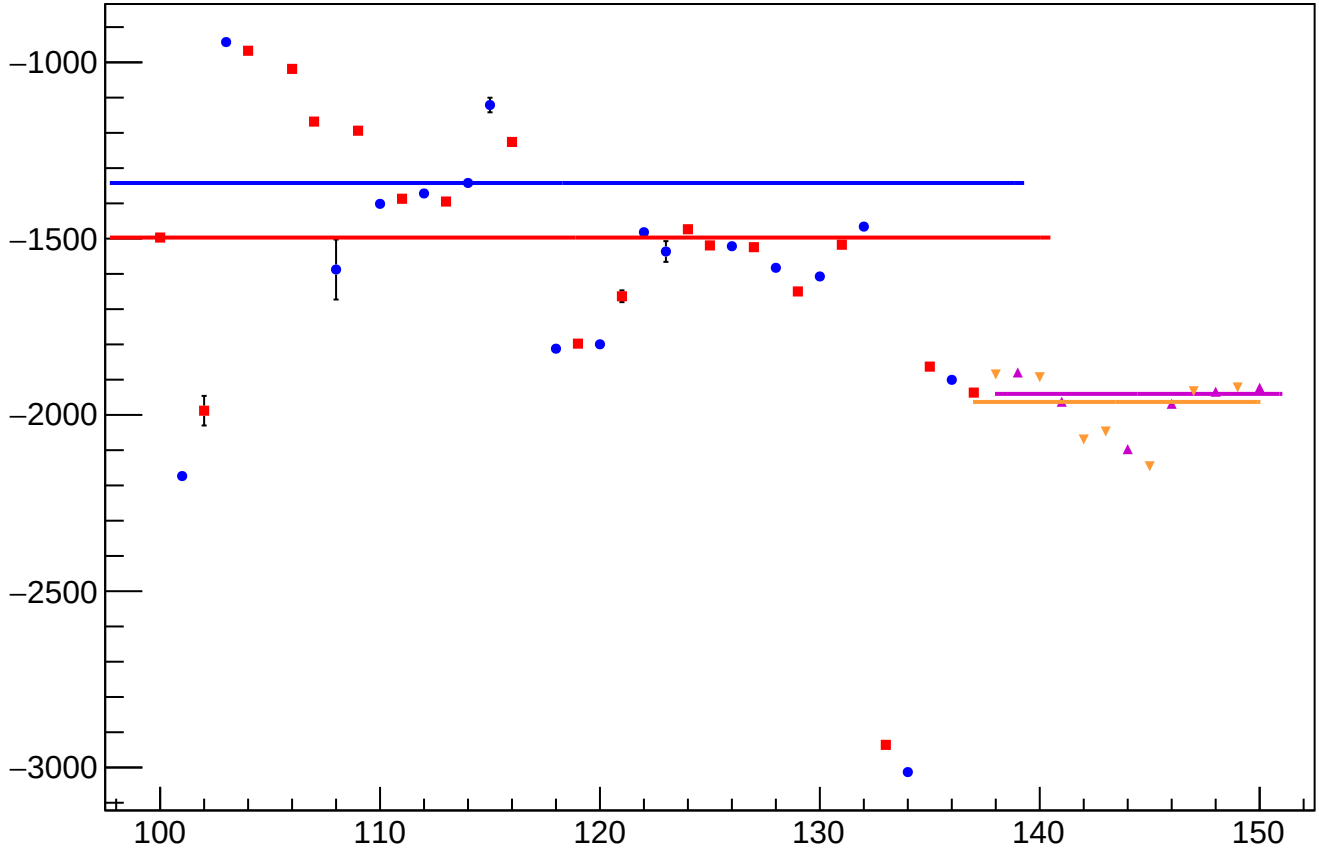
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:156358.3/22

Out: -22.477+/-0.025 χ^2/NDF:99820.1/25

All: -32.504+/-0.000 χ^2/NDF: 412646.1/48

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1963.149+/-0.696 χ^2/NDF:12332.3/6

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1940.297+/-0.458 χ^2/NDF:13562.5/5

Left: -1947.208+/-0.383 χ^2/NDF: 26647.0/12

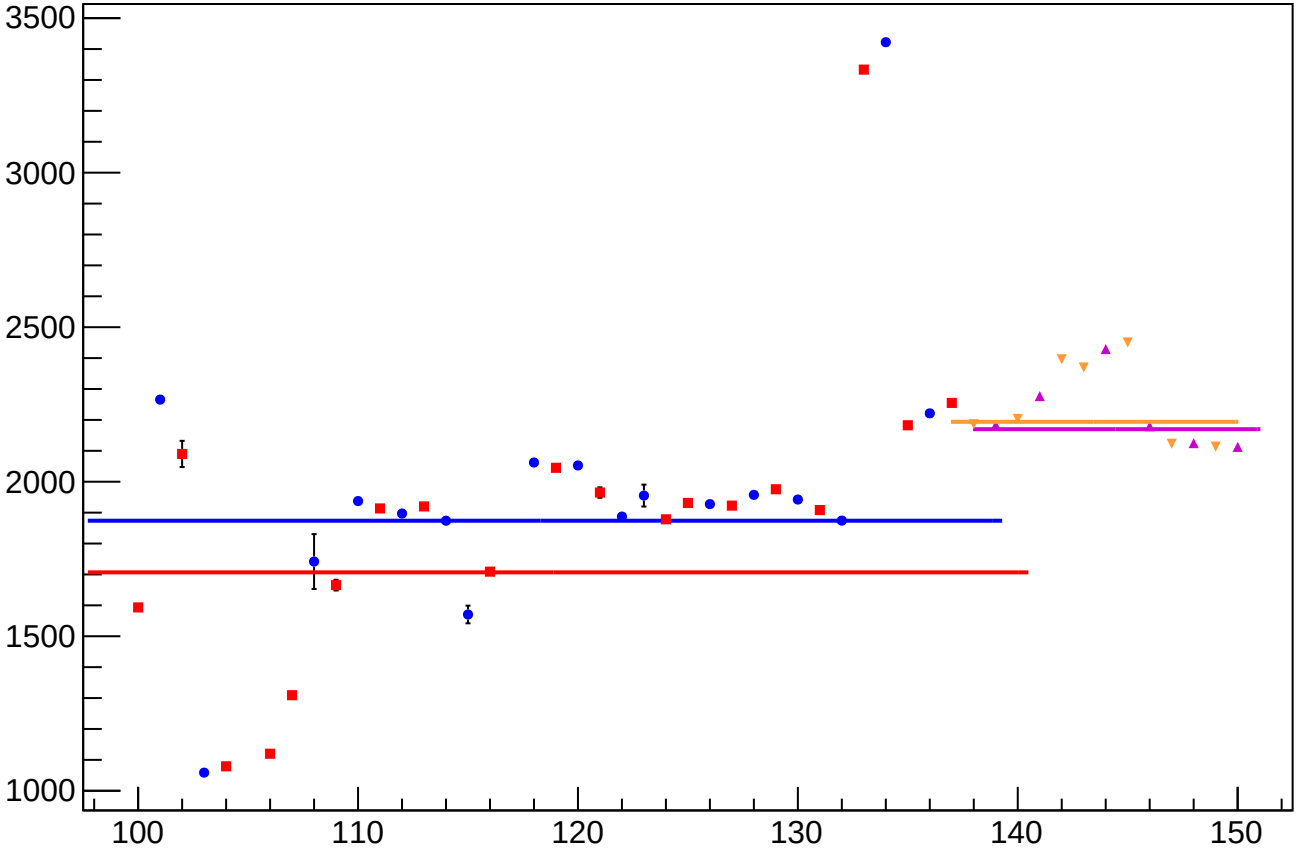
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:2089029.8/22

Out: -1496.932+/-0.000 χ^2/NDF:965923.0/25

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2193.819+/-0.730 χ^2/NDF:22919.3/6

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2170.021+/-0.465 χ^2/NDF:34205.7/5

Left: 2176.888+/-0.392 χ^2/NDF: 57880.4/12

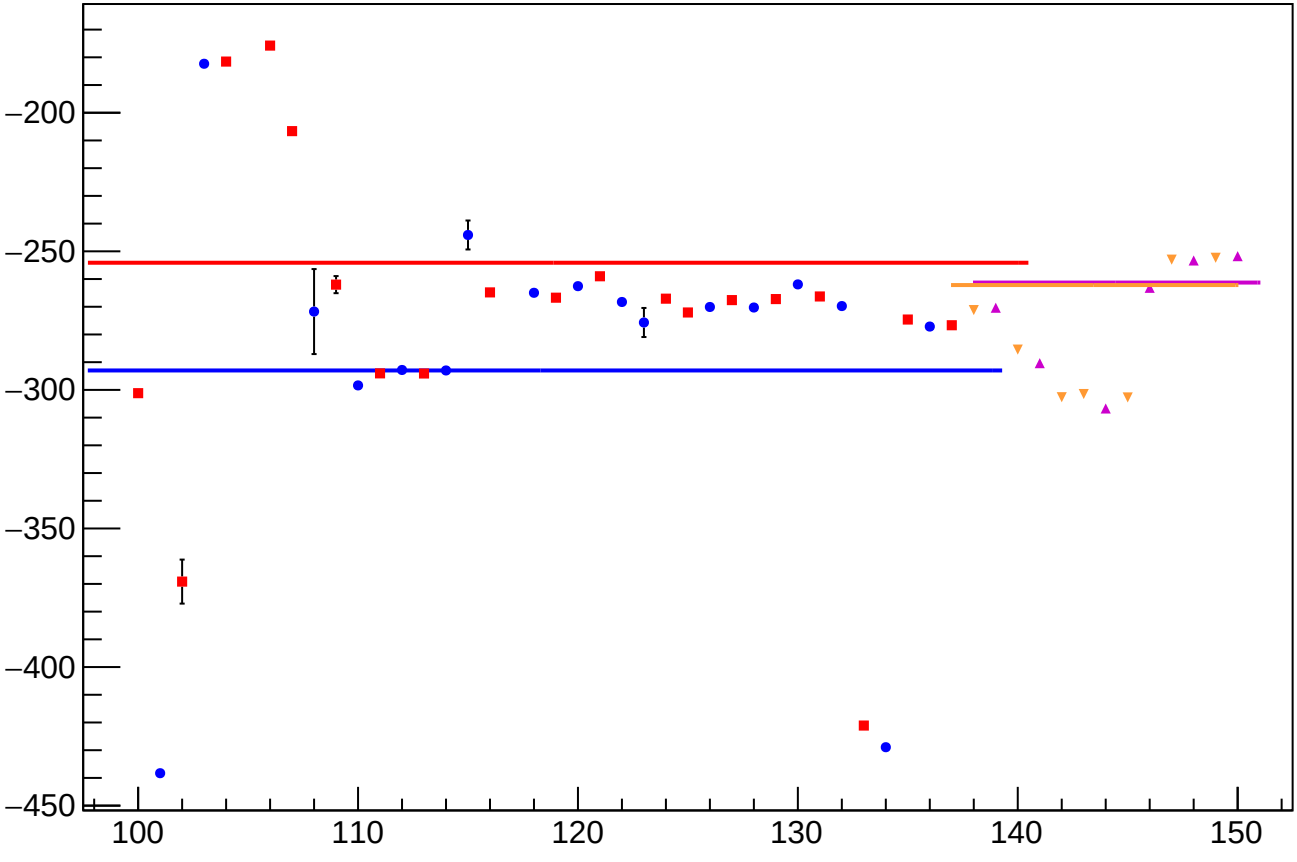
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:641210.4/22

Out: 1778.024+/-0.279 χ^2/NDF:1240572.5/25

All: 1873.852+/-0.000 χ^2/NDF: 1999423.8/48

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -262.171+/-0.040 χ^2/NDF:175923.3/6

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -261.271+/-0.032 χ^2/NDF:226712.9/5

Left: -261.626+/-0.025 χ^2/NDF: 402940.9/12

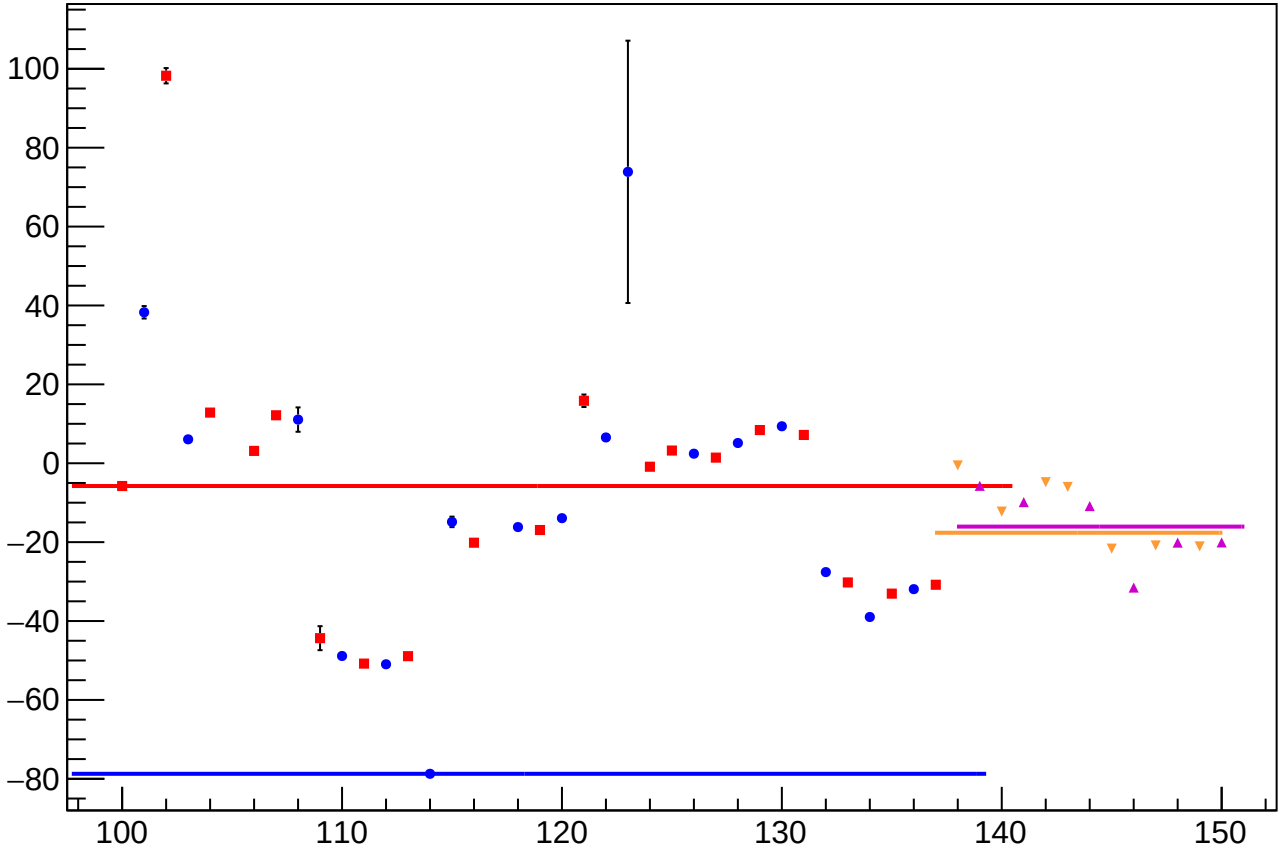
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:2201699.5/22

Out: -259.626+/-0.033 χ^2/NDF:691320.0/25

All: -292.986+/-0.000 χ^2/NDF: 3904497.1/48

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -17.614+/-0.041 χ^2/NDF:17935.4/6

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -16.061+/-0.037 χ^2/NDF:25358.5/5

Left: -16.770+/-0.028 χ^2/NDF: 44084.5/12

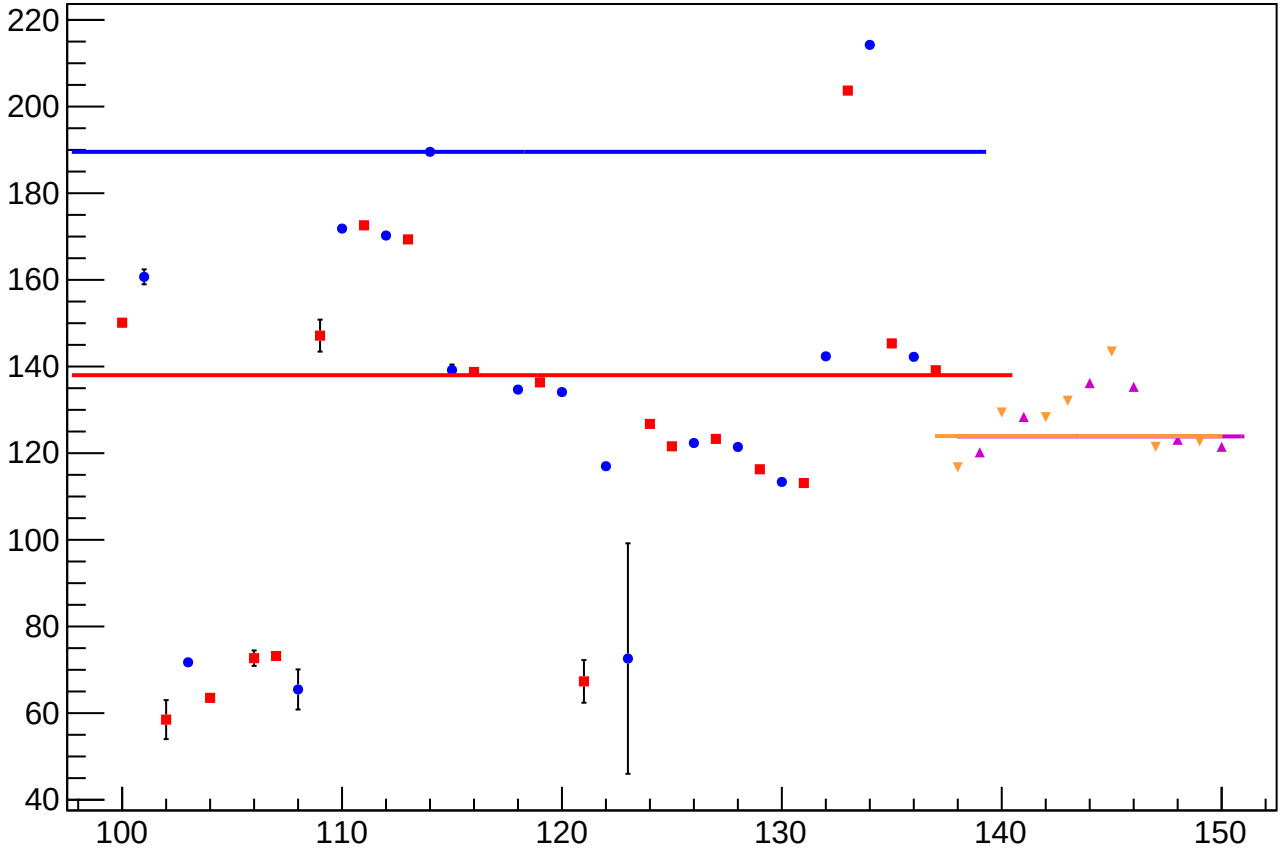
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:4243333.9/22

Out: -5.769+/-0.000 χ^2/NDF:214161.8/25

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: 123.940+/-0.049 χ^2/NDF:7276.5/6

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 123.870+/-0.043 χ^2/NDF:8695.2/5

Left: 123.901+/-0.032 χ^2/NDF: 15972.9/12

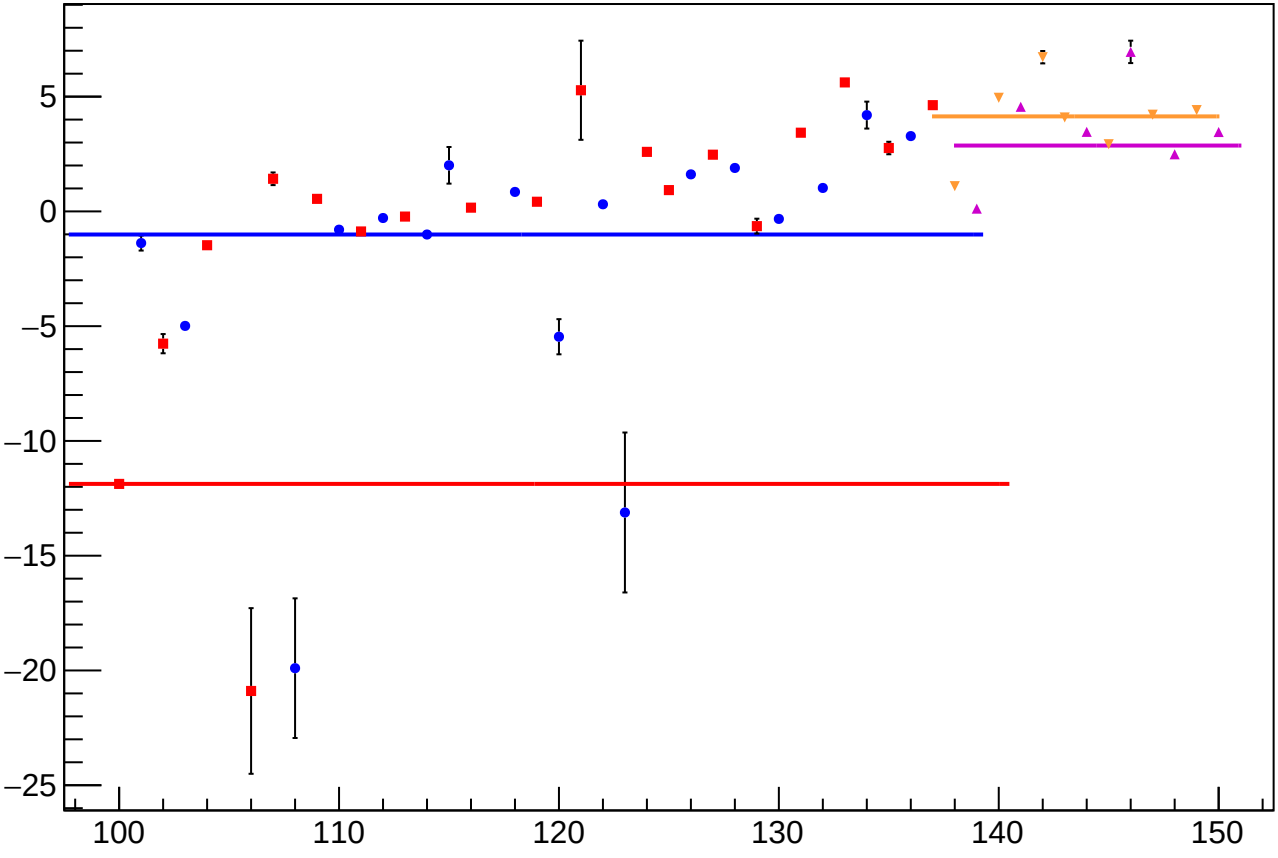
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:3251924.6/22

Out: 129.653+/-0.038 χ^2/NDF:158288.0/25

All: 189.551+/-0.000 χ^2/NDF: 5941607.0/48

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 4.139+/-0.045 χ^2/NDF:488.7/6

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.869+/-0.029 χ^2/NDF:2426.1/5

Left: 3.242+/-0.024 χ^2/NDF: 3481.8/12

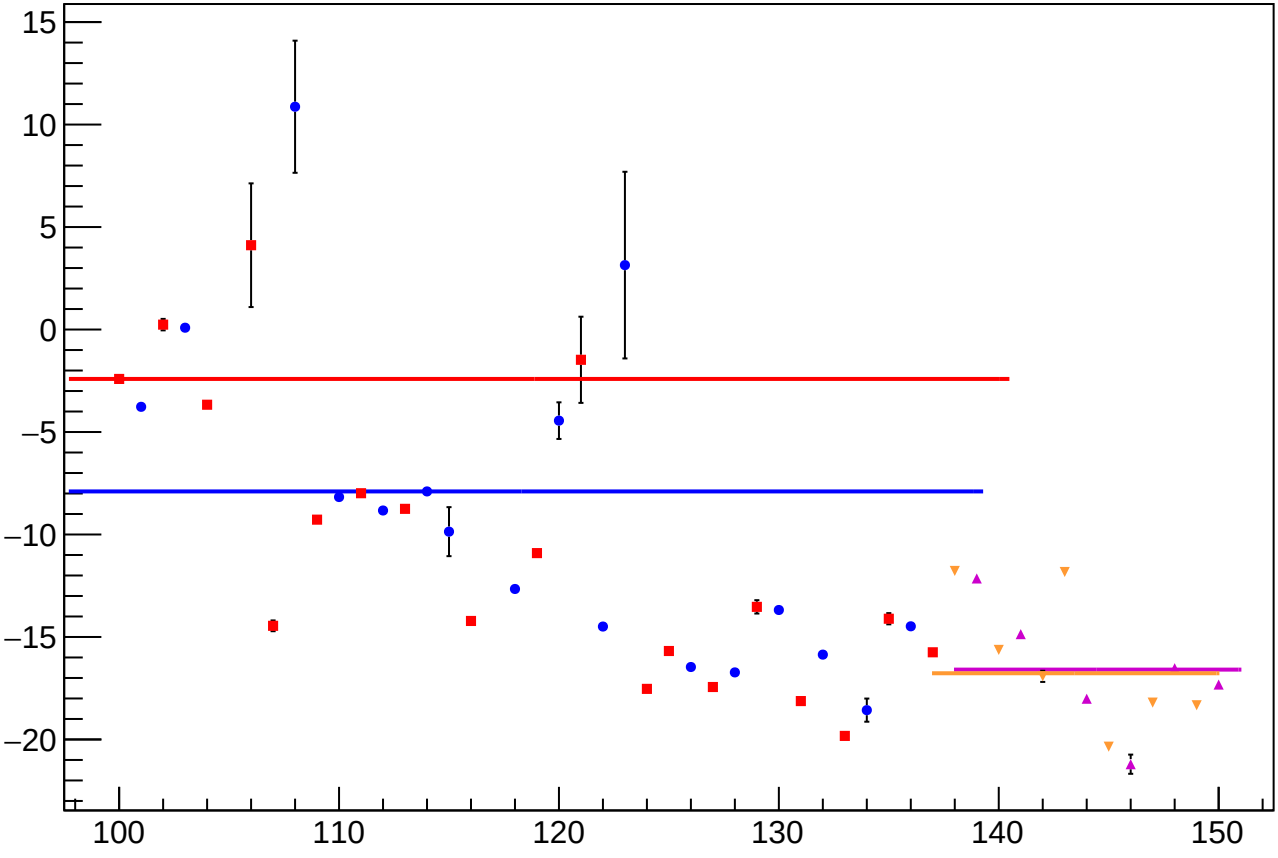
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:27421.3/22

Out: -11.872+/-0.000 χ^2/NDF:631733.9/25

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: -16.770+/-0.044 χ^2/NDF:3803.3/6

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.592+/-0.032 χ^2/NDF:2296.1/5

Left: -16.654+/-0.026 χ^2/NDF: 6110.0/12

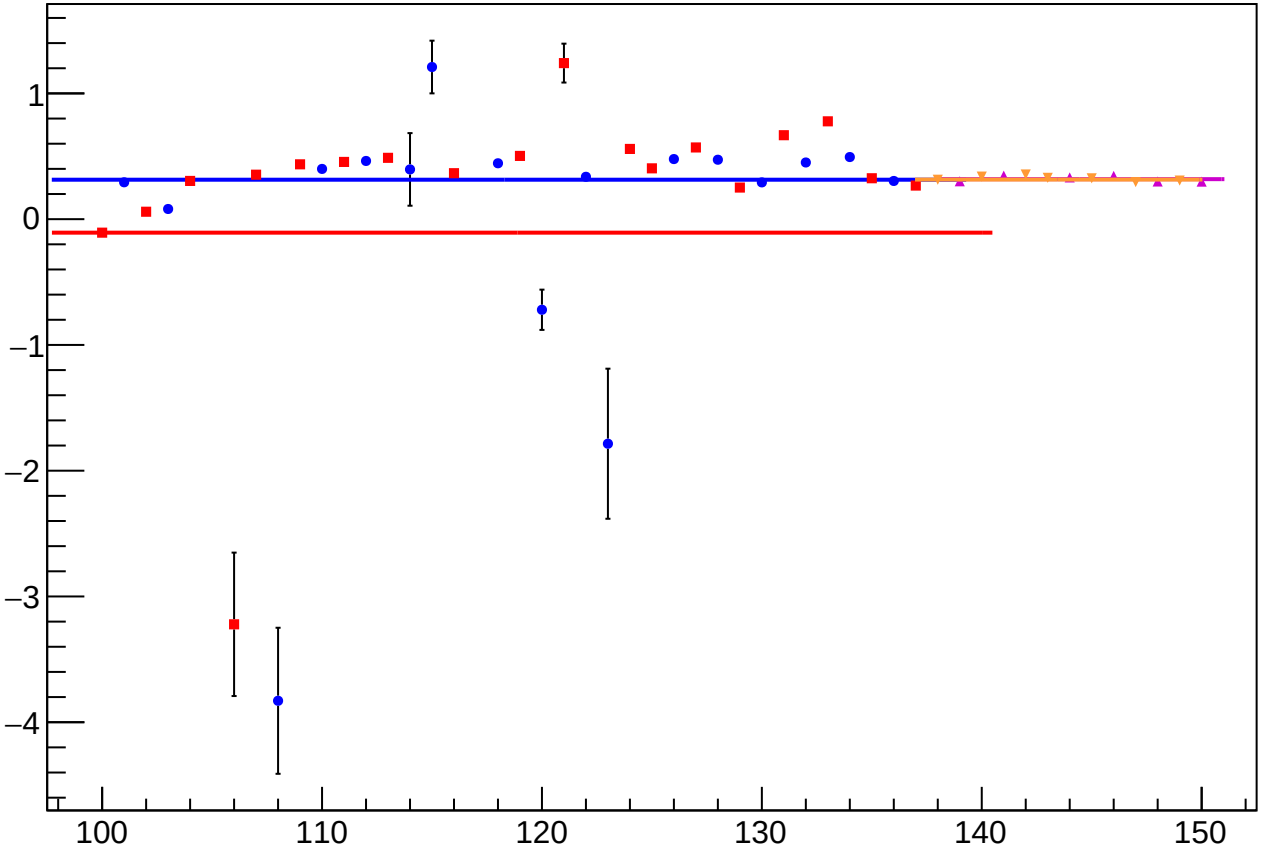
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:113793.1/22

Out: -2.410+/-0.000 χ^2/NDF:312208.5/25

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.315+/-0.001 χ^2/NDF:1156.0/6

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.318+/-0.001 χ^2/NDF:1294.4/5

Left: 0.316+/-0.000 χ^2/NDF: 2469.6/12

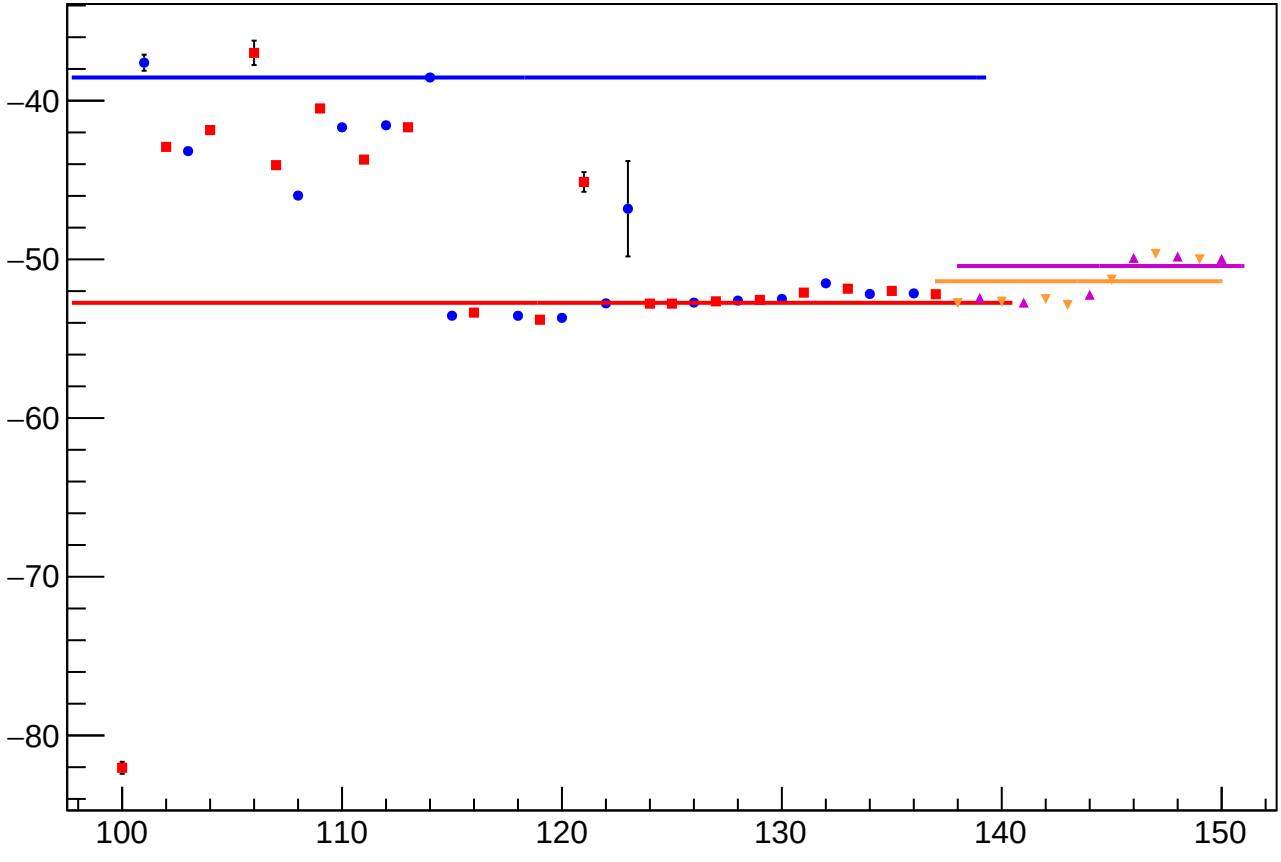
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.317+/-0.000 χ^2/NDF:4058.2/22

Out: -0.107+/-0.000 χ^2/NDF:927036.9/25

All: -0.107+/-0.000 χ^2/NDF: 1759652.7/48

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -51.377+/-0.004 χ^2/NDF:140677.2/6

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.419+/-0.003 χ^2/NDF:134086.3/5

Left: -50.746+/-0.002 χ^2/NDF: 316983.2/12

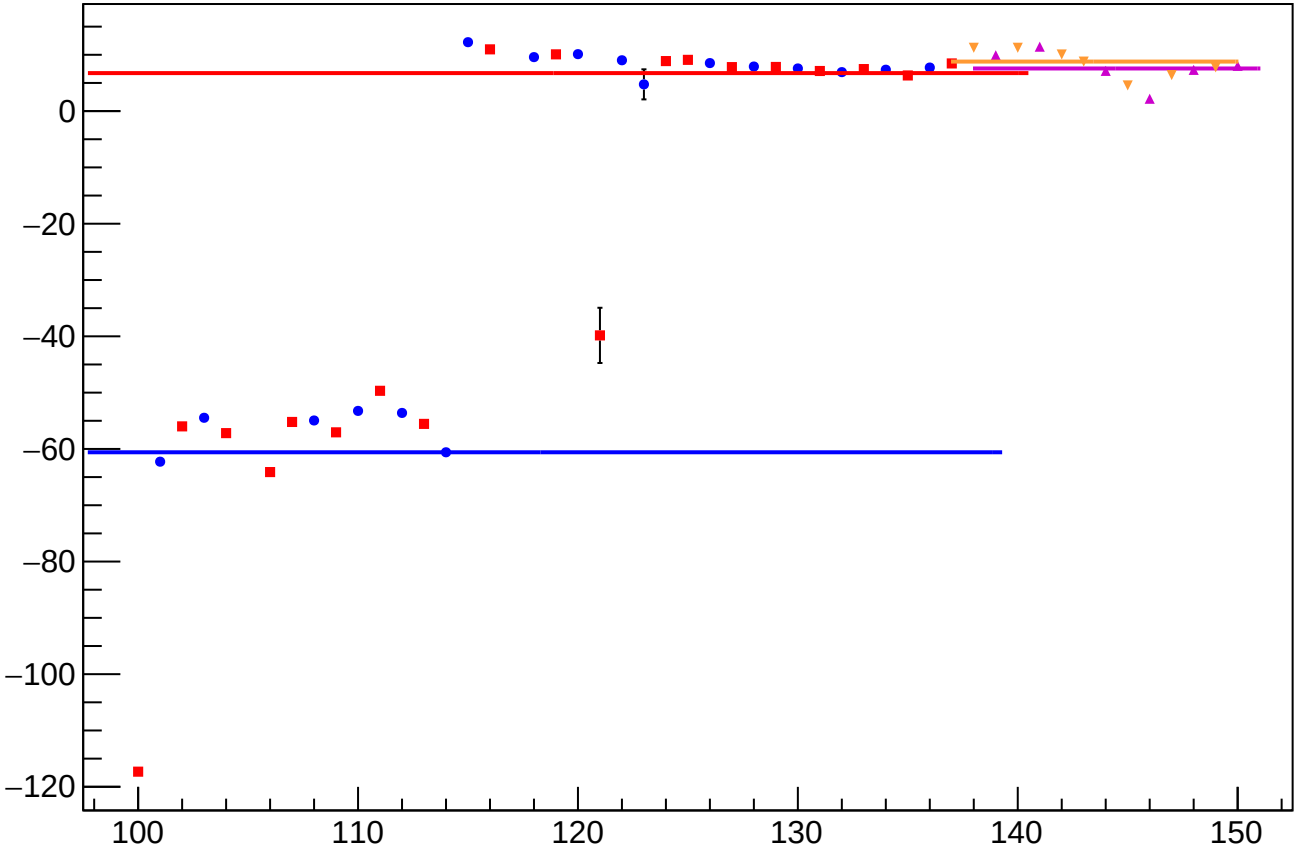
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:34084641.8/22

Out: -52.468+/-0.002 χ^2/NDF:331465.1/25

All: -38.539+/-0.000 χ^2/NDF: 102864170.4/4

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 8.794+/-0.010 χ^2/NDF:35141.3/6

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.568+/-0.008 χ^2/NDF:91836.9/5

Left: 8.018+/-0.006 χ^2/NDF: 135833.0/12

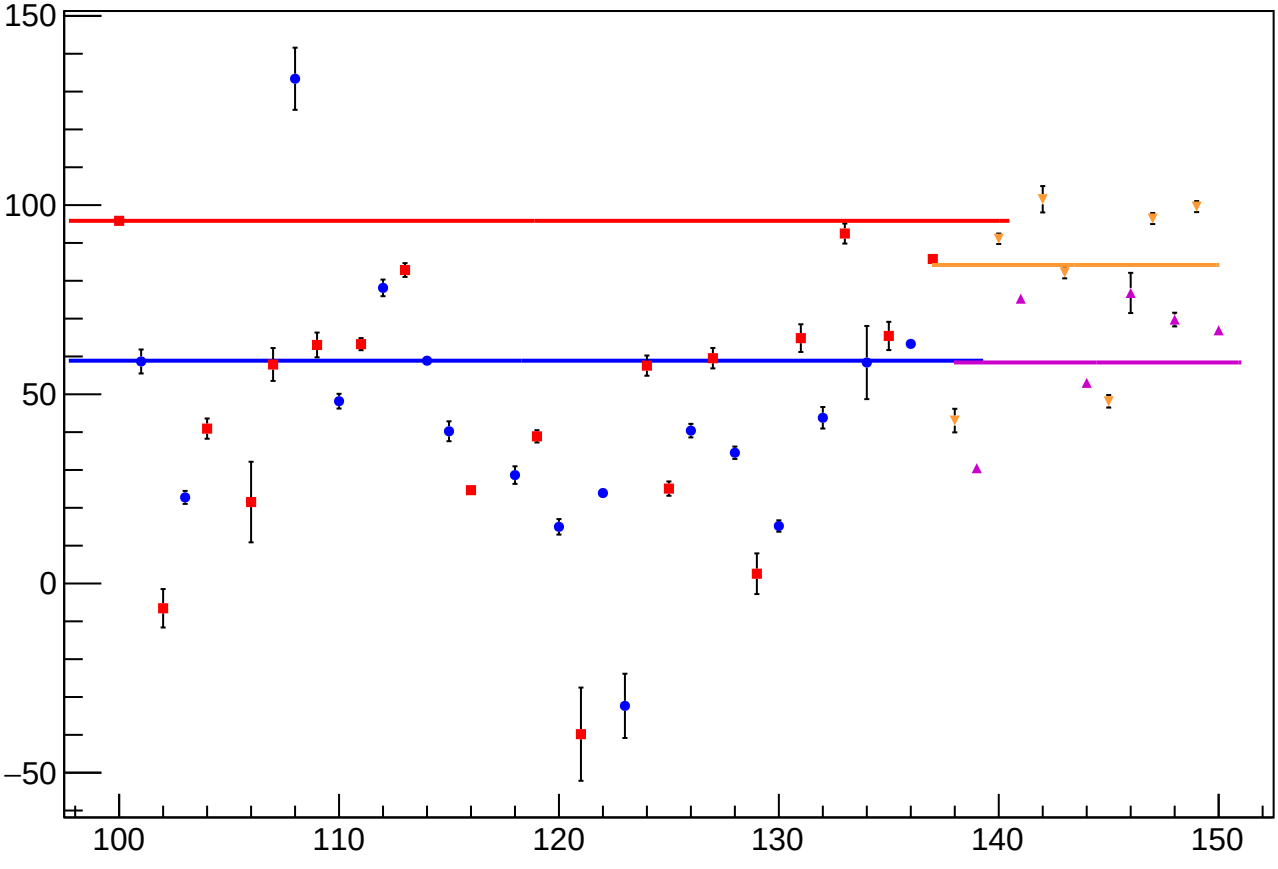
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:100877858.8/22

Out: 7.833+/-0.008 χ^2/NDF:1320028.7/25

All: -60.594+/-0.000 χ^2/NDF: 184314258.9/4

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 84.181+/-0.642 χ^2/NDF:882.6/6

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 58.412+/-0.440 χ^2/NDF:1254.5/5

Left: 66.648+/-0.363 χ^2/NDF: 3234.8/12

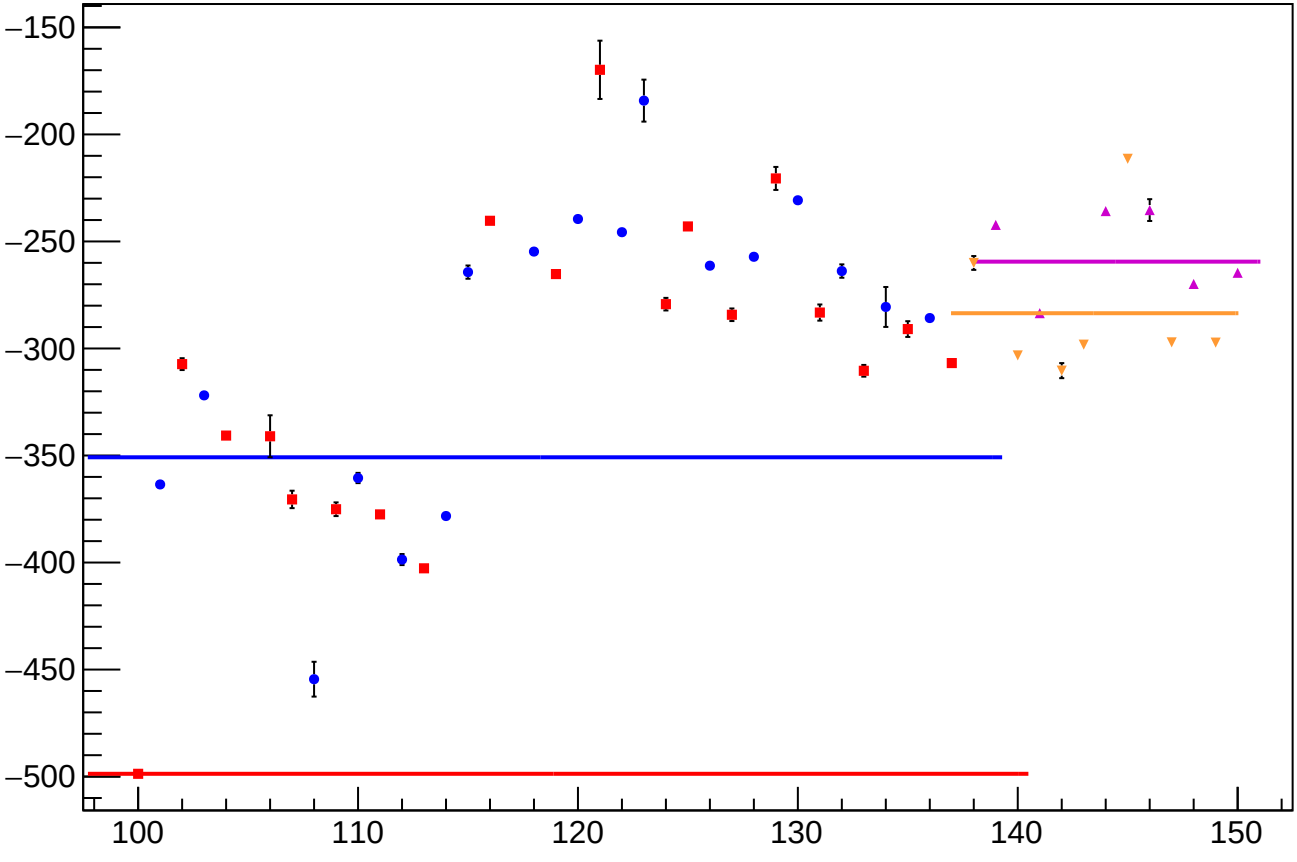
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:5070.3/22

Out: 95.846+/-0.000 χ^2/NDF:40598.2/25

All: 60.098+/-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: -283.530+/-0.631 χ^2/NDF:2729.4/6

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -259.438+/-0.447 χ^2/NDF:1255.8/5

Left: -267.479+/-0.365 χ^2/NDF: 4955.2/12

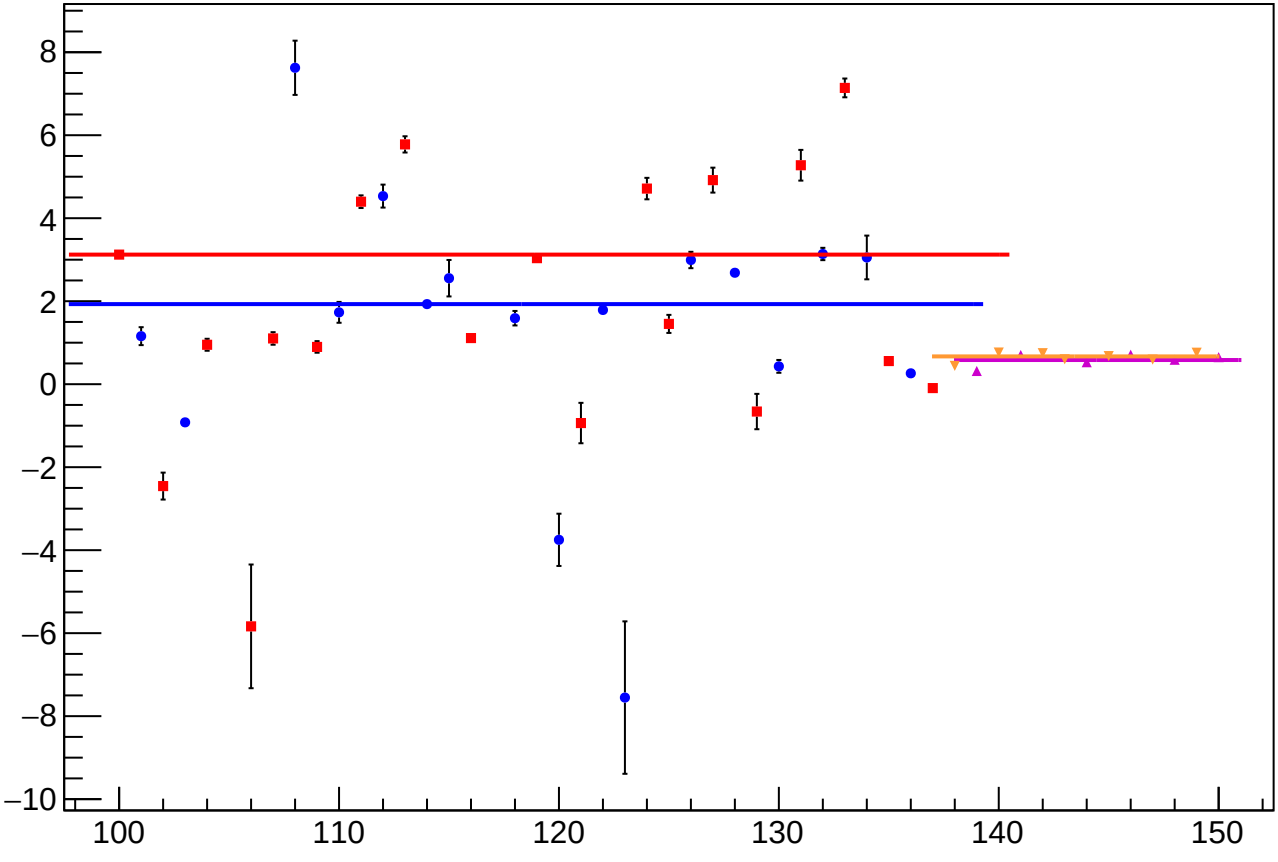
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -329.773+/-0.215 χ^2/NDF:74746.0/22

Out: -498.692+/-0.000 χ^2/NDF:630735.4/25

All: -498.692+/-0.000 χ^2/NDF: 1325542.7/48

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.670+/-0.004 χ^2/NDF:578.3/6

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.582+/-0.003 χ^2/NDF:1548.4/5

Left: 0.622+/-0.003 χ^2/NDF: 2418.8/12

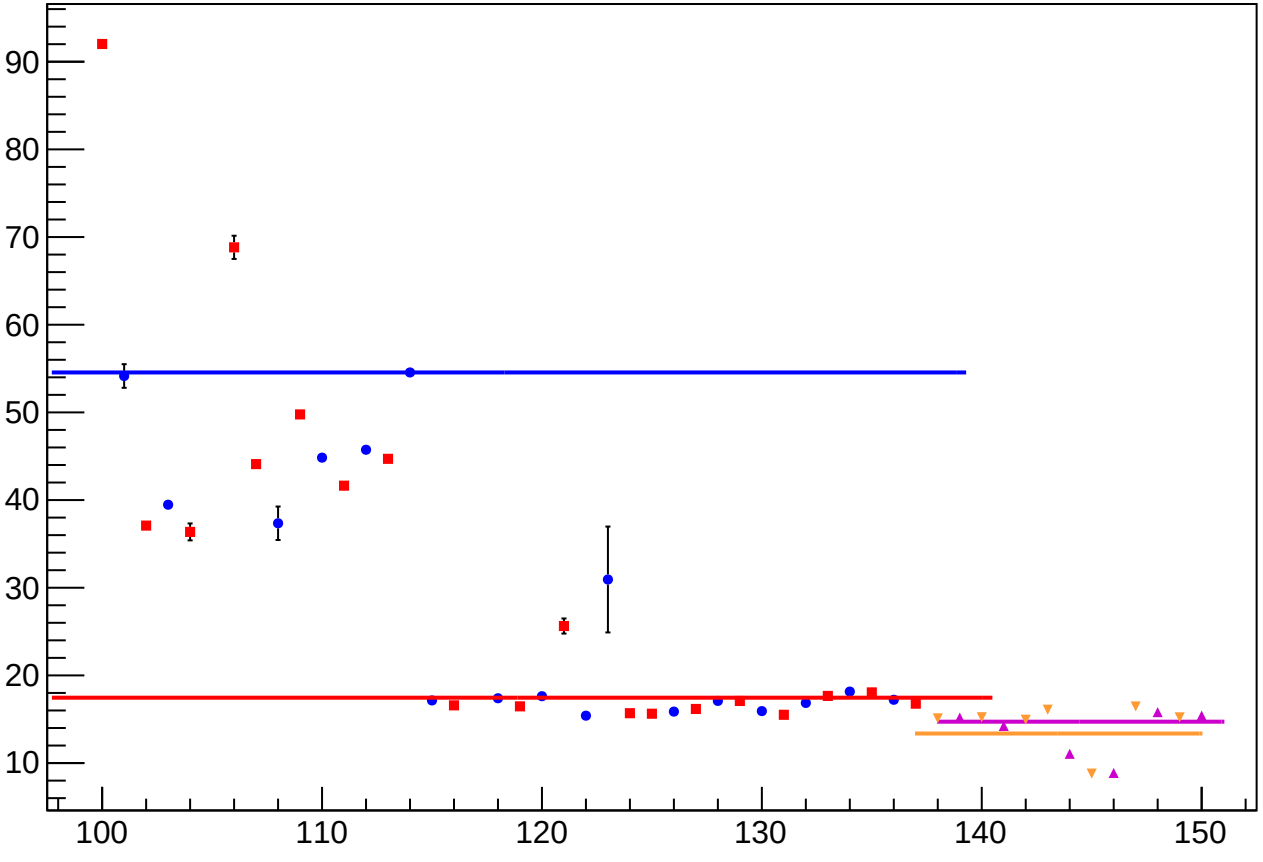
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:215441.9/22

Out: 3.123+/-0.000 χ^2/NDF:935525.8/25

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.371+/-0.012 χ^2/NDF:67817.9/6

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 14.721+/-0.018 χ^2/NDF:7137.5/5

Left: 13.815+/-0.010 χ^2/NDF: 78940.7/12

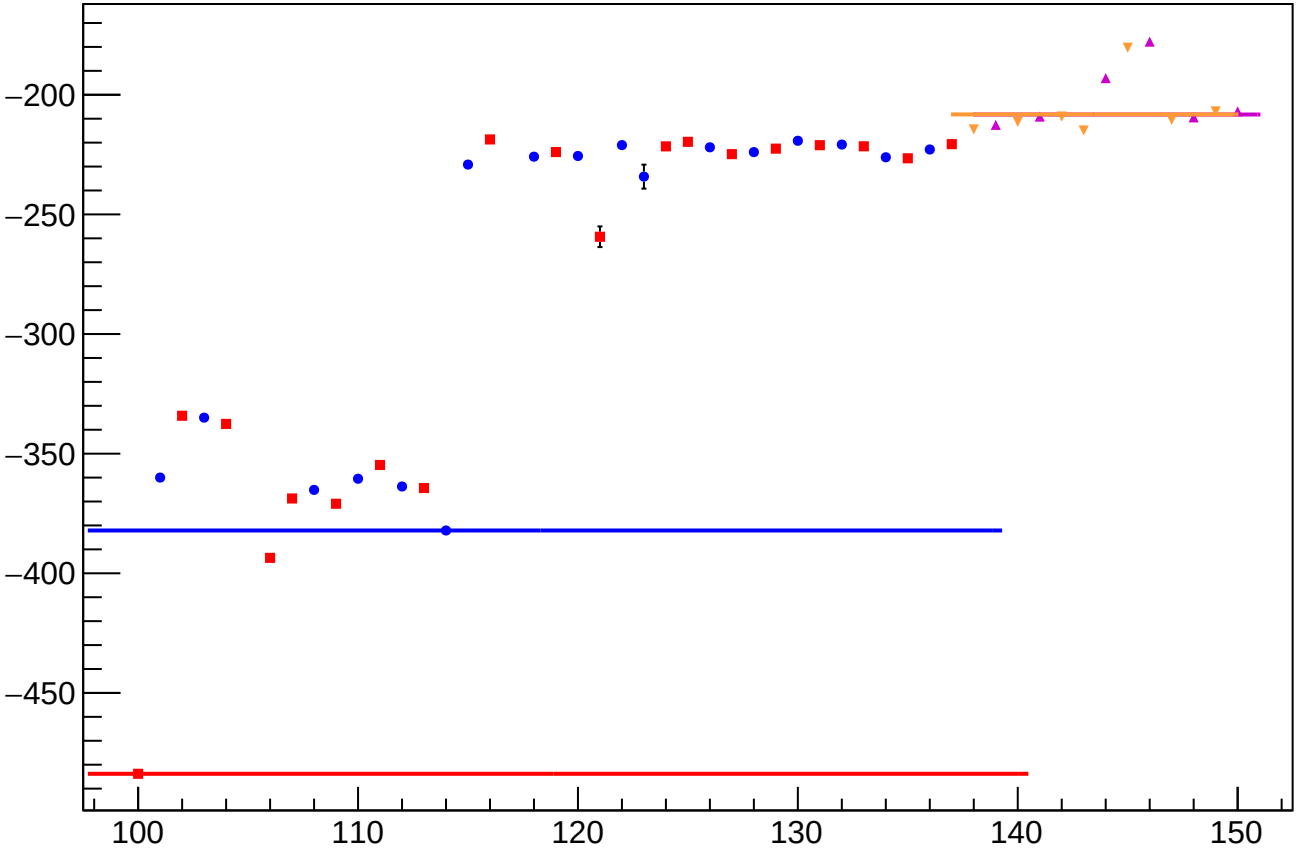
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:12414754.4/22

Out: 14.638+/-0.010 χ^2/NDF:201599.6/25

All: 54.556+/-0.000 χ^2/NDF: 27987430.4/48

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.207+/-0.026 χ^2/NDF:54410.7/6

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -208.252+/-0.028 χ^2/NDF:11247.1/5

Left: -208.227+/-0.019 χ^2/NDF: 65659.2/12

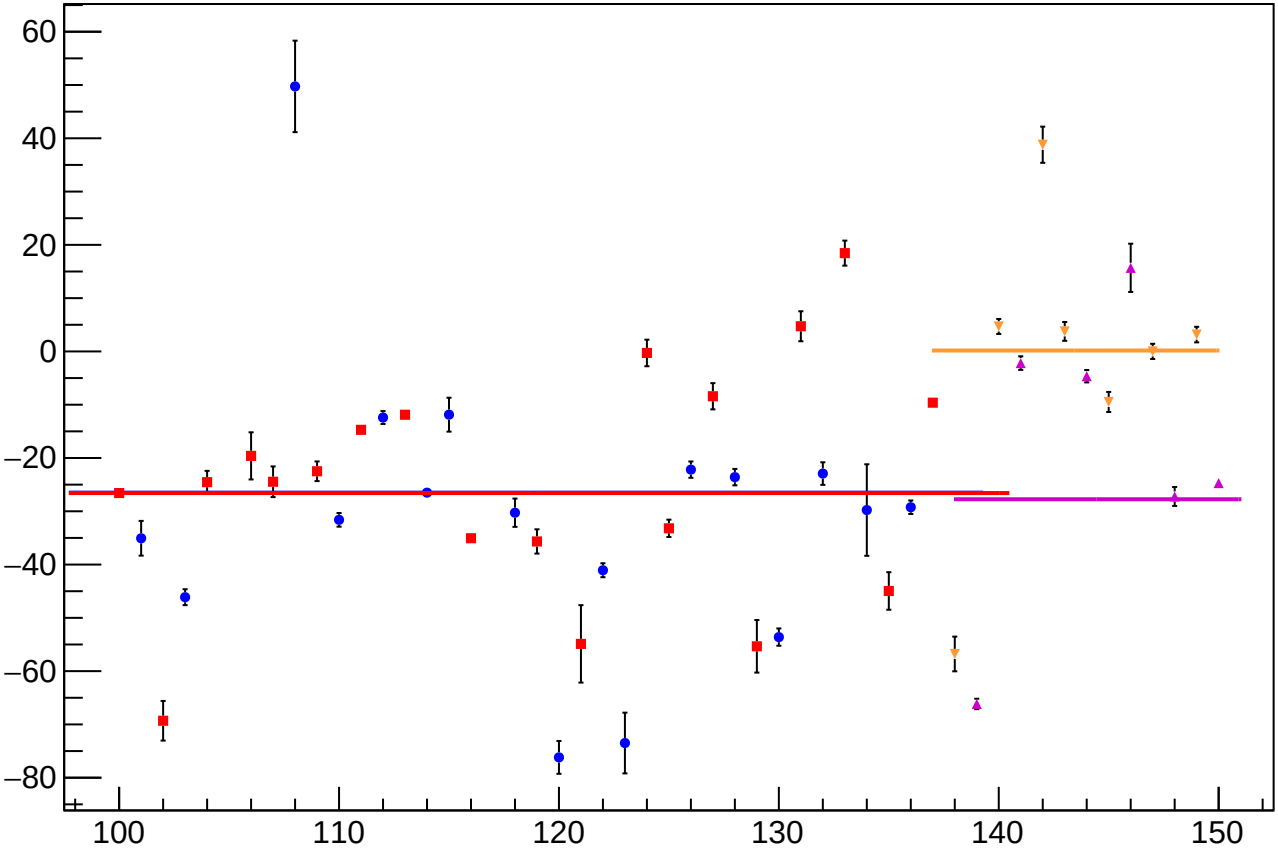
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:57216597.8/22

Out: -483.800+/-0.000 χ^2/NDF:140383769.5/25

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: 0.172+/-0.667 χ^2/NDF:480.6/6

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -27.742+/-0.473 χ^2/NDF:2445.4/5

Left: -18.390+/-0.386 χ^2/NDF: 4091.1/12

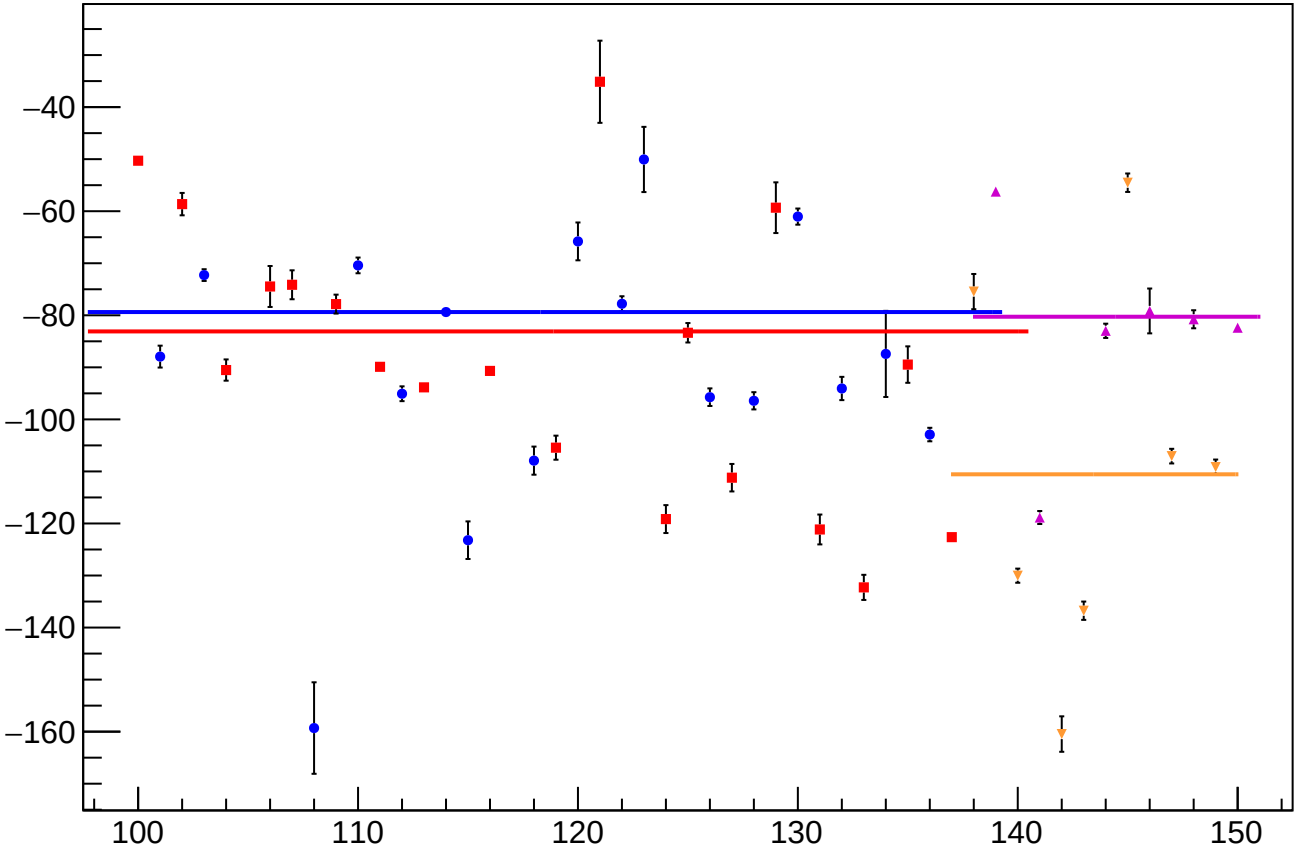
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:3633.0/22

Out: -26.577+/-0.000 χ^2/NDF:4730.5/25

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: -110.553+/-0.654 χ^2/NDF:1755.0/6

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -80.276+/-0.464 χ^2/NDF:1691.6/5

Left: -90.409+/-0.378 χ^2/NDF: 4872.0/12

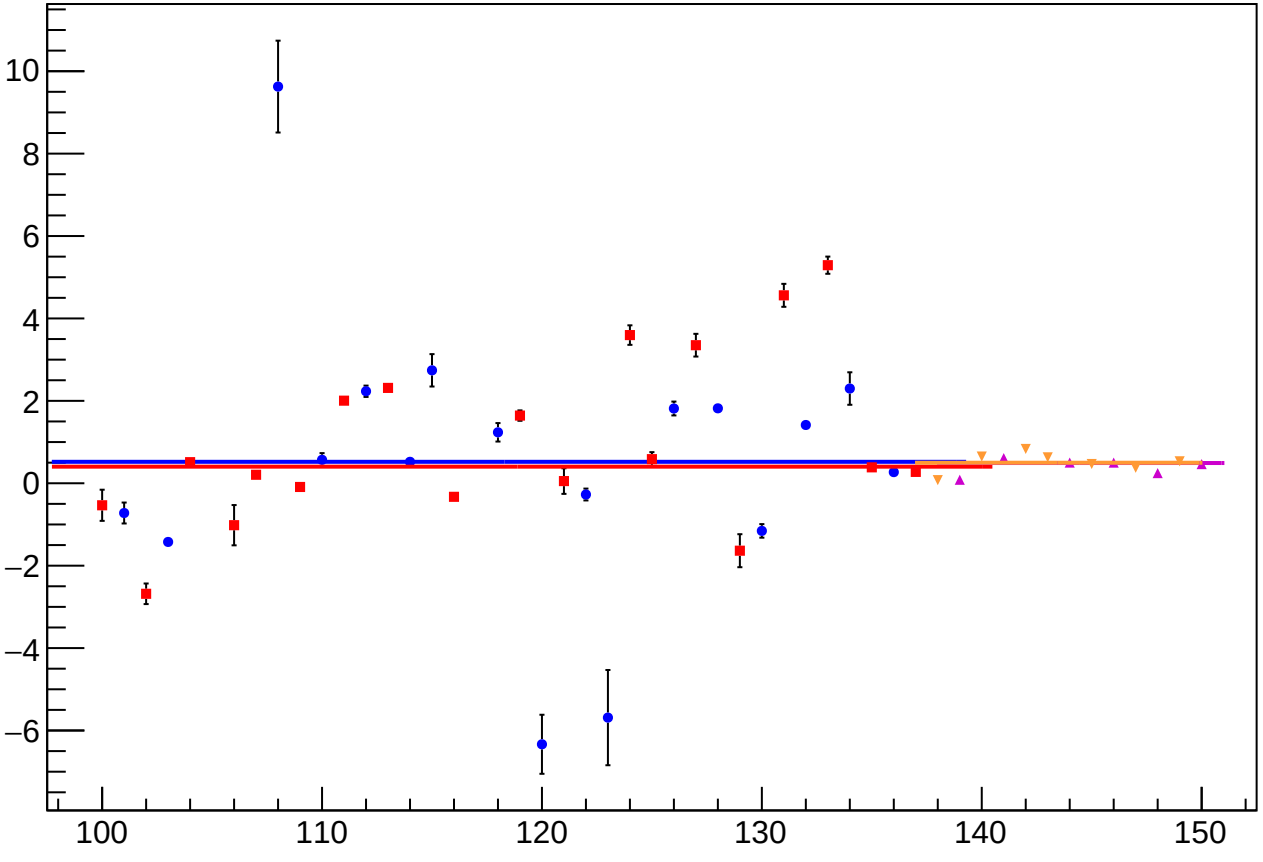
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:3000.0/22

Out: -84.995+/-0.172 χ^2/NDF:15310.7/25

All: -79.376+/-0.000 χ^2/NDF: 19379.0/48

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.498+/-0.004 χ^2/NDF:1264.8/6

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.491+/-0.003 χ^2/NDF:2814.0/5

Left: 0.494+/-0.003 χ^2/NDF: 4080.5/12

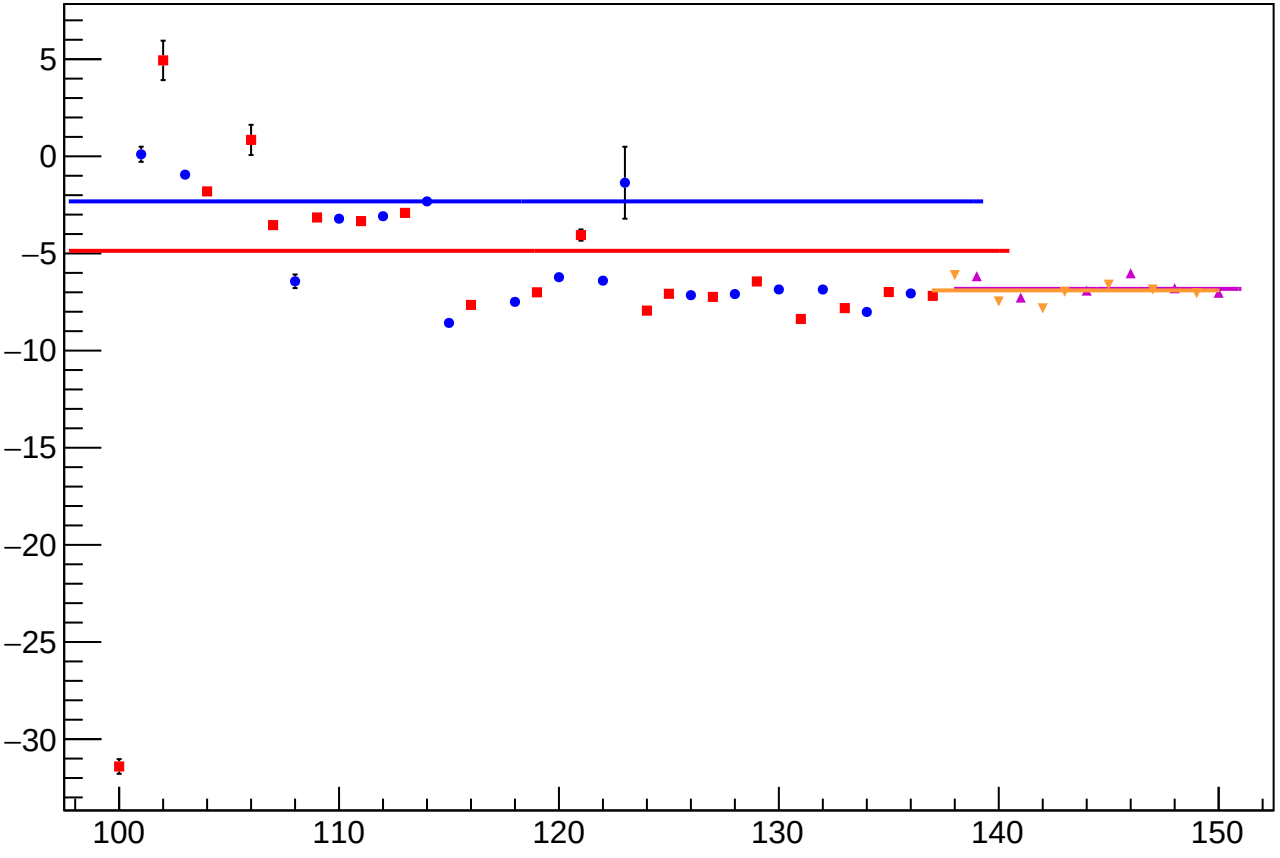
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:6272.8/22

Out: 0.485+/-0.004 χ^2/NDF:4058.0/25

All: 0.521+/-0.000 χ^2/NDF: 10406.6/48

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.900+/-0.006 χ^2/NDF:1668.0/6

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.823+/-0.006 χ^2/NDF:4148.2/5

Left: -6.862+/-0.004 χ^2/NDF: 5909.2/12

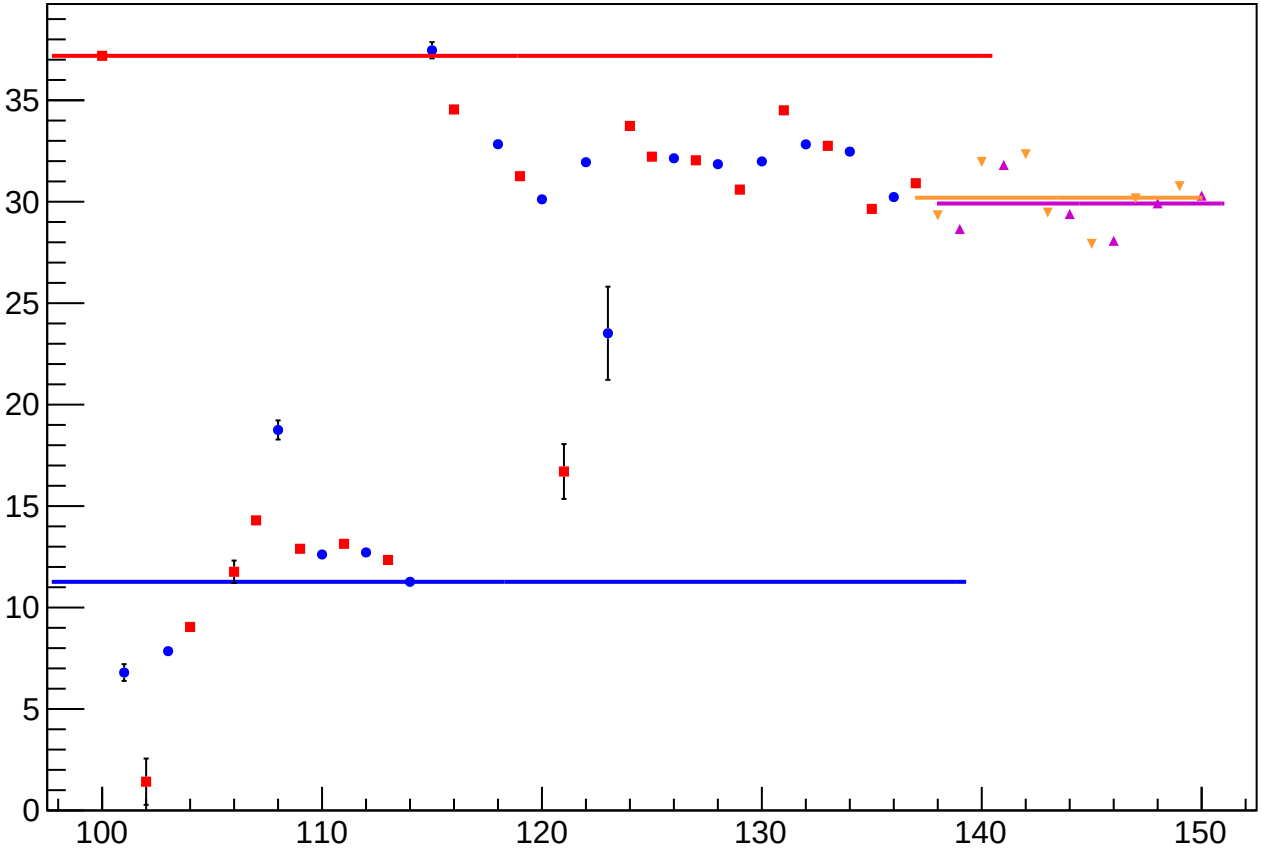
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:912682.8/22

Out: -6.430+/-0.005 χ^2/NDF:81083.1/25

All: -2.320+/-0.000 χ^2/NDF: 1683401.3/48

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 30.198+/-0.021 χ^2/NDF:3959.6/6

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.911+/-0.016 χ^2/NDF:2390.8/5

Left: 30.018+/-0.013 χ^2/NDF: 6468.0/12

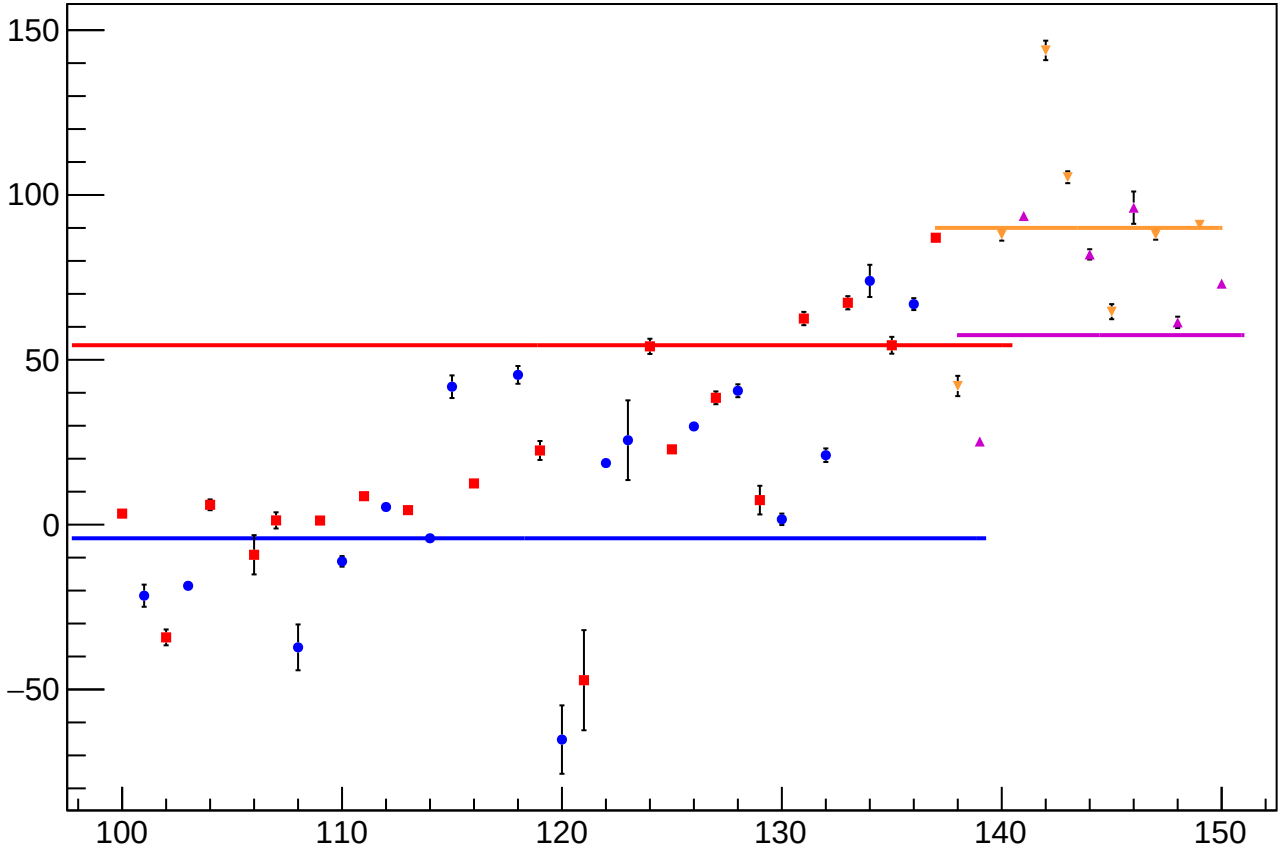
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:2300444.0/22

Out: 37.191+/-0.000 χ^2/NDF:1237762.8/25

All: 12.122+/-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: 90.021+/-0.726 χ^2/NDF:775.3/6

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 57.486+/-0.451 χ^2/NDF:3460.6/5

Left: 66.552+/-0.383 χ^2/NDF: 5686.4/12

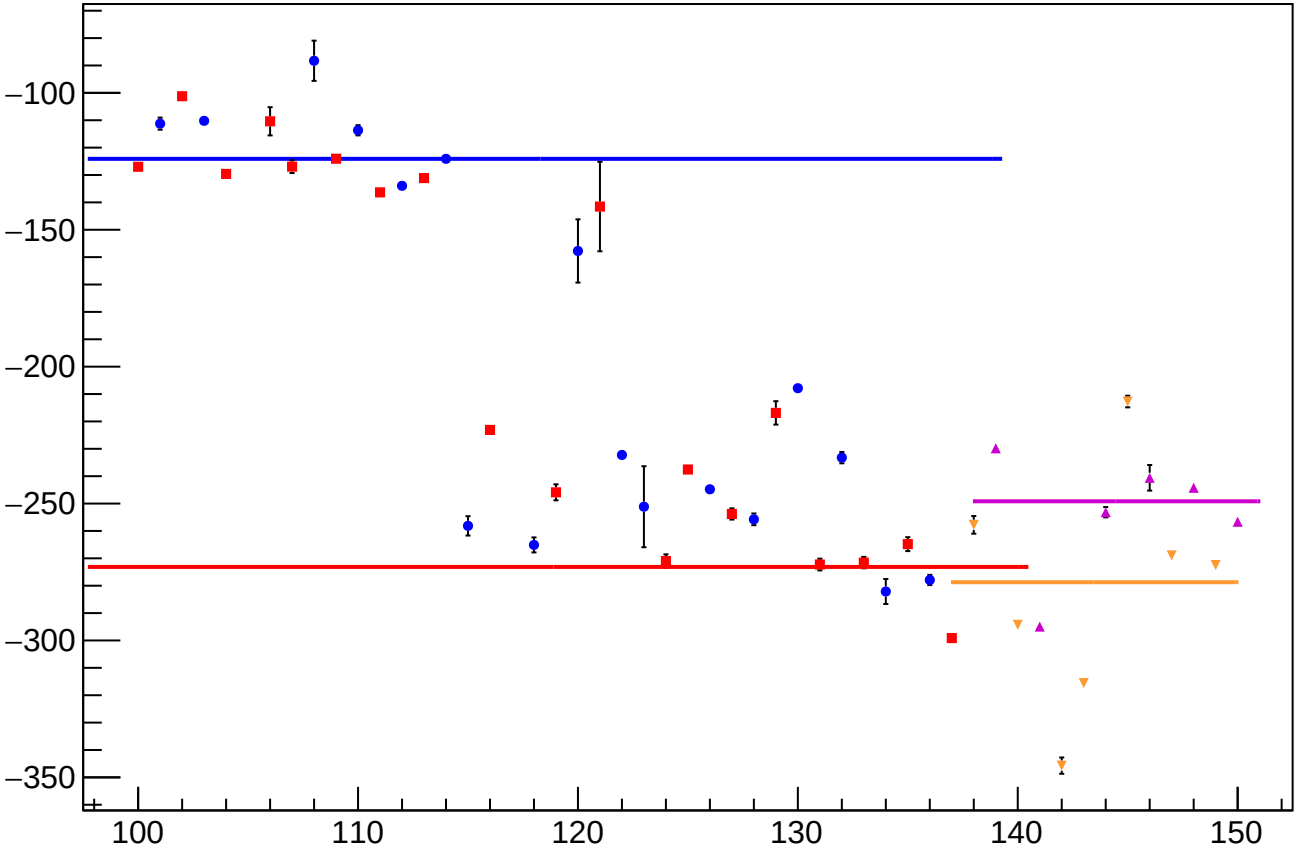
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:26788.1/22

Out: 56.284+/-0.166 χ^2/NDF:57055.2/25

All: -4.139+/-0.000 χ^2/NDF: 216781.5/48

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -278.721+/-0.720 χ^2/NDF:2052.1/6

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -249.174+/-0.436 χ^2/NDF:2277.4/5

Left: -257.104+/-0.373 χ^2/NDF: 5561.0/12

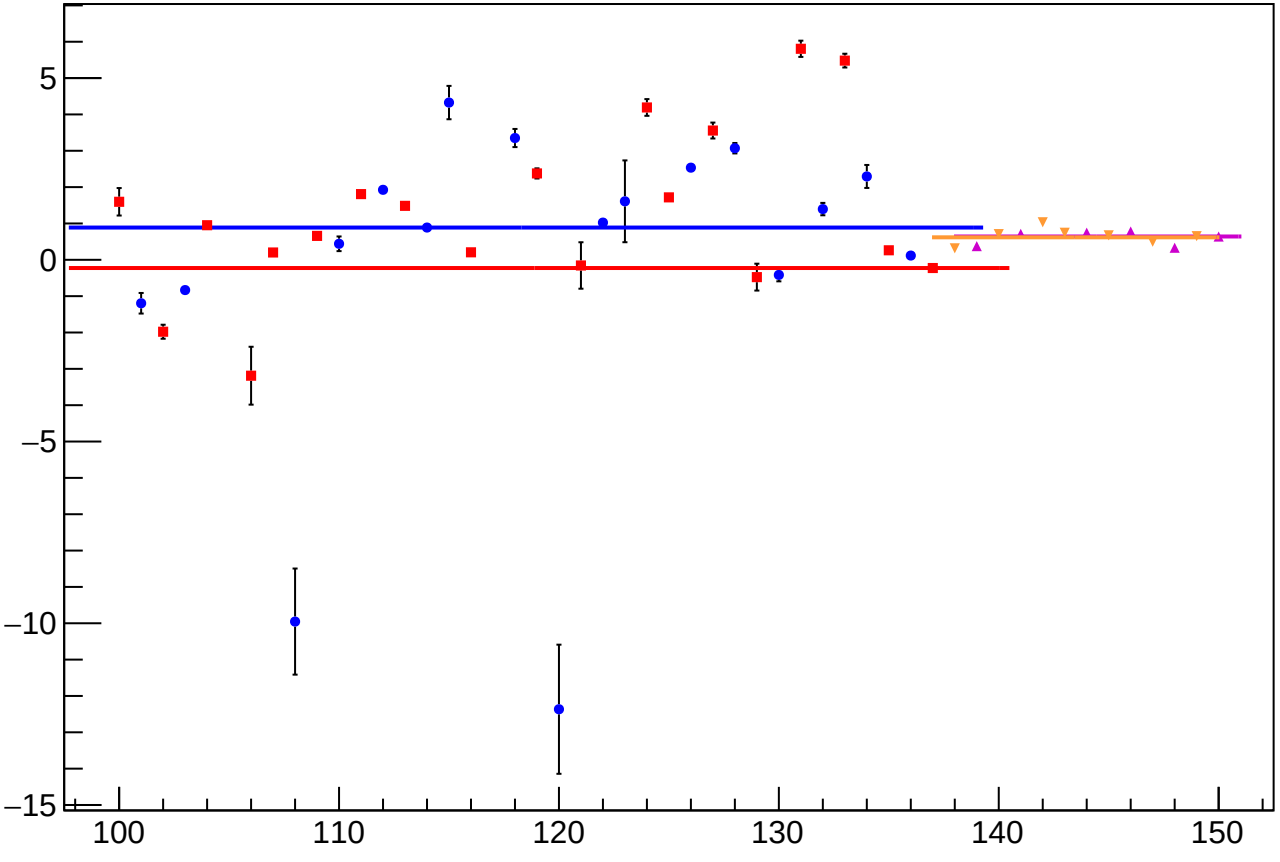
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:122657.2/22

Out: -273.277+/-0.111 χ^2/NDF:282252.6/25

All: -124.095+/-0.000 χ^2/NDF: 2199434.7/48

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.619+/-0.005 χ^2/NDF:1107.8/6

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.642+/-0.004 χ^2/NDF:1055.9/5

Left: 0.632+/-0.003 χ^2/NDF: 2175.5/12

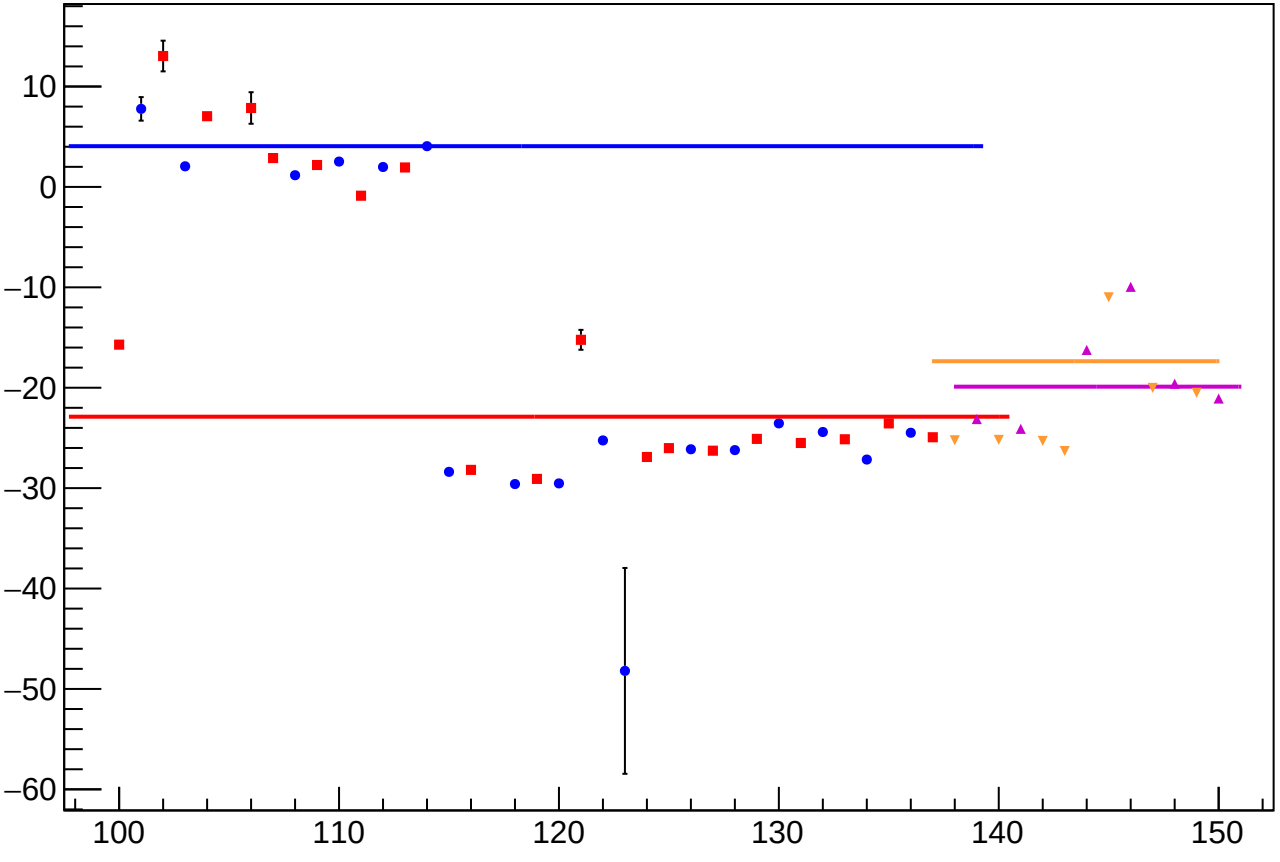
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:12832.9/22

Out: -0.226+/-0.000 χ^2/NDF:34514.8/25

All: 0.888+/-0.000 χ^2/NDF: 422228675.3/48

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -17.360+/-0.023 χ^2/NDF:70134.4/6

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -19.894+/-0.030 χ^2/NDF:17820.2/5

Left: -18.280+/-0.018 χ^2/NDF: 92392.2/12

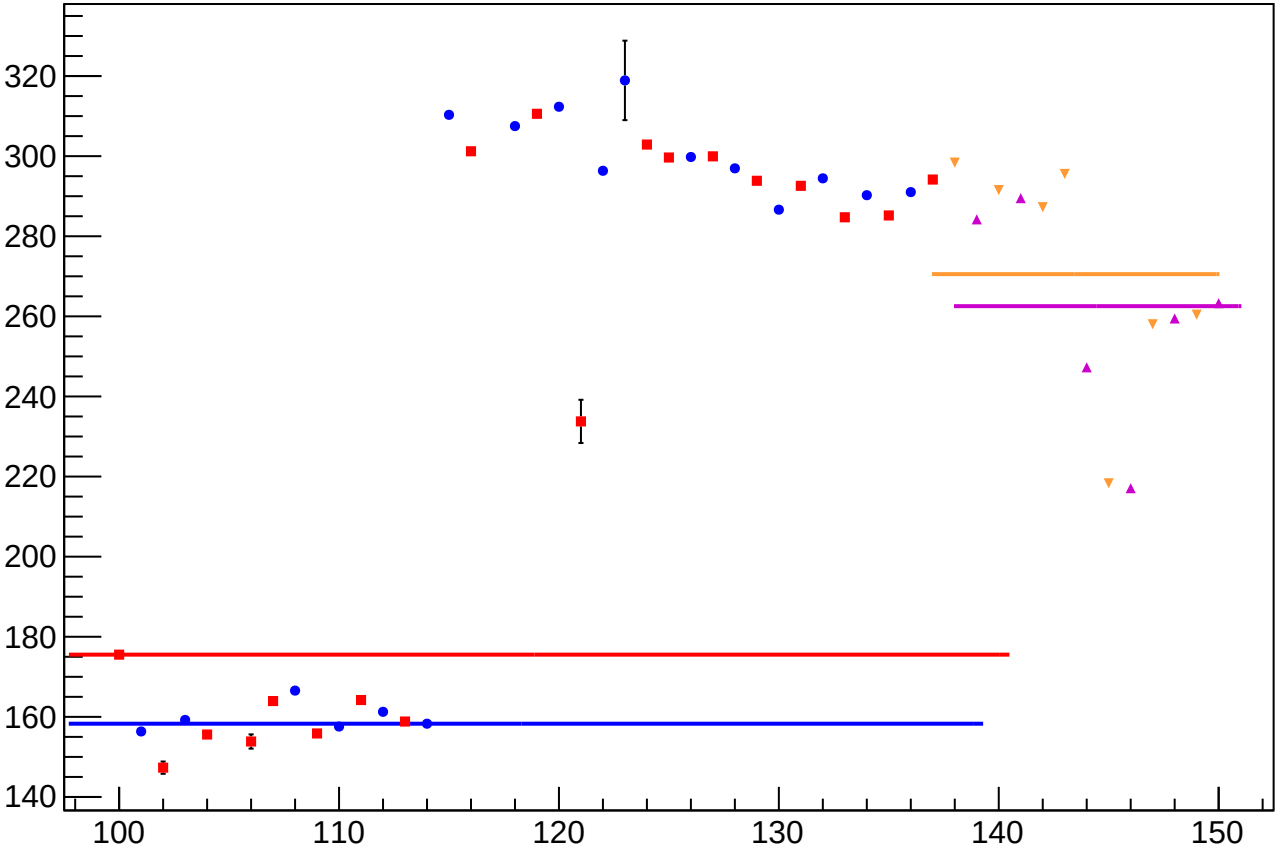
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:1887854.0/22

Out: -19.742+/-0.017 χ^2/NDF:211707.4/25

All: 4.057+/-0.000 χ^2/NDF: 3995993.2/48

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 270.545+/-0.065 χ^2/NDF:169749.9/6

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 262.548+/-0.057 χ^2/NDF:36823.1/5

Left: 265.965+/-0.043 χ^2/NDF: 215122.6/12

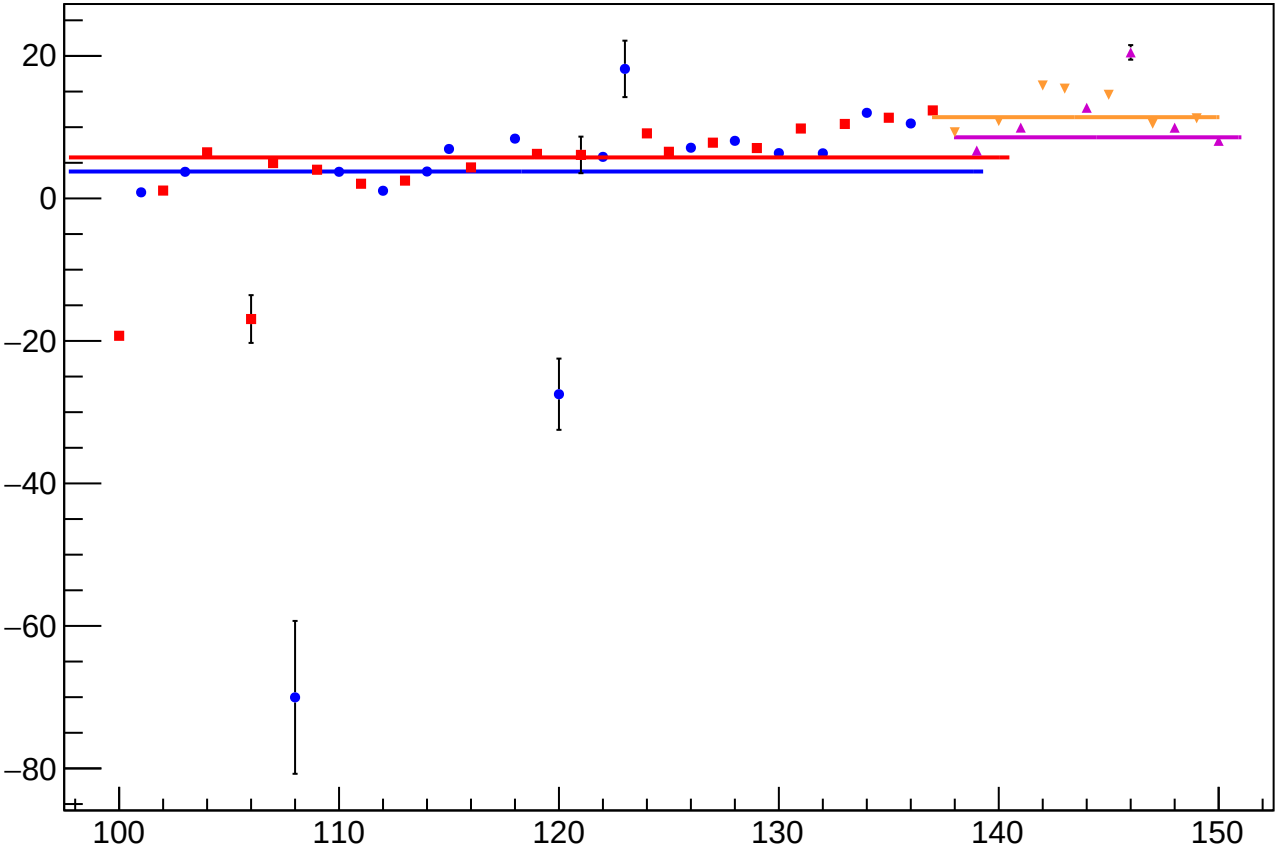
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:5847371.5/22

Out: 175.536+/-0.000 χ^2/NDF:4377029.5/25

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.405+/-0.049 χ^2/NDF:723.4/6

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 8.580+/-0.045 χ^2/NDF:1472.8/5

Left: 9.856+/-0.033 χ^2/NDF: 3998.5/12

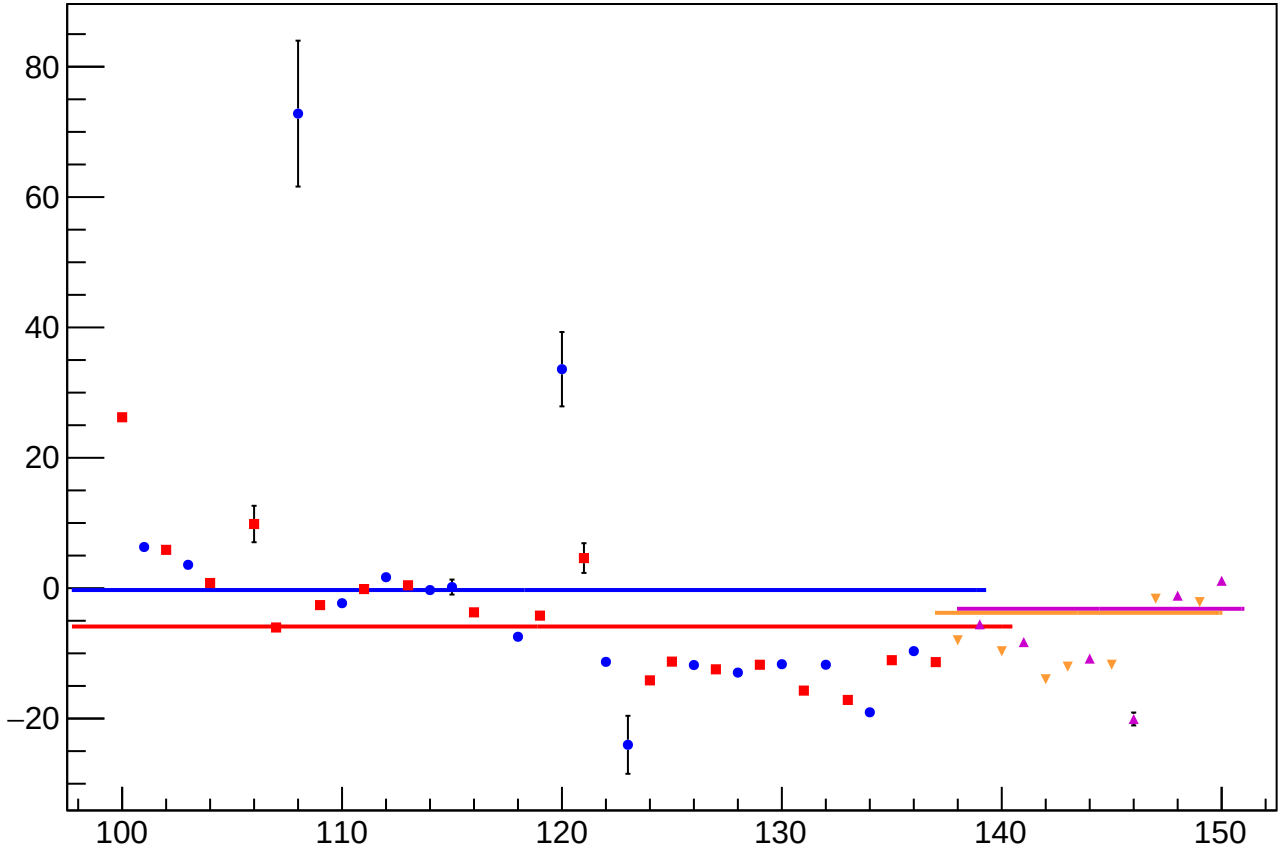
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:19876.9/22

Out: 6.968+/-0.023 χ^2/NDF:33337.8/25

All: 3.778+/-0.000 χ^2/NDF: 72739.4/48

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -3.782+/-0.049 χ^2/NDF:5455.8/6

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -3.164+/-0.045 χ^2/NDF:9252.1/5

Left: -3.449+/-0.033 χ^2/NDF: 14793.2/12

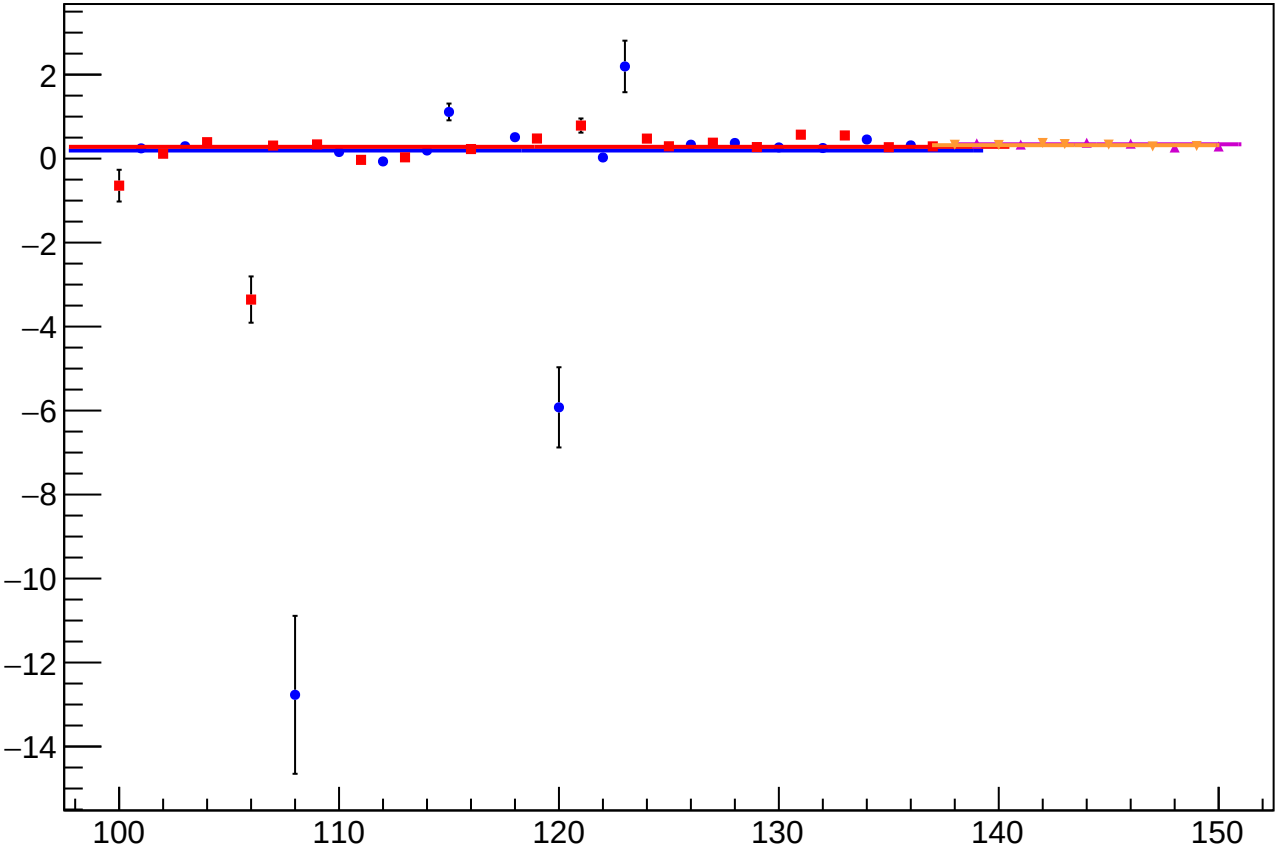
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:57528.3/22

Out: -5.388+/-0.024 χ^2/NDF:70350.3/25

All: -0.287+/-0.000 χ^2/NDF: 173837.9/48

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.320+/-0.001 χ^2/NDF:563.2/6

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.341+/-0.001 χ^2/NDF:2027.6/5

Left: 0.329+/-0.001 χ^2/NDF: 2829.5/12

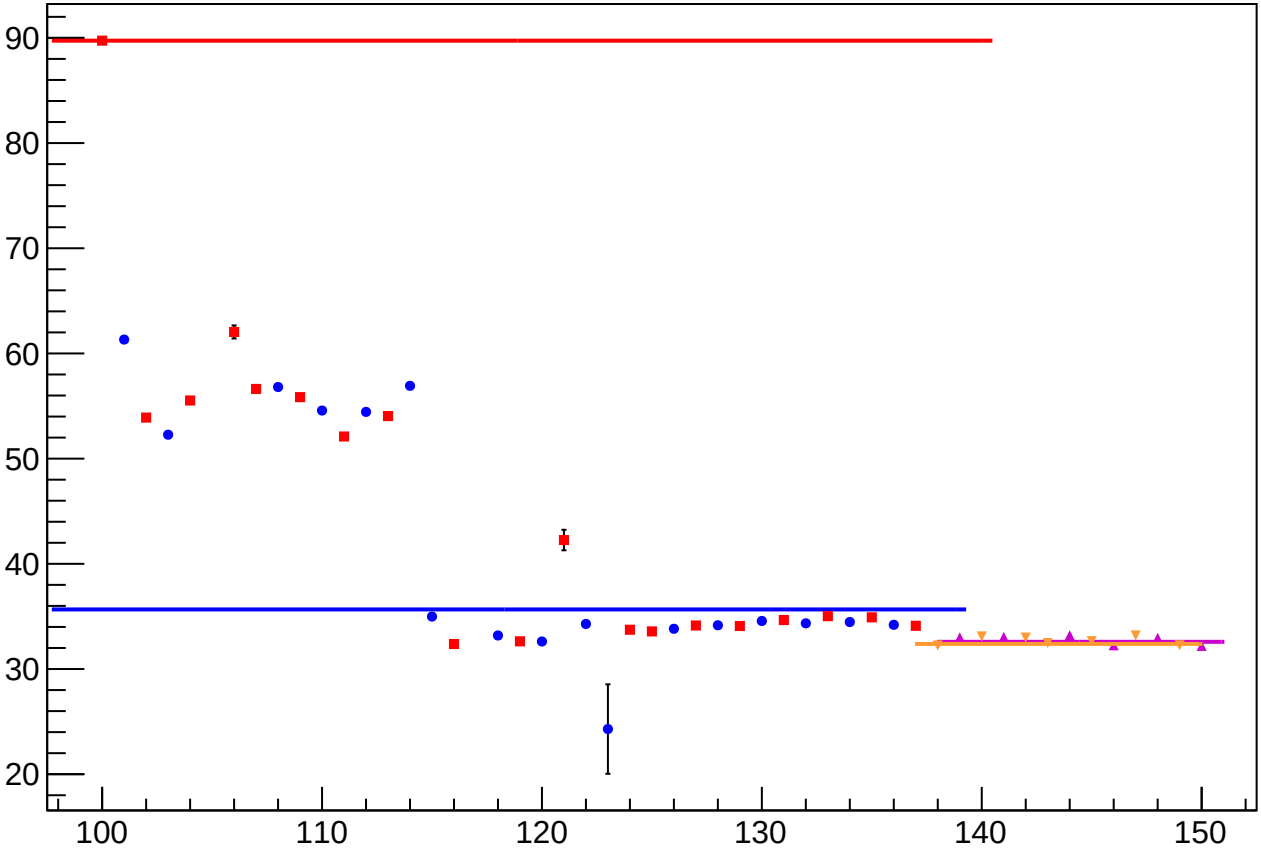
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:32671.6/22

Out: 0.309+/-0.001 χ^2/NDF:7129.1/25

All: 0.193+/-0.000 χ^2/NDF: 61645.7/48

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.386+/-0.007 χ^2/NDF:1466.7/6

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.586+/-0.009 χ^2/NDF:2134.8/5

Left: 32.454+/-0.006 χ^2/NDF: 3897.8/12

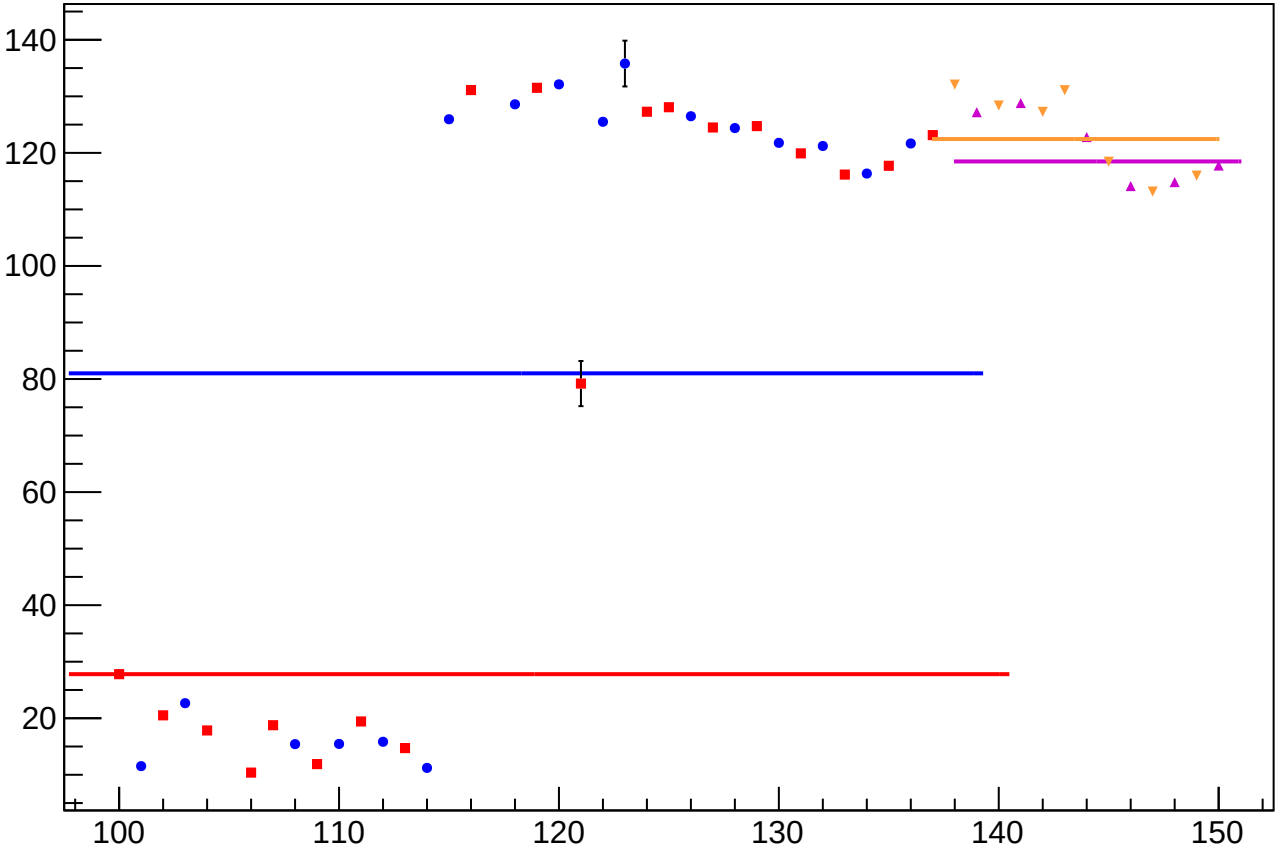
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 33.845+/-0.007 χ^2/NDF:264134.4/22

Out: 89.735+/-0.000 χ^2/NDF:97001691.9/25

All: 89.735+/-0.000 χ^2/NDF: 156375873.1/48

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 122.450+/-0.025 χ^2/NDF:78245.4/6

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 118.486+/-0.024 χ^2/NDF:27605.5/5

Left: 120.344+/-0.017 χ^2/NDF: 118887.2/12

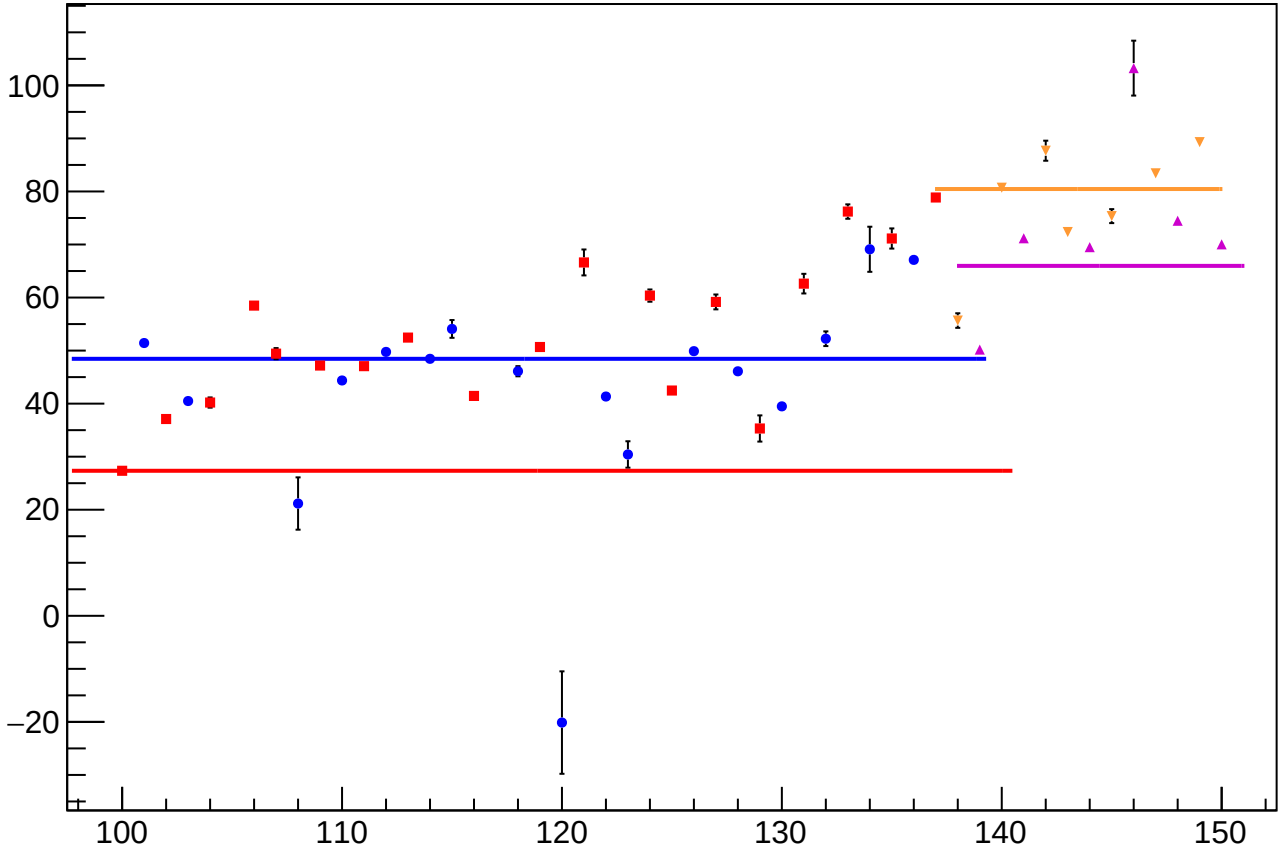
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 106.438+/-0.020 χ^2/NDF:3055893.4/22

Out: 27.798+/-0.000 χ^2/NDF:23250822.4/25

All: 27.798+/-0.000 χ^2/NDF: 42441068.7/48

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 80.460+/-0.329 χ^2/NDF:658.2/6

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 65.972+/-0.244 χ^2/NDF:1316.9/5

Left: 71.095+/-0.196 χ^2/NDF: 3226.5/12

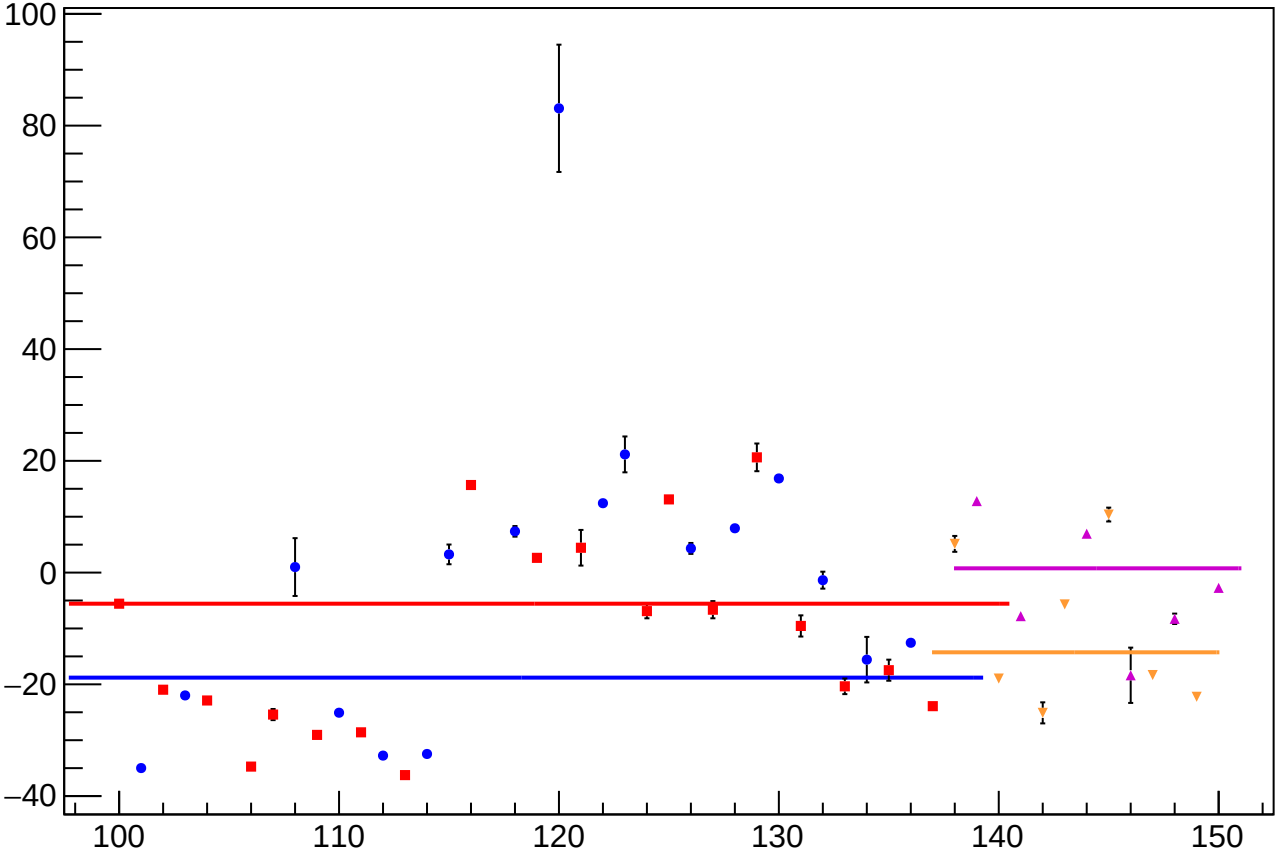
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:9243.2/22

Out: 27.342+/-0.000 χ^2/NDF:52490.7/25

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -14.268+/-0.325 χ^2/NDF:962.2/6

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 0.763+/-0.238 χ^2/NDF:1103.0/5

Left: -4.471+/-0.192 χ^2/NDF: 3457.5/12

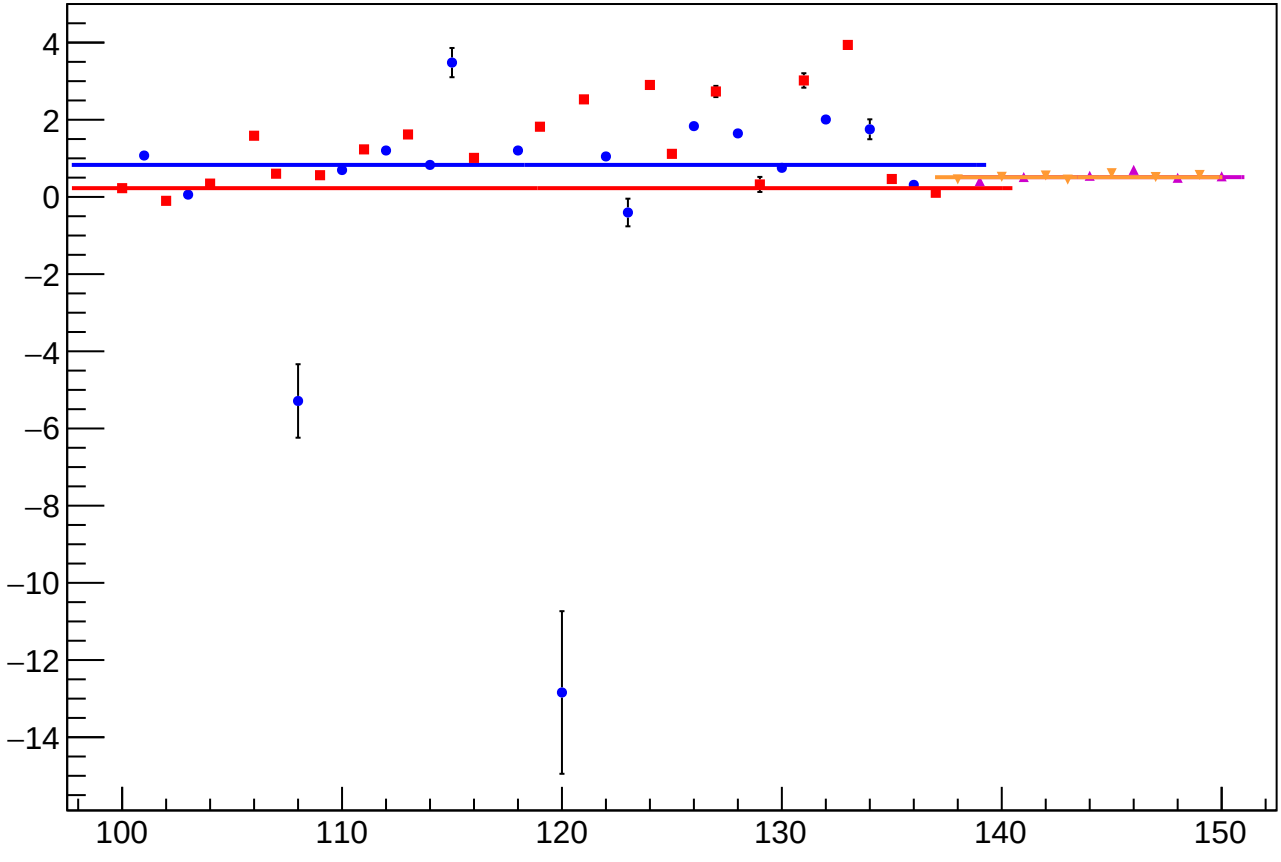
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -13.312+/-0.126 χ^2/NDF:17740.3/22

Out: -5.568+/-0.000 χ^2/NDF:24775.2/25

All: -5.568+/-0.000 χ^2/NDF: 46298.7/48

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.511+/-0.002 χ^2/NDF:486.6/6

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.513+/-0.002 χ^2/NDF:498.3/5

Left: 0.512+/-0.001 χ^2/NDF: 985.2/12

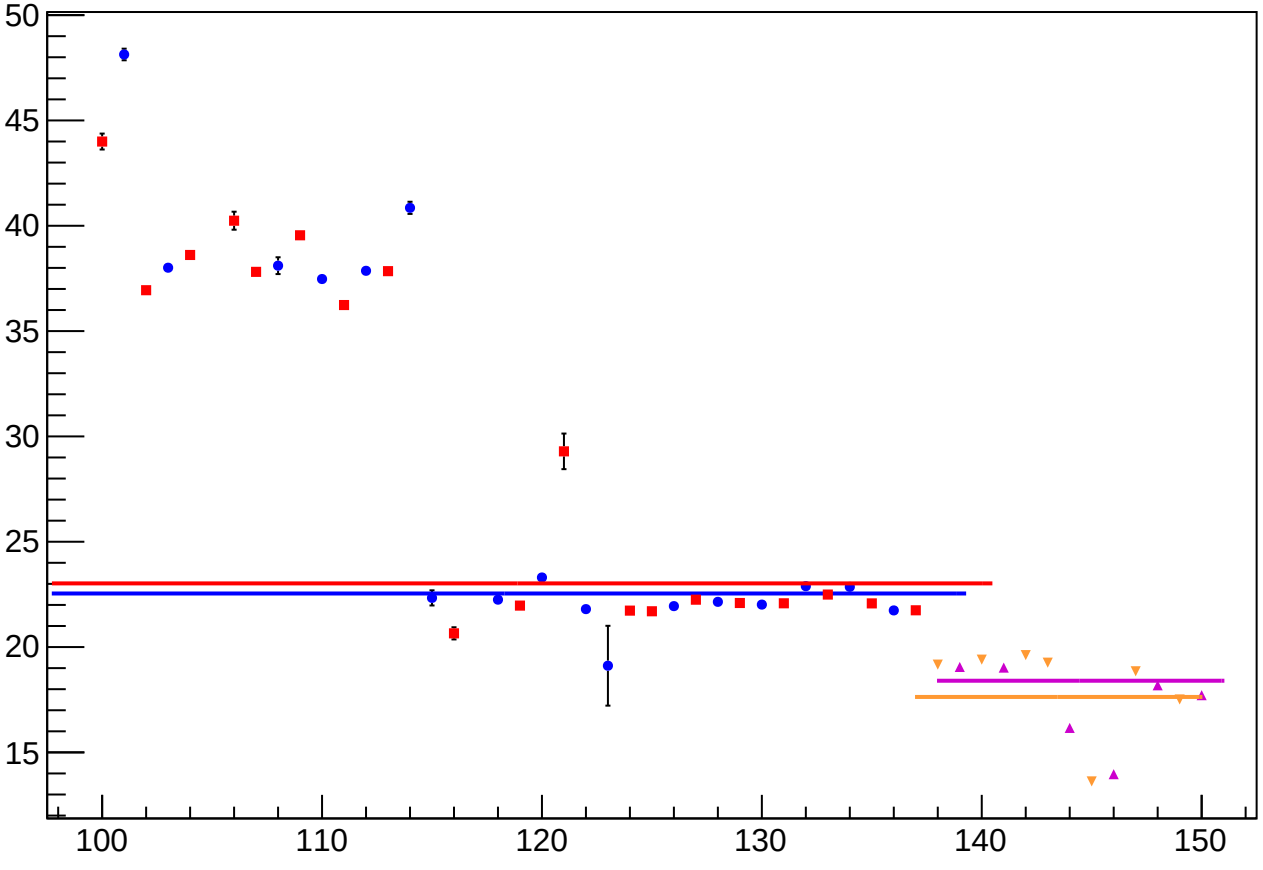
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:39419.3/22

Out: 0.227+/-0.000 χ^2/NDF:30648.1/25

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.632+/-0.009 χ^2/NDF:67798.1/6

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 18.402+/-0.013 χ^2/NDF:8079.7/5

Left: 17.875+/-0.007 χ^2/NDF: 78172.0/12

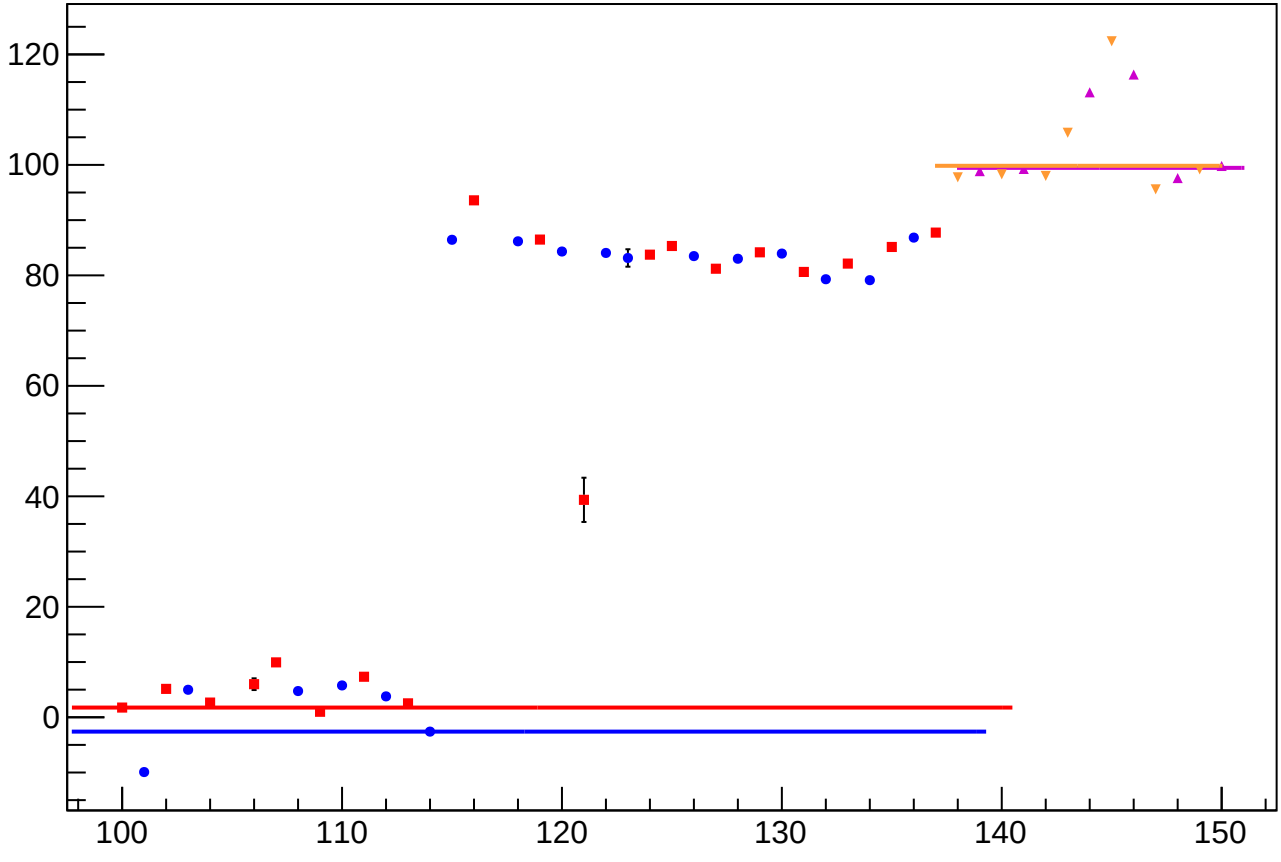
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 21.181+/-0.008 χ^2/NDF:178620.1/22

Out: 20.322+/-0.006 χ^2/NDF:411534.9/25

All: 20.676+/-0.005 χ^2/NDF: 597599.0/48

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.836+/-0.018 χ^2/NDF:56965.9/6

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 99.463+/-0.021 χ^2/NDF:5494.1/5

Left: 99.680+/-0.014 χ^2/NDF: 62643.1/12

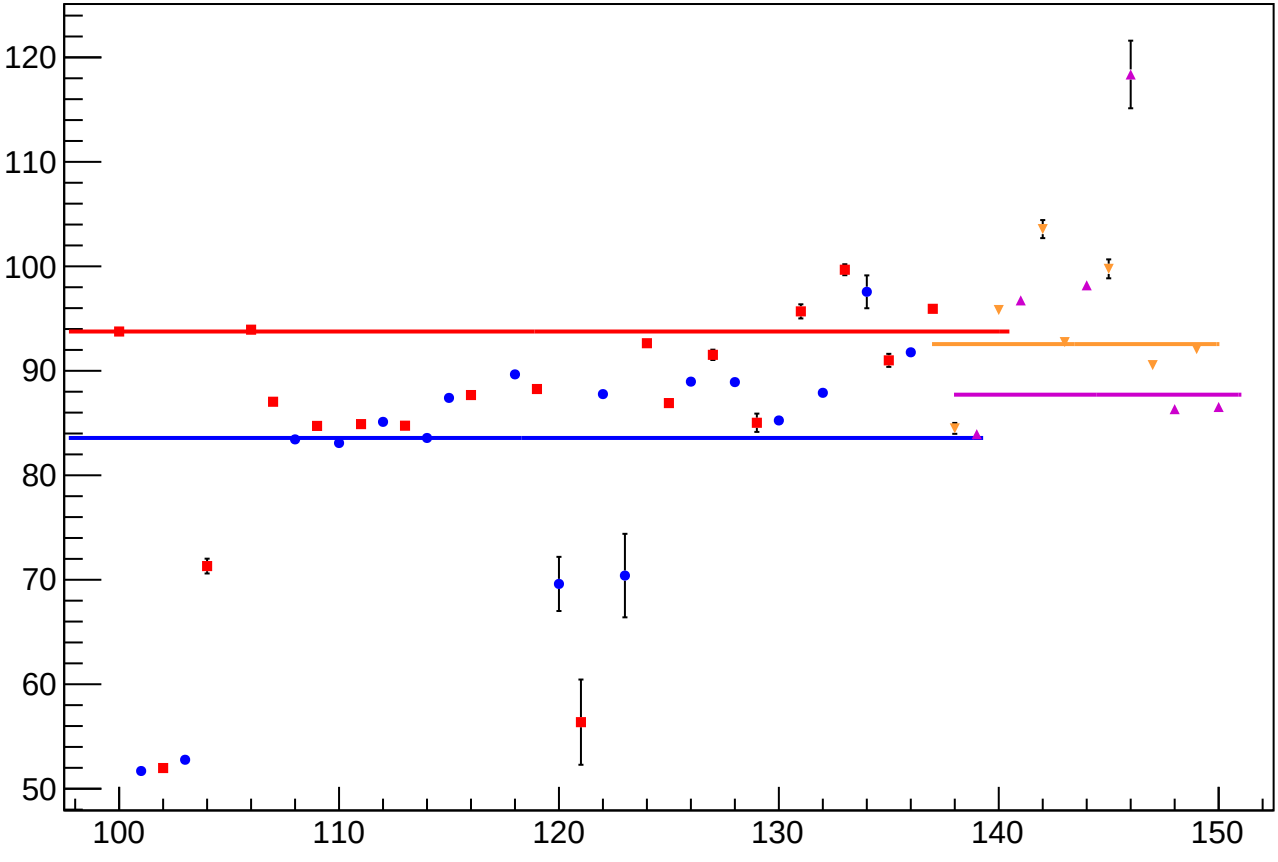
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:31096704.8/22

Out: 1.758+/-0.000 χ^2/NDF:34557552.6/25

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 92.558+/-0.132 χ^2/NDF:634.7/6

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 87.717+/-0.100 χ^2/NDF:2251.8/5

Left: 89.498+/-0.080 χ^2/NDF: 3742.6/12

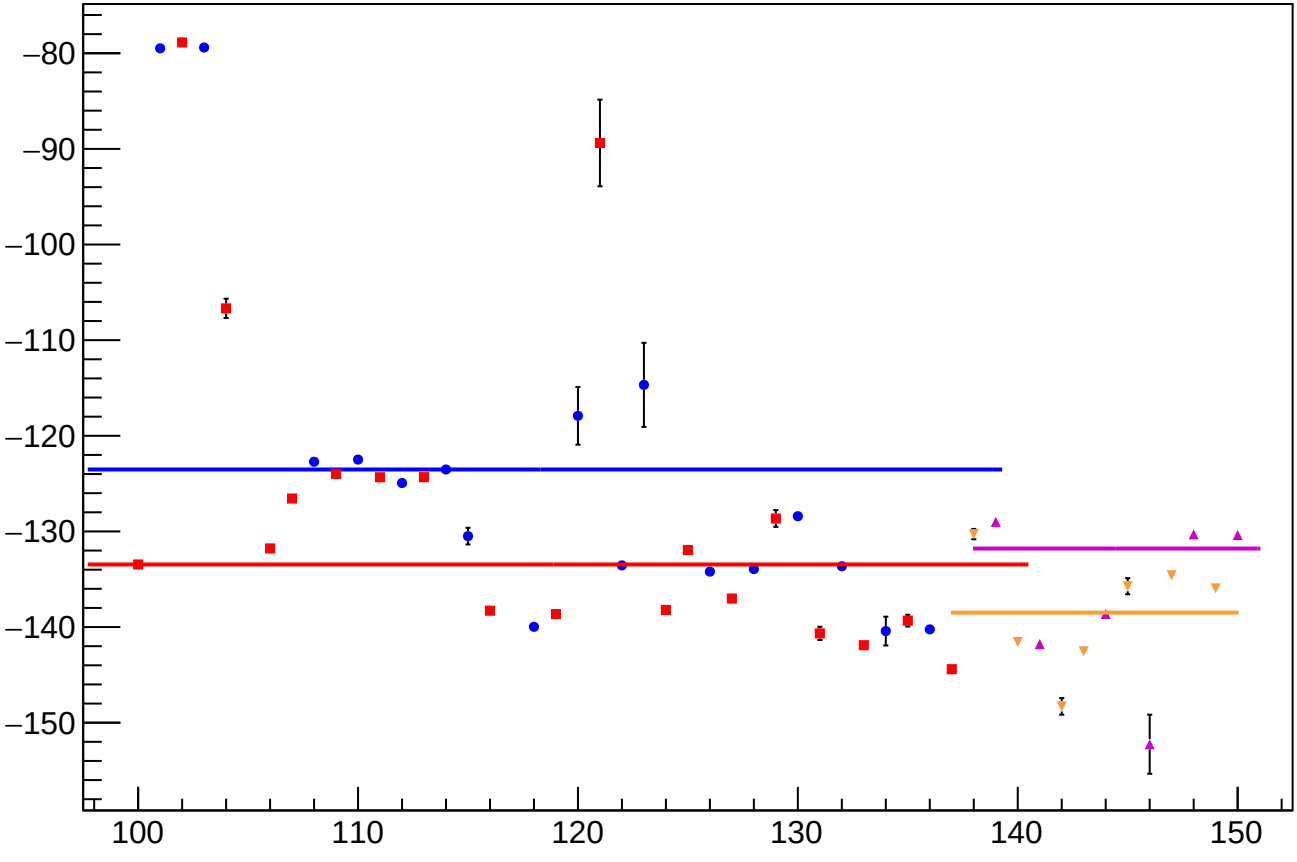
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:53424.0/22

Out: 93.762+/-0.000 χ^2/NDF:83567.3/25

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -138.491+/-0.131 χ^2/NDF:1020.5/6

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -131.792+/-0.097 χ^2/NDF:1892.0/5

Left: -134.172+/-0.078 χ^2/NDF: 4609.4/12

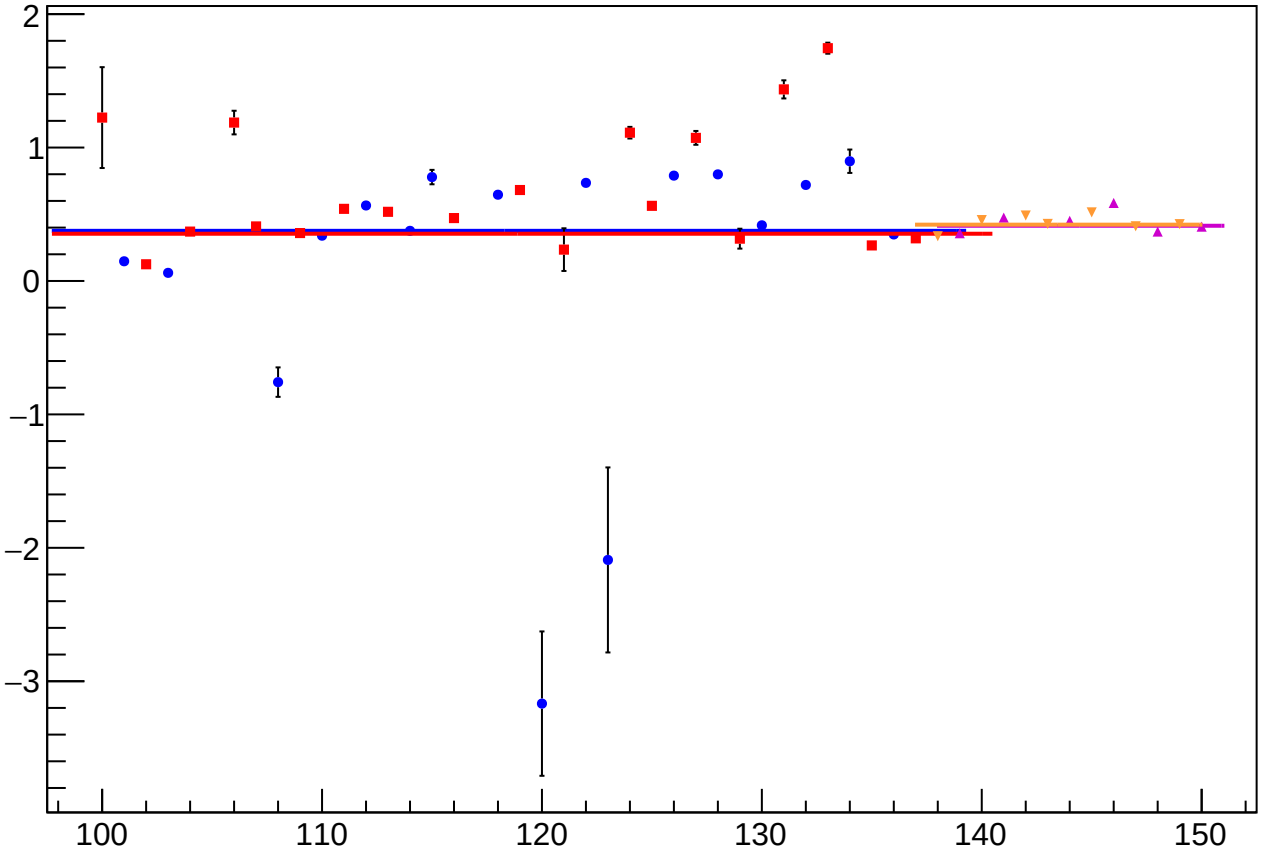
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:169521.3/22

Out: -133.456+/-0.000 χ^2/NDF:397403.6/25

All: -124.716+/-0.000 χ^2/NDF: 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.422+/-0.001 χ^2/NDF:769.4/6

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.414+/-0.001 χ^2/NDF:2851.5/5

Left: 0.418+/-0.001 χ^2/NDF: 3663.4/12

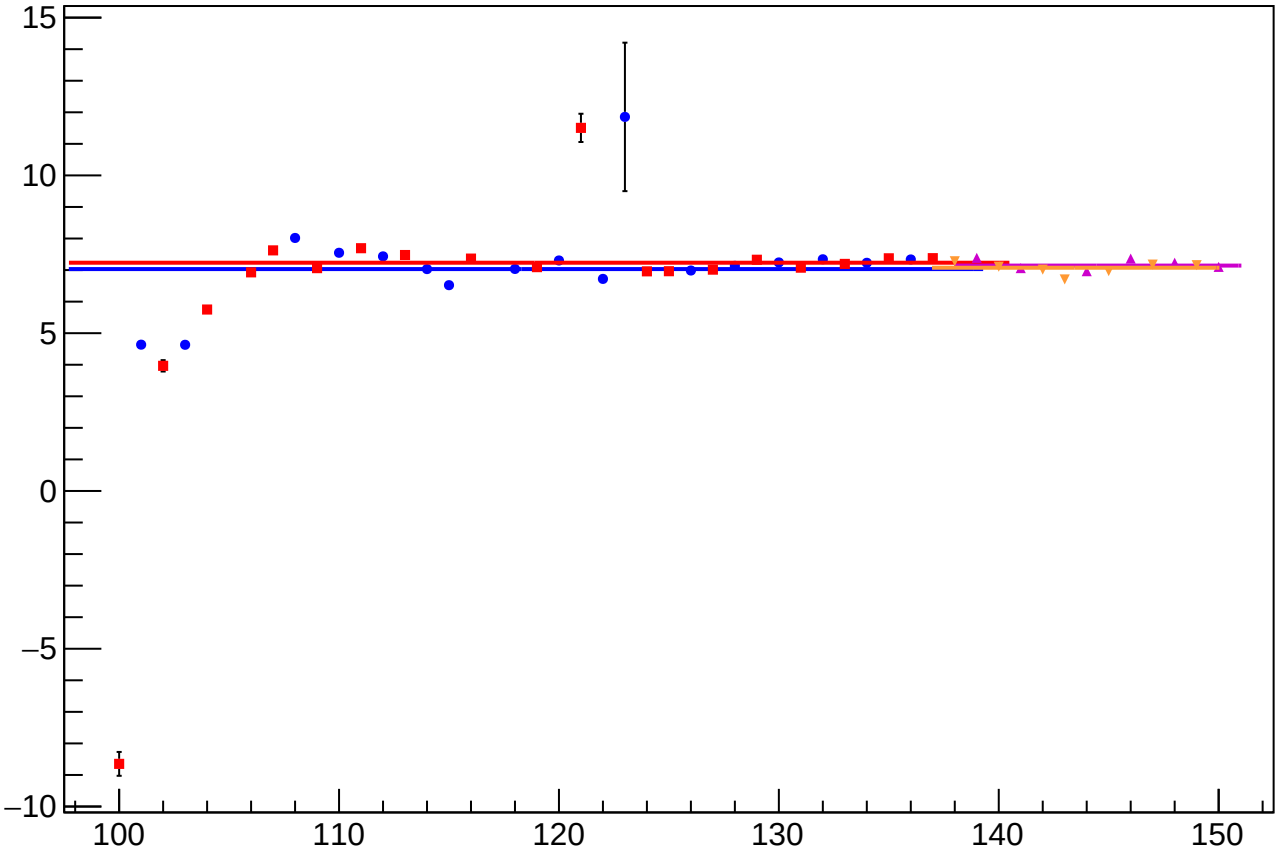
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:8597.9/22

Out: 0.405+/-0.001 χ^2/NDF:6877.0/25

All: 0.376+/-0.000 χ^2/NDF: 16922.0/48

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.074+/-0.002 χ^2/NDF:11638.0/6

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.142+/-0.002 χ^2/NDF:6439.6/5

Left: 7.106+/-0.001 χ^2/NDF: 18878.6/12

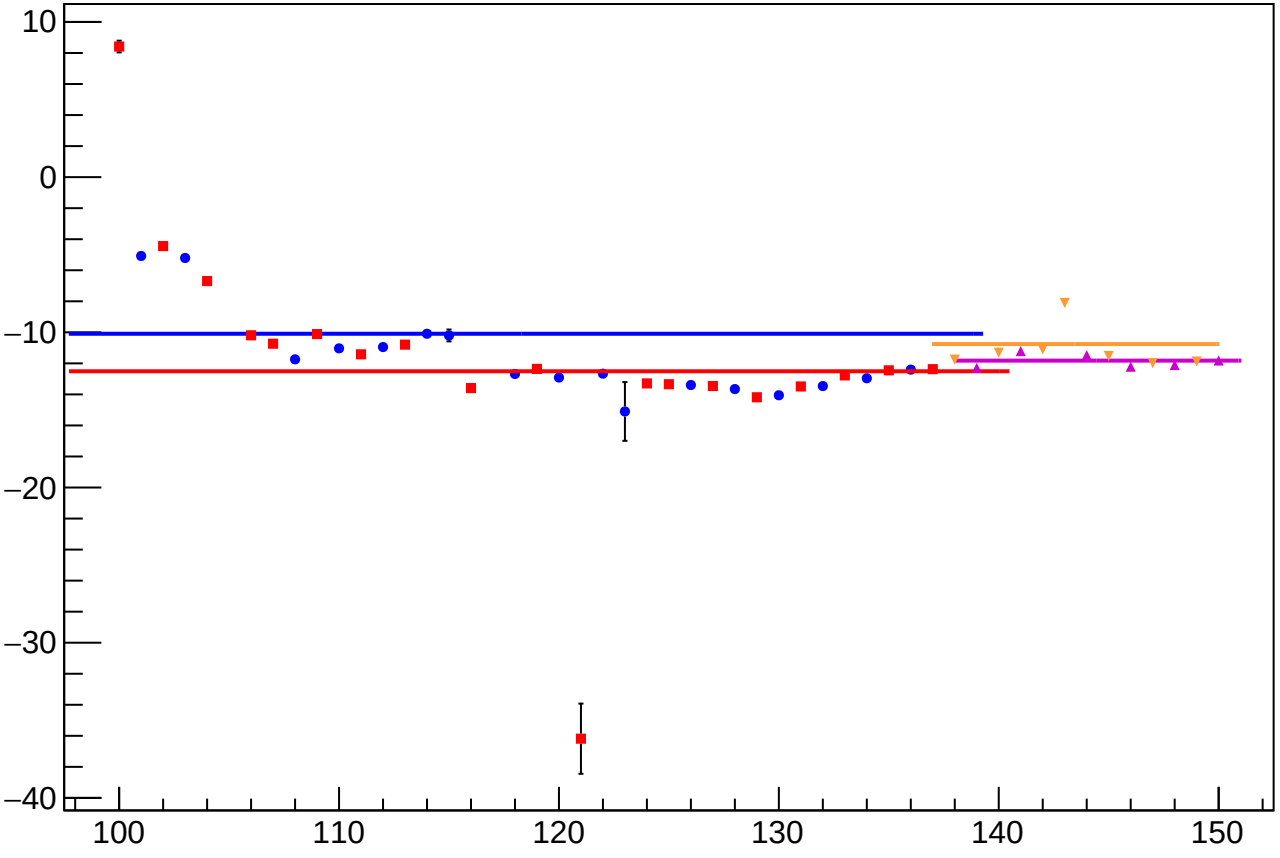
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:30152.3/22

Out: 7.125+/-0.001 χ^2/NDF:24723.4/25

All: 7.032+/-0.000 χ^2/NDF: 59681.6/48

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -10.757+/-0.003 χ^2/NDF:278822.1/6

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -11.823+/-0.004 χ^2/NDF:7267.1/5

Left: -11.207+/-0.002 χ^2/NDF: 332571.5/12

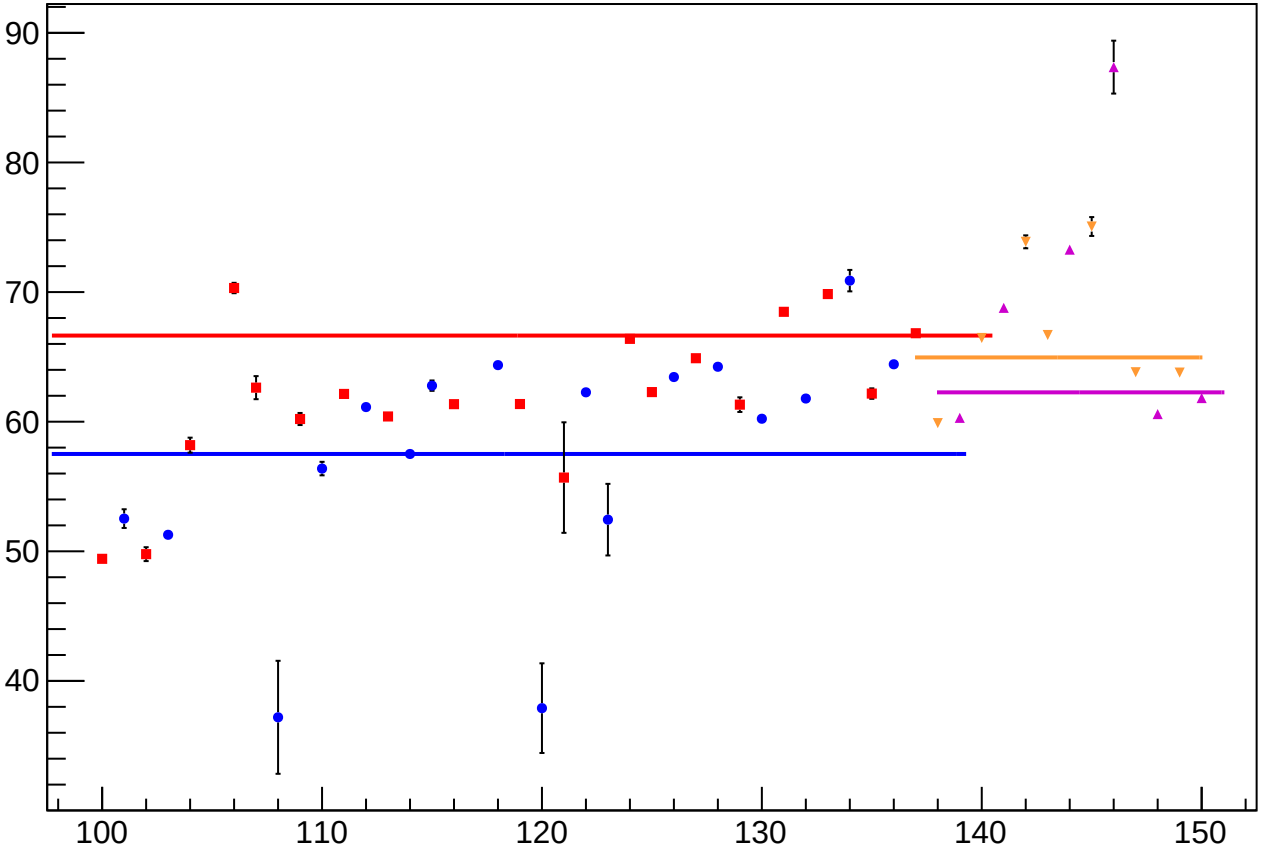
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:763176.7/22

Out: -11.498+/-0.002 χ^2/NDF:508128.5/25

All: -10.092+/-0.000 χ^2/NDF: 1603653.5/48

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 64.958+/-0.084 χ^2/NDF:1057.4/6

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 62.263+/-0.062 χ^2/NDF:2549.0/5

Left: 63.206+/-0.050 χ^2/NDF: 4268.6/12

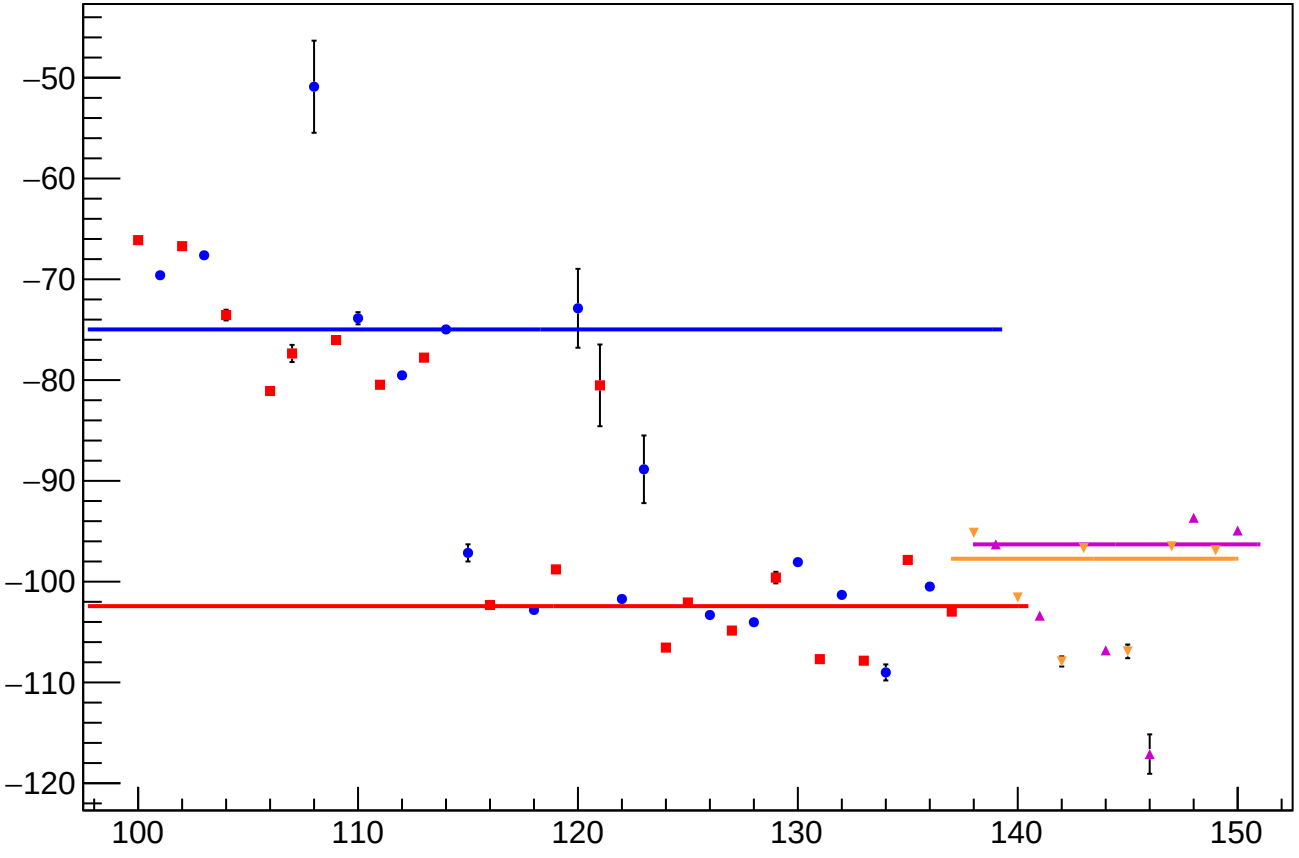
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:16545.0/22

Out: 66.605+/-0.013 χ^2/NDF:9610.7/25

All: 57.510+/-0.000 χ^2/NDF: 521713.6/48

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -97.726+/-0.085 χ^2/NDF:1061.8/6

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -96.300+/-0.065 χ^2/NDF:2766.9/5

Left: -96.820+/-0.051 χ^2/NDF: 4006.9/12

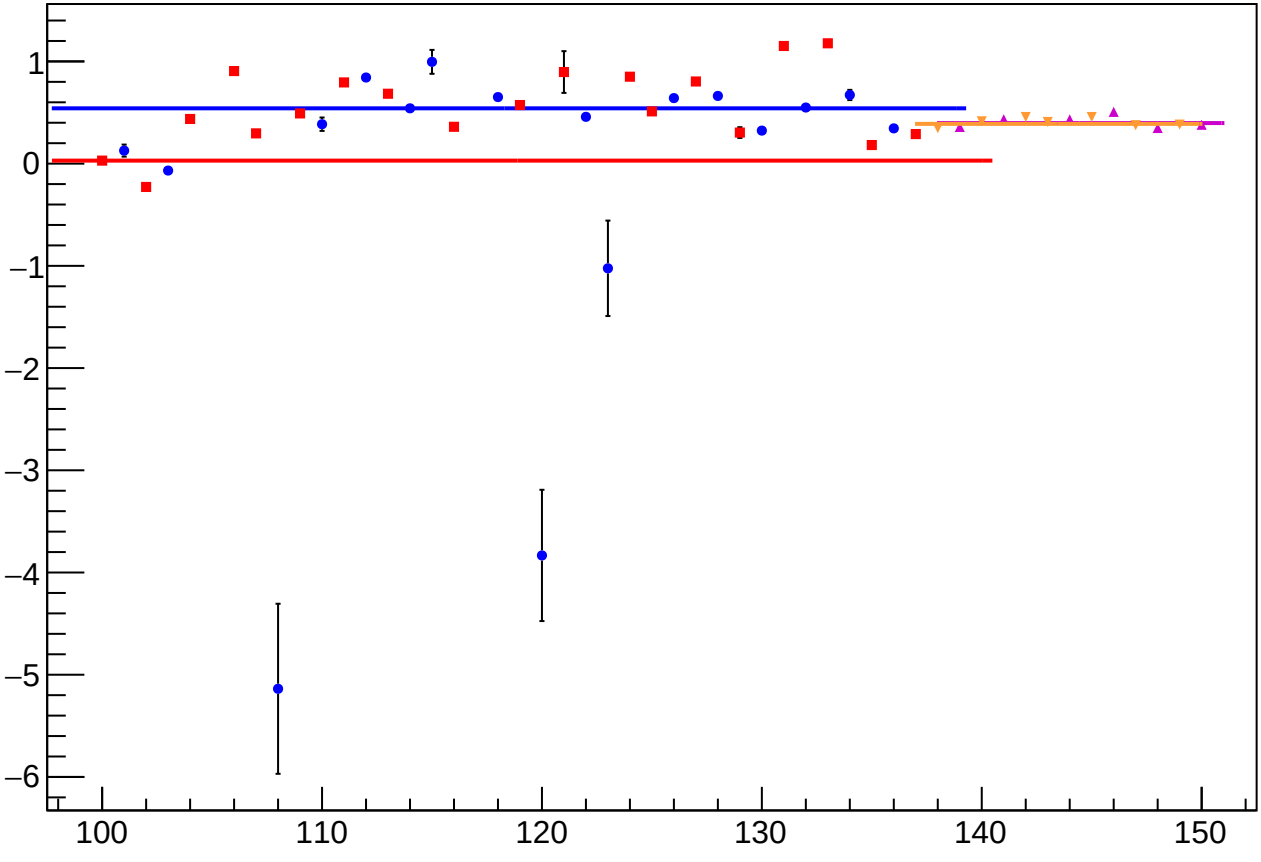
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:242587.5/22

Out: -102.233+/-0.017 χ^2/NDF:54363.4/25

All: -74.974+/-0.000 χ^2/NDF: 2741022.6/48

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.389+/-0.001 χ^2/NDF:768.1/6

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.397+/-0.001 χ^2/NDF:2086.7/5

Left: 0.393+/-0.001 χ^2/NDF: 2913.2/12

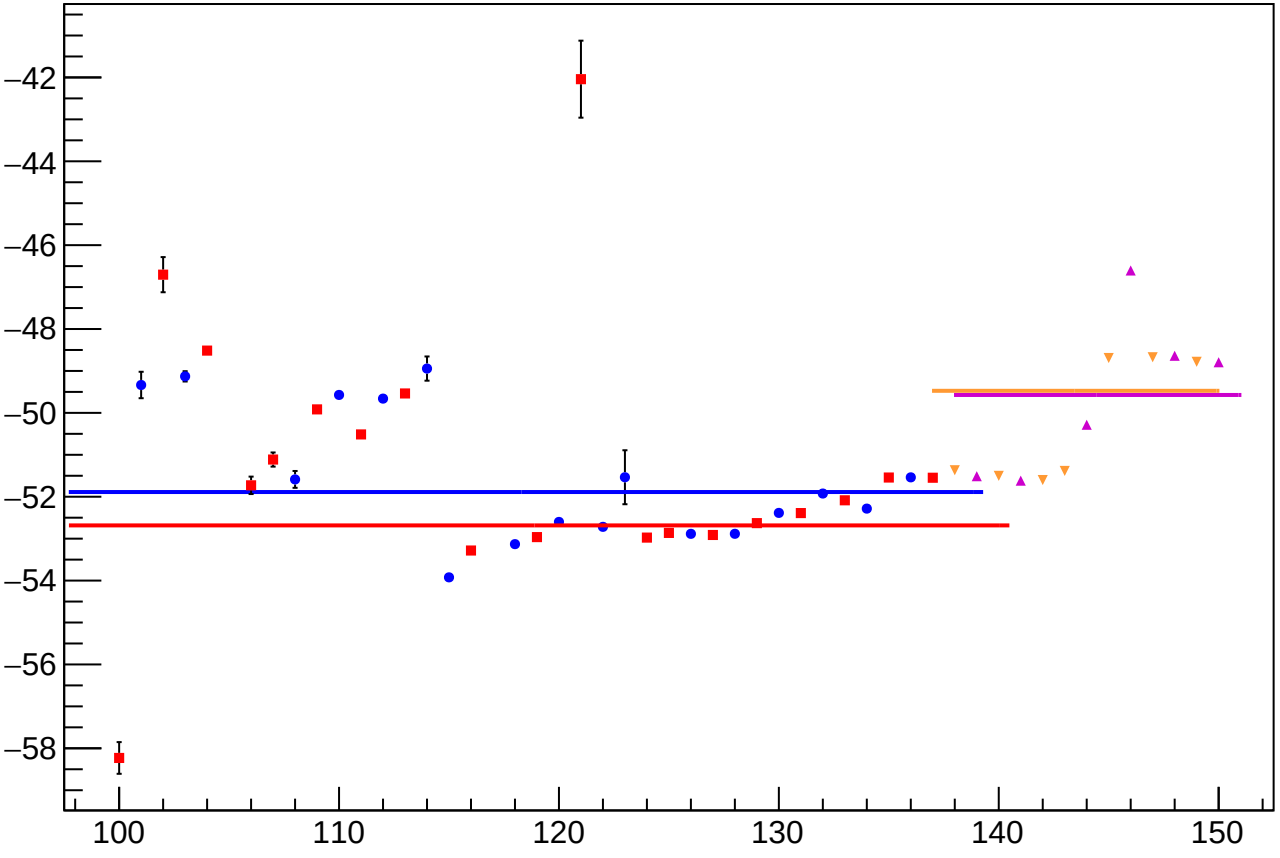
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:70565.8/22

Out: 0.030+/-0.000 χ^2/NDF:368437.2/25

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -49.474+/-0.002 χ^2/NDF:275238.2/6

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -49.573+/-0.002 χ^2/NDF:391404.8/5

Left: -49.527+/-0.002 χ^2/NDF: 667658.0/12

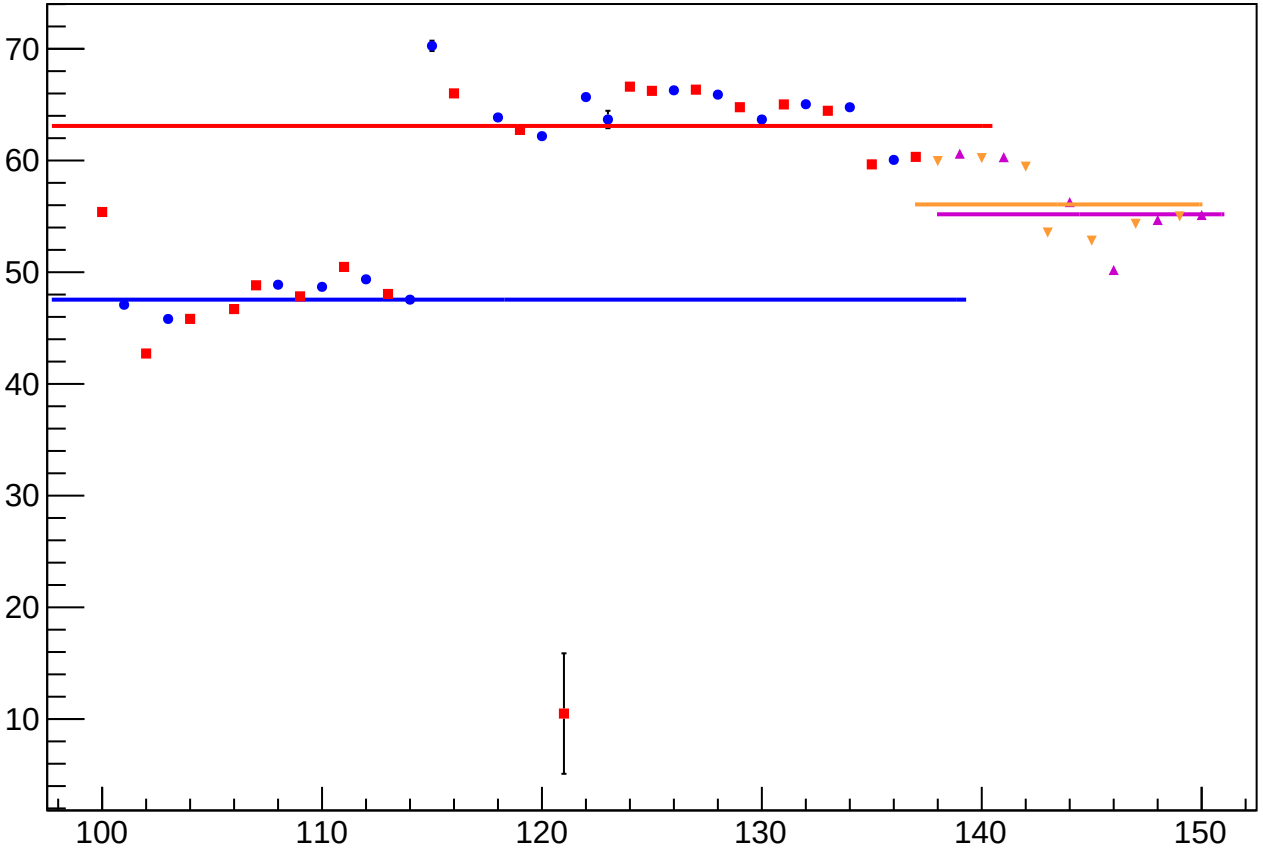
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -50.669+/-0.002 χ^2/NDF:1037623.0/22

Out: -50.900+/-0.002 χ^2/NDF:1205321.0/25

All: -50.772+/-0.001 χ^2/NDF: 2253149.1/48

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 56.068+/-0.006 χ^2/NDF:187913.3/6

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 55.185+/-0.005 χ^2/NDF:61819.9/5

Left: 55.553+/-0.004 χ^2/NDF: 261954.7/12

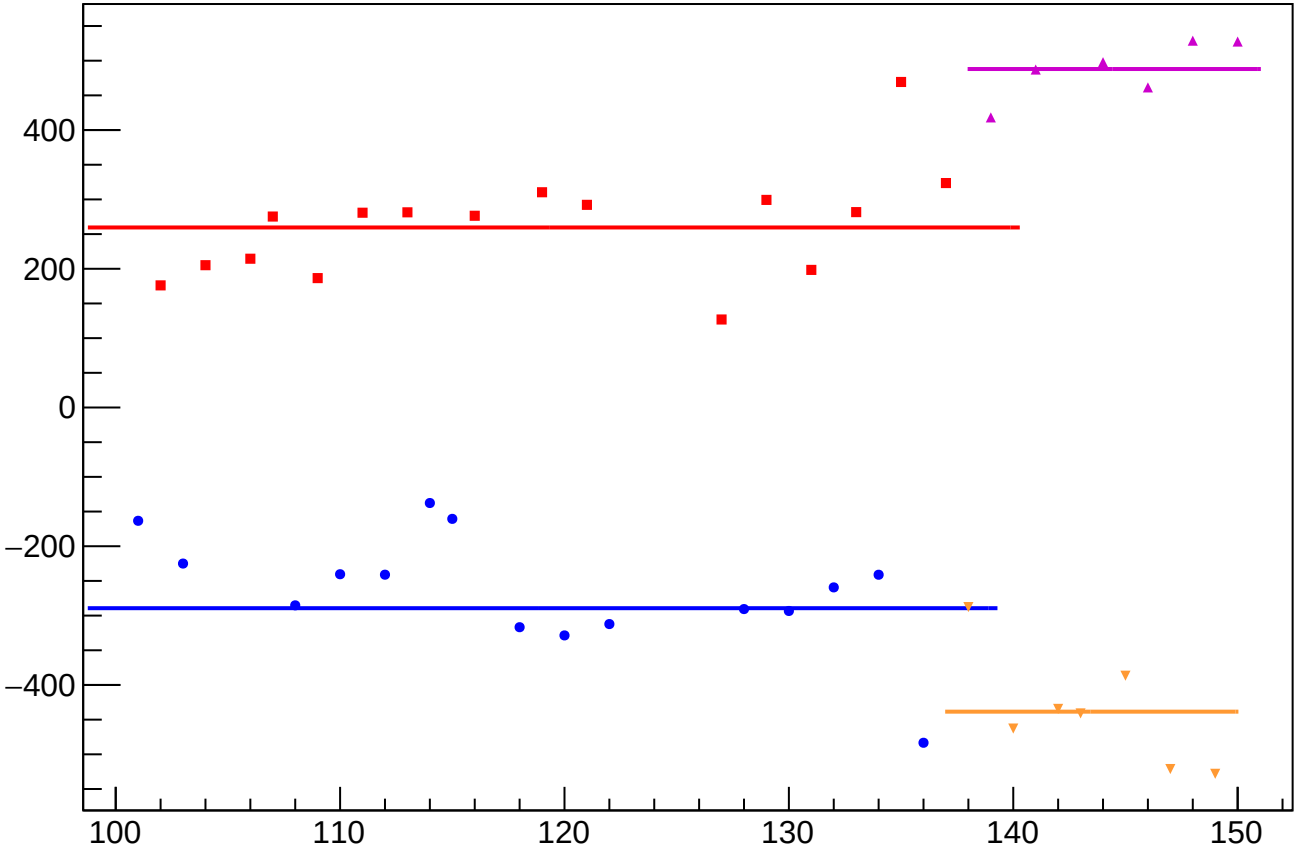
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:5754606.7/22

Out: 58.878+/-0.005 χ^2/NDF:1052217.5/25

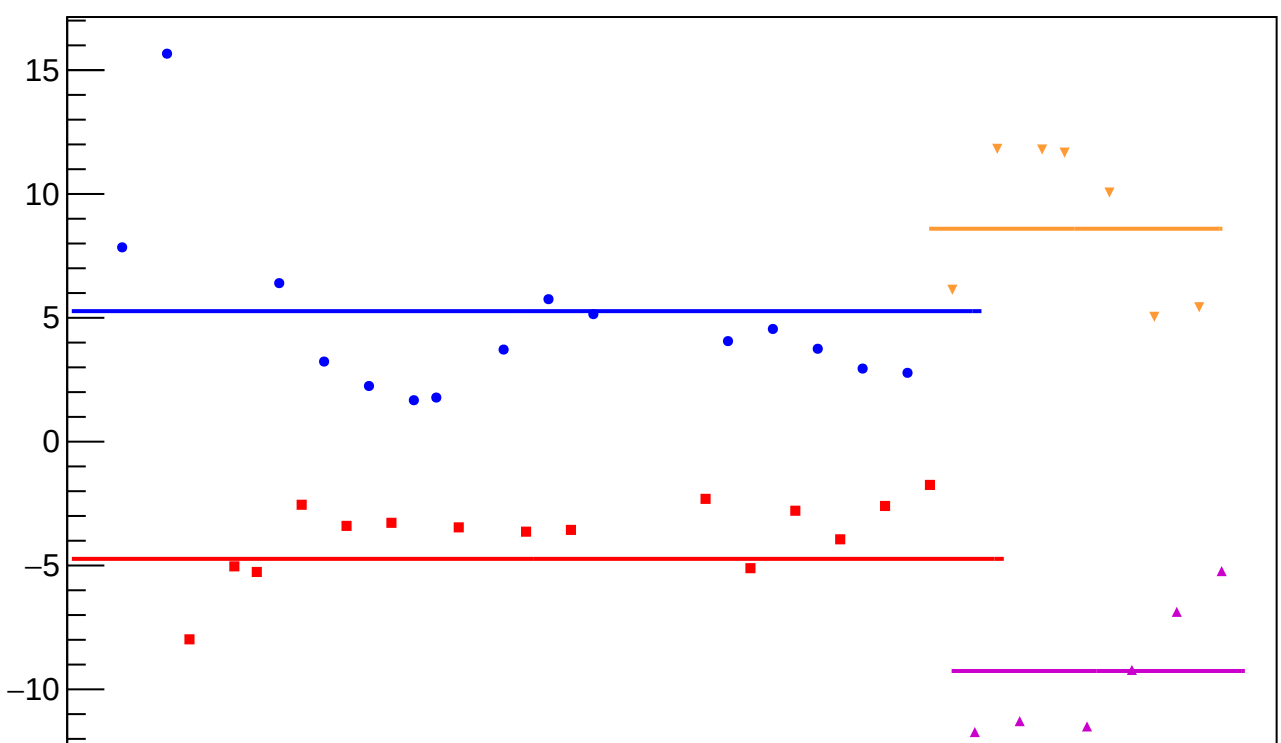
All: 47.545+/-0.000 χ^2/NDF: 12557997.6/48

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 23.400+/-0.000 χ^2/NDF: 2248115015321369
Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
Right: -11.129+/-0.000 χ^2/NDF: 108768514077982
Left Out: -438.497+/-0.000 χ^2/NDF:324842949292930134216909007603787366 4.0/6
In: 53.849+/-0.000 χ^2/NDF:179236656704580981
Right Out: 259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071411 2.0/15
Out: -44.919+/-0.000 χ^2/NDF:149313334661670 4
Left In: 487.997+/-0.000 χ^2/NDF:744034823954183144649049390616412160.0/5
All: 4.023+/-0.000 χ^2/NDF: 3342684695129 6

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Left Out: 8.597+/-0.000 χ^2/NDF:4432808881257990030148758547726336.0/6

Right Out: -4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

Left In: -9.259+/-0.000 χ^2/NDF:3246158498286692839784161814249472.0/5

Left: -0.305+/-0.000 χ^2/NDF: 89695502380723450

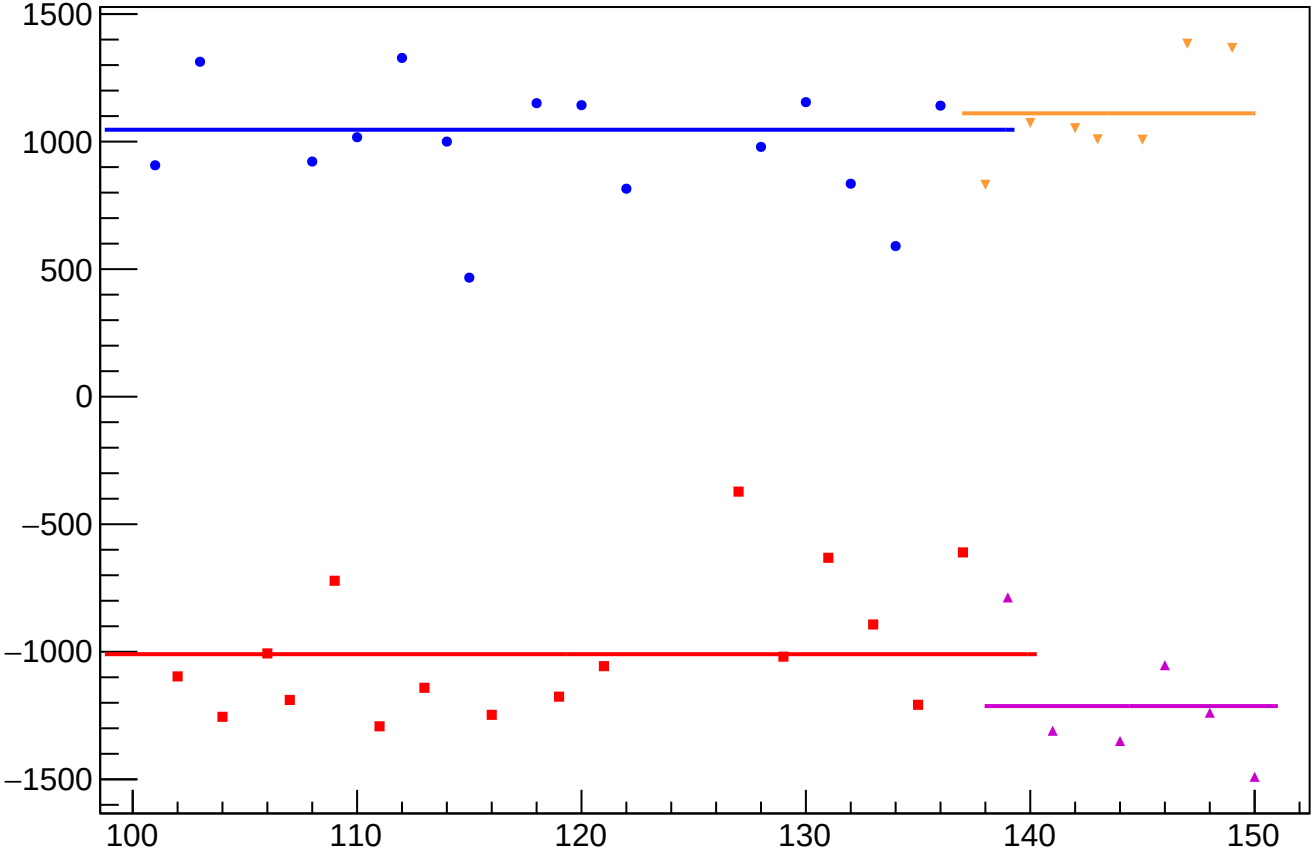
Right: 0.201+/-0.000 χ^2/NDF: 4846795516854343 9

In: -1.144+/-0.000 χ^2/NDF:724312600143344133

Out: 1.082+/-0.000 χ^2/NDF:6297394106641028 05

All: -0.021+/-0.000 χ^2/NDF: 1383109494839

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

In: 49.040+/-0.000 χ^2/NDF:15137742102669927 1

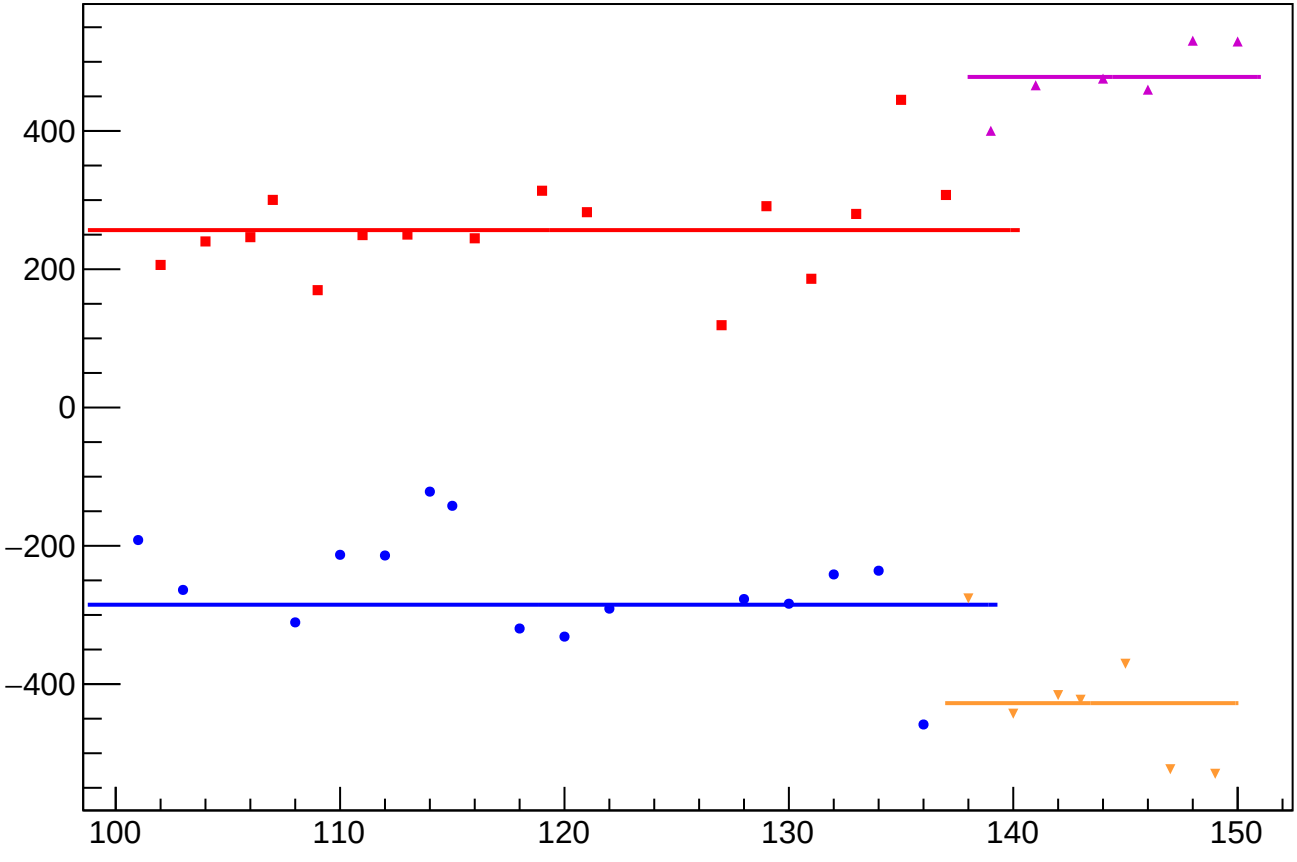
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -84.614+/-0.000 χ^2/NDF:1371824595857791

Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173 0688.0/5

All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 23.979+/-0.000 χ^2/NDF: 21568260461874077

Right In: -285.187+/-0.000 χ^2/NDF: 44795852628535498380925219212917473 28.0/14

Right: -10.589+/-0.000 χ^2/NDF: 1046817952999573

Left Out: -427.543+/-0.000 χ^2/NDF:36690153724113061528277450730944593 92.0/6

In: 51.808+/-0.000 χ^2/NDF:17242890497579952 9

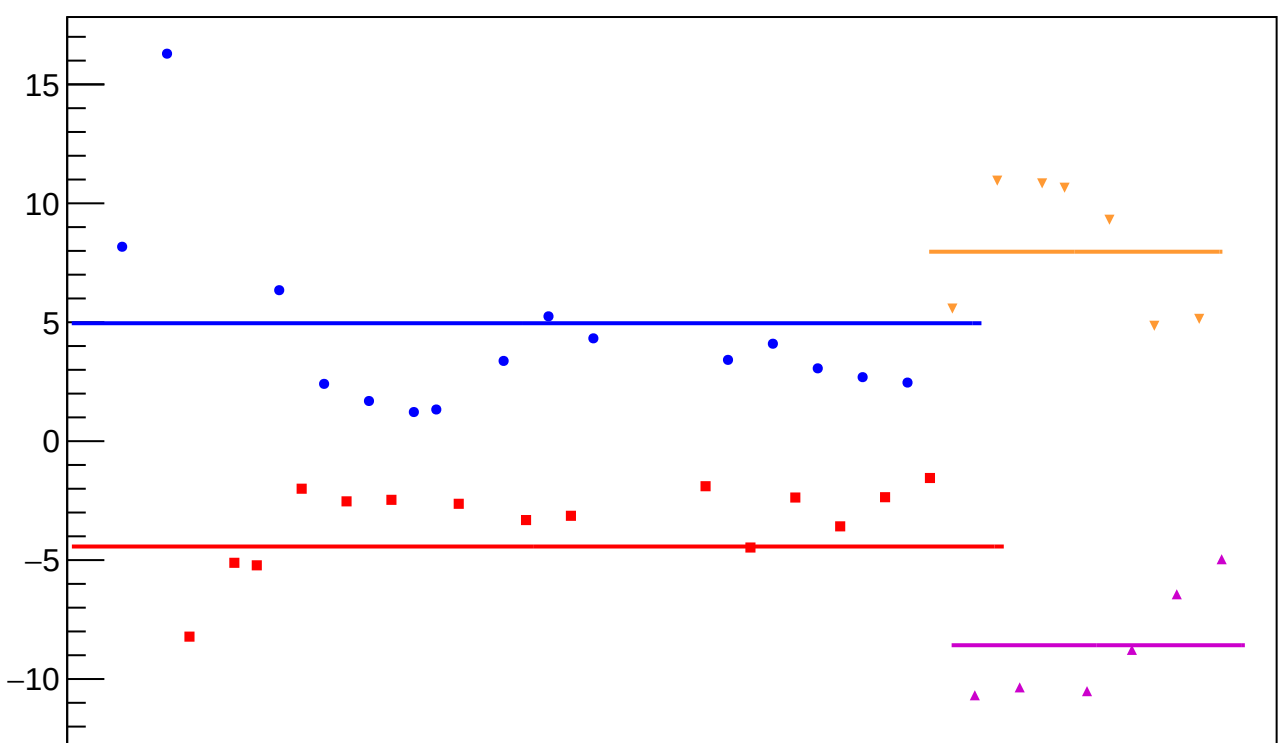
Right Out: 256.599+/-0.000 χ^2/NDF: 36482715359710391659526025631917670 40.0/15

Out: -41.809+/-0.000 χ^2/NDF:1434879533530439

Left In: 478.141+/-0.000 χ^2/NDF:10023799185314192351506990479379005 44.0/5

All: 4.580+/-0.000 χ^2/NDF: 3210544239957 6

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.283+/-0.000 χ^2/NDF: 76567892071173510

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Right: 0.201+/-0.000 χ^2/NDF: 47826300884905300

Left Out: 7.966+/-0.000 χ^2/NDF:36145138113660704719567698274549 76.0/6

In: -1.018+/-0.000 χ^2/NDF:65515841381264331 6

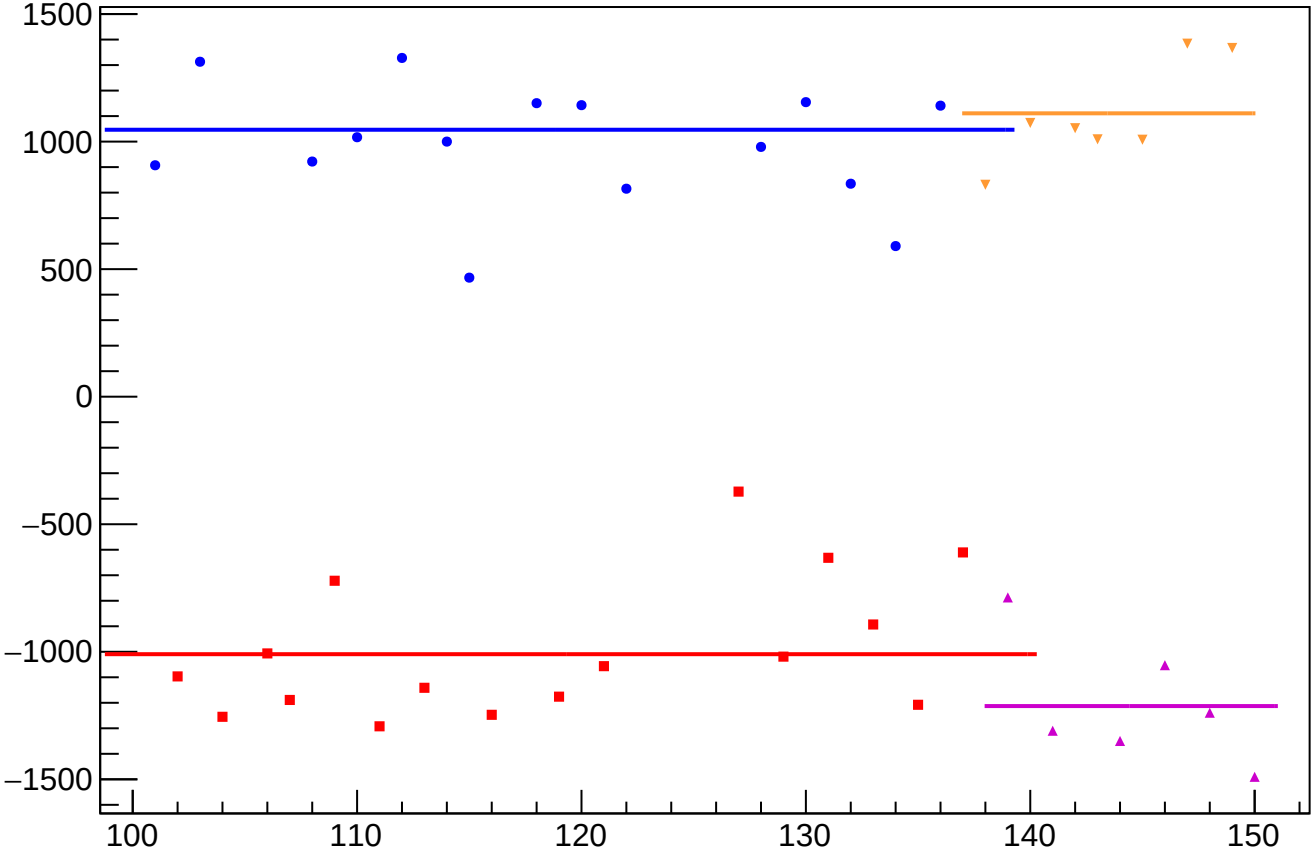
Right Out: -4.429+/-0.000 χ^2/NDF: 83714404003345245711317967726182 40.0/15

Out: 0.977+/-0.000 χ^2/NDF:56679566102894238 9

Left In: -8.579+/-0.000 χ^2/NDF:25355835483019764873732793491783 68.0/5

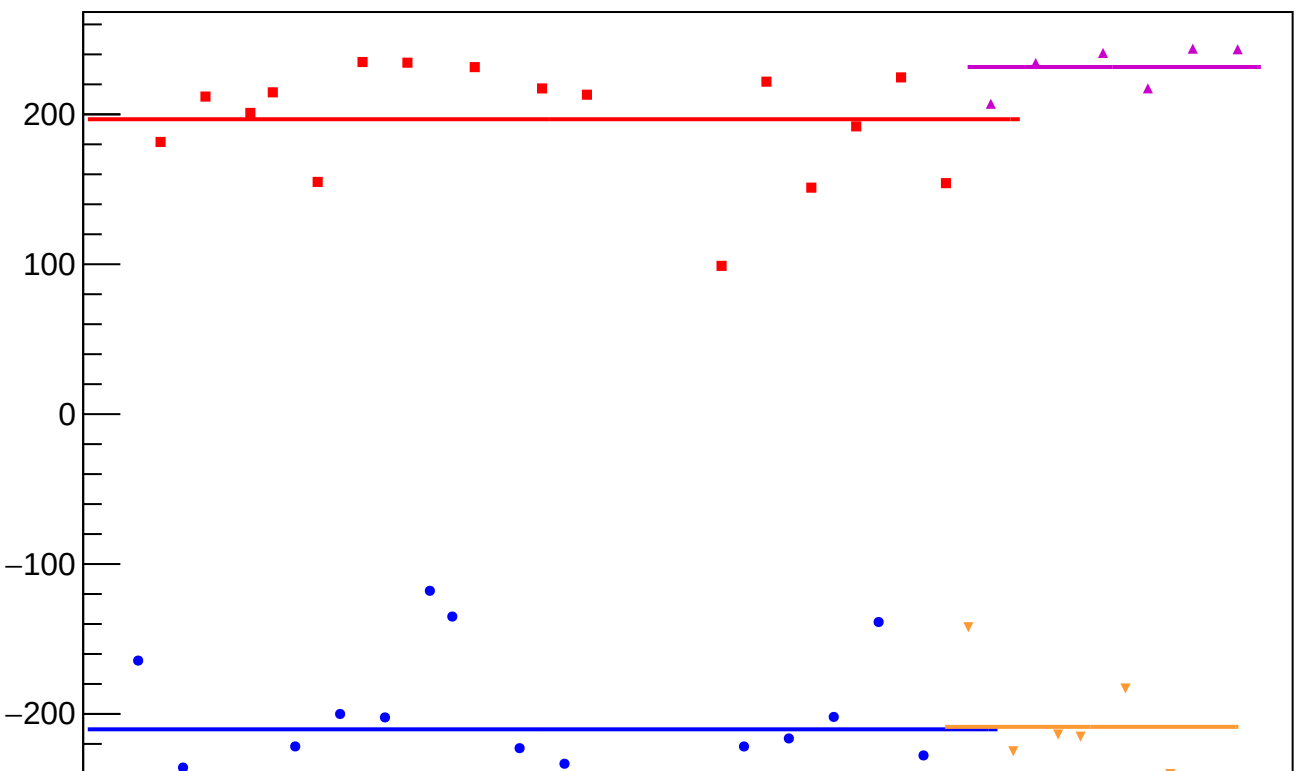
All: -0.011+/-0.000 χ^2/NDF: 1245292360009

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



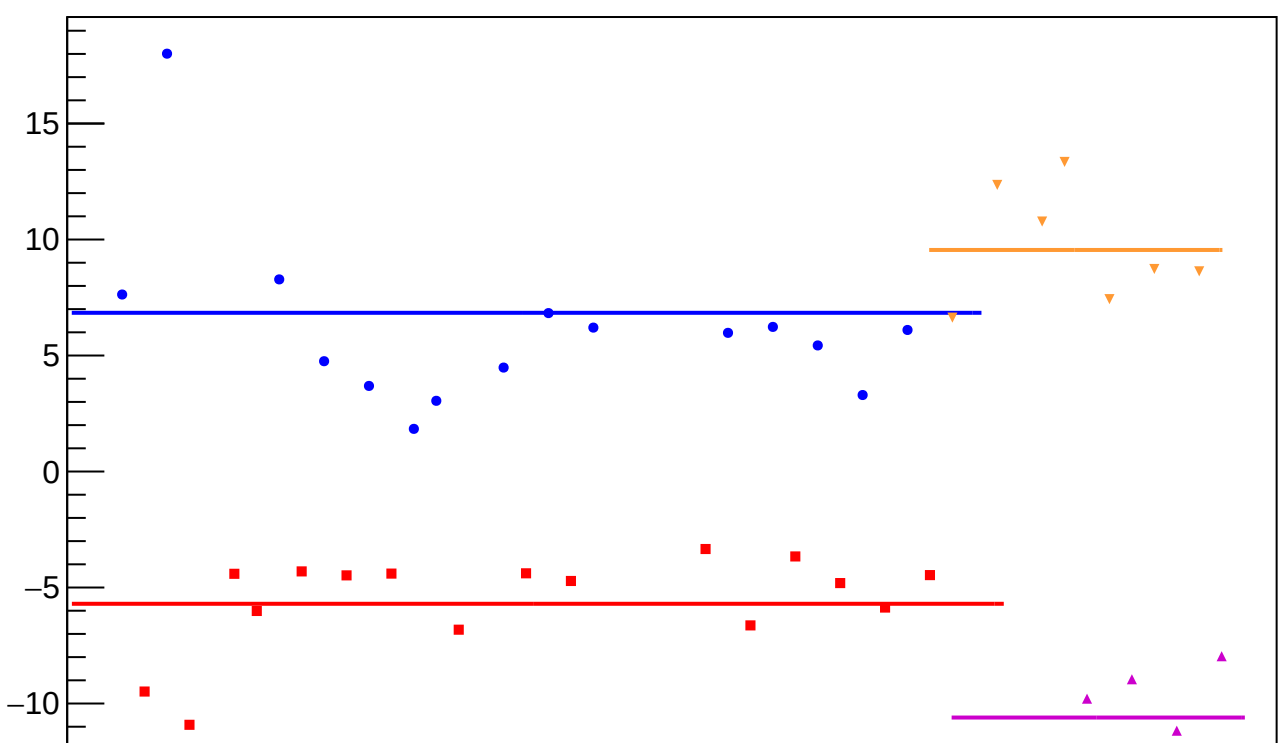
Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:15137742102669927
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:1371824595857791
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_11X12X_coil1_mean vs Slug, Sign Corrected



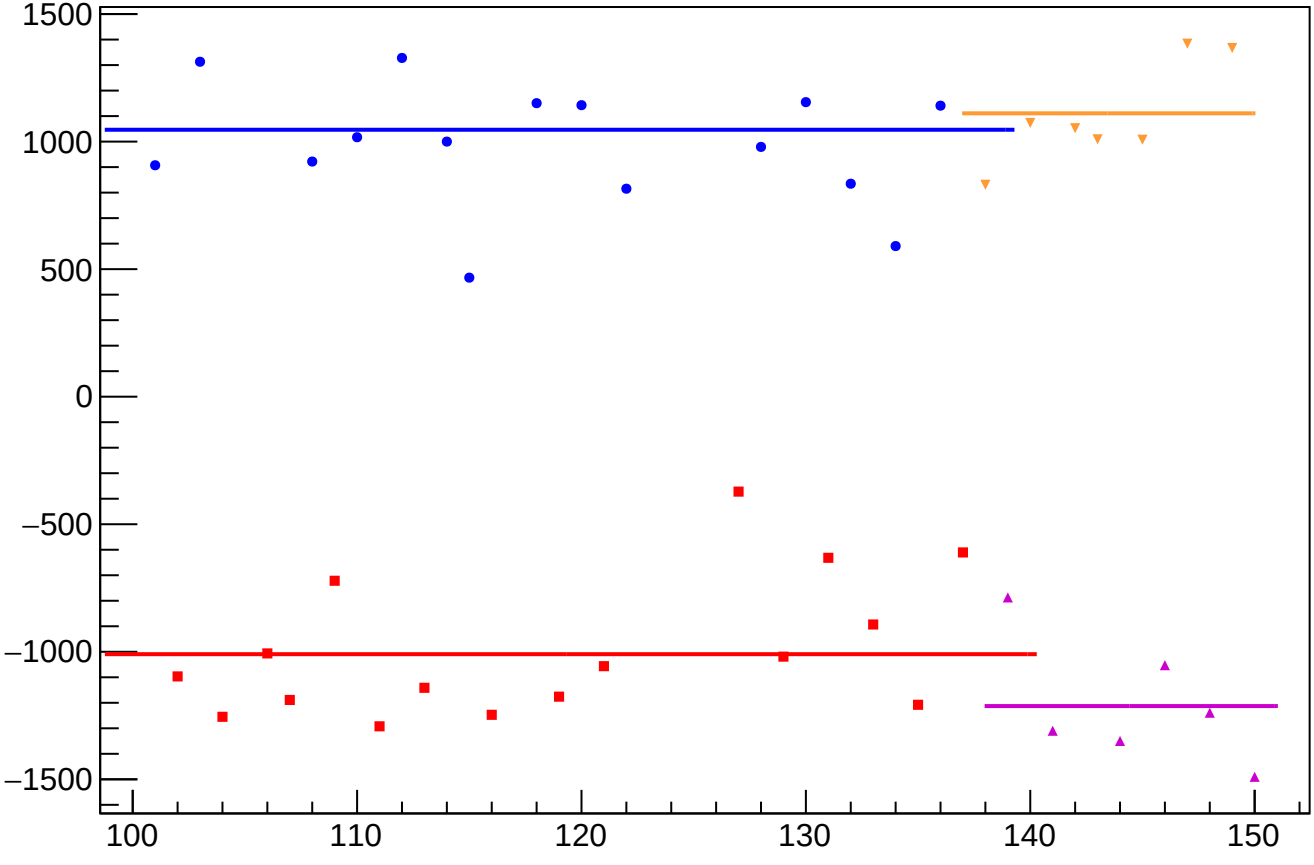
Left: 10.836+/-0.000 χ^2/NDF: 5054653561200085
Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263
Left Out: -208.632+/-0.000 χ^2/NDF:594350313413135836702790983620755456.0/6
In: -15.194+/-0.000 χ^2/NDF:5660465430206380
Right Out: 196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15
Out: 19.923+/-0.000 χ^2/NDF:4931080812036172
Left In: 231.588+/-0.000 χ^2/NDF:992956897572241188473096655675064 32.0/5
All: 2.522+/-0.000 χ^2/NDF: 1066383731040

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



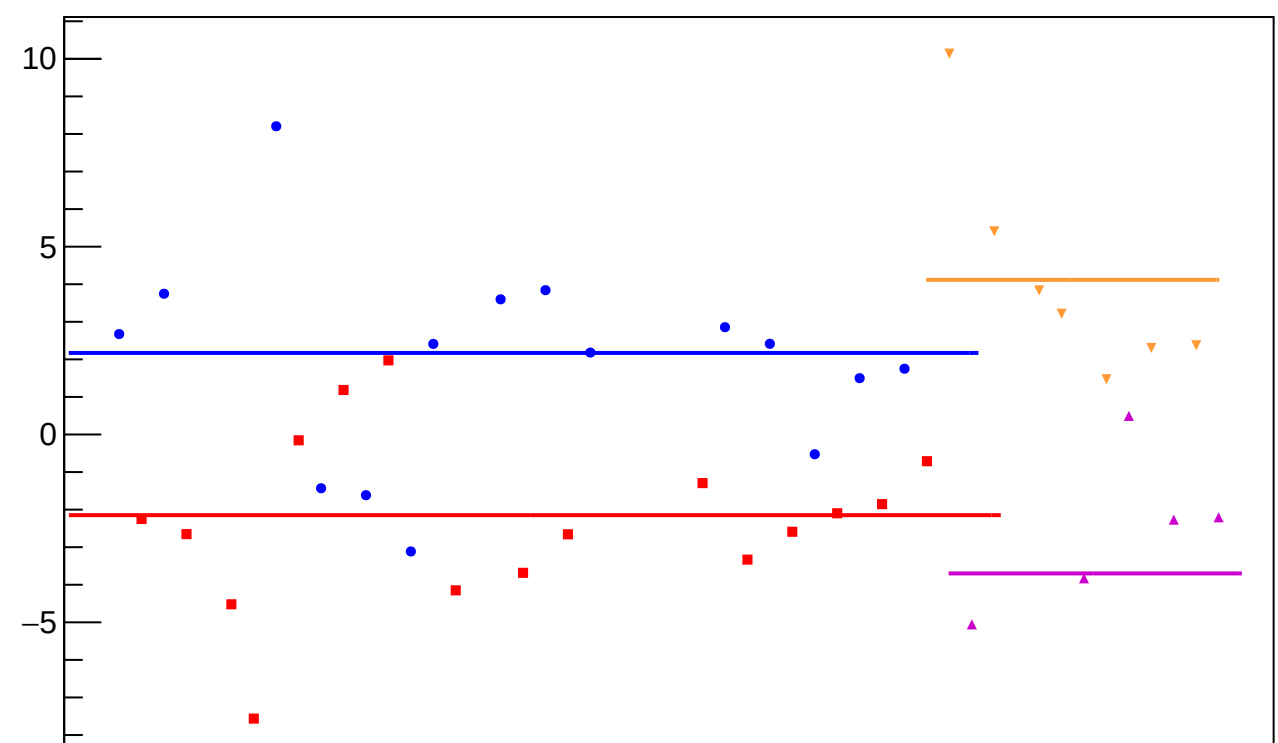
Left: -0.498+/-0.000 χ^2/NDF: 1093016325688312
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0.0/14
Right: 0.484+/-0.000 χ^2/NDF: 6427846195550929
Left Out: 9.550+/-0.000 χ^2/NDF:2830206282502779542198842736771072.0/6
In: -0.861+/-0.000 χ^2/NDF:985368890564373112
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15
Out: 0.951+/-0.000 χ^2/NDF:736760944420440982
Left In: -10.605+/-0.000 χ^2/NDF:197246143284525833660194279653376 0.0/5
All: 0.053+/-0.000 χ^2/NDF: 1741373123179

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:15137742102669927
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:1371824595857791
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 2.171+/-0.000 χ^2/NDF: 3599819246909975678410499691642880.0/14

Left Out: 4.117+/-0.000 χ^2/NDF:4100621131167945477638561453834240.0/6

Right Out: -2.148+/-0.000 χ^2/NDF: 3093887336239378959606321931878400.0/15

Left In: -3.698+/-0.000 χ^2/NDF:4727831714349367088744704400949248.0/5

Left: 0.221+/-0.000 χ^2/NDF: 24539234952753449

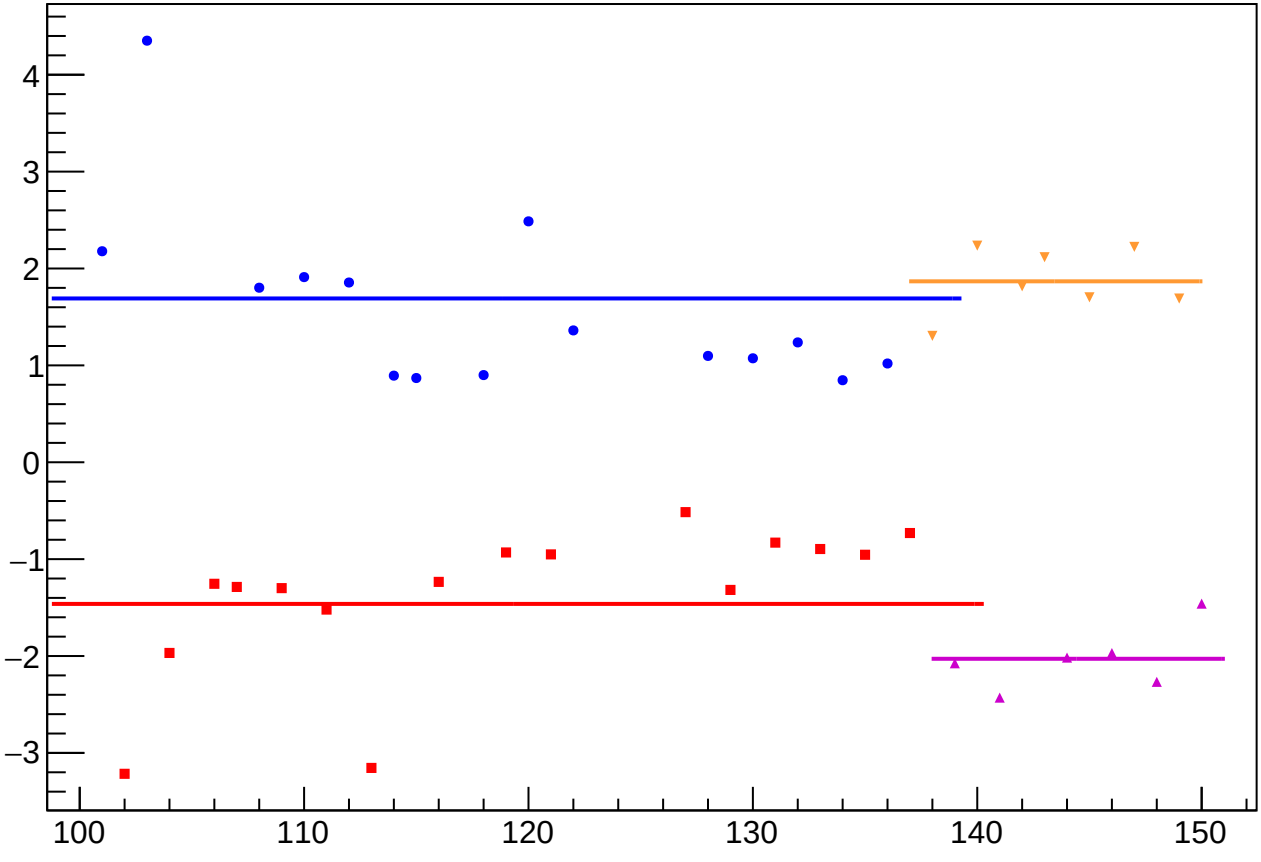
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488

In: -0.420+/-0.000 χ^2/NDF:181989905058595583

Out: 0.585+/-0.000 χ^2/NDF:186107994690790006

All: 0.087+/-0.000 χ^2/NDF: 37401510640137

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.075+/-0.000 χ^2/NDF: 40080206309672785

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.868+/-0.000 χ^2/NDF:548247153039558659439838971822 08.0/6

In: 0.049+/-0.000 χ^2/NDF:462388975791052616 0

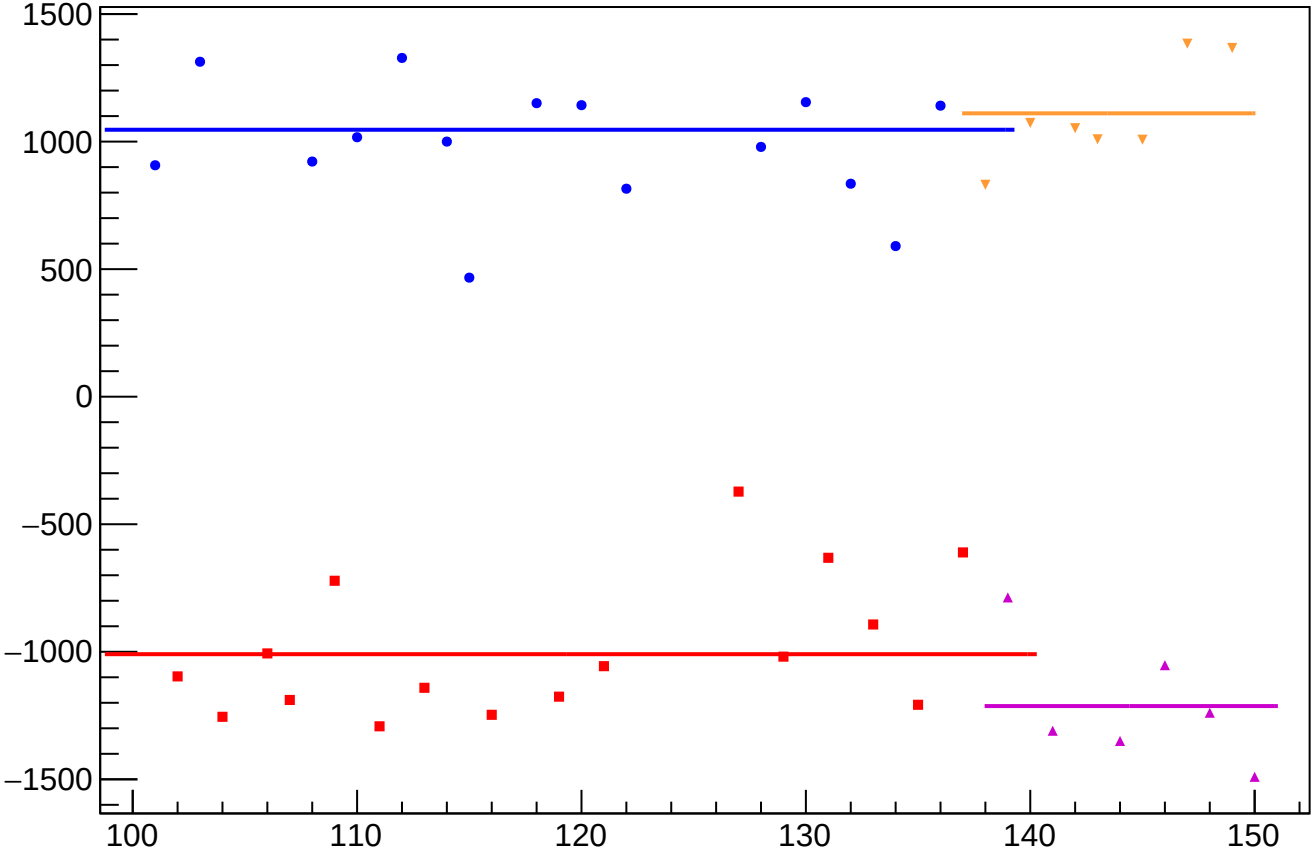
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: -0.010+/-0.000 χ^2/NDF:37246635440206487

Left In: -2.028+/-0.000 χ^2/NDF:48367111694784942401451106238464.0/5

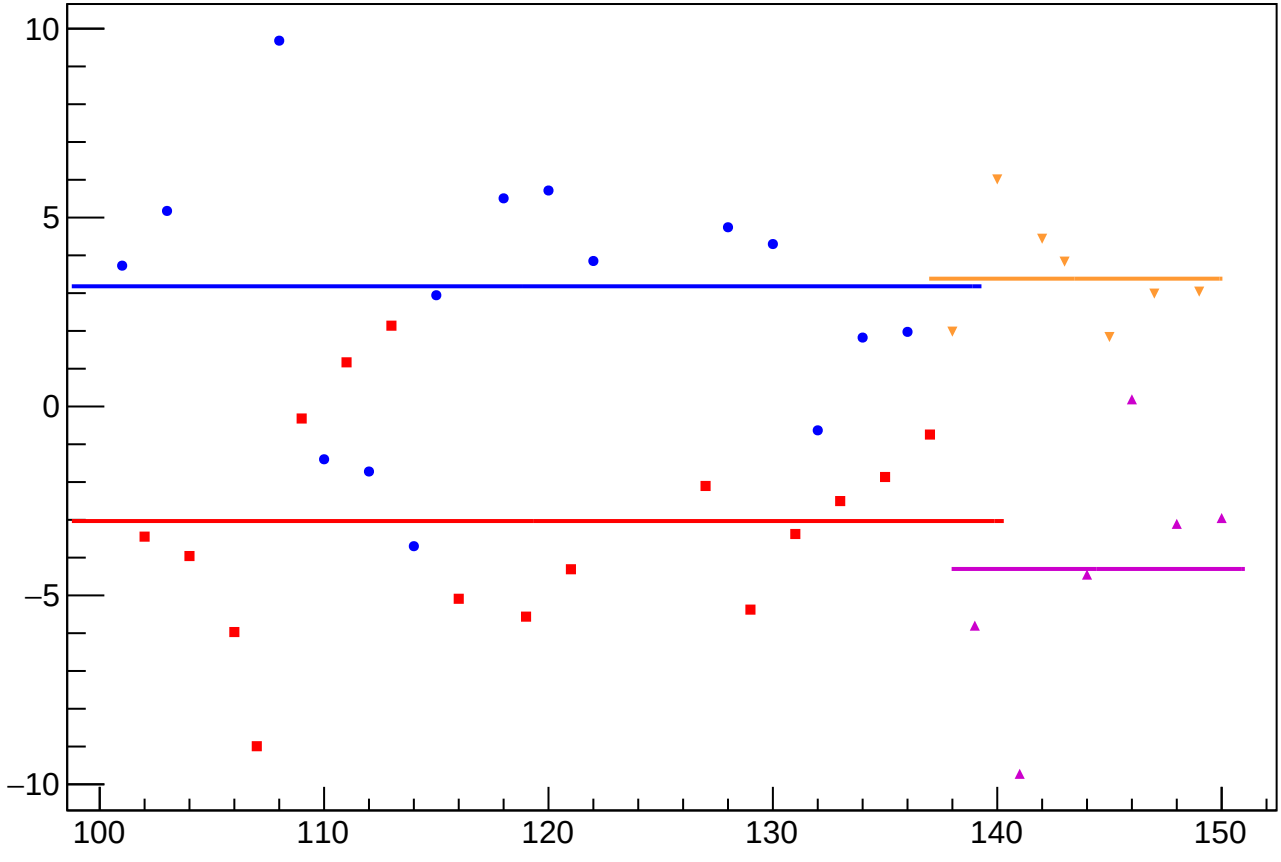
All: 0.019+/-0.000 χ^2/NDF: 8350562425793 6

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:15137742102669927
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:1371824595857791
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.447+/-0.000 χ^2/NDF: 20825233329849579

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.383+/-0.000 χ^2/NDF:9993622173995389358277395606405 12.0/6

In: -0.122+/-0.000 χ^2/NDF:265099965059536047

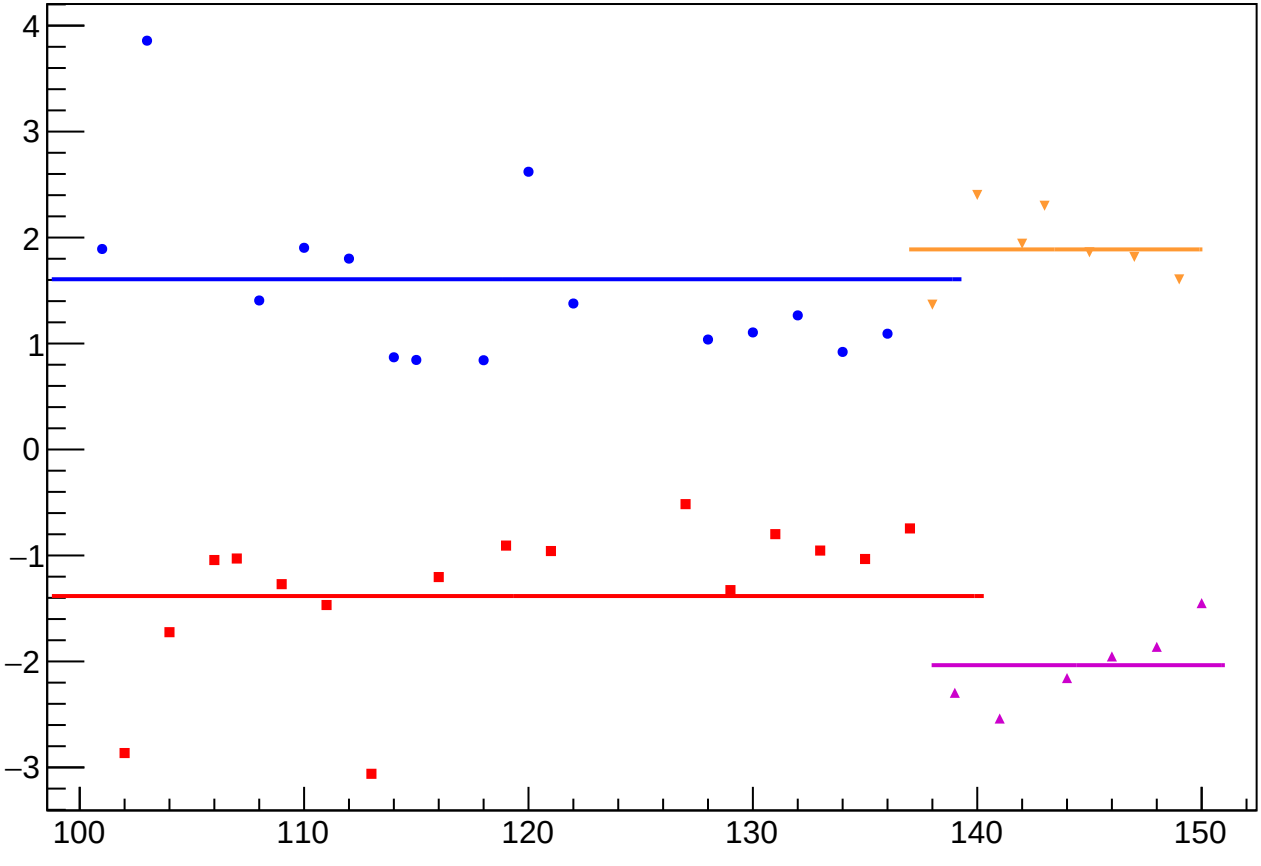
Right Out: -3.032+/-0.000 χ^2/NDF: 4937209831371793945496546833334272.0/15

Out: -0.234+/-0.000 χ^2/NDF:17908387048148501

Left In: -4.300+/-0.000 χ^2/NDF:4640885213602392968713231379988480.0/5

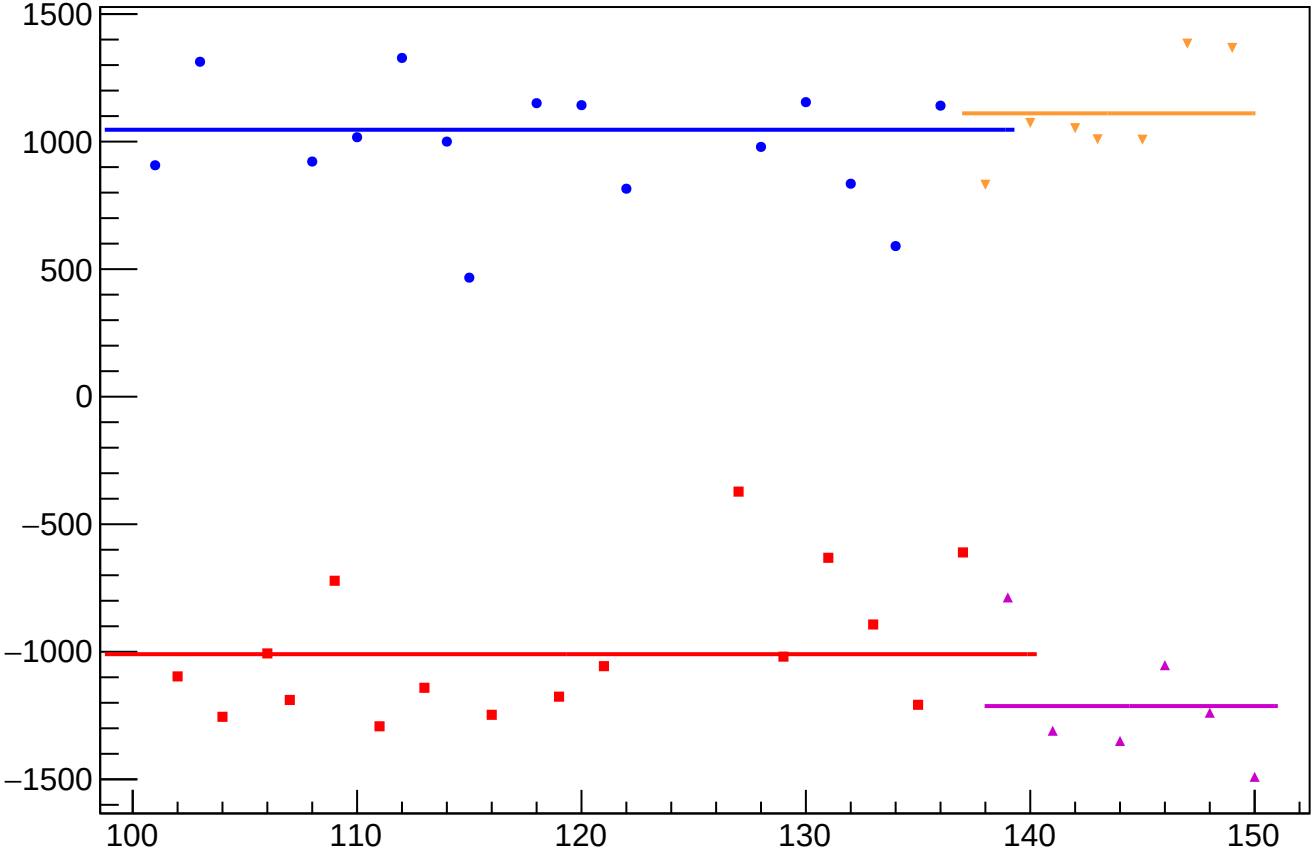
All: -0.178+/-0.000 χ^2/NDF: 4442575823444

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.068+/-0.000 χ^2/NDF: 4084137374686488
Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14
Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624
Left Out: 1.888+/-0.000 χ^2/NDF:615491044419222698455901352755 20.0/6
In: -0.001+/-0.000 χ^2/NDF:432376825298016071
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15
Out: 0.044+/-0.000 χ^2/NDF:35328461991423242
Left In: -2.035+/-0.000 χ^2/NDF:626367433681002009309758504304 64.0/5
All: 0.022+/-0.000 χ^2/NDF: 7857806950364

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71

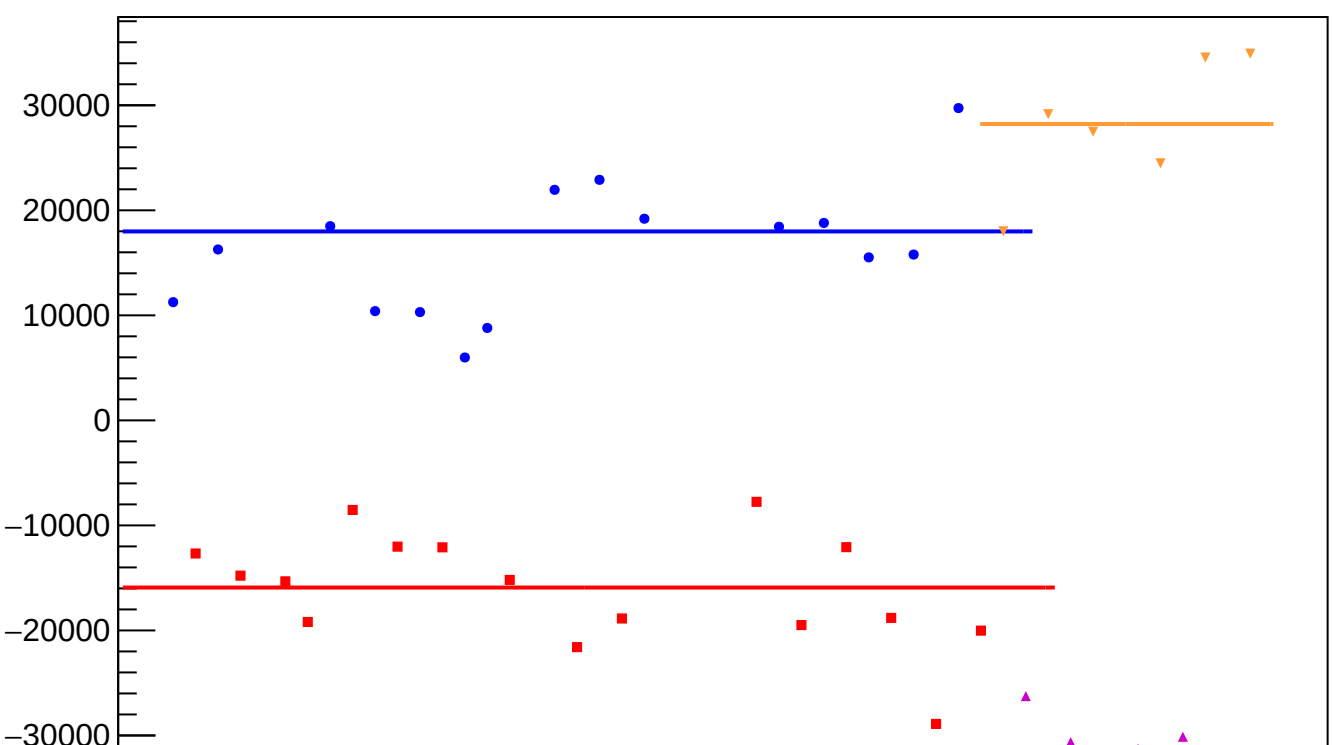
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1

Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5

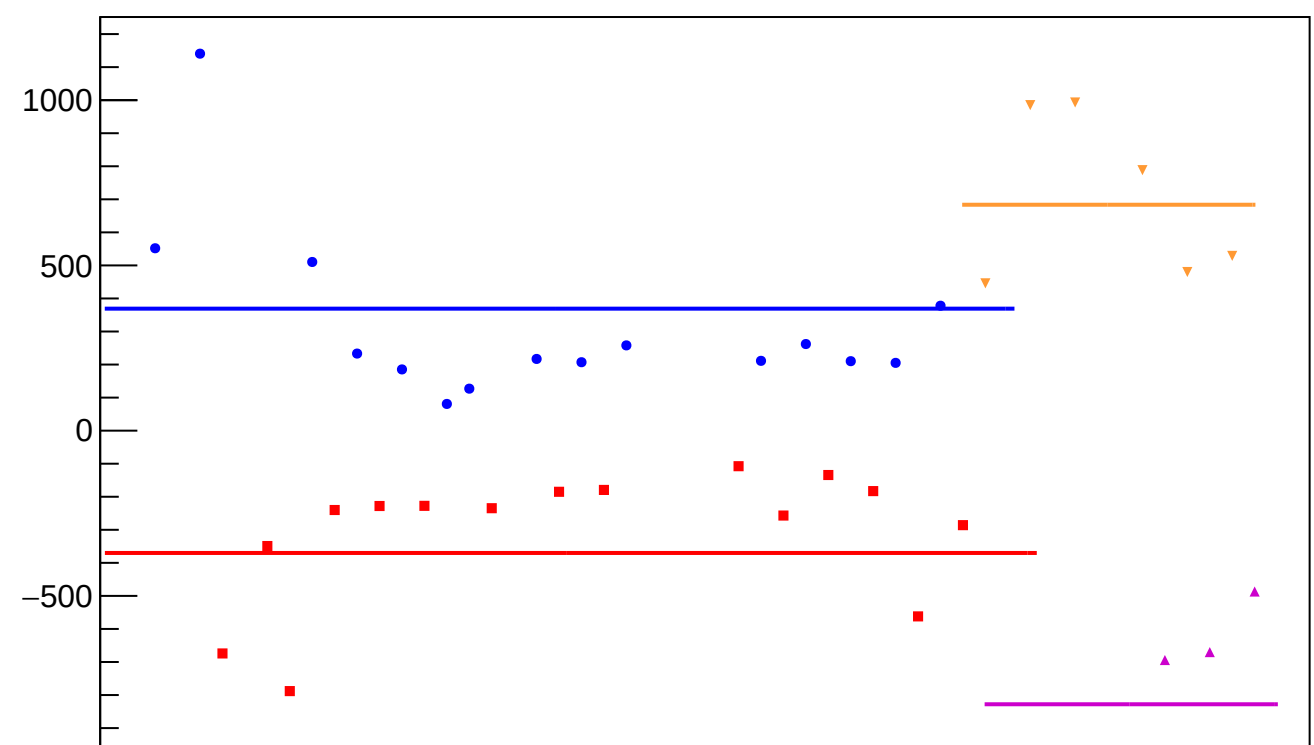
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_usl_coil1_mean vs Slug, Sign Corrected



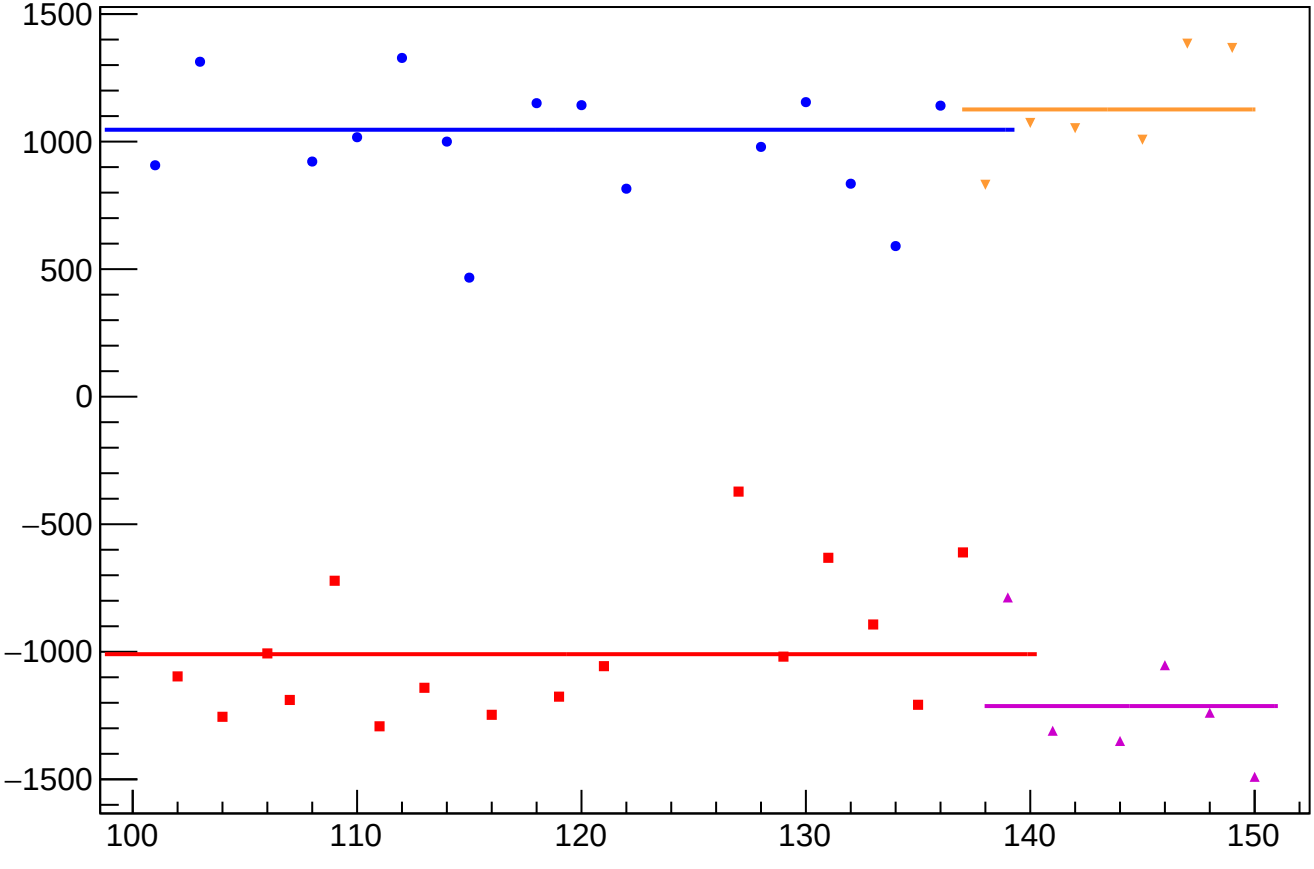
Left: -3581.920+/-0.000 χ^2/NDF: 87188142093565
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 28213.530+/-0.000 χ^2/NDF:162564776793944850672654719360815354347 52.0/5
In: -3820.439+/-0.000 χ^2/NDF:728416962086755
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 1839.085+/-0.000 χ^2/NDF:558788971913301
Left In: -31410.686+/-0.000 χ^2/NDF:442027138797654458565418730153633120256 0.0/5
All: -1047.819+/-0.000 χ^2/NDF: 1305439698

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -122.423+/-0.000 χ^2/NDF: 595871052410362
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 683.611+/-0.000 χ^2/NDF:223964814934352714880664501046508257 28.0/5
In: -159.313+/-0.000 χ^2/NDF:485074088669996
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 53.844+/-0.000 χ^2/NDF:3685610556407878
Left In: -827.898+/-0.000 χ^2/NDF:264459231056586430365337638491756953 60.0/5
All: -54.886+/-0.000 χ^2/NDF: 879500383831

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -121.191+/-0.000 χ^2/NDF: 135465275164969

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1126.062+/-0.000 χ^2/NDF:1848721359009873711041064314854388531 2.0/5

In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71

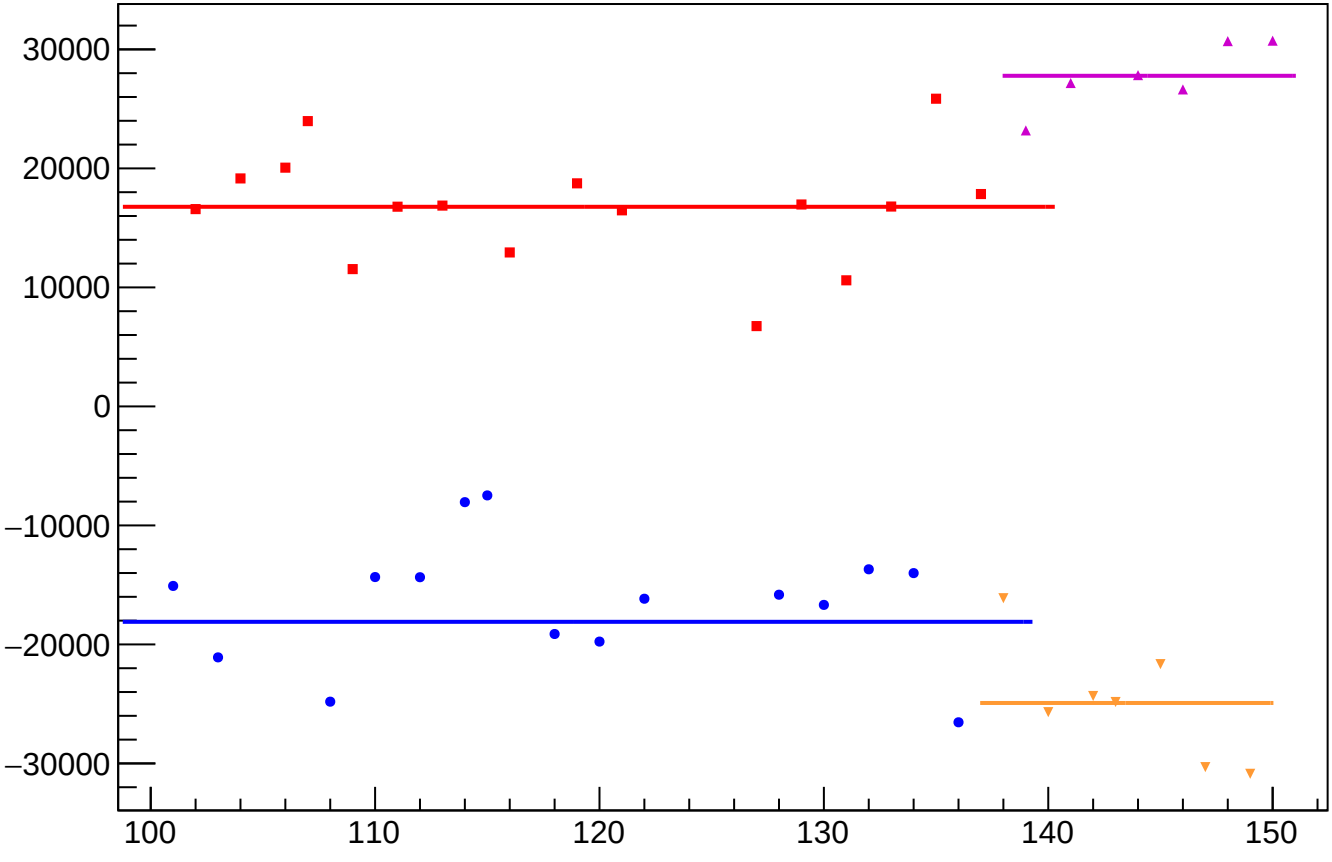
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -150.267+/-0.000 χ^2/NDF:1286889404691 82

Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5

All: -48.601+/-0.000 χ^2/NDF: 2823276710 42

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 1353.784+/-0.000 χ^2/NDF: 730057881939542

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -24920.110+/-0.000 χ^2/NDF:1221533467337379743591958156357840509337 6.0/6

In: 2155.342+/-0.000 χ^2/NDF:6211570533765347

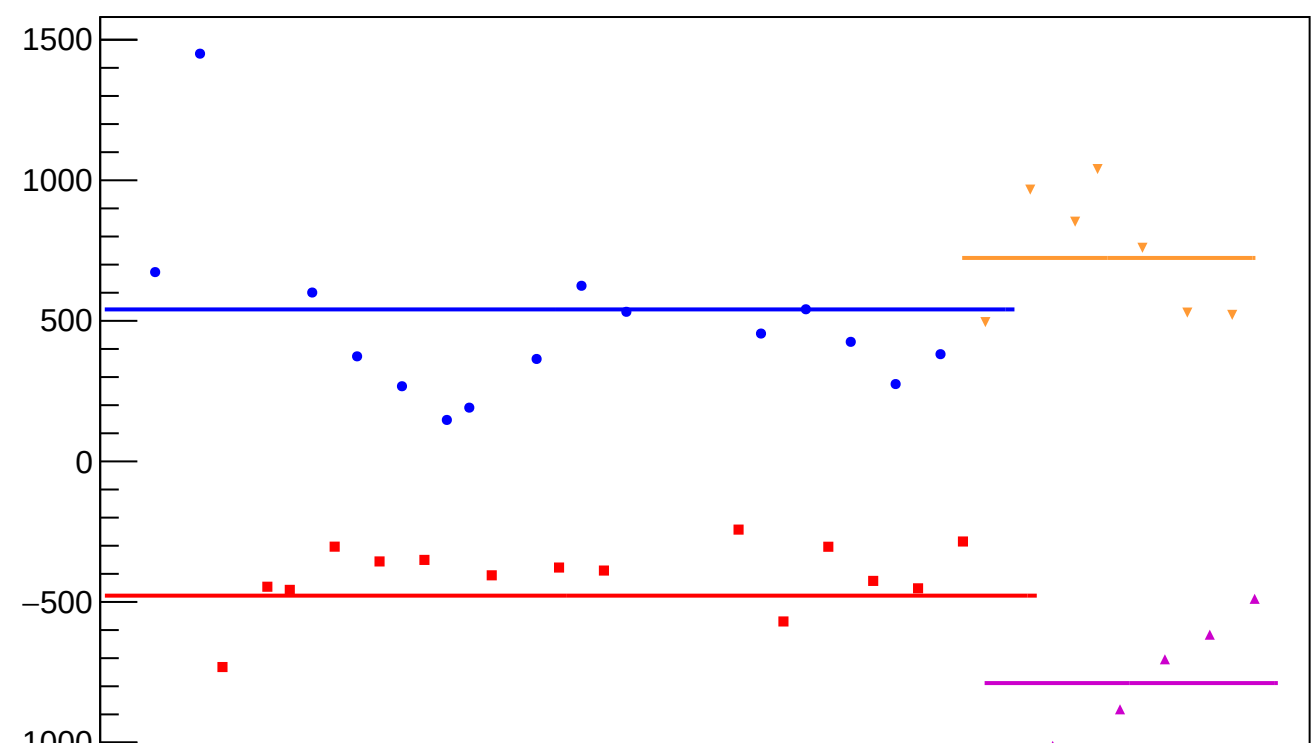
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: -1412.327+/-0.000 χ^2/NDF:53219530335878

Left In: 27781.327+/-0.000 χ^2/NDF:3351801462110739160770259764408504811520.0/5

All: 355.533+/-0.000 χ^2/NDF: 11608137016

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Left: -30.200+/-0.000 χ^2/NDF: 6332387649752303

Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

Left Out: 723.781+/-0.000 χ^2/NDF:22869736347422403502383884762878050304.0/6

In: -46.176+/-0.000 χ^2/NDF:59277818619627581

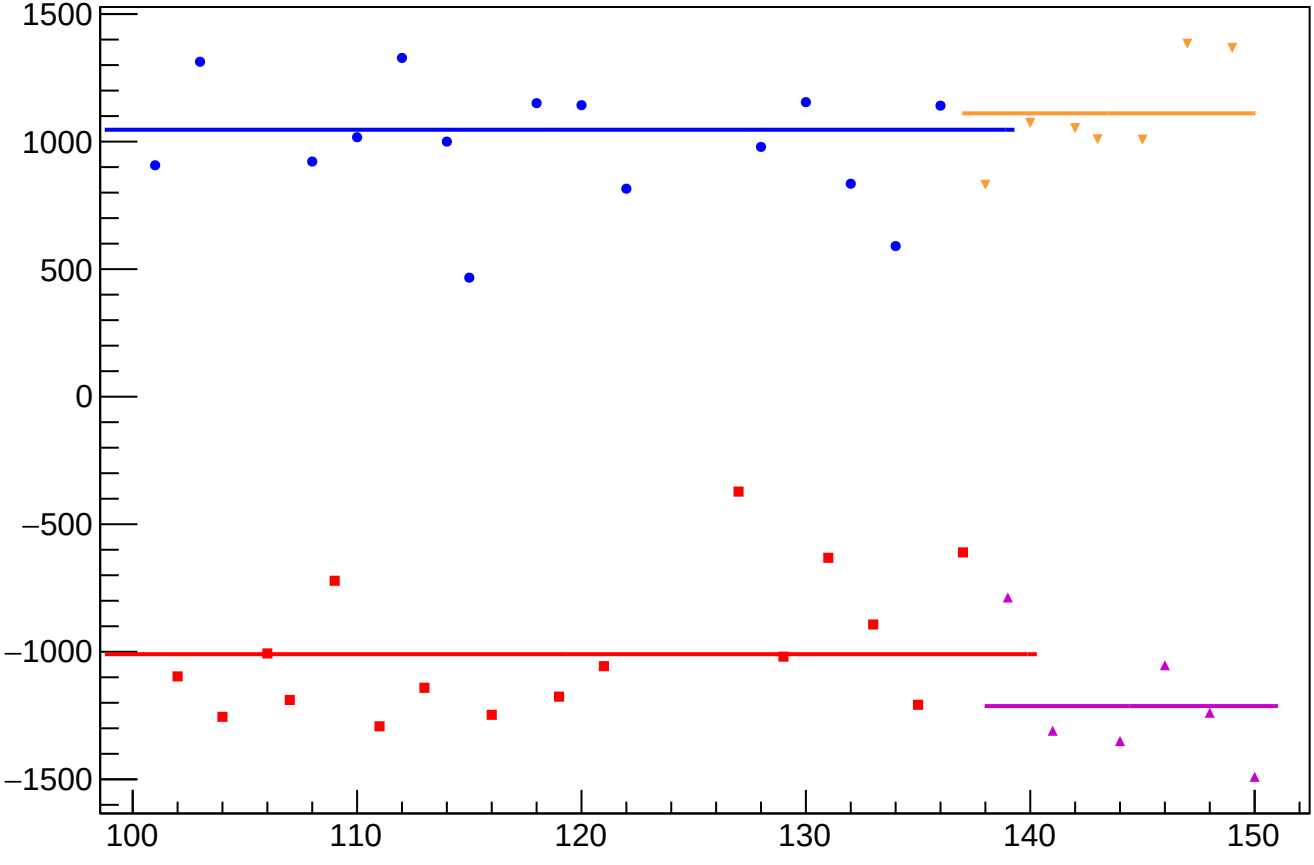
Right Out: -477.546+/-0.000 χ^2/NDF: 38798306504296954461537116809760604160.0/15

Out: 46.448+/-0.000 χ^2/NDF:48153697224762464

Left In: -788.590+/-0.000 χ^2/NDF:21974245967652082132828012703626821632.0/5

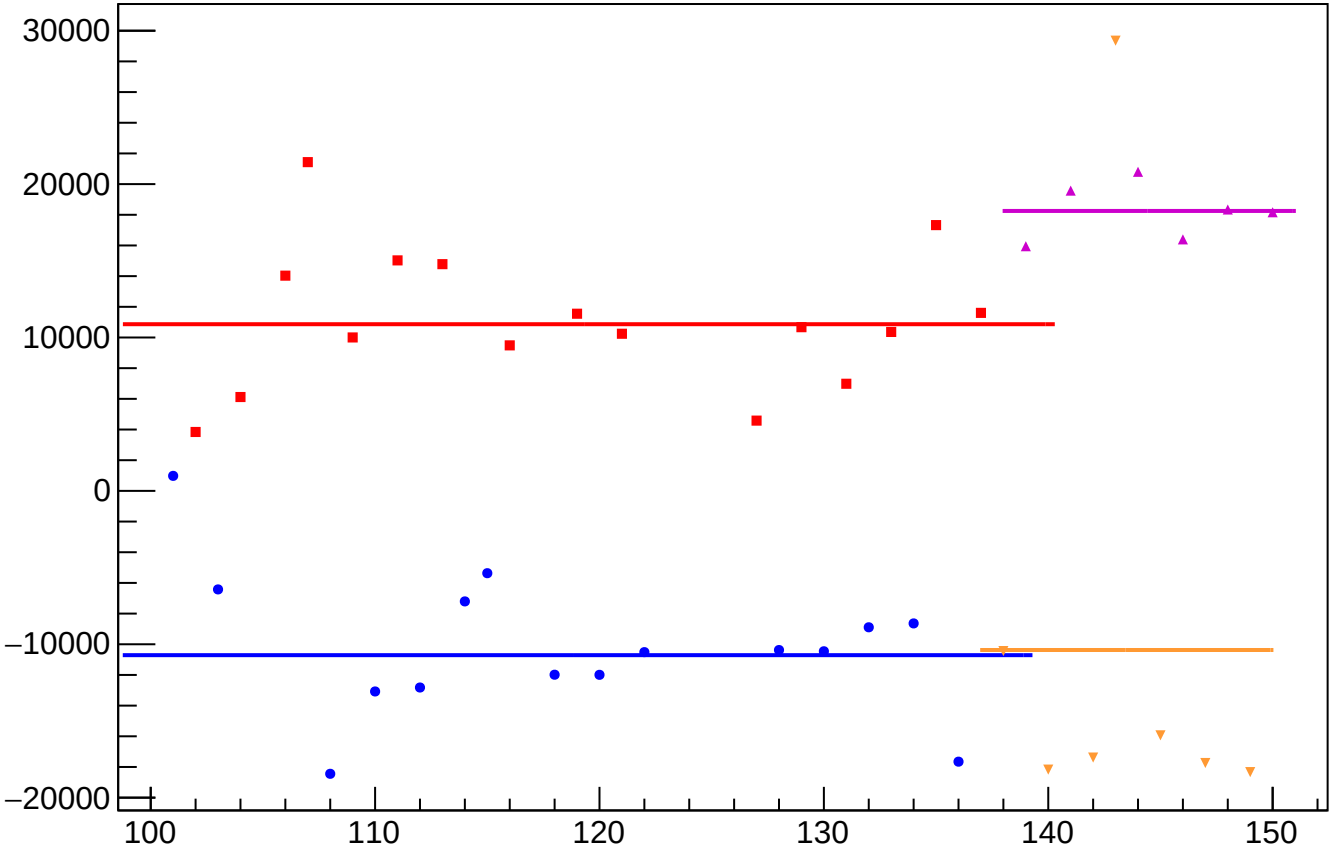
All: 0.551+/-0.000 χ^2/NDF: 10793443378460

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



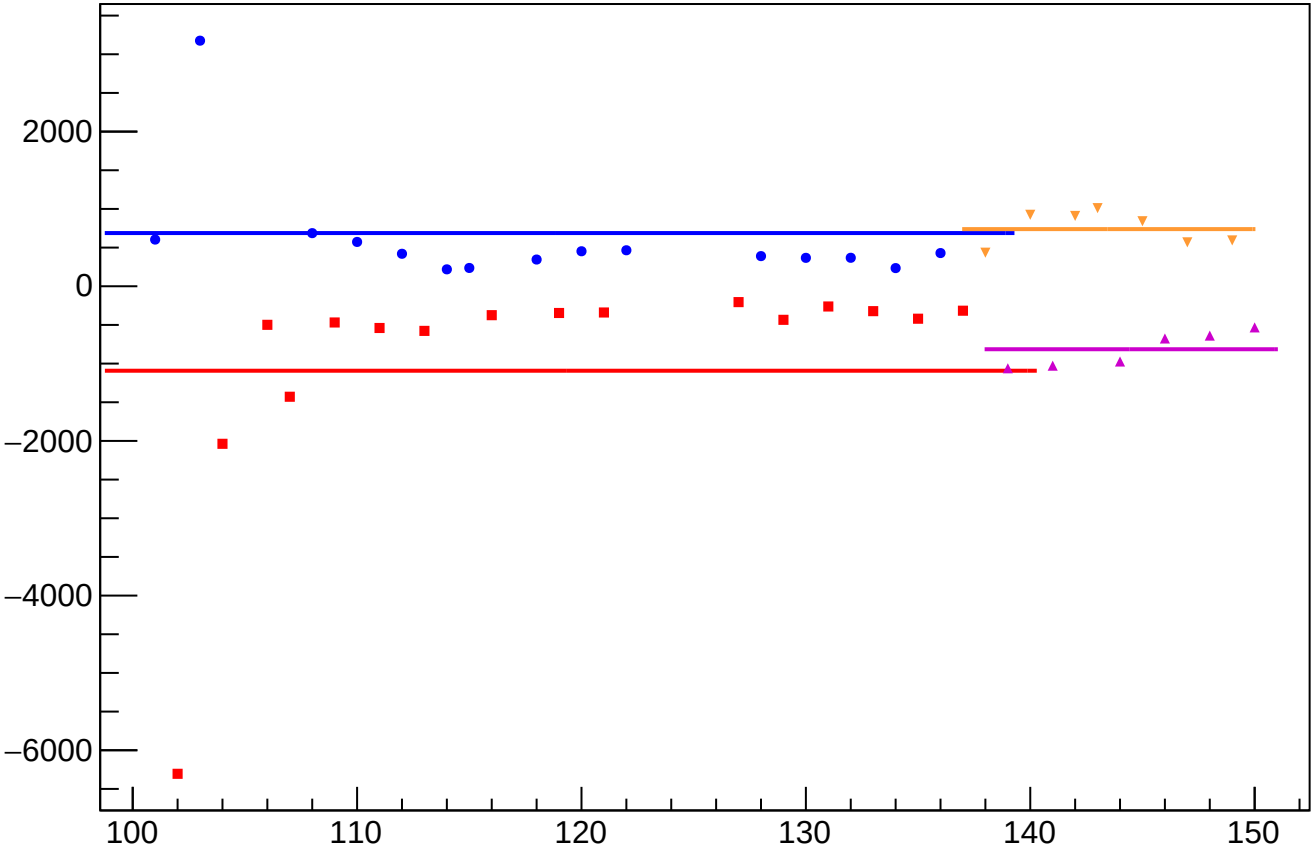
Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_atl1_coil1_mean vs Slug, Sign Corrected



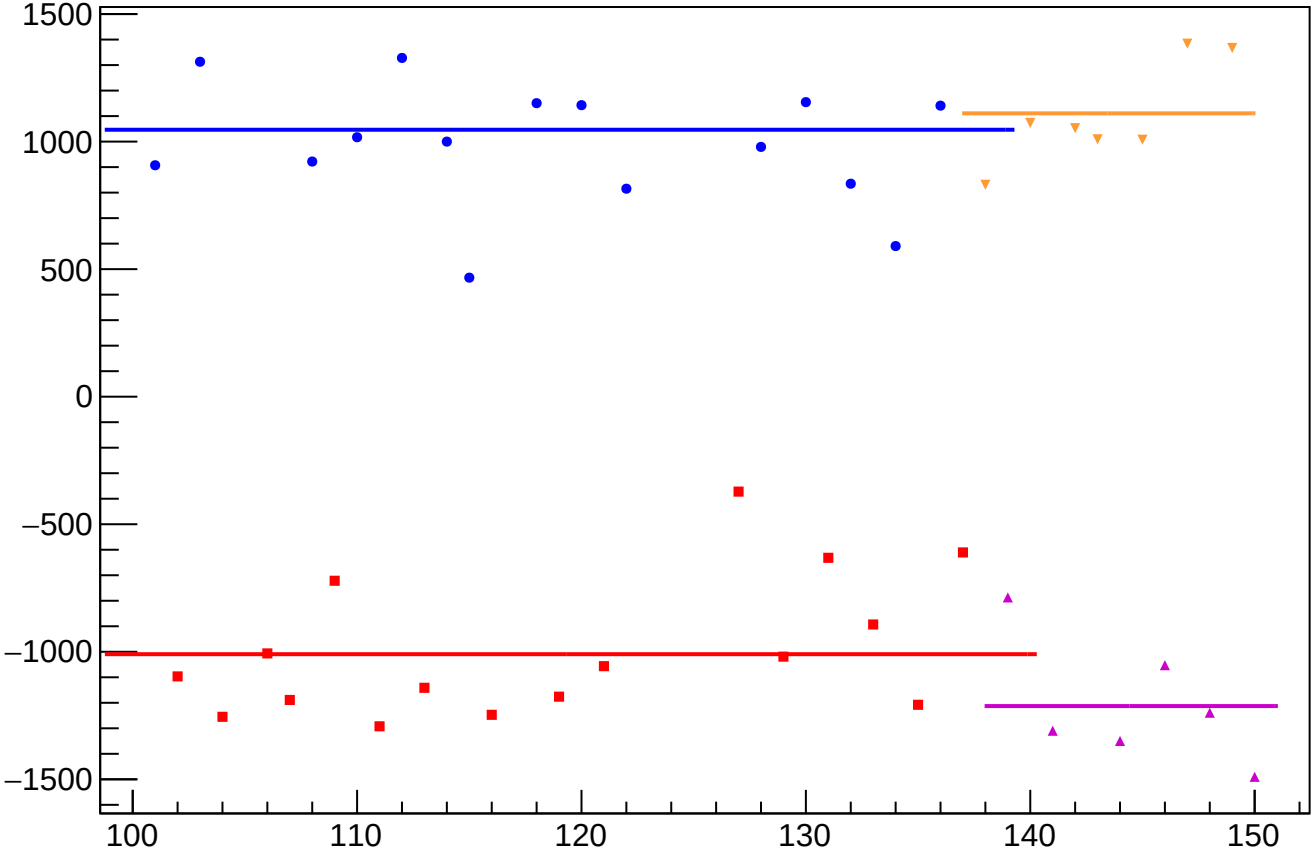
Left: 3896.629+/-0.000 χ^2/NDF: 33726154473360
Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14
Right: 225.546+/-0.000 χ^2/NDF: 18431655573363 0
Left Out: -10373.629+/-0.000 χ^2/NDF:1250462080526854929587456527184445078241 28.0/6
In: 2075.253+/-0.000 χ^2/NDF:2586993987382982
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15
Out: 1601.865+/-0.000 χ^2/NDF:2705297947078 71
Left In: 18250.338+/-0.000 χ^2/NDF:1444108501123684501156482224034859188224.0/5
All: 1836.439+/-0.000 χ^2/NDF: 5293605594 1

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



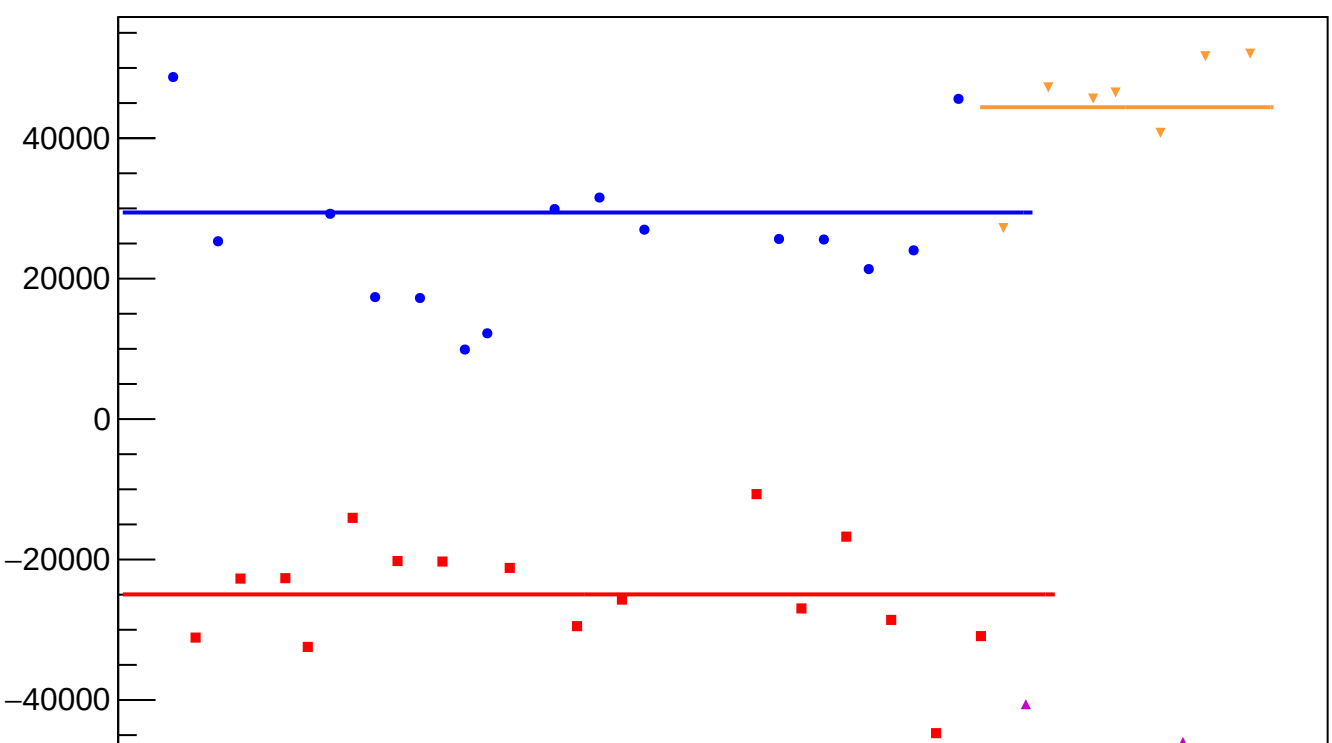
Left: -35.457+/-0.000 χ^2/NDF: 6645489615824139
Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
Right: -214.338+/-0.000 χ^2/NDF: 33349422342847
Left Out: 739.024+/-0.000 χ^2/NDF:212496822101850715953978536484289904 64.0/6
In: 24.656+/-0.000 χ^2/NDF:1078512477744012 18
Right Out: -1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15
Out: -293.495+/-0.000 χ^2/NDF:28801212329603 6
Left In: -814.467+/-0.000 χ^2/NDF:22474191608559015654980176403908001792.0/5
All: -135.844+/-0.000 χ^2/NDF: 40179692057

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -2198.348+/-0.000 χ^2/NDF: 22916877872573

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 44407.060+/-0.000 χ^2/NDF:3416427478936055448743042661491998615142 4.0/6

In: -5236.893+/-0.000 χ^2/NDF:1846422076249 82

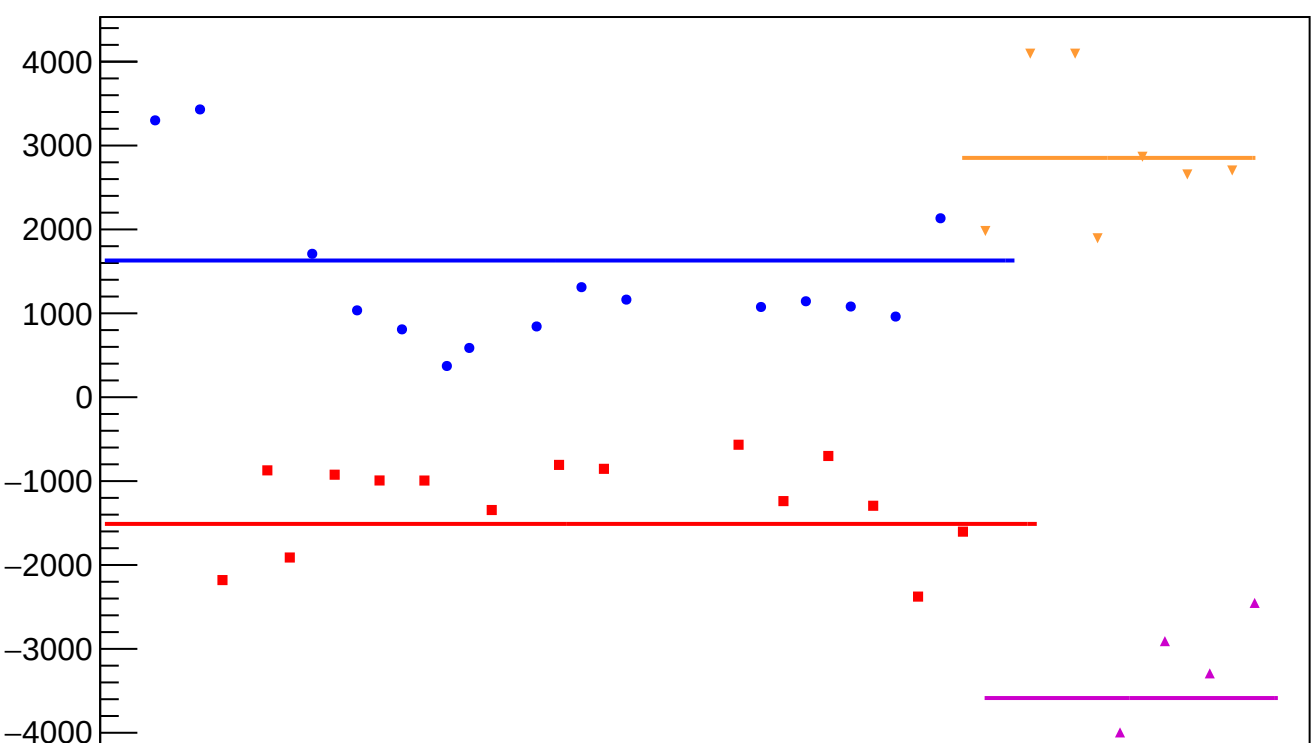
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: 5294.772+/-0.000 χ^2/NDF:1479818486496 93

Left In: -49076.303+/-0.000 χ^2/NDF:9399089159287117788890320074502192496640.0/5

All: 76.096+/-0.000 χ^2/NDF: 3391259835214

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Left: -357.264+/-0.000 χ^2/NDF: 113017648015038

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

Left Out: 2852.702+/-0.000 χ^2/NDF:3232461813719185712791177115768675368 96.0/6

In: -673.017+/-0.000 χ^2/NDF:8659464969012255

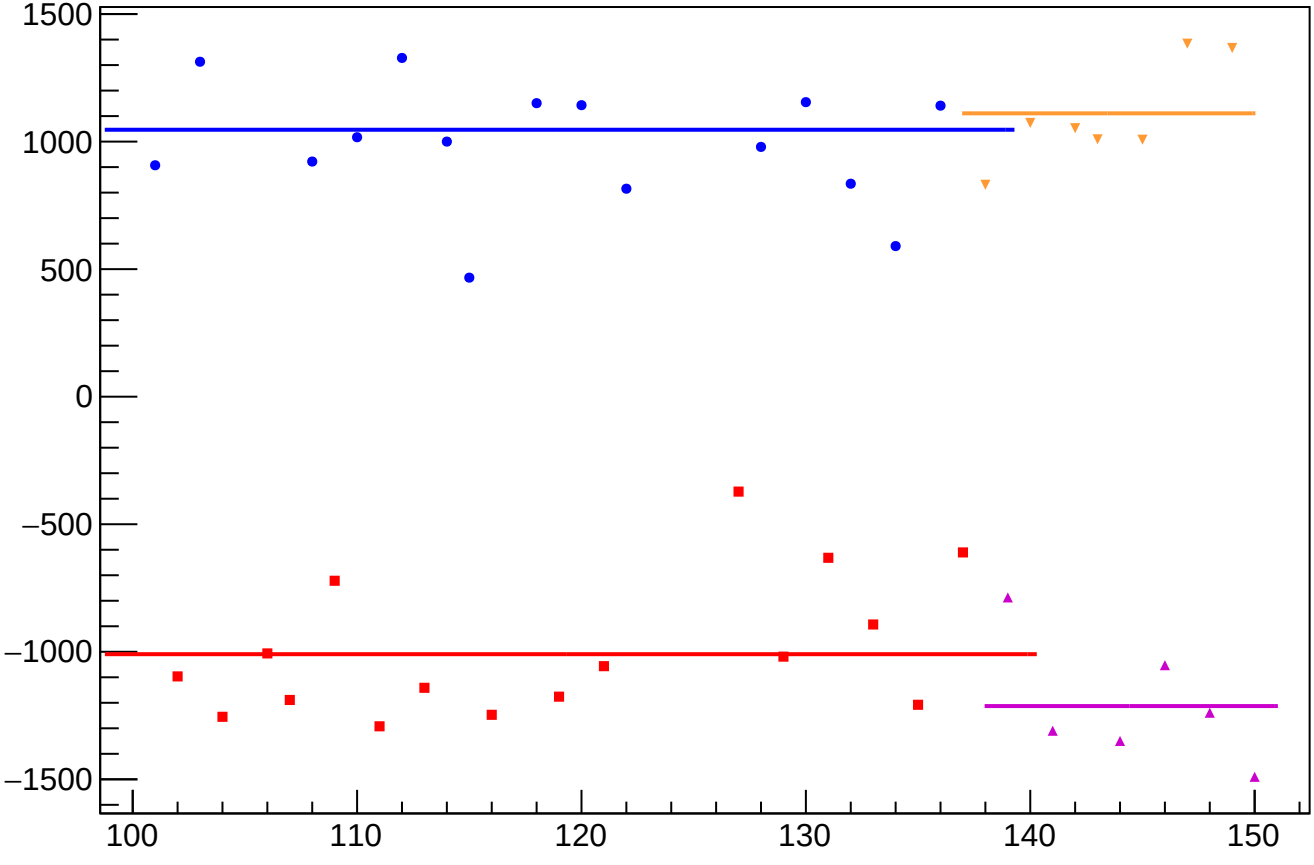
Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Out: 392.755+/-0.000 χ^2/NDF:6549570284935400

Left In: -3586.001+/-0.000 χ^2/NDF:3138222350753167423287587206737082449 92.0/5

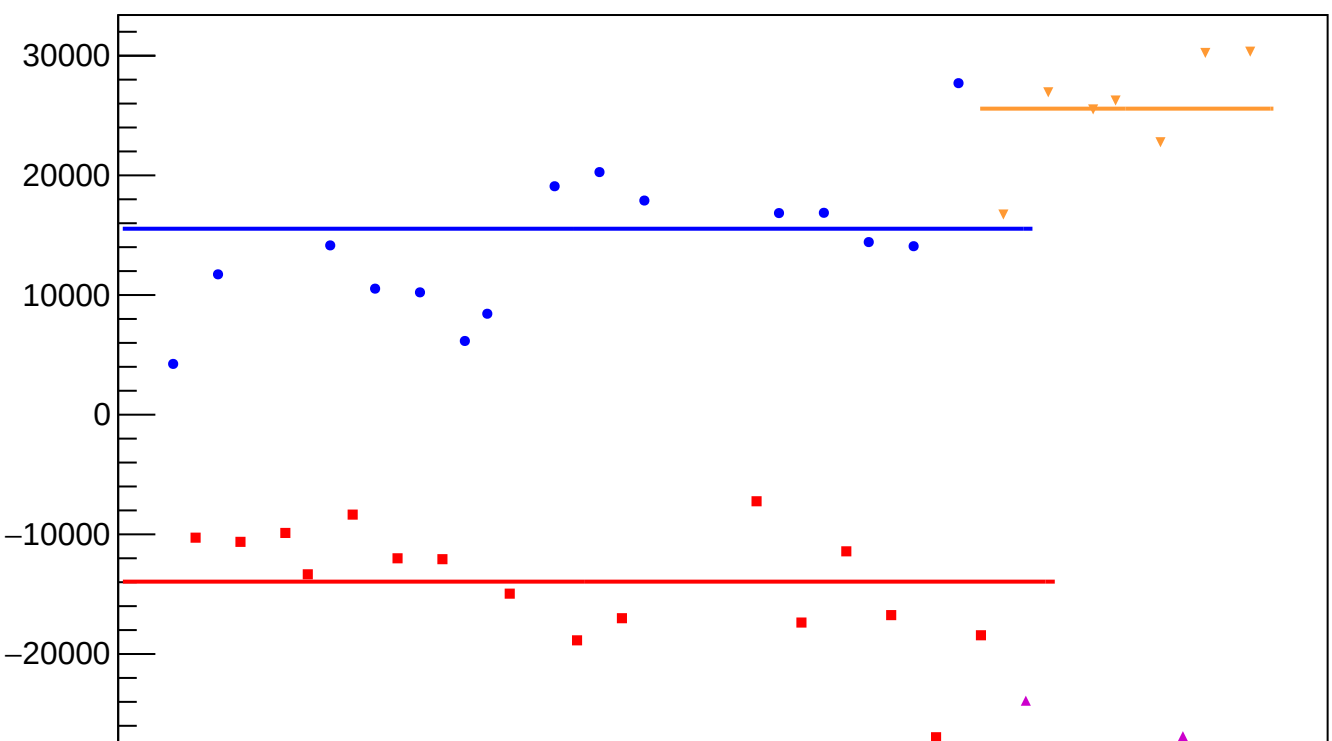
All: -135.359+/-0.000 χ^2/NDF: 15874885258

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



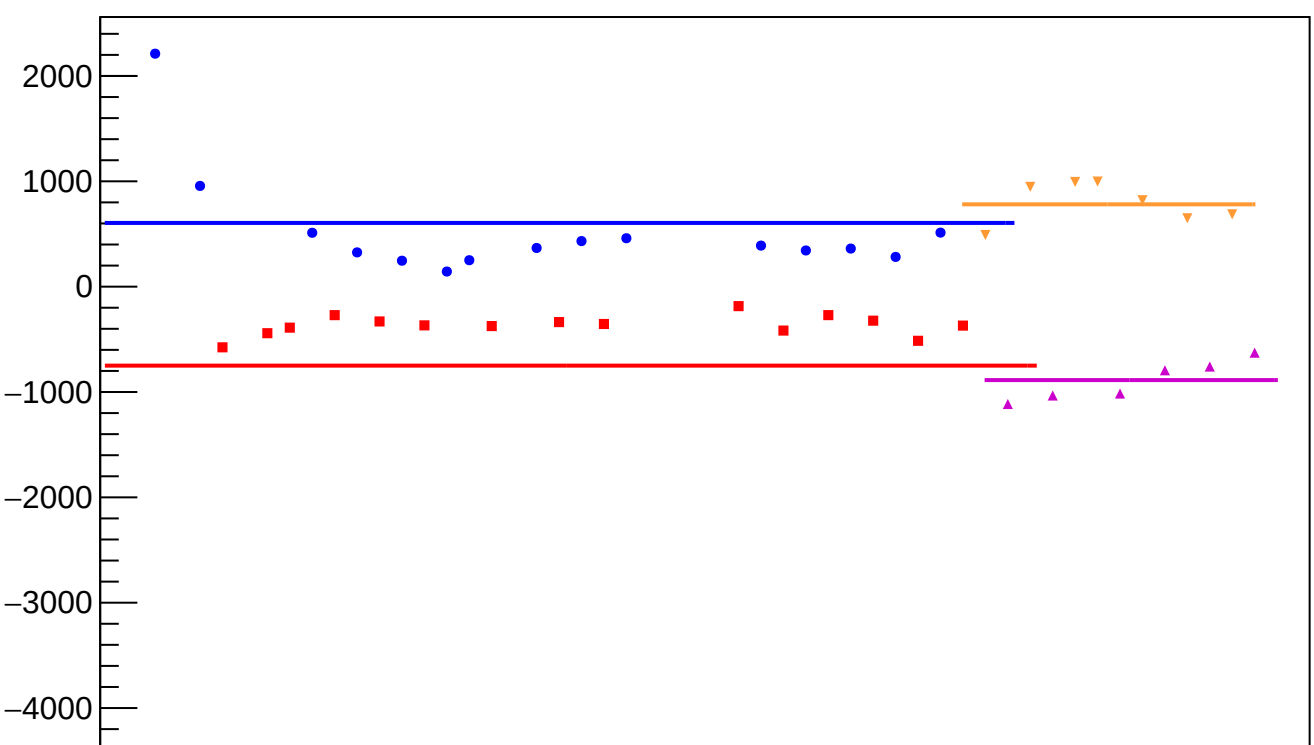
Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:15137742102669927
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:1371824595857791
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_atr1_coil1_mean vs Slug, Sign Corrected



Left: -1301.939+/-0.000 χ^2/NDF: 76112508959744
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 25576.036+/-0.000 χ^2/NDF:1052307036694341533050953755324964457676 8.0/6
In: -3830.430+/-0.000 χ^2/NDF:581891731235457
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 3289.421+/-0.000 χ^2/NDF:482043041784689
Left In: -28337.096+/-0.000 χ^2/NDF:2878886960924973103433964570313758867456.0/5
All: -238.625+/-0.000 χ^2/NDF: 10936507351

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Left: -50.222+/-0.000 χ^2/NDF: 7480302139432309

Right In: 605.034+/-0.000 χ^2/NDF: 18940152279160761444860015772336285286 4.0/14

Right: -81.538+/-0.000 χ^2/NDF: 181435748538570

Left Out: 781.509+/-0.000 χ^2/NDF:16319315463197920380712003616152485888.0/6

In: -53.588+/-0.000 χ^2/NDF:84279780469119208

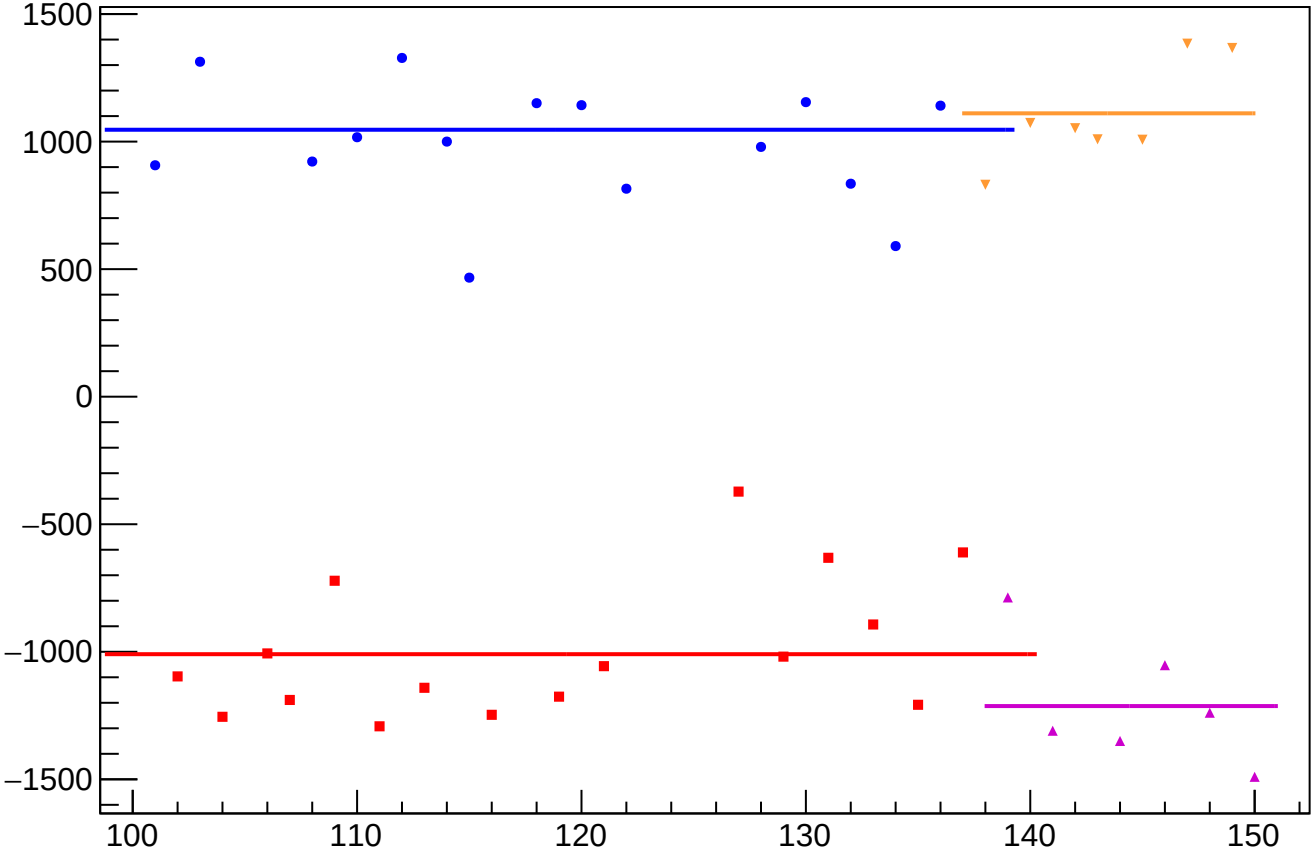
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418892 8.0/15

Out: -81.752+/-0.000 χ^2/NDF:1719691250146723

Left In: -886.816+/-0.000 χ^2/NDF:157112773473832262198461933643471257 60.0/5

All: -67.796+/-0.000 χ^2/NDF: 256295403833

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6

In: 49.040+/-0.000 χ^2/NDF:15137742102669927 1

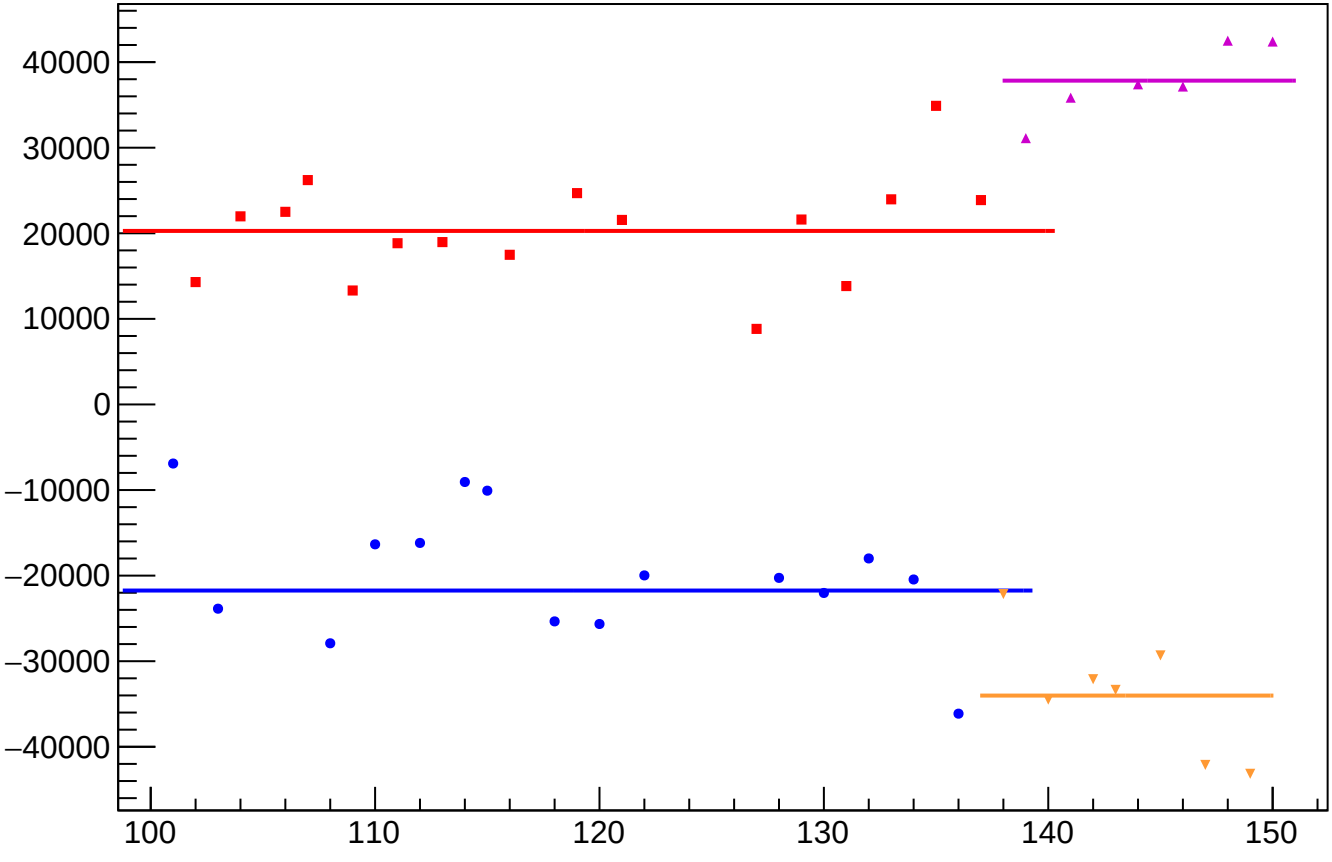
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -84.614+/-0.000 χ^2/NDF:1371824595857791

Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5

All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_atr2_coil1_mean vs Slug, Sign Corrected



Left: 1804.364+/-0.000 χ^2/NDF: 136096109308321

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -34016.469+/-0.000 χ^2/NDF:251176342236543778507007594740185248563 20.0/6

In: 4559.163+/-0.000 χ^2/NDF:1065903295682640

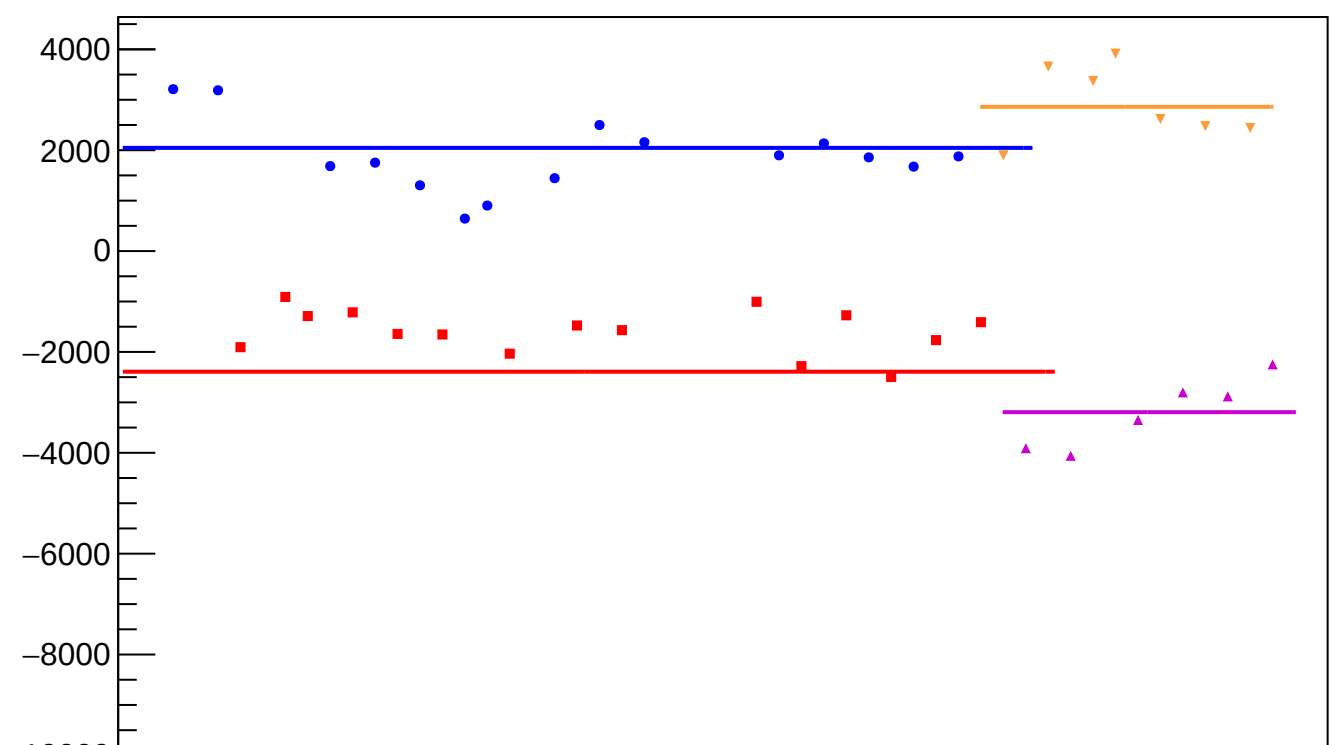
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15

Out: -3405.576+/-0.000 χ^2/NDF:90860579404059

Left In: 37834.675+/-0.000 χ^2/NDF:777929150318891118768694088934484030259 2.0/5

All: 541.131+/-0.000 χ^2/NDF: 20116960874 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -158.283+/-0.000 χ^2/NDF: 988189651901740

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 2860.206+/-0.000 χ^2/NDF:241664153953763127597560555107296215040.0/6

In: -267.346+/-0.000 χ^2/NDF:8345962978274138

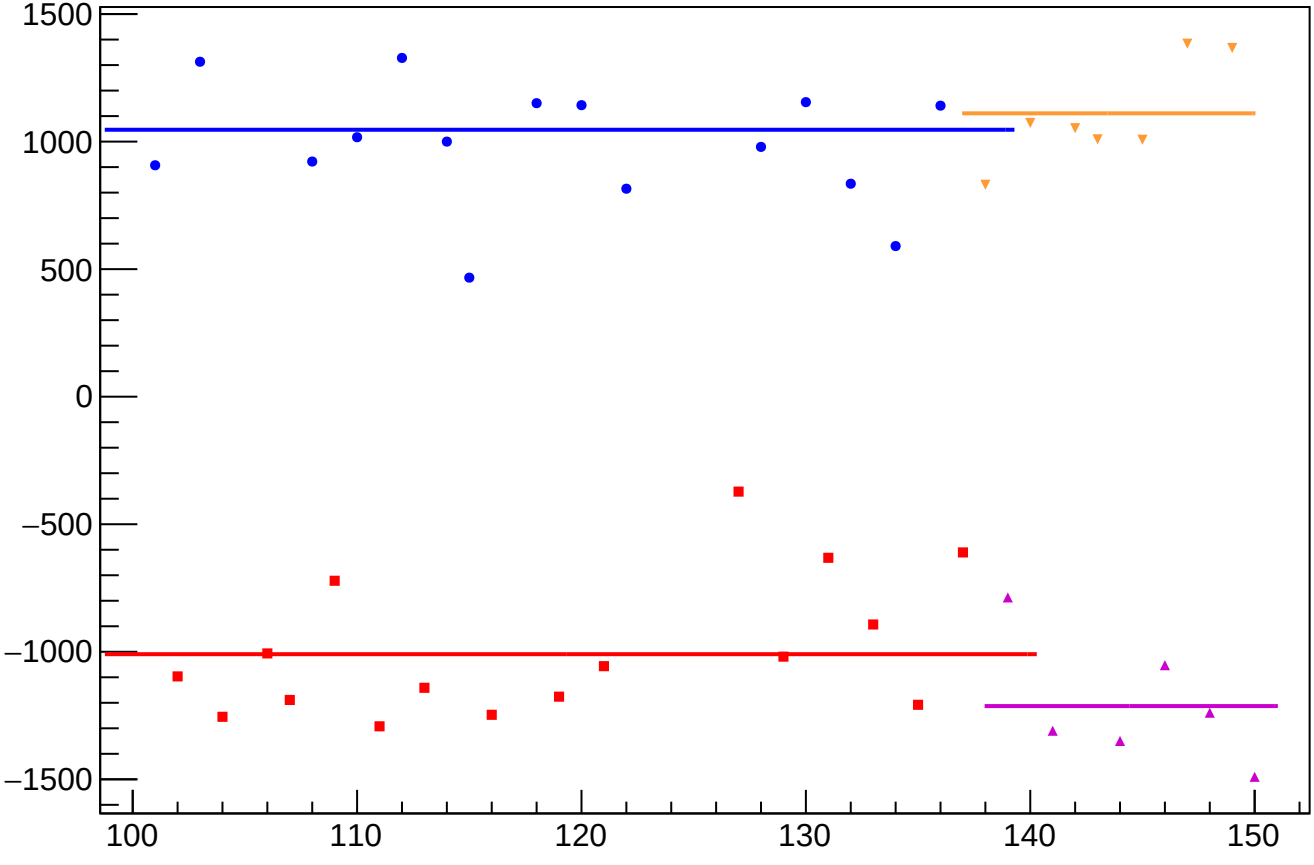
Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981900 8.0/15

Out: -101.063+/-0.000 χ^2/NDF:126823135666358

Left In: -3194.424+/-0.000 χ^2/NDF:209902275036271773602053052545596653568.0/5

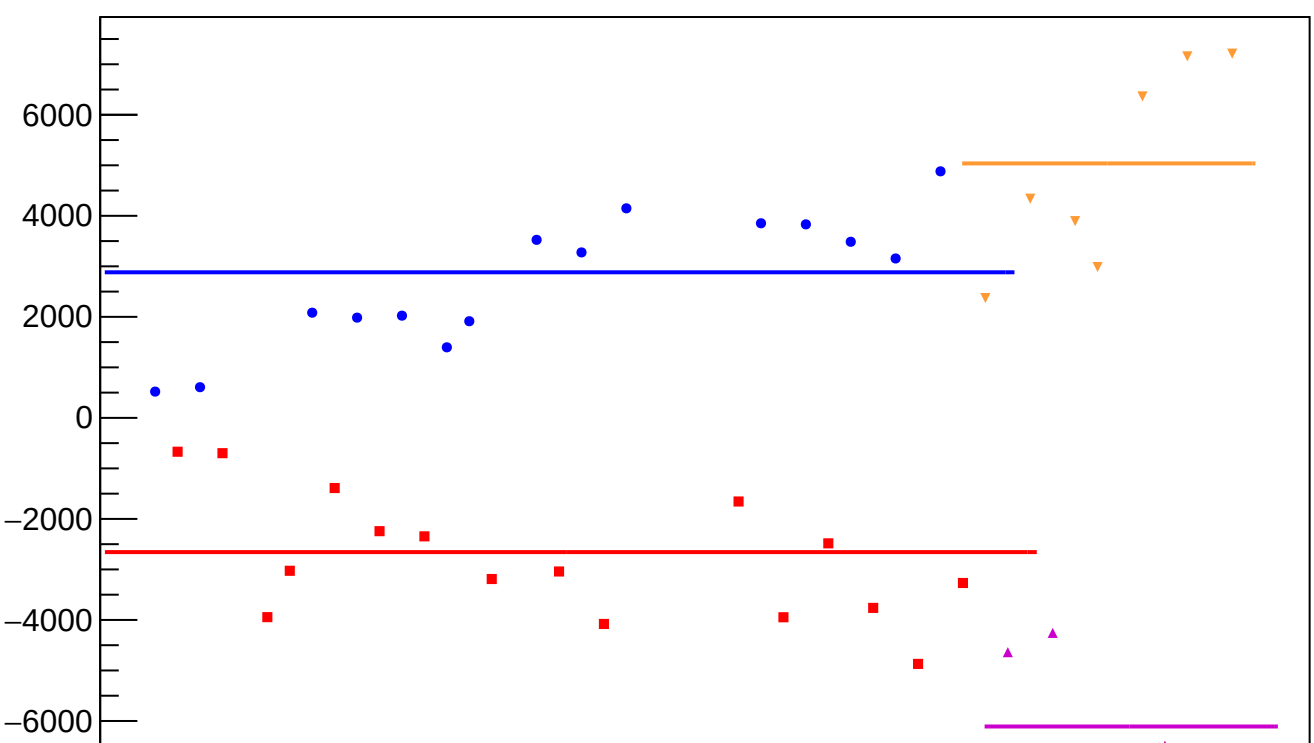
All: -183.460+/-0.000 χ^2/NDF: 21044485107

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:15137742102669927
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:1371824595857791
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -519.619+/-0.000 χ^2/NDF: 345155419629504

Right In: 2881.935+/-0.000 χ^2/NDF: 13203193914965255336920823658788 34823168.0/14

Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623

Left Out: 5037.341+/-0.000 χ^2/NDF:18253750459371115948944755284954 27485696.0/6

In: -1087.418+/-0.000 χ^2/NDF:252111831327183

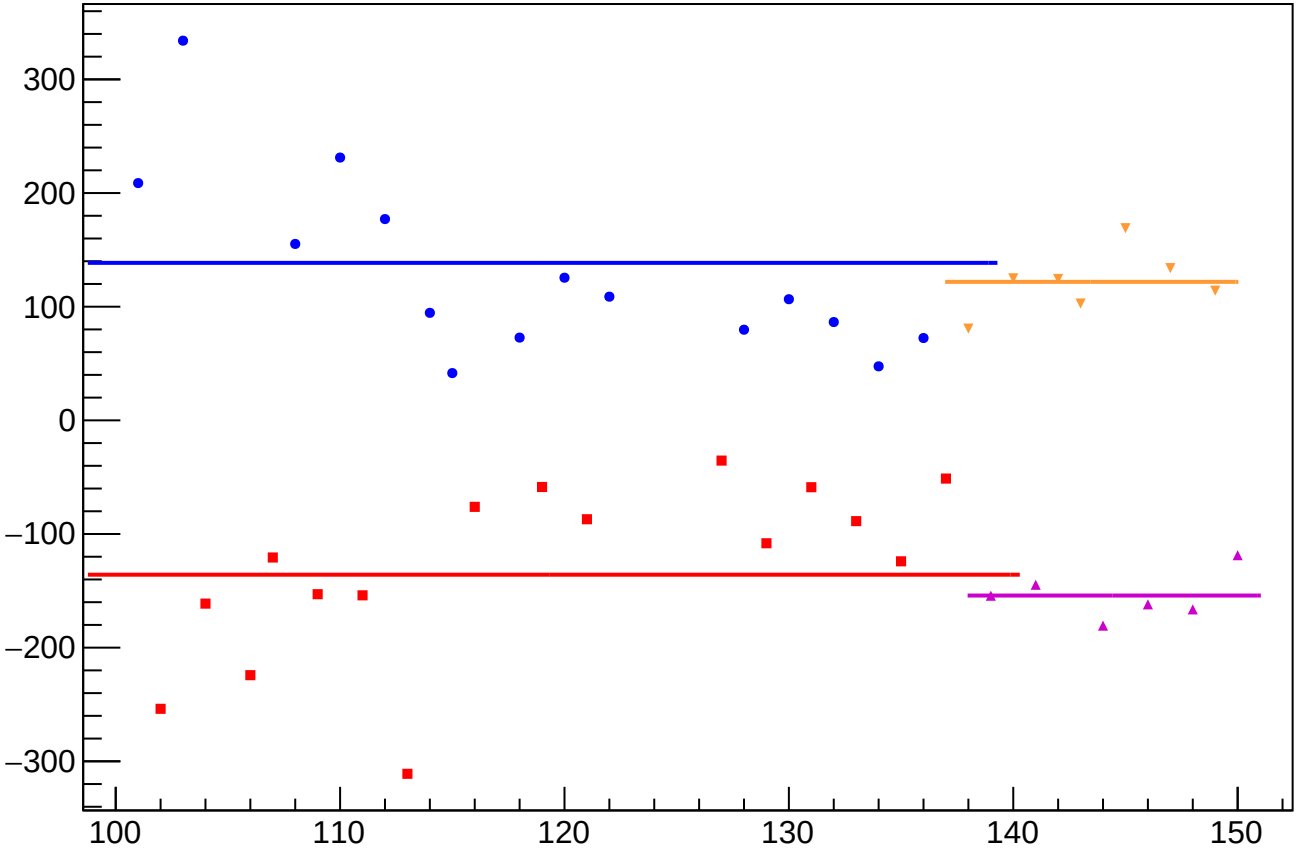
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Out: 699.158+/-0.000 χ^2/NDF:2012669229341366

Left In: -6109.075+/-0.000 χ^2/NDF:7290313436045302475464785334309738 25024.0/5

All: -186.131+/-0.000 χ^2/NDF: 47208948691

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -15.741+/-0.000 χ^2/NDF: 2015427039367099

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 121.862+/-0.000 χ^2/NDF:3545943590511818919383426925802291 20.0/6

In: 9.345+/-0.000 χ^2/NDF:289959533102063564 0

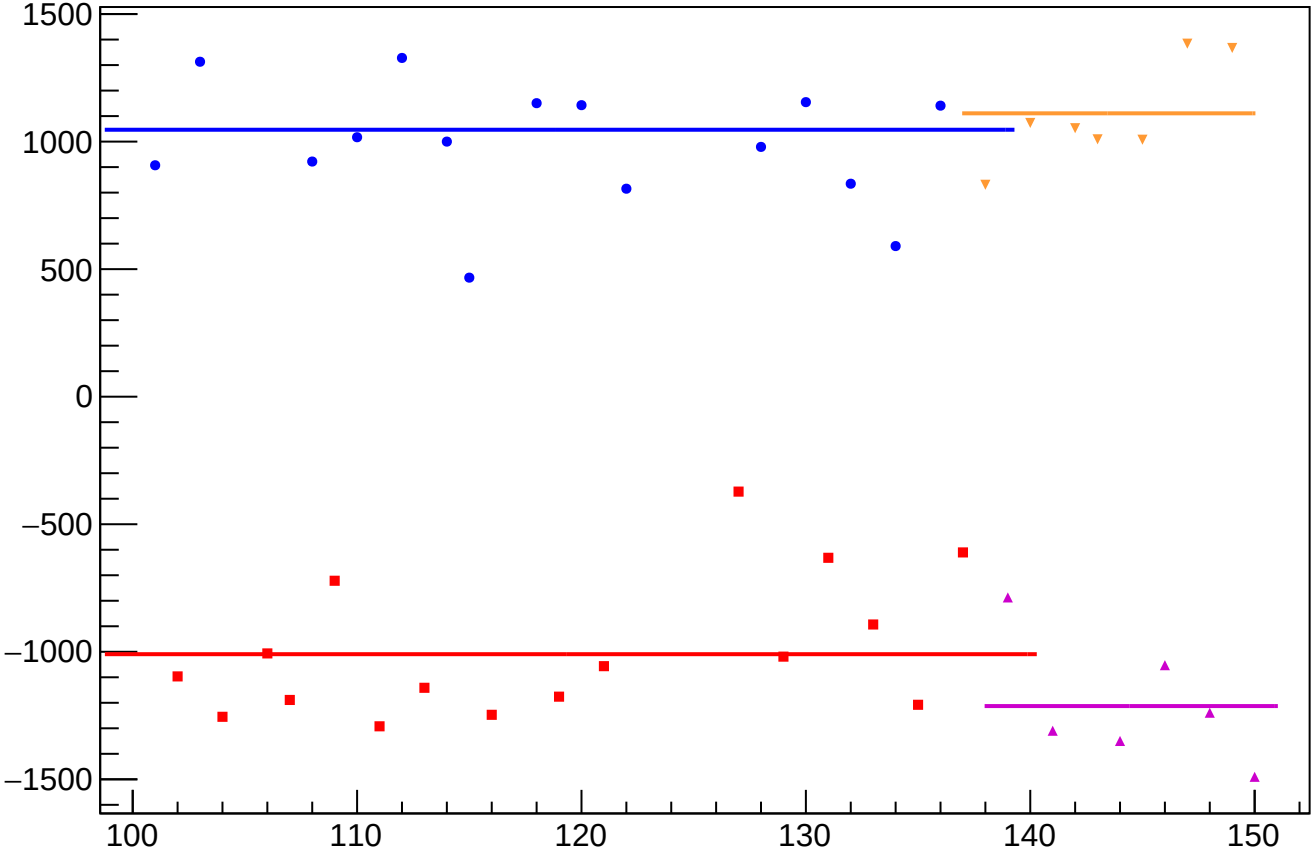
Right Out: -135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

Out: -23.418+/-0.000 χ^2/NDF:2362710359991382

Left In: -154.148+/-0.000 χ^2/NDF:2021948373308790511650465294235729 92.0/5

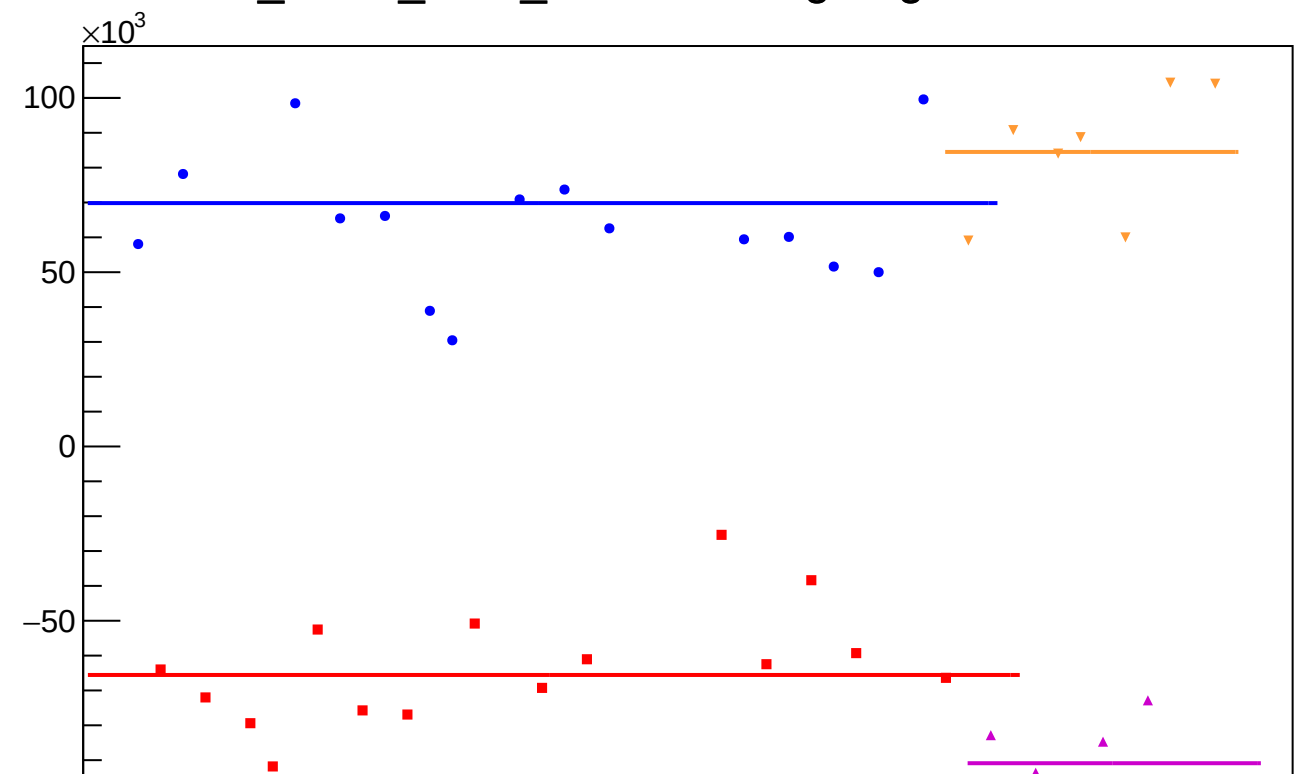
All: -7.183+/-0.000 χ^2/NDF: 5325229663059

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2928.791+/-0.000 χ^2/NDF: 81505674865463

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 84506.950+/-0.000 χ^2/NDF:16656641652186759178931163392968185243238 4.0/6

In: -1119.684+/-0.000 χ^2/NDF:765867190845213

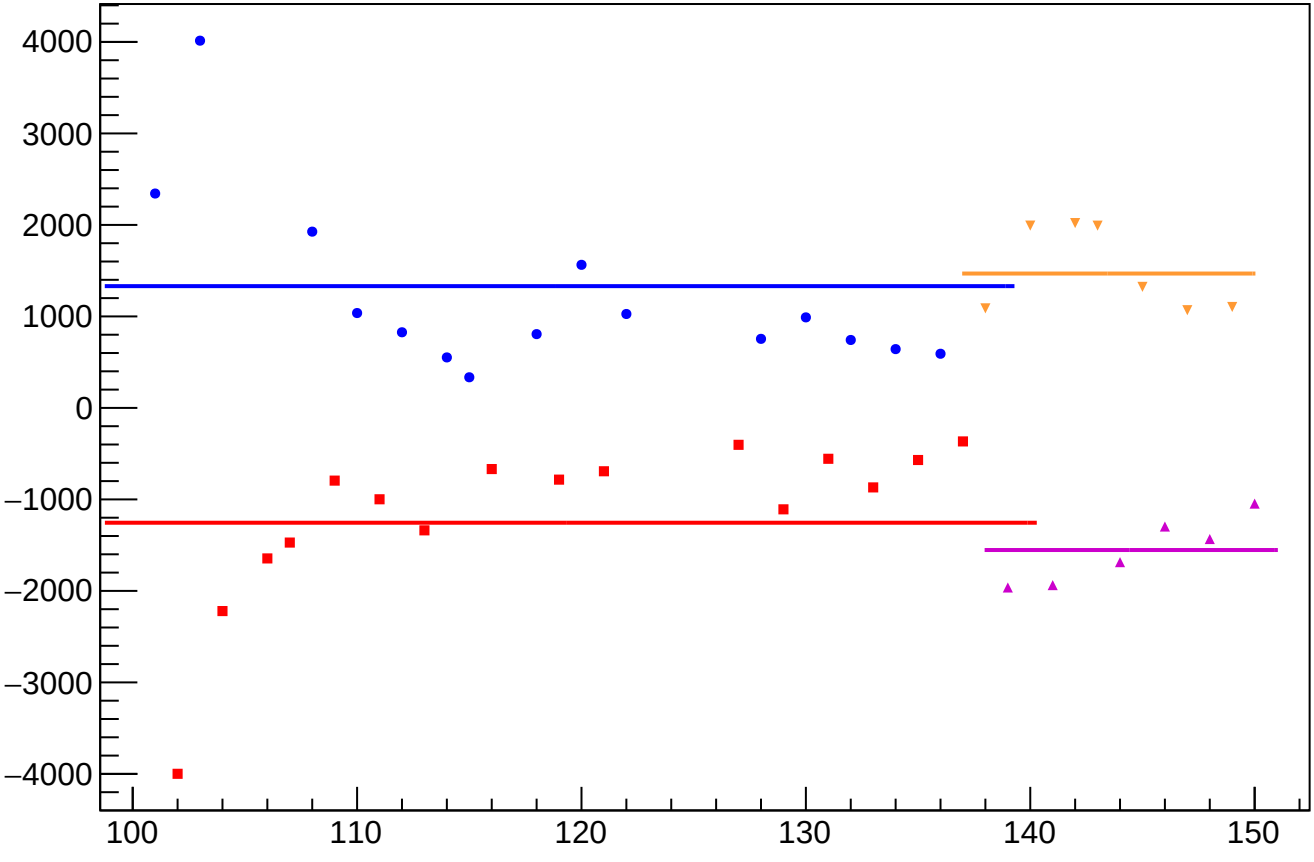
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: -101.181+/-0.000 χ^2/NDF:692994828969835

Left In: -90875.853+/-0.000 χ^2/NDF:712827033340683912410313424458003932774 40.0/5

All: -605.872+/-0.000 χ^2/NDF: 1458922829 4

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Left: -37.852+/-0.000 χ^2/NDF: 2498302052259667

Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615

Left Out: 1468.628+/-0.000 χ^2/NDF:91601034059548894949475628975130673152.0/6

In: 57.684+/-0.000 χ^2/NDF:30905139520365743 9

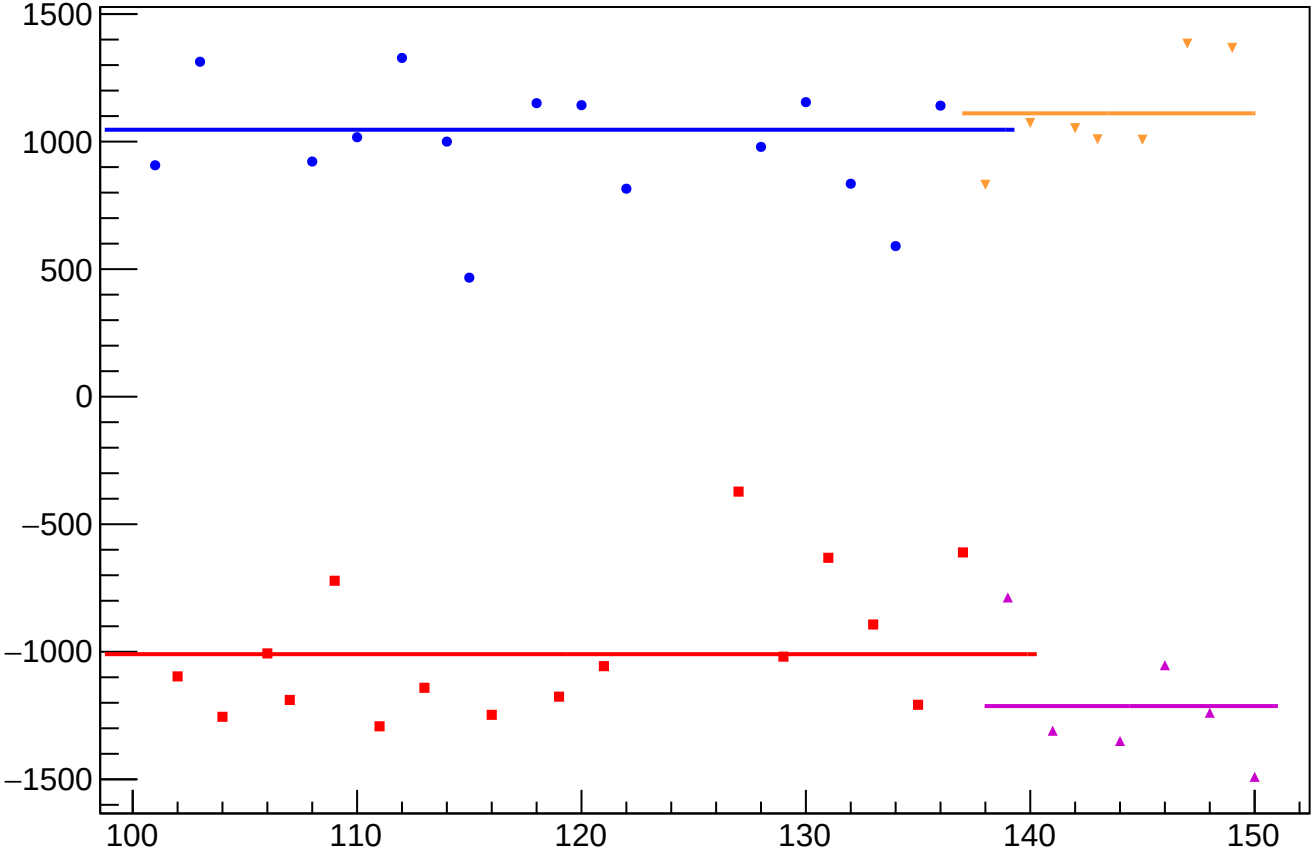
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

Out: -66.938+/-0.000 χ^2/NDF:2881709935004413

Left In: -1553.141+/-0.000 χ^2/NDF:5774936068618006897496226331547087 6672.0/5

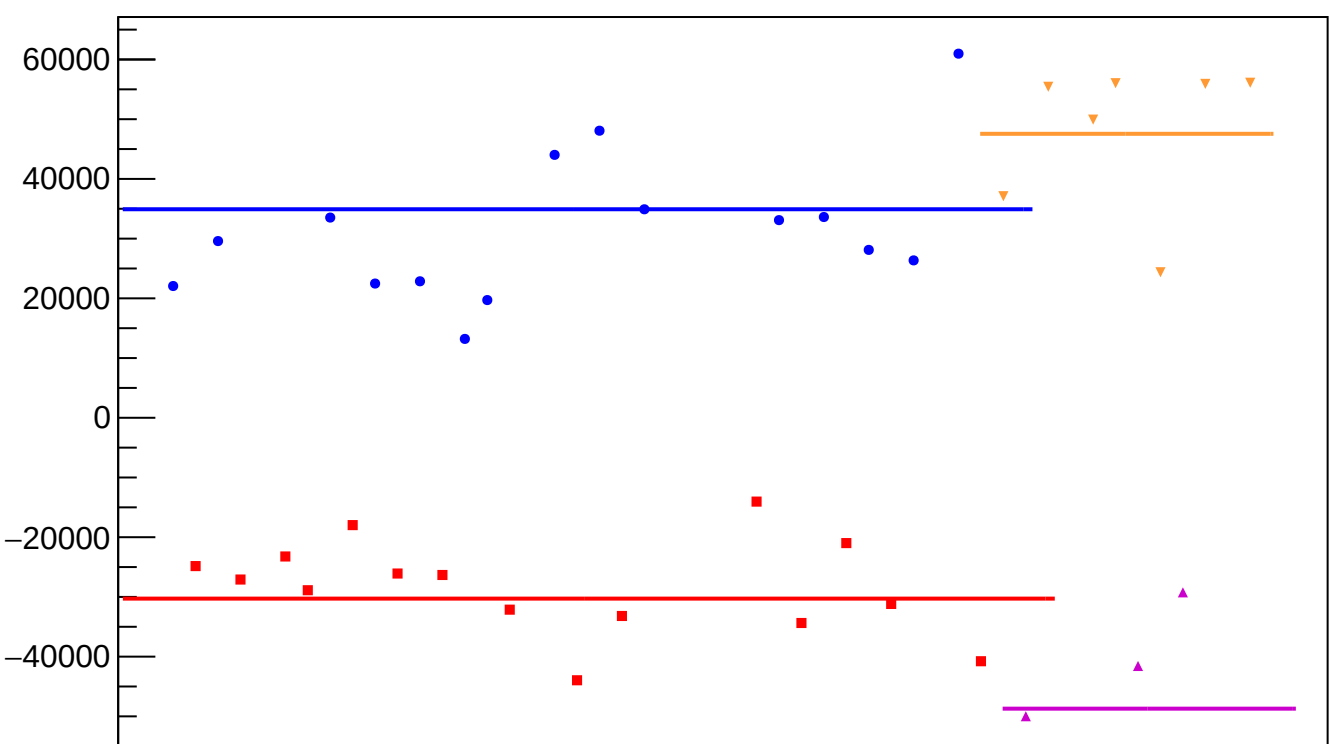
All: -5.185+/-0.000 χ^2/NDF: 5981327999312

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:15137742102669927
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:1371824595857791
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -438.350+/-0.000 χ^2/NDF: 251171599906160

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 47553.780+/-0.000 χ^2/NDF:7381974105458016253042456665793117972070 4.0/6

In: -2001.650+/-0.000 χ^2/NDF:216434475337375

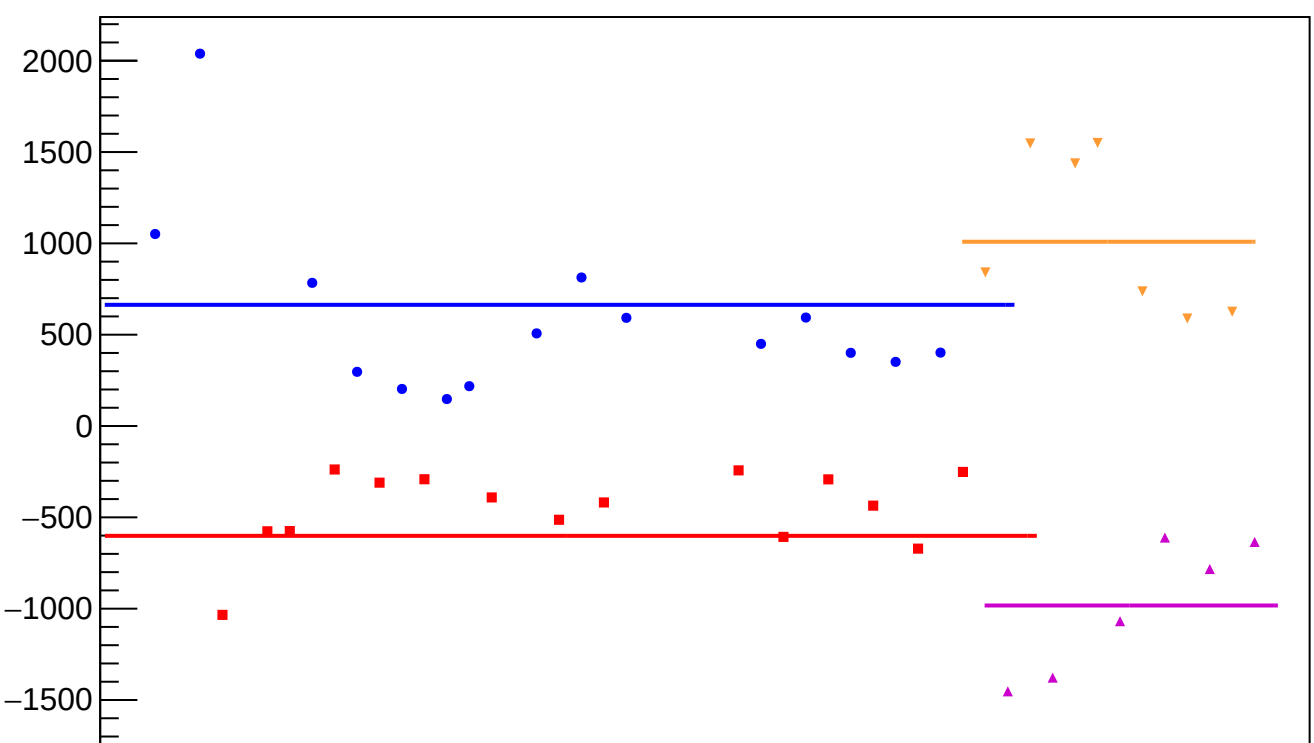
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 3668.138+/-0.000 χ^2/NDF:192476492075417

Left In: -48711.135+/-0.000 χ^2/NDF:5399774828581544996028495806516158686822 4.0/5

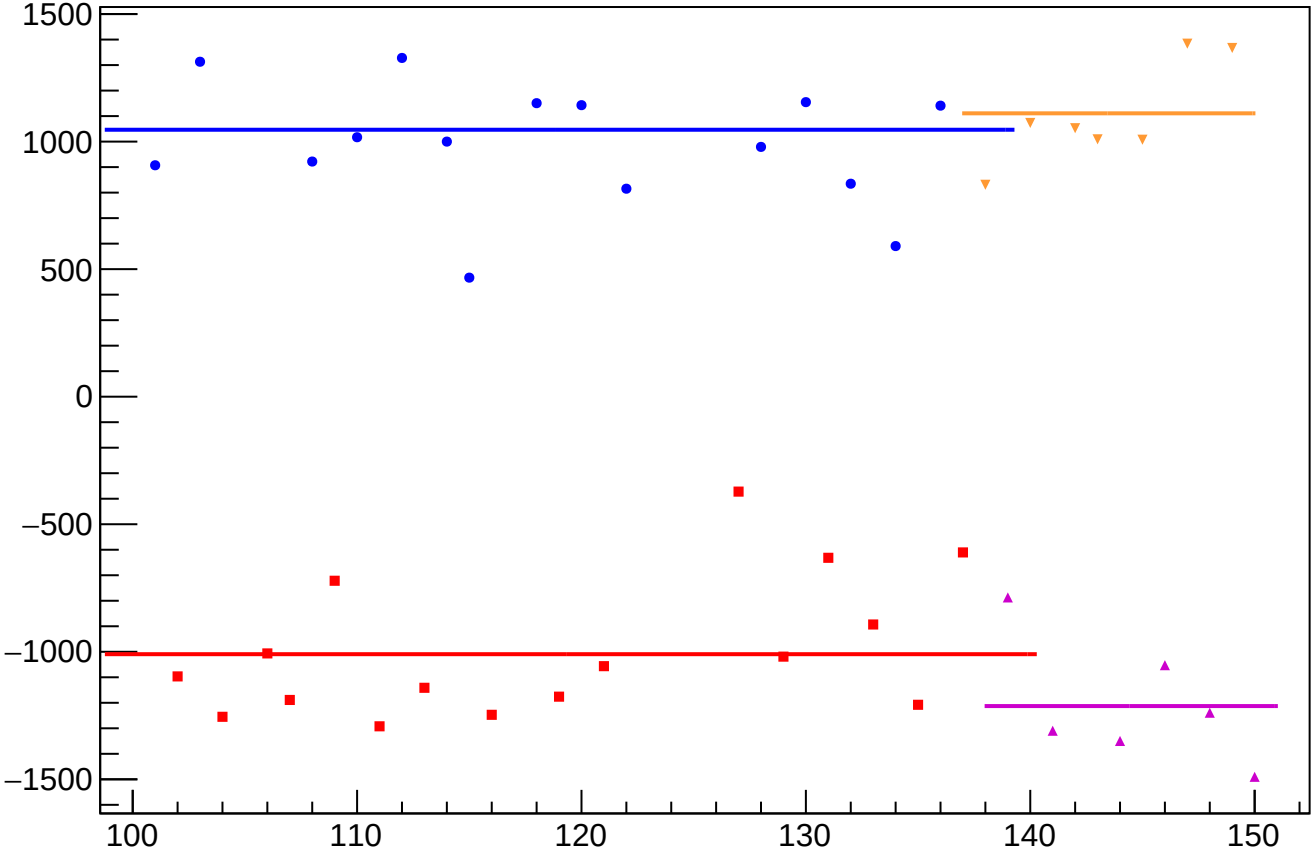
All: 858.631+/-0.000 χ^2/NDF: 41079540472 5

