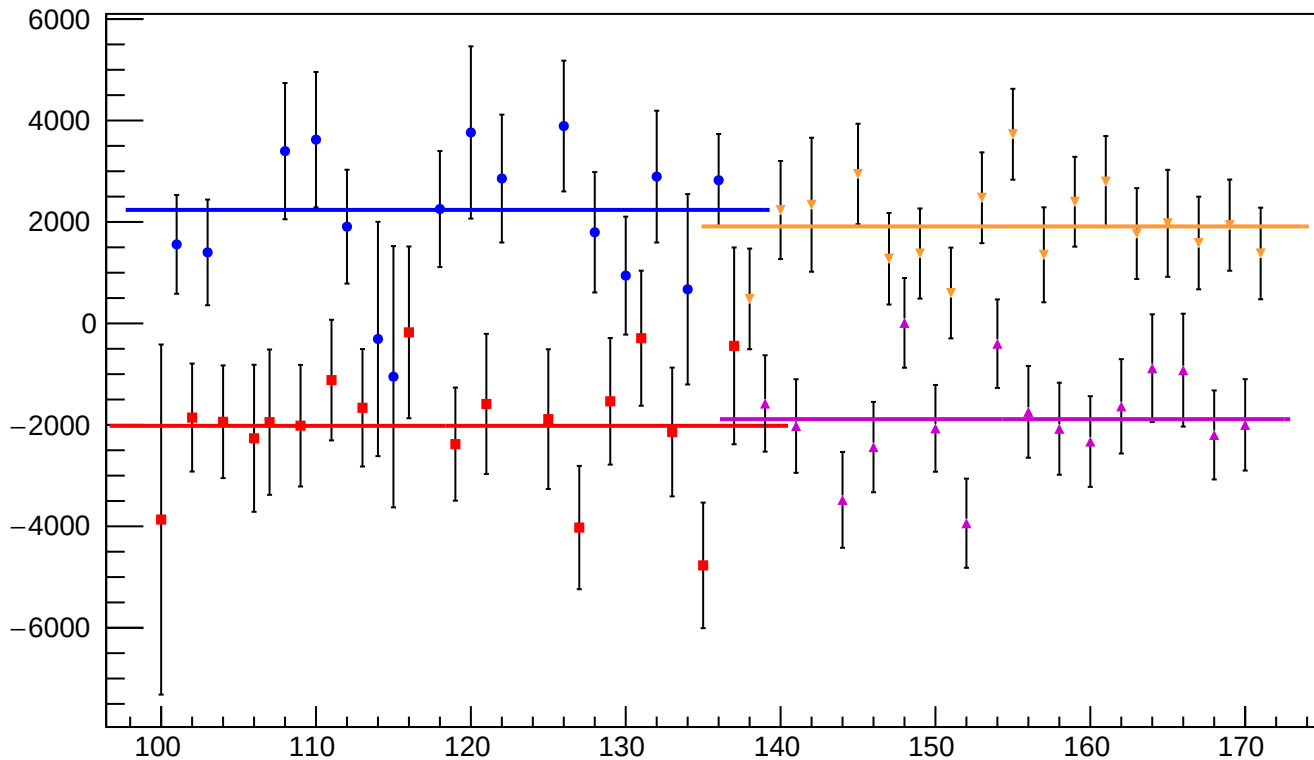


dit_asym_us_avg_mean vs Slug



Right In: 2237.929 $\pm$ 314.642

χ^2/NDF : 11.3/15

+ sign 2023.827 $\pm$ 184.156

χ^2/NDF : 25.1/32

Left Out: 1912.269 $\pm$ 227.121

χ^2/NDF : 13.0/16

All: 44.422 $\pm$ 130.200

χ^2/NDF : 287.3/66

Right Out: -2018.625 $\pm$ 308.362

χ^2/NDF : 12.6/17

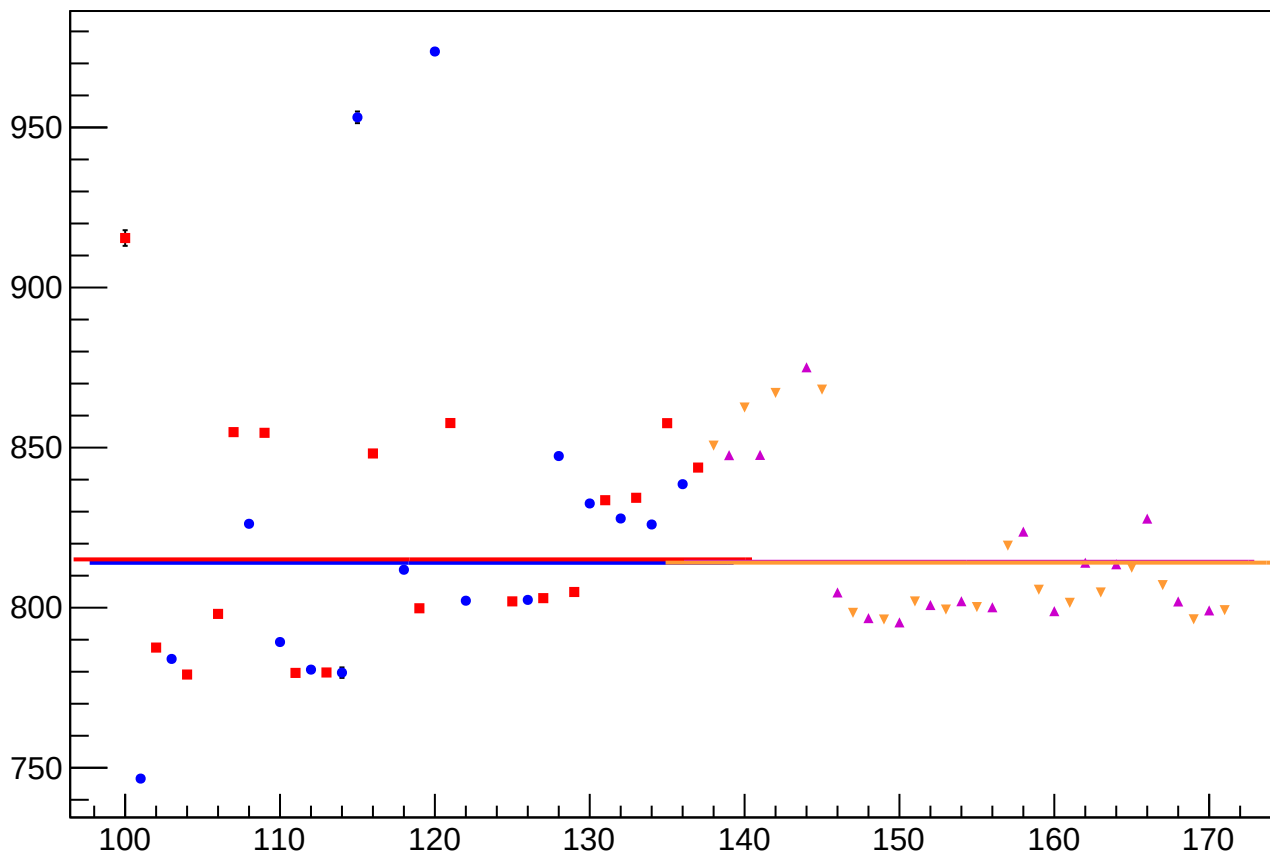
- sign -1933.907 $\pm$ 184.106

χ^2/NDF : 31.2/33

Left In: -1886.981 $\pm$ 229.498

χ^2/NDF : 18.5/15

dit_asym_us_avg_rms vs Slug



Right In: 814.021 $\pm$ 0.222 χ^2 /NDF: 42041.6/15

Left Out: 814.071 $\pm$ 0.161 χ^2 /NDF: 21992.7/16

Right Out: 815.084 $\pm$ 0.218 χ^2 /NDF: 19959.3/17

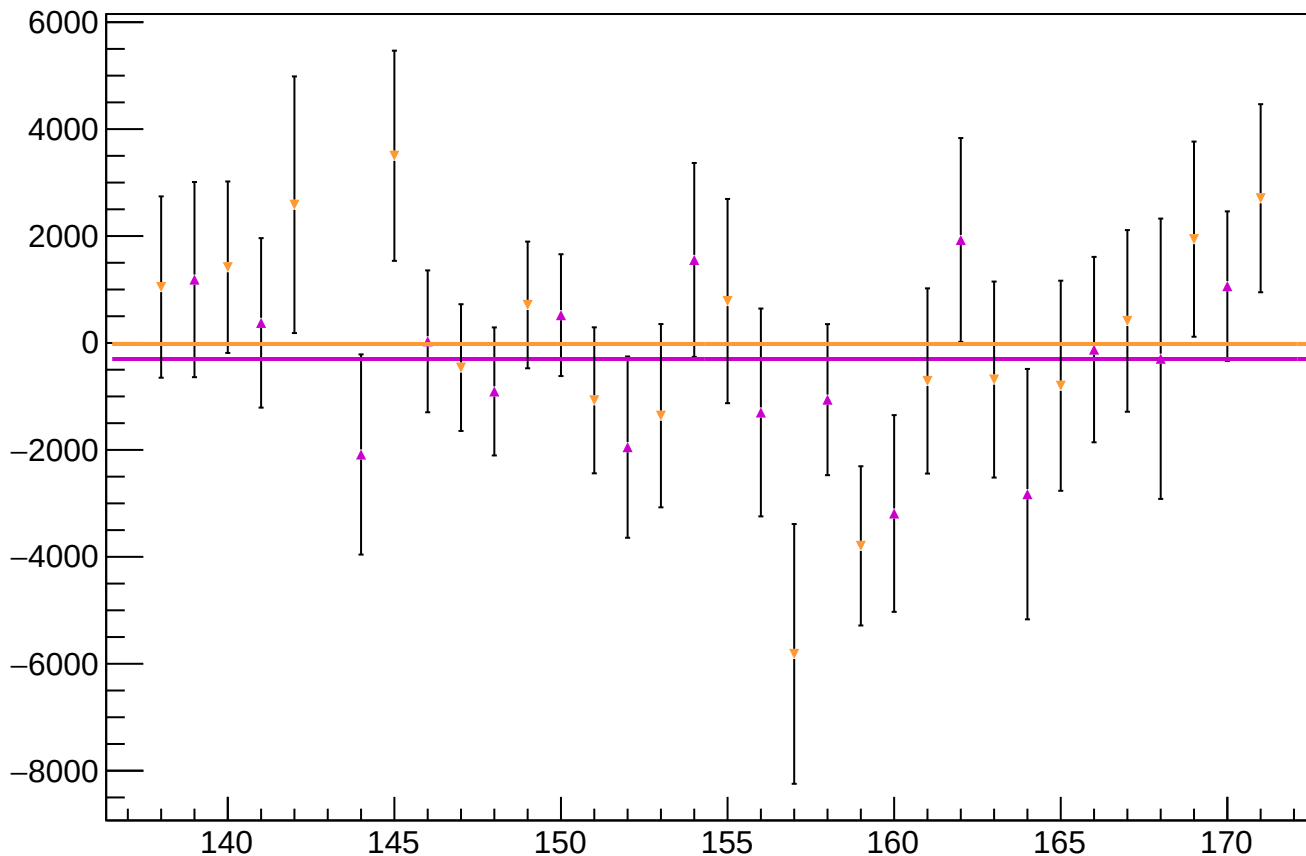
Left In: 814.337 $\pm$ 0.162 χ^2 /NDF: 18785.8/15

+ sign 814.054 $\pm$ 0.130 χ^2 /NDF: 64034.4/32

All: 814.329 $\pm$ 0.092 χ^2 /NDF: 102795.9/66

- sign 814.603 $\pm$ 0.130 χ^2 /NDF: 38752.6/33

asym_us_avg_correction_mean vs Slug



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

Left Out: -18.931+/-400.796 χ^2/NDF :23.7/16

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

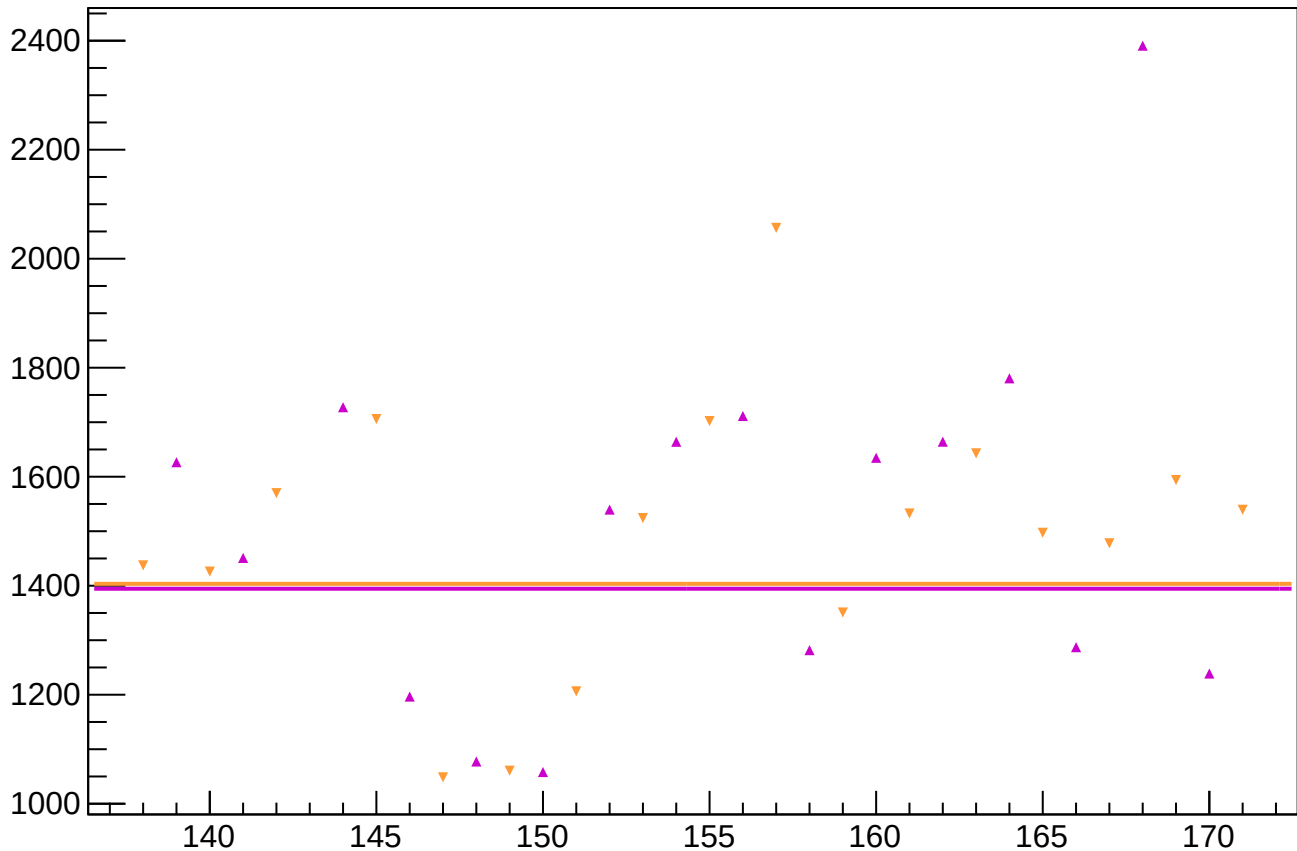
Left In: -299.759+/-402.249 χ^2/NDF :11.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.837+/-283.918 χ^2/NDF : 35.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_correction_rms vs Slug



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

Left Out: 1403.484+/-0.283 χ^2/NDF : 740134.5/16

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

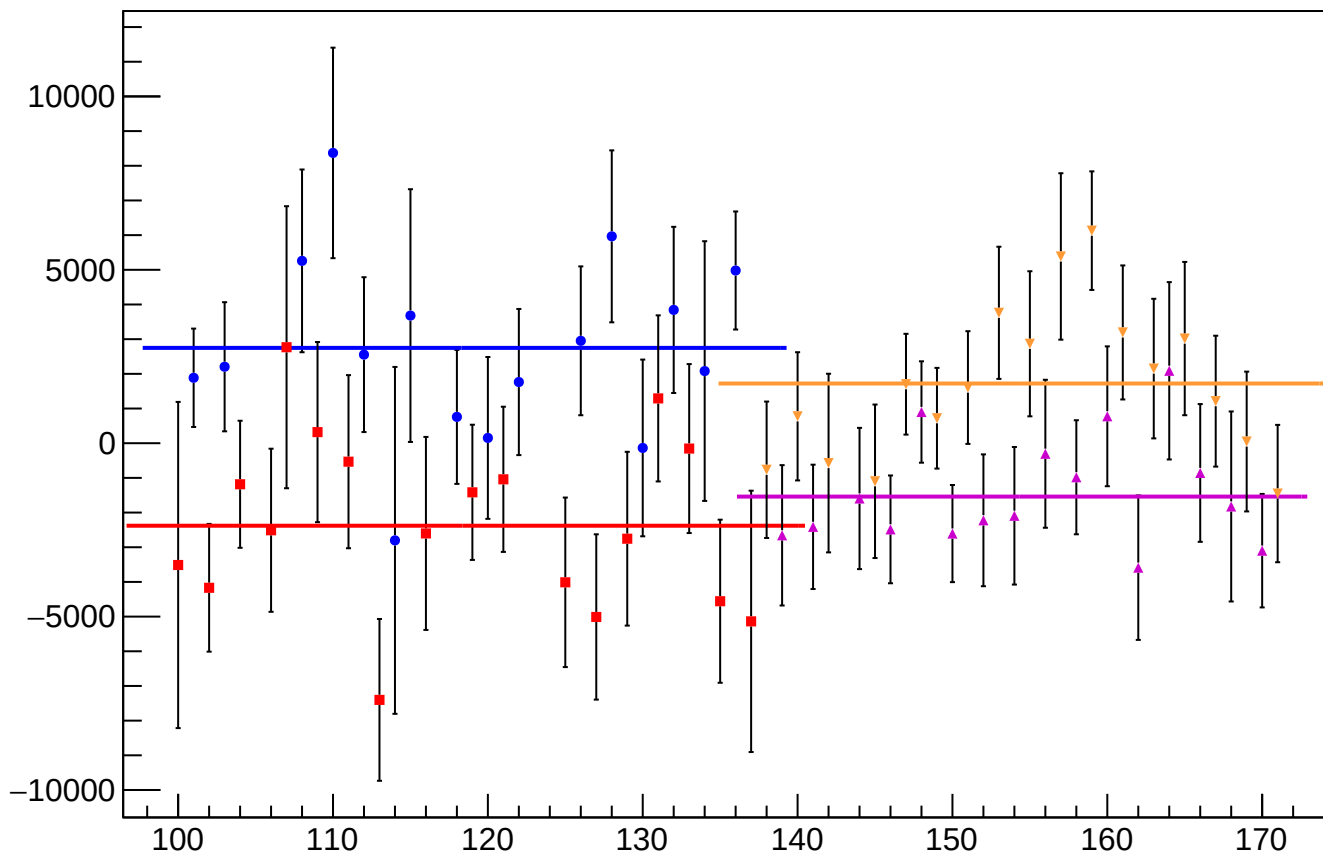
Left In: 1394.466+/-0.284 χ^2/NDF : 1031827.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.992+/-0.201 χ^2/NDF : 1772466.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

Left Out: 1721.323 $\pm$ 458.664 χ^2 /NDF:19.5/16

Right Out: -2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

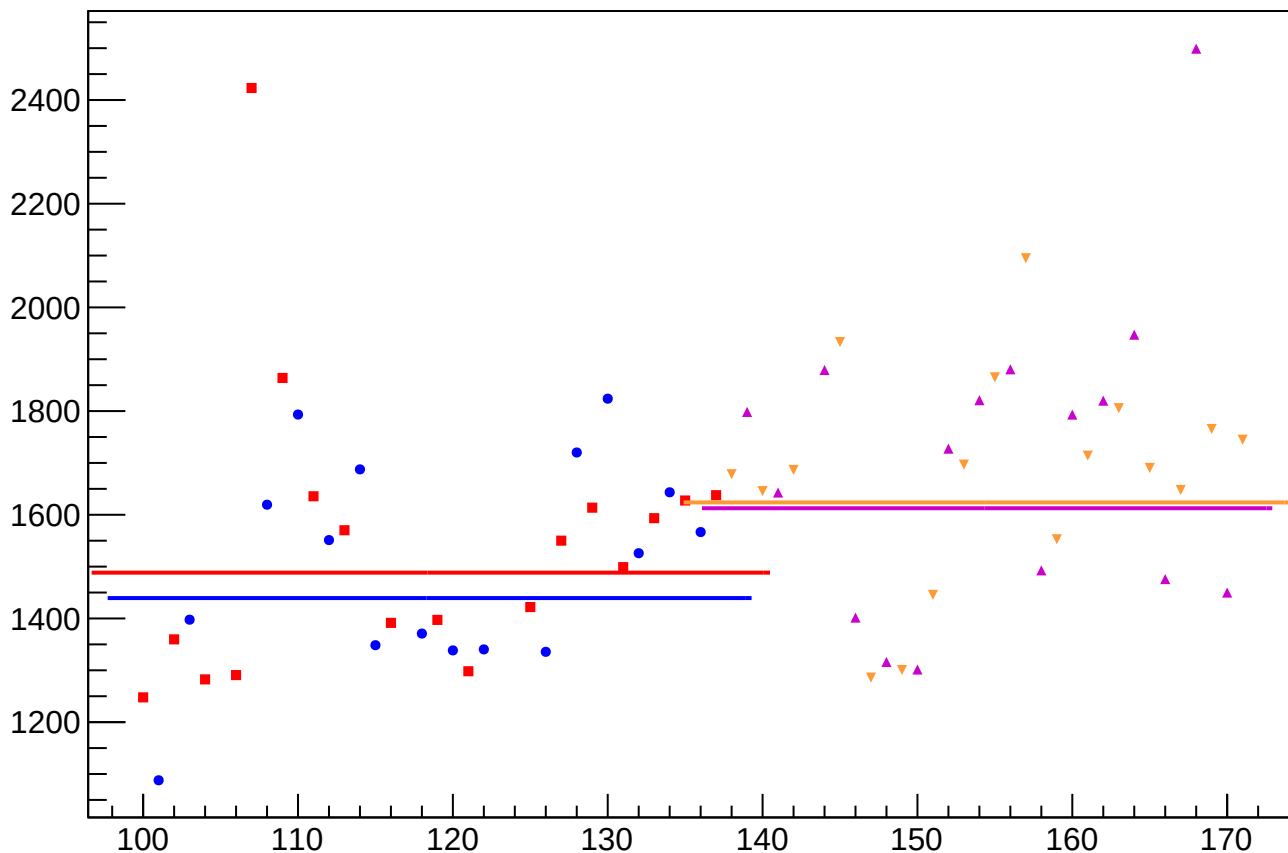
Left In: -1539.216 $\pm$ 461.348 χ^2 /NDF:10.3/15

+ sign 2131.255 $\pm$ 355.582 χ^2 /NDF: 35.0/32

All: 144.877 $\pm$ 252.406 χ^2 /NDF: 125.7/66

- sign -1872.515 $\pm$ 358.347 χ^2 /NDF: 27.8/33

asym_us_avg_rms vs Slug



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

Left Out: 1623.817+/-0.324 χ^2/NDF : 423654.7/16

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

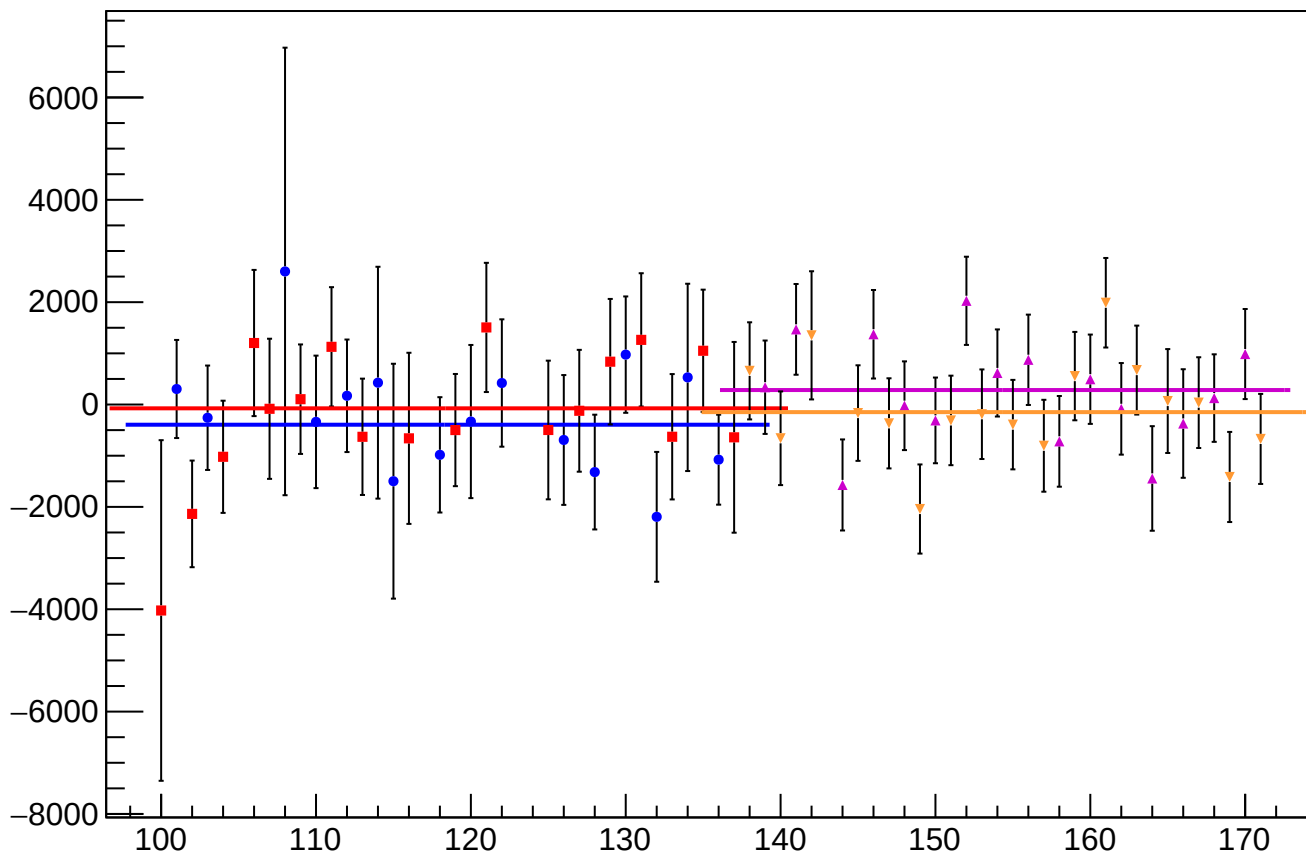
Left In: 1612.594+/-0.326 χ^2/NDF : 649758.9/15

+ sign 1550.211+/-0.251 χ^2/NDF : 830611.0/32

All: 1556.716+/-0.178 χ^2/NDF : 1795551.3/60

- sign 1563.323+/-0.253 χ^2/NDF : 963591.1/33

dit_asym_us_dd_mean vs Slug



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

Left Out: -148.287 ± 220.019 χ^2/NDF : 17.9/16

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

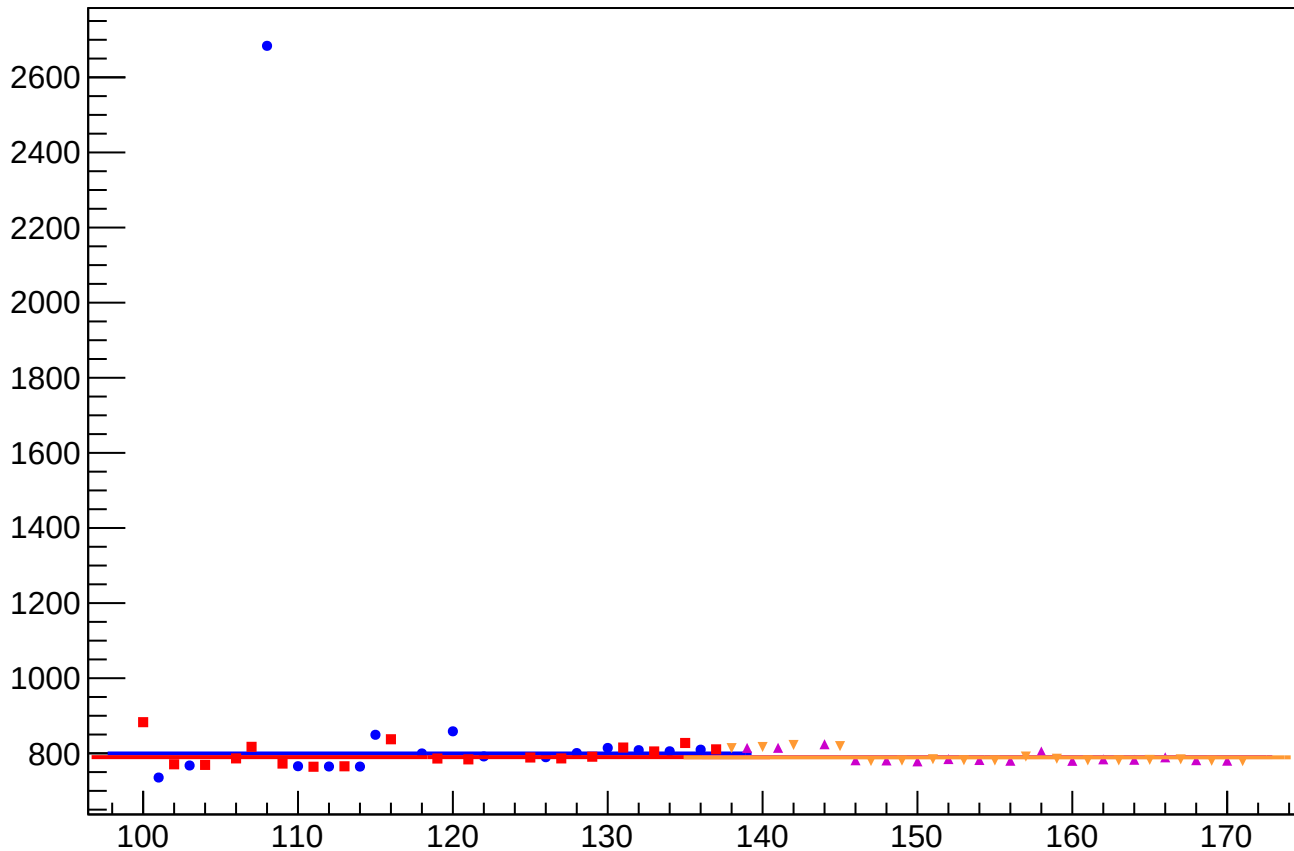
Left In: 283.162 ± 222.589 χ^2/NDF : 18.5/15

+ sign -229.606 ± 180.031 χ^2/NDF : 25.8/32

All: -35.385 ± 126.727 χ^2/NDF : 60.4/66

- sign 155.371 ± 178.418 χ^2/NDF : 32.3/33

dit_asym_us_dd_rms vs Slug



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

Left Out: 789.291 $\pm$ 0.156 χ^2 /NDF: 8501.4/16

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

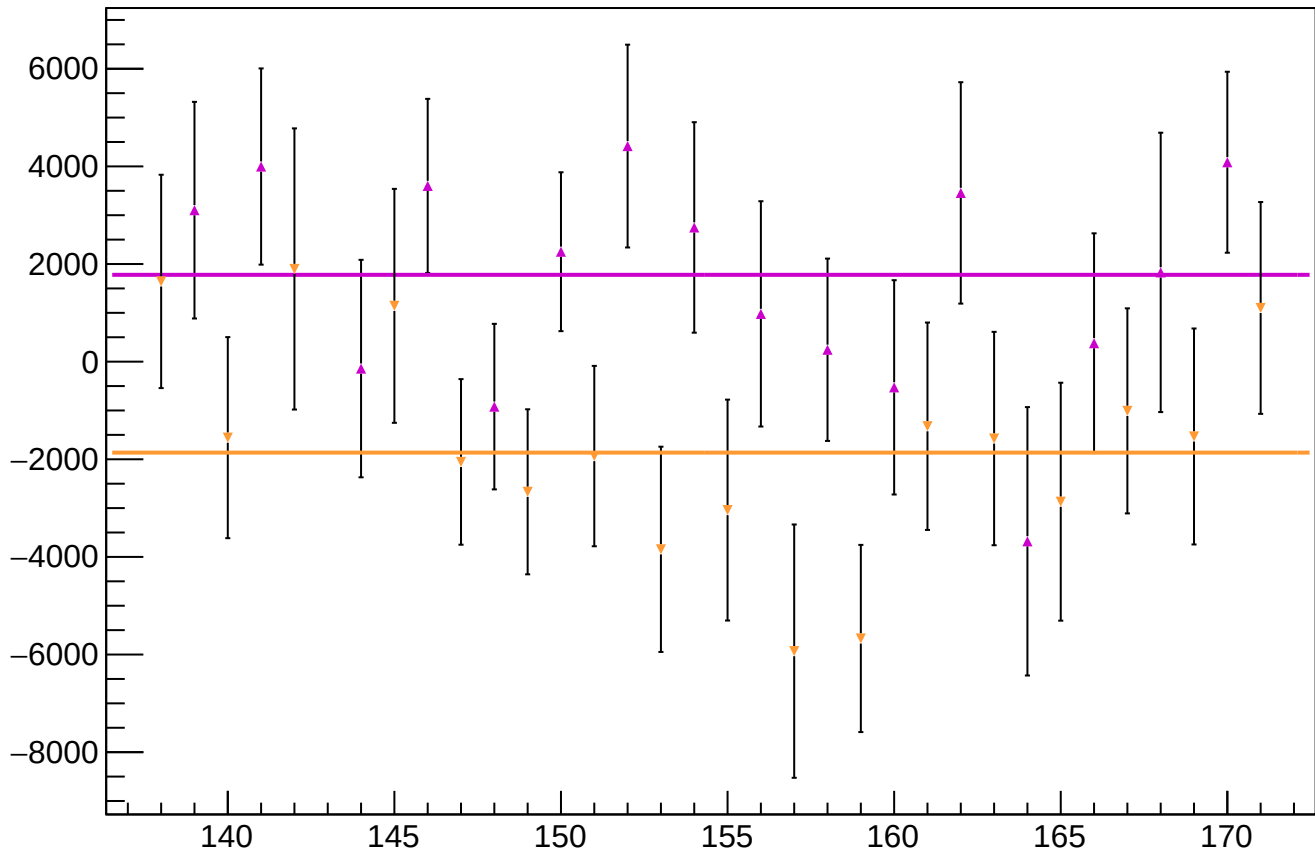
Left In: 790.103 $\pm$ 0.157 χ^2 /NDF: 8622.2/15

+ sign 792.677 $\pm$ 0.127 χ^2 /NDF: 401120.7/32

All: 791.323 $\pm$ 0.090 χ^2 /NDF: 421143.5/66

- sign 789.992 $\pm$ 0.126 χ^2 /NDF: 19798.5/33

asym_us_dd_correction_mean vs Slug



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

Left Out: -1863.436+/-511.967 χ^2/NDF : 16.0/16

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

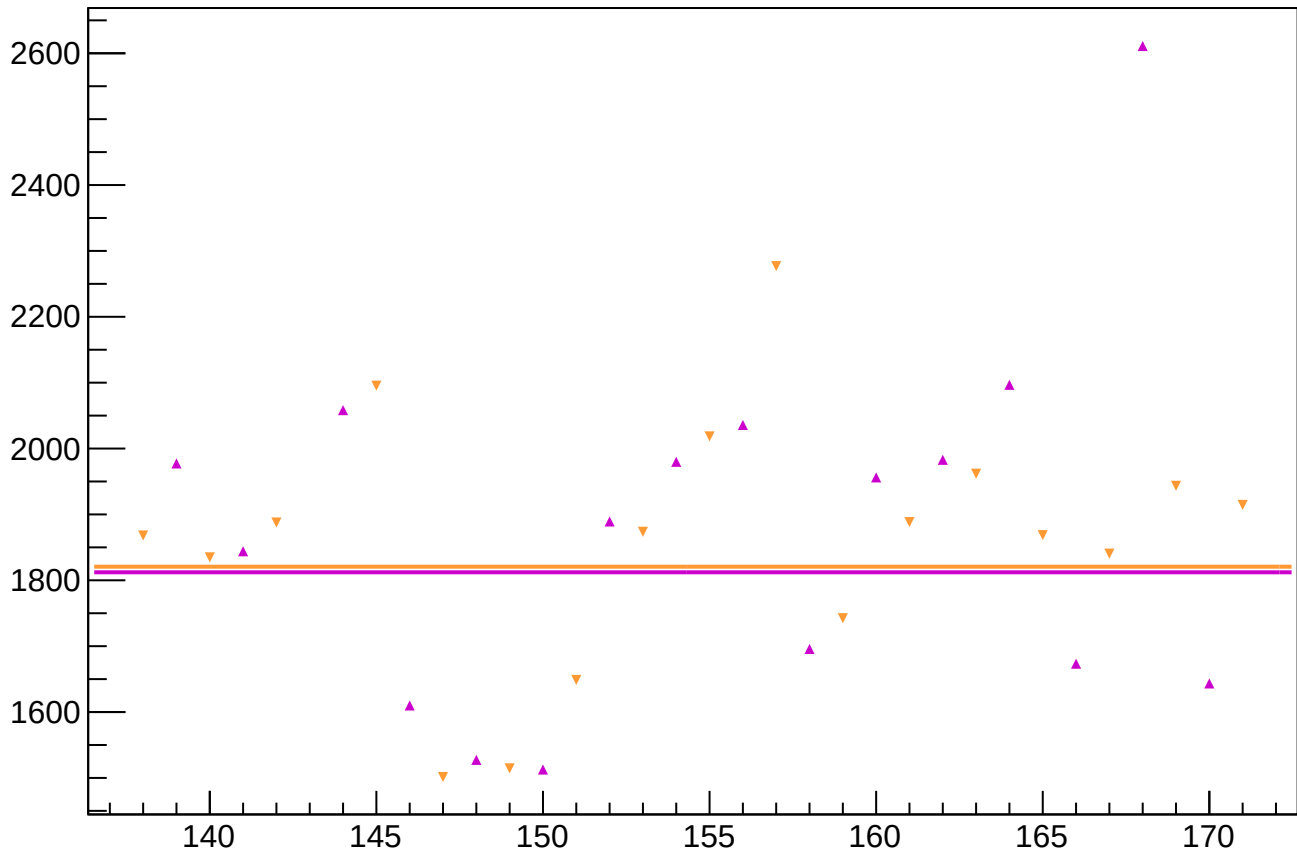
Left In: 1778.723+/-515.839 χ^2/NDF : 16.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.080+/-363.377 χ^2/NDF : 57.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_correction_rms vs Slug



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

Left Out: 1820.648+/-0.362 χ^2/NDF : 285084.4/16

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

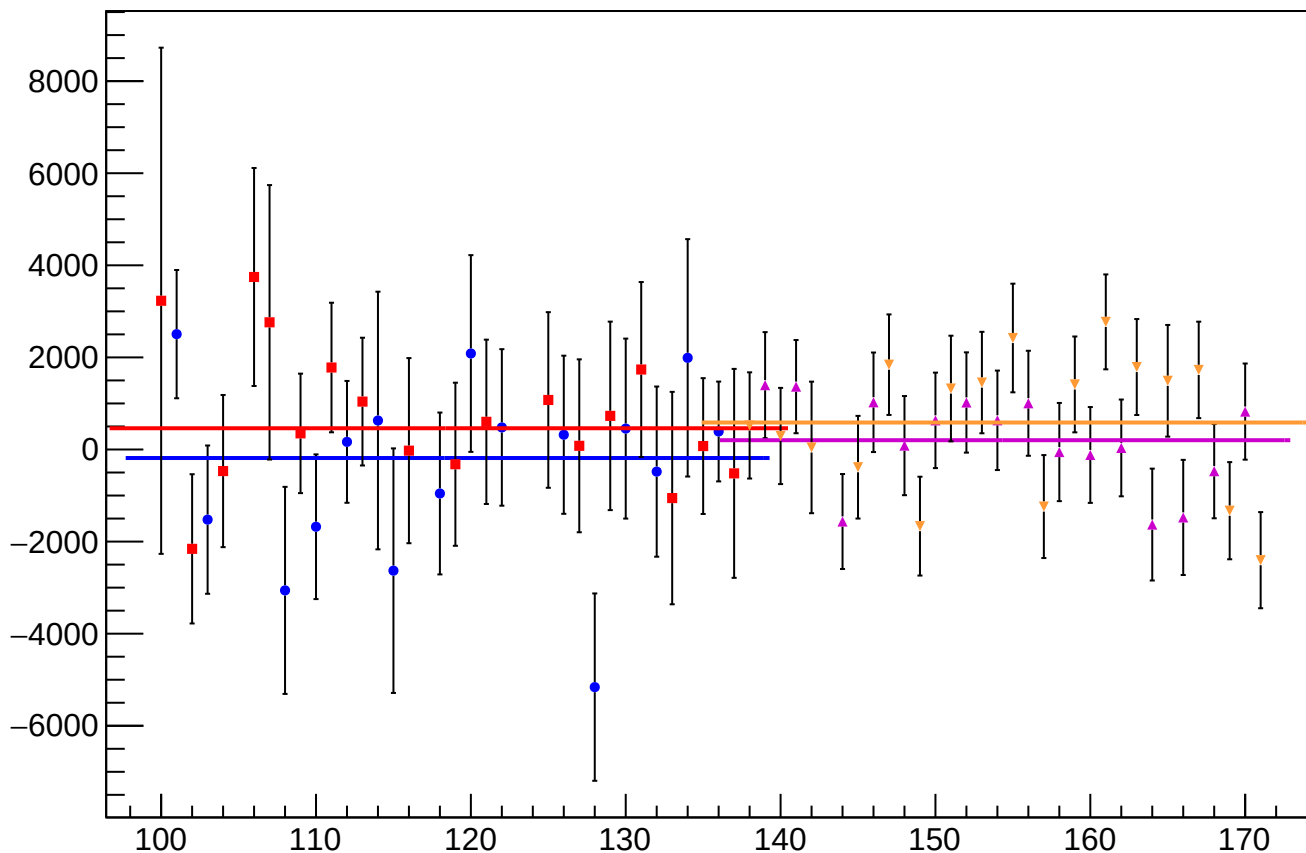
Left In: 1812.130+/-0.365 χ^2/NDF : 448639.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.421+/-0.257 χ^2/NDF : 733999.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



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

Left Out: 585.916 ± 267.587 χ^2/NDF : 32.5/16

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

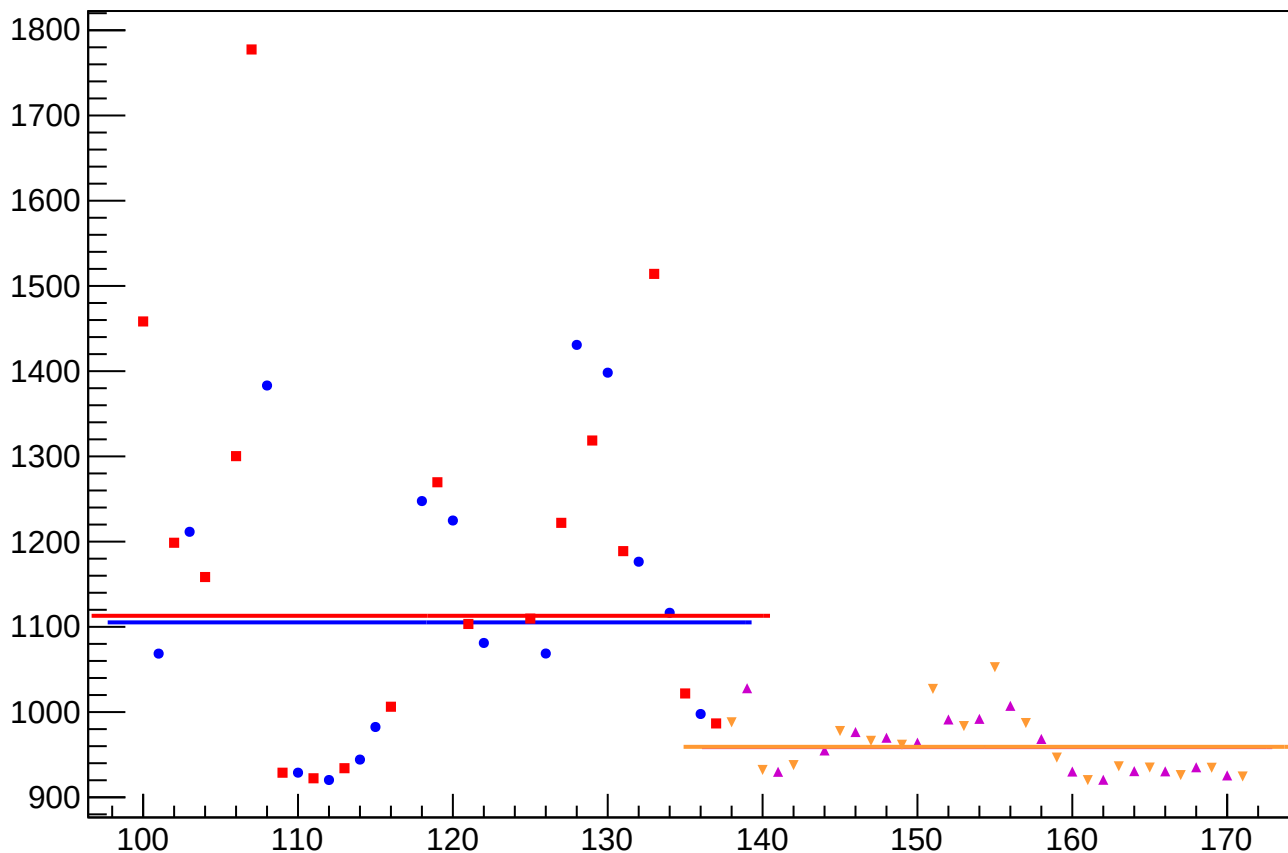
Left In: 201.648 ± 270.290 χ^2/NDF : 12.4/15

+ sign 371.774 ± 227.409 χ^2/NDF : 51.5/32

All: 324.055 ± 161.141 χ^2/NDF : 72.5/66

- sign 275.932 ± 228.369 χ^2/NDF : 20.9/33

asym_us_dd_rms vs Slug



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

Left Out: 959.225+/-0.189 χ^2/NDF : 35726.8/16

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

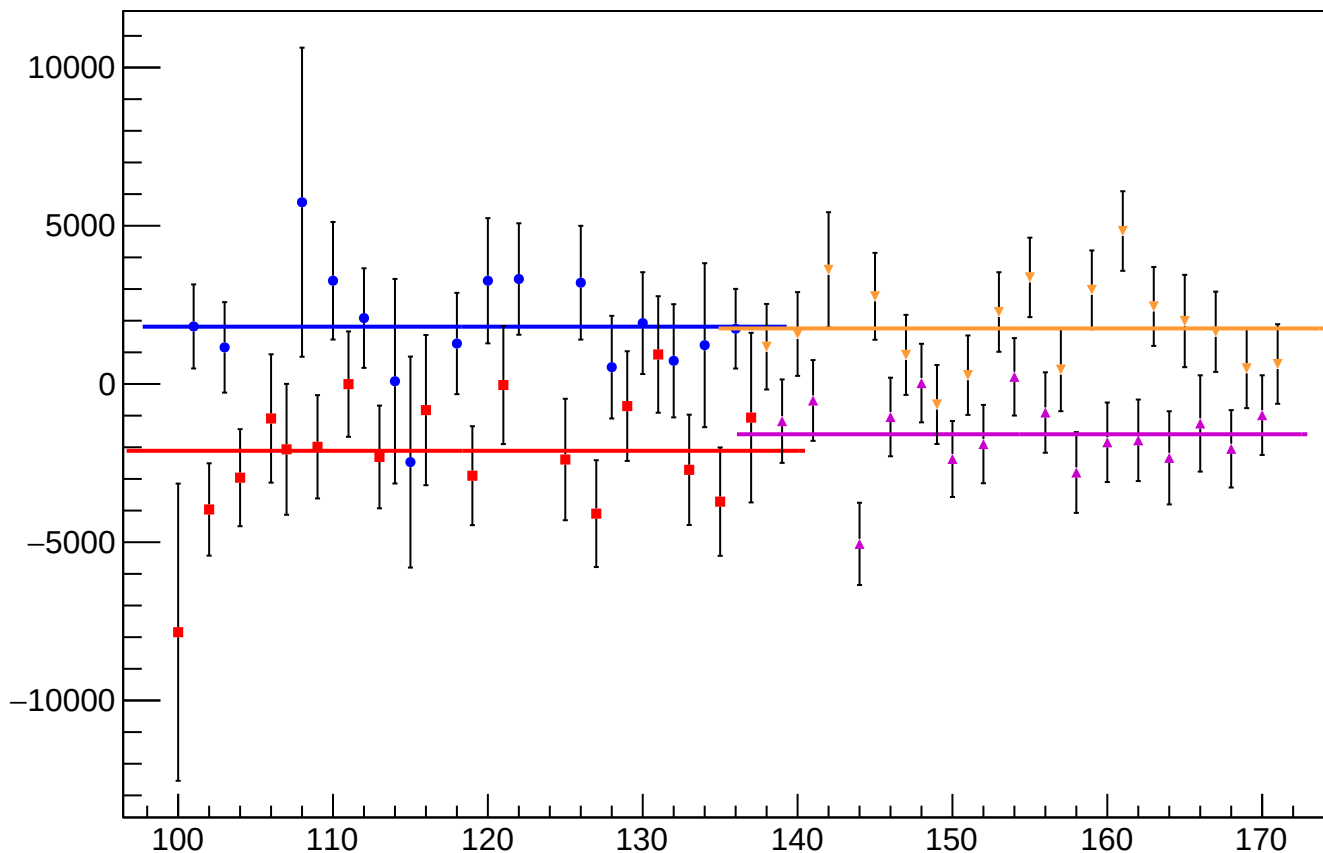
Left In: 958.883+/-0.191 χ^2/NDF : 26468.9/15

+ sign 999.780+/-0.161 χ^2/NDF : 456492.3/32

All: 1001.371+/-0.114 χ^2/NDF : 1032149.5/60

- sign 1002.974+/-0.161 χ^2/NDF : 575460.7/33

dit_asym_usl_mean vs Slug



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

Left Out: 1754.923+/-316.599 χ^2/NDF :19.2/16

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

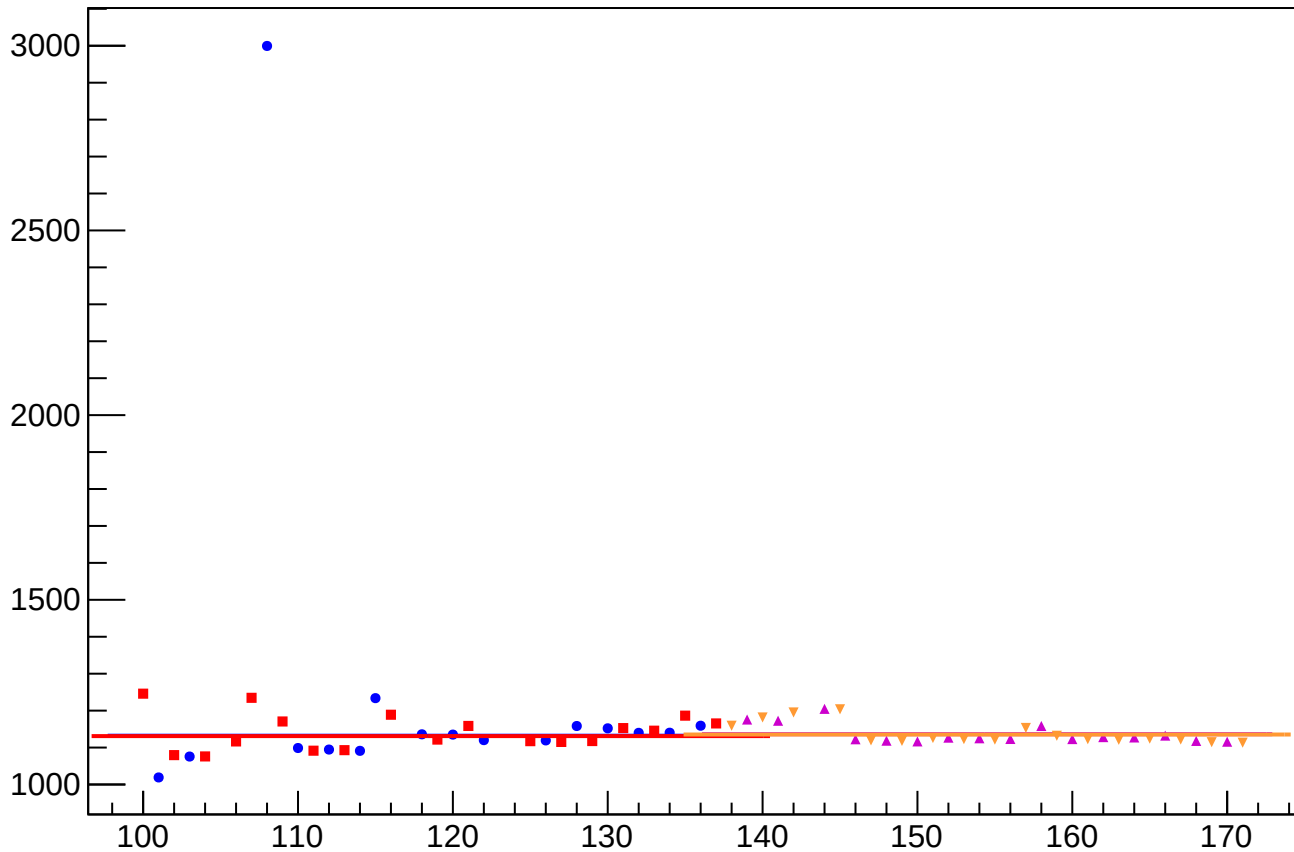
Left In: -1588.493+/-320.150 χ^2/NDF :14.4/15

+ sign 1773.948+/-257.411 χ^2/NDF : 25.7/32

All: -8.813+/-181.621 χ^2/NDF : 149.6/66

- sign -1776.140+/-256.294 χ^2/NDF : 28.4/33

dit_asym_usl_rms vs Slug



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

Left Out: 1135.309+/-0.224 χ^2/NDF : 13771.9/16

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

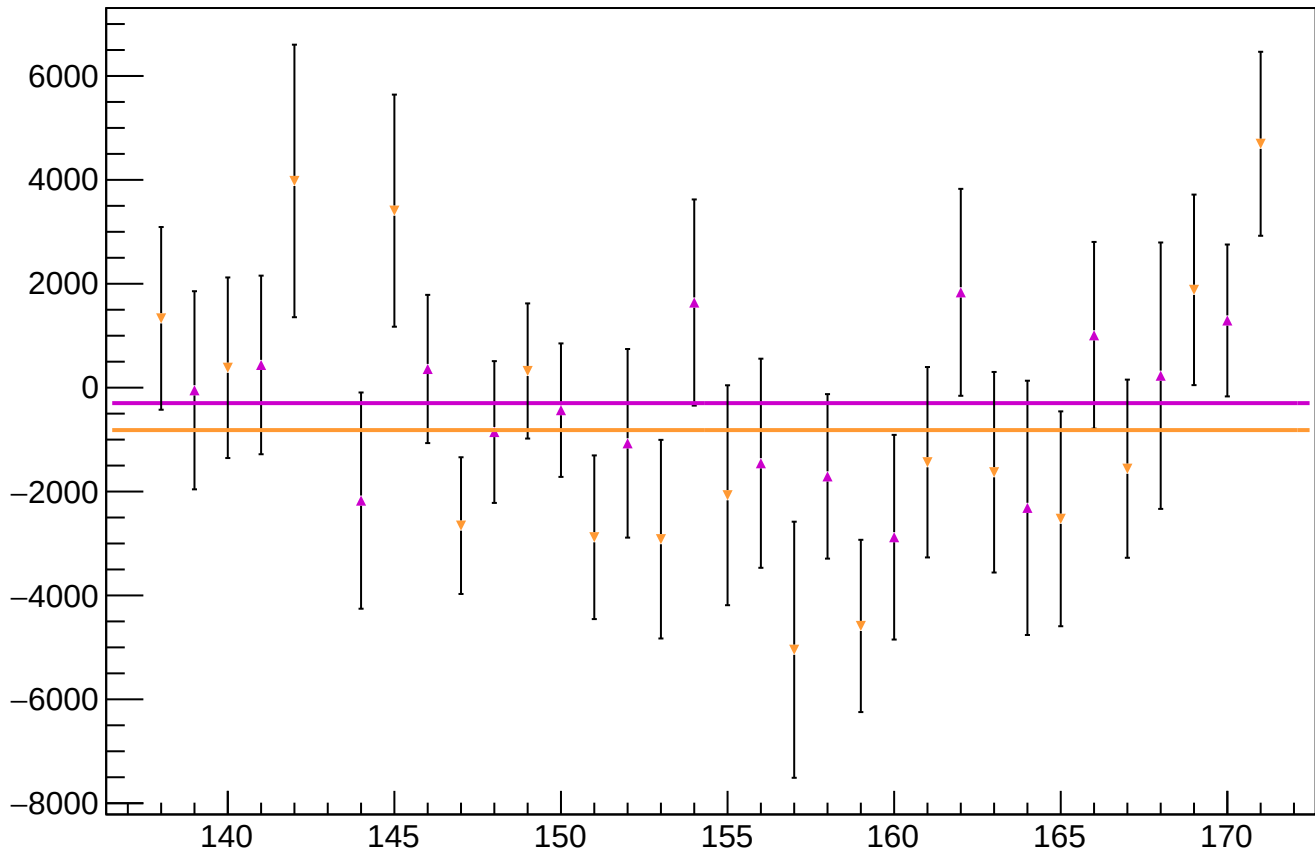
Left In: 1136.232+/-0.226 χ^2/NDF : 12624.5/15

+ sign 1134.213+/-0.182 χ^2/NDF : 329868.9/32

All: 1134.286+/-0.128 χ^2/NDF : 362403.5/66

- sign 1134.359+/-0.181 χ^2/NDF : 32534.3/33

asym_usl_correction_mean vs Slug



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

Left Out: -817.075+/-432.254 χ^2/NDF :36.0/16

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

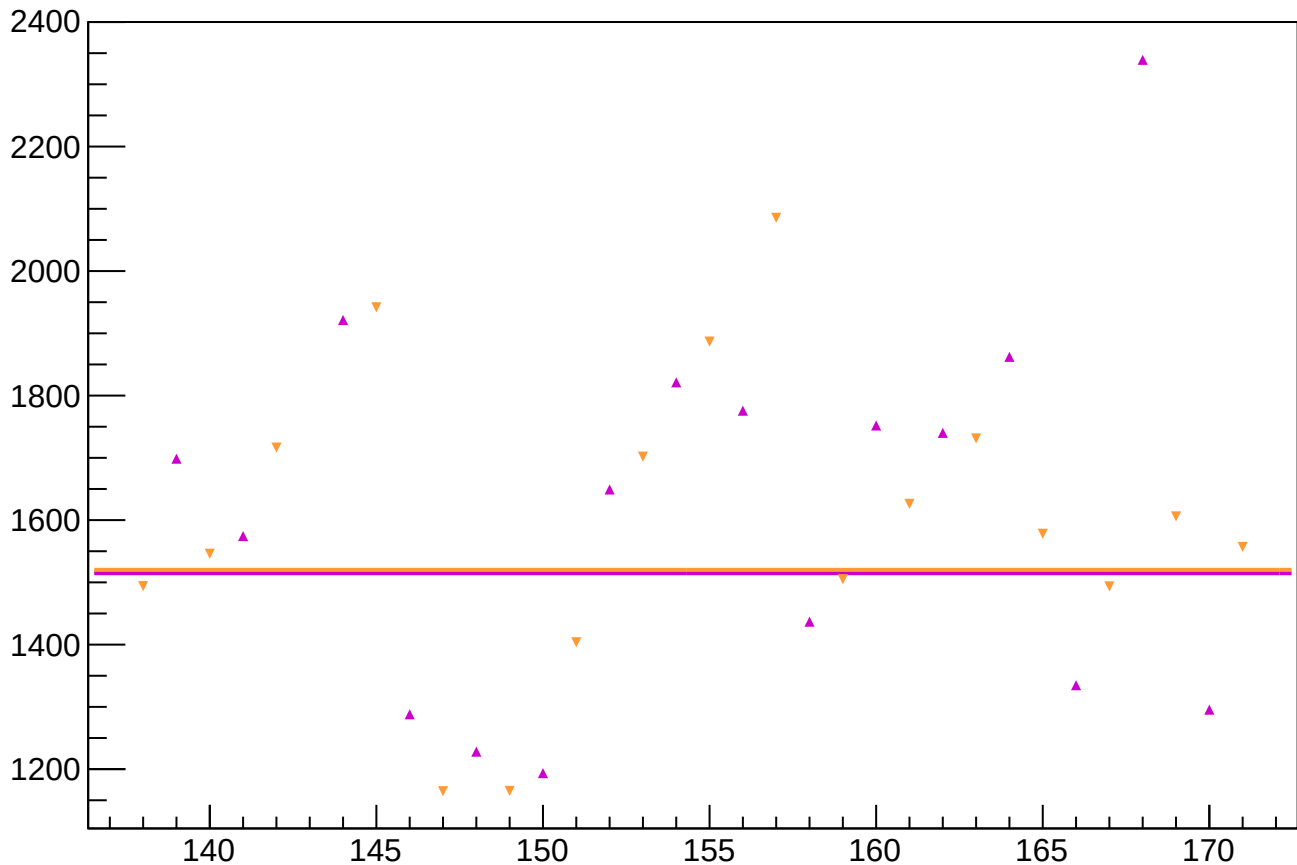
Left In: -297.915+/-434.898 χ^2/NDF :9.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.077+/-306.580 χ^2/NDF : 45.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_correction_rms vs Slug



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

Left Out: 1520.142+/-0.306 χ^2/NDF : 610626.8/16

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

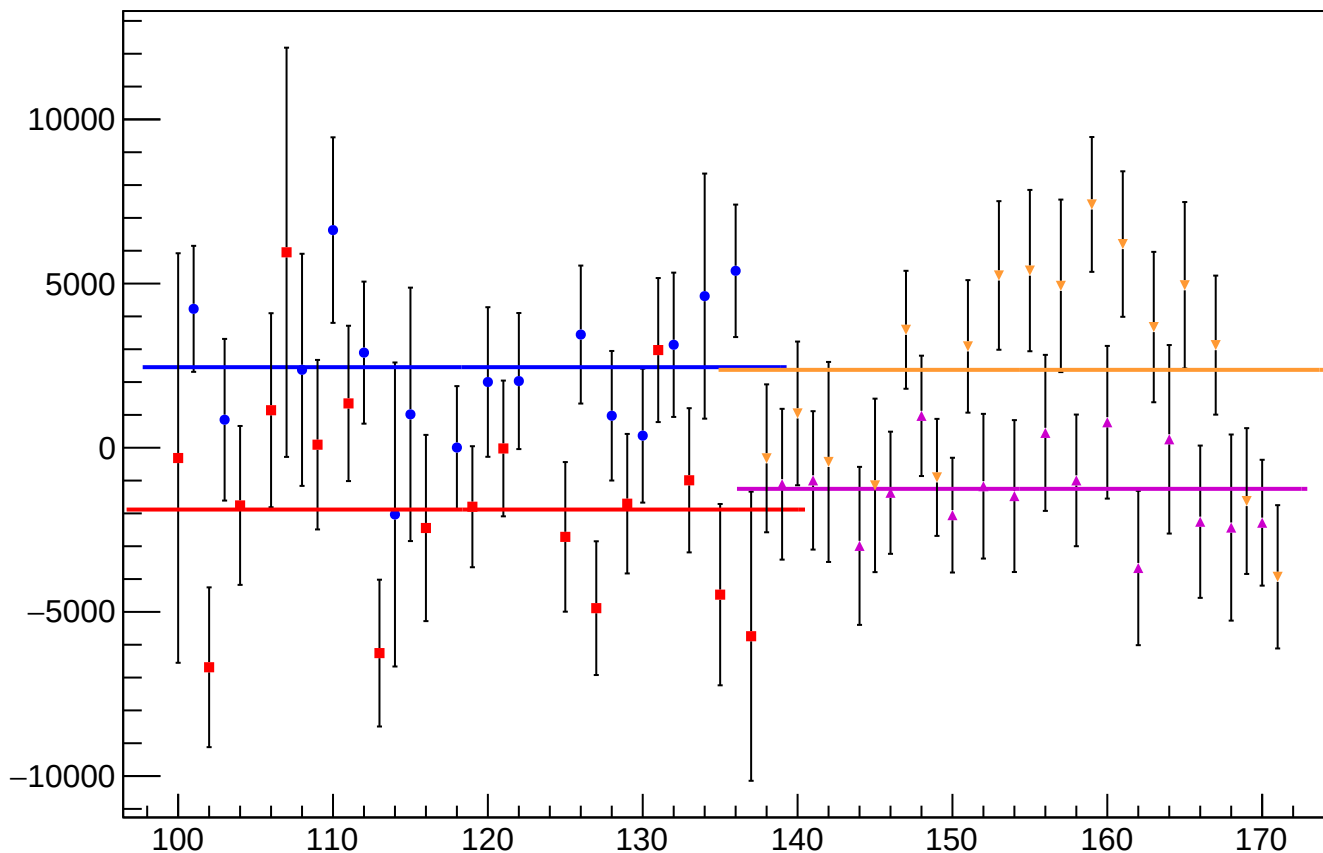
Left In: 1514.744+/-0.308 χ^2/NDF : 824960.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.459+/-0.217 χ^2/NDF : 1435742.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



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

Left Out: 2372.065 ± 537.907 χ^2/NDF : 34.5/16

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

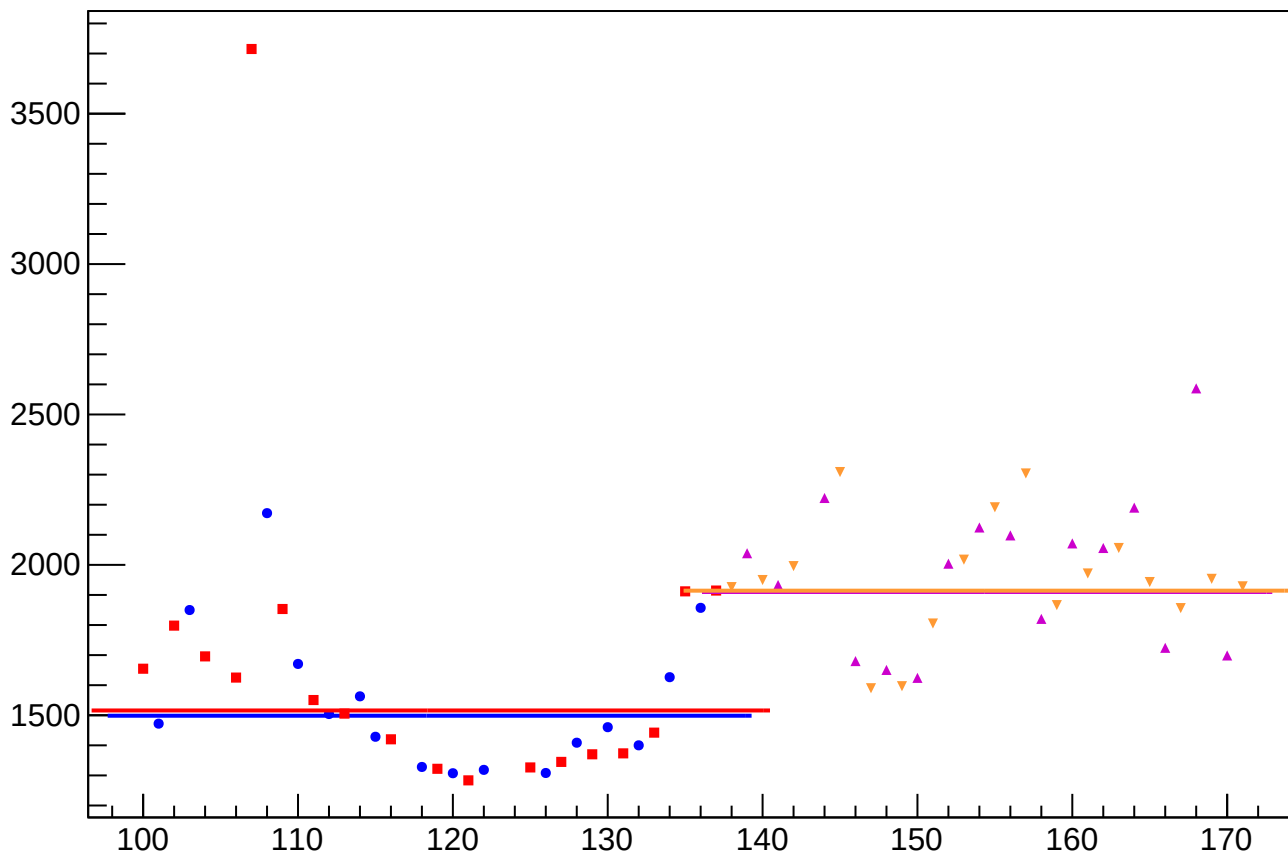
Left In: -1252.359 ± 543.122 χ^2/NDF : 5.5/15

+ sign 2409.499 ± 395.746 χ^2/NDF : 45.3/32

All: 440.692 ± 280.437 χ^2/NDF : 123.9/66

- sign -1545.160 ± 397.455 χ^2/NDF : 28.9/33

asym_usl_rms vs Slug



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

Left Out: 1914.237 $\pm$ 0.380 χ^2 /NDF: 267382.5/16

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

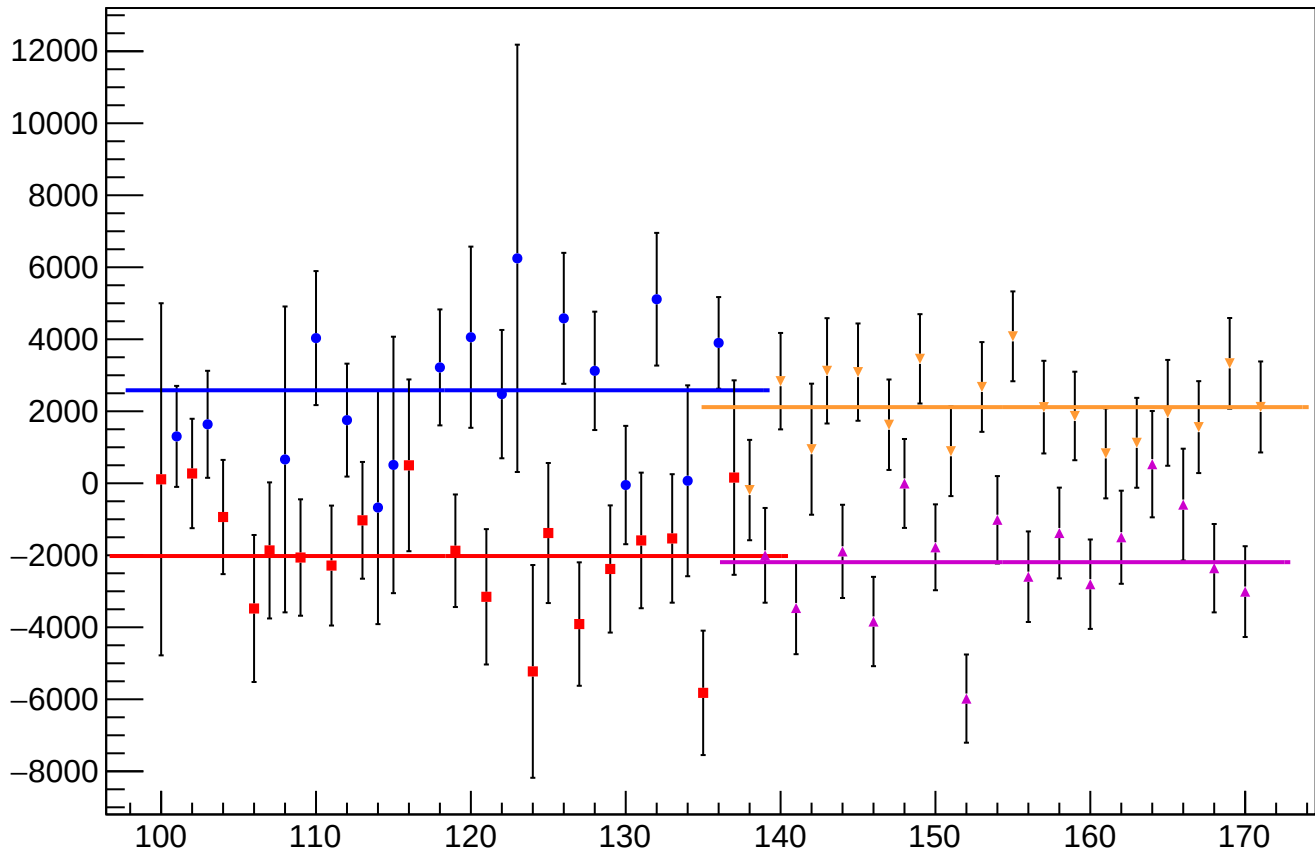
Left In: 1909.834 $\pm$ 0.384 χ^2 /NDF: 389045.3/15

+ sign 1723.522 $\pm$ 0.280 χ^2 /NDF: 1074261.5/32

All: 1725.196 $\pm$ 0.198 χ^2 /NDF: 2432500.2/60

- sign 1726.886 $\pm$ 0.281 χ^2 /NDF: 1358166.8/33

dit_asym_usr_mean vs Slug



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

Left Out: 2115.181 $\pm$ 308.860 χ^2 /NDF:12.3/17

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

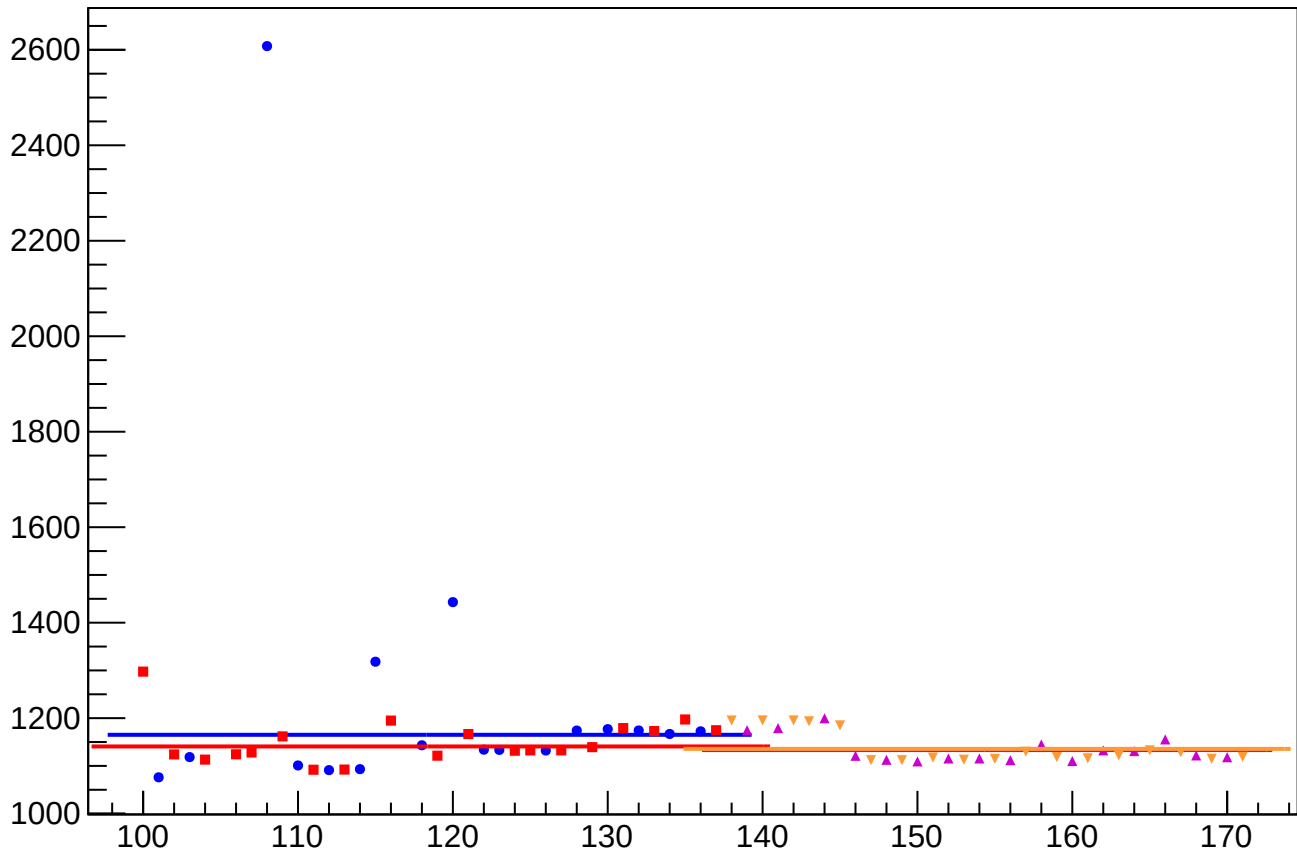
Left In: -2191.331 $\pm$ 319.309 χ^2 /NDF:22.5/15

+ sign 2263.550 $\pm$ 255.224 χ^2 /NDF: 25.3/34

All: 70.515 $\pm$ 180.626 χ^2 /NDF: 209.3/69

- sign -2130.103 $\pm$ 255.665 χ^2 /NDF: 36.1/34

dit_asym_usr_rms vs Slug



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

Left Out: 1135.662 $\pm$ 0.218 χ^2/NDF : 20729.5/17

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

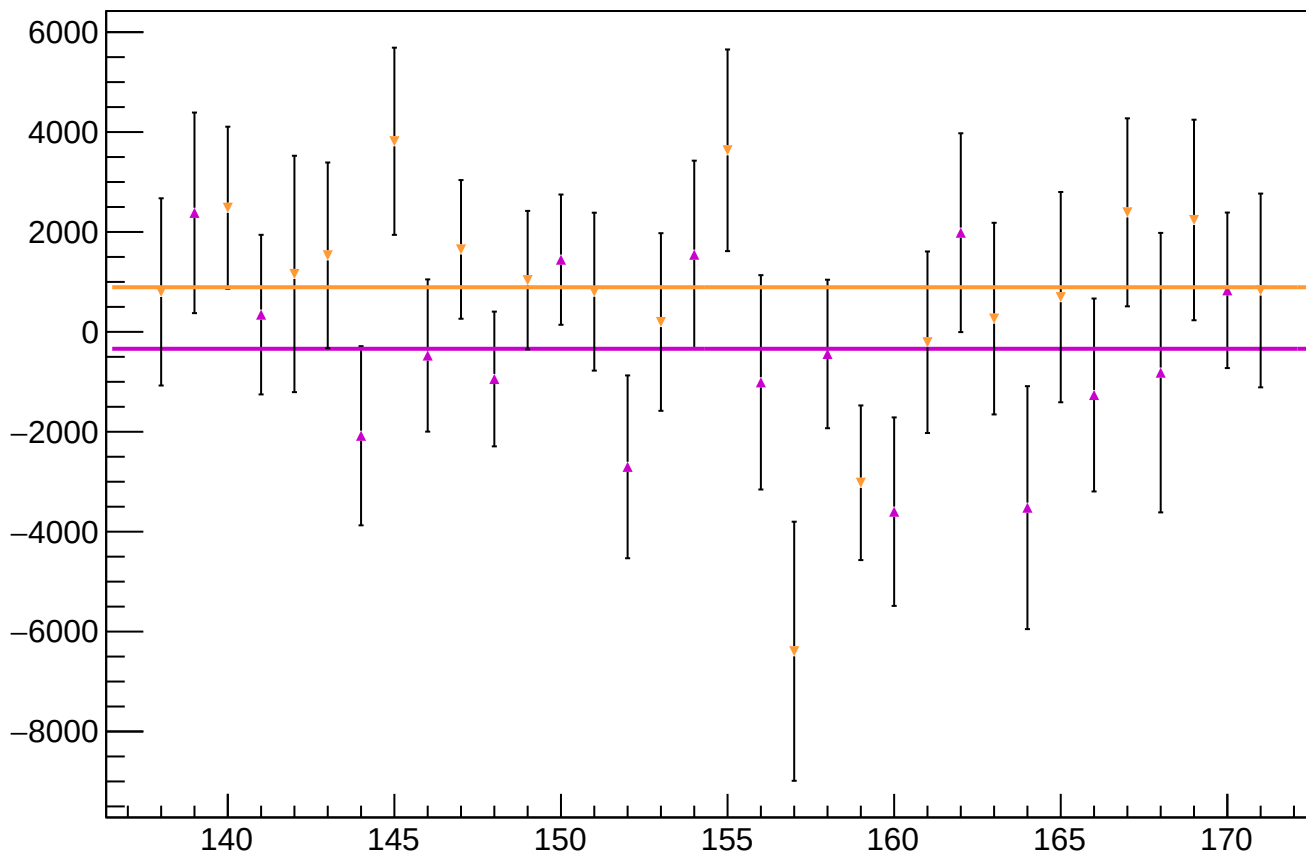
Left In: 1133.203 $\pm$ 0.226 χ^2/NDF : 14492.1/15

+ sign 1145.013 $\pm$ 0.180 χ^2/NDF : 305080.2/34

All: 1140.470 $\pm$ 0.128 χ^2/NDF : 333960.5/69

- sign 1135.912 $\pm$ 0.181 χ^2/NDF : 27611.0/34

asym_usr_correction_mean vs Slug



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

Left Out: 893.682 $\pm$ 423.273 χ^2 /NDF:21.7/17

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

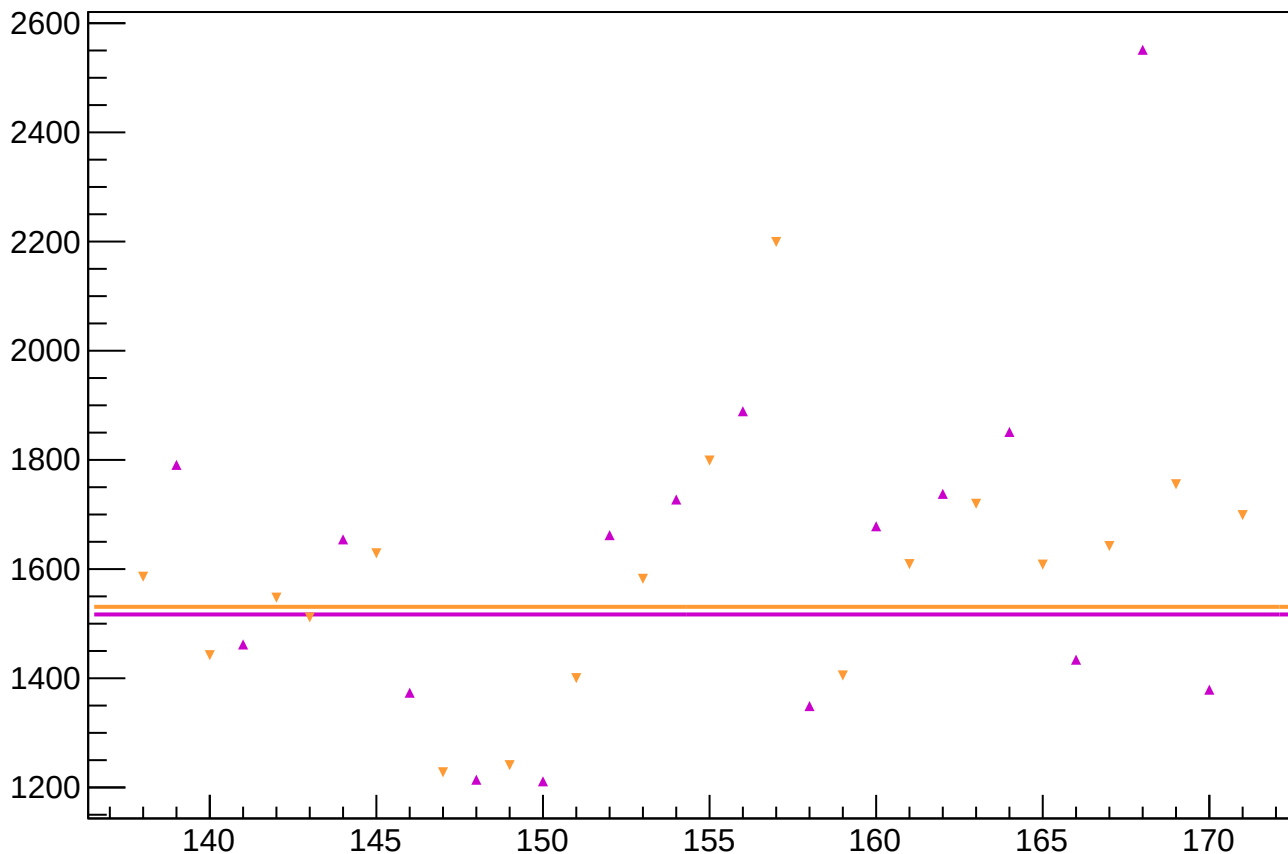
Left In: -338.543 $\pm$ 435.142 χ^2 /NDF:14.7/15

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

All: 294.604 $\pm$ 303.408 χ^2 /NDF: 40.5/33

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

asym_usr_correction_rms vs Slug



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

Left Out: 1530.857+/-0.299 χ^2/NDF : 465801.6/17

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

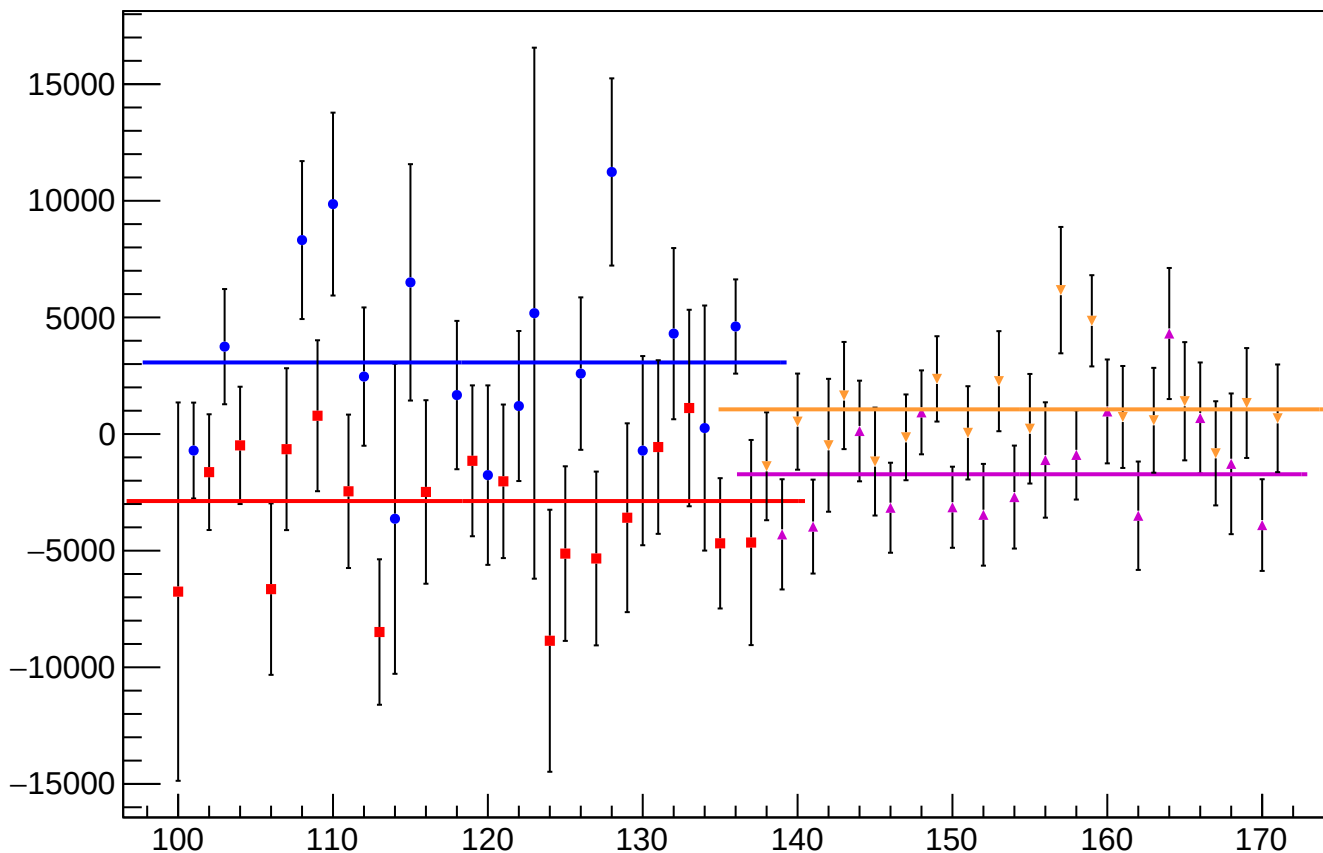
Left In: 1516.887+/-0.308 χ^2/NDF : 772962.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.065+/-0.215 χ^2/NDF : 1239823.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: 1058.680 ± 520.265 χ^2/NDF : 12.3/17

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

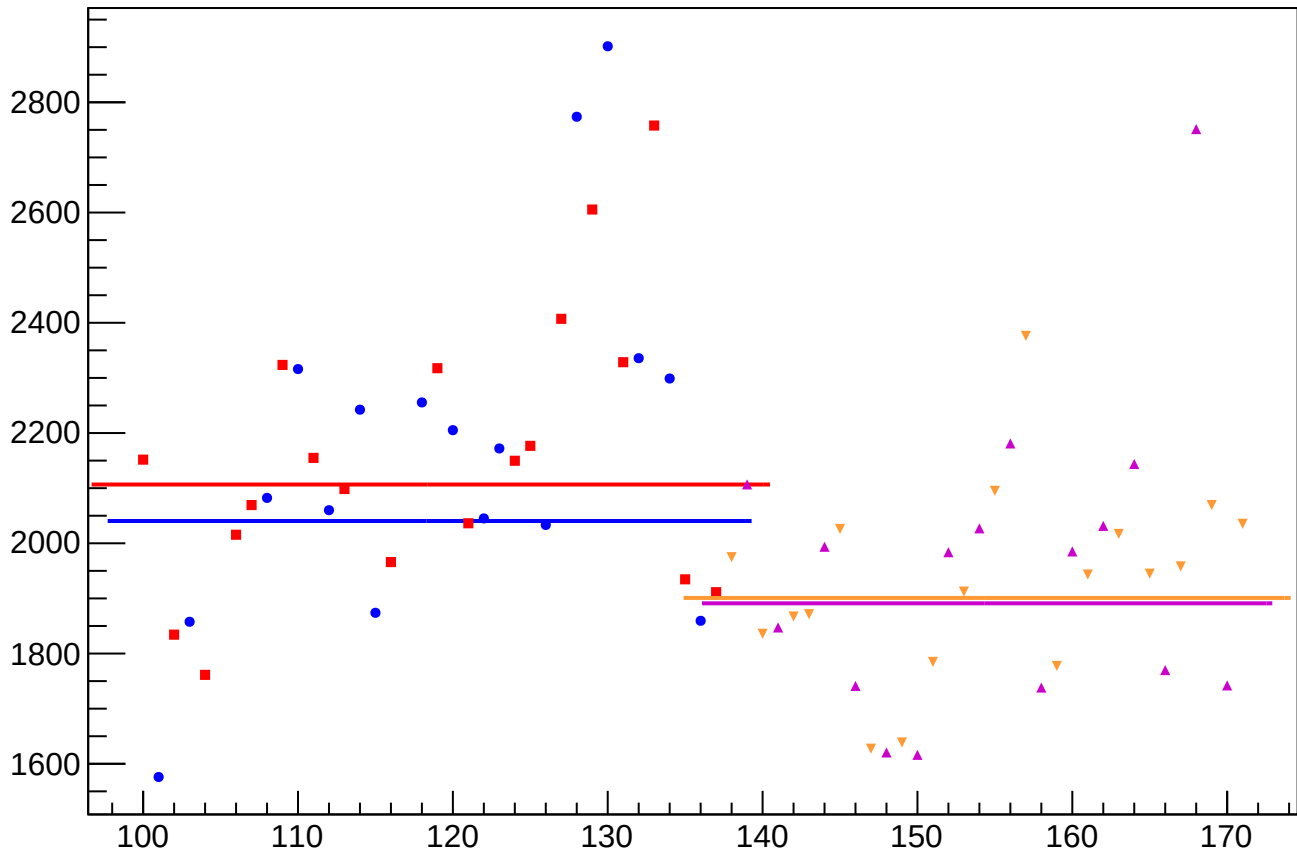
Left In: -1723.848 ± 537.646 χ^2/NDF : 16.6/15