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



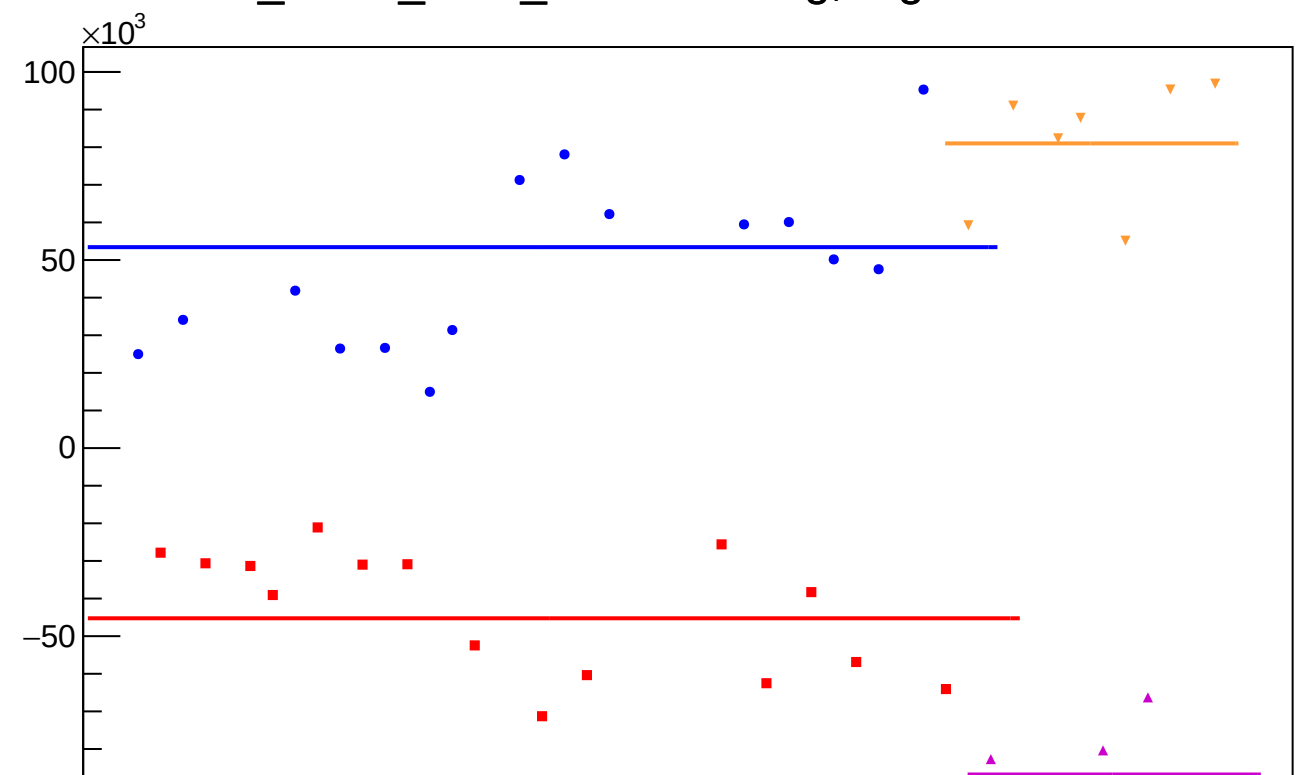
Left: 16.103+/-0.000 χ^2/NDF: 1163985870557910
Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 1008.934+/-0.000 χ^2/NDF:8611486118770146210280294196683420467 2.0/6
In: -63.151+/-0.000 χ^2/NDF:99170901583022471
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 101.098+/-0.000 χ^2/NDF:9900965439485260
Left In: -982.535+/-0.000 χ^2/NDF:576402577854507079772120943742744002 56.0/5
All: 19.709+/-0.000 χ^2/NDF: 1997619858995

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2643.144+/-0.000 χ^2/NDF: 74480638240695

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777734655 1808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 81002.237+/-0.000 χ^2/NDF:13981005813296833004965068236041051386 6752.0/6

In: -8473.131+/-0.000 χ^2/NDF:60592097738987 0

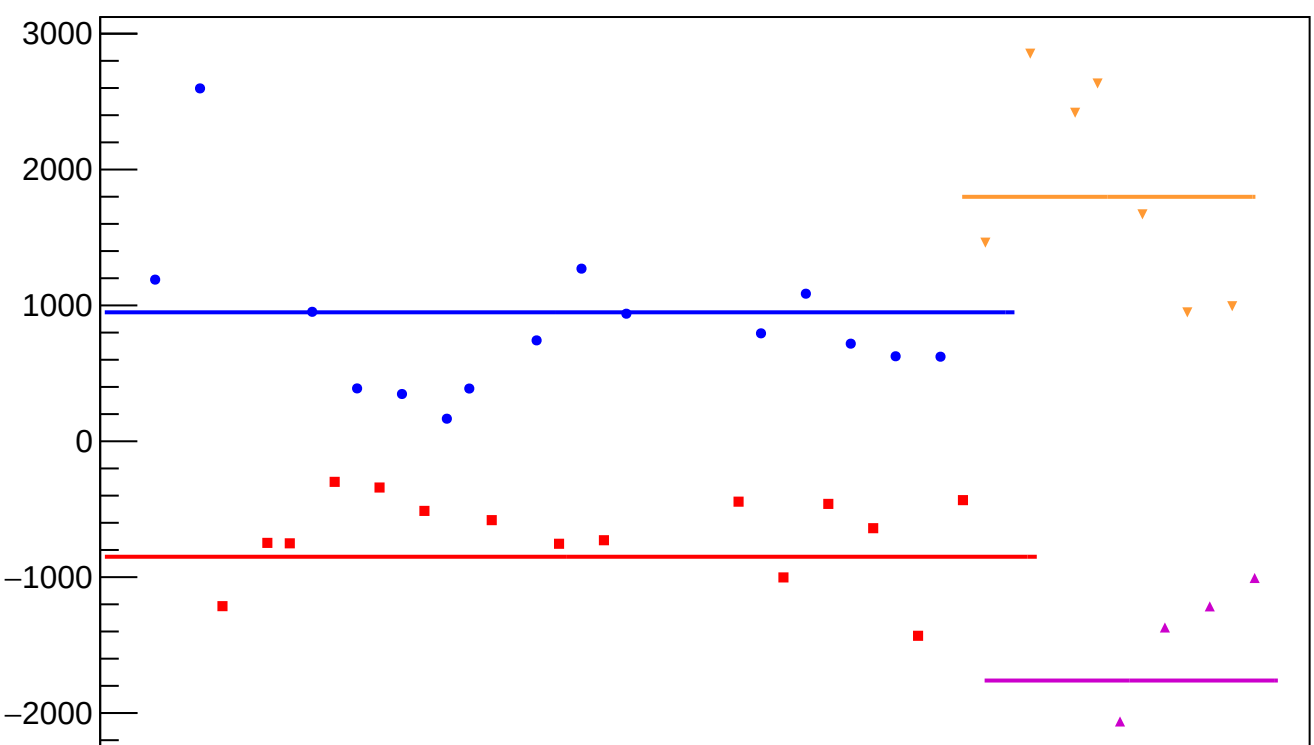
Right Out: -45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

Out: 9819.944+/-0.000 χ^2/NDF:50630353375597 9

Left In: -86777.679+/-0.000 χ^2/NDF:667020622230388079014415077397697218478 08.0/5

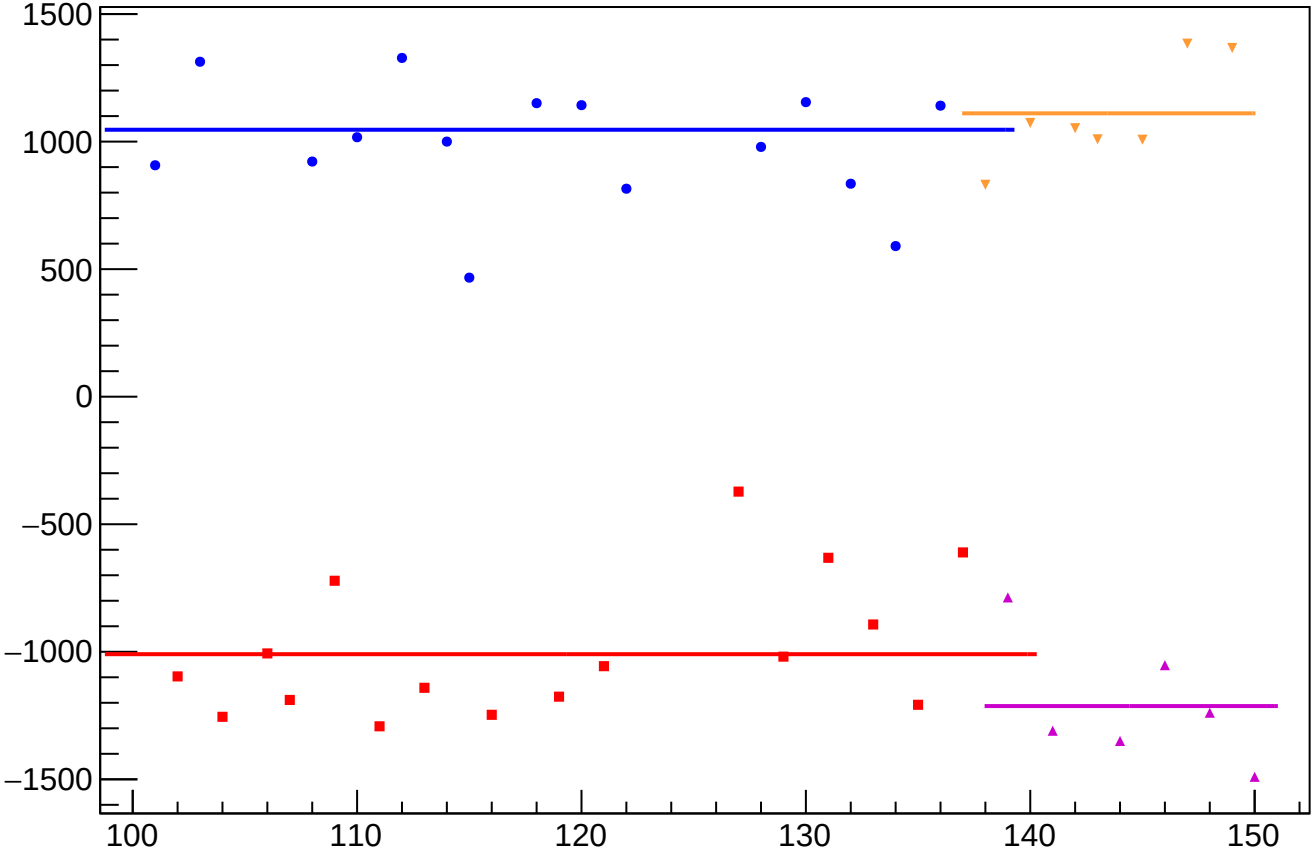
All: 755.316+/-0.000 χ^2/NDF: 11318410077 1

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



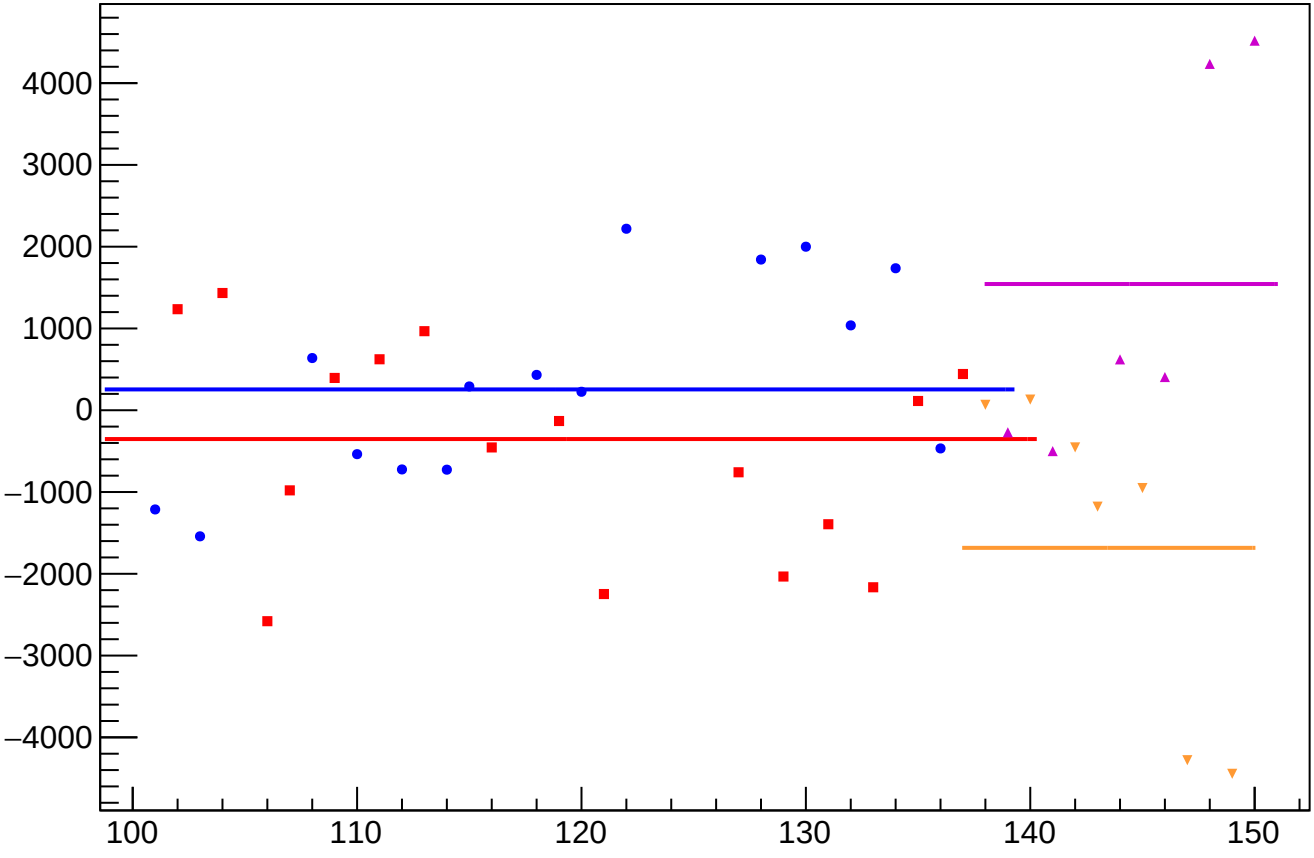
Left: 24.368+/-0.000 χ^2/NDF: 3721884128659350
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1799.237+/-0.000 χ^2/NDF:2763697398549681981221180344998465372 16.0/6
In: -247.248+/-0.000 χ^2/NDF:2515091411753609
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
Out: 305.640+/-0.000 χ^2/NDF:2522614867323085
Left In: -1760.880+/-0.000 χ^2/NDF:1850448389804601198168338202995447562 24.0/5
All: 31.671+/-0.000 χ^2/NDF: 5216899853541

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



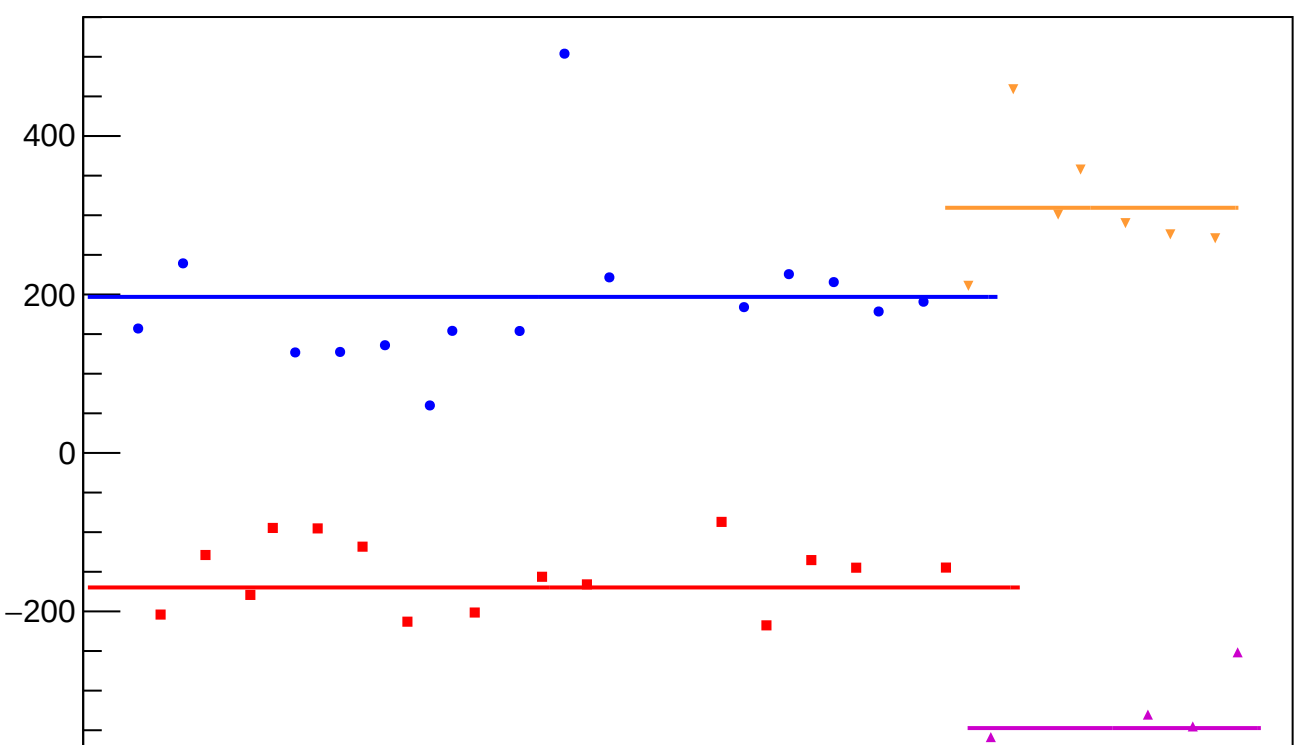
Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -74.351+/-0.000 χ^2/NDF: 6700966010388015
Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
Right: -53.015+/-0.000 χ^2/NDF: 220036732540735
Left Out: -1682.736+/-0.000 χ^2/NDF:18051058653970434214707283890420601323 52.0/6
In: 823.585+/-0.000 χ^2/NDF:3672729959030766
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
Out: -932.613+/-0.000 χ^2/NDF:342087991227459
Left In: 1543.440+/-0.000 χ^2/NDF:2218369789935830982782768686506654564352.0/5
All: -62.377+/-0.000 χ^2/NDF: 890159620733

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -17.963+/-0.000 χ^2/NDF: 1153740450382667

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 309.431+/-0.000 χ^2/NDF:2993700181318015518494264785861869568.0/6

In: -43.310+/-0.000 χ^2/NDF:90787963216184645

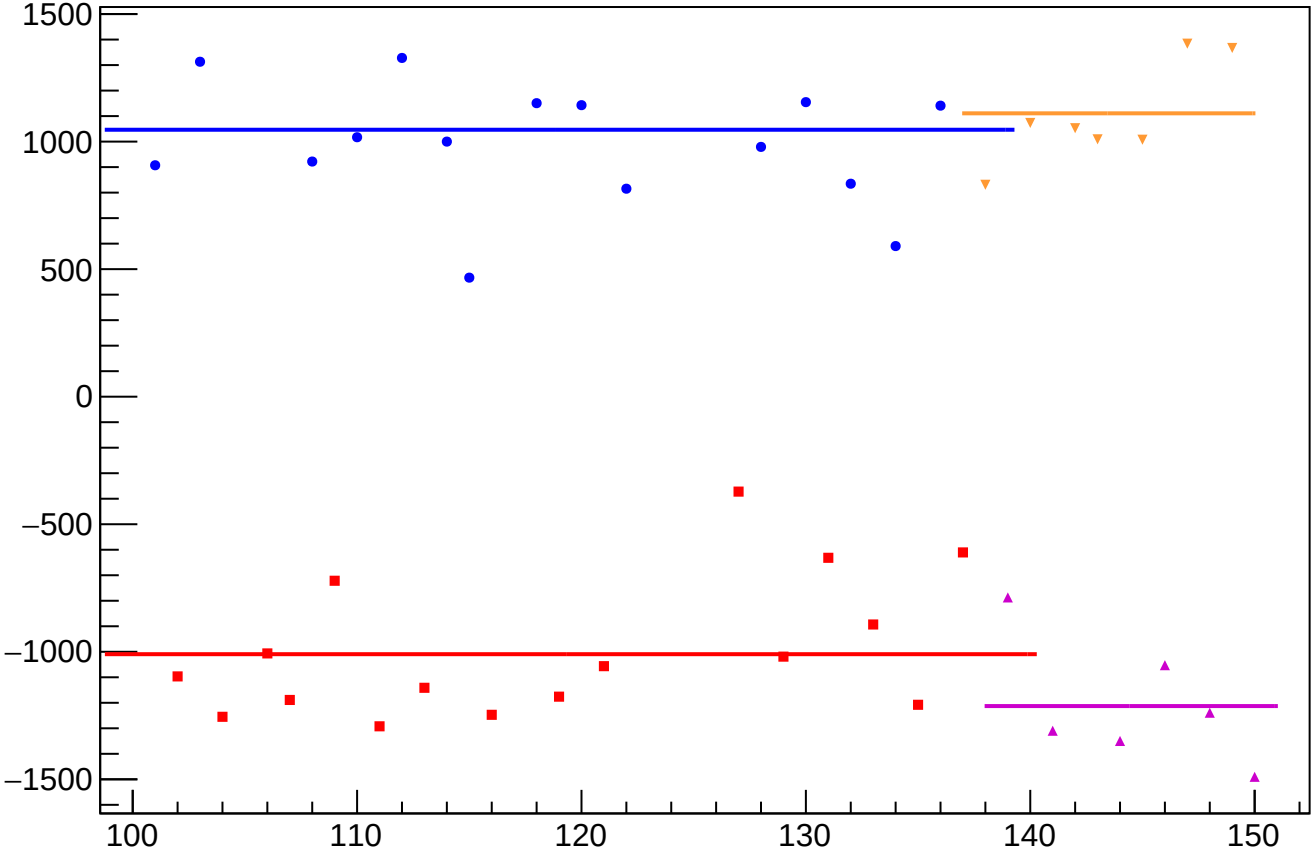
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 39.243+/-0.000 χ^2/NDF:7369615102503980

Left In: -347.272+/-0.000 χ^2/NDF:1440091476371821401262735859952648192.0/5

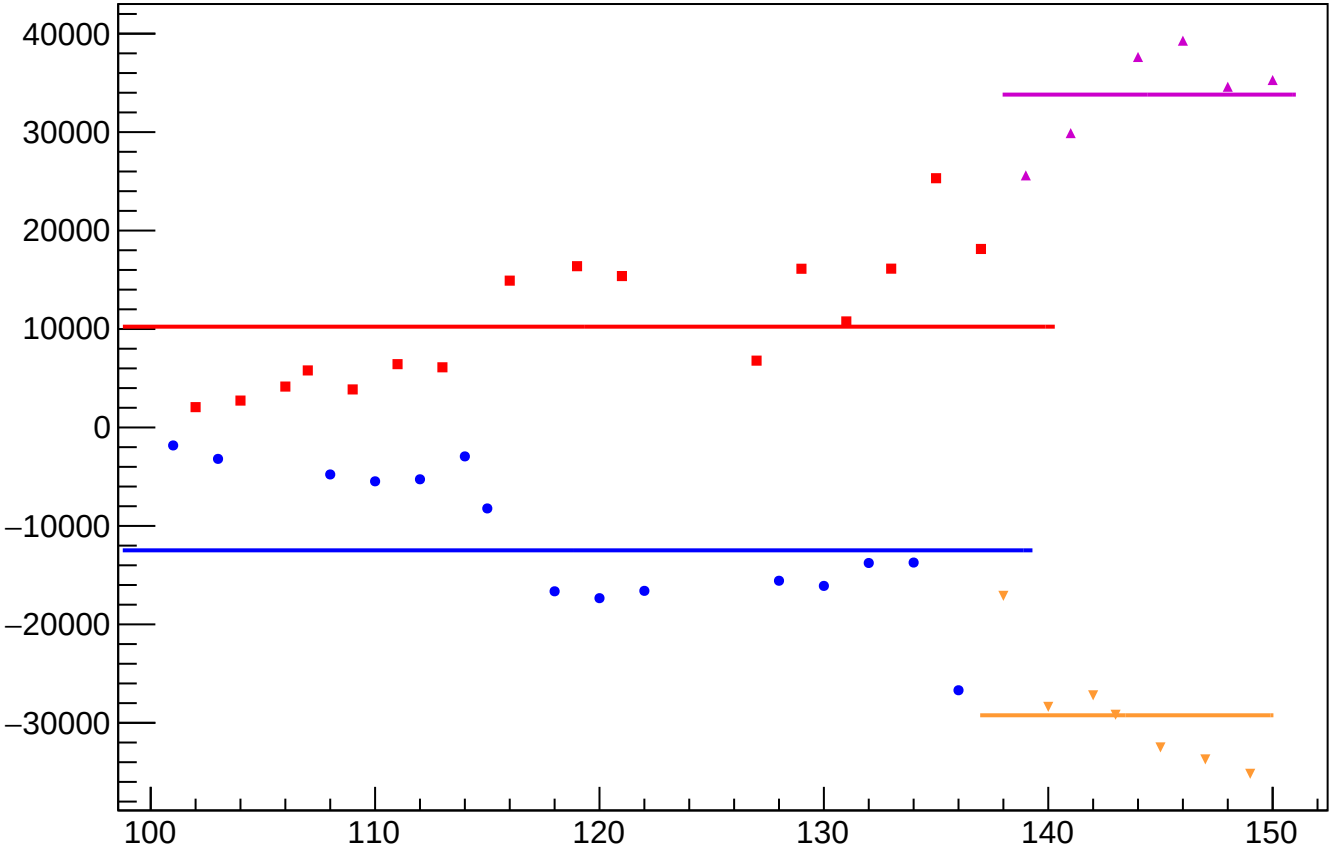
All: -1.664+/-0.000 χ^2/NDF: 1684790863723

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 2196.414+/-0.000 χ^2/NDF: 105034366052828

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -29233.380+/-0.000 χ^2/NDF:171248586469849407446657857975732047708 16.0/6

In: 7956.316+/-0.000 χ^2/NDF:665911212717425 4

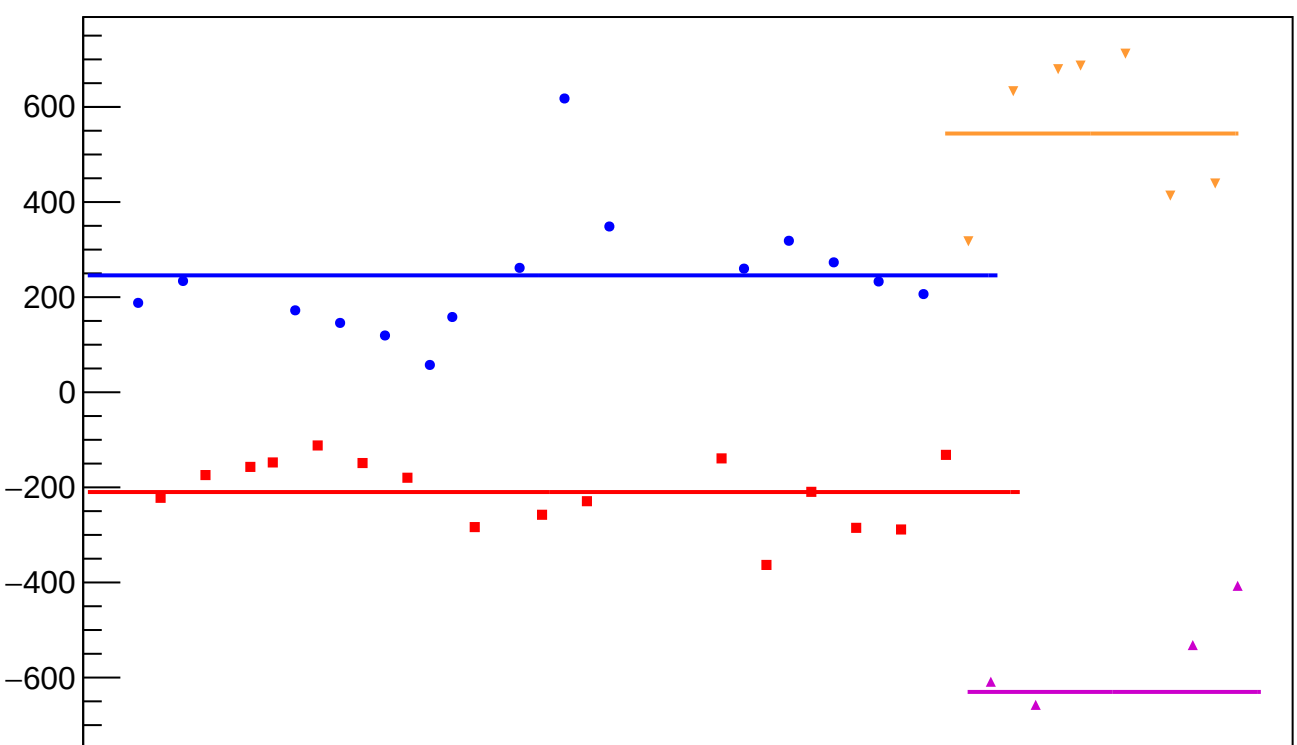
Right Out: 10238.098+/-0.000 χ^2/NDF: 3122786112615953403196150192322371806 8224.0/15

Out: -6978.540+/-0.000 χ^2/NDF:50162333436585

Left In: 33810.008+/-0.000 χ^2/NDF:1079540845831103251367442707349918816 6656.0/5

All: 422.015+/-0.000 χ^2/NDF: 12982870790 4

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: -41.319+/-0.000 χ^2/NDF: 3763781544219774

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 544.126+/-0.000 χ^2/NDF:1140564666343978256868653077881054822 4.0/6

In: -140.913+/-0.000 χ^2/NDF:2379318004957646

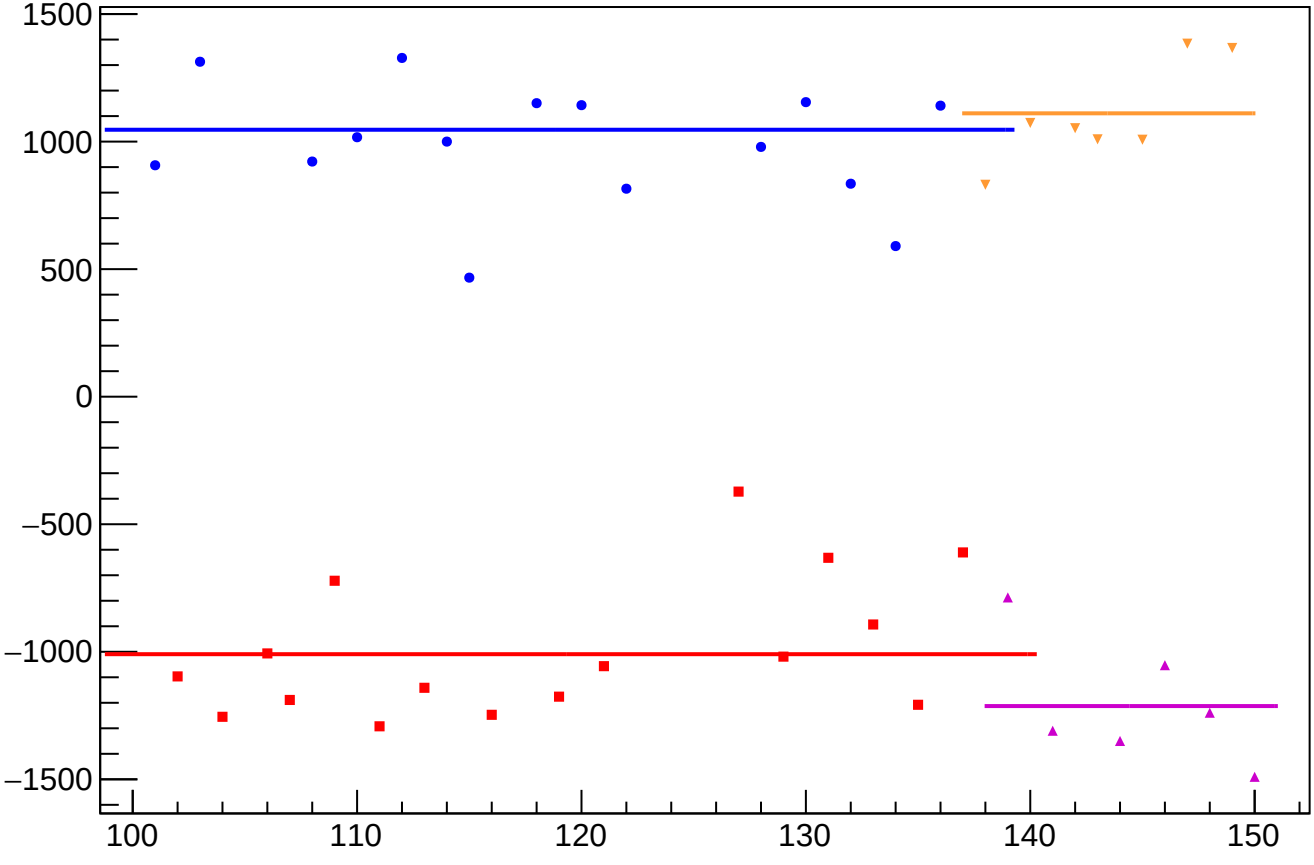
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 119.022+/-0.000 χ^2/NDF:1799201981954960

Left In: -630.188+/-0.000 χ^2/NDF:10224142697857120125992006757174476800.0/5

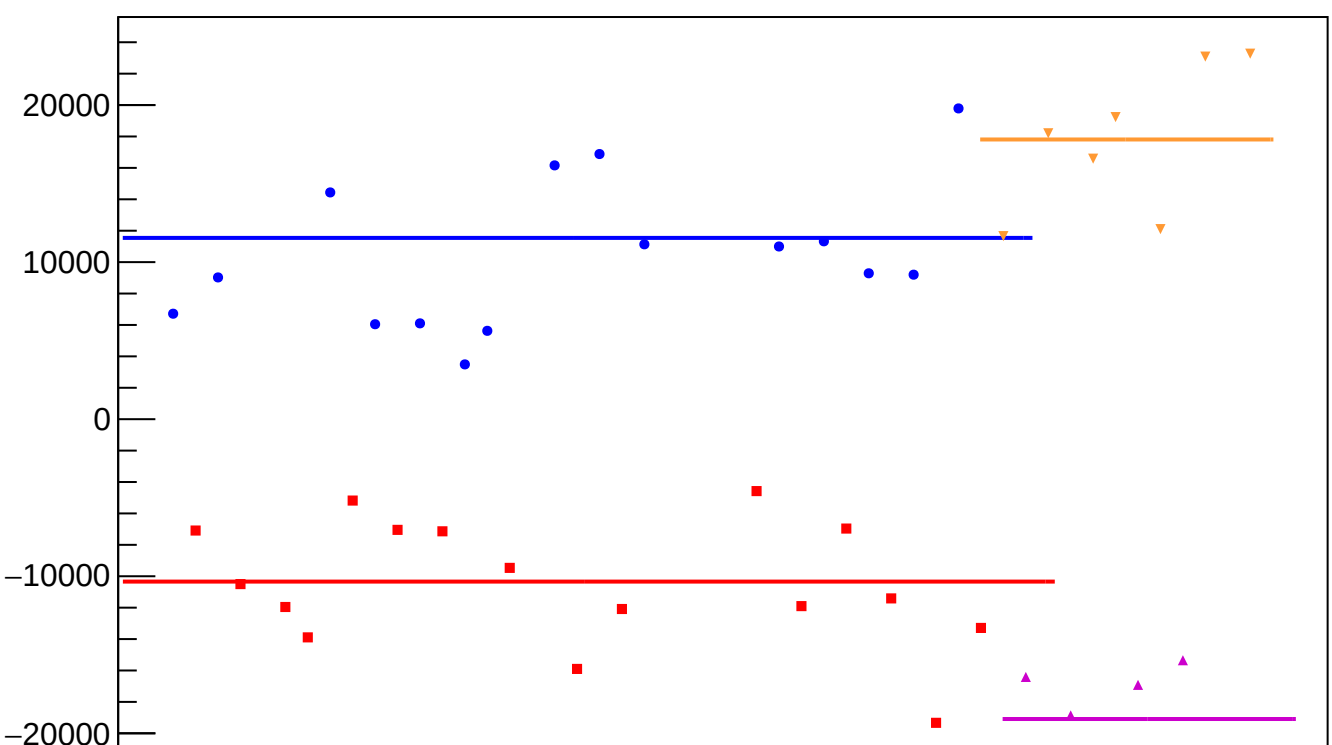
All: -9.782+/-0.000 χ^2/NDF: 4574596747506

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -586.361+/-0.000 χ^2/NDF: 366027649160409

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 17808.896+/-0.000 χ^2/NDF:1048795683789440003918705016517855019008 0.0/6

In: -1980.641+/-0.000 χ^2/NDF:288385369852102

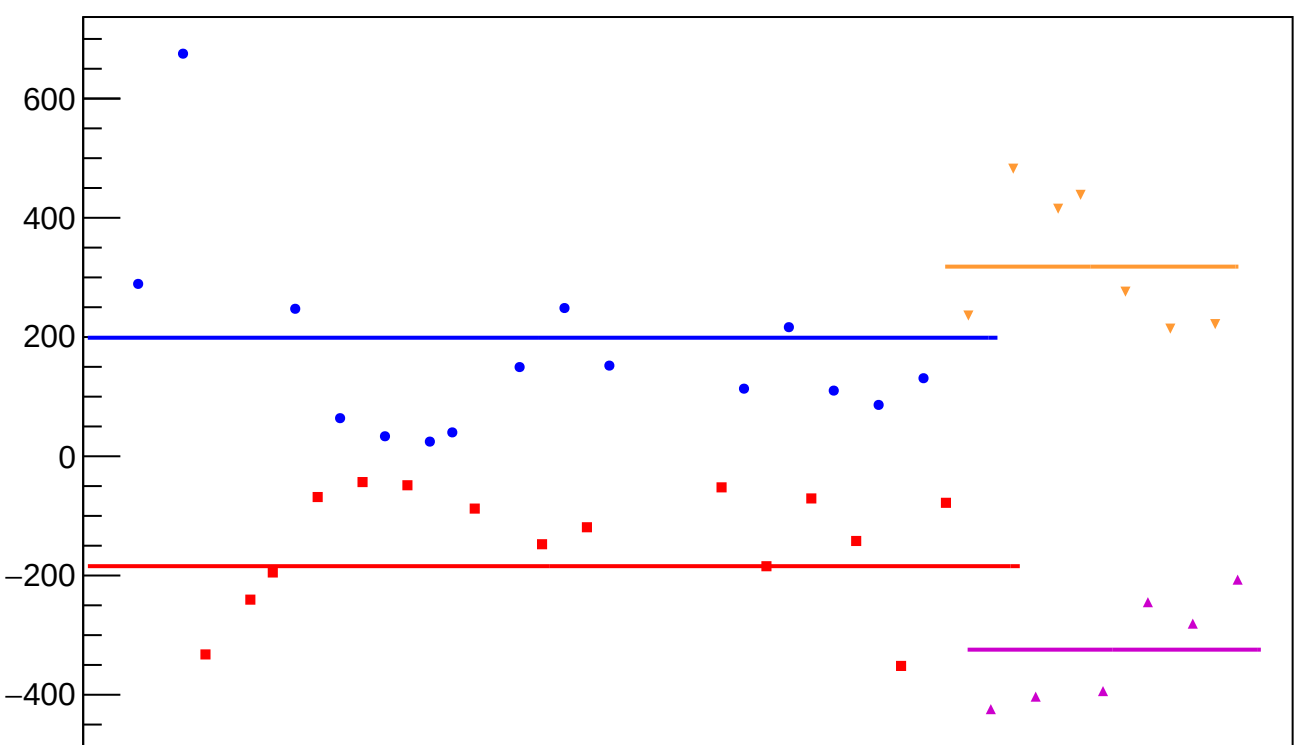
Right Out: -10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

Out: 1937.981+/-0.000 χ^2/NDF:252270890795719

Left In: -19089.193+/-0.000 χ^2/NDF:5304777191371017535581702375815415595008.0/5

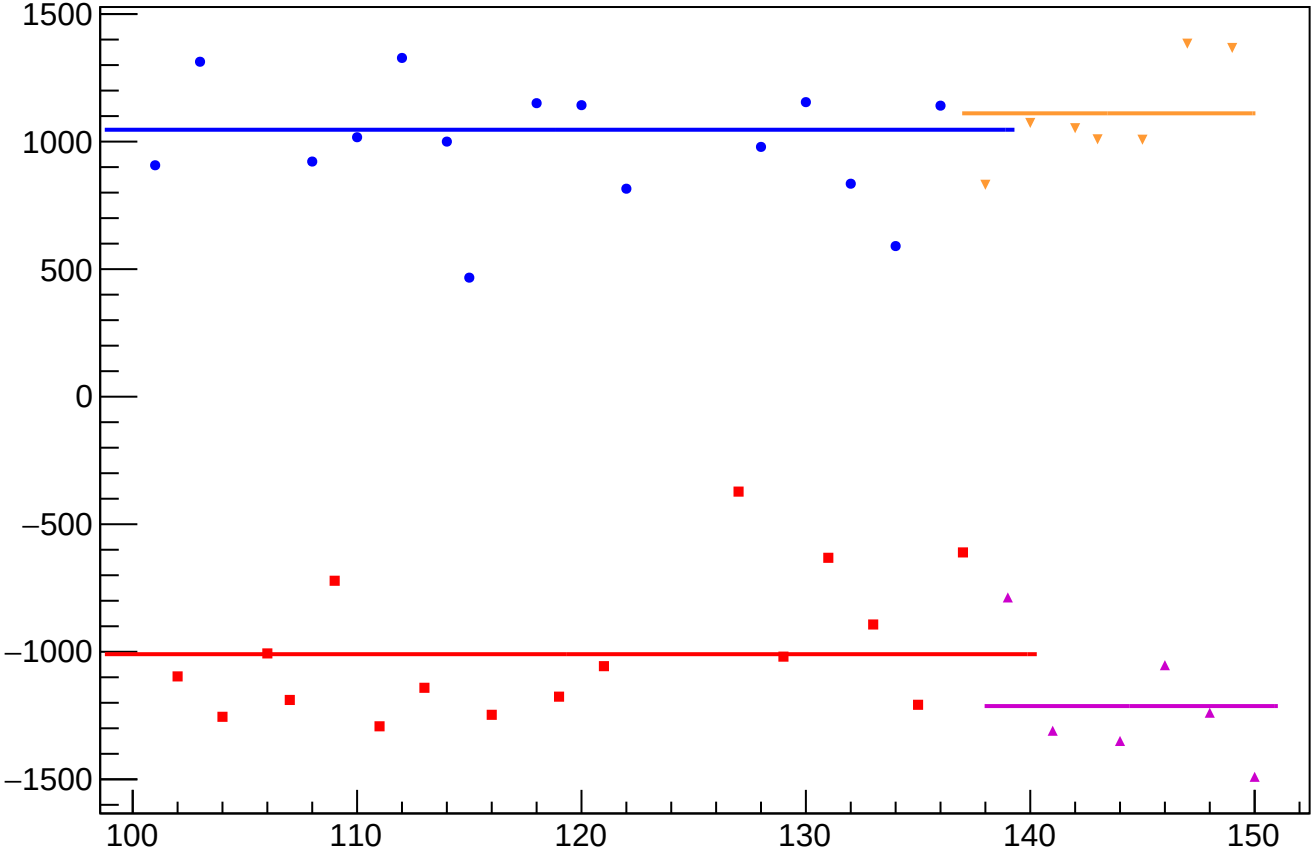
All: -3.784+/-0.000 χ^2/NDF: 5496577587584

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



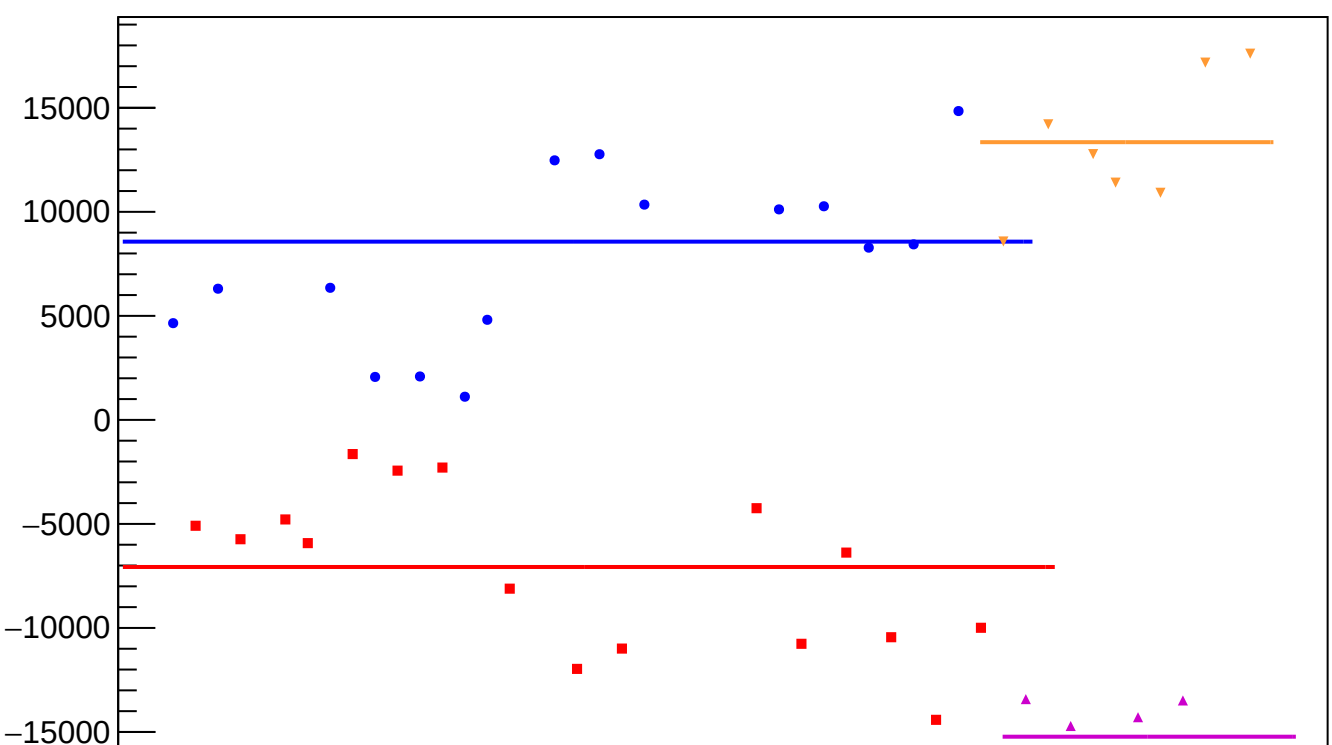
Left: -2.197+/-0.000 χ^2/NDF: 1158012253671977
Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 318.104+/-0.000 χ^2/NDF:591088844866990759842097584732005990 4.0/6
In: -32.141+/-0.000 χ^2/NDF:1004772473563170
Right Out: -184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15
Out: 34.822+/-0.000 χ^2/NDF:9428053306767320
Left In: -324.370+/-0.000 χ^2/NDF:3705385078890746286471640991334924288.0/5
All: 1.640+/-0.000 χ^2/NDF: 1973863618338

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_sam8_coil1_mean vs Slug, Sign Corrected



Left: -897.663+/-0.000 χ^2/NDF: 216927822515467

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 13348.705+/-0.000 χ^2/NDF:524574124245284223091685578738369560576 0.0/6

In: -1937.294+/-0.000 χ^2/NDF:174952314218646

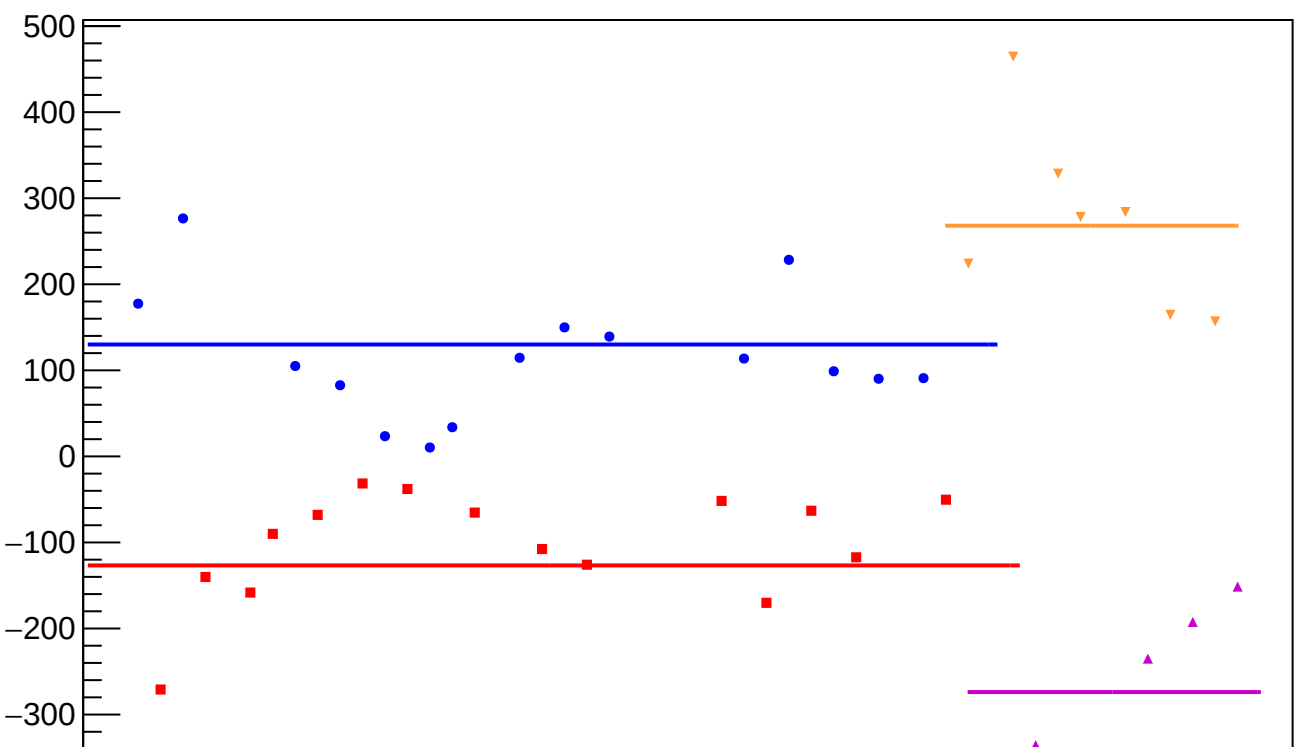
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: 1836.280+/-0.000 χ^2/NDF:136617427881113

Left In: -15227.344+/-0.000 χ^2/NDF:161594226280348004297197983532963803955 2.0/5

All: -33.610+/-0.000 χ^2/NDF: 319917188395

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Left: -2.099+/-0.000 χ^2/NDF: 84866245251831760

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835

Left Out: 268.067+/-0.000 χ^2/NDF:5385589305544436884244737875330990080.0/6

In: -48.278+/-0.000 χ^2/NDF:53784084574561089

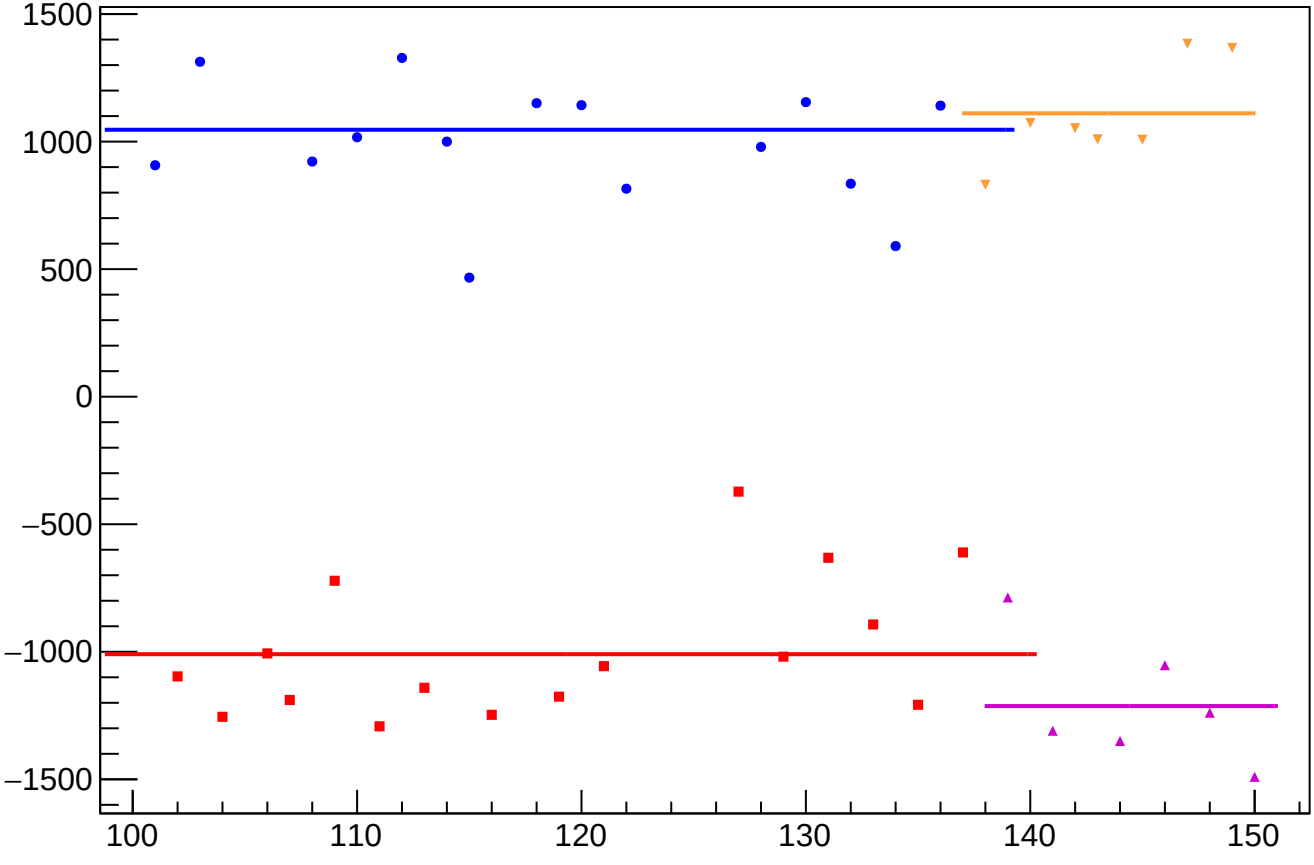
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 45.484+/-0.000 χ^2/NDF:56123648960028792

Left In: -273.845+/-0.000 χ^2/NDF:3935225143689231738526034260257669120.0/5

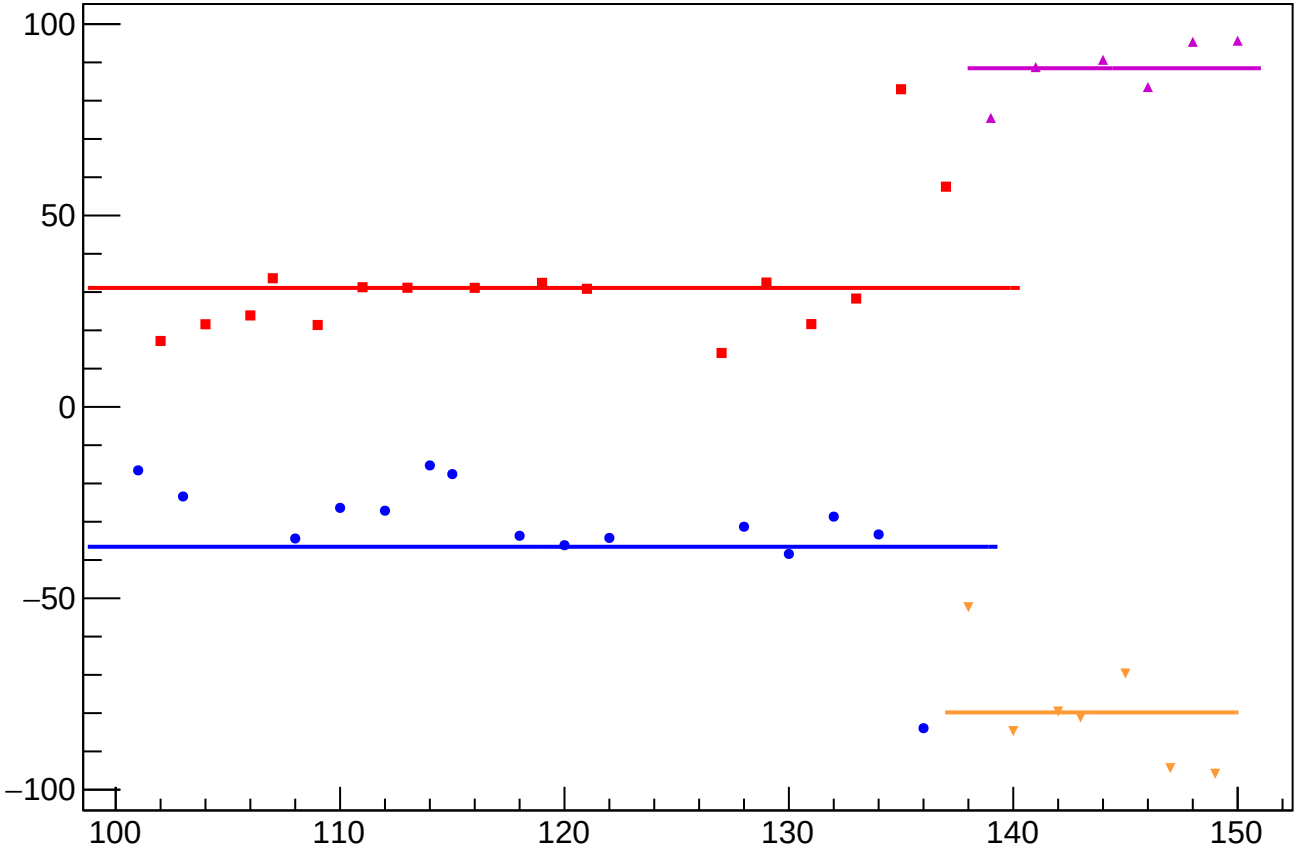
All: -0.977+/-0.000 χ^2/NDF: 1150612358962

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



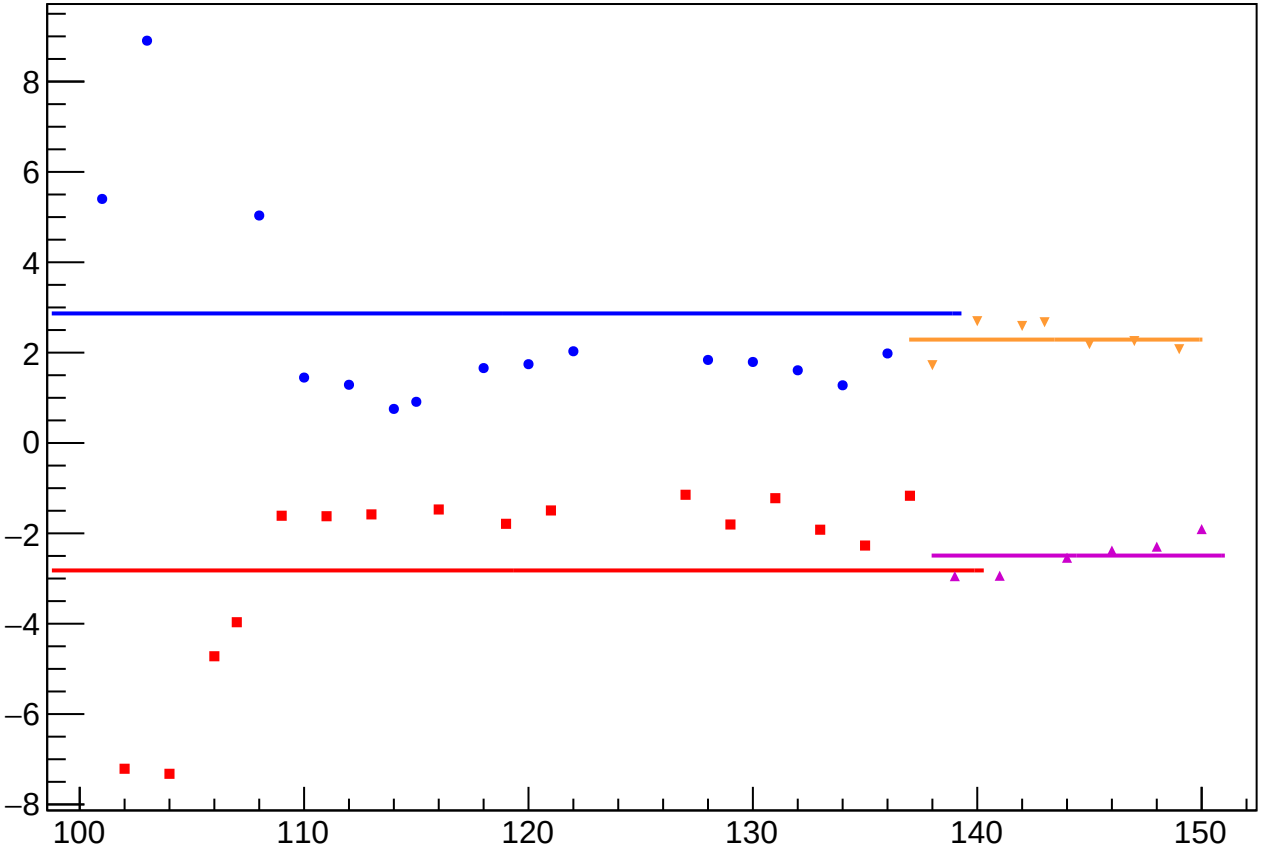
Left: -47.605+/-0.000 χ^2/NDF: 1434655329786894
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1110.857+/-0.000 χ^2/NDF:192867498581264336244910282623764398 08.0/6
In: 49.040+/-0.000 χ^2/NDF:1513774210266992 71
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: -84.614+/-0.000 χ^2/NDF:137182459585779 1
Left In: -1212.842+/-0.000 χ^2/NDF:2633955771736911379146552102731173068 8.0/5
All: -18.386+/-0.000 χ^2/NDF: 289607026699

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 4.089+/-0.000 χ^2/NDF: 741689351073757874
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -79.805+/-0.000 χ^2/NDF:1074636965186689358941396423566950 40.0/6
In: 18.651+/-0.000 χ^2/NDF:4756989935080110 69
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -17.283+/-0.000 χ^2/NDF:3866226556321829
Left In: 88.473+/-0.000 χ^2/NDF:2479323873151867995191801392031334 4.0/5
All: 0.523+/-0.000 χ^2/NDF: 9380139921788 1

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.095+/-0.000 χ^2/NDF: 60058025356064127

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.289+/-0.000 χ^2/NDF:5740343330469502875919296181043 2.0/6

In: 0.501+/-0.000 χ^2/NDF:117540899828988395 4

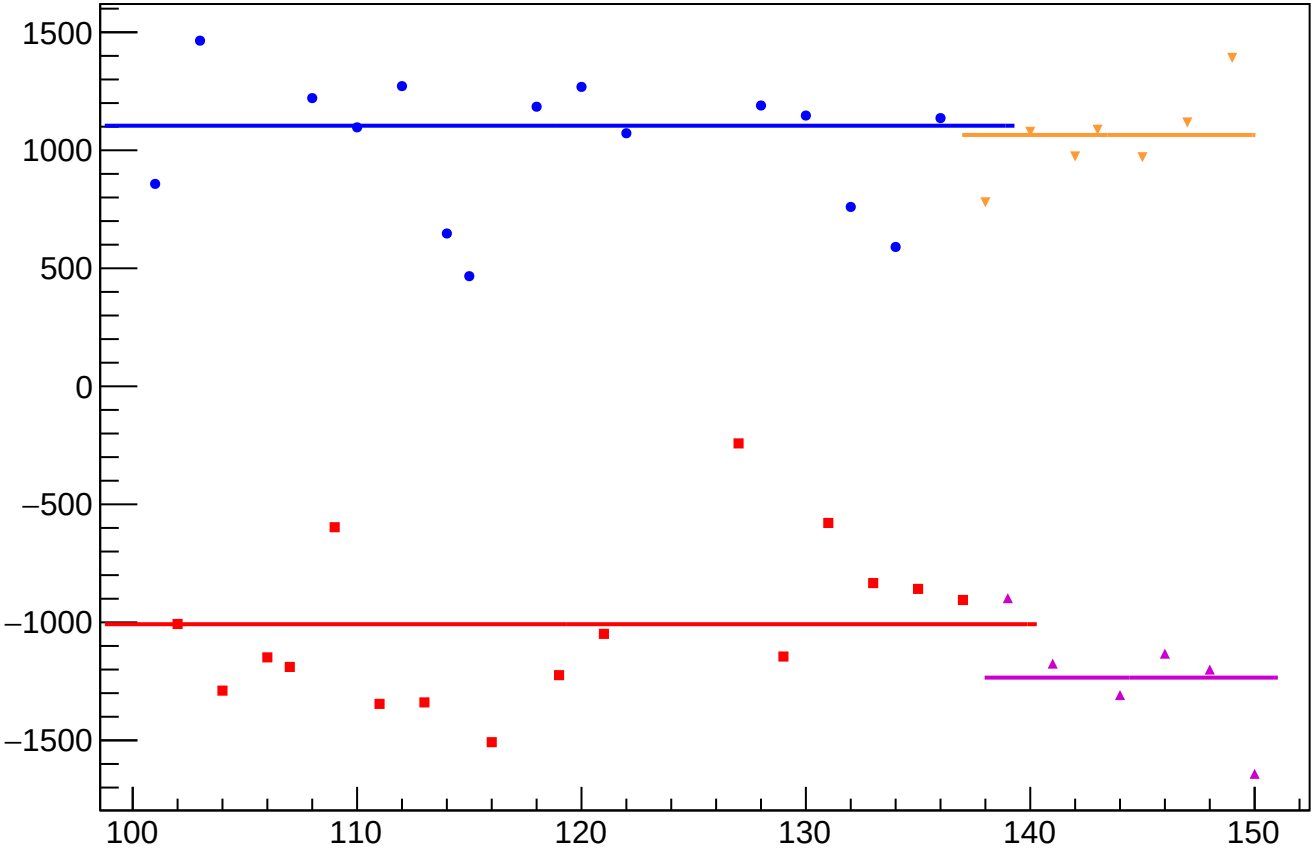
Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Out: -0.592+/-0.000 χ^2/NDF:10706332648960322

Left In: -2.492+/-0.000 χ^2/NDF:69541068245589173043689106178048.0/5

All: -0.050+/-0.000 χ^2/NDF: 2316161403419

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

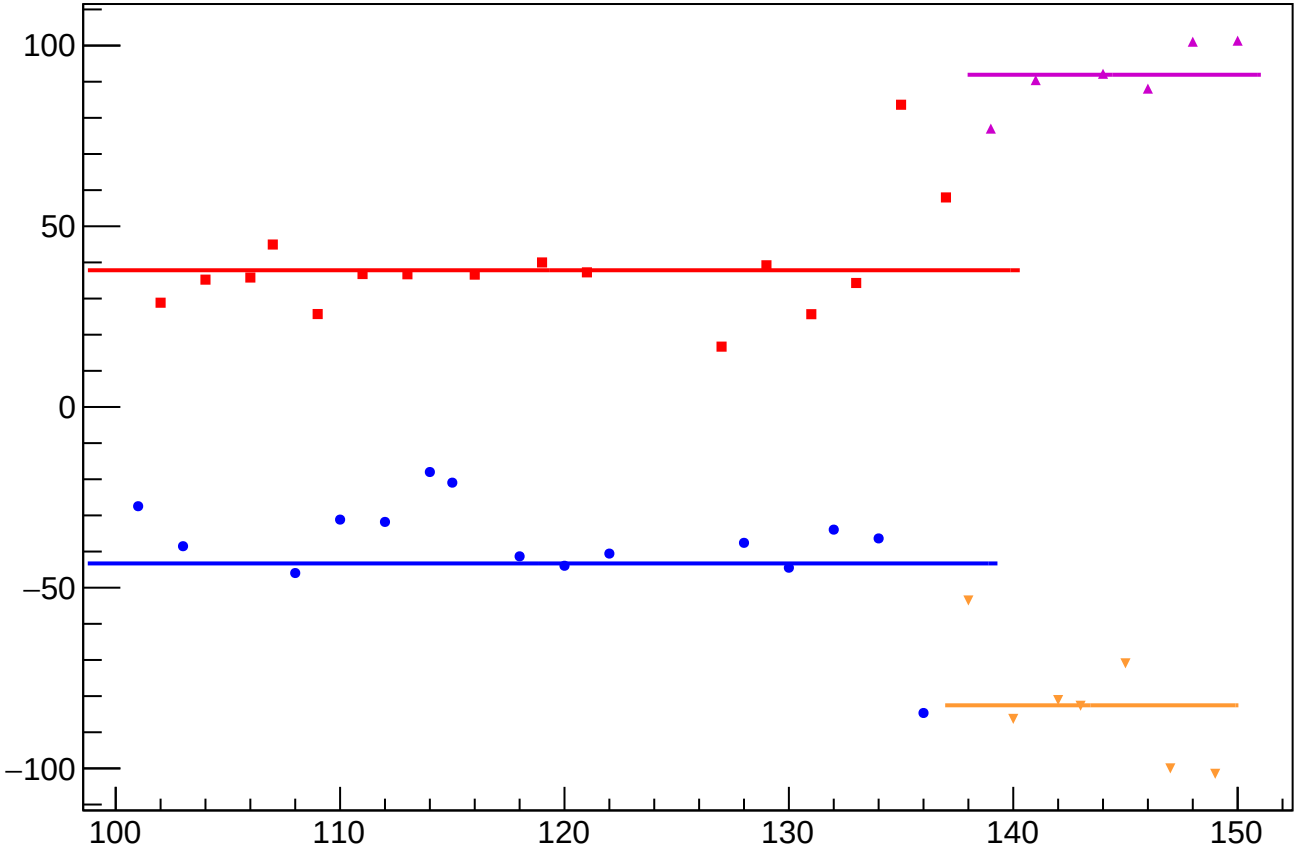
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

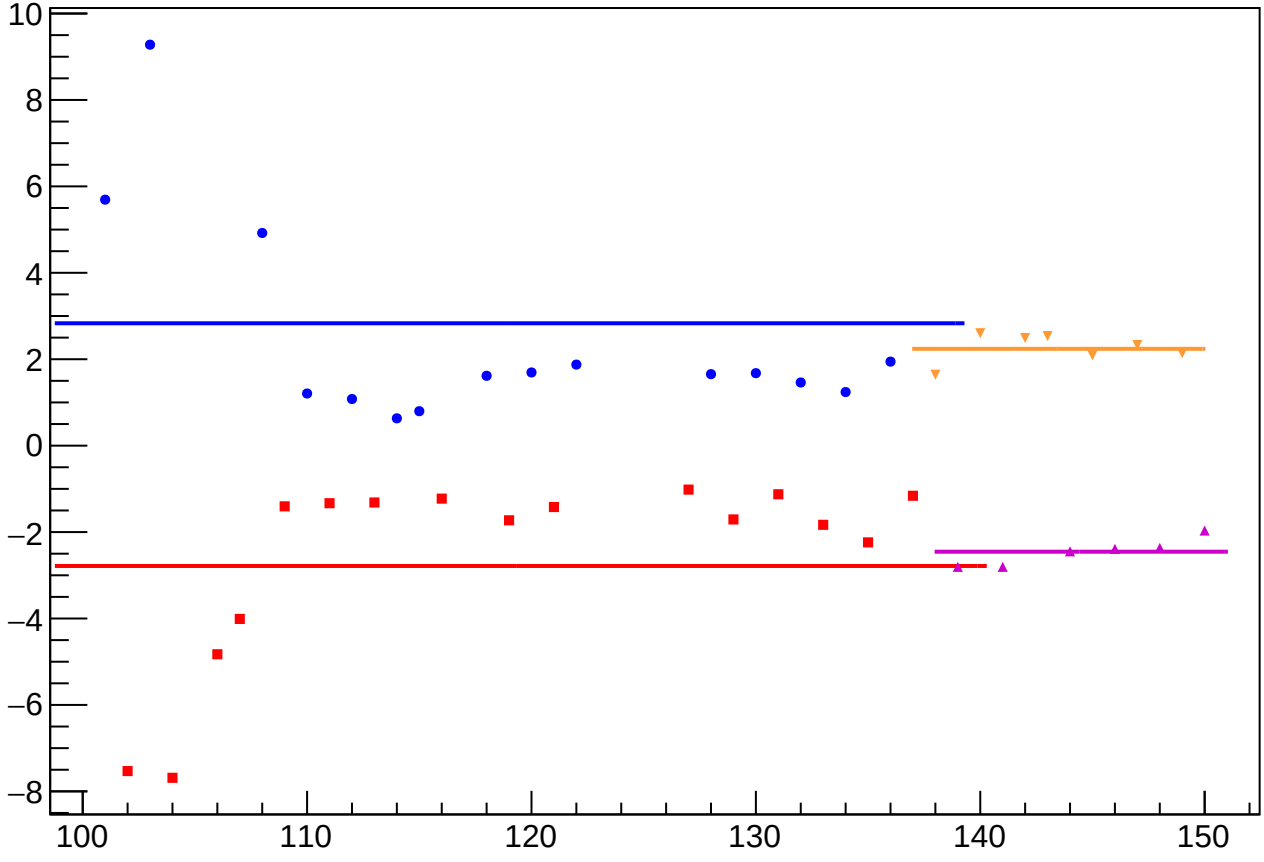
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 4.436+/-0.000 χ^2/NDF: 79968080310458573
Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14
Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028
Left Out: -82.544+/-0.000 χ^2/NDF:1317232218711999331060046507949424 64.0/6
In: 16.405+/-0.000 χ^2/NDF:54723489626985475
Right Out: 37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15
Out: -14.674+/-0.000 χ^2/NDF:4496167221193579
Left In: 91.926+/-0.000 χ^2/NDF:3450786038195762420631773059743744 0.0/5
All: 0.727+/-0.000 χ^2/NDF: 1053472677941

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.100+/-0.000 χ^2/NDF: 57641429974560551

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.241+/-0.000 χ^2/NDF:506339218343084574671756570132 48.0/6

In: 0.498+/-0.000 χ^2/NDF:120063304807705419 4

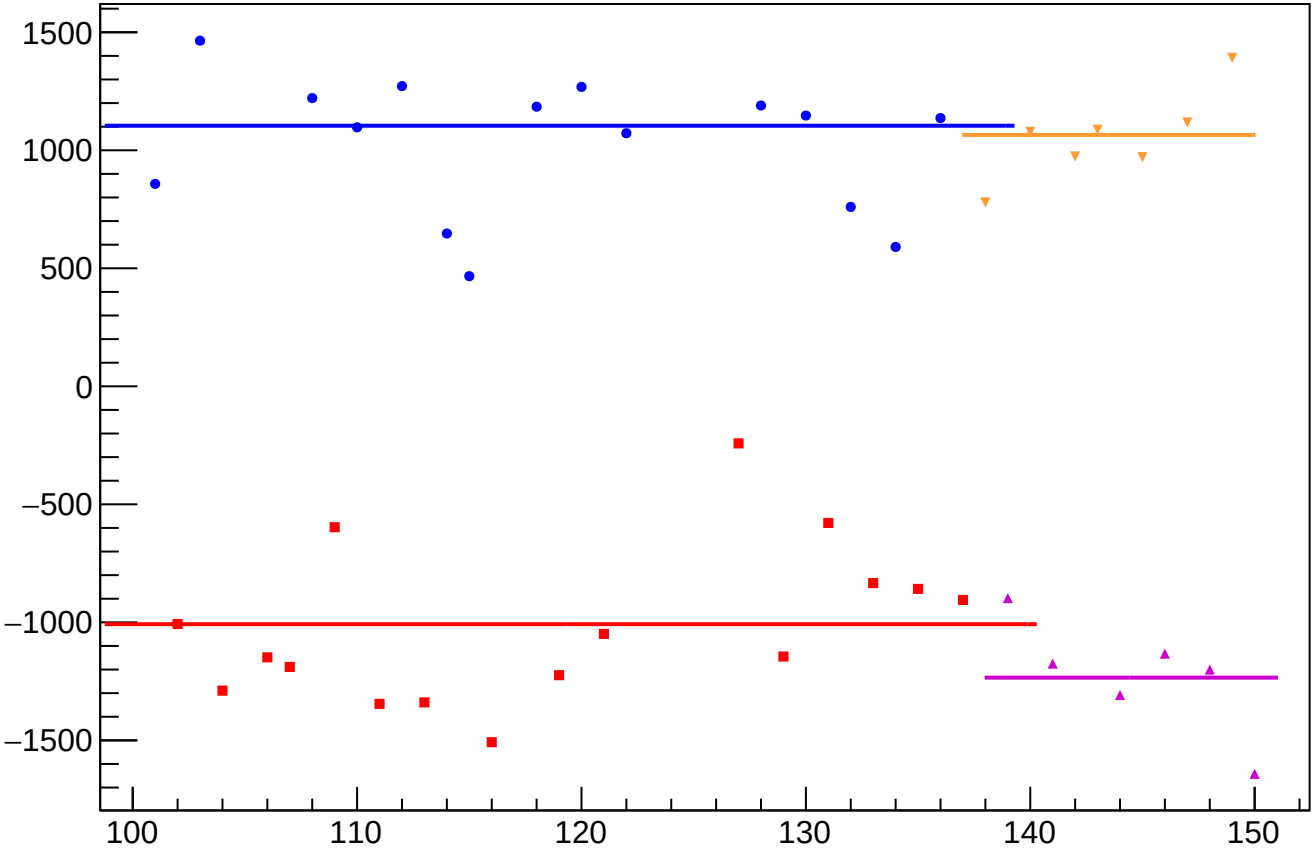
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: -0.592+/-0.000 χ^2/NDF:10986496053405427

Left In: -2.454+/-0.000 χ^2/NDF:4326966083919036840697680782950 4.0/5

All: -0.052+/-0.000 χ^2/NDF: 2369003394869

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:16676265235806224307519407597943783424.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

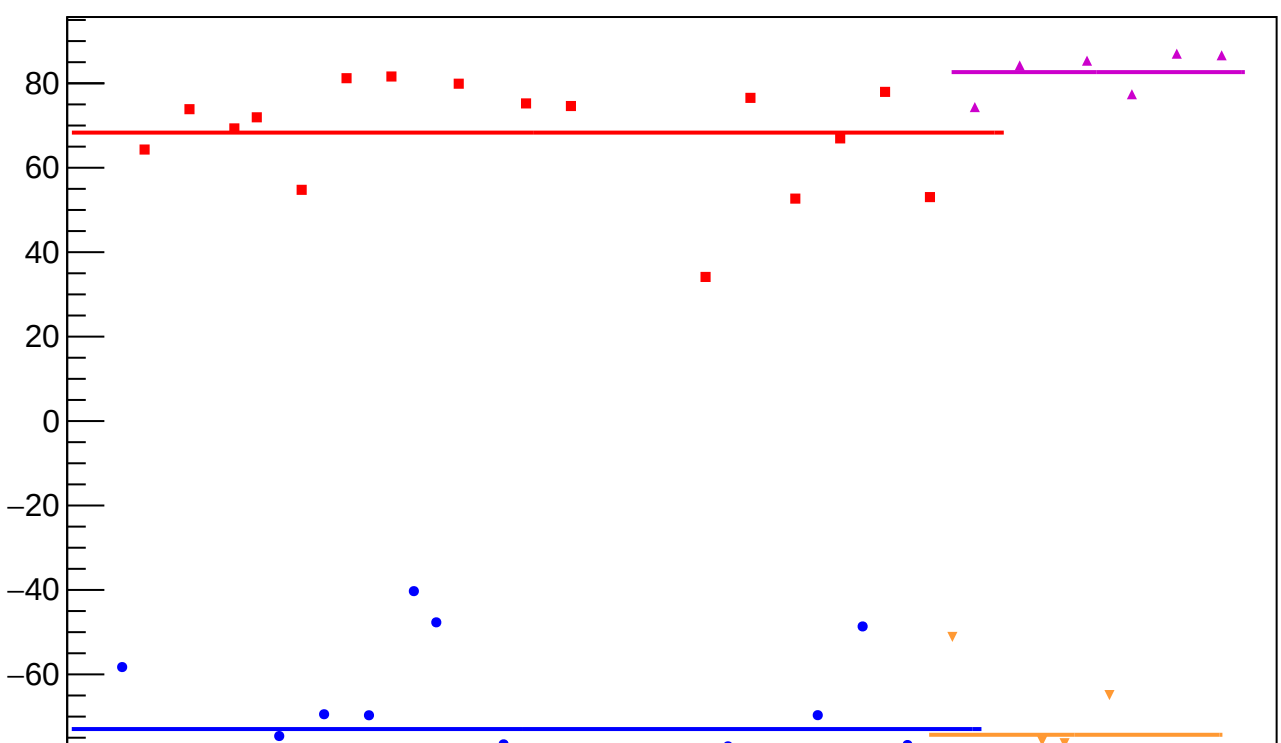
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 3.944+/-0.000 χ^2/NDF: 642341095199331652

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -74.305+/-0.000 χ^2/NDF:7438784898569499405242685677843251 2.0/6

In: -4.255+/-0.000 χ^2/NDF:7014496776936776 09

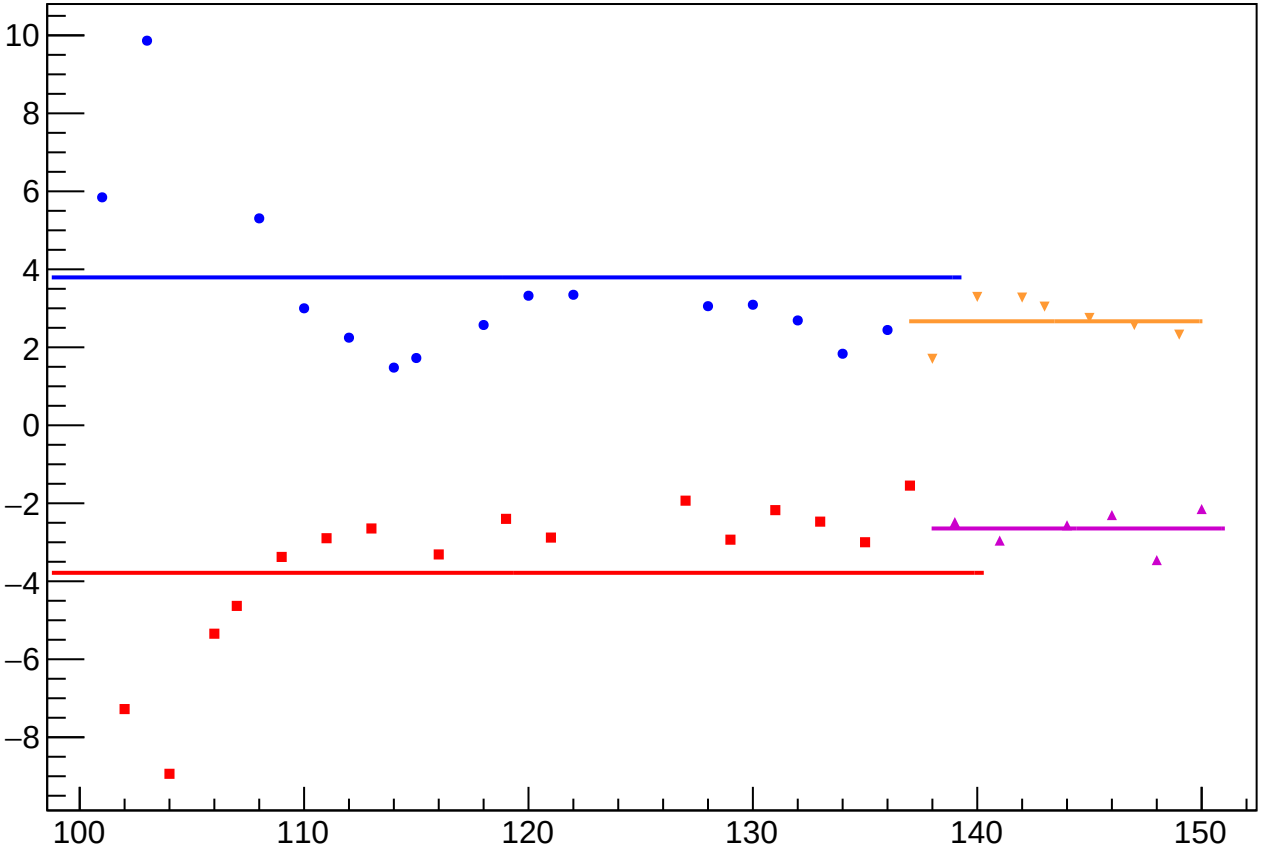
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: 6.112+/-0.000 χ^2/NDF:6099466163106315 02

Left In: 82.650+/-0.000 χ^2/NDF:1175072186391854731709504901506662 4.0/5

All: 0.975+/-0.000 χ^2/NDF: 1317696613165 3

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.018+/-0.000 χ^2/NDF: 75030717489391686

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.667+/-0.000 χ^2/NDF:1418502370190715812131140272128 00.0/6

In: 0.950+/-0.000 χ^2/NDF:151832010153573286

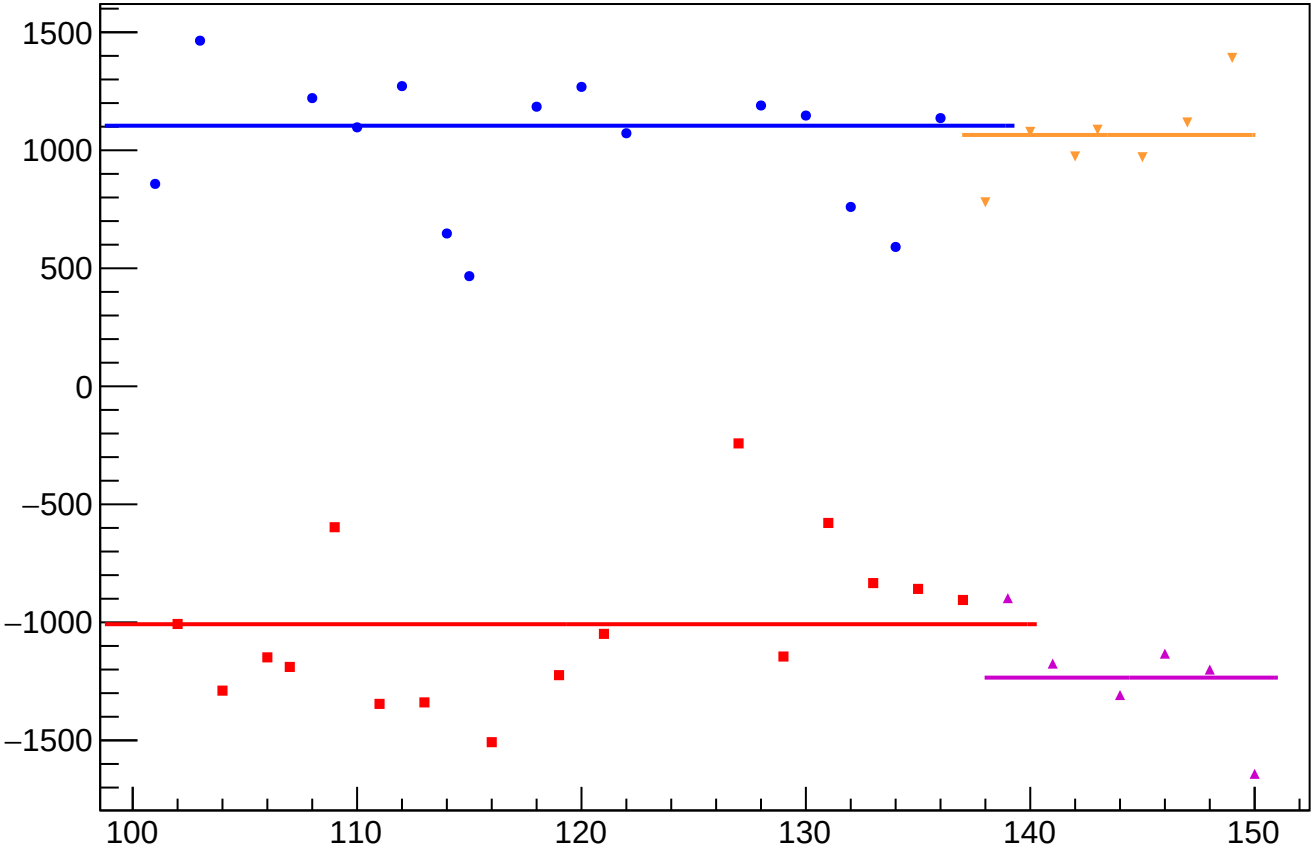
Right Out: -3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

Out: -0.970+/-0.000 χ^2/NDF:1512549425079289

Left In: -2.646+/-0.000 χ^2/NDF:986256237920321369889466210058 24.0/5

All: -0.018+/-0.000 χ^2/NDF: 3246921146606

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

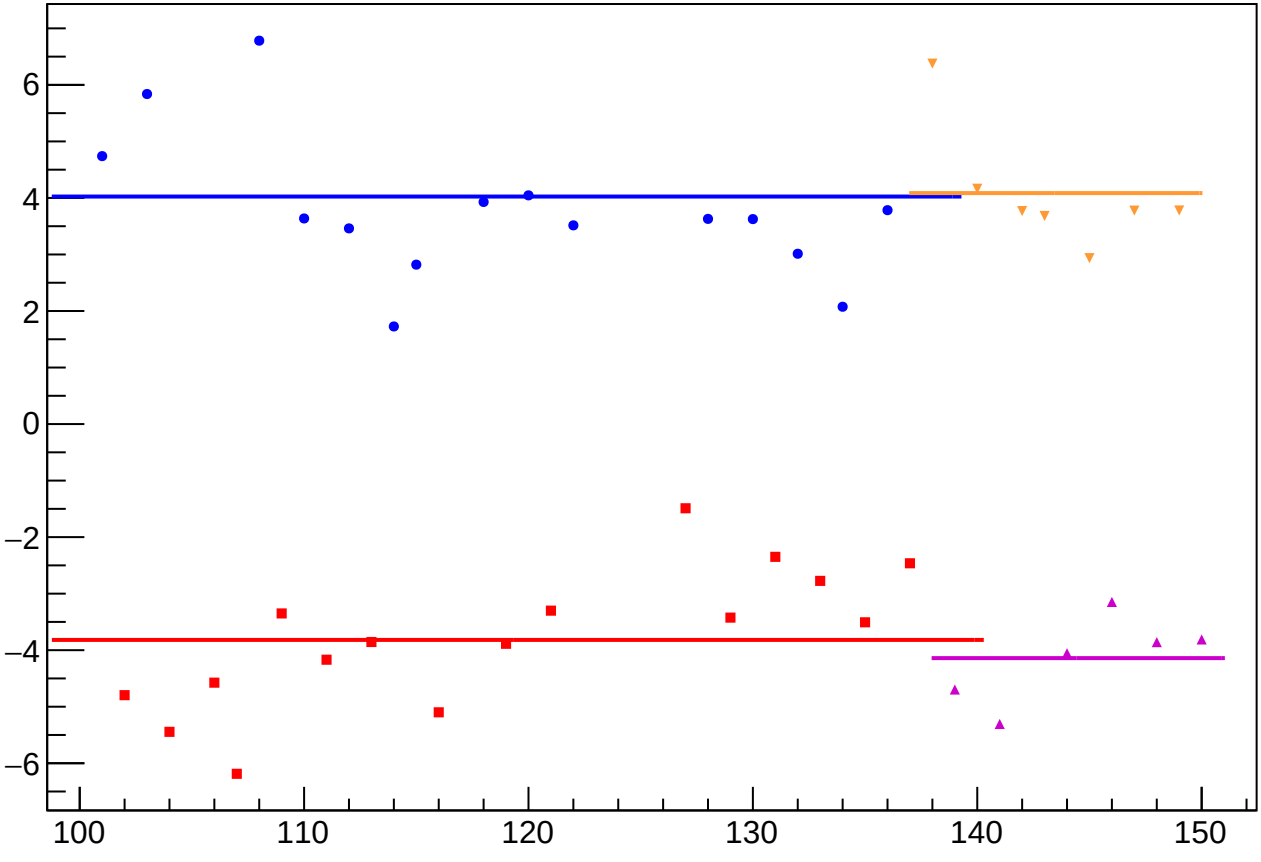
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.015+/-0.000 χ^2/NDF: 18196302698617937

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973

Left Out: 4.086+/-0.000 χ^2/NDF:5481421320601838293896002283765 76.0/6

In: 0.420+/-0.000 χ^2/NDF:2011153557002179691

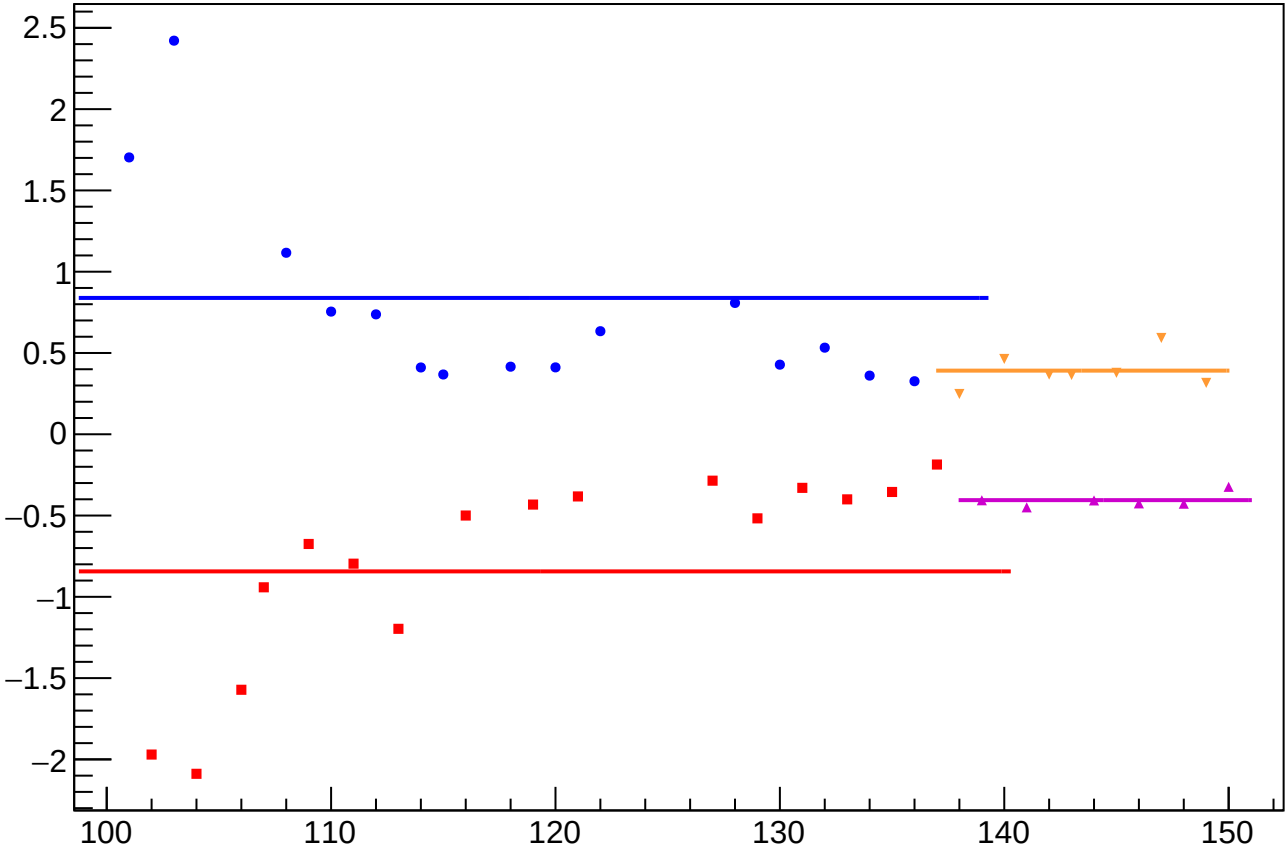
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: -0.371+/-0.000 χ^2/NDF:19613381759070859

Left In: -4.141+/-0.000 χ^2/NDF:2394557463969262755966219861360 64.0/5

All: 0.021+/-0.000 χ^2/NDF: 40091487008493

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.006+/-0.000 χ^2/NDF: 16988538512034500

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244

Left Out: 0.391+/-0.000 χ^2/NDF:5750822903671663945740363759616.0/6

In: 0.290+/-0.000 χ^2/NDF:702611314935598472 2

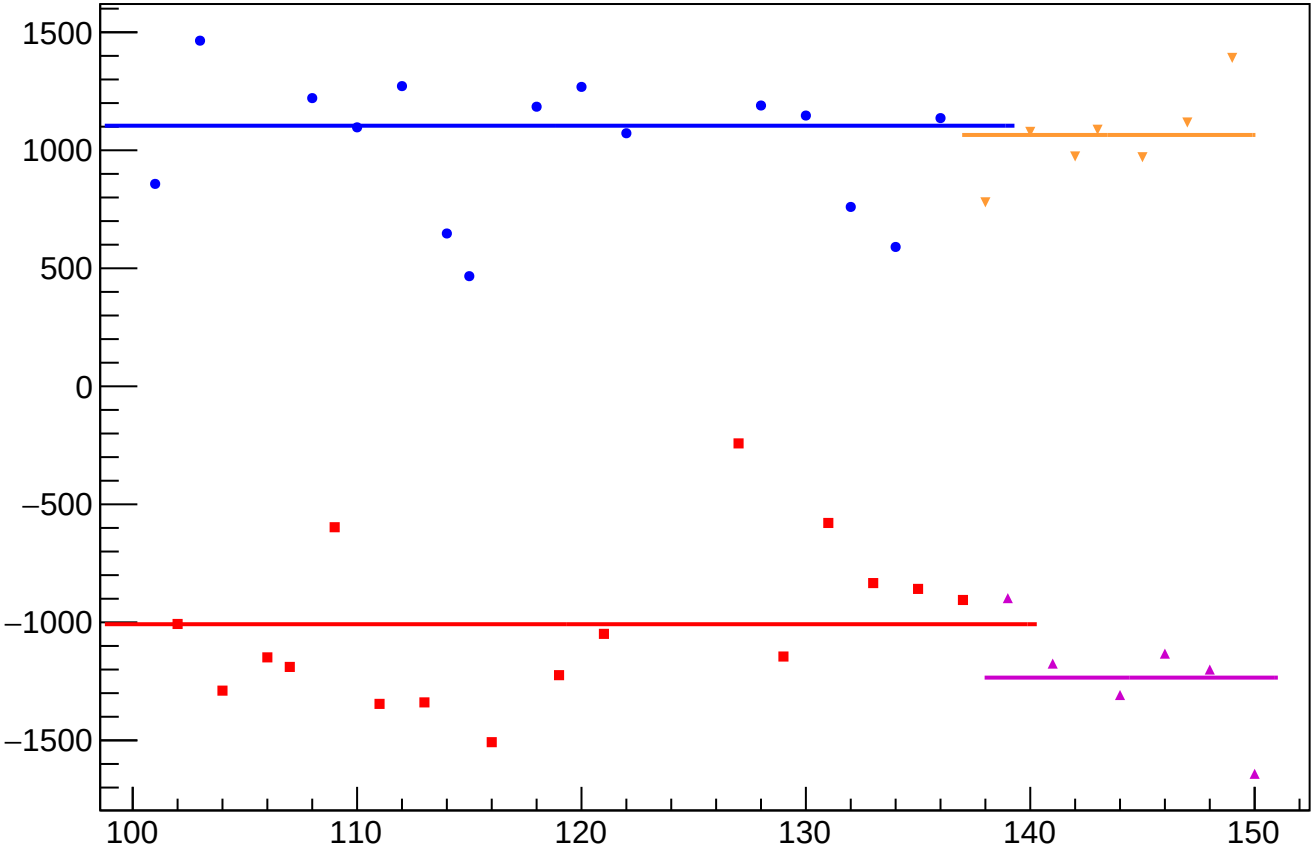
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

Out: -0.305+/-0.000 χ^2/NDF:7024186894652402 4

Left In: -0.405+/-0.000 χ^2/NDF:8509253215717620487821291683 84.0/5

All: -0.010+/-0.000 χ^2/NDF: 1612130269932

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:16676265235806224307519407597943783424.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

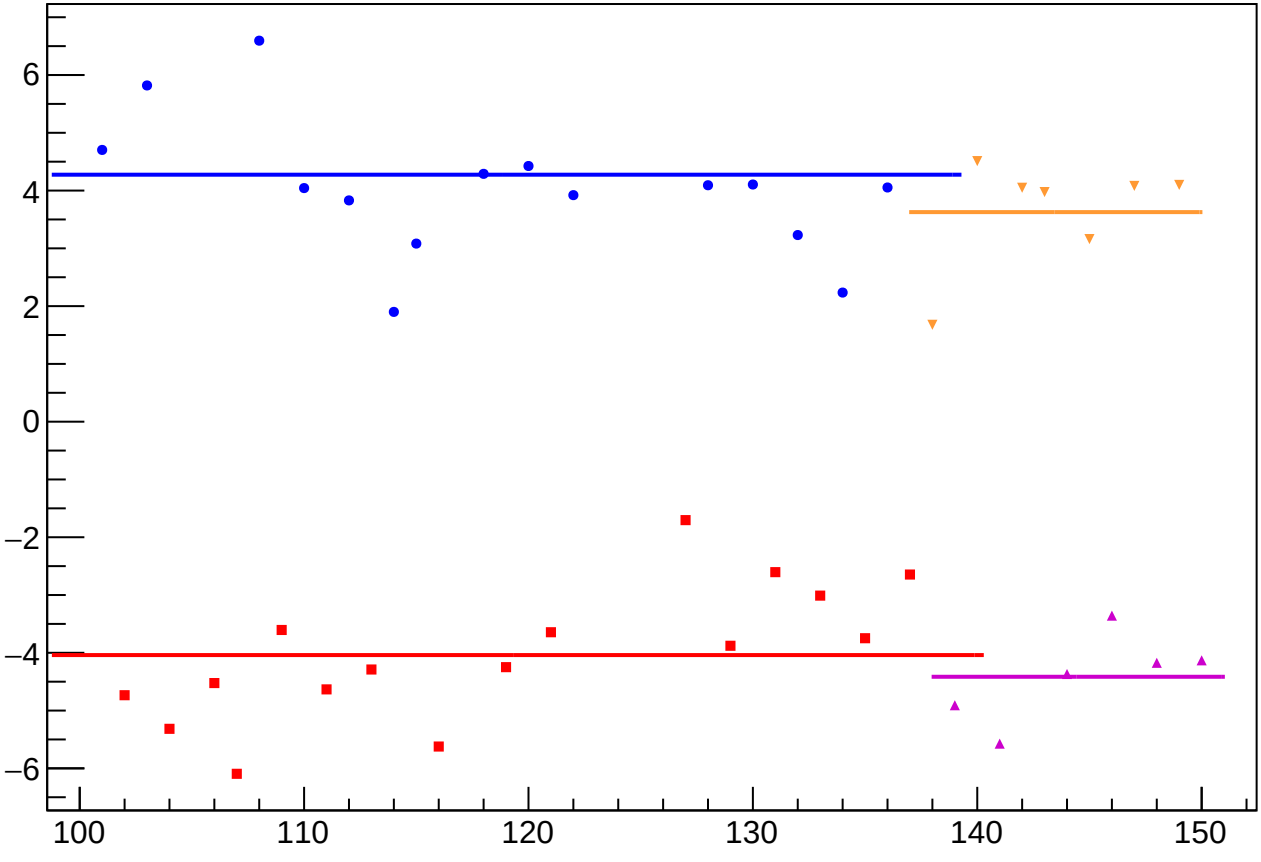
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

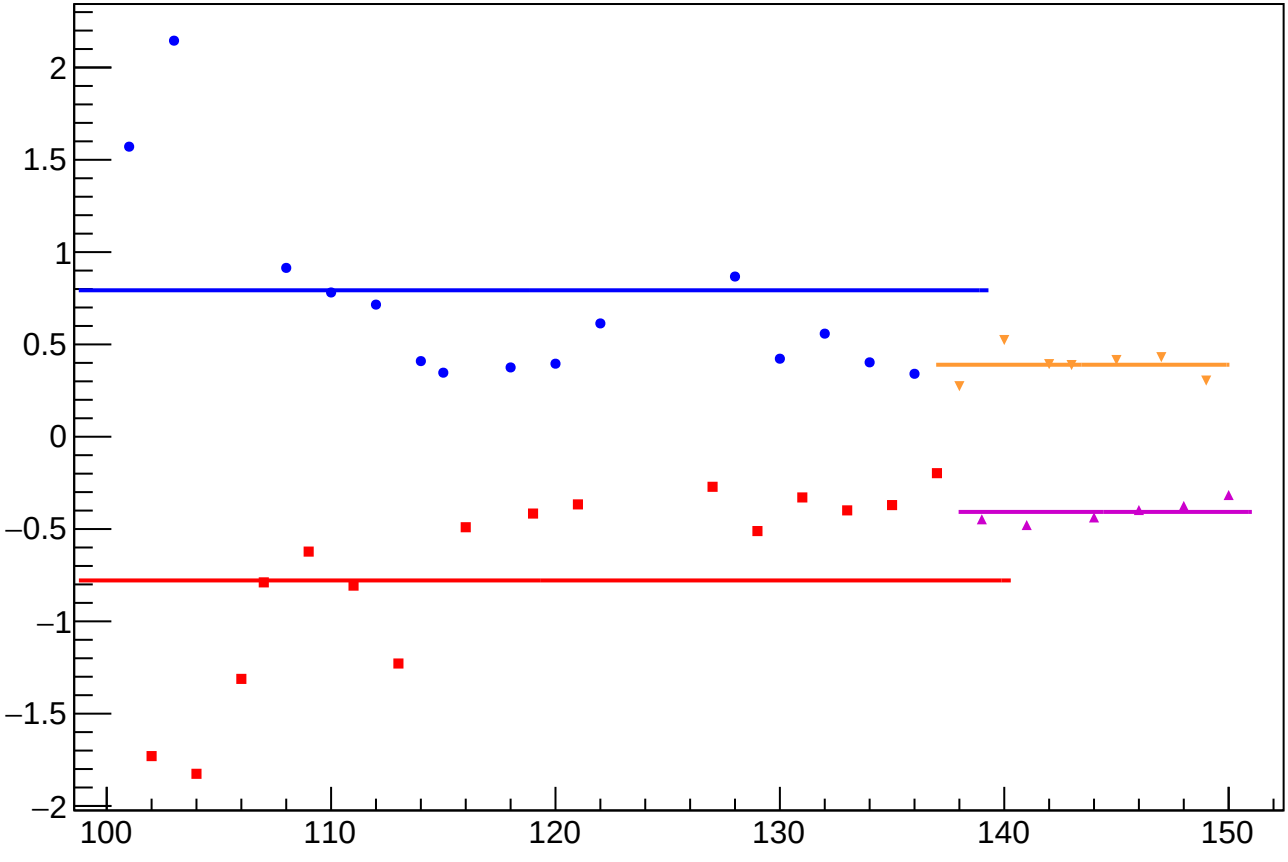
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_4eY_coil3_mean vs Slug, Sign Corrected



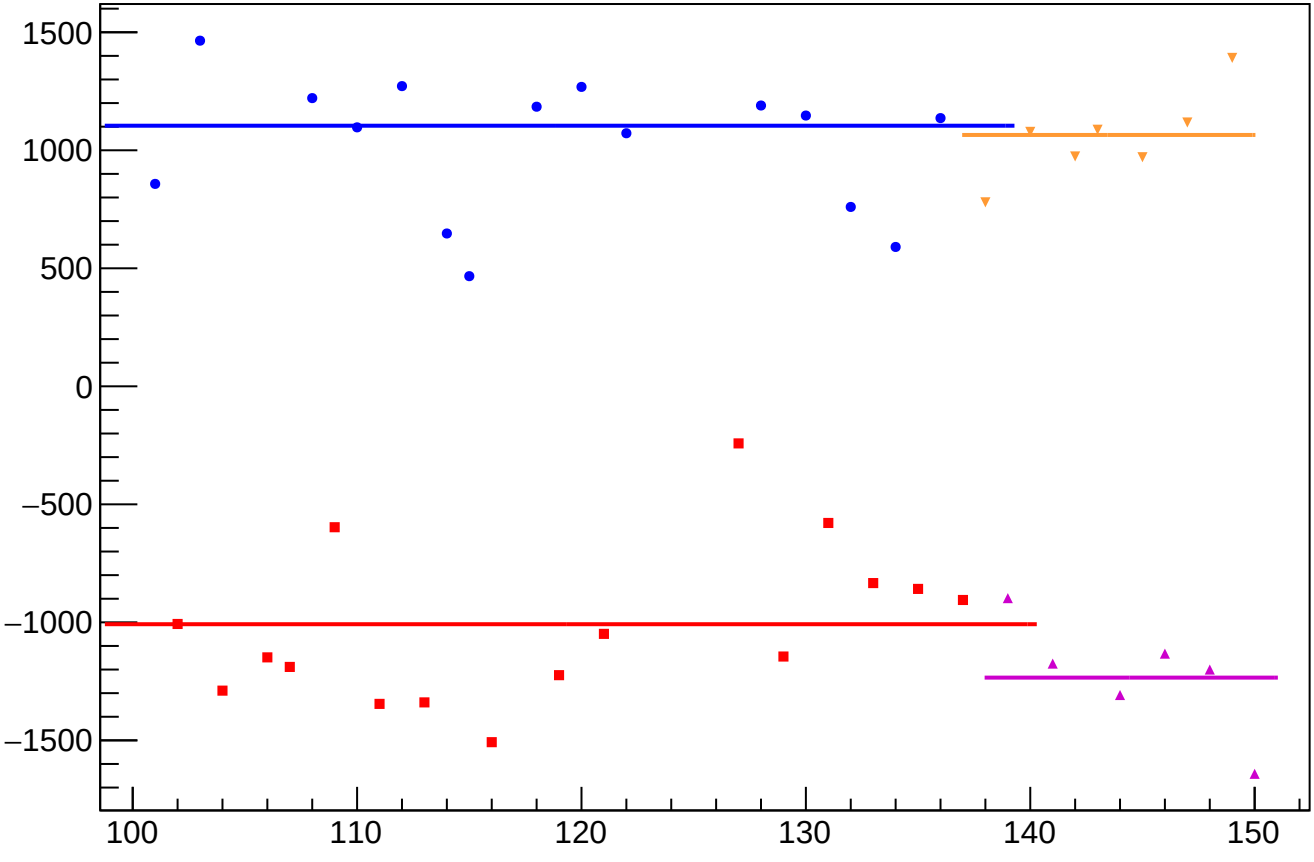
Left: -0.382+/-0.000 χ^2/NDF: 1730606250786557
Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14
Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6
Left Out: 3.627+/-0.000 χ^2/NDF:4291272049533925727248062947000 32.0/6
In: 0.438+/-0.000 χ^2/NDF:224715476829487009 7
Right Out: -4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15
Out: -0.695+/-0.000 χ^2/NDF:1830225971126793 8
Left In: -4.415+/-0.000 χ^2/NDF:2389365189221705714236297807134 72.0/5
All: -0.134+/-0.000 χ^2/NDF: 415274465690 1

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.008+/-0.000 χ^2/NDF: 1683210592105363
Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14
Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656
Left Out: 0.390+/-0.000 χ^2/NDF:332599601916794914189619075481 6.0/6
In: 0.263+/-0.000 χ^2/NDF:609942501311324539
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15
Out: -0.269+/-0.000 χ^2/NDF:5862963201196893
Left In: -0.407+/-0.000 χ^2/NDF:149598224473838103166934056960 0.0/5
All: -0.005+/-0.000 χ^2/NDF: 1362172016911

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

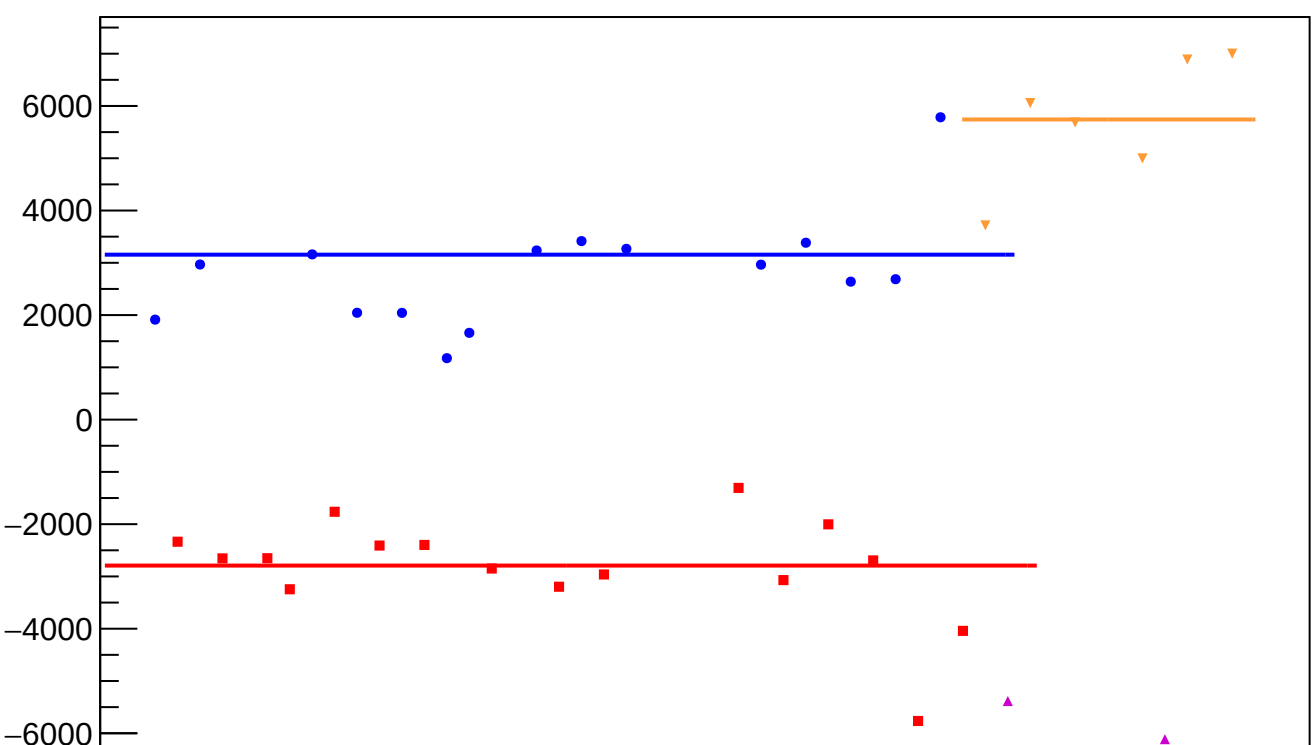
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -739.794+/-0.000 χ^2/NDF: 361352327785637

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 5741.517+/-0.000 χ^2/NDF:60923539317004344217608713920070444 6464.0/5

In: -1068.628+/-0.000 χ^2/NDF:272897255113573

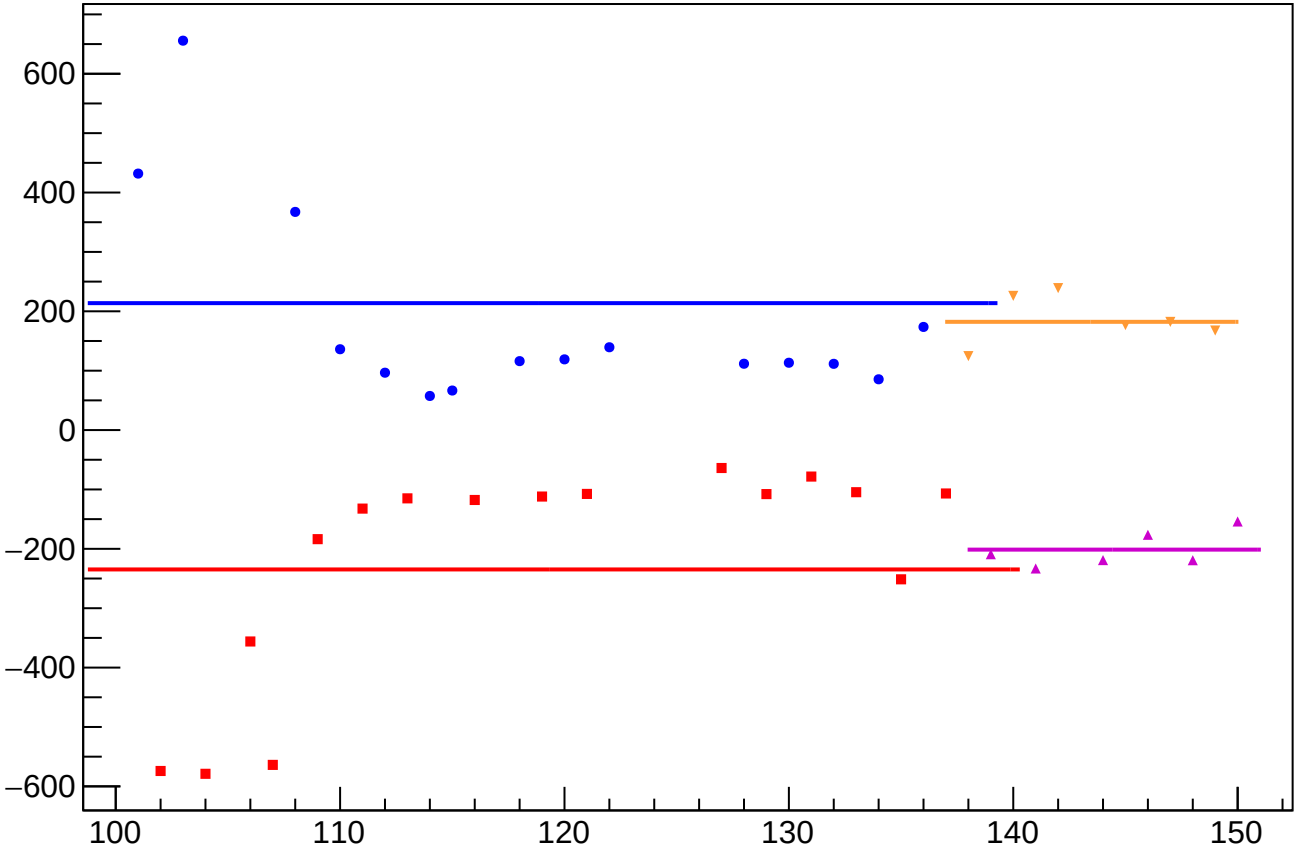
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15

Out: 641.141+/-0.000 χ^2/NDF:208267743708212 1

Left In: -6412.520+/-0.000 χ^2/NDF:1564302409333727802327197082818550 16960.0/5

All: -231.006+/-0.000 χ^2/NDF: 4978064716 8

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -22.294+/-0.000 χ^2/NDF: 3622353322718235

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 182.278+/-0.000 χ^2/NDF:58565421545211982991935912080834560 0.0/5

In: 30.488+/-0.000 χ^2/NDF:69485079567336273 5

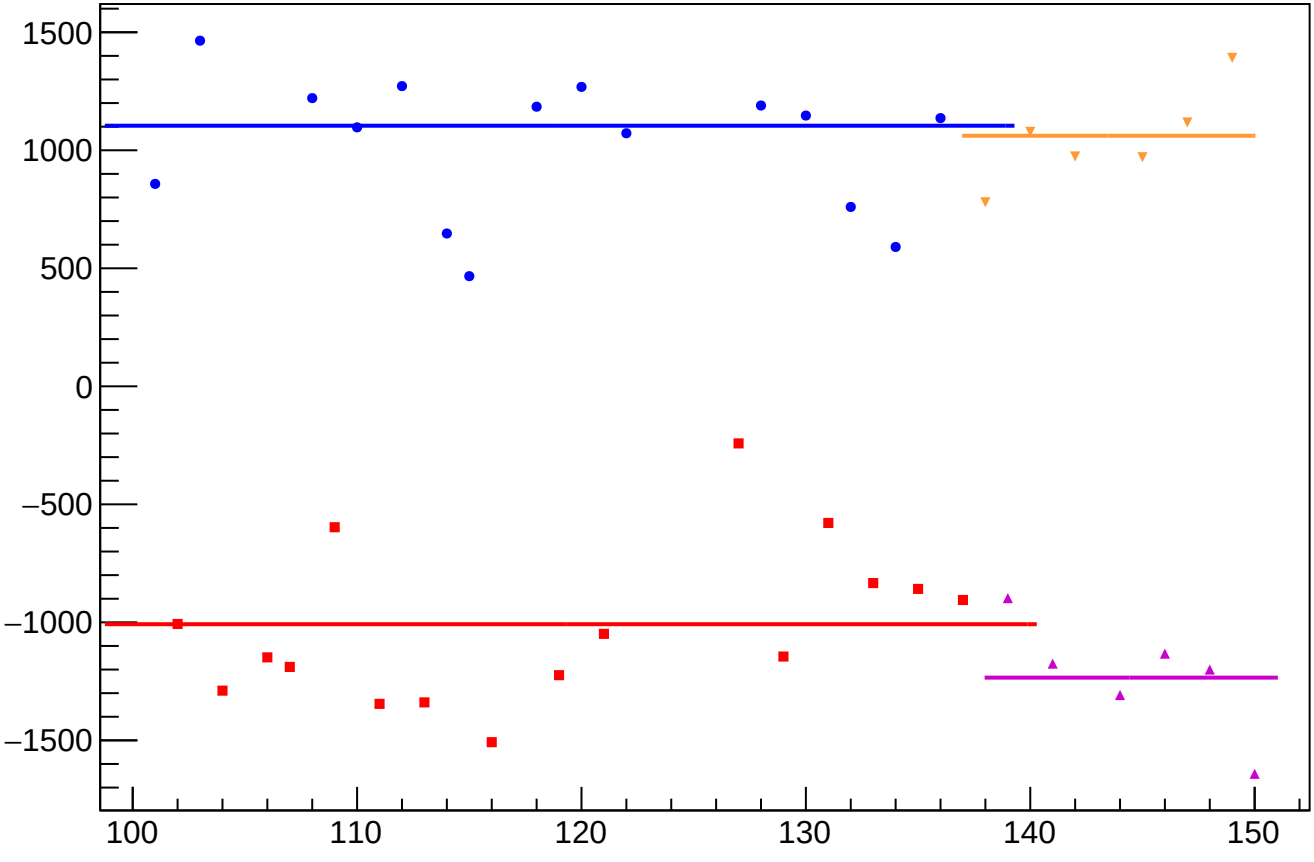
Right Out: -234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

Out: -66.945+/-0.000 χ^2/NDF:7126037446131063

Left In: -201.344+/-0.000 χ^2/NDF:40128055830101505244343950755705 6512.0/5

All: -17.245+/-0.000 χ^2/NDF: 146149638764

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -162.638+/-0.000 χ^2/NDF: 130470575604694

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1061.648+/-0.000 χ^2/NDF:1663861781068181973459337402099590758 4.0/5

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

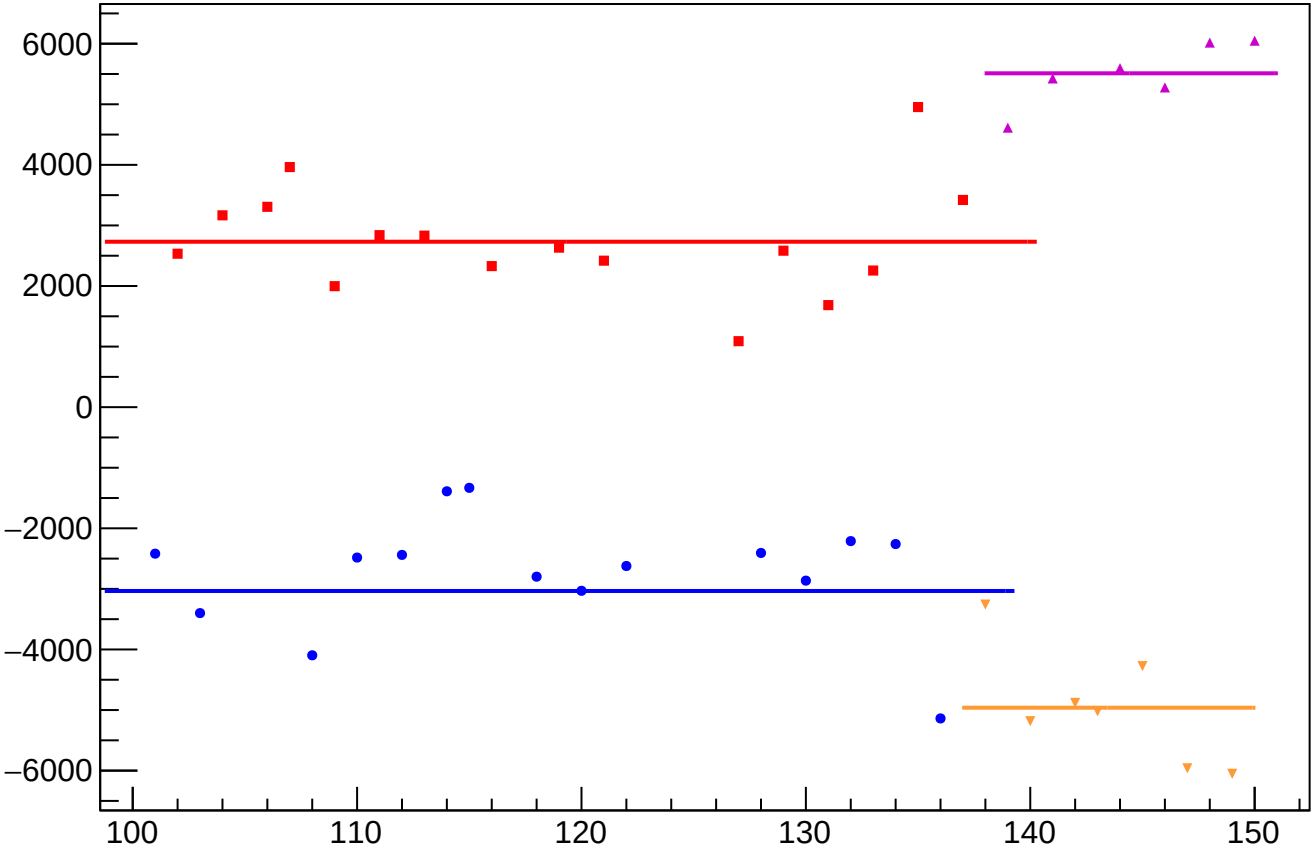
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -175.263+/-0.000 χ^2/NDF:123509047444456

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

All: -49.237+/-0.000 χ^2/NDF: 289520316099

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 259.735+/-0.000 χ^2/NDF: 2878020100181754

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -4961.357+/-0.000 χ^2/NDF:4468694732176120434208784049812956774 40.0/6

In: 738.313+/-0.000 χ^2/NDF:2167488049945980

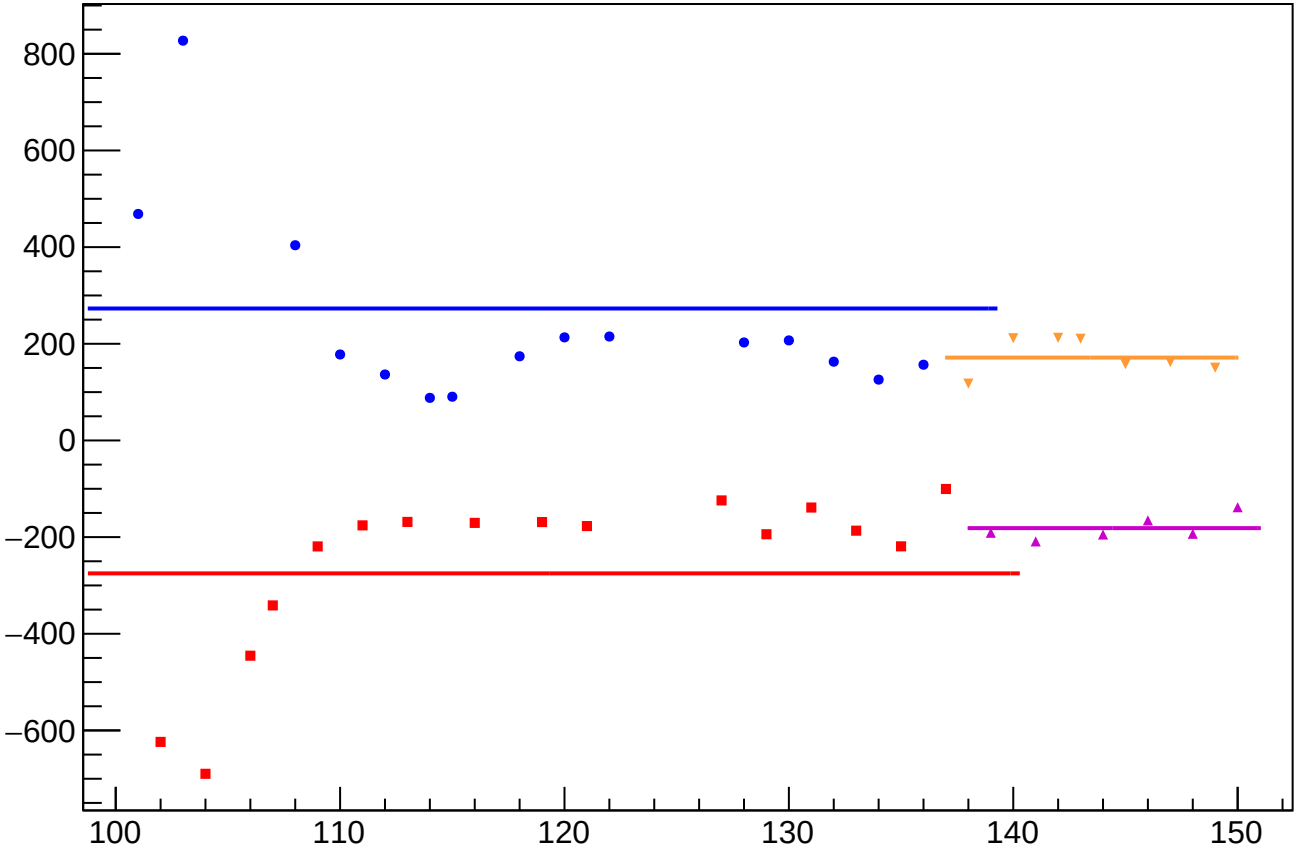
Right Out: 2731.035+/-0.000 χ^2/NDF: 528290847703567991555694629239211950080.0/15

Out: -624.227+/-0.000 χ^2/NDF:181904208643707

Left In: 5511.360+/-0.000 χ^2/NDF:1189537870505703051708789564417066 92608.0/5

All: 50.942+/-0.000 χ^2/NDF: 4095359563410

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -4.475+/-0.000 χ^2/NDF: 32913926364684925

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.438+/-0.000 χ^2/NDF:5948484692355874293743588121635717 12.0/6

In: 72.406+/-0.000 χ^2/NDF:85950963721269501

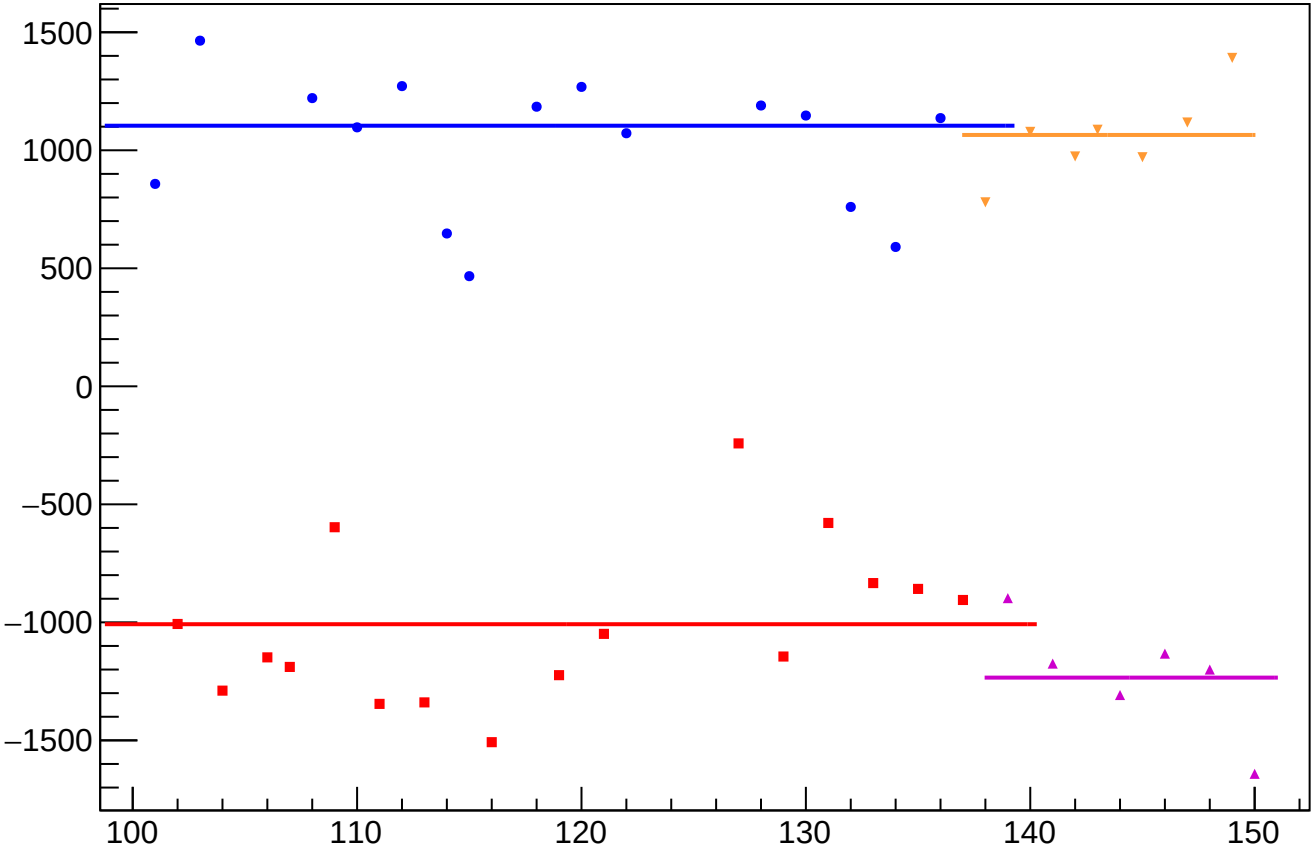
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

Out: -80.298+/-0.000 χ^2/NDF:8085560407828927

Left In: -181.416+/-0.000 χ^2/NDF:2901109715557839677113807387104378 88.0/5

All: -4.630+/-0.000 χ^2/NDF: 1804758179518

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:16676265235806224307519407597943783424.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

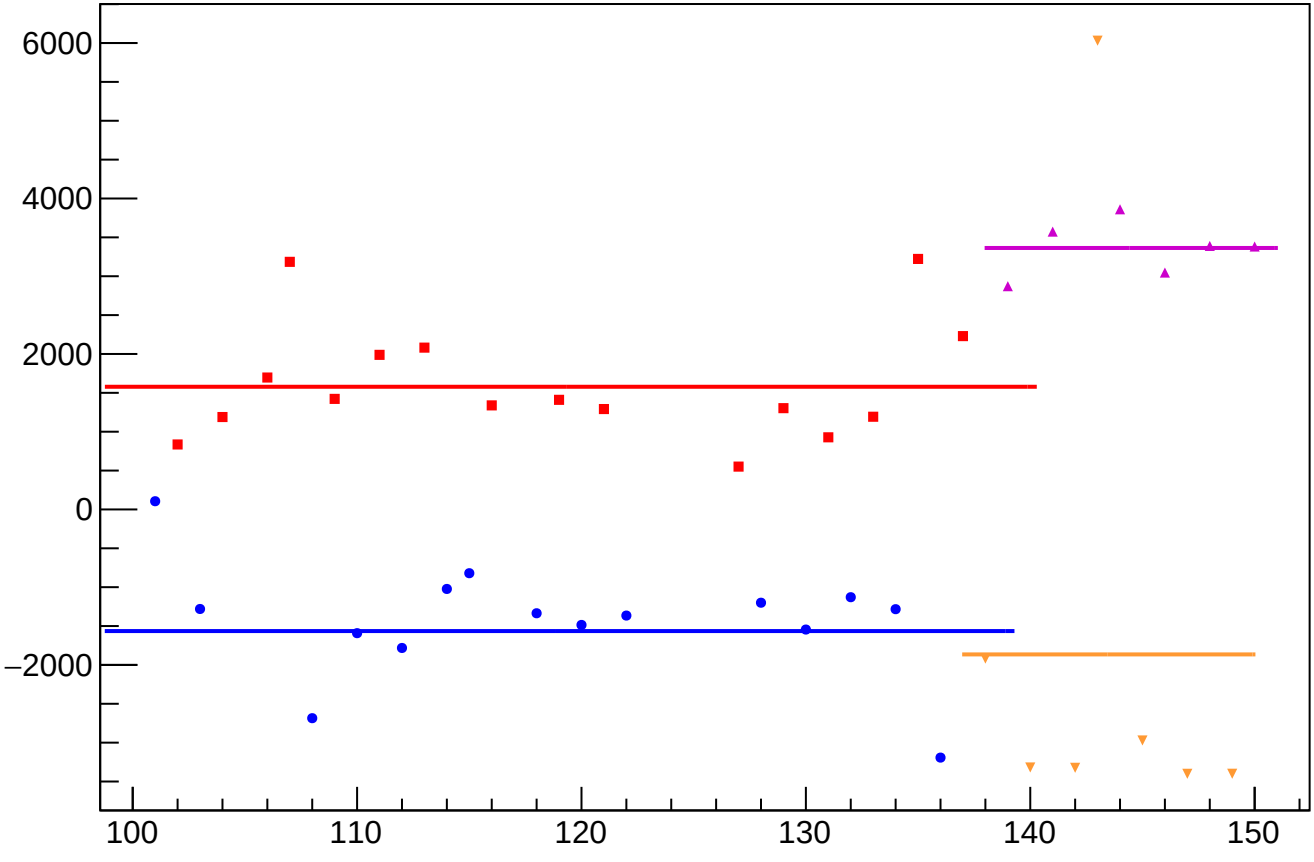
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

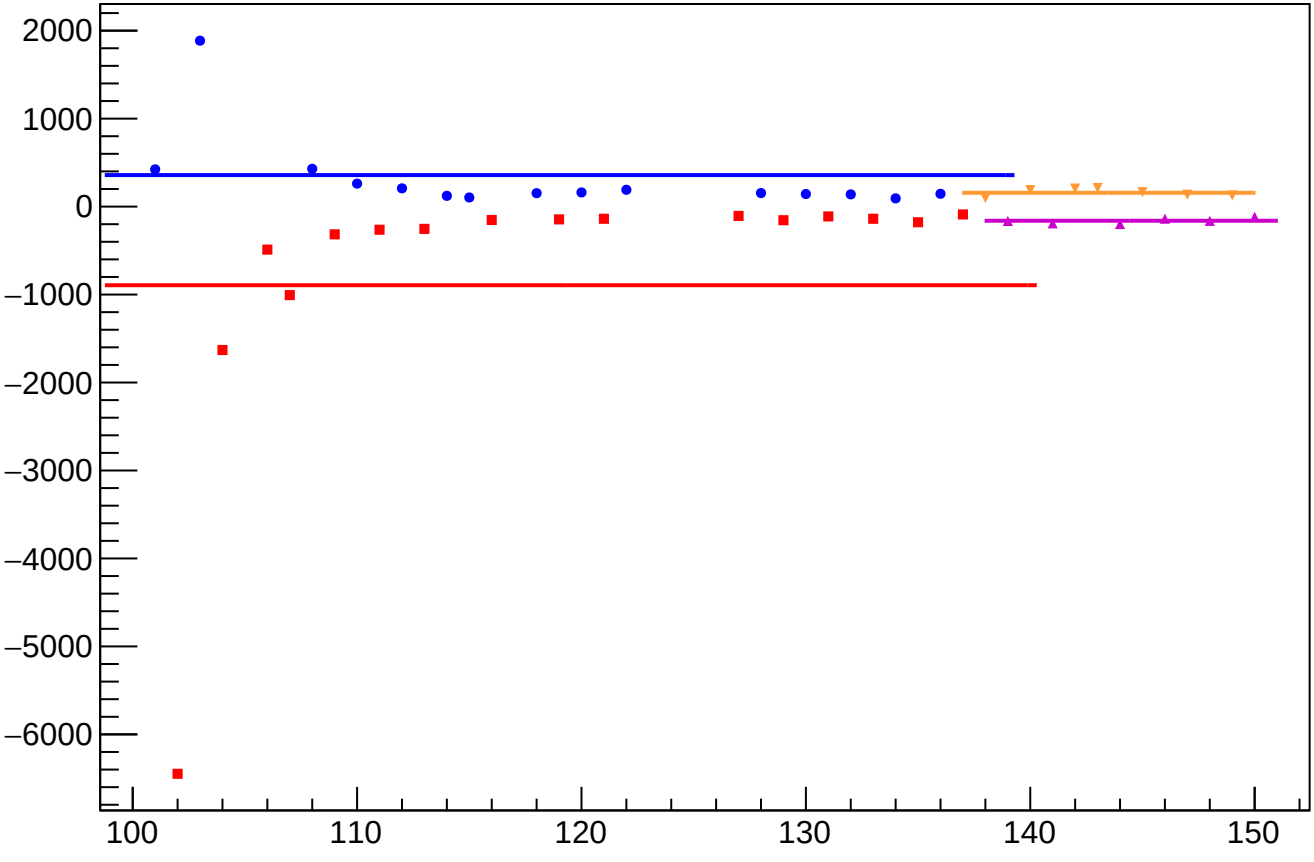
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_atl1_coil3_mean vs Slug, Sign Corrected



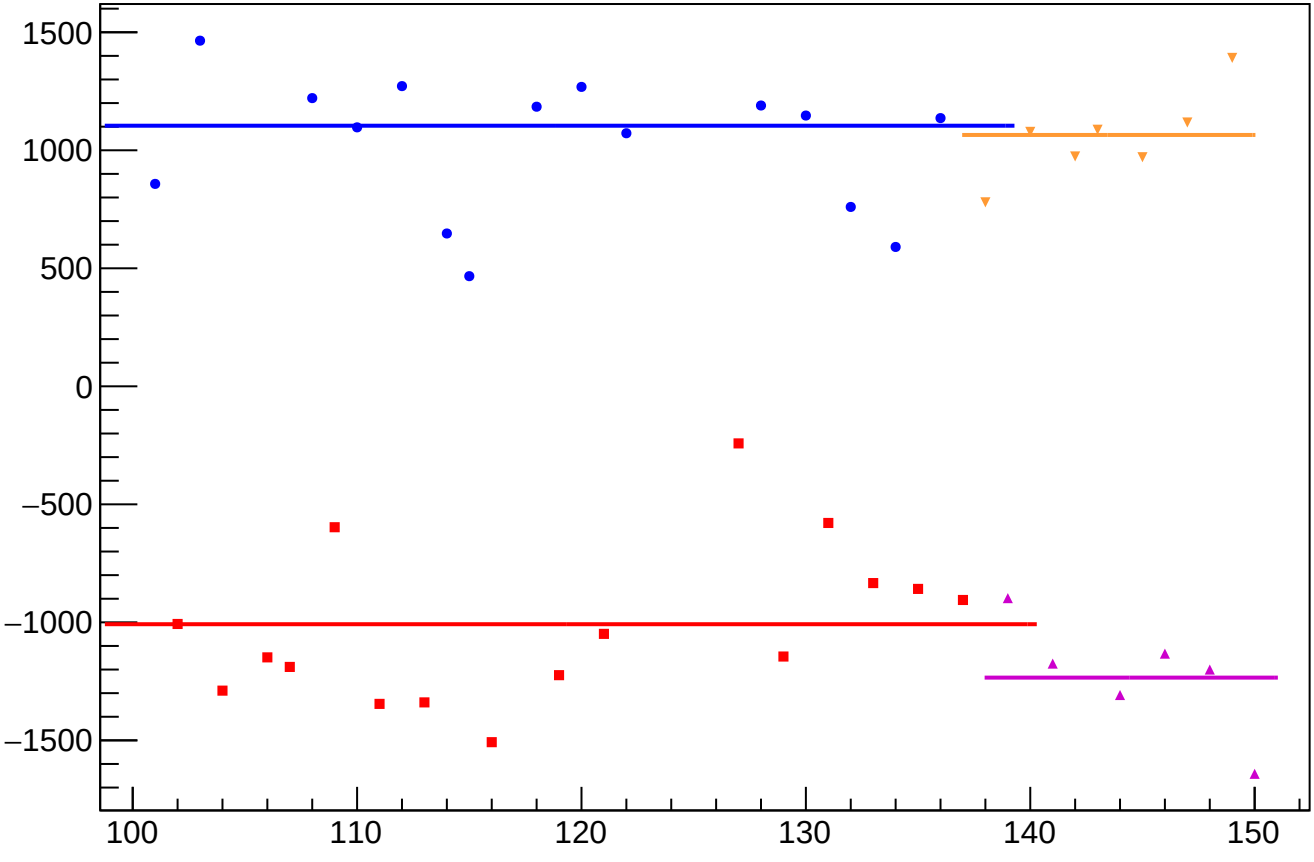
Left: 741.701+/-0.000 χ^2/NDF: 120154784261689
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -1864.937+/-0.000 χ^2/NDF:49291992216409986595260298504224857128 96.0/6
In: 611.098+/-0.000 χ^2/NDF:7496372399340344
Right Out: 1578.178+/-0.000 χ^2/NDF: 36845057255621756407196320358109859020 8.0/15
Out: 76.363+/-0.000 χ^2/NDF:8746654937589762
Left In: 3363.583+/-0.000 χ^2/NDF:53787950109399635961728013196811304960.0/5
All: 341.336+/-0.000 χ^2/NDF: 16410647080

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.646+/-0.000 χ^2/NDF: 27223473414733627
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 156.911+/-0.000 χ^2/NDF:7761791137269538680665813343954534 40.0/6
In: 128.859+/-0.000 χ^2/NDF:2355893018017504
Right Out: -893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
Out: -435.556+/-0.000 χ^2/NDF:239794199764764
Left In: -161.129+/-0.000 χ^2/NDF:4268309215171716654999710362113146 88.0/5
All: -155.876+/-0.000 χ^2/NDF: 28202751840

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

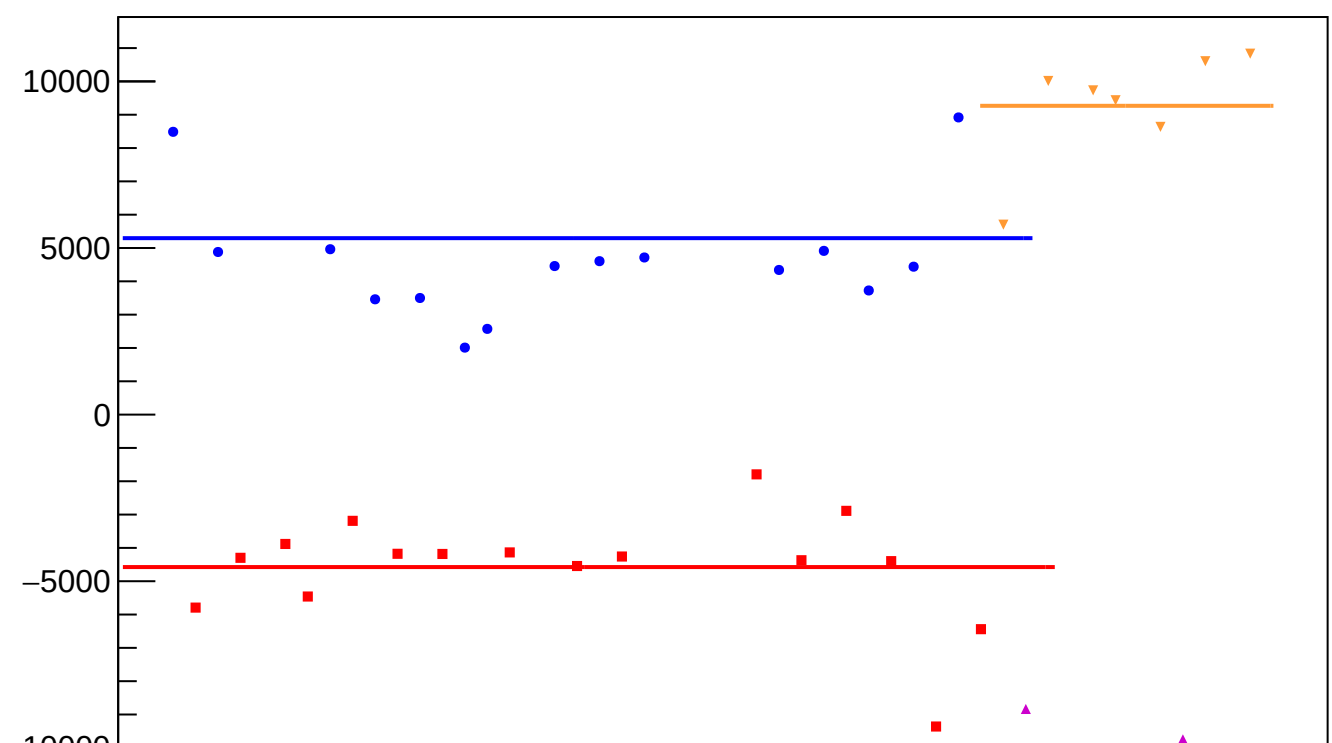
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

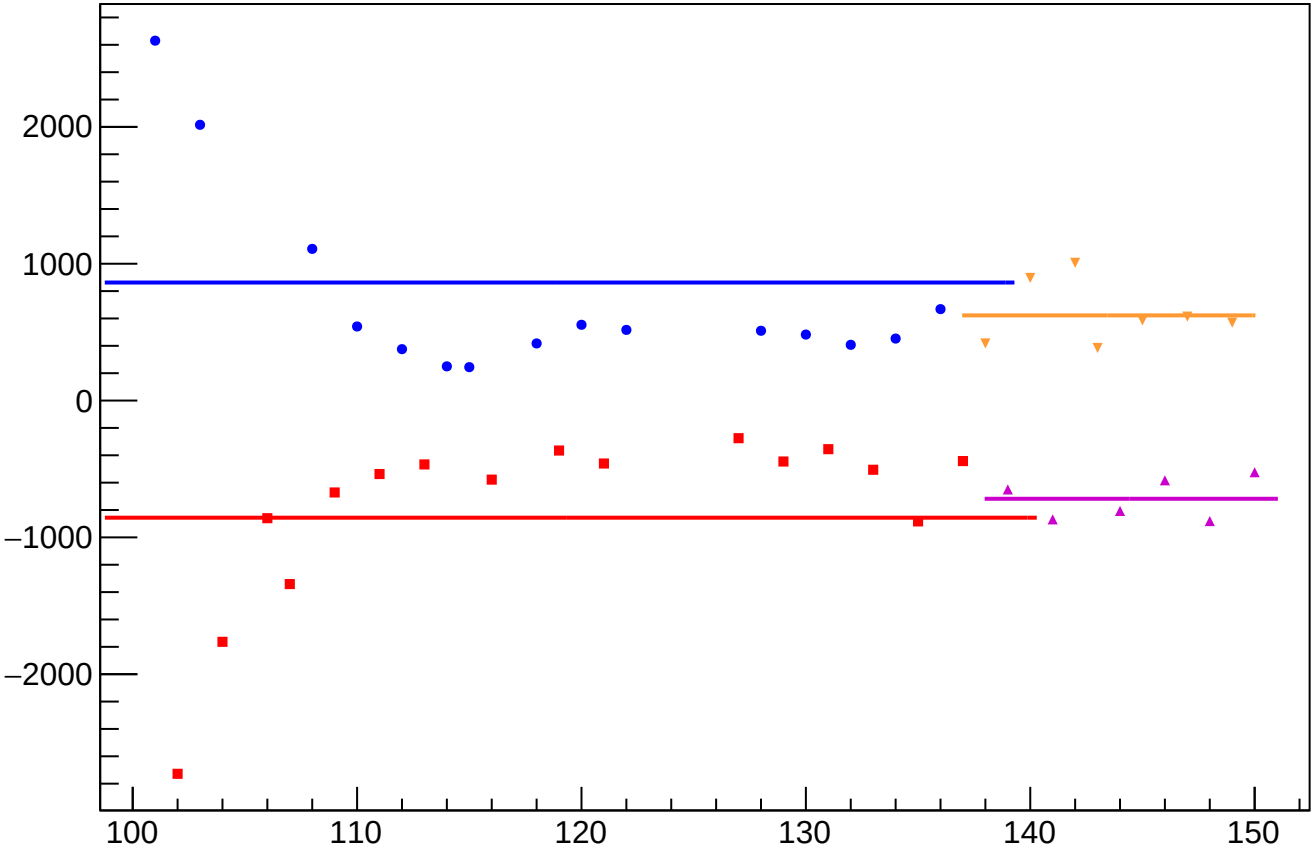
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_atl2_coil3_mean vs Slug, Sign Corrected



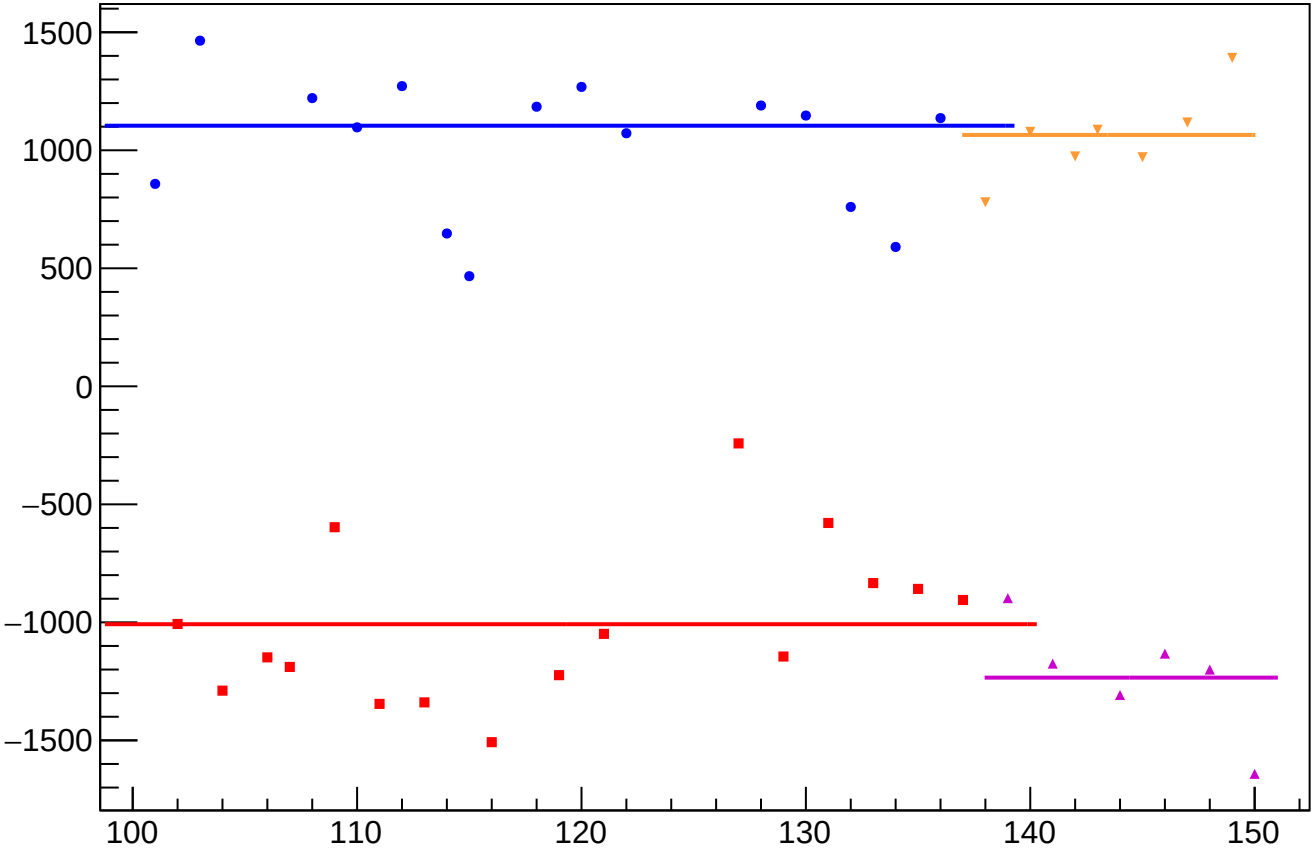
Left: -549.806+/-0.000 χ^2/NDF: 101535773999341
Right In: 5295.485+/-0.000 χ^2/NDF: 2505645232968263275444048016093183213568.0/14
Right: 292.602+/-0.000 χ^2/NDF: 364180360676330
Left Out: 9267.698+/-0.000 χ^2/NDF:1427447096726751498251099963871559942144.0/6
In: -1644.675+/-0.000 χ^2/NDF:736618756489207
Right Out: -4575.270+/-0.000 χ^2/NDF: 1863322094770403739096100800072716910592.0/15
Out: 1462.745+/-0.000 χ^2/NDF:590413264623311
Left In: -10424.722+/-0.000 χ^2/NDF:3498384243966536924528902174510373928 96.0/5
All: -77.052+/-0.000 χ^2/NDF: 138363611745

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -45.664+/-0.000 χ^2/NDF: 4927576600241284
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 622.605+/-0.000 χ^2/NDF:2036330286825430791188809021113604505 6.0/6
In: 164.913+/-0.000 χ^2/NDF:1063600790302406
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: -211.096+/-0.000 χ^2/NDF:983665176112478
Left In: -717.841+/-0.000 χ^2/NDF:1017267600580137178830721743371370496 0.0/5
All: -24.775+/-0.000 χ^2/NDF: 213014509430

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

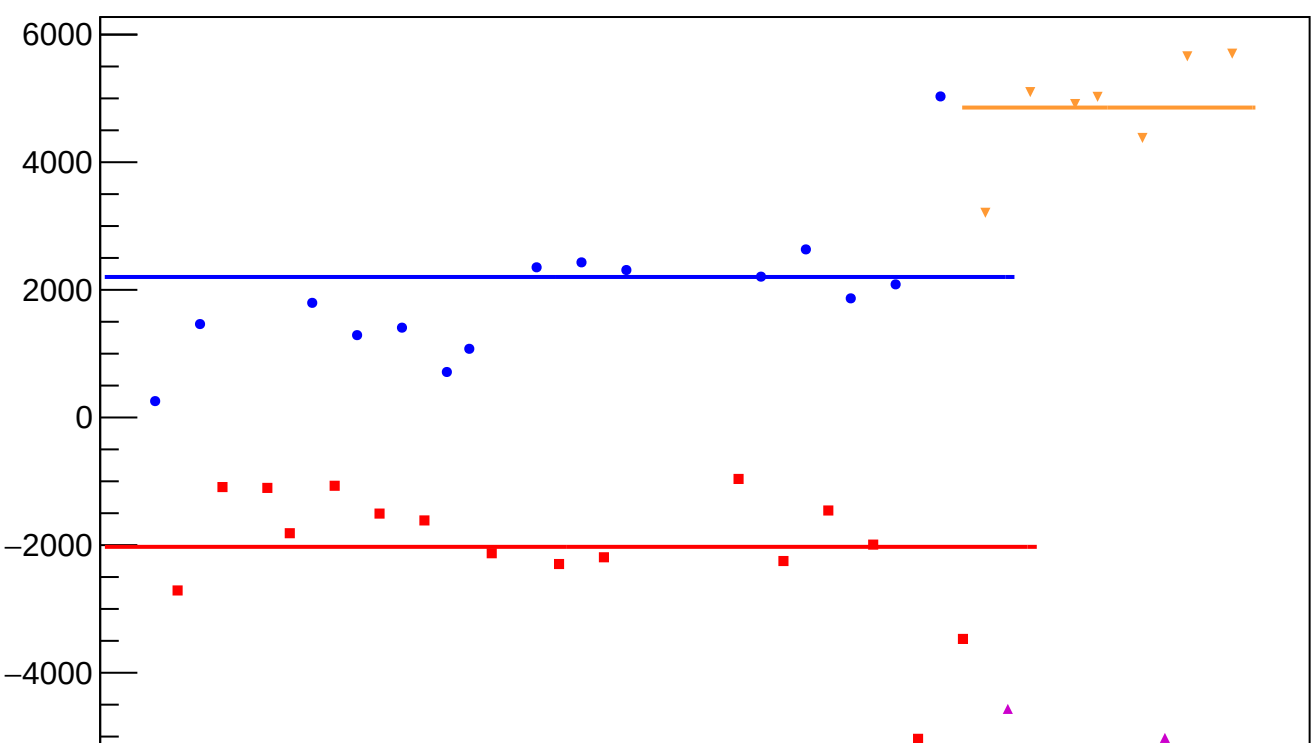
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

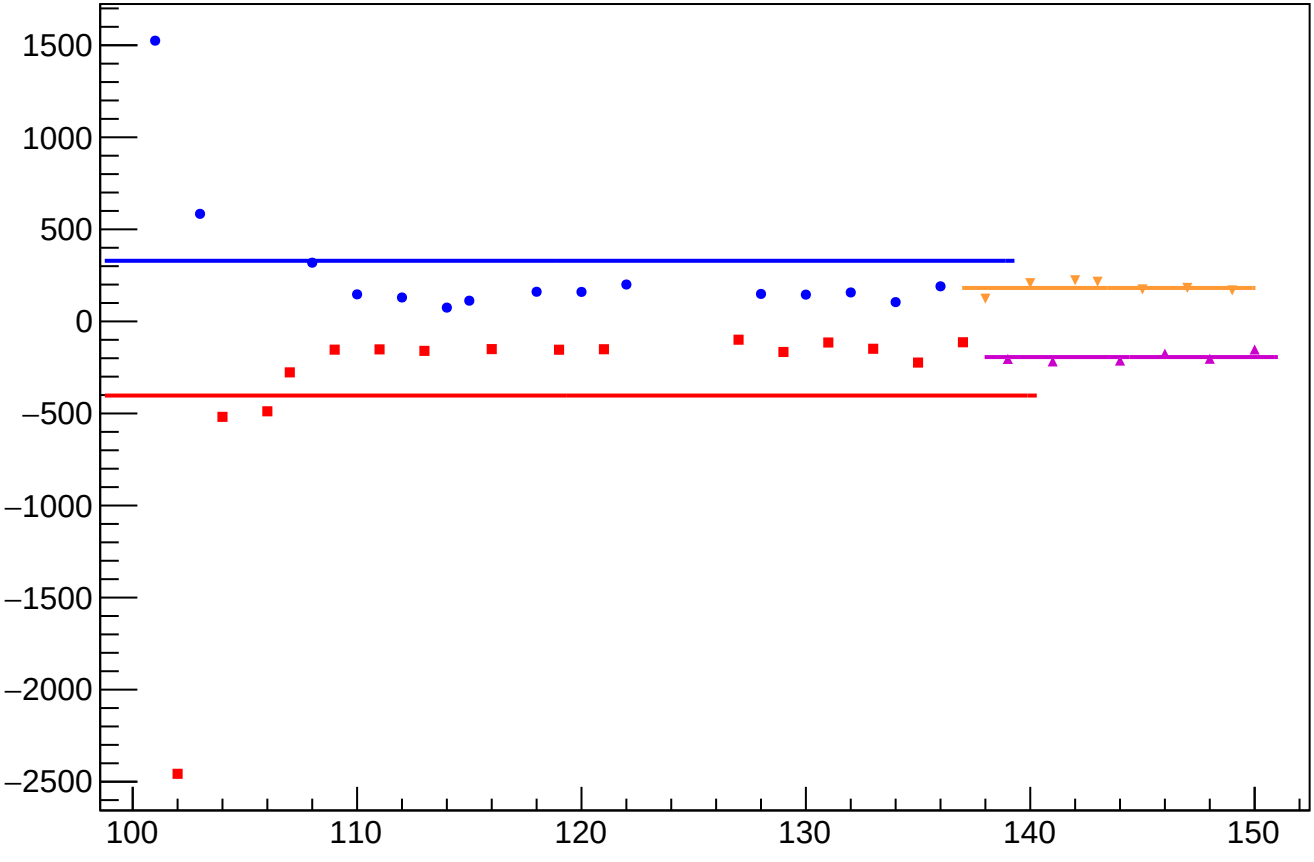
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -242.636+/-0.000 χ^2/NDF: 273554392238099
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 4856.506+/-0.000 χ^2/NDF:34737610138796699679358283364555974246 4.0/6
In: -1141.681+/-0.000 χ^2/NDF:176168270634414
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 975.460+/-0.000 χ^2/NDF:1484098735250821
Left In: -5371.598+/-0.000 χ^2/NDF:96313180018753898205192837701457412096.0/5
All: -73.631+/-0.000 χ^2/NDF: 350853423267

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -5.412+/-0.000 χ^2/NDF: 37026242962224511

Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 181.736+/-0.000 χ^2/NDF:496616060099822176727962384106258432.0/6

In: 98.387+/-0.000 χ^2/NDF:1819005154073674 12

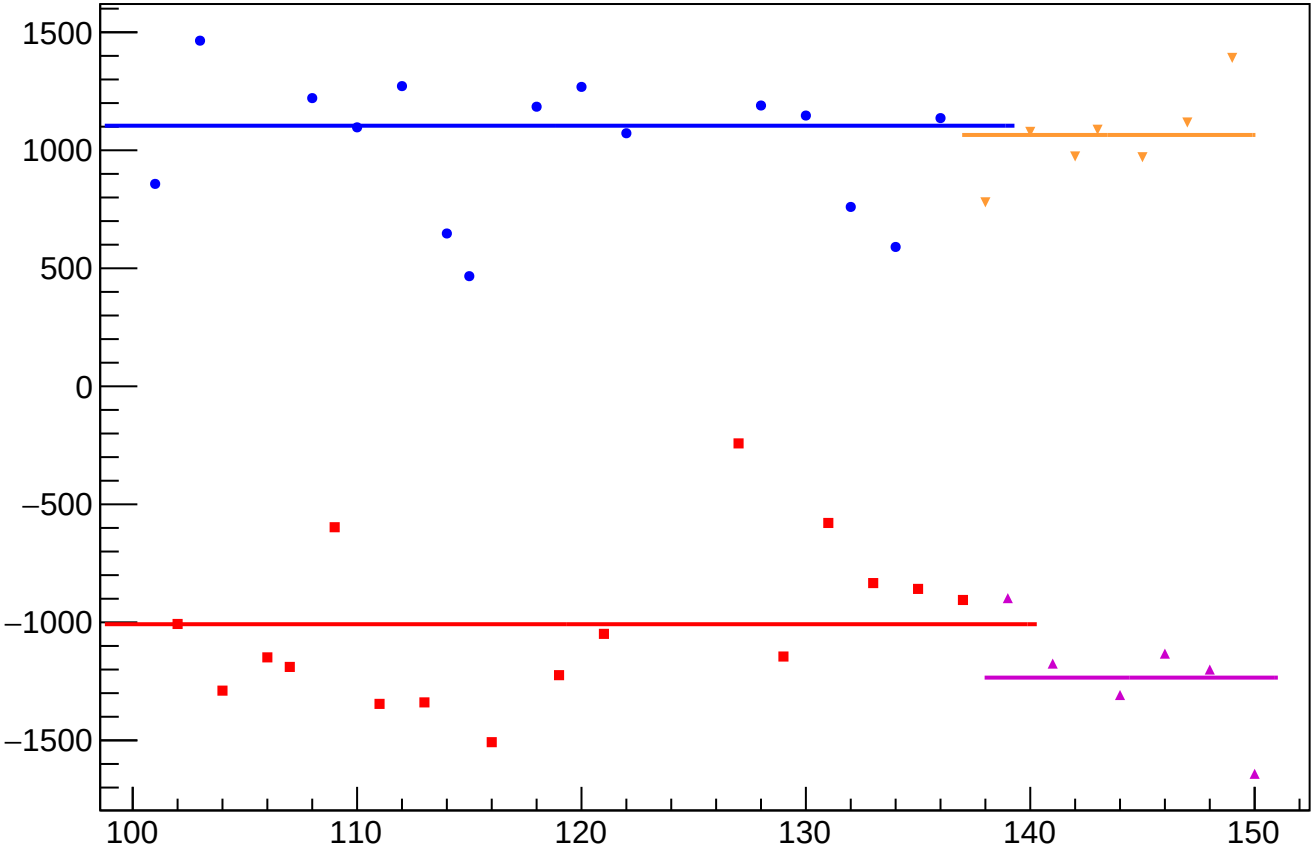
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -147.775+/-0.000 χ^2/NDF:377501614246278

Left In: -193.654+/-0.000 χ^2/NDF:278793455834994122313794247907606528.0/5

All: -25.797+/-0.000 χ^2/NDF: 594923539255

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

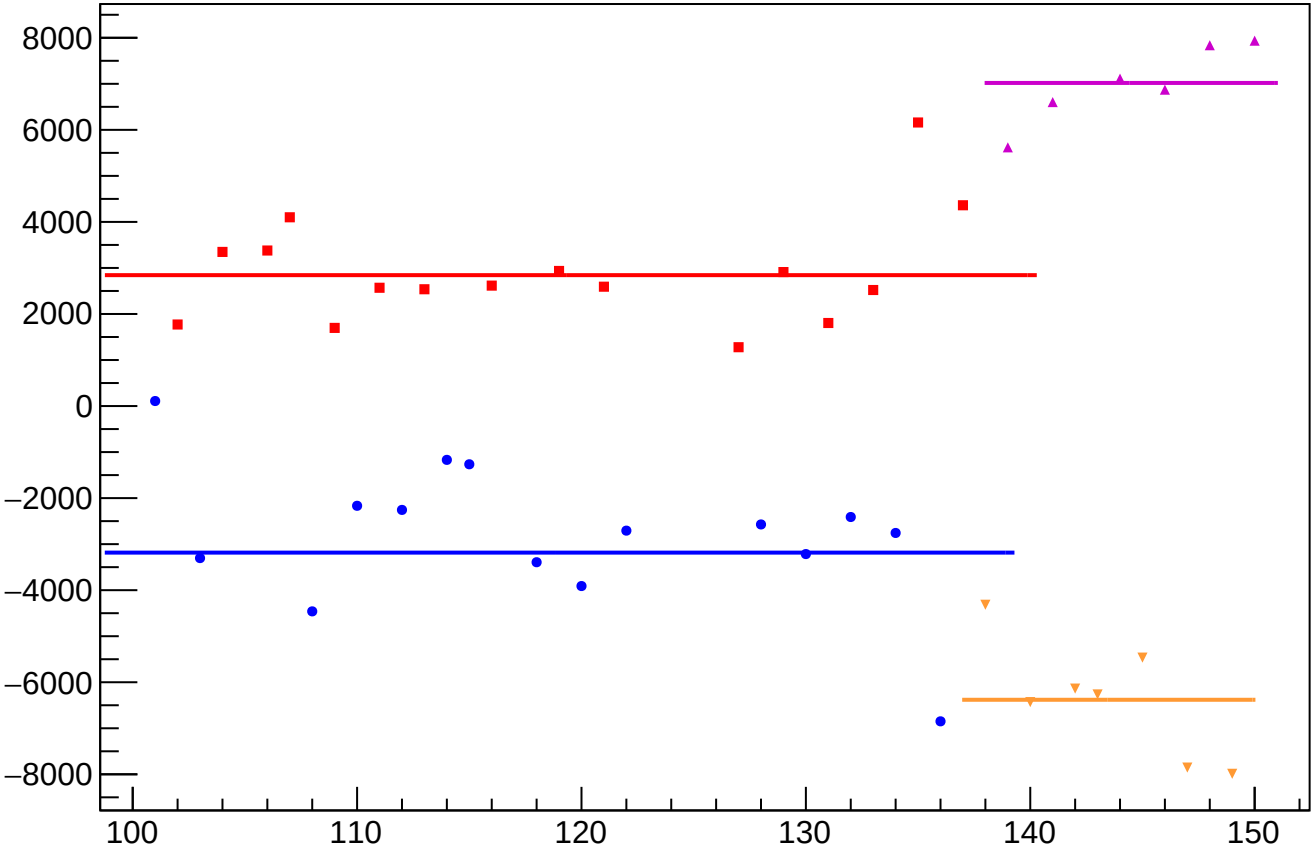
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

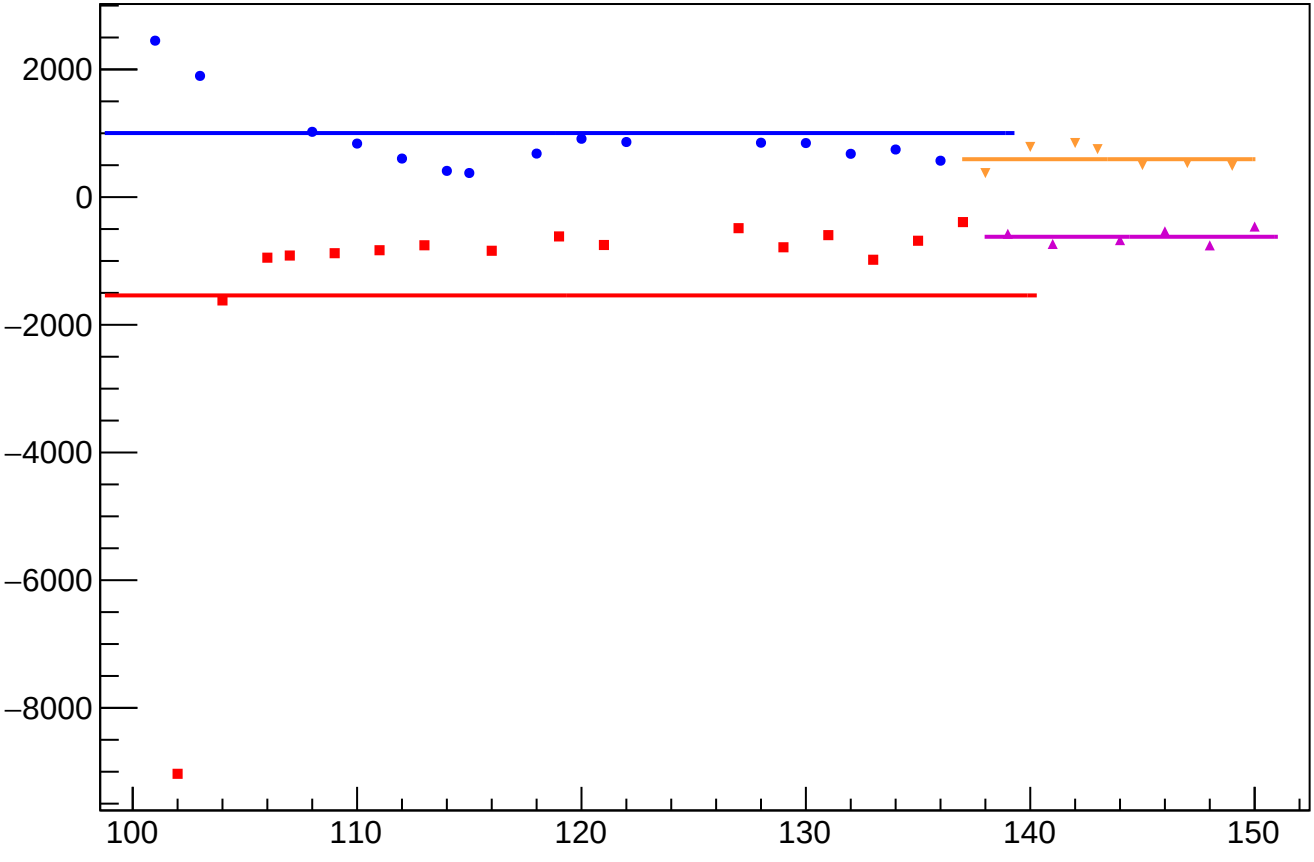
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 299.617+/-0.000 χ^2/NDF: 4728980127687521
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
Right: -128.944+/-0.000 χ^2/NDF: 15032681342441
Left Out: -6380.777+/-0.000 χ^2/NDF:7905490868632429656369961447020812042 24.0/6
In: 1320.497+/-0.000 χ^2/NDF:322709410393354
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
Out: -1179.883+/-0.000 χ^2/NDF:26492718518188
Left In: 7019.078+/-0.000 χ^2/NDF:3088359938897993563375779629667516416 0.0/5
All: 59.111+/-0.000 χ^2/NDF: 624285432883

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -11.798+/-0.000 χ^2/NDF: 3988995049080035

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 593.899+/-0.000 χ^2/NDF:13218411089278669555756914572380864512.0/6

In: 286.247+/-0.000 χ^2/NDF:9818563266409803

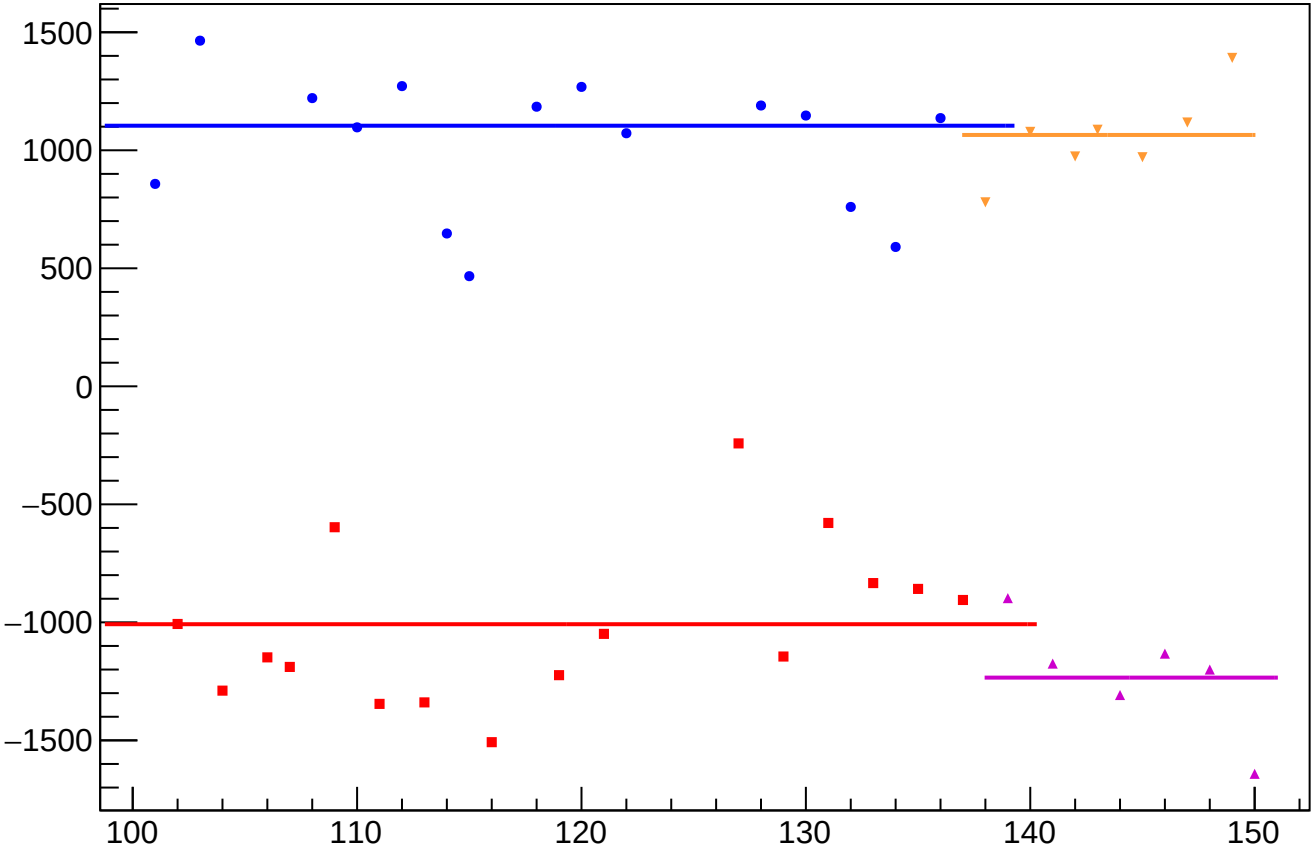
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -608.994+/-0.000 χ^2/NDF:495222103094343

Left In: -621.037+/-0.000 χ^2/NDF:5965229085294844169726613768250589184.0/5

All: -165.382+/-0.000 χ^2/NDF: 64038933728

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:16676265235806224307519407597943783424.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

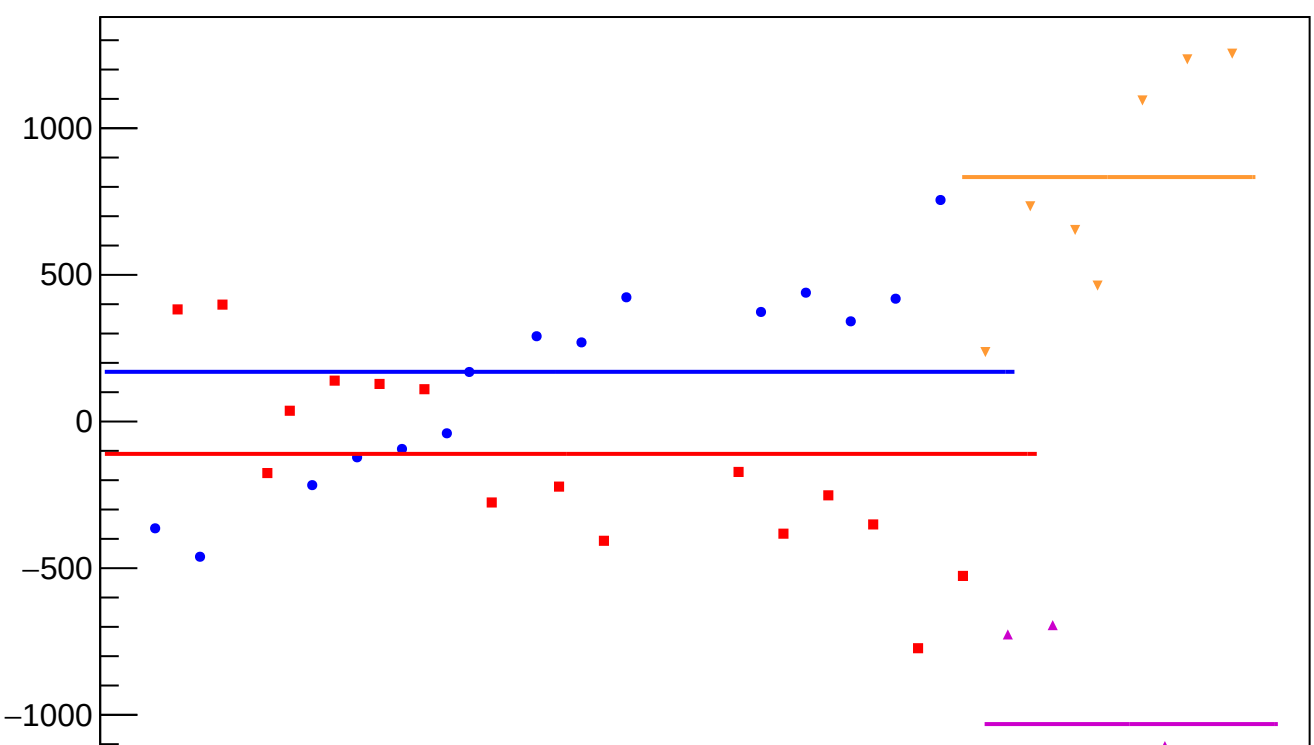
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -96.275+/-0.000 χ^2/NDF: 9936106540054012

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 833.464+/-0.000 χ^2/NDF:722059930490539082712453846121515581 44.0/6

In: -360.702+/-0.000 χ^2/NDF:5353926903962319

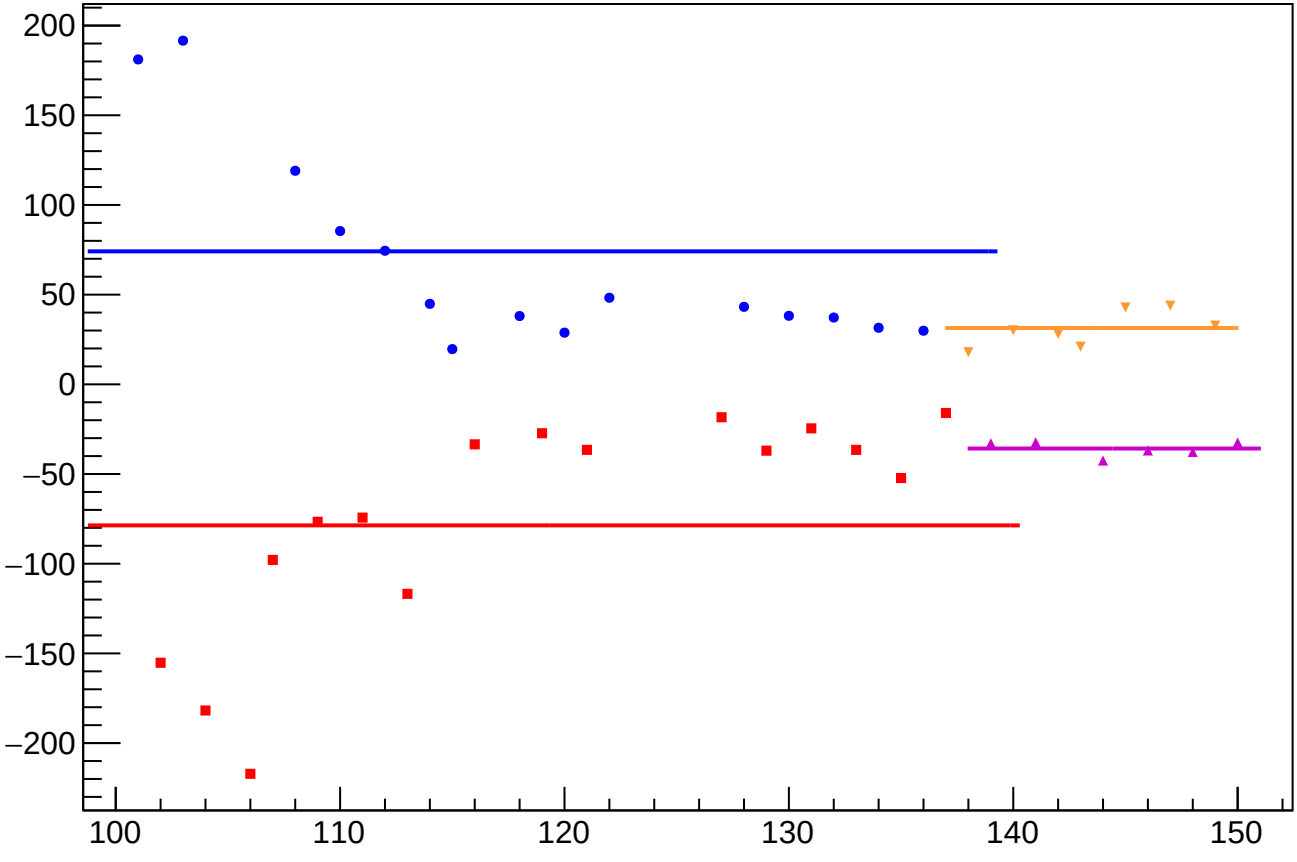
Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Out: 301.357+/-0.000 χ^2/NDF:4031005166396234

Left In: -1031.452+/-0.000 χ^2/NDF:267198104994053638980348805620967669 76.0/5

All: -26.708+/-0.000 χ^2/NDF: 119543895501

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -2.095+/-0.000 χ^2/NDF: 12137827036202936

Right In: 74.129+/-0.000 χ^2/NDF: 21683757174012073226206582580812185 60.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.406+/-0.000 χ^2/NDF:4501563390031696057305067737946521 6.0/6

In: 25.601+/-0.000 χ^2/NDF:56373996372107605 4

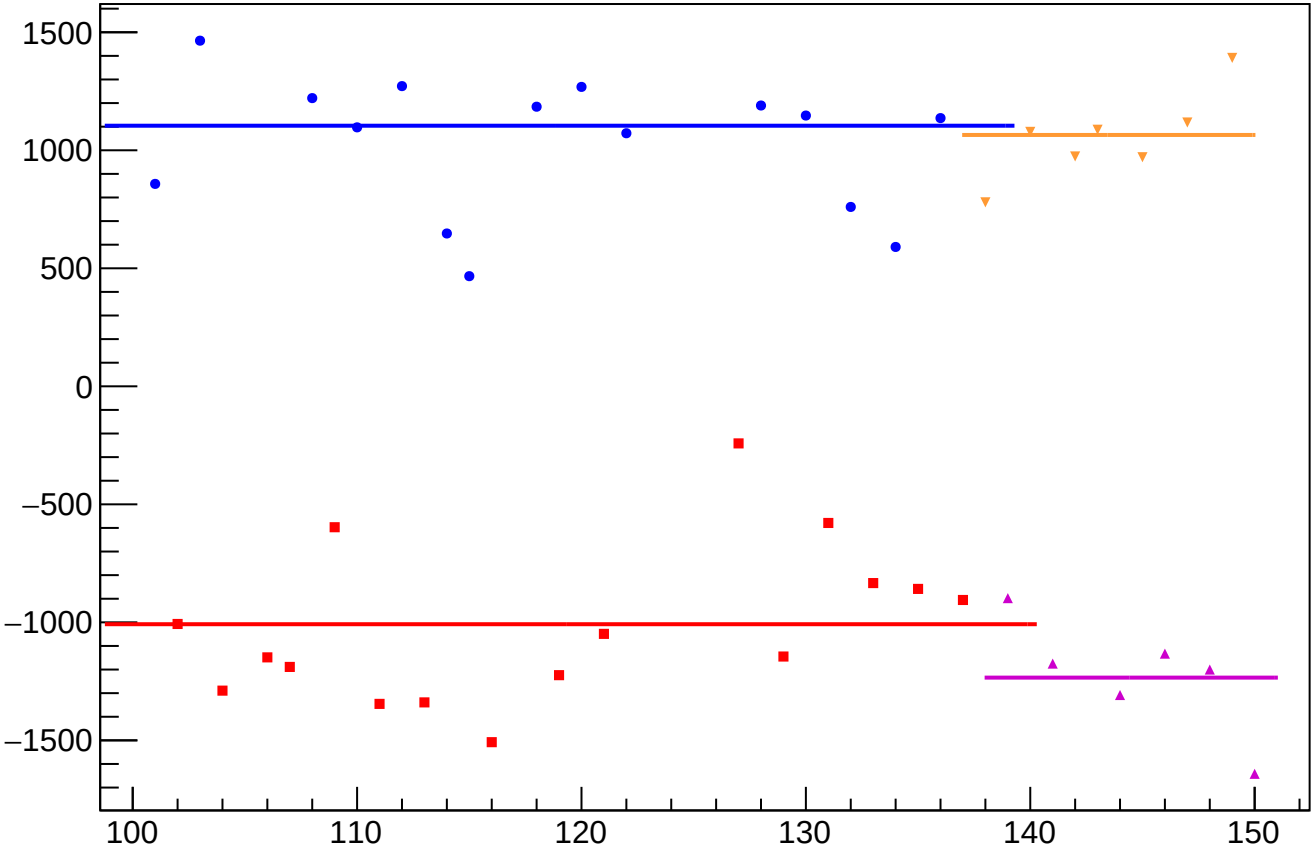
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -30.636+/-0.000 χ^2/NDF:5911000192358043

Left In: -35.791+/-0.000 χ^2/NDF:7183109109118443250604068785094656.0/5

All: -2.769+/-0.000 χ^2/NDF: 1340236204434

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

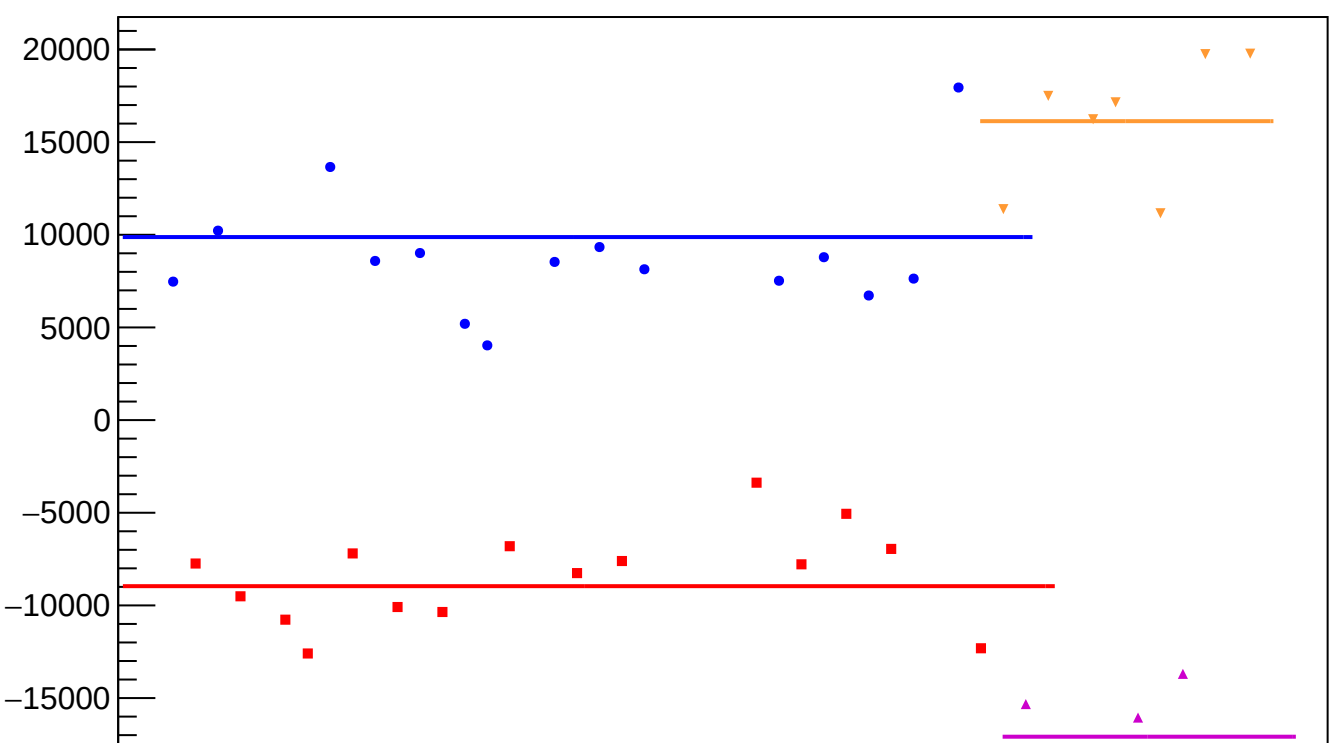
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Left Out: 16130.952+/-0.000 χ^2/NDF:6115865178935606266683423902715621670912.0/6

Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Left In: -17084.614+/-0.000 χ^2/NDF:2524208930043987303377617585754769195008.0/5

Left: -428.412+/-0.000 χ^2/NDF: 292454847521374

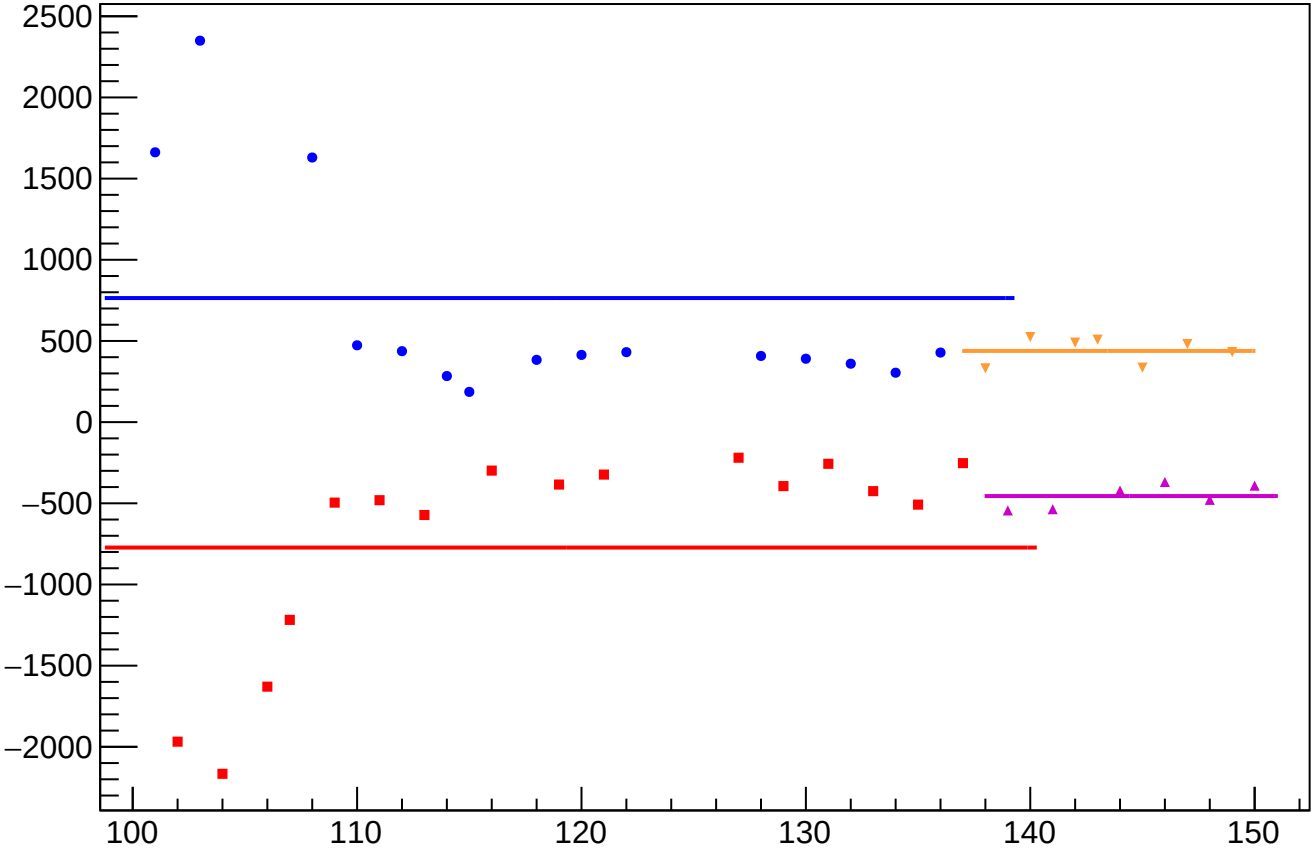
Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

In: -2026.281+/-0.000 χ^2/NDF:219280380203777

Out: 1983.253+/-0.000 χ^2/NDF:196880494948102

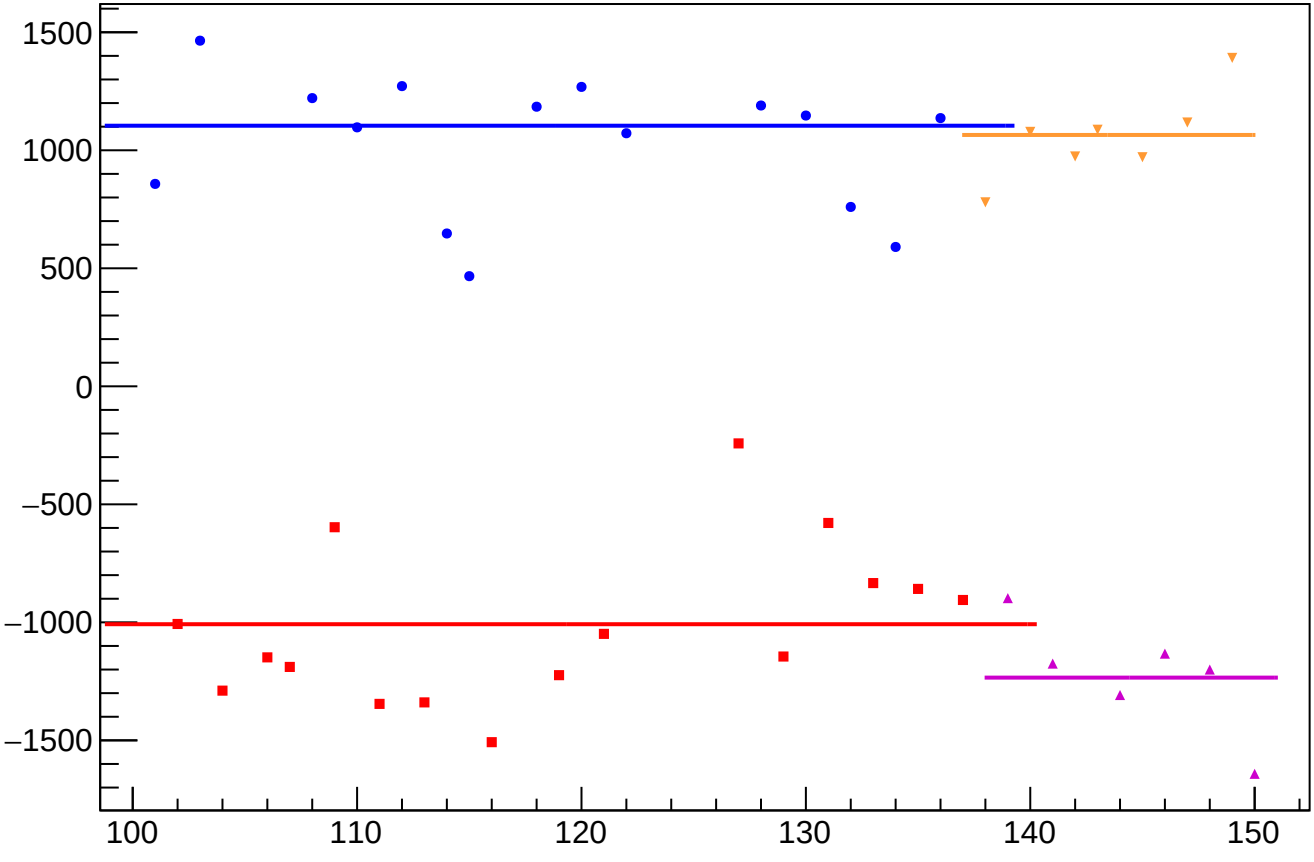
All: -3.561+/-0.000 χ^2/NDF: 425584889846

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.019+/-0.000 χ^2/NDF: 21087738238319110
Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 438.667+/-0.000 χ^2/NDF:294525377900705728434462791431513702 4.0/6
In: 225.857+/-0.000 χ^2/NDF:7194795192835930
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -244.241+/-0.000 χ^2/NDF:715655691252120
Left In: -455.310+/-0.000 χ^2/NDF:2340868020656078409465890942645960704.0/5
All: -11.297+/-0.000 χ^2/NDF: 156468160258

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

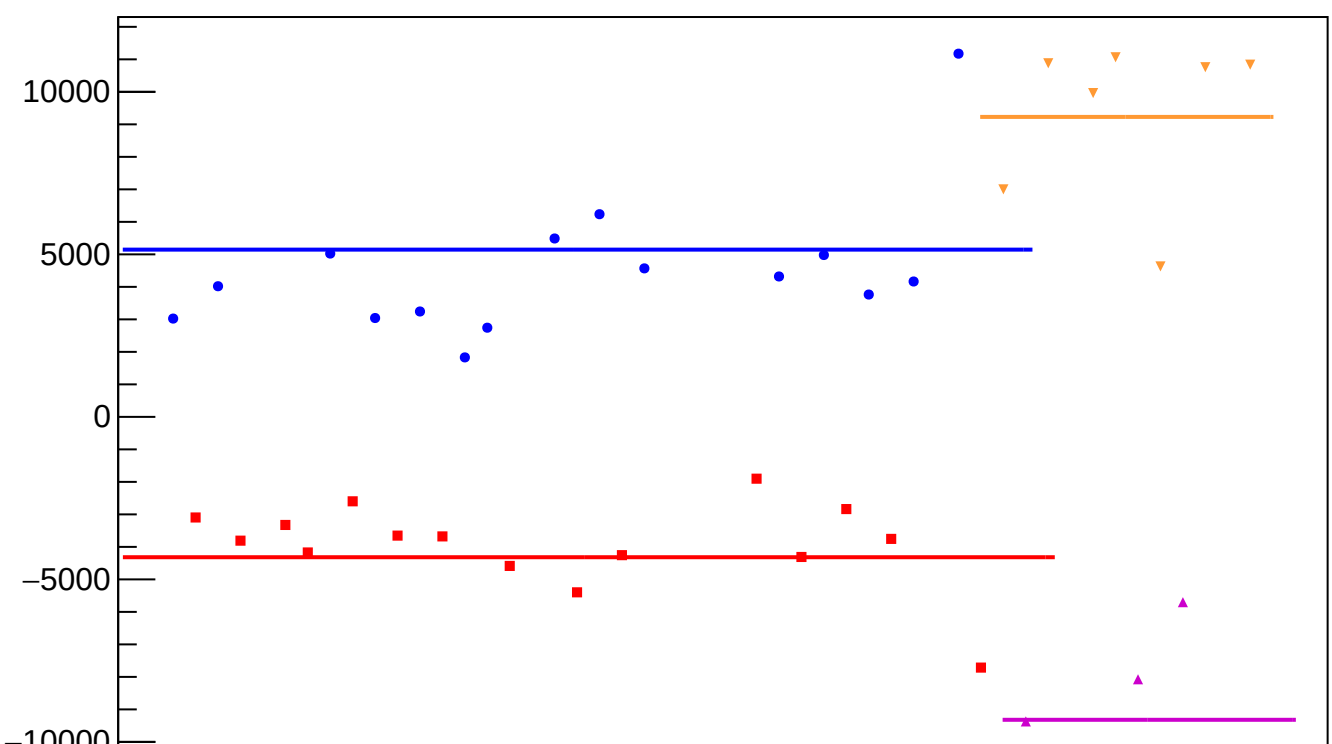
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

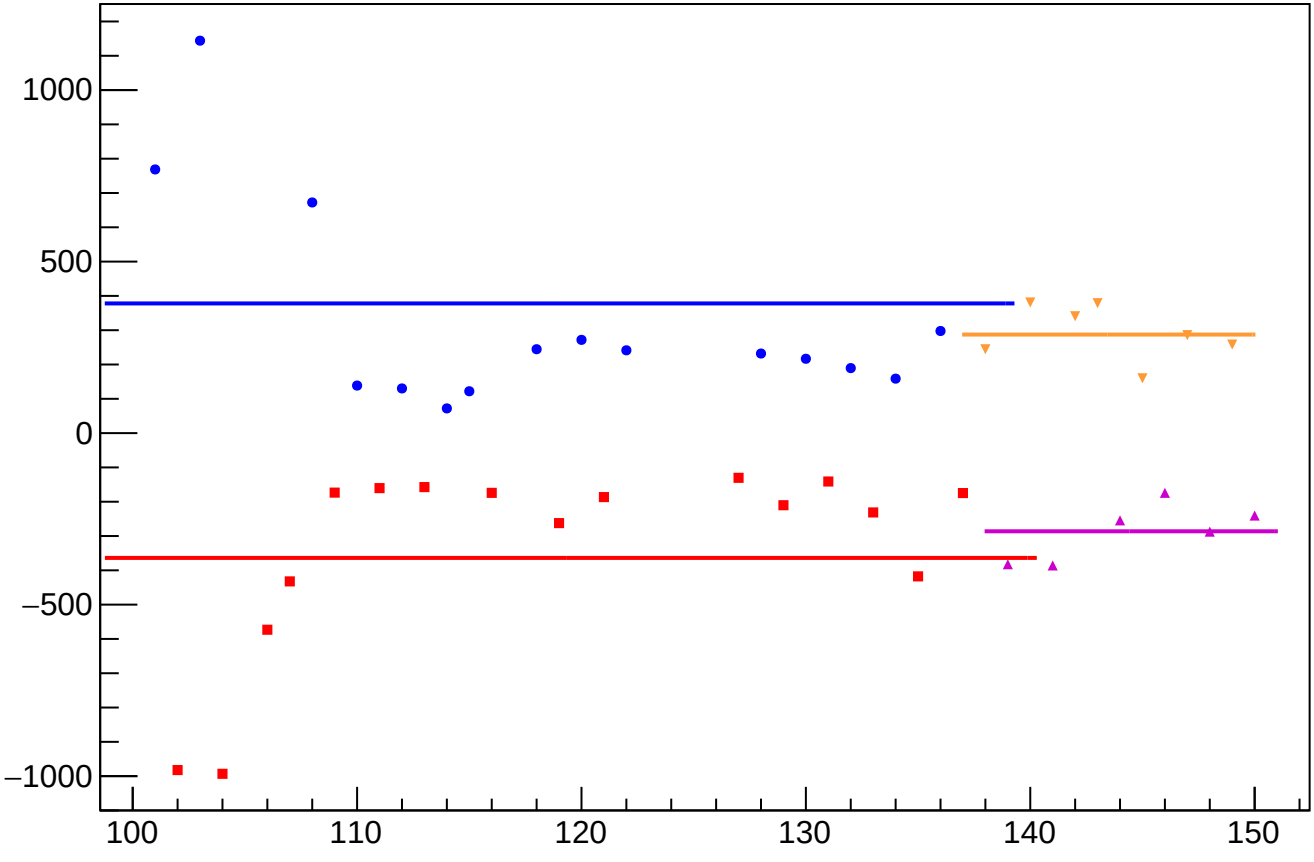
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -18.573+/-0.000 χ^2/NDF: 9335007920078907
Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14
Right: 349.044+/-0.000 χ^2/NDF: 370788219703753
Left Out: 9228.832+/-0.000 χ^2/NDF:297446149934534971066574892356997847449 6.0/6
In: -1240.669+/-0.000 χ^2/NDF:660958969469366
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15
Out: 1590.775+/-0.000 χ^2/NDF:597114111486760
Left In: -9320.056+/-0.000 χ^2/NDF:186661901042291810726705452857018233651 2.0/5
All: 187.731+/-0.000 χ^2/NDF: 130506941391

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: 1.385+/-0.000 χ^2/NDF: 904650764470452982

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 287.298+/-0.000 χ^2/NDF:29410627115721187587122395813972541 44.0/6

In: 84.798+/-0.000 χ^2/NDF:190853543324656597

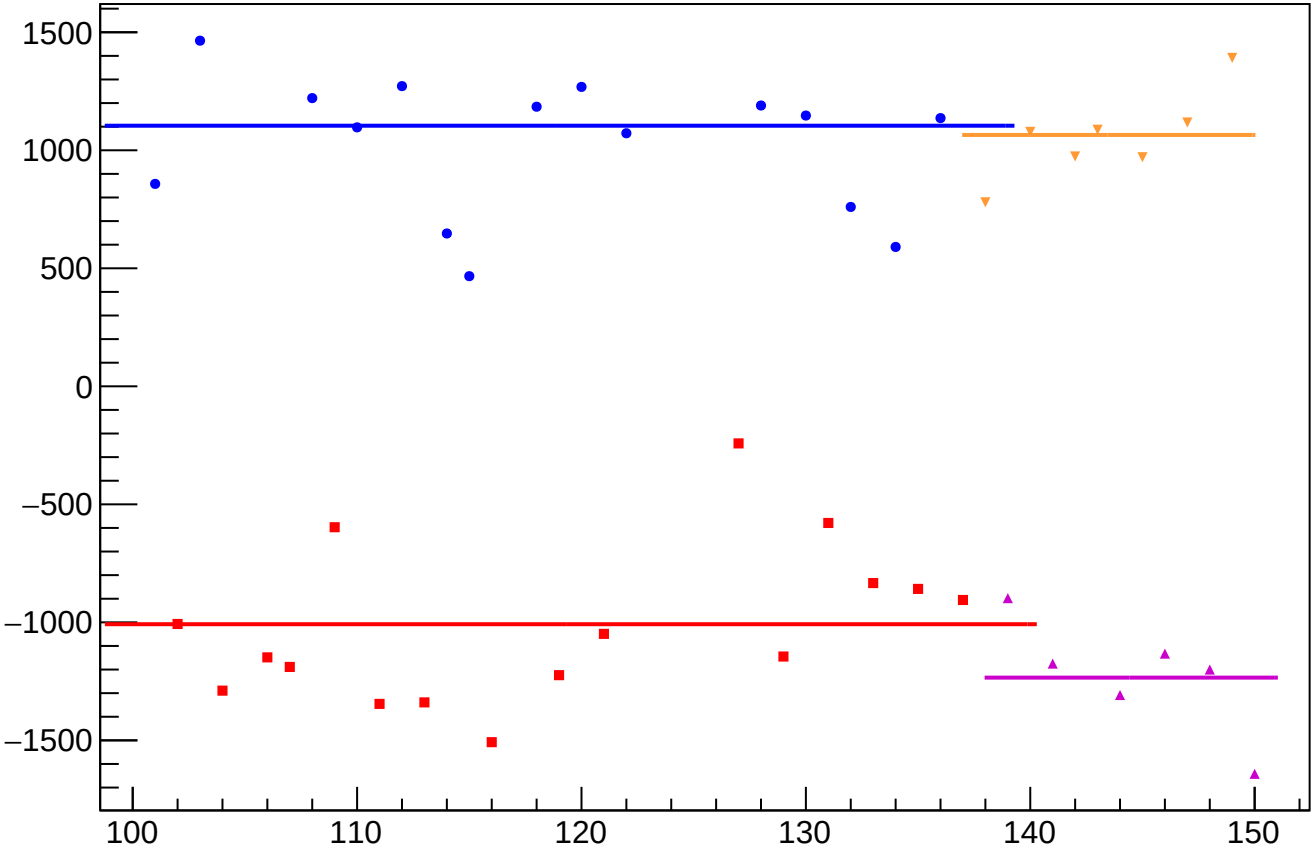
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: -79.789+/-0.000 χ^2/NDF:1852960040324624

Left In: -286.199+/-0.000 χ^2/NDF:2915602077032549482661761594540687360.0/5

All: 1.768+/-0.000 χ^2/NDF: 3920292225362

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

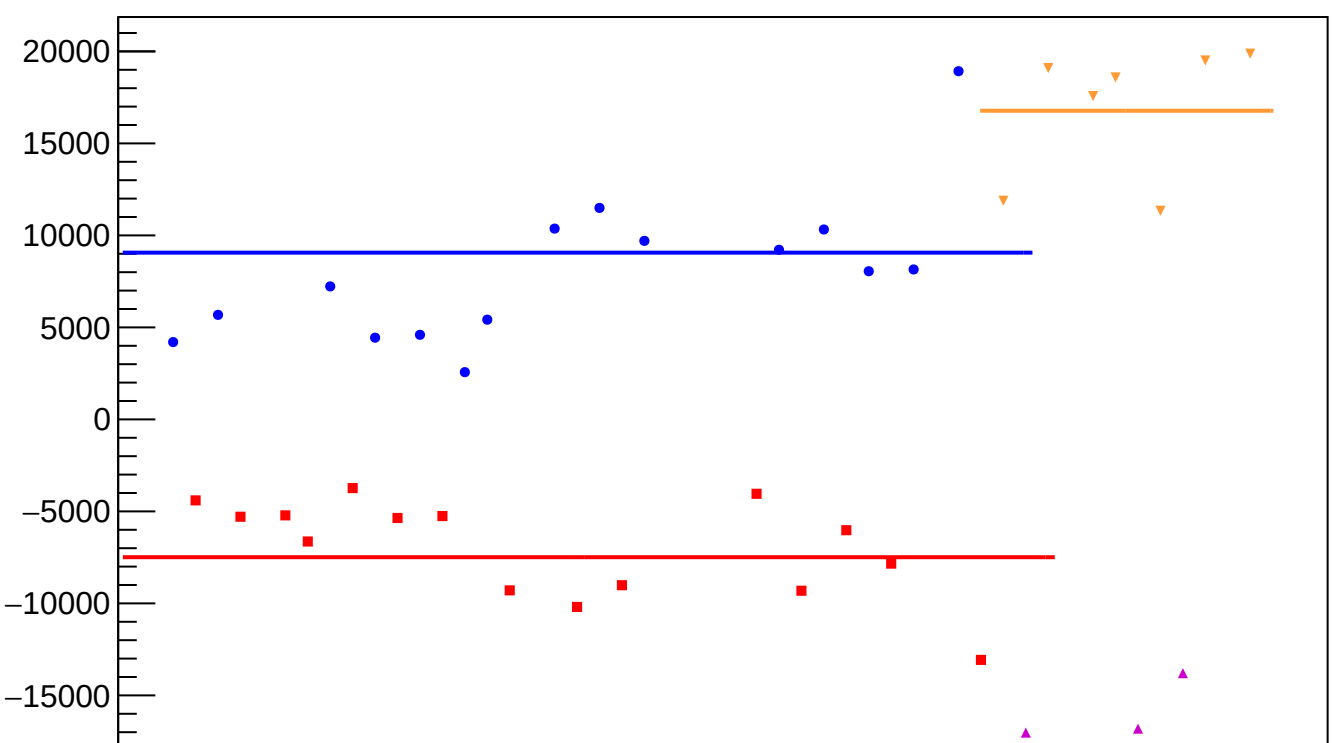
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

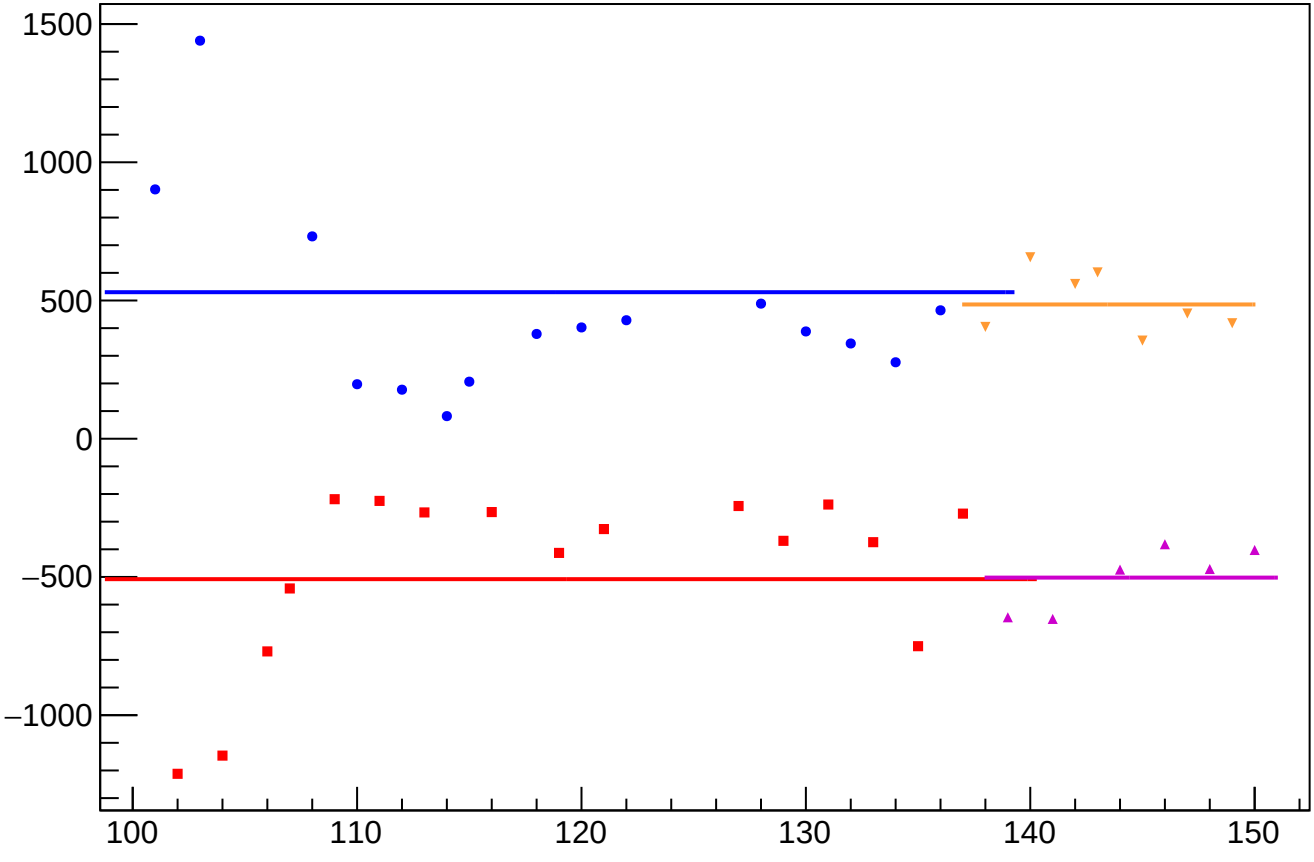
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam4_coil3_mean vs Slug, Sign Corrected



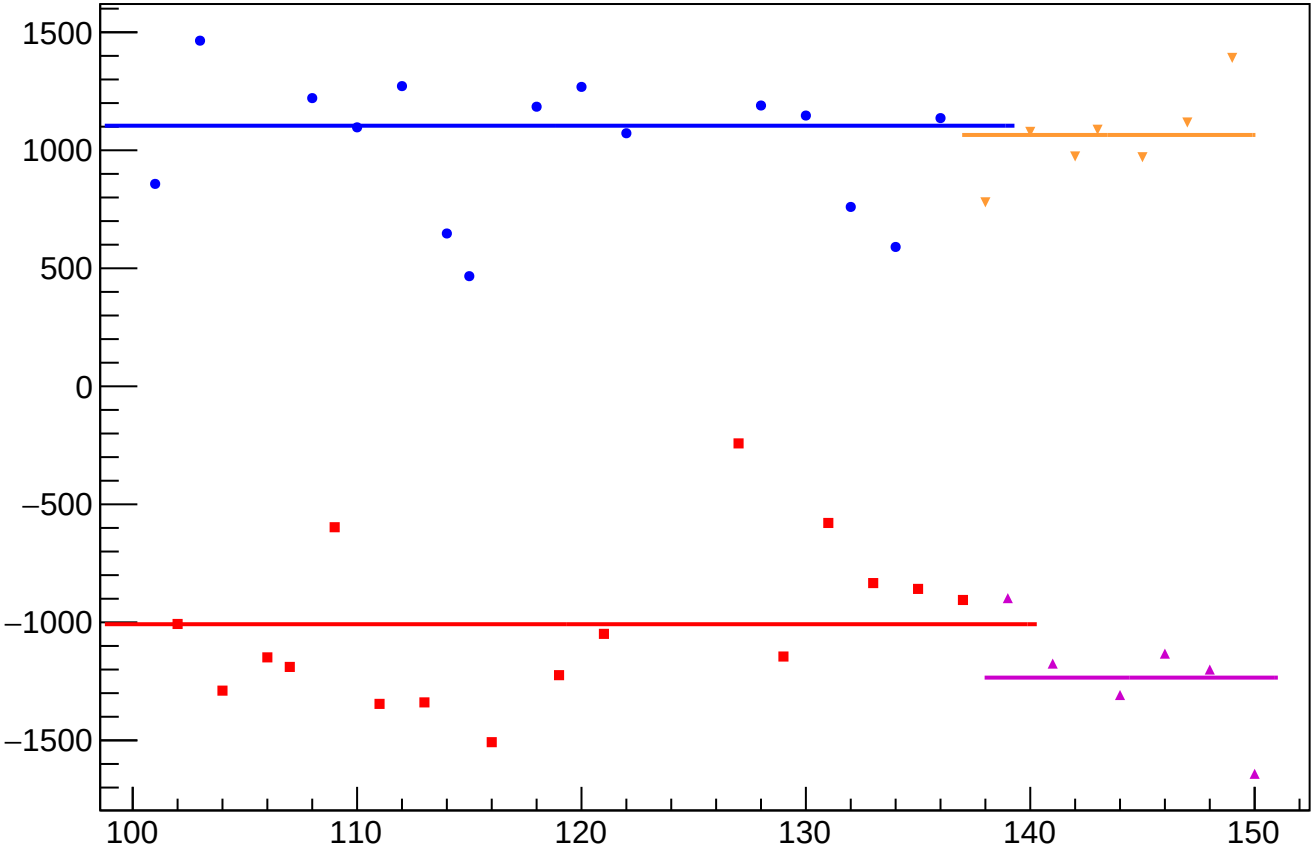
Left: -512.820+/-0.000 χ^2/NDF: 318276273226838
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 16775.831+/-0.000 χ^2/NDF:6341021444494413094683985916388125442048.0/6
In: -2841.930+/-0.000 χ^2/NDF:224528973607677
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 3094.168+/-0.000 χ^2/NDF:187760679403872
Left In: -17902.575+/-0.000 χ^2/NDF:2571123794972134375726891442240051216384.0/5
All: 152.699+/-0.000 χ^2/NDF: 432945838674

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -6.917+/-0.000 χ^2/NDF: 26289205026212002
Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14
Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126
Left Out: 485.674+/-0.000 χ^2/NDF:591040360563631105019584348572300083 2.0/6
In: 74.253+/-0.000 χ^2/NDF:39000874661136610 9
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15
Out: -74.573+/-0.000 χ^2/NDF:3698547032569290
Left In: -502.388+/-0.000 χ^2/NDF:583917893167955817165313076192555827 2.0/5
All: -0.826+/-0.000 χ^2/NDF: 7728473090300

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

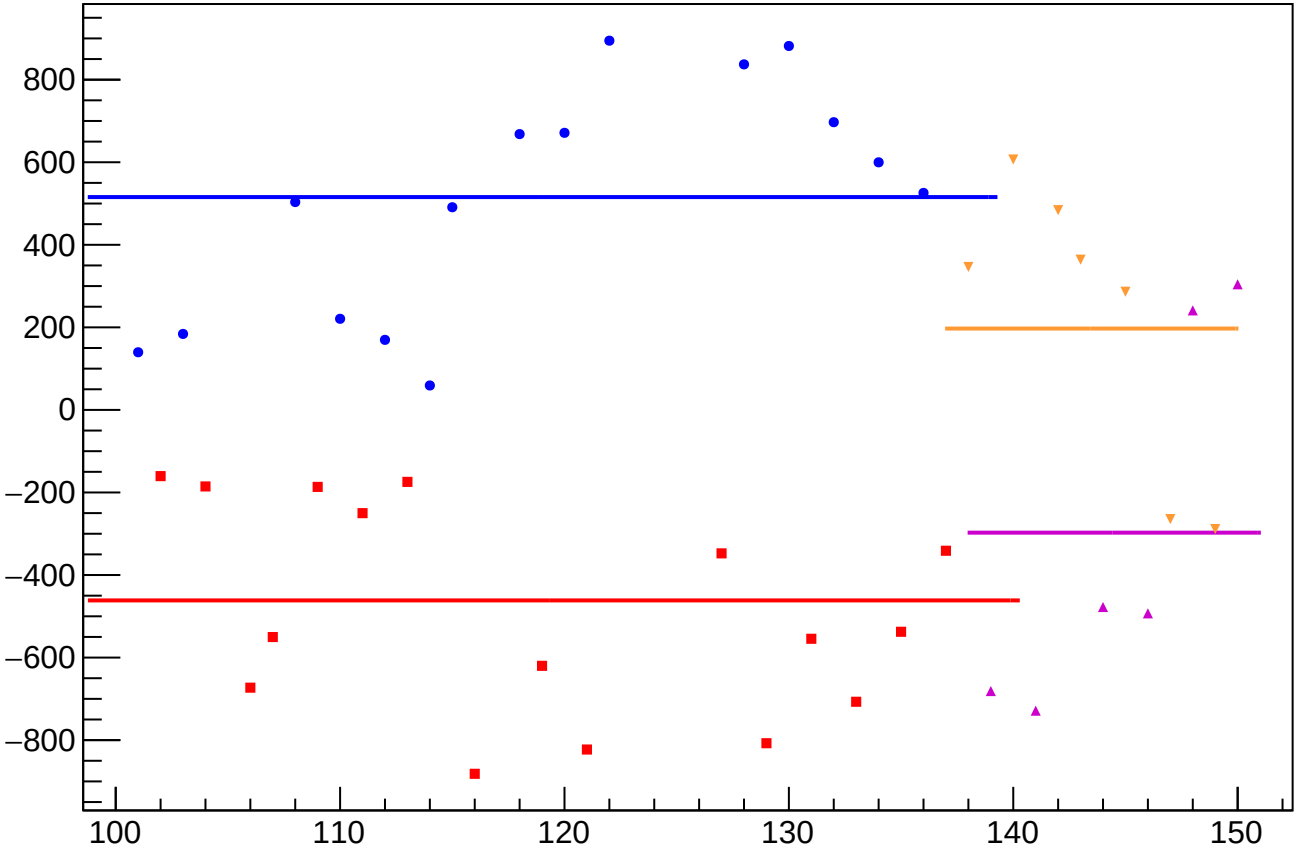
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -49.396+/-0.000 χ^2/NDF: 2122314987228306

Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457

Left Out: 197.133+/-0.000 χ^2/NDF:582278875350861605346686002004303544 32.0/6

In: 156.711+/-0.000 χ^2/NDF:3289466506031190 4

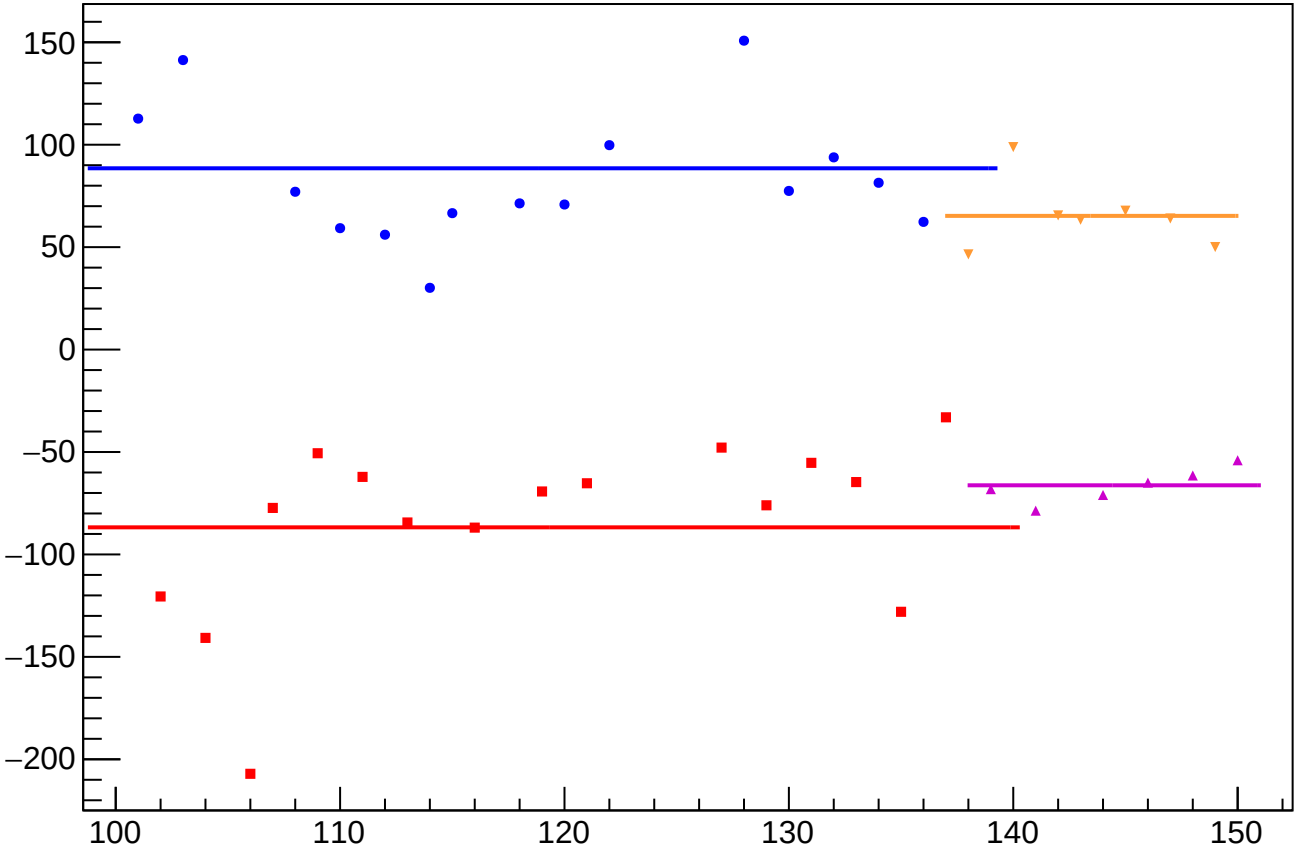
Right Out: -461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

Out: -174.216+/-0.000 χ^2/NDF:224905876731689

Left In: -297.368+/-0.000 χ^2/NDF:910985919373834193744492515832941772 80.0/5

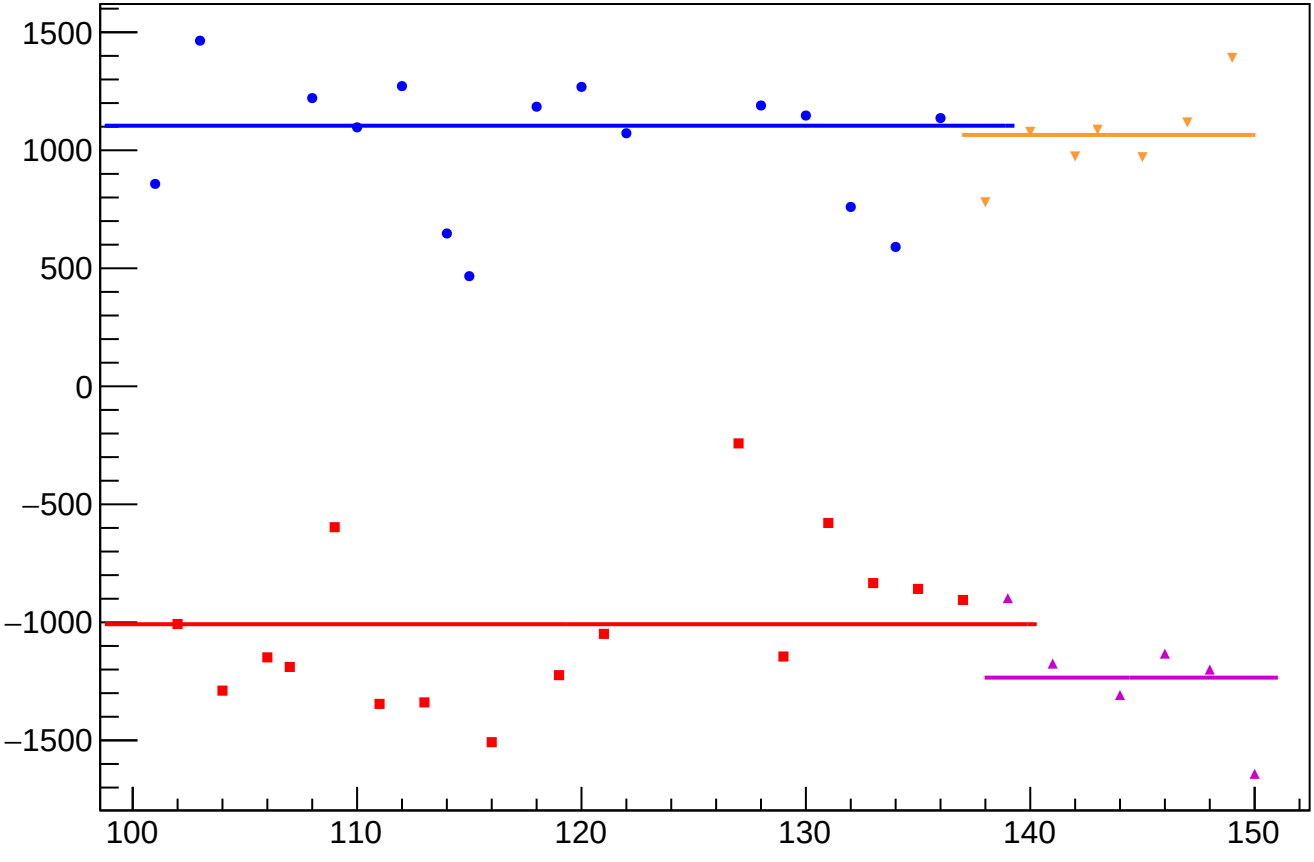
All: -10.235+/-0.000 χ^2/NDF: 618049197288

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: -0.301+/-0.000 χ^2/NDF: 4620667875937063
Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14
Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666
Left Out: 65.265+/-0.000 χ^2/NDF:1402979676254940343687012850388172 80.0/6
In: 20.177+/-0.000 χ^2/NDF:7535067098322307 6
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15
Out: -20.458+/-0.000 χ^2/NDF:7924562154216723
Left In: -66.250+/-0.000 χ^2/NDF:3095867446911565149885258328231 1168.0/5
All: -0.322+/-0.000 χ^2/NDF: 1642754238953

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

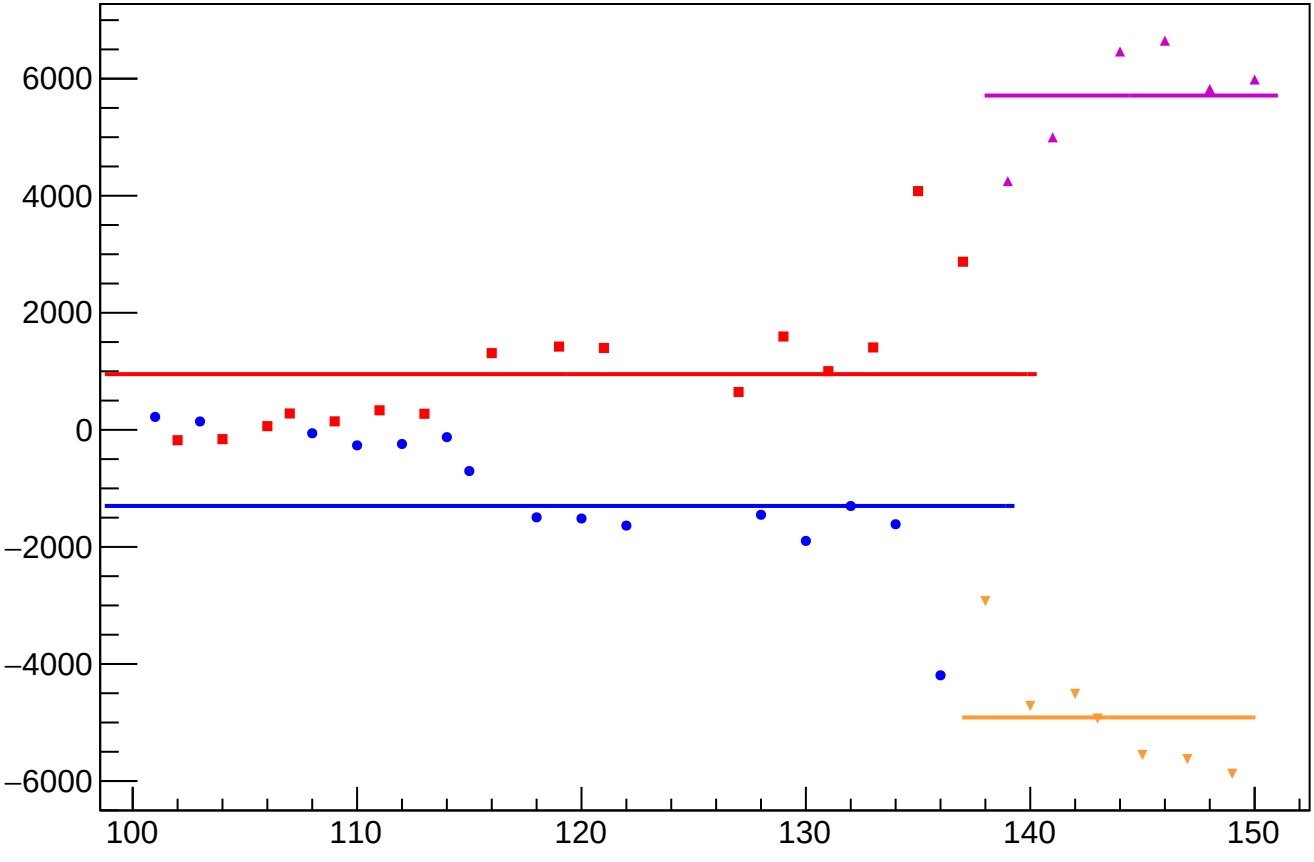
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 383.751+/-0.000 χ^2/NDF: 2986091494793621

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -4913.528+/-0.000 χ^2/NDF:46934586395042117252741661479286079488 0.0/6

In: 1795.717+/-0.000 χ^2/NDF:156347537301437 8

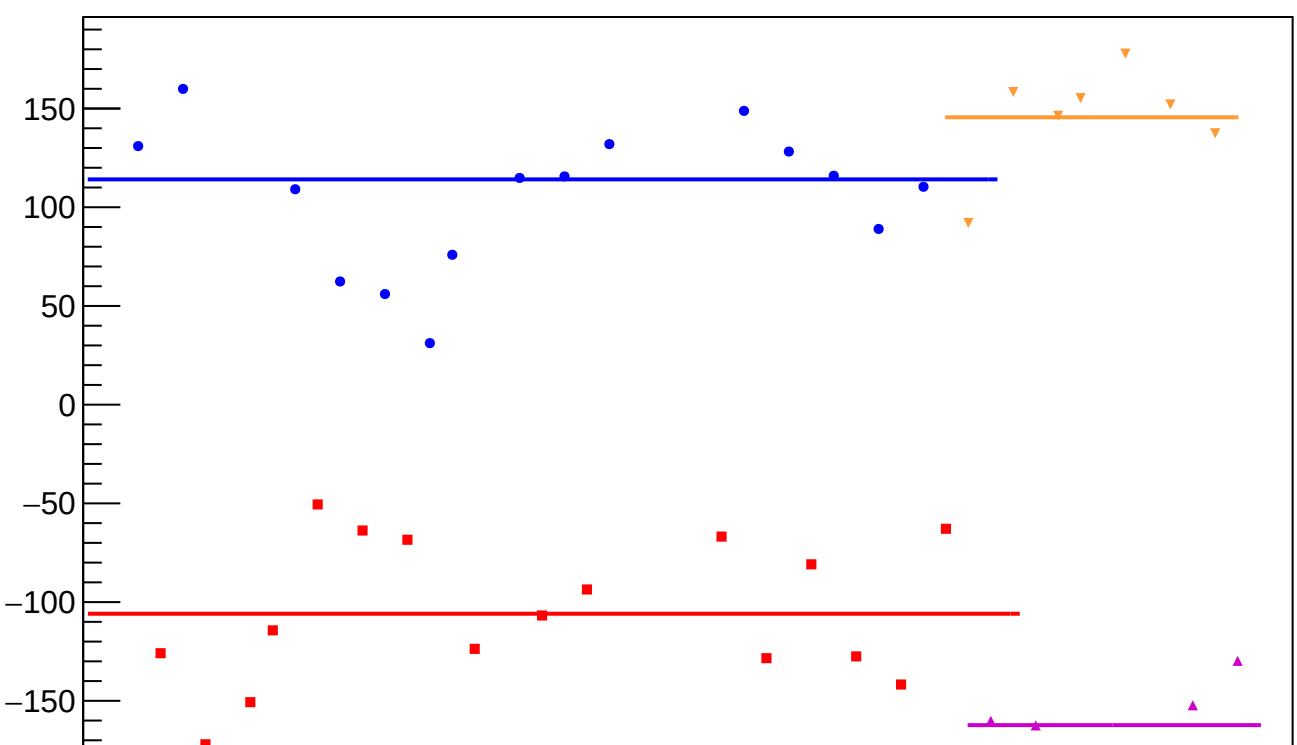
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -1606.476+/-0.000 χ^2/NDF:11319660346955

Left In: 5712.009+/-0.000 χ^2/NDF:34776557990092662489420563094830894 2848.0/5

All: 79.387+/-0.000 χ^2/NDF: 3373966523609

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -7.930+/-0.000 χ^2/NDF: 24928260997672935

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 145.560+/-0.000 χ^2/NDF:33610486832328330378732619613129932 8.0/6

In: -7.923+/-0.000 χ^2/NDF:22710103205859553 2

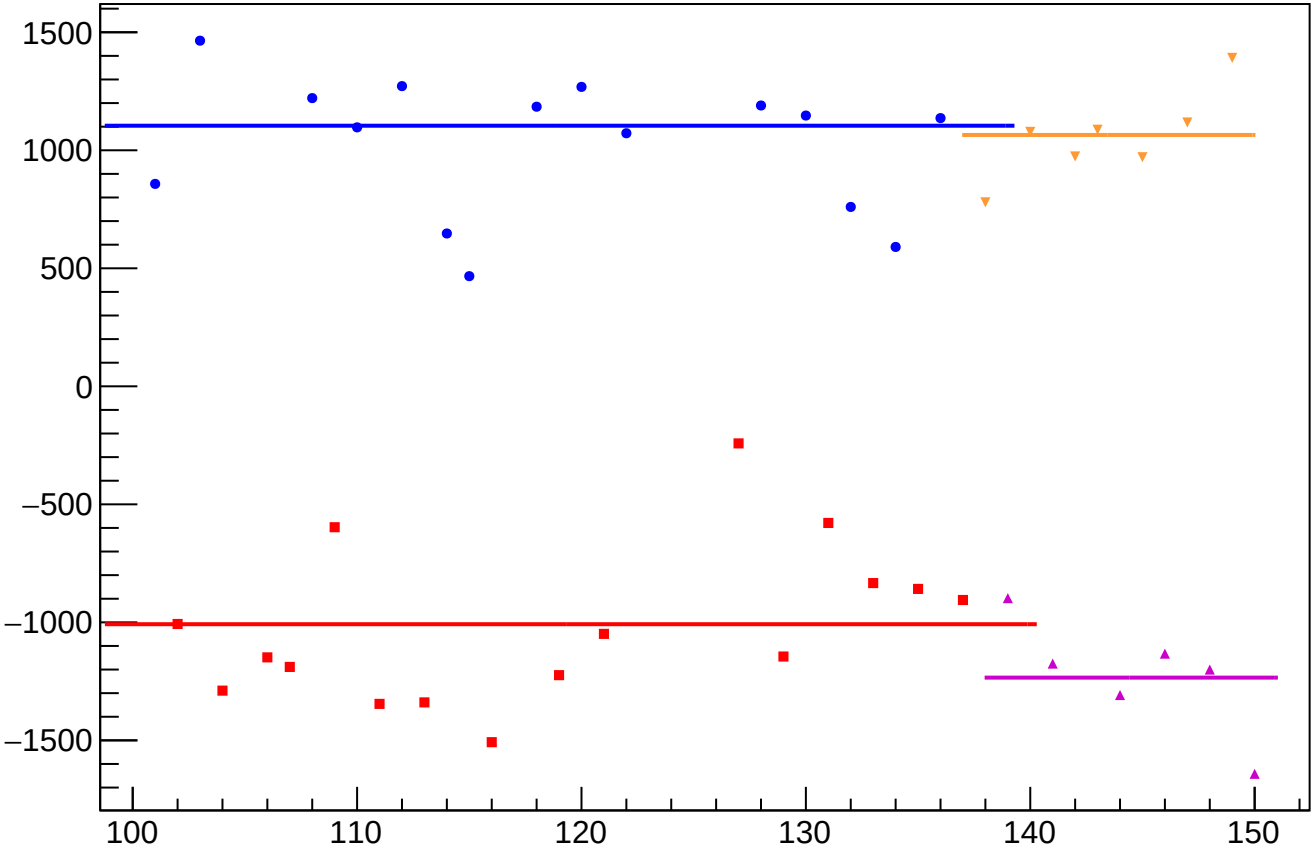
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 3.788+/-0.000 χ^2/NDF:19582698355068357 4

Left In: -162.318+/-0.000 χ^2/NDF:207869064354807737428845777590943744.0/5

All: -2.015+/-0.000 χ^2/NDF: 4237319460014

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

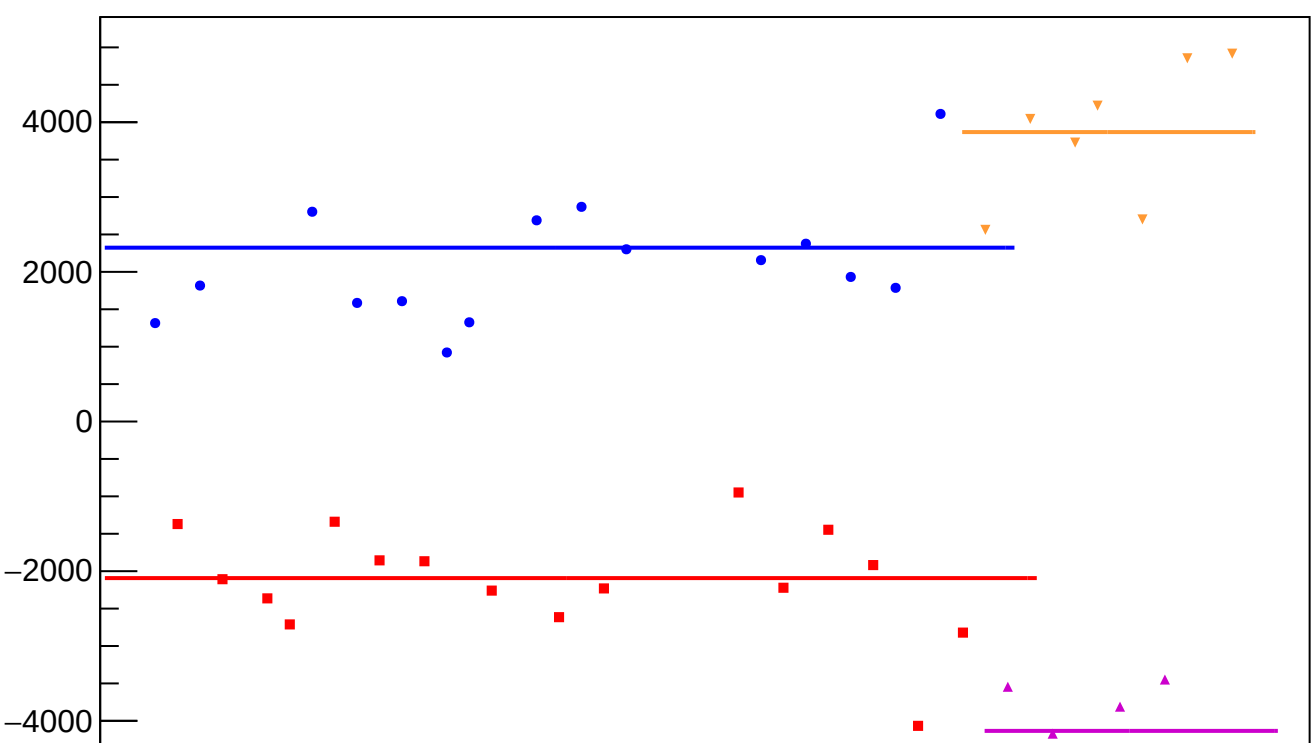
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:2603600055997945051553489481314284339 2.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372+/-0.000 χ^2/NDF: 4763711898883493759647256207577285918 72.0/14

Left Out: 3868.215+/-0.000 χ^2/NDF:4233909637221074546548946024412143943 68.0/6

Right Out: -2092.458+/-0.000 χ^2/NDF: 3671260808721661226636840224733391749 12.0/15

Left In: -4134.308+/-0.000 χ^2/NDF:1740143819160157835938259187644267233 28.0/5

Left: -121.381+/-0.000 χ^2/NDF: 170716532587091

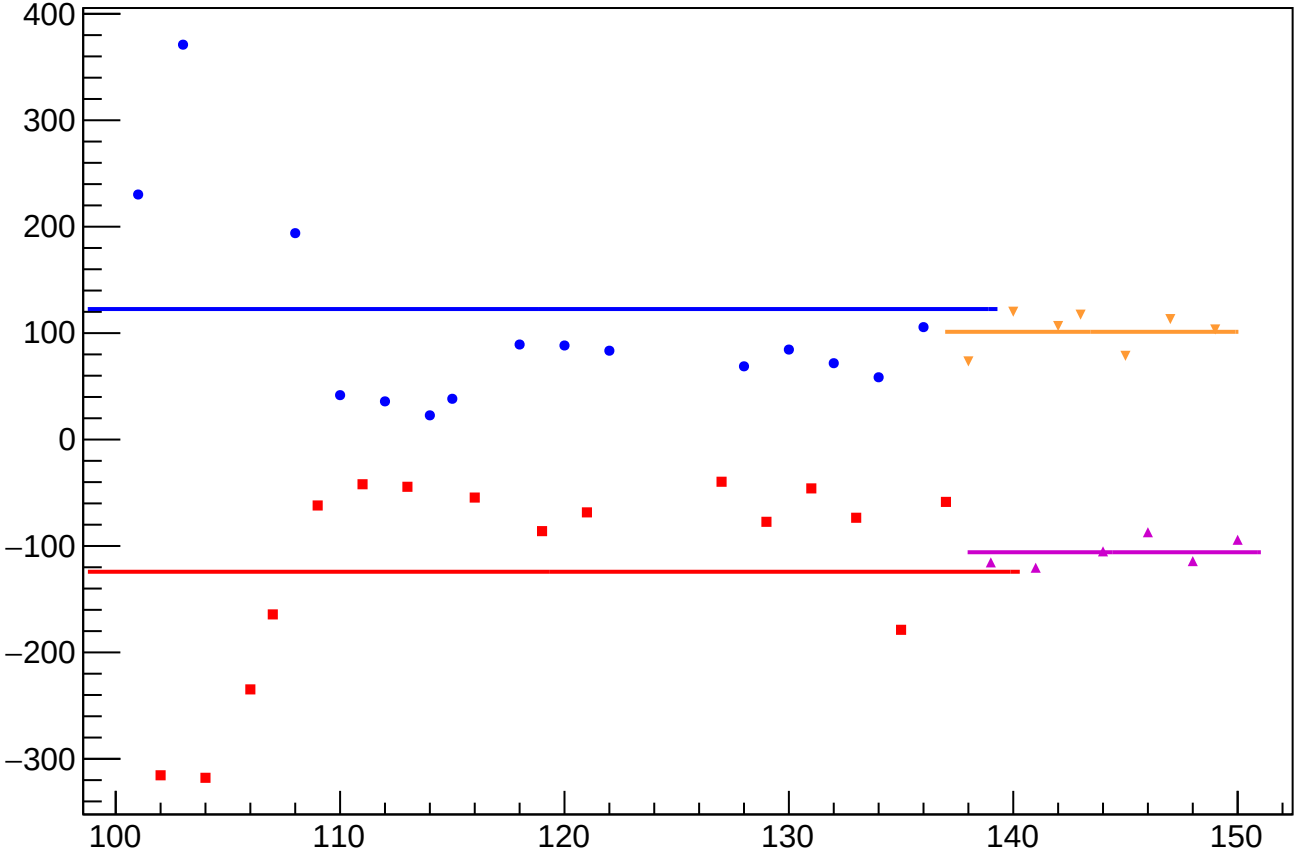
Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

In: -527.566+/-0.000 χ^2/NDF:1259876450872946

Out: 507.464+/-0.000 χ^2/NDF:111272057586012 0

All: -5.417+/-0.000 χ^2/NDF: 2435396154484

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.022+/-0.000 χ^2/NDF: 1127035013771963

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.239+/-0.000 χ^2/NDF:1611040608562179896810791973347655 68.0/6

In: 21.740+/-0.000 χ^2/NDF:20971646548995349

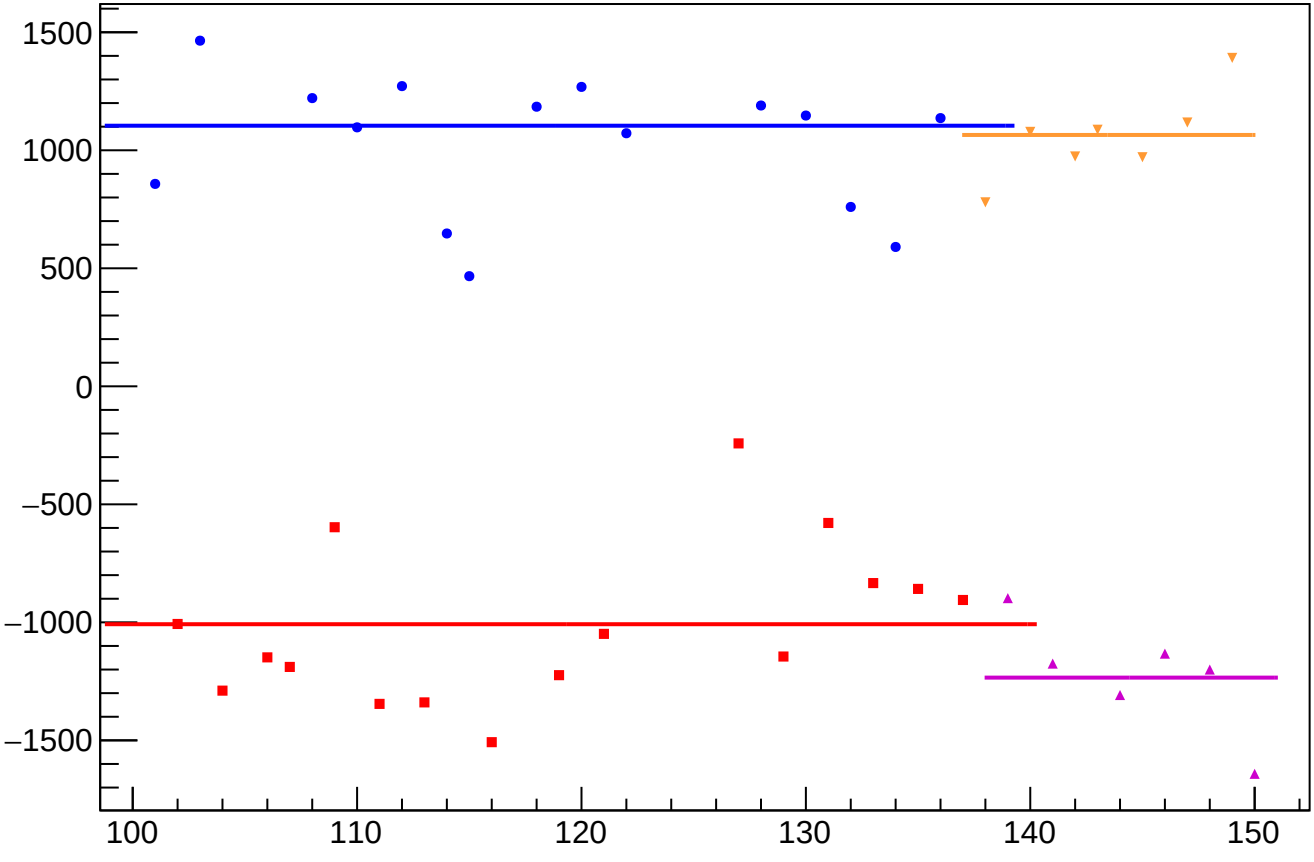
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: -25.878+/-0.000 χ^2/NDF:2149877446450395

Left In: -105.887+/-0.000 χ^2/NDF:7302767667400771372878841797987 5328.0/5

All: -2.282+/-0.000 χ^2/NDF: 4379958736570

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

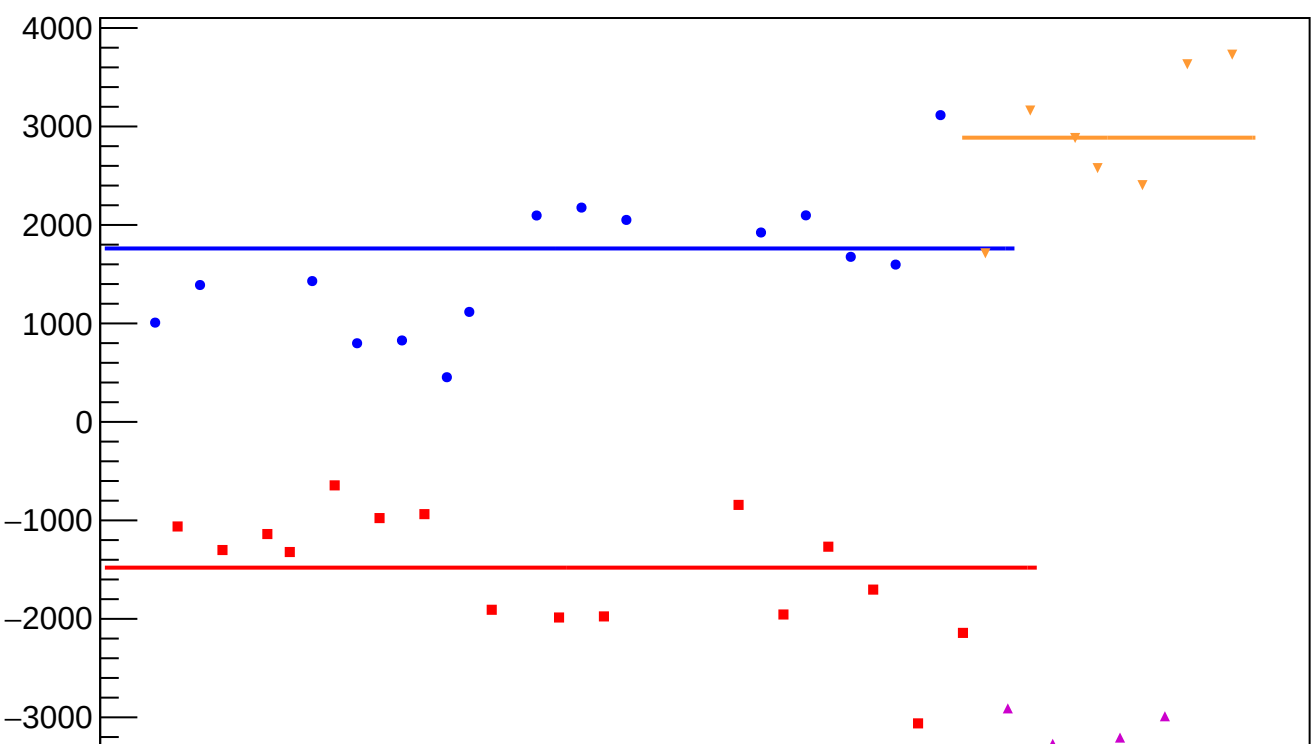
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

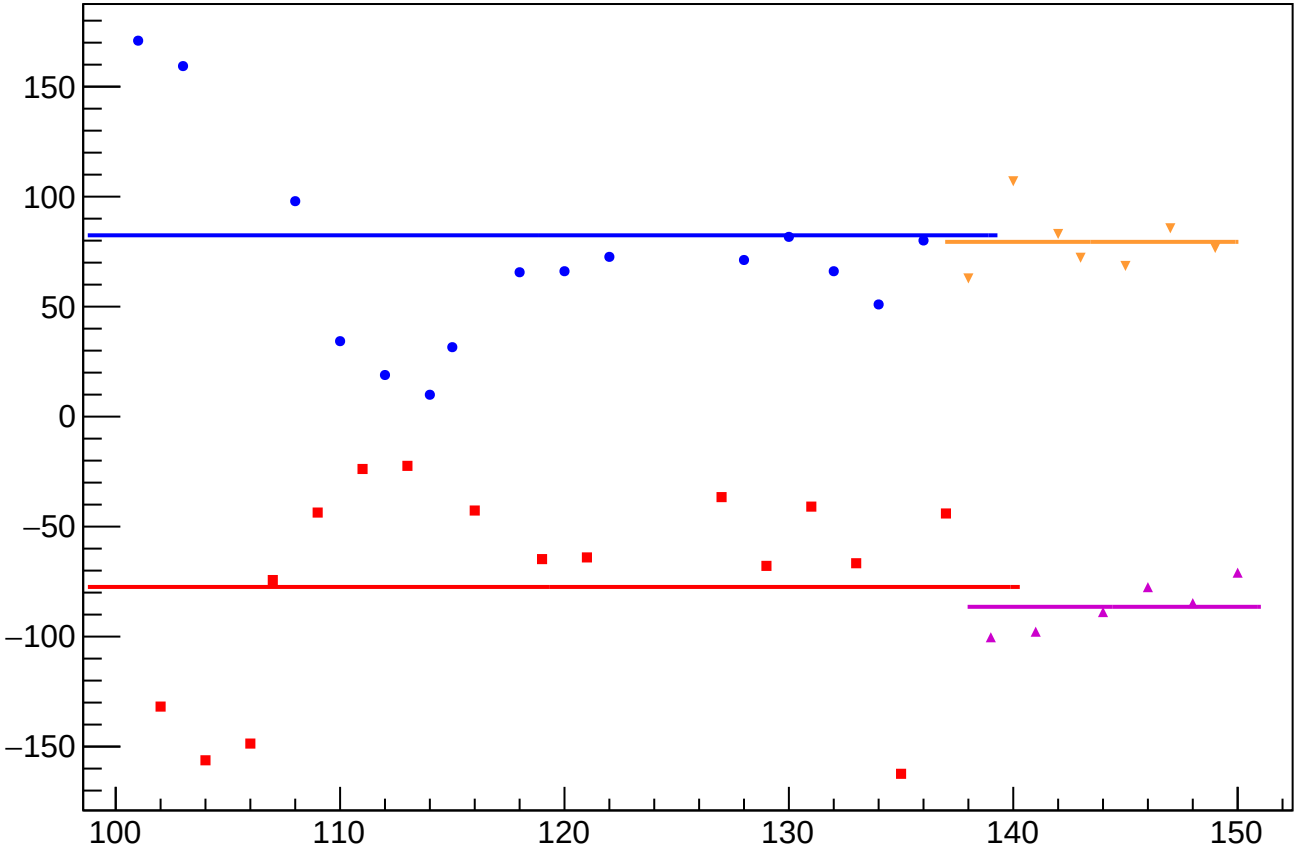
All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -200.392+/-0.000 χ^2/NDF: 101537472876738
Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14
Right: 118.557+/-0.000 χ^2/NDF: 405096794129398
Left Out: 2886.323+/-0.000 χ^2/NDF:242024127101778125302725729326714585088.0/6
In: -475.472+/-0.000 χ^2/NDF:7737017276116278
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15
Out: 424.612+/-0.000 χ^2/NDF:605153038716776
Left In: -3305.158+/-0.000 χ^2/NDF:502721697283299963447412673963349770 24.0/5
All: -21.400+/-0.000 χ^2/NDF: 142634602085

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -3.263+/-0.000 χ^2/NDF: 72376516727633851

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 79.449+/-0.000 χ^2/NDF:1011691663361837658806546399127142 40.0/6

In: 7.865+/-0.000 χ^2/NDF:949106553360564003 7

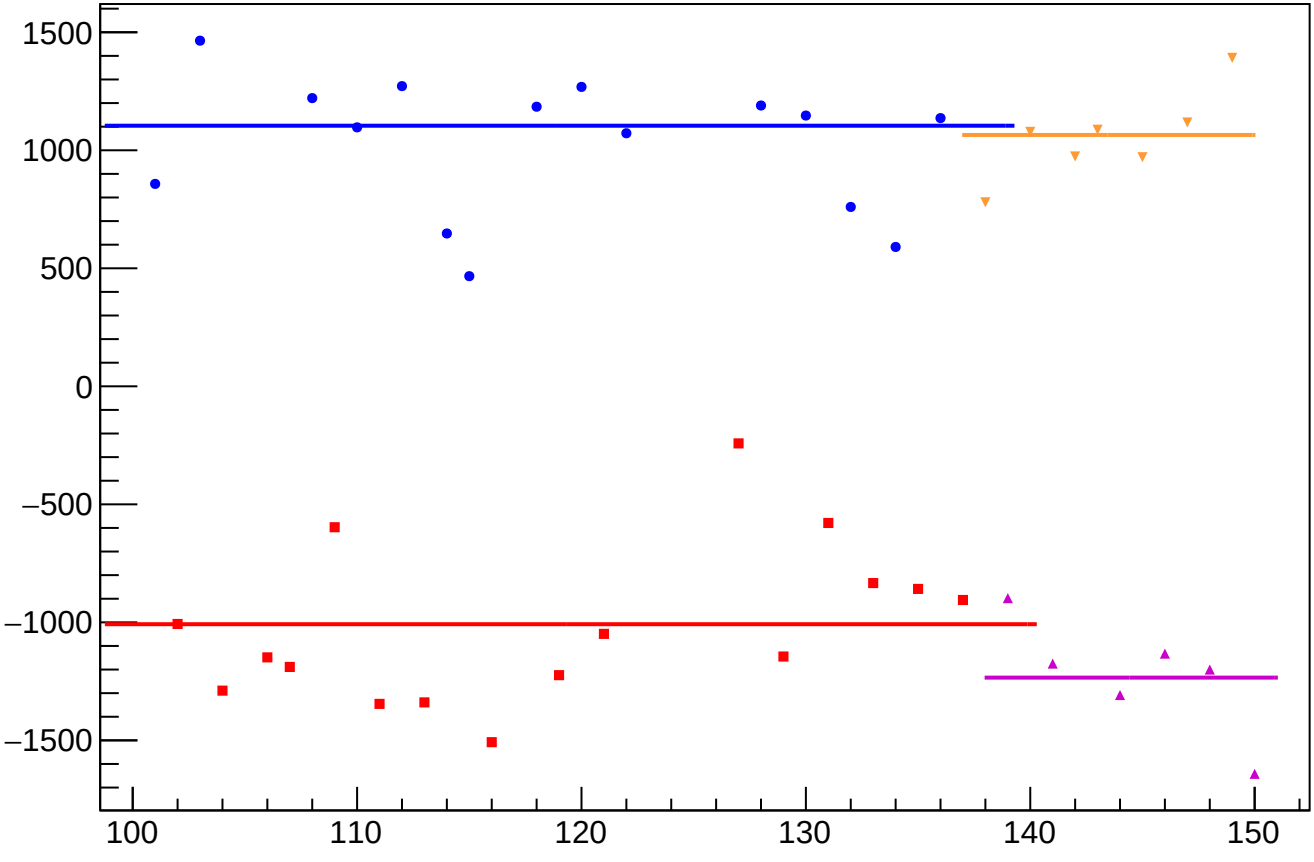
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: -9.003+/-0.000 χ^2/NDF:87767276813142702

Left In: -86.458+/-0.000 χ^2/NDF:5568469428144721888641256508725 6576.0/5

All: -0.645+/-0.000 χ^2/NDF: 1843457364191

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -81.268+/-0.000 χ^2/NDF: 1402529576144331

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1064.948+/-0.000 χ^2/NDF:1667626523580622430751940759794378342 4.0/6

In: 71.799+/-0.000 χ^2/NDF:162536502498194814

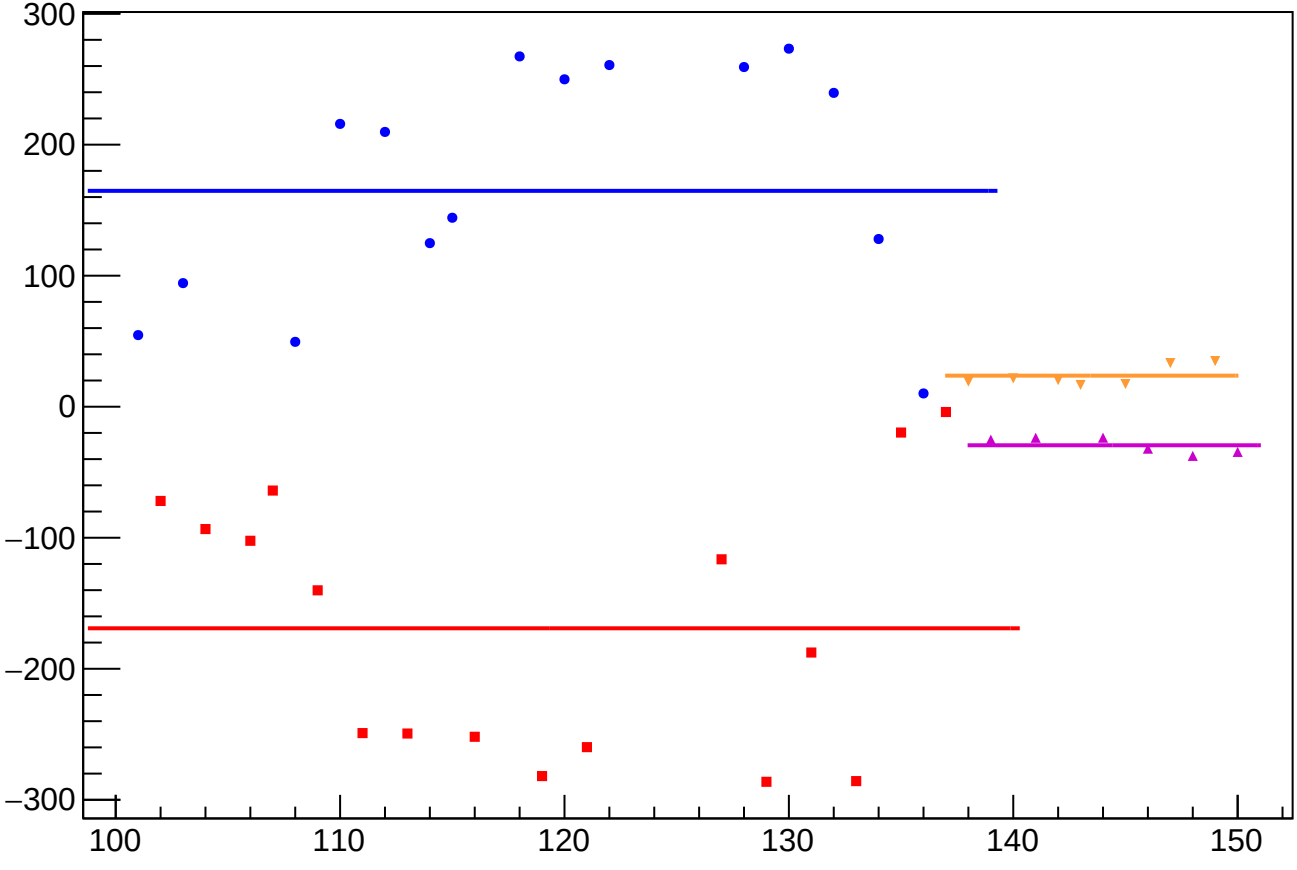
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -103.770+/-0.000 χ^2/NDF:133580560606968

Left In: -1234.187+/-0.000 χ^2/NDF:260360005599794505155348948131428433 92.0/5

All: -16.772+/-0.000 χ^2/NDF: 297923996765

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -2.781+/-0.000 χ^2/NDF: 76888505657015888

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 23.712+/-0.000 χ^2/NDF:2676673025200316955163878484659404 8.0/6

In: 79.025+/-0.000 χ^2/NDF:171890481450510817

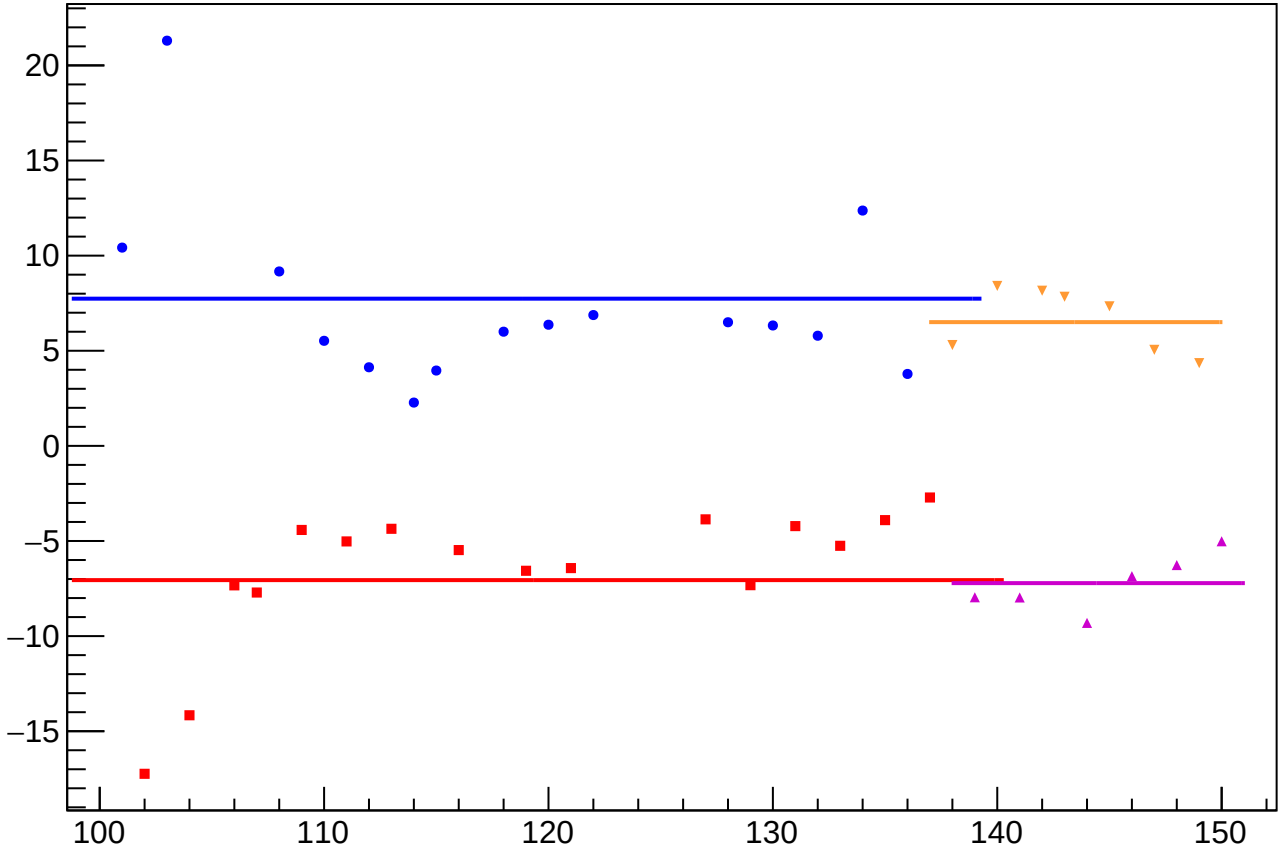
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -85.004+/-0.000 χ^2/NDF:1688413656496310

Left In: -29.429+/-0.000 χ^2/NDF:156695768225405482526889370986741 76.0/5

All: -3.724+/-0.000 χ^2/NDF: 4984519722134

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.335+/-0.000 χ^2/NDF: 50699339822400222

Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 6.505+/-0.000 χ^2/NDF:1266219143019332610356546113634304.0/6

In: 1.137+/-0.000 χ^2/NDF:802025886142718293 7

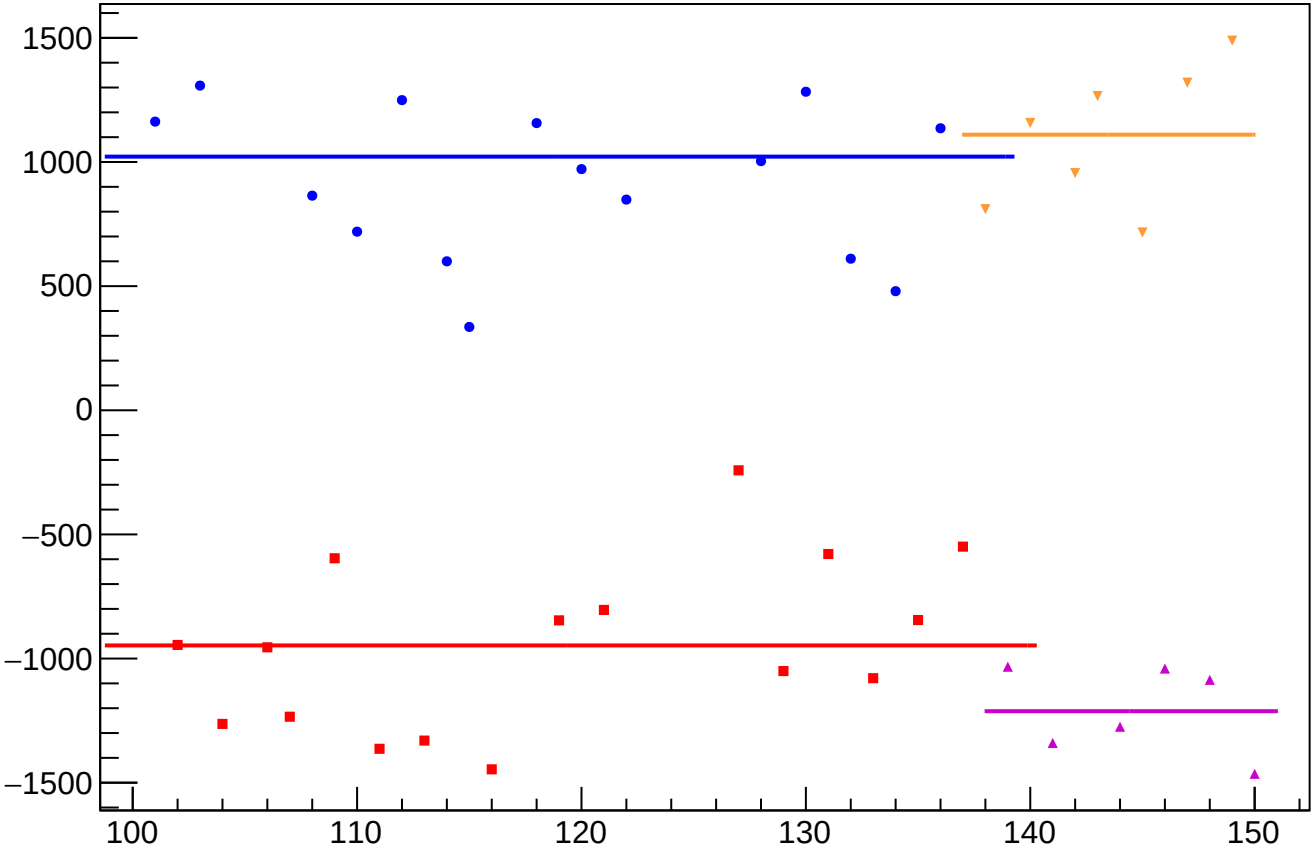
Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Out: -1.141+/-0.000 χ^2/NDF:66069064077470909

Left In: -7.215+/-0.000 χ^2/NDF:1009321353040850065056192895385600.0/5

All: -0.013+/-0.000 χ^2/NDF: 1493142889410

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

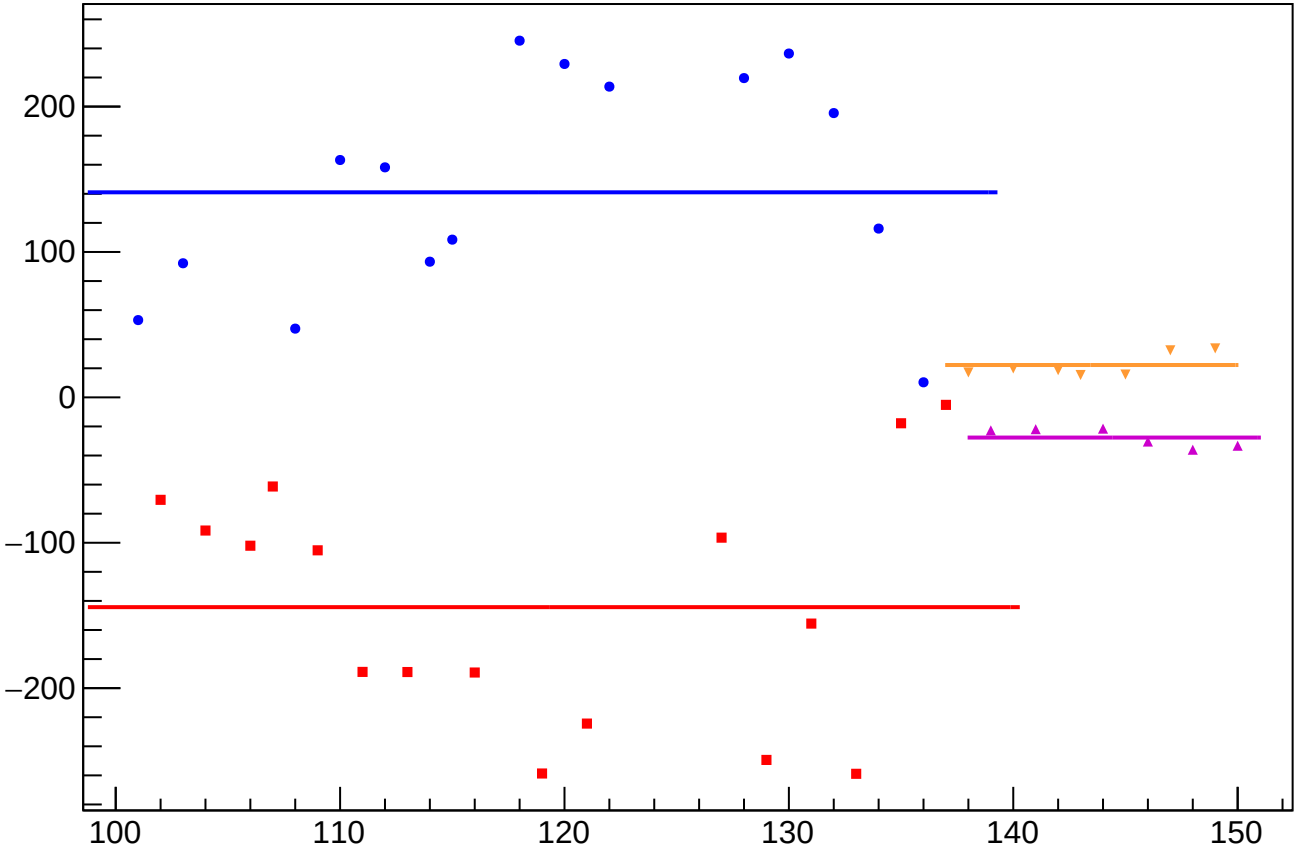
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -2.624+/-0.000 χ^2/NDF: 68675513818702637

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 22.254+/-0.000 χ^2/NDF:2865189385335466611801385227780096 0.0/6

In: 66.563+/-0.000 χ^2/NDF:126777900499740911

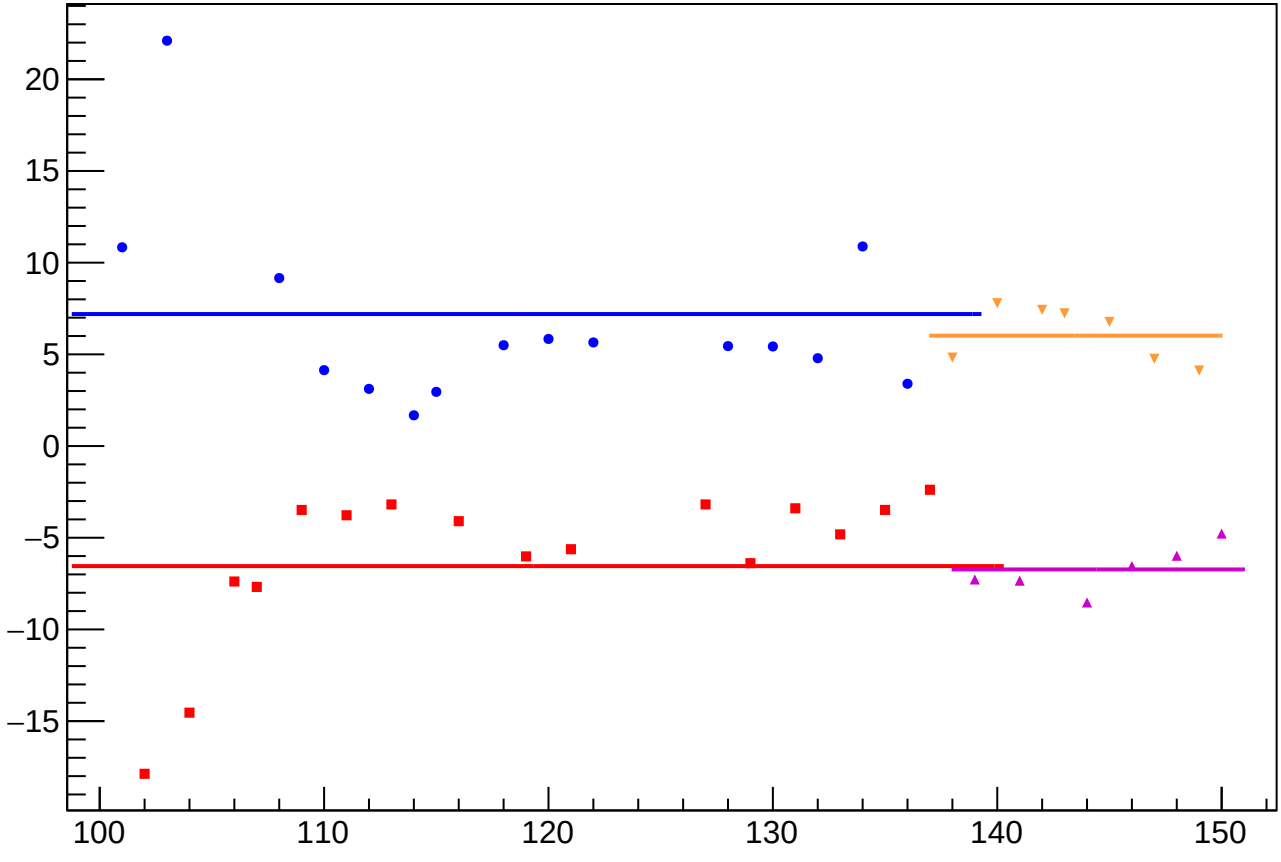
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -71.643+/-0.000 χ^2/NDF:1236588121783273

Left In: -27.648+/-0.000 χ^2/NDF:1750084691348215748143582194905 9072.0/5

All: -3.159+/-0.000 χ^2/NDF: 3624066599259

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.336+/-0.000 χ^2/NDF: 43583520533018870

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

Left Out: 6.020+/-0.000 χ^2/NDF:10312794845184199361808572780380 16.0/6

In: 1.050+/-0.000 χ^2/NDF:745232857479827612 1

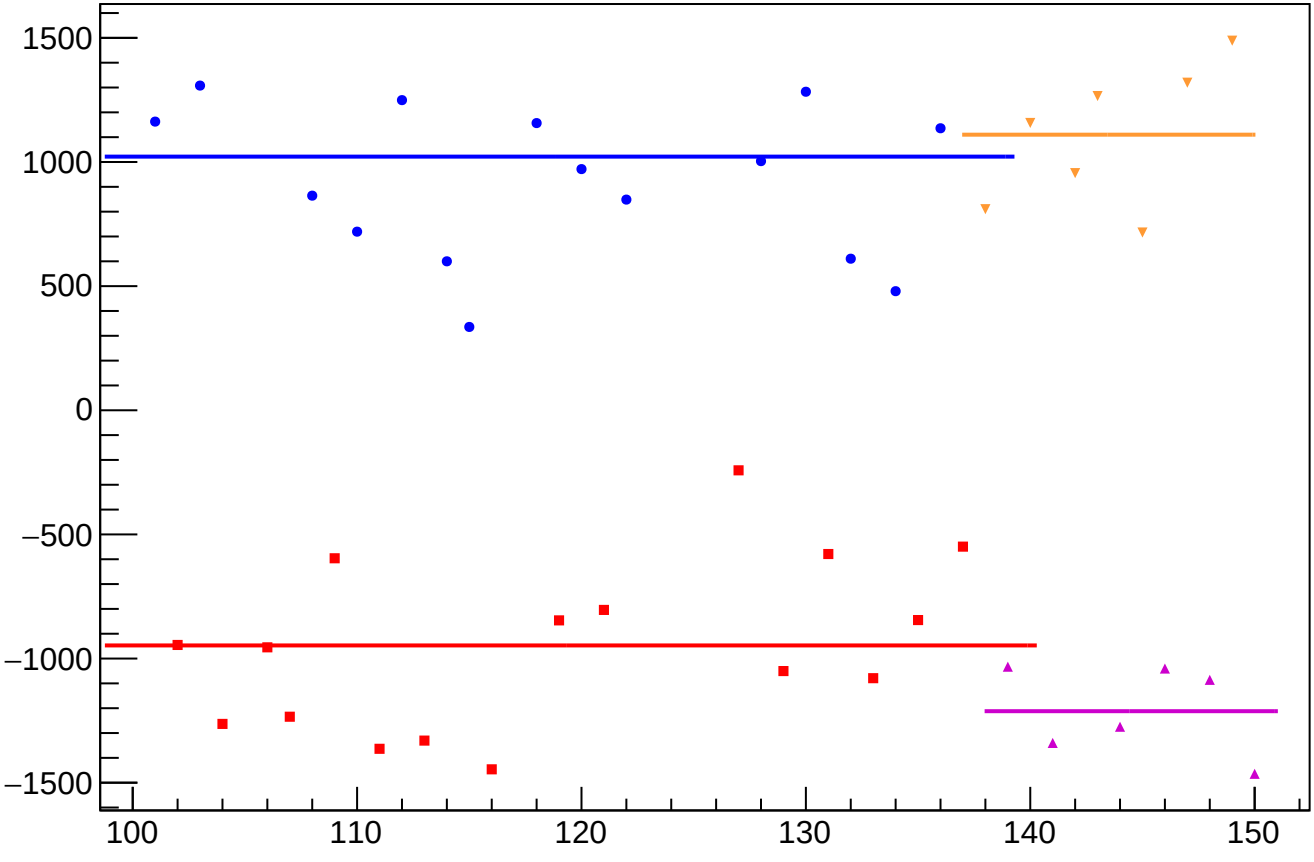
Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Out: -1.065+/-0.000 χ^2/NDF:6105493140183501 6

Left In: -6.728+/-0.000 χ^2/NDF:74270844467942685917563287555276 8.0/5

All: -0.017+/-0.000 χ^2/NDF: 1382001703241

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

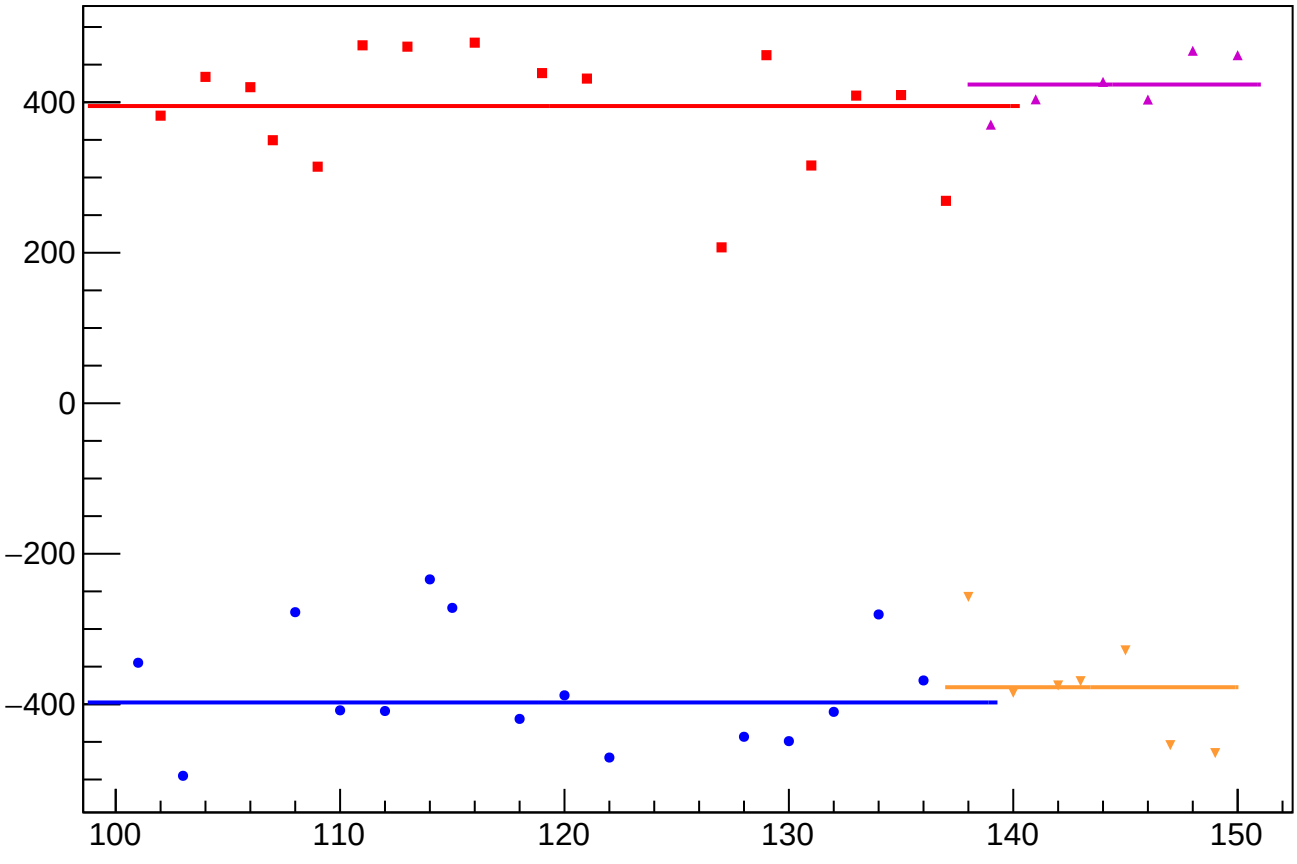
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 21.937+/-0.000 χ^2/NDF: 1680570785052265

Right In: -397.613+/-0.000 χ^2/NDF: 2661280785384633207096106229474263040.0/14

Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728

Left Out: -377.359+/-0.000 χ^2/NDF:2432051457965350537430515404364578816.0/6

In: -35.078+/-0.000 χ^2/NDF:1964777535140294

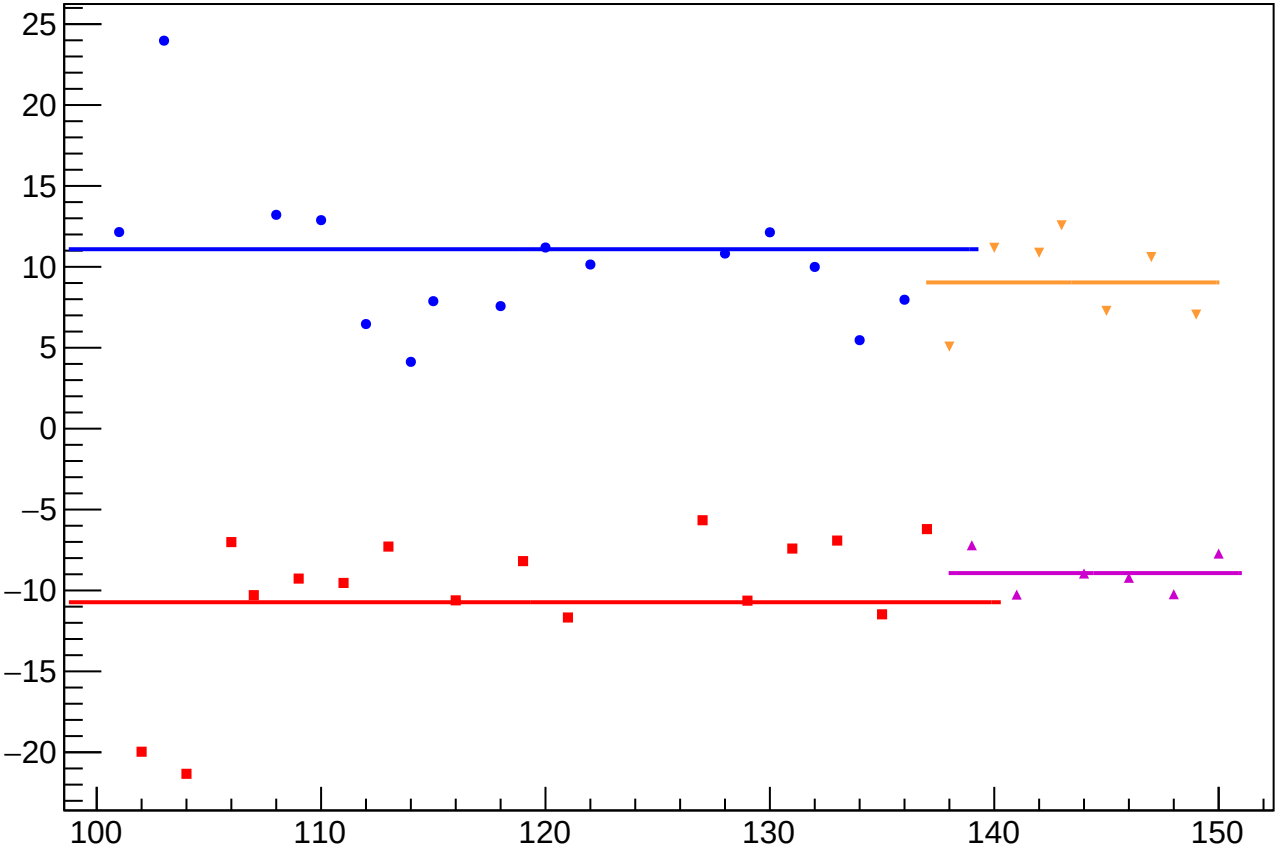
Right Out: 394.973+/-0.000 χ^2/NDF: 3685595513427183501596165280874102784.0/15

Out: 58.098+/-0.000 χ^2/NDF:1796572342700849

Left In: 423.568+/-0.000 χ^2/NDF:6047492369210336206670268445690429 44.0/5

All: 11.927+/-0.000 χ^2/NDF: 3812242259741

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.081+/-0.000 χ^2/NDF: 87045300242490974

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 9.037+/-0.000 χ^2/NDF:3366292411078262886246887486128128.0/6

In: 2.252+/-0.000 χ^2/NDF:1296921864372712476

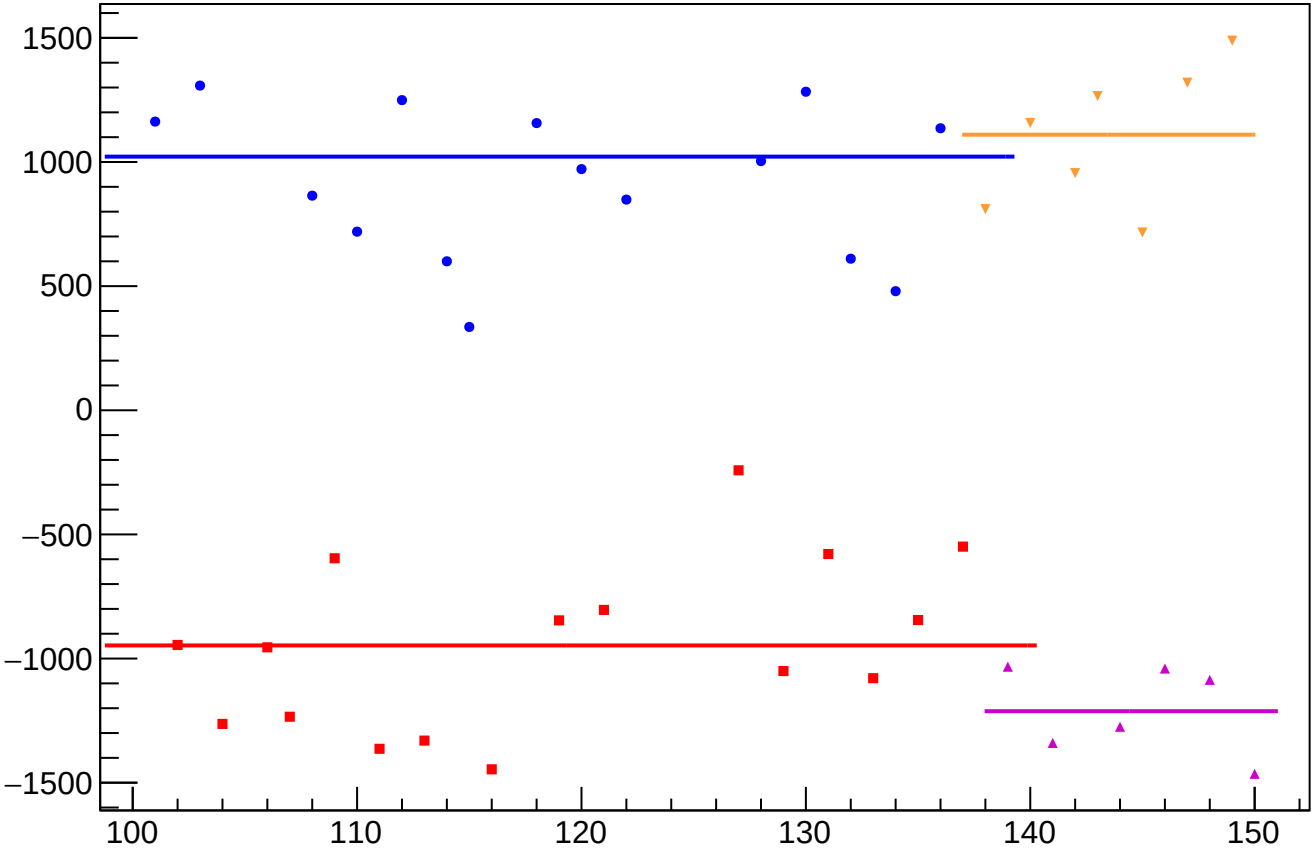
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443731264.0/15

Out: -2.107+/-0.000 χ^2/NDF:1317789320912889 3

Left In: -8.926+/-0.000 χ^2/NDF:6723748739909124150068661463285 76.0/5

All: 0.053+/-0.000 χ^2/NDF: 2726114273155 5

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

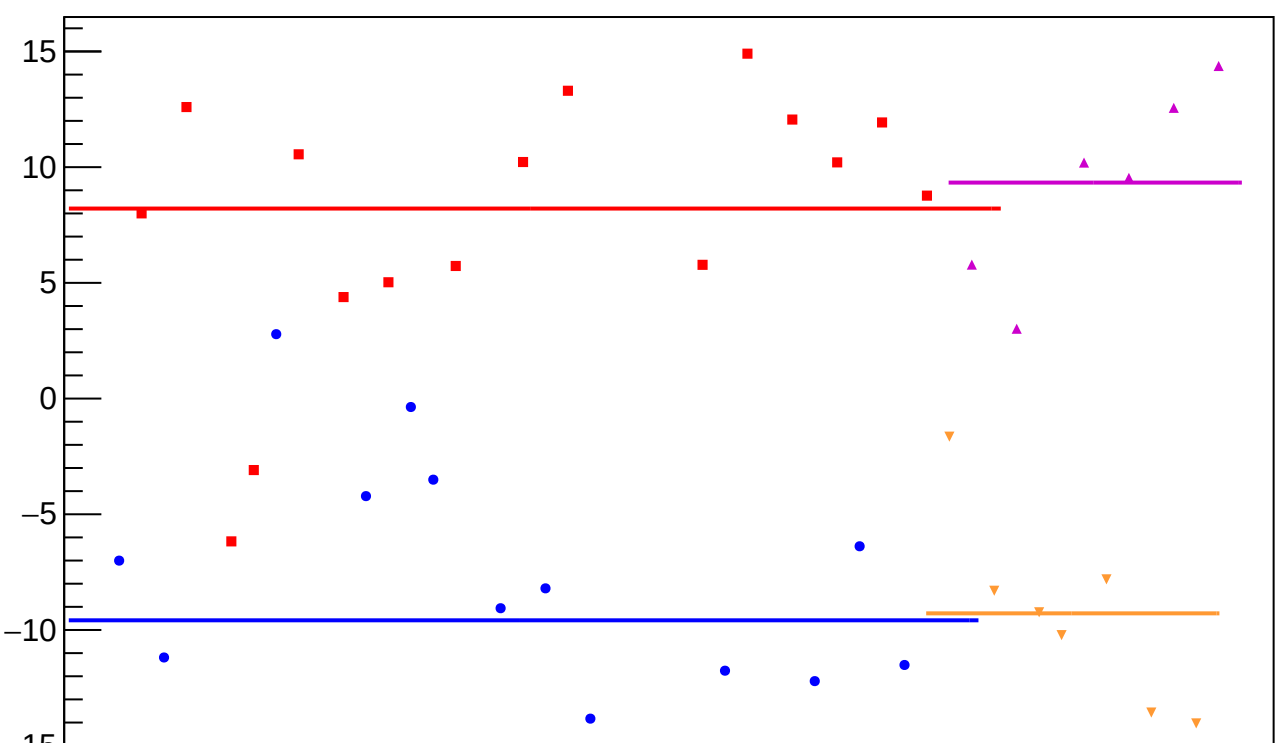
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 10499308852779581

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -9.281+/-0.000 χ^2/NDF:819280092498532420757709420861849 6.0/6

In: -1.231+/-0.000 χ^2/NDF:12488012961836617 9

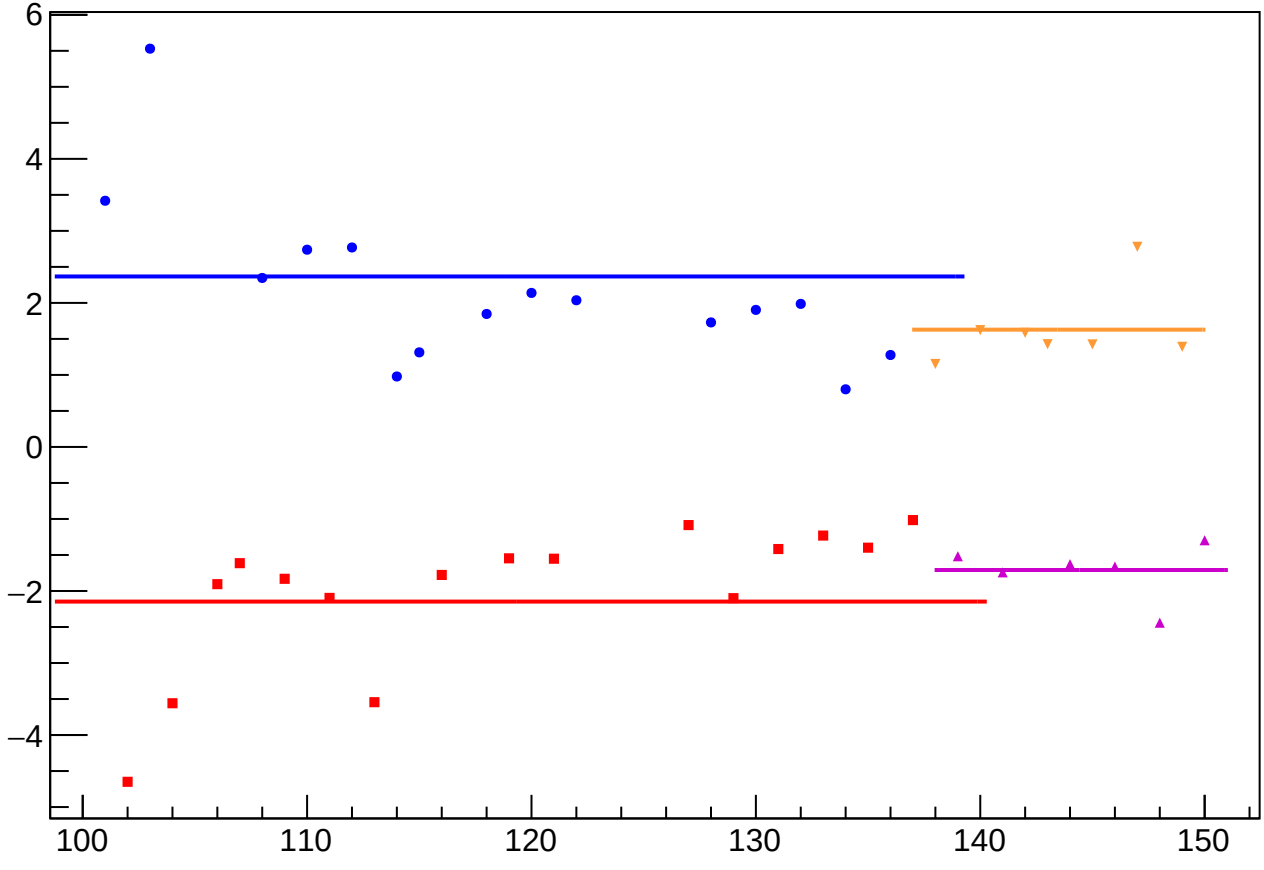
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: 0.581+/-0.000 χ^2/NDF:11551878151971420 2

Left In: 9.333+/-0.000 χ^2/NDF:7664359767741614844259060273905664.0/5

All: -0.317+/-0.000 χ^2/NDF: 2423251474116

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.035+/-0.000 χ^2/NDF: 30610450394062647

Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Right: 0.079+/-0.000 χ^2/NDF: 83877353838823588

Left Out: 1.628+/-0.000 χ^2/NDF:1319097786981412656246832999956 48.0/6

In: 0.568+/-0.000 χ^2/NDF:5744284593342934992

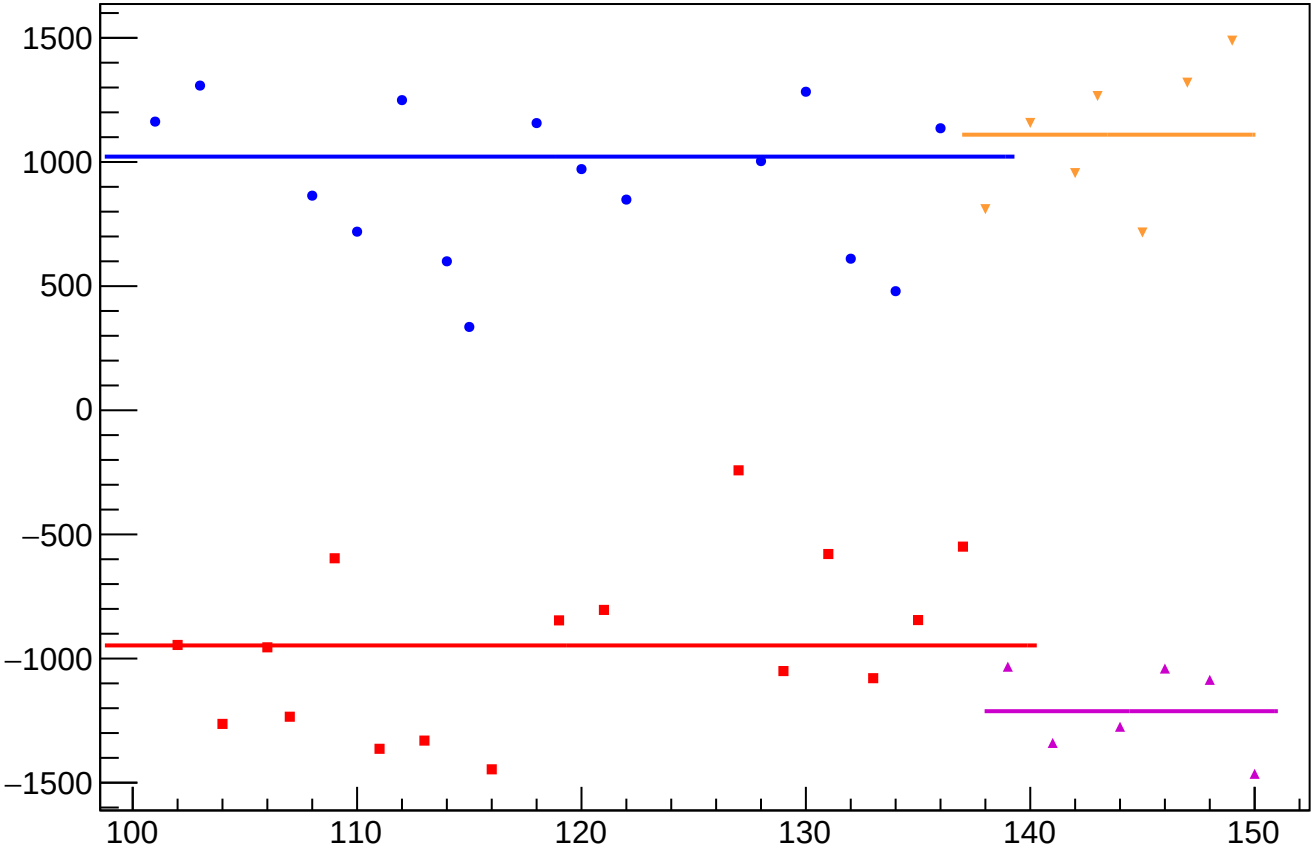
Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Out: -0.500+/-0.000 χ^2/NDF:50434316764774519

Left In: -1.709+/-0.000 χ^2/NDF:6430763015457780166674126523596 8.0/5

All: 0.029+/-0.000 χ^2/NDF: 11456320161711

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

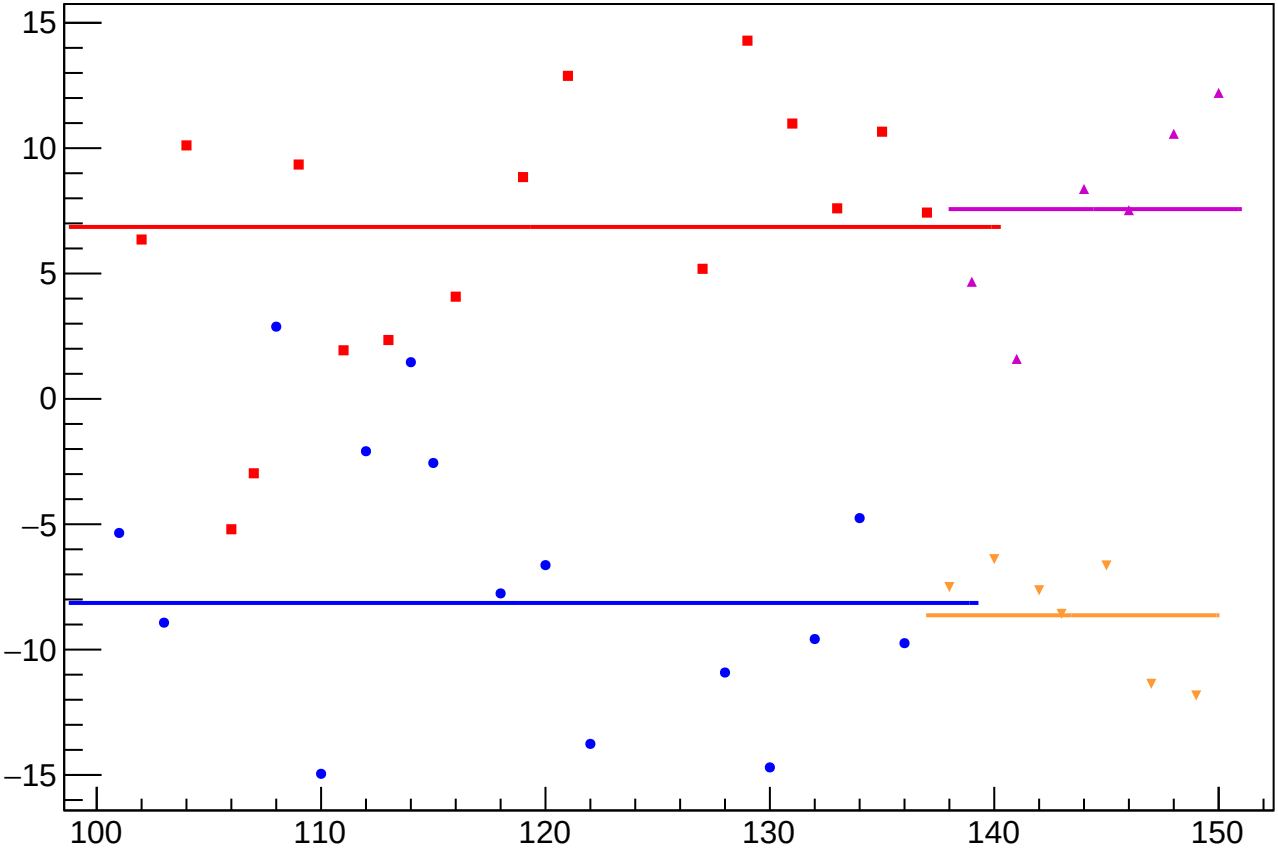
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.555+/-0.000 χ^2/NDF: 76316697769743007

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -8.631+/-0.000 χ^2/NDF:2317380175582933818337264983343104.0/6

In: -1.204+/-0.000 χ^2/NDF:918589520926900259

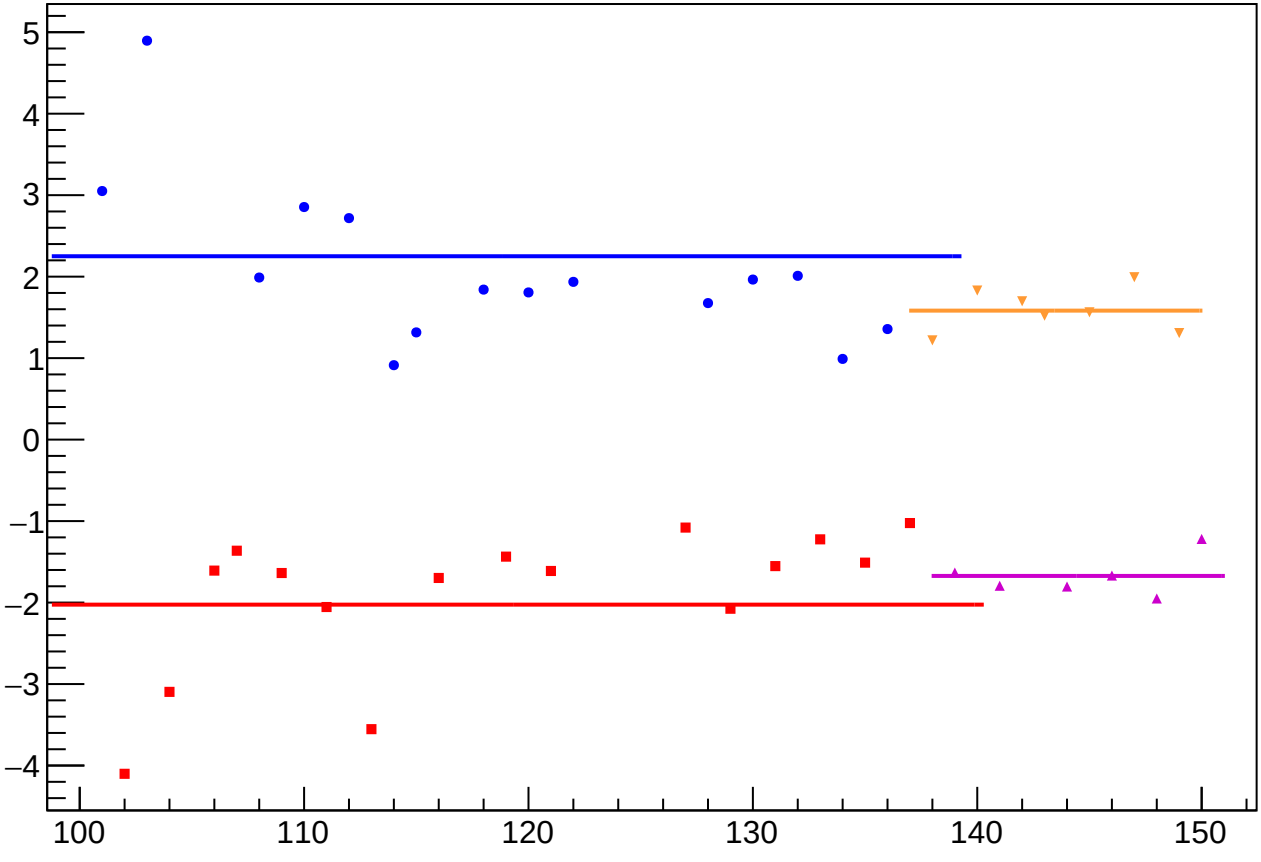
Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

Out: 0.102+/-0.000 χ^2/NDF:88604693696429865

Left In: 7.569+/-0.000 χ^2/NDF:648637737050282009209558967464755 2.0/5

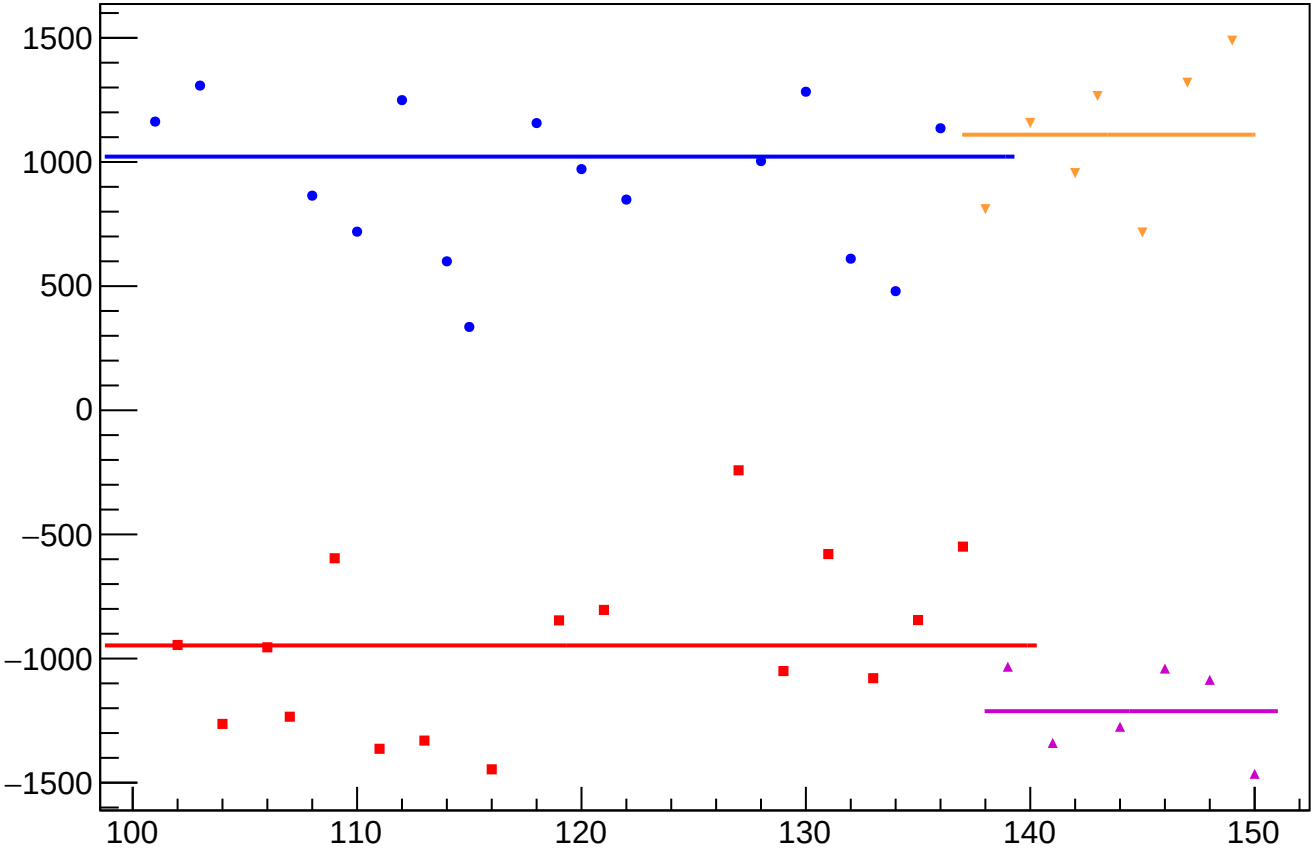
All: -0.545+/-0.000 χ^2/NDF: 1814643209310

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.040+/-0.000 χ^2/NDF: 2791081700139982
Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14
Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2
Left Out: 1.583+/-0.000 χ^2/NDF:3576115921504465432846581681 3568.0/6
In: 0.518+/-0.000 χ^2/NDF:5095237701277479781
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15
Out: -0.451+/-0.000 χ^2/NDF:4402610017744107 7
Left In: -1.673+/-0.000 χ^2/NDF:2806808710837094994980187091763 2.0/5
All: 0.029+/-0.000 χ^2/NDF: 10049146447547

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

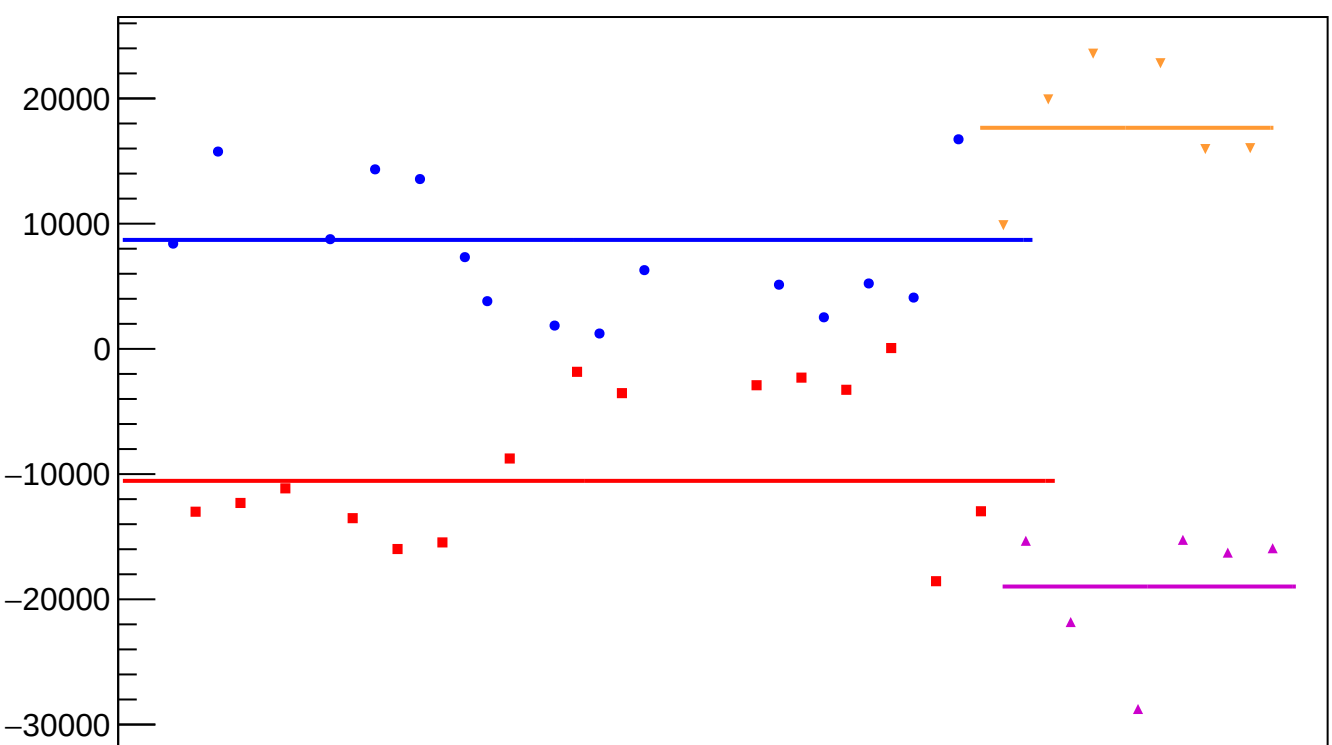
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1879.328+/-0.000 χ^2/NDF: 34360999025567