+ sign 1658.720 ± 435.780 χ^2/NDF : 35.3/34

All: -171.754 ± 311.496 χ^2/NDF : 100.9/69

- sign -2084.144 ± 445.424 χ^2/NDF : 29.6/34

asym_usr_rms vs Slug



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

Left Out: 1900.876+/-0.368 χ^2/NDF : 210883.0/17

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

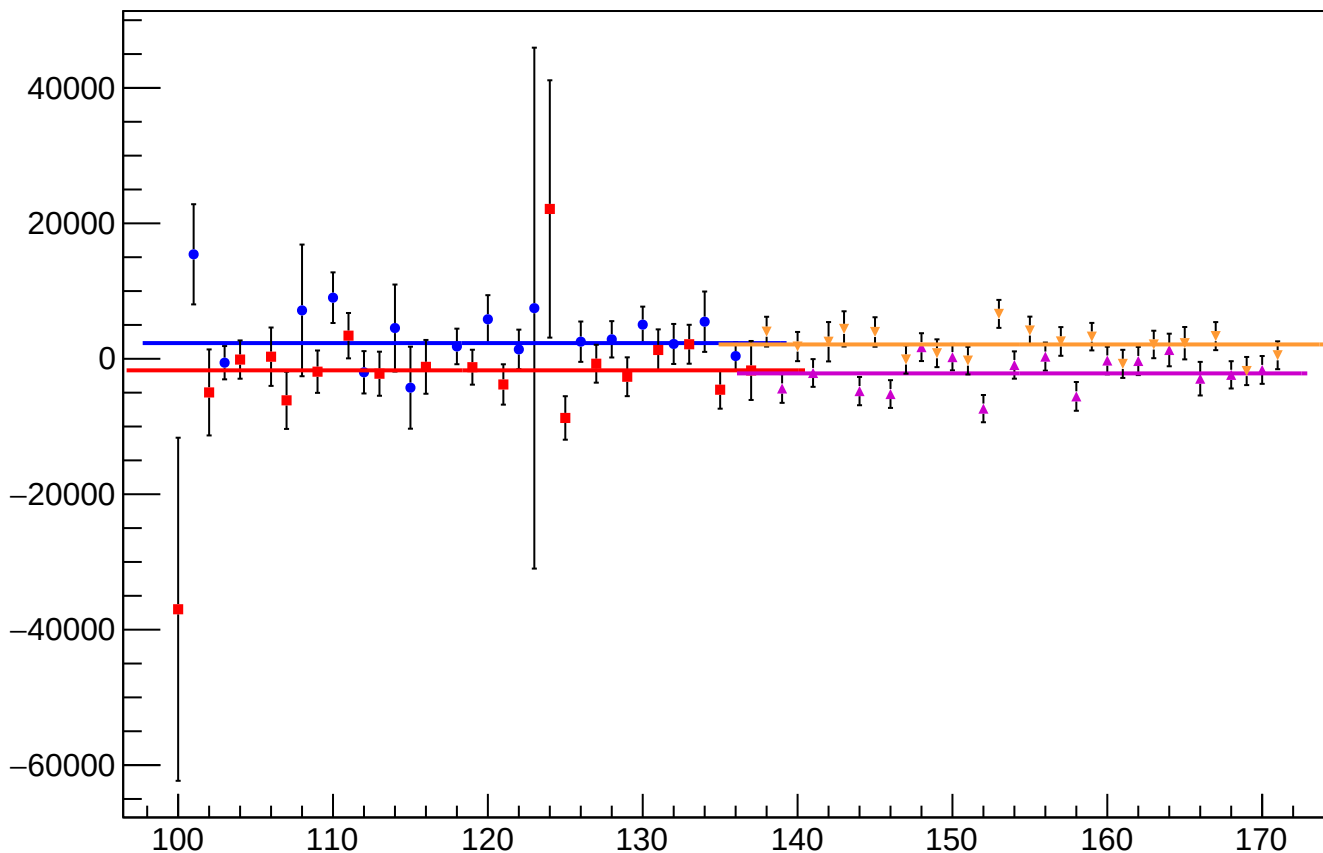
Left In: 1891.112+/-0.380 χ^2/NDF : 387326.0/15

+ sign 1942.521+/-0.308 χ^2/NDF : 585166.4/34

All: 1950.436+/-0.220 χ^2/NDF : 1270043.8/69

- sign 1958.704+/-0.315 χ^2/NDF : 683528.4/34

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2119.157 $\pm$ 506.757 χ^2 /NDF: 17.8/17

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

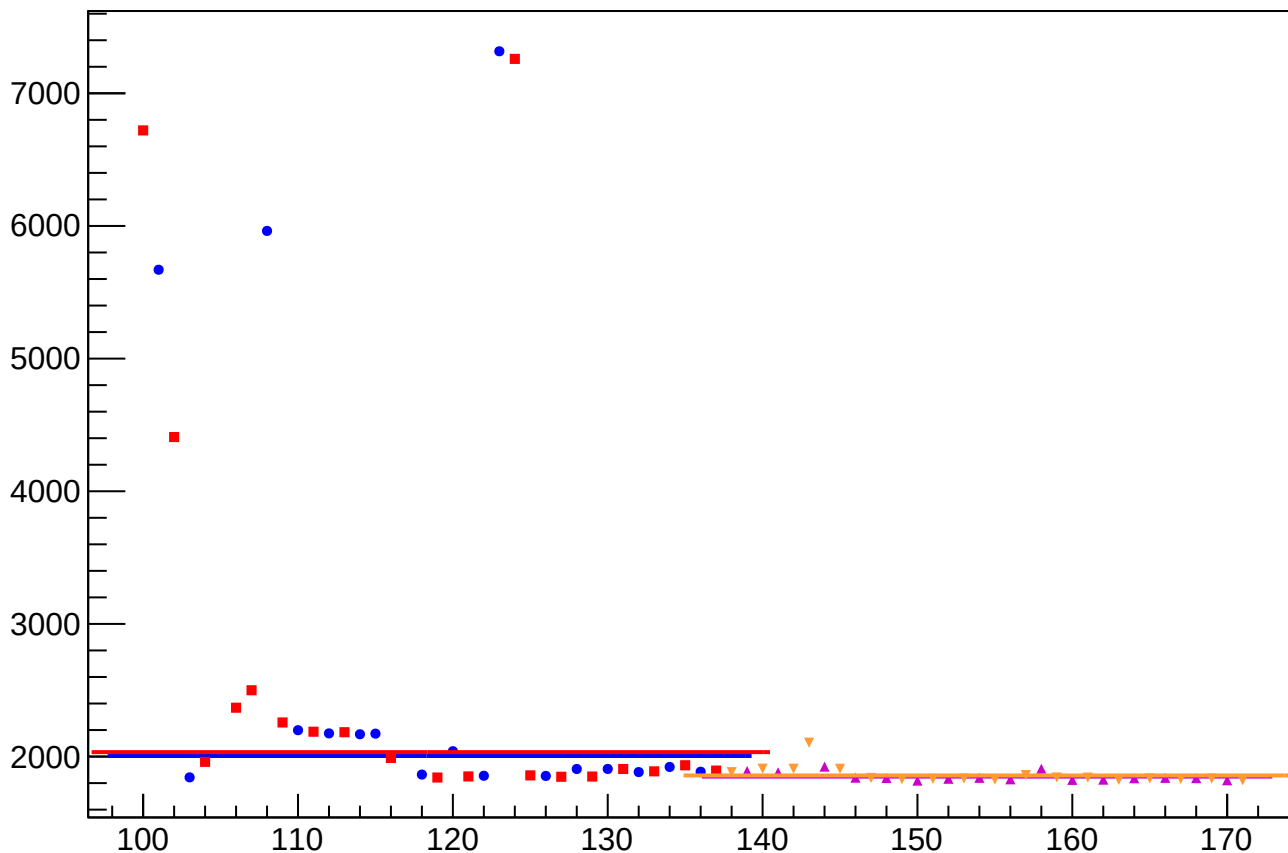
Left In: -2155.395 $\pm$ 522.627 χ^2 /NDF: 24.9/15

+ sign 2176.247 $\pm$ 428.317 χ^2 /NDF: 32.6/34

All: 110.616 $\pm$ 305.085 χ^2 /NDF: 122.0/69

- sign -2016.701 $\pm$ 434.665 χ^2 /NDF: 42.2/34

dit_asym_at1_avg_rms vs Slug



Right In: 2004.551 $\pm$ 0.567 χ^2 /NDF: 916013.4/16

Left Out: 1857.655 $\pm$ 0.358 χ^2 /NDF: 24810.0/17

Right Out: 2033.490 $\pm$ 0.554 χ^2 /NDF: 611009.8/18

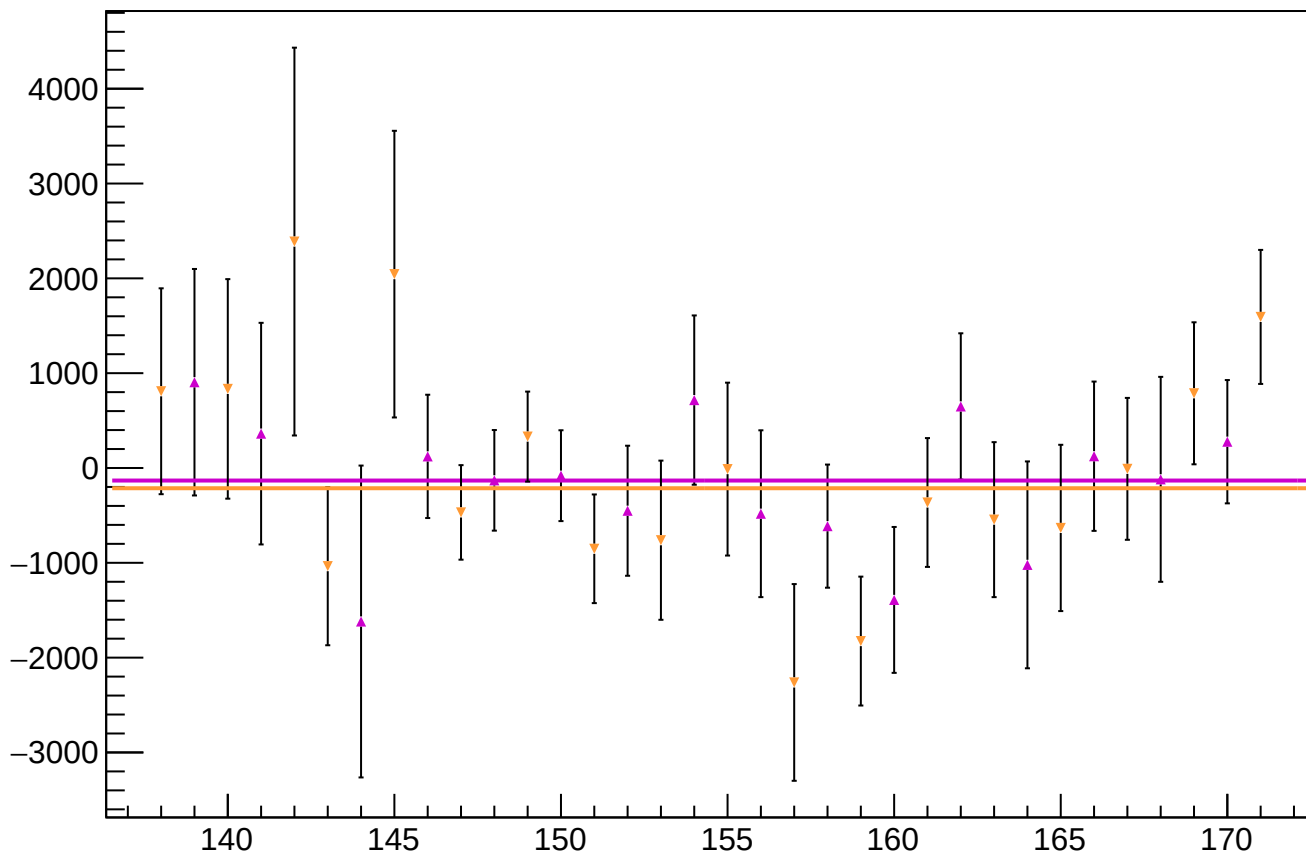
Left In: 1849.073 $\pm$ 0.370 χ^2 /NDF: 7393.5/15

+ sign 1899.611 $\pm$ 0.303 χ^2 /NDF: 988822.9/34

All: 1902.722 $\pm$ 0.216 χ^2 /NDF: 1684213.2/69

- sign 1905.926 $\pm$ 0.307 χ^2 /NDF: 695176.1/34

asym_at1_avg_correction_mean vs Slug



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

Left Out: -213.496 $\pm$ 178.256 χ^2 /NDF:28.2/17

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

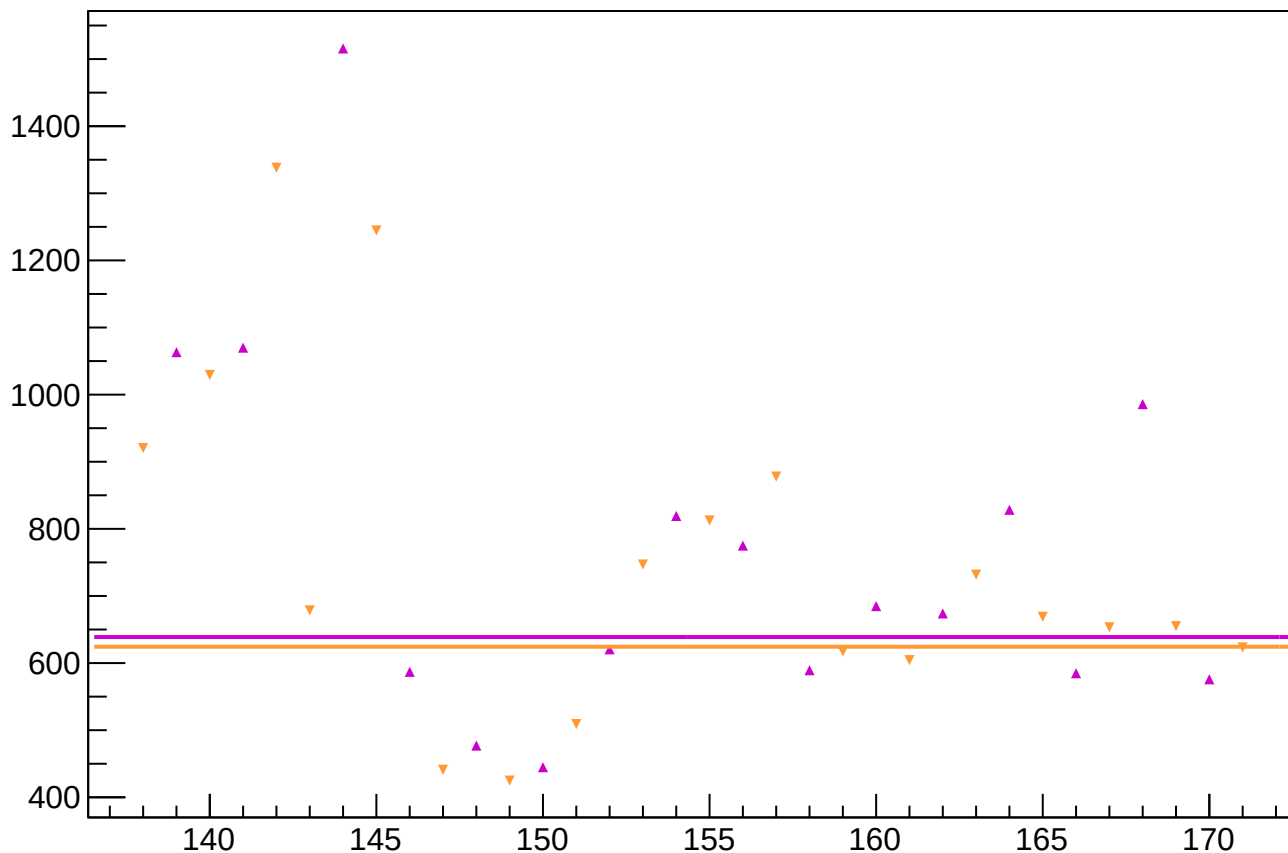
Left In: -132.313 $\pm$ 188.411 χ^2 /NDF:8.6/15

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

All: -175.151 $\pm$ 129.487 χ^2 /NDF: 36.9/33

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

asym_at1_avg_correction_rms vs Slug



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

Left Out: 624.354+/-0.126 χ^2/NDF :1982164.4/17

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

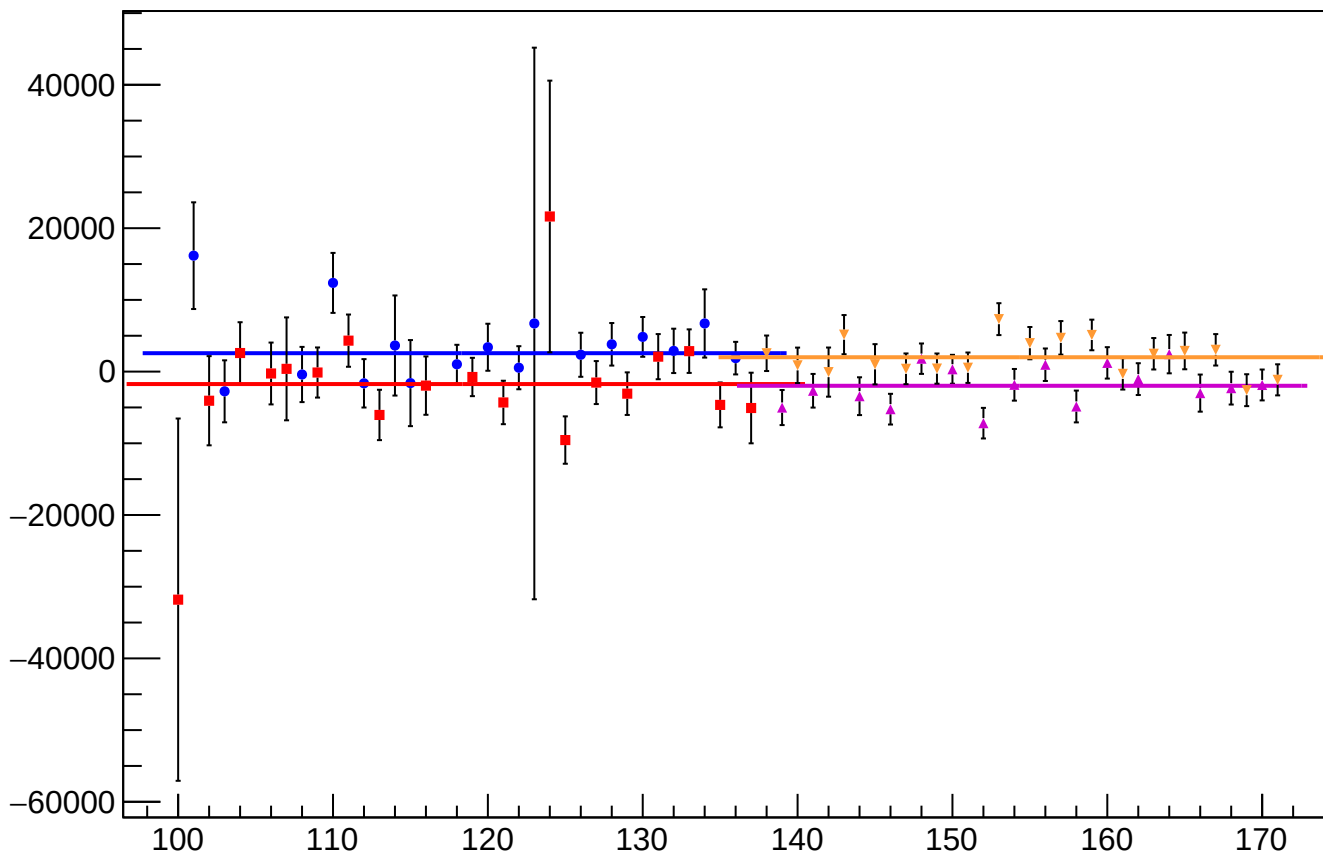
Left In: 638.763+/-0.133 χ^2/NDF :2069151.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.160+/-0.092 χ^2/NDF : 4057488.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 2002.359 $\pm$ 547.753 χ^2 /NDF:21.5/17

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

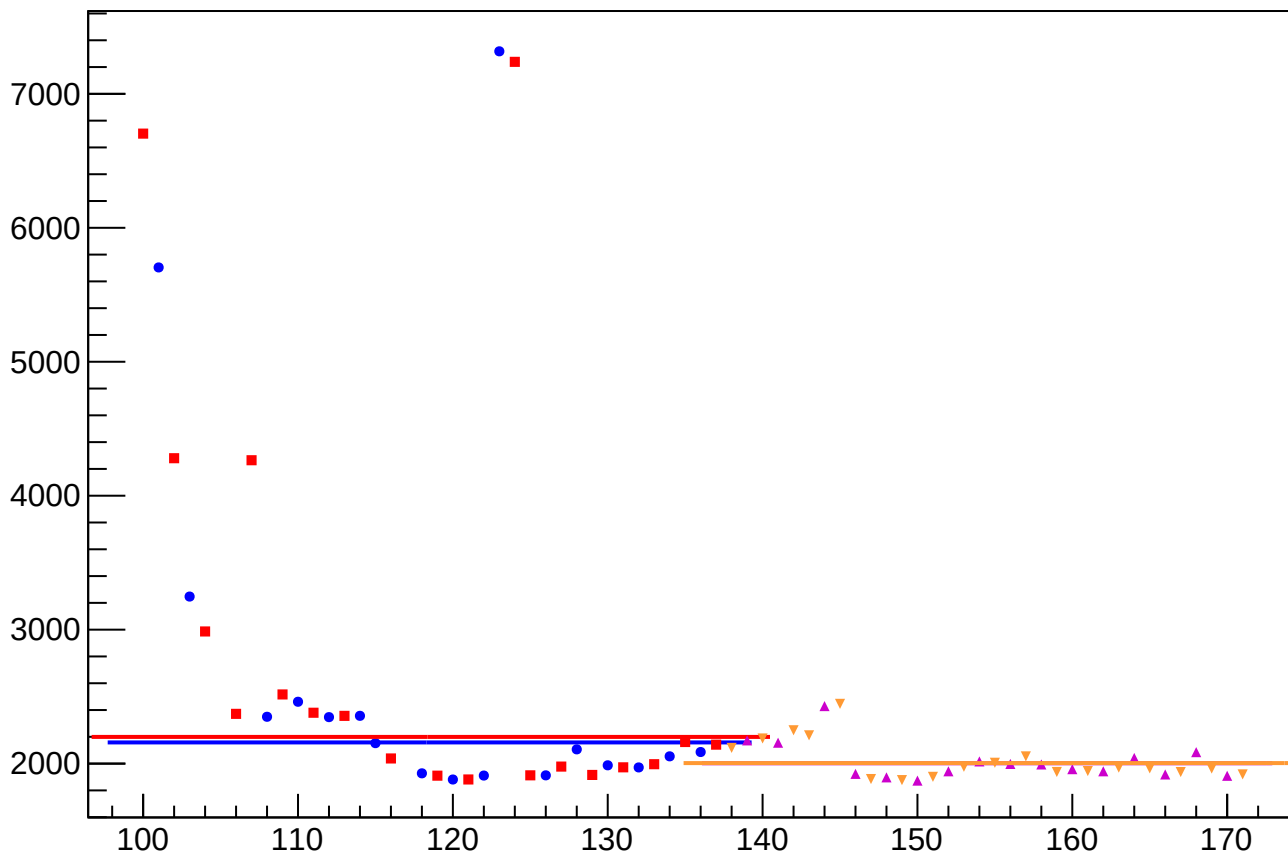
Left In: -1978.395 $\pm$ 567.073 χ^2 /NDF:23.3/15

+ sign 2166.312 $\pm$ 461.392 χ^2 /NDF: 37.4/34

All: 178.264 $\pm$ 330.032 χ^2 /NDF: 119.2/69

- sign -1904.639 $\pm$ 472.271 χ^2 /NDF: 43.8/34

asym_at1_avg_rms vs Slug



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

Left Out: 2003.889+/-0.387 χ^2/NDF :115978.8/17

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

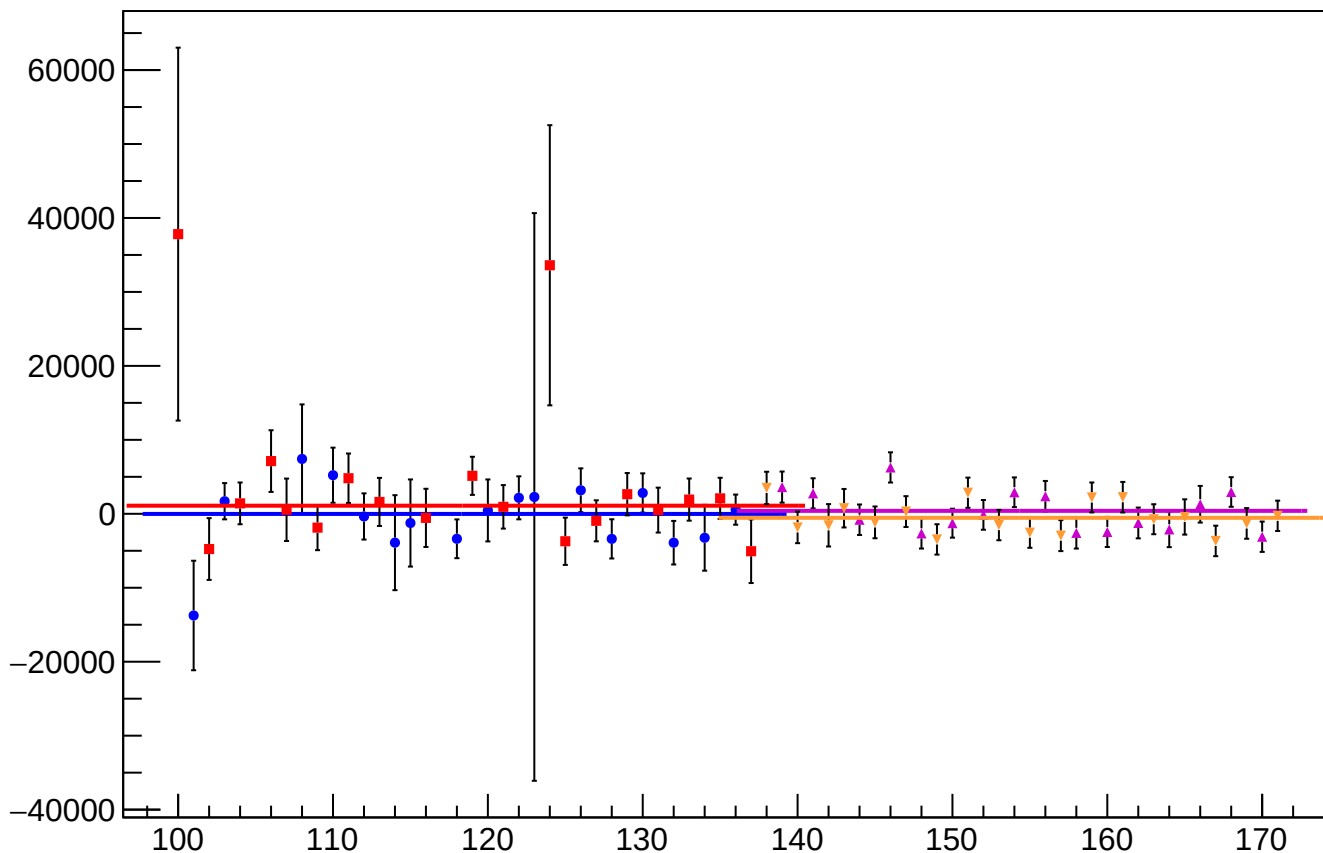
Left In: 2002.479+/-0.401 χ^2/NDF :99550.0/15

+ sign 2048.697+/-0.326 χ^2/NDF : 875915.8/34

All: 2055.584+/-0.233 χ^2/NDF : 1853256.6/69

- sign 2062.800+/-0.334 χ^2/NDF : 976428.3/34

dit_asym_at1_dd_mean vs Slug



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

Left Out: -543.092 ± 504.599 χ^2/NDF : 17.8/17

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

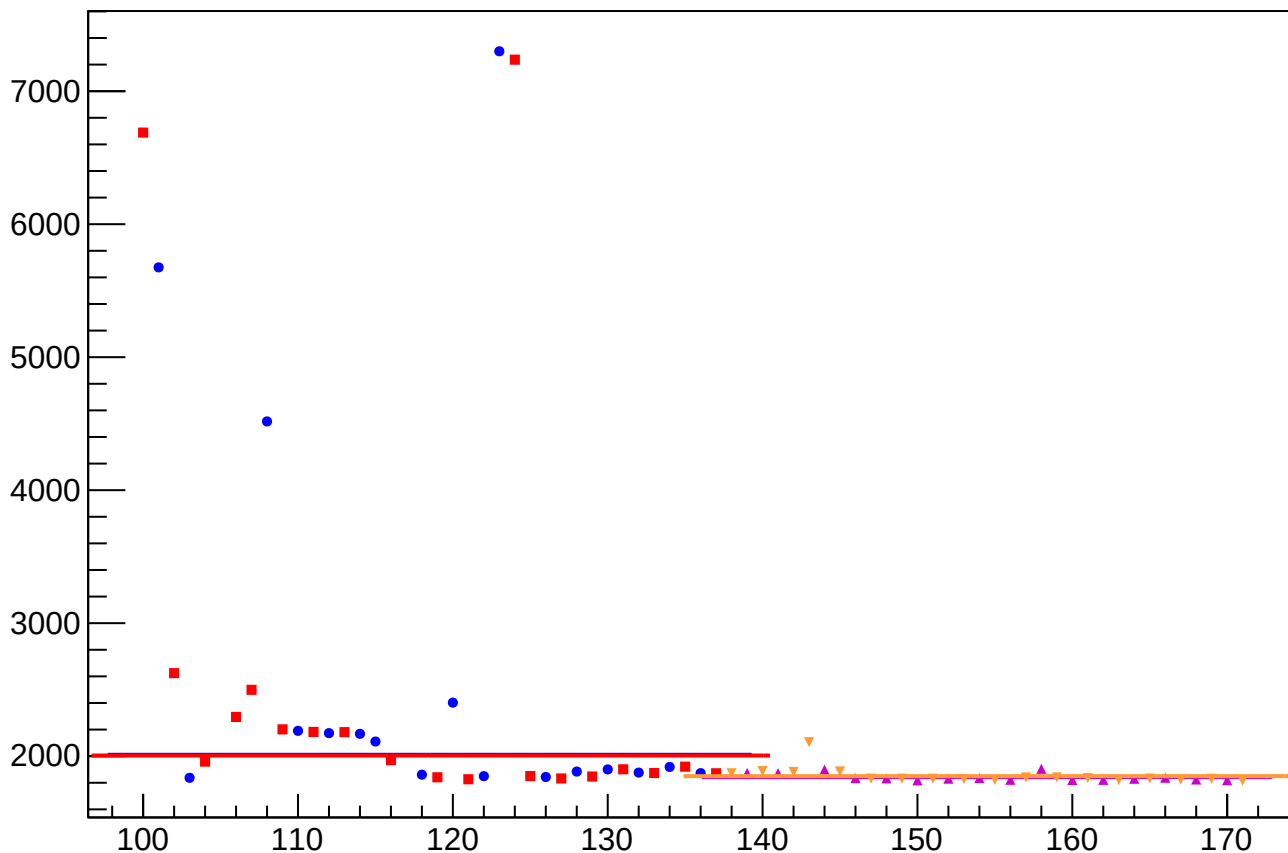
Left In: 397.490 ± 520.678 χ^2/NDF : 28.1/15

+ sign -394.097 ± 427.006 χ^2/NDF : 34.0/34

All: 106.225 ± 303.436 χ^2/NDF : 84.8/69

- sign 616.597 ± 431.273 χ^2/NDF : 48.0/34

dit_asym_at1_dd_rms vs Slug



Right In: 2010.272 $\pm$ 0.567 χ^2 /NDF: 839746.7/16

Left Out: 1849.836 $\pm$ 0.357 χ^2 /NDF:23676.2/17

Right Out: 2004.882 $\pm$ 0.544 χ^2 /NDF: 367513.0/18

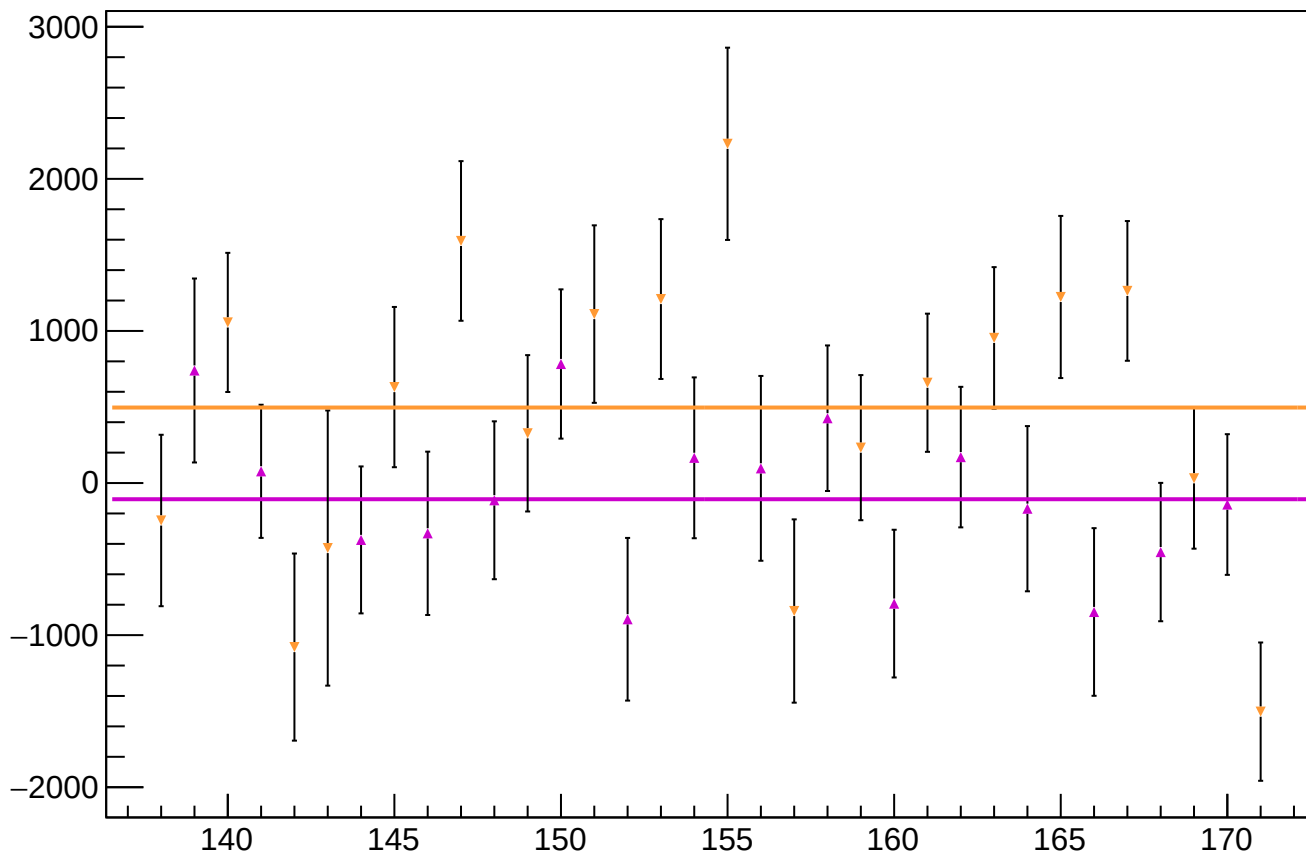
Left In: 1842.266 $\pm$ 0.368 χ^2 /NDF:5659.0/15

+ sign 1895.384 $\pm$ 0.302 χ^2 /NDF: 920821.9/34

All: 1894.361 $\pm$ 0.215 χ^2 /NDF: 1355260.3/69

- sign 1893.317 $\pm$ 0.305 χ^2 /NDF: 434415.2/34

asym_at1_dd_correction_mean vs Slug



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

Left Out: 496.458 $\pm$ 122.861 χ^2 /NDF: 57.2/17

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

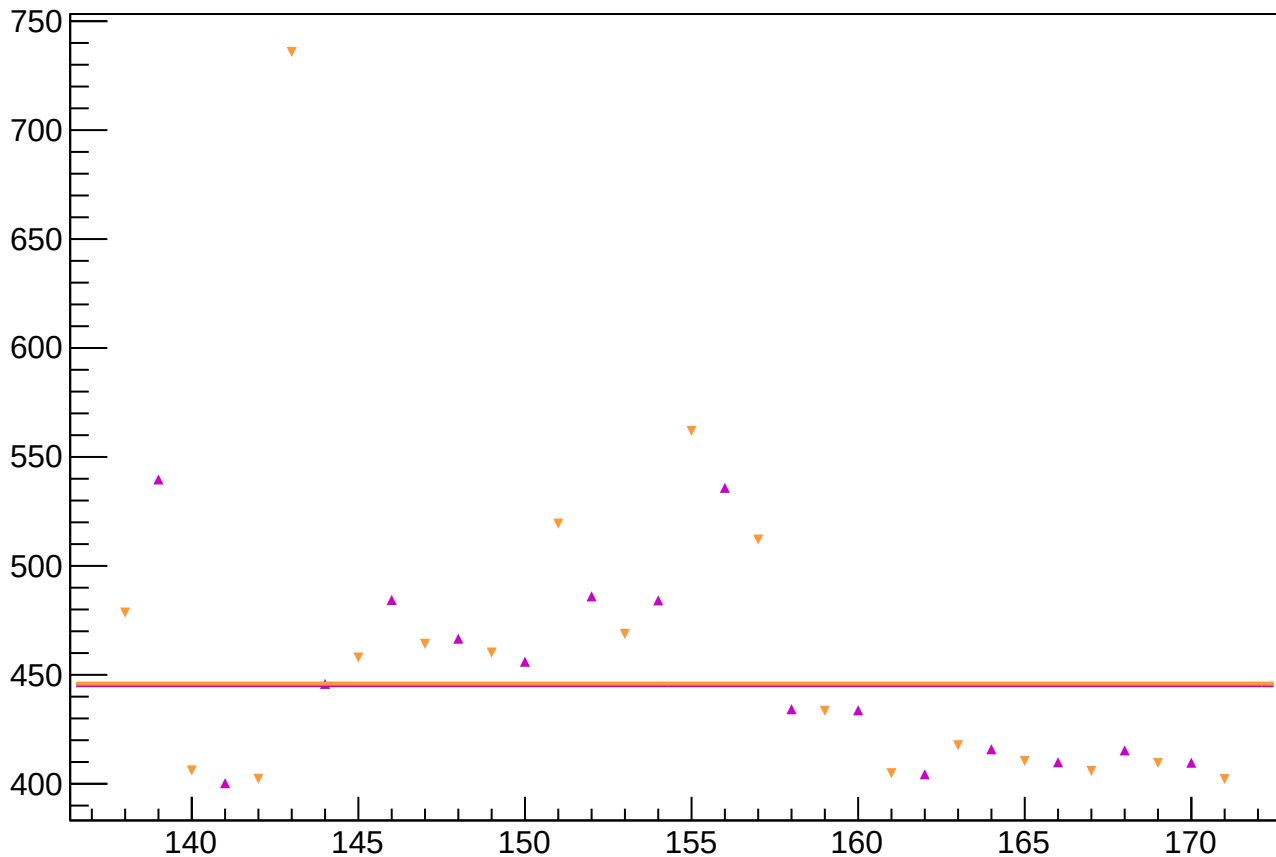
Left In: -106.439 $\pm$ 126.156 χ^2 /NDF: 14.5/15

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

All: 202.985 $\pm$ 88.017 χ^2 /NDF: 83.3/33

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

asym_at1_dd_correction_rms vs Slug



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

Left Out: 446.007+/-0.087 χ^2/NDF : 449210.4/17

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

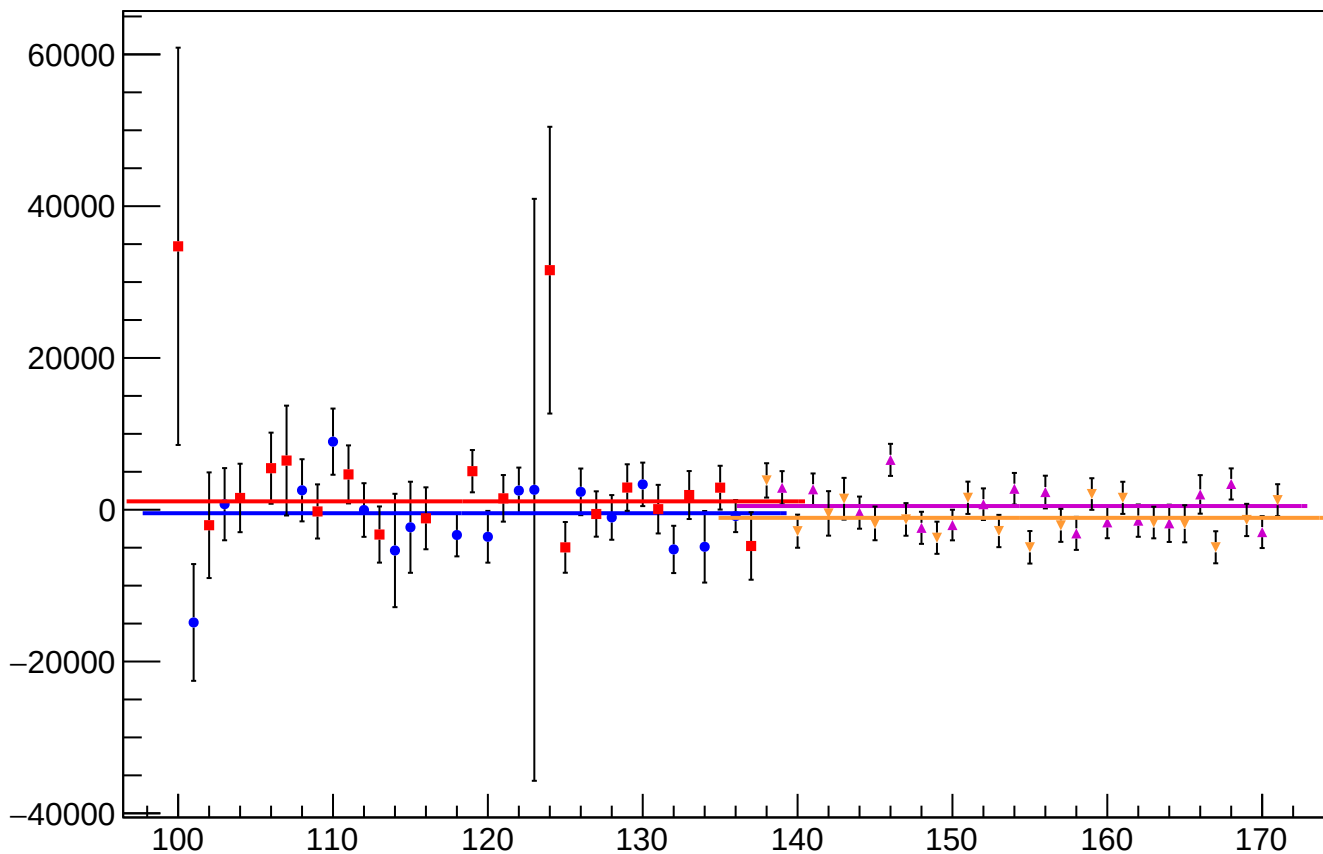
Left In: 445.215+/-0.089 χ^2/NDF : 204167.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.621+/-0.062 χ^2/NDF : 653418.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



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

Left Out: -1068.401+/-520.449 χ^2/NDF : 22.3/17

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

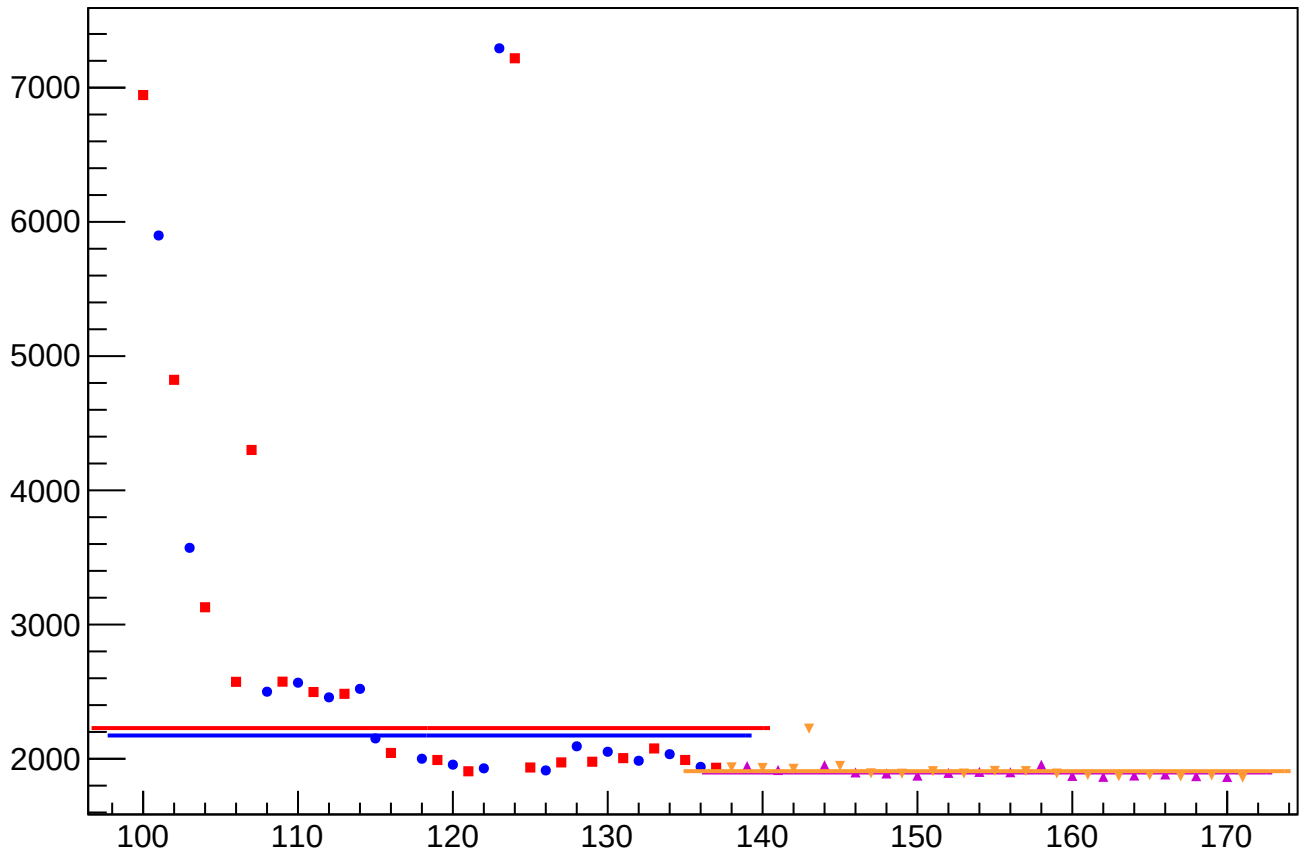
Left In: 488.193+/-536.312 χ^2/NDF : 26.6/15

+ sign -906.285+/-445.972 χ^2/NDF : 40.7/34

All: -141.426+/-318.879 χ^2/NDF : 90.6/69

- sign 658.658+/-456.126 χ^2/NDF : 43.9/34

asym_at1_dd_rms vs Slug



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

Left Out: 1907.868 $\pm$ 0.368 χ^2 /NDF:31908.6/17

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

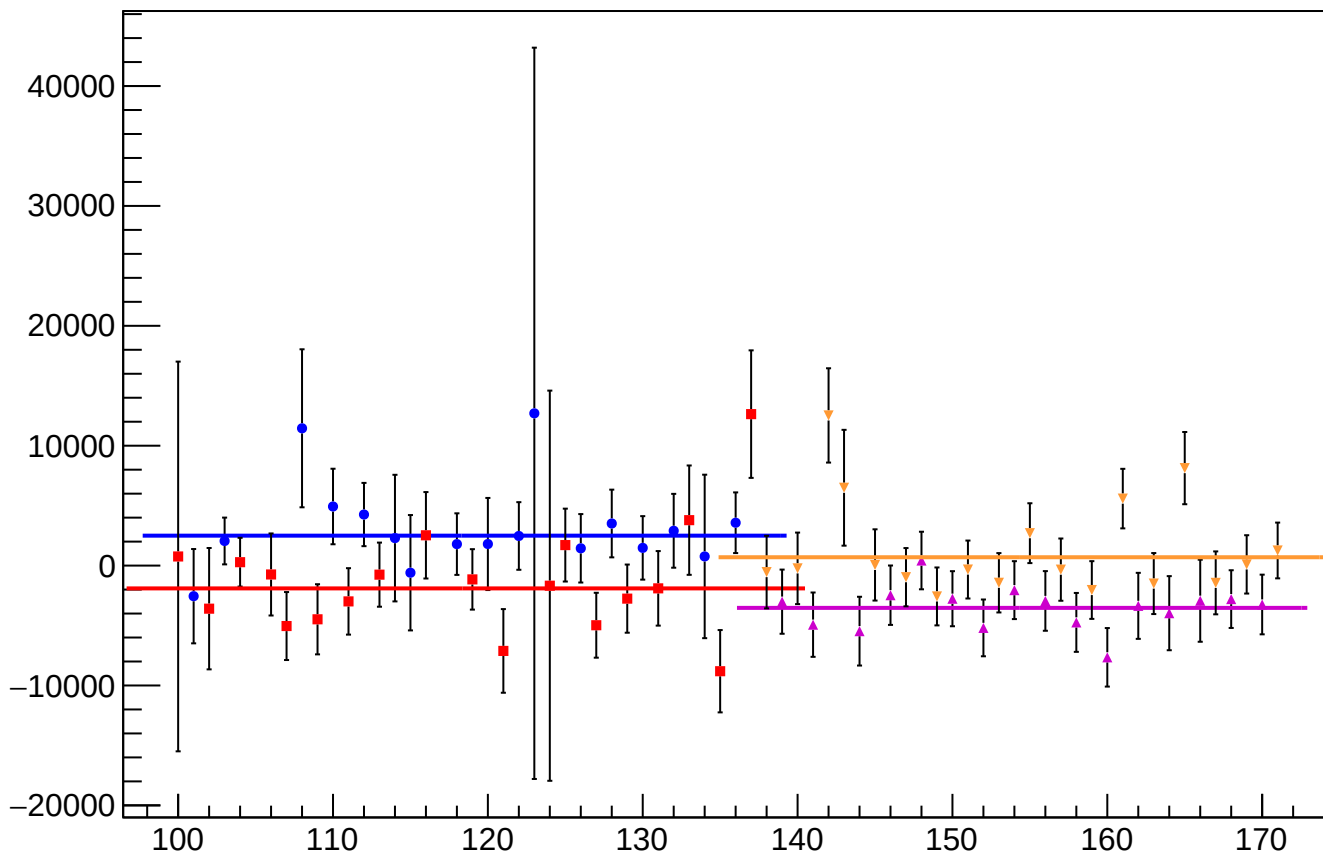
Left In: 1897.742 $\pm$ 0.379 χ^2 /NDF:5959.6/15

+ sign 1978.460 $\pm$ 0.315 χ^2 /NDF: 975740.3/34

All: 1983.789 $\pm$ 0.225 χ^2 /NDF: 2089116.0/69

- sign 1989.363 $\pm$ 0.323 χ^2 /NDF: 1112791.4/34

dit_asym_at2_avg_mean vs Slug



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

Left Out: 696.185 ± 629.335 χ^2/NDF : 27.6/17

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

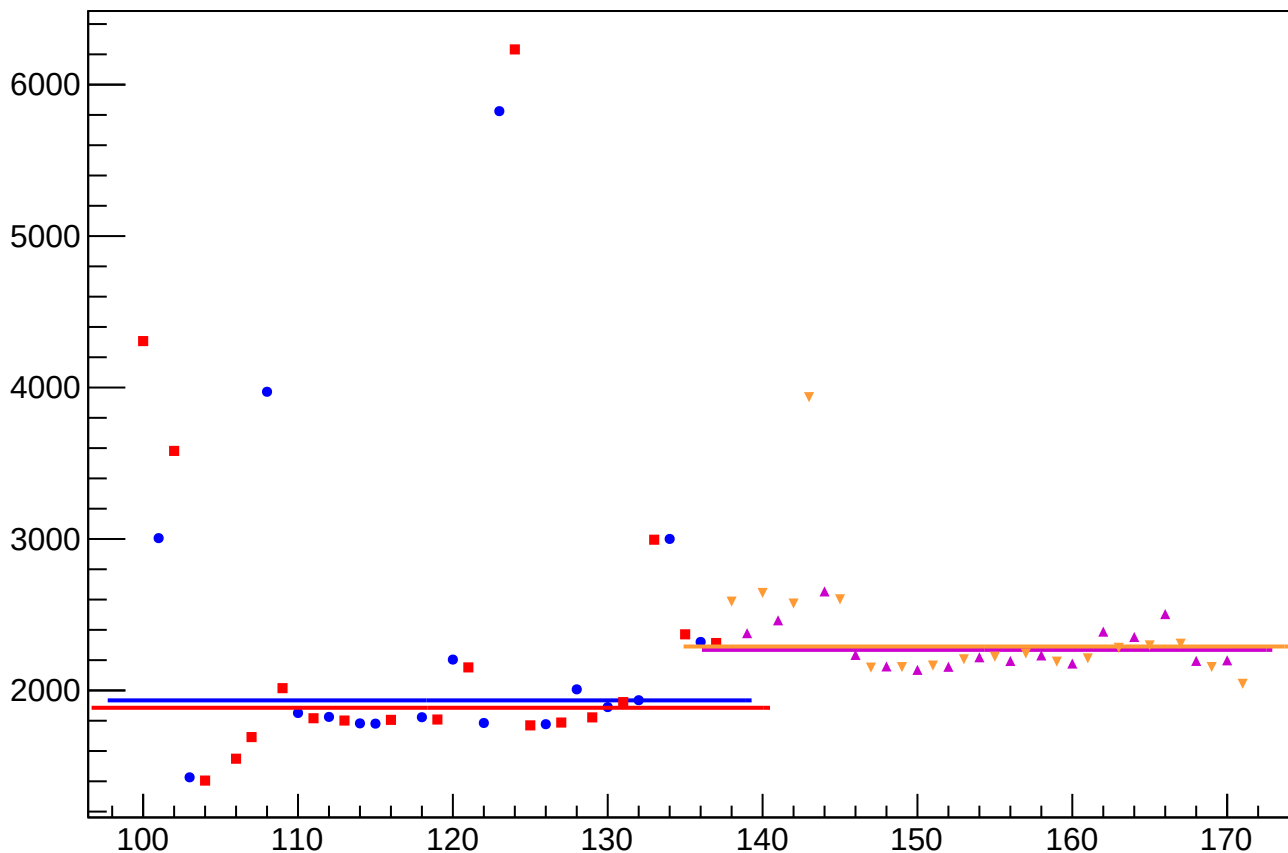
Left In: -3527.403 ± 641.899 χ^2/NDF : 8.0/15

+ sign 1419.142 ± 486.852 χ^2/NDF : 36.8/34

All: -716.189 ± 343.239 χ^2/NDF : 109.2/69

- sign -2826.467 ± 483.987 χ^2/NDF : 34.2/34

dit_asym_at2_avg_rms vs Slug



Right In: 1934.404 $\pm$ 0.543 χ^2 /NDF: 638920.4/16

Left Out: 2290.049 $\pm$ 0.445 χ^2 /NDF: 369041.9/17

Right Out: 1885.547 $\pm$ 0.521 χ^2 /NDF: 752091.8/18

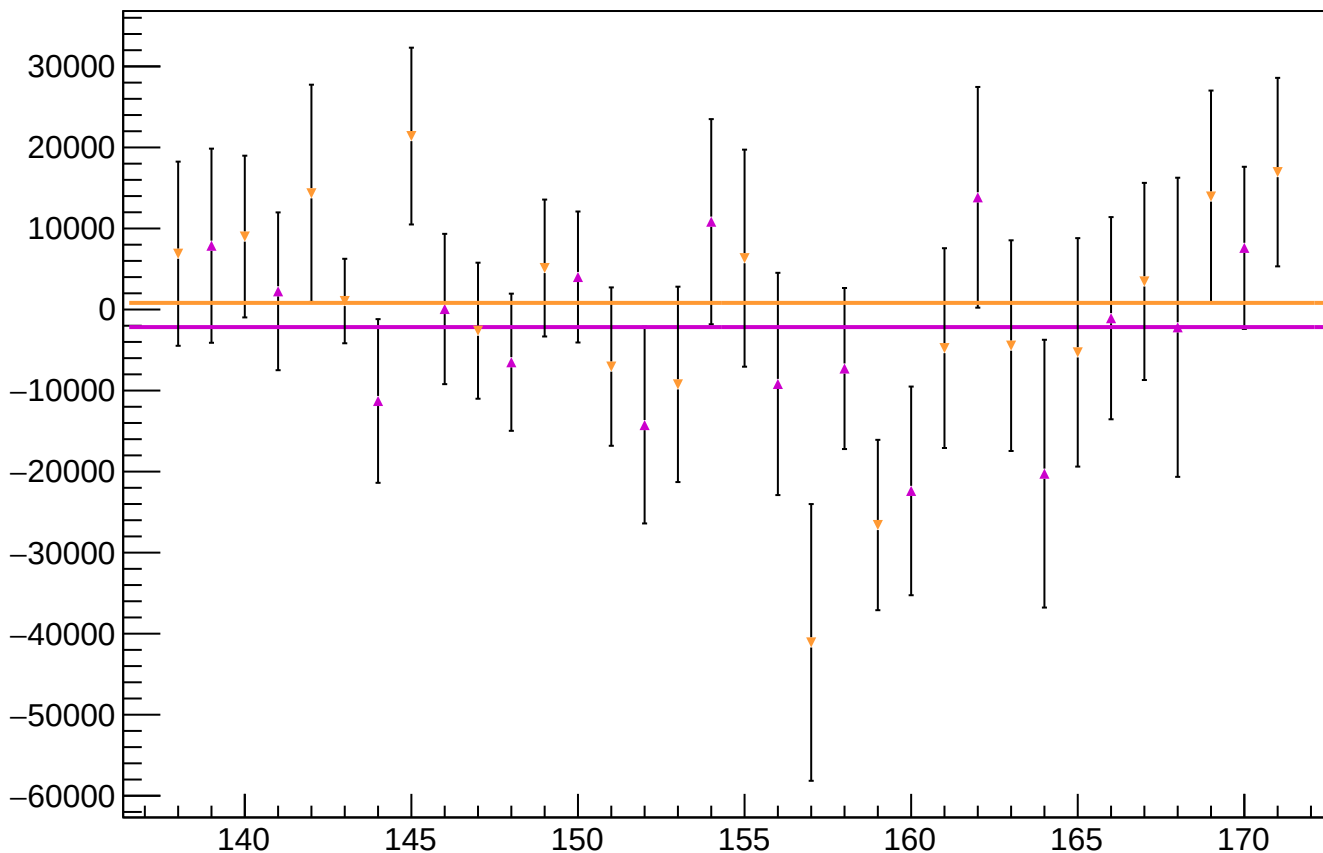
Left In: 2267.869 $\pm$ 0.454 χ^2 /NDF: 89727.6/15

+ sign 2147.241 $\pm$ 0.344 χ^2 /NDF: 1264433.4/34

All: 2124.920 $\pm$ 0.243 χ^2 /NDF: 2420822.3/69

- sign 2102.864 $\pm$ 0.342 χ^2 /NDF: 1148030.8/34

asym_at2_avg_correction_mean vs Slug



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

Left Out: 819.095 $\pm$ 2427.398 χ^2 /NDF:23.8/17

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

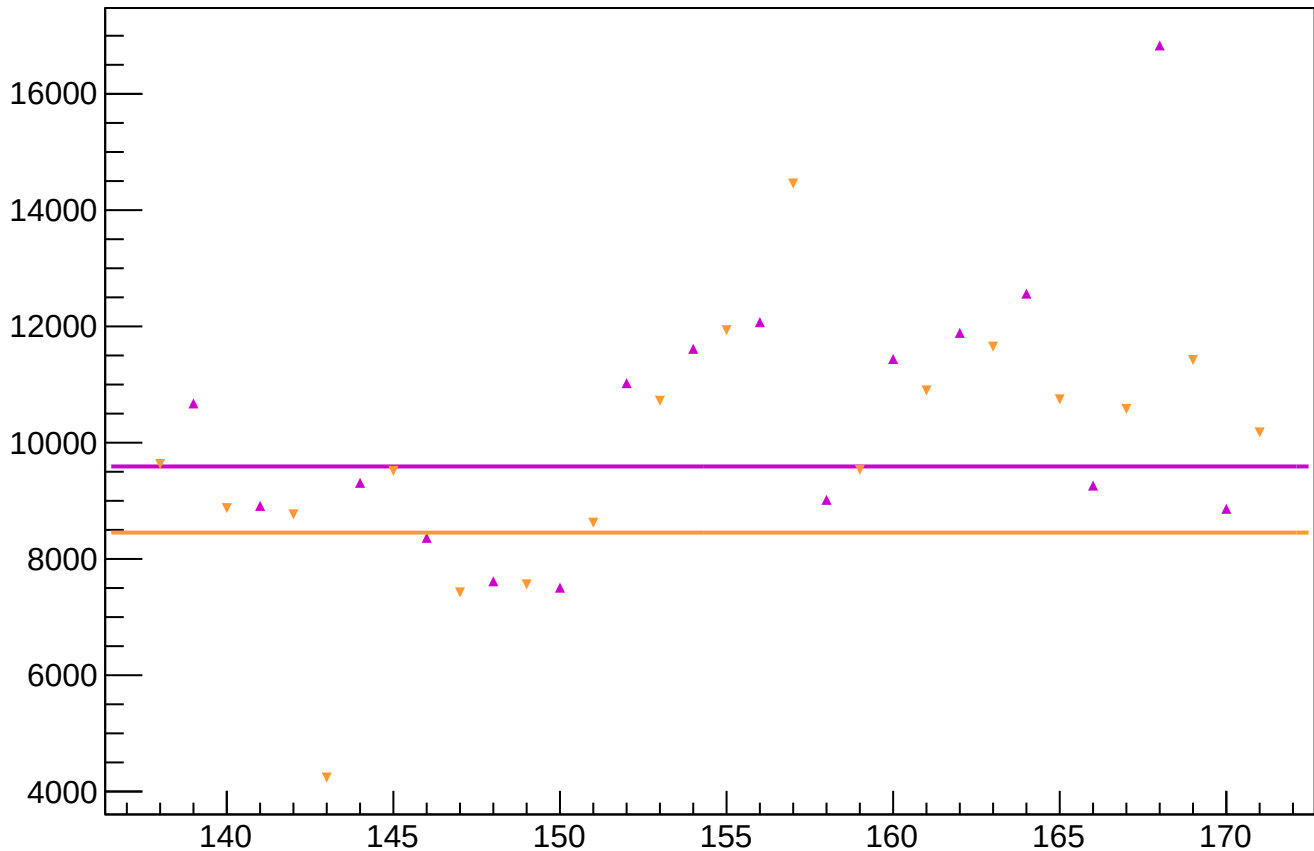
Left In: -2166.893 $\pm$ 2761.498 χ^2 /NDF:11.2/15

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

All: -482.433 $\pm$ 1823.171 χ^2 /NDF: 35.7/33

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

asym_at2_avg_correction_rms vs Slug



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

Left Out: 8453.393+/-1.716 χ^2/NDF : 2340186.1/17

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

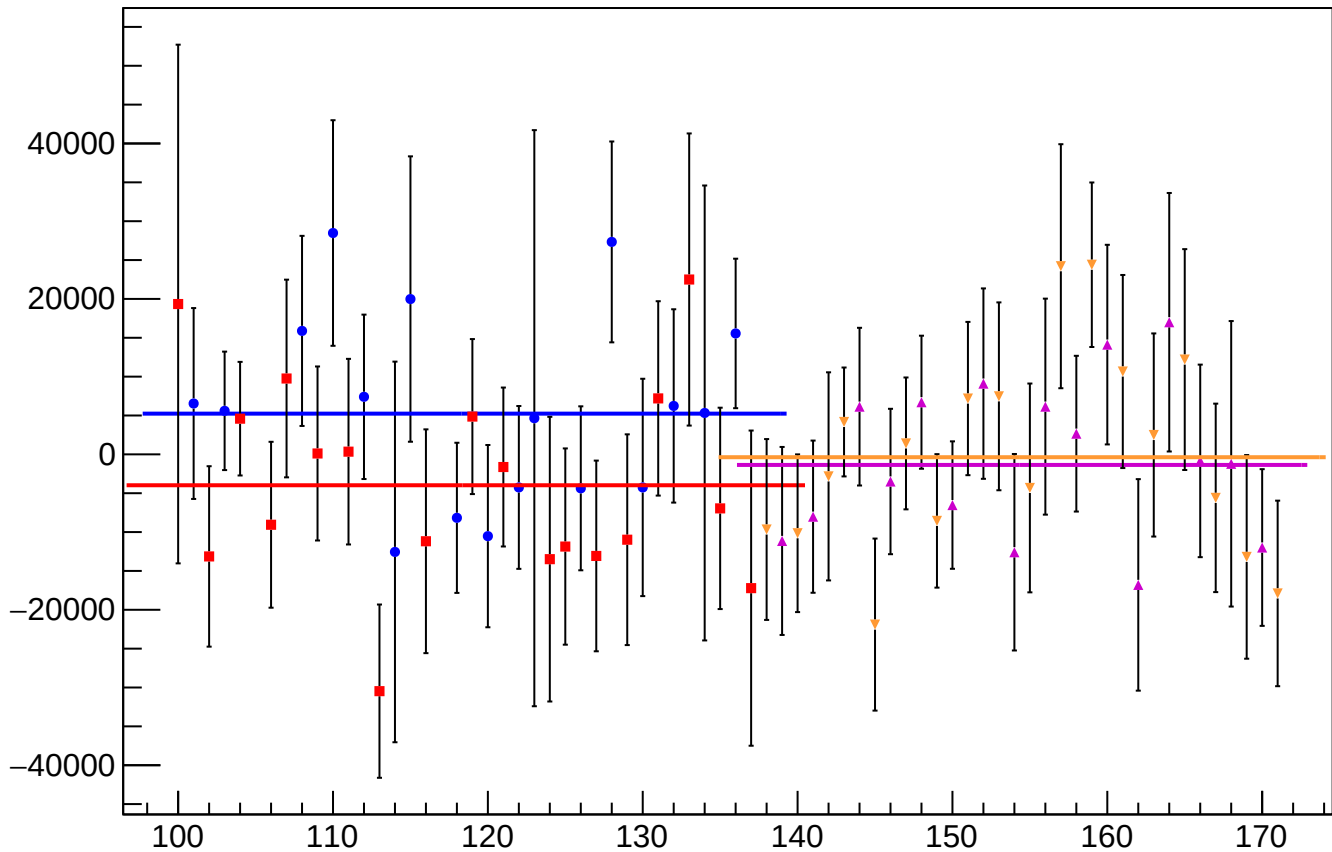
Left In: 9590.981+/-1.953 χ^2/NDF : 938628.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8949.243+/-1.289 χ^2/NDF : 3470276.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: -367.976 $\pm$ 2571.282 χ^2 /NDF:20.7/17

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

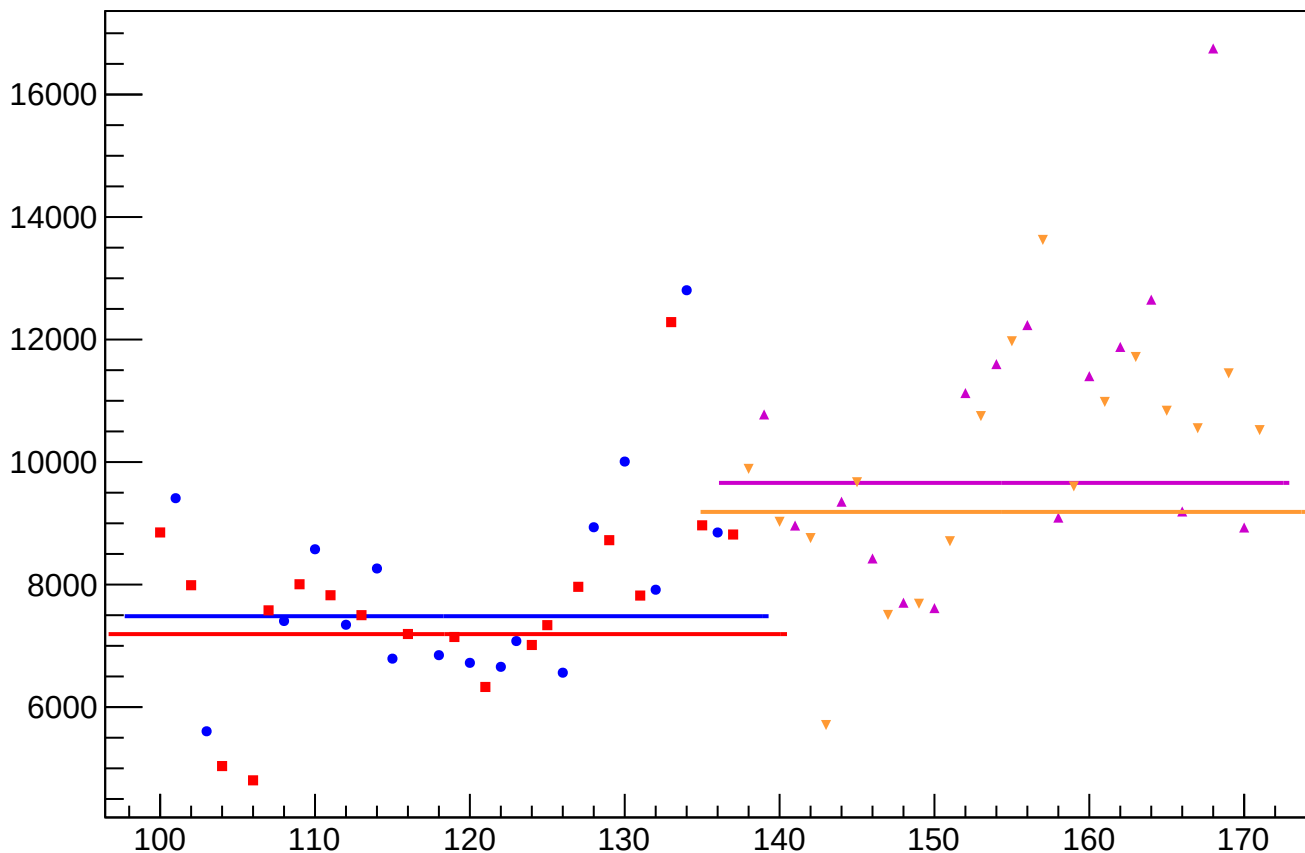
Left In: -1361.889 $\pm$ 2780.041 χ^2 /NDF:10.0/15

+ sign 2056.105 $\pm$ 1937.240 χ^2 /NDF: 37.2/34

All: -265.090 $\pm$ 1381.081 χ^2 /NDF: 66.2/69

- sign -2664.104 $\pm$ 1969.446 χ^2 /NDF: 26.1/34

asym_at2_avg_rms vs Slug



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

Left Out: 9186.304 $\pm$ 1.818 χ^2 /NDF:1187367.9/17

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

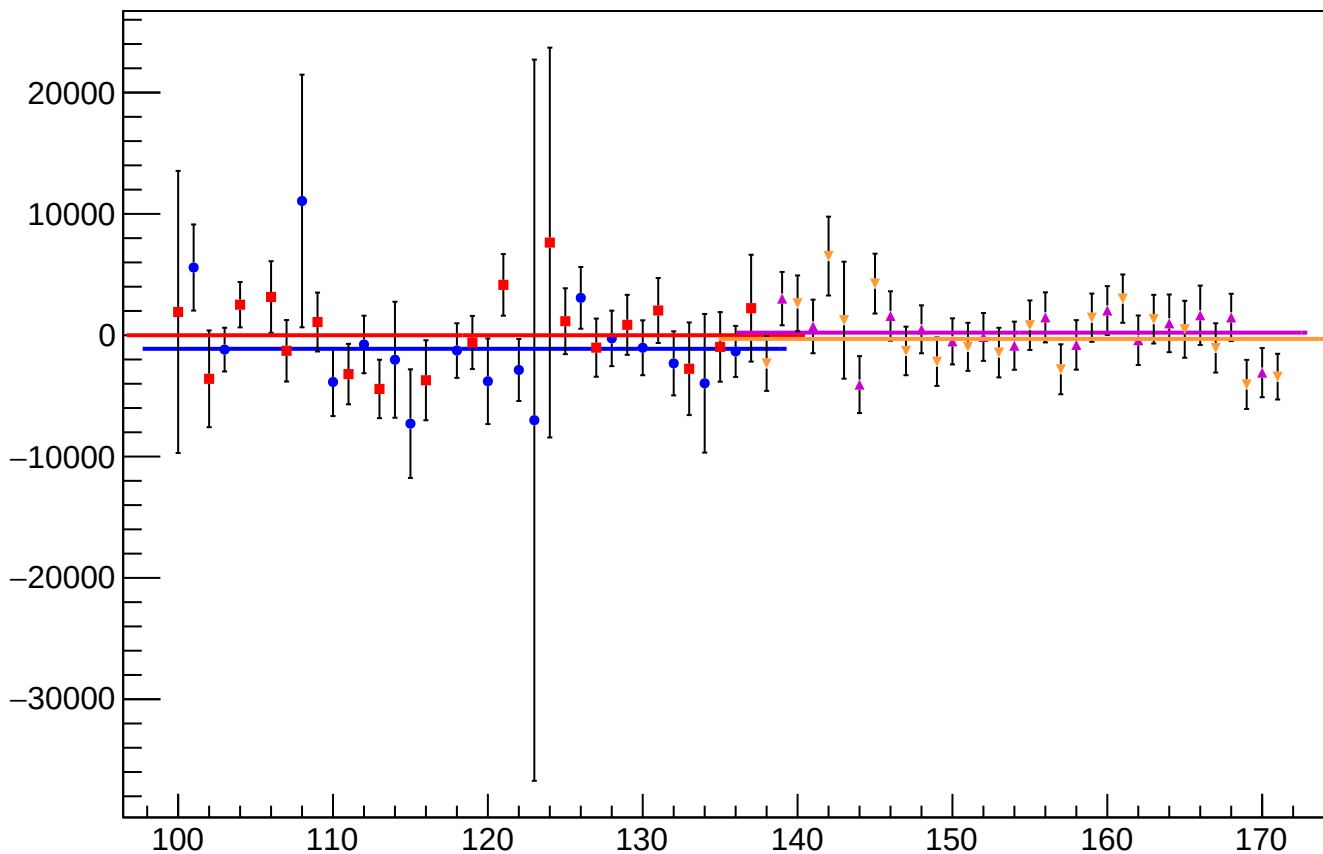
Left In: 9659.973 $\pm$ 1.966 χ^2 /NDF:909477.1/15

+ sign 8450.169 $\pm$ 1.370 χ^2 /NDF: 1998296.8/34

All: 8440.326 $\pm$ 0.977 χ^2 /NDF: 4252239.5/69

- sign 8430.153 $\pm$ 1.393 χ^2 /NDF: 2253837.8/34

dit_asym_at2_dd_mean vs Slug



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

Left Out: -303.233 $\pm$ 508.986 χ^2 /NDF: 24.3/17

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

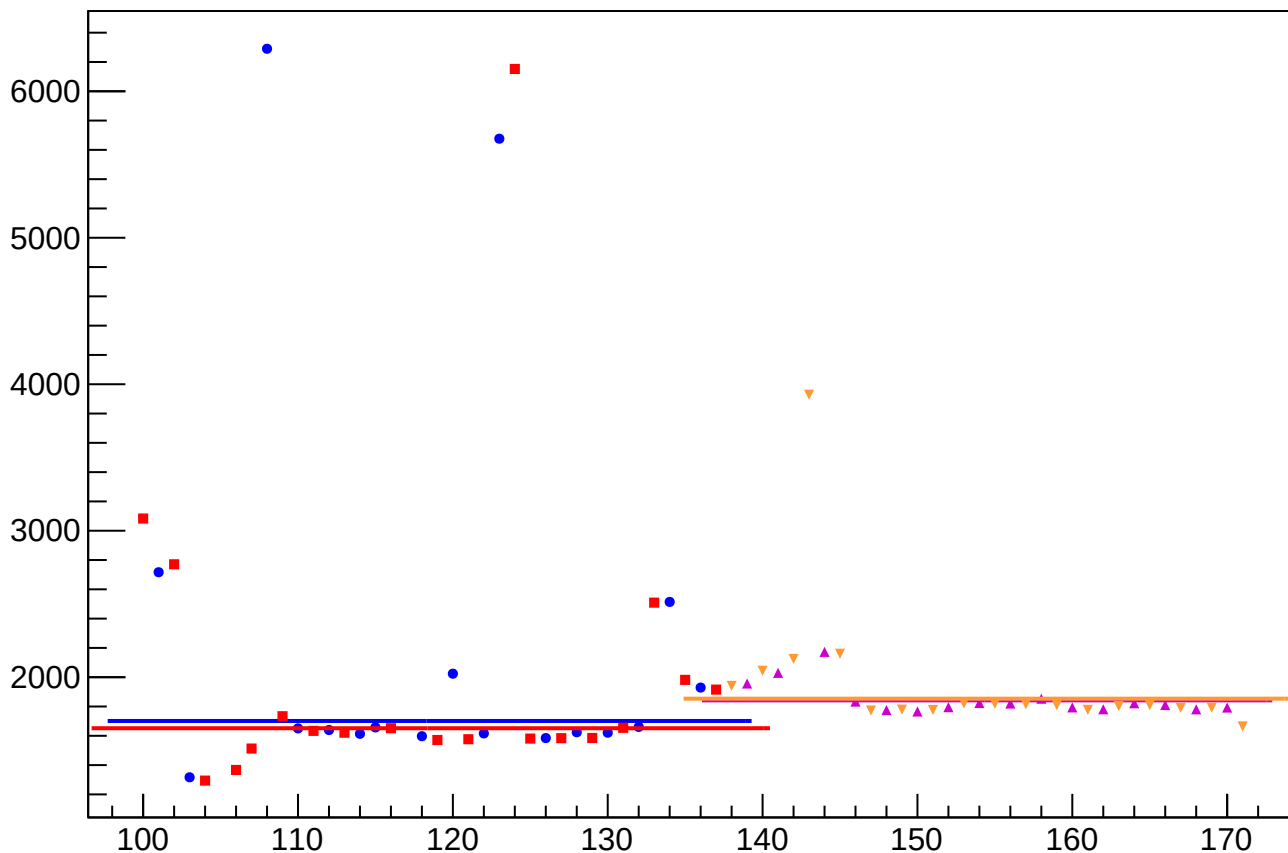
Left In: 213.629 $\pm$ 520.322 χ^2 /NDF: 11.0/15

+ sign -597.163 $\pm$ 407.300 χ^2 /NDF: 37.5/34

All: -231.537 $\pm$ 286.705 χ^2 /NDF: 65.6/69

- sign 127.563 $\pm$ 403.649 χ^2 /NDF: 26.5/34

dit_asym_at2_dd_rms vs Slug



Right In: 1701.283 $\pm$ 0.480 χ^2 /NDF: 778718.7/16

Left Out: 1853.532 $\pm$ 0.360 χ^2 /NDF: 472821.2/17

Right Out: 1651.734 $\pm$ 0.452 χ^2 /NDF: 588842.2/18

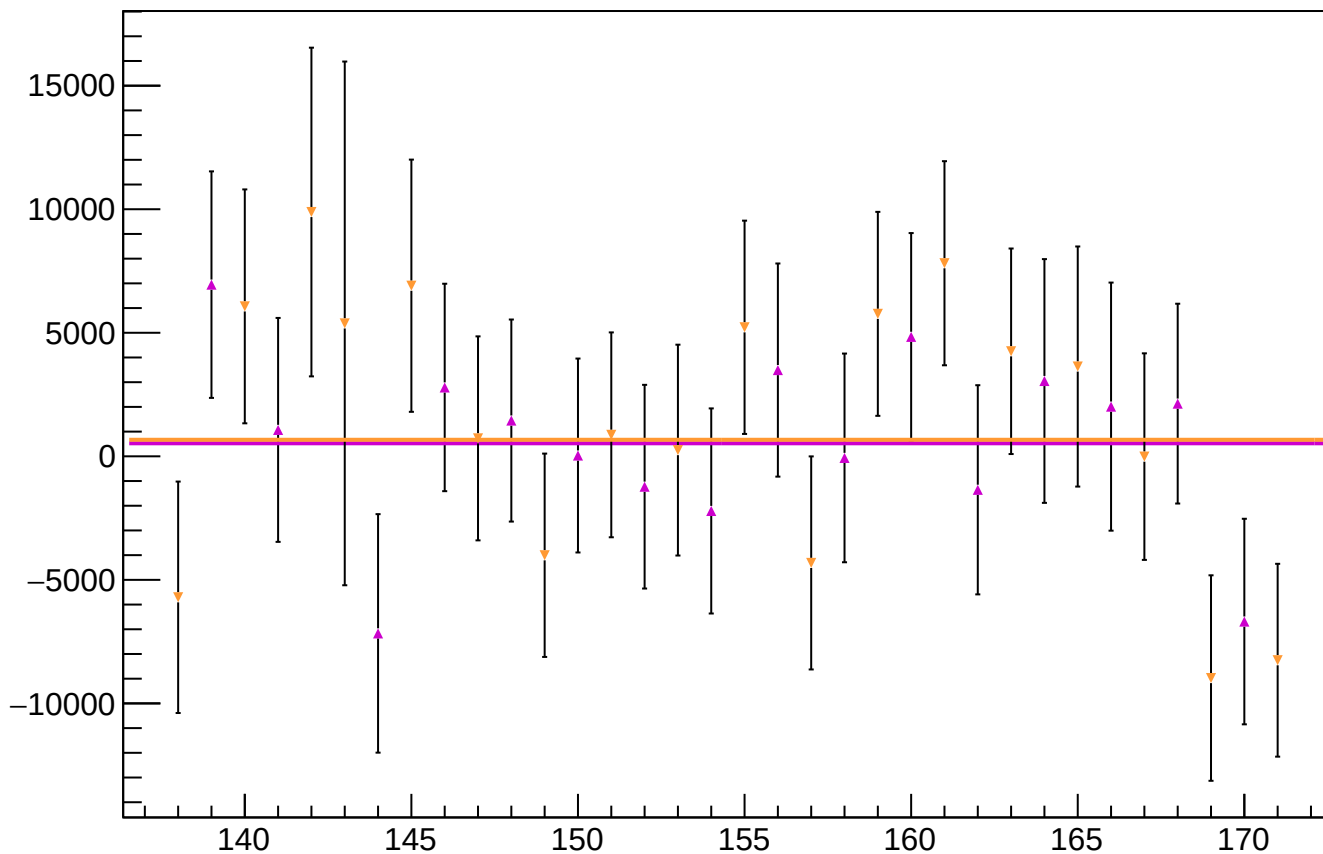
Left In: 1841.957 $\pm$ 0.368 χ^2 /NDF: 73334.0/15

+ sign 1798.775 $\pm$ 0.288 χ^2 /NDF: 1315899.6/34

All: 1782.348 $\pm$ 0.203 χ^2 /NDF: 2090963.2/69

- sign 1766.213 $\pm$ 0.285 χ^2 /NDF: 768614.5/34

asym_at2_dd_correction_mean vs Slug



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

Left Out: 669.804 $\pm$ 1056.071 χ^2 /NDF:26.8/17

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

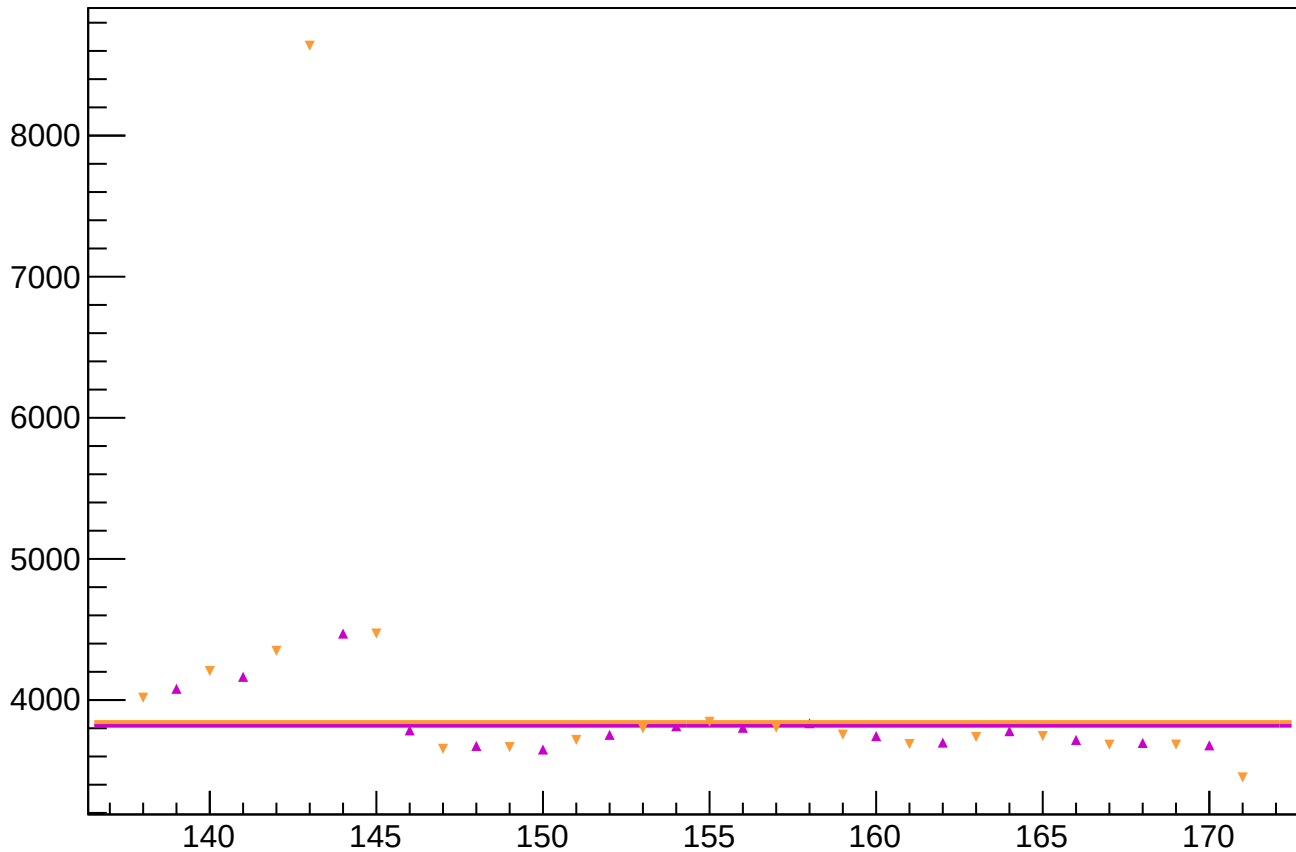
Left In: 526.886 $\pm$ 1078.535 χ^2 /NDF:10.7/15

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

All: 599.849 $\pm$ 754.572 χ^2 /NDF: 37.5/33

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

asym_at2_dd_correction_rms vs Slug



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

Left Out: 3843.767+/-0.747 χ^2/NDF : 507364.7/17

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

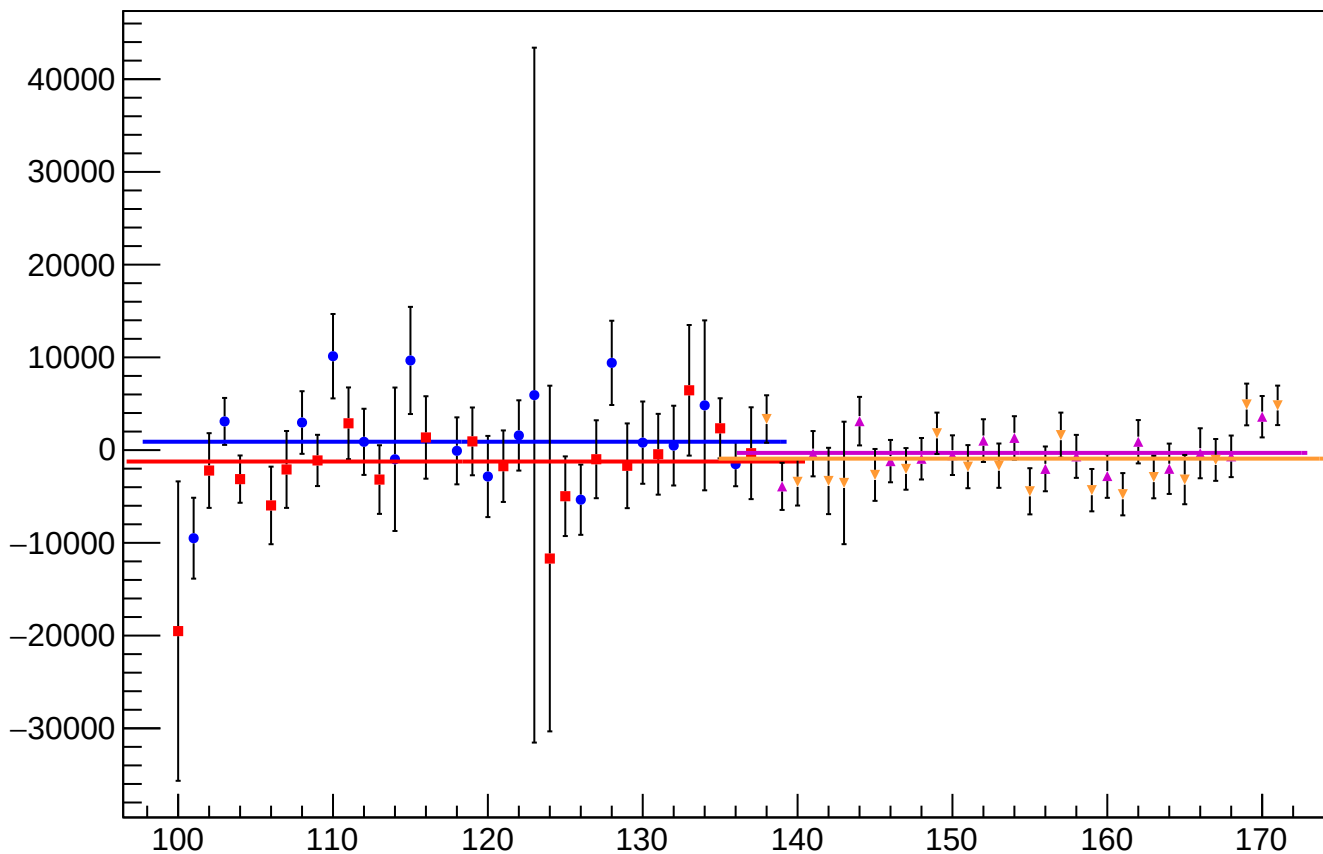
Left In: 3818.469+/-0.763 χ^2/NDF : 68811.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3831.384+/-0.534 χ^2/NDF : 576737.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



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

Left Out: -919.698 ± 581.620 χ^2/NDF : 30.4/17

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

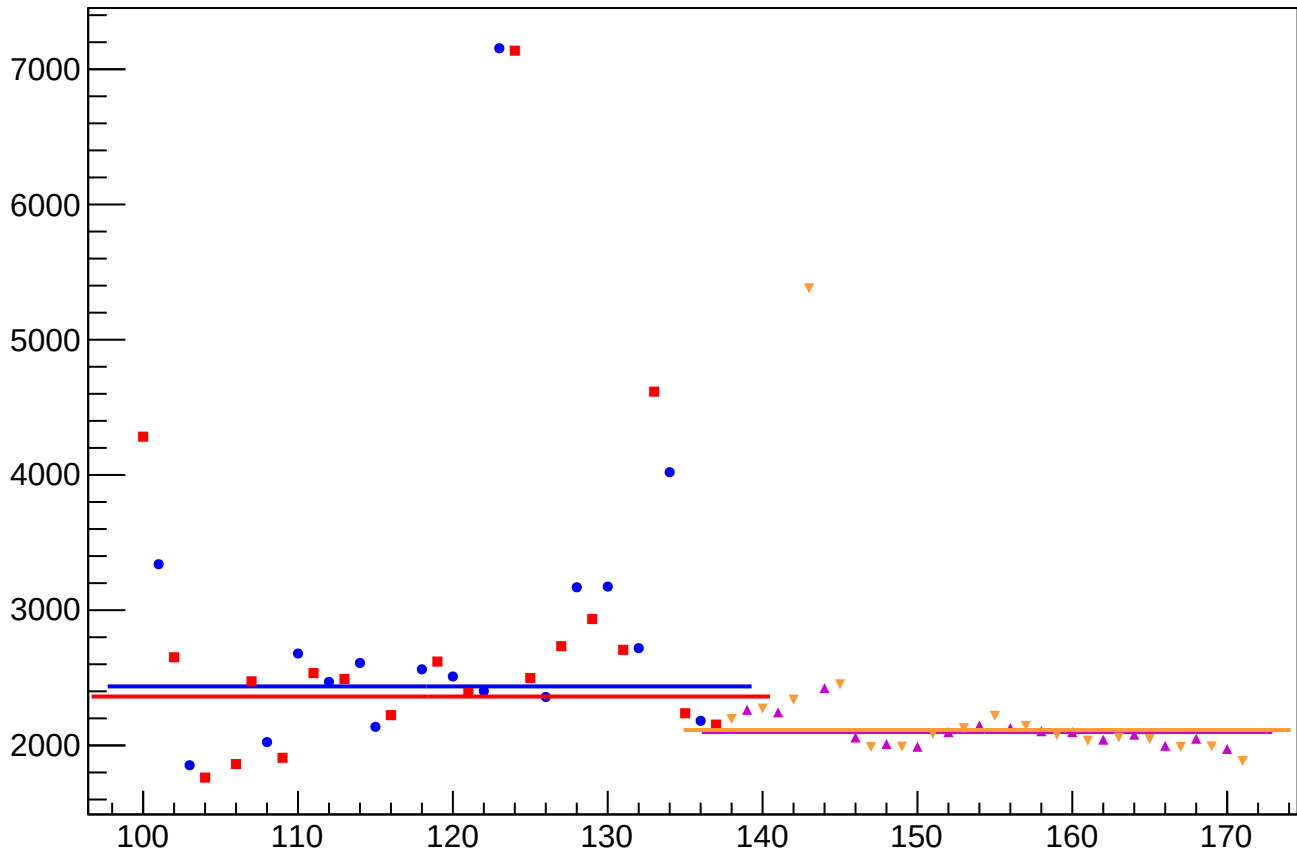
Left In: -300.051 ± 592.982 χ^2/NDF : 10.2/15