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 17656.956+/-0.000 χ^2/NDF:935482549728627296018877543706831460761 6.0/5

In: -3517.576+/-0.000 χ^2/NDF:251952706997363

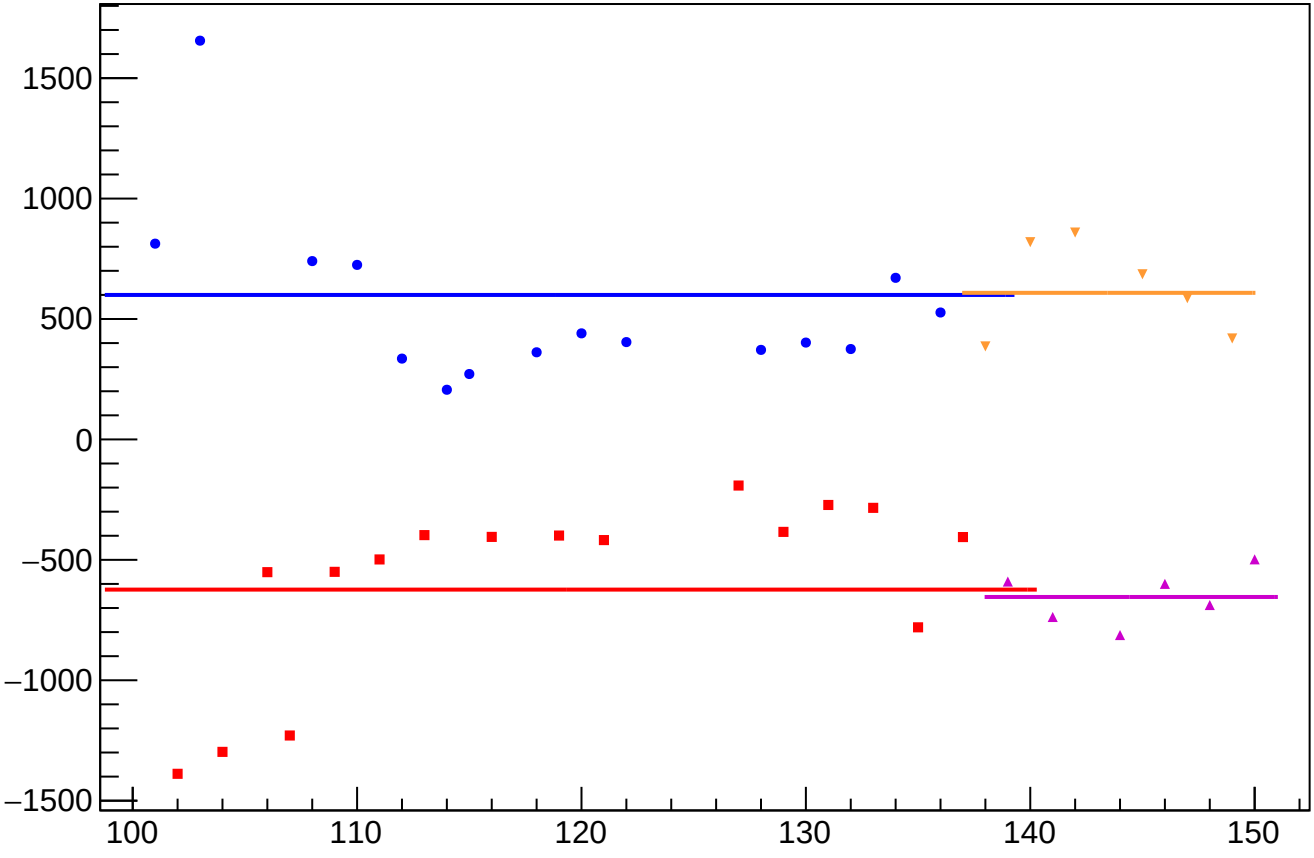
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 804.876+/-0.000 χ^2/NDF:2689310450807656

Left In: -18978.336+/-0.000 χ^2/NDF:1289802119916431663872704434473719667097 6.0/5

All: -1399.992+/-0.000 χ^2/NDF: 5315197233

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -64.777+/-0.000 χ^2/NDF: 4014113733955235

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 683047104243510

Left Out: 608.618+/-0.000 χ^2/NDF:1389899322794859750529202662239161548 8.0/5

In: 46.228+/-0.000 χ^2/NDF:5455304840375370 25

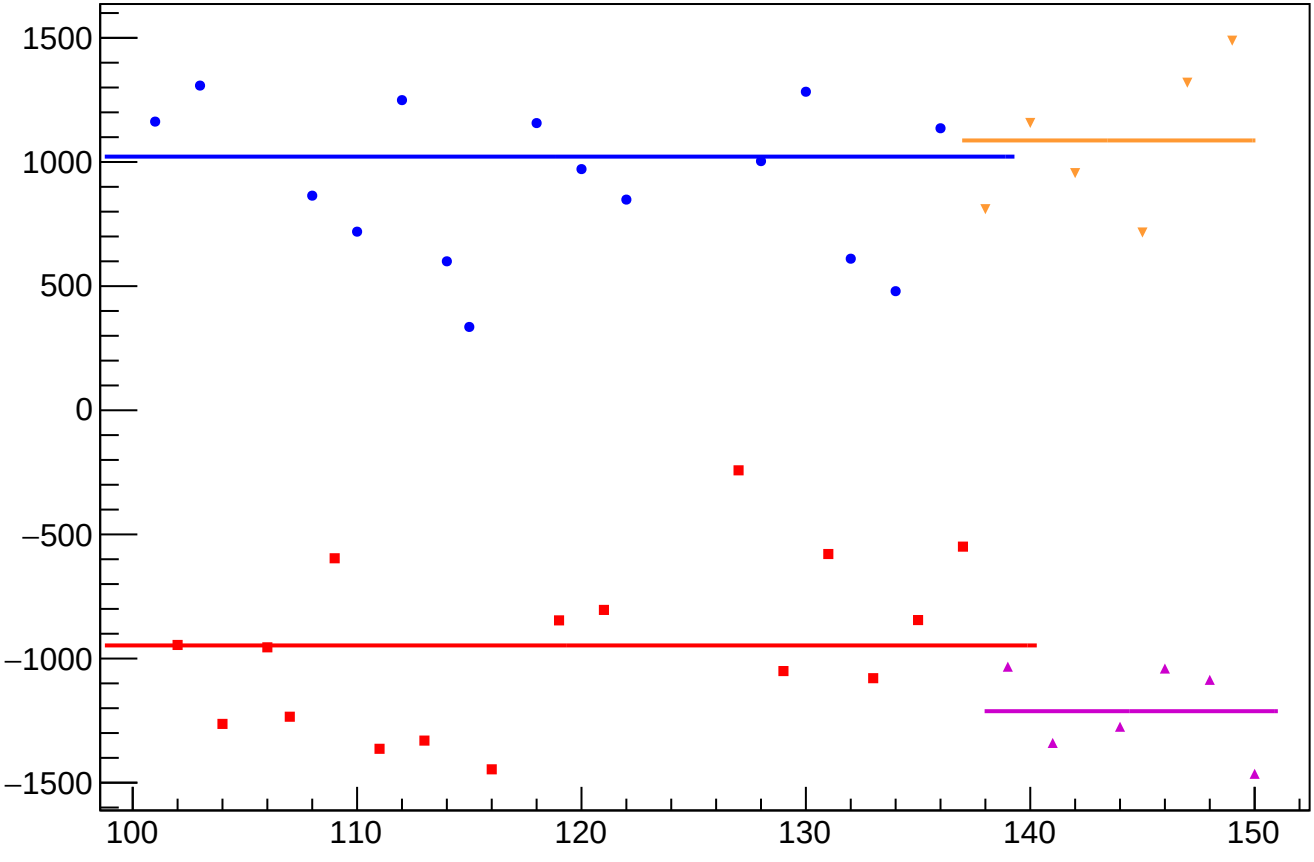
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: -127.823+/-0.000 χ^2/NDF:5227855736875 43

Left In: -654.161+/-0.000 χ^2/NDF:5705577400215505114873222352267640832.0/5

All: -39.040+/-0.000 χ^2/NDF: 108556147489

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -139.054+/-0.000 χ^2/NDF: 131533139626980

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1086.822+/-0.000 χ^2/NDF:36104648454207601981452111060785954816.0/5

In: 35.559+/-0.000 χ^2/NDF:148395238199960223

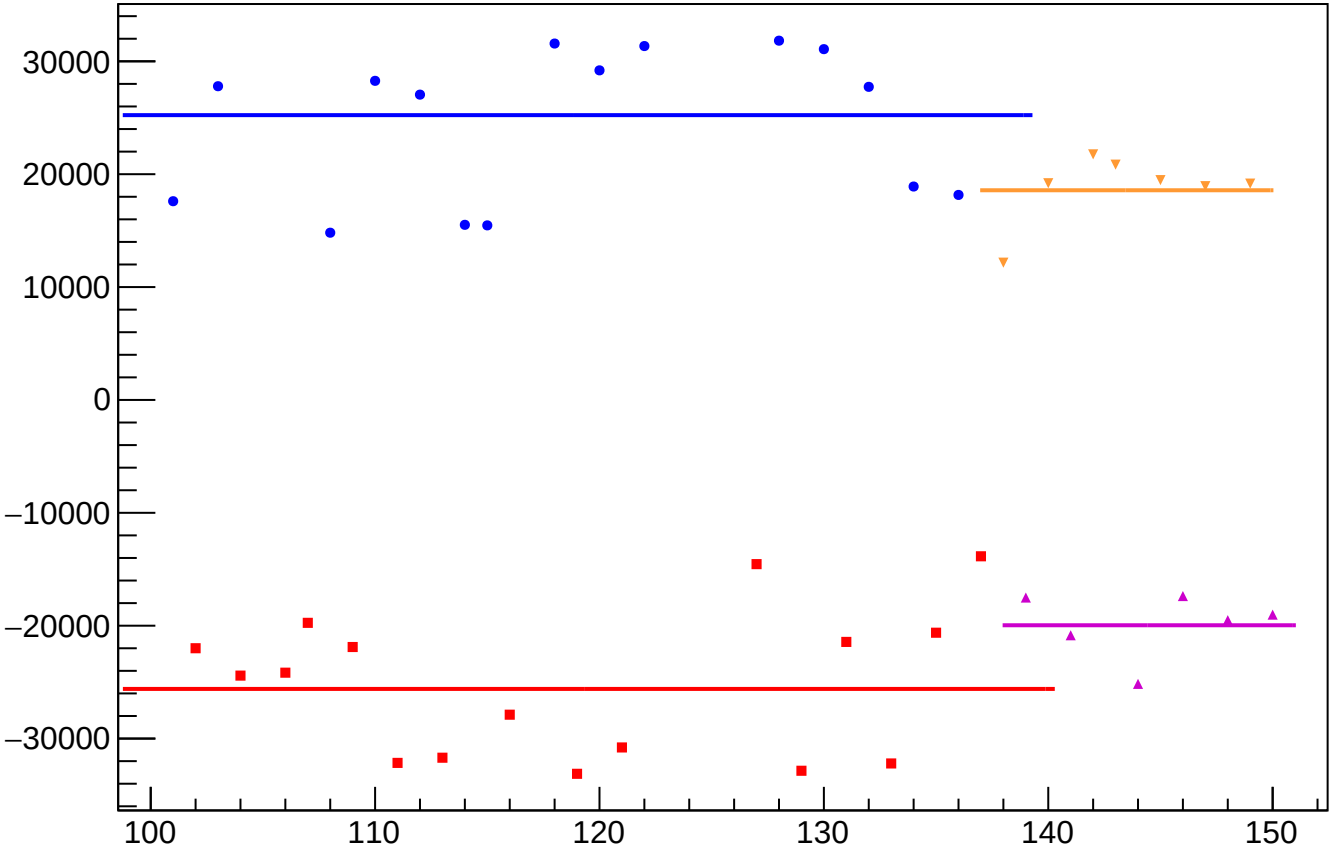
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -128.820+/-0.000 χ^2/NDF:121407568062487

Left In: -1211.994+/-0.000 χ^2/NDF:139164333549675326610524910112473088 00.0/5

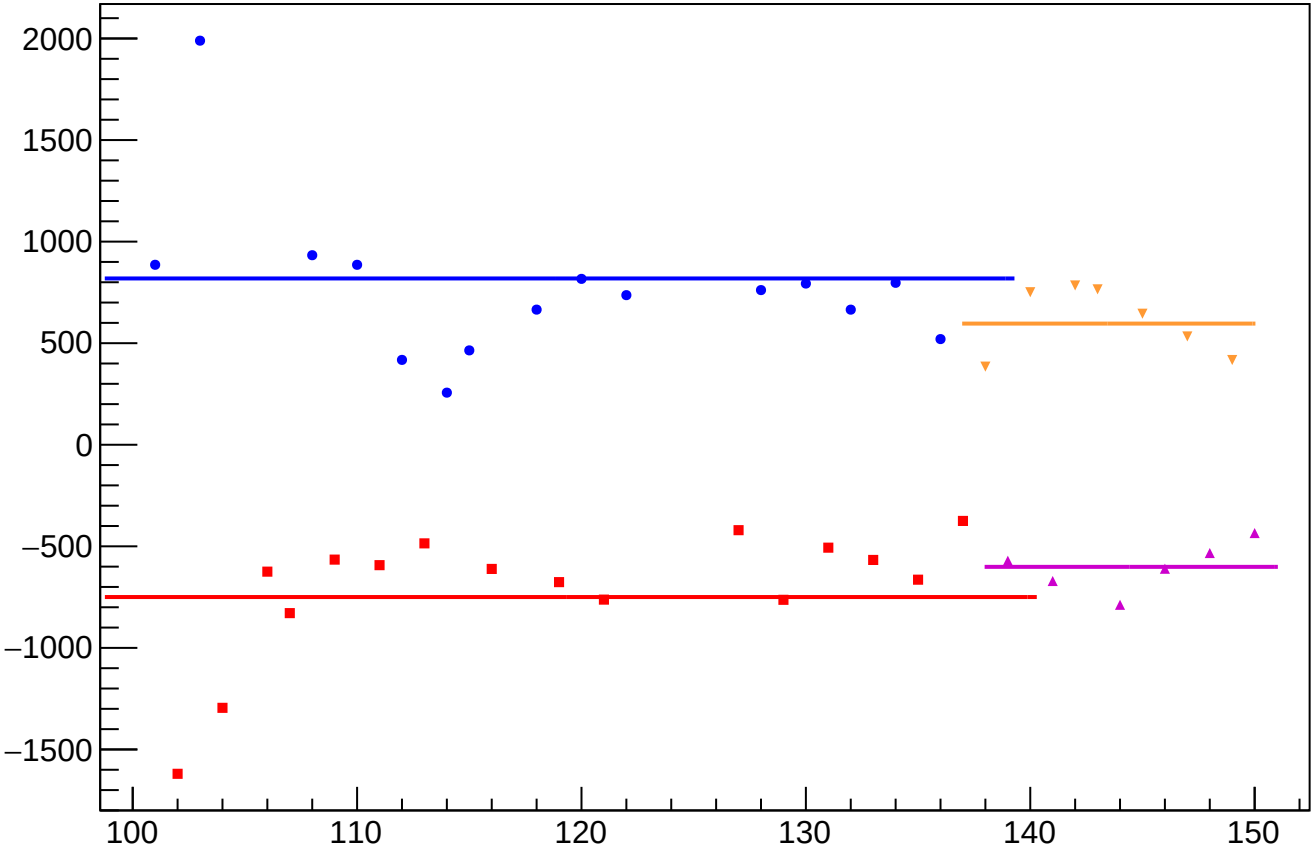
All: -44.971+/-0.000 χ^2/NDF: 271340998845

dit_usr_coil7_mean vs Slug, Sign Corrected



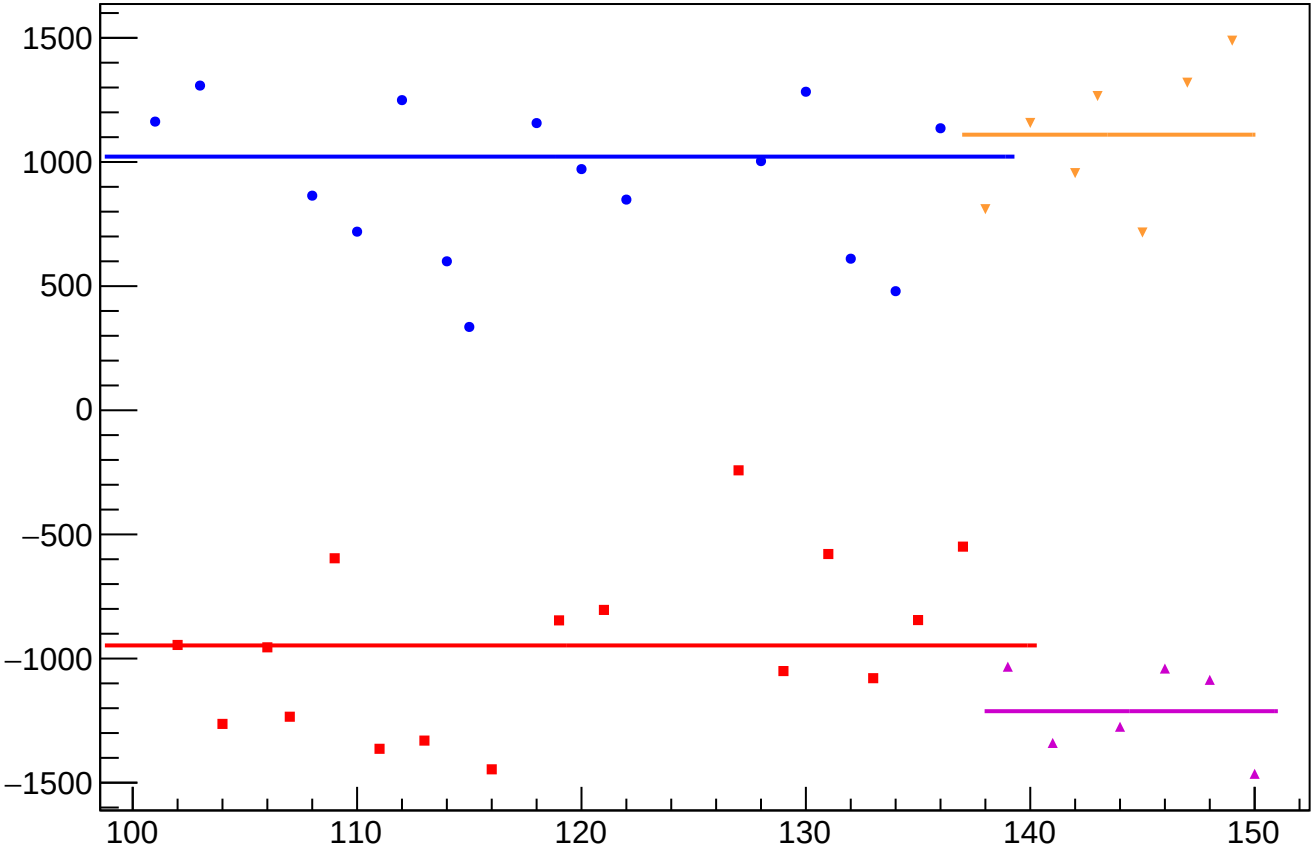
Left: -636.443+/-0.000 χ^2/NDF: 389814779474668
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18576.185+/-0.000 χ^2/NDF:4156675003592941063235282203083202887680.0/6
In: 5280.125+/-0.000 χ^2/NDF:613350572900388
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -6332.050+/-0.000 χ^2/NDF:5963152662072 3
Left In: -19961.425+/-0.000 χ^2/NDF:3607191272875484655998239958660917755904.0/5
All: -577.957+/-0.000 χ^2/NDF: 12887109760

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -0.541+/-0.000 χ^2/NDF: 38761803176559877
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 596.490+/-0.000 χ^2/NDF:1218674099759399516271002882921830 8096.0/6
In: 191.885+/-0.000 χ^2/NDF:6896314455098584 3
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
Out: -162.498+/-0.000 χ^2/NDF:617363327113806
Left In: -601.063+/-0.000 χ^2/NDF:6503864655069099706414902393303990272.0/5
All: 13.107+/-0.000 χ^2/NDF: 1380614480597

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

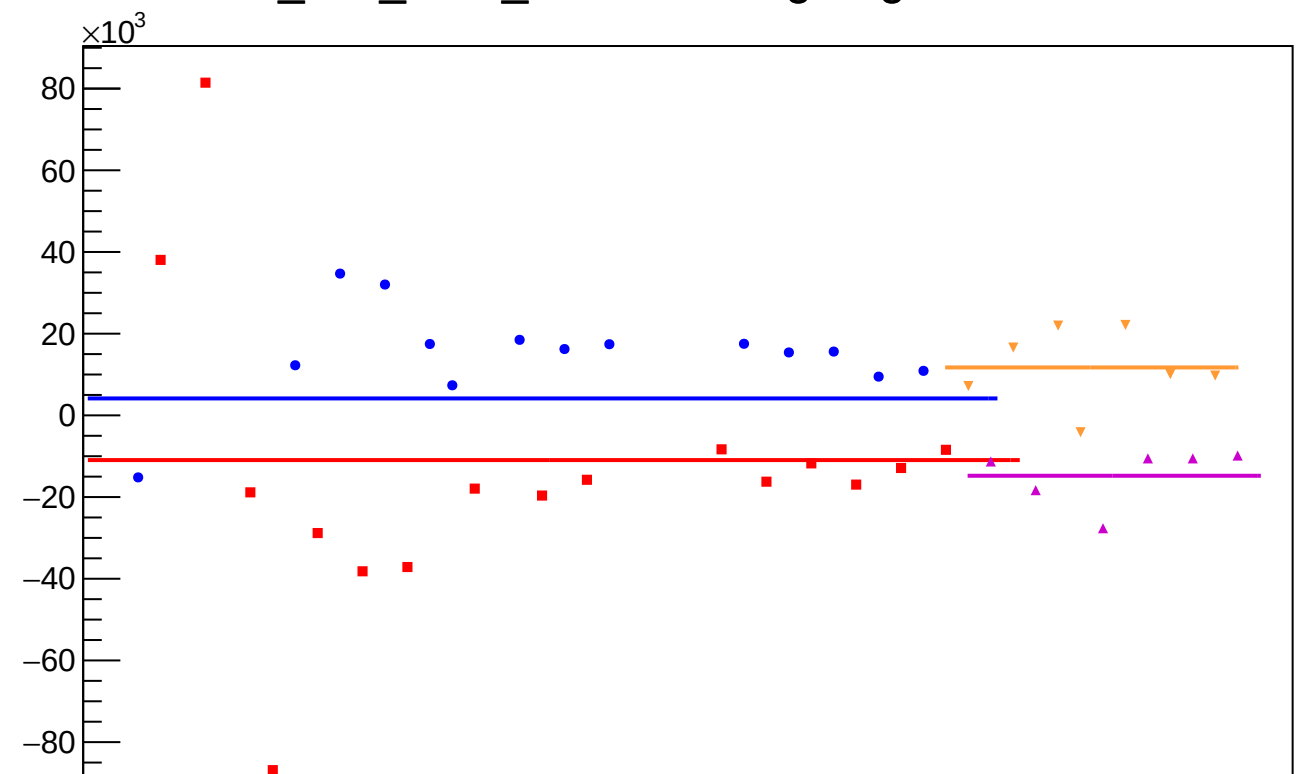
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -1487.403+/-0.000 χ^2/NDF: 23743073743899

Right In: 4145.268+/-0.000 χ^2/NDF: 76369399839506468963797238193350764815974 4.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11732.955+/-0.000 χ^2/NDF:3454651203546128420876444527760948120780 8.0/6

In: -4212.103+/-0.000 χ^2/NDF:88835697924090 6

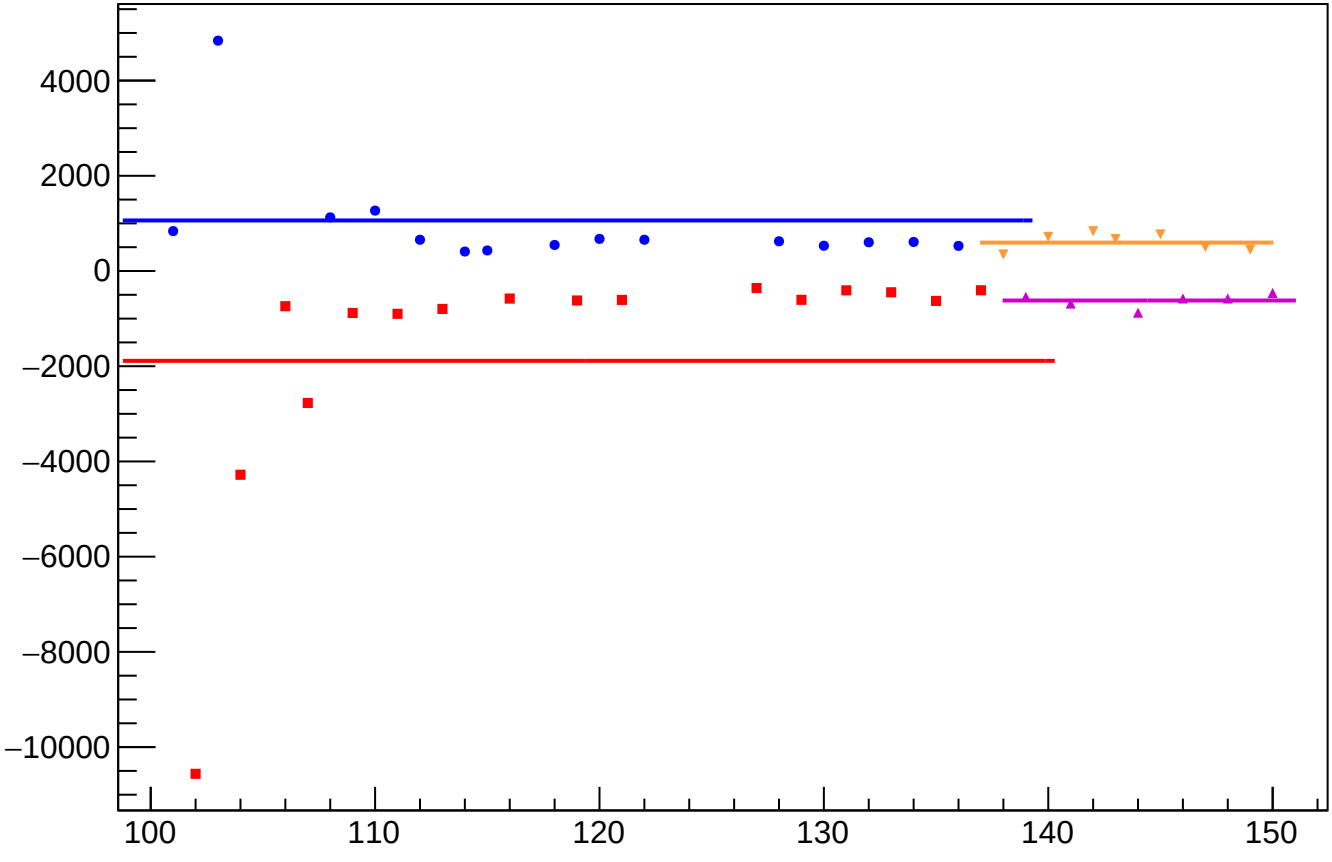
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: -1055.081+/-0.000 χ^2/NDF:10581598086529

Left In: -14785.073+/-0.000 χ^2/NDF:2198606571333494600691194060513164132352 0.0/5

All: -2619.456+/-0.000 χ^2/NDF: 1952359351

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -9.490+/-0.000 χ^2/NDF: 40393905031794785

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 596.963+/-0.000 χ^2/NDF:139882471919072116047529447565756989 44.0/6

In: 319.734+/-0.000 χ^2/NDF:1772338827861757 6

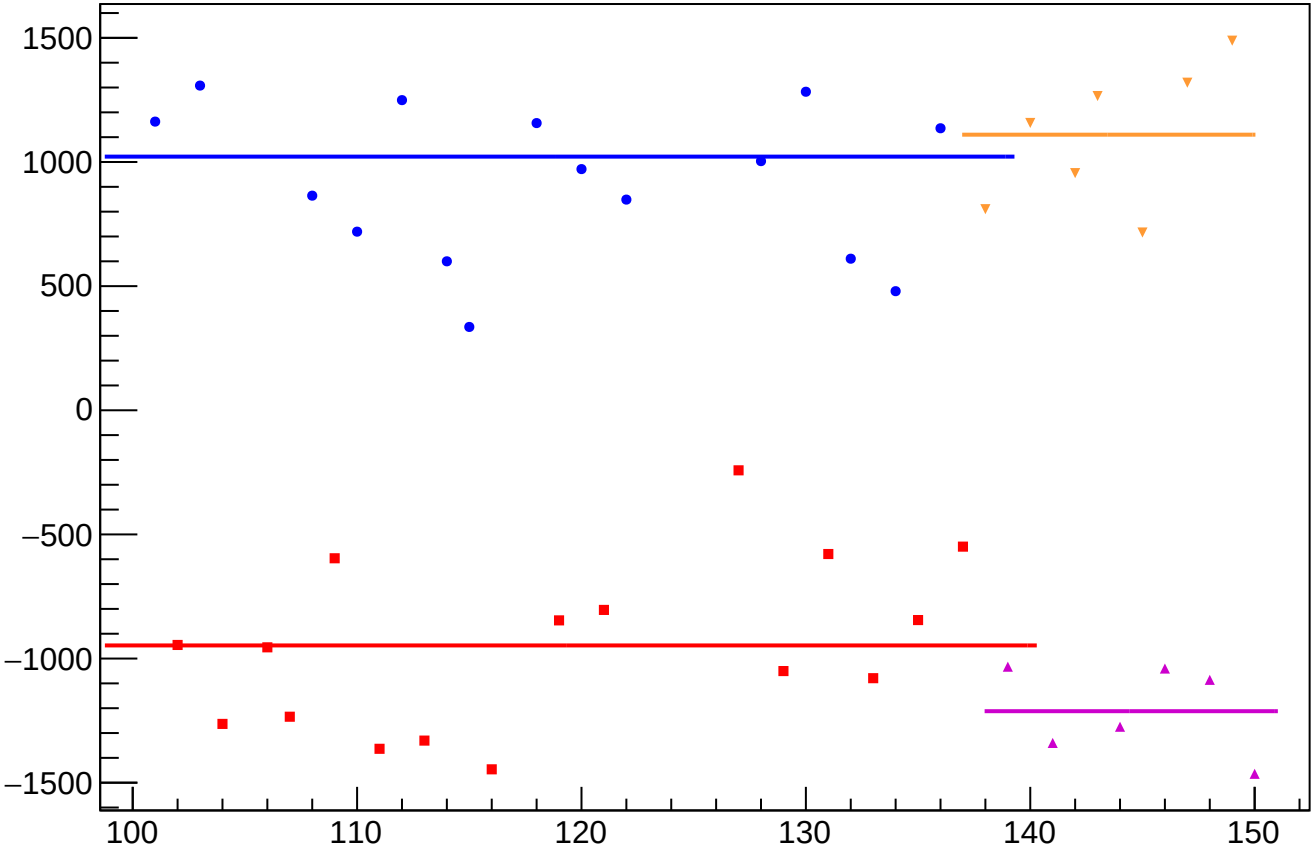
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -803.590+/-0.000 χ^2/NDF:733504155592984

Left In: -619.491+/-0.000 χ^2/NDF:928565076182535655581504161794385 5104.0/5

All: -246.958+/-0.000 χ^2/NDF: 98470844768

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

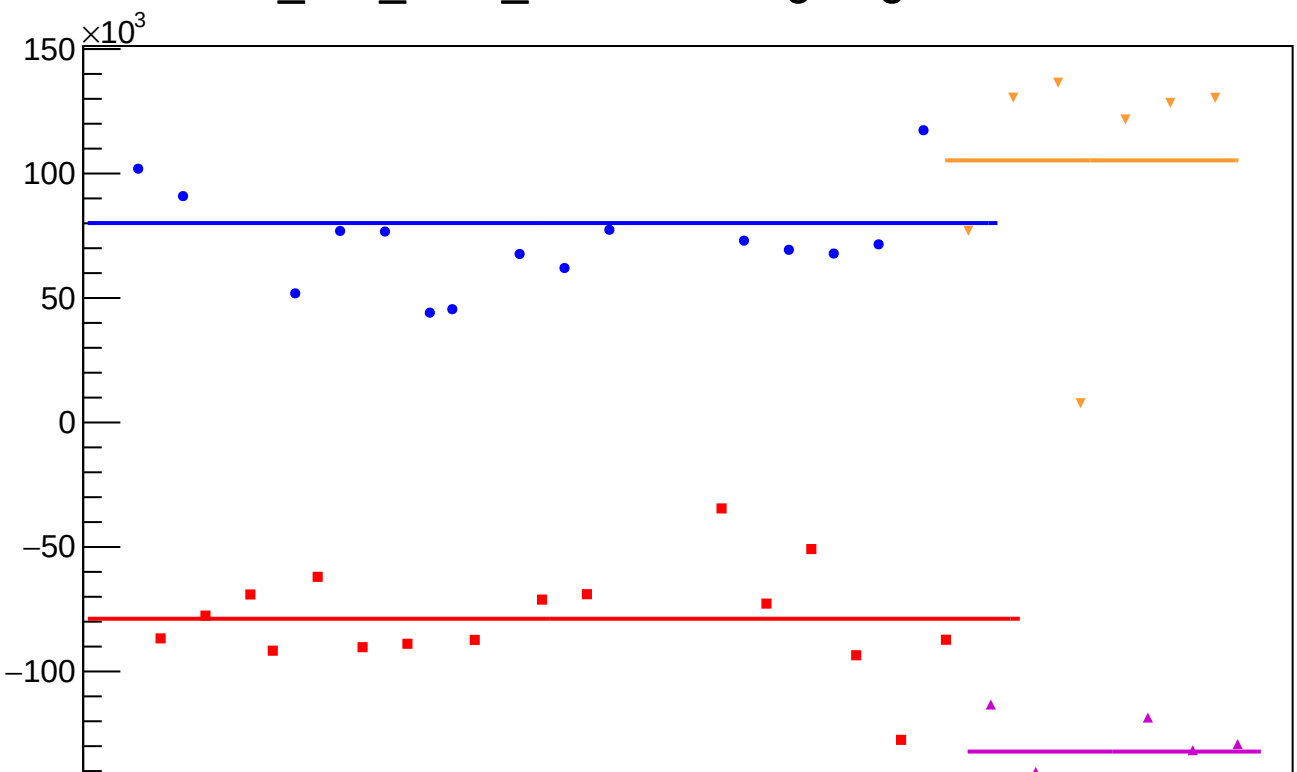
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -13096.592+/-0.000 χ^2/NDF: 1552879958582

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 105287.262+/-0.000 χ^2/NDF:913063145537898825428951388787178689527808.0/6

In: -13612.818+/-0.000 χ^2/NDF:13275604783374

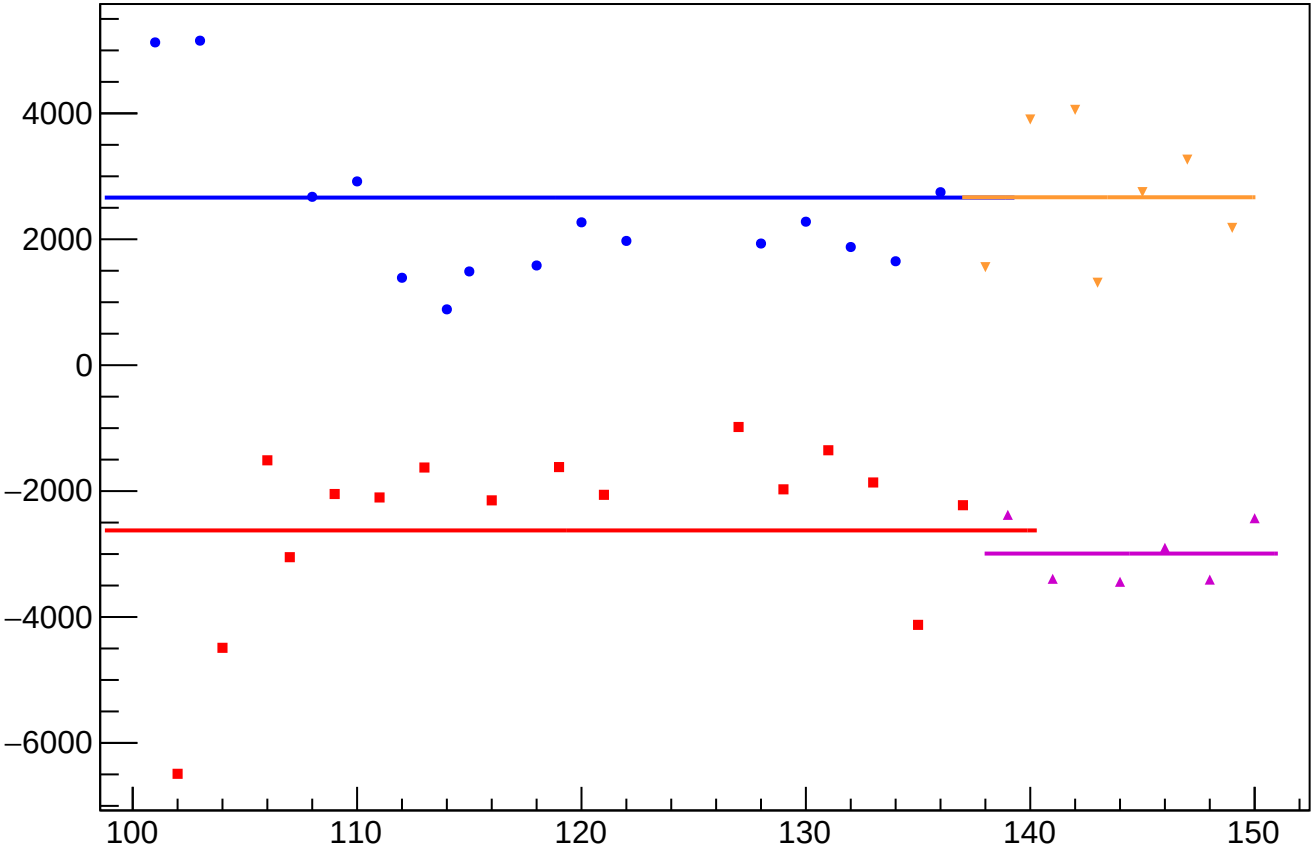
Right Out: -78815.832+/-0.000 χ^2/NDF: 286076919217811099434470442231998185472000.0/15

Out: 1486.109+/-0.000 χ^2/NDF:110599585814250

Left In: -132172.748+/-0.000 χ^2/NDF:110238071232676812042935088005880536367104.0/5

All: -5995.747+/-0.000 χ^2/NDF: 2446920451

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -154.293+/-0.000 χ^2/NDF: 882785967817791

Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 2667.304+/-0.000 χ^2/NDF:4817509831215207283379728660264124416 00.0/6

In: 165.801+/-0.000 χ^2/NDF:1029857034729622

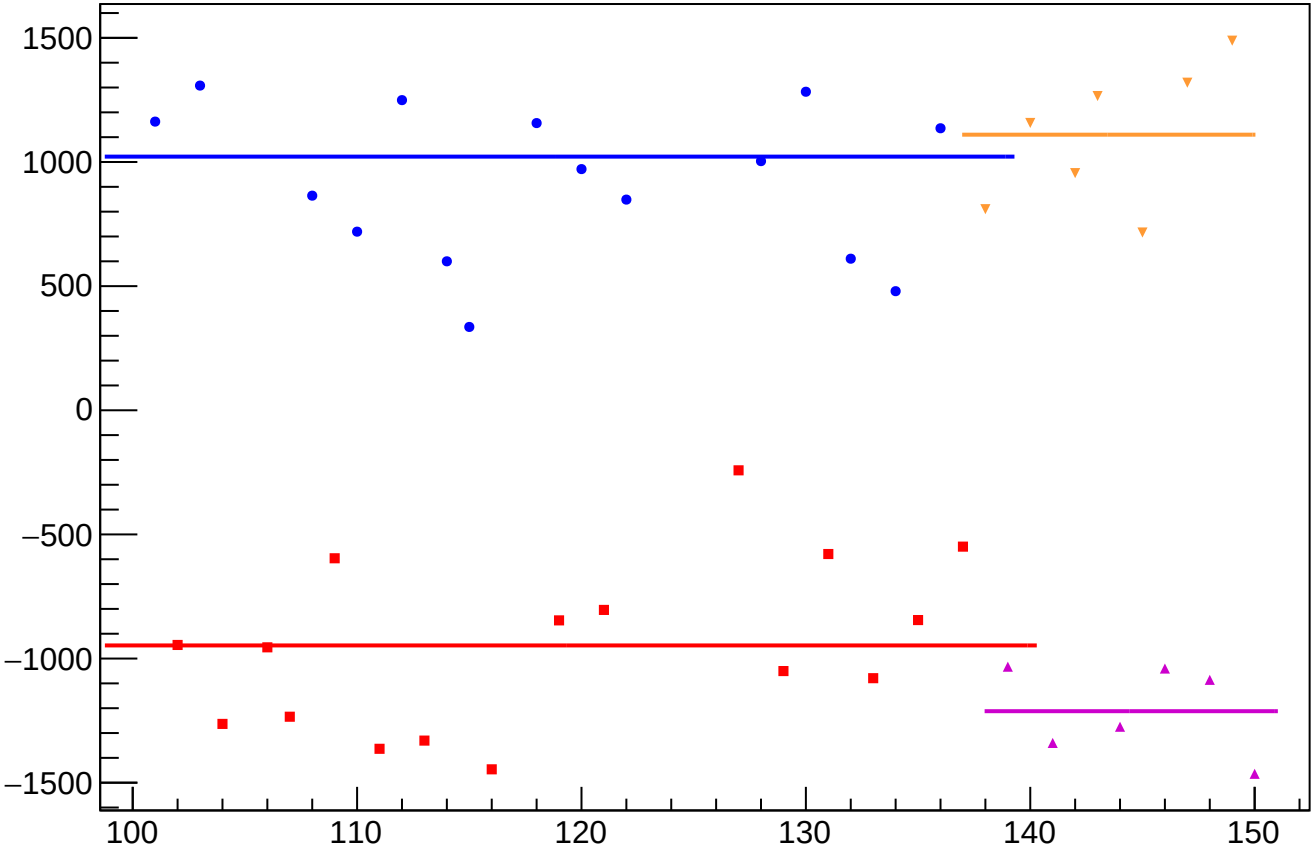
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: -316.436+/-0.000 χ^2/NDF:101960705719341

Left In: -2992.391+/-0.000 χ^2/NDF:1059085225800435963415598091364529602 56.0/5

All: -77.477+/-0.000 χ^2/NDF: 206309635565

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

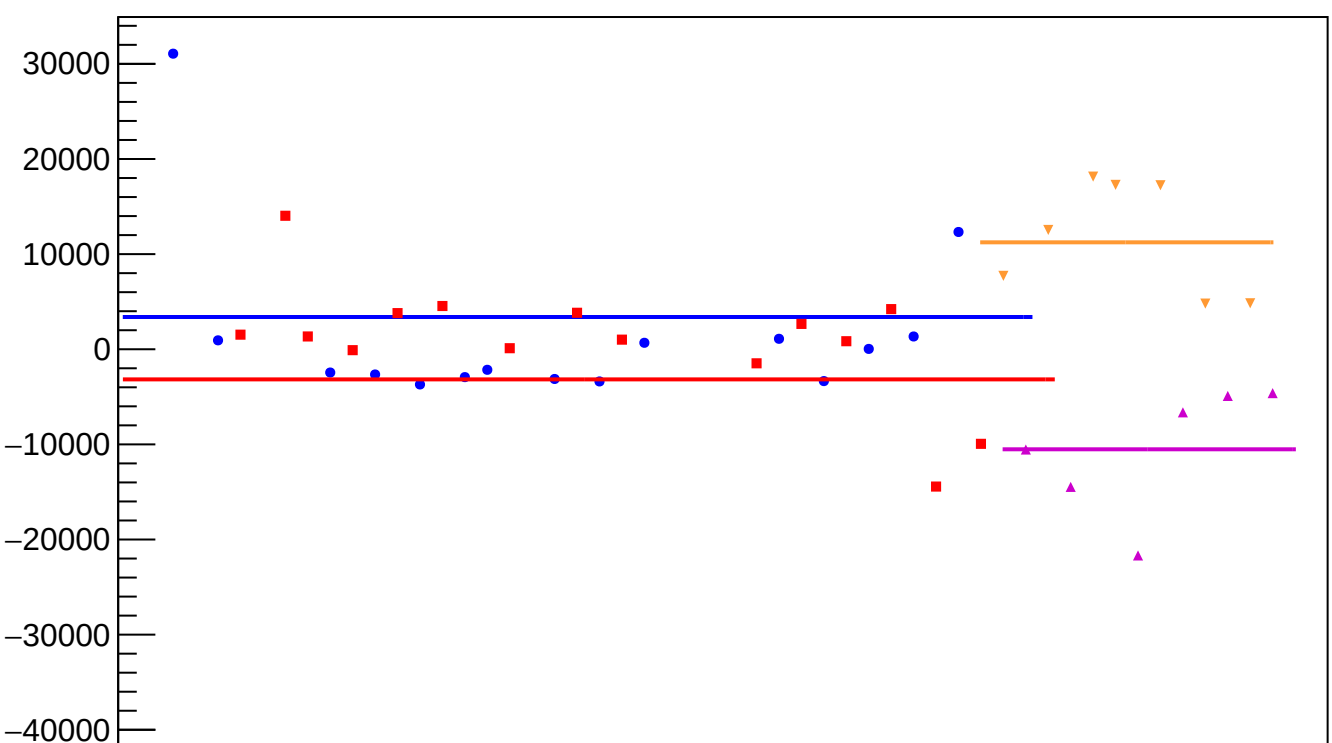
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 393.839+/-0.000 χ^2/NDF: 1565939234566100

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 11240.508+/-0.000 χ^2/NDF:1534614451304135424019357151024437736243 2.0/6

In: -2749.032+/-0.000 χ^2/NDF:140762571180252

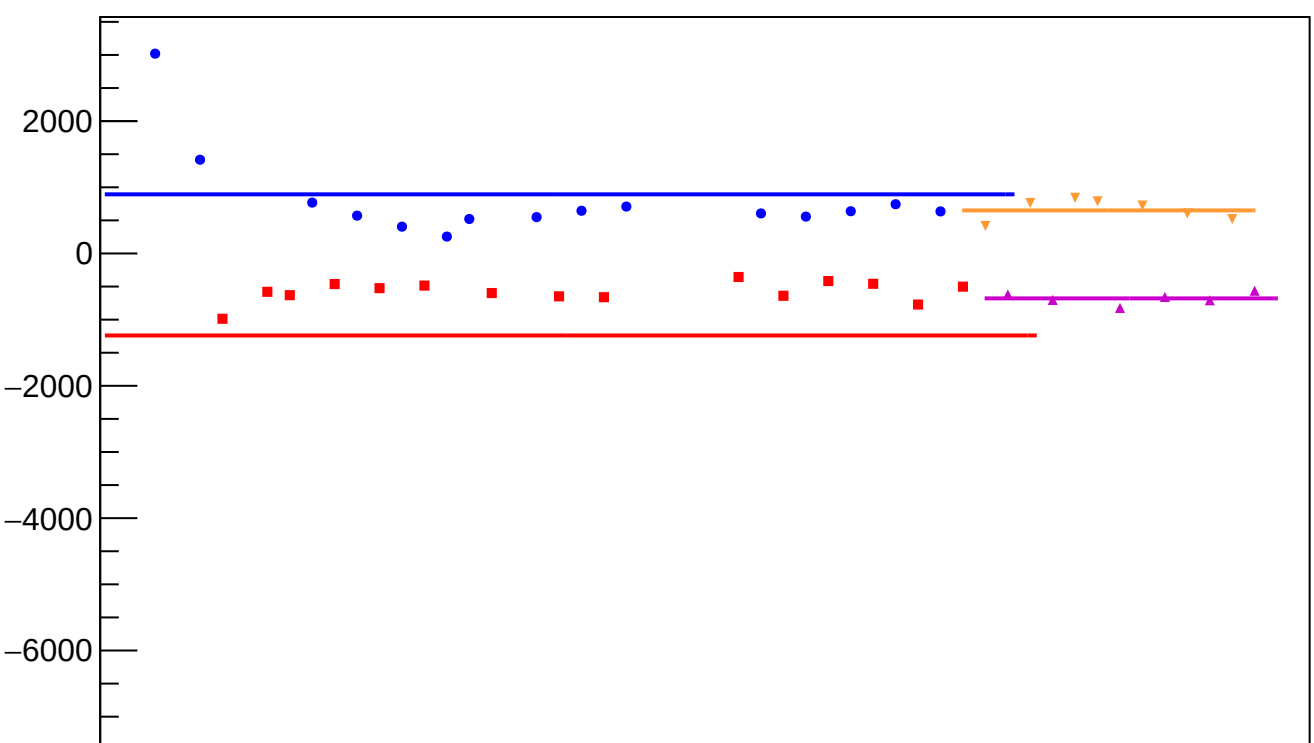
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3117.032+/-0.000 χ^2/NDF:213493836078709

Left In: -10516.262+/-0.000 χ^2/NDF:1947771515095209276769334502613785247744 0.0/5

All: 210.266+/-0.000 χ^2/NDF: 374428069414

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -12.040+/-0.000 χ^2/NDF: 4687264670433785

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

Right: -187.395+/-0.000 χ^2/NDF: 48021156818850

Left Out: 650.926+/-0.000 χ^2/NDF:10322189522262651377787695319648043008.0/6

In: 199.426+/-0.000 χ^2/NDF:1046628303064379 8

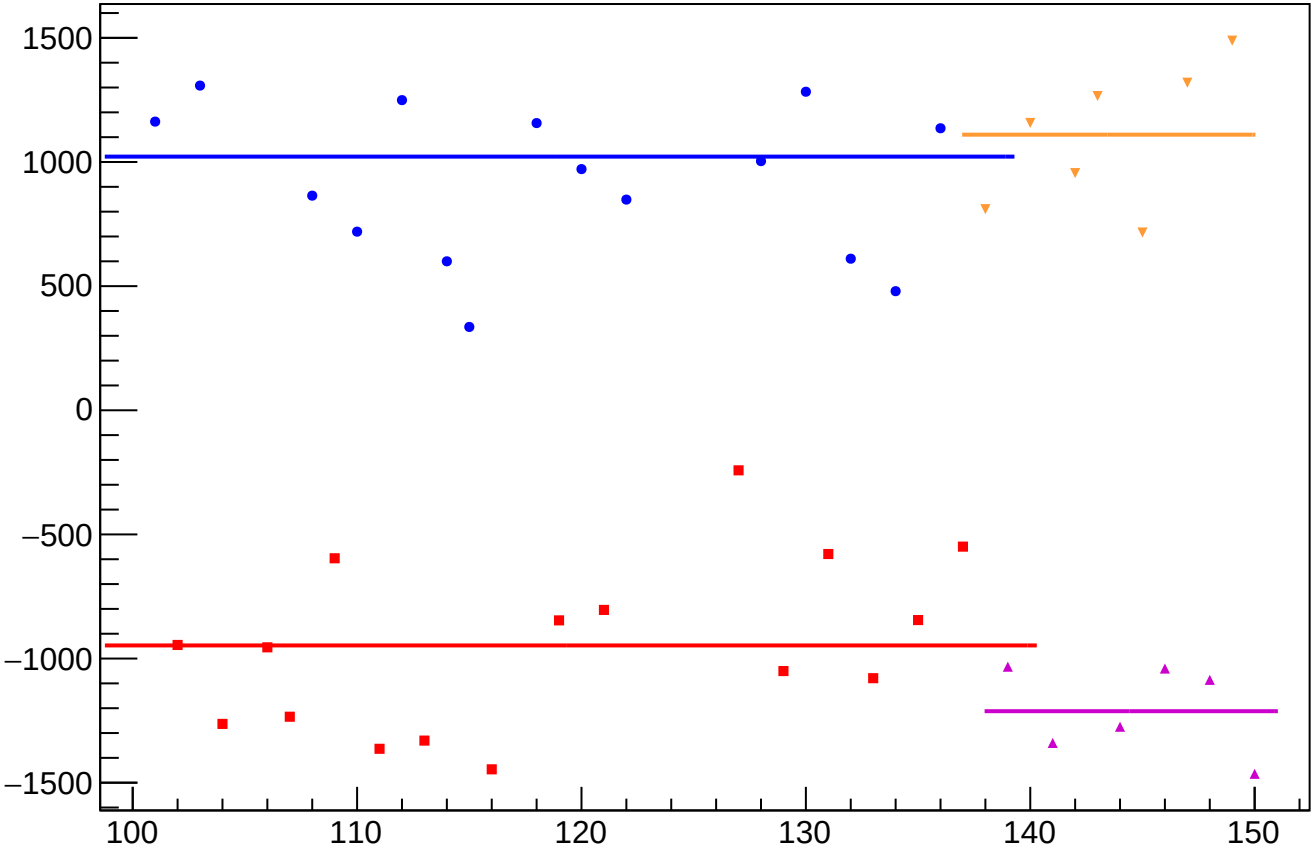
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15

Out: -414.822+/-0.000 χ^2/NDF:402079591712885

Left In: -678.883+/-0.000 χ^2/NDF:348924105212868752477530772680684339 2.0/5

All: -110.448+/-0.000 χ^2/NDF: 52885988739

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

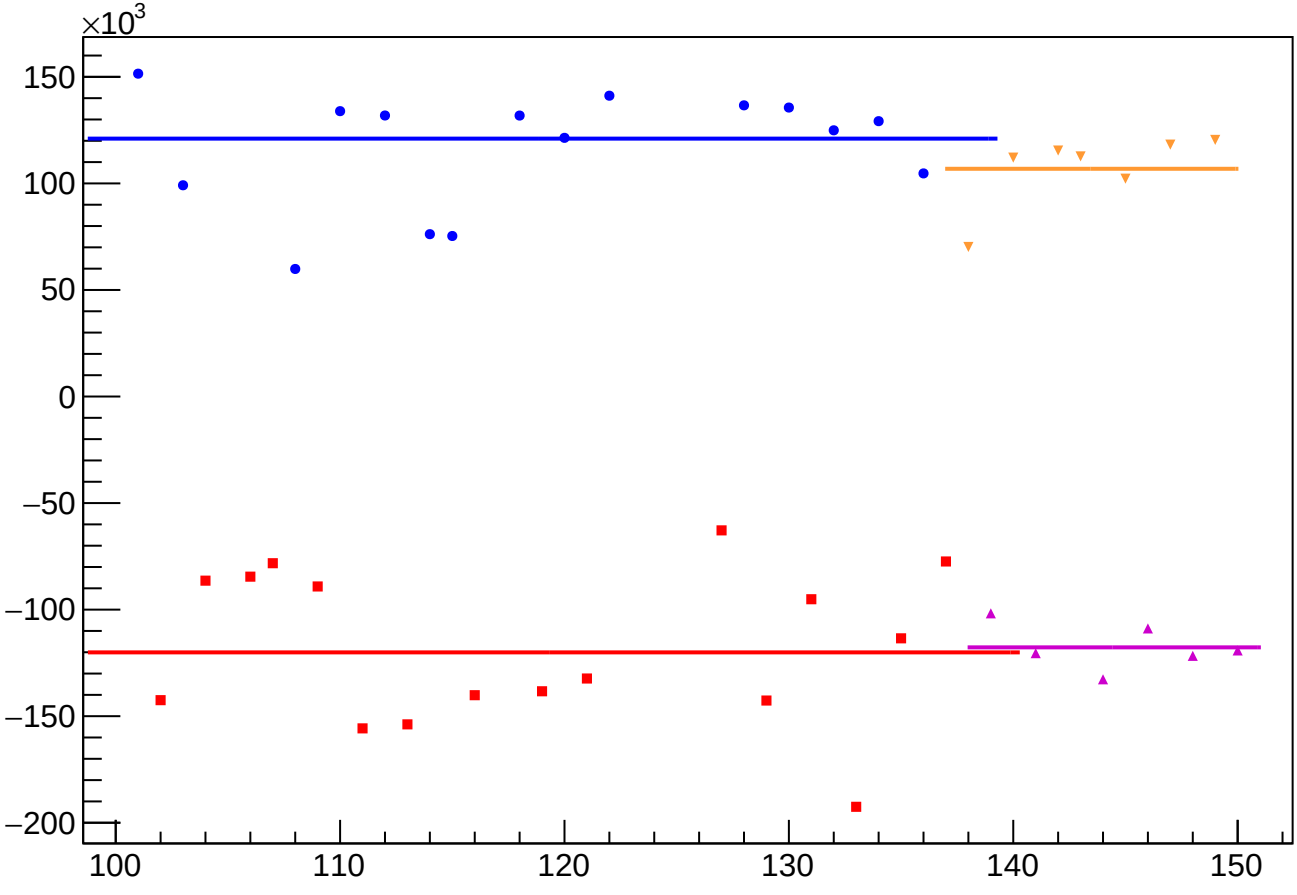
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

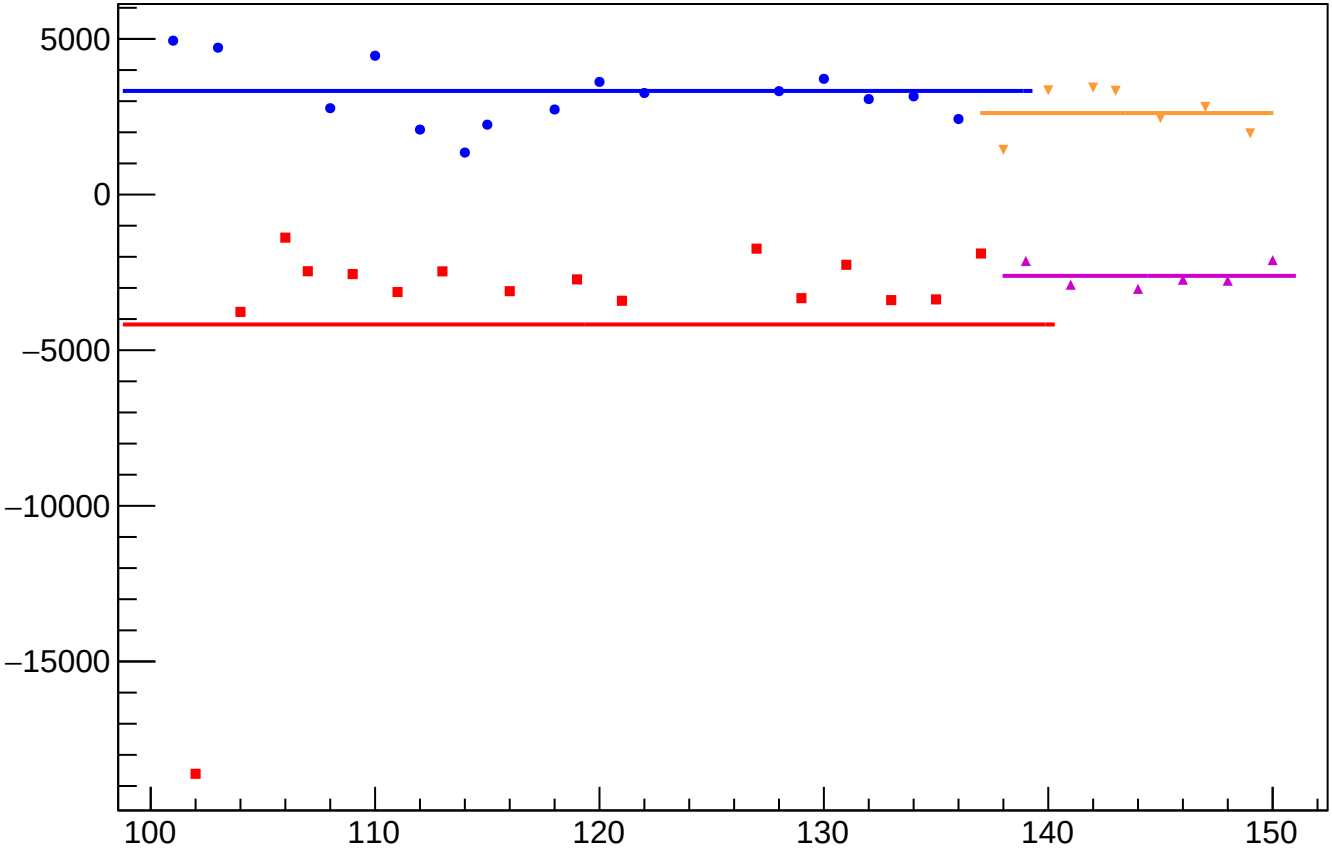
All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -5094.324+/-0.000 χ^2/NDF: 13162754723957
Right In: 121016.482+/-0.000 χ^2/NDF: 35871385640430355498778497598360966817382 4.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 106862.928+/-0.000 χ^2/NDF:140048554128225425261012848716375507599360.0/6
In: 15625.101+/-0.000 χ^2/NDF:167364698456461
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: -21081.329+/-0.000 χ^2/NDF:1594979250897
Left In: -117706.296+/-0.000 χ^2/NDF:4935516826036442214639759304146570916659 2.0/5
All: -2892.471+/-0.000 χ^2/NDF: 3347608994

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: 11.723+/-0.000 χ^2/NDF: 7364110007563398

Right In: 3329.488+/-0.000 χ^2/NDF: 5670347743984563762275268245137213358 08.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2619.350+/-0.000 χ^2/NDF:2589544849235671710898325438224043868 16.0/6

In: 706.813+/-0.000 χ^2/NDF:1074602369159919 6

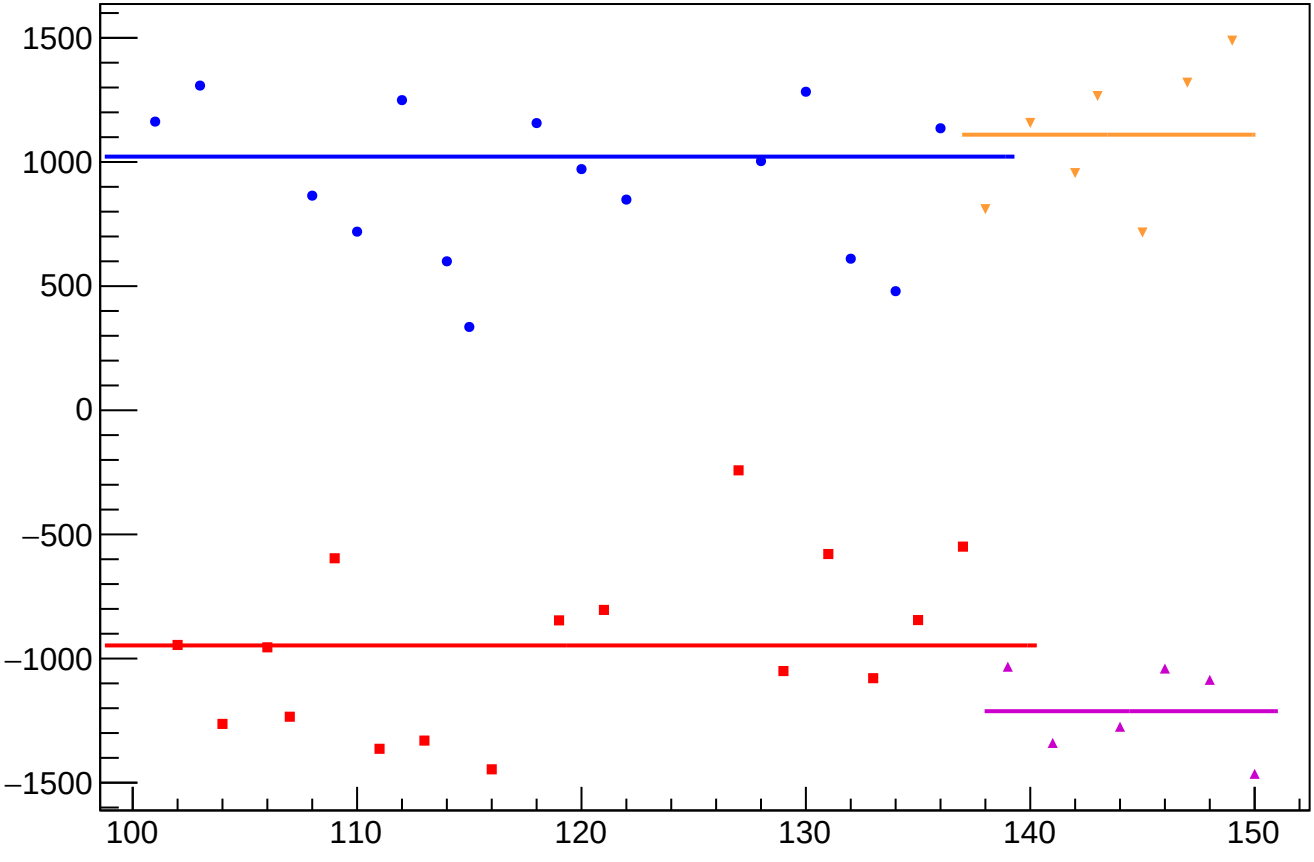
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

Out: -1210.563+/-0.000 χ^2/NDF:27181337757547

Left In: -2611.152+/-0.000 χ^2/NDF:6732990194483505858951143966565937 9712.0/5

All: -260.460+/-0.000 χ^2/NDF: 40082436149

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

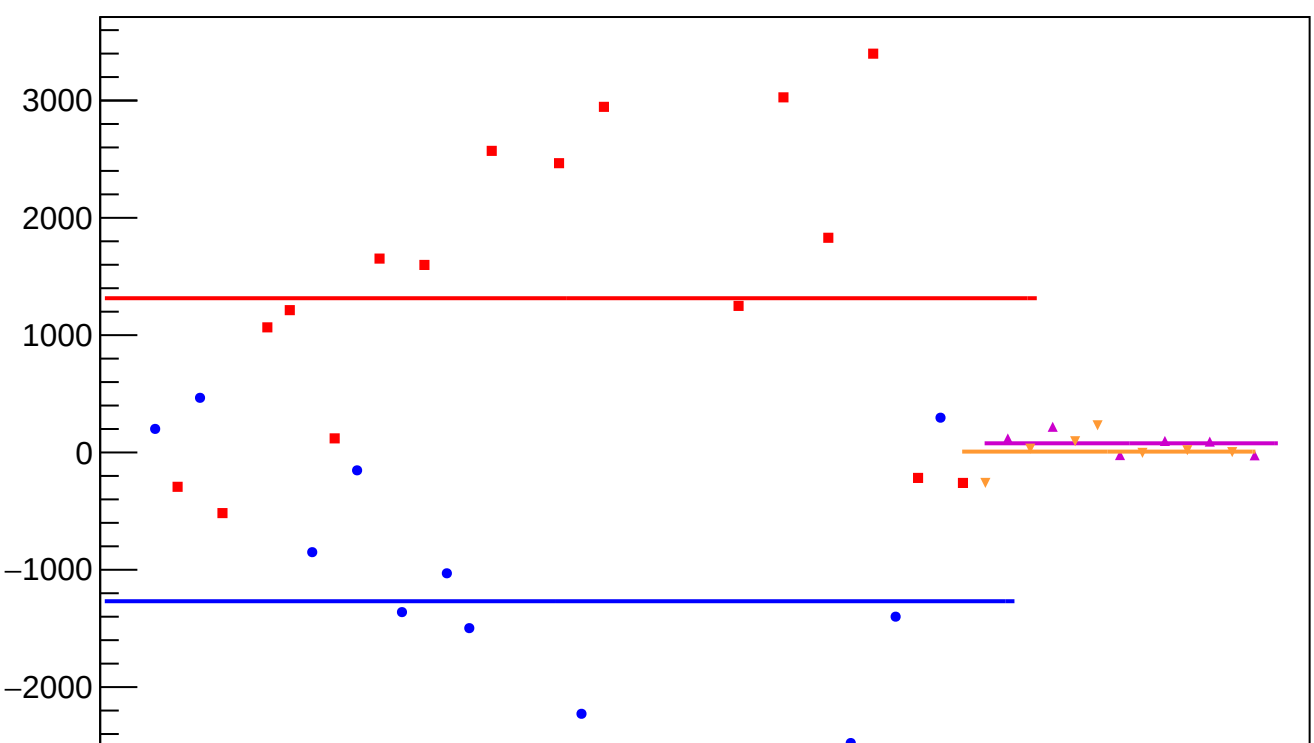
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

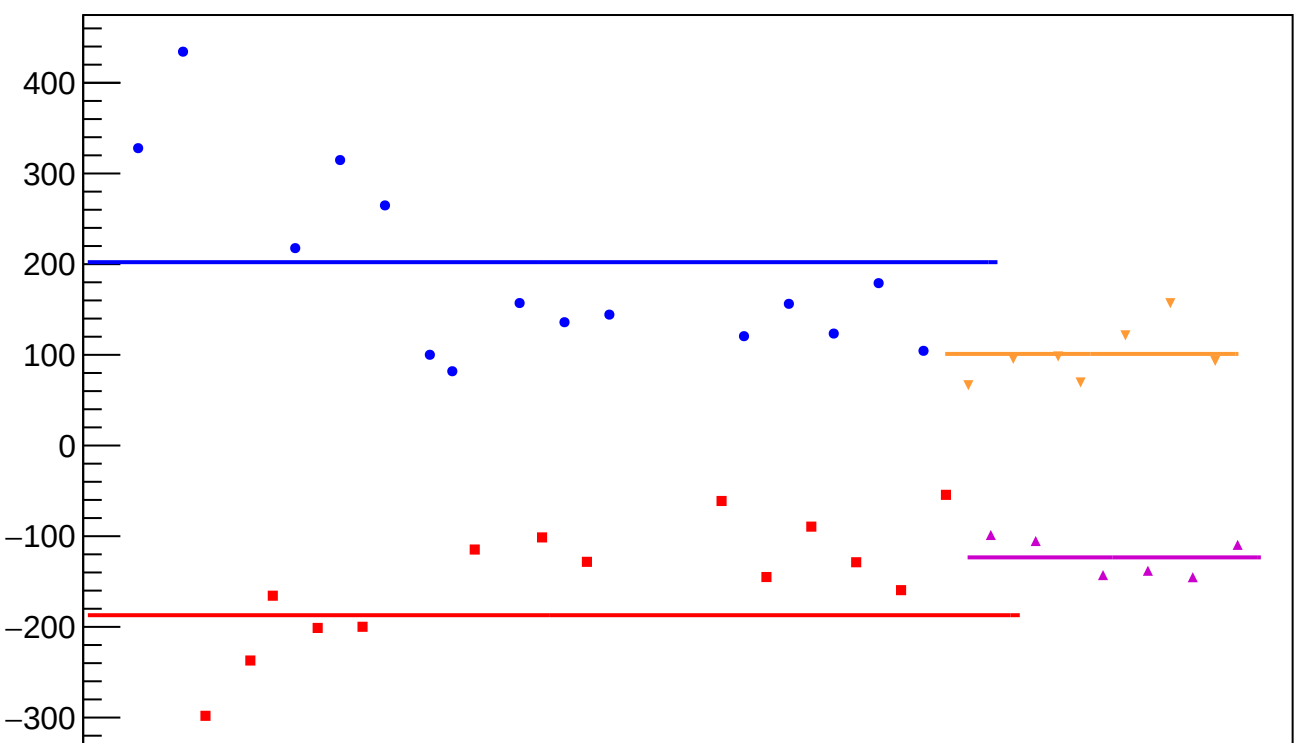
All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 42.616+/-0.000 χ^2/NDF: 1436838902206642
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: 7.331+/-0.000 χ^2/NDF:935141957018243333164283696036551065 6.0/6
In: -673.754+/-0.000 χ^2/NDF:1615232533938376
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 744.491+/-0.000 χ^2/NDF:160513827718428
Left In: 78.107+/-0.000 χ^2/NDF:372834347660207483019774914713354240 0.0/5
All: 41.719+/-0.000 χ^2/NDF: 439947052313

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.842+/-0.000 χ^2/NDF: 1358299132236390

Right In: 202.191+/-0.000 χ^2/NDF: 7027941052752849066369040650615128064.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950

Left Out: 101.019+/-0.000 χ^2/NDF:4451883711686318516516249646745518 08.0/6

In: 58.467+/-0.000 χ^2/NDF:37580581734380763

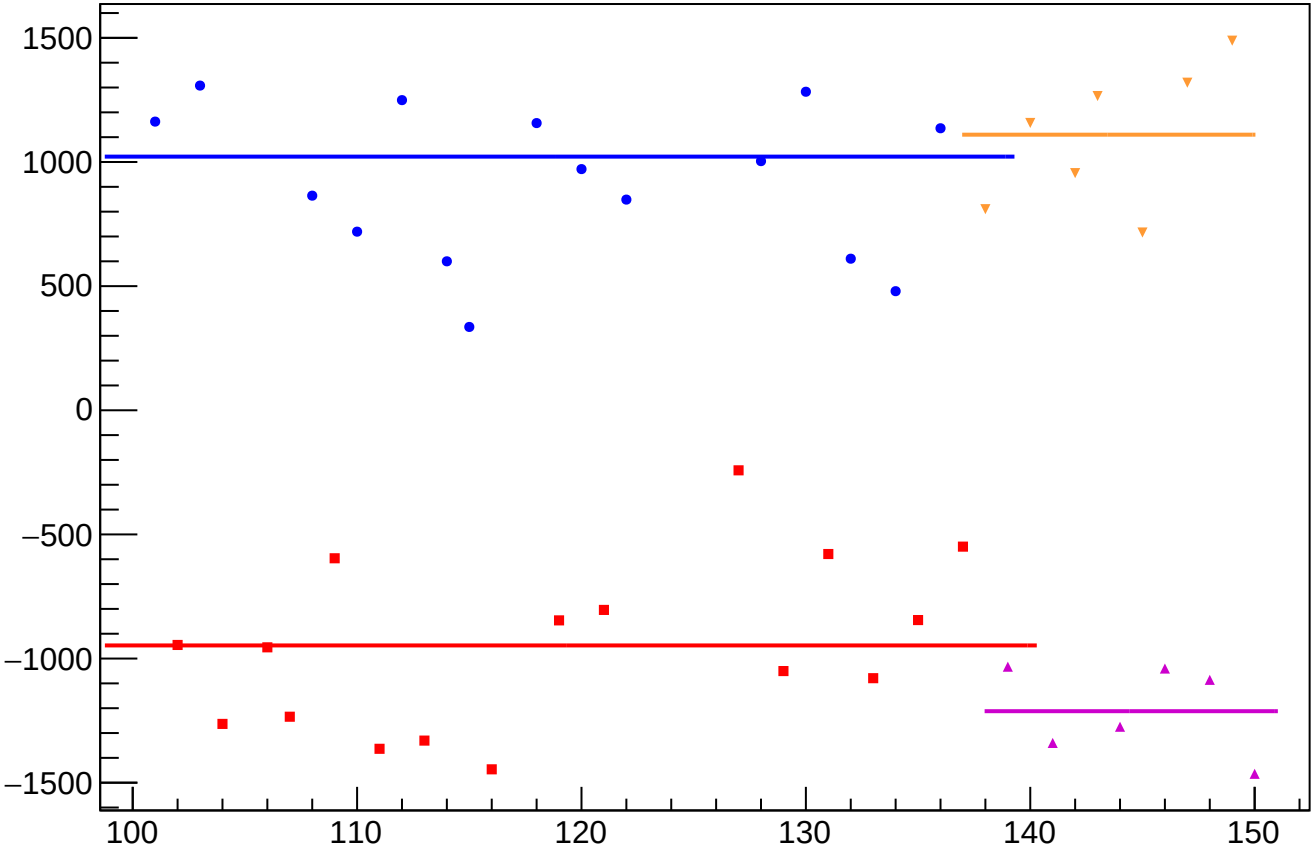
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138 9312.0/15

Out: -61.443+/-0.000 χ^2/NDF:3083057967131580

Left In: -123.358+/-0.000 χ^2/NDF:18660756683673406151544170676958003 2.0/5

All: -2.025+/-0.000 χ^2/NDF: 7683986939982

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

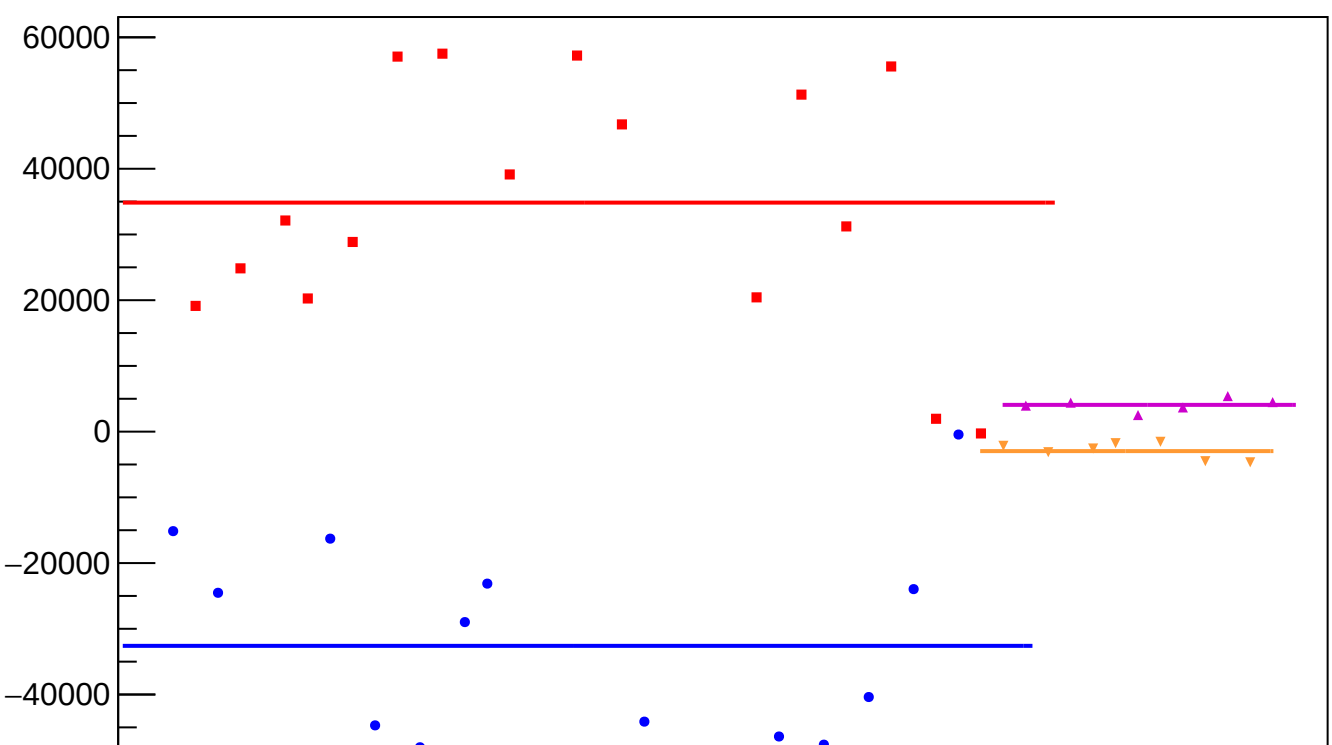
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

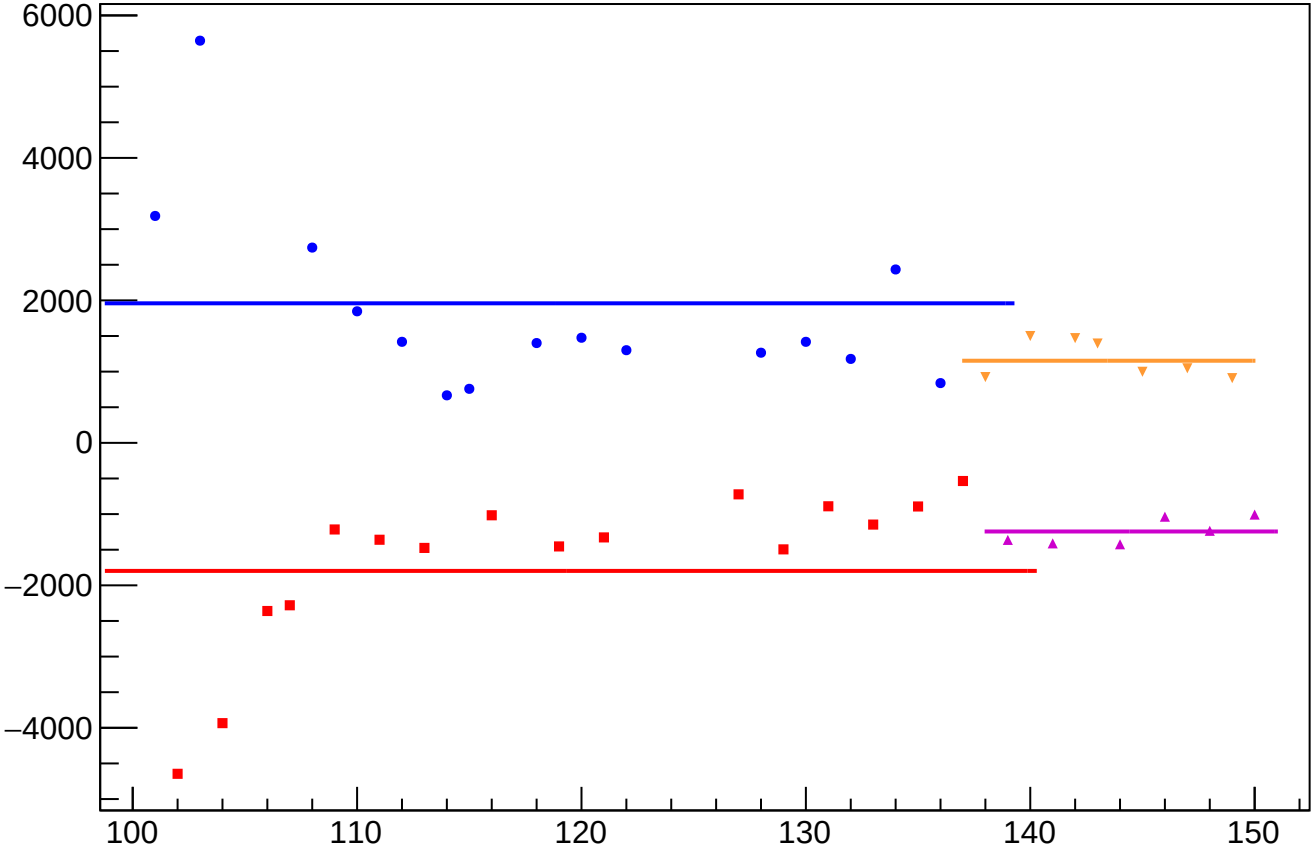
All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam2_coil7_mean vs Slug, Sign Corrected



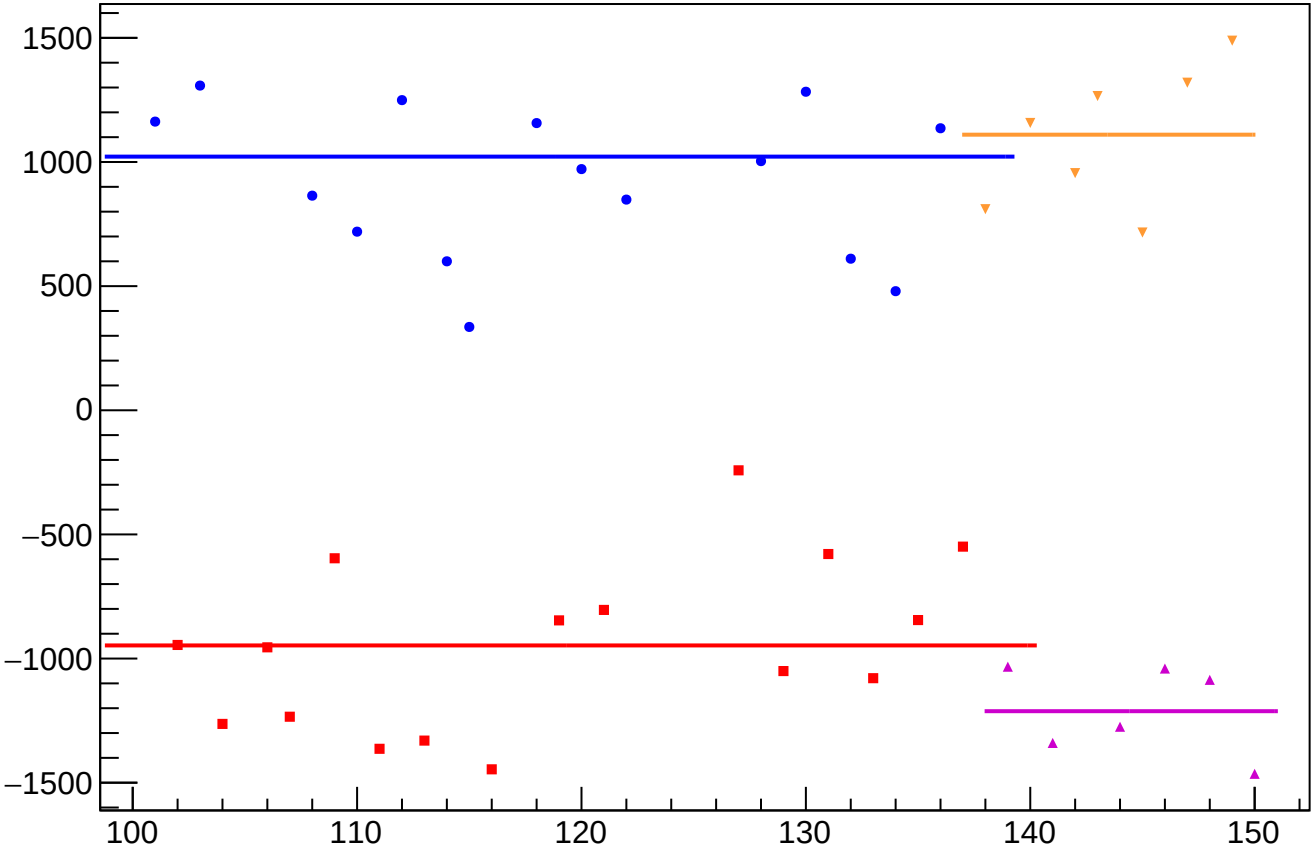
Left: 543.980+/-0.000 χ^2/NDF: 138854461074877
Right In: -32594.962+/-0.000 χ^2/NDF: 209150369207000564489724529020922520141824.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -2963.617+/-0.000 χ^2/NDF:748919966354467737865953607570679660544.0/6
In: -16407.184+/-0.000 χ^2/NDF:5947720258679
Right Out: 34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
Out: 18355.385+/-0.000 χ^2/NDF:6378277889916
Left In: 4072.090+/-0.000 χ^2/NDF:402456371291896120683324639149283082240.0/5
All: 1129.754+/-0.000 χ^2/NDF: 1940988719

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -42.131+/-0.000 χ^2/NDF: 1523355831812913
Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14
Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108
Left Out: 1152.829+/-0.000 χ^2/NDF:3034562507654128034029750966942275993 6.0/6
In: 544.812+/-0.000 χ^2/NDF:4143718555049682
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15
Out: -510.567+/-0.000 χ^2/NDF:351765272427386
Left In: -1244.079+/-0.000 χ^2/NDF:1507842513891028299582636805245108224 0.0/5
All: 12.397+/-0.000 χ^2/NDF: 8314298281577

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

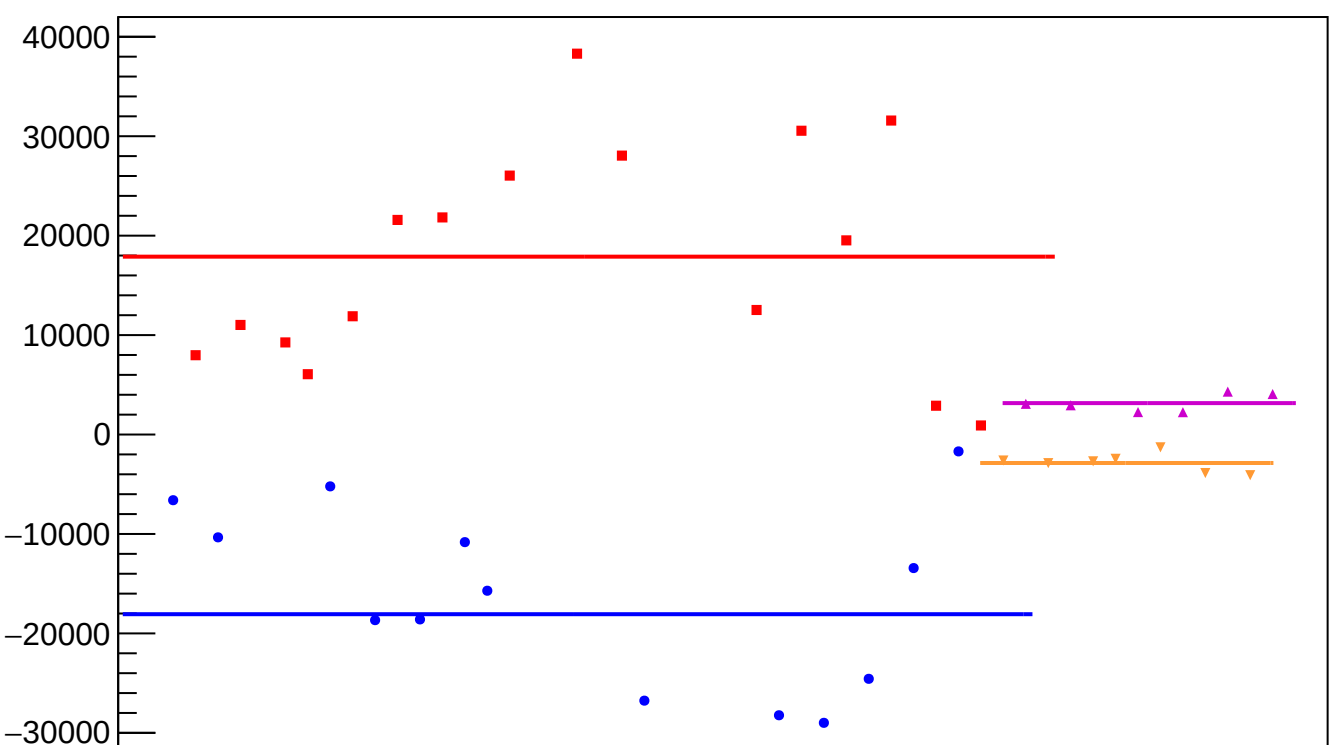
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 140.076+/-0.000 χ^2/NDF: 1008839608445844

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

Right: 155.704+/-0.000 χ^2/NDF: 587997392225656

Left Out: -2862.205+/-0.000 χ^2/NDF:4252435588331927905539888350675578388 48.0/6

In: -8696.603+/-0.000 χ^2/NDF:213765850163315

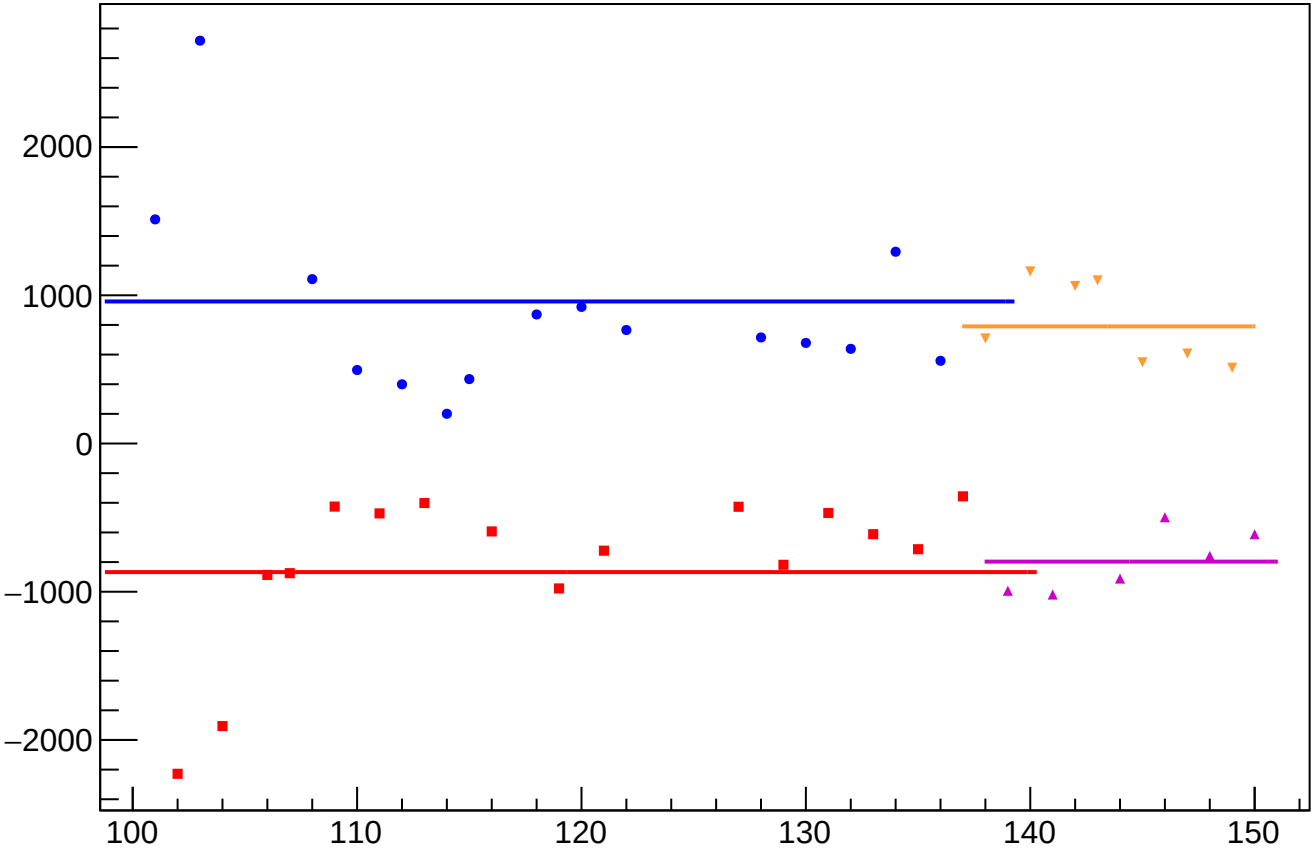
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301580 8.0/15

Out: 8837.276+/-0.000 χ^2/NDF:204099635644853

Left In: 3159.914+/-0.000 χ^2/NDF:3338252224729157468482502053946248396 80.0/5

All: 148.846+/-0.000 χ^2/NDF: 59808592934 6

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 790.285+/-0.000 χ^2/NDF:3556344737006441294349578314516424294 4.0/6

Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

Left In: -796.853+/-0.000 χ^2/NDF:1916473368147162252786332978651752038 4.0/5

Left: -0.970+/-0.000 χ^2/NDF: 7027373886972634 6

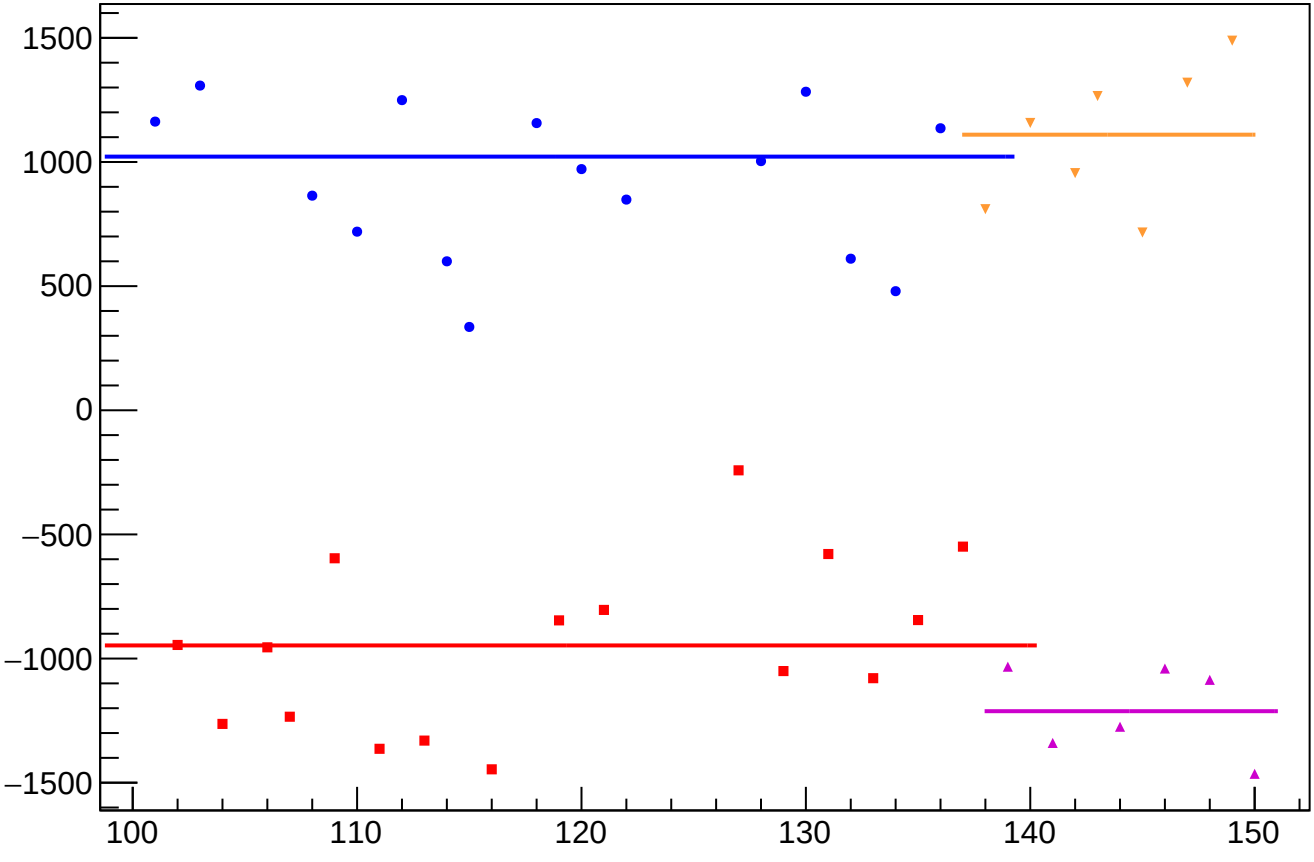
Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

In: 183.496+/-0.000 χ^2/NDF:1166653709519446 6

Out: -144.430+/-0.000 χ^2/NDF:105128262096680

All: 18.065+/-0.000 χ^2/NDF: 2280974016688

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

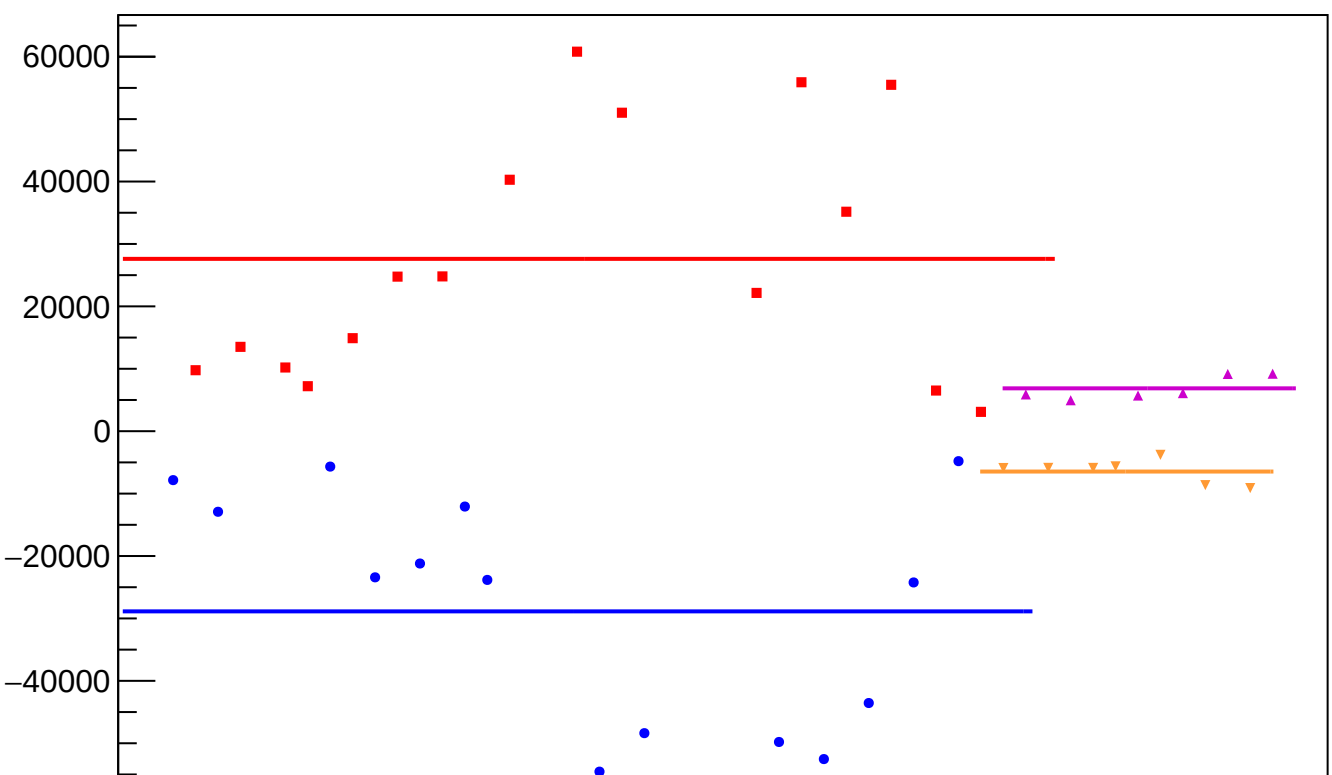
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 180.044+/-0.000 χ^2/NDF: 4887314429115015

Right In: -28868.624+/-0.000 χ^2/NDF: 2614507010957273629613676579265841243095 04.0/14

Right: -242.630+/-0.000 χ^2/NDF: 15588395560755

Left Out: -6466.088+/-0.000 χ^2/NDF:1655170158599476574377435613053459628032.0/6

In: -13092.917+/-0.000 χ^2/NDF:6288076039742 1

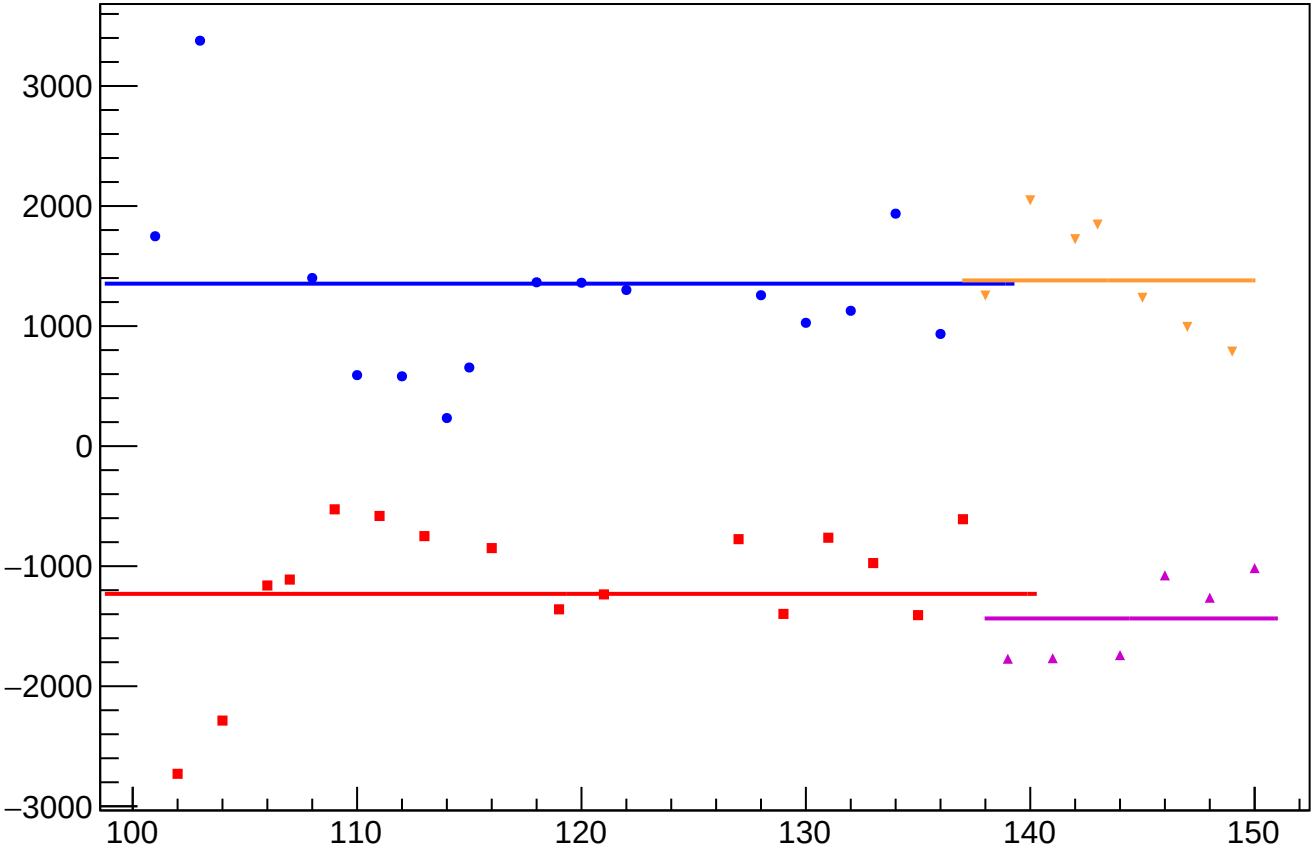
Right Out: 27610.848+/-0.000 χ^2/NDF: 2480979834775235049357515713844001185 46432.0/15

Out: 12747.197+/-0.000 χ^2/NDF:5875937822750 7

Left In: 6865.043+/-0.000 χ^2/NDF:1500136663781793472257305015723541659648.0/5

All: -57.158+/-0.000 χ^2/NDF: 160781586711

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -23.371+/-0.000 χ^2/NDF: 2196295713455274

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1380.470+/-0.000 χ^2/NDF:1005746790985076534497090533511229603 84.0/6

In: 122.198+/-0.000 χ^2/NDF:2637270027950438

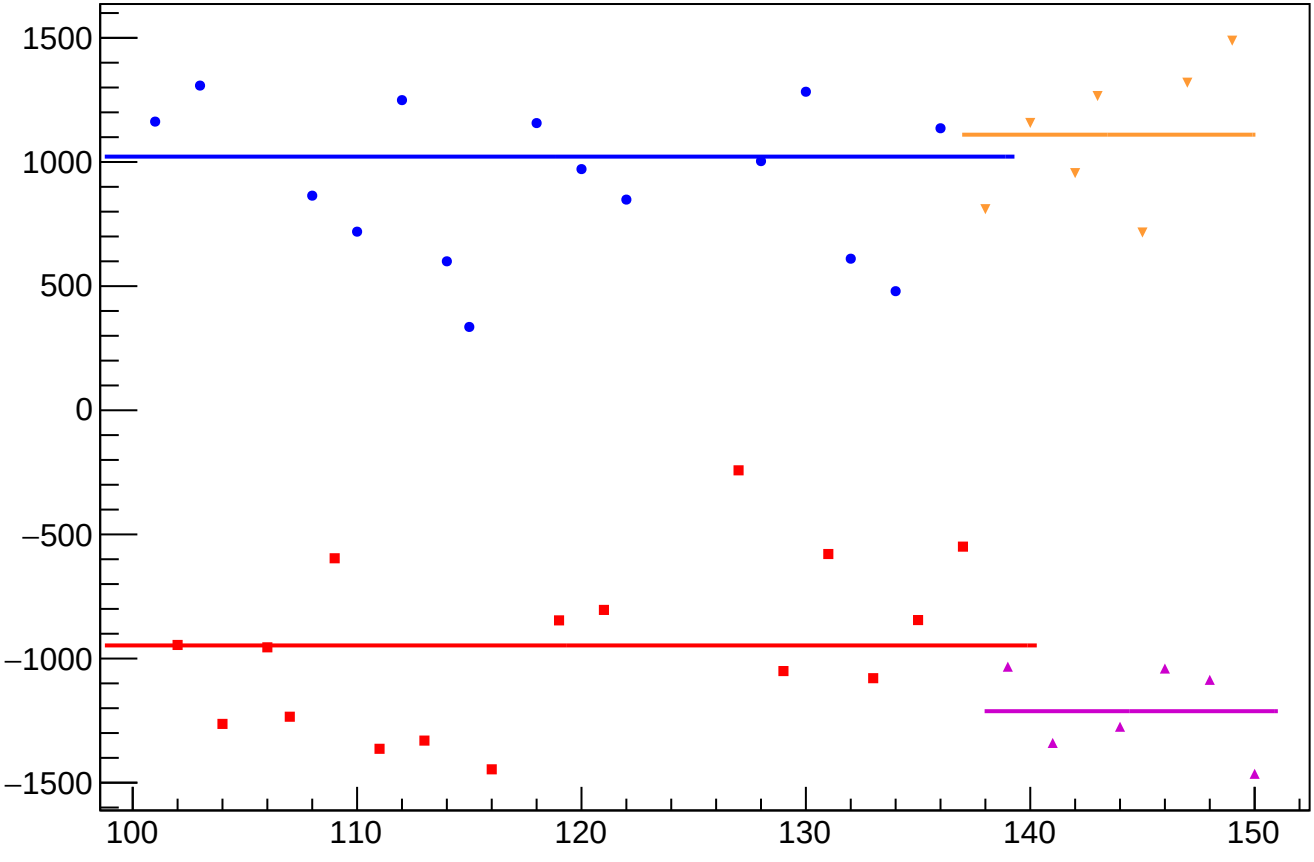
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: -91.724+/-0.000 χ^2/NDF:2361094368425802

Left In: -1435.421+/-0.000 χ^2/NDF:5594034260629796246593971097816583372 8.0/5

All: 14.279+/-0.000 χ^2/NDF: 5025190555332

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

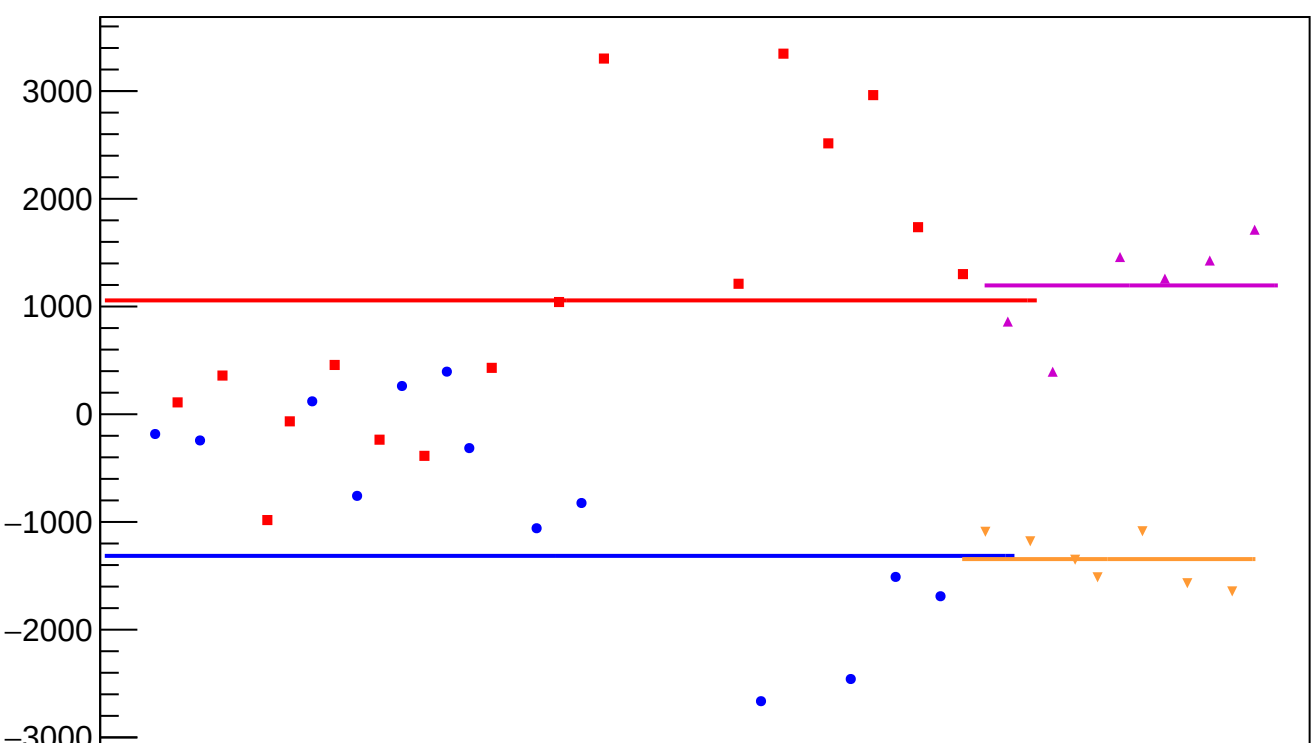
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

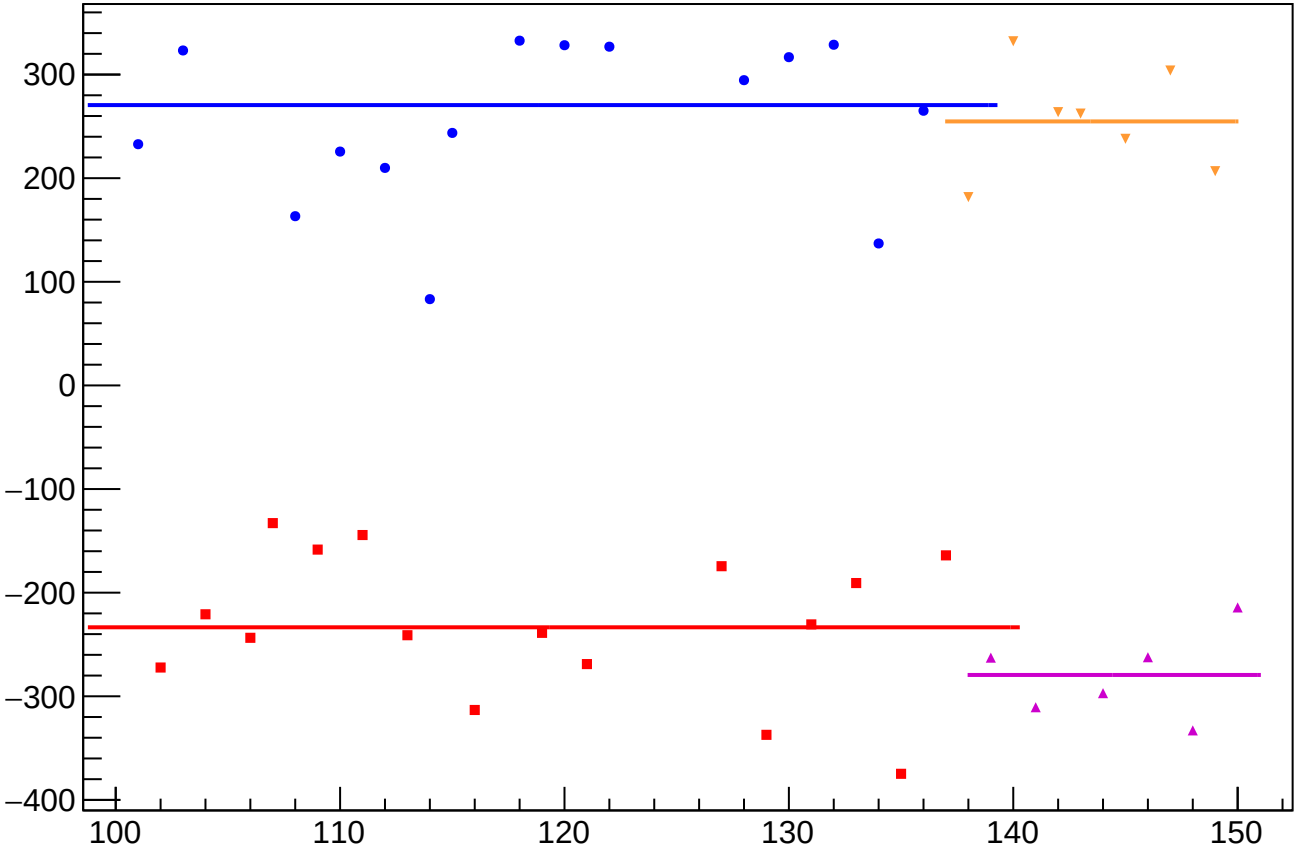
All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -78.180+/-0.000 χ^2/NDF: 1785407539887203
Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1344.738+/-0.000 χ^2/NDF:260465449602358038914084040519964426 24.0/6
In: -206.417+/-0.000 χ^2/NDF:2871023524819913
Right Out: 1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
Out: 9.279+/-0.000 χ^2/NDF:28310542166850293 2
Left In: 1195.784+/-0.000 χ^2/NDF:990177392920624176431826182837968568 32.0/5
All: -97.603+/-0.000 χ^2/NDF: 572935066887

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -11.540+/-0.000 χ^2/NDF: 7551191252882906

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 254.779+/-0.000 χ^2/NDF:1319099158222270735118568843078795264.0/6

In: 27.744+/-0.000 χ^2/NDF:899154089508679111

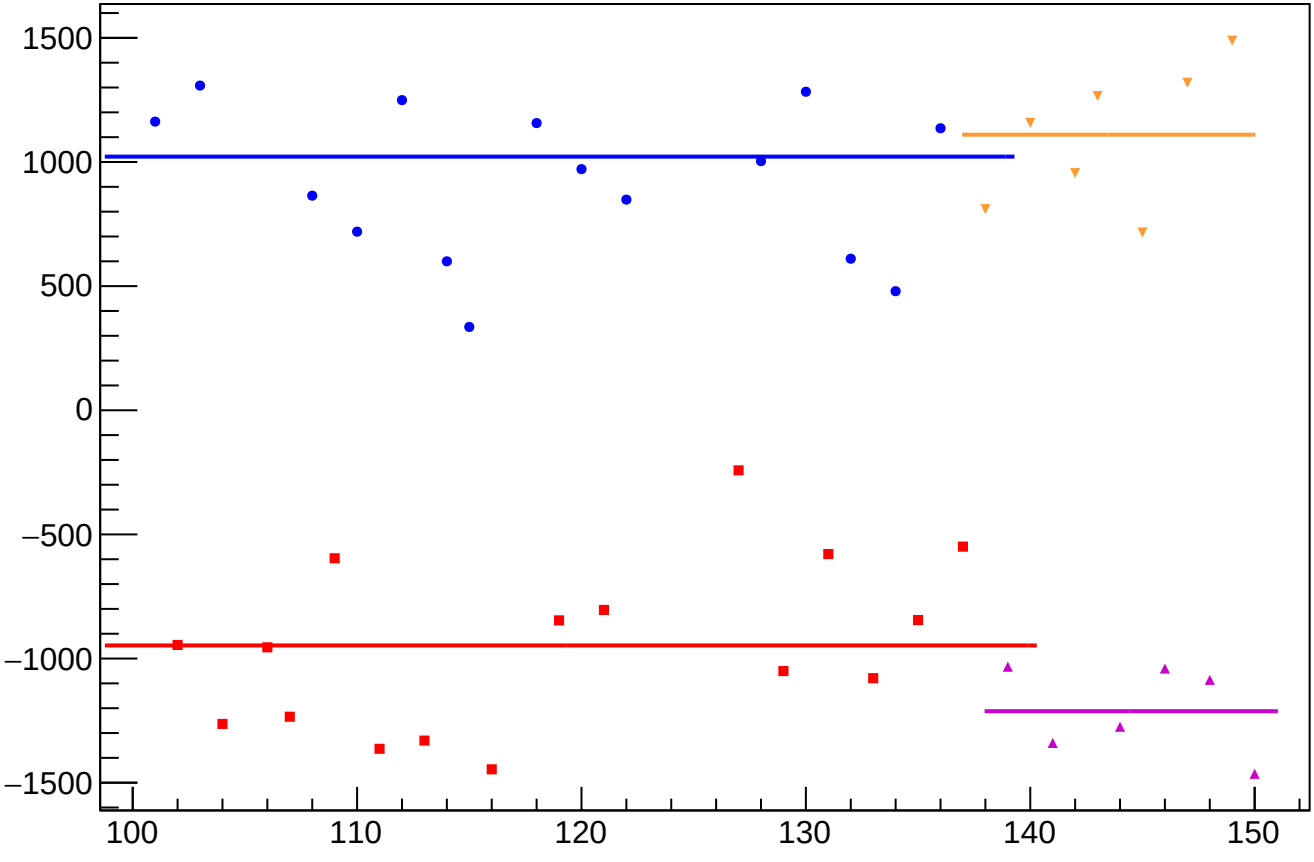
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: -20.478+/-0.000 χ^2/NDF:7370790846674286

Left In: -279.416+/-0.000 χ^2/NDF:7836194016736716387182862413447823 36.0/5

All: 3.417+/-0.000 χ^2/NDF: 1649864916517

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

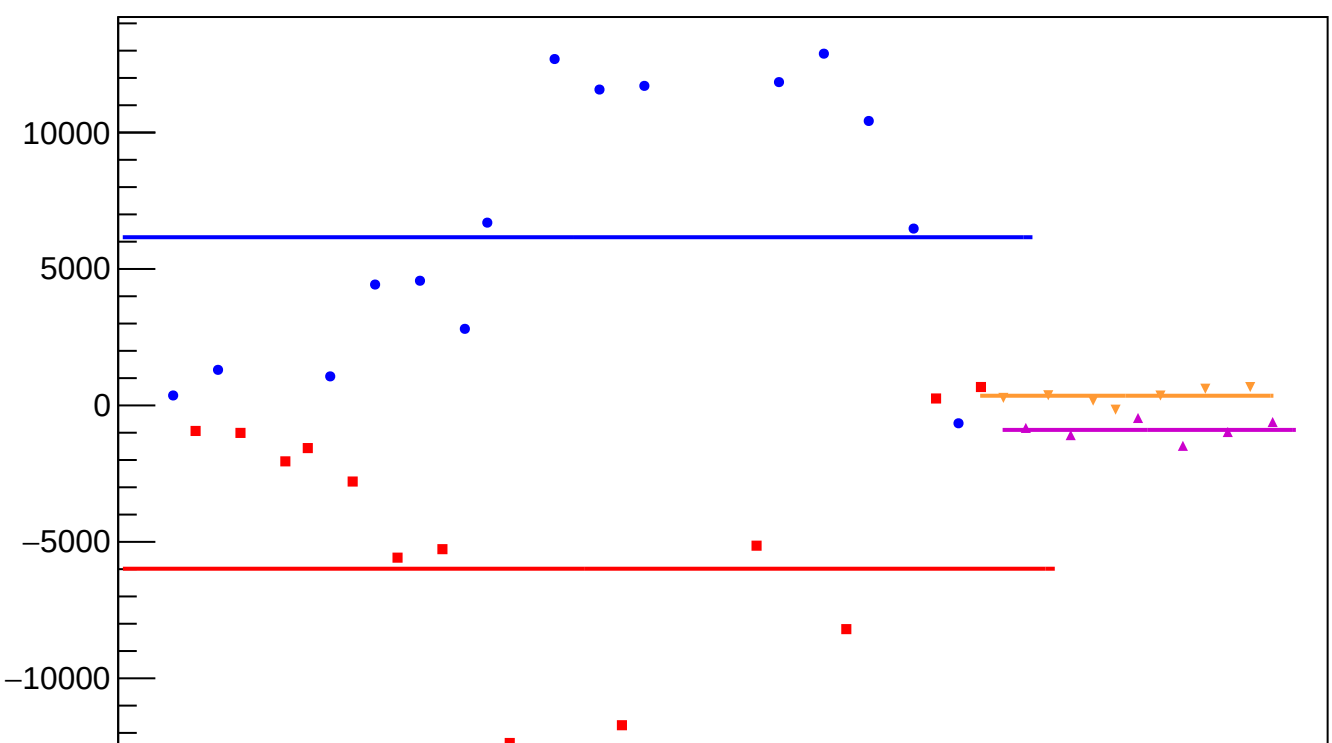
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -269.108+/-0.000 χ^2/NDF: 493412274136516

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602

Left Out: 355.150+/-0.000 χ^2/NDF:331714524255259605631373621109047951 36.0/6

In: 3046.391+/-0.000 χ^2/NDF:3254060803172835

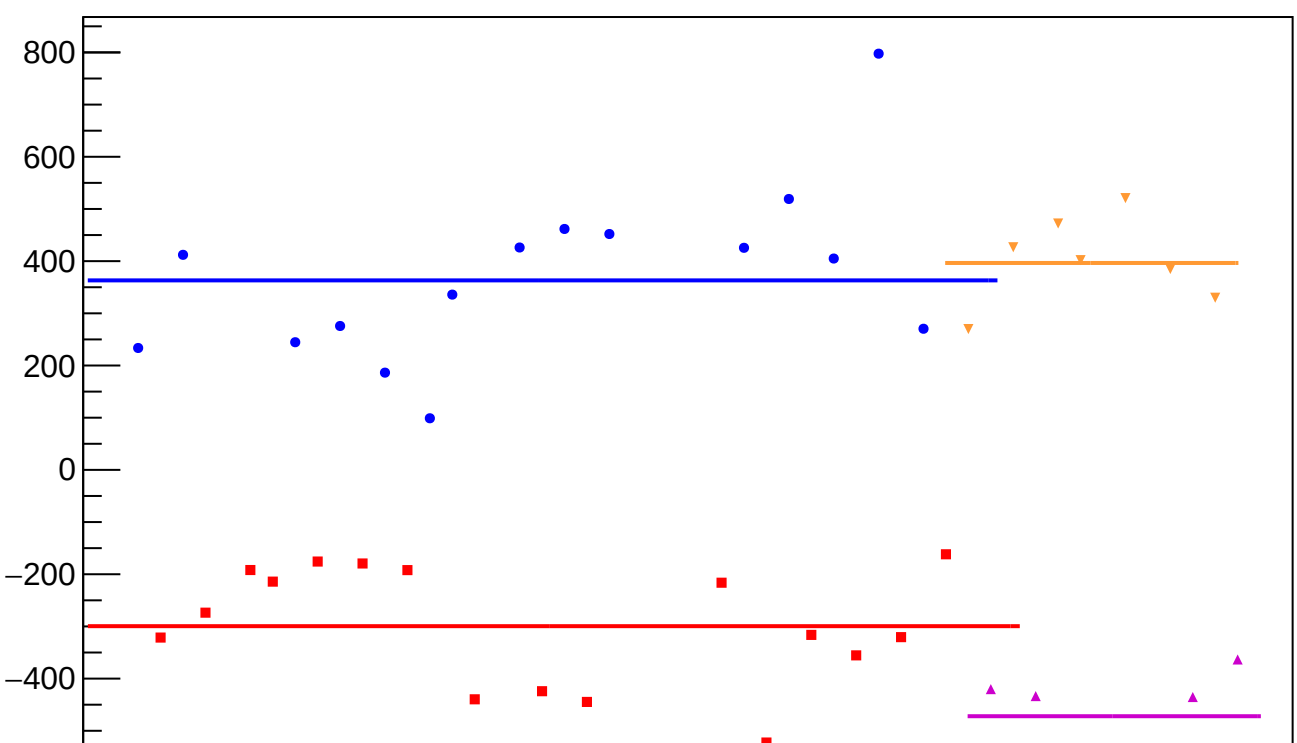
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -3218.925+/-0.000 χ^2/NDF:29228947767014

Left In: -897.017+/-0.000 χ^2/NDF:5689661499235122847660054618259115212 8.0/5

All: -114.321+/-0.000 χ^2/NDF: 84780474565

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -36.513+/-0.000 χ^2/NDF: 2013253052944528

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 396.516+/-0.000 χ^2/NDF:3225330271018950598709776465979768832.0/6

In: -5.595+/-0.000 χ^2/NDF:215391122965629374

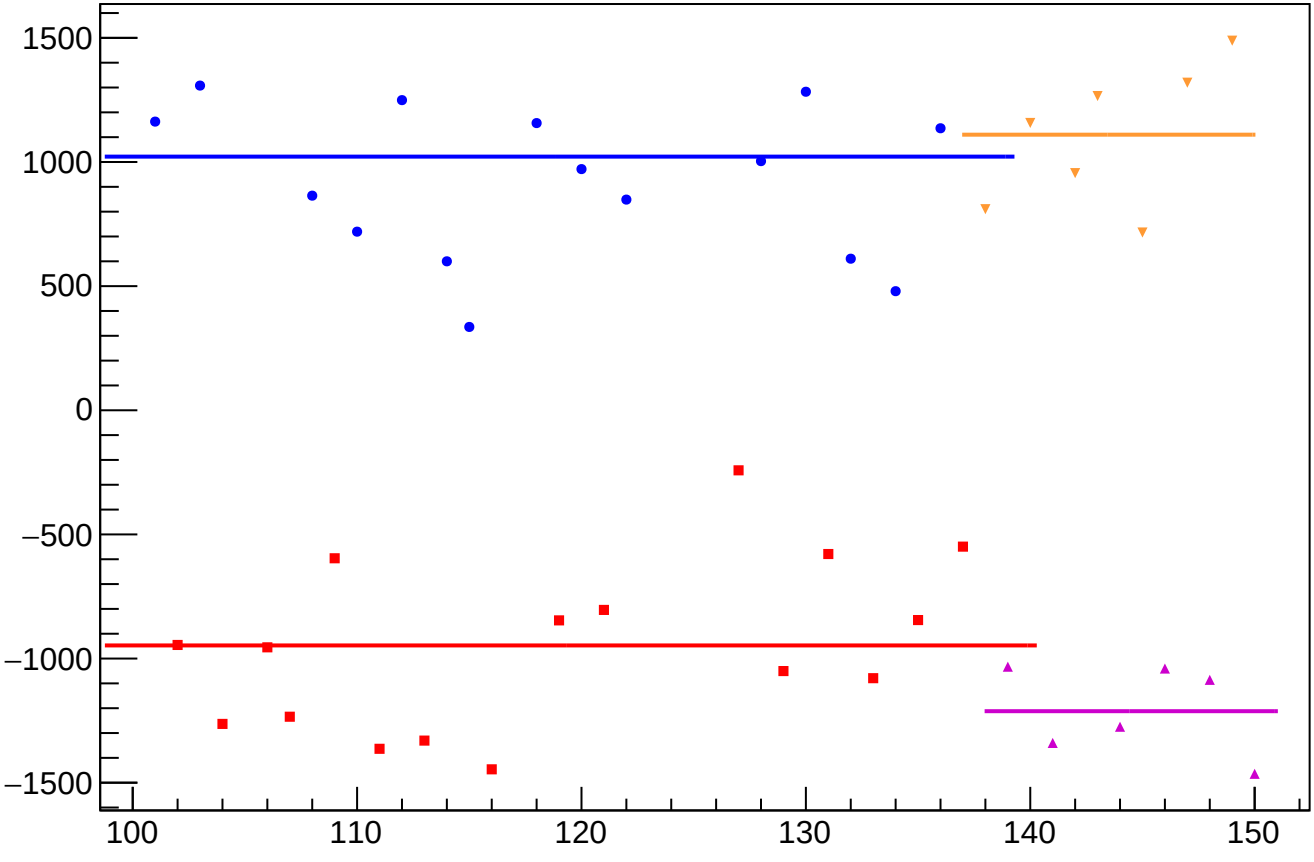
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 4.080+/-0.000 χ^2/NDF:151855015357089974

Left In: -472.075+/-0.000 χ^2/NDF:4019330745758910046890744658597511168.0/5

All: -0.714+/-0.000 χ^2/NDF: 3673010008152

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

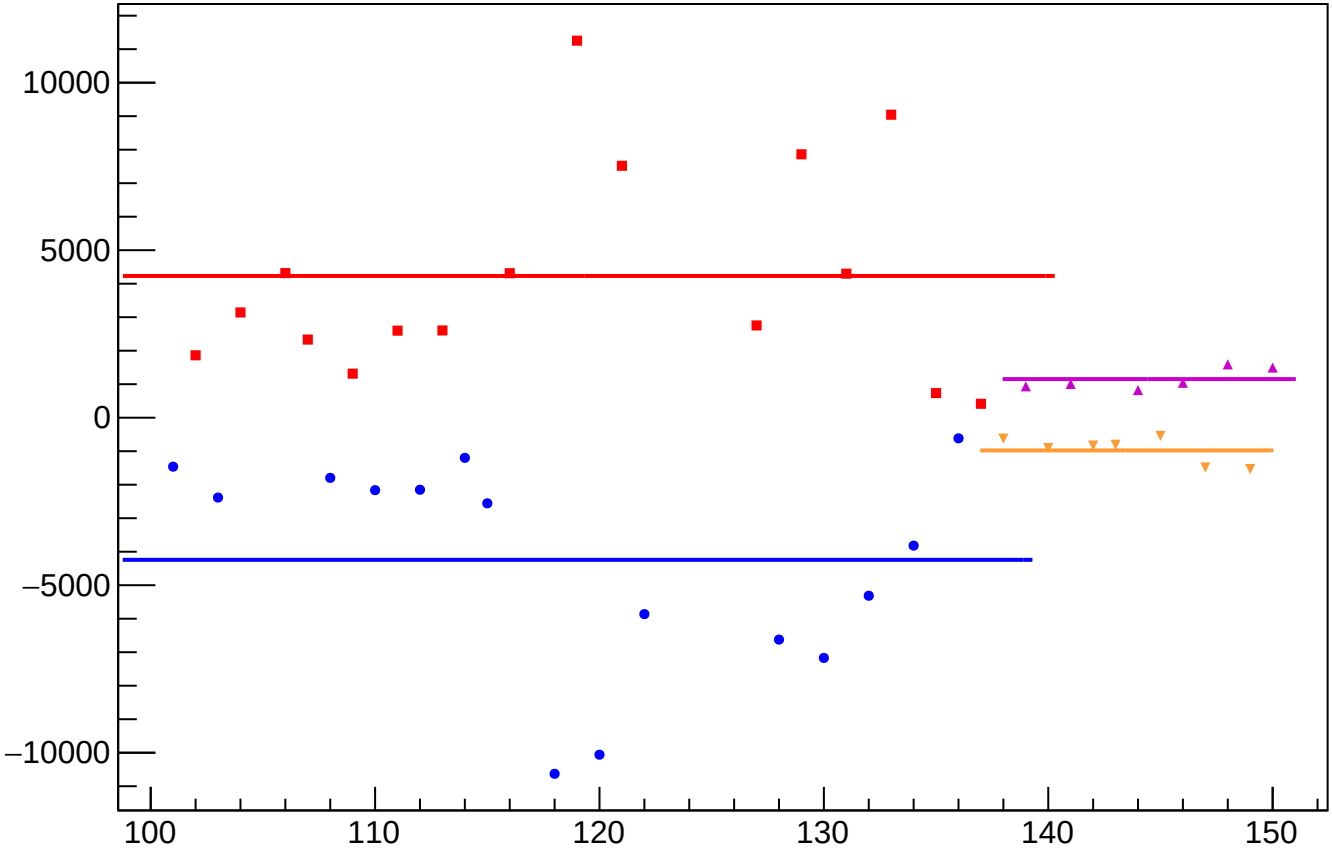
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 85.476+/-0.000 χ^2/NDF: 1283647162579001

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -975.984+/-0.000 χ^2/NDF:74427071120398912391090736576161906688.0/6

In: -1860.249+/-0.000 χ^2/NDF:151669989662467

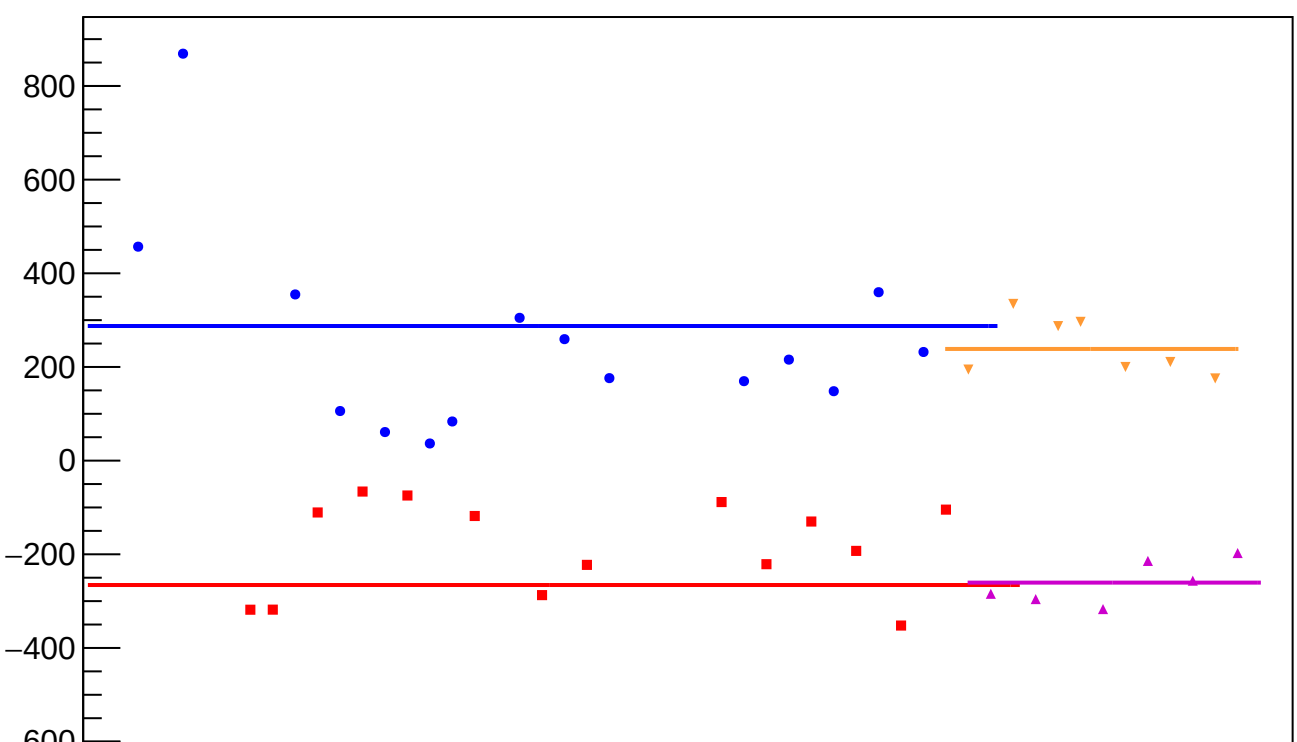
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1959.810+/-0.000 χ^2/NDF:146447042859061

Left In: 1153.142+/-0.000 χ^2/NDF:430697750982684426665093370665322414 08.0/5

All: 66.885+/-0.000 χ^2/NDF: 3836607349347

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -10.272+/-0.000 χ^2/NDF: 6677673146731892

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 238.476+/-0.000 χ^2/NDF:17564849152246899440736484648665743 36.0/6

In: 45.558+/-0.000 χ^2/NDF:11651755997107971 8

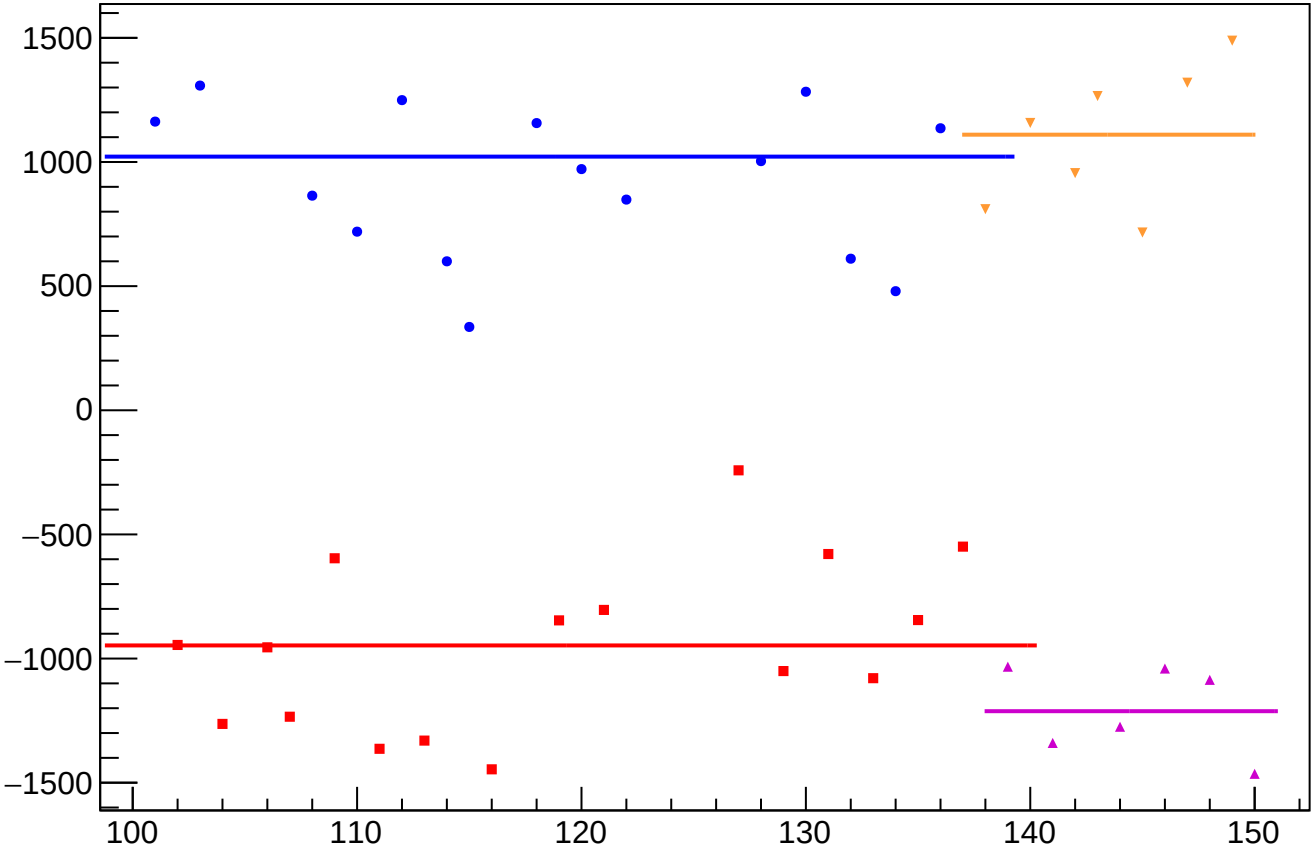
Right Out: -265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

Out: -45.728+/-0.000 χ^2/NDF:1015212968167205

Left In: -260.475+/-0.000 χ^2/NDF:97786108282116102276817546394782 9248.0/5

All: -0.494+/-0.000 χ^2/NDF: 2229237431518

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

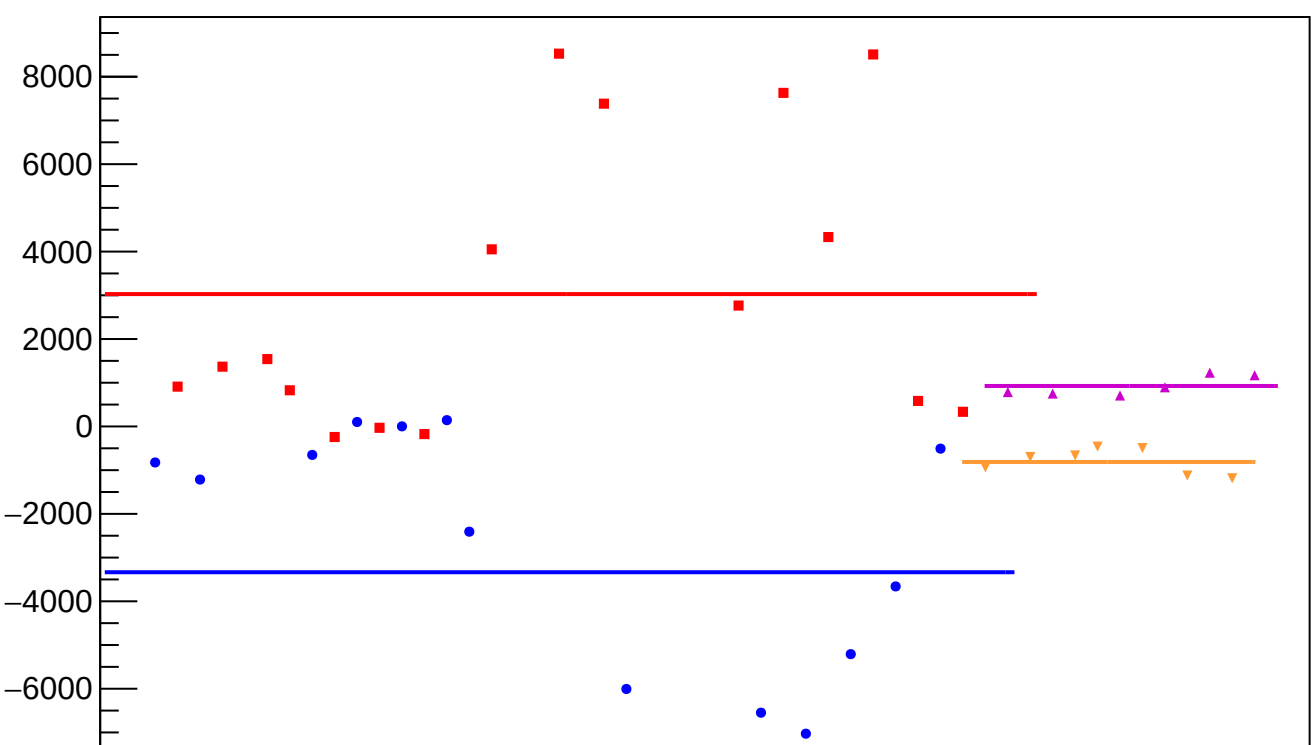
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

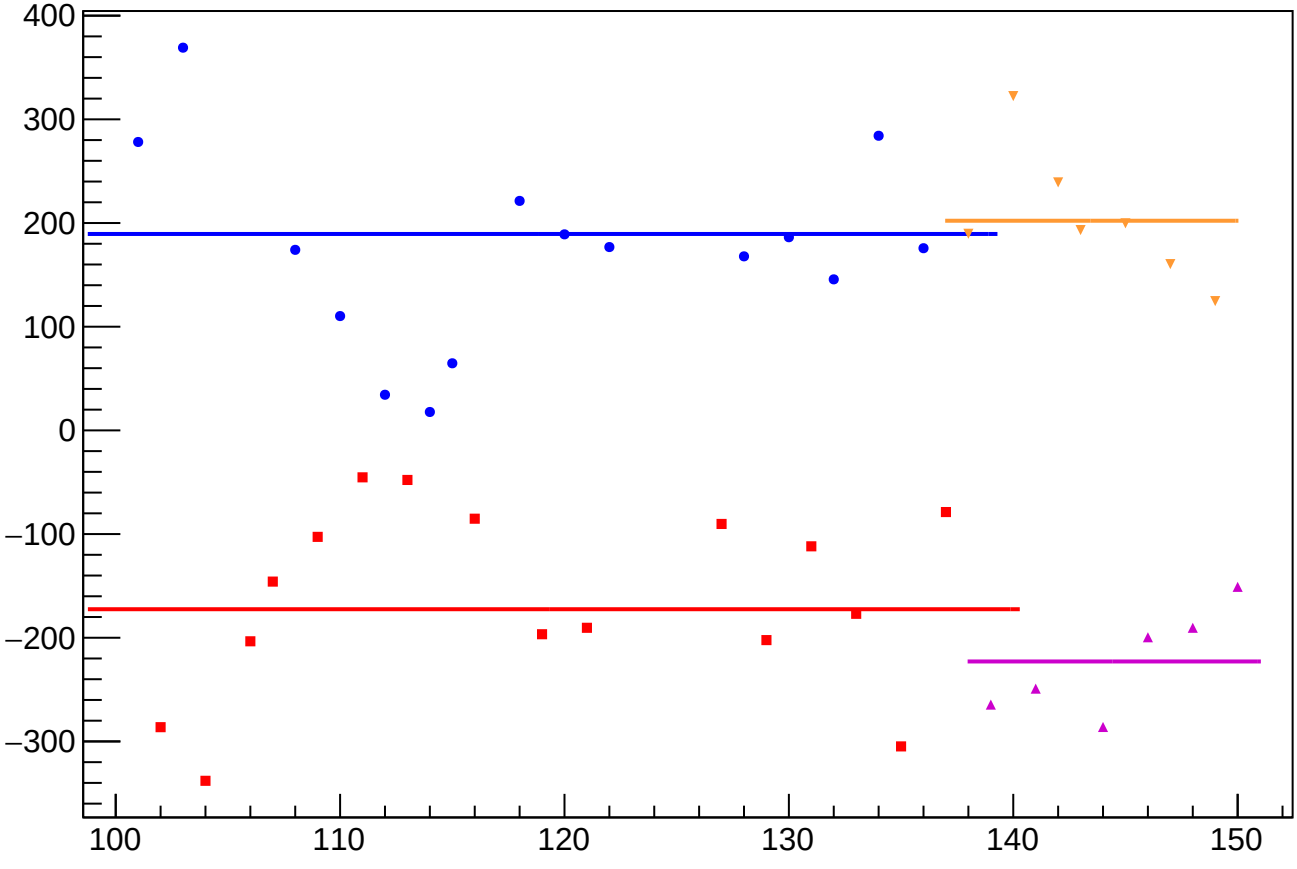
All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 54.016+/-0.000 χ^2/NDF: 8379767446105981
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -812.615+/-0.000 χ^2/NDF:389834420102706600841795631068856975 36.0/6
In: -1454.130+/-0.000 χ^2/NDF:115618063411566
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 1352.580+/-0.000 χ^2/NDF:114155884971387
Left In: 925.716+/-0.000 χ^2/NDF:2164263818024002054837654445028592844 8.0/5
All: -38.208+/-0.000 χ^2/NDF: 275952796051

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -9.719+/-0.000 χ^2/NDF: 49549245151720515

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 202.201+/-0.000 χ^2/NDF:190753726634329978003020685260724633 6.0/6

In: 7.411+/-0.000 χ^2/NDF:5457701046670971552

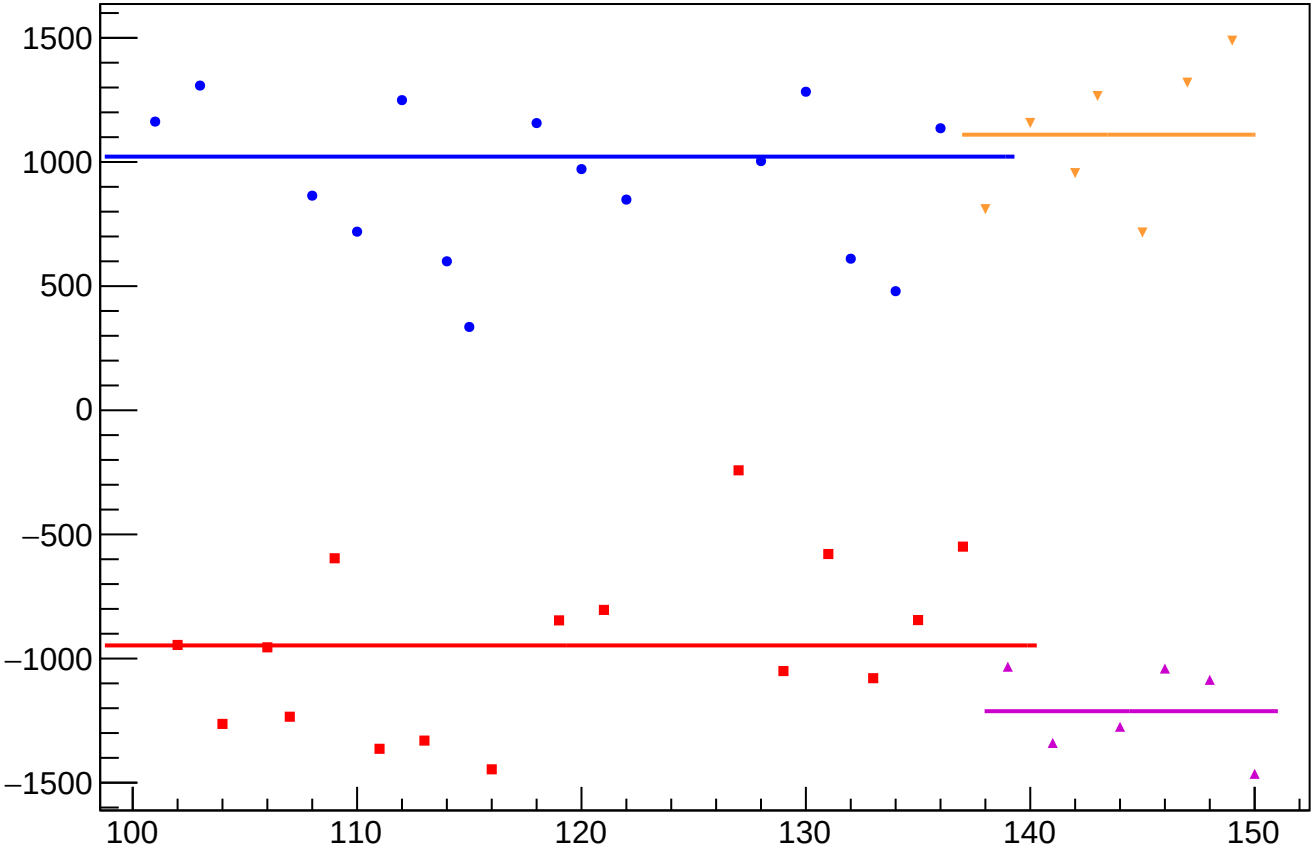
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: -9.055+/-0.000 χ^2/NDF:48345941282231708

Left In: -222.877+/-0.000 χ^2/NDF:1159271731491515176692868797322756096.0/5

All: -0.896+/-0.000 χ^2/NDF: 1030818821673

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -47.590+/-0.000 χ^2/NDF: 1438931135239384

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1110.045+/-0.000 χ^2/NDF:3796951790679198541499242920652518195 2.0/6

In: 35.559+/-0.000 χ^2/NDF:1483952381999602 23

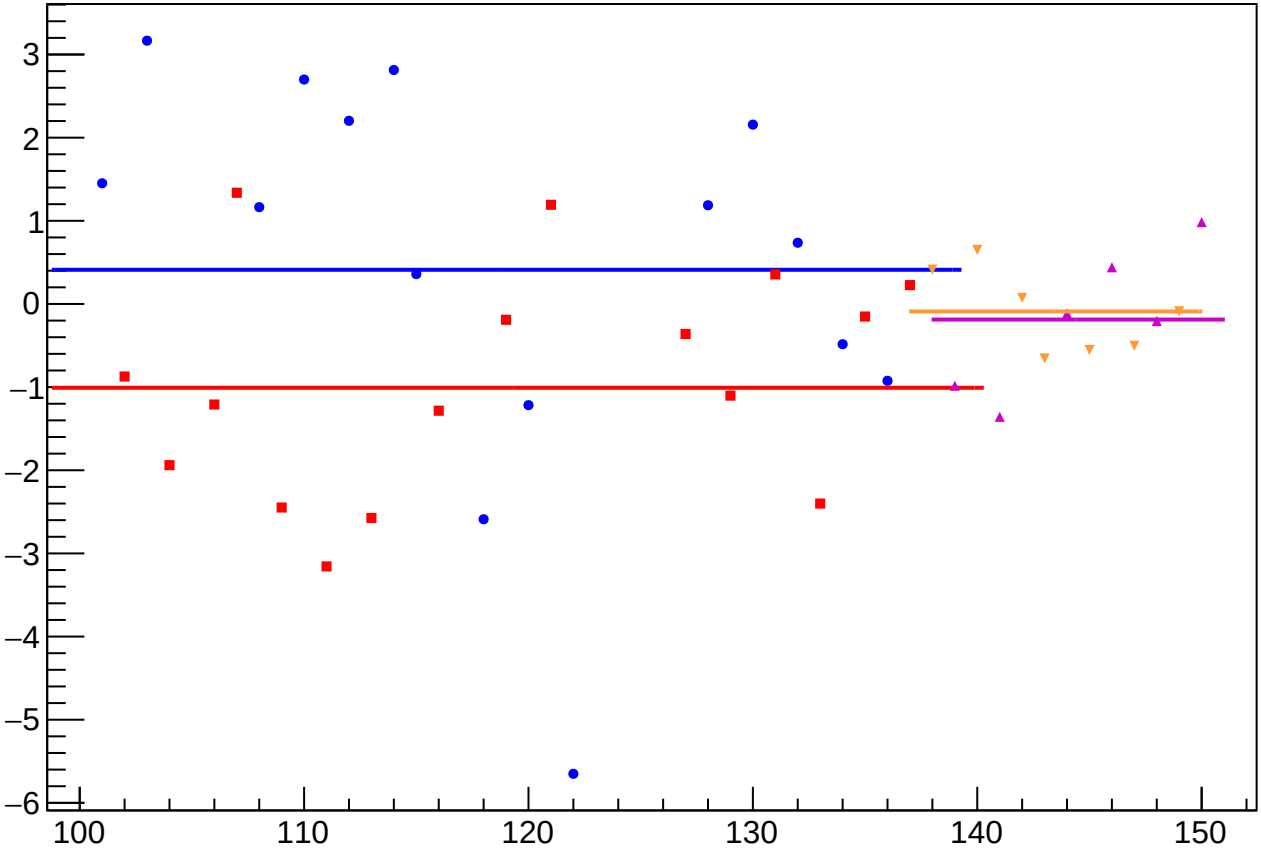
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: -49.842+/-0.000 χ^2/NDF:1336985340490774

Left In: -1211.994+/-0.000 χ^2/NDF:1391643335496753266105249101124730880 0.0/5

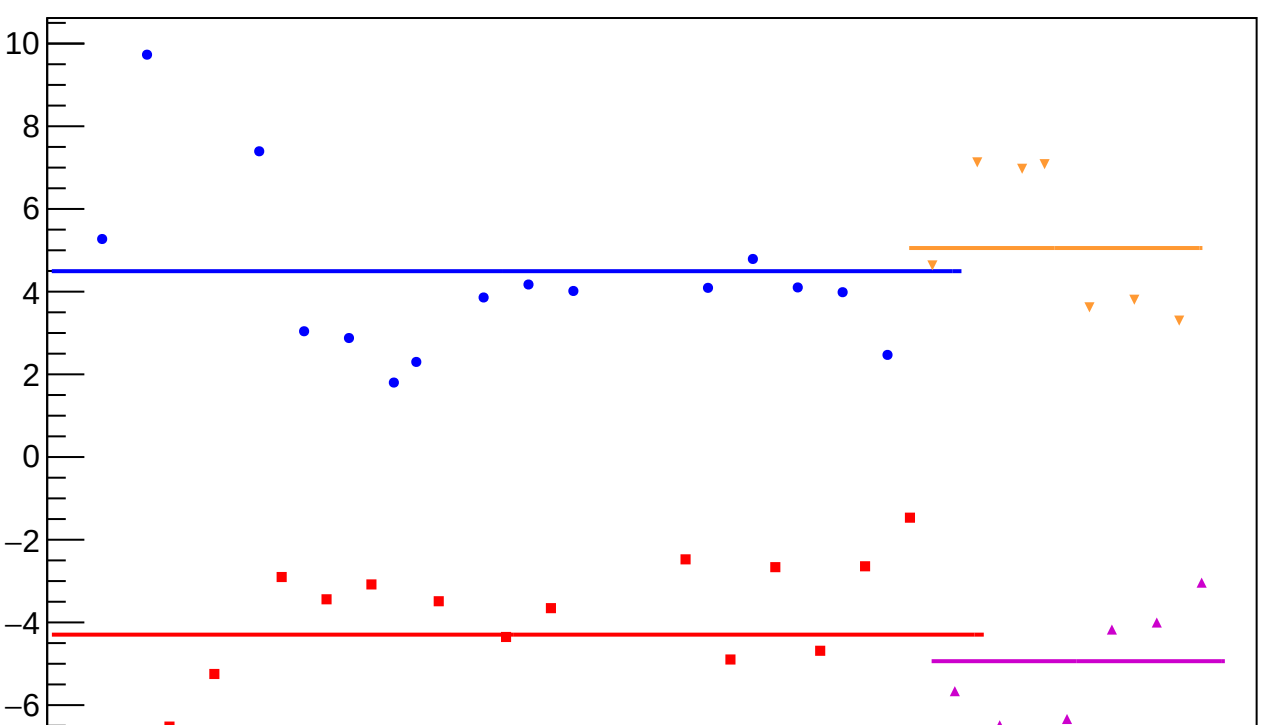
All: -7.524+/-0.000 χ^2/NDF: 2825213125583

dit_4aX_coil4_mean vs Slug, Sign Corrected



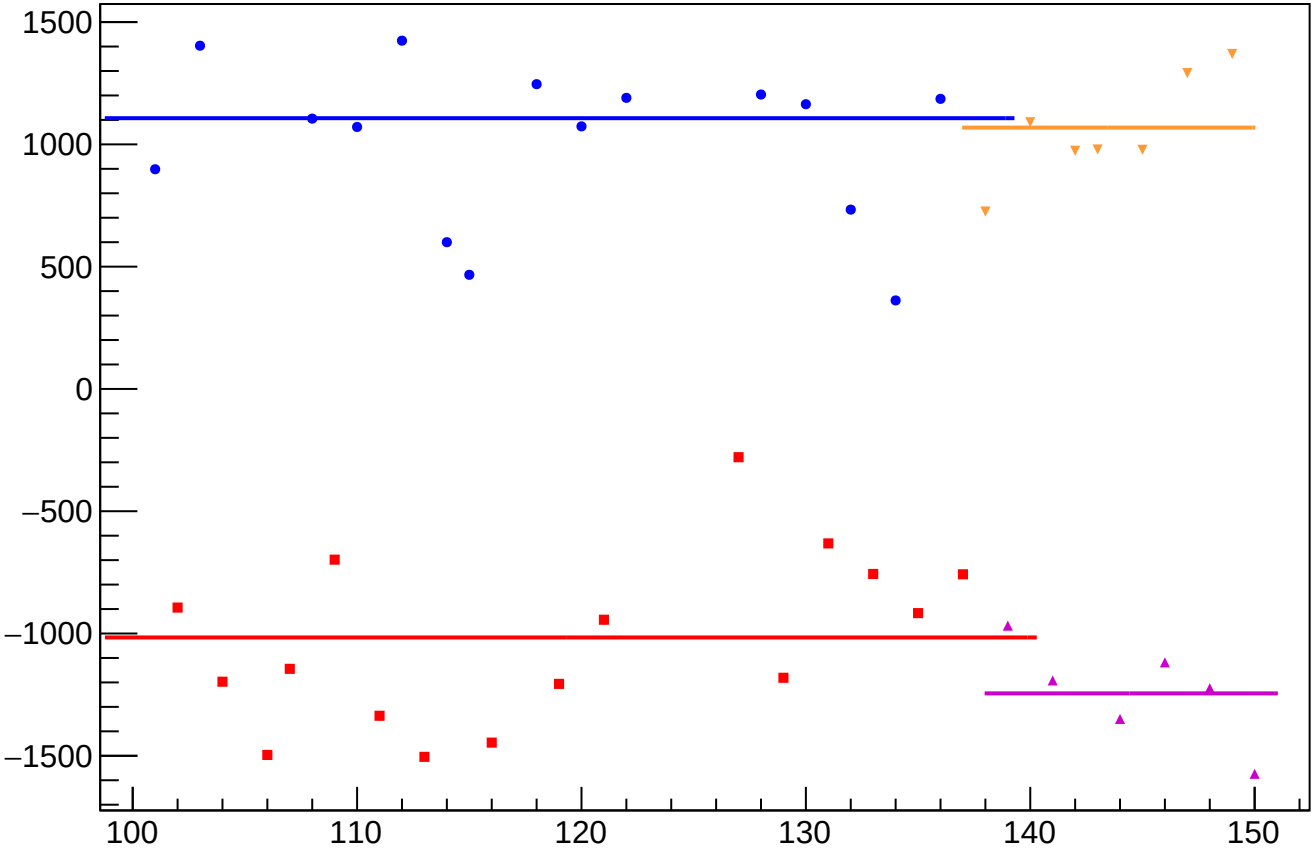
Left: -0.139+/-0.000 χ^2/NDF: 4462095609695557
Right In: 0.411+/-0.000 χ^2/NDF: 3385573506255563170053089820409856.0/14
Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172
Left Out: -0.090+/-0.000 χ^2/NDF:1178872729993153161736013794508 80.0/6
In: 0.147+/-0.000 χ^2/NDF:381416447230392330
Right Out: -1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15
Out: -0.607+/-0.000 χ^2/NDF:1491405380697595
Left In: -0.188+/-0.000 χ^2/NDF:3258697203446008276986993972346 88.0/5
All: -0.234+/-0.000 χ^2/NDF: 5639102999499

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.073+/-0.000 χ^2/NDF: 27915113579887320
Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14
Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041
Left Out: 5.055+/-0.000 χ^2/NDF:135769213409203832408599364108288 0.0/6
In: 0.331+/-0.000 χ^2/NDF:291066655272578349 2
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15
Out: -0.217+/-0.000 χ^2/NDF:28806689672121800
Left In: -4.938+/-0.000 χ^2/NDF:87097376659934050626661896106803 2.0/5
All: 0.054+/-0.000 χ^2/NDF: 58089300459520

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

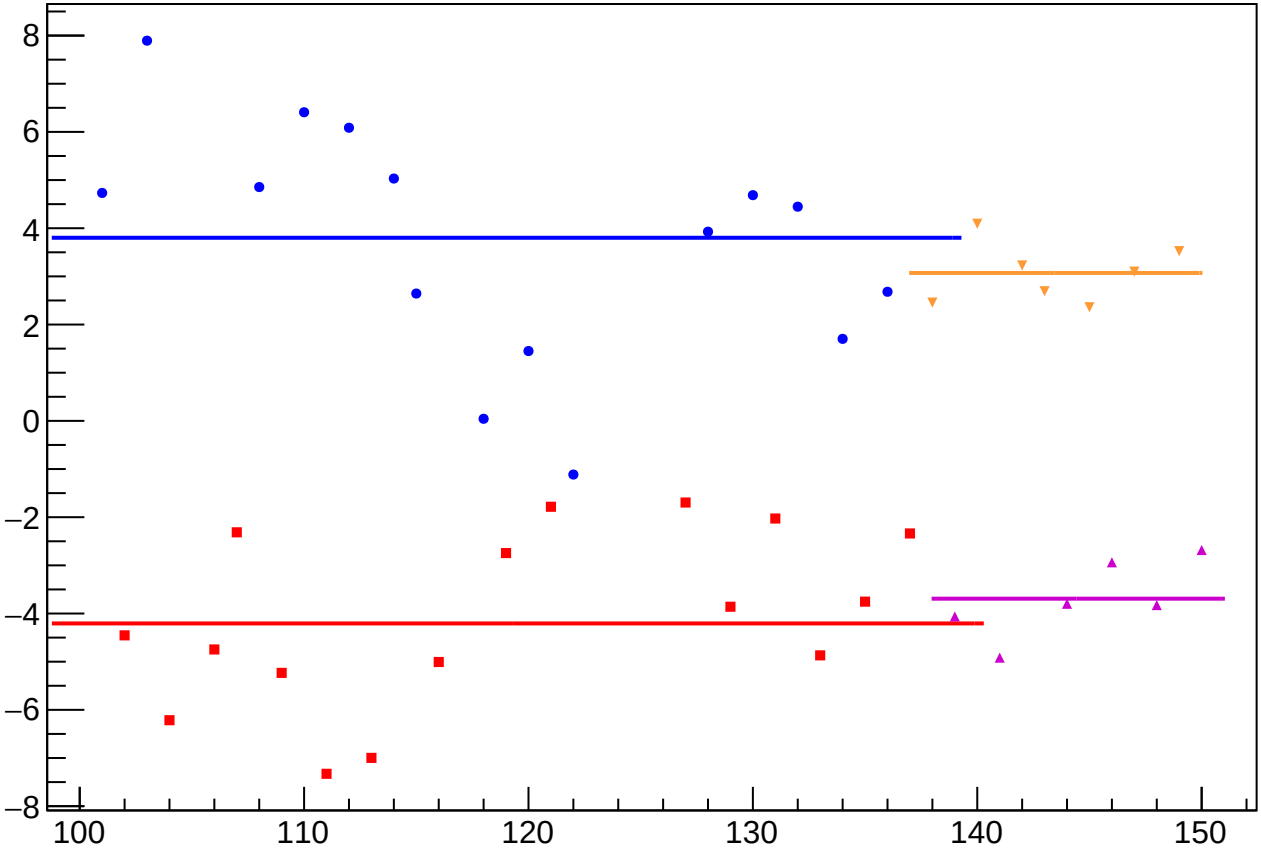
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.300+/-0.000 χ^2/NDF: 12232423674004221

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.072+/-0.000 χ^2/NDF:18439420862243825567018965689958 4.0/6

In: 0.494+/-0.000 χ^2/NDF:201660833892338550 8

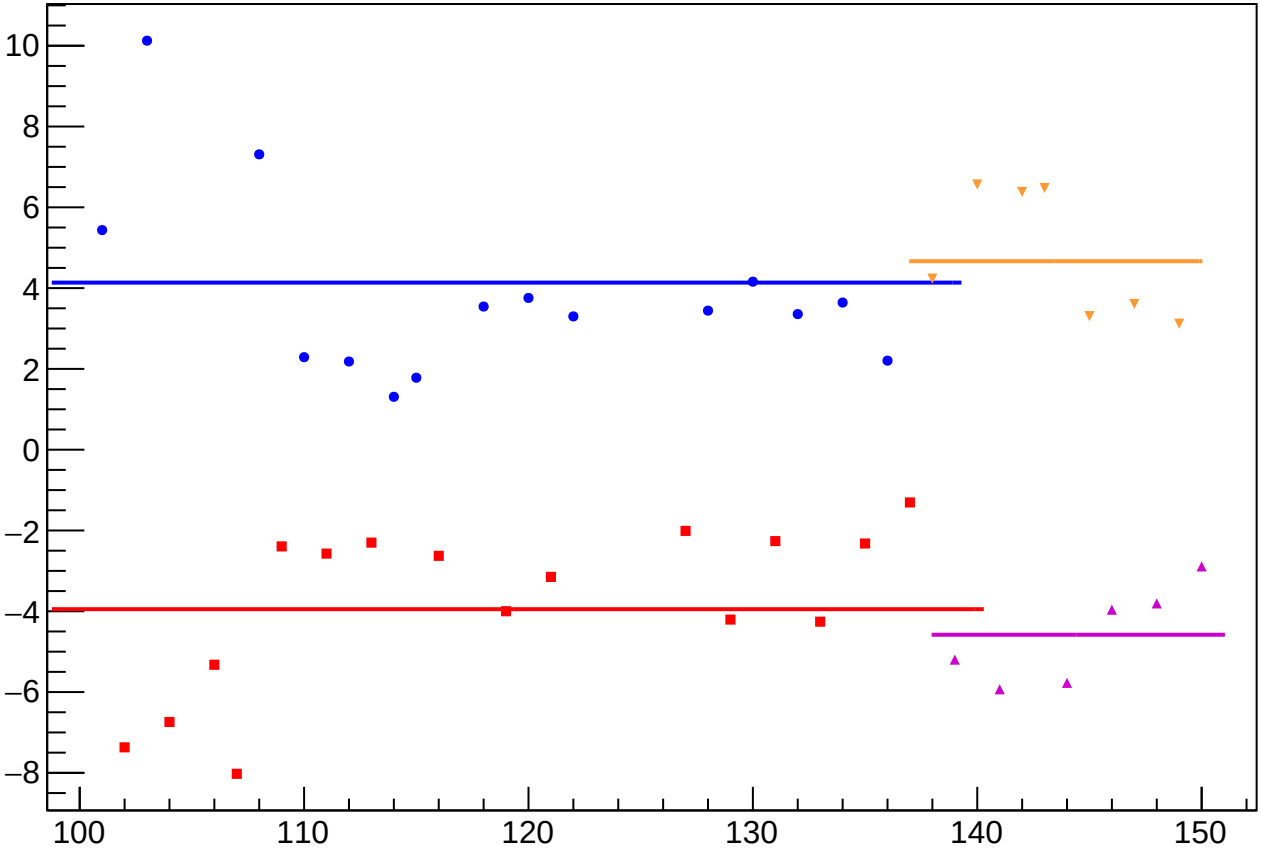
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: -1.032+/-0.000 χ^2/NDF:1768817655898544 1

Left In: -3.692+/-0.000 χ^2/NDF:28124617372544282150143777780531 2.0/5

All: -0.276+/-0.000 χ^2/NDF: 3921790226539

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.056+/-0.000 χ^2/NDF: 237537745492646431

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.666+/-0.000 χ^2/NDF:1103303027211914870601061639389184.0/6

In: 0.288+/-0.000 χ^2/NDF:2593540915054195156

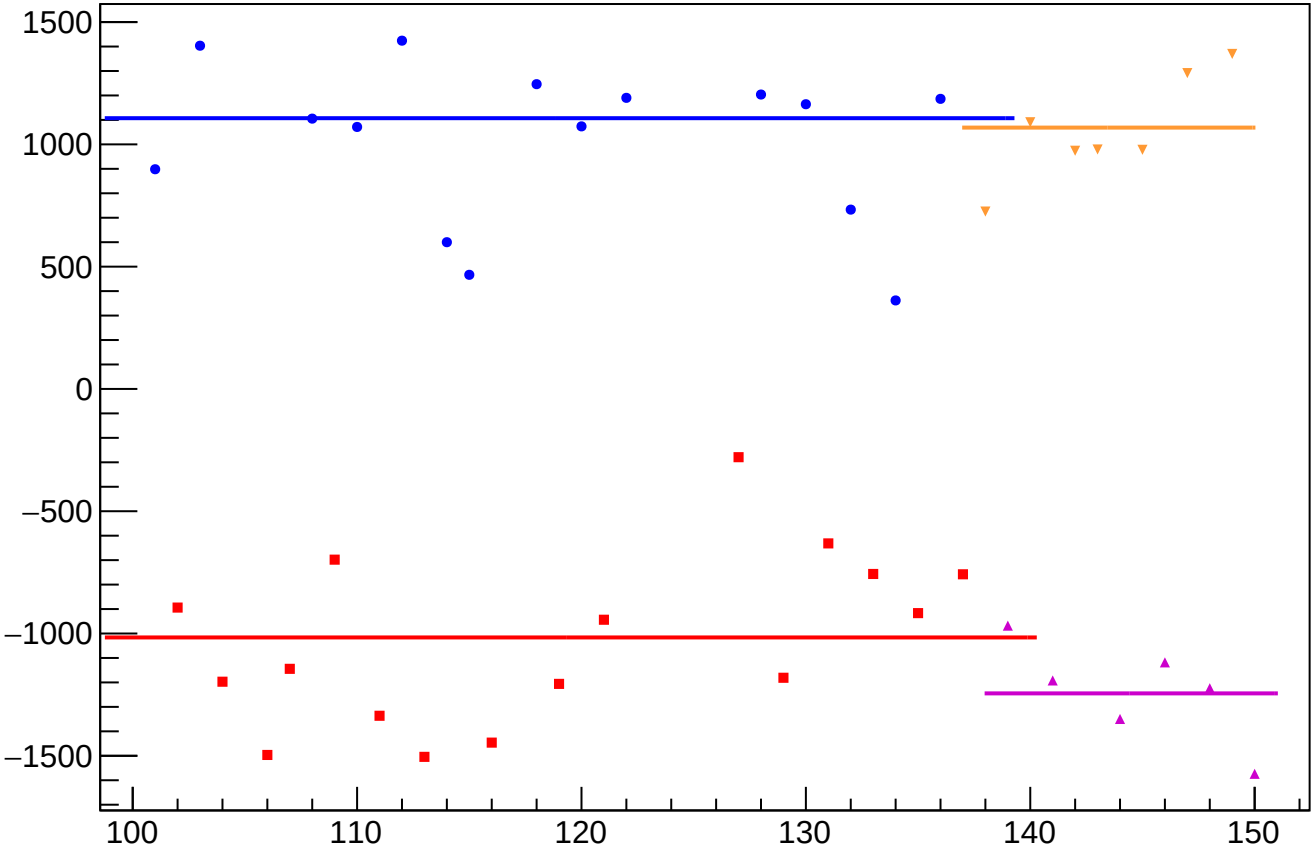
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005 1456.0/15

Out: -0.191+/-0.000 χ^2/NDF:25362603018774005

Left In: -4.581+/-0.000 χ^2/NDF:6545393742130095378439441618042 88.0/5

All: 0.046+/-0.000 χ^2/NDF: 5143243708972 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

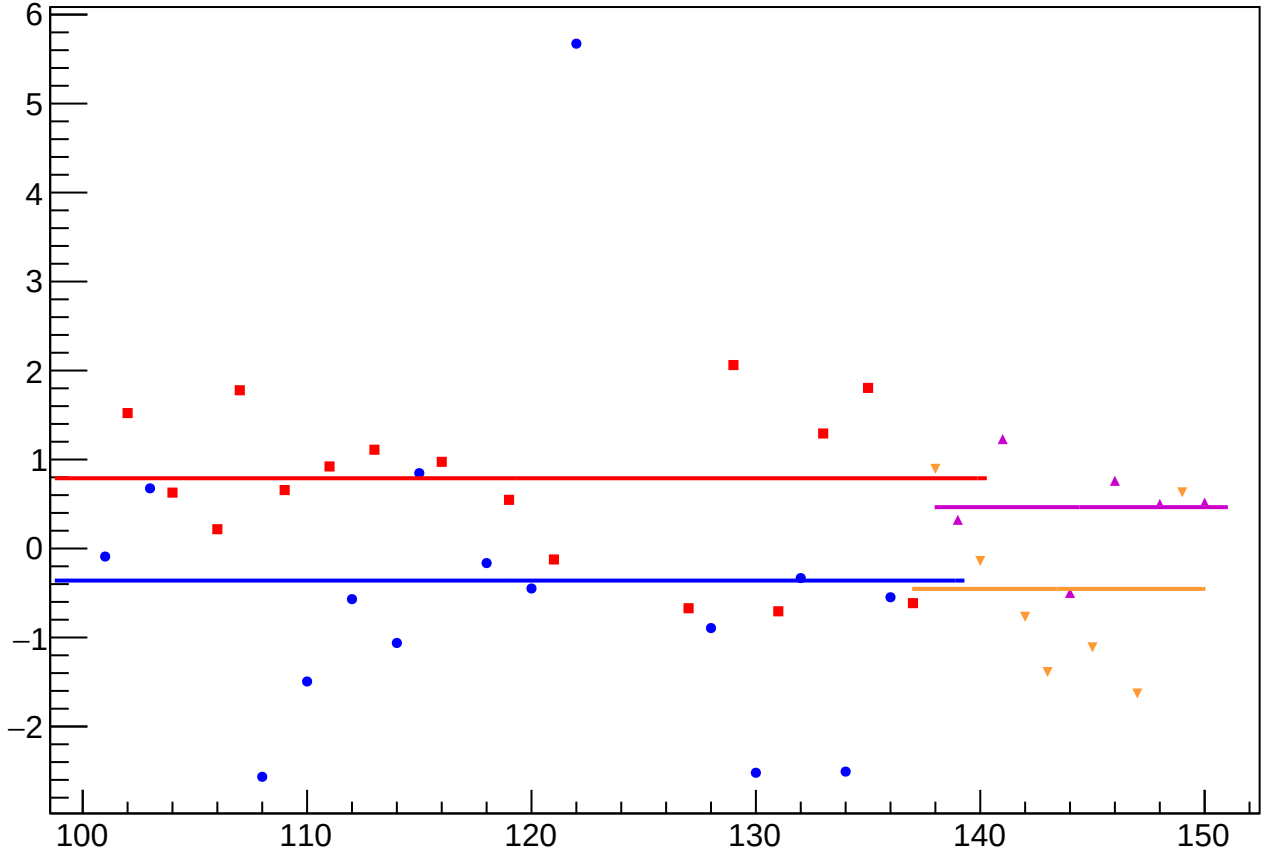
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 813424838143481252

Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

Right: 0.223+/-0.000 χ^2/NDF: 30782158054306257

Left Out: -0.454+/-0.000 χ^2/NDF:4546334624170368470709611905679 36.0/6

In: 0.004+/-0.000 χ^2/NDF:2517000952012335345

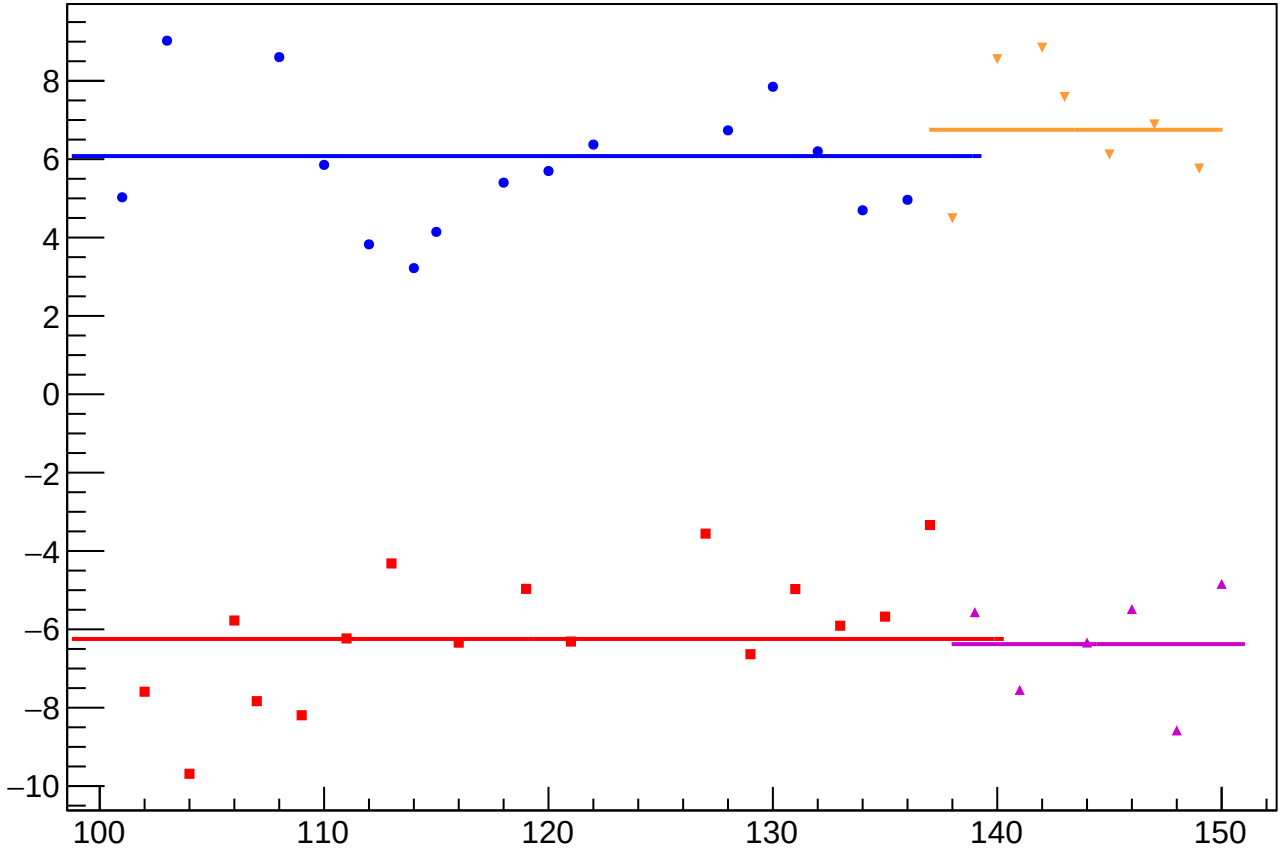
Right Out: 0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

Out: 0.247+/-0.000 χ^2/NDF:13674963363132555 6

Left In: 0.465+/-0.000 χ^2/NDF:1417068634696419225755804049080 32.0/5

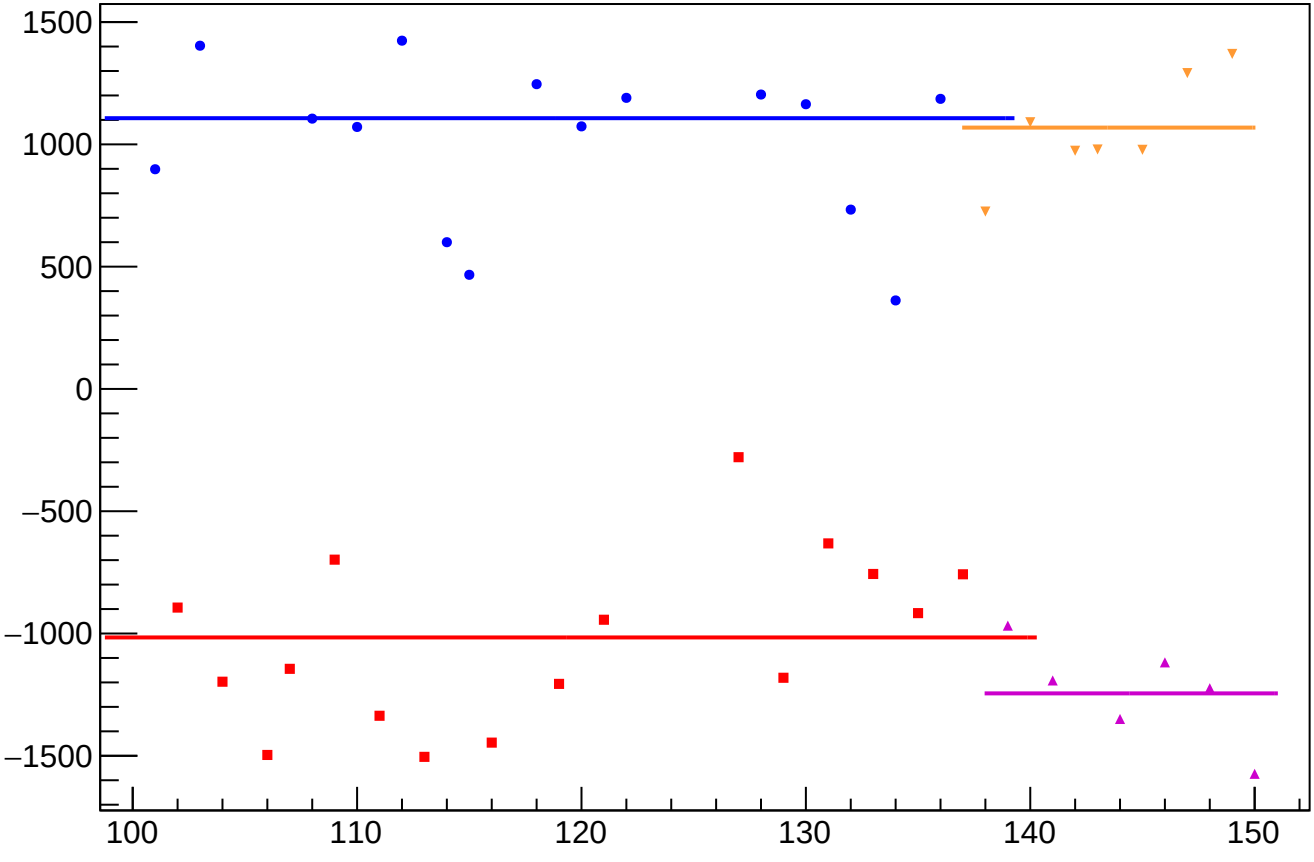
All: 0.127+/-0.000 χ^2/NDF: 3919177701447 4

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 0.207+/-0.000 χ^2/NDF: 46226688309891199
Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866
Left Out: 6.752+/-0.000 χ^2/NDF:10288476571231327283750724488396 80.0/6
In: 0.580+/-0.000 χ^2/NDF:46905623225685220 21
Right Out: -6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15
Out: -0.576+/-0.000 χ^2/NDF:5199040131436413 4
Left In: -6.377+/-0.000 χ^2/NDF:85922598994973850648673933642956 8.0/5
All: -0.003+/-0.000 χ^2/NDF: 9968015558325

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:164408536756608095

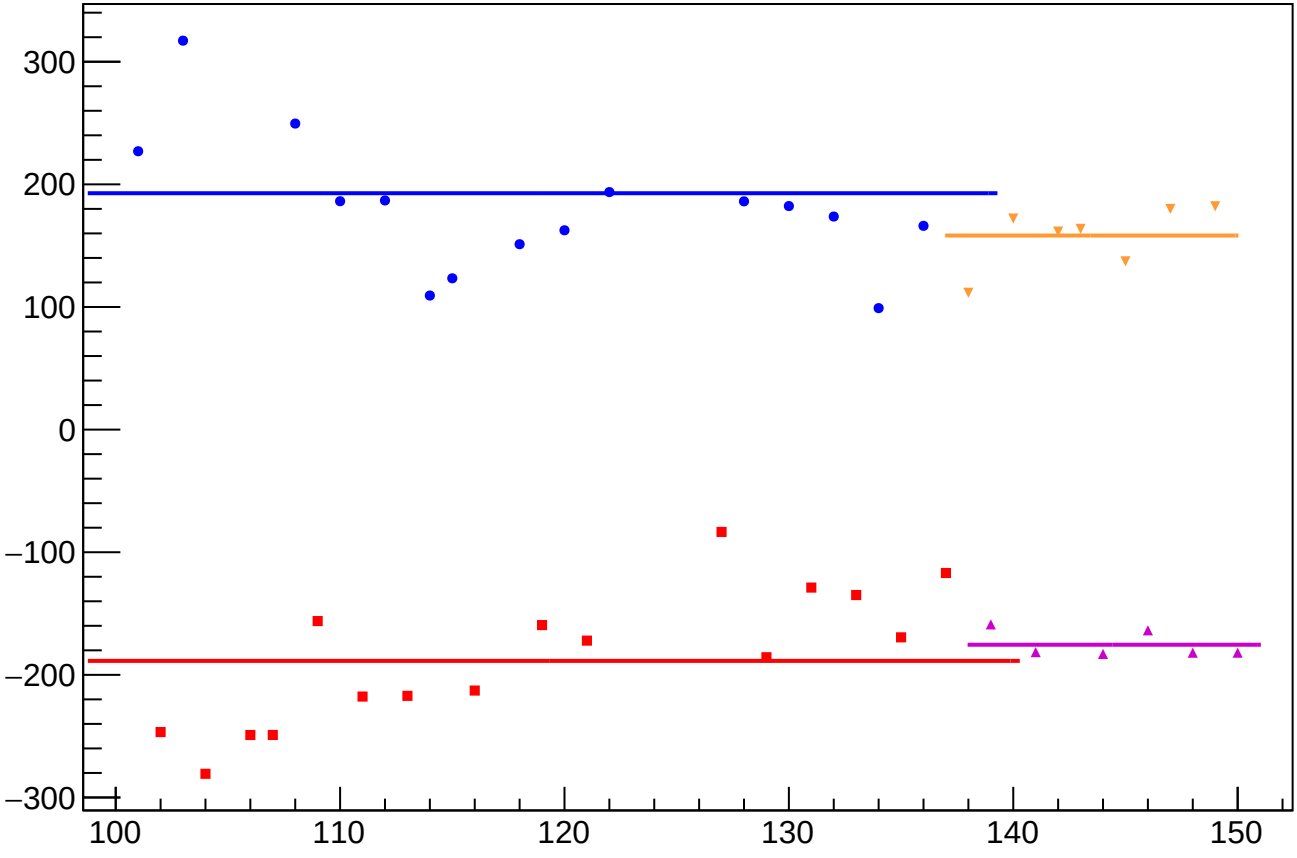
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:186362697773488358495356851422201118 72.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -8.093+/-0.000 χ^2/NDF: 29005206574594914

Right In: 192.771+/-0.000 χ^2/NDF: 16405762797469484333918169362365153 28.0/14

Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

Left Out: 158.275+/-0.000 χ^2/NDF:308444829169258505960319807377113088.0/6

In: 30.216+/-0.000 χ^2/NDF:40534767864523582 4

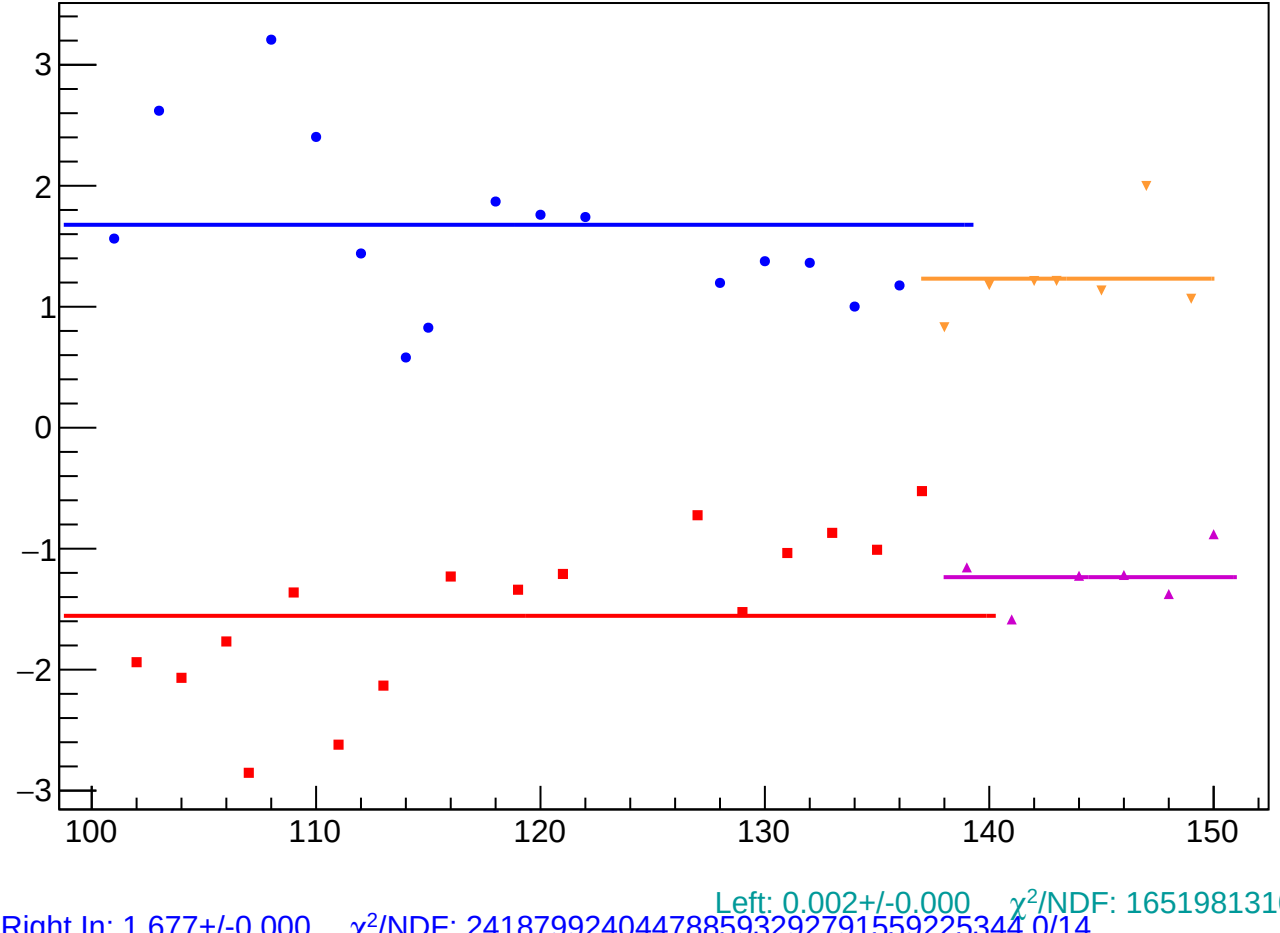
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

Out: -37.307+/-0.000 χ^2/NDF:3723873430078049

Left In: -175.434+/-0.000 χ^2/NDF:49232511151168960708175103334023168.0/5

All: -3.848+/-0.000 χ^2/NDF: 8044619653560

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.002+/-0.000 χ^2/NDF: 16519813103815197

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.232+/-0.000 χ^2/NDF:617428834114576357504125291724 80.0/6

In: 0.392+/-0.000 χ^2/NDF:2696823505108745742

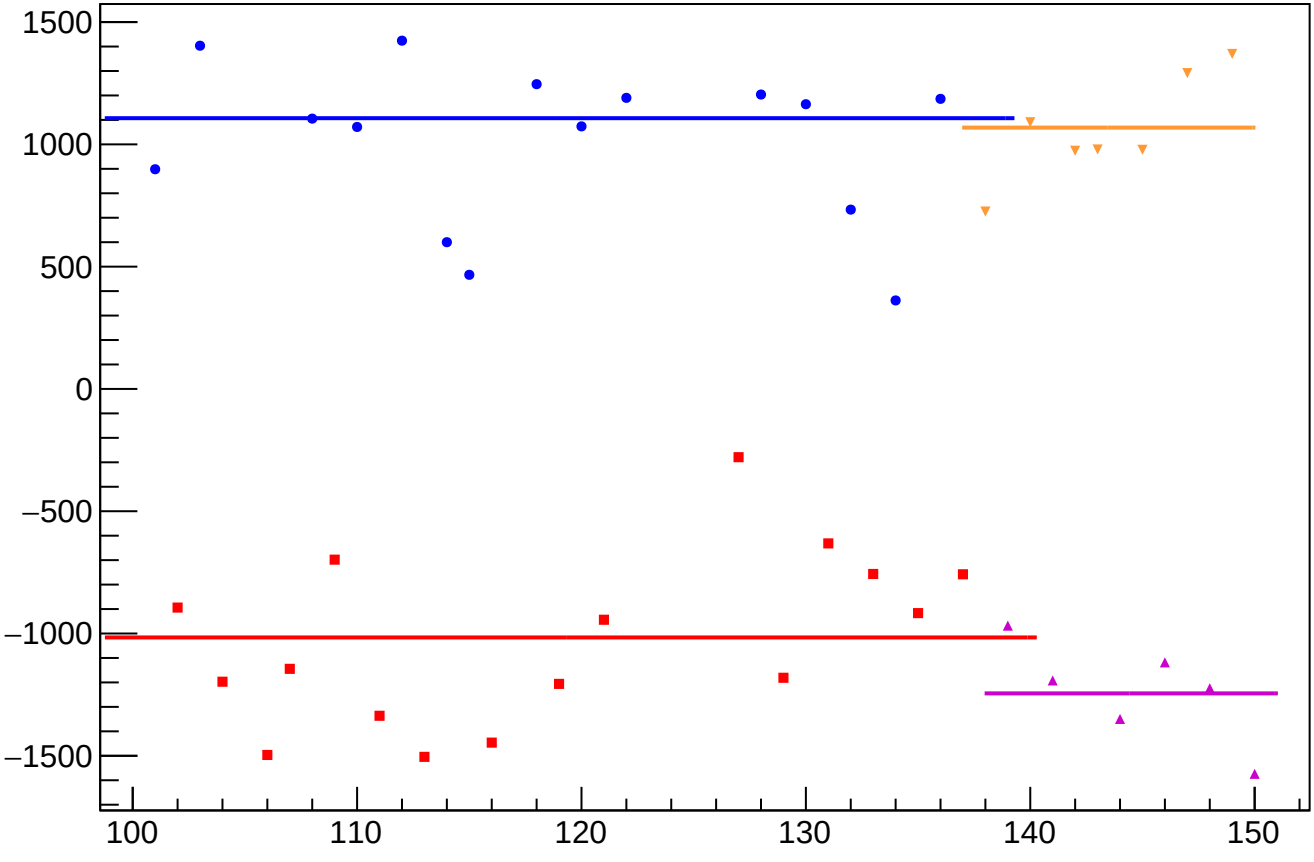
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: -0.339+/-0.000 χ^2/NDF:2577329571121296 2

Left In: -1.235+/-0.000 χ^2/NDF:2404492205315479902576210608128 0.0/5

All: 0.023+/-0.000 χ^2/NDF: 5587244978859 3

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

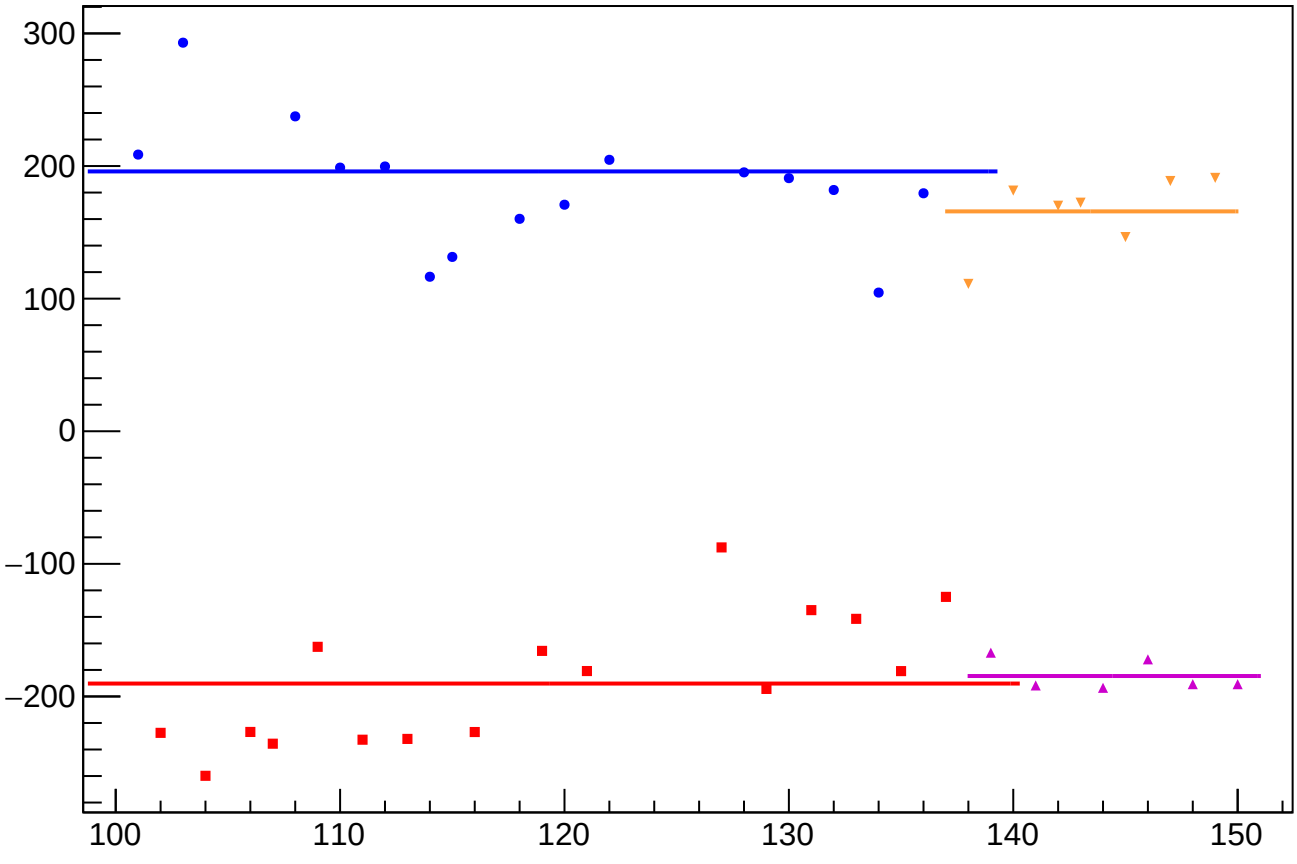
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -8.880+/-0.000 χ^2/NDF: 32020483445042281

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 165.802+/-0.000 χ^2/NDF:381995888558383760858475643174649856.0/6

In: 27.947+/-0.000 χ^2/NDF:42601785810733172

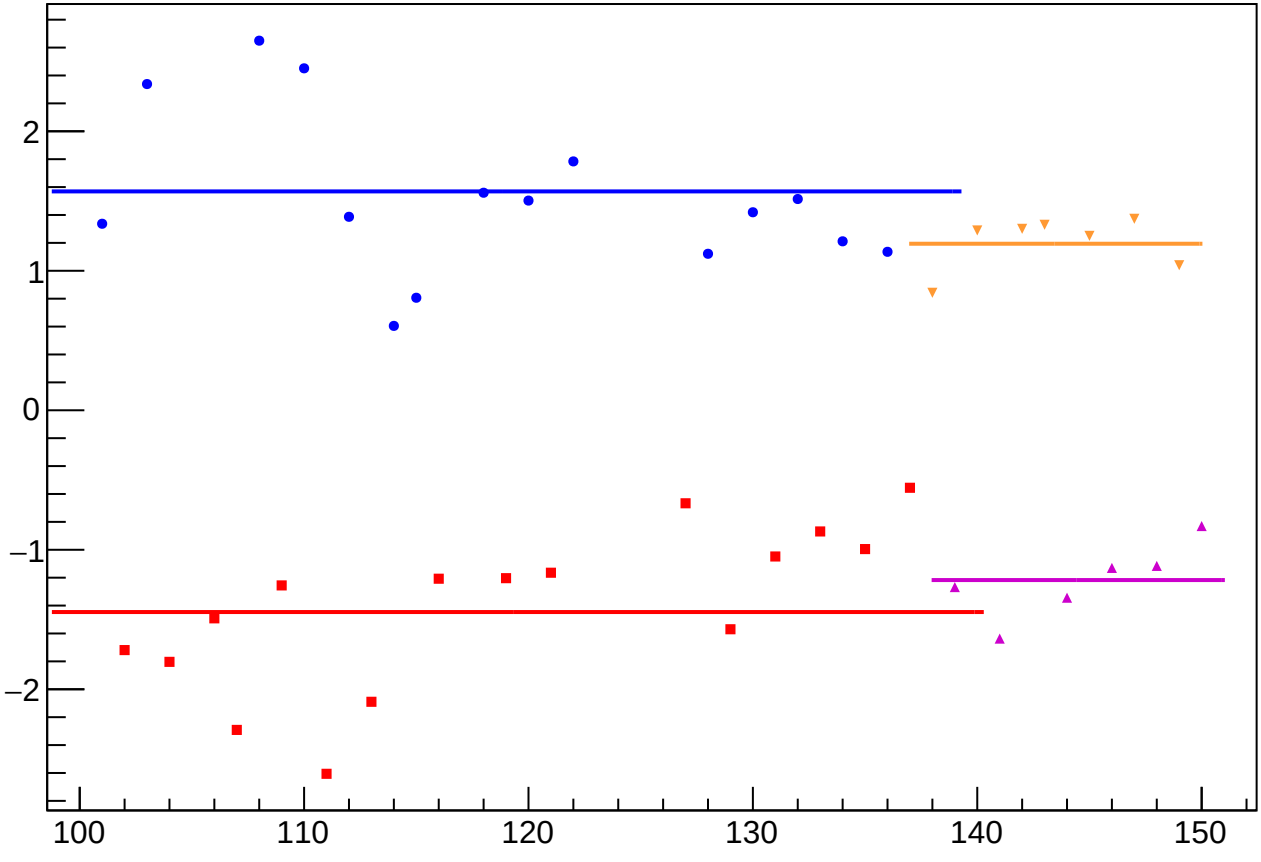
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: -34.957+/-0.000 χ^2/NDF:3873642035325086

Left In: -184.583+/-0.000 χ^2/NDF:5617124081816320463807495797945139 2.0/5

All: -3.787+/-0.000 χ^2/NDF: 8365776811752

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: -0.008+/-0.000 χ^2/NDF: 15438857524170867

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144 0

Left Out: 1.194+/-0.000 χ^2/NDF:16895626976096685859520789872640.0/6

In: 0.339+/-0.000 χ^2/NDF:2418622990581220389

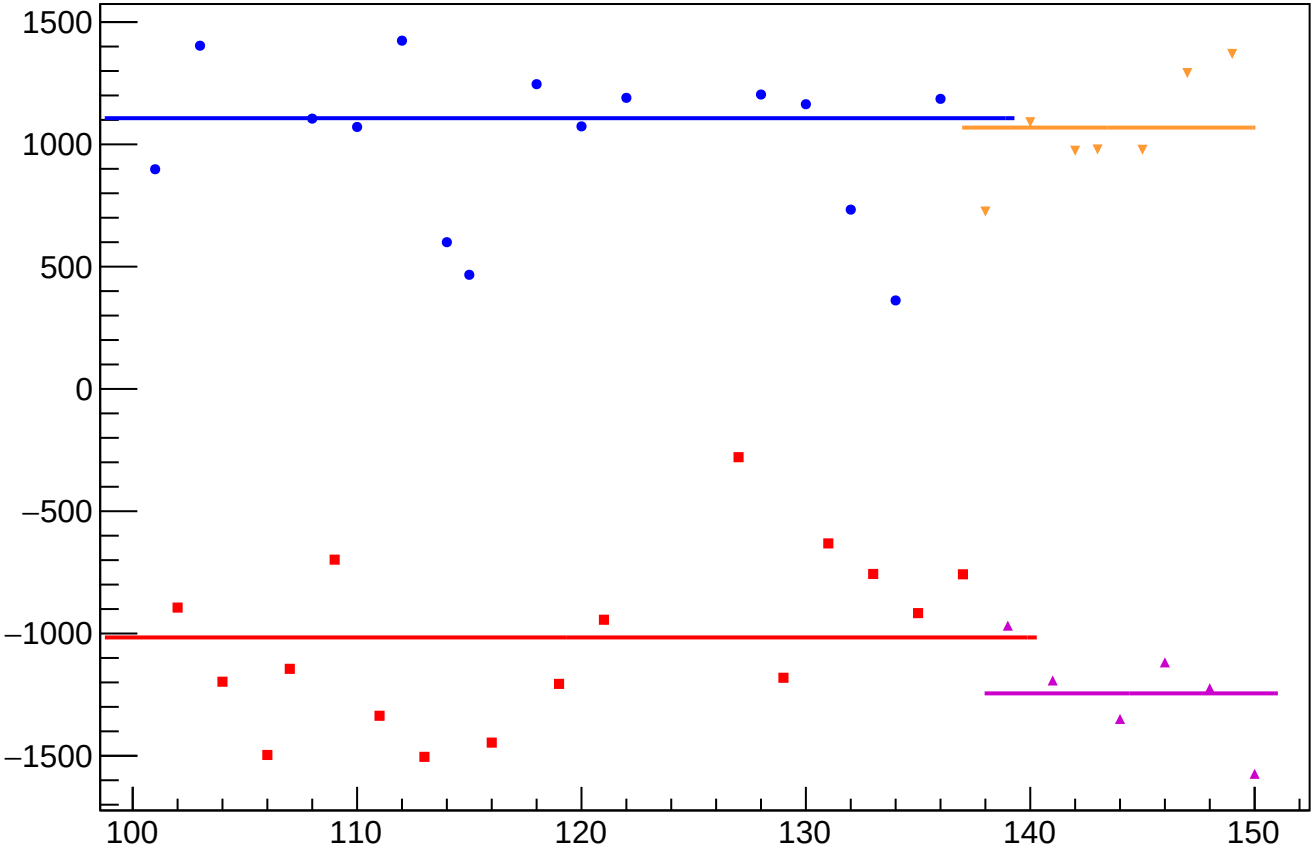
Right Out: -1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

Out: -0.295+/-0.000 χ^2/NDF:22411300686542535

Left In: -1.217+/-0.000 χ^2/NDF:3173181183008570924298355186073 6.0/5

All: 0.019+/-0.000 χ^2/NDF: 4895192409631 6

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

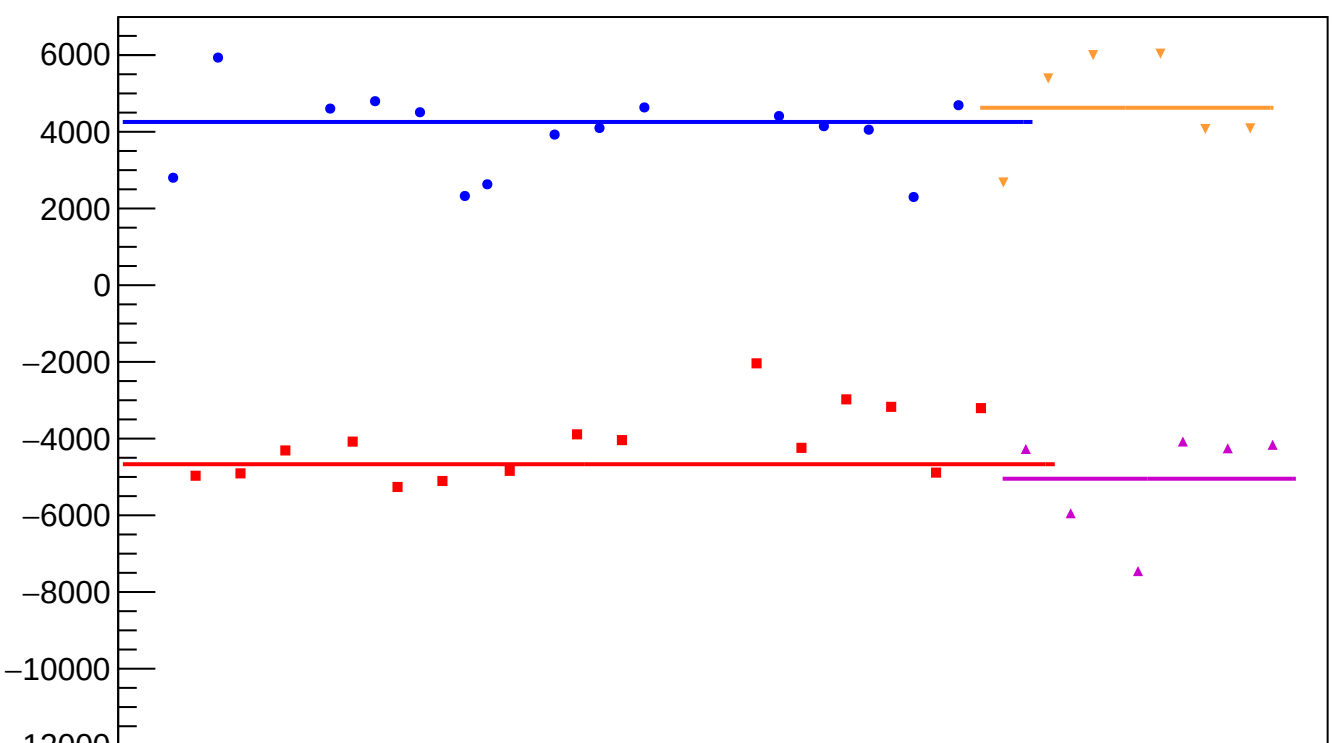
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -531.728+/-0.000 χ^2/NDF: 238780905091897

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4626.393+/-0.000 χ^2/NDF:639998076189543205834619164472335400960.0/5

In: 149.417+/-0.000 χ^2/NDF:2613038931118757 8

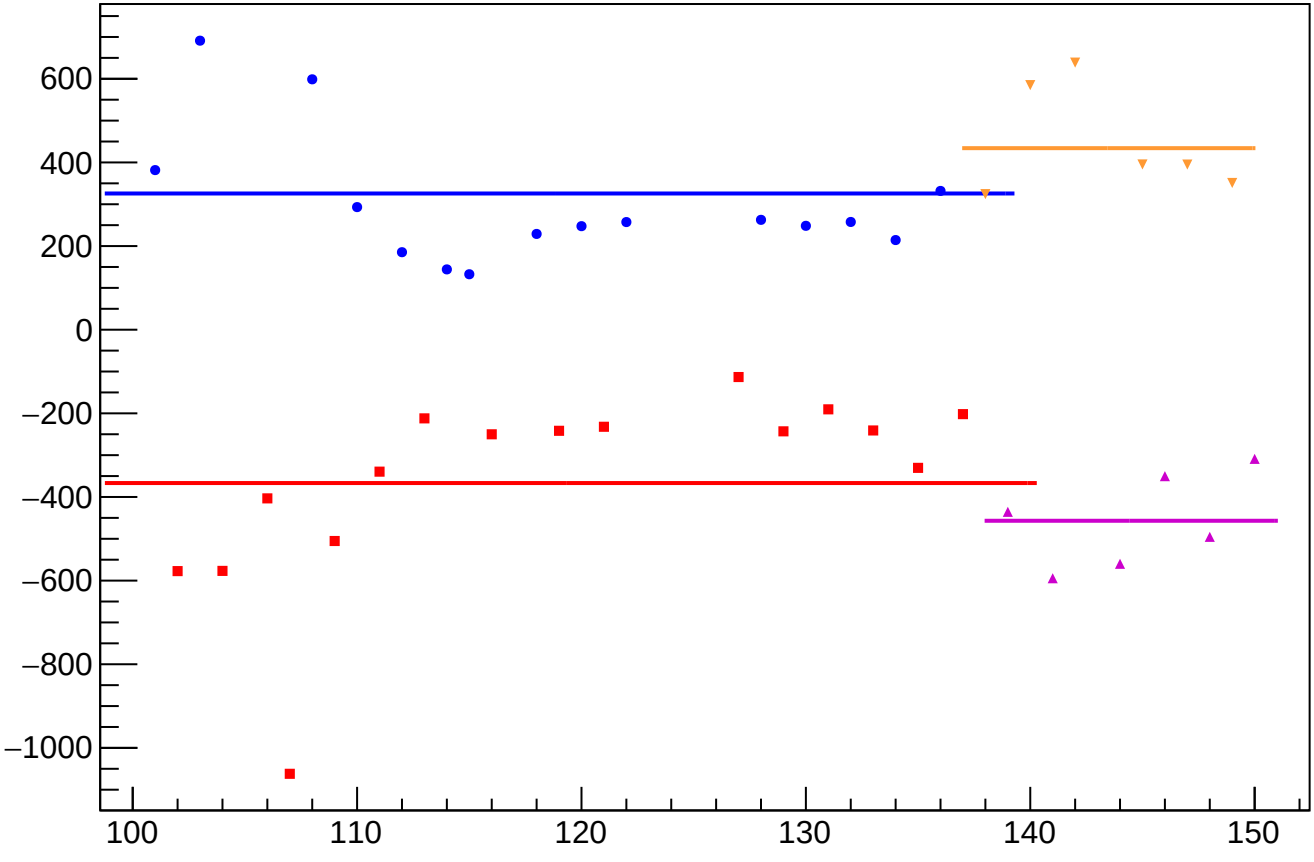
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: -928.489+/-0.000 χ^2/NDF:270230375283695

Left In: -5046.340+/-0.000 χ^2/NDF:836078649074103442227342869168134291456.0/5

All: -378.653+/-0.000 χ^2/NDF: 5381484754 0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Left: -41.021+/-0.000 χ^2/NDF: 2012891463621262

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

Left Out: 434.121+/-0.000 χ^2/NDF:555535571161953061418520161932856524 8.0/5

In: -19.778+/-0.000 χ^2/NDF:1957721249089862 5

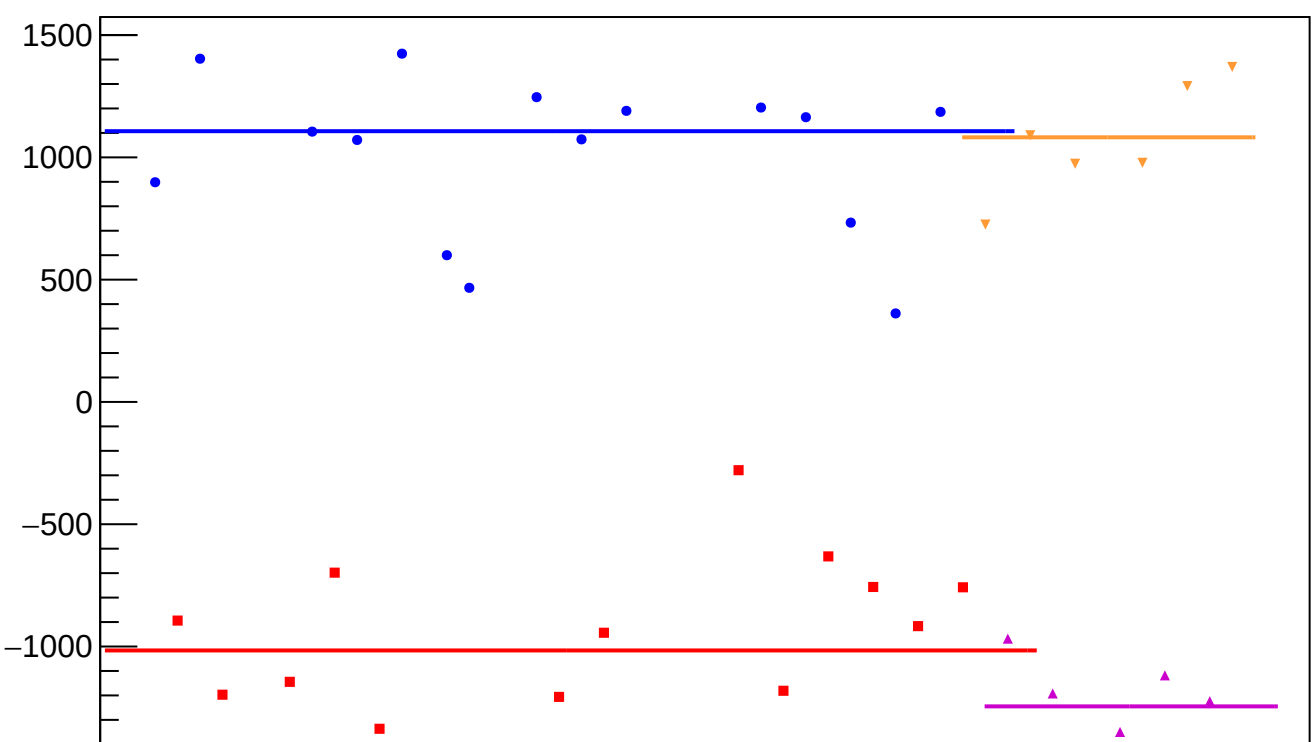
Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

Out: -44.495+/-0.000 χ^2/NDF:2097442067637163

Left In: -456.886+/-0.000 χ^2/NDF:5647483078610224518488306322759483392.0/5

All: -31.887+/-0.000 χ^2/NDF: 40586411310 7

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -158.840+/-0.000 χ^2/NDF: 133658540376345

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1081.920+/-0.000 χ^2/NDF:217269996472421569485525527317257912 32.0/5

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

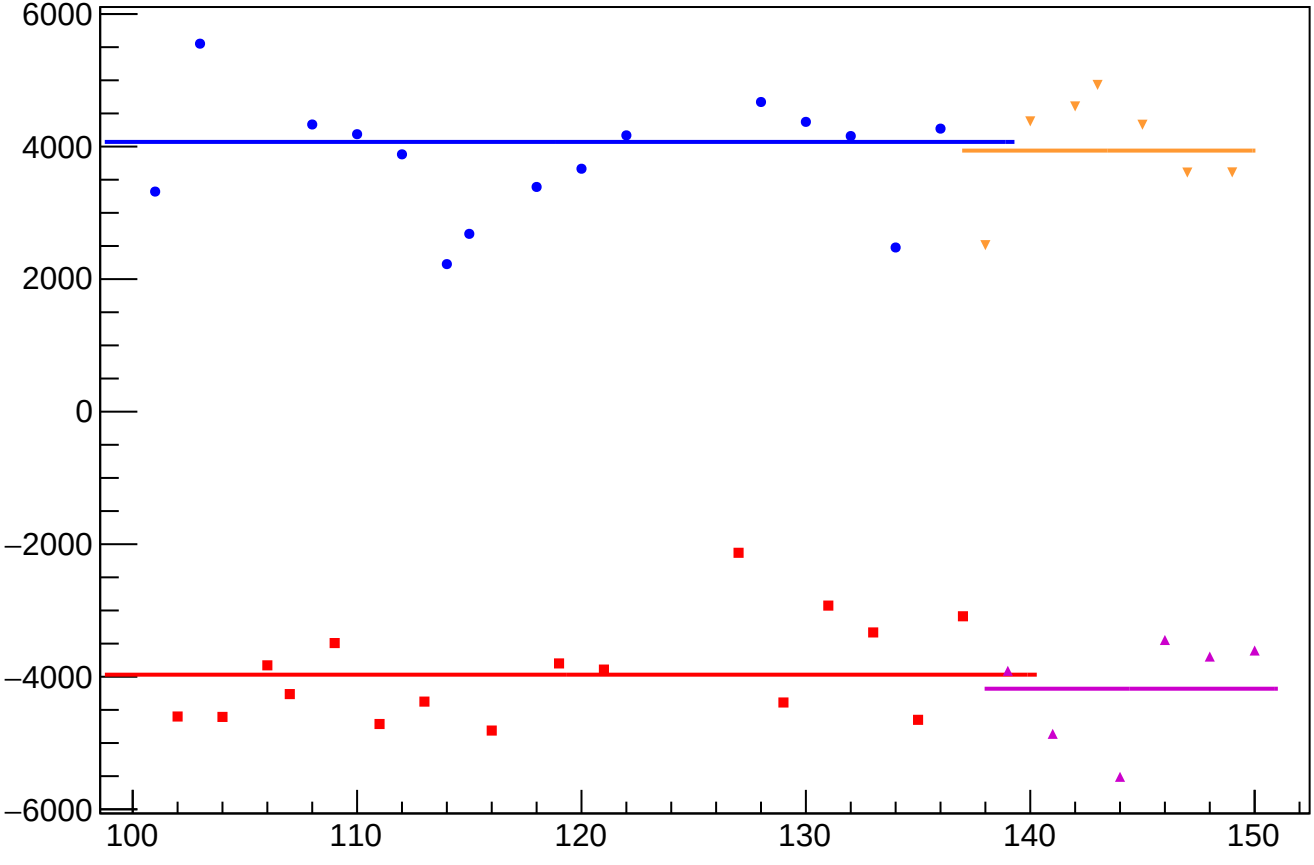
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -172.008+/-0.000 χ^2/NDF:127551203035230

Left In: -1244.807+/-0.000 χ^2/NDF:186362697773488358495356851422201118 72.0/5

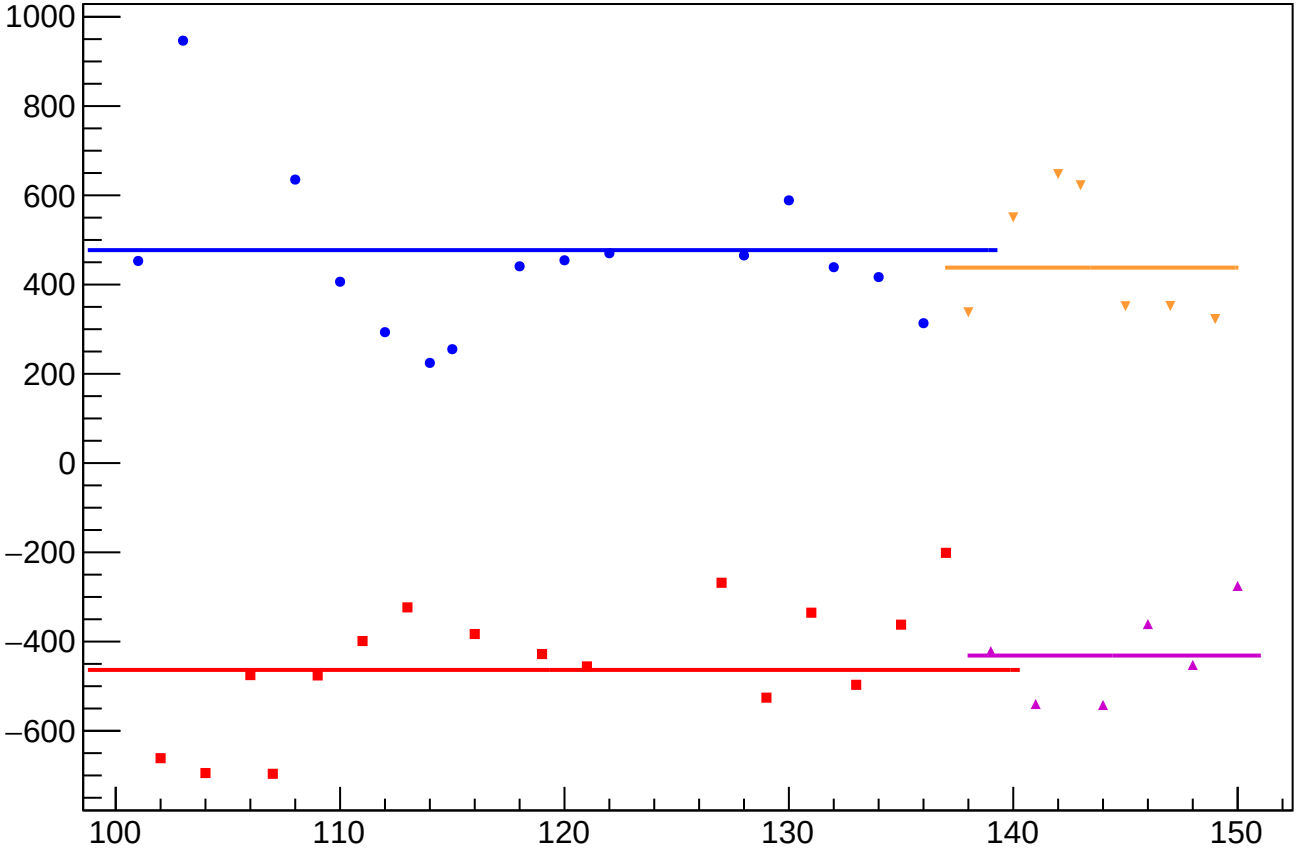
All: -49.197+/-0.000 χ^2/NDF: 295259551477

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -108.706+/-0.000 χ^2/NDF: 175500192899264
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3939.470+/-0.000 χ^2/NDF:2910197777540299856146709215062387589 12.0/6
In: 427.791+/-0.000 χ^2/NDF:2014673081126473
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15
Out: -519.334+/-0.000 χ^2/NDF:188456897855742
Left In: -4180.555+/-0.000 χ^2/NDF:2974181598687156960144893284524459294 72.0/5
All: -50.012+/-0.000 χ^2/NDF: 395182712962

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 4.616+/-0.000 χ^2/NDF: 20760036158102797

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 438.015+/-0.000 χ^2/NDF:8419180576173029931504852898152448000.0/6

In: 76.100+/-0.000 χ^2/NDF:2617131108187123 24

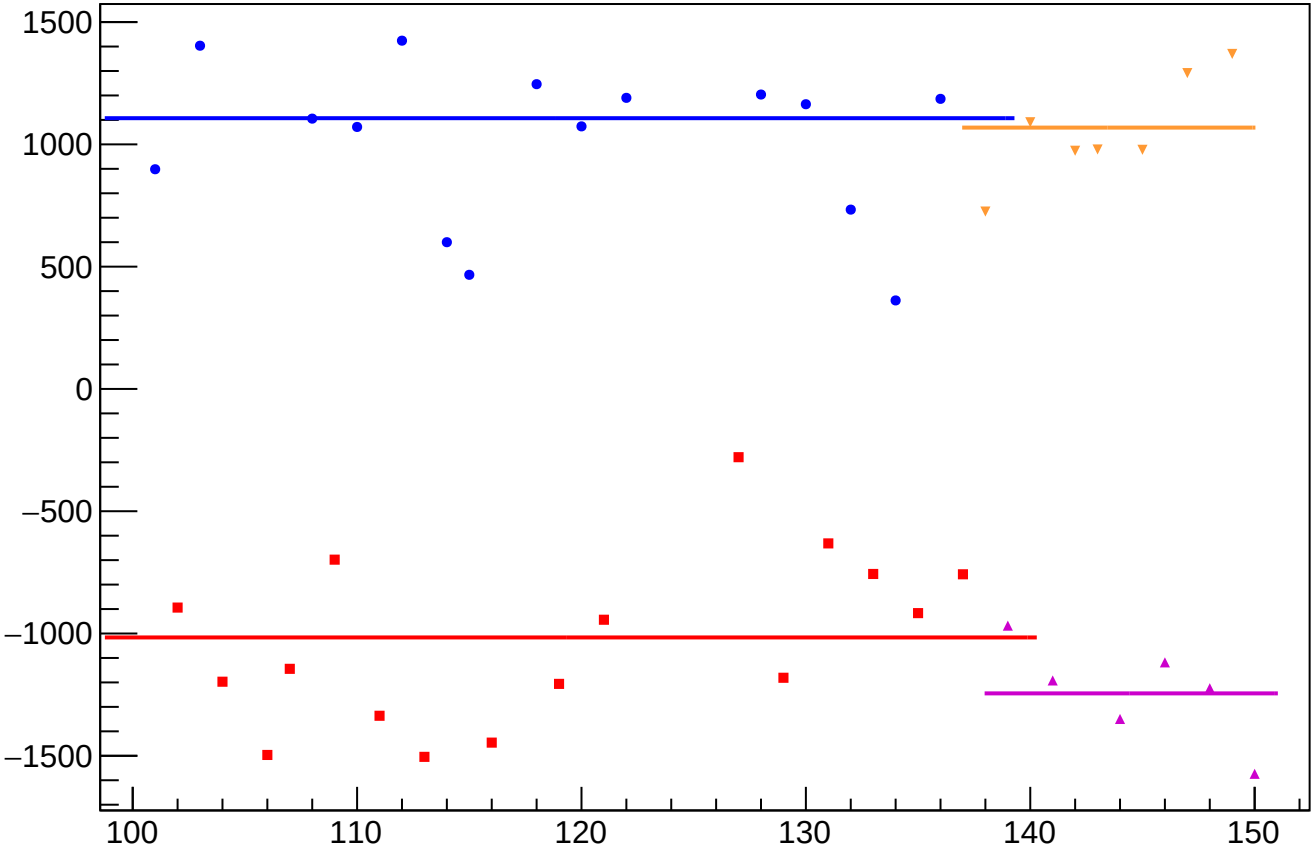
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: -70.285+/-0.000 χ^2/NDF:2574309210629073

Left In: -431.318+/-0.000 χ^2/NDF:4769143217219736746315288863517442048.0/5

All: 2.252+/-0.000 χ^2/NDF: 5317055347378 5

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

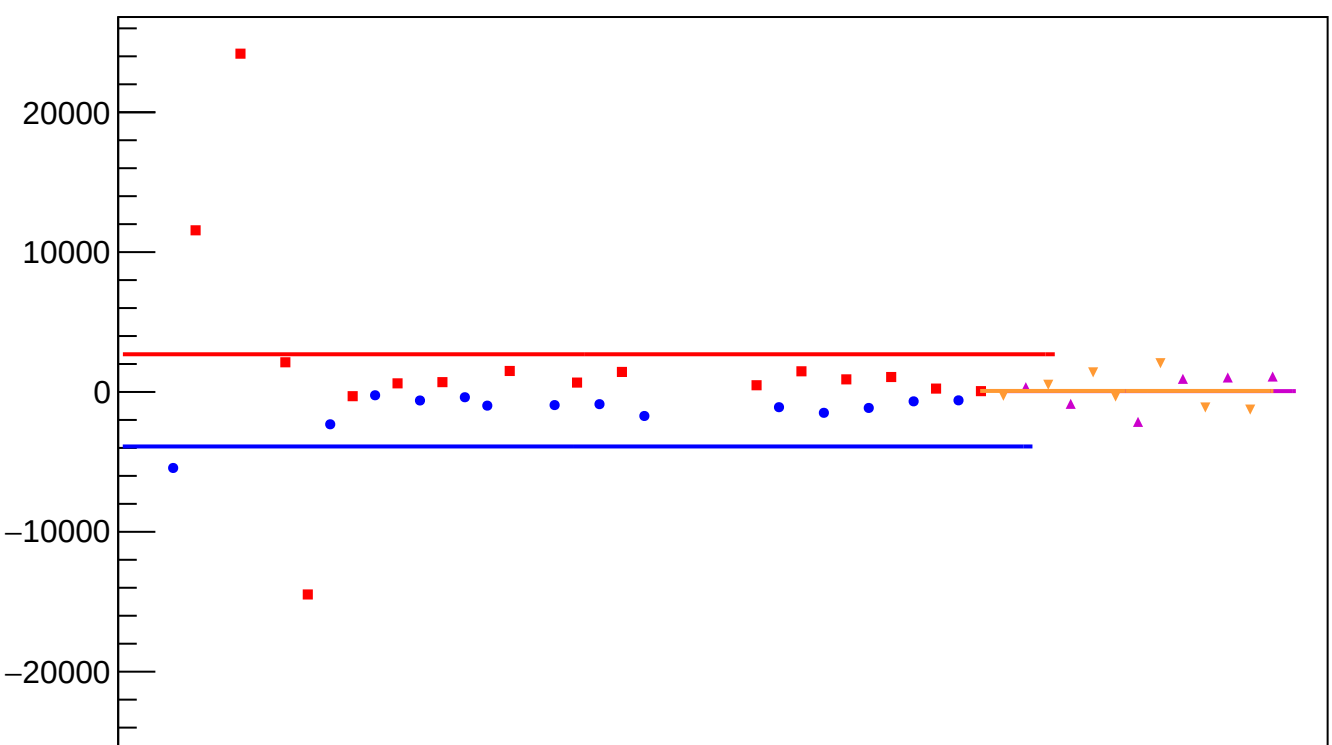
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

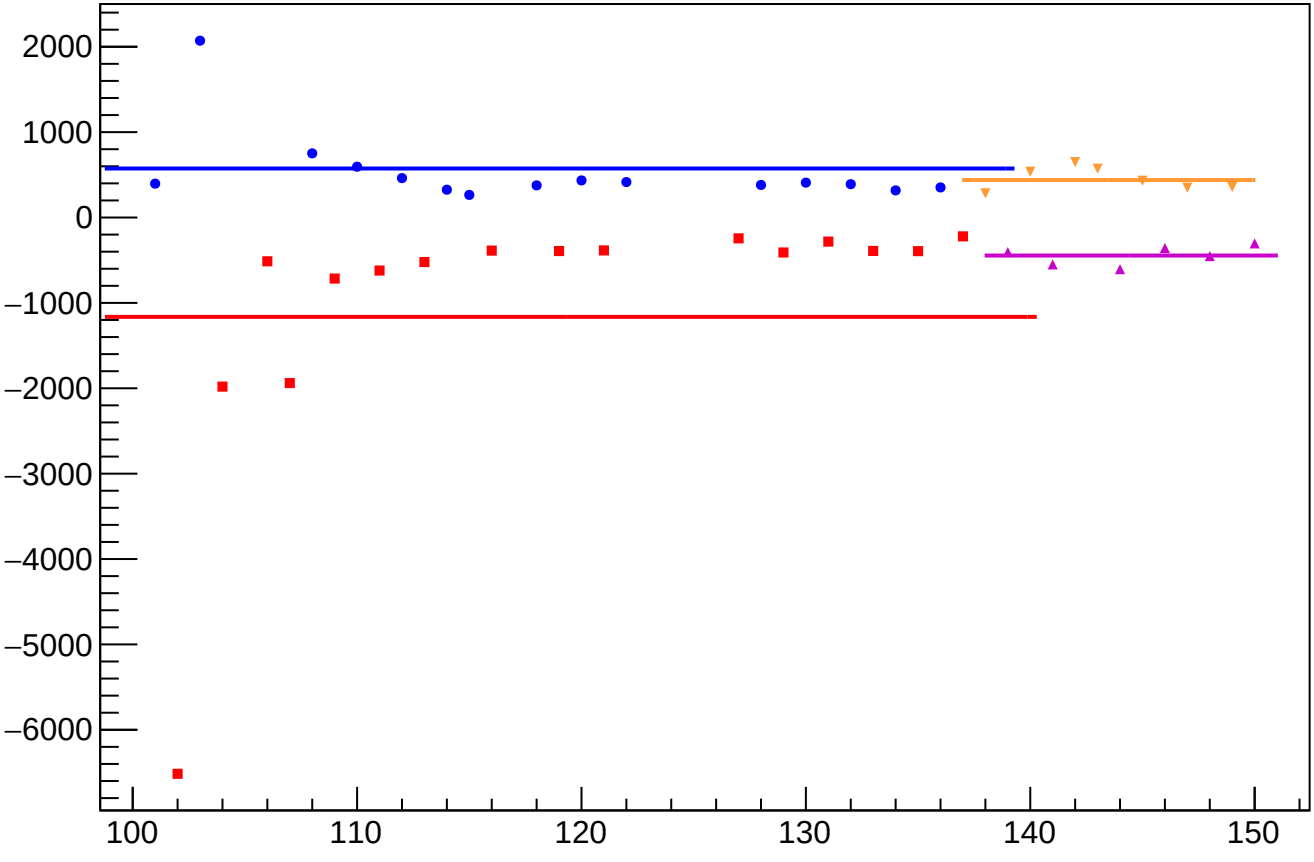
All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_atl1_coil4_mean vs Slug, Sign Corrected



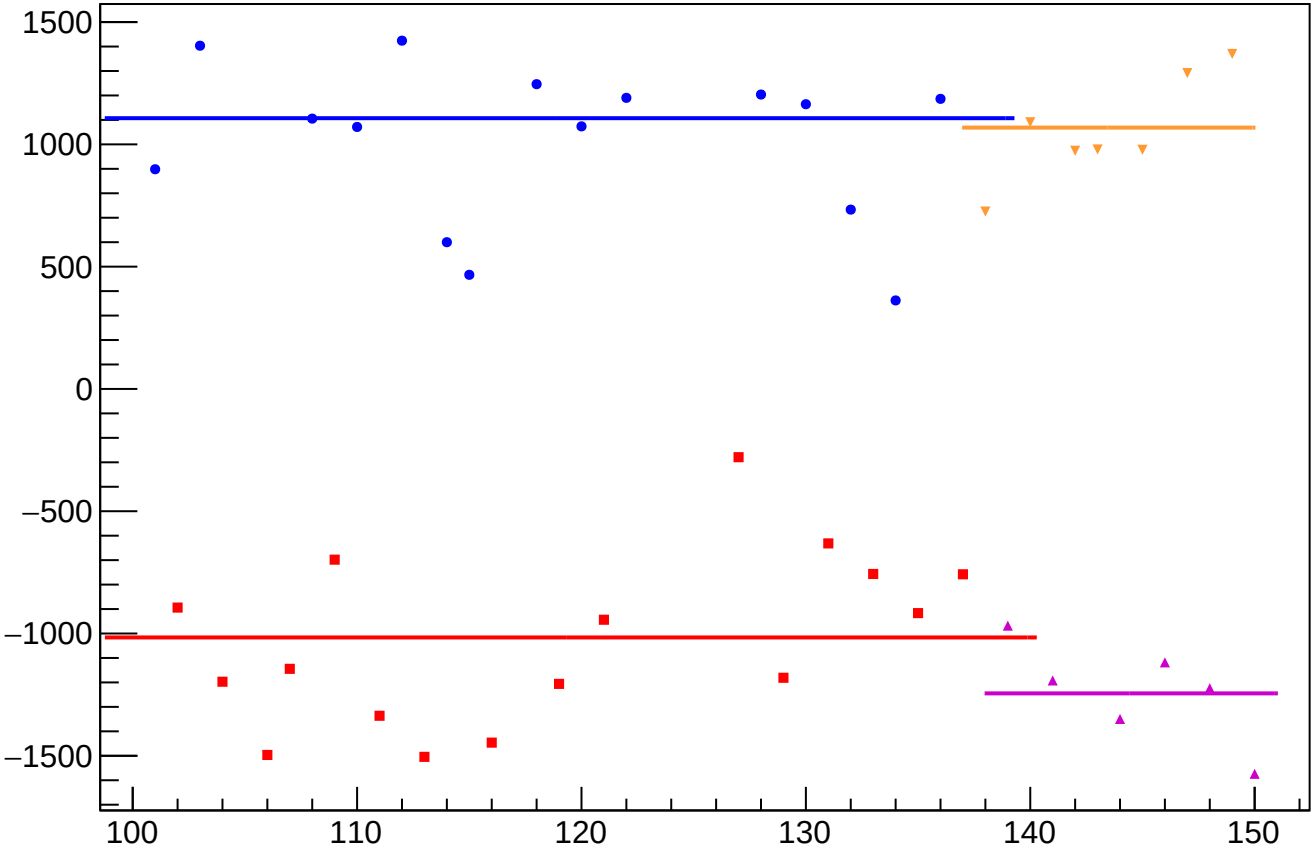
Left: 67.220+/-0.000 χ^2/NDF: 1444477543832270
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: 73.574+/-0.000 χ^2/NDF:69458126435812873399743176298505594 4704.0/6
In: -2149.430+/-0.000 χ^2/NDF:448555462006033
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 1552.148+/-0.000 χ^2/NDF:435178033958234
Left In: 60.829+/-0.000 χ^2/NDF:749854496232292417966856112192570261504.0/5
All: -282.067+/-0.000 χ^2/NDF: 96405313165

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: -1.823+/-0.000 χ^2/NDF: 21394199085159378
Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 438.915+/-0.000 χ^2/NDF:707830071595376292712898235566391296 0.0/6
In: 124.102+/-0.000 χ^2/NDF:4555420813135084
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -464.671+/-0.000 χ^2/NDF:275749034423465
Left In: -445.138+/-0.000 χ^2/NDF:5811812563334828691784543447474503680.0/5
All: -172.921+/-0.000 χ^2/NDF: 34162415295

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:164408536756608095

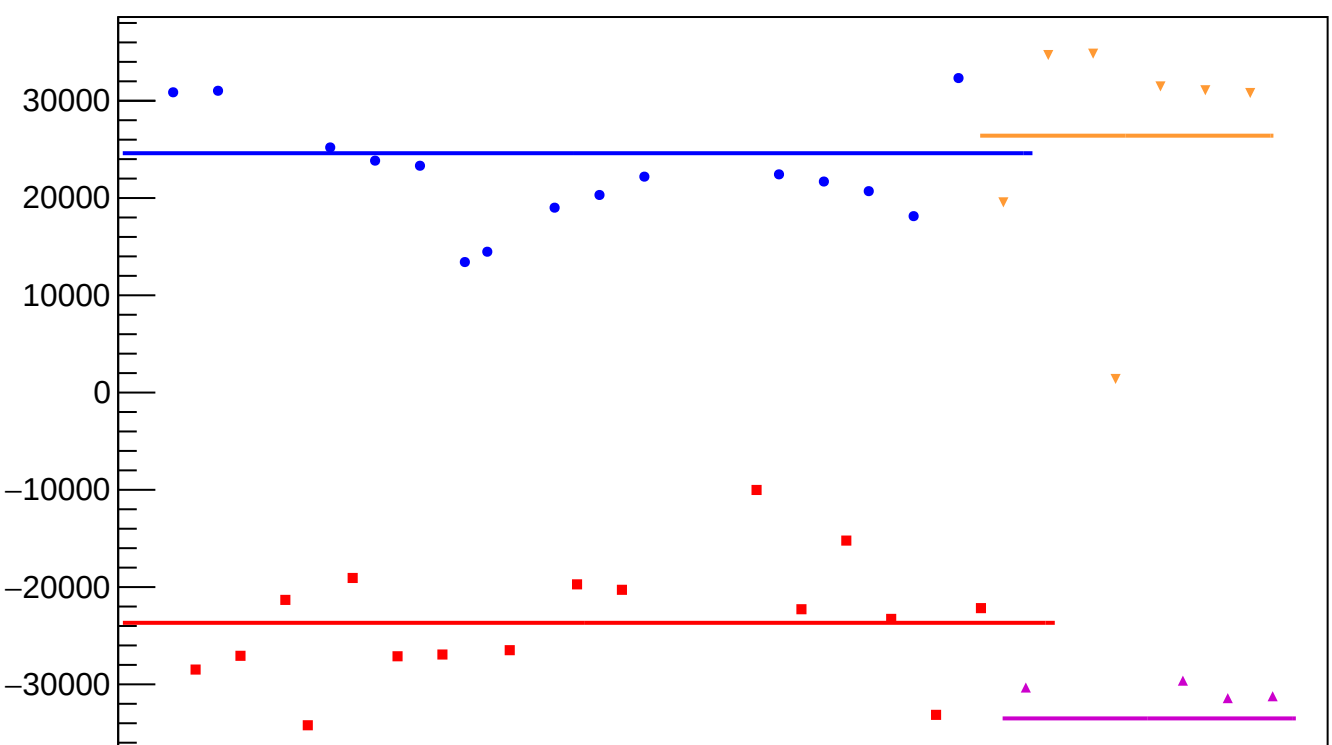
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:186362697773488358495356851422201118 72.0/5

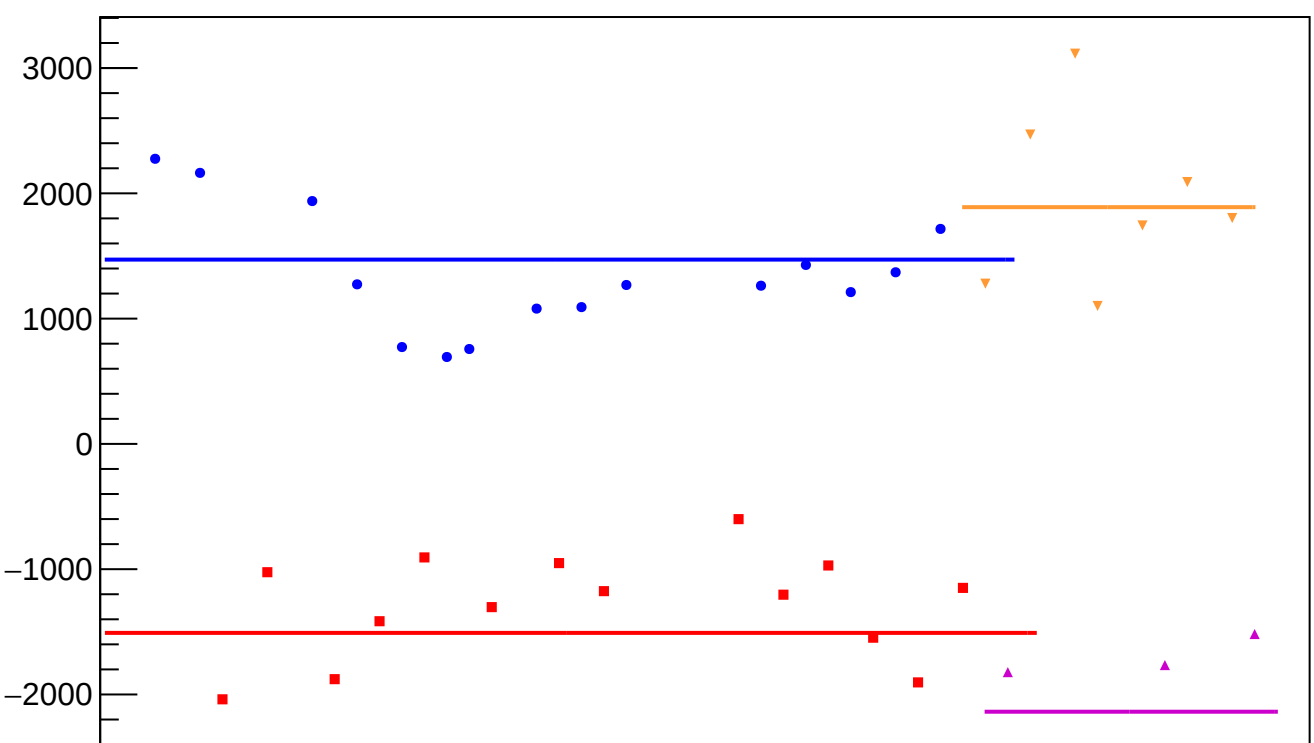
All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -3458.316+/-0.000 χ^2/NDF: 99196659921455
Right In: 24608.761+/-0.000 χ^2/NDF: 17555600427140701787636759084167268925440.0/14
Right: 137.211+/-0.000 χ^2/NDF: 809207355903527
Left Out: 26411.355+/-0.000 χ^2/NDF:5989119645557881001072652946345757245440 0.0/6
In: -1046.283+/-0.000 χ^2/NDF:993753590717035
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
Out: -1827.774+/-0.000 χ^2/NDF:81452776251558
Left In: -33502.664+/-0.000 χ^2/NDF:8635613758052372729326915908412888842240.0/5
All: -1440.528+/-0.000 χ^2/NDF: 1808639364

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Left: -118.150+/-0.000 χ^2/NDF: 445229372250932

Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Right: -39.055+/-0.000 χ^2/NDF: 330947344548199

Left Out: 1889.644+/-0.000 χ^2/NDF:172822212495663752219800047576898600960.0/6

In: -122.110+/-0.000 χ^2/NDF:397768782532605 5

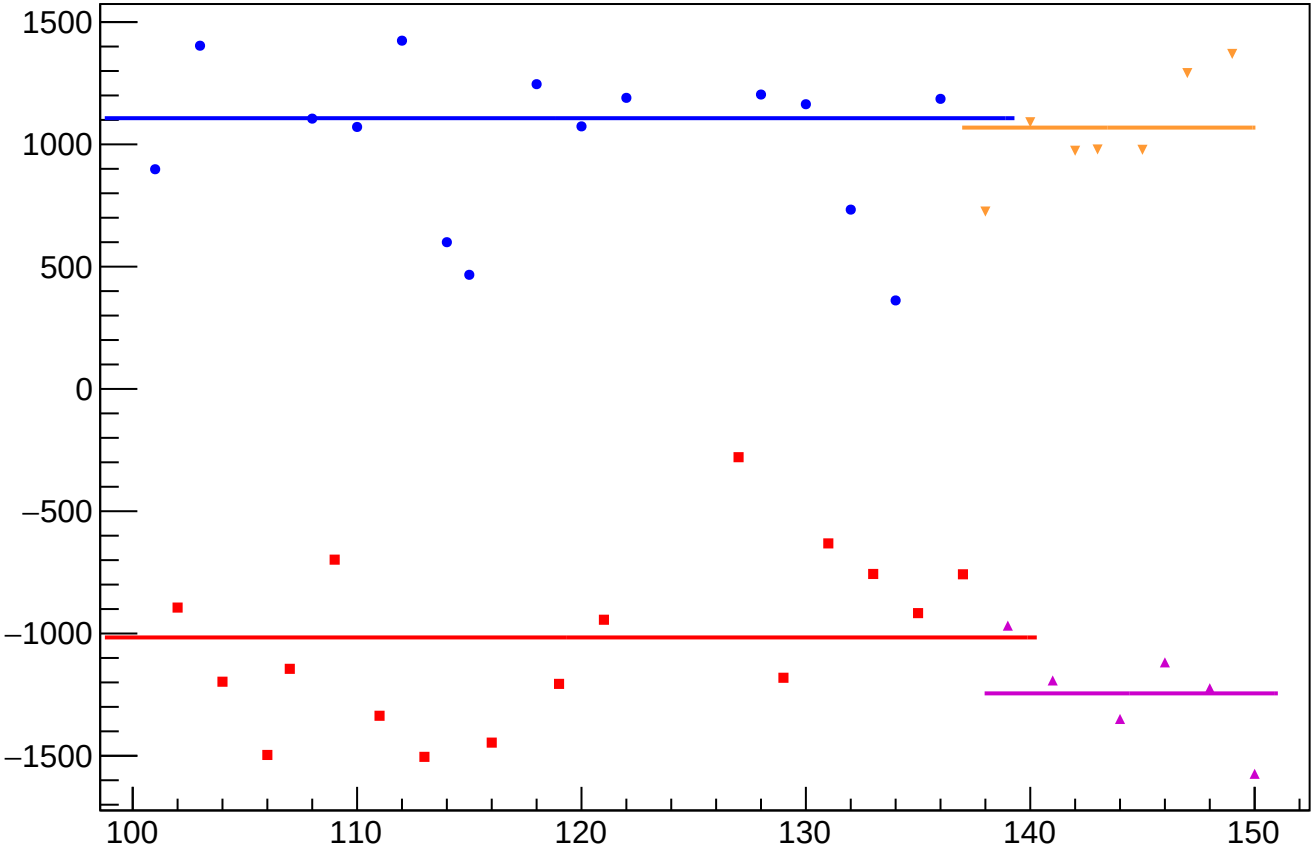
Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156136 96.0/15

Out: -26.272+/-0.000 χ^2/NDF:3782307761580653

Left In: -2137.685+/-0.000 χ^2/NDF:1070707081150705636271456228641058324 48.0/5

All: -73.762+/-0.000 χ^2/NDF: 776537981937

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:1644085367566080 95

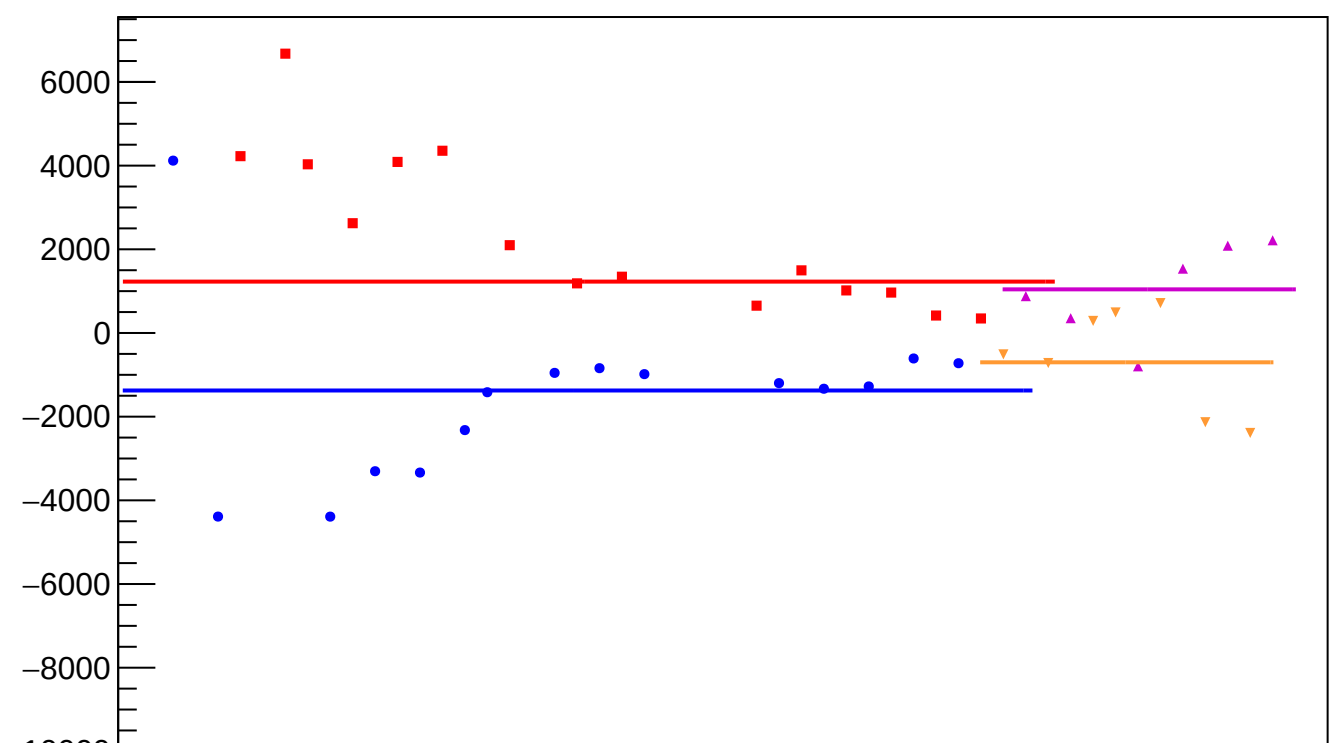
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 168.297+/-0.000 χ^2/NDF: 2067456718821741

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -700.995+/-0.000 χ^2/NDF:7046394399670381646860181901263838904 32.0/6

In: -307.372+/-0.000 χ^2/NDF:5327537003748423

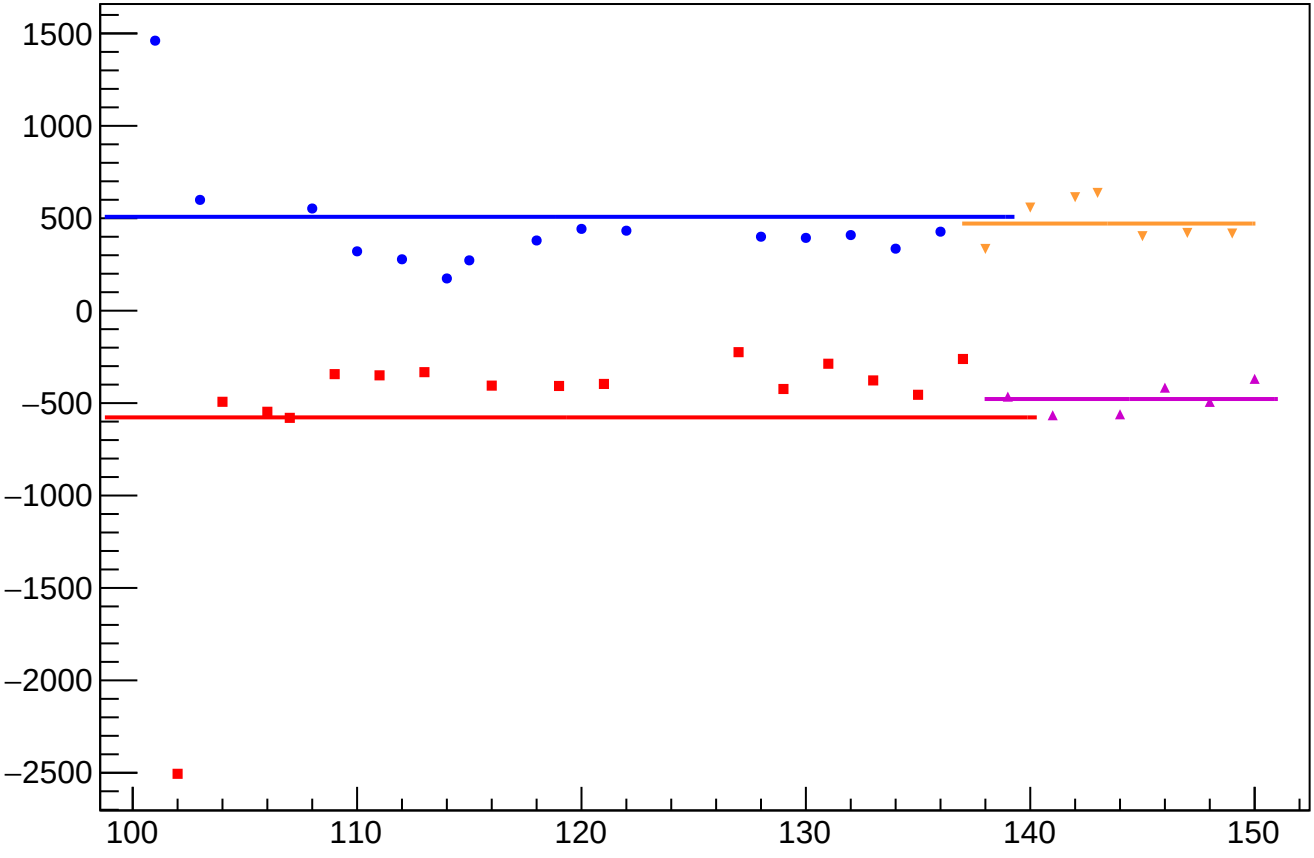
Right Out: 1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245 2736.0/15

Out: 386.544+/-0.000 χ^2/NDF:1290237953719422

Left In: 1042.672+/-0.000 χ^2/NDF:5806874819384814135810868033468938321 92.0/5

All: 42.693+/-0.000 χ^2/NDF: 1851218488801

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: -1.873+/-0.000 χ^2/NDF: 24016710811637471

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 471.358+/-0.000 χ^2/NDF:5683610153493483897308715374029570048.0/6

In: 72.651+/-0.000 χ^2/NDF:3452075517535569 61

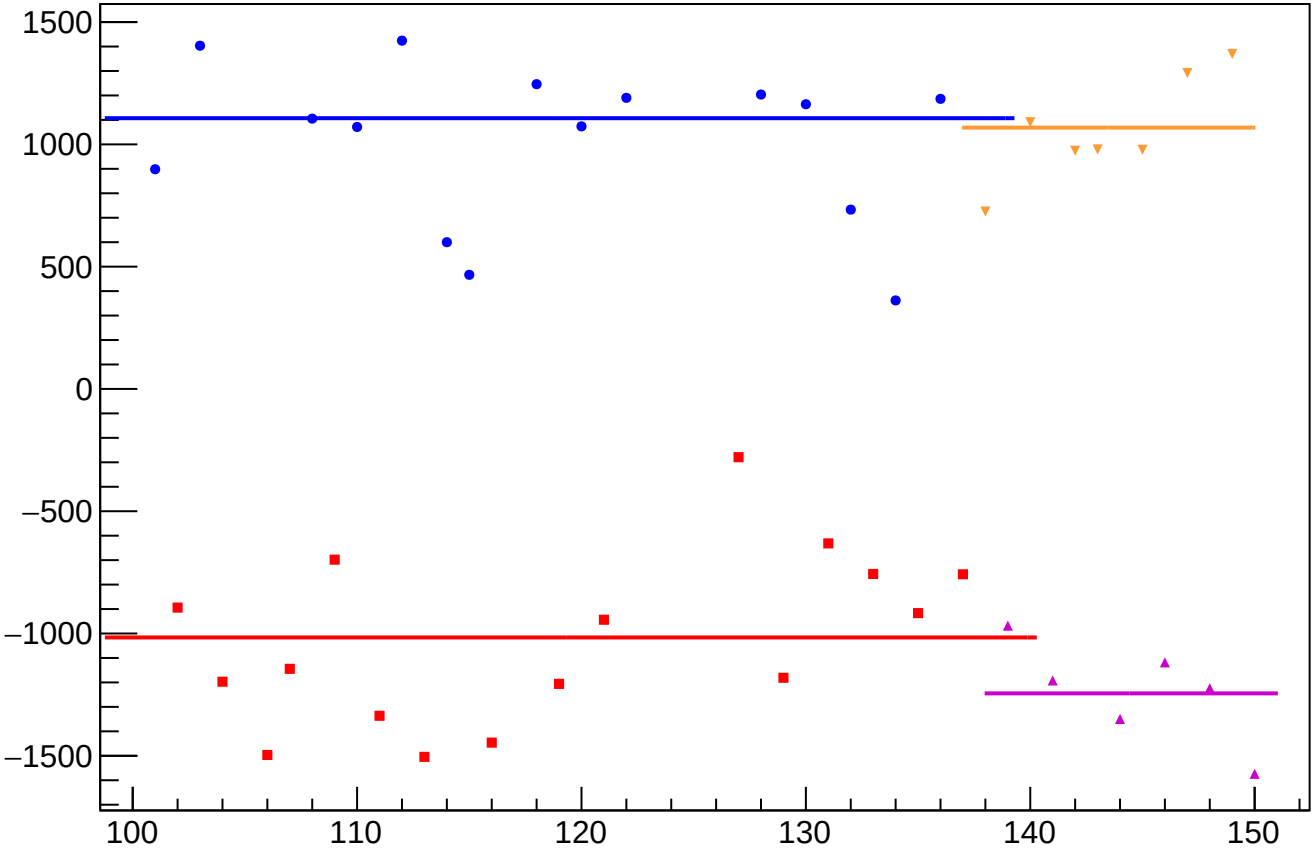
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: -119.869+/-0.000 χ^2/NDF:566874726077754

Left In: -477.871+/-0.000 χ^2/NDF:2693898029155967787602660581999378432.0/5

All: -24.471+/-0.000 χ^2/NDF: 933809268104

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

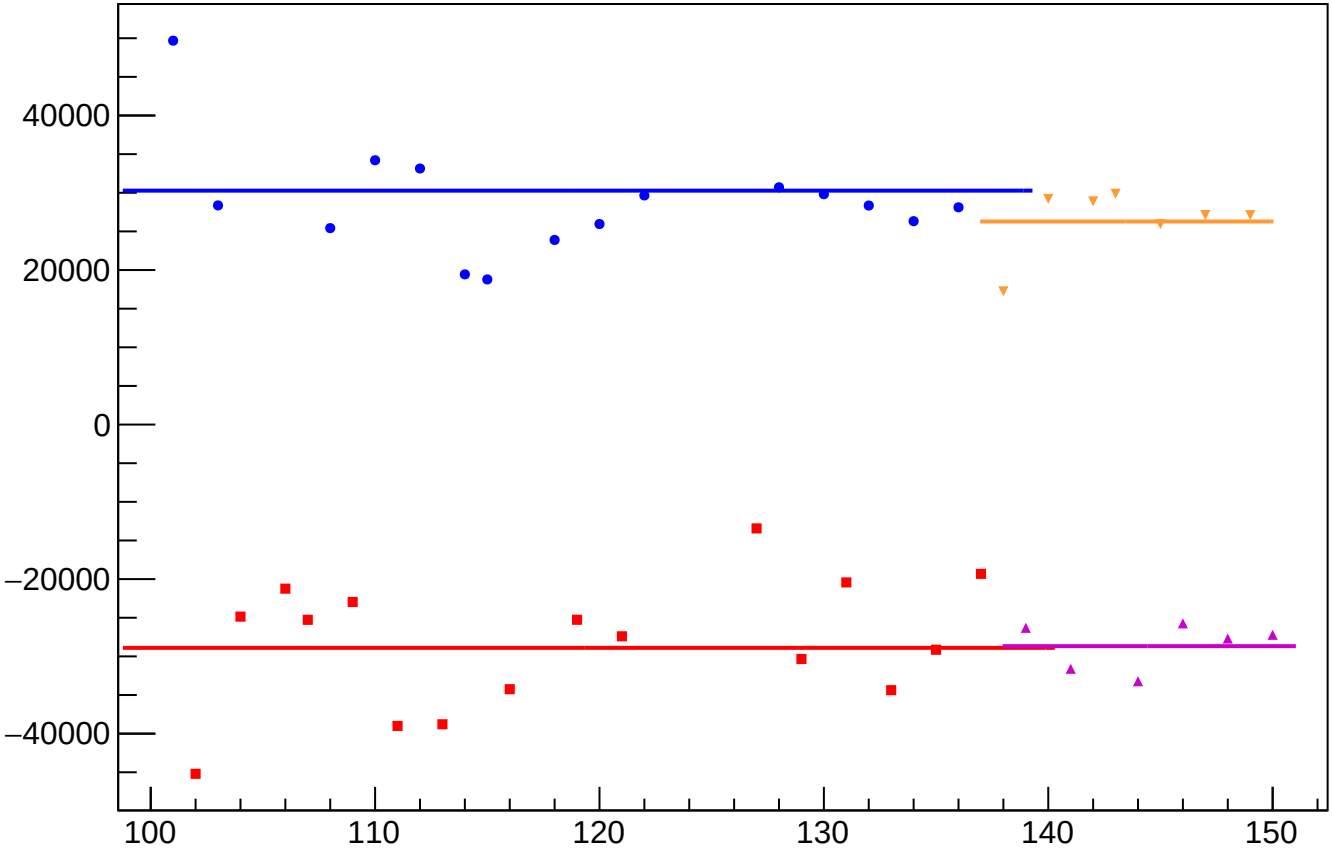
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -1115.306+/-0.000 χ^2/NDF: 78941583679957

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26284.131+/-0.000 χ^2/NDF:83758958683997005758324942759351161978 88.0/6

In: 4251.233+/-0.000 χ^2/NDF:1030775306252045

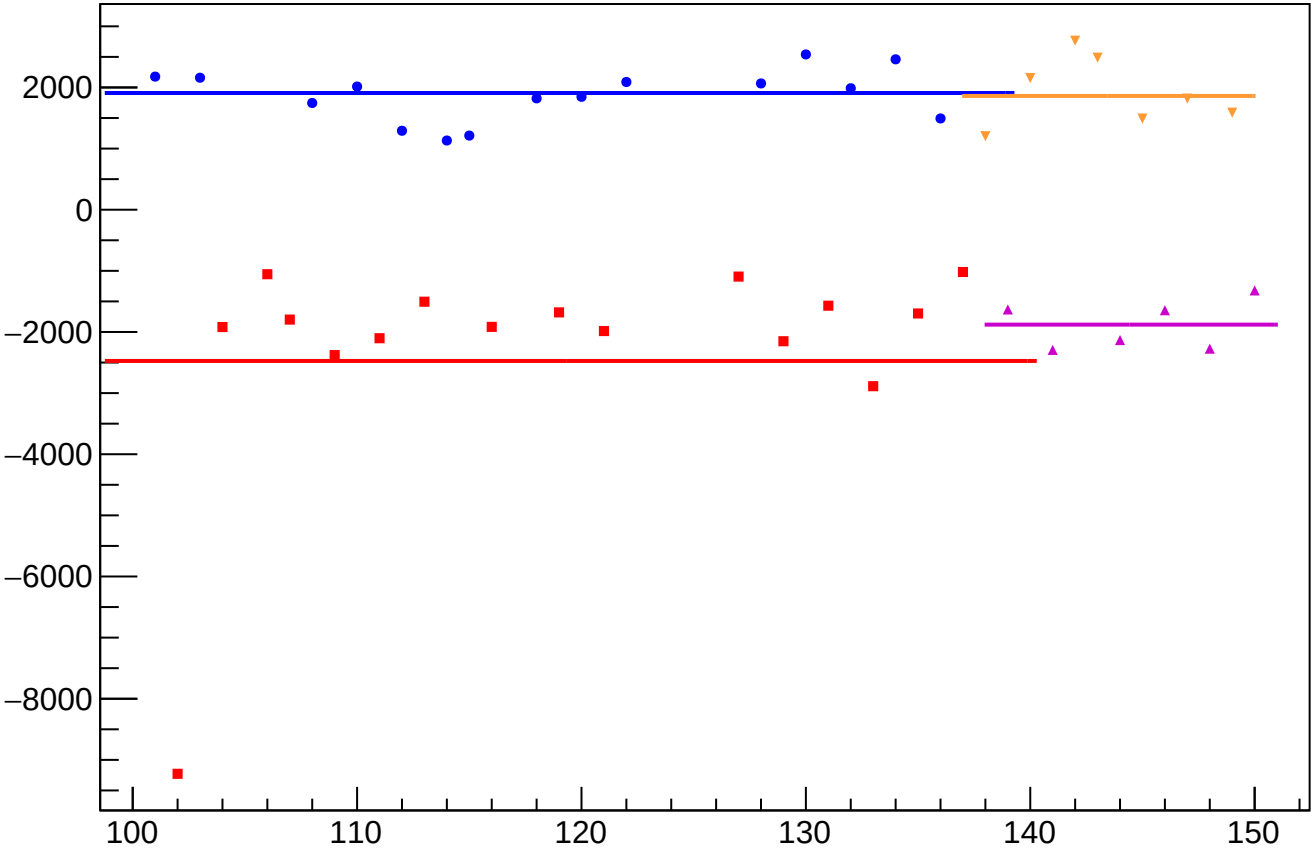
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: -4827.754+/-0.000 χ^2/NDF:94119756511922

Left In: -28674.973+/-0.000 χ^2/NDF:402213278792566436055371796083666373836 8.0/5

All: -328.912+/-0.000 χ^2/NDF: 20202924143

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: -4.020+/-0.000 χ^2/NDF: 37934279476641896

Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14

Right: -312.249+/-0.000 χ^2/NDF: 94418650101321

Left Out: 1860.946+/-0.000 χ^2/NDF:1222433194430452141748818438431 66109696.0/6

In: 236.521+/-0.000 χ^2/NDF:4273076603568272 3

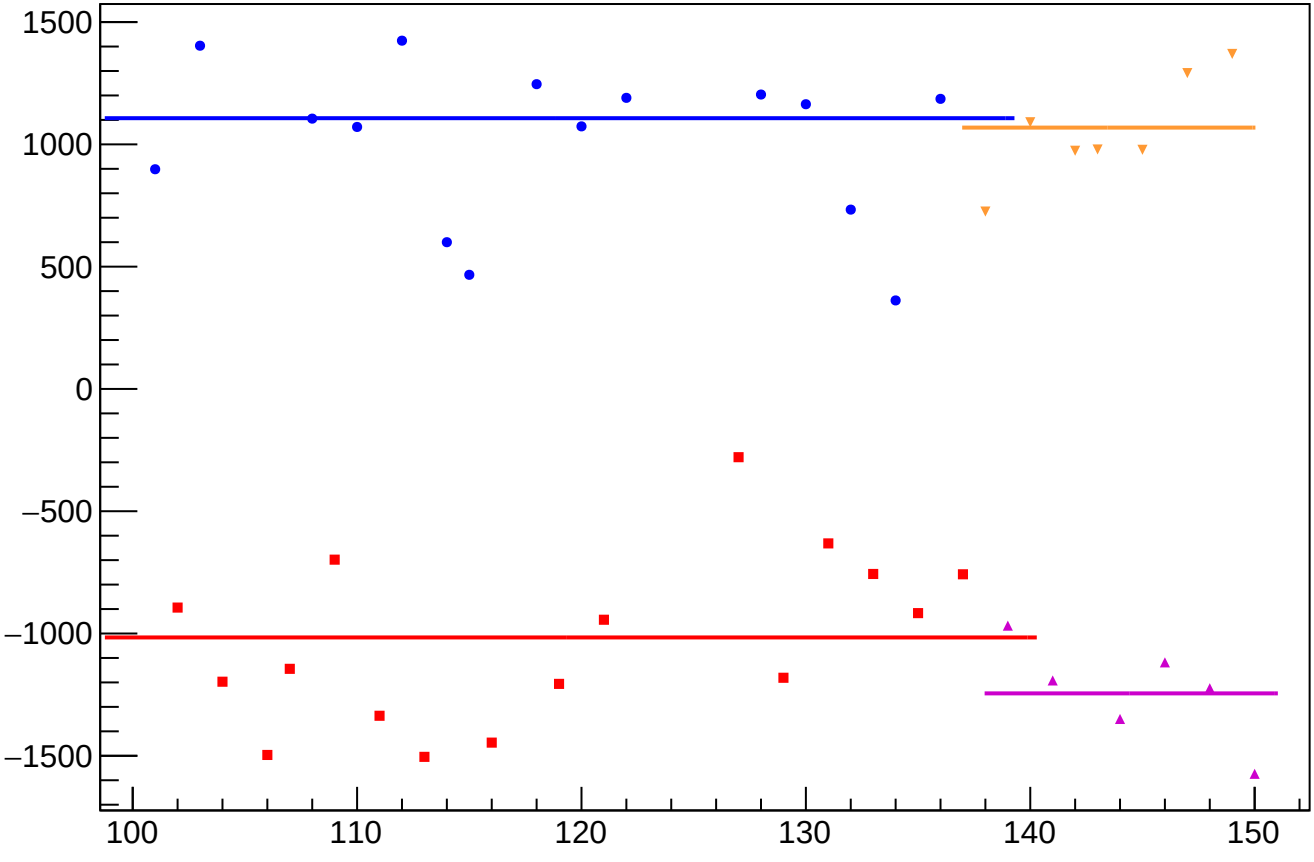
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038 6412544.0/15

Out: -583.174+/-0.000 χ^2/NDF:862320938187866

Left In: -1879.893+/-0.000 χ^2/NDF:712894785417907261579267910399950 84800.0/5

All: -176.997+/-0.000 χ^2/NDF: 1329015546 0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

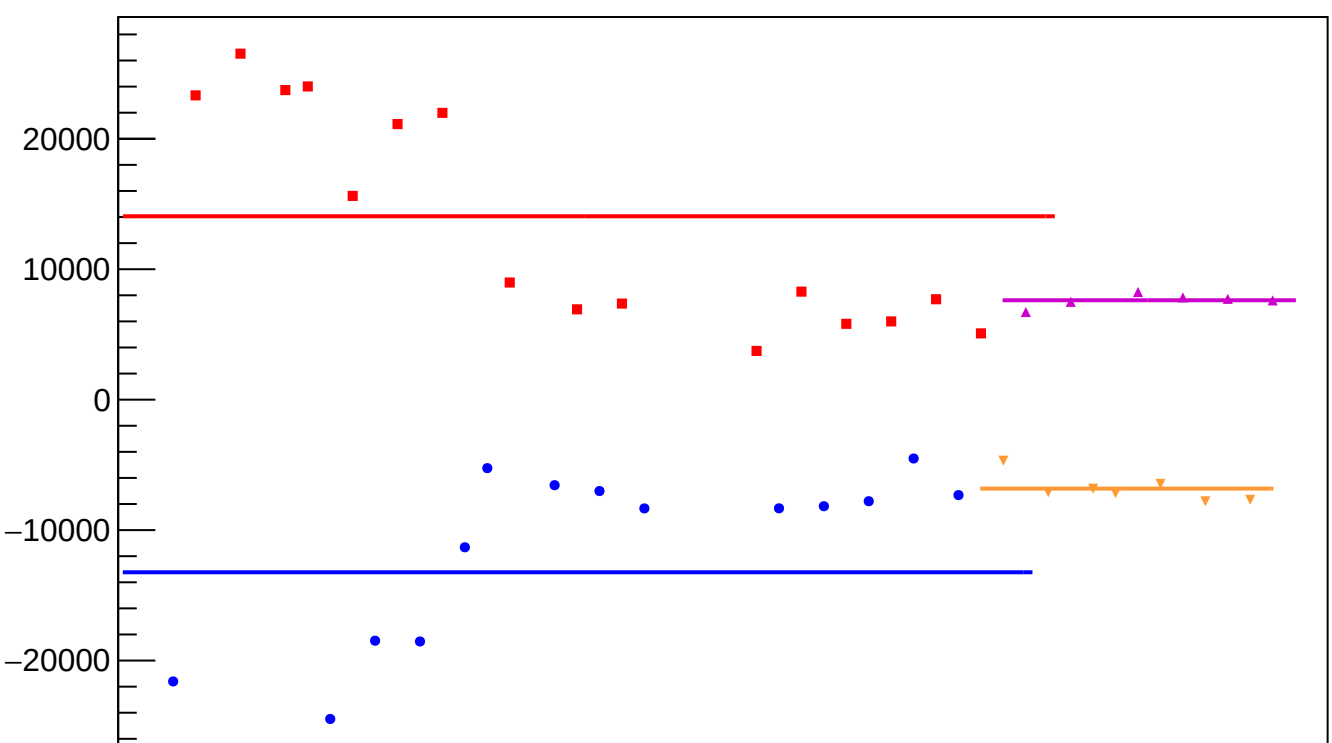
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 380.725+/-0.000 χ^2/NDF: 5423645594478390

Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -6816.263+/-0.000 χ^2/NDF:5186538728162655239474705615768183111168.0/6

In: -4027.107+/-0.000 χ^2/NDF:165959237139692

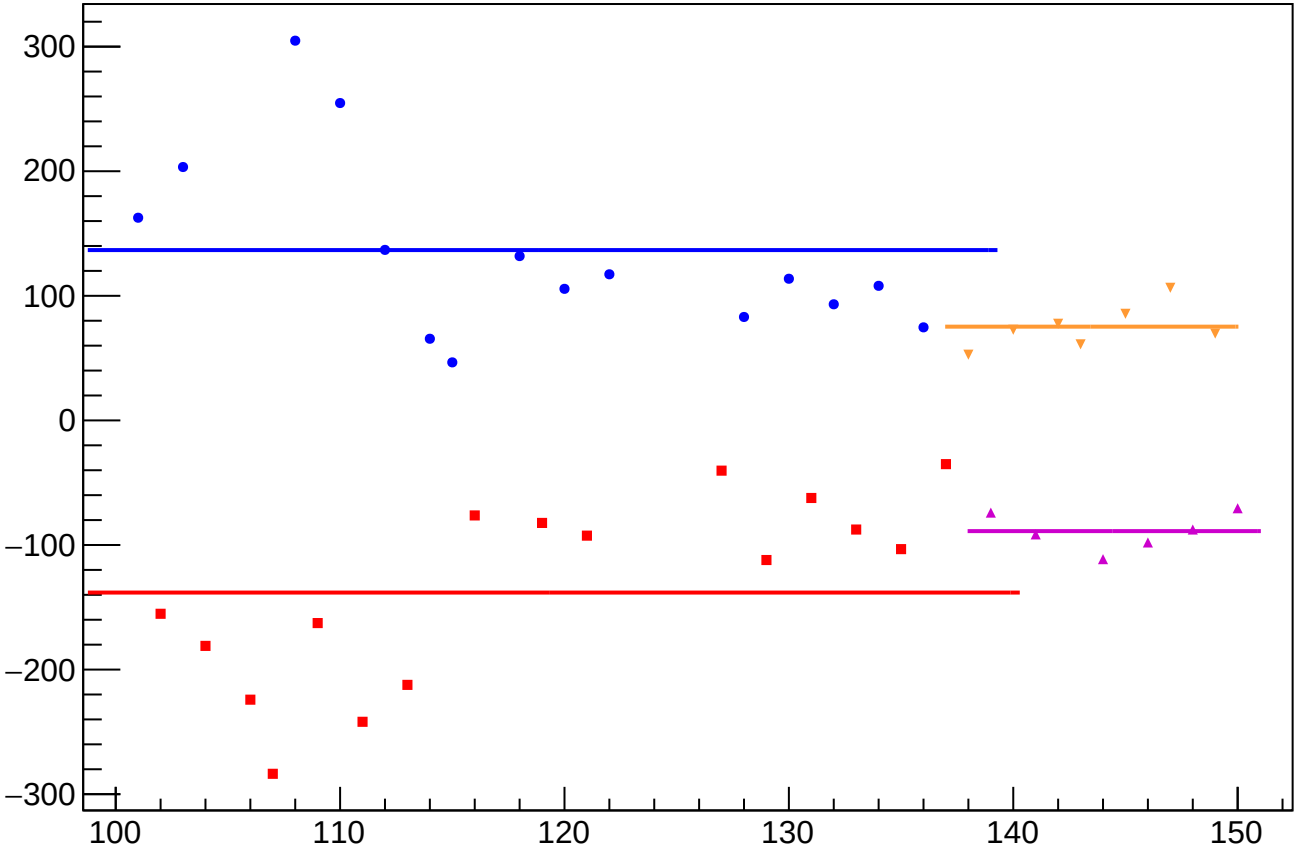
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 4954.267+/-0.000 χ^2/NDF:171803799177309

Left In: 7619.800+/-0.000 χ^2/NDF:1073866892826197001567227305156652564 48.0/5

All: 503.795+/-0.000 χ^2/NDF: 385049137609

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -6.566+/-0.000 χ^2/NDF: 71703174476406309

Right In: 136.711+/-0.000 χ^2/NDF: 268706503088522712629176426745665945 6.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.249+/-0.000 χ^2/NDF:1408926122745951776434839784804843 52.0/6

In: 37.126+/-0.000 χ^2/NDF:173671066255814331

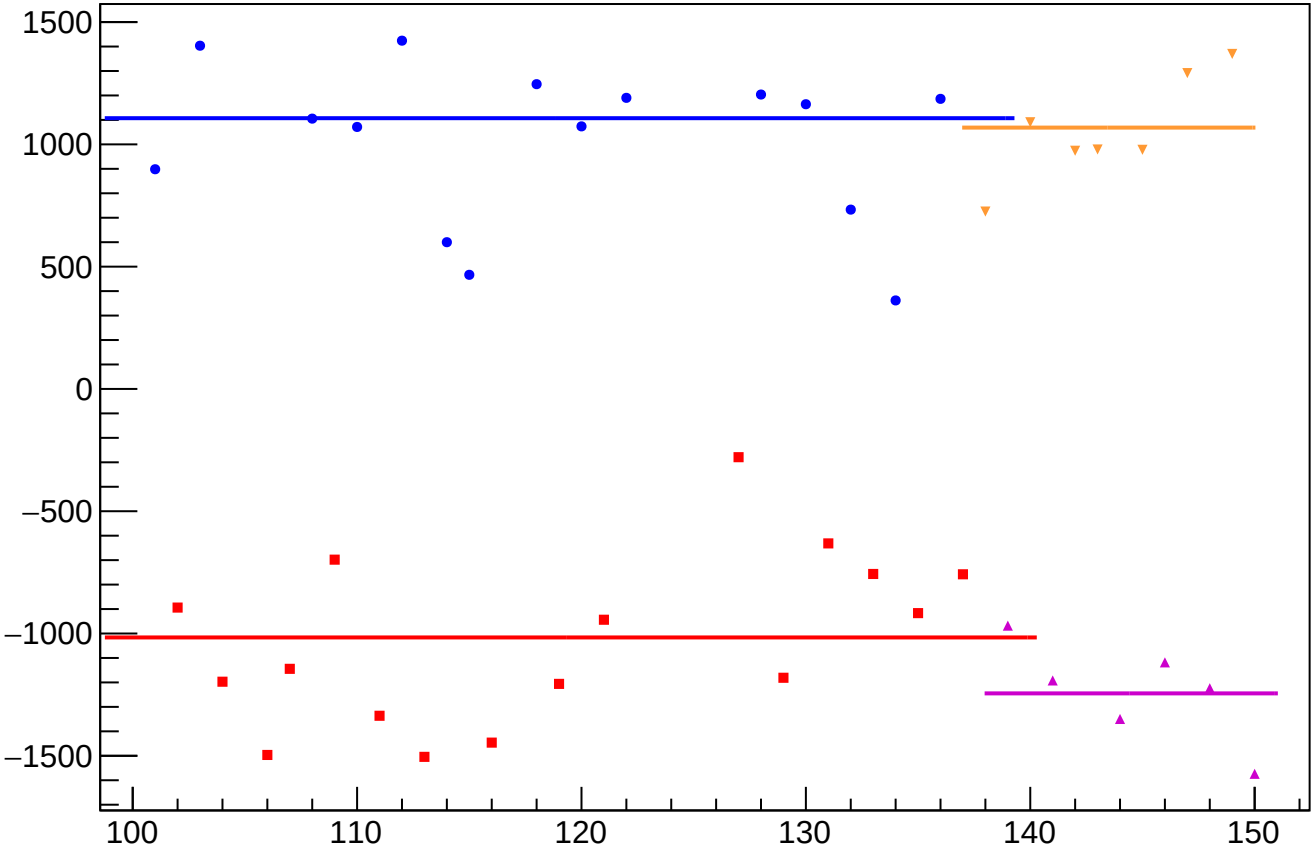
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -45.086+/-0.000 χ^2/NDF:1662423058913868

Left In: -88.860+/-0.000 χ^2/NDF:101233007852110155909085592203296768.0/5

All: -4.348+/-0.000 χ^2/NDF: 3795334326848

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:1644085367566080 95

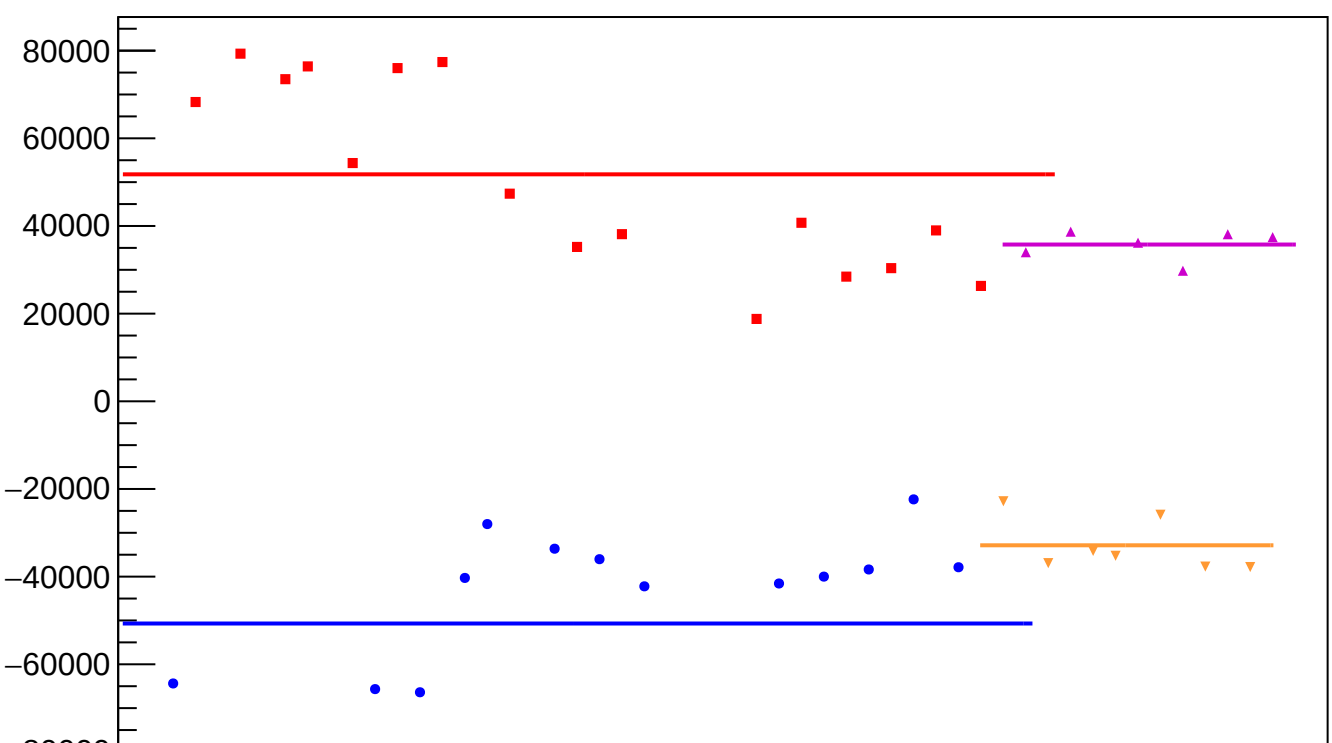
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

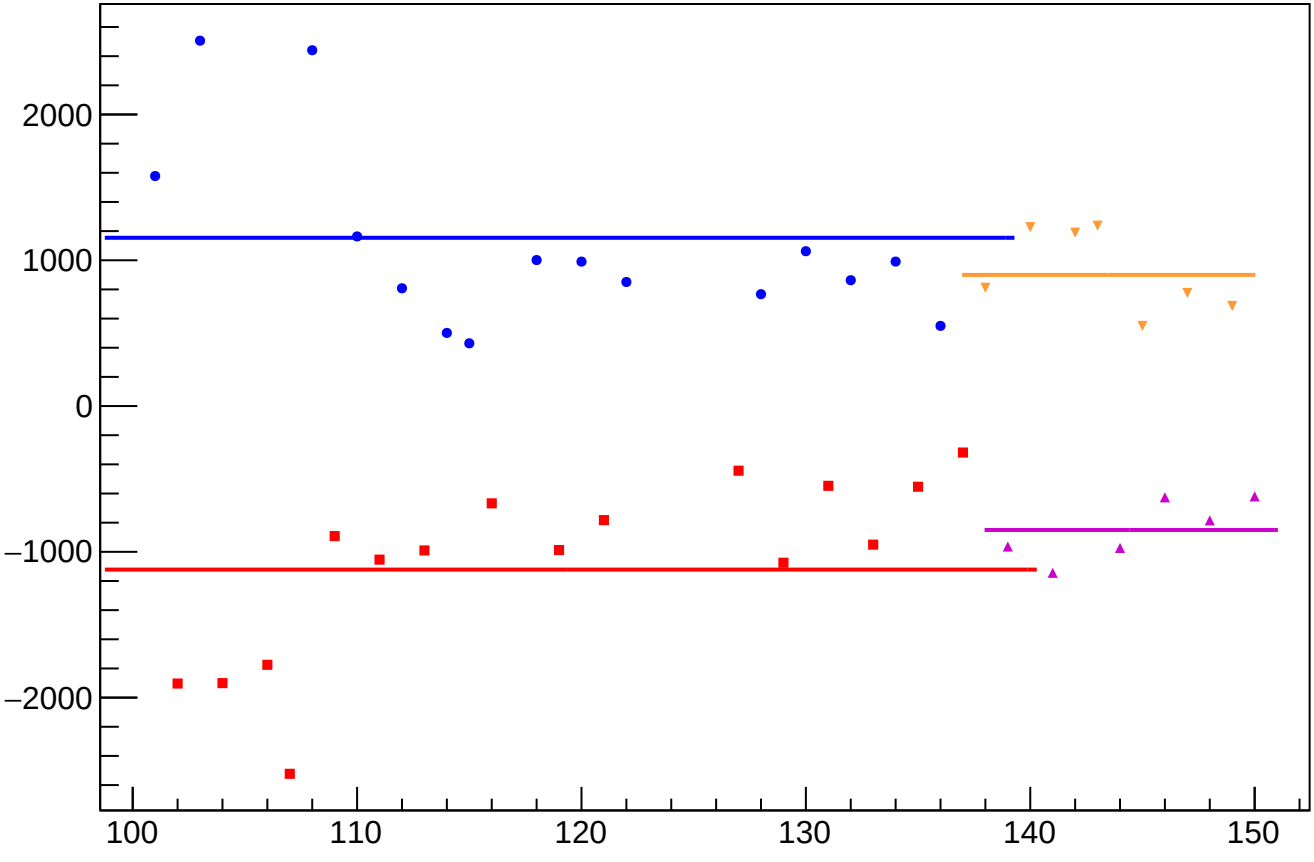
All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam2_coil4_mean vs Slug, Sign Corrected



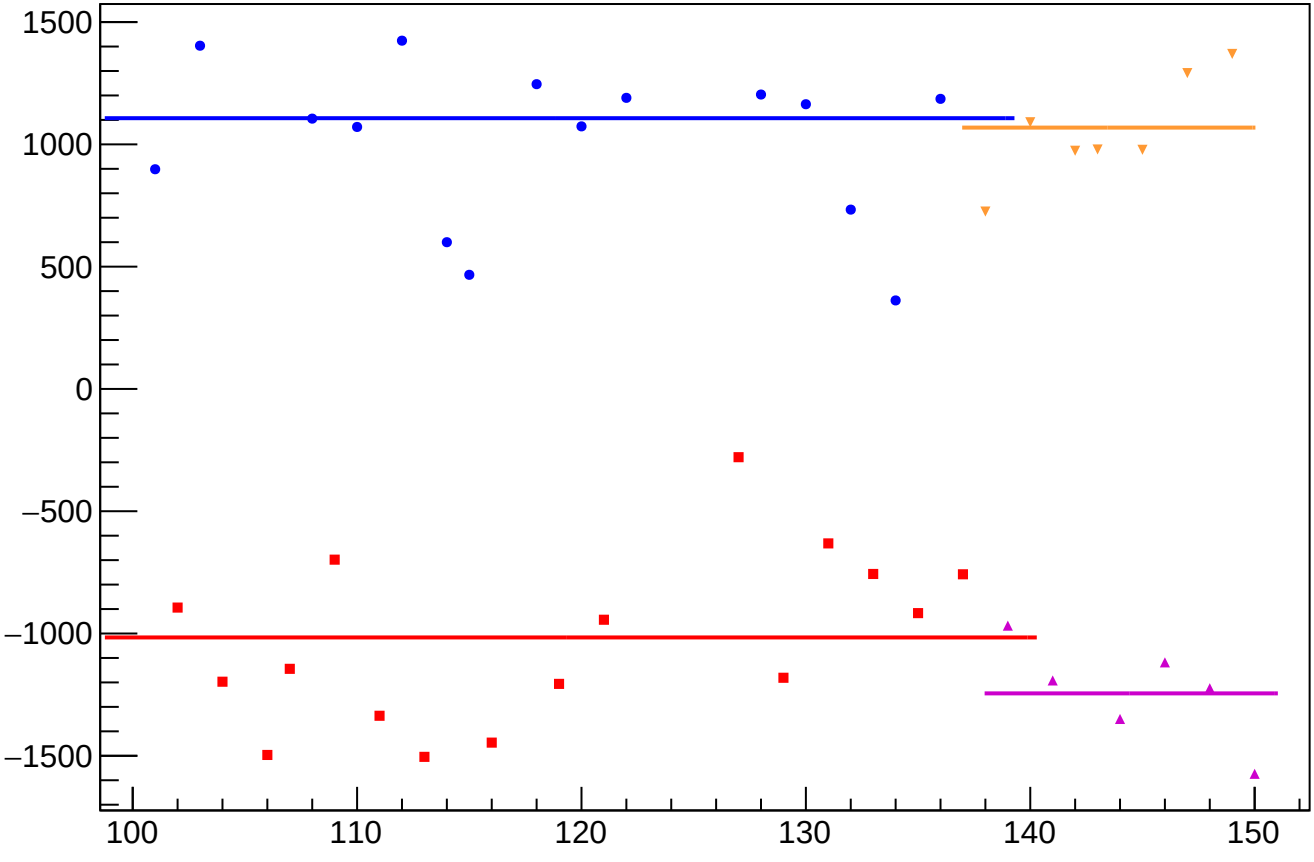
Left: 1357.727+/-0.000 χ^2/NDF: 12334568398937
Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14
Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379
Left Out: -32851.243+/-0.000 χ^2/NDF:175366055870511527258283296792954221363 20.0/6
In: -12524.086+/-0.000 χ^2/NDF:2373245390523 5
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15
Out: 14867.817+/-0.000 χ^2/NDF:2383300608276 0
Left In: 35766.749+/-0.000 χ^2/NDF:46872190478962744938332105194907338014 72.0/5
All: 1294.516+/-0.000 χ^2/NDF: 5196383703 3

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 27.369+/-0.000 χ^2/NDF: 8425098274373908
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3
Left Out: 899.695+/-0.000 χ^2/NDF:3582904395756621964446098322704721510 4.0/6
In: 269.433+/-0.000 χ^2/NDF:1419470357508327 1
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
Out: -240.142+/-0.000 χ^2/NDF:1451020556717 04
Left In: -850.057+/-0.000 χ^2/NDF:1908304397319703958004396803725511884 8.0/5
All: 12.364+/-0.000 χ^2/NDF: 3022708309907

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:164408536756608095

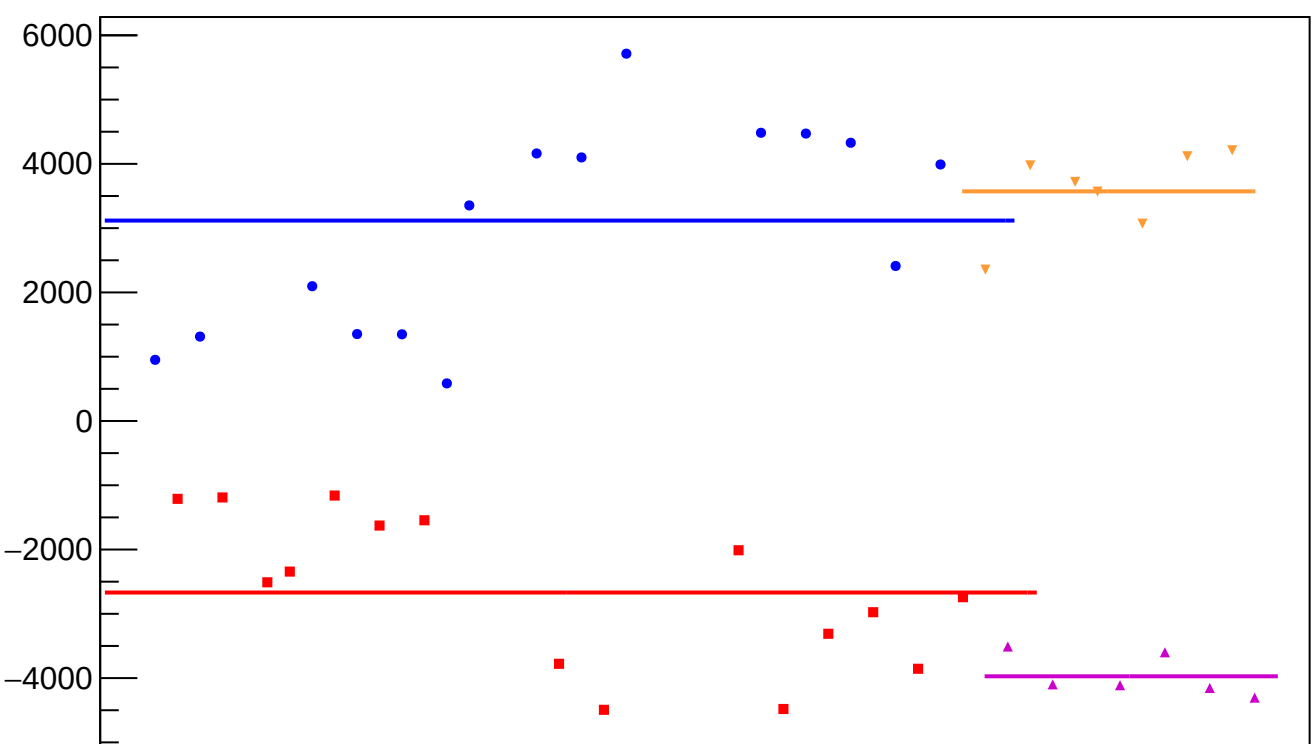
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:186362697773488358495356851422201118 72.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -188.694+/-0.000 χ^2/NDF: 148953801152698

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Right: 184.985+/-0.000 χ^2/NDF: 137039743554262

Left Out: 3572.575+/-0.000 χ^2/NDF:2080482951623518181726967614800333337344.0/6

In: -12.124+/-0.000 χ^2/NDF:15999858326555728

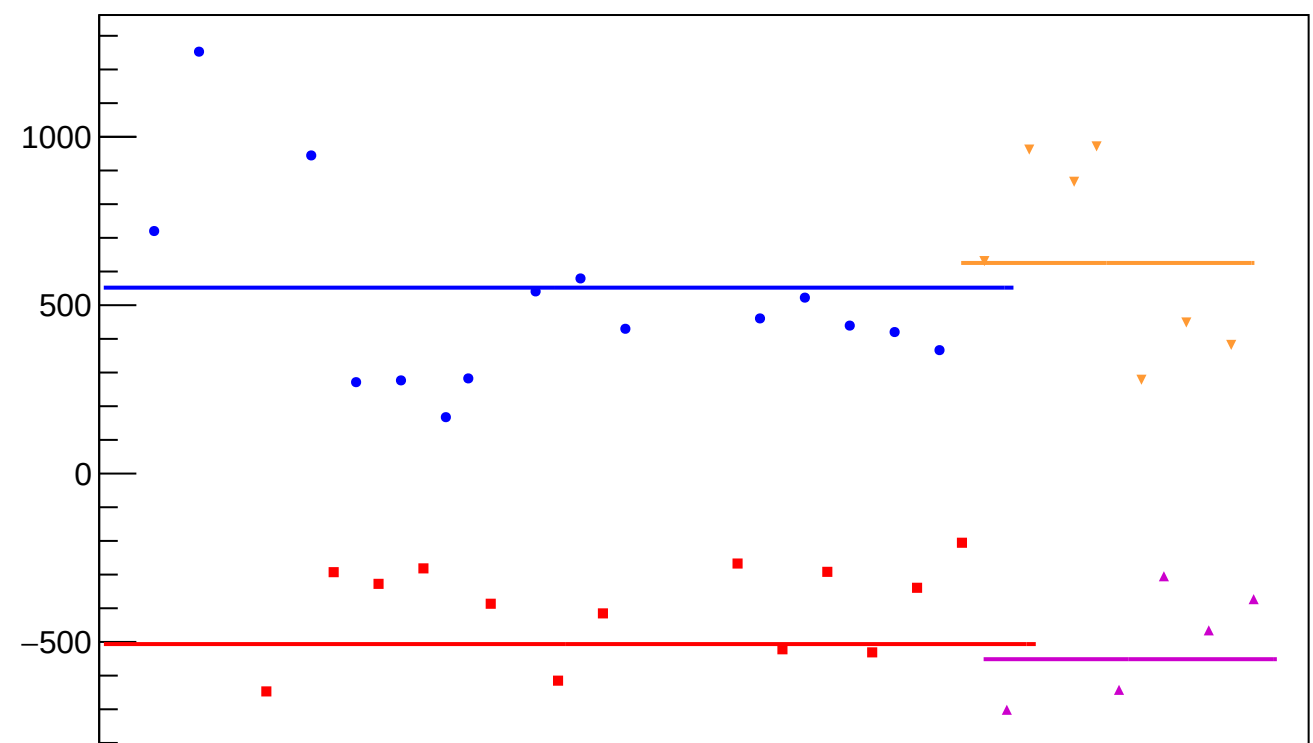
Right Out: -2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711462 4.0/15

Out: 53.561+/-0.000 χ^2/NDF:1267760215774263 9

Left In: -3971.958+/-0.000 χ^2/NDF:4479229457302302587107283170387977830 4.0/5

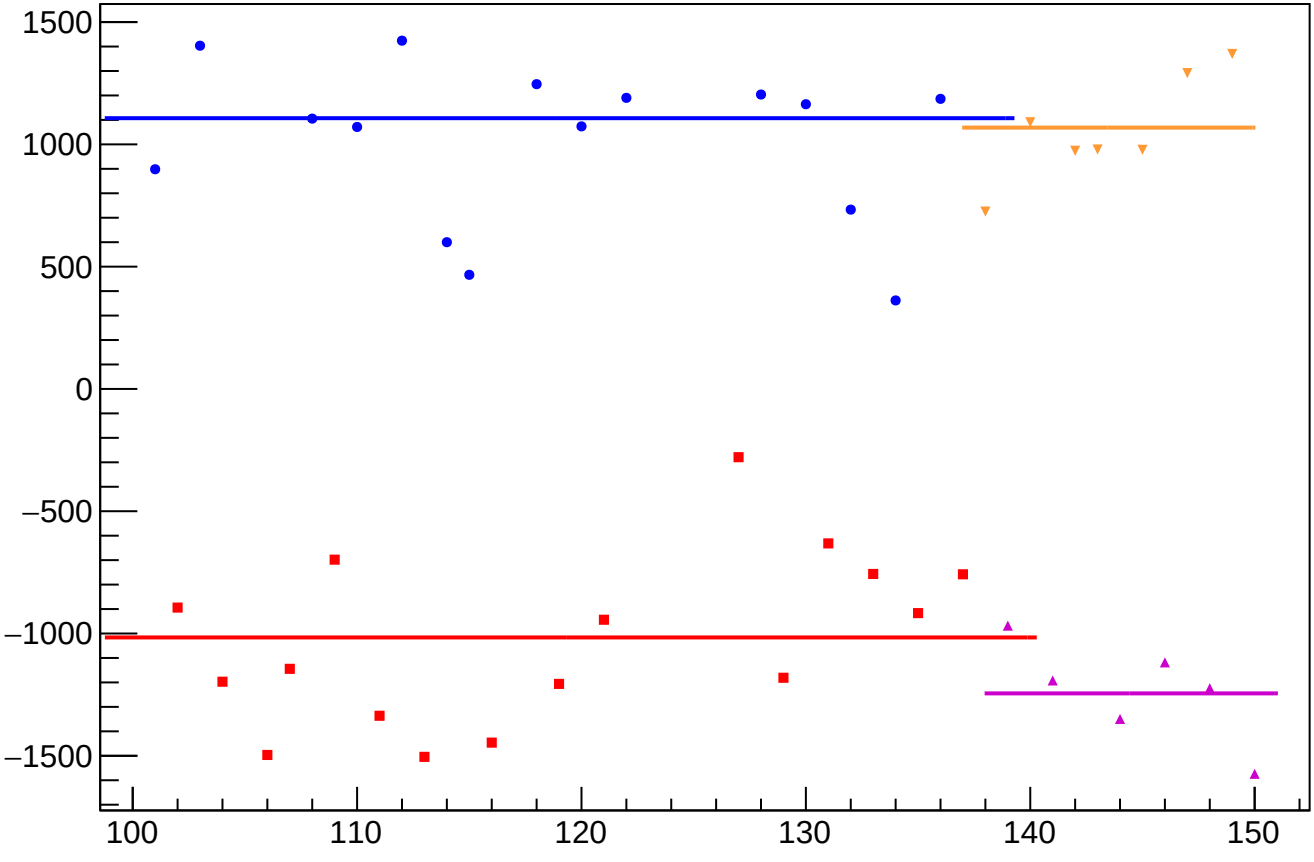
All: 21.012+/-0.000 χ^2/NDF: 2867998970516

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 38.825+/-0.000 χ^2/NDF: 4109929826793232
Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14
Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982
Left Out: 625.458+/-0.000 χ^2/NDF:371531527360371174106980601580046254 08.0/6
In: 65.002+/-0.000 χ^2/NDF:41719277230750782 6
Right Out: -506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15
Out: -12.676+/-0.000 χ^2/NDF:4470116378220285
Left In: -551.239+/-0.000 χ^2/NDF:176509421847801245180313596292570808 32.0/5
All: 25.815+/-0.000 χ^2/NDF: 867741559082 5

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

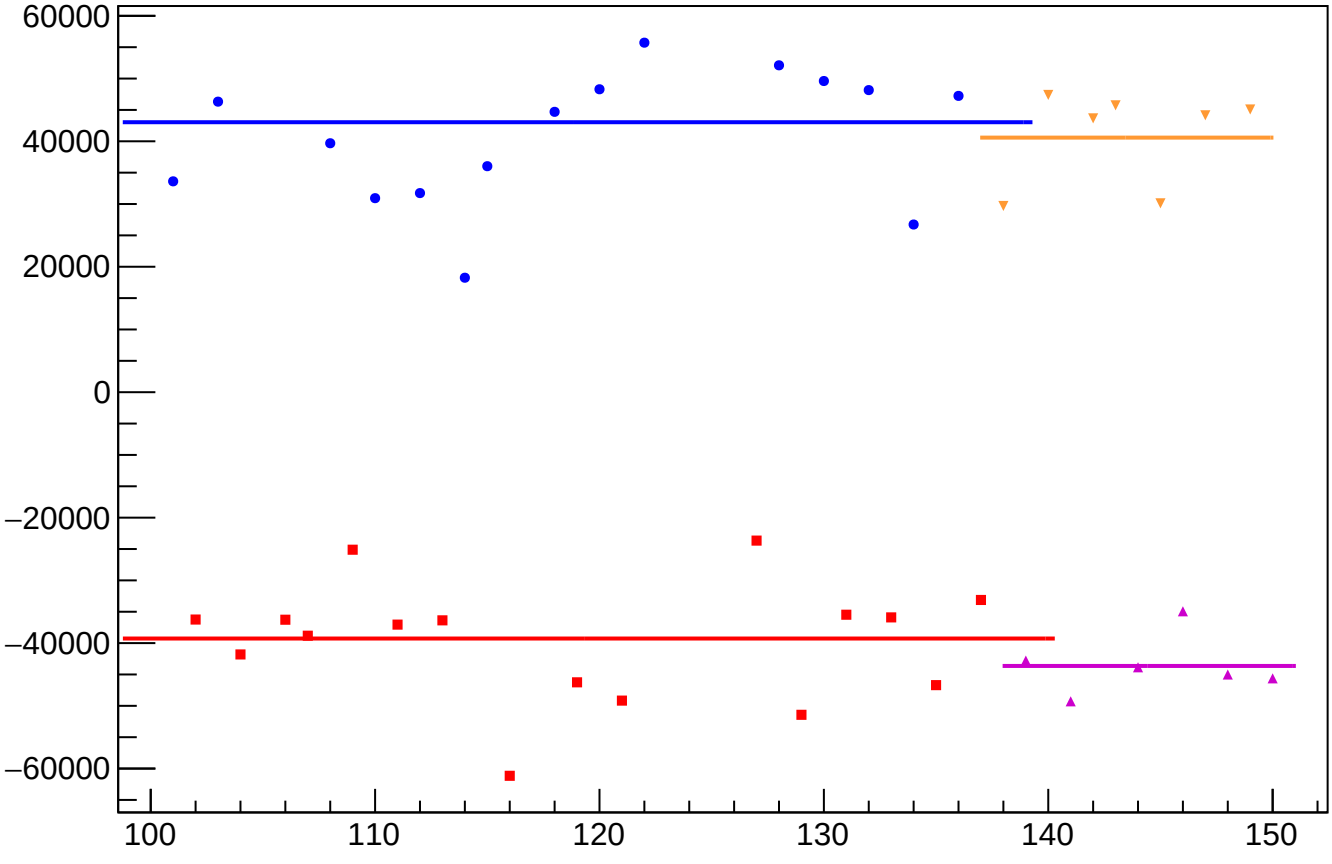
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

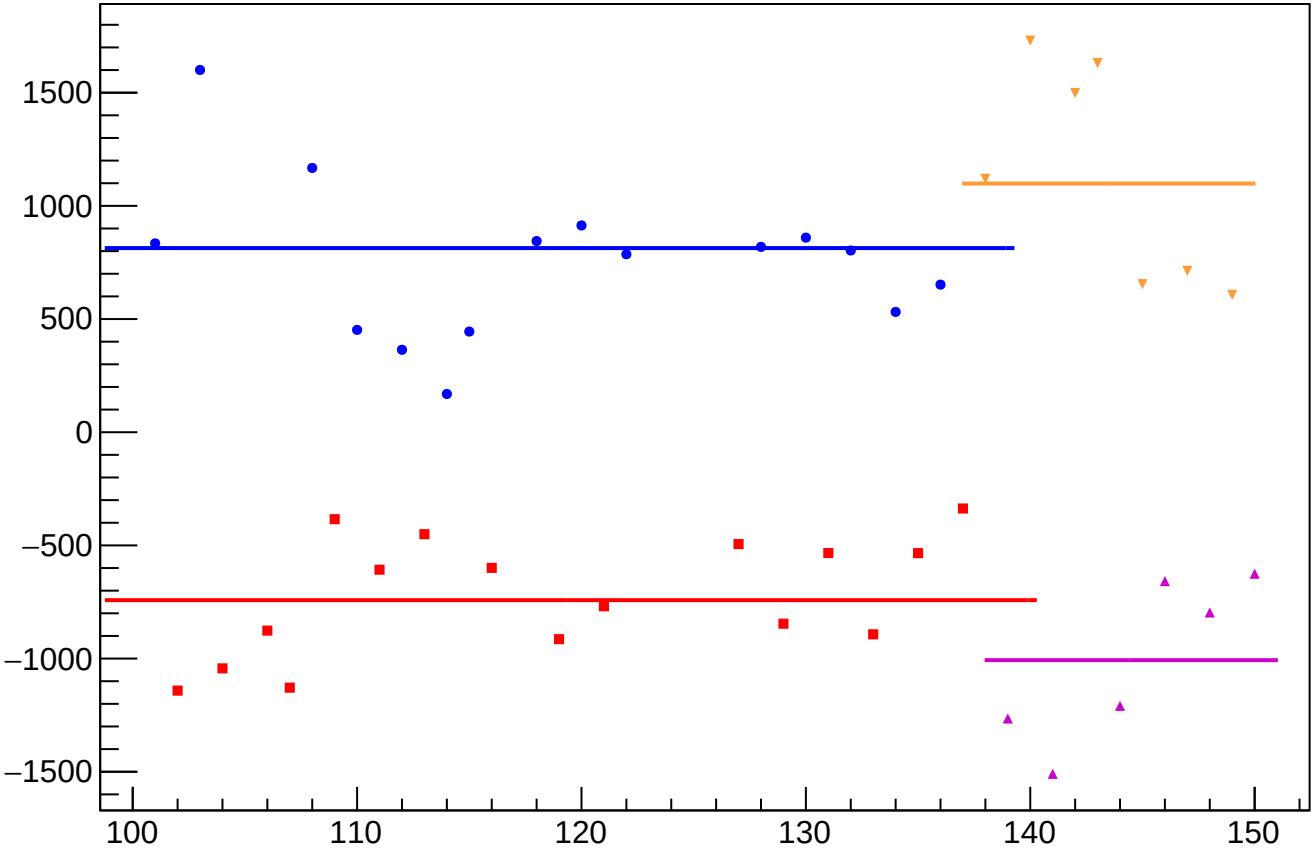
All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam4_coil4_mean vs Slug, Sign Corrected



Left: -1405.043+/-0.000 χ^2/NDF: 18613896189291
Right In: 43039.927+/-0.000 χ^2/NDF: 483970529225617226526667864075521795031 04.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 40585.798+/-0.000 χ^2/NDF:2683507495870998592818161080182100721 6640.0/6
In: 4771.818+/-0.000 χ^2/NDF:221079570085316 3
Right Out: -39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516 7360.0/15
Out: -4438.351+/-0.000 χ^2/NDF:19339461224725
Left In: -43641.443+/-0.000 χ^2/NDF:9579875464954673944967246649728148963328.0/5
All: 125.494+/-0.000 χ^2/NDF: 41944677887 5

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 48.907+/-0.000 χ^2/NDF: 1305243710380169

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984

Left Out: 1098.738+/-0.000 χ^2/NDF:1069481328533472471321352201073495900 16.0/6

In: 9.758+/-0.000 χ^2/NDF:1074336298798848563

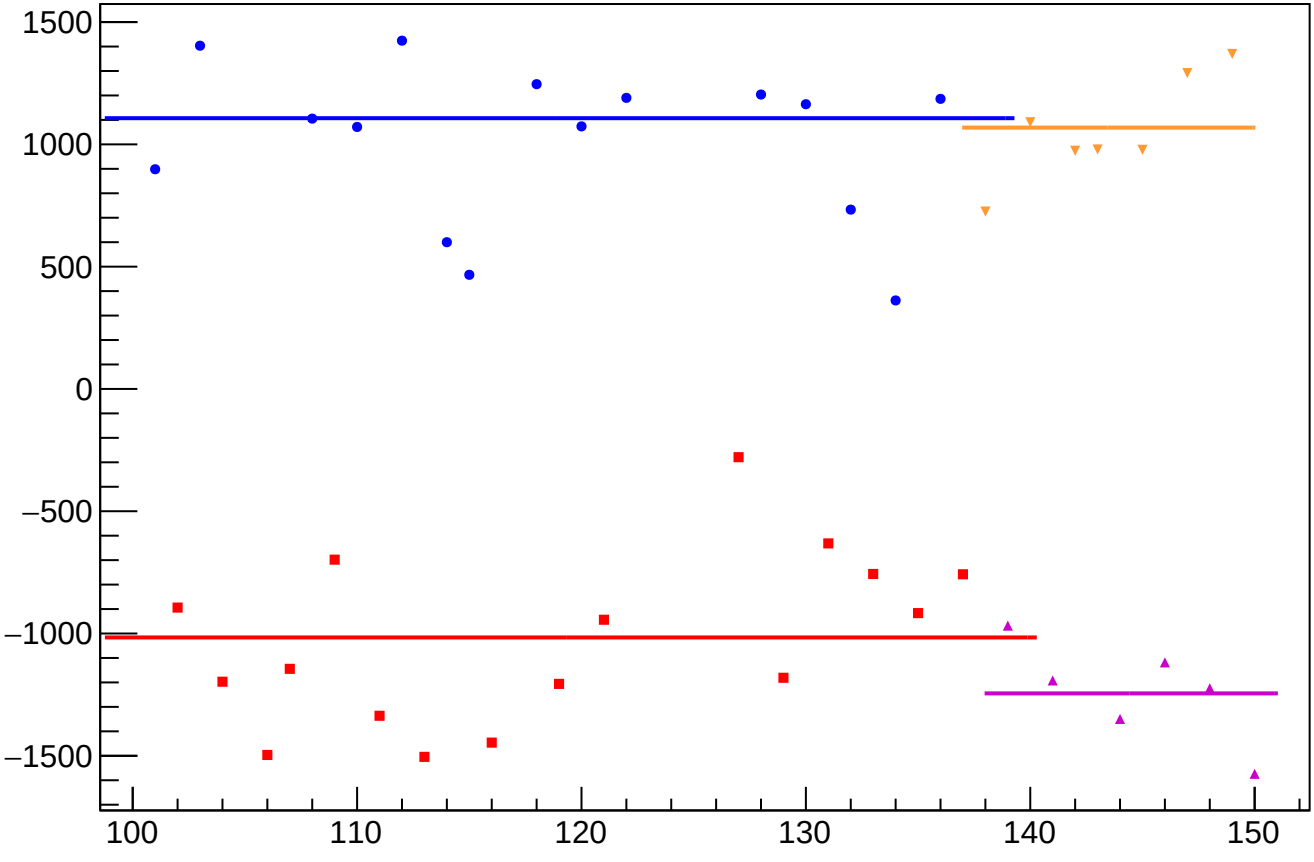
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

Out: 60.942+/-0.000 χ^2/NDF:1136694683958464 9

Left In: -1007.063+/-0.000 χ^2/NDF:5755724977796839804110064494313891430 4.0/5

All: 35.579+/-0.000 χ^2/NDF: 2212566708821

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

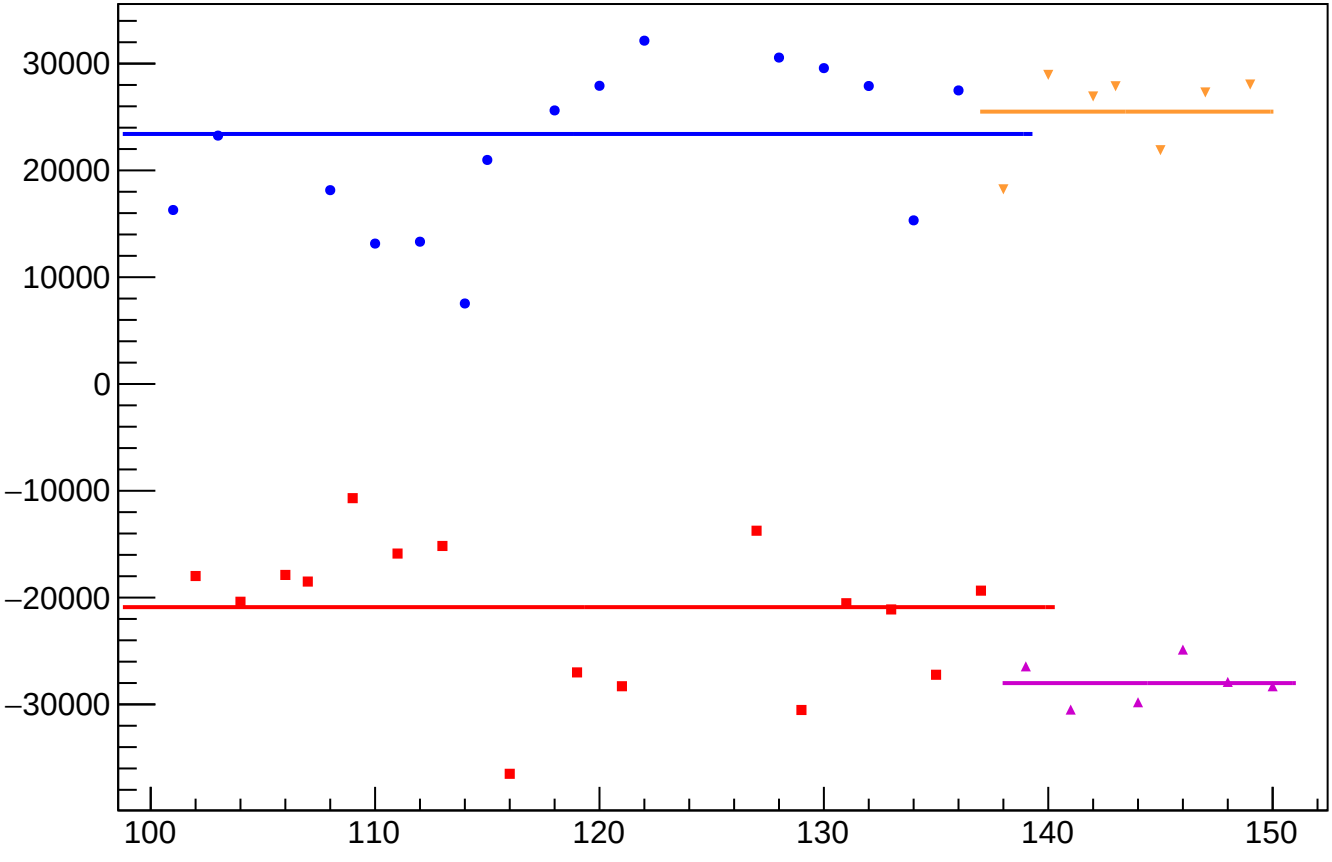
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