+ sign -431.652 ± 497.712 χ^2/NDF : 54.6/34

All: -501.212 ± 352.466 χ^2/NDF : 74.5/69

- sign -571.193 ± 499.216 χ^2/NDF : 19.8/34

asym_at2_dd_rms vs Slug



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

Left Out: 2113.677+/-0.411 χ^2/NDF : 593268.7/17

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

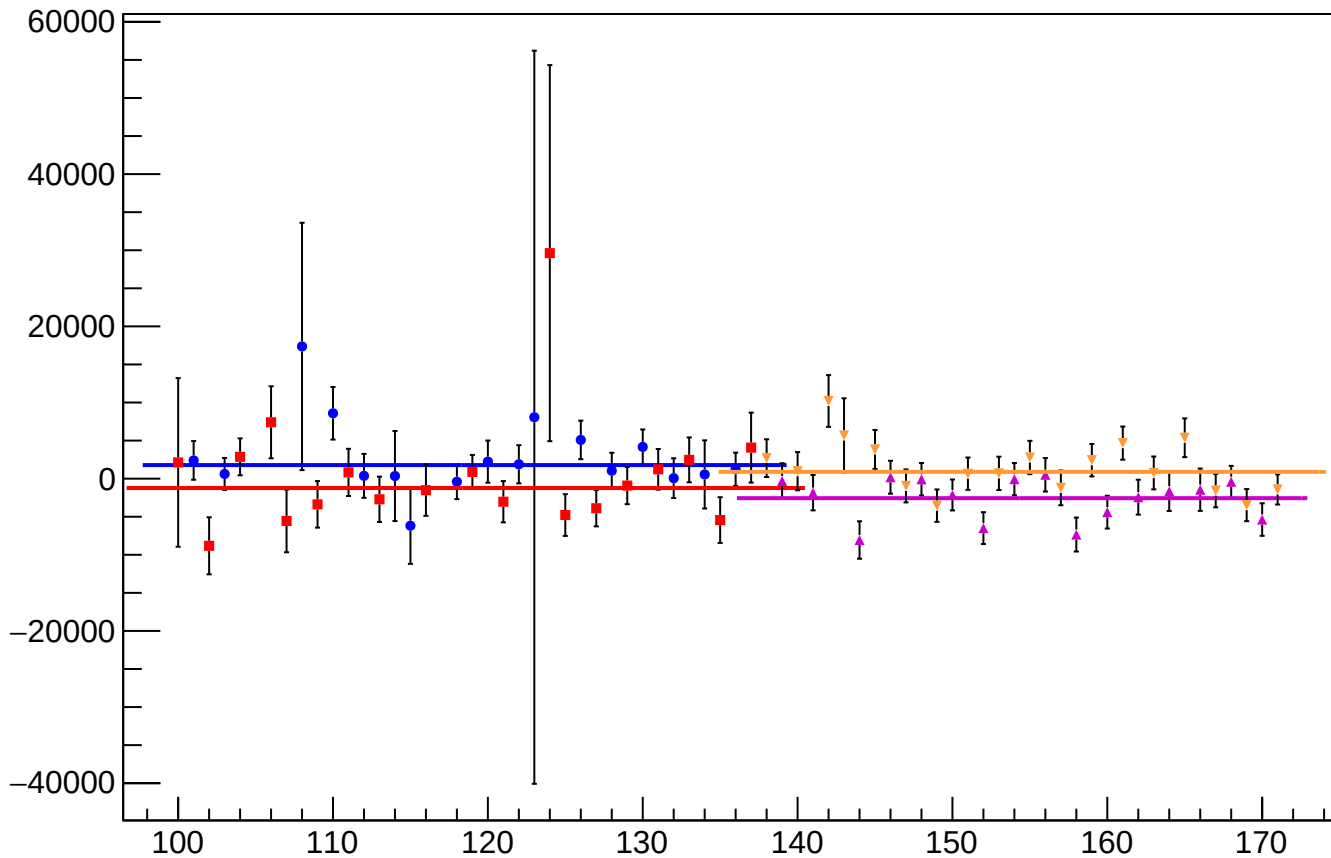
Left In: 2099.497+/-0.419 χ^2/NDF : 67670.9/15

+ sign 2200.038+/-0.352 χ^2/NDF : 1226525.4/34

All: 2187.967+/-0.249 χ^2/NDF : 2066170.7/69

- sign 2175.823+/-0.353 χ^2/NDF : 837285.2/34

dit_asym_atl_avg_mean vs Slug



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

Left Out: 893.577 $\pm$ 546.023 χ^2 /NDF:30.5/17

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

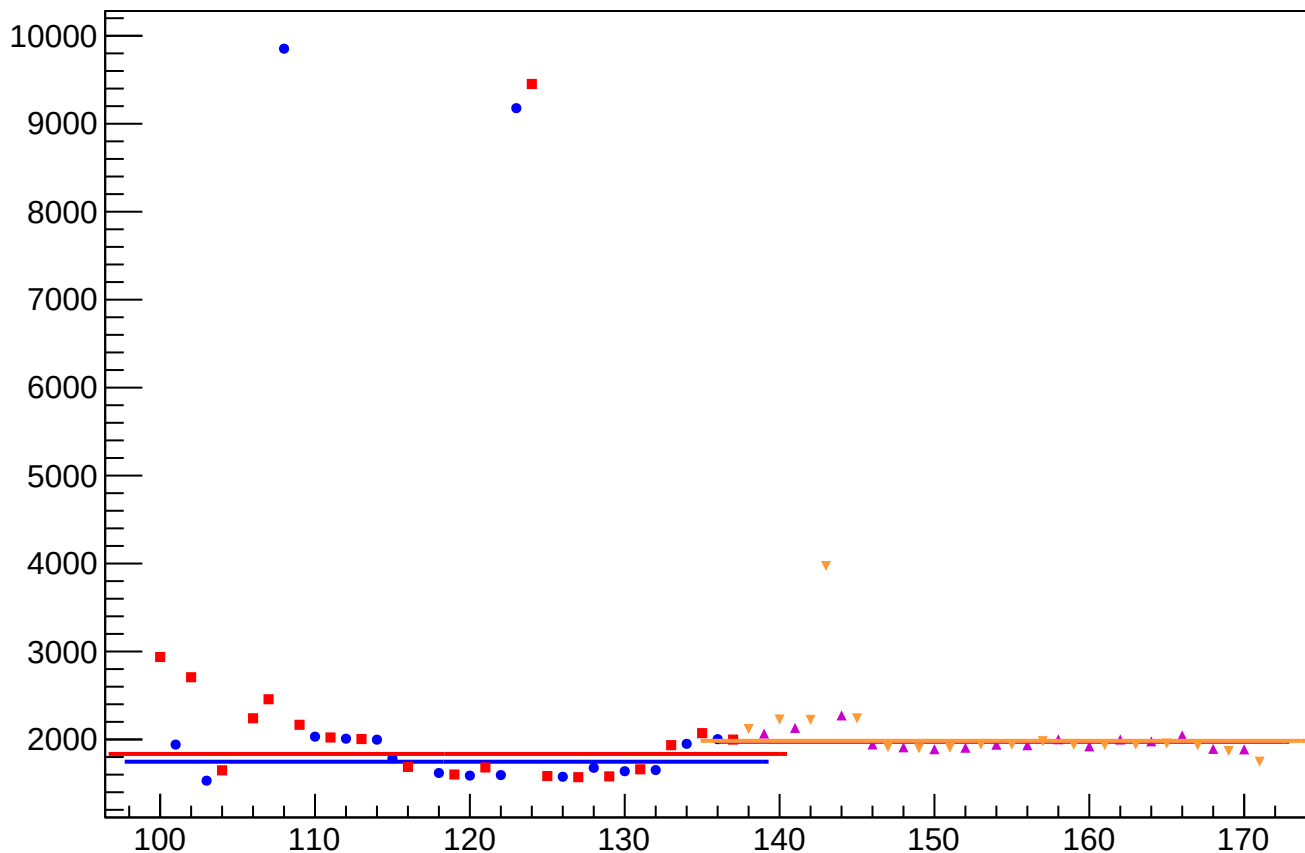
Left In: -2563.281 $\pm$ 558.477 χ^2 /NDF:24.3/15

+ sign 1233.589 $\pm$ 429.222 χ^2 /NDF: 44.0/34

All: -373.896 $\pm$ 306.739 χ^2 /NDF: 123.4/69

- sign -2051.743 $\pm$ 438.515 χ^2 /NDF: 50.8/34

dit_asym_atl_avg_rms vs Slug



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

Left Out: 1984.517+/-0.386 χ^2/NDF : 433305.1/17

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

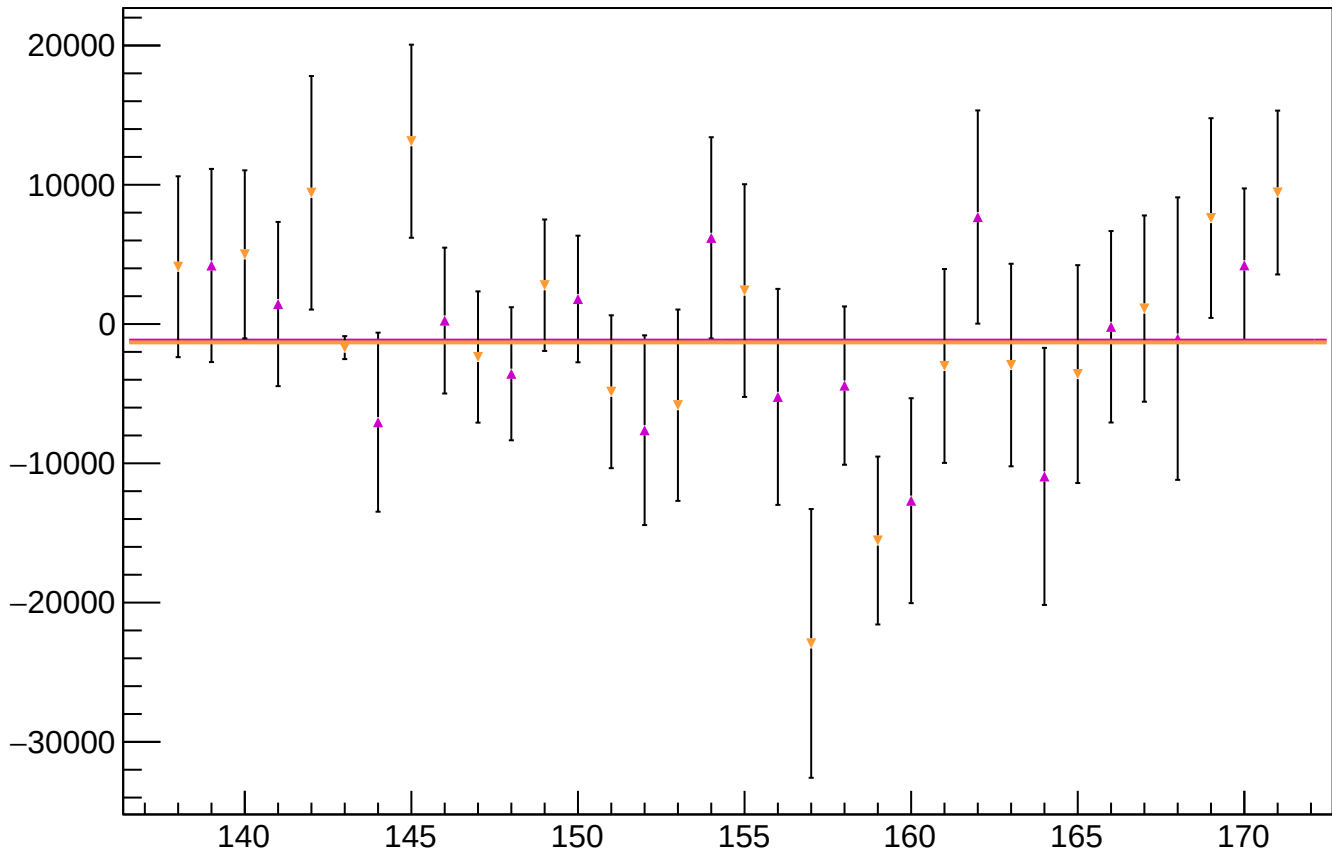
Left In: 1972.600+/-0.395 χ^2/NDF : 60360.9/15

+ sign 1893.707+/-0.304 χ^2/NDF : 1260579.2/34

All: 1906.537+/-0.217 χ^2/NDF : 1921339.2/69

- sign 1919.916+/-0.310 χ^2/NDF : 657109.6/34

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1315.360+/-728.499 χ^2/NDF :25.7/17

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

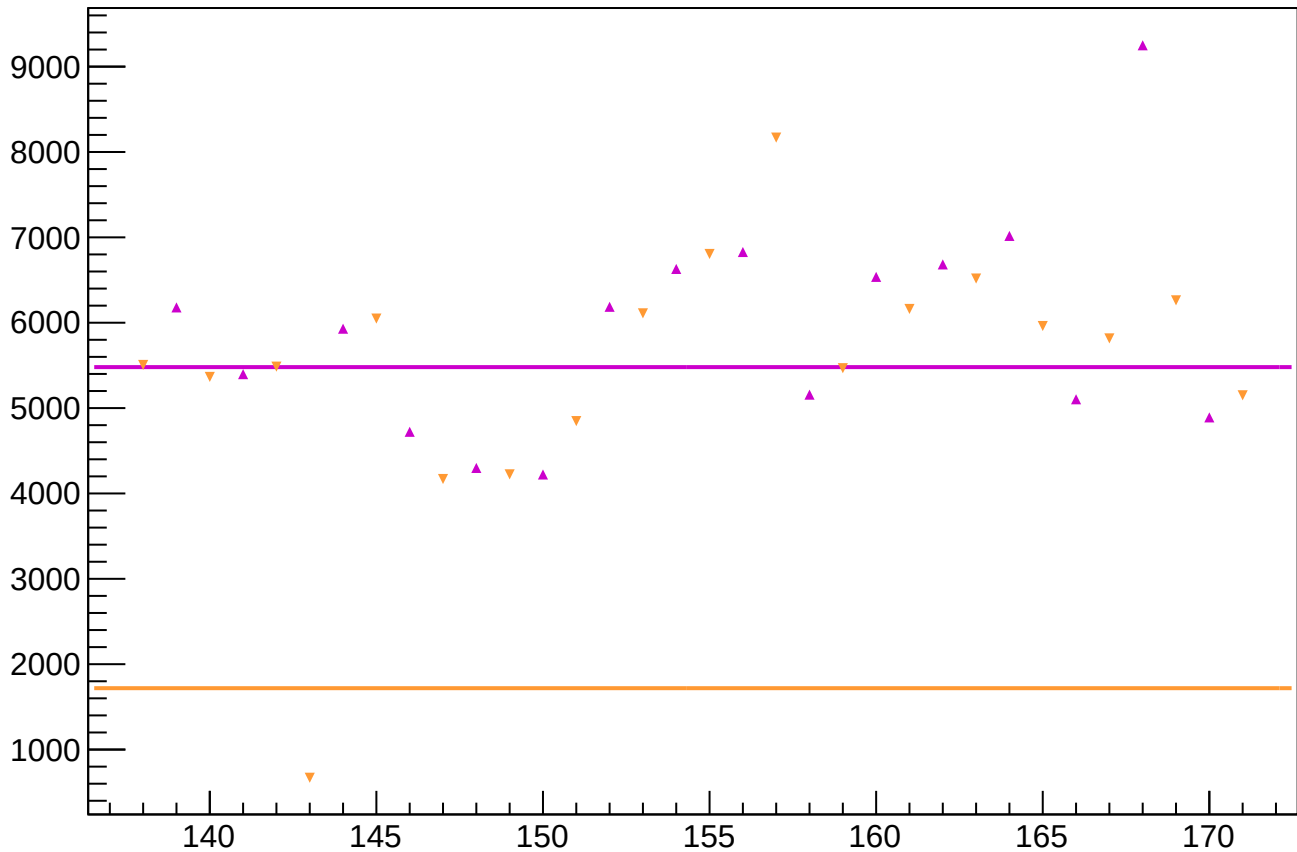
Left In: -1191.999+/-1577.715 χ^2/NDF :10.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1293.680+/-661.396 χ^2/NDF : 36.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1718.885+/-0.515 χ^2/NDF :15468761.2/17

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

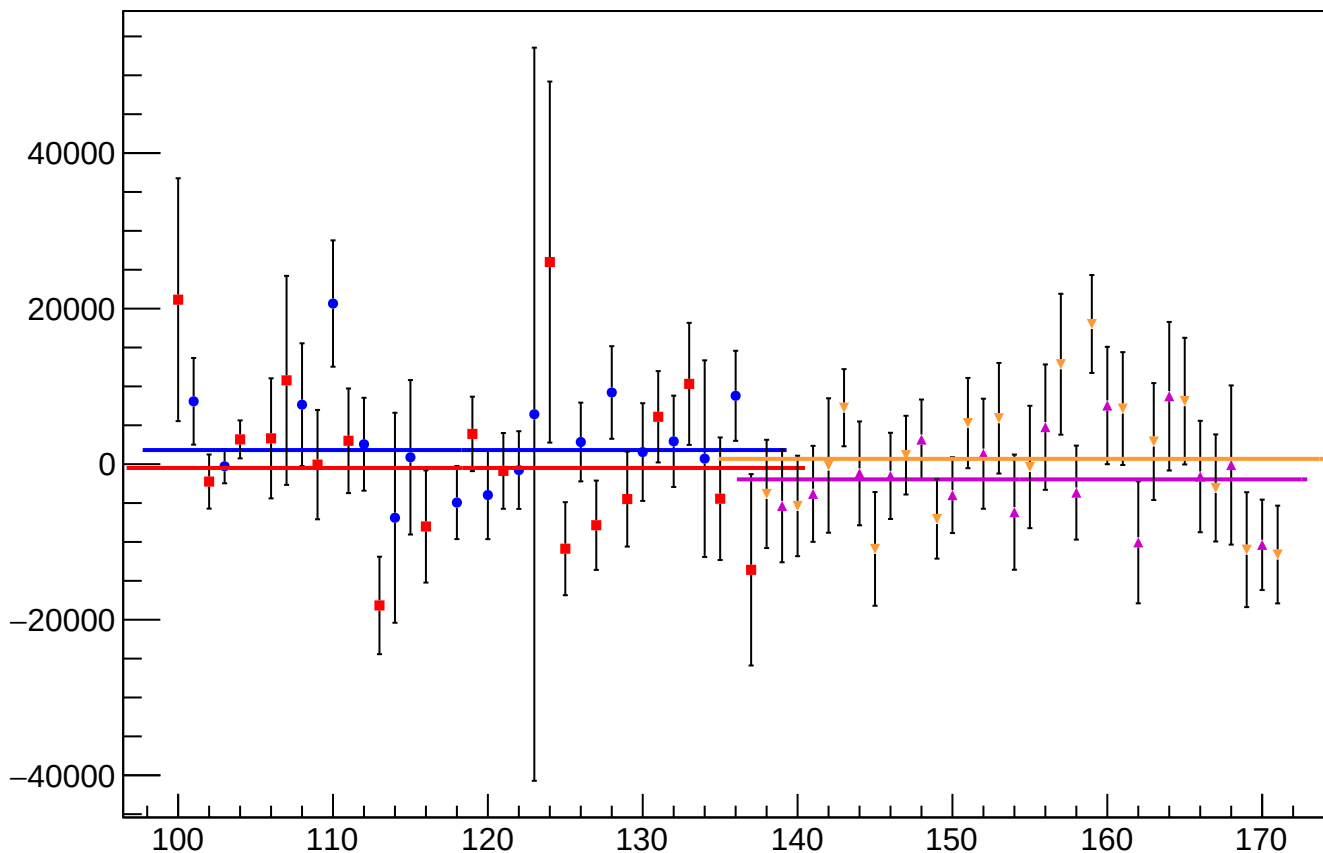
Left In: 5480.038+/-1.116 χ^2/NDF :938145.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2379.863+/-0.468 χ^2/NDF : 25775619.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 684.773+/-1553.310 χ^2/NDF : 26.8/17

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

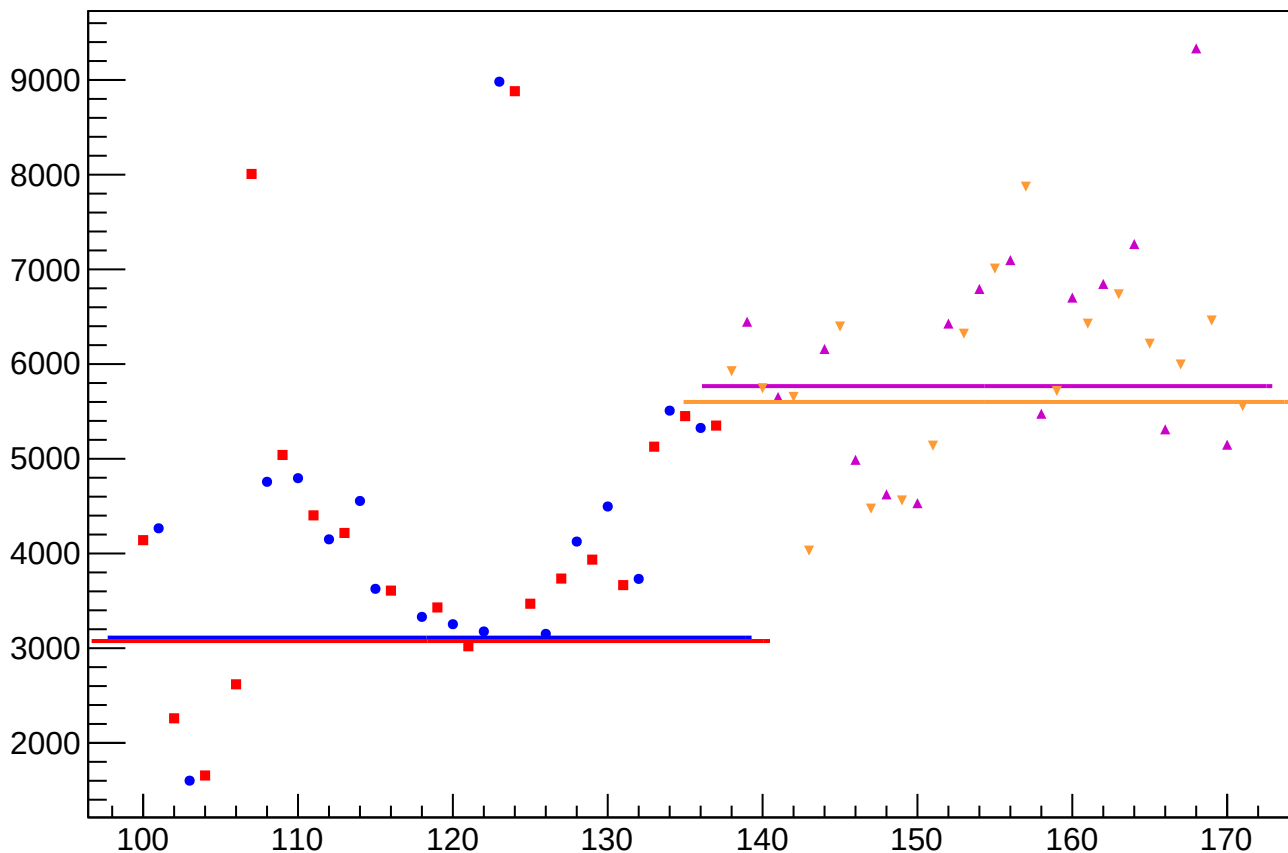
Left In: -1954.074+/-1656.472 χ^2/NDF : 8.8/15

+ sign 1348.458+/-997.517 χ^2/NDF : 42.1/34

All: 176.170+/-711.743 χ^2/NDF : 80.7/69

- sign -1039.595+/-1015.846 χ^2/NDF : 35.8/34

asym_atl_avg_rms vs Slug



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

Left Out: 5600.080+/-1.098 χ^2 /NDF: 752706.3/17

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

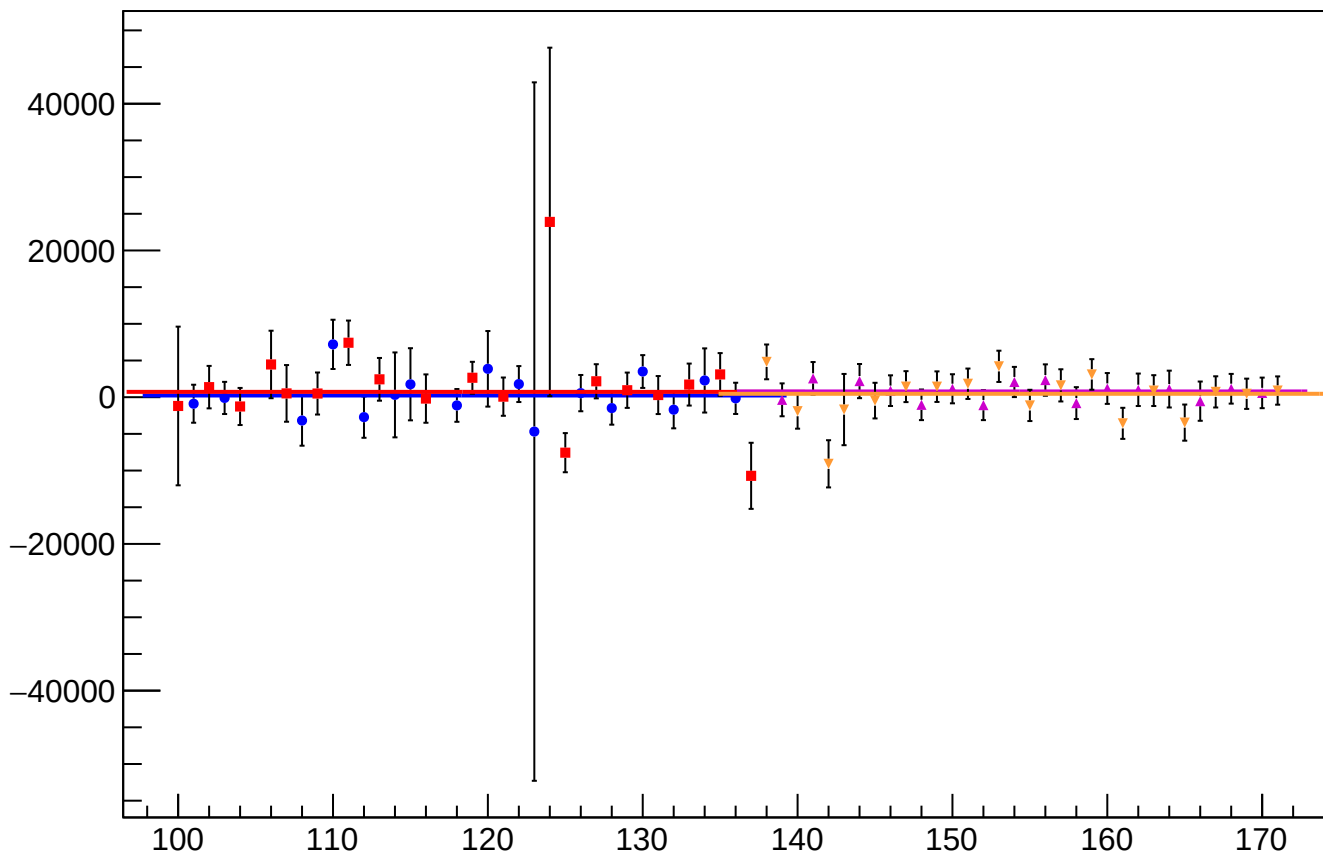
Left In: 5767.374+/-1.171 χ^2 /NDF: 798168.6/15

+ sign 4137.833+/-0.705 χ^2 /NDF: 5648005.9/34

All: 4104.083+/-0.501 χ^2 /NDF: 11790920.7/6

- sign 4069.716+/-0.712 χ^2 /NDF: 6138294.1/34

dit_asym_atl_dd_mean vs Slug



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

Left Out: 463.394+/-529.374 χ^2/NDF : 26.2/17

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

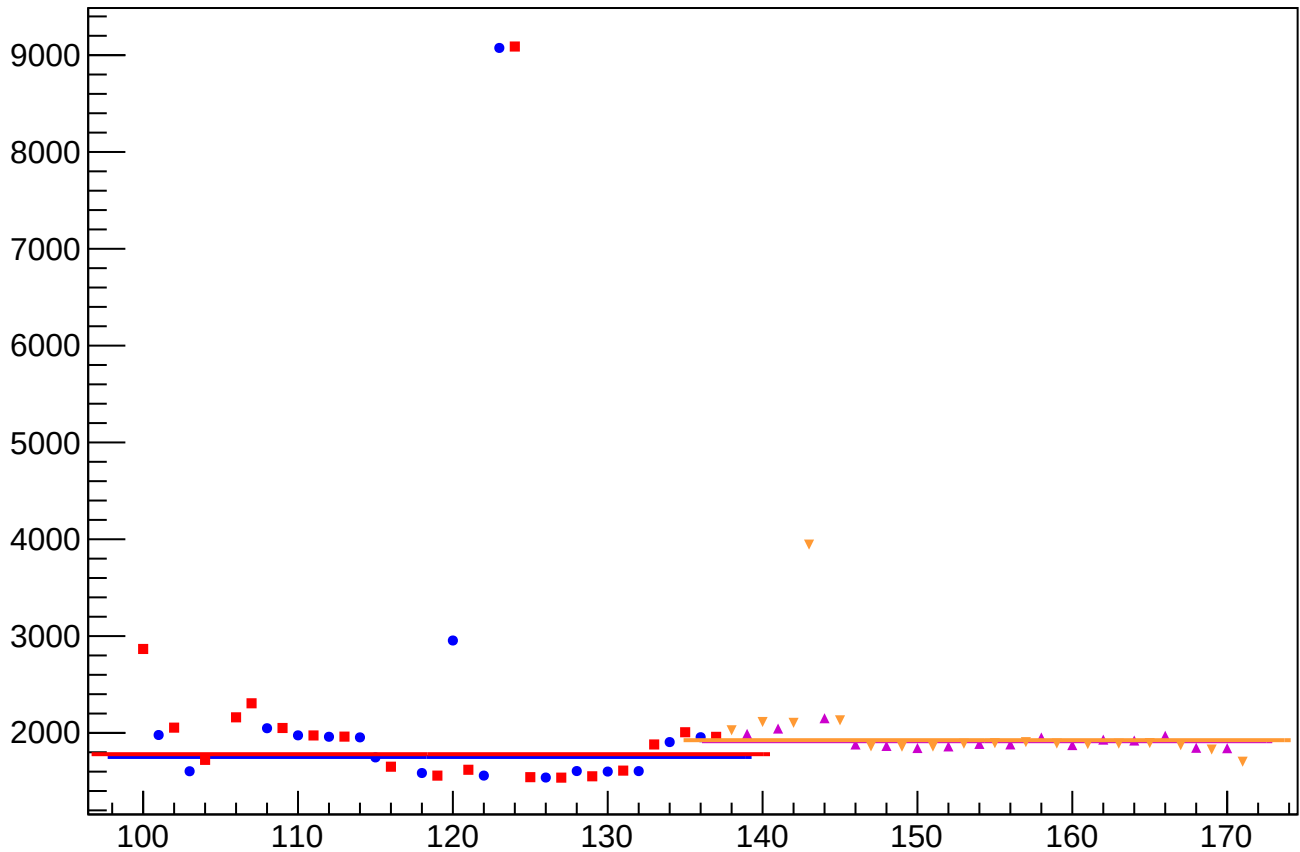
Left In: 783.509+/-541.731 χ^2/NDF : 4.7/15

+ sign 377.274+/-419.277 χ^2/NDF : 37.8/34

All: 566.869+/-298.377 χ^2/NDF : 68.7/69

- sign 761.413+/-424.714 χ^2/NDF : 30.5/34

dit_asym_atl_dd_rms vs Slug



Right In: 1751.850 ± 0.486 $\chi^2/\text{NDF}: 300898.3/16$

Left Out: 1924.791 ± 0.374 $\chi^2/\text{NDF}: 424148.8/17$

+ sign 1860.336 ± 0.296 $\chi^2/\text{NDF}: 804600.4/34$

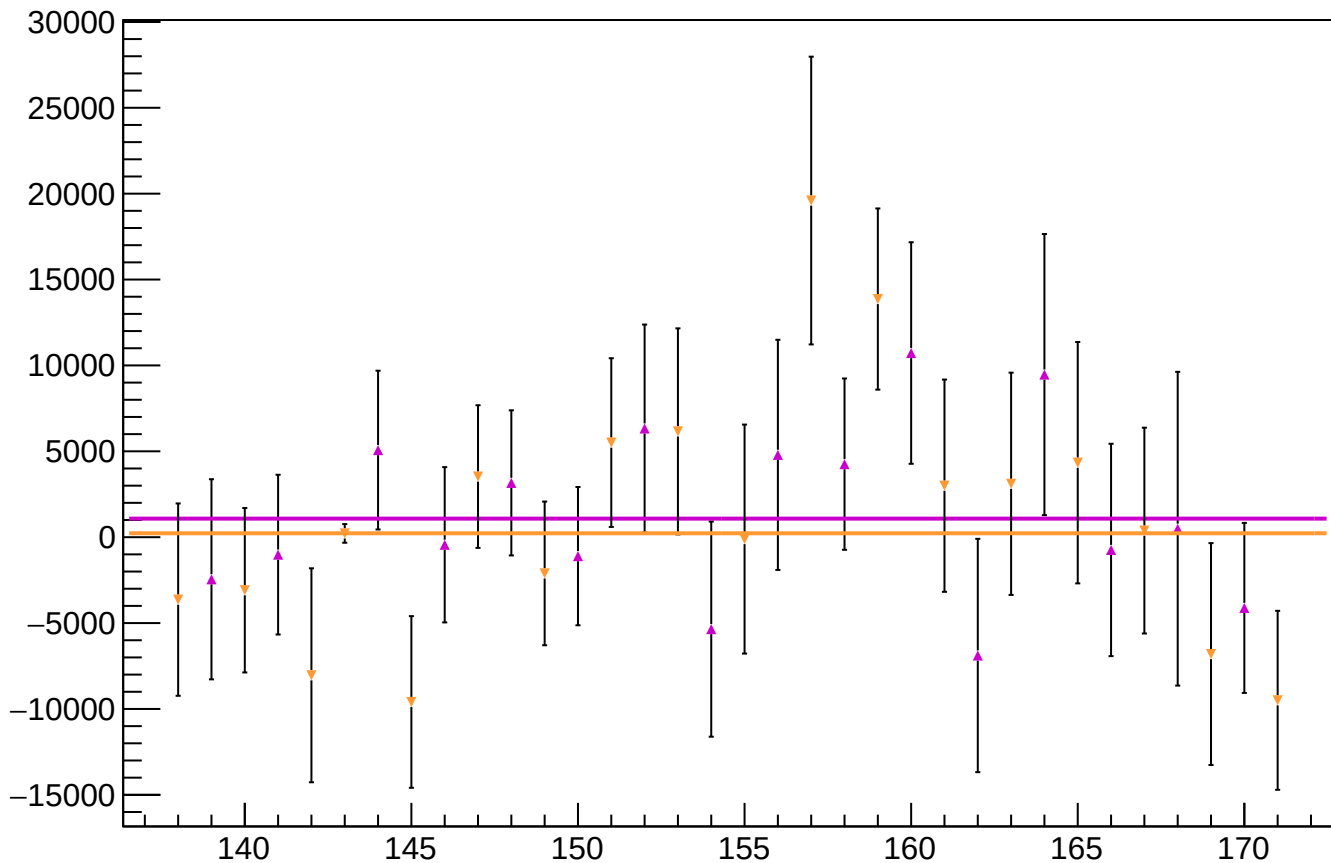
Right Out: 1780.209 ± 0.483 $\chi^2/\text{NDF}: 428327.5/18$

All: 1861.457 ± 0.211 $\chi^2/\text{NDF}: 1323698.8/69$

Left In: 1914.429 ± 0.383 $\chi^2/\text{NDF}: 43339.4/15$

- sign 1862.606 ± 0.300 $\chi^2/\text{NDF}: 519069.4/34$

asym_atl_dd_correction_mean vs Slug



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

Left Out: 228.516 $\pm$ 503.155 χ^2 /NDF:27.1/17

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

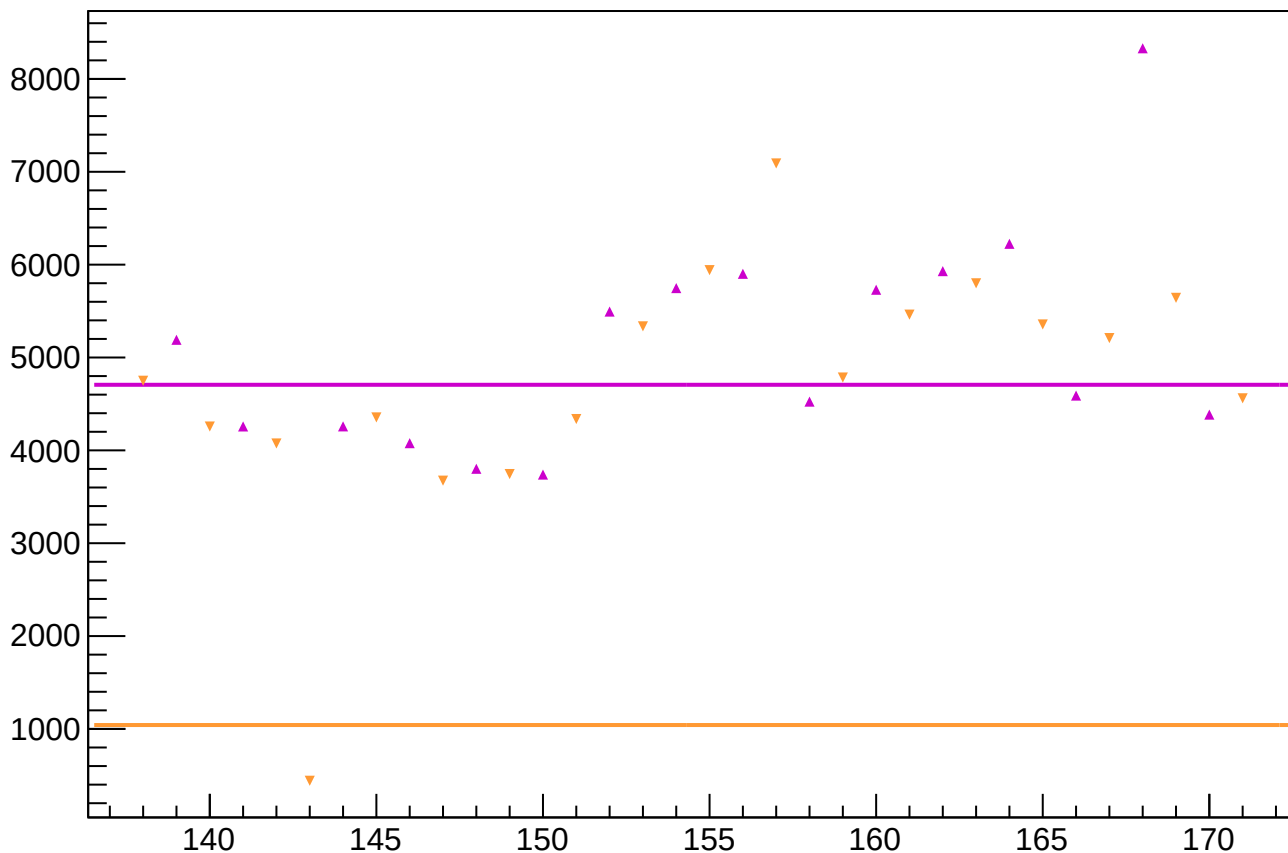
Left In: 1080.928 $\pm$ 1355.635 χ^2 /NDF:10.3/15

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

All: 331.725 $\pm$ 471.712 χ^2 /NDF: 37.8/33

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

asym_atl_dd_correction_rms vs Slug



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

Left Out: 1041.925+/-0.356 χ^2/NDF :18023222.1/17

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

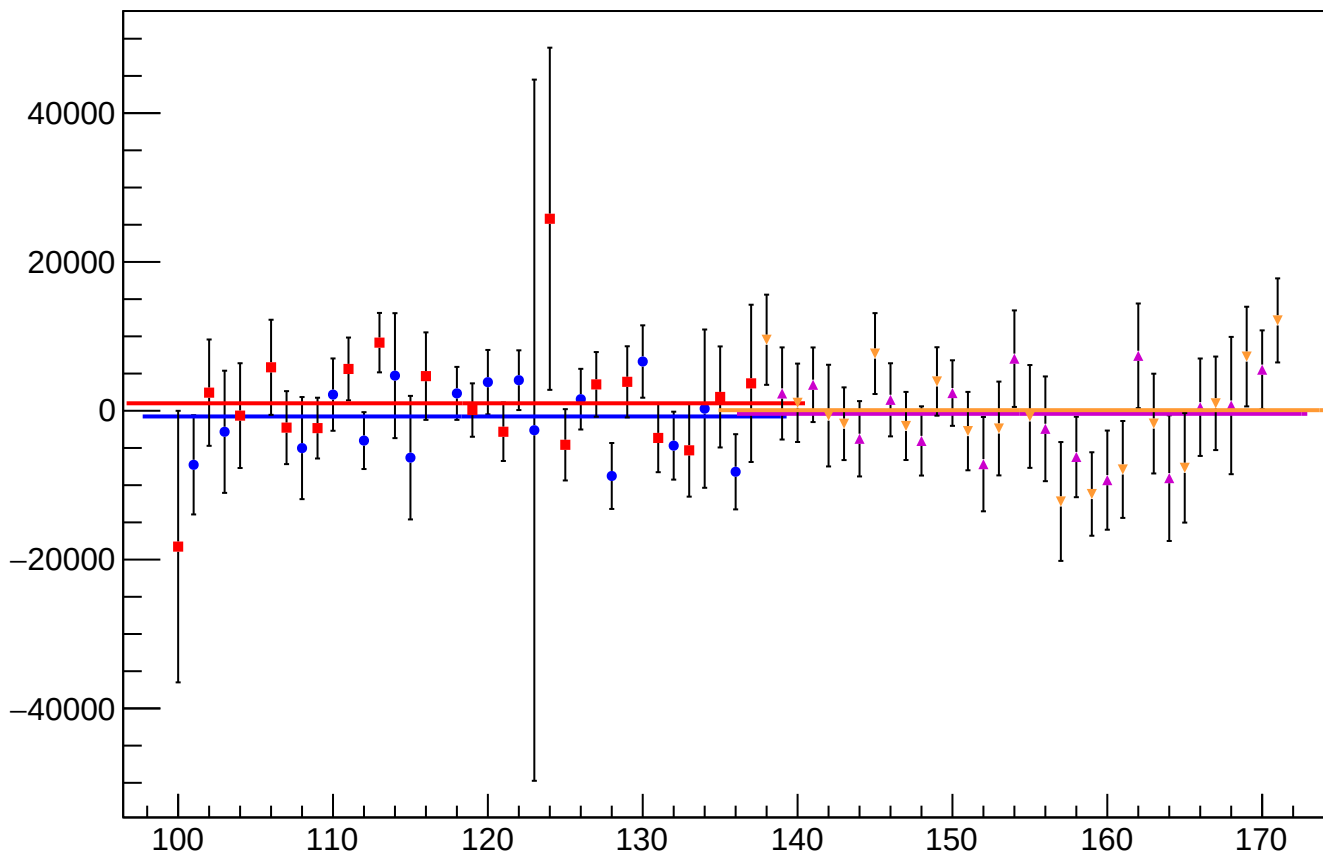
Left In: 4706.184+/-0.959 χ^2/NDF :960733.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.588+/-0.334 χ^2/NDF : 31826958.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: 79.189 ± 1375.763 χ^2/NDF : 20.8/17

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

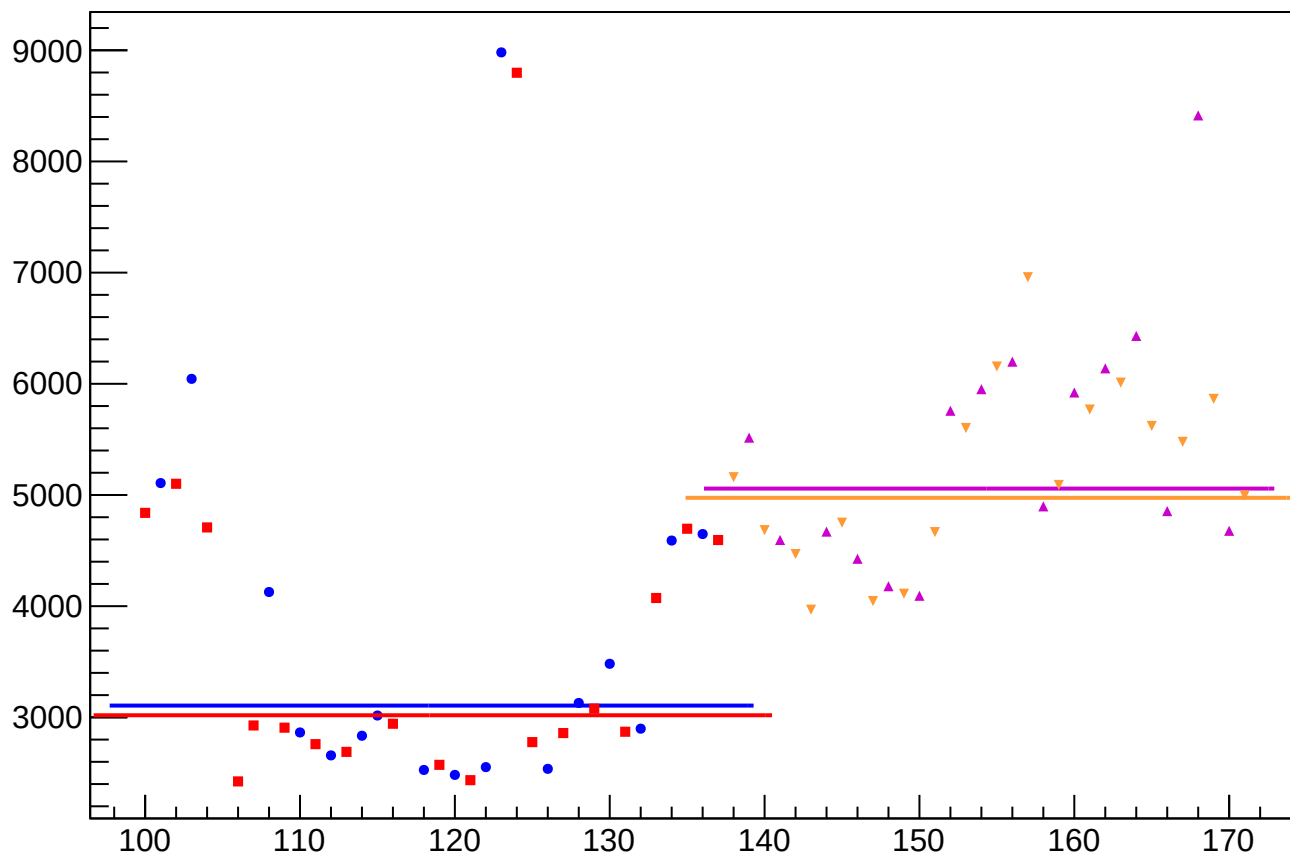
Left In: -409.923 ± 1451.251 χ^2/NDF : 11.4/15

+ sign -384.074 ± 924.225 χ^2/NDF : 36.5/34

All: 27.210 ± 652.280 χ^2/NDF : 63.9/69

- sign 435.373 ± 920.713 χ^2/NDF : 27.0/34

asym_atl_dd_rms vs Slug



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

Left Out: 4974.578+/-0.973 χ^2/NDF : 610593.7/17

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

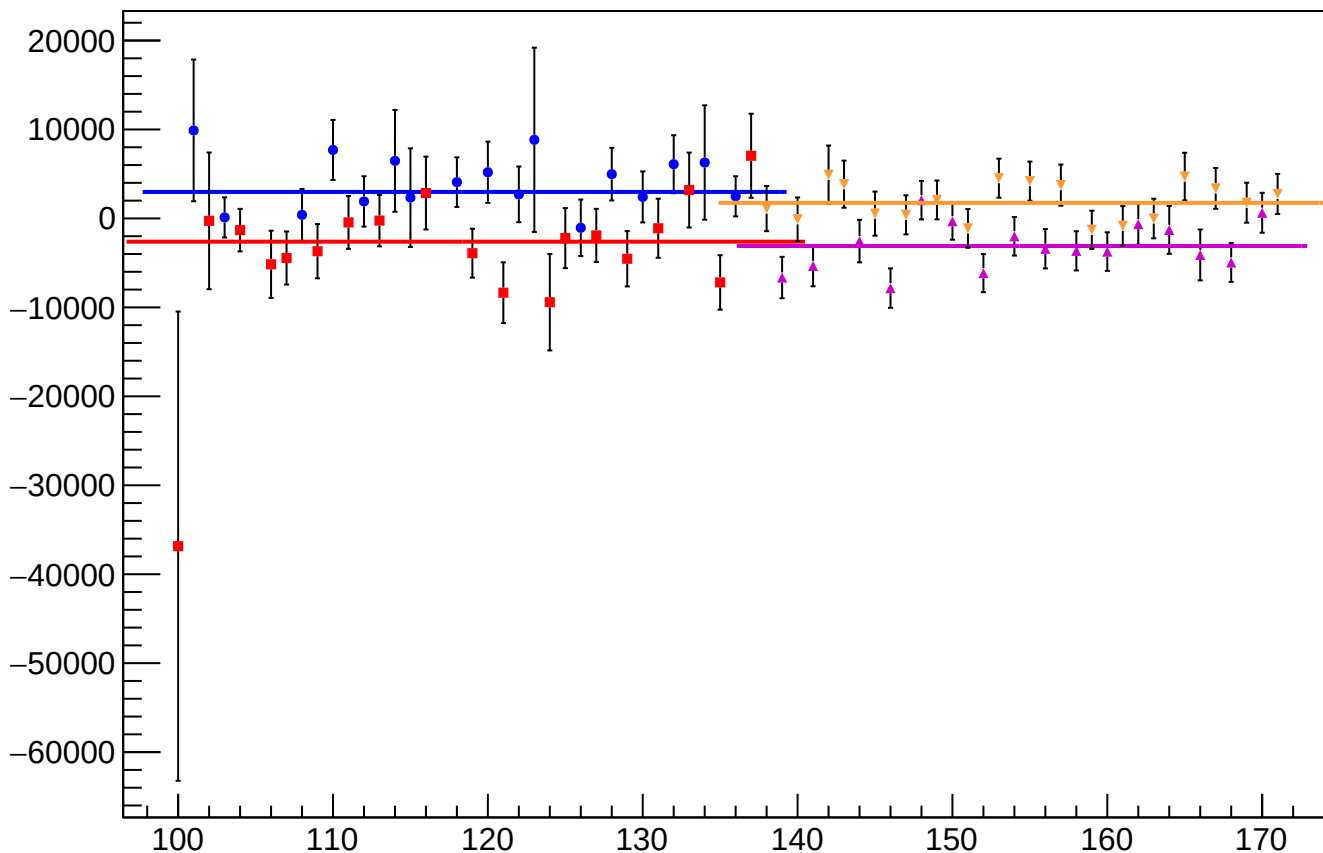
Left In: 5057.680+/-1.026 χ^2/NDF : 767308.4/15

+ sign 3949.208+/-0.654 χ^2/NDF : 3595161.6/34

All: 3887.499+/-0.459 χ^2/NDF : 7556832.5/69

- sign 3827.173+/-0.646 χ^2/NDF : 3944038.6/34

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1751.770+/-550.916 χ^2/NDF : 14.0/17

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

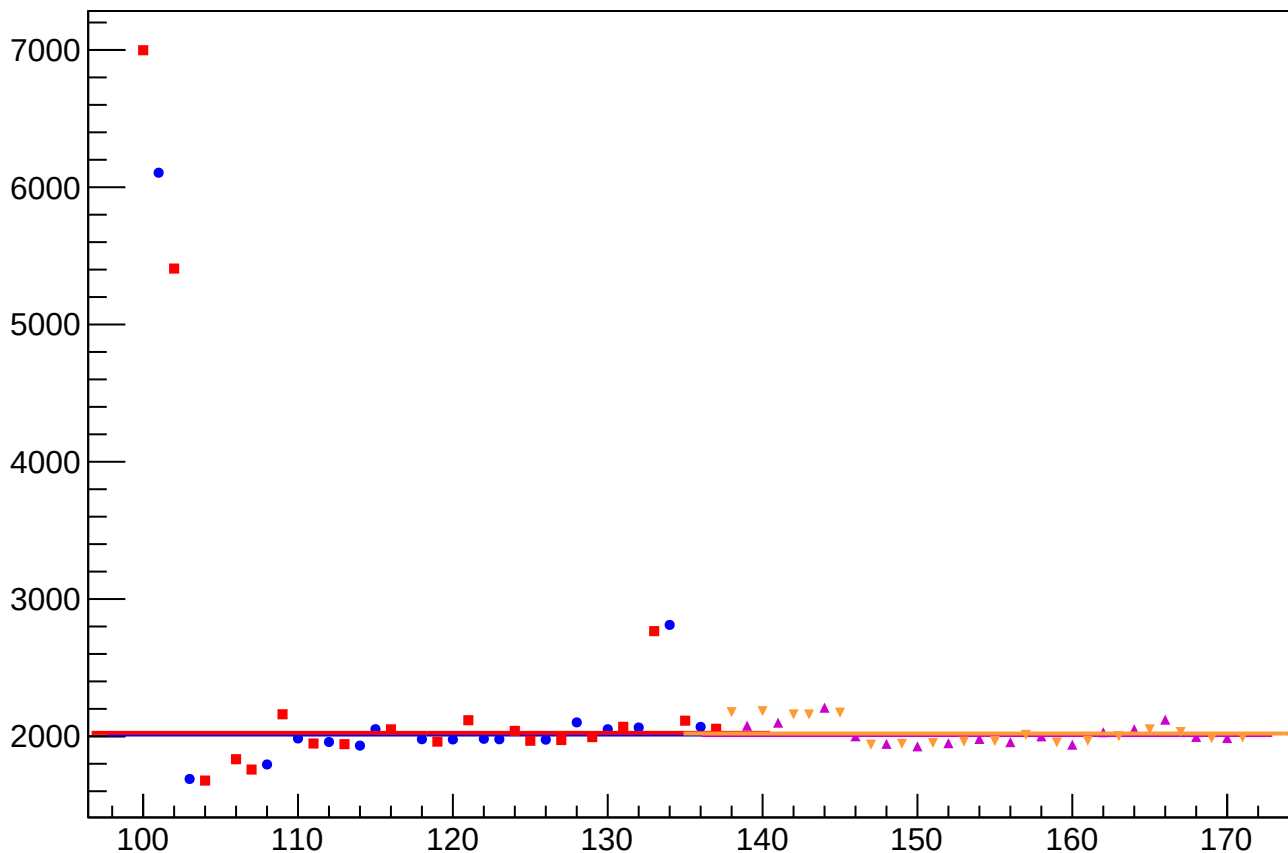
Left In: -3100.454+/-567.102 χ^2/NDF : 23.0/15

+ sign 2149.462+/-452.891 χ^2/NDF : 25.5/34

All: -355.902+/-322.497 χ^2/NDF : 130.4/69

- sign -2933.100+/-459.337 χ^2/NDF : 42.9/34

dit_asym_atr_avg_rms vs Slug



Right In: 2012.945 $\pm$ 0.562 χ^2 /NDF: 617707.4/16

Left Out: 2020.411 $\pm$ 0.390 χ^2 /NDF: 46954.4/17

Right Out: 2025.070 $\pm$ 0.554 χ^2 /NDF: 597422.5/18

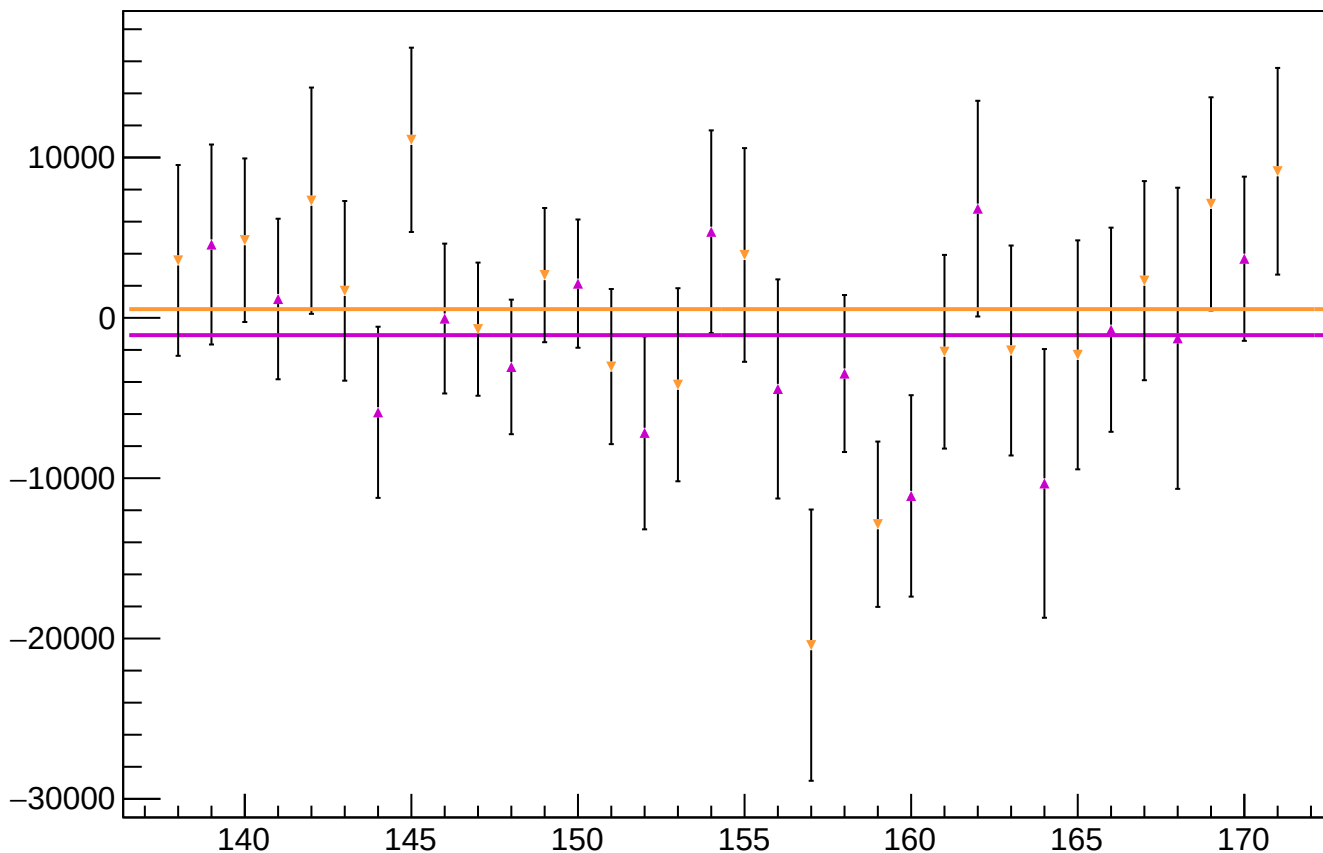
Left In: 2009.264 $\pm$ 0.401 χ^2 /NDF: 32751.7/15

+ sign 2017.991 $\pm$ 0.320 χ^2 /NDF: 664780.9/34

All: 2016.370 $\pm$ 0.228 χ^2 /NDF: 1295541.7/69

- sign 2014.702 $\pm$ 0.325 χ^2 /NDF: 630708.8/34

asym_atr_avg_correction_mean vs Slug



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

Left Out: 542.871+/-1346.707 χ^2/NDF :23.3/17

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

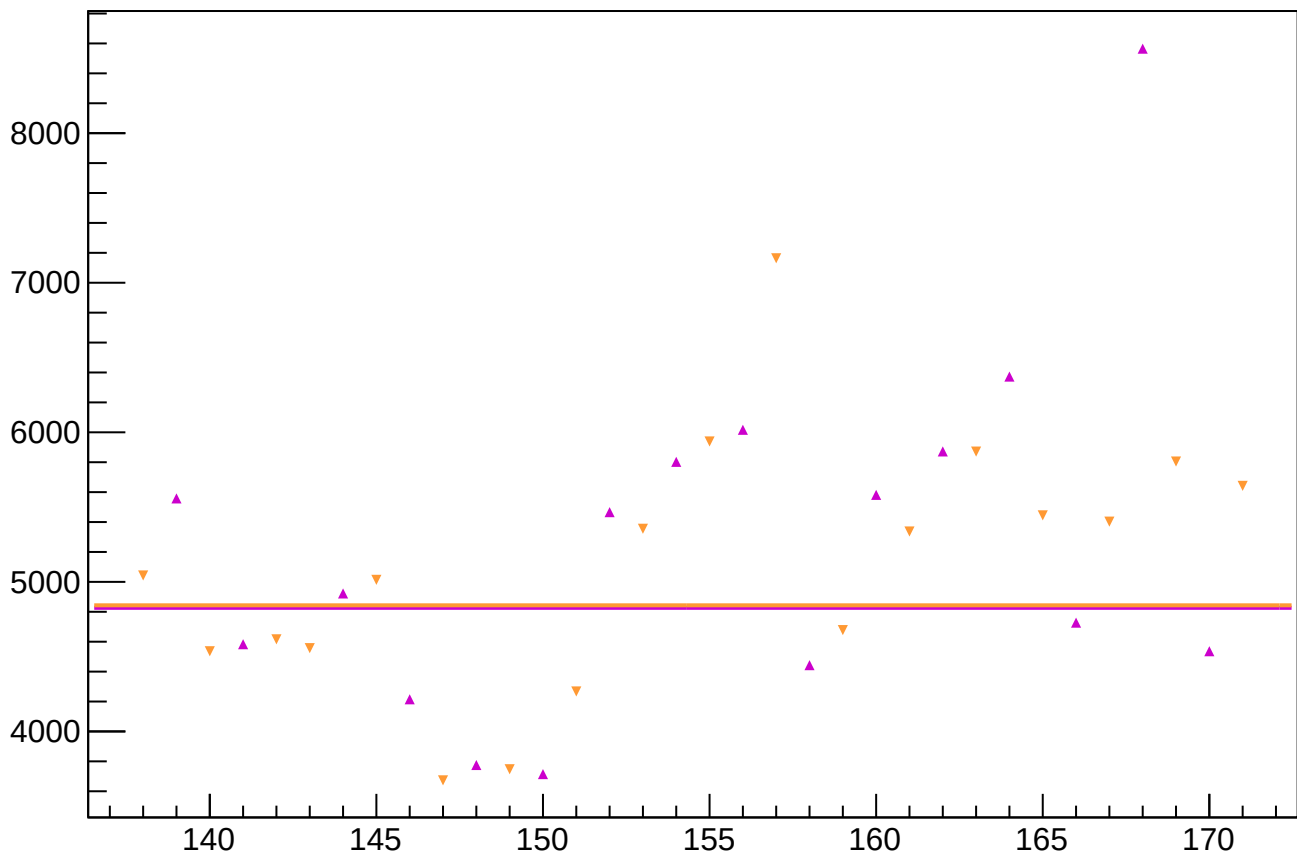
Left In: -1079.059+/-1390.212 χ^2/NDF :11.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.319+/-967.280 χ^2/NDF : 35.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4843.295+/-0.952 χ^2/NDF : 729566.8/17

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

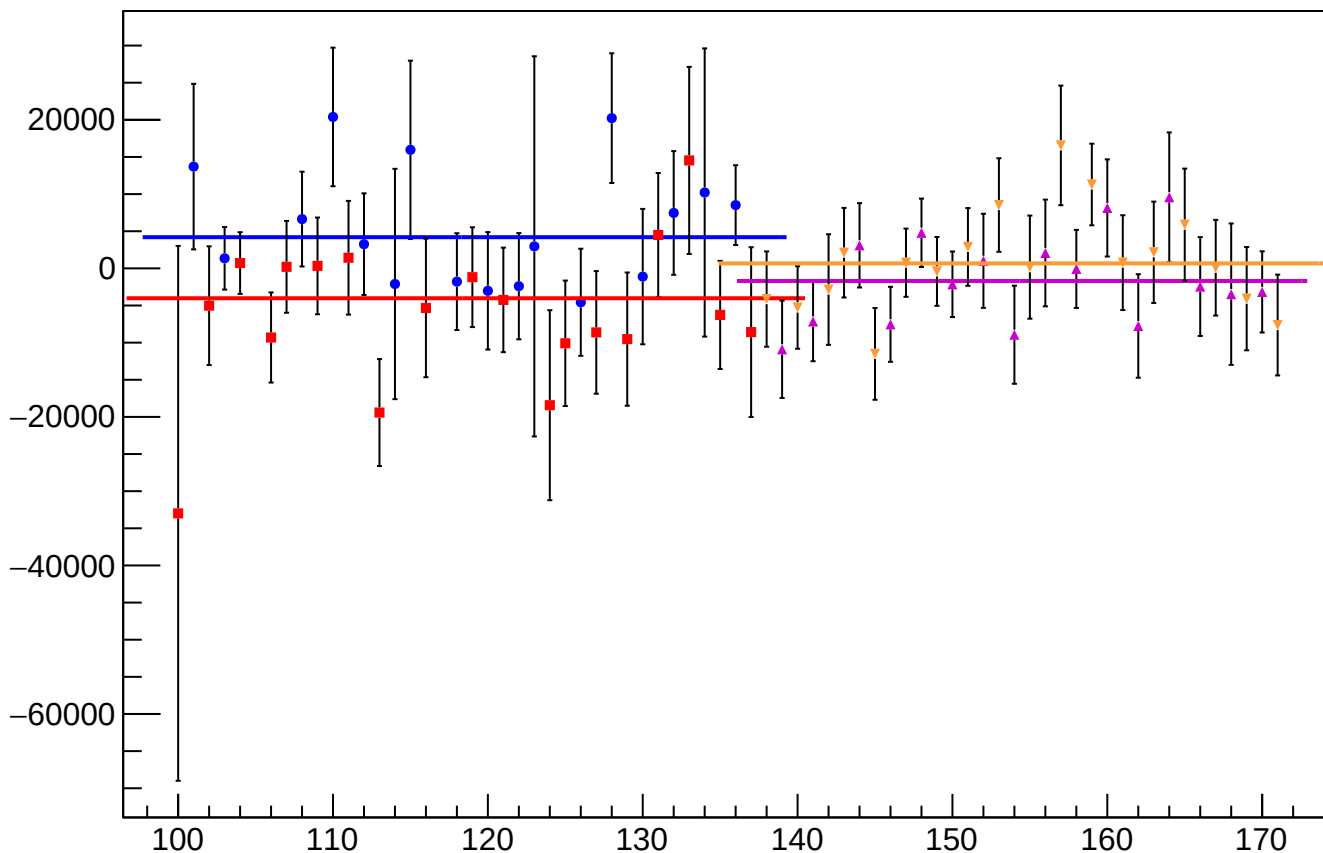
Left In: 4826.498+/-0.983 χ^2/NDF : 959560.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4835.163+/-0.684 χ^2/NDF : 1689278.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: 670.775+/-1438.045 χ^2/NDF : 17.8/17

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

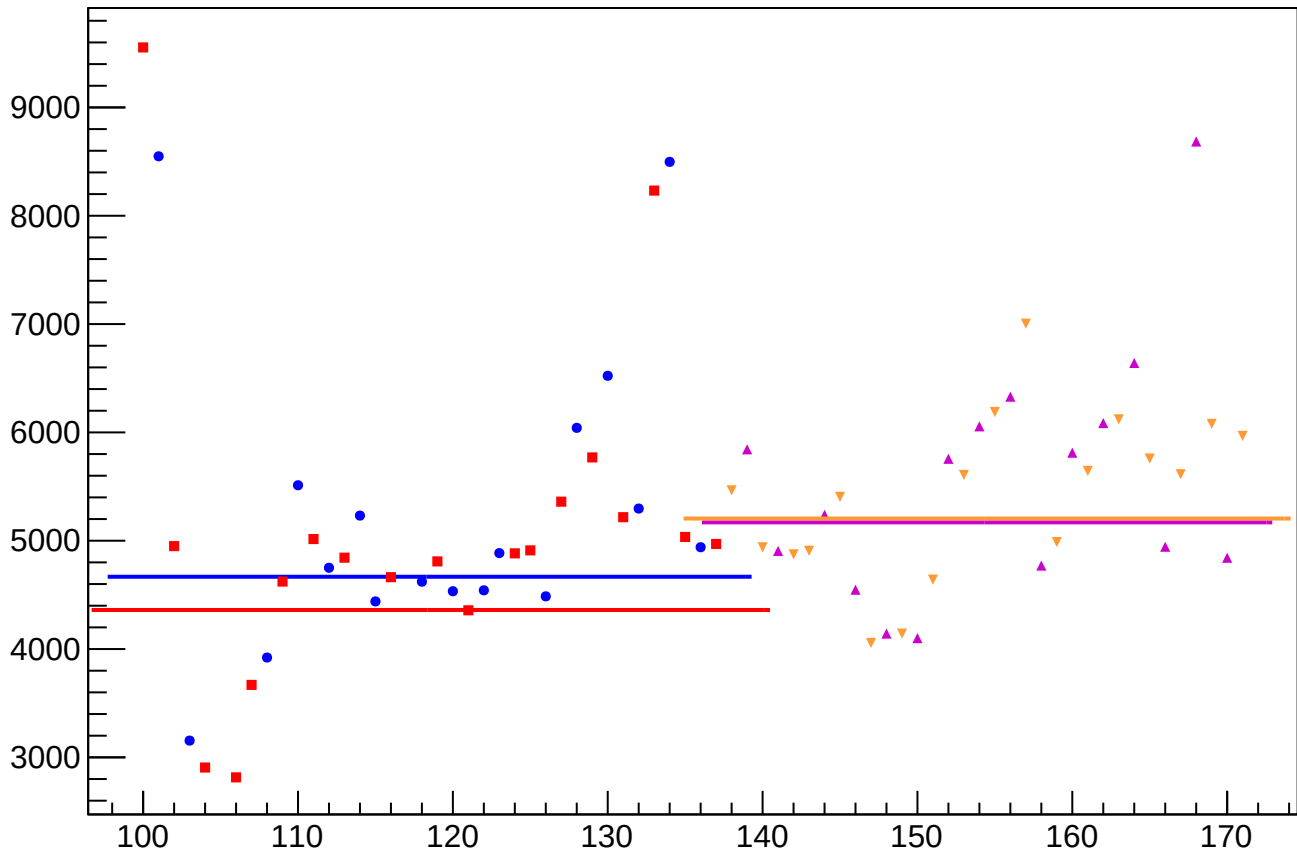
Left In: -1698.306+/-1483.404 χ^2/NDF : 13.6/15

+ sign 1992.621+/-1137.172 χ^2/NDF : 34.2/34

All: -372.706+/-799.684 χ^2/NDF : 72.2/69

- sign -2686.755+/-1124.778 χ^2/NDF : 29.5/34

asym_atr_avg_rms vs Slug



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

Left Out: 5204.878+/-1.017 χ^2/NDF : 544892.6/17

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

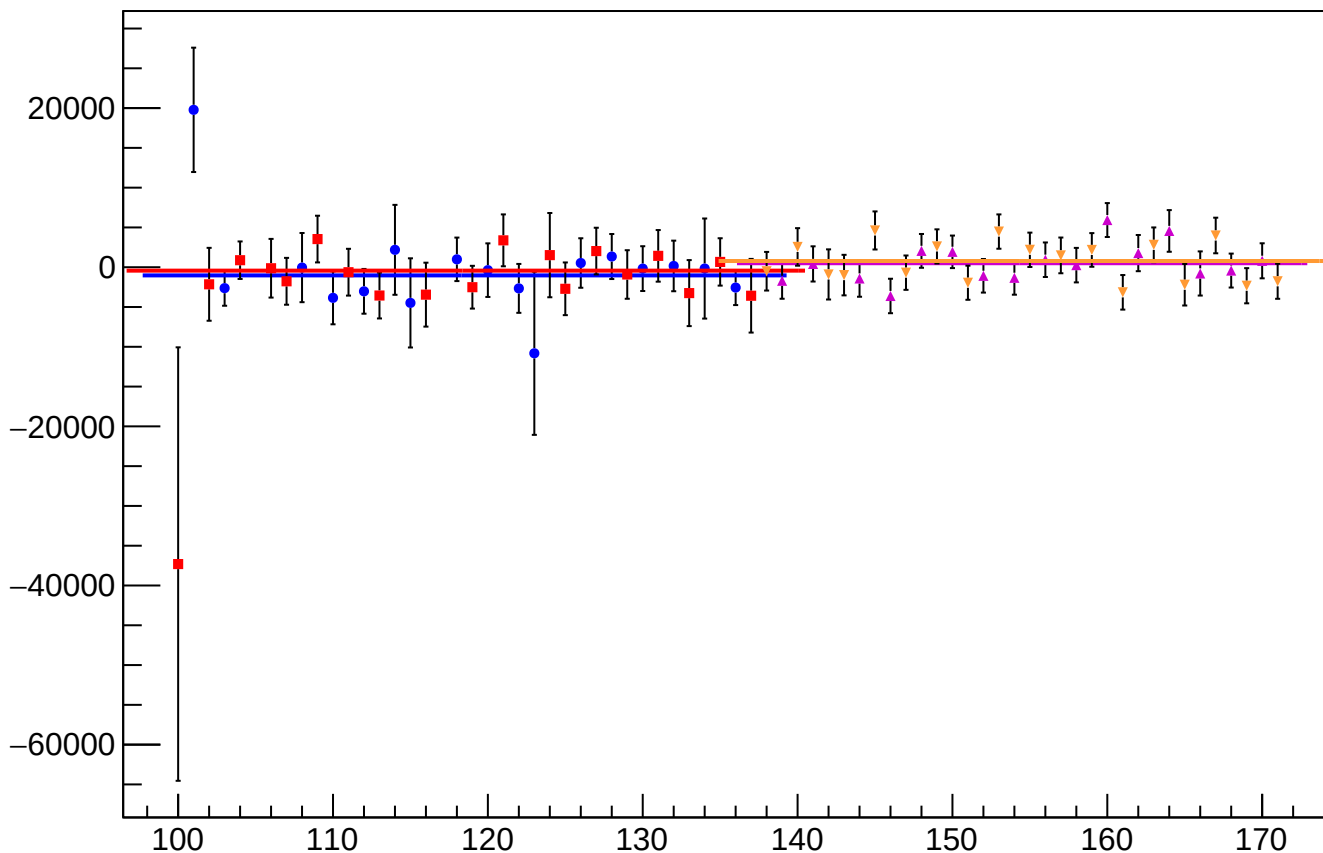
Left In: 5169.390+/-1.049 χ^2/NDF : 783086.9/15

+ sign 5003.526+/-0.804 χ^2/NDF : 1427402.1/34

All: 4912.202+/-0.565 χ^2/NDF : 3323107.4/69

- sign 4823.298+/-0.793 χ^2/NDF : 1870249.6/34

dit_asym_atr_dd_mean vs Slug



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

Left Out: 781.103 ± 537.775 χ^2/NDF : 21.7/17

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

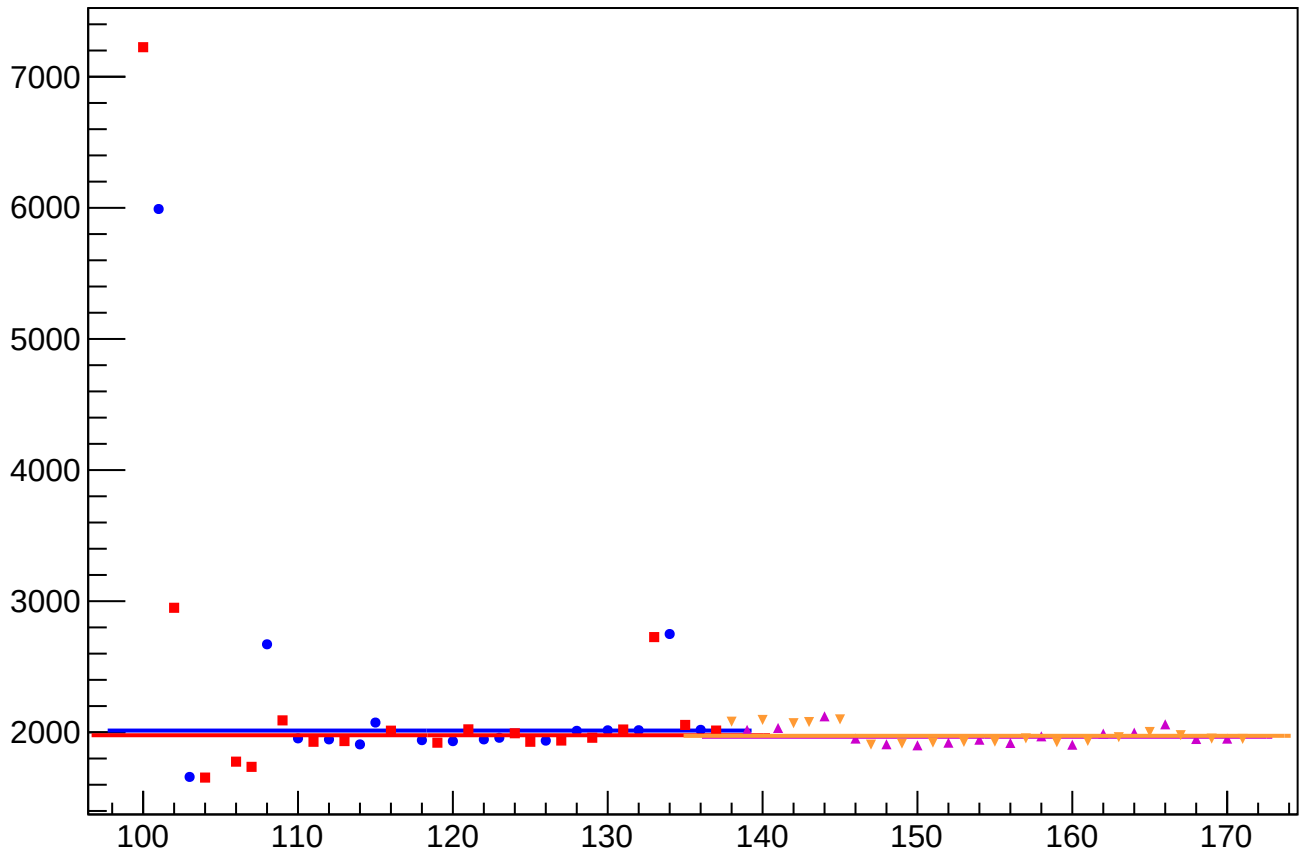
Left In: 503.591 ± 554.686 χ^2/NDF : 17.3/15

+ sign 215.029 ± 445.715 χ^2/NDF : 38.3/34

All: 197.663 ± 316.047 χ^2/NDF : 67.3/69

- sign 180.102 ± 448.212 χ^2/NDF : 29.0/34

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1973.207+/-0.380 χ^2/NDF : 28978.4/17

+ sign 1985.750+/-0.315 χ^2/NDF : 682502.0/34

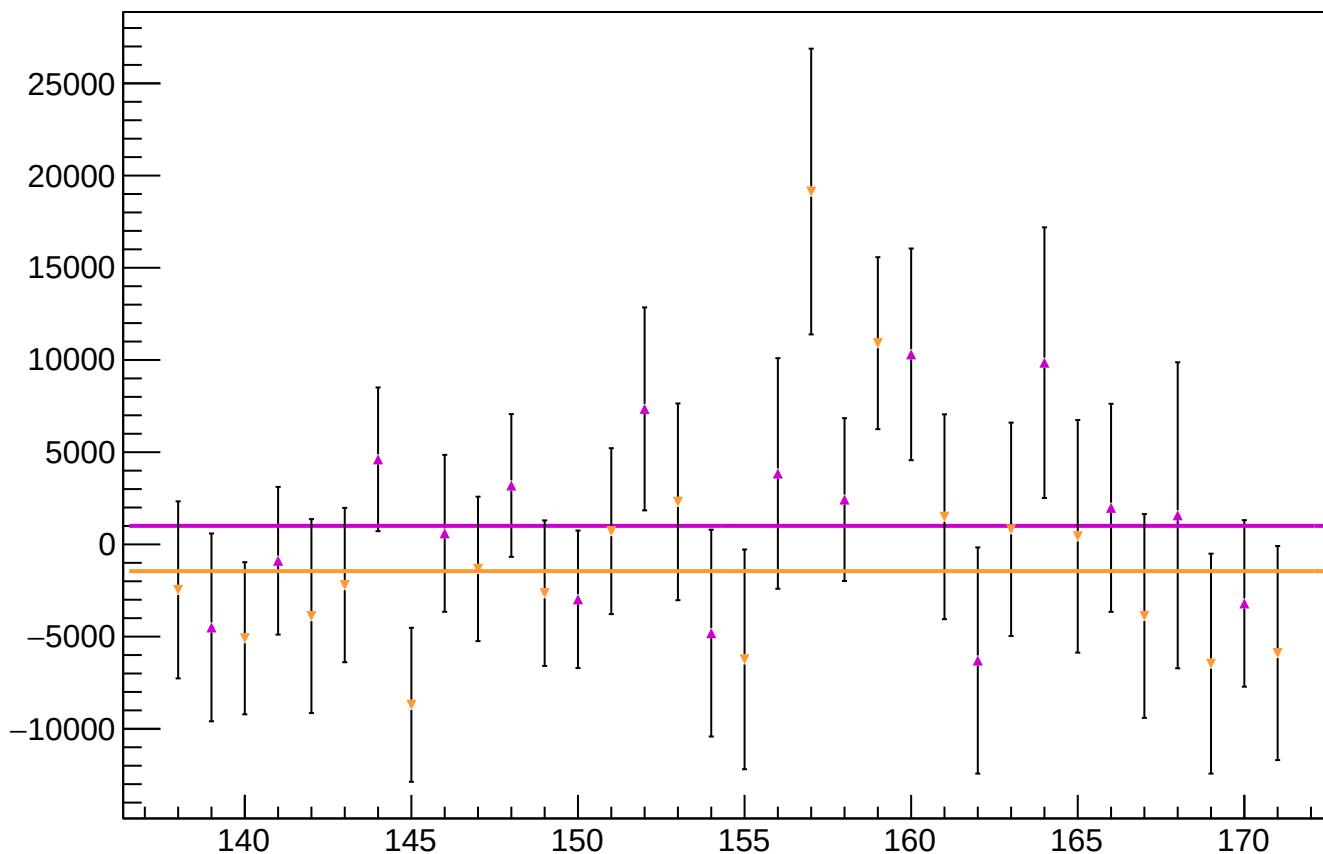
Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

All: 1977.893+/-0.223 χ^2/NDF : 1001421.5/69

- sign 1969.954+/-0.317 χ^2/NDF : 317670.2/34

Left In: 1965.911+/-0.392 χ^2/NDF : 22465.3/15

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1449.109+/-1165.936 χ^2/NDF : 21.6/17

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

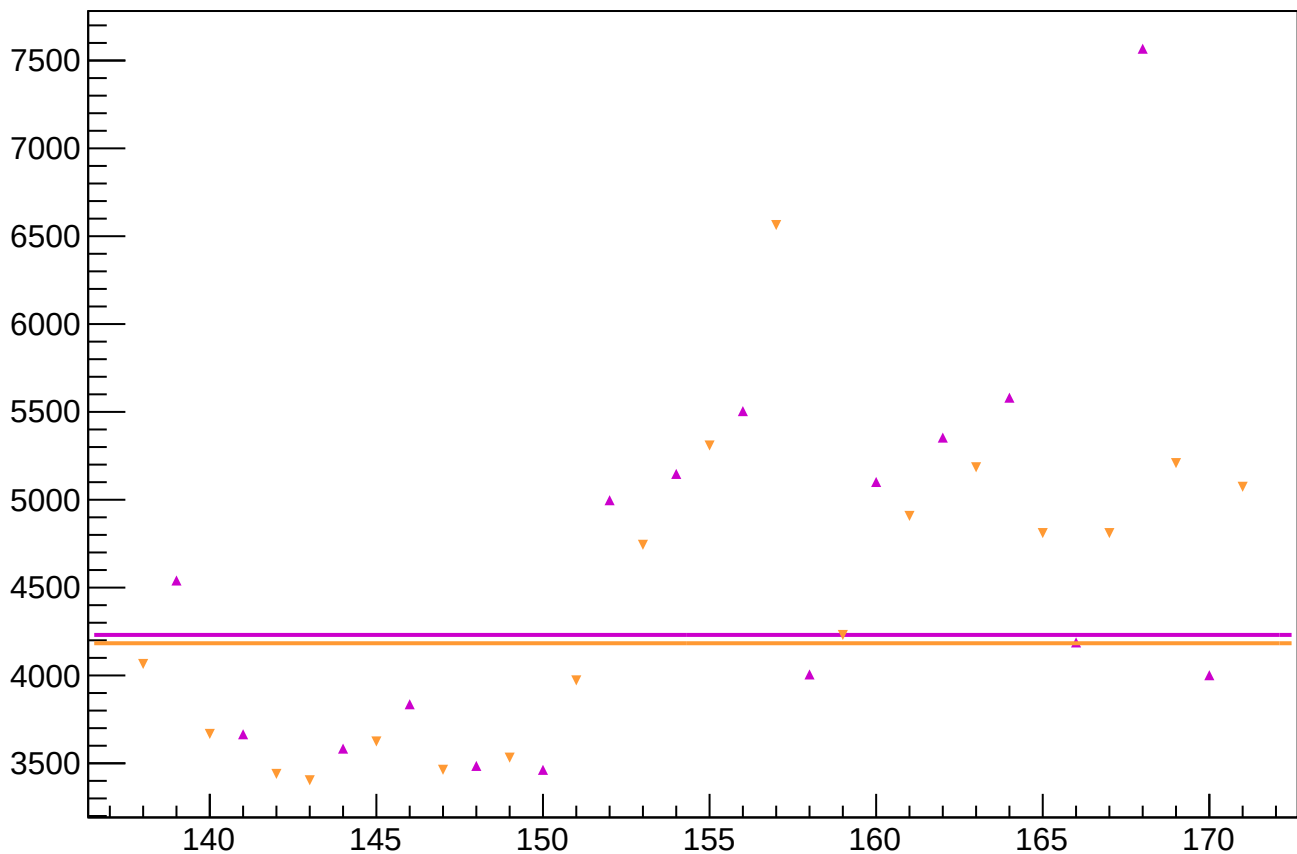
Left In: 1006.221+/-1219.080 χ^2/NDF : 12.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.127+/-842.603 χ^2/NDF : 36.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug



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

Left Out: 4183.304+/-0.824 χ^2/NDF :832528.7/17

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

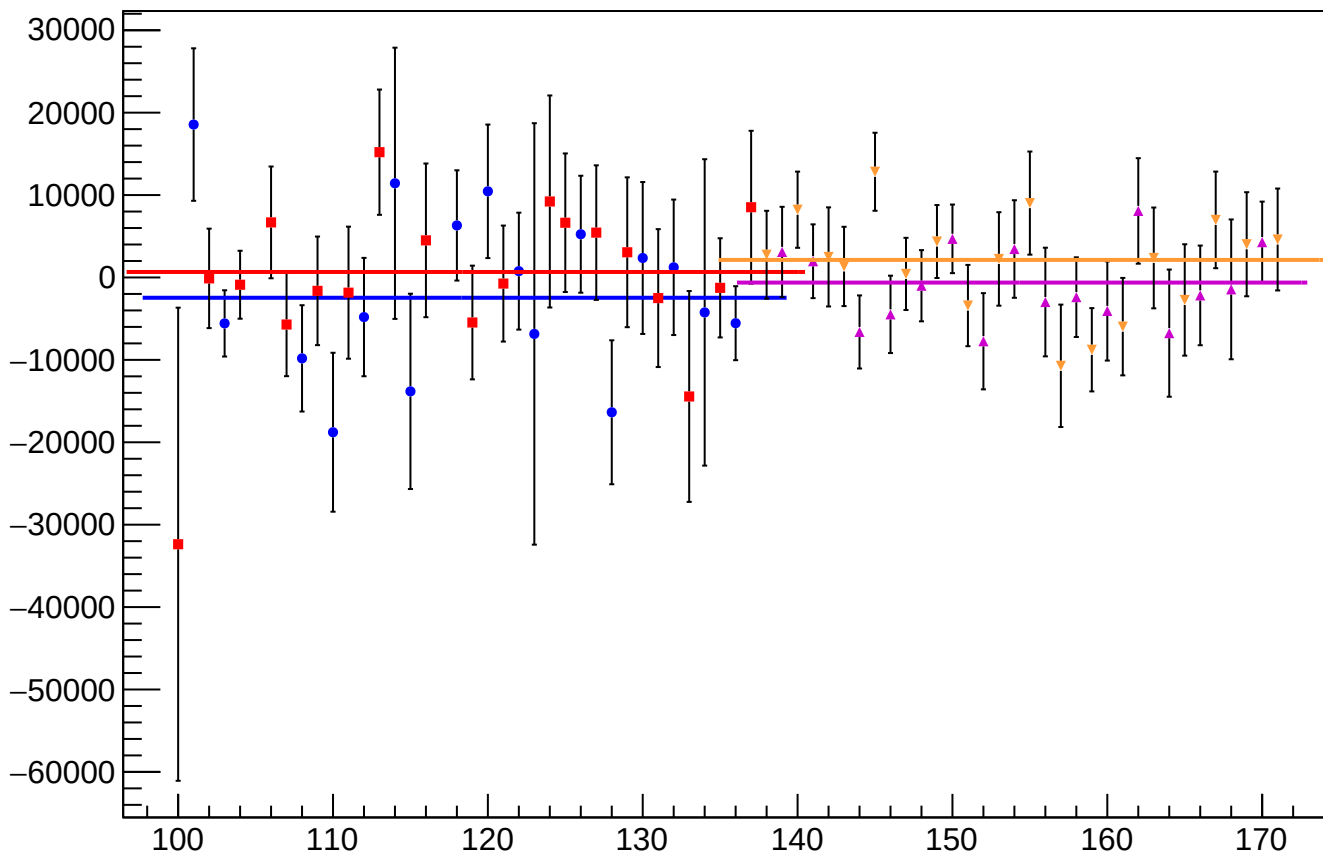
Left In: 4230.718+/-0.862 χ^2/NDF :968469.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4205.955+/-0.596 χ^2/NDF : 1802578.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 2130.577+/-1276.963 χ^2 /NDF:20.7/17