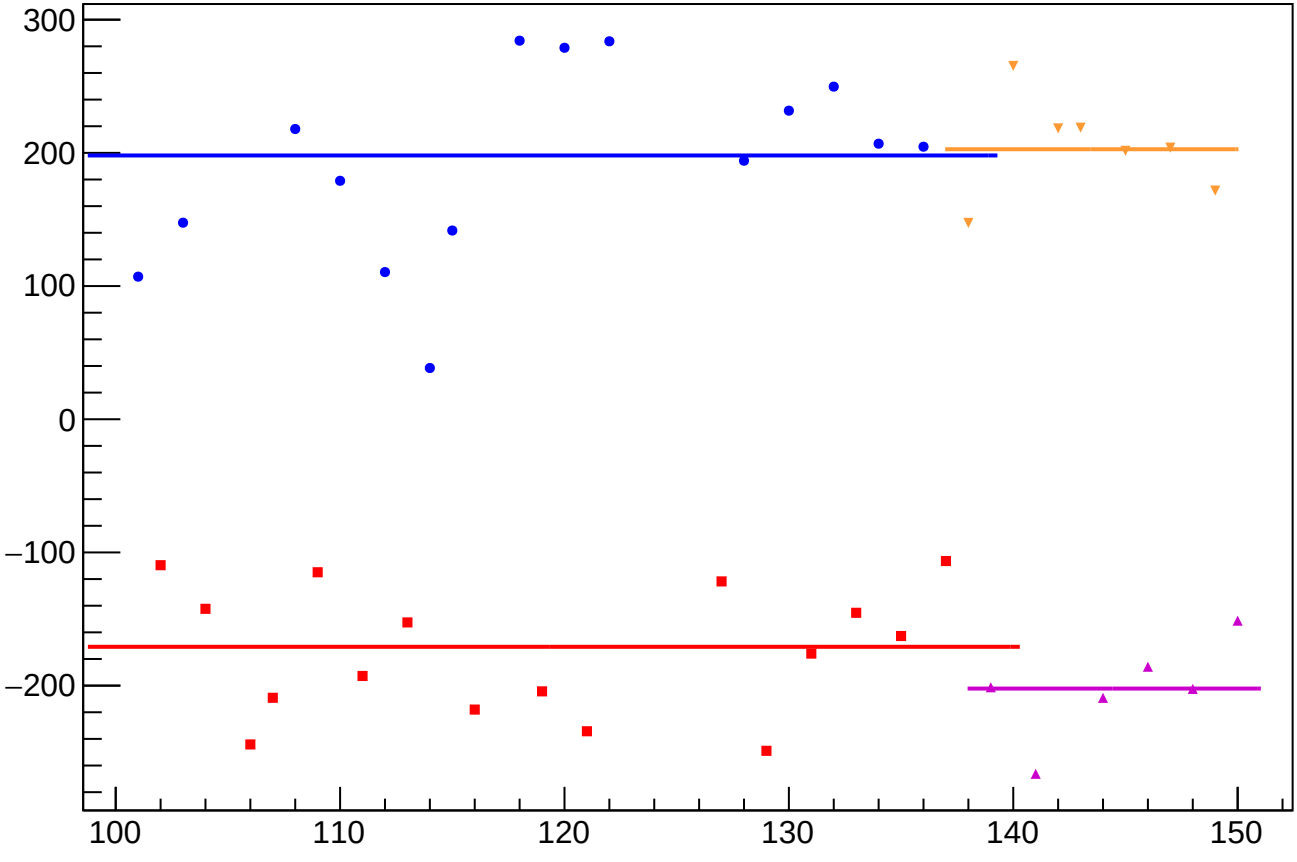
All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -1173.915+/-0.000 χ^2/NDF: 74583220671508
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 25503.009+/-0.000 χ^2/NDF:741935507857413891109281248050156457164 8.0/6
In: 711.322+/-0.000 χ^2/NDF:7877782395771567 4
Right Out: -20894.122+/-0.000 χ^2/NDF: 27408965804578649107002909409987218374656.0/15
Out: -656.658+/-0.000 χ^2/NDF:661114800527987
Left In: -28006.844+/-0.000 χ^2/NDF:183406372605418972515068956385473252556 8.0/5
All: 21.207+/-0.000 χ^2/NDF: 1449990043620

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 0.855+/-0.000 χ^2/NDF: 434642108824660068

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 202.736+/-0.000 χ^2/NDF:669493876817420279309588988174532608.0/6

In: 21.347+/-0.000 χ^2/NDF:48997963237418807

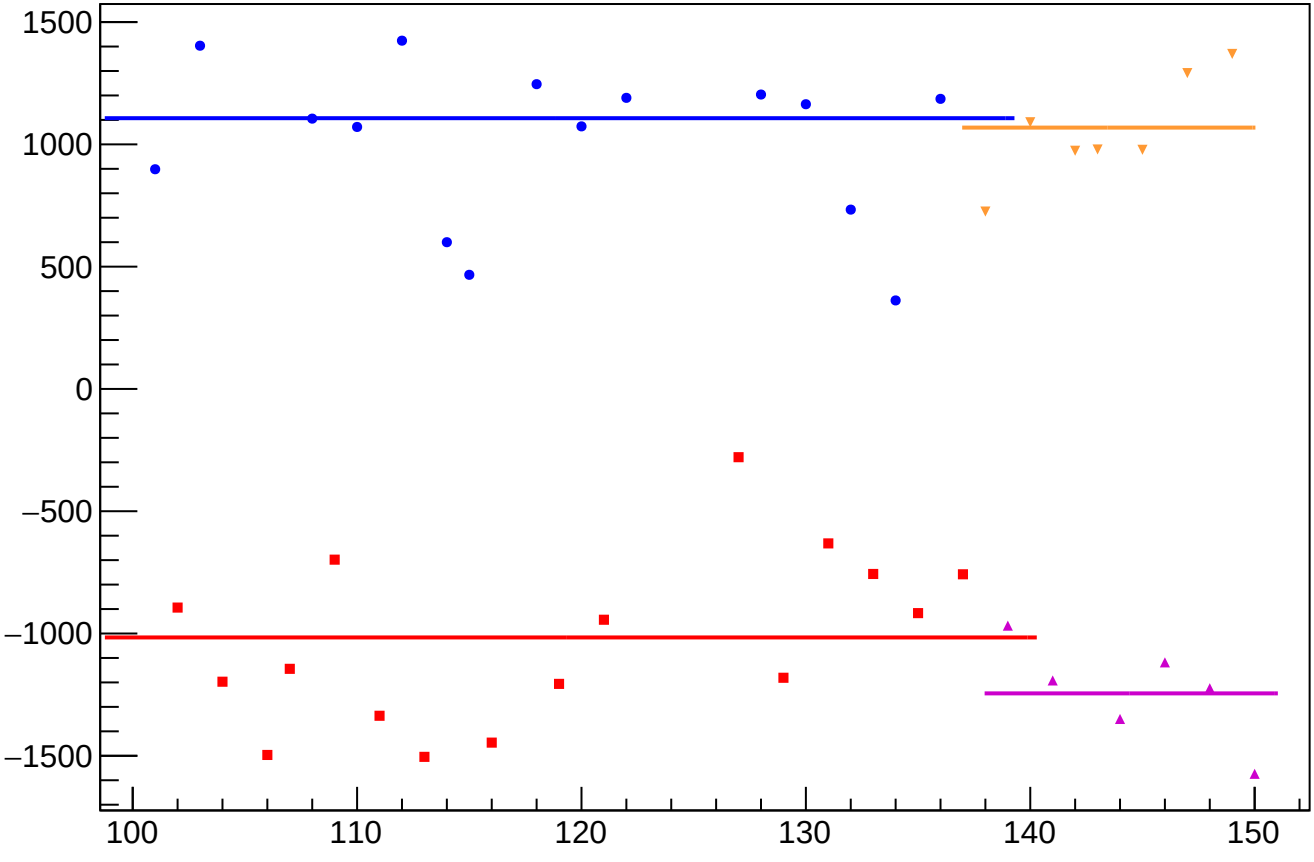
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: -7.900+/-0.000 χ^2/NDF:42692445437902297

Left In: -202.207+/-0.000 χ^2/NDF:611408857944287579306394847184683008.0/5

All: 6.593+/-0.000 χ^2/NDF: 92191864957912

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

In: 68.753+/-0.000 χ^2/NDF:164408536756608095

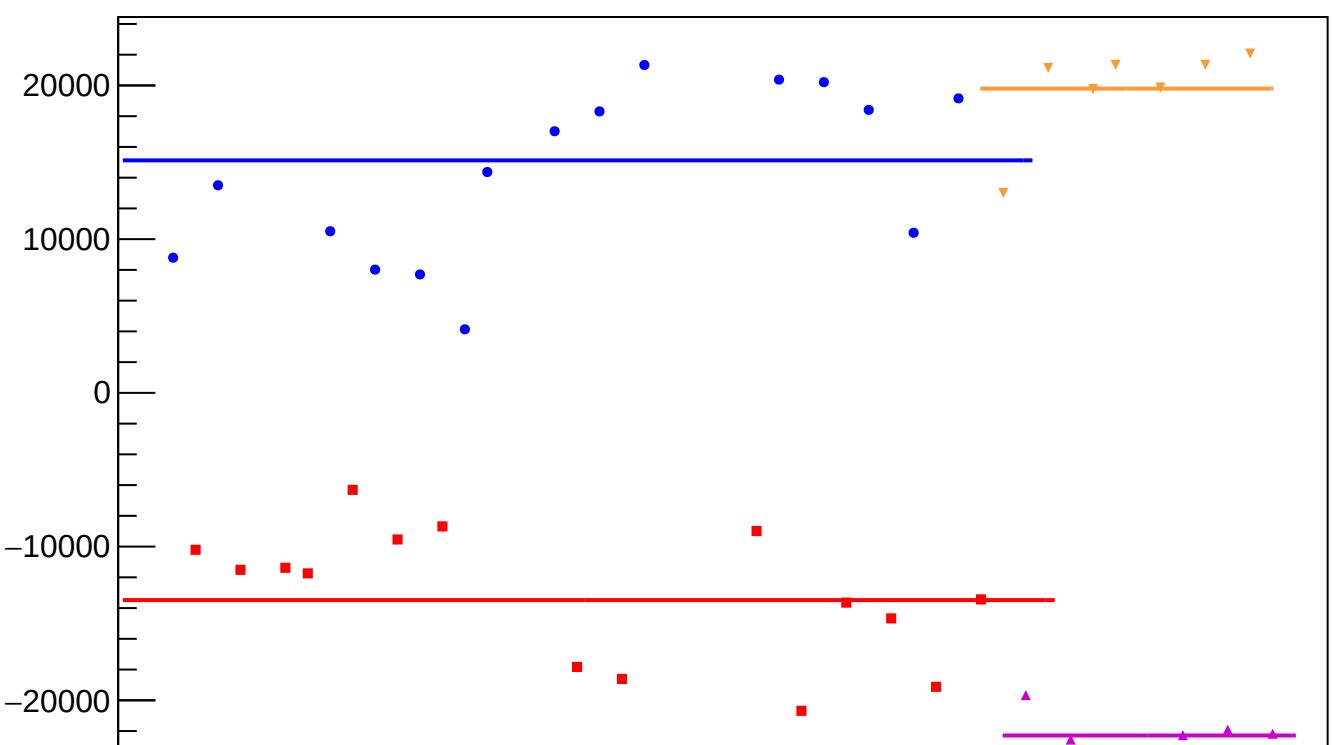
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -1186.367+/-0.000 χ^2/NDF: 46130002429047

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 19793.686+/-0.000 χ^2/NDF:45230194569551946489794264083468888962048.0/6

In: -1392.123+/-0.000 χ^2/NDF:418910372144590

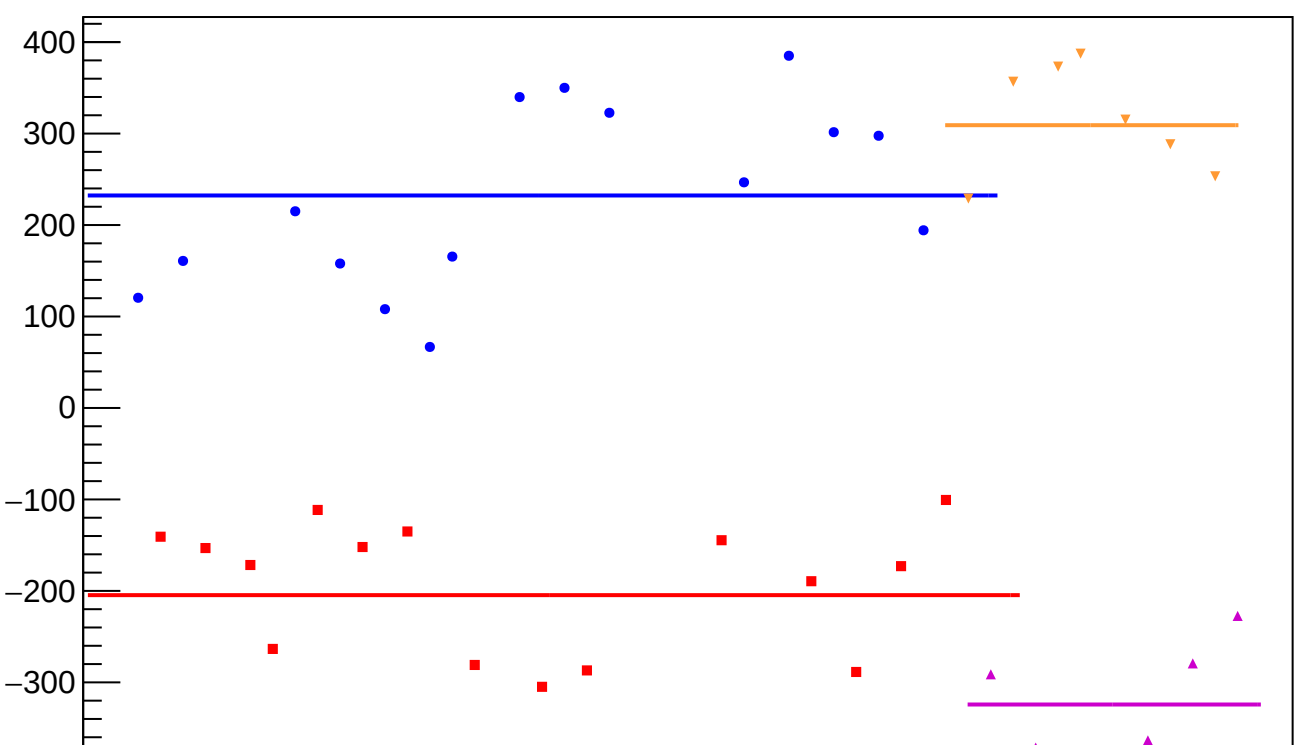
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 1032.025+/-0.000 χ^2/NDF:342578308892602

Left In: -22289.110+/-0.000 χ^2/NDF:12009617937303365091491236151064809963 52.0/5

All: -169.195+/-0.000 χ^2/NDF: 7649334995 0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: -6.602+/-0.000 χ^2/NDF: 10692584345406695

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 309.153+/-0.000 χ^2/NDF:1584774954630553989171409070208319488.0/6

In: -13.379+/-0.000 χ^2/NDF:96364798868094313

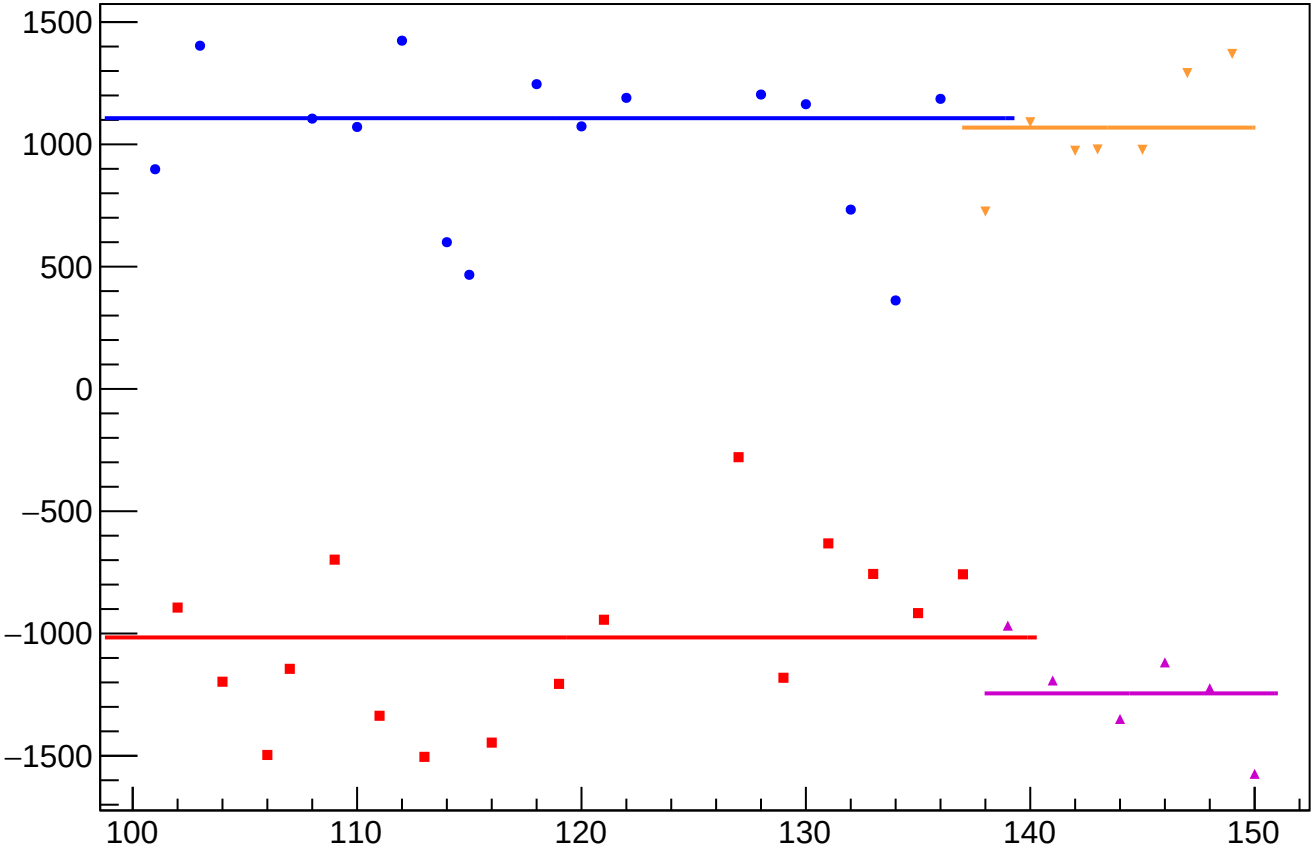
Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: 19.468+/-0.000 χ^2/NDF:82940172545233480

Left In: -324.204+/-0.000 χ^2/NDF:2148228643887272814032798056701755392.0/5

All: 3.192+/-0.000 χ^2/NDF: 17993741775178

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538905 6.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

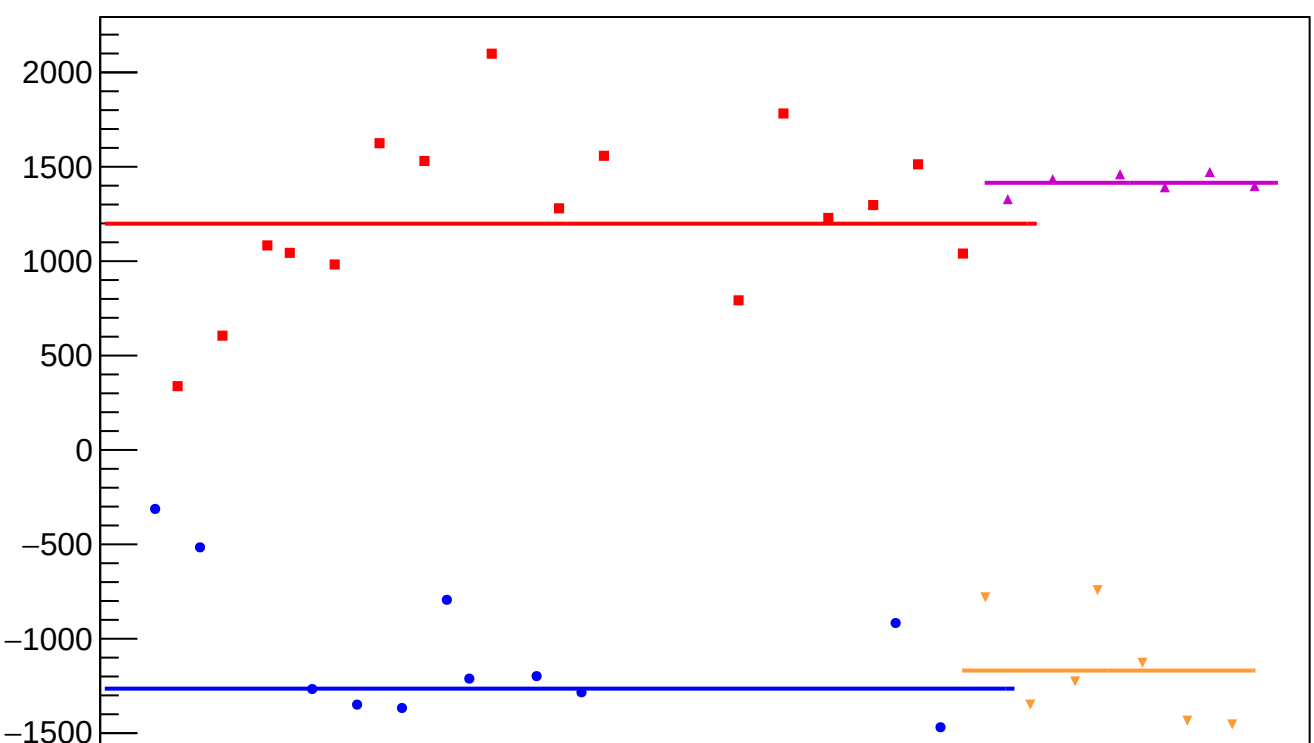
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011187 2.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam7_coil4_mean vs Slug, Sign Corrected



Left: 119.547+/-0.000 χ^2/NDF: 1757518268041917

Right In: -1264.303+/-0.000 χ^2/NDF: 14021525153850265754917399454393198182 4.0/14

Right: -16.067+/-0.000 χ^2/NDF: 226649511001664

Left Out: -1168.522+/-0.000 χ^2/NDF:39129998020825827729651705781902376960.0/6

In: -81.378+/-0.000 χ^2/NDF:2198446639198599 4

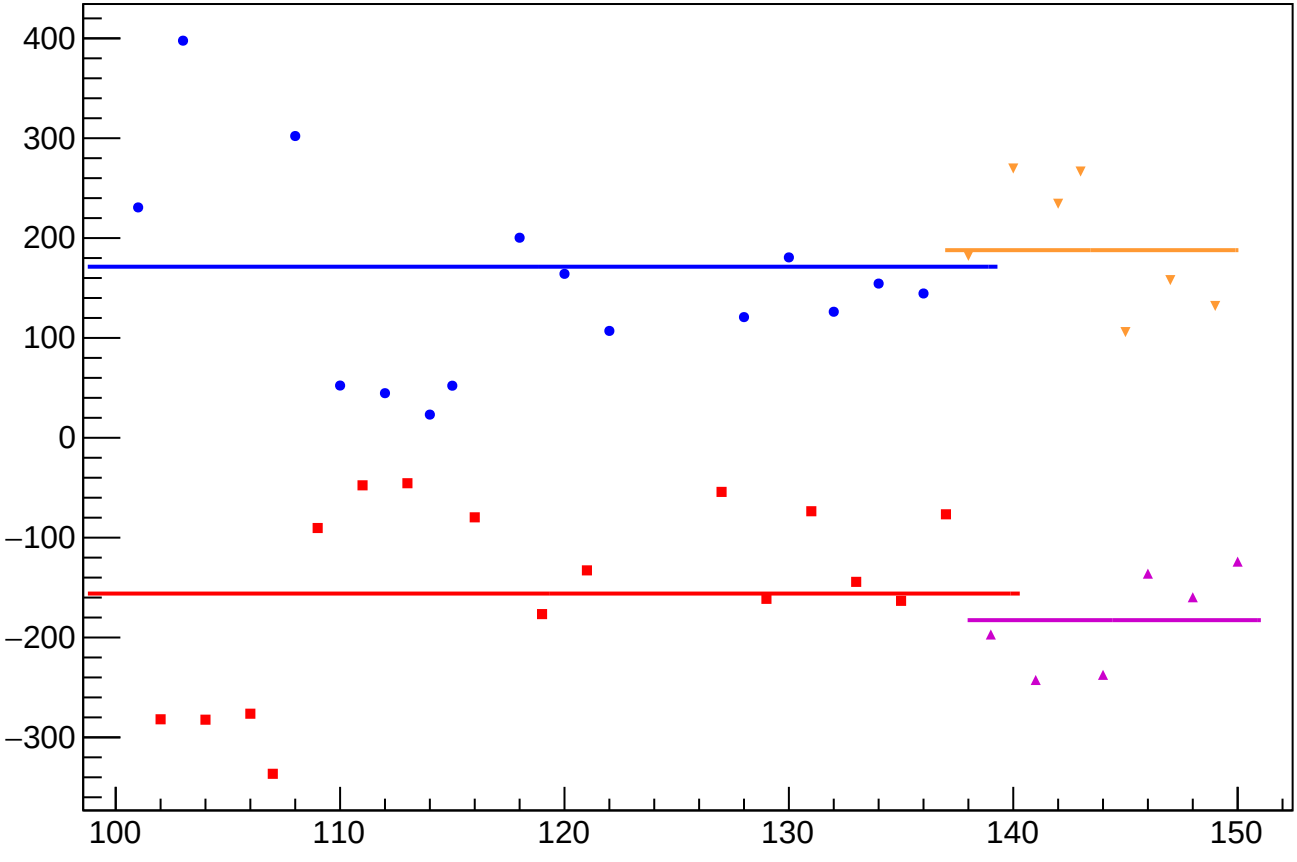
Right Out: 1198.483+/-0.000 χ^2/NDF: 131164763898016793515492217696167133184.0/15

Out: 166.045+/-0.000 χ^2/NDF:180030061121389 0

Left In: 1415.148+/-0.000 χ^2/NDF:116996184805248187157382515736864358 4.0/5

All: 43.441+/-0.000 χ^2/NDF: 403463360817 8

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14

Left Out: 187.888+/-0.000 χ^2/NDF:194338044377950353117506915475338035 2.0/6

Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Left In: -182.627+/-0.000 χ^2/NDF:112542359273198218200214500132729651 2.0/5

Left: 3.171+/-0.000 χ^2/NDF: 3838411833275068 77

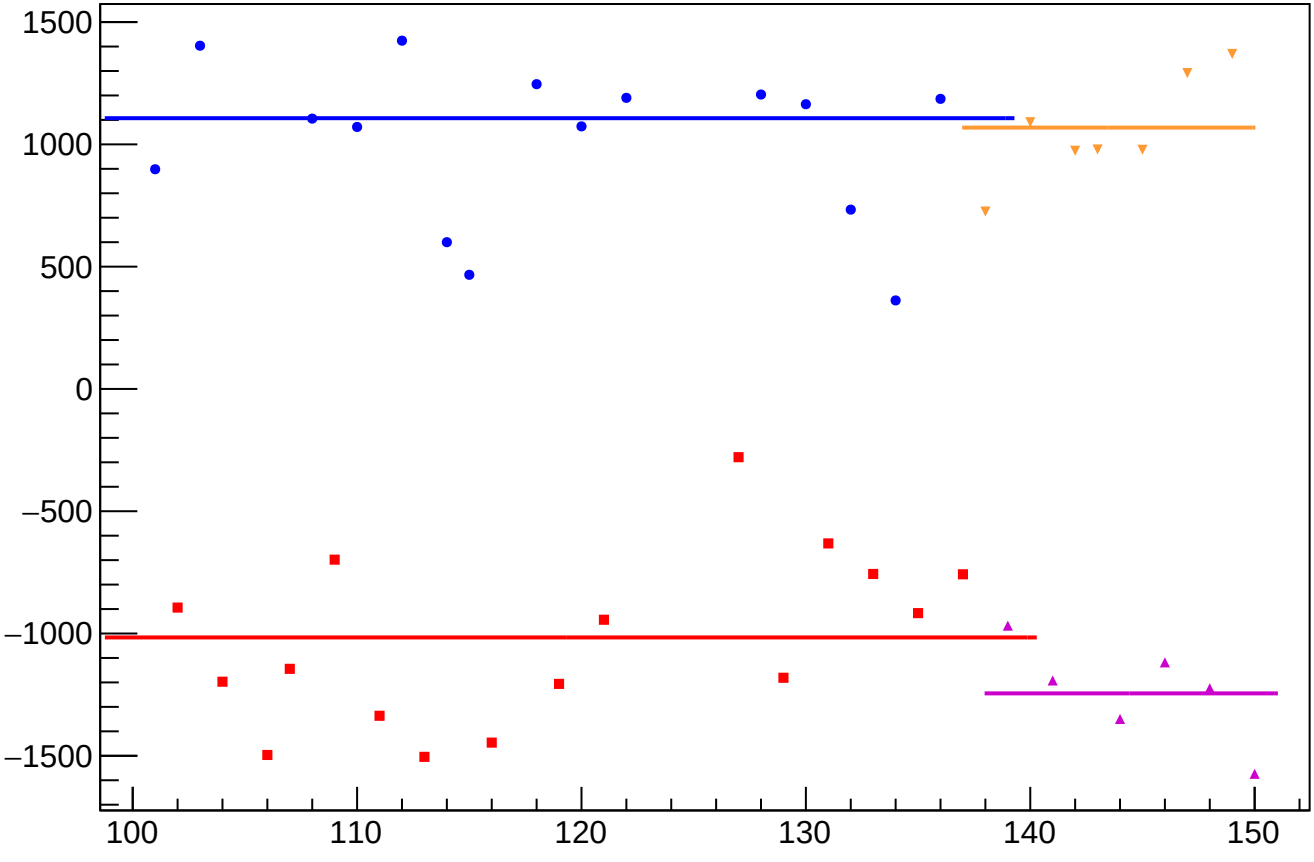
Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6

In: 15.061+/-0.000 χ^2/NDF:4314179903278016 15

Out: -6.000+/-0.000 χ^2/NDF:4202796103031485 8

All: 4.436+/-0.000 χ^2/NDF: 8542976441559 5

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

In: 68.753+/-0.000 χ^2/NDF:16440853675660809 5

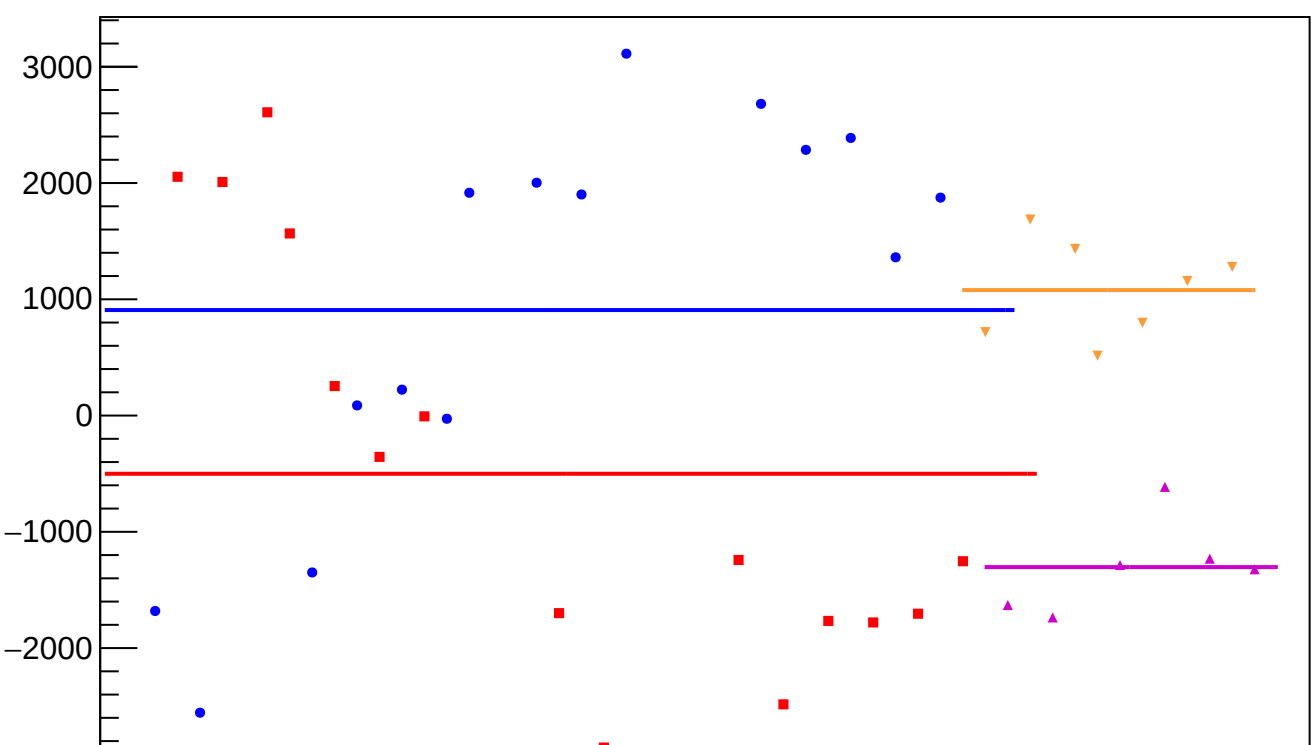
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -108.580+/-0.000 χ^2/NDF: 160280220000008

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1079.317+/-0.000 χ^2/NDF:7773511047175734363673884393708139315 2.0/6

In: -68.612+/-0.000 χ^2/NDF:35722841625850262

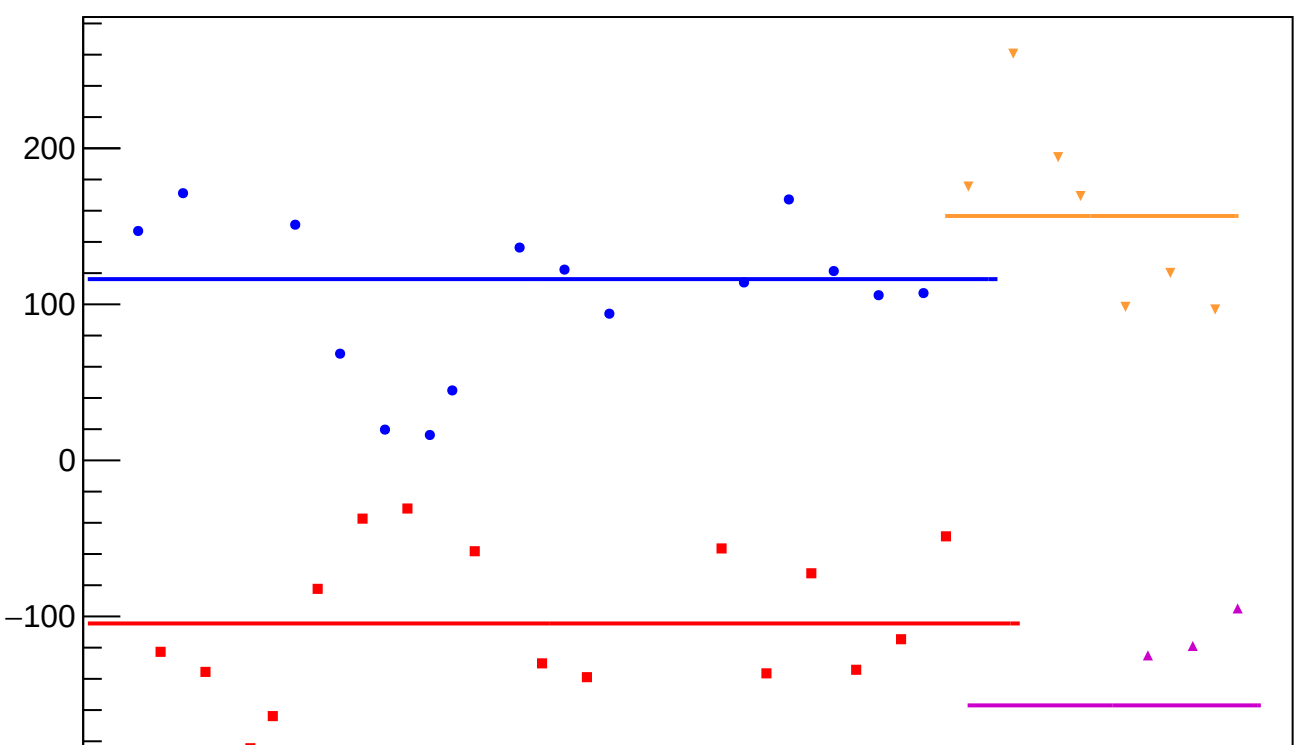
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 188.477+/-0.000 χ^2/NDF:2878254886671015

Left In: -1303.424+/-0.000 χ^2/NDF:6455421137991257163908179133785440256 0.0/5

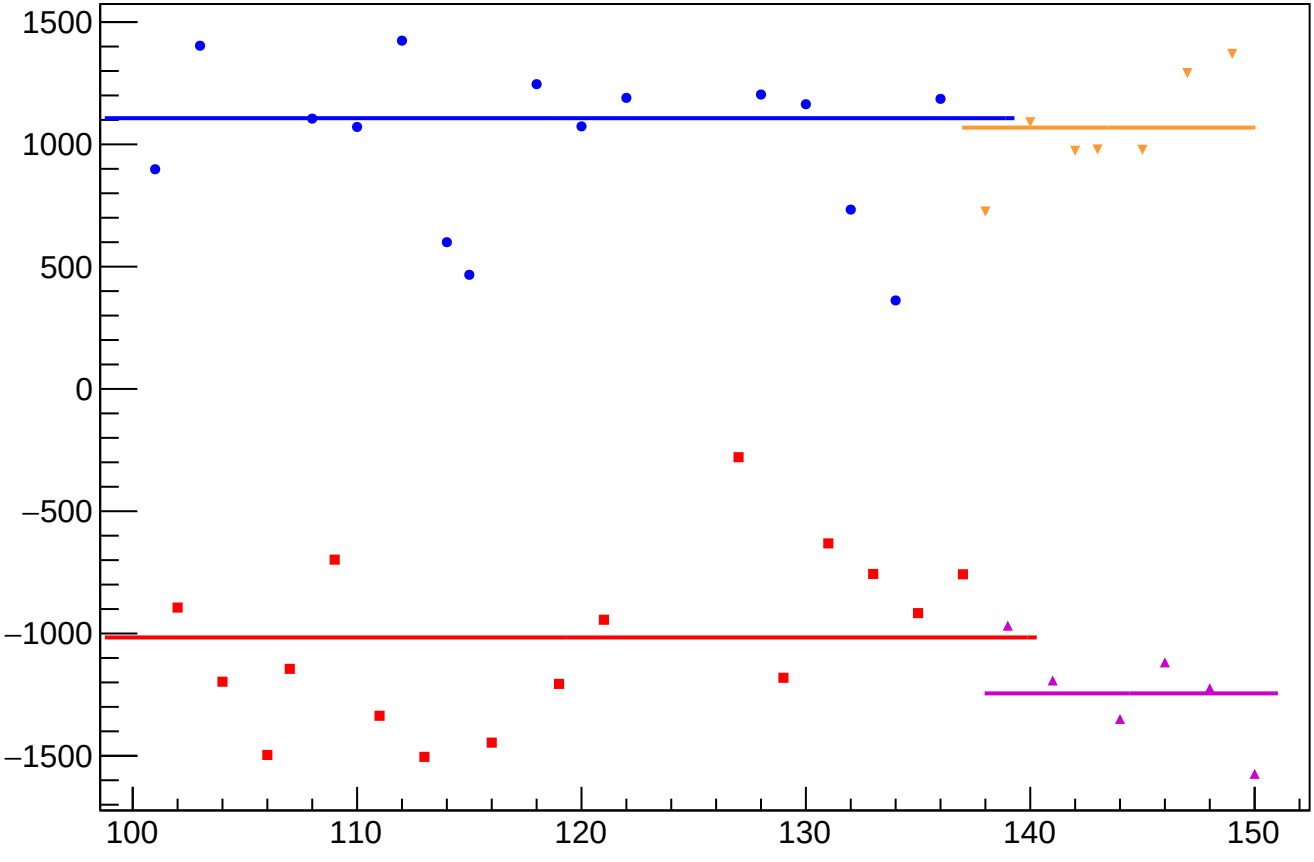
All: 61.084+/-0.000 χ^2/NDF: 648928390443

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 0.272+/-0.000 χ^2/NDF: 28075415176451279
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 156.626+/-0.000 χ^2/NDF:1670824426107452266455037356682510336.0/6
In: -4.434+/-0.000 χ^2/NDF:236789792136611134
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 9.397+/-0.000 χ^2/NDF:227945206186902357
Left In: -156.996+/-0.000 χ^2/NDF:1102016210747177587589405530969341952.0/5
All: 2.544+/-0.000 χ^2/NDF: 4658563626354 6

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -84.746+/-0.000 χ^2/NDF: 1417695810946443

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1068.570+/-0.000 χ^2/NDF:2234329275337177300721310088178538 9056.0/6

In: 68.753+/-0.000 χ^2/NDF:164408536756608095

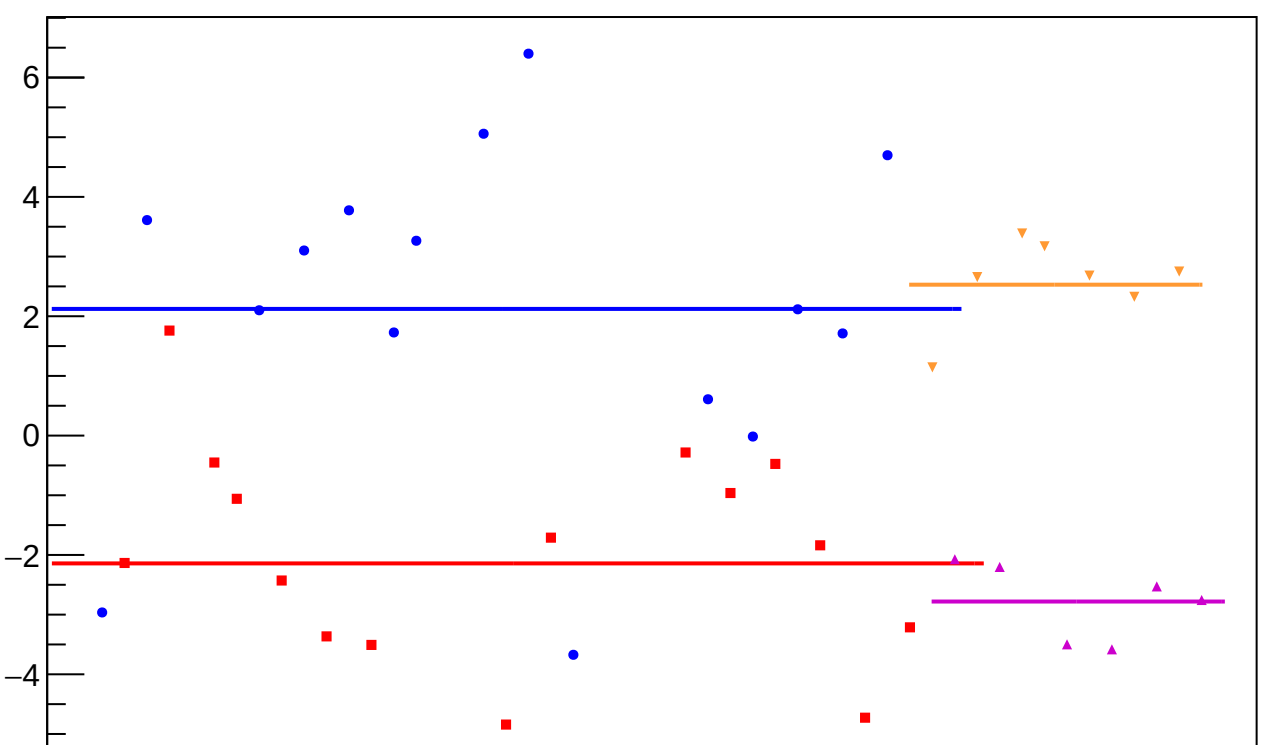
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -106.814+/-0.000 χ^2/NDF:135926299624329

Left In: -1244.807+/-0.000 χ^2/NDF:1863626977734883584953568514222011 1872.0/5

All: -19.817+/-0.000 χ^2/NDF: 302141735975

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.118+/-0.000 χ^2/NDF: 7647276481062032 1

Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14

Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569 9

Left Out: 2.529+/-0.000 χ^2/NDF:2218308973549739350843211749785 60.0/6

In: -0.042+/-0.000 χ^2/NDF:1232638577395761 76

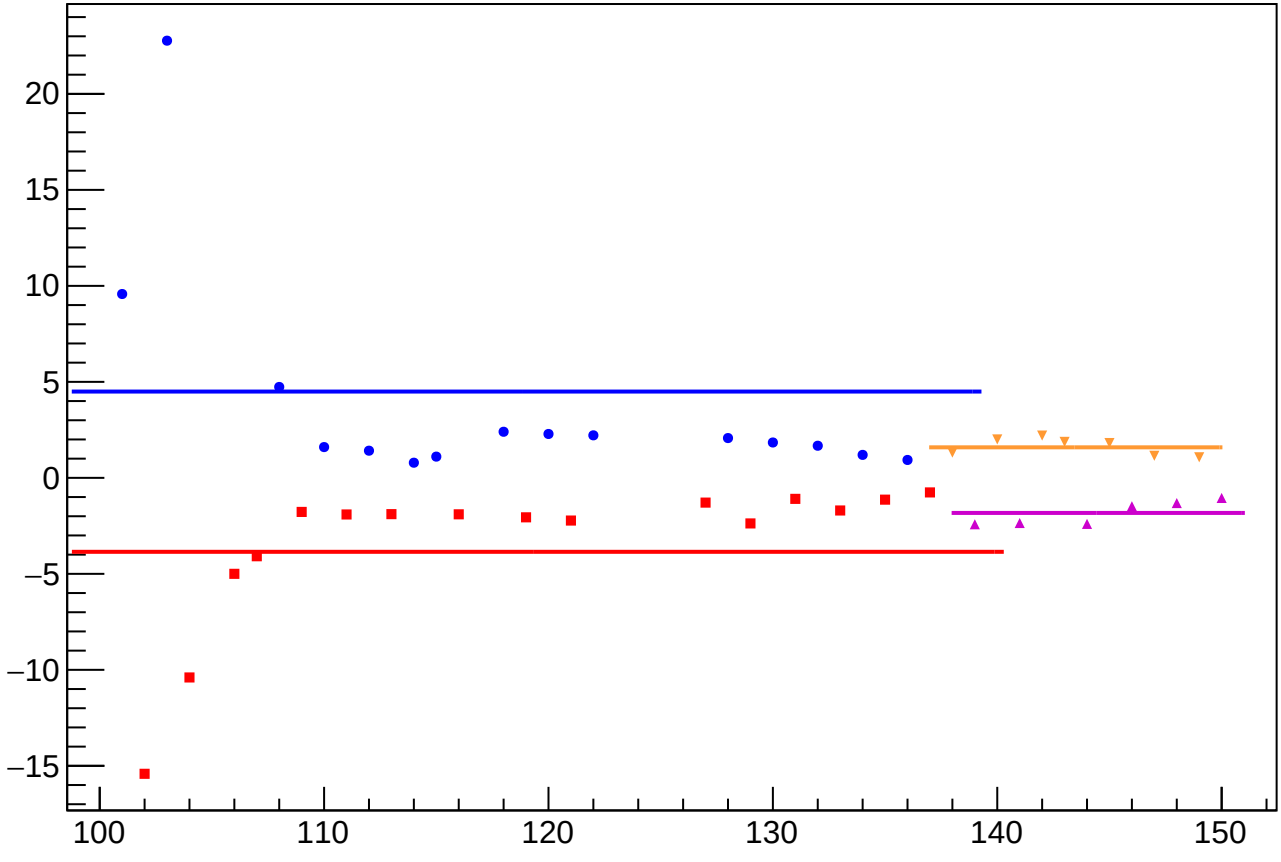
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

Out: -0.105+/-0.000 χ^2/NDF:9041262620049711 6

Left In: -2.781+/-0.000 χ^2/NDF:1736760086937721328056486393282 56.0/5

All: -0.074+/-0.000 χ^2/NDF: 2136994761997

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.114+/-0.000 χ^2/NDF: 32558239096576698

Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Right: 0.264+/-0.000 χ^2/NDF: 60505823648883396

Left Out: 1.590+/-0.000 χ^2/NDF:842071773998213284197650315345 92.0/6

In: 1.704+/-0.000 χ^2/NDF:3689128098899438886

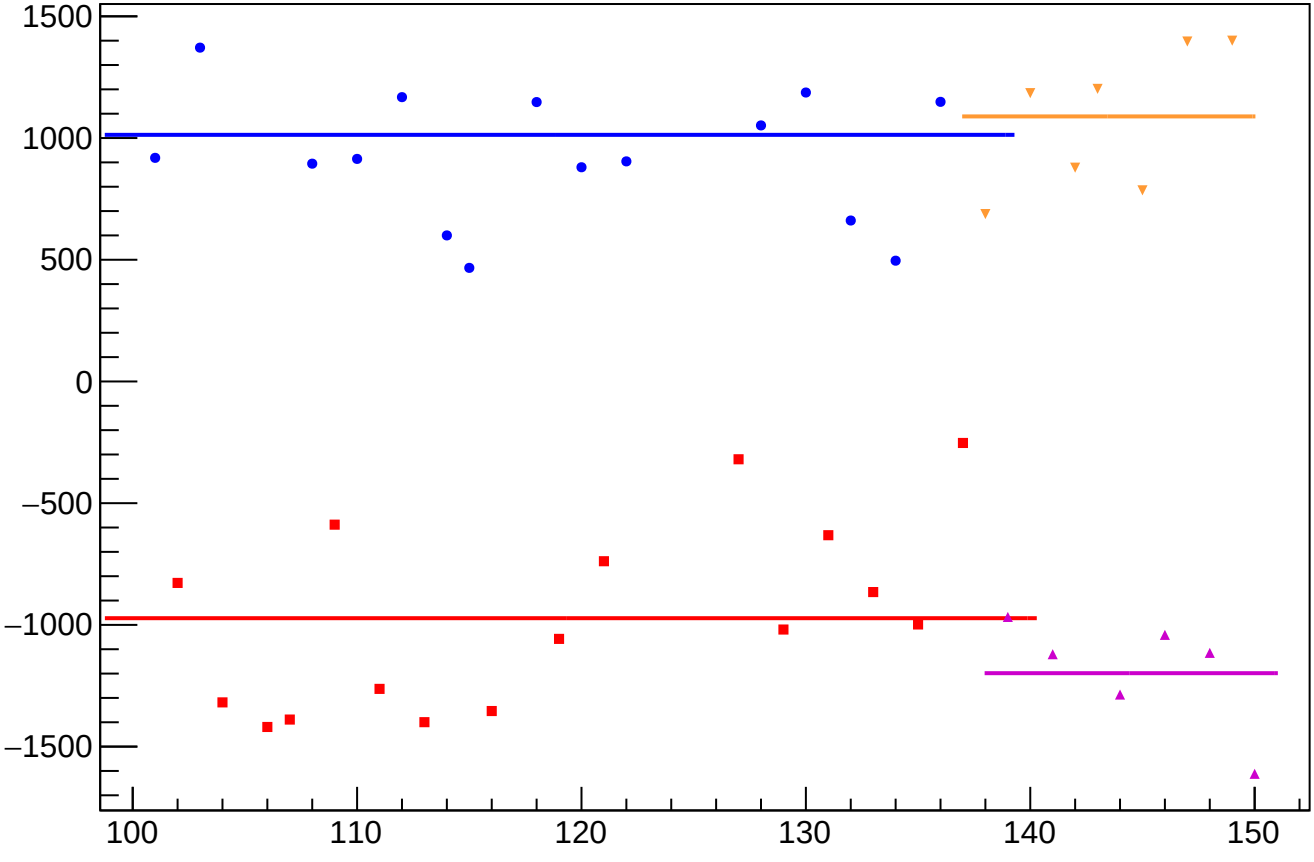
Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Out: -1.479+/-0.000 χ^2/NDF:21015179758058616

Left In: -1.827+/-0.000 χ^2/NDF:1683604826146478683949304884756 48.0/5

All: 0.098+/-0.000 χ^2/NDF: 6384419857220 8

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

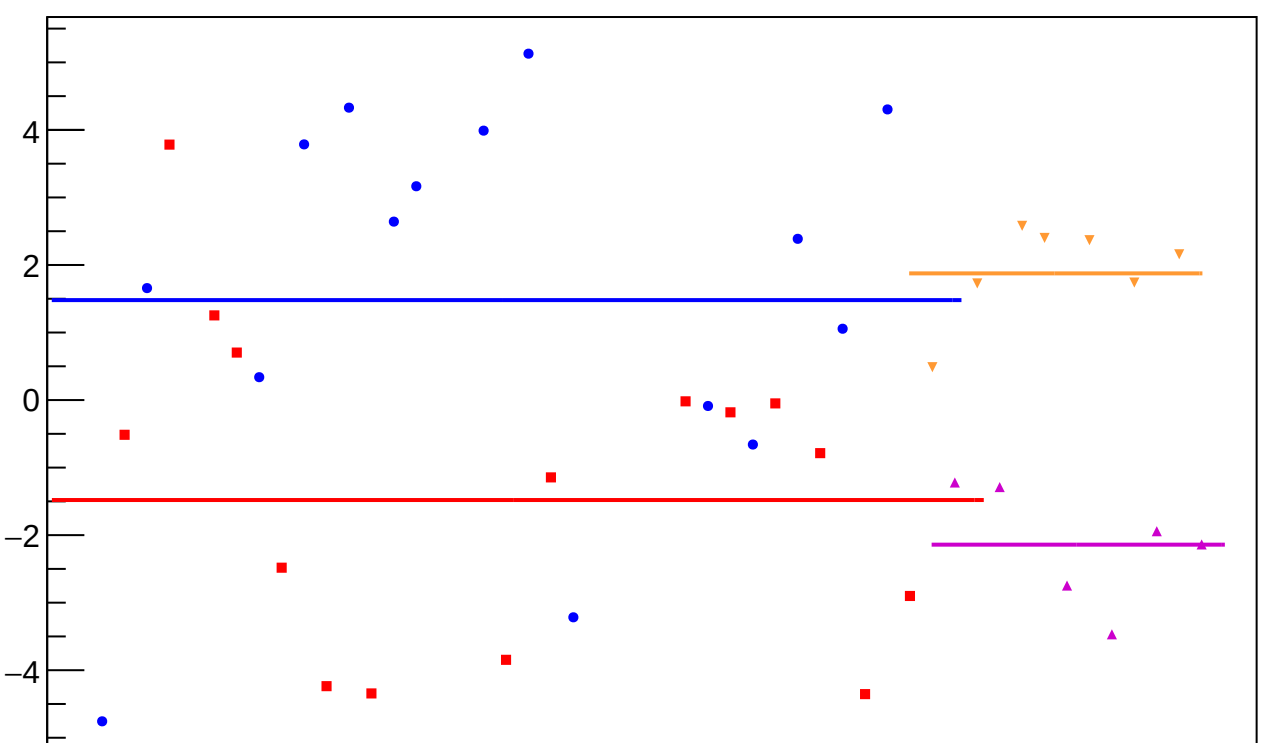
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.127+/-0.000 χ^2/NDF: 46843425102421566

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 1.876+/-0.000 χ^2/NDF:2212906809079591953189311904481 28.0/6

In: -0.119+/-0.000 χ^2/NDF:986907331339258158

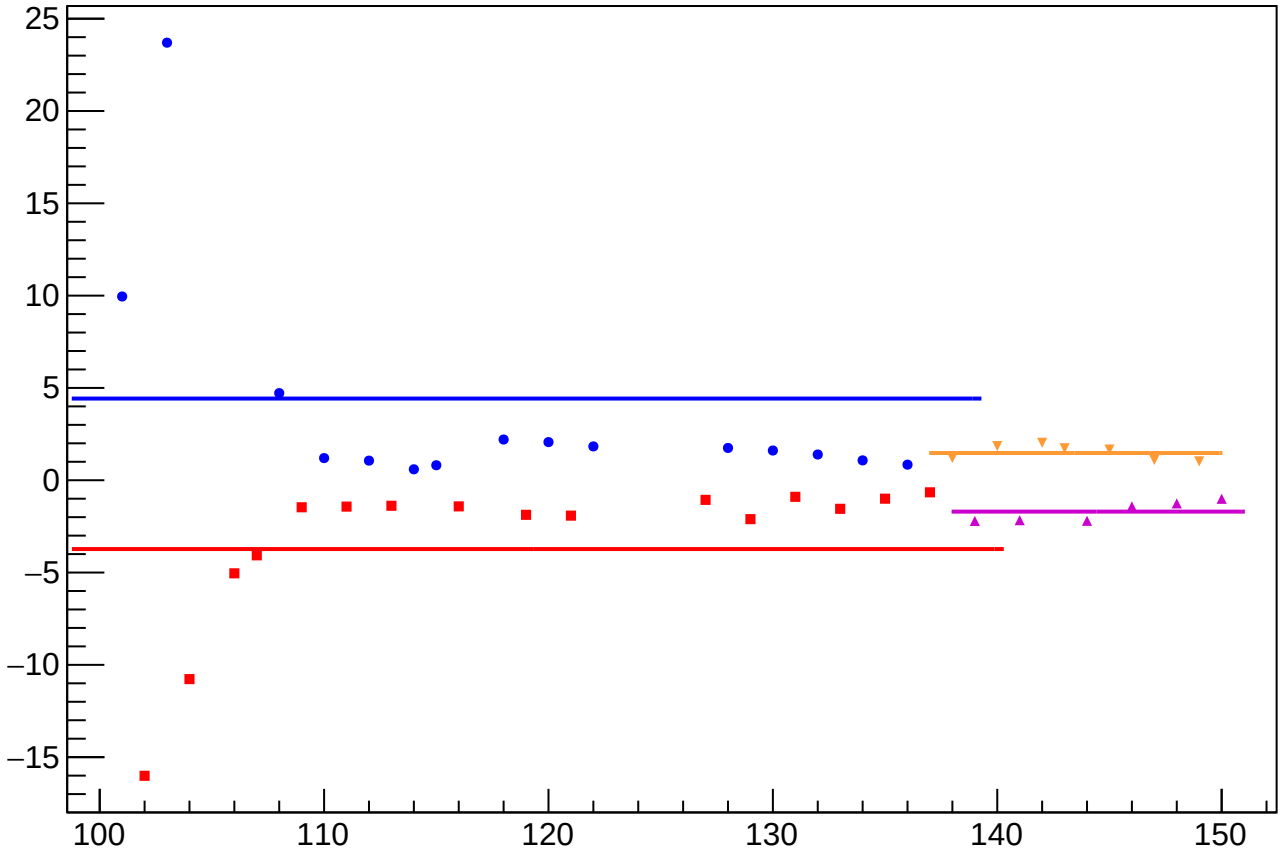
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: -0.016+/-0.000 χ^2/NDF:75903886442292426

Left In: -2.141+/-0.000 χ^2/NDF:3126272137474956316626851085680 64.0/5

All: -0.067+/-0.000 χ^2/NDF: 1746558340012

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.108+/-0.000 χ^2/NDF: 27887531944187226

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.475+/-0.000 χ^2/NDF:669124399205826869502432730152 96.0/6

In: 1.720+/-0.000 χ^2/NDF:391346196523664763 8

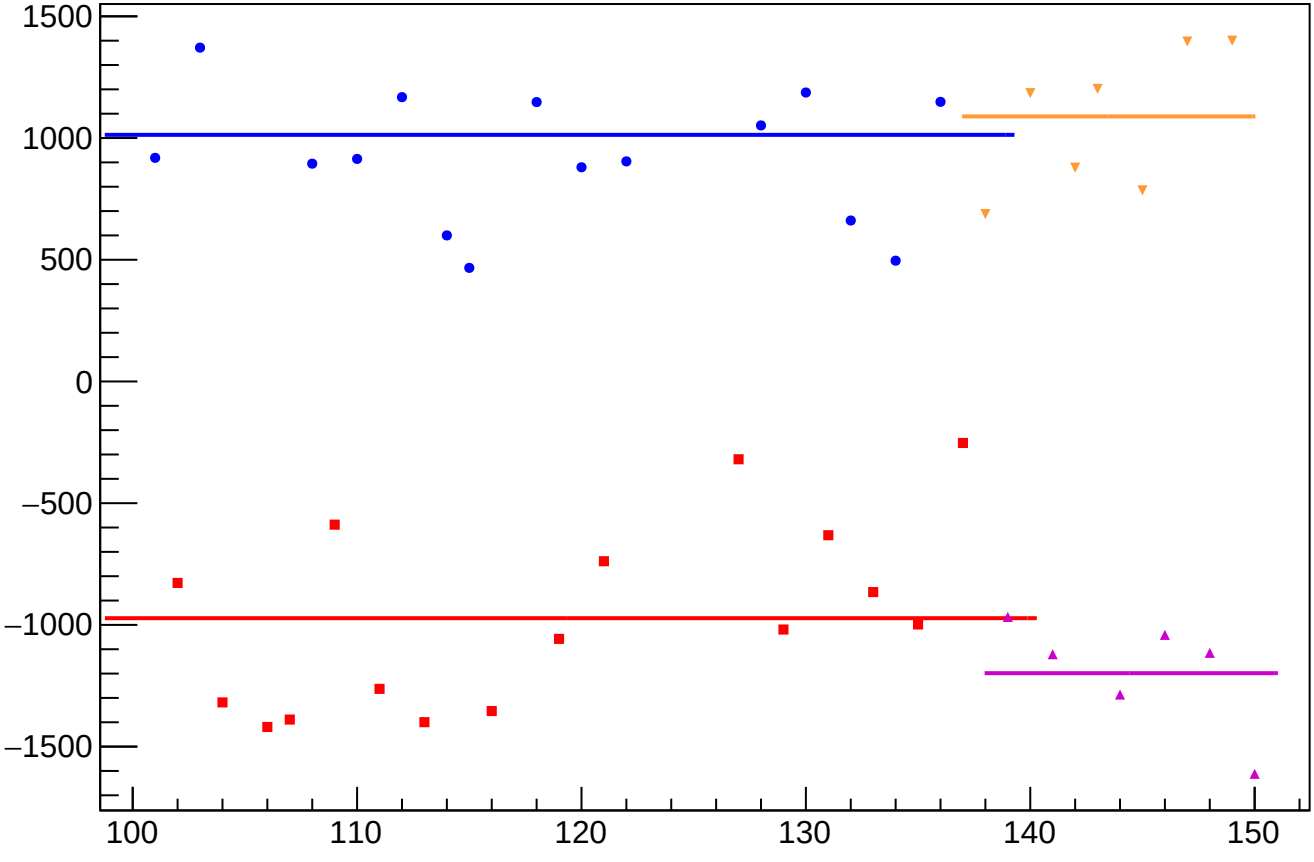
Right Out: -3.727+/-0.000 χ^2/NDF: 139918168147498425197942848534609 92.0/15

Out: -1.458+/-0.000 χ^2/NDF:21930962016593258

Left In: -1.701+/-0.000 χ^2/NDF:128247204963559953181065047179264.0/5

All: 0.117+/-0.000 χ^2/NDF: 6698818061675 1

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

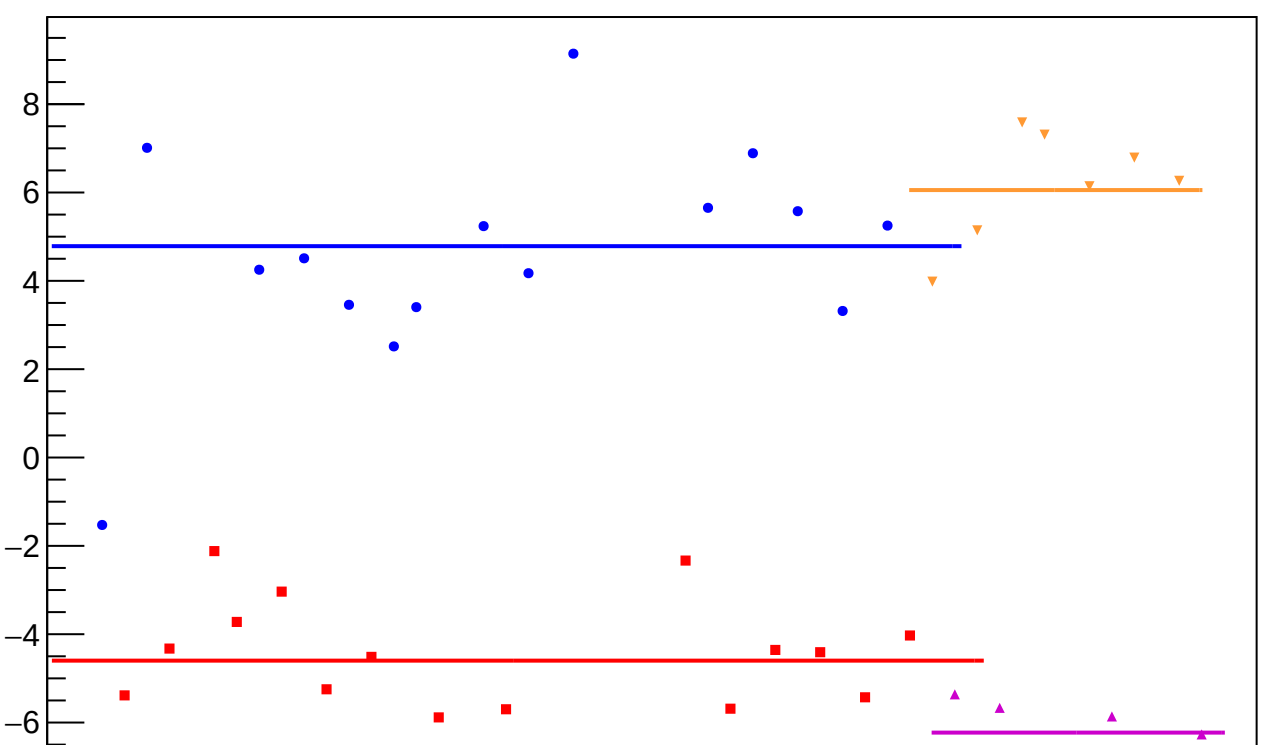
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: -0.068+/-0.000 χ^2/NDF: 39721405039627859

Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4.0/14

Right: 0.029+/-0.000 χ^2/NDF: 33948566568426742

Left Out: 6.055+/-0.000 χ^2/NDF:663294321504996726392242585993216.0/6

In: -0.077+/-0.000 χ^2/NDF:389944456491232741

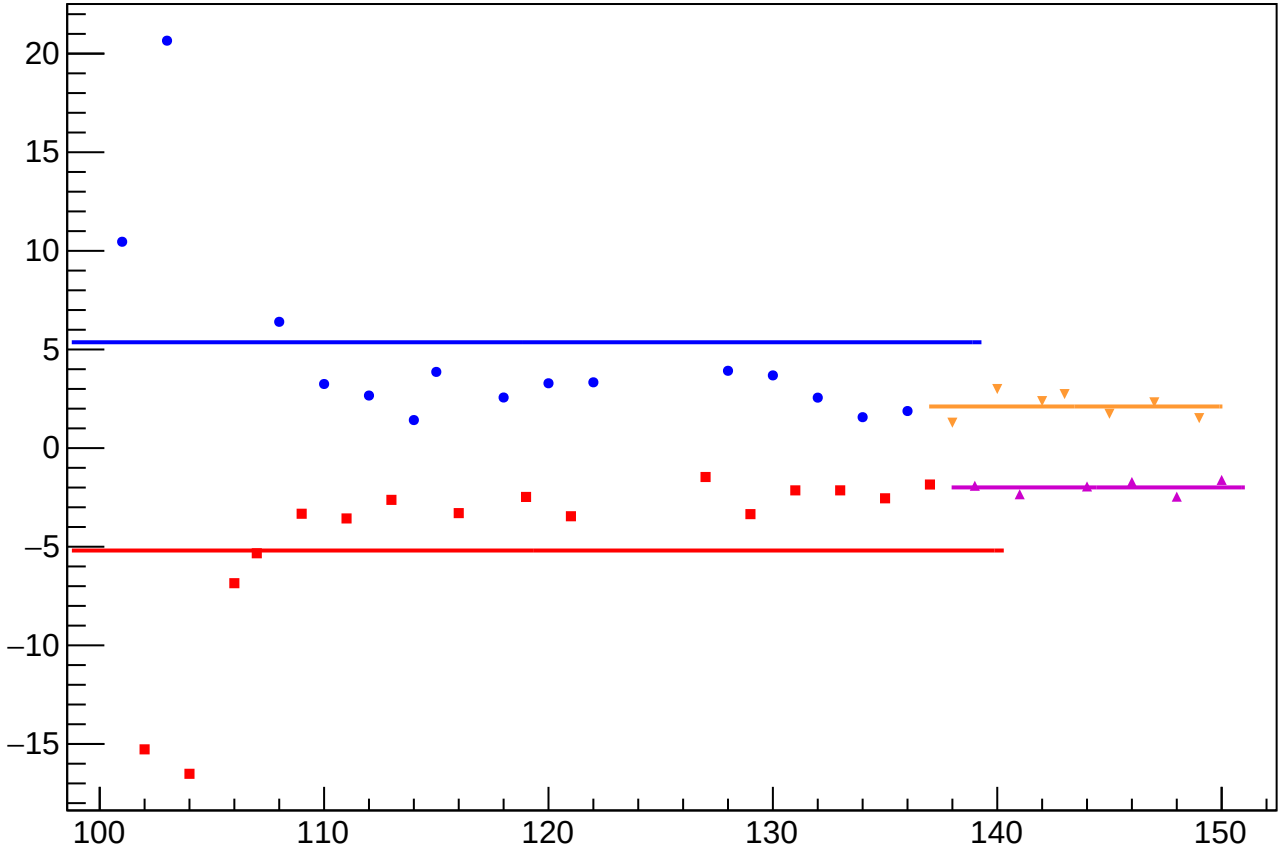
Right Out: -4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Out: 0.048+/-0.000 χ^2/NDF:346718270505423403

Left In: -6.228+/-0.000 χ^2/NDF:247551756009728582819557081612288.0/5

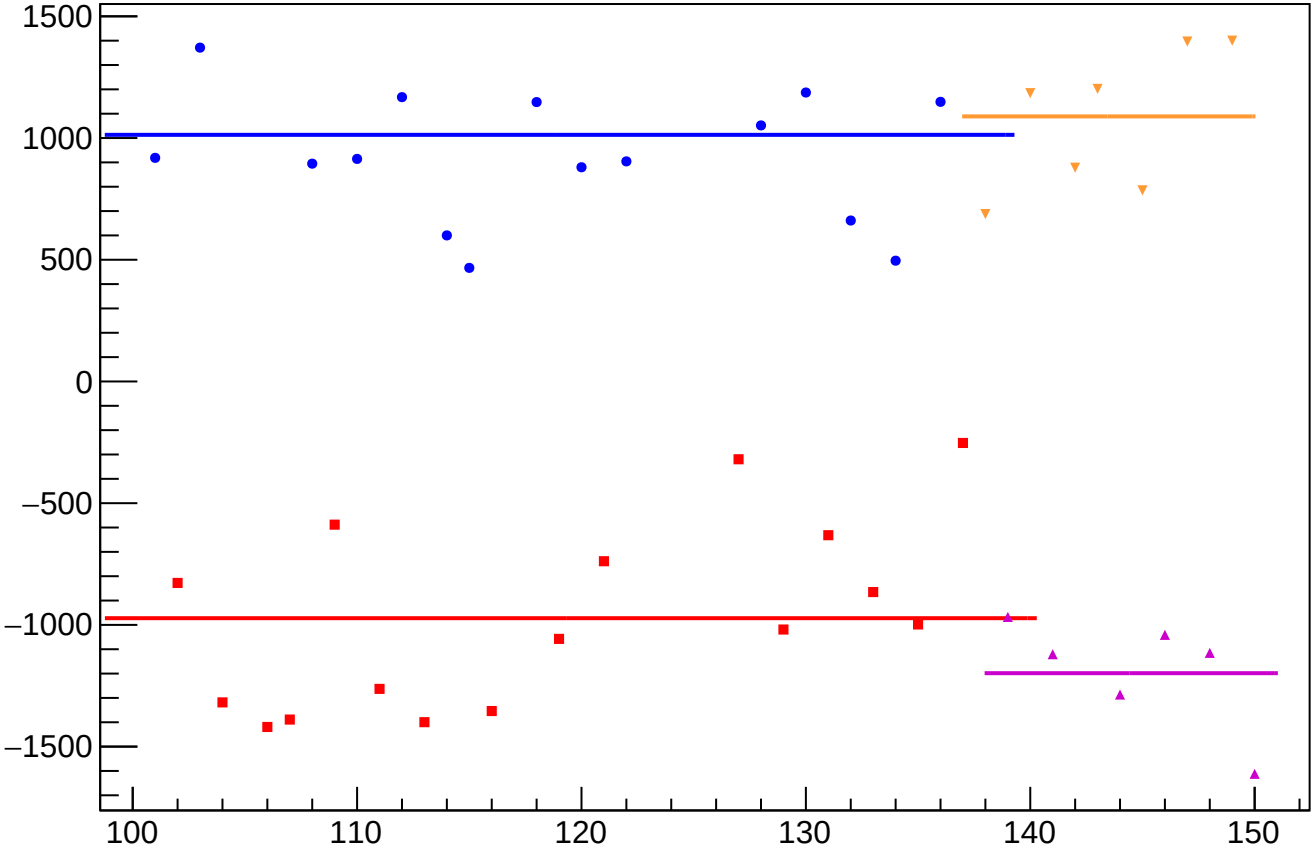
All: -0.014+/-0.000 χ^2/NDF: 7367548342646

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.064+/-0.000 χ^2/NDF: 45701846414091670
Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14
Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3
Left Out: 2.110+/-0.000 χ^2/NDF:190564834393252852774841884868608.0/6
In: 2.117+/-0.000 χ^2/NDF:3434661983081254035
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15
Out: -2.007+/-0.000 χ^2/NDF:3145312790916579 3
Left In: -1.993+/-0.000 χ^2/NDF:4890964765046287121631322465894 4.0/5
All: 0.037+/-0.000 χ^2/NDF: 7577102592208 2

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

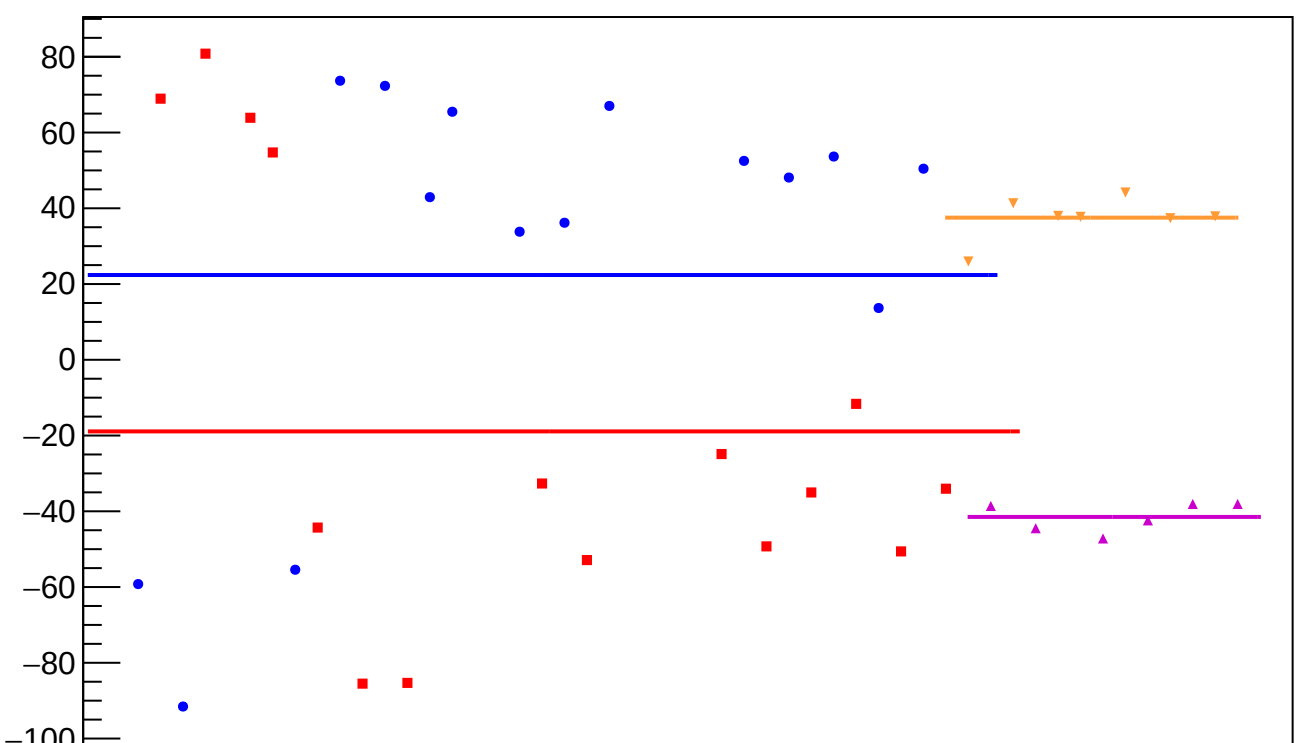
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

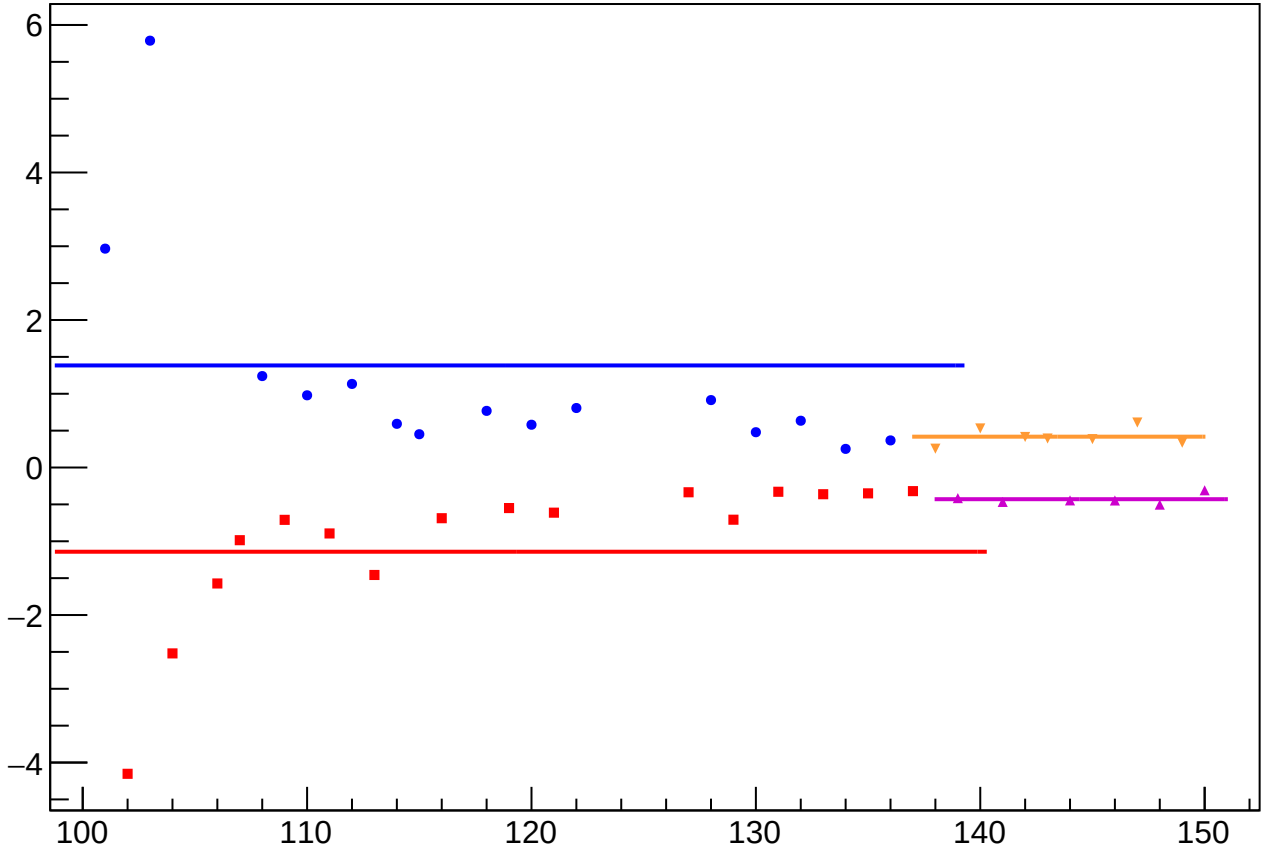
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -1.865+/-0.000 χ^2/NDF: 16278500734741646
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 37.529+/-0.000 χ^2/NDF:1522026895404002837215086337064 9600.0/6
In: -5.814+/-0.000 χ^2/NDF:309764799716071677
Right Out: -18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15
Out: 5.709+/-0.000 χ^2/NDF:312405788396456144
Left In: -41.489+/-0.000 χ^2/NDF:6442971595267906106273101971980288.0/5
All: -0.001+/-0.000 χ^2/NDF: 6299543968976

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: -0.004+/-0.000 χ^2/NDF: 19348263873244295

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 44802957007729023

Left Out: 0.418+/-0.000 χ^2/NDF:66543843642115431774907992637 44.0/6

In: 0.583+/-0.000 χ^2/NDF:2515416463962914811

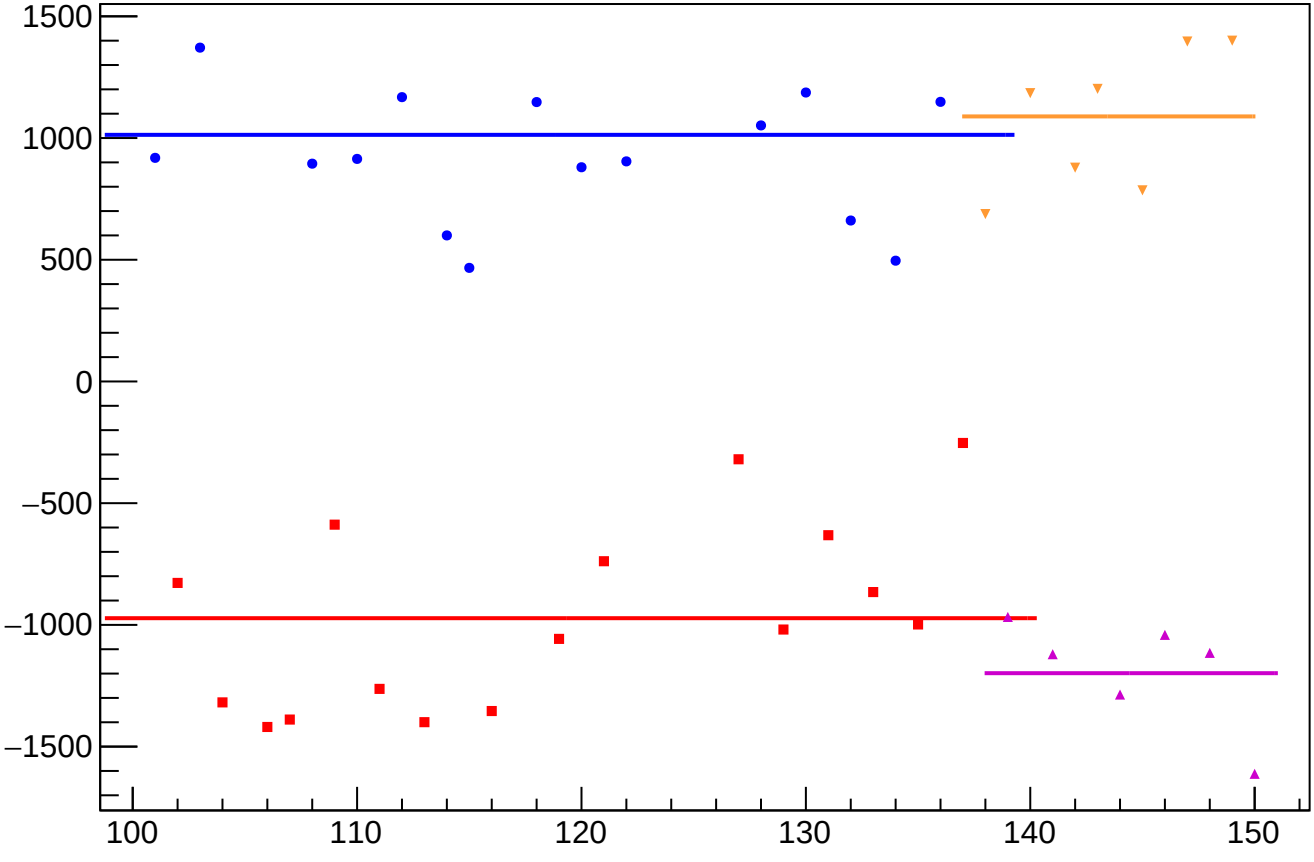
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.461+/-0.000 χ^2/NDF:15253362568516597

Left In: -0.430+/-0.000 χ^2/NDF:196451295976978124212719845376 0.0/5

All: 0.056+/-0.000 χ^2/NDF: 46805439951585

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

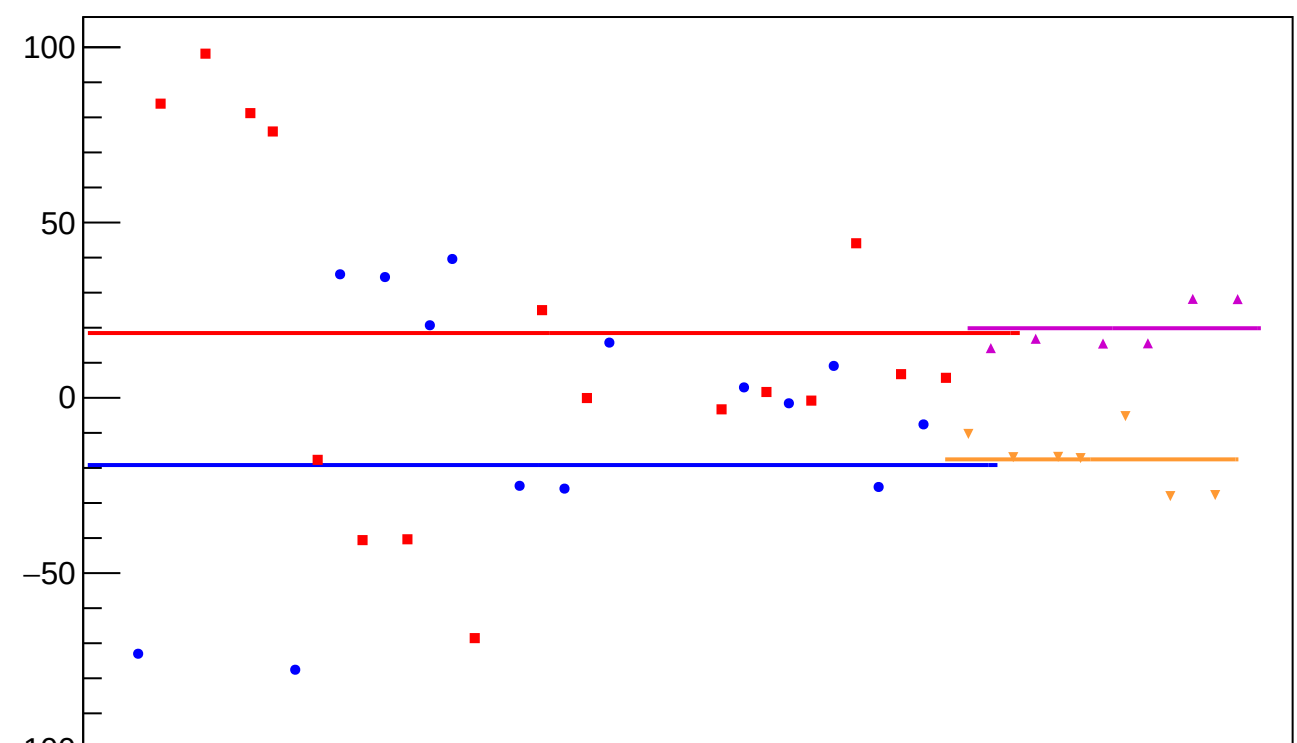
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

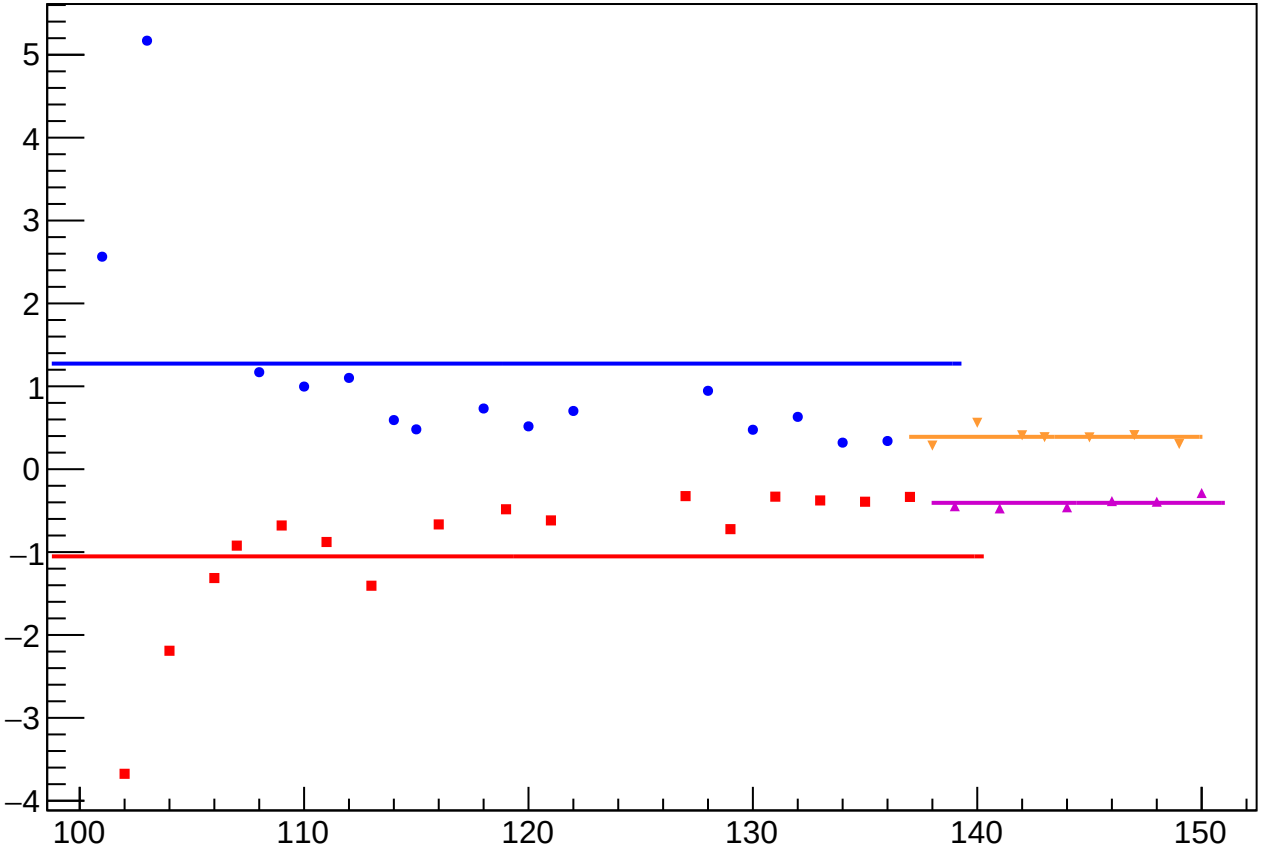
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 1.094+/-0.000 χ^2/NDF: 41253266998345850
Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14
Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183
Left Out: -17.555+/-0.000 χ^2/NDF:337789995319683061388422624051200000.0/6
In: -1.945+/-0.000 χ^2/NDF:170156108790052612
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15
Out: 2.762+/-0.000 χ^2/NDF:190093974415402182
Left In: 19.852+/-0.000 χ^2/NDF:1878175280986279534254583403092377 6.0/5
All: 0.429+/-0.000 χ^2/NDF: 36154886155451

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: -0.007+/-0.000 χ^2/NDF: 16917665688241070

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.391+/-0.000 χ^2/NDF:39114779697976247243257193431 04.0/6

In: 0.532+/-0.000 χ^2/NDF:2022688731721470937

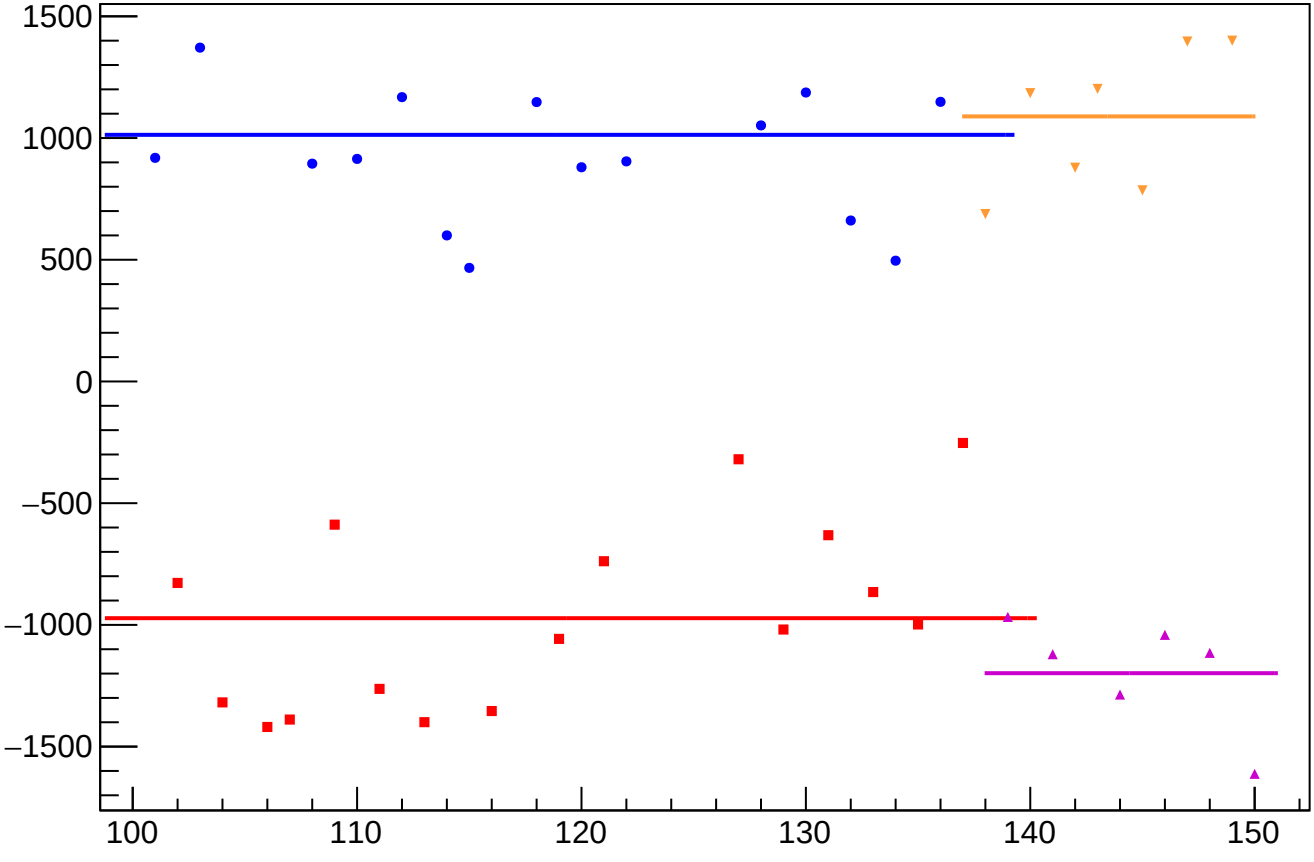
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.423+/-0.000 χ^2/NDF:12164895969647636

Left In: -0.406+/-0.000 χ^2/NDF:2099228174971814290688684589056.0/5

All: 0.051+/-0.000 χ^2/NDF: 3773880089377 9

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

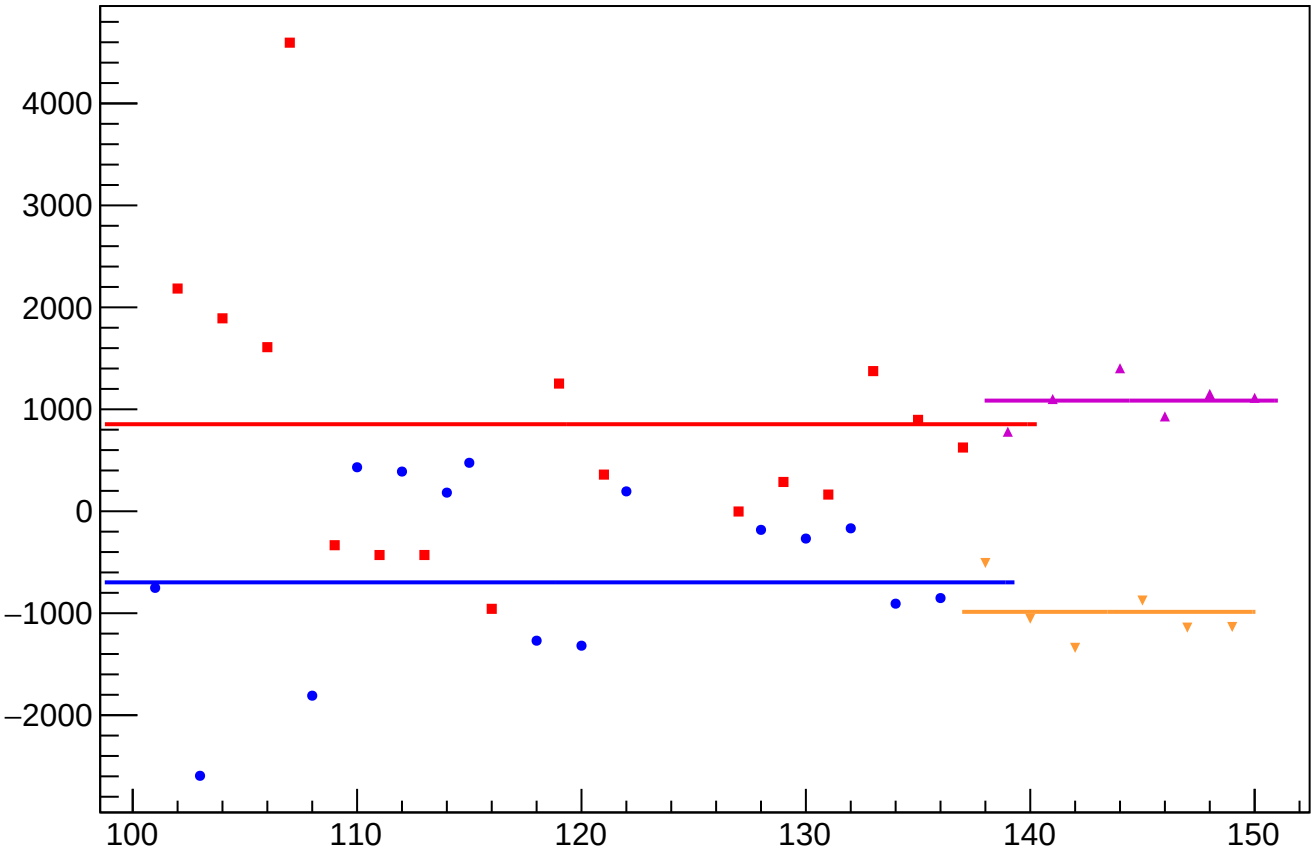
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_usl_coil6_mean vs Slug, Sign Corrected



Left: 118.336+/-0.000 χ^2/NDF: 1075501231178014

Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14

Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184

Left Out: -986.530+/-0.000 χ^2/NDF:2871583031471510707875632876091342848 0.0/5

In: 89.720+/-0.000 χ^2/NDF:1419899207894360 30

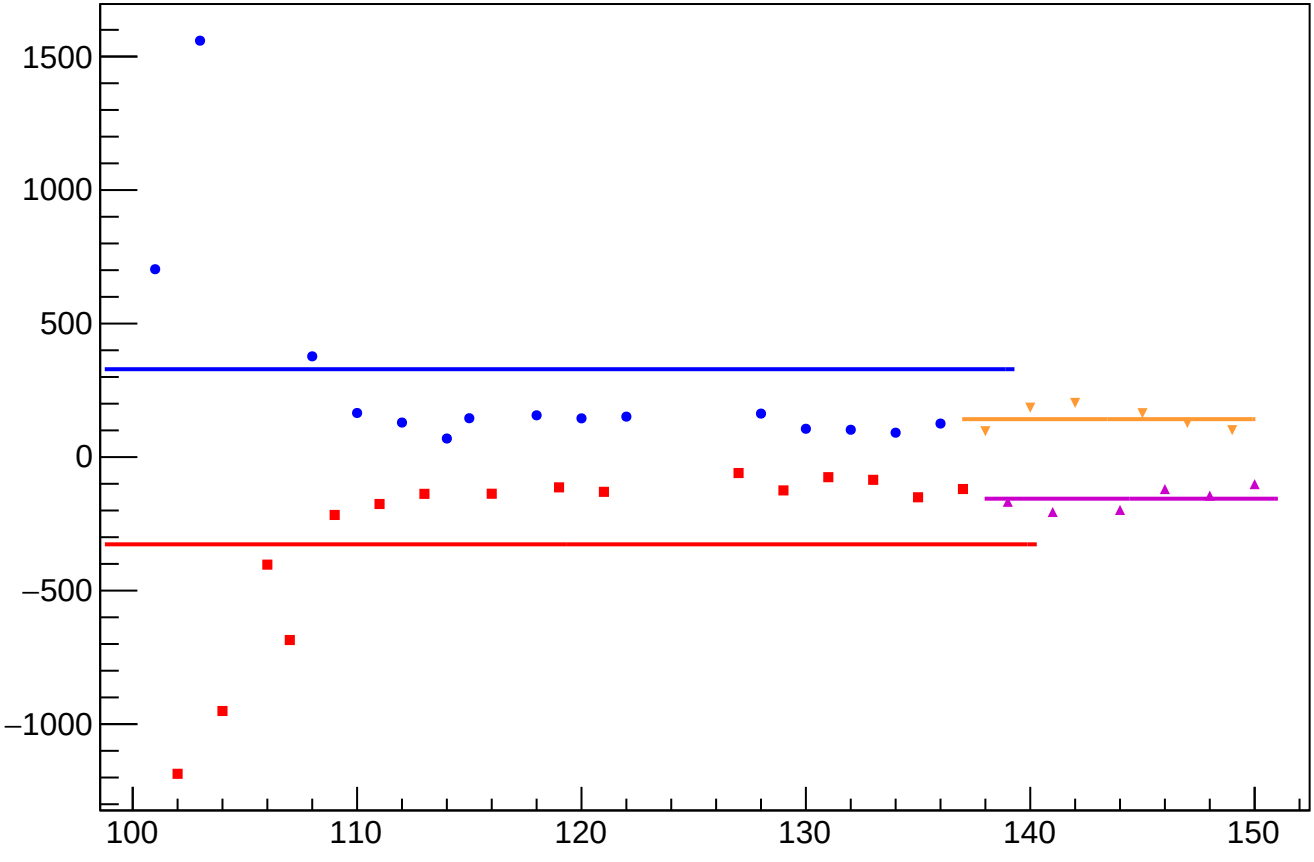
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15

Out: 113.341+/-0.000 χ^2/NDF:2015893981206836

Left In: 1085.363+/-0.000 χ^2/NDF:1895108000229158019954369638241927168 0.0/5

All: 101.292+/-0.000 χ^2/NDF: 34361108055 7

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -16.769+/-0.000 χ^2/NDF: 2269356550618886

Right In: 329.108+/-0.000 χ^2/NDF: 1168638207005386235242079456986723778 56.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 142.076+/-0.000 χ^2/NDF:6804837337971296832741876969179709 44.0/5

In: 115.032+/-0.000 χ^2/NDF:1850025981248552

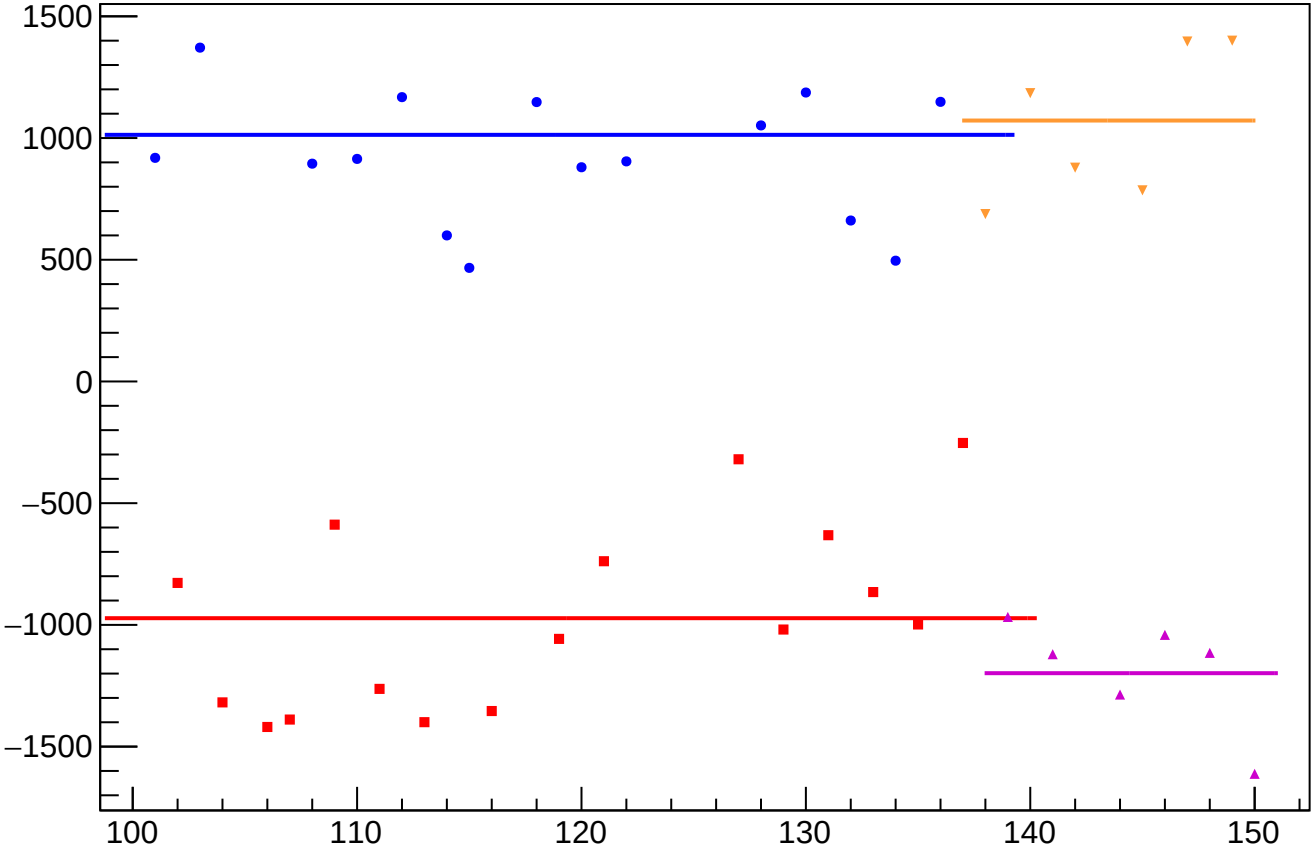
Right Out: -326.695+/-0.000 χ^2/NDF: 8756912335431802068861102841515107 9424.0/15

Out: -138.094+/-0.000 χ^2/NDF:147219325299053

Left In: -155.797+/-0.000 χ^2/NDF:7683210390253486494693907038019256 32.0/5

All: -8.975+/-0.000 χ^2/NDF: 3686965296847

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -138.736+/-0.000 χ^2/NDF: 129600501353838

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1071.922+/-0.000 χ^2/NDF:381959398369004783806160039641067028 48.0/5

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

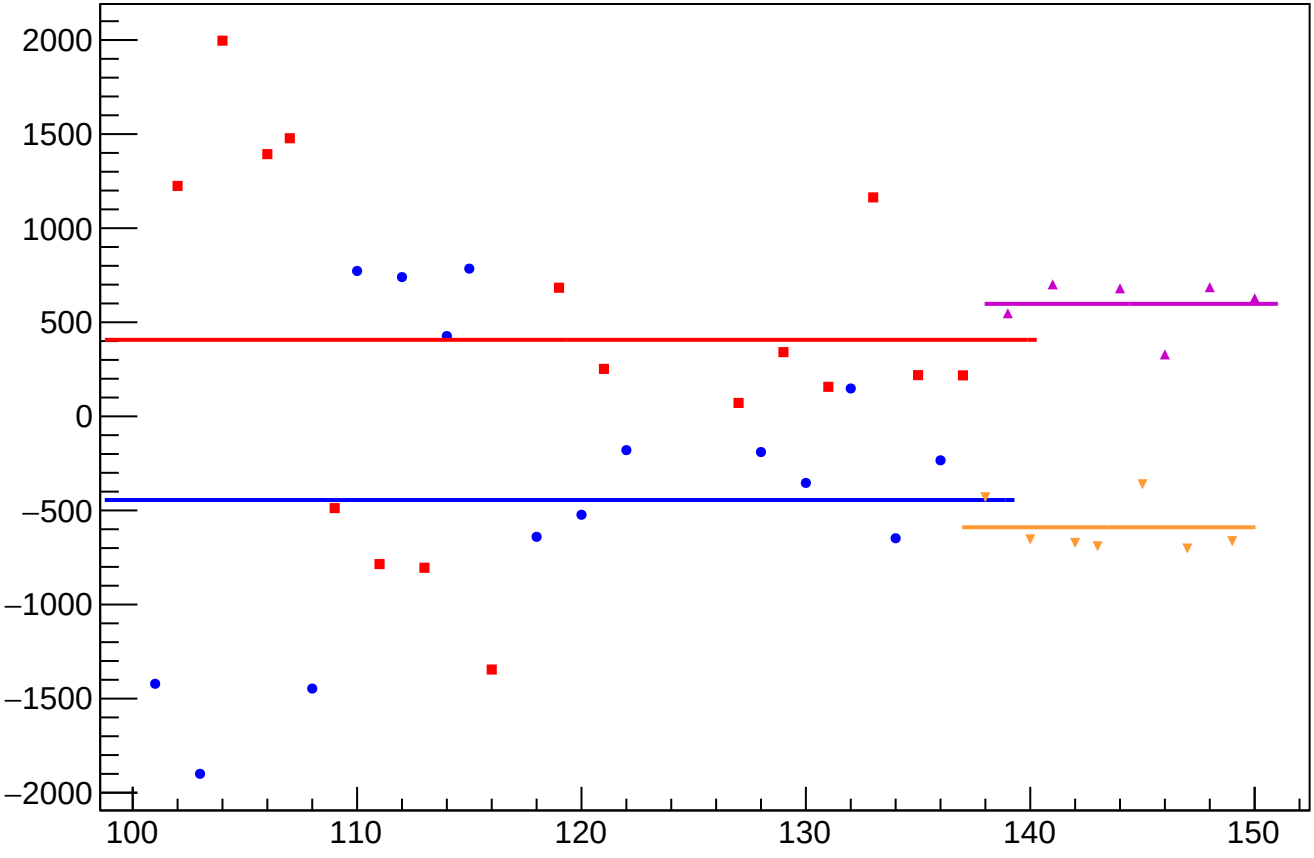
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: -149.947+/-0.000 χ^2/NDF:1238670384724 75

Left In: -1198.357+/-0.000 χ^2/NDF:237185667569463604719662671324533227 52.0/5

All: -54.682+/-0.000 χ^2/NDF: 2715265335 59

dit_usr_coil6_mean vs Slug, Sign Corrected



Left: 2.528+/-0.000 χ^2/NDF: 380210904399673187

Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14

Right: -13.070+/-0.000 χ^2/NDF: 116395703795034

Left Out: -589.475+/-0.000 χ^2/NDF:901569165128403978852905741518372864 0.0/6

In: 15.734+/-0.000 χ^2/NDF:716332426632110447

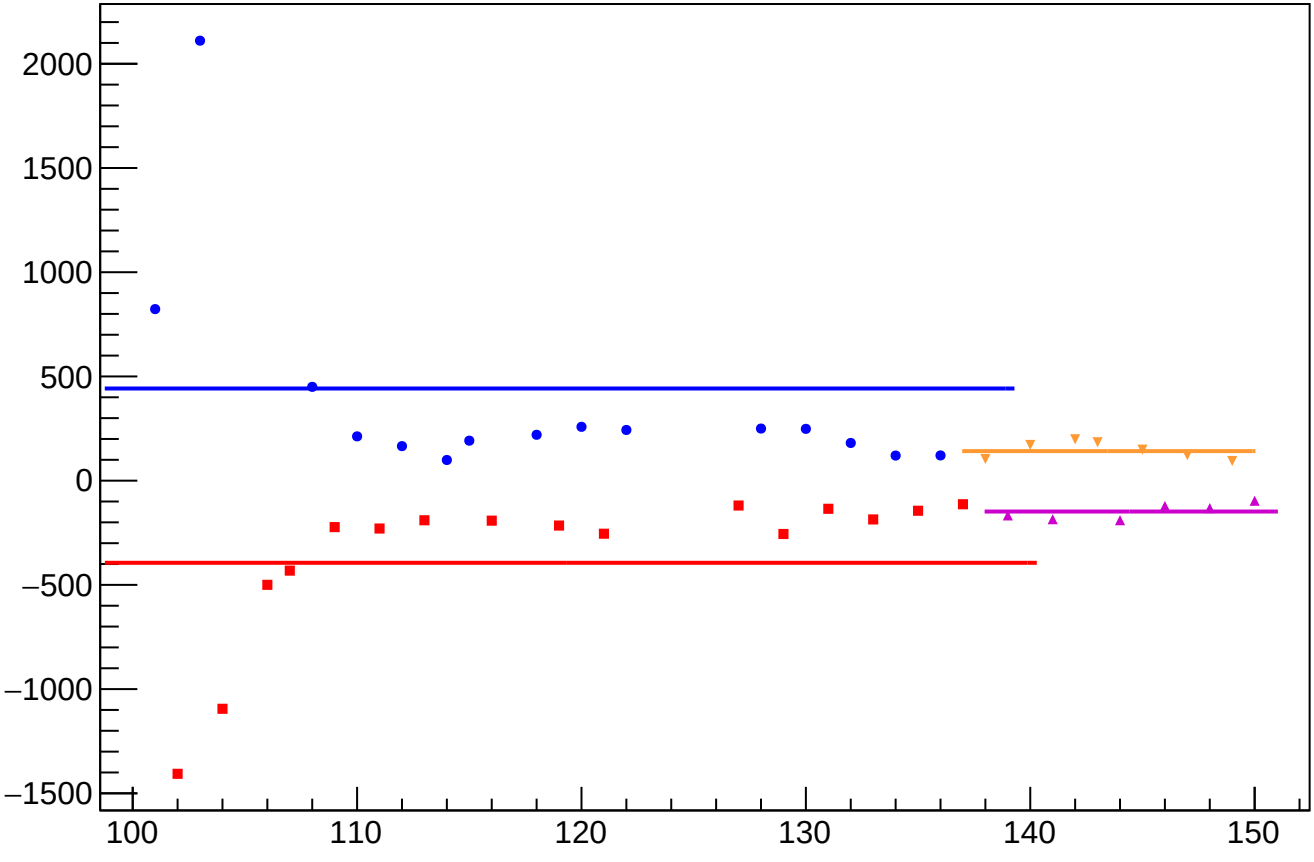
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15

Out: -27.794+/-0.000 χ^2/NDF:8268653486613179

Left In: 597.994+/-0.000 χ^2/NDF:845476824746525186572878333443519283 2.0/5

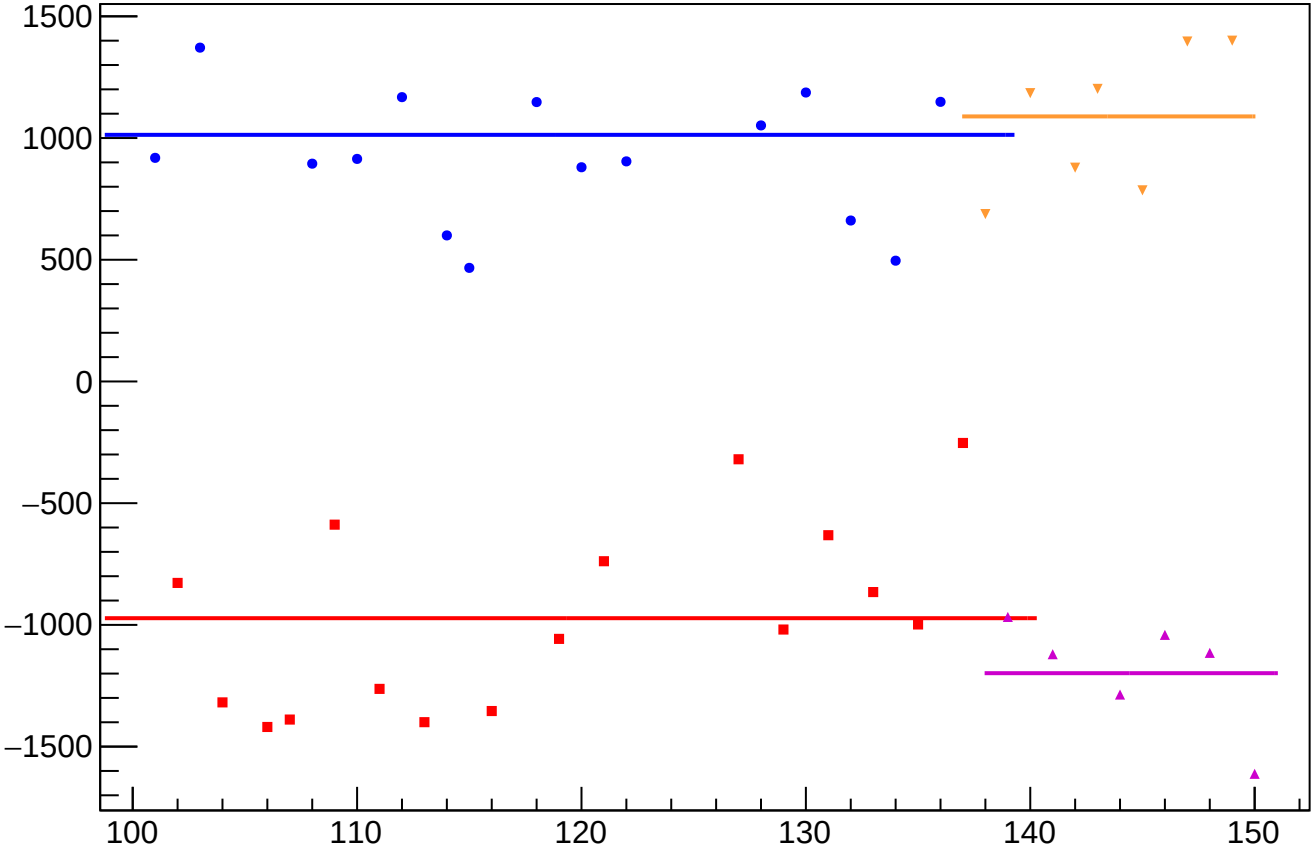
All: -6.225+/-0.000 χ^2/NDF: 1544308438808

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -2.756+/-0.000 χ^2/NDF: 2292492492774880
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 141.796+/-0.000 χ^2/NDF:67522268150955026327387880721429299 2.0/6
In: 181.549+/-0.000 χ^2/NDF:3044831933765035
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -160.316+/-0.000 χ^2/NDF:190088210764934
Left In: -148.153+/-0.000 χ^2/NDF:622674909653334221892811482283900928.0/5
All: 9.086+/-0.000 χ^2/NDF: 5630820035424

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

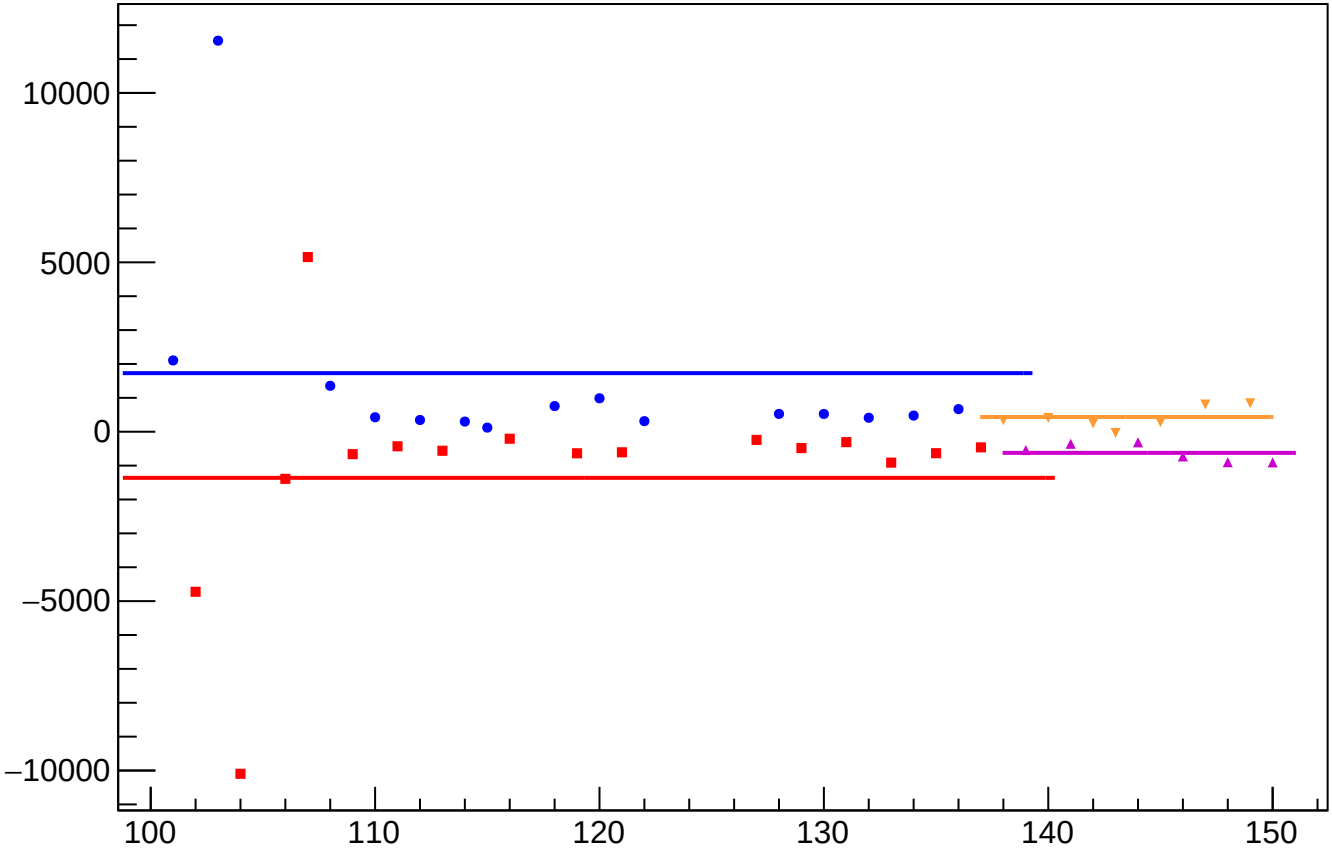
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

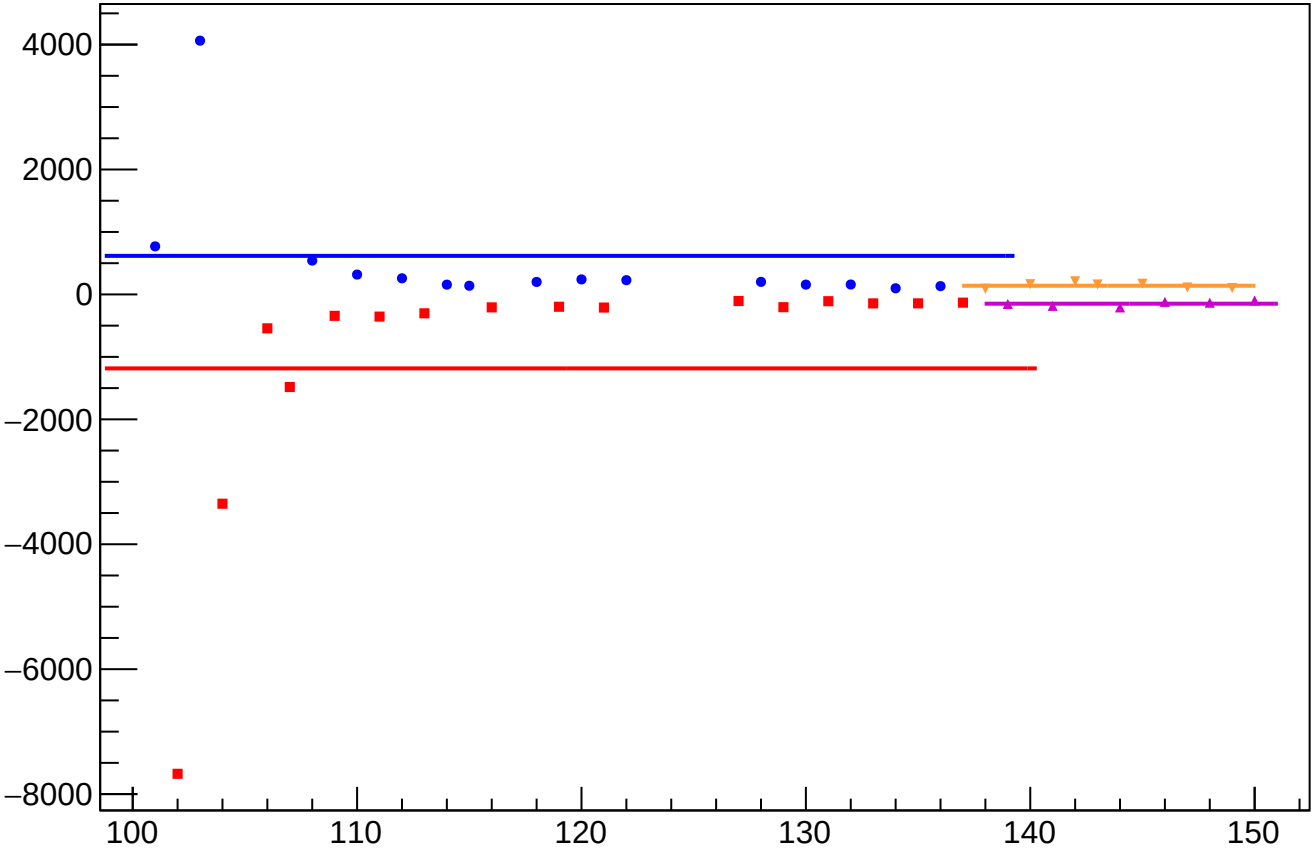
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -93.013+/-0.000 χ^2/NDF: 3614642159497480
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 434.532+/-0.000 χ^2/NDF:436027360768337827493675886906672414 72.0/6
In: 690.362+/-0.000 χ^2/NDF:8028823507333573
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
Out: -577.778+/-0.000 χ^2/NDF:741306285057378
Left In: -623.643+/-0.000 χ^2/NDF:298120039005192619736334751419303198 72.0/5
All: 50.614+/-0.000 χ^2/NDF: 1638460503130

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -4.224+/-0.000 χ^2/NDF: 22792812790202782

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 139.223+/-0.000 χ^2/NDF:74407643268173972325575400160755712 0.0/6

In: 279.234+/-0.000 χ^2/NDF:9611706200878151 4

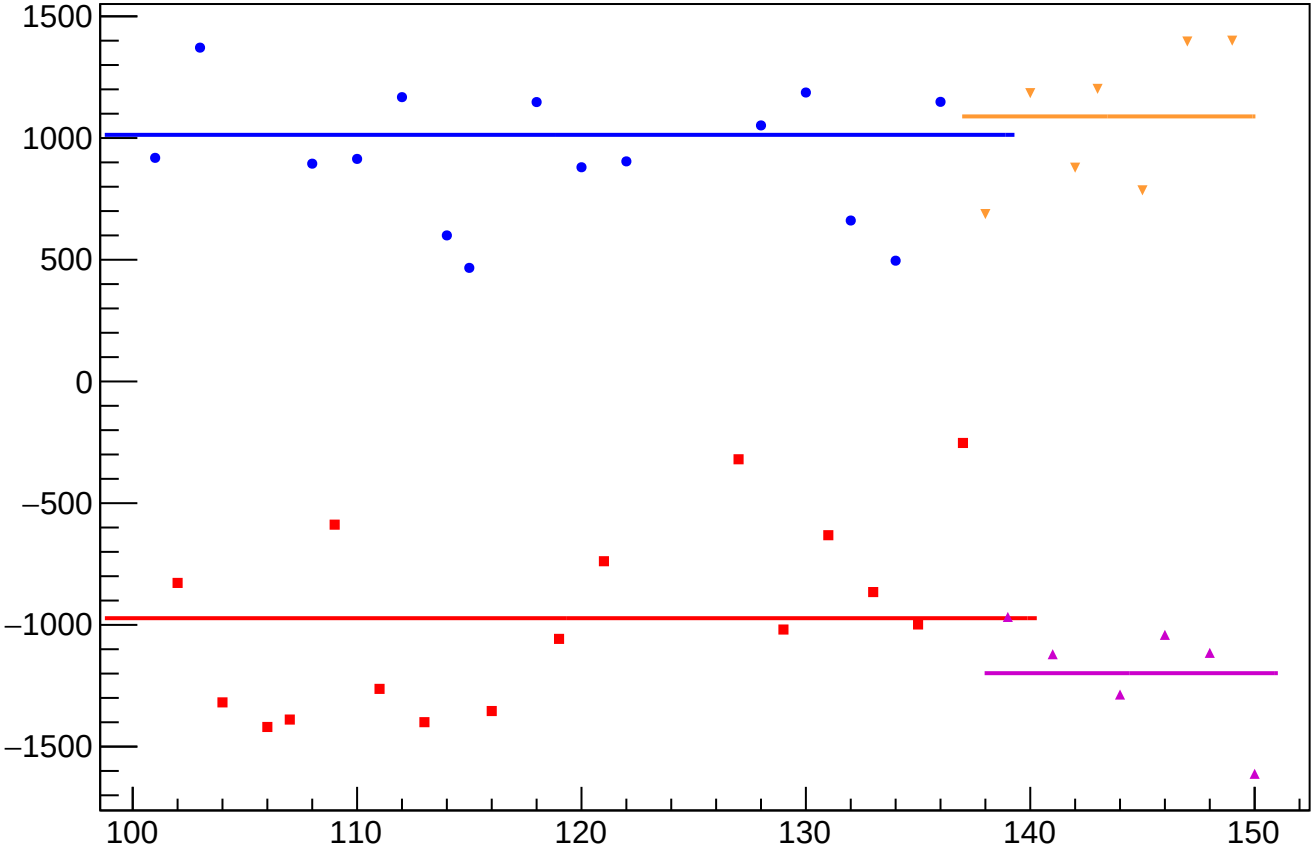
Right Out: -1184.322+/-0.000 χ^2/NDF: 31674230431212426665635358204965599313 92.0/15

Out: -607.019+/-0.000 χ^2/NDF:367781260747809

Left In: -148.511+/-0.000 χ^2/NDF:75090958710940533507774423375020032 0.0/5

All: -167.861+/-0.000 χ^2/NDF: 50994125065

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

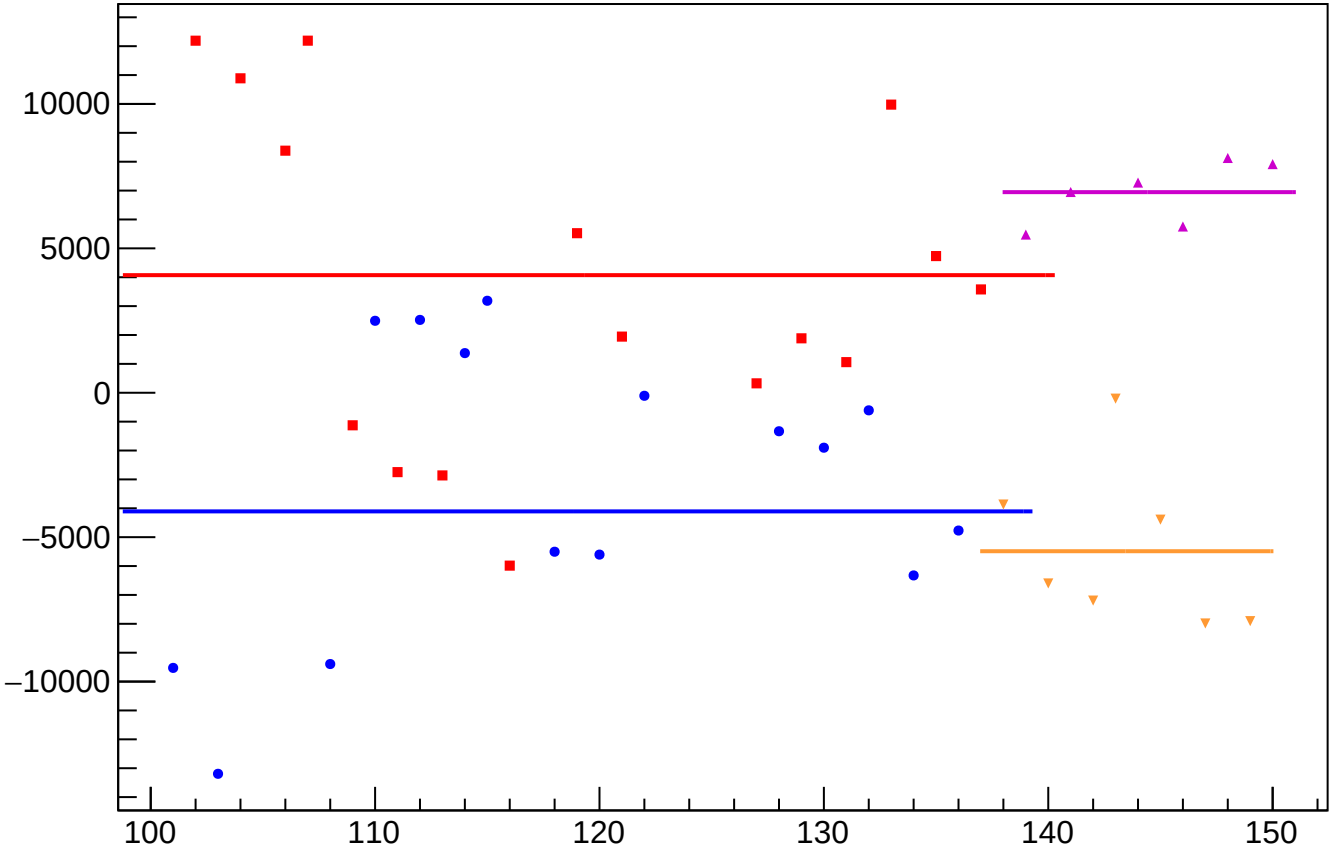
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

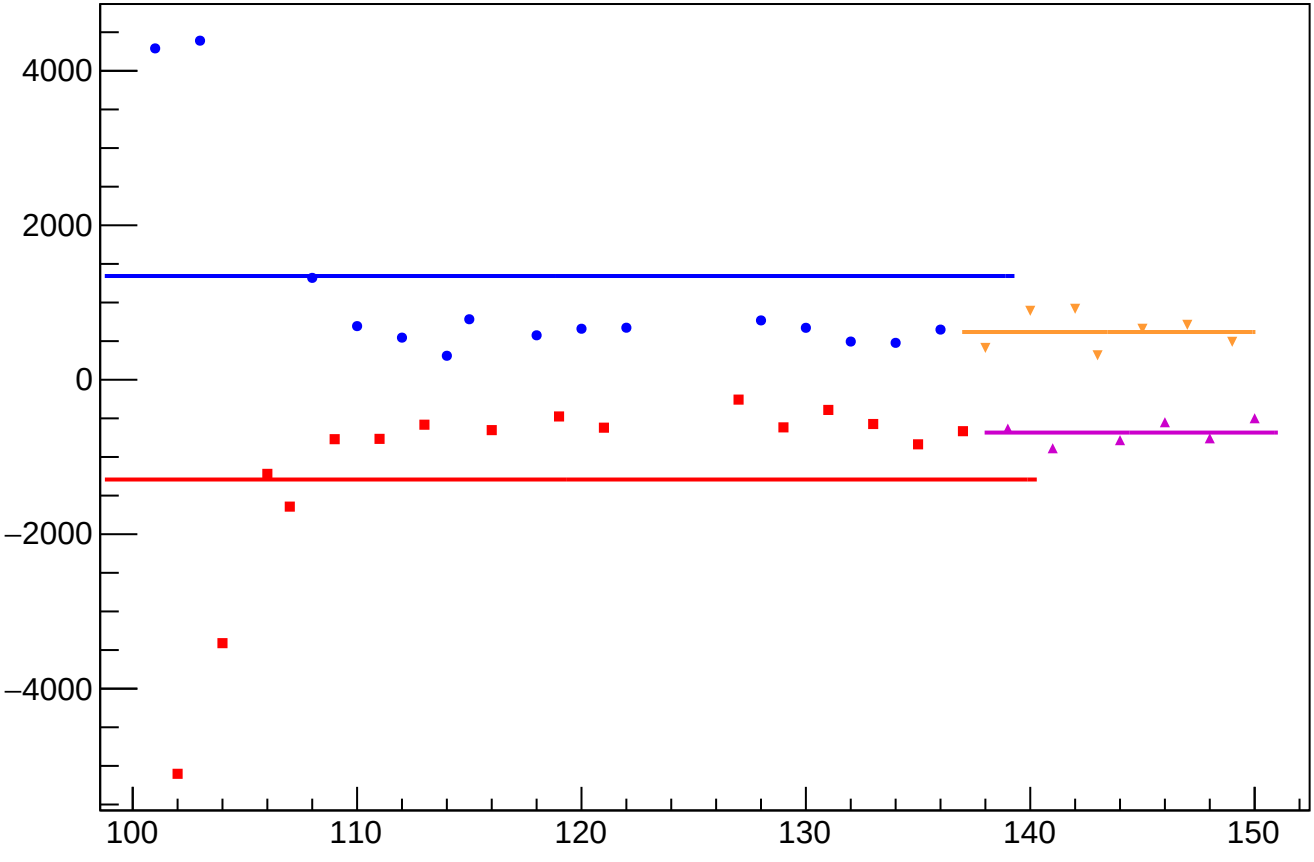
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 711.724+/-0.000 χ^2/NDF: 4365803683131273
Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786
Left Out: -5486.671+/-0.000 χ^2/NDF:3387266468531493338166079502371178676224.0/6
In: 772.596+/-0.000 χ^2/NDF:5004174656136713 3
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
Out: -97.226+/-0.000 χ^2/NDF:5033698894313392
Left In: 6946.368+/-0.000 χ^2/NDF:5052893340070094050714778737503172034 56.0/5
All: 333.790+/-0.000 χ^2/NDF: 10082225068 3

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -31.004+/-0.000 χ^2/NDF: 4678827340814636

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 618.258+/-0.000 χ^2/NDF:2191757999594286853103323976576899481 6.0/6

In: 448.271+/-0.000 χ^2/NDF:2504823120097281

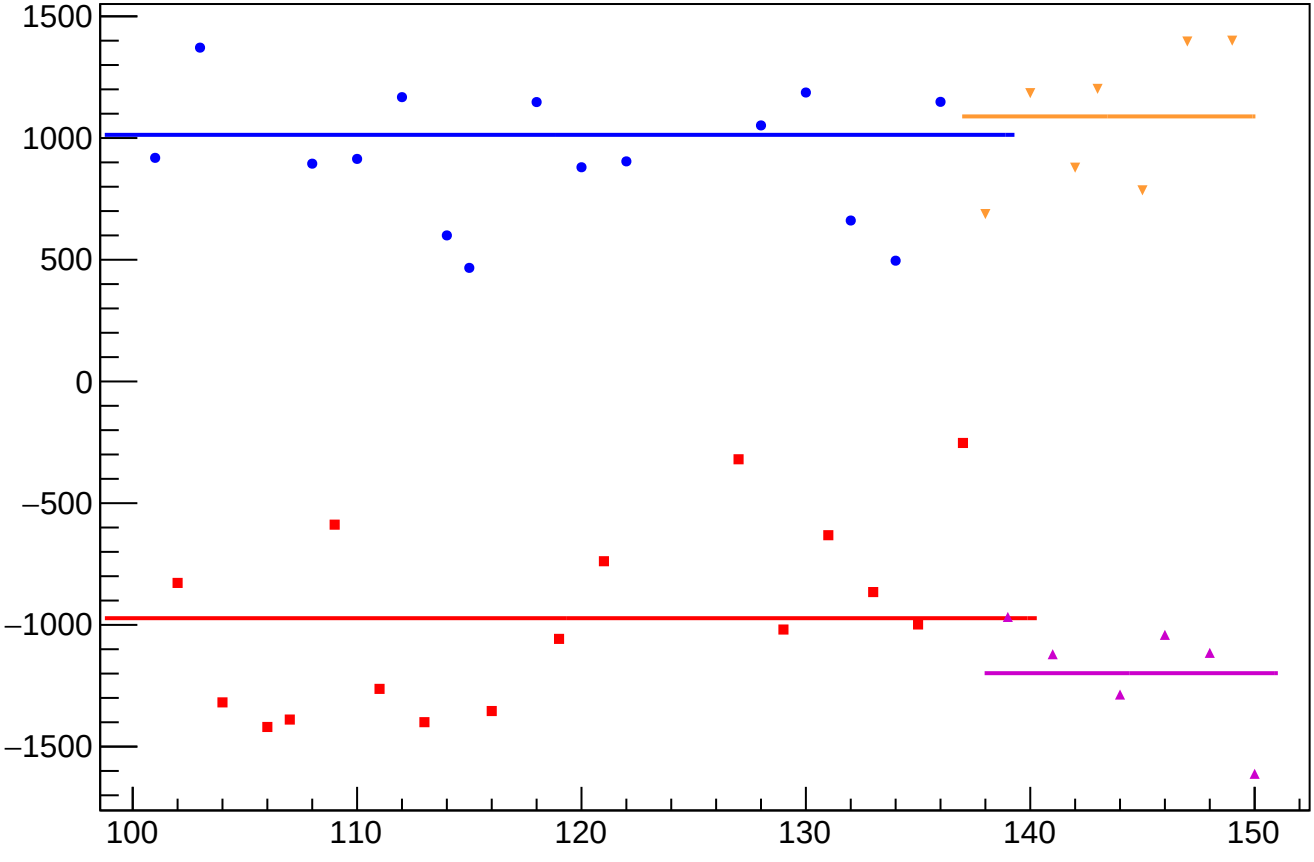
Right Out: -1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

Out: -458.671+/-0.000 χ^2/NDF:240689382565774

Left In: -684.063+/-0.000 χ^2/NDF:96626403899138923017000769065257533 44.0/5

All: -9.261+/-0.000 χ^2/NDF: 5393894051132

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

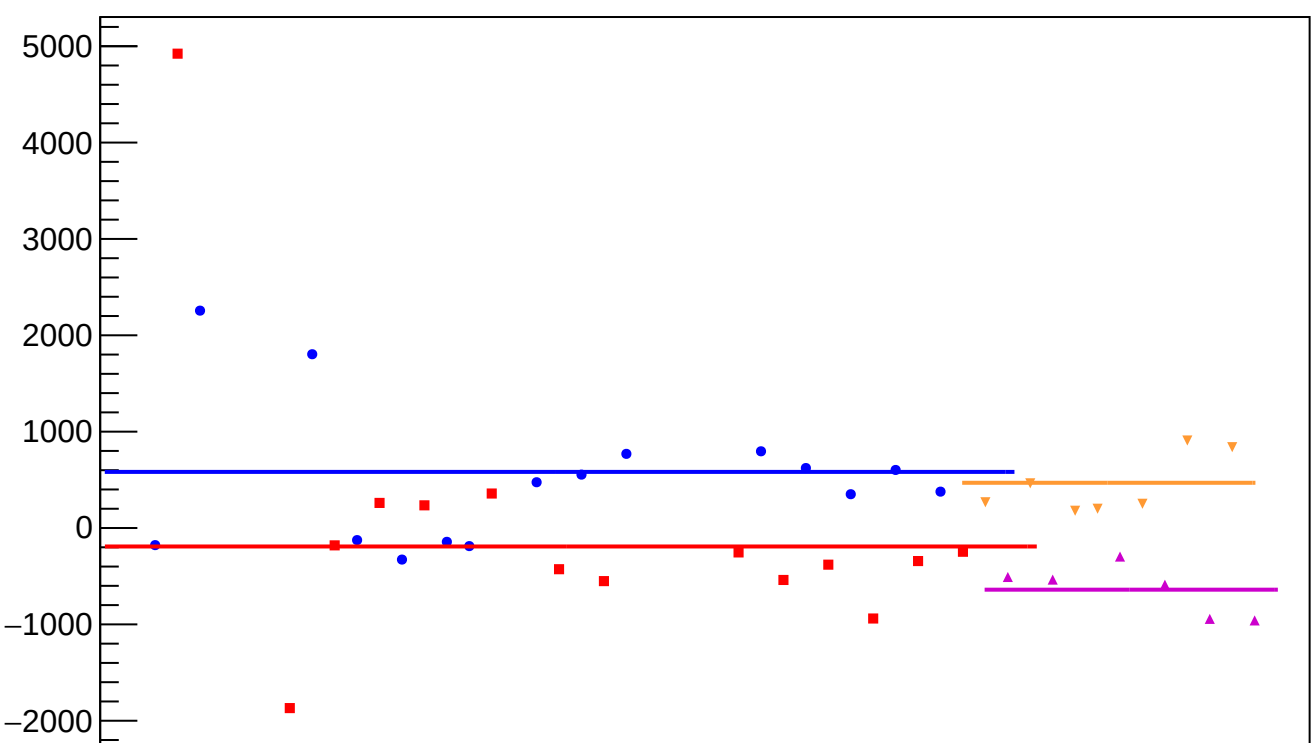
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -83.640+/-0.000 χ^2/NDF: 3888630314636053

Right In: 582.390+/-0.000 χ^2/NDF: 33879656762303204007279199646049003110 4.0/14

Right: 190.108+/-0.000 χ^2/NDF: 270460615635385

Left Out: 469.409+/-0.000 χ^2/NDF:422485195624622936303930838106505216 00.0/6

In: 42.762+/-0.000 χ^2/NDF:796913147985553818

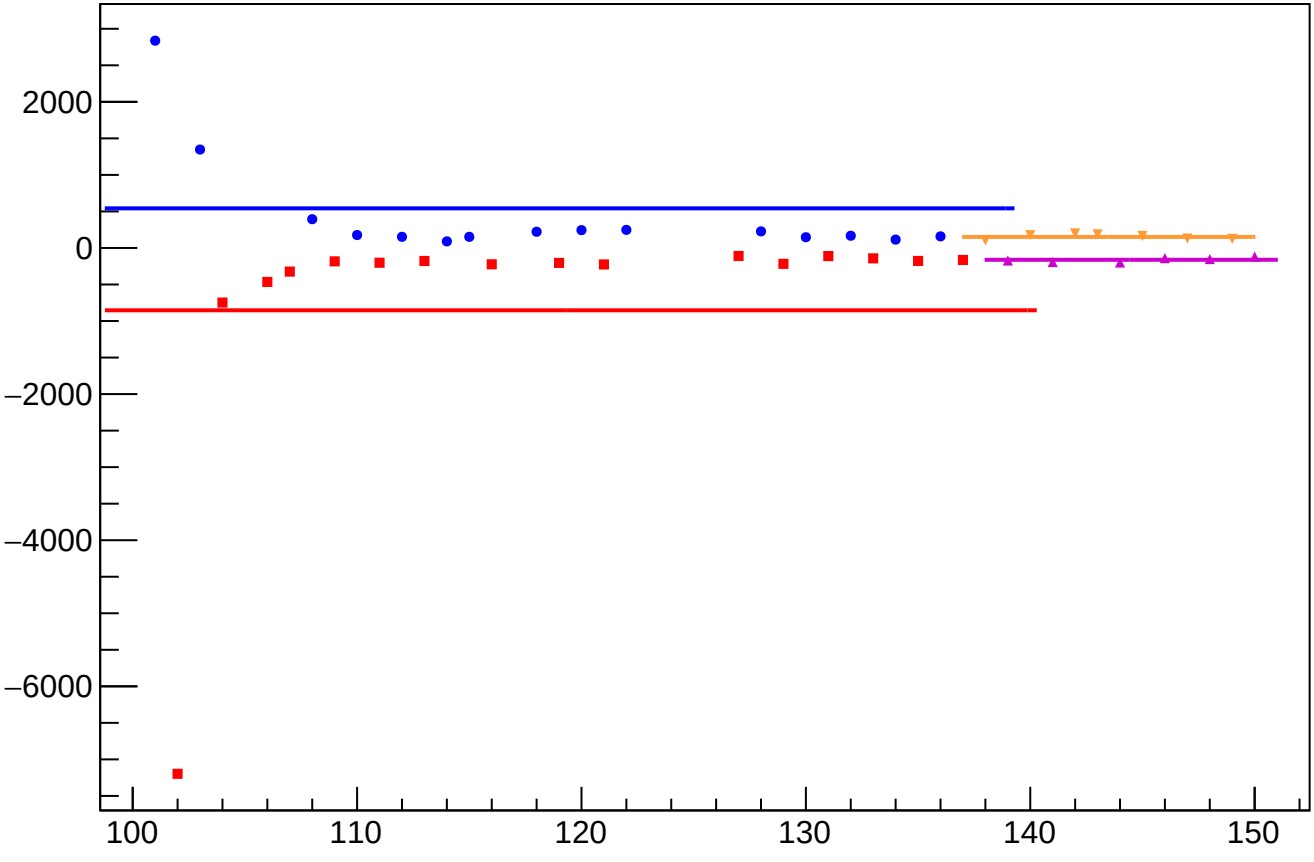
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15

Out: 96.726+/-0.000 χ^2/NDF:23381234417120342

Left In: -639.924+/-0.000 χ^2/NDF:3004002533989632326597487726402155315 2.0/5

All: 69.986+/-0.000 χ^2/NDF: 313674363429 8

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -4.900+/-0.000 χ^2/NDF: 26136197227581103

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 151.015+/-0.000 χ^2/NDF:529386191173081266325992910748647424.0/6

In: 231.502+/-0.000 χ^2/NDF:5568509235262855

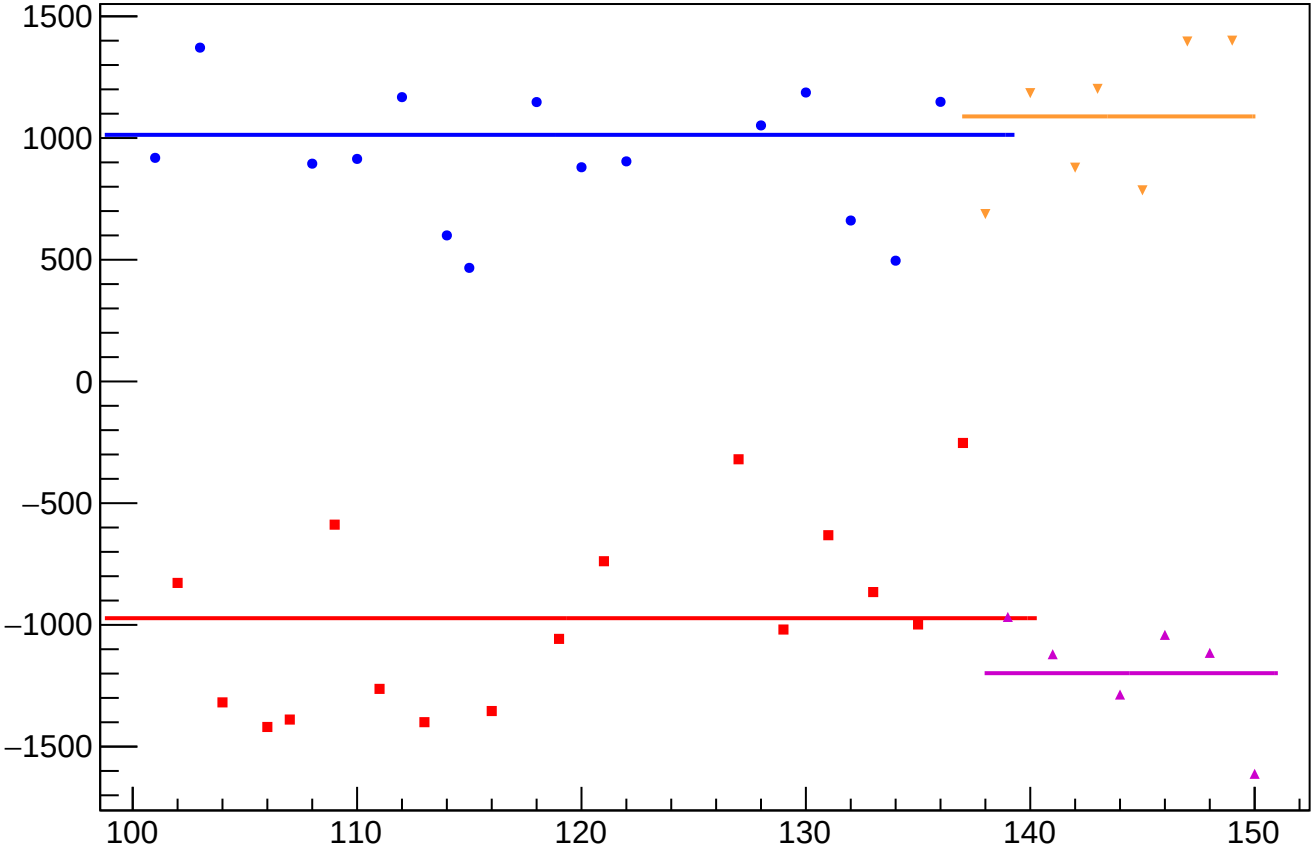
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

Out: -415.184+/-0.000 χ^2/NDF:286799693794624

Left In: -161.726+/-0.000 χ^2/NDF:4461059170532675147912152207107031 04.0/5

All: -94.737+/-0.000 χ^2/NDF: 366999936392

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

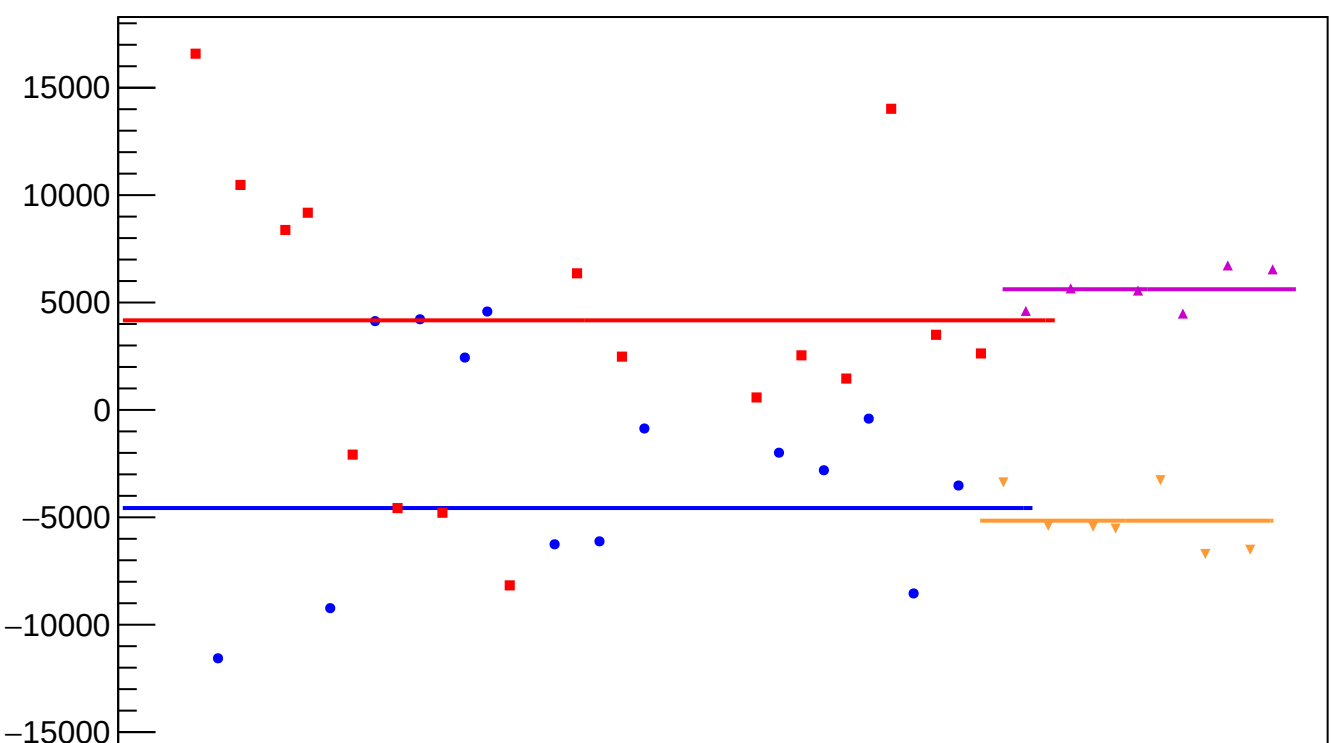
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

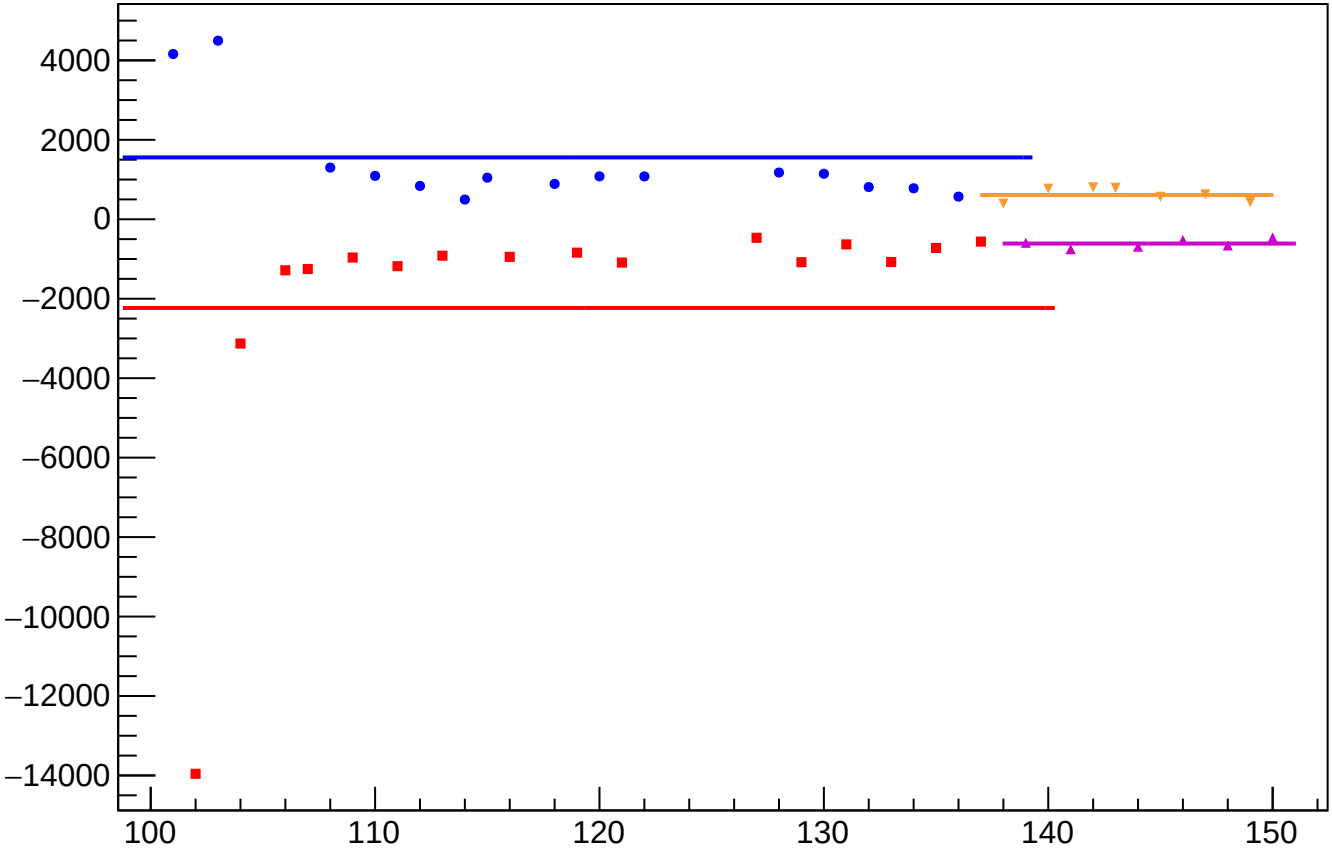
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_atr2_coil6_mean vs Slug, Sign Corrected



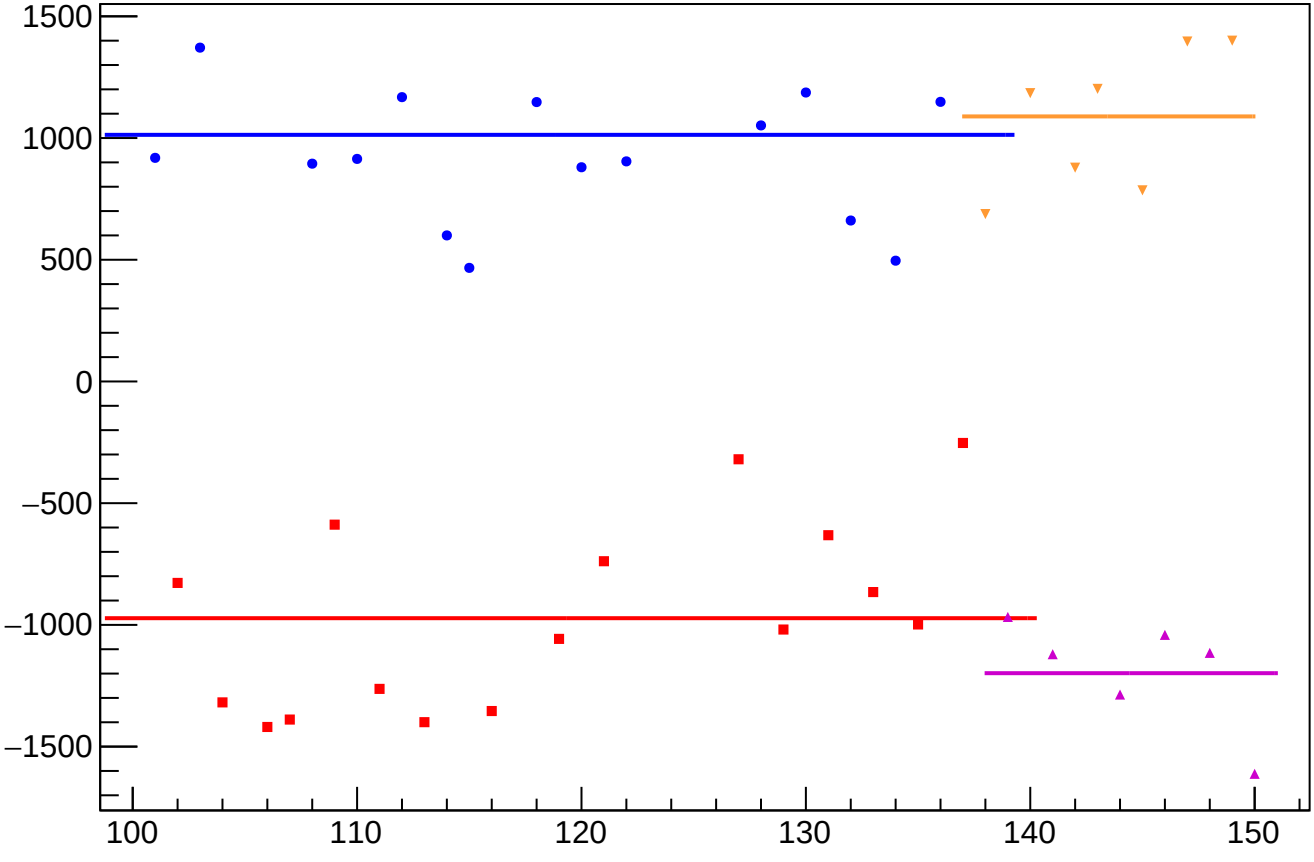
Left: 215.047+/-0.000 χ^2/NDF: 3113123192888959
Right In: -4568.297+/-0.000 χ^2/NDF: 24195052148165719540713110921977756909568.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5156.681+/-0.000 χ^2/NDF:894409156000312219689027572452300947456.0/6
In: -71.165+/-0.000 χ^2/NDF:54296632054854955
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: 102.331+/-0.000 χ^2/NDF:5717310669670445
Left In: 5618.188+/-0.000 χ^2/NDF:3709144030839432713712714424988299427 84.0/5
All: 16.360+/-0.000 χ^2/NDF: 1114873840483

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 1.282+/-0.000 χ^2/NDF: 40153597397402792
Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
Right: -363.793+/-0.000 χ^2/NDF: 14852877470384
Left Out: 610.177+/-0.000 χ^2/NDF:124927071996808482152700567985208688 64.0/6
In: 599.662+/-0.000 χ^2/NDF:249130435143566 20
Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15
Out: -992.595+/-0.000 χ^2/NDF:113538846481907
Left In: -611.174+/-0.000 χ^2/NDF:530733358973099339025204548420082 0736.0/5
All: -203.596+/-0.000 χ^2/NDF: 1533137833 5

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

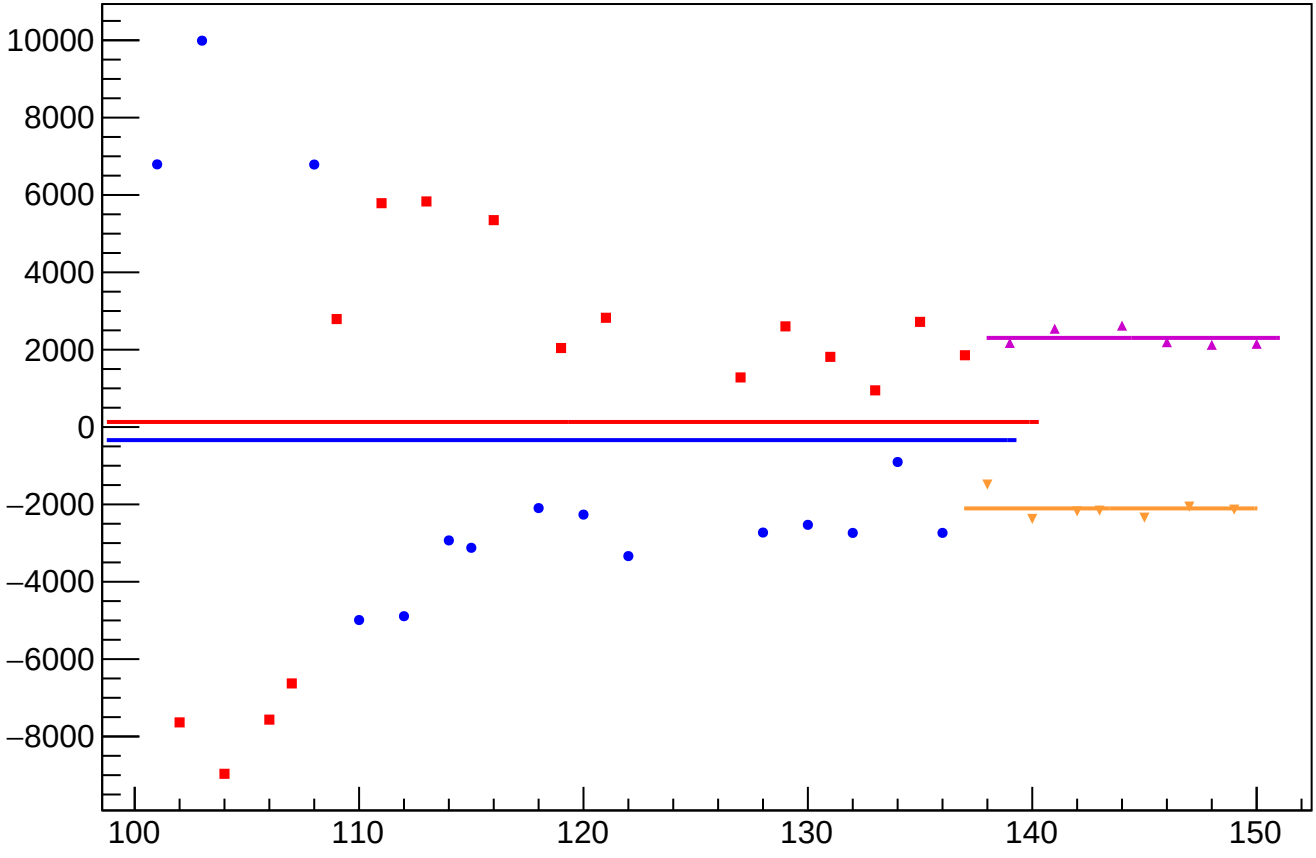
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

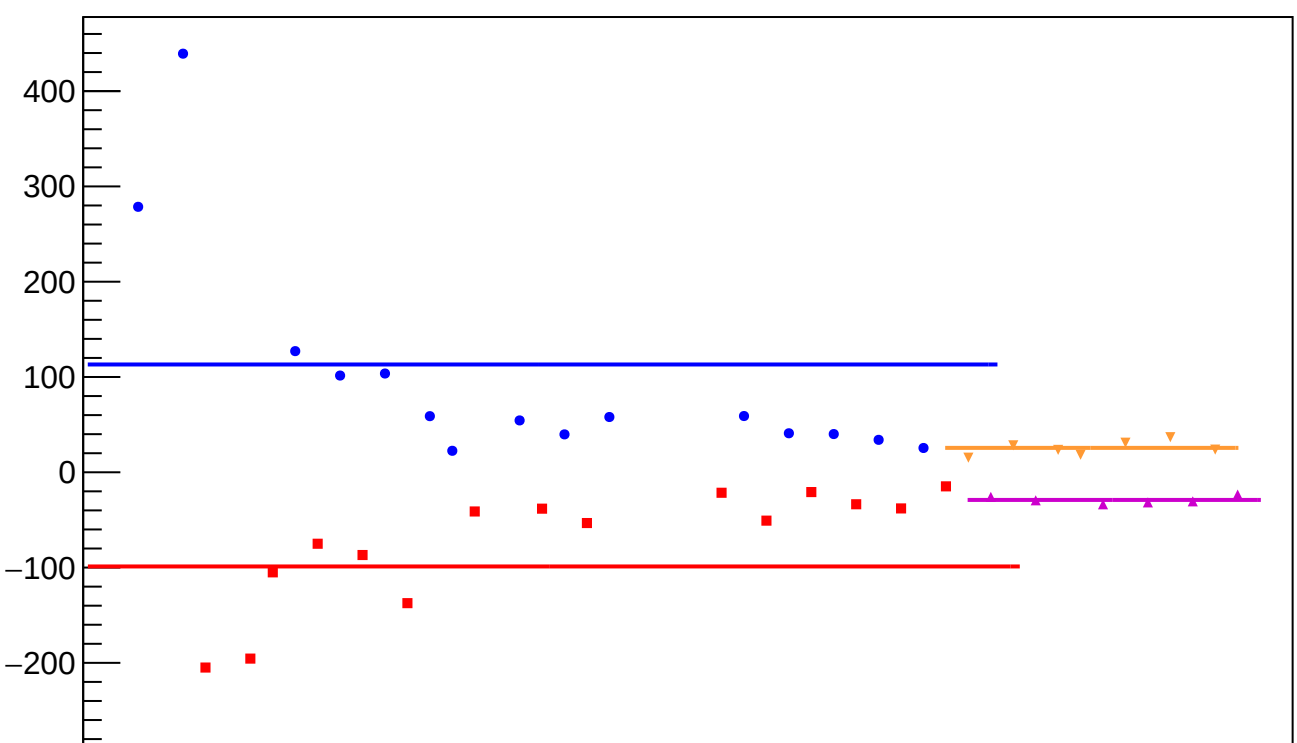
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 94.080+/-0.000 χ^2/NDF: 5062414331930575
Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
Right: -99.949+/-0.000 χ^2/NDF: 316982138957514
Left Out: -2103.927+/-0.000 χ^2/NDF:4109060380342300607141250597582064844 8.0/6
In: 828.882+/-0.000 χ^2/NDF:1717460815049950
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15
Out: -843.521+/-0.000 χ^2/NDF:179681911555686
Left In: 2304.941+/-0.000 χ^2/NDF:2091075964006960018918143369289295462 4.0/5
All: -14.808+/-0.000 χ^2/NDF: 367823684616

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



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Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.613+/-0.000 χ^2/NDF:24999144332425317794156959678595072.0/6

In: 50.377+/-0.000 χ^2/NDF:15785686165210030

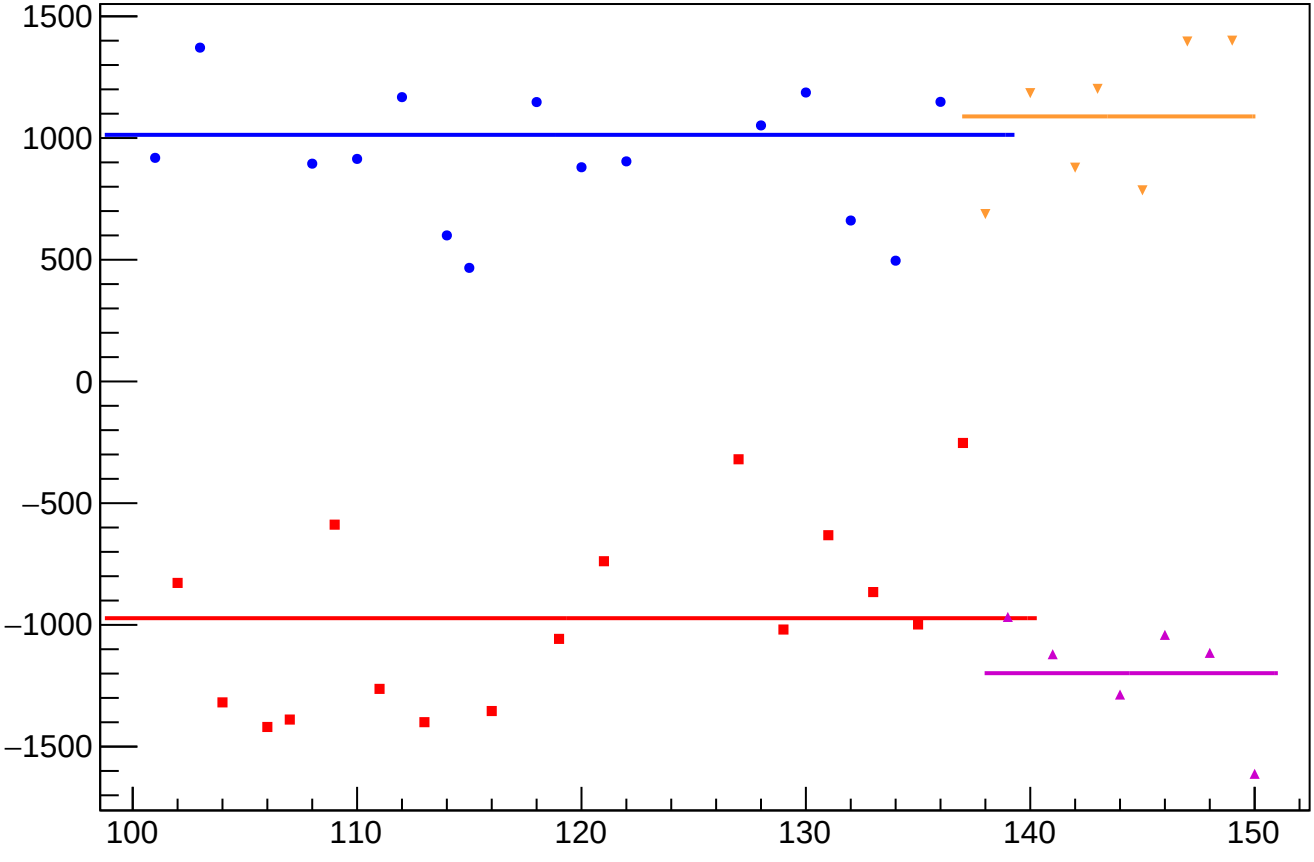
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -44.552+/-0.000 χ^2/NDF:1004094432199540

Left In: -29.017+/-0.000 χ^2/NDF:6362839980203956579724584684617728.0/5

All: 2.487+/-0.000 χ^2/NDF: 3110924334503

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

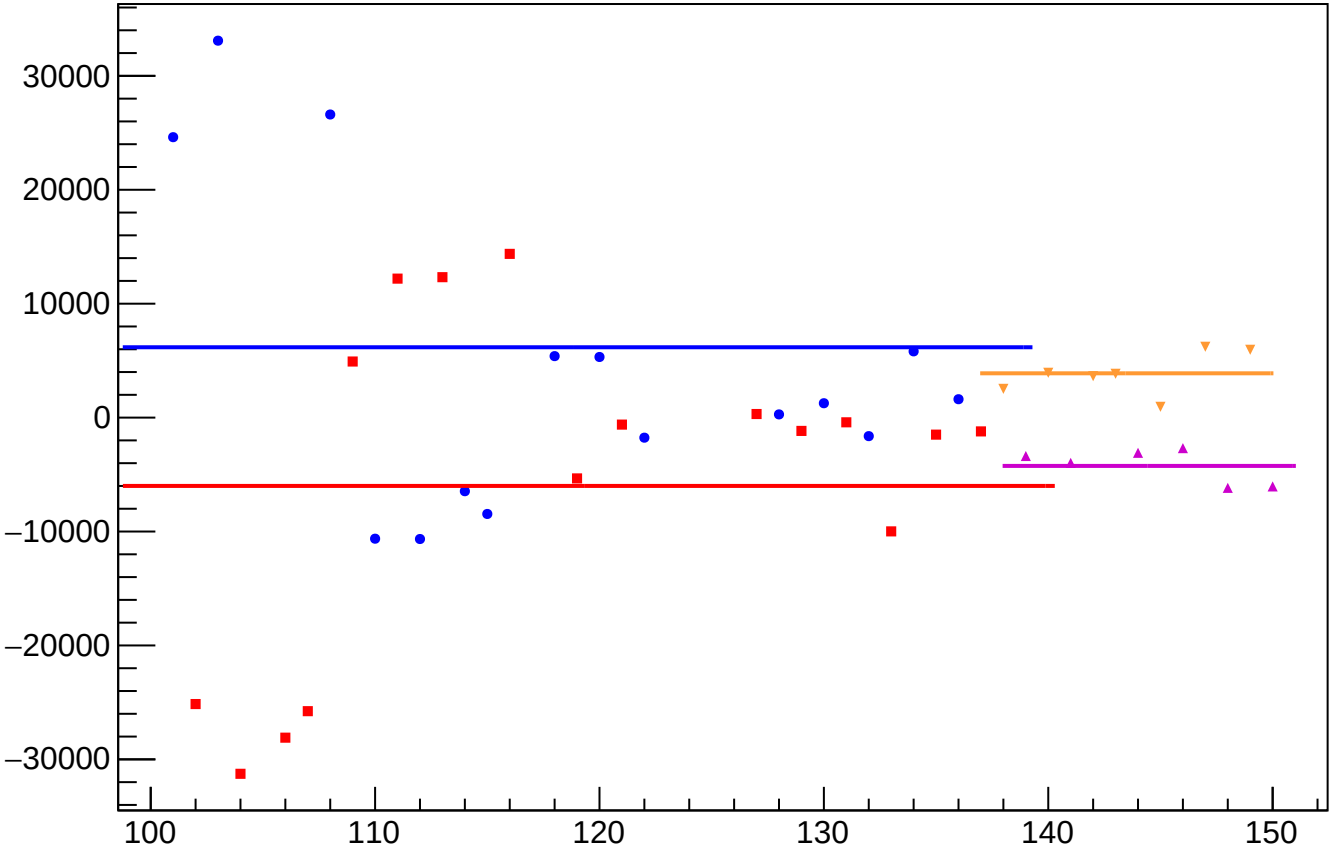
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

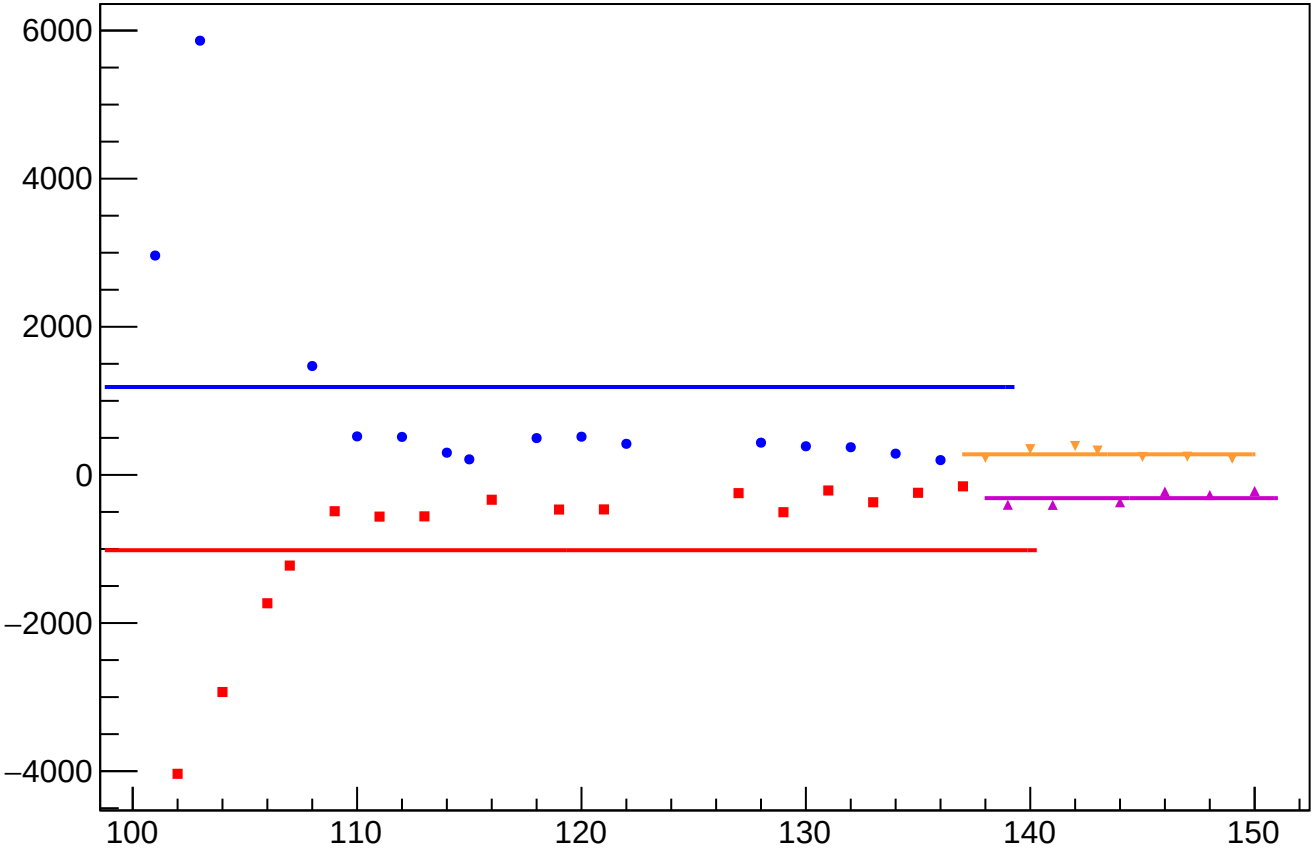
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam2_coil6_mean vs Slug, Sign Corrected



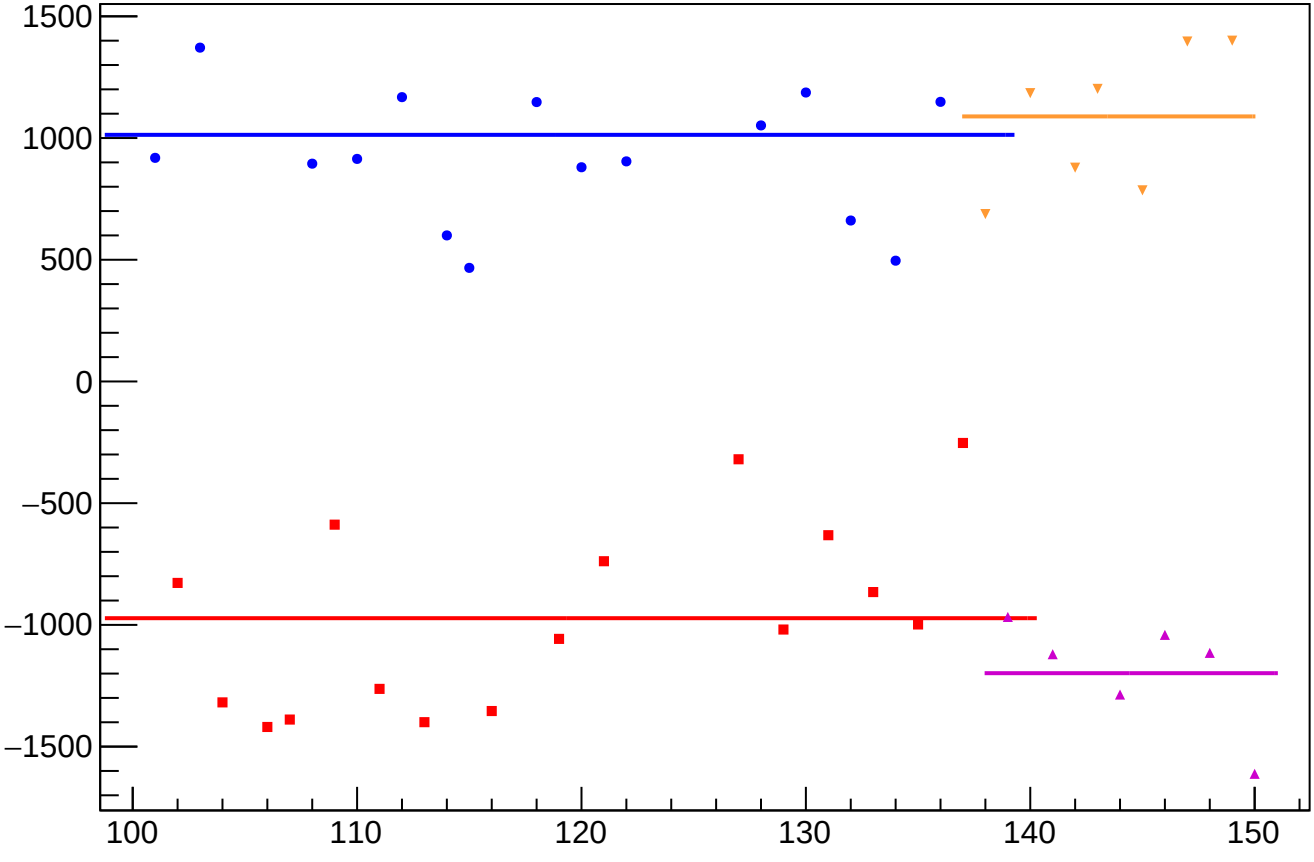
Left: -163.816+/-0.000 χ^2/NDF: 196245825954092
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 30305507427747676
Left Out: 3888.895+/-0.000 χ^2/NDF:16311572724856571423698555048054939975 68.0/6
In: 1577.159+/-0.000 χ^2/NDF:149338523880675 9
Right Out: -5996.727+/-0.000 χ^2/NDF: 137057710785025136543407710107916356812800.0/15
Out: -1684.824+/-0.000 χ^2/NDF:16712030050569
Left In: -4240.227+/-0.000 χ^2/NDF:9938157098643716866069728708689741742 08.0/5
All: -68.439+/-0.000 χ^2/NDF: 322696336816

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -16.891+/-0.000 χ^2/NDF: 9519428902752364
Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 278.134+/-0.000 χ^2/NDF:1826372621463241409305884637452566528.0/6
In: 524.411+/-0.000 χ^2/NDF:2444833423941249
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -451.938+/-0.000 χ^2/NDF:141727055306983
Left In: -313.641+/-0.000 χ^2/NDF:3280497770594092138218852928152666112.0/5
All: 31.865+/-0.000 χ^2/NDF: 4420906316018

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

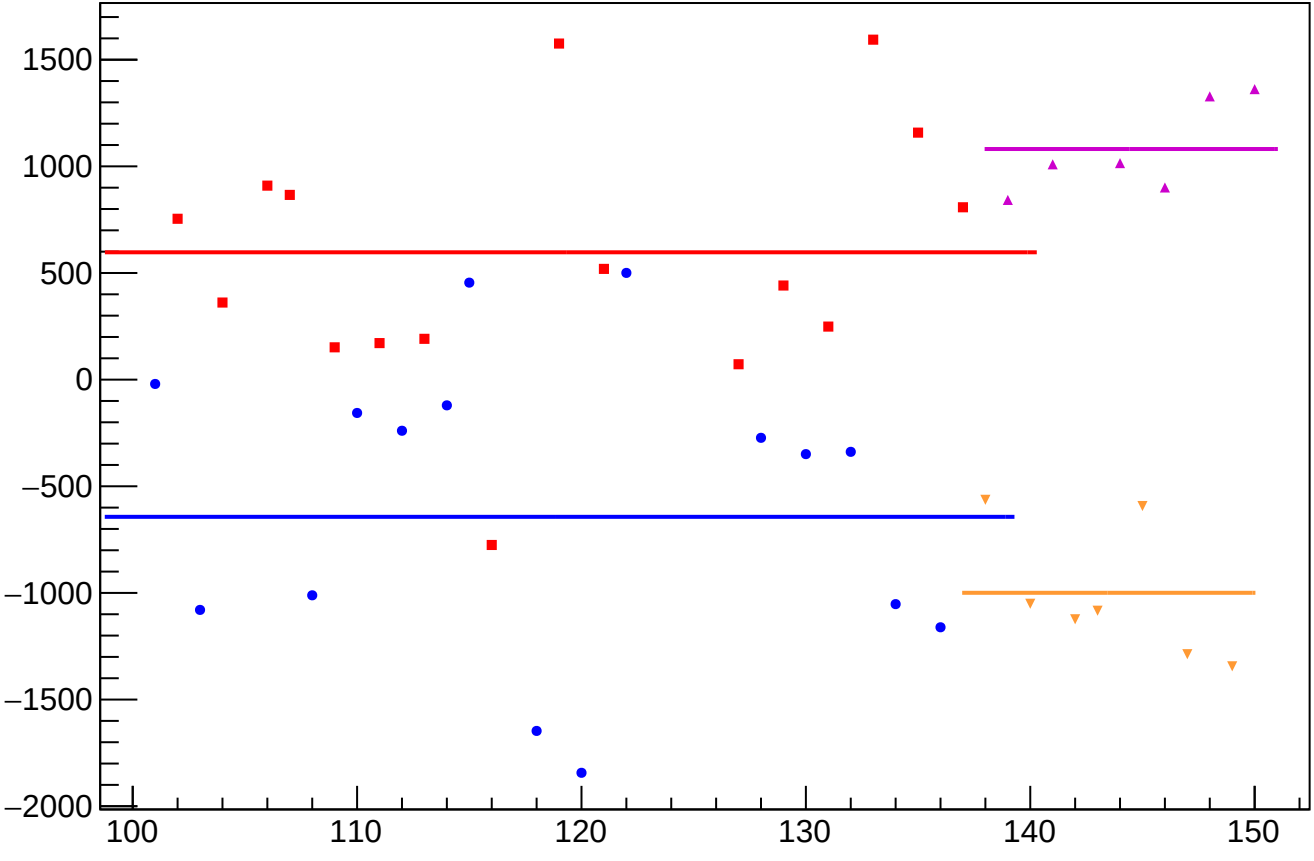
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

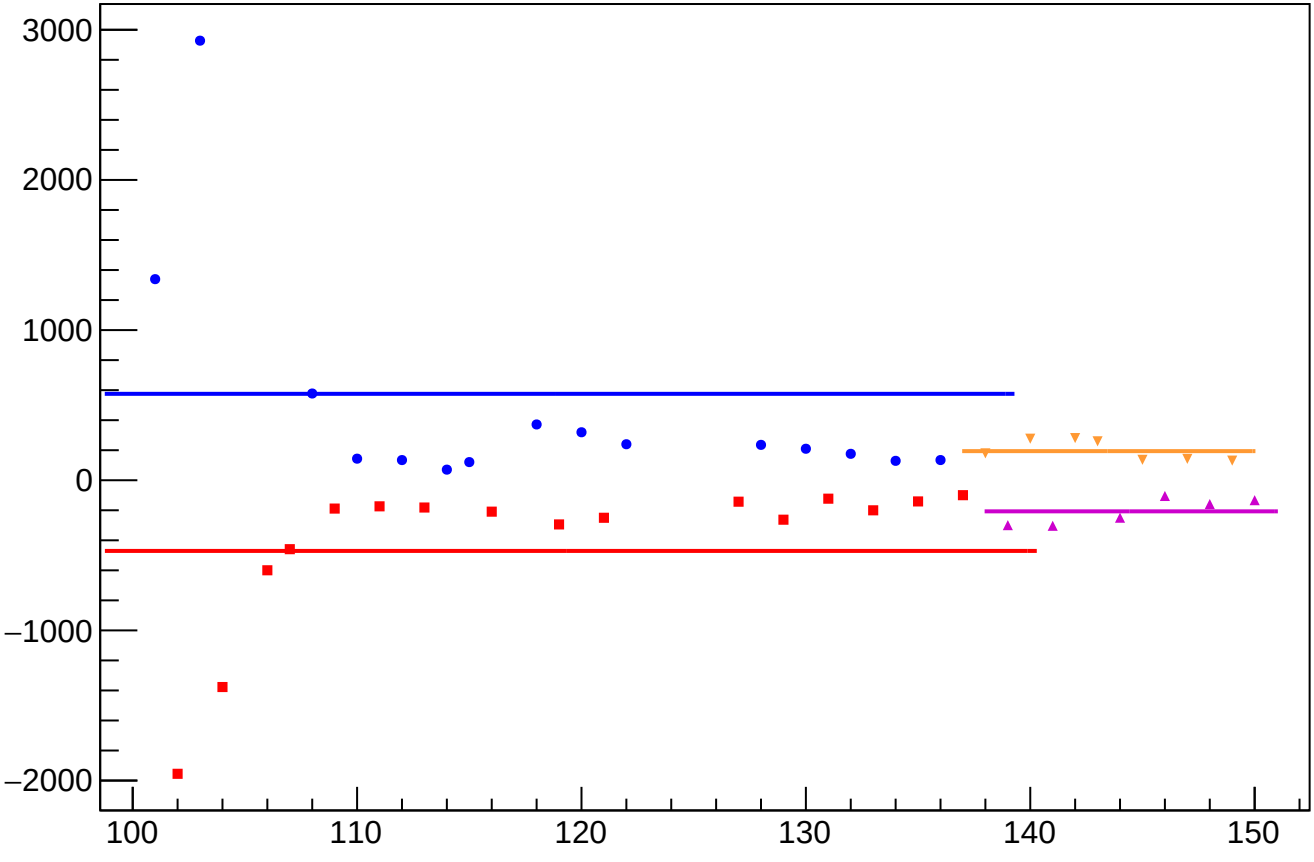
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam3_coil6_mean vs Slug, Sign Corrected



Left: 37.905+/-0.000 χ^2/NDF: 1180213421075034
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -999.412+/-0.000 χ^2/NDF:460775462426057157456344576618586439 68.0/6
In: 118.118+/-0.000 χ^2/NDF:1145245478964169
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -99.298+/-0.000 χ^2/NDF:998298757854571
Left In: 1081.289+/-0.000 χ^2/NDF:2042876710851991167889670319654096076 8.0/5
All: 8.437+/-0.000 χ^2/NDF: 2171253822928

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -6.031+/-0.000 χ^2/NDF: 46598702477930958

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 193.900+/-0.000 χ^2/NDF:20258379704107996961150690067627376 64.0/6

In: 229.999+/-0.000 χ^2/NDF:6113893638757156

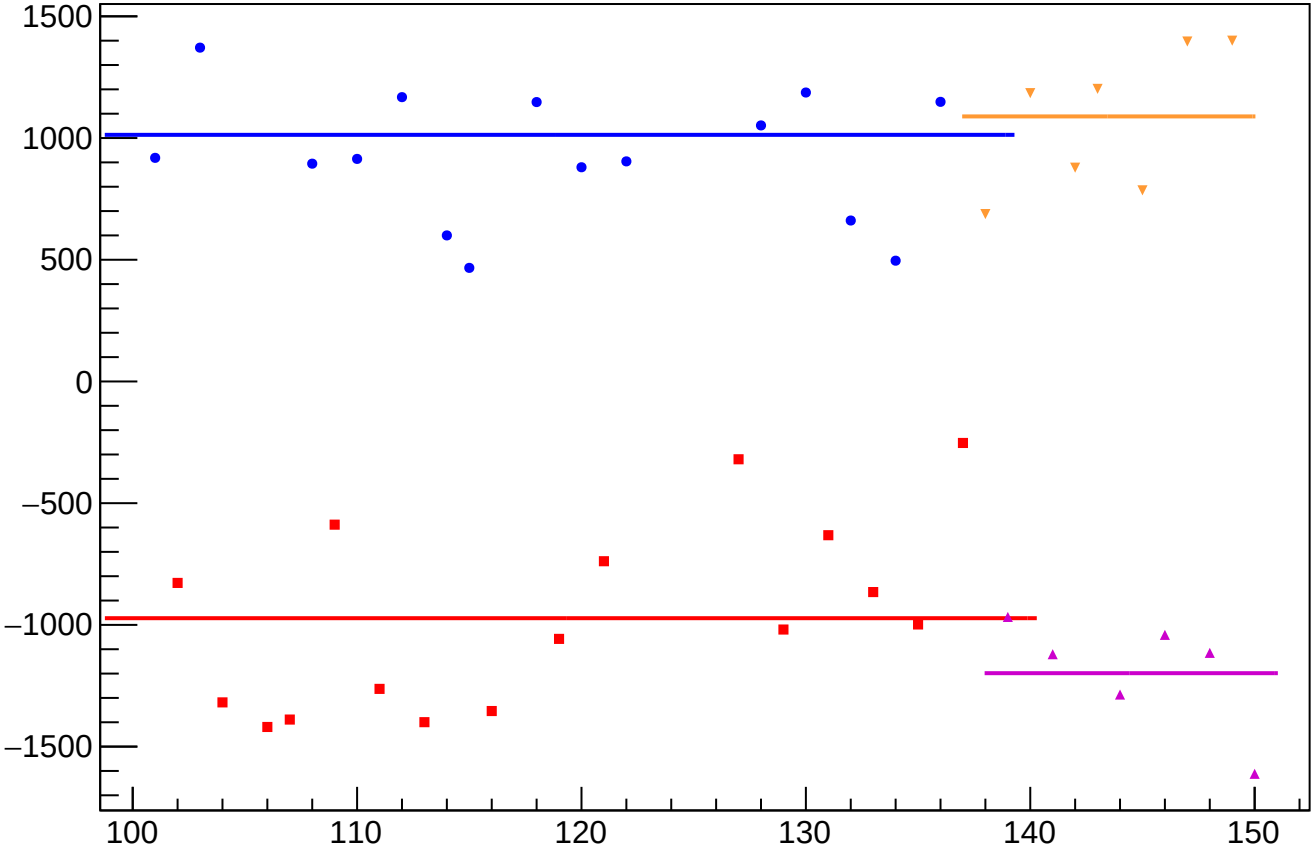
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -180.824+/-0.000 χ^2/NDF:339844896434819

Left In: -207.130+/-0.000 χ^2/NDF:3201089923925685557727788696464261120.0/5

All: 22.748+/-0.000 χ^2/NDF: 1050171149823

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

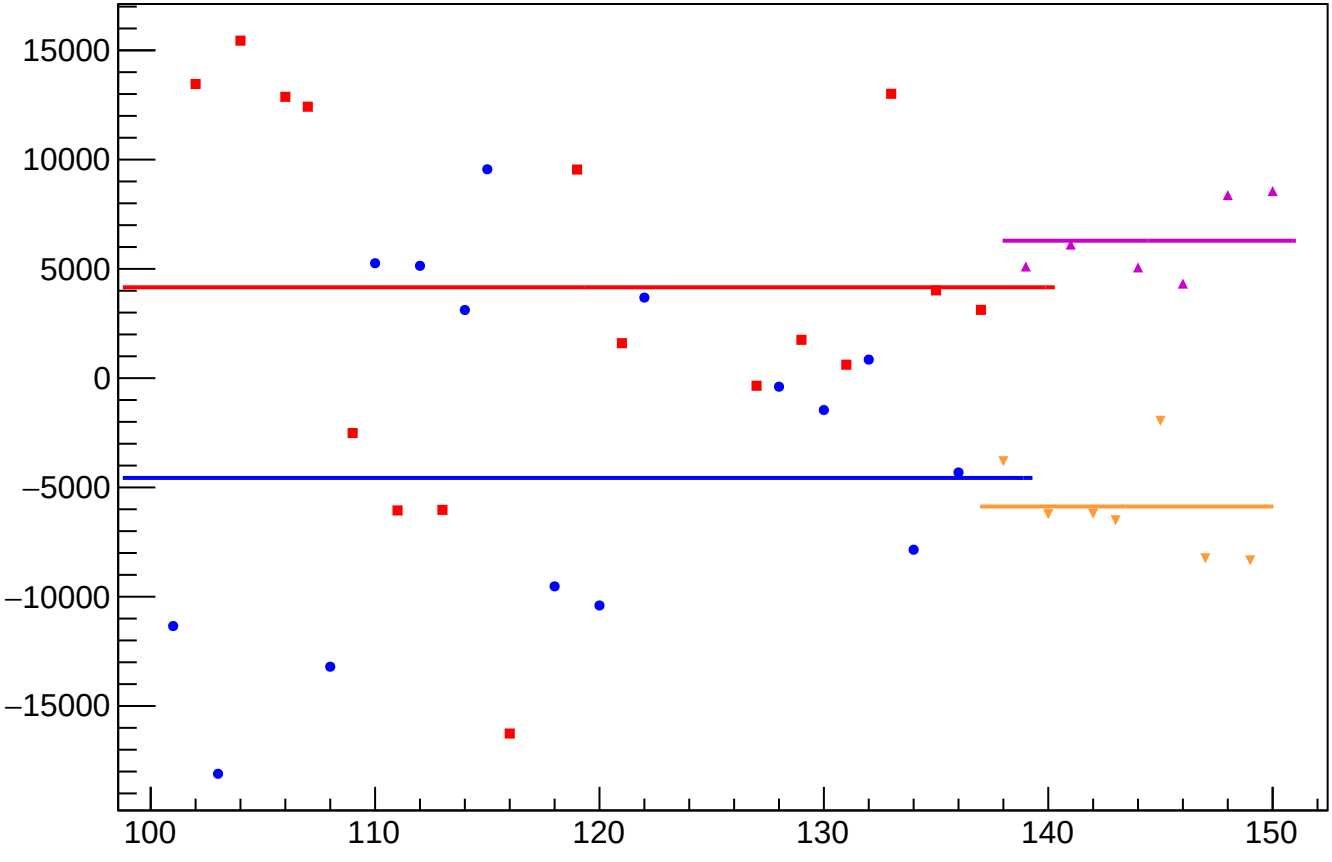
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 191.060+/-0.000 χ^2/NDF: 4202210881755661

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Right: -144.626+/-0.000 χ^2/NDF: 10623220696347

Left Out: -5871.863+/-0.000 χ^2/NDF:2572608752827895599987484166897509859328.0/6

In: 226.790+/-0.000 χ^2/NDF:7083111893298615

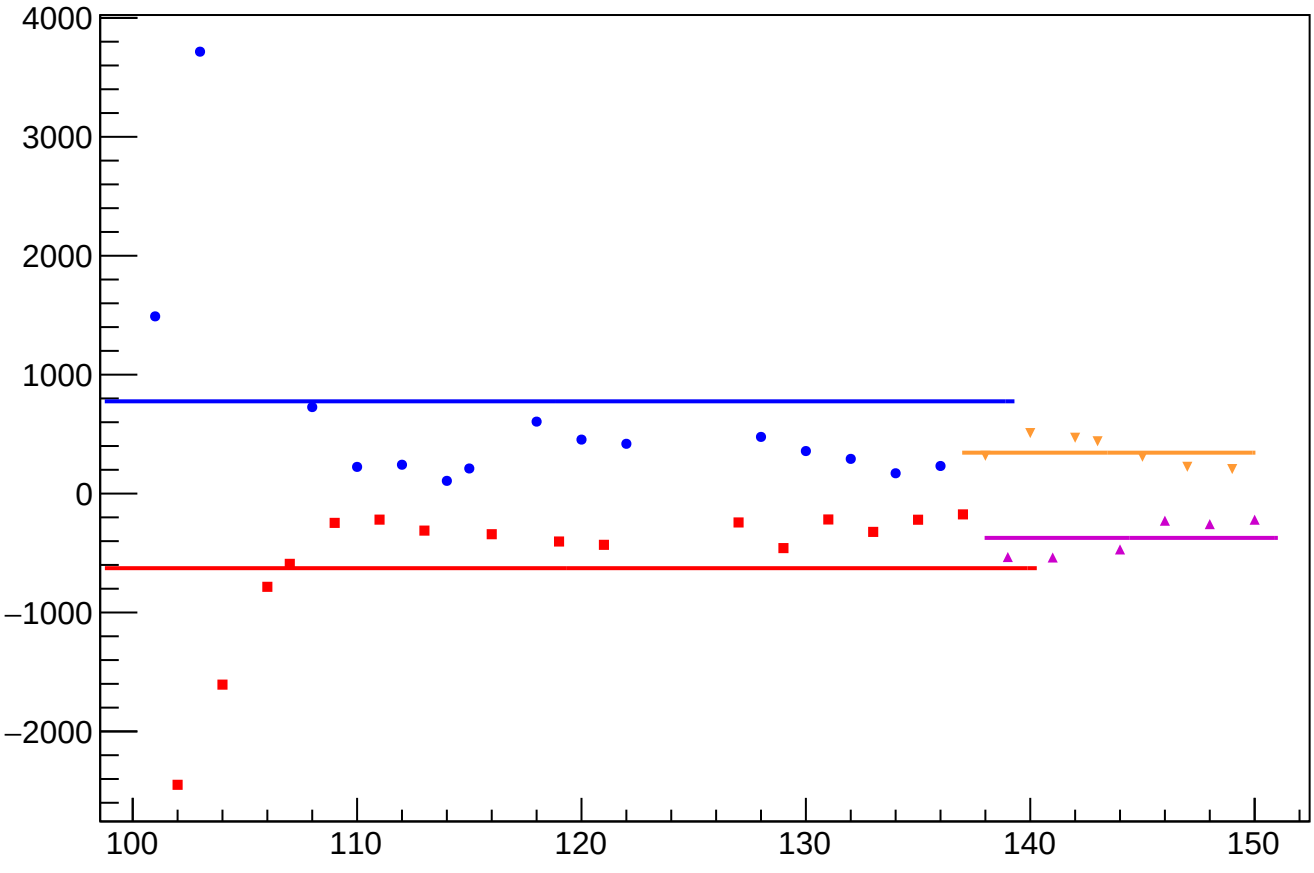
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15

Out: -217.461+/-0.000 χ^2/NDF:773725767970942

Left In: 6289.439+/-0.000 χ^2/NDF:1403252917725617342749906813635906240512.0/5

All: 2.675+/-0.000 χ^2/NDF: 1483193880099

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -13.245+/-0.000 χ^2/NDF: 1487596705378003

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 344.027+/-0.000 χ^2/NDF:641452833203880352743725219639302553 6.0/6

In: 268.815+/-0.000 χ^2/NDF:1029978847100037

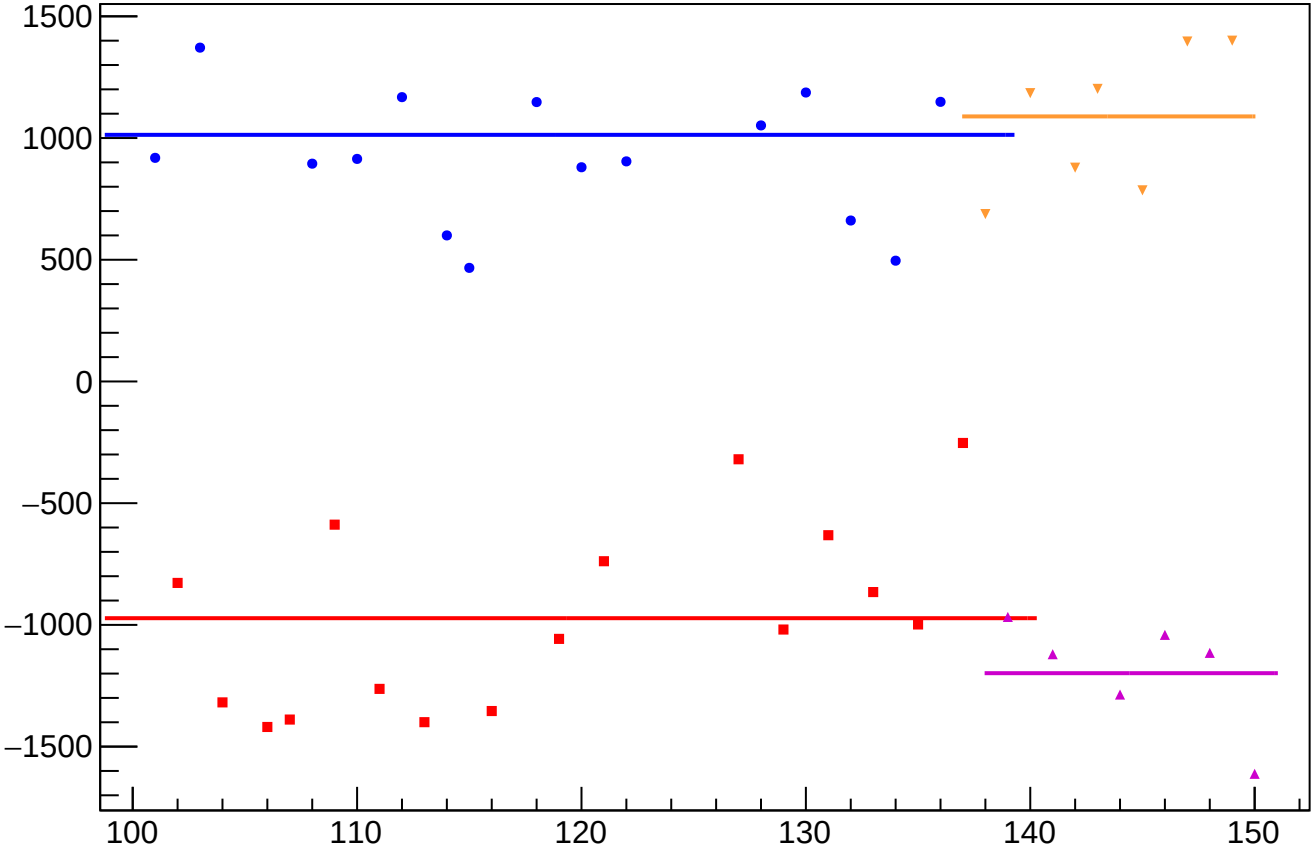
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -203.636+/-0.000 χ^2/NDF:578427434781228

Left In: -372.606+/-0.000 χ^2/NDF:102321459916926416853015095694390722 56.0/5

All: 30.474+/-0.000 χ^2/NDF: 173925238572

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

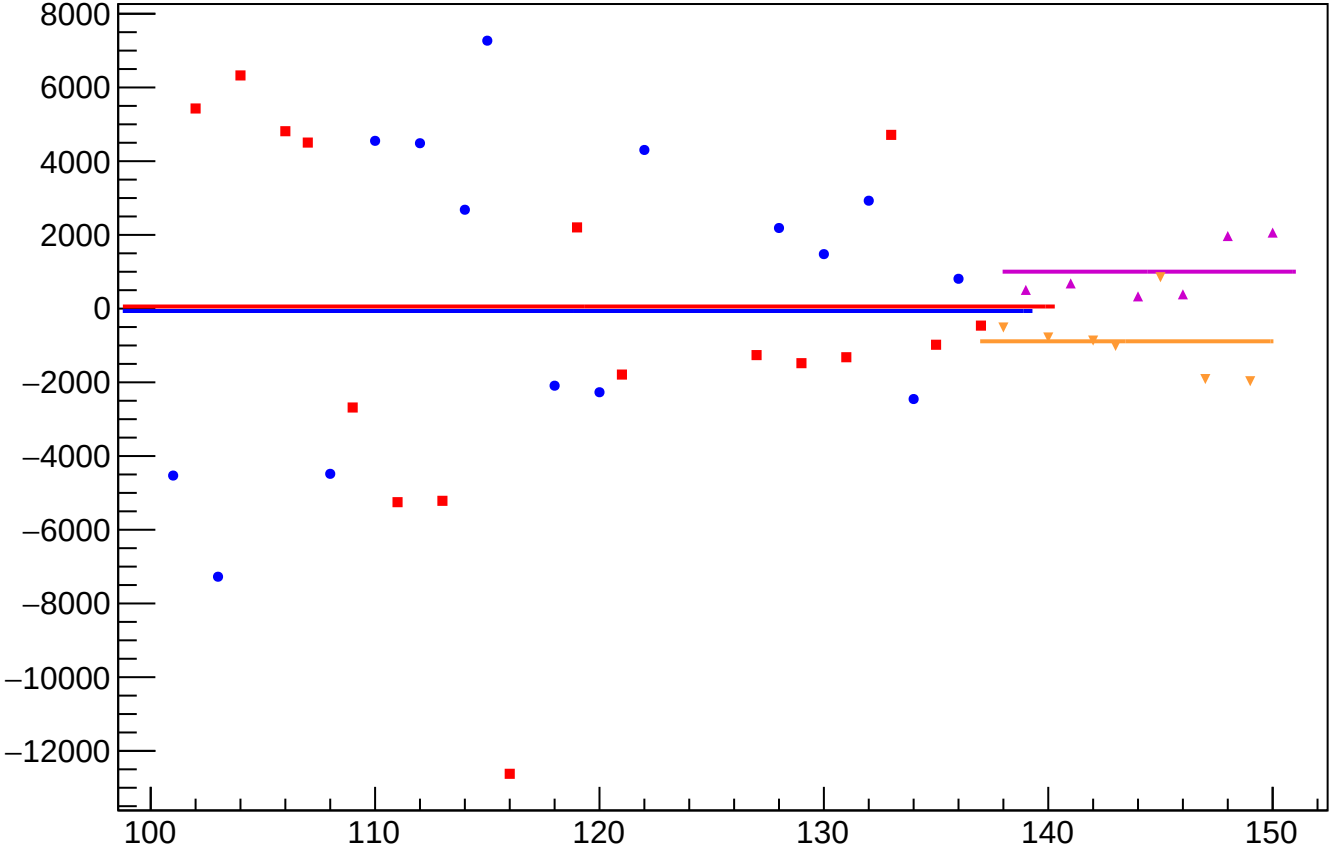
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

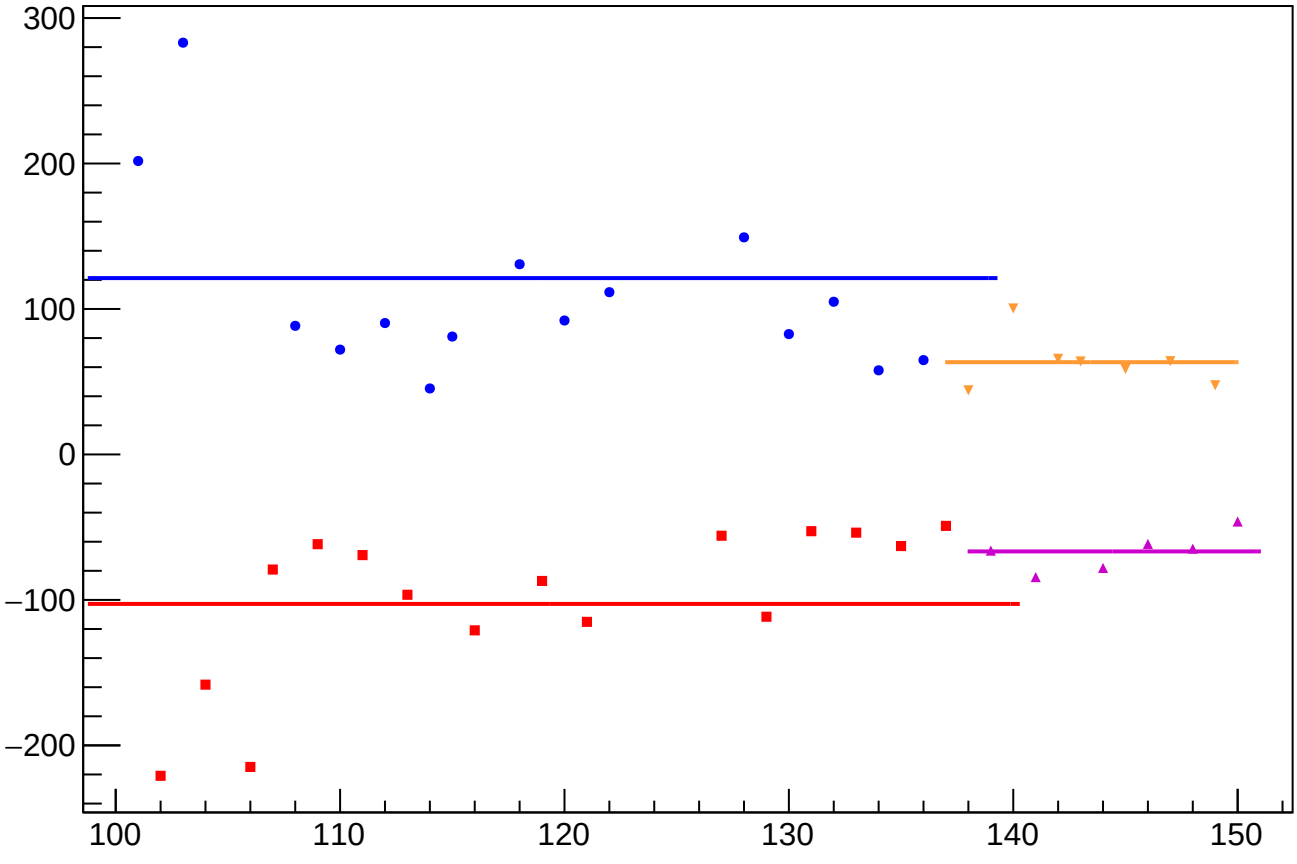
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam5_coil6_mean vs Slug, Sign Corrected



Left: 55.006+/-0.000 χ^2/NDF: 1636636962393579
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -886.785+/-0.000 χ^2/NDF:438037718383286504781514570280327970816.0/6
In: 406.333+/-0.000 χ^2/NDF:1022102755700336
Right Out: 57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15
Out: -354.530+/-0.000 χ^2/NDF:144782636672057
Left In: 1002.304+/-0.000 χ^2/NDF:280569686522433618612301956990793416704.0/5
All: 22.494+/-0.000 χ^2/NDF: 2503865177616

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Left: -1.435+/-0.000 χ^2/NDF: 45975550925784999

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068

Left Out: 63.427+/-0.000 χ^2/NDF:164310916469298588988924598497050624.0/6

In: 38.272+/-0.000 χ^2/NDF:12918423814604957 0

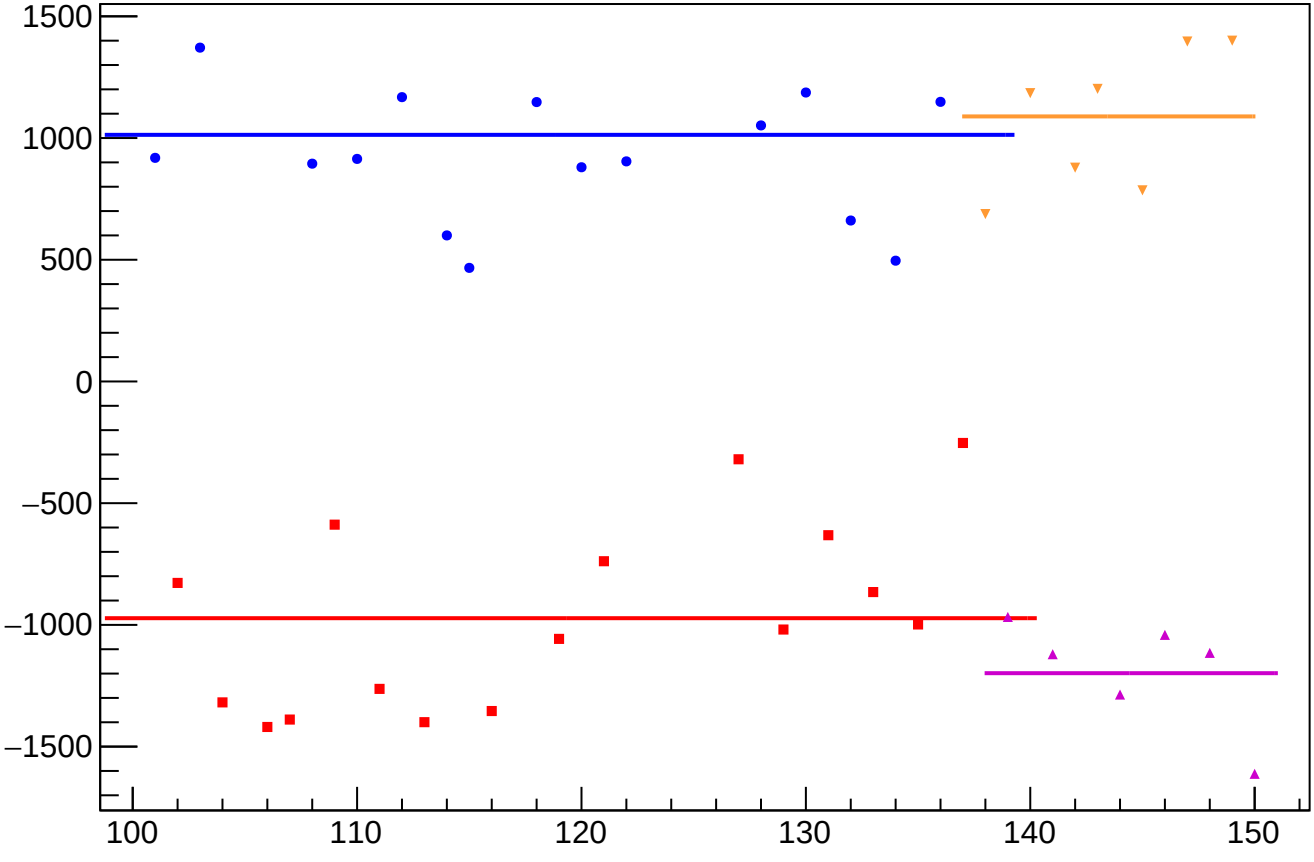
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

Out: -30.266+/-0.000 χ^2/NDF:1016590585824907

Left In: -66.676+/-0.000 χ^2/NDF:78880300166036592770771924660781056.0/5

All: 3.696+/-0.000 χ^2/NDF: 2583803313433 6

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

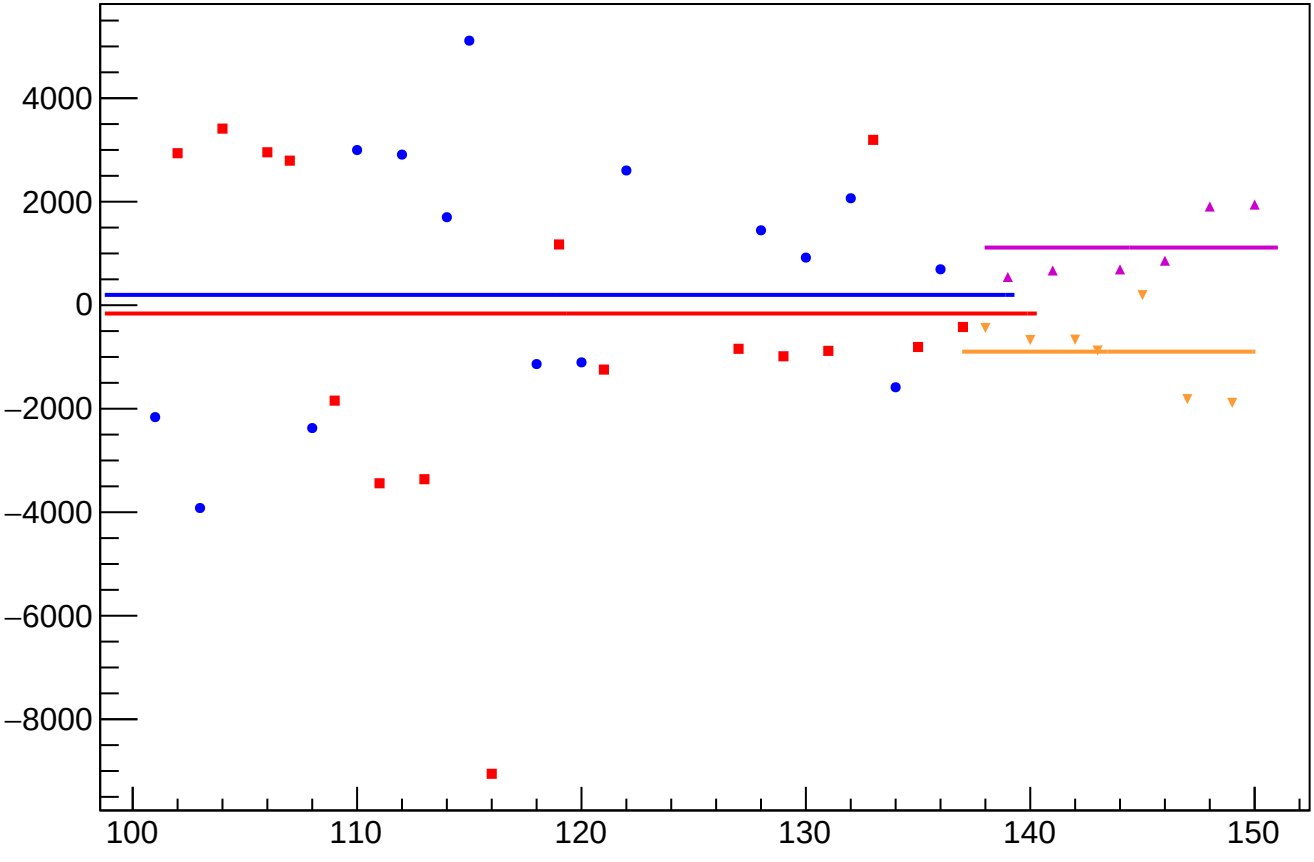
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: 105.199+/-0.000 χ^2/NDF: 1487912642259311

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -897.591+/-0.000 χ^2/NDF:267564518496037293132359430173387390976.0/6

In: 603.170+/-0.000 χ^2/NDF:3687248951251555

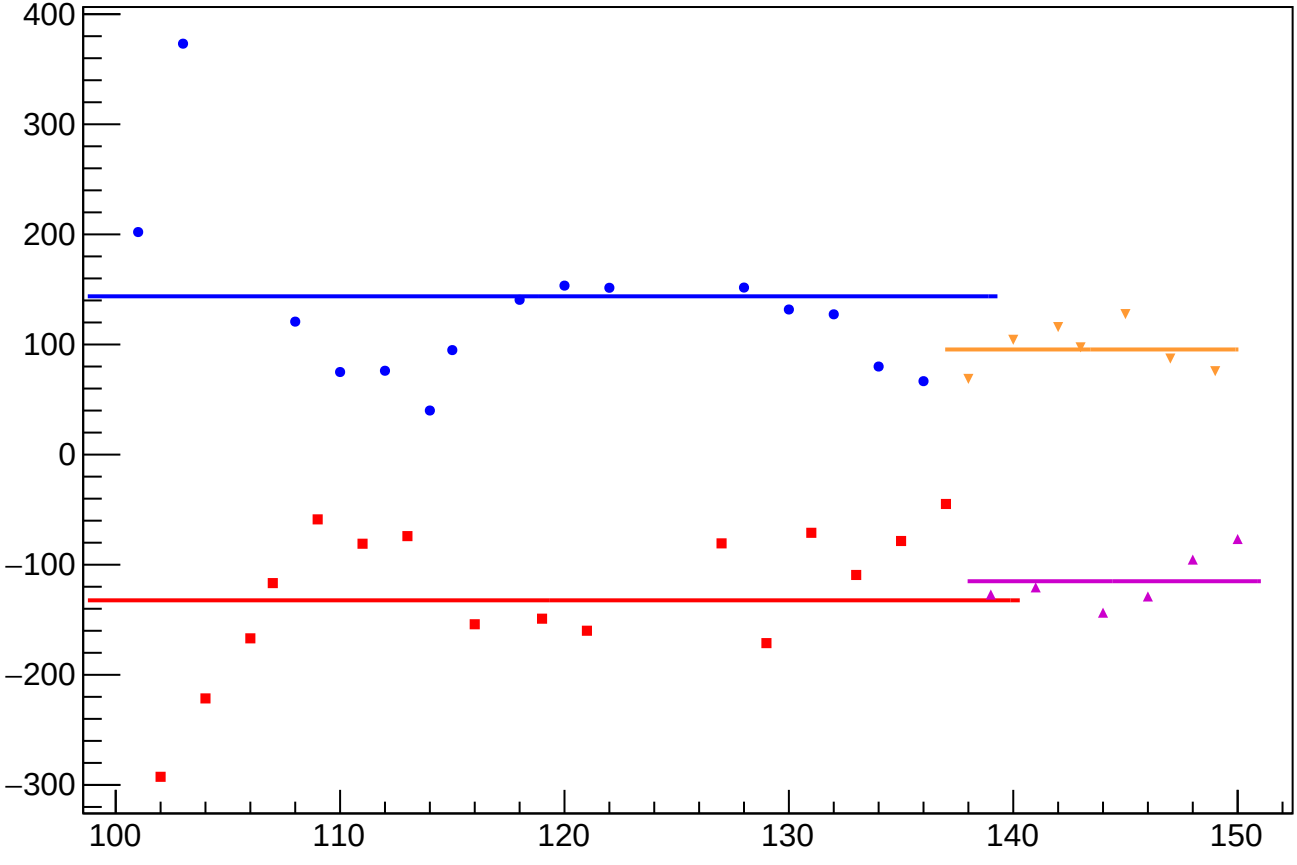
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -482.011+/-0.000 χ^2/NDF:610619996607232

Left In: 1113.852+/-0.000 χ^2/NDF:1795481059381633236290748182358141173 76.0/5

All: 55.721+/-0.000 χ^2/NDF: 1048377191436

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -9.449+/-0.000 χ^2/NDF: 11868704466511650

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 95.484+/-0.000 χ^2/NDF:20296586942570763494249967748592435 2.0/6

In: 29.526+/-0.000 χ^2/NDF:23968416904109402 3

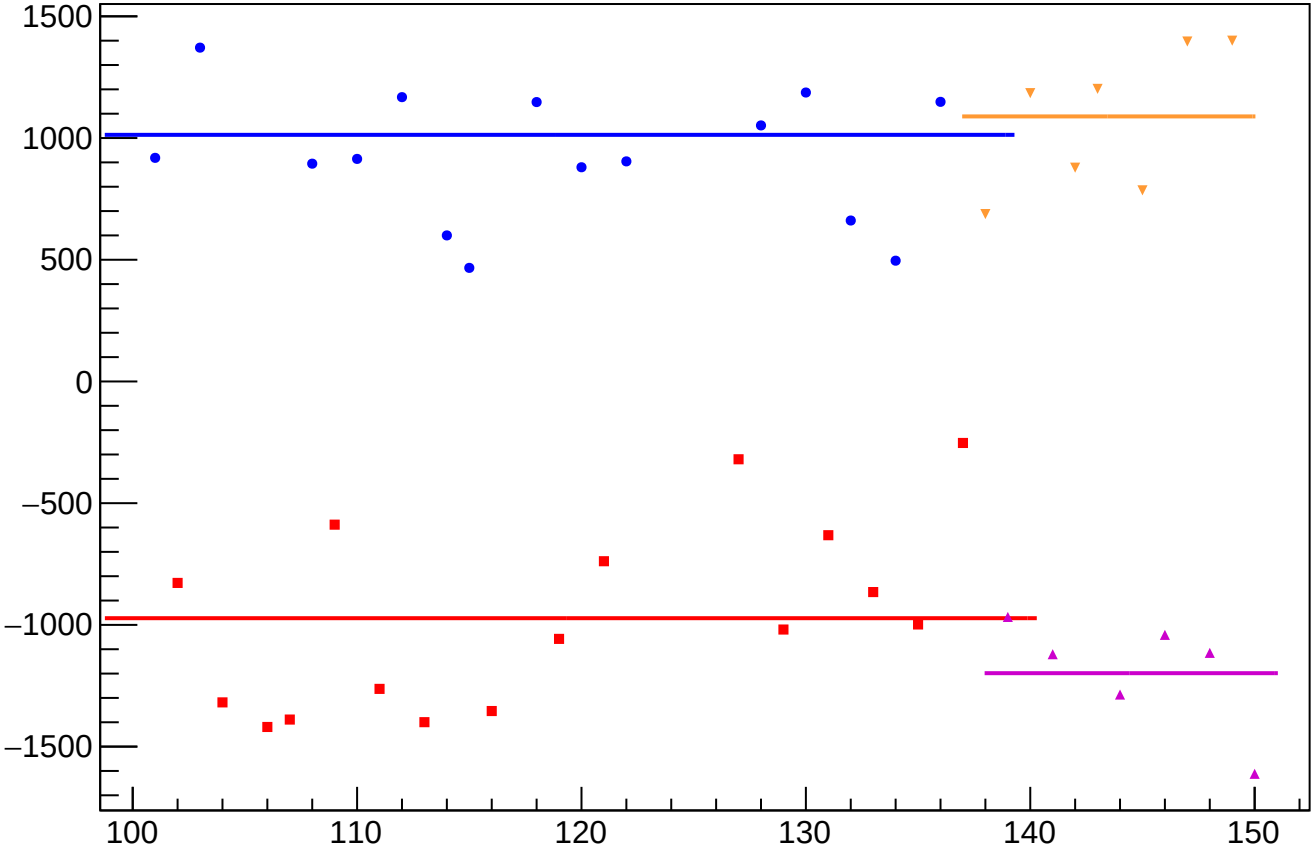
Right Out: -132.341+/-0.000 χ^2/NDF: 31740879087962452876823599142823526 40.0/15

Out: -32.968+/-0.000 χ^2/NDF:1847756096646412

Left In: -114.996+/-0.000 χ^2/NDF:26921538331464543284250459569651712 0.0/5

All: -2.001+/-0.000 χ^2/NDF: 4473544648039

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

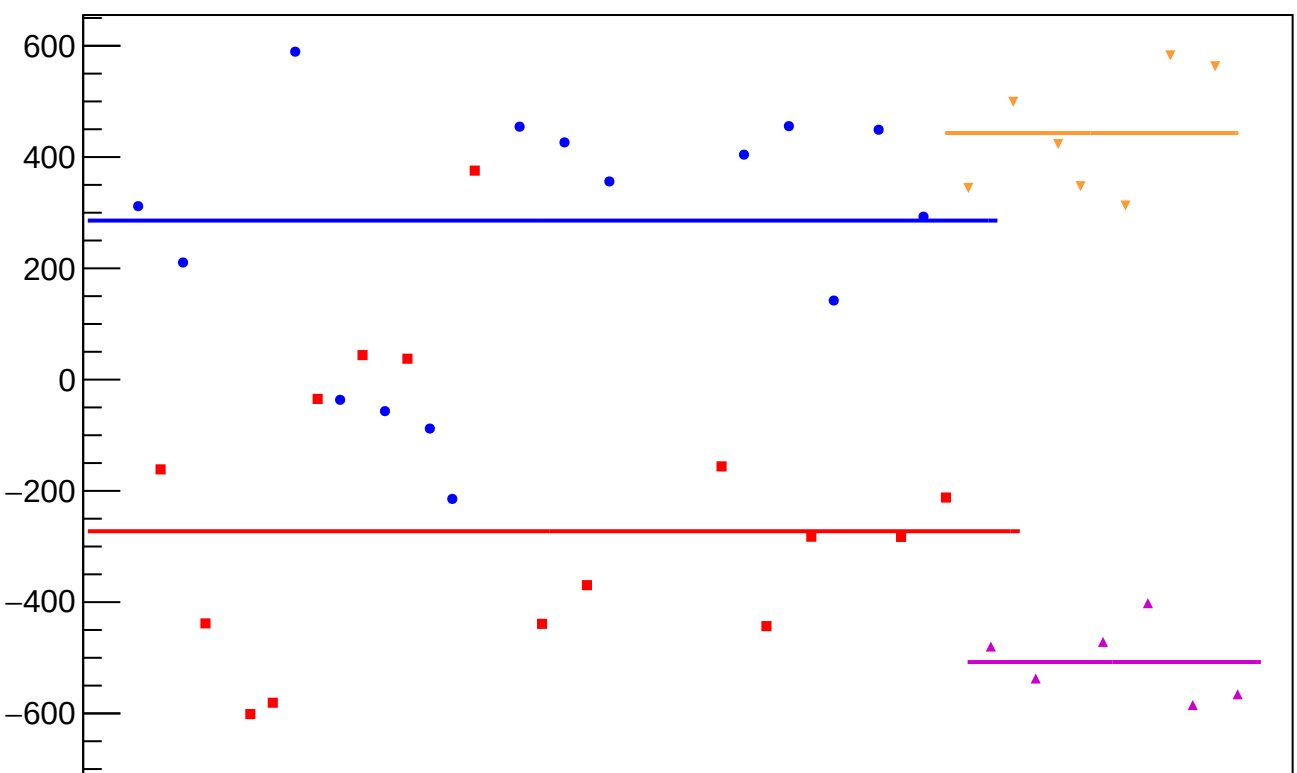
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

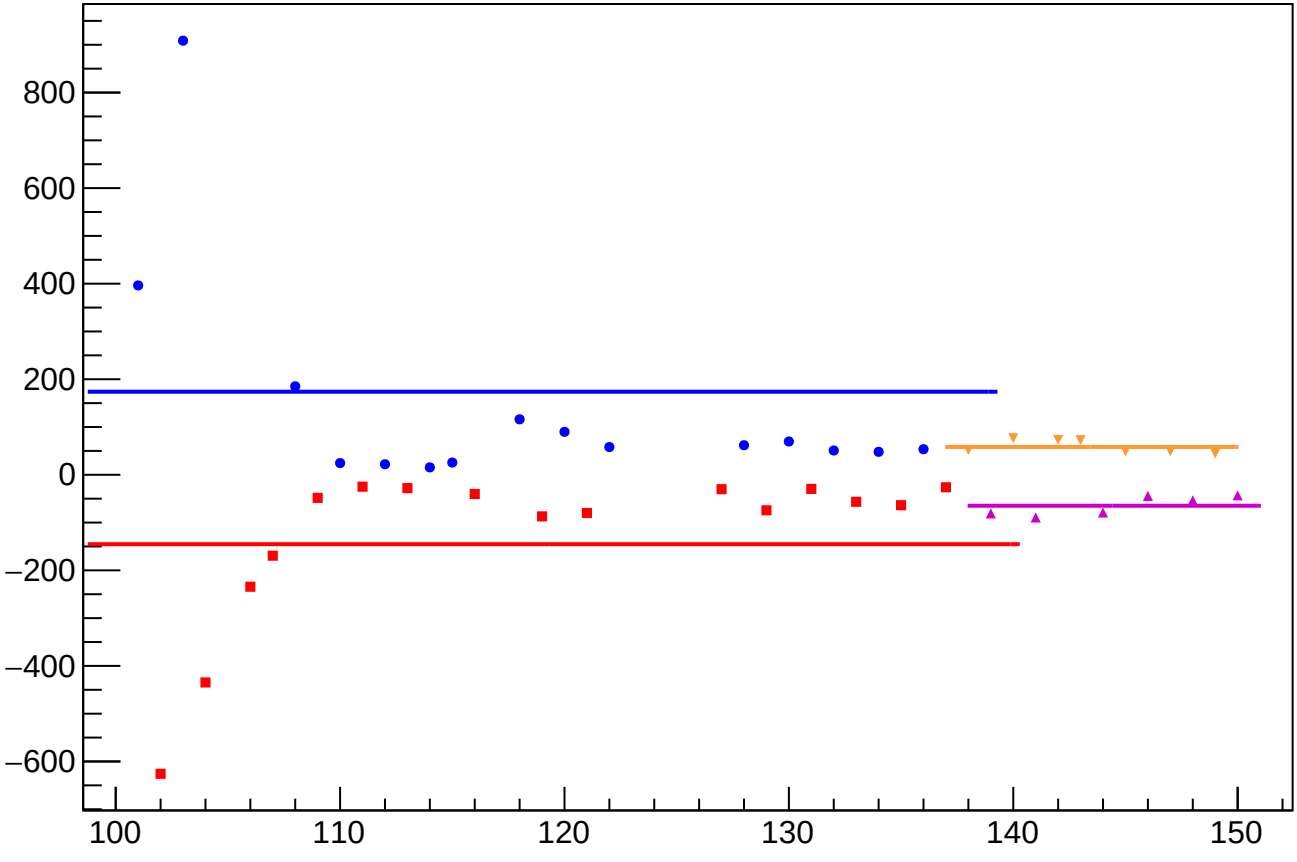
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam7_coil6_mean vs Slug, Sign Corrected



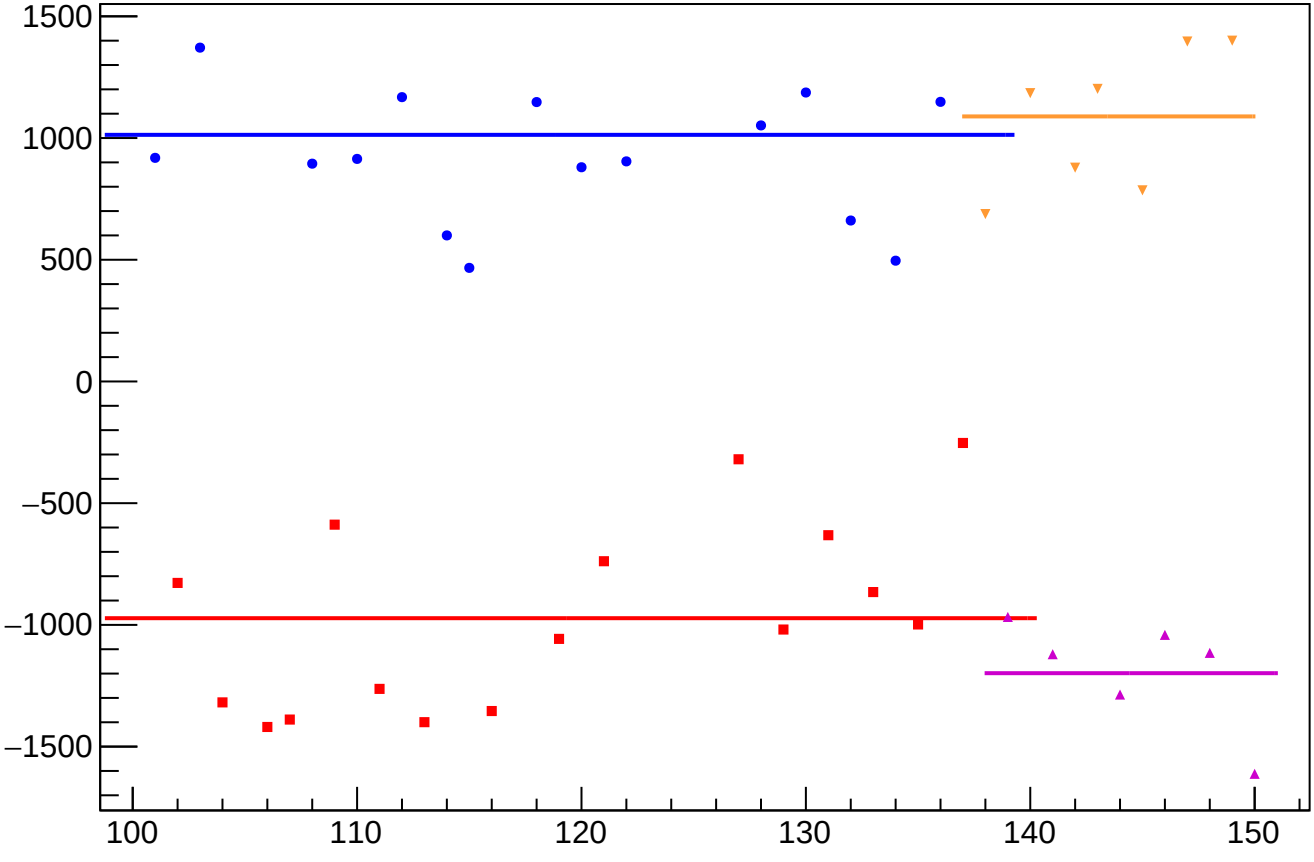
Left: -30.848+/-0.000 χ^2/NDF: 2403234803369292
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895
Left Out: 443.188+/-0.000 χ^2/NDF:5753325972254686398267158593693286400.0/6
In: -64.464+/-0.000 χ^2/NDF:20651049904545617
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 39.647+/-0.000 χ^2/NDF:19893726465420857
Left In: -507.656+/-0.000 χ^2/NDF:199103855775163869707851454839835852 8.0/5
All: -11.942+/-0.000 χ^2/NDF: 411801606476

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -3.080+/-0.000 χ^2/NDF: 4156547703324378
Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14
Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637
Left Out: 58.267+/-0.000 χ^2/NDF:8266416023913290377580833270661120 0.0/6
In: 68.509+/-0.000 χ^2/NDF:5820352493399243 40
Right Out: -145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15
Out: -56.468+/-0.000 χ^2/NDF:3465978813132232
Left In: -64.786+/-0.000 χ^2/NDF:1786365909096524324592372313583779 84.0/5
All: 5.461+/-0.000 χ^2/NDF: 10201928164361

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610933 7600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

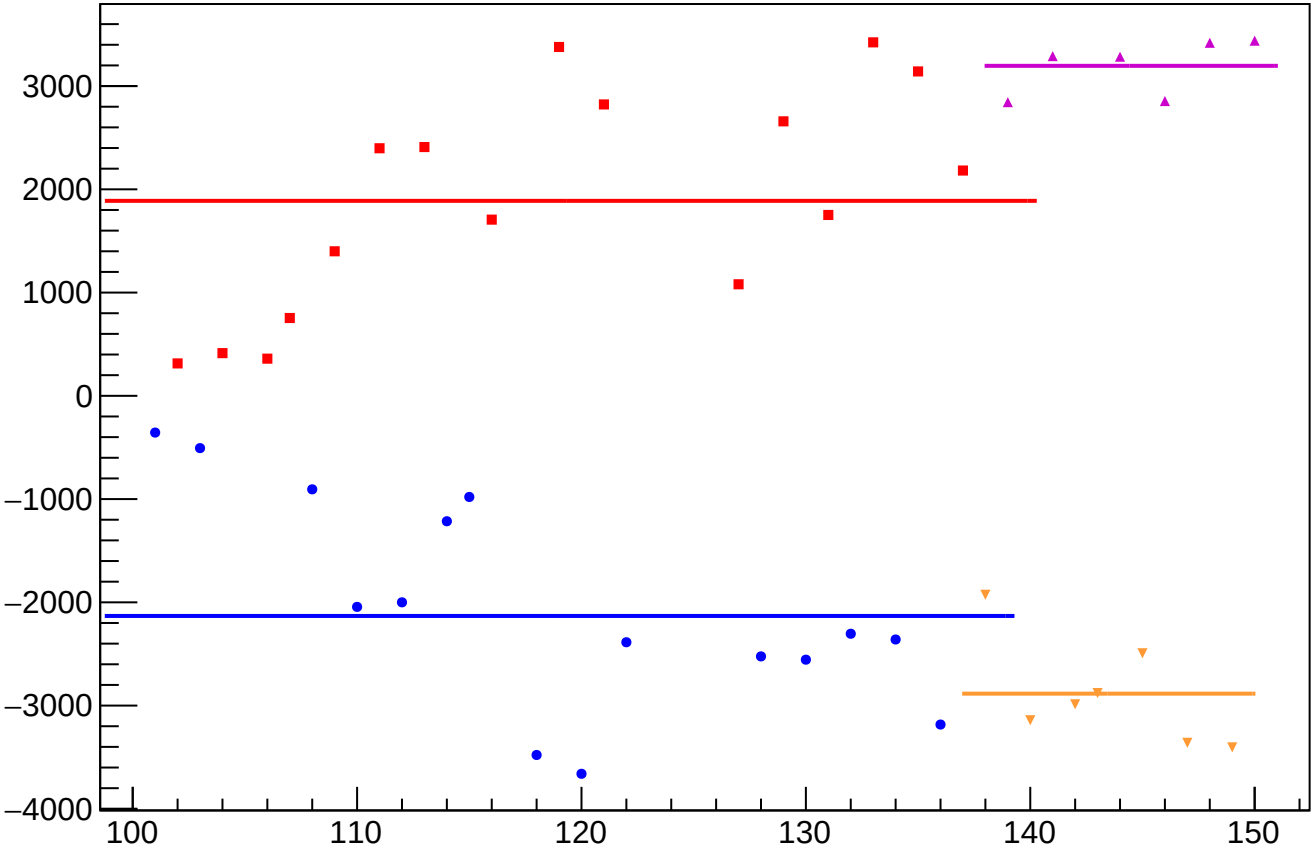
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245332 2752.0/5

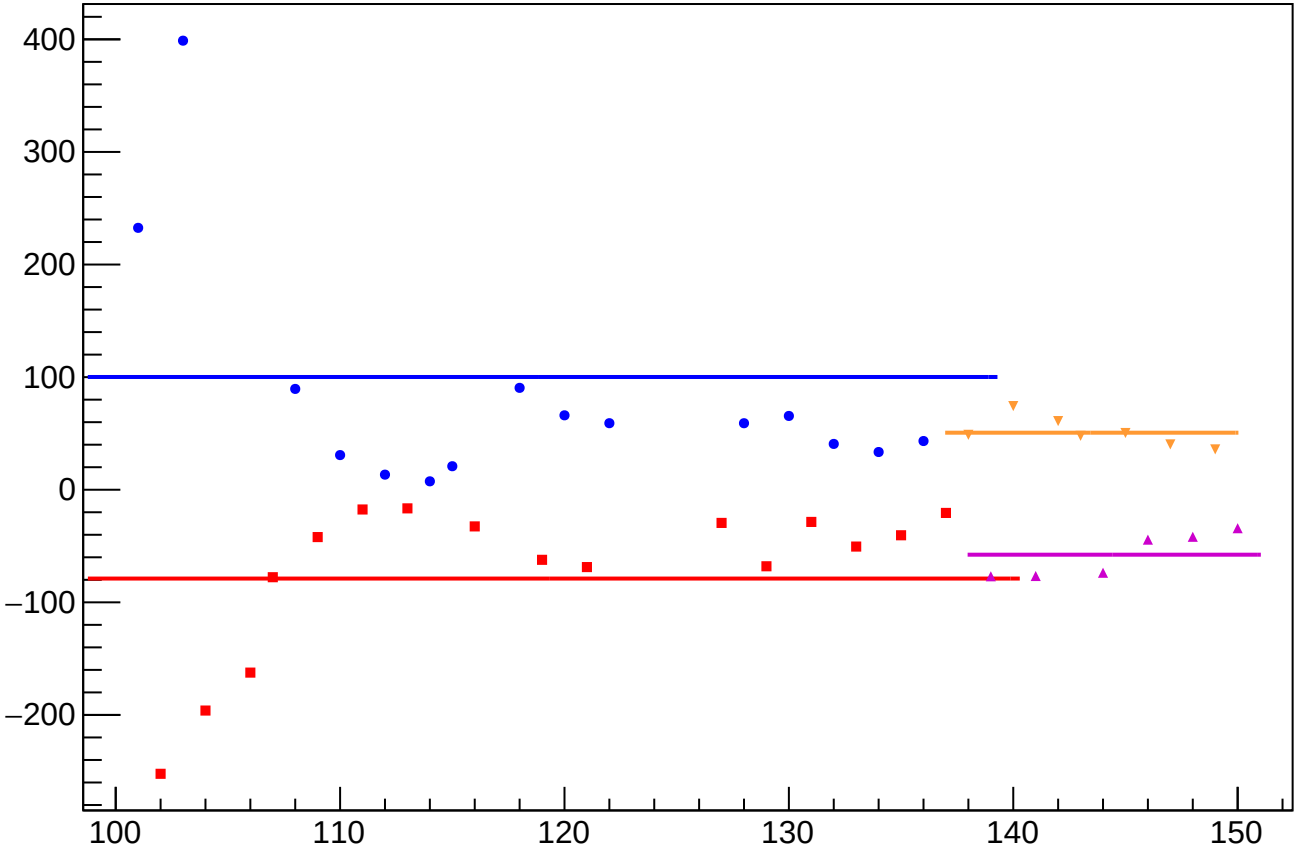
All: -18.777+/-0.000 χ^2/NDF: 281804951451

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 146.956+/-0.000 χ^2/NDF: 9671874267594439
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -2884.400+/-0.000 χ^2/NDF:1302481400192124496310719409487305768 96.0/6
In: 220.277+/-0.000 χ^2/NDF:8886618550196917
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -193.369+/-0.000 χ^2/NDF:754967806446978
Left In: 3196.038+/-0.000 χ^2/NDF:3072870393789354237417116117521714380 8.0/5
All: 11.602+/-0.000 χ^2/NDF: 1653659754313

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -3.356+/-0.000 χ^2/NDF: 32680075698197765

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 50.661+/-0.000 χ^2/NDF:7837674415703720171913723116519424 0.0/6

In: 30.458+/-0.000 χ^2/NDF:15120342356964272 6

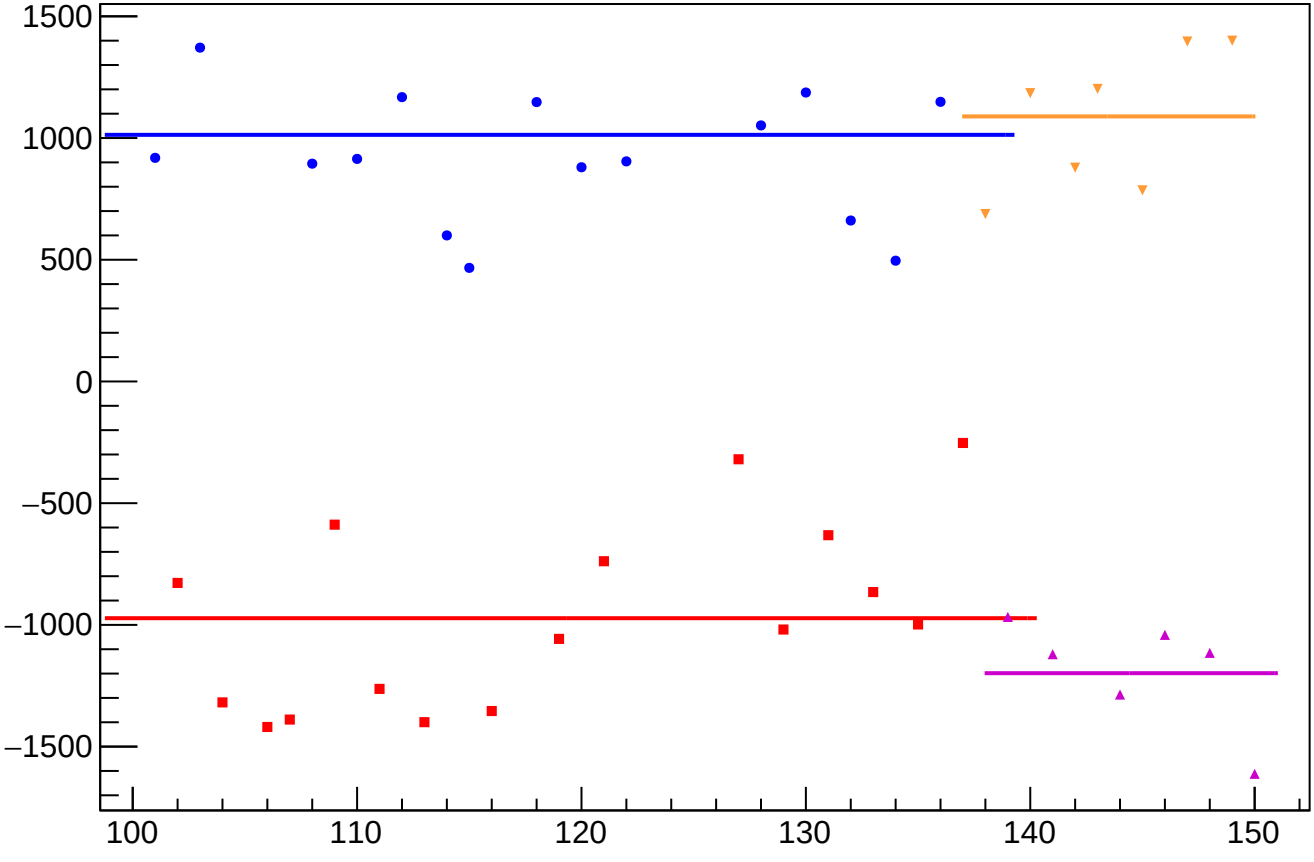
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -22.377+/-0.000 χ^2/NDF:8485697144315831

Left In: -57.690+/-0.000 χ^2/NDF:16952695720267019589987681061096652 8.0/5

All: 3.804+/-0.000 χ^2/NDF: 2524249616256 8

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -51.439+/-0.000 χ^2/NDF: 1408598003071595

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1088.810+/-0.000 χ^2/NDF:3918217196770783980281061642610 9337600.0/6

In: 36.812+/-0.000 χ^2/NDF:1456739574578651 63

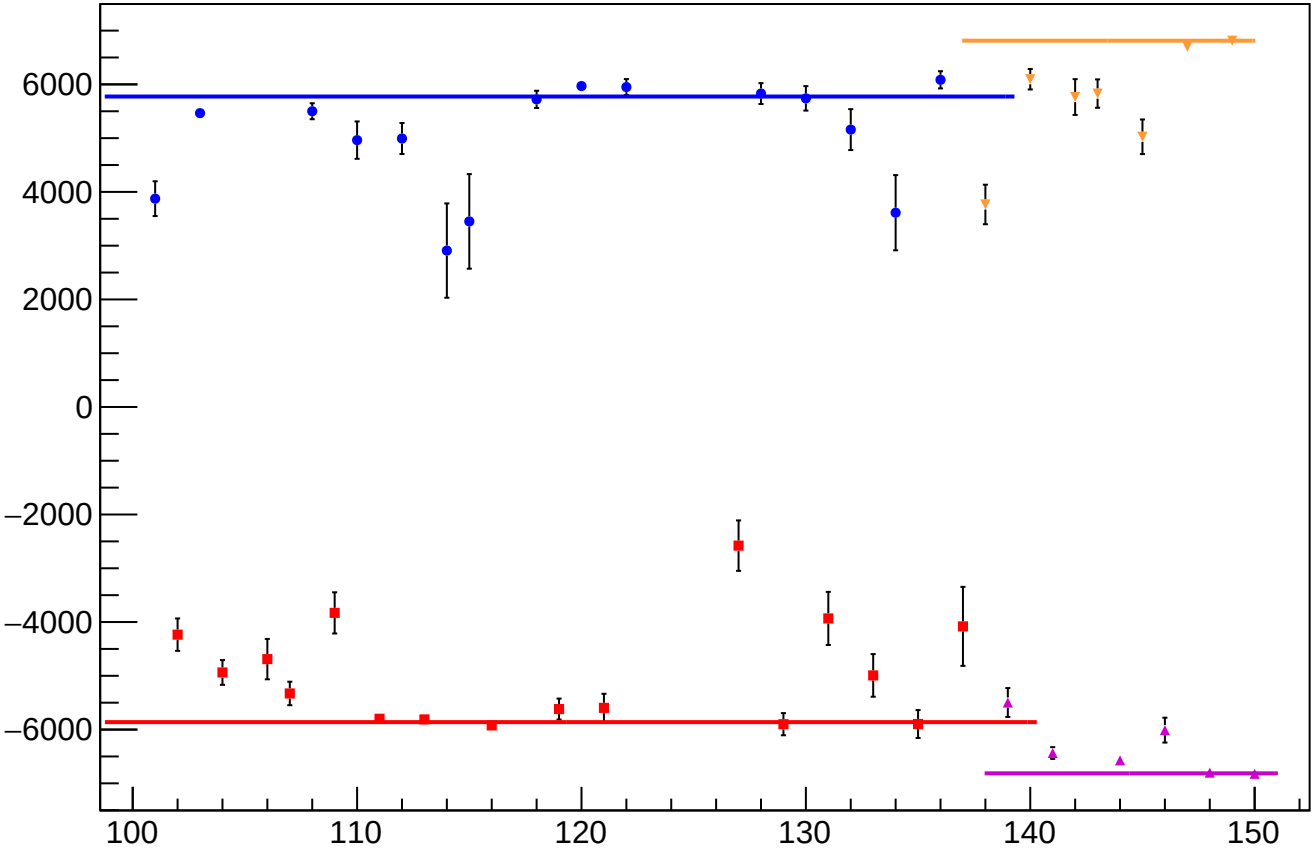
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -73.380+/-0.000 χ^2/NDF:1354192220443807

Left In: -1198.357+/-0.000 χ^2/NDF:2371856675694636047196626713245 3322752.0/5

All: -18.777+/-0.000 χ^2/NDF: 281804951451

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:139.1/6

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6813.728+/-0.240 χ^2/NDF:1993.6/5

Left: -1722.177+/-0.190 χ^2/NDF: 1203824917.4/12

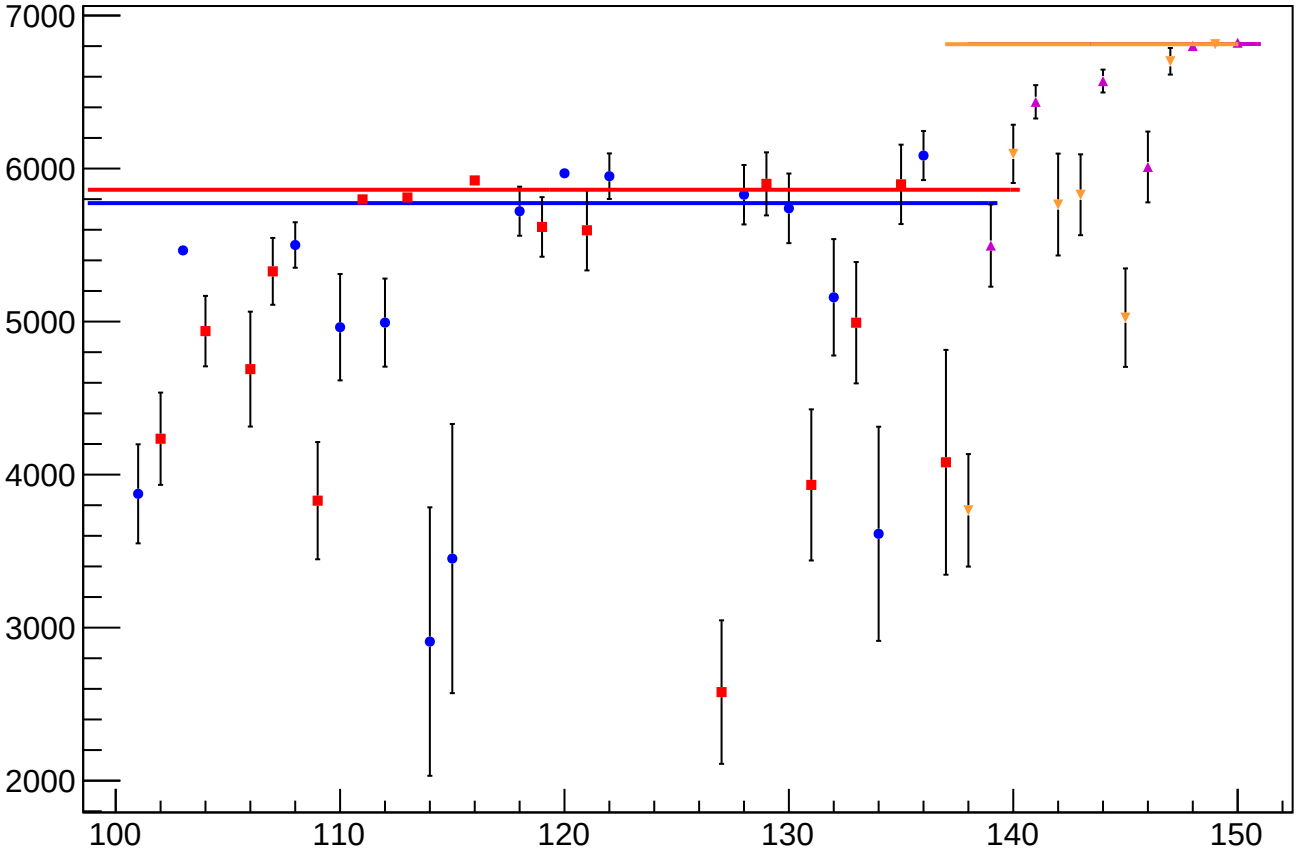
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: 1197.308+/-0.145 χ^2/NDF:1751568429.3/20

Out: -3734.570+/-0.127 χ^2/NDF:1383884021.5/22

All: -1583.285+/-0.096 χ^2/NDF: 3789894756

dit_run_rms 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:139.1/6

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6813.728+/-0.240 χ^2/NDF:1993.6/5

Left: 6813.314+/-0.190 χ^2/NDF: 2140.6/12

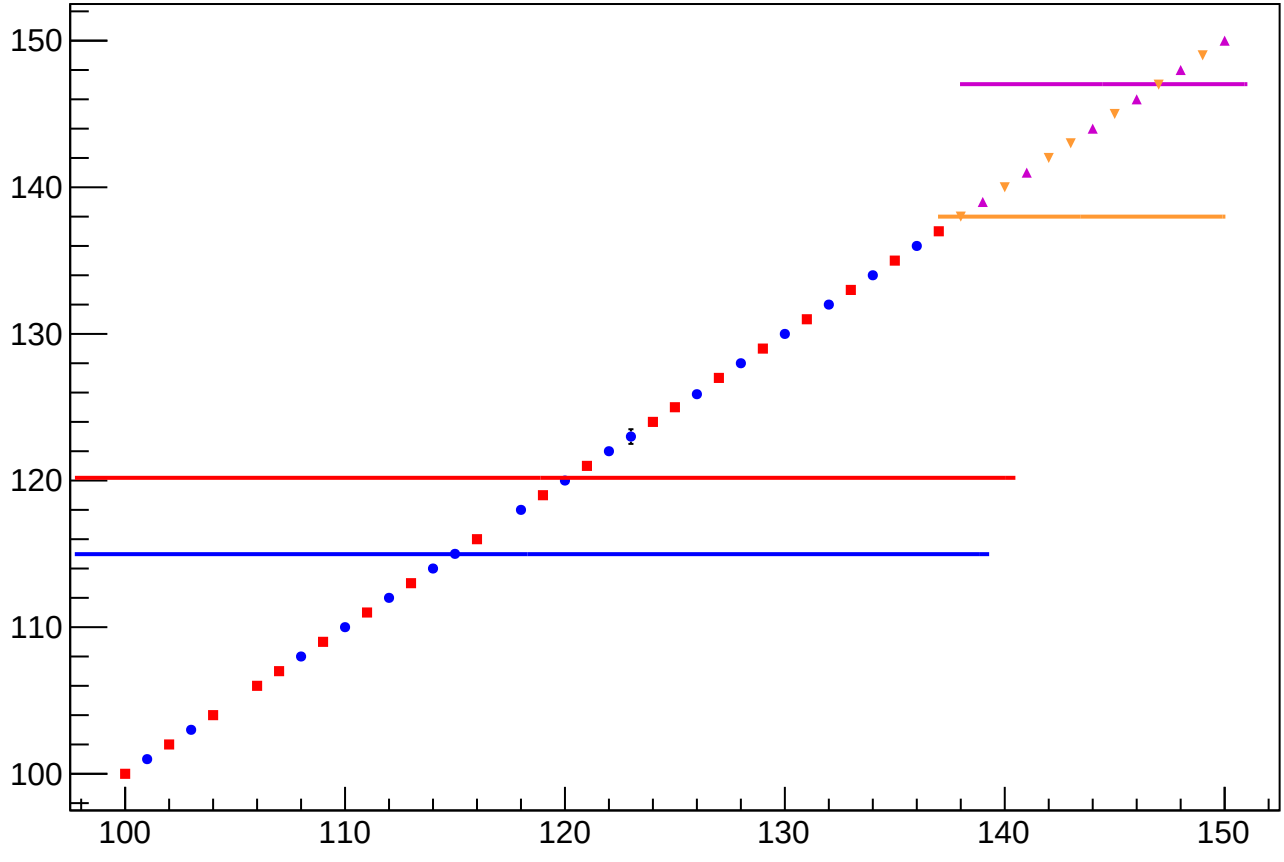
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6152.108+/-0.145 χ^2/NDF:13765228.8/20

Out: 6021.079+/-0.127 χ^2/NDF:7973392.0/22

All: 6078.234+/-0.096 χ^2/NDF: 22200556.7/4

dit_slug_slope vs Slug, Sign Corrected



Left: 144.306+/-0.000 χ^2/NDF: 741295972324643

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 138.000+/-0.000 χ^2/NDF:23267.0/6

In: 119.145+/-0.000 χ^2/NDF:3113139225560561

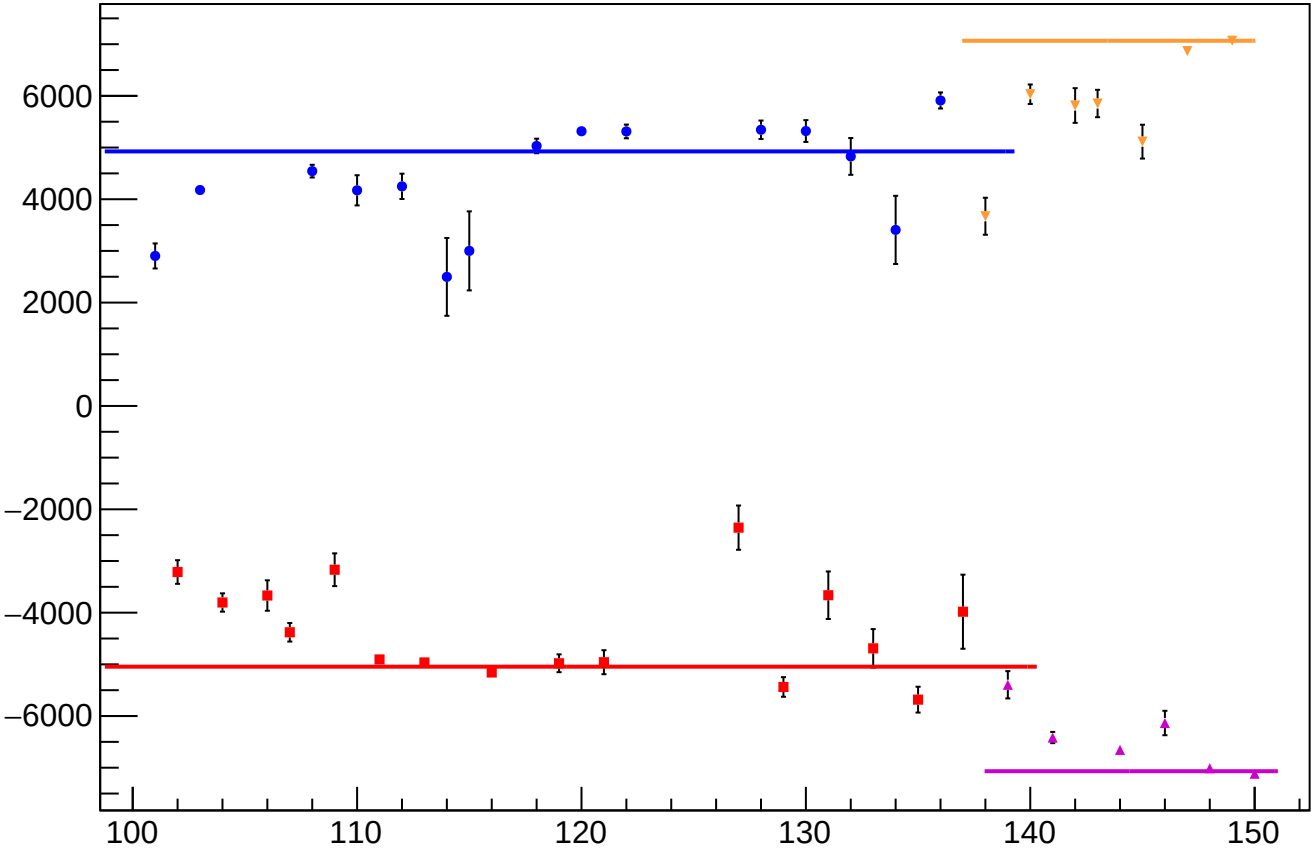
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 121.722+/-0.000 χ^2/NDF:798732859233595

Left In: 147.034+/-0.000 χ^2/NDF:198292957303957468928771778150 4.0/5

All: 120.162+/-0.000 χ^2/NDF: 39563425494

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.448+/-1.478 χ^2/NDF:195.6/6

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7067.867+/-1.187 χ^2/NDF:2108.2/5

Left: -1522.858+/-0.926 χ^2/NDF: 55599692.9/12

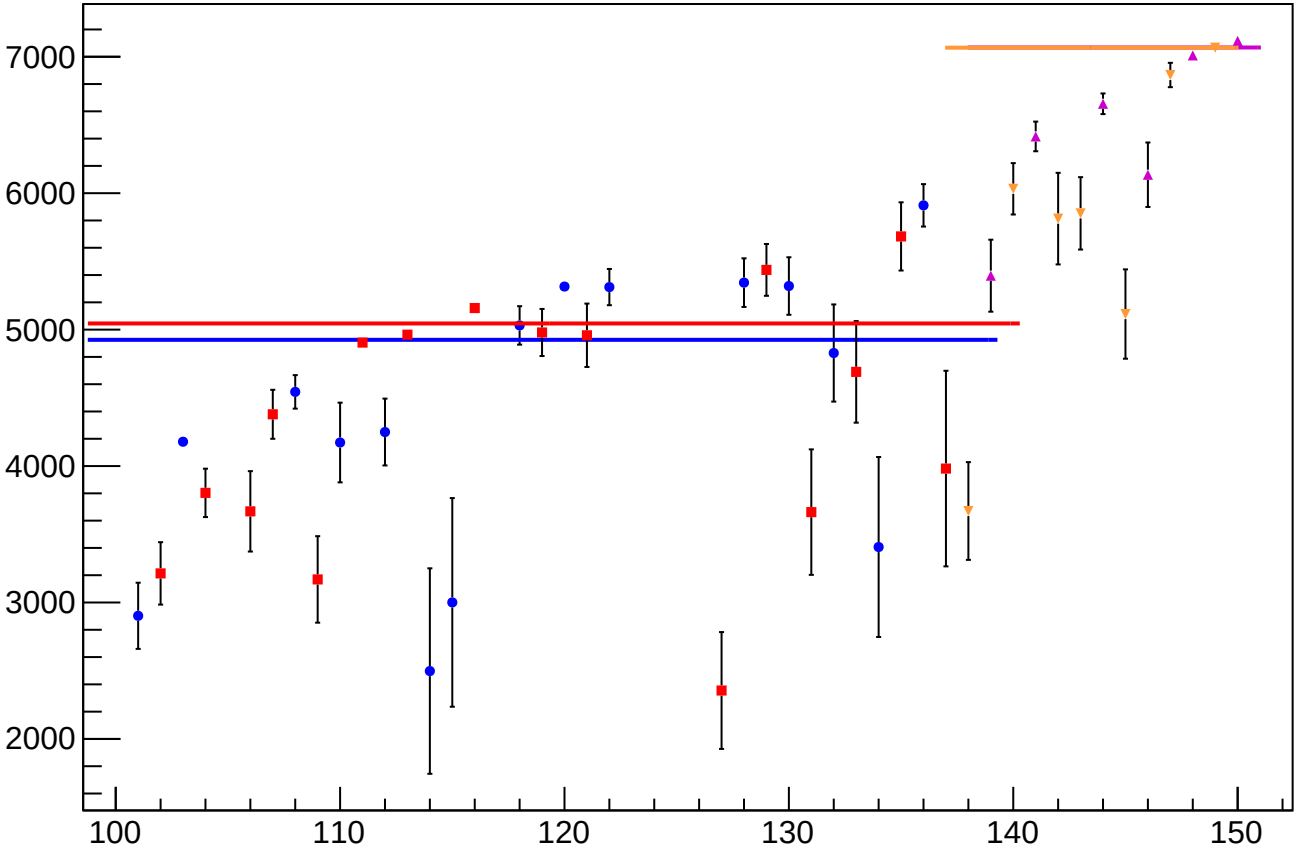
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: 312.221+/-0.736 χ^2/NDF:63120568.8/20

Out: -2990.977+/-0.609 χ^2/NDF:55814726.0/22

All: -1650.417+/-0.469 χ^2/NDF: 130891535.1

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.448+/-1.478 χ^2/NDF:195.6/6

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7067.867+/-1.187 χ^2/NDF:2108.2/5

Left: 7067.310+/-0.926 χ^2/NDF: 2304.3/12

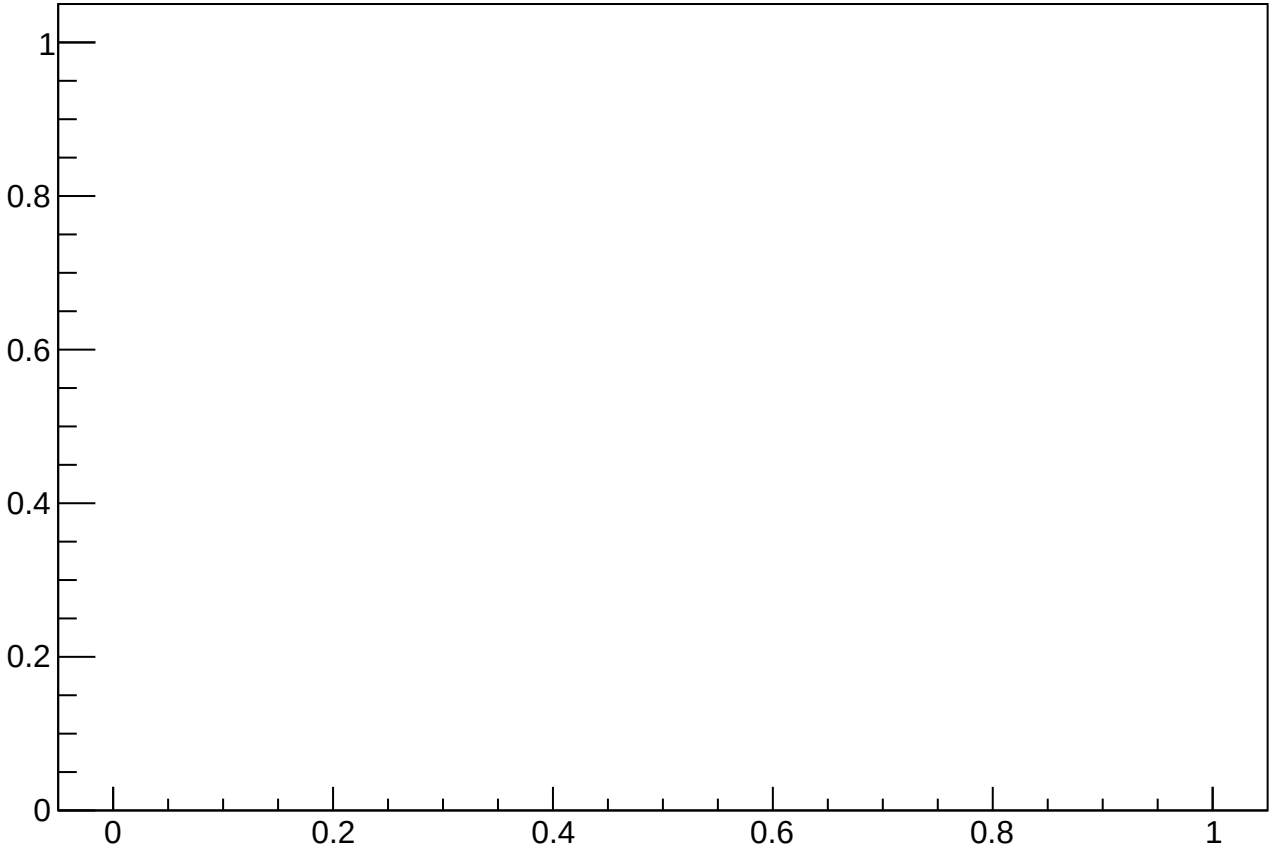
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 5749.426+/-0.736 χ^2/NDF:2336981.6/20

Out: 5388.039+/-0.609 χ^2/NDF:1583958.4/22

All: 5534.703+/-0.469 χ^2/NDF: 4064050.2/43

dit_scandata1_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

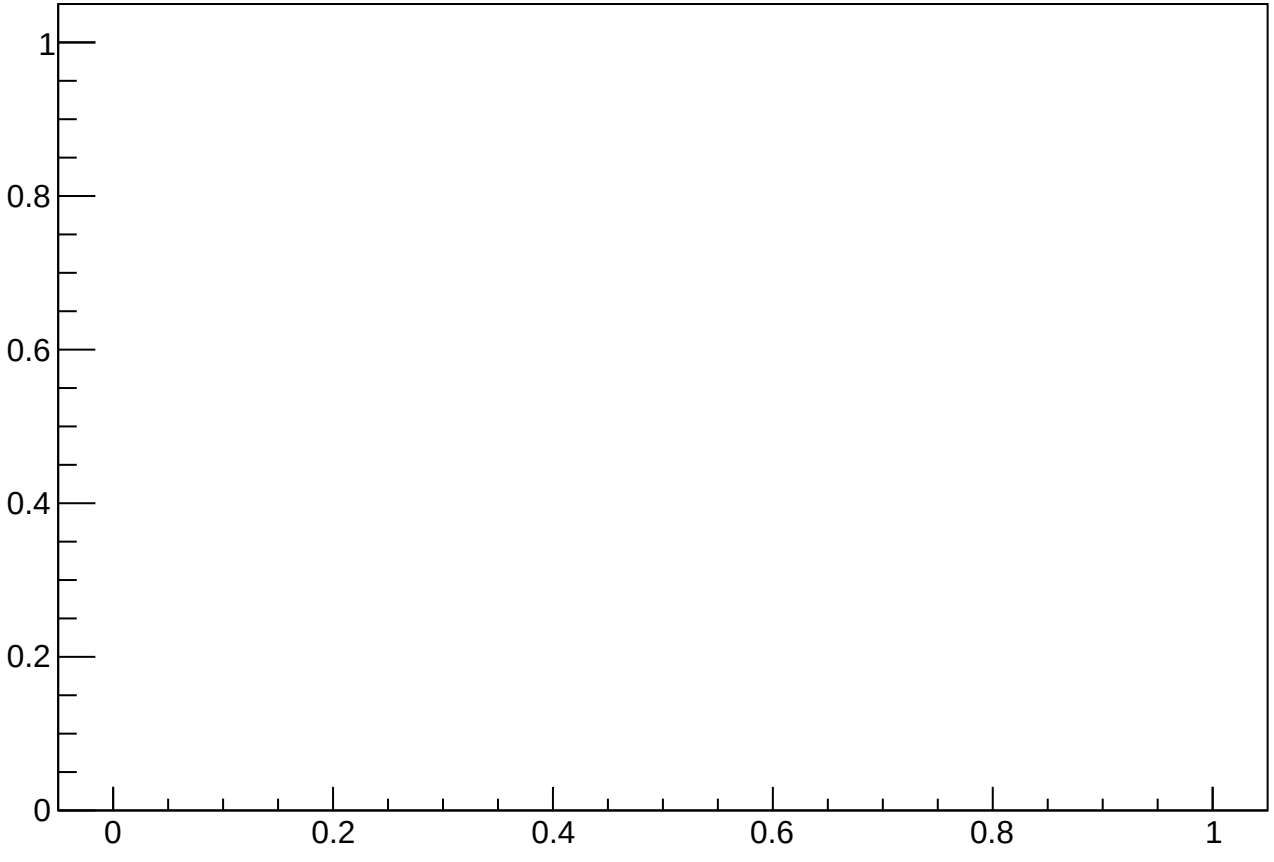
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

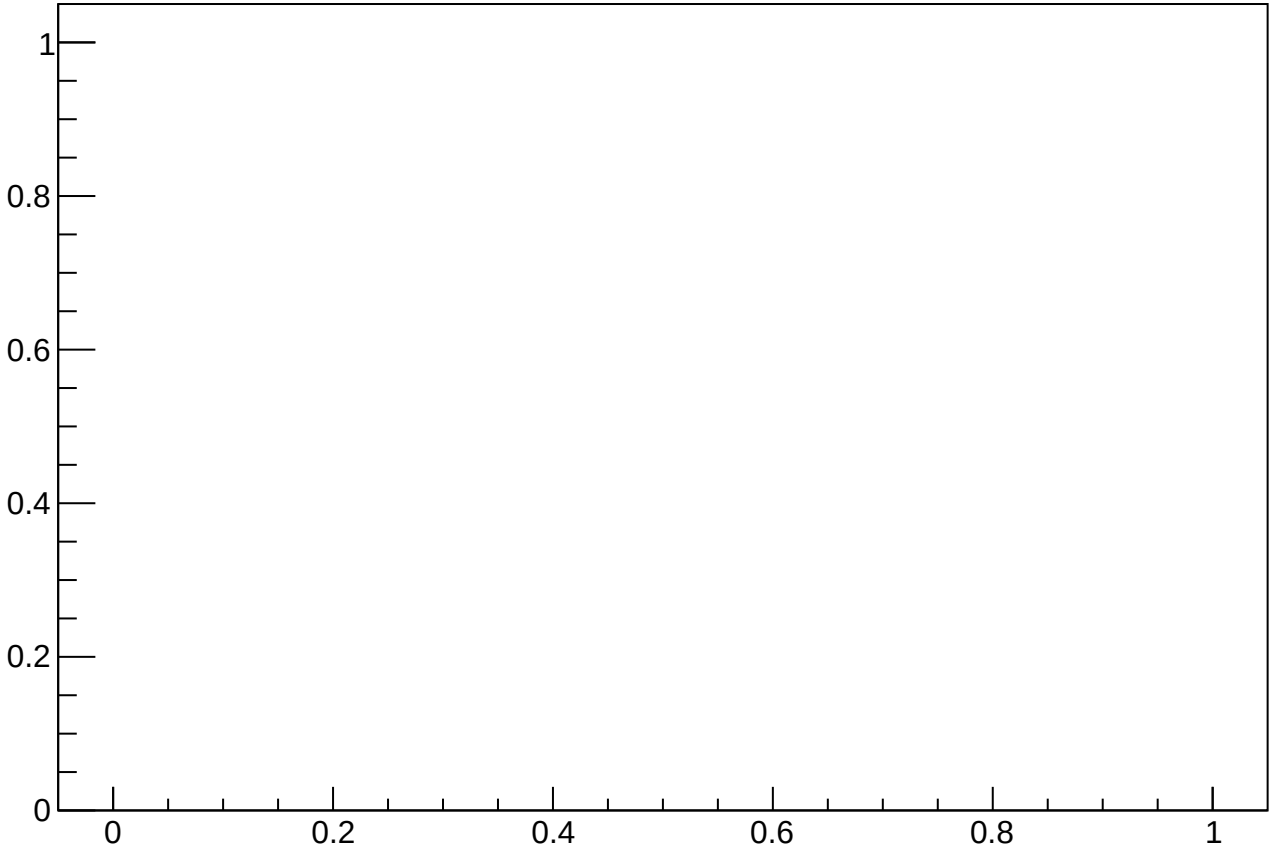
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

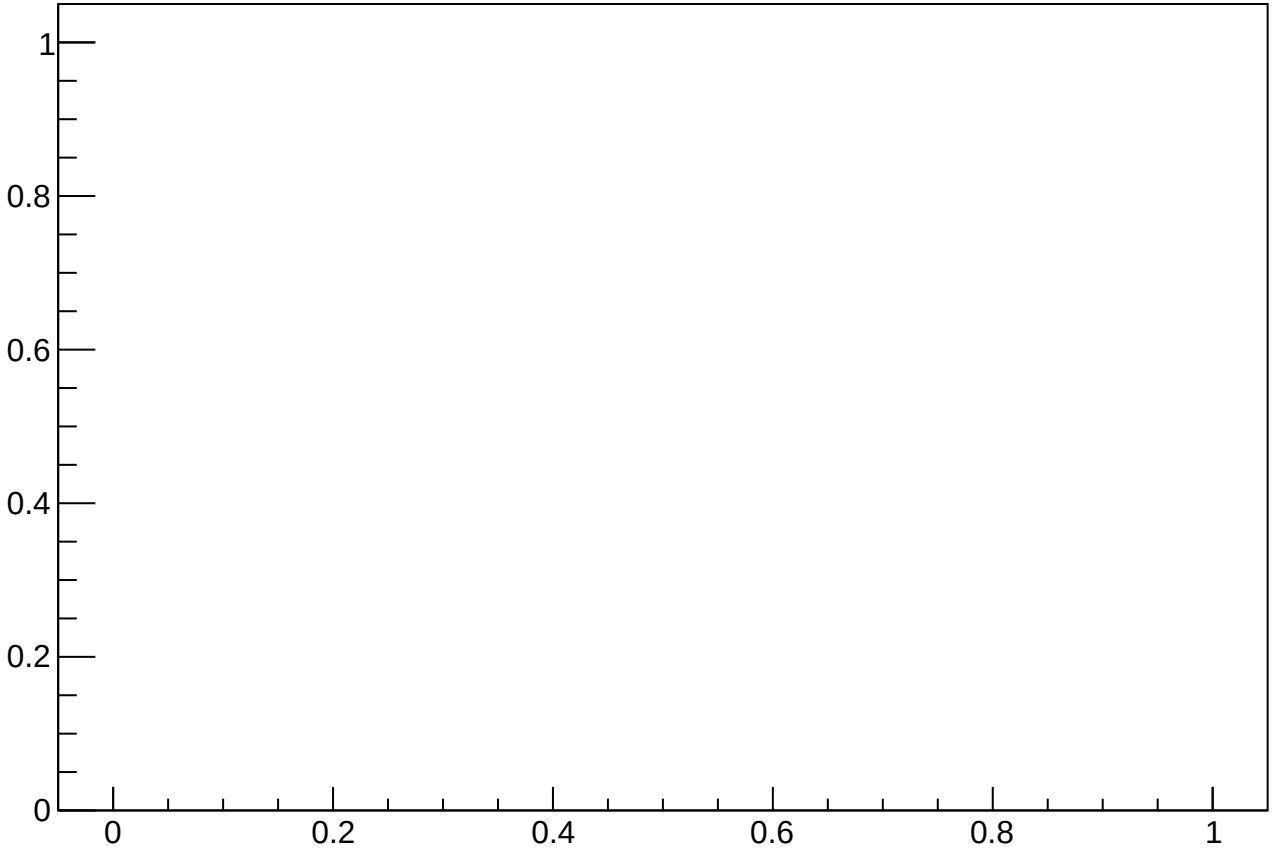
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

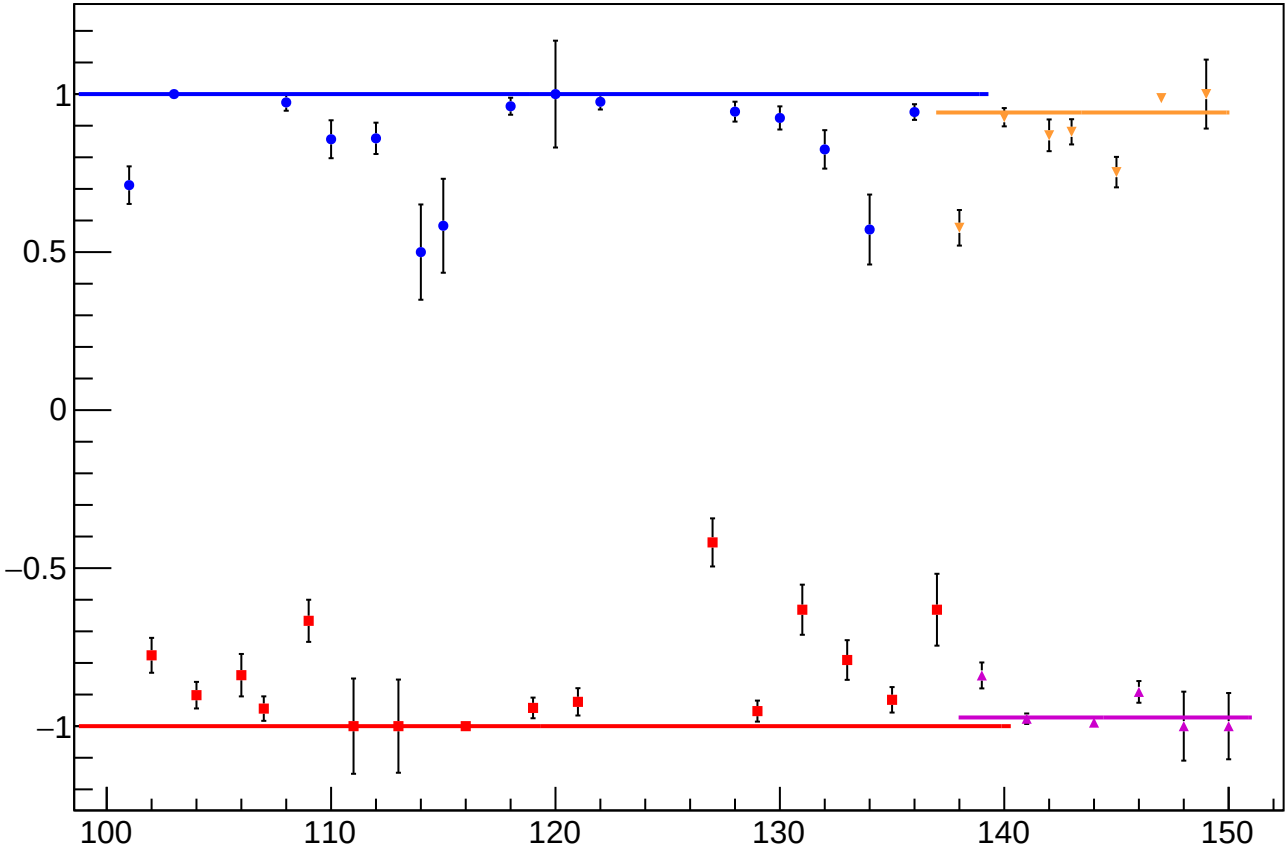
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.942+/-0.010 χ^2/NDF:74.8/6

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -0.973+/-0.009 χ^2/NDF:18.3/5

Left: -0.190+/-0.007 χ^2/NDF: 19870.7/12

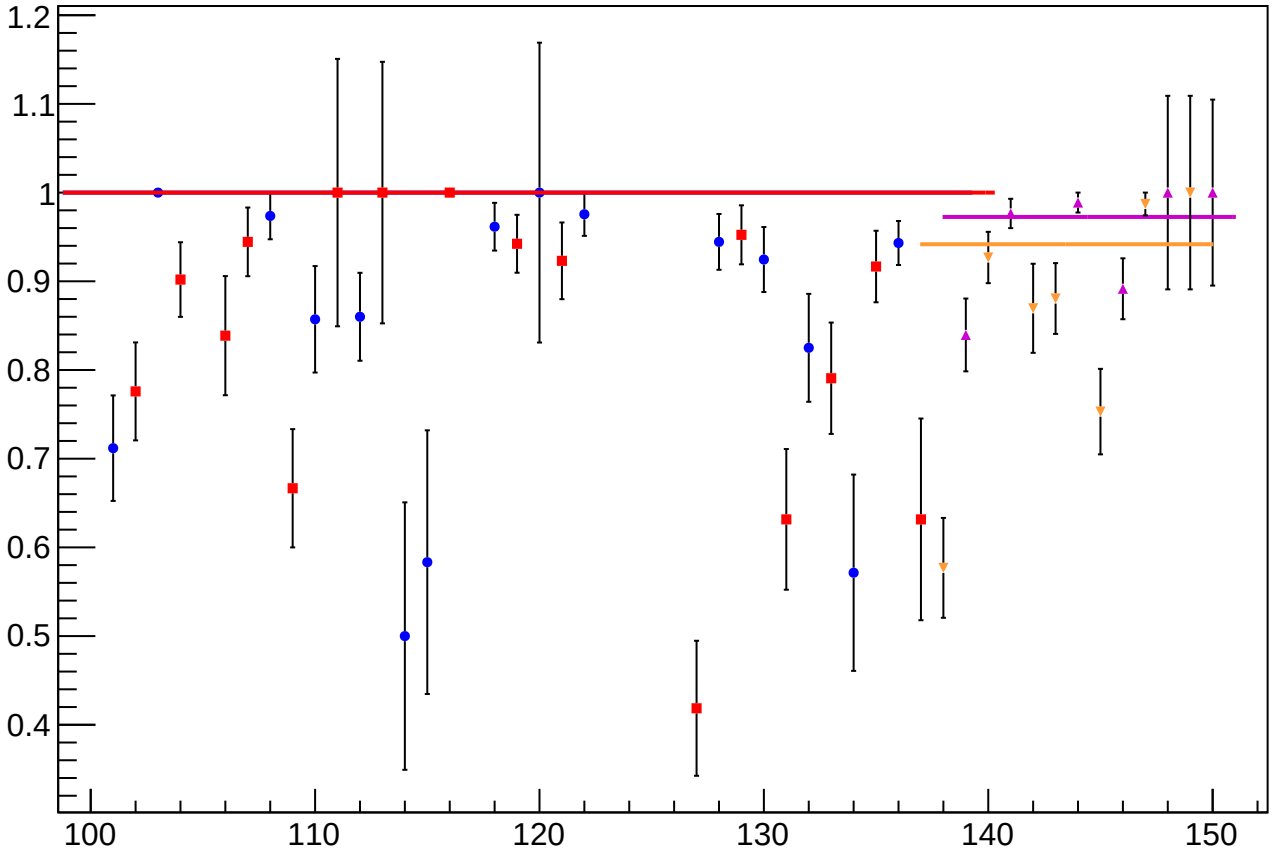
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: 1.000+/-0.000 χ^2/NDF:51450.9/20

Out: -1.000+/-0.000 χ^2/NDF:34677.7/22

All: 0.398+/-0.000 χ^2/NDF: 14173250084479

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.942+/-0.010 χ^2/NDF:74.8/6

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 0.973+/-0.009 χ^2/NDF:18.3/5

Left: 0.960+/-0.007 χ^2/NDF: 98.3/12

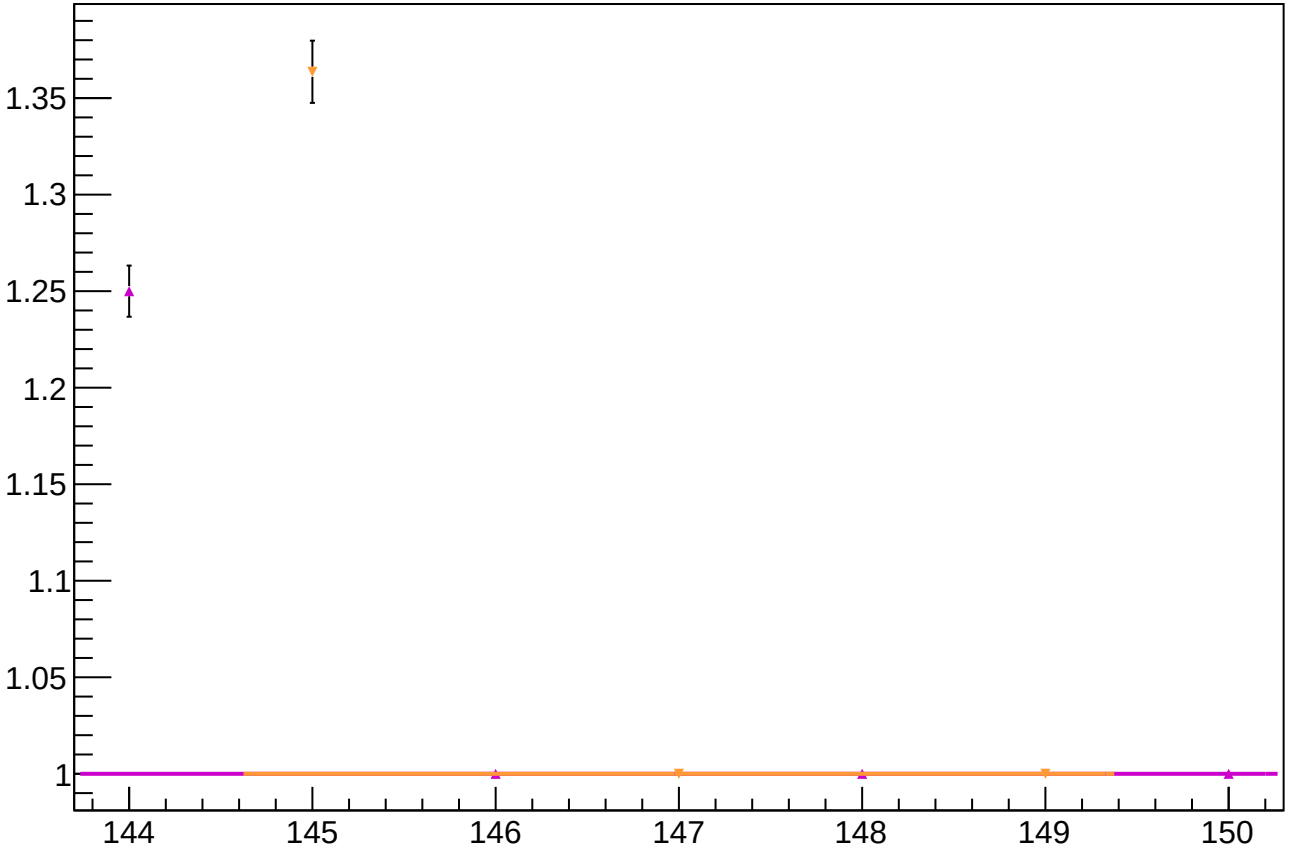
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:124.2/20

Out: 1.000+/-0.000 χ^2/NDF:274.7/22

All: 1.000+/-0.000 χ^2/NDF: 481.8/43

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:646.0/2

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

Left In: 1.000+/-0.000 χ^2/NDF:611.0/3

Left: 1.000+/-0.000 χ^2/NDF: 3259.7/6

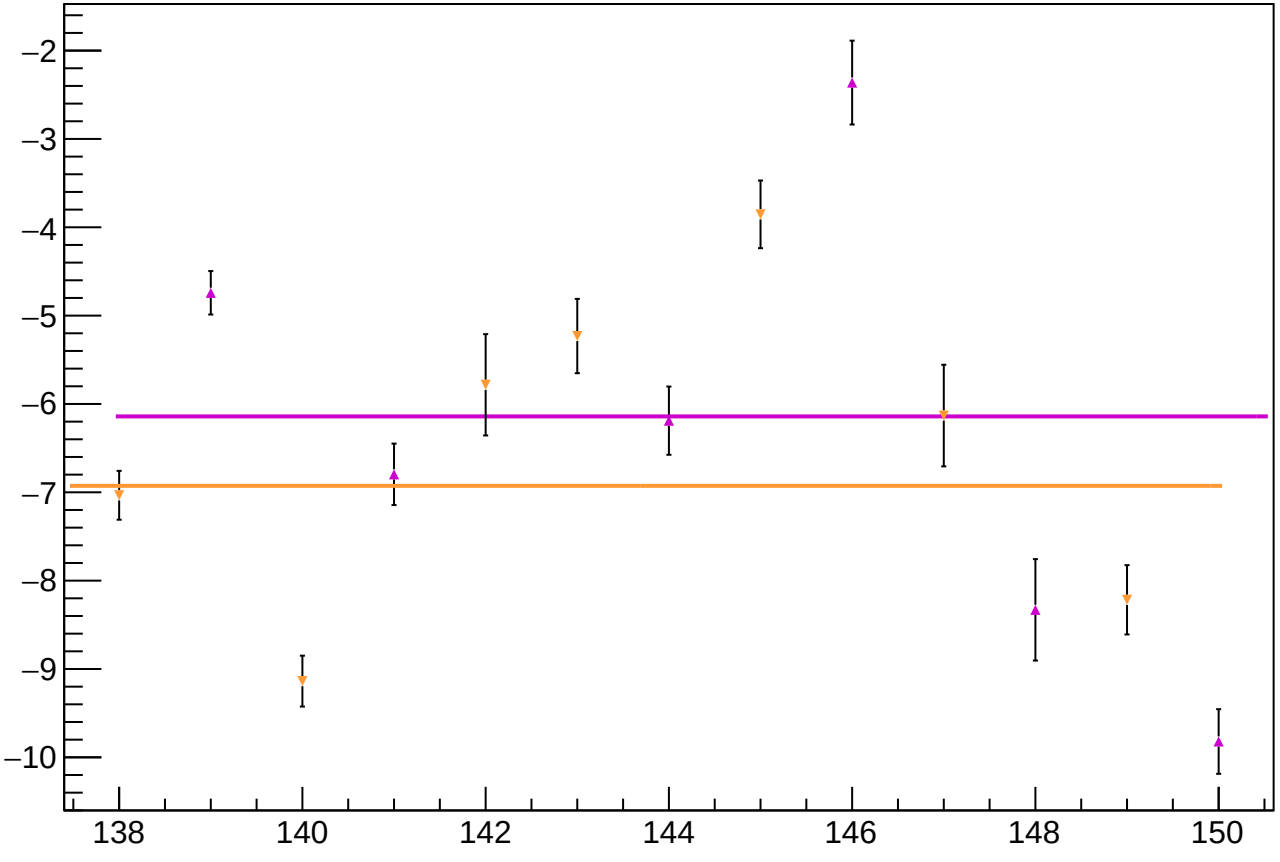
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:611.0/3

Out: 1.000+/-0.000 χ^2/NDF:646.0/2

All: 1.000+/-0.000 χ^2/NDF: 3259.7/6

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.927+/-0.141 χ^2/NDF:156.3/6

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

Left In: -6.141+/-0.147 χ^2/NDF:215.1/5

Left: -6.549+/-0.102 χ^2/NDF: 386.4/12

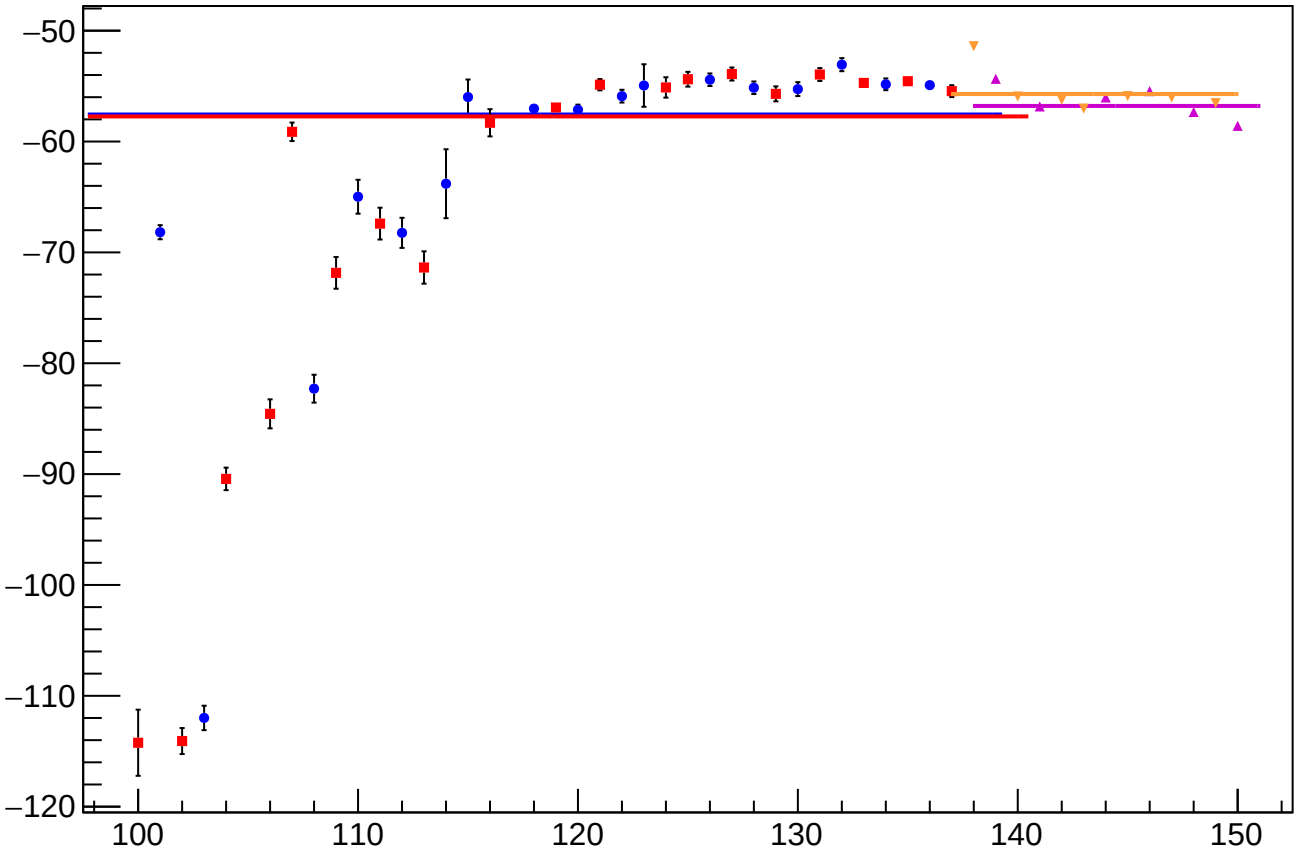
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.141+/-0.147 χ^2/NDF:215.1/5

Out: -6.927+/-0.141 χ^2/NDF:156.3/6

All: -6.549+/-0.102 χ^2/NDF: 386.4/12

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -55.715+/-0.109 χ^2/NDF:213.8/6

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -56.789+/-0.117 χ^2/NDF:112.2/5

Left: -56.213+/-0.080 χ^2/NDF: 371.0/12

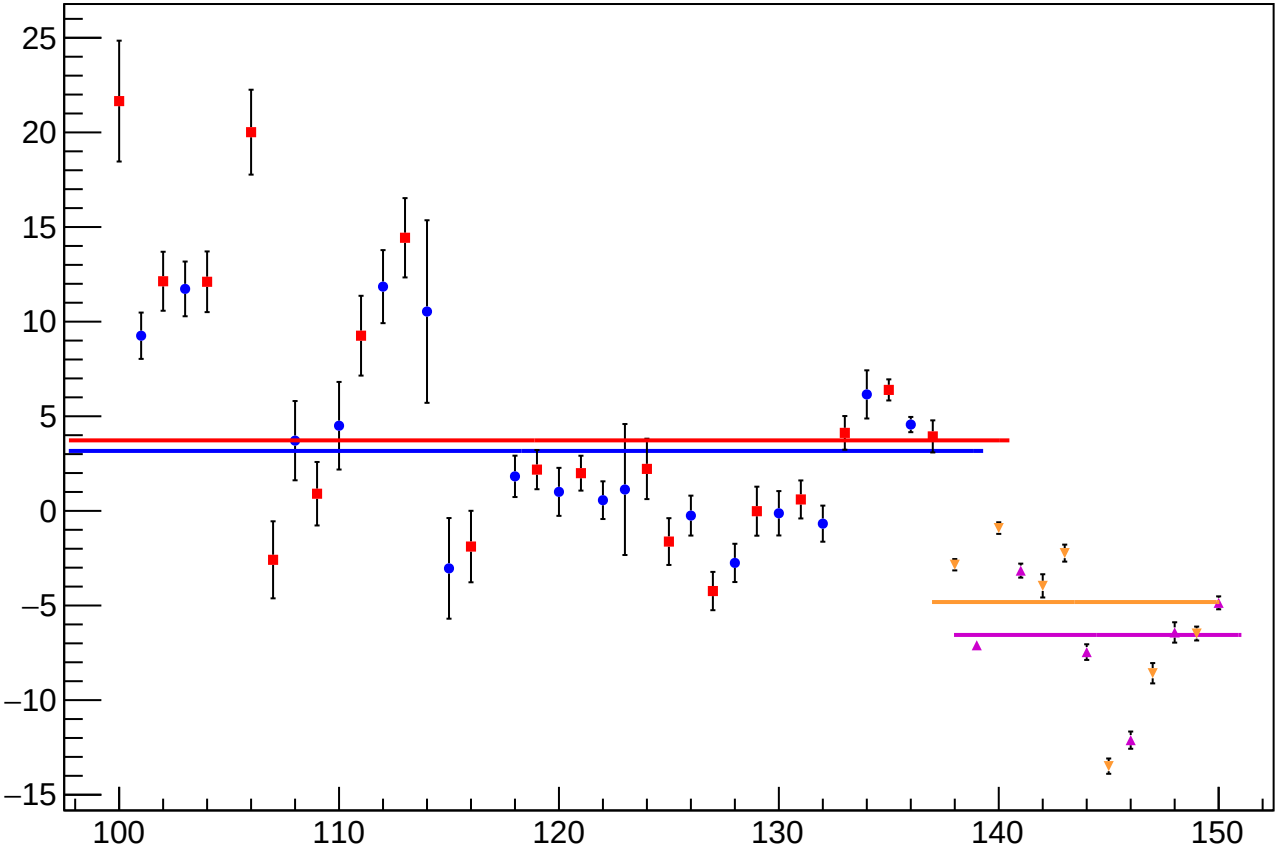
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -57.104+/-0.090 χ^2/NDF:3585.9/22

Out: -56.458+/-0.087 χ^2/NDF:5038.5/25

All: -56.768+/-0.063 χ^2/NDF: 8651.1/48

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -4.817+/-0.147 χ^2/NDF:769.7/6

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -6.555+/-0.151 χ^2/NDF:267.0/5

Left: -5.665+/-0.105 χ^2/NDF: 1105.0/12

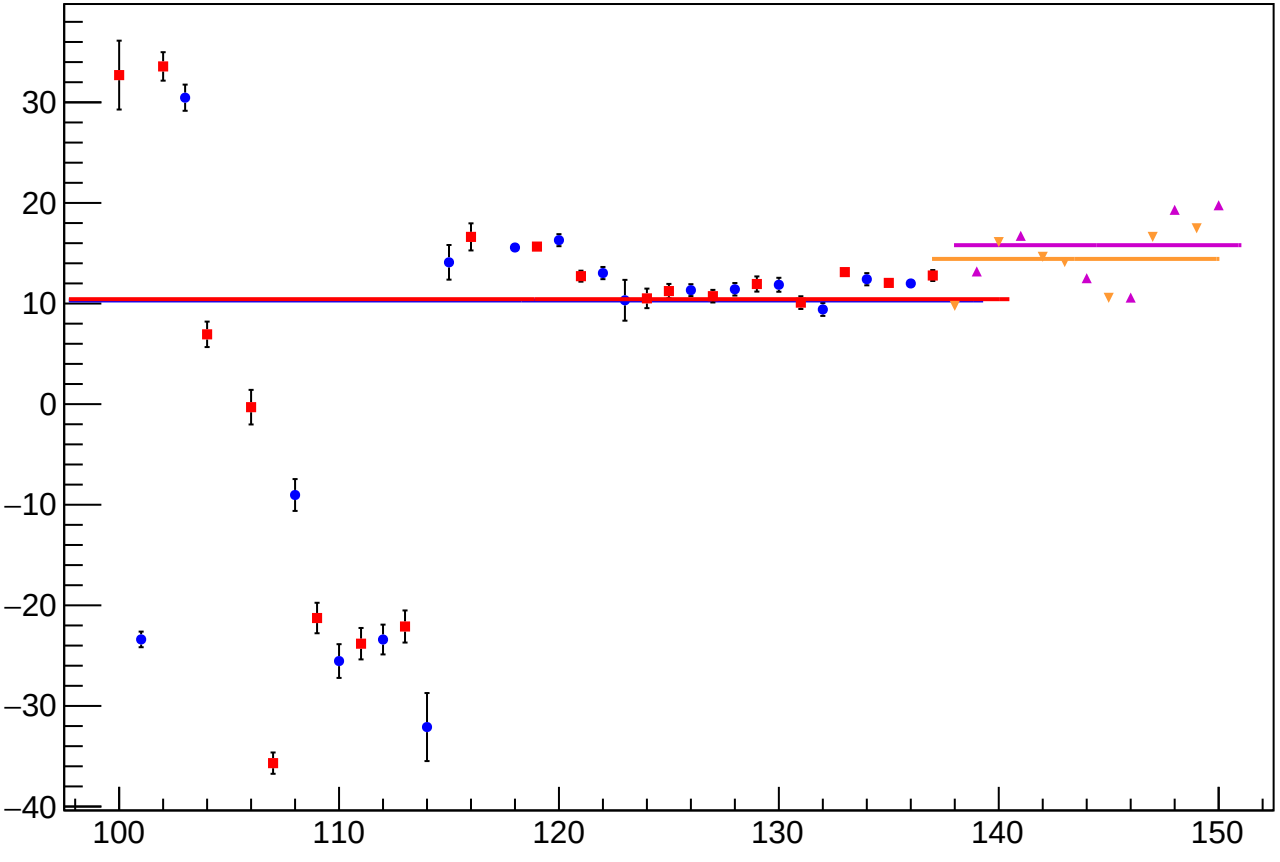
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -4.081+/-0.130 χ^2/NDF:1514.3/22

Out: -2.832+/-0.129 χ^2/NDF:1878.4/25

All: -3.450+/-0.091 χ^2/NDF: 3439.2/48

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 14.437+/-0.131 χ^2/NDF:453.3/6

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 15.801+/-0.140 χ^2/NDF:604.4/5

Left: 15.074+/-0.095 χ^2/NDF: 1108.5/12

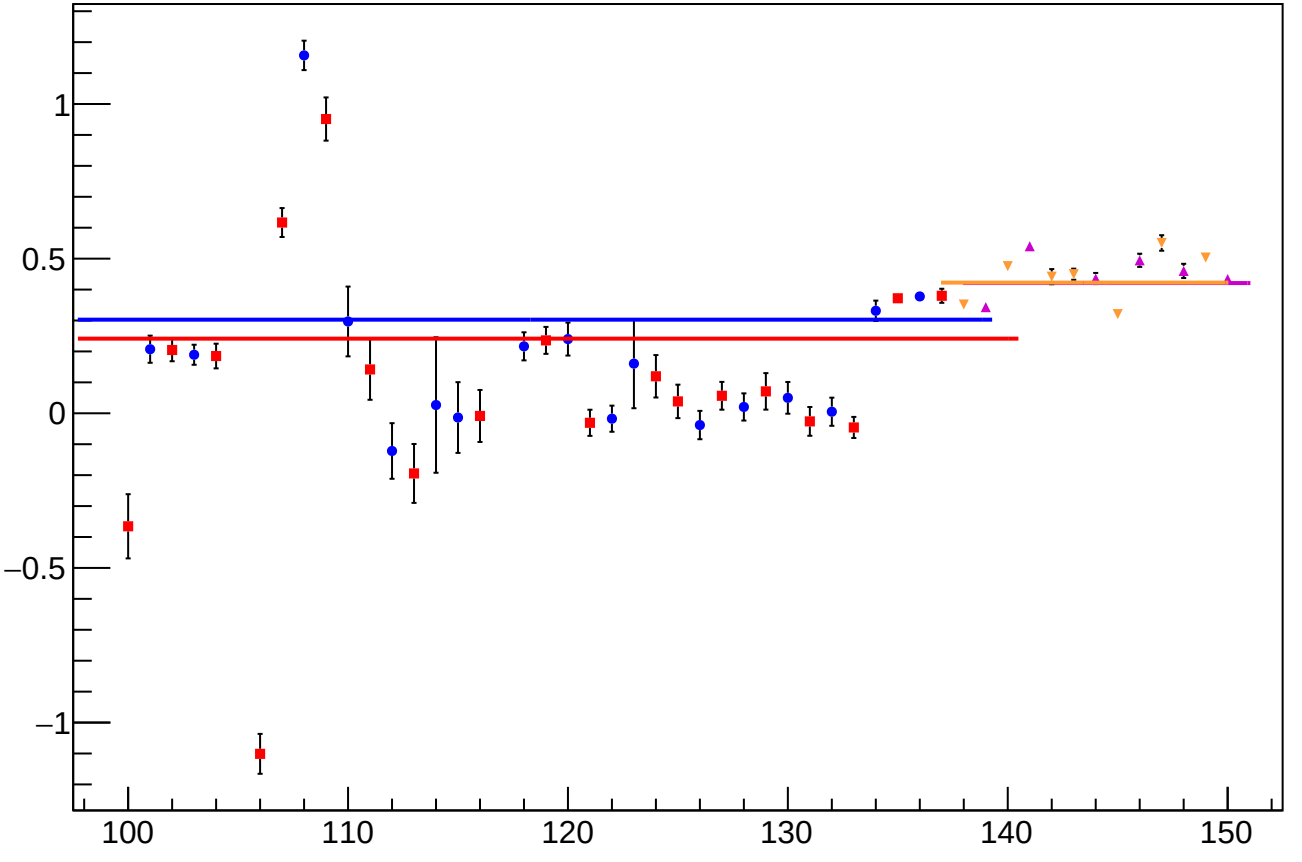
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 13.370+/-0.104 χ^2/NDF:5001.6/22

Out: 12.831+/-0.101 χ^2/NDF:4657.3/25

All: 13.093+/-0.073 χ^2/NDF: 9672.7/48

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.423+/-0.006 χ^2/NDF:150.1/6

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.421+/-0.006 χ^2/NDF:149.0/5

Left: 0.422+/-0.004 χ^2/NDF: 299.2/12

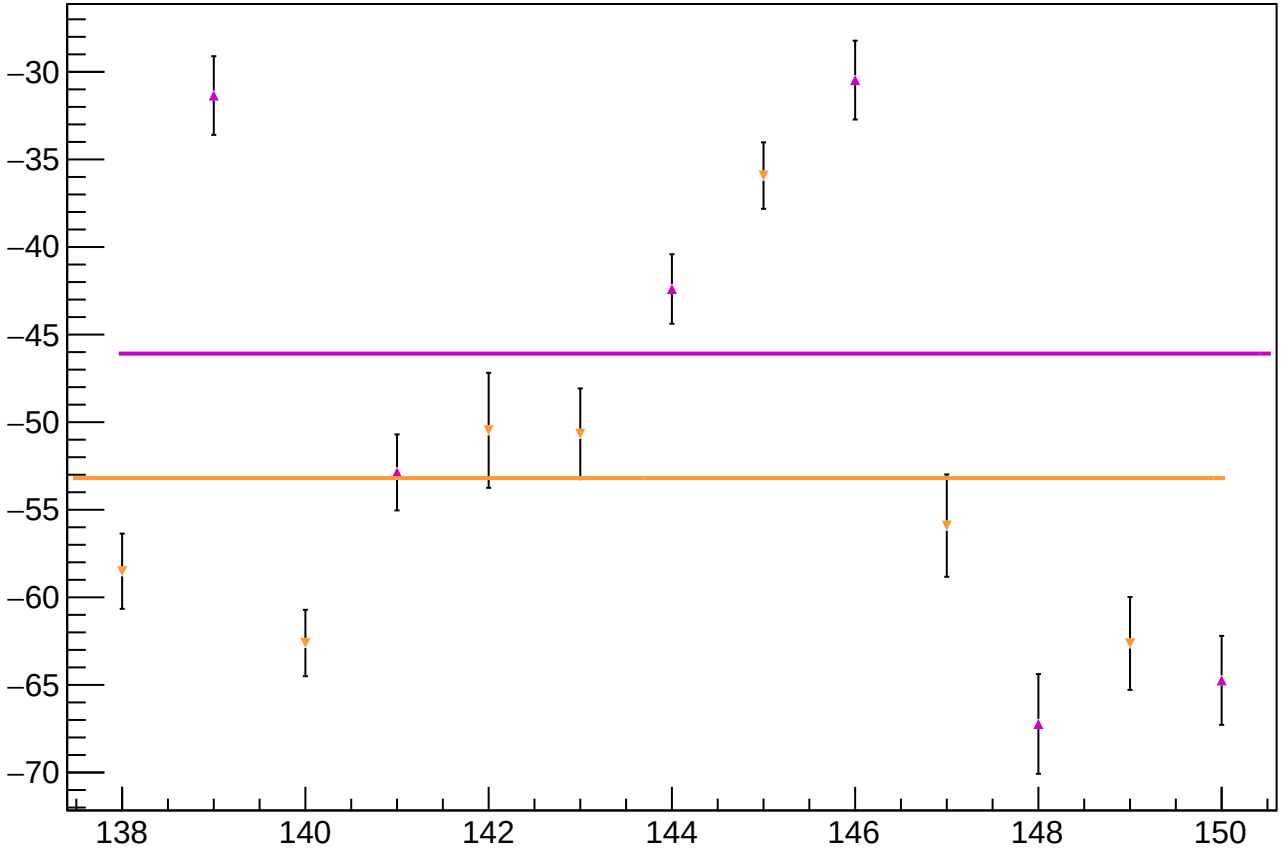
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.380+/-0.005 χ^2/NDF:931.7/22

Out: 0.362+/-0.005 χ^2/NDF:1439.4/25

All: 0.371+/-0.003 χ^2/NDF: 2378.1/48

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -53.190+/-0.886 χ^2/NDF:129.0/6

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

Left In: -46.083+/-0.936 χ^2/NDF:213.6/5

Left: -49.834+/-0.643 χ^2/NDF: 373.0/12

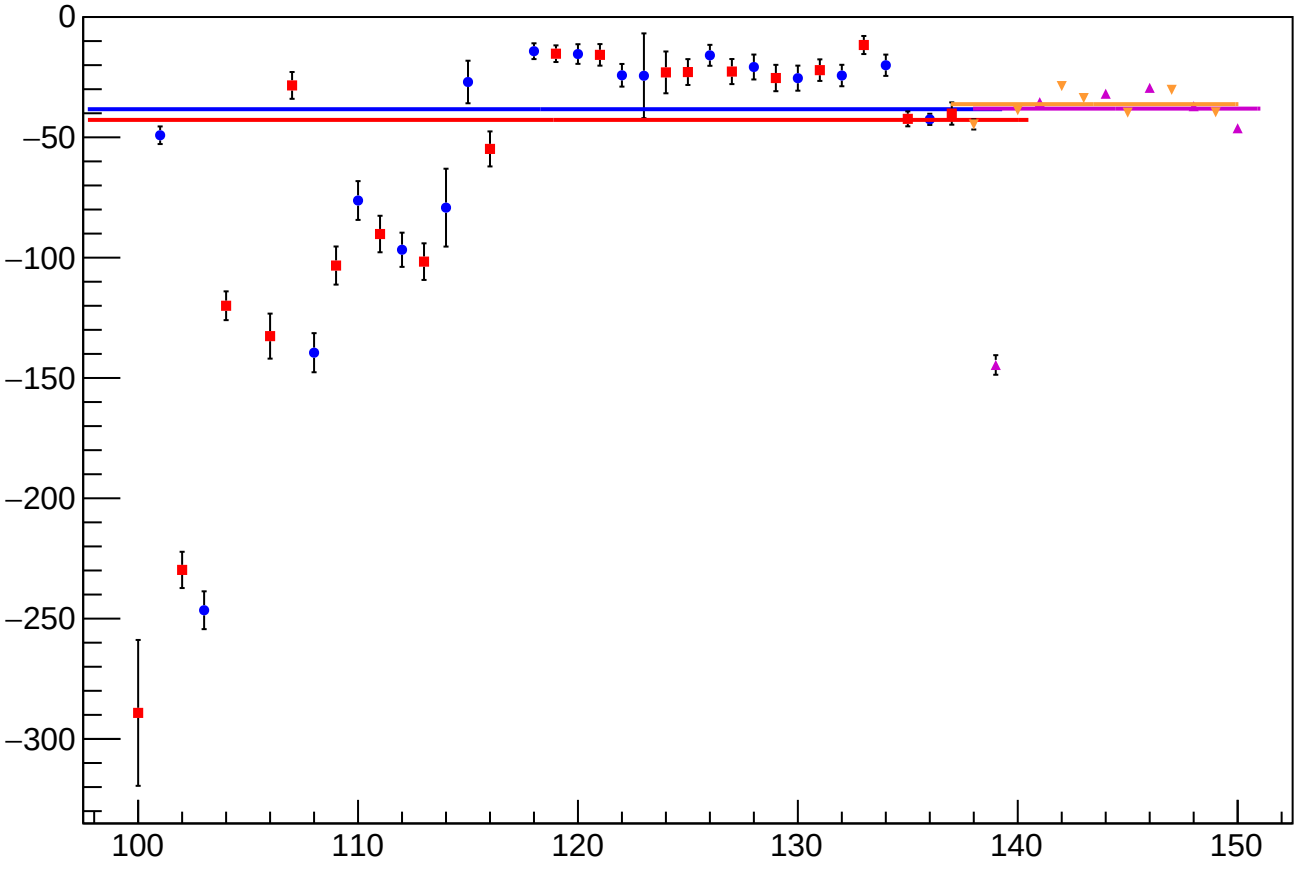
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -46.083+/-0.936 χ^2/NDF:213.6/5

Out: -53.190+/-0.886 χ^2/NDF:129.0/6

All: -49.834+/-0.643 χ^2/NDF: 373.0/12

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -36.213+/-0.634 χ^2/NDF:61.4/6

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -38.064+/-0.651 χ^2/NDF:768.8/5

Left: -37.114+/-0.455 χ^2/NDF: 834.3/12

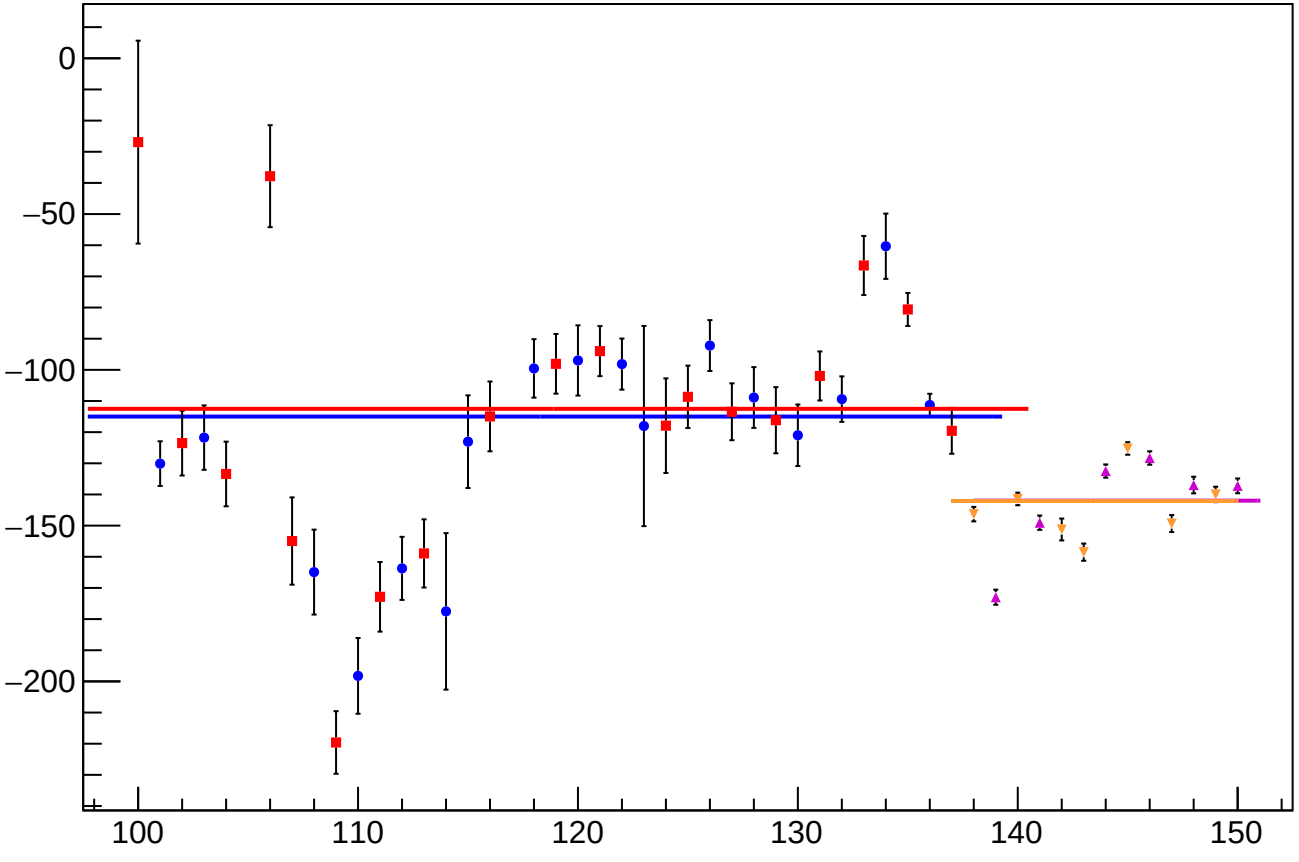
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -38.125+/-0.565 χ^2/NDF:1901.5/22

Out: -37.623+/-0.562 χ^2/NDF:1425.9/25

All: -37.872+/-0.399 χ^2/NDF: 3327.8/48

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -142.093+/-0.919 χ^2/NDF:123.1/6

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -141.983+/-0.949 χ^2/NDF:240.1/5

Left: -142.040+/-0.660 χ^2/NDF: 363.2/12

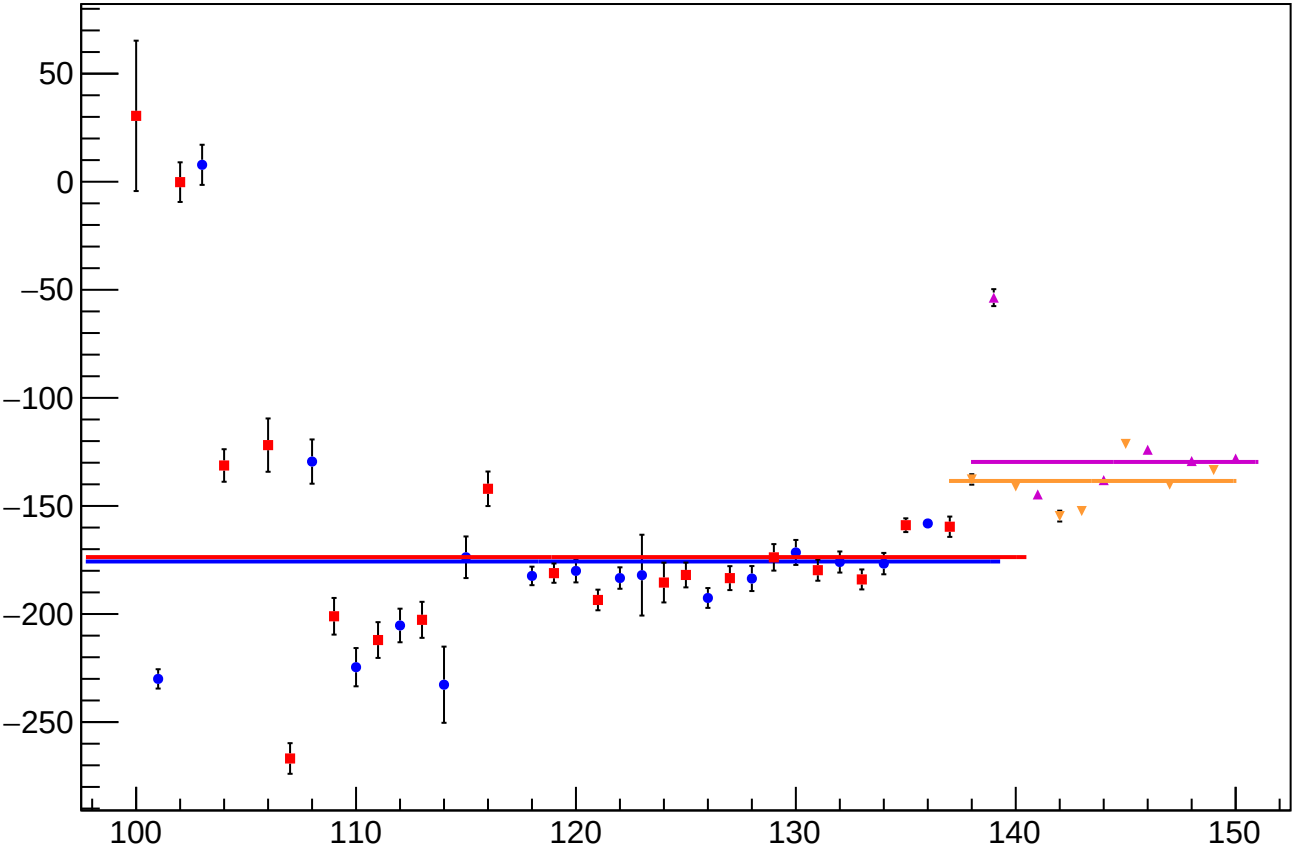
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -137.308+/-0.863 χ^2/NDF:522.1/22

Out: -137.723+/-0.848 χ^2/NDF:549.4/25

All: -137.519+/-0.605 χ^2/NDF: 1071.7/48

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -138.440+/-0.775 χ^2/NDF:187.4/6

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -129.643+/-0.801 χ^2/NDF:477.3/5

Left: -134.190+/-0.557 χ^2/NDF: 727.0/12

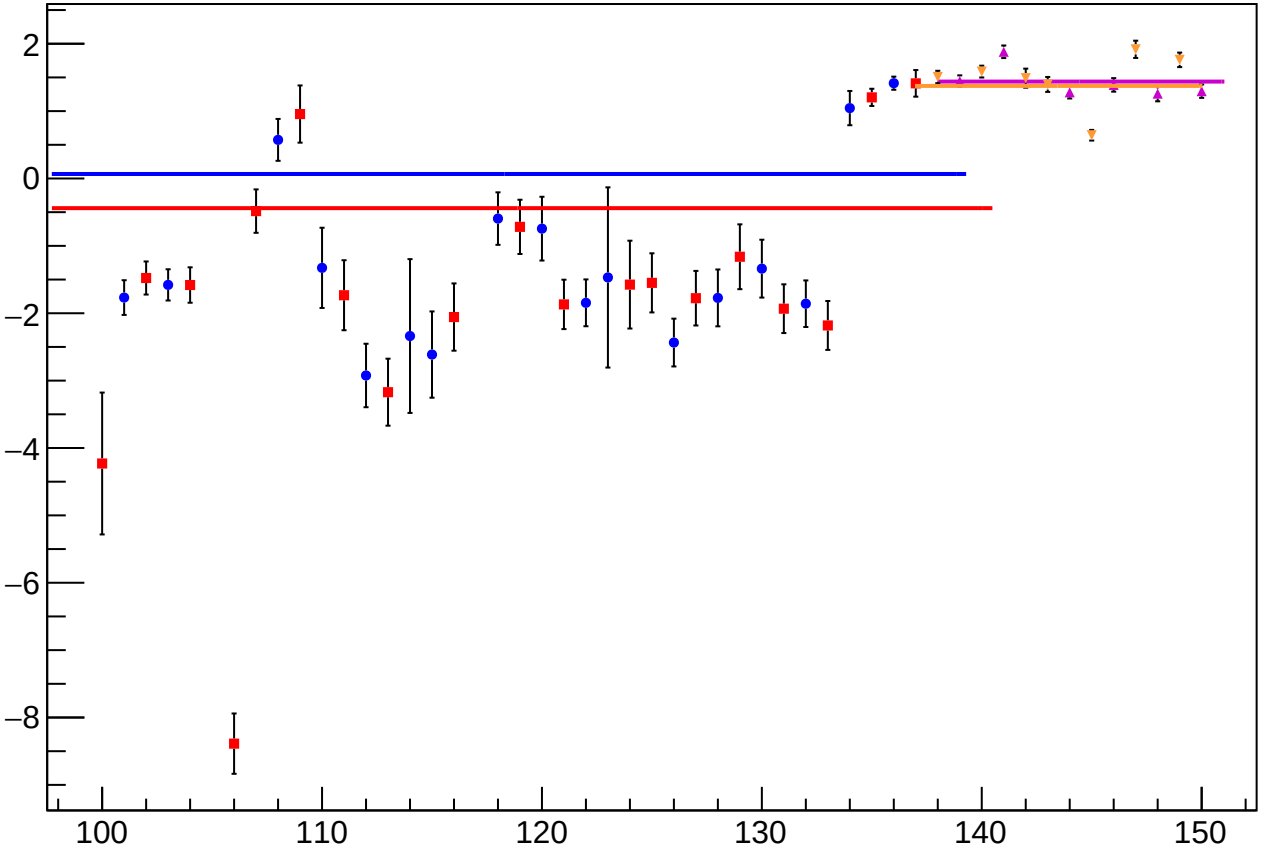
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -142.796+/-0.677 χ^2/NDF:2113.2/22

Out: -147.113+/-0.673 χ^2/NDF:1433.9/25

All: -144.969+/-0.477 χ^2/NDF: 3567.6/48

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.374+/-0.038 χ^2/NDF:125.2/6

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.438+/-0.039 χ^2/NDF:30.2/5

Left: 1.405+/-0.027 χ^2/NDF: 156.7/12

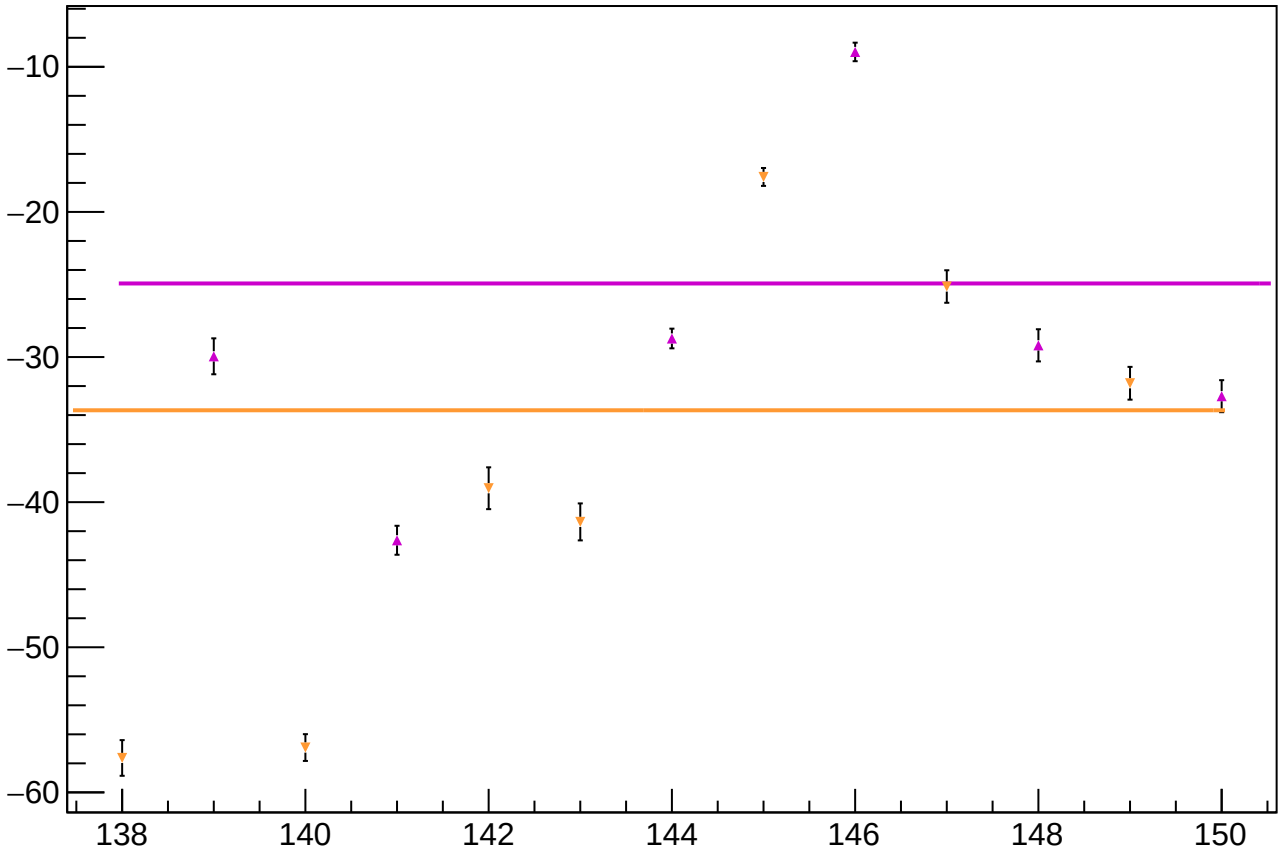
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.086+/-0.034 χ^2/NDF:868.0/22

Out: 0.968+/-0.034 χ^2/NDF:1385.2/25

All: 1.026+/-0.024 χ^2/NDF: 2259.4/48

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.669+/-0.374 χ^2/NDF:1804.2/6

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

Left In: -24.930+/-0.355 χ^2/NDF:1050.6/5

Left: -29.073+/-0.258 χ^2/NDF: 3141.6/12

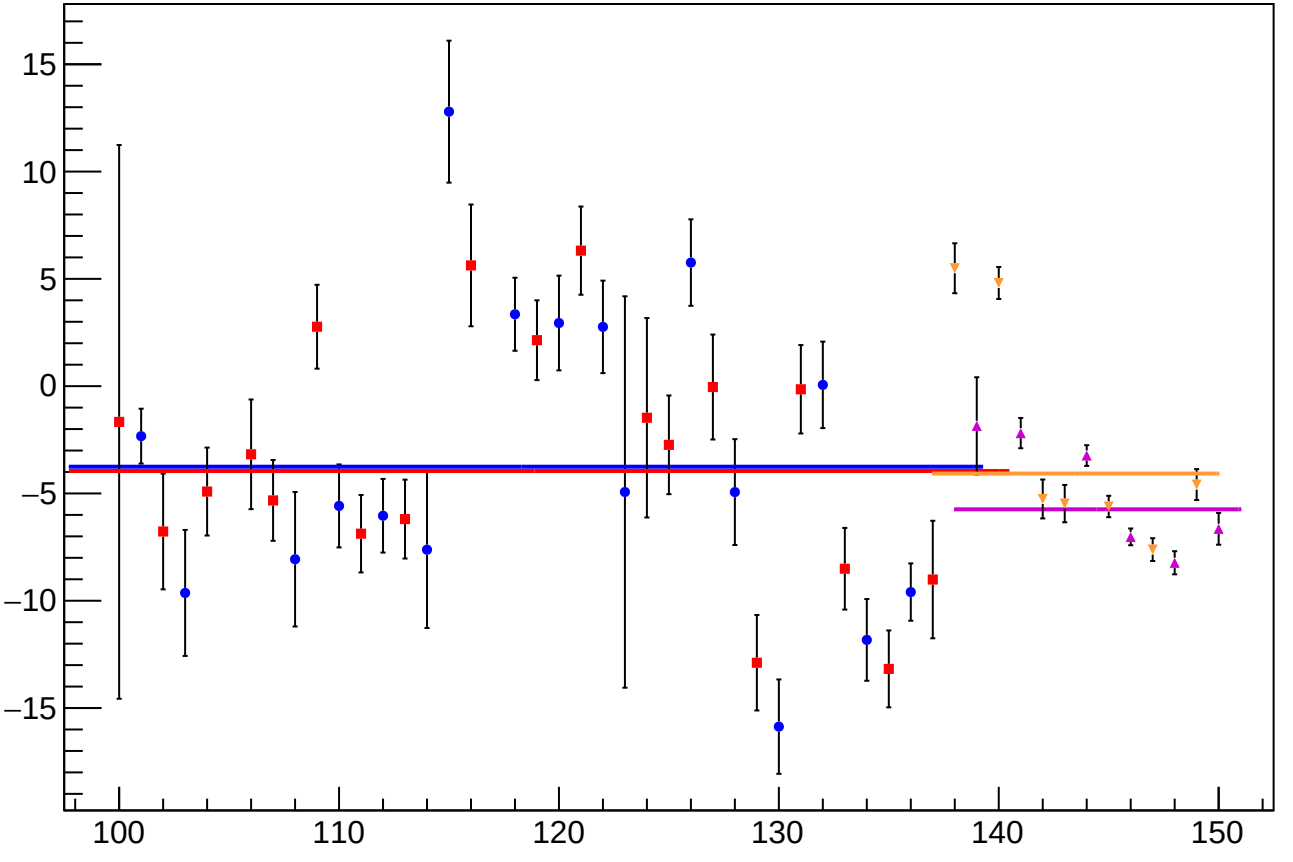
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.930+/-0.355 χ^2/NDF:1050.6/5

Out: -33.669+/-0.374 χ^2/NDF:1804.2/6

All: -29.073+/-0.258 χ^2/NDF: 3141.6/12

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.072+/-0.262 χ^2/NDF:268.4/6

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -5.740+/-0.234 χ^2/NDF:88.9/5

Left: -5.001+/-0.174 χ^2/NDF: 379.9/12

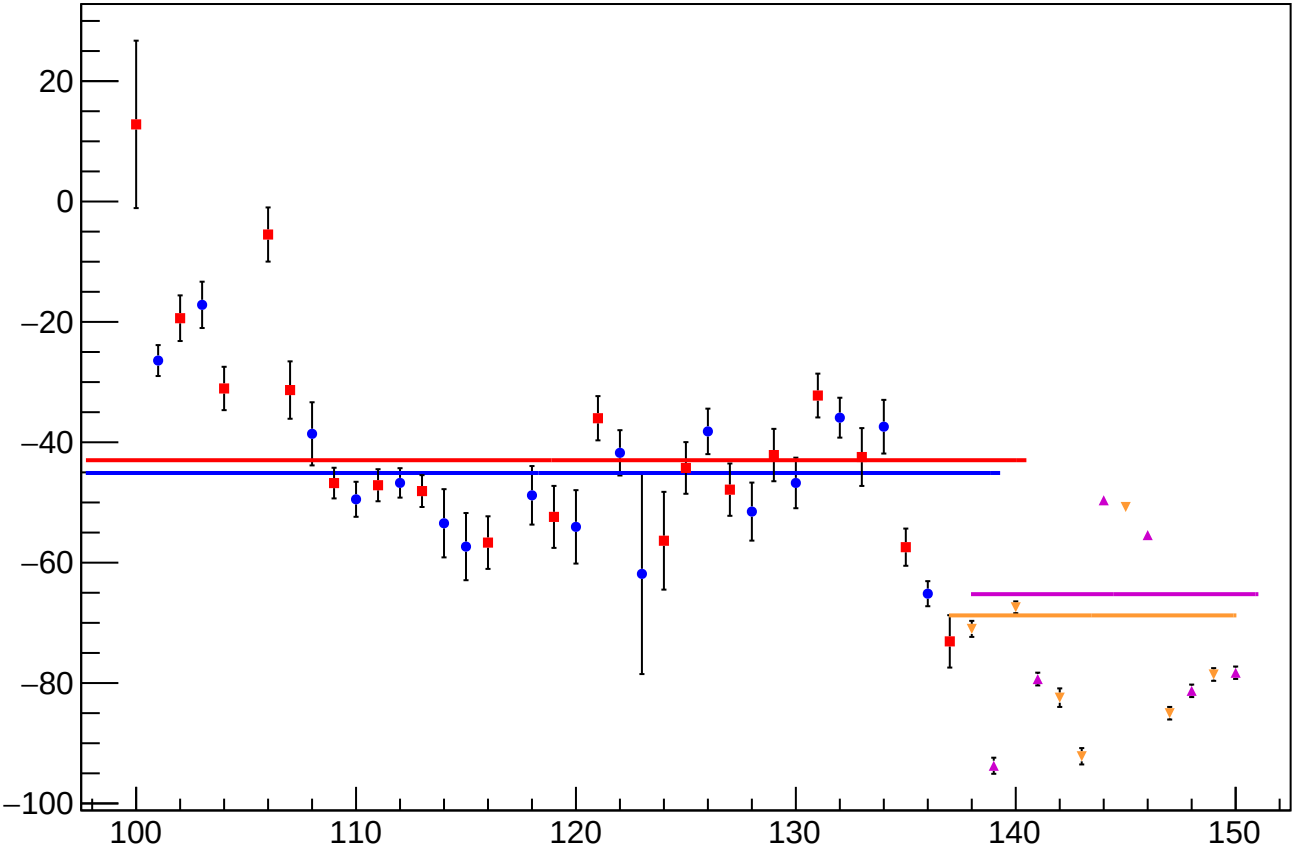
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -5.378+/-0.211 χ^2/NDF:267.4/22

Out: -4.047+/-0.233 χ^2/NDF:391.8/25

All: -4.777+/-0.156 χ^2/NDF: 677.1/48

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -68.761+/-0.386 χ^2/NDF:1462.4/6

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -65.233+/-0.357 χ^2/NDF:1745.8/5

Left: -66.856+/-0.262 χ^2/NDF: 3253.2/12

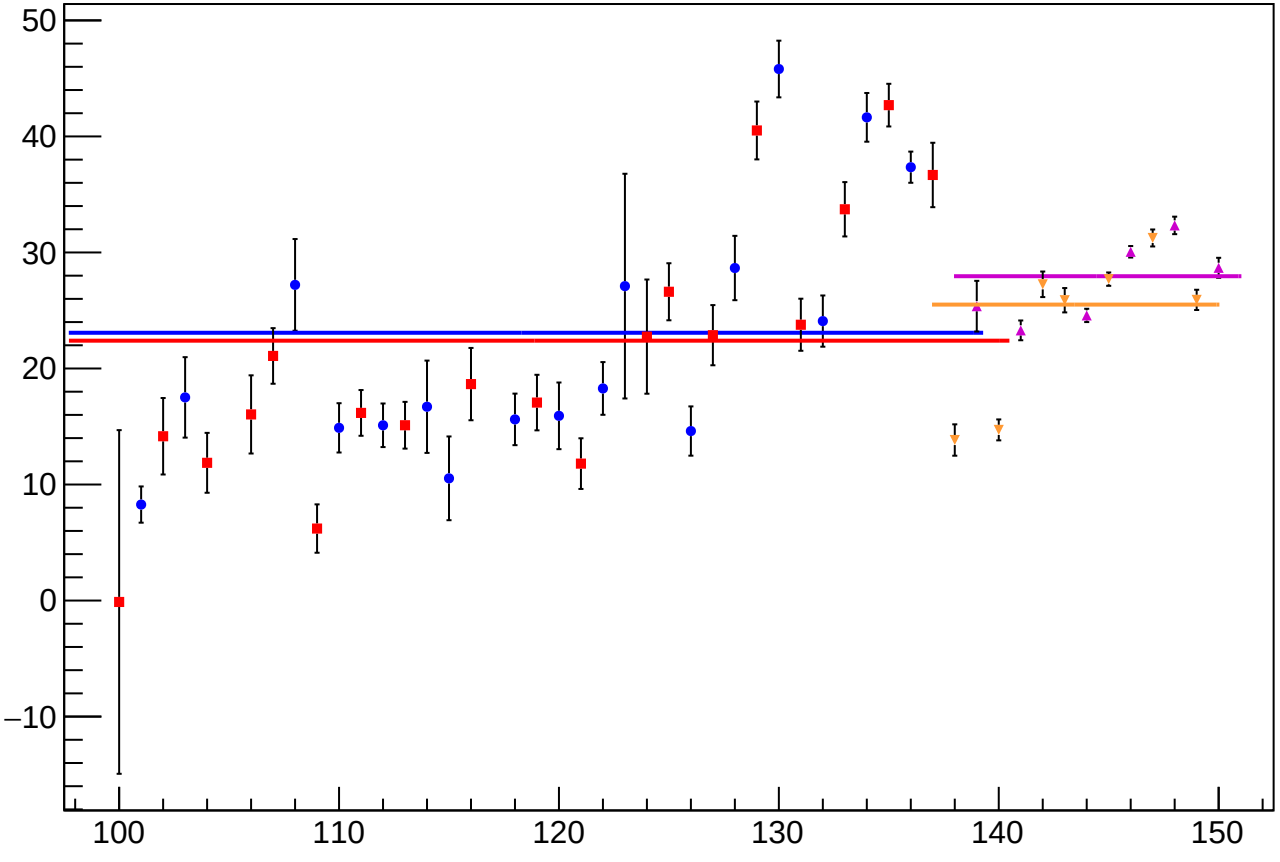
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -62.398+/-0.331 χ^2/NDF:2424.4/22

Out: -64.574+/-0.354 χ^2/NDF:2434.5/25

All: -63.413+/-0.241 χ^2/NDF: 4879.2/48

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 25.507+/-0.321 χ^2/NDF:296.5/6

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 27.953+/-0.291 χ^2/NDF:118.7/5

Left: 26.851+/-0.216 χ^2/NDF: 447.1/12

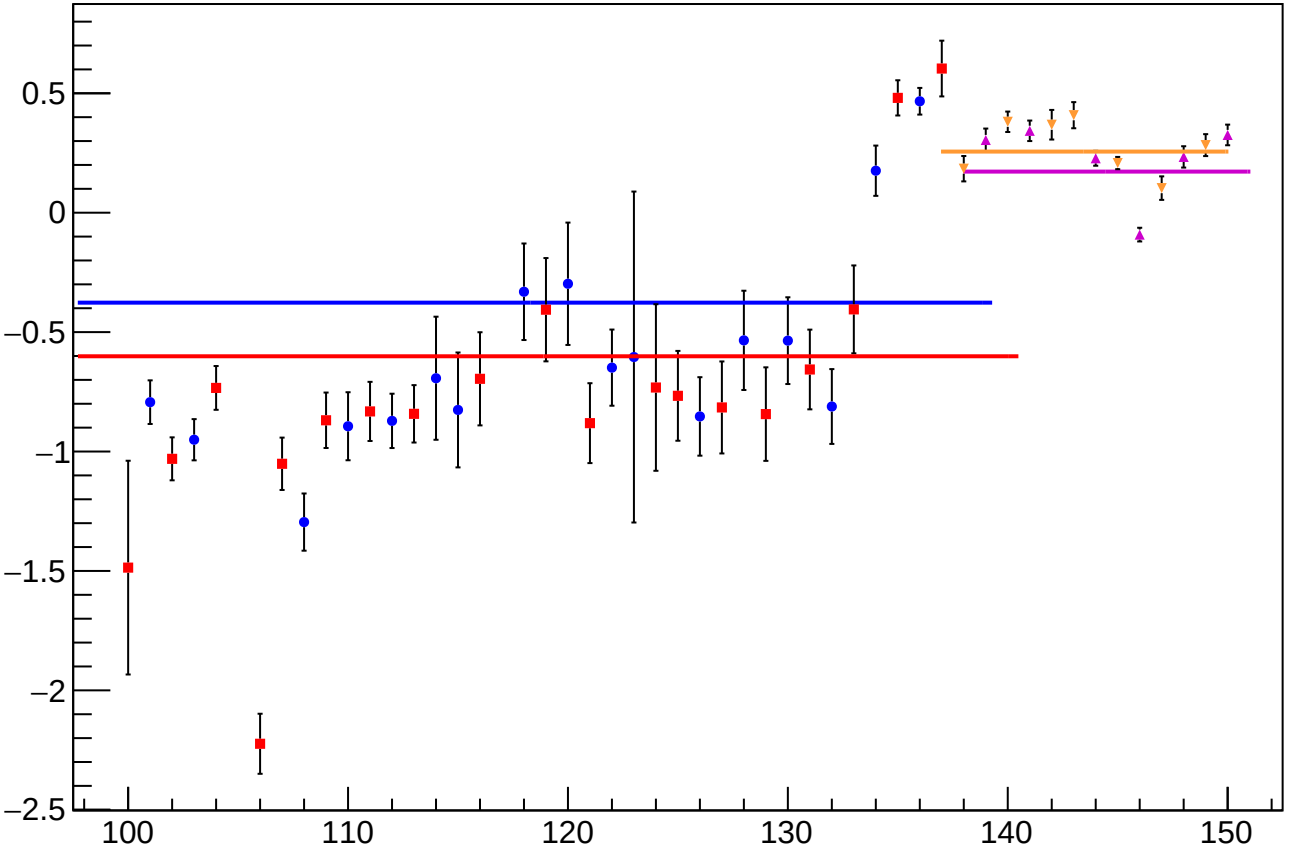
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 26.905+/-0.258 χ^2/NDF:640.2/22

Out: 24.763+/-0.280 χ^2/NDF:689.3/25

All: 25.923+/-0.190 χ^2/NDF: 1361.2/48

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.256+/-0.016 χ^2/NDF:34.9/6

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.172+/-0.015 χ^2/NDF:125.9/5

Left: 0.212+/-0.011 χ^2/NDF: 175.1/12

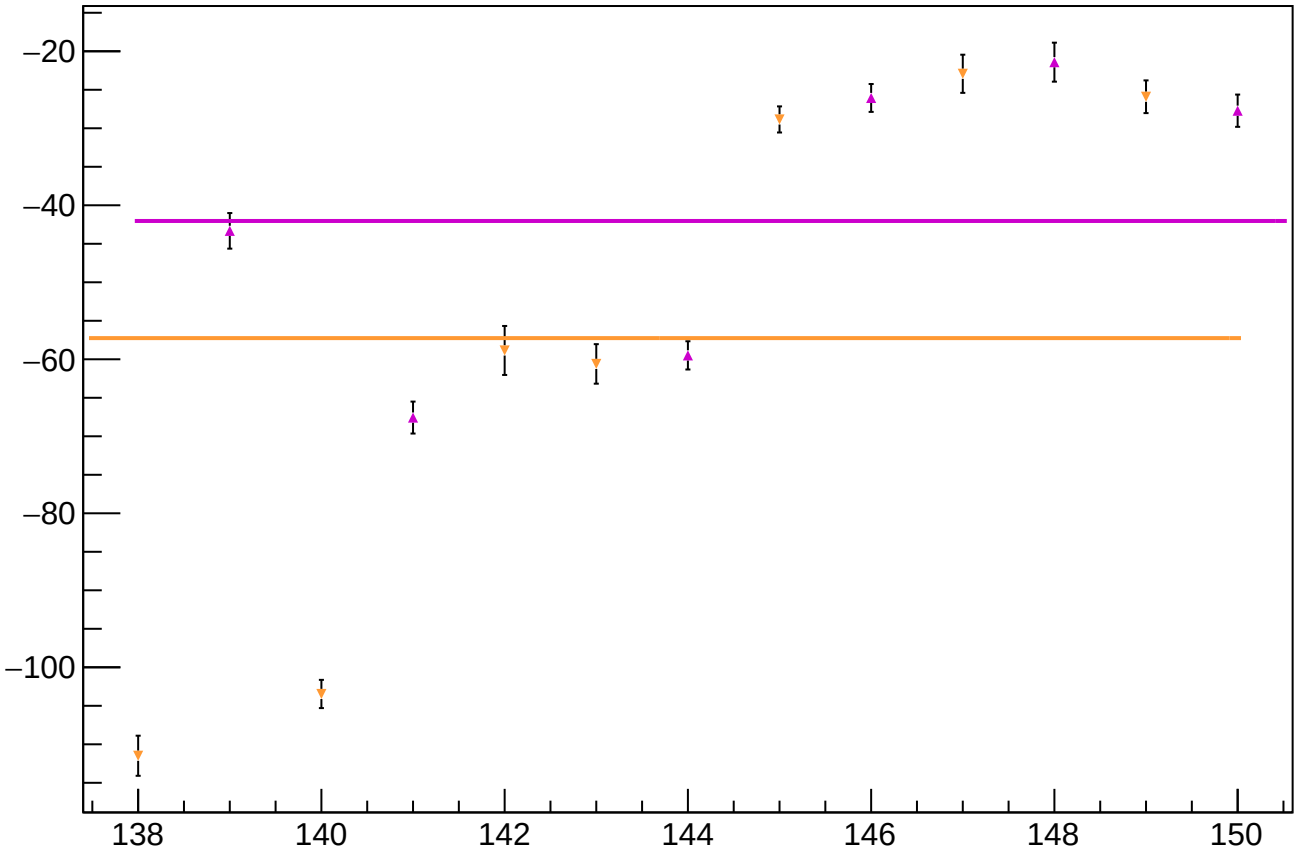
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.059+/-0.014 χ^2/NDF:827.5/22

Out: 0.067+/-0.014 χ^2/NDF:1219.8/25

All: 0.063+/-0.010 χ^2/NDF: 2047.4/48

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.250+/-0.837 χ^2/NDF:1761.9/6

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

Left In: -42.039+/-0.844 χ^2/NDF:433.2/5

Left: -49.706+/-0.594 χ^2/NDF: 2359.0/12

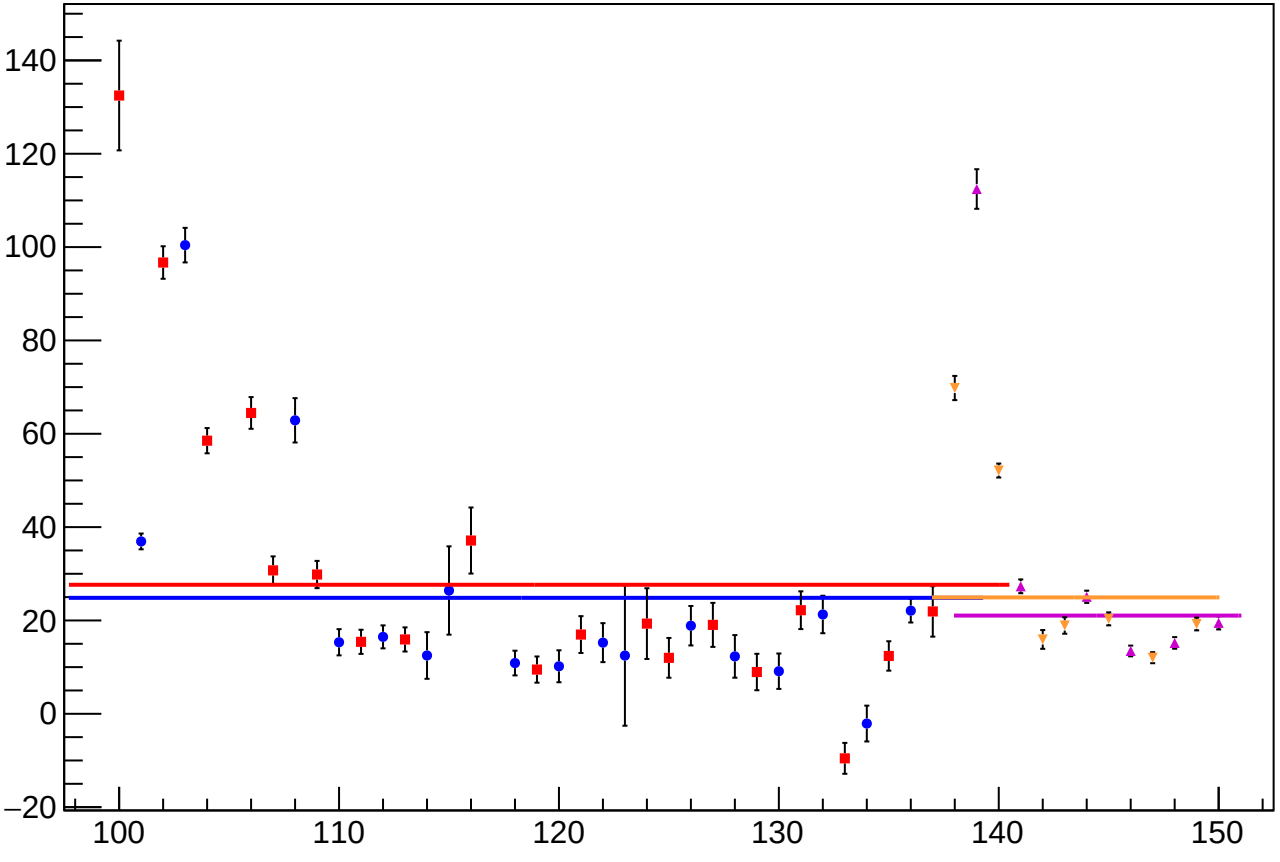
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.039+/-0.844 χ^2/NDF:433.2/5

Out: -57.250+/-0.837 χ^2/NDF:1761.9/6

All: -49.706+/-0.594 χ^2/NDF: 2359.0/12

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 24.939+/-0.585 χ^2/NDF:806.9/6

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 21.045+/-0.578 χ^2/NDF:558.4/5

Left: 22.969+/-0.411 χ^2/NDF: 1387.7/12

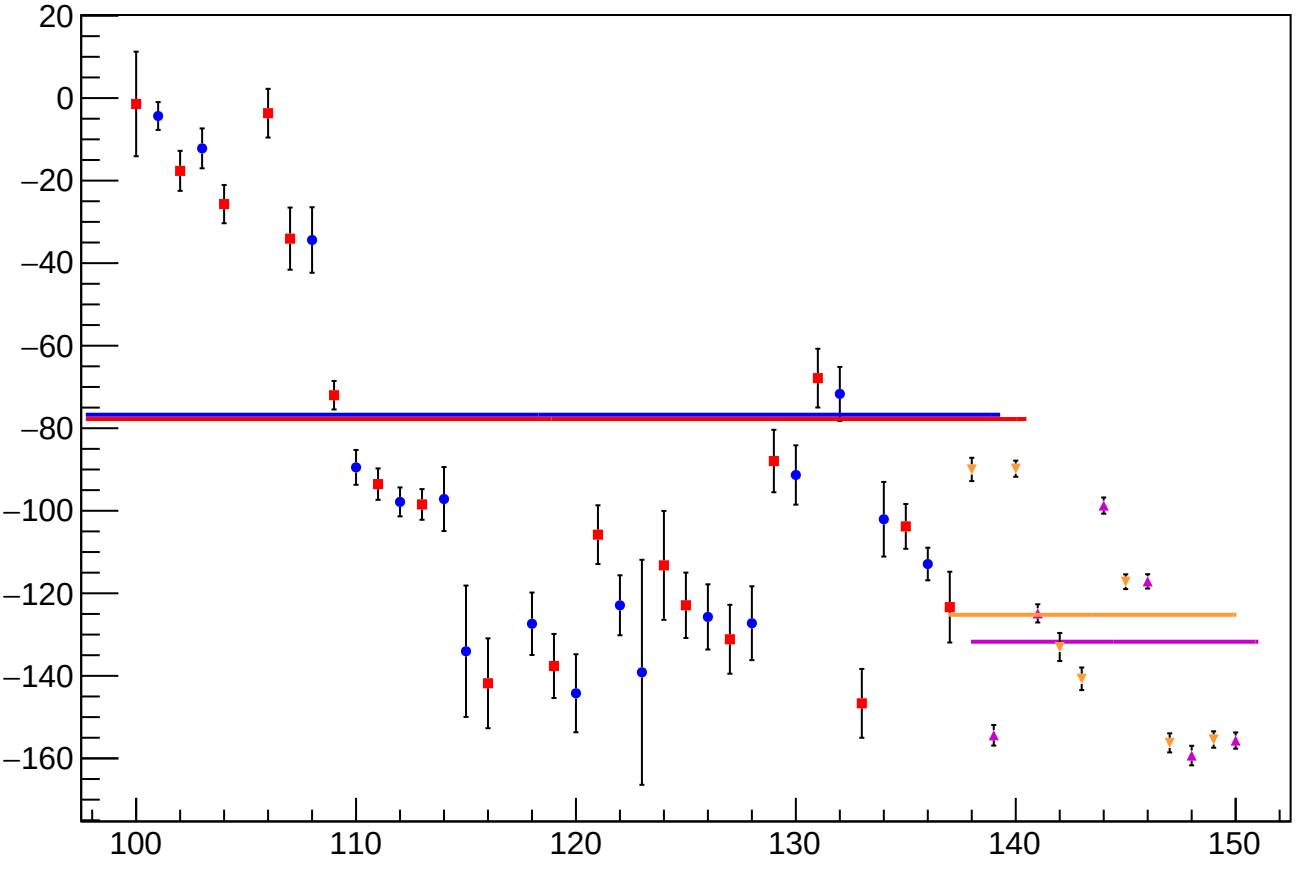
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 22.348+/-0.469 χ^2/NDF:1264.1/22

Out: 25.867+/-0.474 χ^2/NDF:1823.4/25

All: 24.086+/-0.333 χ^2/NDF: 3115.3/48

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -125.203+/-0.858 χ^2/NDF:953.1/6

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -131.731+/-0.847 χ^2/NDF:728.7/5

Left: -128.507+/-0.603 χ^2/NDF: 1711.1/12

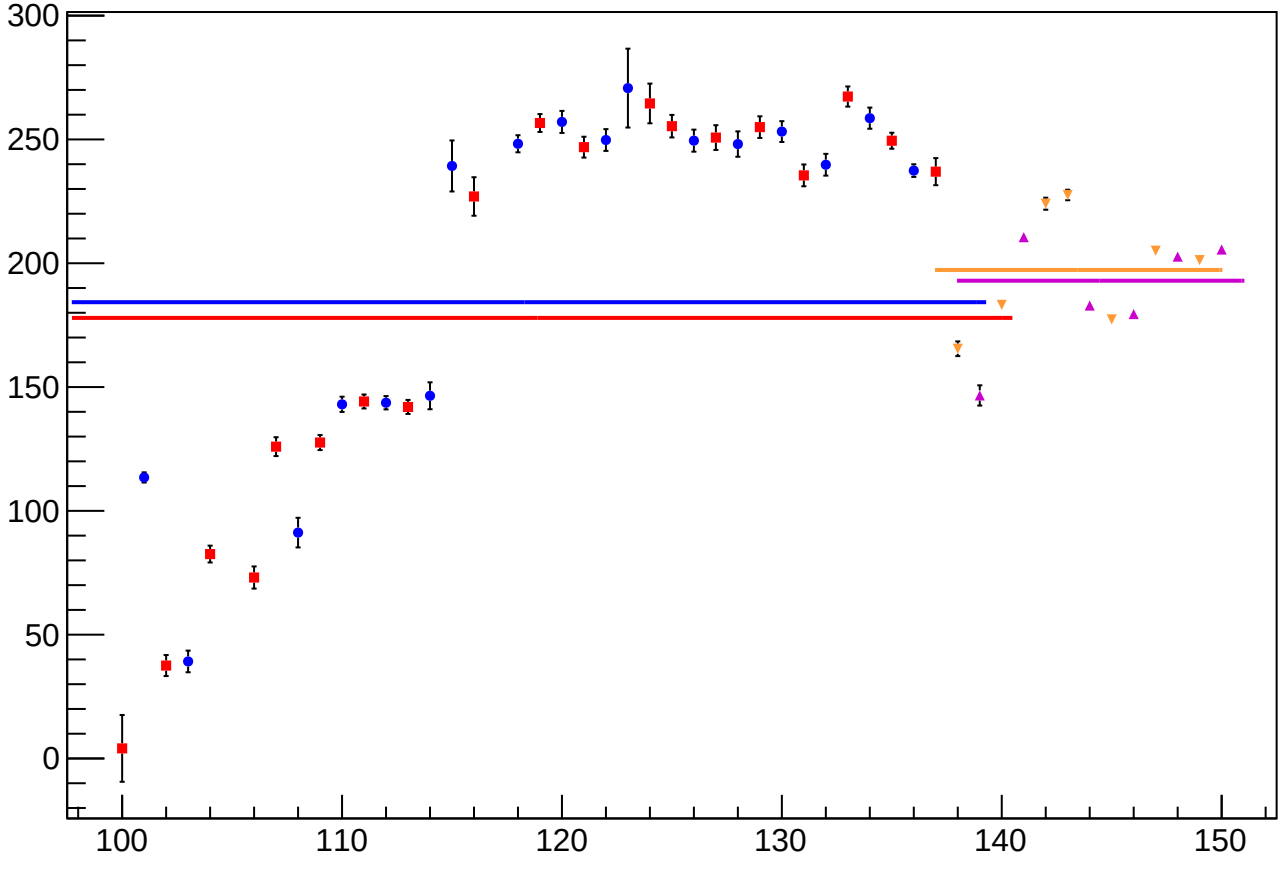
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -117.173+/-0.727 χ^2/NDF:2886.1/22

Out: -111.594+/-0.724 χ^2/NDF:2702.2/25

All: -114.375+/-0.513 χ^2/NDF: 5617.9/48

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 197.296+/-0.717 χ^2/NDF:683.2/6

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 192.941+/-0.710 χ^2/NDF:447.0/5

Left: 195.097+/-0.505 χ^2/NDF: 1148.8/12

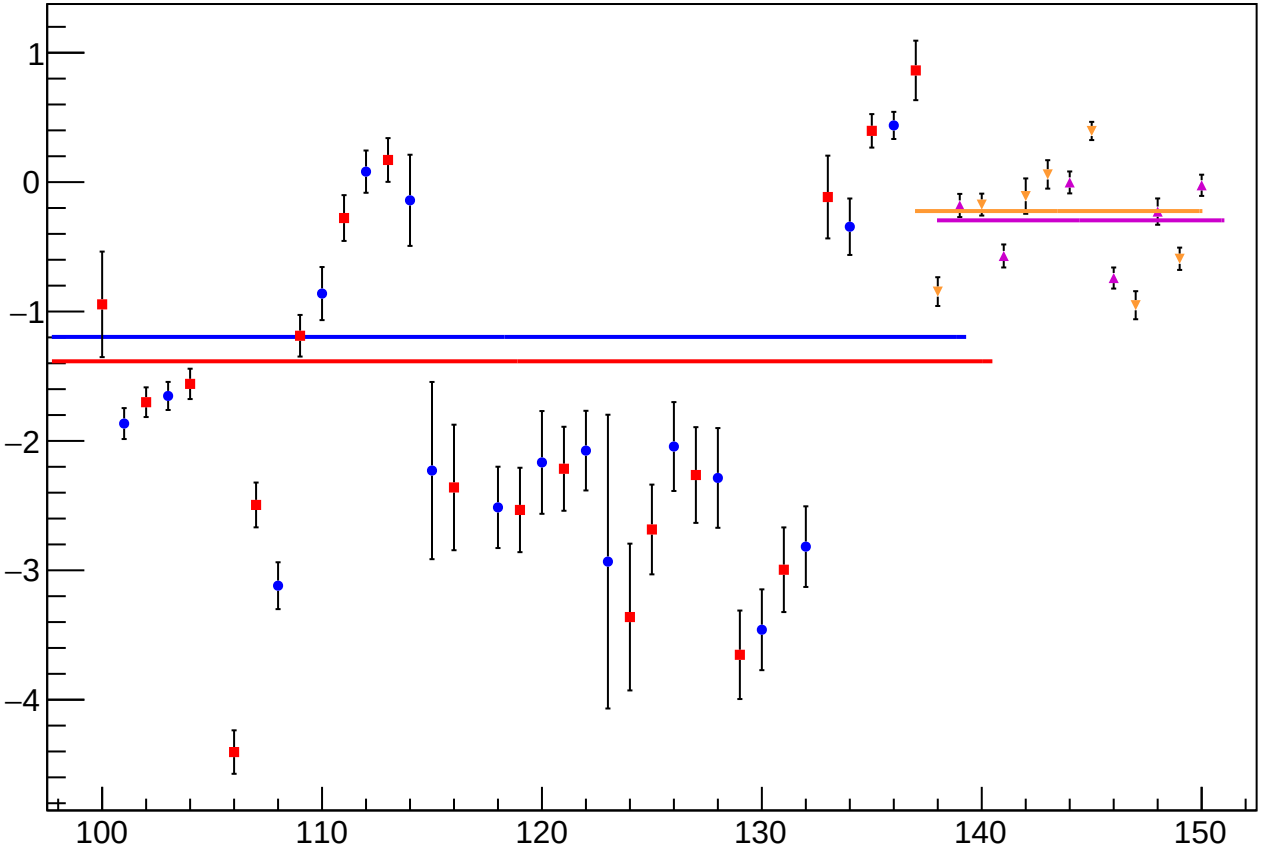
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 189.677+/-0.561 χ^2/NDF:5904.1/22

Out: 190.016+/-0.566 χ^2/NDF:7288.3/25

All: 189.845+/-0.398 χ^2/NDF: 13192.6/48

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.224+/-0.036 χ^2/NDF:179.8/6

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.295+/-0.036 χ^2/NDF:64.5/5

Left: -0.260+/-0.025 χ^2/NDF: 246.3/12

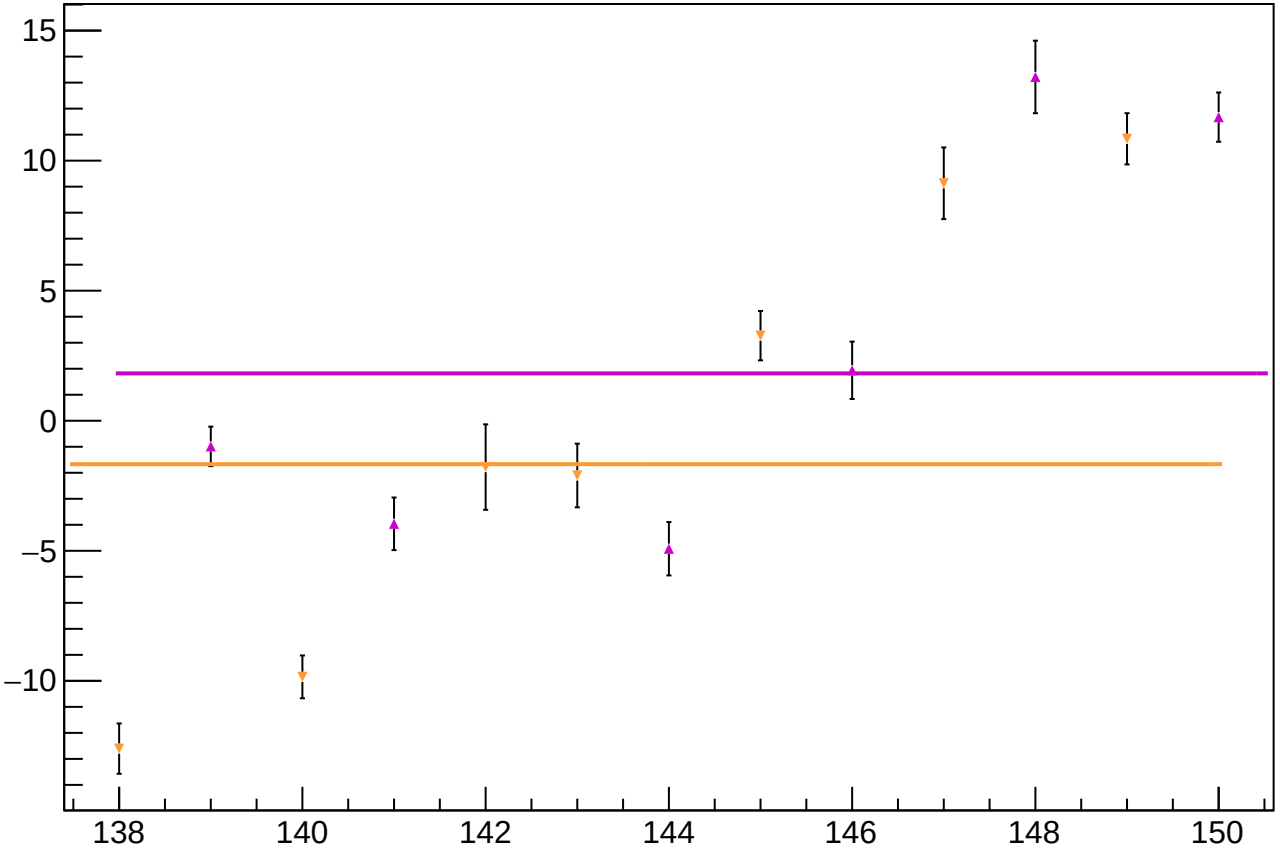
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.615+/-0.029 χ^2/NDF:914.1/22

Out: -0.665+/-0.028 χ^2/NDF:1503.0/25

All: -0.640+/-0.020 χ^2/NDF: 2418.6/48

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.668+/-0.400 χ^2/NDF:476.7/6

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

Left In: 1.821+/-0.404 χ^2/NDF:264.5/5

Left: 0.057+/-0.284 χ^2/NDF: 778.9/12

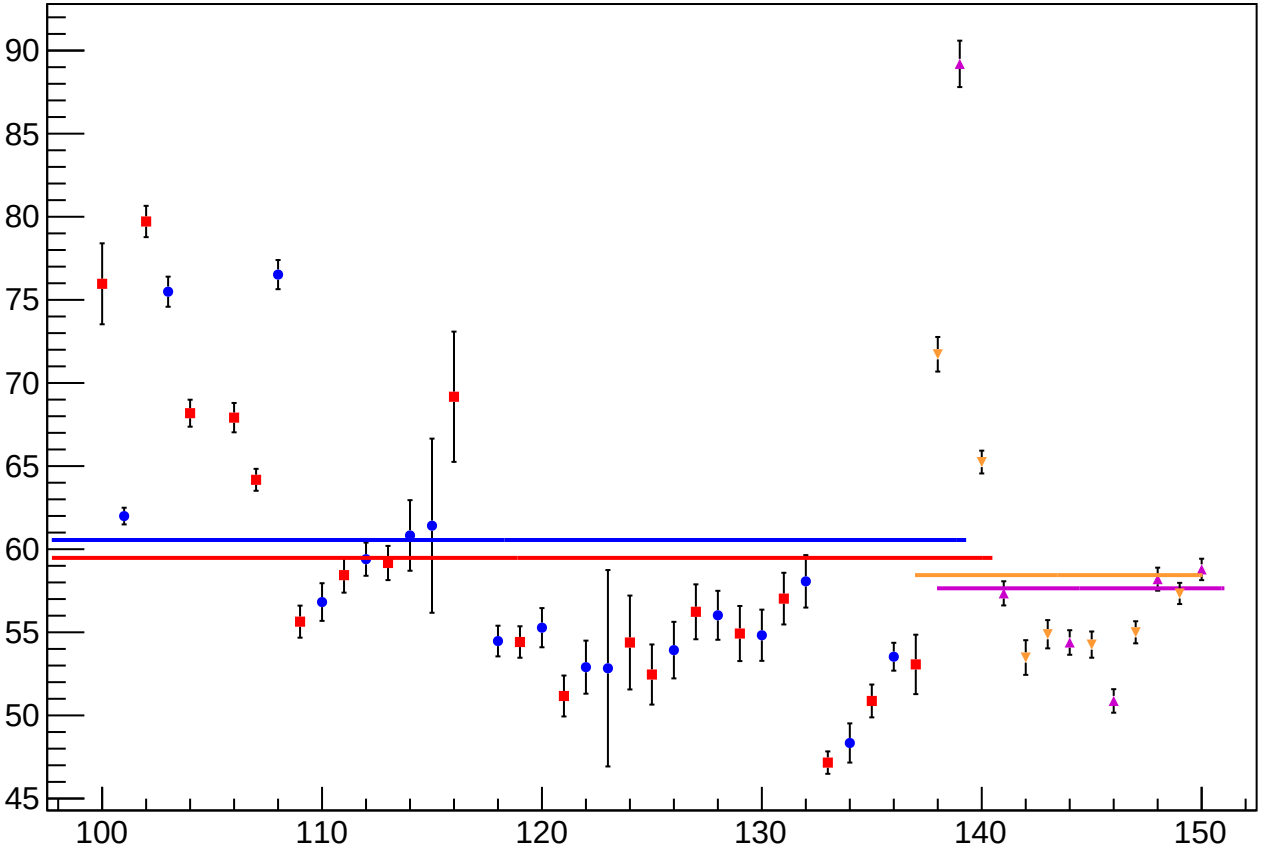
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.821+/-0.404 χ^2/NDF:264.5/5

Out: -1.668+/-0.400 χ^2/NDF:476.7/6

All: 0.057+/-0.284 χ^2/NDF: 778.9/12

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 58.440+/-0.293 χ^2/NDF:359.0/6

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 57.647+/-0.305 χ^2/NDF:625.8/5

Left: 58.060+/-0.211 χ^2/NDF: 988.3/12

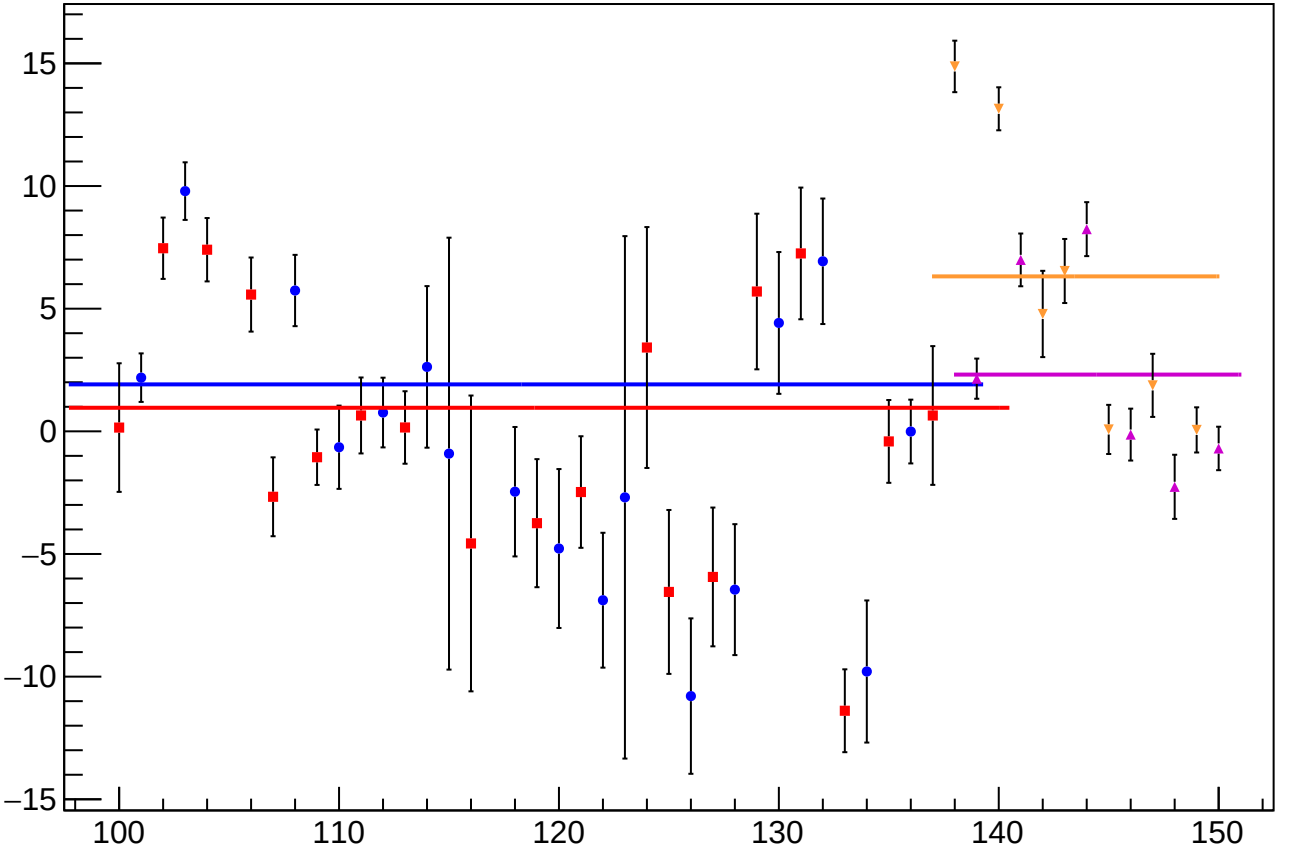
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 59.323+/-0.199 χ^2/NDF:1608.8/22

Out: 59.044+/-0.189 χ^2/NDF:1683.3/25

All: 59.177+/-0.137 χ^2/NDF: 3293.2/48

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 6.316+/-0.412 χ^2/NDF:224.9/6

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 2.313+/-0.410 χ^2/NDF:77.2/5

Left: 4.309+/-0.291 χ^2/NDF: 349.5/12

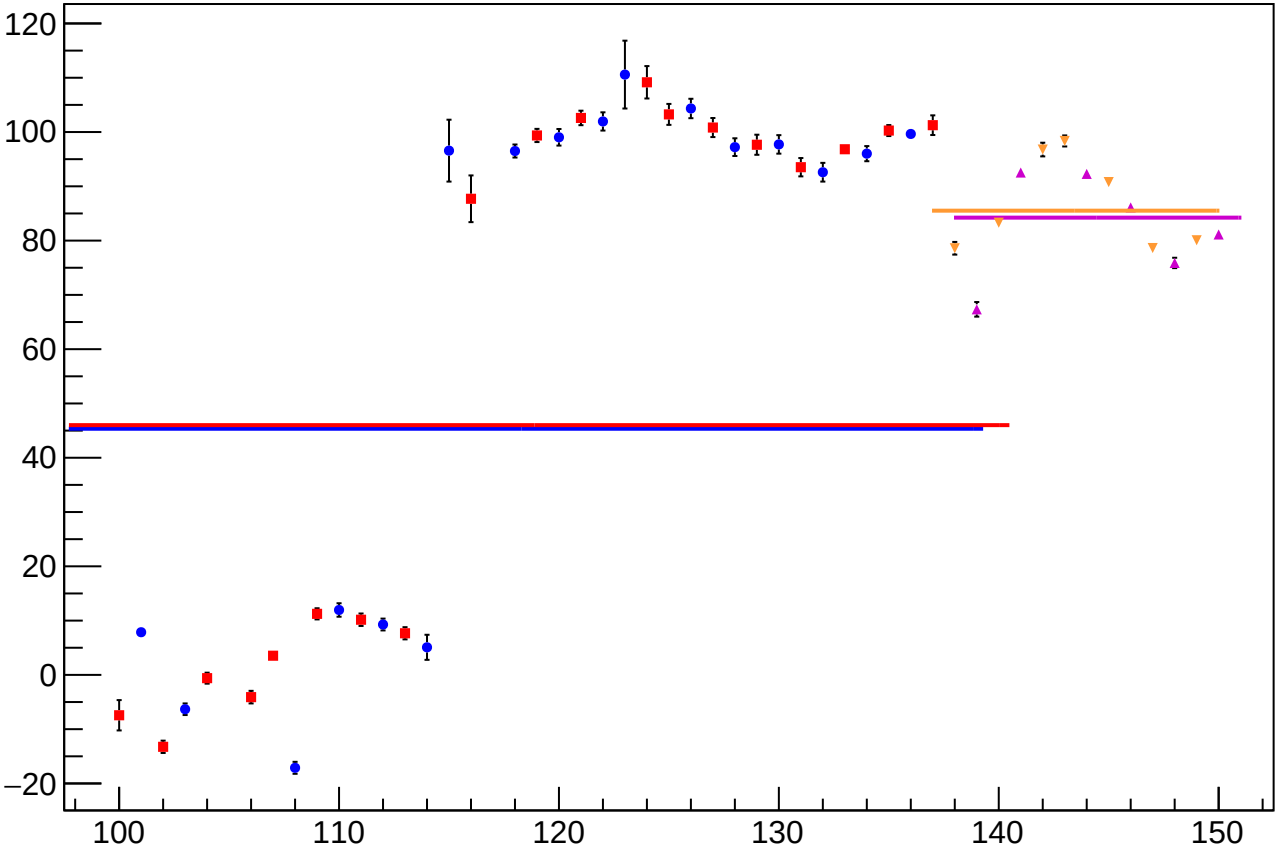
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 2.135+/-0.306 χ^2/NDF:199.2/22

Out: 3.718+/-0.295 χ^2/NDF:456.5/25

All: 2.953+/-0.212 χ^2/NDF: 669.5/48

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 85.515+/-0.355 χ^2/NDF:423.9/6

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 84.230+/-0.368 χ^2/NDF:432.0/5

Left: 84.896+/-0.255 χ^2/NDF: 862.2/12

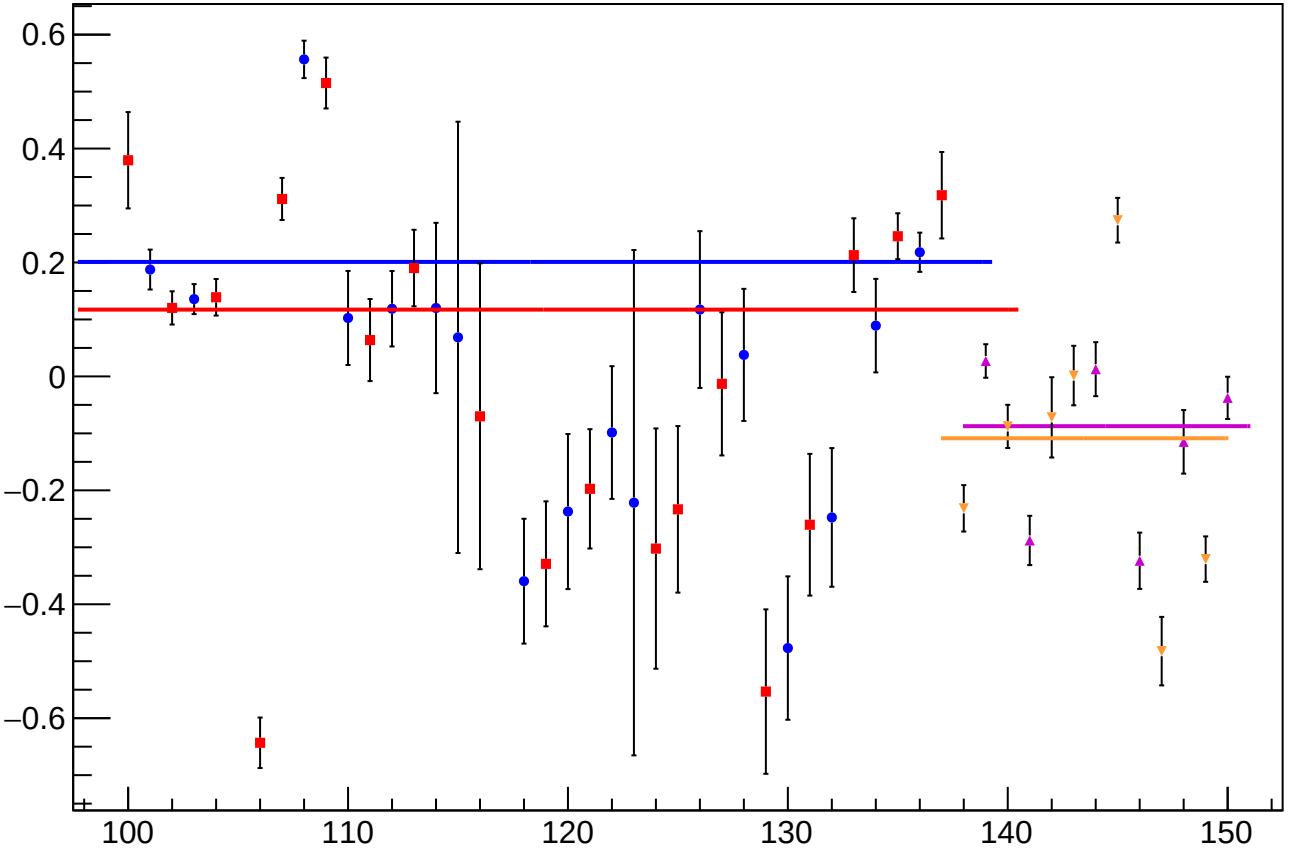
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 61.076+/-0.234 χ^2/NDF:32155.9/22

Out: 61.790+/-0.224 χ^2/NDF:36085.7/25

All: 61.448+/-0.162 χ^2/NDF: 68246.5/48

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.109+/-0.017 χ^2/NDF:176.2/6

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.087+/-0.017 χ^2/NDF:66.0/5

Left: -0.098+/-0.012 χ^2/NDF: 243.0/12

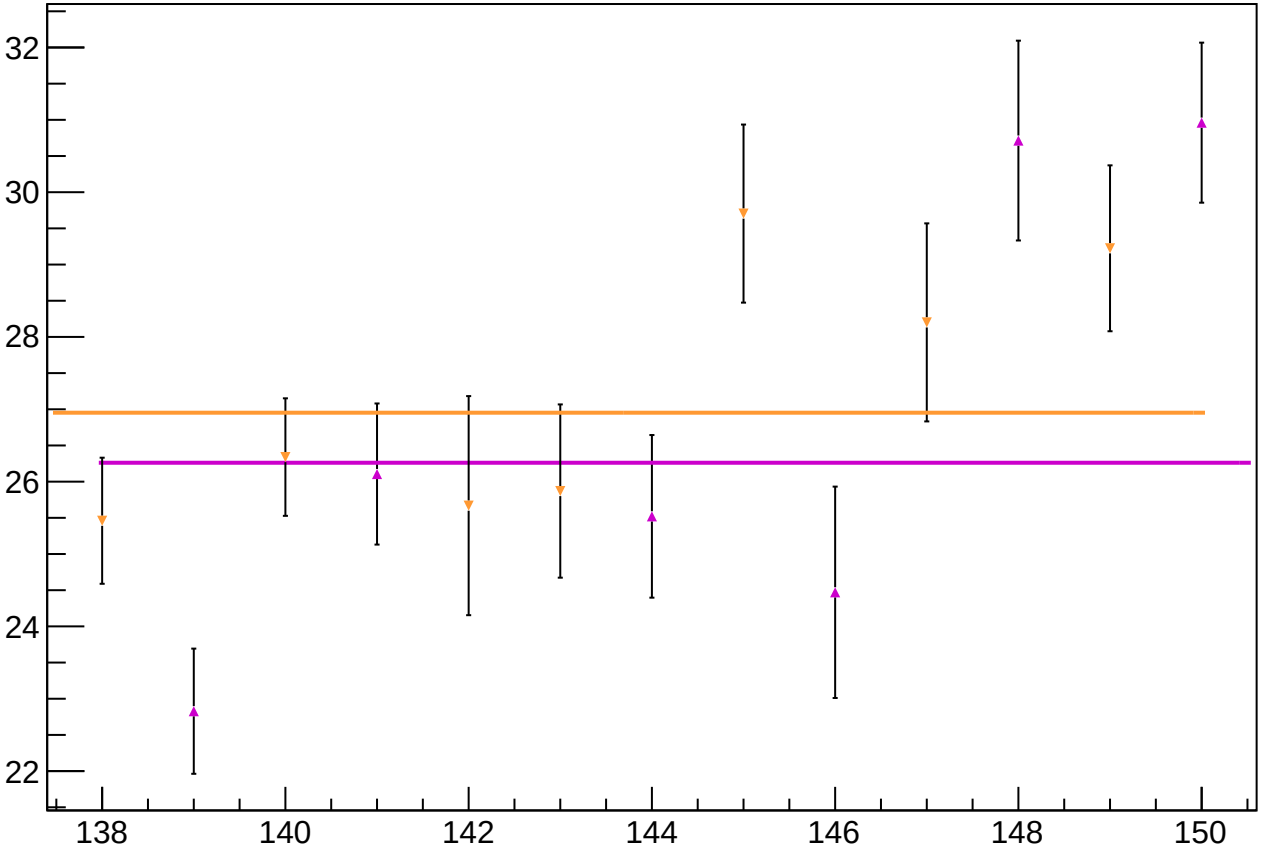
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: 0.081+/-0.011 χ^2/NDF:458.8/22

Out: 0.034+/-0.010 χ^2/NDF:786.8/25

All: 0.057+/-0.007 χ^2/NDF: 1255.6/48

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.953+/-0.411 χ^2/NDF:14.8/6

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

Left In: 26.261+/-0.448 χ^2/NDF:46.2/5

Left: 26.637+/-0.303 χ^2/NDF: 62.3/12

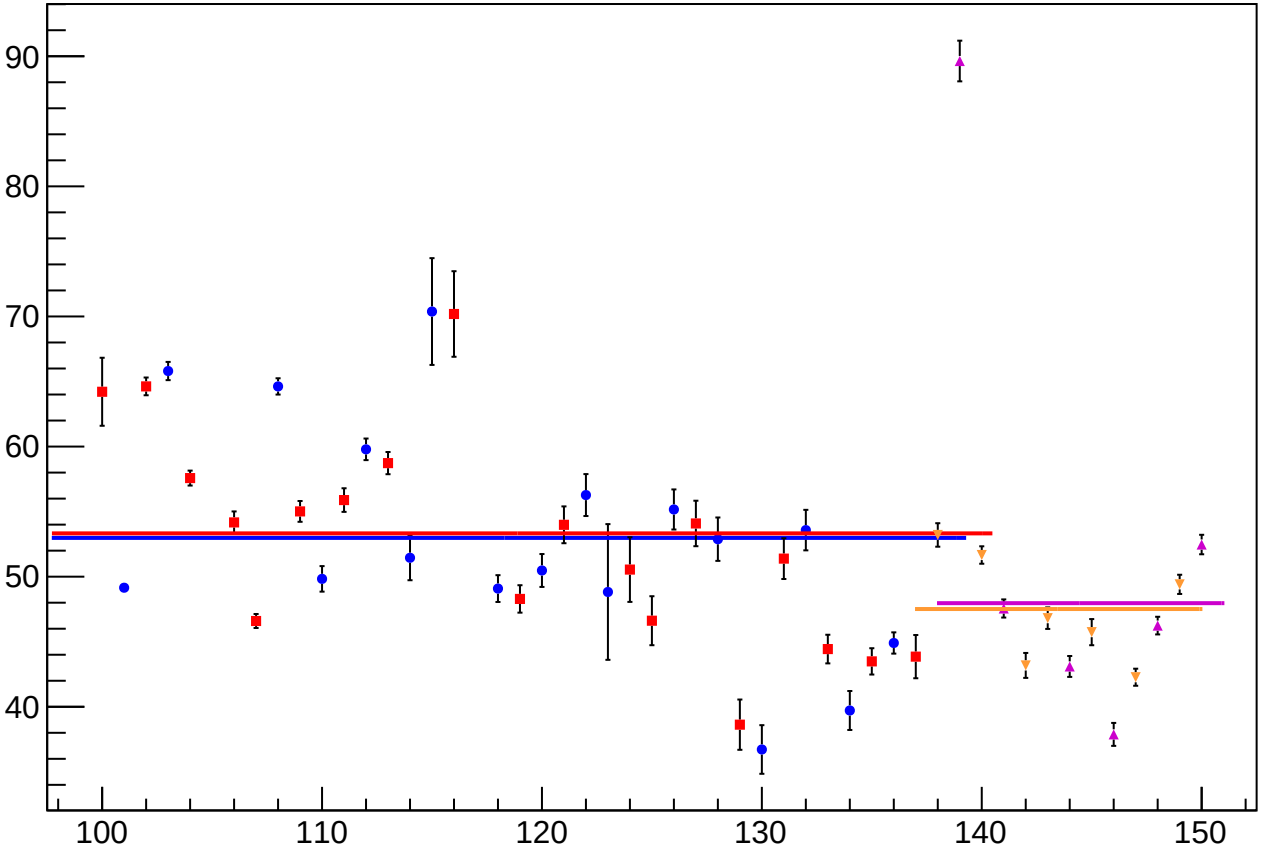
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.261+/-0.448 χ^2/NDF:46.2/5

Out: 26.953+/-0.411 χ^2/NDF:14.8/6

All: 26.637+/-0.303 χ^2/NDF: 62.3/12

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 47.514+/-0.299 χ^2/NDF:173.0/6

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 47.964+/-0.329 χ^2/NDF:921.1/5

Left: 47.718+/-0.221 χ^2/NDF: 1095.1/12

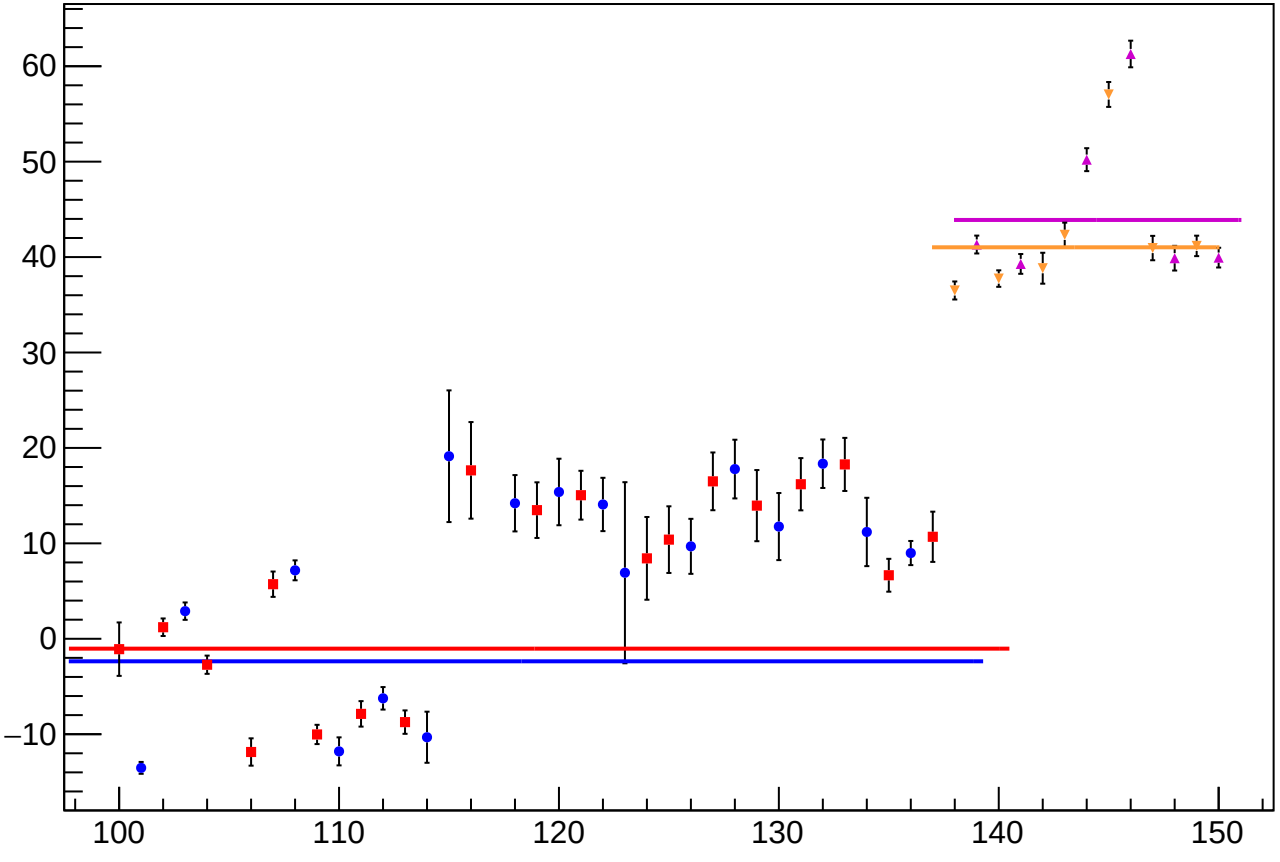
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 51.525+/-0.177 χ^2/NDF:2284.2/22

Out: 51.209+/-0.181 χ^2/NDF:1285.4/25

All: 51.370+/-0.126 χ^2/NDF: 3571.1/48

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.024+/-0.426 χ^2/NDF:190.8/6

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 43.890+/-0.456 χ^2/NDF:234.5/5

Left: 42.358+/-0.311 χ^2/NDF: 446.4/12

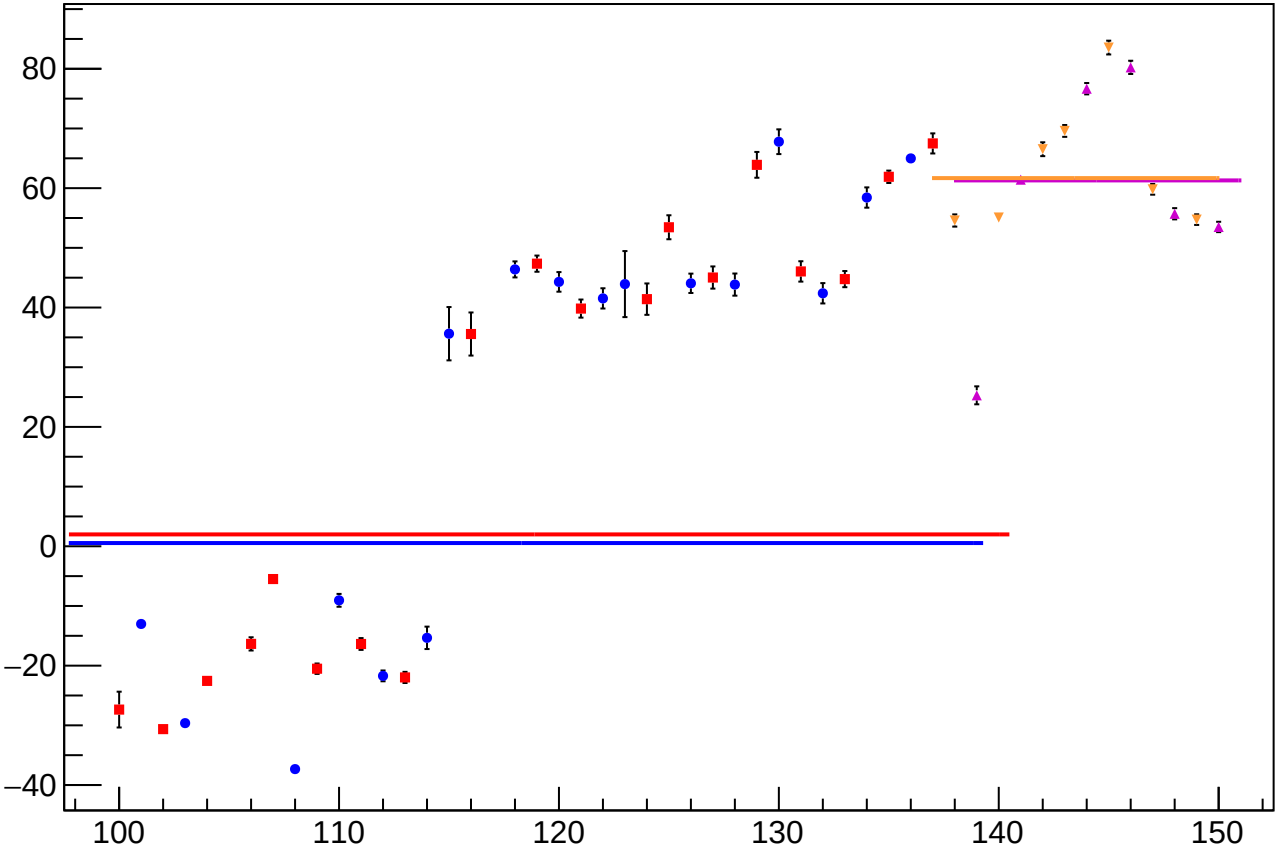
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 15.628+/-0.284 χ^2/NDF:7361.1/22

Out: 17.450+/-0.282 χ^2/NDF:6171.1/25

All: 16.546+/-0.200 χ^2/NDF: 13552.9/48

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 61.685+/-0.365 χ^2/NDF:619.2/6

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 61.299+/-0.400 χ^2/NDF:1240.6/5

Left: 61.510+/-0.270 χ^2/NDF: 1860.4/12

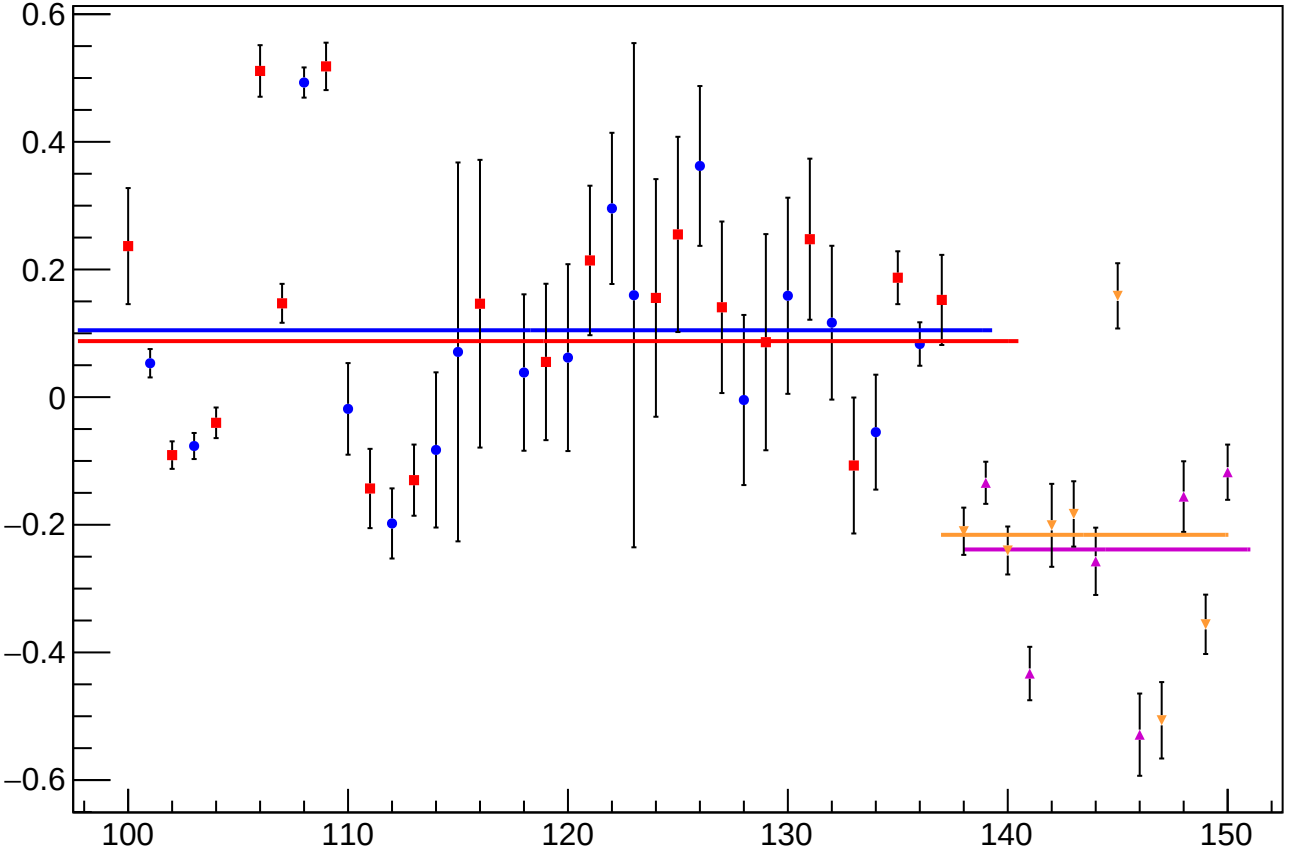
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 17.259+/-0.210 χ^2/NDF:36353.3/22

Out: 22.729+/-0.215 χ^2/NDF:33525.2/25

All: 19.926+/-0.150 χ^2/NDF: 70209.2/48

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.216+/-0.018 χ^2/NDF:87.2/6

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.239+/-0.018 χ^2/NDF:62.1/5

Left: -0.227+/-0.013 χ^2/NDF: 150.1/12

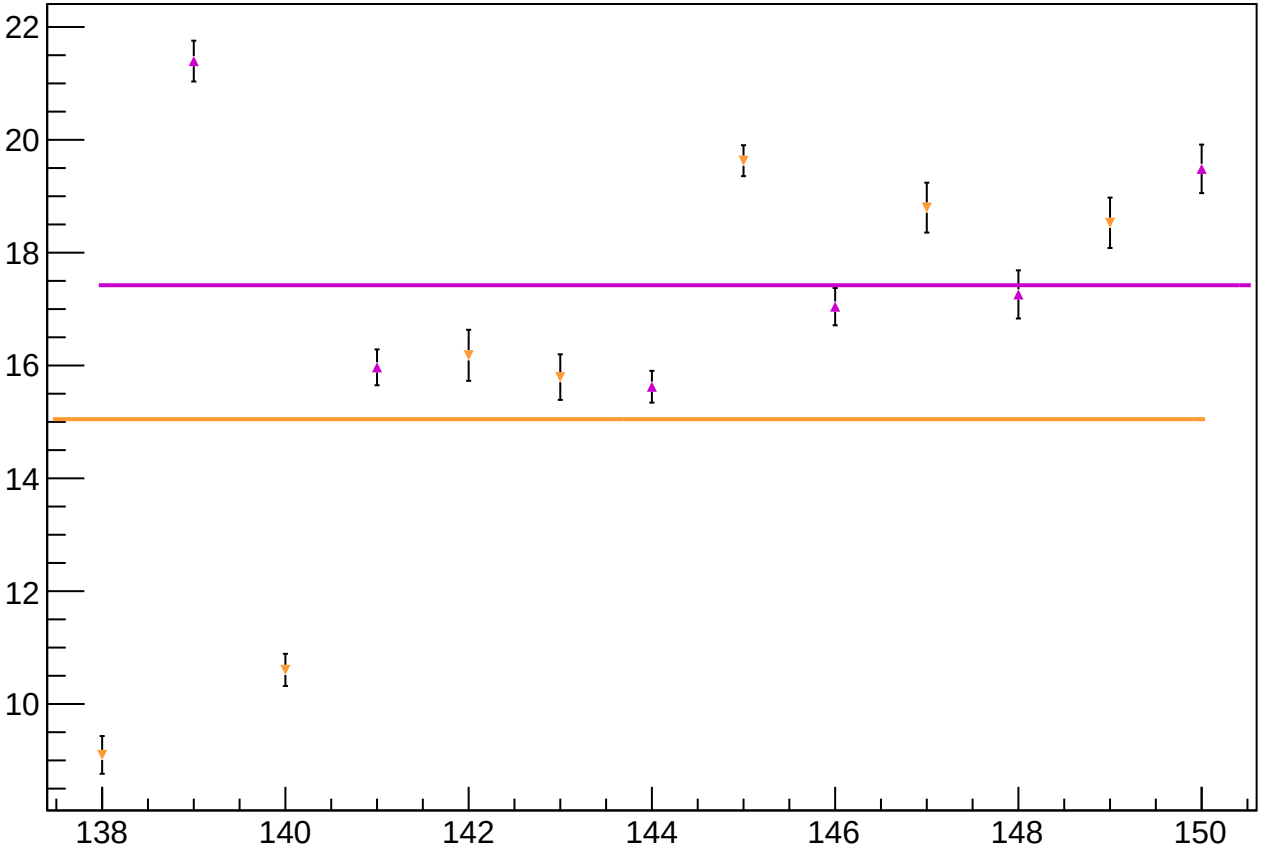
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: 0.014+/-0.009 χ^2/NDF:718.8/22

Out: 0.003+/-0.009 χ^2/NDF:689.6/25

All: 0.009+/-0.007 χ^2/NDF: 1409.1/48

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 15.049+/-0.134 χ^2/NDF:980.8/6

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

Left In: 17.423+/-0.141 χ^2/NDF:206.6/5

Left: 16.174+/-0.097 χ^2/NDF: 1336.2/12

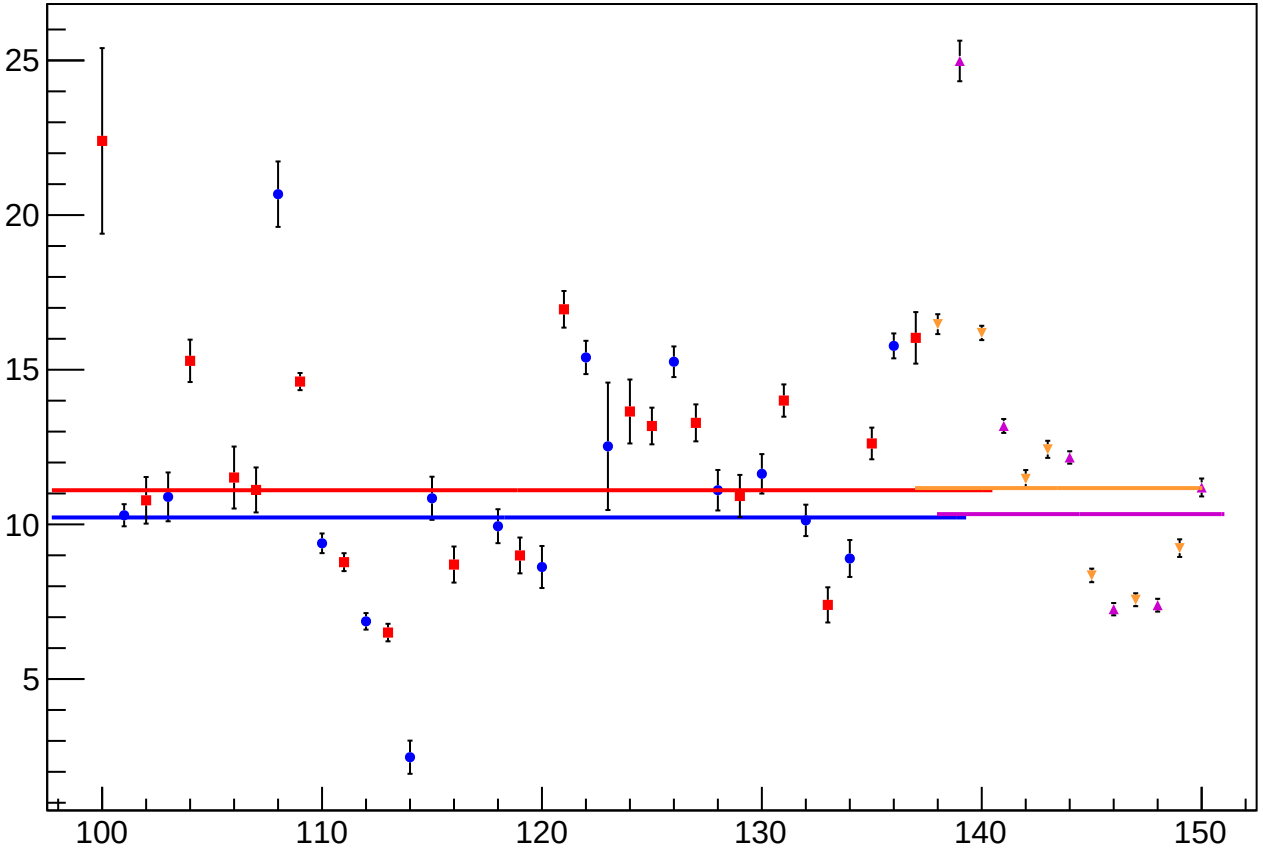
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.423+/-0.141 χ^2/NDF:206.6/5

Out: 15.049+/-0.134 χ^2/NDF:980.8/6

All: 16.174+/-0.097 χ^2/NDF: 1336.2/12

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 11.174+/-0.096 χ^2/NDF:1271.9/6

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.332+/-0.097 χ^2/NDF:1191.0/5

Left: 10.758+/-0.068 χ^2/NDF: 2501.4/12

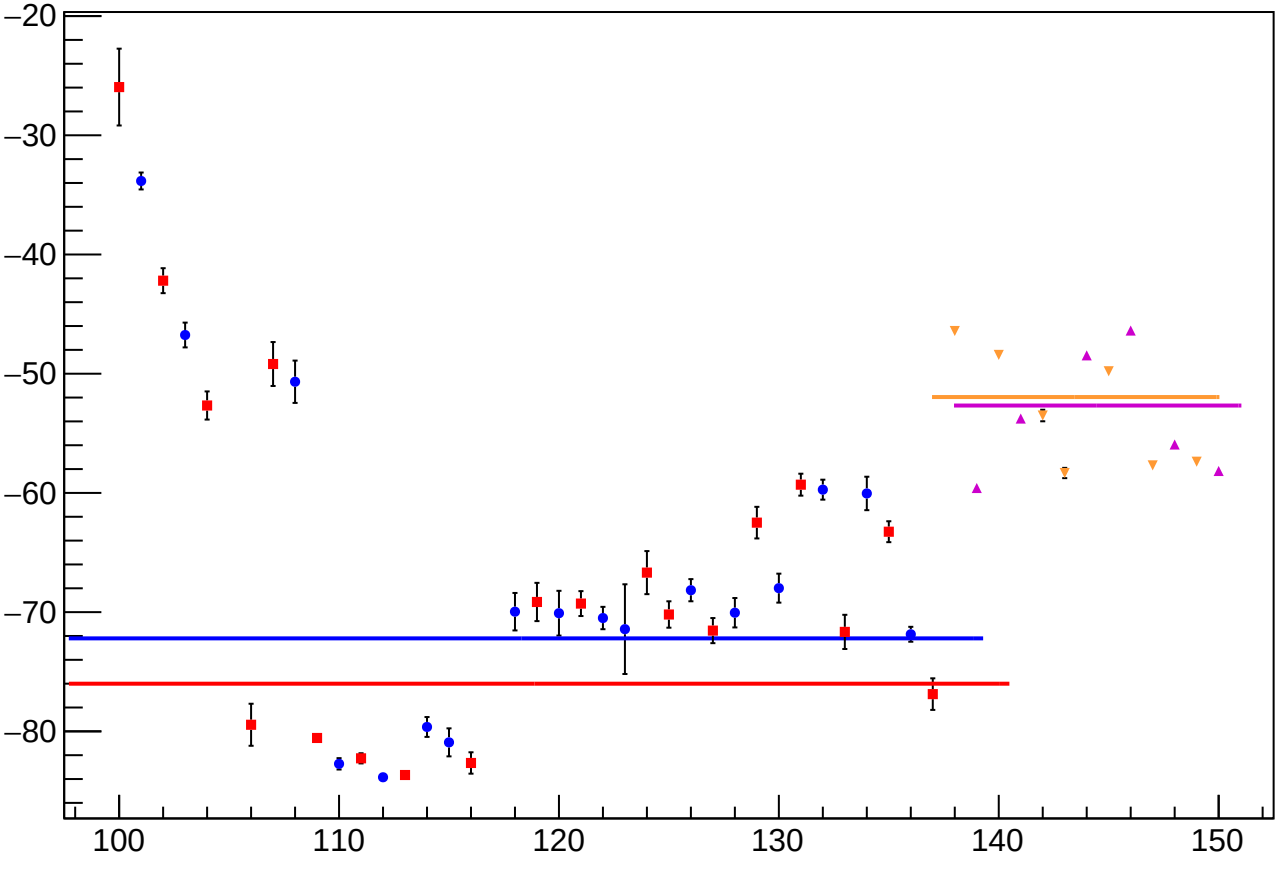
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.289+/-0.075 χ^2/NDF:2069.1/22

Out: 11.146+/-0.074 χ^2/NDF:2089.3/25

All: 10.724+/-0.053 χ^2/NDF: 4224.7/48

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -51.957+/-0.139 χ^2/NDF:1013.9/6

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -52.669+/-0.143 χ^2/NDF:1164.3/5

Left: -52.304+/-0.100 χ^2/NDF: 2190.8/12

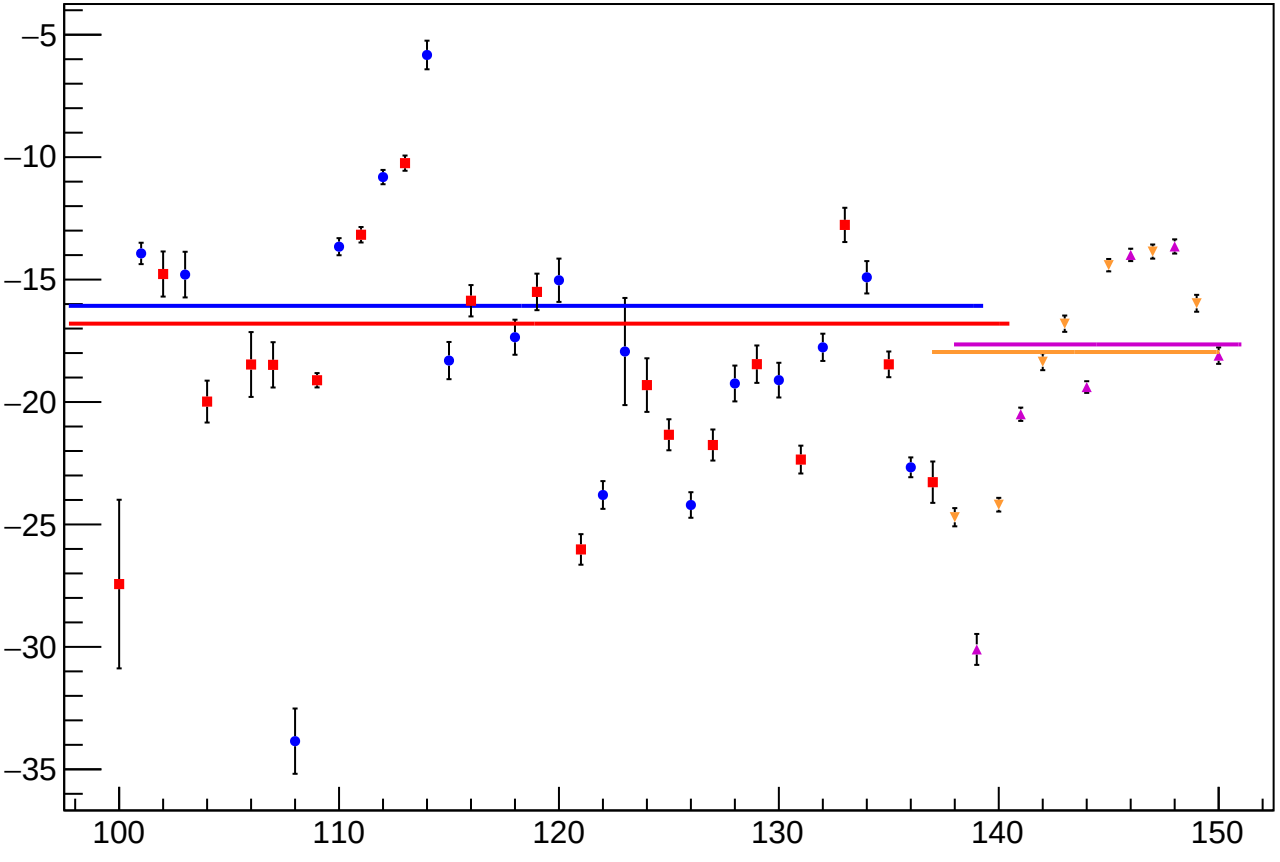
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -59.402+/-0.116 χ^2/NDF:13127.7/22

Out: -60.922+/-0.110 χ^2/NDF:15556.4/25

All: -60.199+/-0.080 χ^2/NDF: 28774.1/48

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.957+/-0.117 χ^2/NDF:1268.5/6

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.648+/-0.120 χ^2/NDF:952.5/5

Left: -17.806+/-0.084 χ^2/NDF: 2224.4/12

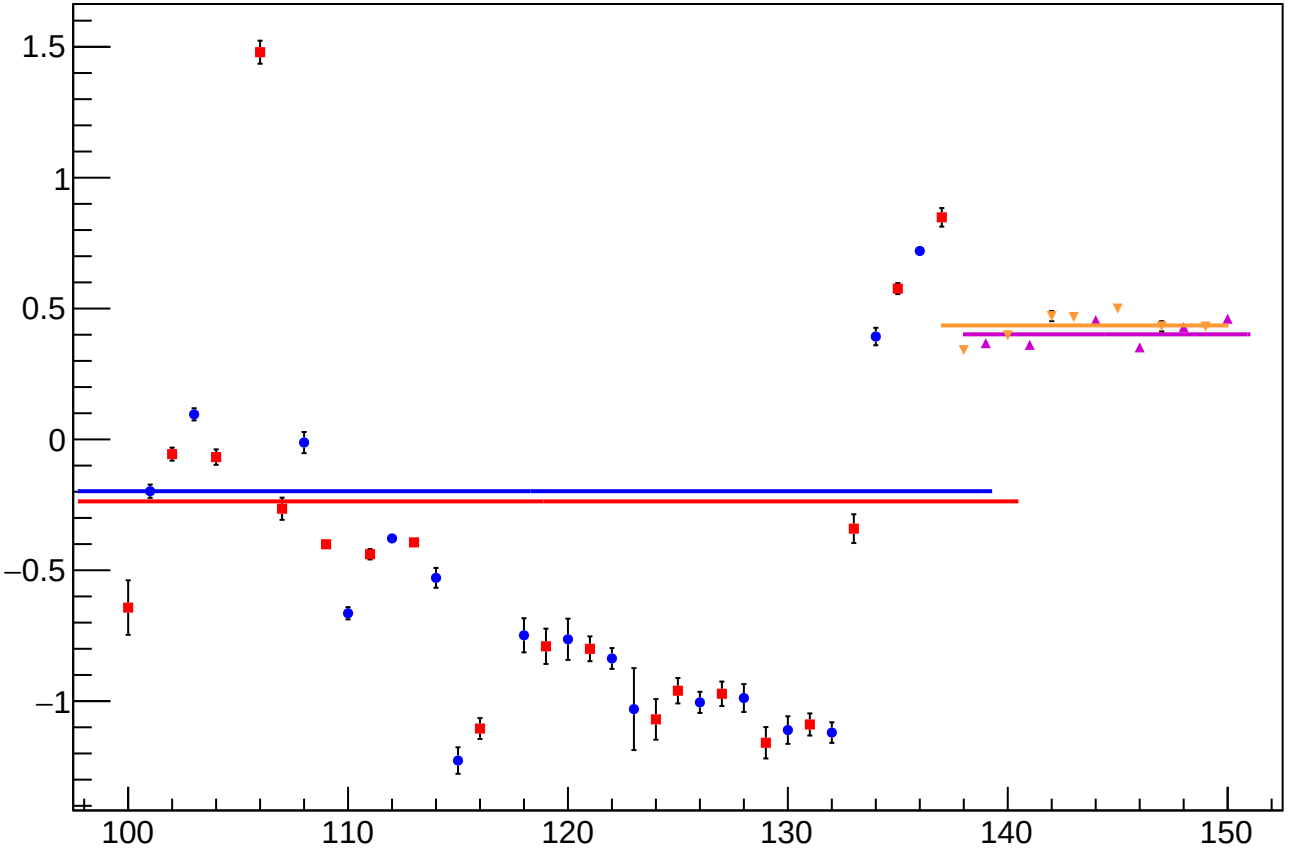
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -16.939+/-0.089 χ^2/NDF:2671.6/22

Out: -17.432+/-0.086 χ^2/NDF:2528.8/25

All: -17.192+/-0.062 χ^2/NDF: 5216.3/48

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.436+/-0.006 χ^2/NDF:89.3/6

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.401+/-0.006 χ^2/NDF:58.3/5

Left: 0.419+/-0.004 χ^2/NDF: 164.3/12

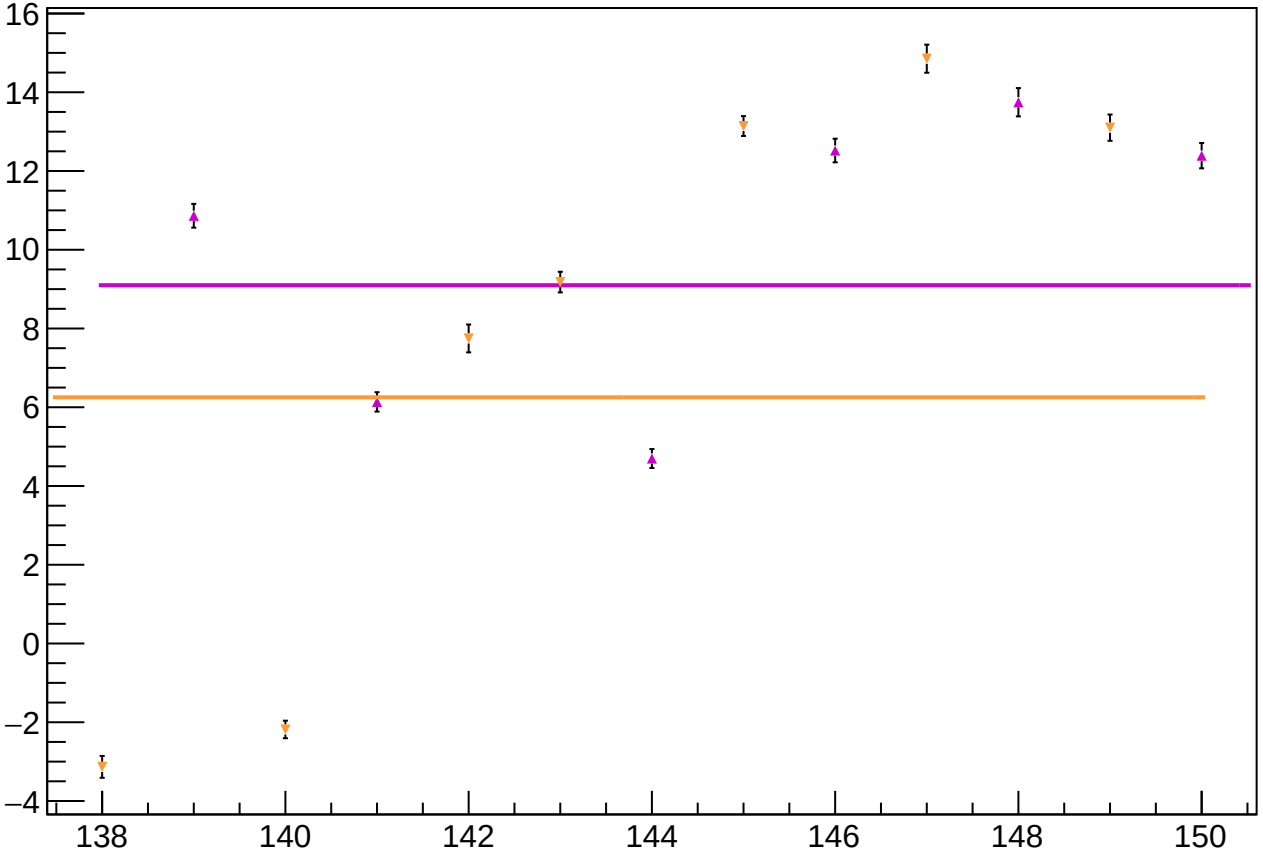
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.170+/-0.005 χ^2/NDF:10276.2/22

Out: 0.170+/-0.005 χ^2/NDF:11628.0/25

All: 0.170+/-0.003 χ^2/NDF: 21904.2/48

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 6.253+/-0.106 χ^2/NDF:4469.3/6

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

Left In: 9.100+/-0.117 χ^2/NDF:916.1/5

Left: 7.545+/-0.079 χ^2/NDF: 5710.0/12

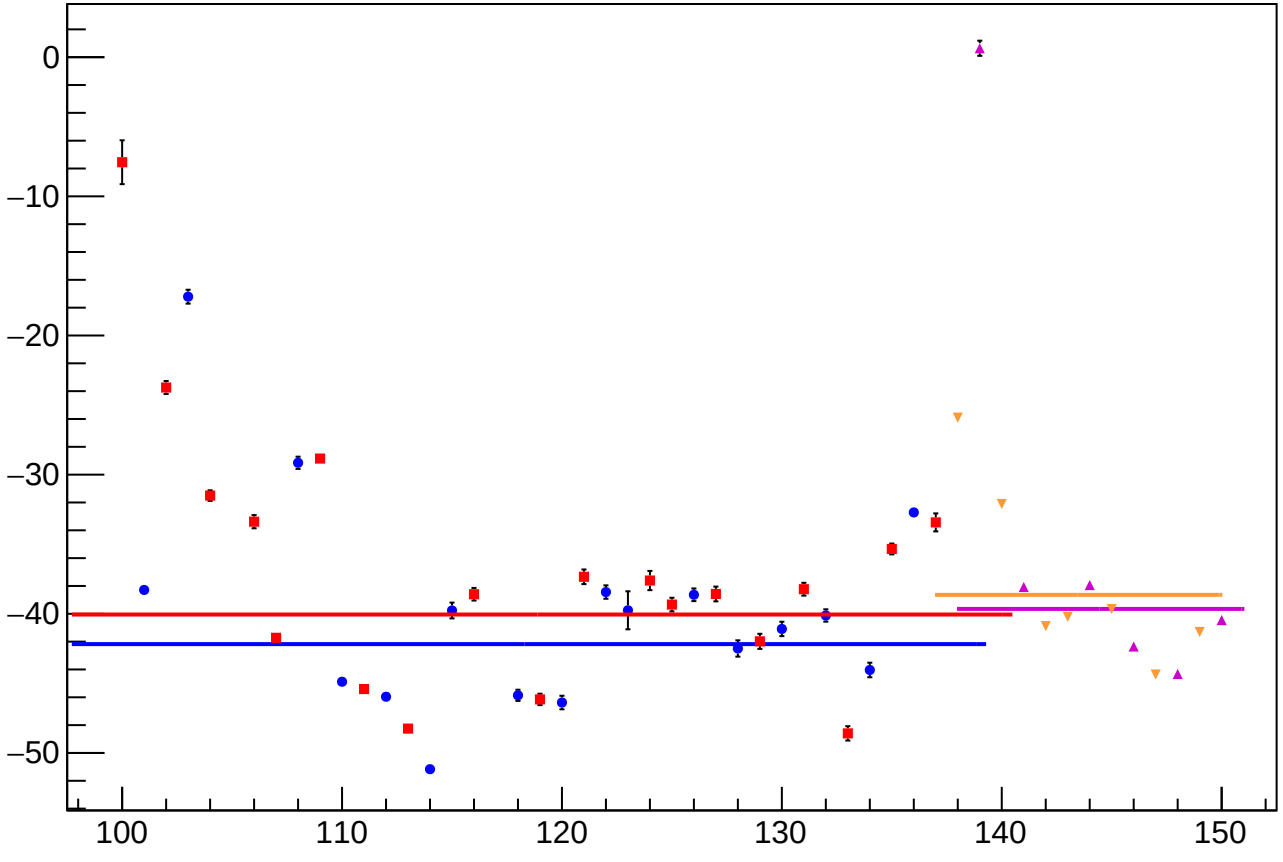
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.100+/-0.117 χ^2/NDF:916.1/5

Out: 6.253+/-0.106 χ^2/NDF:4469.3/6

All: 7.545+/-0.079 χ^2/NDF: 5710.0/12

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -38.638+/-0.075 χ^2/NDF:5033.2/6

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -39.648+/-0.081 χ^2/NDF:6585.2/5

Left: -39.108+/-0.055 χ^2/NDF: 11701.7/12

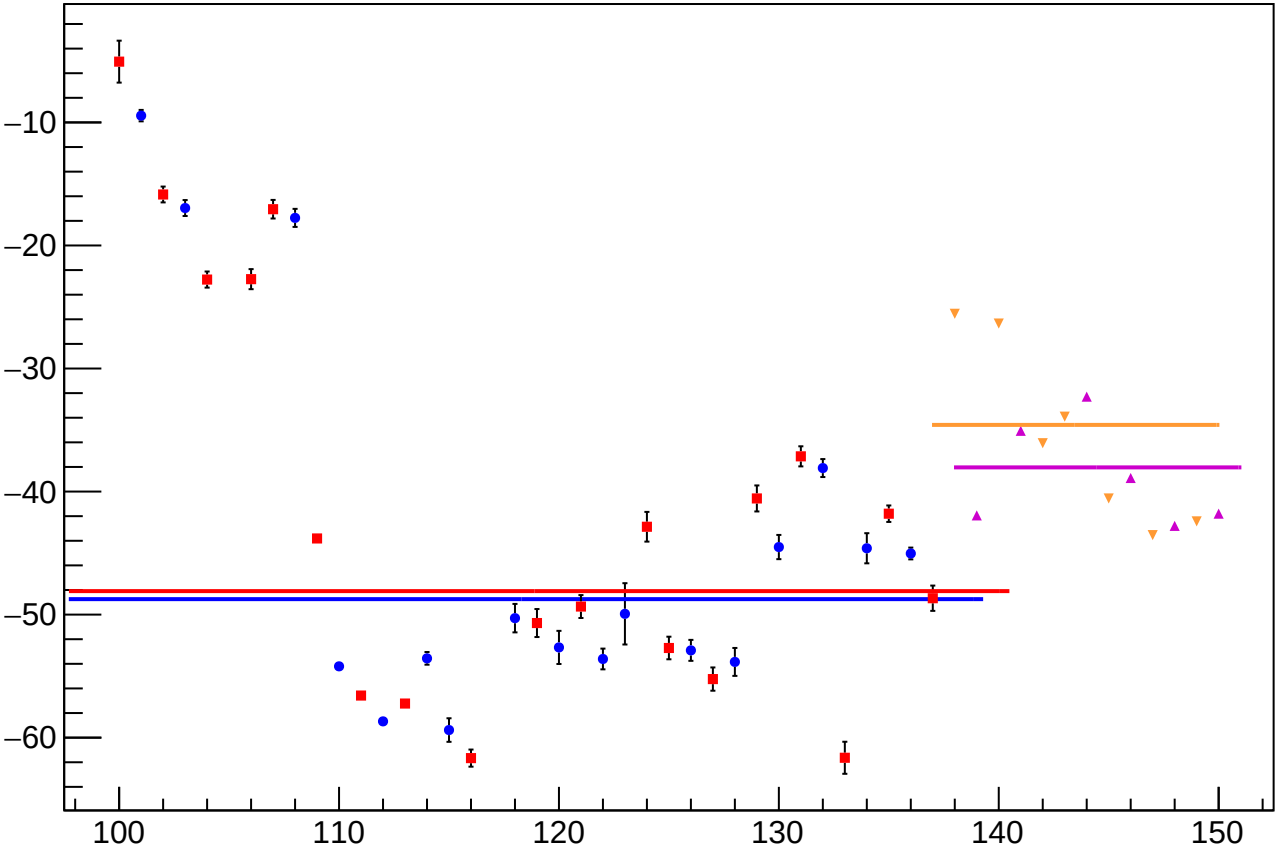
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -40.964+/-0.056 χ^2/NDF:13667.0/22

Out: -39.371+/-0.052 χ^2/NDF:16528.6/25

All: -40.113+/-0.038 χ^2/NDF: 30626.9/48

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -34.582+/-0.111 χ^2/NDF:3981.4/6

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -38.036+/-0.119 χ^2/NDF:1135.1/5

Left: -36.187+/-0.081 χ^2/NDF: 5569.6/12

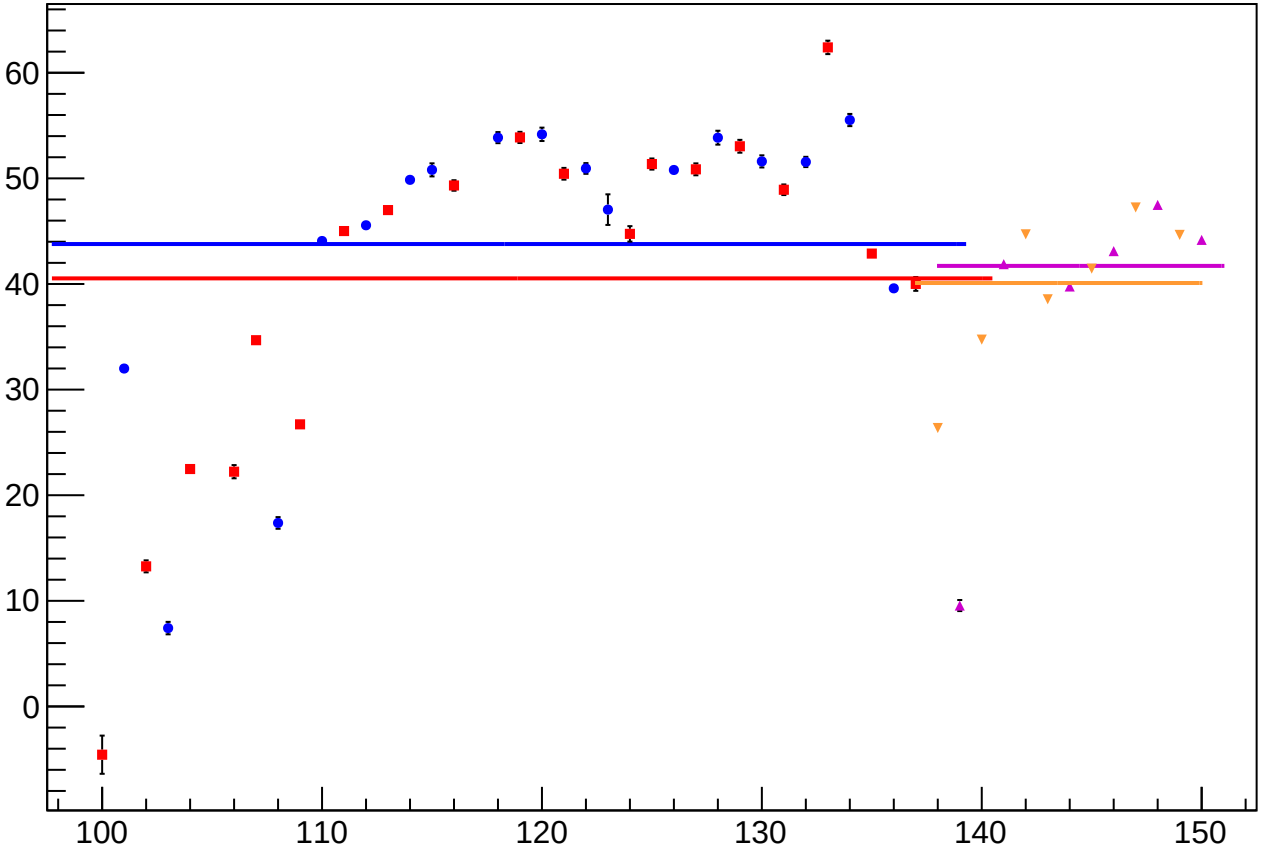
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -43.137+/-0.086 χ^2/NDF:19670.8/22

Out: -41.546+/-0.077 χ^2/NDF:23403.9/25

All: -42.255+/-0.057 χ^2/NDF: 43265.0/48

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.093+/-0.092 χ^2/NDF:4177.1/6

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 41.714+/-0.099 χ^2/NDF:4542.4/5

Left: 40.842+/-0.068 χ^2/NDF: 8862.2/12

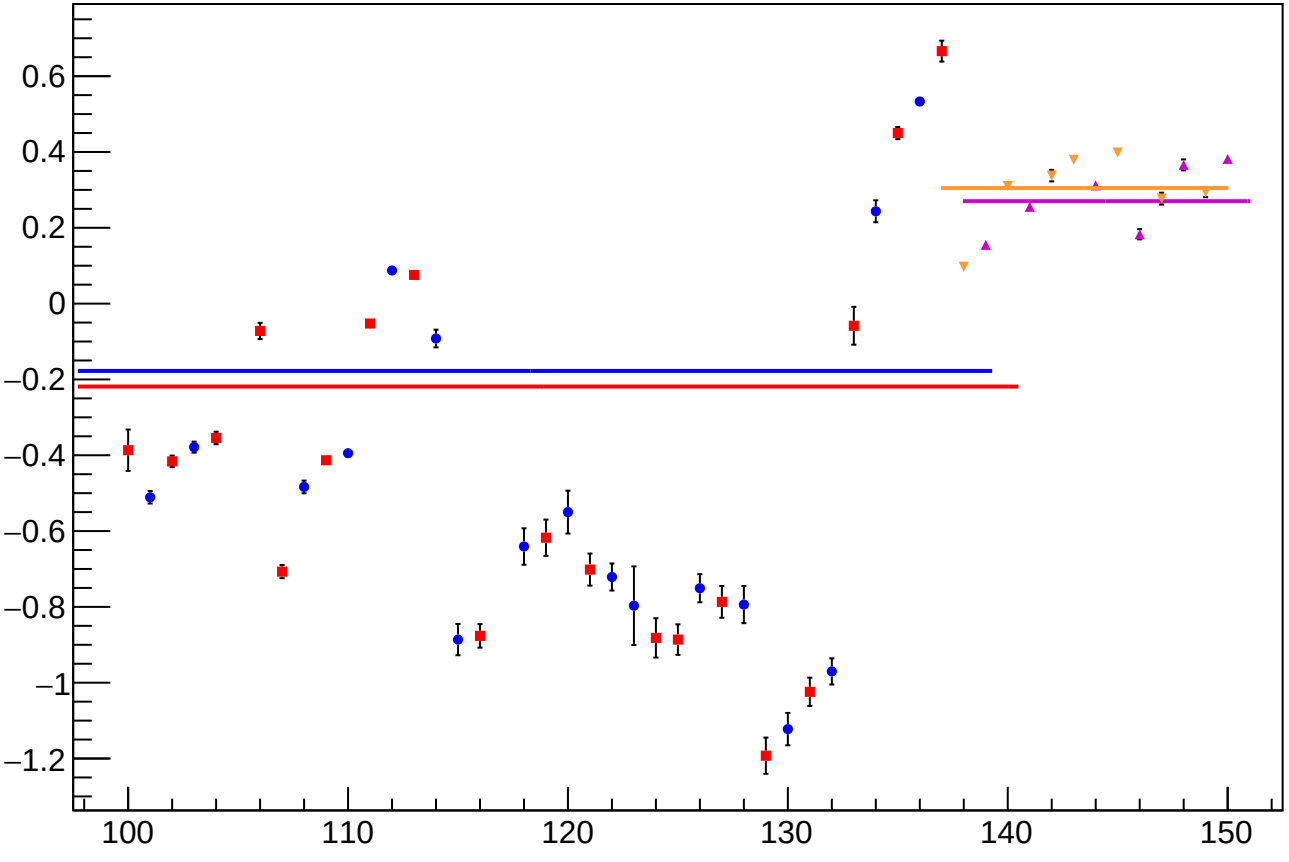
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 42.890+/-0.065 χ^2/NDF:15427.2/22

Out: 40.342+/-0.061 χ^2/NDF:21770.6/25

All: 41.519+/-0.044 χ^2/NDF: 38016.4/48

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.305+/-0.005 χ^2/NDF:433.6/6

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.270+/-0.005 χ^2/NDF:280.7/5

Left: 0.289+/-0.003 χ^2/NDF: 740.7/12

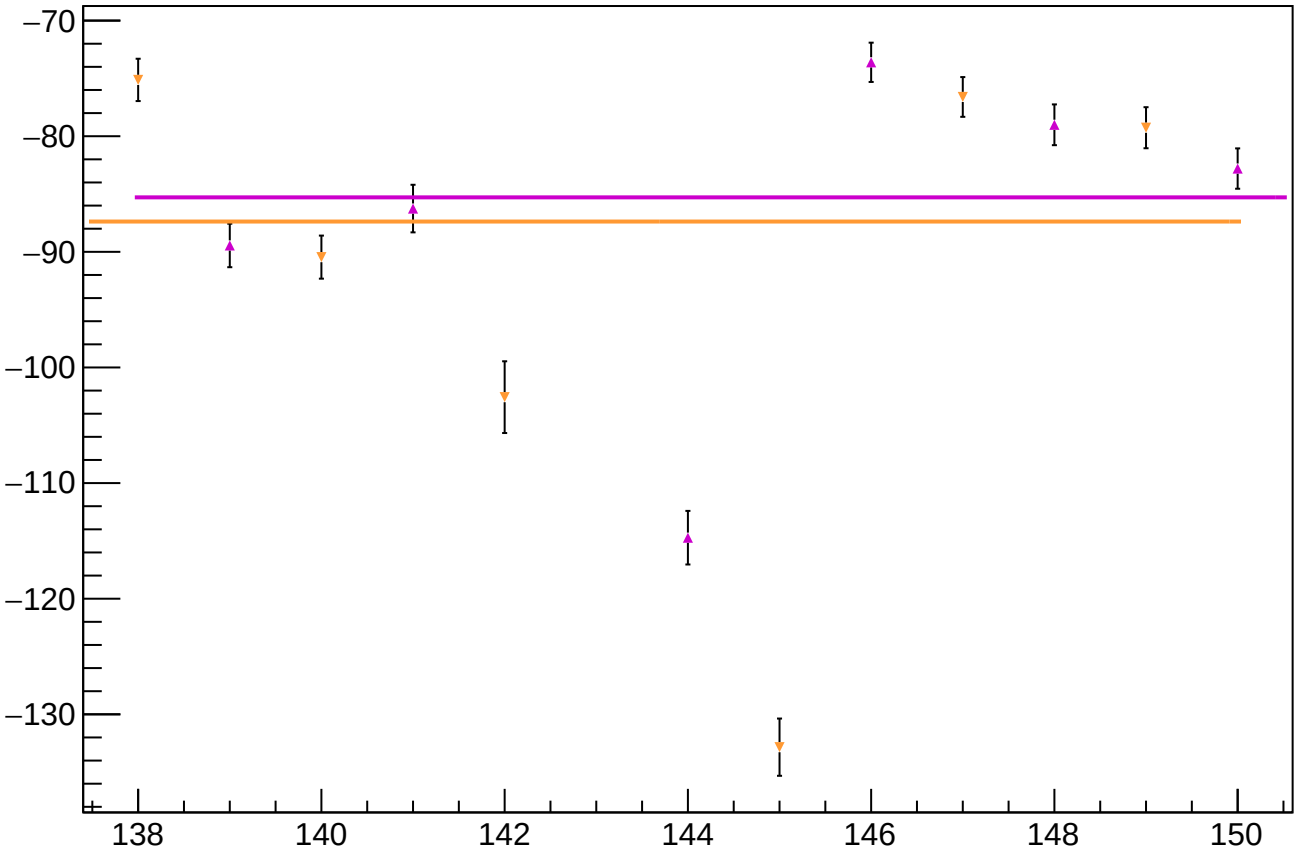
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.042+/-0.003 χ^2/NDF:11856.3/22

Out: 0.025+/-0.003 χ^2/NDF:14816.4/25

All: 0.033+/-0.002 χ^2/NDF: 26685.1/48

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -87.379+/-0.814 χ^2/NDF:468.9/5

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

Left In: -85.288+/-0.767 χ^2/NDF:228.4/5

Left: -86.271+/-0.558 χ^2/NDF: 700.8/11

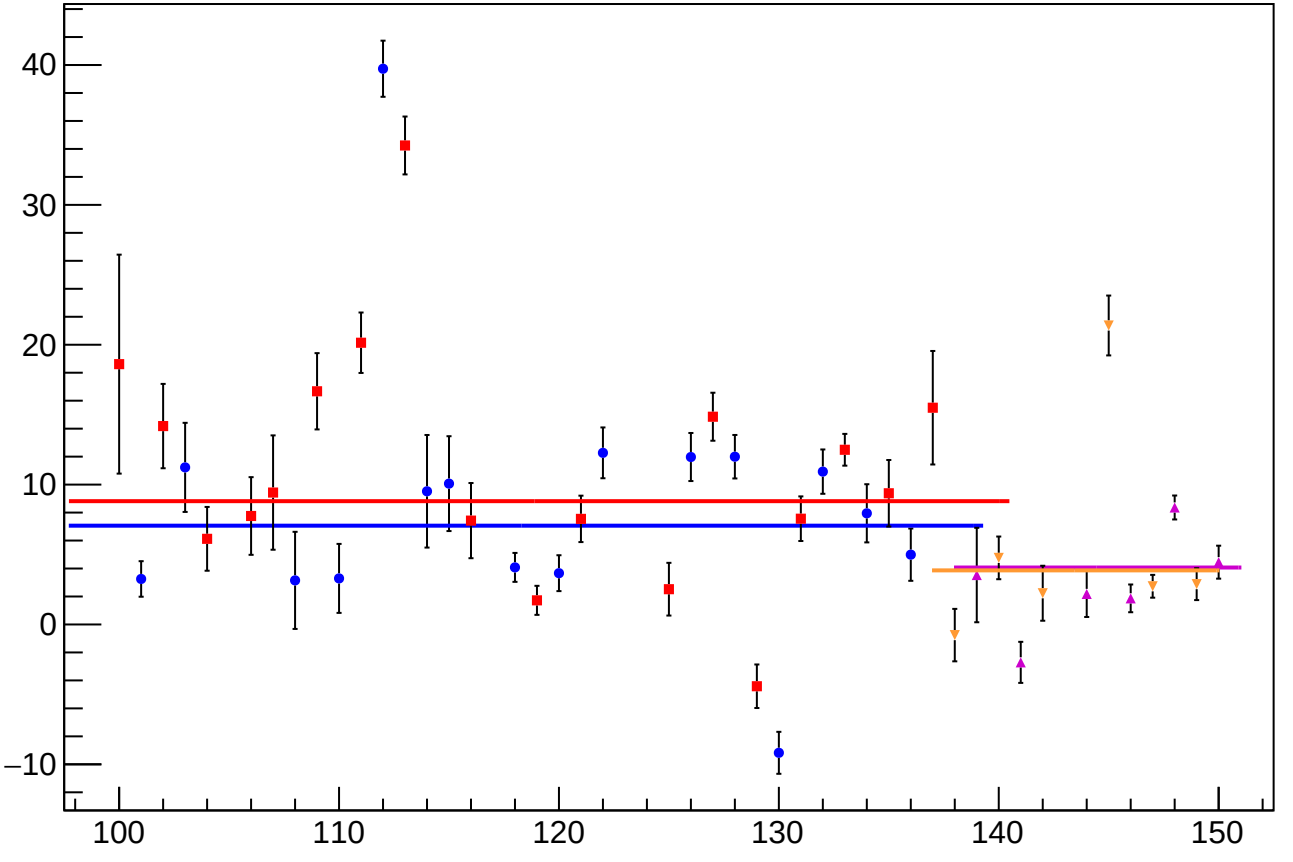
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -85.288+/-0.767 χ^2/NDF:228.4/5

Out: -87.379+/-0.814 χ^2/NDF:468.9/5

All: -86.271+/-0.558 χ^2/NDF: 700.8/11

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.867+/-0.537 χ^2/NDF:76.8/5

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 4.072+/-0.499 χ^2/NDF:52.9/5

Left: 3.977+/-0.365 χ^2/NDF: 129.7/11

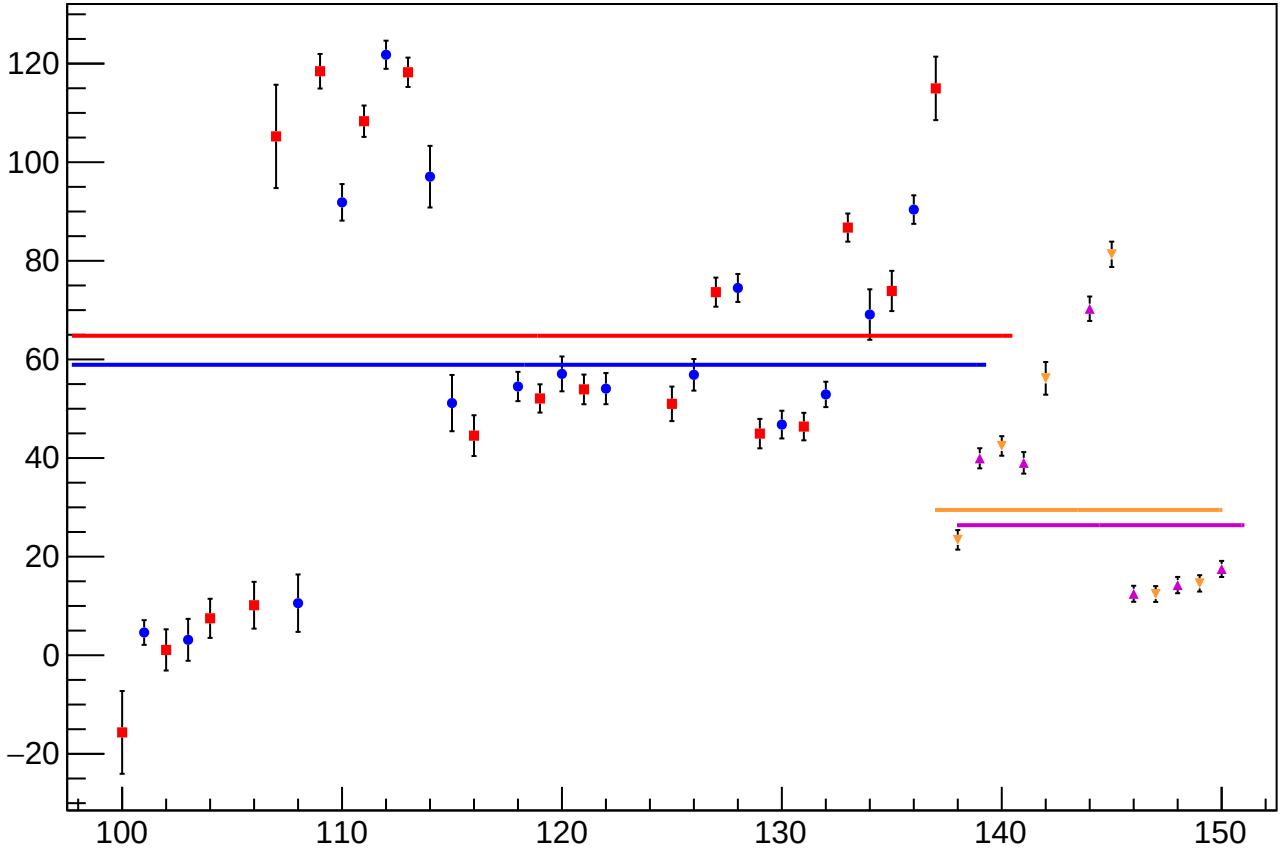
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 5.775+/-0.327 χ^2/NDF:520.2/21

Out: 6.781+/-0.345 χ^2/NDF:477.1/23

All: 6.252+/-0.237 χ^2/NDF: 1001.8/45

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 29.476+/-0.816 χ^2/NDF:717.5/5

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 26.383+/-0.760 χ^2/NDF:548.5/5

Left: 27.819+/-0.556 χ^2/NDF: 1273.7/11

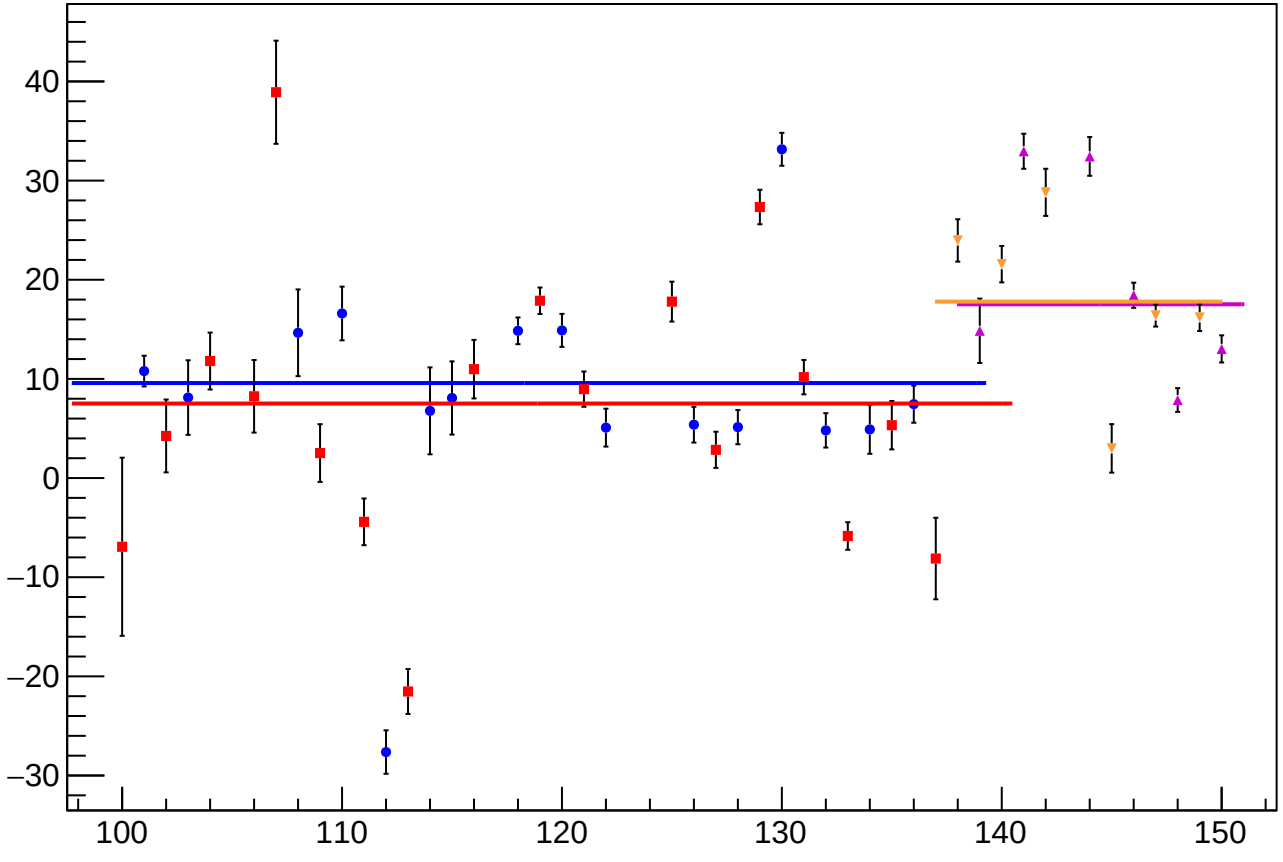
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 41.184+/-0.561 χ^2/NDF:2879.5/21

Out: 46.625+/-0.585 χ^2/NDF:3345.3/23

All: 43.788+/-0.405 χ^2/NDF: 6269.8/45

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 17.794+/-0.677 χ^2/NDF:73.5/5

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 17.527+/-0.629 χ^2/NDF:211.7/5

Left: 17.651+/-0.461 χ^2/NDF: 285.3/11

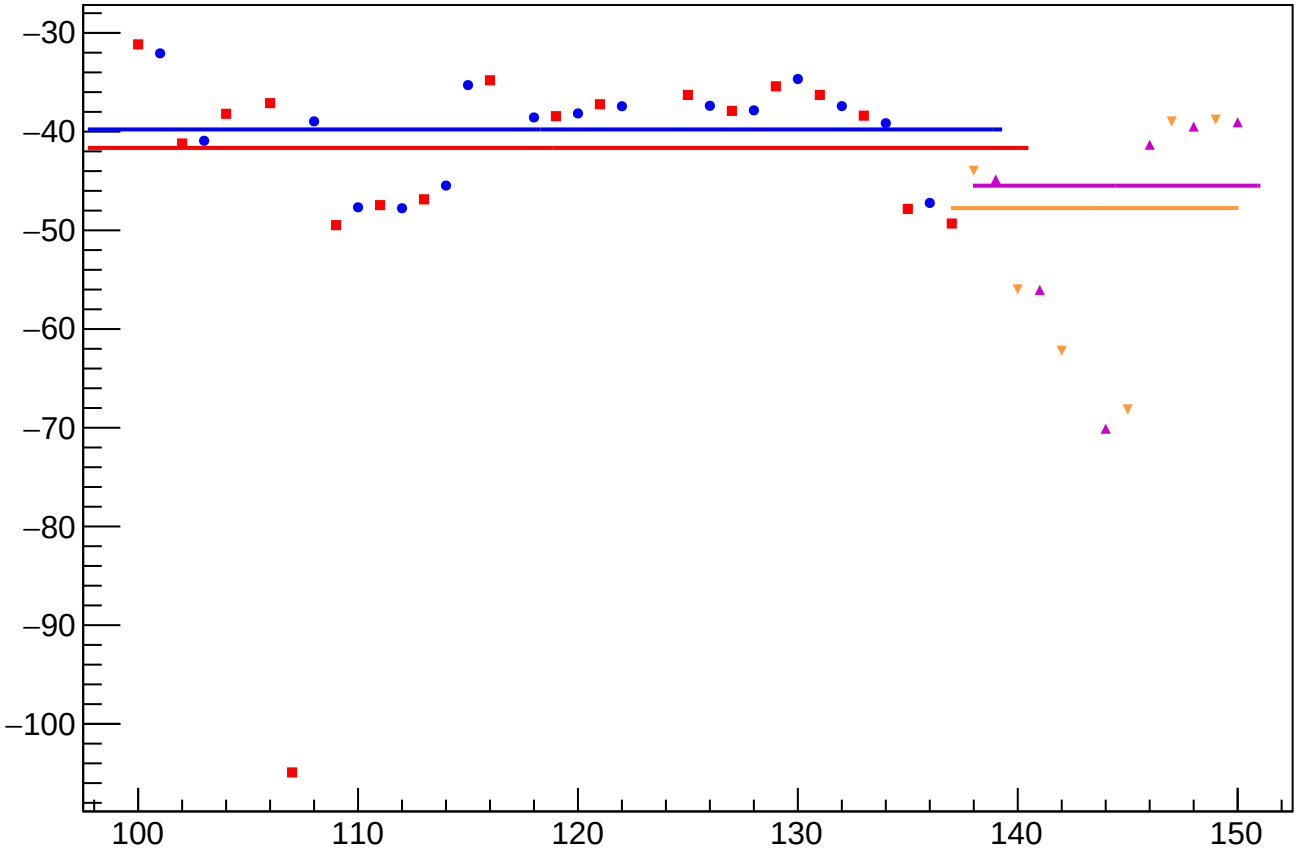
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 12.670+/-0.392 χ^2/NDF:863.8/21

Out: 11.286+/-0.410 χ^2/NDF:789.1/23

All: 12.010+/-0.283 χ^2/NDF: 1658.8/45

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -47.743+/-0.035 χ^2/NDF:92281.7/5

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -45.476+/-0.032 χ^2/NDF:84646.5/5

Left: -46.496+/-0.023 χ^2/NDF: 179240.1/11

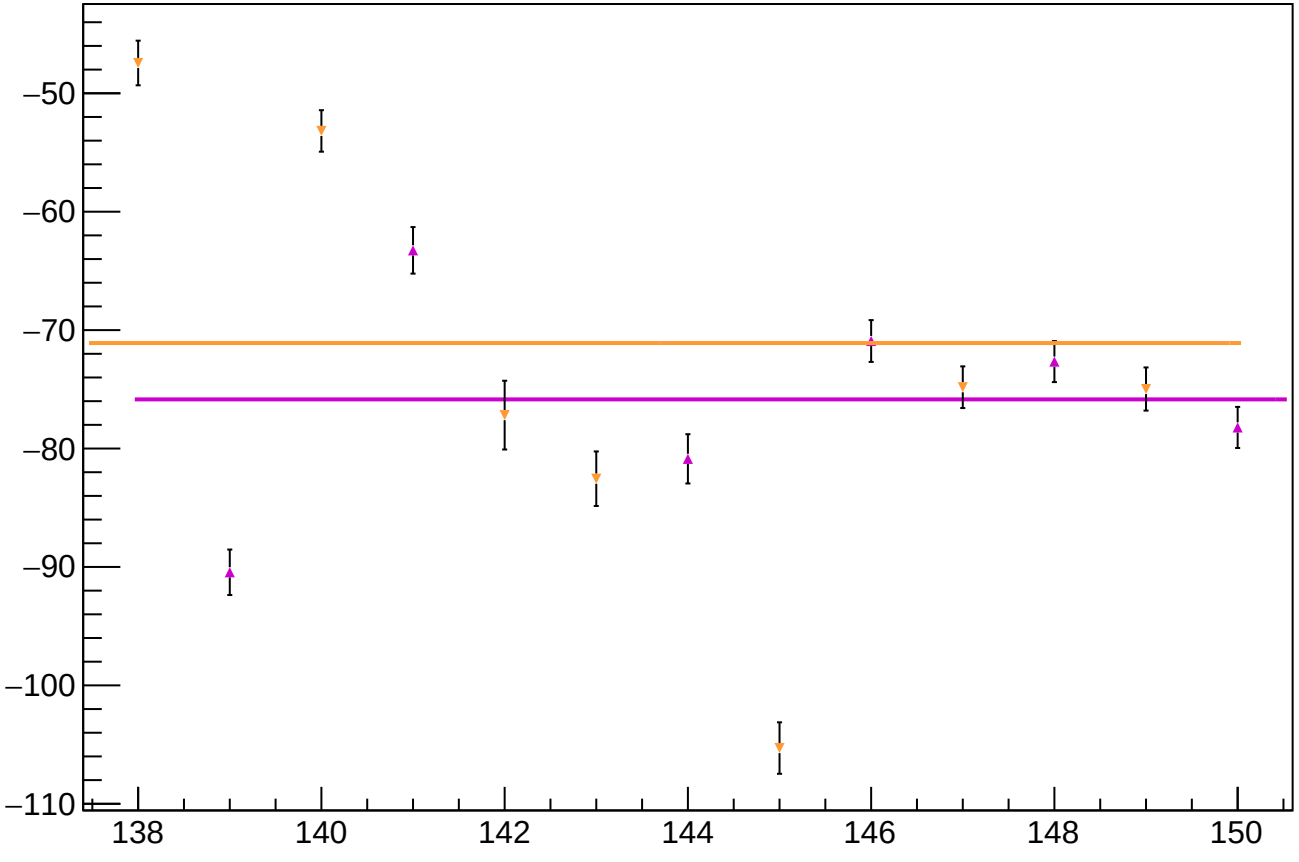
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -42.575+/-0.022 χ^2/NDF:127325.6/21

Out: -44.350+/-0.023 χ^2/NDF:203643.3/23

All: -43.419+/-0.016 χ^2/NDF: 334020.7/45

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -71.092+/-0.756 χ^2/NDF:547.6/6

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

Left In: -75.850+/-0.756 χ^2/NDF:117.7/5

Left: -73.470+/-0.535 χ^2/NDF: 685.1/12

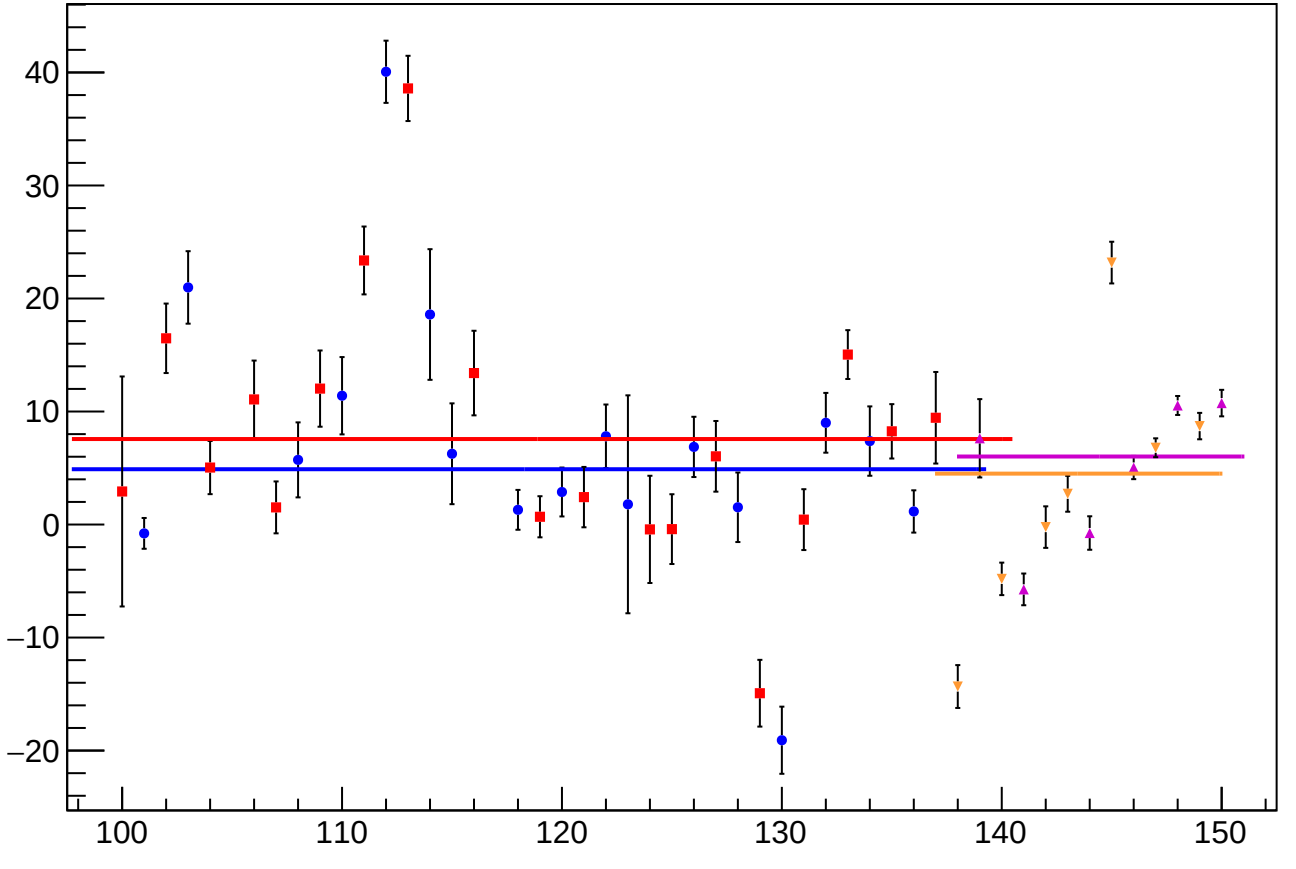
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -75.850+/-0.756 χ^2/NDF:117.7/5

Out: -71.092+/-0.756 χ^2/NDF:547.6/6

All: -73.470+/-0.535 χ^2/NDF: 685.1/12

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 4.504+/-0.505 χ^2/NDF:271.5/6

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 6.019+/-0.491 χ^2/NDF:137.4/5

Left: 5.282+/-0.352 χ^2/NDF: 413.5/12

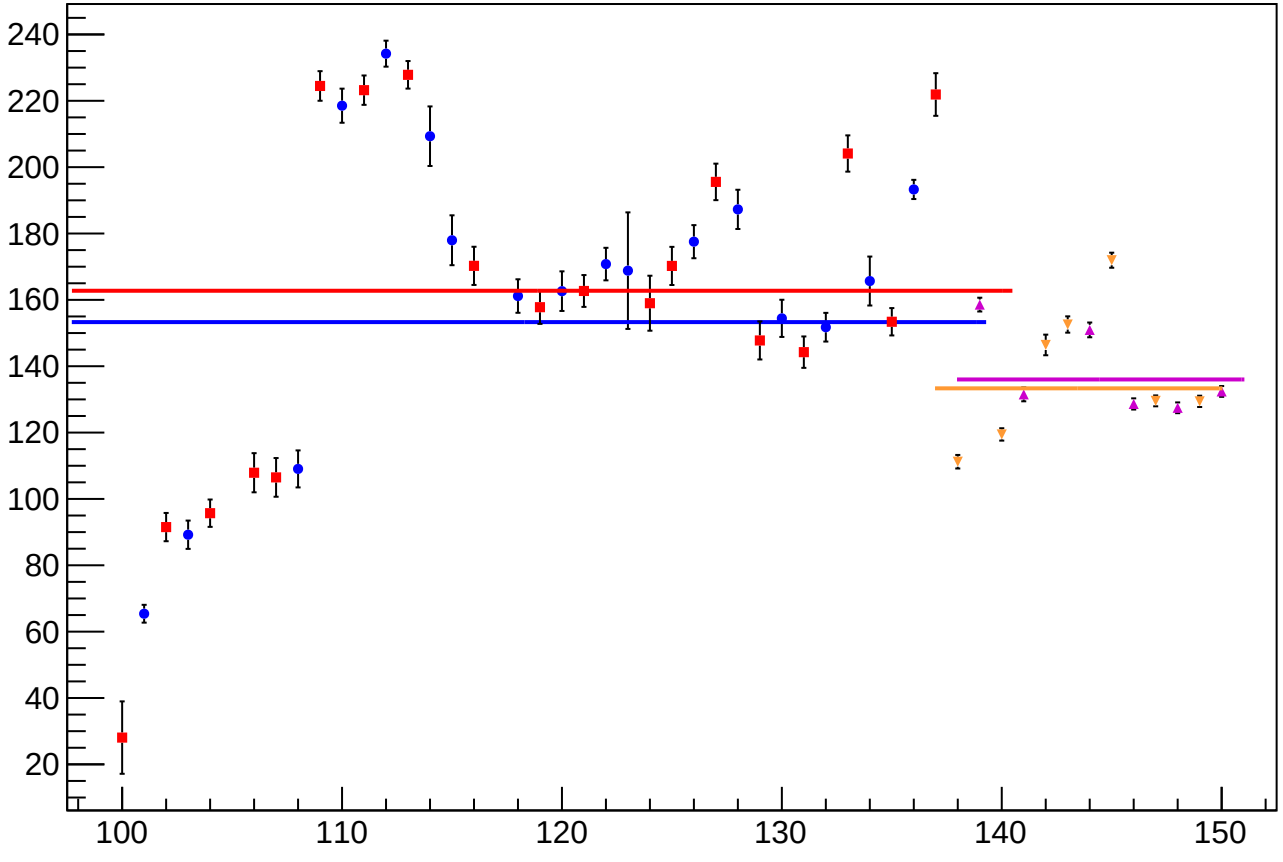
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 5.586+/-0.385 χ^2/NDF:434.8/22

Out: 5.654+/-0.399 χ^2/NDF:555.5/25

All: 5.618+/-0.277 χ^2/NDF: 990.3/48

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 133.332+/-0.766 χ^2/NDF:551.6/6

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 136.010+/-0.751 χ^2/NDF:219.3/5

Left: 134.697+/-0.536 χ^2/NDF: 777.1/12

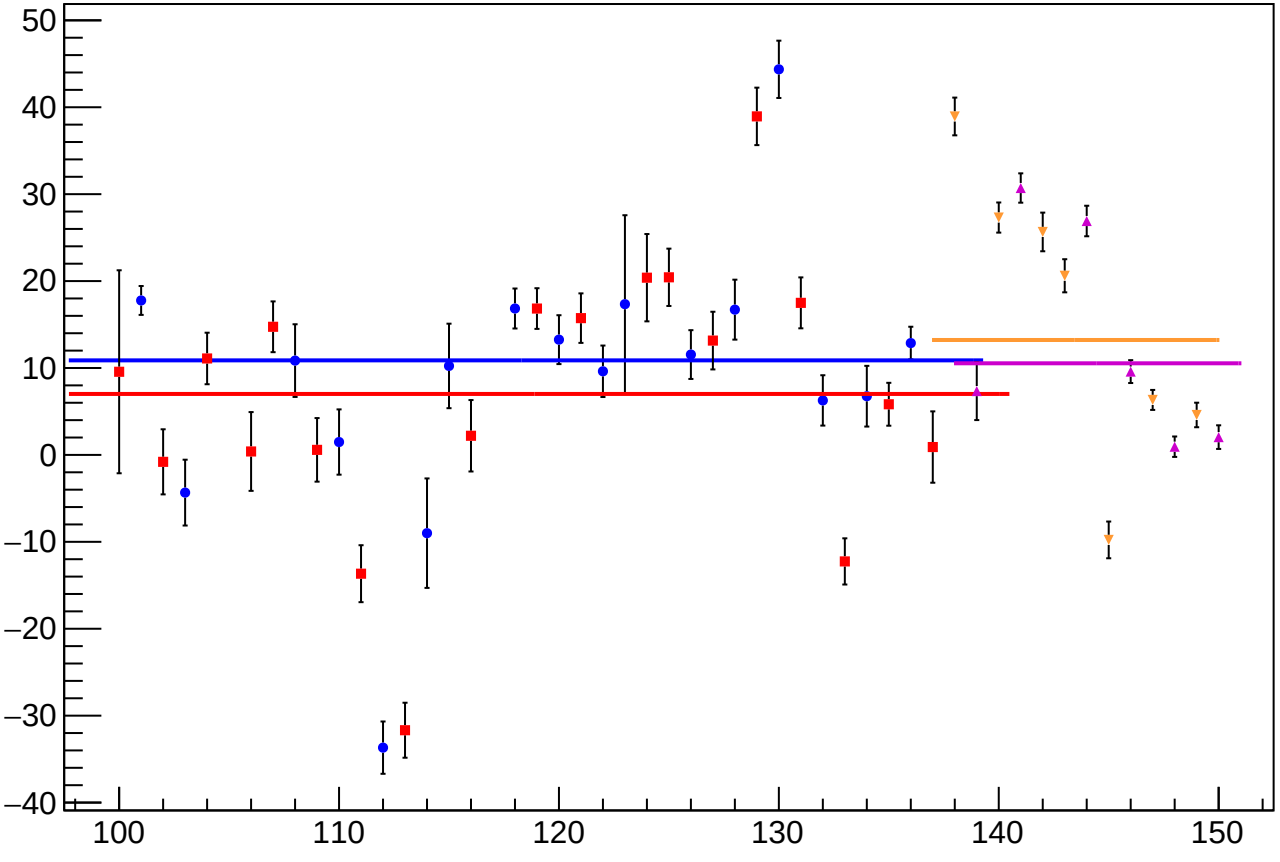
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 141.212+/-0.628 χ^2/NDF:2645.5/22

Out: 142.087+/-0.642 χ^2/NDF:2699.2/25

All: 141.640+/-0.449 χ^2/NDF: 5345.7/48

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 13.223+/-0.632 χ^2/NDF:444.5/6

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 10.541+/-0.619 χ^2/NDF:336.9/5

Left: 11.854+/-0.442 χ^2/NDF: 790.6/12

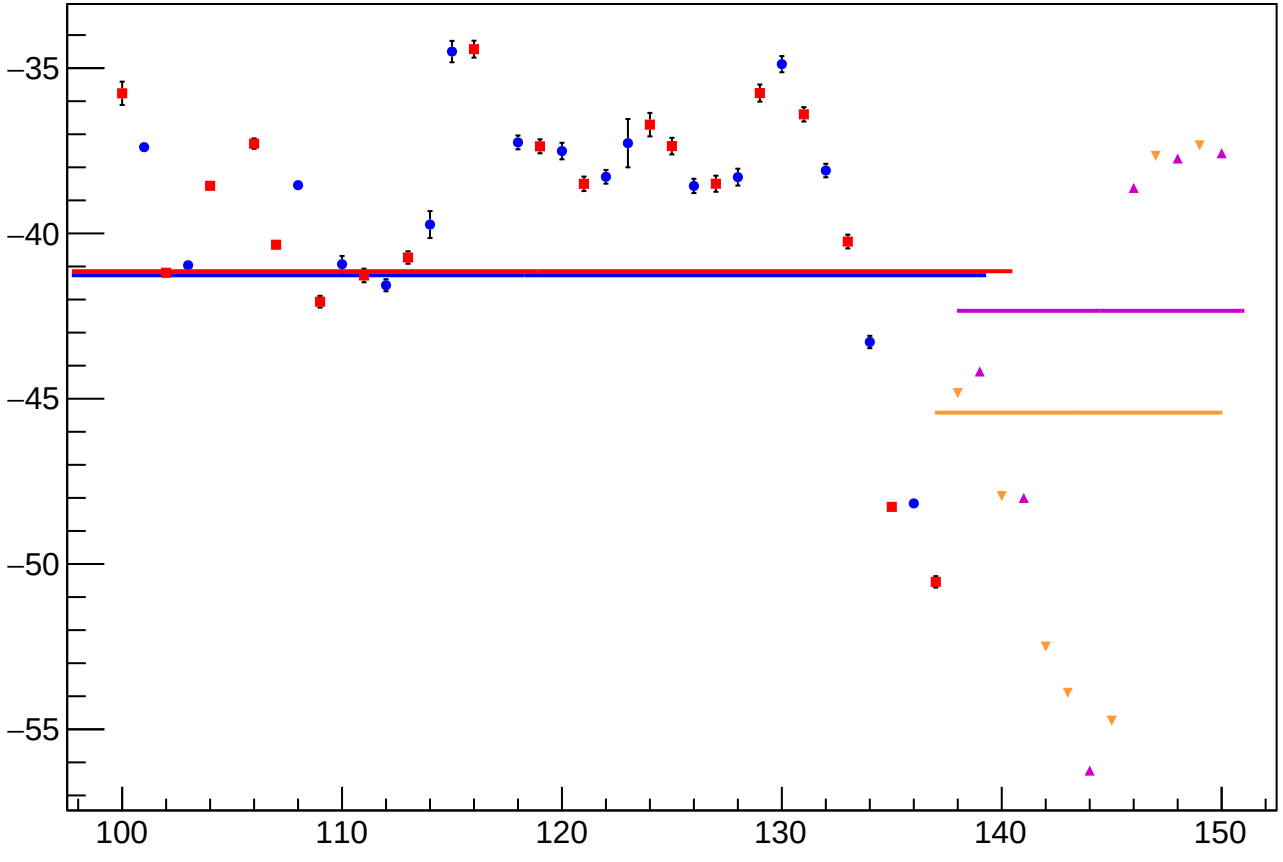
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 10.685+/-0.468 χ^2/NDF:725.1/22

Out: 10.638+/-0.483 χ^2/NDF:909.2/25

All: 10.662+/-0.336 χ^2/NDF: 1634.3/48

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -45.420+/-0.033 χ^2/NDF:44405.5/6

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -42.340+/-0.031 χ^2/NDF:37127.7/5

Left: -43.821+/-0.023 χ^2/NDF: 86188.3/12

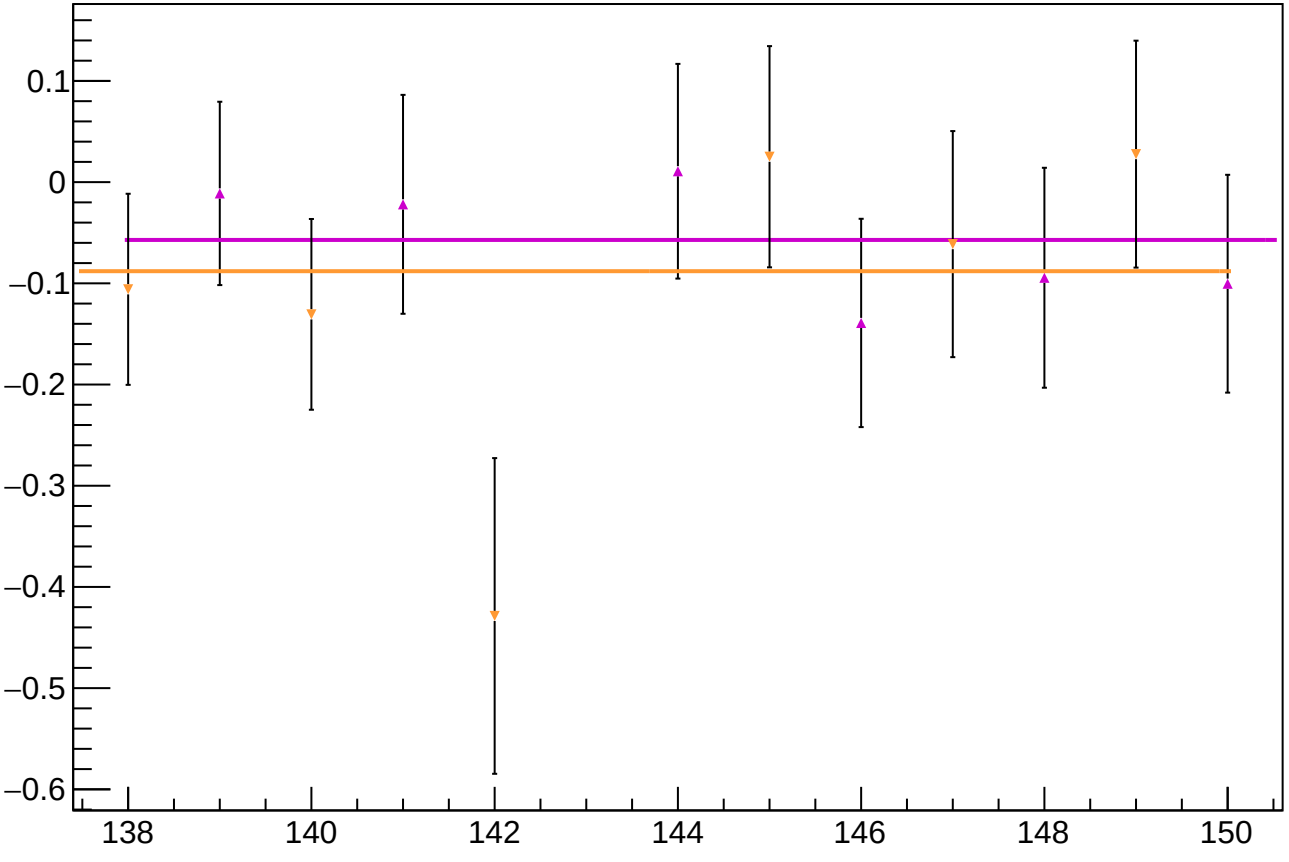
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -41.912+/-0.024 χ^2/NDF:50166.9/22

Out: -43.645+/-0.025 χ^2/NDF:63797.0/25

All: -42.758+/-0.017 χ^2/NDF: 116447.8/48

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.088+/-0.044 χ^2/NDF:7.2/5

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

Left In: -0.057+/-0.042 χ^2/NDF:1.7/5

Left: -0.072+/-0.031 χ^2/NDF: 9.1/11

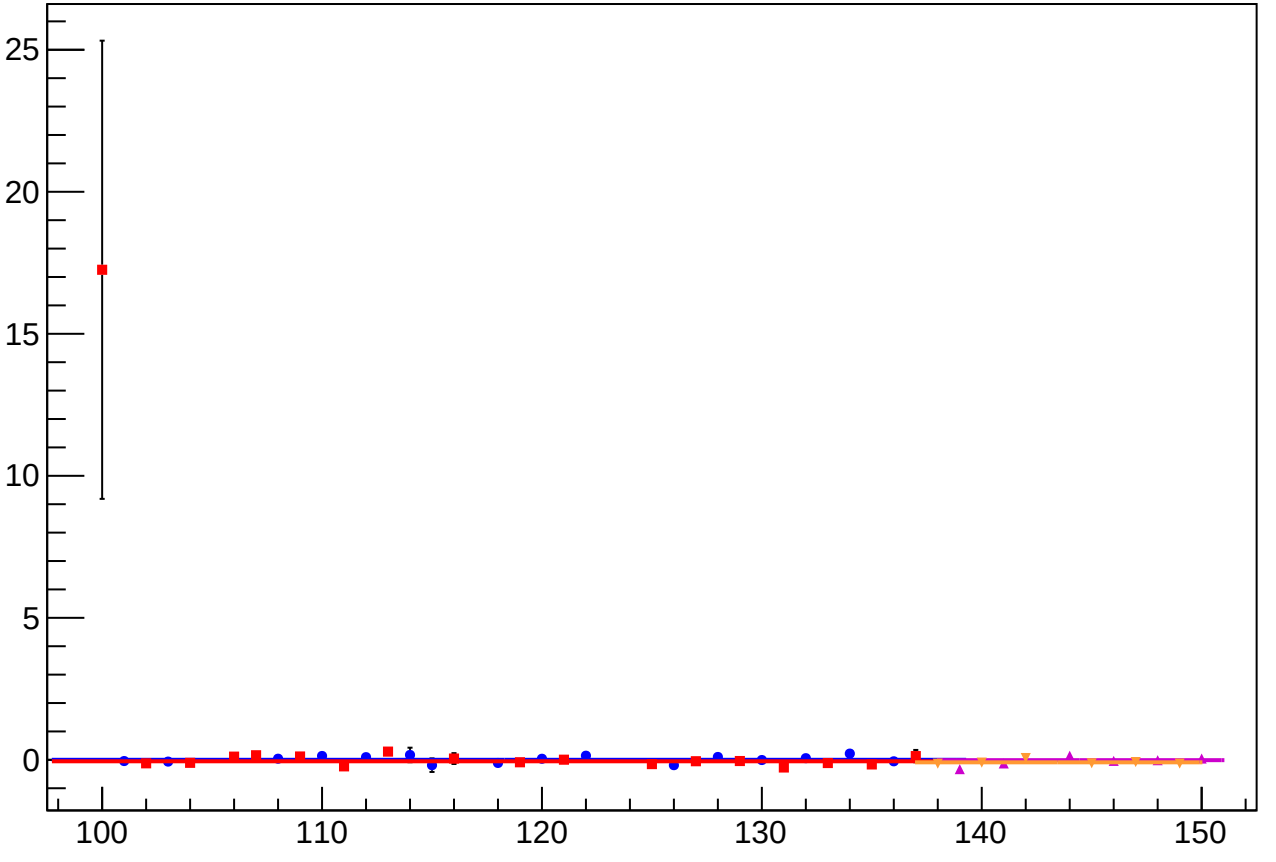
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.057+/-0.042 χ^2/NDF:1.7/5

Out: -0.088+/-0.044 χ^2/NDF:7.2/5

All: -0.072+/-0.031 χ^2/NDF: 9.1/11

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.087+/-0.031 χ^2/NDF:3.1/5

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.011+/-0.029 χ^2/NDF:10.9/5

Left: -0.046+/-0.021 χ^2/NDF: 17.2/11

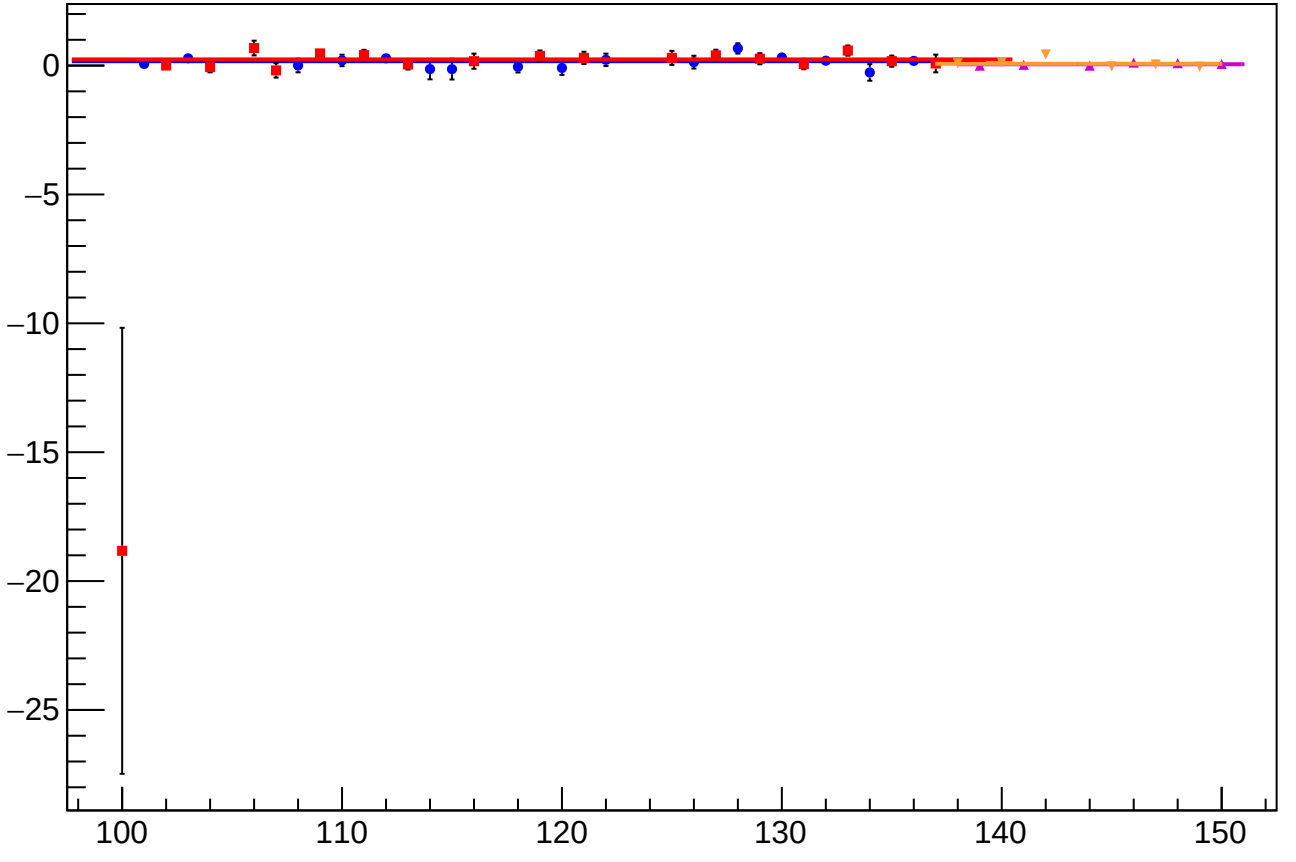
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.005+/-0.020 χ^2/NDF:23.6/21

Out: -0.068+/-0.021 χ^2/NDF:29.6/23

All: -0.035+/-0.015 χ^2/NDF: 57.8/45

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.070+/-0.045 χ^2/NDF:7.0/5

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.052+/-0.042 χ^2/NDF:1.2/5

Left: 0.061+/-0.031 χ^2/NDF: 8.3/11

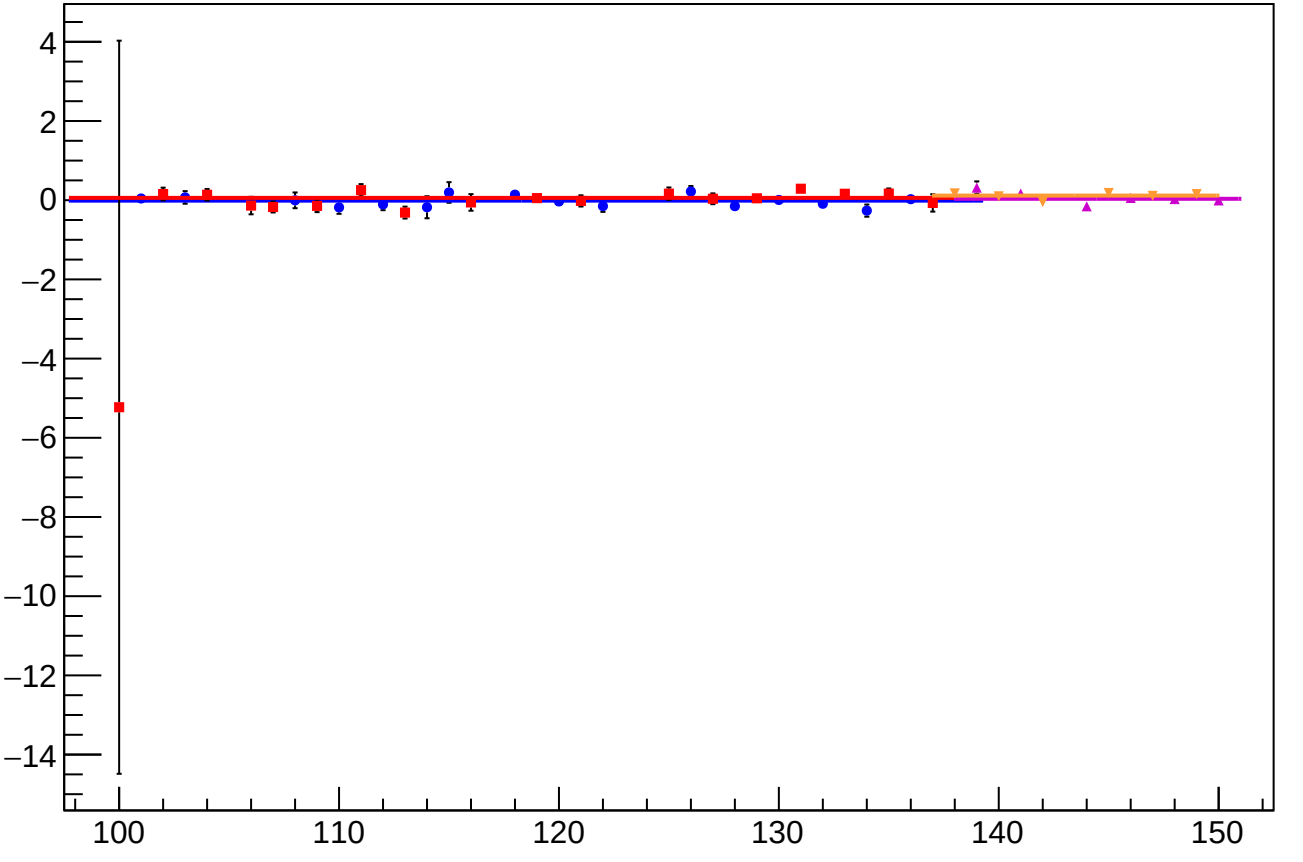
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.099+/-0.033 χ^2/NDF:17.9/21

Out: 0.140+/-0.035 χ^2/NDF:34.5/23

All: 0.118+/-0.024 χ^2/NDF: 53.2/45

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.116+/-0.039 χ^2/NDF:2.7/5

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.035+/-0.036 χ^2/NDF:10.0/5

Left: 0.073+/-0.026 χ^2/NDF: 15.1/11

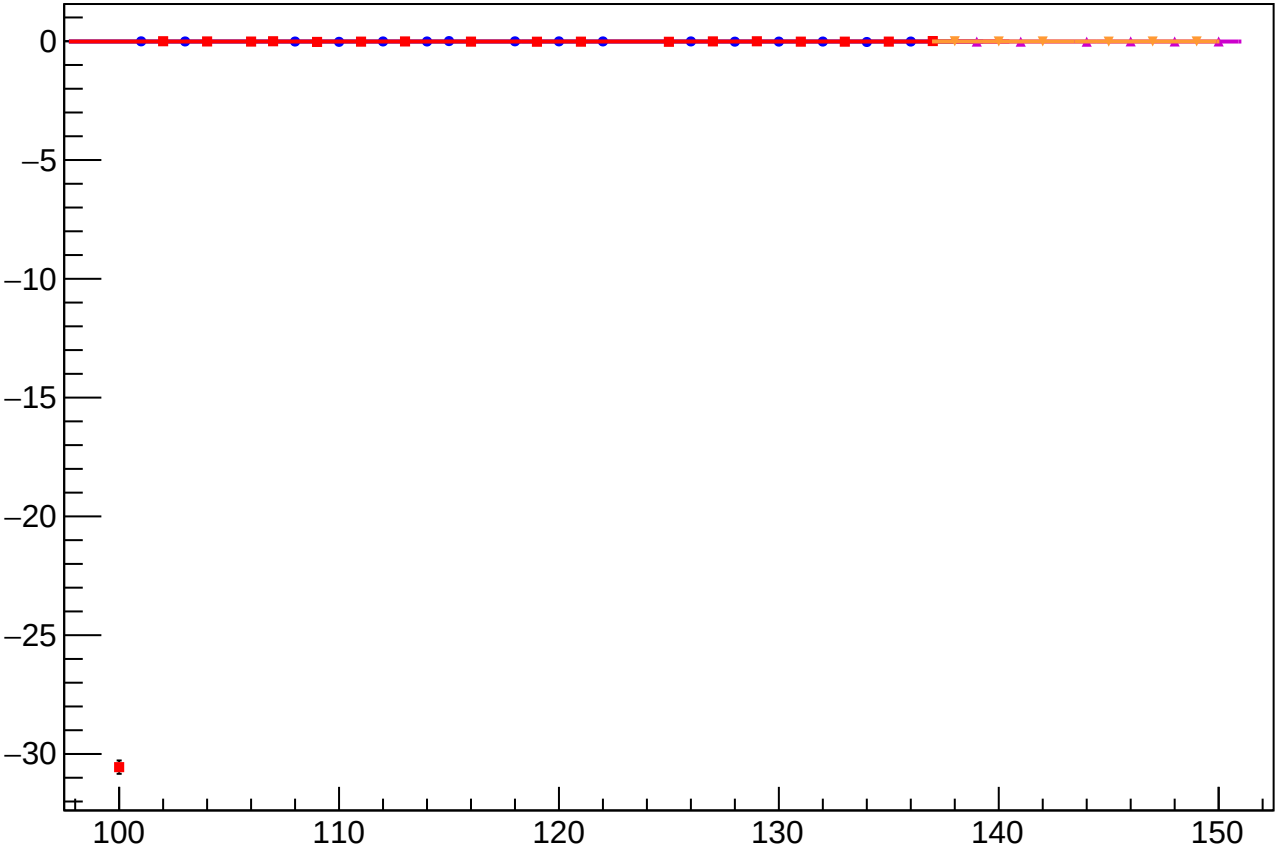
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.010+/-0.024 χ^2/NDF:24.7/21

Out: 0.084+/-0.025 χ^2/NDF:24.6/23

All: 0.045+/-0.018 χ^2/NDF: 53.7/45

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.010+/-0.002 χ^2/NDF:7.1/5

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.013+/-0.002 χ^2/NDF:6.8/5

Left: -0.012+/-0.001 χ^2/NDF: 15.9/11

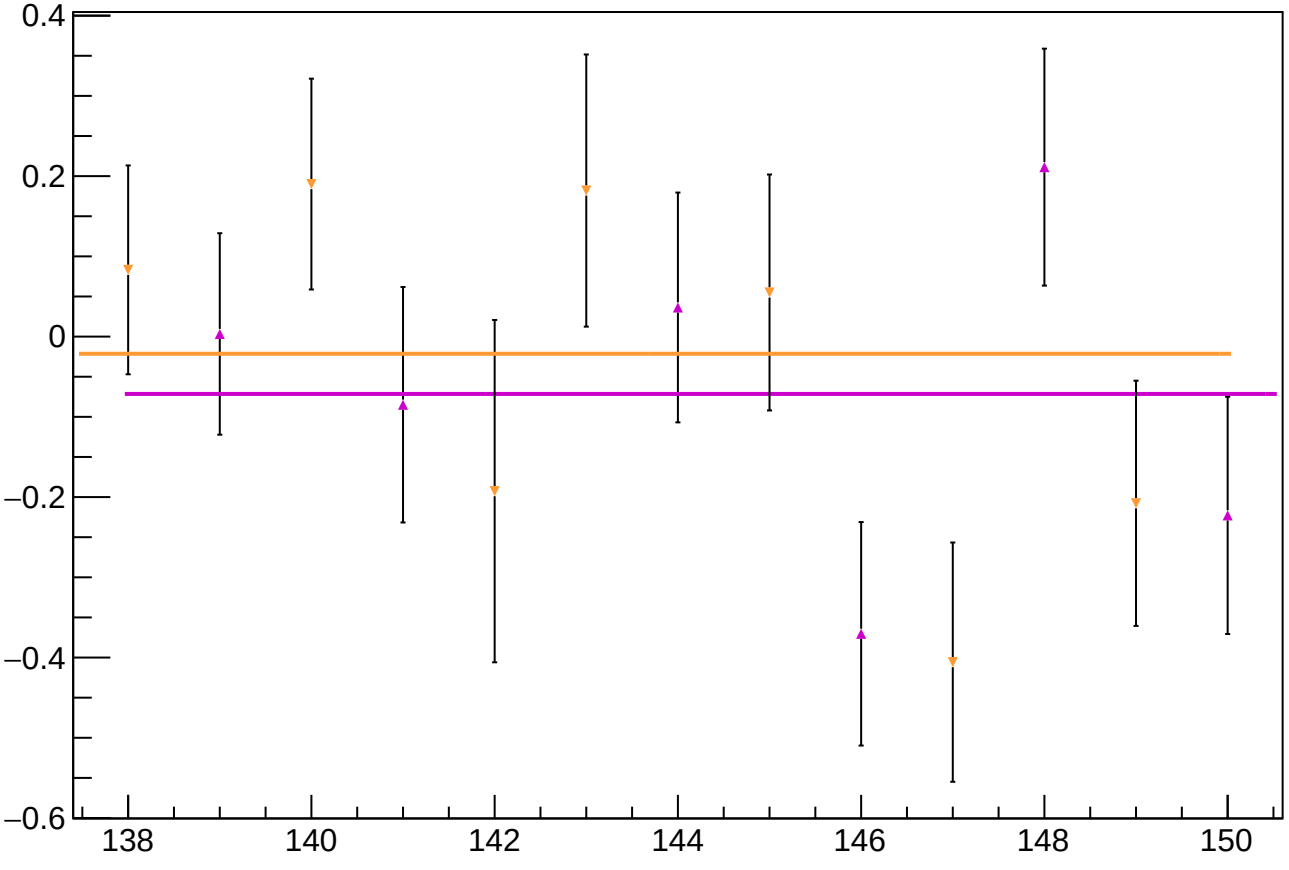
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.013+/-0.001 χ^2/NDF:20.0/21

Out: -0.011+/-0.001 χ^2/NDF:11899.6/23

All: -0.012+/-0.001 χ^2/NDF: 11920.4/45

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.021+/-0.057 χ^2/NDF:13.7/6

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

Left In: -0.071+/-0.058 χ^2/NDF:10.3/5

Left: -0.046+/-0.041 χ^2/NDF: 24.4/12

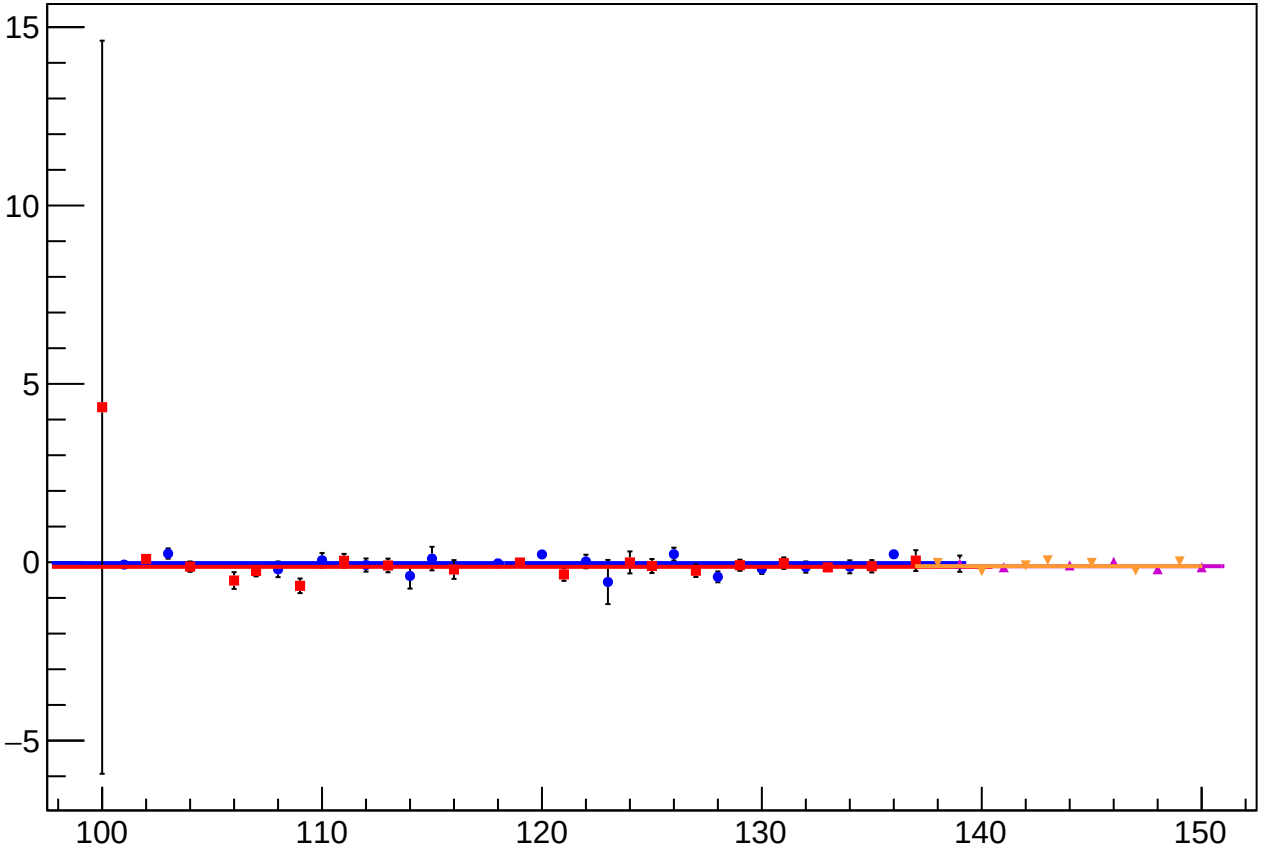
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.071+/-0.058 χ^2/NDF:10.3/5

Out: -0.021+/-0.057 χ^2/NDF:13.7/6

All: -0.046+/-0.041 χ^2/NDF: 24.4/12

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.109+/-0.040 χ^2/NDF:9.5/6

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.111+/-0.039 χ^2/NDF:3.9/5

Left: -0.110+/-0.028 χ^2/NDF: 13.4/12

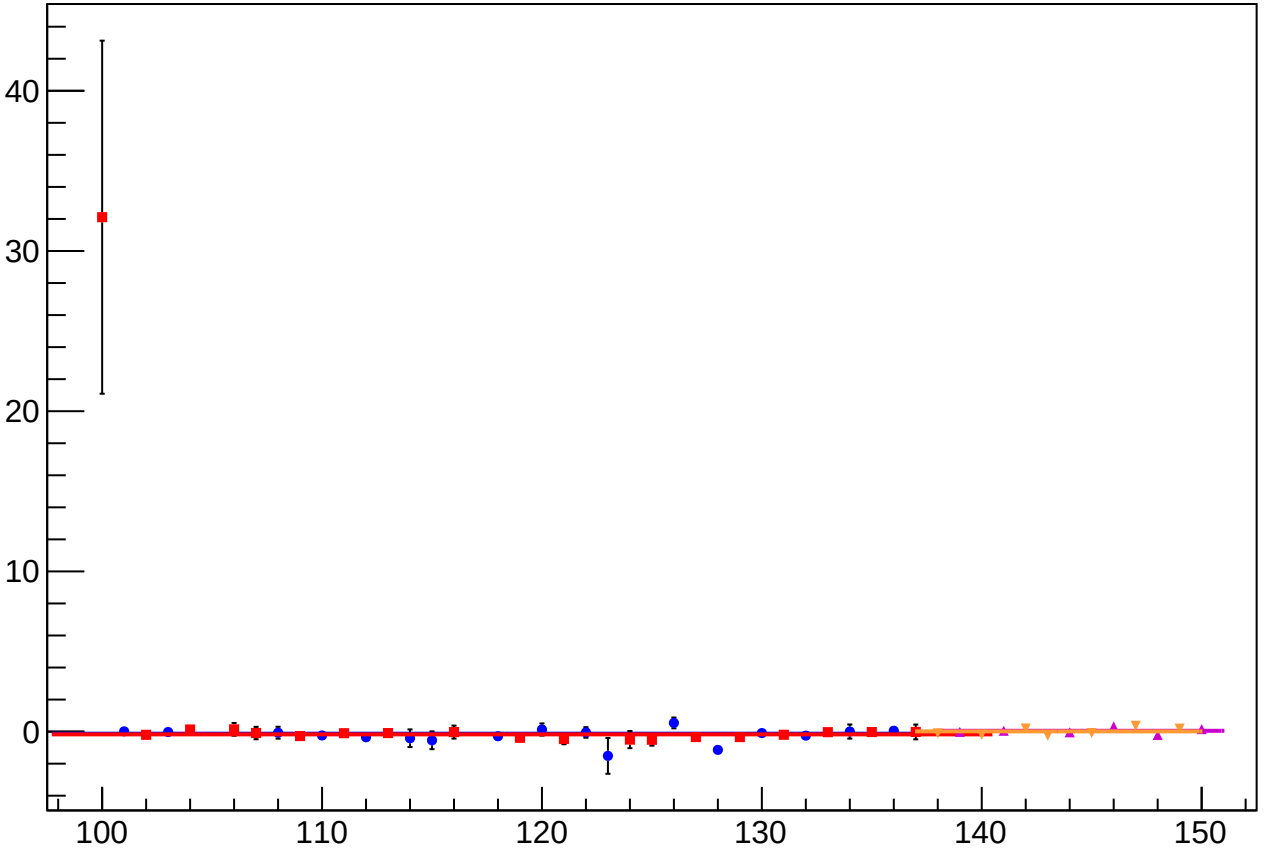
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.065+/-0.027 χ^2/NDF:29.9/22

Out: -0.119+/-0.028 χ^2/NDF:27.2/25

All: -0.091+/-0.019 χ^2/NDF: 59.1/48

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.016+/-0.058 χ^2/NDF:13.9/6

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.051+/-0.058 χ^2/NDF:8.9/5

Left: 0.034+/-0.041 χ^2/NDF: 22.9/12

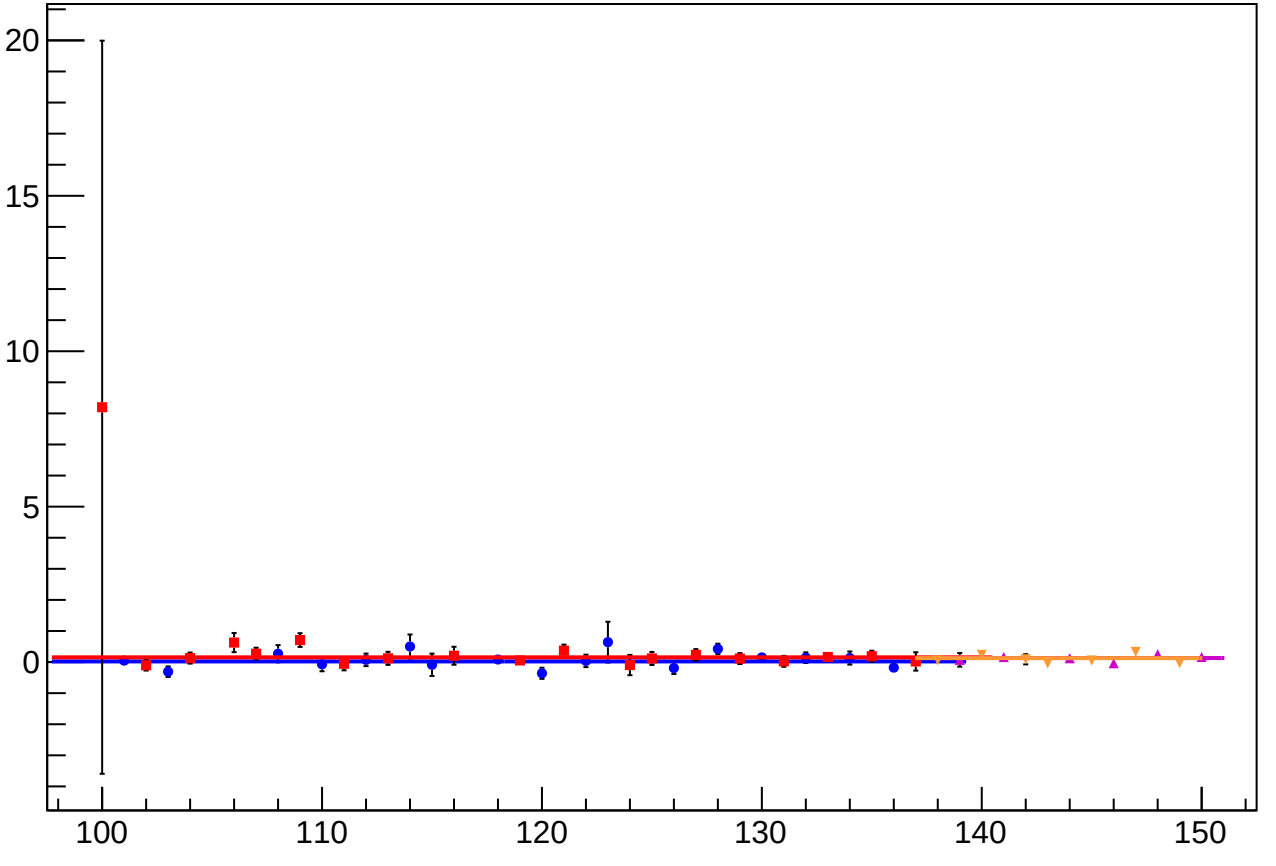
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.026+/-0.044 χ^2/NDF:36.8/22

Out: -0.060+/-0.045 χ^2/NDF:33.1/25

All: -0.042+/-0.031 χ^2/NDF: 70.2/48

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.126+/-0.049 χ^2/NDF:8.7/6

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.130+/-0.049 χ^2/NDF:4.3/5

Left: 0.128+/-0.035 χ^2/NDF: 13.0/12

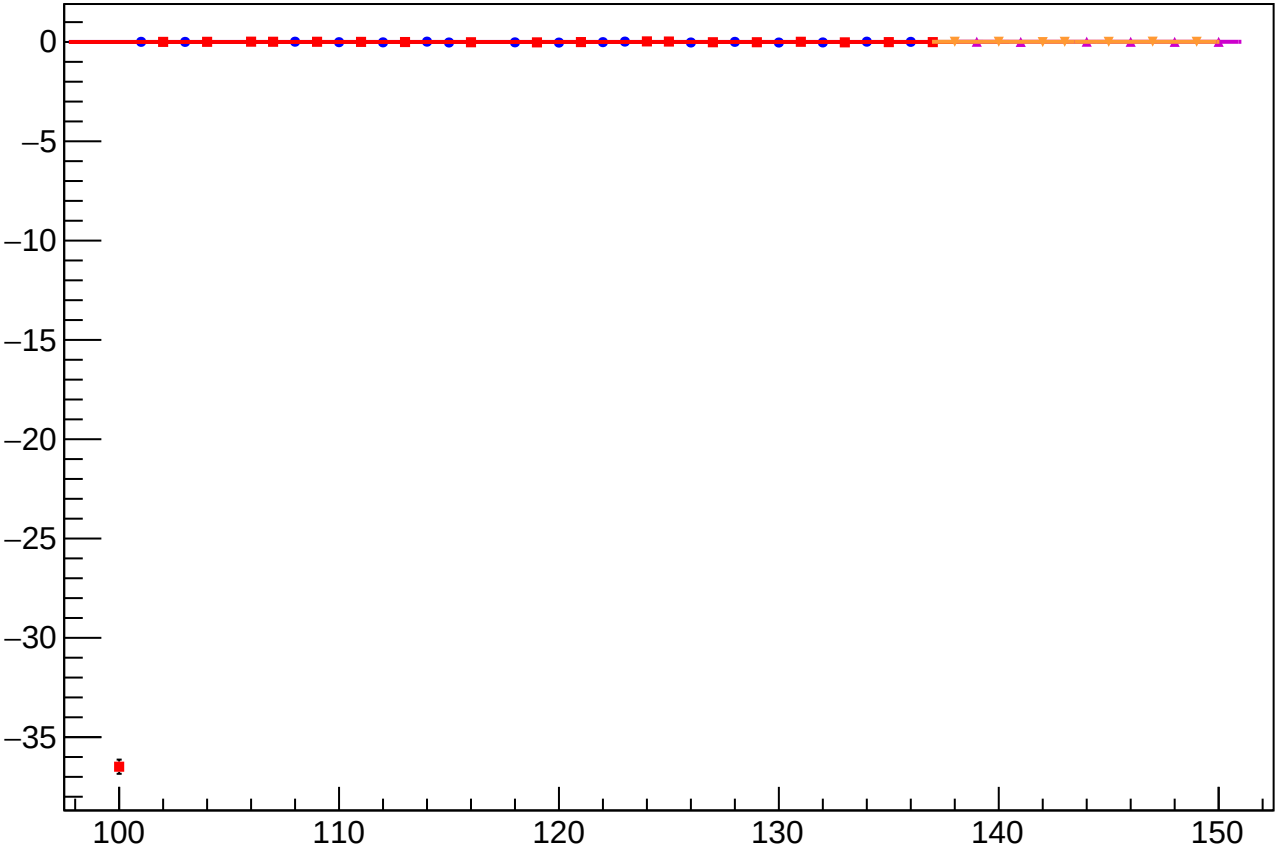
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.067+/-0.032 χ^2/NDF:29.6/22

Out: 0.140+/-0.033 χ^2/NDF:25.1/25

All: 0.102+/-0.023 χ^2/NDF: 57.2/48

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF:4.3/6

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.010+/-0.002 χ^2/NDF:2.4/5

Left: 0.010+/-0.002 χ^2/NDF: 6.7/12

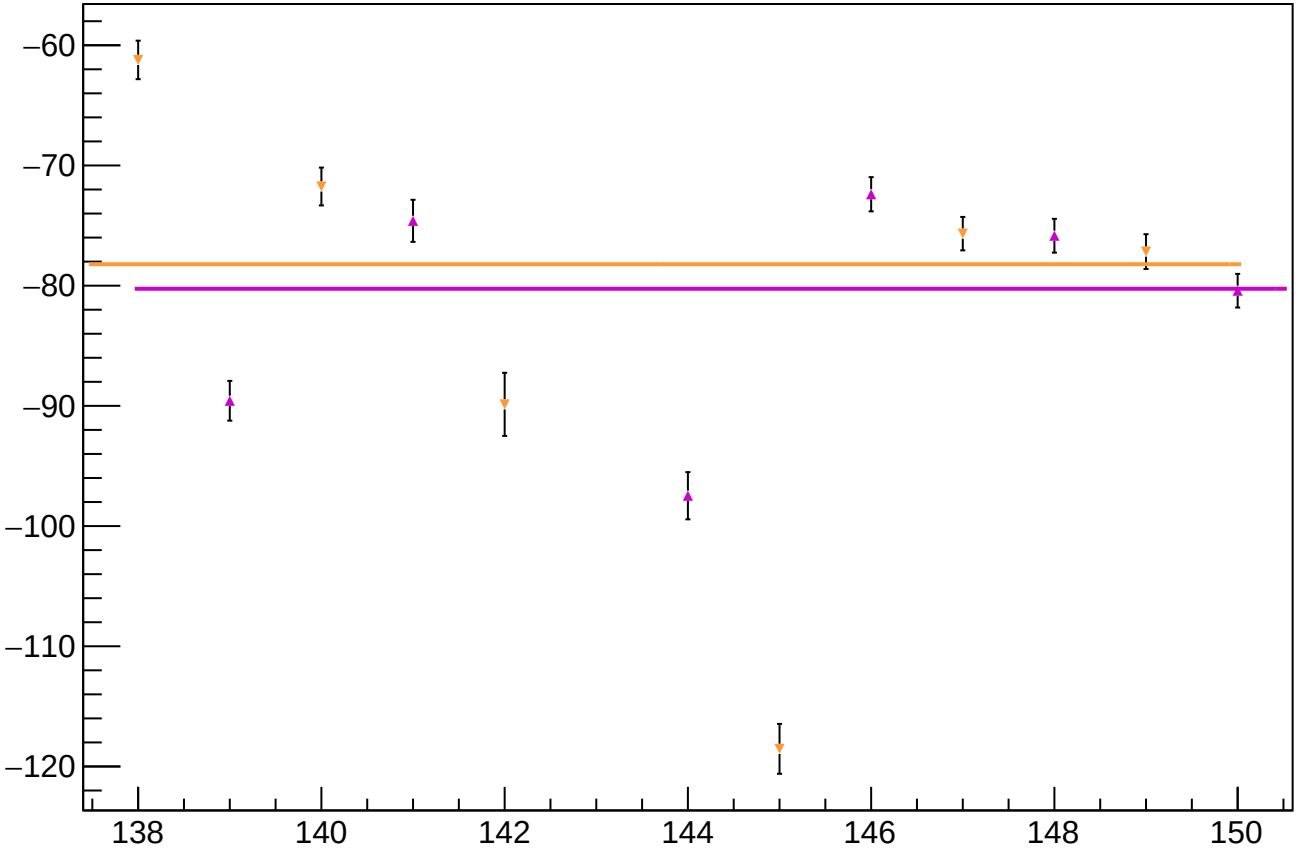
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.005+/-0.002 χ^2/NDF:42.0/22

Out: 0.005+/-0.002 χ^2/NDF:10460.5/25

All: 0.005+/-0.001 χ^2/NDF: 10502.5/48

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: -78.216+/-0.680 χ^2/NDF:530.4/5

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

Left In: -80.256+/-0.637 χ^2/NDF:159.4/5

Left: -79.301+/-0.465 χ^2/NDF: 694.6/11

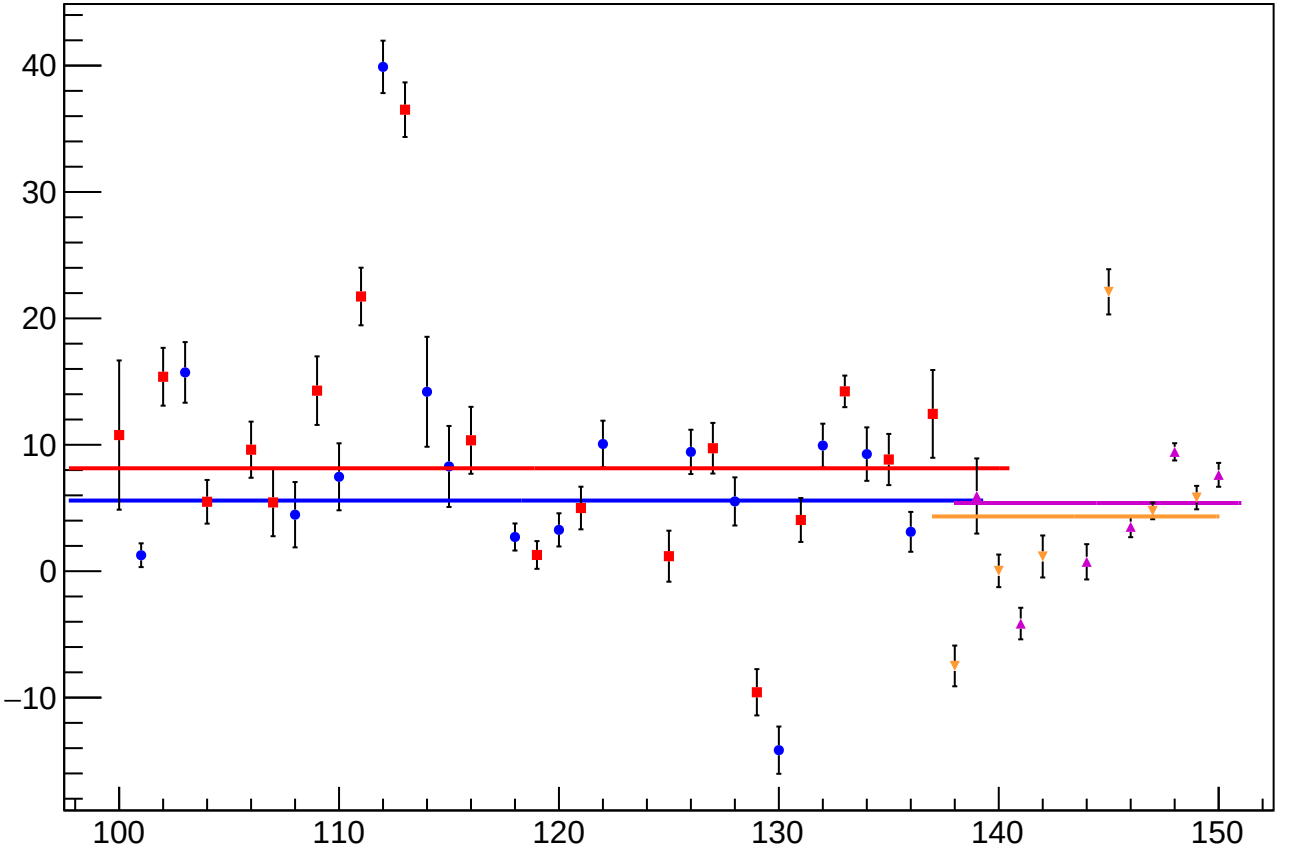
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -80.256+/-0.637 χ^2/NDF:159.4/5

Out: -78.216+/-0.680 χ^2/NDF:530.4/5

All: -79.301+/-0.465 χ^2/NDF: 694.6/11

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: 4.332+/-0.442 χ^2/NDF:170.4/5

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 5.394+/-0.408 χ^2/NDF:115.5/5

Left: 4.905+/-0.300 χ^2/NDF: 289.0/11

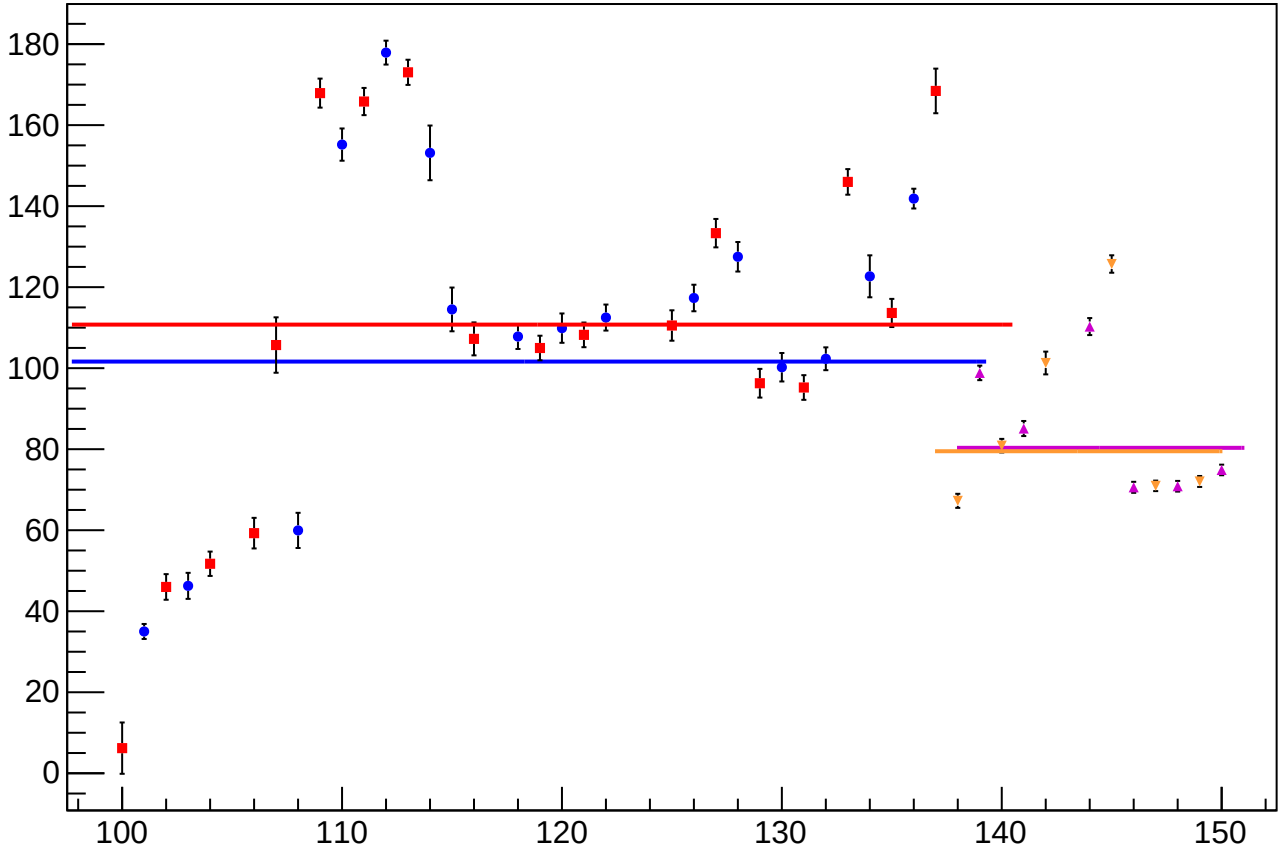
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 5.488+/-0.294 χ^2/NDF:578.4/21

Out: 6.186+/-0.316 χ^2/NDF:614.4/23

All: 5.811+/-0.215 χ^2/NDF: 1195.3/45

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 79.497+/-0.679 χ^2/NDF:644.4/5

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 80.337+/-0.629 χ^2/NDF:436.8/5

Left: 79.949+/-0.461 χ^2/NDF: 1082.1/11

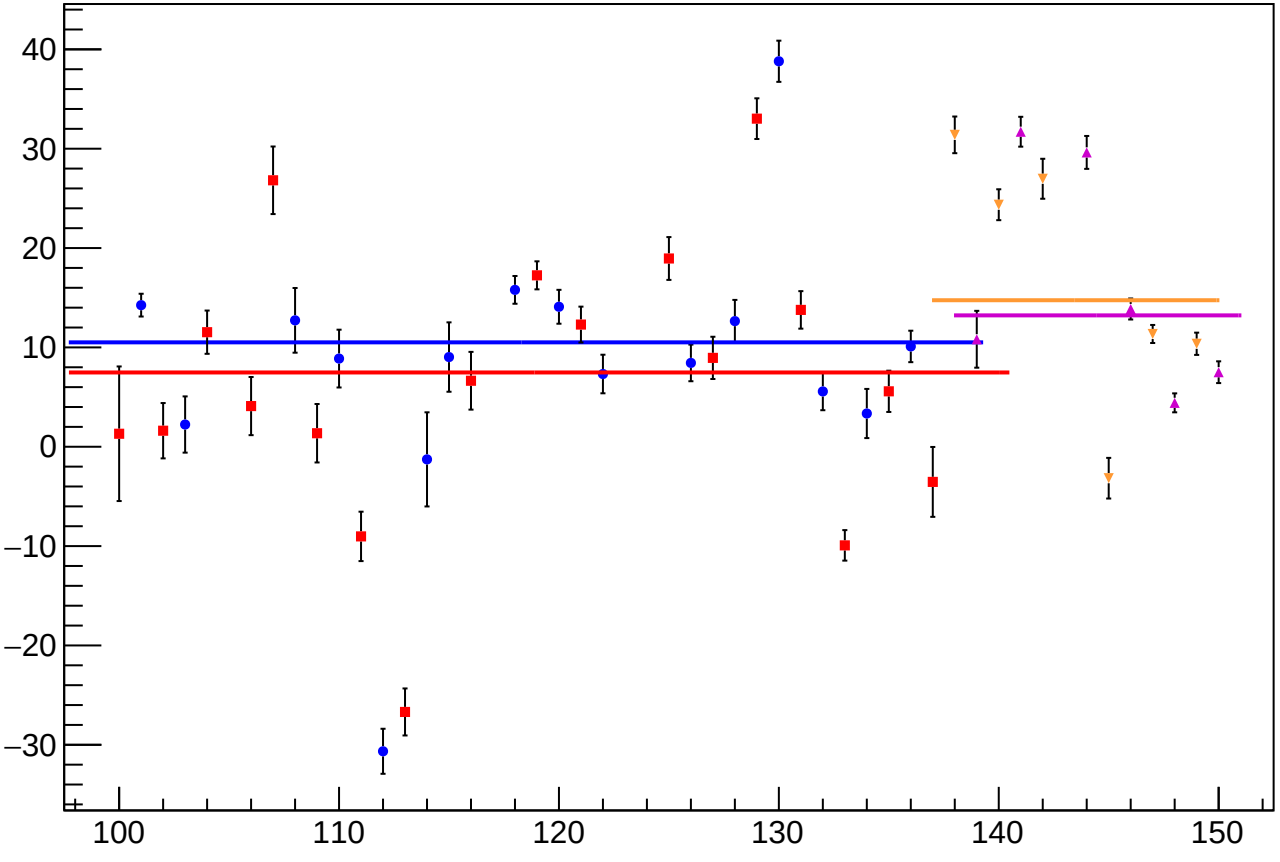
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 88.386+/-0.496 χ^2/NDF:3848.8/21

Out: 91.917+/-0.527 χ^2/NDF:3999.6/23

All: 90.045+/-0.361 χ^2/NDF: 7872.2/45

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: 14.748+/-0.559 χ^2/NDF:262.4/5

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 13.224+/-0.516 χ^2/NDF:363.0/5

Left: 13.925+/-0.379 χ^2/NDF: 629.4/11

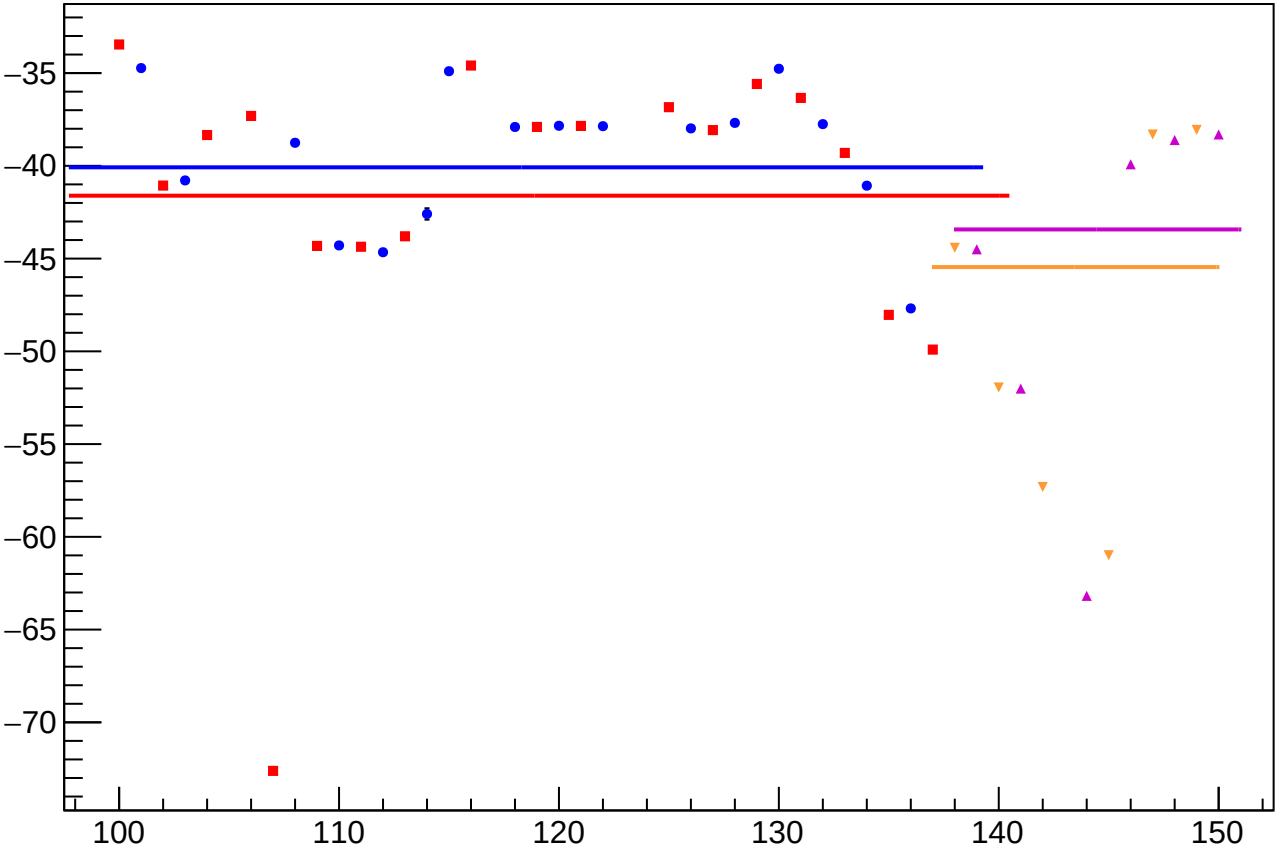
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 11.801+/-0.356 χ^2/NDF:959.0/21

Out: 10.878+/-0.382 χ^2/NDF:1041.8/23

All: 11.372+/-0.261 χ^2/NDF: 2004.0/45

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -45.456+/-0.029 χ^2/NDF:81716.7/5

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -43.428+/-0.026 χ^2/NDF:78428.5/5

Left: -44.335+/-0.020 χ^2/NDF: 162805.4/11

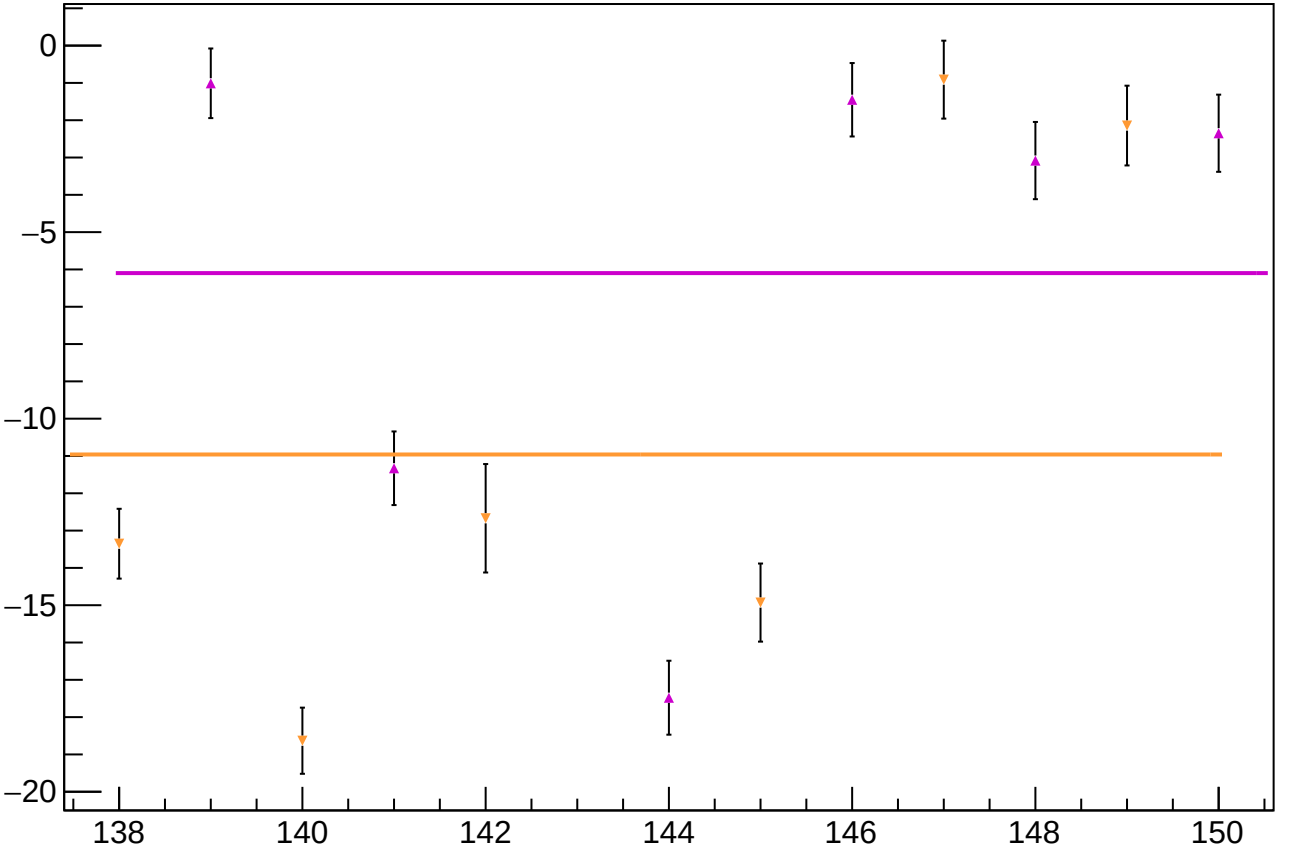
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -41.871+/-0.019 χ^2/NDF:111099.2/21

Out: -43.489+/-0.020 χ^2/NDF:152356.4/23

All: -42.631+/-0.014 χ^2/NDF: 266781.5/45

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.960+/-0.423 χ^2/NDF:257.7/5

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

Left In: -6.098+/-0.405 χ^2/NDF:233.6/5

Left: -8.424+/-0.293 χ^2/NDF: 560.3/11

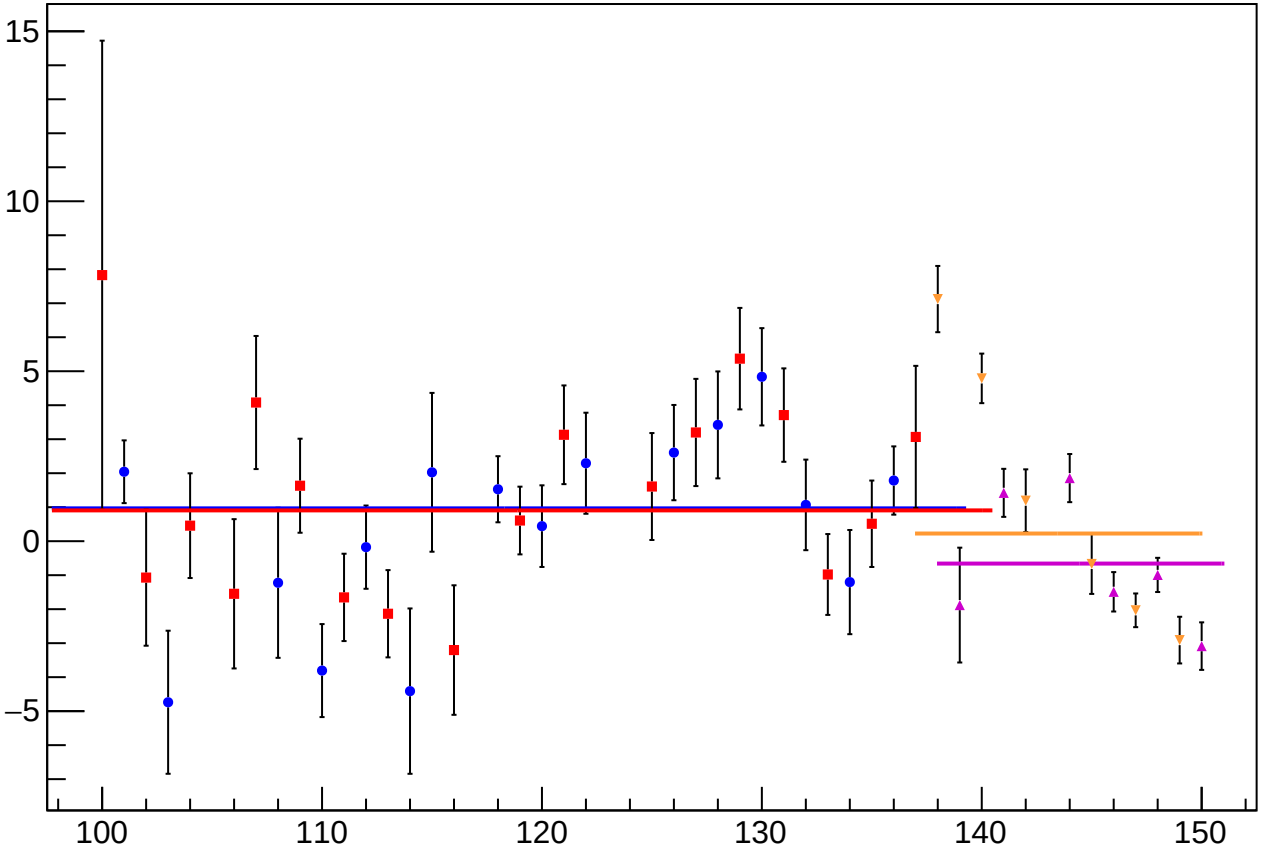
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.098+/-0.405 χ^2/NDF:233.6/5

Out: -10.960+/-0.423 χ^2/NDF:257.7/5

All: -8.424+/-0.293 χ^2/NDF: 560.3/11

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: 0.226+/-0.294 χ^2/NDF:133.0/5

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: -0.659+/-0.274 χ^2/NDF:36.4/5

Left: -0.247+/-0.200 χ^2/NDF: 174.3/11

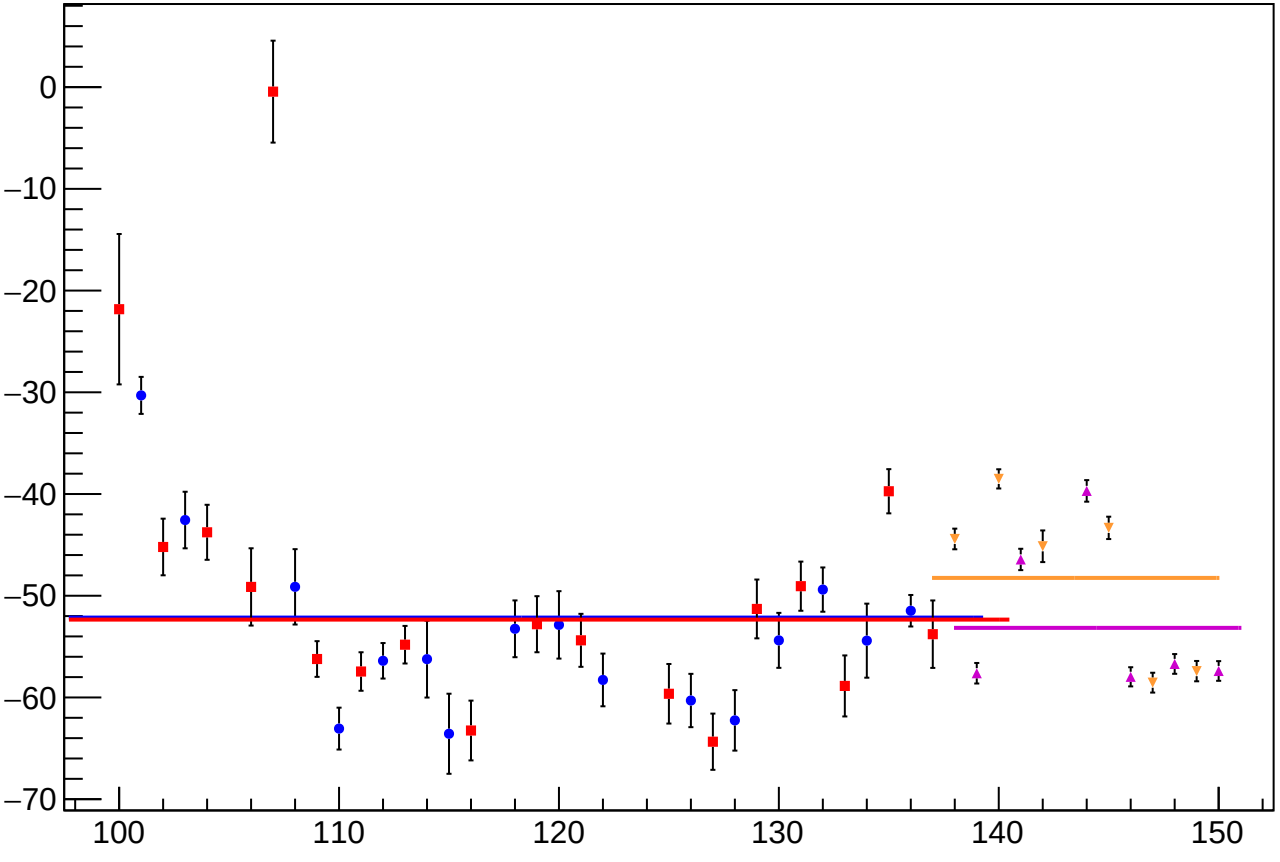
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: -0.015+/-0.213 χ^2/NDF:93.2/21

Out: 0.503+/-0.226 χ^2/NDF:177.2/23

All: 0.229+/-0.155 χ^2/NDF: 273.2/45

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: -48.247+/-0.431 χ^2/NDF:340.0/5

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -53.159+/-0.407 χ^2/NDF:280.6/5

Left: -50.843+/-0.296 χ^2/NDF: 689.3/11

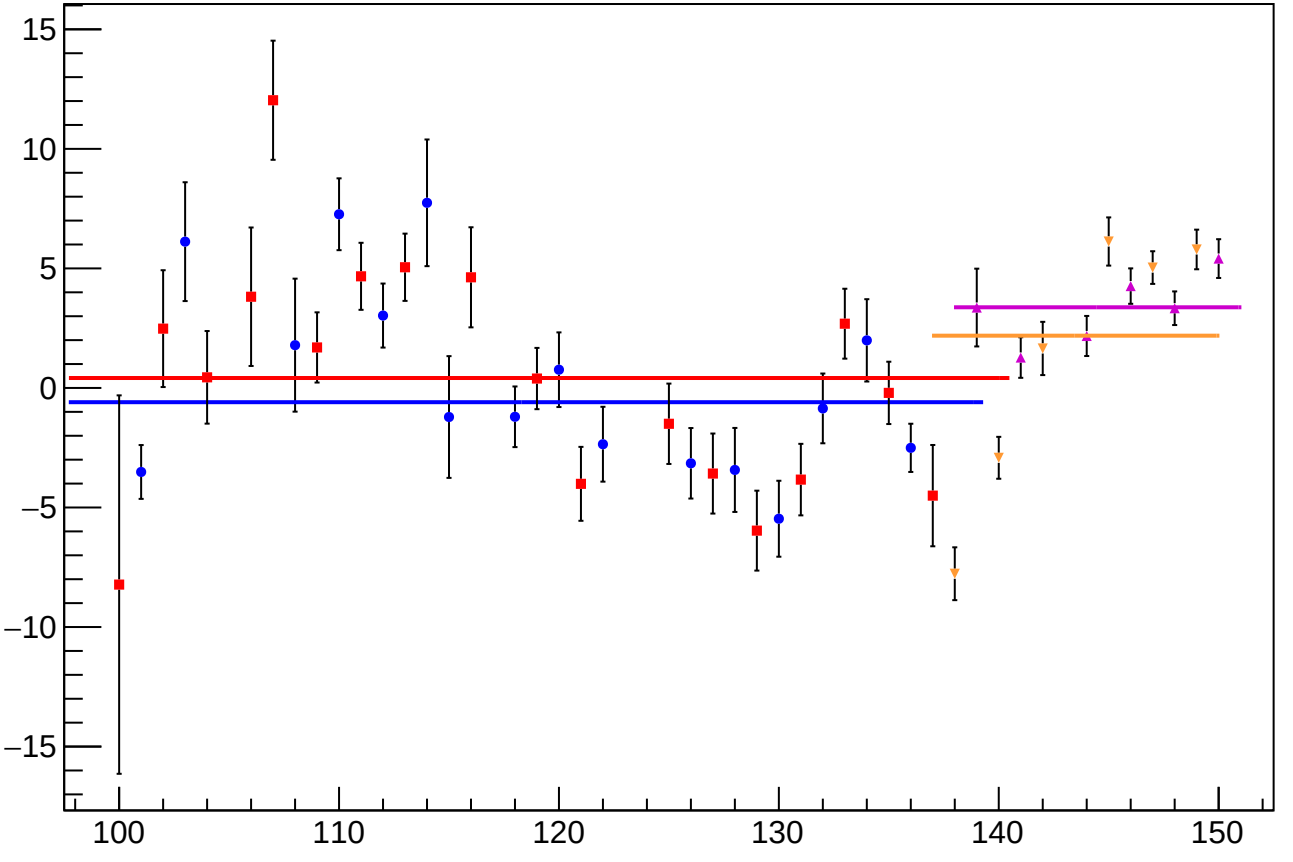
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -52.849+/-0.339 χ^2/NDF:512.7/21

Out: -49.595+/-0.353 χ^2/NDF:605.5/23

All: -51.288+/-0.244 χ^2/NDF: 1162.4/45

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: 2.186+/-0.365 χ^2/NDF:167.0/5

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 3.374+/-0.342 χ^2/NDF:15.9/5

Left: 2.819+/-0.249 χ^2/NDF: 188.6/11

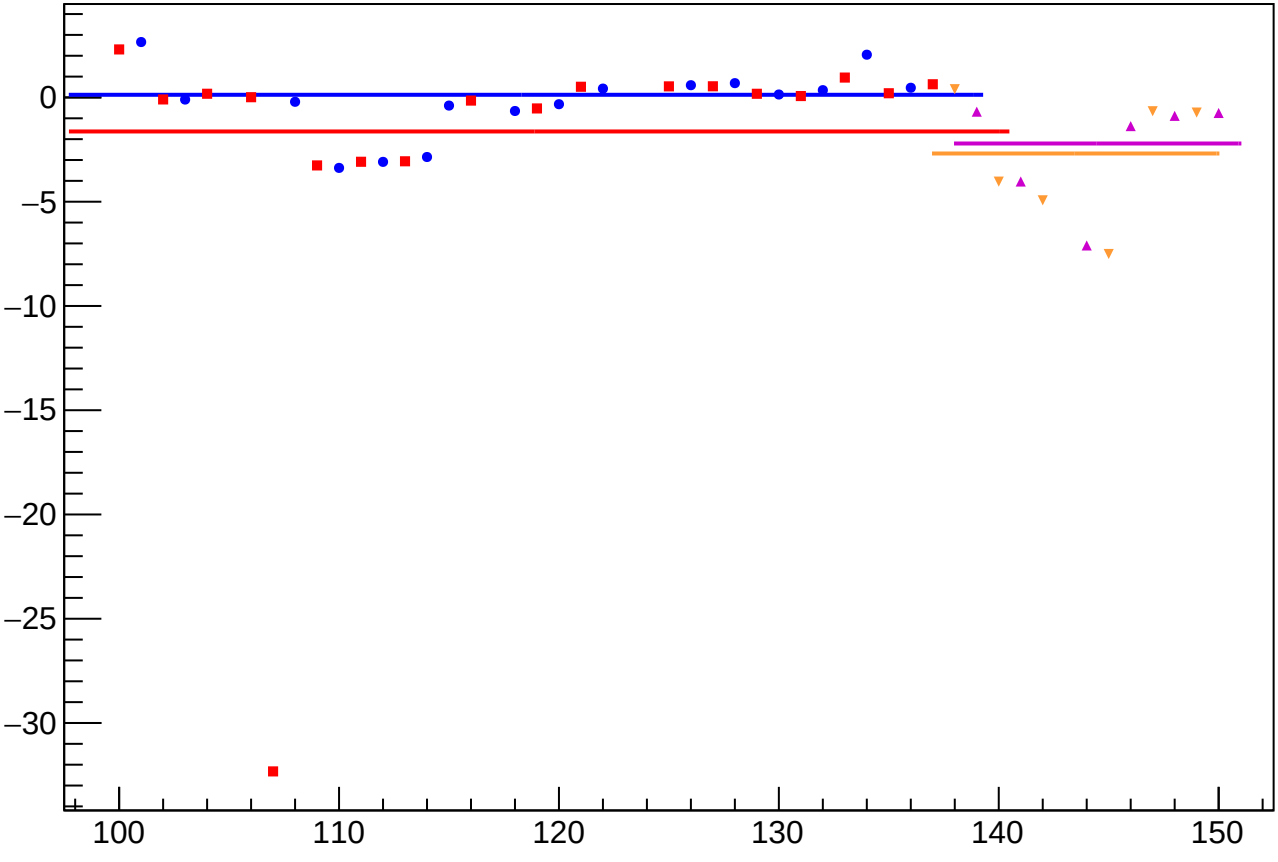
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 1.617+/-0.255 χ^2/NDF:158.2/21

Out: 1.382+/-0.269 χ^2/NDF:273.5/23

All: 1.506+/-0.185 χ^2/NDF: 432.1/45

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -2.688+/-0.018 χ^2/NDF:24851.9/5

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -2.208+/-0.017 χ^2/NDF:17526.6/5

Left: -2.429+/-0.012 χ^2/NDF: 42753.3/11

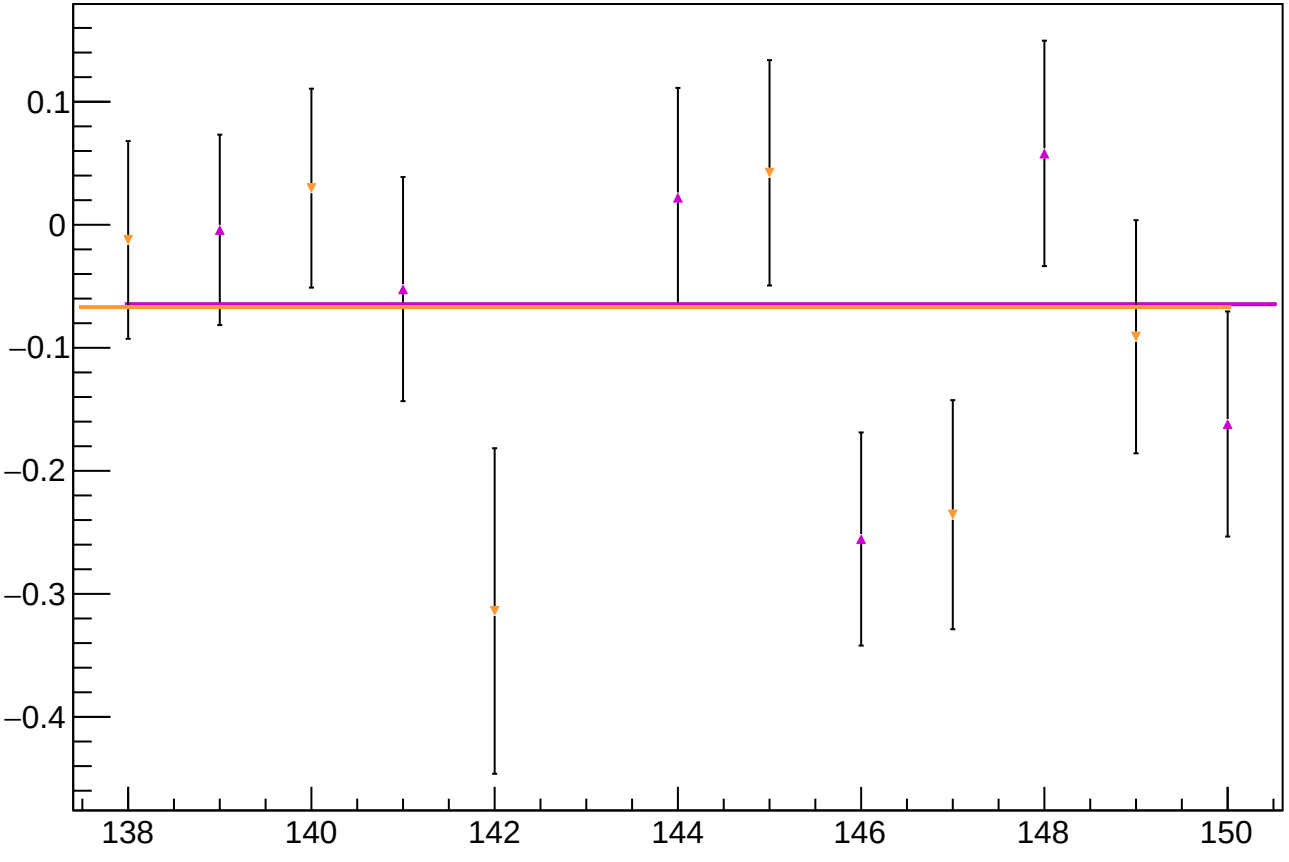
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.320+/-0.013 χ^2/NDF:30099.4/21

Out: -2.254+/-0.014 χ^2/NDF:104115.9/23

All: -1.763+/-0.010 χ^2/NDF: 136573.3/45

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: -0.067+/-0.038 χ^2/NDF:10.1/5

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

Left In: -0.065+/-0.036 χ^2/NDF:9.4/5

Left: -0.066+/-0.026 χ^2/NDF: 19.5/11

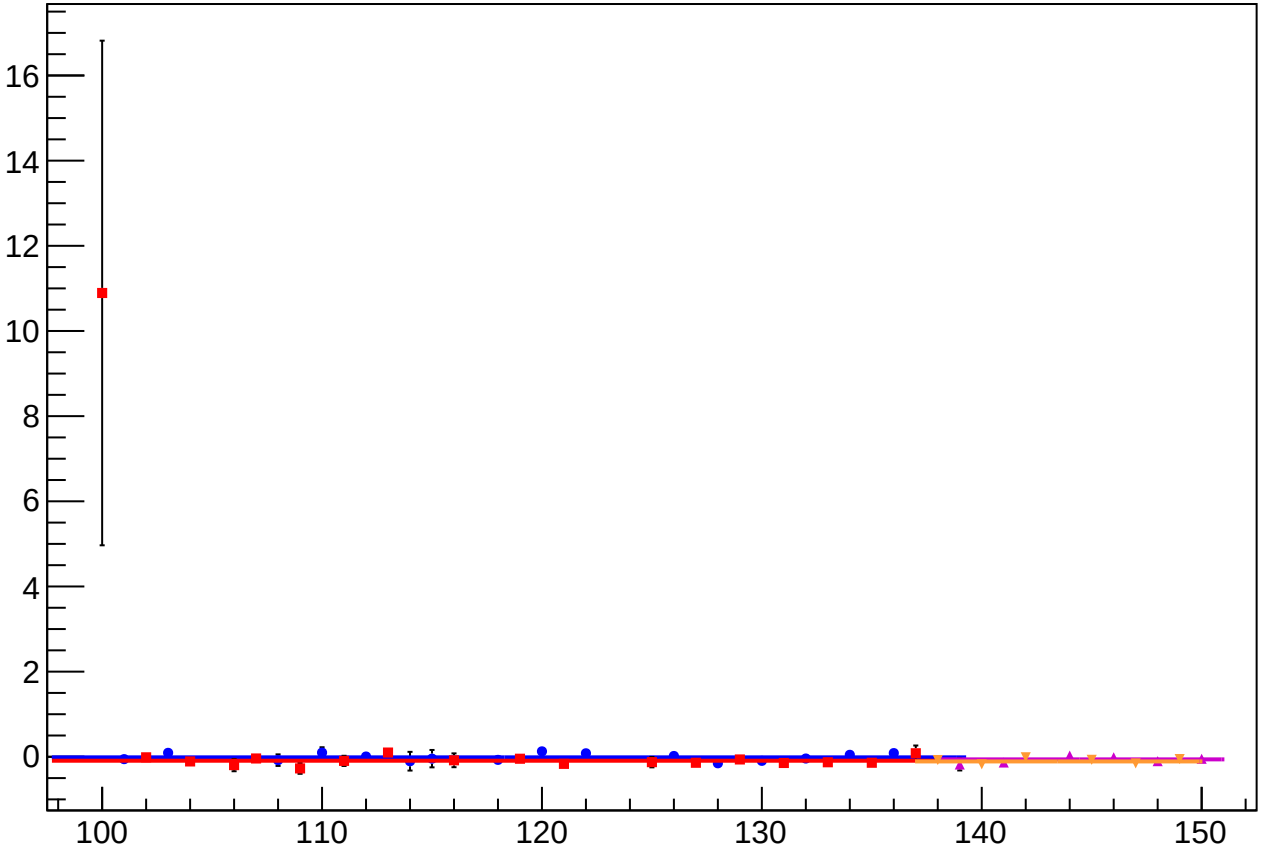
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.065+/-0.036 χ^2/NDF:9.4/5

Out: -0.067+/-0.038 χ^2/NDF:10.1/5

All: -0.066+/-0.026 χ^2/NDF: 19.5/11

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: -0.109+/-0.026 χ^2/NDF:4.7/5

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.060+/-0.024 χ^2/NDF:5.8/5

Left: -0.083+/-0.018 χ^2/NDF: 12.3/11

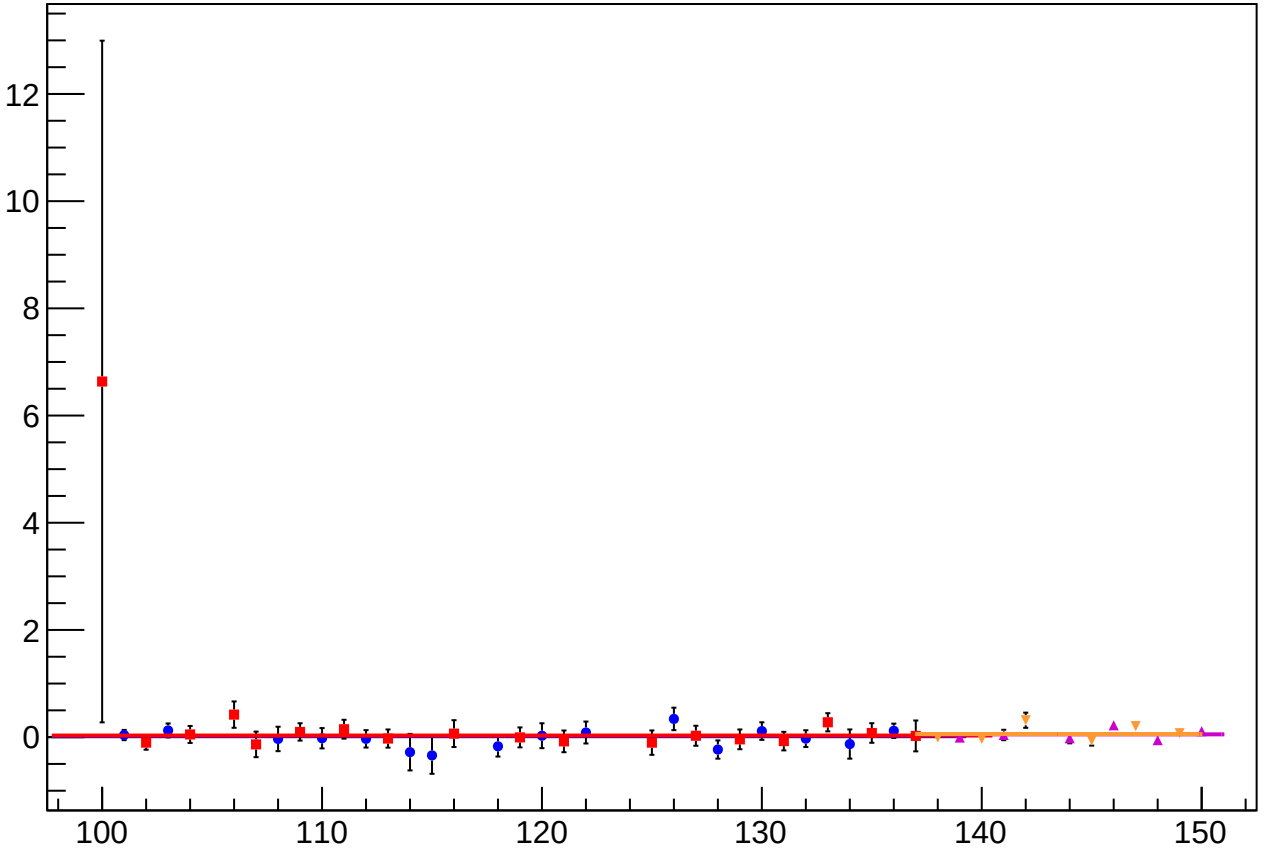
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.036+/-0.017 χ^2/NDF:20.0/21

Out: -0.100+/-0.018 χ^2/NDF:17.6/23

All: -0.065+/-0.012 χ^2/NDF: 44.4/45

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: 0.058+/-0.038 χ^2/NDF:9.5/5

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.052+/-0.036 χ^2/NDF:7.3/5

Left: 0.055+/-0.026 χ^2/NDF: 16.8/11

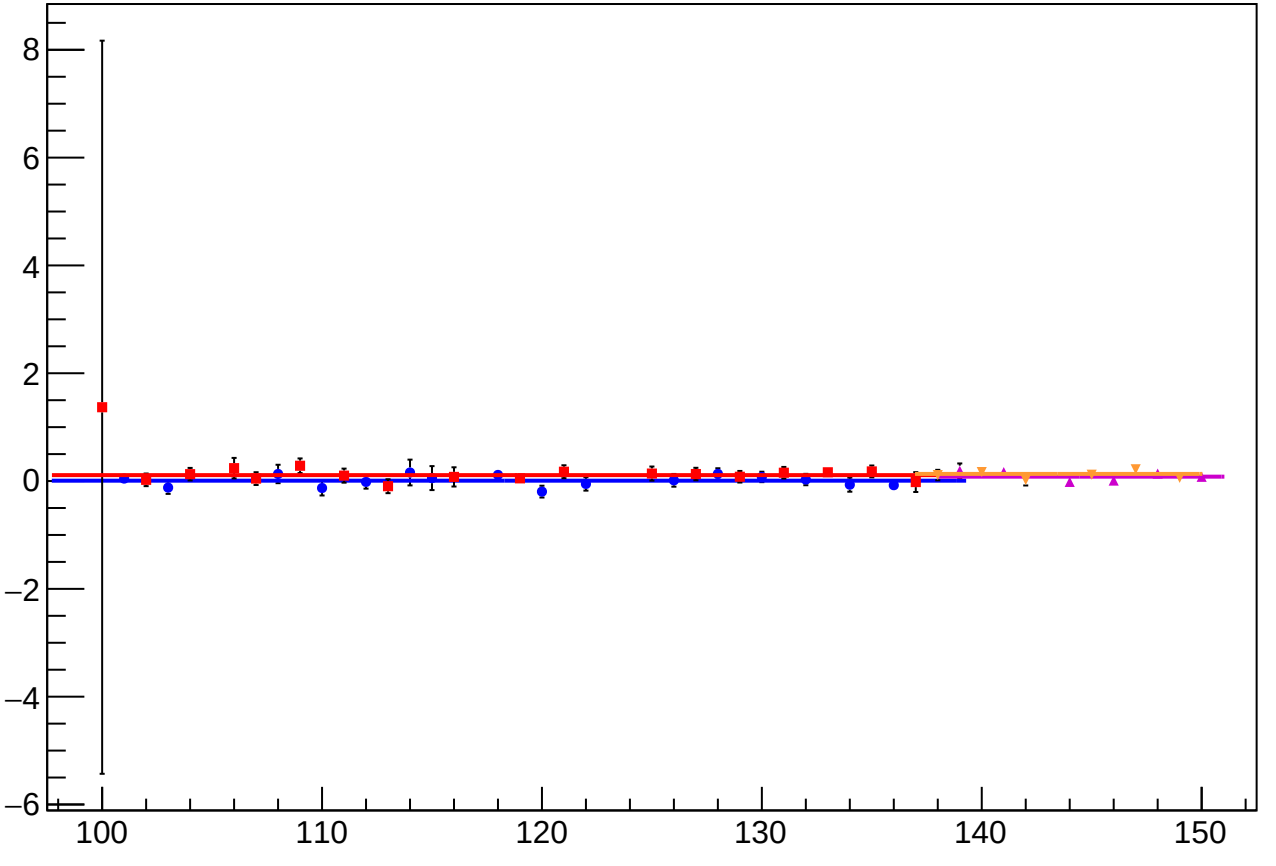
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.038+/-0.028 χ^2/NDF:17.3/21

Out: 0.046+/-0.029 χ^2/NDF:18.9/23

All: 0.042+/-0.020 χ^2/NDF: 36.3/45

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.132+/-0.033 χ^2/NDF:4.5/5

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.082+/-0.030 χ^2/NDF:5.6/5

Left: 0.105+/-0.022 χ^2/NDF: 11.4/11

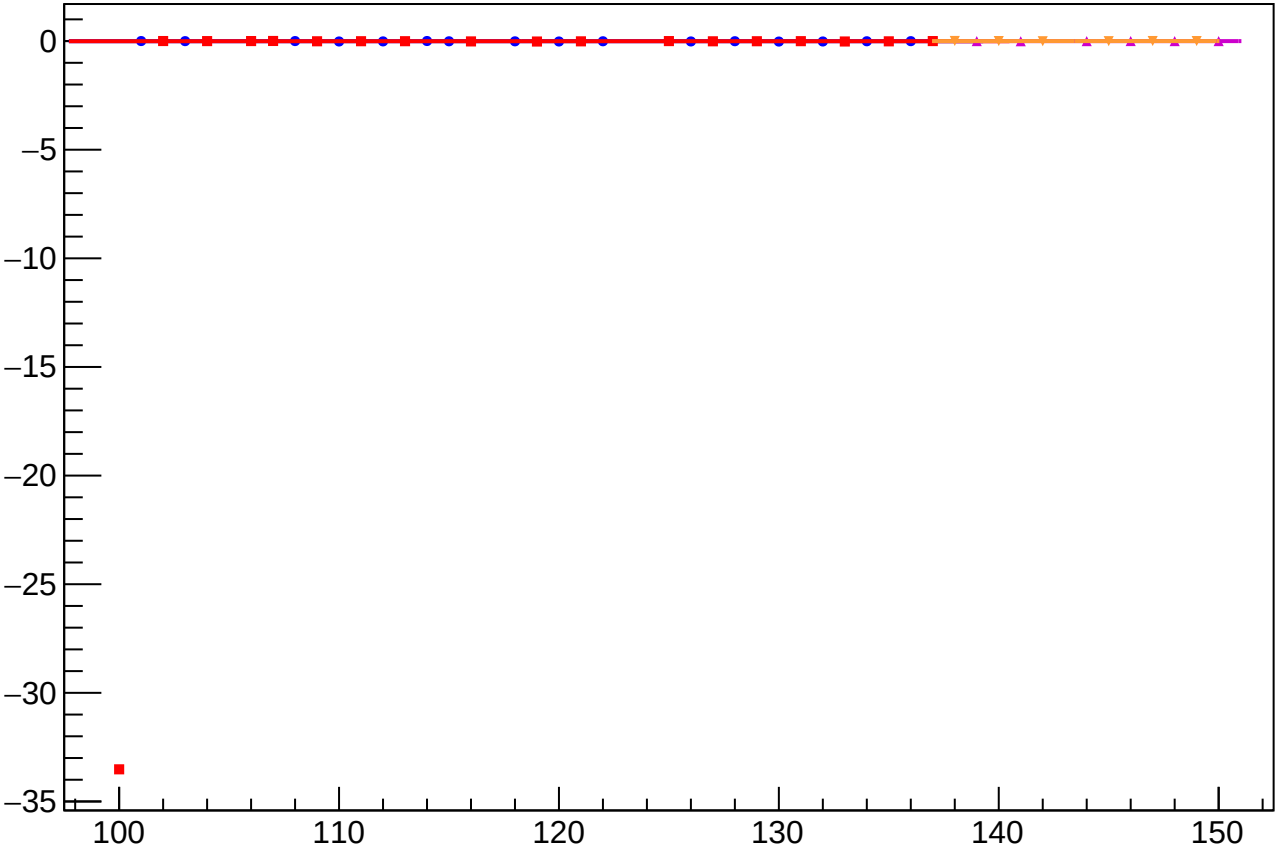
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.040+/-0.020 χ^2/NDF:21.1/21

Out: 0.120+/-0.022 χ^2/NDF:12.7/23

All: 0.077+/-0.015 χ^2/NDF: 41.1/45

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.000+/-0.002 χ^2/NDF:6.0/5

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.002+/-0.001 χ^2/NDF:3.0/5

Left: -0.001+/-0.001 χ^2/NDF: 9.8/11

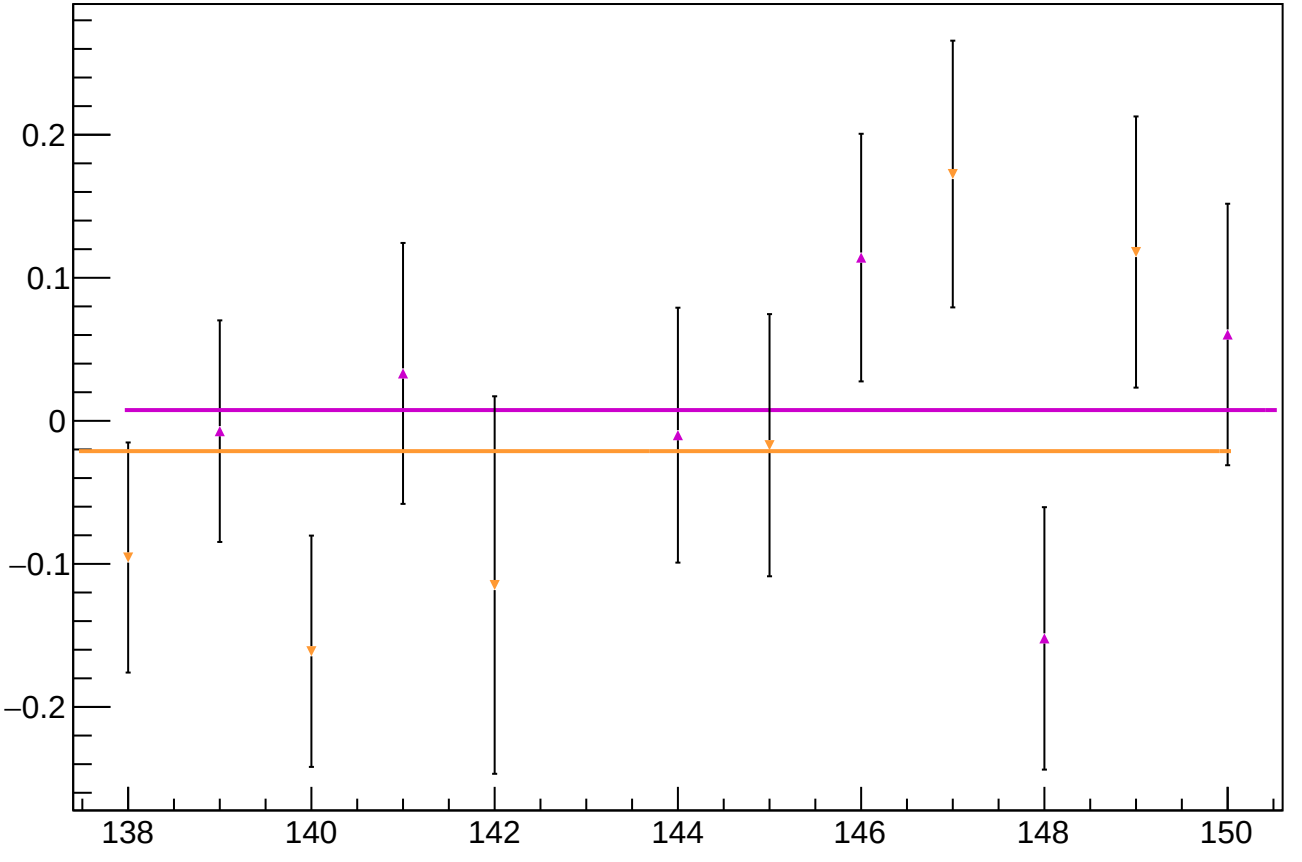
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.004+/-0.001 χ^2/NDF:29.0/21

Out: -0.003+/-0.001 χ^2/NDF:26522.9/23

All: -0.003+/-0.001 χ^2/NDF: 26552.0/45

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.021+/-0.038 χ^2/NDF:10.8/5

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

Left In: 0.008+/-0.036 χ^2/NDF:5.0/5

Left: -0.006+/-0.026 χ^2/NDF: 16.2/11

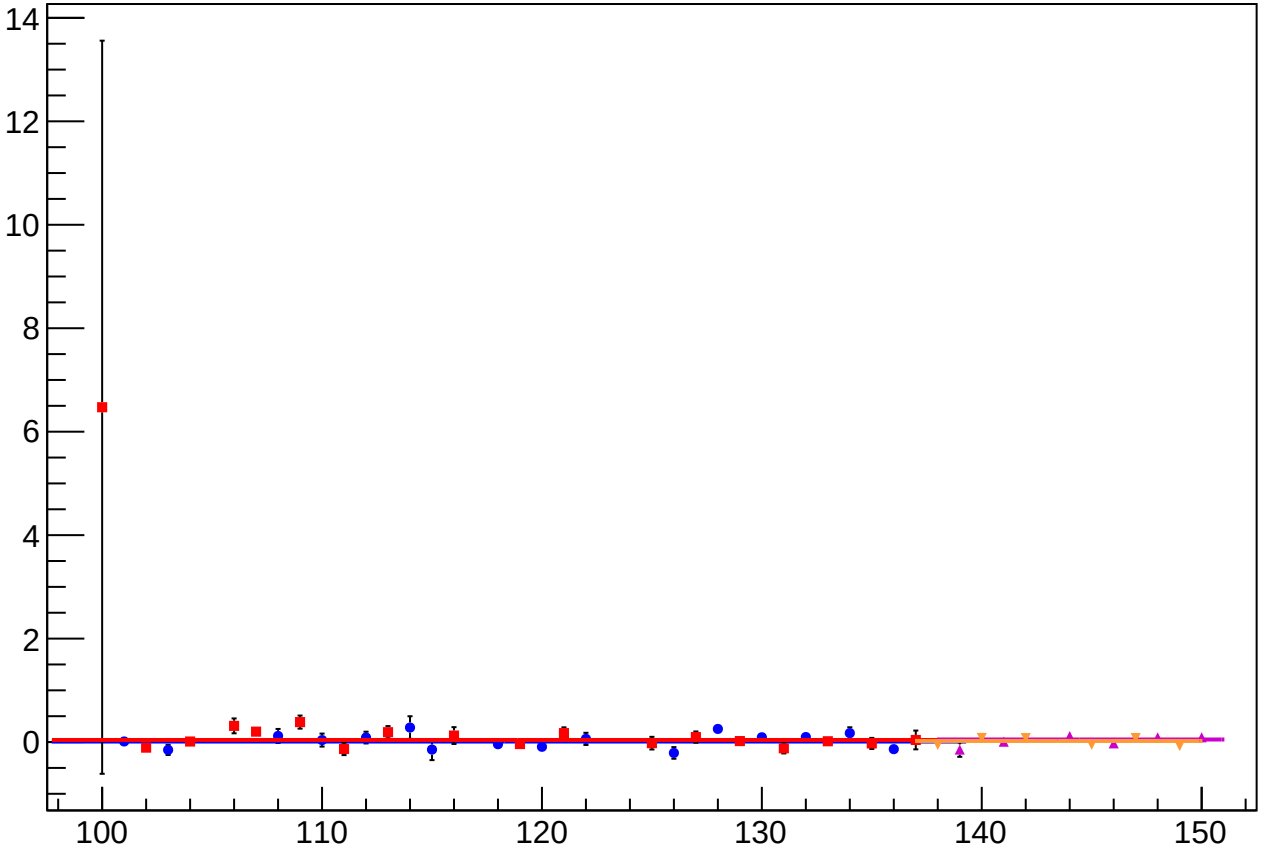
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.008+/-0.036 χ^2/NDF:5.0/5

Out: -0.021+/-0.038 χ^2/NDF:10.8/5

All: -0.006+/-0.026 χ^2/NDF: 16.2/11

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: 0.022+/-0.026 χ^2/NDF:7.1/5

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.050+/-0.024 χ^2/NDF:6.9/5

Left: 0.037+/-0.018 χ^2/NDF: 14.6/11

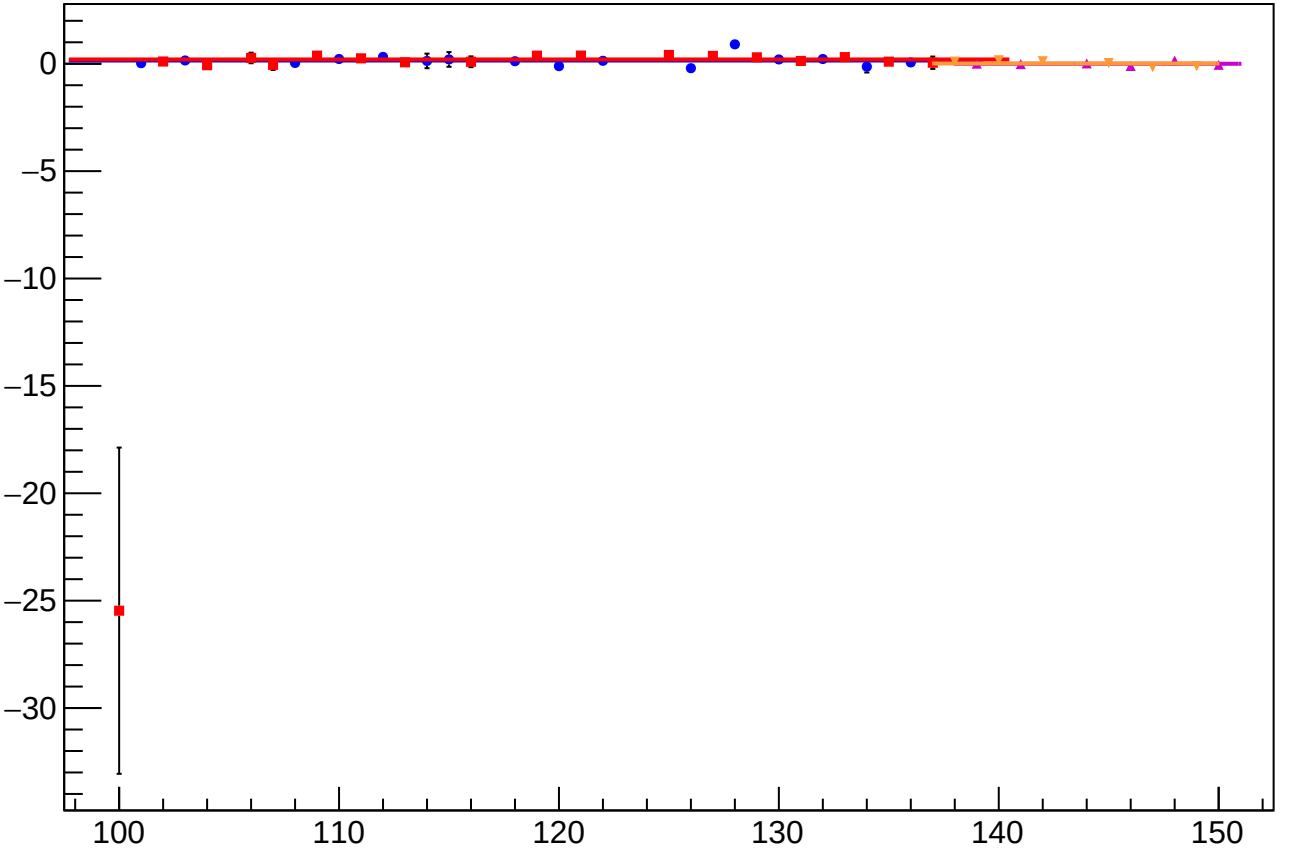
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.029+/-0.017 χ^2/NDF:33.6/21

Out: 0.032+/-0.018 χ^2/NDF:35.3/23

All: 0.030+/-0.012 χ^2/NDF: 68.9/45

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.012+/-0.038 χ^2/NDF:10.5/5

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: -0.000+/-0.036 χ^2/NDF:4.9/5

Left: 0.006+/-0.026 χ^2/NDF: 15.5/11

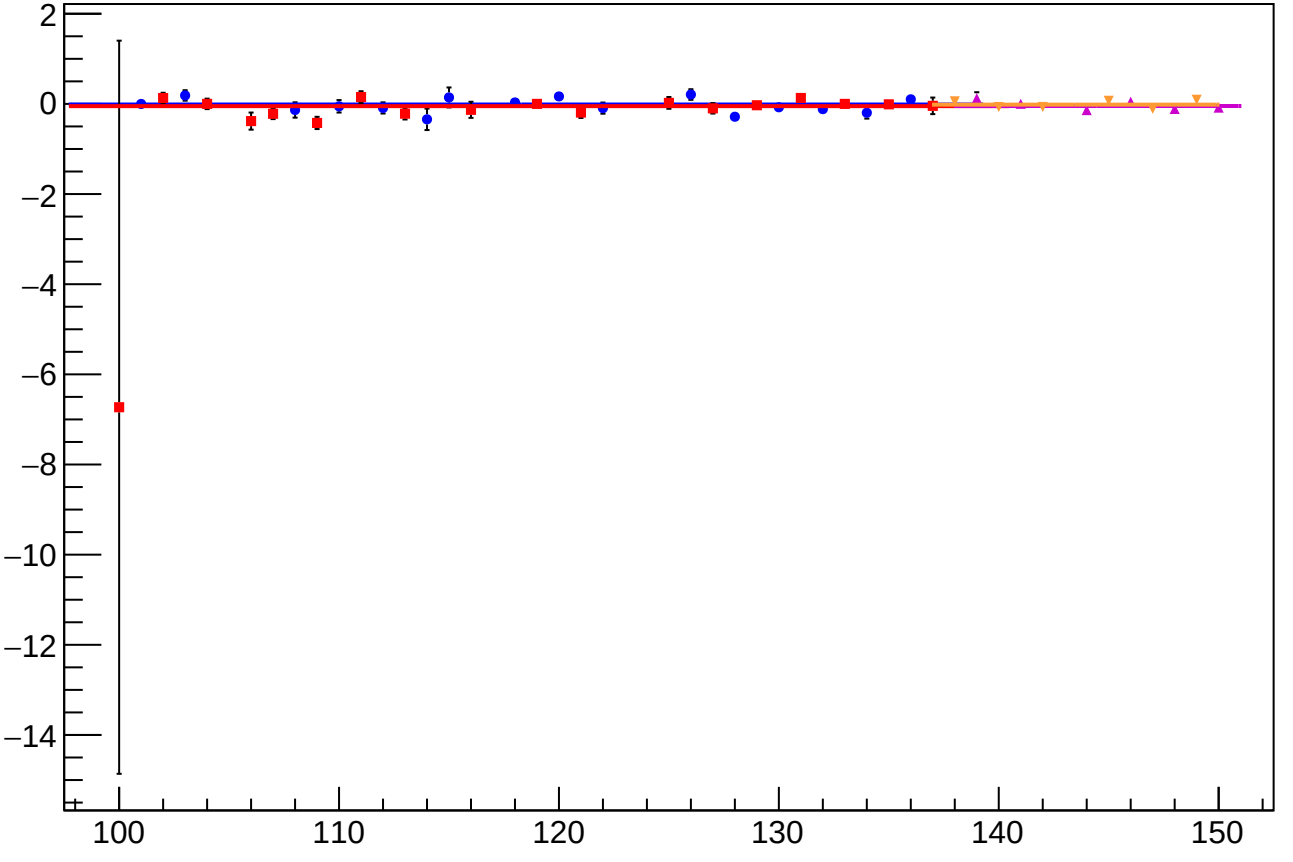
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.063+/-0.028 χ^2/NDF:41.1/21

Out: 0.091+/-0.029 χ^2/NDF:43.5/23

All: 0.076+/-0.020 χ^2/NDF: 85.1/45

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: -0.016+/-0.033 χ^2/NDF:6.7/5

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.047+/-0.030 χ^2/NDF:6.9/5

Left: -0.033+/-0.022 χ^2/NDF: 14.1/11

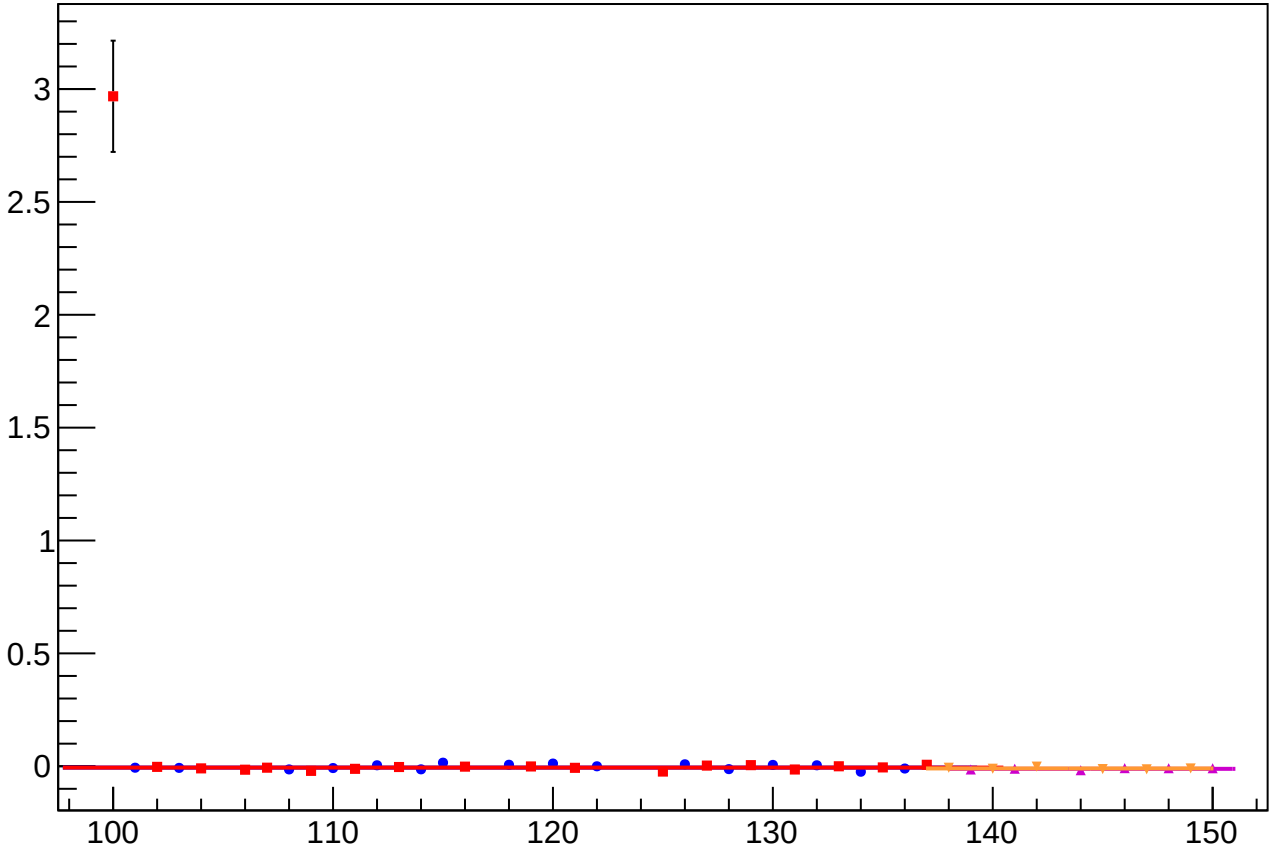
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.028+/-0.020 χ^2/NDF:32.8/21

Out: -0.035+/-0.022 χ^2/NDF:33.0/23

All: -0.031+/-0.015 χ^2/NDF: 65.8/45

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.010+/-0.002 χ^2/NDF:4.5/5

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.012+/-0.001 χ^2/NDF:4.8/5

Left: -0.011+/-0.001 χ^2/NDF: 9.9/11

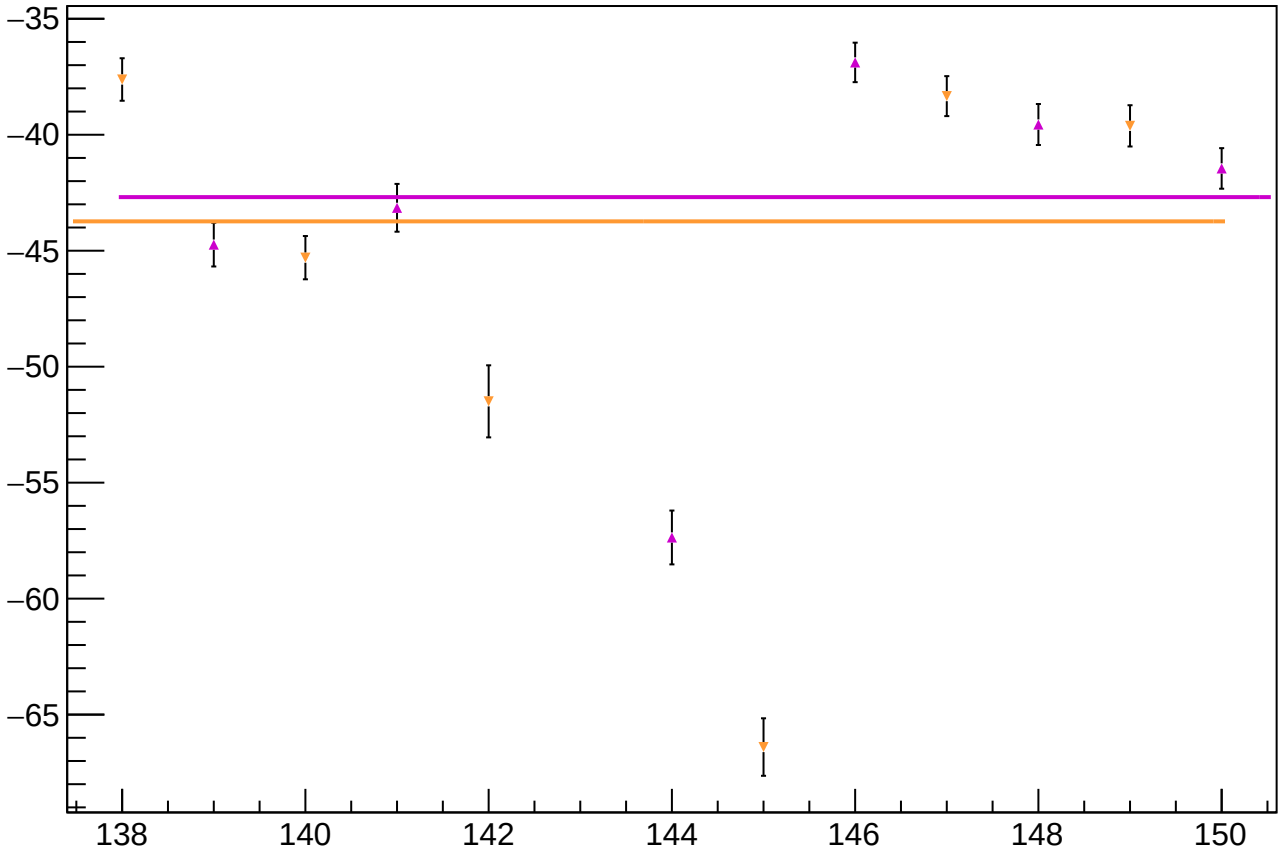
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:40.9/21

Out: -0.008+/-0.001 χ^2/NDF:173.3/23

All: -0.008+/-0.001 χ^2/NDF: 214.7/45

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: -43.735+/-0.408 χ^2/NDF:467.3/5

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

Left In: -42.689+/-0.384 χ^2/NDF:225.9/5

Left: -43.181+/-0.280 χ^2/NDF: 696.8/11

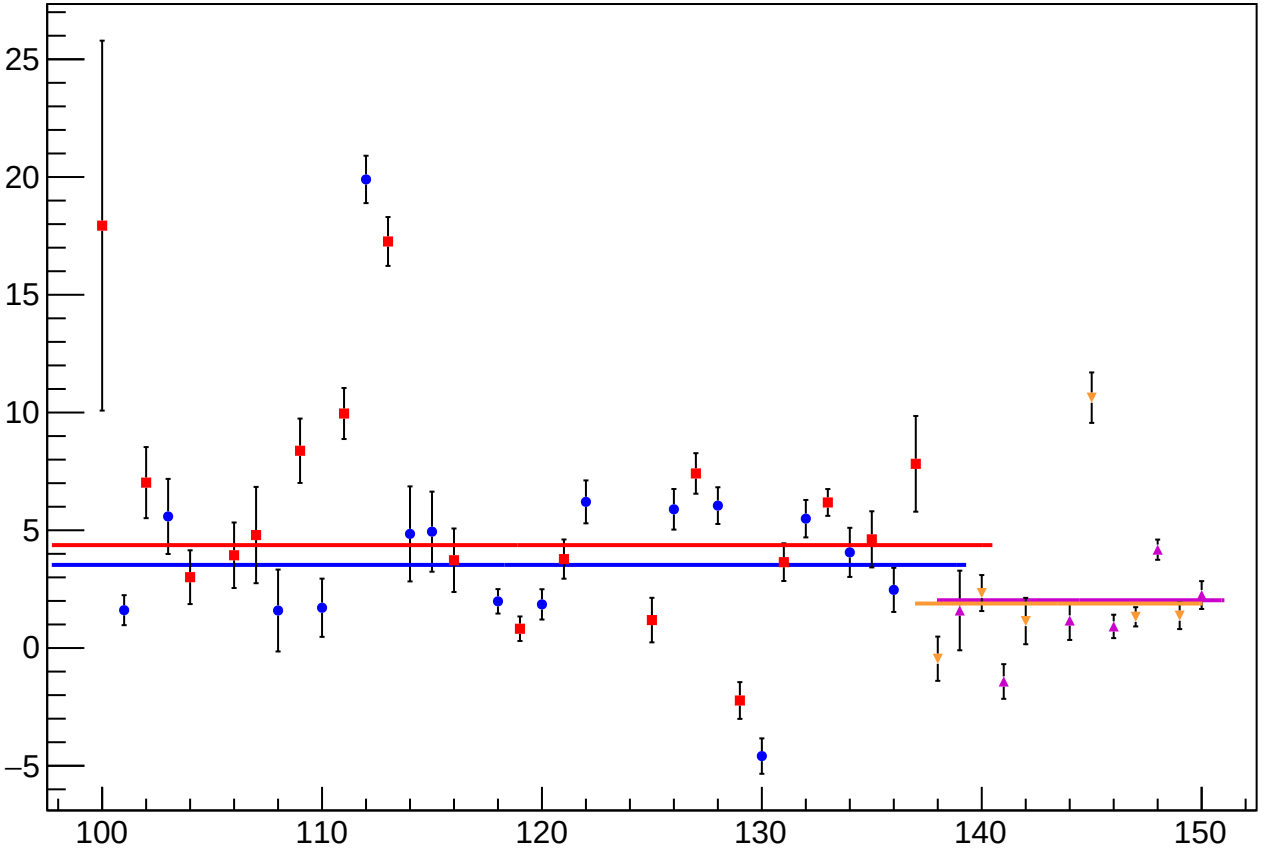
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.689+/-0.384 χ^2/NDF:225.9/5

Out: -43.735+/-0.408 χ^2/NDF:467.3/5

All: -43.181+/-0.280 χ^2/NDF: 696.8/11

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.890+/-0.269 χ^2/NDF:76.4/5

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 2.029+/-0.250 χ^2/NDF:53.4/5

Left: 1.965+/-0.183 χ^2/NDF: 129.9/11

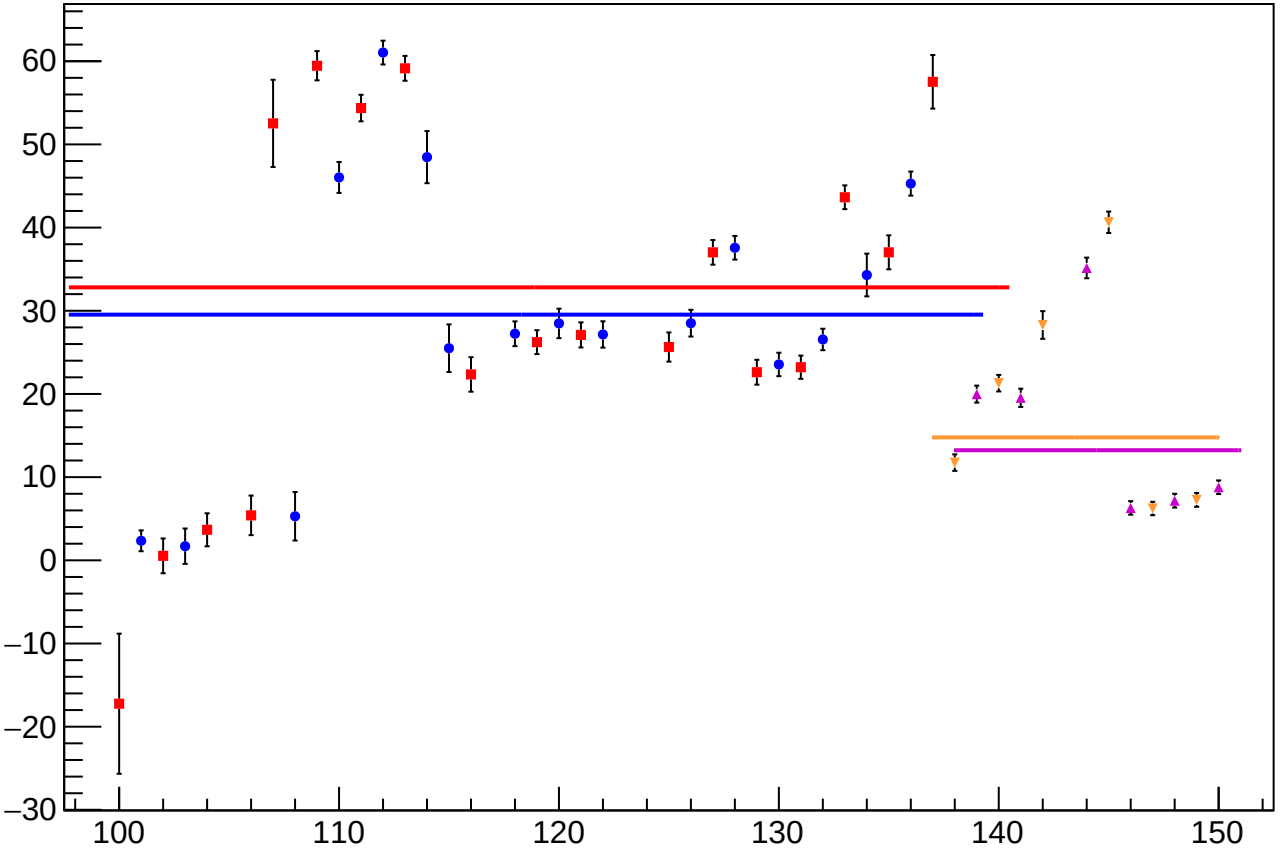
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.883+/-0.164 χ^2/NDF:520.5/21

Out: 3.347+/-0.173 χ^2/NDF:480.1/23

All: 3.103+/-0.119 χ^2/NDF: 1004.4/45

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 14.776+/-0.409 χ^2/NDF:717.1/5

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 13.234+/-0.381 χ^2/NDF:544.5/5

Left: 13.950+/-0.279 χ^2/NDF: 1269.2/11

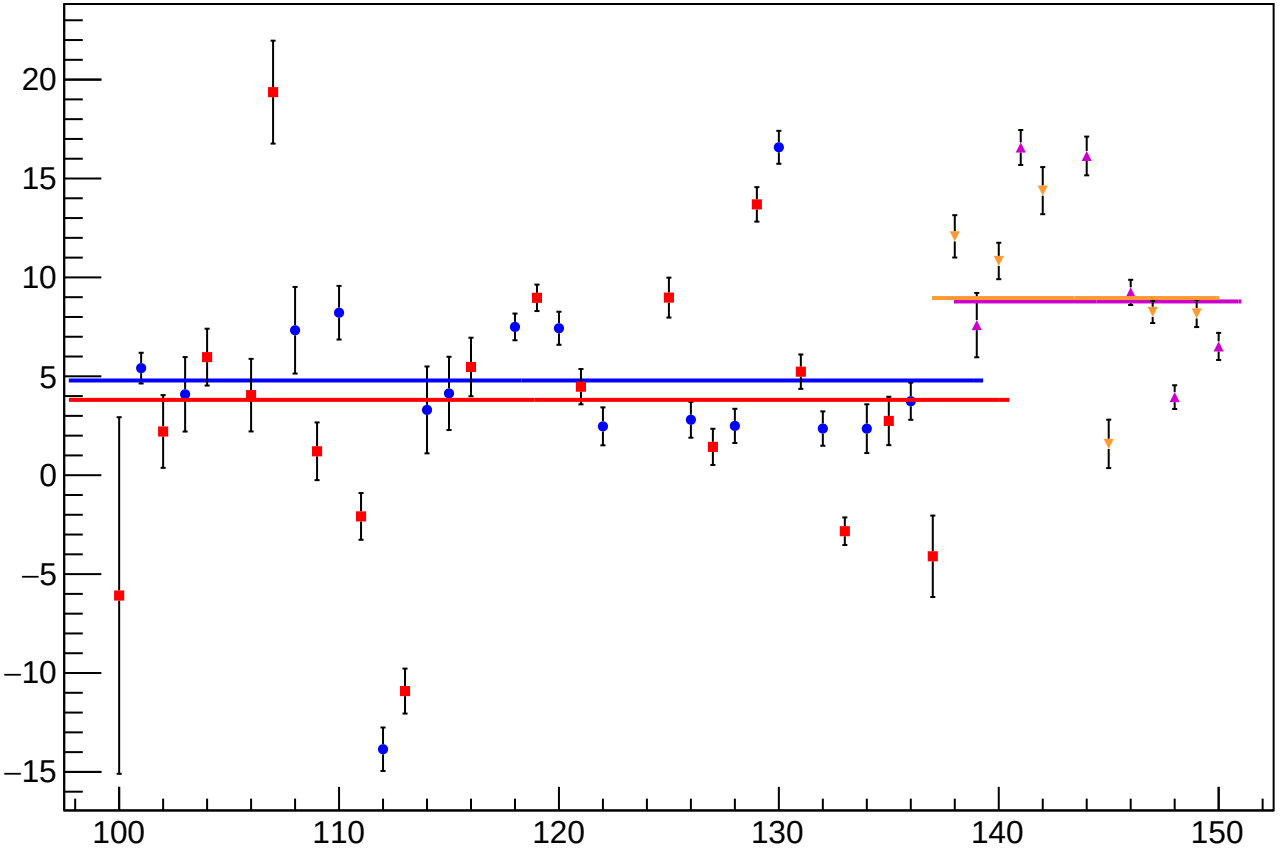
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 20.647+/-0.281 χ^2/NDF:2873.5/21

Out: 23.493+/-0.294 χ^2/NDF:3317.0/23

All: 22.006+/-0.203 χ^2/NDF: 6239.5/45

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: 8.956+/-0.339 χ^2/NDF:72.5/5

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 8.784+/-0.315 χ^2/NDF:211.0/5

Left: 8.864+/-0.231 χ^2/NDF: 283.6/11

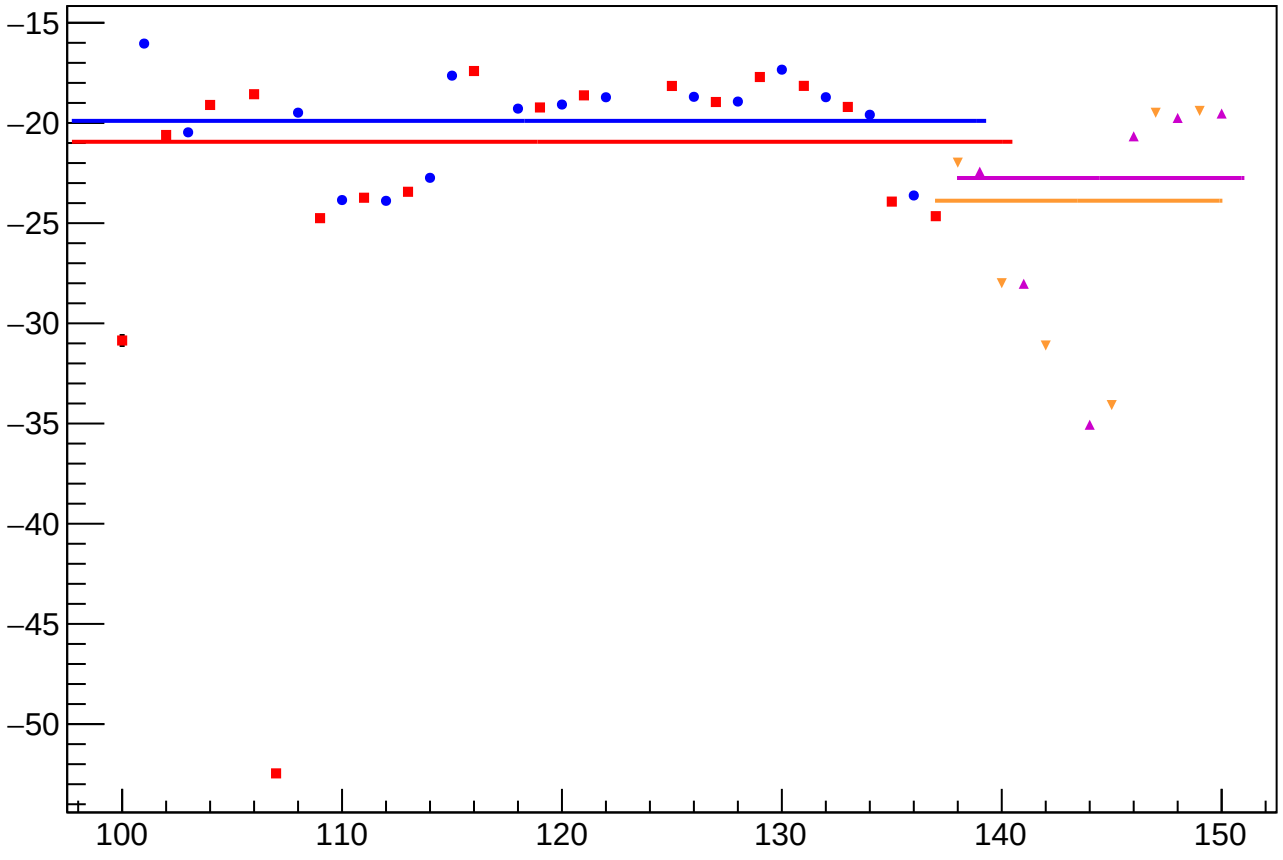
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 6.342+/-0.196 χ^2/NDF:863.3/21

Out: 5.702+/-0.206 χ^2/NDF:785.5/23

All: 6.037+/-0.142 χ^2/NDF: 1653.8/45

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -23.880+/-0.018 χ^2/NDF:92013.7/5

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -22.746+/-0.016 χ^2/NDF:84450.5/5

Left: -23.256+/-0.012 χ^2/NDF: 178766.0/11

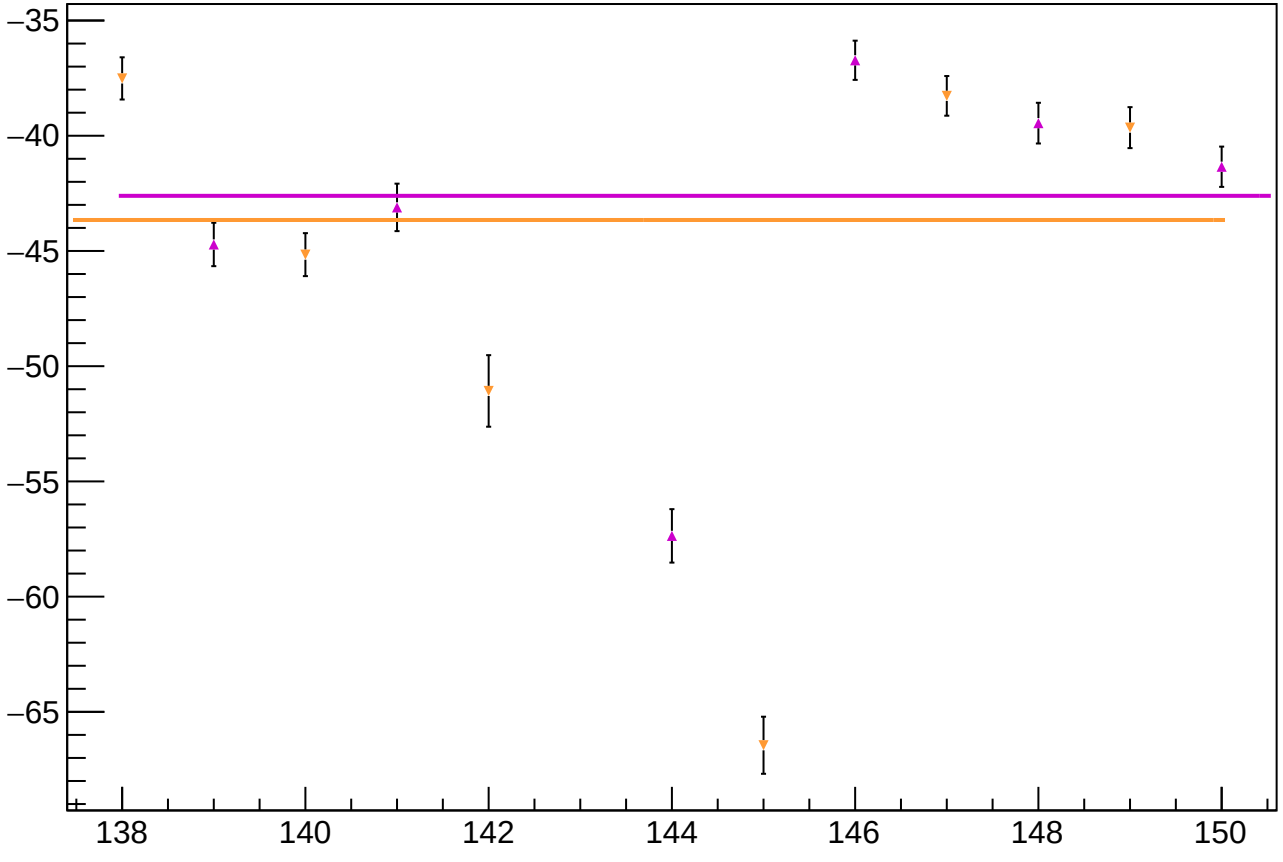
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -21.296+/-0.011 χ^2/NDF:126997.9/21

Out: -22.250+/-0.012 χ^2/NDF:201705.8/23

All: -21.748+/-0.008 χ^2/NDF: 332203.9/45

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: -43.656+/-0.407 χ^2/NDF:468.5/5

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

Left In: -42.607+/-0.384 χ^2/NDF:229.8/5

Left: -43.100+/-0.279 χ^2/NDF: 701.7/11

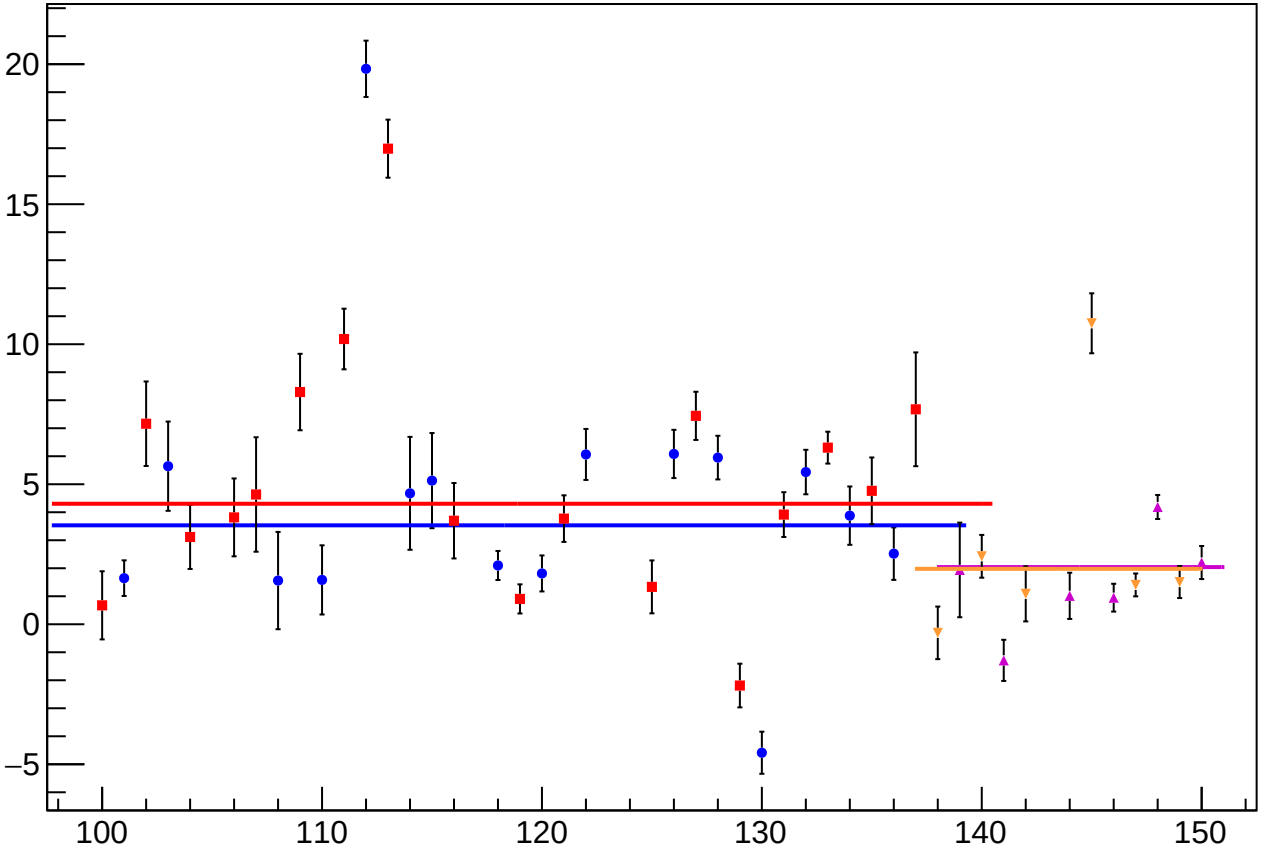
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.607+/-0.384 χ^2/NDF:229.8/5

Out: -43.656+/-0.407 χ^2/NDF:468.5/5

All: -43.100+/-0.279 χ^2/NDF: 701.7/11

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.979+/-0.269 χ^2/NDF:76.8/5

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 2.041+/-0.250 χ^2/NDF:52.1/5

Left: 2.013+/-0.183 χ^2/NDF: 128.9/11

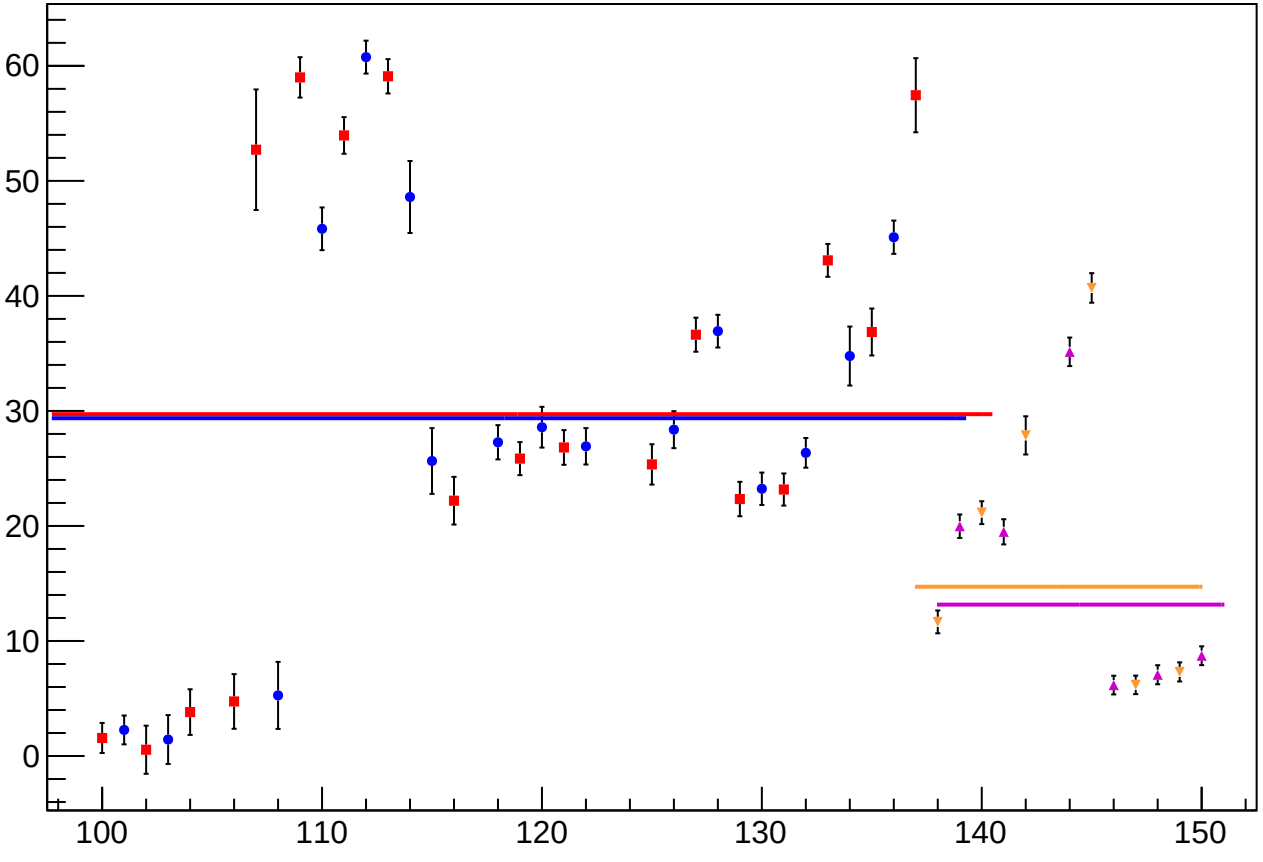
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.890+/-0.164 χ^2/NDF:515.6/21

Out: 3.364+/-0.171 χ^2/NDF:474.1/23

All: 3.117+/-0.118 χ^2/NDF: 993.7/45

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: 14.717+/-0.409 χ^2/NDF:714.5/5

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 13.161+/-0.380 χ^2/NDF:549.8/5

Left: 13.883+/-0.278 χ^2/NDF: 1272.1/11

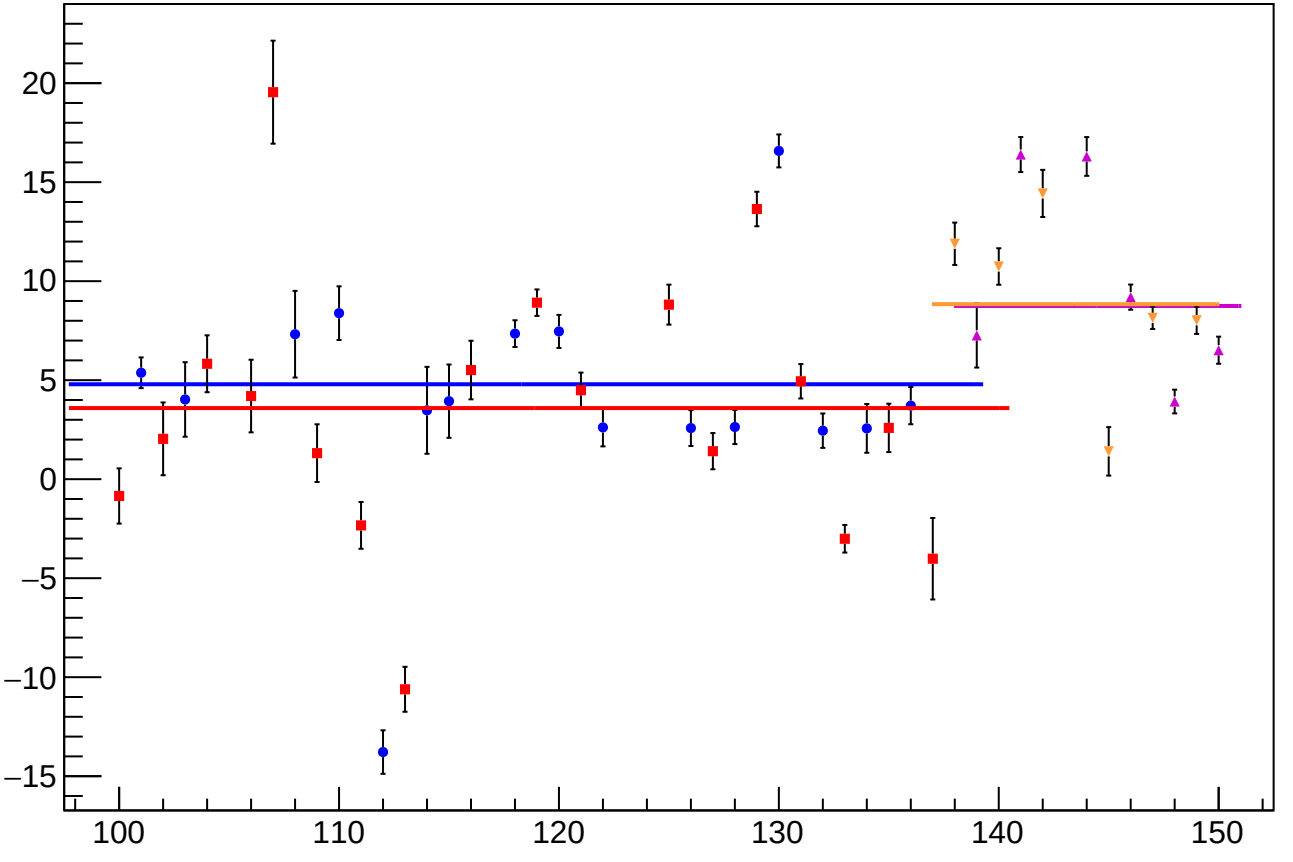
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 20.531+/-0.281 χ^2/NDF:2864.1/21

Out: 22.332+/-0.287 χ^2/NDF:3528.2/23

All: 21.413+/-0.201 χ^2/NDF: 6412.4/45

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.838+/-0.339 χ^2/NDF:74.3/5

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 8.748+/-0.315 χ^2/NDF:211.2/5

Left: 8.790+/-0.231 χ^2/NDF: 285.5/11

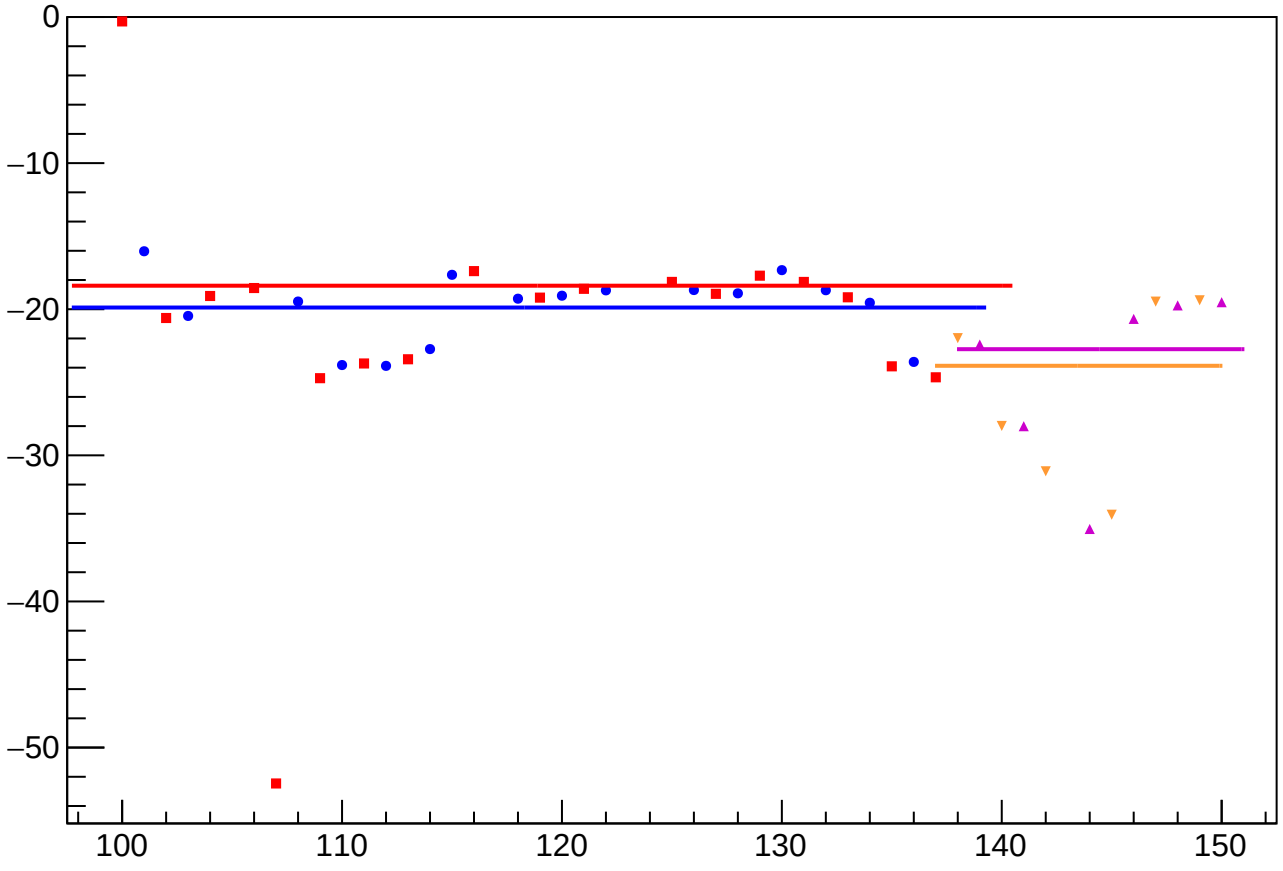
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 6.331+/-0.196 χ^2/NDF:857.6/21

Out: 5.481+/-0.204 χ^2/NDF:800.7/23

All: 5.921+/-0.141 χ^2/NDF: 1667.4/45

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -23.871+/-0.018 χ^2/NDF:92070.5/5

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -22.734+/-0.016 χ^2/NDF:84407.2/5

Left: -23.246+/-0.012 χ^2/NDF: 178796.2/11

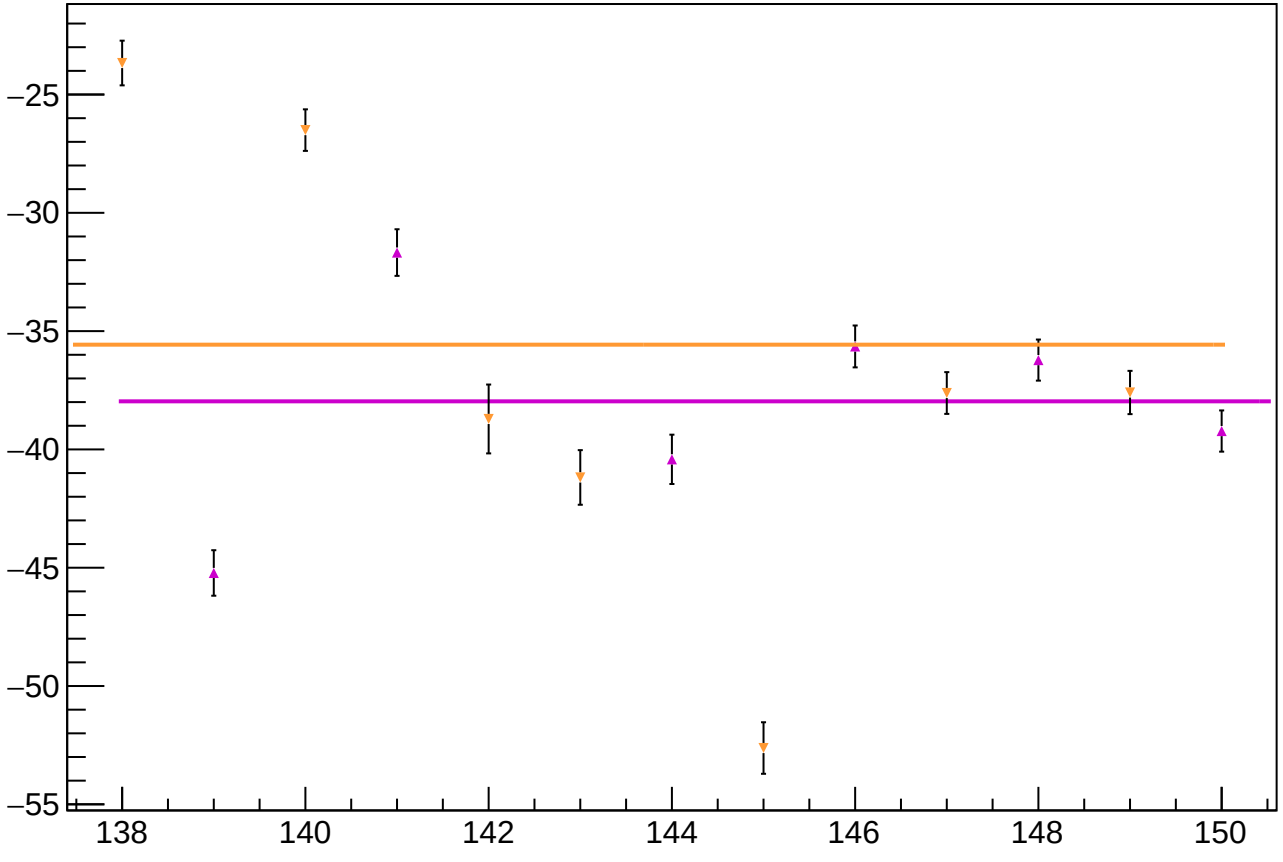
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -21.284+/-0.011 χ^2/NDF:126964.6/21

Out: -20.663+/-0.011 χ^2/NDF:450692.1/23

All: -20.978+/-0.008 χ^2/NDF: 579192.9/45

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: -35.573+/-0.379 χ^2/NDF:549.0/6