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

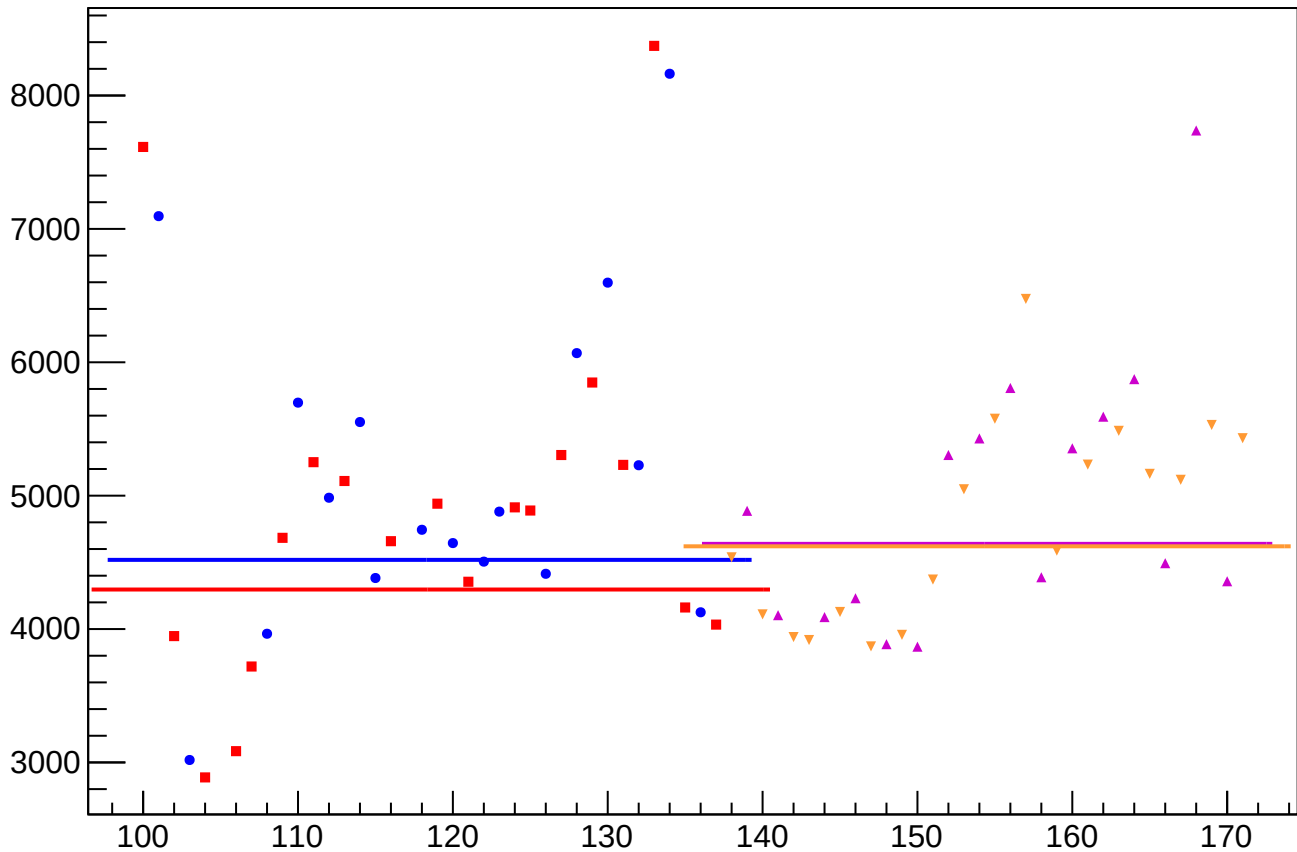
Left In: -621.220+/-1329.482 χ^2 /NDF:11.0/15

+ sign 589.867+/-1040.972 χ^2 /NDF: 45.9/34

All: 231.771+/-737.450 χ^2 /NDF: 69.4/69

- sign -129.008+/-1044.863 χ^2 /NDF: 23.3/34

asym_atr_dd_rms vs Slug



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

Left Out: 4620.317 $\pm$ 0.903 χ^2 /NDF: 571258.6/17

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

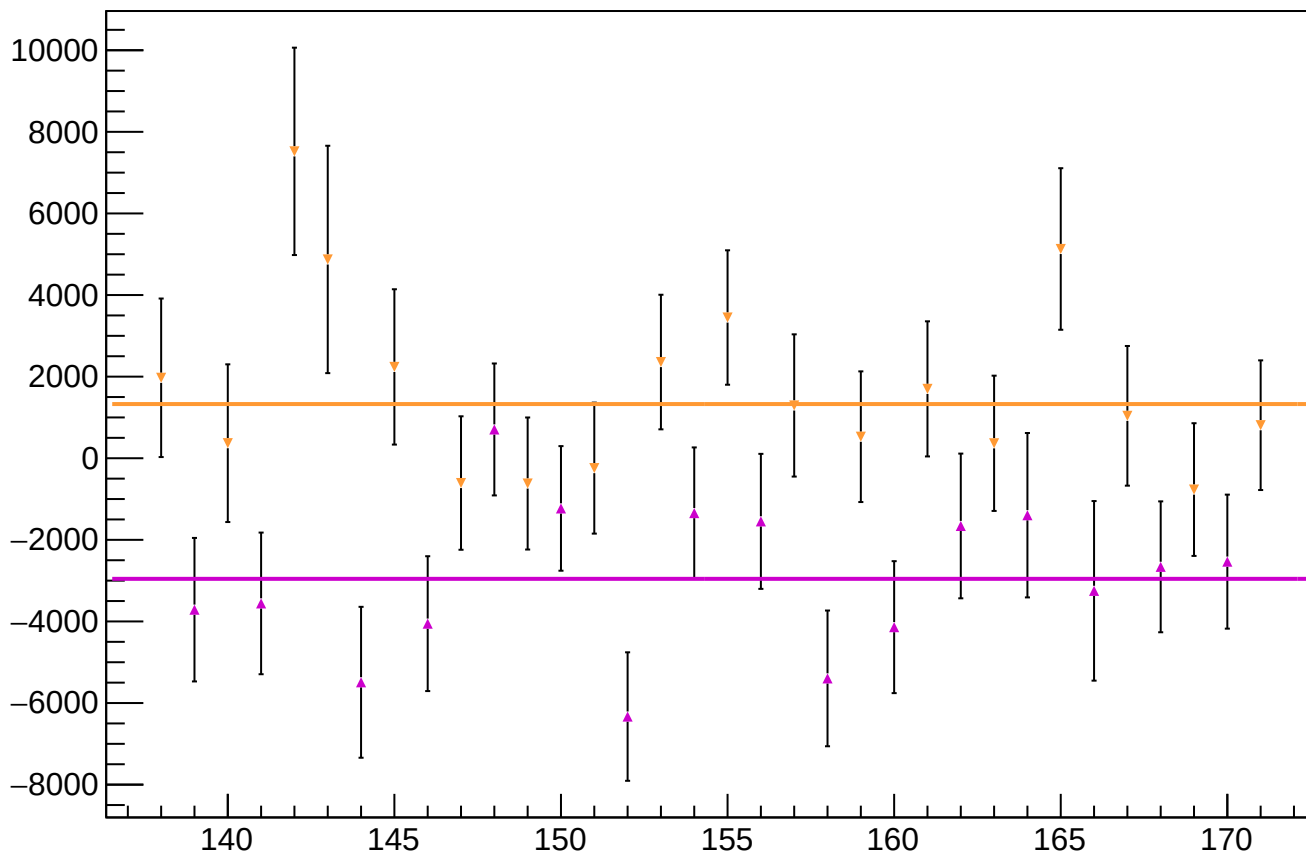
Left In: 4638.721 $\pm$ 0.940 χ^2 /NDF: 735979.9/15

+ sign 4586.223 $\pm$ 0.736 χ^2 /NDF: 1345735.4/34

All: 4546.641 $\pm$ 0.521 χ^2 /NDF: 2910261.4/69

- sign 4506.932 $\pm$ 0.737 χ^2 /NDF: 1558733.4/34

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1327.995+/-415.588 χ^2/NDF : 20.1/17

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

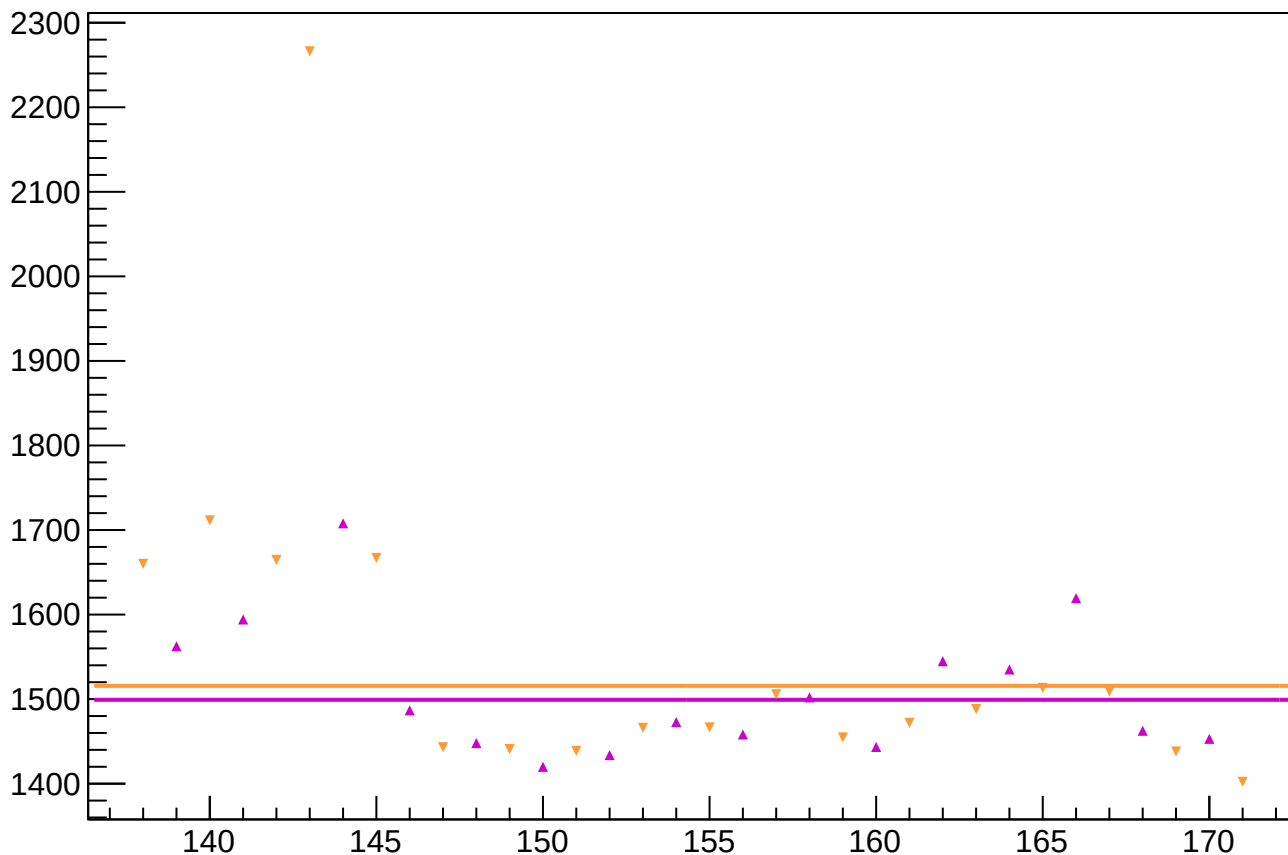
Left In: -2955.906+/-424.346 χ^2/NDF : 19.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.289+/-296.913 χ^2/NDF : 91.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 1515.693+/-0.294 χ^2/NDF : 232209.0/17

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

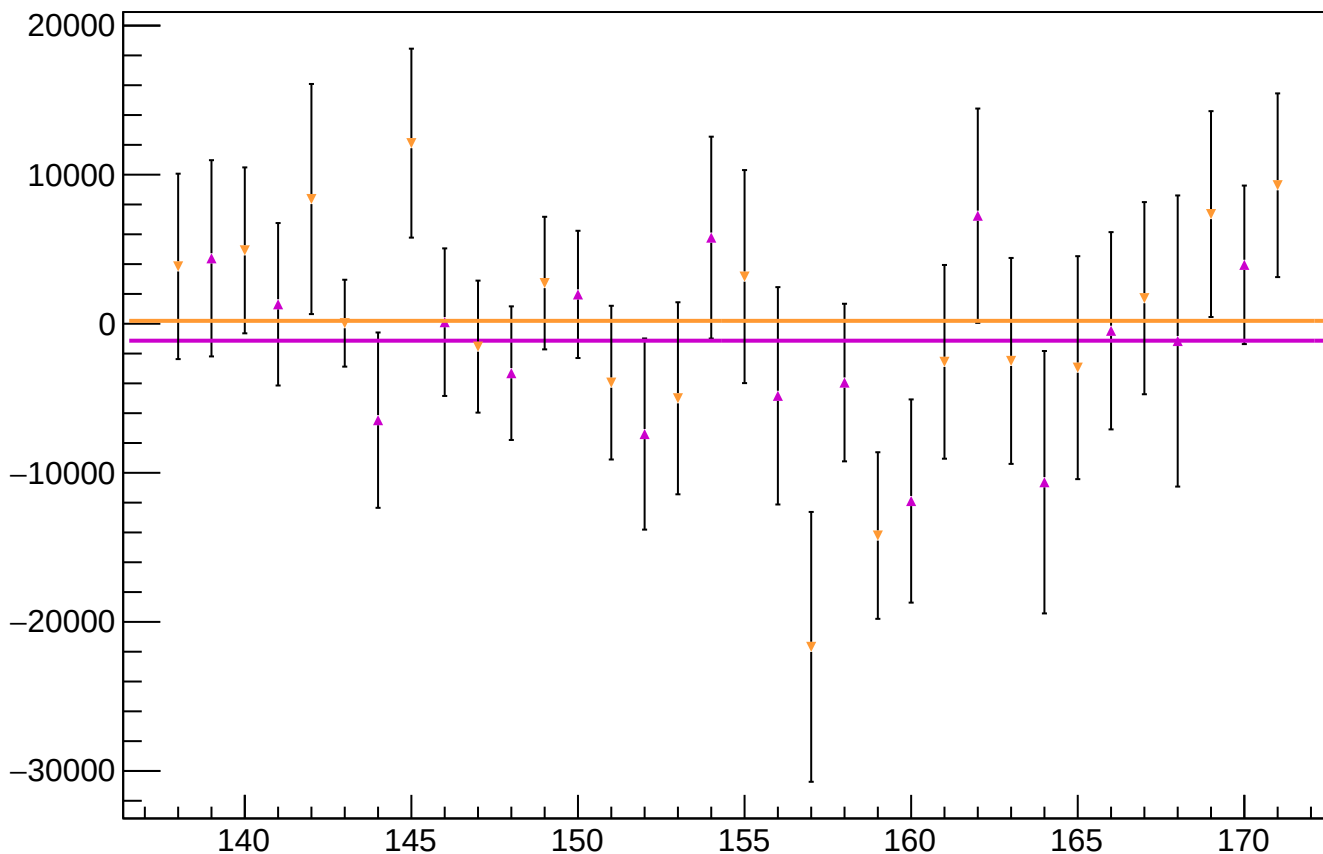
Left In: 1499.213+/-0.300 χ^2/NDF : 59706.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.625+/-0.210 χ^2/NDF : 293454.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

Left Out: 194.536+/-1314.642 χ^2/NDF :24.0/17

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

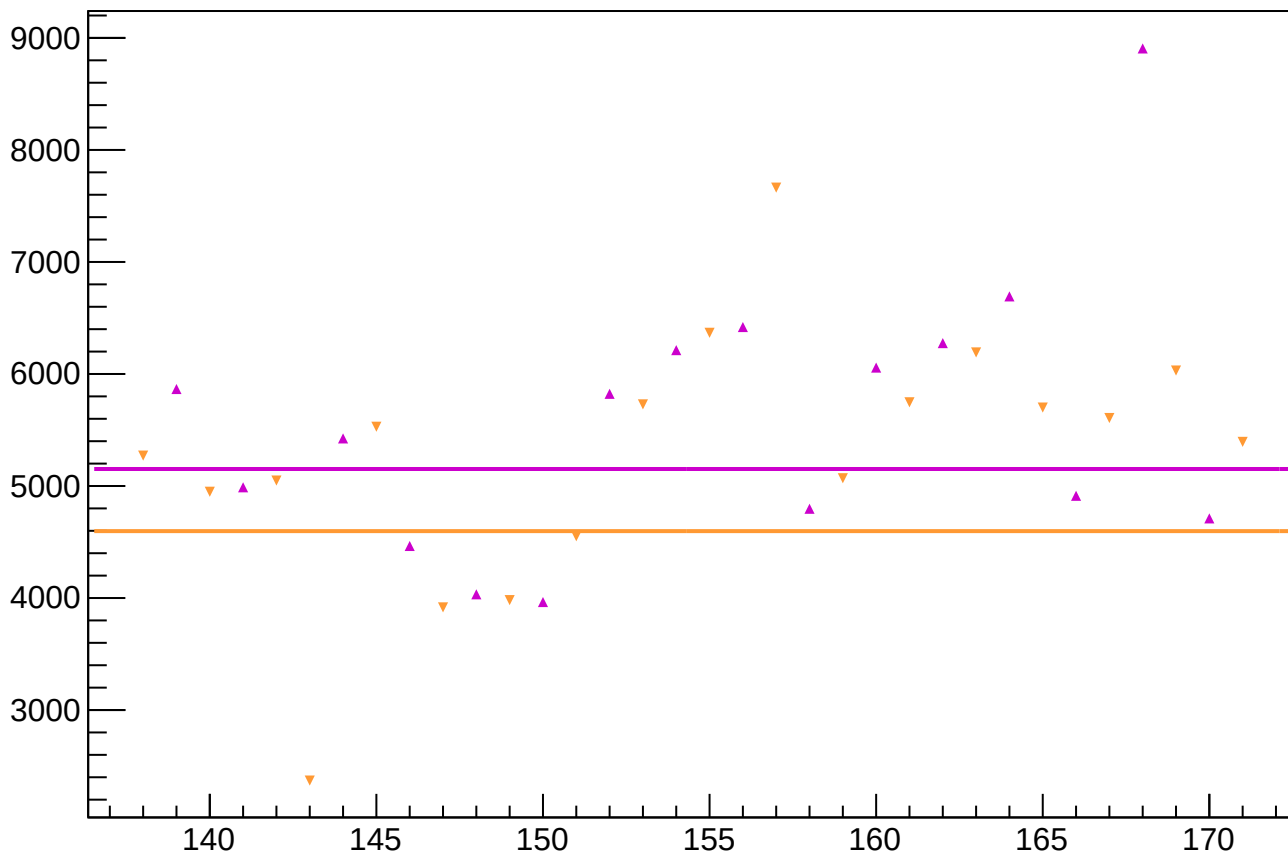
Left In: -1136.583+/-1483.470 χ^2/NDF :11.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.000+/-983.891 χ^2/NDF : 35.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

Left Out: 4597.213+/-0.930 χ^2/NDF : 2145053.9/17

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

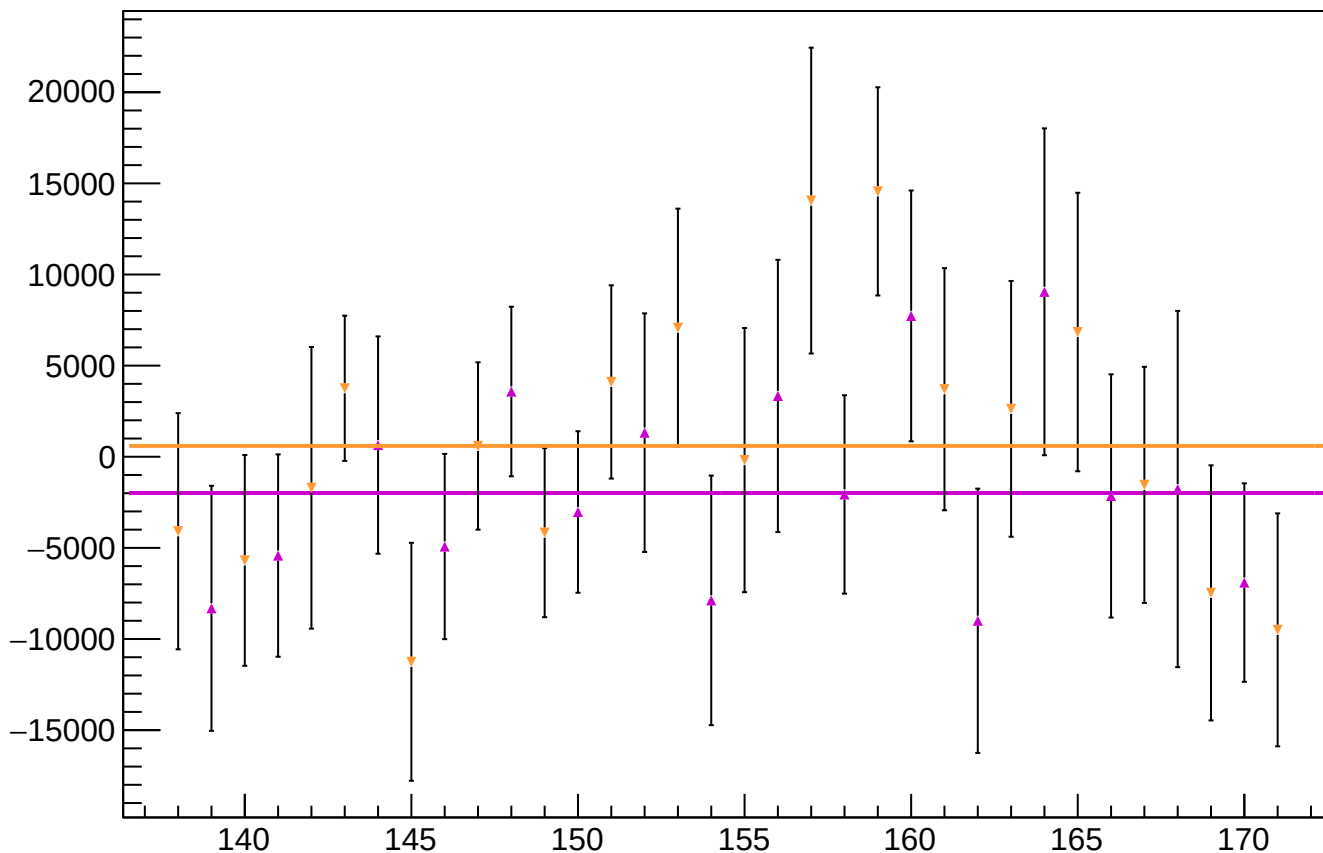
Left In: 5151.823+/-1.049 χ^2/NDF : 945569.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4841.177+/-0.696 χ^2/NDF : 3247200.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 594.295+/-1410.671 χ^2/NDF :21.7/17

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

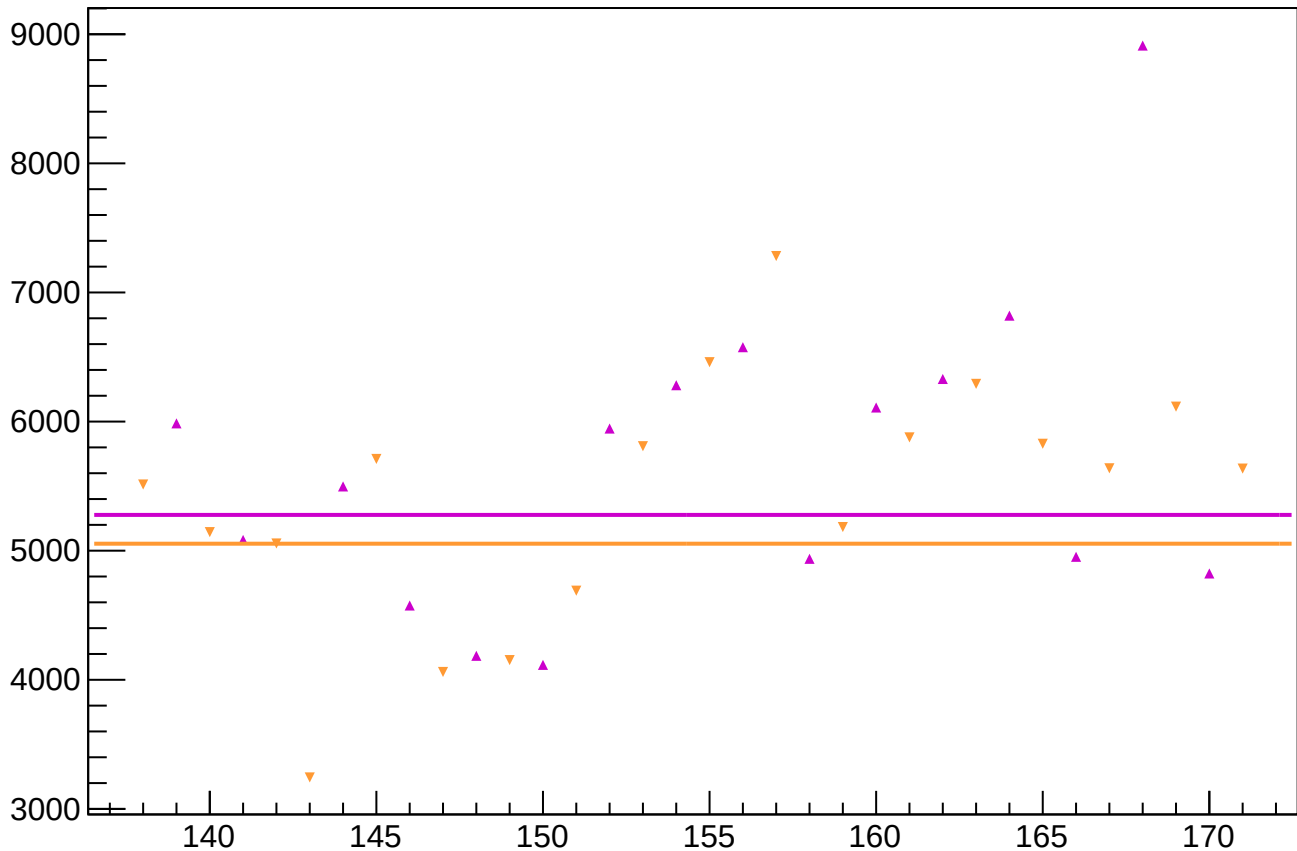
Left In: -1989.997+/-1517.585 χ^2/NDF :10.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.621+/-1033.226 χ^2/NDF : 33.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 5054.111+/-0.997 χ^2/NDF :1058466.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

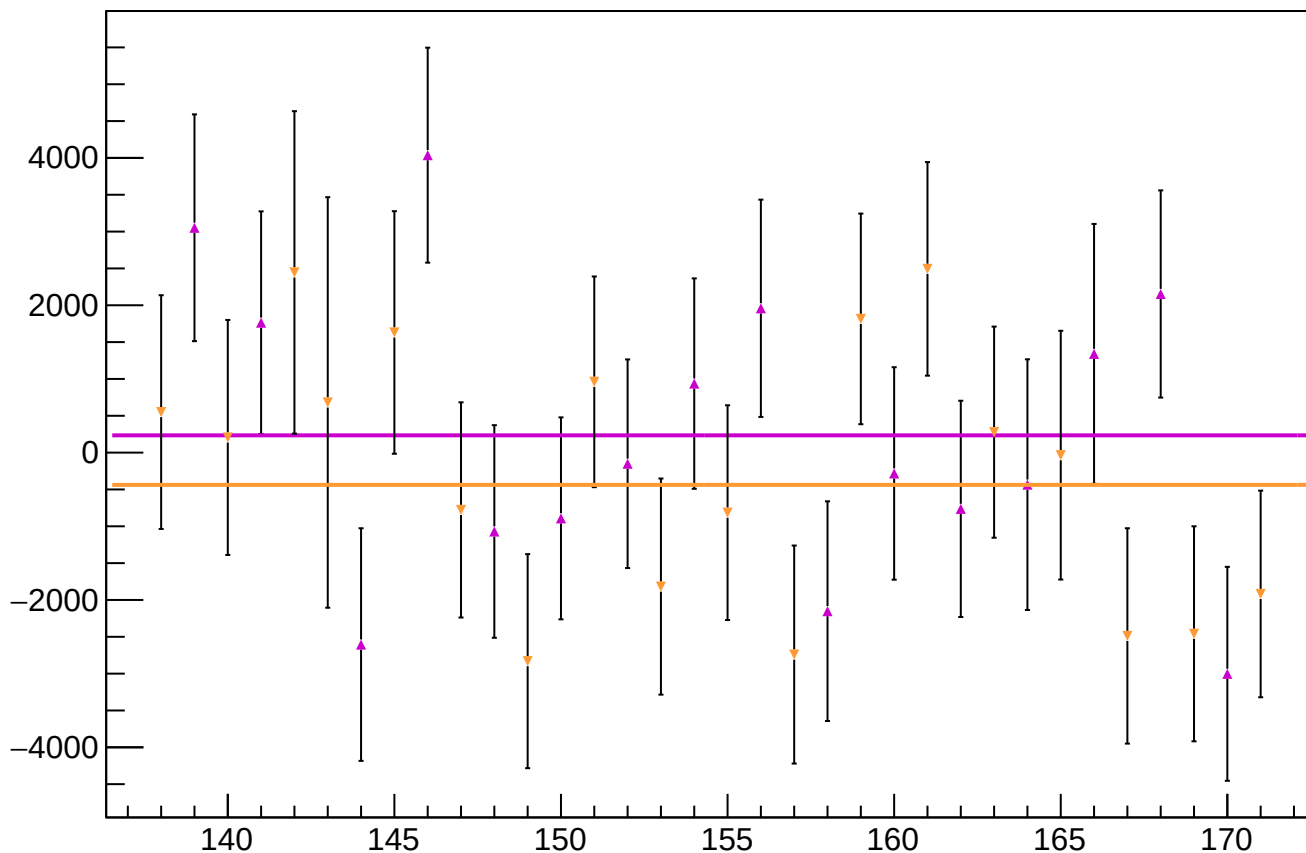
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5157.484+/-0.731 χ^2/NDF : 1952920.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5277.121+/-1.073 χ^2/NDF :871284.4/15

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -437.659 $\pm$ 363.436 χ^2 /NDF:23.0/17

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

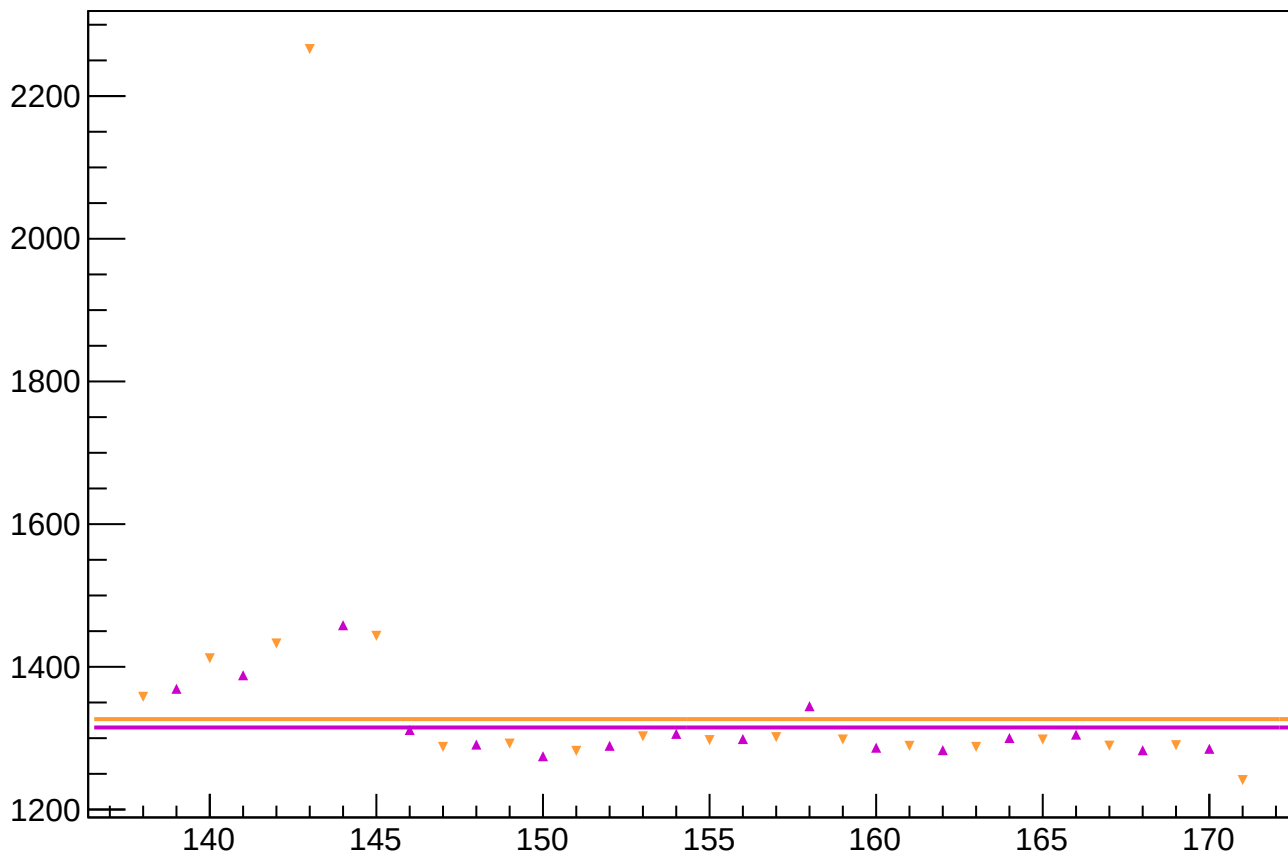
Left In: 234.422 $\pm$ 371.761 χ^2 /NDF:28.1/15

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

All: -109.228 $\pm$ 259.881 χ^2 /NDF: 52.8/33

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

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1326.722+/-0.257 χ^2 /NDF:269076.3/17

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

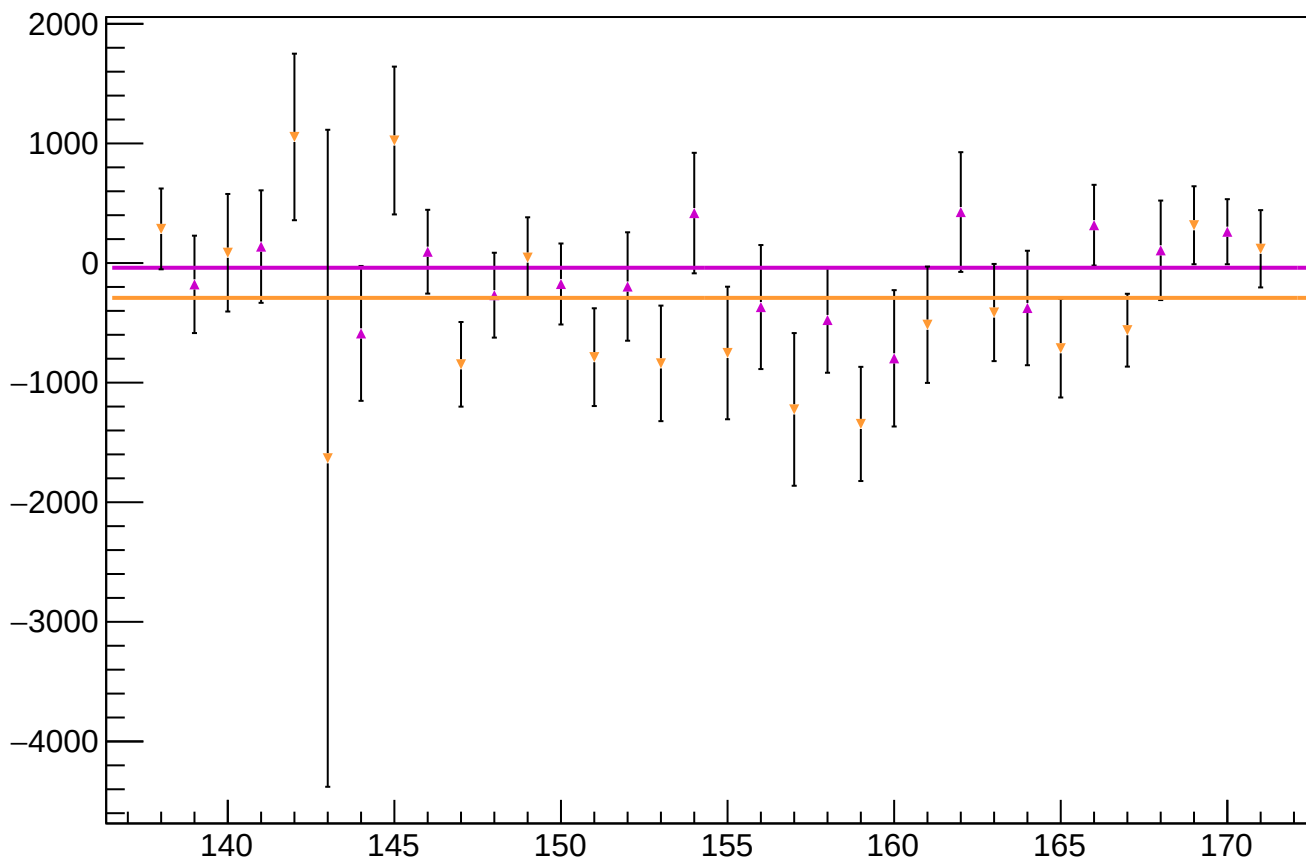
Left In: 1314.962+/-0.263 χ^2 /NDF:31545.8/15

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1320.975+/-0.184 χ^2 /NDF: 301645.3/33

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -291.283 $\pm$ 99.599 χ^2 /NDF:33.1/17

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

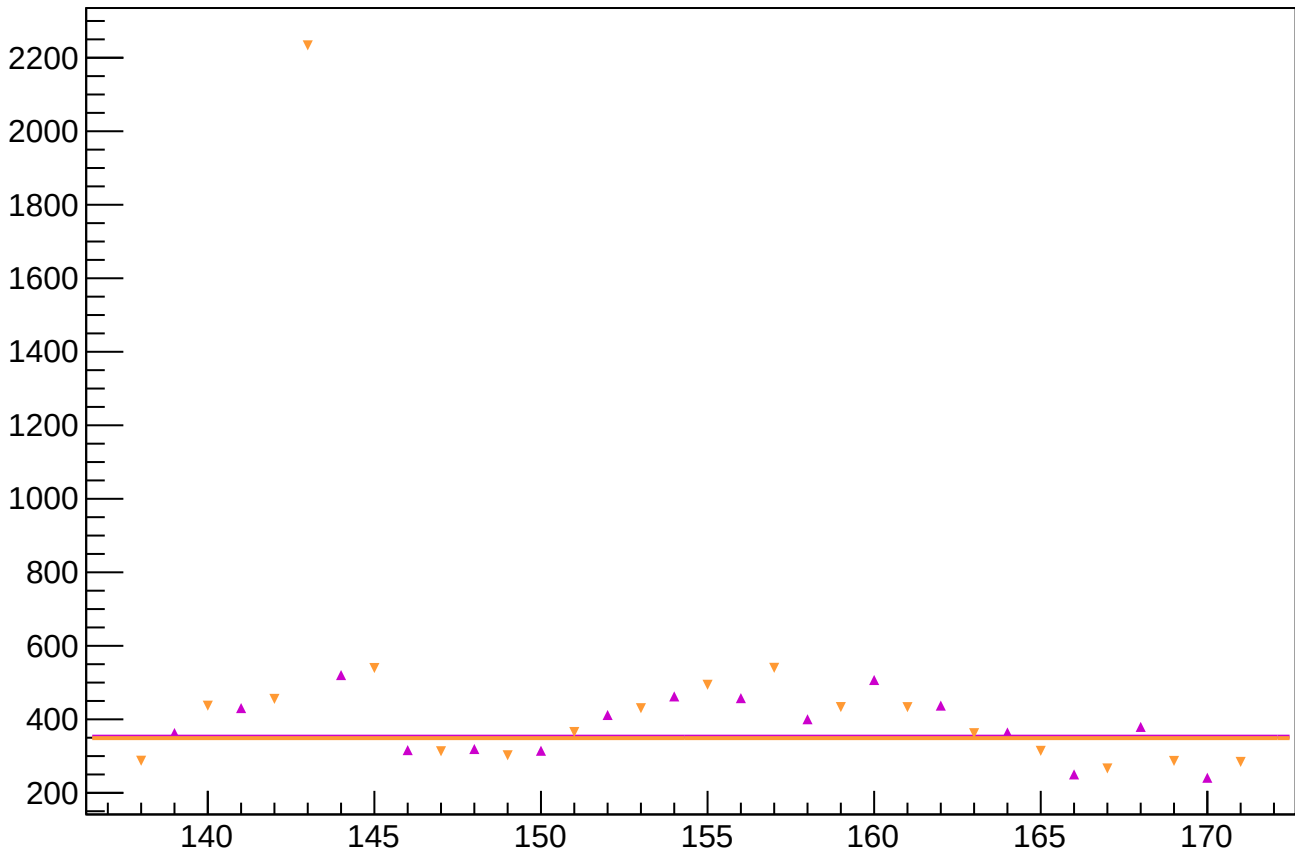
Left In: -39.488 $\pm$ 102.233 χ^2 /NDF:9.8/15

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

All: -168.671 $\pm$ 71.340 χ^2 /NDF: 46.1/33

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 348.858+/-0.070 χ^2/NDF : 2183792.4/17

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

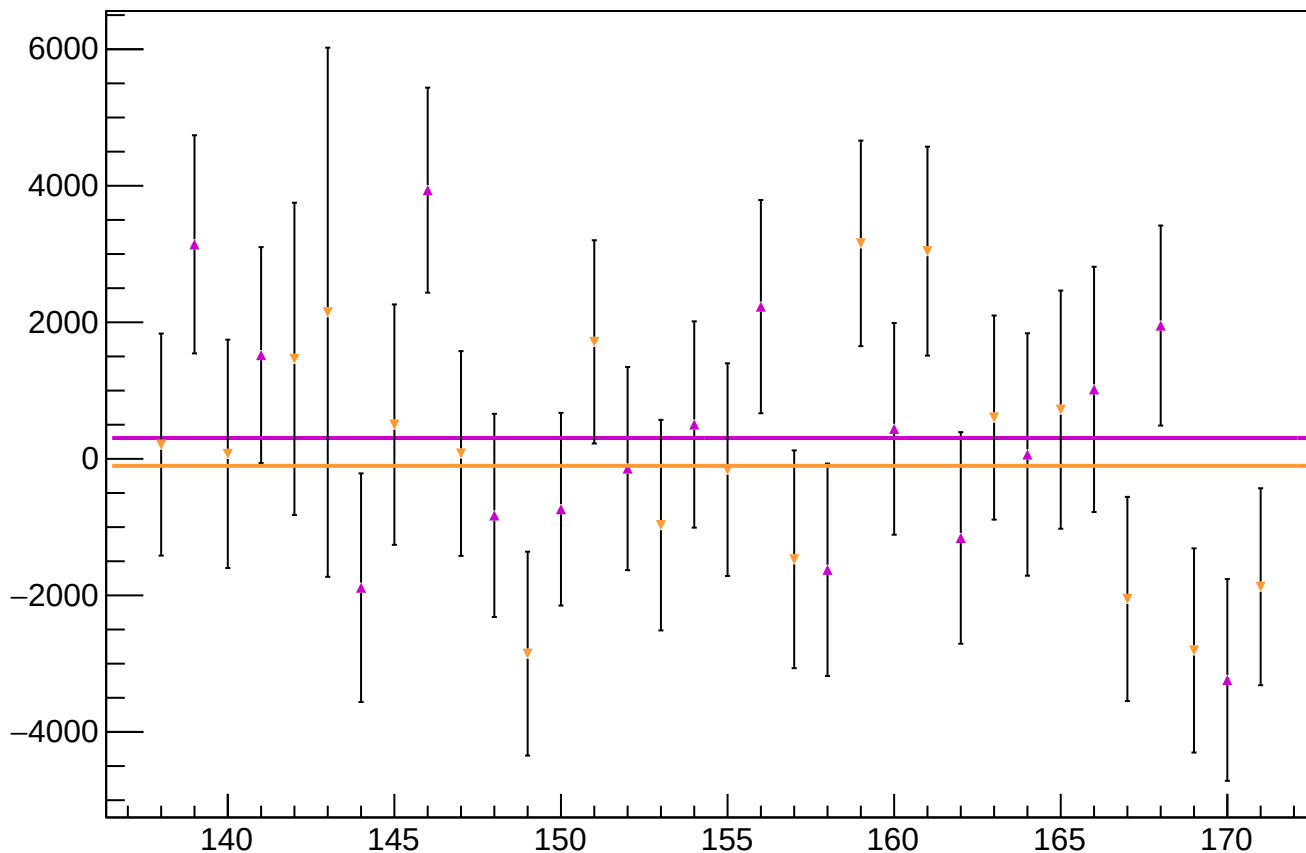
Left In: 352.846+/-0.072 χ^2/NDF : 1266251.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.800+/-0.050 χ^2/NDF : 3451605.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -102.244 $\pm$ 380.555 χ^2 /NDF:22.8/17

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

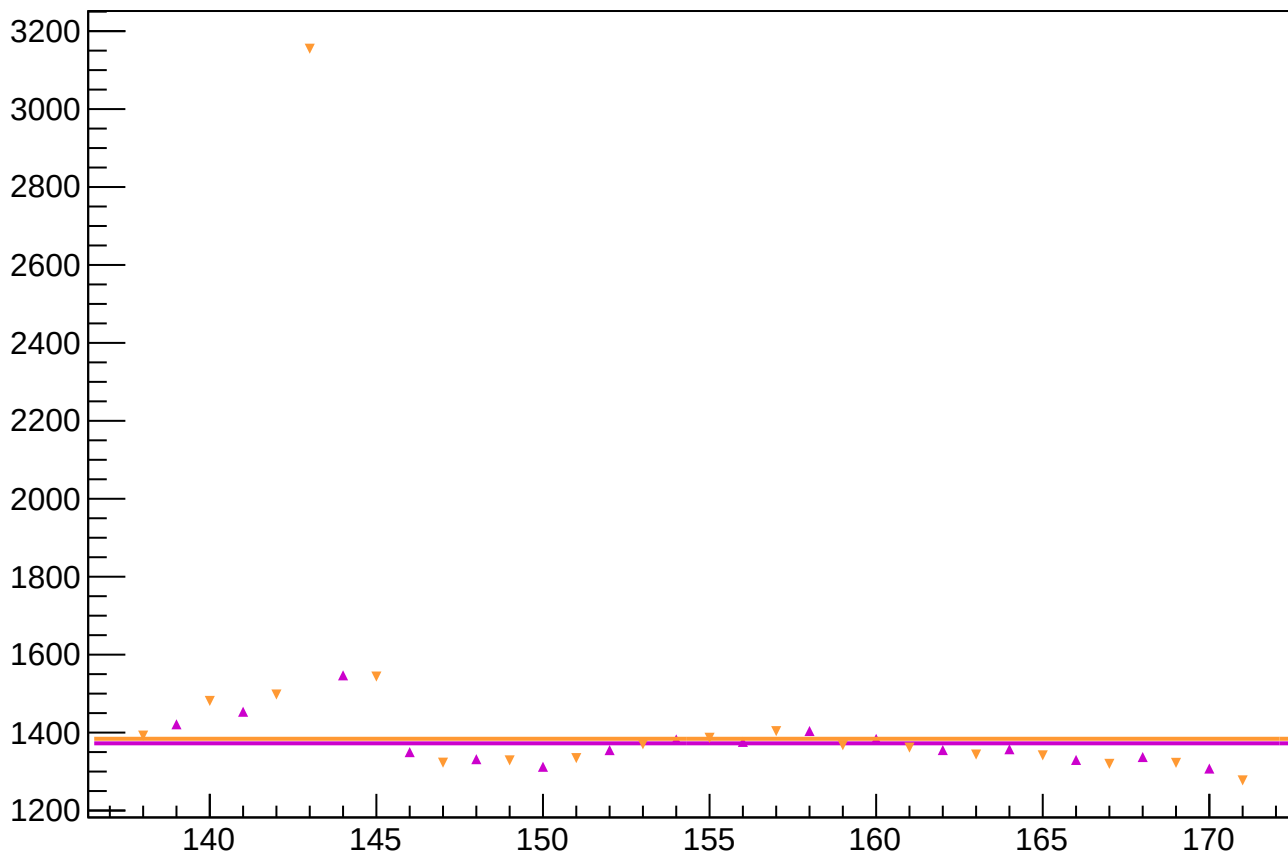
Left In: 305.208 $\pm$ 388.046 χ^2 /NDF:23.7/15

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

All: 97.511 $\pm$ 271.703 χ^2 /NDF: 47.0/33

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

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1384.146+/-0.269 χ^2/NDF : 475875.8/17

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

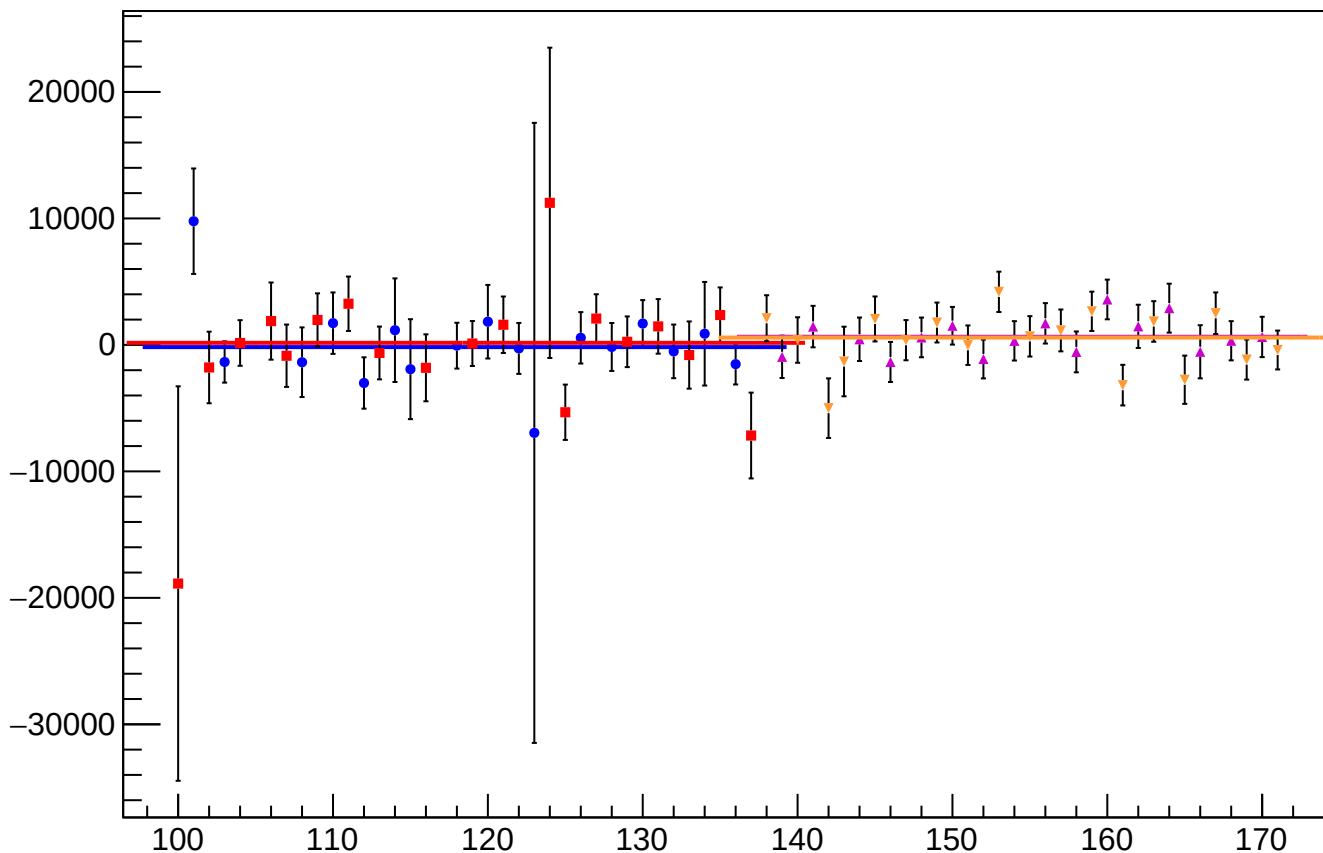
Left In: 1372.443+/-0.274 χ^2/NDF : 42233.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.409+/-0.192 χ^2/NDF : 519036.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 581.120 ± 399.777 χ^2/NDF : 27.4/17

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

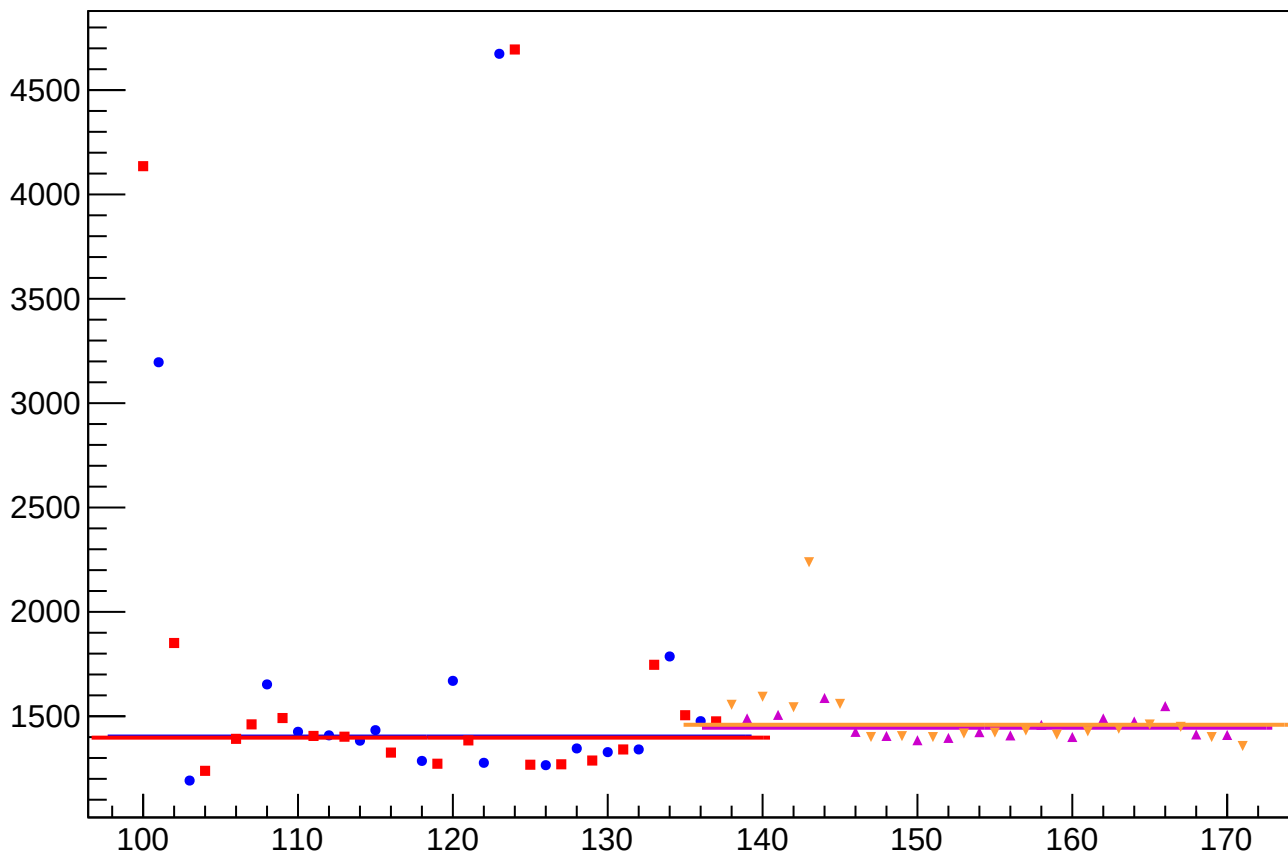
Left In: 643.269 ± 408.661 χ^2/NDF : 10.9/15

+ sign 322.666 ± 324.316 χ^2/NDF : 40.4/34

All: 395.540 ± 229.880 χ^2/NDF : 72.6/69

- sign 469.122 ± 325.888 χ^2/NDF : 32.1/34

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1459.107+/-0.283 χ^2 /NDF: 211185.7/17

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

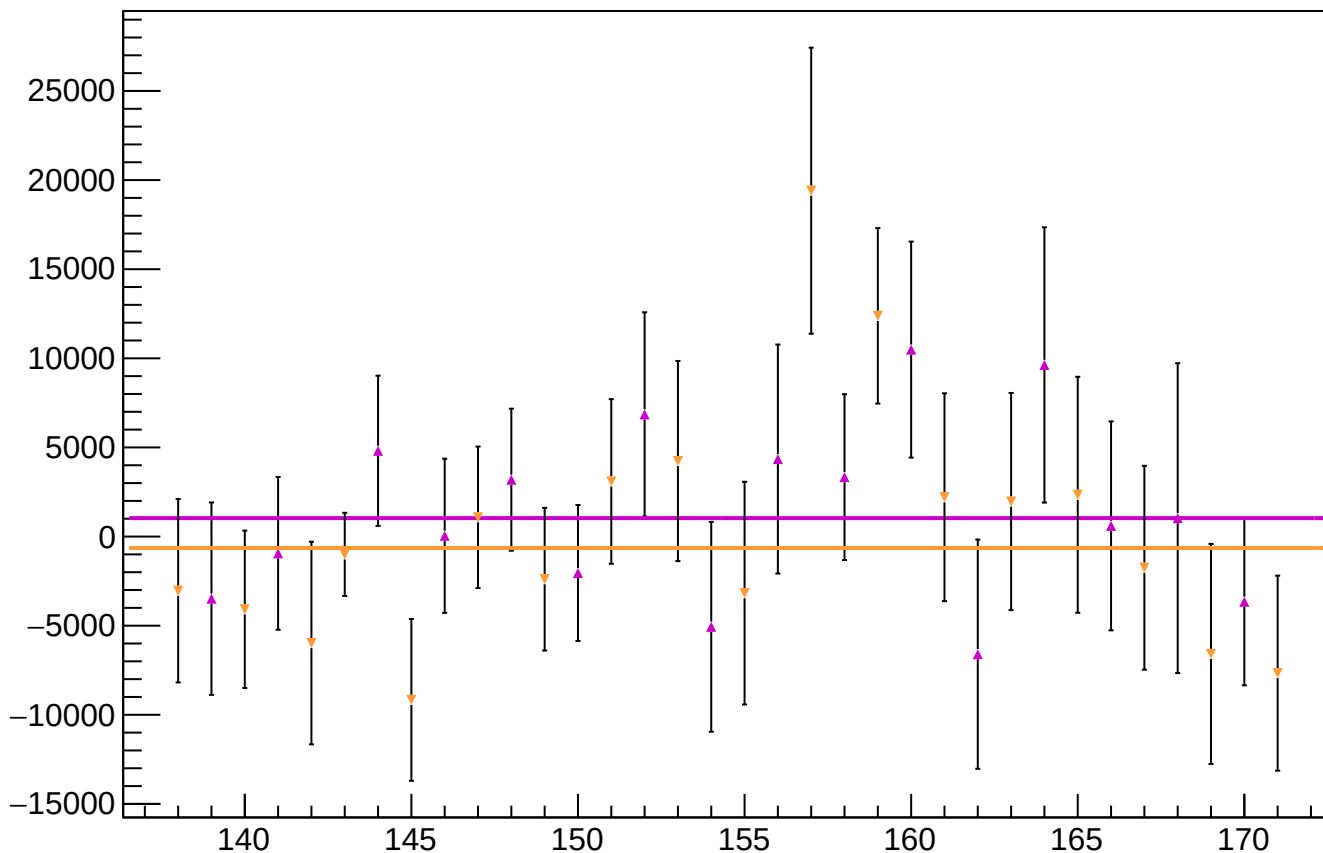
Left In: 1444.881+/-0.289 χ^2 /NDF: 36512.4/15

+ sign 1439.825+/-0.229 χ^2 /NDF: 751120.4/34

All: 1433.739+/-0.163 χ^2 /NDF: 1152232.2/69

- sign 1427.597+/-0.230 χ^2 /NDF: 399697.0/34

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -641.808+/-1111.976 χ^2/NDF :23.7/17

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

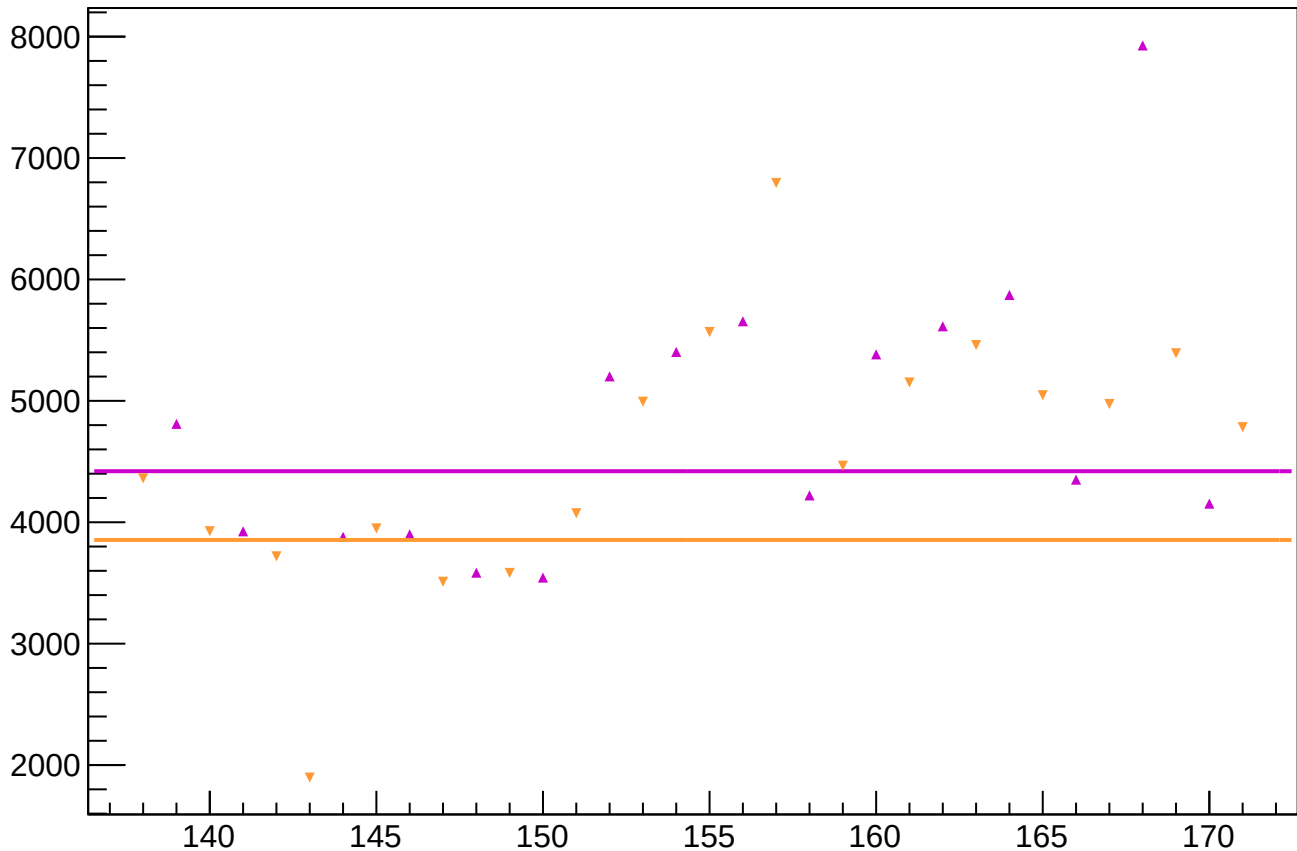
Left In: 1035.144+/-1274.168 χ^2/NDF :11.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.206+/-837.798 χ^2/NDF : 36.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3854.313+/-0.786 χ^2/NDF : 2552485.7/17

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

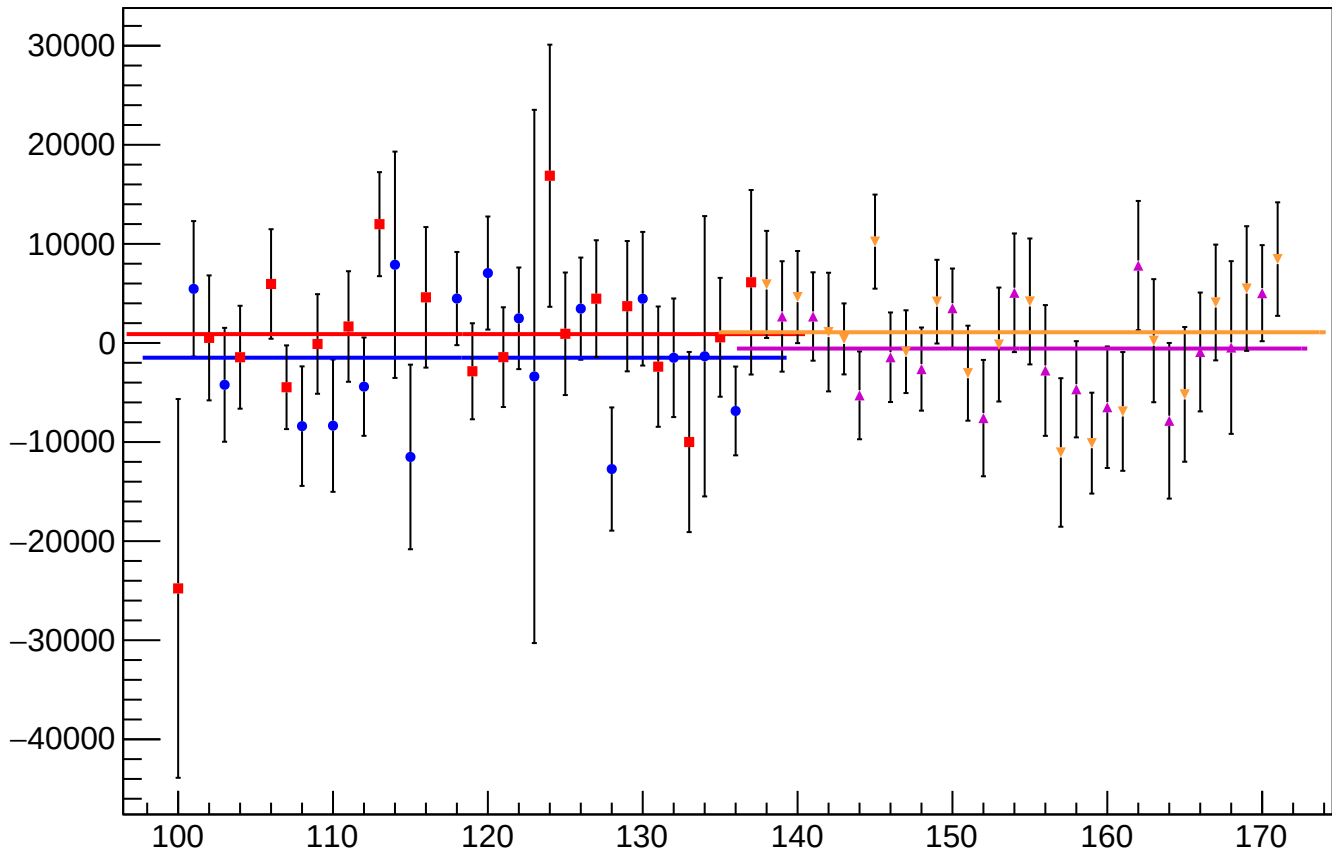
Left In: 4420.539+/-0.901 χ^2/NDF : 985199.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4099.115+/-0.592 χ^2/NDF : 3761890.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 1082.679+/-1231.535 χ^2/NDF : 19.4/17

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

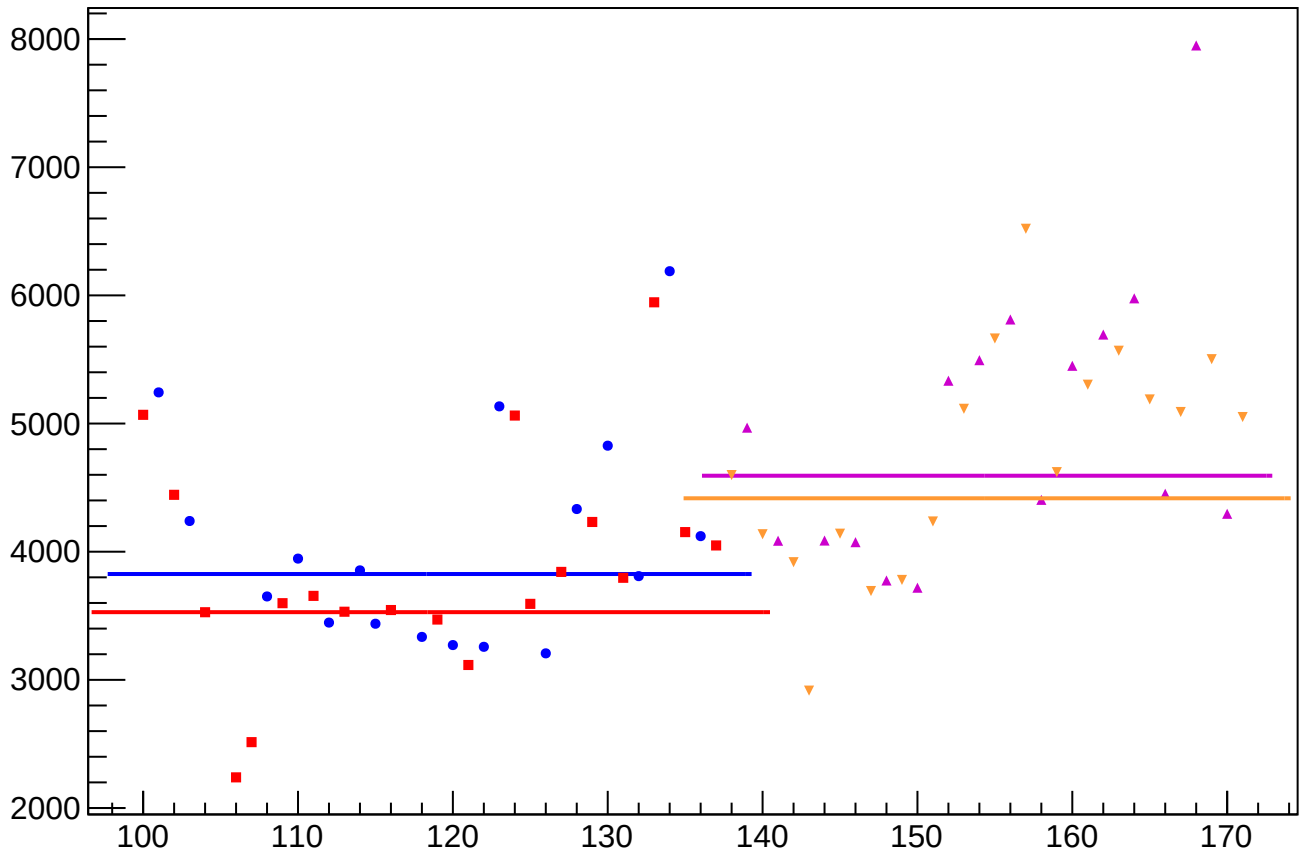
Left In: -563.725+/-1320.413 χ^2/NDF : 11.2/15

+ sign 47.236+/-951.603 χ^2/NDF : 37.8/34

All: 90.343+/-673.619 χ^2/NDF : 63.8/69

- sign 133.638+/-953.683 χ^2/NDF : 25.9/34

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3825.844 ± 1.060 $\chi^2/\text{NDF}: 334404.3/16$

Left Out: 4416.760 ± 0.871 $\chi^2/\text{NDF}: 1005449.1/17$

Right Out: 3528.289 ± 0.966 $\chi^2/\text{NDF}: 555414.1/18$

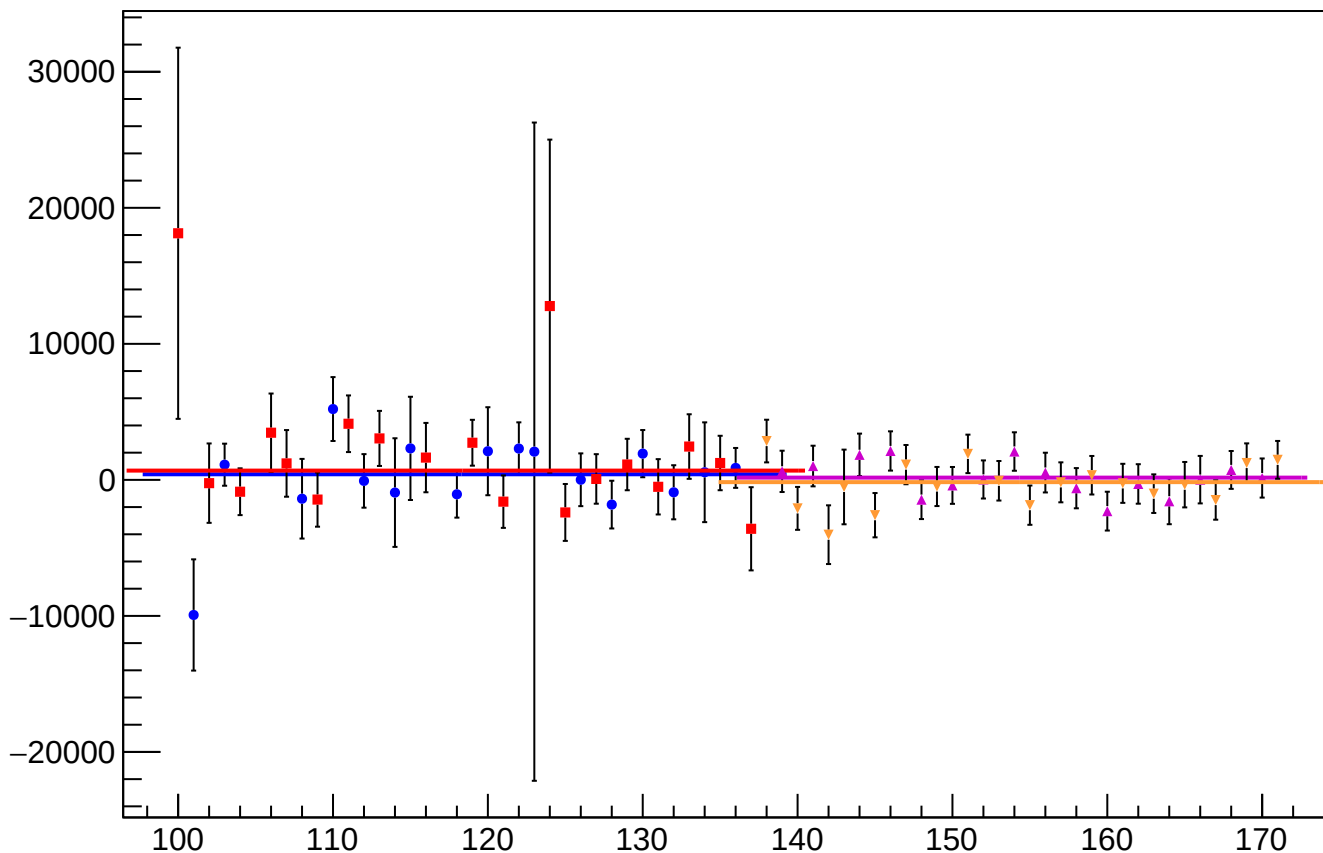
Left In: 4592.847 ± 0.934 $\chi^2/\text{NDF}: 870474.1/15$

+ sign 4178.649 ± 0.673 $\chi^2/\text{NDF}: 1525395.7/34$

All: 4128.602 ± 0.475 $\chi^2/\text{NDF}: 3590098.5/69$

- sign 4078.774 ± 0.671 $\chi^2/\text{NDF}: 2053663.0/34$

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -165.621 ± 359.671 $\chi^2/\text{NDF}: 18.7/17$

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

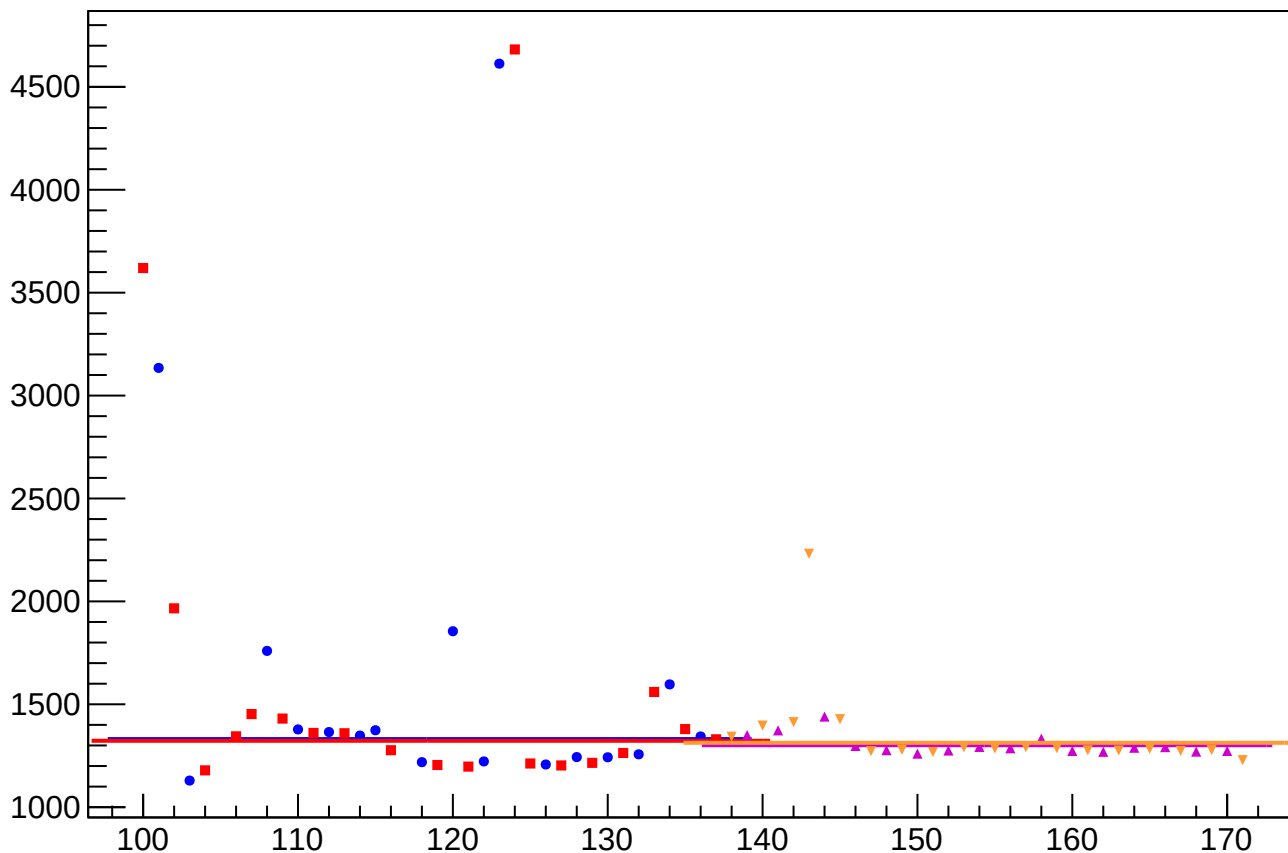
Left In: 165.628 ± 367.841 $\chi^2/\text{NDF}: 11.4/15$

+ sign 17.282 ± 297.252 $\chi^2/\text{NDF}: 36.0/34$

All: 179.178 ± 210.586 $\chi^2/\text{NDF}: 66.7/69$

- sign 342.300 ± 298.377 $\chi^2/\text{NDF}: 30.1/34$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1330.889 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

Left Out: 1312.957 $\pm$ 0.254 χ^2 /NDF: 265056.0/17

Right Out: 1322.706 $\pm$ 0.361 χ^2 /NDF: 394413.6/18

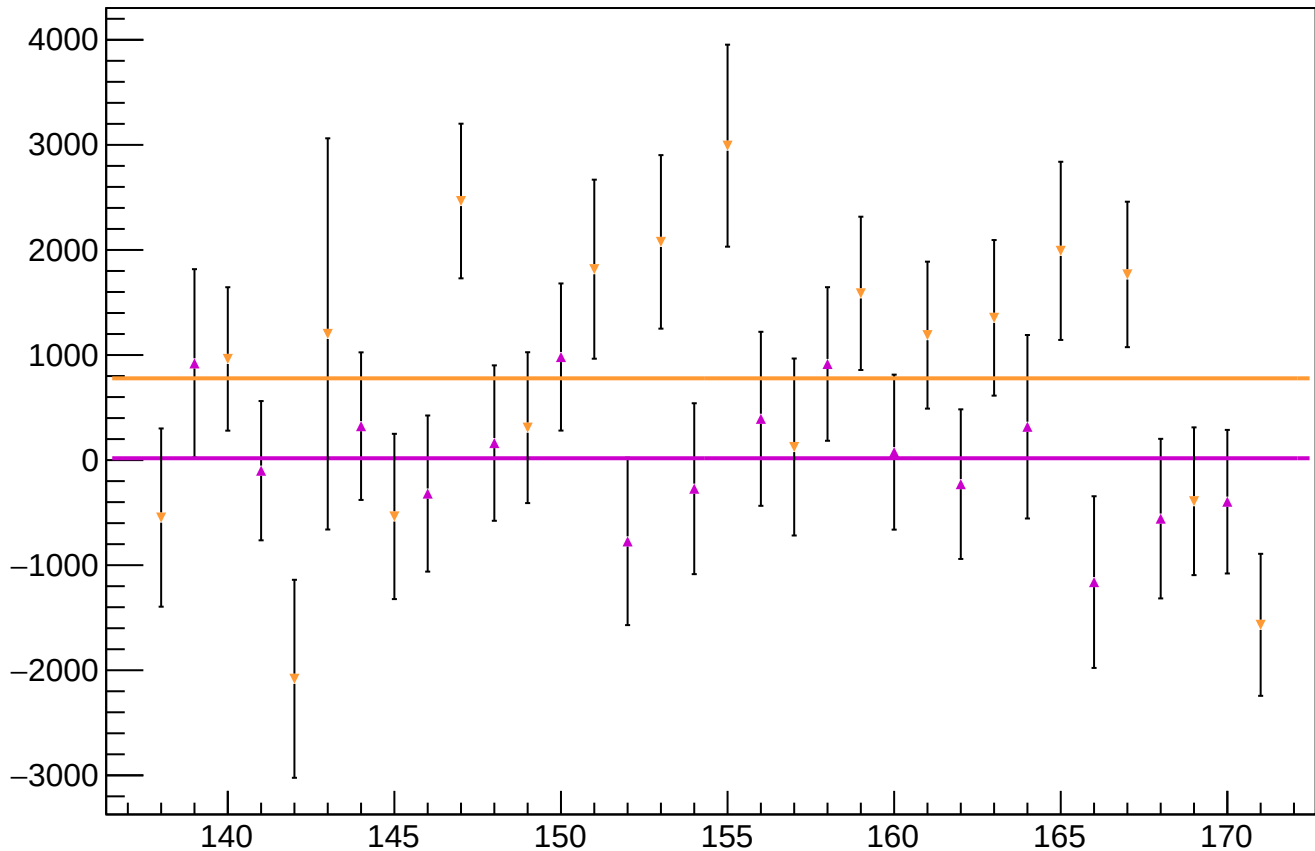
Left In: 1301.089 $\pm$ 0.260 χ^2 /NDF: 30665.2/15

+ sign 1318.641 $\pm$ 0.210 χ^2 /NDF: 870106.4/34

All: 1313.581 $\pm$ 0.149 χ^2 /NDF: 1298711.1/69

- sign 1308.482 $\pm$ 0.211 χ^2 /NDF: 427441.2/34

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 778.360+/-185.279 χ^2/NDF : 51.2/17

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

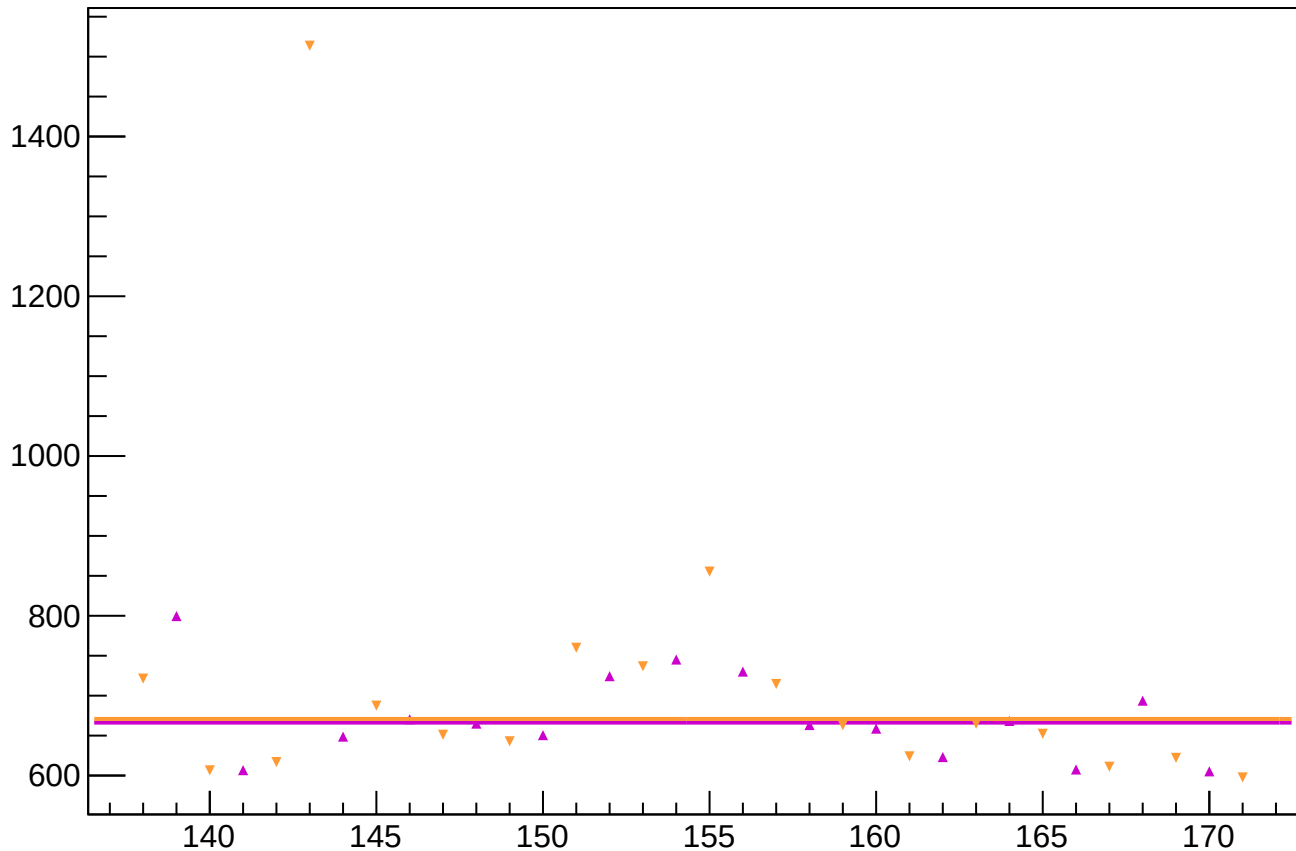
Left In: 17.724+/-188.499 χ^2/NDF : 9.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.594+/-132.136 χ^2/NDF : 69.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 670.863+/-0.131 χ^2/NDF : 618670.2/17

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

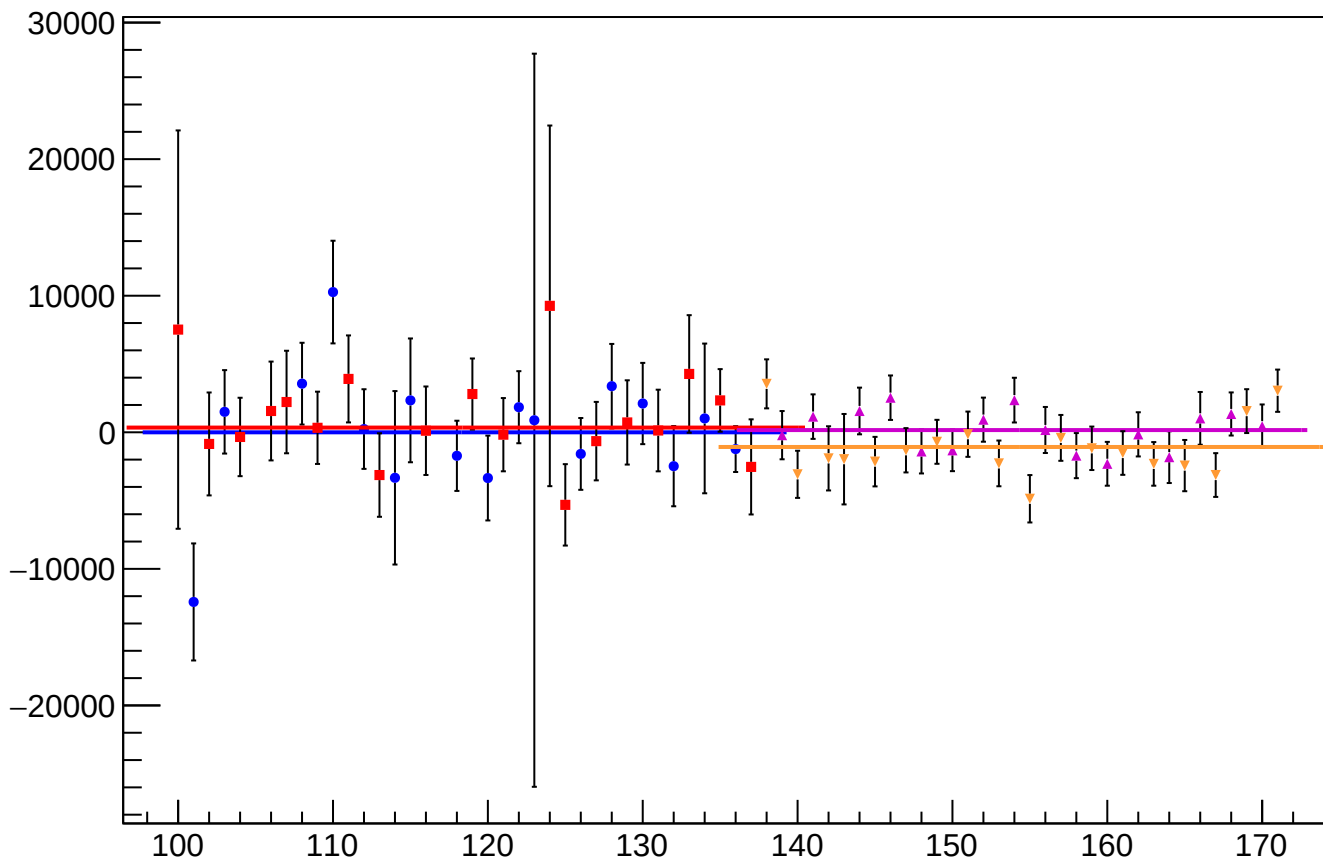
Left In: 666.249+/-0.133 χ^2/NDF : 140574.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.596+/-0.093 χ^2/NDF : 759853.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -1075.177 ± 406.364 χ^2/NDF : 27.0/17

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

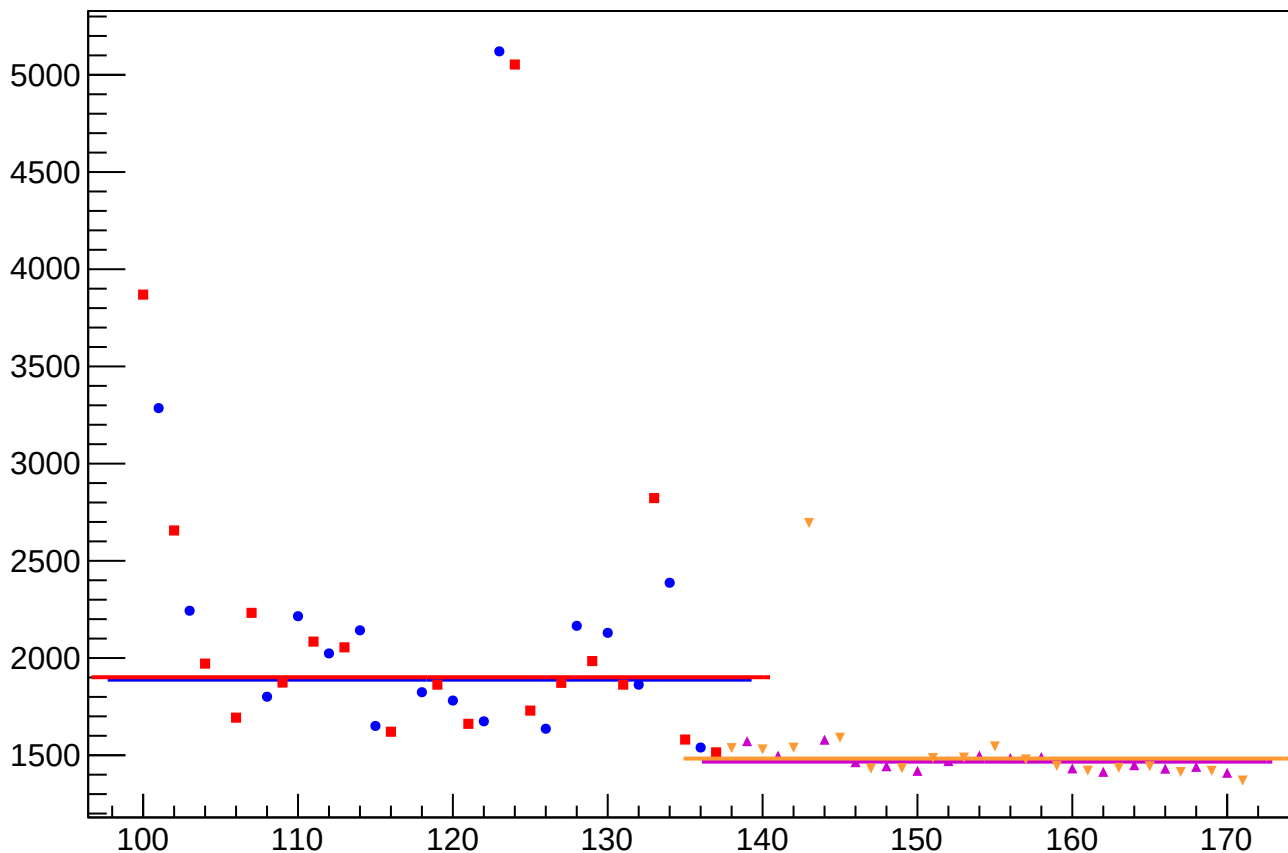
Left In: 162.068 ± 414.588 χ^2/NDF : 12.7/15