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

Left In: -37.968+/-0.379 χ^2/NDF:116.1/5

Left: -36.769+/-0.268 χ^2/NDF: 685.1/12

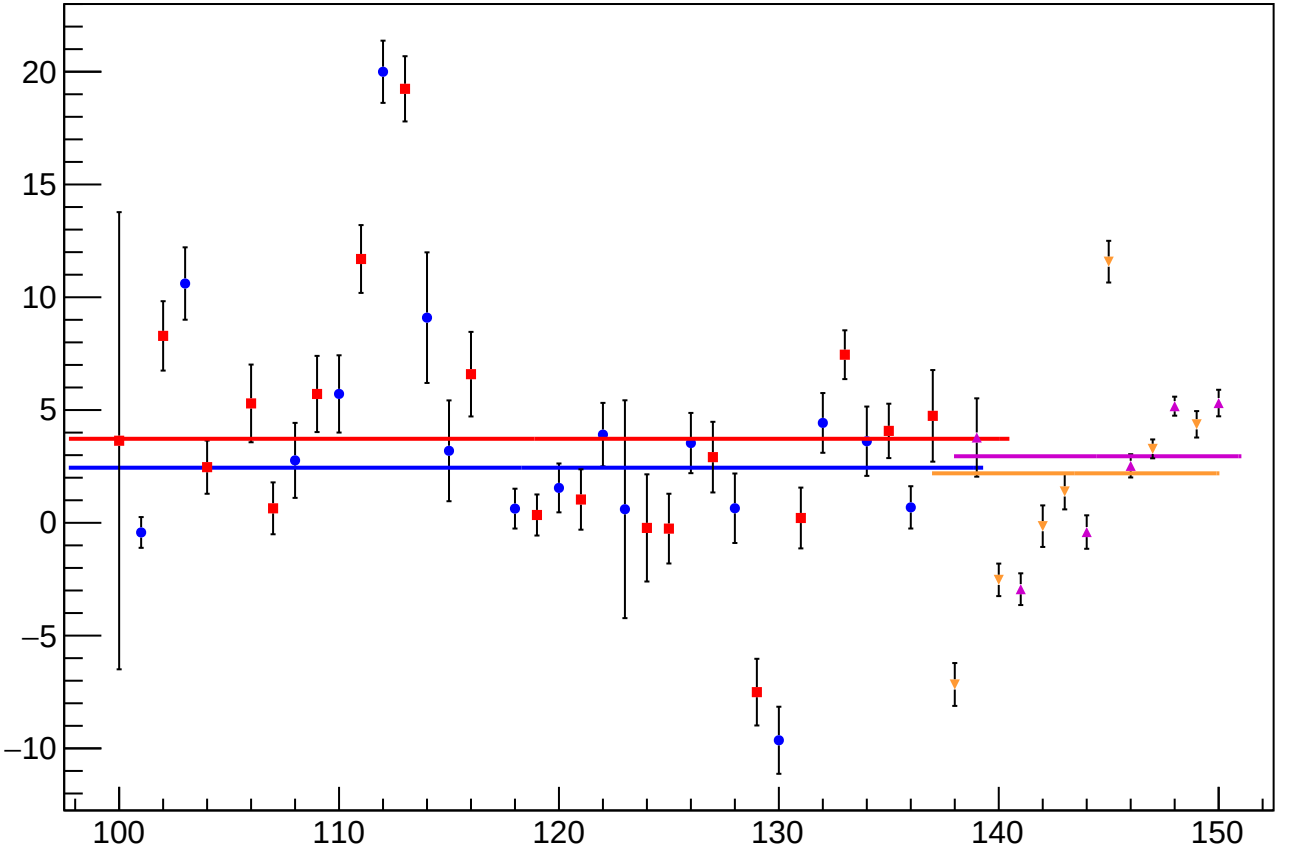
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.968+/-0.379 χ^2/NDF:116.1/5

Out: -35.573+/-0.379 χ^2/NDF:549.0/6

All: -36.769+/-0.268 χ^2/NDF: 685.1/12

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 2.194+/-0.253 χ^2/NDF:271.0/6

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 2.951+/-0.246 χ^2/NDF:135.5/5

Left: 2.583+/-0.177 χ^2/NDF: 411.1/12

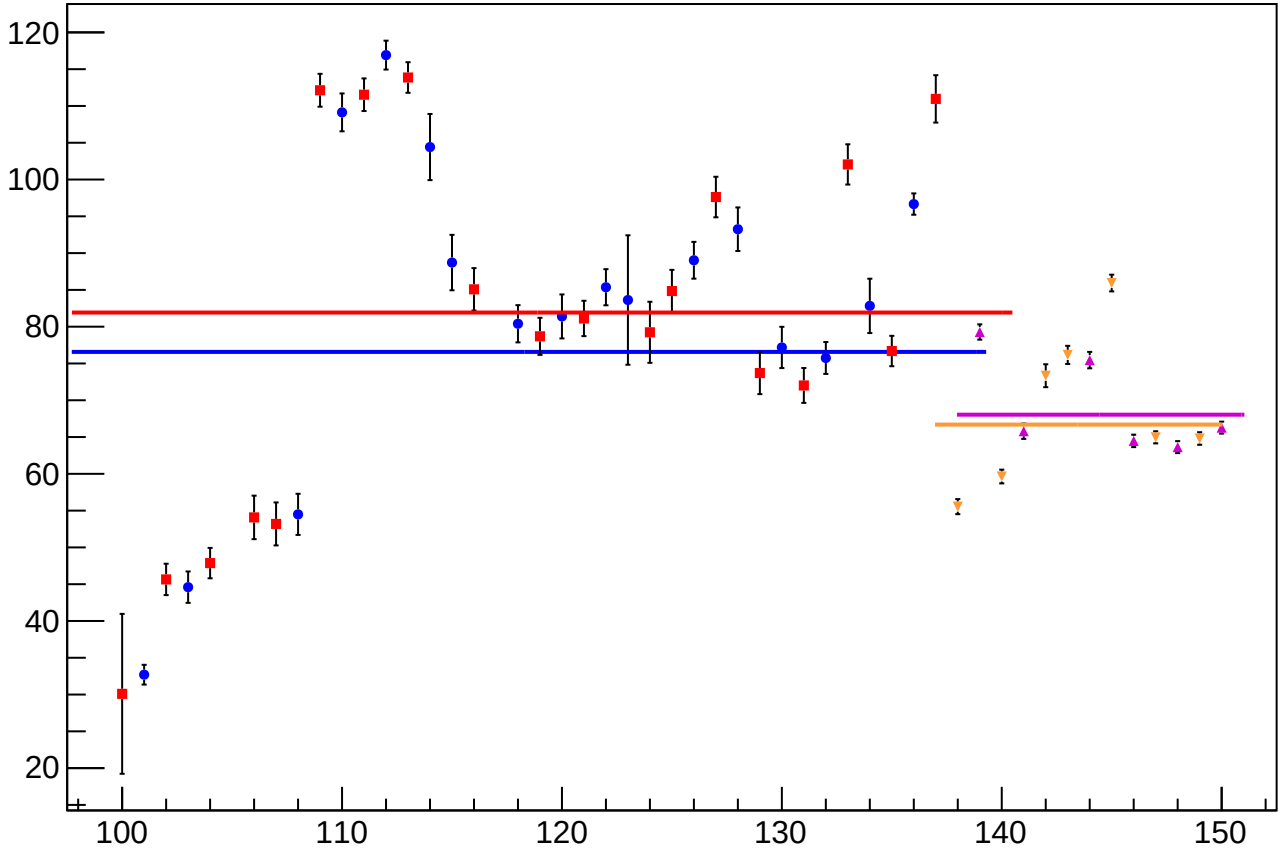
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 2.755+/-0.193 χ^2/NDF:432.4/22

Out: 2.769+/-0.200 χ^2/NDF:553.8/25

All: 2.762+/-0.139 χ^2/NDF: 986.3/48

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 66.694+/-0.384 χ^2/NDF:548.3/6

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 68.040+/-0.377 χ^2/NDF:217.1/5

Left: 67.380+/-0.269 χ^2/NDF: 771.7/12

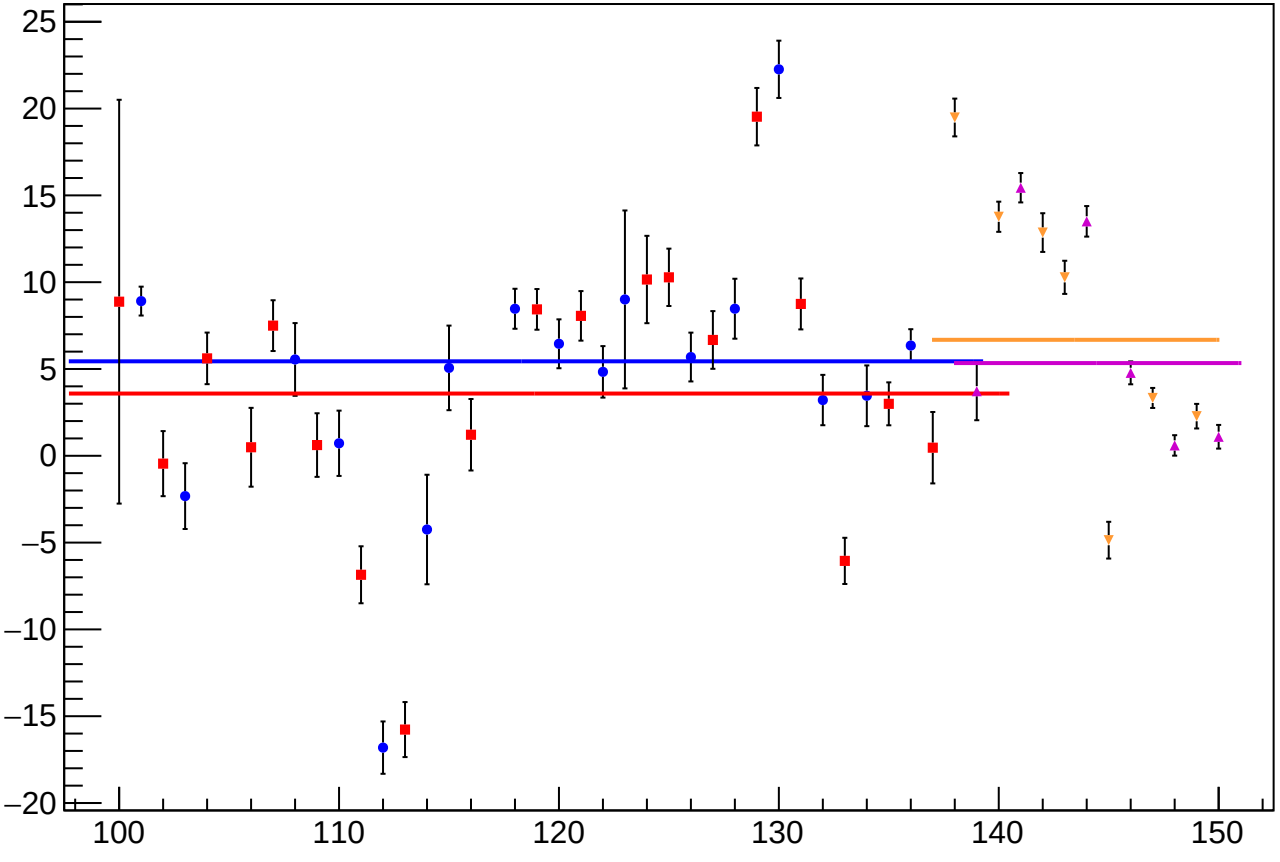
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 70.611+/-0.315 χ^2/NDF:2625.4/22

Out: 71.205+/-0.322 χ^2/NDF:2584.8/25

All: 70.901+/-0.225 χ^2/NDF: 5212.0/48

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 6.680+/-0.317 χ^2/NDF:441.1/6

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 5.340+/-0.310 χ^2/NDF:333.8/5

Left: 5.997+/-0.222 χ^2/NDF: 784.0/12

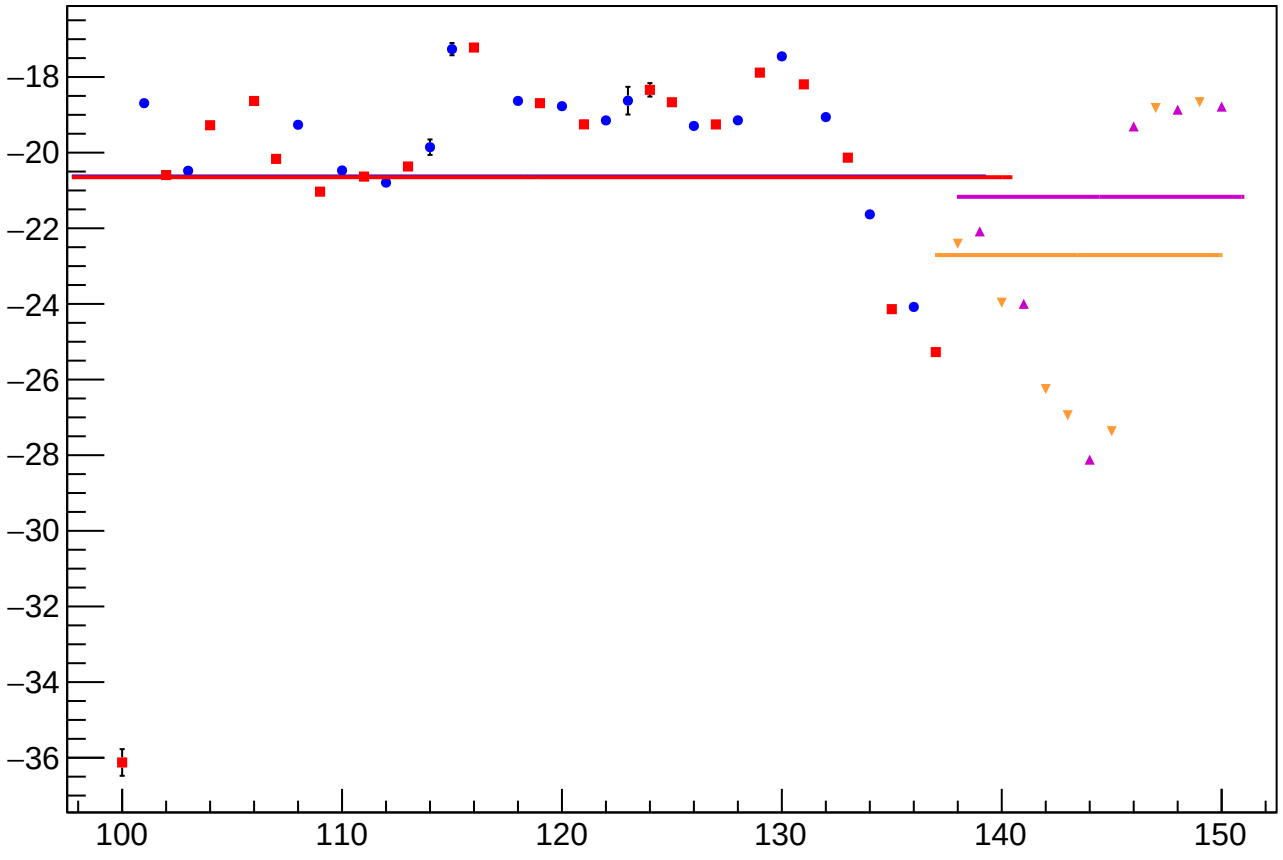
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 5.384+/-0.234 χ^2/NDF:721.3/22

Out: 5.392+/-0.242 χ^2/NDF:904.1/25

All: 5.388+/-0.168 χ^2/NDF: 1625.4/48

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: -22.708+/-0.016 χ^2/NDF:44199.4/6

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -21.168+/-0.016 χ^2/NDF:36934.3/5

Left: -21.908+/-0.011 χ^2/NDF: 85764.3/12

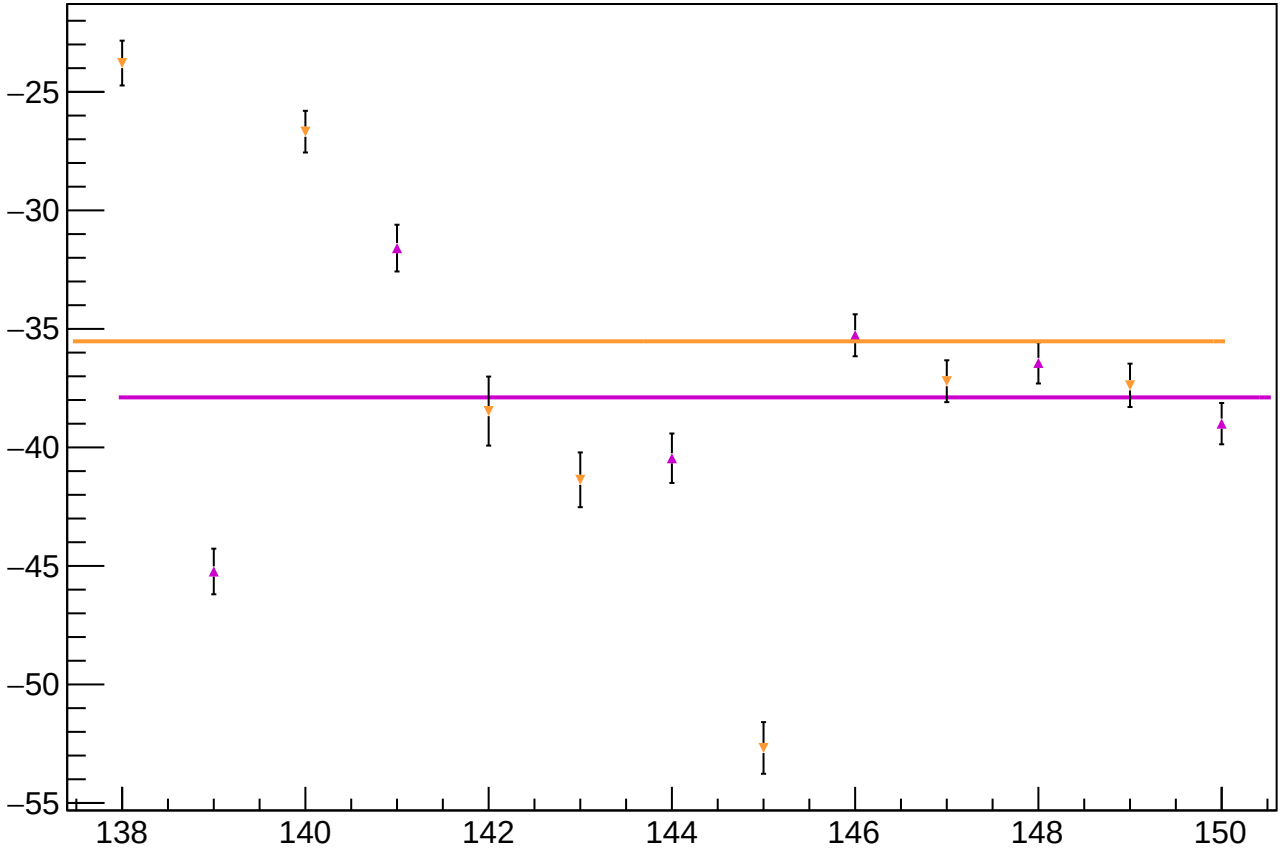
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -20.954+/-0.012 χ^2/NDF:49892.4/22

Out: -21.857+/-0.012 χ^2/NDF:64670.5/25

All: -21.394+/-0.009 χ^2/NDF: 117246.6/48

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: -35.524+/-0.379 χ^2/NDF:540.8/6

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

Left In: -37.889+/-0.379 χ^2/NDF:118.3/5

Left: -36.706+/-0.268 χ^2/NDF: 678.5/12

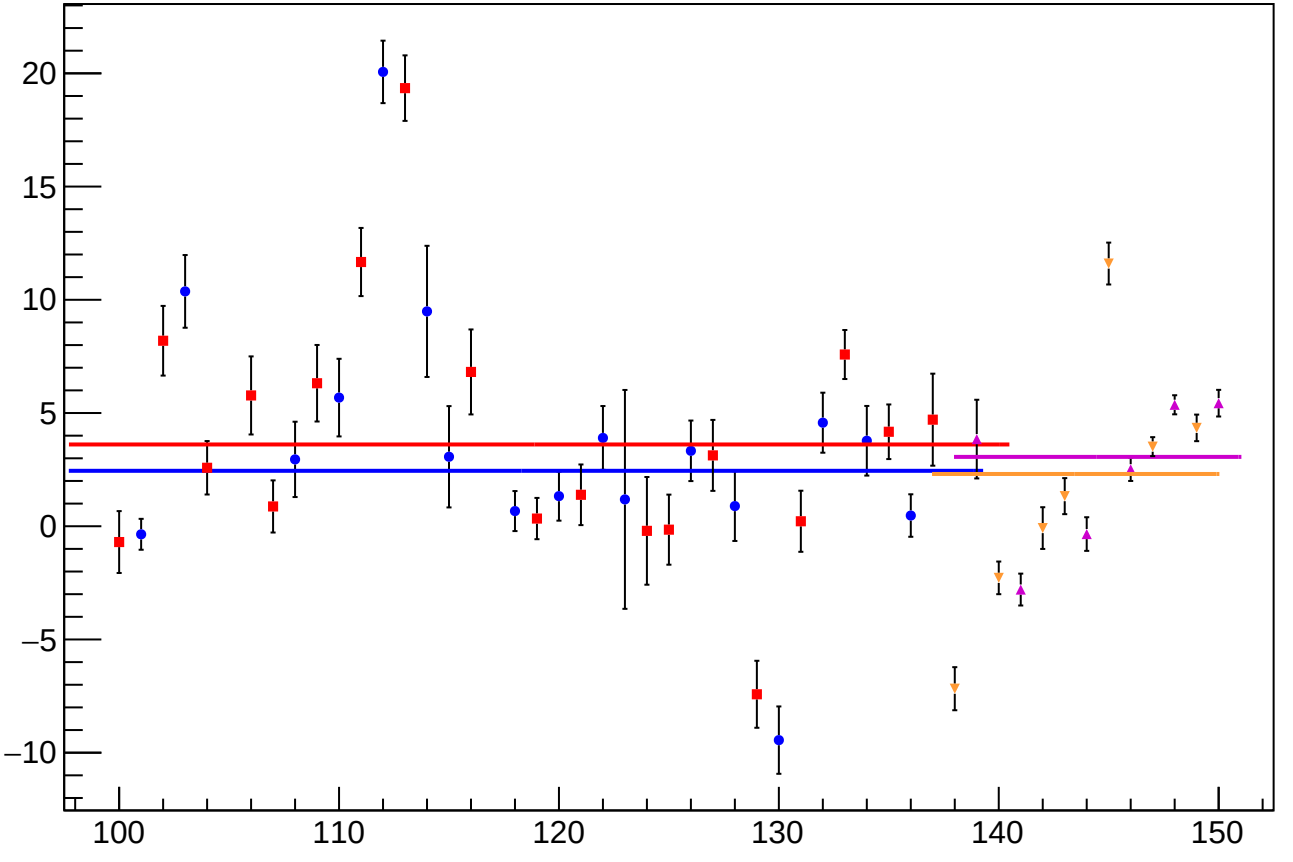
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.889+/-0.379 χ^2/NDF:118.3/5

Out: -35.524+/-0.379 χ^2/NDF:540.8/6

All: -36.706+/-0.268 χ^2/NDF: 678.5/12

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: 2.308+/-0.253 χ^2/NDF:269.4/6

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 3.063+/-0.247 χ^2/NDF:137.7/5

Left: 2.696+/-0.177 χ^2/NDF: 411.7/12

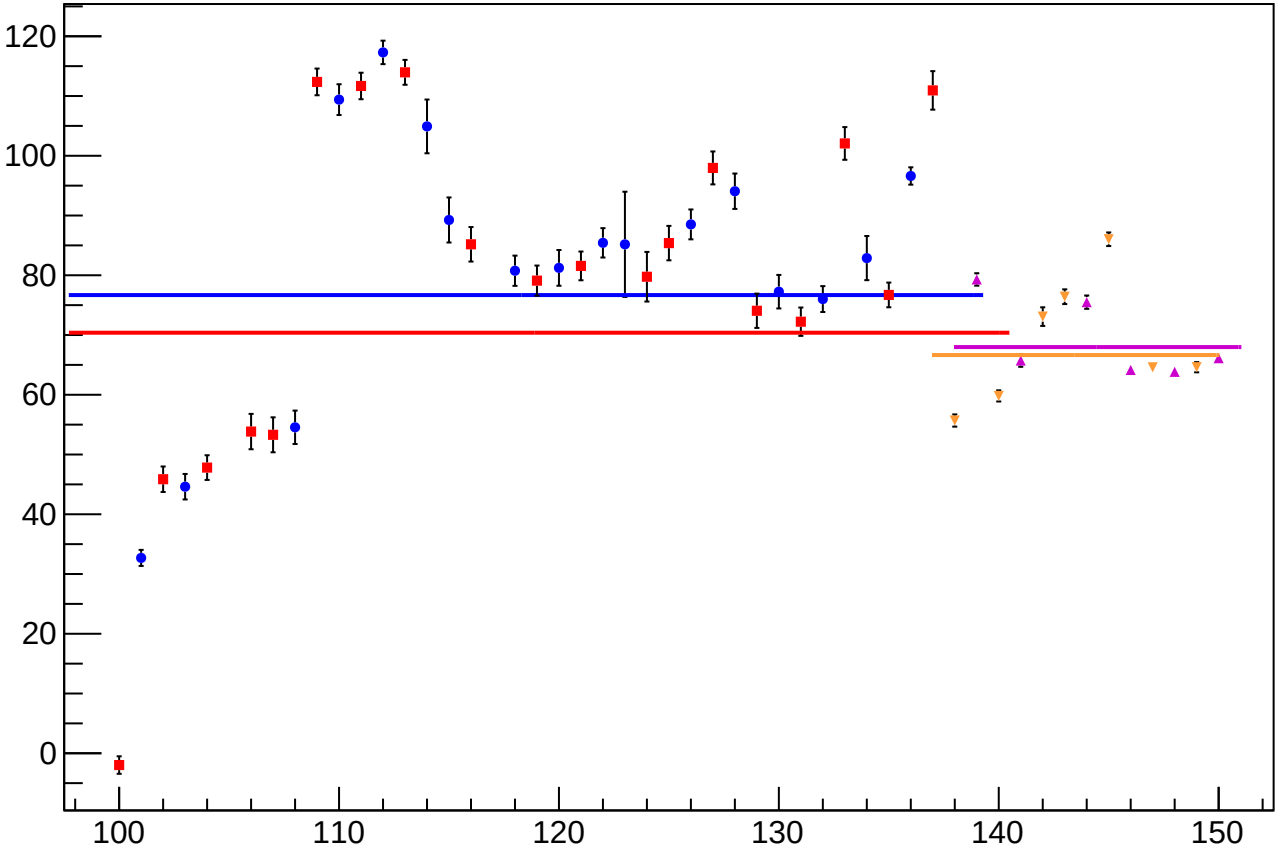
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 2.826+/-0.193 χ^2/NDF:433.5/22

Out: 2.814+/-0.198 χ^2/NDF:559.1/25

All: 2.820+/-0.138 χ^2/NDF: 992.6/48

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 66.647+/-0.384 χ^2/NDF:549.5/6

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 67.983+/-0.377 χ^2/NDF:219.6/5

Left: 67.328+/-0.269 χ^2/NDF: 775.3/12

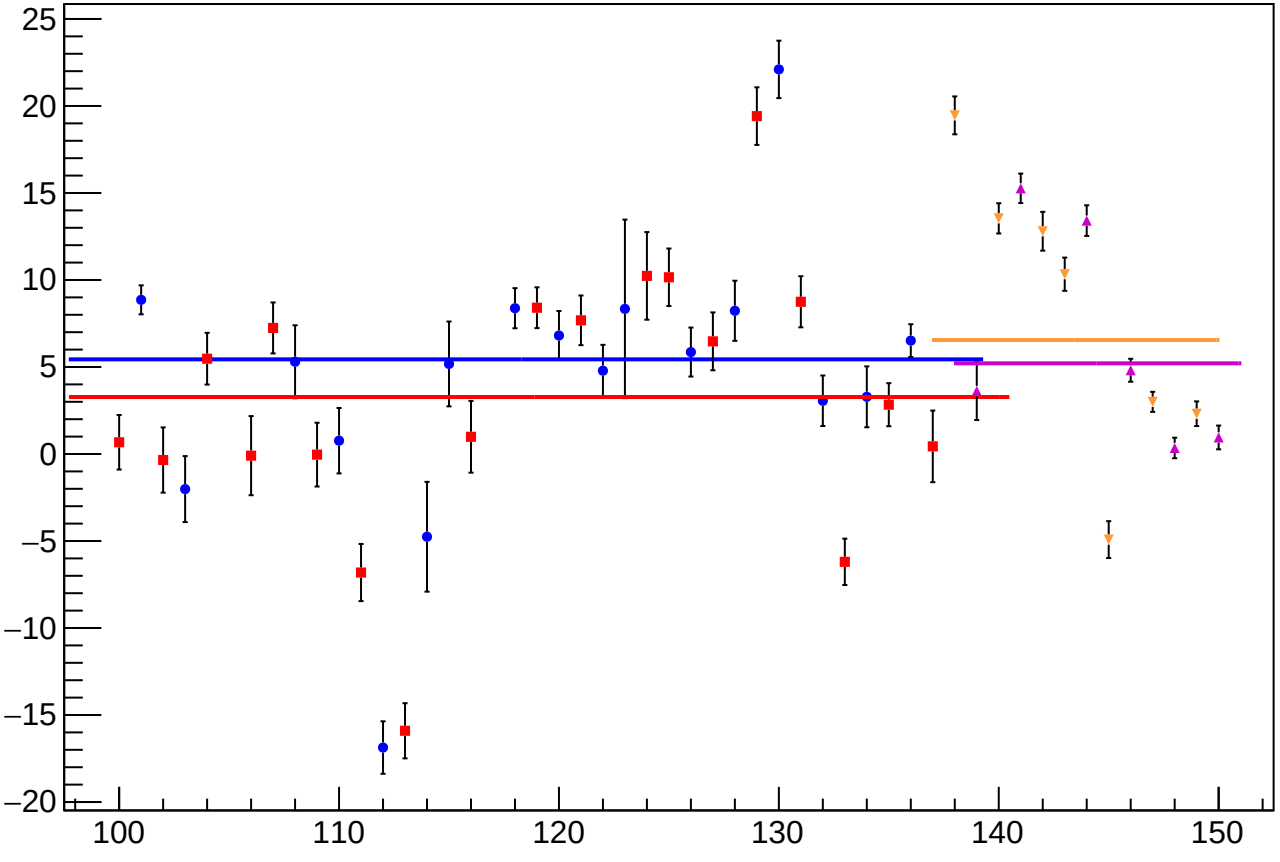
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 70.607+/-0.315 χ^2/NDF:2645.5/22

Out: 67.874+/-0.315 χ^2/NDF:4971.7/25

All: 69.240+/-0.223 χ^2/NDF: 7654.9/48

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 6.548+/-0.317 χ^2/NDF:443.2/6

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 5.210+/-0.311 χ^2/NDF:336.2/5

Left: 5.866+/-0.222 χ^2/NDF: 788.5/12

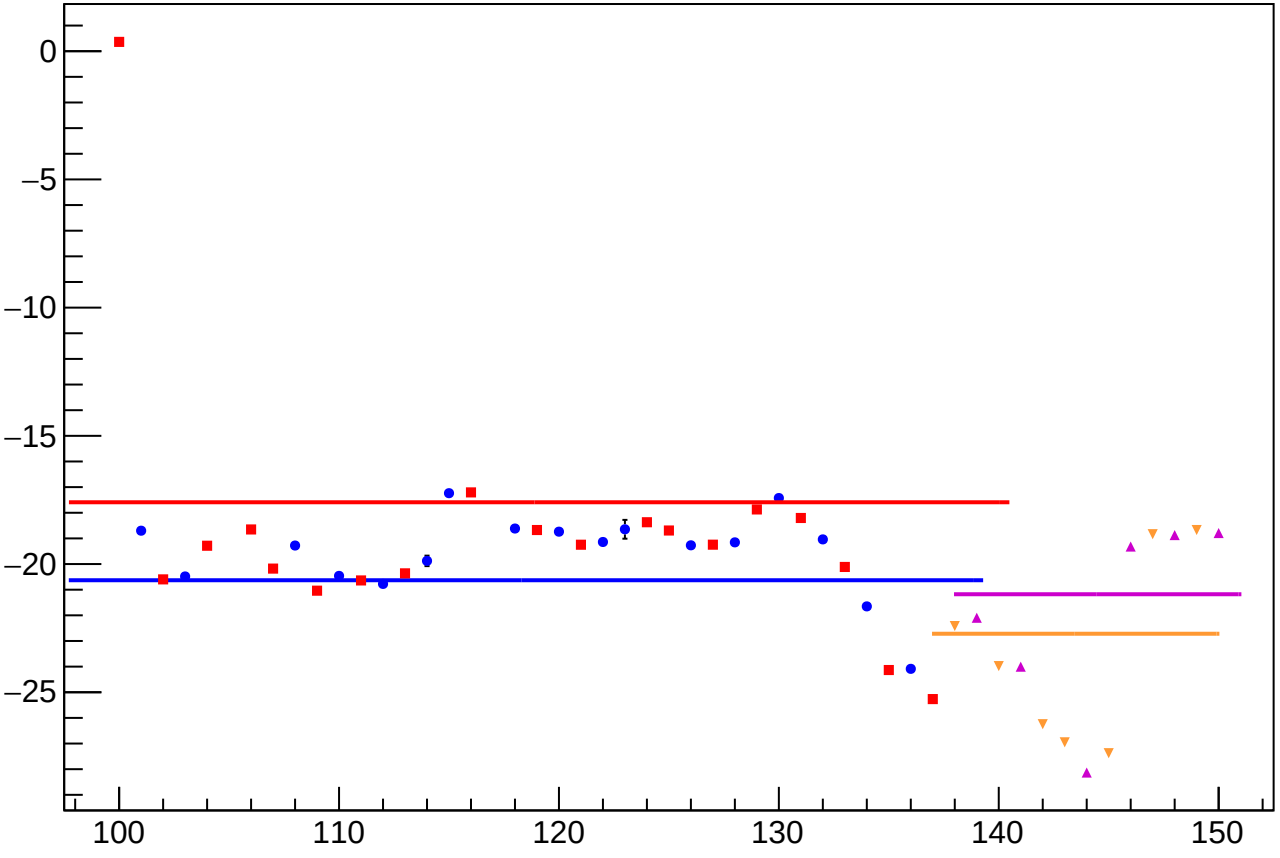
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 5.309+/-0.235 χ^2/NDF:722.3/22

Out: 5.142+/-0.239 χ^2/NDF:914.8/25

All: 5.227+/-0.168 χ^2/NDF: 1637.4/48

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: -22.718+/-0.016 χ^2/NDF:44089.3/6

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -21.177+/-0.016 χ^2/NDF:36908.3/5

Left: -21.918+/-0.011 χ^2/NDF: 85624.2/12

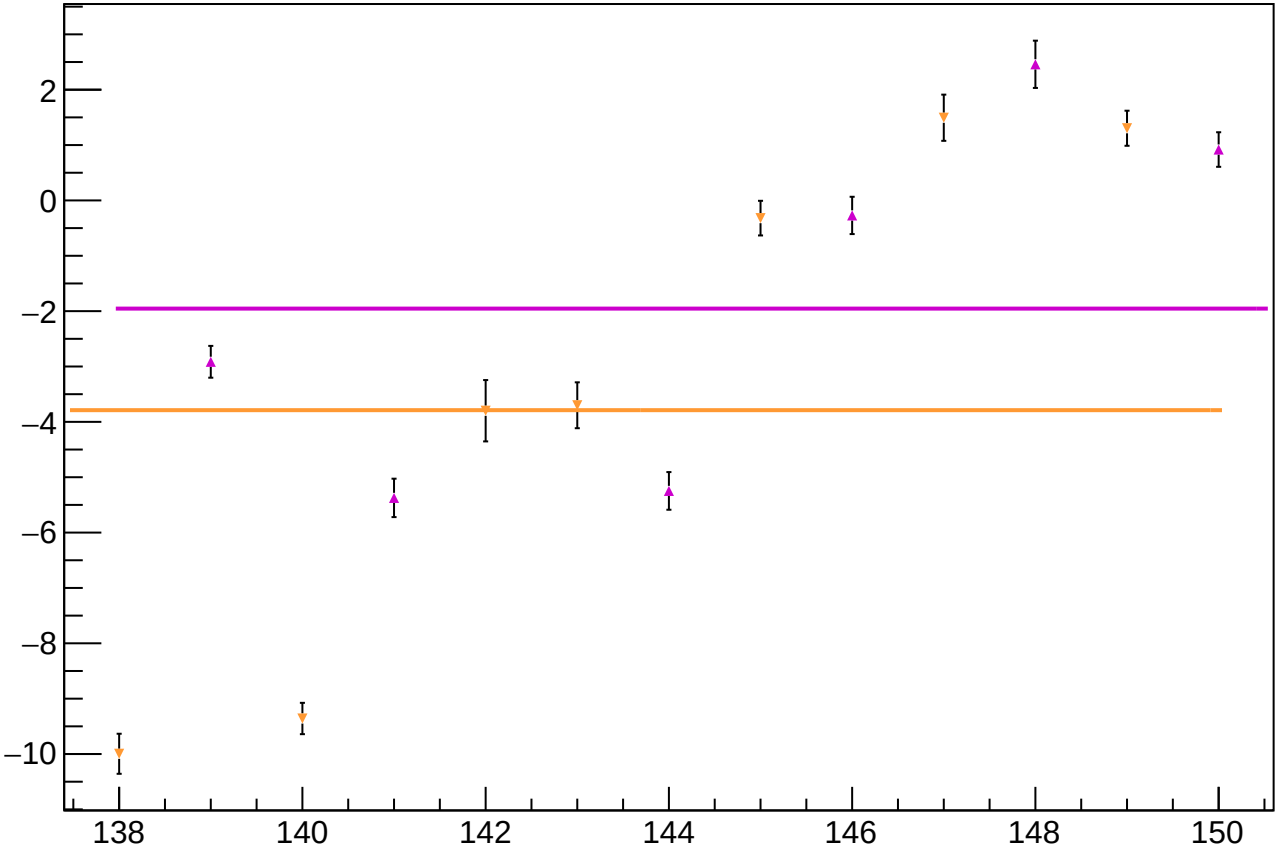
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -20.960+/-0.012 χ^2/NDF:49920.8/22

Out: -20.407+/-0.012 χ^2/NDF:267263.3/25

All: -20.681+/-0.009 χ^2/NDF: 318222.1/48

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: -3.789+/-0.135 χ^2/NDF:1223.5/6

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

Left In: -1.954+/-0.137 χ^2/NDF:418.5/5

Left: -2.884+/-0.096 χ^2/NDF: 1733.5/12

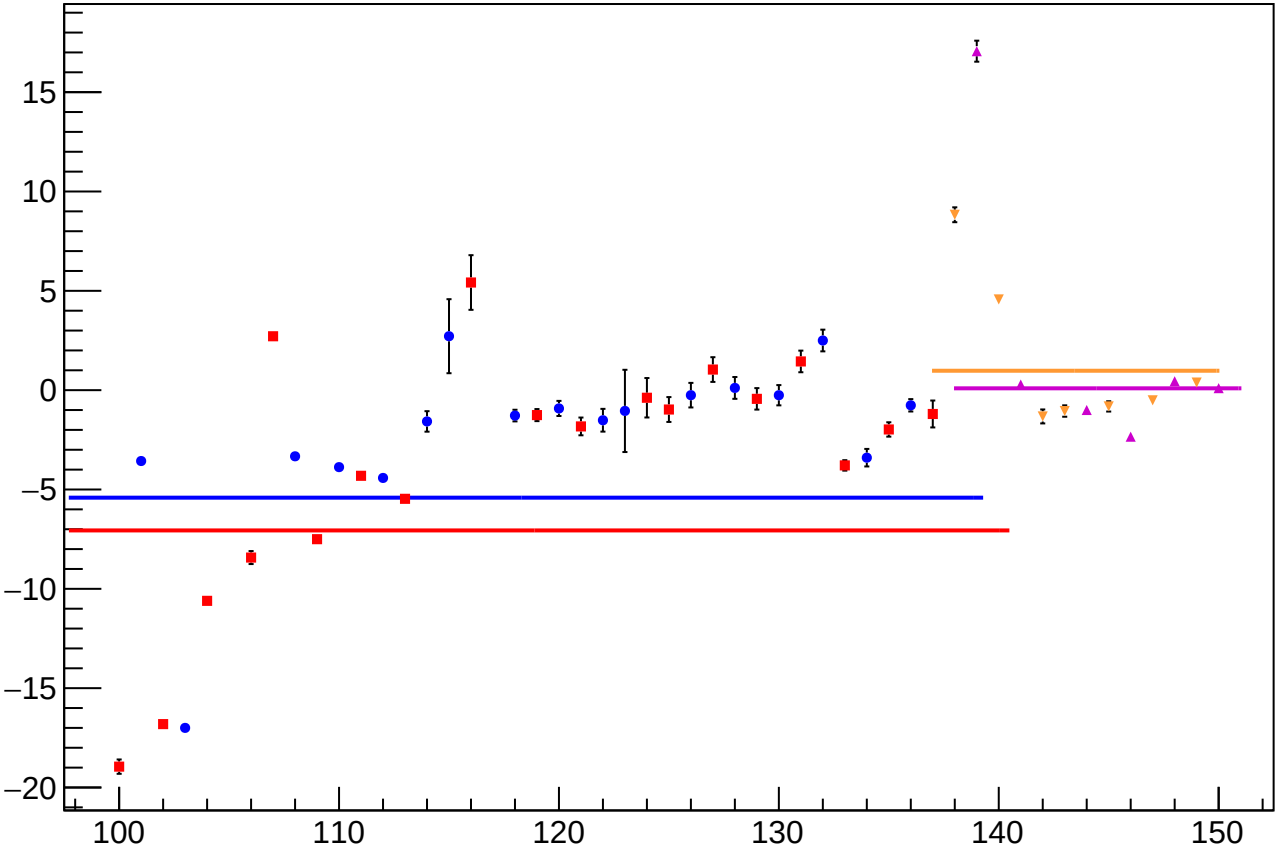
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.954+/-0.137 χ^2/NDF:418.5/5

Out: -3.789+/-0.135 χ^2/NDF:1223.5/6

All: -2.884+/-0.096 χ^2/NDF: 1733.5/12

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: 0.978+/-0.096 χ^2/NDF:877.0/6

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.093+/-0.098 χ^2/NDF:1182.4/5

Left: 0.547+/-0.069 χ^2/NDF: 2100.9/12

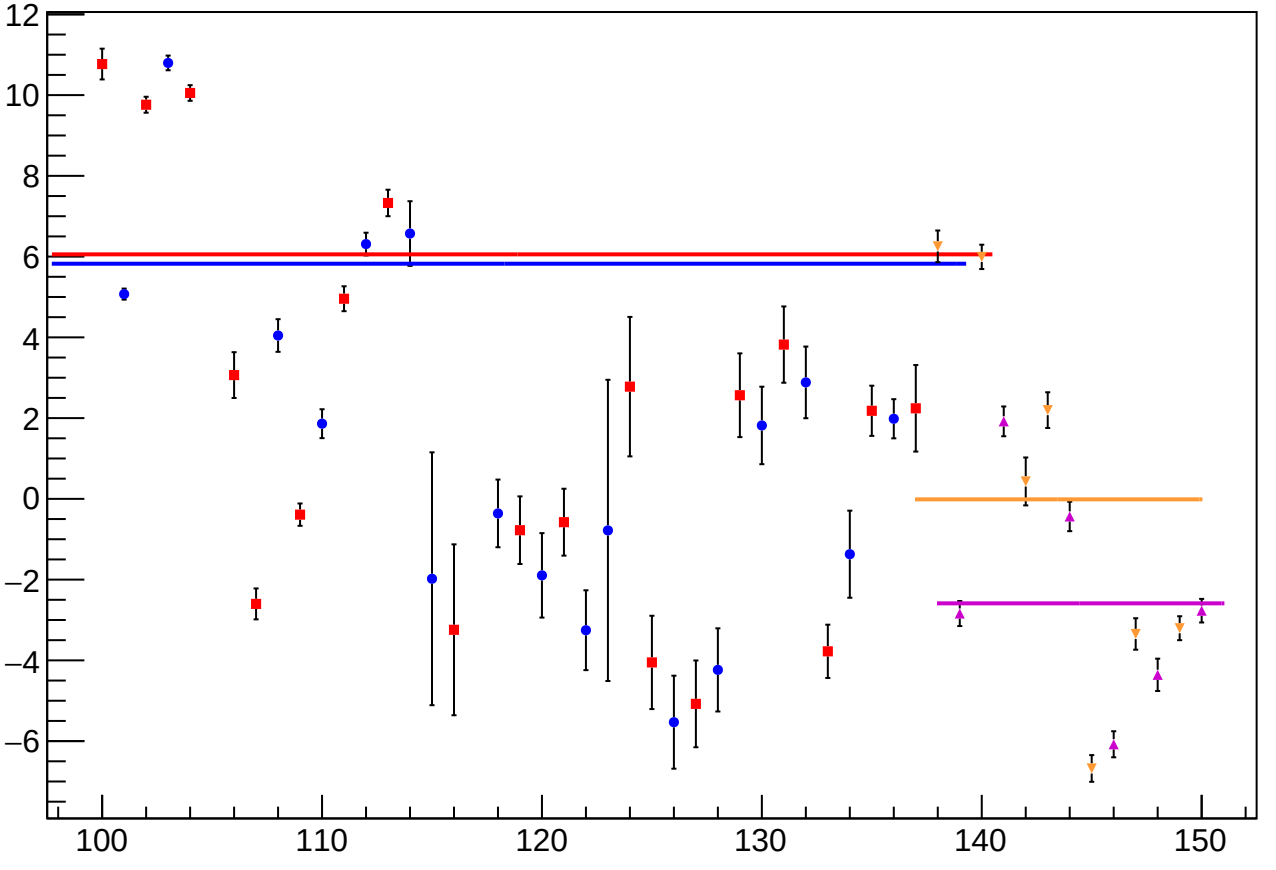
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -4.112+/-0.048 χ^2/NDF:12830.3/22

Out: -4.848+/-0.050 χ^2/NDF:18307.2/25

All: -4.462+/-0.035 χ^2/NDF: 31250.1/48

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: -0.012+/-0.138 χ^2/NDF:1273.1/6

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -2.588+/-0.138 χ^2/NDF:321.6/5

Left: -1.303+/-0.097 χ^2/NDF: 1769.5/12

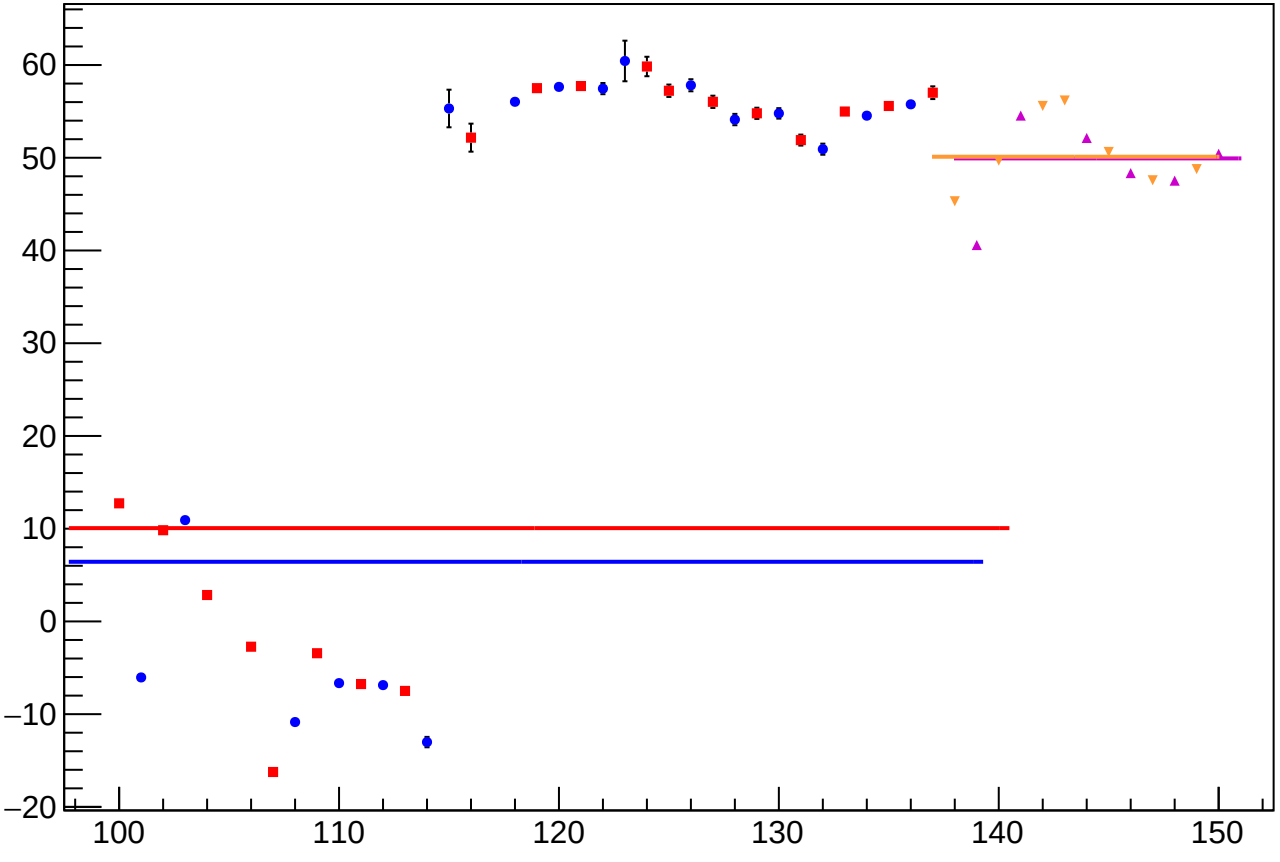
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 3.319+/-0.075 χ^2/NDF:4399.1/22

Out: 4.150+/-0.077 χ^2/NDF:5270.0/25

All: 3.723+/-0.054 χ^2/NDF: 9728.7/48

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 50.110+/-0.117 χ^2/NDF:725.6/6

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.930+/-0.120 χ^2/NDF:740.3/5

Left: 50.022+/-0.084 χ^2/NDF: 1467.0/12

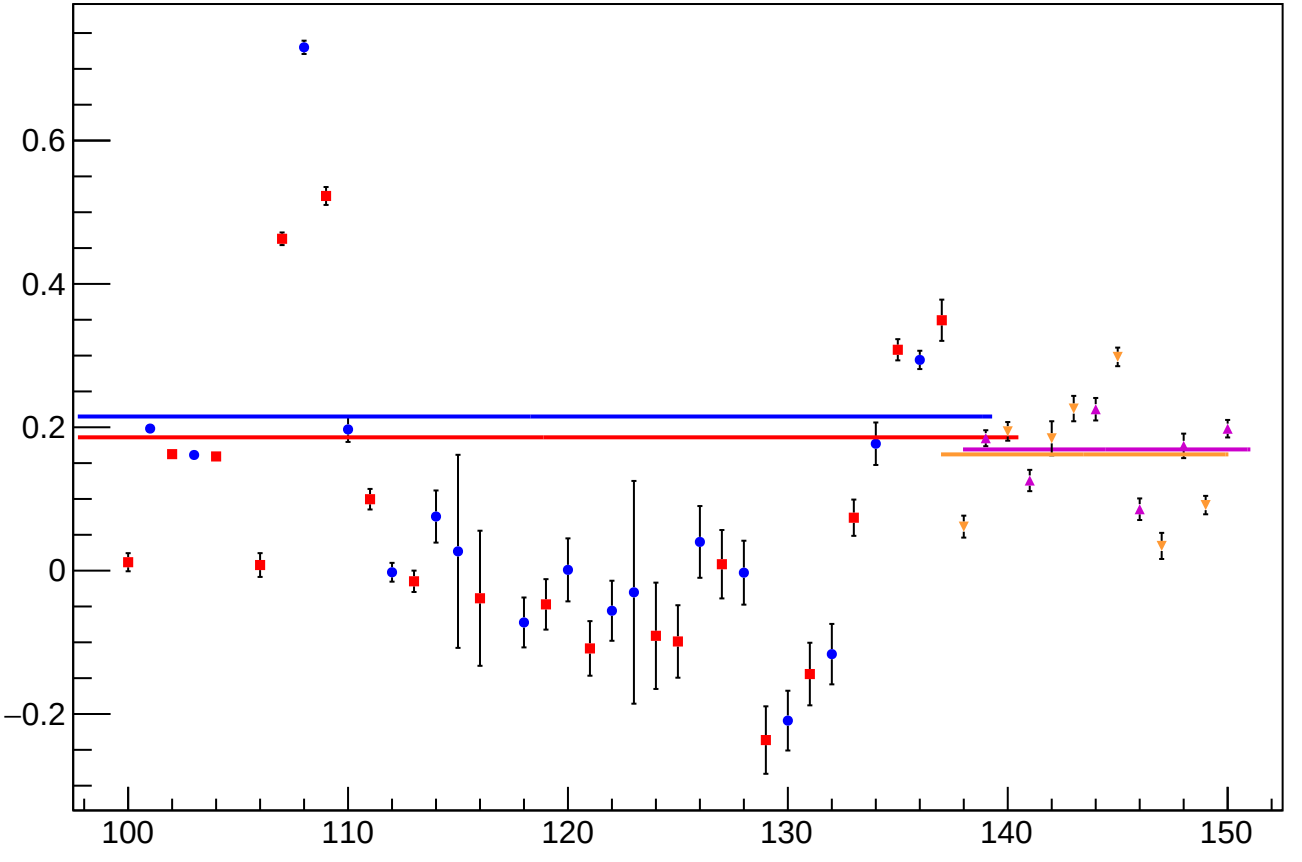
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 16.253+/-0.057 χ^2/NDF:226274.0/22

Out: 20.558+/-0.060 χ^2/NDF:208980.7/25

All: 18.296+/-0.041 χ^2/NDF: 437968.4/48

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.162+/-0.006 χ^2/NDF:252.9/6

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.169+/-0.006 χ^2/NDF:59.7/5

Left: 0.166+/-0.004 χ^2/NDF: 313.3/12

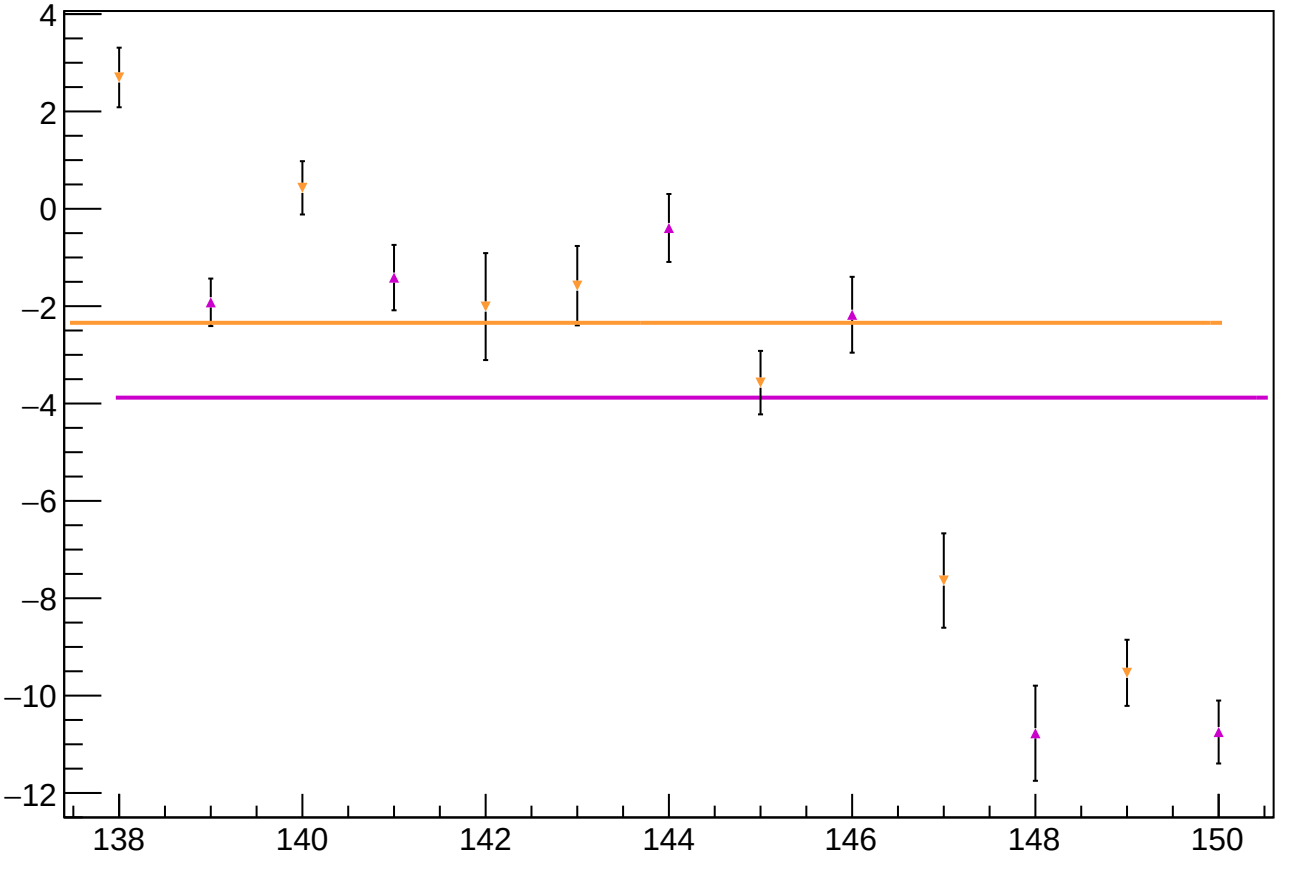
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.206+/-0.002 χ^2/NDF:4042.8/22

Out: 0.182+/-0.002 χ^2/NDF:2987.2/25

All: 0.194+/-0.002 χ^2/NDF: 7079.4/48

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: -2.342+/-0.268 χ^2/NDF:239.9/6

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

Left In: -3.879+/-0.272 χ^2/NDF:222.0/5

Left: -3.100+/-0.191 χ^2/NDF: 478.1/12

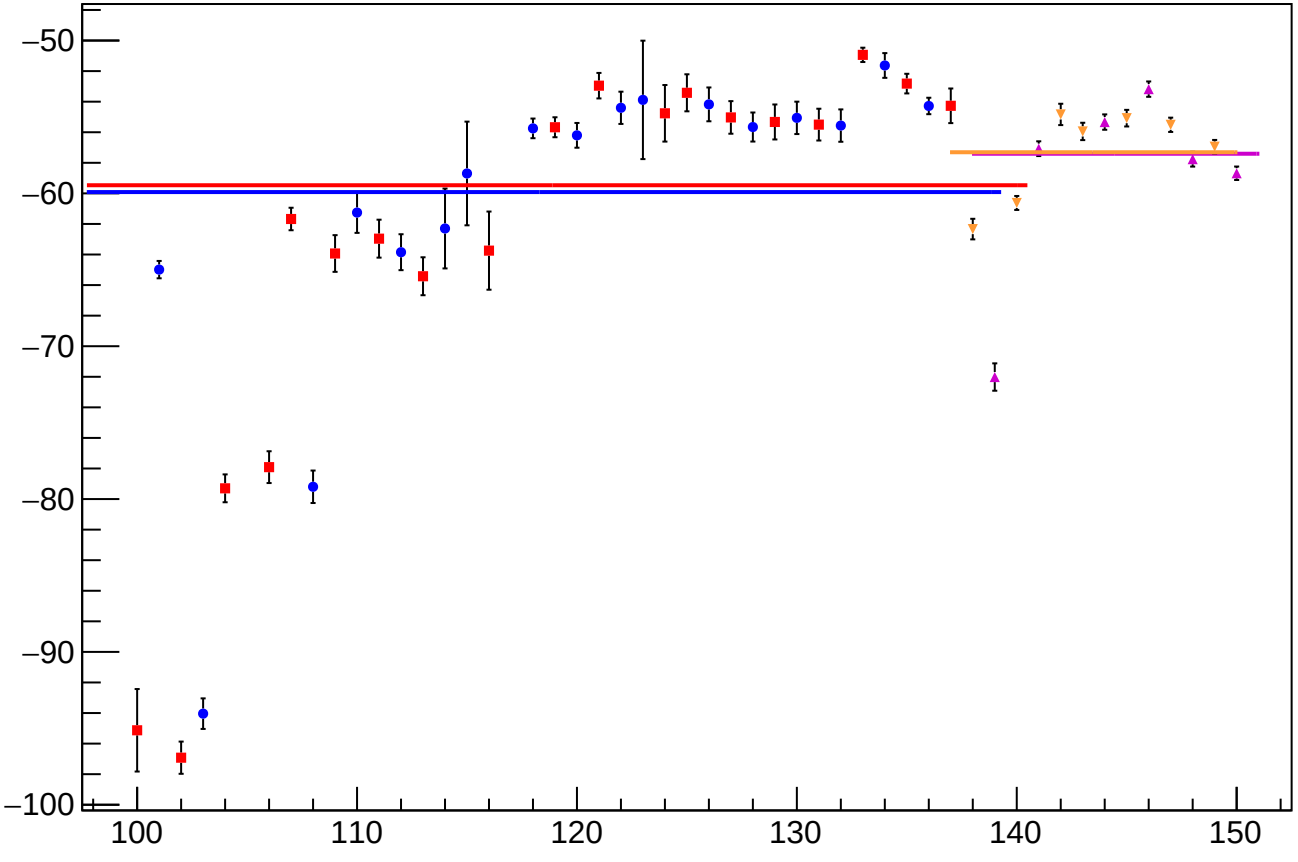
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.879+/-0.272 χ^2/NDF:222.0/5

Out: -2.342+/-0.268 χ^2/NDF:239.9/6

All: -3.100+/-0.191 χ^2/NDF: 478.1/12

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: -57.309+/-0.199 χ^2/NDF:159.0/6

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -57.407+/-0.209 χ^2/NDF:363.6/5

Left: -57.355+/-0.144 χ^2/NDF: 522.7/12

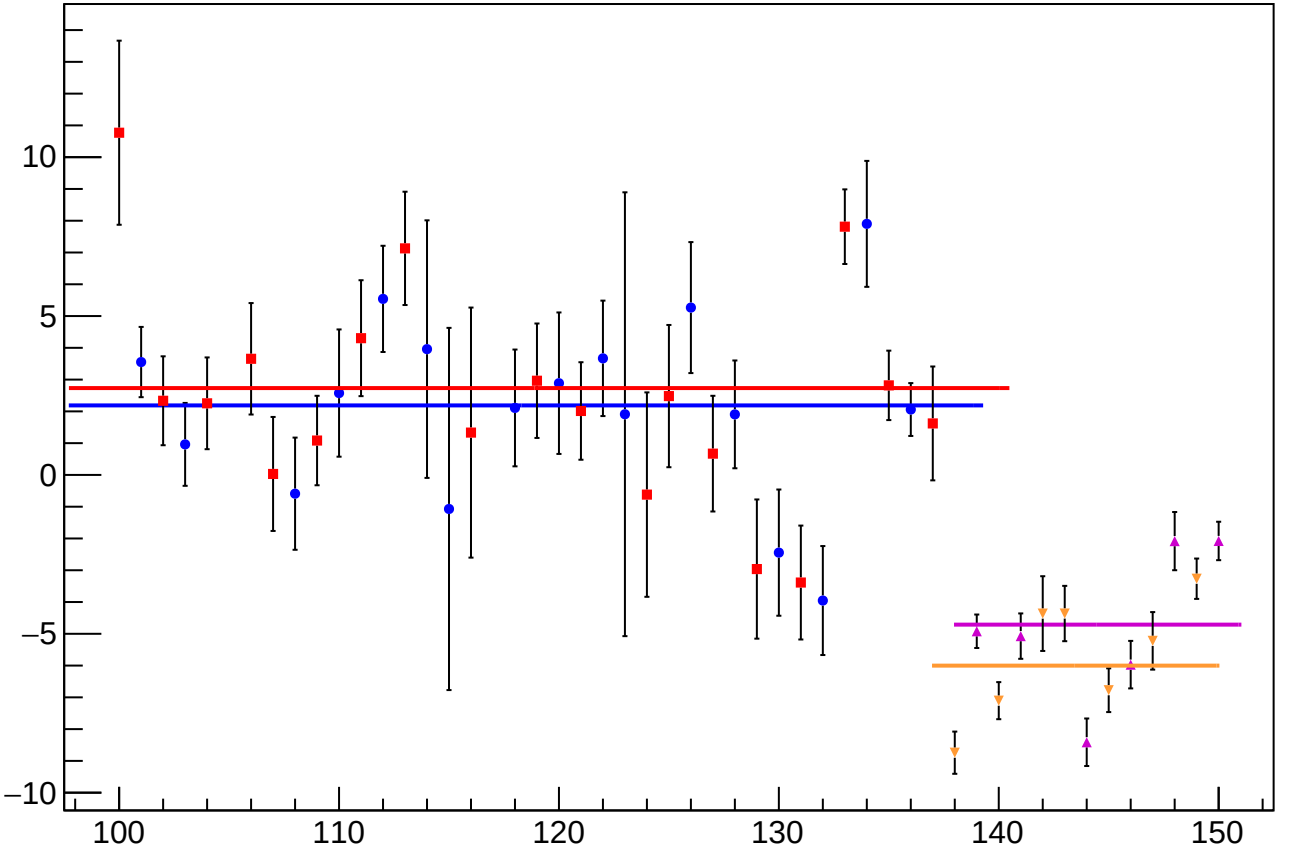
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -58.581+/-0.153 χ^2/NDF:2410.3/22

Out: -58.319+/-0.145 χ^2/NDF:3126.8/25

All: -58.443+/-0.105 χ^2/NDF: 5538.7/48

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.002+/-0.277 χ^2/NDF:46.6/6

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -4.712+/-0.277 χ^2/NDF:54.9/5

Left: -5.356+/-0.196 χ^2/NDF: 112.4/12

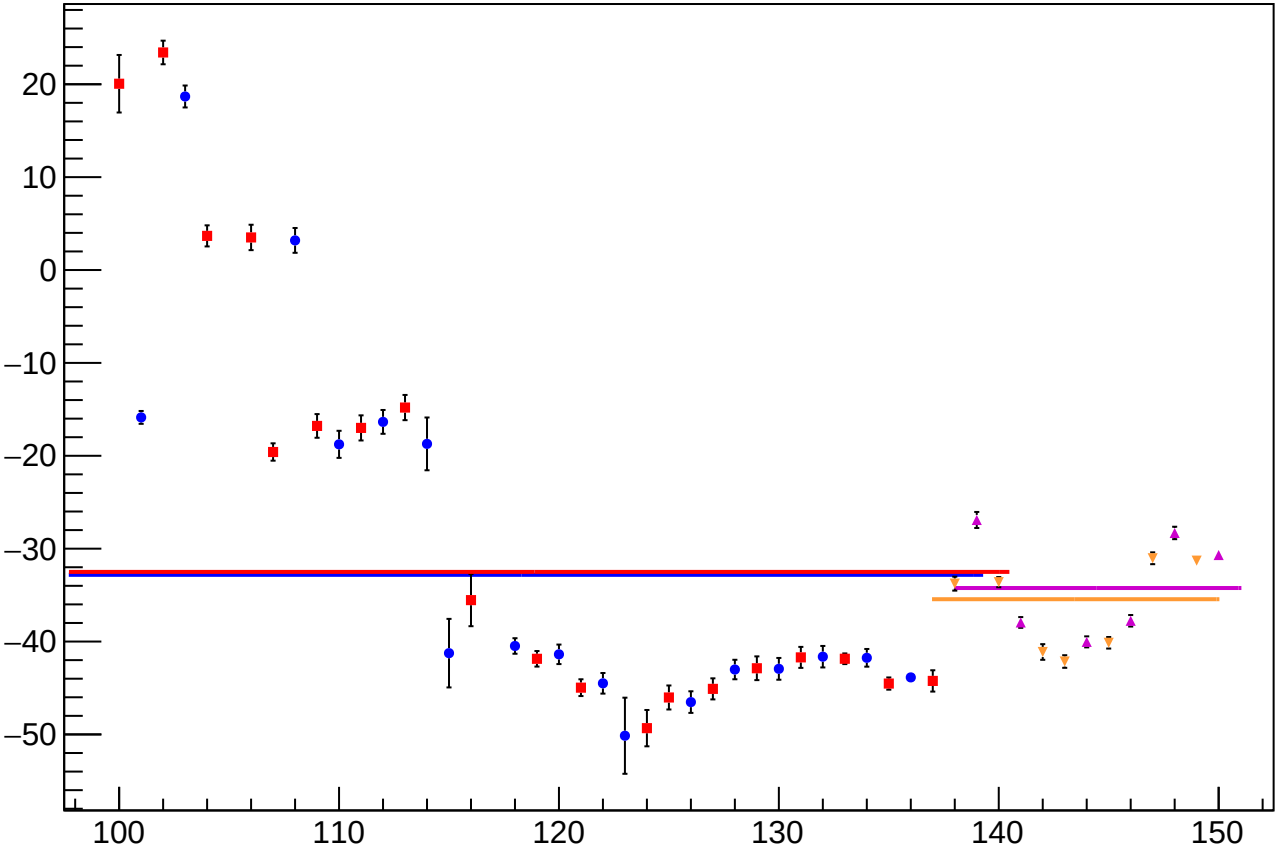
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -2.510+/-0.228 χ^2/NDF:292.5/22

Out: -3.052+/-0.225 χ^2/NDF:441.9/25

All: -2.785+/-0.160 χ^2/NDF: 737.3/48

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -35.442+/-0.241 χ^2/NDF:325.6/6

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -34.237+/-0.251 χ^2/NDF:368.0/5

Left: -34.865+/-0.174 χ^2/NDF: 705.7/12

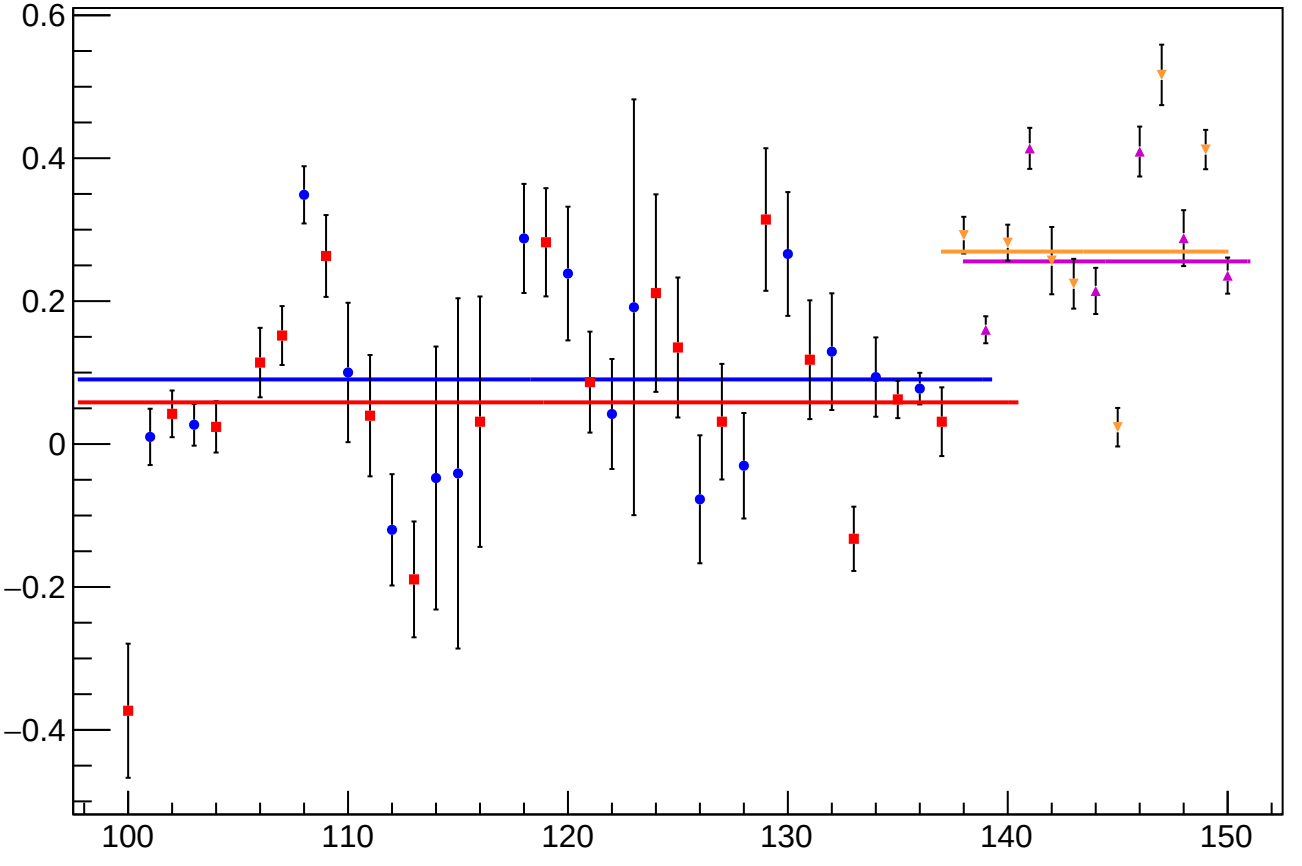
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -33.535+/-0.179 χ^2/NDF:5050.4/22

Out: -33.992+/-0.171 χ^2/NDF:6437.2/25

All: -33.773+/-0.124 χ^2/NDF: 11491.0/48

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.269+/-0.011 χ^2/NDF:146.9/6

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.256+/-0.011 χ^2/NDF:78.3/5

Left: 0.262+/-0.008 χ^2/NDF: 226.0/12

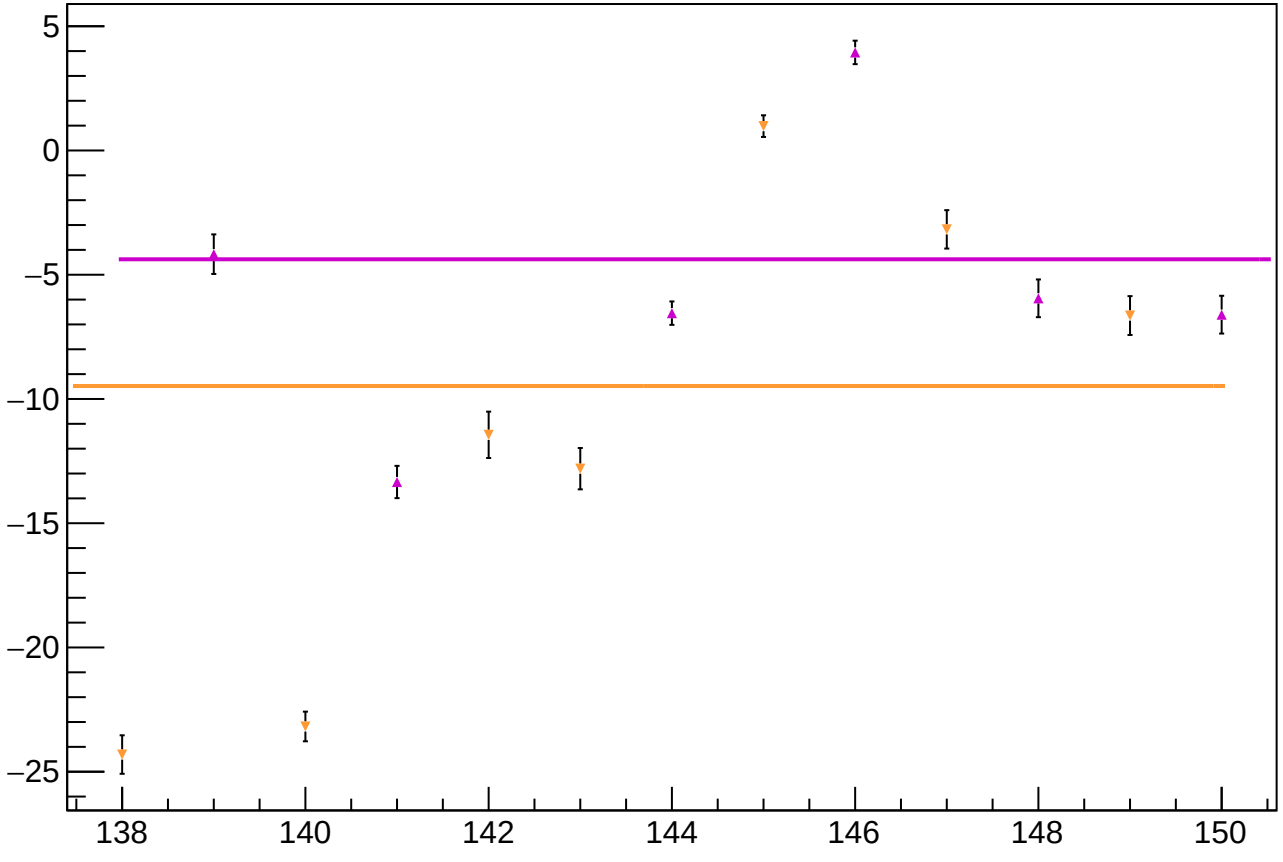
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.184+/-0.008 χ^2/NDF:252.7/22

Out: 0.170+/-0.008 χ^2/NDF:393.9/25

All: 0.177+/-0.006 χ^2/NDF: 648.0/48

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.479+/-0.253 χ^2/NDF:1569.3/6

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

Left In: -4.379+/-0.247 χ^2/NDF:535.0/5

Left: -6.869+/-0.177 χ^2/NDF: 2312.5/12

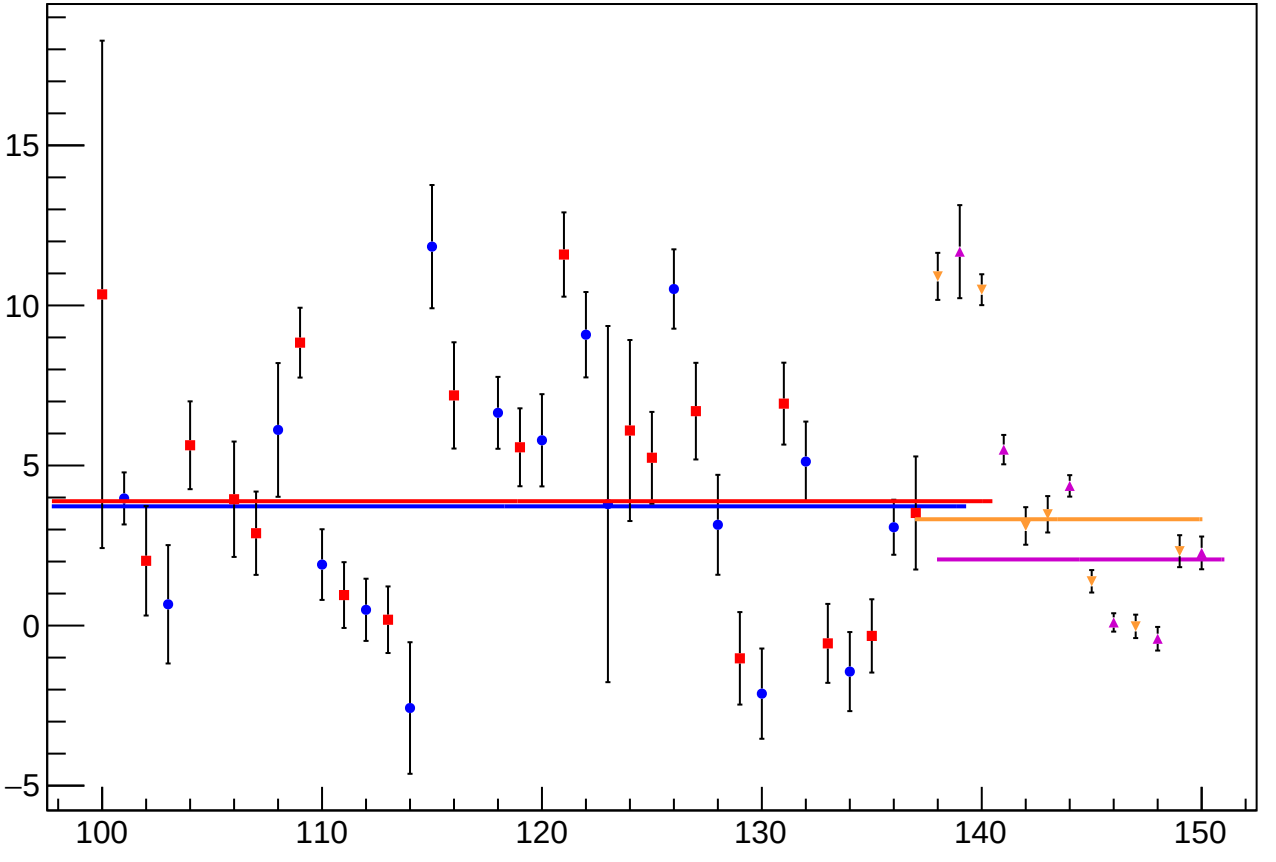
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.379+/-0.247 χ^2/NDF:535.0/5

Out: -9.479+/-0.253 χ^2/NDF:1569.3/6

All: -6.869+/-0.177 χ^2/NDF: 2312.5/12

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 3.321+/-0.177 χ^2/NDF:445.9/6

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 2.066+/-0.163 χ^2/NDF:238.8/5

Left: 2.642+/-0.120 χ^2/NDF: 711.7/12

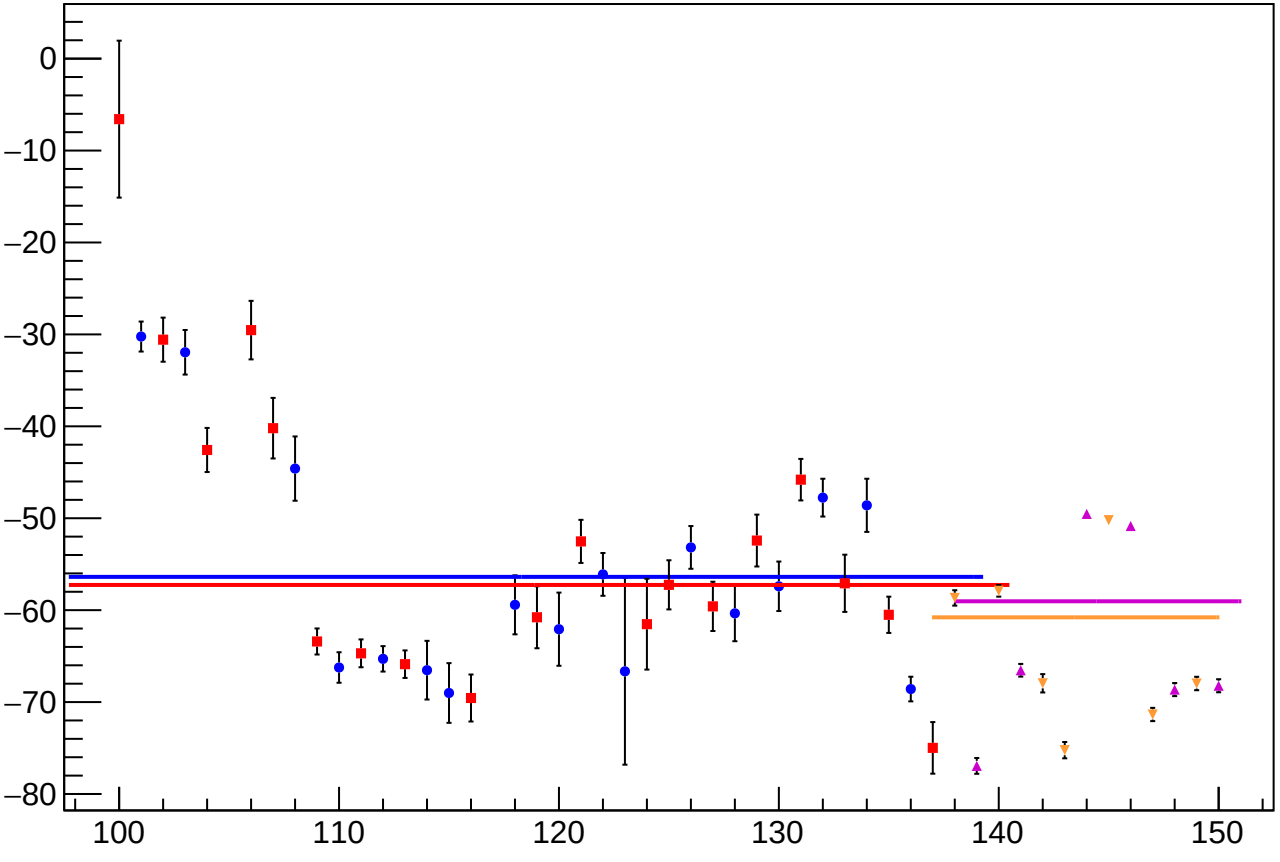
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 2.429+/-0.144 χ^2/NDF:398.1/22

Out: 3.456+/-0.155 χ^2/NDF:582.6/25

All: 2.907+/-0.106 χ^2/NDF: 1004.3/48

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -60.781+/-0.262 χ^2/NDF:1174.8/6

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -59.035+/-0.249 χ^2/NDF:1580.4/5

Left: -59.864+/-0.180 χ^2/NDF: 2778.6/12

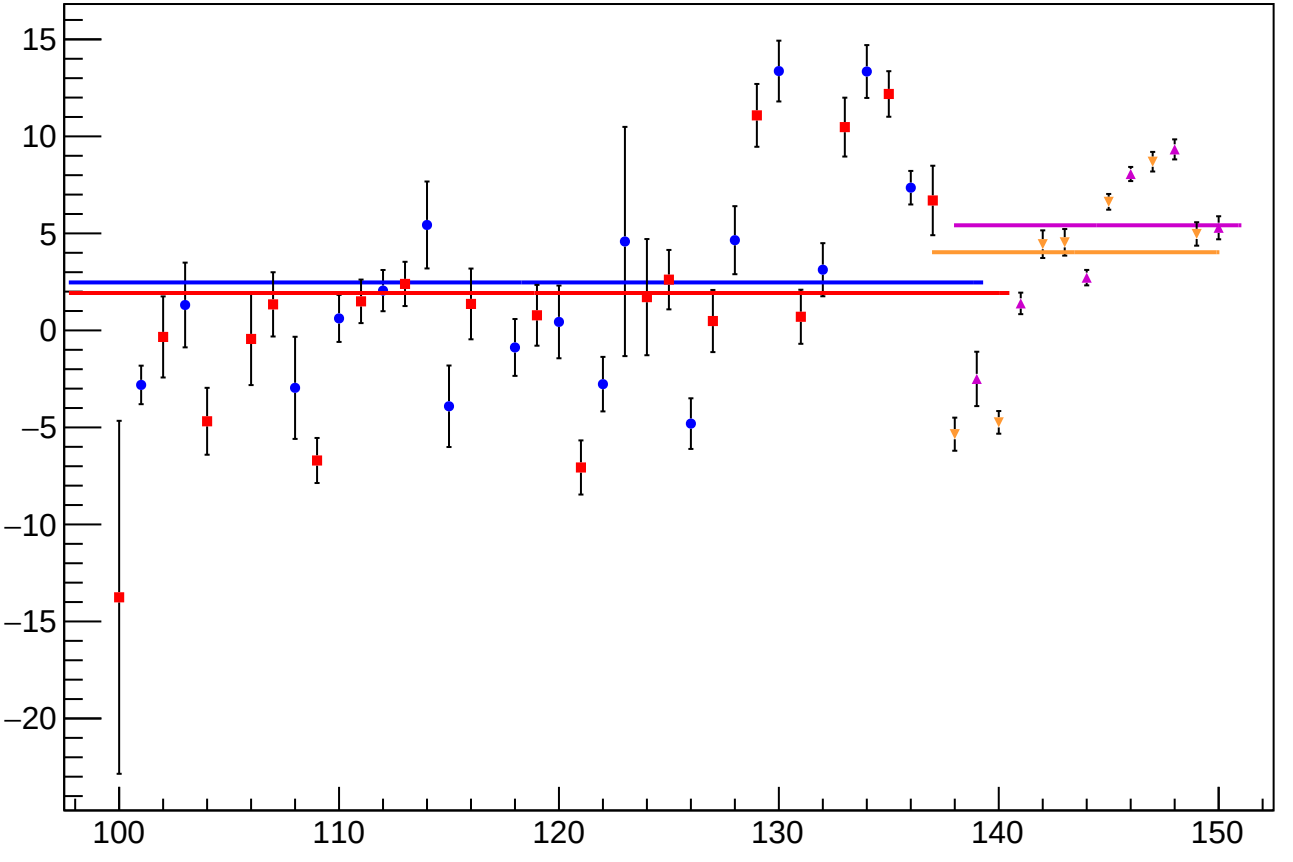
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -58.574+/-0.226 χ^2/NDF:2187.6/22

Out: -60.103+/-0.235 χ^2/NDF:1685.8/25

All: -59.308+/-0.163 χ^2/NDF: 3895.4/48

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: 4.029+/-0.217 χ^2/NDF:476.0/6

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 5.418+/-0.203 χ^2/NDF:240.6/5

Left: 4.770+/-0.149 χ^2/NDF: 738.3/12

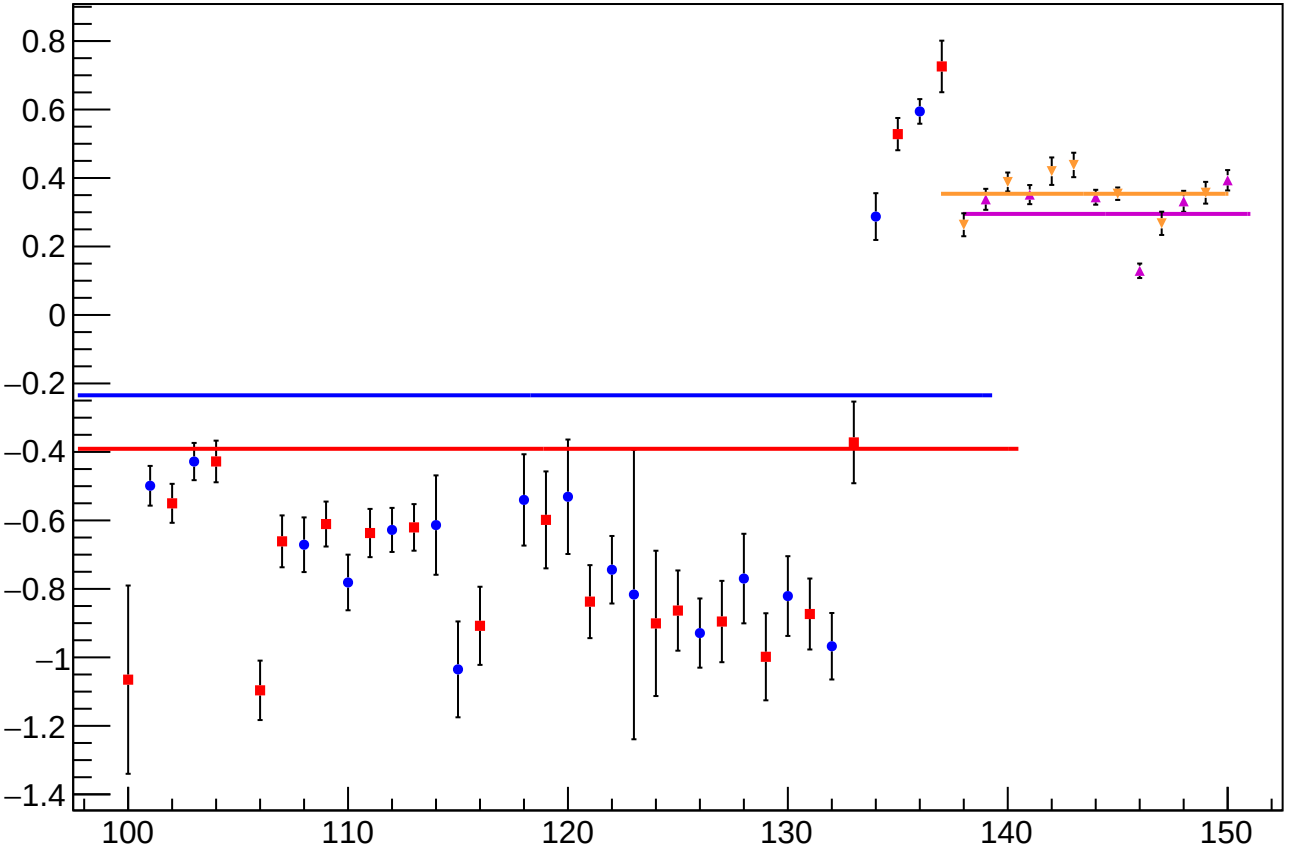
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 4.660+/-0.175 χ^2/NDF:538.2/22

Out: 3.456+/-0.185 χ^2/NDF:768.1/25

All: 4.092+/-0.127 χ^2/NDF: 1328.5/48

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: 0.354+/-0.011 χ^2/NDF:23.6/6

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.295+/-0.011 χ^2/NDF:84.9/5

Left: 0.324+/-0.008 χ^2/NDF: 123.5/12

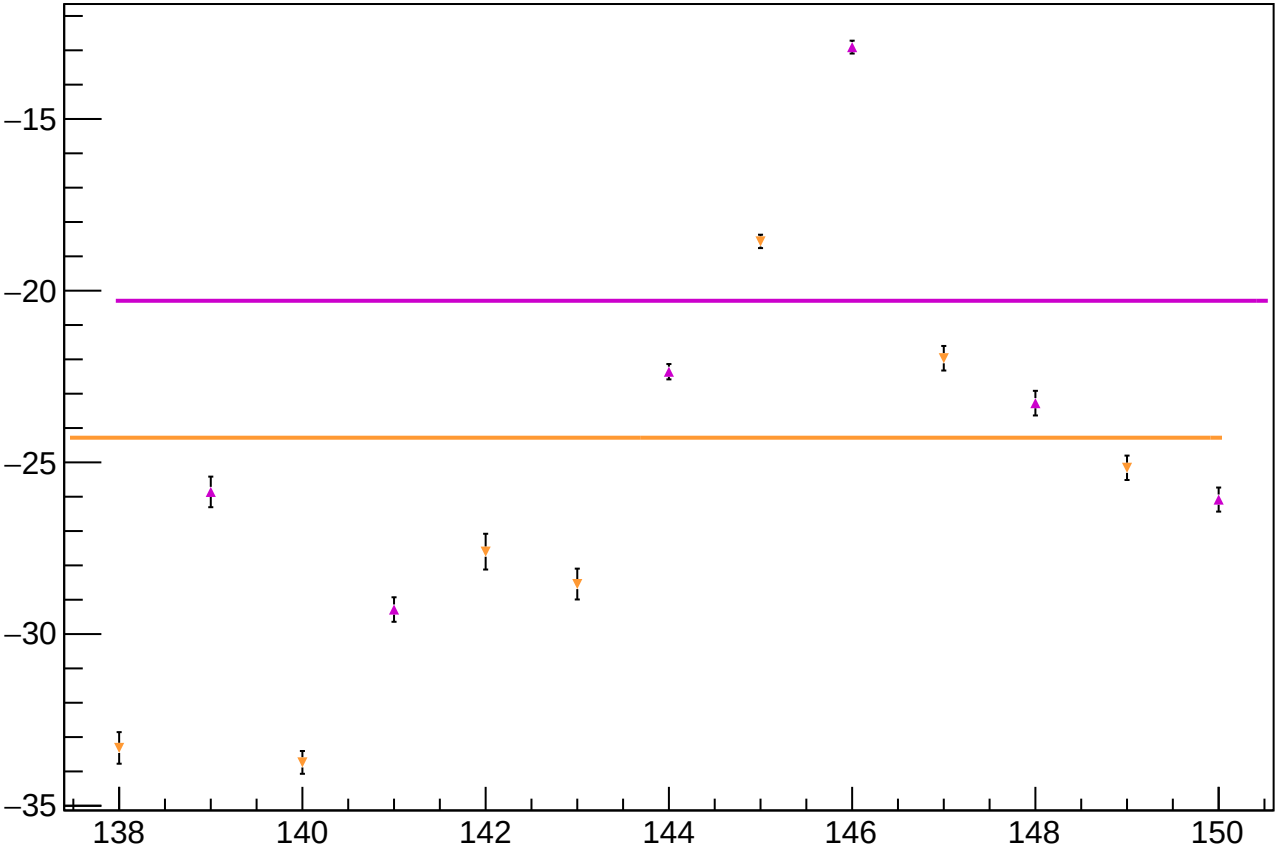
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.168+/-0.009 χ^2/NDF:1642.1/22

Out: 0.170+/-0.009 χ^2/NDF:2039.0/25

All: 0.169+/-0.007 χ^2/NDF: 3681.2/48

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: -24.282+/-0.124 χ^2/NDF:2236.7/6

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

Left In: -20.294+/-0.114 χ^2/NDF:2772.1/5

Left: -22.108+/-0.084 χ^2/NDF: 5568.2/12

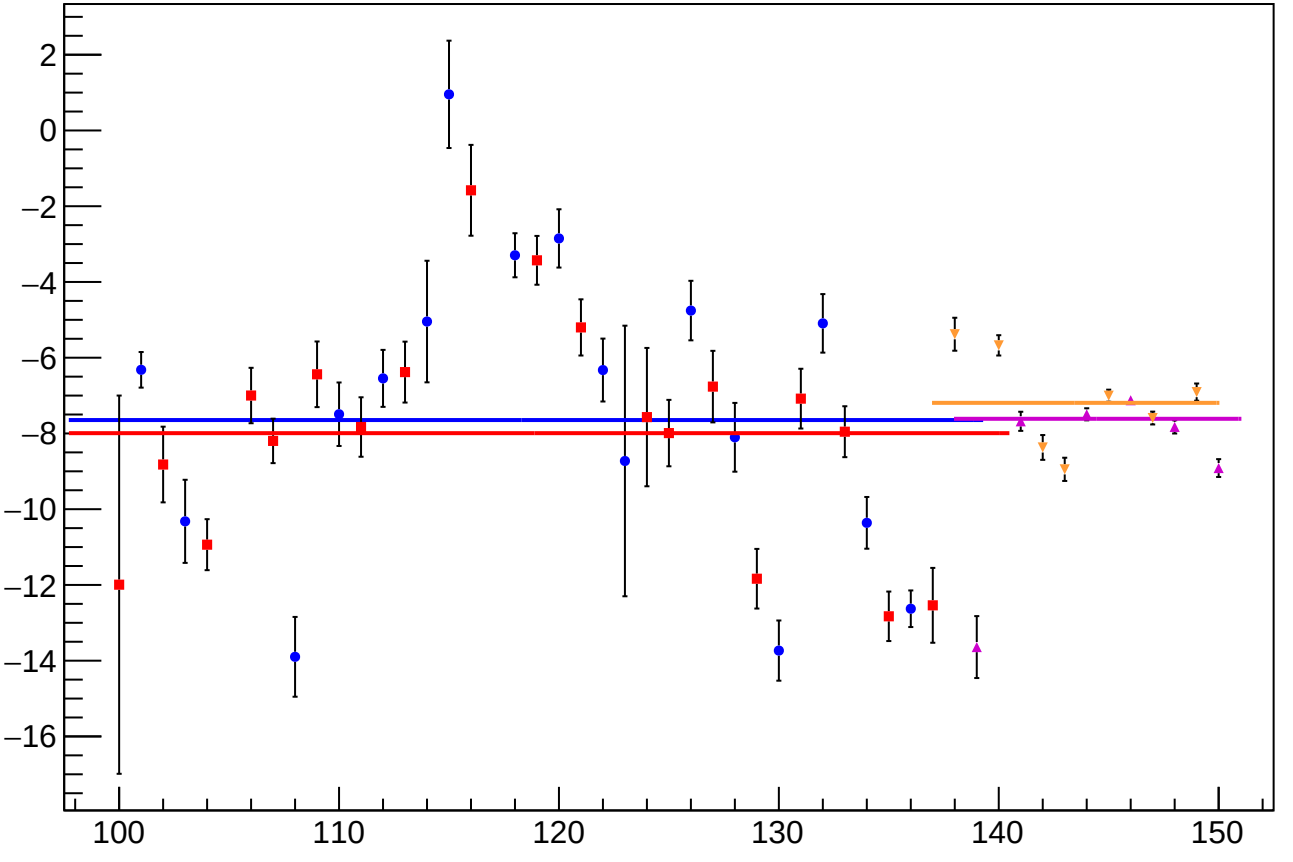
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.294+/-0.114 χ^2/NDF:2772.1/5

Out: -24.282+/-0.124 χ^2/NDF:2236.7/6

All: -22.108+/-0.084 χ^2/NDF: 5568.2/12

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: -7.192+/-0.087 χ^2/NDF:103.7/6

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.613+/-0.074 χ^2/NDF:104.6/5

Left: -7.435+/-0.056 χ^2/NDF: 221.8/12

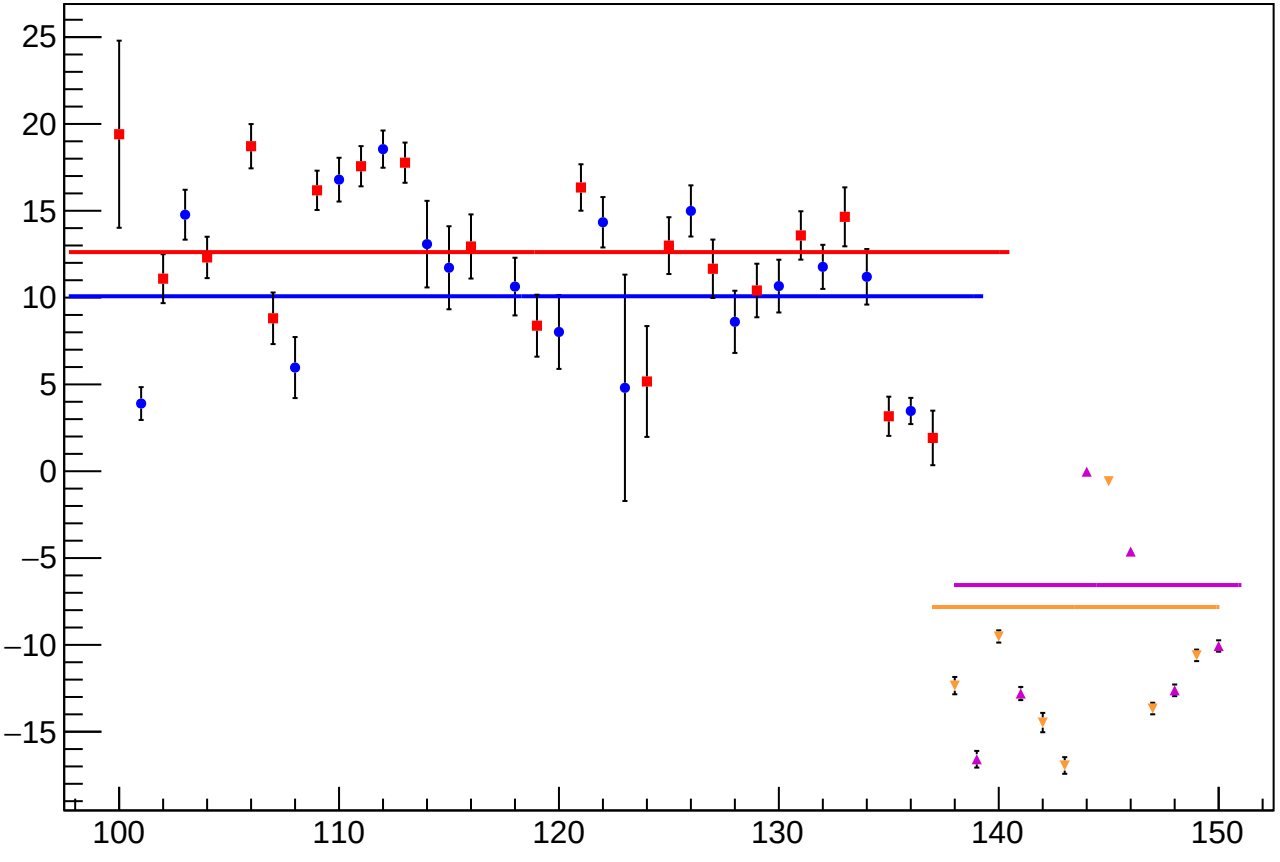
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.618+/-0.069 χ^2/NDF:498.2/22

Out: -7.335+/-0.079 χ^2/NDF:344.4/25

All: -7.495+/-0.052 χ^2/NDF: 849.9/48

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: -7.819+/-0.128 χ^2/NDF:2223.4/6

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -6.554+/-0.113 χ^2/NDF:2003.6/5

Left: -7.111+/-0.085 χ^2/NDF: 4281.8/12

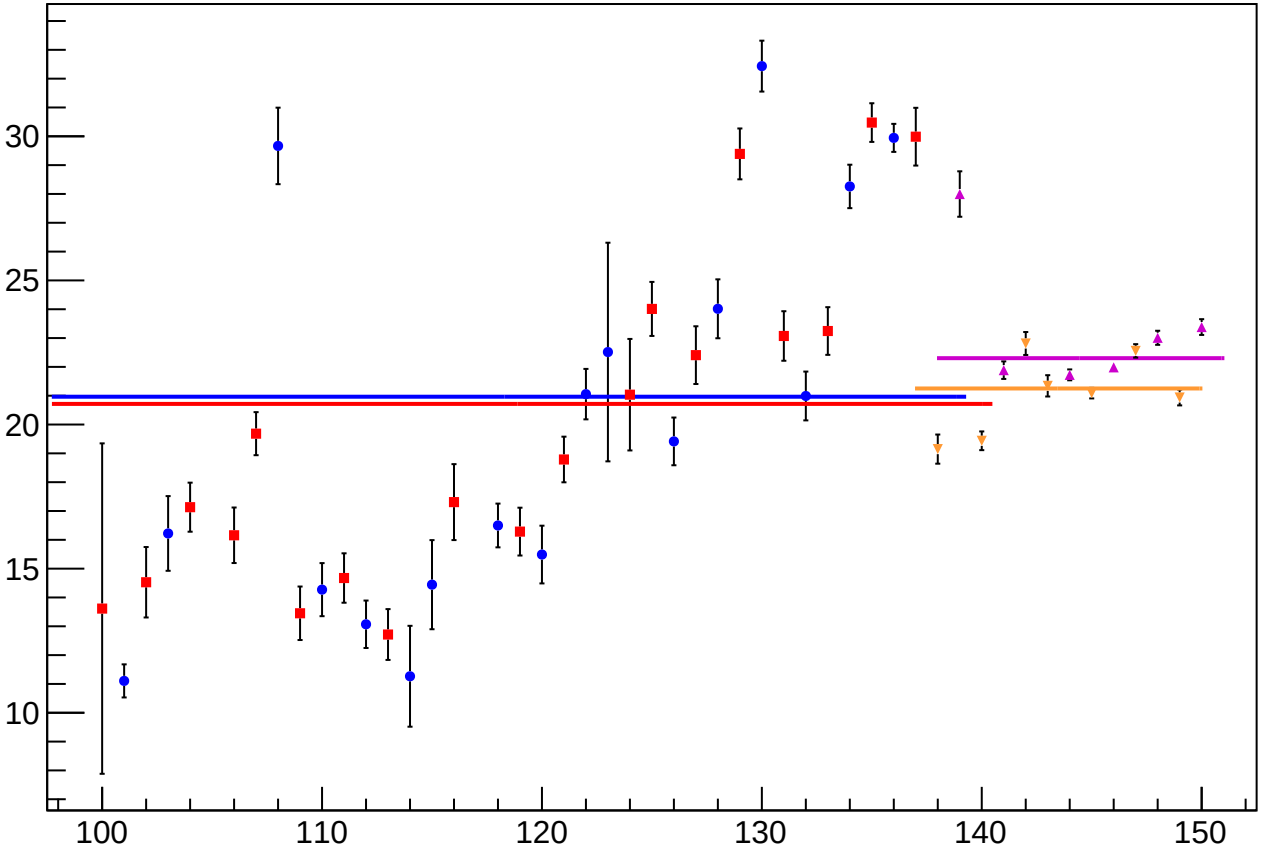
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -4.858+/-0.108 χ^2/NDF:4446.4/22

Out: -5.186+/-0.119 χ^2/NDF:5736.5/25

All: -5.005+/-0.080 χ^2/NDF: 10187.1/48

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.251+/-0.106 χ^2/NDF:97.2/6

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 22.302+/-0.093 χ^2/NDF:92.1/5

Left: 21.850+/-0.070 χ^2/NDF: 244.8/12

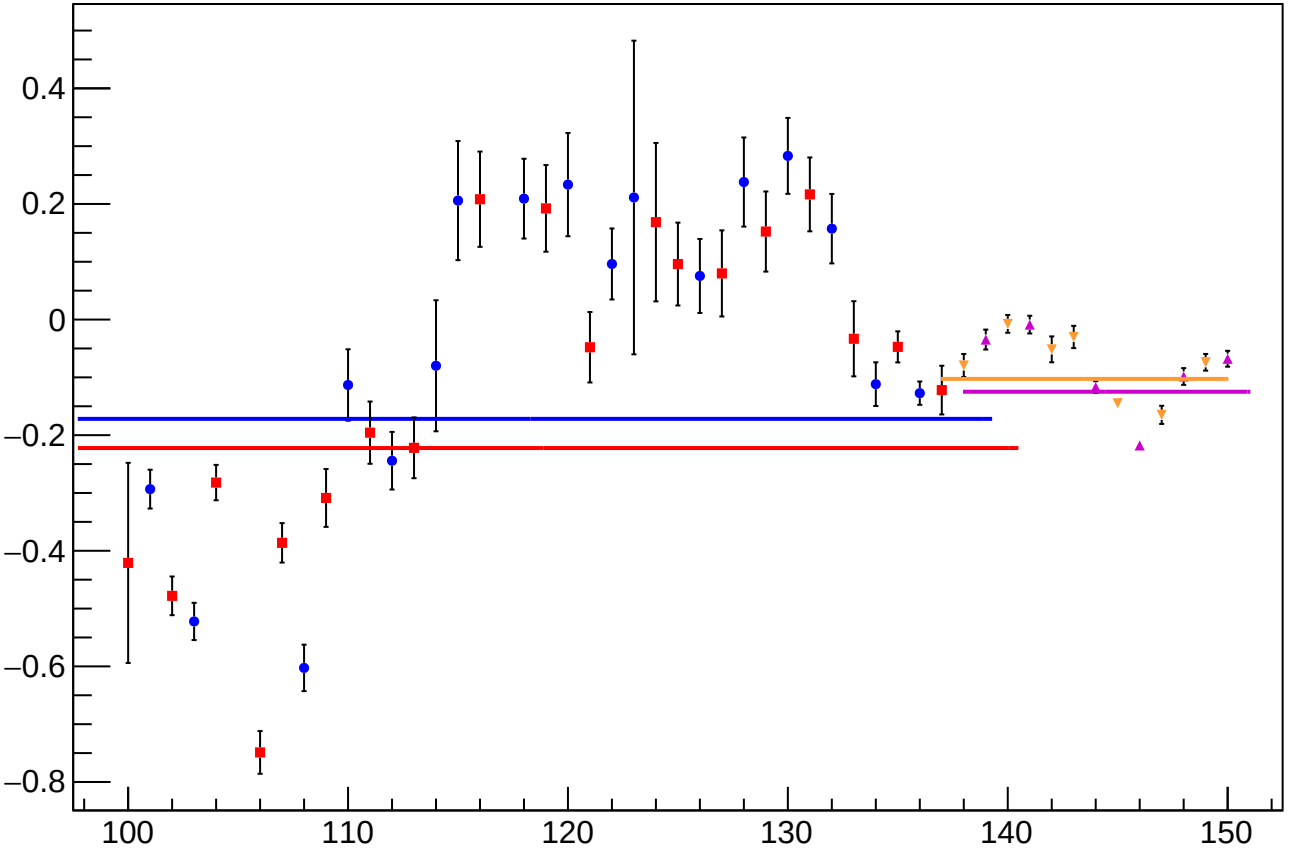
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 22.084+/-0.085 χ^2/NDF:1351.6/22

Out: 21.144+/-0.095 χ^2/NDF:832.1/25

All: 21.669+/-0.063 χ^2/NDF: 2238.3/48

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: -0.103+/-0.005 χ^2/NDF:105.7/6

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.125+/-0.005 χ^2/NDF:226.9/5

Left: -0.115+/-0.004 χ^2/NDF: 342.0/12

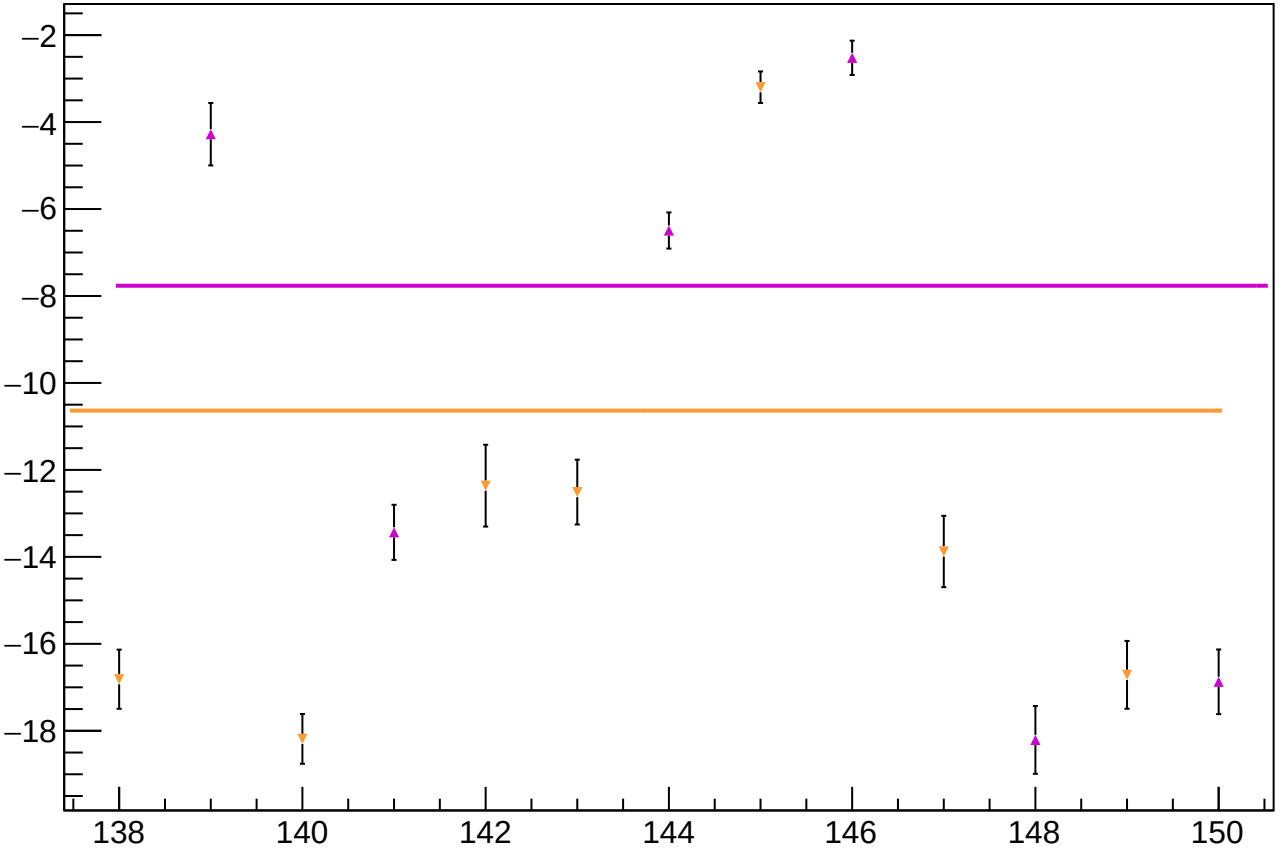
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.132+/-0.005 χ^2/NDF:705.8/22

Out: -0.125+/-0.005 χ^2/NDF:738.6/25

All: -0.129+/-0.003 χ^2/NDF: 1445.6/48

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: -10.636+/-0.230 χ^2/NDF:763.3/6

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

Left In: -7.764+/-0.223 χ^2/NDF:619.2/5

Left: -9.156+/-0.160 χ^2/NDF: 1462.8/12

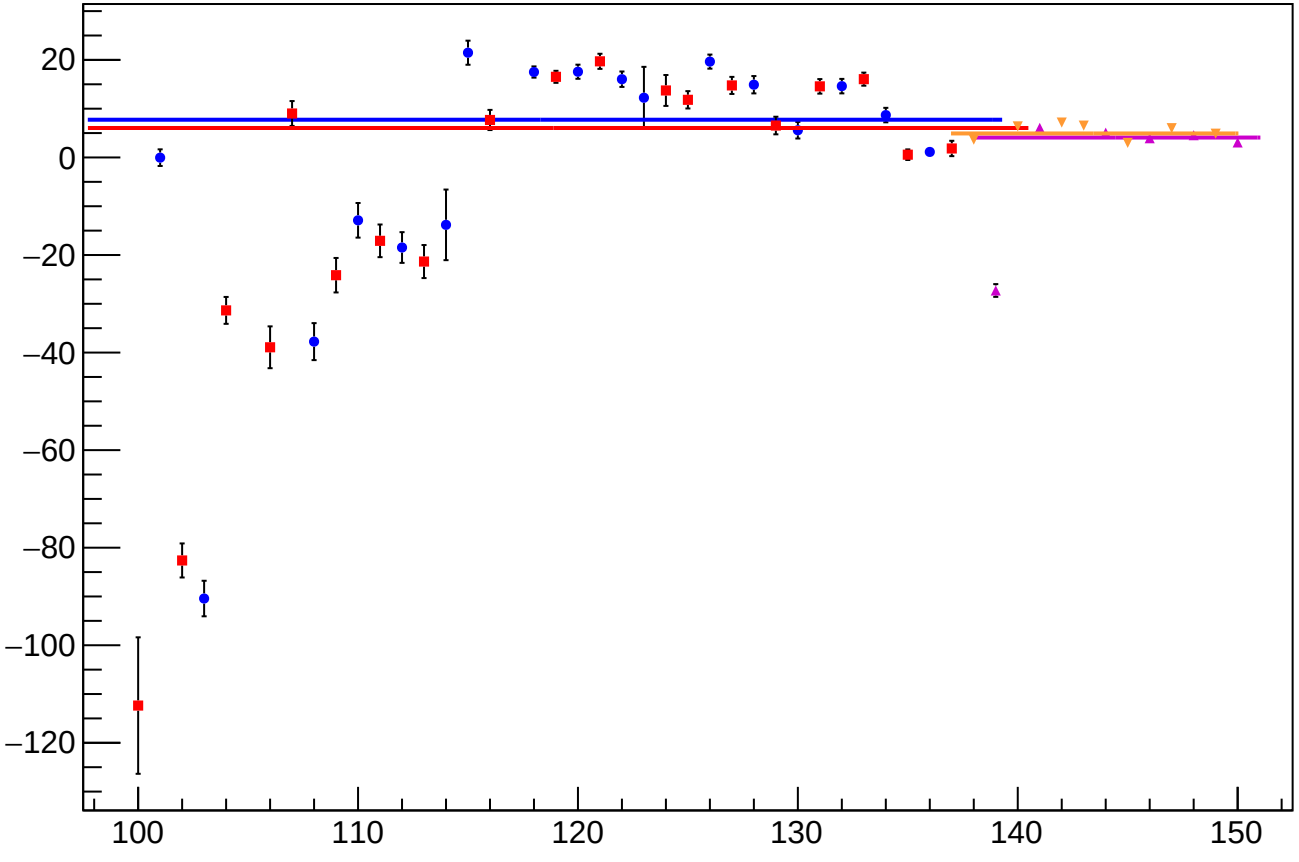
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.764+/-0.223 χ^2/NDF:619.2/5

Out: -10.636+/-0.230 χ^2/NDF:763.3/6

All: -9.156+/-0.160 χ^2/NDF: 1462.8/12

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 4.921+/-0.166 χ^2/NDF:90.5/6

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.081+/-0.151 χ^2/NDF:612.3/5

Left: 4.463+/-0.112 χ^2/NDF: 716.8/12

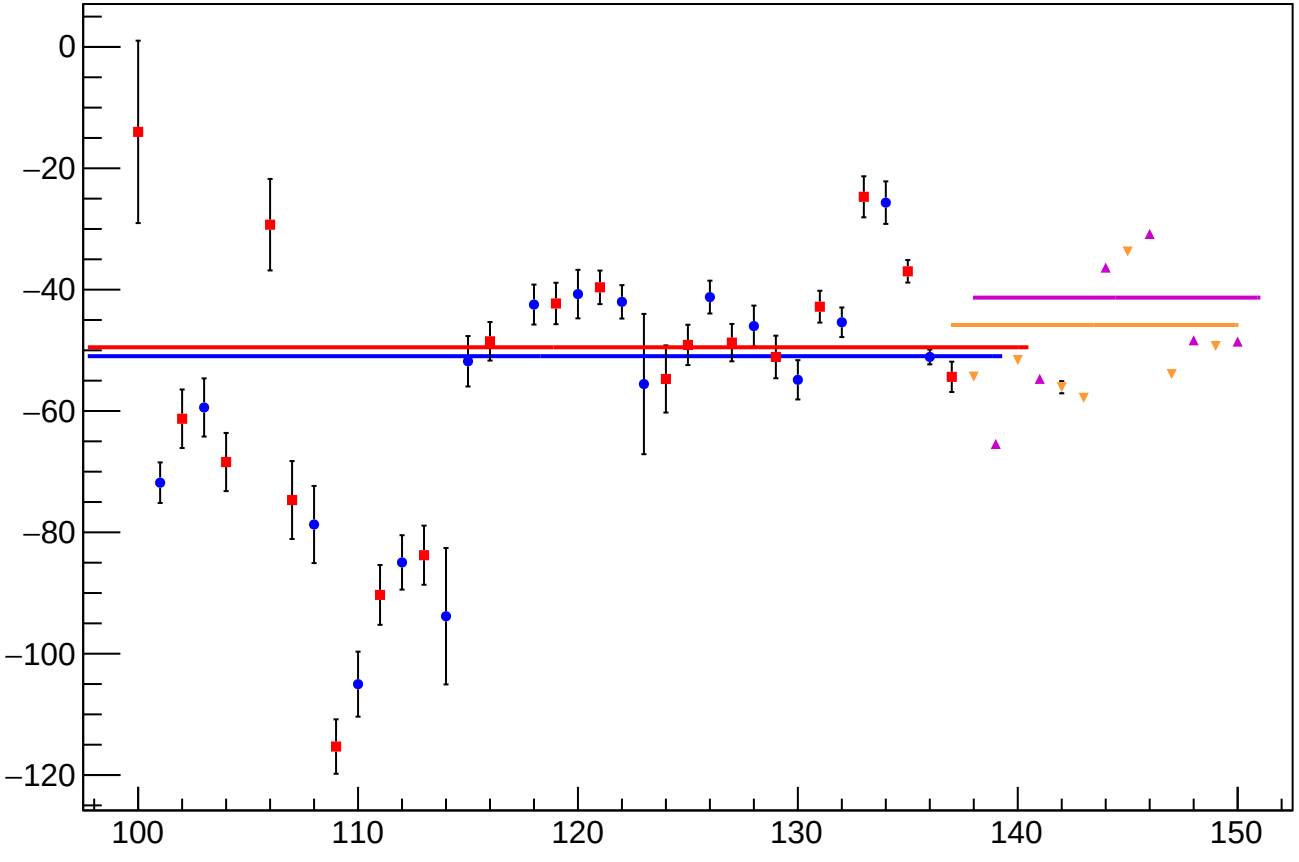
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 4.534+/-0.142 χ^2/NDF:2042.9/22

Out: 5.064+/-0.155 χ^2/NDF:1608.4/25

All: 4.775+/-0.105 χ^2/NDF: 3657.7/48

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: -45.827+/-0.240 χ^2/NDF:1665.2/6

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -41.315+/-0.225 χ^2/NDF:2447.0/5

Left: -43.424+/-0.164 χ^2/NDF: 4300.2/12

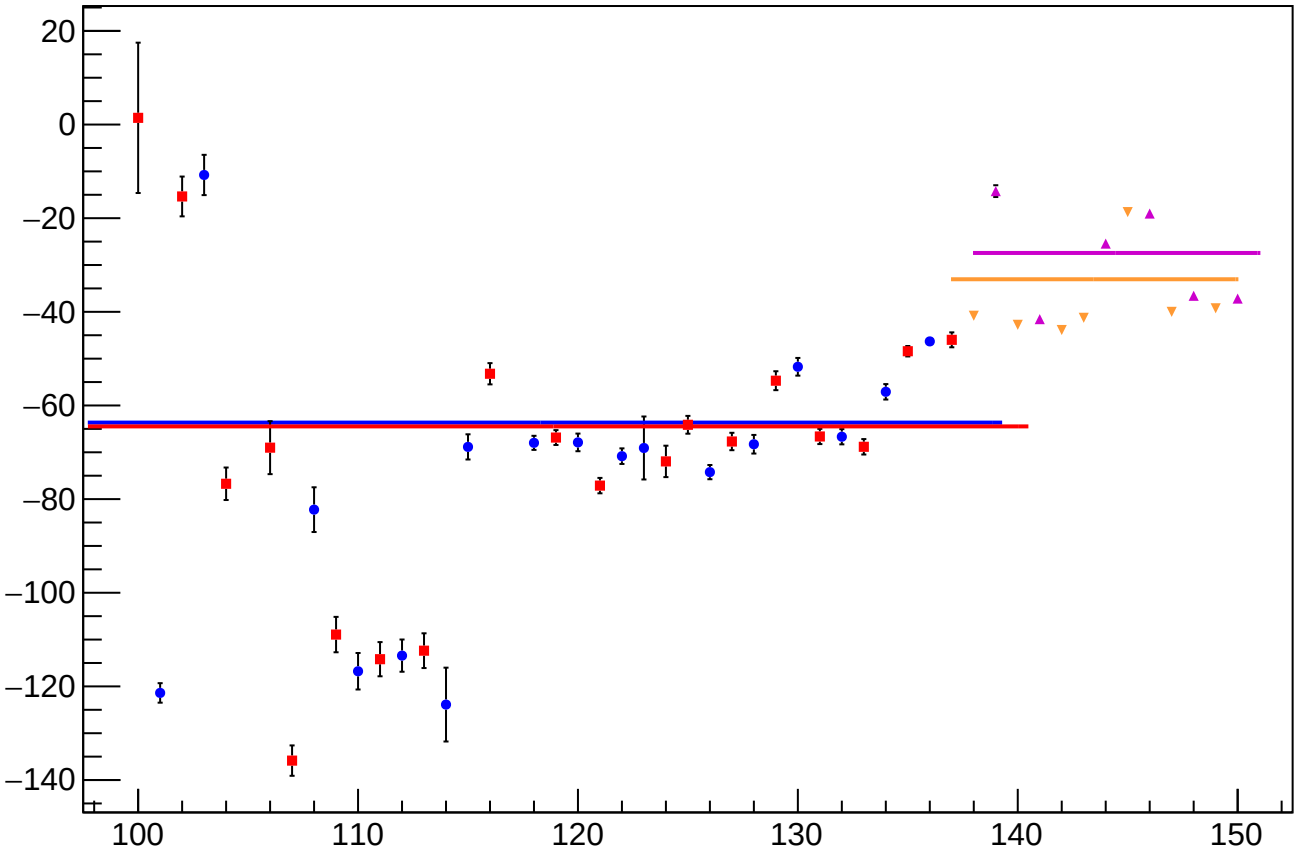
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -42.136+/-0.215 χ^2/NDF:2936.2/22

Out: -46.132+/-0.230 χ^2/NDF:2195.0/25

All: -44.002+/-0.157 χ^2/NDF: 5292.3/48

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: -33.042+/-0.201 χ^2/NDF:2932.4/6

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -27.425+/-0.187 χ^2/NDF:2116.0/5

Left: -30.023+/-0.137 χ^2/NDF: 5467.5/12

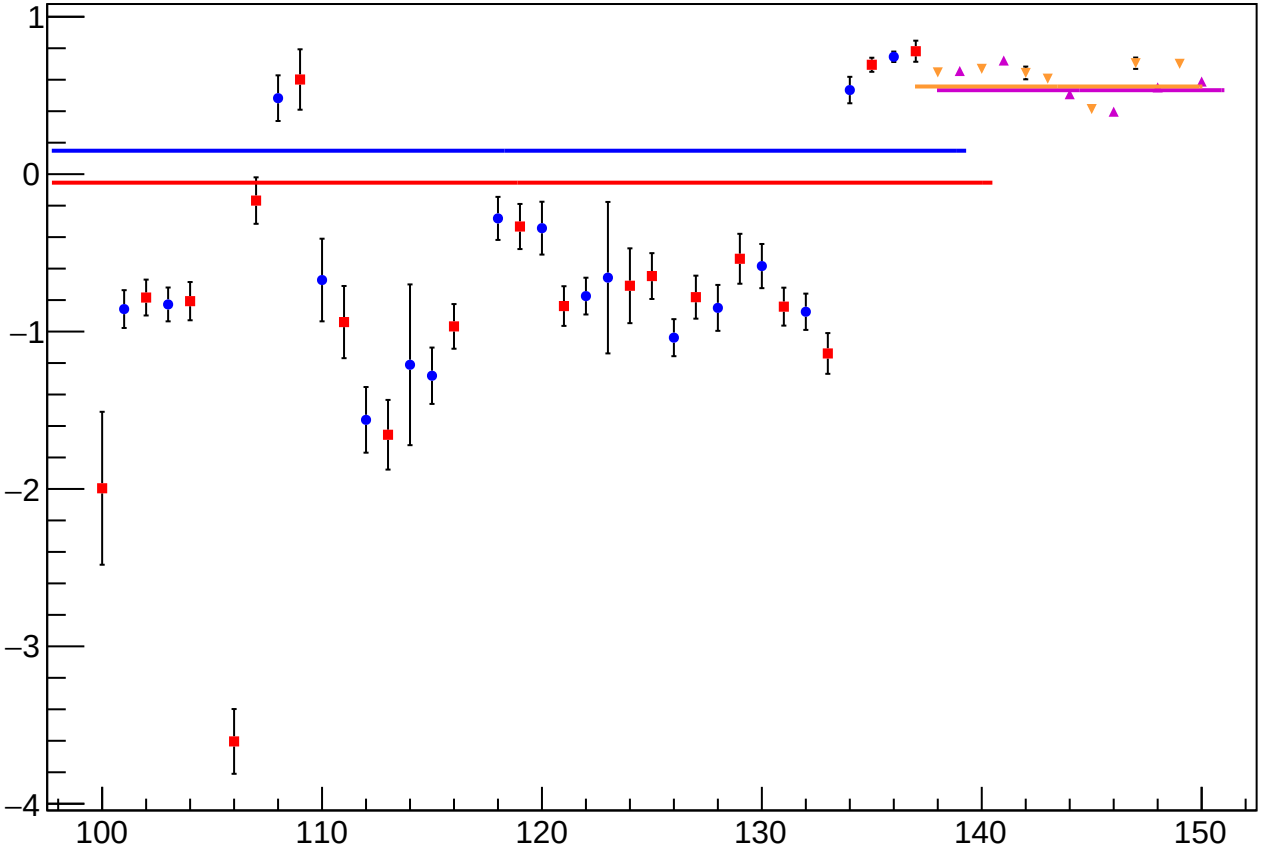
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -32.836+/-0.172 χ^2/NDF:9760.3/22

Out: -37.696+/-0.186 χ^2/NDF:8153.6/25

All: -35.082+/-0.126 χ^2/NDF: 18282.3/48

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: 0.557+/-0.010 χ^2/NDF:160.6/6

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.534+/-0.010 χ^2/NDF:131.5/5

Left: 0.545+/-0.007 χ^2/NDF: 294.9/12

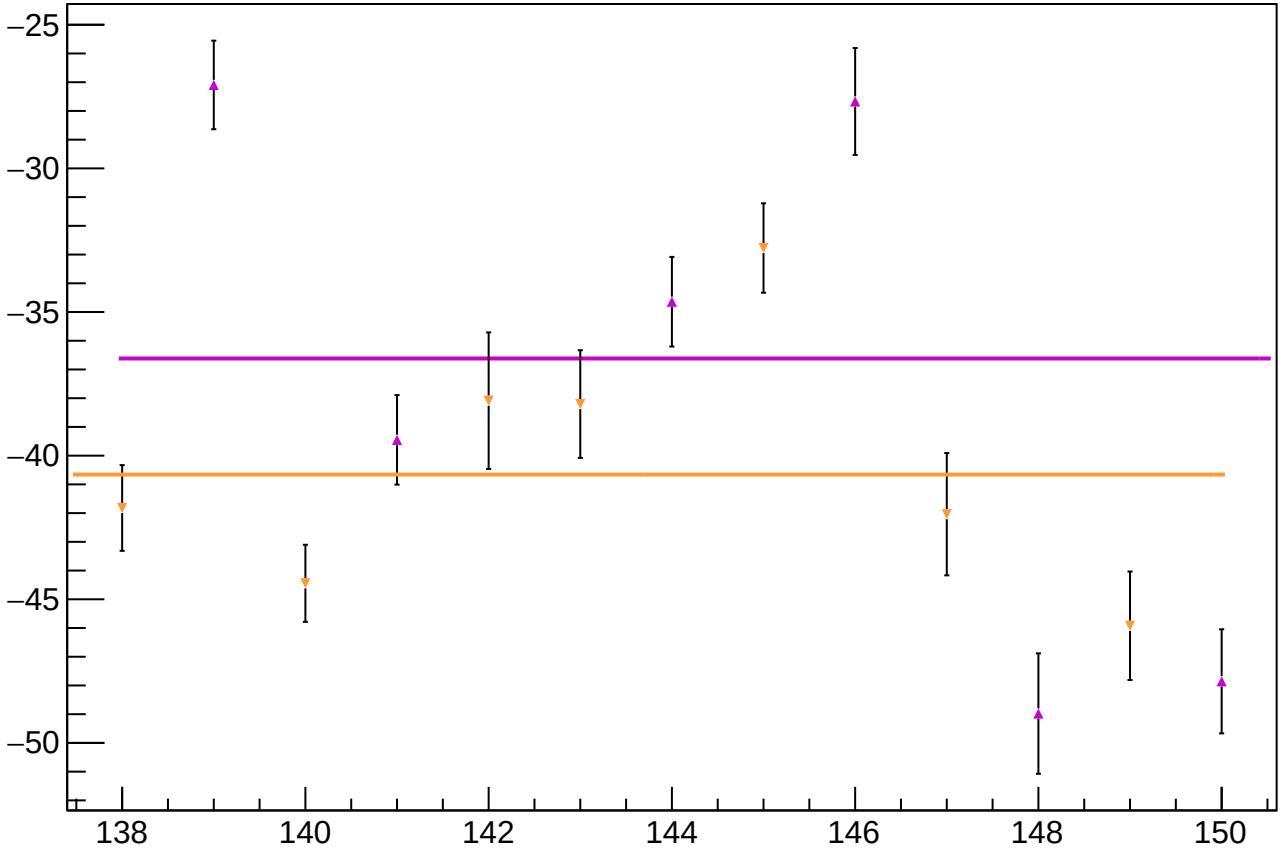
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.480+/-0.009 χ^2/NDF:1342.8/22

Out: 0.481+/-0.009 χ^2/NDF:1804.7/25

All: 0.480+/-0.006 χ^2/NDF: 3147.5/48

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: -40.658+/-0.648 χ^2/NDF:45.3/6

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

Left In: -36.617+/-0.696 χ^2/NDF:139.4/5

Left: -38.781+/-0.474 χ^2/NDF: 202.8/12

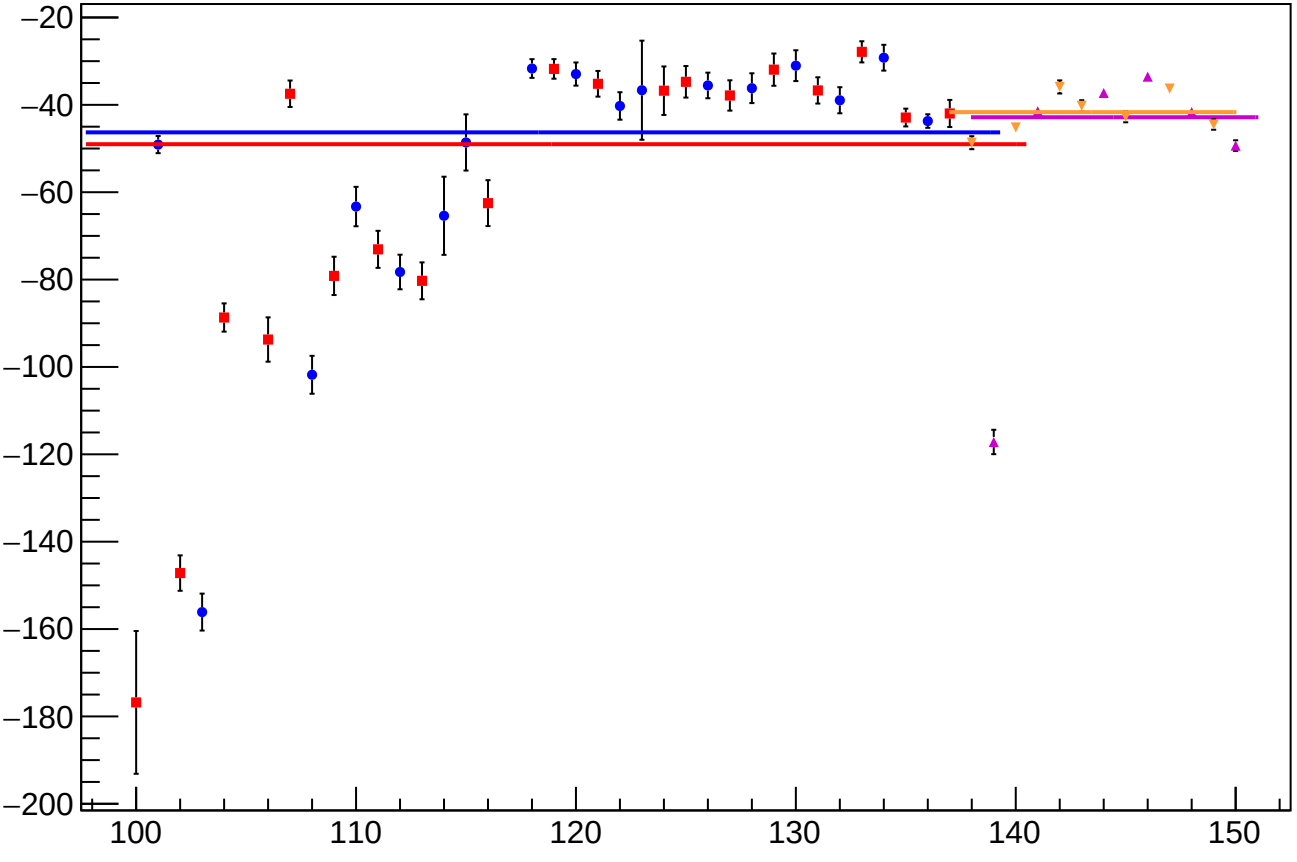
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.617+/-0.696 χ^2/NDF:139.4/5

Out: -40.658+/-0.648 χ^2/NDF:45.3/6

All: -38.781+/-0.474 χ^2/NDF: 202.8/12

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -41.667+/-0.466 χ^2/NDF:82.7/6

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -42.837+/-0.492 χ^2/NDF:831.5/5

Left: -42.220+/-0.338 χ^2/NDF: 917.2/12

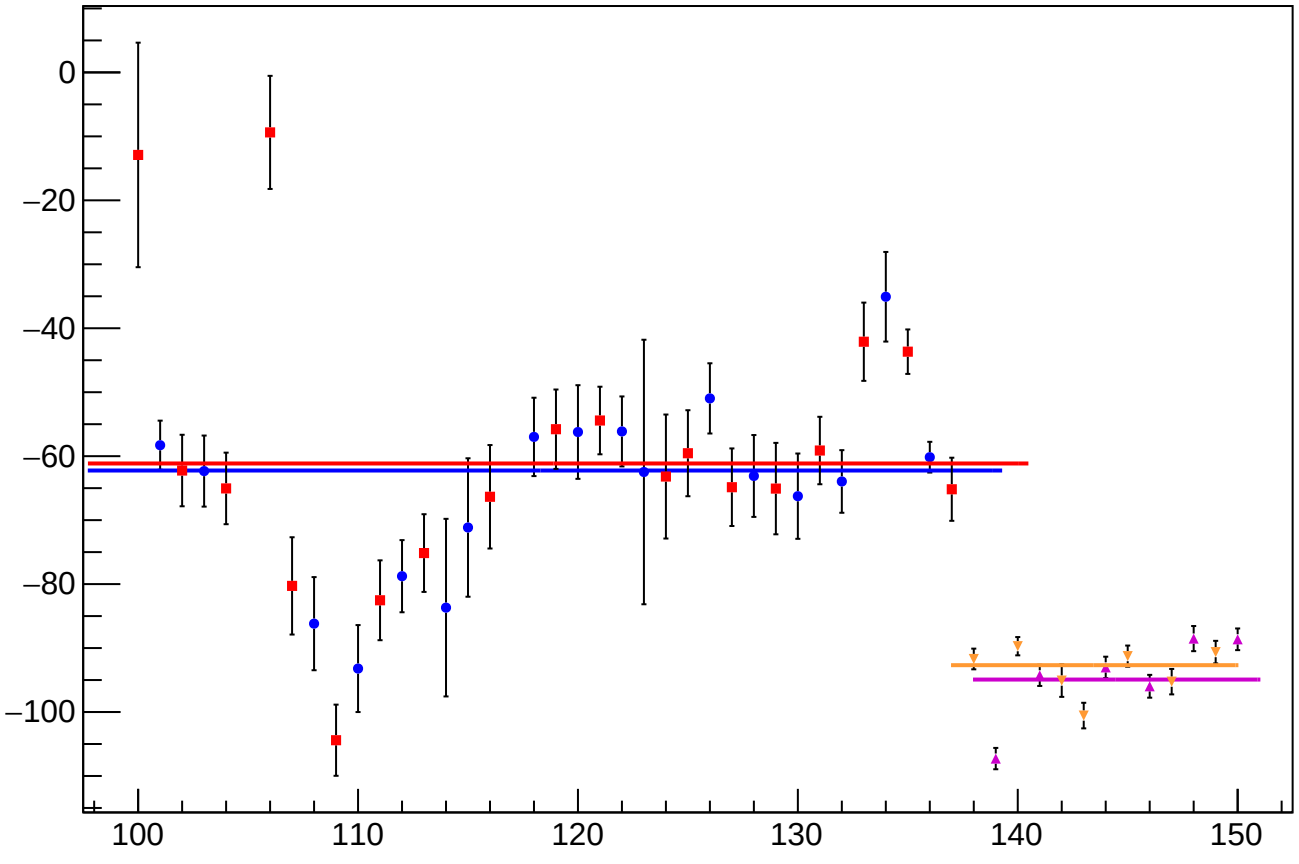
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -43.933+/-0.407 χ^2/NDF:1931.2/22

Out: -43.658+/-0.398 χ^2/NDF:1421.7/25

All: -43.792+/-0.284 χ^2/NDF: 3353.2/48

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -92.676+/-0.672 χ^2/NDF:24.8/6

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -94.925+/-0.706 χ^2/NDF:81.1/5

Left: -93.744+/-0.487 χ^2/NDF: 111.3/12

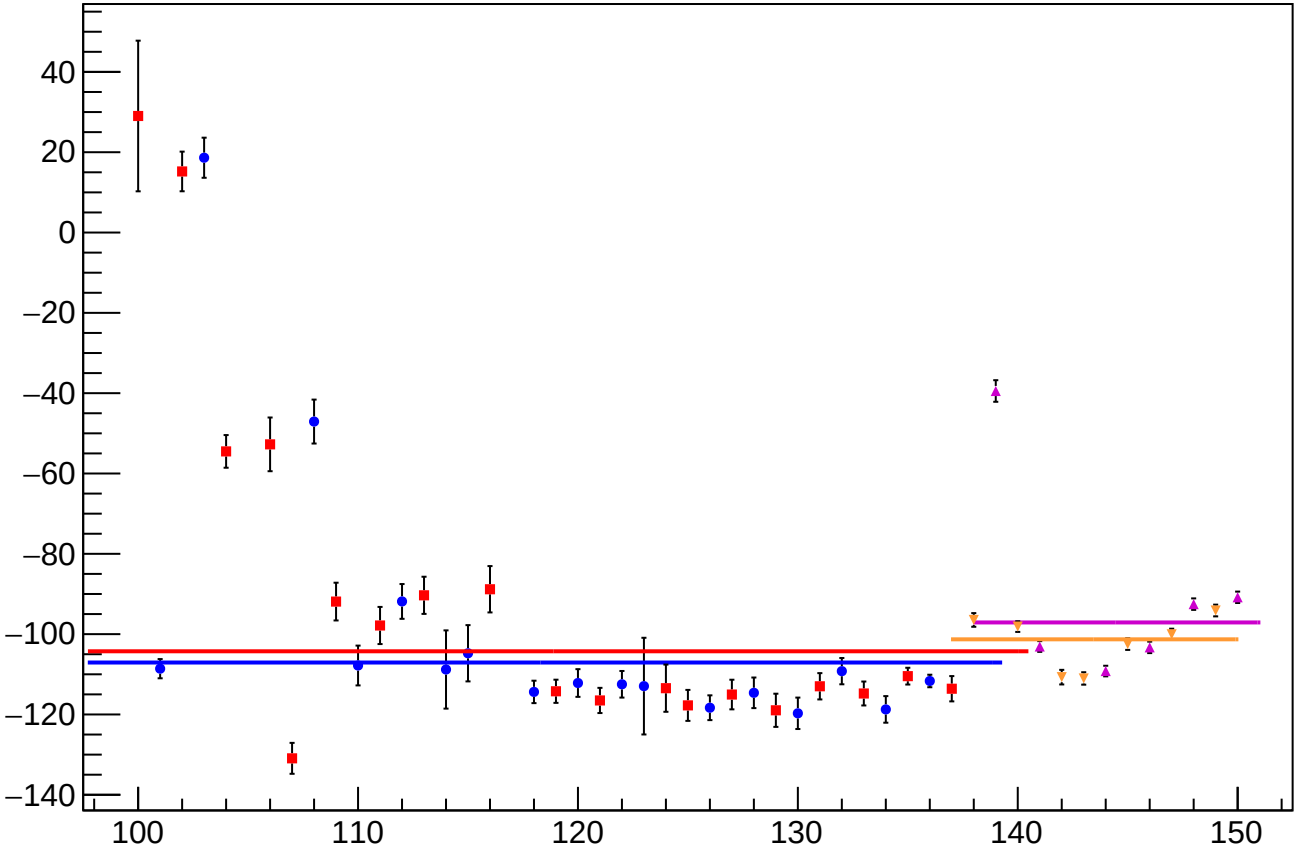
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -87.563+/-0.622 χ^2/NDF:630.7/22

Out: -86.631+/-0.604 χ^2/NDF:612.8/25

All: -87.083+/-0.433 χ^2/NDF: 1244.6/48

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: -101.293+/-0.569 χ^2/NDF:105.7/6

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -97.087+/-0.604 χ^2/NDF:611.8/5

Left: -99.313+/-0.414 χ^2/NDF: 743.1/12

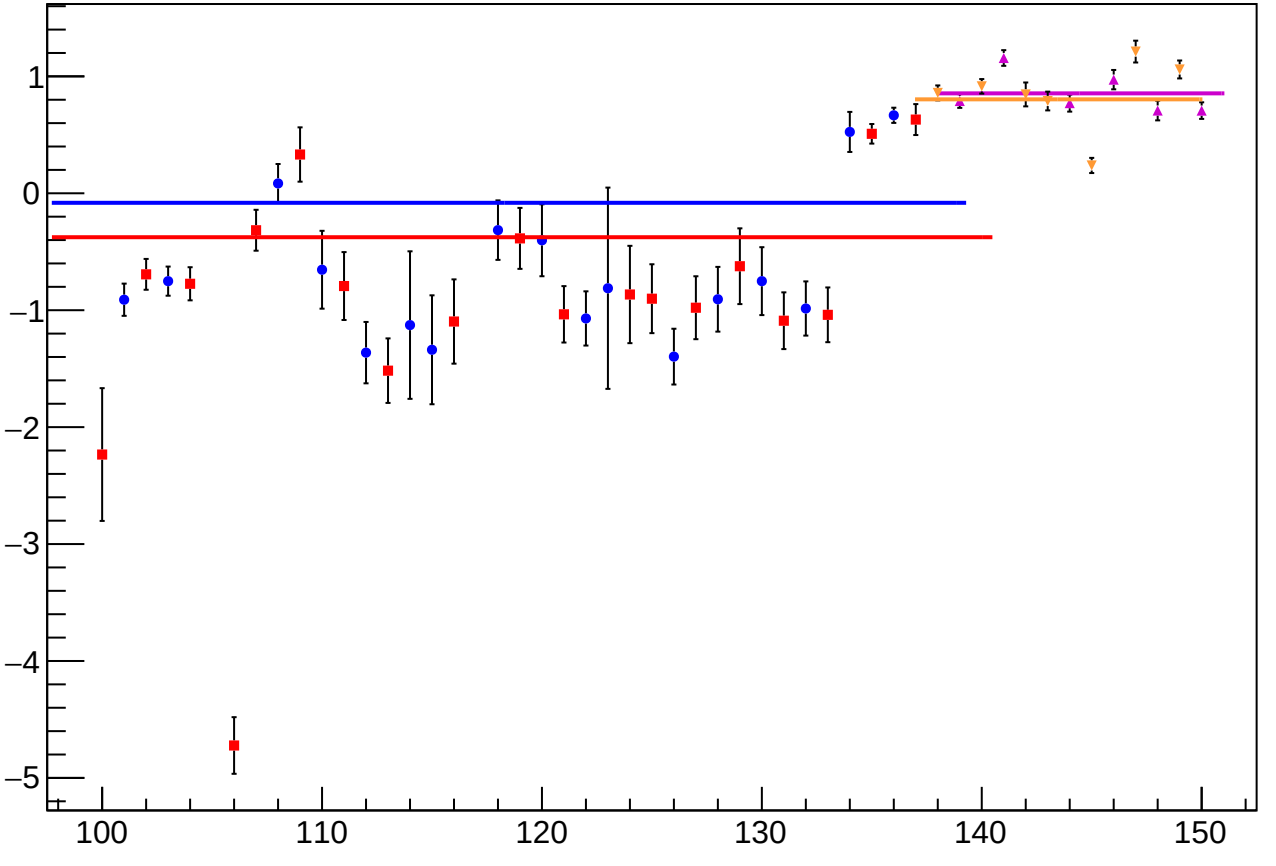
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -100.643+/-0.484 χ^2/NDF:1537.5/22

Out: -102.198+/-0.475 χ^2/NDF:1132.6/25

All: -101.436+/-0.339 χ^2/NDF: 2675.4/48

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: 0.803+/-0.028 χ^2/NDF:110.5/6

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.855+/-0.029 χ^2/NDF:32.3/5

Left: 0.828+/-0.020 χ^2/NDF: 144.4/12

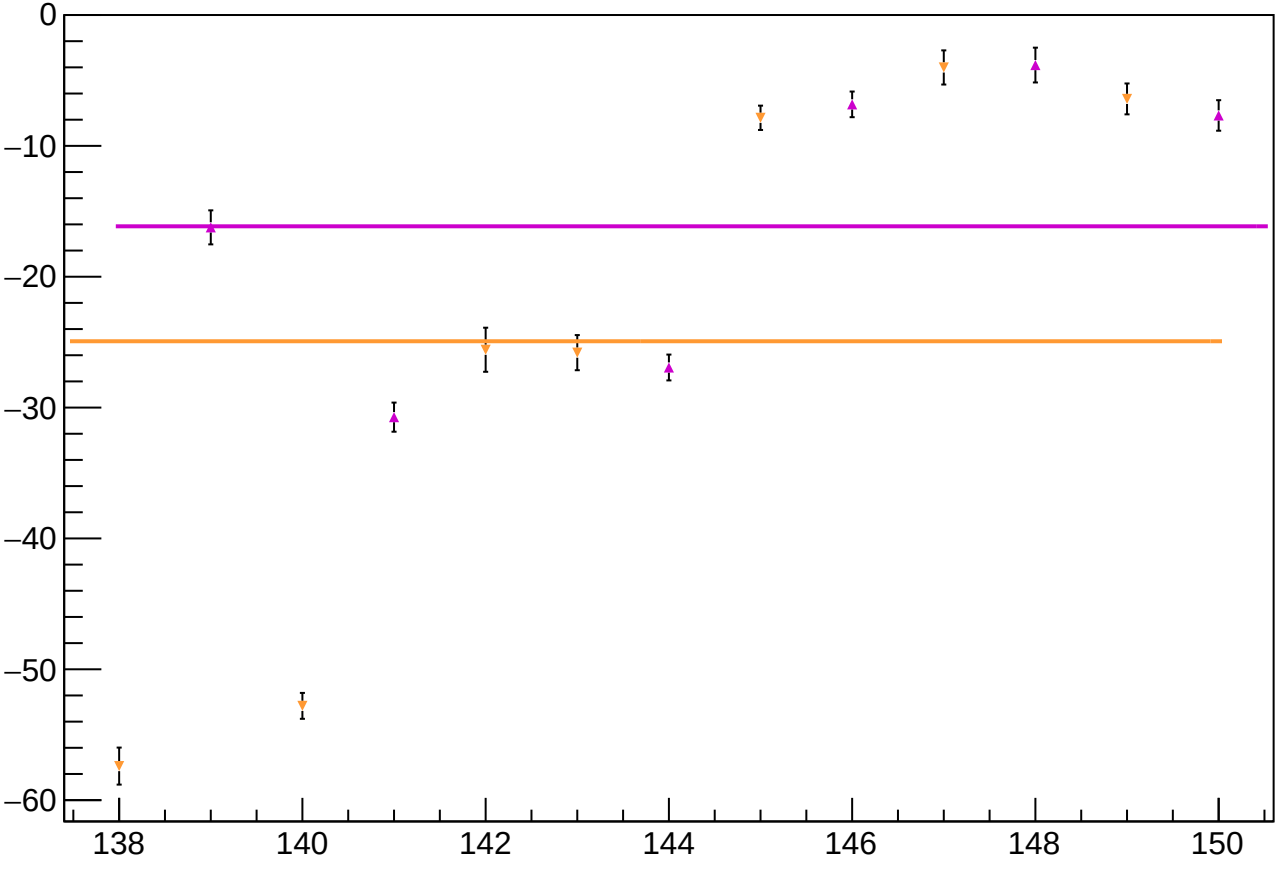
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.554+/-0.024 χ^2/NDF:695.5/22

Out: 0.463+/-0.024 χ^2/NDF:1206.7/25

All: 0.507+/-0.017 χ^2/NDF: 1909.5/48

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: -24.931+/-0.452 χ^2/NDF:2160.0/6

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

Left In: -16.147+/-0.458 χ^2/NDF:520.3/5

Left: -20.595+/-0.322 χ^2/NDF: 2866.5/12

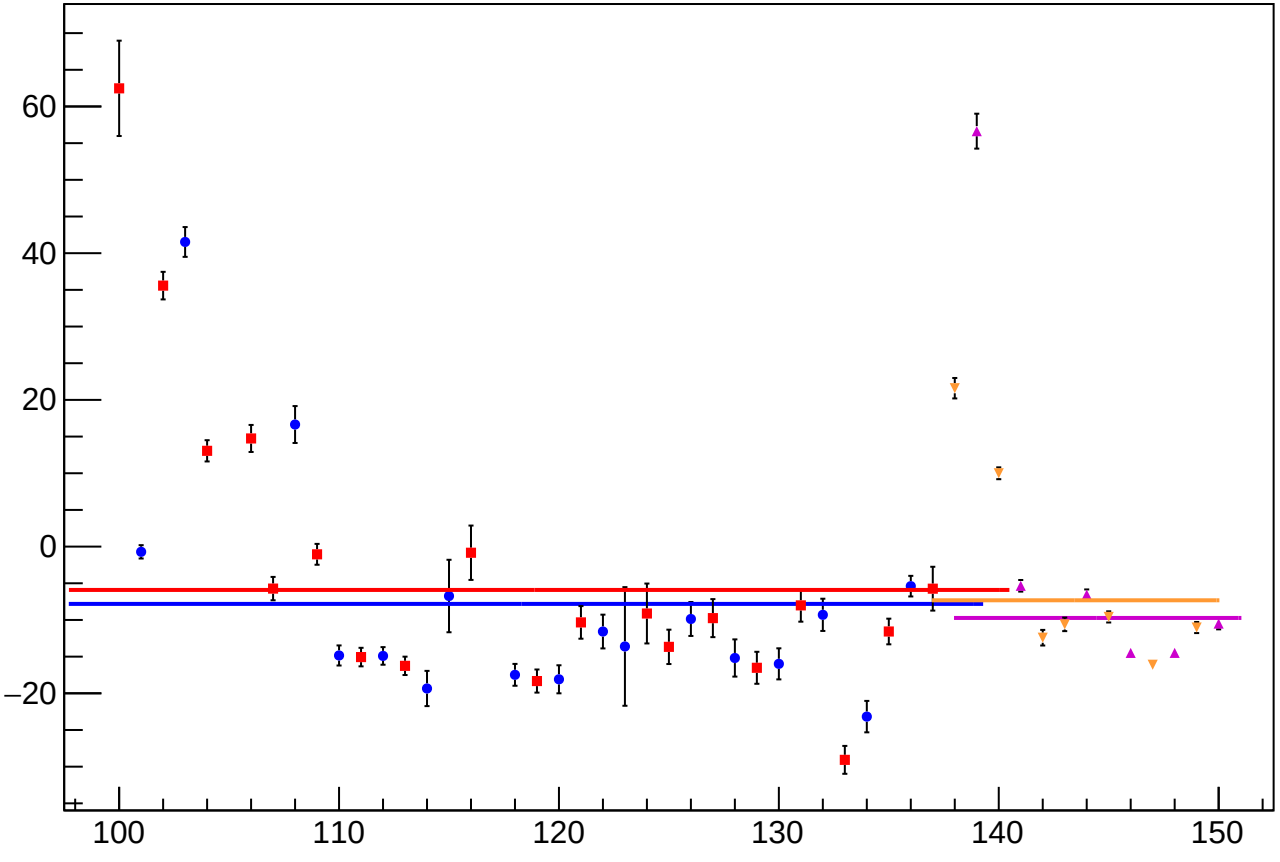
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.147+/-0.458 χ^2/NDF:520.3/5

Out: -24.931+/-0.452 χ^2/NDF:2160.0/6

All: -20.595+/-0.322 χ^2/NDF: 2866.5/12

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: -7.319+/-0.314 χ^2/NDF:1156.7/6

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -9.727+/-0.310 χ^2/NDF:942.7/5

Left: -8.538+/-0.221 χ^2/NDF: 2129.3/12

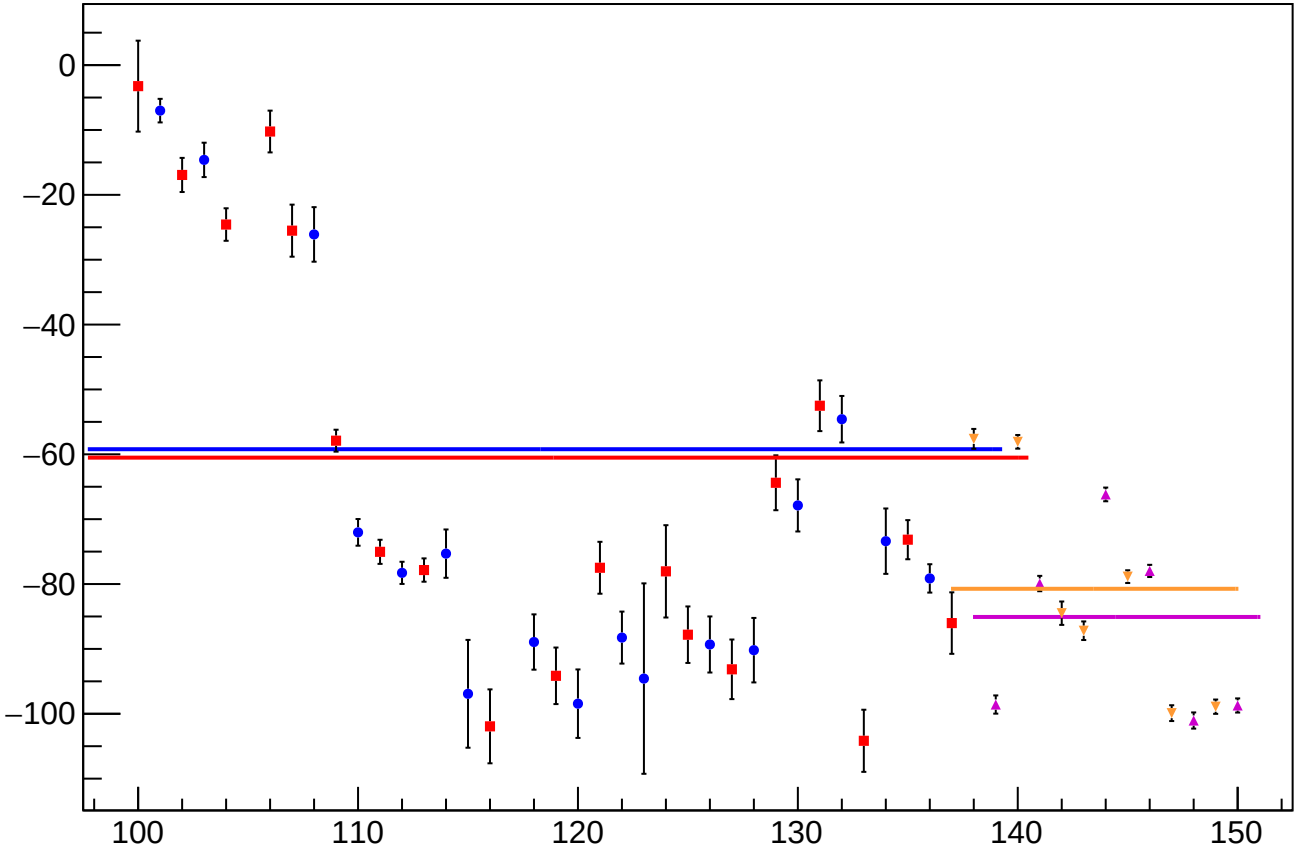
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -9.066+/-0.251 χ^2/NDF:1938.7/22

Out: -6.828+/-0.253 χ^2/NDF:2456.8/25

All: -7.958+/-0.178 χ^2/NDF: 4434.9/48

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: -80.732+/-0.464 χ^2/NDF:1235.7/6

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -85.074+/-0.460 χ^2/NDF:807.6/5

Left: -82.922+/-0.327 χ^2/NDF: 2087.5/12

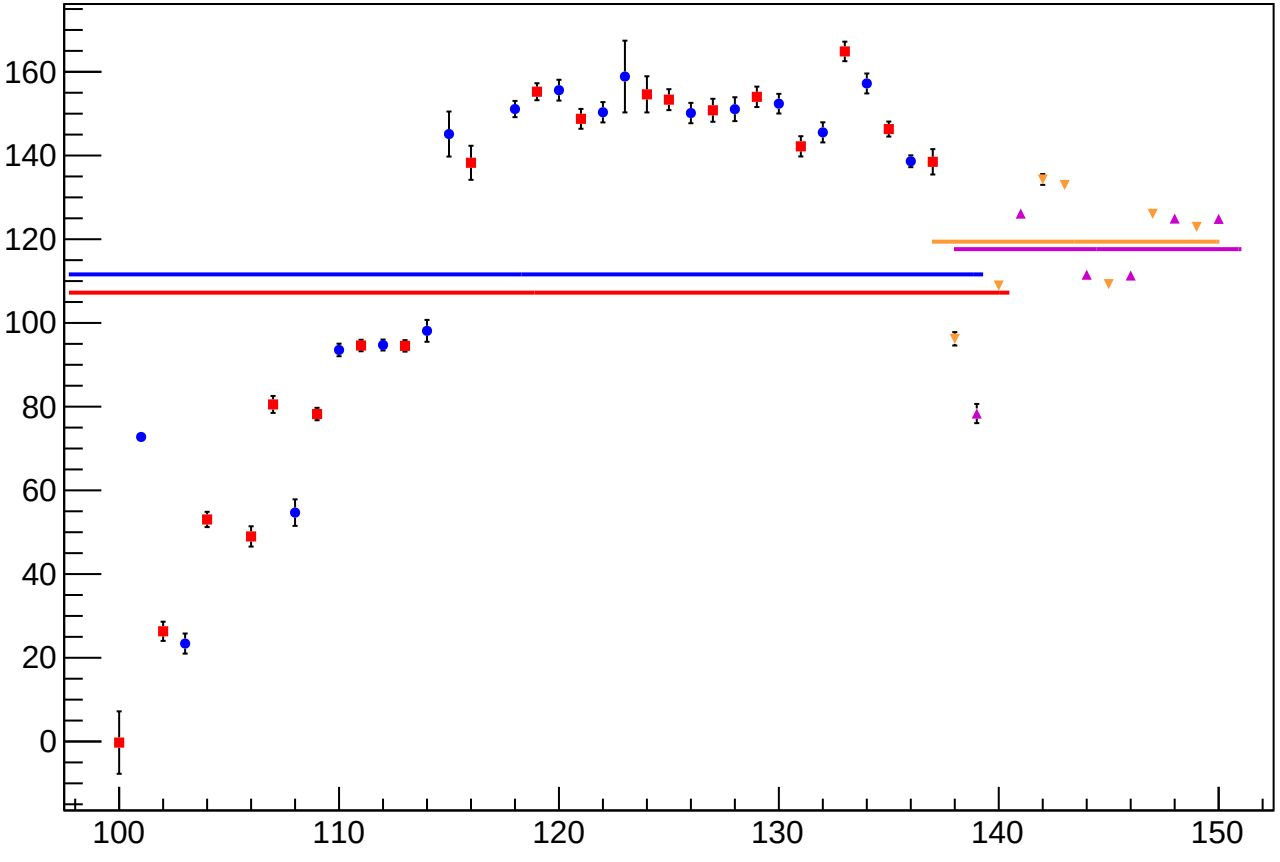
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -77.921+/-0.391 χ^2/NDF:3402.6/22

Out: -74.612+/-0.387 χ^2/NDF:3194.5/25

All: -76.251+/-0.275 χ^2/NDF: 6633.2/48

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 119.422+/-0.386 χ^2/NDF:816.4/6

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 117.632+/-0.383 χ^2/NDF:620.6/5

Left: 118.519+/-0.272 χ^2/NDF: 1447.8/12

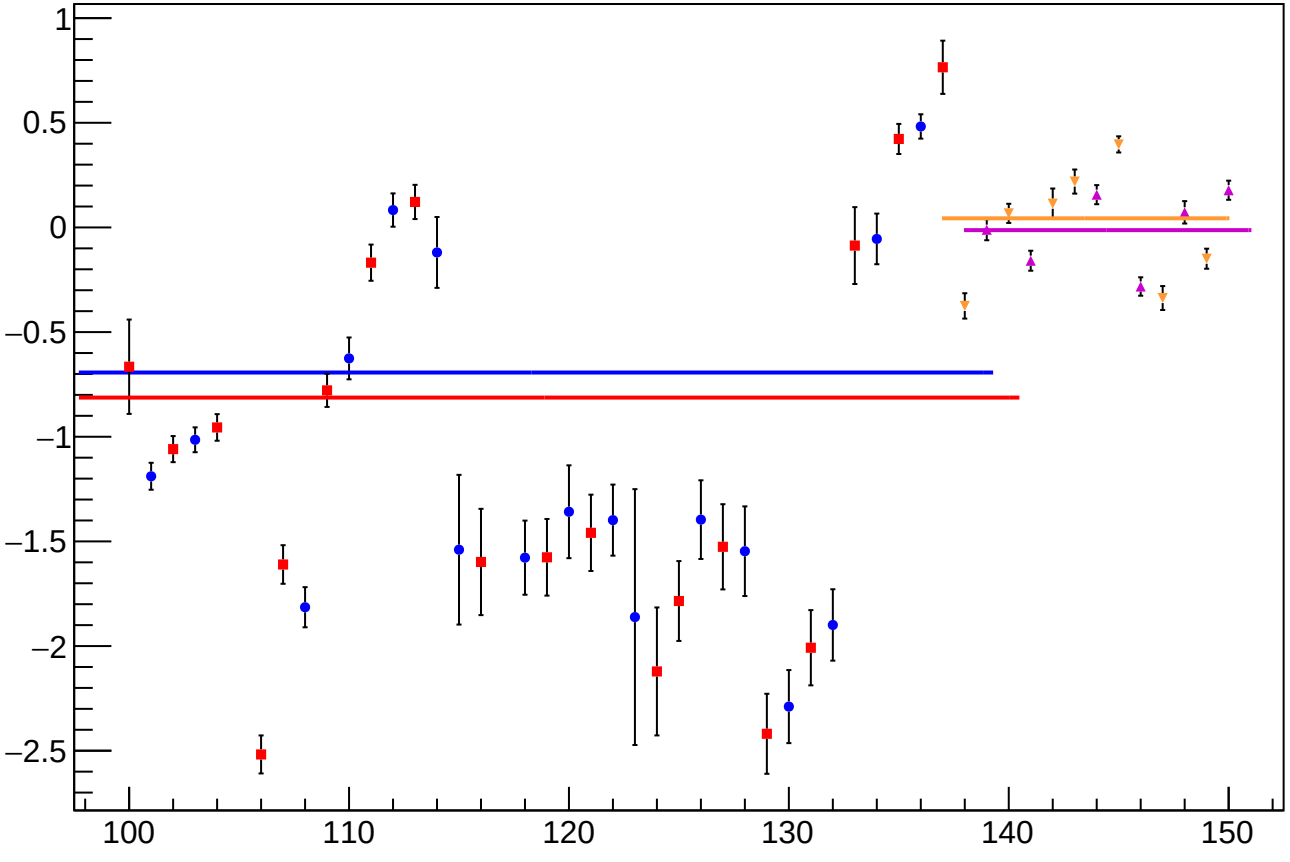
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 115.327+/-0.301 χ^2/NDF:6675.1/22

Out: 114.732+/-0.303 χ^2/NDF:8237.7/25

All: 115.032+/-0.213 χ^2/NDF: 14914.7/48

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: 0.044+/-0.019 χ^2/NDF:202.5/6

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.013+/-0.019 χ^2/NDF:80.5/5

Left: 0.015+/-0.014 χ^2/NDF: 287.3/12

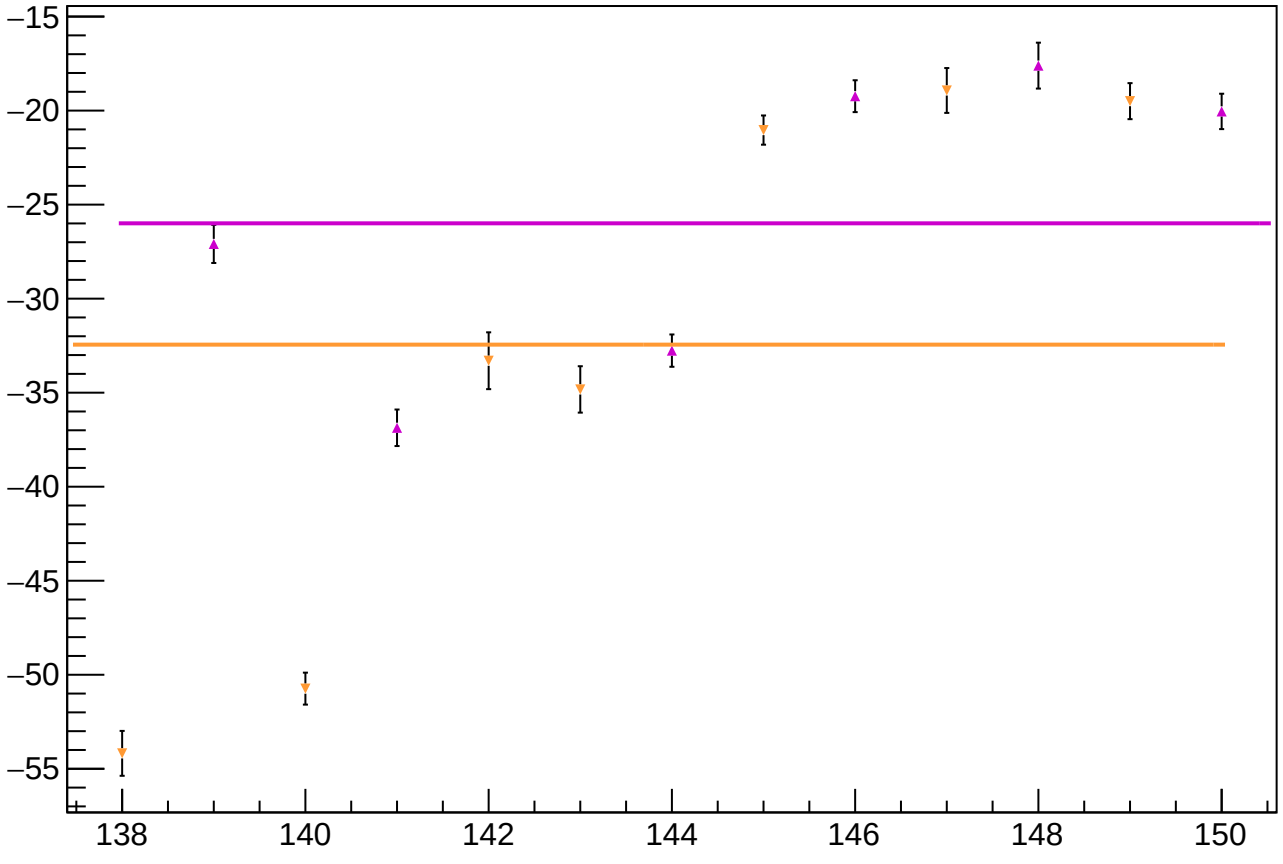
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.259+/-0.015 χ^2/NDF:1518.5/22

Out: -0.289+/-0.015 χ^2/NDF:2270.1/25

All: -0.274+/-0.011 χ^2/NDF: 3790.5/48

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.445+/-0.388 χ^2/NDF:1325.7/6

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

Left In: -25.994+/-0.390 χ^2/NDF:339.6/5

Left: -29.232+/-0.275 χ^2/NDF: 1802.7/12

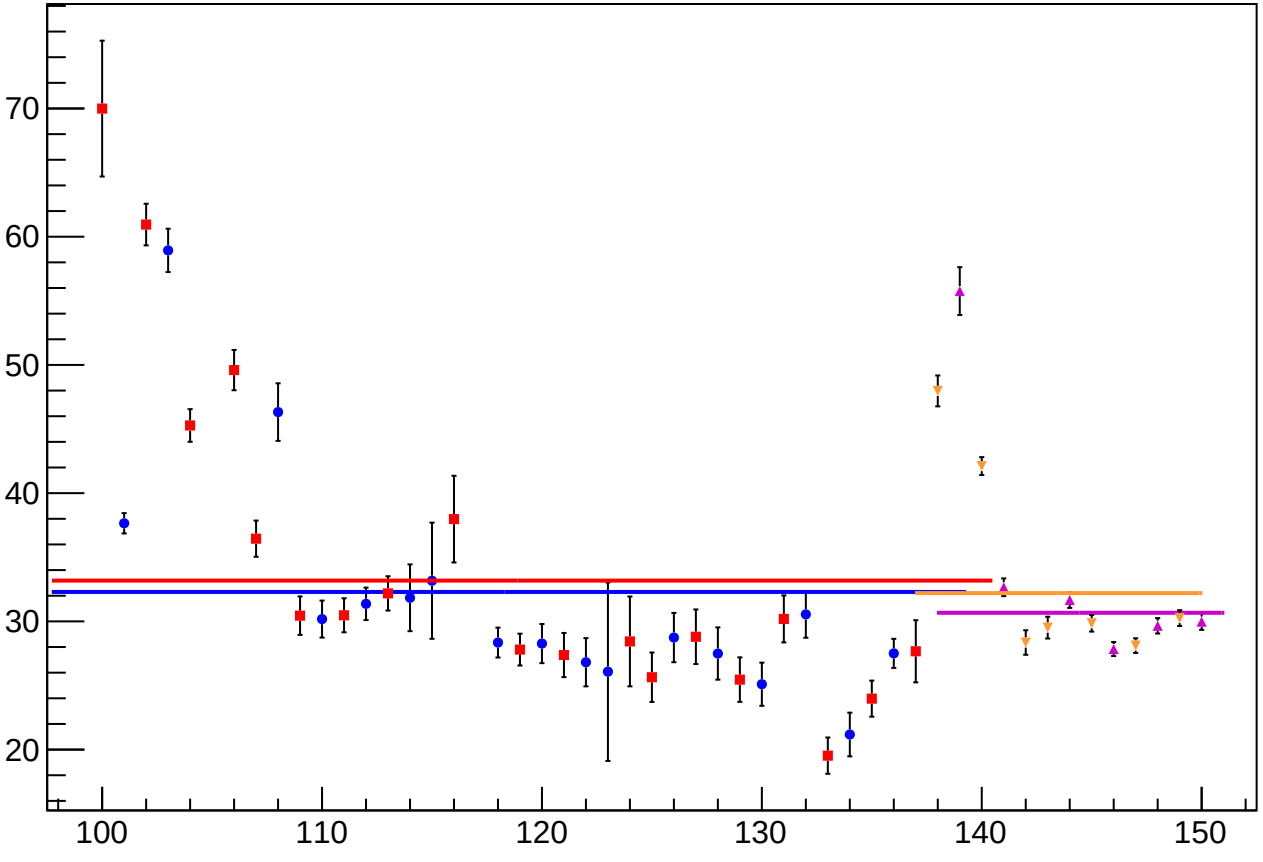
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.994+/-0.390 χ^2/NDF:339.6/5

Out: -32.445+/-0.388 χ^2/NDF:1325.7/6

All: -29.232+/-0.275 χ^2/NDF: 1802.7/12

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 32.206+/-0.274 χ^2/NDF:474.0/6

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 30.670+/-0.271 χ^2/NDF:222.6/5

Left: 31.430+/-0.193 χ^2/NDF: 712.5/12

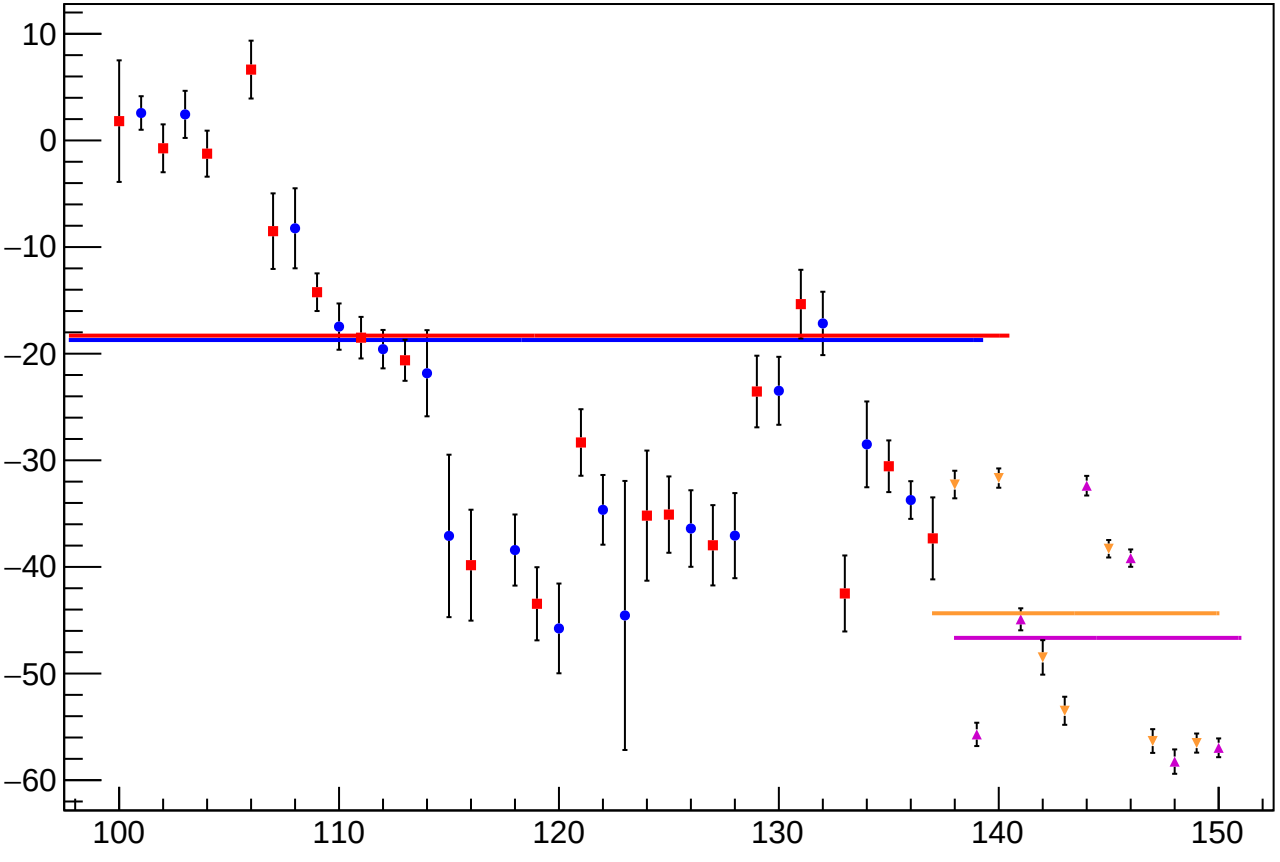
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.233+/-0.219 χ^2/NDF:687.3/22

Out: 32.540+/-0.222 χ^2/NDF:1248.6/25

All: 31.878+/-0.156 χ^2/NDF: 1953.4/48

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: -44.347+/-0.398 χ^2/NDF:692.8/6

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -46.655+/-0.392 χ^2/NDF:636.1/5

Left: -45.519+/-0.279 χ^2/NDF: 1346.0/12

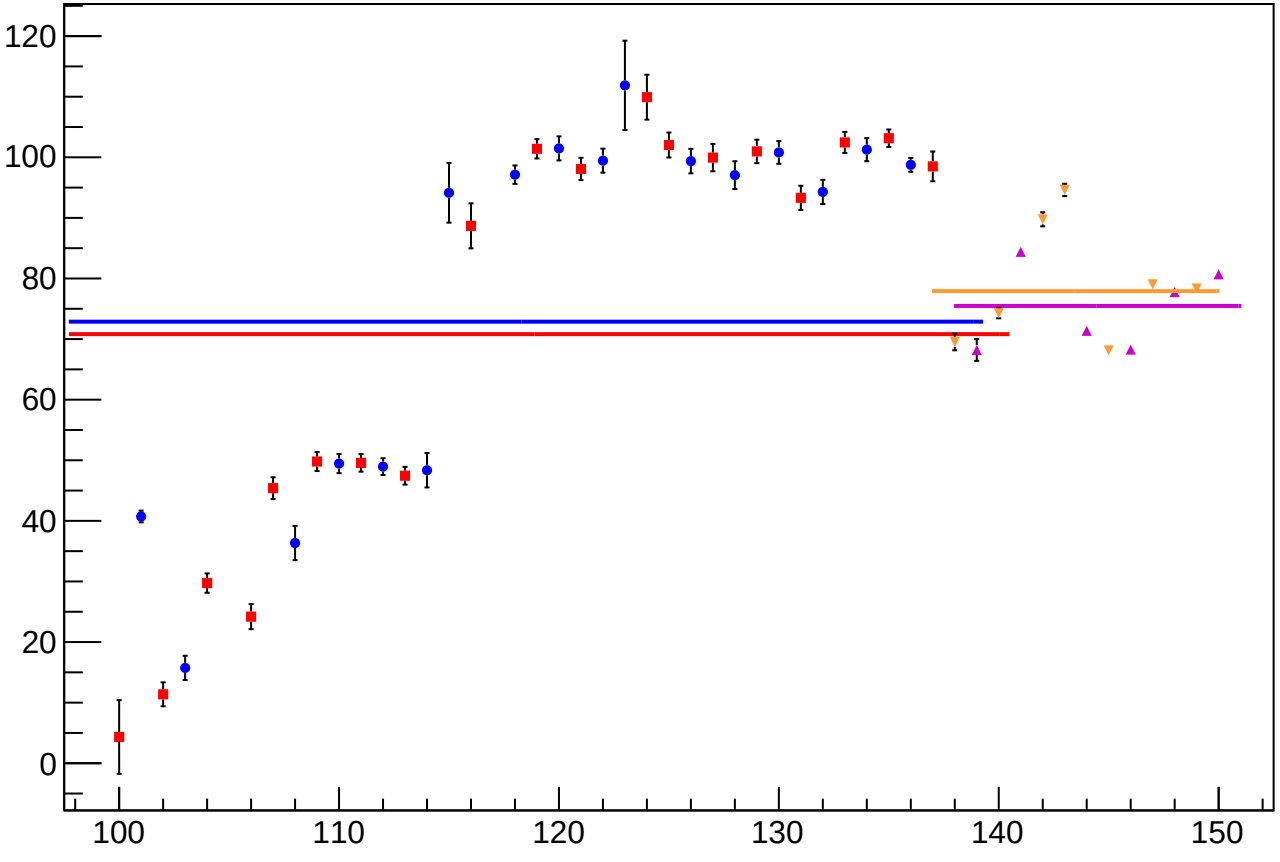
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -39.465+/-0.338 χ^2/NDF:2464.6/22

Out: -37.145+/-0.338 χ^2/NDF:2350.1/25

All: -38.308+/-0.239 χ^2/NDF: 4838.2/48

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: 77.918+/-0.335 χ^2/NDF:605.7/6

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 75.468+/-0.331 χ^2/NDF:334.3/5

Left: 76.680+/-0.236 χ^2/NDF: 967.1/12

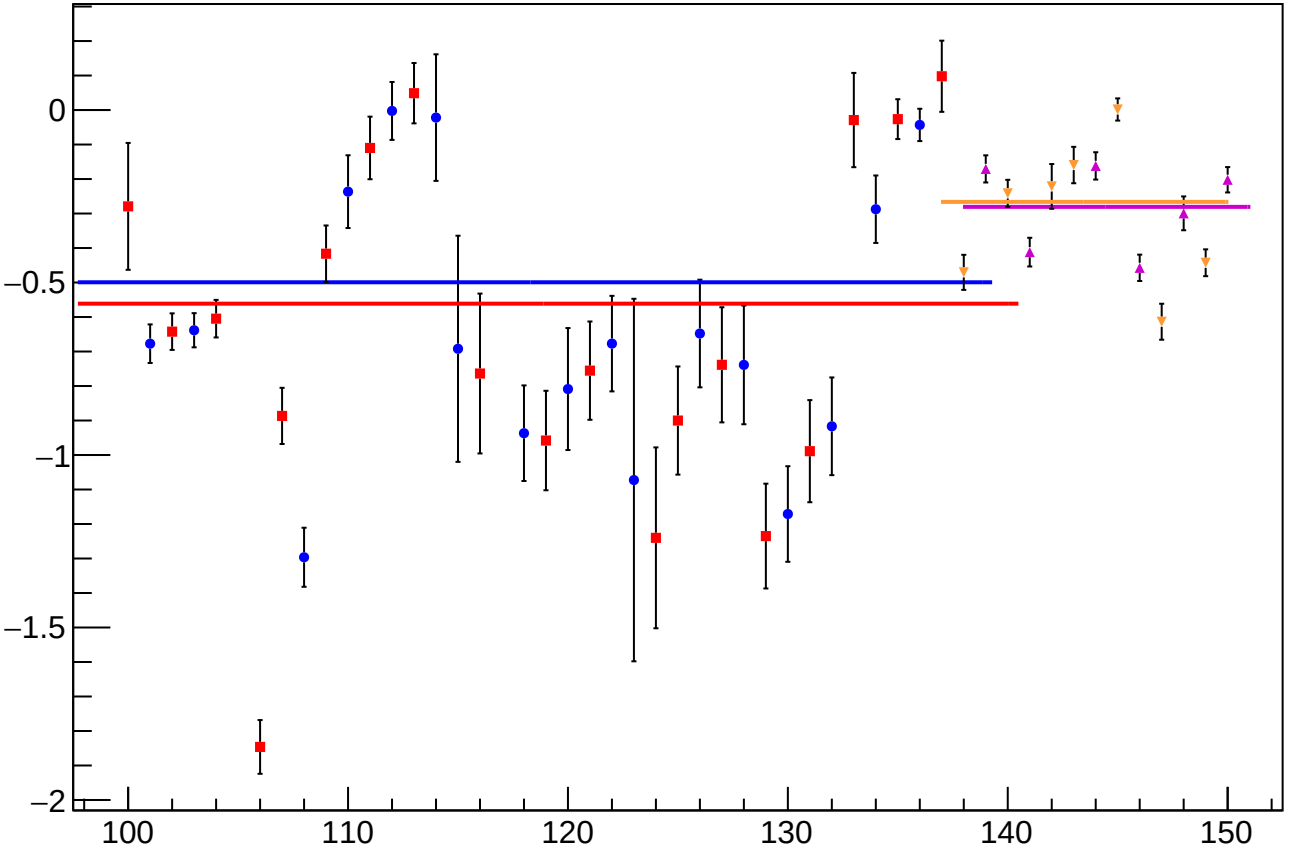
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 74.489+/-0.262 χ^2/NDF:5095.4/22

Out: 75.261+/-0.265 χ^2/NDF:6263.2/25

All: 74.870+/-0.186 χ^2/NDF: 11362.9/48

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: -0.266+/-0.017 χ^2/NDF:155.4/6

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.281+/-0.016 χ^2/NDF:52.9/5

Left: -0.274+/-0.012 χ^2/NDF: 208.7/12

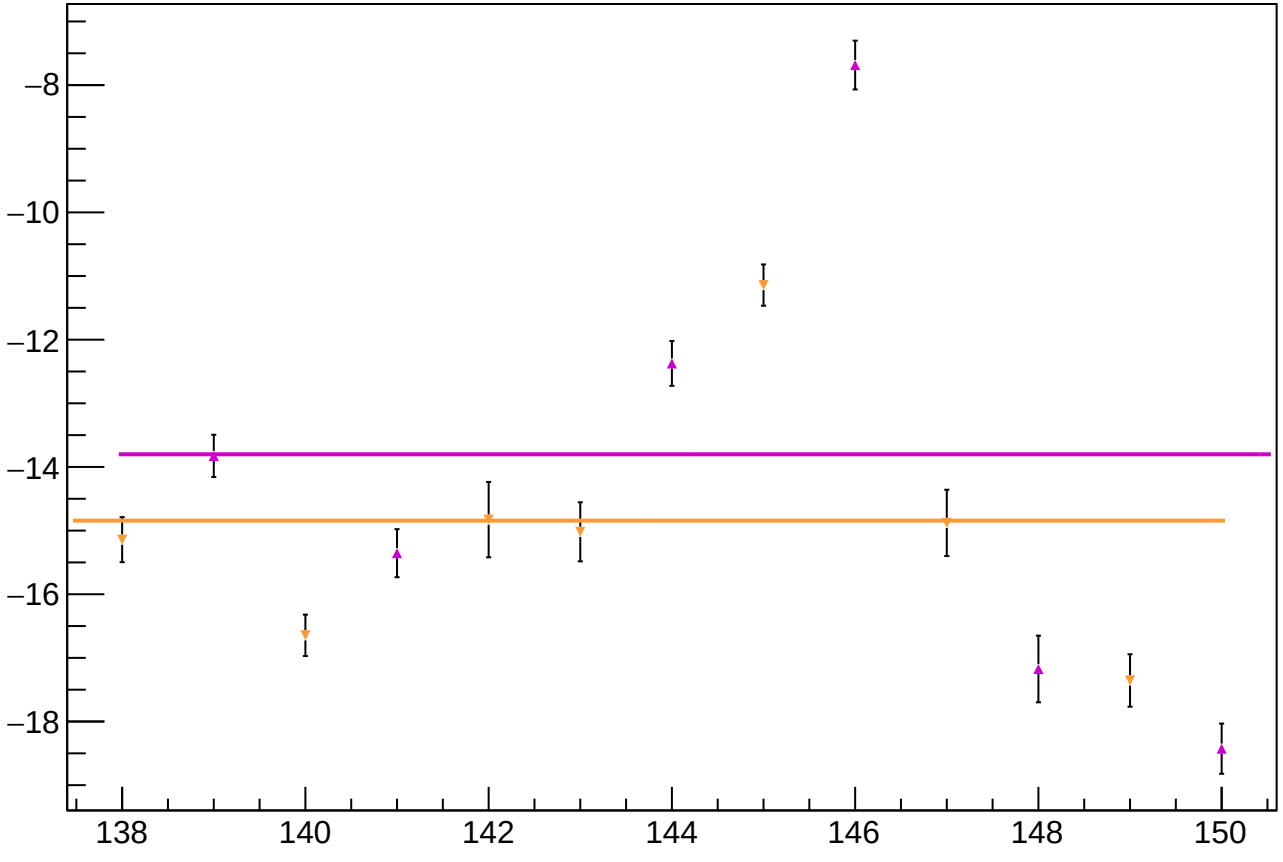
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.358+/-0.013 χ^2/NDF:418.6/22

Out: -0.377+/-0.013 χ^2/NDF:836.5/25

All: -0.367+/-0.009 χ^2/NDF: 1256.2/48

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: -14.843+/-0.151 χ^2/NDF:198.7/6

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

Left In: -13.801+/-0.156 χ^2/NDF:466.9/5

Left: -14.341+/-0.108 χ^2/NDF: 688.6/12

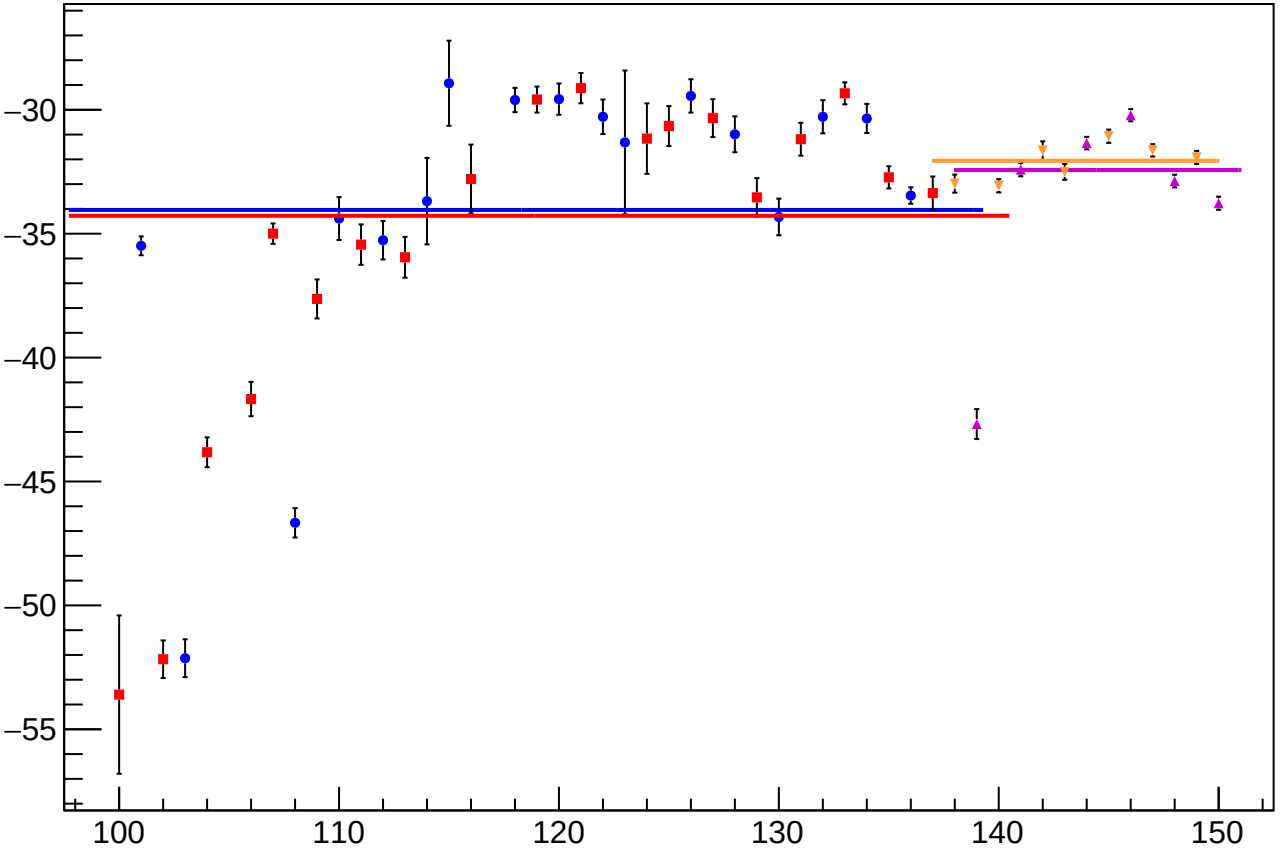
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.801+/-0.156 χ^2/NDF:466.9/5

Out: -14.843+/-0.151 χ^2/NDF:198.7/6

All: -14.341+/-0.108 χ^2/NDF: 688.6/12

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: -32.059+/-0.110 χ^2/NDF:40.4/6

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -32.429+/-0.114 χ^2/NDF:413.6/5

Left: -32.239+/-0.079 χ^2/NDF: 459.5/12

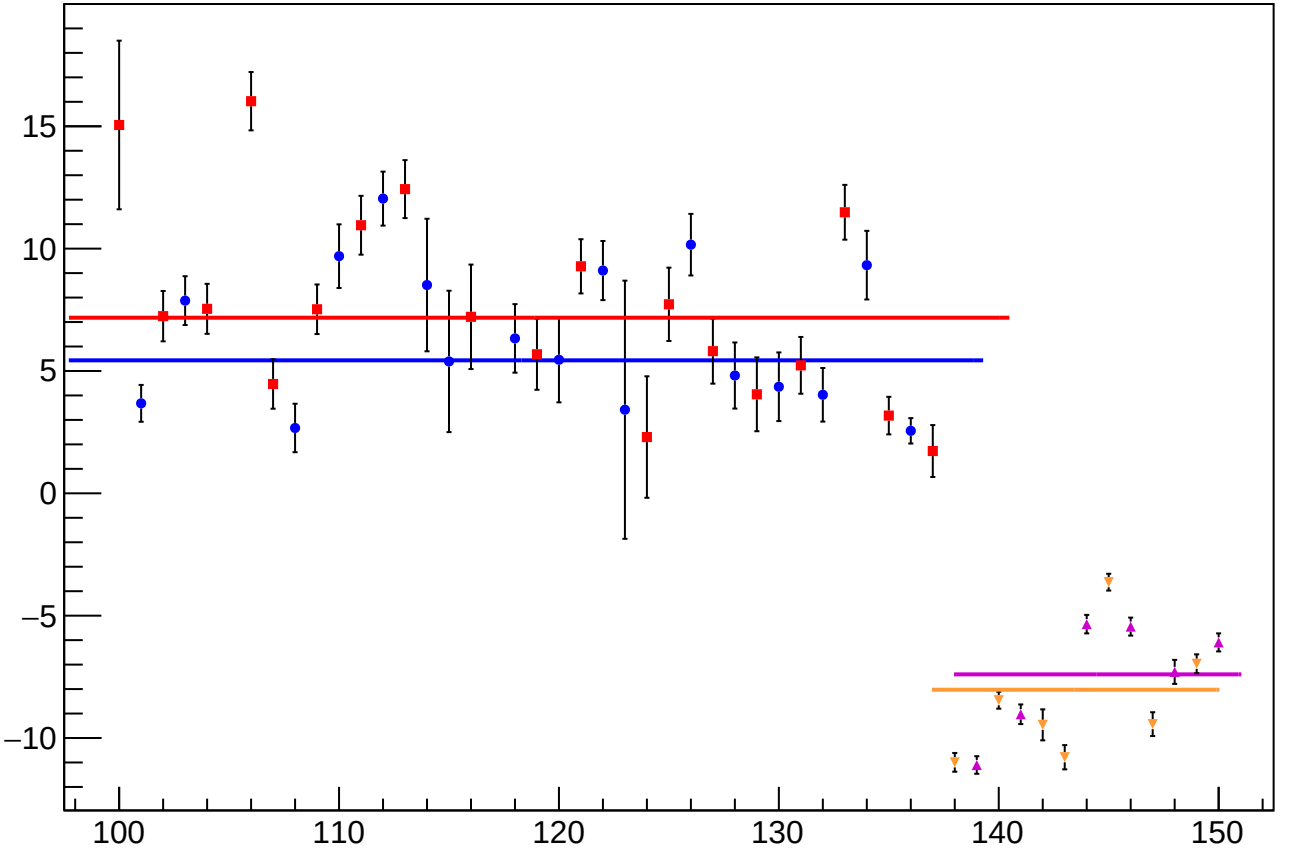
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -33.014+/-0.091 χ^2/NDF:1827.4/22

Out: -32.831+/-0.089 χ^2/NDF:1530.8/25

All: -32.921+/-0.064 χ^2/NDF: 3360.2/48

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -8.027+/-0.156 χ^2/NDF:277.8/6

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -7.399+/-0.158 χ^2/NDF:193.0/5

Left: -7.718+/-0.111 χ^2/NDF: 478.8/12

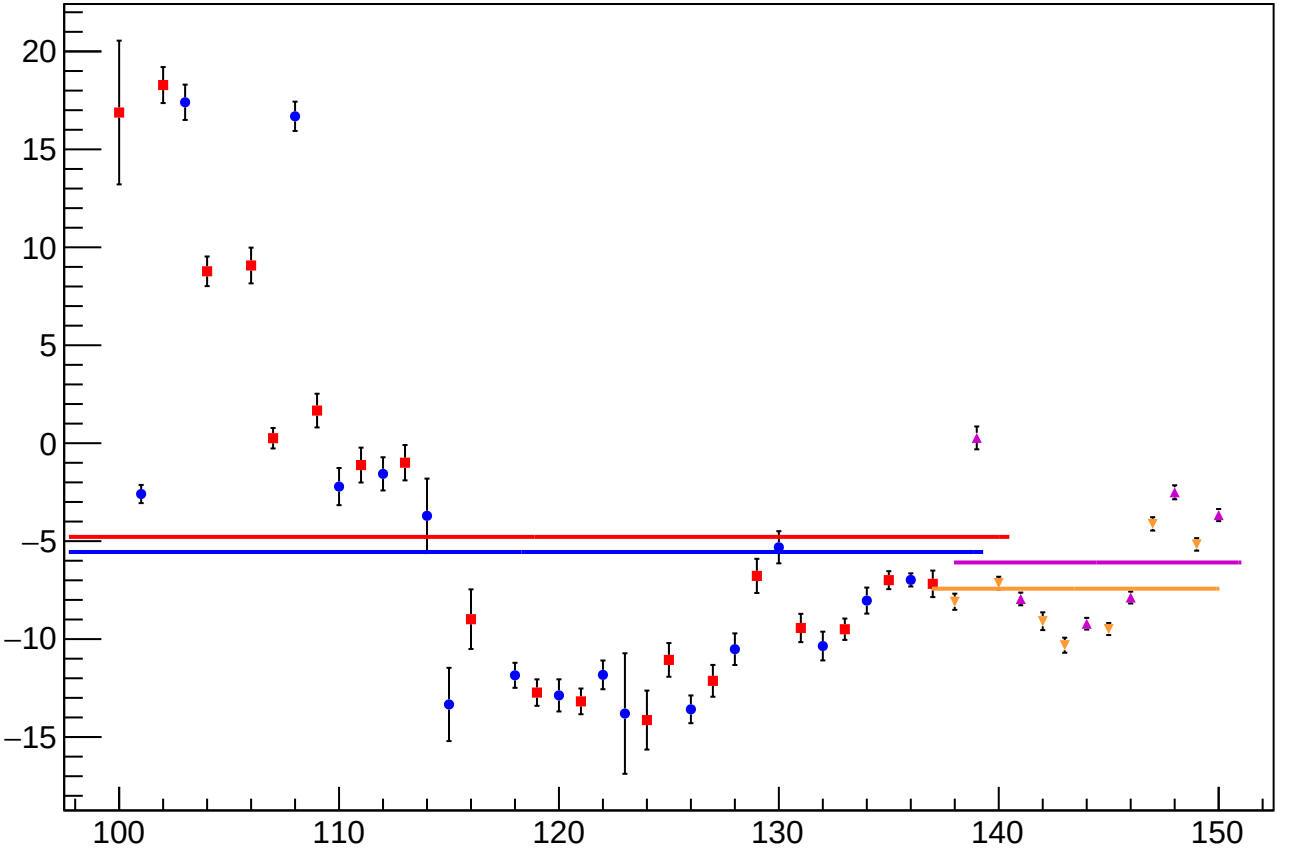
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -4.103+/-0.137 χ^2/NDF:2009.4/22

Out: -4.313+/-0.136 χ^2/NDF:2784.4/25

All: -4.209+/-0.096 χ^2/NDF: 4795.0/48

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -7.427+/-0.134 χ^2/NDF:261.2/6

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -6.089+/-0.138 χ^2/NDF:456.8/5

Left: -6.778+/-0.096 χ^2/NDF: 766.6/12

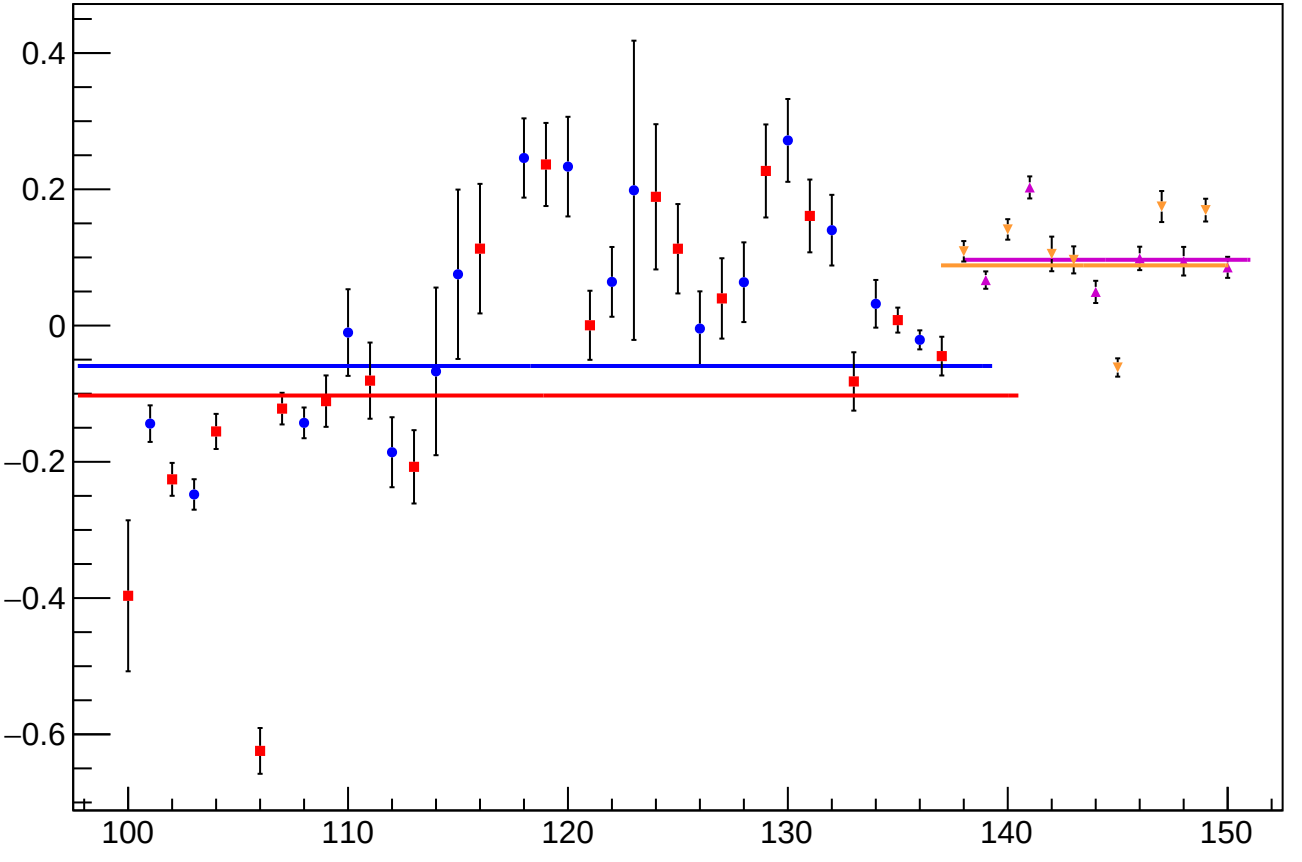
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -5.876+/-0.107 χ^2/NDF:2588.1/22

Out: -6.437+/-0.106 χ^2/NDF:2448.2/25

All: -6.160+/-0.075 χ^2/NDF: 5050.1/48

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: 0.088+/-0.006 χ^2/NDF:177.0/6

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.097+/-0.007 χ^2/NDF:57.4/5

Left: 0.092+/-0.005 χ^2/NDF: 235.2/12

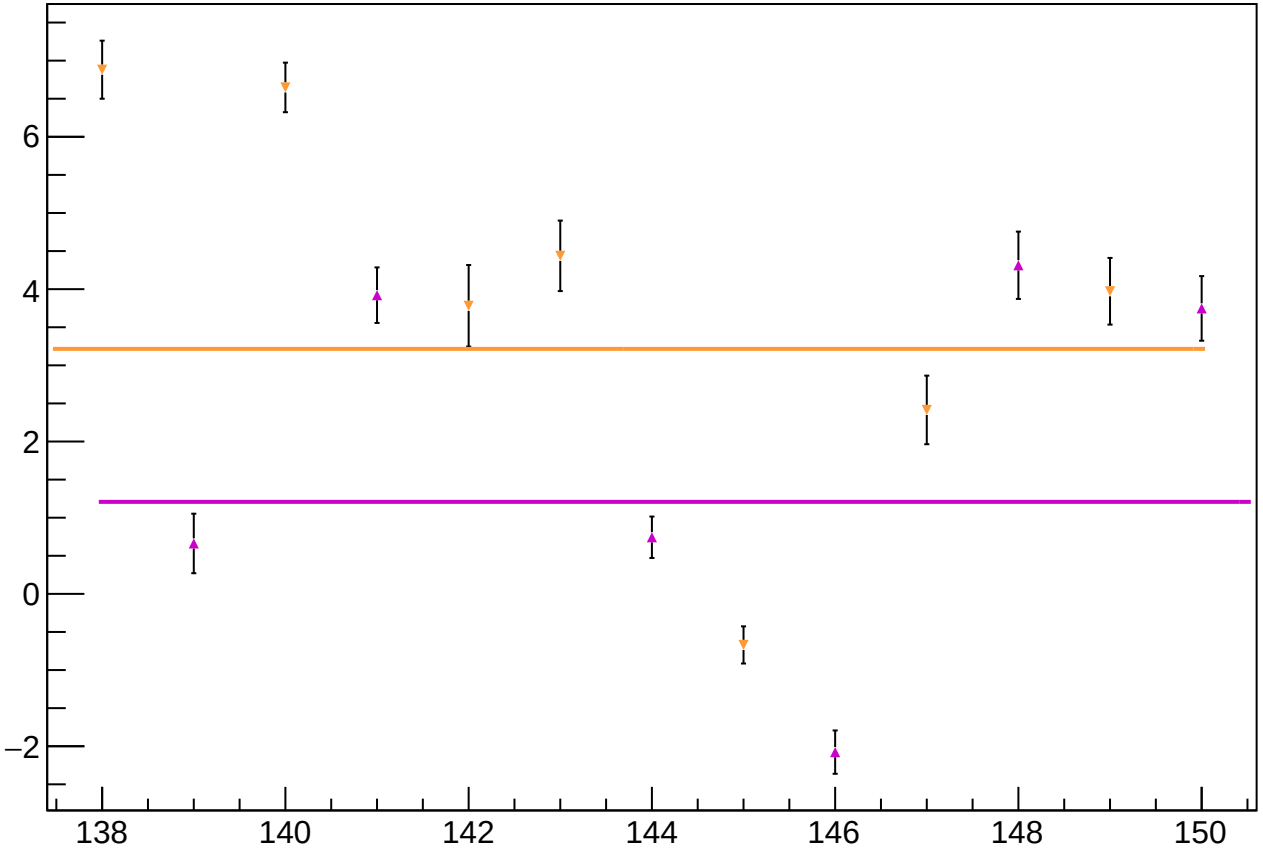
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.038+/-0.005 χ^2/NDF:490.4/22

Out: 0.018+/-0.005 χ^2/NDF:936.7/25

All: 0.028+/-0.004 χ^2/NDF: 1434.8/48

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.216+/-0.139 χ^2/NDF:472.0/6

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

Left In: 1.208+/-0.141 χ^2/NDF:278.9/5

Left: 2.221+/-0.099 χ^2/NDF: 853.8/12

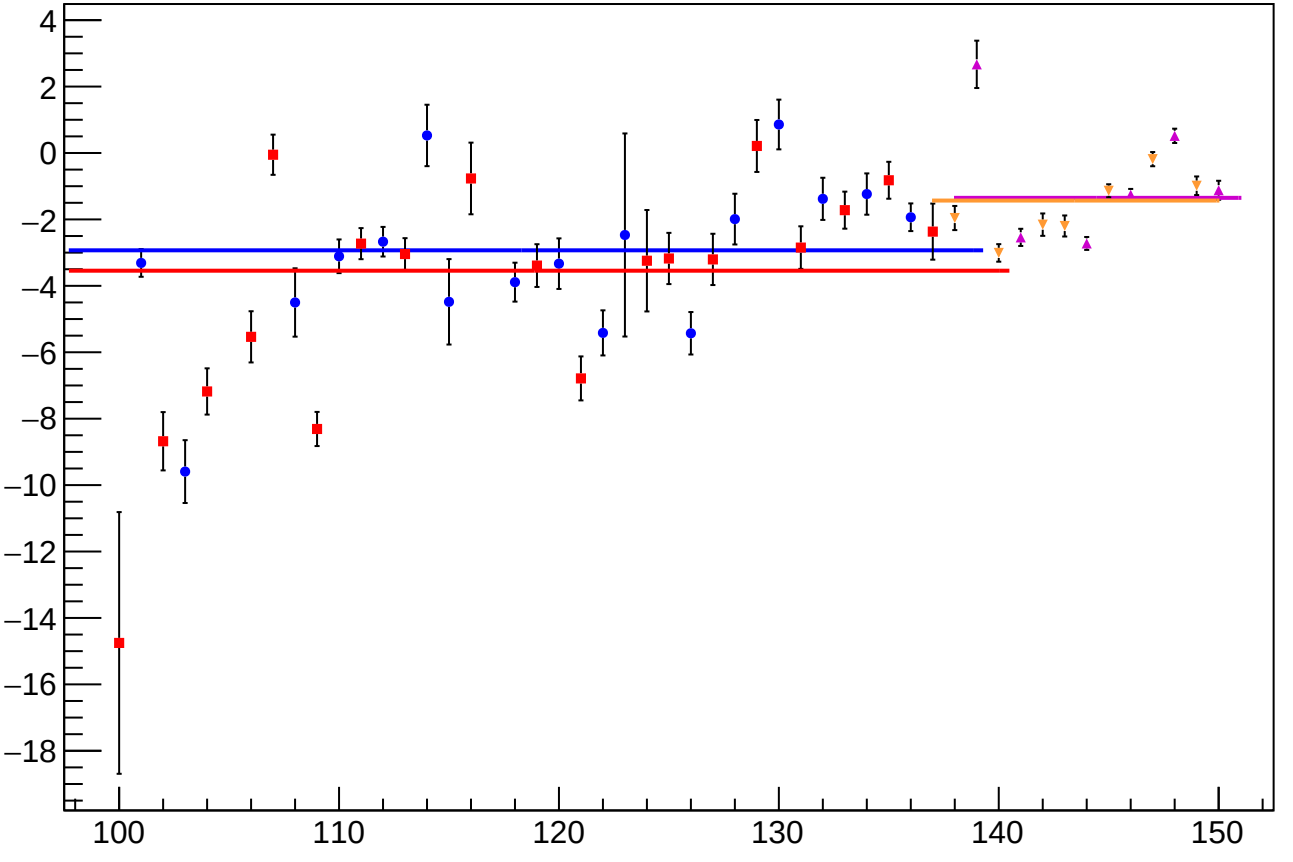
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.208+/-0.141 χ^2/NDF:278.9/5

Out: 3.216+/-0.139 χ^2/NDF:472.0/6

All: 2.221+/-0.099 χ^2/NDF: 853.8/12

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: -1.432+/-0.099 χ^2/NDF:87.1/6

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.351+/-0.095 χ^2/NDF:178.9/5

Left: -1.390+/-0.069 χ^2/NDF: 266.4/12

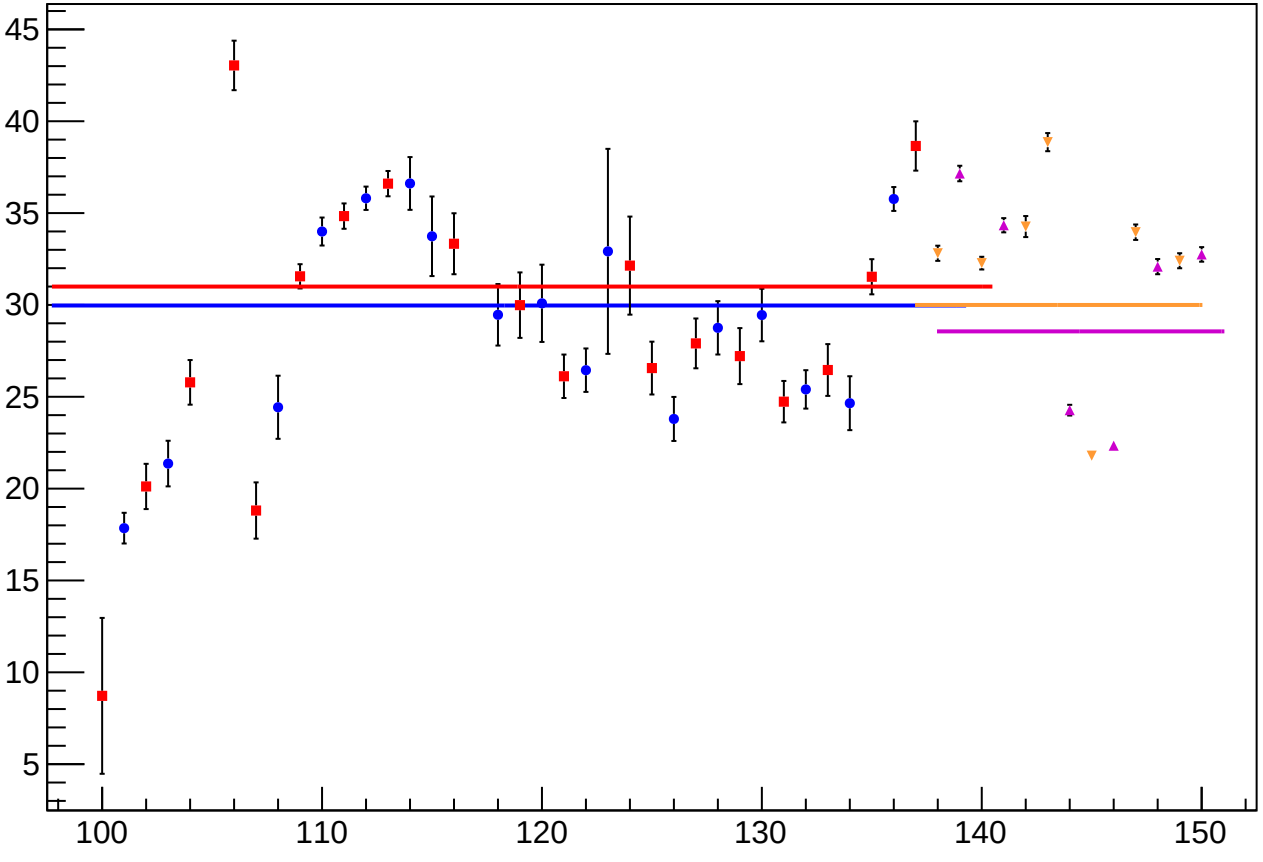
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.789+/-0.081 χ^2/NDF:401.6/22

Out: -2.049+/-0.084 χ^2/NDF:510.8/25

All: -1.915+/-0.058 χ^2/NDF: 917.4/48

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 29.998+/-0.145 χ^2/NDF:1588.8/6

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 28.560+/-0.142 χ^2/NDF:1556.4/5

Left: 29.266+/-0.101 χ^2/NDF: 3195.5/12

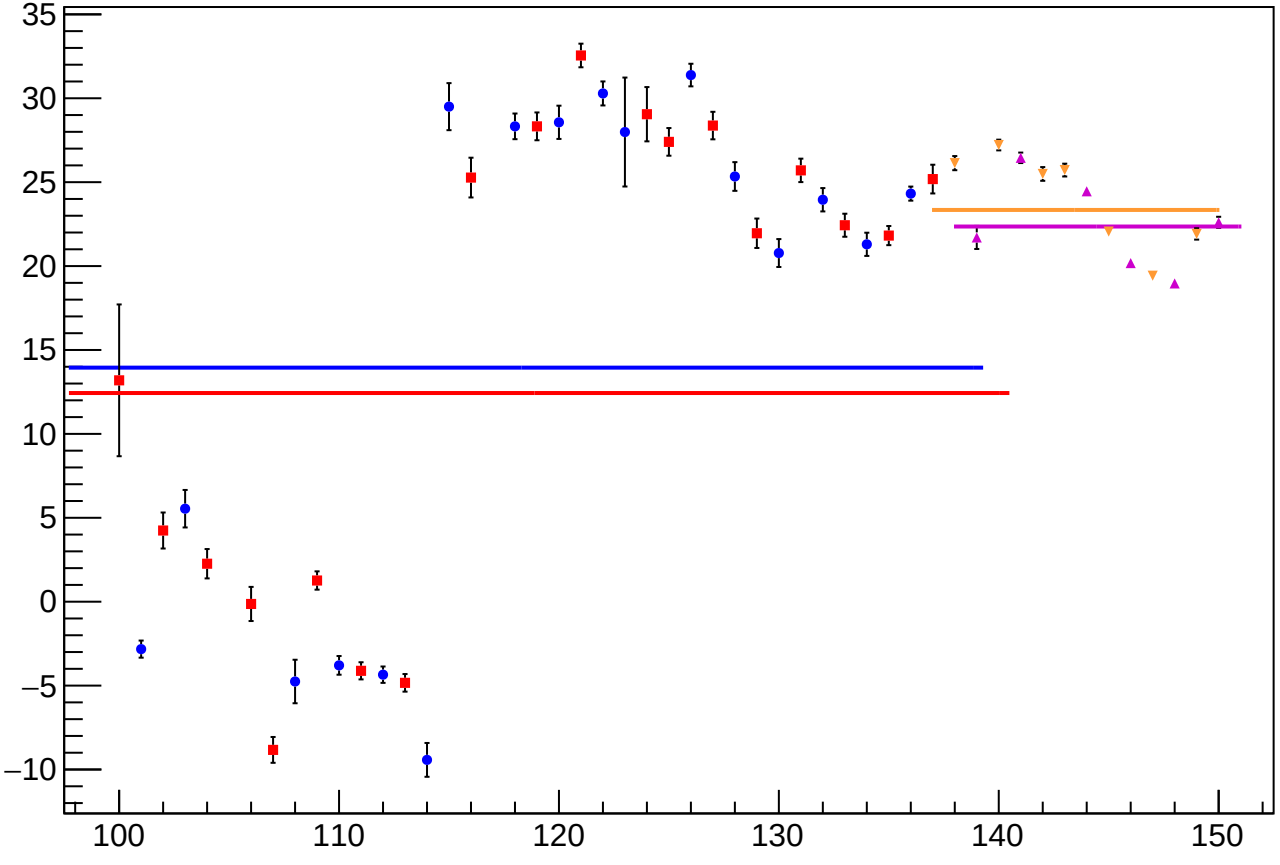
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 28.871+/-0.125 χ^2/NDF:2132.5/22

Out: 30.235+/-0.126 χ^2/NDF:2079.6/25

All: 29.547+/-0.089 χ^2/NDF: 4270.8/48

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 23.345+/-0.121 χ^2/NDF:483.9/6

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.357+/-0.118 χ^2/NDF:482.0/5

Left: 22.837+/-0.085 χ^2/NDF: 1000.0/12

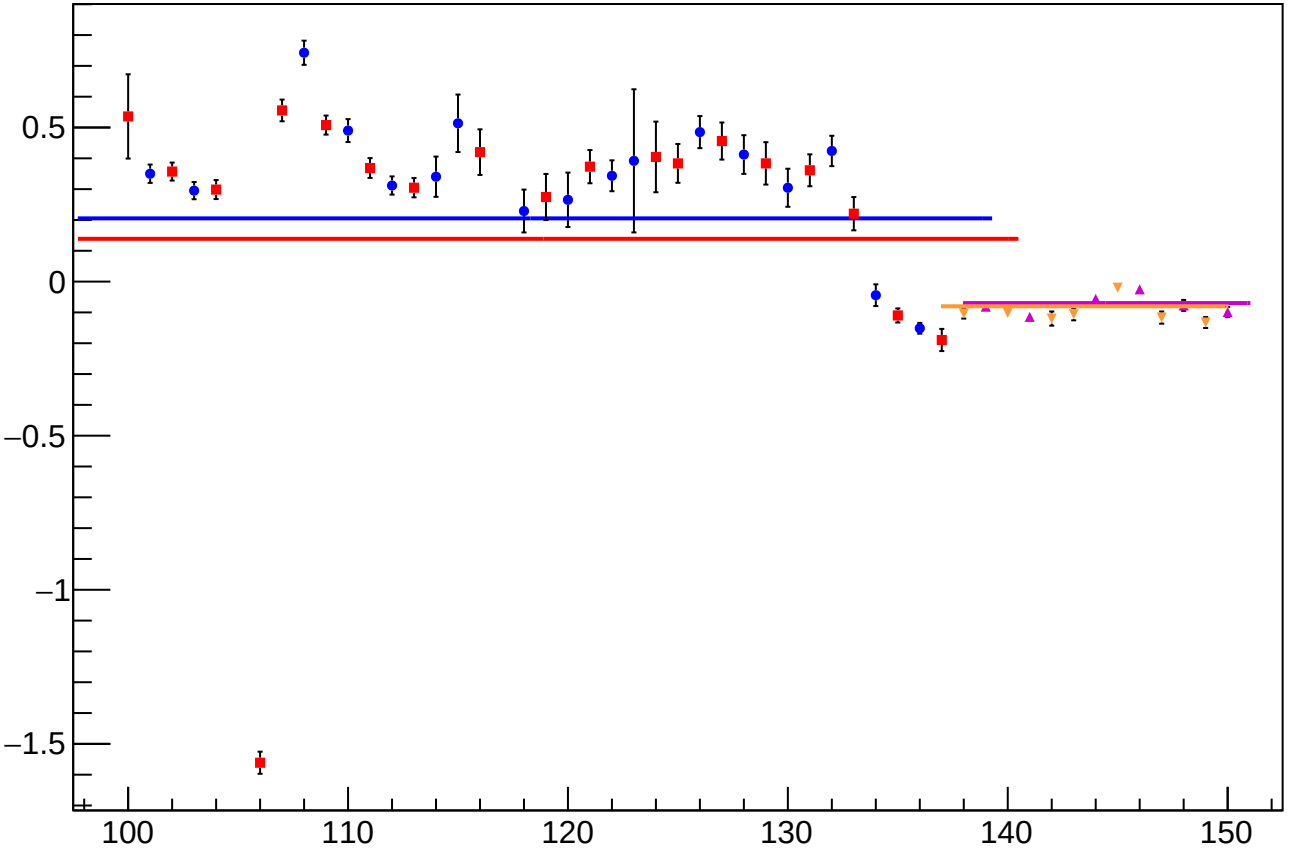
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 19.671+/-0.097 χ^2/NDF:9501.4/22

Out: 19.769+/-0.099 χ^2/NDF:10099.7/25

All: 19.719+/-0.070 χ^2/NDF: 19601.6/48

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: -0.080+/-0.006 χ^2/NDF:56.1/6

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.070+/-0.006 χ^2/NDF:25.5/5

Left: -0.075+/-0.004 χ^2/NDF: 83.1/12

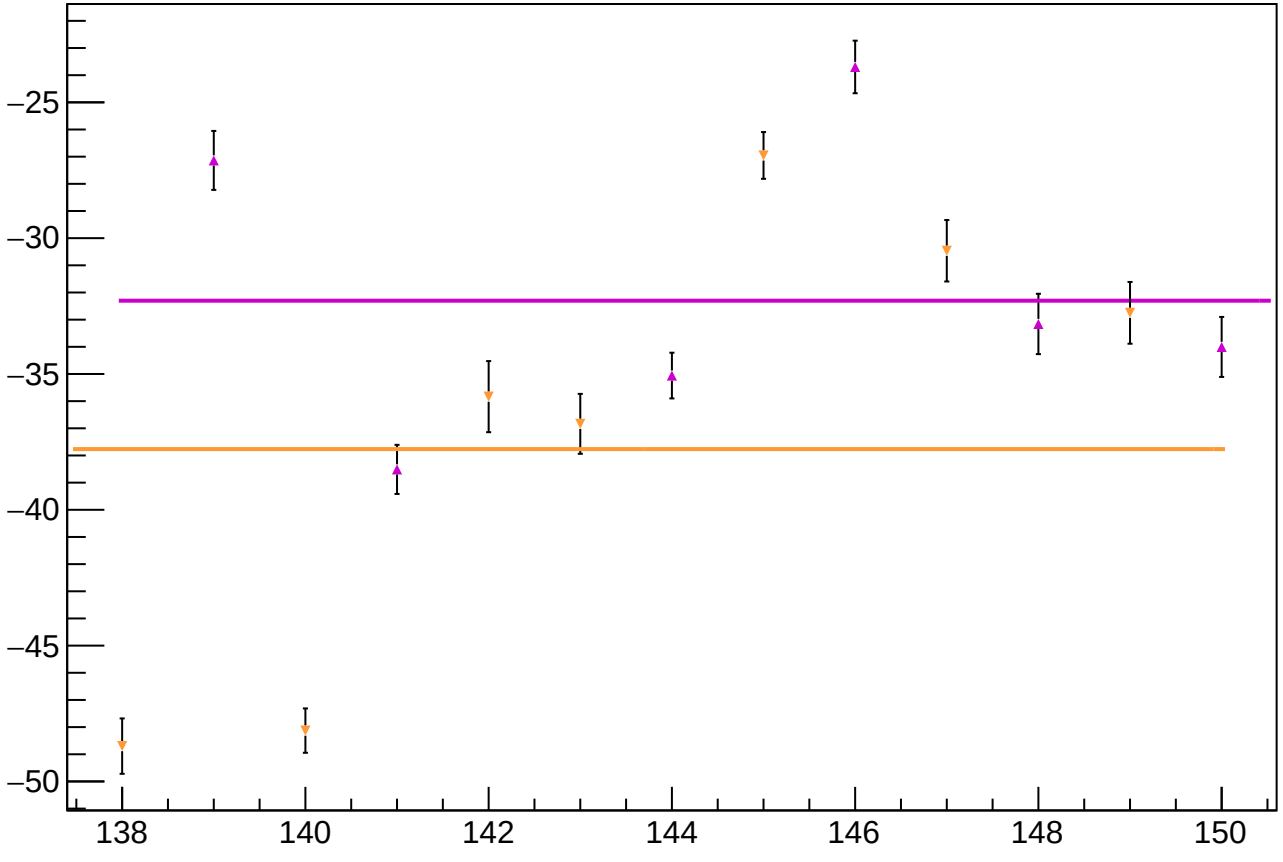
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: 0.010+/-0.005 χ^2/NDF:1483.2/22

Out: -0.015+/-0.005 χ^2/NDF:3471.2/25

All: -0.002+/-0.004 χ^2/NDF: 4966.9/48

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: -37.765+/-0.384 χ^2/NDF:498.0/6

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

Left In: -32.302+/-0.402 χ^2/NDF:162.7/5

Left: -35.158+/-0.278 χ^2/NDF: 757.1/12

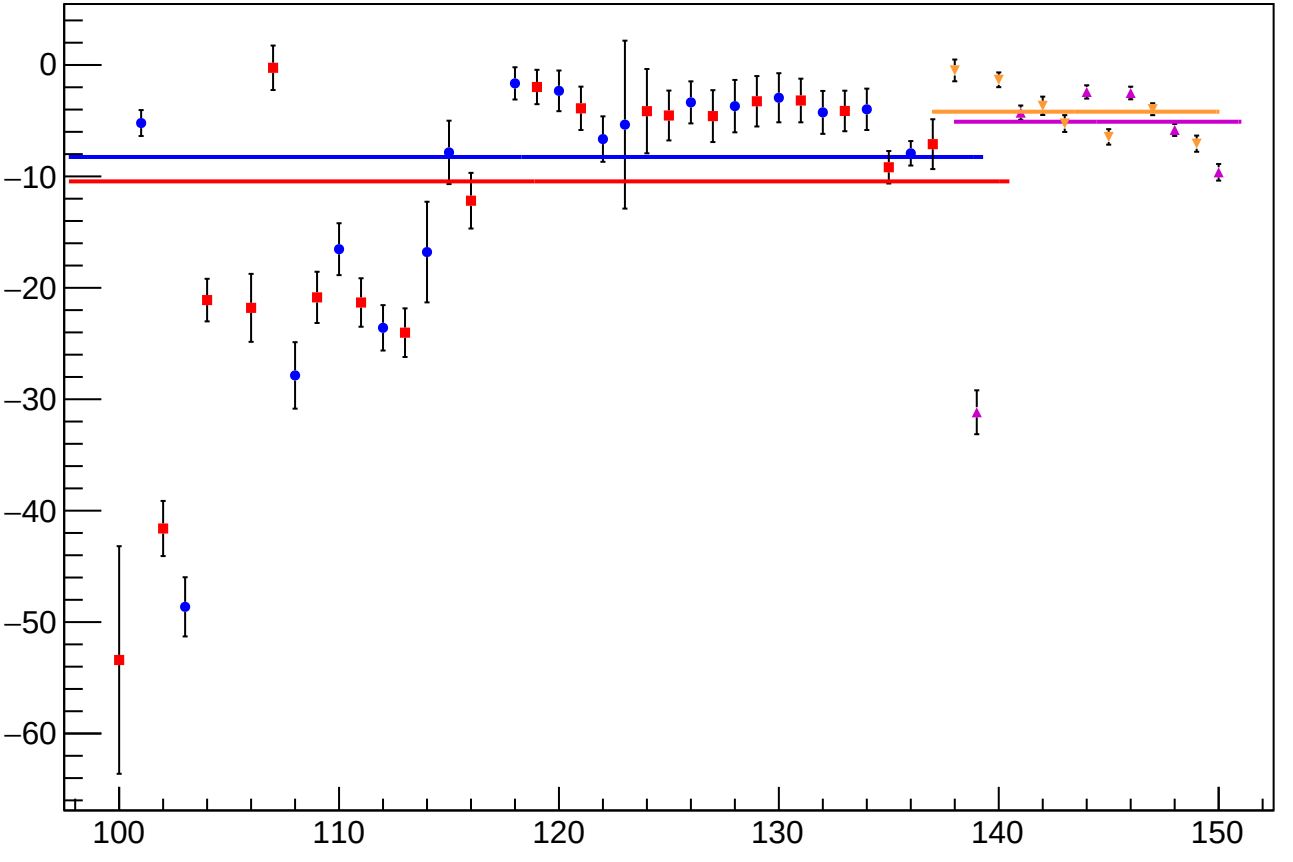
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.302+/-0.402 χ^2/NDF:162.7/5

Out: -37.765+/-0.384 χ^2/NDF:498.0/6

All: -35.158+/-0.278 χ^2/NDF: 757.1/12

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: -4.192+/-0.267 χ^2/NDF:61.8/6

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -5.093+/-0.269 χ^2/NDF:256.5/5

Left: -4.639+/-0.190 χ^2/NDF: 323.9/12

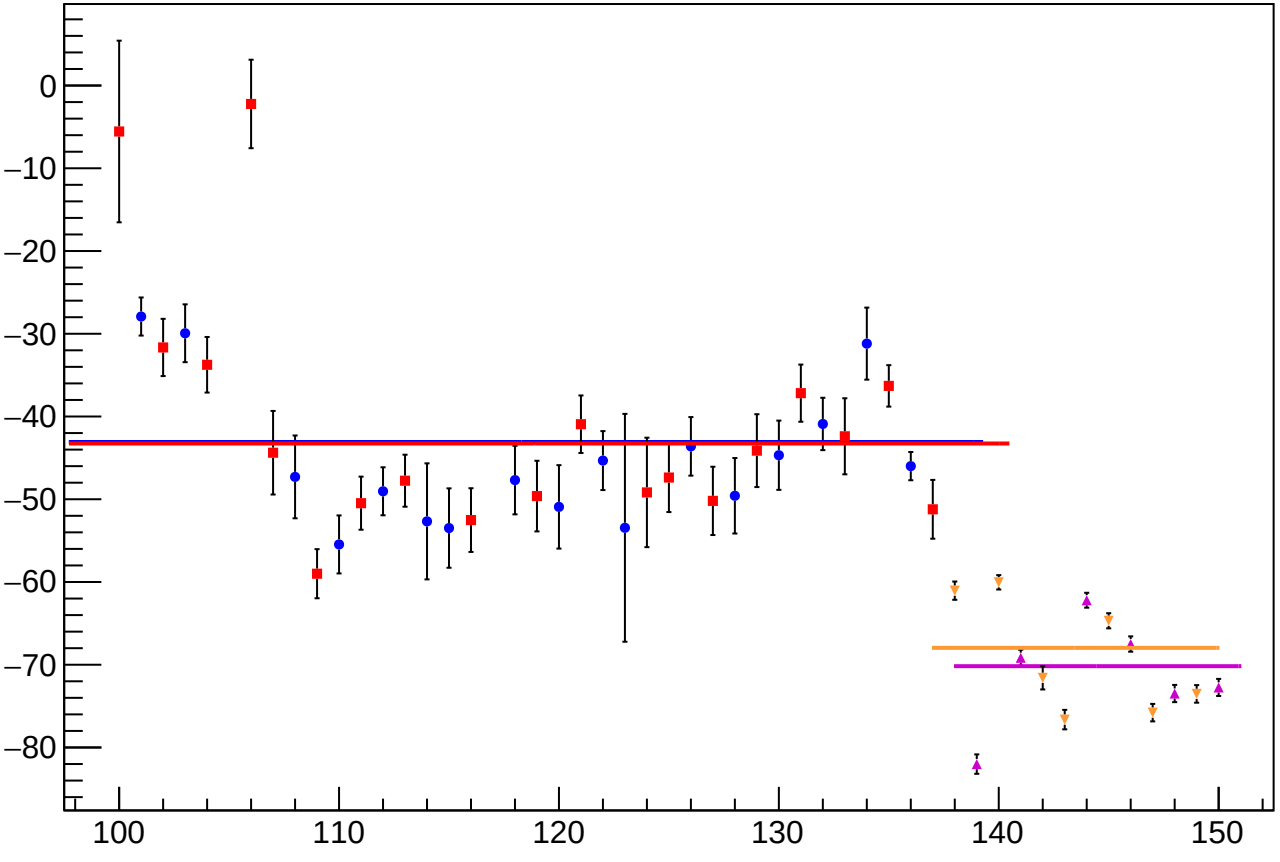
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -5.893+/-0.232 χ^2/NDF:703.6/22

Out: -5.620+/-0.235 χ^2/NDF:615.4/25

All: -5.758+/-0.165 χ^2/NDF: 1319.6/48

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: -67.958+/-0.397 χ^2/NDF:278.3/6

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -70.174+/-0.406 χ^2/NDF:205.7/5

Left: -69.041+/-0.284 χ^2/NDF: 499.3/12

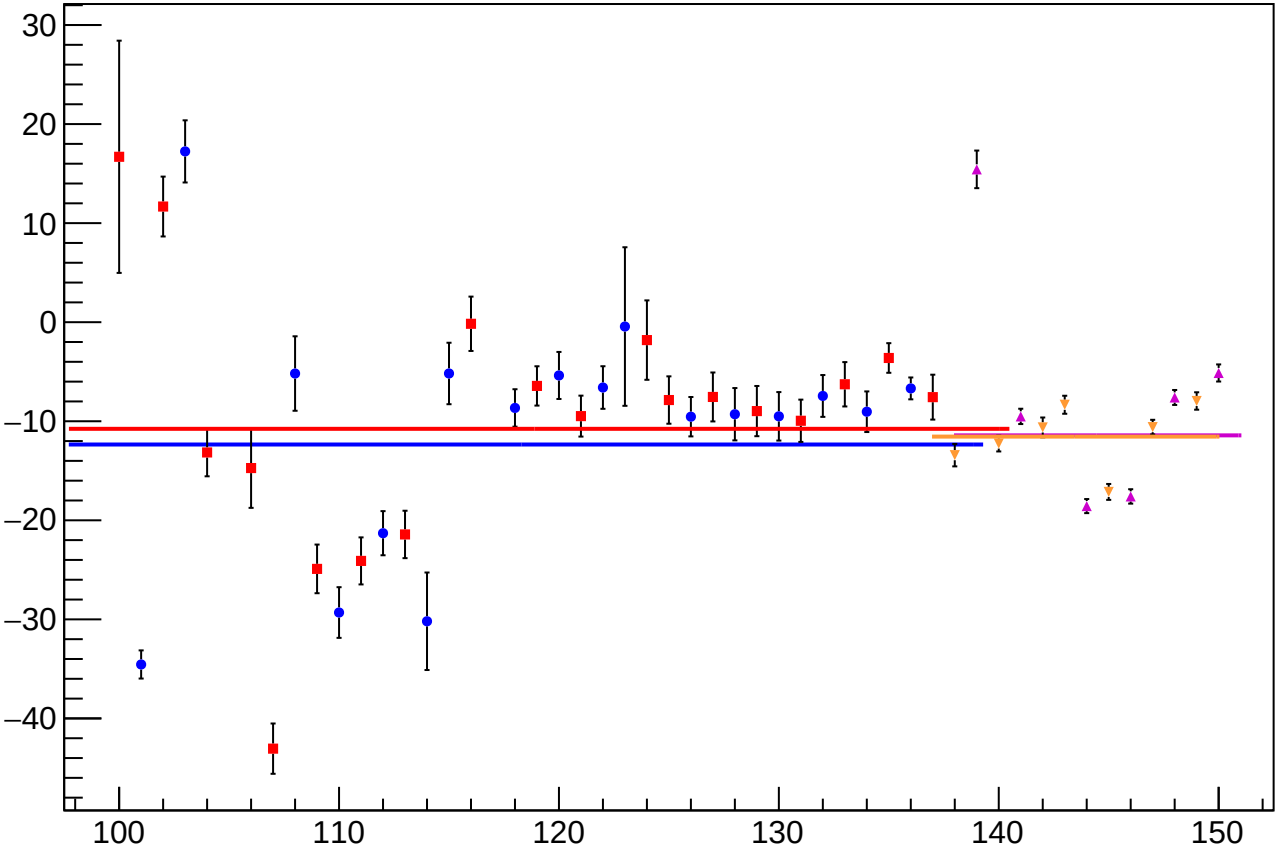
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -64.987+/-0.365 χ^2/NDF:1157.6/22

Out: -63.677+/-0.361 χ^2/NDF:1104.1/25

All: -64.324+/-0.257 χ^2/NDF: 2268.2/48

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: -11.550+/-0.329 χ^2/NDF:83.7/6

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -11.425+/-0.335 χ^2/NDF:458.0/5

Left: -11.488+/-0.235 χ^2/NDF: 541.7/12

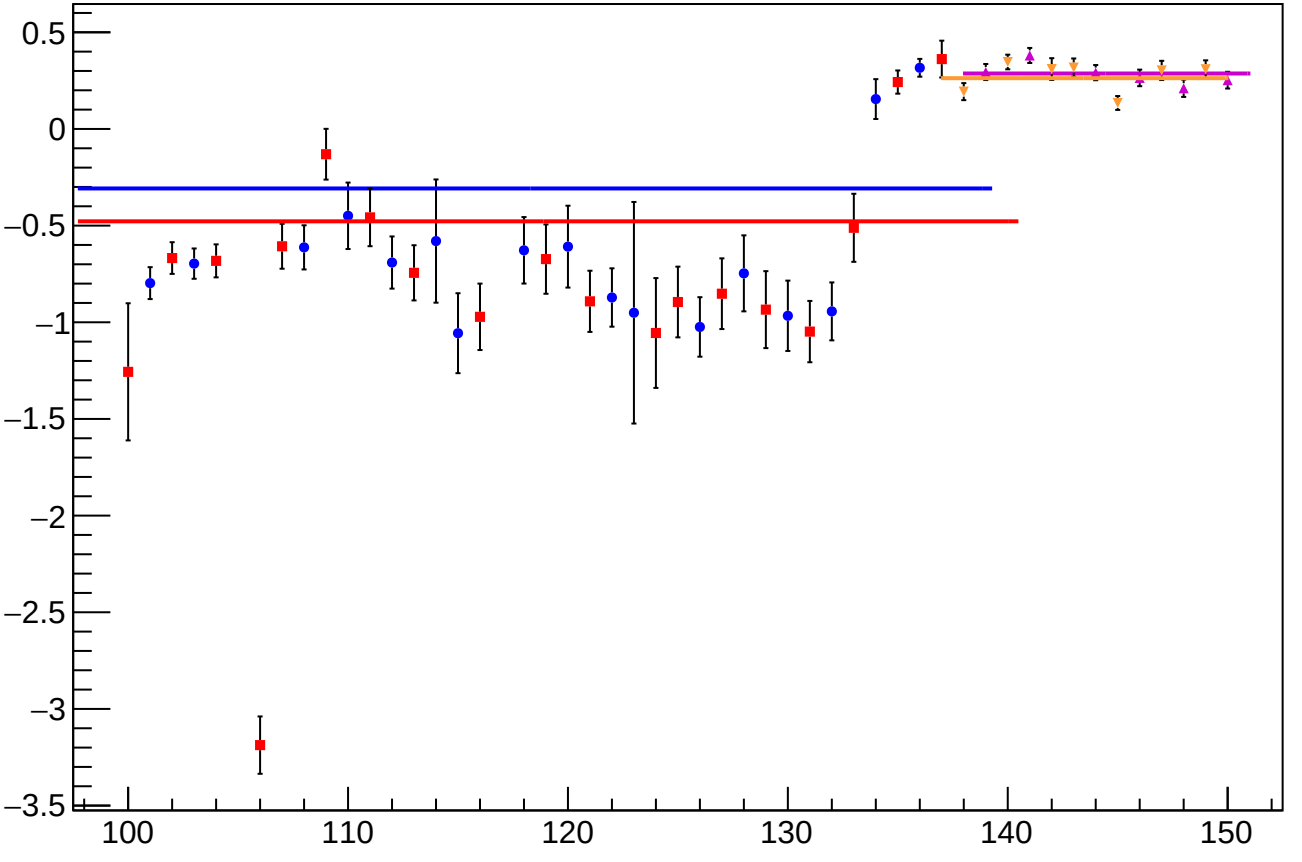
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -11.696+/-0.281 χ^2/NDF:936.2/22

Out: -11.344+/-0.283 χ^2/NDF:451.8/25

All: -11.521+/-0.200 χ^2/NDF: 1388.7/48

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: 0.263+/-0.017 χ^2/NDF:23.8/6

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.287+/-0.017 χ^2/NDF:9.6/5

Left: 0.274+/-0.012 χ^2/NDF: 34.5/12

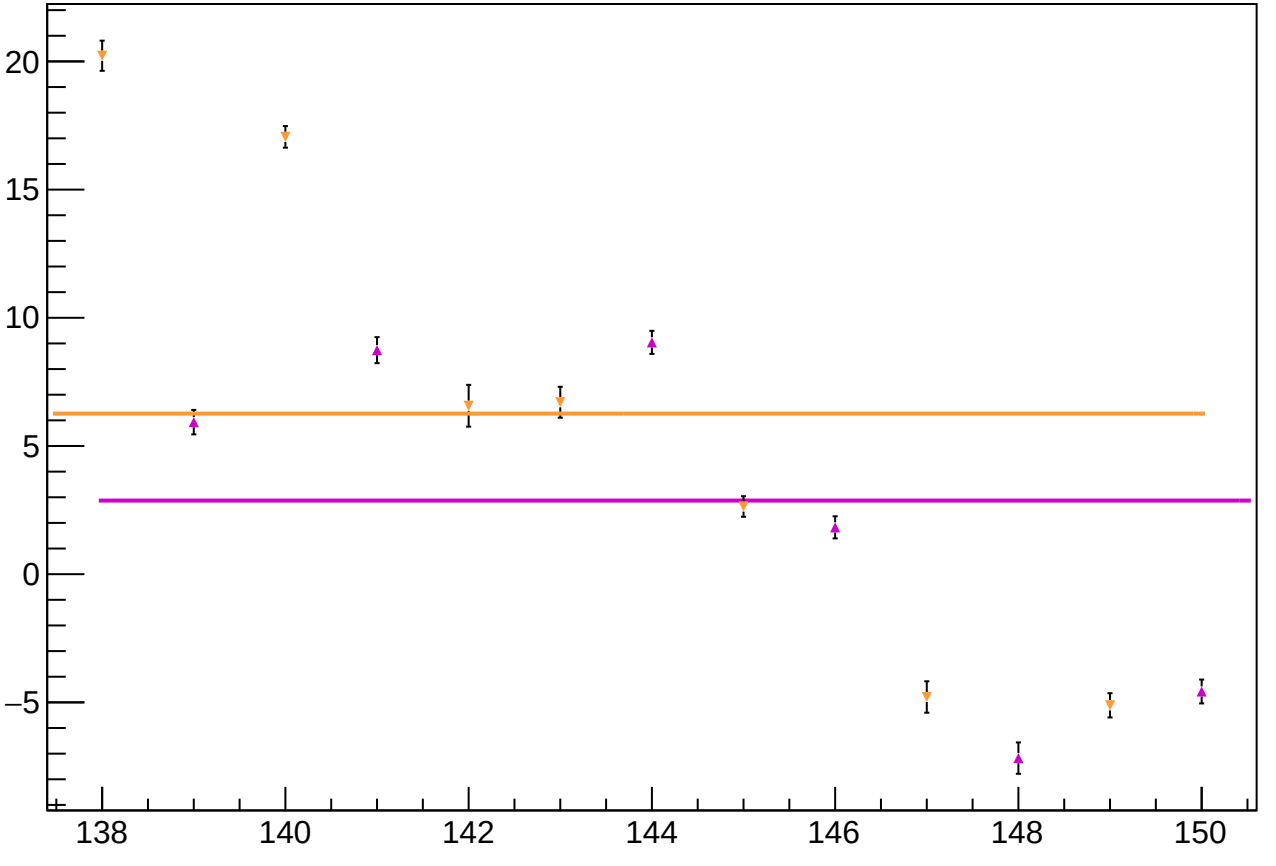
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.123+/-0.014 χ^2/NDF:720.4/22

Out: 0.075+/-0.014 χ^2/NDF:1158.1/25

All: 0.099+/-0.010 χ^2/NDF: 1883.9/48

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: 6.263+/-0.196 χ^2/NDF:2202.7/6

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

Left In: 2.871+/-0.197 χ^2/NDF:893.8/5

Left: 4.574+/-0.139 χ^2/NDF: 3246.0/12

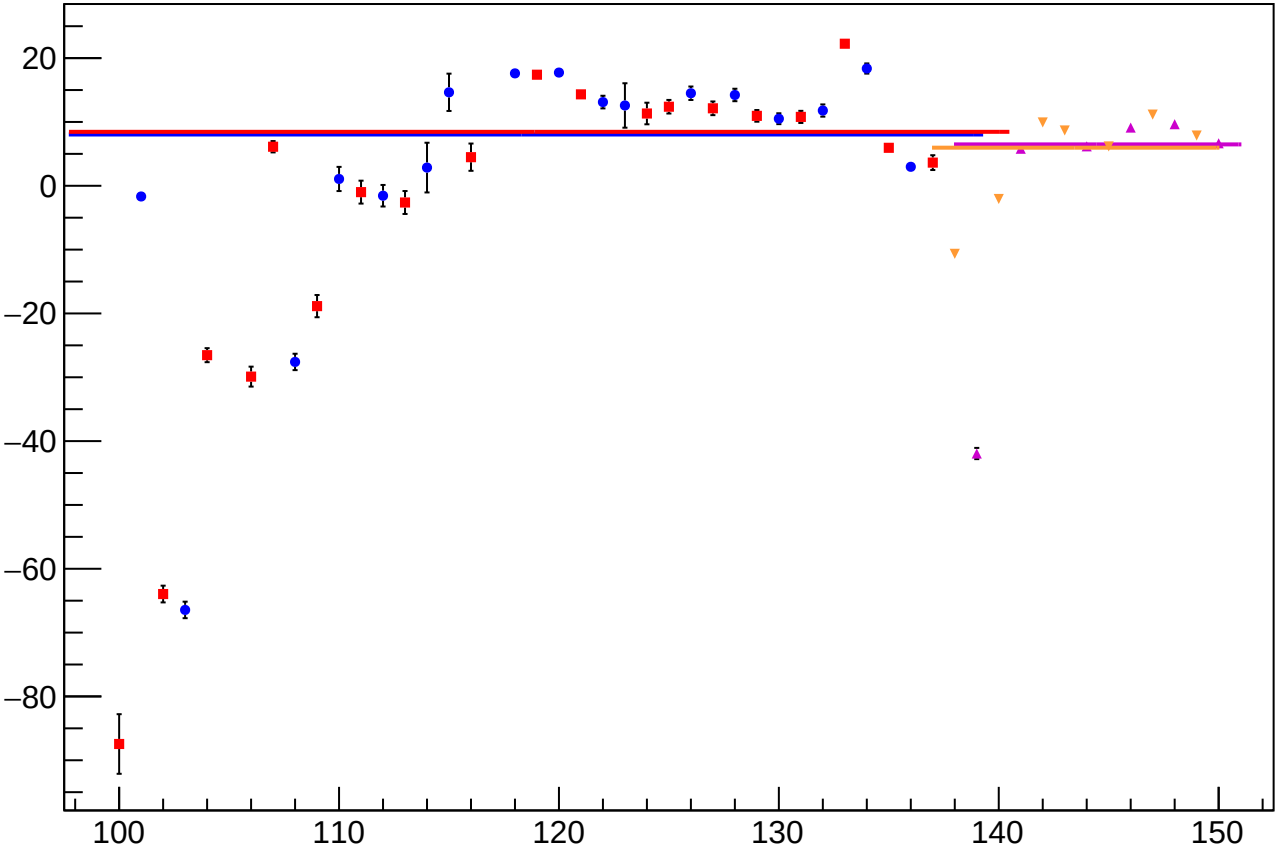
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.871+/-0.197 χ^2/NDF:893.8/5

Out: 6.263+/-0.196 χ^2/NDF:2202.7/6

All: 4.574+/-0.139 χ^2/NDF: 3246.0/12

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 5.969+/-0.139 χ^2/NDF:1755.0/6

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.484+/-0.138 χ^2/NDF:3236.1/5

Left: 6.228+/-0.098 χ^2/NDF: 4998.1/12

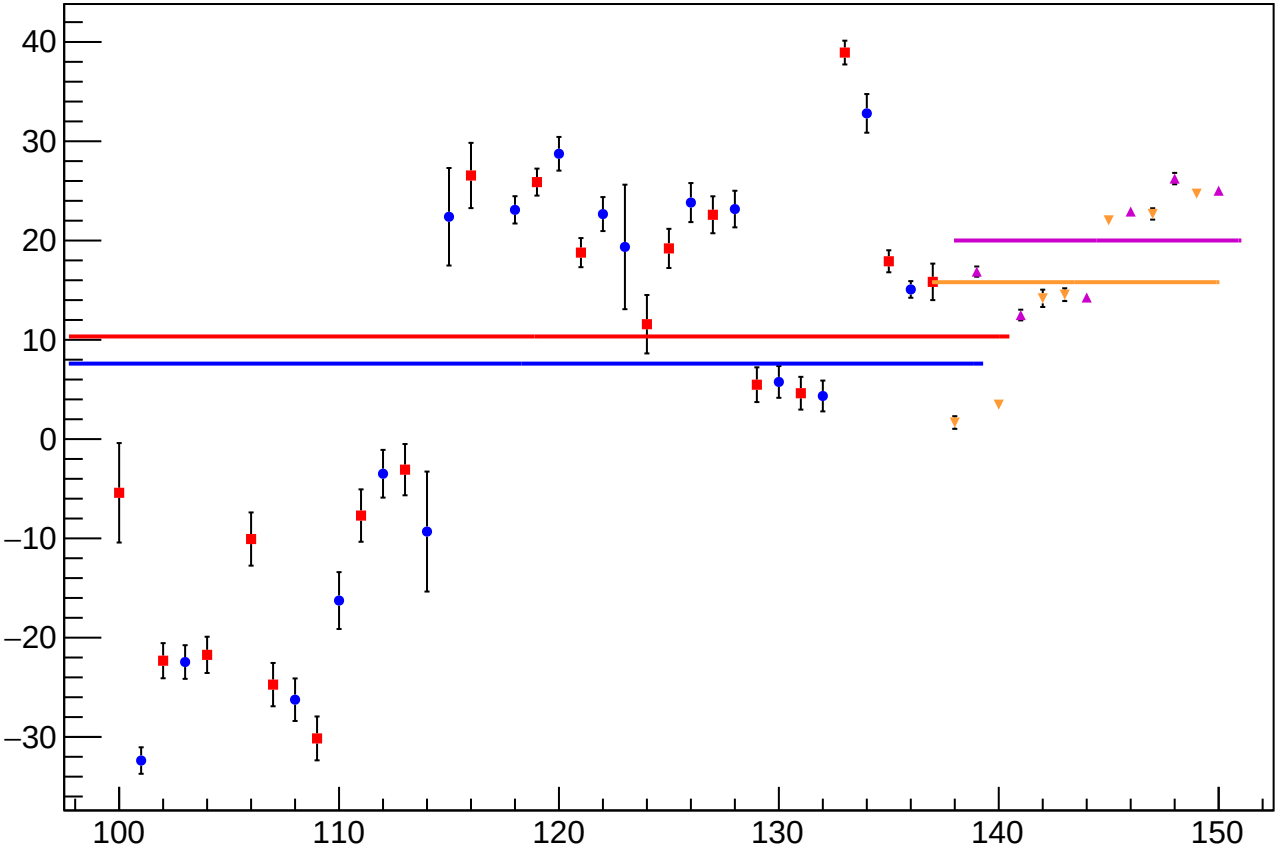
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.937+/-0.116 χ^2/NDF:8642.4/22

Out: 6.707+/-0.116 χ^2/NDF:8554.8/25

All: 6.822+/-0.082 χ^2/NDF: 17199.1/48

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: 15.805+/-0.201 χ^2/NDF:2016.3/6

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 20.006+/-0.198 χ^2/NDF:672.7/5

Left: 17.939+/-0.141 χ^2/NDF: 2911.6/12

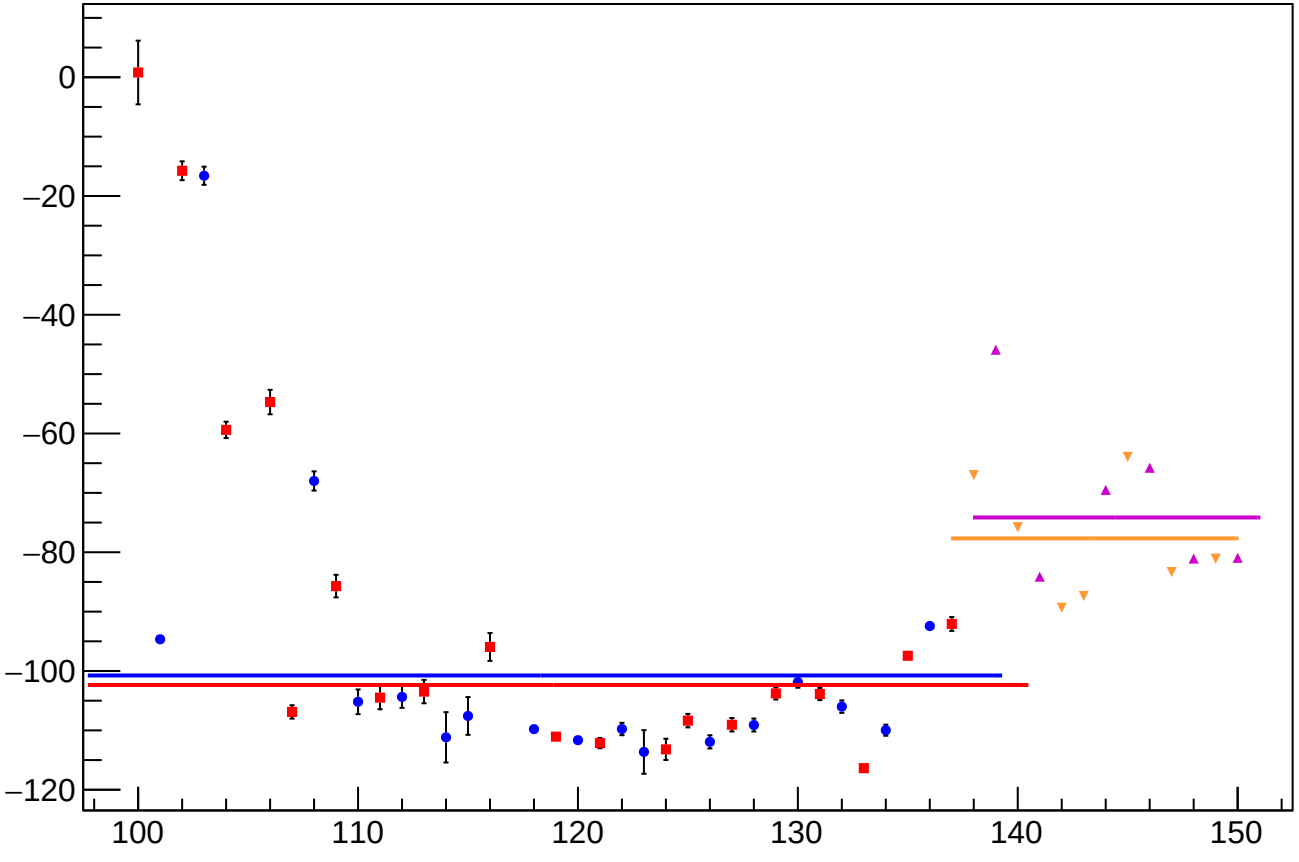
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 17.723+/-0.178 χ^2/NDF:3723.6/22

Out: 14.775+/-0.181 χ^2/NDF:4438.1/25

All: 16.268+/-0.127 χ^2/NDF: 8296.4/48

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -77.662+/-0.169 χ^2/NDF:2588.0/6

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -74.145+/-0.169 χ^2/NDF:2993.2/5

Left: -75.895+/-0.119 χ^2/NDF: 5797.9/12

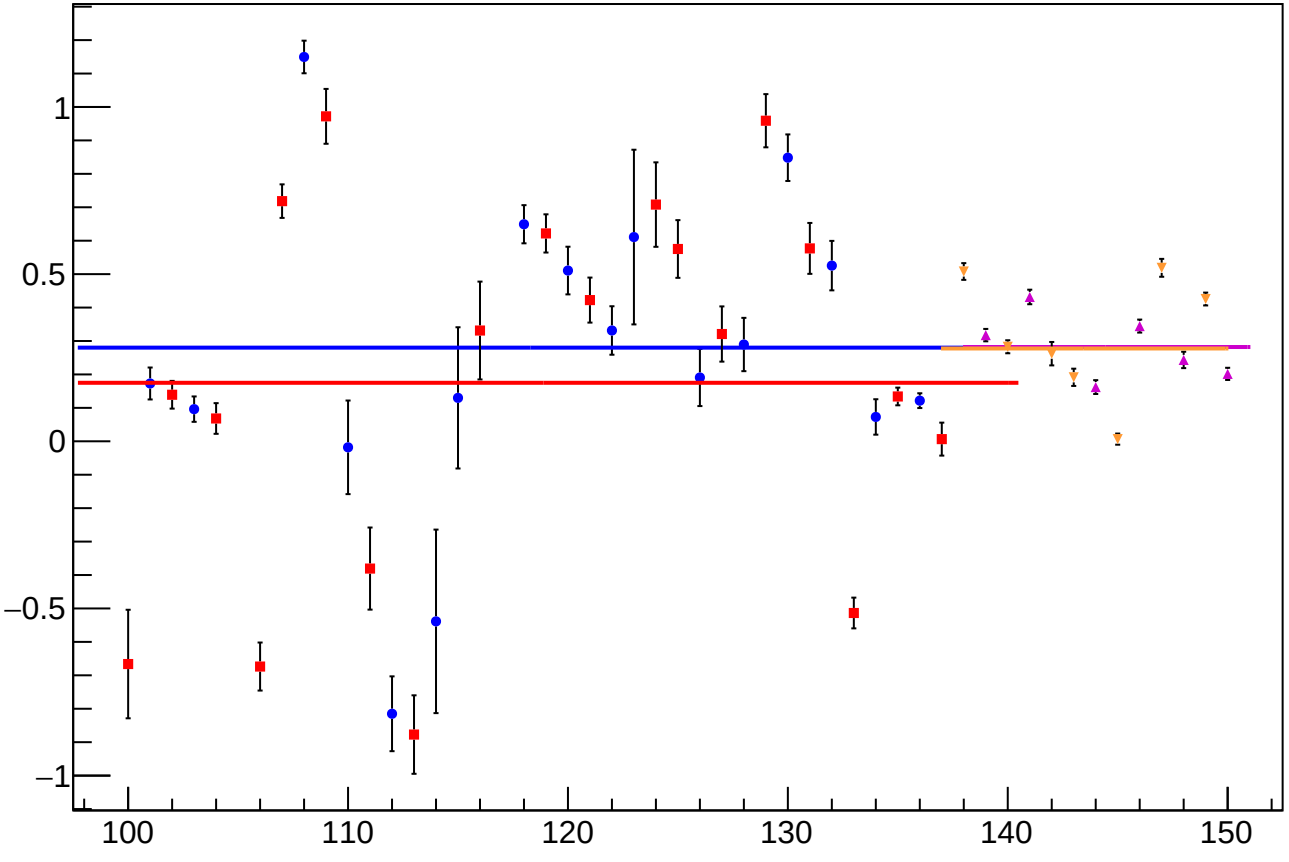
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -82.554+/-0.139 χ^2/NDF:15388.7/22

Out: -85.593+/-0.140 χ^2/NDF:15493.1/25

All: -84.072+/-0.099 χ^2/NDF: 31119.2/48

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: 0.278+/-0.008 χ^2/NDF:501.4/6

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.282+/-0.008 χ^2/NDF:116.8/5

Left: 0.280+/-0.006 χ^2/NDF: 618.4/12

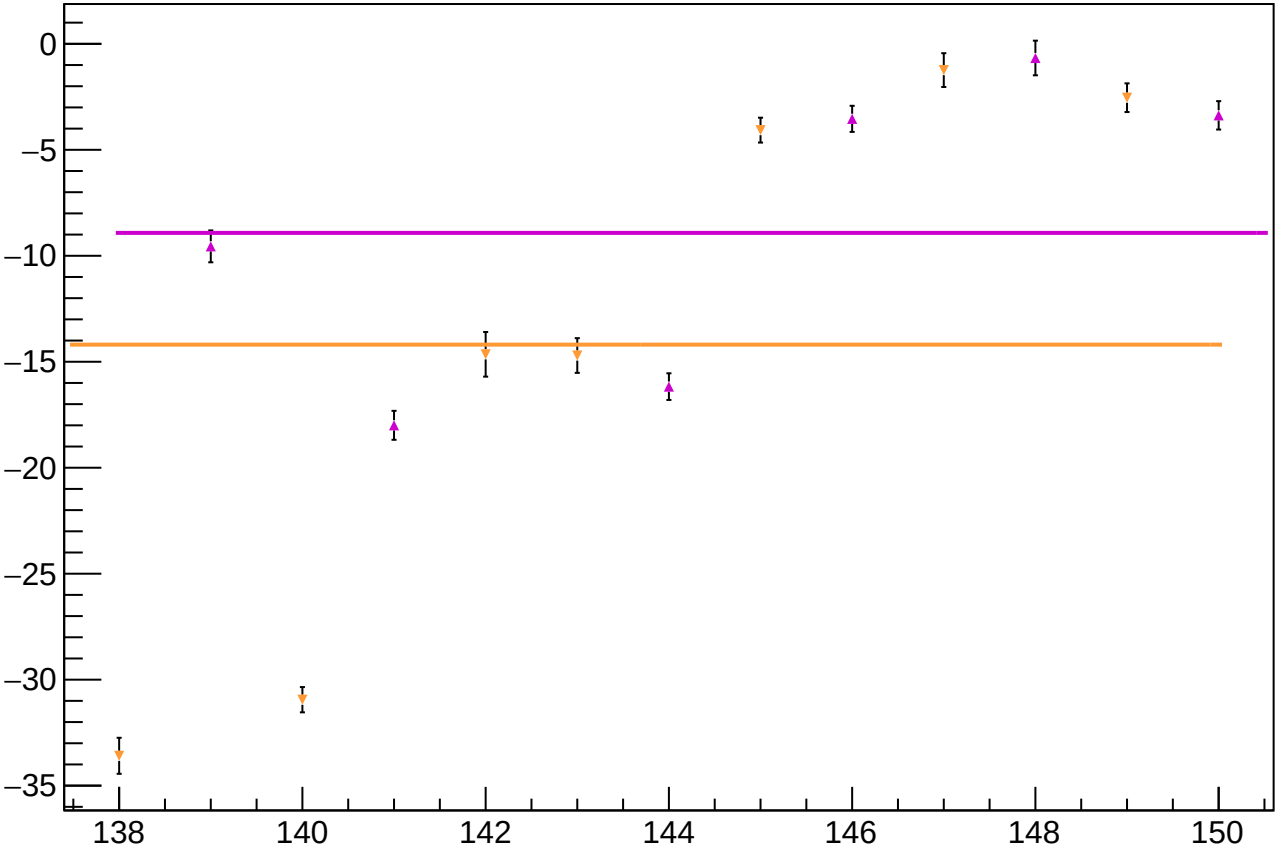
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.282+/-0.007 χ^2/NDF:772.8/22

Out: 0.249+/-0.007 χ^2/NDF:1510.1/25

All: 0.265+/-0.005 χ^2/NDF: 2293.5/48

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -14.192+/-0.275 χ^2/NDF:2170.3/6

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

Left In: -8.919+/-0.279 χ^2/NDF:557.4/5

Left: -11.601+/-0.196 χ^2/NDF: 2908.8/12

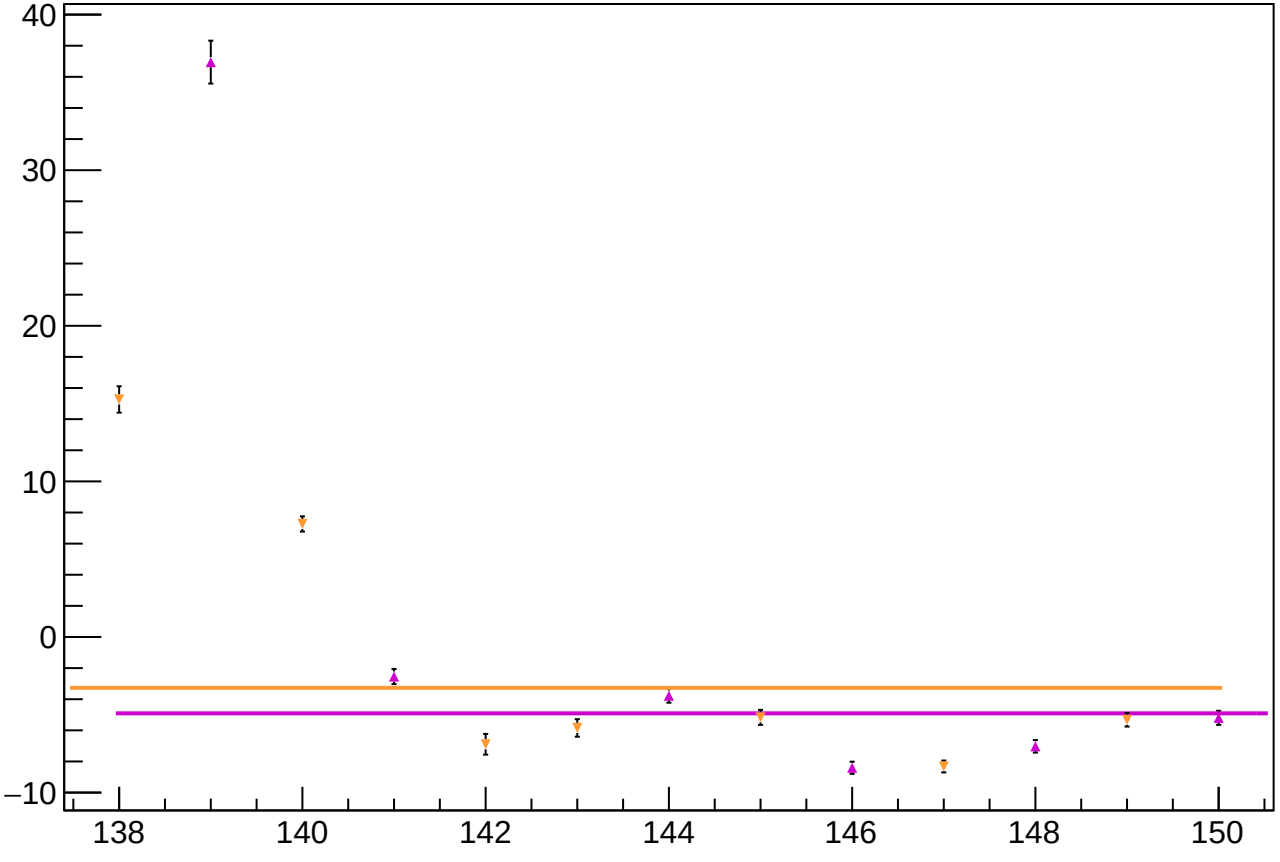
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.919+/-0.279 χ^2/NDF:557.4/5

Out: -14.192+/-0.275 χ^2/NDF:2170.3/6

All: -11.601+/-0.196 χ^2/NDF: 2908.8/12

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -3.269+/-0.191 χ^2/NDF:1206.8/6

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

Left In: -4.908+/-0.191 χ^2/NDF:1059.9/5

Left: -4.087+/-0.135 χ^2/NDF: 2303.4/12

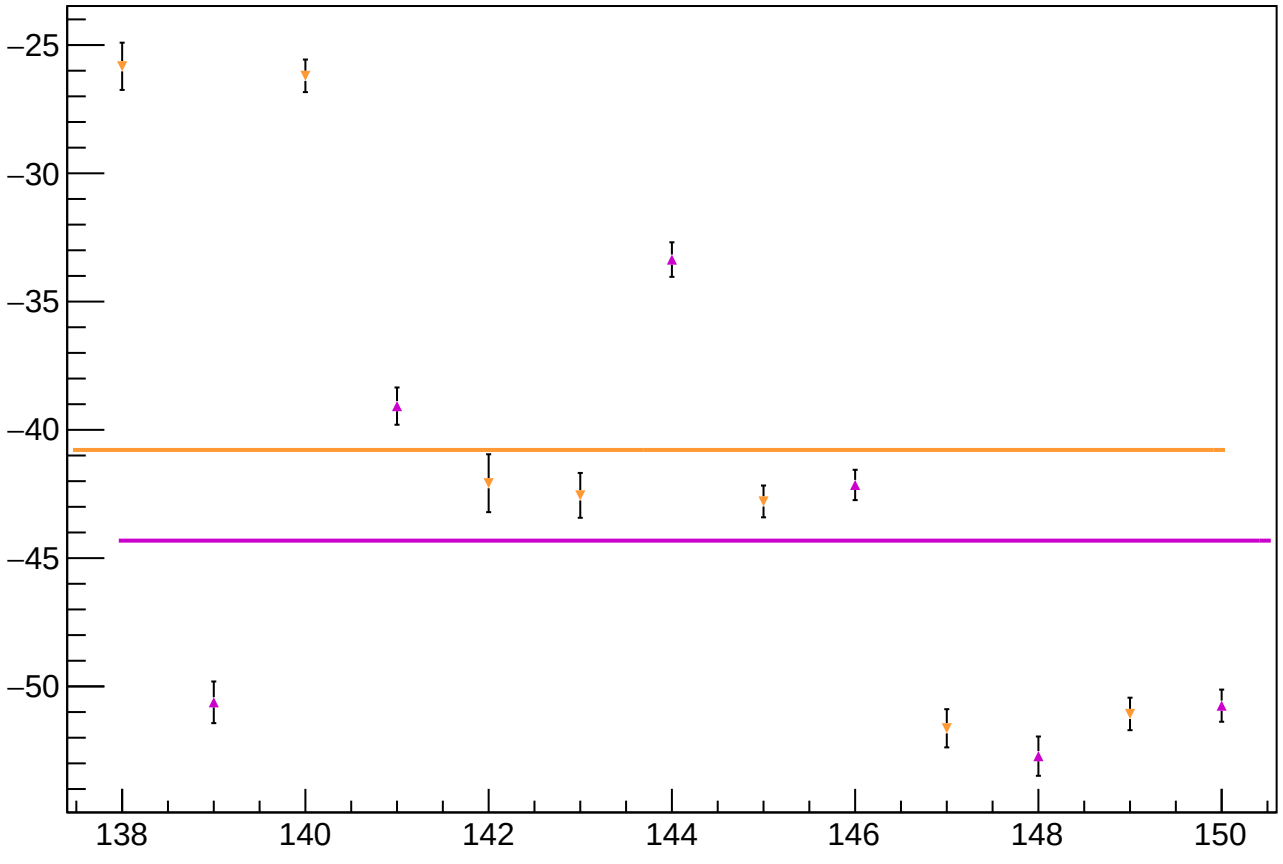
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.908+/-0.191 χ^2/NDF:1059.9/5

Out: -3.269+/-0.191 χ^2/NDF:1206.8/6

All: -4.087+/-0.135 χ^2/NDF: 2303.4/12

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: -40.783+/-0.281 χ^2/NDF:1283.9/6

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

Left In: -44.318+/-0.280 χ^2/NDF:615.8/5

Left: -42.555+/-0.198 χ^2/NDF: 1979.0/12

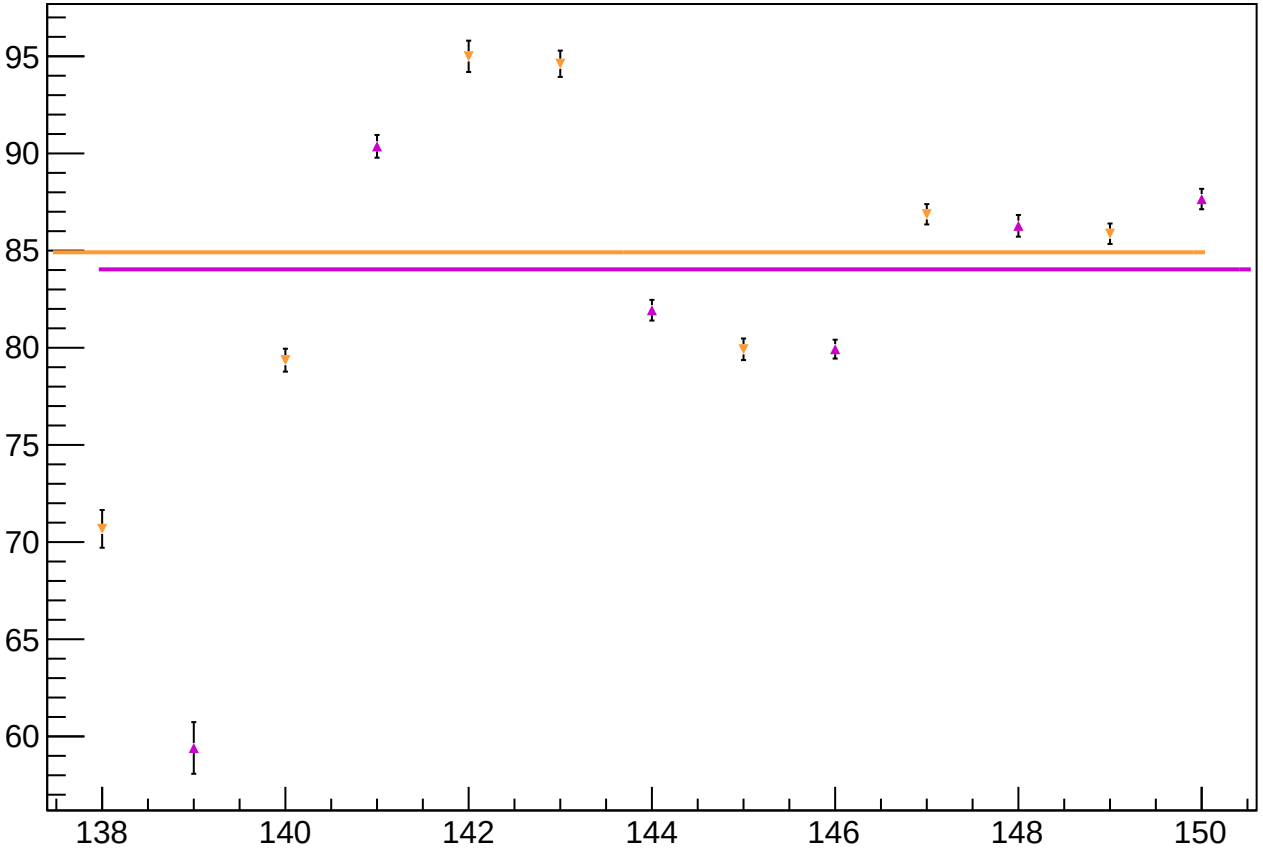
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.318+/-0.280 χ^2/NDF:615.8/5

Out: -40.783+/-0.281 χ^2/NDF:1283.9/6

All: -42.555+/-0.198 χ^2/NDF: 1979.0/12

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 84.914+/-0.235 χ^2/NDF:763.0/6

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

Left In: 84.034+/-0.235 χ^2/NDF:610.9/5

Left: 84.475+/-0.166 χ^2/NDF: 1380.9/12

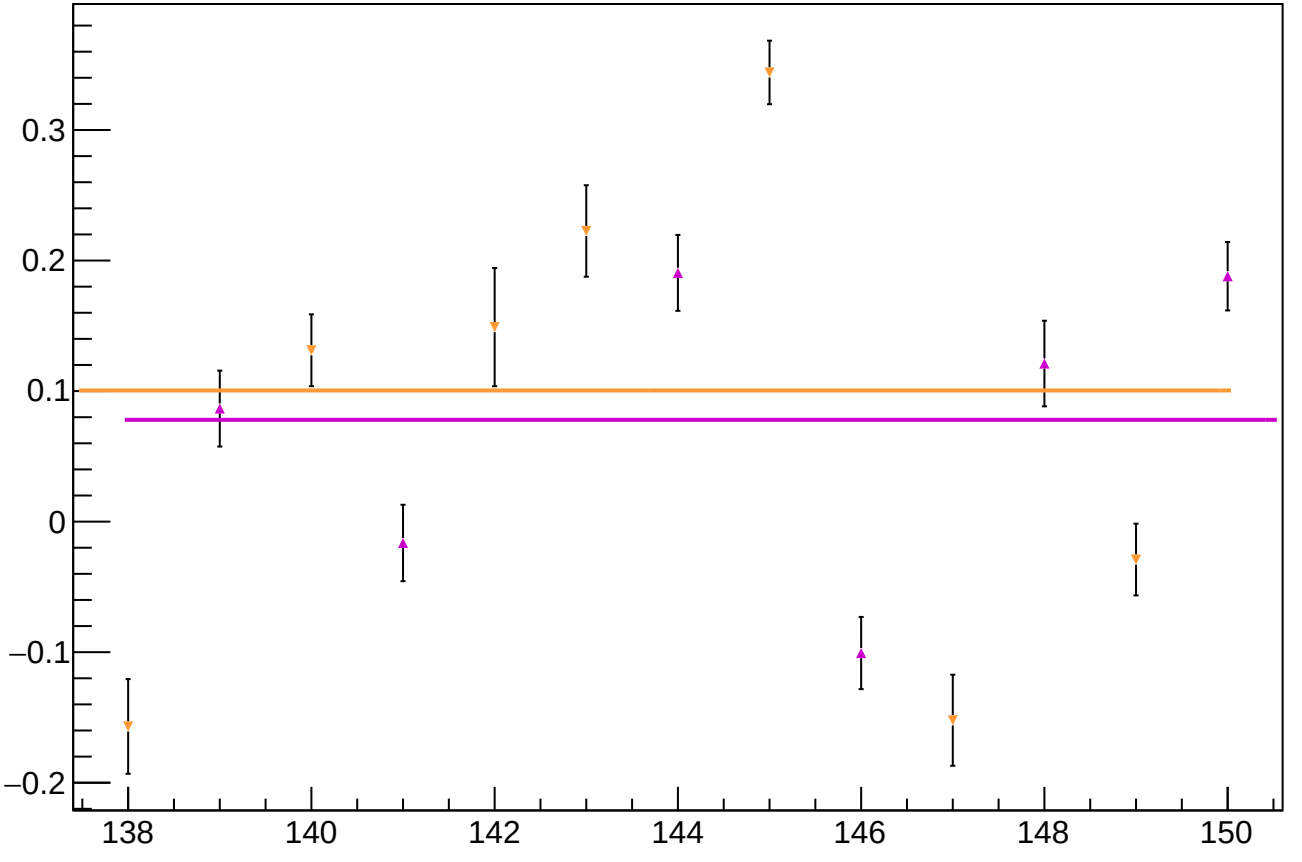
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 84.034+/-0.235 χ^2/NDF:610.9/5

Out: 84.914+/-0.235 χ^2/NDF:763.0/6

All: 84.475+/-0.166 χ^2/NDF: 1380.9/12

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: 0.100+/-0.012 χ^2/NDF:239.8/6

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

Left In: 0.078+/-0.012 χ^2/NDF:86.5/5

Left: 0.089+/-0.008 χ^2/NDF: 328.1/12

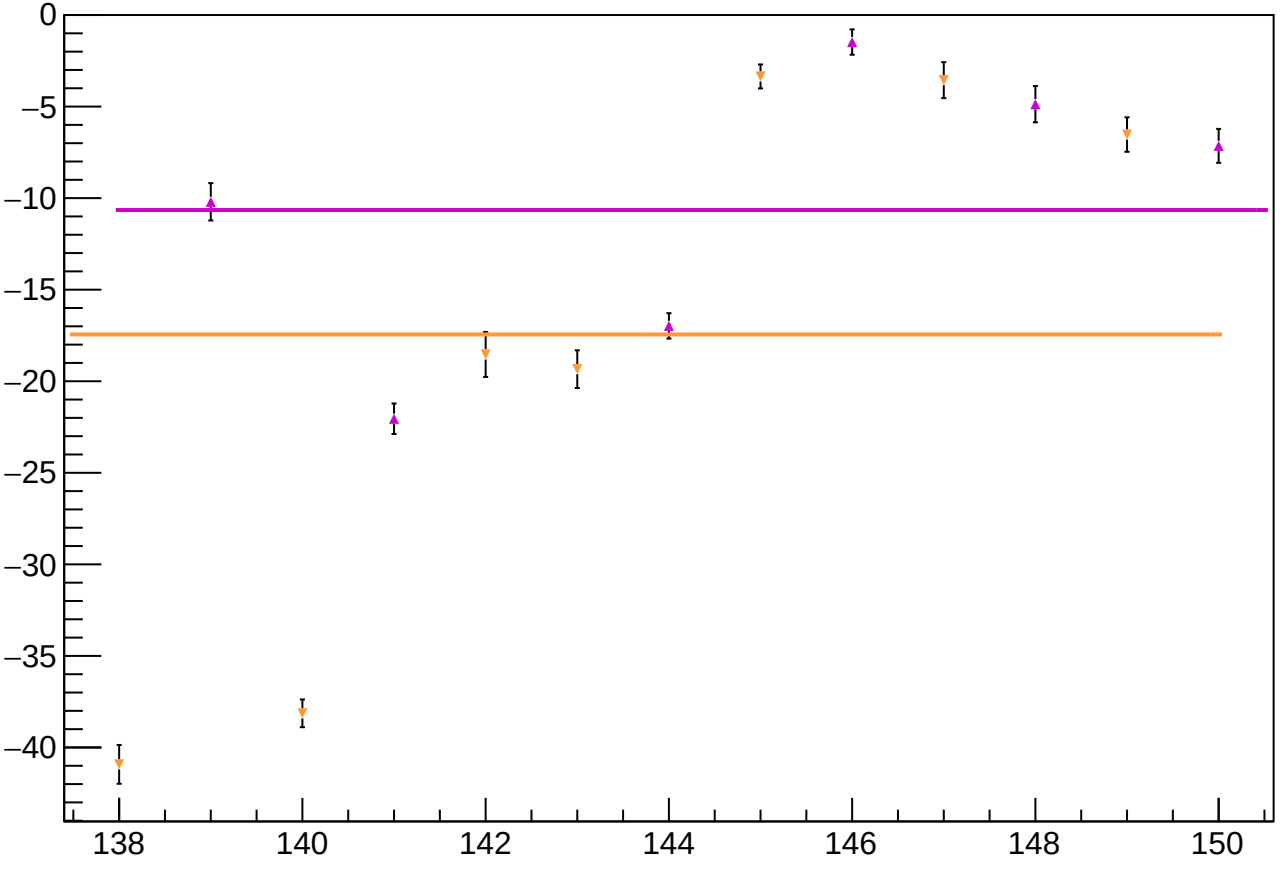
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.078+/-0.012 χ^2/NDF:86.5/5

Out: 0.100+/-0.012 χ^2/NDF:239.8/6

All: 0.089+/-0.008 χ^2/NDF: 328.1/12

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: -17.444+/-0.338 χ^2/NDF:2040.9/6

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

Left In: -10.650+/-0.338 χ^2/NDF:494.6/5

Left: -14.044+/-0.239 χ^2/NDF: 2737.4/12

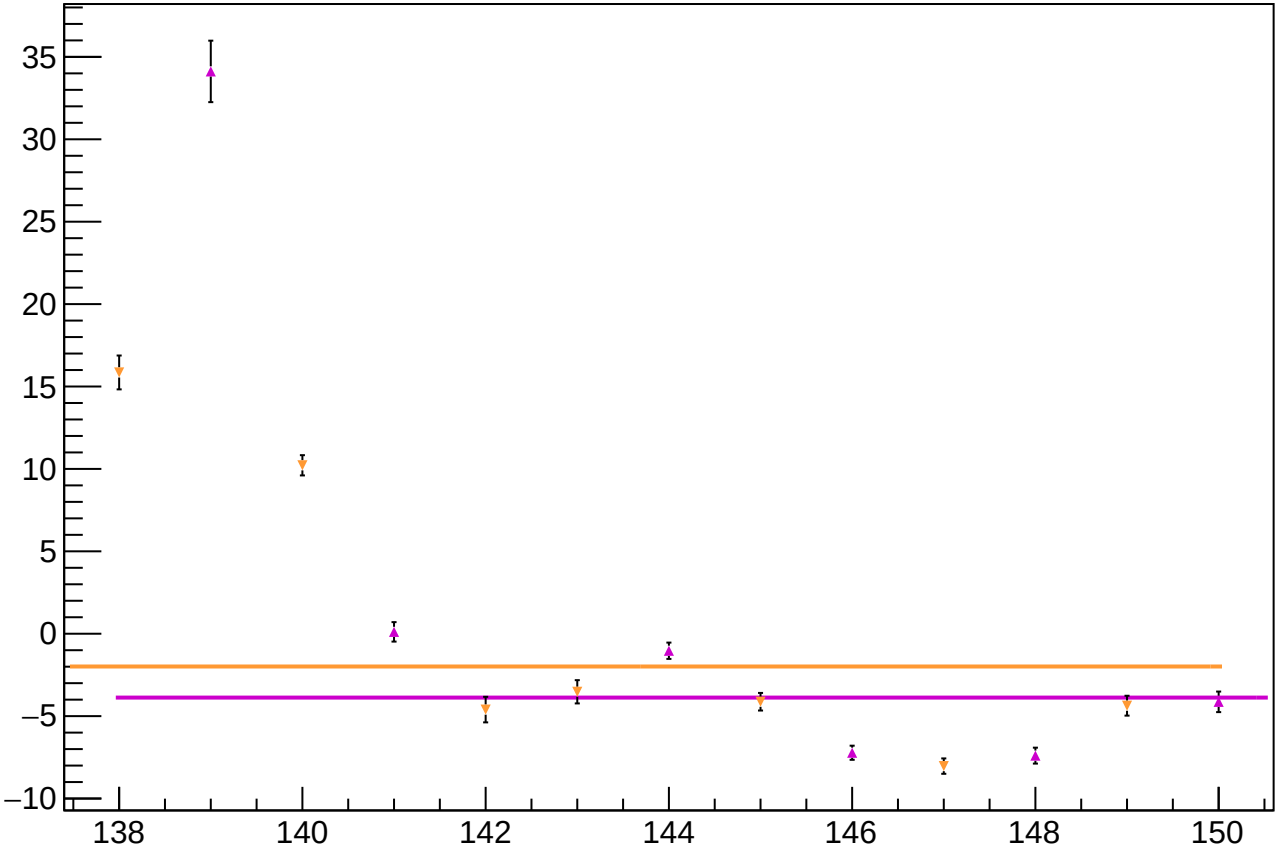
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.650+/-0.338 χ^2/NDF:494.6/5

Out: -17.444+/-0.338 χ^2/NDF:2040.9/6

All: -14.044+/-0.239 χ^2/NDF: 2737.4/12

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -1.989+/-0.235 χ^2/NDF:912.0/6

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

Left In: -3.875+/-0.226 χ^2/NDF:607.8/5

Left: -2.967+/-0.163 χ^2/NDF: 1553.3/12

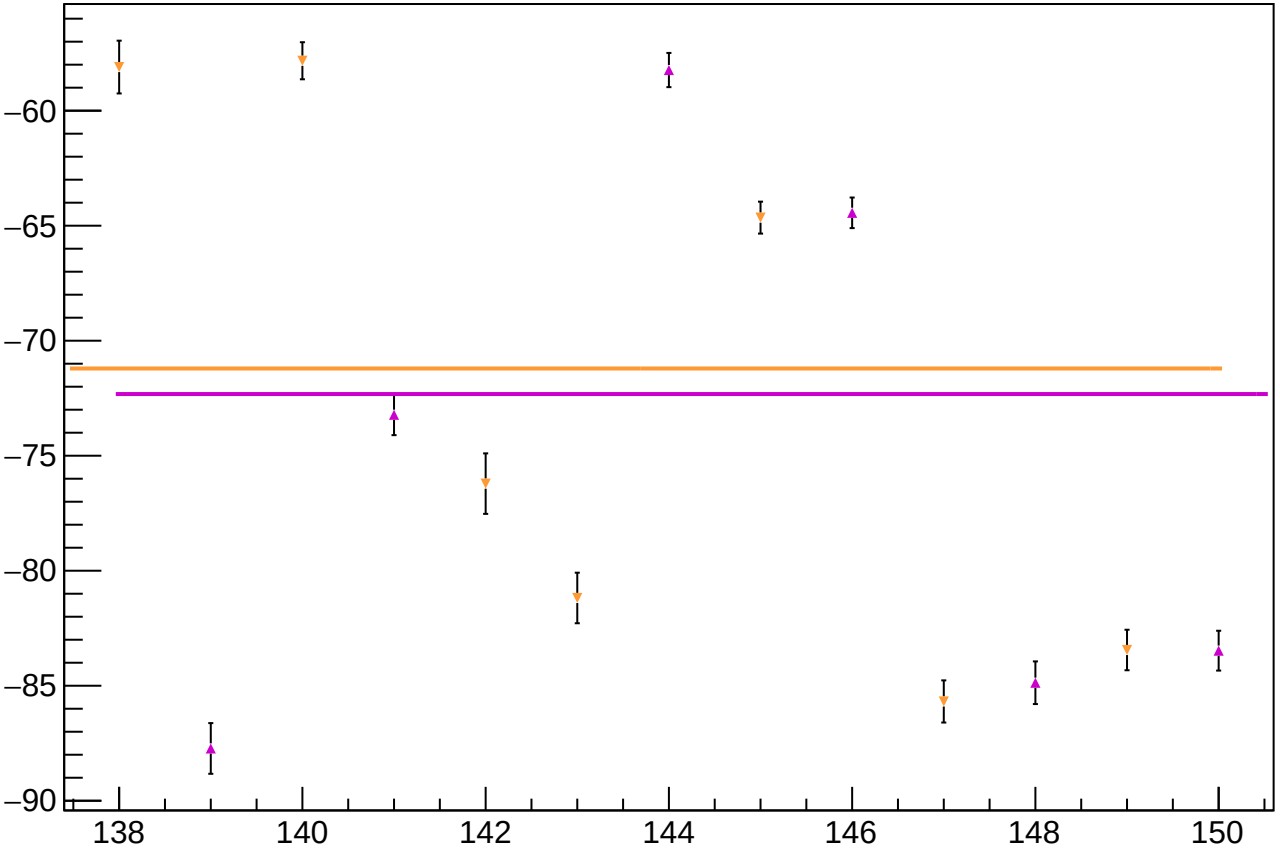
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.875+/-0.226 χ^2/NDF:607.8/5

Out: -1.989+/-0.235 χ^2/NDF:912.0/6

All: -2.967+/-0.163 χ^2/NDF: 1553.3/12

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: -71.208+/-0.348 χ^2/NDF:1034.8/6

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

Left In: -72.319+/-0.340 χ^2/NDF:1044.9/5

Left: -71.777+/-0.243 χ^2/NDF: 2084.9/12

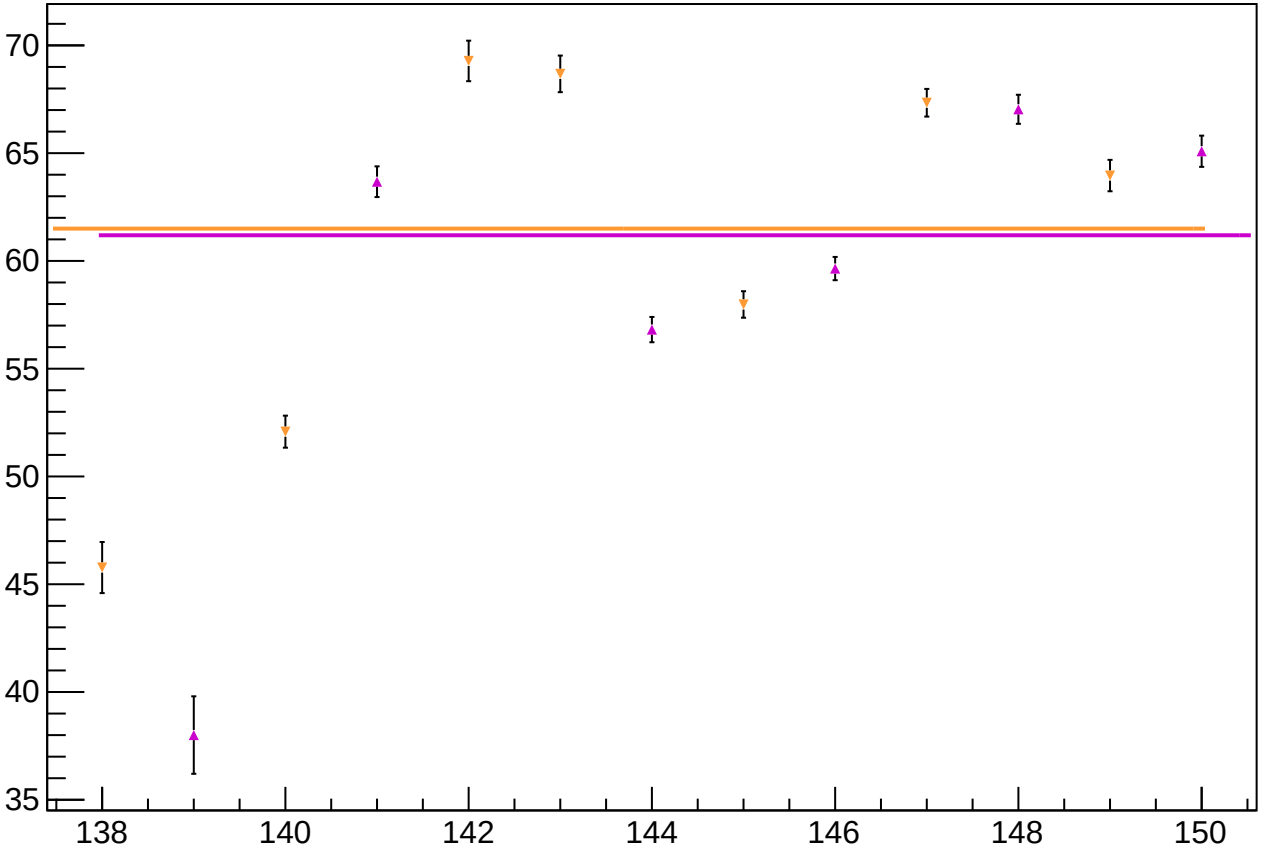
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -72.319+/-0.340 χ^2/NDF:1044.9/5

Out: -71.208+/-0.348 χ^2/NDF:1034.8/6

All: -71.777+/-0.243 χ^2/NDF: 2084.9/12

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: 61.499+/-0.289 χ^2/NDF:603.5/6

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

Left In: 61.190+/-0.280 χ^2/NDF:346.6/5

Left: 61.340+/-0.201 χ^2/NDF: 950.7/12

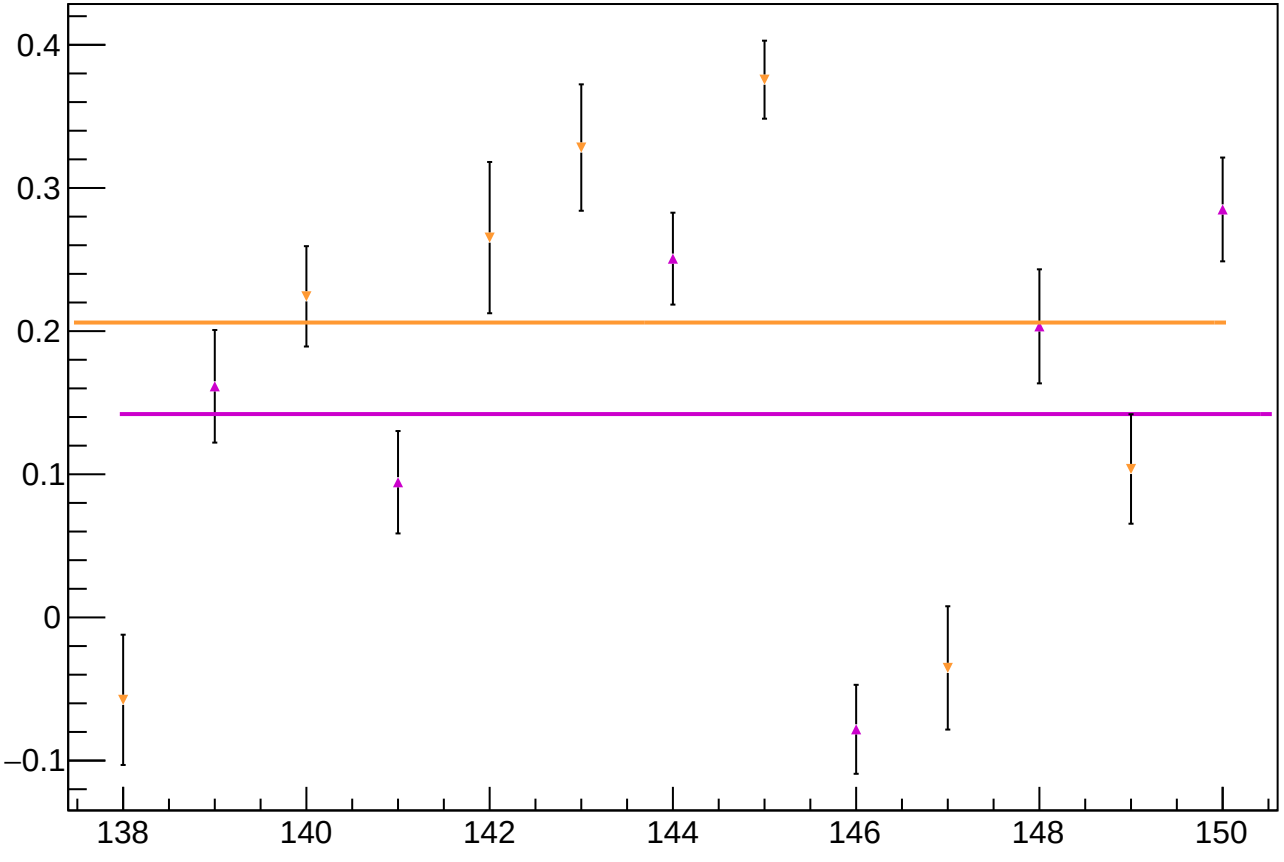
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.190+/-0.280 χ^2/NDF:346.6/5

Out: 61.499+/-0.289 χ^2/NDF:603.5/6

All: 61.340+/-0.201 χ^2/NDF: 950.7/12

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: 0.206+/-0.015 χ^2/NDF:120.0/6

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

Left In: 0.142+/-0.014 χ^2/NDF:81.6/5

Left: 0.174+/-0.010 χ^2/NDF: 211.4/12

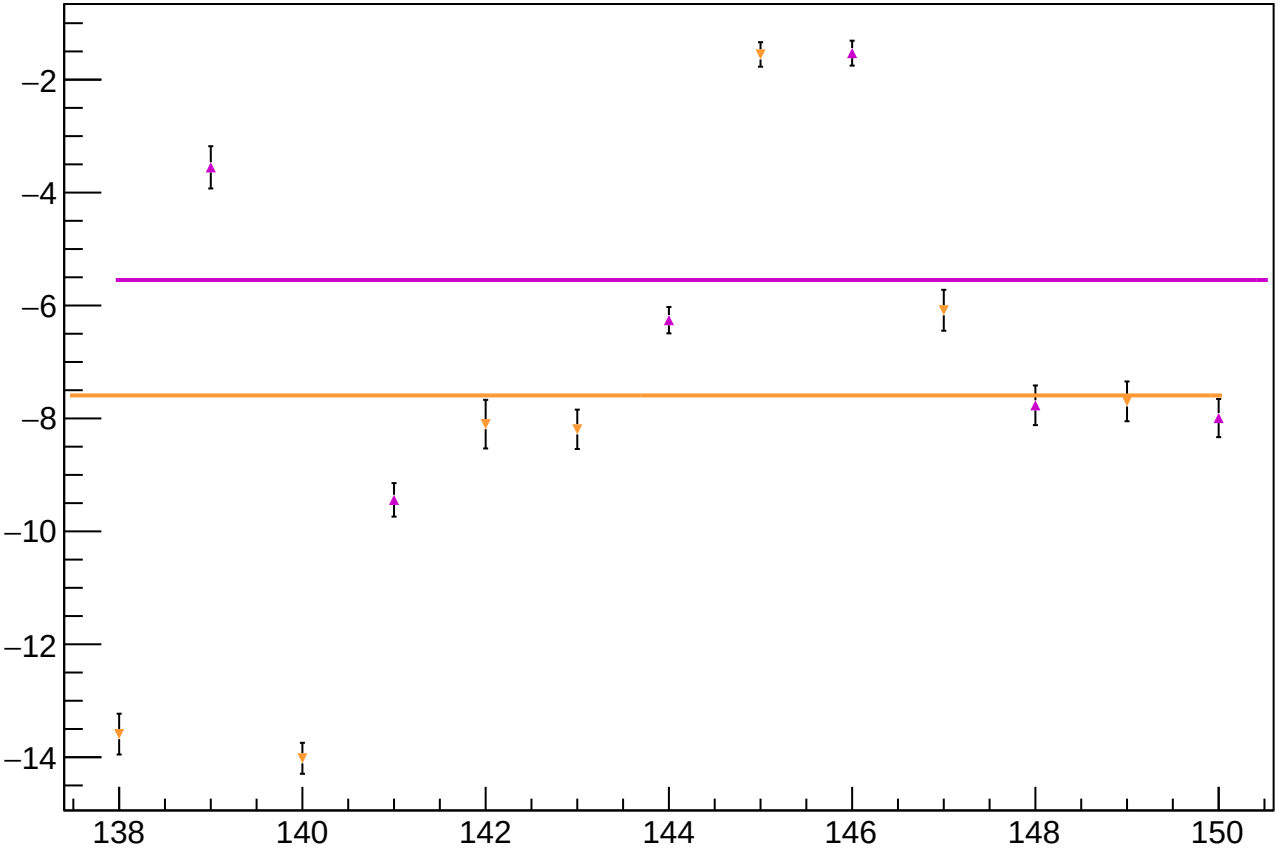
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.142+/-0.014 χ^2/NDF:81.6/5

Out: 0.206+/-0.015 χ^2/NDF:120.0/6

All: 0.174+/-0.010 χ^2/NDF: 211.4/12

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: -7.592+/-0.118 χ^2/NDF:1619.0/6

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

Left In: -5.548+/-0.116 χ^2/NDF:632.8/5

Left: -6.551+/-0.083 χ^2/NDF: 2403.9/12

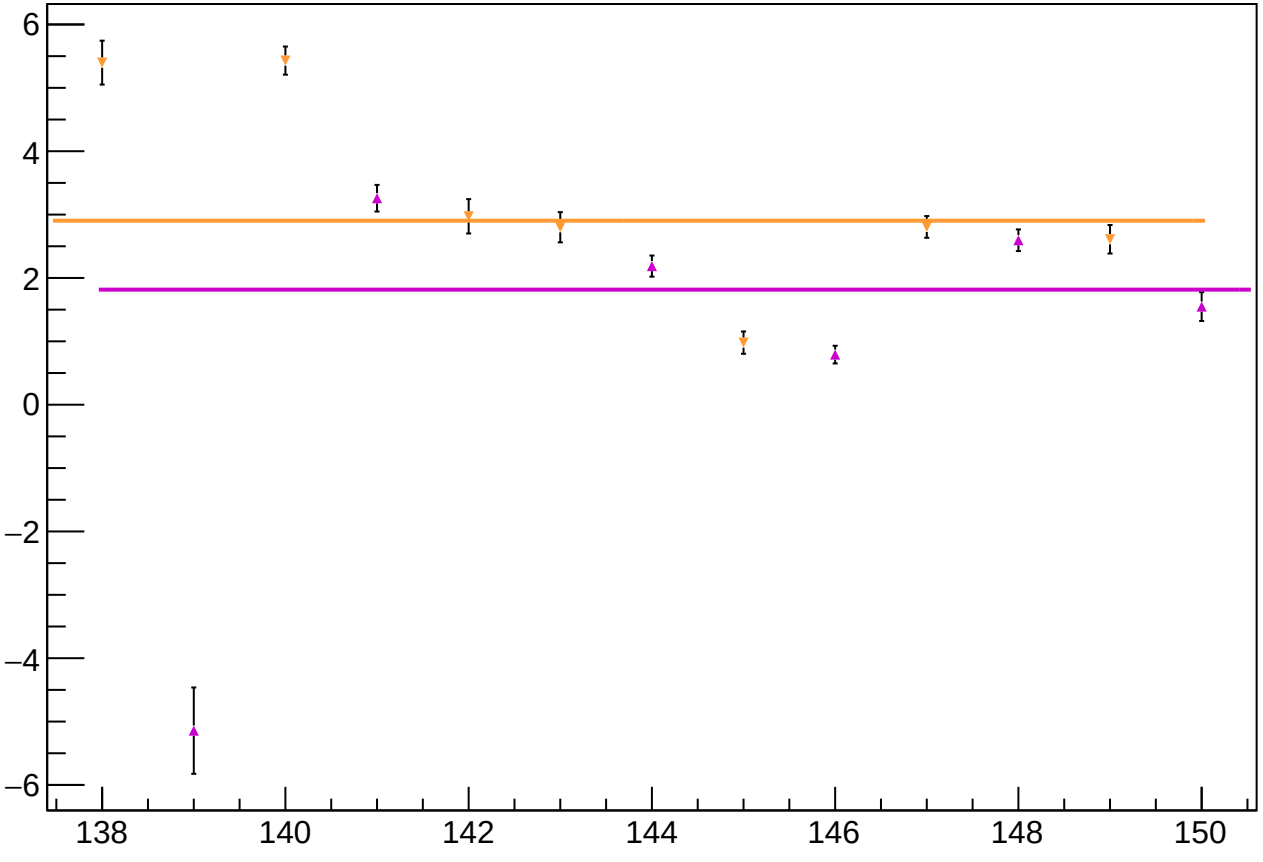
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.548+/-0.116 χ^2/NDF:632.8/5

Out: -7.592+/-0.118 χ^2/NDF:1619.0/6

All: -6.551+/-0.083 χ^2/NDF: 2403.9/12

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: 2.904+/-0.083 χ^2/NDF:302.3/6

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

Left In: 1.816+/-0.078 χ^2/NDF:232.6/5

Left: 2.325+/-0.057 χ^2/NDF: 626.7/12

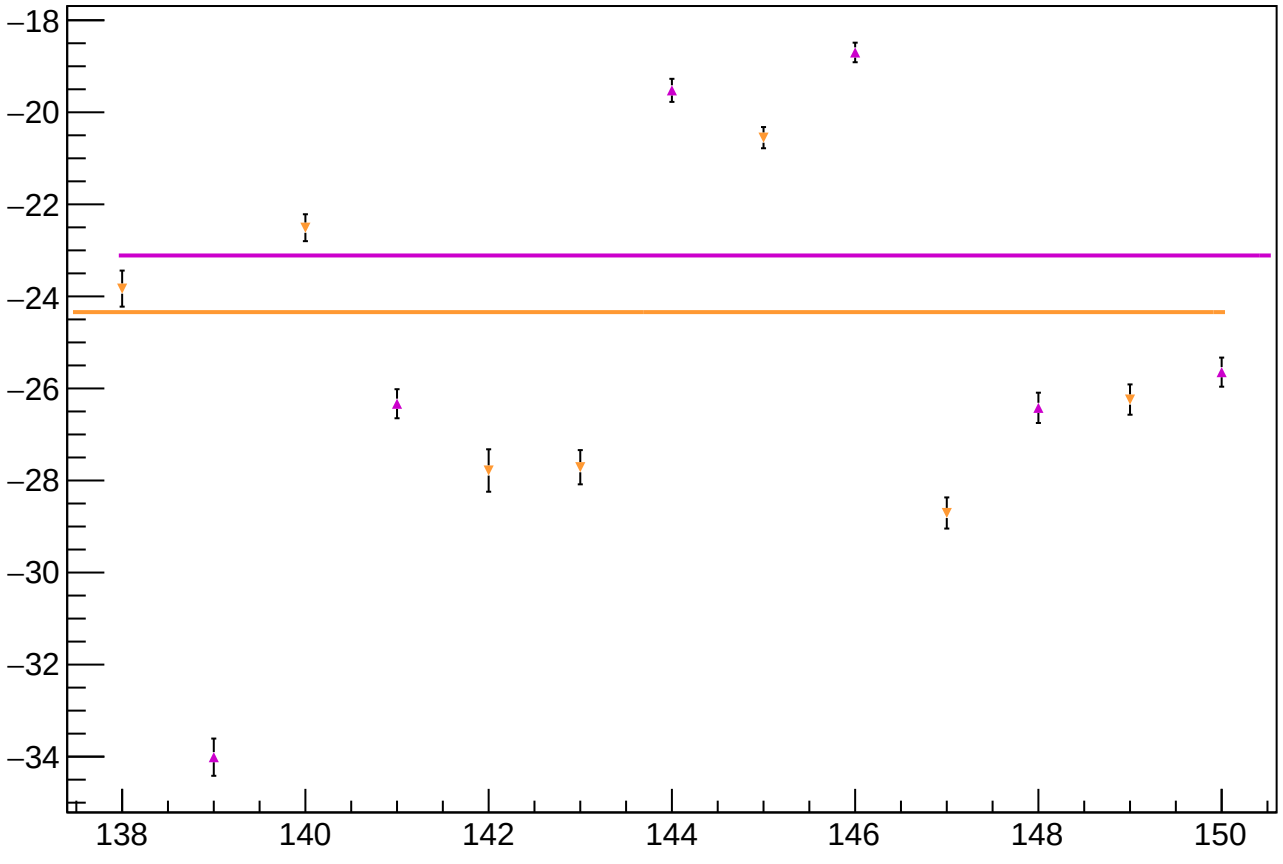
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.816+/-0.078 χ^2/NDF:232.6/5

Out: 2.904+/-0.083 χ^2/NDF:302.3/6

All: 2.325+/-0.057 χ^2/NDF: 626.7/12

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: -24.342+/-0.122 χ^2/NDF:649.4/6

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

Left In: -23.111+/-0.117 χ^2/NDF:1631.5/5

Left: -23.698+/-0.084 χ^2/NDF: 2333.9/12

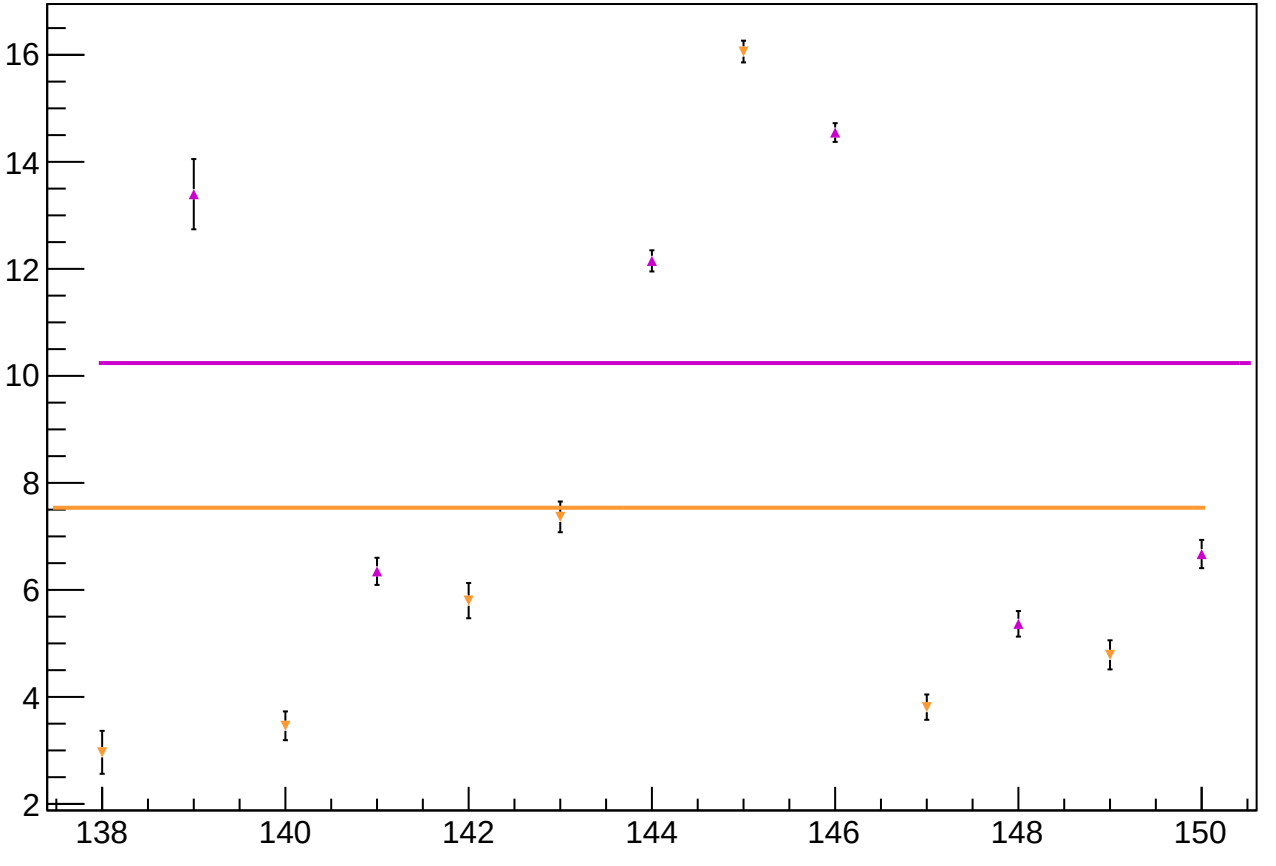
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.111+/-0.117 χ^2/NDF:1631.5/5

Out: -24.342+/-0.122 χ^2/NDF:649.4/6

All: -23.698+/-0.084 χ^2/NDF: 2333.9/12

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: 7.535+/-0.102 χ^2/NDF:2498.0/6

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

Left In: 10.240+/-0.096 χ^2/NDF:1557.6/5

Left: 8.960+/-0.070 χ^2/NDF: 4429.3/12

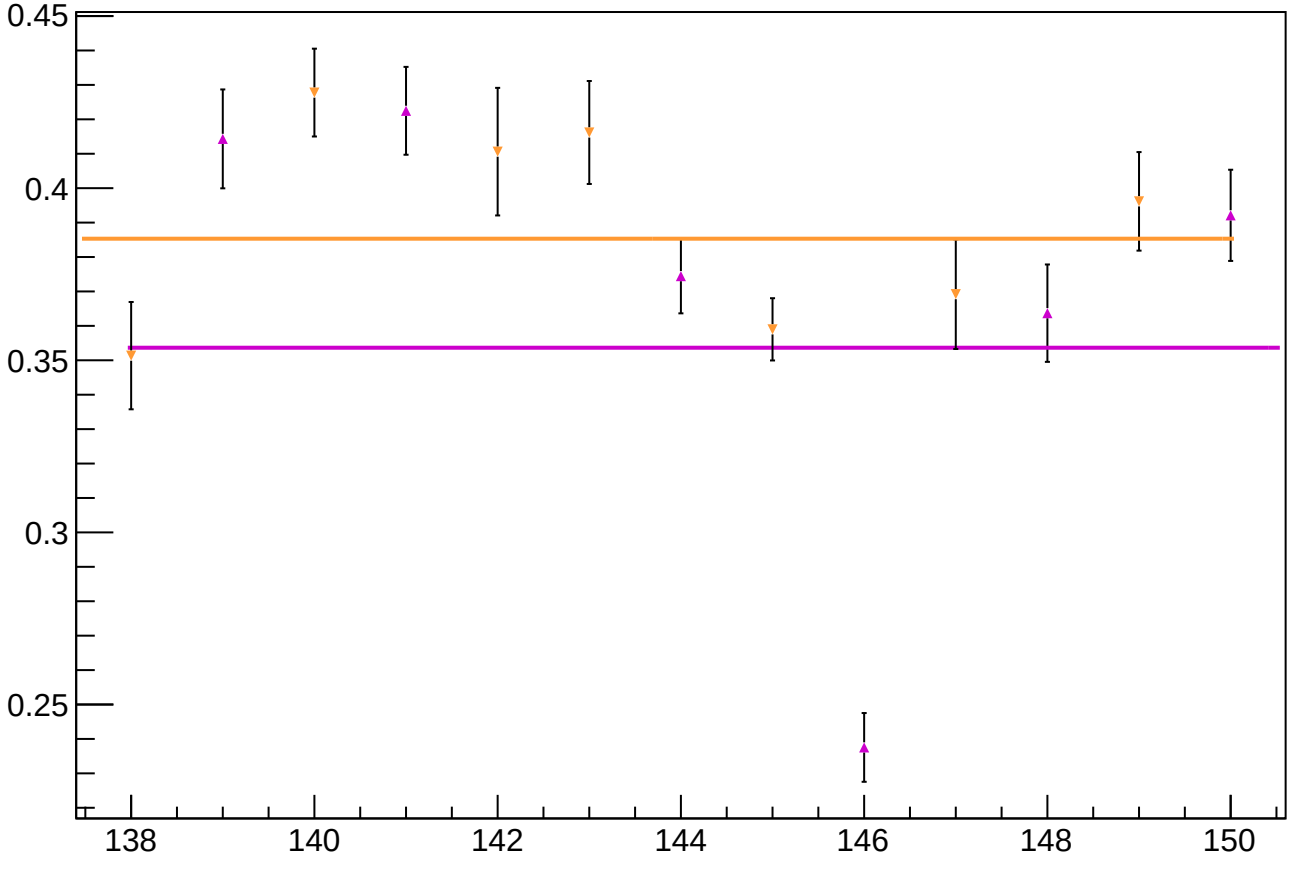
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.240+/-0.096 χ^2/NDF:1557.6/5

Out: 7.535+/-0.102 χ^2/NDF:2498.0/6

All: 8.960+/-0.070 χ^2/NDF: 4429.3/12

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: 0.385+/-0.005 χ^2/NDF:32.0/6

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

Left In: 0.354+/-0.005 χ^2/NDF:194.7/5

Left: 0.369+/-0.004 χ^2/NDF: 246.5/12

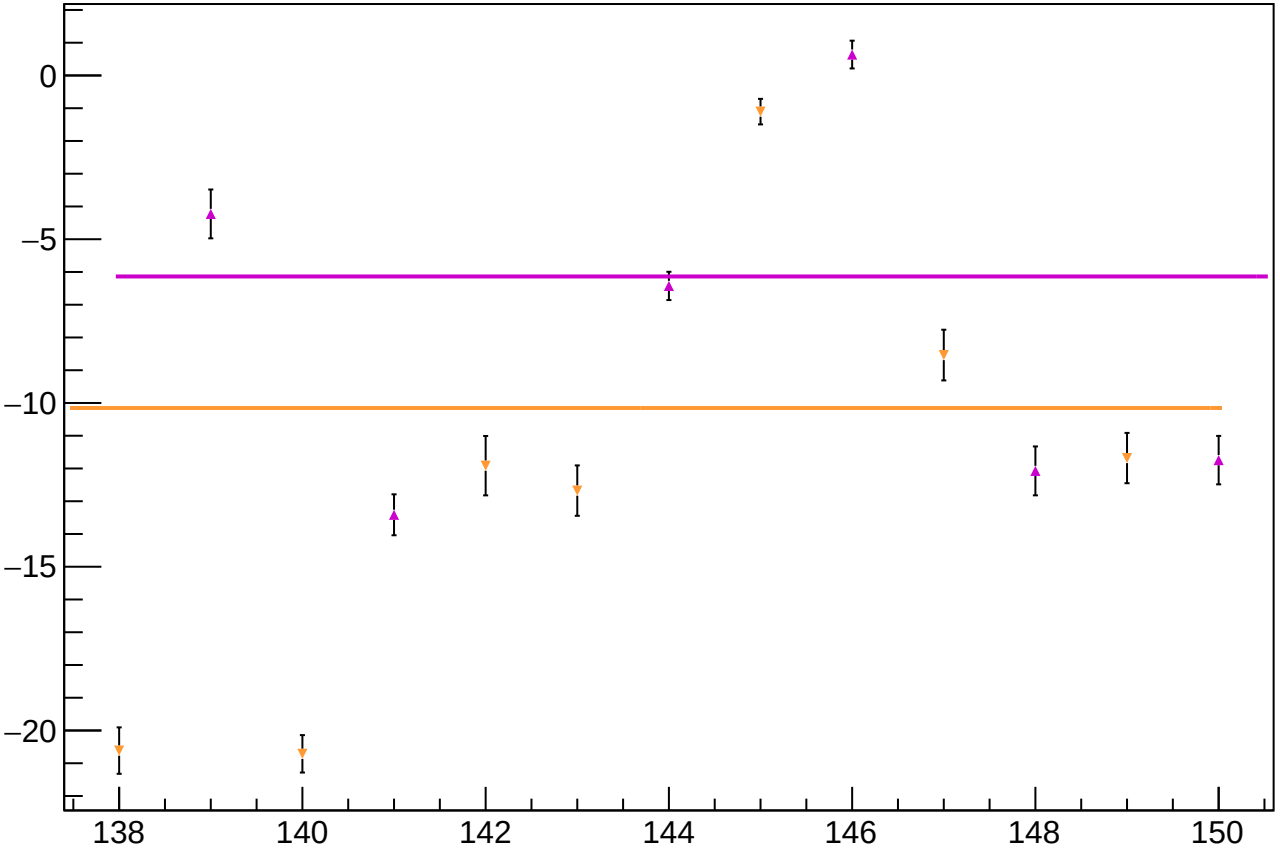
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.354+/-0.005 χ^2/NDF:194.7/5

Out: 0.385+/-0.005 χ^2/NDF:32.0/6

All: 0.369+/-0.004 χ^2/NDF: 246.5/12

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: -10.152+/-0.236 χ^2/NDF:1120.4/6

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

Left In: -6.137+/-0.230 χ^2/NDF:518.4/5

Left: -8.090+/-0.165 χ^2/NDF: 1787.0/12

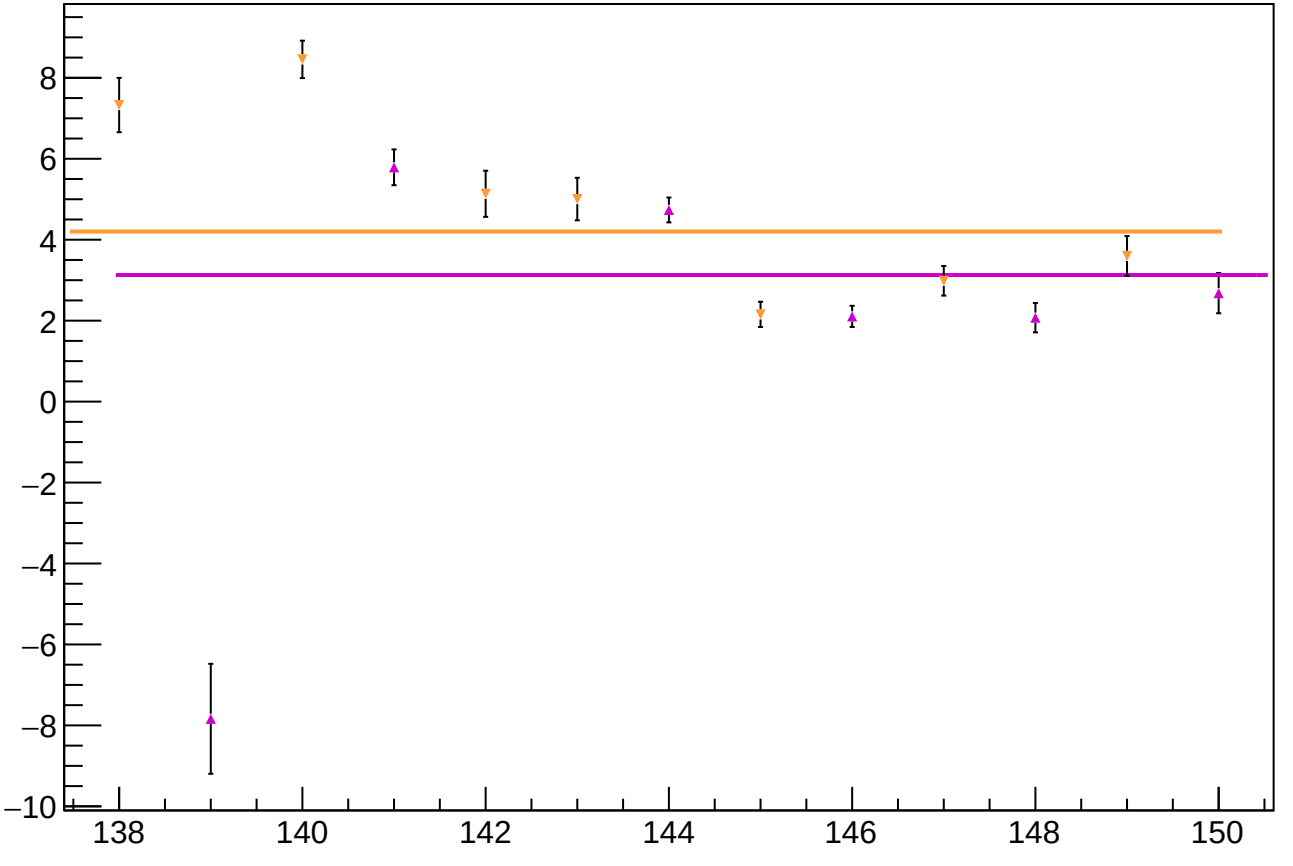
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.137+/-0.230 χ^2/NDF:518.4/5

Out: -10.152+/-0.236 χ^2/NDF:1120.4/6

All: -8.090+/-0.165 χ^2/NDF: 1787.0/12

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.202+/-0.168 χ^2/NDF:166.9/6

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

Left In: 3.128+/-0.153 χ^2/NDF:153.3/5

Left: 3.617+/-0.113 χ^2/NDF: 342.4/12

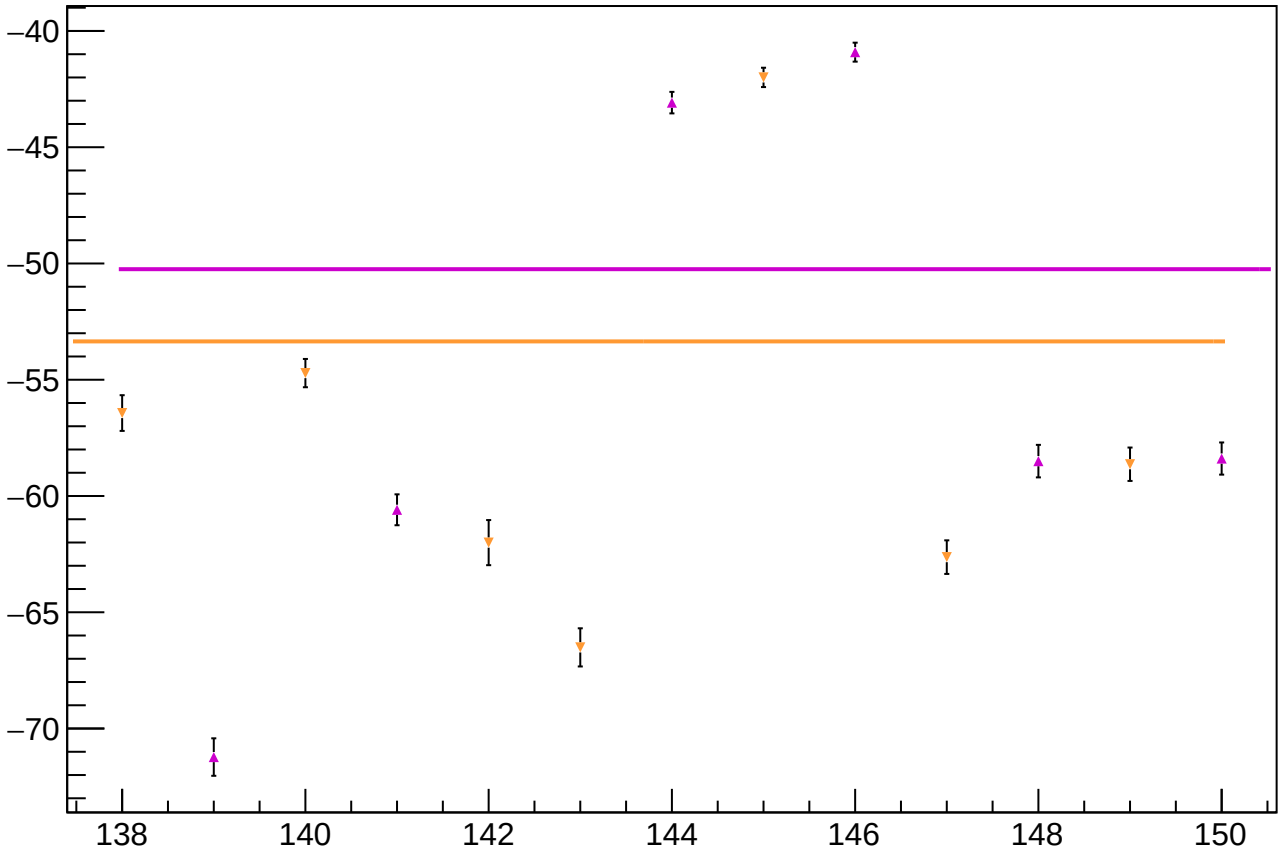
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.128+/-0.153 χ^2/NDF:153.3/5

Out: 4.202+/-0.168 χ^2/NDF:166.9/6

All: 3.617+/-0.113 χ^2/NDF: 342.4/12

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -53.351+/-0.246 χ^2/NDF:1321.9/6

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

Left In: -50.245+/-0.232 χ^2/NDF:1961.7/5

Left: -51.708+/-0.169 χ^2/NDF: 3368.2/12

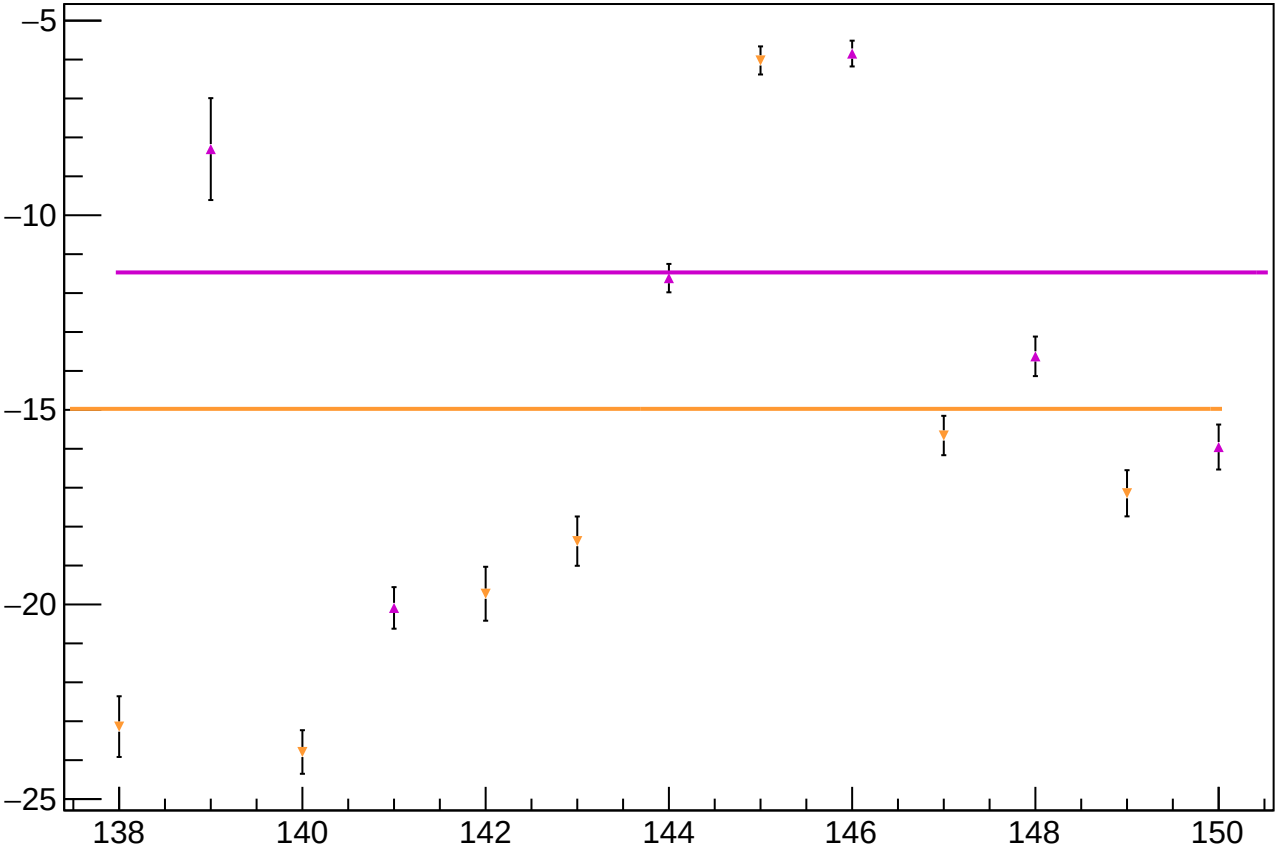
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -50.245+/-0.232 χ^2/NDF:1961.7/5

Out: -53.351+/-0.246 χ^2/NDF:1321.9/6

All: -51.708+/-0.169 χ^2/NDF: 3368.2/12

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: -14.974+/-0.205 χ^2/NDF:1063.8/6

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

Left In: -11.469+/-0.190 χ^2/NDF:633.3/5

Left: -13.094+/-0.139 χ^2/NDF: 1854.2/12

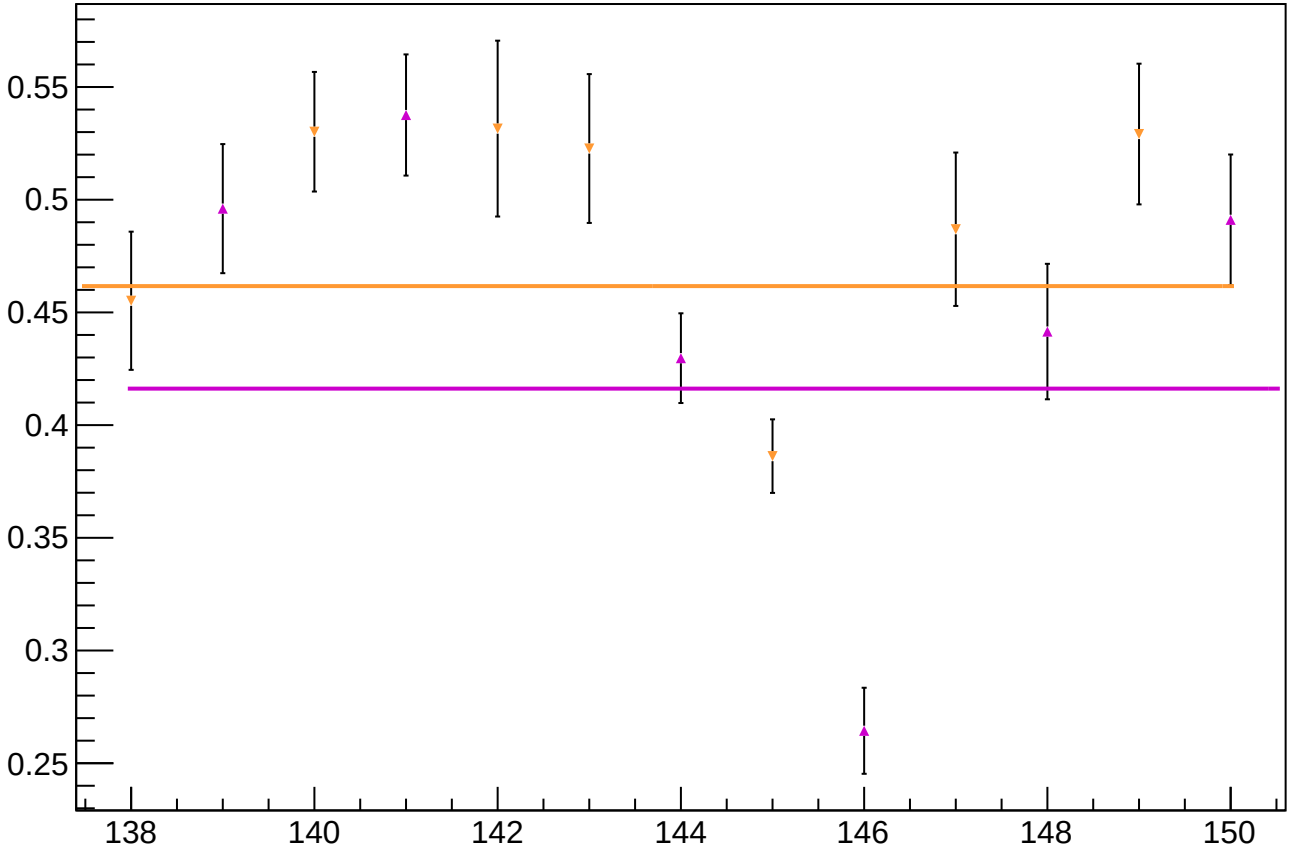
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.469+/-0.190 χ^2/NDF:633.3/5

Out: -14.974+/-0.205 χ^2/NDF:1063.8/6

All: -13.094+/-0.139 χ^2/NDF: 1854.2/12

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: 0.462+/-0.010 χ^2/NDF:39.9/6

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

Left In: 0.416+/-0.010 χ^2/NDF:99.3/5

Left: 0.438+/-0.007 χ^2/NDF: 149.5/12

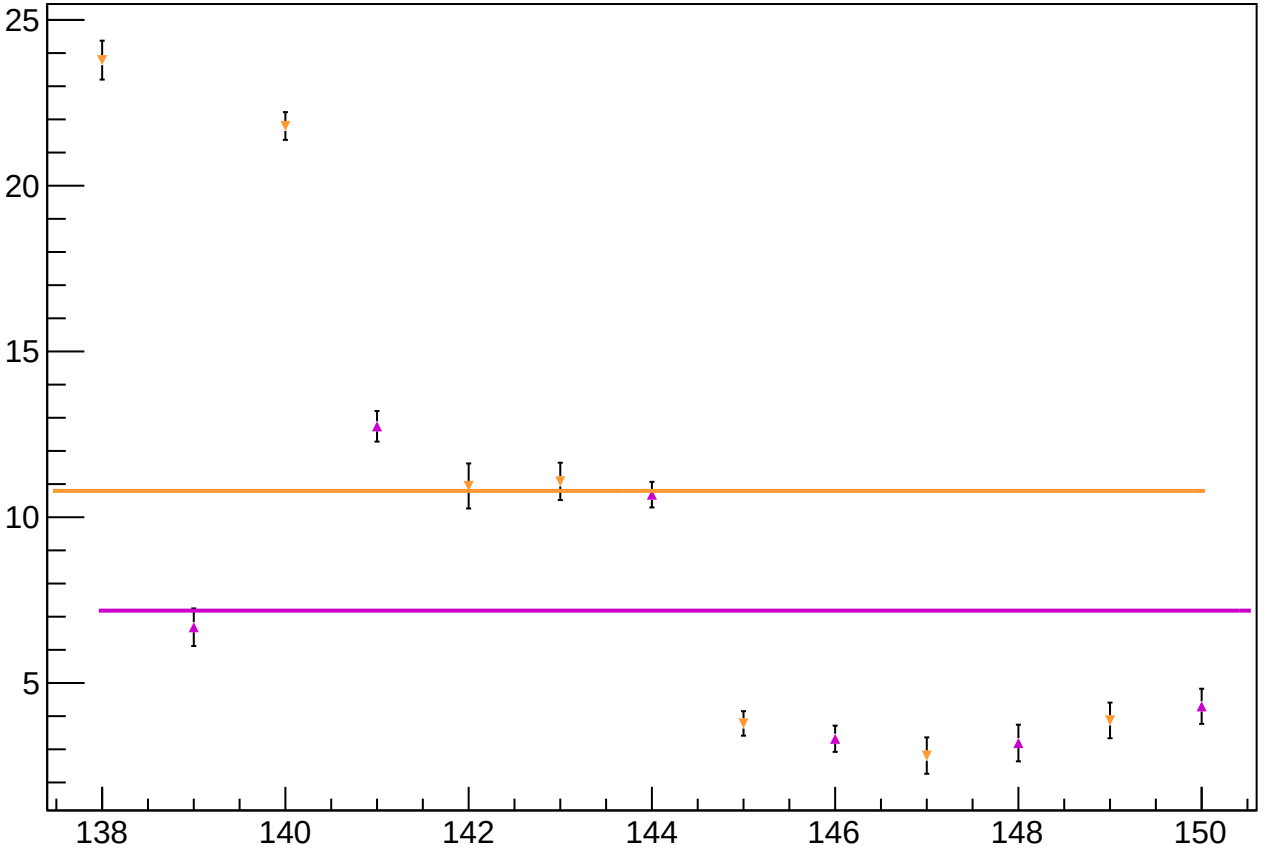
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.416+/-0.010 χ^2/NDF:99.3/5

Out: 0.462+/-0.010 χ^2/NDF:39.9/6

All: 0.438+/-0.007 χ^2/NDF: 149.5/12

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: 10.794+/-0.189 χ^2/NDF:1921.2/6

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

Left In: 7.183+/-0.190 χ^2/NDF:405.5/5

Left: 8.999+/-0.134 χ^2/NDF: 2508.7/12

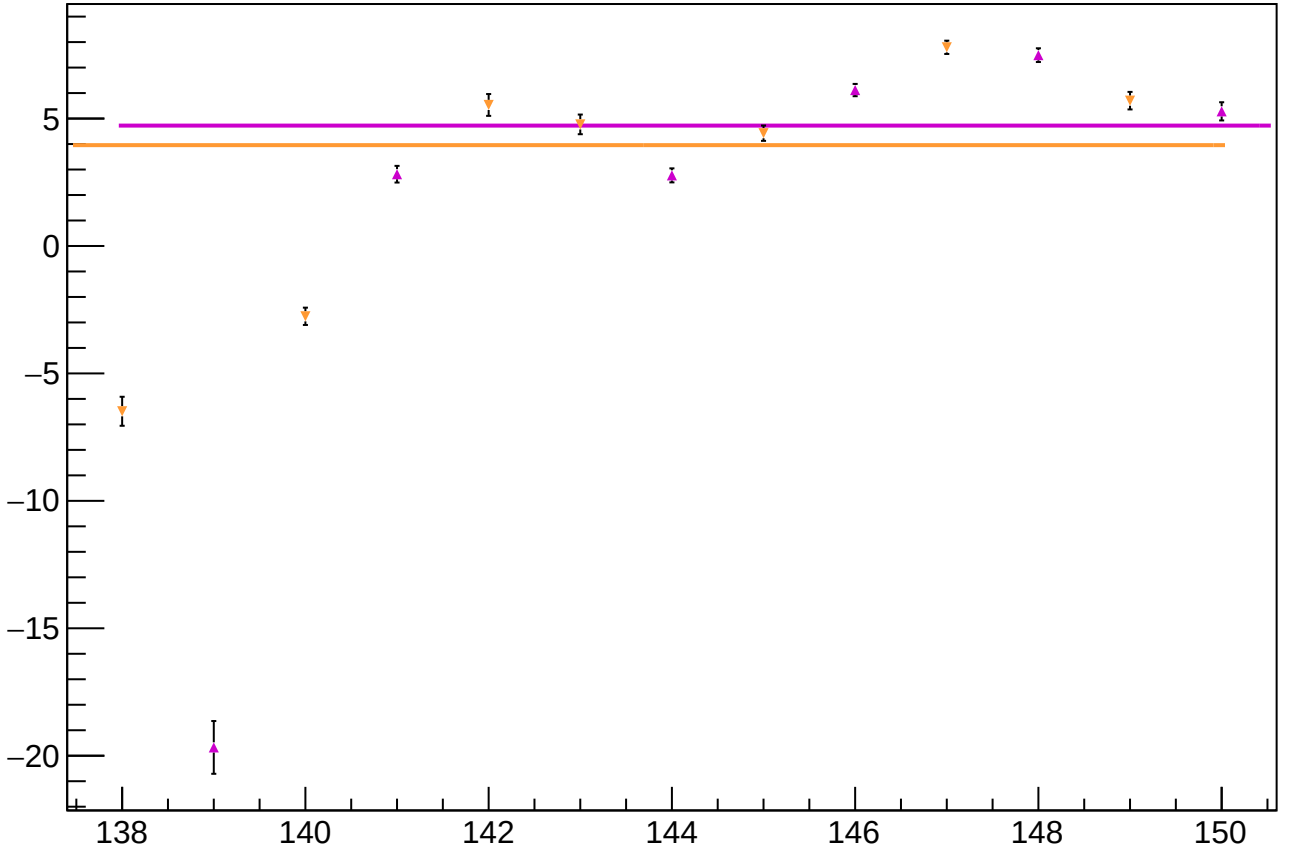
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.183+/-0.190 χ^2/NDF:405.5/5

Out: 10.794+/-0.189 χ^2/NDF:1921.2/6

All: 8.999+/-0.134 χ^2/NDF: 2508.7/12

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 3.957+/-0.131 χ^2/NDF:990.6/6

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

Left In: 4.724+/-0.127 χ^2/NDF:780.8/5

Left: 4.353+/-0.091 χ^2/NDF: 1789.1/12

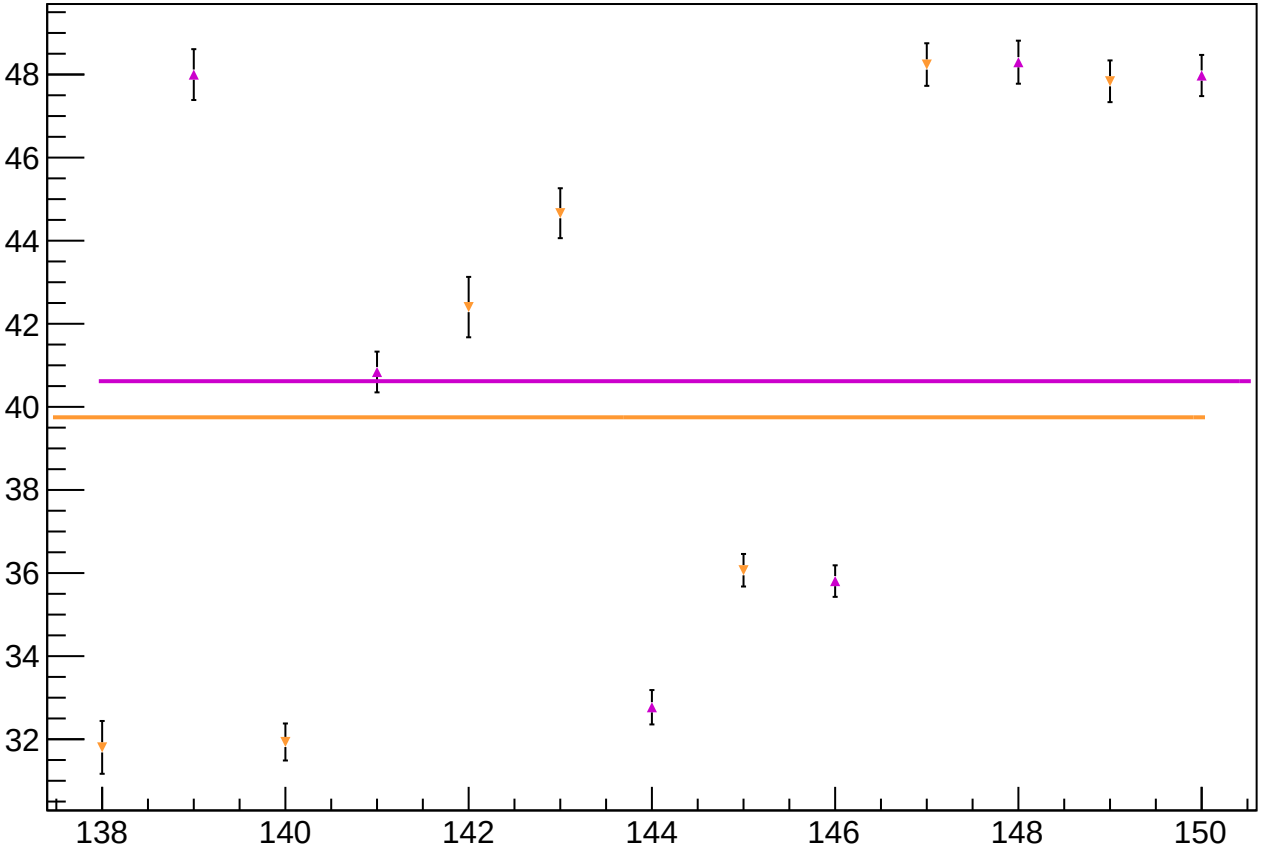
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.724+/-0.127 χ^2/NDF:780.8/5

Out: 3.957+/-0.131 χ^2/NDF:990.6/6

All: 4.353+/-0.091 χ^2/NDF: 1789.1/12

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 39.749+/-0.194 χ^2/NDF:1166.2/6

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

Left In: 40.618+/-0.191 χ^2/NDF:1106.2/5

Left: 40.191+/-0.136 χ^2/NDF: 2282.5/12

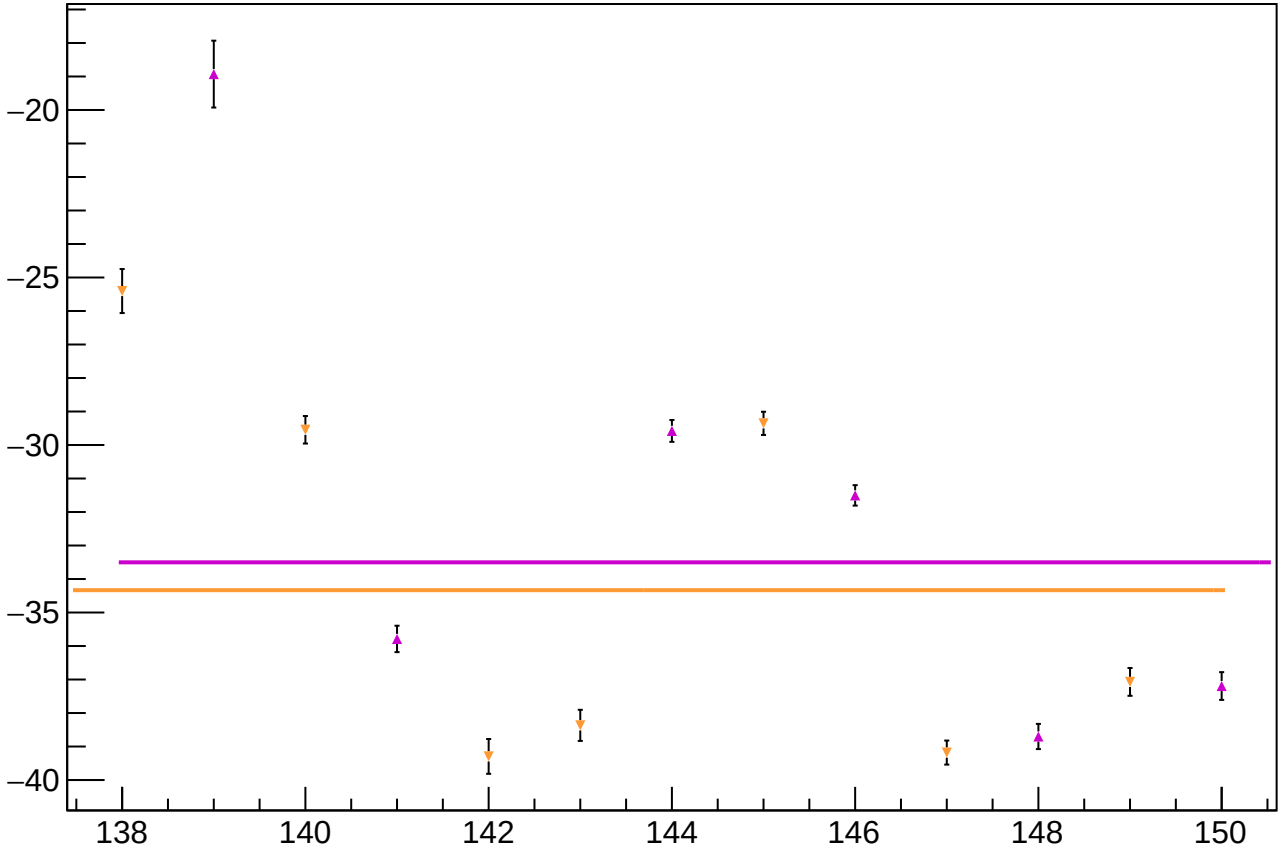
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.618+/-0.191 χ^2/NDF:1106.2/5

Out: 39.749+/-0.194 χ^2/NDF:1166.2/6

All: 40.191+/-0.136 χ^2/NDF: 2282.5/12

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -34.333+/-0.161 χ^2/NDF:919.8/6

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

Left In: -33.502+/-0.157 χ^2/NDF:704.5/5

Left: -33.907+/-0.113 χ^2/NDF: 1637.9/12

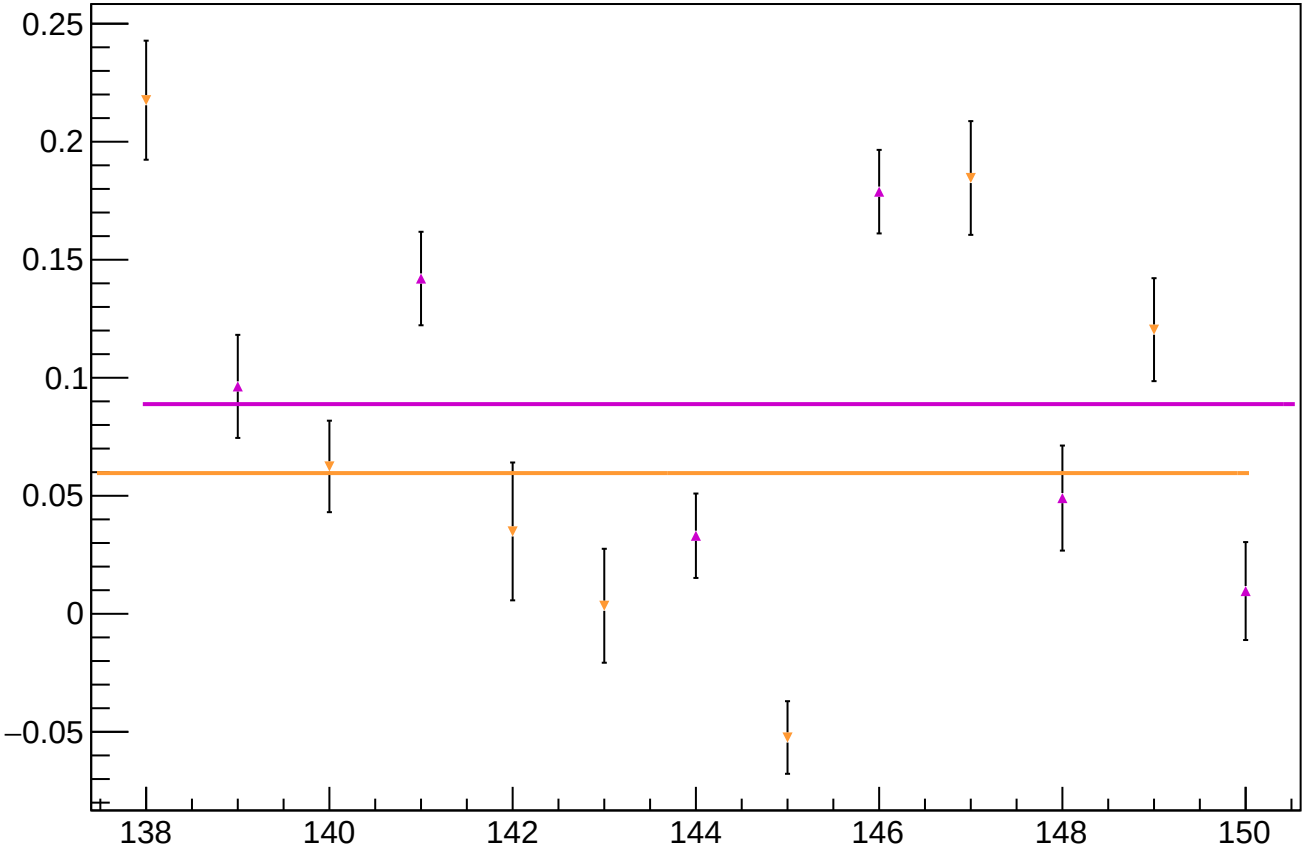
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.502+/-0.157 χ^2/NDF:704.5/5

Out: -34.333+/-0.161 χ^2/NDF:919.8/6

All: -33.907+/-0.113 χ^2/NDF: 1637.9/12

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.060+/-0.008 χ^2/NDF:133.1/6

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

Left In: 0.089+/-0.008 χ^2/NDF:60.7/5

Left: 0.074+/-0.006 χ^2/NDF: 200.3/12

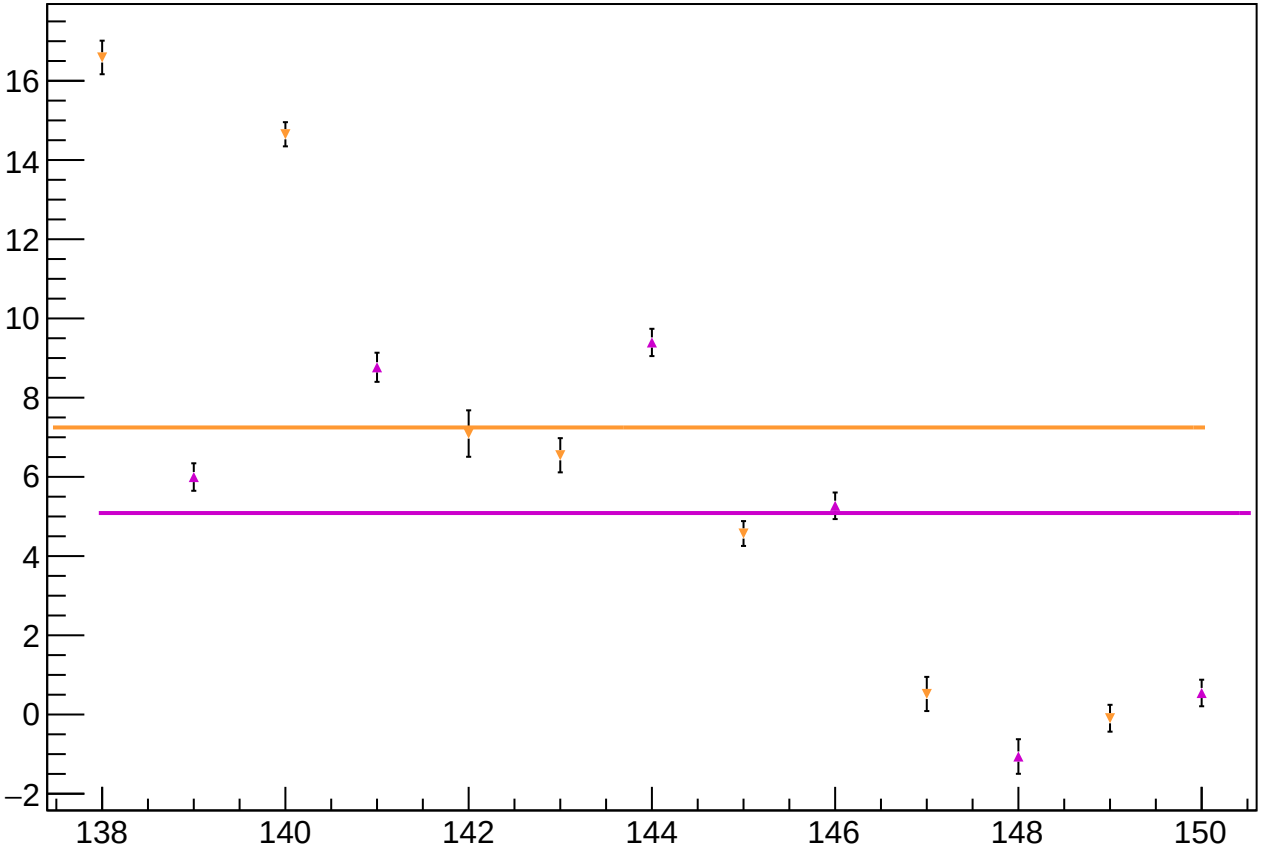
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.089+/-0.008 χ^2/NDF:60.7/5

Out: 0.060+/-0.008 χ^2/NDF:133.1/6

All: 0.074+/-0.006 χ^2/NDF: 200.3/12

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 7.248+/-0.143 χ^2/NDF:1862.1/6

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

Left In: 5.087+/-0.146 χ^2/NDF:645.8/5

Left: 6.186+/-0.102 χ^2/NDF: 2619.9/12

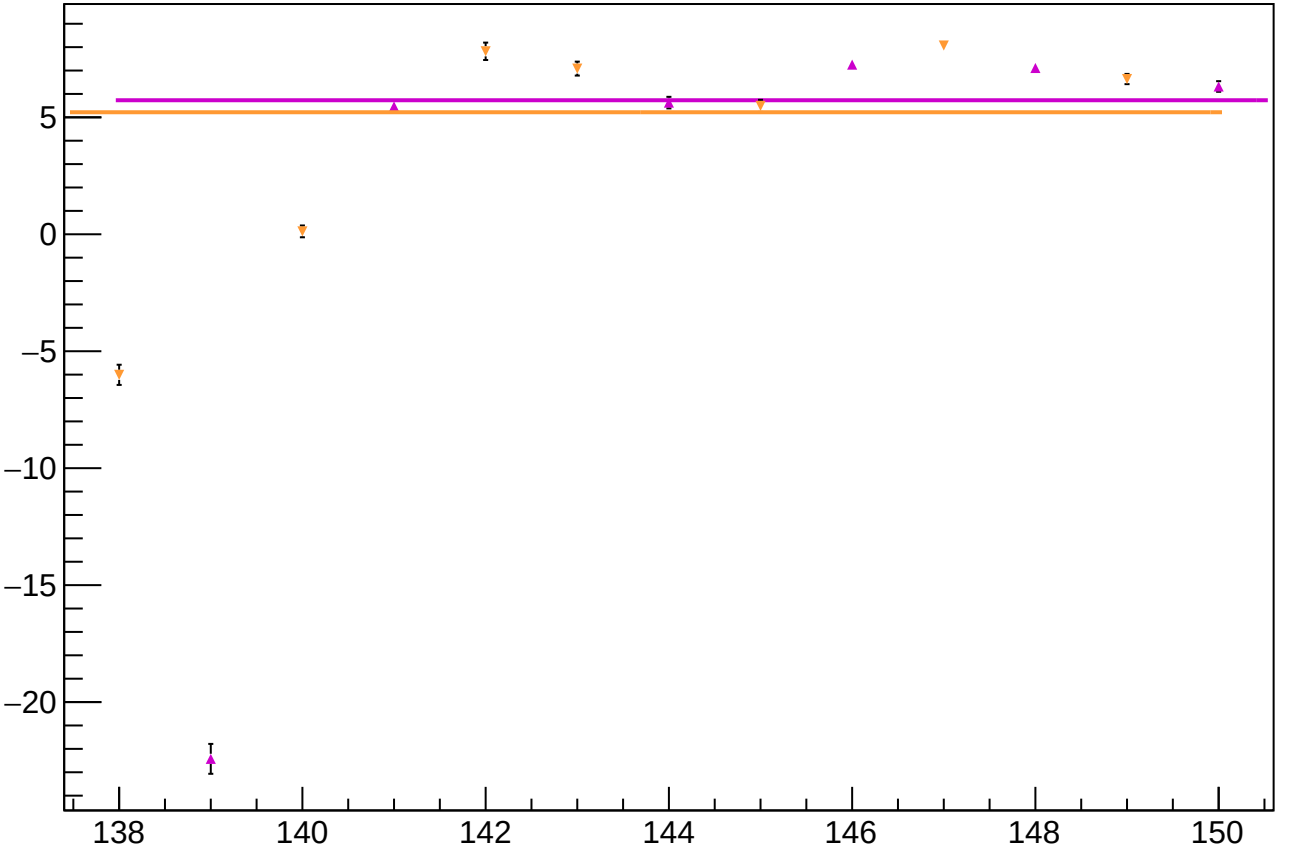
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.087+/-0.146 χ^2/NDF:645.8/5

Out: 7.248+/-0.143 χ^2/NDF:1862.1/6

All: 6.186+/-0.102 χ^2/NDF: 2619.9/12

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: 5.217+/-0.101 χ^2/NDF:1404.0/6

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

Left In: 5.730+/-0.102 χ^2/NDF:2041.5/5

Left: 5.470+/-0.072 χ^2/NDF: 3458.4/12

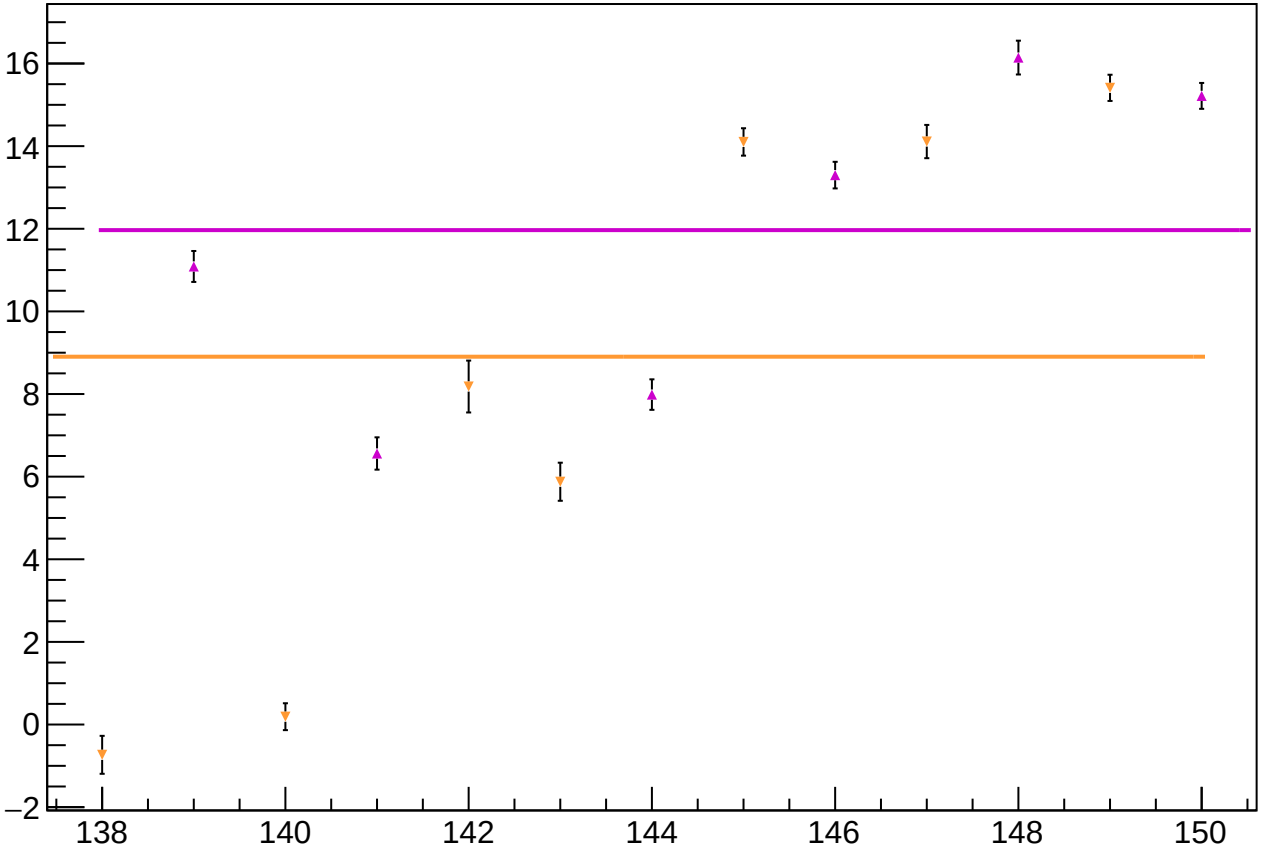
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.730+/-0.102 χ^2/NDF:2041.5/5

Out: 5.217+/-0.101 χ^2/NDF:1404.0/6

All: 5.470+/-0.072 χ^2/NDF: 3458.4/12

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 8.903+/-0.146 χ^2/NDF:2036.0/6

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

Left In: 11.967+/-0.146 χ^2/NDF:541.6/5

Left: 10.438+/-0.103 χ^2/NDF: 2796.8/12

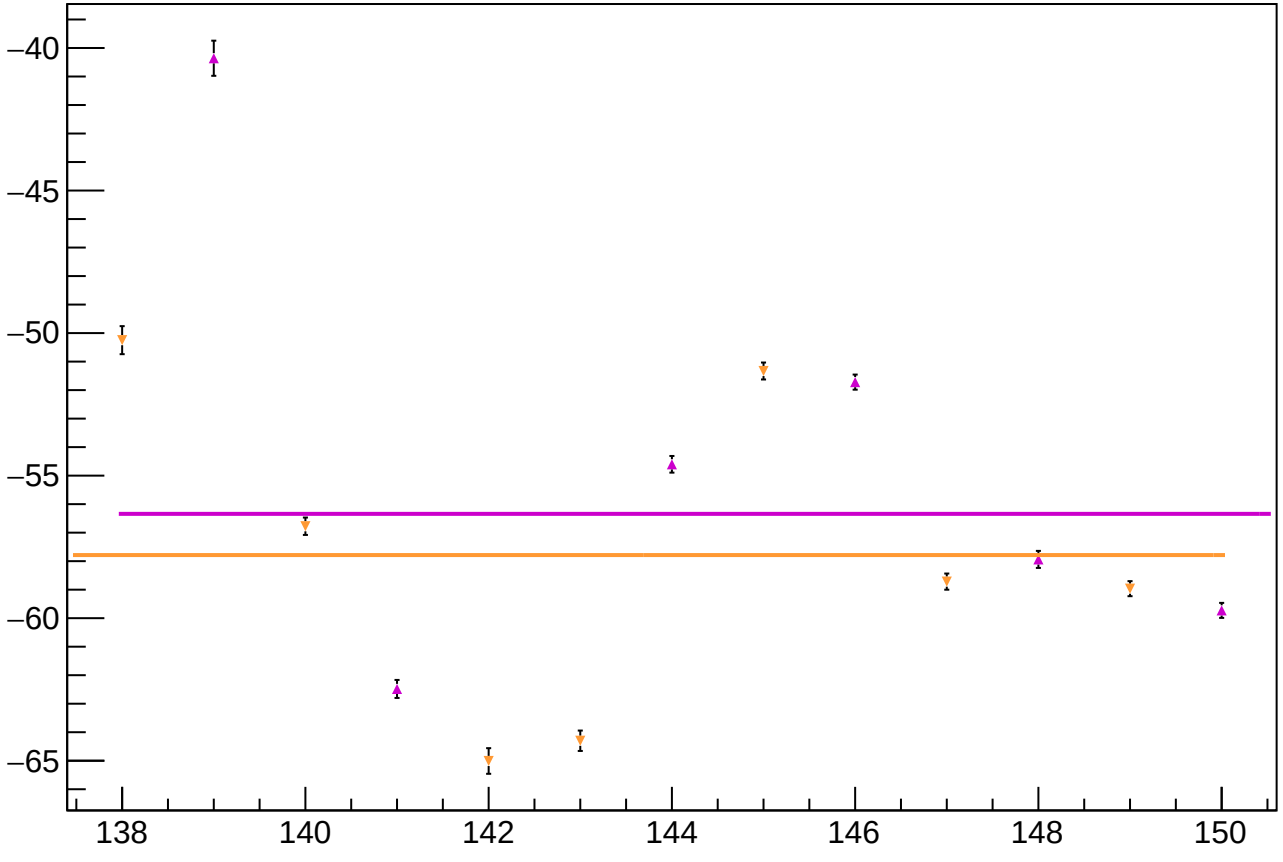
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.967+/-0.146 χ^2/NDF:541.6/5

Out: 8.903+/-0.146 χ^2/NDF:2036.0/6

All: 10.438+/-0.103 χ^2/NDF: 2796.8/12

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.786+/-0.123 χ^2/NDF:1338.6/6

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

Left In: -56.341+/-0.125 χ^2/NDF:1583.9/5

Left: -57.072+/-0.088 χ^2/NDF: 2990.4/12

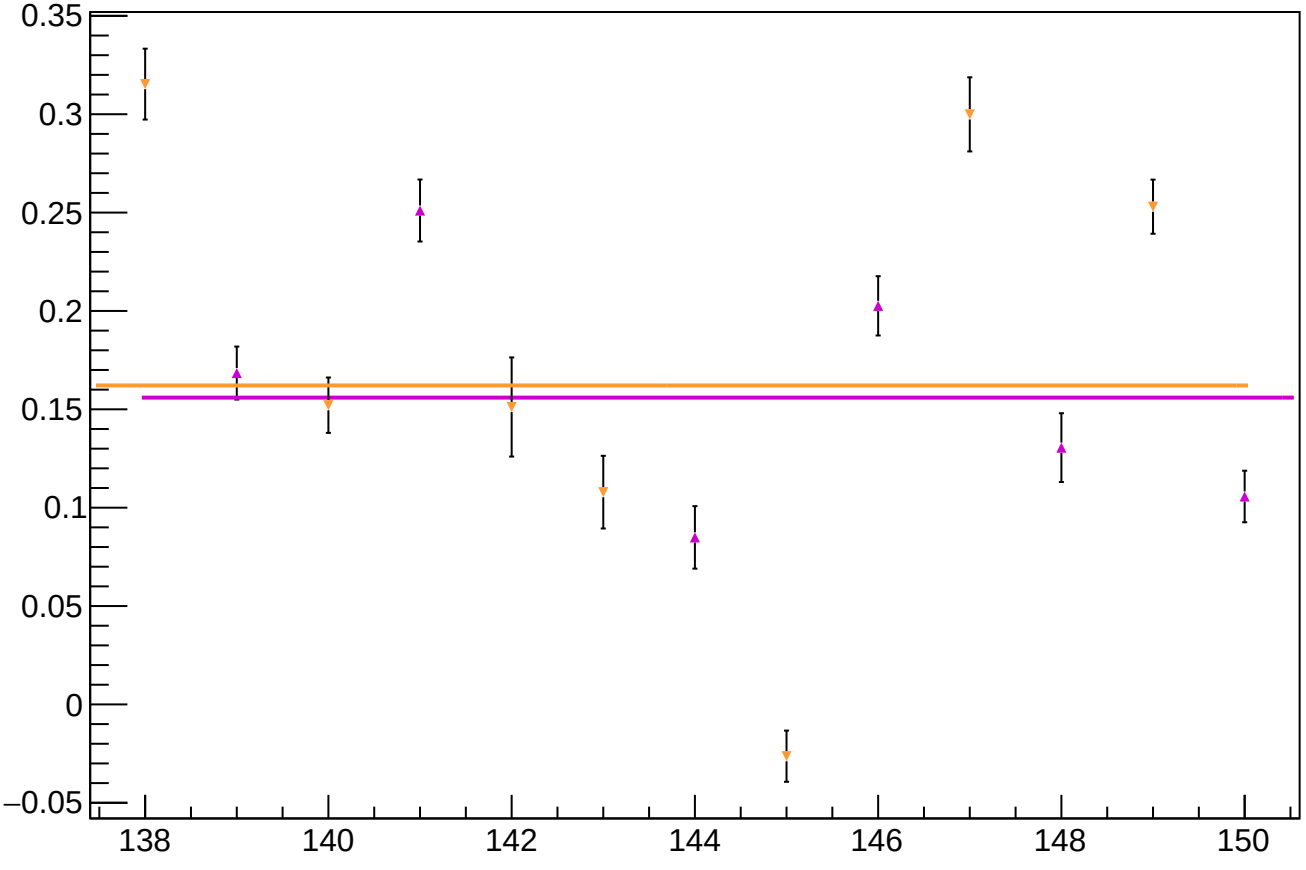
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.341+/-0.125 χ^2/NDF:1583.9/5

Out: -57.786+/-0.123 χ^2/NDF:1338.6/6

All: -57.072+/-0.088 χ^2/NDF: 2990.4/12

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.162+/-0.006 χ^2/NDF:388.5/6

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

Left In: 0.156+/-0.006 χ^2/NDF:83.7/5

Left: 0.159+/-0.004 χ^2/NDF: 472.7/12

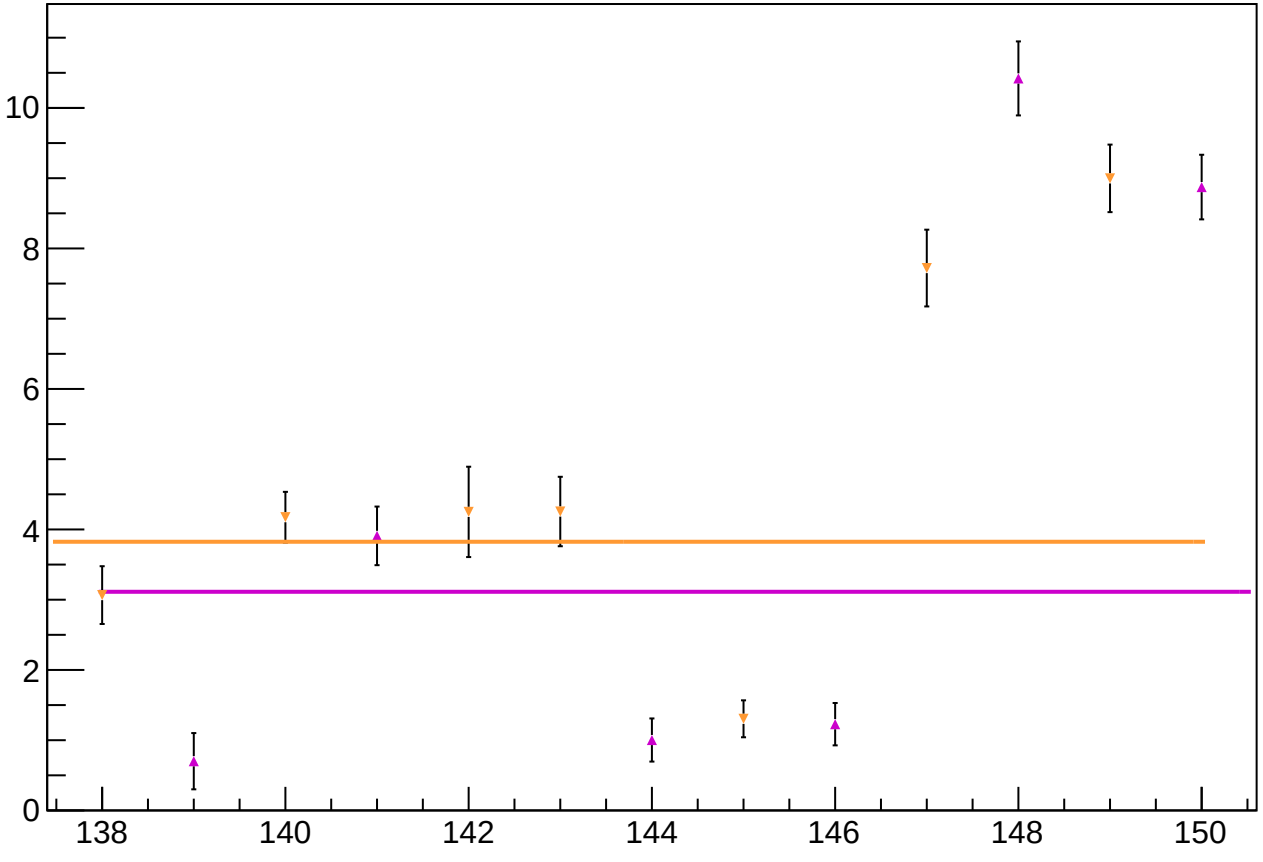
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.156+/-0.006 χ^2/NDF:83.7/5

Out: 0.162+/-0.006 χ^2/NDF:388.5/6

All: 0.159+/-0.004 χ^2/NDF: 472.7/12

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.825+/-0.154 χ^2/NDF:264.1/6

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

Left In: 3.113+/-0.154 χ^2/NDF:475.6/5

Left: 3.470+/-0.109 χ^2/NDF: 750.4/12

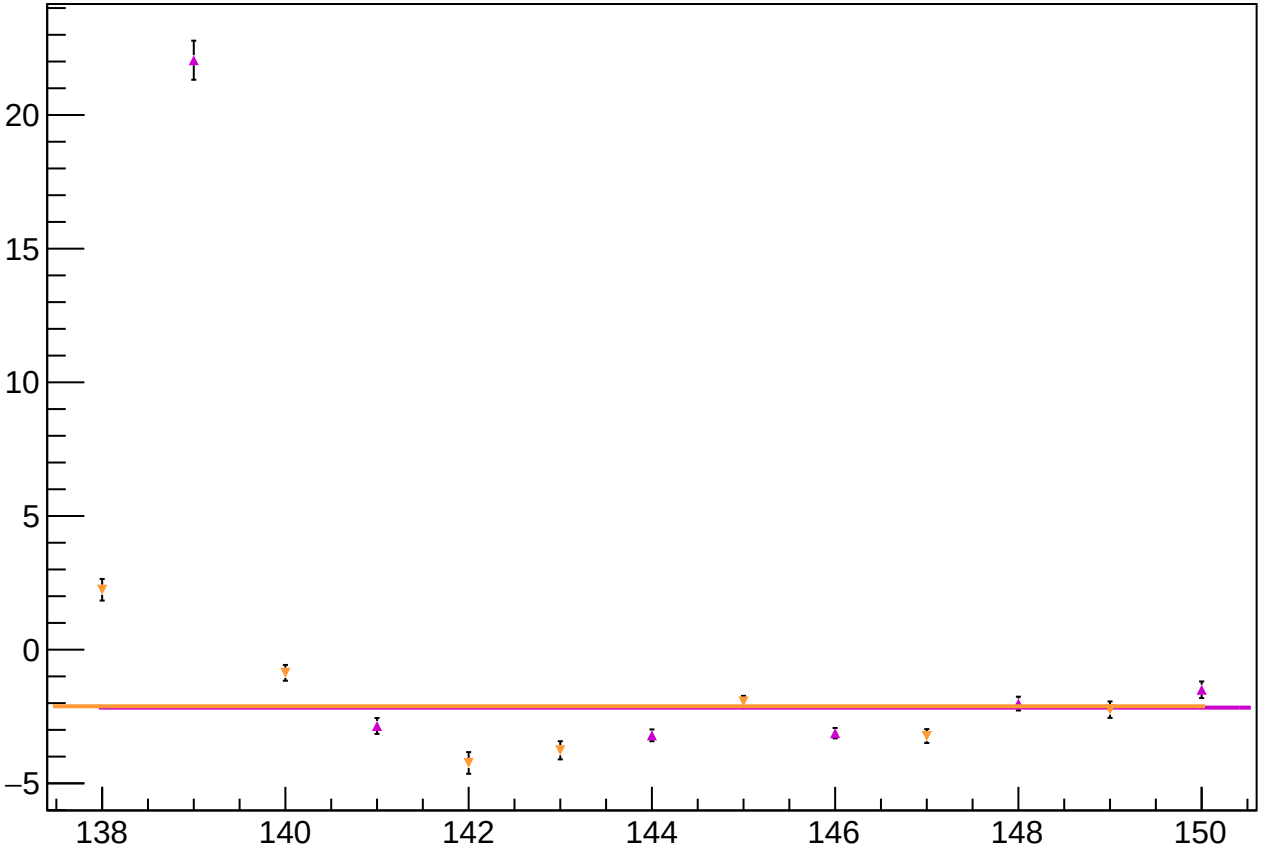
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.113+/-0.154 χ^2/NDF:475.6/5

Out: 3.825+/-0.154 χ^2/NDF:264.1/6

All: 3.470+/-0.109 χ^2/NDF: 750.4/12

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: -2.117+/-0.112 χ^2/NDF:204.4/6

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

Left In: -2.168+/-0.108 χ^2/NDF:1154.1/5

Left: -2.143+/-0.078 χ^2/NDF: 1358.6/12

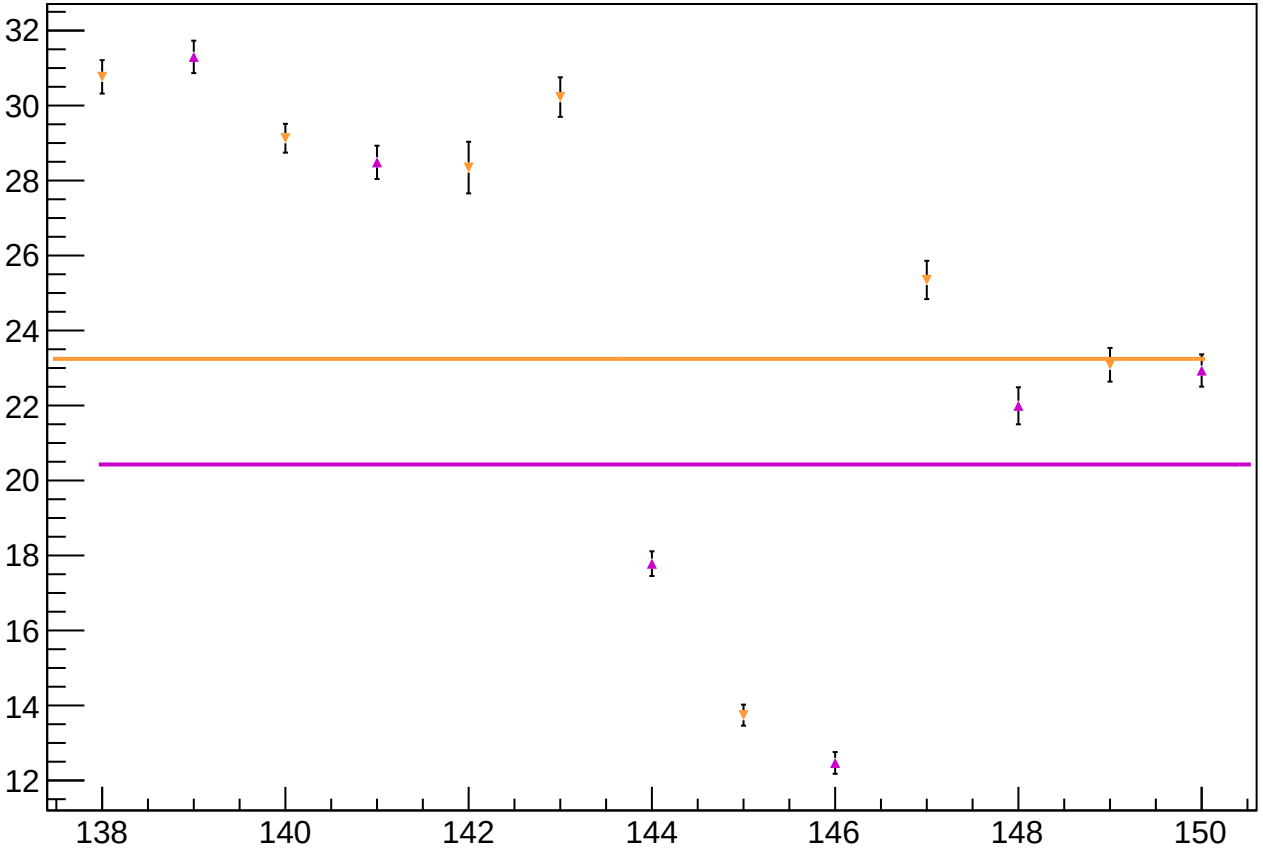
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.168+/-0.108 χ^2/NDF:1154.1/5

Out: -2.117+/-0.112 χ^2/NDF:204.4/6

All: -2.143+/-0.078 χ^2/NDF: 1358.6/12

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 23.245+/-0.160 χ^2/NDF:1915.6/6

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

Left In: 20.427+/-0.156 χ^2/NDF:1822.9/5

Left: 21.801+/-0.112 χ^2/NDF: 3897.3/12

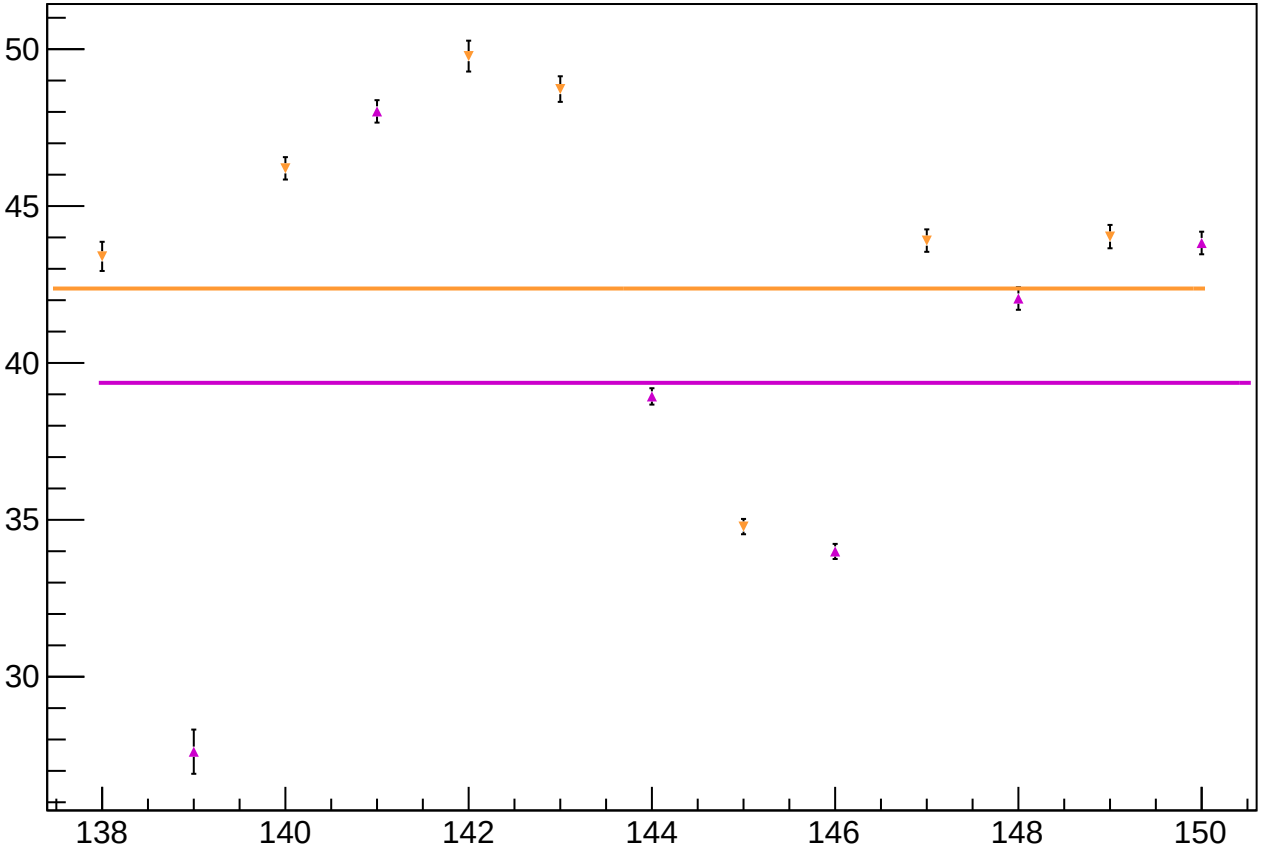
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.427+/-0.156 χ^2/NDF:1822.9/5

Out: 23.245+/-0.160 χ^2/NDF:1915.6/6

All: 21.801+/-0.112 χ^2/NDF: 3897.3/12

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: 42.372+/-0.136 χ^2/NDF:1594.6/6

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

Left In: 39.366+/-0.132 χ^2/NDF:1574.8/5

Left: 40.831+/-0.095 χ^2/NDF: 3421.6/12

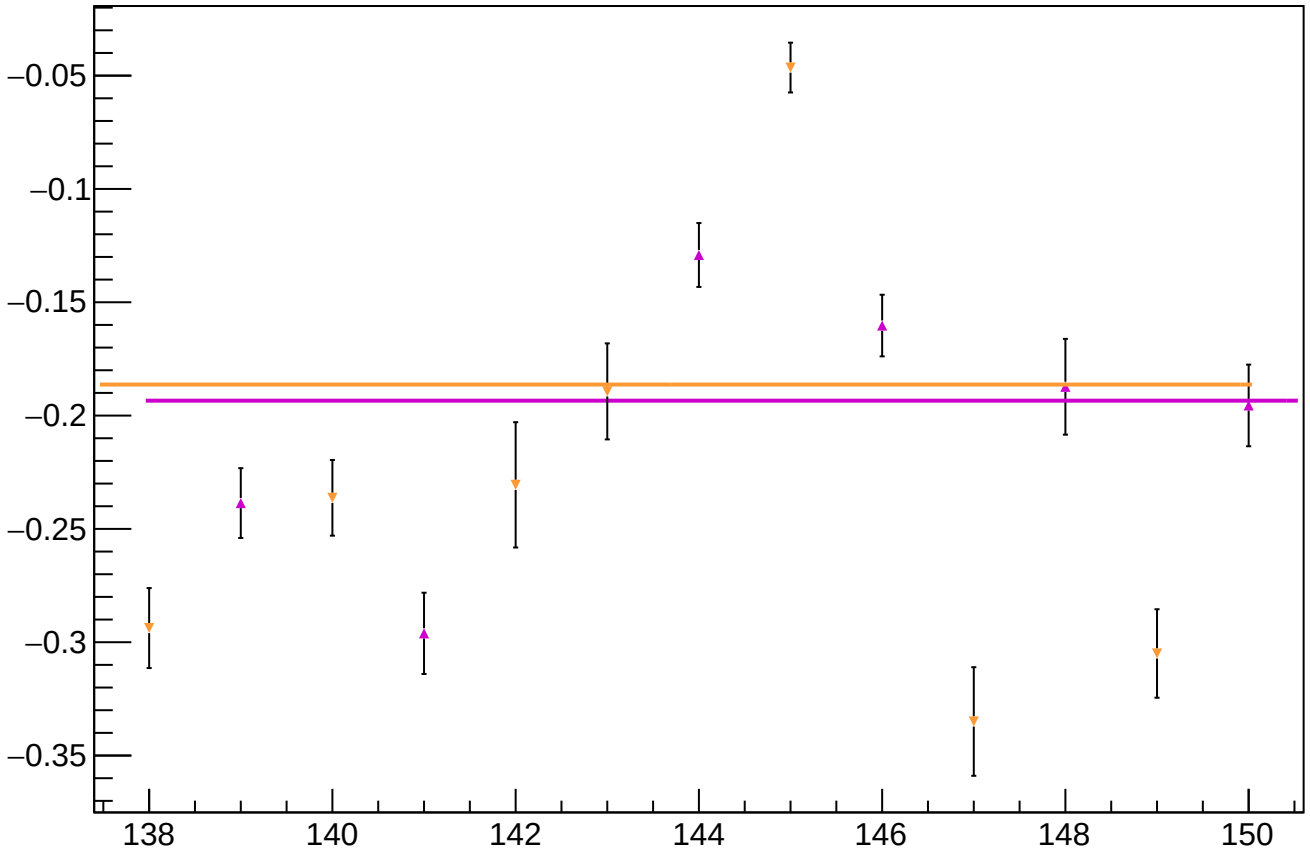
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.366+/-0.132 χ^2/NDF:1574.8/5

Out: 42.372+/-0.136 χ^2/NDF:1594.6/6

All: 40.831+/-0.095 χ^2/NDF: 3421.6/12

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: -0.186+/-0.007 χ^2/NDF:286.2/6

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

Left In: -0.193+/-0.007 χ^2/NDF:68.3/5

Left: -0.190+/-0.005 χ^2/NDF: 355.0/12

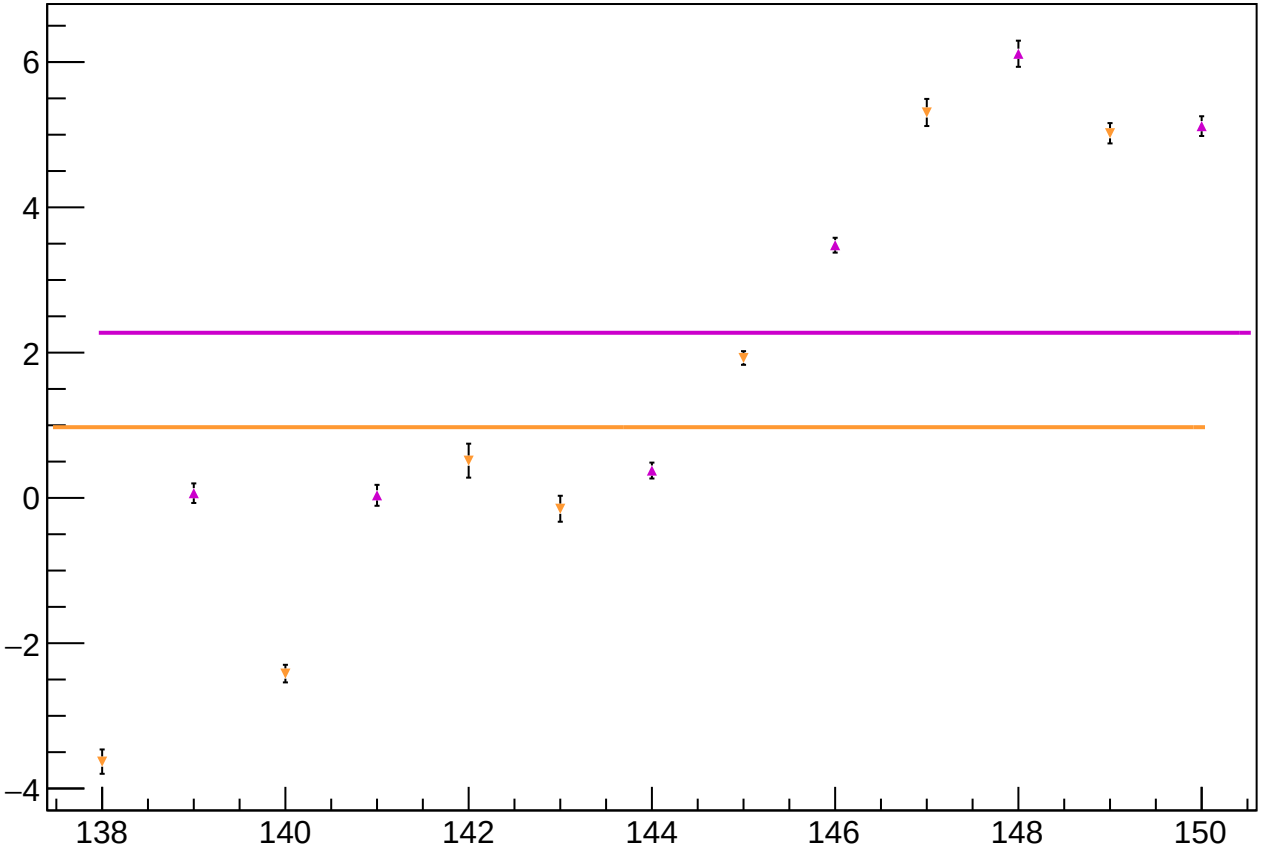
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.193+/-0.007 χ^2/NDF:68.3/5

Out: -0.186+/-0.007 χ^2/NDF:286.2/6

All: -0.190+/-0.005 χ^2/NDF: 355.0/12

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.974+/-0.054 χ^2/NDF:3060.5/6

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

Left In: 2.273+/-0.052 χ^2/NDF:1842.4/5

Left: 1.643+/-0.037 χ^2/NDF: 5204.1/12

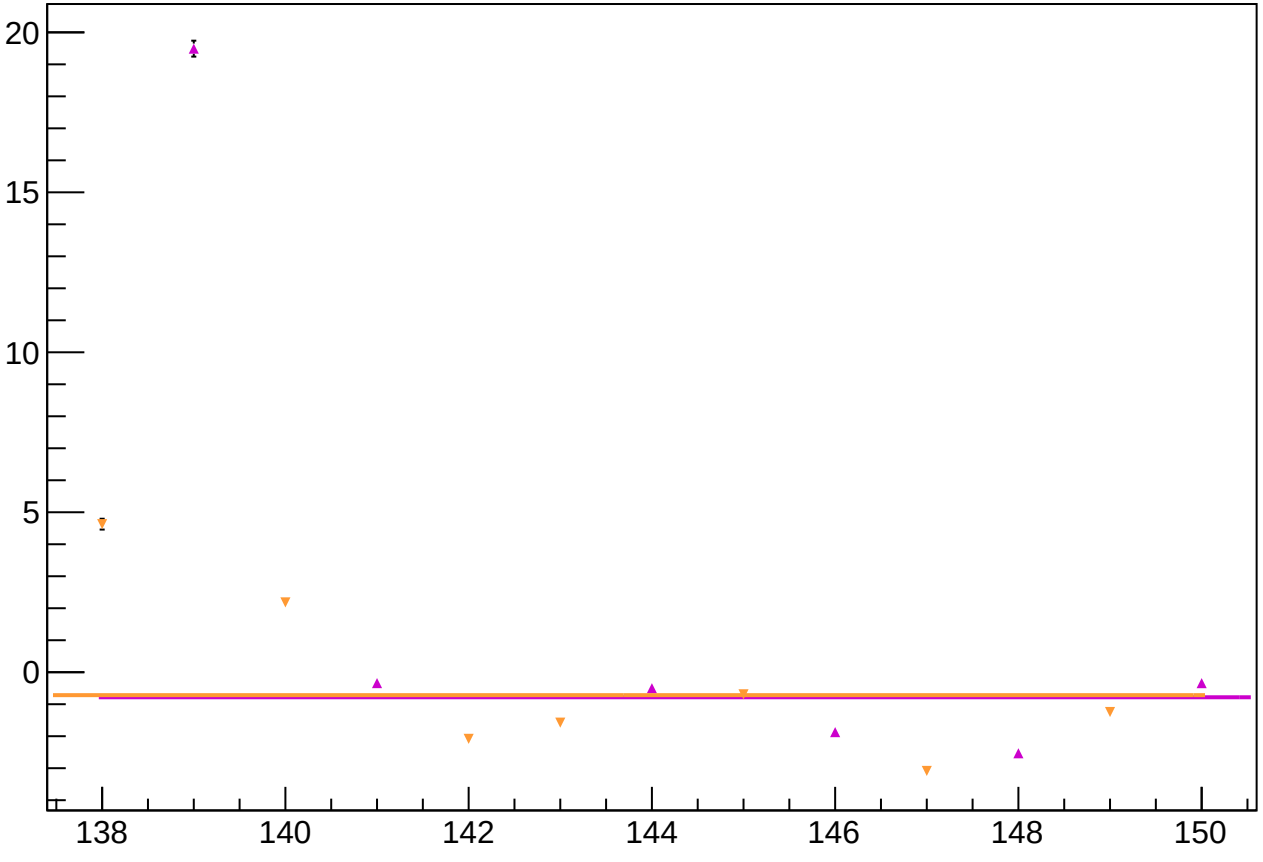
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.273+/-0.052 χ^2/NDF:1842.4/5

Out: 0.974+/-0.054 χ^2/NDF:3060.5/6

All: 1.643+/-0.037 χ^2/NDF: 5204.1/12

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: -0.717+/-0.039 χ^2/NDF:2706.3/6

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

Left In: -0.783+/-0.037 χ^2/NDF:7327.6/5

Left: -0.752+/-0.027 χ^2/NDF: 10035.4/12

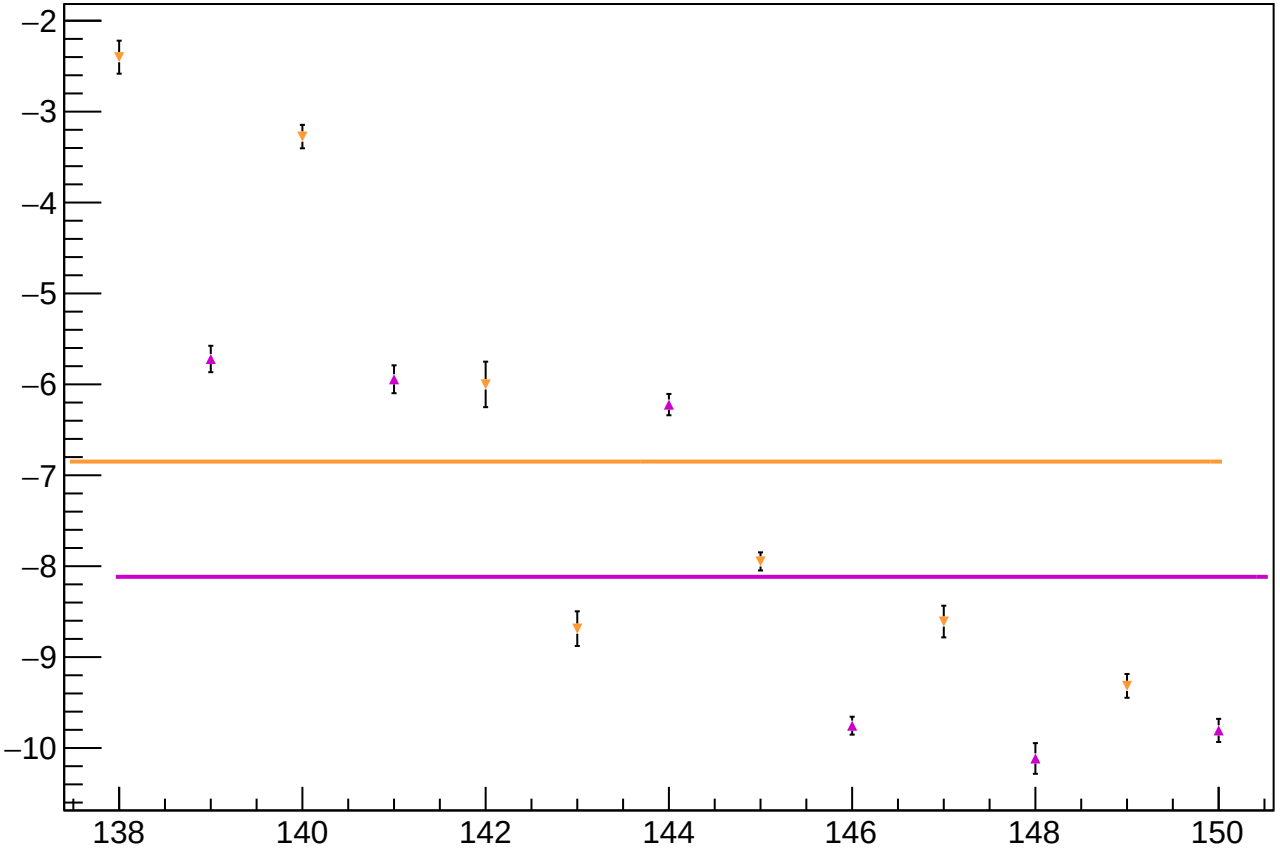
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.783+/-0.037 χ^2/NDF:7327.6/5

Out: -0.717+/-0.039 χ^2/NDF:2706.3/6

All: -0.752+/-0.027 χ^2/NDF: 10035.4/12

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: -6.849+/-0.055 χ^2/NDF:2050.4/6

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

Left In: -8.117+/-0.053 χ^2/NDF:1326.7/5

Left: -7.517+/-0.038 χ^2/NDF: 3653.0/12

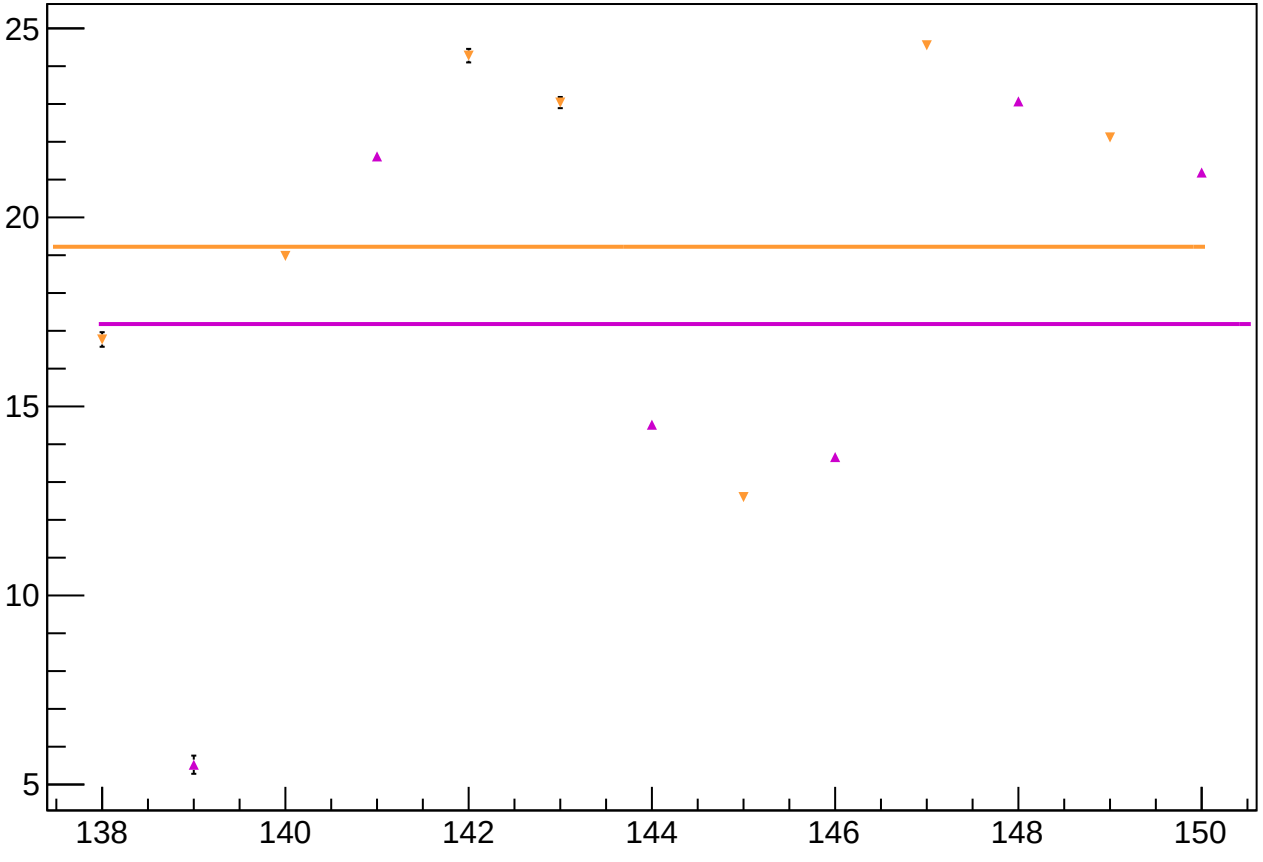
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.117+/-0.053 χ^2/NDF:1326.7/5

Out: -6.849+/-0.055 χ^2/NDF:2050.4/6

All: -7.517+/-0.038 χ^2/NDF: 3653.0/12

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: 19.224+/-0.047 χ^2/NDF:9853.2/6

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

Left In: 17.179+/-0.045 χ^2/NDF:9974.3/5

Left: 18.150+/-0.032 χ^2/NDF: 20819.3/12

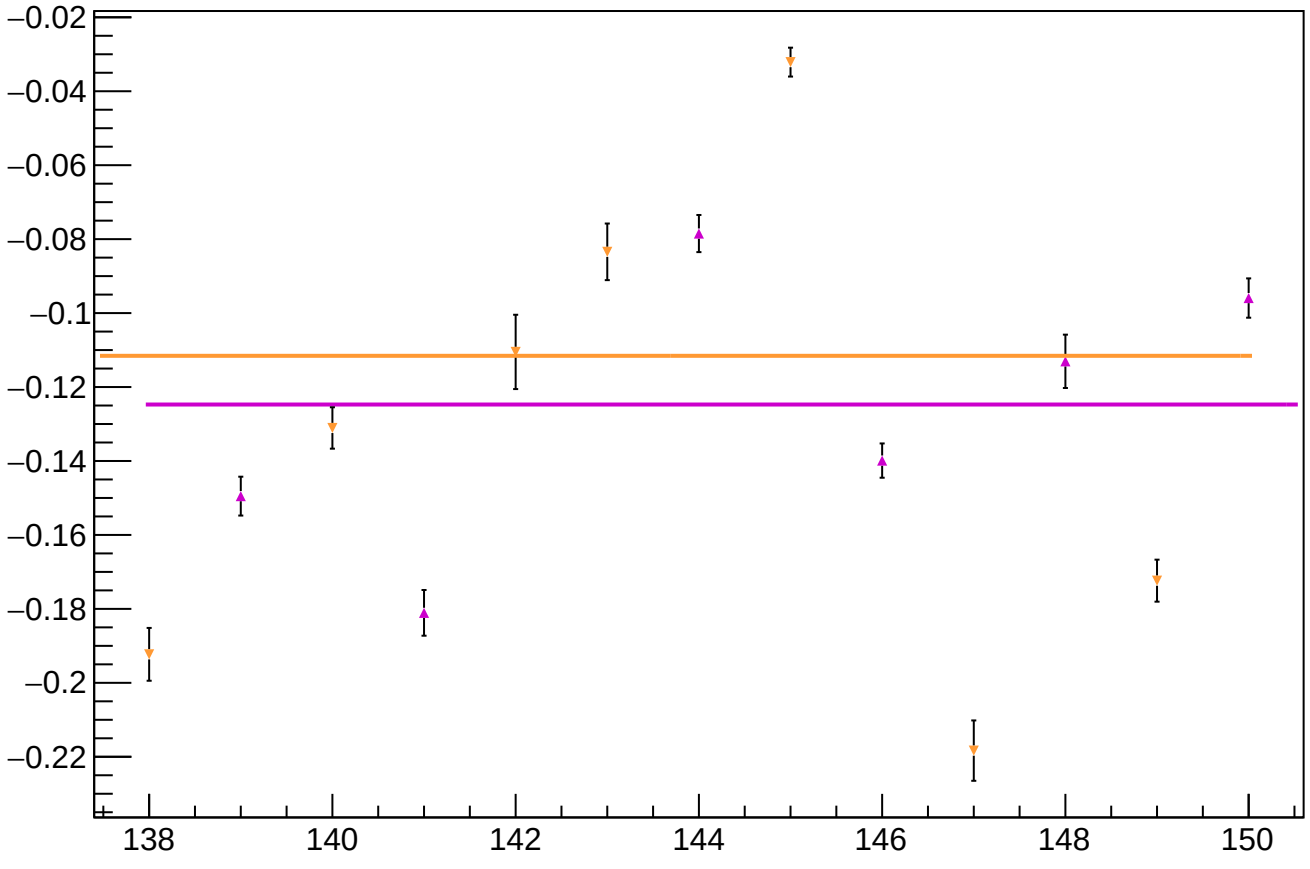
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.179+/-0.045 χ^2/NDF:9974.3/5

Out: 19.224+/-0.047 χ^2/NDF:9853.2/6

All: 18.150+/-0.032 χ^2/NDF: 20819.3/12

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: -0.112+/-0.002 χ^2/NDF:852.3/6

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

Left In: -0.125+/-0.002 χ^2/NDF:232.8/5

Left: -0.118+/-0.002 χ^2/NDF: 1102.1/12

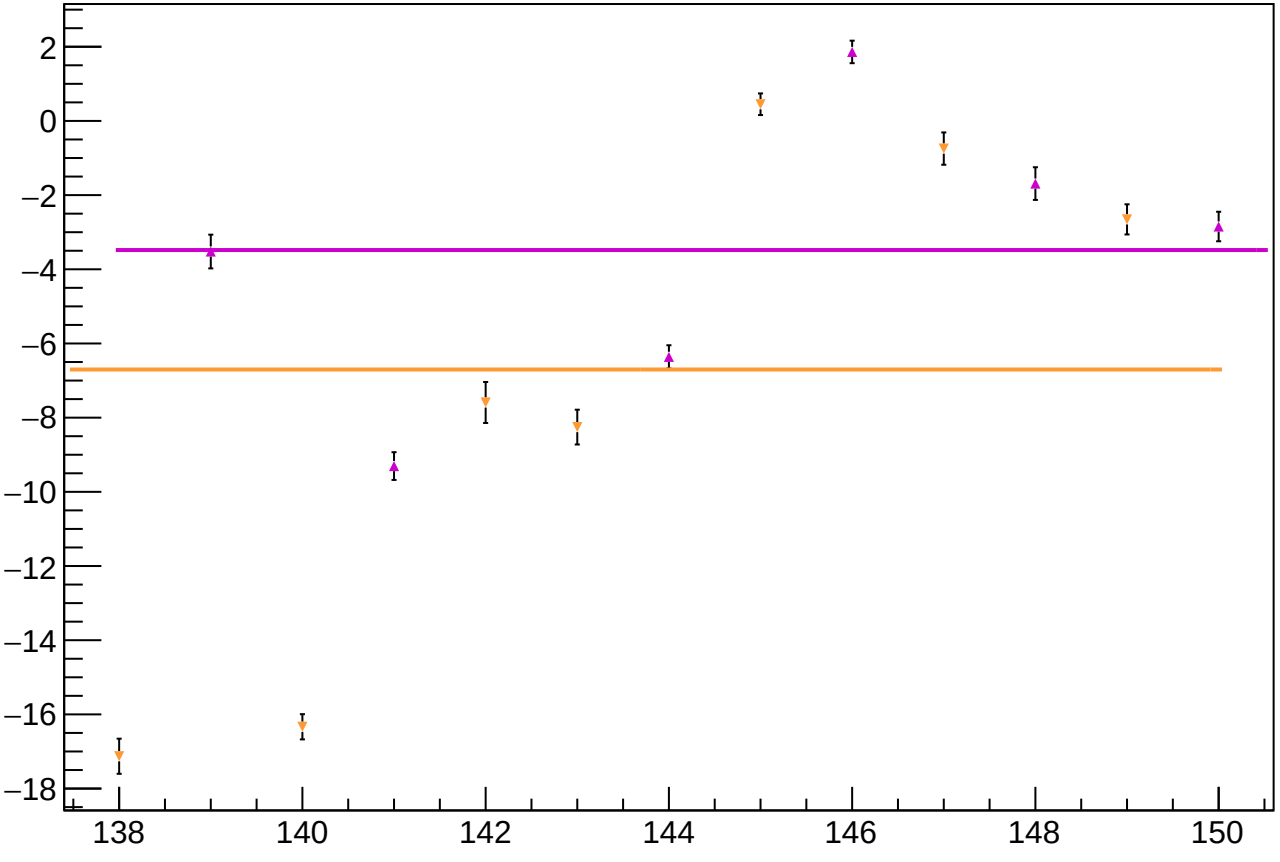
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.125+/-0.002 χ^2/NDF:232.8/5

Out: -0.112+/-0.002 χ^2/NDF:852.3/6

All: -0.118+/-0.002 χ^2/NDF: 1102.1/12

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: -6.701+/-0.151 χ^2/NDF:2187.0/6

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

Left In: -3.481+/-0.150 χ^2/NDF:656.4/5

Left: -5.081+/-0.106 χ^2/NDF: 3072.9/12

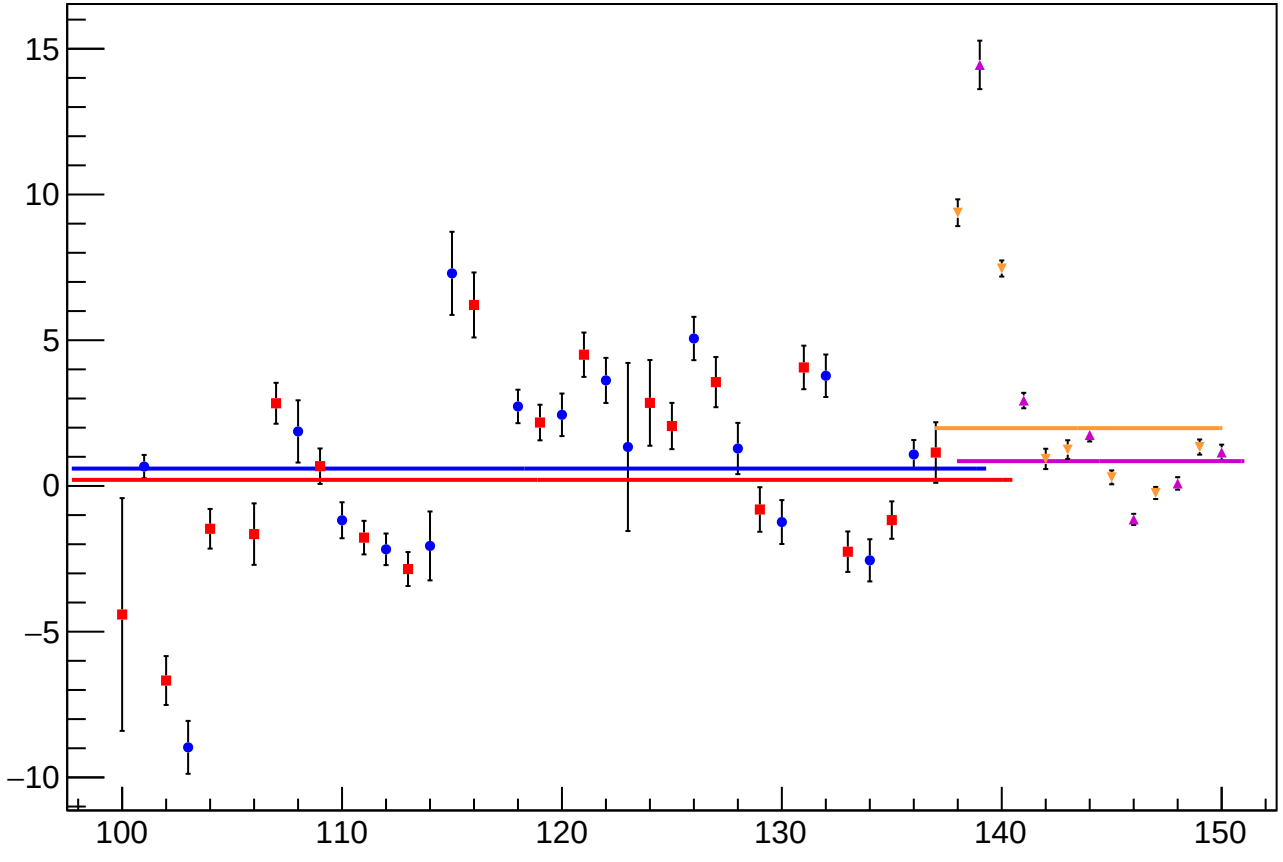
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.481+/-0.150 χ^2/NDF:656.4/5

Out: -6.701+/-0.151 χ^2/NDF:2187.0/6

All: -5.081+/-0.106 χ^2/NDF: 3072.9/12

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: 1.983+/-0.105 χ^2/NDF:837.6/6

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 0.852+/-0.101 χ^2/NDF:468.3/5

Left: 1.396+/-0.073 χ^2/NDF: 1366.7/12

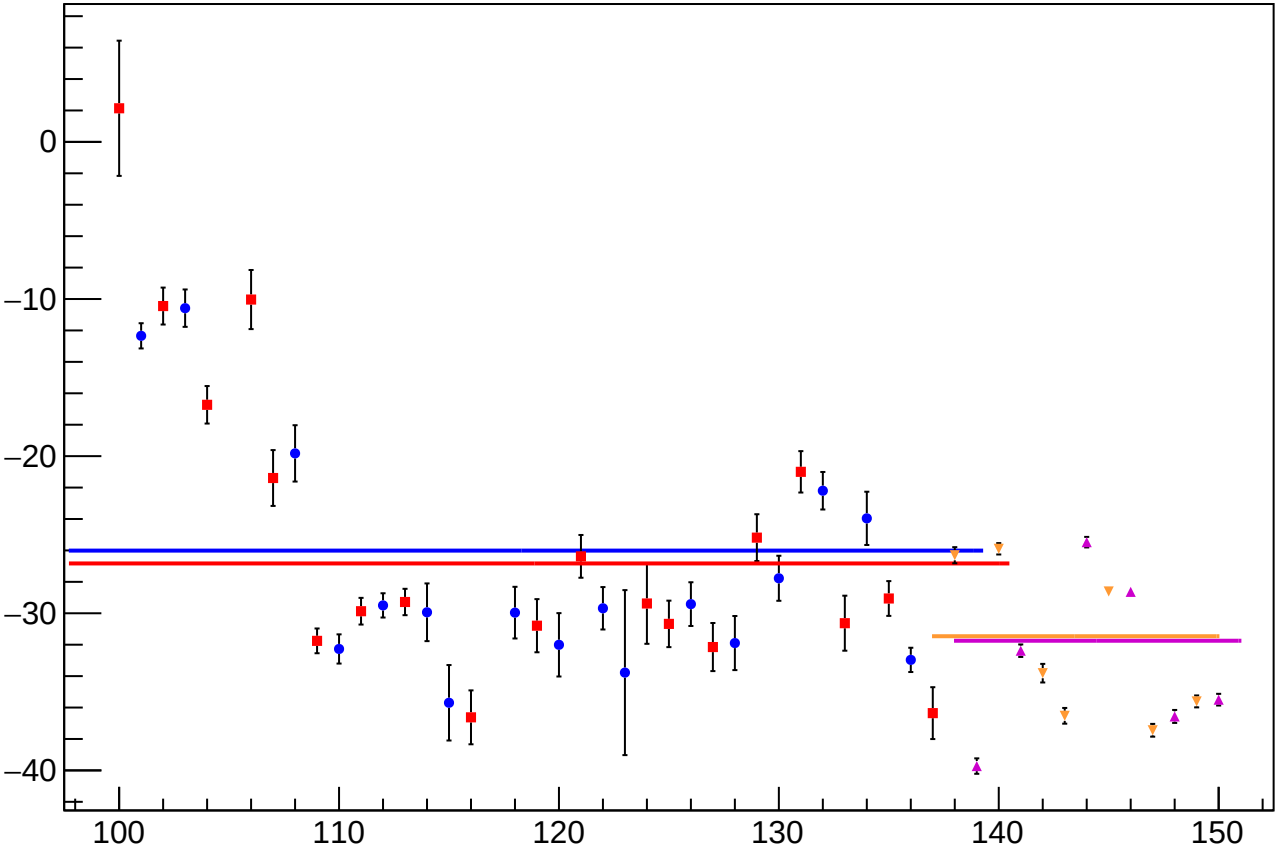
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 0.785+/-0.087 χ^2/NDF:761.2/22

Out: 1.515+/-0.090 χ^2/NDF:1187.1/25

All: 1.136+/-0.062 χ^2/NDF: 1982.5/48

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: -31.461+/-0.155 χ^2/NDF:875.8/6

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -31.748+/-0.150 χ^2/NDF:967.8/5

Left: -31.609+/-0.108 χ^2/NDF: 1845.4/12

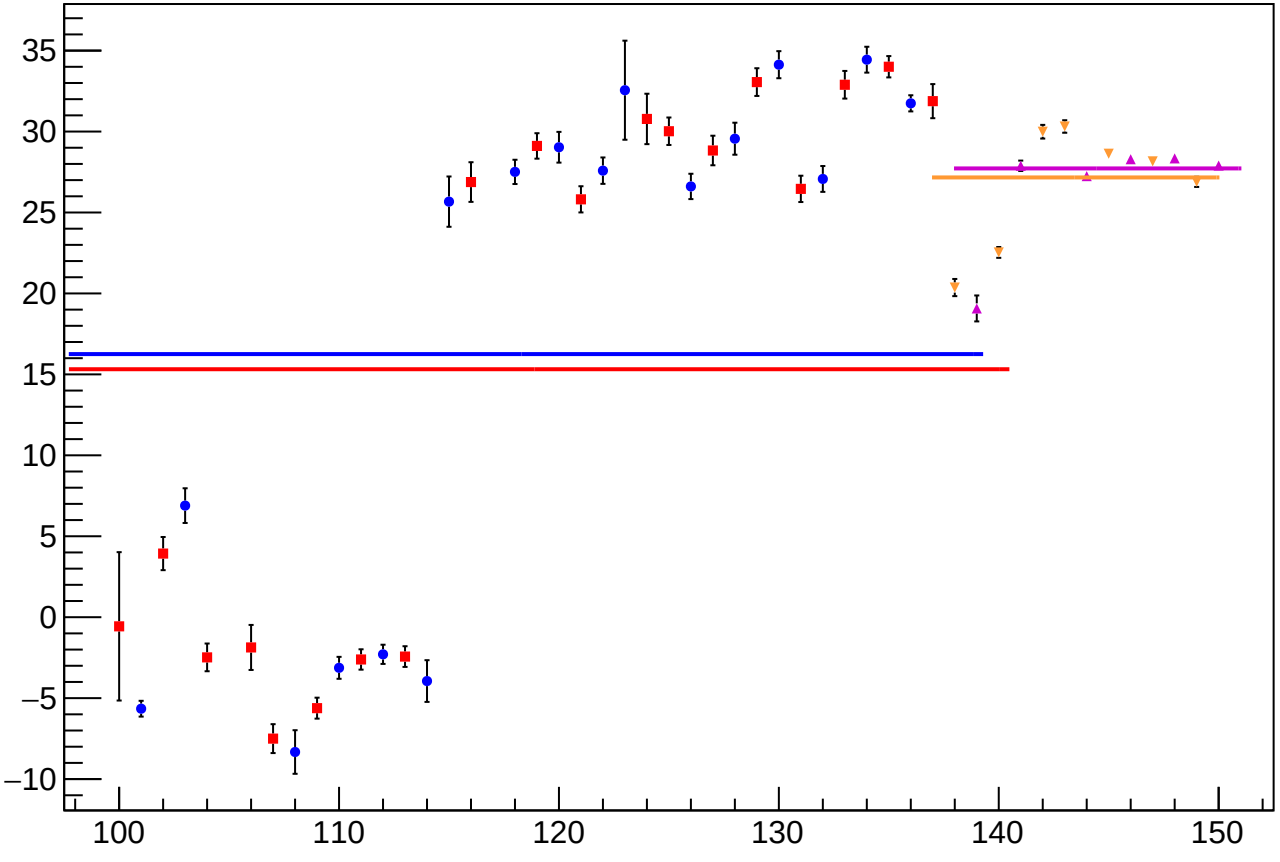
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -30.593+/-0.134 χ^2/NDF:1953.6/22

Out: -30.474+/-0.137 χ^2/NDF:1648.2/25

All: -30.535+/-0.096 χ^2/NDF: 3602.1/48

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.165+/-0.129 χ^2/NDF:509.1/6

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 27.722+/-0.124 χ^2/NDF:130.2/5

Left: 27.453+/-0.089 χ^2/NDF: 648.9/12

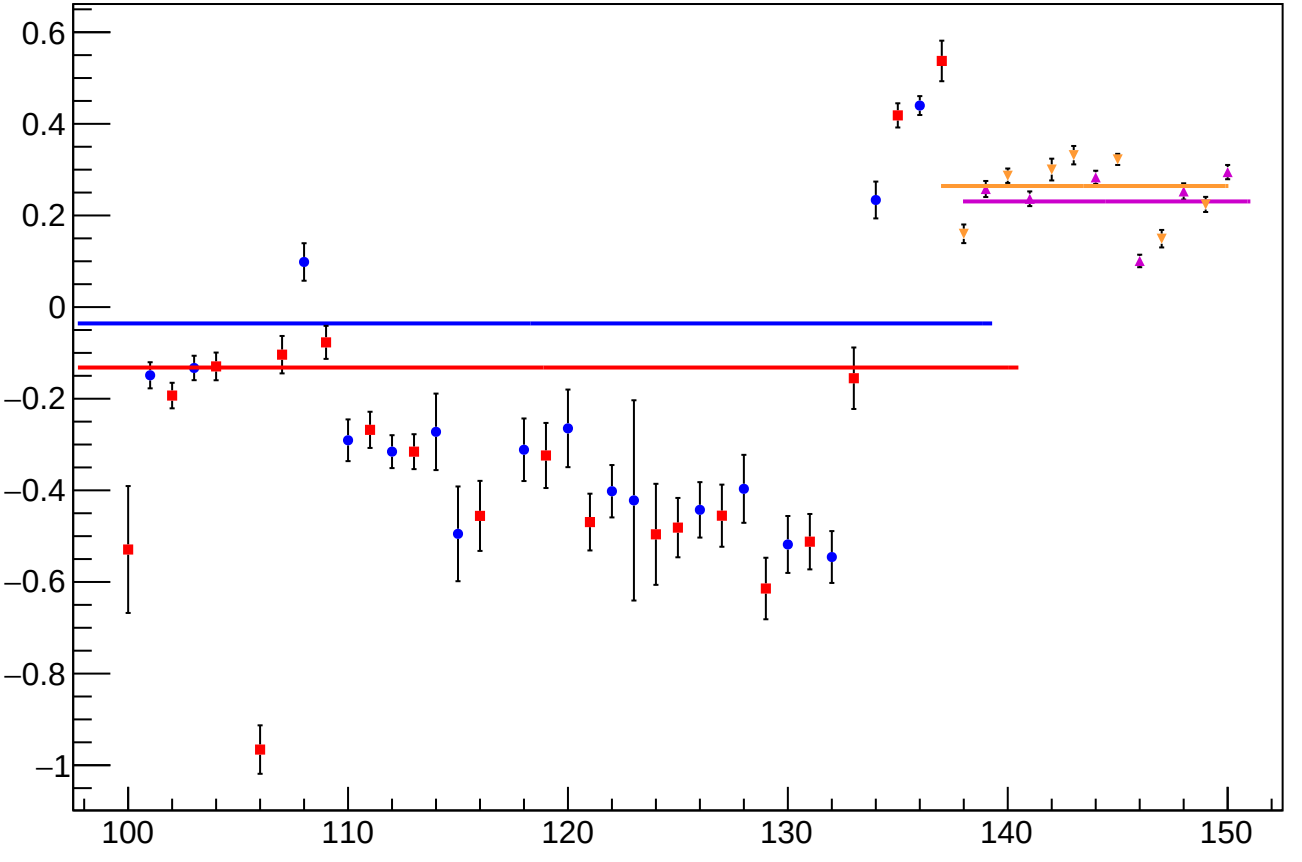
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 24.304+/-0.104 χ^2/NDF:10272.0/22

Out: 23.625+/-0.108 χ^2/NDF:10325.2/25

All: 23.975+/-0.075 χ^2/NDF: 20617.8/48

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: 0.264+/-0.006 χ^2/NDF:106.9/6

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.231+/-0.006 χ^2/NDF:124.5/5

Left: 0.247+/-0.005 χ^2/NDF: 245.1/12

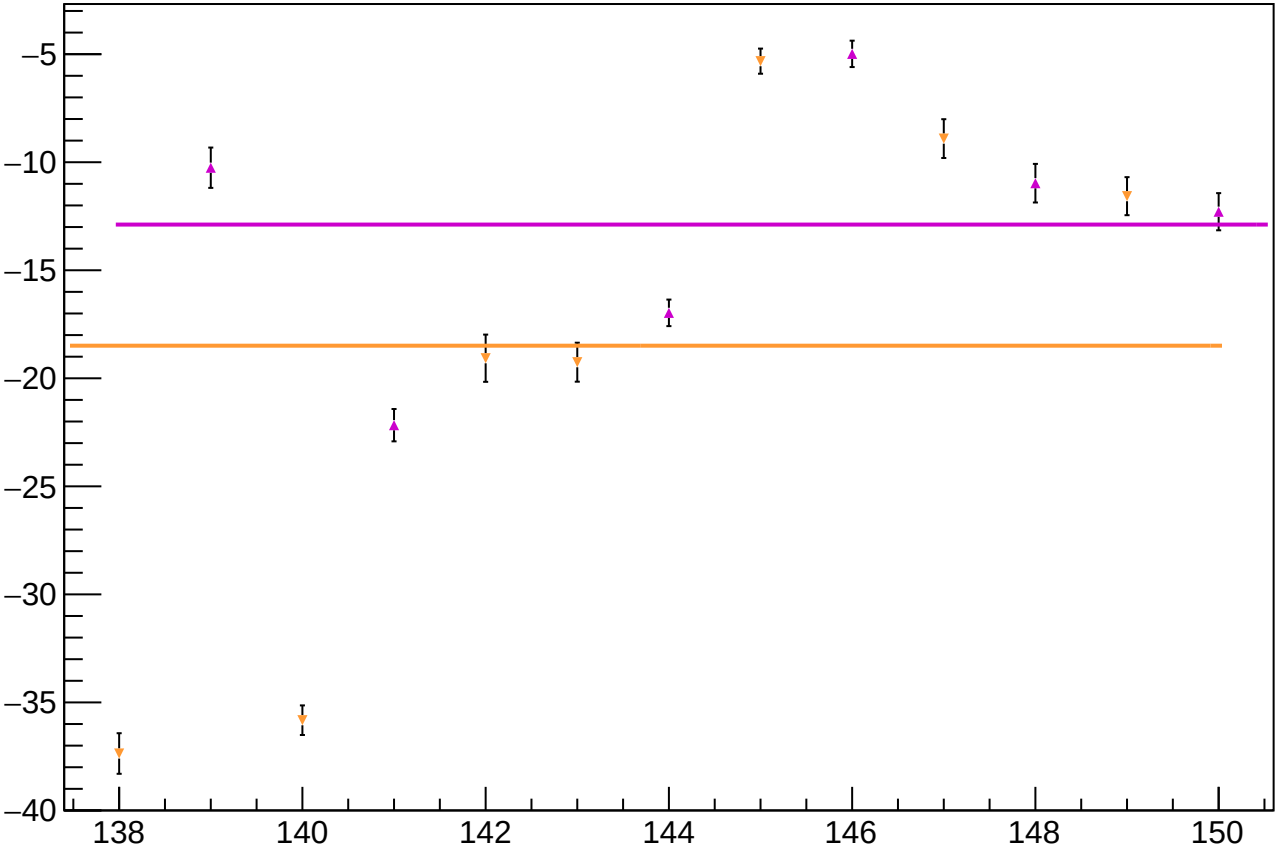
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.157+/-0.005 χ^2/NDF:1621.2/22

Out: 0.153+/-0.005 χ^2/NDF:2330.6/25

All: 0.155+/-0.004 χ^2/NDF: 3952.0/48

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.491+/-0.304 χ^2/NDF:1733.9/6

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

Left In: -12.886+/-0.303 χ^2/NDF:378.6/5

Left: -15.681+/-0.215 χ^2/NDF: 2282.9/12

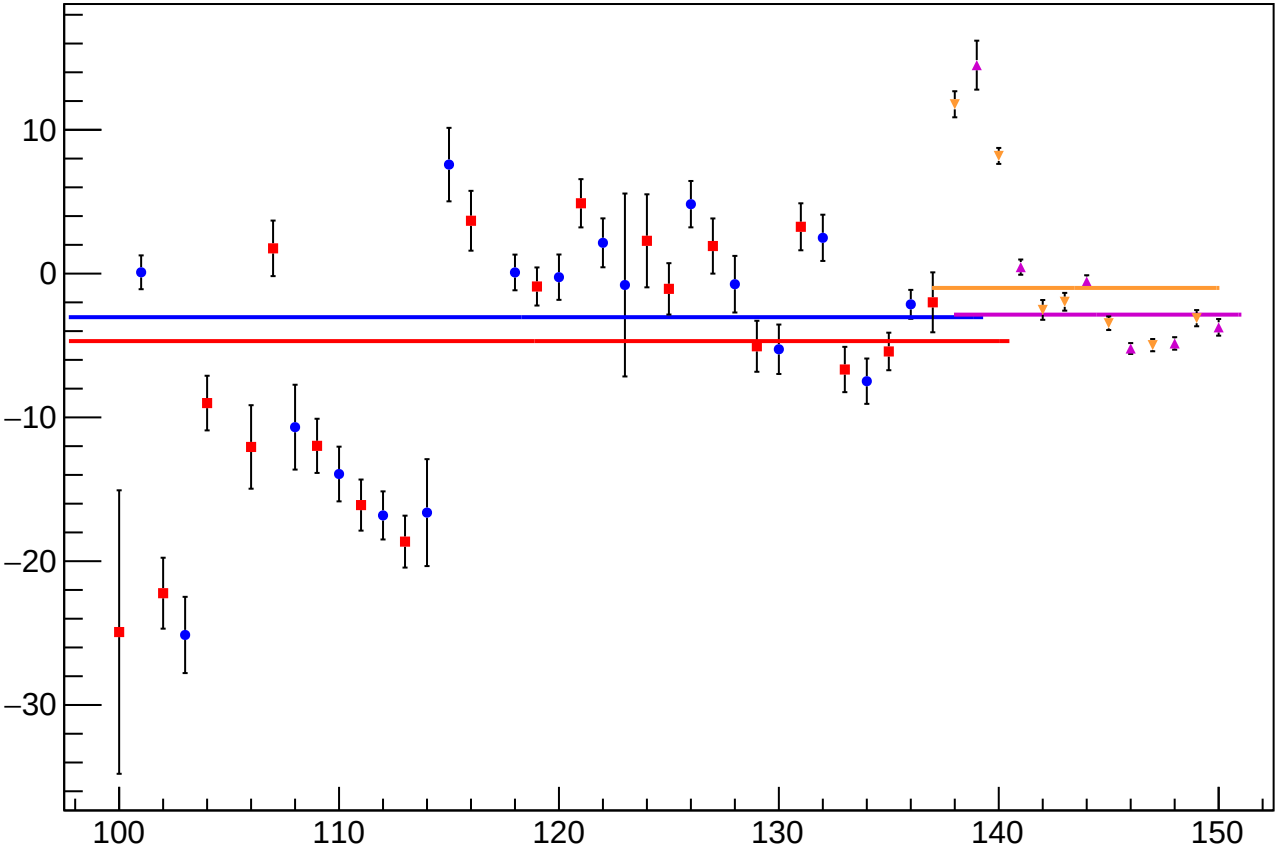
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.886+/-0.303 χ^2/NDF:378.6/5

Out: -18.491+/-0.304 χ^2/NDF:1733.9/6

All: -15.681+/-0.215 χ^2/NDF: 2282.9/12

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: -0.996+/-0.212 χ^2/NDF:607.5/6

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -2.853+/-0.202 χ^2/NDF:232.8/5

Left: -1.966+/-0.146 χ^2/NDF: 880.5/12

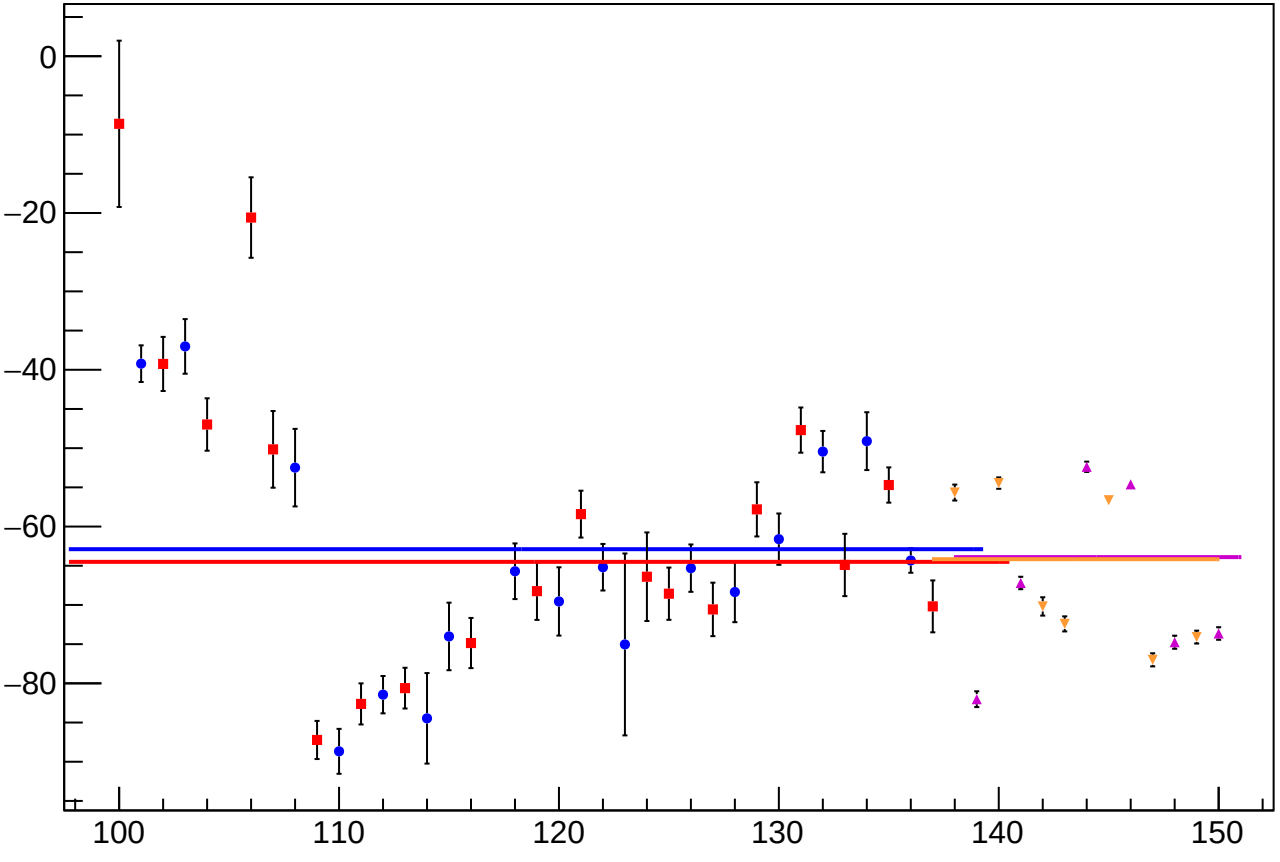
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -2.888+/-0.181 χ^2/NDF:513.7/22

Out: -1.726+/-0.190 χ^2/NDF:966.1/25

All: -2.333+/-0.131 χ^2/NDF: 1499.4/48

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: -64.164+/-0.313 χ^2/NDF:875.9/6

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -63.897+/-0.305 χ^2/NDF:1212.0/5

Left: -64.027+/-0.219 χ^2/NDF: 2088.3/12

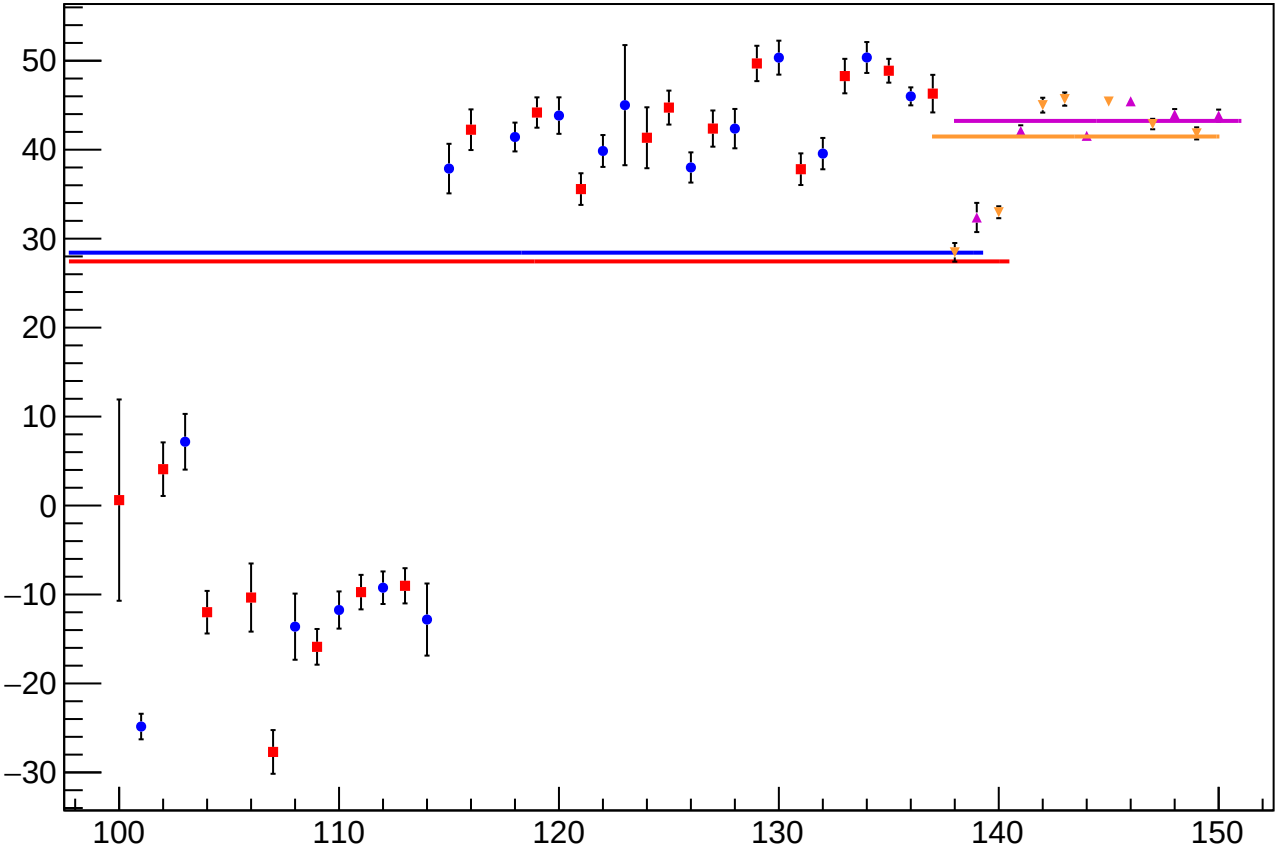
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -63.750+/-0.282 χ^2/NDF:1582.3/22

Out: -64.214+/-0.289 χ^2/NDF:1320.1/25

All: -63.976+/-0.202 χ^2/NDF: 2903.8/48

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 41.481+/-0.260 χ^2/NDF:422.8/6

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 43.235+/-0.251 χ^2/NDF:81.0/5

Left: 42.389+/-0.181 χ^2/NDF: 527.4/12

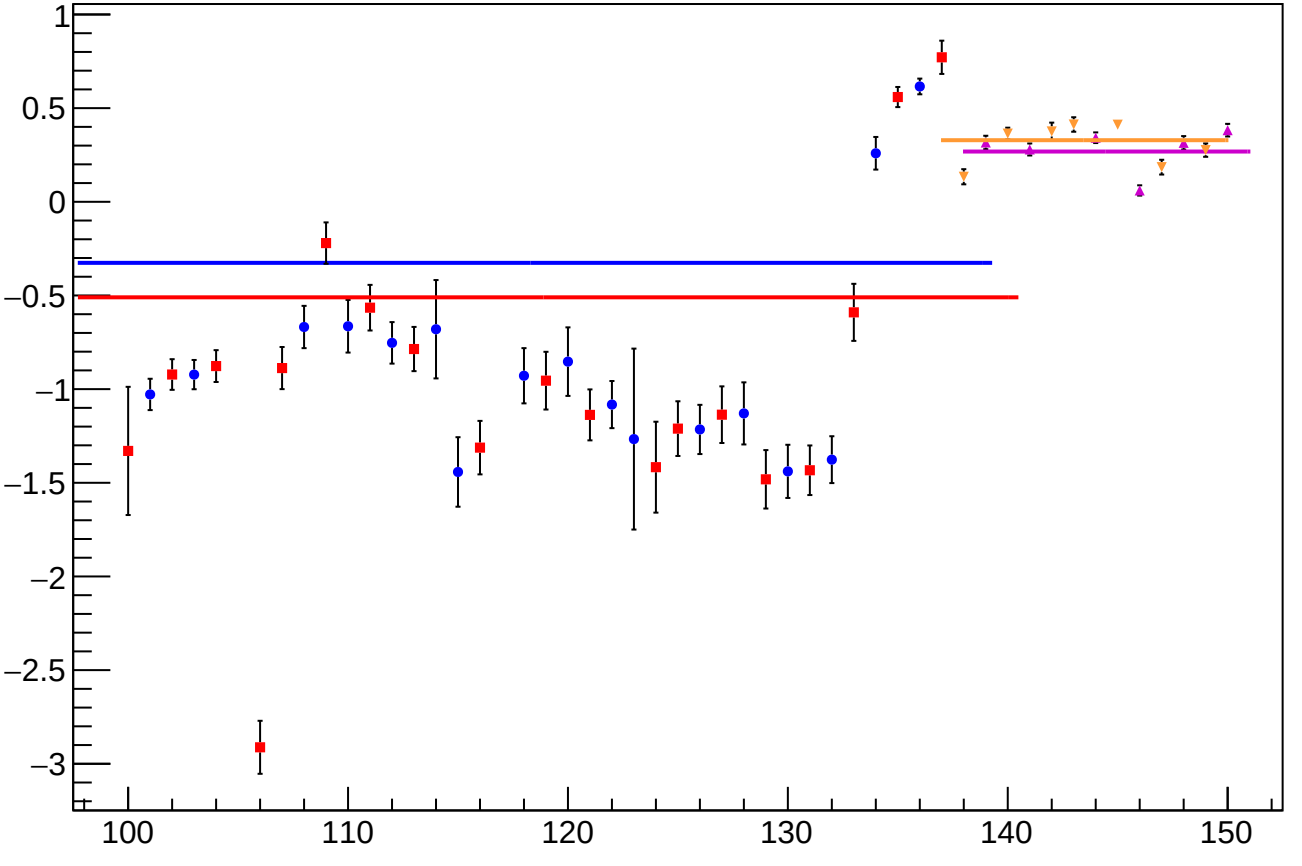
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 39.803+/-0.220 χ^2/NDF:4217.9/22

Out: 38.284+/-0.228 χ^2/NDF:4120.3/25

All: 39.071+/-0.158 χ^2/NDF: 8361.1/48

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: 0.329+/-0.013 χ^2/NDF:57.4/6

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.268+/-0.013 χ^2/NDF:79.1/5

Left: 0.298+/-0.009 χ^2/NDF: 147.4/12

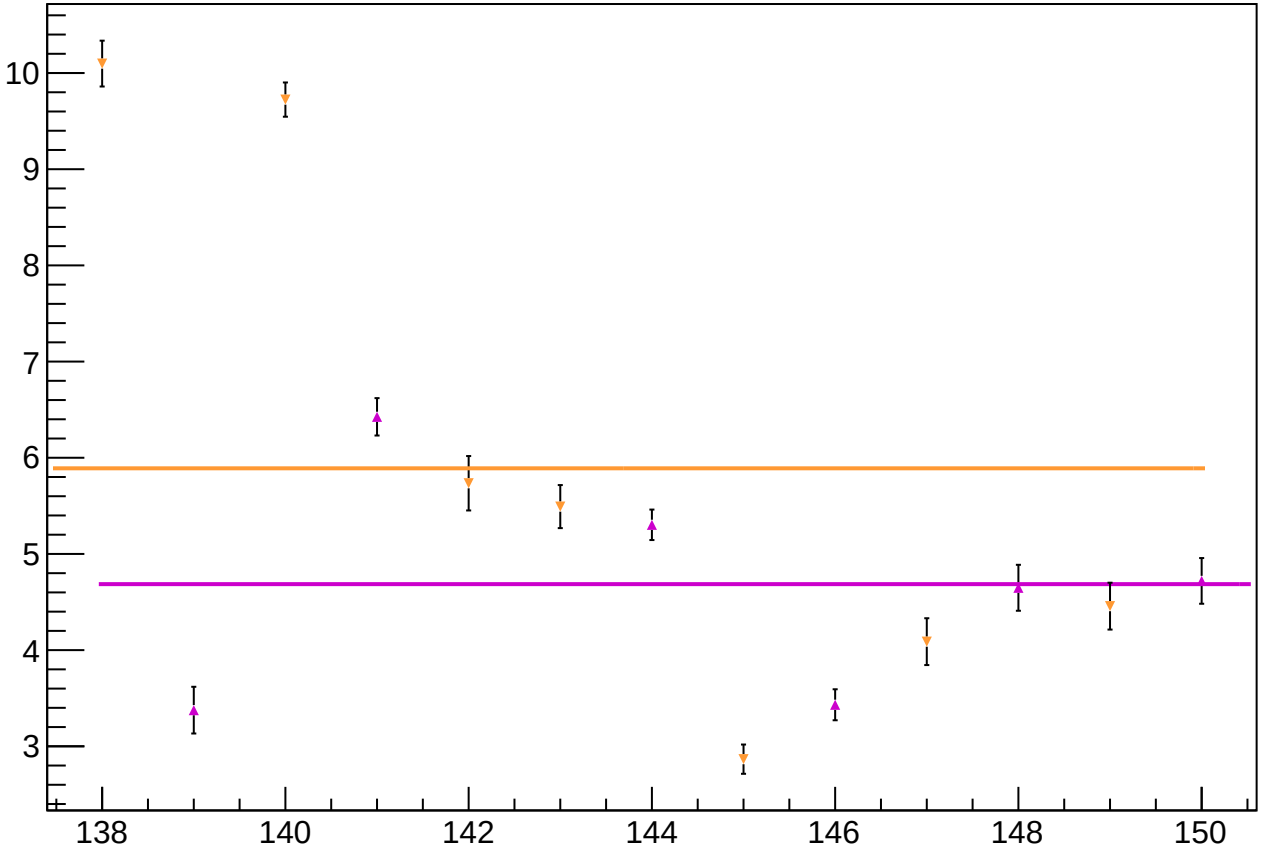
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.142+/-0.011 χ^2/NDF:1540.5/22

Out: 0.157+/-0.012 χ^2/NDF:2073.2/25

All: 0.149+/-0.008 χ^2/NDF: 3614.4/48

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 5.890+/-0.079 χ^2/NDF:1263.3/6

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

Left In: 4.686+/-0.080 χ^2/NDF:184.9/5

Left: 5.291+/-0.056 χ^2/NDF: 1562.7/12

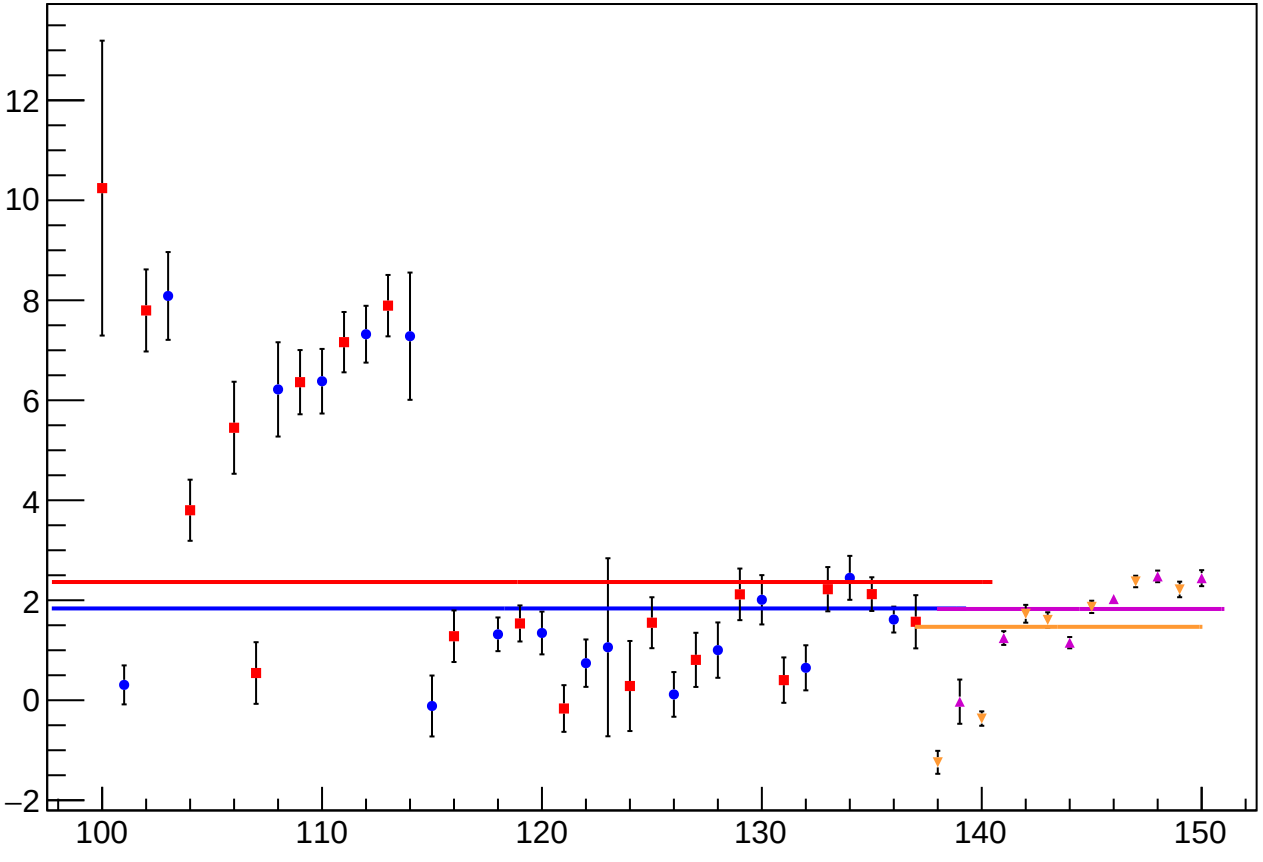
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.686+/-0.080 χ^2/NDF:184.9/5

Out: 5.890+/-0.079 χ^2/NDF:1263.3/6

All: 5.291+/-0.056 χ^2/NDF: 1562.7/12

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 1.469+/-0.056 χ^2/NDF:399.6/6

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.826+/-0.053 χ^2/NDF:121.6/5

Left: 1.655+/-0.038 χ^2/NDF: 542.8/12

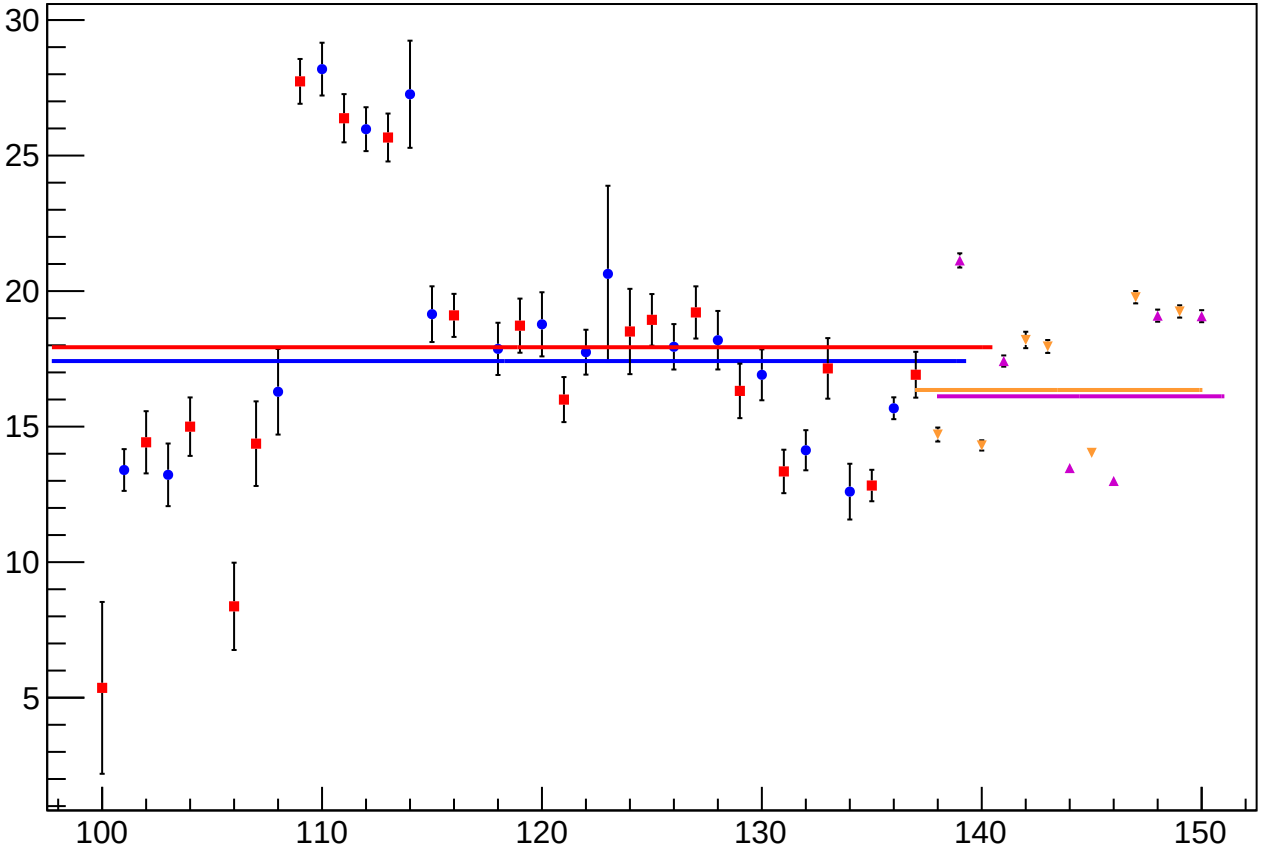
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.827+/-0.048 χ^2/NDF:416.5/22

Out: 1.621+/-0.051 χ^2/NDF:780.3/25

All: 1.729+/-0.035 χ^2/NDF: 1205.5/48

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 16.352+/-0.082 χ^2/NDF:833.3/6

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 16.118+/-0.080 χ^2/NDF:1409.0/5

Left: 16.233+/-0.057 χ^2/NDF: 2246.4/12

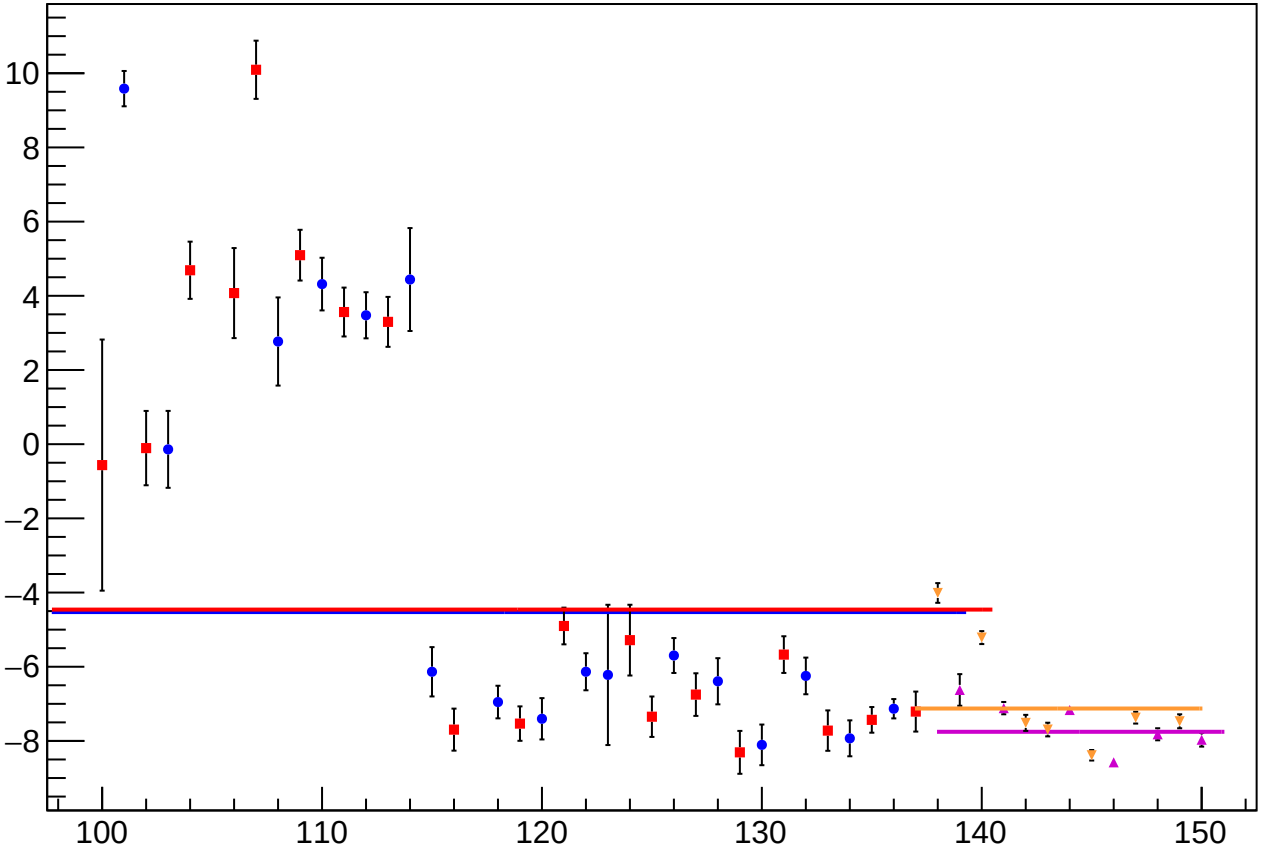
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 16.282+/-0.075 χ^2/NDF:1808.8/22

Out: 16.547+/-0.077 χ^2/NDF:1385.2/25

All: 16.411+/-0.054 χ^2/NDF: 3200.0/48

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: -7.126+/-0.068 χ^2/NDF:354.8/6

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.754+/-0.066 χ^2/NDF:86.4/5

Left: -7.450+/-0.047 χ^2/NDF: 485.0/12

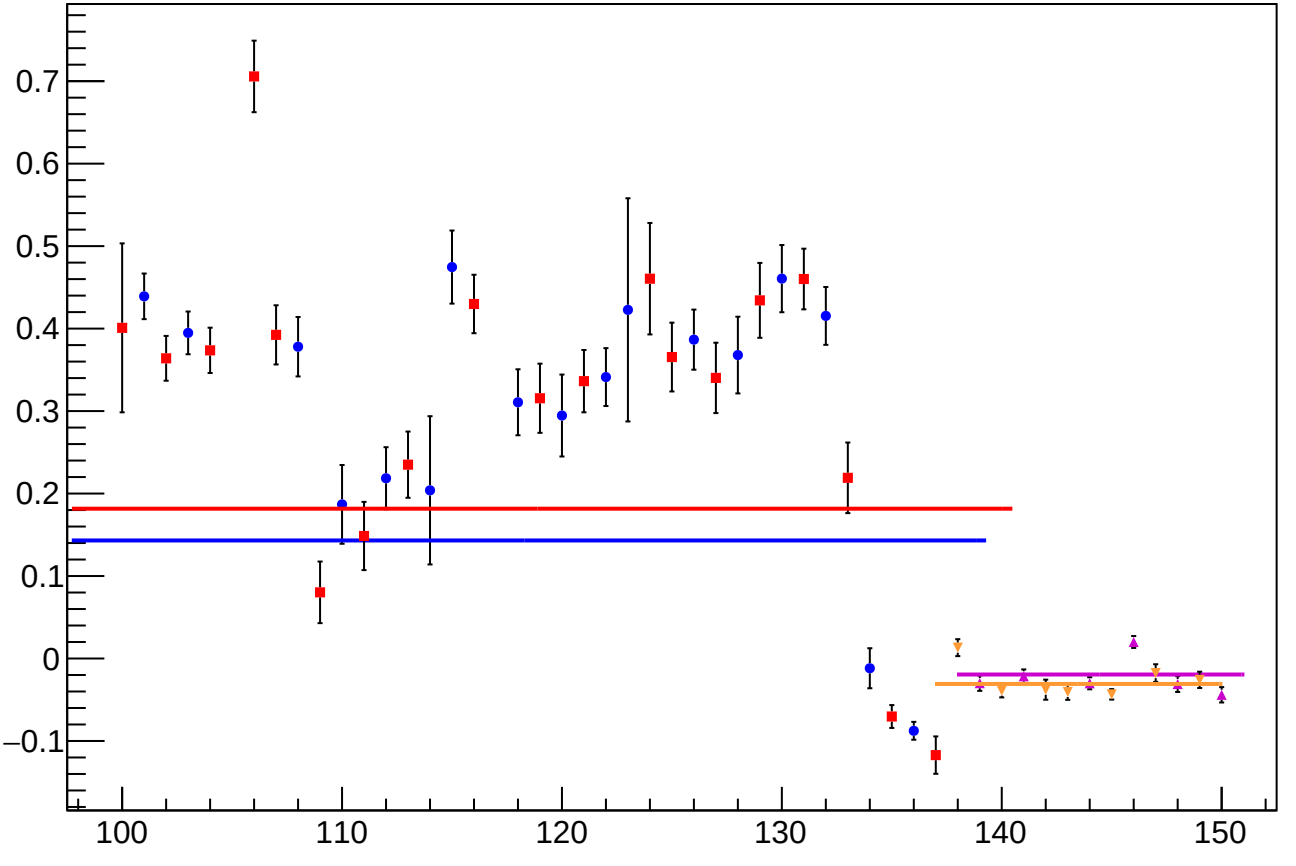
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -7.088+/-0.059 χ^2/NDF:2169.6/22

Out: -6.597+/-0.061 χ^2/NDF:1997.6/25

All: -6.851+/-0.042 χ^2/NDF: 4200.7/48

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: -0.031+/-0.003 χ^2/NDF:26.4/6

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.019+/-0.003 χ^2/NDF:41.7/5

Left: -0.025+/-0.002 χ^2/NDF: 73.7/12

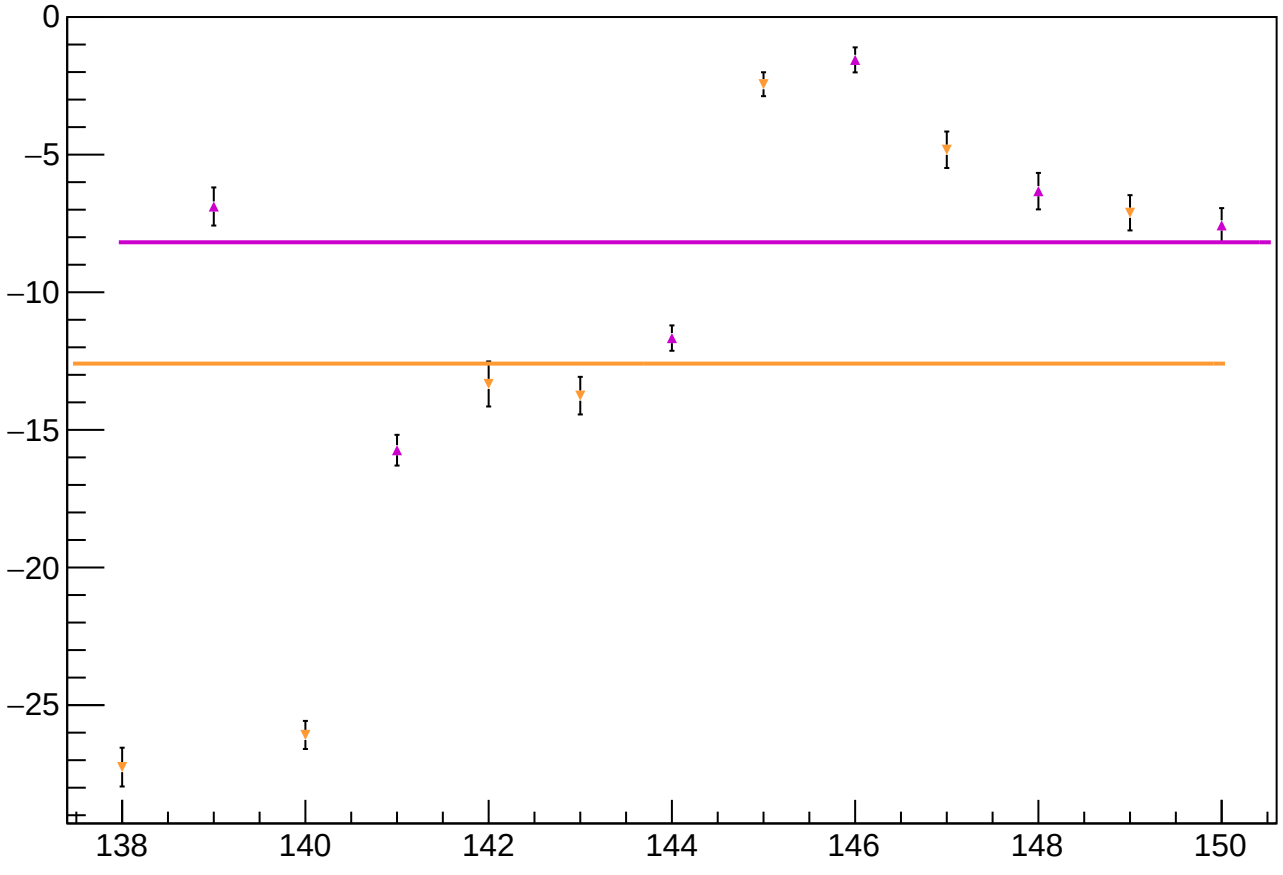
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.011+/-0.003 χ^2/NDF:1532.6/22

Out: 0.007+/-0.003 χ^2/NDF:1715.7/25

All: 0.009+/-0.002 χ^2/NDF: 3249.6/48

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.592+/-0.226 χ^2/NDF:1892.1/6

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

Left In: -8.184+/-0.226 χ^2/NDF:464.9/5

Left: -10.379+/-0.160 χ^2/NDF: 2547.2/12

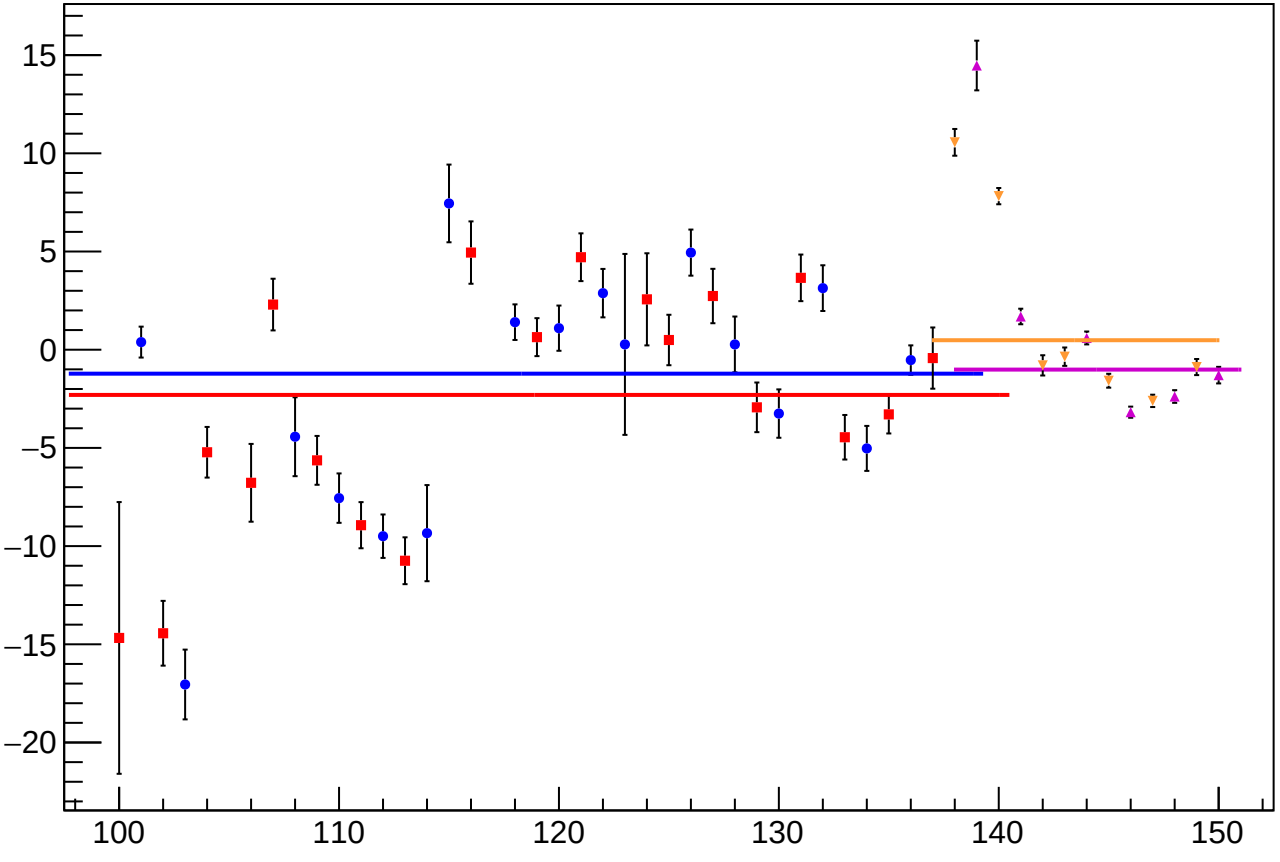
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.184+/-0.226 χ^2/NDF:464.9/5

Out: -12.592+/-0.226 χ^2/NDF:1892.1/6

All: -10.379+/-0.160 χ^2/NDF: 2547.2/12

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 0.483+/-0.157 χ^2/NDF:683.7/6

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: -1.012+/-0.151 χ^2/NDF:297.8/5

Left: -0.296+/-0.109 χ^2/NDF: 1028.5/12

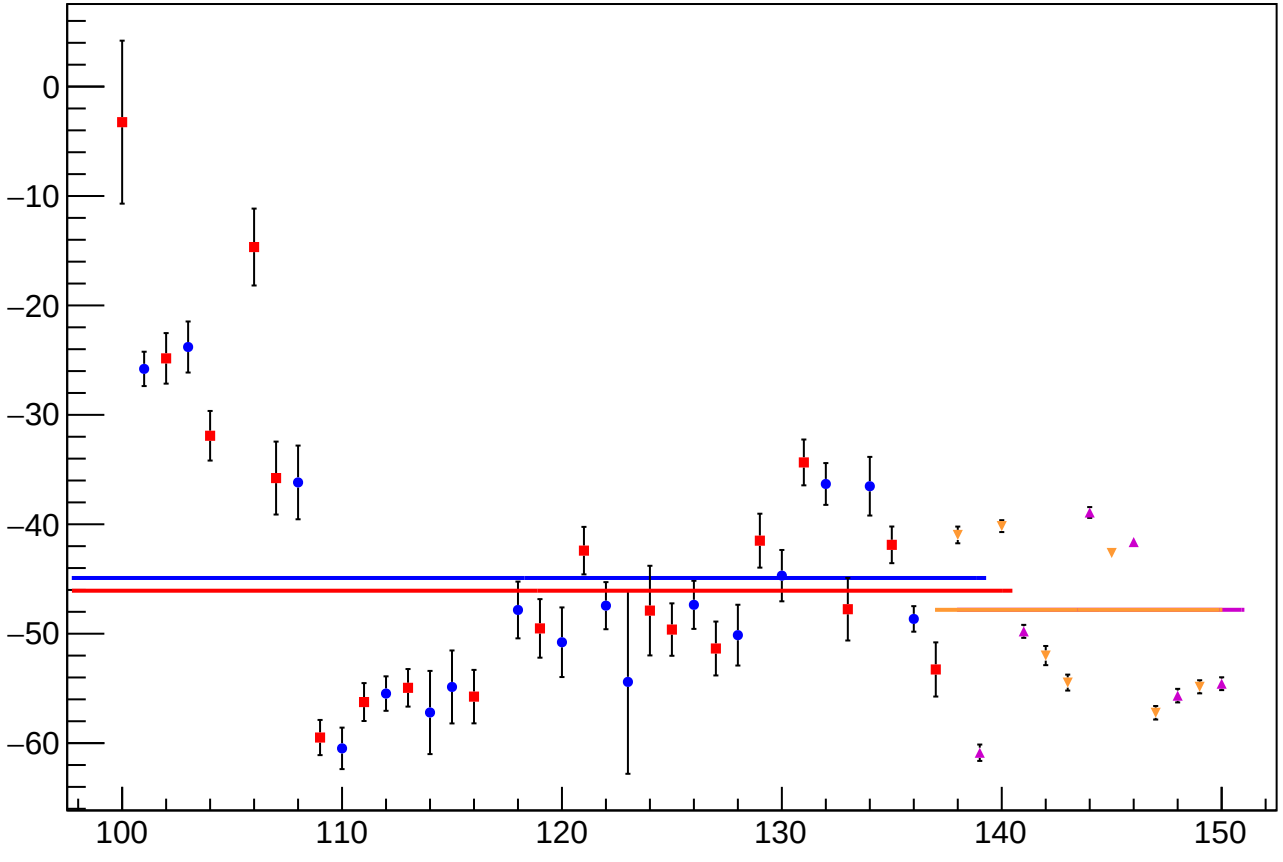
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: -1.056+/-0.134 χ^2/NDF:576.8/22

Out: -0.110+/-0.140 χ^2/NDF:1036.6/25

All: -0.604+/-0.097 χ^2/NDF: 1637.4/48

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: -47.818+/-0.233 χ^2/NDF:880.7/6

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -47.814+/-0.227 χ^2/NDF:1133.2/5

Left: -47.816+/-0.163 χ^2/NDF: 2013.9/12

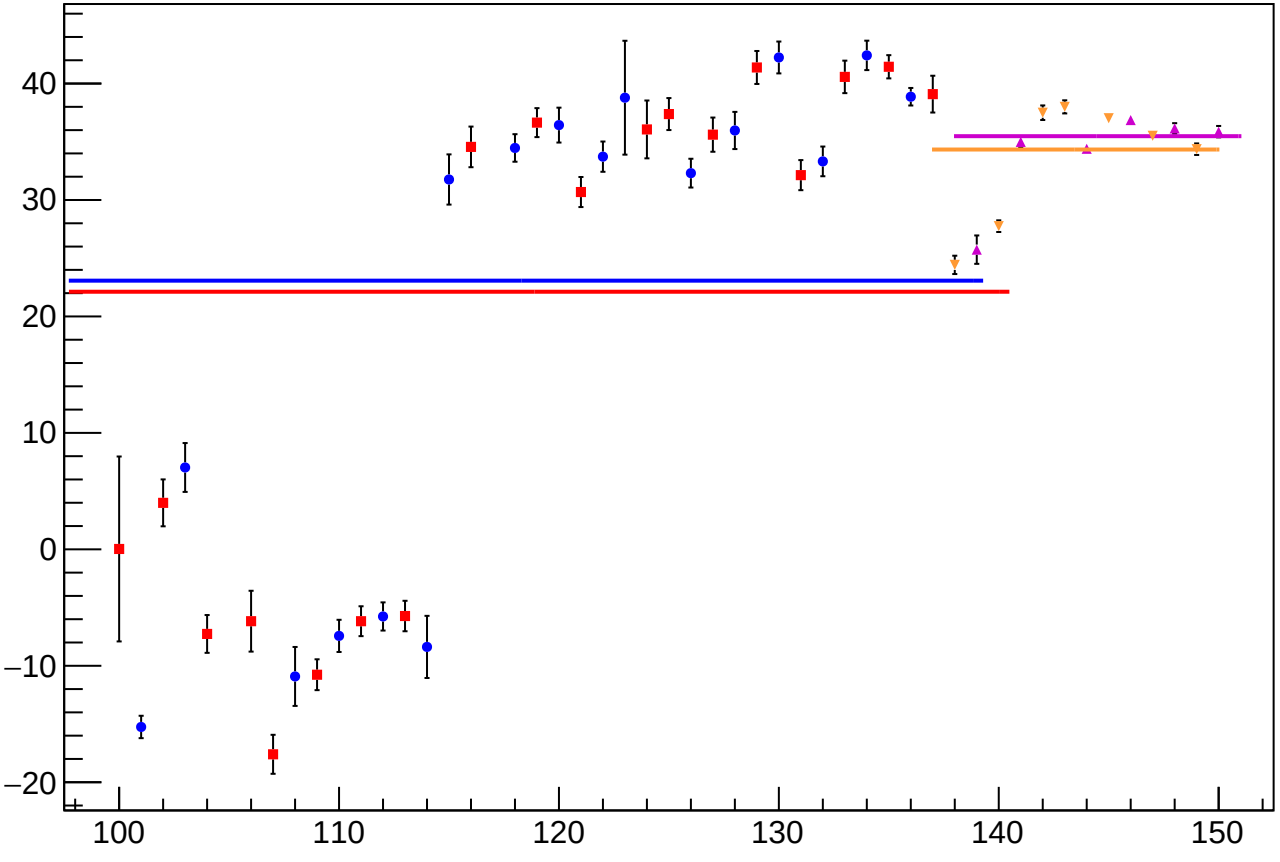
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -47.354+/-0.208 χ^2/NDF:1580.4/22

Out: -47.533+/-0.213 χ^2/NDF:1343.9/25

All: -47.441+/-0.149 χ^2/NDF: 2924.6/48

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.334+/-0.193 χ^2/NDF:449.9/6

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 35.480+/-0.187 χ^2/NDF:90.6/5

Left: 34.927+/-0.134 χ^2/NDF: 558.7/12

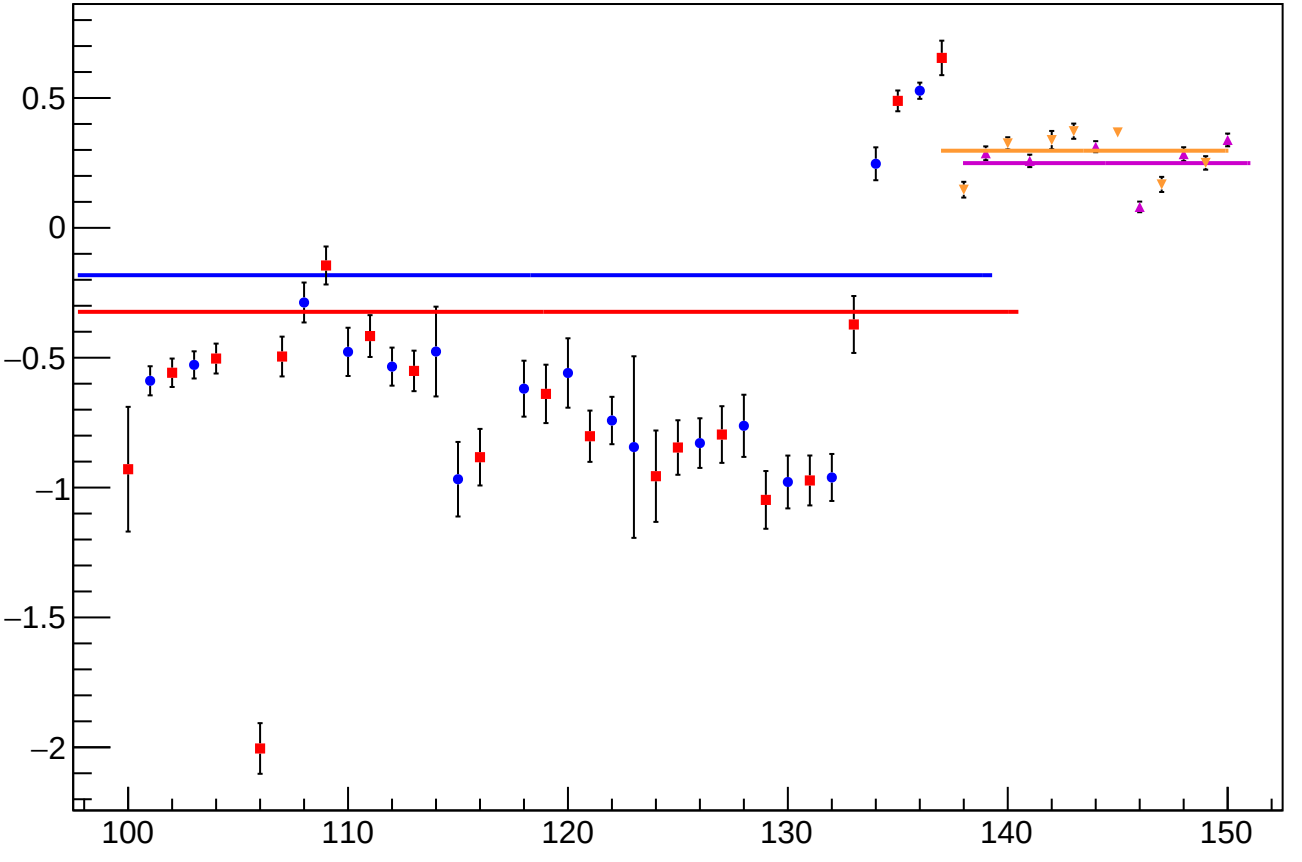
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 32.412+/-0.162 χ^2/NDF:5526.9/22

Out: 31.347+/-0.168 χ^2/NDF:5459.5/25

All: 31.899+/-0.117 χ^2/NDF: 11007.2/48

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: 0.297+/-0.010 χ^2/NDF:72.2/6

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.249+/-0.010 χ^2/NDF:93.9/5

Left: 0.273+/-0.007 χ^2/NDF: 178.3/12

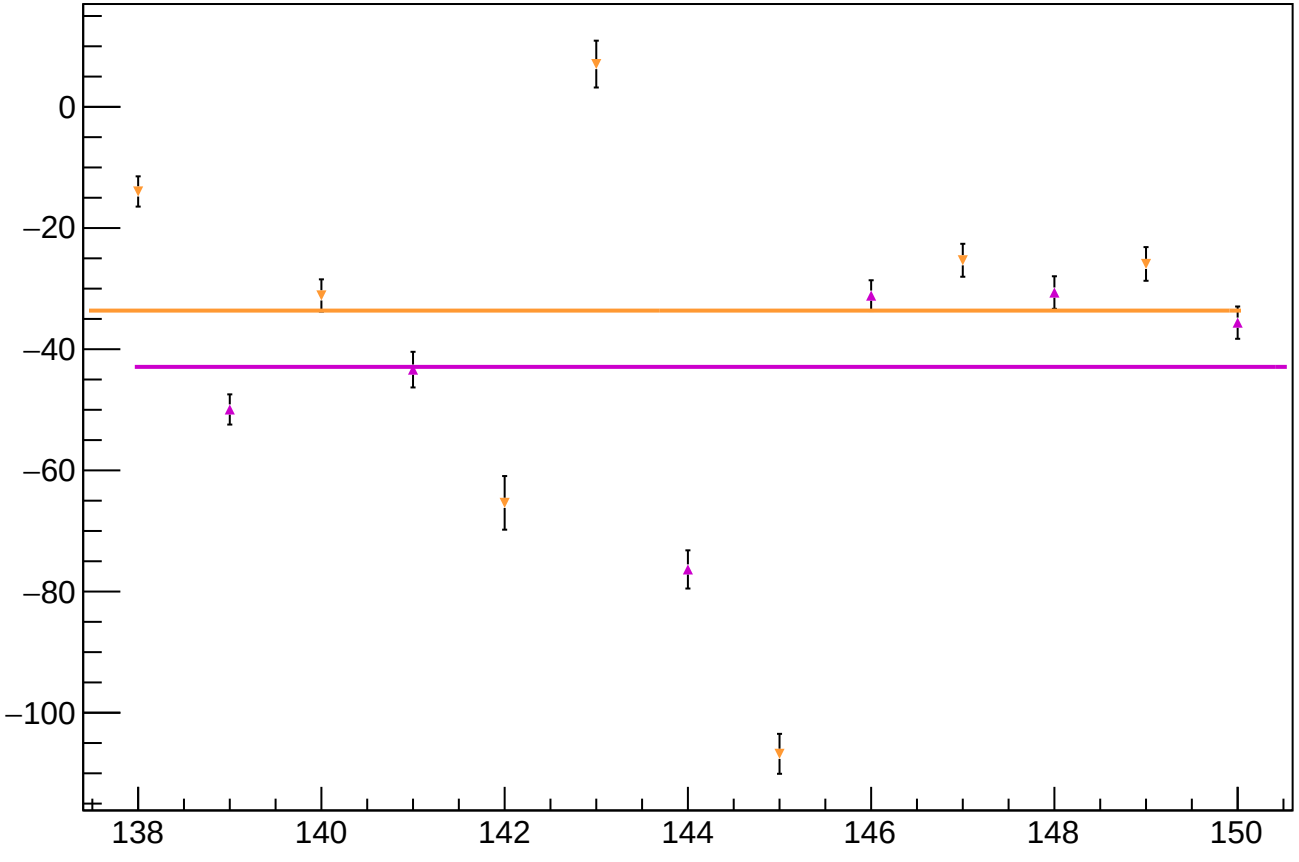
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.151+/-0.008 χ^2/NDF:1549.8/22

Out: 0.159+/-0.009 χ^2/NDF:2163.3/25

All: 0.155+/-0.006 χ^2/NDF: 3713.5/48

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.625+/-1.134 χ^2/NDF:734.7/6

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

Left In: -42.915+/-1.110 χ^2/NDF:170.2/5

Left: -38.370+/-0.793 χ^2/NDF: 939.1/12

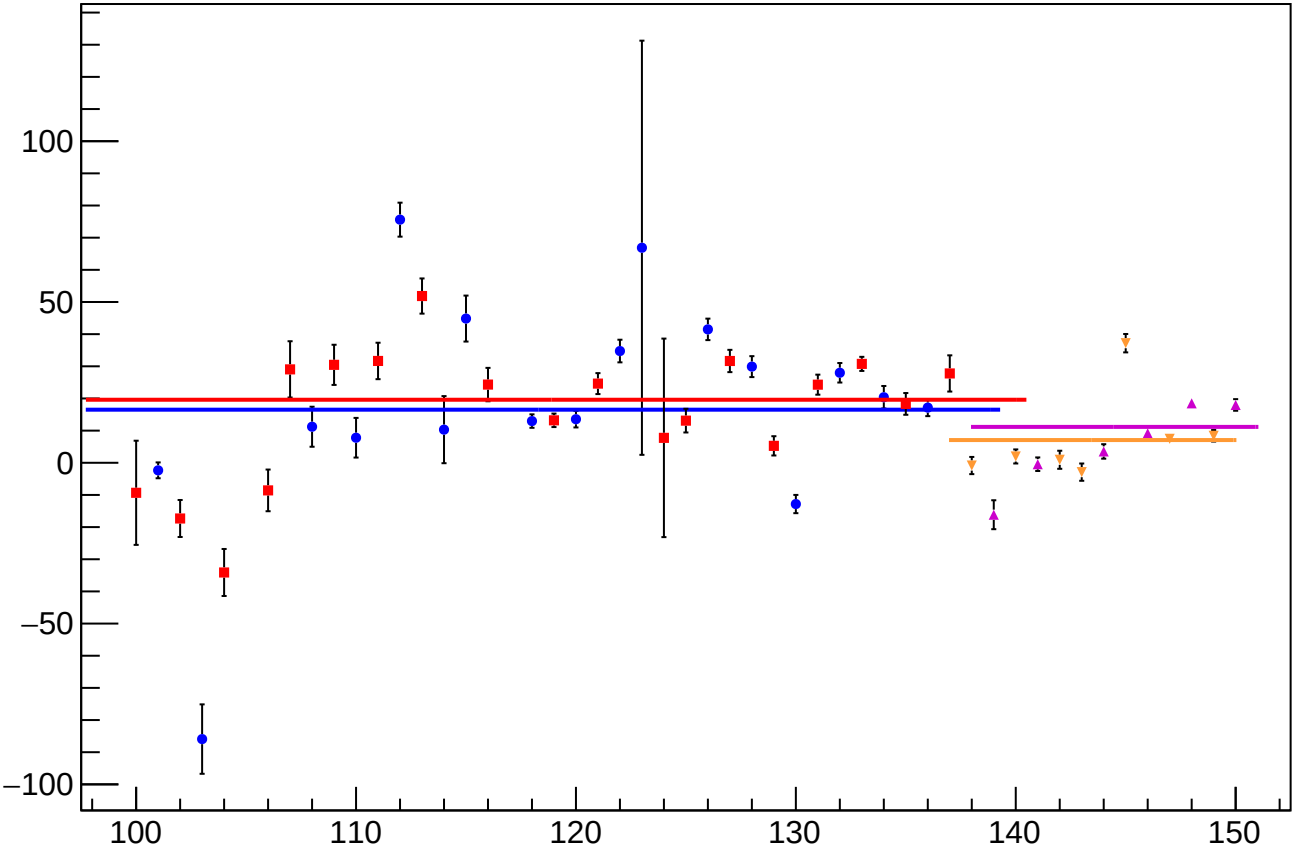
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.915+/-1.110 χ^2/NDF:170.2/5

Out: -33.625+/-1.134 χ^2/NDF:734.7/6

All: -38.370+/-0.793 χ^2/NDF: 939.1/12

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 7.066+/-0.779 χ^2/NDF:144.5/6

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 11.162+/-0.741 χ^2/NDF:126.2/5

Left: 9.215+/-0.537 χ^2/NDF: 285.2/12

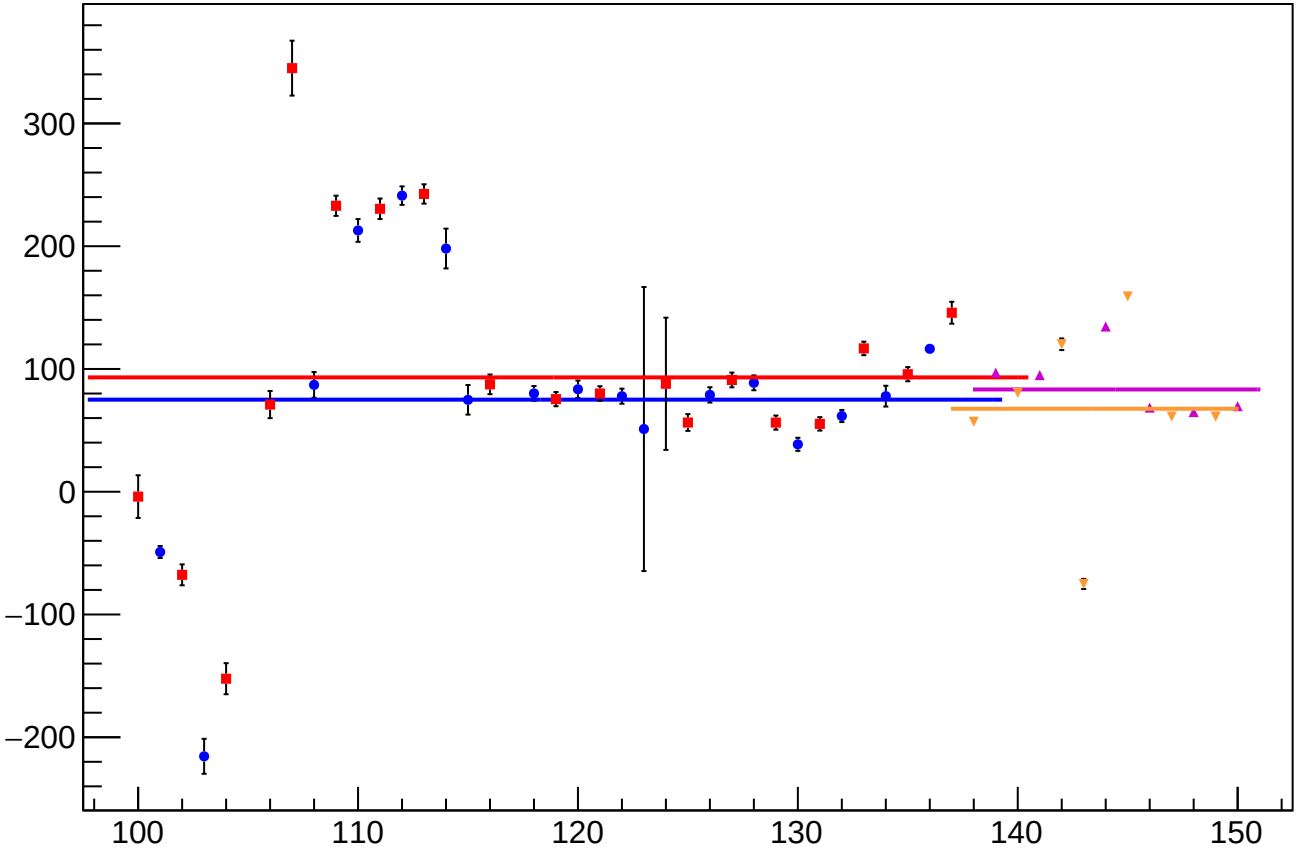
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 13.481+/-0.558 χ^2/NDF:668.4/22

Out: 12.446+/-0.588 χ^2/NDF:497.7/25

All: 12.991+/-0.405 χ^2/NDF: 1167.7/48

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 67.592+/-1.152 χ^2/NDF:2082.4/6

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 83.313+/-1.108 χ^2/NDF:391.3/5

Left: 75.763+/-0.798 χ^2/NDF: 2570.5/12

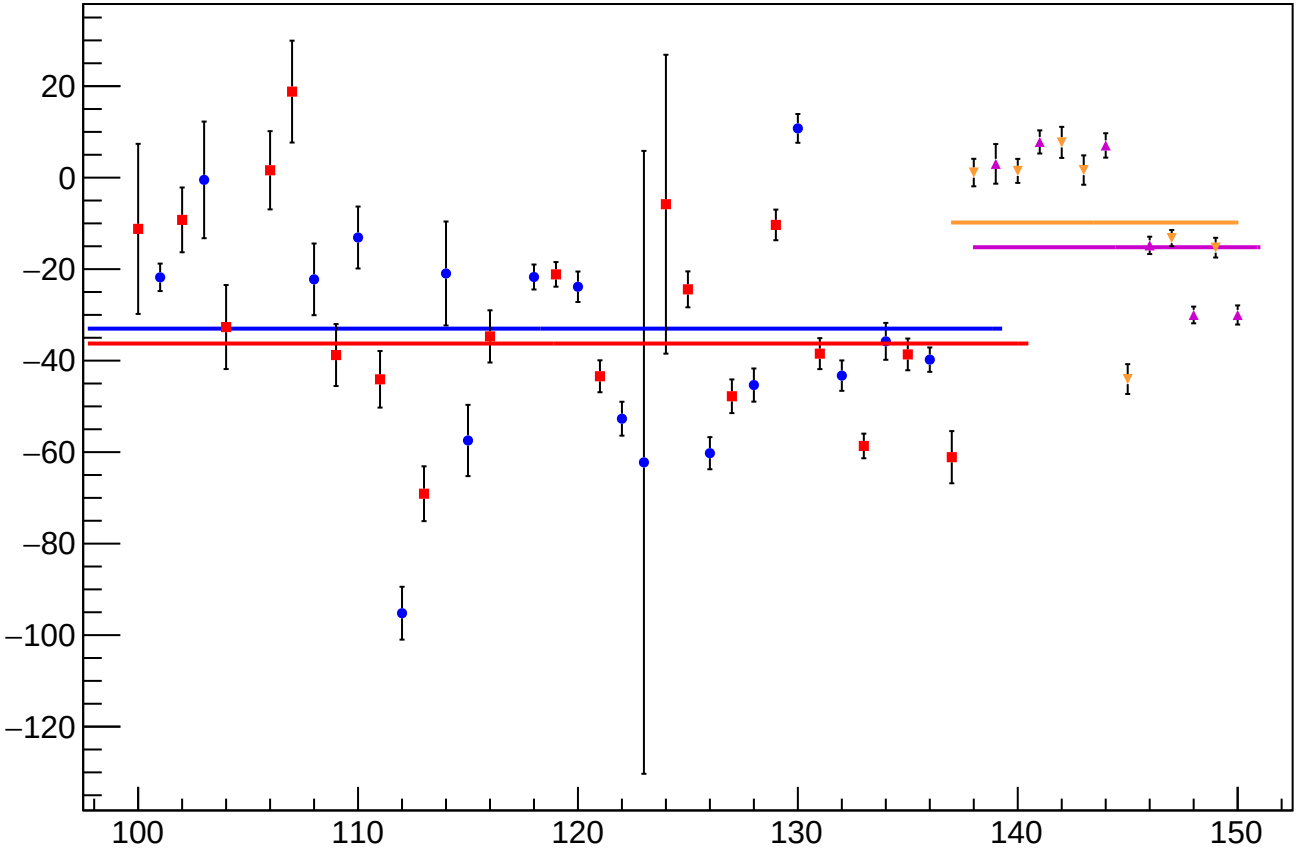
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 80.703+/-0.917 χ^2/NDF:2408.3/22

Out: 75.562+/-0.956 χ^2/NDF:4238.1/25

All: 78.238+/-0.662 χ^2/NDF: 6661.5/48

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -9.809+/-0.969 χ^2/NDF:191.4/6

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -15.212+/-0.930 χ^2/NDF:286.1/5

Left: -12.622+/-0.671 χ^2/NDF: 493.6/12

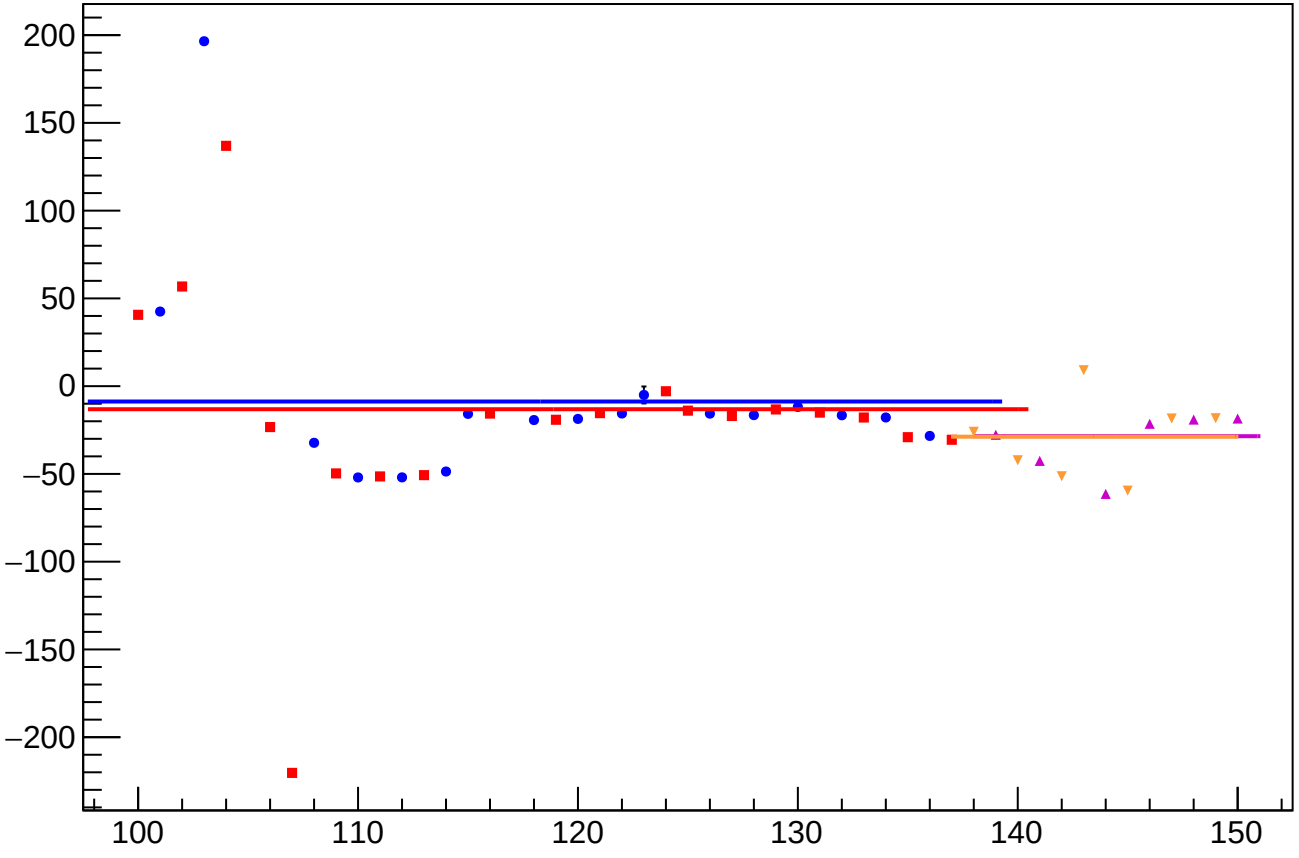
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -23.718+/-0.672 χ^2/NDF:954.1/22

Out: -22.290+/-0.704 χ^2/NDF:840.0/25

All: -23.038+/-0.486 χ^2/NDF: 1796.3/48

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -28.787+/-0.049 χ^2/NDF:147219.0/6

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -28.504+/-0.046 χ^2/NDF:83046.5/5

Left: -28.637+/-0.033 χ^2/NDF: 230283.6/12

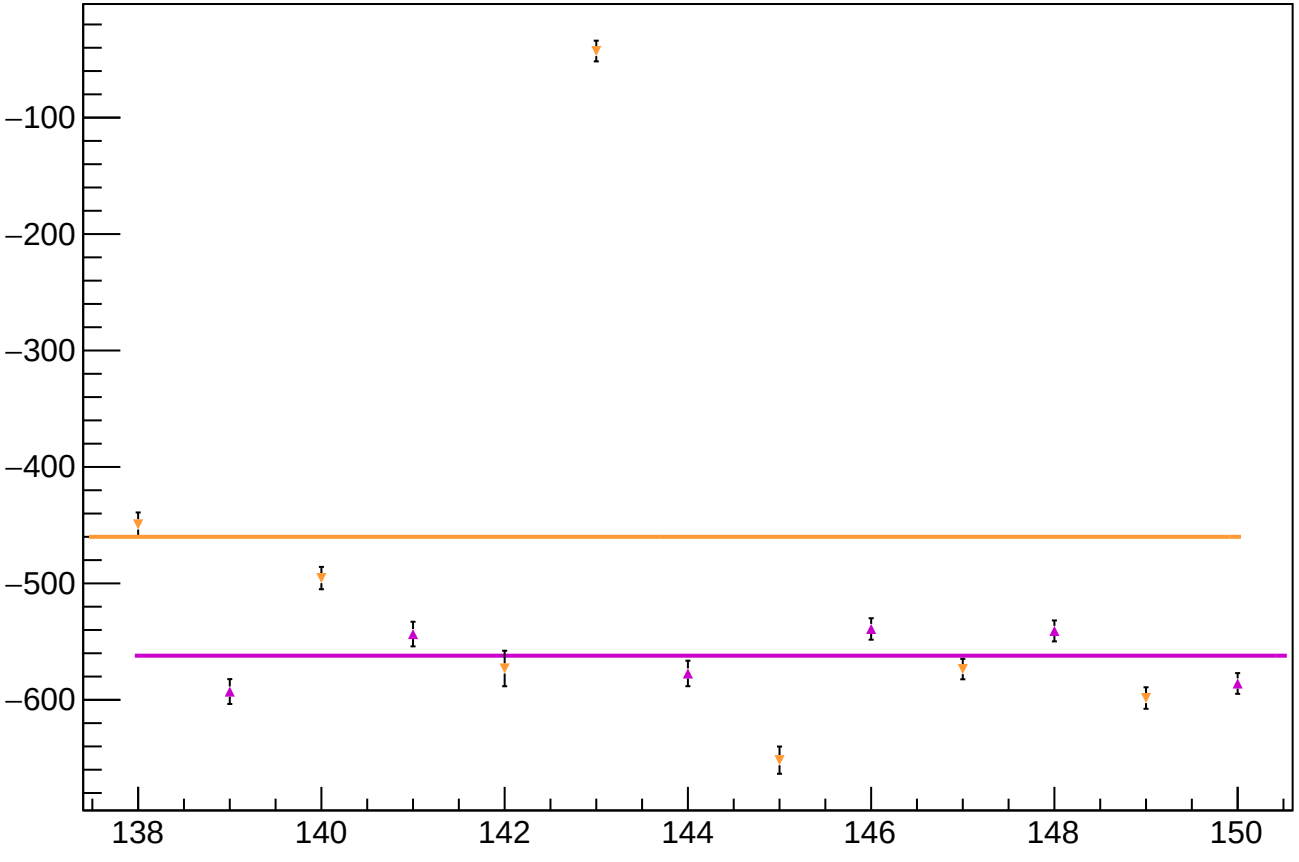
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -21.050+/-0.036 χ^2/NDF:729312.3/22

Out: -22.808+/-0.038 χ^2/NDF:745527.4/25

All: -21.881+/-0.026 χ^2/NDF: 1475958.7/48

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -459.984+/-3.801 χ^2/NDF:2928.1/6

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

Left In: -562.073+/-3.990 χ^2/NDF:32.3/5

Left: -508.557+/-2.752 χ^2/NDF: 3303.6/12

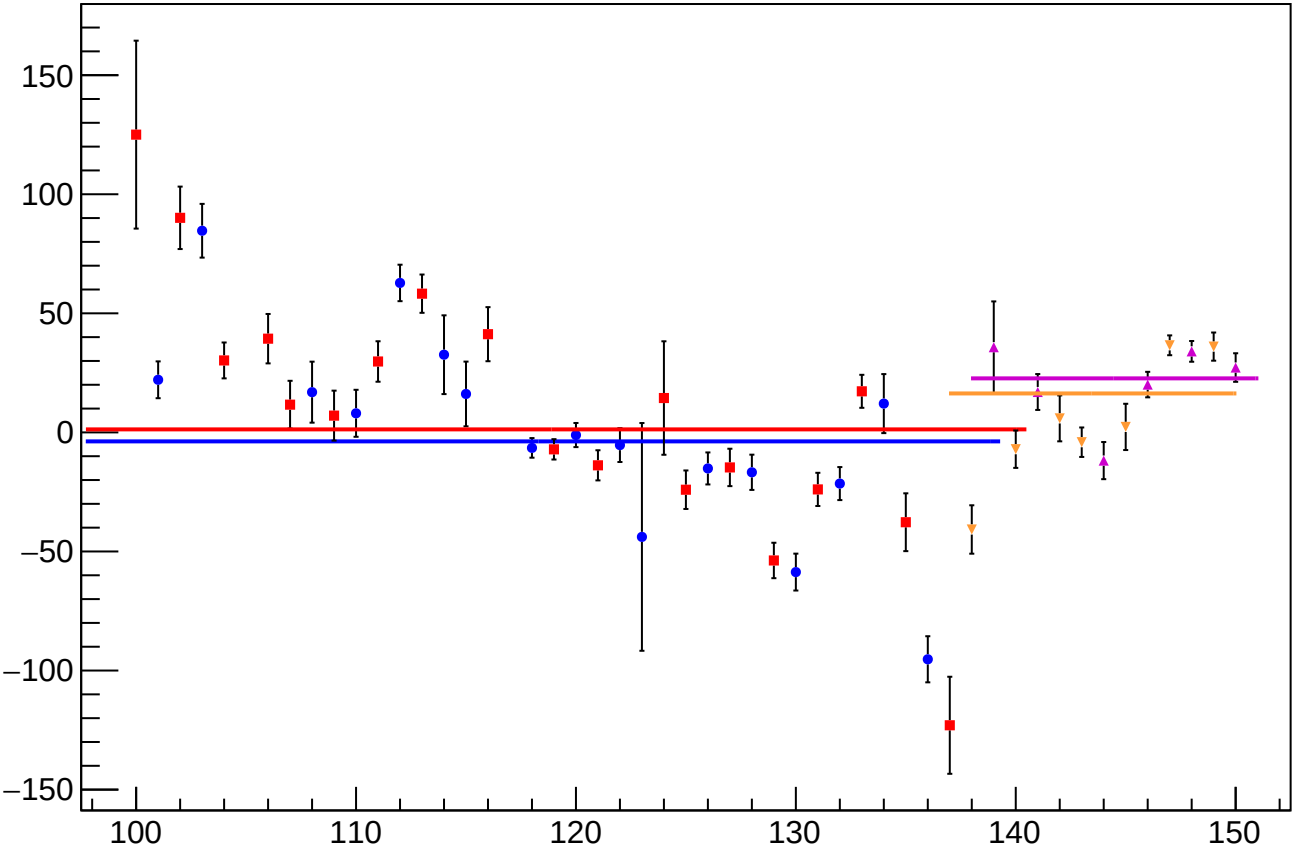
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -562.073+/-3.990 χ^2/NDF:32.3/5

Out: -459.984+/-3.801 χ^2/NDF:2928.1/6

All: -508.557+/-2.752 χ^2/NDF: 3303.6/12

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 16.356+/-2.502 χ^2/NDF:89.4/6

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 22.686+/-2.564 χ^2/NDF:28.2/5

Left: 19.444+/-1.791 χ^2/NDF: 120.7/12

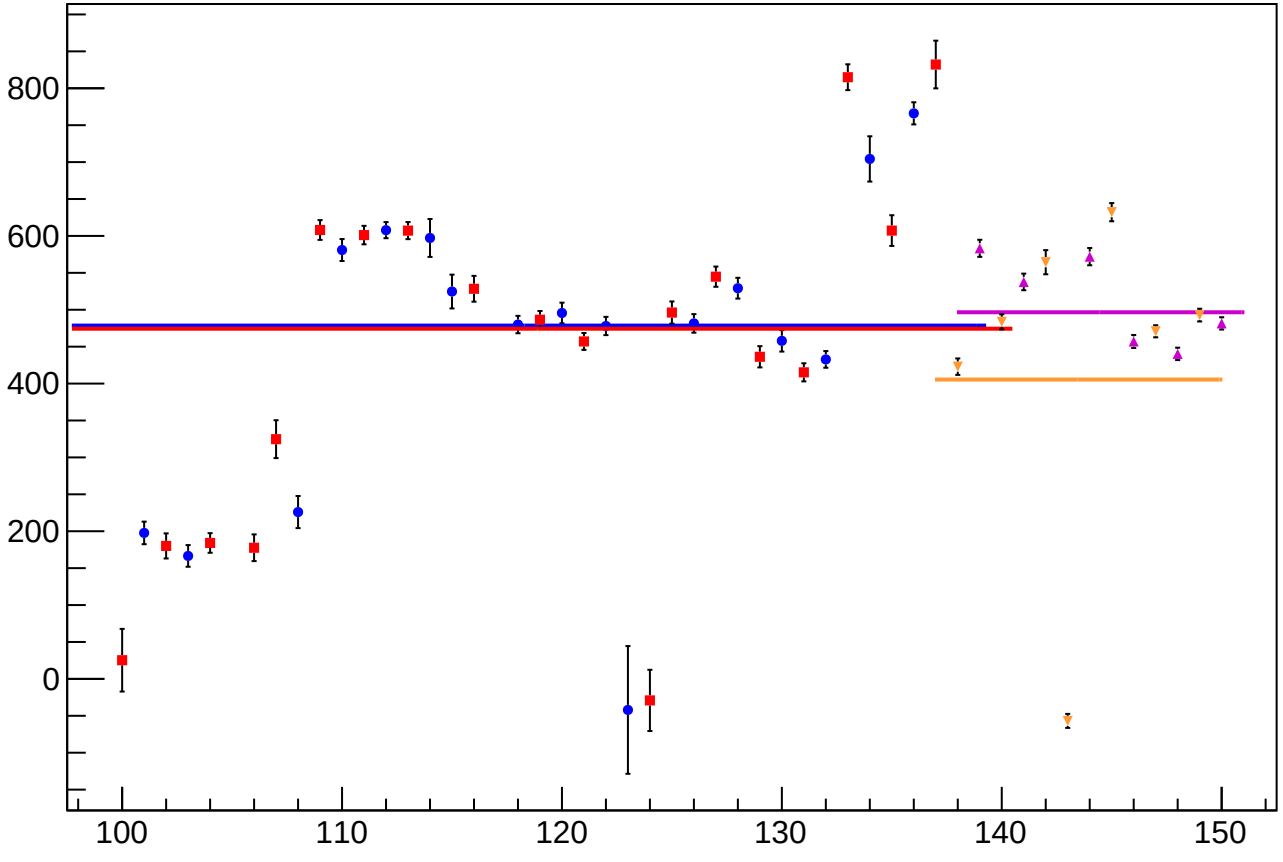
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 5.534+/-1.520 χ^2/NDF:411.6/22

Out: 6.859+/-1.523 χ^2/NDF:416.0/25

All: 6.195+/-1.076 χ^2/NDF: 828.0/48

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 405.471+/-3.854 χ^2/NDF:3029.8/6

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 496.595+/-3.950 χ^2/NDF:179.0/5

Left: 449.914+/-2.759 χ^2/NDF: 3481.5/12

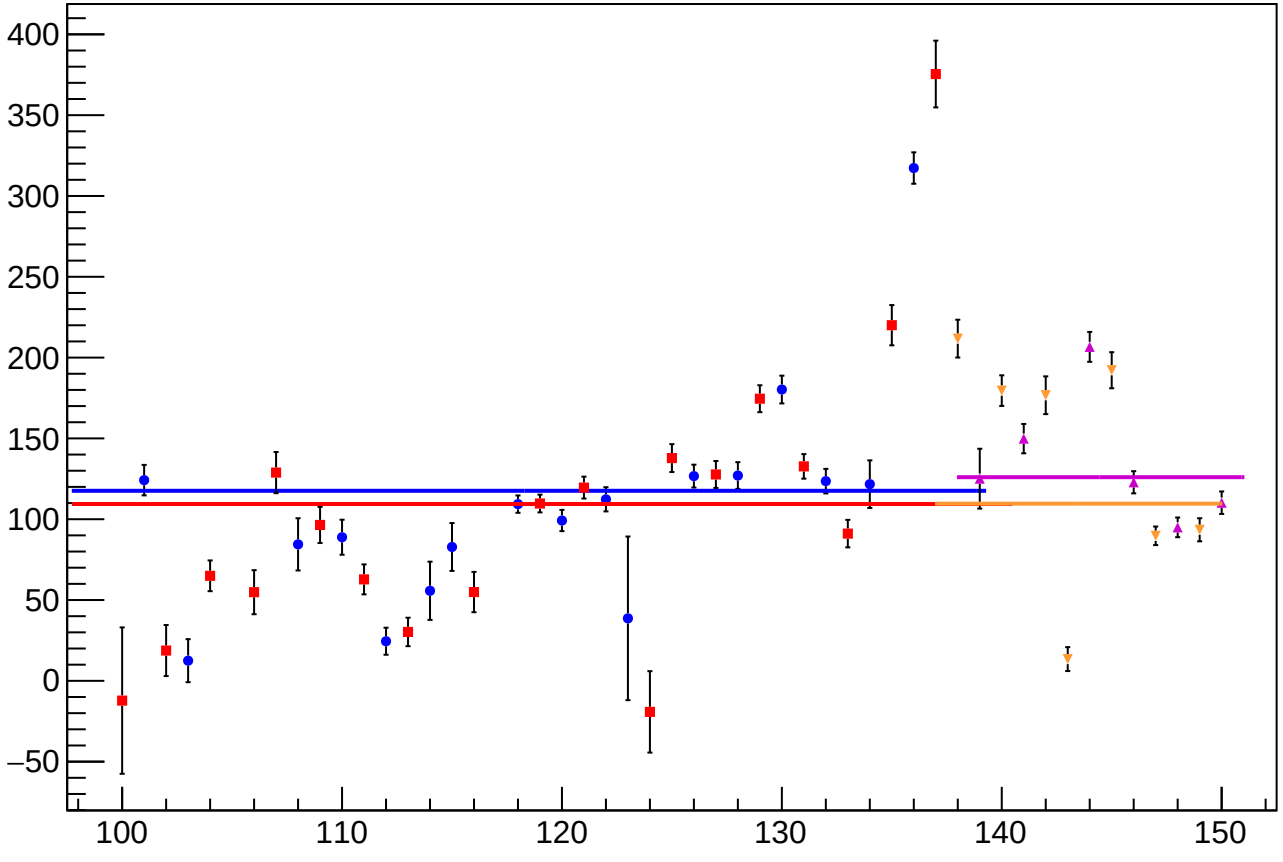
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 486.799+/-2.673 χ^2/NDF:1819.4/22

Out: 442.890+/-2.604 χ^2/NDF:5490.4/25

All: 464.274+/-1.865 χ^2/NDF: 7448.2/48

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 109.630+/-3.131 χ^2/NDF:404.5/6

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 126.005+/-3.234 χ^2/NDF:114.2/5

Left: 117.552+/-2.250 χ^2/NDF: 532.0/12

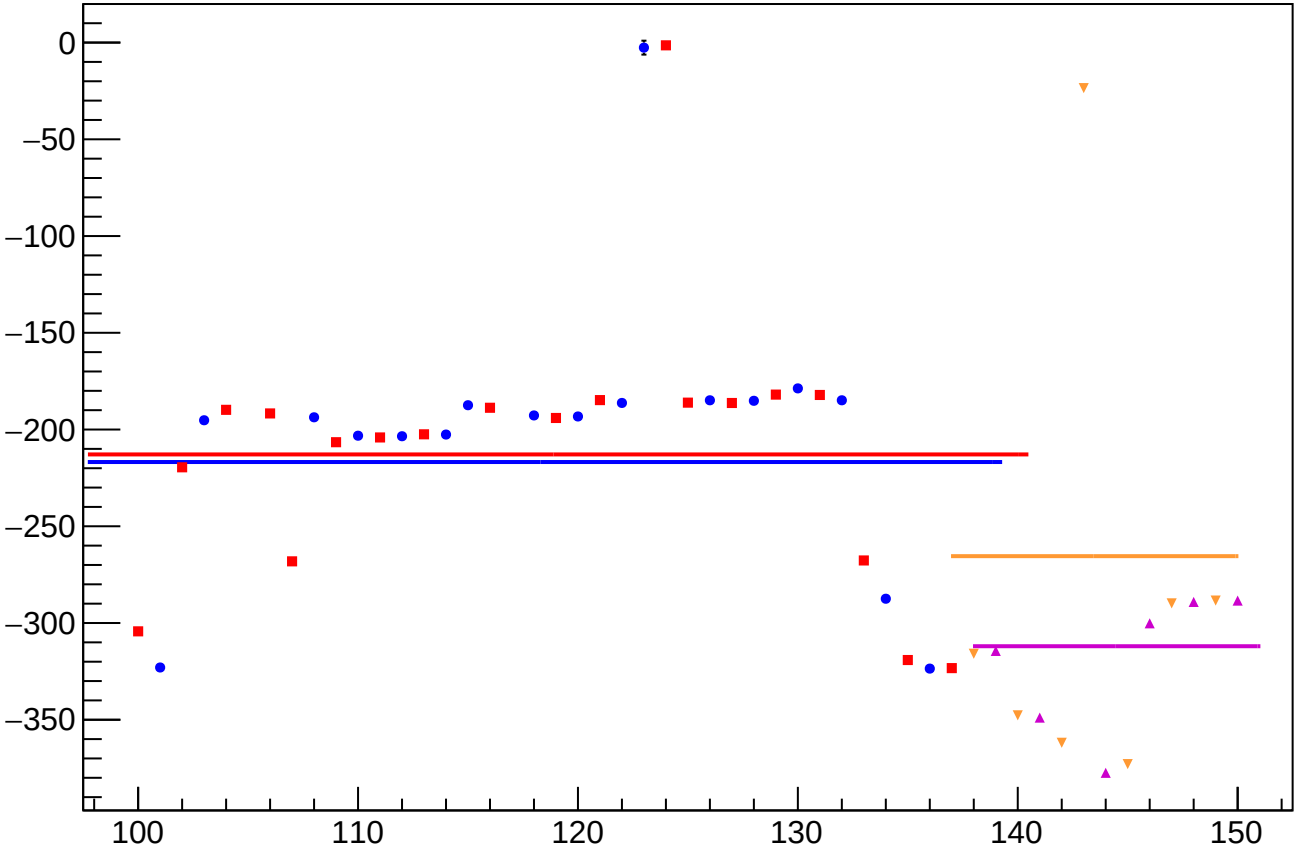
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 120.237+/-1.815 χ^2/NDF:825.8/22

Out: 109.476+/-1.805 χ^2/NDF:975.7/25

All: 114.828+/-1.280 χ^2/NDF: 1819.1/48

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -265.451+/-0.164 χ^2/NDF:530082.0/6

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -311.997+/-0.165 χ^2/NDF:32339.2/5

Left: -288.483+/-0.116 χ^2/NDF: 602484.5/12

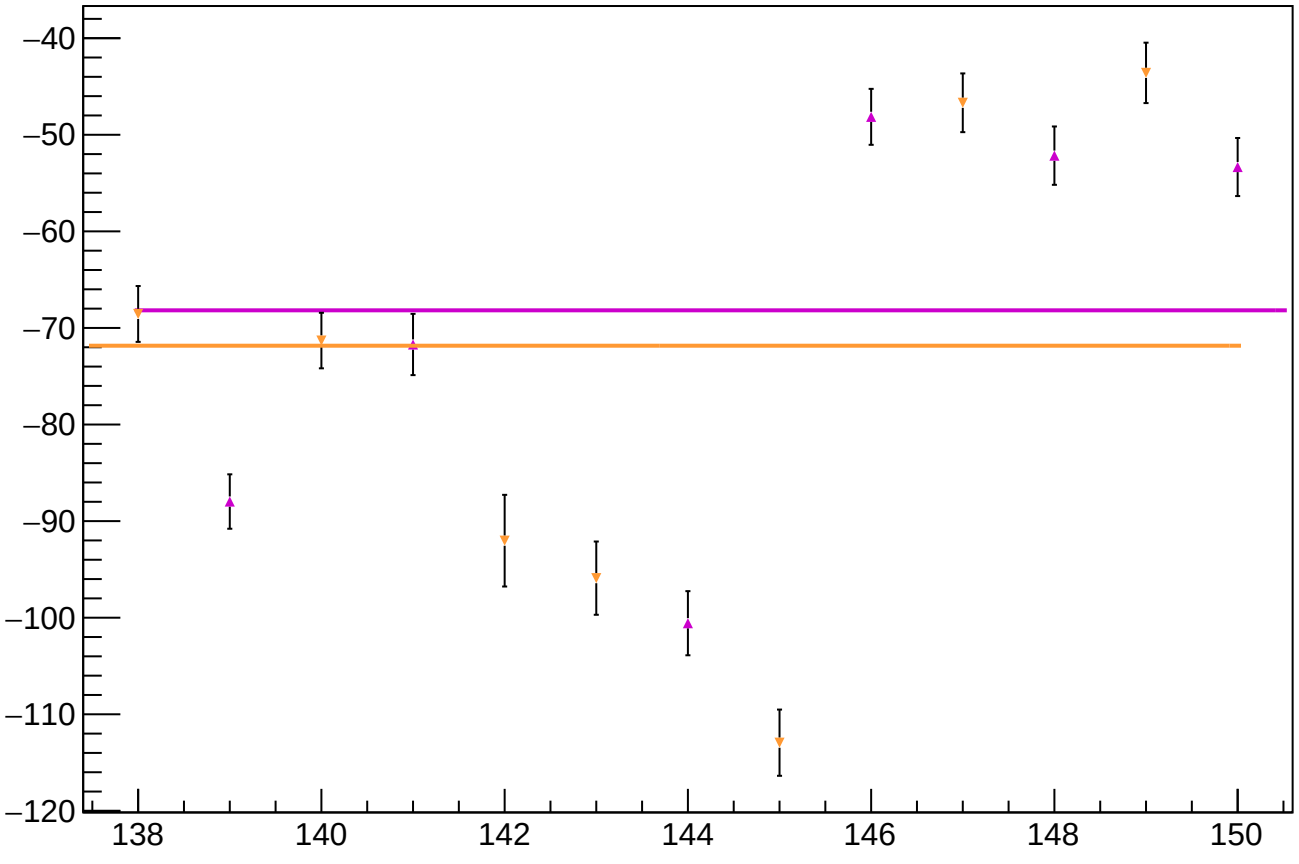
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -255.111+/-0.105 χ^2/NDF:377545.2/22

Out: -233.252+/-0.102 χ^2/NDF:709745.7/25

All: -243.863+/-0.073 χ^2/NDF: 1109653.1/48

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -71.839+/-1.240 χ^2/NDF:353.4/6

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

Left In: -68.175+/-1.235 χ^2/NDF:246.1/5

Left: -69.999+/-0.875 χ^2/NDF: 603.9/12

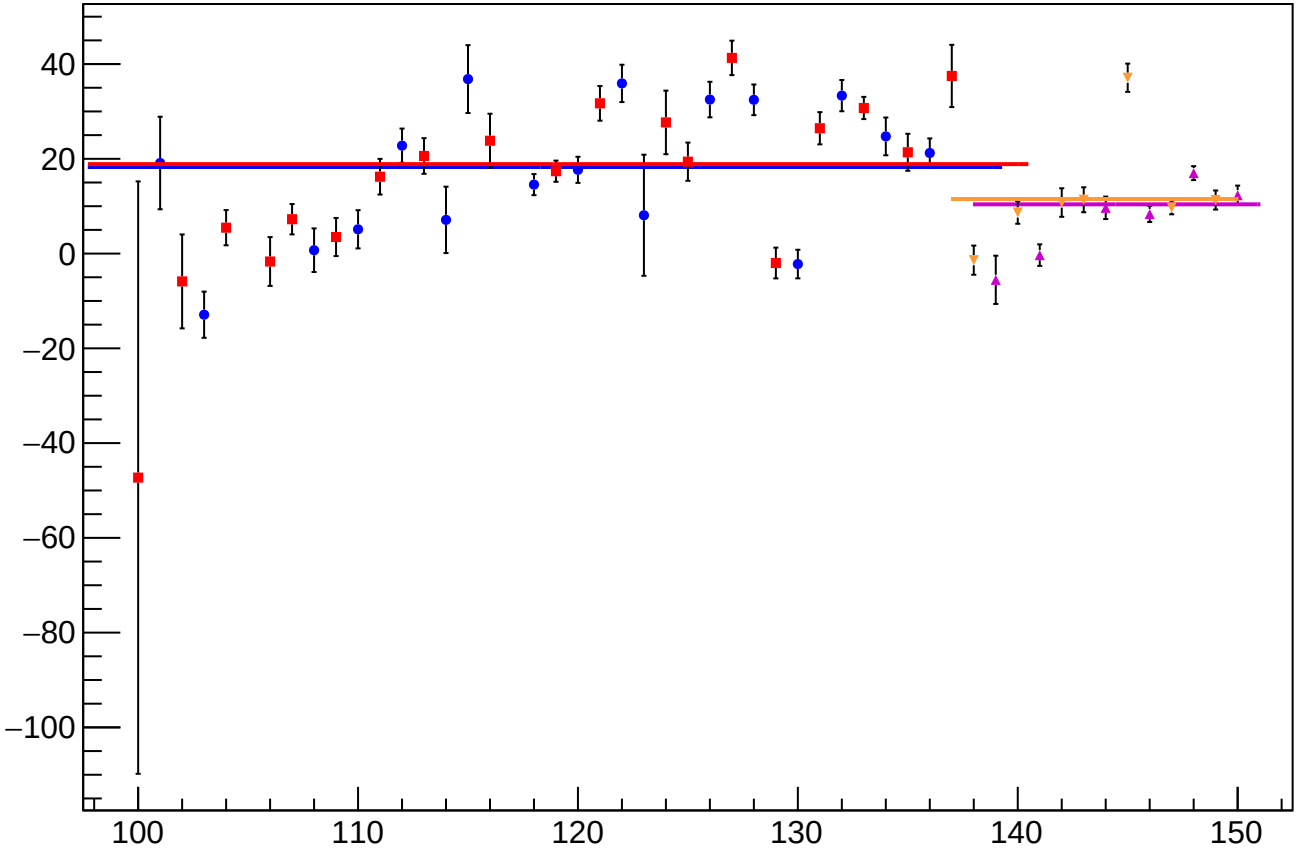
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -68.175+/-1.235 χ^2/NDF:246.1/5

Out: -71.839+/-1.240 χ^2/NDF:353.4/6

All: -69.999+/-0.875 χ^2/NDF: 603.9/12

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 11.516+/-0.852 χ^2/NDF:94.3/6

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 10.394+/-0.828 χ^2/NDF:54.5/5

Left: 10.939+/-0.594 χ^2/NDF: 149.7/12

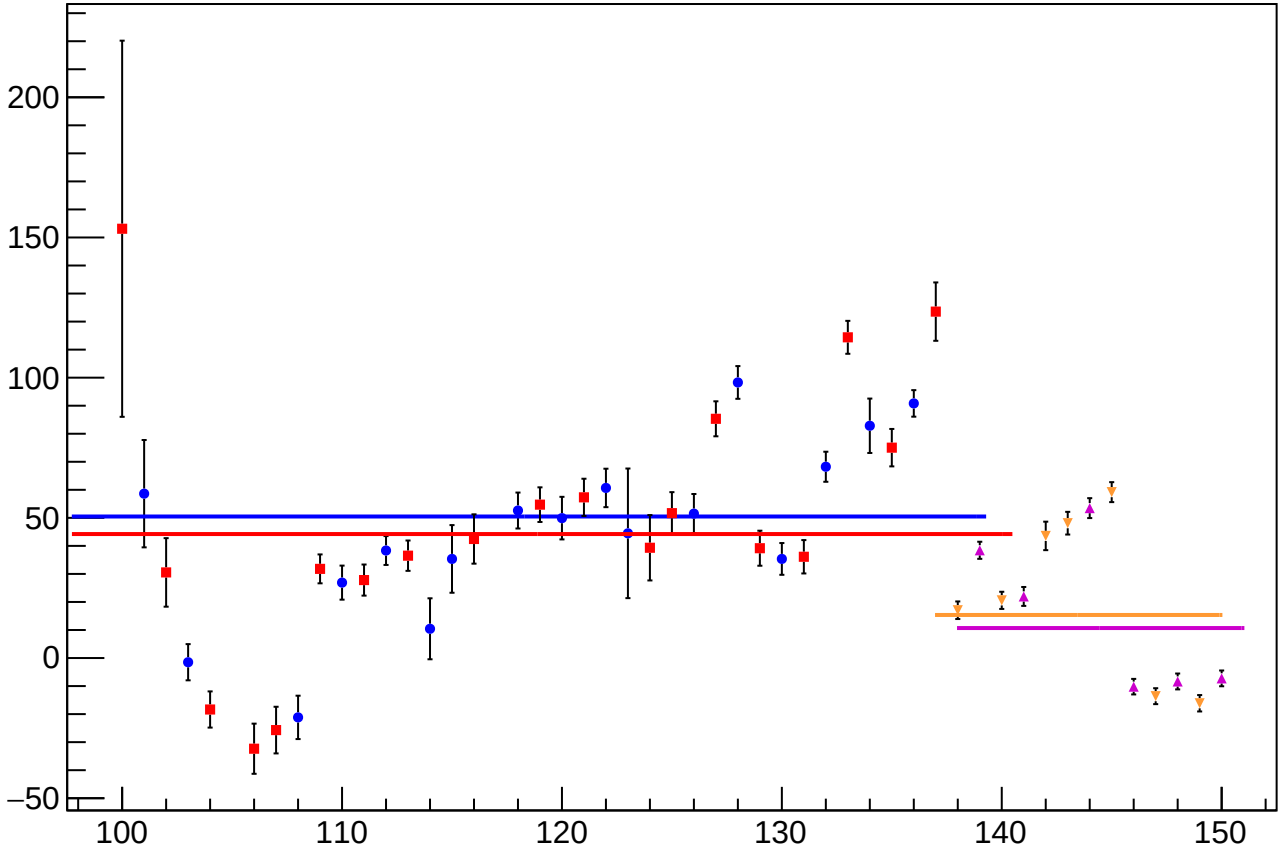
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 13.986+/-0.611 χ^2/NDF:300.4/22

Out: 15.147+/-0.607 χ^2/NDF:329.6/25

All: 14.571+/-0.431 χ^2/NDF: 631.7/48

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 15.361+/-1.262 χ^2/NDF:470.8/6

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: 10.695+/-1.235 χ^2/NDF:381.9/5

Left: 12.977+/-0.883 χ^2/NDF: 859.7/12

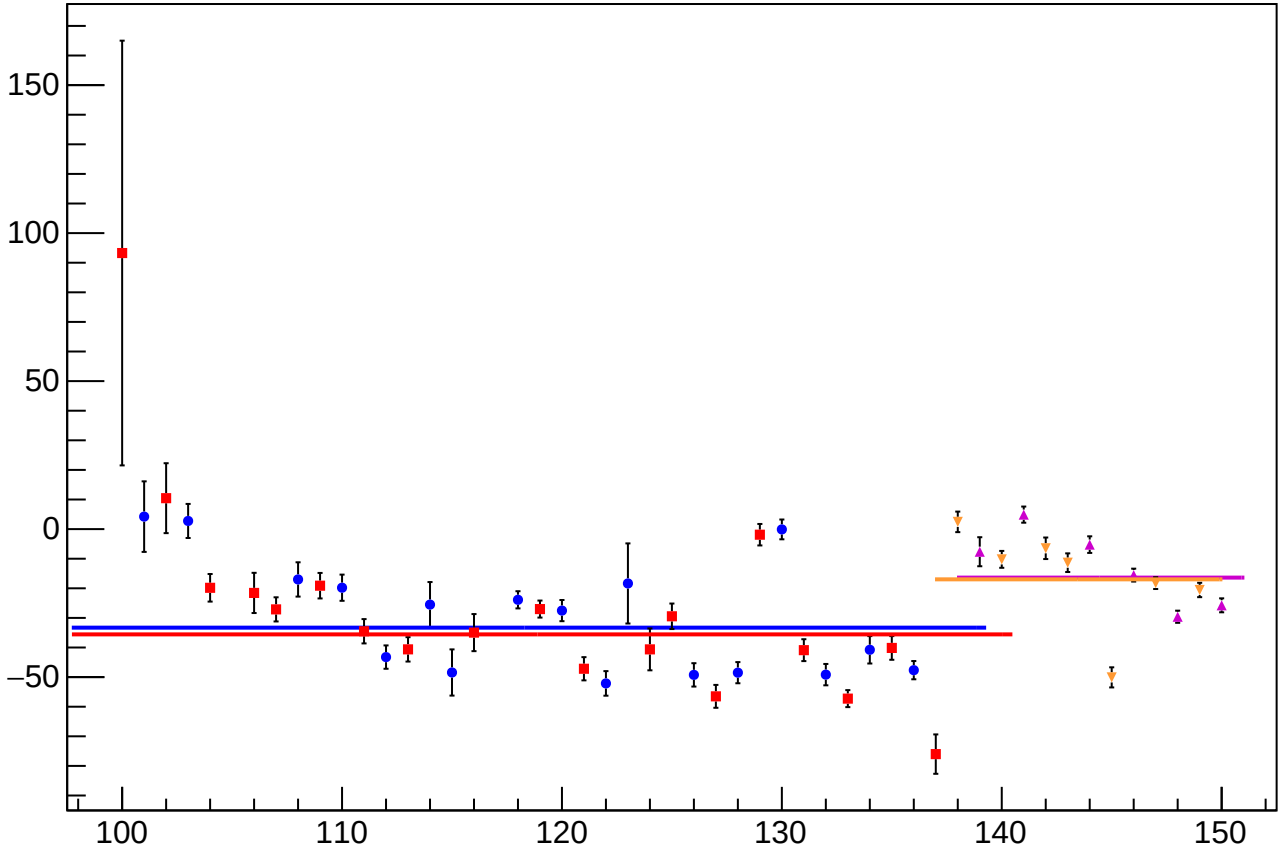
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 24.778+/-0.992 χ^2/NDF:1107.4/22

Out: 26.408+/-0.991 χ^2/NDF:1205.4/25

All: 25.594+/-0.701 χ^2/NDF: 2314.2/48

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.972+/-1.059 χ^2/NDF:146.1/6

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -16.384+/-1.037 χ^2/NDF:137.1/5

Left: -16.672+/-0.741 χ^2/NDF: 283.4/12

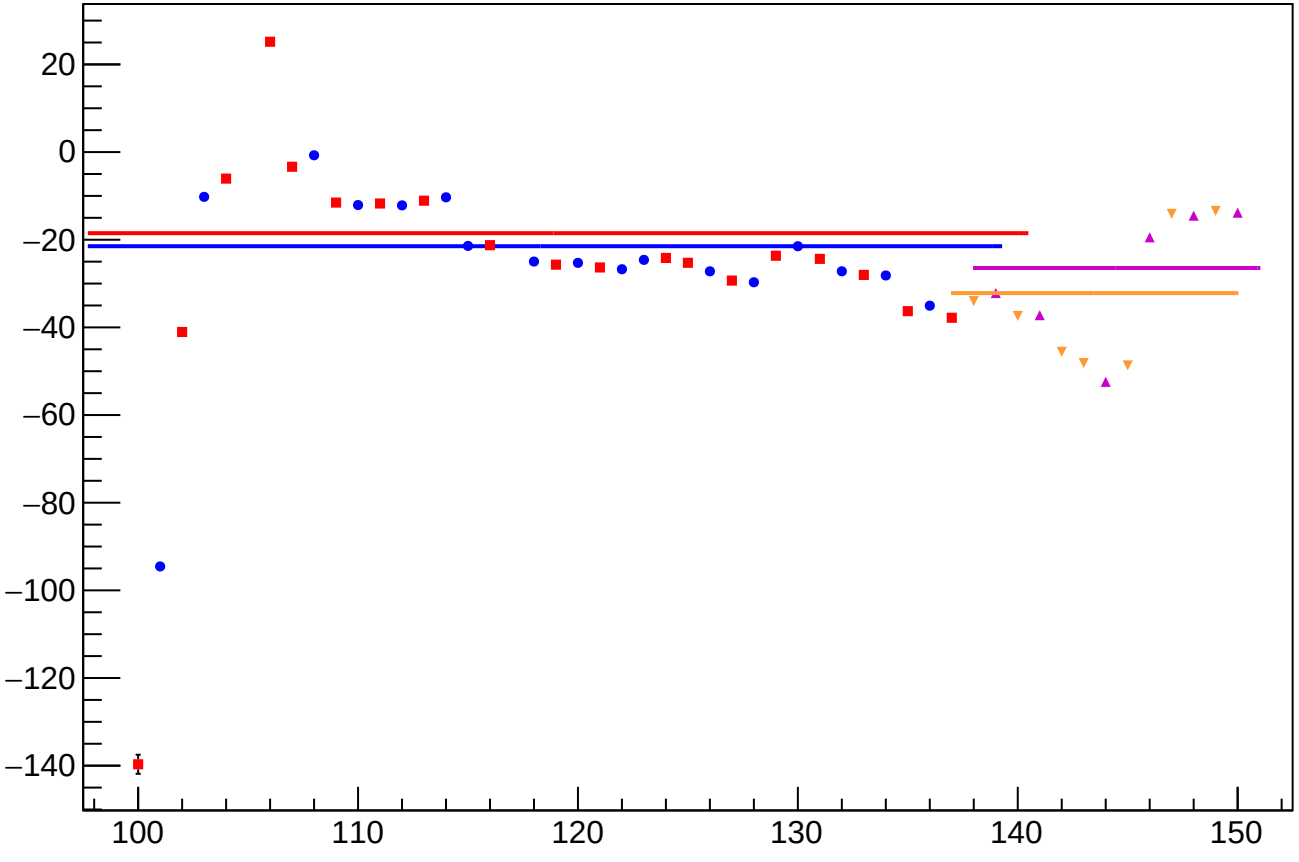
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -24.870+/-0.732 χ^2/NDF:559.7/22

Out: -26.871+/-0.724 χ^2/NDF:597.8/25

All: -25.881+/-0.515 χ^2/NDF: 1161.3/48

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -32.178+/-0.053 χ^2/NDF:69768.0/6

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -26.447+/-0.051 χ^2/NDF:61287.4/5

Left: -29.199+/-0.037 χ^2/NDF: 137105.5/12

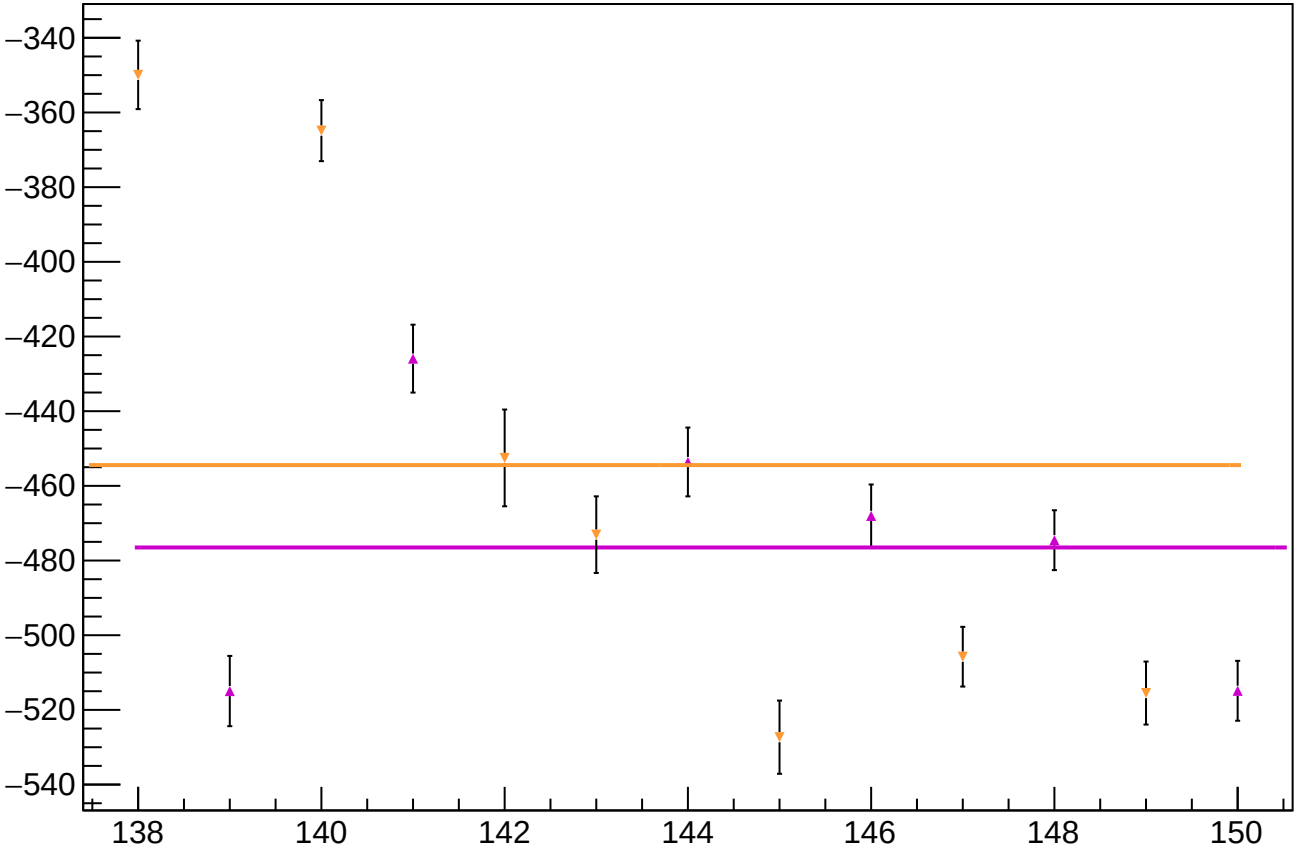
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -24.305+/-0.039 χ^2/NDF:114381.0/22

Out: -25.864+/-0.039 χ^2/NDF:181092.5/25

All: -25.075+/-0.027 χ^2/NDF: 296283.1/48

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -454.437+/-3.483 χ^2/NDF:402.2/6

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

Left In: -476.501+/-3.527 χ^2/NDF:77.8/5

Left: -465.332+/-2.478 χ^2/NDF: 499.8/12

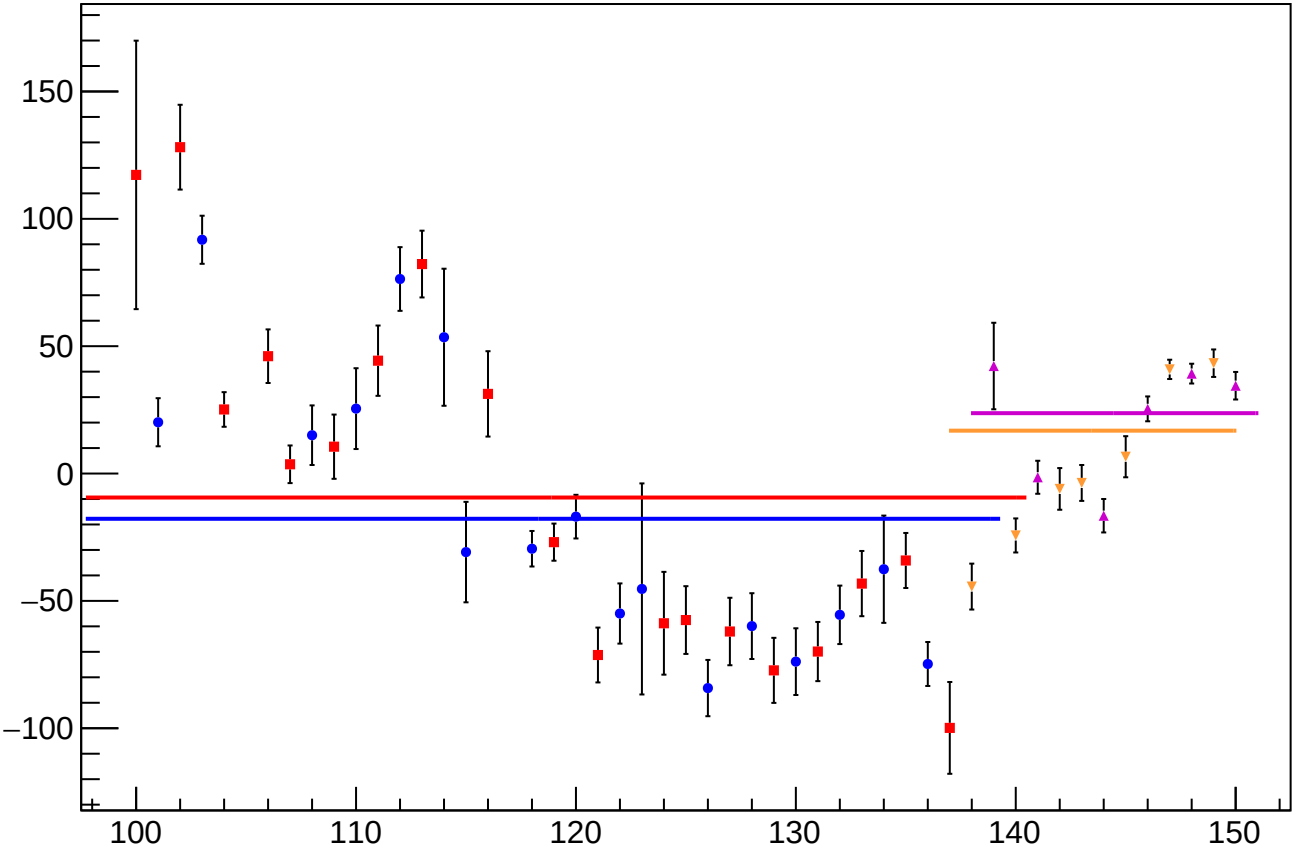
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -476.501+/-3.527 χ^2/NDF:77.8/5

Out: -454.437+/-3.483 χ^2/NDF:402.2/6

All: -465.332+/-2.478 χ^2/NDF: 499.8/12

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 16.835+/-2.299 χ^2/NDF:166.4/6

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 23.703+/-2.276 χ^2/NDF:73.9/5

Left: 20.304+/-1.618 χ^2/NDF: 244.8/12

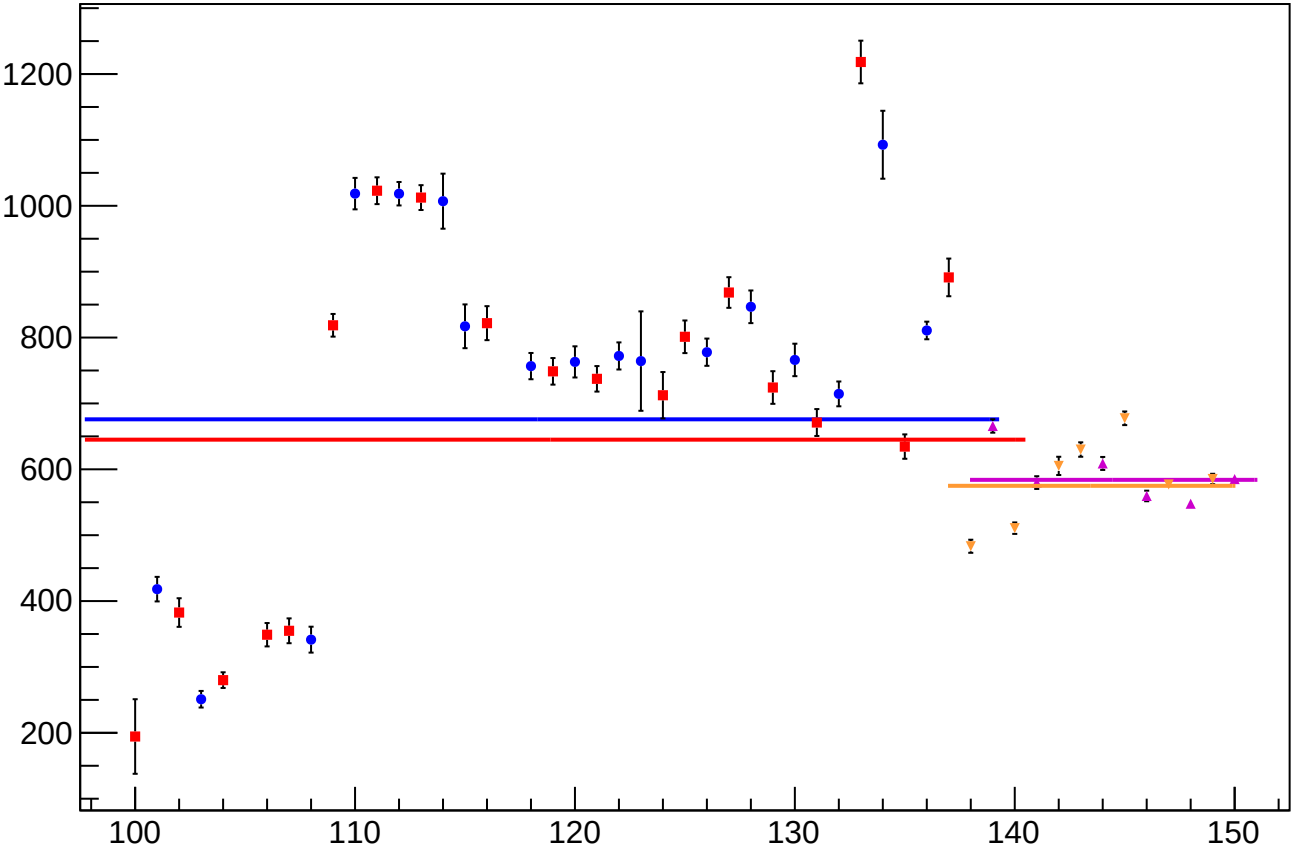
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: 7.069+/-1.762 χ^2/NDF:570.9/22

Out: 5.380+/-1.726 χ^2/NDF:592.8/25

All: 6.207+/-1.233 χ^2/NDF: 1164.2/48

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 574.953+/-3.530 χ^2/NDF:269.9/6

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 584.016+/-3.501 χ^2/NDF:103.7/5

Left: 579.522+/-2.486 χ^2/NDF: 376.9/12

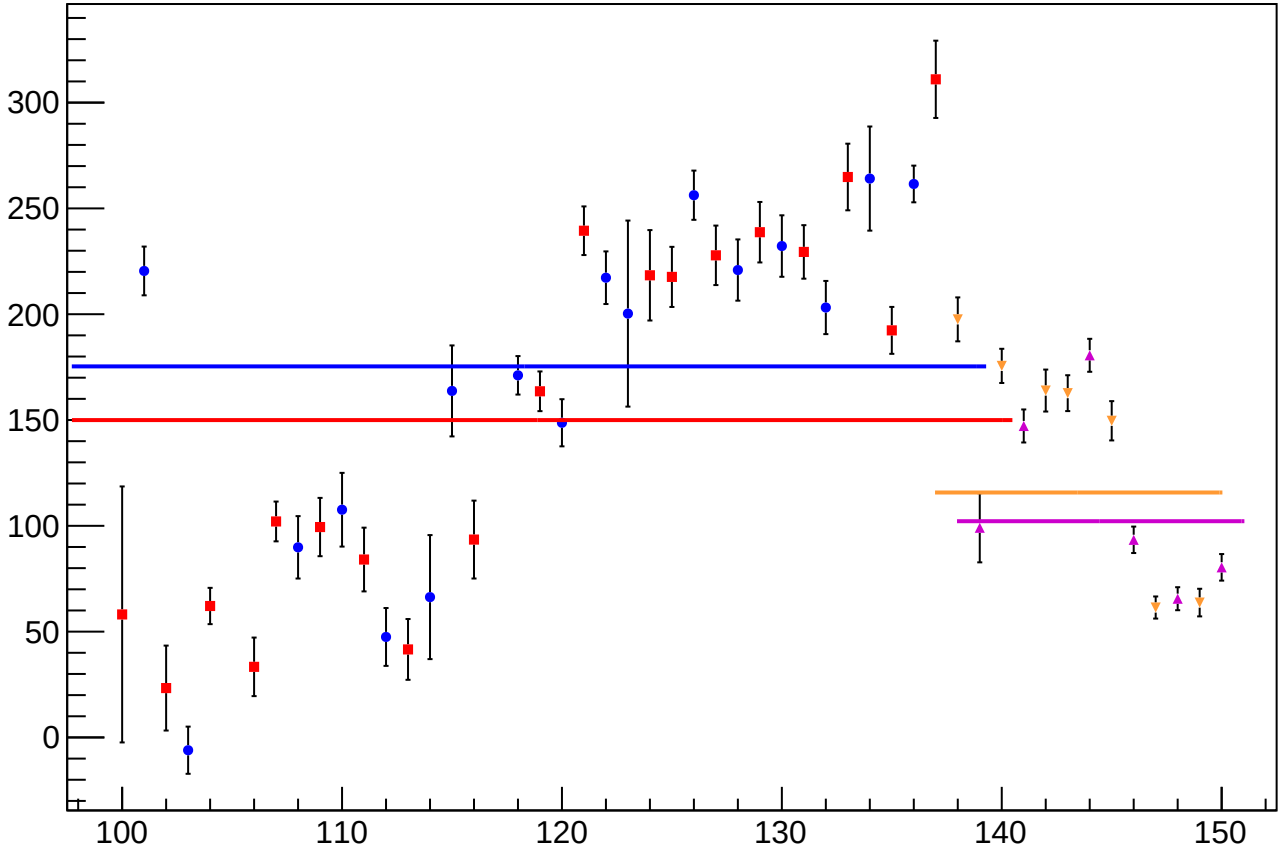
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 613.934+/-2.875 χ^2/NDF:2914.3/22

Out: 599.810+/-2.836 χ^2/NDF:3532.9/25

All: 606.776+/-2.019 χ^2/NDF: 6459.4/48

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 115.750+/-2.882 χ^2/NDF:356.3/6

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 102.184+/-2.869 χ^2/NDF:194.1/5

Left: 108.936+/-2.033 χ^2/NDF: 561.5/12

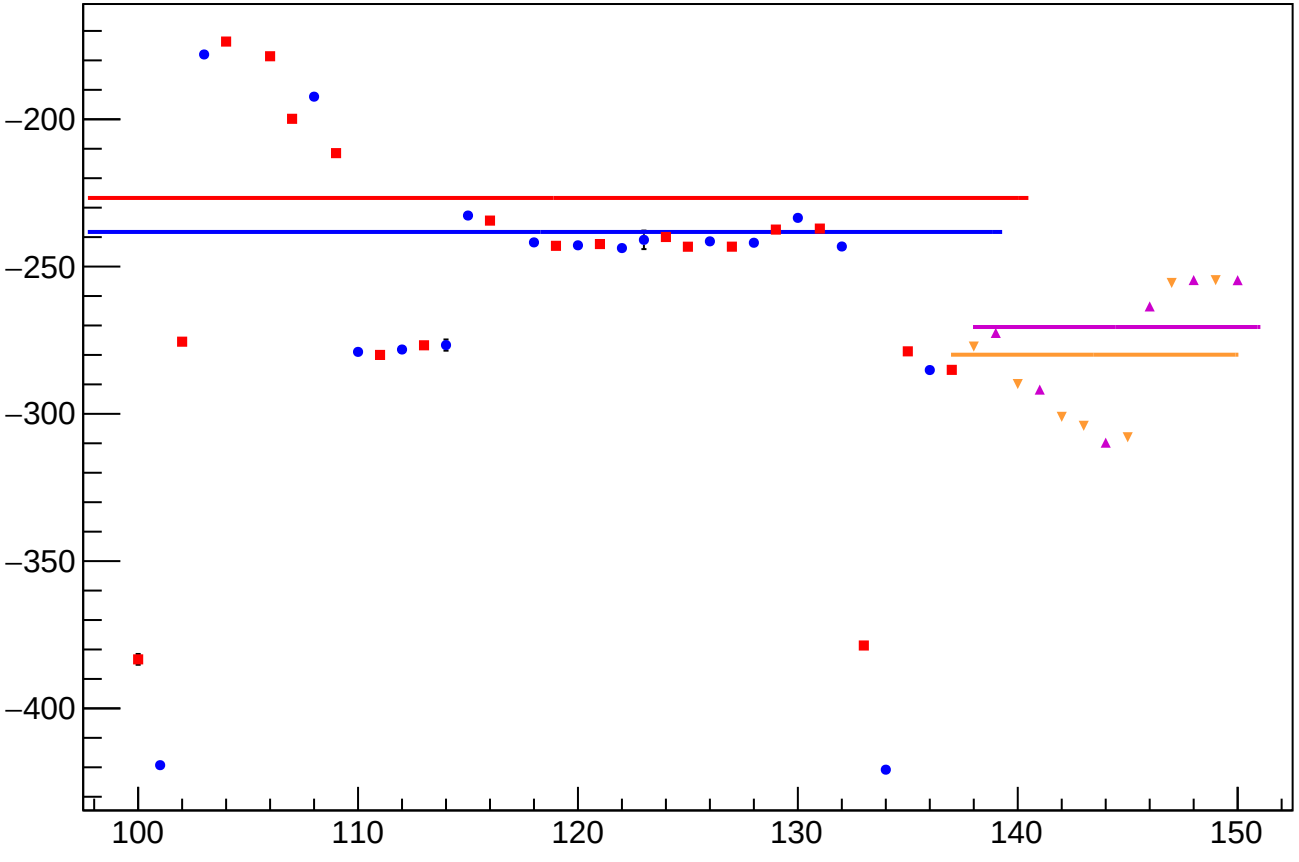
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 134.747+/-2.137 χ^2/NDF:1122.0/22

Out: 131.917+/-2.093 χ^2/NDF:1116.1/25

All: 133.303+/-1.495 χ^2/NDF: 2239.0/48

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -279.921+/-0.150 χ^2/NDF:20130.5/6

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -270.518+/-0.146 χ^2/NDF:16647.5/5

Left: -275.094+/-0.105 χ^2/NDF: 38787.1/12

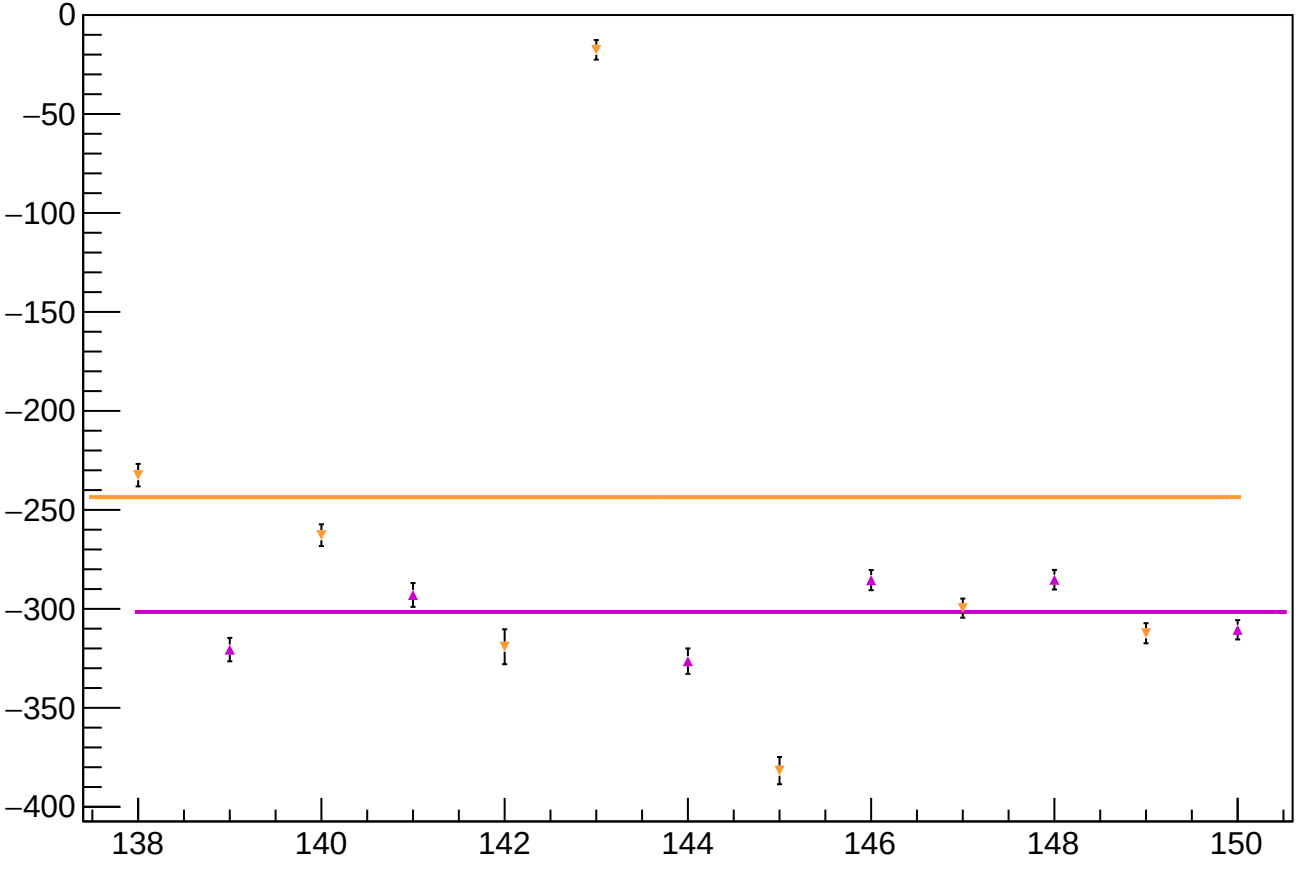
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -255.809+/-0.108 χ^2/NDF:205931.3/22

Out: -253.453+/-0.107 χ^2/NDF:185305.1/25

All: -254.616+/-0.076 χ^2/NDF: 391477.5/48

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: -243.539+/-2.131 χ^2/NDF:2895.7/6

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

Left In: -301.567+/-2.227 χ^2/NDF:51.5/5

Left: -271.274+/-1.539 χ^2/NDF: 3301.8/12

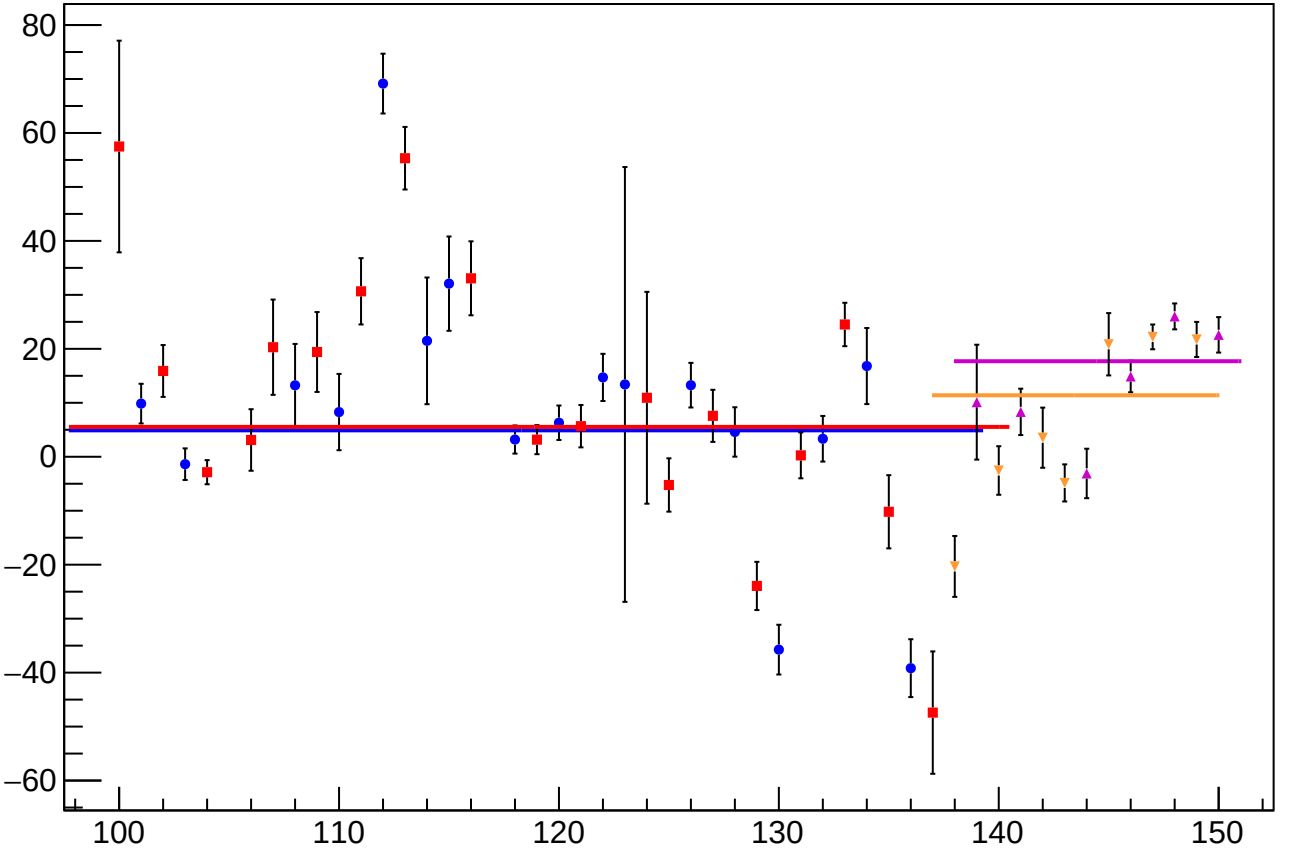
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -301.567+/-2.227 χ^2/NDF:51.5/5

Out: -243.539+/-2.131 χ^2/NDF:2895.7/6

All: -271.274+/-1.539 χ^2/NDF: 3301.8/12

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: 11.394+/-1.398 χ^2/NDF:100.5/6

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 17.704+/-1.424 χ^2/NDF:41.0/5

Left: 14.489+/-0.998 χ^2/NDF: 151.5/12

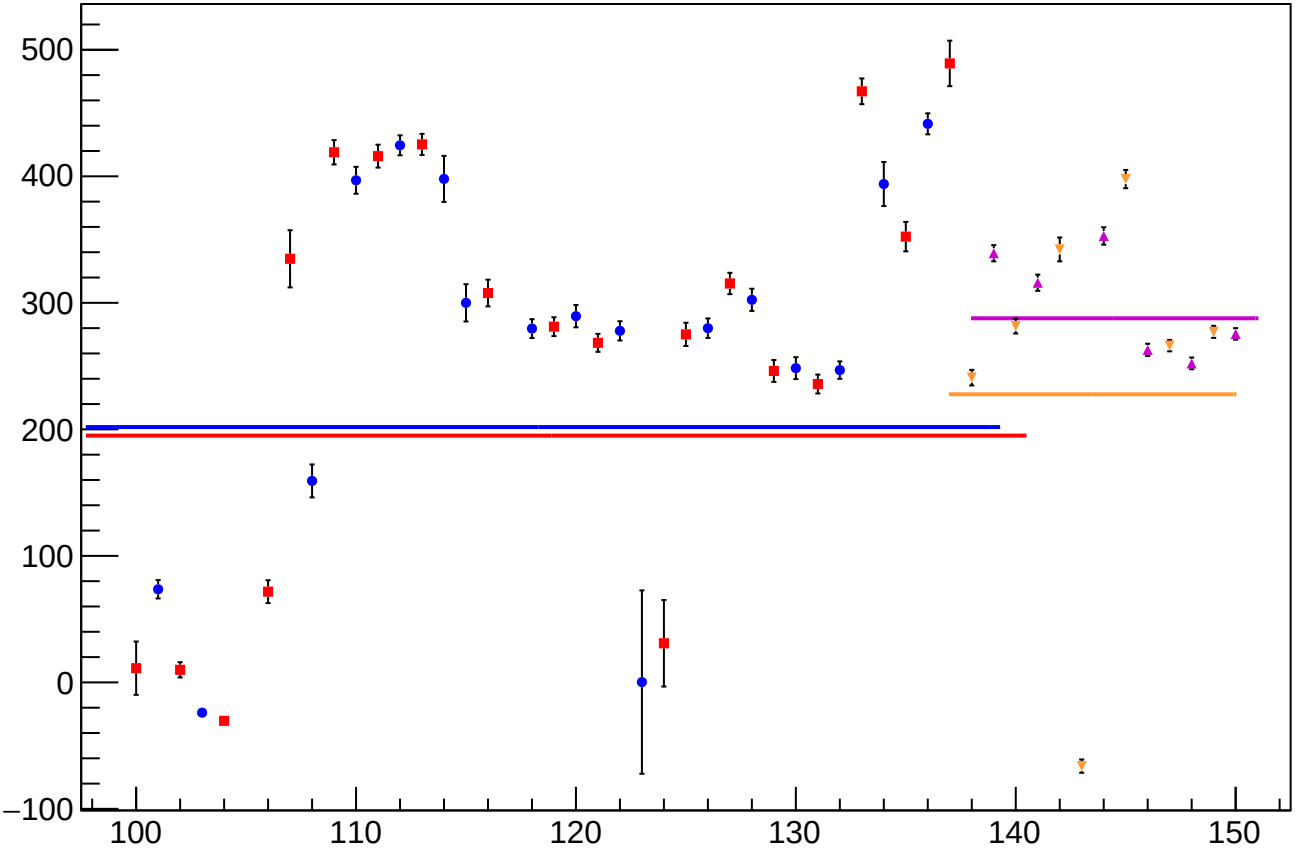
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 9.621+/-0.865 χ^2/NDF:404.0/22

Out: 7.703+/-0.850 χ^2/NDF:350.7/25

All: 8.645+/-0.606 χ^2/NDF: 757.2/48

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 227.720+/-2.156 χ^2/NDF:4069.3/6

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 287.790+/-2.200 χ^2/NDF:265.5/5

Left: 257.158+/-1.540 χ^2/NDF: 4715.1/12

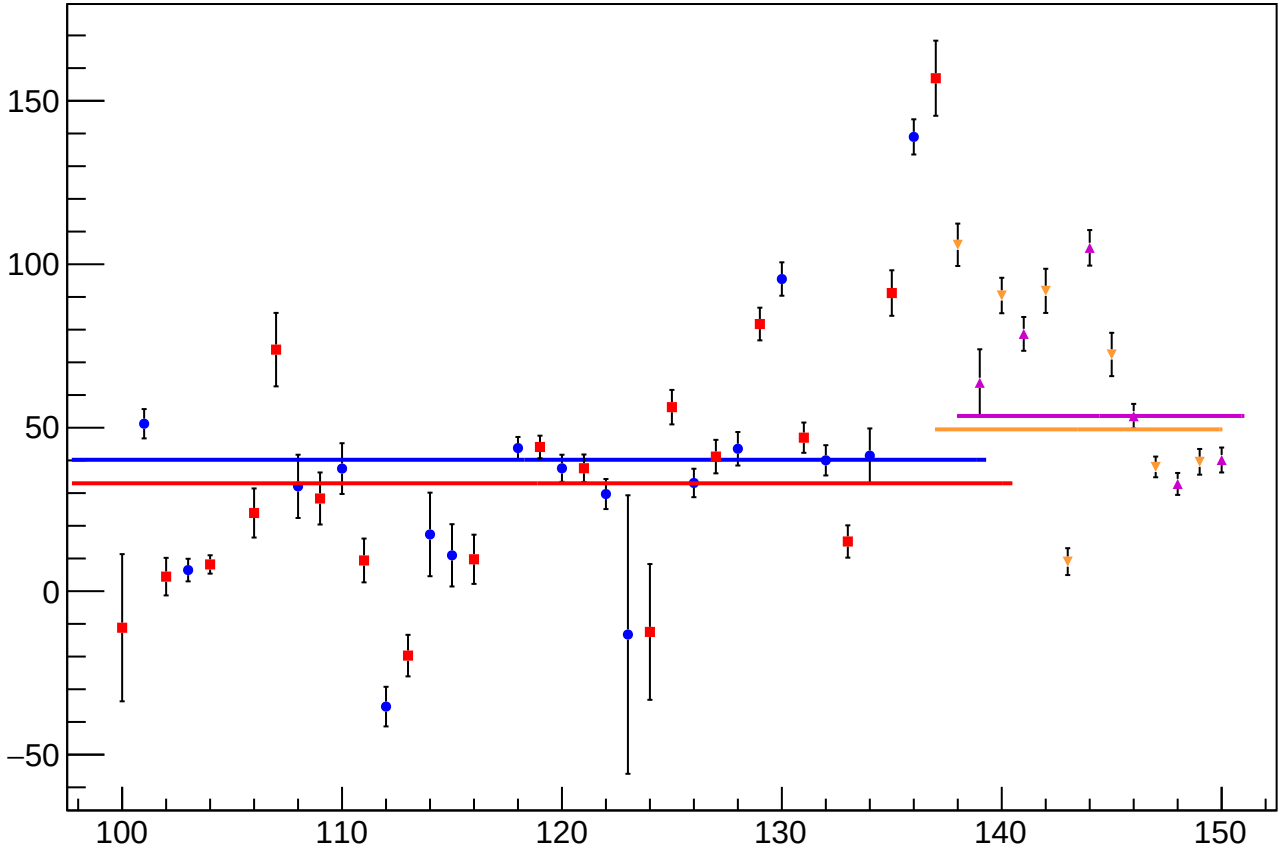
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 240.087+/-1.468 χ^2/NDF:7867.4/22

Out: 209.537+/-1.436 χ^2/NDF:12454.2/25

All: 224.476+/-1.026 χ^2/NDF: 20543.0/48

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 49.495+/-1.751 χ^2/NDF:300.6/6

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 53.595+/-1.800 χ^2/NDF:164.7/5

Left: 51.488+/-1.255 χ^2/NDF: 468.0/12

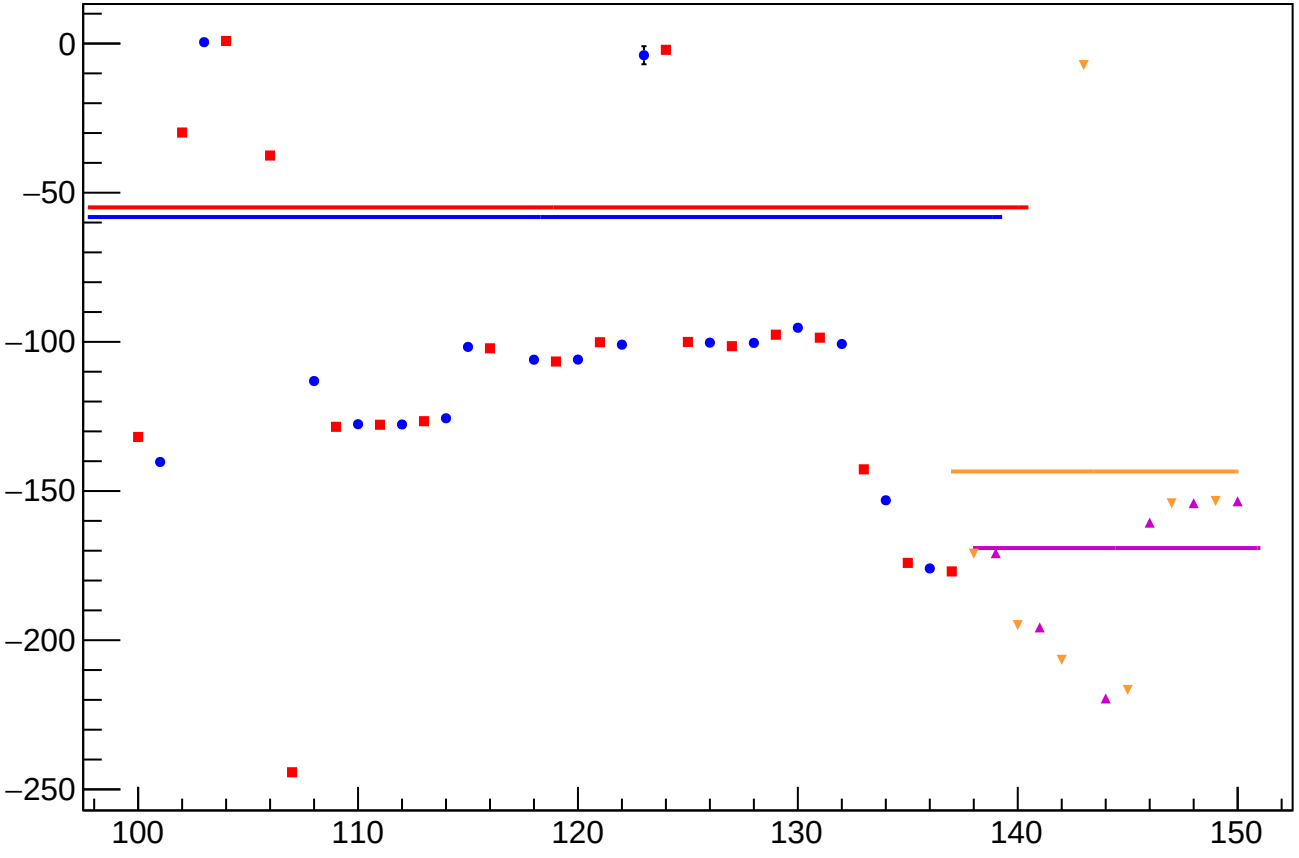
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 44.638+/-1.036 χ^2/NDF:936.7/22

Out: 38.583+/-1.019 χ^2/NDF:913.4/25

All: 41.558+/-0.726 χ^2/NDF: 1867.5/48

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: -143.449+/-0.092 χ^2/NDF:567812.5/6

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -169.113+/-0.092 χ^2/NDF:52340.9/5

Left: -156.223+/-0.065 χ^2/NDF: 659235.0/12

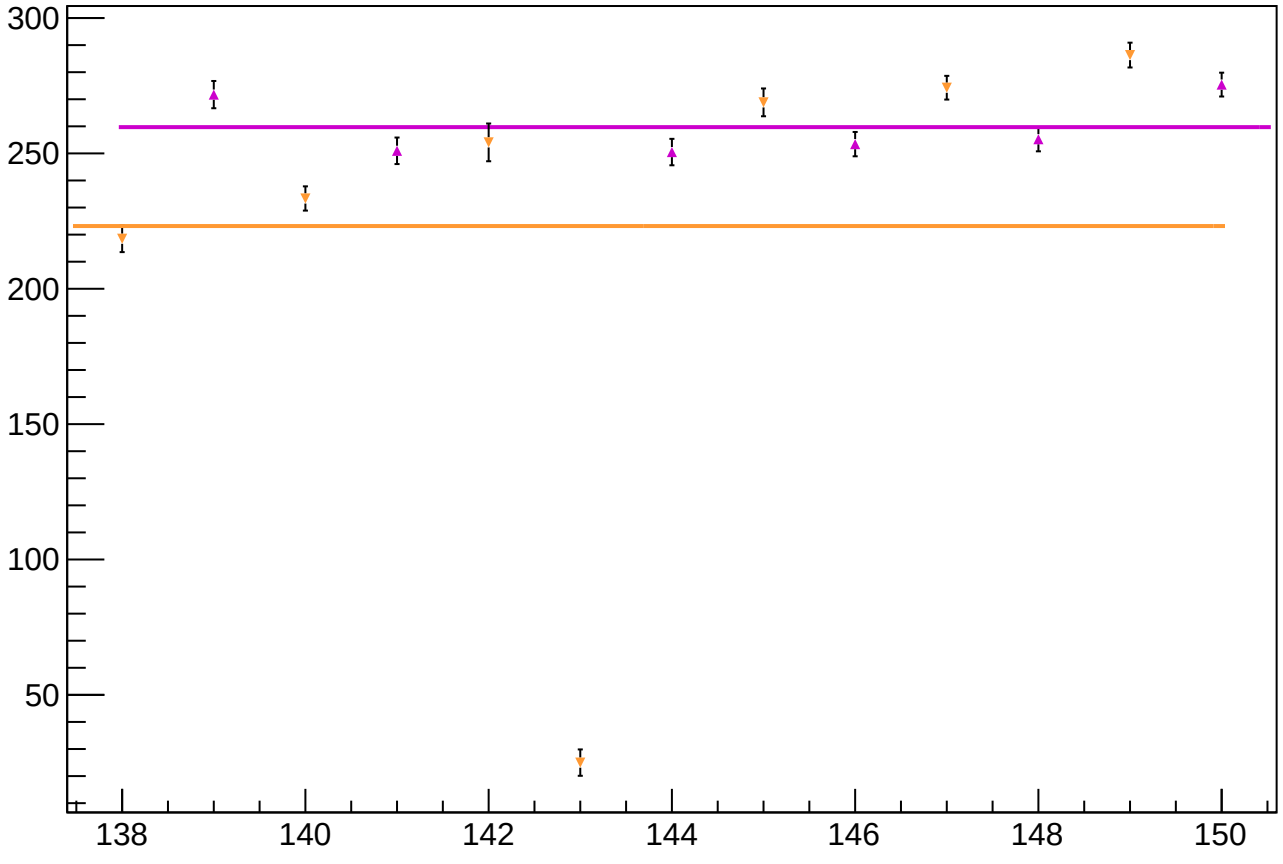
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -92.479+/-0.051 χ^2/NDF:2162397.7/22

Out: -81.637+/-0.050 χ^2/NDF:2224089.9/25

All: -86.967+/-0.036 χ^2/NDF: 4409312.0/48

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: 223.169+/-1.853 χ^2/NDF:2087.0/6

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

Left In: 259.706+/-1.910 χ^2/NDF:28.1/5

Left: 240.885+/-1.330 χ^2/NDF: 2303.7/12

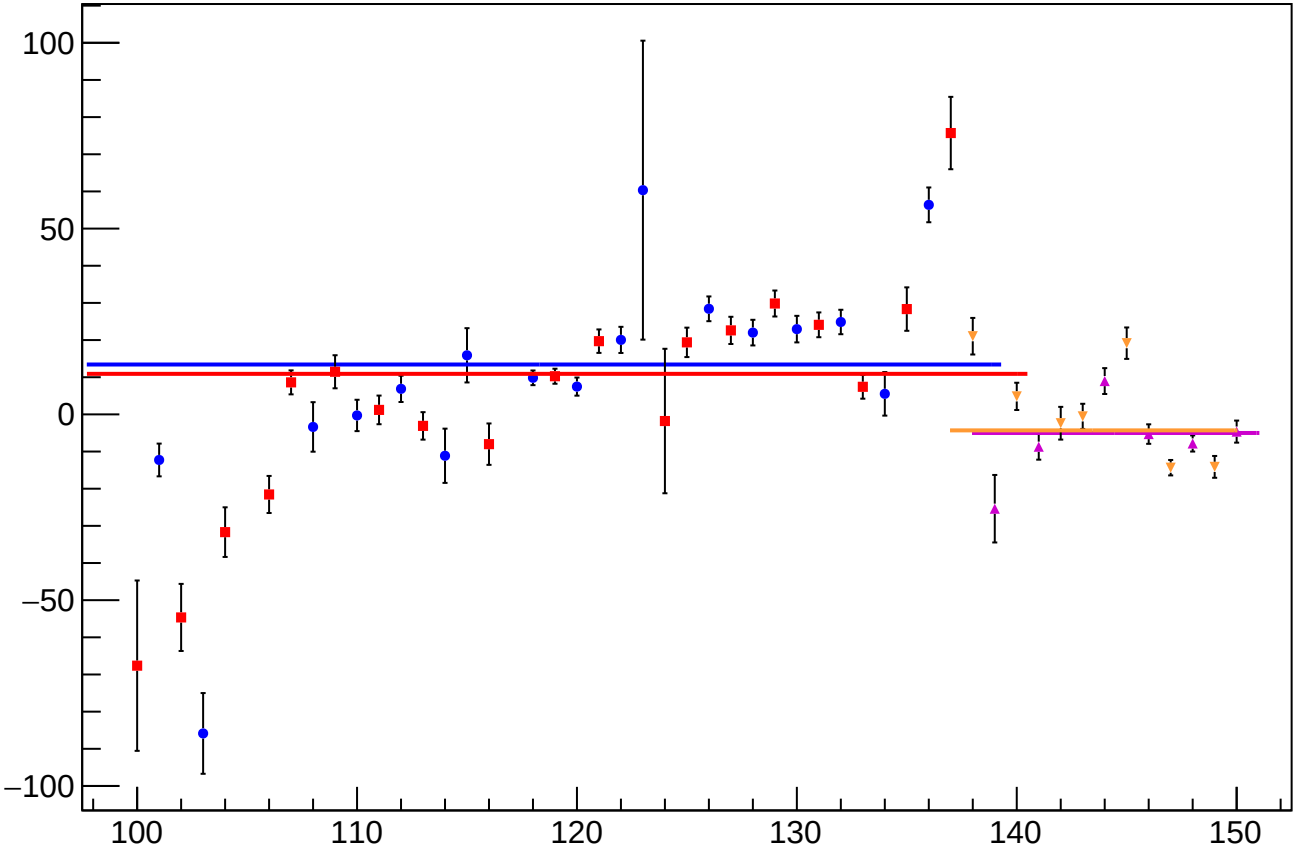
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 259.706+/-1.910 χ^2/NDF:28.1/5

Out: 223.169+/-1.853 χ^2/NDF:2087.0/6

All: 240.885+/-1.330 χ^2/NDF: 2303.7/12

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: -4.307+/-1.233 χ^2/NDF:99.5/6

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -5.002+/-1.243 χ^2/NDF:24.0/5

Left: -4.652+/-0.875 χ^2/NDF: 123.6/12

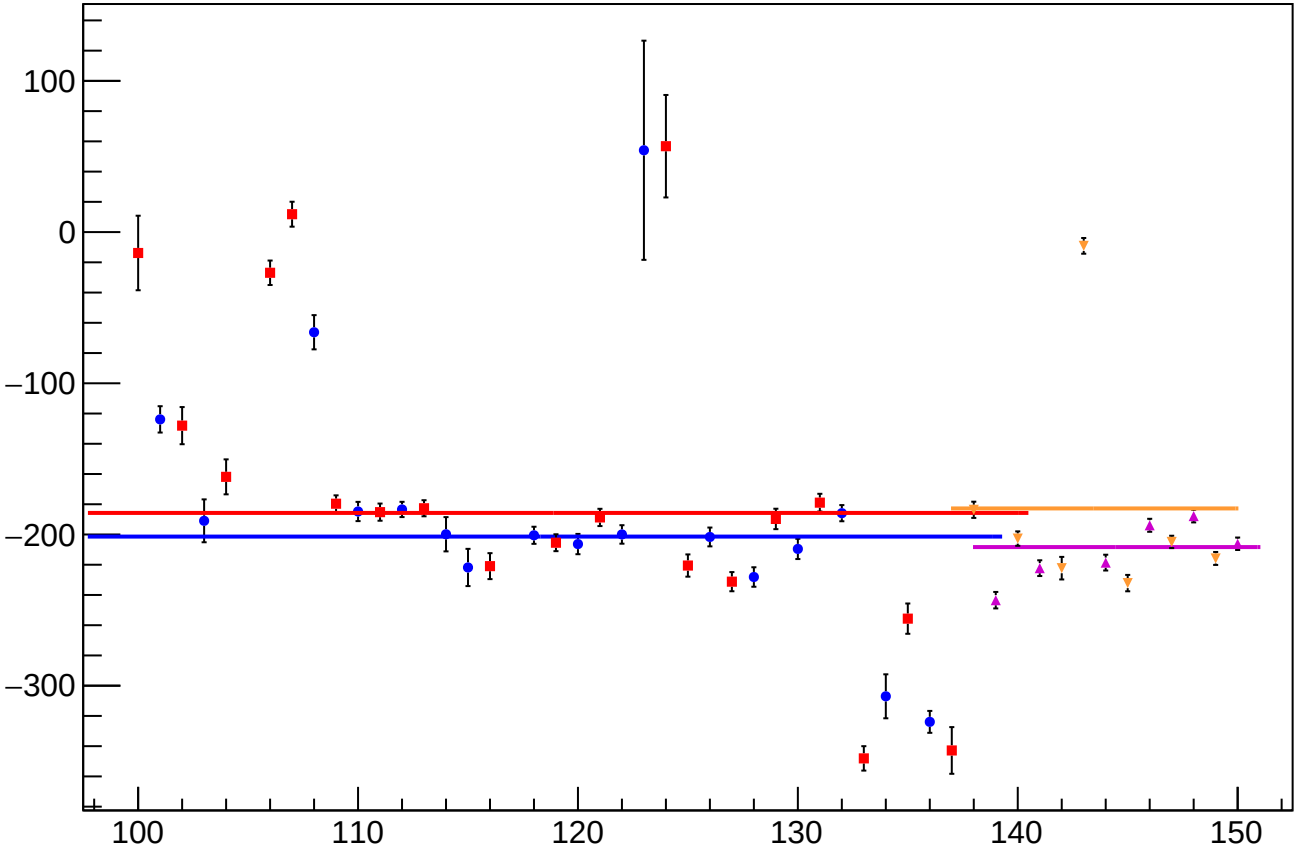
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 6.904+/-0.739 χ^2/NDF:461.3/22

Out: 5.494+/-0.735 χ^2/NDF:500.2/25

All: 6.195+/-0.521 χ^2/NDF: 963.3/48

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -182.768+/-1.883 χ^2/NDF:1333.1/6

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -208.323+/-1.899 χ^2/NDF:88.0/5

Left: -195.435+/-1.337 χ^2/NDF: 1512.4/12

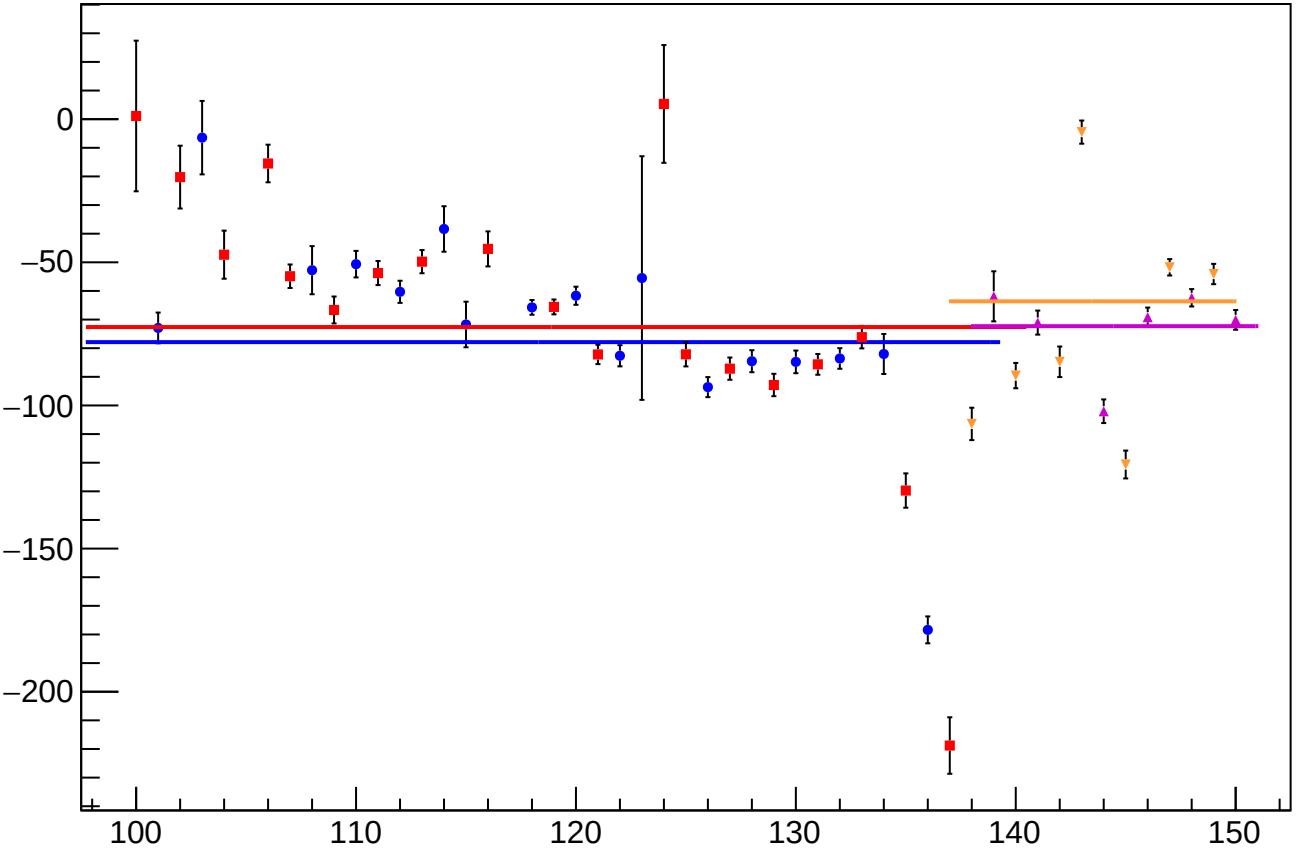
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -204.627+/-1.299 χ^2/NDF:718.6/22

Out: -184.405+/-1.262 χ^2/NDF:3083.8/25

All: -194.226+/-0.905 χ^2/NDF: 3927.1/48

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -63.626+/-1.539 χ^2/NDF:482.8/6

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -72.302+/-1.562 χ^2/NDF:65.3/5

Left: -67.898+/-1.096 χ^2/NDF: 563.8/12

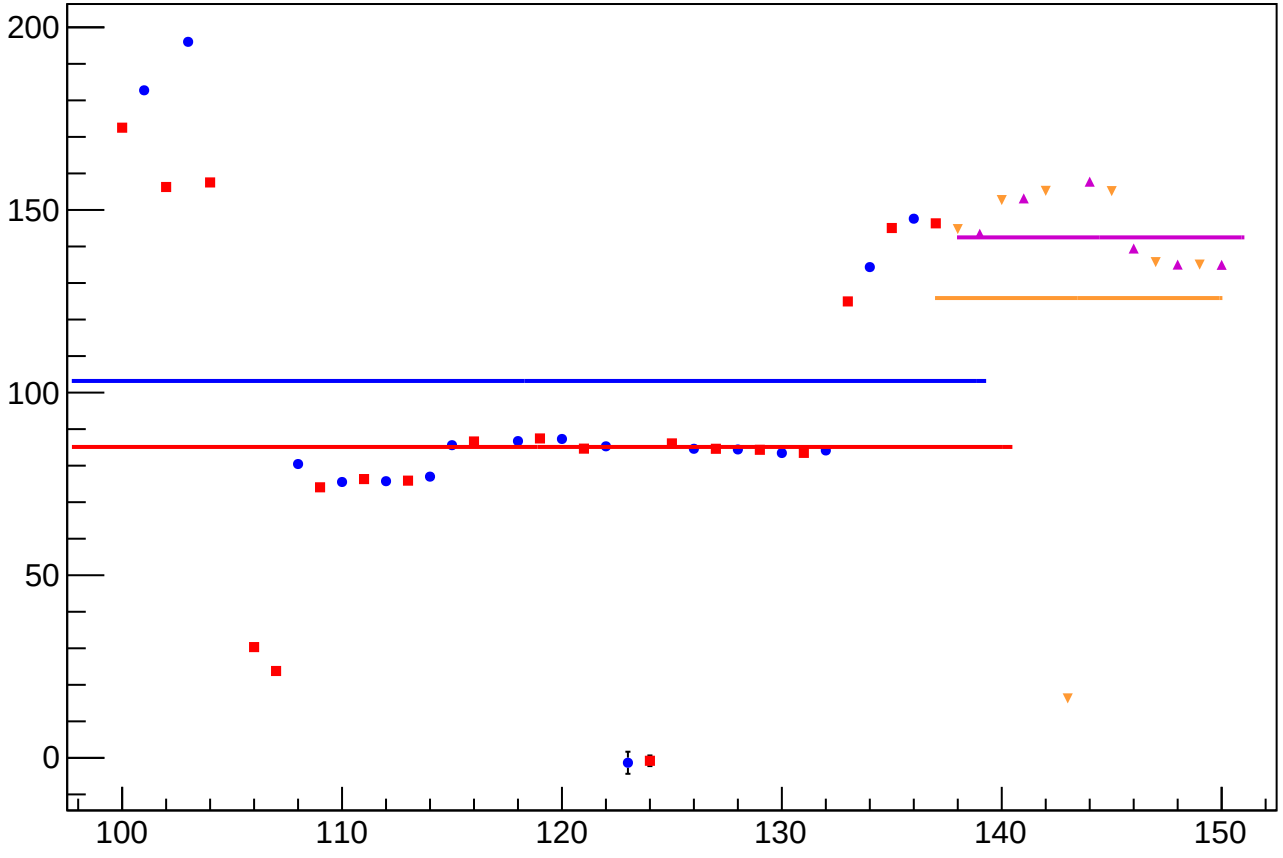
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -76.107+/-0.880 χ^2/NDF:732.2/22

Out: -69.742+/-0.869 χ^2/NDF:1112.9/25

All: -72.885+/-0.619 χ^2/NDF: 1871.5/48

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: 125.882+/-0.080 χ^2/NDF:335767.7/6

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 142.493+/-0.079 χ^2/NDF:10906.2/5

Left: 134.225+/-0.056 χ^2/NDF: 368466.5/12

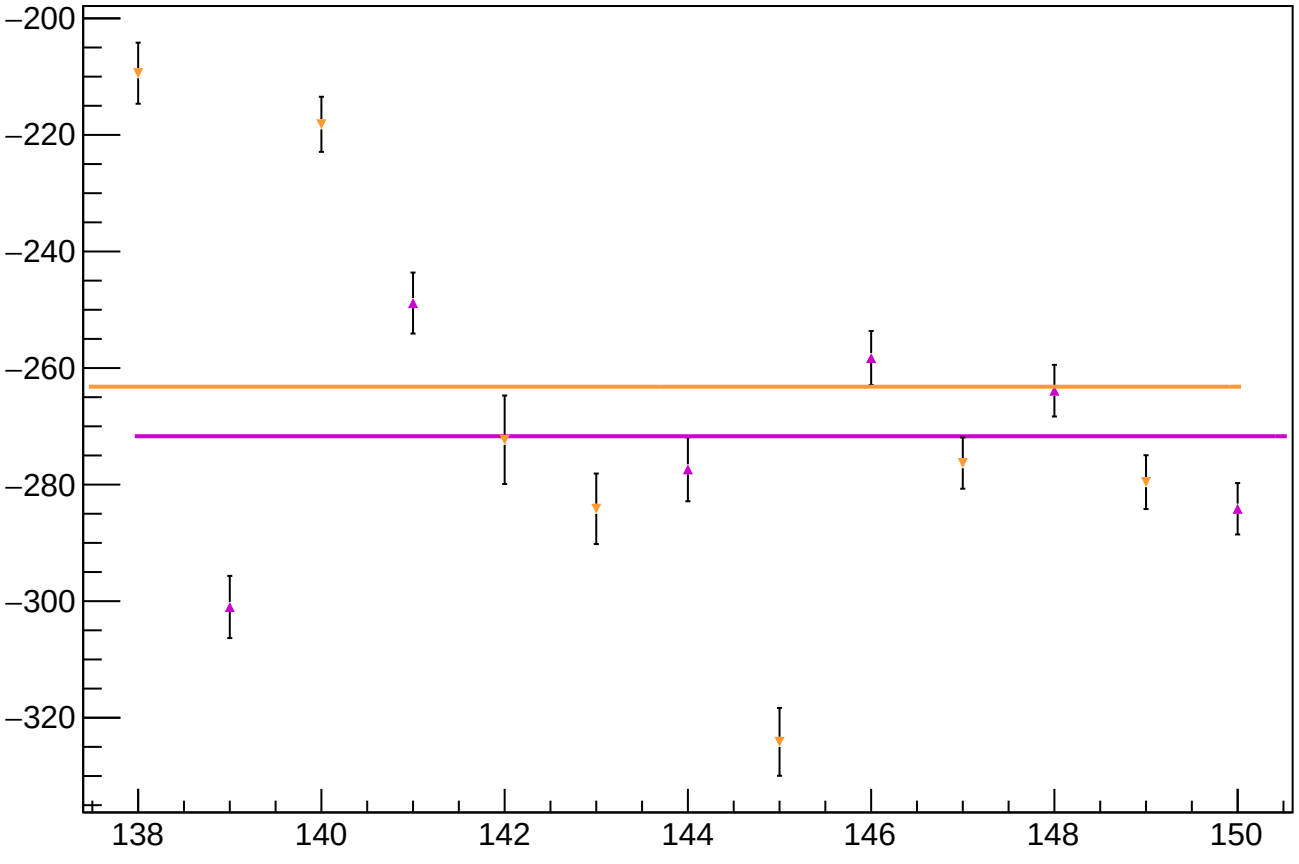
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 120.473+/-0.053 χ^2/NDF:421831.5/22

Out: 101.006+/-0.050 χ^2/NDF:918730.6/25

All: 110.196+/-0.036 χ^2/NDF: 1412751.2/48

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: -263.200+/-1.984 χ^2/NDF:340.6/6

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

Left In: -271.701+/-1.984 χ^2/NDF:69.8/5

Left: -267.450+/-1.403 χ^2/NDF: 419.6/12

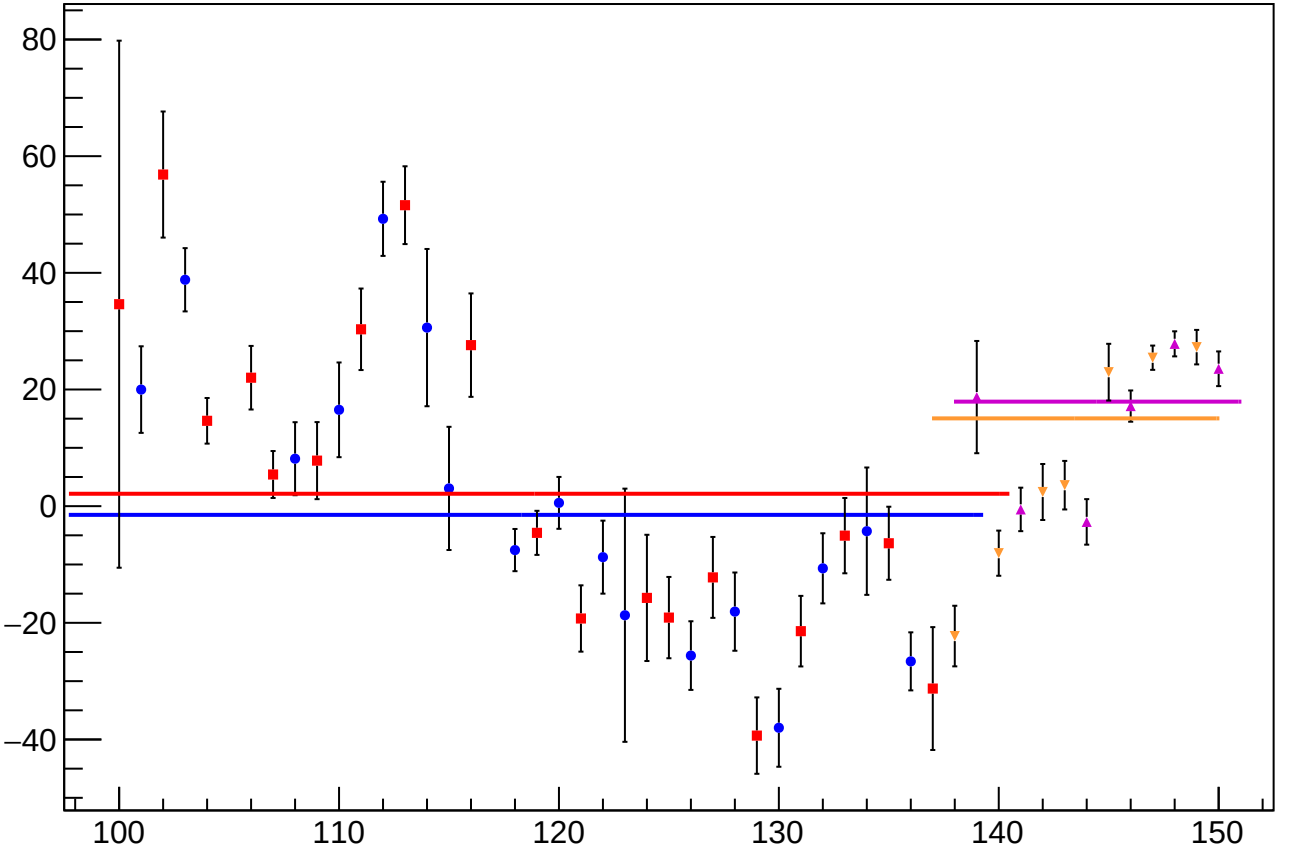
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -271.701+/-1.984 χ^2/NDF:69.8/5

Out: -263.200+/-1.984 χ^2/NDF:340.6/6

All: -267.450+/-1.403 χ^2/NDF: 419.6/12

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: 15.048+/-1.299 χ^2/NDF:146.4/6

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 17.918+/-1.273 χ^2/NDF:77.4/5

Left: 16.512+/-0.909 χ^2/NDF: 226.3/12

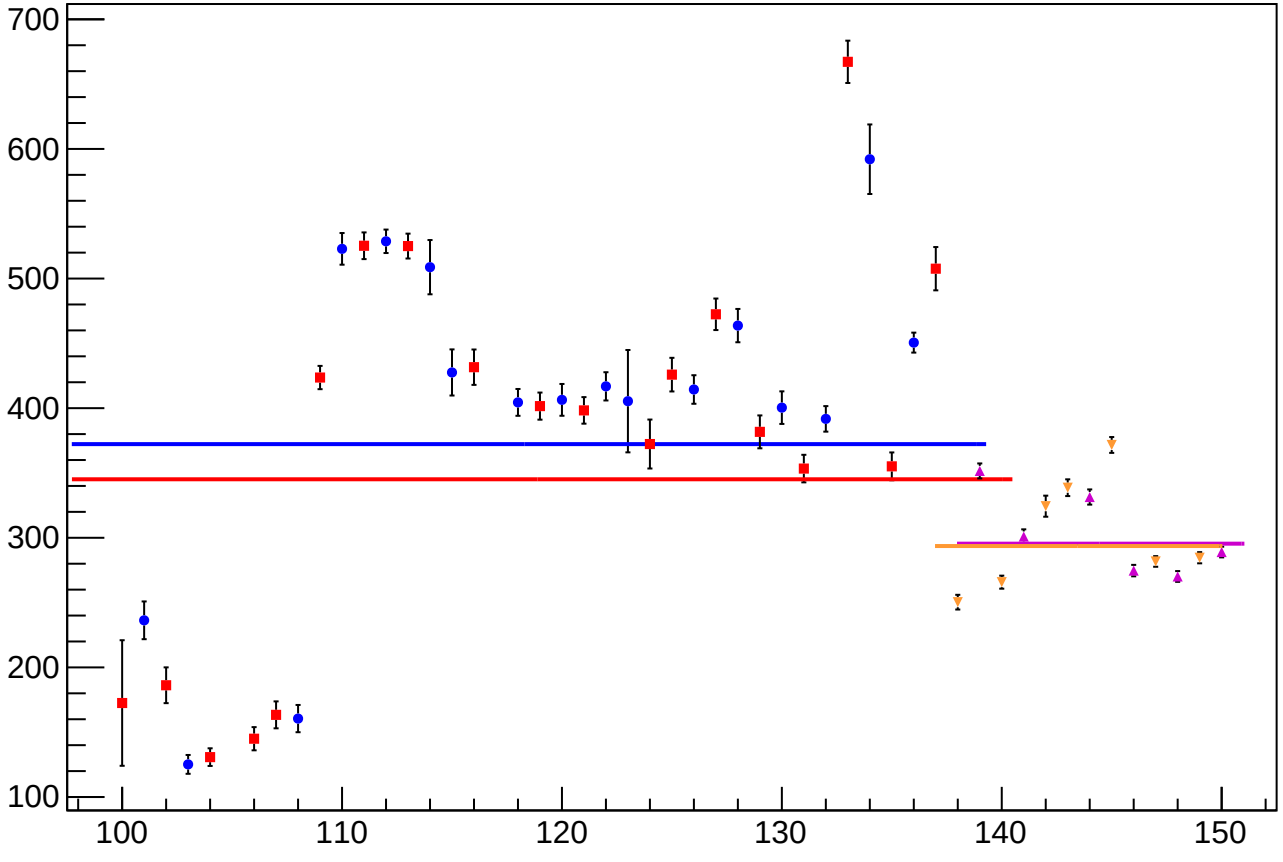
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 9.876+/-0.974 χ^2/NDF:399.9/22

Out: 9.080+/-0.953 χ^2/NDF:424.7/25

All: 9.469+/-0.681 χ^2/NDF: 824.9/48

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: 293.632+/-2.002 χ^2/NDF:327.4/6

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 295.461+/-1.964 χ^2/NDF:194.8/5

Left: 294.564+/-1.402 χ^2/NDF: 522.6/12

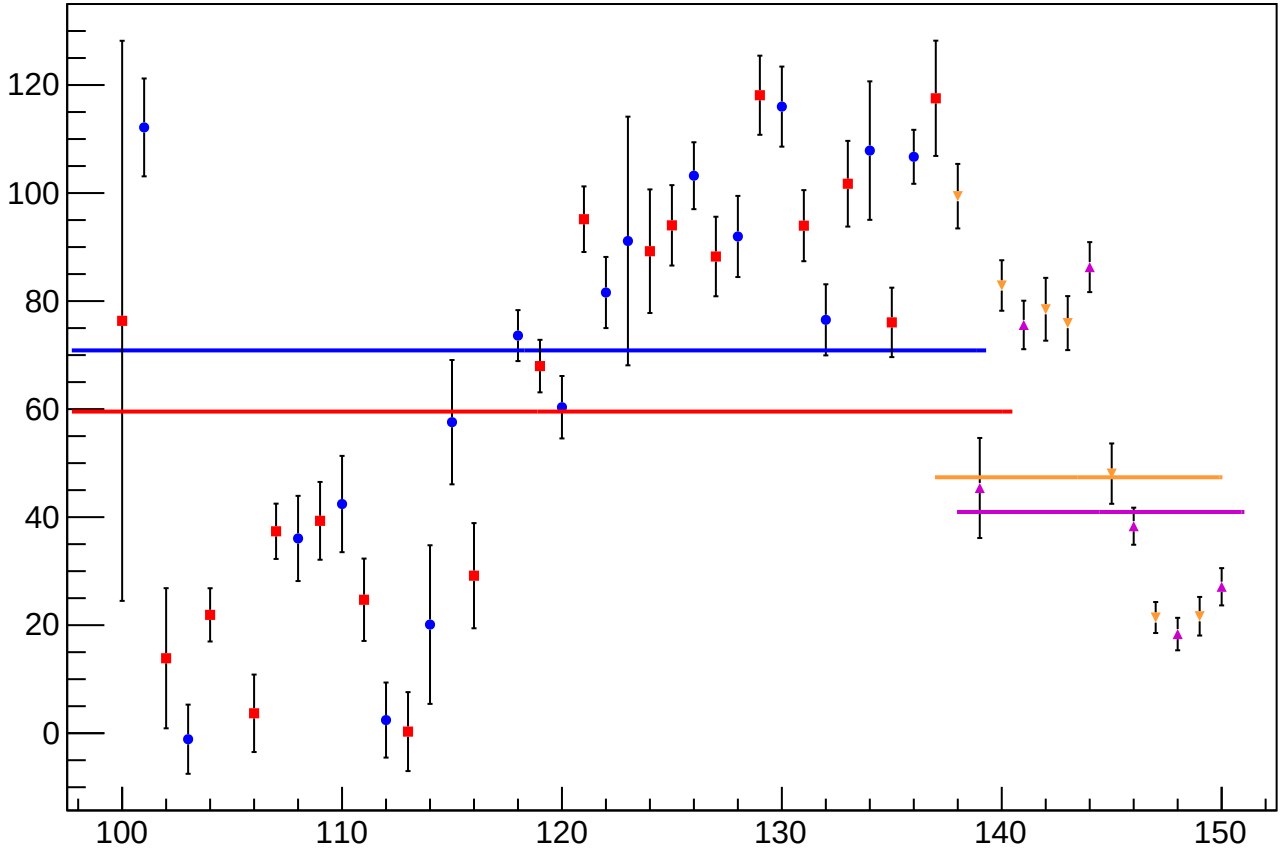
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 321.280+/-1.600 χ^2/NDF:3142.1/22

Out: 313.156+/-1.578 χ^2/NDF:3994.8/25

All: 317.161+/-1.123 χ^2/NDF: 7150.0/48

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 47.380+/-1.633 χ^2/NDF:328.5/6

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 40.955+/-1.607 χ^2/NDF:228.8/5

Left: 44.116+/-1.145 χ^2/NDF: 565.2/12

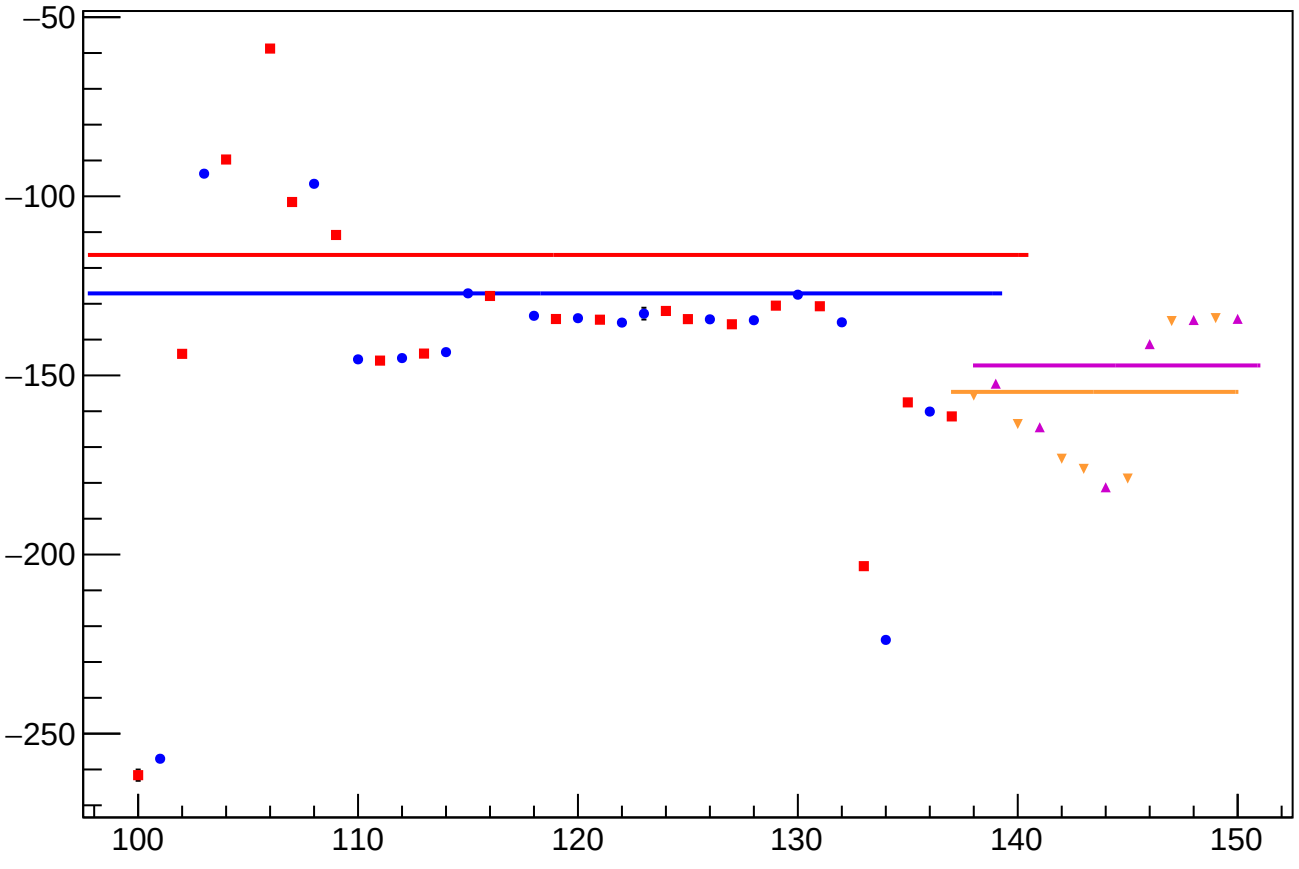
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 54.695+/-1.181 χ^2/NDF:815.0/22

Out: 53.462+/-1.155 χ^2/NDF:847.1/25

All: 54.065+/-0.826 χ^2/NDF: 1662.7/48

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: -154.595+/-0.085 χ^2/NDF:44371.5/6

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -147.217+/-0.082 χ^2/NDF:35678.9/5

Left: -150.760+/-0.059 χ^2/NDF: 83924.0/12

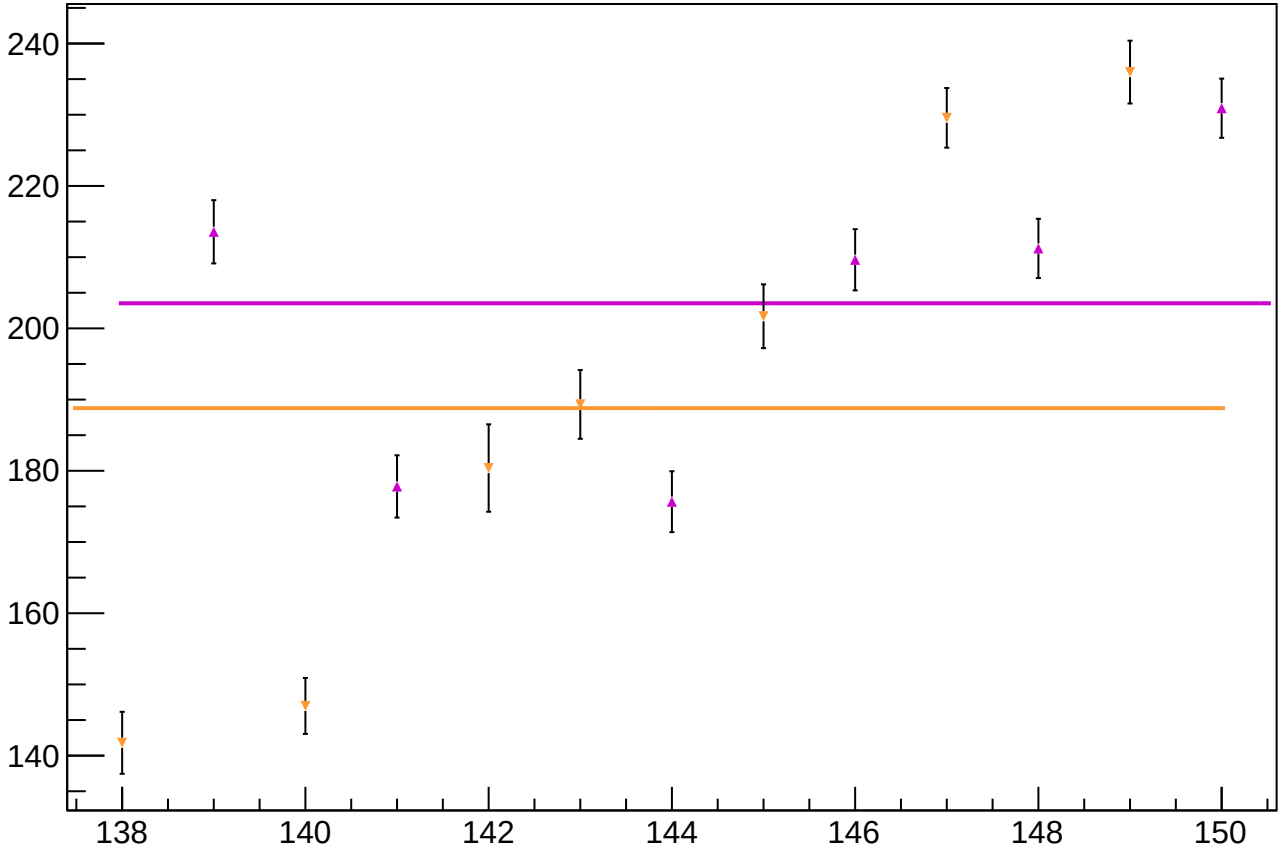
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -138.012+/-0.061 χ^2/NDF:230171.5/22

Out: -134.902+/-0.060 χ^2/NDF:314995.6/25

All: -136.432+/-0.042 χ^2/NDF: 546510.4/48

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: 188.801+/-1.702 χ^2/NDF:449.1/6

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

Left In: 203.523+/-1.747 χ^2/NDF:131.0/5

Left: 195.968+/-1.219 χ^2/NDF: 616.6/12

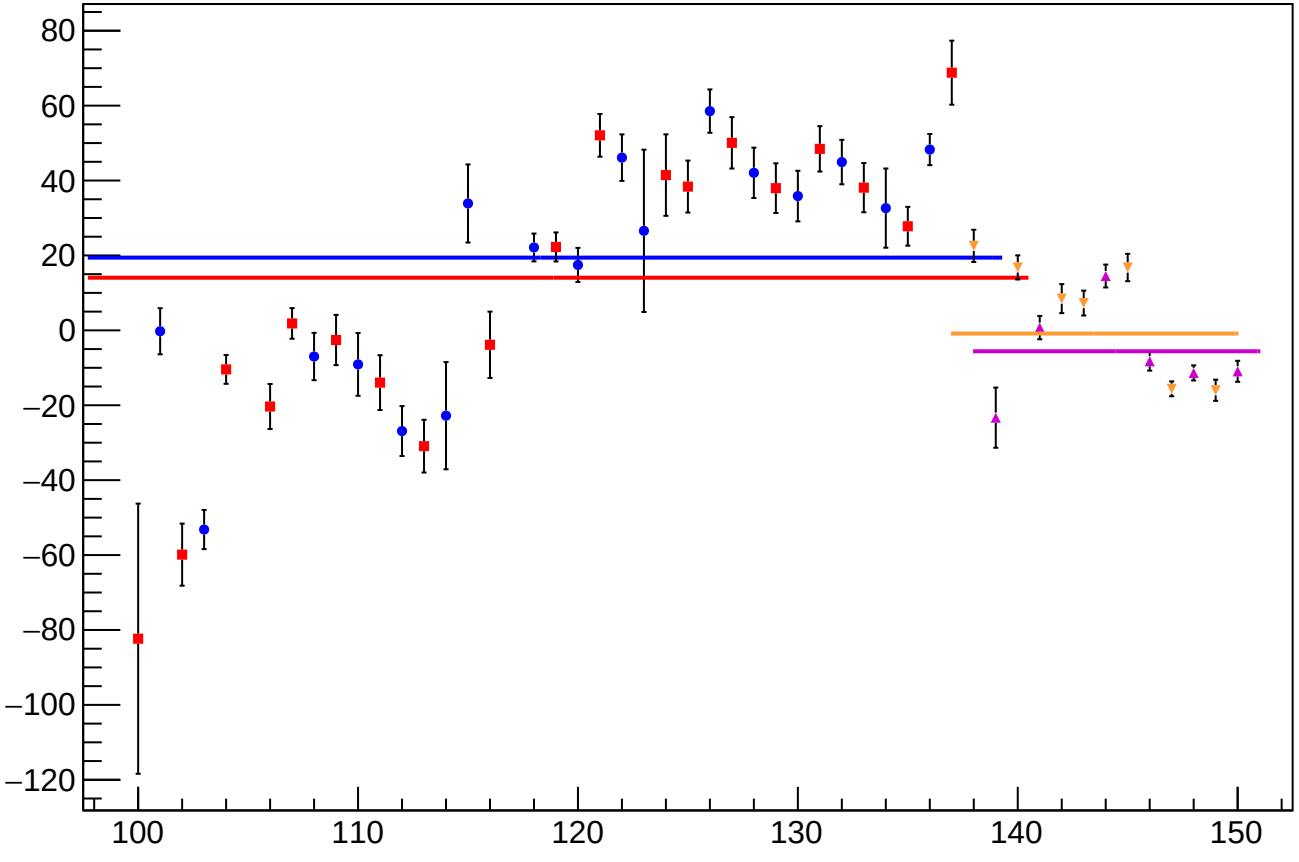
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 203.523+/-1.747 χ^2/NDF:131.0/5

Out: 188.801+/-1.702 χ^2/NDF:449.1/6

All: 195.968+/-1.219 χ^2/NDF: 616.6/12

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: -0.858+/-1.146 χ^2/NDF:178.7/6

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: -5.585+/-1.149 χ^2/NDF:65.2/5

Left: -3.216+/-0.811 χ^2/NDF: 252.4/12

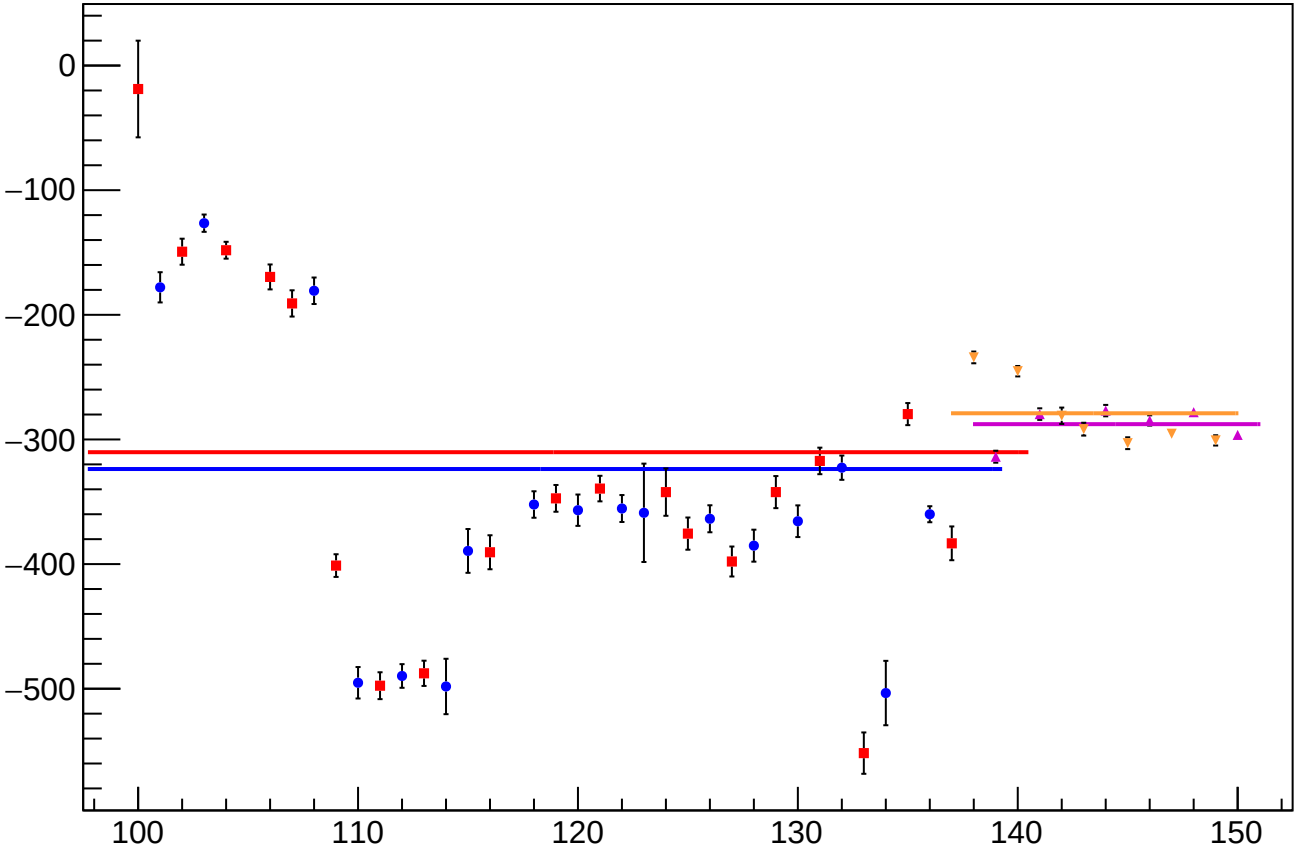
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 3.815+/-0.907 χ^2/NDF:684.4/22

Out: 5.166+/-0.885 χ^2/NDF:683.7/25

All: 4.507+/-0.633 χ^2/NDF: 1369.2/48

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: -278.998+/-1.737 χ^2/NDF:232.5/6

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -287.725+/-1.745 χ^2/NDF:49.6/5

Left: -283.343+/-1.231 χ^2/NDF: 294.7/12

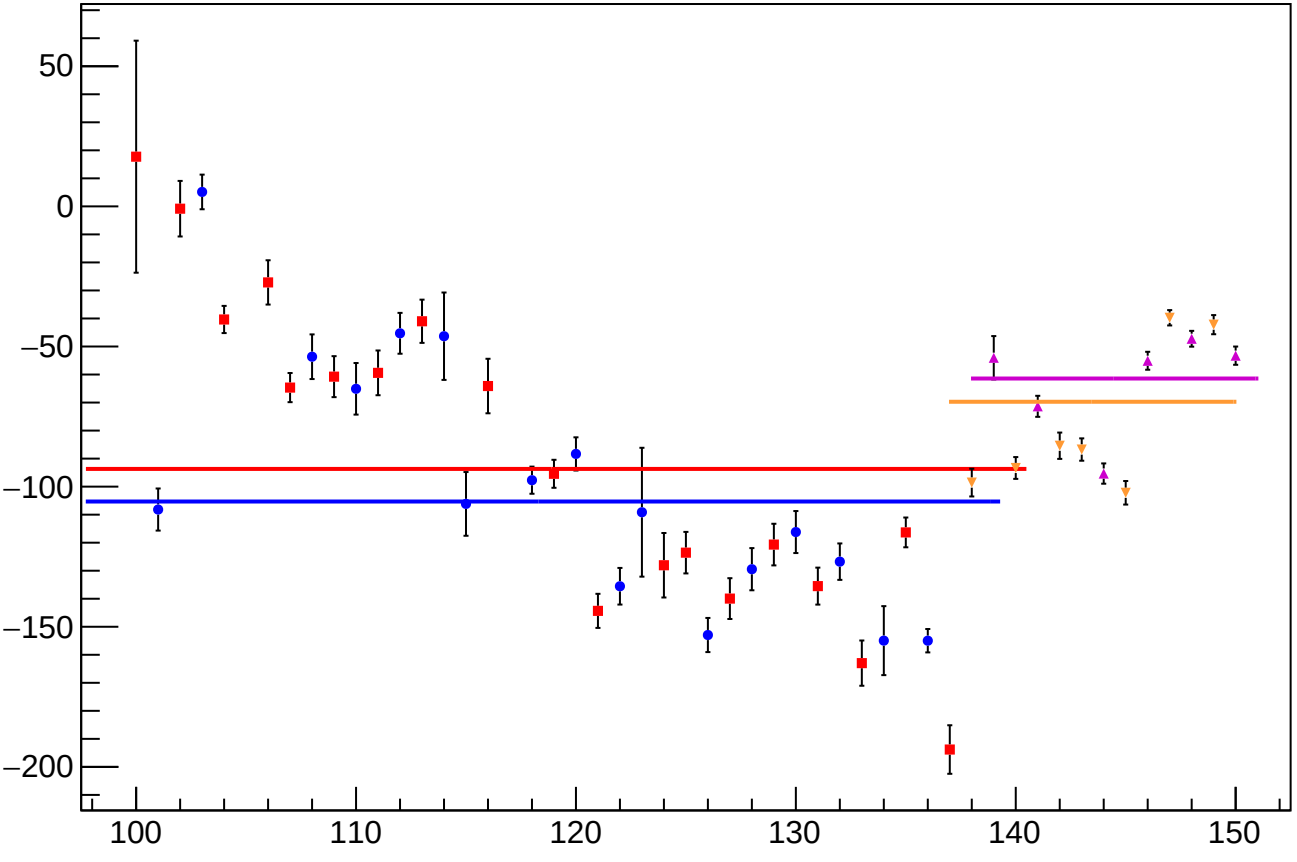
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -298.506+/-1.460 χ^2/NDF:2027.9/22

Out: -289.041+/-1.431 χ^2/NDF:2636.4/25

All: -293.677+/-1.022 χ^2/NDF: 4685.8/48

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: -69.716+/-1.427 χ^2/NDF:344.7/6

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -61.424+/-1.441 χ^2/NDF:131.2/5

Left: -65.609+/-1.014 χ^2/NDF: 492.6/12

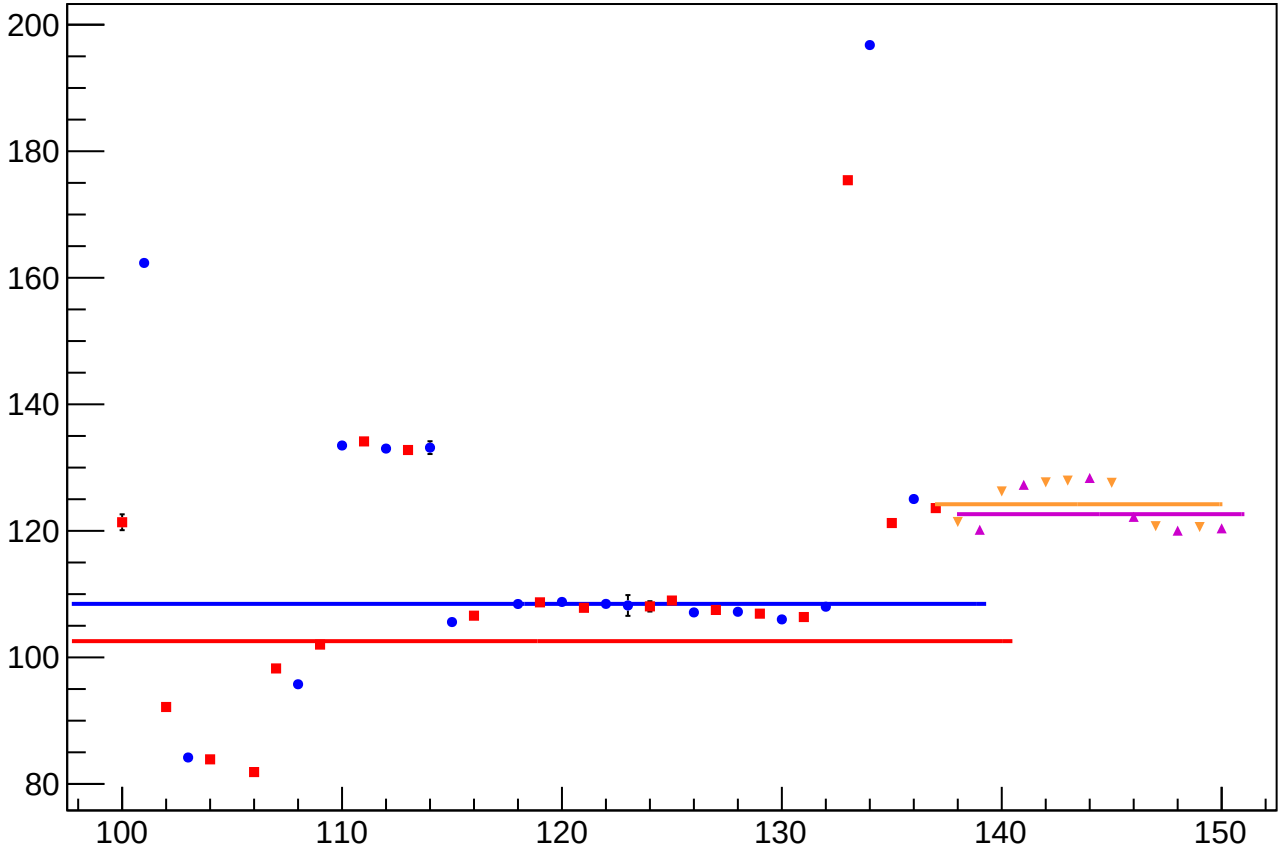
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -79.857+/-1.097 χ^2/NDF:1258.2/22

Out: -80.250+/-1.068 χ^2/NDF:1295.2/25

All: -80.059+/-0.766 χ^2/NDF: 2553.4/48

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 124.208+/-0.073 χ^2/NDF:1932.4/6

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 122.639+/-0.073 χ^2/NDF:2078.0/5

Left: 123.415+/-0.052 χ^2/NDF: 4241.1/12

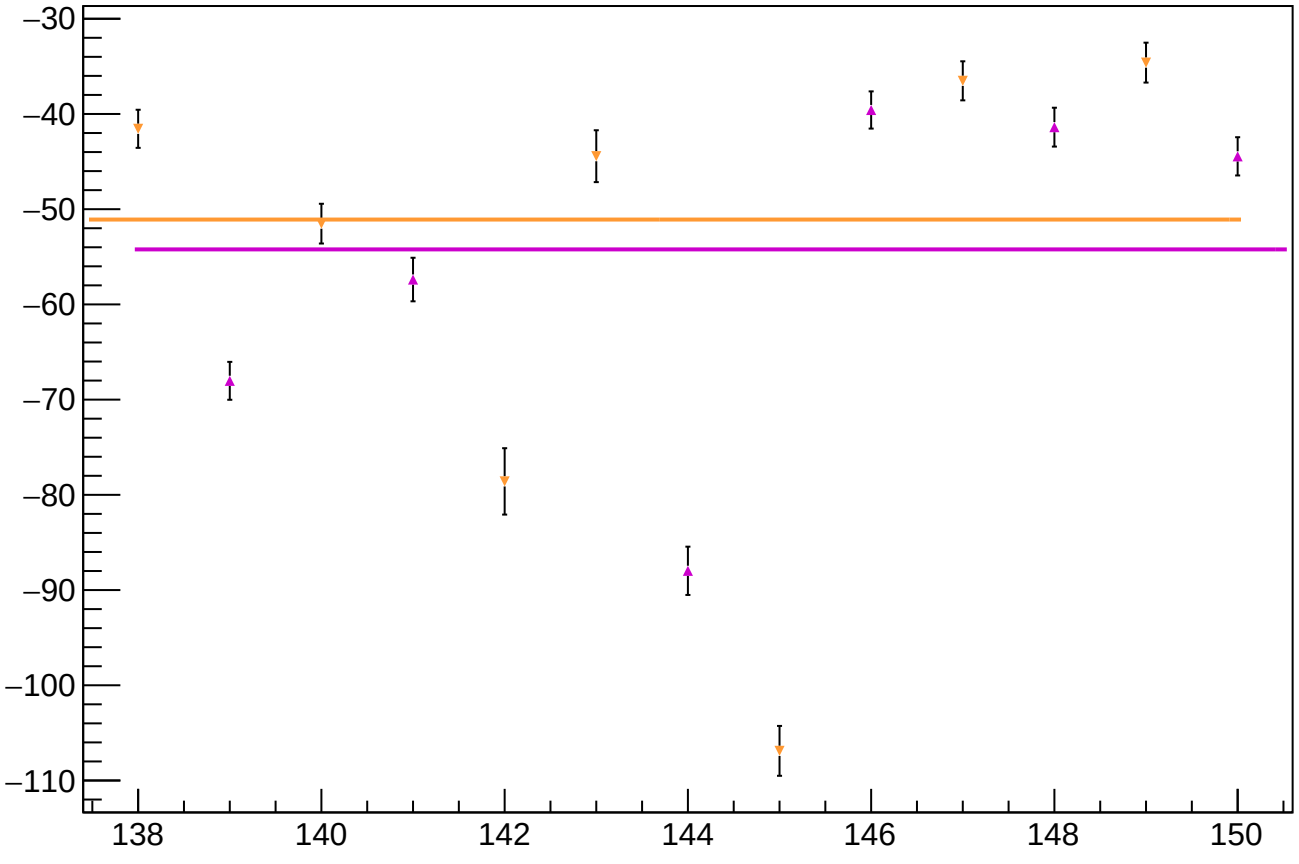
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 116.629+/-0.055 χ^2/NDF:91515.4/22