+ sign -829.176 ± 356.752 χ^2/NDF : 52.1/34

All: -317.460 ± 253.733 χ^2/NDF : 79.7/69

- sign 206.375 ± 360.951 χ^2/NDF : 23.4/34

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1482.877+/-0.287 χ^2/NDF : 310312.2/17

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

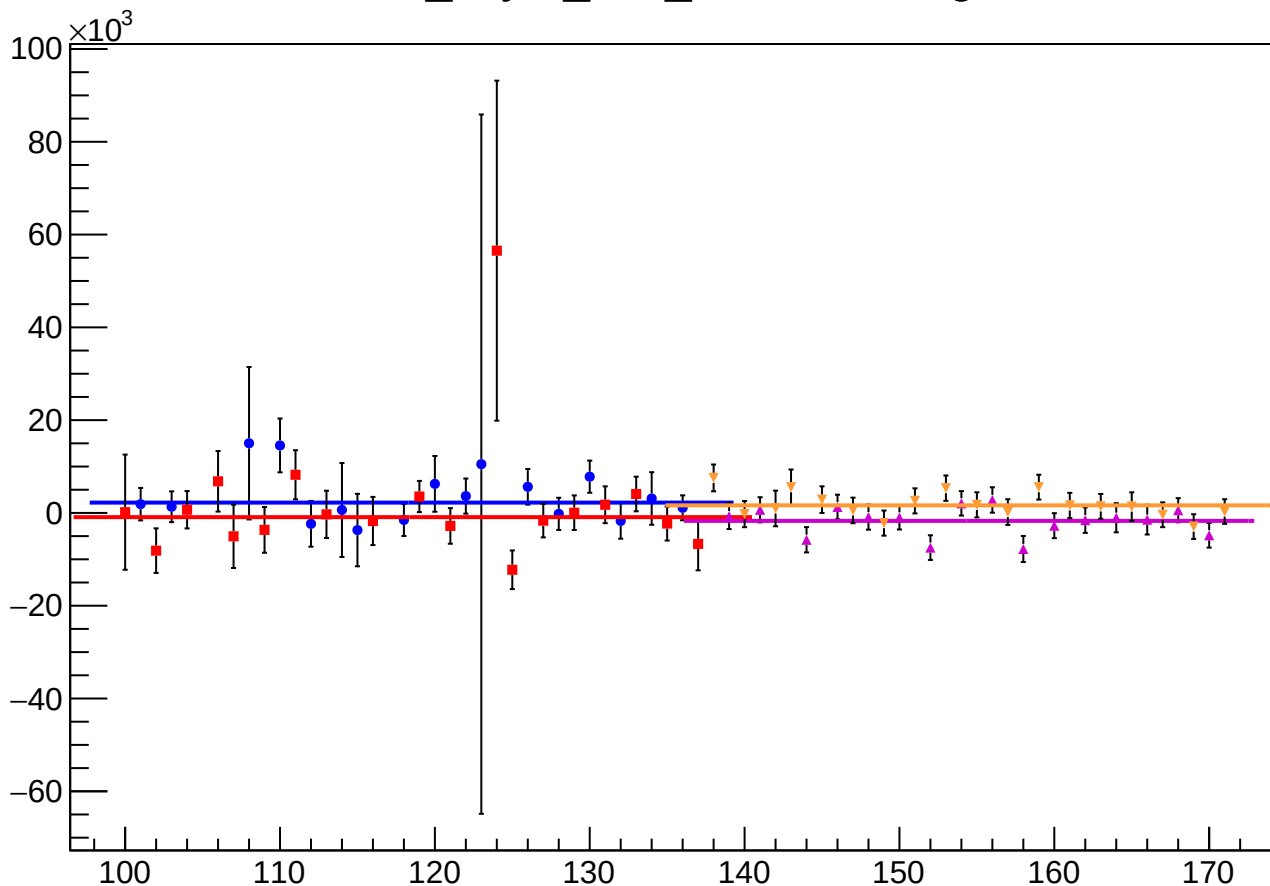
Left In: 1467.138+/-0.293 χ^2/NDF : 27372.3/15

+ sign 1575.946+/-0.252 χ^2/NDF : 1233730.2/34

All: 1574.095+/-0.179 χ^2/NDF : 2253323.4/69

- sign 1572.199+/-0.255 χ^2/NDF : 1019484.1/34

dit_asym_atl1_mean vs Slug



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

Left Out: 1634.730 $\pm$ 666.102 χ^2 /NDF:16.3/17

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

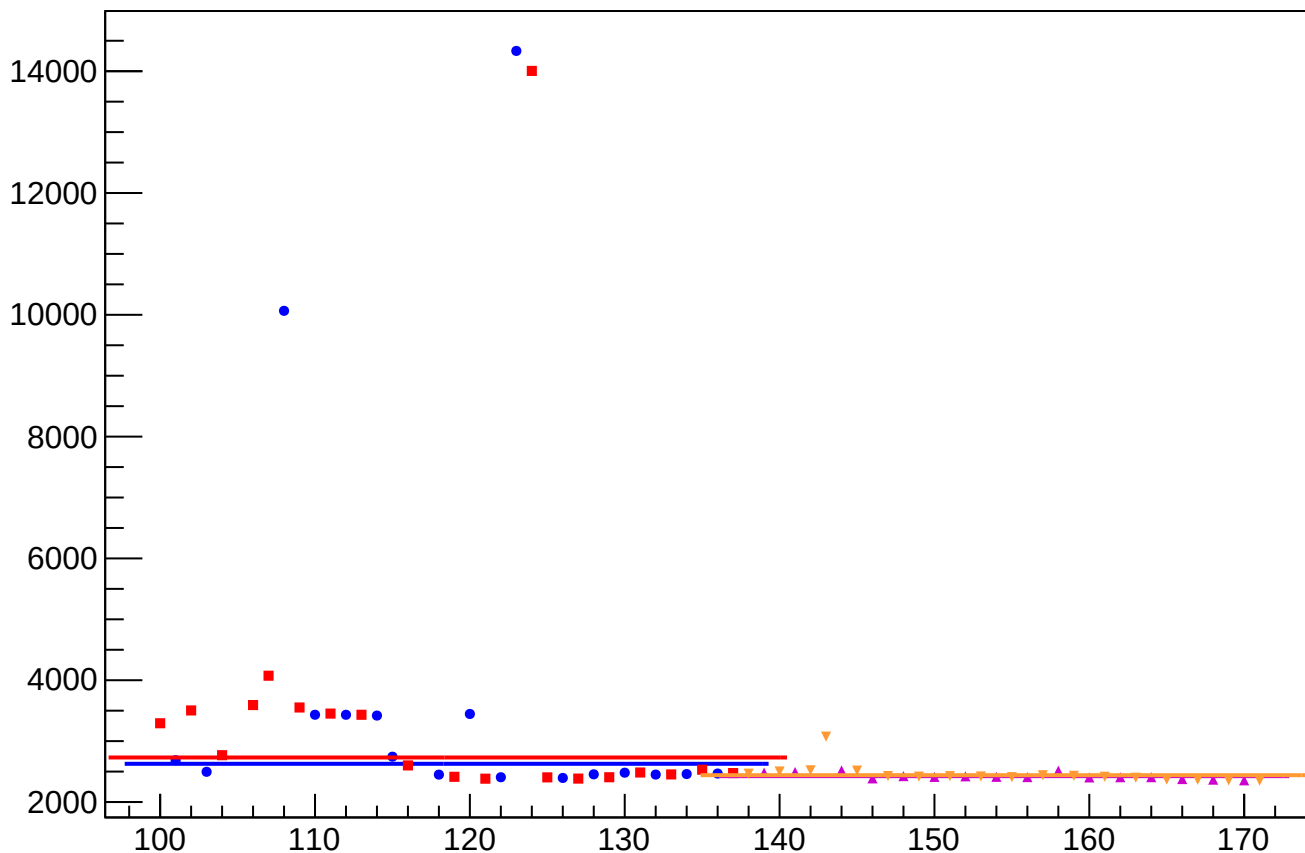
Left In: -1715.357 $\pm$ 685.259 χ^2 /NDF:21.0/15

+ sign 1807.334 $\pm$ 560.804 χ^2 /NDF: 30.0/34

All: 203.380 $\pm$ 400.910 χ^2 /NDF: 91.1/69

- sign -1473.142 $\pm$ 573.350 χ^2 /NDF: 44.4/34

dit_asym_atl1_rms vs Slug



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

Left Out: 2440.752+/-0.471 χ^2/NDF : 66877.8/17

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

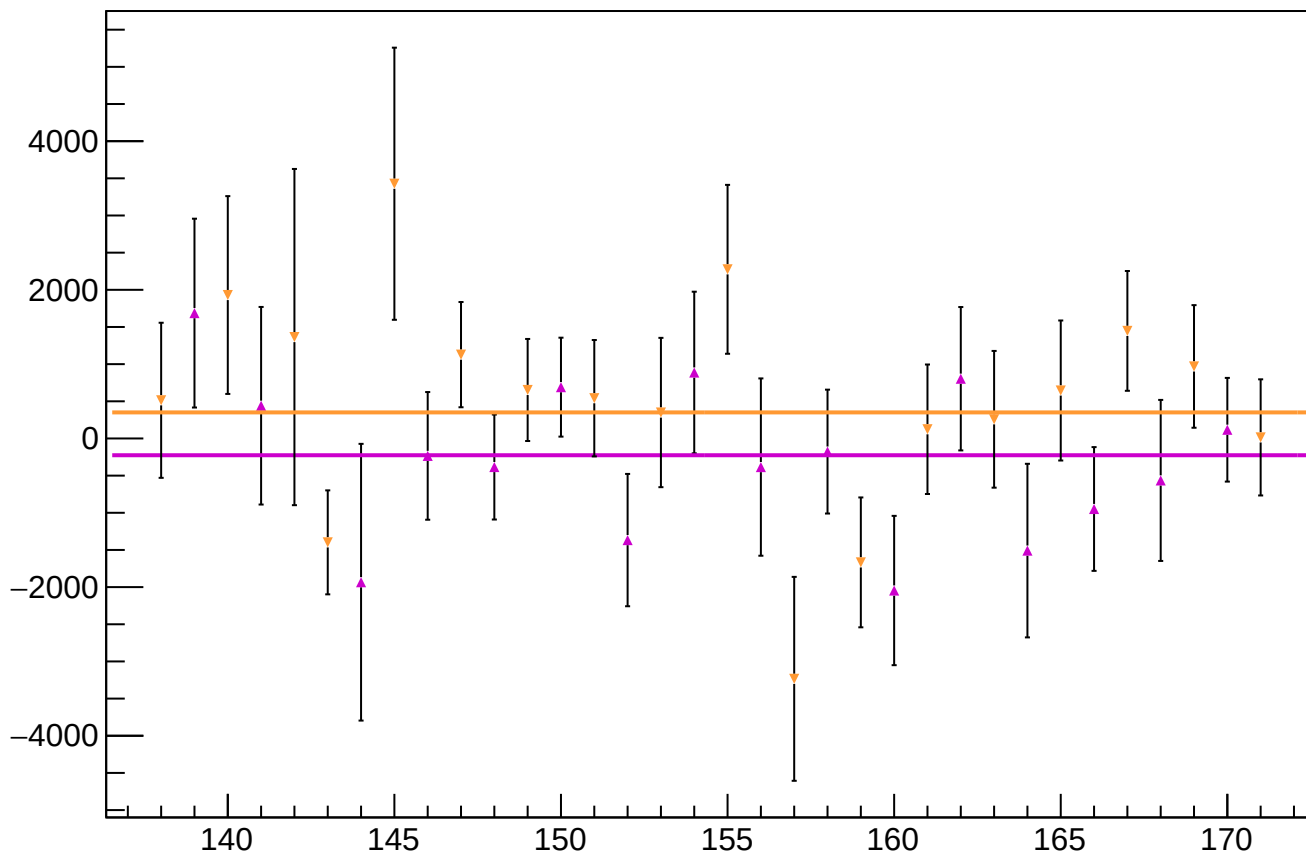
Left In: 2424.840+/-0.485 χ^2/NDF : 10005.4/15

+ sign 2495.148+/-0.397 χ^2/NDF : 757082.1/34

All: 2505.712+/-0.283 χ^2/NDF : 1486705.6/69

- sign 2516.753+/-0.405 χ^2/NDF : 728172.1/34

asym_atl1_correction_mean vs Slug



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

Left Out: 350.566+/-214.918 χ^2/NDF :30.0/17

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

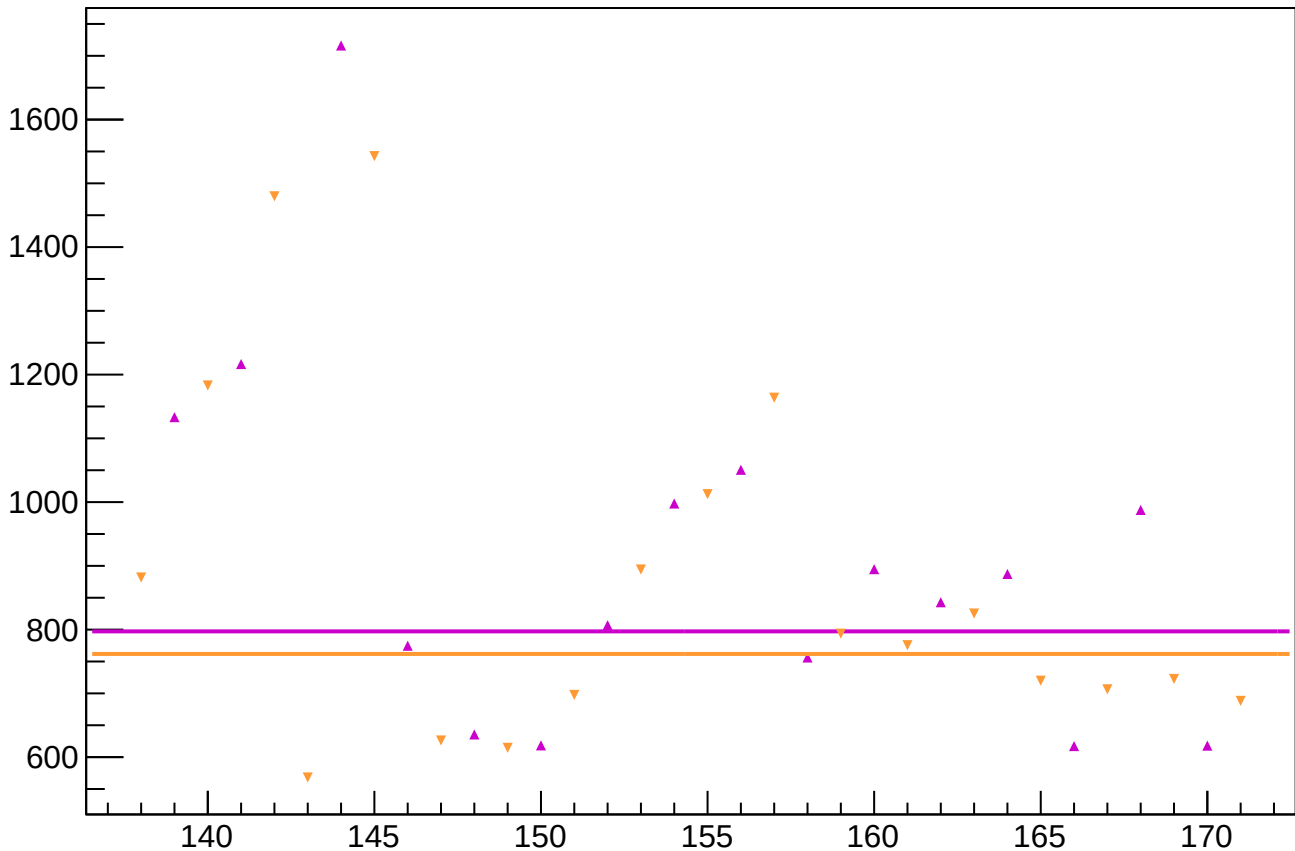
Left In: -225.665+/-232.558 χ^2/NDF :14.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.132+/-157.838 χ^2/NDF : 48.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_correction_rms vs Slug



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

Left Out: 761.836+/-0.152 χ^2/NDF :1476566.6/17

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

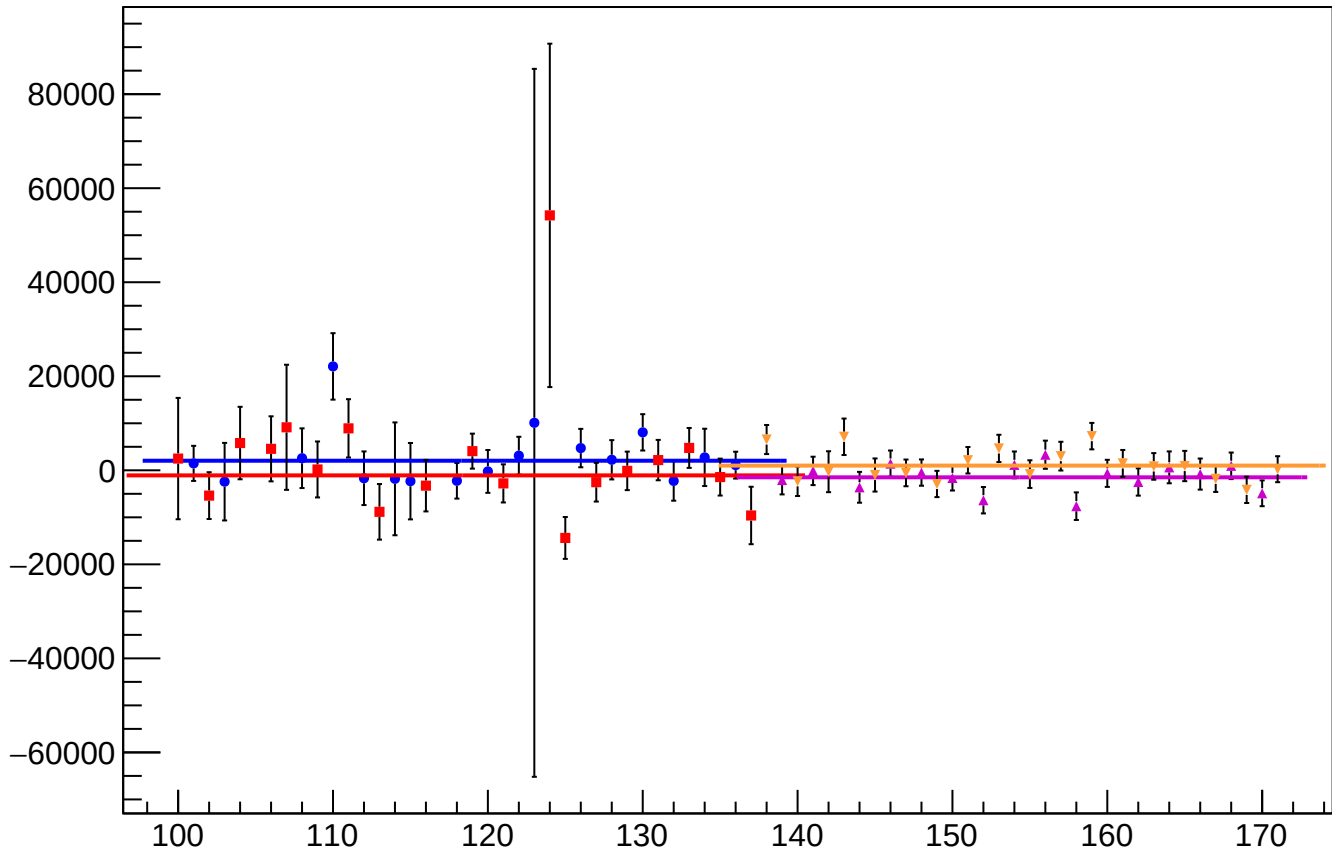
Left In: 797.256+/-0.164 χ^2/NDF :1562638.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.152+/-0.112 χ^2/NDF : 3064227.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



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

Left Out: 1002.658+/-710.138 χ^2/NDF : 21.6/17

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

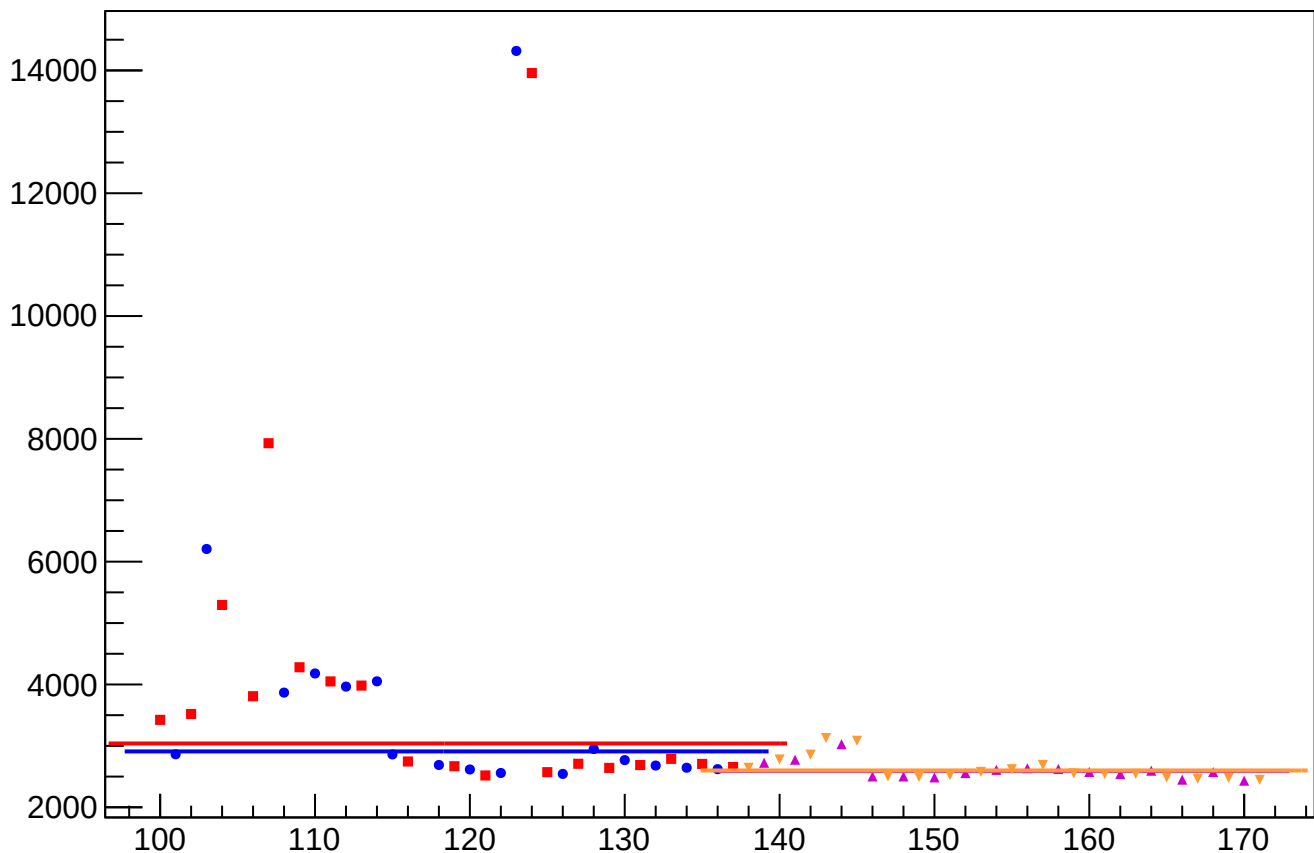
Left In: -1492.671+/-733.316 χ^2/NDF : 15.6/15

+ sign 1287.905+/-604.426 χ^2/NDF : 37.0/34

All: -3.296+/-434.087 χ^2/NDF : 87.5/69

- sign -1378.665+/-623.816 χ^2/NDF : 41.0/34

asym_atl1_rms vs Slug



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

Left Out: 2599.320+/-0.502 χ^2/NDF : 116847.1/17

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

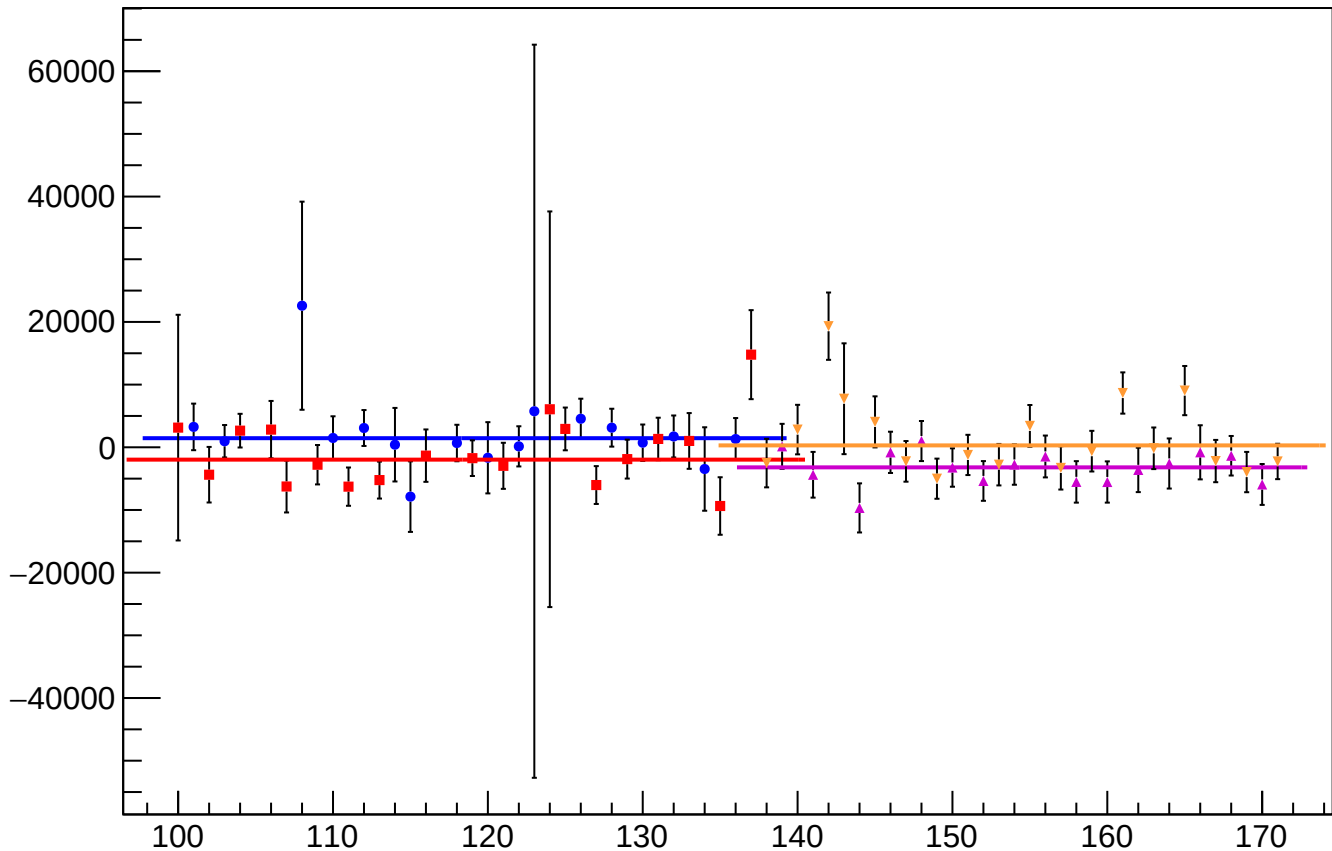
Left In: 2591.750+/-0.519 χ^2/NDF : 65696.5/15

+ sign 2684.858+/-0.427 χ^2/NDF : 864045.2/34

All: 2699.637+/-0.307 χ^2/NDF : 2149216.9/69

- sign 2715.379+/-0.441 χ^2/NDF : 1282702.3/34

dit_asym_atl2_mean vs Slug



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

Left Out: 303.018 $\pm$ 831.427 χ^2 /NDF:36.1/17

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

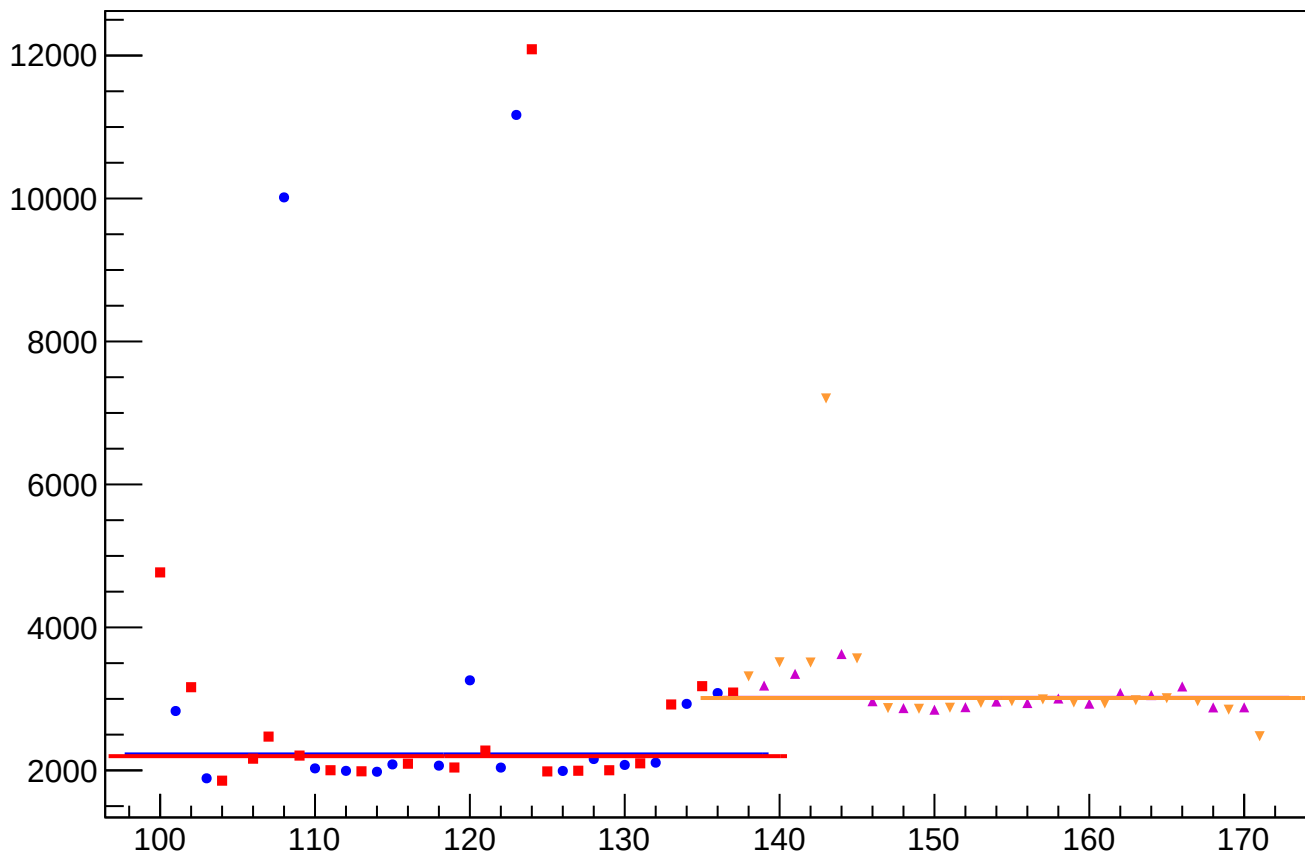
Left In: -3201.833 $\pm$ 853.018 χ^2 /NDF:9.1/15

+ sign 839.087 $\pm$ 607.244 χ^2 /NDF: 44.4/34

All: -886.347 $\pm$ 427.620 χ^2 /NDF: 92.9/69

- sign -2583.678 $\pm$ 602.279 χ^2 /NDF: 32.5/34

dit_asym_atl2_rms vs Slug



Right In: 2223.132+/-0.629 χ^2/NDF : 850289.4/16

Left Out: 3012.266+/-0.588 χ^2/NDF : 640041.8/17

Right Out: 2198.760+/-0.601 χ^2/NDF : 602418.1/18

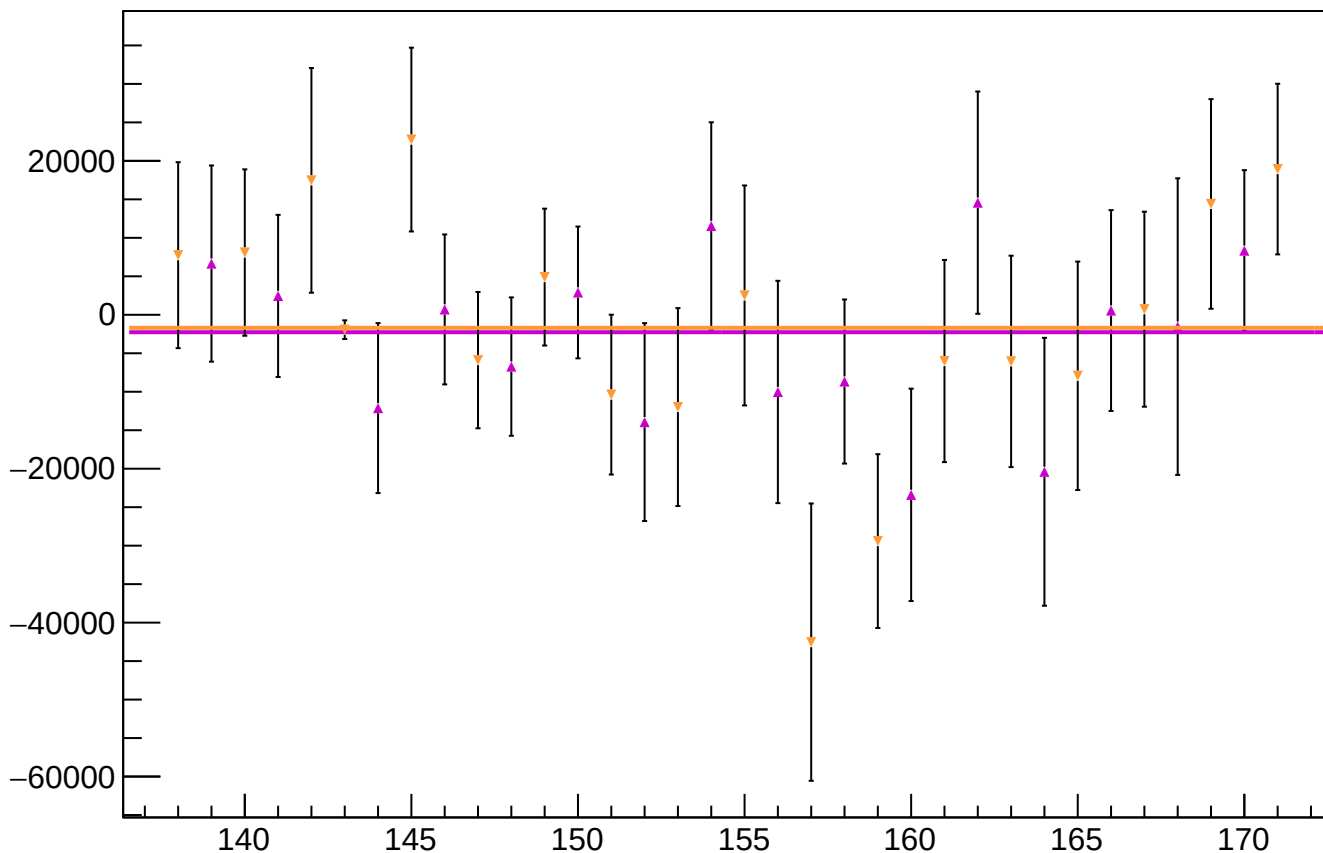
Left In: 3014.871+/-0.603 χ^2/NDF : 97428.5/15

+ sign 2644.080+/-0.429 χ^2/NDF : 2330949.4/34

All: 2624.528+/-0.302 χ^2/NDF : 3953627.0/69

- sign 2605.309+/-0.426 χ^2/NDF : 1618566.0/34

asym_atl2_correction_mean vs Slug



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

Left Out: -1688.234 $\pm$ 1115.545 χ^2 /NDF:26.0/17

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

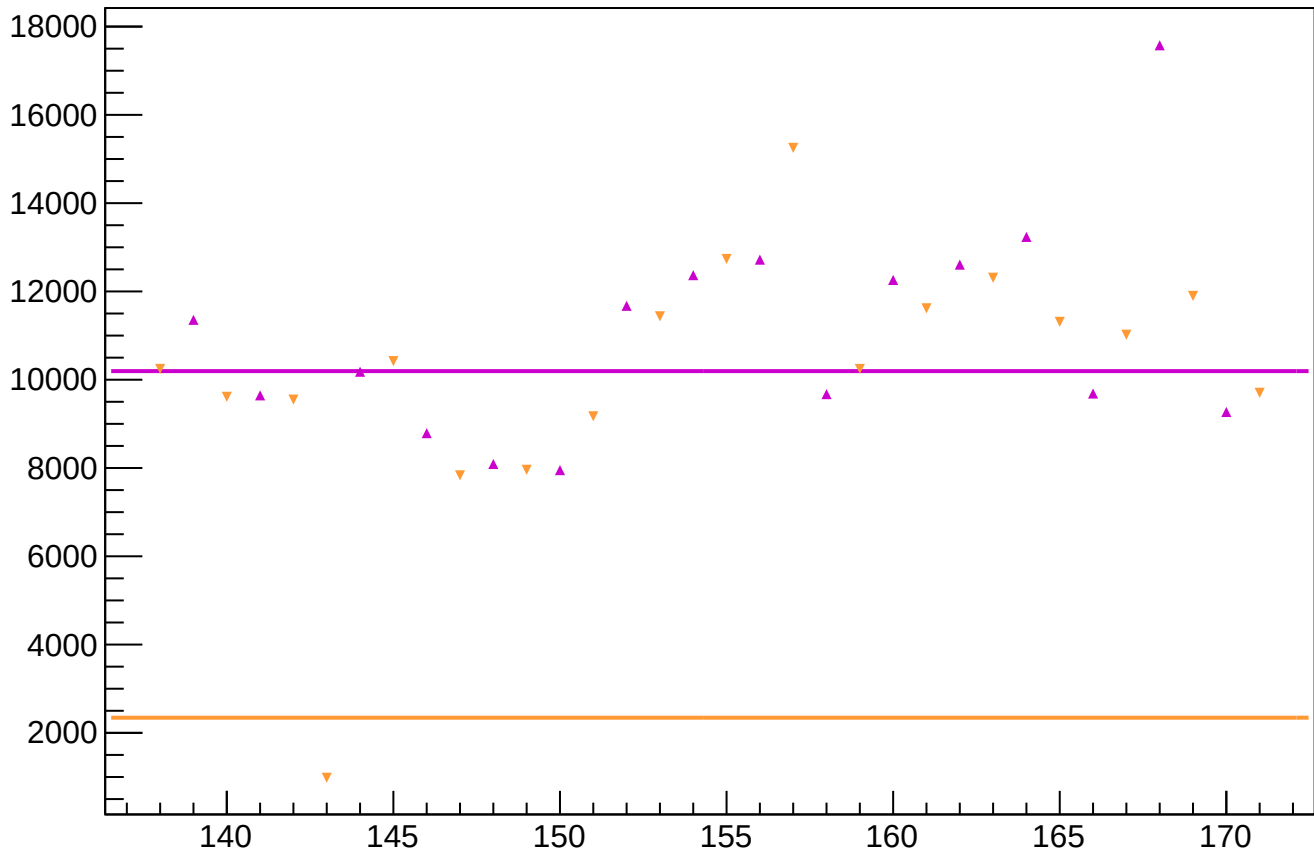
Left In: -2265.291 $\pm$ 2934.635 χ^2 /NDF:10.6/15

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

All: -1761.091 $\pm$ 1042.748 χ^2 /NDF: 36.6/33

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

asym_atl2_correction_rms vs Slug



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

Left Out: 2343.667+/-0.789 χ^2/NDF :17776005.3/17

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

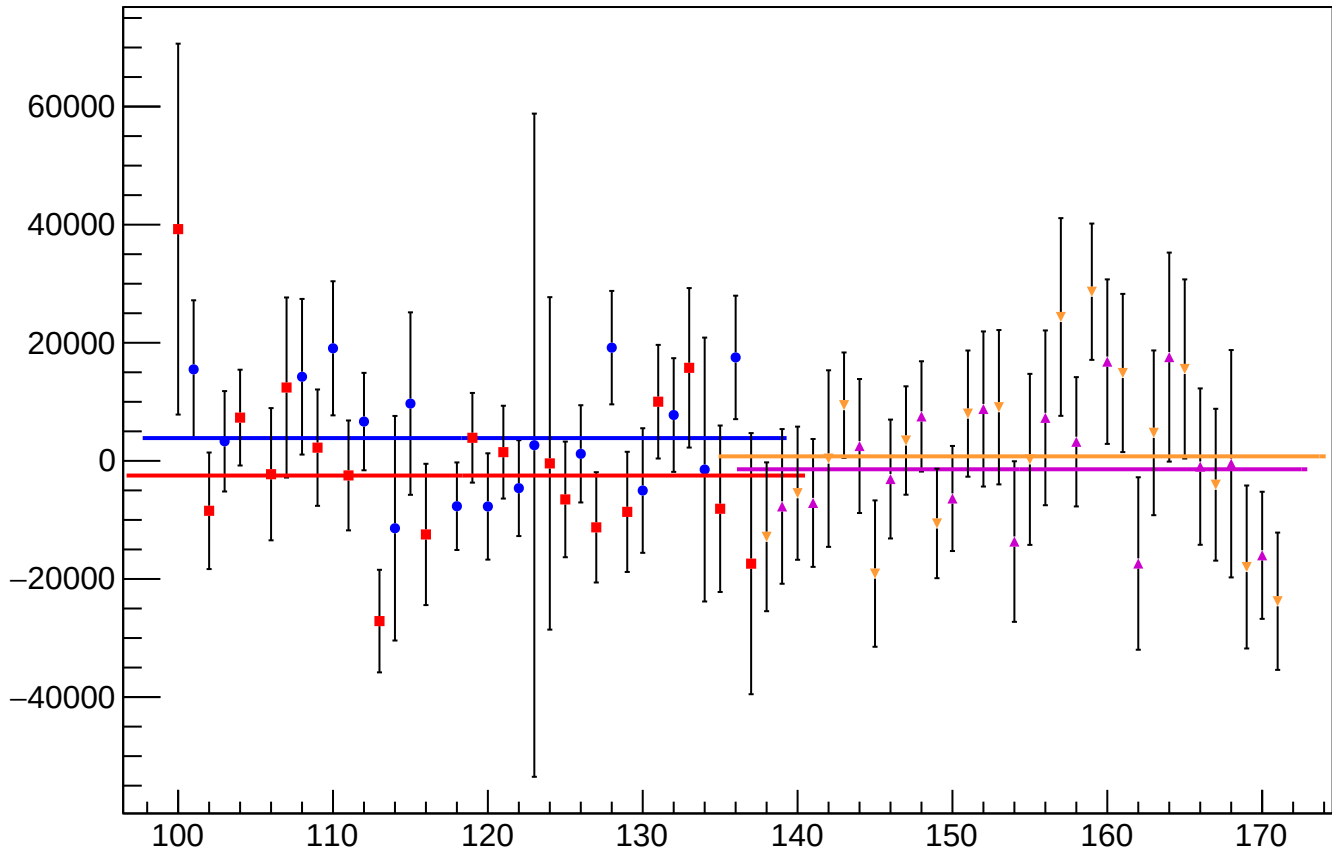
Left In: 10195.001+/-2.075 χ^2/NDF :928682.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3334.942+/-0.737 χ^2/NDF : 31212835.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

Left Out: 767.826 $\pm$ 2823.405 χ^2 /NDF:23.8/17

Right Out: -2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

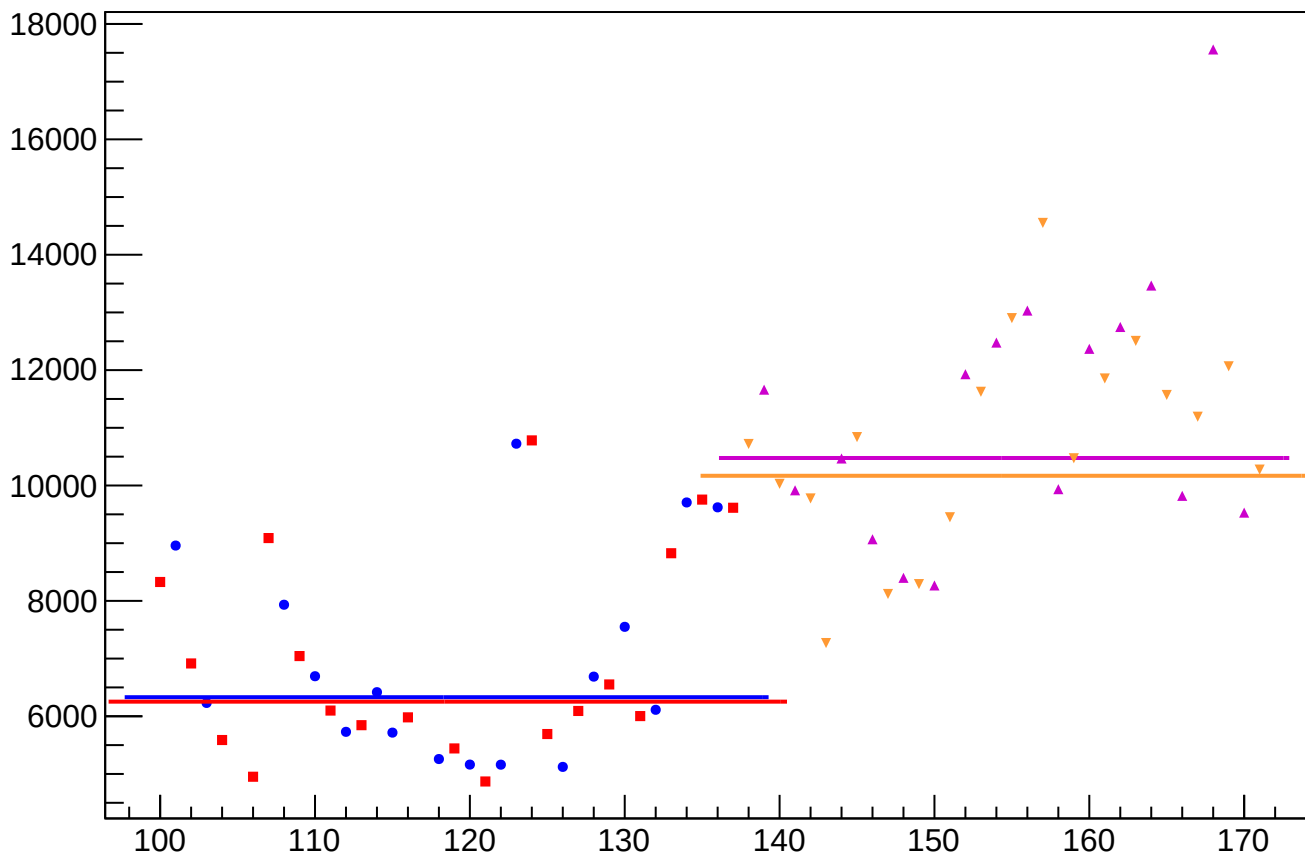
Left In: -1423.671 $\pm$ 3011.386 χ^2 /NDF:9.7/15

+ sign 2495.657 $\pm$ 1875.388 χ^2 /NDF: 39.3/34

All: 228.395 $\pm$ 1330.182 χ^2 /NDF: 72.1/69

- sign -2067.008 $\pm$ 1886.990 χ^2 /NDF: 29.8/34

asym_atl2_rms vs Slug



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

Left Out: 10168.521+/-1.996 χ^2/NDF : 803558.0/17

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

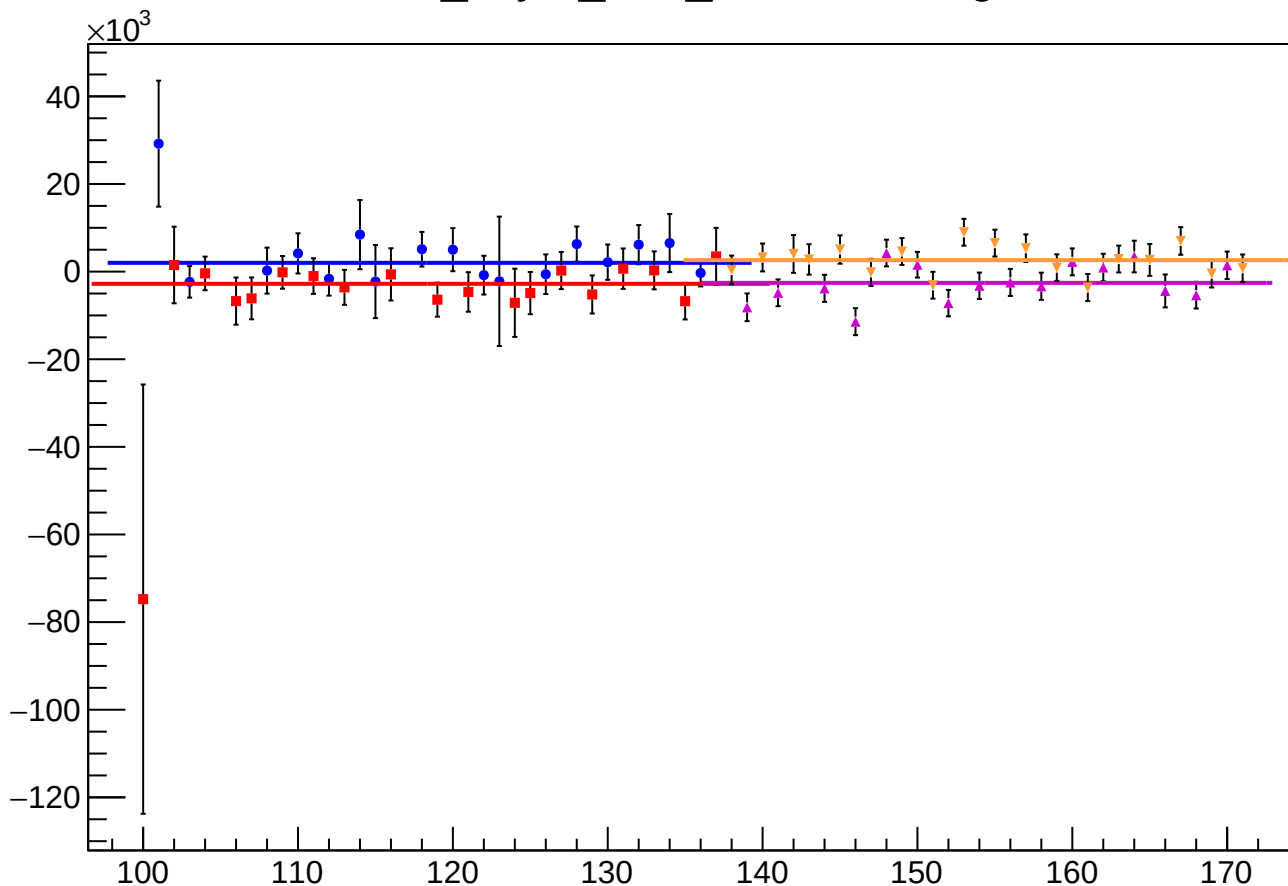
Left In: 10476.733+/-2.129 χ^2/NDF : 848647.4/15

+ sign 8023.711+/-1.326 χ^2/NDF : 3462350.6/34

All: 7967.979+/-0.941 χ^2/NDF : 7239239.3/69

- sign 7911.559+/-1.334 χ^2/NDF : 3773334.4/34

dit_asym_atr1_mean vs Slug



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

Left Out: 2613.759 $\pm$ 755.053 χ^2 /NDF:20.2/17

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

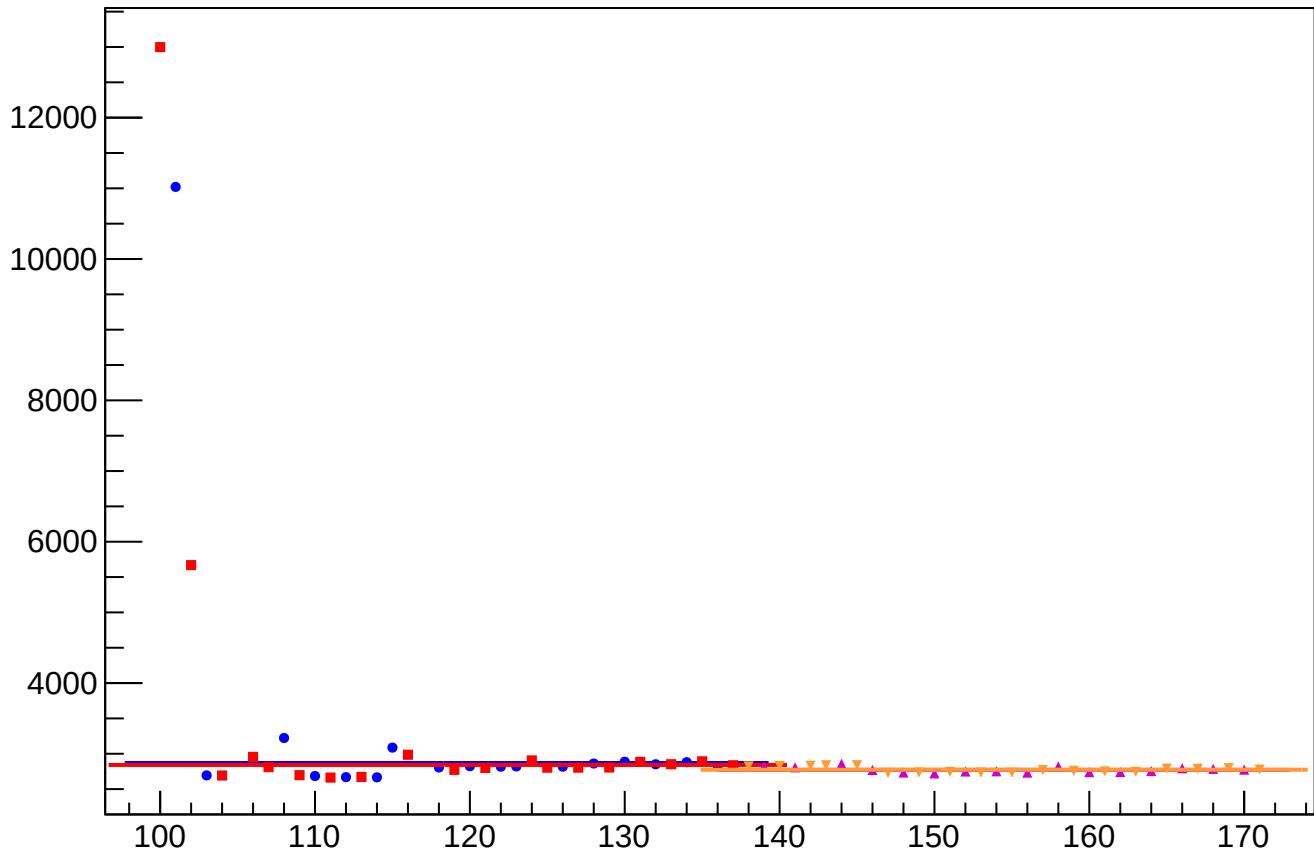
Left In: -2562.728 $\pm$ 781.894 χ^2 /NDF:30.8/15

+ sign 2426.945 $\pm$ 628.525 χ^2 /NDF: 32.5/34

All: -80.894 $\pm$ 446.557 χ^2 /NDF: 105.3/69

- sign -2637.233 $\pm$ 634.573 χ^2 /NDF: 40.7/34

dit_asym_atr1_rms vs Slug



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

Left Out: 2774.073+/-0.534 χ^2/NDF : 4932.4/17

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

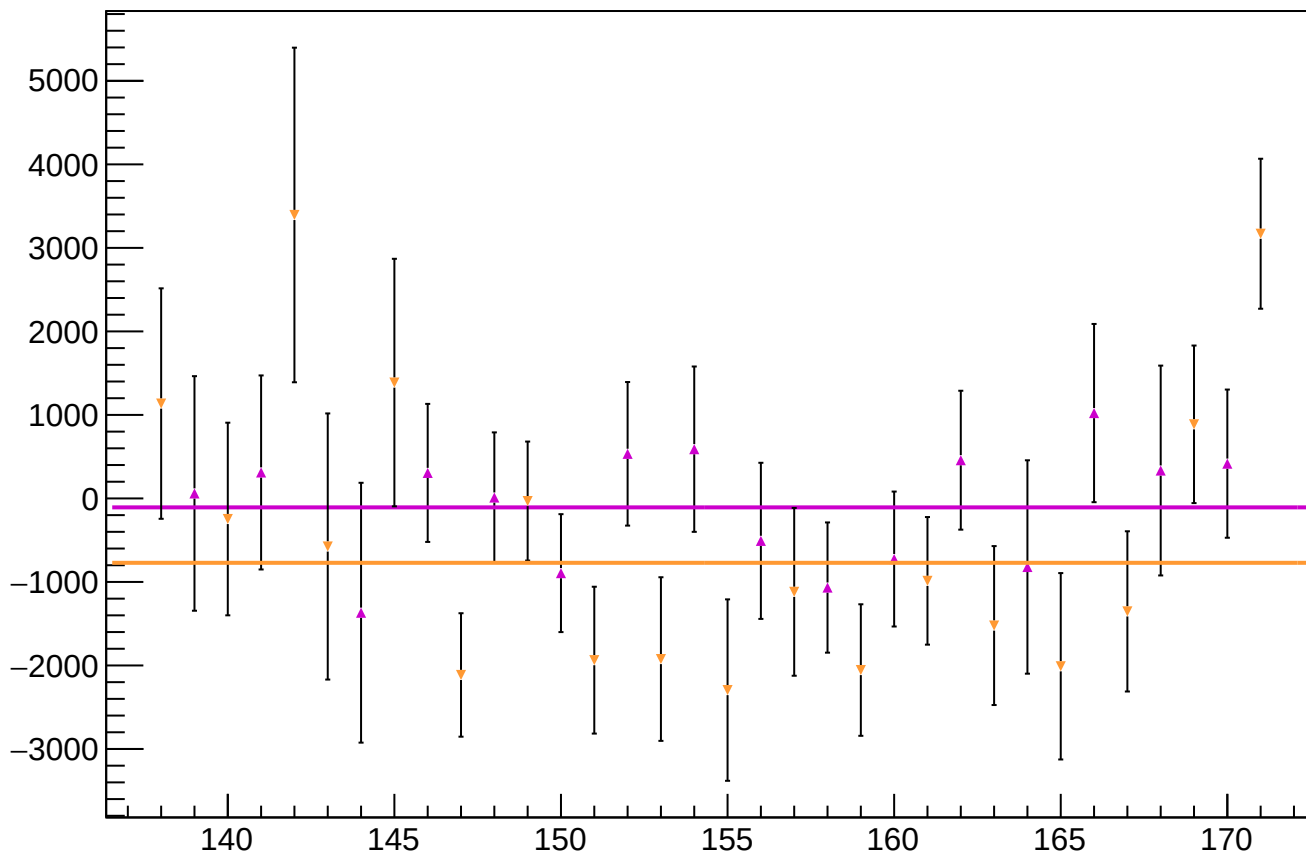
Left In: 2771.878+/-0.553 χ^2/NDF : 4817.5/15

+ sign 2803.283+/-0.444 χ^2/NDF : 684580.3/34

All: 2799.509+/-0.316 χ^2/NDF : 1007488.3/69

- sign 2795.663+/-0.449 χ^2/NDF : 322762.5/34

asym_atr1_correction_mean vs Slug



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

Left Out: -770.927+/-229.216 χ^2/NDF : 45.5/17

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

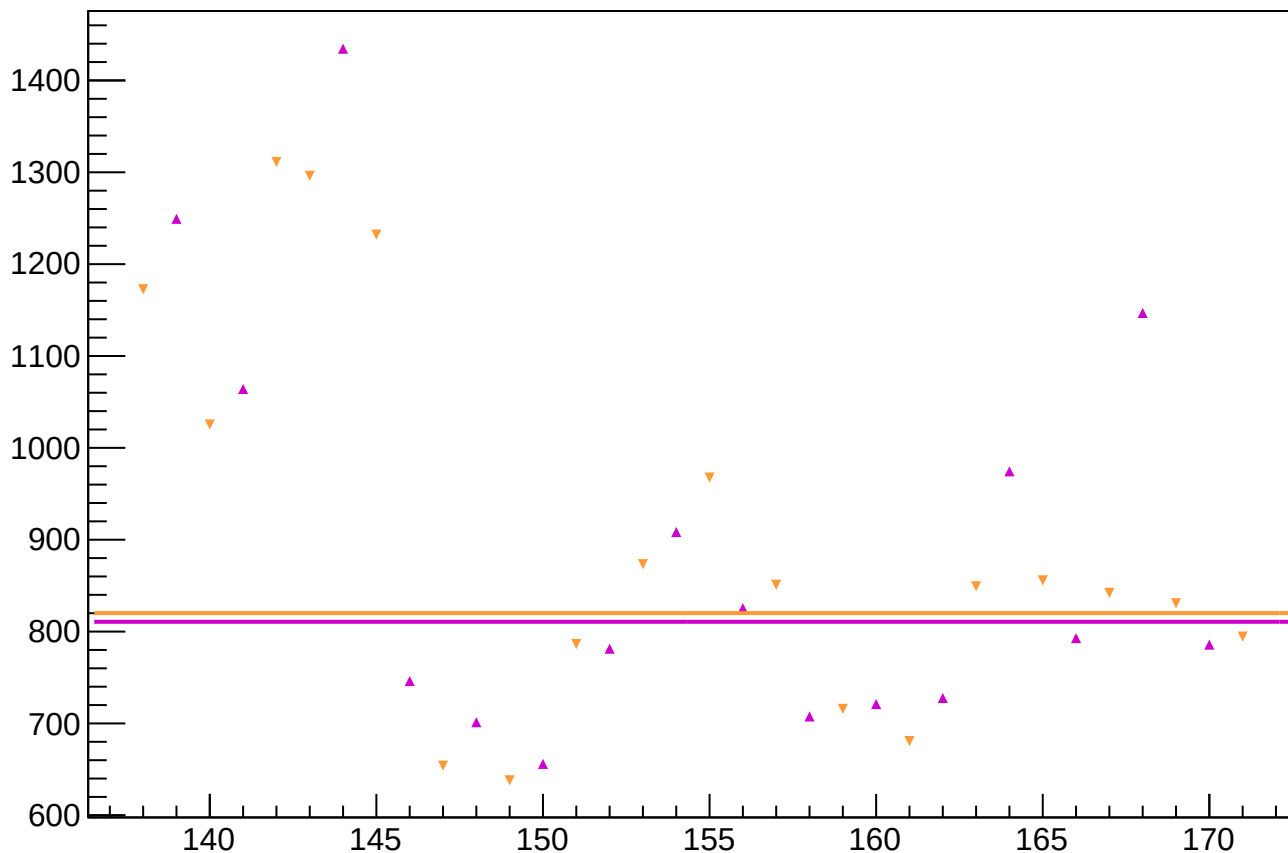
Left In: -107.079+/-233.685 χ^2/NDF : 8.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.412+/-163.637 χ^2/NDF : 57.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_correction_rms vs Slug



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

Left Out: 820.131+/-0.162 χ^2/NDF :1034922.4/17

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

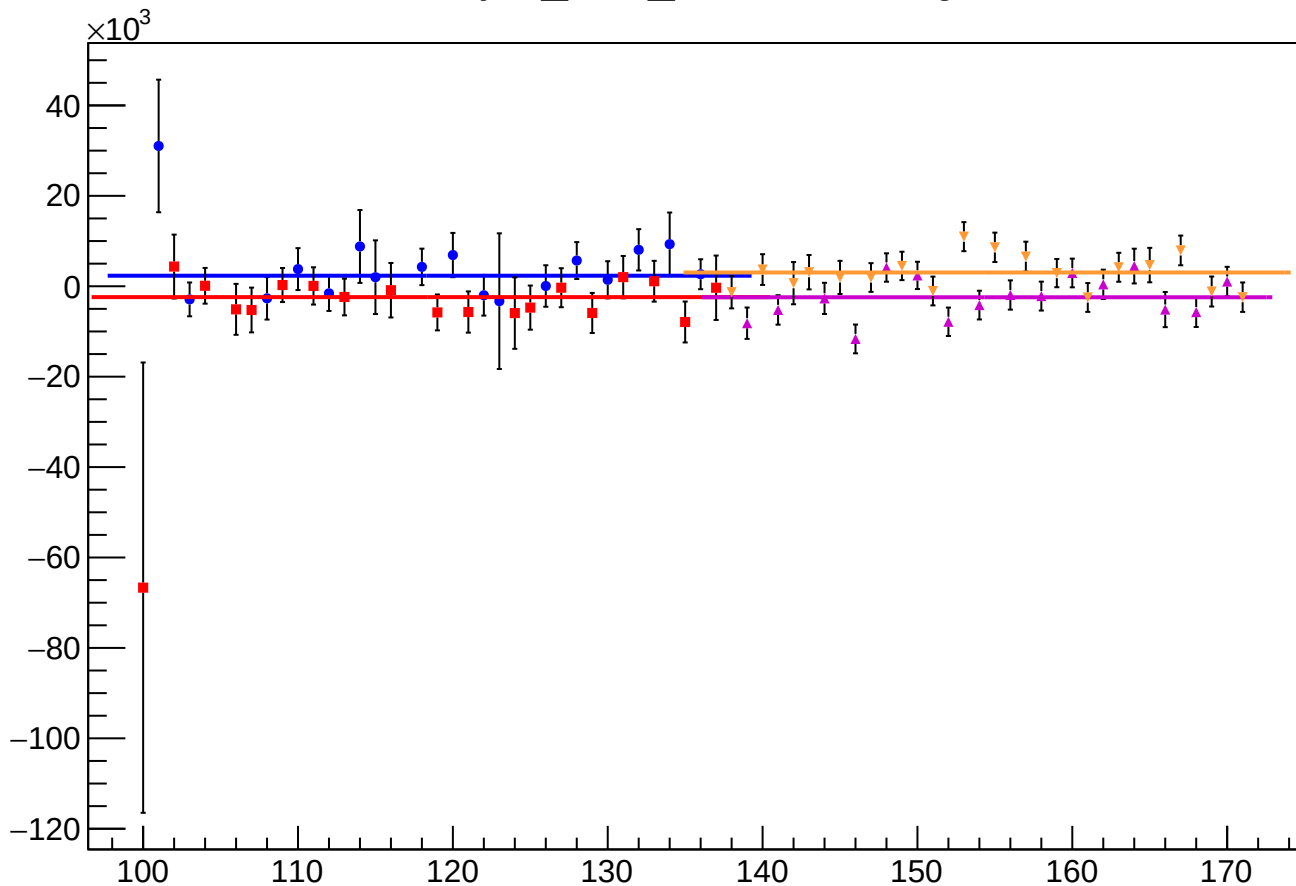
Left In: 810.675+/-0.165 χ^2/NDF :1039551.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.494+/-0.116 χ^2/NDF : 2076142.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3046.770+/-795.180 χ^2/NDF :24.0/17

Right Out: -2403.750+/-1110.093 χ^2/NDF : 10.1/18

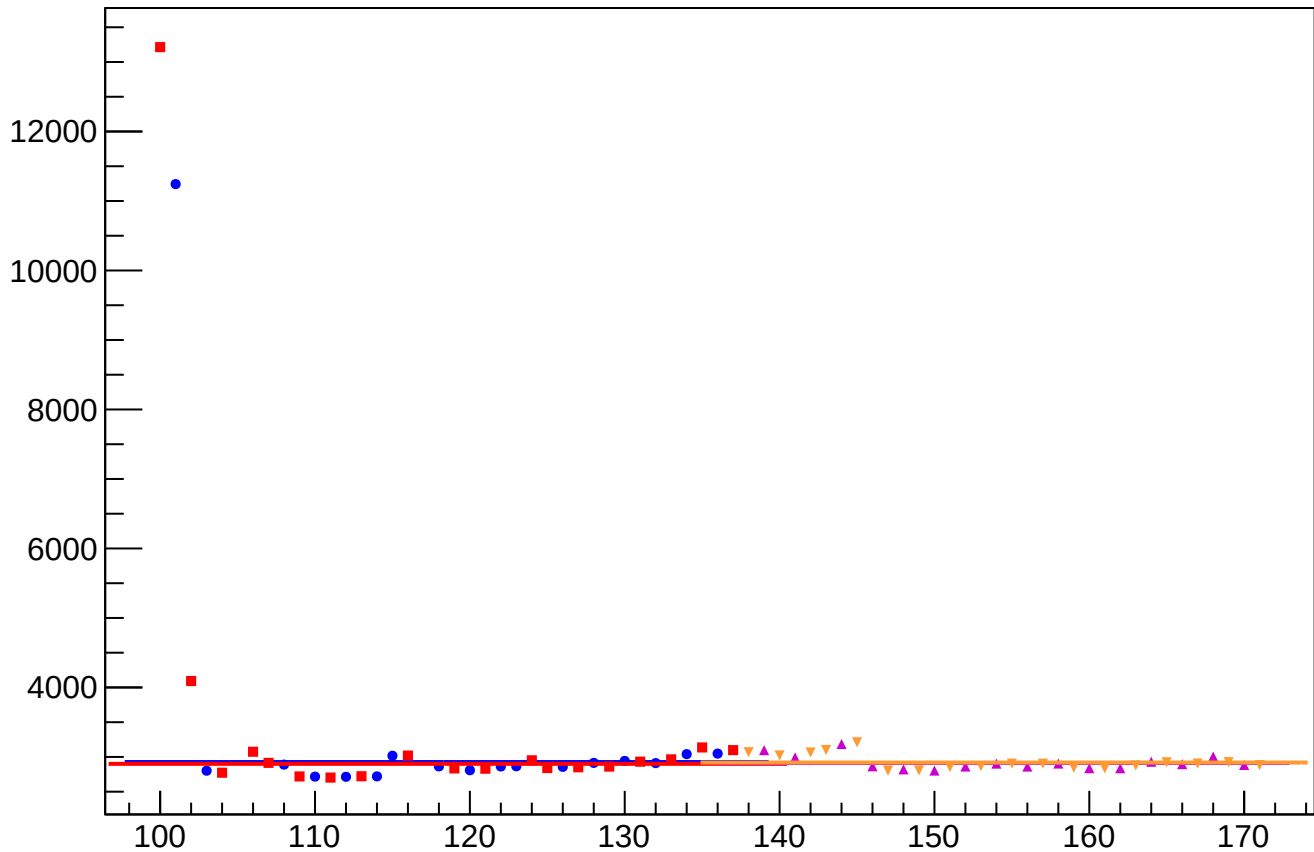
Left In: -2435.412+/-822.046 χ^2/NDF :31.6/15

+ sign 2816.743+/-655.249 χ^2/NDF : 38.6/34

All: 217.709+/-465.222 χ^2/NDF : 112.0/69

- sign -2424.198+/-660.631 χ^2/NDF : 41.7/34

asym_atr1_rms vs Slug



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

Left Out: 2919.561+/-0.562 χ^2/NDF : 34225.2/17

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

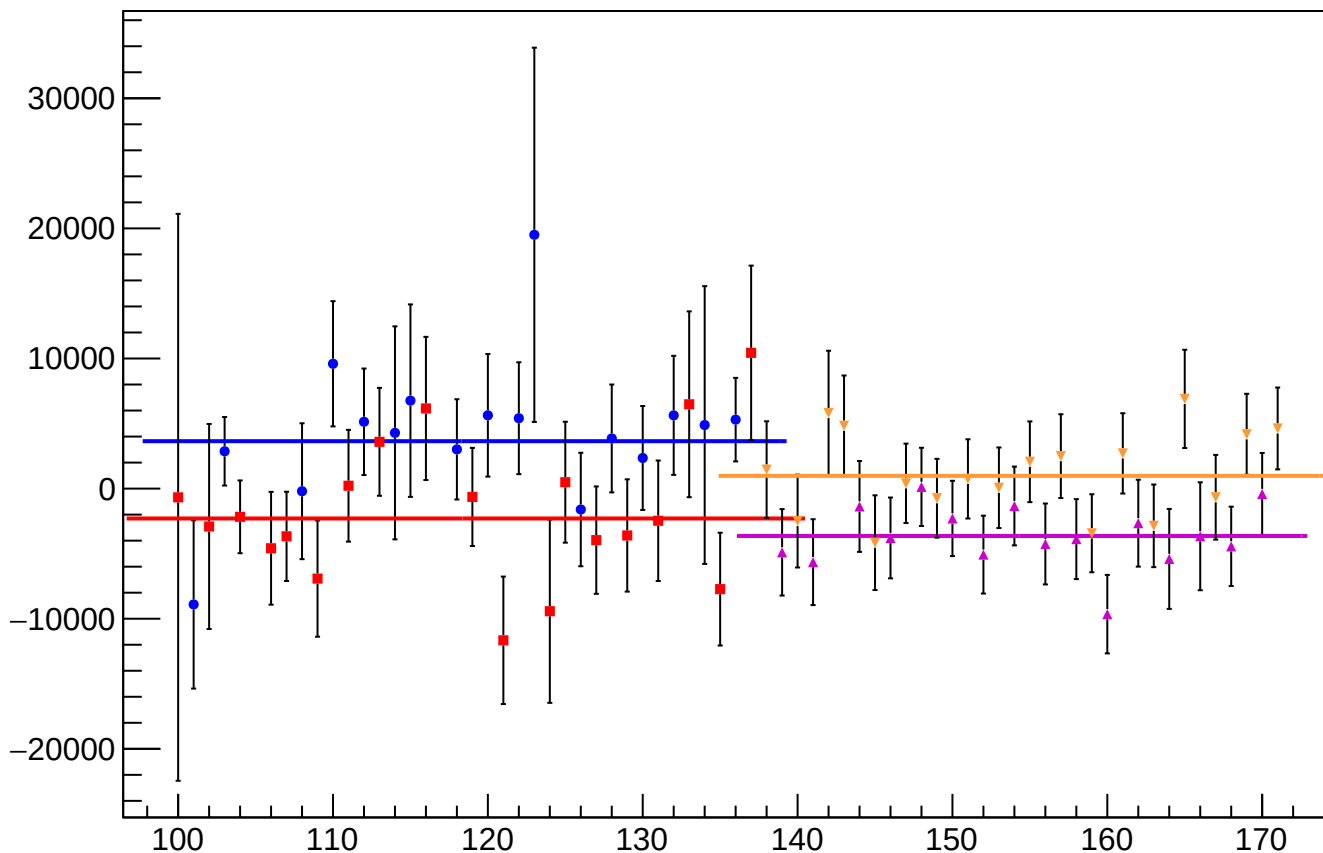
Left In: 2912.728+/-0.581 χ^2/NDF : 29225.9/15

+ sign 2921.824+/-0.463 χ^2/NDF : 697070.0/34

All: 2915.223+/-0.329 χ^2/NDF : 896720.2/69

- sign 2908.513+/-0.467 χ^2/NDF : 199241.0/34

dit_asym_atr2_mean vs Slug



Right In: 3645.268 ± 1091.486 χ^2/NDF : 9.9/16

Left Out: 980.239 ± 778.355 χ^2/NDF : 14.8/17

Right Out: -2295.846 ± 1046.865 χ^2/NDF : 18.4/18

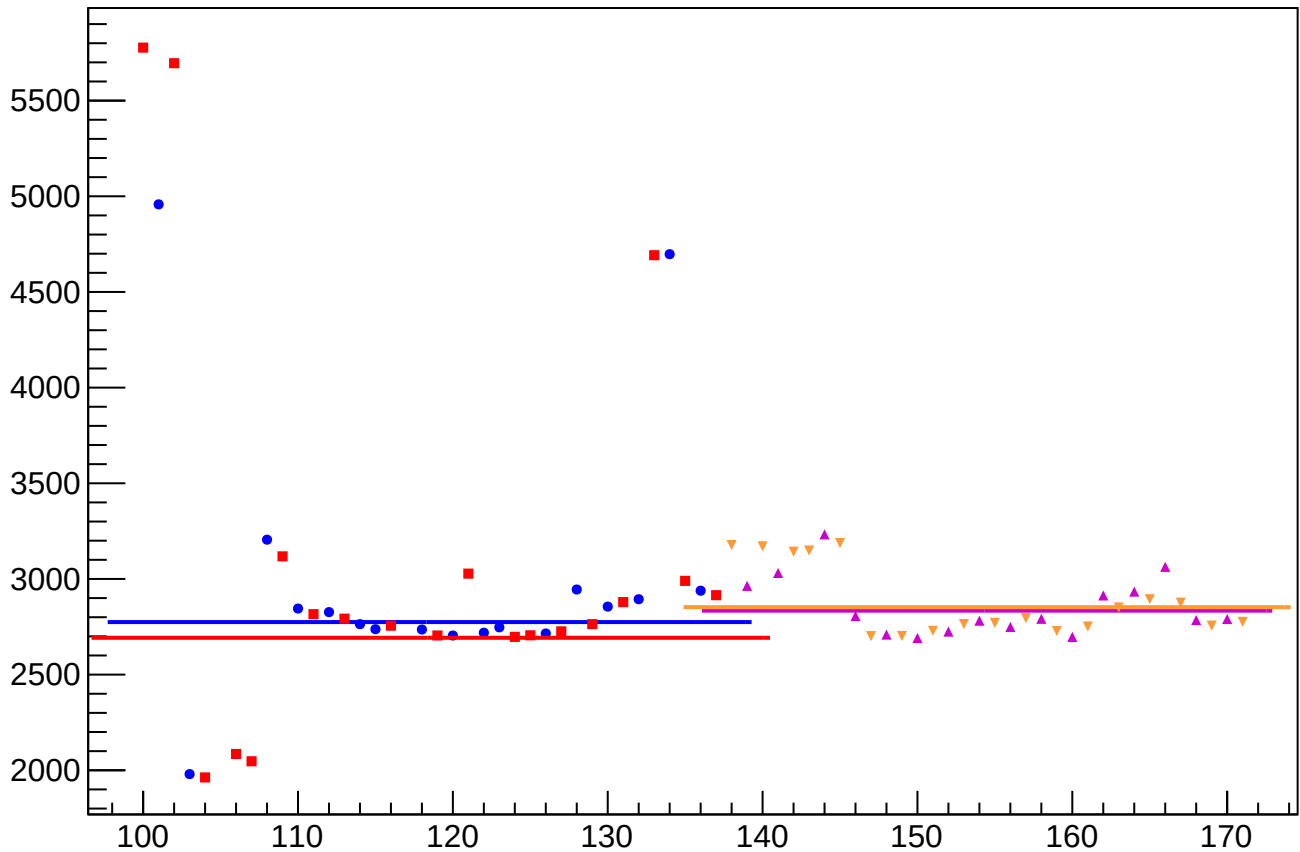
Left In: -3640.672 ± 800.165 χ^2/NDF : 9.0/15

+ sign 1878.632 ± 633.725 χ^2/NDF : 28.6/34

All: -625.123 ± 448.818 χ^2/NDF : 88.4/69

- sign -3144.734 ± 635.728 χ^2/NDF : 28.4/34

dit_asym_atr2_rms vs Slug



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 2852.420+/-0.550 χ^2/NDF : 93146.6/17

Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

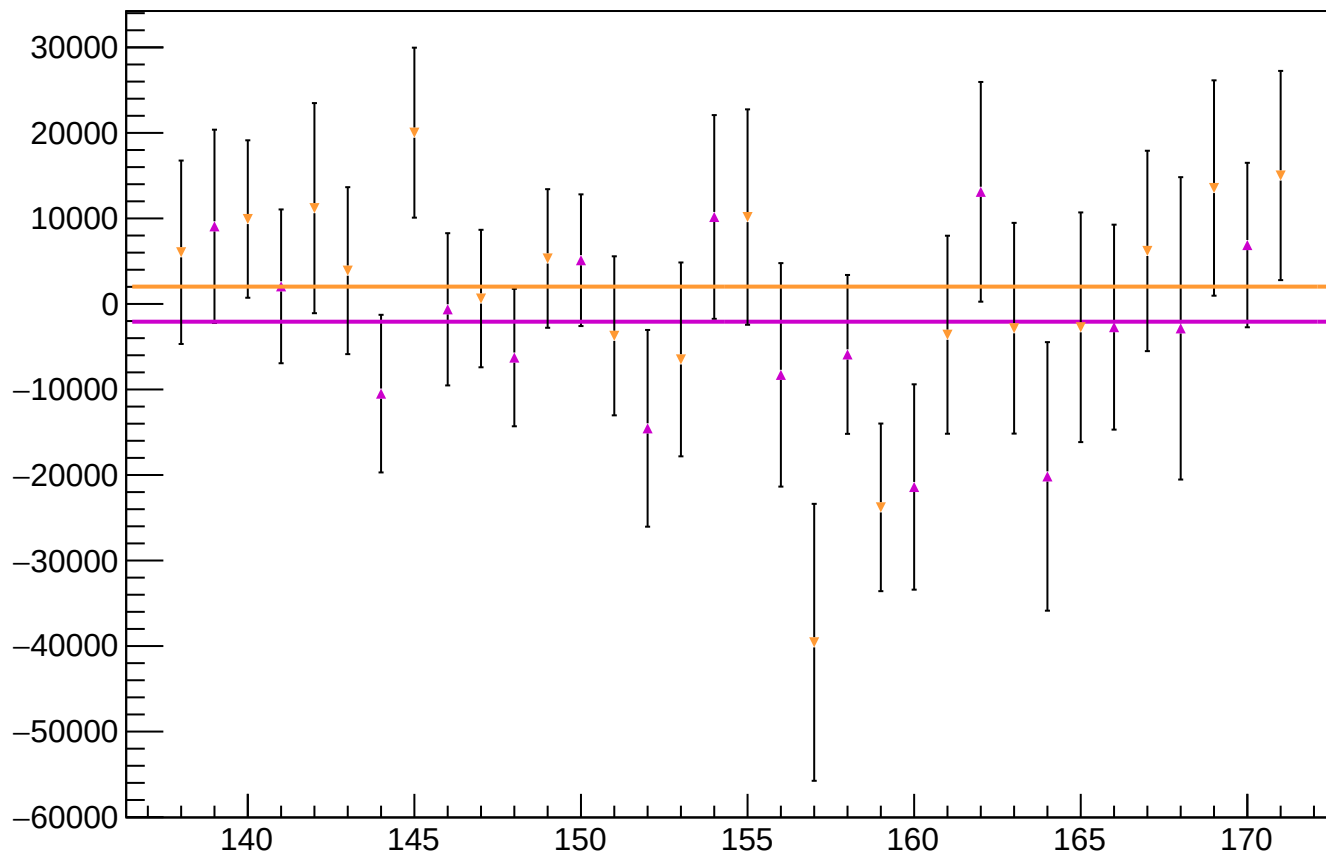
Left In: 2834.264+/-0.566 χ^2/NDF : 63539.0/15

+ sign 2826.192+/-0.448 χ^2/NDF : 601563.2/34

All: 2804.147+/-0.317 χ^2/NDF : 1473382.0/69

- sign 2781.967+/-0.449 χ^2/NDF : 866963.5/34

asym_atr2_correction_mean vs Slug



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

Left Out: 2026.460+/-2514.114 χ^2/NDF :22.5/17

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

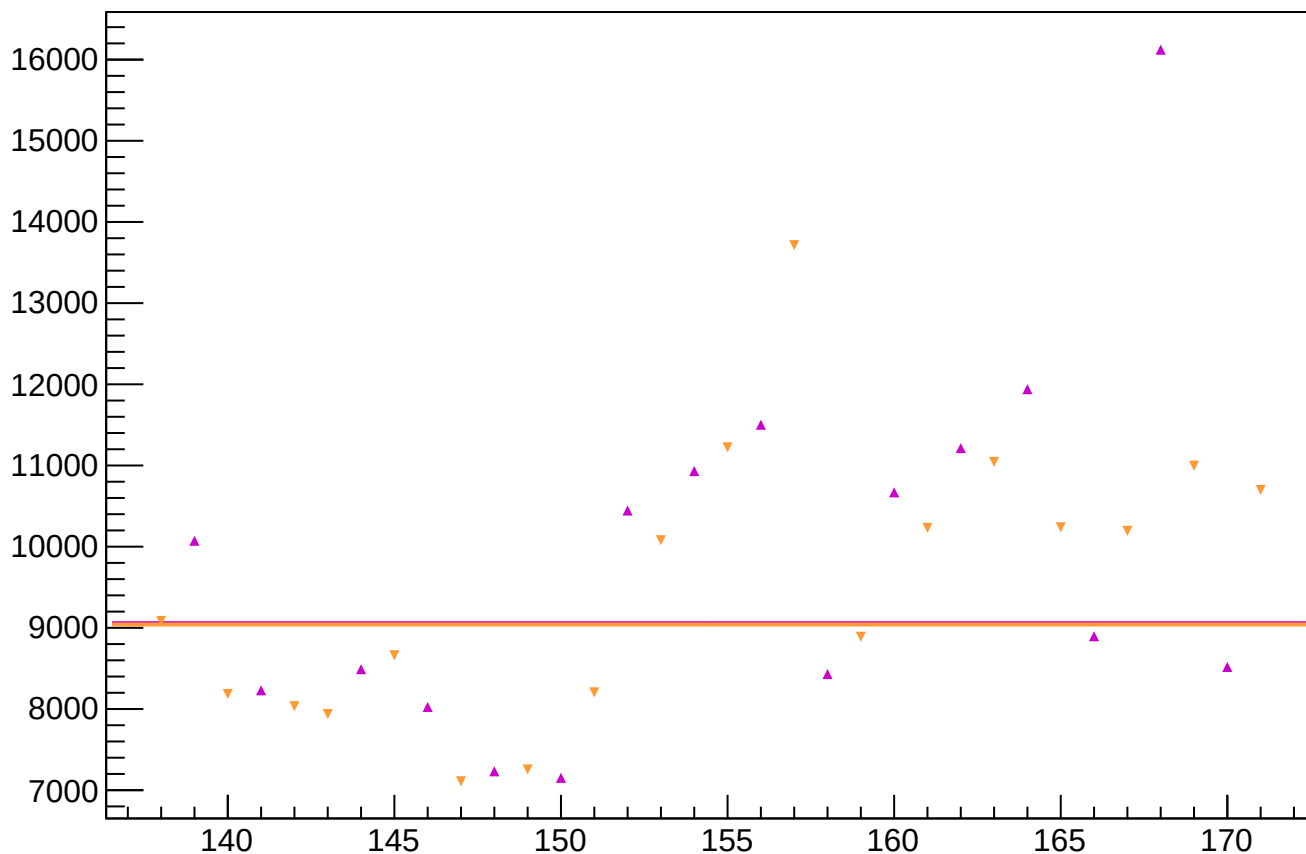
Left In: -2075.477+/-2607.844 χ^2/NDF :12.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.531+/-1809.976 χ^2/NDF : 35.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_correction_rms vs Slug



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

Left Out: 9041.304+/-1.778 χ^2/NDF : 726310.6/17

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

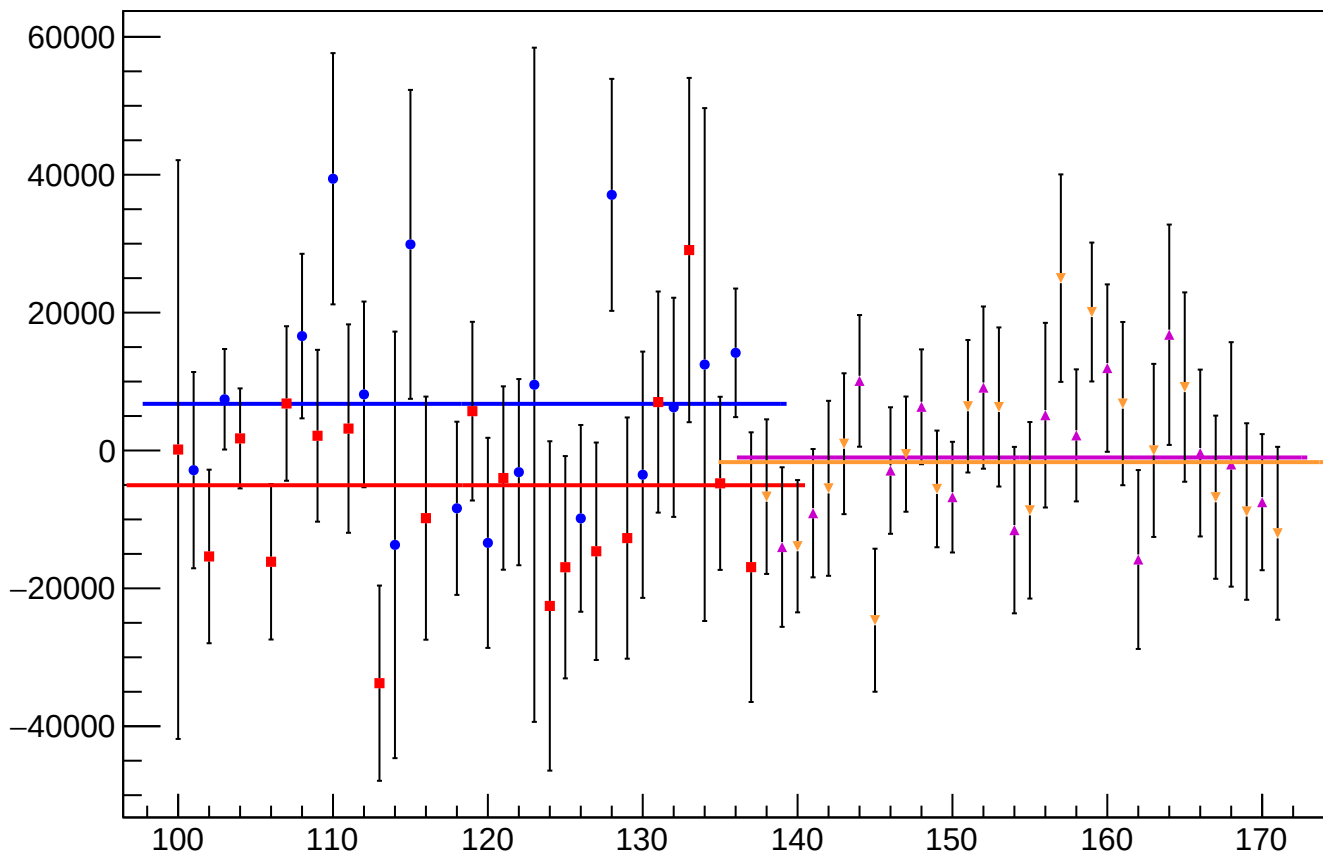
Left In: 9057.378+/-1.844 χ^2/NDF : 936774.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9049.047+/-1.280 χ^2/NDF : 1663124.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

Left Out: -1688.839 $\pm$ 2588.347 χ^2 /NDF:18.7/17

Right Out: -5041.440 $\pm$ 3167.616 χ^2 /NDF: 13.6/18

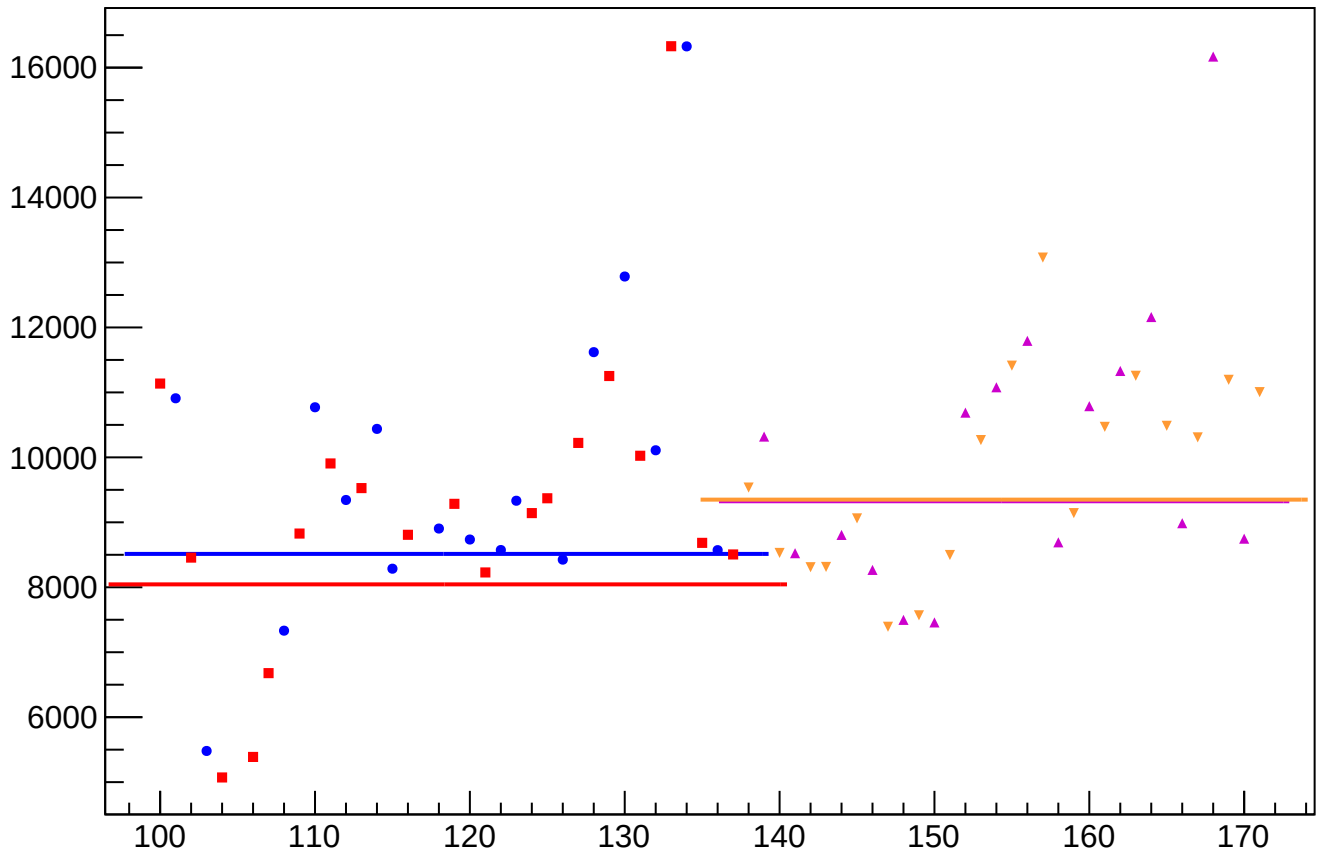
Left In: -1011.120 $\pm$ 2679.885 χ^2 /NDF:10.6/15

+ sign 1428.711 $\pm$ 2056.606 χ^2 /NDF: 38.0/34

All: -642.602 $\pm$ 1450.446 χ^2 /NDF: 65.2/69

- sign -2692.440 $\pm$ 2045.917 χ^2 /NDF: 25.2/34

asym_atr2_rms vs Slug



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

Left Out: 9349.209+/-1.830 χ^2/NDF : 619993.7/17

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

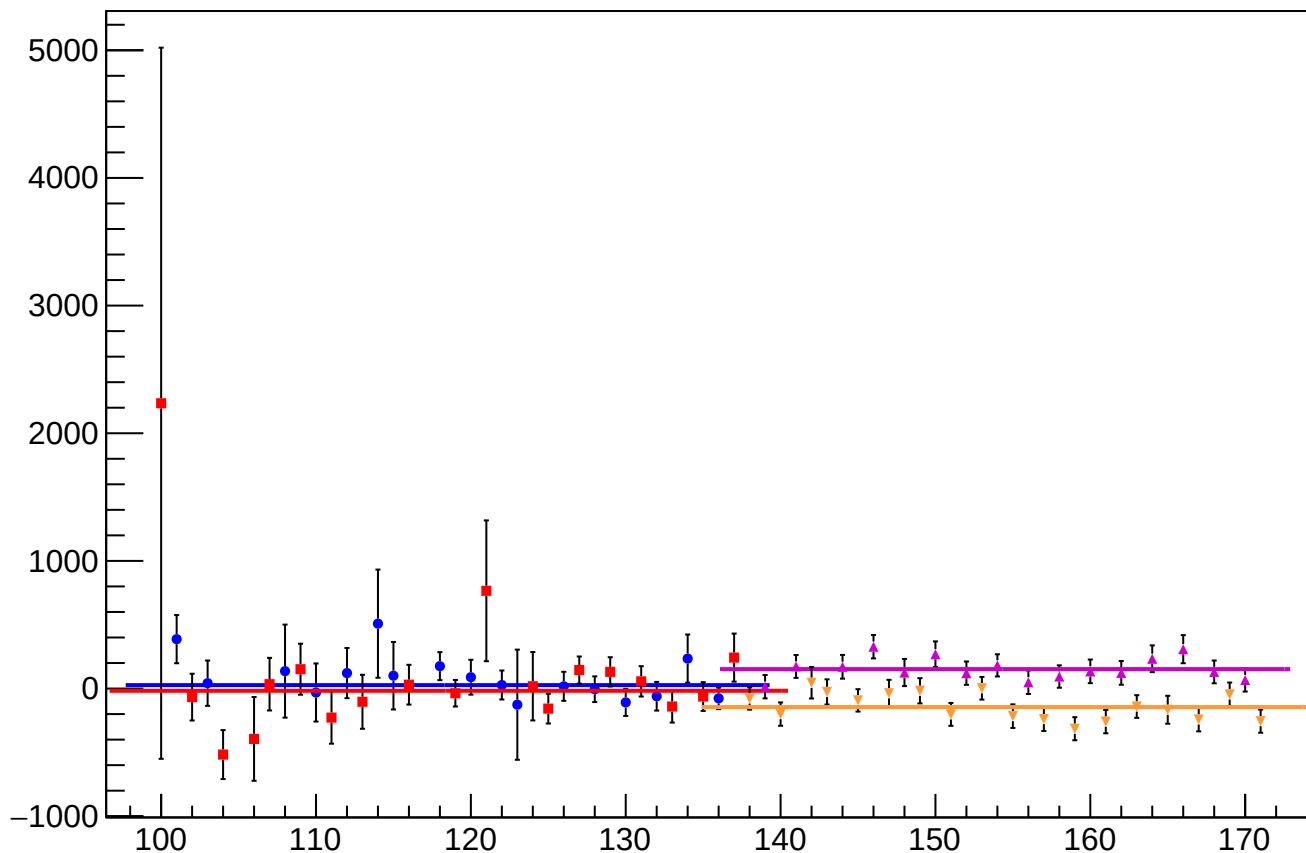
Left In: 9324.202+/-1.895 χ^2/NDF : 858320.6/15

+ sign 9041.170+/-1.454 χ^2/NDF : 1459443.3/34

All: 8915.144+/-1.026 χ^2/NDF : 3475204.1/69

- sign 8790.429+/-1.447 χ^2/NDF : 2000818.7/34

dit_asym_sam1_mean vs Slug



Right In: 26.932 ± 34.029 χ^2/NDF : 12.6/16

Left Out: -145.012 ± 22.197 χ^2/NDF : 21.5/17

Right Out: -17.368 ± 35.548 χ^2/NDF : 21.9/18

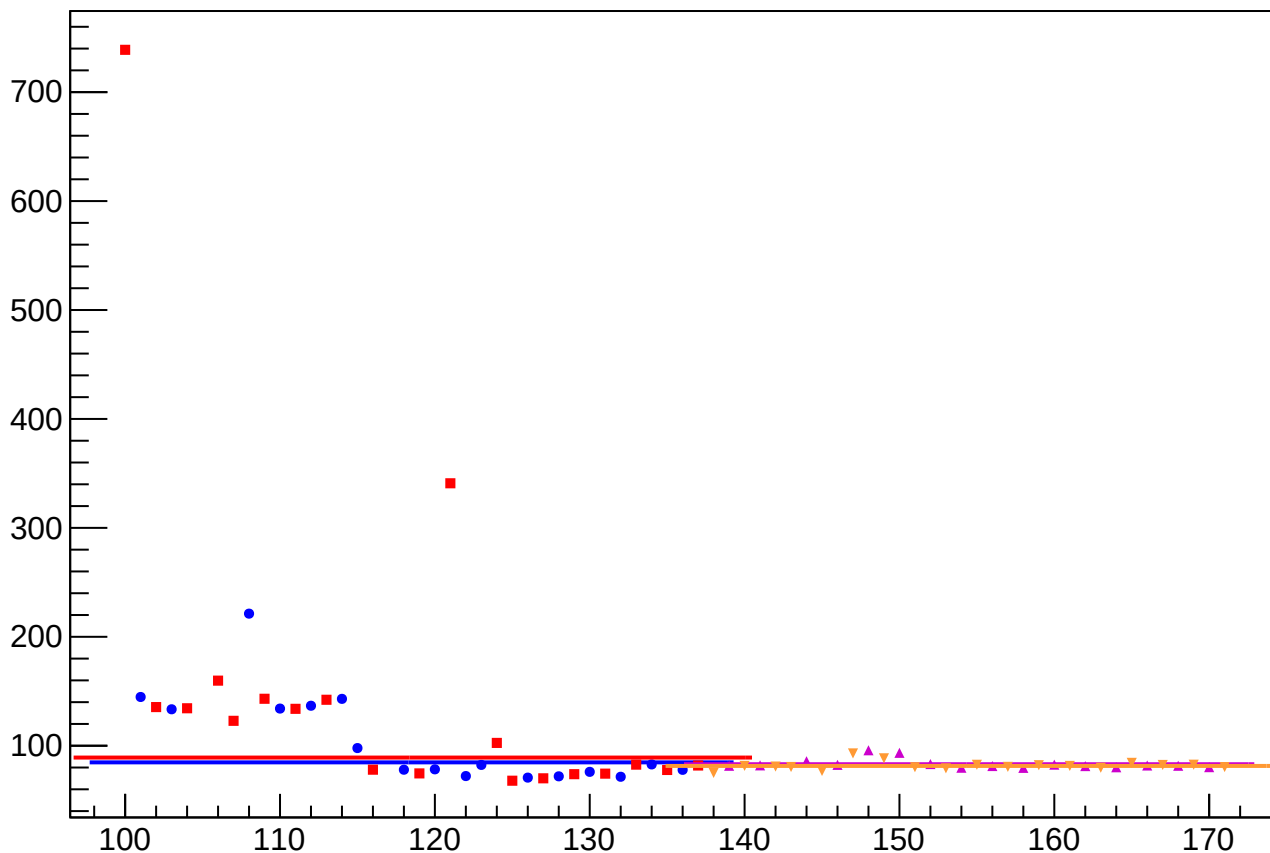
Left In: 152.543 ± 23.441 χ^2/NDF : 13.1/15

+ sign -93.689 ± 18.591 χ^2/NDF : 52.0/34

All: -1.306 ± 13.478 χ^2/NDF : 154.9/69

- sign 101.051 ± 19.569 χ^2/NDF : 50.8/34

dit_asym_sam1_rms vs Slug



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

Left Out: 81.459 $\pm$ 0.016 χ^2 /NDF: 55344.5/17

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

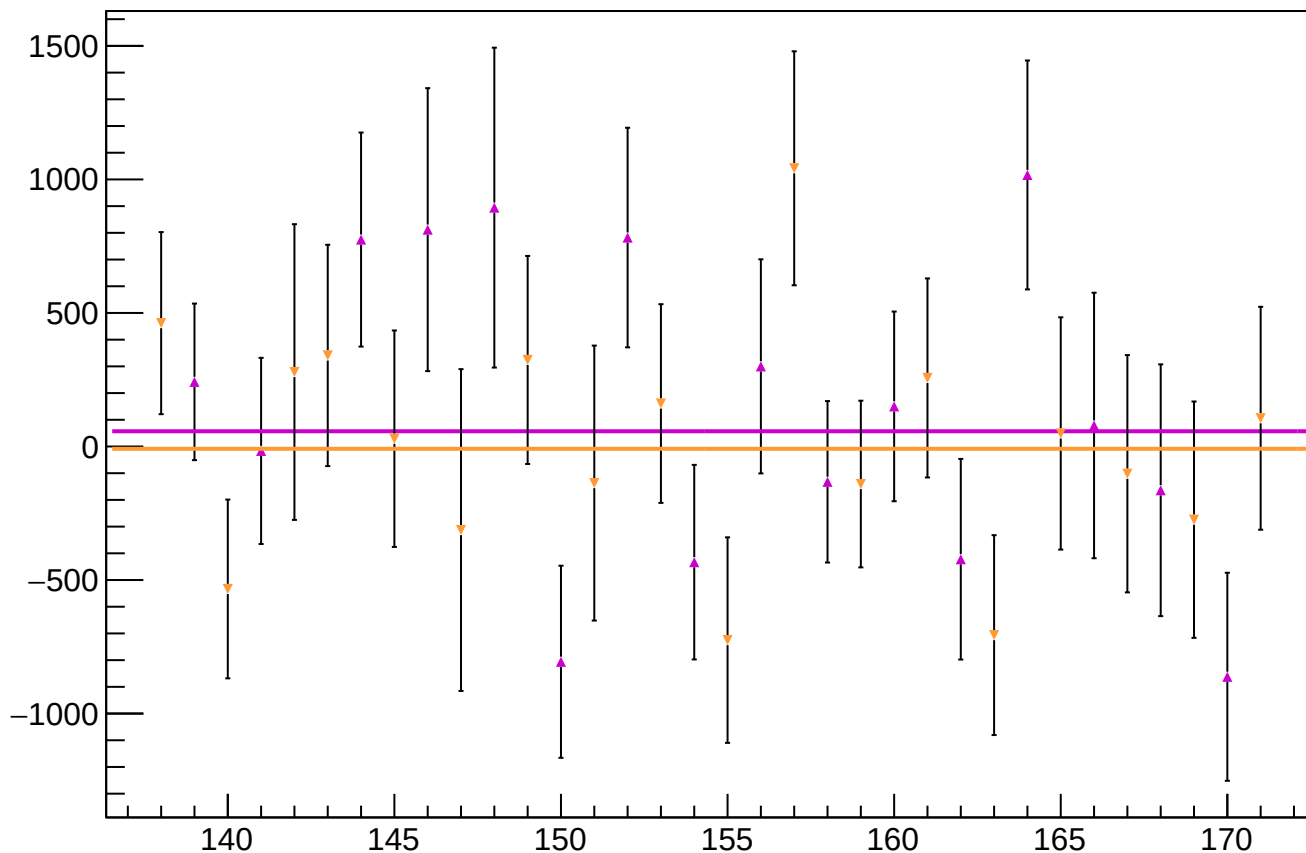
Left In: 83.019 $\pm$ 0.017 χ^2 /NDF: 64098.2/15

+ sign 82.438 $\pm$ 0.013 χ^2 /NDF: 1132781.6/34

All: 83.594 $\pm$ 0.010 χ^2 /NDF: 2813824.1/69

- sign 84.875 $\pm$ 0.014 χ^2 /NDF: 1664733.7/34

asym_sam1_correction_mean vs Slug



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

Left Out: -8.596 $\pm$ 94.990 χ^2 /NDF:20.5/17

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

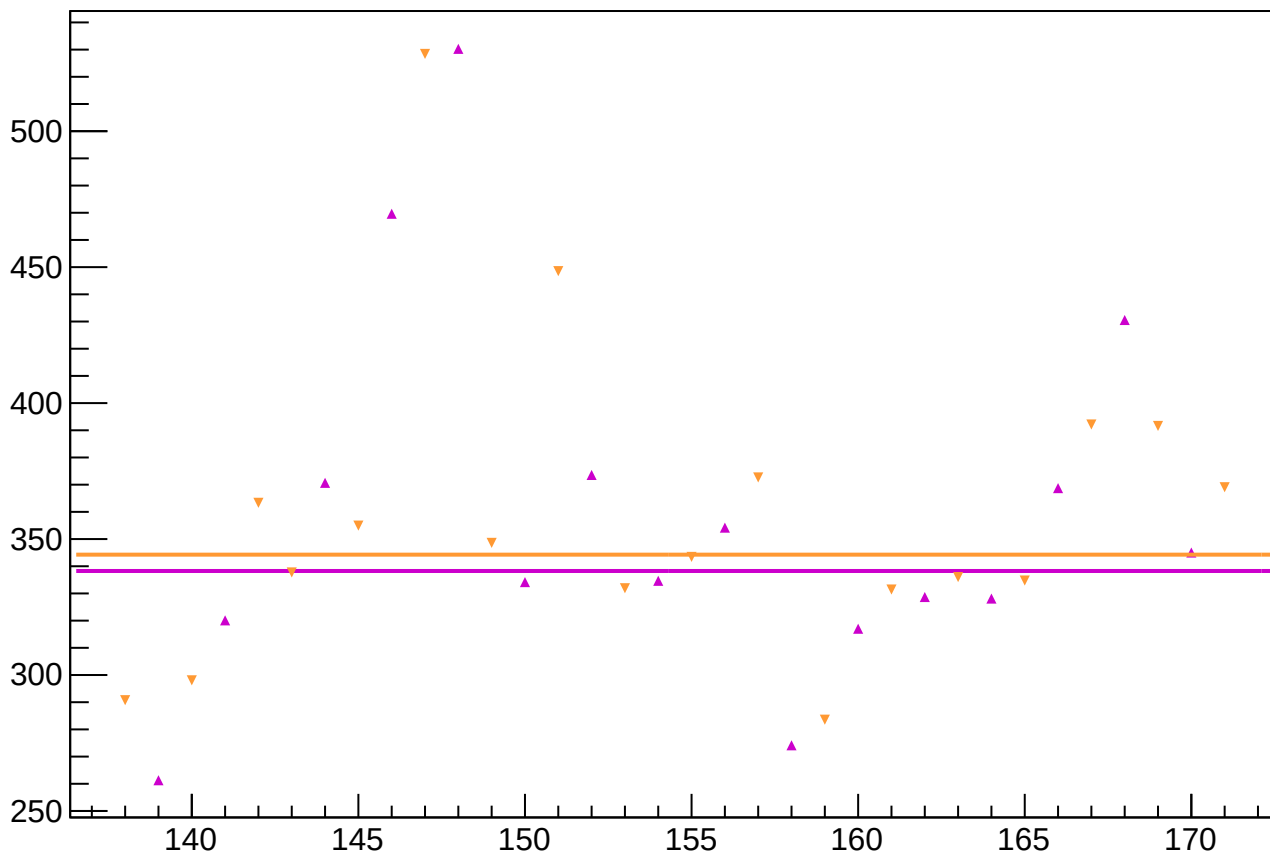
Left In: 57.064 $\pm$ 96.947 χ^2 /NDF:31.6/15

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

All: 23.565 $\pm$ 67.849 χ^2 /NDF: 52.3/33

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

asym_sam1_correction_rms vs Slug



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

Left Out: 344.266+/-0.067 χ^2/NDF : 504514.4/17

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

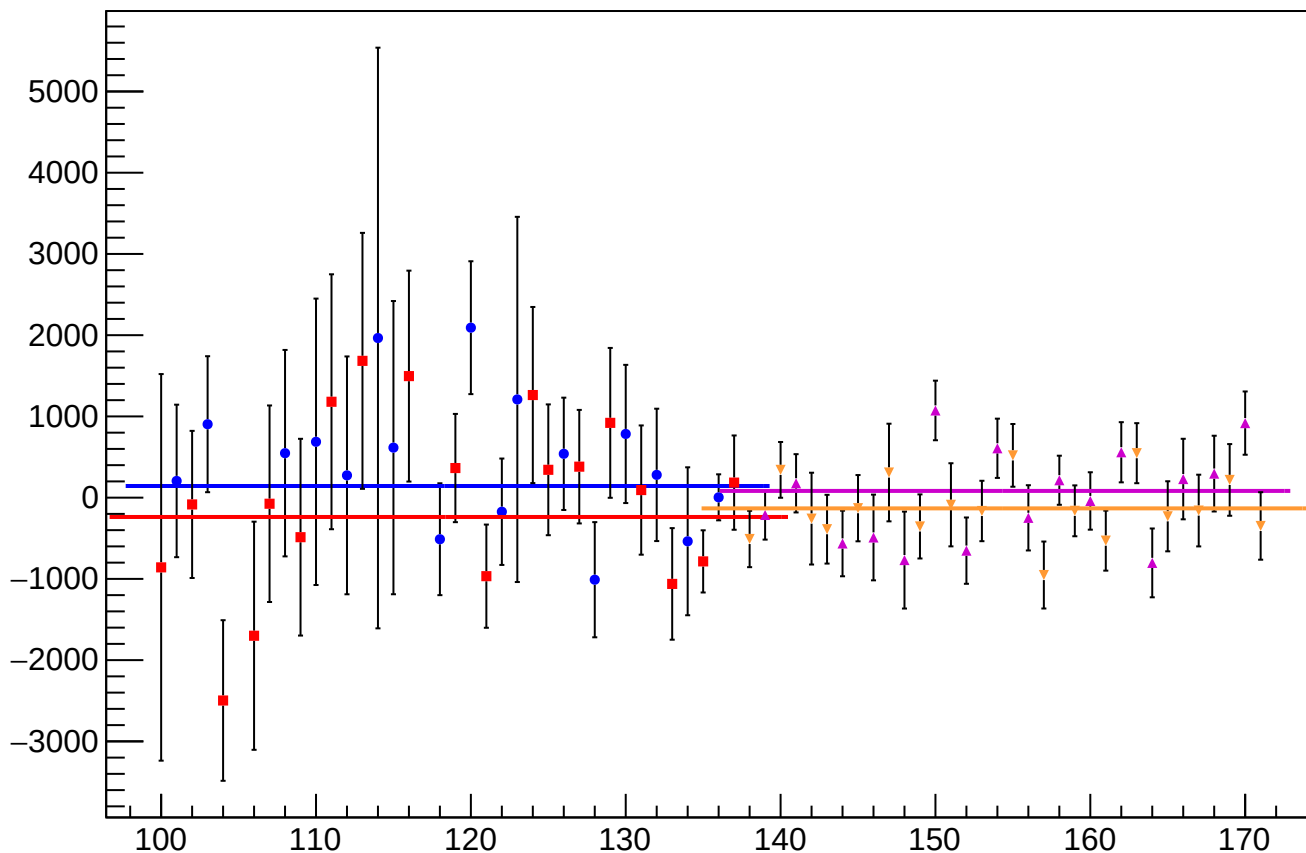
Left In: 338.258+/-0.069 χ^2/NDF : 687659.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.323+/-0.048 χ^2/NDF : 1196092.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 143.486+/-179.237 χ^2/NDF : 12.8/16

Left Out: -132.024+/-95.059 χ^2/NDF :16.7/17

Right Out: -237.821+/-183.995 χ^2/NDF : 21.7/18

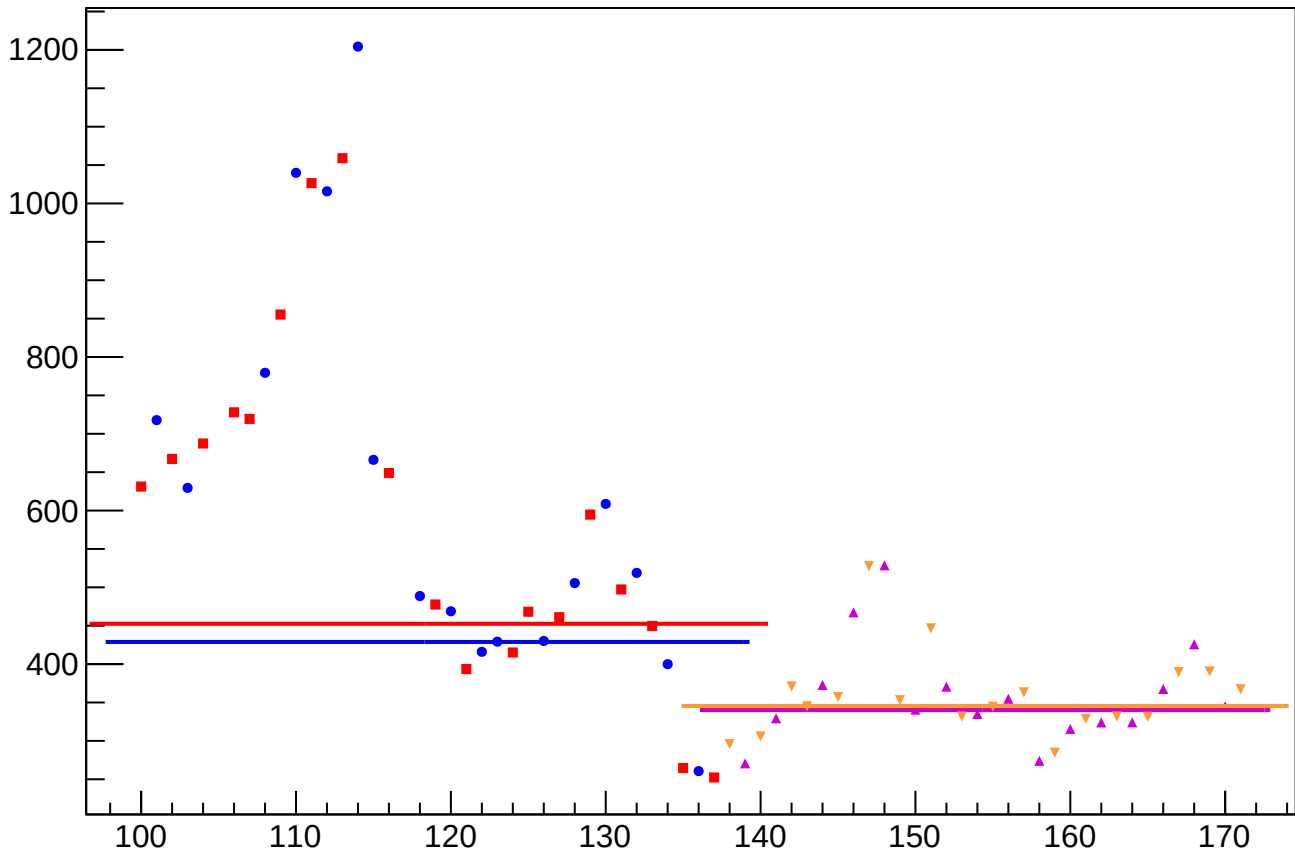
Left In: 82.891+/-97.401 χ^2/NDF :31.3/15

+ sign -71.542+/-83.979 χ^2/NDF : 31.3/34

All: -30.468+/-60.113 χ^2/NDF : 87.2/69

- sign 12.690+/-86.084 χ^2/NDF : 55.4/34

asym_sam1_rms vs Slug



Right In: 428.856 ± 0.127 $\chi^2/\text{NDF}: 2012329.6/16$

Left Out: 345.465 ± 0.067 $\chi^2/\text{NDF}: 473241.3/17$

Right Out: 452.517 ± 0.130 $\chi^2/\text{NDF}: 2039238.5/18$

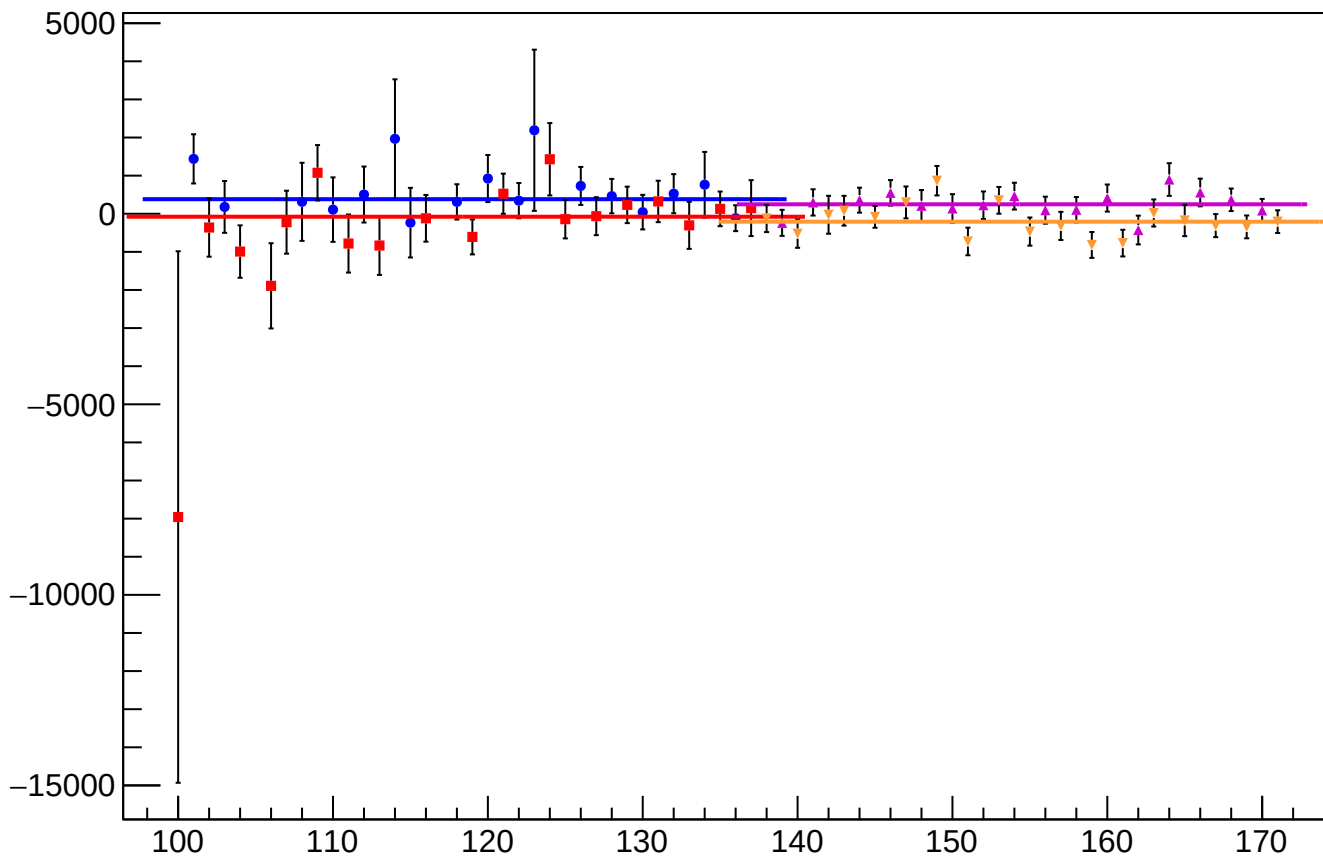
Left In: 340.175 ± 0.069 $\chi^2/\text{NDF}: 635886.7/15$

+ sign 363.772 ± 0.059 $\chi^2/\text{NDF}: 2823453.7/34$

All: 364.256 ± 0.043 $\chi^2/\text{NDF}: 6081111.1/69$

- sign 364.766 ± 0.061 $\chi^2/\text{NDF}: 3257520.8/34$

dit_asym_sam2_mean vs Slug



Right In: 381.893 $\pm$ 141.192 χ^2 /NDF: 9.4/16

Left Out: -208.278 $\pm$ 83.114 χ^2 /NDF:22.6/17

Right Out: -77.490 $\pm$ 143.469 χ^2 /NDF: 16.8/18

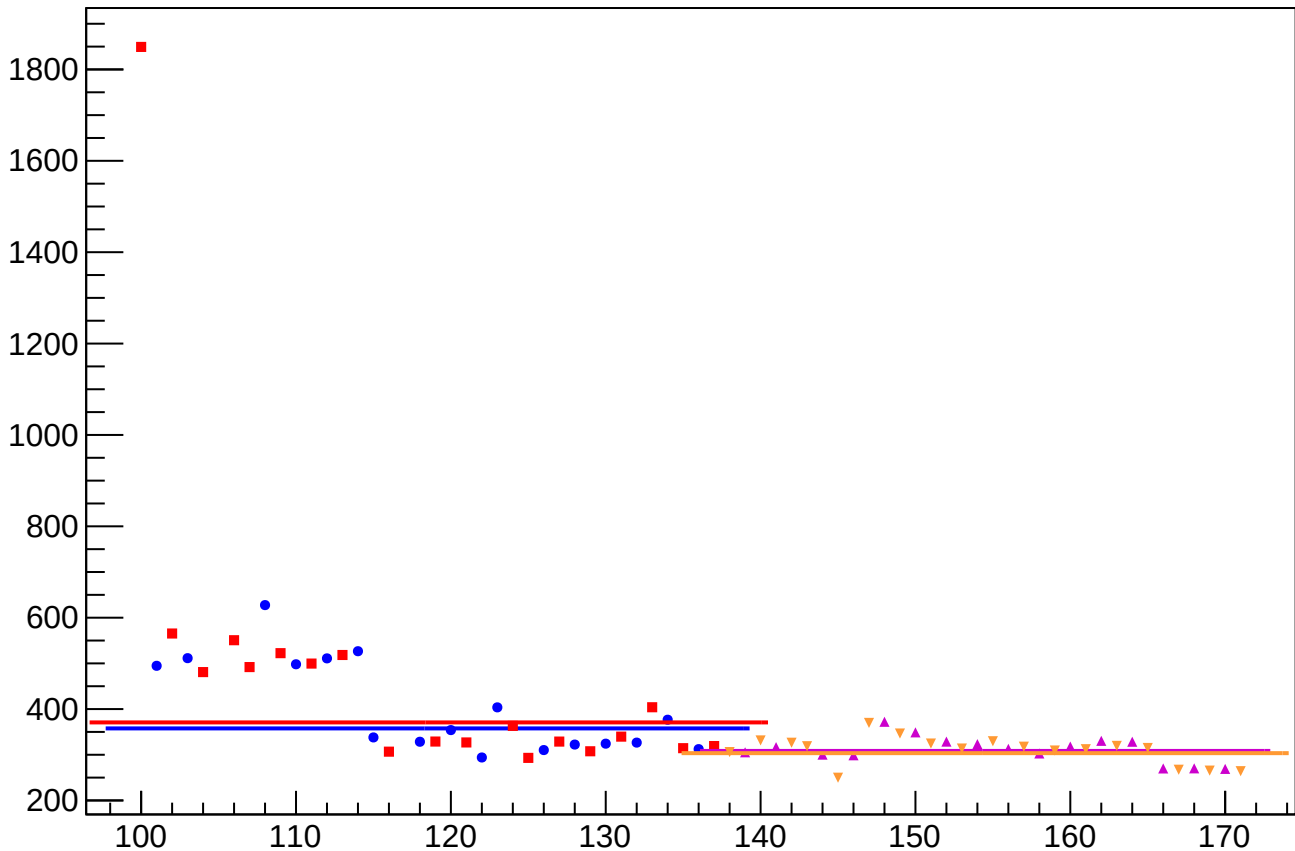
Left In: 248.062 $\pm$ 87.344 χ^2 /NDF:10.7/15

+ sign -56.400 $\pm$ 71.626 χ^2 /NDF: 45.0/34

All: 47.406 $\pm$ 51.668 χ^2 /NDF: 80.5/69

- sign 160.028 $\pm$ 74.606 χ^2 /NDF: 31.2/34

dit_asym_sam2_rms vs Slug



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 303.518 $\pm$ 0.059 χ^2 /NDF: 289506.1/17

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

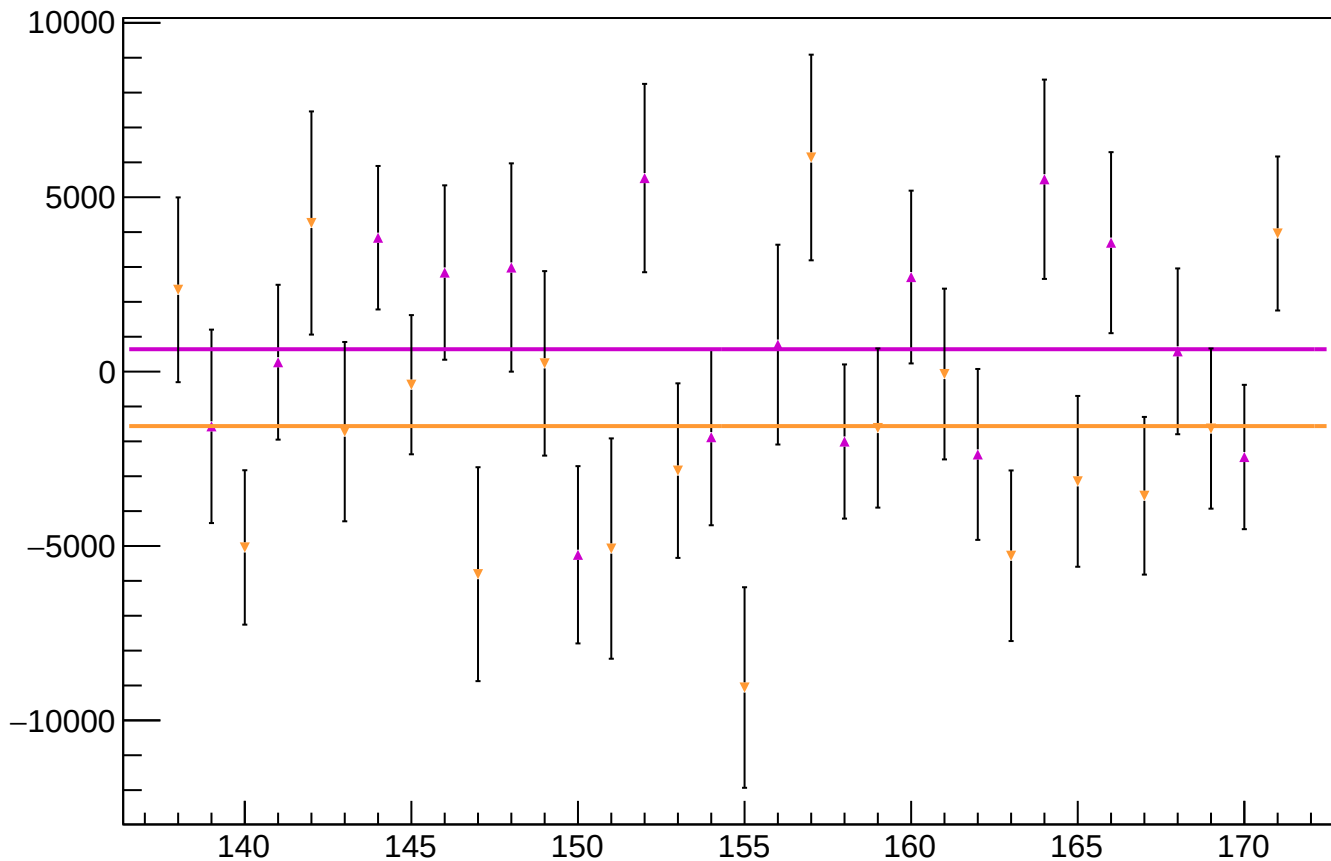
Left In: 308.360 $\pm$ 0.062 χ^2 /NDF: 187856.3/15

+ sign 317.452 $\pm$ 0.051 χ^2 /NDF: 1137620.3/34

All: 321.189 $\pm$ 0.037 χ^2 /NDF: 2397944.2/69

- sign 325.243 $\pm$ 0.053 χ^2 /NDF: 1248974.2/34

asym_sam2_correction_mean vs Slug



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

Left Out: -1562.157 $\pm$ 589.784 χ^2 /NDF:36.0/17

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

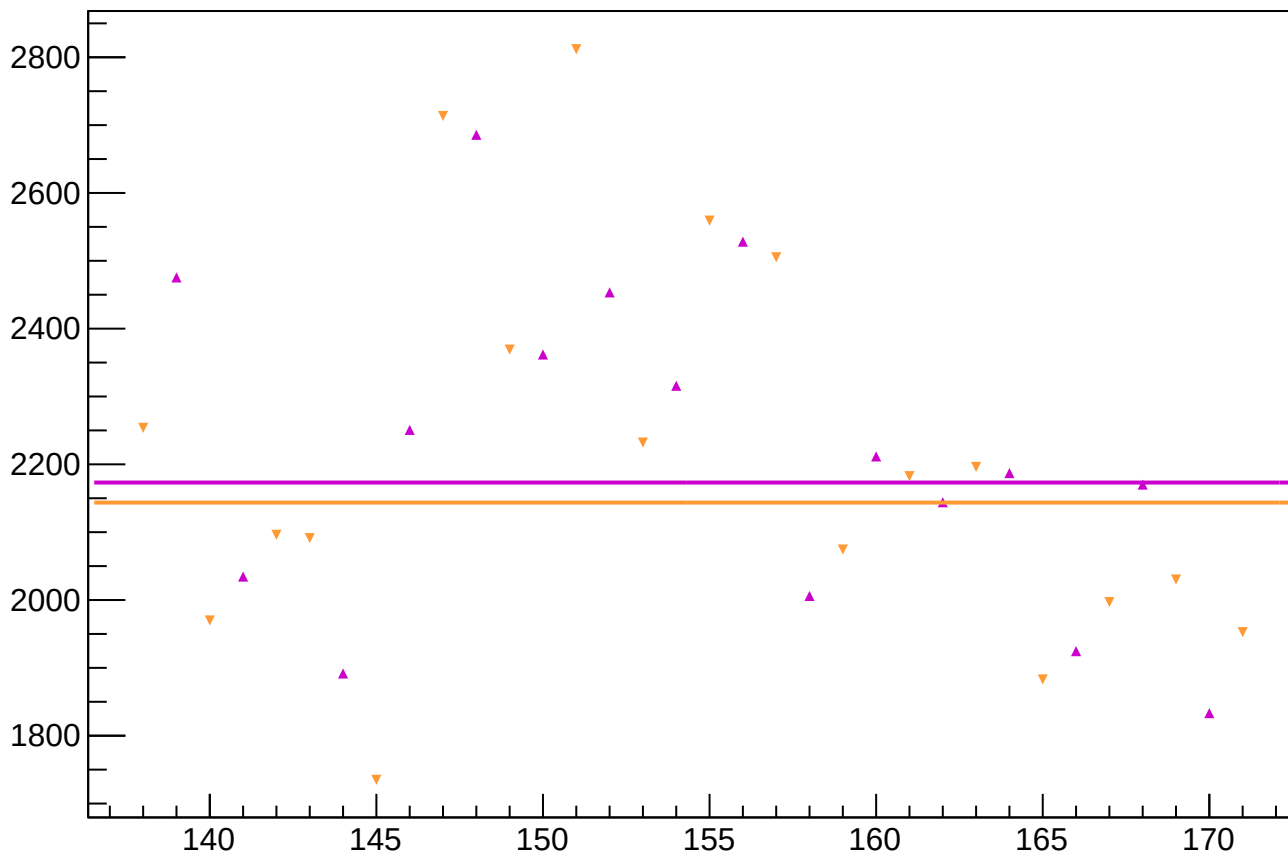
Left In: 641.888 $\pm$ 616.921 χ^2 /NDF:24.3/15

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

All: -509.676 $\pm$ 426.311 χ^2 /NDF: 66.9/33

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

asym_sam2_correction_rms vs Slug



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

Left Out: 2143.621+/-0.417 χ^2/NDF : 402552.0/17

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

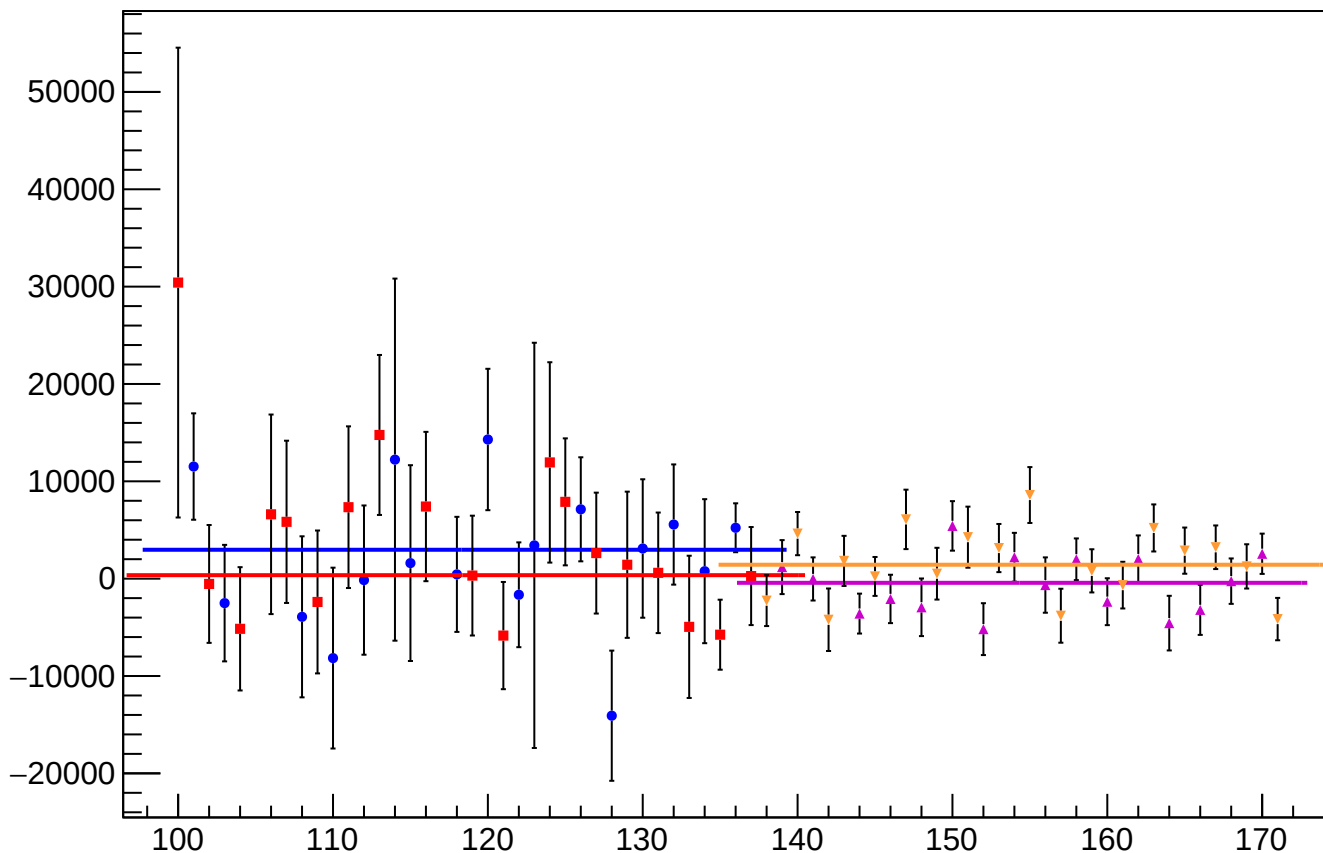
Left In: 2173.155+/-0.436 χ^2/NDF : 284068.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2157.724+/-0.301 χ^2/NDF : 689015.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

Left Out: 1431.218 $\pm$ 582.921 χ^2 /NDF:32.0/17

Right Out: 358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

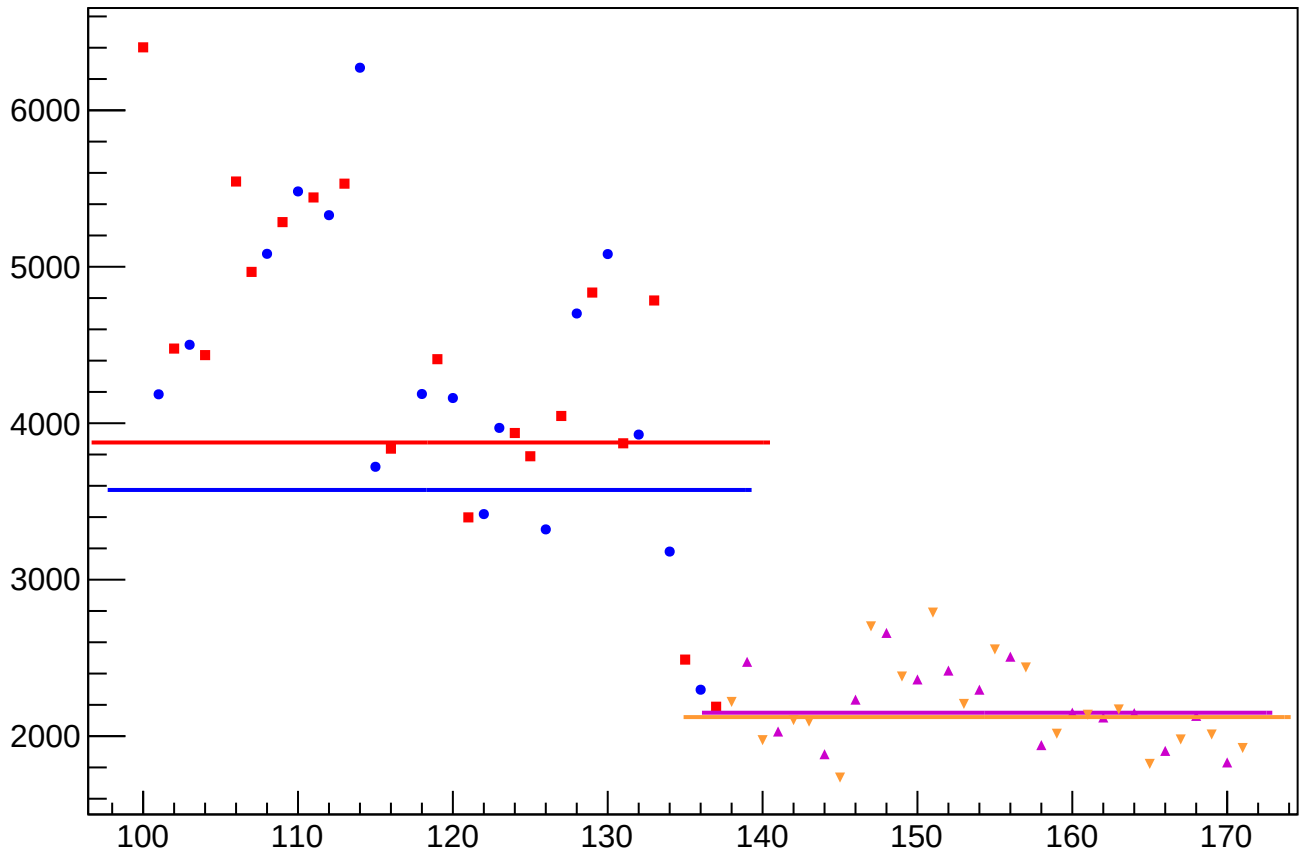
Left In: -427.023 $\pm$ 610.539 χ^2 /NDF:21.9/15

+ sign 1647.623 $\pm$ 540.354 χ^2 /NDF: 50.3/34

All: 710.955 $\pm$ 390.796 χ^2 /NDF: 94.1/69

- sign -316.252 $\pm$ 565.867 χ^2 /NDF: 37.5/34

asym_sam2_rms vs Slug



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2121.731+/-0.412 χ^2/NDF : 409241.9/17

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

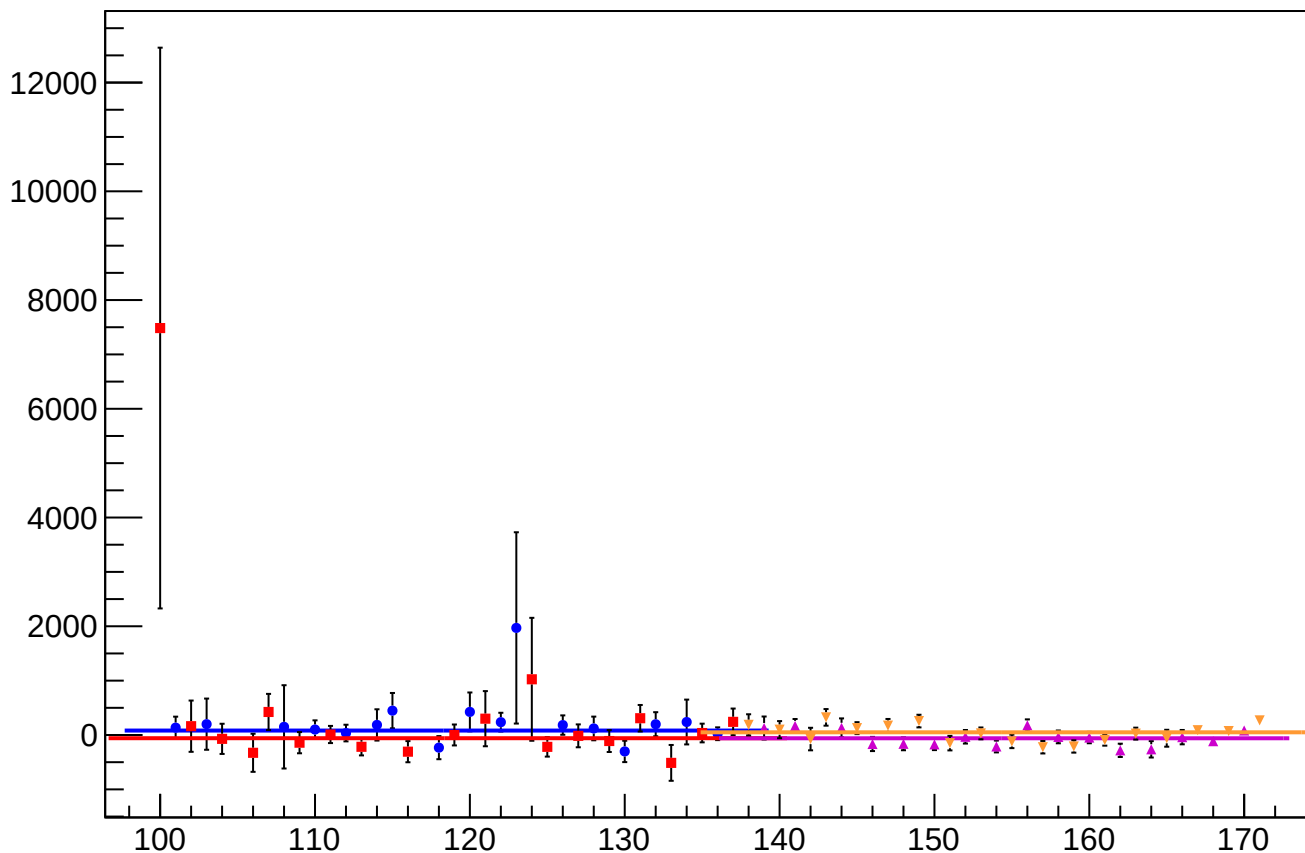
Left In: 2149.709+/-0.432 χ^2/NDF : 285978.6/15

+ sign 2326.011+/-0.382 χ^2/NDF : 3243493.9/34

All: 2358.064+/-0.276 χ^2/NDF : 6789245.5/69

- sign 2393.215+/-0.400 χ^2/NDF : 3530996.7/34

dit_asym_sam3_mean vs Slug



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 49.638+/-27.033 χ^2/NDF : 33.5/17

Right Out: -59.008+/-53.165 χ^2/NDF : 16.4/18

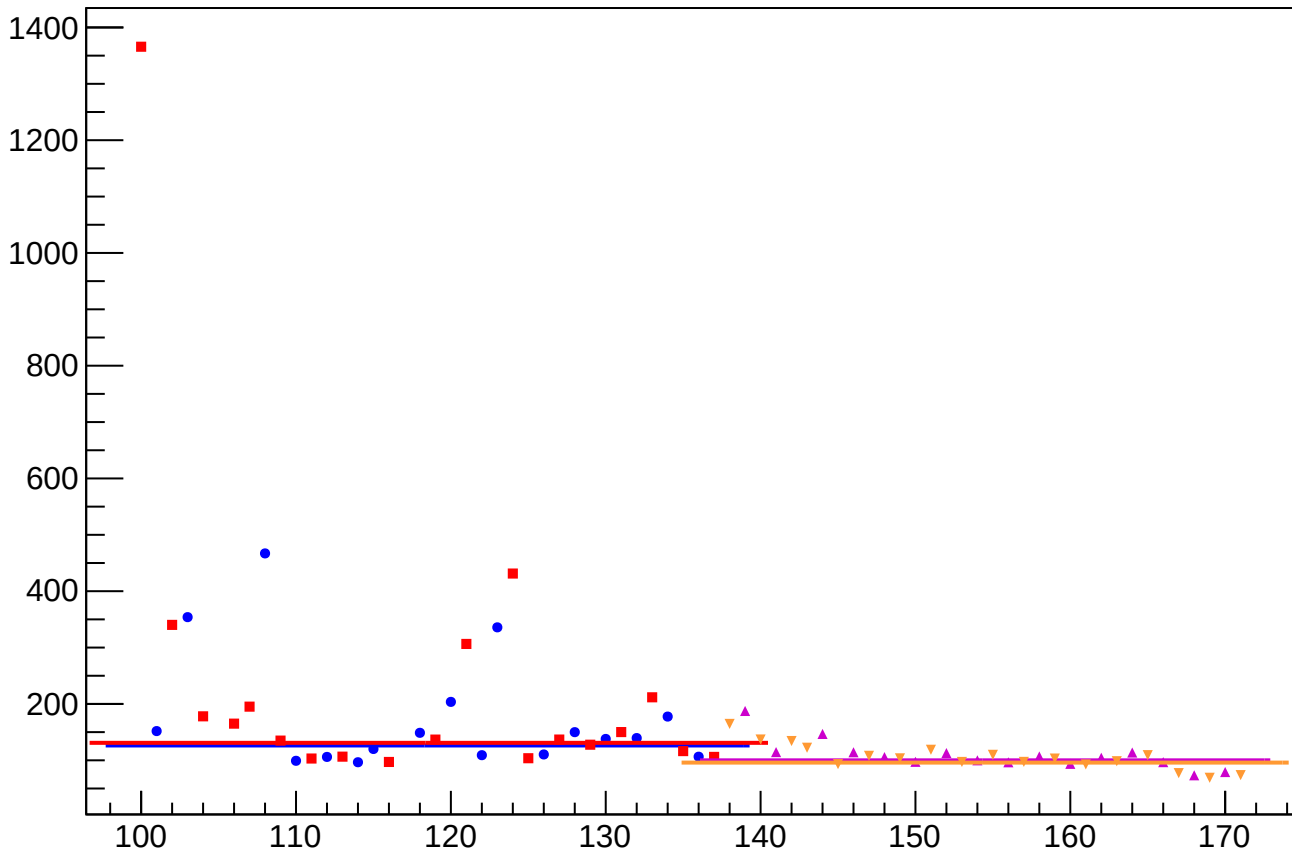
Left In: -60.177+/-29.145 χ^2/NDF : 22.6/15

+ sign 56.511+/-23.976 χ^2/NDF : 45.3/34

All: 2.013+/-17.486 χ^2/NDF : 95.4/69

- sign -59.907+/-25.557 χ^2/NDF : 39.0/34

dit_asym_sam3_rms vs Slug



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 95.956 $\pm$ 0.019 χ^2 /NDF: 1119268.7/17

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

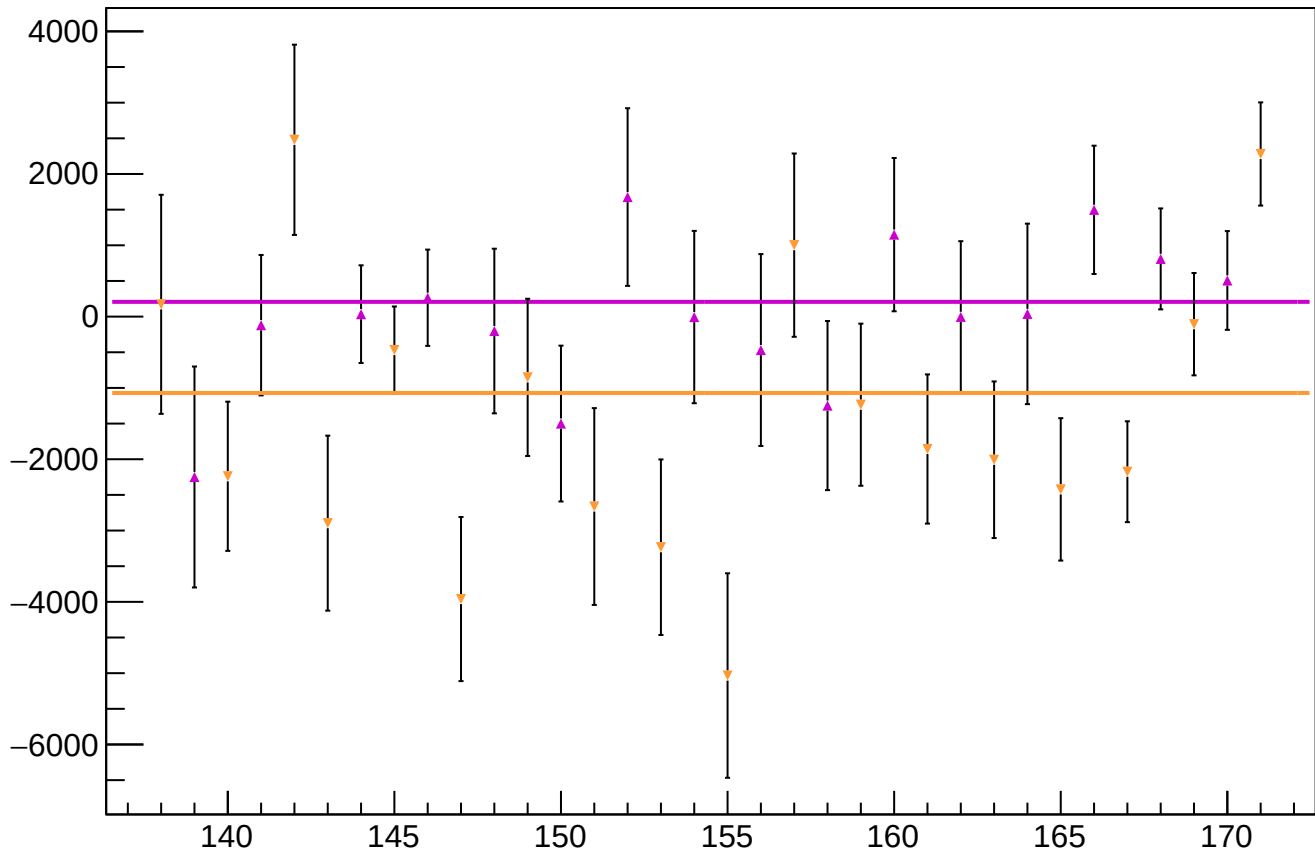
Left In: 99.957 $\pm$ 0.021 χ^2 /NDF: 927292.1/15

+ sign 102.439 $\pm$ 0.017 χ^2 /NDF: 2968888.7/34

All: 104.635 $\pm$ 0.012 χ^2 /NDF: 5885872.5/69

- sign 107.132 $\pm$ 0.018 χ^2 /NDF: 2881113.7/34

asym_sam3_correction_mean vs Slug



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

Left Out: -1070.449+/-232.677 χ^2/NDF : 62.0/17

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

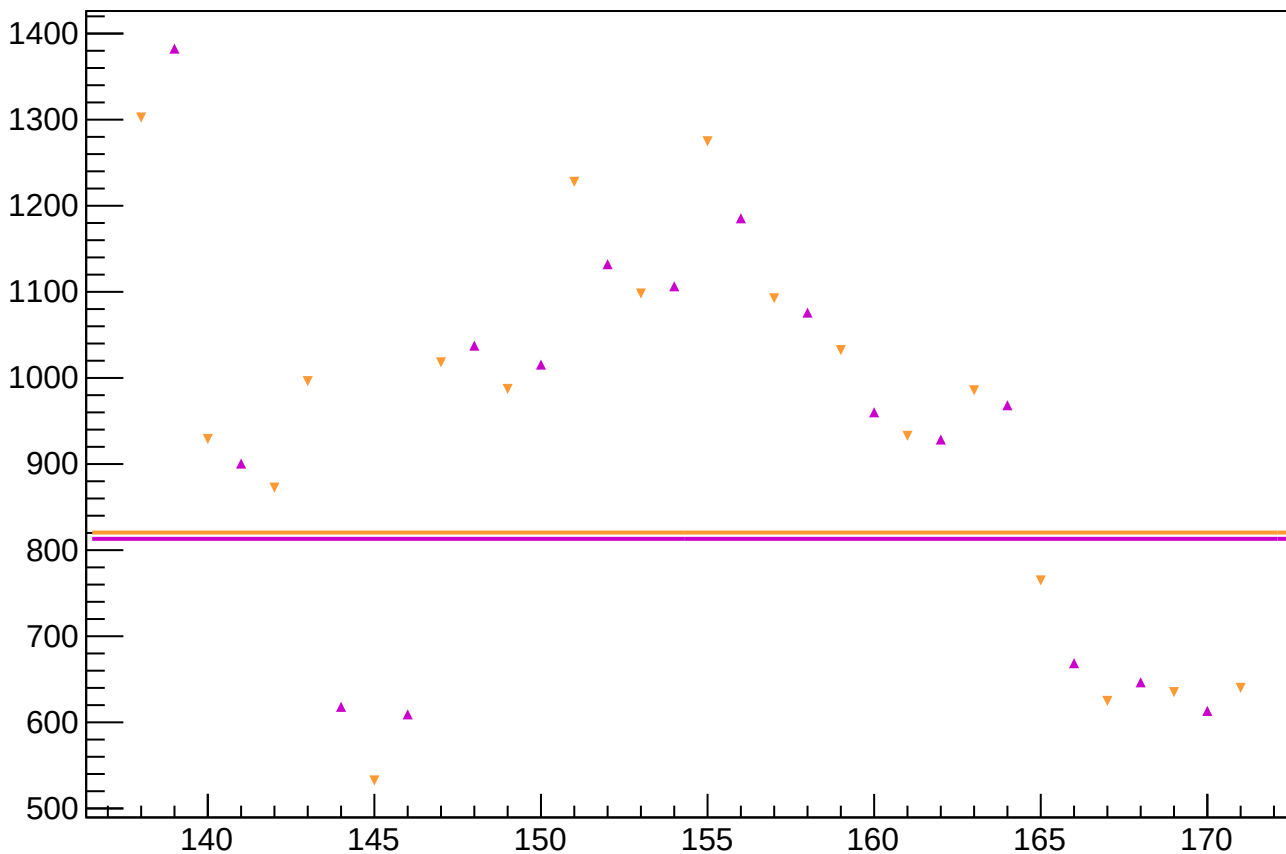
Left In: 207.009+/-238.026 χ^2/NDF : 12.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.235+/-166.386 χ^2/NDF : 89.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 820.434+/-0.165 χ^2/NDF :1933124.6/17

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

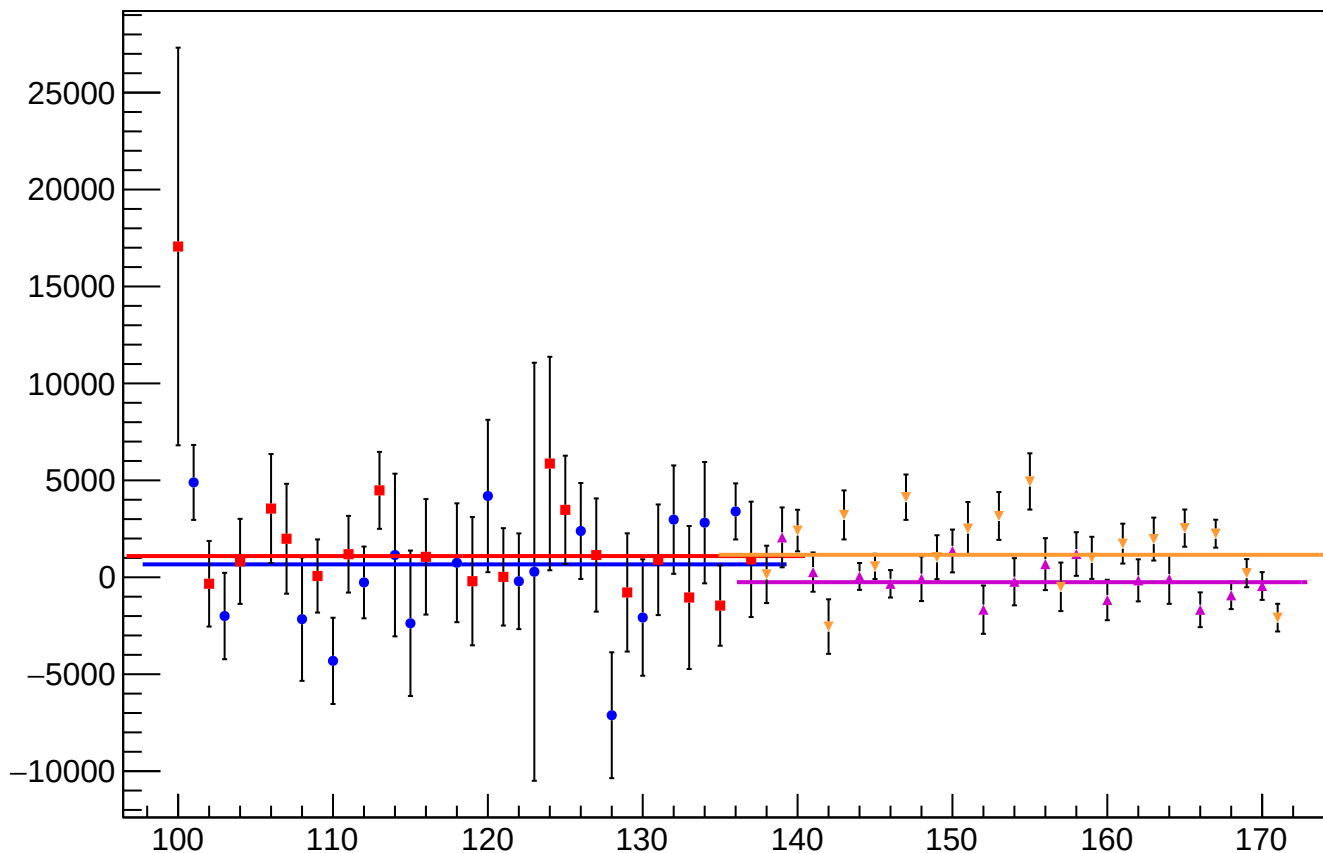
Left In: 813.152+/-0.168 χ^2/NDF :1695241.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.876+/-0.118 χ^2/NDF : 3629322.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1159.372+/-234.924 χ^2/NDF :58.4/17

Right Out: 1094.278+/-602.639 χ^2/NDF : 11.0/18

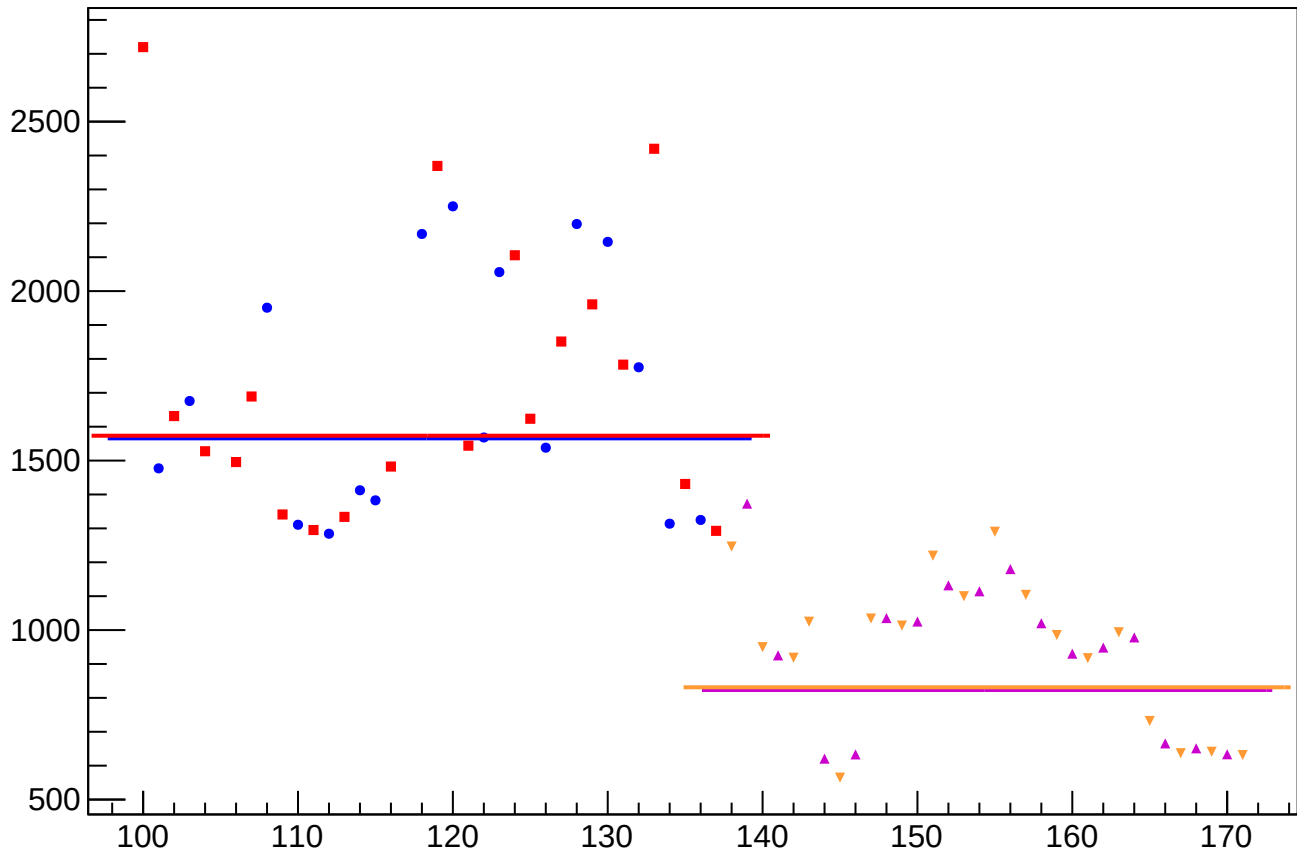
Left In: -252.149+/-240.810 χ^2/NDF :12.6/15

+ sign 1097.284+/-219.631 χ^2/NDF : 84.6/34

All: 525.730+/-156.693 χ^2/NDF : 126.2/69

- sign -66.761+/-223.618 χ^2/NDF : 27.9/34

asym_sam3_rms vs Slug



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 831.200 $\pm$ 0.166 χ^2 /NDF: 1793000.5/17

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

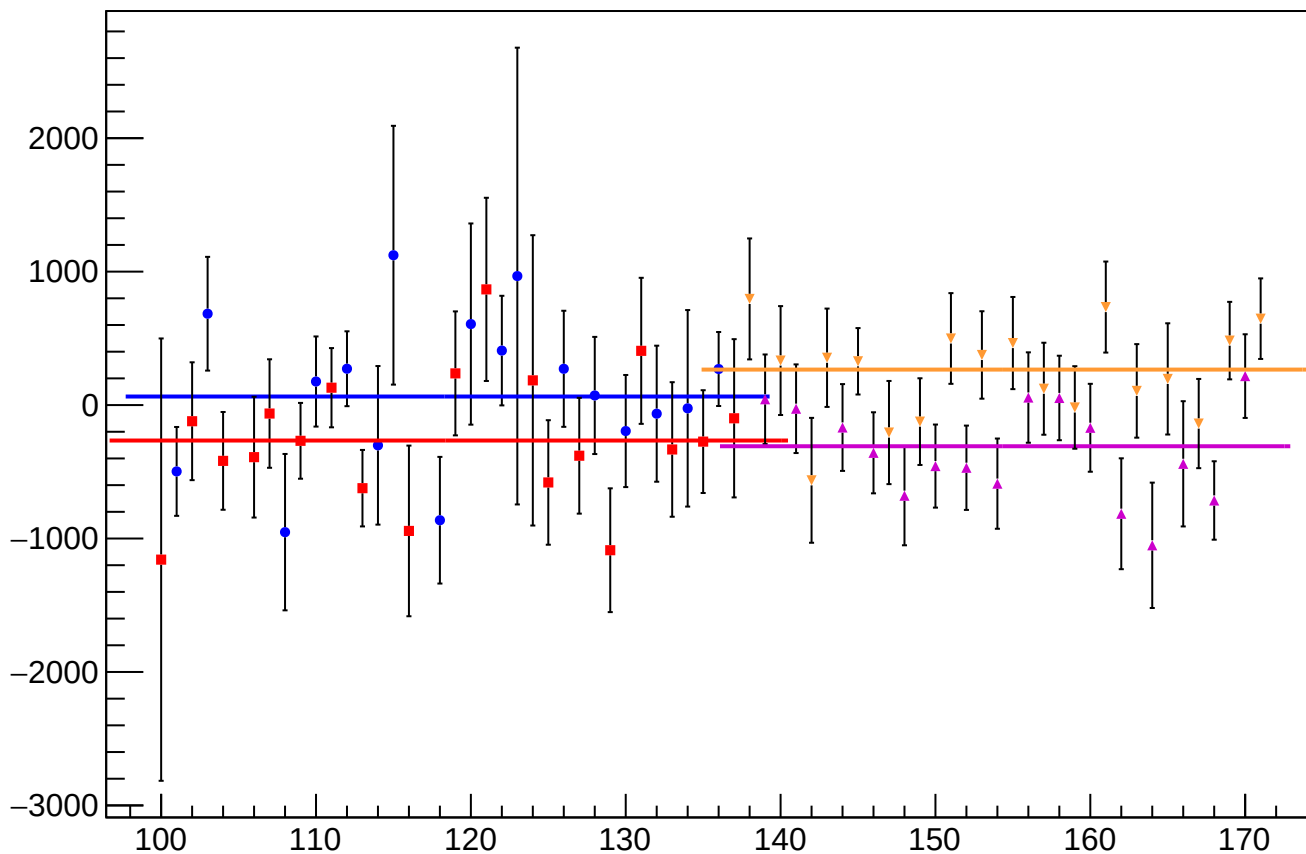
Left In: 823.265 $\pm$ 0.170 χ^2 /NDF: 1558819.8/15

+ sign 923.708 $\pm$ 0.155 χ^2 /NDF: 4745845.5/34

All: 925.101 $\pm$ 0.111 χ^2 /NDF: 9438759.0/69

- sign 926.545 $\pm$ 0.158 χ^2 /NDF: 4692749.6/34

dit_asym_sam4_mean vs Slug



Right In: 64.087 ± 105.336 χ^2/NDF : 16.8/16

Left Out: 265.909 ± 80.418 χ^2/NDF : 15.3/17

Right Out: -265.661 ± 99.379 χ^2/NDF : 14.7/18

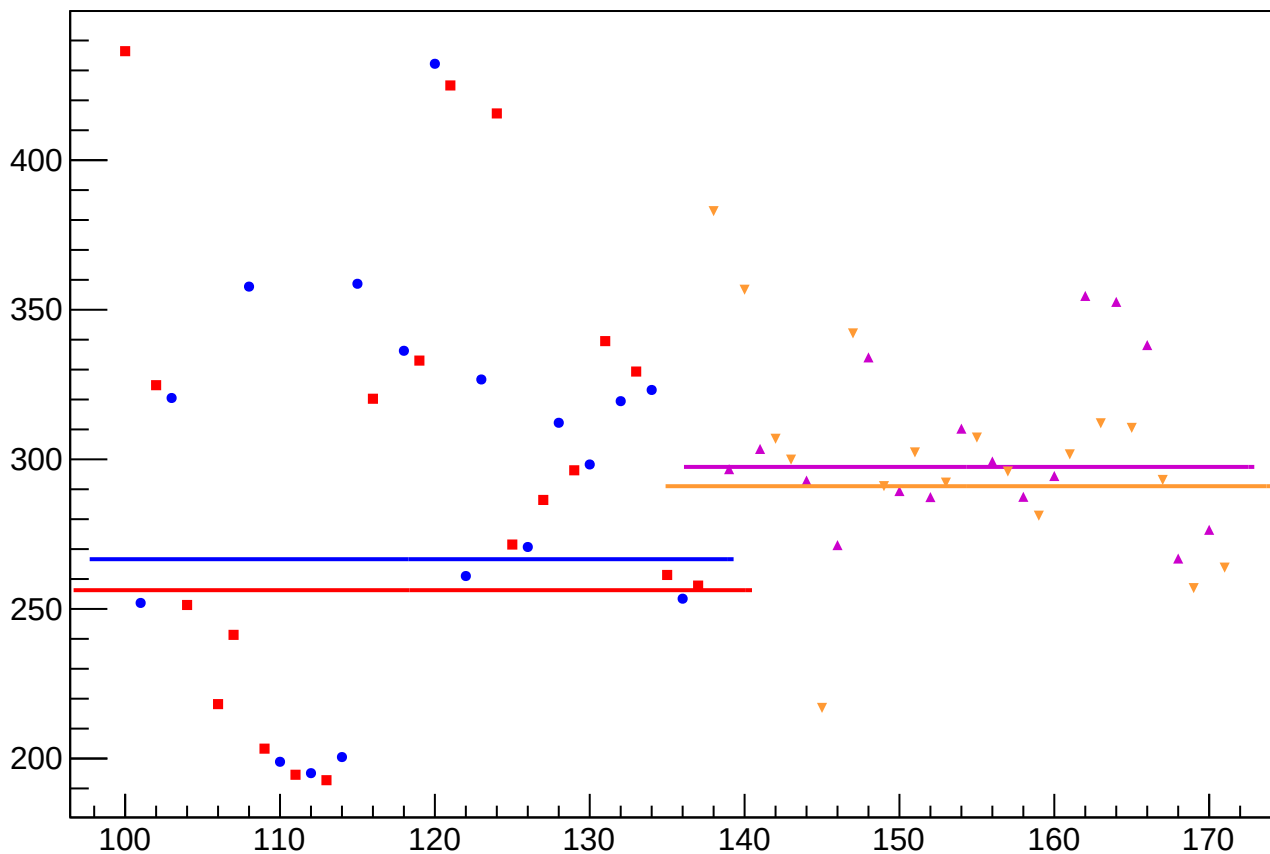
Left In: -308.512 ± 84.787 χ^2/NDF : 15.6/15

+ sign 191.593 ± 63.920 χ^2/NDF : 34.3/34

All: -47.250 ± 45.402 χ^2/NDF : 92.9/69

- sign -290.461 ± 64.502 χ^2/NDF : 30.4/34

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 291.025 $\pm$ 0.057 χ^2 /NDF: 416230.8/17

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

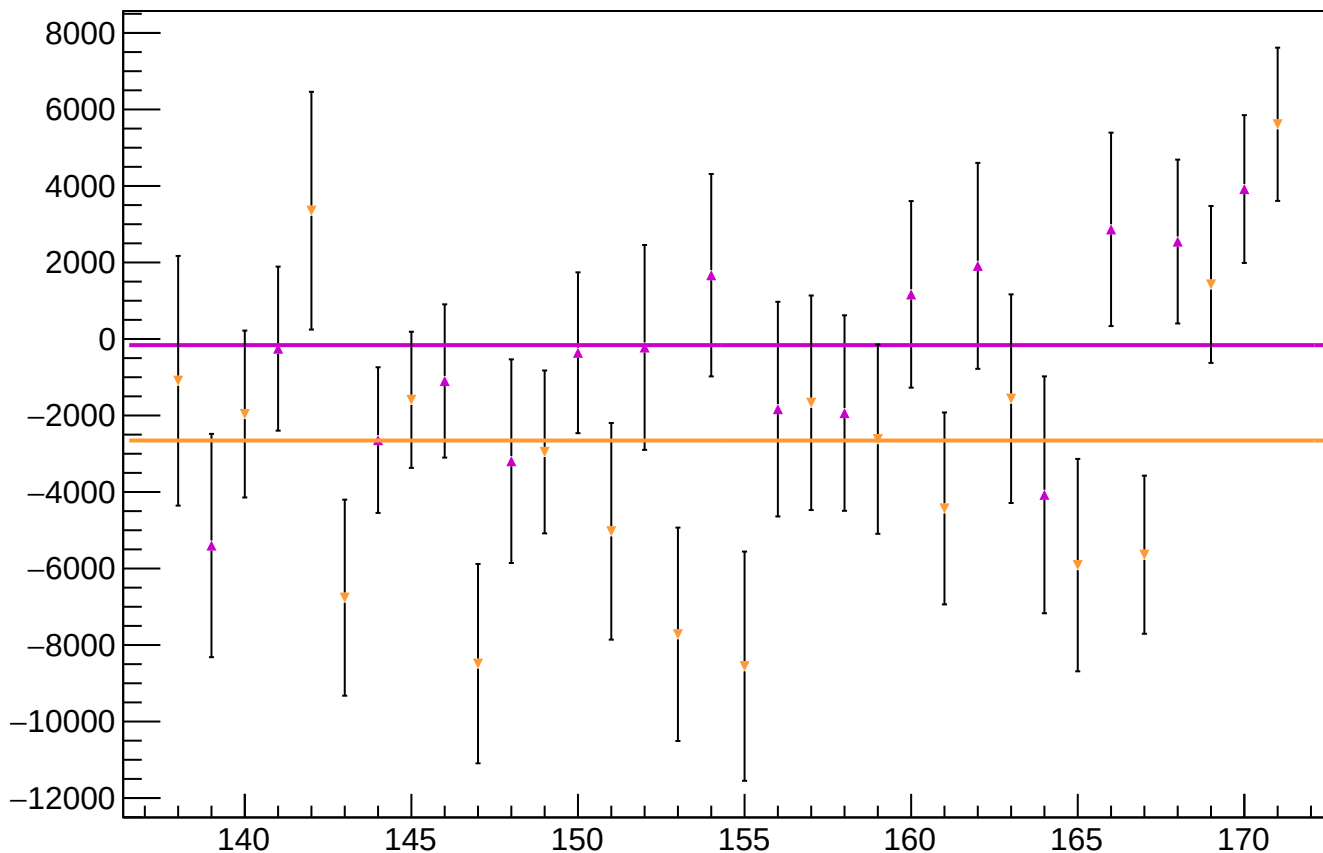
Left In: 297.473 $\pm$ 0.060 χ^2 /NDF: 154959.9/15

+ sign 282.040 $\pm$ 0.045 χ^2 /NDF: 1034783.2/34

All: 281.086 $\pm$ 0.032 χ^2 /NDF: 2086516.5/69

- sign 280.115 $\pm$ 0.046 χ^2 /NDF: 1050834.5/34

asym_sam4_correction_mean vs Slug



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

Left Out: -2653.649+/-573.255 χ^2/NDF : 45.1/17

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

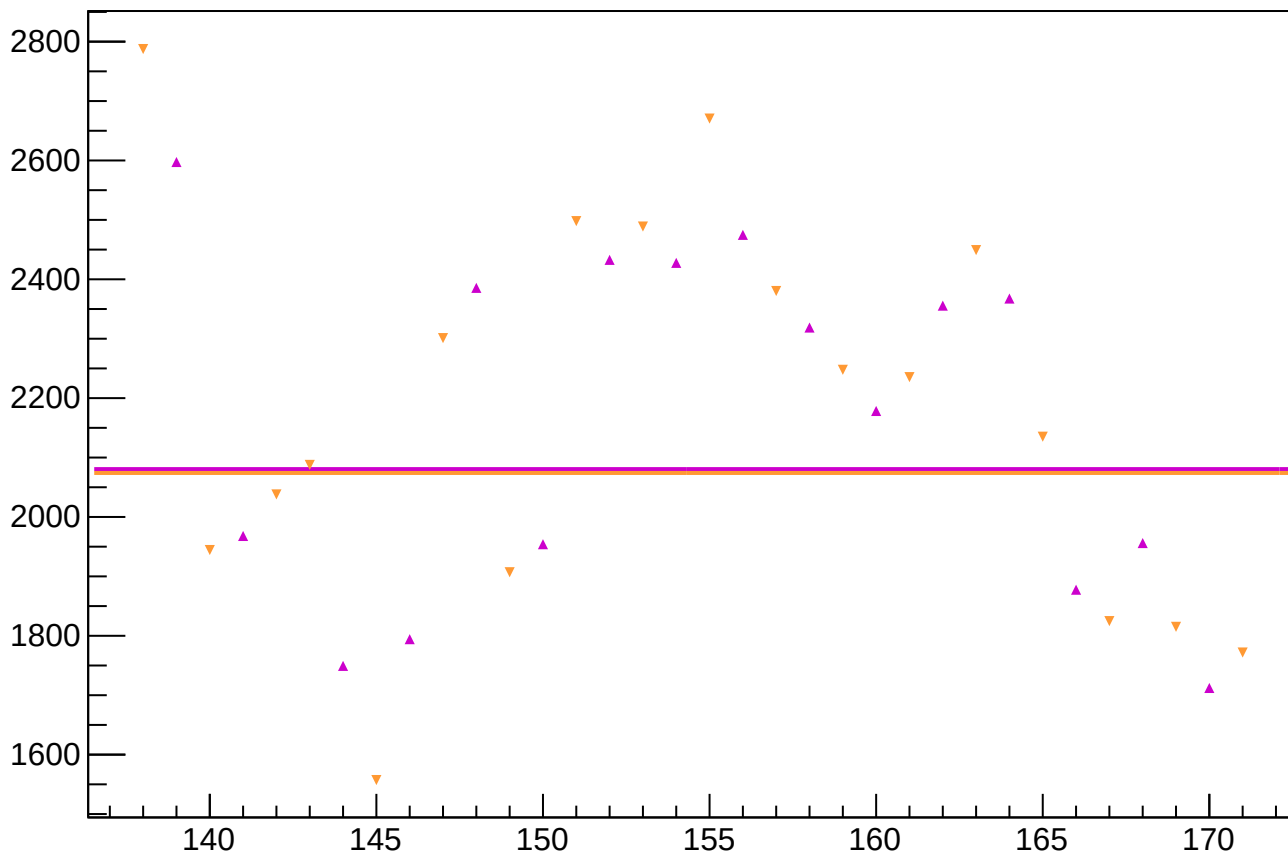
Left In: -160.622+/-593.076 χ^2/NDF : 17.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1449.490+/-412.182 χ^2/NDF : 72.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2074.067+/-0.405 χ^2/NDF : 654770.9/17

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

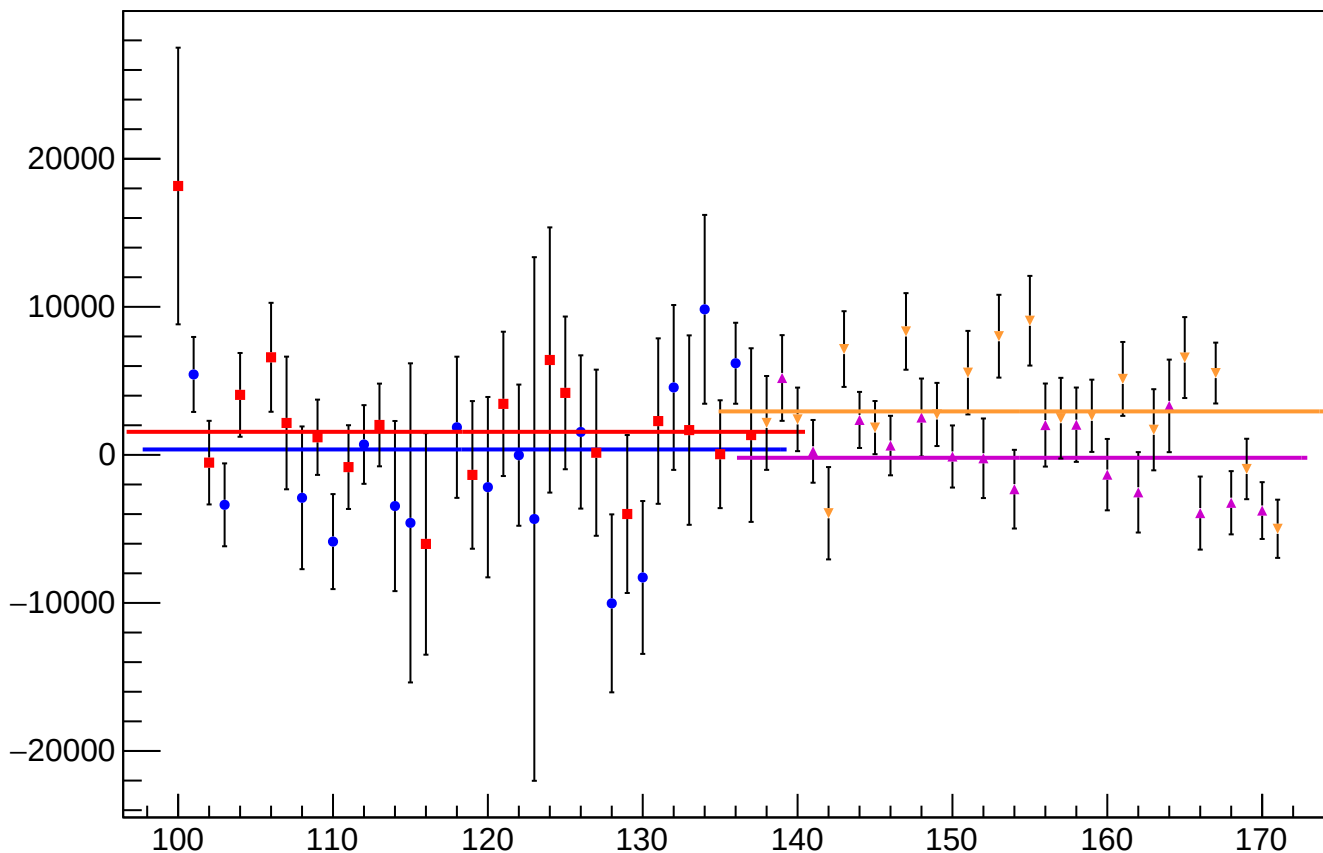
Left In: 2080.557+/-0.419 χ^2/NDF : 462688.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.202+/-0.291 χ^2/NDF : 1117583.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