Out: 114.237+/-0.054 χ^2/NDF:95058.5/25

All: 115.406+/-0.039 χ^2/NDF: 187535.3/48

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: -51.088+/-0.874 χ^2/NDF:657.2/6

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

Left In: -54.223+/-0.861 χ^2/NDF:346.7/5

Left: -52.680+/-0.613 χ^2/NDF: 1010.4/12

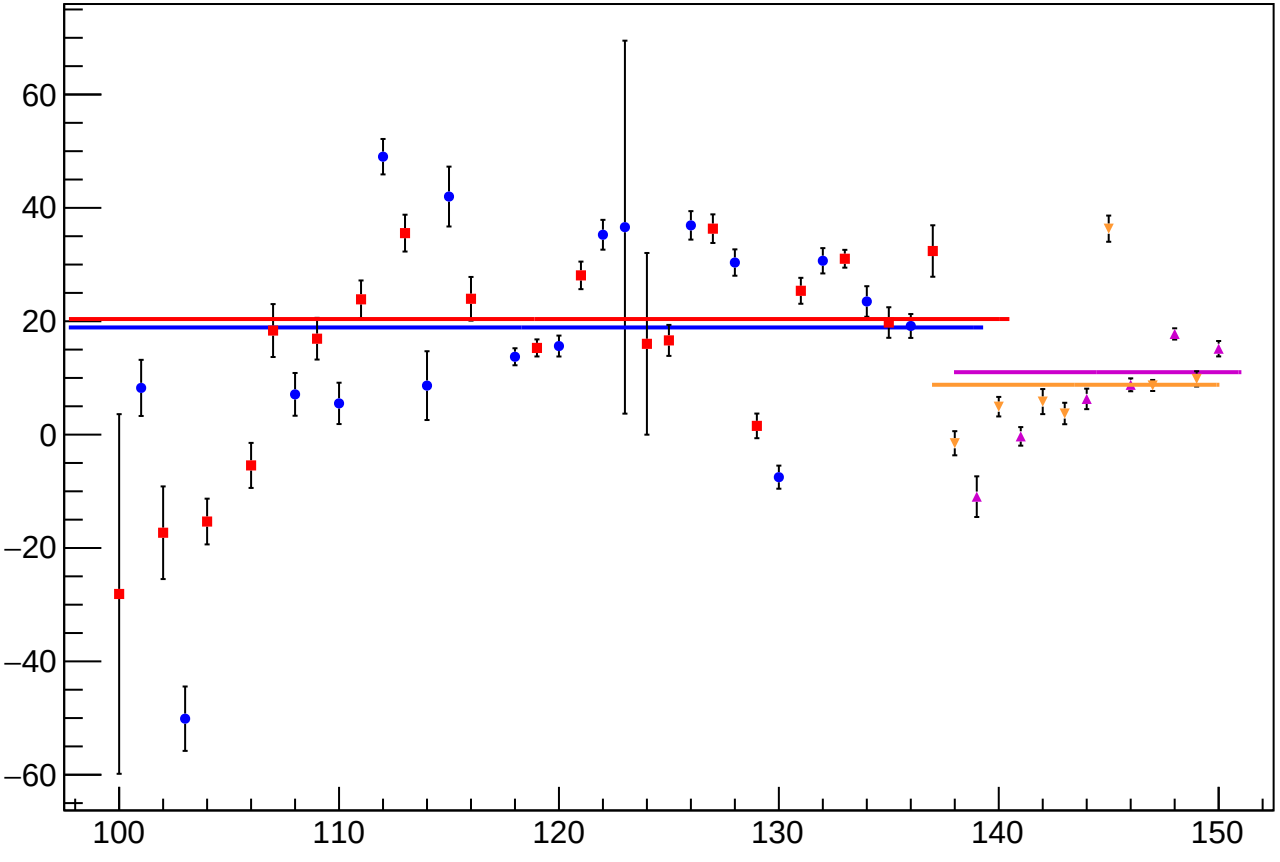
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.223+/-0.861 χ^2/NDF:346.7/5

Out: -51.088+/-0.874 χ^2/NDF:657.2/6

All: -52.680+/-0.613 χ^2/NDF: 1010.4/12

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 8.795+/-0.594 χ^2/NDF:180.1/6

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 11.014+/-0.570 χ^2/NDF:151.4/5

Left: 9.952+/-0.411 χ^2/NDF: 338.7/12

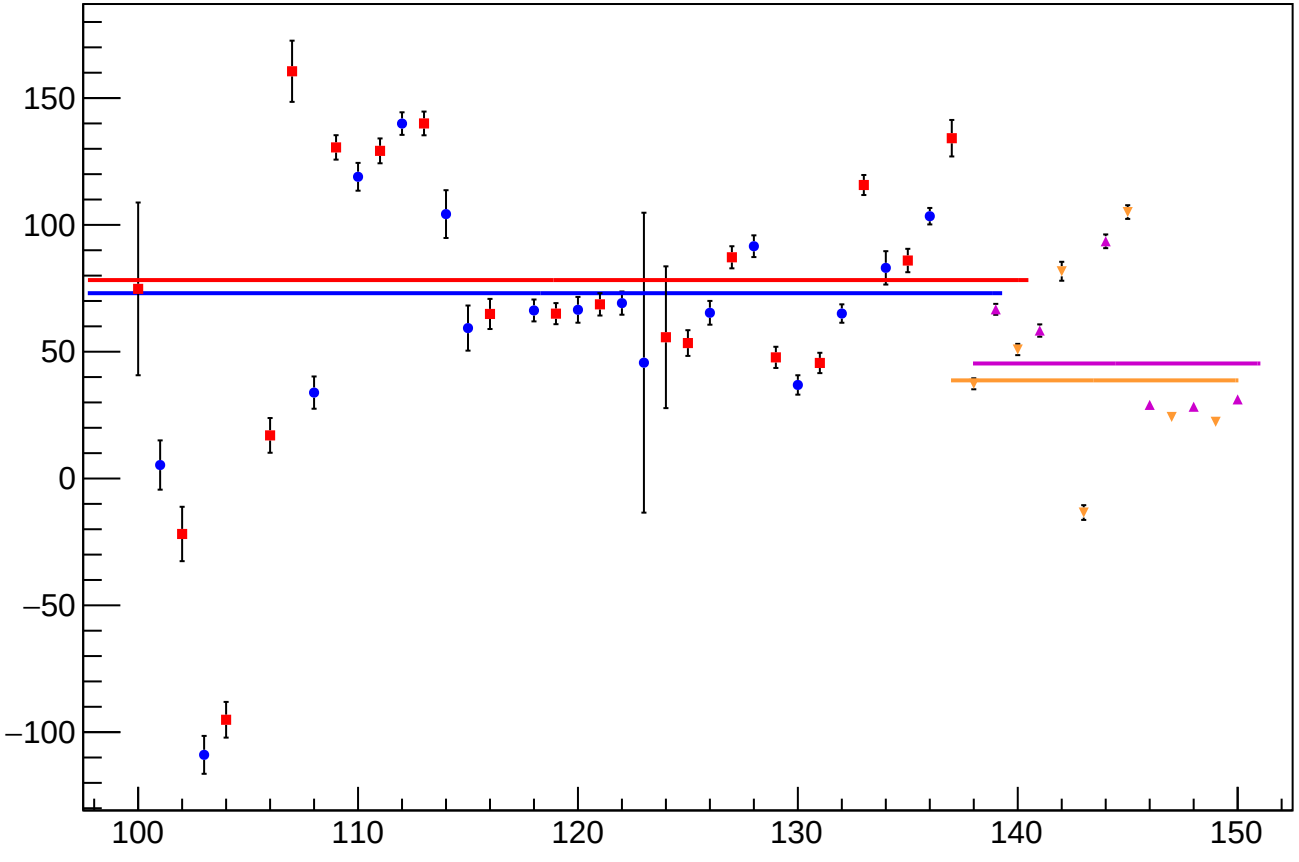
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 14.480+/-0.426 χ^2/NDF:854.7/22

Out: 14.130+/-0.437 χ^2/NDF:720.5/25

All: 14.309+/-0.305 χ^2/NDF: 1575.5/48

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 38.695+/-0.886 χ^2/NDF:1213.1/6

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 45.359+/-0.856 χ^2/NDF:655.1/5

Left: 42.139+/-0.616 χ^2/NDF: 1897.4/12

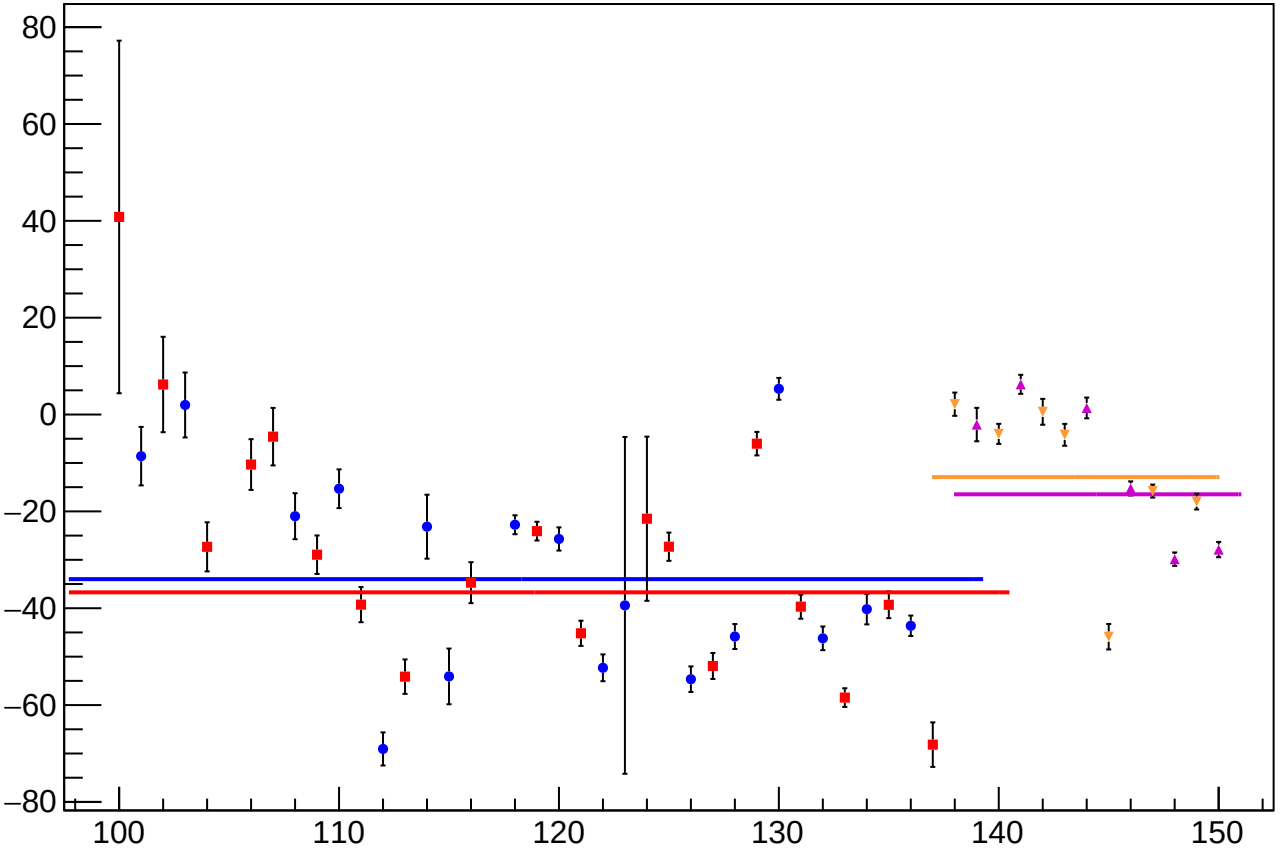
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 54.428+/-0.702 χ^2/NDF:2197.8/22

Out: 52.307+/-0.717 χ^2/NDF:3441.9/25

All: 53.390+/-0.502 χ^2/NDF: 5644.1/48

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: -12.915+/-0.741 χ^2/NDF:269.6/6

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -16.473+/-0.716 χ^2/NDF:366.5/5

Left: -14.756+/-0.515 χ^2/NDF: 648.0/12

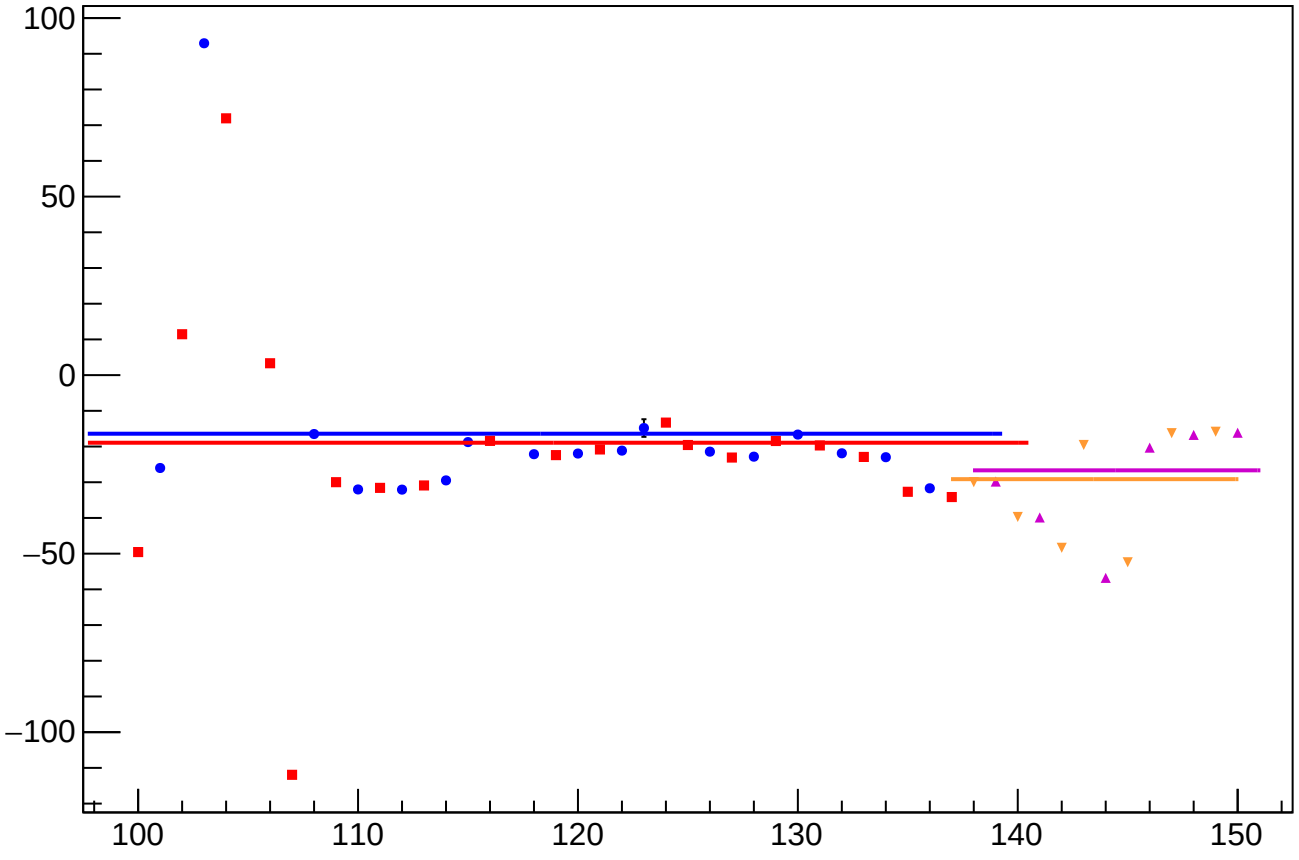
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -24.985+/-0.513 χ^2/NDF:1377.3/22

Out: -24.885+/-0.522 χ^2/NDF:1331.4/25

All: -24.936+/-0.366 χ^2/NDF: 2708.8/48

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -29.136+/-0.037 χ^2/NDF:127475.6/6

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -26.666+/-0.035 χ^2/NDF:122109.1/5

Left: -27.835+/-0.026 χ^2/NDF: 251880.0/12

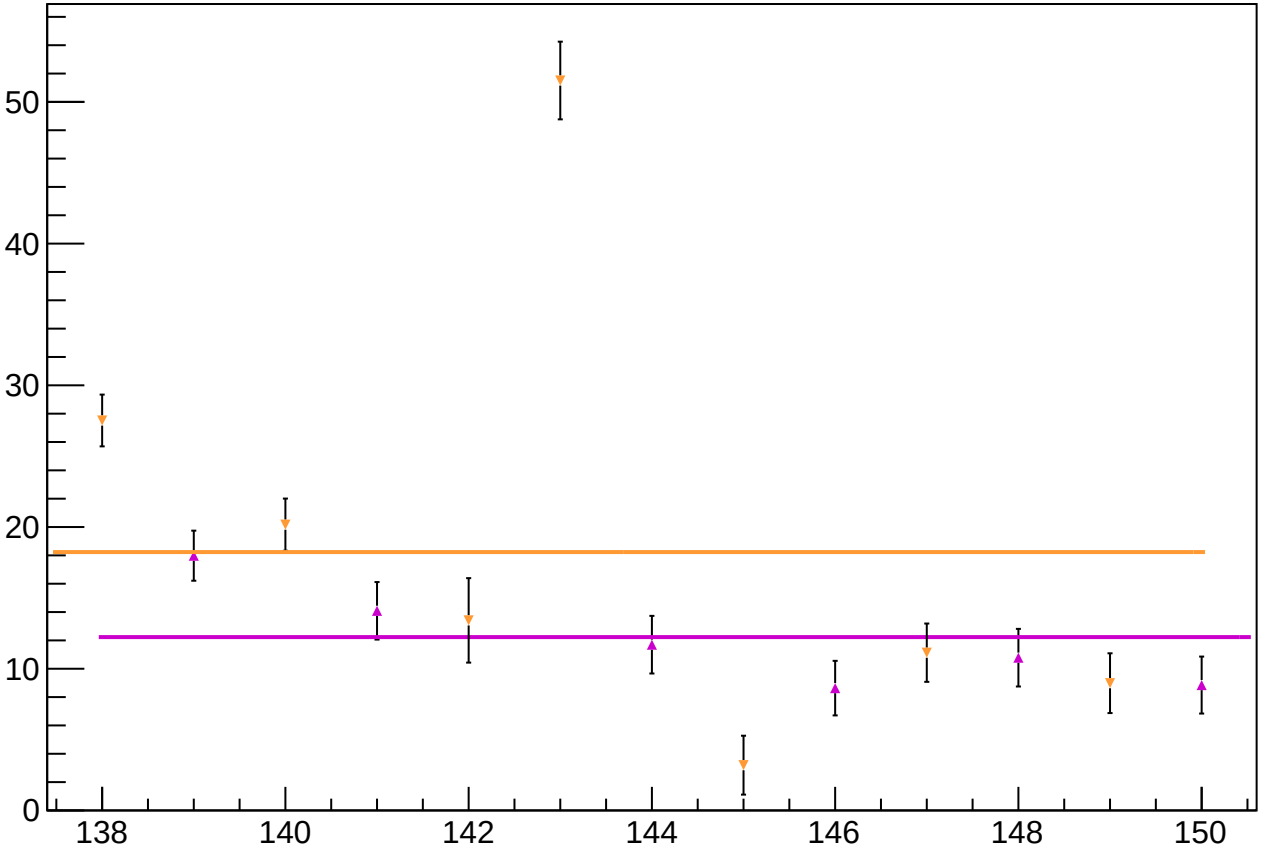
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -22.672+/-0.028 χ^2/NDF:629045.0/22

Out: -24.992+/-0.029 χ^2/NDF:591826.9/25

All: -23.786+/-0.020 χ^2/NDF: 1224235.7/48

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: 18.233+/-0.808 χ^2/NDF:260.4/6

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

Left In: 12.233+/-0.800 χ^2/NDF:18.3/5

Left: 15.203+/-0.568 χ^2/NDF: 306.6/12

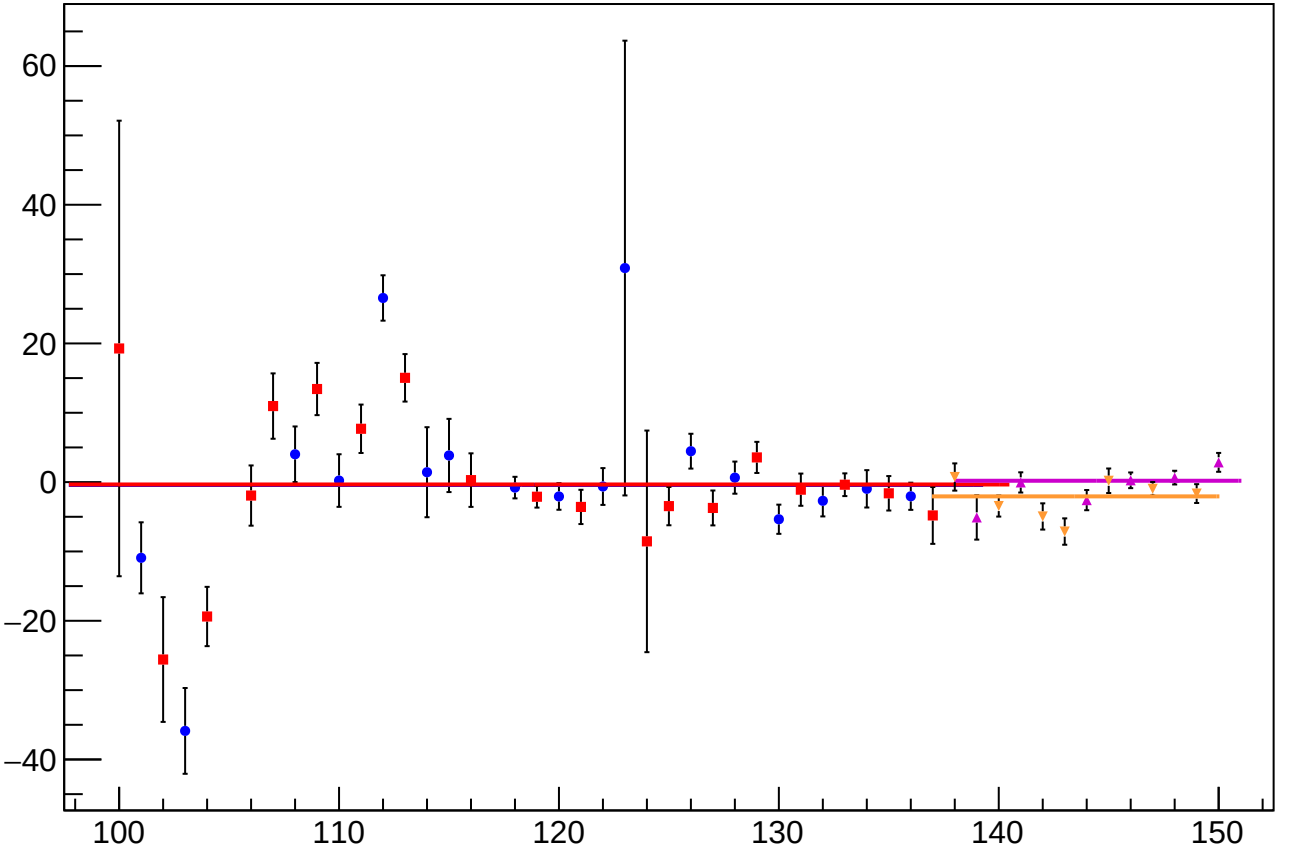
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 12.233+/-0.800 χ^2/NDF:18.3/5

Out: 18.233+/-0.808 χ^2/NDF:260.4/6

All: 15.203+/-0.568 χ^2/NDF: 306.6/12

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: -2.058+/-0.563 χ^2/NDF:15.3/6

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: 0.195+/-0.543 χ^2/NDF:10.4/5

Left: -0.892+/-0.391 χ^2/NDF: 34.0/12

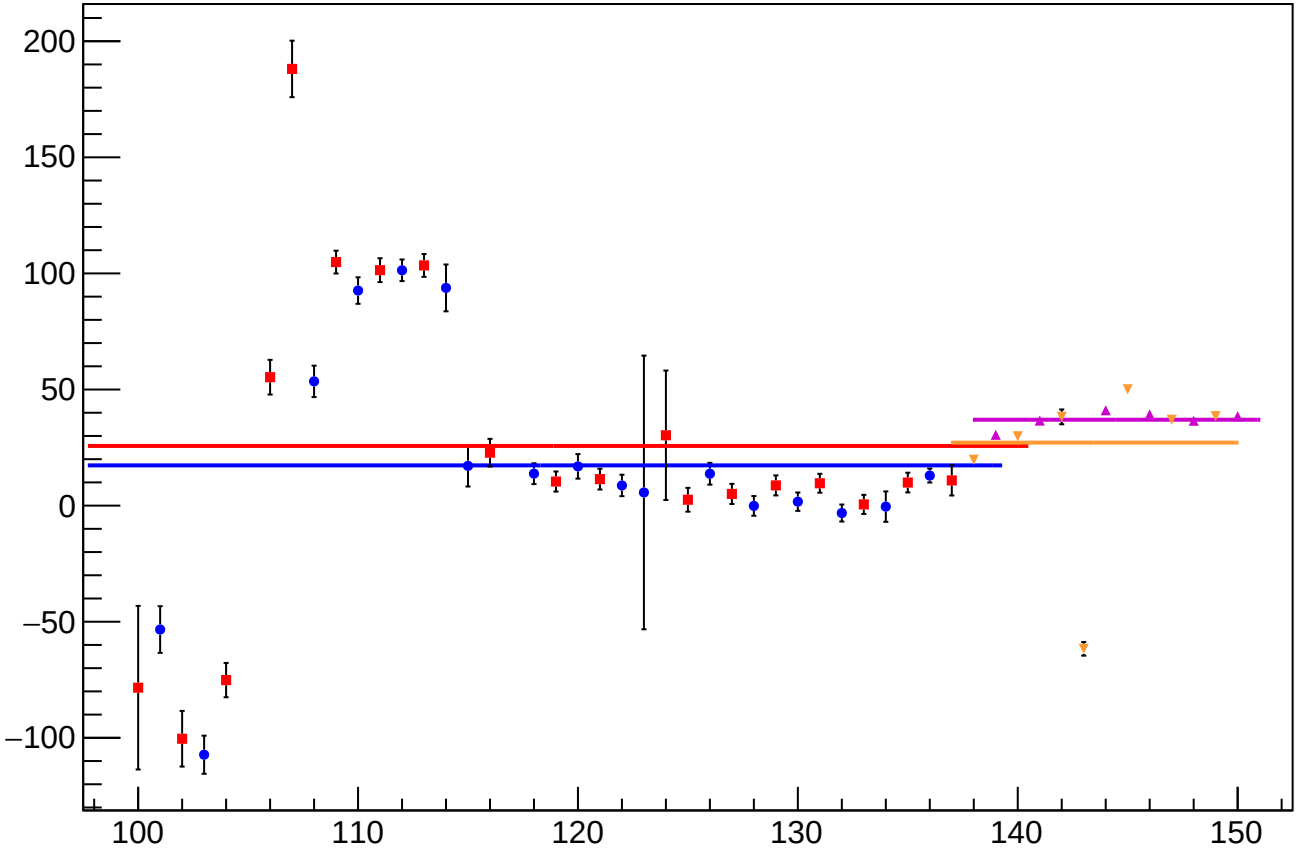
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.054+/-0.418 χ^2/NDF:130.9/22

Out: -1.332+/-0.428 χ^2/NDF:102.9/25

All: -0.678+/-0.299 χ^2/NDF: 238.4/48

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: 27.130+/-0.825 χ^2/NDF:1119.8/6

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 36.988+/-0.803 χ^2/NDF:17.3/5

Left: 32.196+/-0.575 χ^2/NDF: 1210.4/12

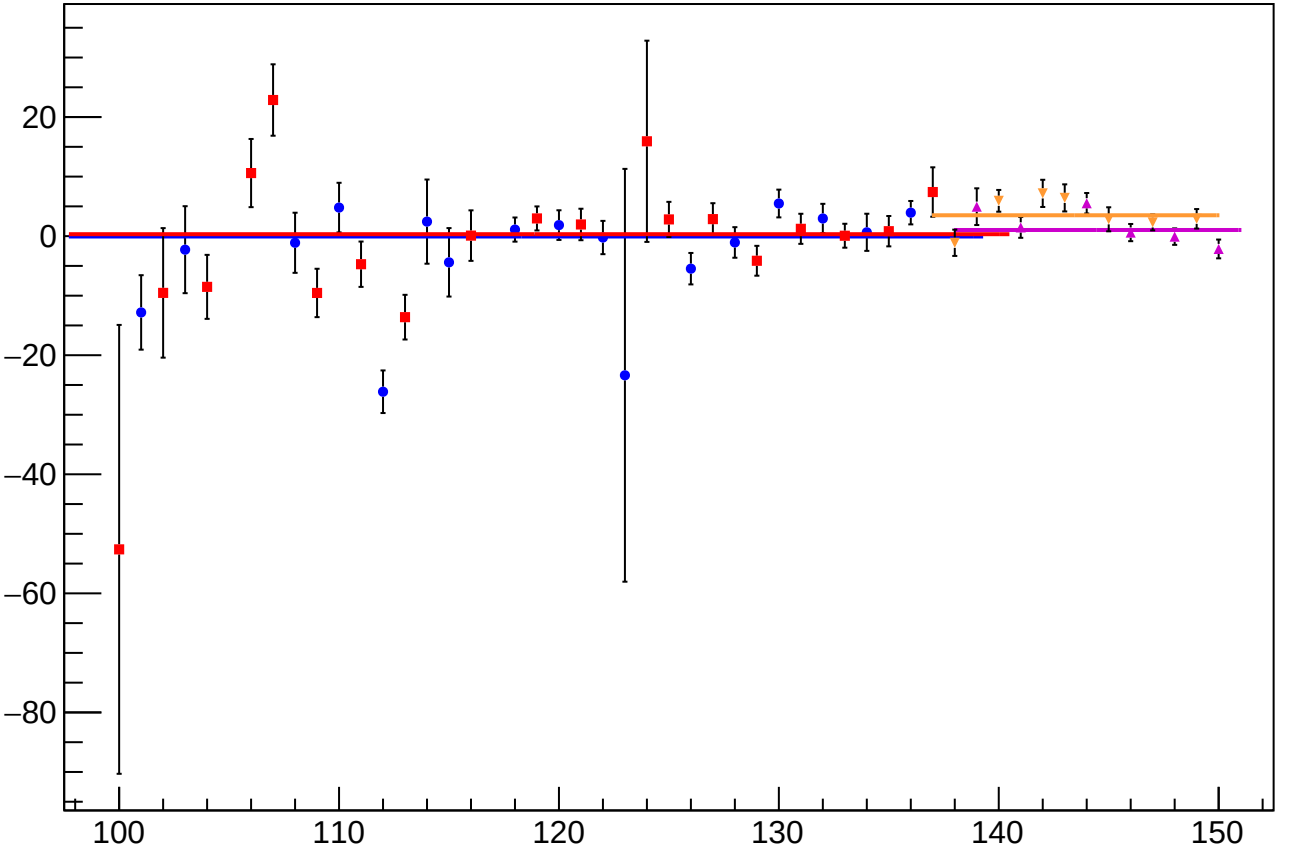
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 31.175+/-0.674 χ^2/NDF:1137.9/22

Out: 26.693+/-0.687 χ^2/NDF:2499.8/25

All: 28.980+/-0.481 χ^2/NDF: 3659.4/48

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: 3.505+/-0.697 χ^2/NDF:11.4/6

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.032+/-0.678 χ^2/NDF:13.3/5

Left: 2.235+/-0.486 χ^2/NDF: 31.2/12

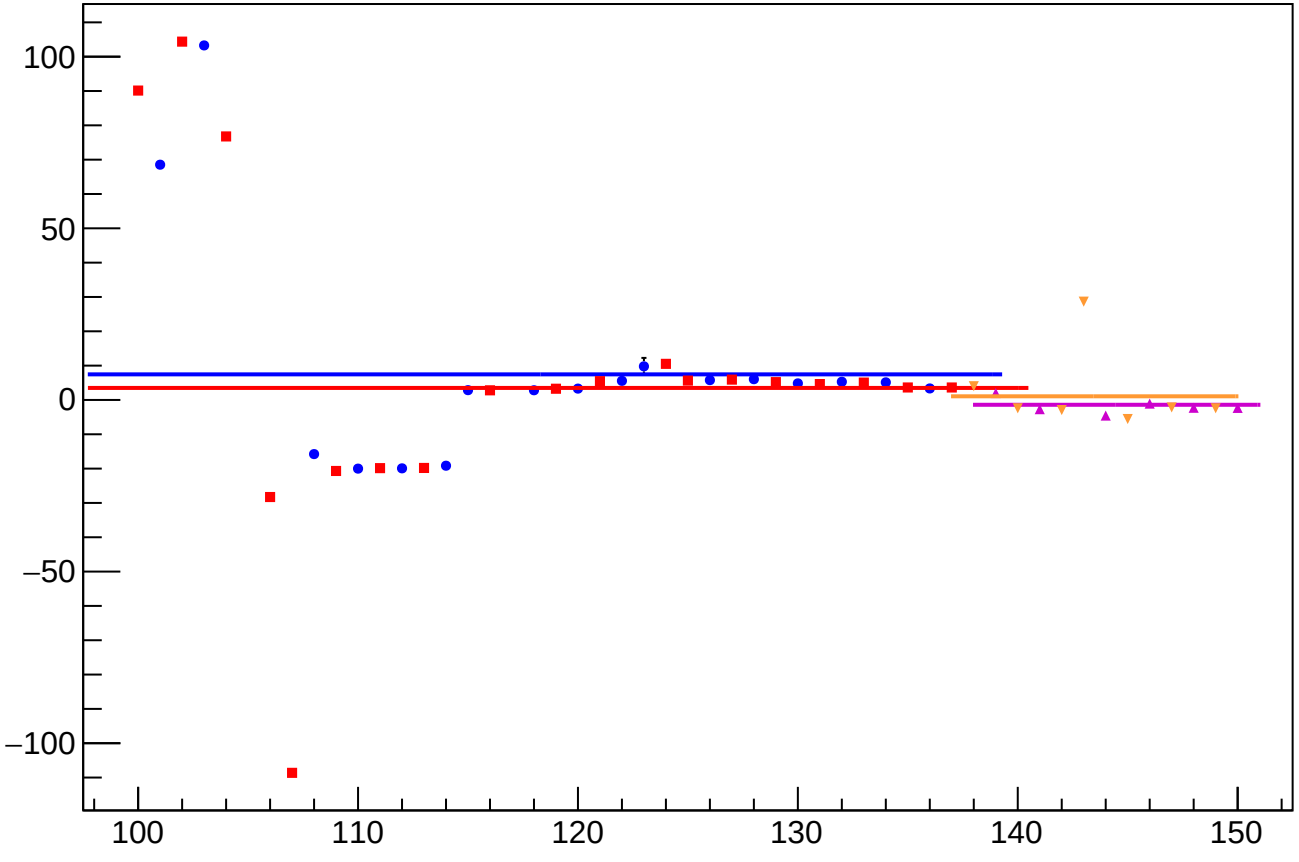
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 0.536+/-0.501 χ^2/NDF:91.0/22

Out: 2.031+/-0.510 χ^2/NDF:76.2/25

All: 1.270+/-0.358 χ^2/NDF: 171.6/48

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: 1.062+/-0.035 χ^2/NDF:68492.5/6

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -1.407+/-0.033 χ^2/NDF:4131.9/5

Left: -0.226+/-0.024 χ^2/NDF: 75288.0/12

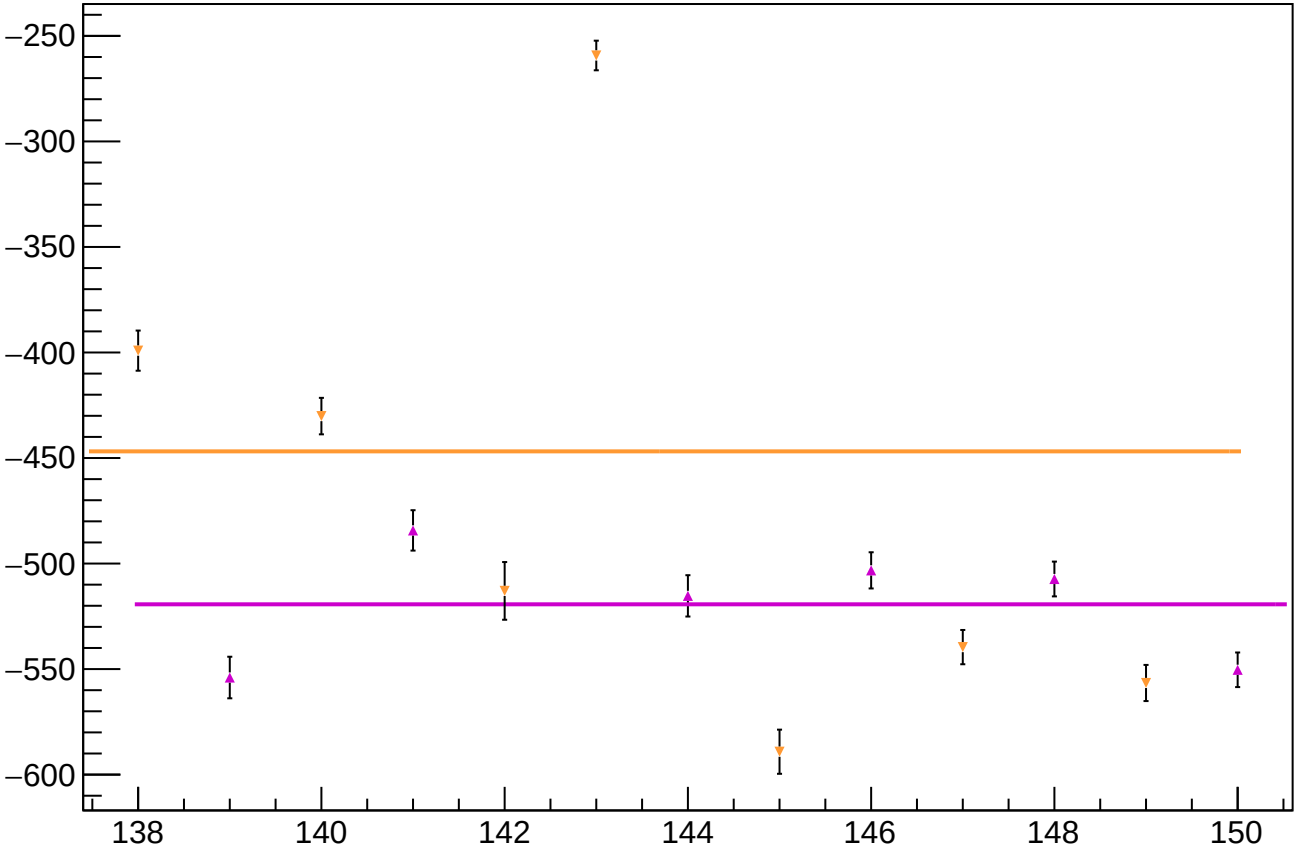
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 1.756+/-0.027 χ^2/NDF:385775.2/22

Out: 1.954+/-0.028 χ^2/NDF:580893.0/25

All: 1.851+/-0.019 χ^2/NDF: 966694.9/48

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: -446.847+/-3.370 χ^2/NDF:1246.5/6

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

Left In: -519.312+/-3.654 χ^2/NDF:45.9/5

Left: -480.151+/-2.477 χ^2/NDF: 1504.9/12

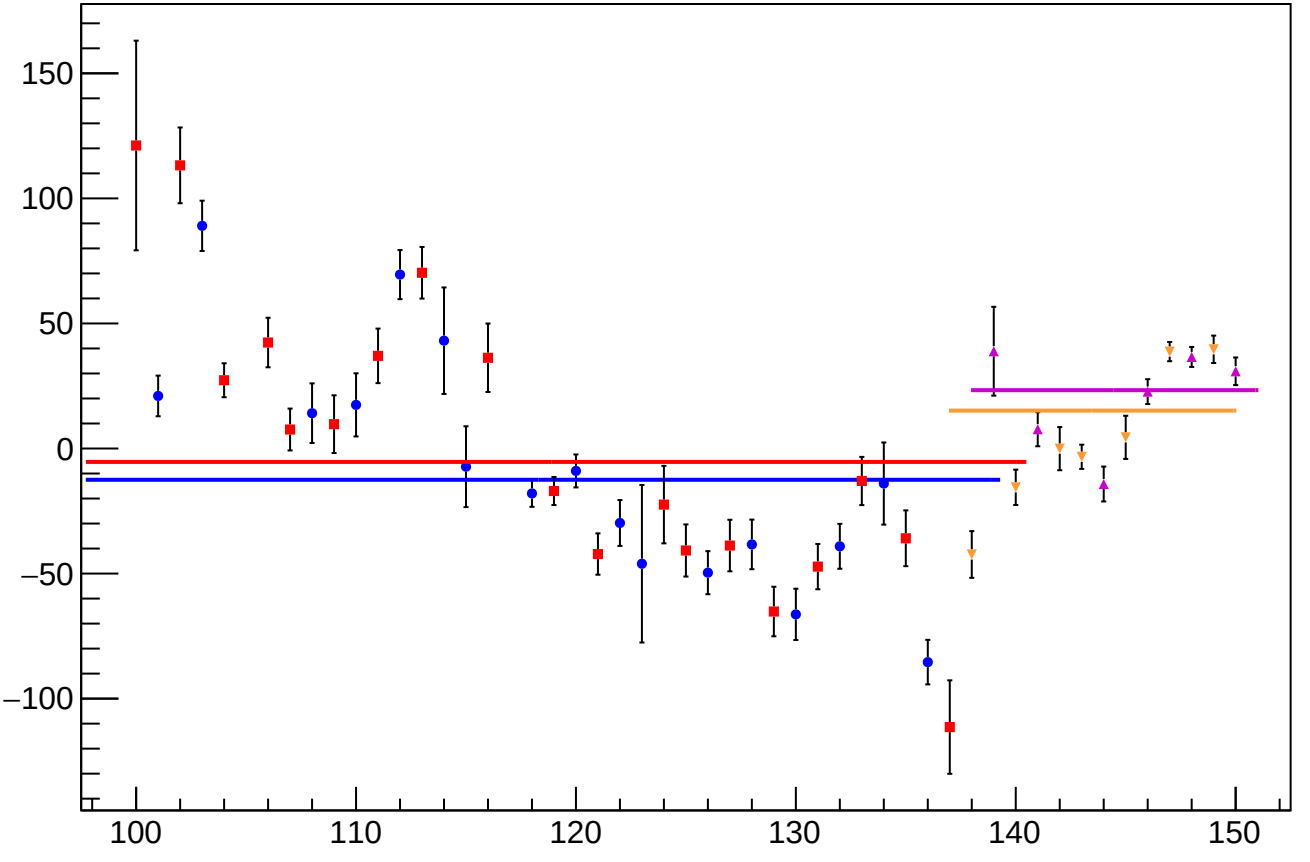
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -519.312+/-3.654 χ^2/NDF:45.9/5

Out: -446.847+/-3.370 χ^2/NDF:1246.5/6

All: -480.151+/-2.477 χ^2/NDF: 1504.9/12

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: 15.166+/-2.225 χ^2/NDF:133.6/6

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 23.324+/-2.349 χ^2/NDF:47.9/5

Left: 19.025+/-1.616 χ^2/NDF: 187.9/12

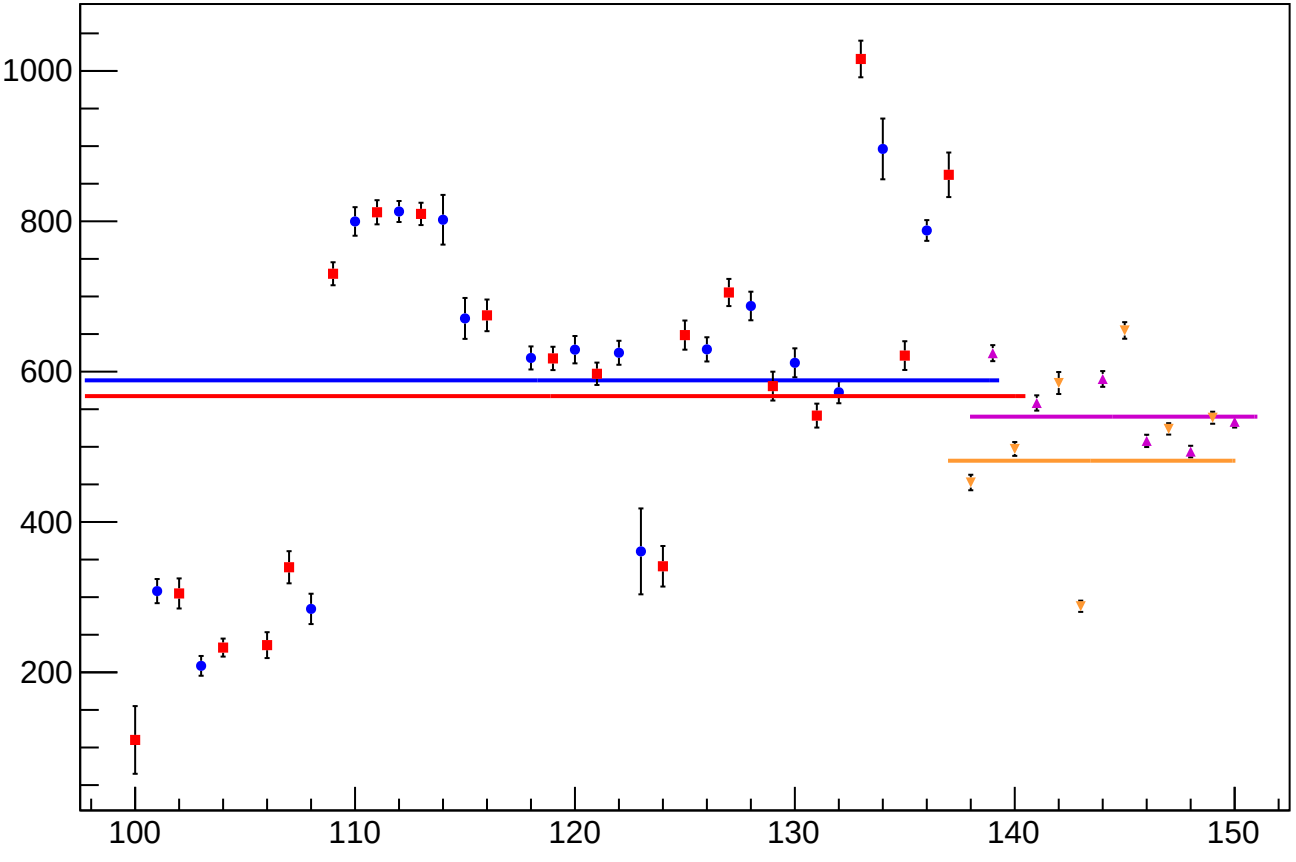
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 5.120+/-1.647 χ^2/NDF:507.2/22

Out: 5.079+/-1.587 χ^2/NDF:520.0/25

All: 5.099+/-1.143 χ^2/NDF: 1027.2/48

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: 481.504+/-3.431 χ^2/NDF:1058.3/6

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 540.124+/-3.621 χ^2/NDF:141.3/5

Left: 509.236+/-2.491 χ^2/NDF: 1337.7/12

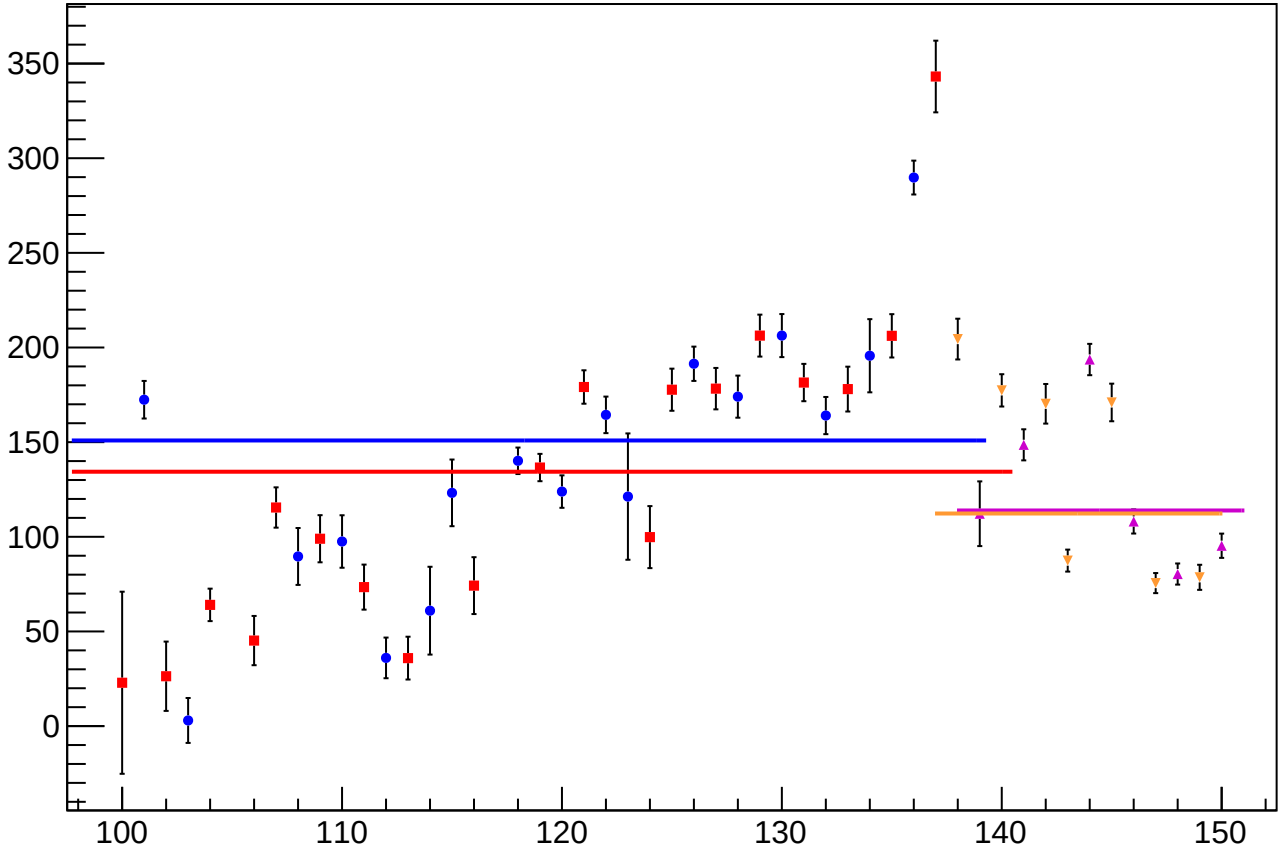
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 560.051+/-2.775 χ^2/NDF:2344.9/22

Out: 516.530+/-2.641 χ^2/NDF:4098.8/25

All: 537.212+/-1.913 χ^2/NDF: 6572.8/48

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 112.305+/-2.778 χ^2/NDF:289.2/6

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 113.905+/-2.963 χ^2/NDF:156.2/5

Left: 113.053+/-2.026 χ^2/NDF: 445.5/12

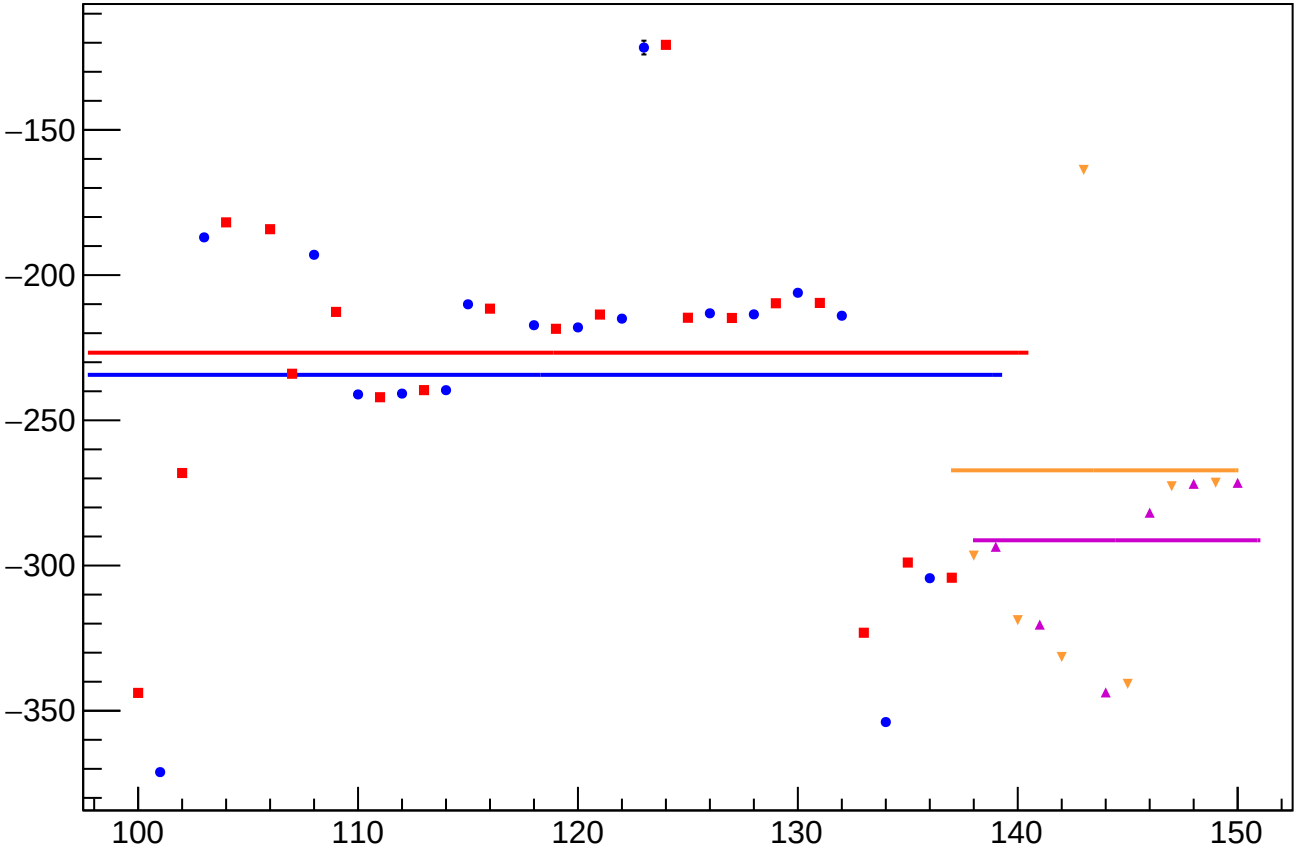
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 134.288+/-1.985 χ^2/NDF:876.9/22

Out: 123.989+/-1.906 χ^2/NDF:907.5/25

All: 128.929+/-1.375 χ^2/NDF: 1798.4/48

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: -267.221+/-0.145 χ^2/NDF:180842.7/6

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -291.308+/-0.152 χ^2/NDF:25948.3/5

Left: -278.749+/-0.105 χ^2/NDF: 219964.7/12

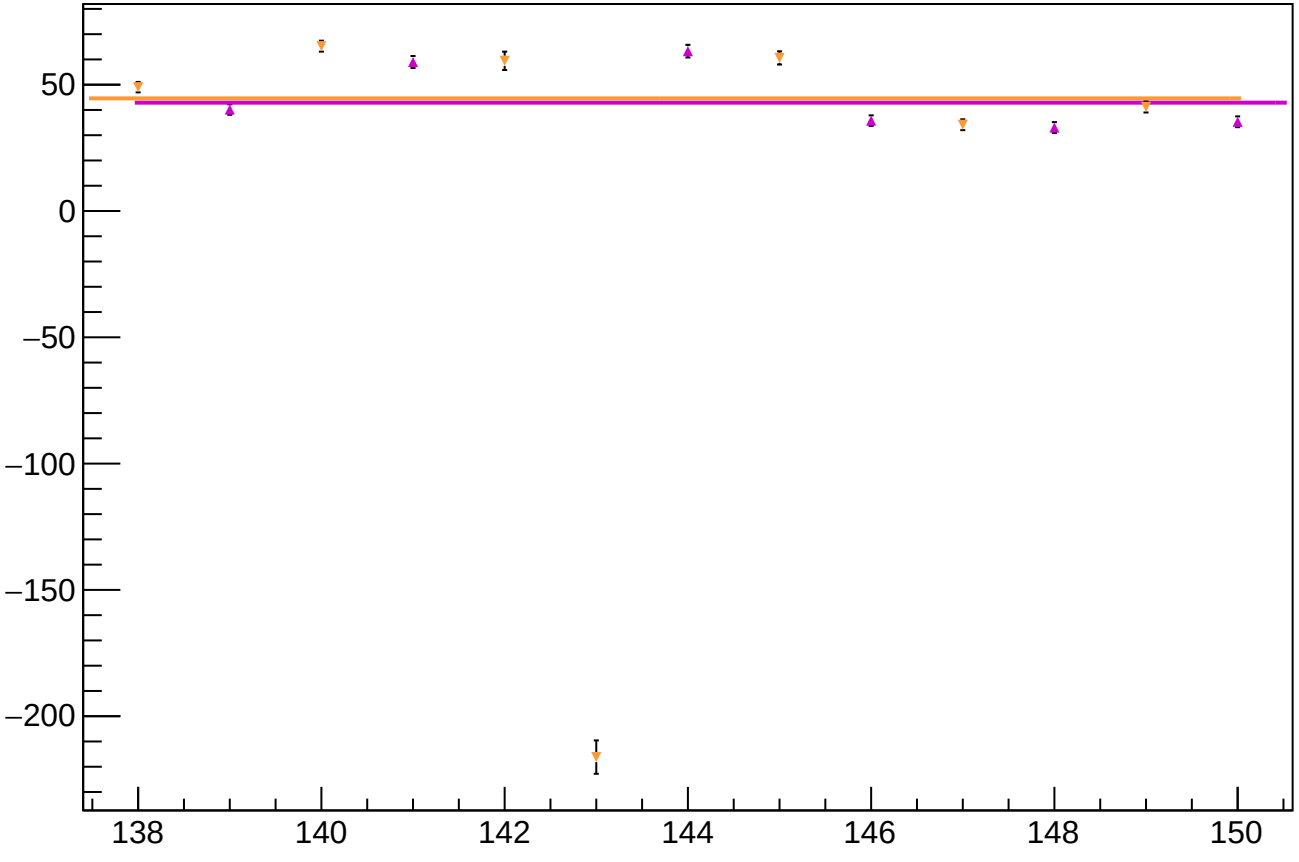
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -262.211+/-0.106 χ^2/NDF:243297.4/22

Out: -246.423+/-0.101 χ^2/NDF:320248.5/25

All: -253.957+/-0.073 χ^2/NDF: 575145.0/48

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: 44.581+/-0.949 χ^2/NDF:1730.4/6

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

Left In: 42.887+/-0.900 χ^2/NDF:158.4/5

Left: 43.689+/-0.653 χ^2/NDF: 1890.5/12

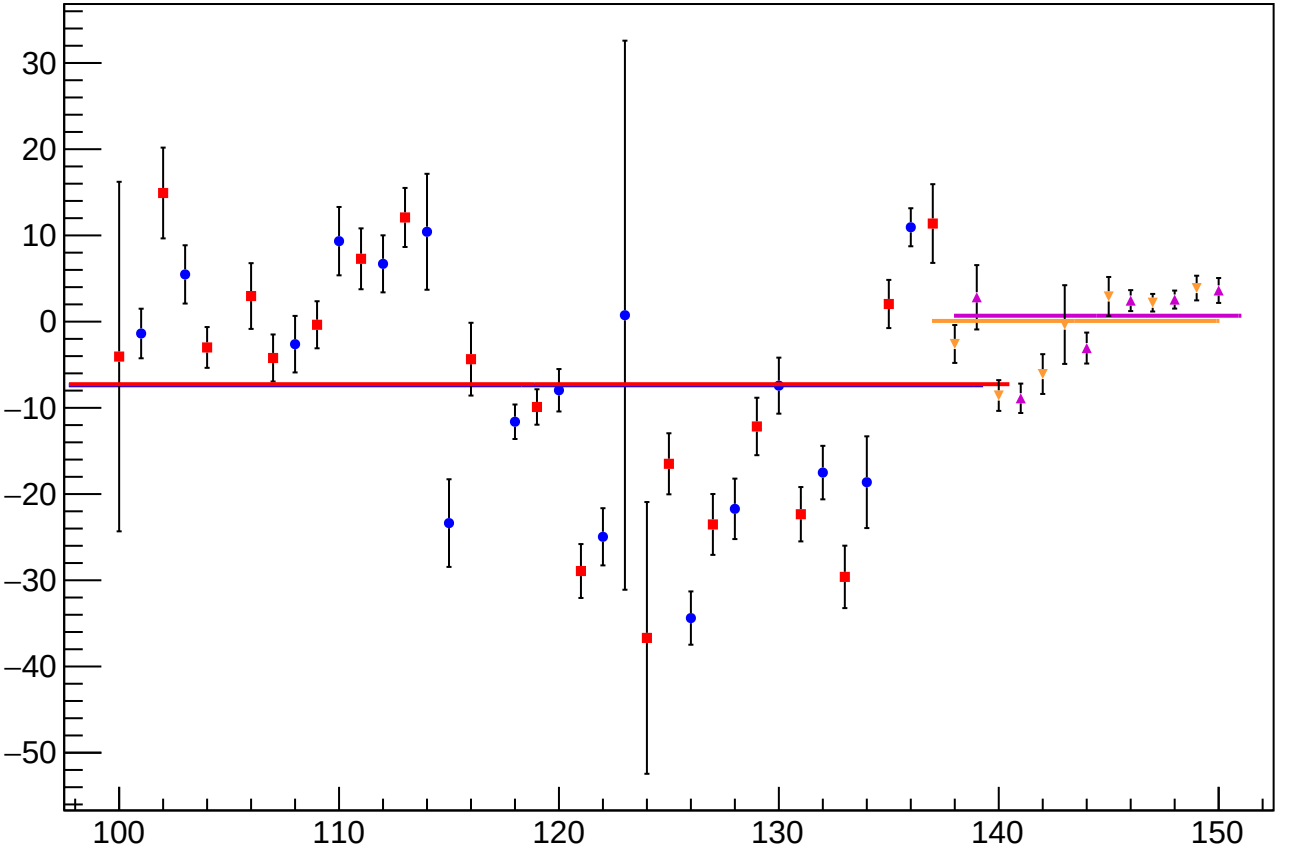
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 42.887+/-0.900 χ^2/NDF:158.4/5

Out: 44.581+/-0.949 χ^2/NDF:1730.4/6

All: 43.689+/-0.653 χ^2/NDF: 1890.5/12

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: 0.081+/-0.645 χ^2/NDF:45.1/6

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: 0.685+/-0.598 χ^2/NDF:45.6/5

Left: 0.406+/-0.438 χ^2/NDF: 91.3/12

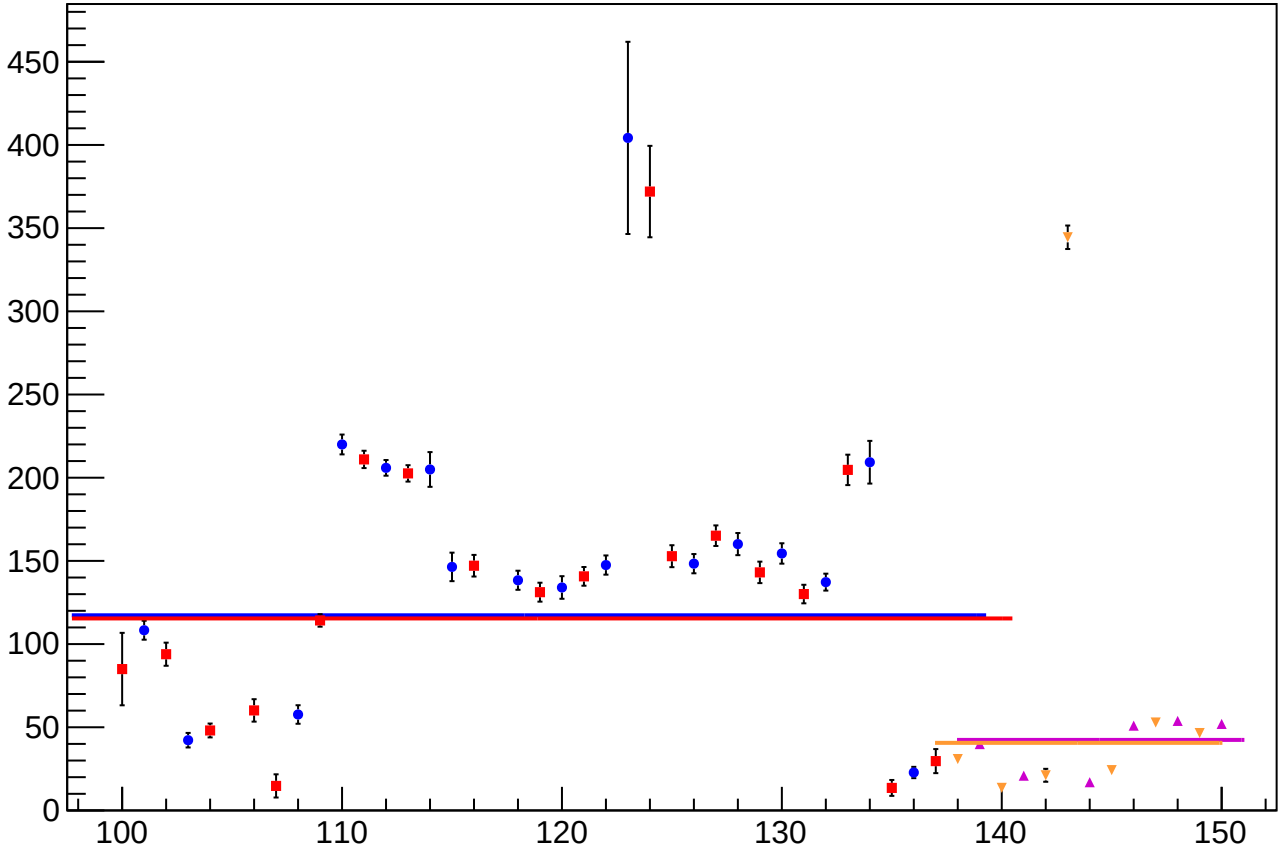
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -2.307+/-0.474 χ^2/NDF:396.7/22

Out: -2.981+/-0.492 χ^2/NDF:356.5/25

All: -2.632+/-0.342 χ^2/NDF: 754.2/48

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 40.634+/-0.959 χ^2/NDF:2116.2/6

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 42.406+/-0.897 χ^2/NDF:236.7/5

Left: 41.579+/-0.655 χ^2/NDF: 2354.7/12

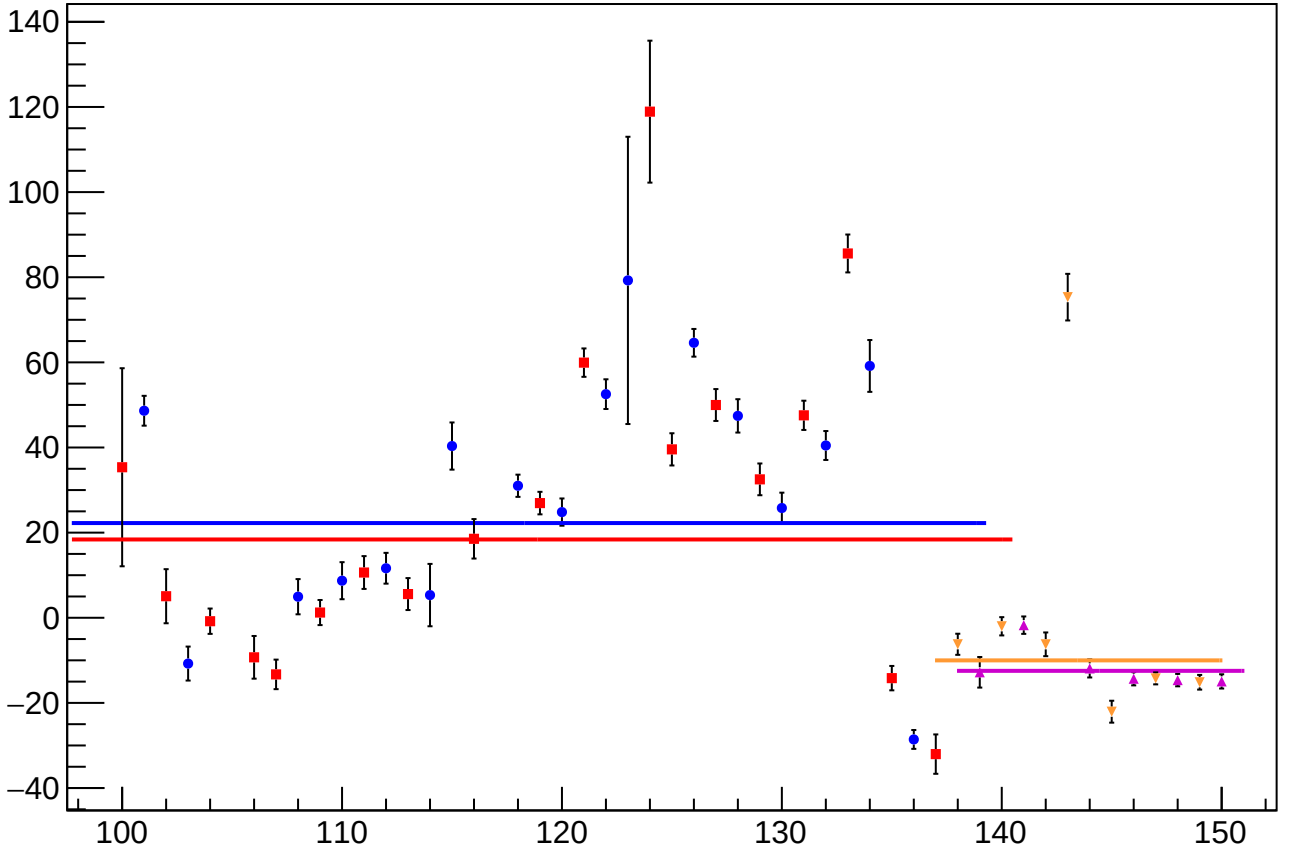
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 64.019+/-0.757 χ^2/NDF:4409.4/22

Out: 65.463+/-0.784 χ^2/NDF:6283.8/25

All: 64.715+/-0.544 χ^2/NDF: 10694.9/48

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -10.012+/-0.807 χ^2/NDF:300.9/6

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -12.470+/-0.751 χ^2/NDF:33.4/5

Left: -11.329+/-0.550 χ^2/NDF: 339.3/12

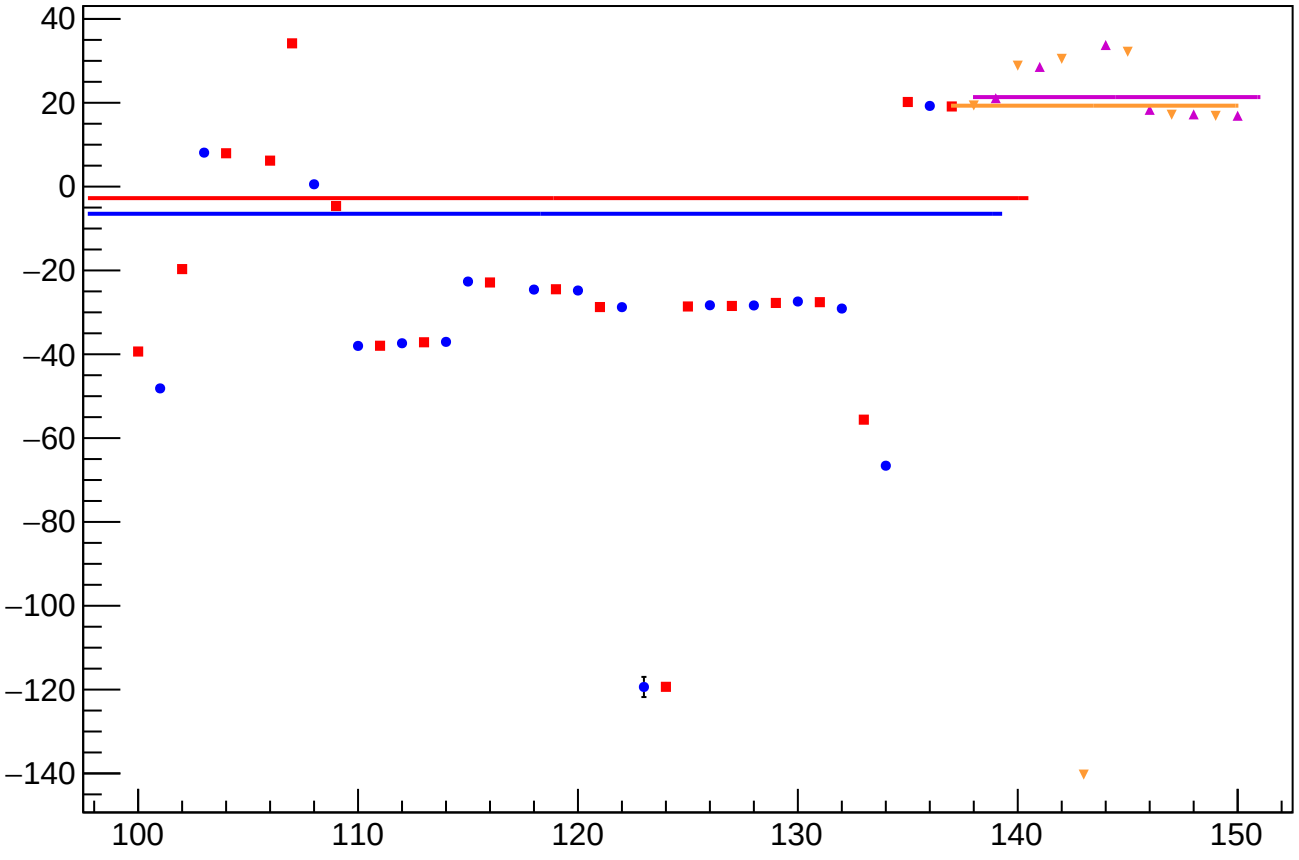
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: 1.980+/-0.574 χ^2/NDF:1995.1/22

Out: 3.093+/-0.592 χ^2/NDF:1949.9/25

All: 2.519+/-0.412 χ^2/NDF: 3946.8/48

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 19.308+/-0.041 χ^2/NDF:347524.4/6

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 21.356+/-0.037 χ^2/NDF:22374.5/5

Left: 20.424+/-0.027 χ^2/NDF: 371283.2/12

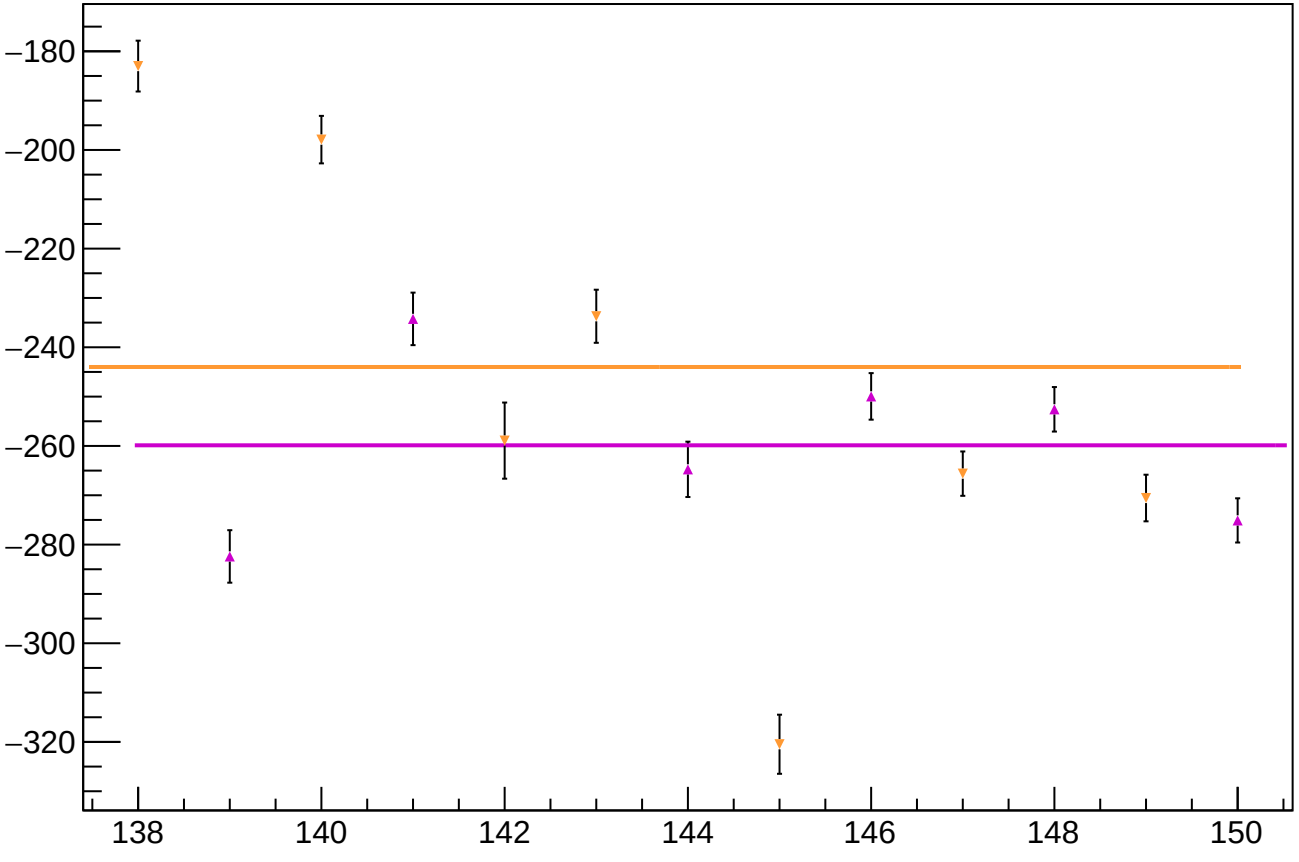
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 10.421+/-0.029 χ^2/NDF:508995.5/22

Out: 9.565+/-0.030 χ^2/NDF:744025.0/25

All: 10.014+/-0.021 χ^2/NDF: 1253437.4/48

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: -243.997+/-1.983 χ^2/NDF:456.8/6

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

Left In: -259.872+/-2.015 χ^2/NDF:60.4/5

Left: -251.807+/-1.414 χ^2/NDF: 548.8/12

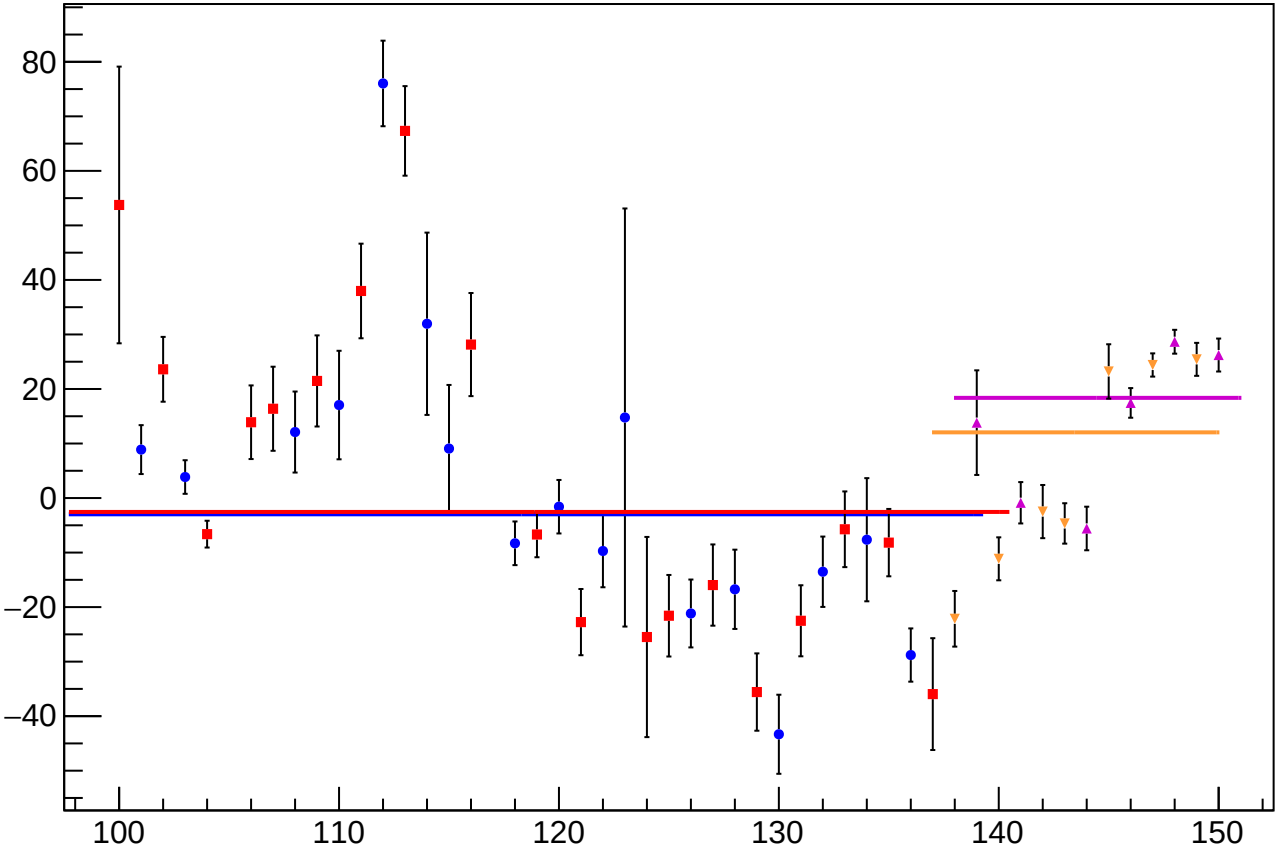
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -259.872+/-2.015 χ^2/NDF:60.4/5

Out: -243.997+/-1.983 χ^2/NDF:456.8/6

All: -251.807+/-1.414 χ^2/NDF: 548.8/12

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: 12.047+/-1.305 χ^2/NDF:167.0/6

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 18.373+/-1.294 χ^2/NDF:90.9/5

Left: 15.235+/-0.919 χ^2/NDF: 269.8/12

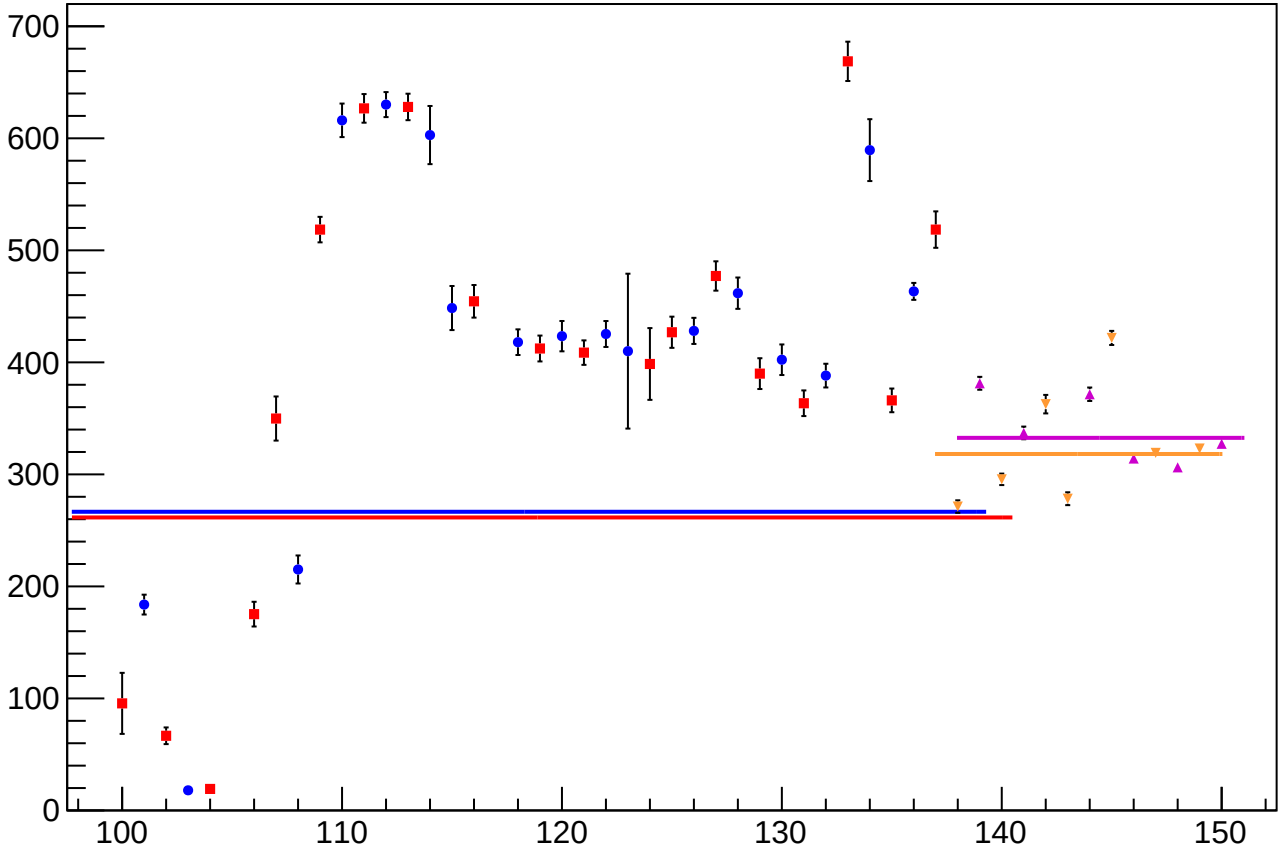
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 8.907+/-0.966 χ^2/NDF:415.5/22

Out: 5.257+/-0.954 χ^2/NDF:443.3/25

All: 7.059+/-0.679 χ^2/NDF: 866.1/48

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 318.205+/-2.007 χ^2/NDF:439.7/6

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 332.614+/-1.995 χ^2/NDF:171.3/5

Left: 325.451+/-1.415 χ^2/NDF: 636.8/12

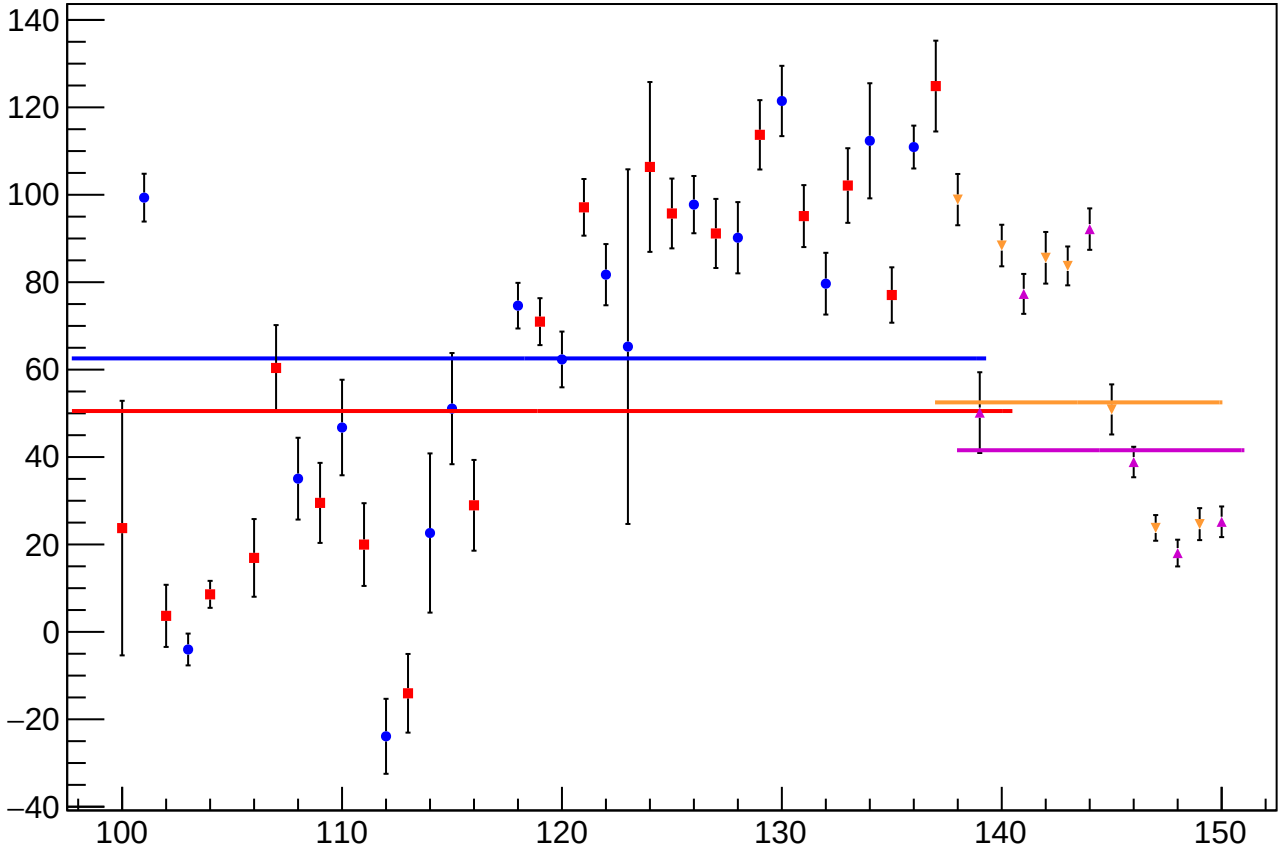
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 306.650+/-1.554 χ^2/NDF:8264.4/22

Out: 295.542+/-1.554 χ^2/NDF:8966.7/25

All: 301.098+/-1.099 χ^2/NDF: 17256.6/48

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 52.507+/-1.636 χ^2/NDF:353.7/6

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 41.559+/-1.634 χ^2/NDF:257.6/5

Left: 47.026+/-1.156 χ^2/NDF: 633.7/12

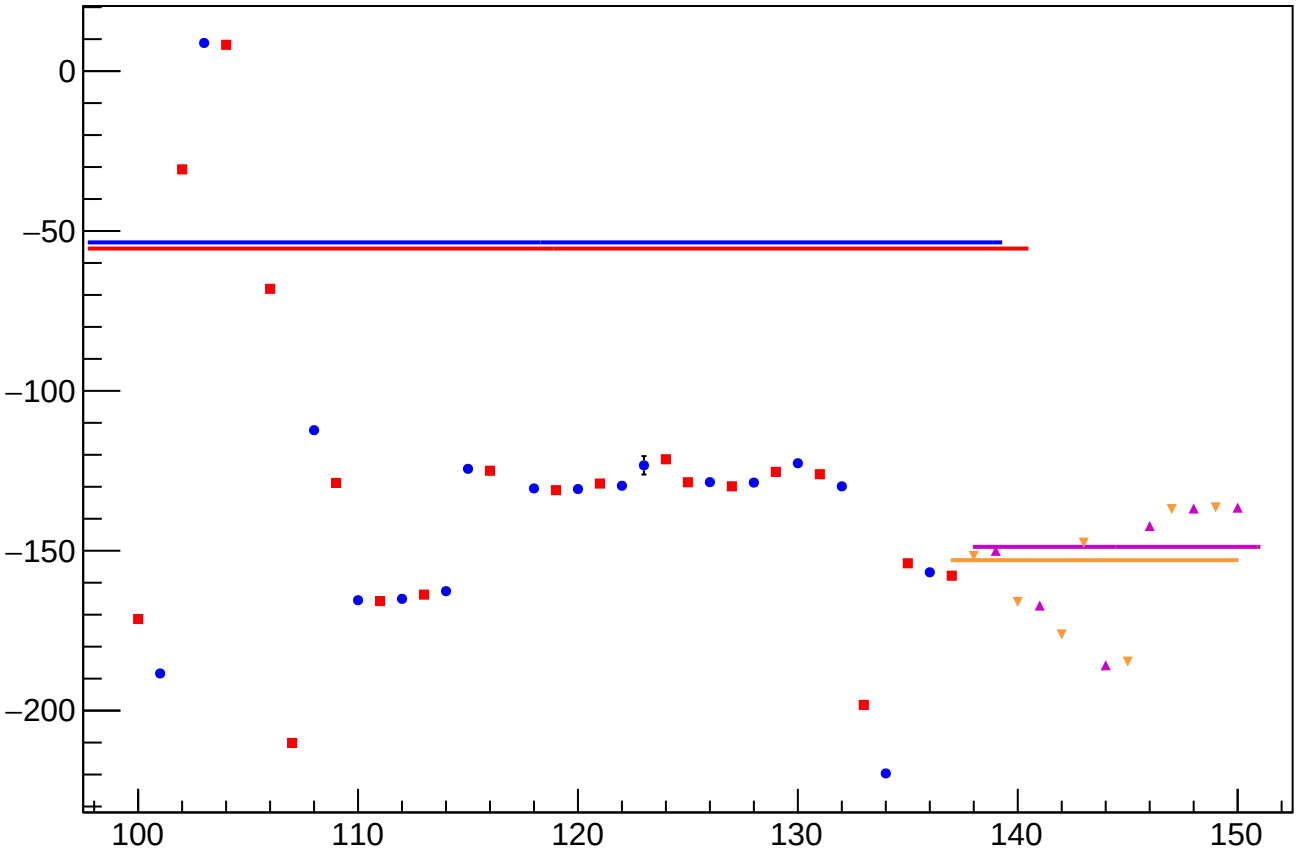
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 51.783+/-1.171 χ^2/NDF:1060.4/22

Out: 51.521+/-1.159 χ^2/NDF:1011.4/25

All: 51.651+/-0.824 χ^2/NDF: 2071.9/48

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -152.947+/-0.085 χ^2/NDF:39121.2/6

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -148.795+/-0.083 χ^2/NDF:36559.3/5

Left: -150.820+/-0.060 χ^2/NDF: 76890.2/12

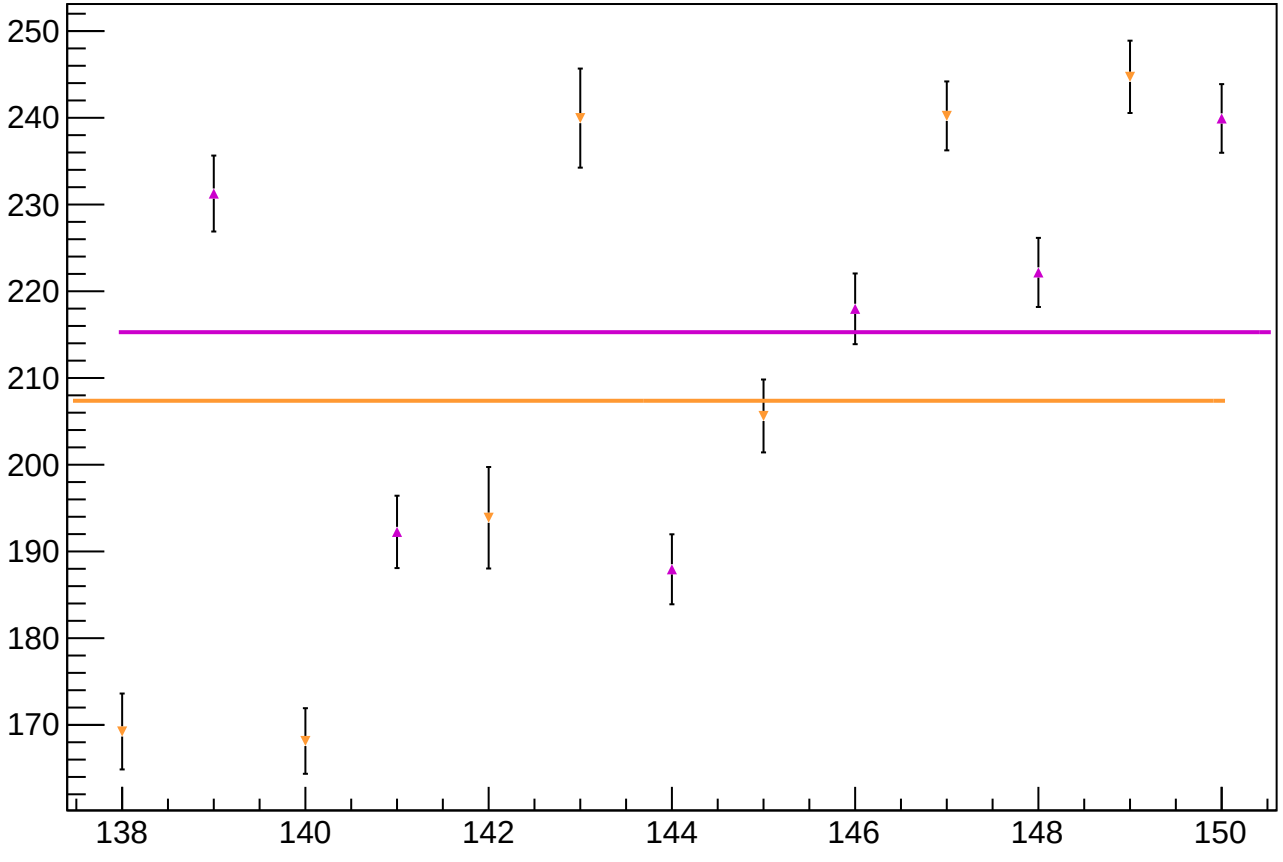
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -93.122+/-0.054 χ^2/NDF:2029548.2/22

Out: -95.905+/-0.055 χ^2/NDF:1770188.7/25

All: -94.481+/-0.038 χ^2/NDF: 3801046.0/48

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: 207.374+/-1.668 χ^2/NDF:370.1/6

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

Left In: 215.282+/-1.671 χ^2/NDF:131.9/5

Left: 211.320+/-1.181 χ^2/NDF: 513.2/12

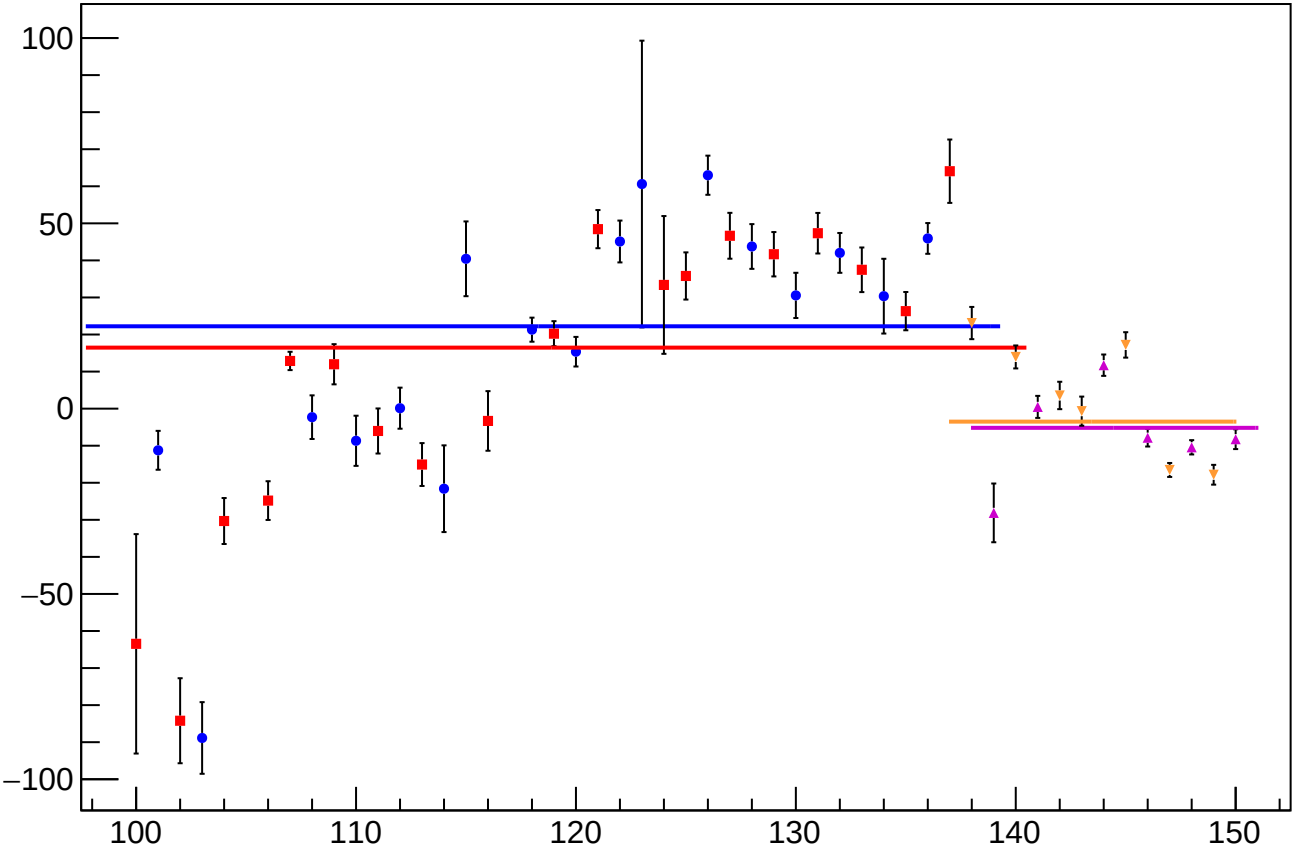
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 215.282+/-1.671 χ^2/NDF:131.9/5

Out: 207.374+/-1.668 χ^2/NDF:370.1/6

All: 211.320+/-1.181 χ^2/NDF: 513.2/12

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: -3.503+/-1.117 χ^2/NDF:186.5/6

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: -5.179+/-1.095 χ^2/NDF:56.4/5

Left: -4.358+/-0.782 χ^2/NDF: 244.0/12

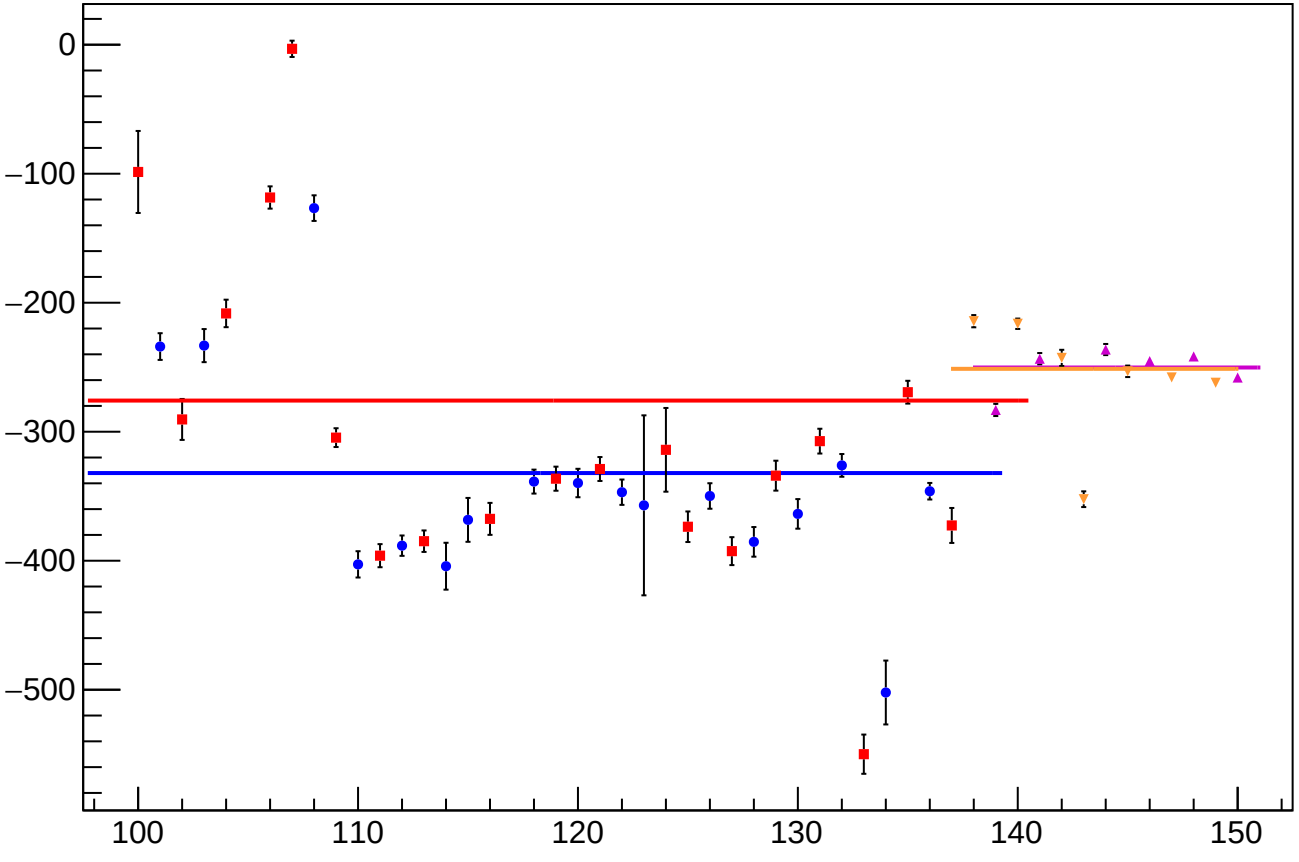
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 5.463+/-0.856 χ^2/NDF:685.3/22

Out: 5.523+/-0.827 χ^2/NDF:756.9/25

All: 5.494+/-0.595 χ^2/NDF: 1442.2/48

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: -251.245+/-1.697 χ^2/NDF:423.5/6

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -250.222+/-1.668 χ^2/NDF:72.2/5

Left: -250.724+/-1.189 χ^2/NDF: 495.9/12

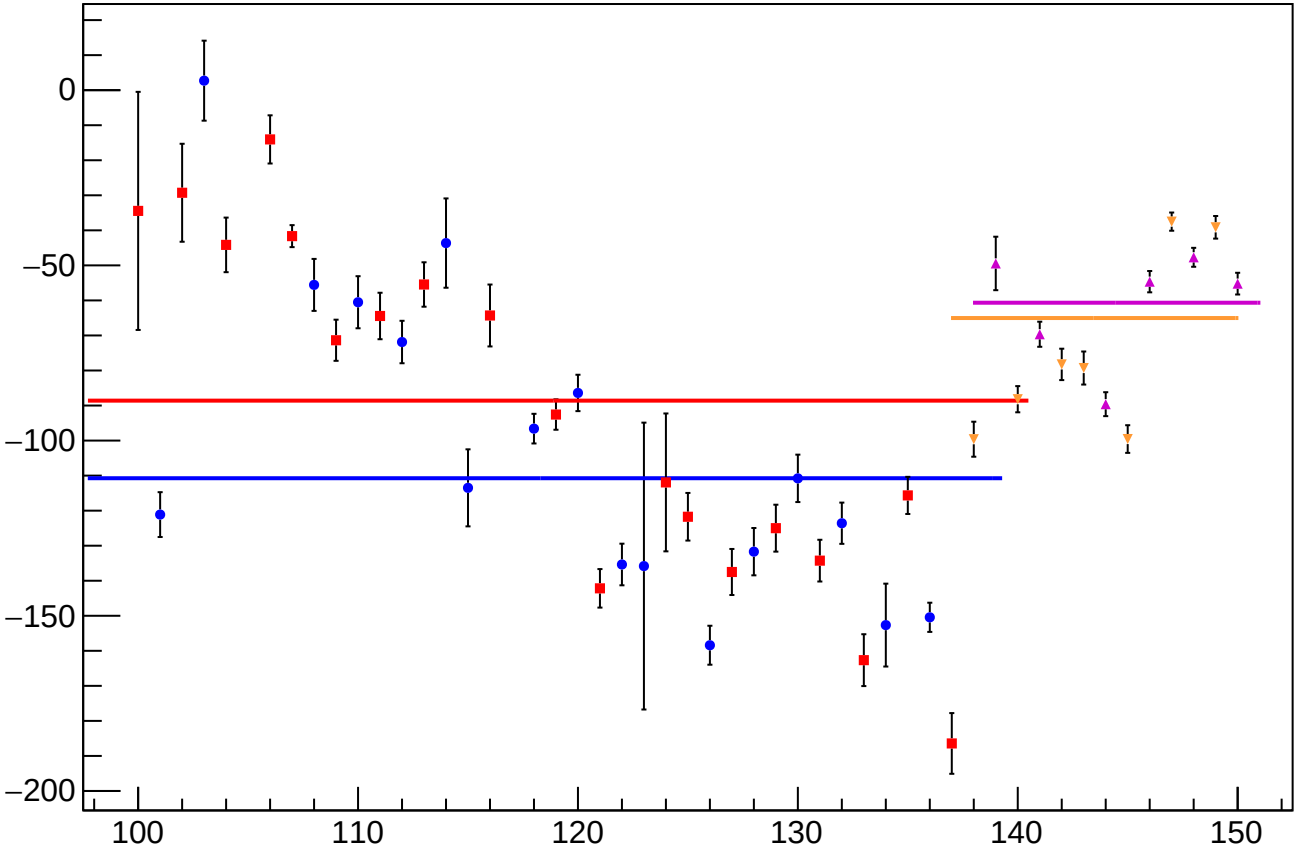
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -274.571+/-1.398 χ^2/NDF:1573.5/22

Out: -259.800+/-1.371 χ^2/NDF:3859.5/25

All: -267.041+/-0.979 χ^2/NDF: 5489.9/48

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: -65.028+/-1.394 χ^2/NDF:357.3/6

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -60.657+/-1.373 χ^2/NDF:110.4/5

Left: -62.810+/-0.978 χ^2/NDF: 472.6/12

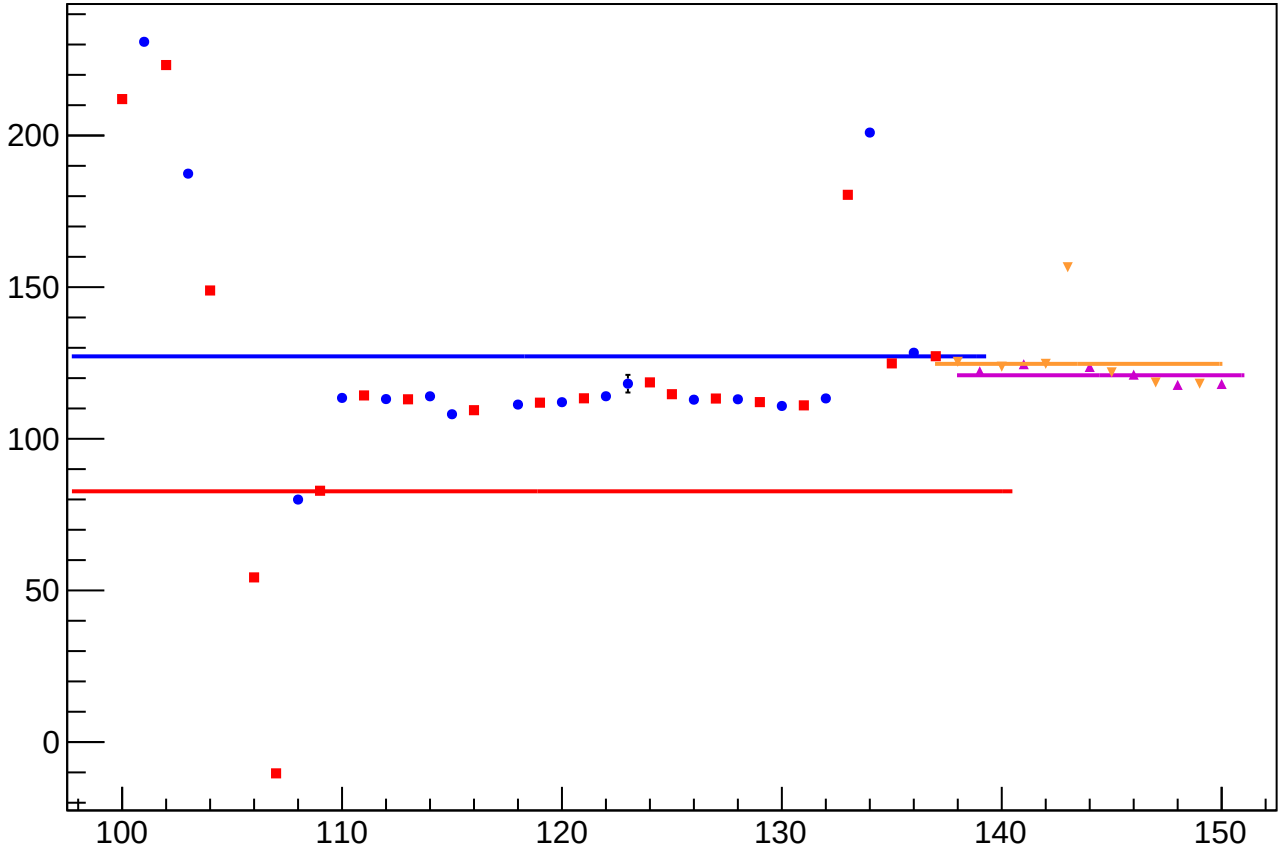
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.253+/-1.036 χ^2/NDF:1197.2/22

Out: -76.474+/-1.000 χ^2/NDF:1465.9/25

All: -79.260+/-0.719 χ^2/NDF: 2679.2/48

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 124.708+/-0.072 χ^2/NDF:19949.1/6

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.947+/-0.070 χ^2/NDF:1422.8/5

Left: 122.766+/-0.050 χ^2/NDF: 22783.0/12

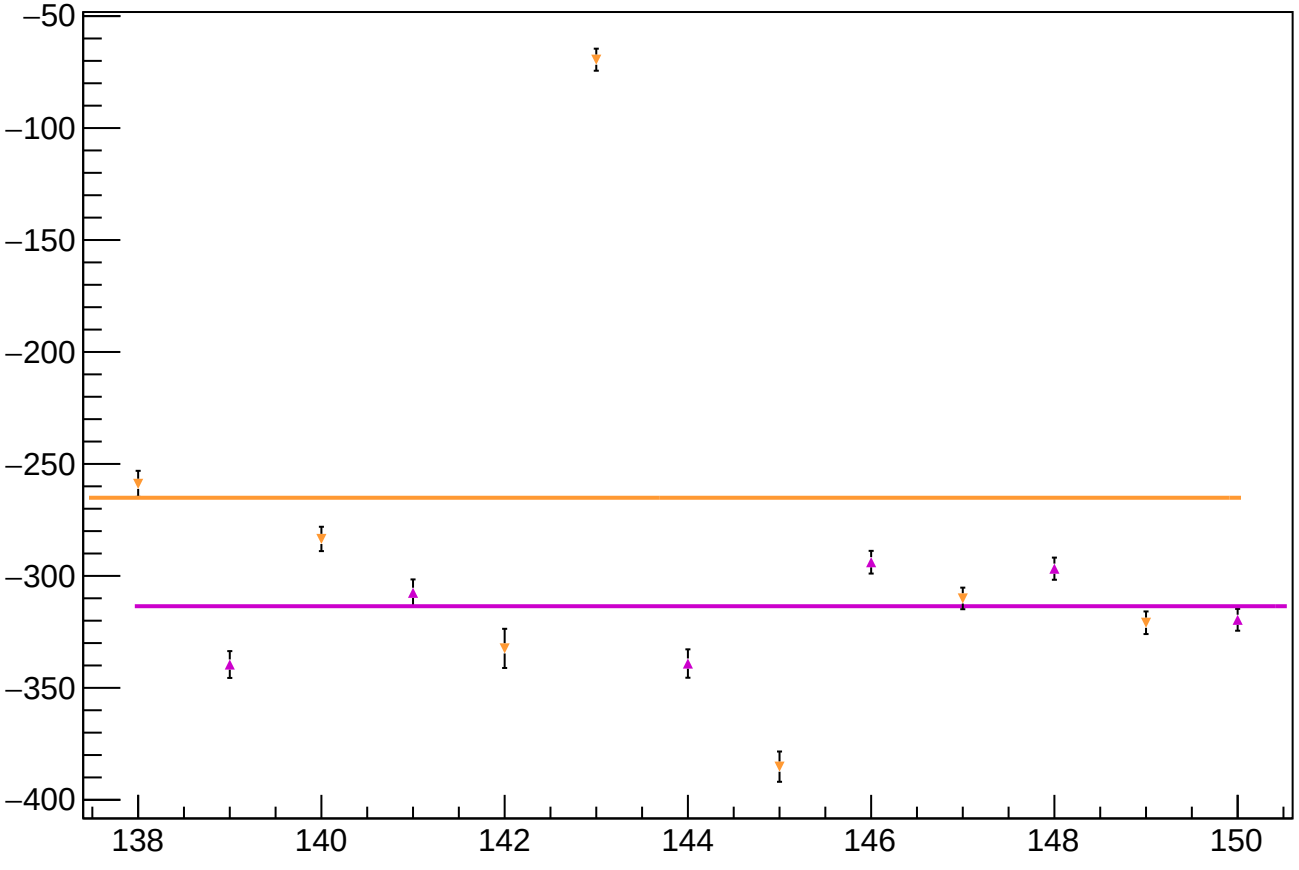
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 123.312+/-0.055 χ^2/NDF:192514.7/22

Out: 104.654+/-0.052 χ^2/NDF:948494.3/25

All: 113.491+/-0.038 χ^2/NDF: 1201944.3/48

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: -265.101+/-2.123 χ^2/NDF:2174.9/6

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

Left In: -313.536+/-2.222 χ^2/NDF:64.2/5

Left: -288.215+/-1.535 χ^2/NDF: 2487.5/12

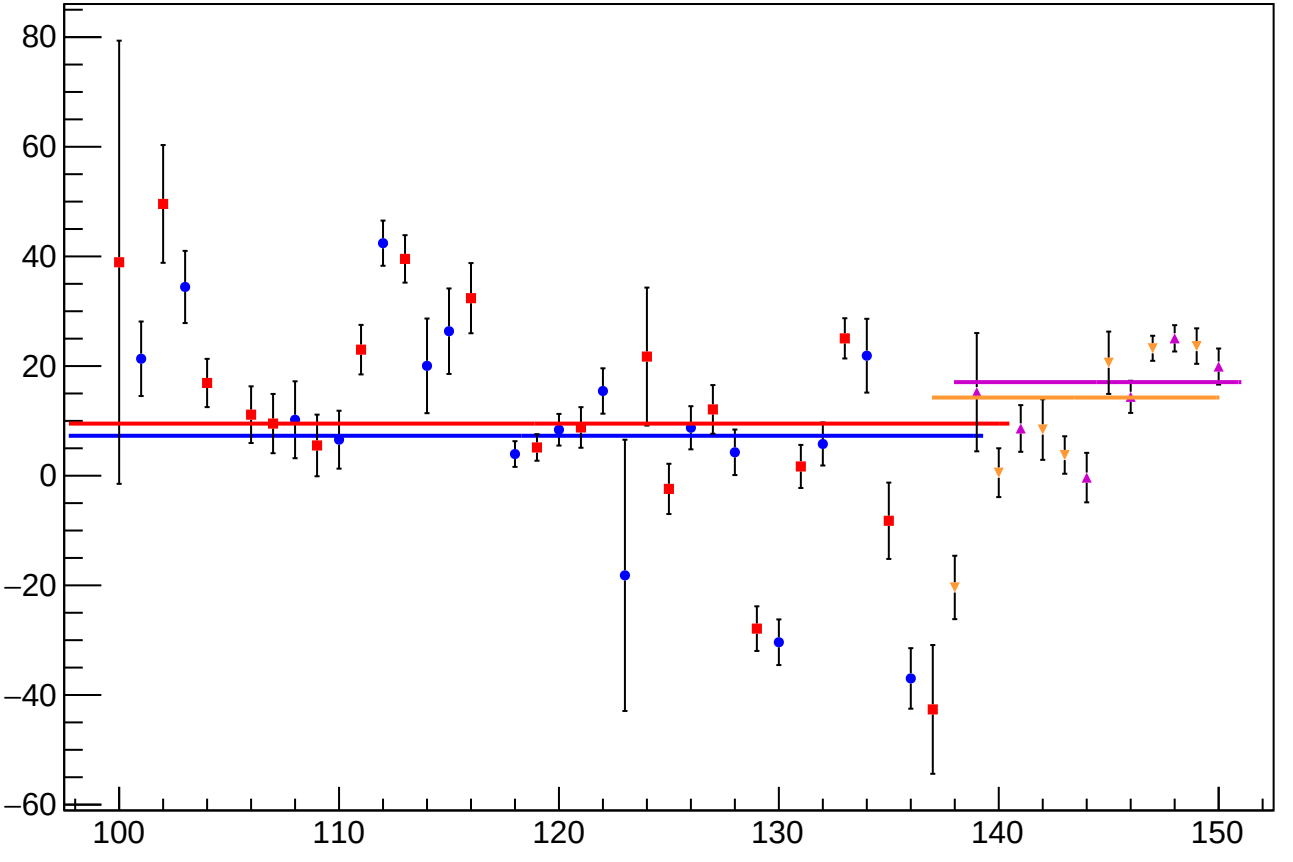
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -313.536+/-2.222 χ^2/NDF:64.2/5

Out: -265.101+/-2.123 χ^2/NDF:2174.9/6

All: -288.215+/-1.535 χ^2/NDF: 2487.5/12

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 14.260+/-1.391 χ^2/NDF:81.0/6

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 17.070+/-1.422 χ^2/NDF:31.5/5

Left: 15.635+/-0.994 χ^2/NDF: 114.5/12

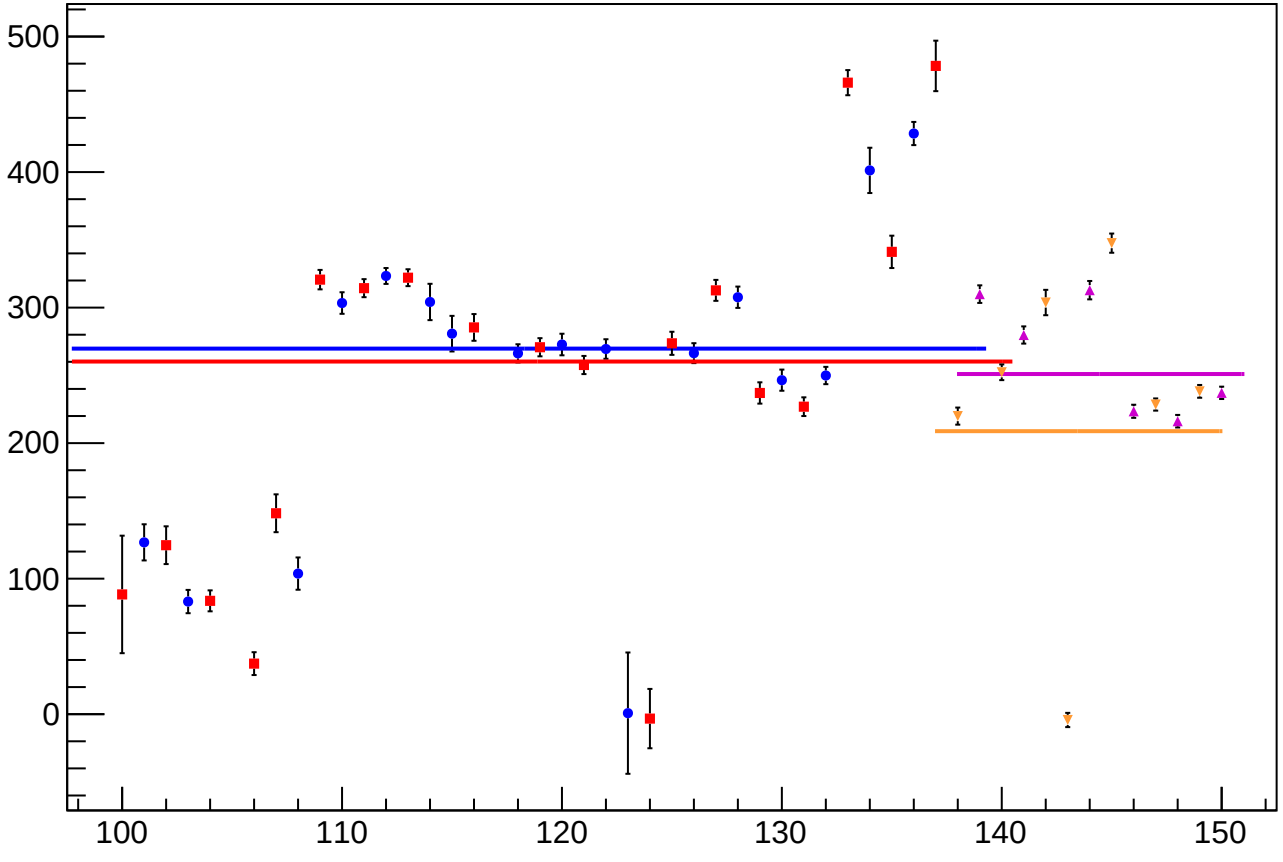
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 10.881+/-0.862 χ^2/NDF:322.5/22

Out: 11.282+/-0.850 χ^2/NDF:319.9/25

All: 11.084+/-0.605 χ^2/NDF: 642.5/48

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 208.826+/-2.148 χ^2/NDF:2247.8/6

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 250.990+/-2.196 χ^2/NDF:284.1/5

Left: 229.445+/-1.535 χ^2/NDF: 2720.4/12

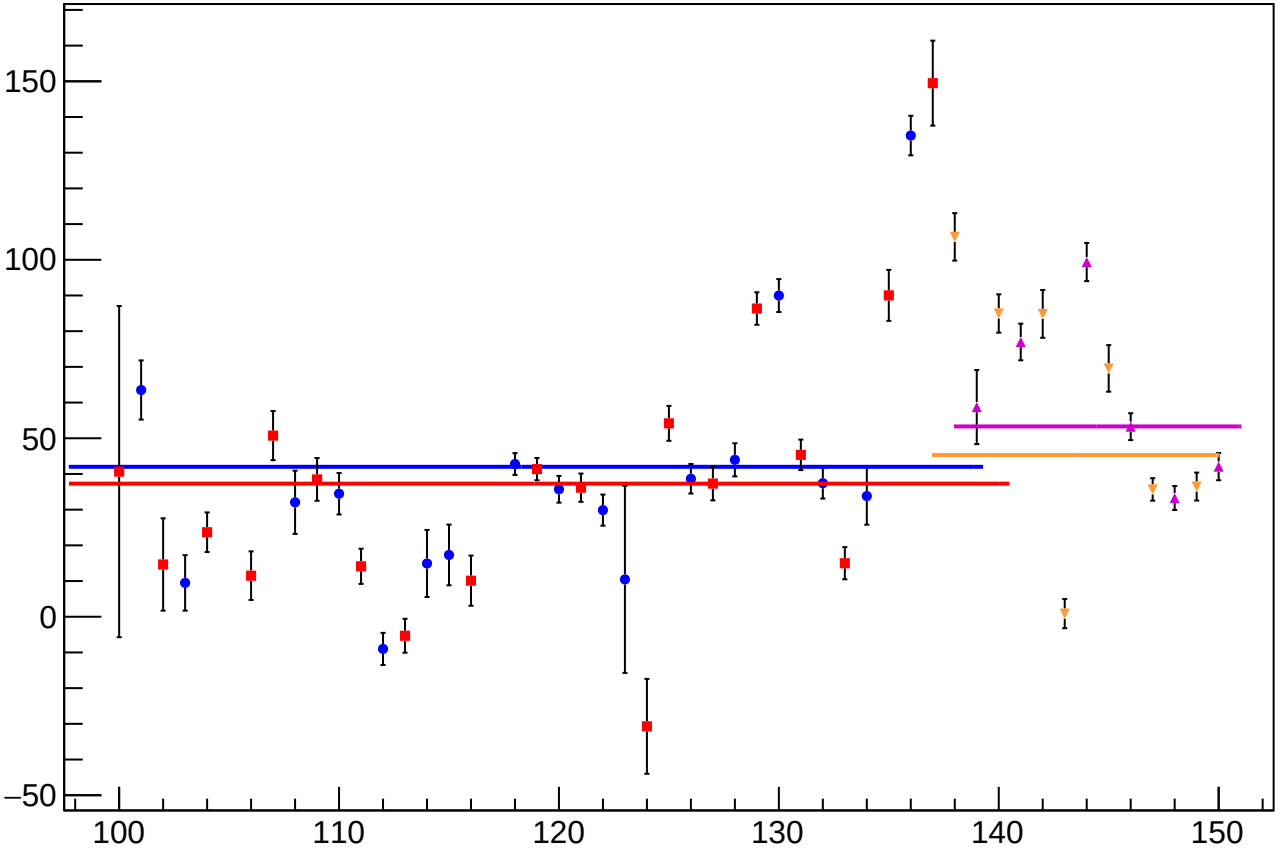
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 260.914+/-1.507 χ^2/NDF:1696.8/22

Out: 236.630+/-1.455 χ^2/NDF:5099.1/25

All: 248.348+/-1.047 χ^2/NDF: 6930.3/48

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 45.317+/-1.743 χ^2/NDF:320.2/6

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 53.315+/-1.795 χ^2/NDF:139.9/5

Left: 49.198+/-1.251 χ^2/NDF: 470.3/12

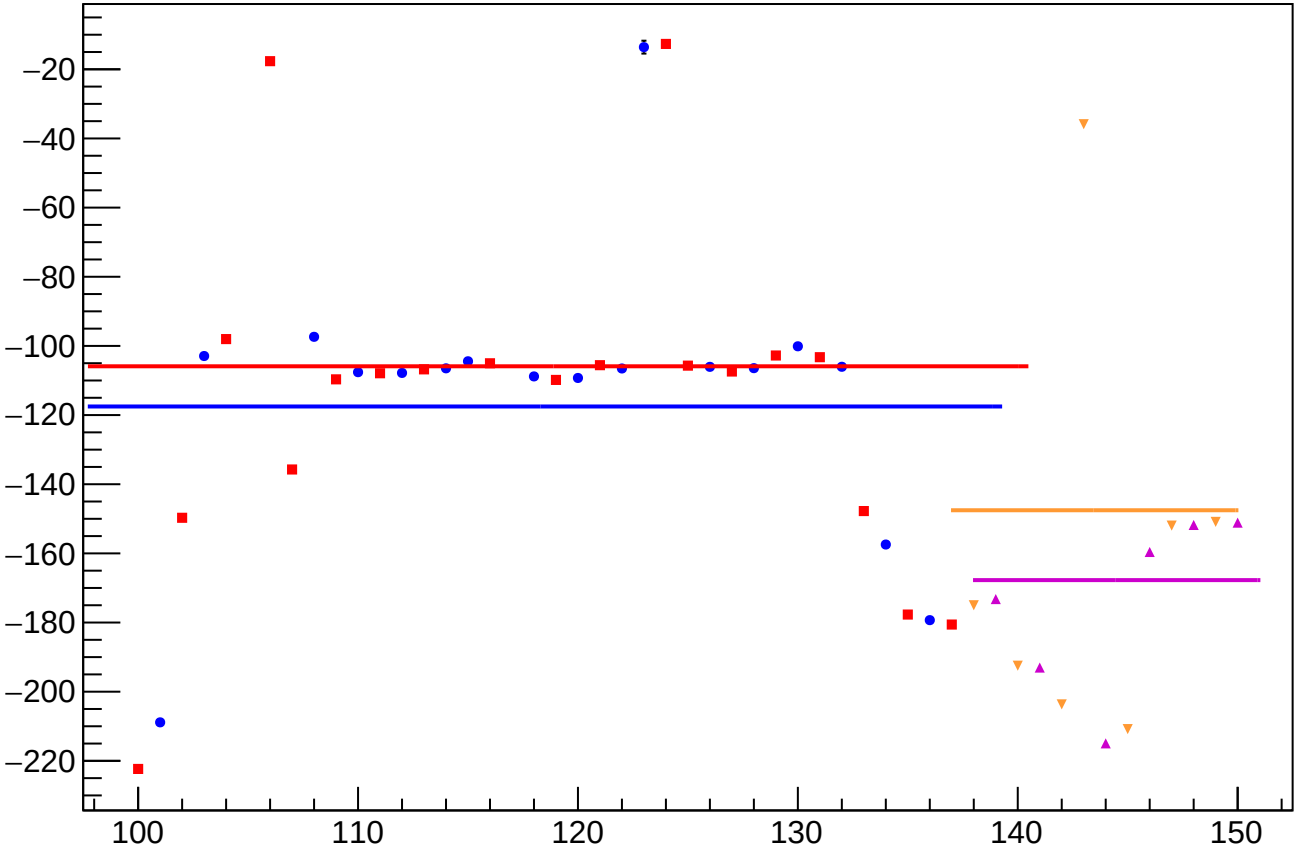
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 45.720+/-1.029 χ^2/NDF:742.1/22

Out: 39.975+/-1.009 χ^2/NDF:806.9/25

All: 42.791+/-0.720 χ^2/NDF: 1564.9/48

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: -147.528+/-0.091 χ^2/NDF:399295.1/6

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -167.732+/-0.092 χ^2/NDF:50826.7/5

Left: -157.560+/-0.065 χ^2/NDF: 474444.0/12

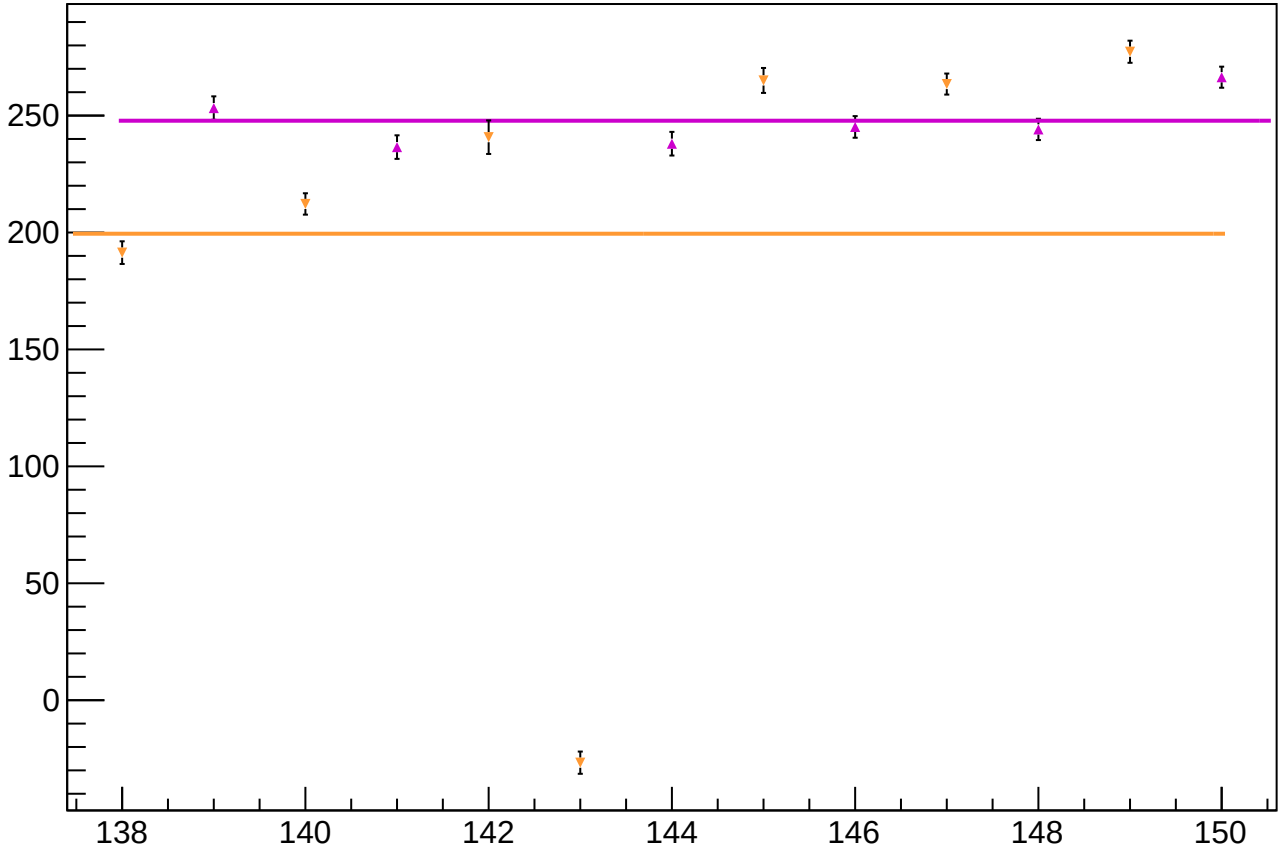
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -138.538+/-0.059 χ^2/NDF:366349.5/22

Out: -122.079+/-0.057 χ^2/NDF:850763.4/25

All: -129.947+/-0.041 χ^2/NDF: 1257092.3/48

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: 199.481+/-1.879 χ^2/NDF:2930.7/6

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

Left In: 247.804+/-1.952 χ^2/NDF:28.0/5

Left: 222.717+/-1.354 χ^2/NDF: 3276.8/12

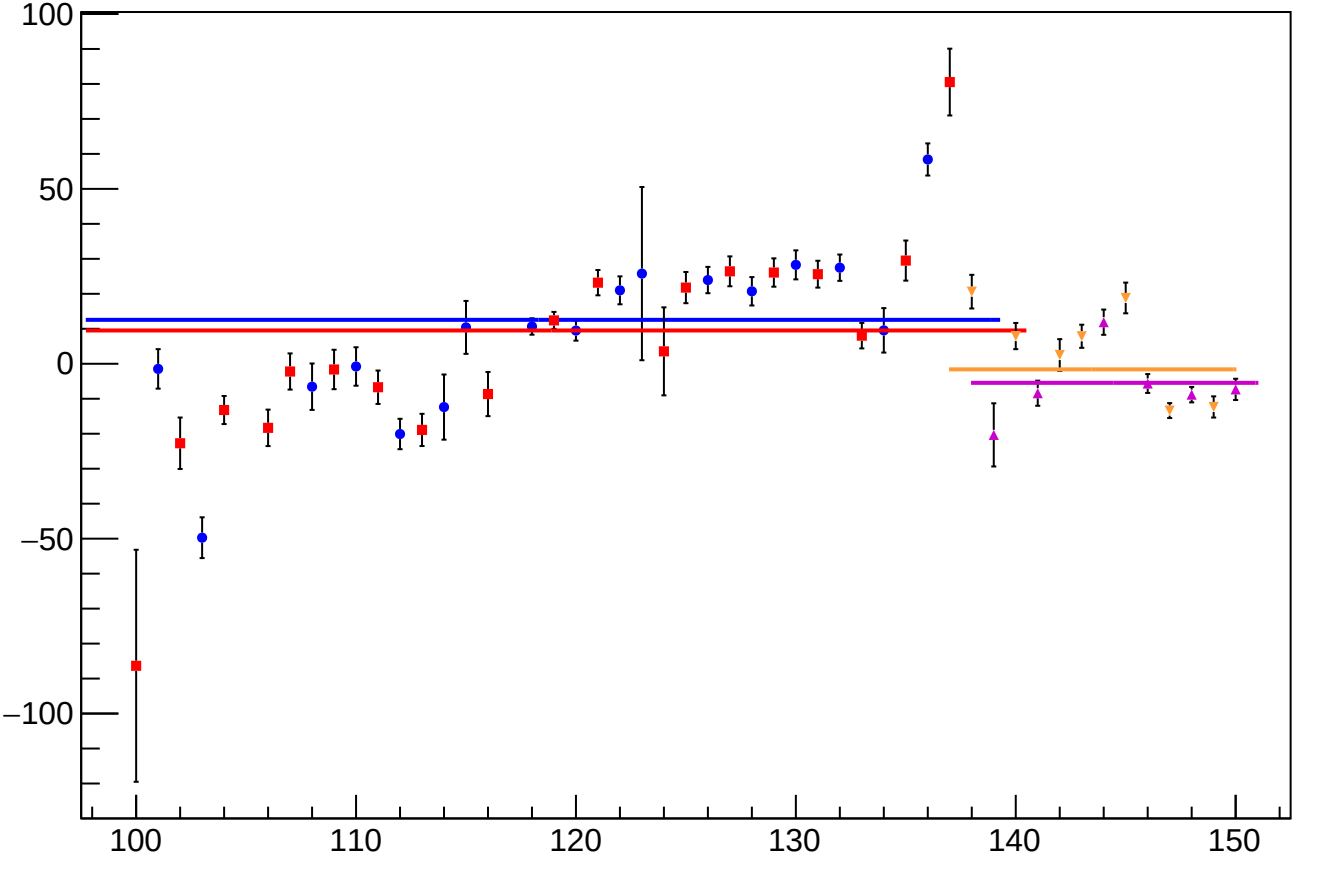
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.804+/-1.952 χ^2/NDF:28.0/5

Out: 199.481+/-1.879 χ^2/NDF:2930.7/6

All: 222.717+/-1.354 χ^2/NDF: 3276.8/12

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: -1.597+/-1.255 χ^2/NDF:101.5/6

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: -5.452+/-1.273 χ^2/NDF:29.2/5

Left: -3.496+/-0.894 χ^2/NDF: 135.4/12

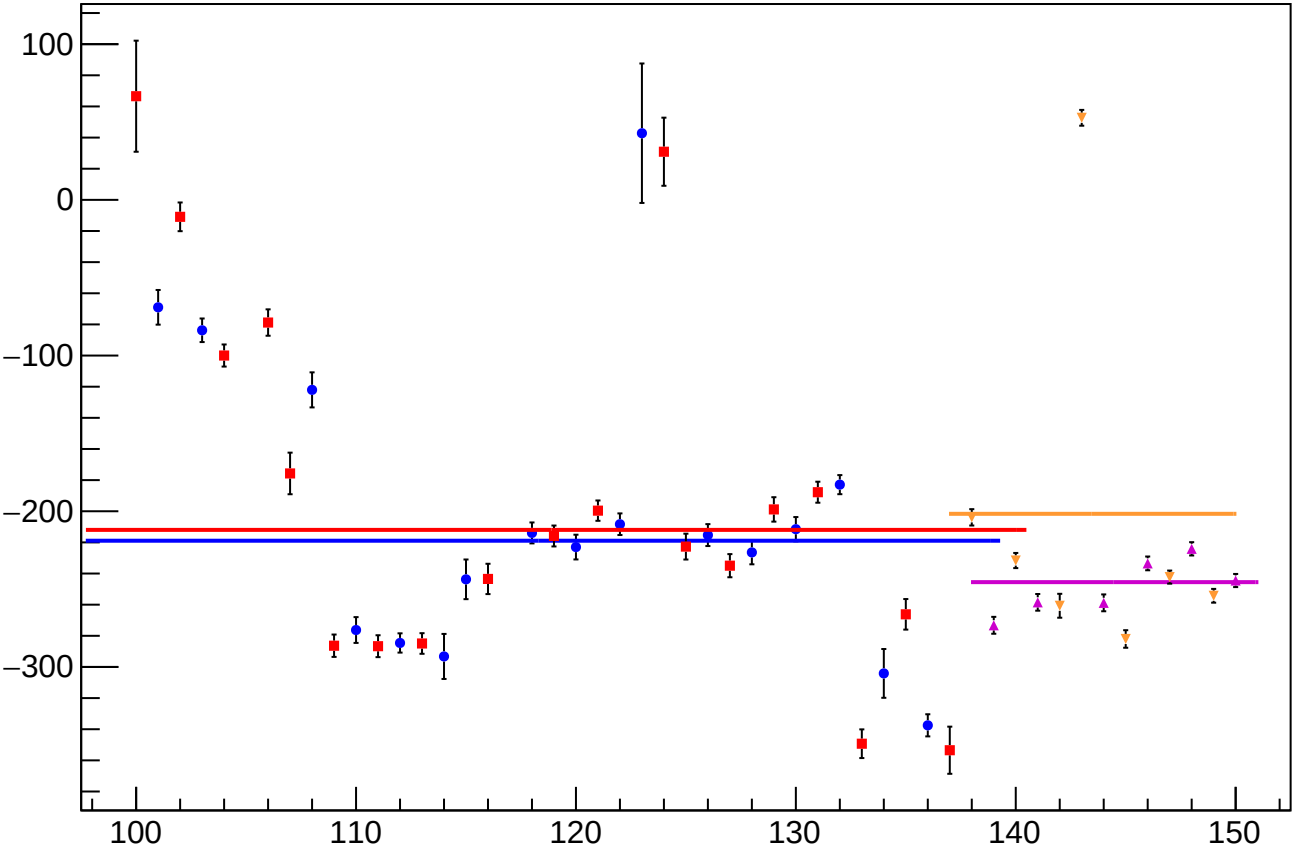
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 5.223+/-0.813 χ^2/NDF:495.6/22

Out: 4.937+/-0.805 χ^2/NDF:443.9/25

All: 5.079+/-0.572 χ^2/NDF: 939.6/48

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -201.645+/-1.912 χ^2/NDF:3047.5/6

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -245.528+/-1.942 χ^2/NDF:70.6/5

Left: -223.250+/-1.362 χ^2/NDF: 3377.4/12

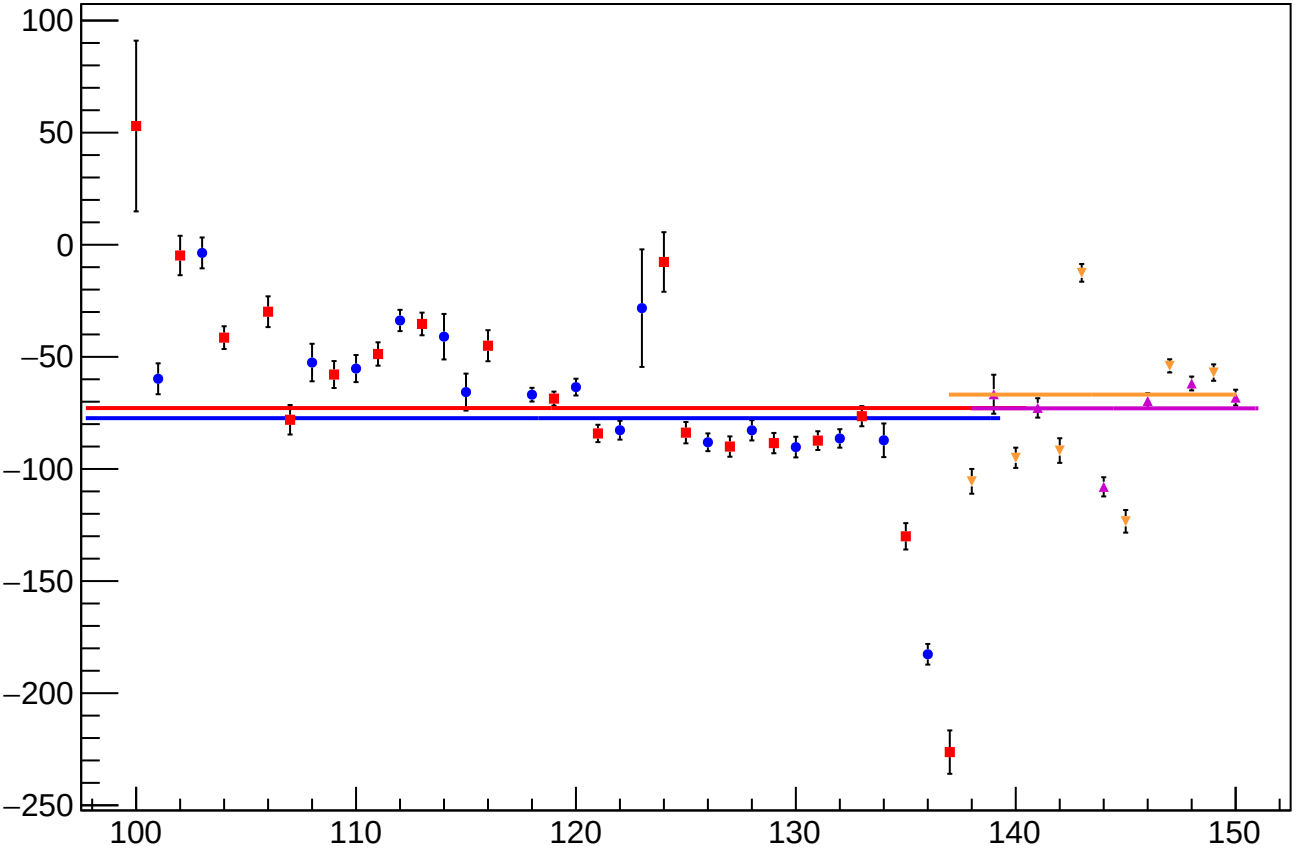
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -232.659+/-1.395 χ^2/NDF:1308.0/22

Out: -206.774+/-1.356 χ^2/NDF:4948.2/25

All: -219.352+/-0.973 χ^2/NDF: 6433.1/48

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -66.829+/-1.565 χ^2/NDF:448.8/6

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -72.960+/-1.601 χ^2/NDF:83.1/5

Left: -69.825+/-1.119 χ^2/NDF: 539.4/12

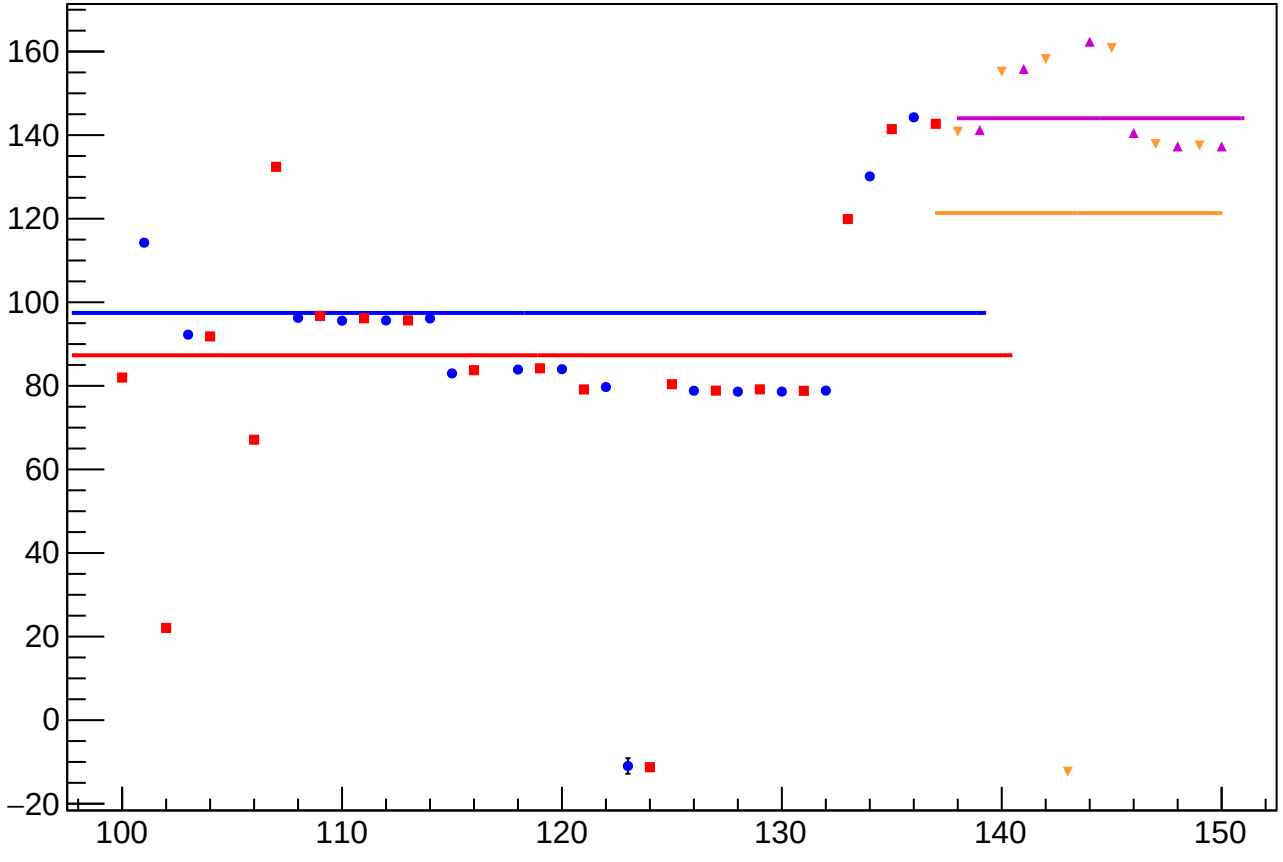
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -75.733+/-0.970 χ^2/NDF:905.1/22

Out: -70.592+/-0.957 χ^2/NDF:1130.9/25

All: -73.126+/-0.681 χ^2/NDF: 2050.3/48

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 121.356+/-0.081 χ^2/NDF:527224.9/6

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 144.034+/-0.081 χ^2/NDF:12306.8/5

Left: 132.683+/-0.057 χ^2/NDF: 578773.7/12

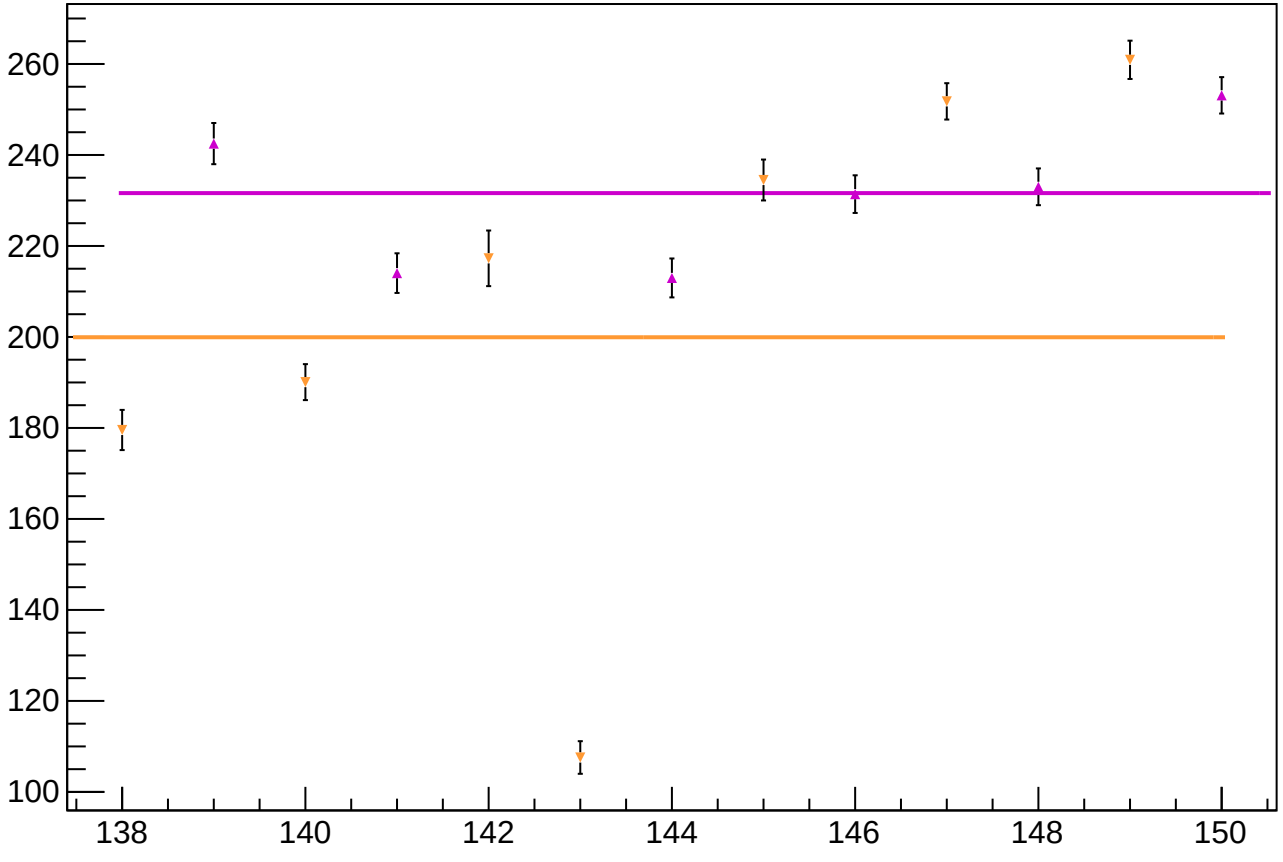
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 118.416+/-0.054 χ^2/NDF:288712.3/22

Out: 101.466+/-0.052 χ^2/NDF:852504.3/25

All: 109.595+/-0.038 χ^2/NDF: 1191860.4/48

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: 199.934+/-1.605 χ^2/NDF:1136.7/6

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

Left In: 231.621+/-1.719 χ^2/NDF:70.1/5

Left: 214.686+/-1.173 χ^2/NDF: 1388.3/12

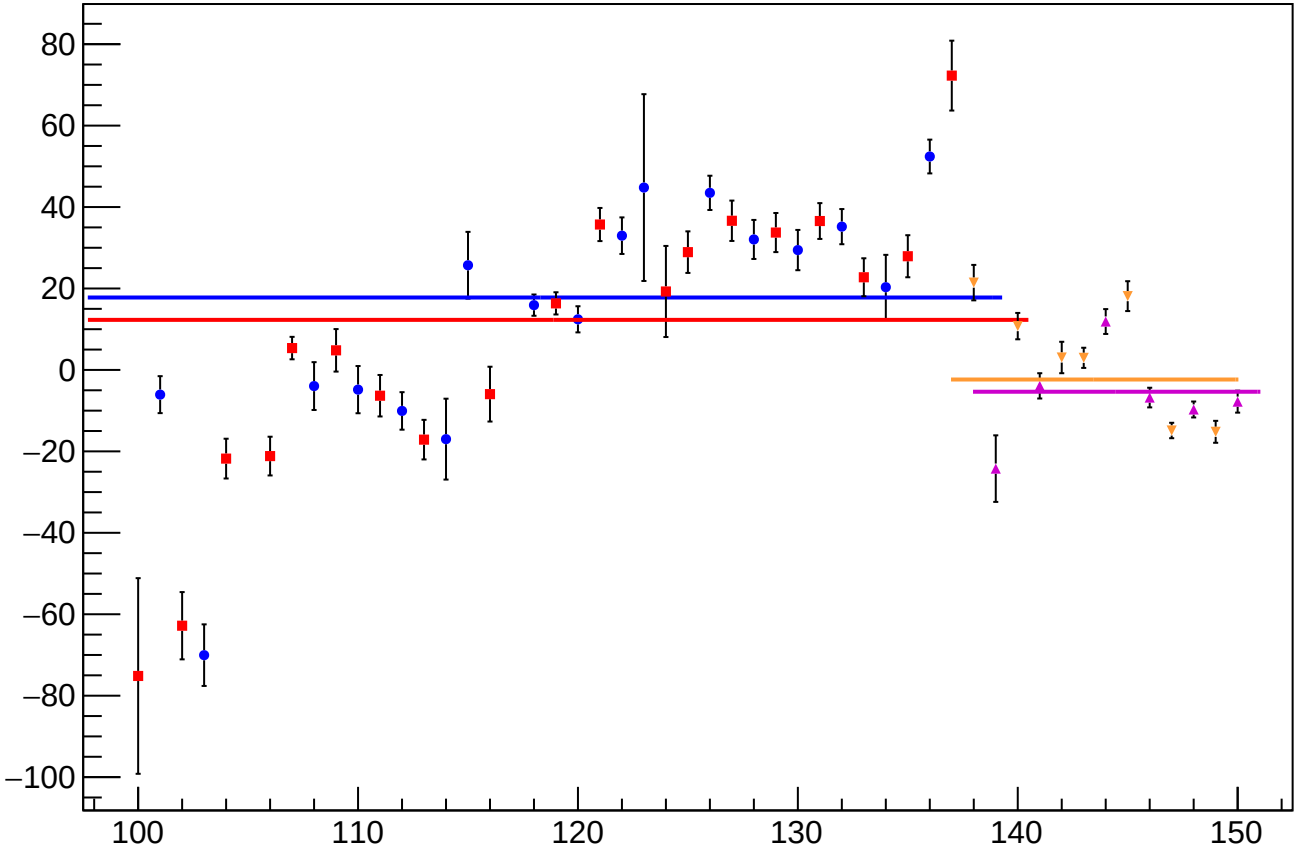
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 231.621+/-1.719 χ^2/NDF:70.1/5

Out: 199.934+/-1.605 χ^2/NDF:1136.7/6

All: 214.686+/-1.173 χ^2/NDF: 1388.3/12

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: -2.353+/-1.073 χ^2/NDF:150.5/6

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: -5.356+/-1.121 χ^2/NDF:43.6/5

Left: -3.789+/-0.775 χ^2/NDF: 197.8/12

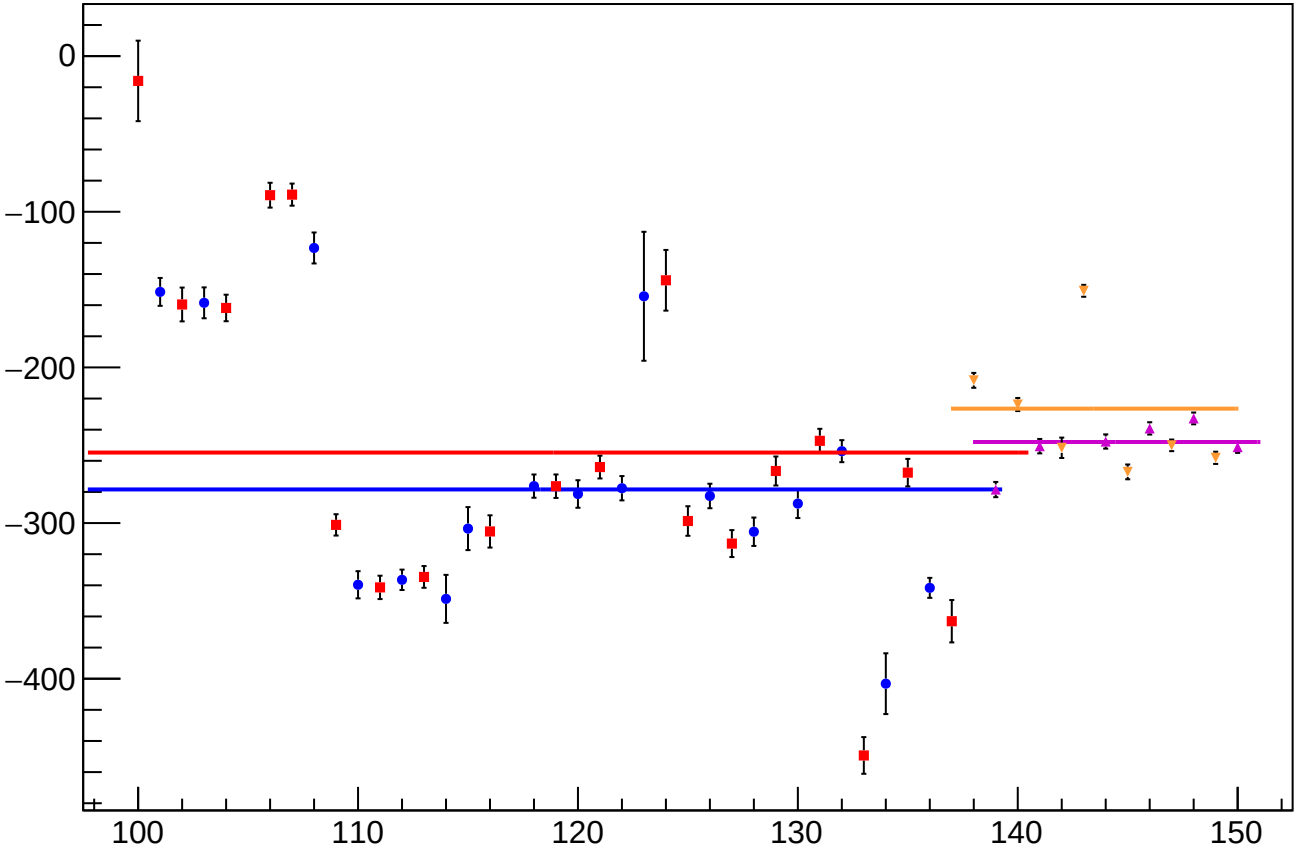
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 5.953+/-0.801 χ^2/NDF:647.1/22

Out: 4.879+/-0.763 χ^2/NDF:686.3/25

All: 5.390+/-0.553 χ^2/NDF: 1334.3/48

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -226.485+/-1.639 χ^2/NDF:598.2/6

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -247.918+/-1.712 χ^2/NDF:60.9/5

Left: -236.735+/-1.184 χ^2/NDF: 740.9/12

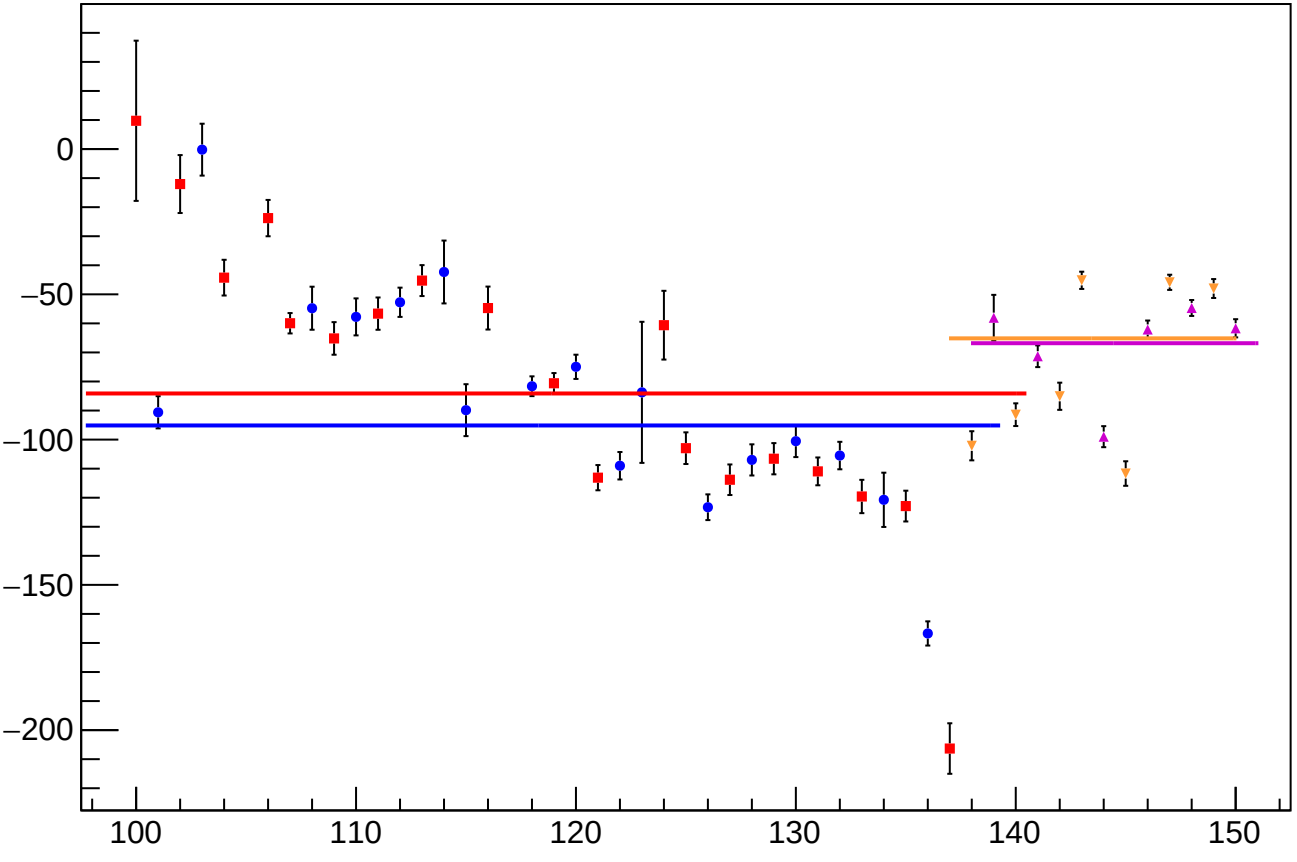
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -259.626+/-1.344 χ^2/NDF:1093.2/22

Out: -237.688+/-1.273 χ^2/NDF:2754.4/25

All: -248.064+/-0.924 χ^2/NDF: 3988.1/48

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -65.153+/-1.335 χ^2/NDF:366.8/6

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -66.824+/-1.408 χ^2/NDF:106.3/5

Left: -65.944+/-0.969 χ^2/NDF: 473.8/12

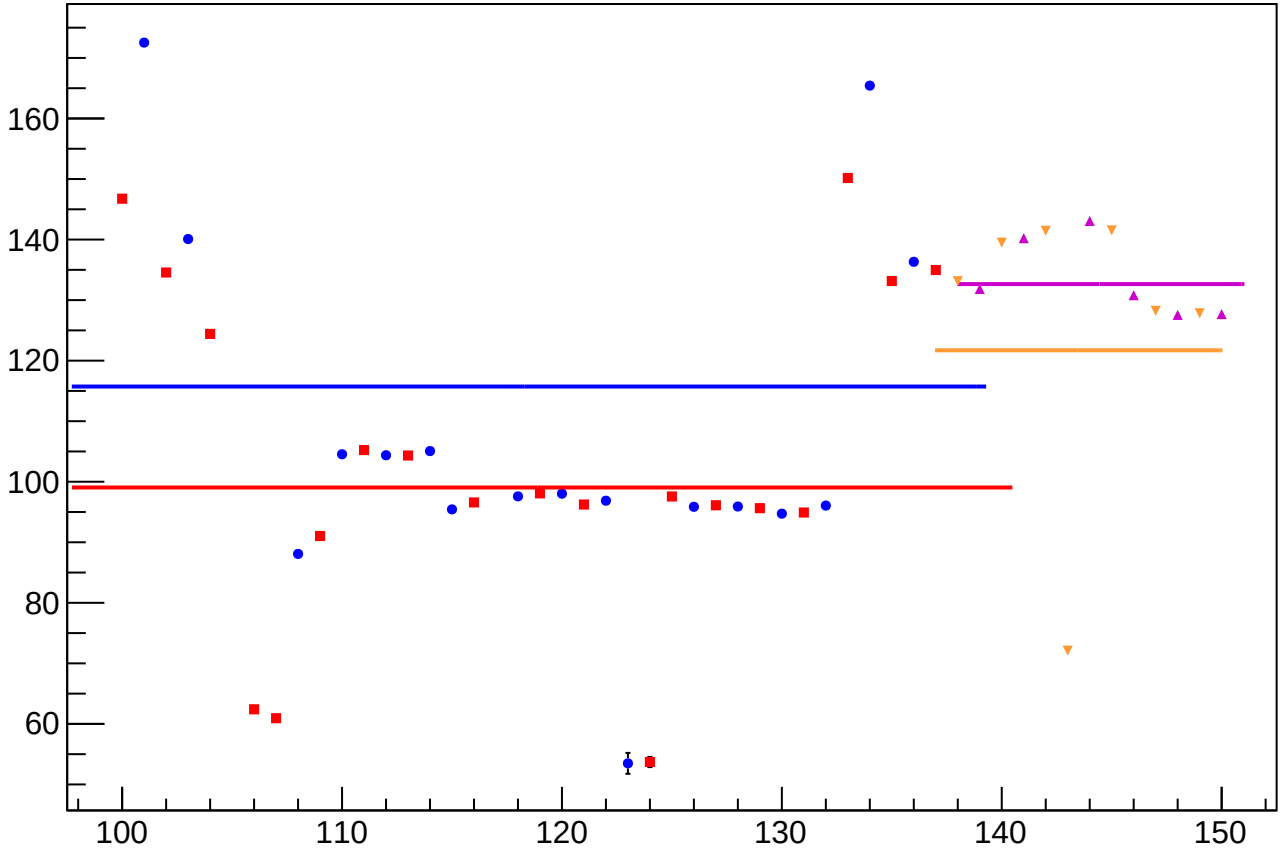
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -81.866+/-0.964 χ^2/NDF:996.1/22

Out: -75.193+/-0.916 χ^2/NDF:1256.6/25

All: -78.358+/-0.664 χ^2/NDF: 2277.8/48

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 121.713+/-0.069 χ^2/NDF:137017.3/6

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 132.646+/-0.072 χ^2/NDF:6460.9/5

Left: 126.996+/-0.050 χ^2/NDF: 155557.2/12

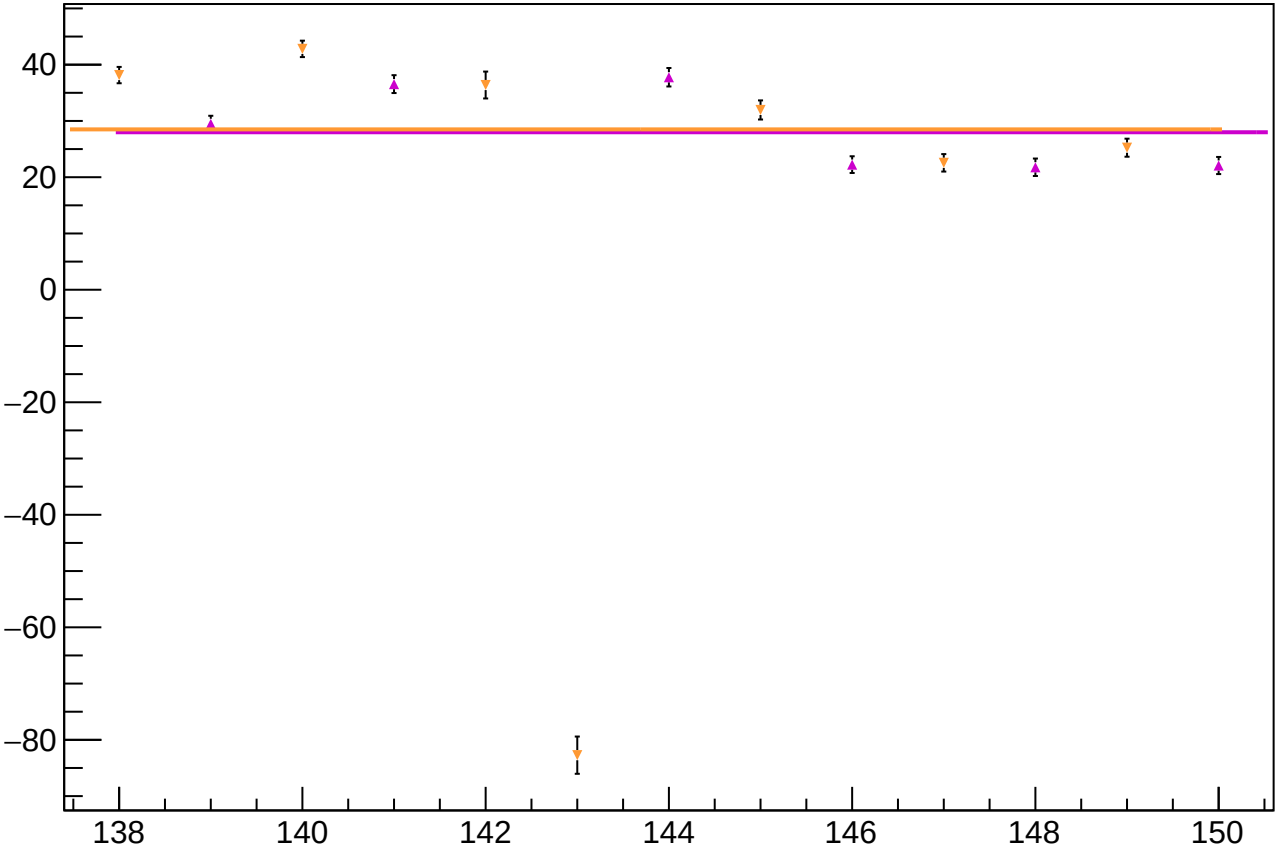
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 124.916+/-0.053 χ^2/NDF:138429.6/22

Out: 110.273+/-0.049 χ^2/NDF:364686.0/25

All: 117.012+/-0.036 χ^2/NDF: 544773.6/48

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: 28.500+/-0.651 χ^2/NDF:1302.9/6

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

Left In: 27.991+/-0.626 χ^2/NDF:111.8/5

Left: 28.236+/-0.451 χ^2/NDF: 1415.0/12

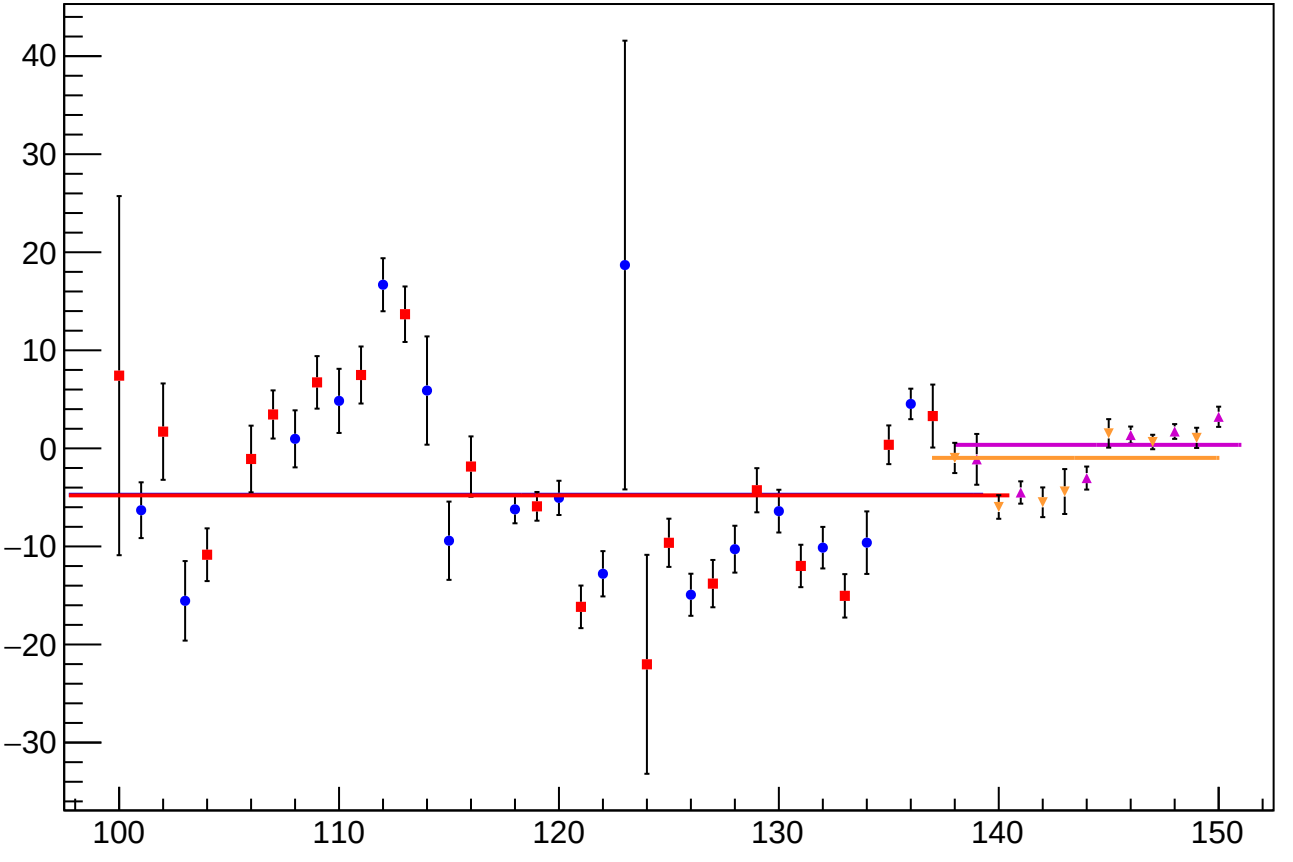
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 27.991+/-0.626 χ^2/NDF:111.8/5

Out: 28.500+/-0.651 χ^2/NDF:1302.9/6

All: 28.236+/-0.451 χ^2/NDF: 1415.0/12

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -0.969+/-0.448 χ^2/NDF:40.2/6

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: 0.359+/-0.420 χ^2/NDF:39.2/5

Left: -0.262+/-0.306 χ^2/NDF: 84.0/12

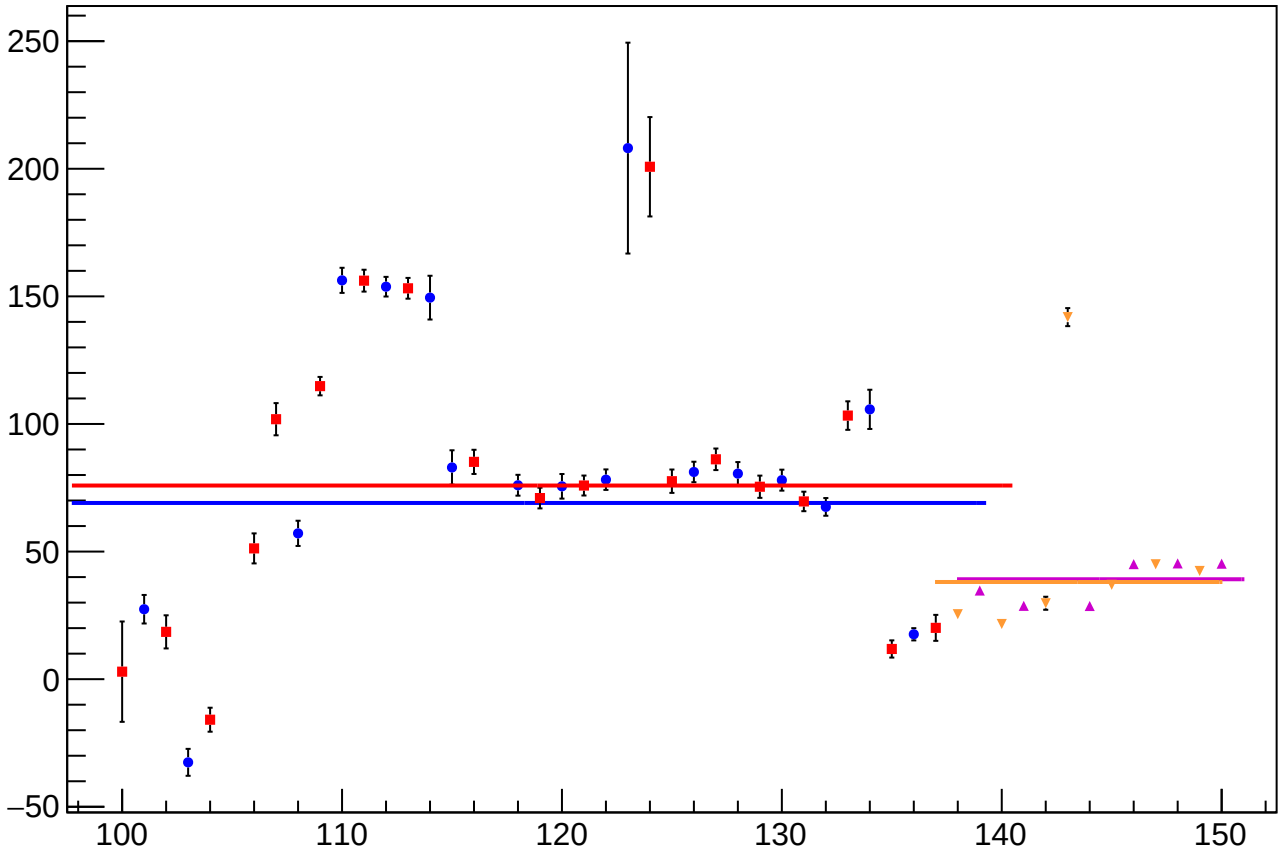
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.391+/-0.340 χ^2/NDF:264.6/22

Out: -2.379+/-0.356 χ^2/NDF:260.5/25

All: -1.863+/-0.246 χ^2/NDF: 529.2/48

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 38.083+/-0.661 χ^2/NDF:1081.2/6

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 39.153+/-0.626 χ^2/NDF:135.8/5

Left: 38.647+/-0.454 χ^2/NDF: 1218.4/12

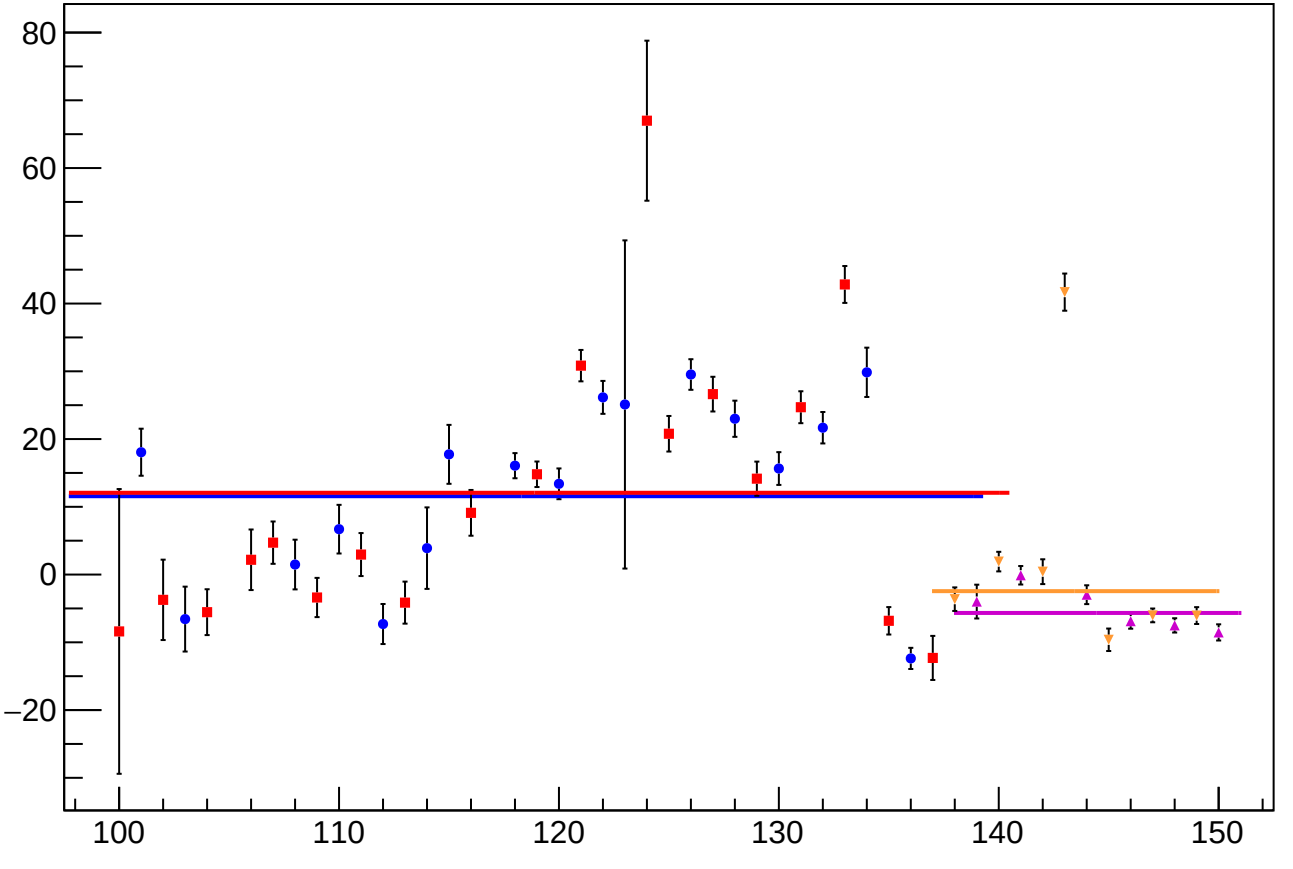
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 46.703+/-0.541 χ^2/NDF:2559.9/22

Out: 48.528+/-0.562 χ^2/NDF:3879.9/25

All: 47.581+/-0.390 χ^2/NDF: 6445.3/48

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: -2.448+/-0.557 χ^2/NDF:310.5/6

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -5.666+/-0.525 χ^2/NDF:30.8/5

Left: -4.152+/-0.382 χ^2/NDF: 359.0/12

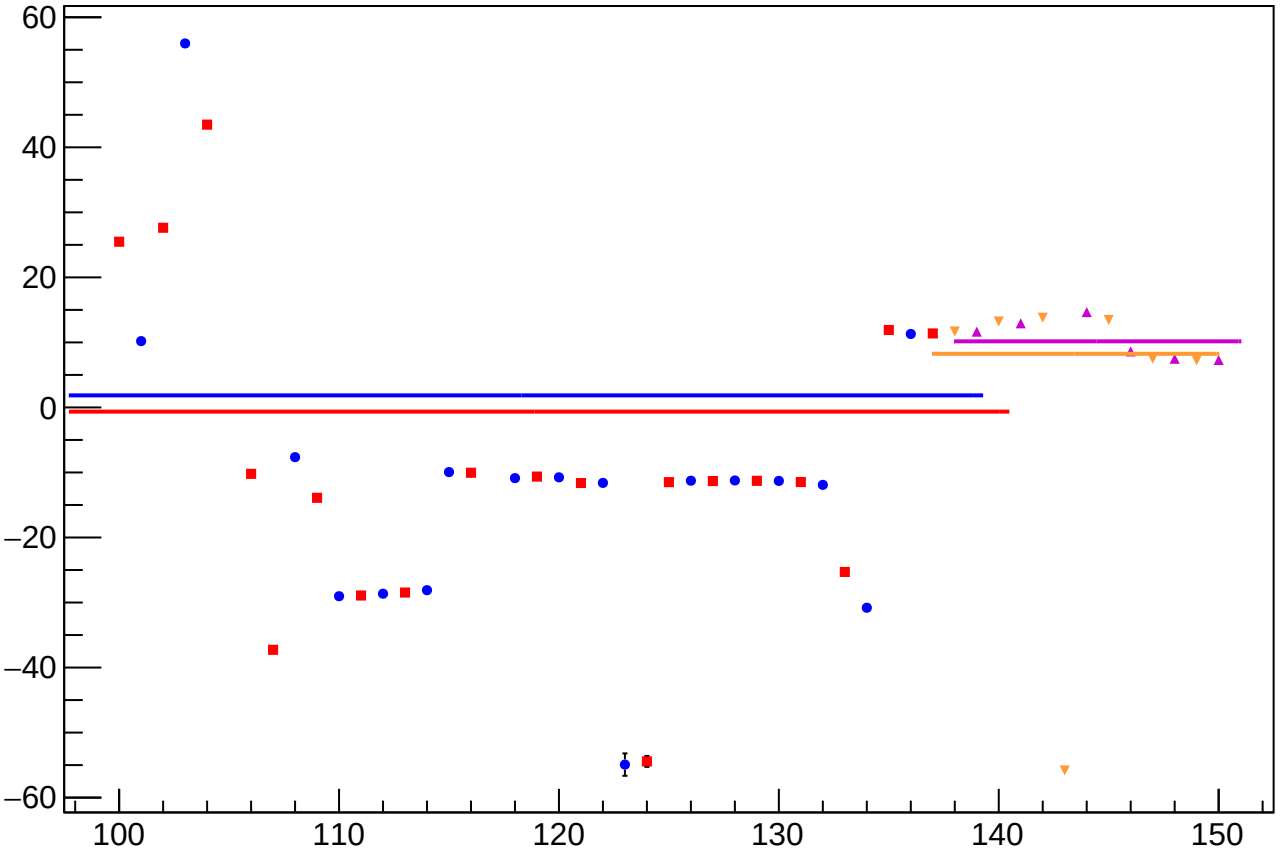
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 1.036+/-0.411 χ^2/NDF:927.8/22

Out: 3.545+/-0.427 χ^2/NDF:1134.1/25

All: 2.241+/-0.296 χ^2/NDF: 2079.9/48

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.247+/-0.028 χ^2/NDF:222242.9/6

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 10.164+/-0.026 χ^2/NDF:10567.0/5

Left: 9.276+/-0.019 χ^2/NDF: 235352.7/12

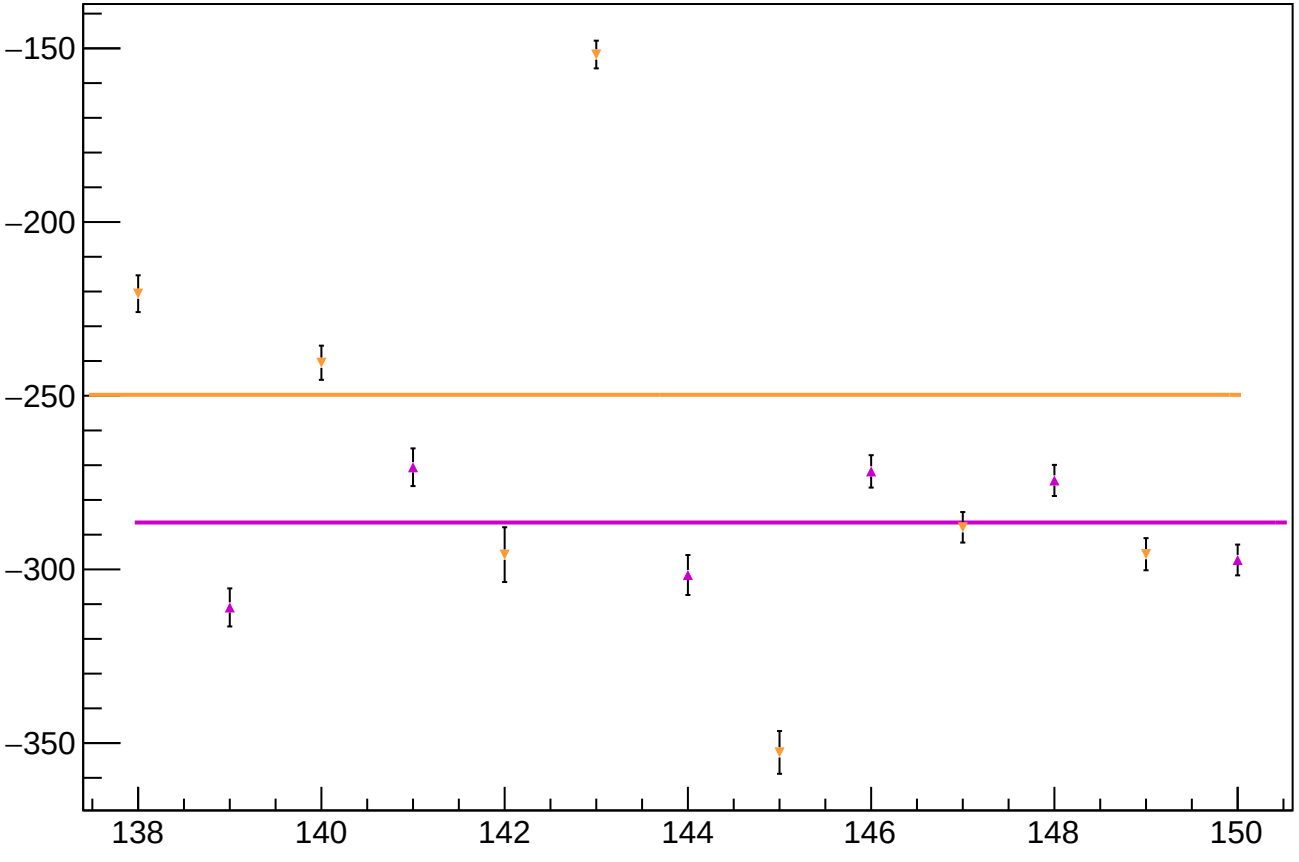
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.434+/-0.021 χ^2/NDF:403847.8/22

Out: 5.035+/-0.022 χ^2/NDF:620648.7/25

All: 6.293+/-0.015 χ^2/NDF: 1030584.5/48

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: -249.742+/-1.887 χ^2/NDF:1124.2/6

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

Left In: -286.497+/-2.023 χ^2/NDF:58.6/5

Left: -266.842+/-1.380 χ^2/NDF: 1359.3/12

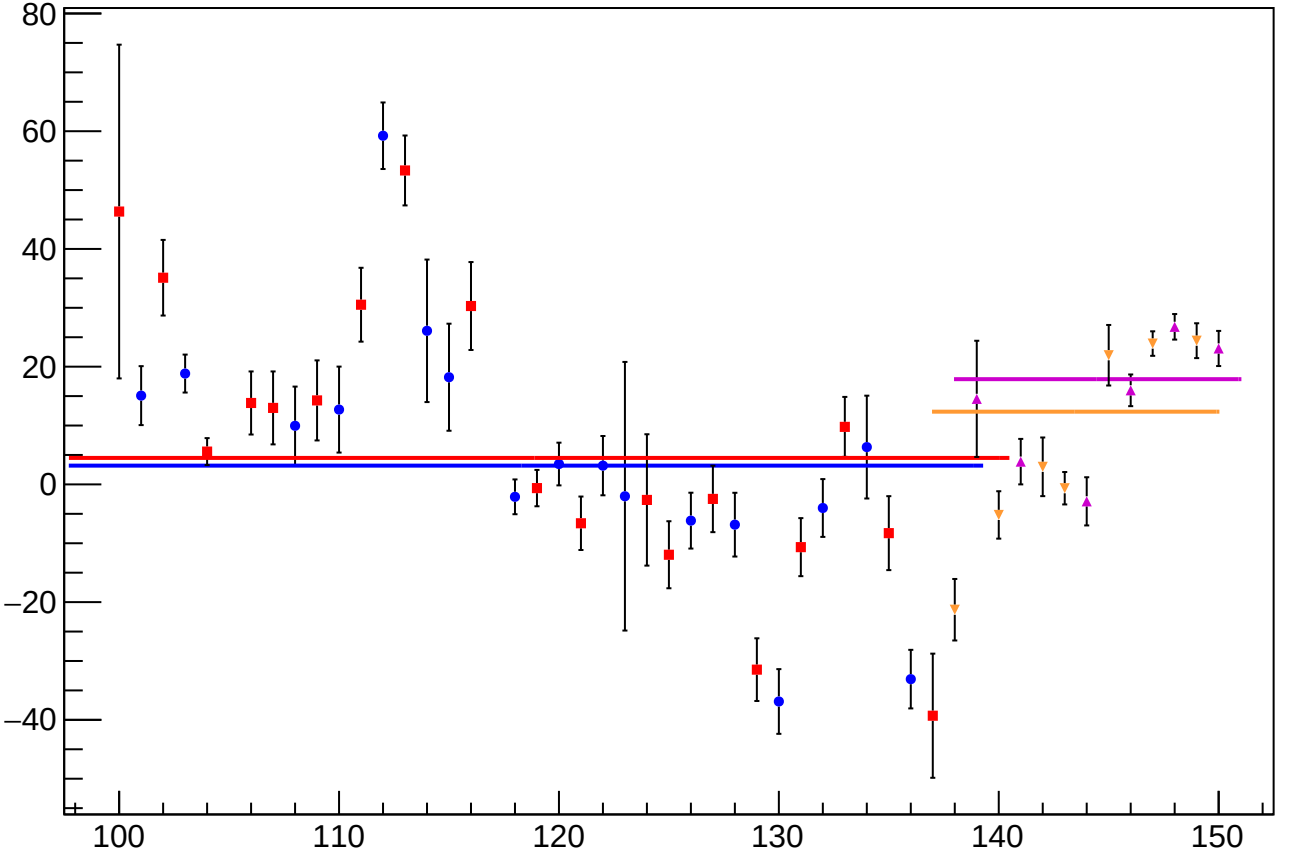
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -286.497+/-2.023 χ^2/NDF:58.6/5

Out: -249.742+/-1.887 χ^2/NDF:1124.2/6

All: -266.842+/-1.380 χ^2/NDF: 1359.3/12

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 12.355+/-1.237 χ^2/NDF:137.2/6

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 17.877+/-1.292 χ^2/NDF:59.3/5

Left: 14.997+/-0.894 χ^2/NDF: 206.1/12

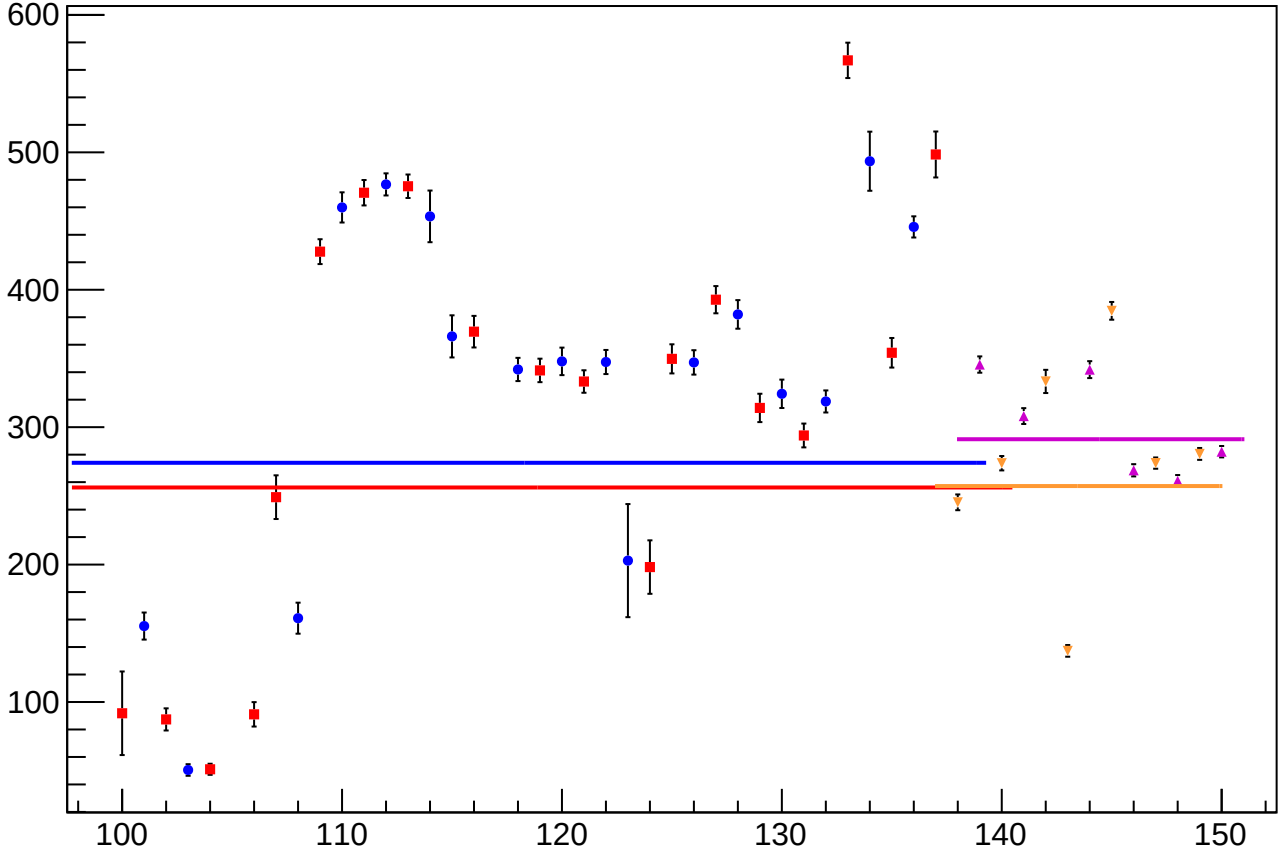
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 10.146+/-0.889 χ^2/NDF:383.0/22

Out: 8.171+/-0.846 χ^2/NDF:384.1/25

All: 9.110+/-0.613 χ^2/NDF: 769.8/48

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: 257.148+/-1.914 χ^2/NDF:1325.0/6

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 291.226+/-1.998 χ^2/NDF:242.7/5

Left: 273.455+/-1.382 χ^2/NDF: 1719.3/12

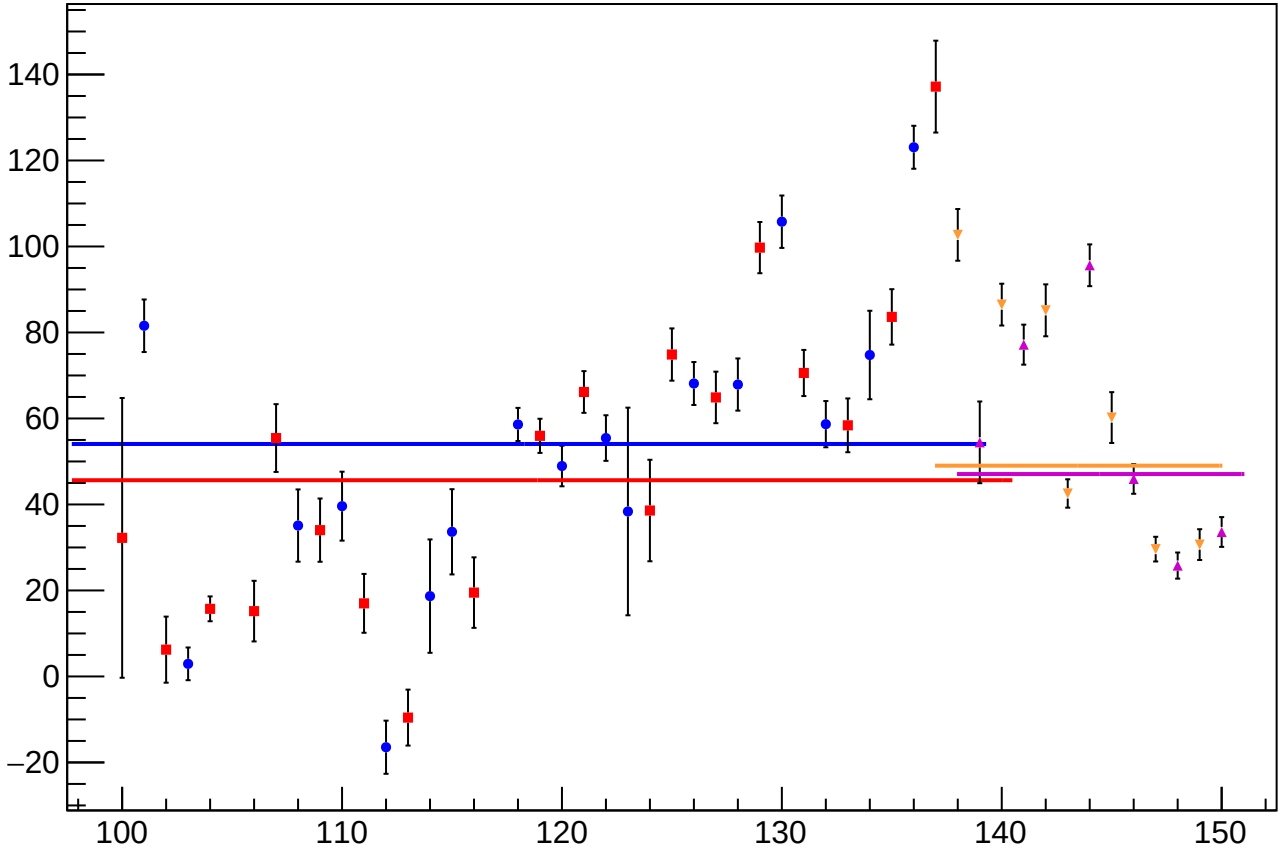
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 283.439+/-1.477 χ^2/NDF:5388.1/22

Out: 256.671+/-1.409 χ^2/NDF:7769.2/25

All: 269.426+/-1.019 χ^2/NDF: 13329.3/48

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 49.019+/-1.548 χ^2/NDF:254.2/6

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 47.074+/-1.632 χ^2/NDF:206.7/5

Left: 48.098+/-1.123 χ^2/NDF: 461.7/12

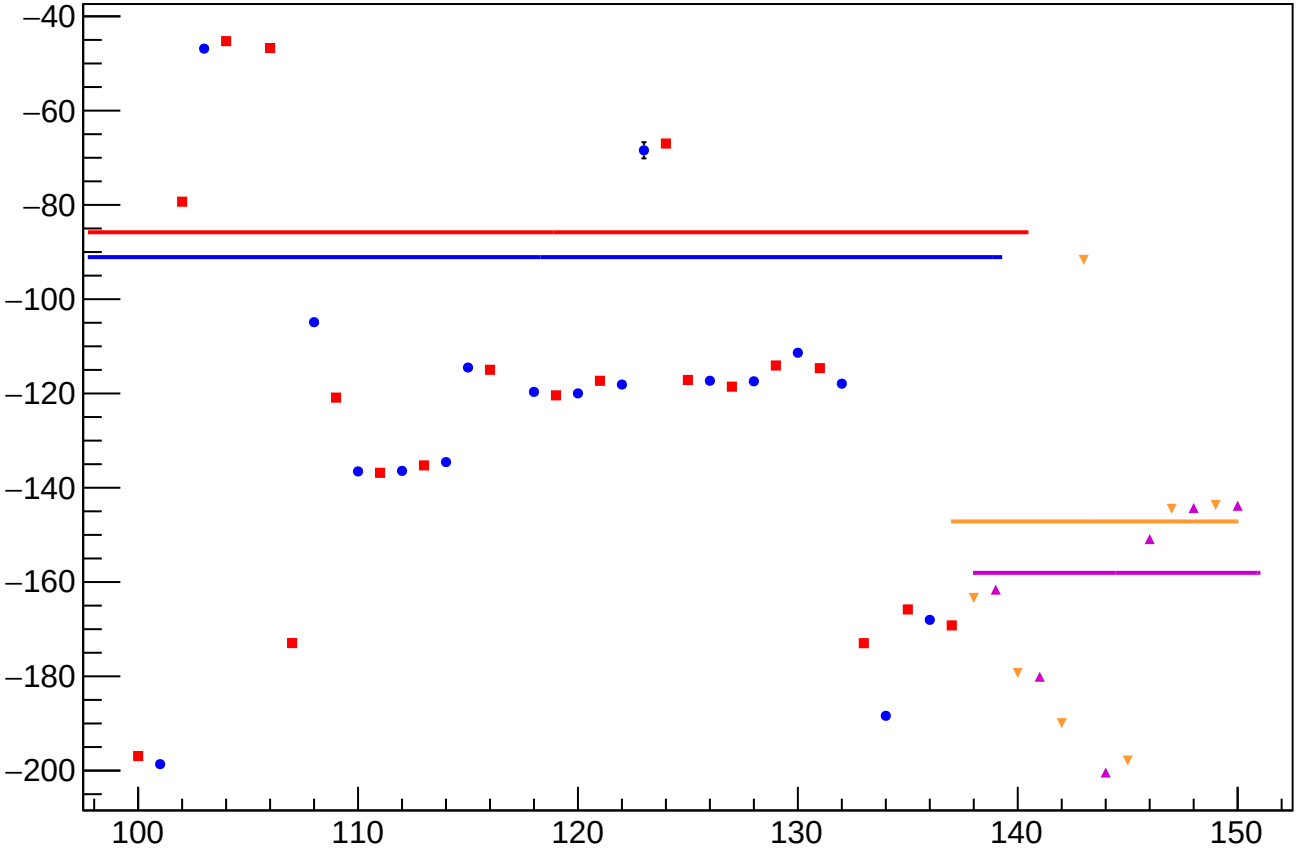
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 51.052+/-1.072 χ^2/NDF:851.5/22

Out: 47.109+/-1.021 χ^2/NDF:787.7/25

All: 48.986+/-0.739 χ^2/NDF: 1646.4/48

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -147.146+/-0.081 χ^2/NDF:186180.3/6

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -158.047+/-0.084 χ^2/NDF:47682.3/5

Left: -152.434+/-0.058 χ^2/NDF: 242601.5/12

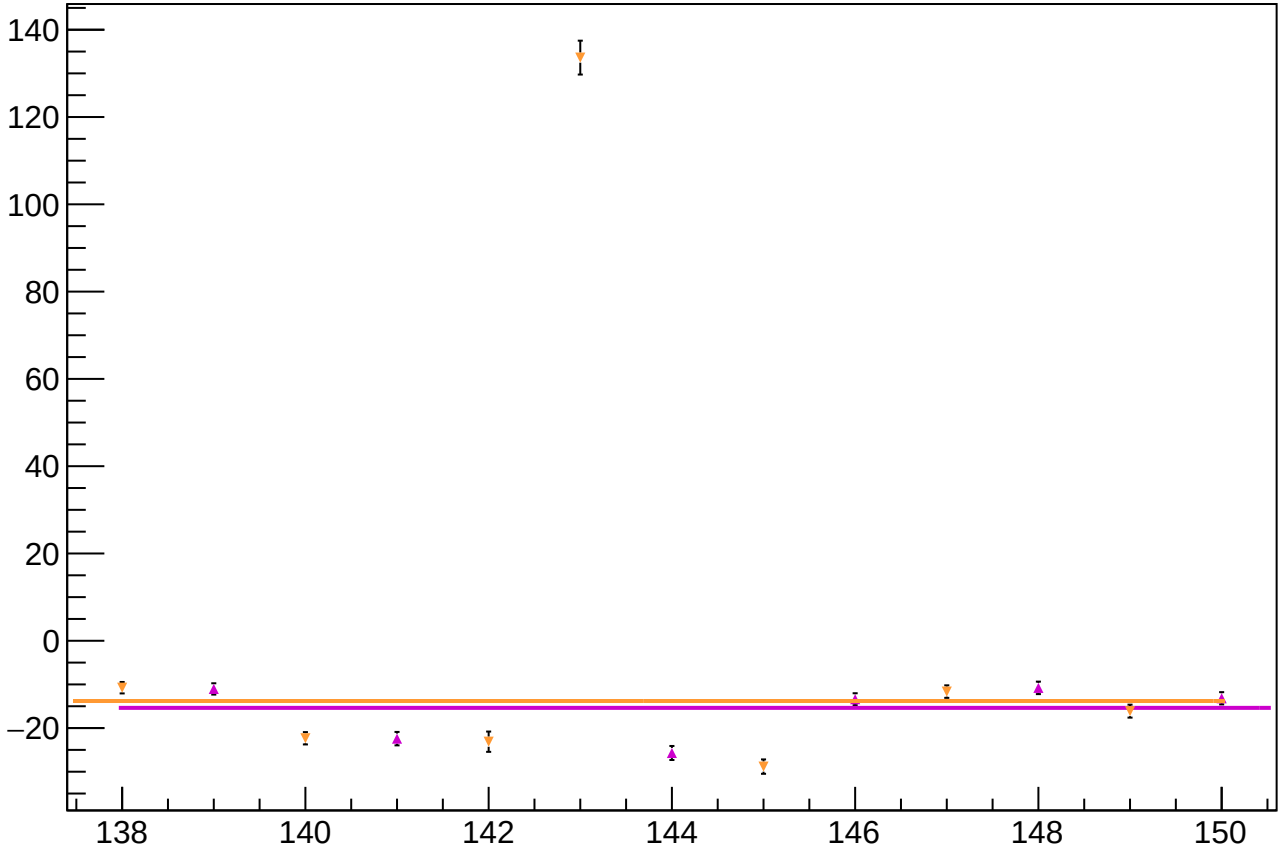
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -117.490+/-0.053 χ^2/NDF:970284.8/22

Out: -109.775+/-0.051 χ^2/NDF:1029690.6/25

All: -113.499+/-0.037 χ^2/NDF: 2011123.9/48

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.800+/-0.615 χ^2/NDF:1588.7/6

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

Left In: -15.371+/-0.584 χ^2/NDF:88.3/5

Left: -14.627+/-0.424 χ^2/NDF: 1680.4/12

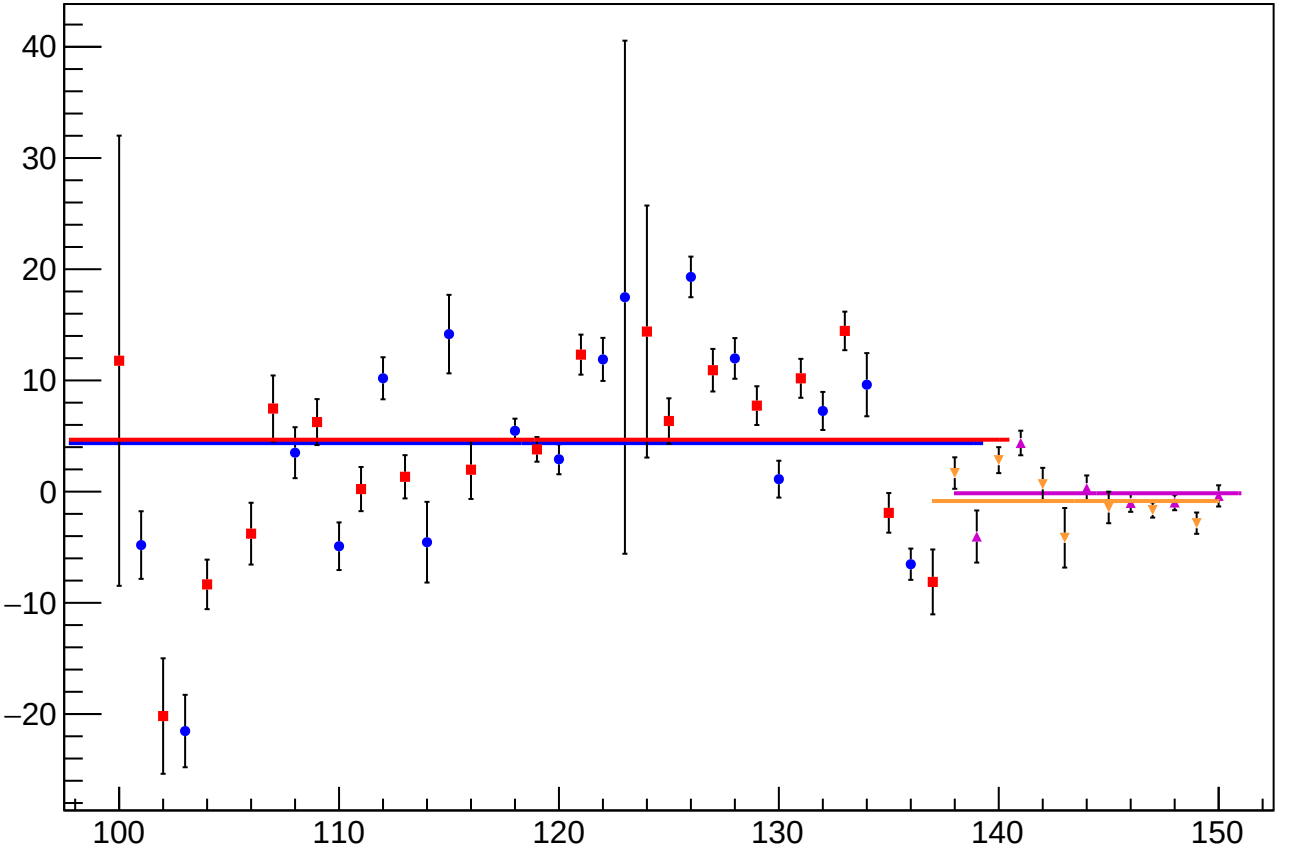
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.371+/-0.584 χ^2/NDF:88.3/5

Out: -13.800+/-0.615 χ^2/NDF:1588.7/6

All: -14.627+/-0.424 χ^2/NDF: 1680.4/12

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: -0.846+/-0.424 χ^2/NDF:21.5/6

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: -0.145+/-0.393 χ^2/NDF:22.3/5

Left: -0.469+/-0.288 χ^2/NDF: 45.3/12

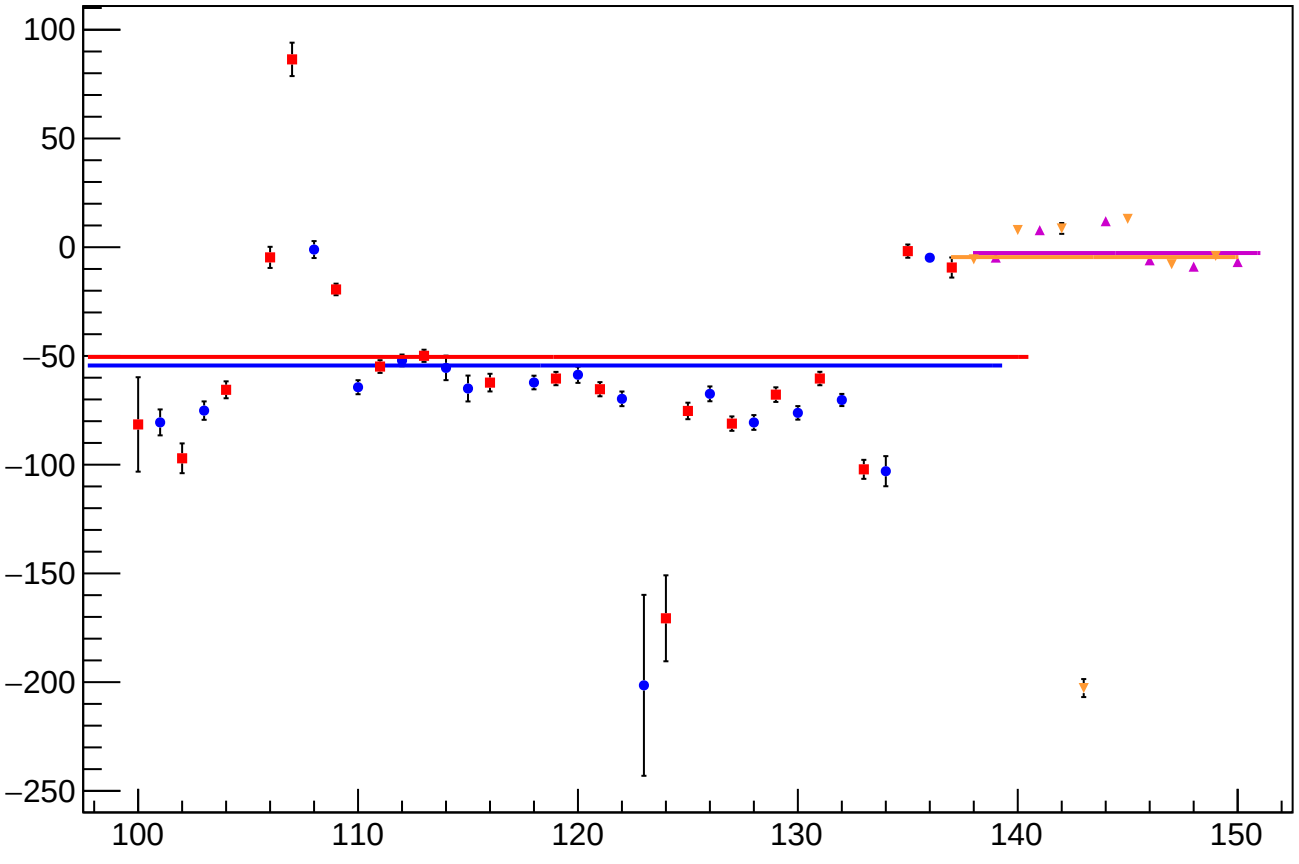
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.733+/-0.300 χ^2/NDF:363.7/22

Out: 1.603+/-0.316 χ^2/NDF:282.2/25

All: 1.671+/-0.217 χ^2/NDF: 646.0/48

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -4.545+/-0.624 χ^2/NDF:2496.9/6

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -2.674+/-0.584 χ^2/NDF:154.2/5

Left: -3.547+/-0.426 χ^2/NDF: 2655.9/12

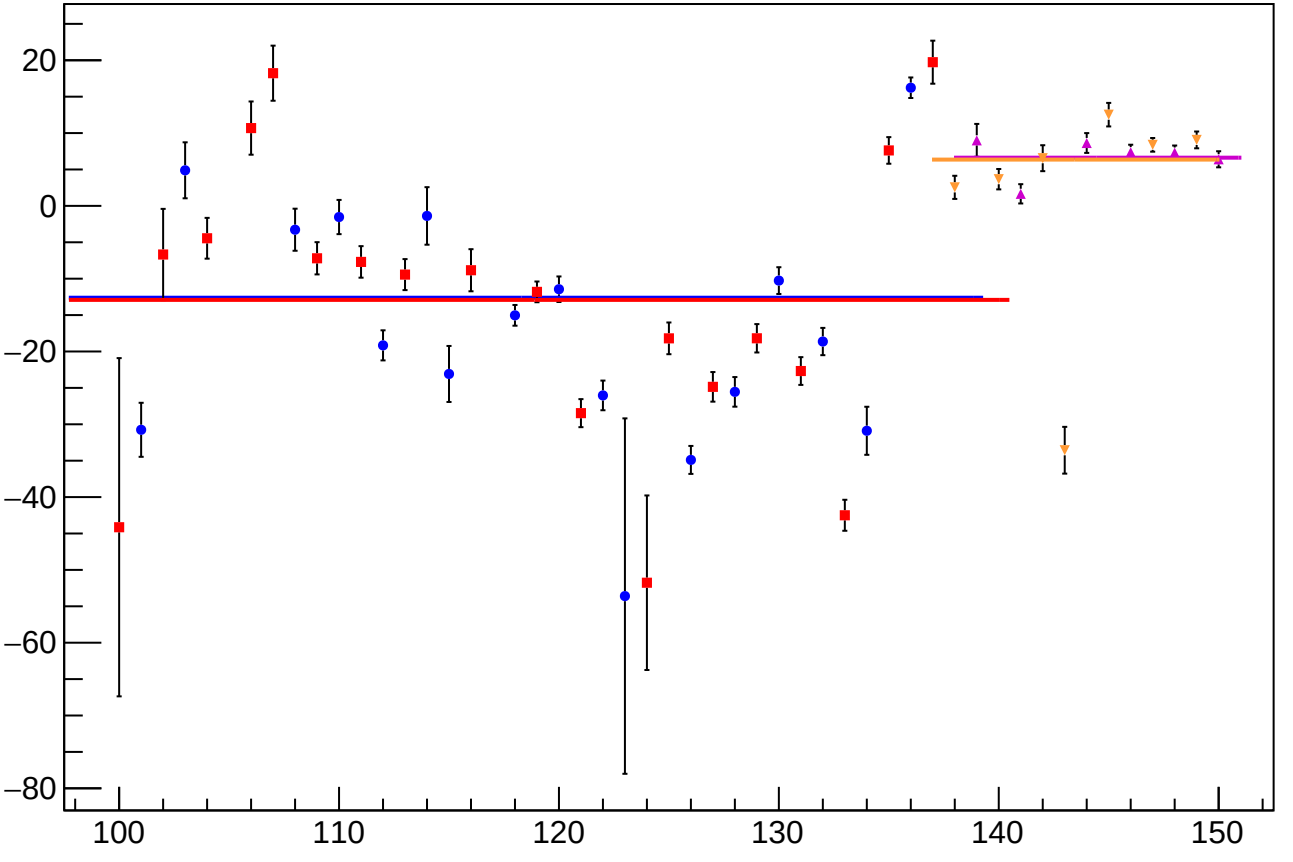
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -18.923+/-0.483 χ^2/NDF:3633.3/22

Out: -20.434+/-0.504 χ^2/NDF:5695.1/25

All: -19.646+/-0.349 χ^2/NDF: 9333.1/48

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: 6.358+/-0.528 χ^2/NDF:188.7/6

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 6.620+/-0.492 χ^2/NDF:18.5/5

Left: 6.498+/-0.360 χ^2/NDF: 207.3/12

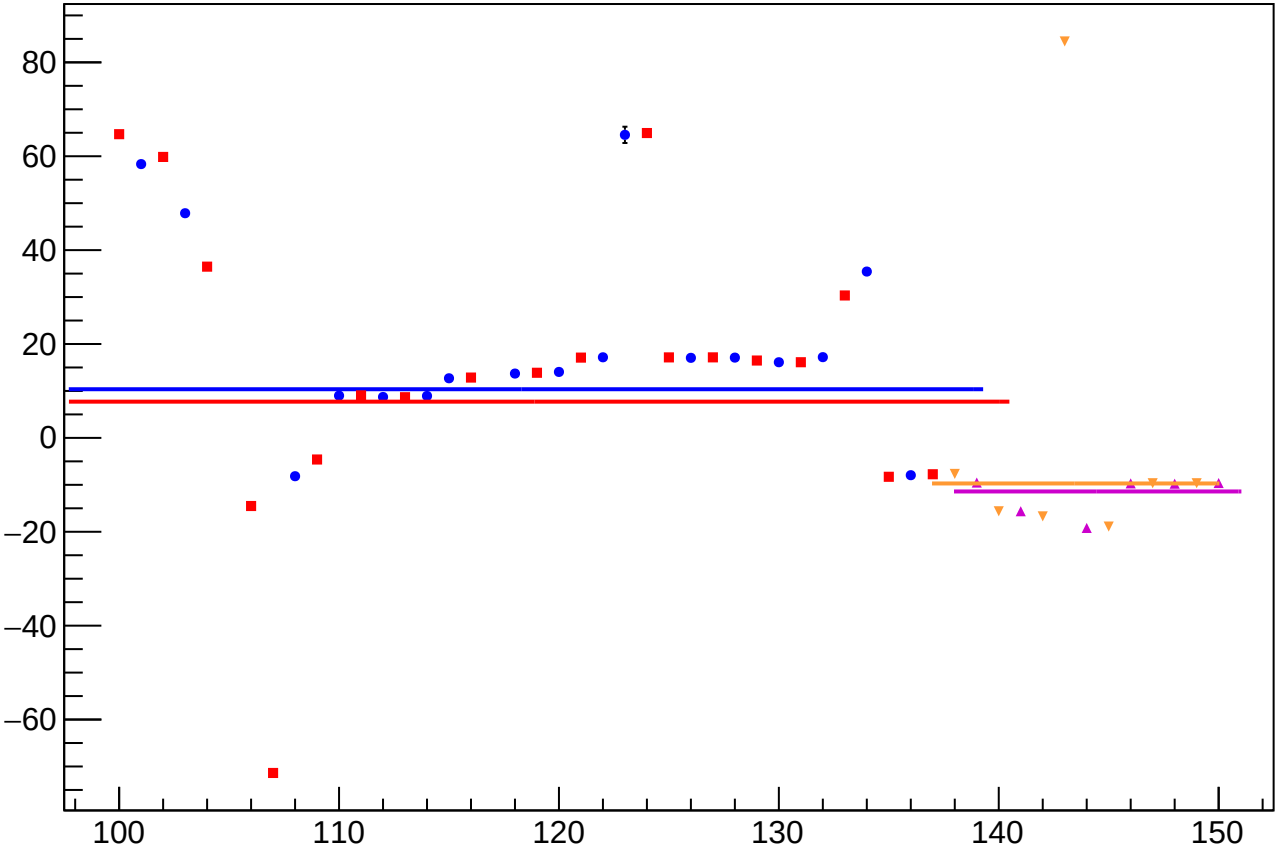
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -2.276+/-0.361 χ^2/NDF:1514.3/22

Out: -3.093+/-0.377 χ^2/NDF:1572.1/25

All: -2.667+/-0.261 χ^2/NDF: 3088.9/48

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: -9.709+/-0.026 χ^2/NDF:354315.9/6

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -11.413+/-0.024 χ^2/NDF:18950.0/5

Left: -10.636+/-0.018 χ^2/NDF: 375549.0/12

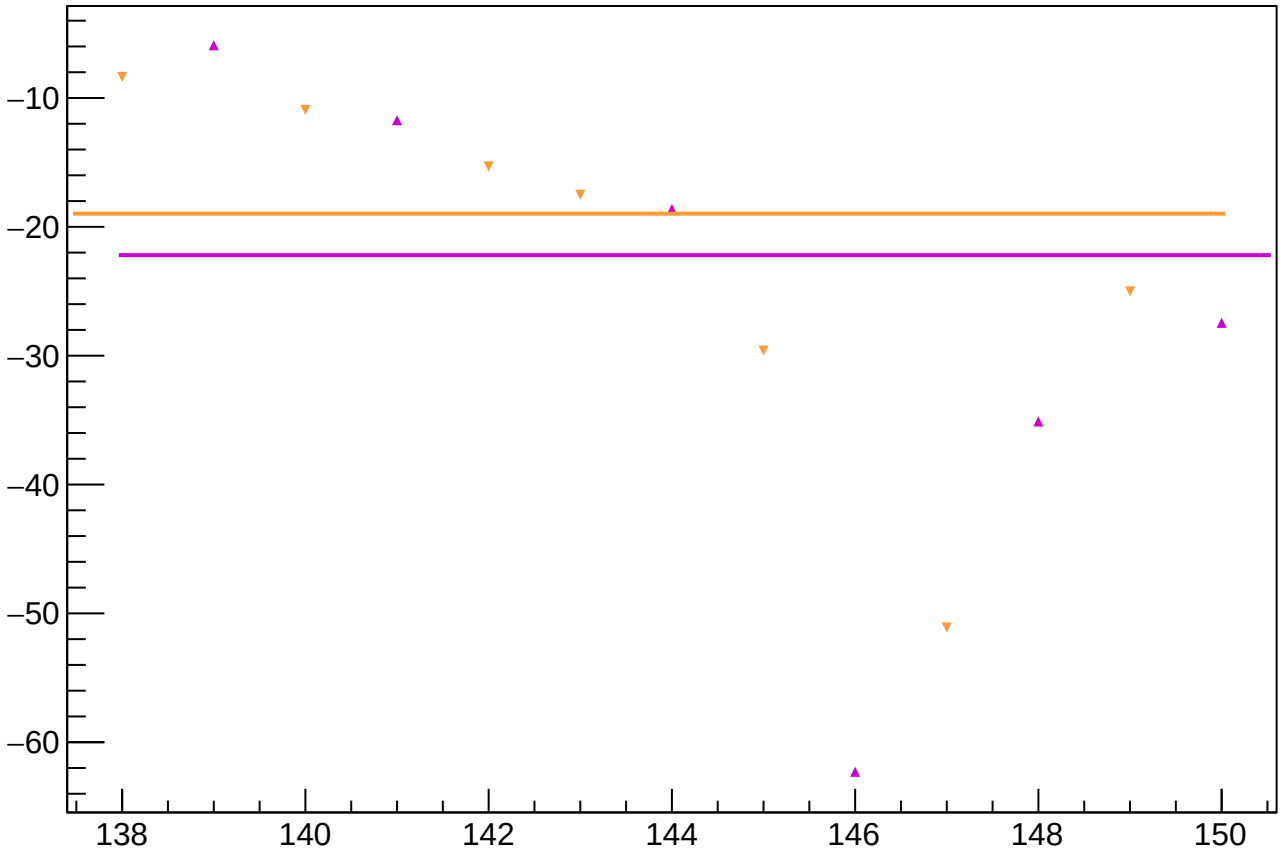
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -3.060+/-0.019 χ^2/NDF:713523.5/22

Out: -2.483+/-0.020 χ^2/NDF:1081424.6/25

All: -2.789+/-0.014 χ^2/NDF: 1795383.5/48

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: -18.977+/-0.103 χ^2/NDF:14312.0/6

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

Left In: -22.196+/-0.102 χ^2/NDF:27801.2/5

Left: -20.597+/-0.072 χ^2/NDF: 42606.4/12

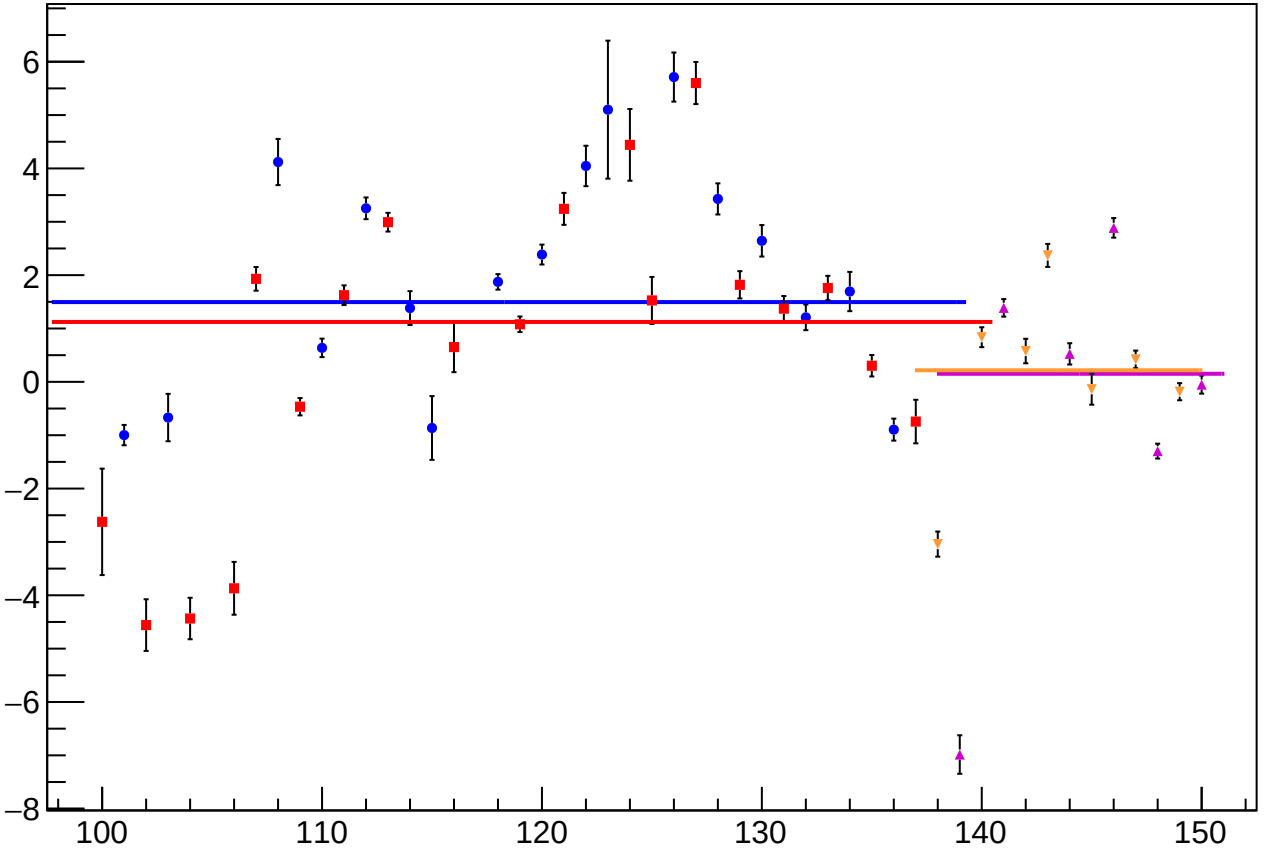
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.196+/-0.102 χ^2/NDF:27801.2/5

Out: -18.977+/-0.103 χ^2/NDF:14312.0/6

All: -20.597+/-0.072 χ^2/NDF: 42606.4/12

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 0.217+/-0.076 χ^2/NDF:314.1/6

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.152+/-0.073 χ^2/NDF:781.7/5

Left: 0.183+/-0.053 χ^2/NDF: 1096.2/12

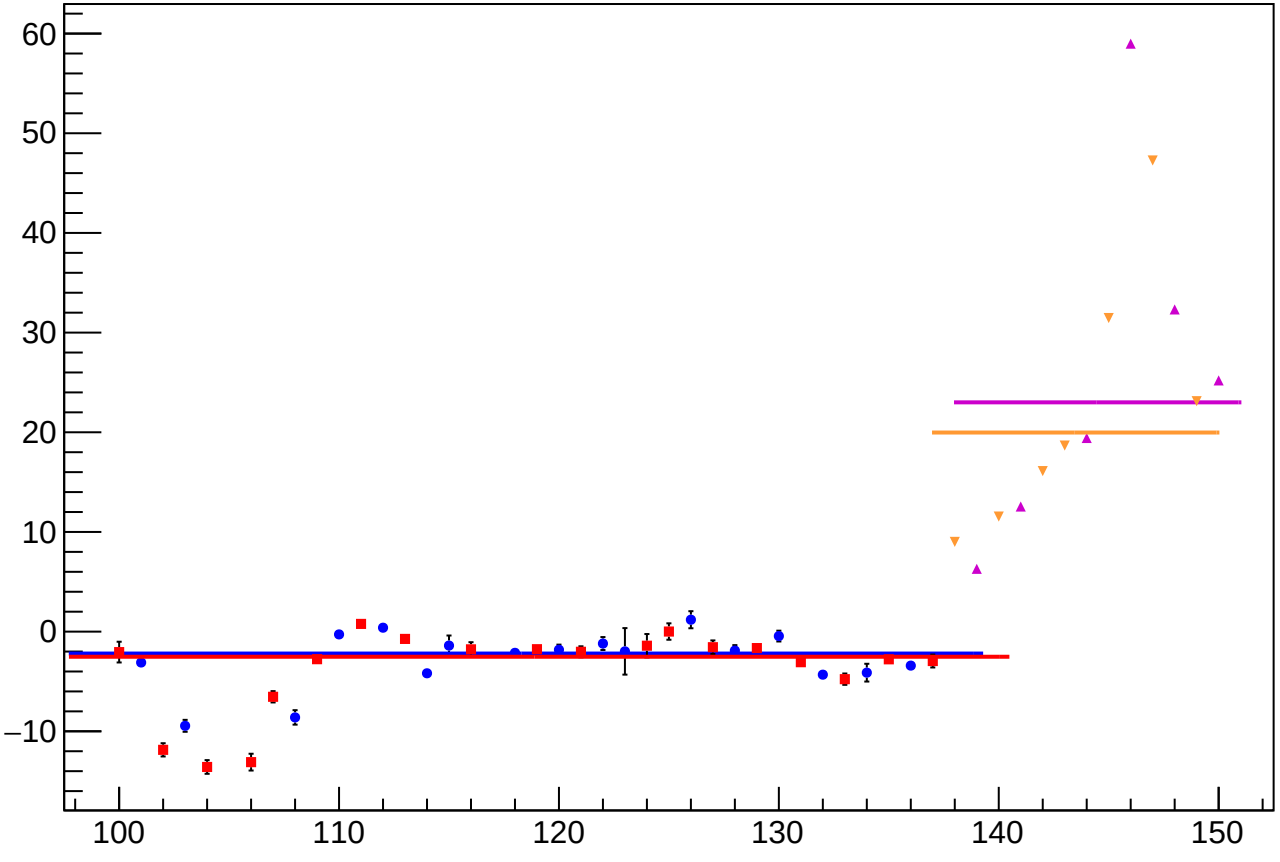
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 0.945+/-0.047 χ^2/NDF:1688.4/22

Out: 0.786+/-0.046 χ^2/NDF:1350.8/25

All: 0.864+/-0.033 χ^2/NDF: 3045.1/48

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: 19.975+/-0.106 χ^2/NDF:12149.2/6

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 23.002+/-0.103 χ^2/NDF:23713.9/5

Left: 21.525+/-0.074 χ^2/NDF: 36280.9/12

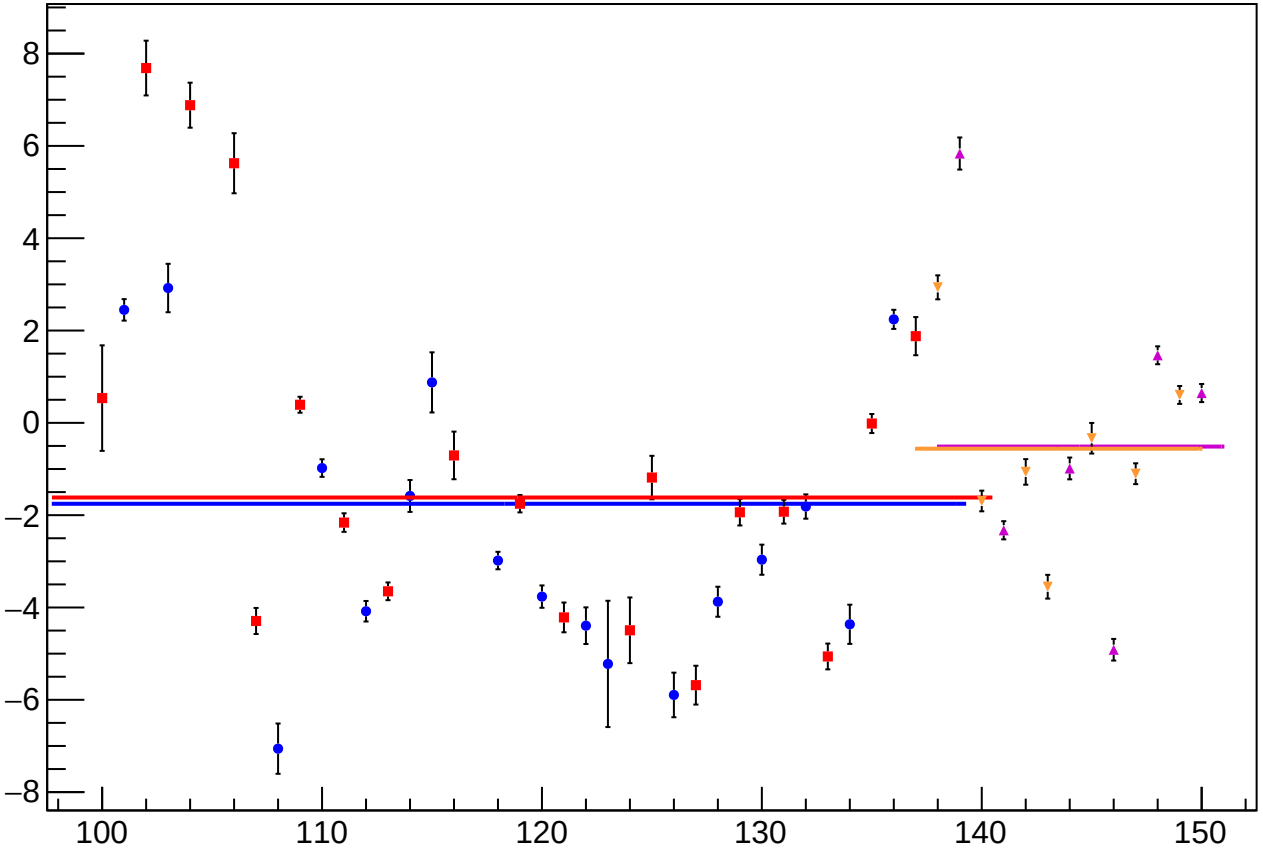
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 11.236+/-0.076 χ^2/NDF:51864.2/22

Out: 7.956+/-0.072 χ^2/NDF:37122.0/25

All: 9.524+/-0.052 χ^2/NDF: 89969.0/48

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.560+/-0.092 χ^2/NDF:387.4/6

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -0.514+/-0.090 χ^2/NDF:913.7/5

Left: -0.536+/-0.064 χ^2/NDF: 1301.3/12

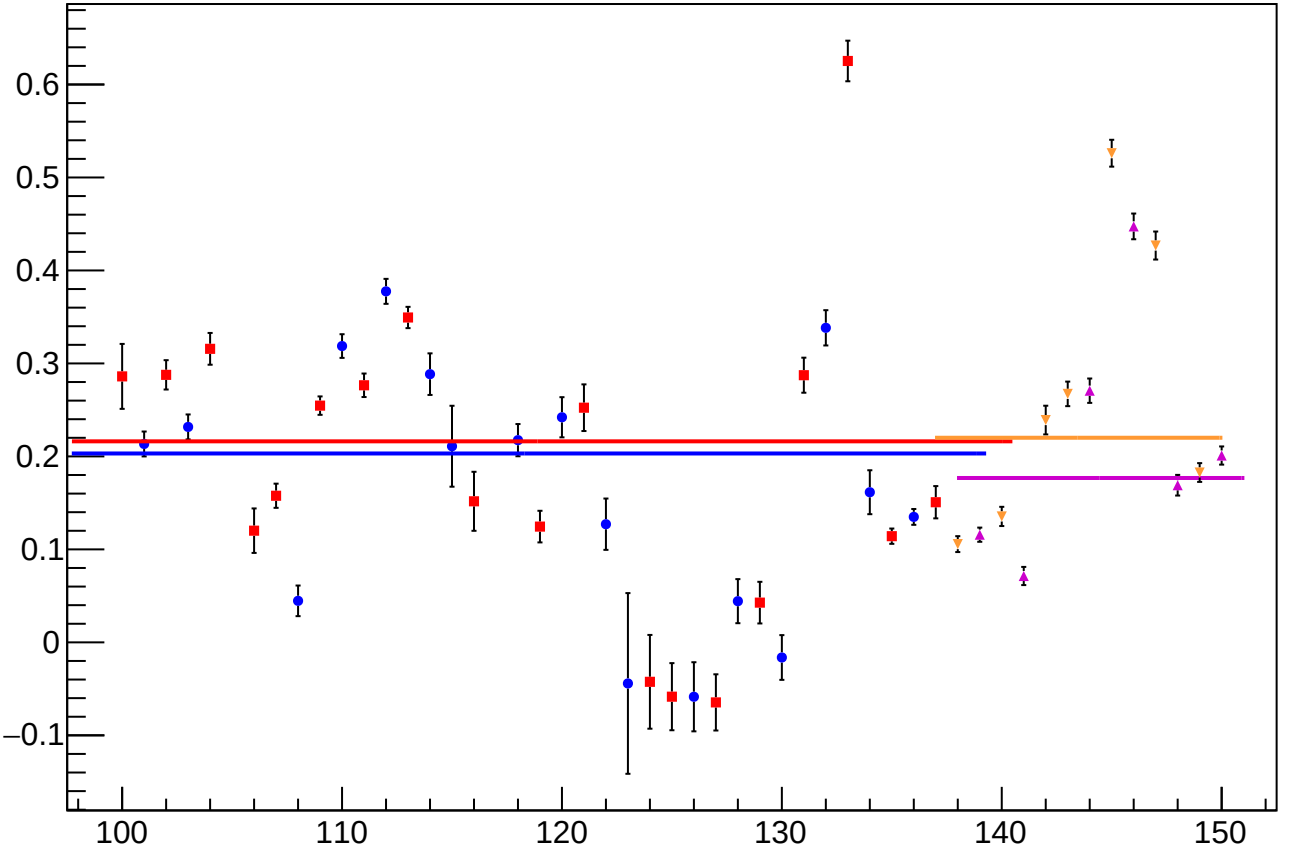
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.285+/-0.055 χ^2/NDF:2376.2/22

Out: -1.259+/-0.053 χ^2/NDF:1962.6/25

All: -1.272+/-0.038 χ^2/NDF: 4338.9/48

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.220+/-0.004 χ^2/NDF:911.2/6

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.177+/-0.004 χ^2/NDF:621.2/5

Left: 0.197+/-0.003 χ^2/NDF: 1583.5/12

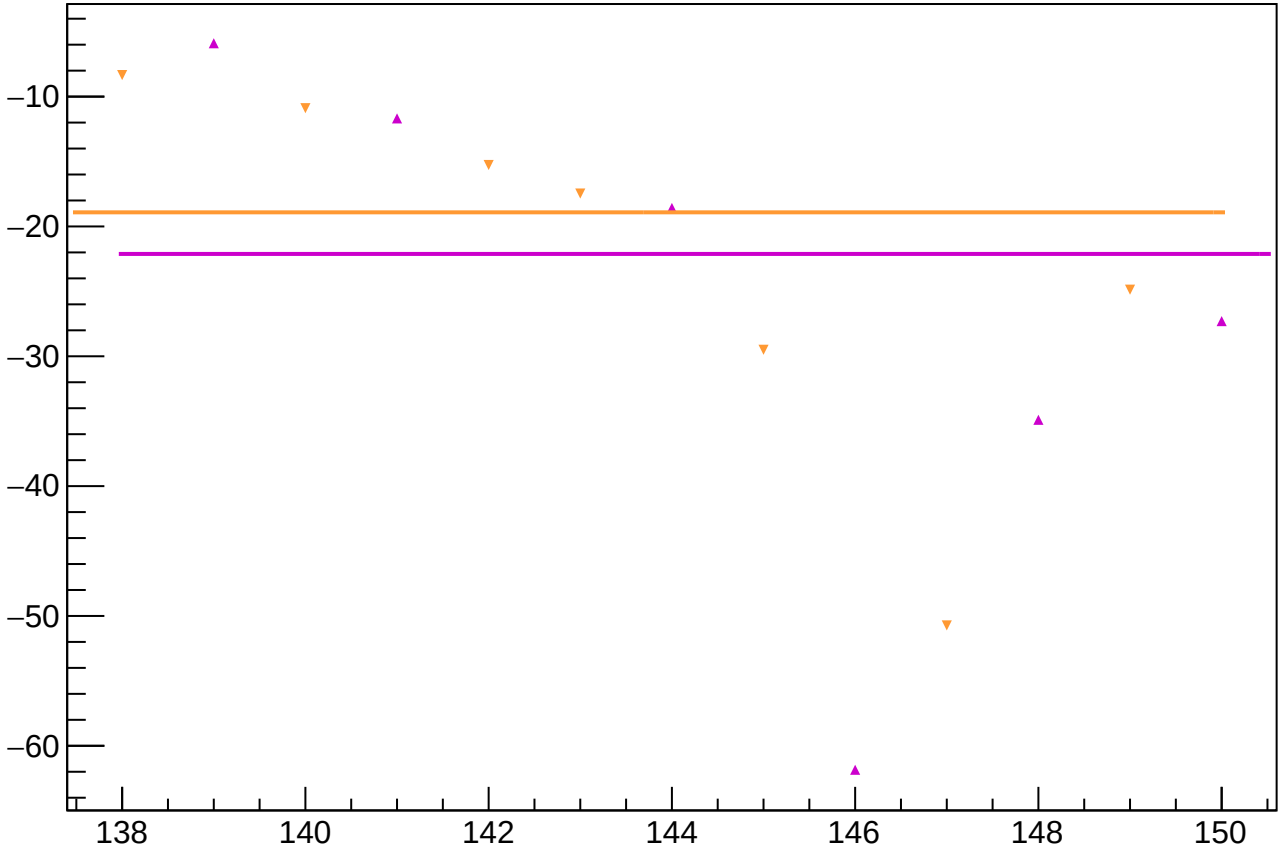
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.190+/-0.003 χ^2/NDF:1318.5/22

Out: 0.218+/-0.003 χ^2/NDF:1979.0/25

All: 0.205+/-0.002 χ^2/NDF: 3343.7/48

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: -18.913+/-0.102 χ^2/NDF:14278.6/6

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

Left In: -22.117+/-0.102 χ^2/NDF:27732.4/5

Left: -20.526+/-0.072 χ^2/NDF: 42504.9/12

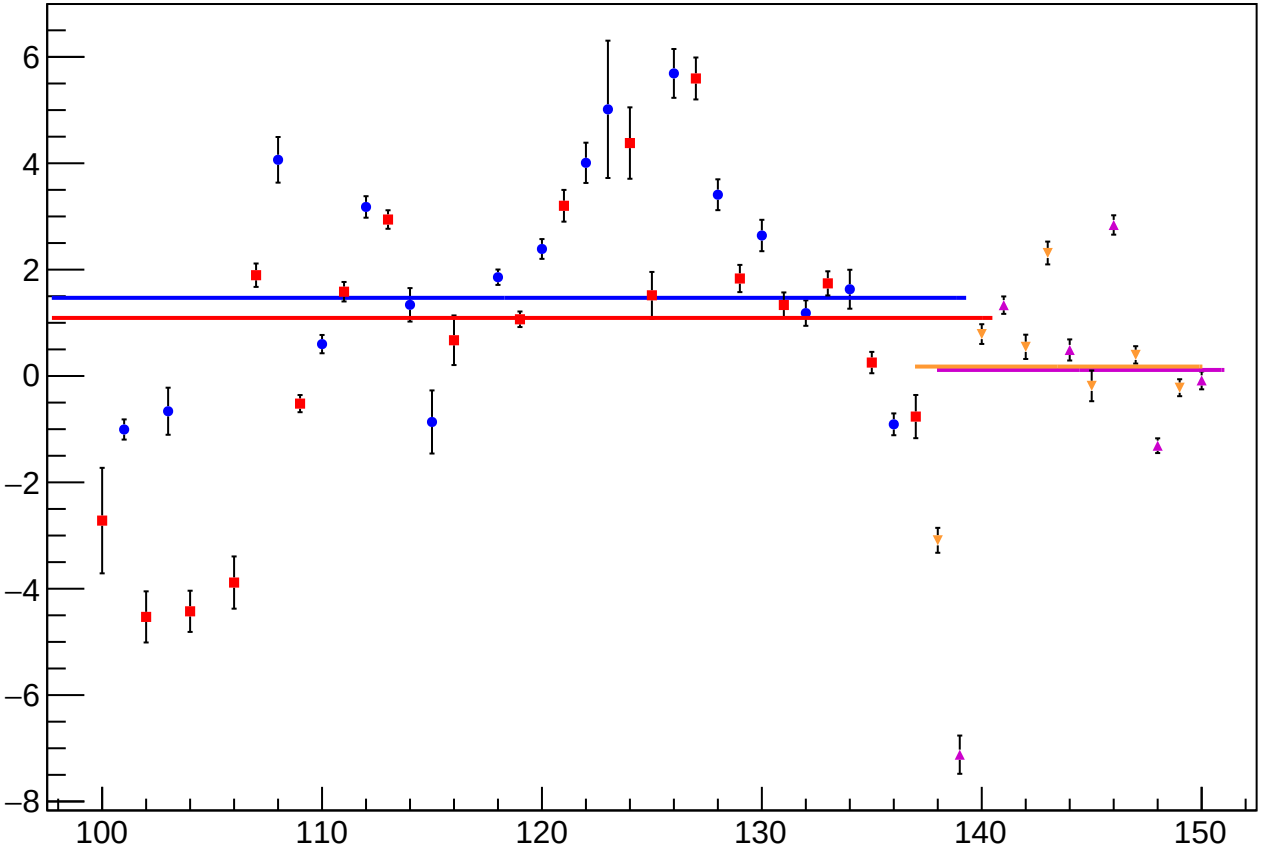
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.117+/-0.102 χ^2/NDF:27732.4/5

Out: -18.913+/-0.102 χ^2/NDF:14278.6/6

All: -20.526+/-0.072 χ^2/NDF: 42504.9/12

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 0.177+/-0.075 χ^2/NDF:316.5/6

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.114+/-0.073 χ^2/NDF:794.6/5

Left: 0.145+/-0.052 χ^2/NDF: 1111.4/12

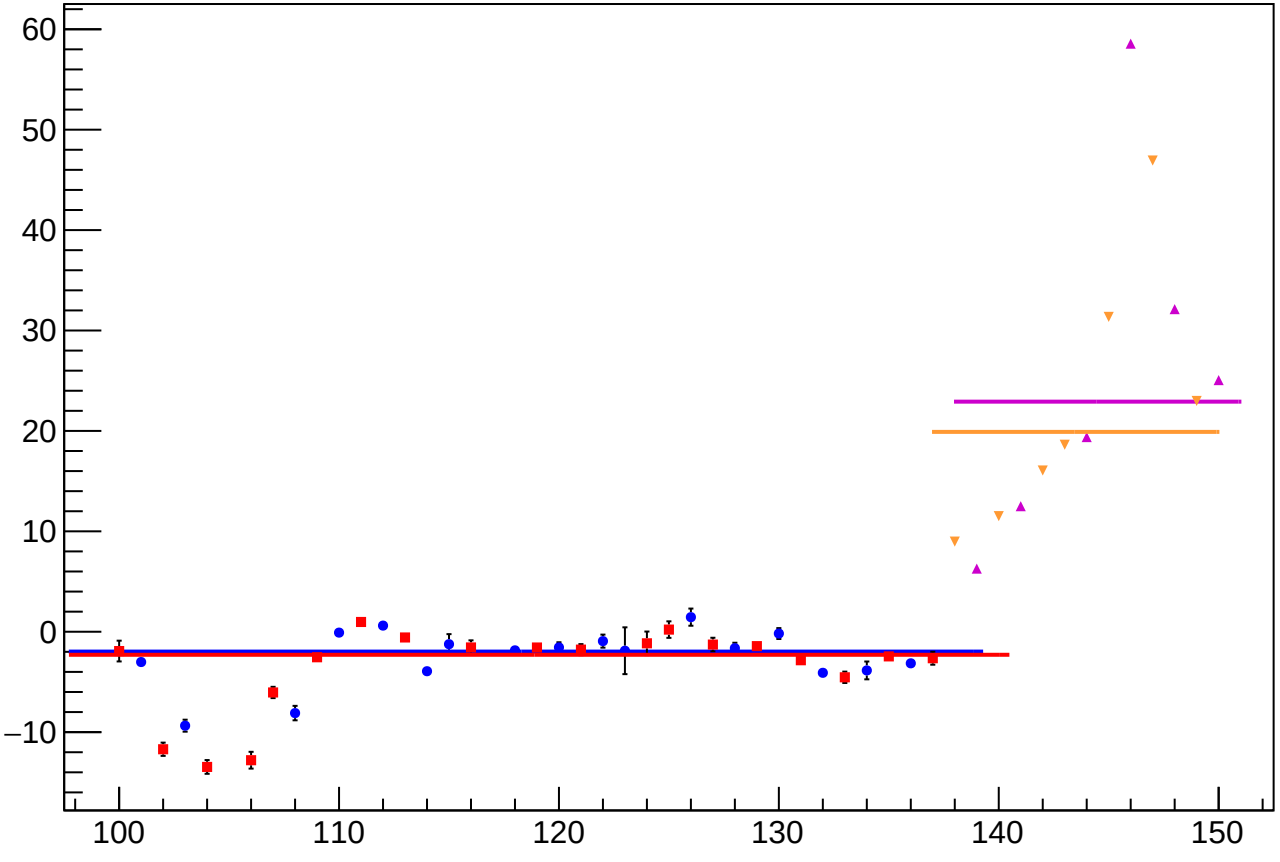
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 0.914+/-0.047 χ^2/NDF:1706.3/22

Out: 0.751+/-0.046 χ^2/NDF:1361.4/25

All: 0.831+/-0.033 χ^2/NDF: 3073.9/48

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: 19.904+/-0.105 χ^2/NDF:12115.4/6

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 22.915+/-0.103 χ^2/NDF:23644.3/5

Left: 21.446+/-0.074 χ^2/NDF: 36177.5/12

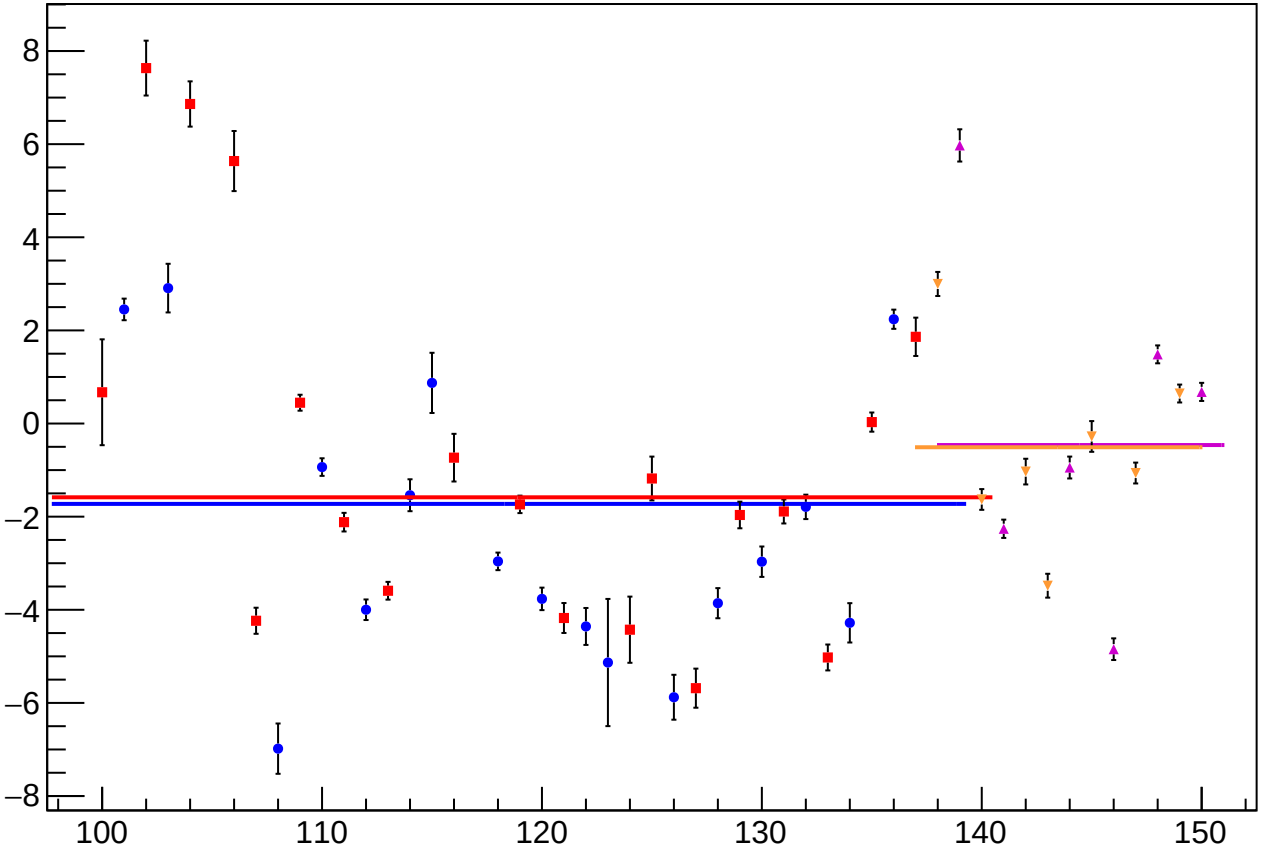
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 11.303+/-0.075 χ^2/NDF:51407.0/22

Out: 8.044+/-0.072 χ^2/NDF:36710.8/25

All: 9.603+/-0.052 χ^2/NDF: 89099.0/48

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: -0.509+/-0.091 χ^2/NDF:390.1/6

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -0.462+/-0.090 χ^2/NDF:925.5/5

Left: -0.485+/-0.064 χ^2/NDF: 1315.7/12

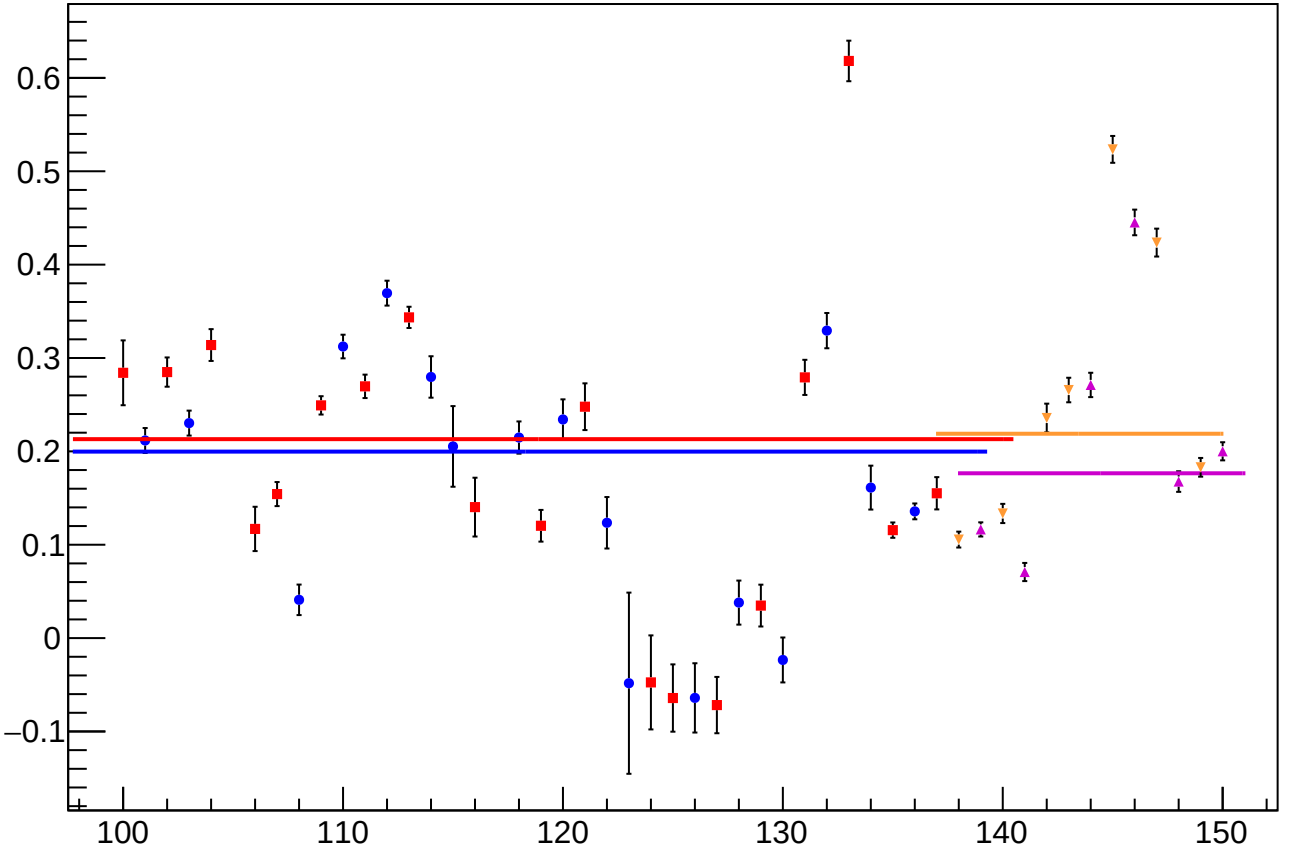
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.248+/-0.055 χ^2/NDF:2390.4/22

Out: -1.220+/-0.053 χ^2/NDF:1974.4/25

All: -1.233+/-0.038 χ^2/NDF: 4364.9/48

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.219+/-0.004 χ^2/NDF:909.2/6

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.177+/-0.004 χ^2/NDF:623.2/5

Left: 0.197+/-0.003 χ^2/NDF: 1581.8/12

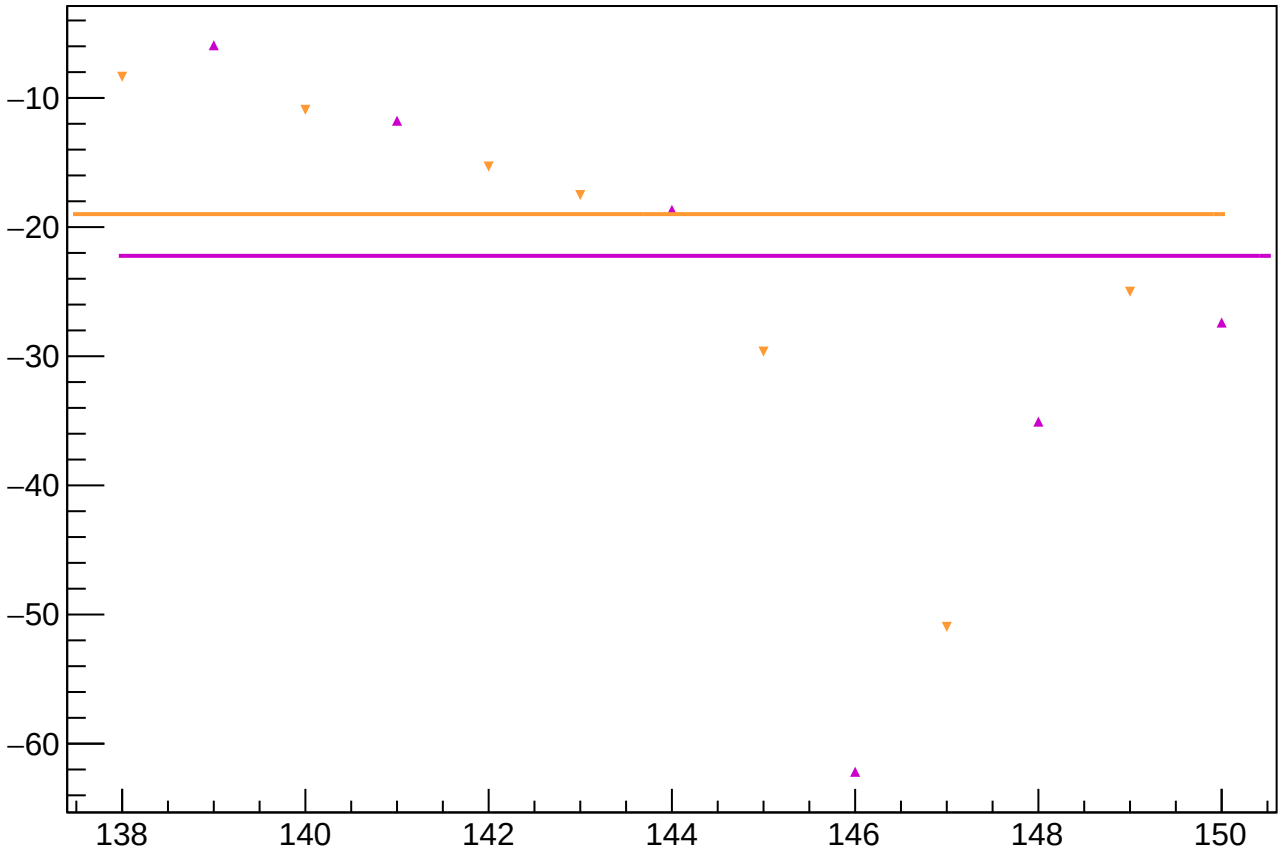
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.188+/-0.003 χ^2/NDF:1301.5/22

Out: 0.215+/-0.003 χ^2/NDF:1961.1/25

All: 0.202+/-0.002 χ^2/NDF: 3307.6/48

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: -18.994+/-0.103 χ^2/NDF:14293.5/6

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

Left In: -22.225+/-0.102 χ^2/NDF:27757.1/5

Left: -20.621+/-0.072 χ^2/NDF: 42548.6/12

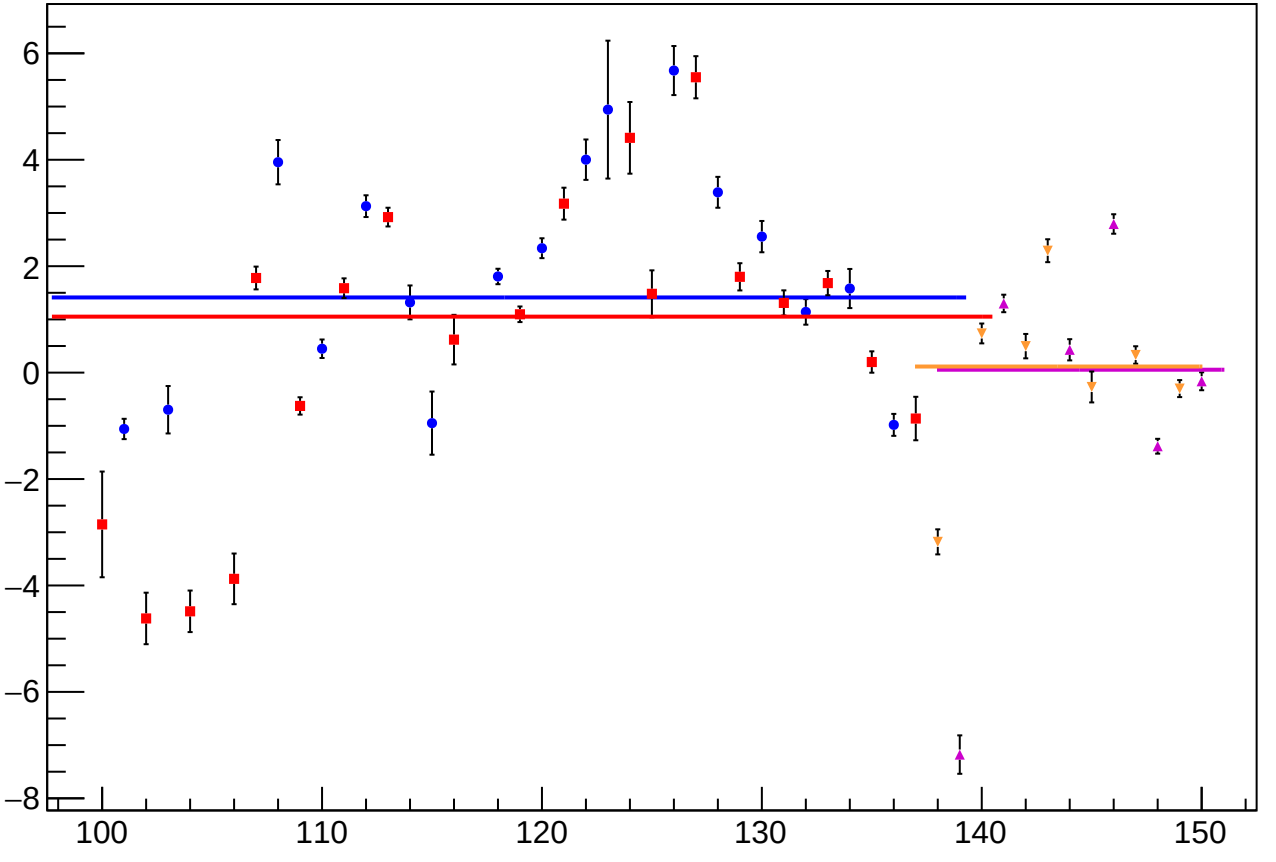
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.225+/-0.102 χ^2/NDF:27757.1/5

Out: -18.994+/-0.103 χ^2/NDF:14293.5/6

All: -20.621+/-0.072 χ^2/NDF: 42548.6/12

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: 0.114+/-0.075 χ^2/NDF:322.1/6

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.054+/-0.073 χ^2/NDF:793.9/5

Left: 0.084+/-0.053 χ^2/NDF: 1116.3/12

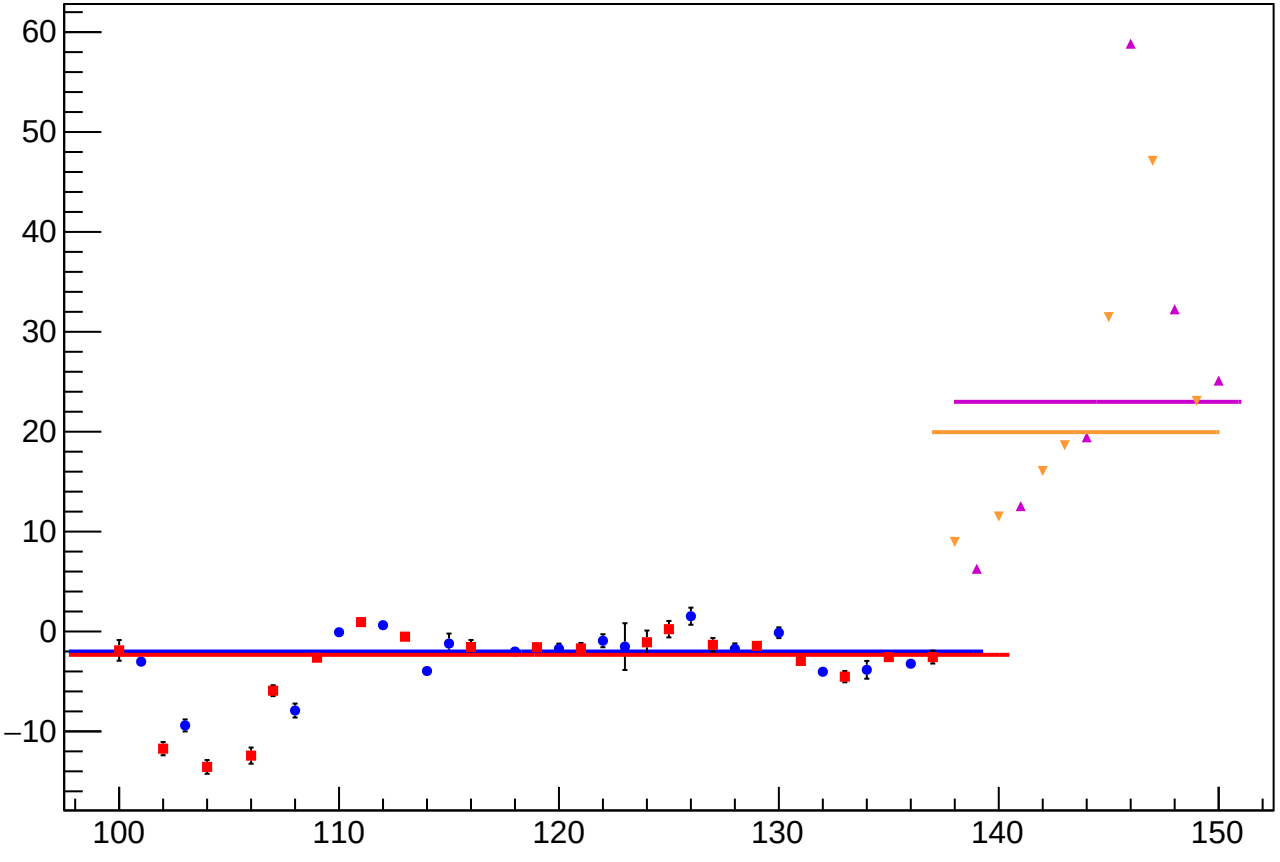
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 0.856+/-0.047 χ^2/NDF:1710.6/22

Out: 0.703+/-0.046 χ^2/NDF:1382.3/25

All: 0.778+/-0.033 χ^2/NDF: 3098.3/48

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: 19.955+/-0.106 χ^2/NDF:12128.5/6

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 22.991+/-0.103 χ^2/NDF:23674.7/5

Left: 21.509+/-0.074 χ^2/NDF: 36224.4/12

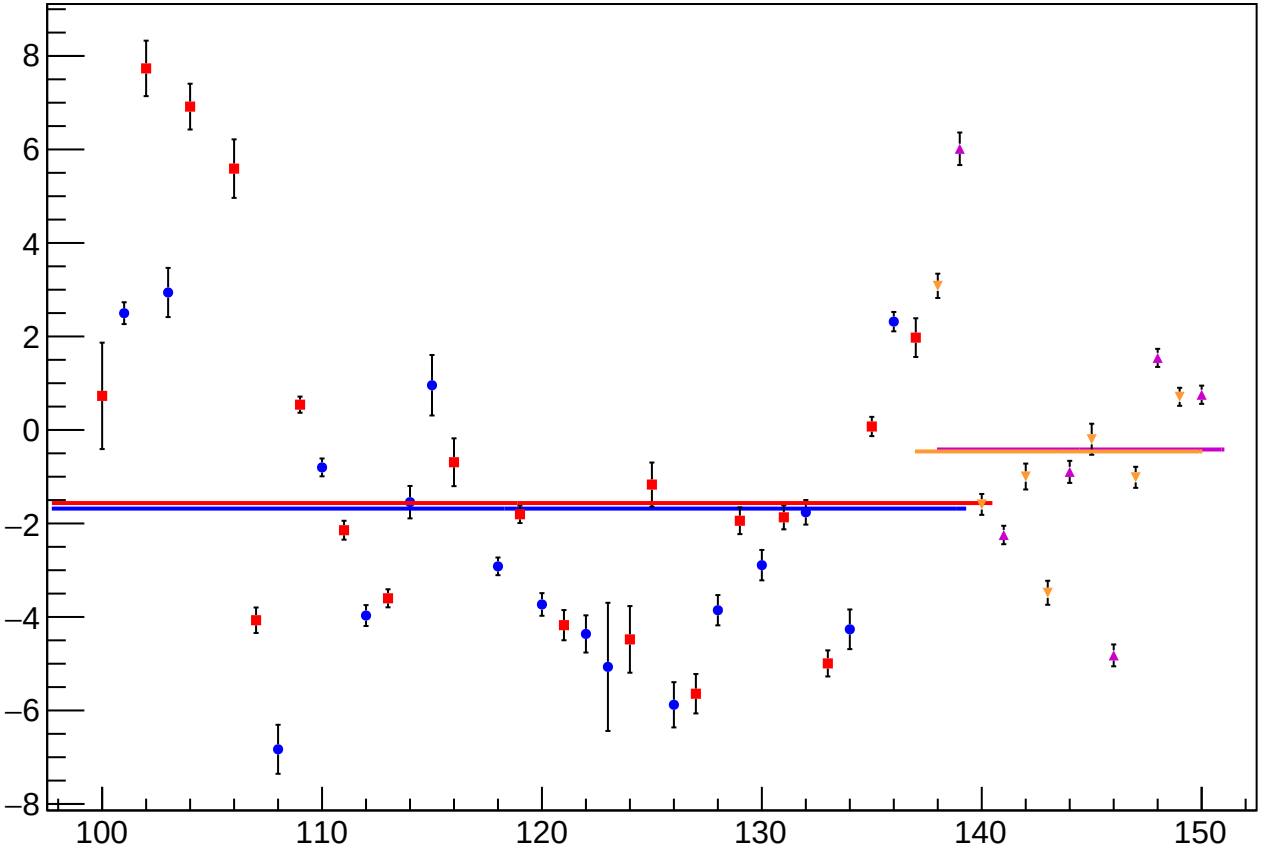
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 11.342+/-0.076 χ^2/NDF:51404.7/22

Out: 8.054+/-0.072 χ^2/NDF:36702.8/25

All: 9.626+/-0.052 χ^2/NDF: 89097.0/48

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: -0.460+/-0.092 χ^2/NDF:396.8/6

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -0.418+/-0.090 χ^2/NDF:925.8/5

Left: -0.438+/-0.064 χ^2/NDF: 1322.8/12

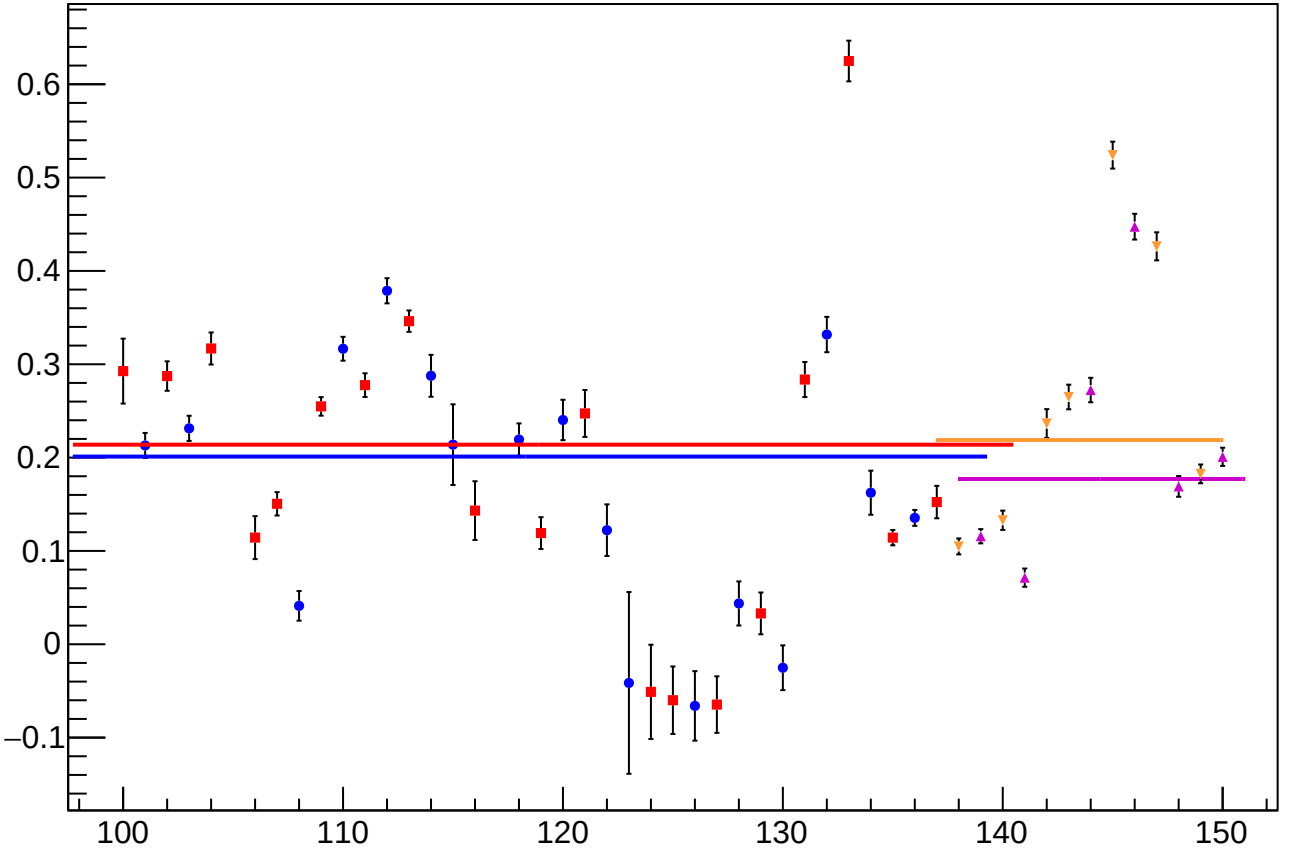
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.203+/-0.055 χ^2/NDF:2396.1/22

Out: -1.190+/-0.053 χ^2/NDF:1997.3/25

All: -1.196+/-0.038 χ^2/NDF: 4393.4/48

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.219+/-0.004 χ^2/NDF:910.6/6

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.177+/-0.004 χ^2/NDF:625.5/5

Left: 0.197+/-0.003 χ^2/NDF: 1583.6/12

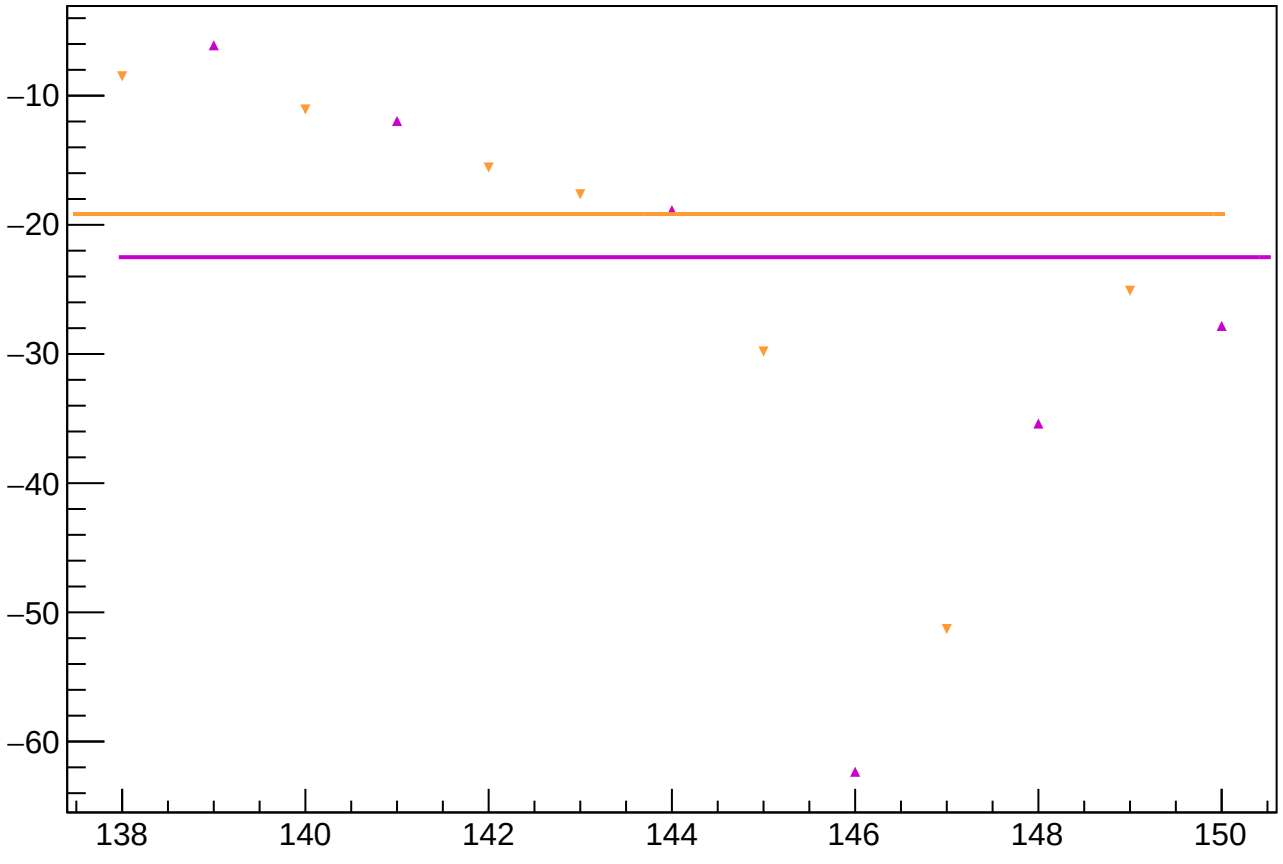
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.189+/-0.003 χ^2/NDF:1333.5/22

Out: 0.216+/-0.003 χ^2/NDF:1994.5/25

All: 0.203+/-0.002 χ^2/NDF: 3371.0/48

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: -19.164+/-0.104 χ^2/NDF:14149.0/6

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

Left In: -22.504+/-0.103 χ^2/NDF:27383.4/5

Left: -20.842+/-0.073 χ^2/NDF: 42054.2/12

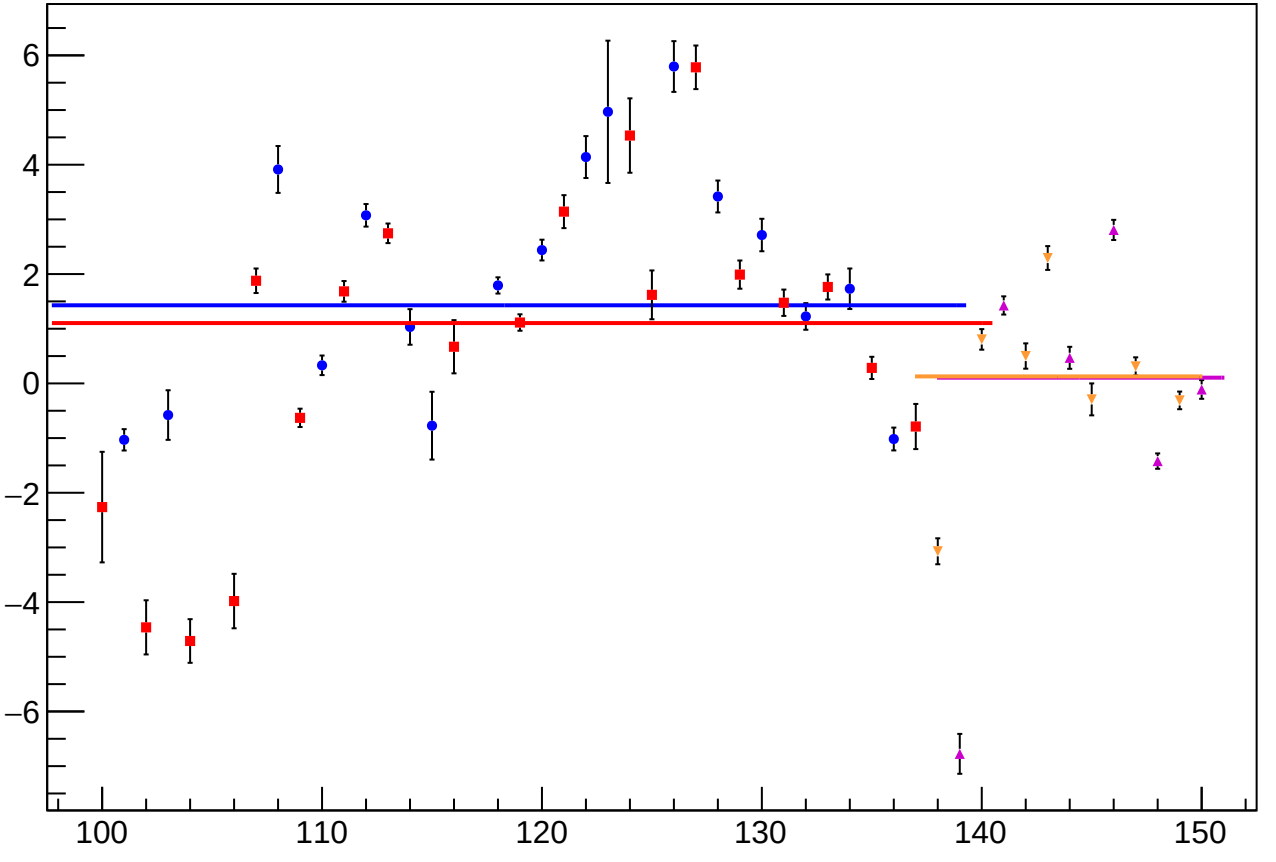
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.504+/-0.103 χ^2/NDF:27383.4/5

Out: -19.164+/-0.104 χ^2/NDF:14149.0/6

All: -20.842+/-0.073 χ^2/NDF: 42054.2/12

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 0.128+/-0.076 χ^2/NDF:306.6/6

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.105+/-0.074 χ^2/NDF:755.9/5

Left: 0.116+/-0.053 χ^2/NDF: 1062.6/12

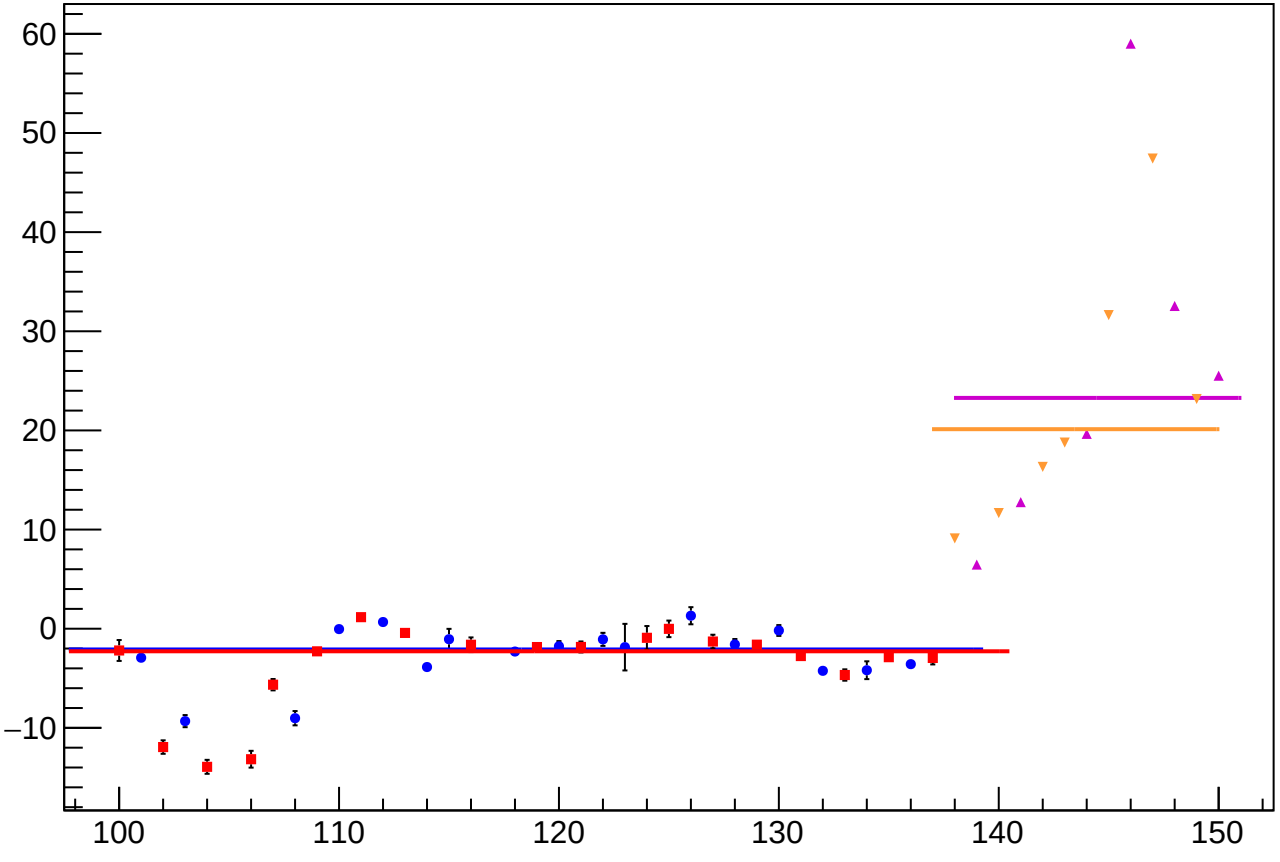
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 0.882+/-0.048 χ^2/NDF:1654.8/22

Out: 0.735+/-0.047 χ^2/NDF:1345.3/25

All: 0.807+/-0.033 χ^2/NDF: 3004.9/48

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: 20.125+/-0.107 χ^2/NDF:12004.7/6

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 23.280+/-0.104 χ^2/NDF:23320.6/5

Left: 21.737+/-0.075 χ^2/NDF: 35770.9/12

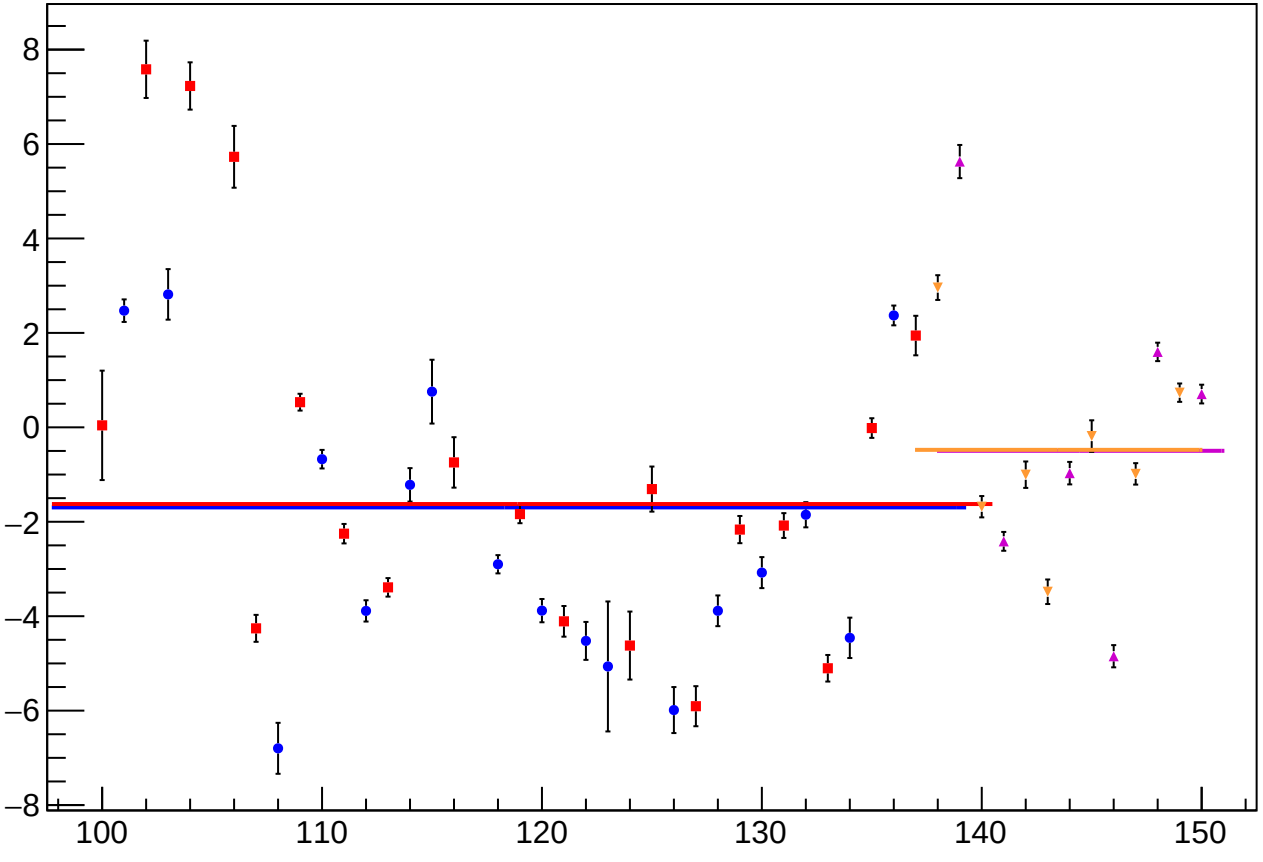
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 11.540+/-0.077 χ^2/NDF:51096.2/22

Out: 8.298+/-0.073 χ^2/NDF:36144.6/25

All: 9.850+/-0.053 χ^2/NDF: 88175.0/48

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.477+/-0.093 χ^2/NDF:382.2/6

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -0.497+/-0.091 χ^2/NDF:893.8/5

Left: -0.487+/-0.065 χ^2/NDF: 1276.1/12

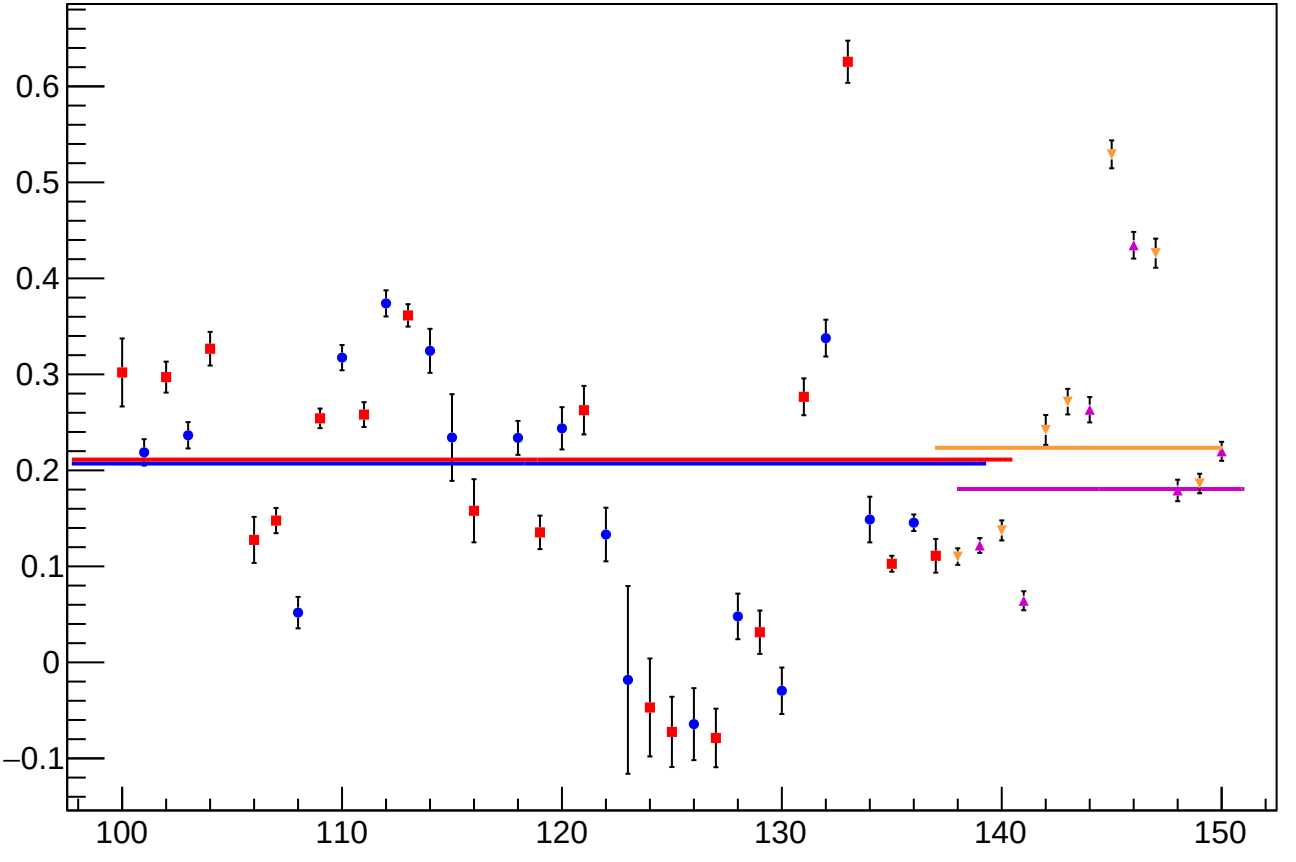
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.238+/-0.056 χ^2/NDF:2334.3/22

Out: -1.230+/-0.054 χ^2/NDF:1950.4/25

All: -1.234+/-0.039 χ^2/NDF: 4284.7/48

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.224+/-0.004 χ^2/NDF:889.2/6

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.181+/-0.004 χ^2/NDF:586.4/5

Left: 0.201+/-0.003 χ^2/NDF: 1525.0/12

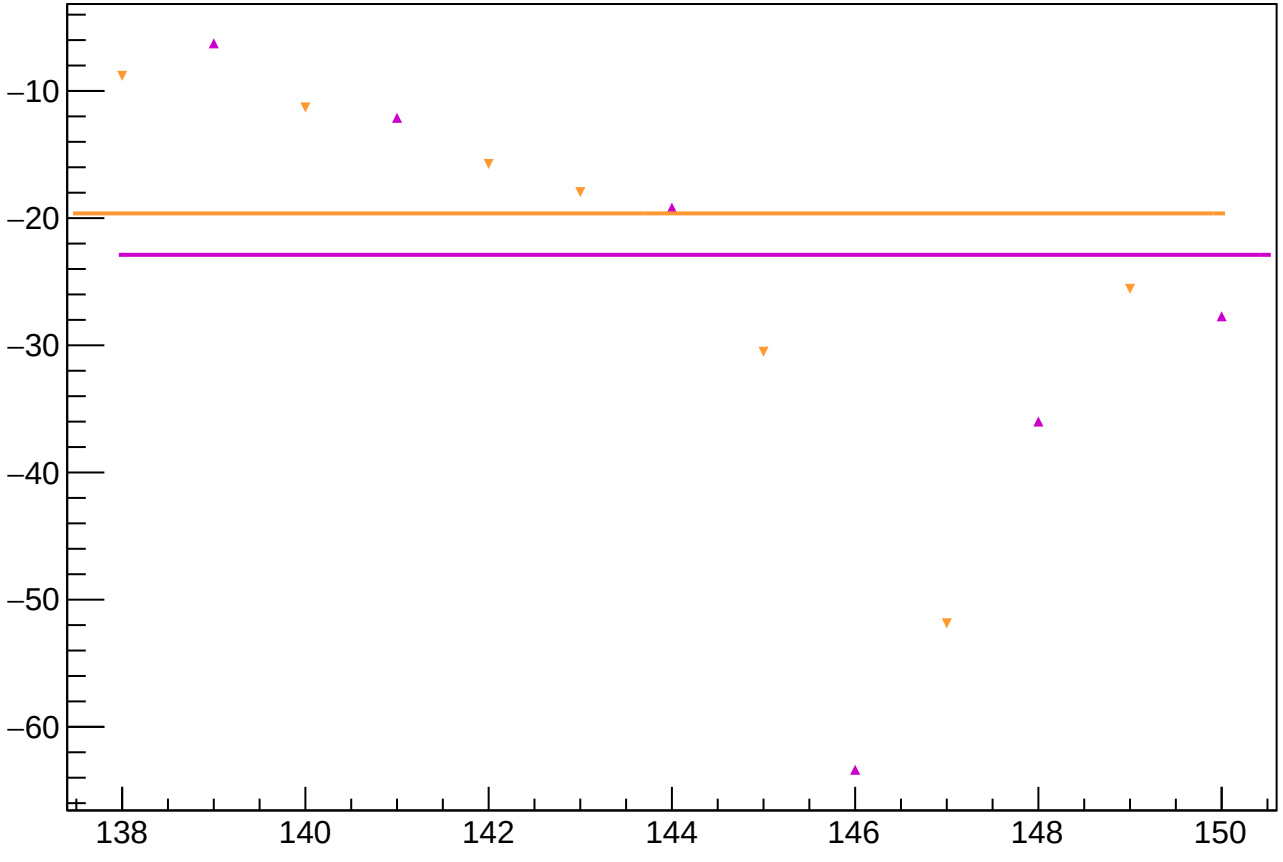
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.194+/-0.003 χ^2/NDF:1262.6/22

Out: 0.216+/-0.003 χ^2/NDF:2039.3/25

All: 0.206+/-0.002 χ^2/NDF: 3331.6/48

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: -19.627+/-0.106 χ^2/NDF:13930.0/6

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

Left In: -22.884+/-0.105 χ^2/NDF:27217.4/5

Left: -21.271+/-0.074 χ^2/NDF: 41626.1/12

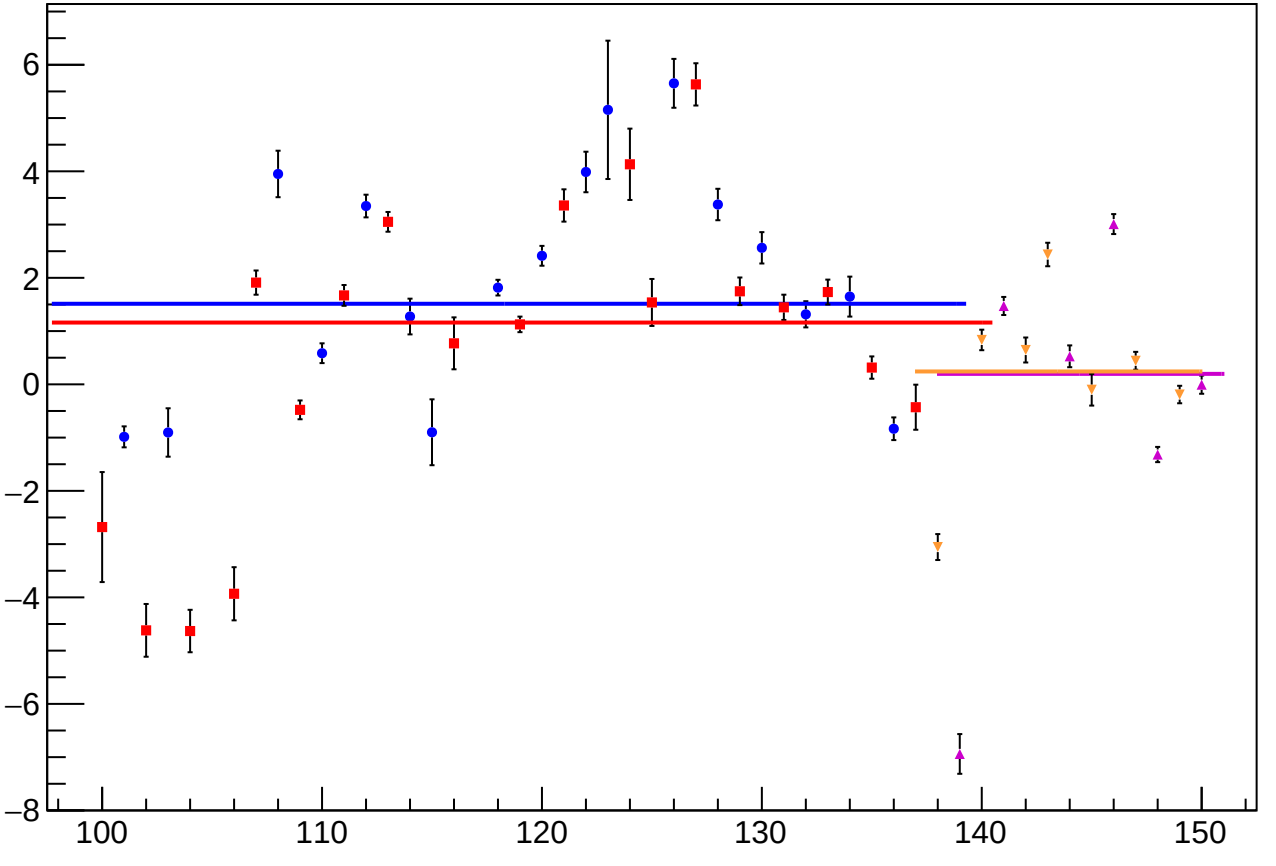
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.884+/-0.105 χ^2/NDF:27217.4/5

Out: -19.627+/-0.106 χ^2/NDF:13930.0/6

All: -21.271+/-0.074 χ^2/NDF: 41626.1/12

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: 0.242+/-0.077 χ^2/NDF:304.5/6

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 0.197+/-0.075 χ^2/NDF:764.1/5

Left: 0.219+/-0.054 χ^2/NDF: 1068.8/12

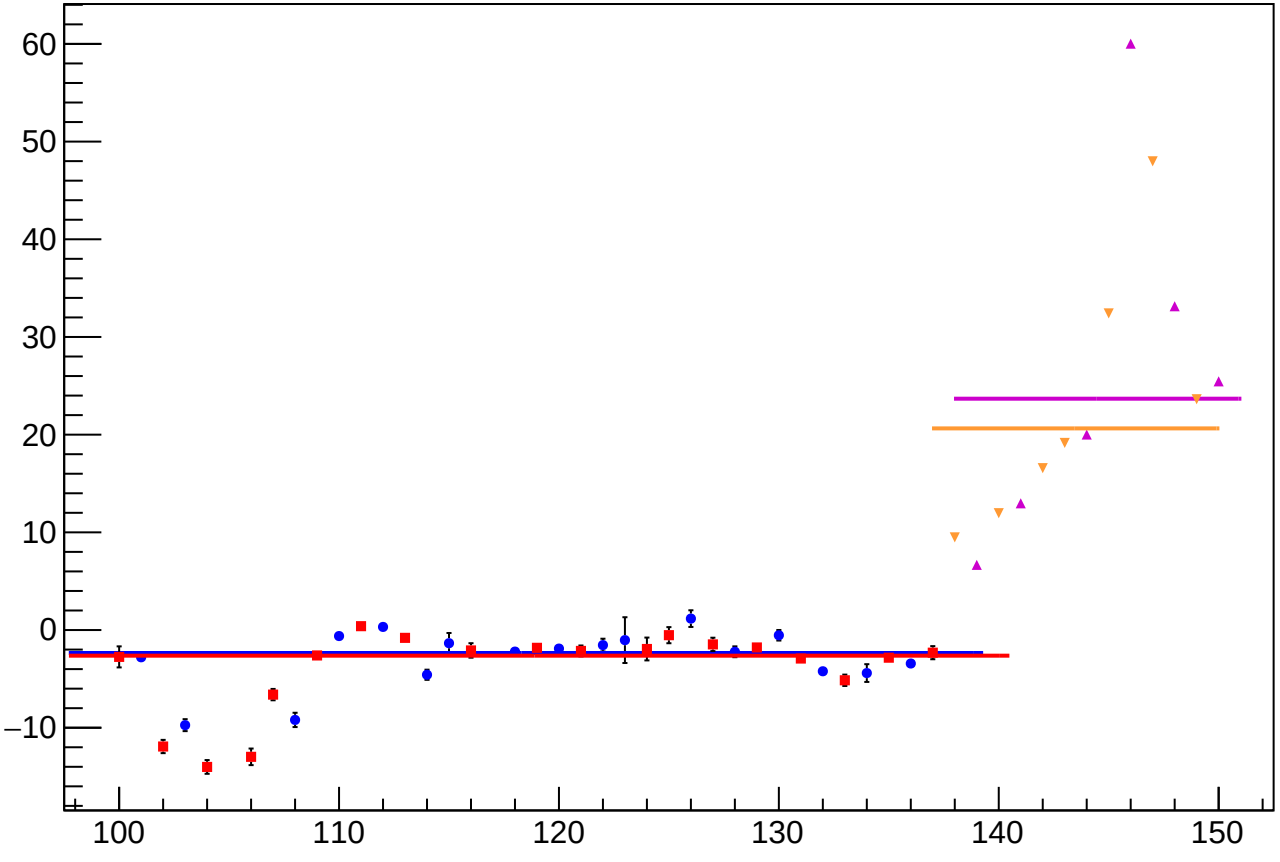
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 0.972+/-0.048 χ^2/NDF:1614.8/22

Out: 0.815+/-0.047 χ^2/NDF:1309.3/25

All: 0.893+/-0.034 χ^2/NDF: 2929.5/48

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: 20.641+/-0.109 χ^2/NDF:11791.0/6

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 23.682+/-0.106 χ^2/NDF:23194.3/5

Left: 22.202+/-0.076 χ^2/NDF: 35385.2/12

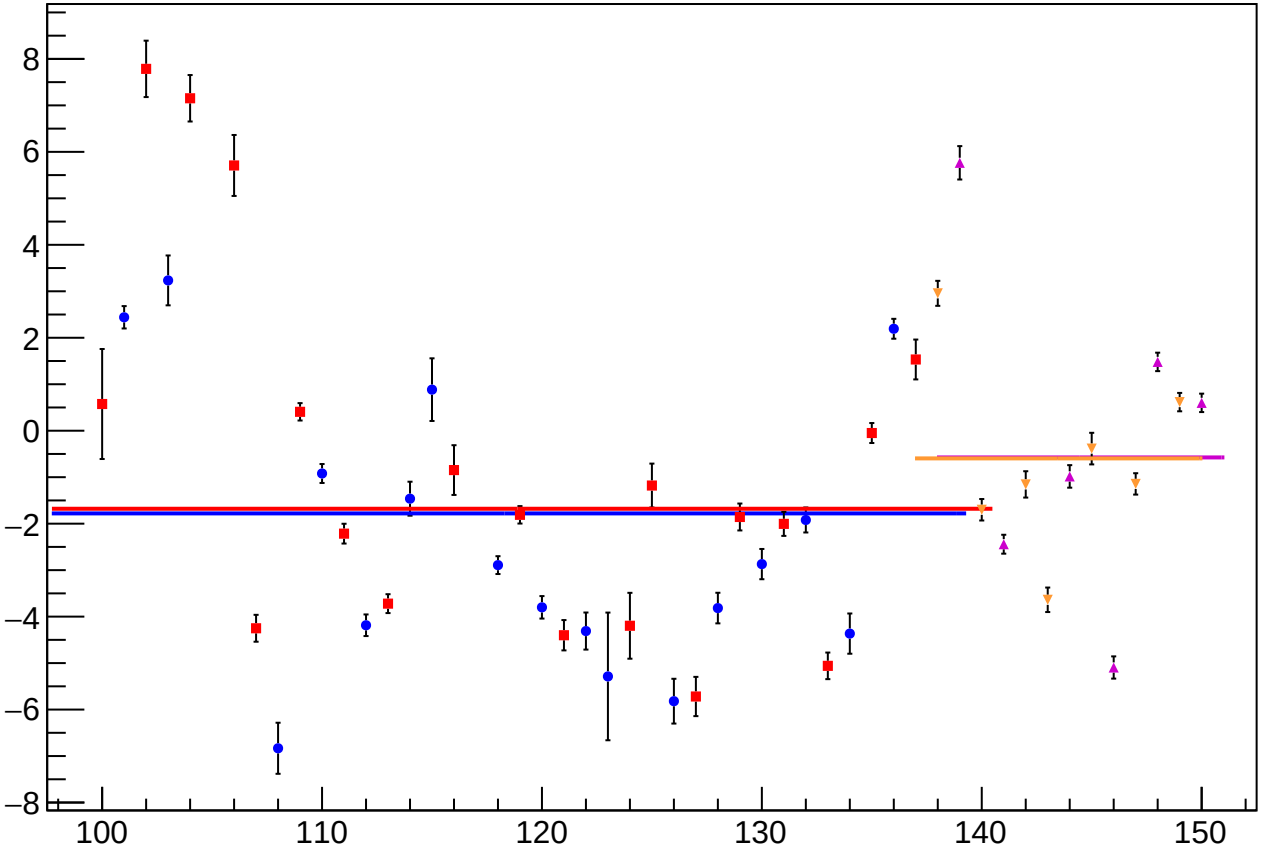
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 11.636+/-0.078 χ^2/NDF:51501.0/22

Out: 8.384+/-0.075 χ^2/NDF:36664.1/25

All: 9.950+/-0.054 χ^2/NDF: 89071.8/48

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: -0.596+/-0.094 χ^2/NDF:378.0/6

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -0.575+/-0.092 χ^2/NDF:898.1/5

Left: -0.585+/-0.066 χ^2/NDF: 1276.1/12

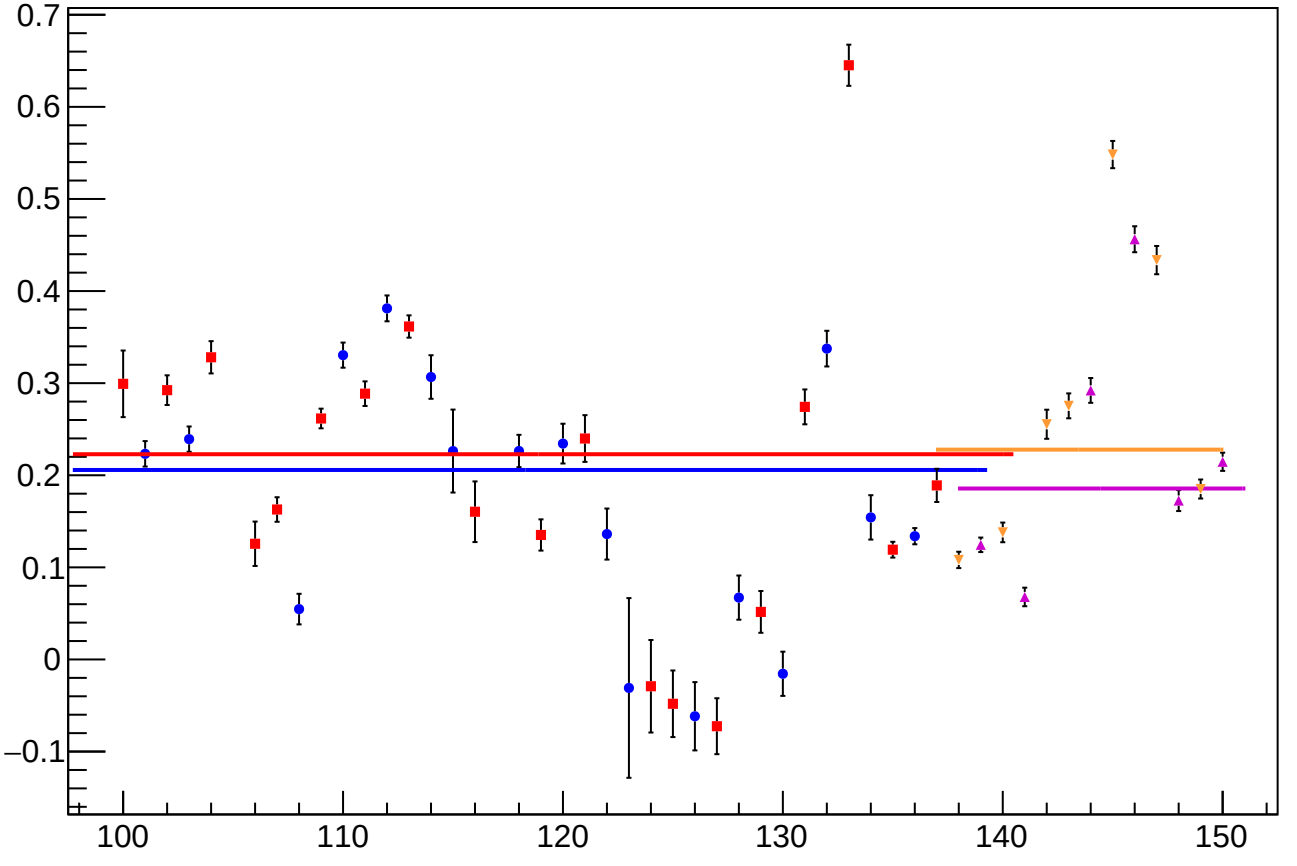
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.322+/-0.057 χ^2/NDF:2275.6/22

Out: -1.308+/-0.055 χ^2/NDF:1894.5/25

All: -1.315+/-0.040 χ^2/NDF: 4170.1/48

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.228+/-0.005 χ^2/NDF:934.2/6

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.186+/-0.004 χ^2/NDF:637.8/5

Left: 0.206+/-0.003 χ^2/NDF: 1618.0/12

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.196+/-0.003 χ^2/NDF:1300.7/22

Out: 0.225+/-0.003 χ^2/NDF:1977.0/25

All: 0.211+/-0.002 χ^2/NDF: 3326.0/48