Right In: 366.454 ± 992.480 χ^2/NDF : 24.2/16

Left Out: 2937.203 ± 569.799 χ^2/NDF : 45.0/17

Right Out: 1557.388 ± 924.003 χ^2/NDF : 10.5/18

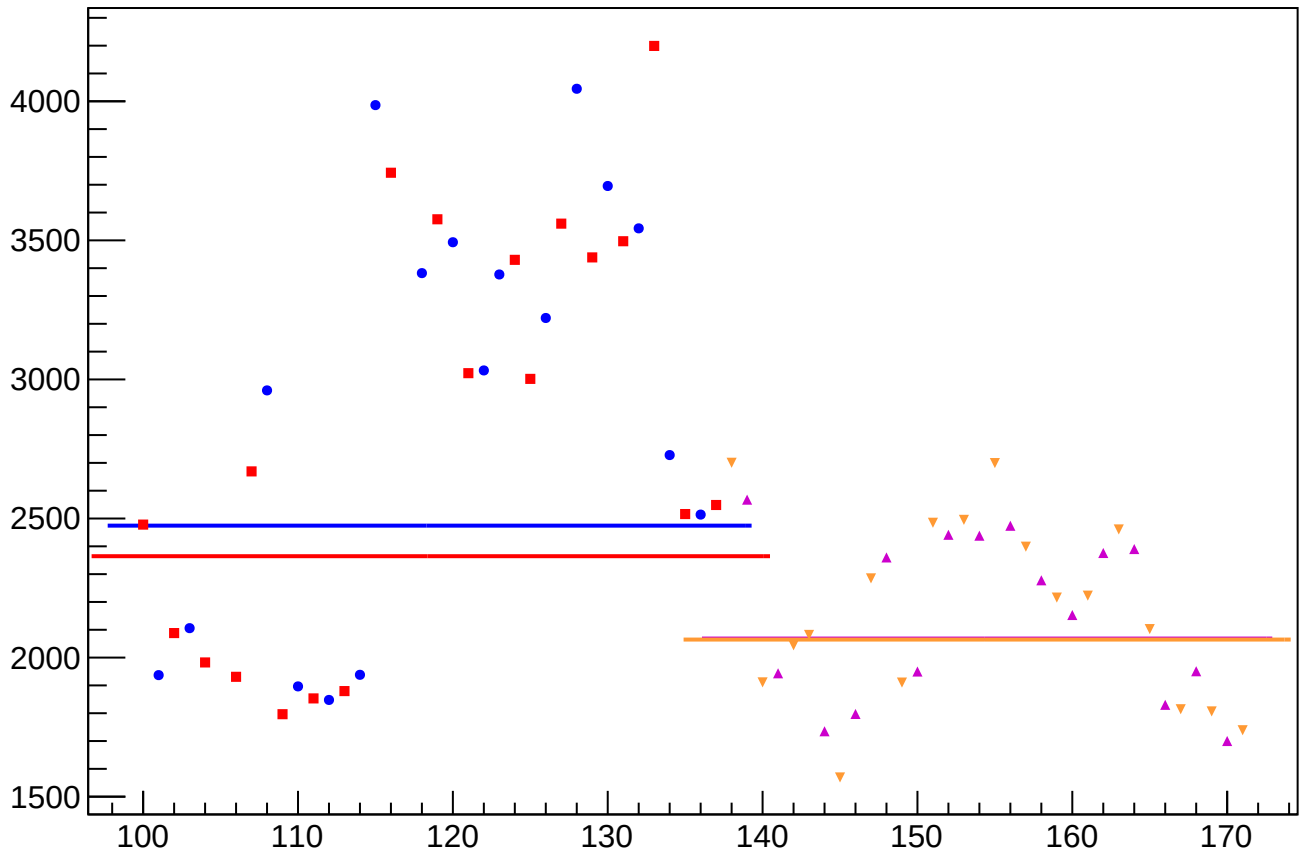
Left In: -196.516 ± 590.248 χ^2/NDF : 18.6/15

+ sign 2299.916 ± 494.151 χ^2/NDF : 74.2/34

All: 1312.400 ± 350.568 χ^2/NDF : 113.9/69

- sign 311.770 ± 497.421 χ^2/NDF : 31.7/34

asym_sam4_rms vs Slug



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2064.815 $\pm$ 0.403 χ^2 /NDF: 652284.8/17

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

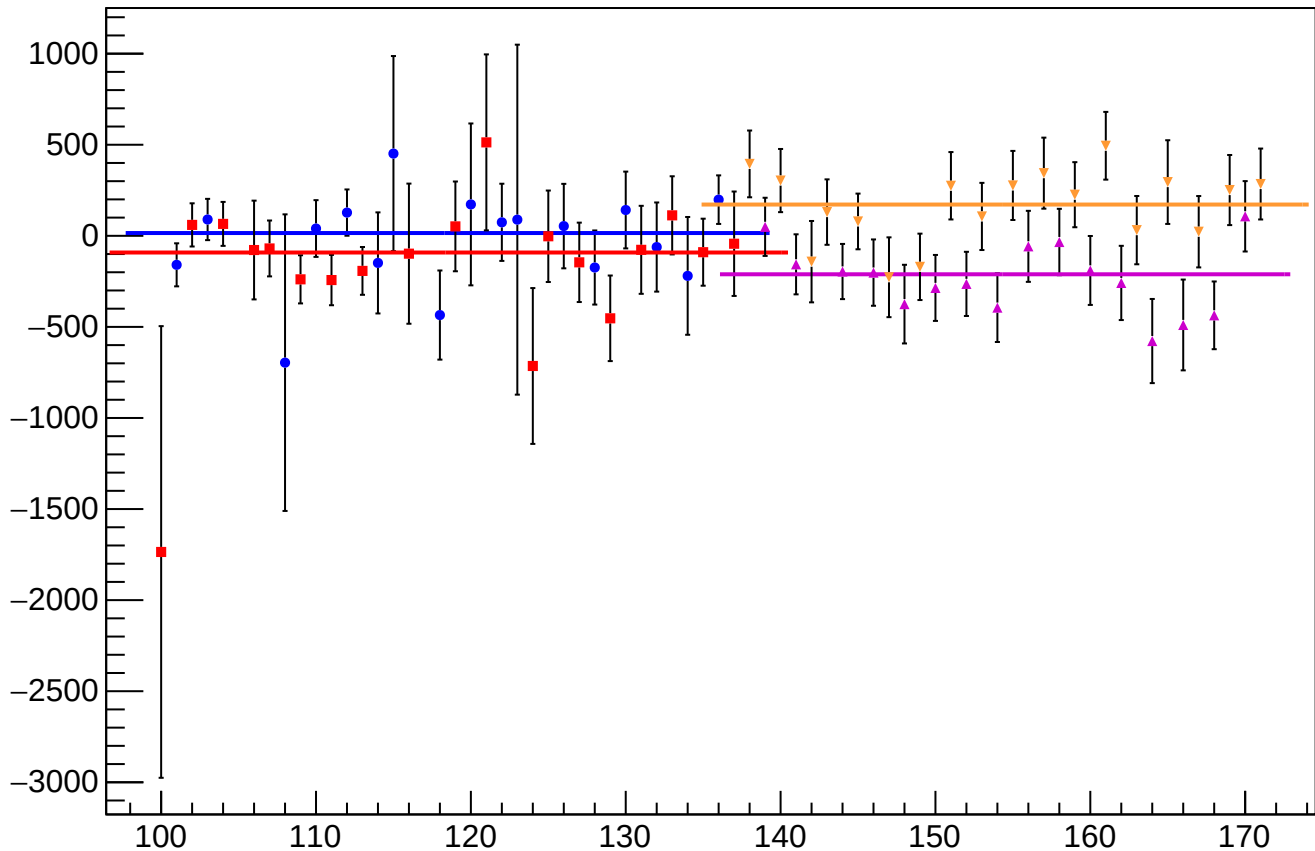
Left In: 2068.409 $\pm$ 0.417 χ^2 /NDF: 476408.6/15

+ sign 2166.348 $\pm$ 0.349 χ^2 /NDF: 1814715.5/34

All: 2160.324 $\pm$ 0.248 χ^2 /NDF: 3460985.1/69

- sign 2154.219 $\pm$ 0.352 χ^2 /NDF: 1645671.0/34

dit_asym_sam5_mean vs Slug



Right In: 15.303 ± 46.443 χ^2/NDF : 12.6/16

Left Out: 171.719 ± 44.382 χ^2/NDF : 17.9/17

Right Out: -91.634 ± 43.318 χ^2/NDF : 15.7/18

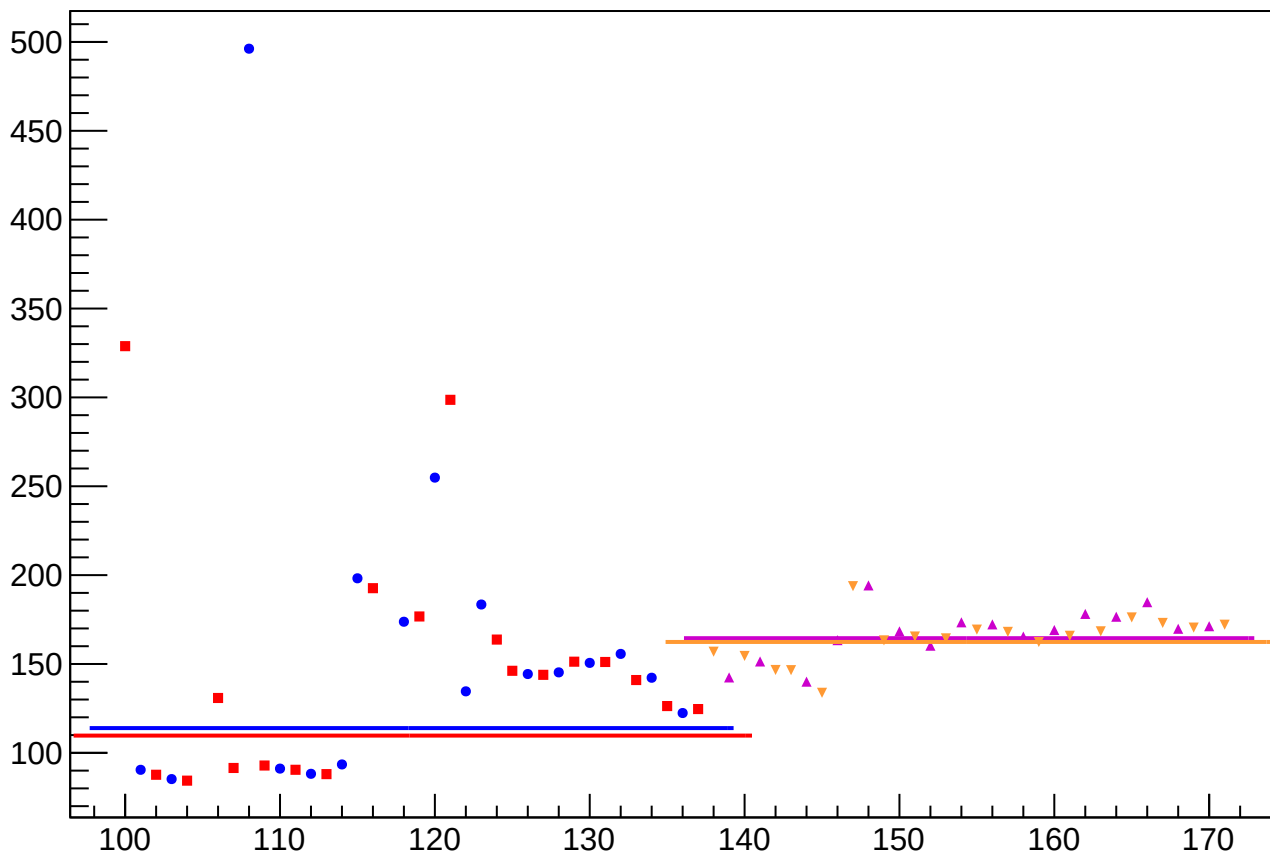
Left In: -211.142 ± 46.573 χ^2/NDF : 14.1/15

+ sign 97.060 ± 32.087 χ^2/NDF : 36.3/34

All: -26.410 ± 22.558 χ^2/NDF : 98.9/69

- sign -147.066 ± 31.719 χ^2/NDF : 33.3/34

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF : 1407849.3/16

Left Out: 162.399+/-0.031 χ^2/NDF : 172221.9/17

Right Out: 109.709+/-0.031 χ^2/NDF : 1242014.6/18

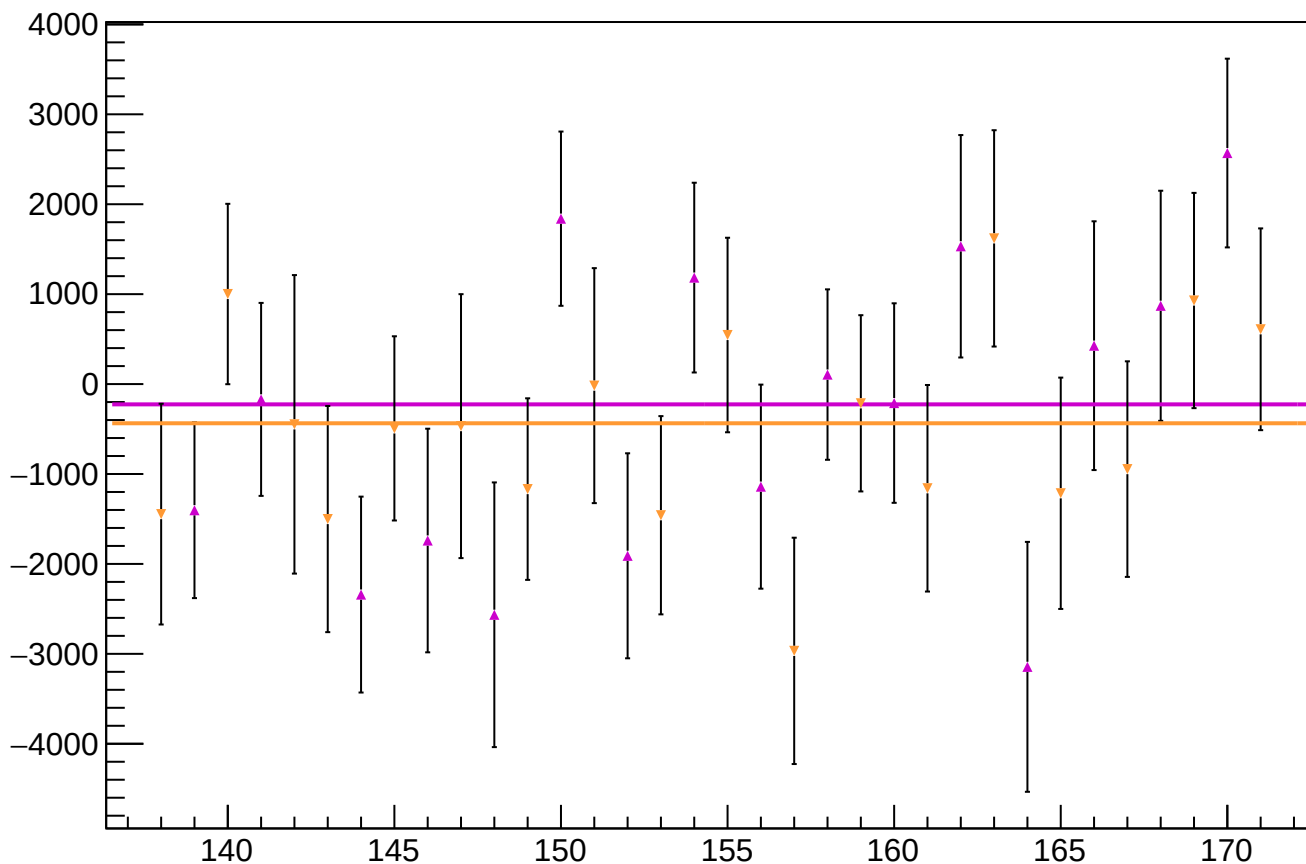
Left In: 164.517+/-0.033 χ^2/NDF : 183552.3/15

+ sign 139.265+/-0.023 χ^2/NDF : 2718530.0/34

All: 137.174+/-0.016 χ^2/NDF : 5645922.1/69

- sign 135.131+/-0.022 χ^2/NDF : 2910604.5/34

asym_sam5_correction_mean vs Slug



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

Left Out: -435.885 $\pm$ 274.929 χ^2 /NDF:15.9/17

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

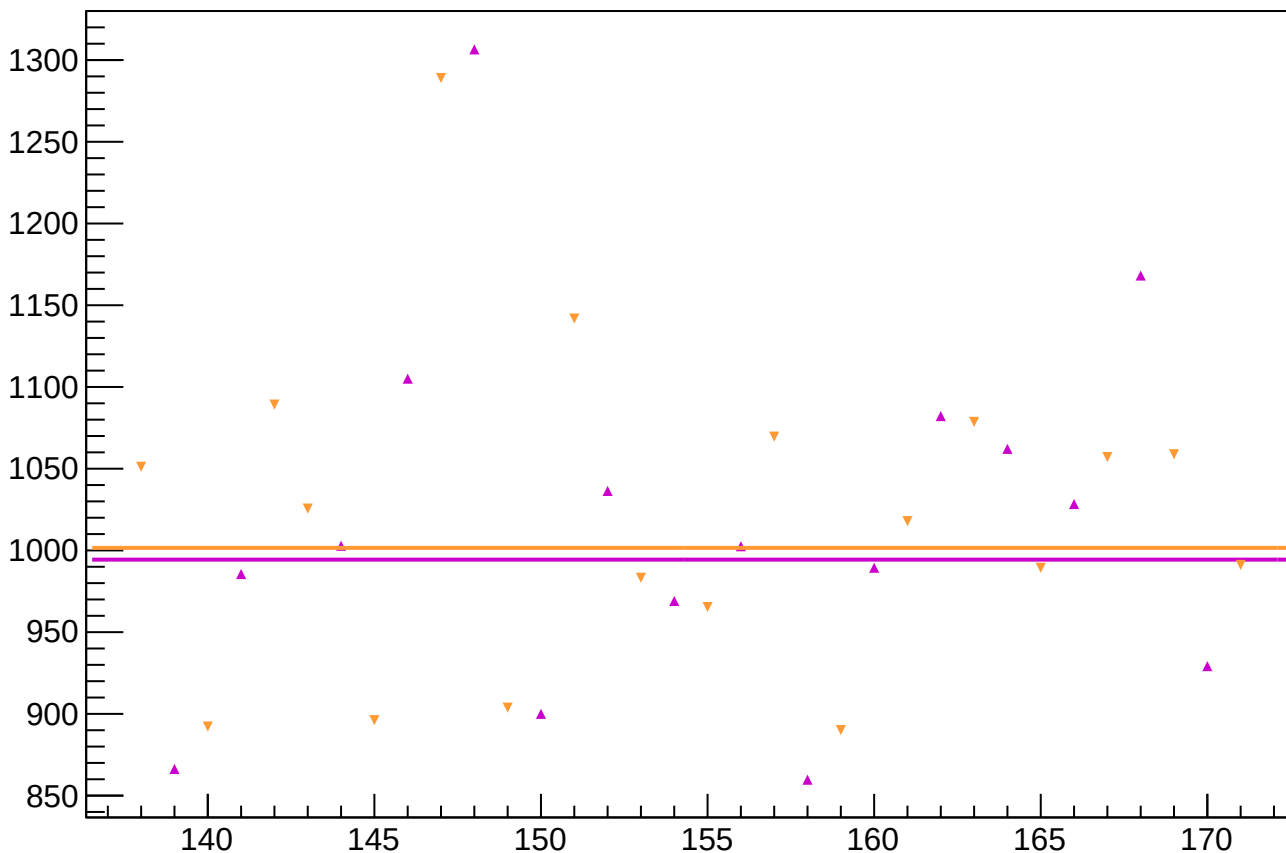
Left In: -225.643 $\pm$ 282.665 χ^2 /NDF:33.0/15

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

All: -333.680 $\pm$ 197.082 χ^2 /NDF: 49.2/33

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

asym_sam5_correction_rms vs Slug



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

Left Out: 1001.572+/-0.194 χ^2/NDF : 225418.1/17

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

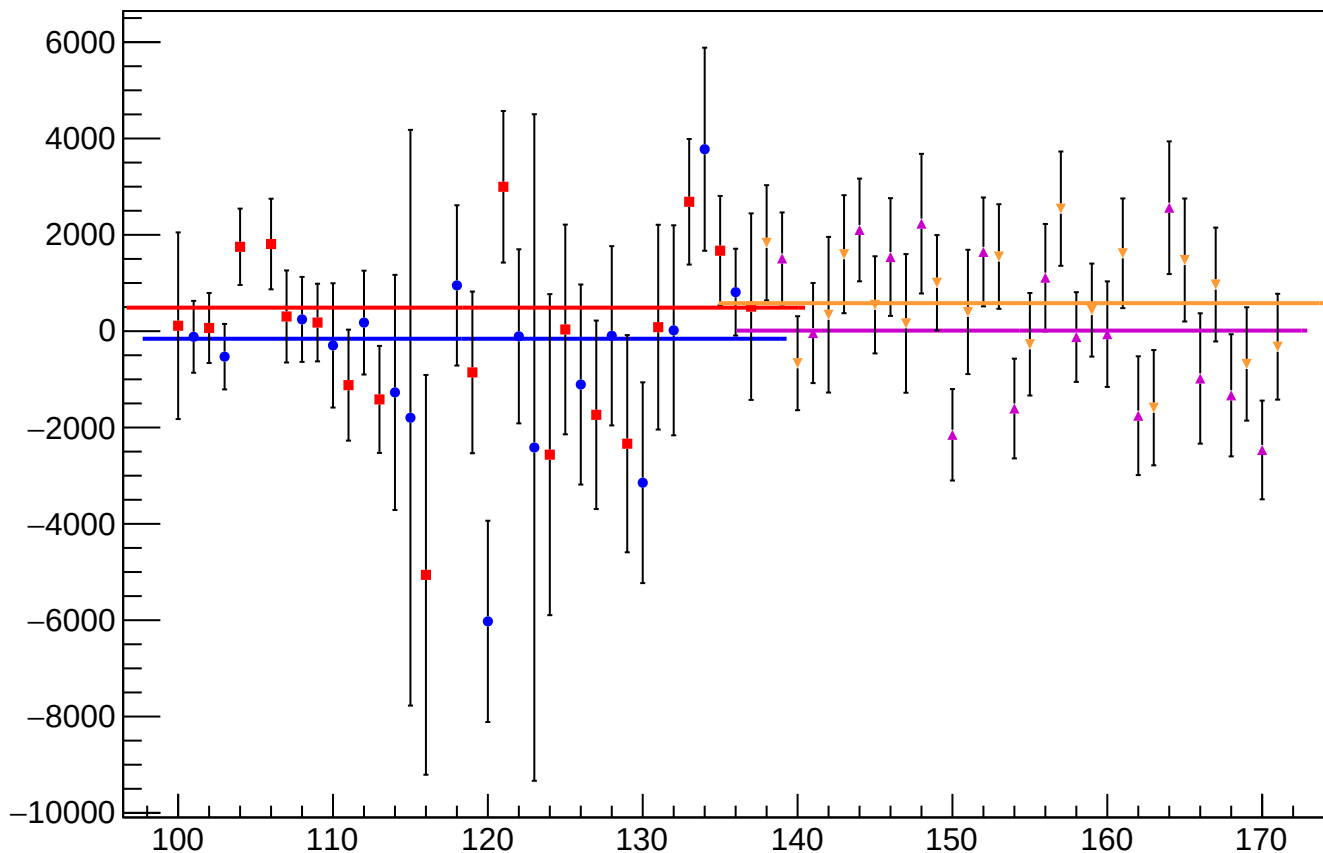
Left In: 994.374+/-0.200 χ^2/NDF : 264431.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.073+/-0.139 χ^2/NDF : 490516.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -157.178 ± 312.499 χ^2/NDF : 16.2/16

Left Out: 581.265 ± 269.645 χ^2/NDF : 14.5/17

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

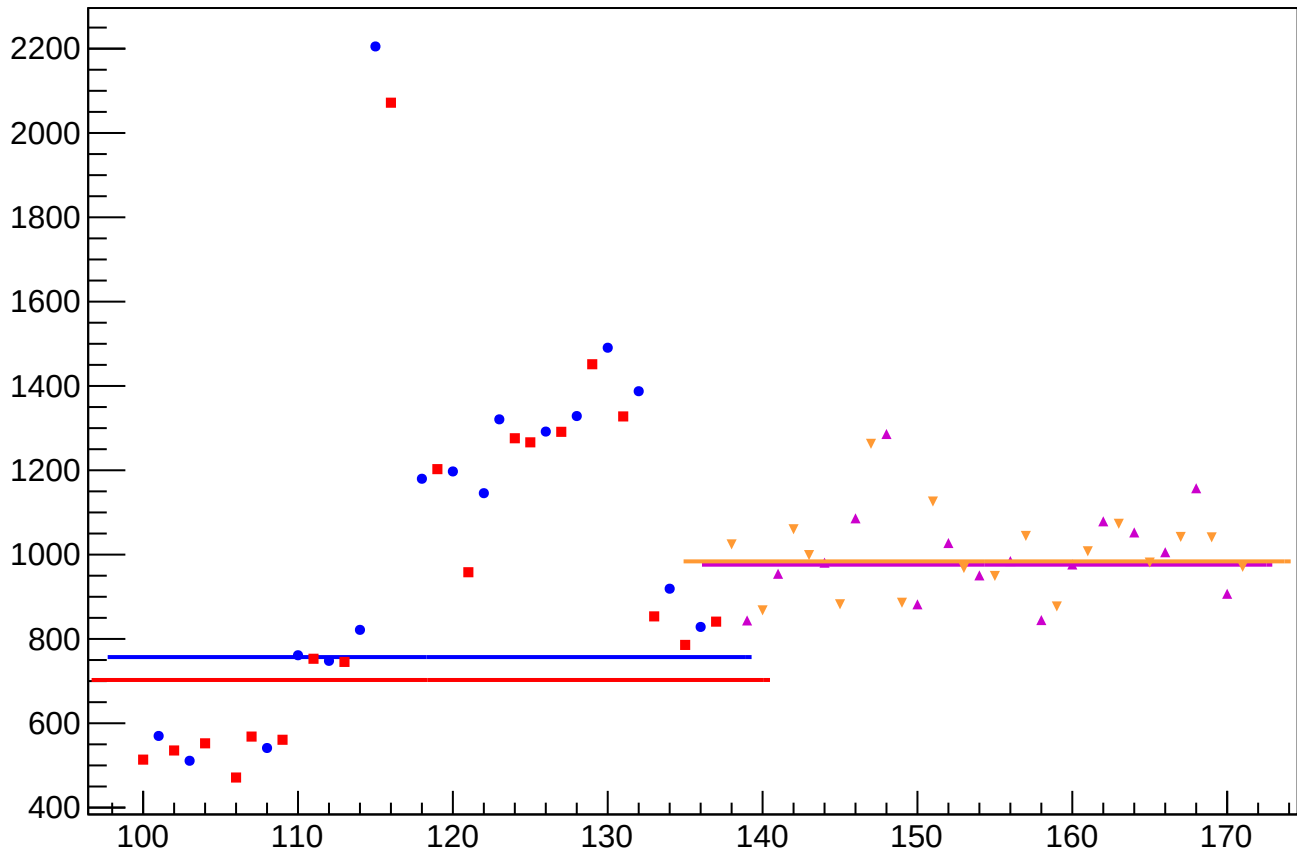
Left In: 11.955 ± 277.661 χ^2/NDF : 33.9/15

+ sign 266.111 ± 204.151 χ^2/NDF : 33.9/34

All: 255.720 ± 142.174 χ^2/NDF : 91.9/69

- sign 245.934 ± 198.113 χ^2/NDF : 58.0/34

asym_sam5_rms vs Slug



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 983.946 $\pm$ 0.191 χ^2 /NDF:228697.8/17

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

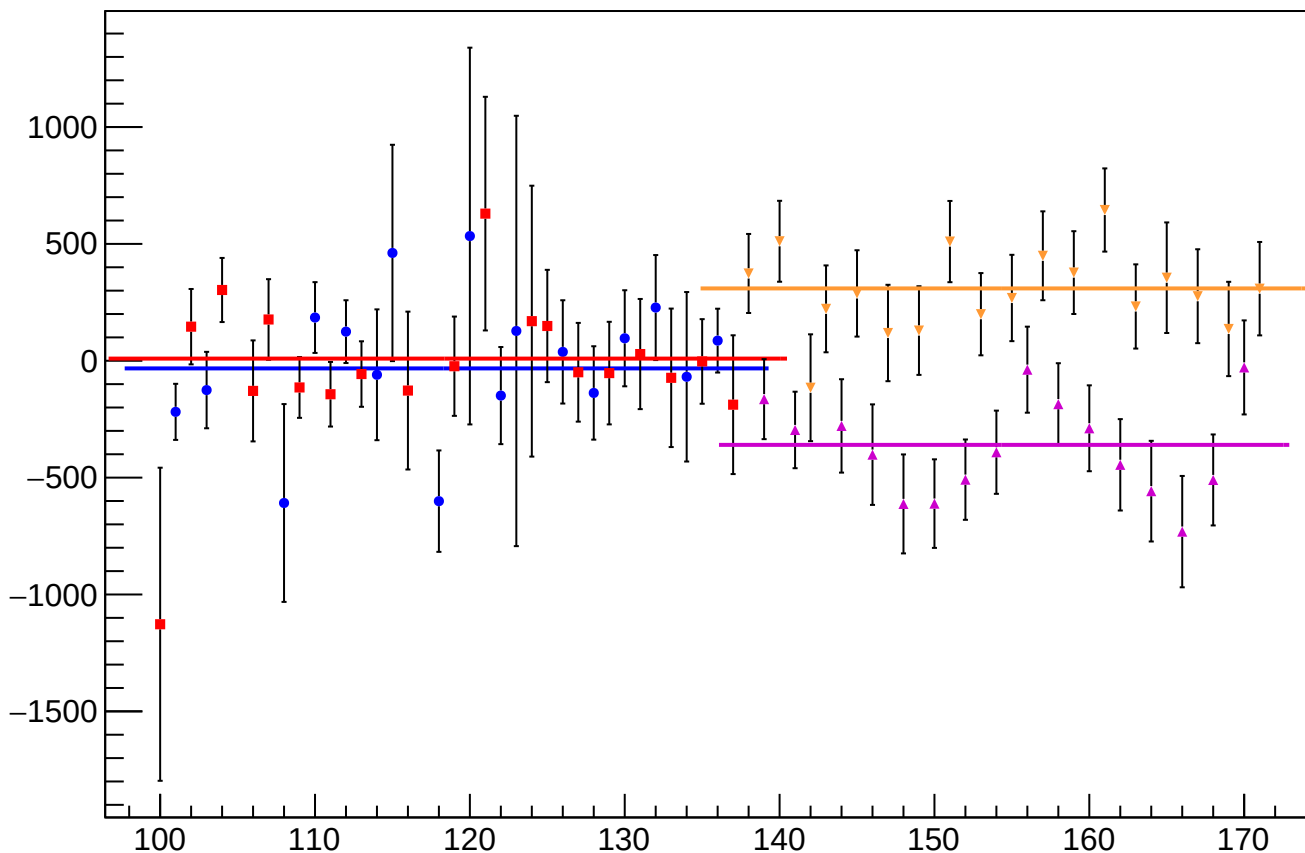
Left In: 976.099 $\pm$ 0.196 χ^2 /NDF:282810.3/15

+ sign 887.083 $\pm$ 0.144 χ^2 /NDF: 2544701.4/34

All: 863.795 $\pm$ 0.101 χ^2 /NDF: 5519830.6/69

- sign 841.865 $\pm$ 0.140 χ^2 /NDF: 2924597.1/34

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 309.499 ± 44.459 χ^2/NDF : 13.9/17

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

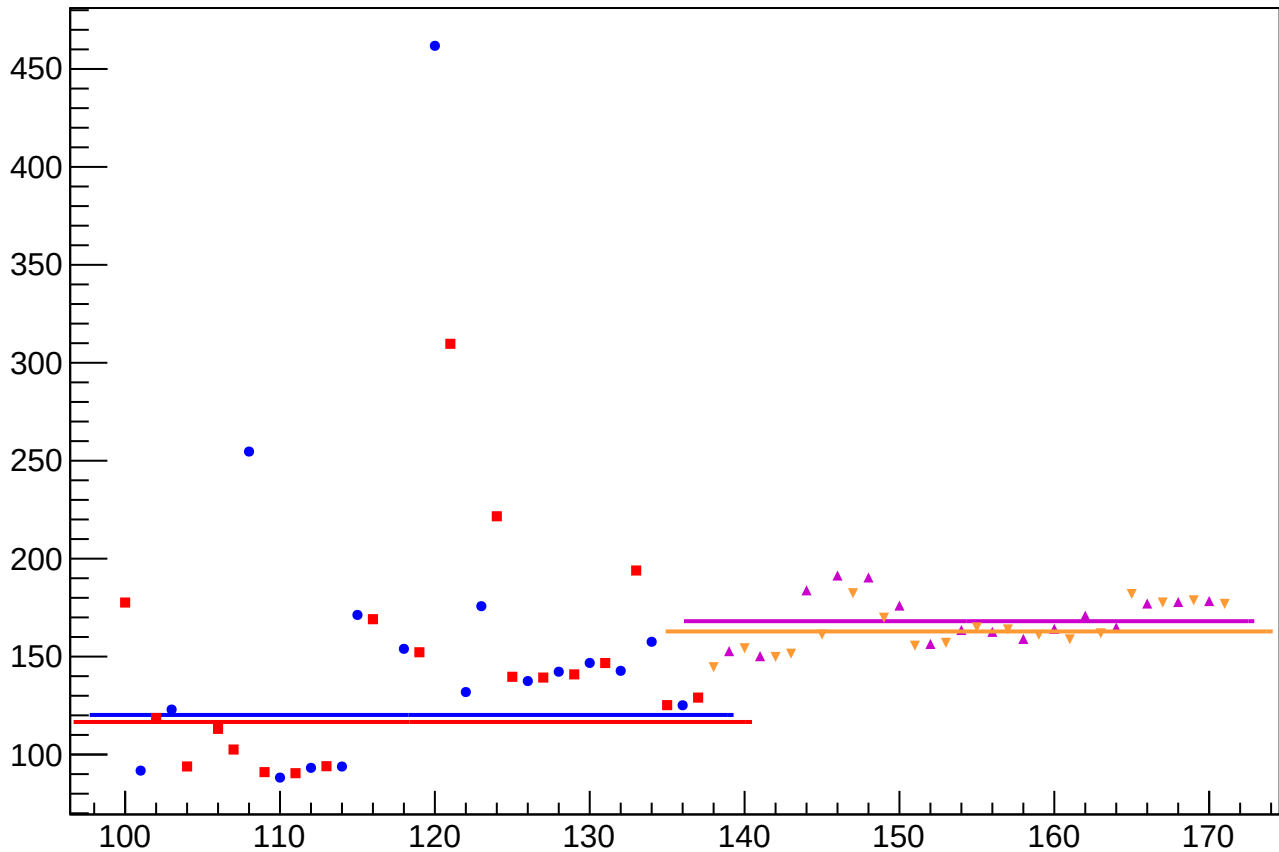
Left In: -359.881 ± 47.570 χ^2/NDF : 16.6/15

+ sign 153.009 ± 32.752 χ^2/NDF : 60.8/34

All: -6.431 ± 23.218 χ^2/NDF : 171.1/69

- sign -167.499 ± 32.918 χ^2/NDF : 62.7/34

dit_asym_sam6_rms vs Slug



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 162.831 $\pm$ 0.031 χ^2 /NDF:116392.7/17

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

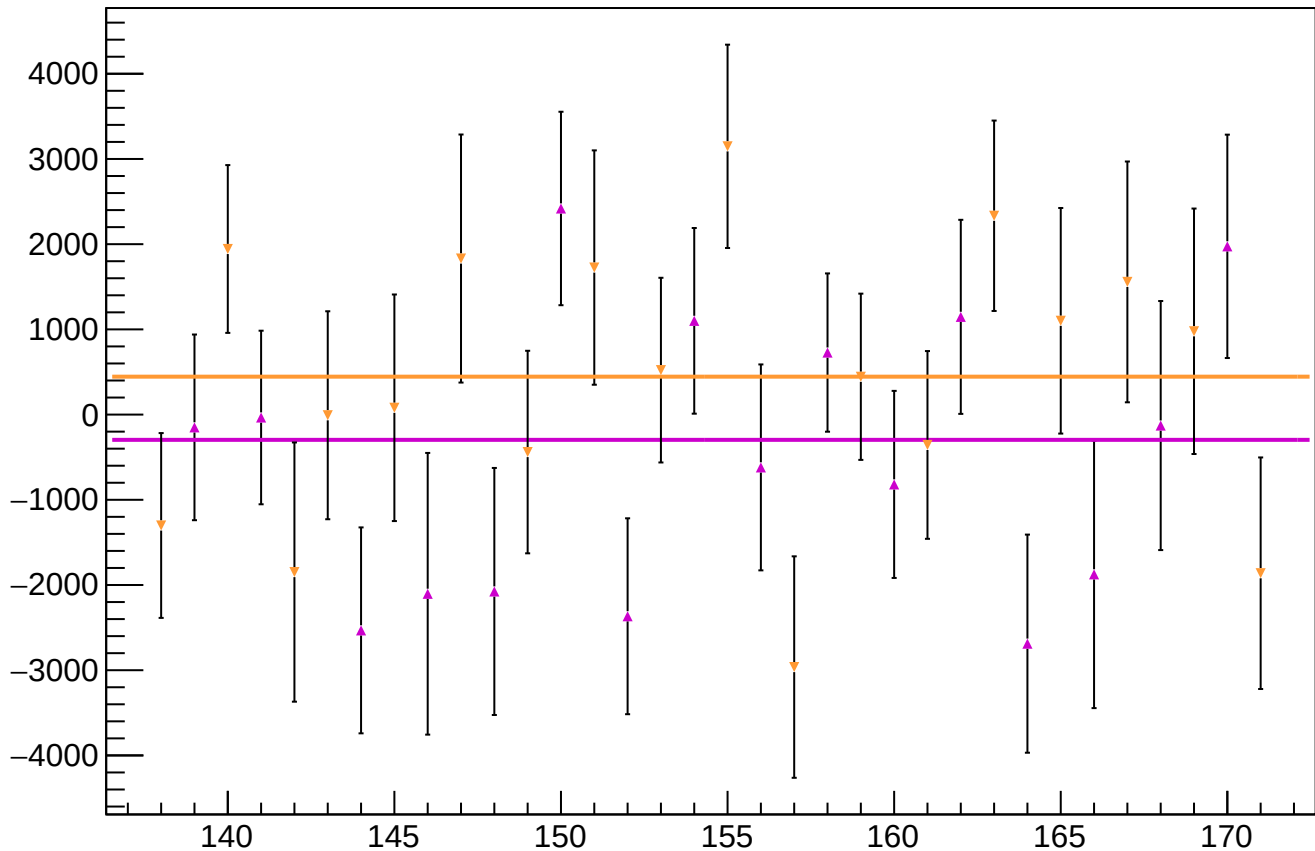
Left In: 168.073 $\pm$ 0.034 χ^2 /NDF:133947.1/15

+ sign 143.338 $\pm$ 0.023 χ^2 /NDF: 2019429.4/34

All: 142.303 $\pm$ 0.016 χ^2 /NDF: 4374841.4/69

- sign 141.258 $\pm$ 0.023 χ^2 /NDF: 2351397.7/34

asym_sam6_correction_mean vs Slug



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

Left Out: 445.104+/-286.578 χ^2/NDF : 29.0/17

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

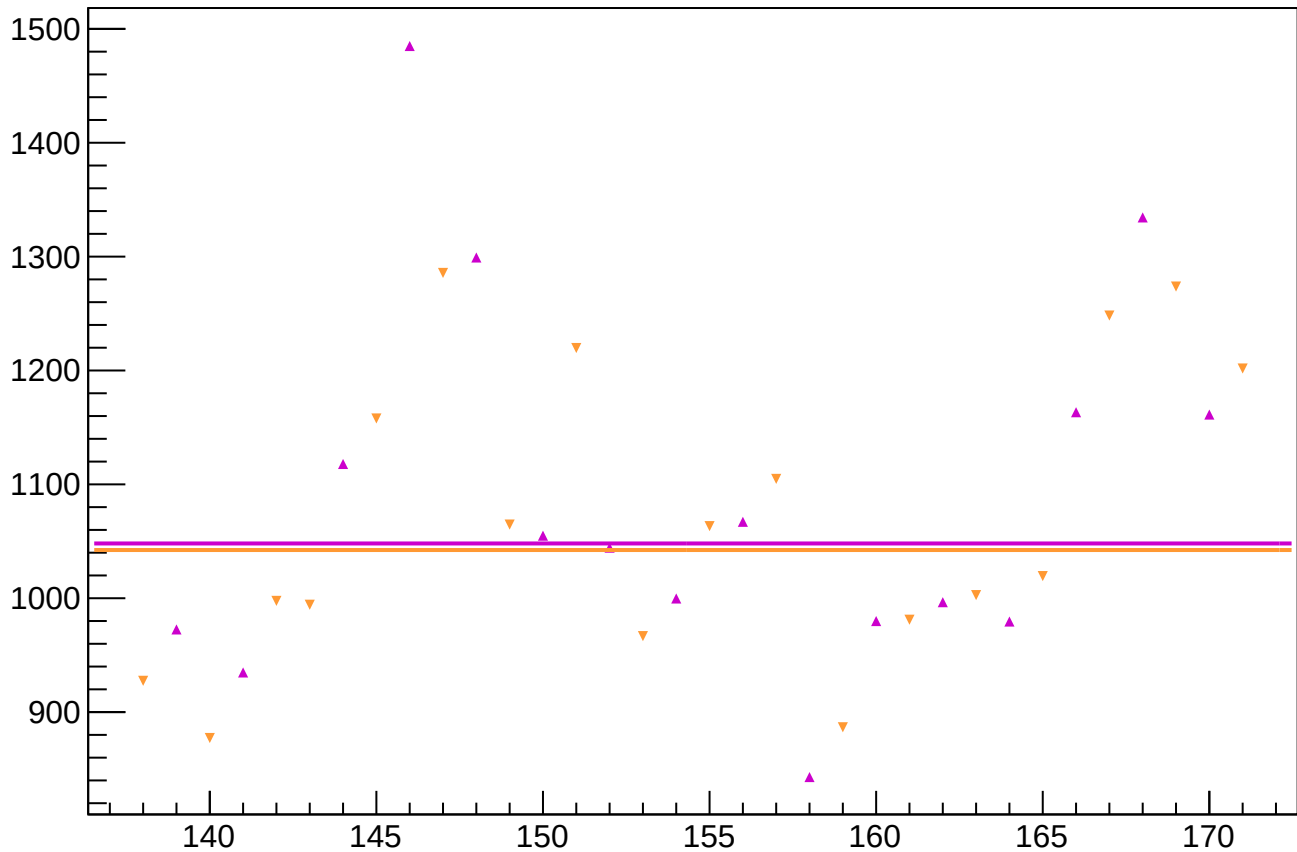
Left In: -296.451+/-298.548 χ^2/NDF : 27.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.491+/-206.743 χ^2/NDF : 59.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 1042.335+/-0.203 χ^2/NDF : 385240.0/17

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

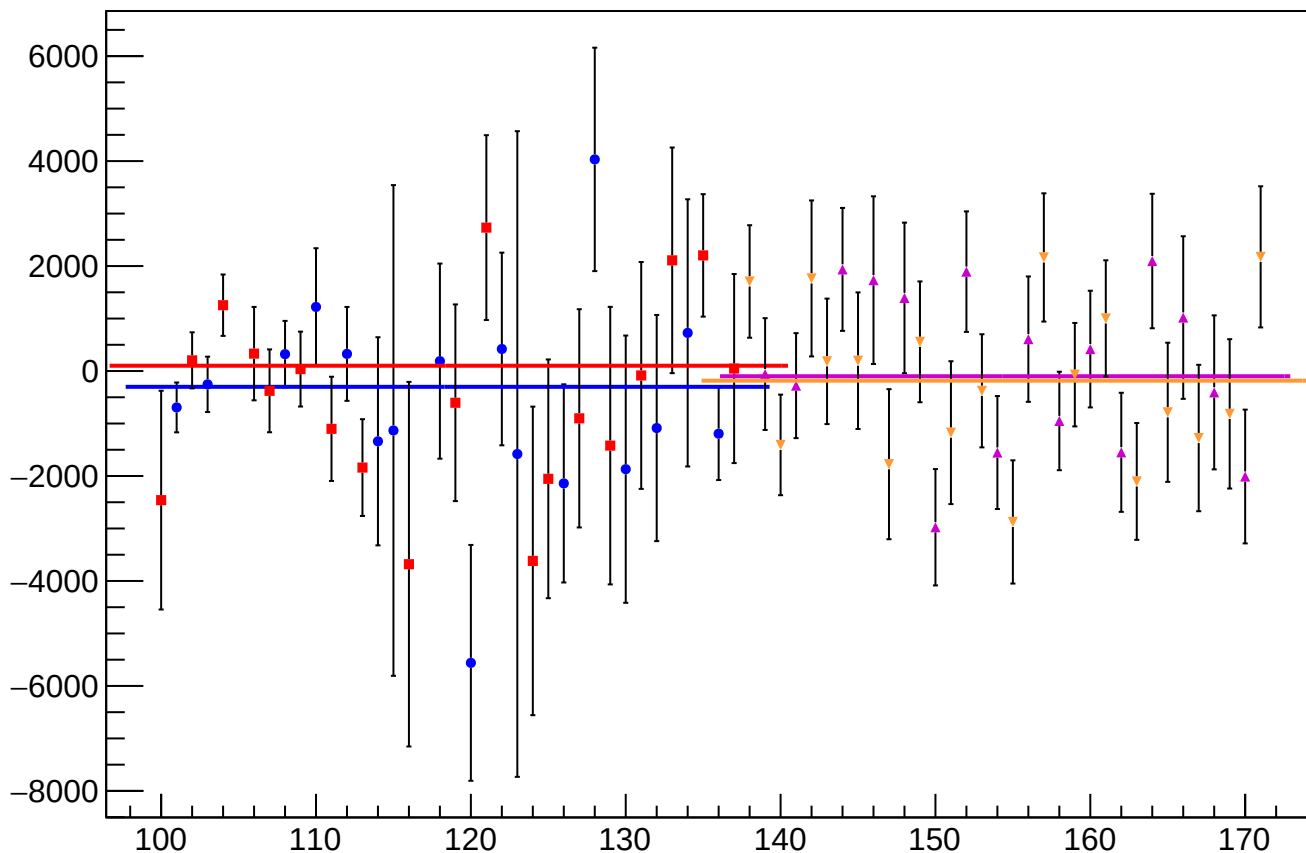
Left In: 1048.107+/-0.211 χ^2/NDF : 462817.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.103+/-0.146 χ^2/NDF : 848446.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: -183.905 ± 282.557 χ^2/NDF : 26.0/17

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

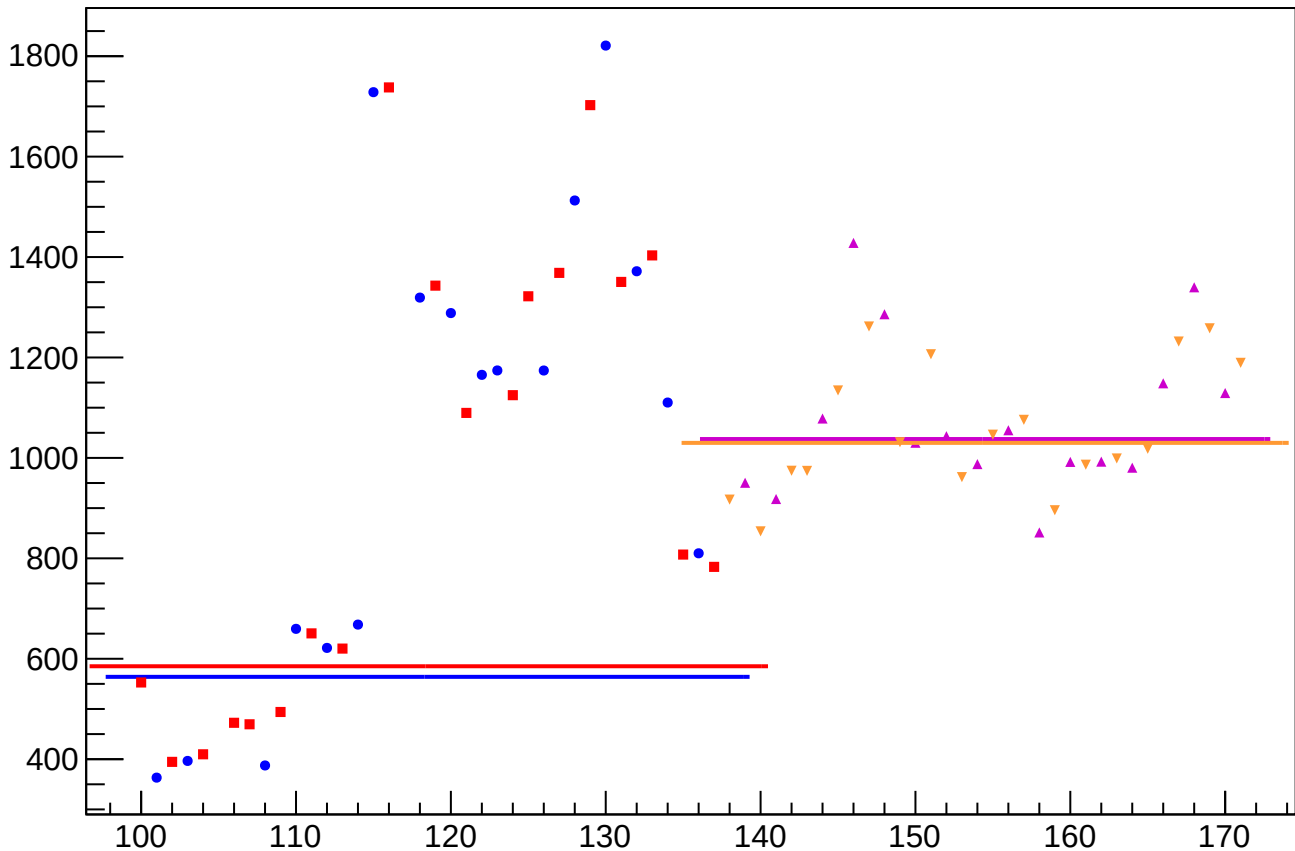
Left In: -99.097 ± 295.480 χ^2/NDF : 25.8/15

+ sign -249.575 ± 187.252 χ^2/NDF : 43.0/34

All: -116.565 ± 133.037 χ^2/NDF : 92.6/69

- sign 19.008 ± 189.047 χ^2/NDF : 48.6/34

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1029.942 $\pm$ 0.200 χ^2 /NDF: 370598.9/17

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

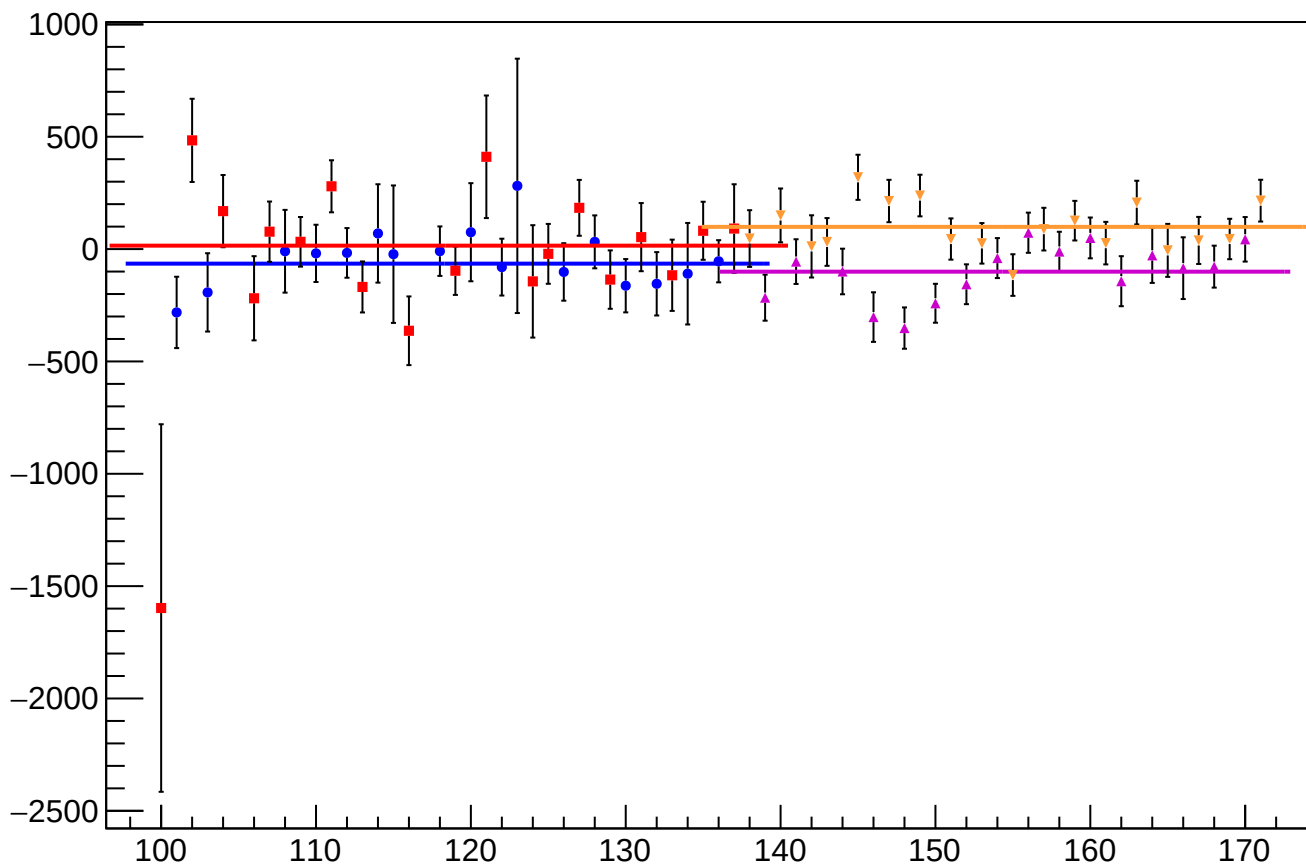
Left In: 1037.590 $\pm$ 0.209 χ^2 /NDF: 423332.0/15

+ sign 768.633 $\pm$ 0.132 χ^2 /NDF: 6682096.3/34

All: 769.461 $\pm$ 0.094 χ^2 /NDF: 12697039.2/69

- sign 770.304 $\pm$ 0.134 χ^2 /NDF: 6014864.1/34

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 98.893 ± 23.447 χ^2/NDF : 21.1/17

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

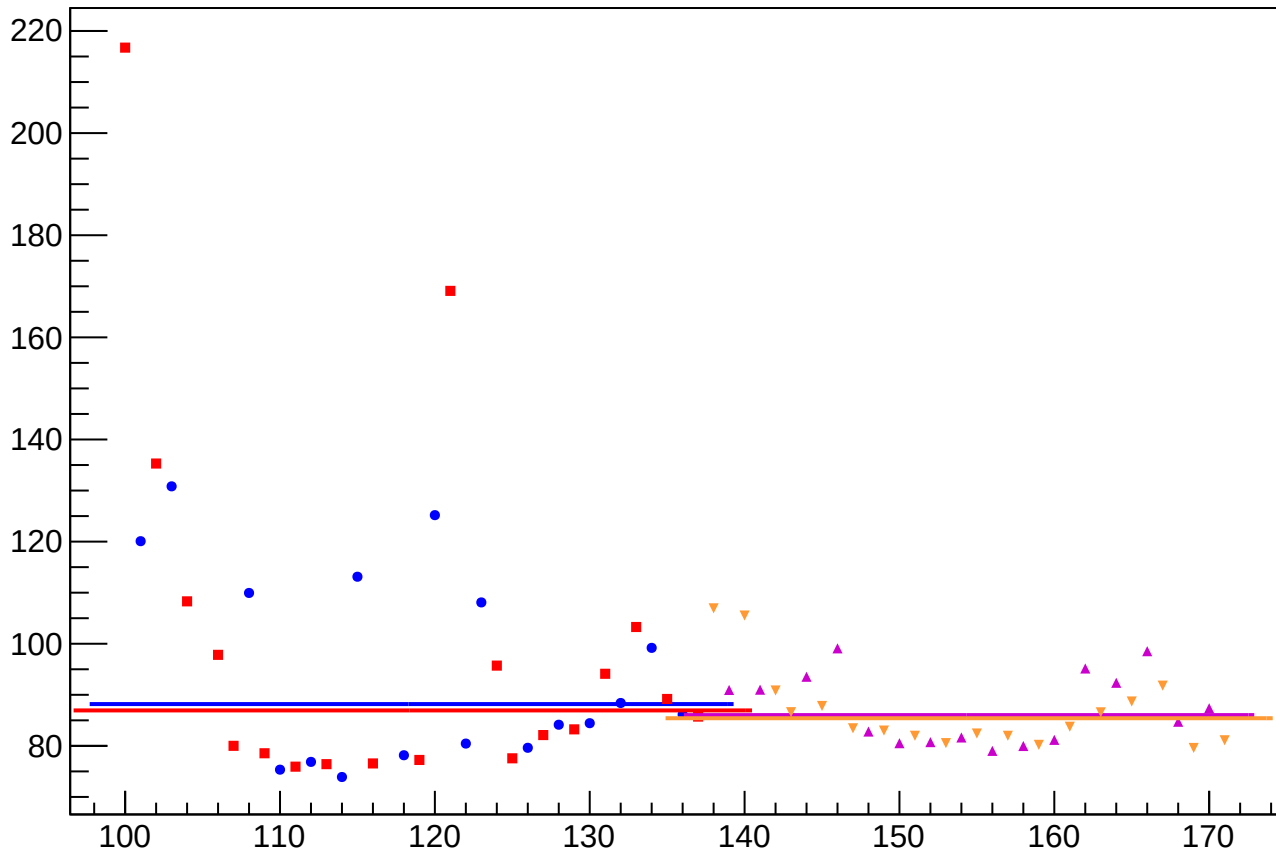
Left In: -100.511 ± 24.448 χ^2/NDF : 26.0/15

+ sign 47.440 ± 19.415 χ^2/NDF : 42.6/34

All: -5.482 ± 13.839 χ^2/NDF : 126.5/69

- sign -60.145 ± 19.732 χ^2/NDF : 68.8/34

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2 /NDF: 394447.7/16

Left Out: 85.414+/-0.017 χ^2 /NDF: 164066.2/17

Right Out: 86.943+/-0.024 χ^2 /NDF: 531359.9/18

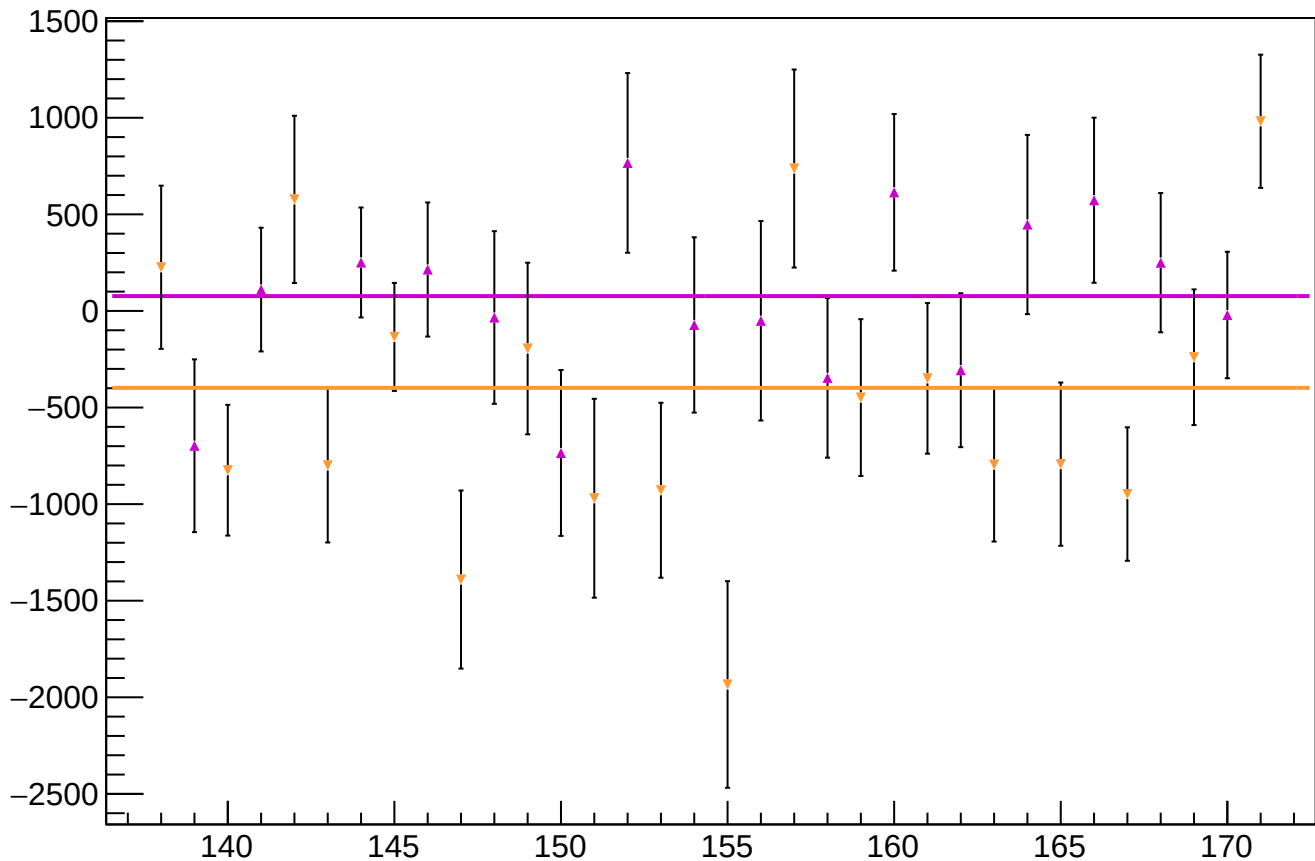
Left In: 86.027+/-0.017 χ^2 /NDF: 134708.6/15

+ sign 86.286+/-0.014 χ^2 /NDF: 567299.6/34

All: 86.315+/-0.010 χ^2 /NDF: 1234355.9/69

- sign 86.346+/-0.014 χ^2 /NDF: 667046.7/34

asym_sam7_correction_mean vs Slug



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

Left Out: -398.089 $\pm$ 93.683 χ^2 /NDF: 52.0/17

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

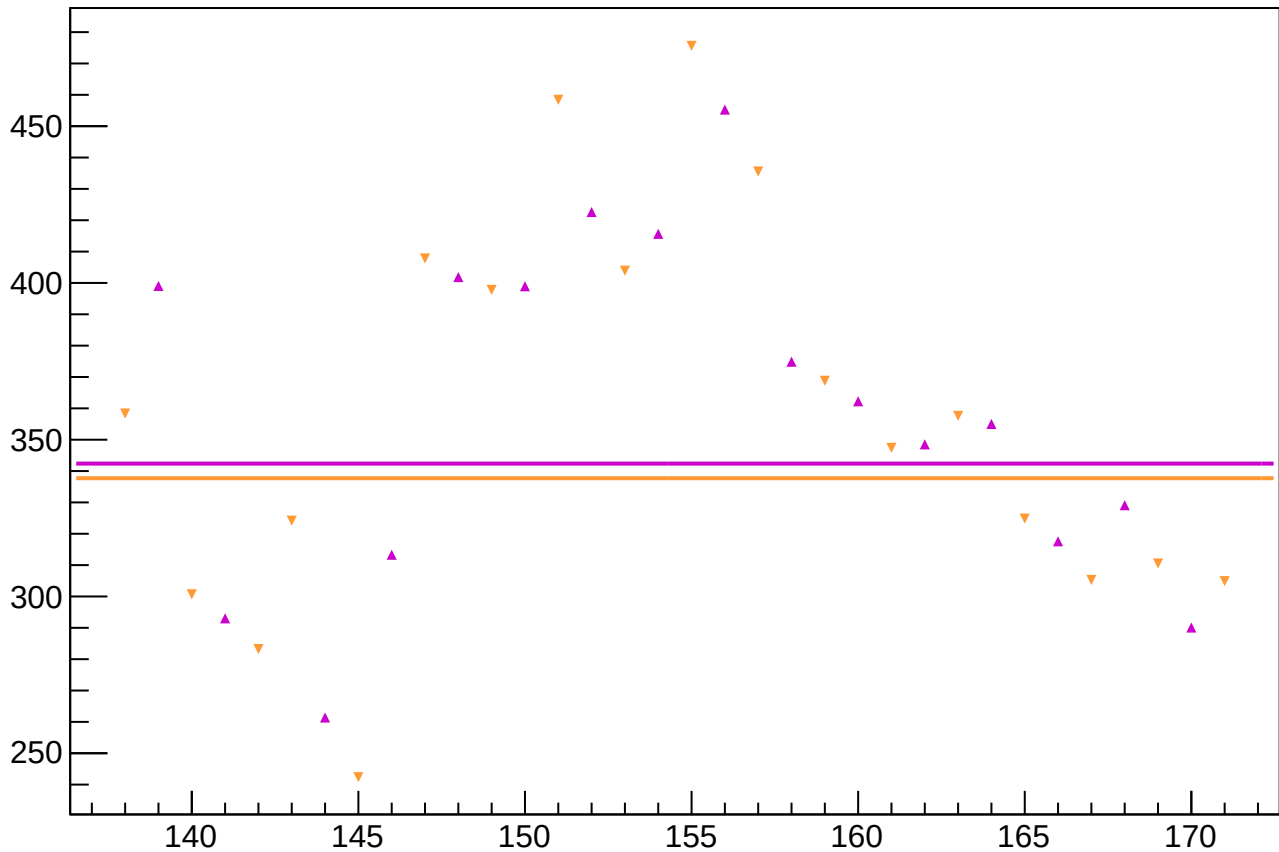
Left In: 76.800 $\pm$ 97.844 χ^2 /NDF: 15.6/15

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

All: -170.958 $\pm$ 67.667 χ^2 /NDF: 79.9/33

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

asym_sam7_correction_rms vs Slug



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

Left Out: 337.721+/-0.066 χ^2/NDF : 804342.4/17

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

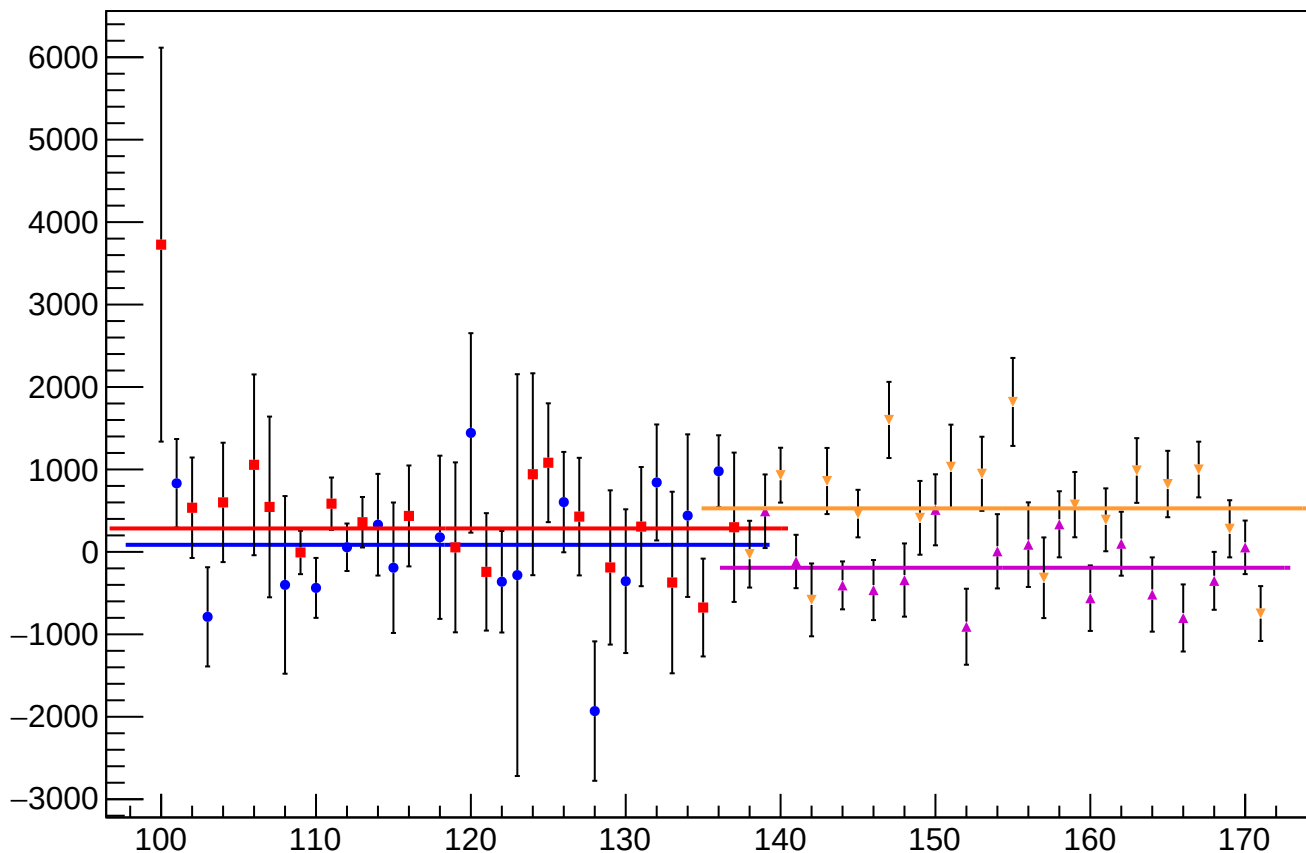
Left In: 342.381+/-0.069 χ^2/NDF : 612769.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.950+/-0.048 χ^2/NDF : 1419478.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810+/-142.601 χ^2 /NDF: 20.6/16

Left Out: 528.041+/-92.576 χ^2 /NDF:45.7/17

Right Out: 284.456+/-129.599 χ^2 /NDF: 10.6/18

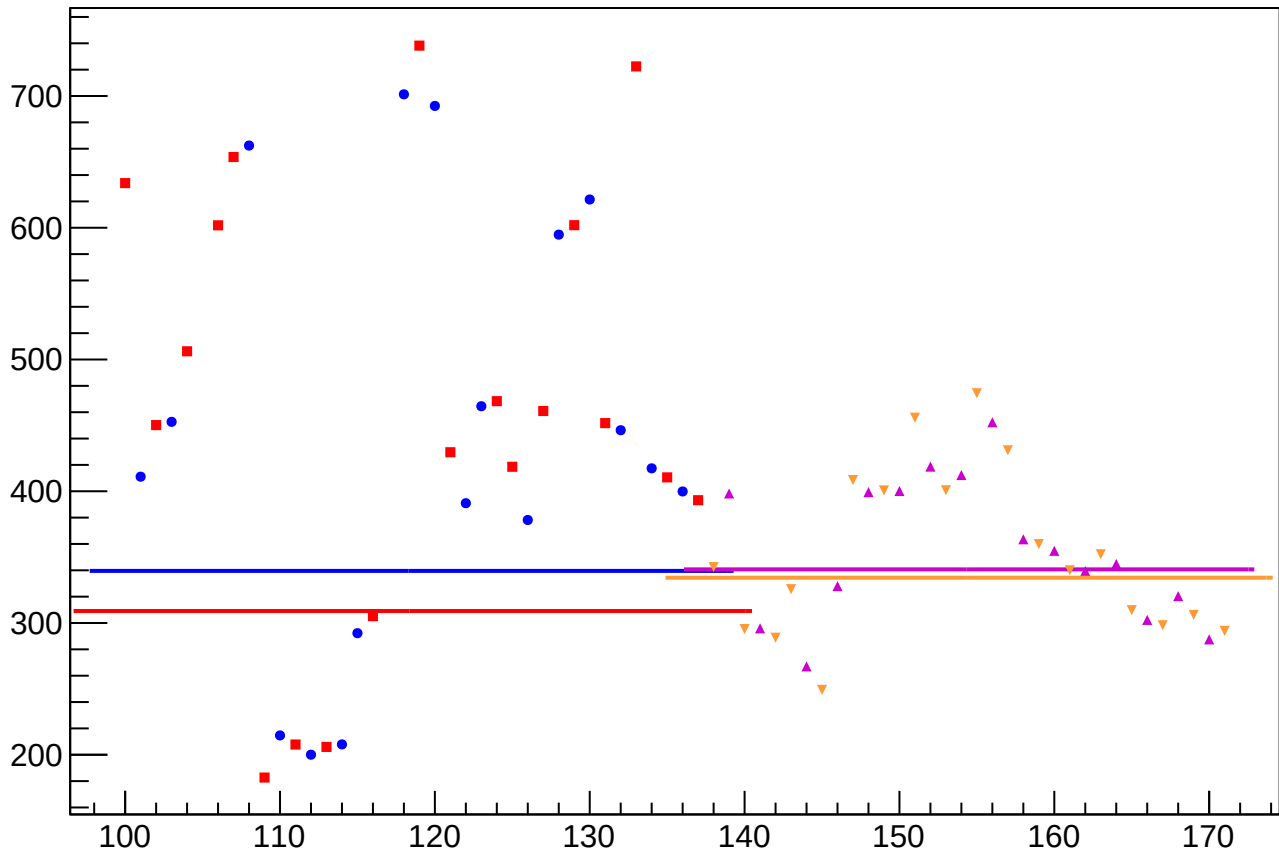
Left In: -192.629+/-97.316 χ^2 /NDF:15.9/15

+ sign 396.921+/-77.648 χ^2 /NDF: 73.0/34

All: 188.612+/-54.966 χ^2 /NDF: 122.6/69

- sign -20.614+/-77.819 χ^2 /NDF: 35.2/34

asym_sam7_rms vs Slug



Right In: 339.553 ± 0.101 $\chi^2/\text{NDF}: 2042244.1/16$

Left Out: 334.388 ± 0.065 $\chi^2/\text{NDF}: 778144.9/17$

Right Out: 309.105 ± 0.092 $\chi^2/\text{NDF}: 2730308.7/18$

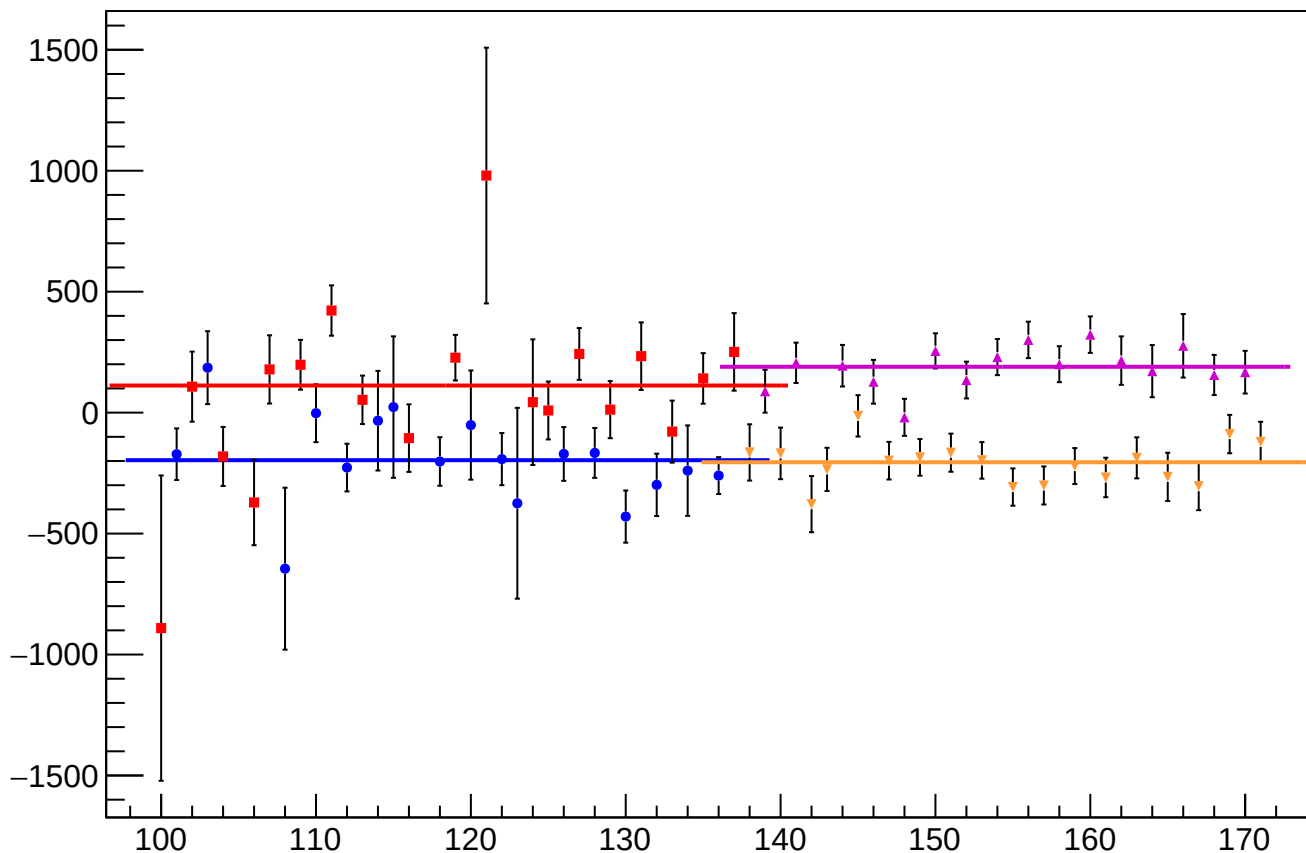
Left In: 340.712 ± 0.069 $\chi^2/\text{NDF}: 565062.3/15$

+ sign 335.920 ± 0.055 $\chi^2/\text{NDF}: 2822234.2/34$

All: 332.625 ± 0.039 $\chi^2/\text{NDF}: 6200888.7/69$

- sign 329.316 ± 0.055 $\chi^2/\text{NDF}: 3371437.6/34$

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -204.961 ± 20.085 χ^2/NDF : 16.4/17

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

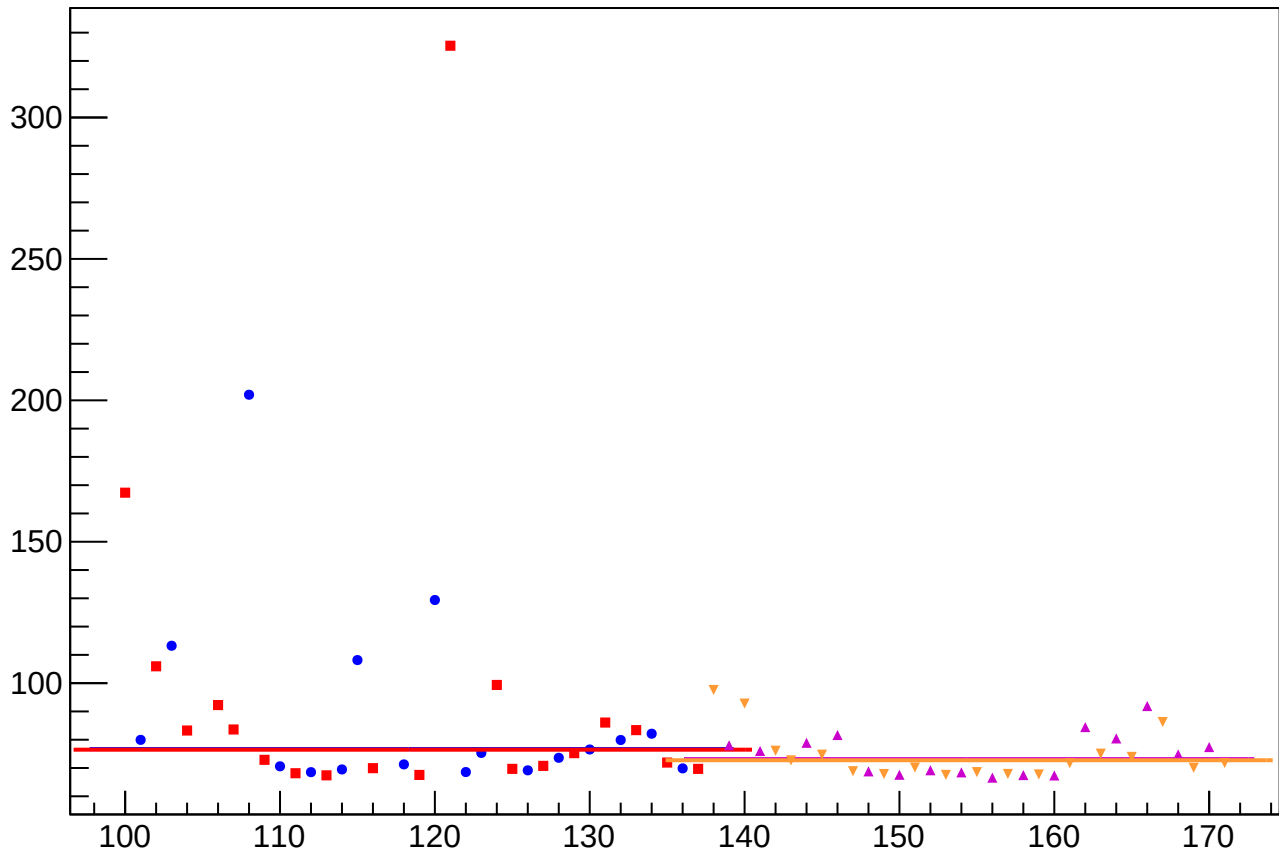
Left In: 189.555 ± 20.888 χ^2/NDF : 17.0/15

+ sign -202.420 ± 16.758 χ^2/NDF : 35.5/34

All: -22.682 ± 11.959 χ^2/NDF : 330.8/69

- sign 163.831 ± 17.071 χ^2/NDF : 60.9/34

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 72.742 $\pm$ 0.014 χ^2 /NDF: 253513.2/17

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

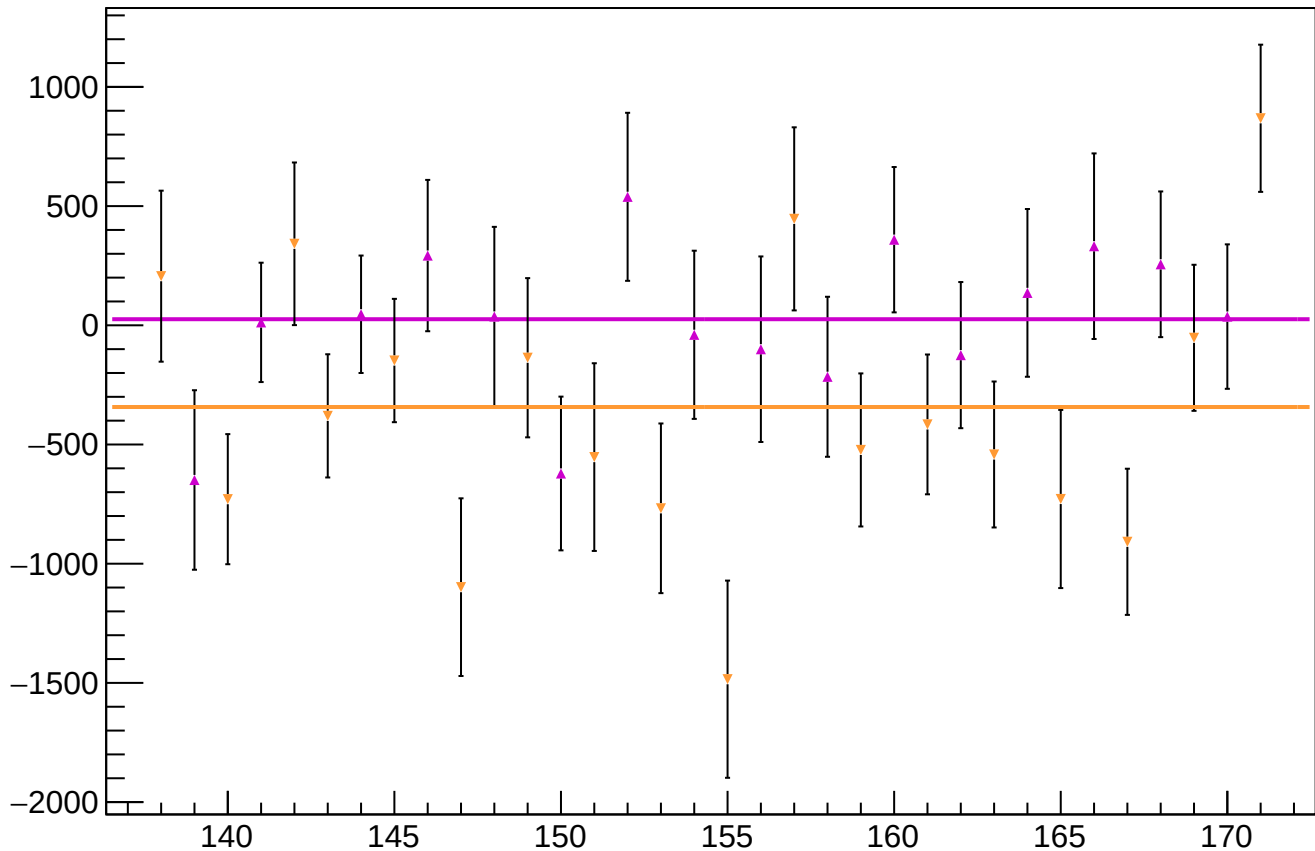
Left In: 73.142 $\pm$ 0.015 χ^2 /NDF: 185956.5/15

+ sign 73.942 $\pm$ 0.012 χ^2 /NDF: 877373.9/34

All: 74.093 $\pm$ 0.008 χ^2 /NDF: 1779975.5/69

- sign 74.250 $\pm$ 0.012 χ^2 /NDF: 902270.0/34

asym_sam8_correction_mean vs Slug



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

Left Out: -342.762+/-75.849 χ^2/NDF : 48.6/17

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

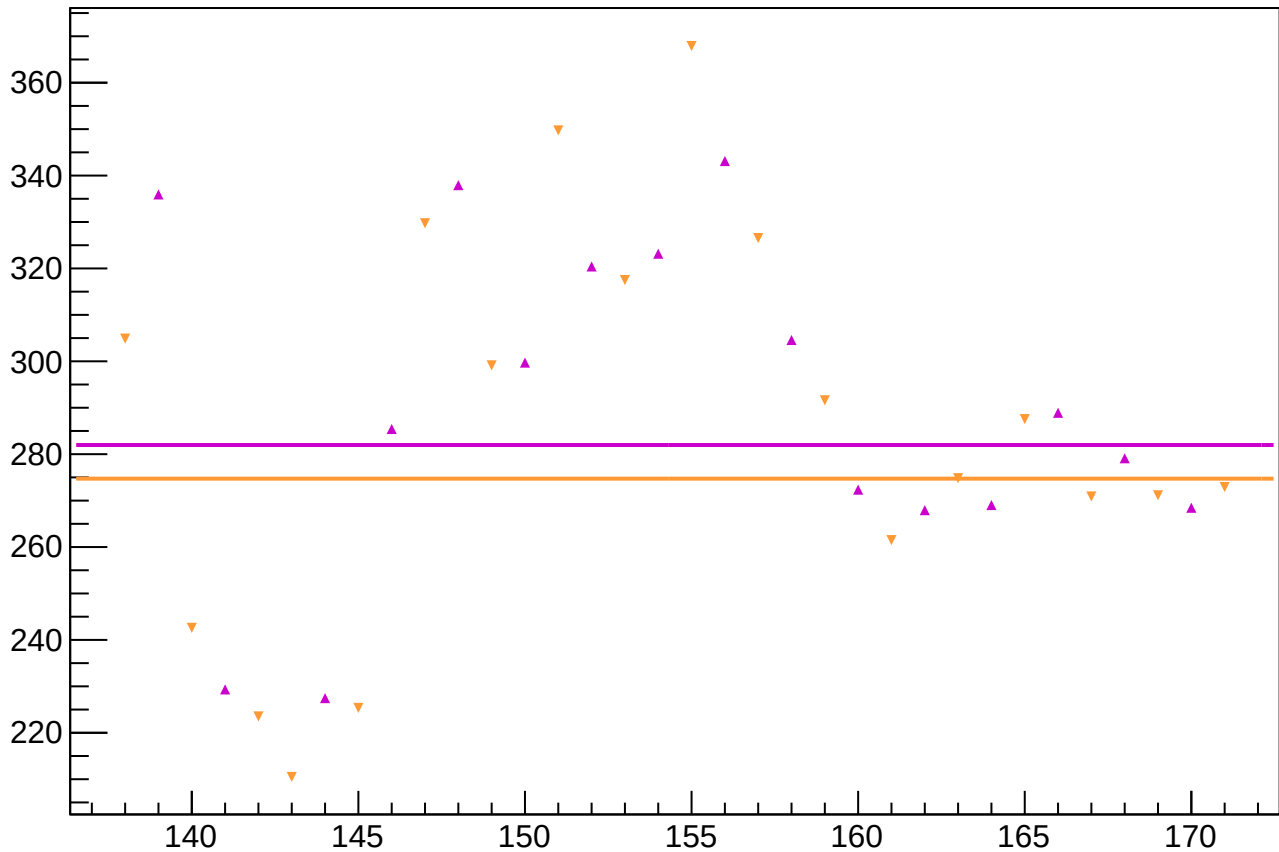
Left In: 25.544+/-80.227 χ^2/NDF : 13.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.930+/-55.116 χ^2/NDF : 73.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 274.730+/-0.054 χ^2/NDF : 589634.7/17

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

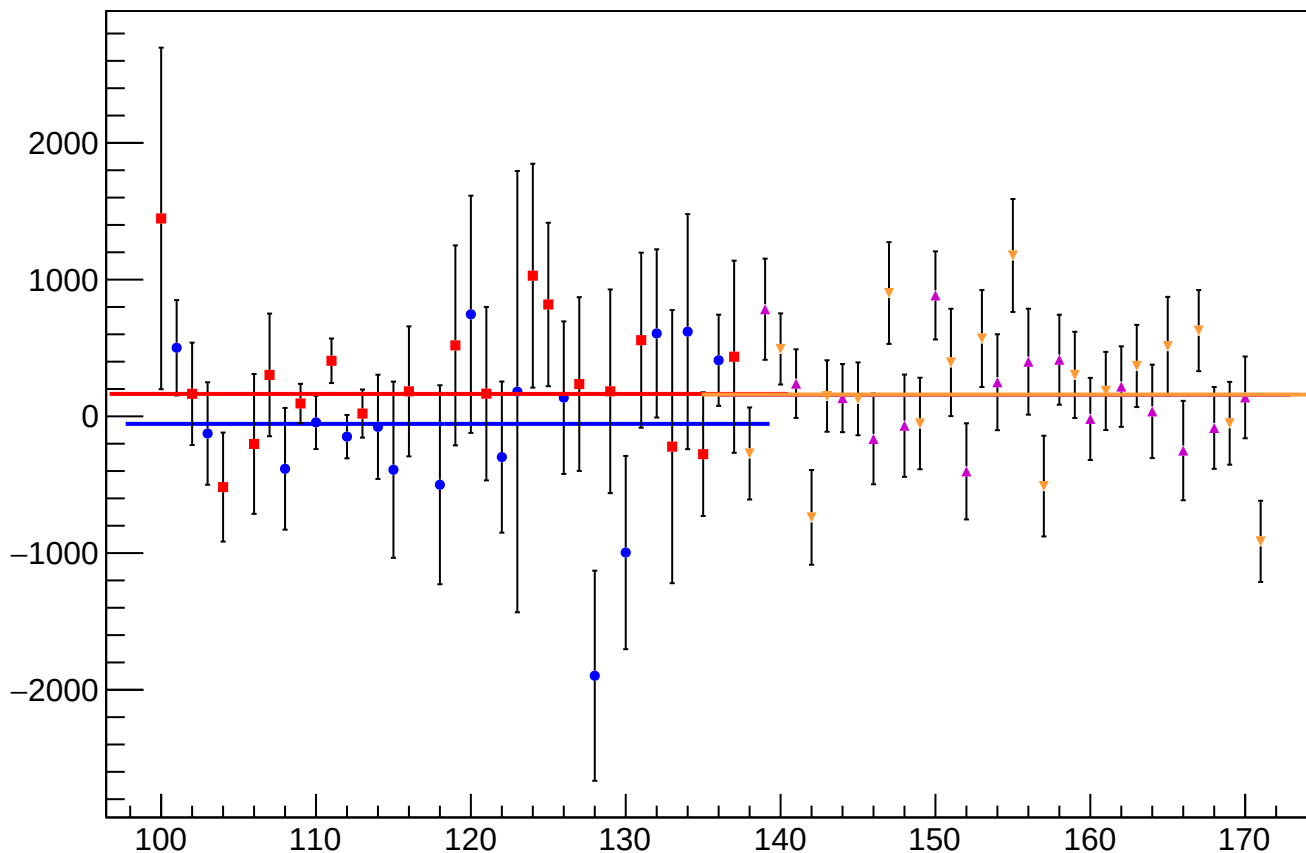
Left In: 281.973+/-0.057 χ^2/NDF : 401285.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.149+/-0.039 χ^2/NDF : 999526.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 159.300 ± 74.702 χ^2/NDF : 43.2/17

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

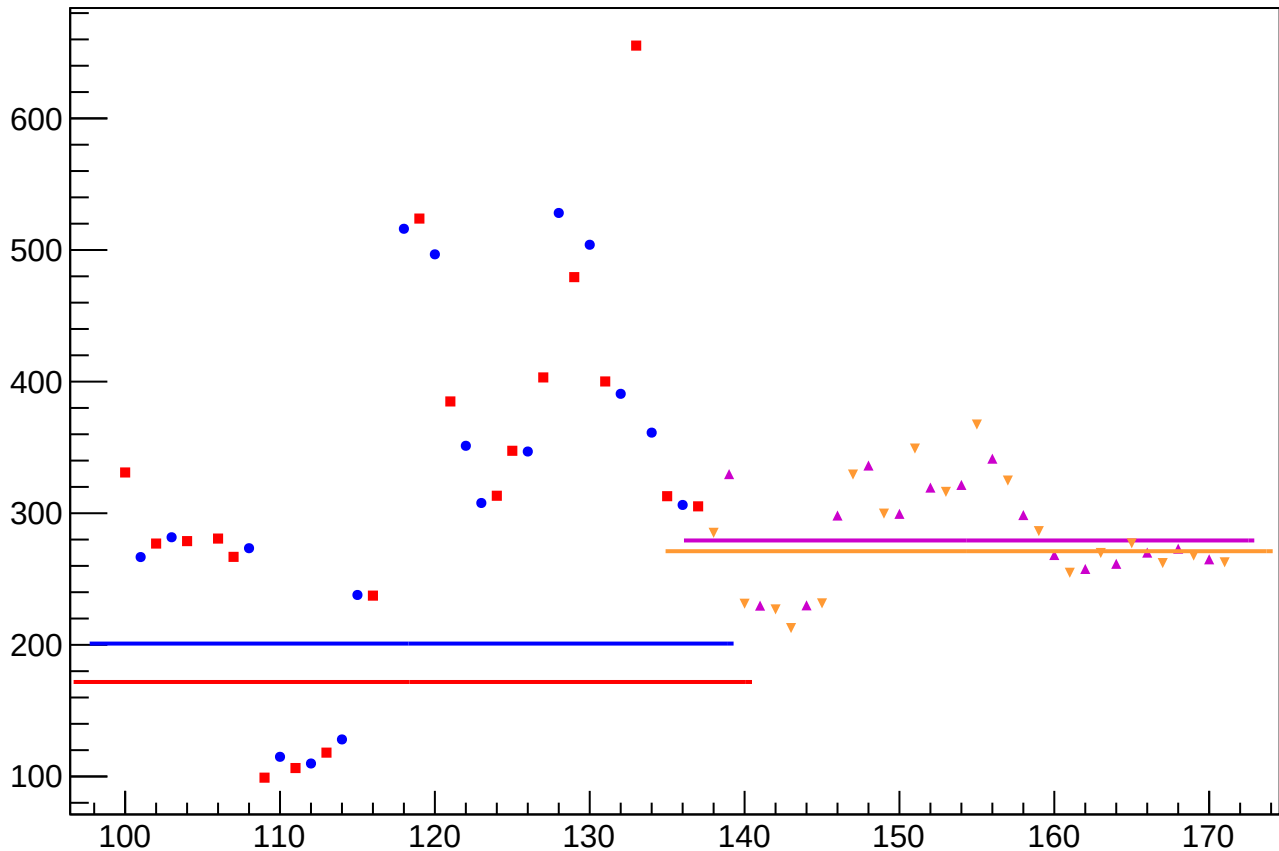
Left In: 156.492 ± 79.463 χ^2/NDF : 15.4/15

+ sign 72.319 ± 57.574 χ^2/NDF : 63.1/34

All: 118.185 ± 39.868 χ^2/NDF : 91.6/69

- sign 160.442 ± 55.262 χ^2/NDF : 27.3/34

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 271.154+/-0.053 χ^2/NDF : 568599.2/17

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

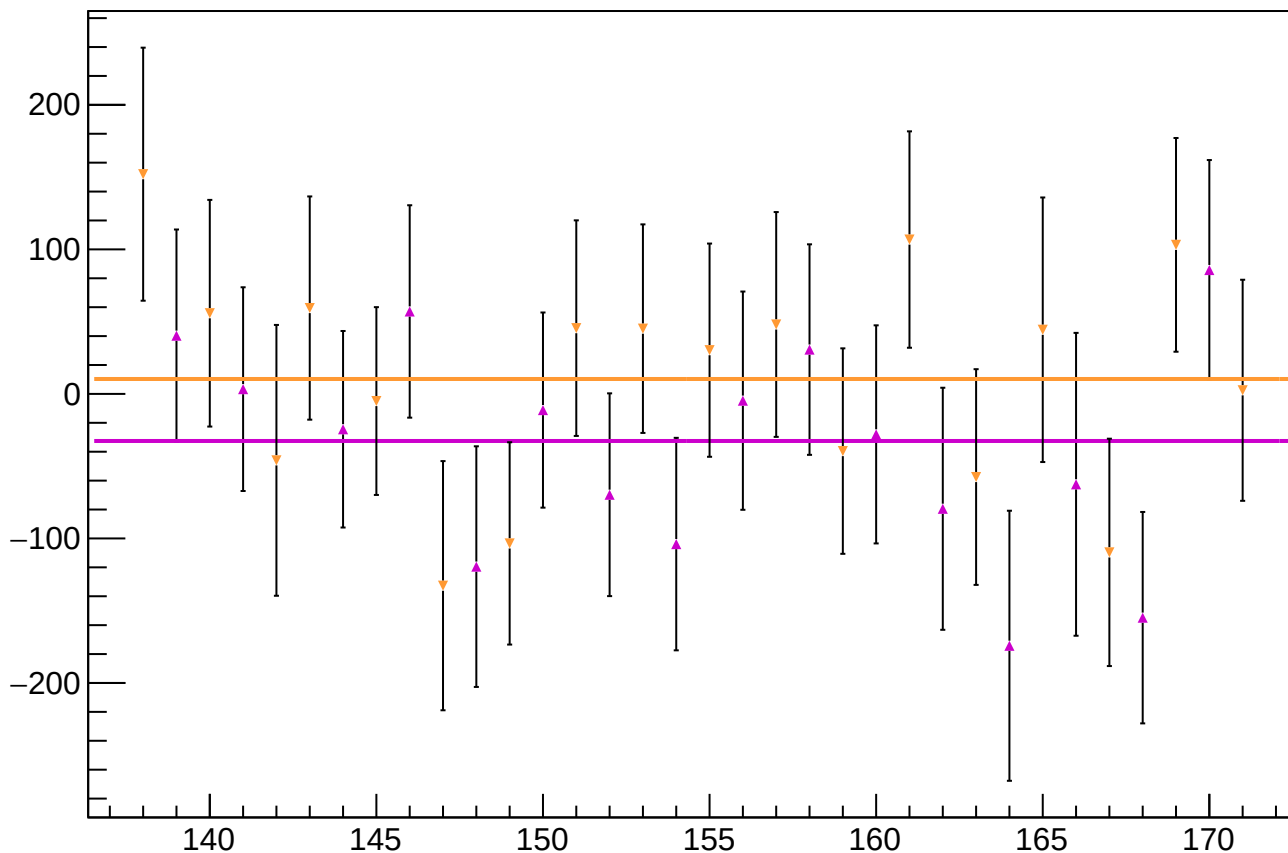
Left In: 279.311+/-0.056 χ^2/NDF : 393062.3/15

+ sign 242.658+/-0.041 χ^2/NDF : 4721496.6/34

All: 232.839+/-0.028 χ^2/NDF : 11209640.2/69

- sign 223.793+/-0.039 χ^2/NDF : 6376371.2/34

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 10.325 $\pm$ 18.071 χ^2 /NDF:17.0/17

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

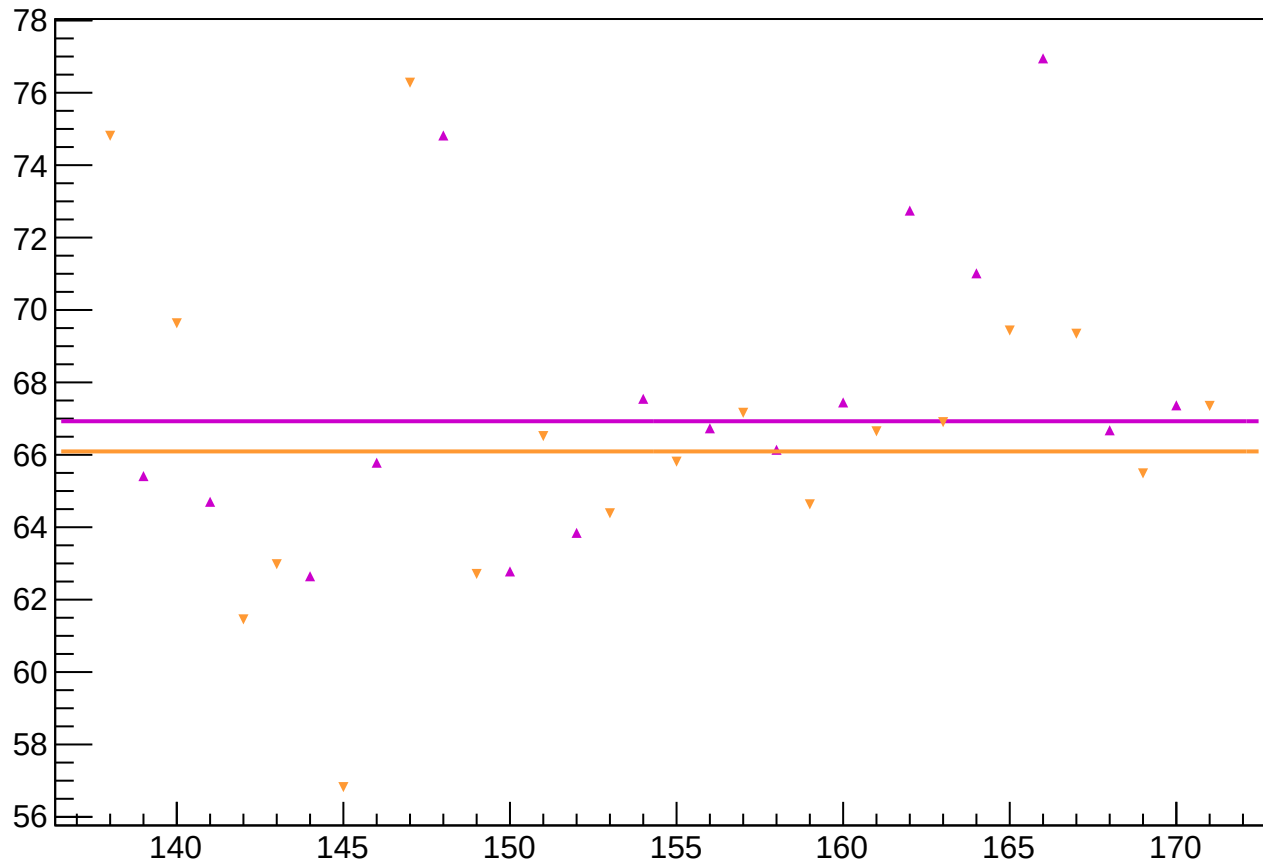
Left In: -32.570 $\pm$ 18.941 χ^2 /NDF:14.0/15

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

All: -10.116 $\pm$ 13.075 χ^2 /NDF: 33.6/33

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 66.094+/-0.013 χ^2/NDF :114915.8/17

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

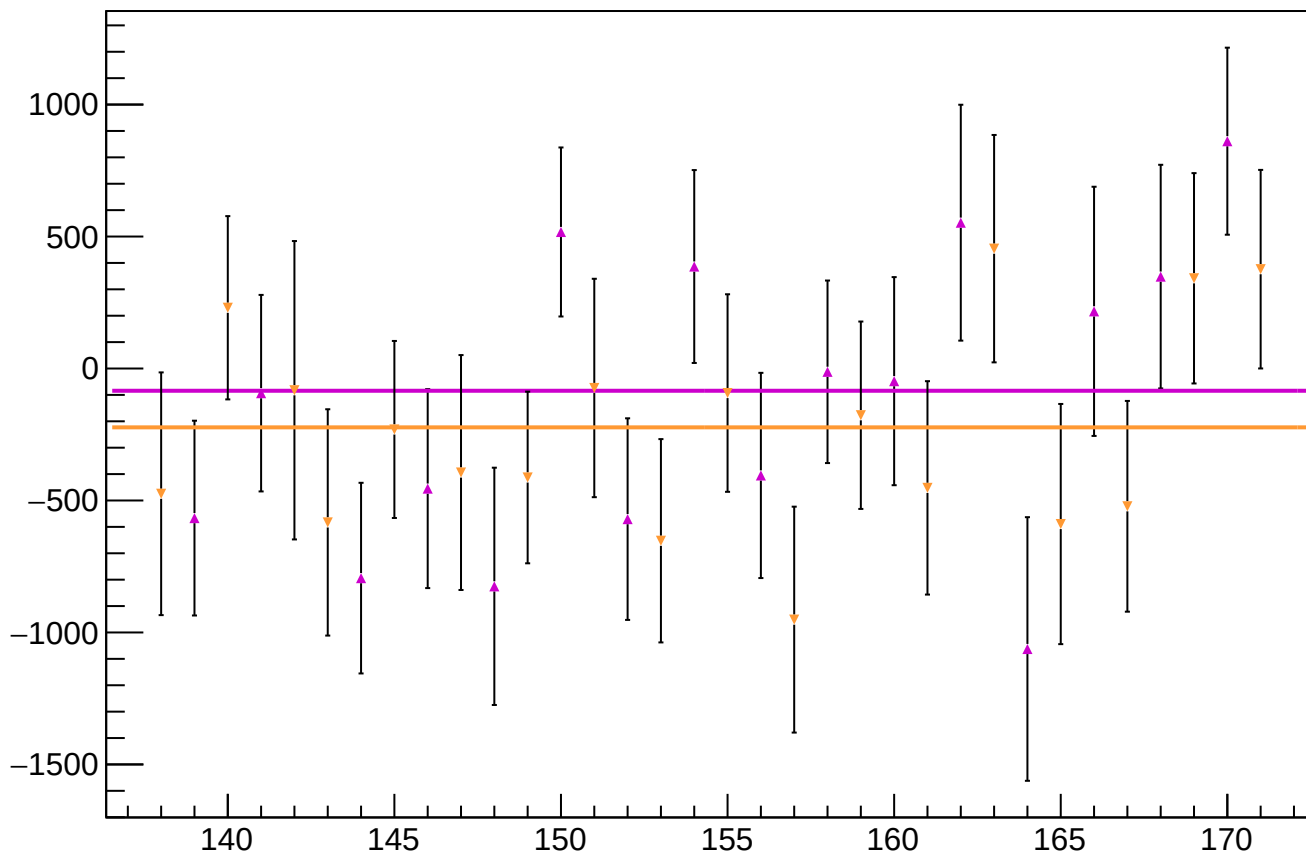
Left In: 66.927+/-0.013 χ^2/NDF :72997.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.491+/-0.009 χ^2/NDF : 189940.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -222.935 $\pm$ 93.619 χ^2 /NDF:16.2/17

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

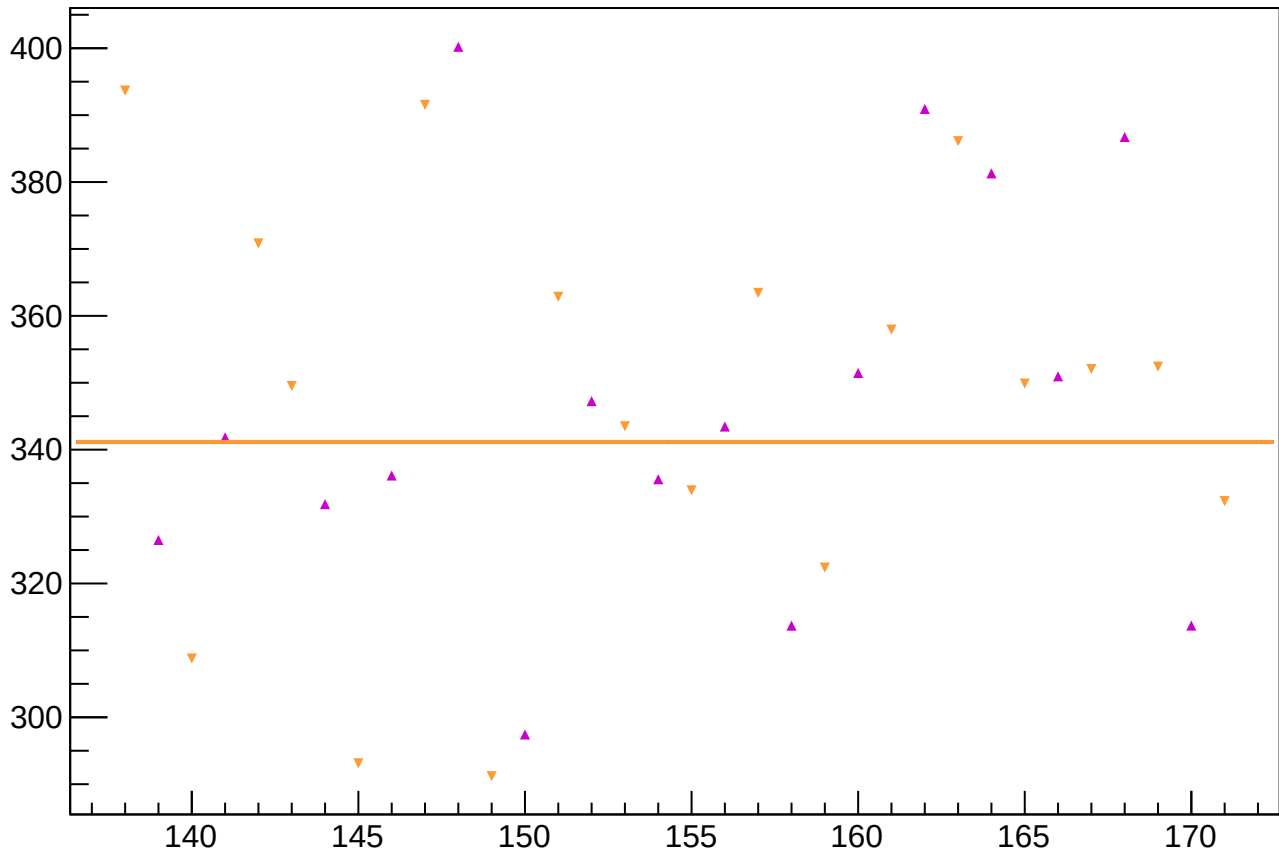
Left In: -84.296 $\pm$ 96.773 χ^2 /NDF:31.2/15

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

All: -155.912 $\pm$ 67.286 χ^2 /NDF: 48.5/33

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

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 341.156+/-0.066 χ^2/NDF : 211105.5/17

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

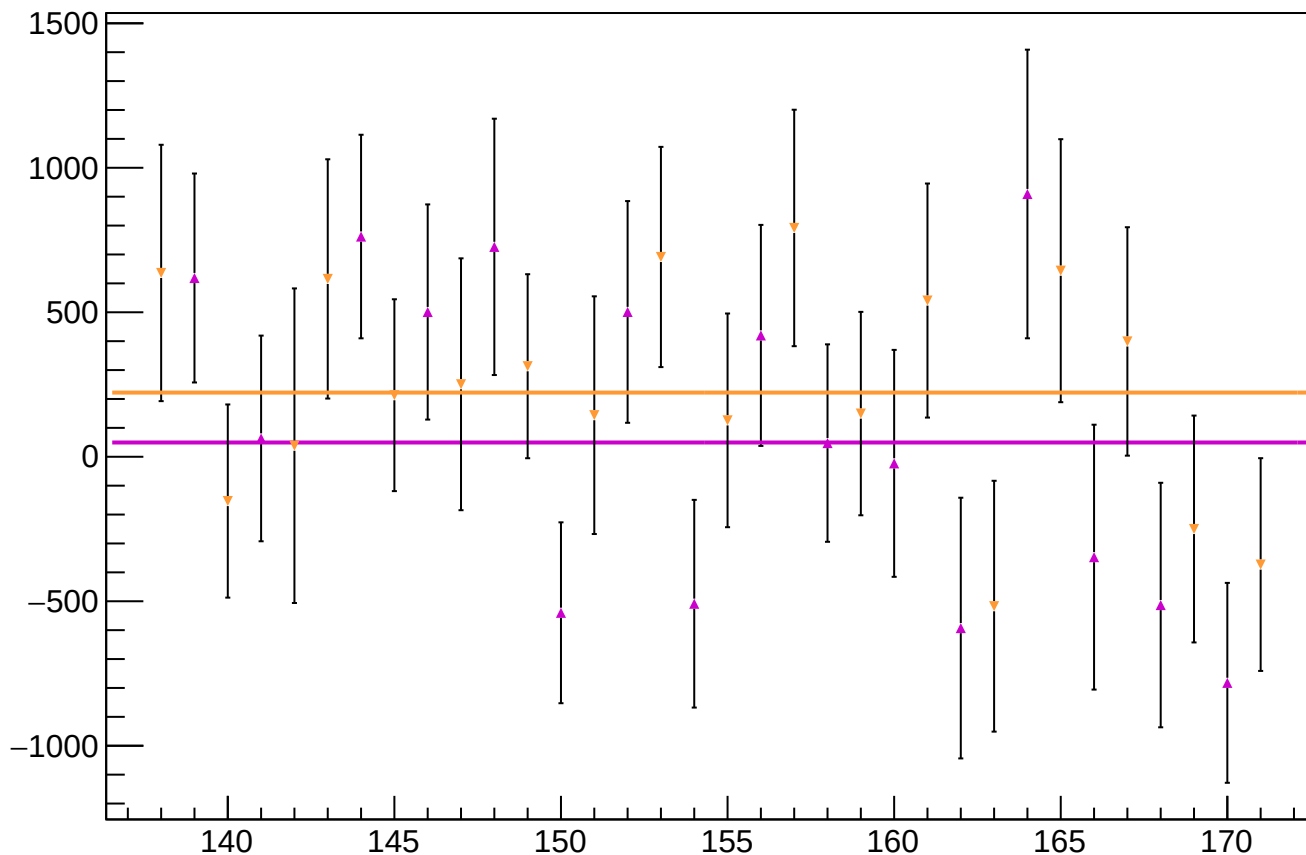
Left In: 341.140+/-0.068 χ^2/NDF : 165437.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.148+/-0.048 χ^2/NDF : 376543.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 222.117+/-92.010 χ^2/NDF :15.5/17

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

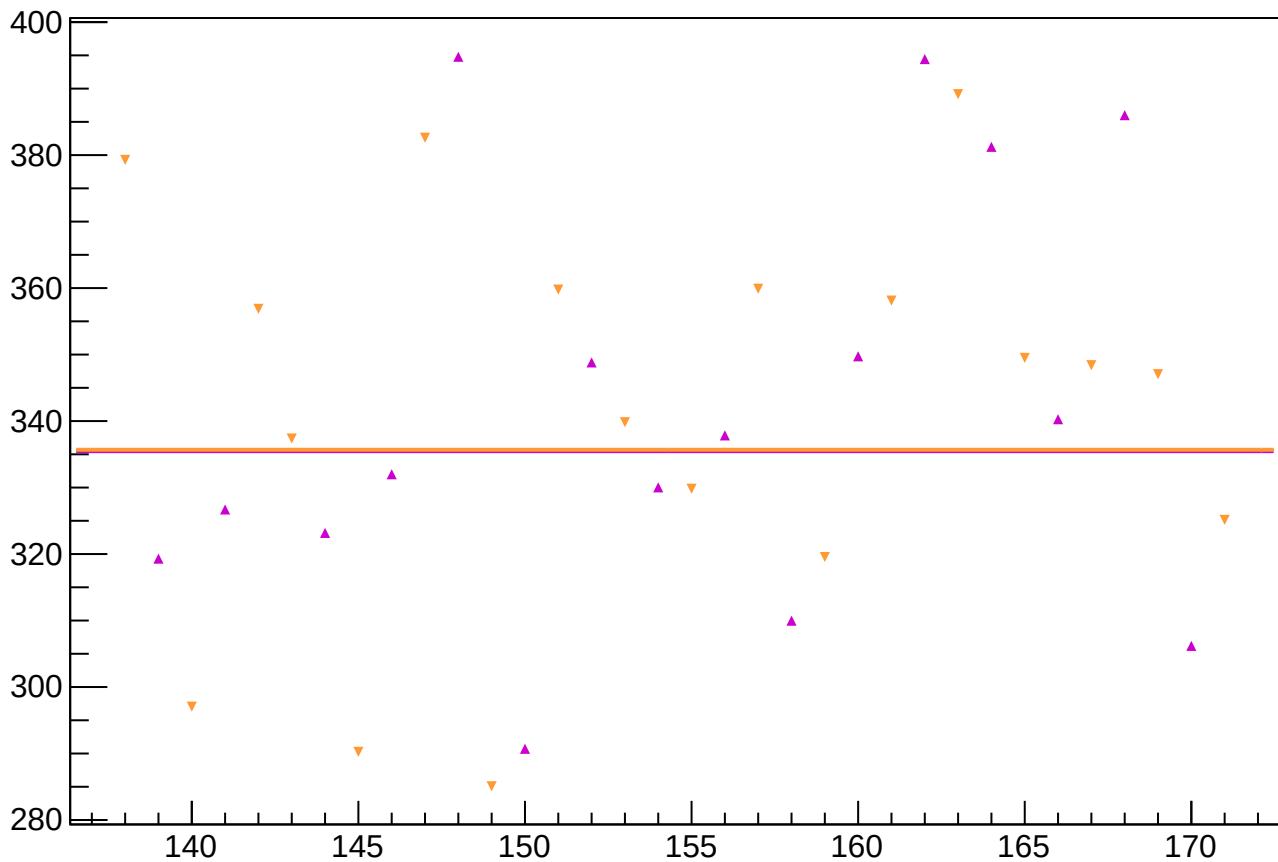
Left In: 49.389+/-95.269 χ^2/NDF :32.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.758+/-66.183 χ^2/NDF : 49.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 335.684+/-0.065 χ^2/NDF : 222878.5/17

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

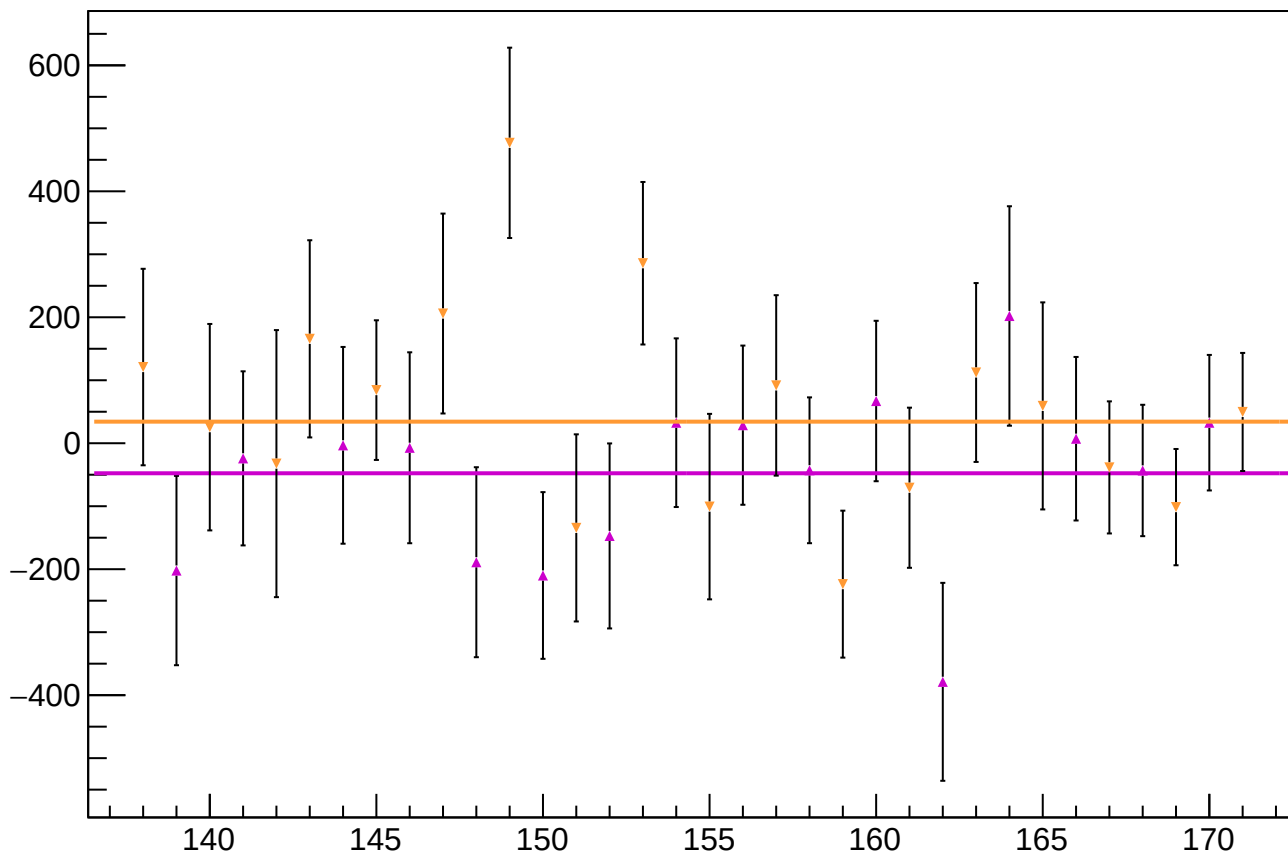
Left In: 335.477+/-0.067 χ^2/NDF : 195310.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.584+/-0.047 χ^2/NDF : 418193.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 34.278+/-30.854 χ^2/NDF : 25.7/17

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

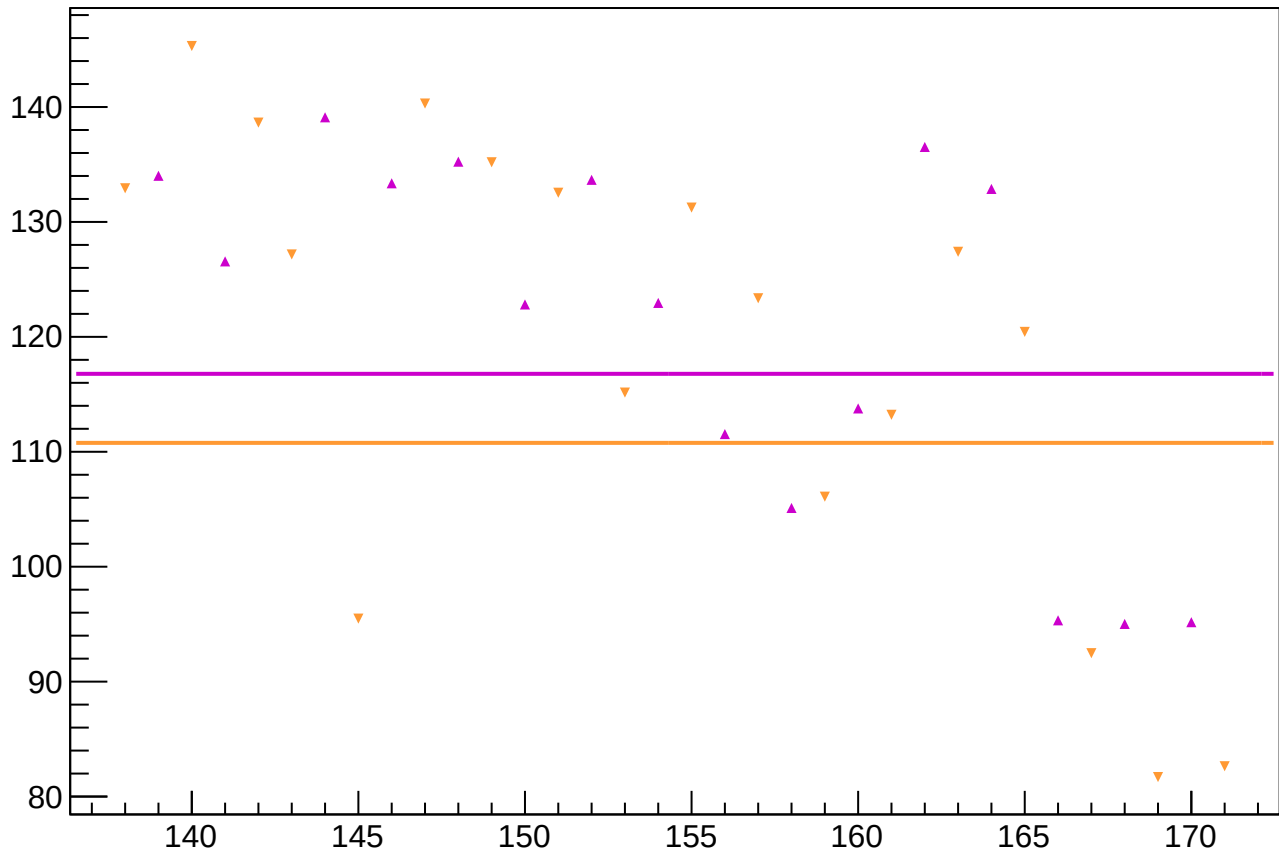
Left In: -47.681+/-33.440 χ^2/NDF : 12.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.410+/-22.676 χ^2/NDF : 41.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 110.776+/-0.022 χ^2/NDF : 922296.5/17

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

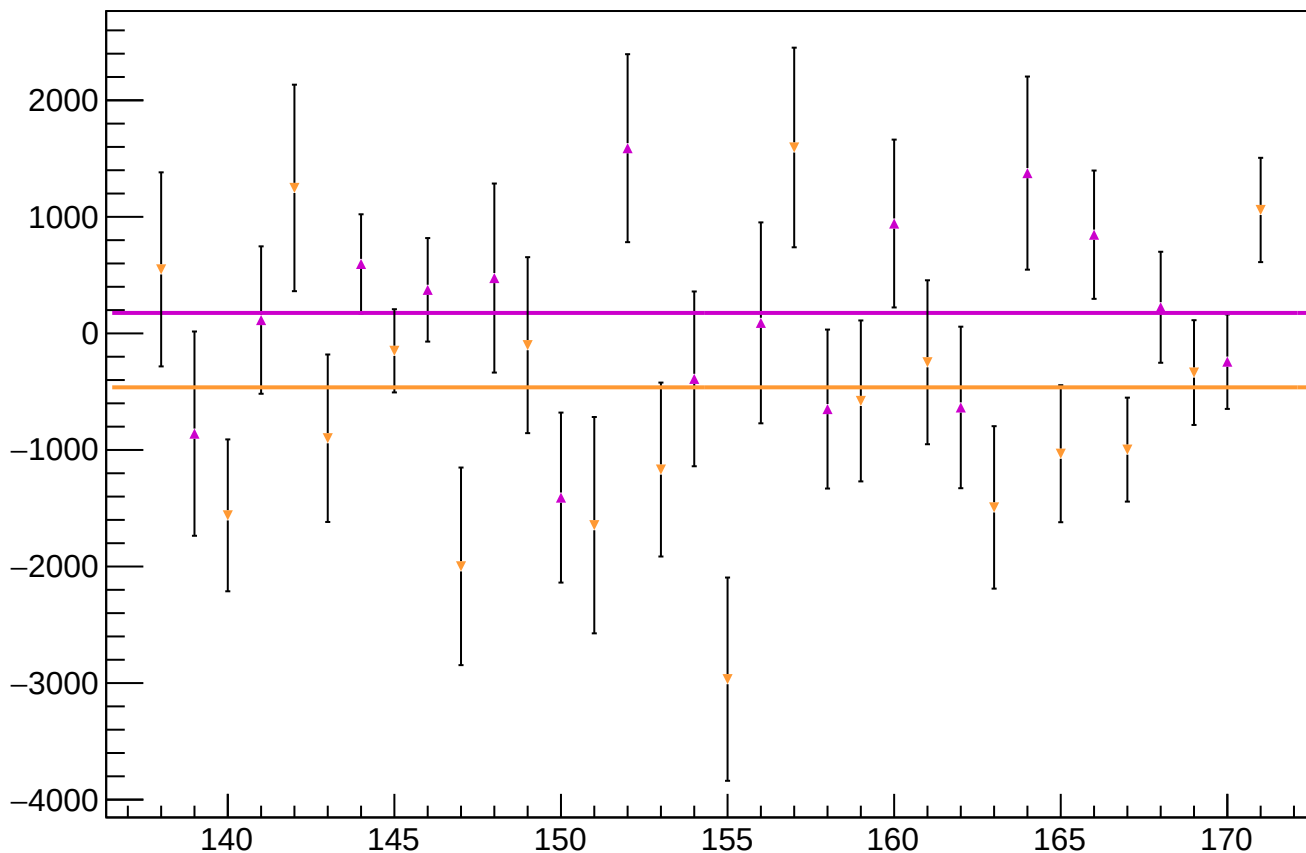
Left In: 116.783+/-0.024 χ^2/NDF : 461715.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.538+/-0.016 χ^2/NDF : 1418877.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -462.700 $\pm$ 144.812 χ^2 /NDF:45.6/17

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

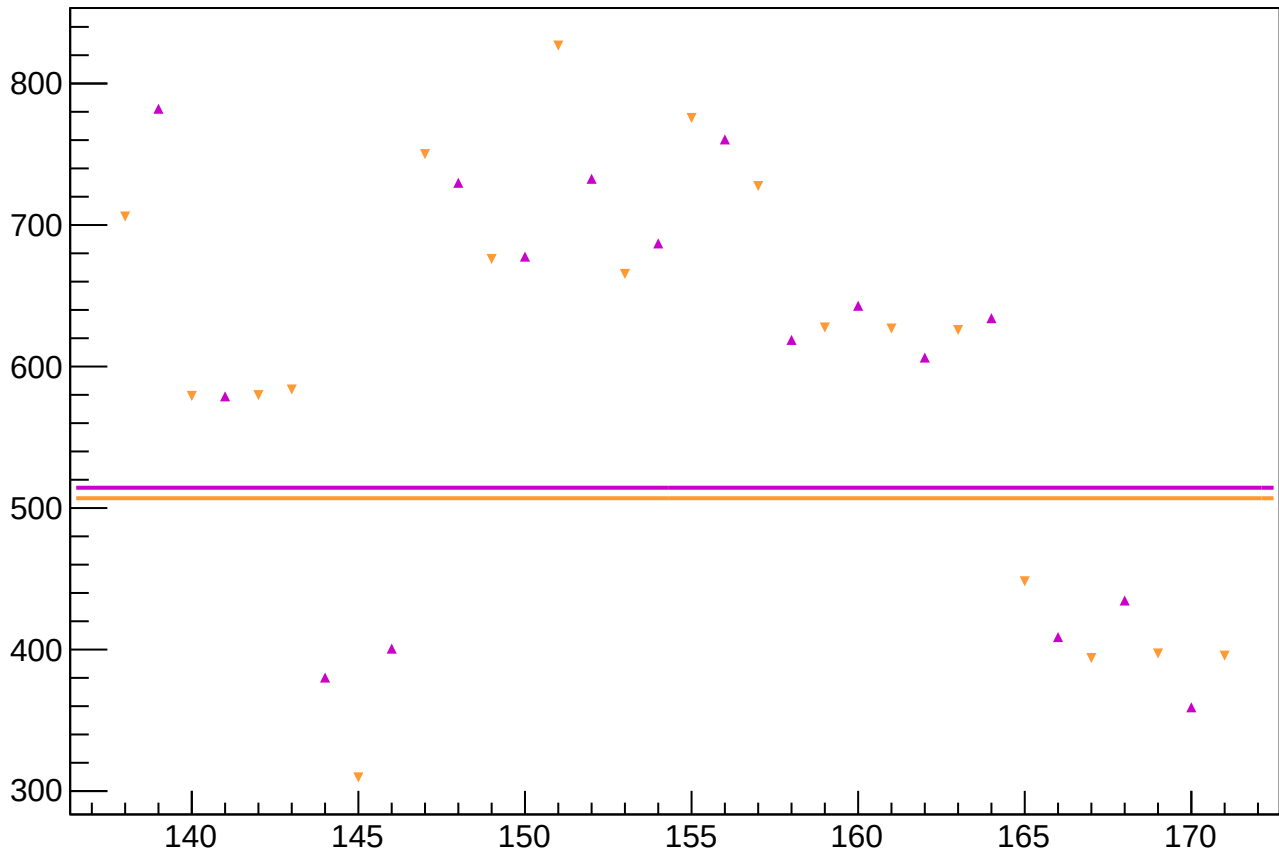
Left In: 175.707 $\pm$ 151.004 χ^2 /NDF:19.7/15

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

All: -156.853 $\pm$ 104.518 χ^2 /NDF: 74.6/33

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

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 506.936+/-0.102 χ^2/NDF :2269866.4/17

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

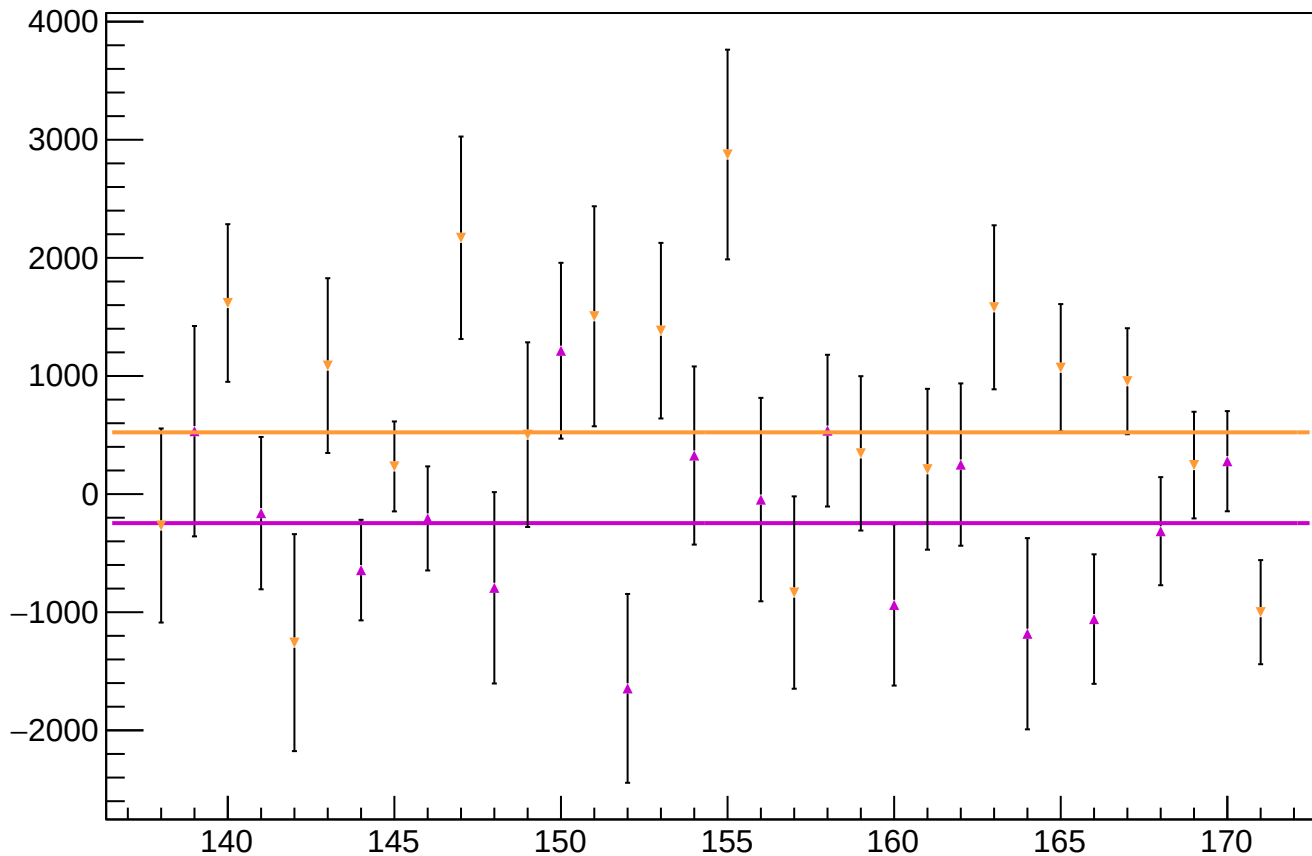
Left In: 514.356+/-0.107 χ^2/NDF :1804281.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.491+/-0.074 χ^2/NDF : 4076663.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug



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

Left Out: 522.942 $\pm$ 145.232 χ^2 /NDF:41.4/17

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

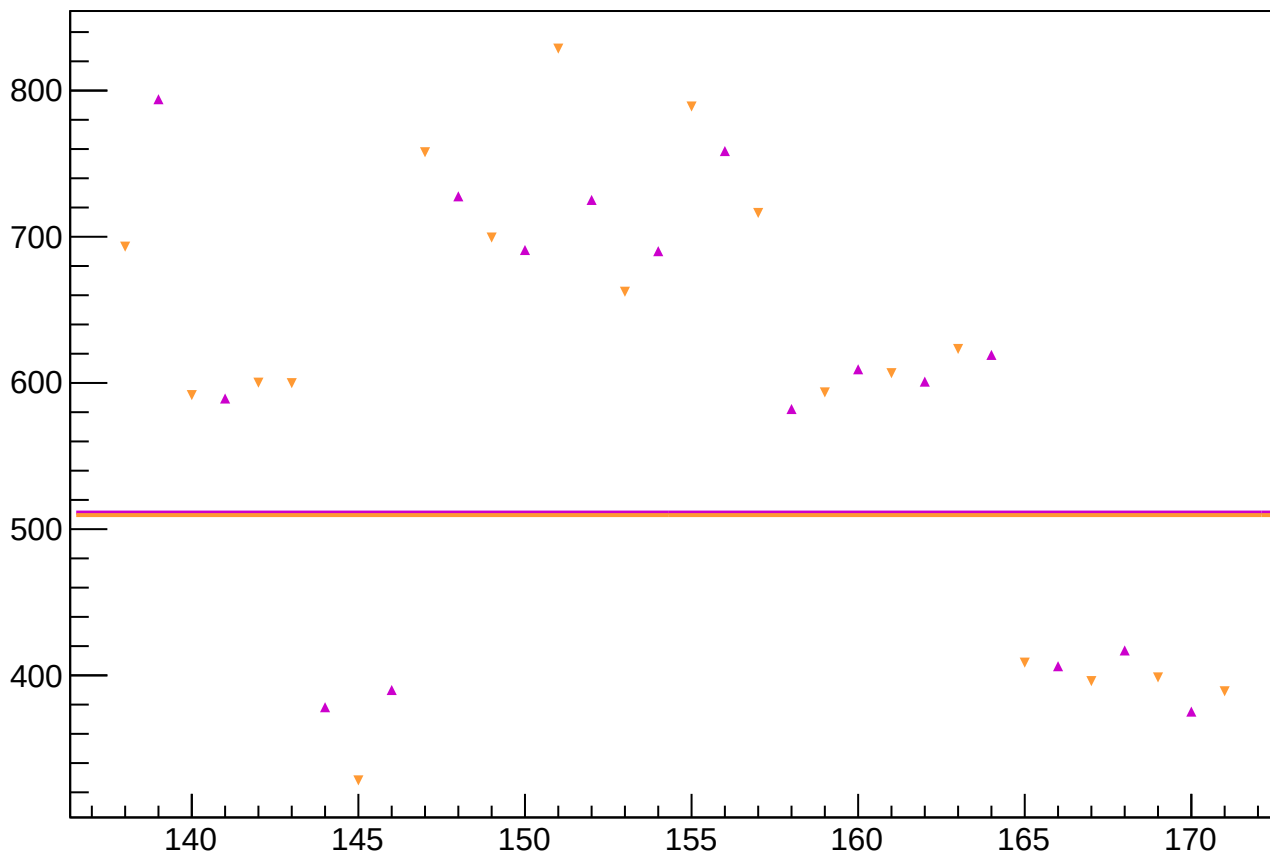
Left In: -245.662 $\pm$ 150.405 χ^2 /NDF:17.8/15

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

All: 152.085 $\pm$ 104.476 χ^2 /NDF: 72.6/33

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

asym_sam_26_avg_rms vs Slug



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

Left Out: 509.623+/-0.103 χ^2/NDF :2161304.5/17

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

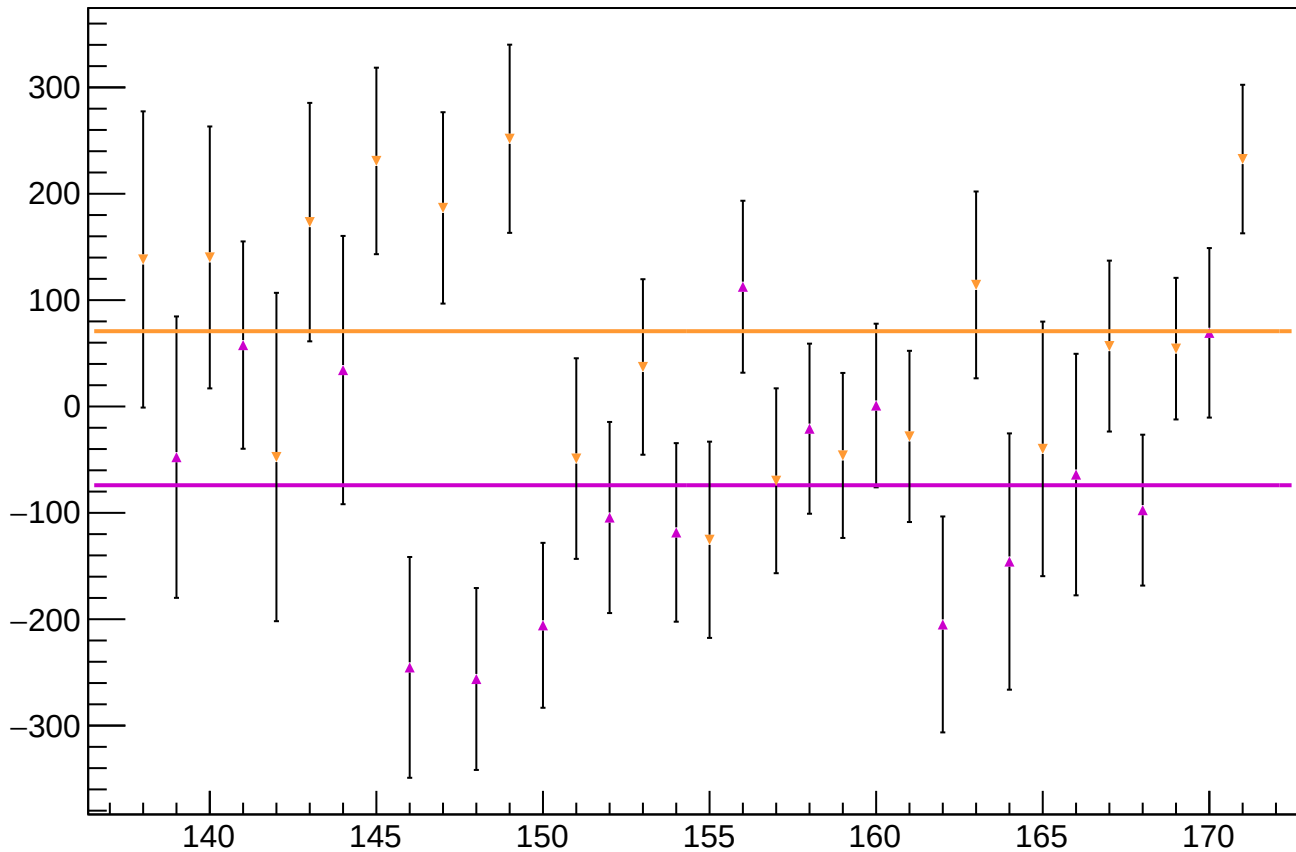
Left In: 511.350+/-0.106 χ^2/NDF :1757163.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.457+/-0.074 χ^2/NDF : 3918604.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 70.792 $\pm$ 21.151 χ^2 /NDF:30.4/17

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

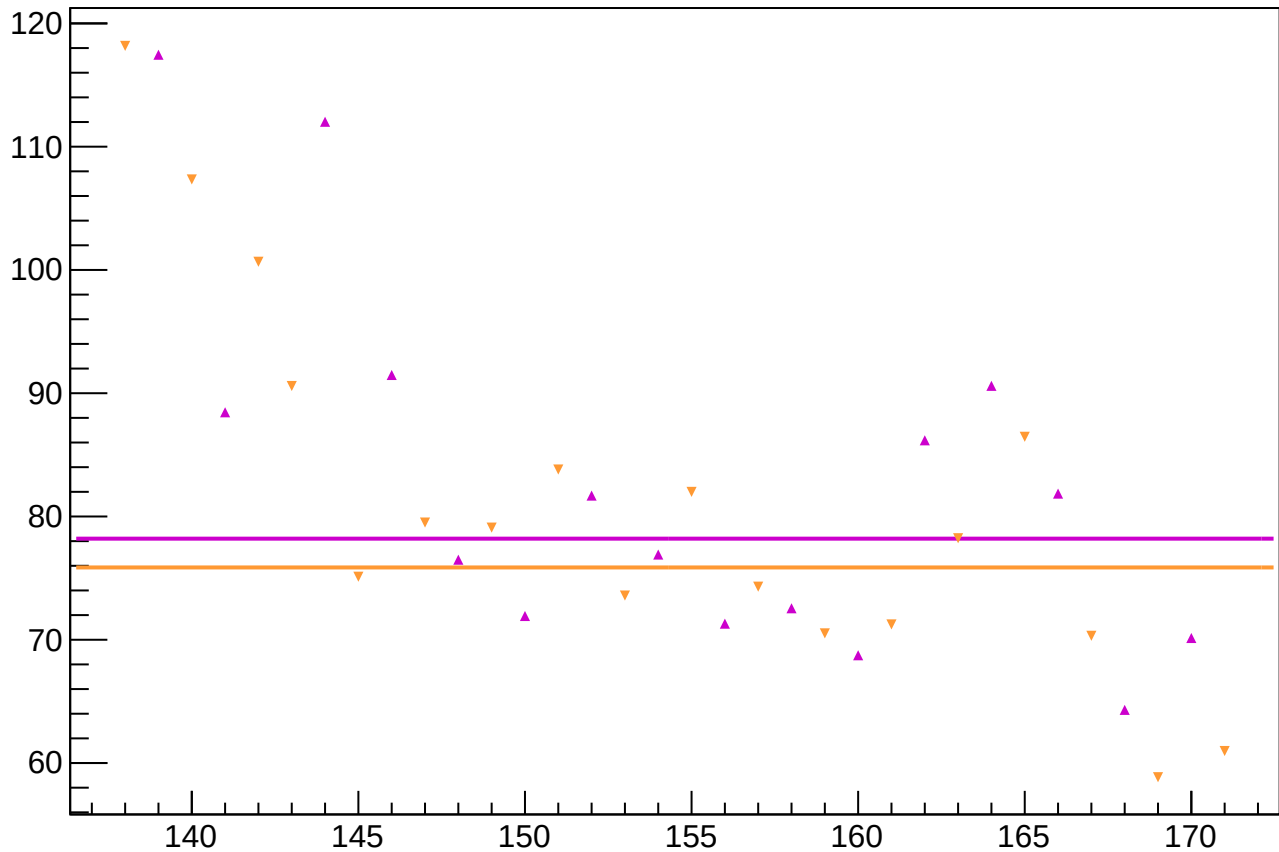
Left In: -74.029 $\pm$ 22.558 χ^2 /NDF:25.2/15

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

All: 3.039 $\pm$ 15.429 χ^2 /NDF: 77.6/33

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

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 75.866+/-0.015 χ^2/NDF : 697191.9/17

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

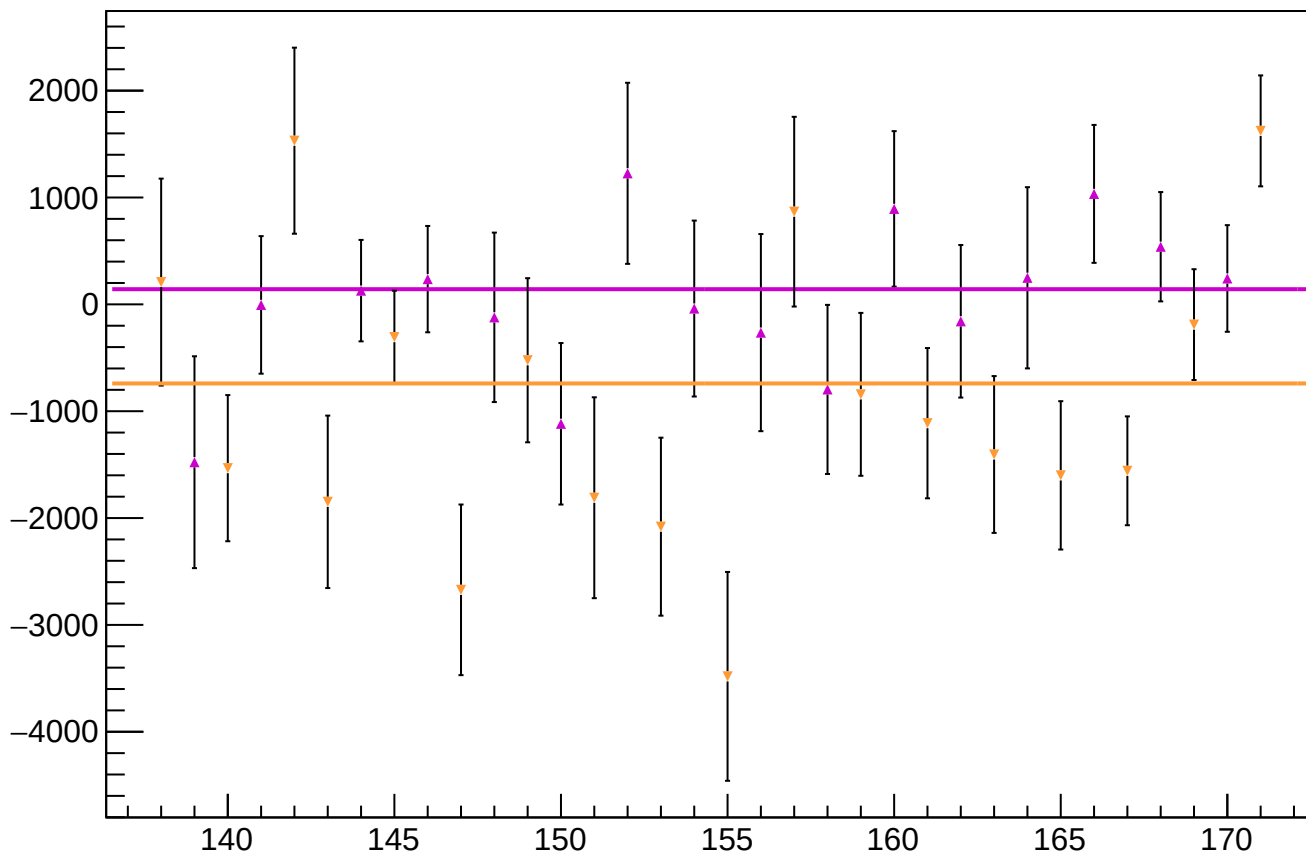
Left In: 78.202+/-0.016 χ^2/NDF : 579704.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.959+/-0.011 χ^2/NDF : 1288310.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -740.345 $\pm$ 161.220 χ^2 /NDF:60.1/17

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

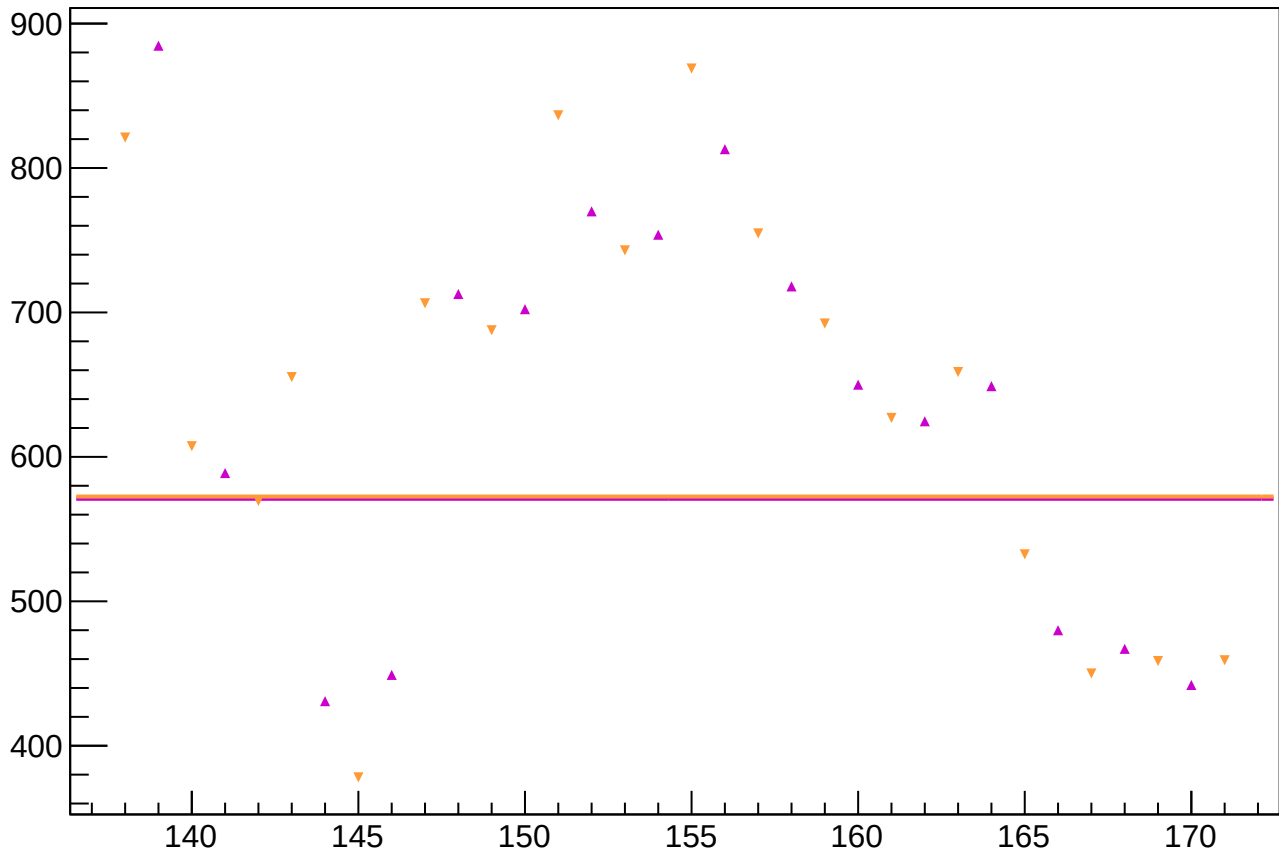
Left In: 141.899 $\pm$ 165.820 χ^2 /NDF:12.7/15

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

All: -311.630 $\pm$ 115.592 χ^2 /NDF: 87.3/33

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

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 572.541+/-0.114 χ^2/NDF :1572455.2/17

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

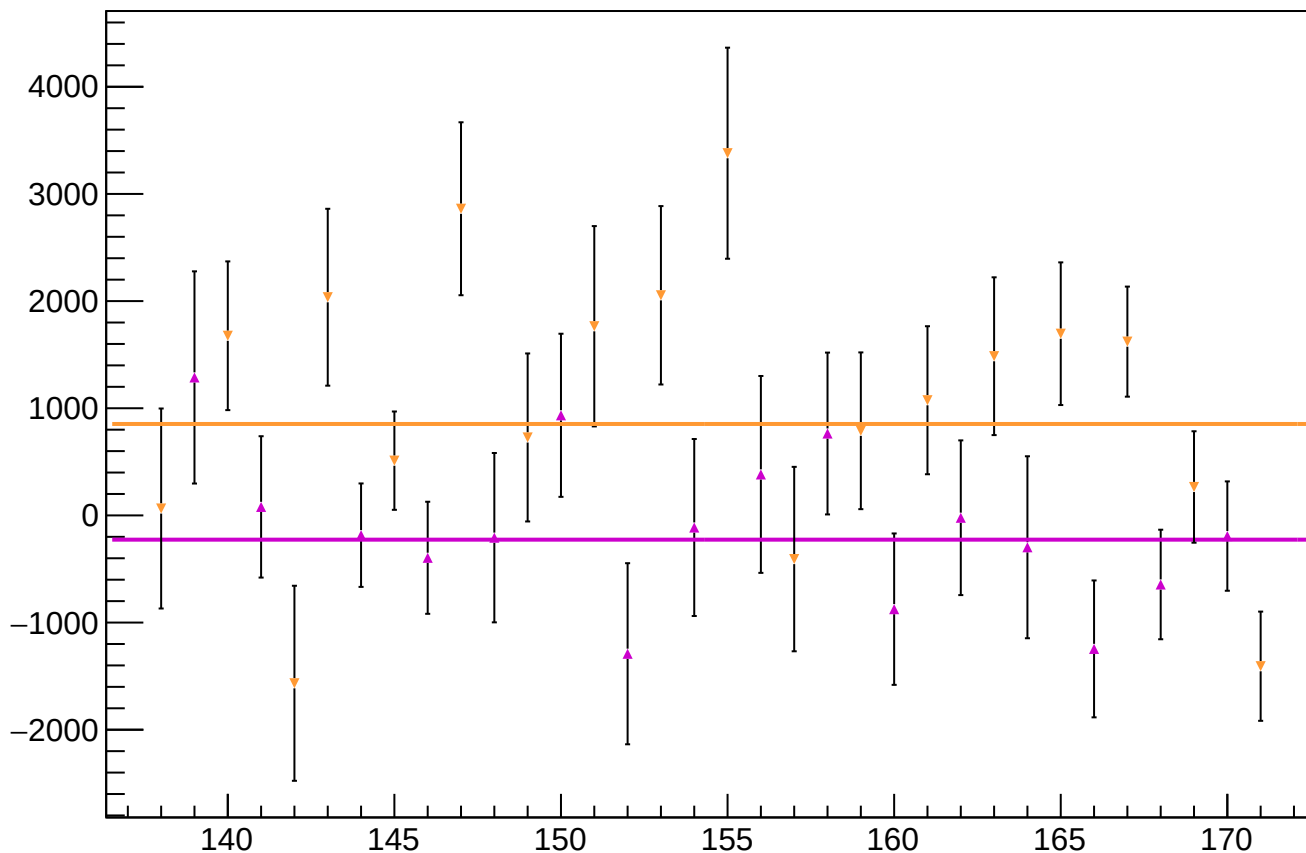
Left In: 570.985+/-0.117 χ^2/NDF :1343668.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.785+/-0.082 χ^2/NDF : 2916214.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



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

Left Out: 853.246+/-161.824 χ^2/NDF :55.4/17

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

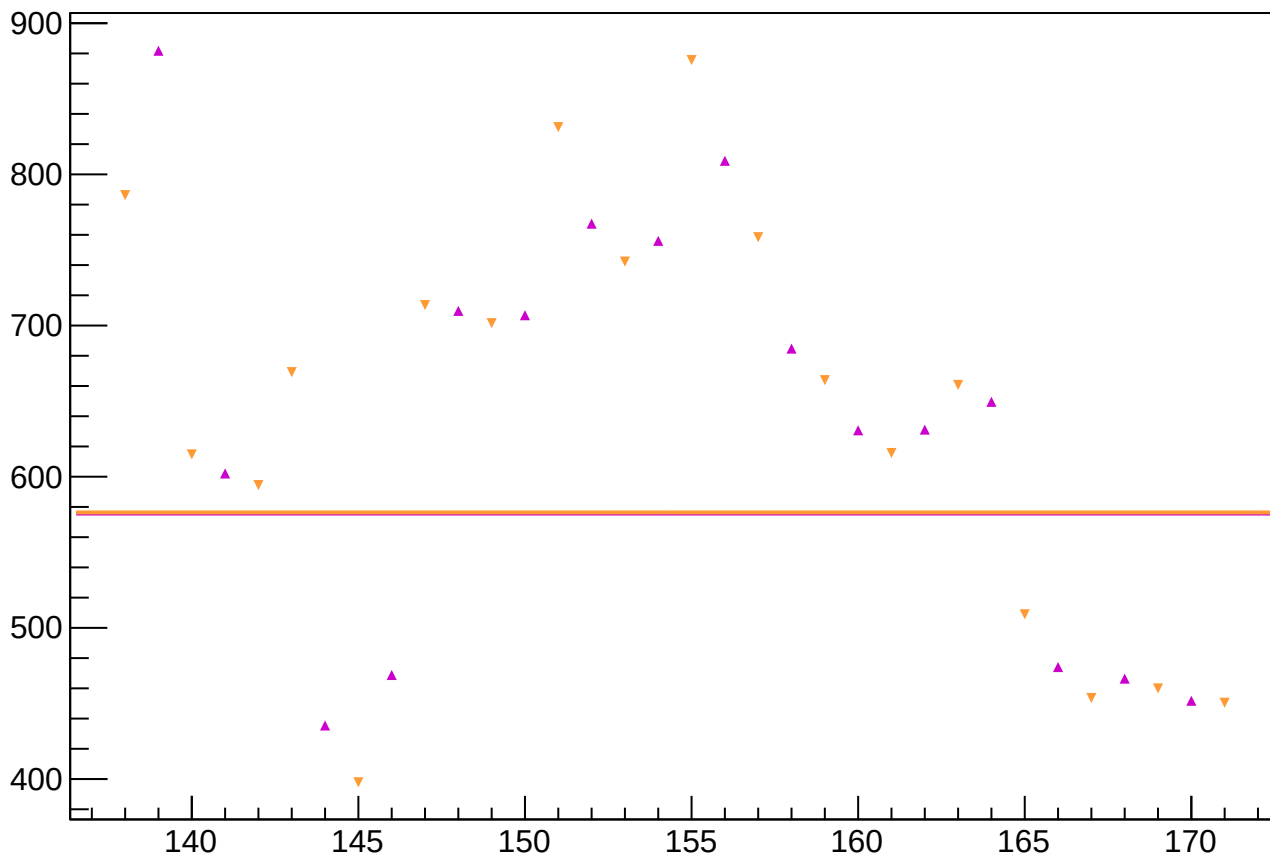
Left In: -226.356+/-167.062 χ^2/NDF :12.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.635+/-116.234 χ^2/NDF : 89.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 576.355+/-0.114 χ^2/NDF :1465628.1/17

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

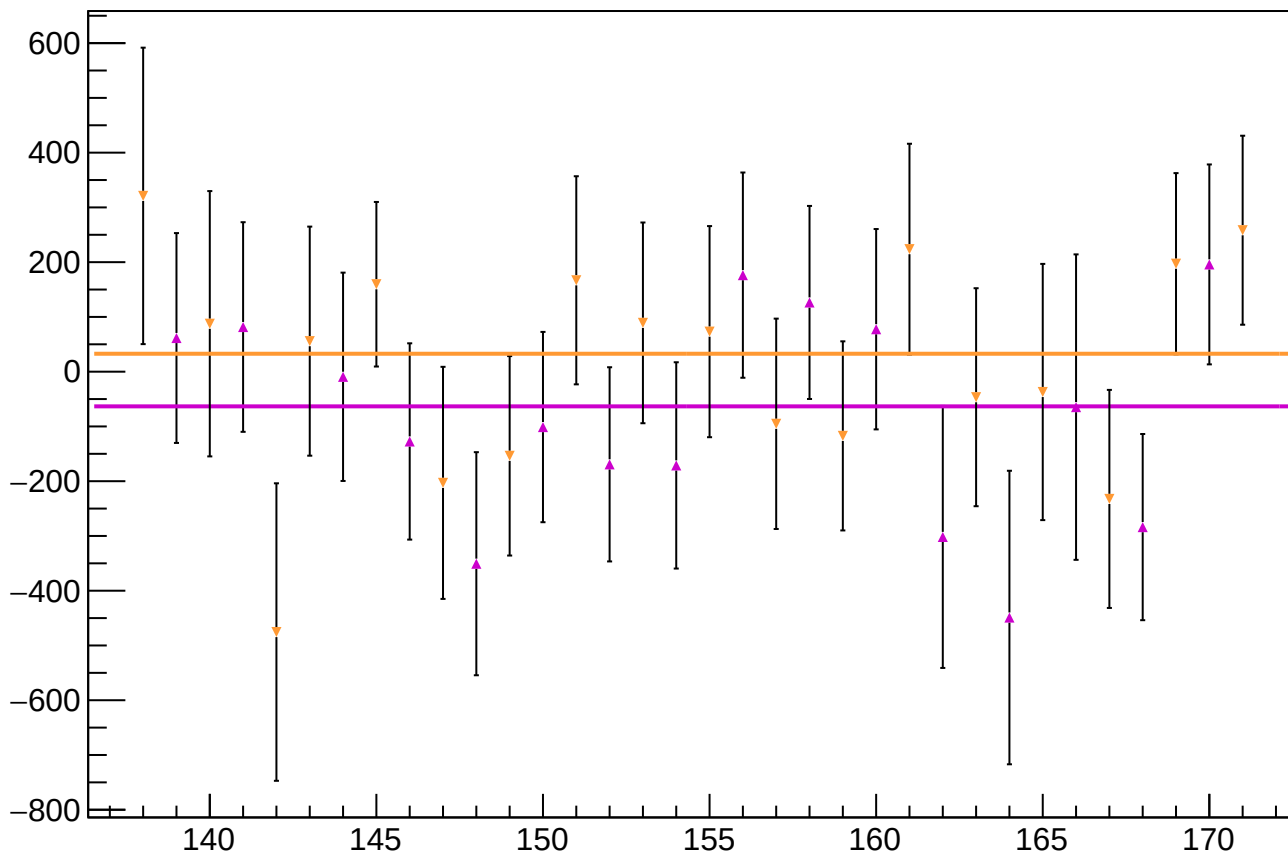
Left In: 575.637+/-0.118 χ^2/NDF :1231631.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.007+/-0.082 χ^2/NDF : 2697279.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 32.760 $\pm$ 45.901 χ^2 /NDF:15.2/17

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

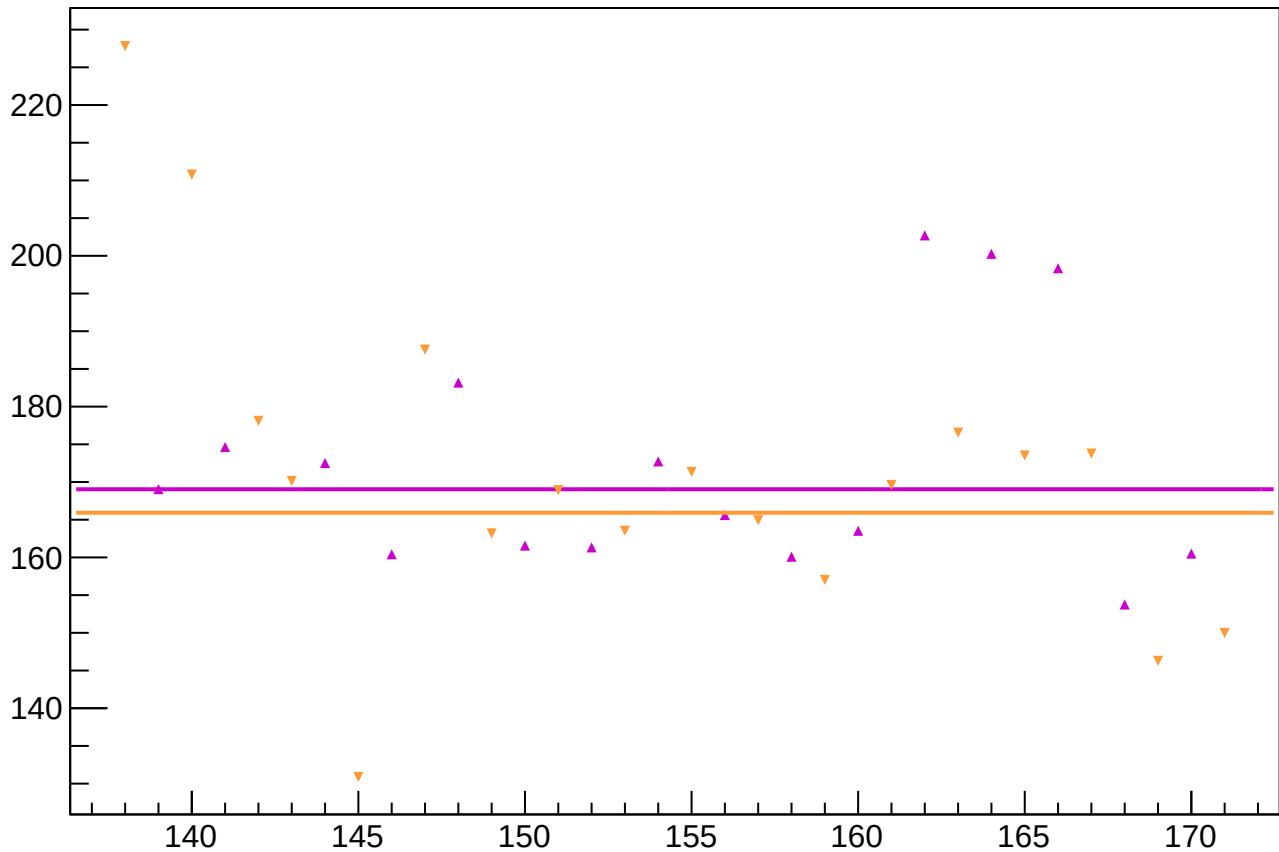
Left In: -63.324 $\pm$ 48.231 χ^2 /NDF:14.1/15

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

All: -12.905 $\pm$ 33.250 χ^2 /NDF: 31.4/33

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

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 165.928+/-0.032 χ^2/NDF : 372669.9/17

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

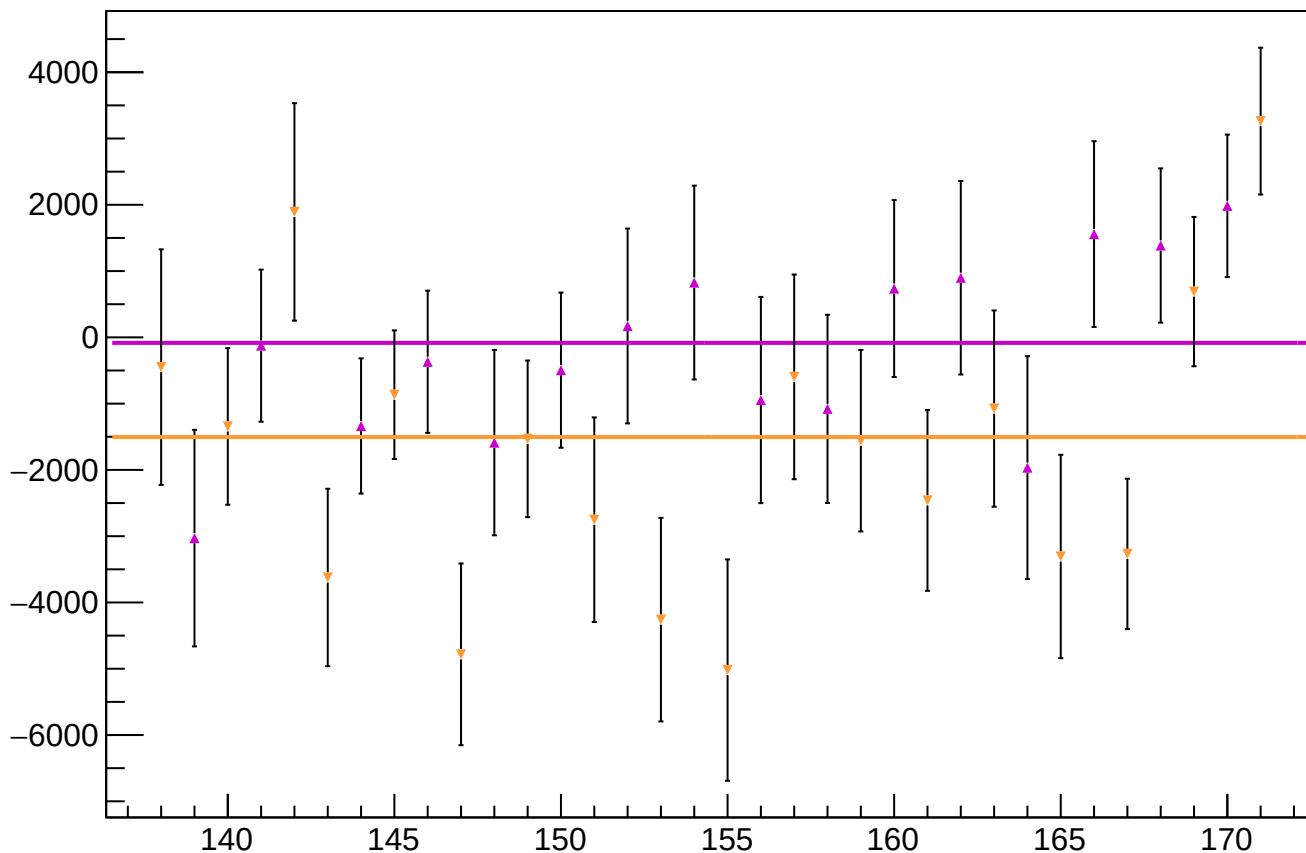
Left In: 169.040+/-0.034 χ^2/NDF : 141912.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.407+/-0.024 χ^2/NDF : 518952.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -1503.831+/-312.723 χ^2/NDF : 48.7/17

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

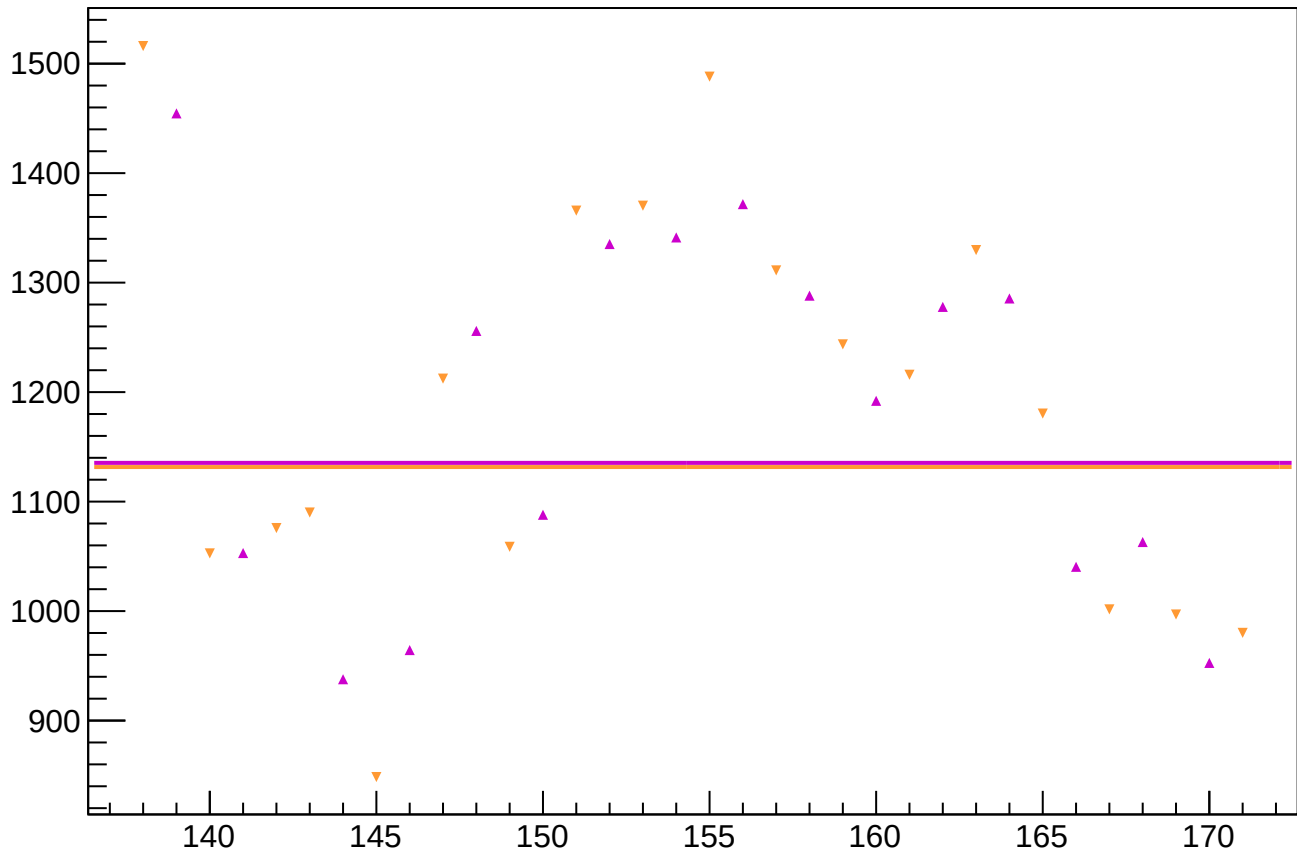
Left In: -83.301+/-323.718 χ^2/NDF : 16.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -818.100+/-224.915 χ^2/NDF : 74.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1131.556+/-0.221 χ^2/NDF : 655221.5/17

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

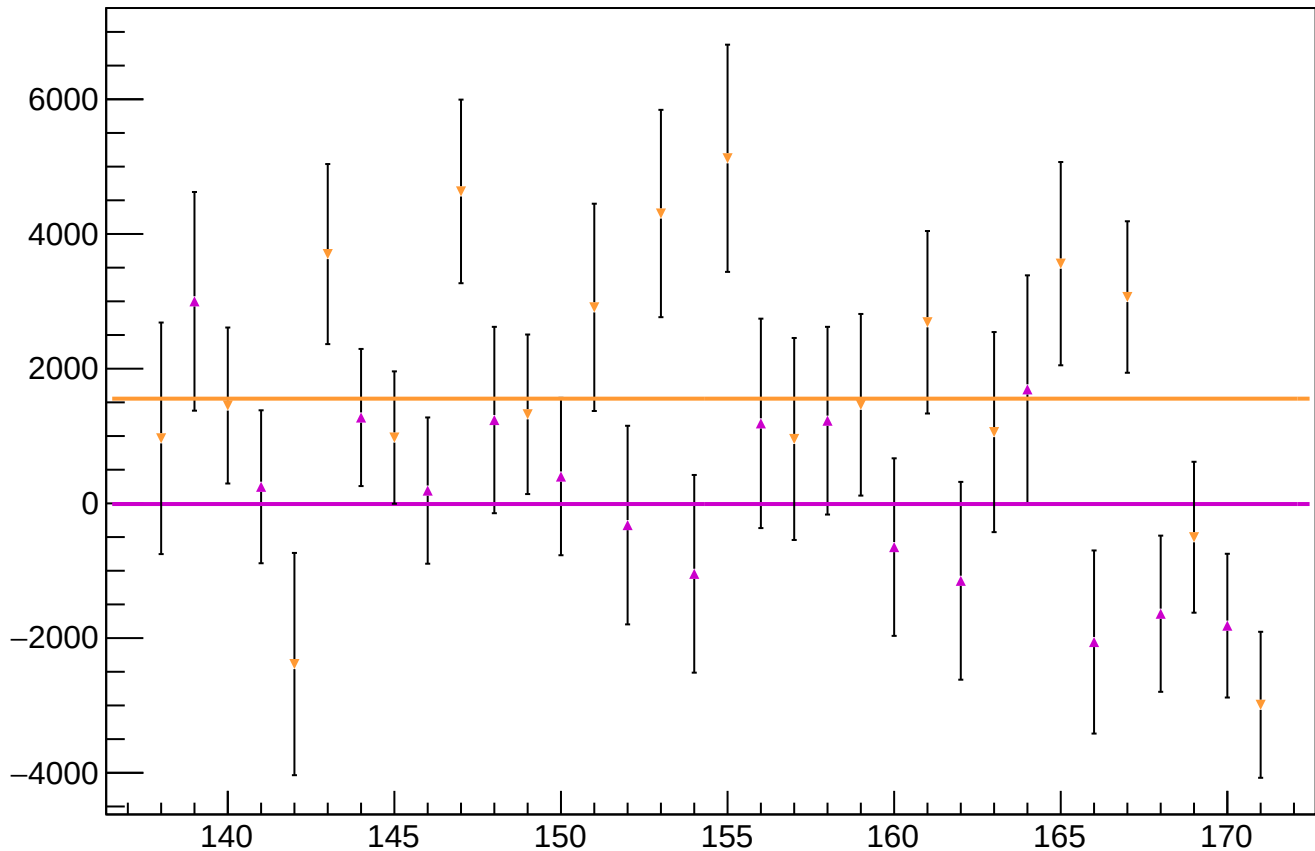
Left In: 1135.377+/-0.229 χ^2/NDF : 489899.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.401+/-0.159 χ^2/NDF : 1145265.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 1555.056+/-310.621 χ^2/NDF : 47.8/17

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

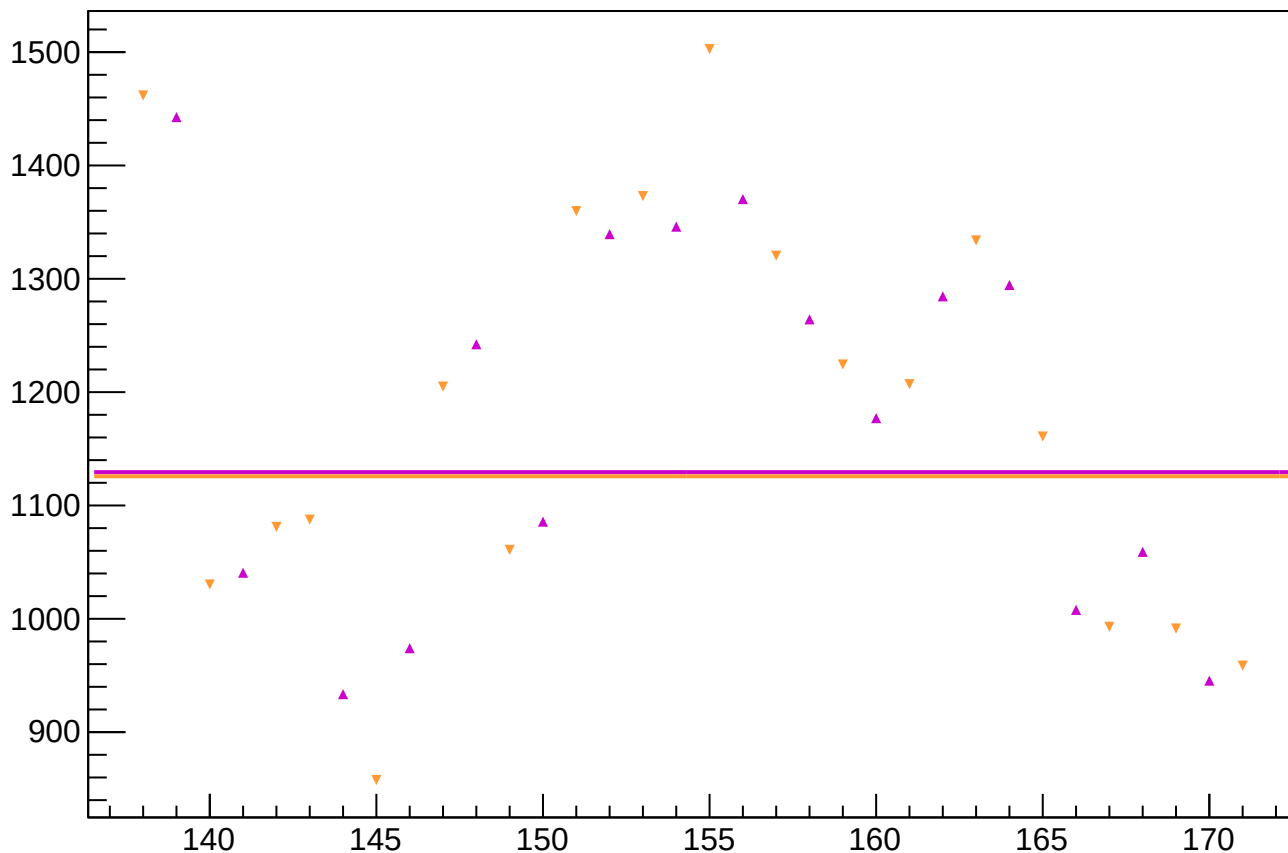
Left In: -9.505+/-322.283 χ^2/NDF : 16.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.595+/-223.652 χ^2/NDF : 77.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1125.747+/-0.220 χ^2/NDF : 648431.4/17

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

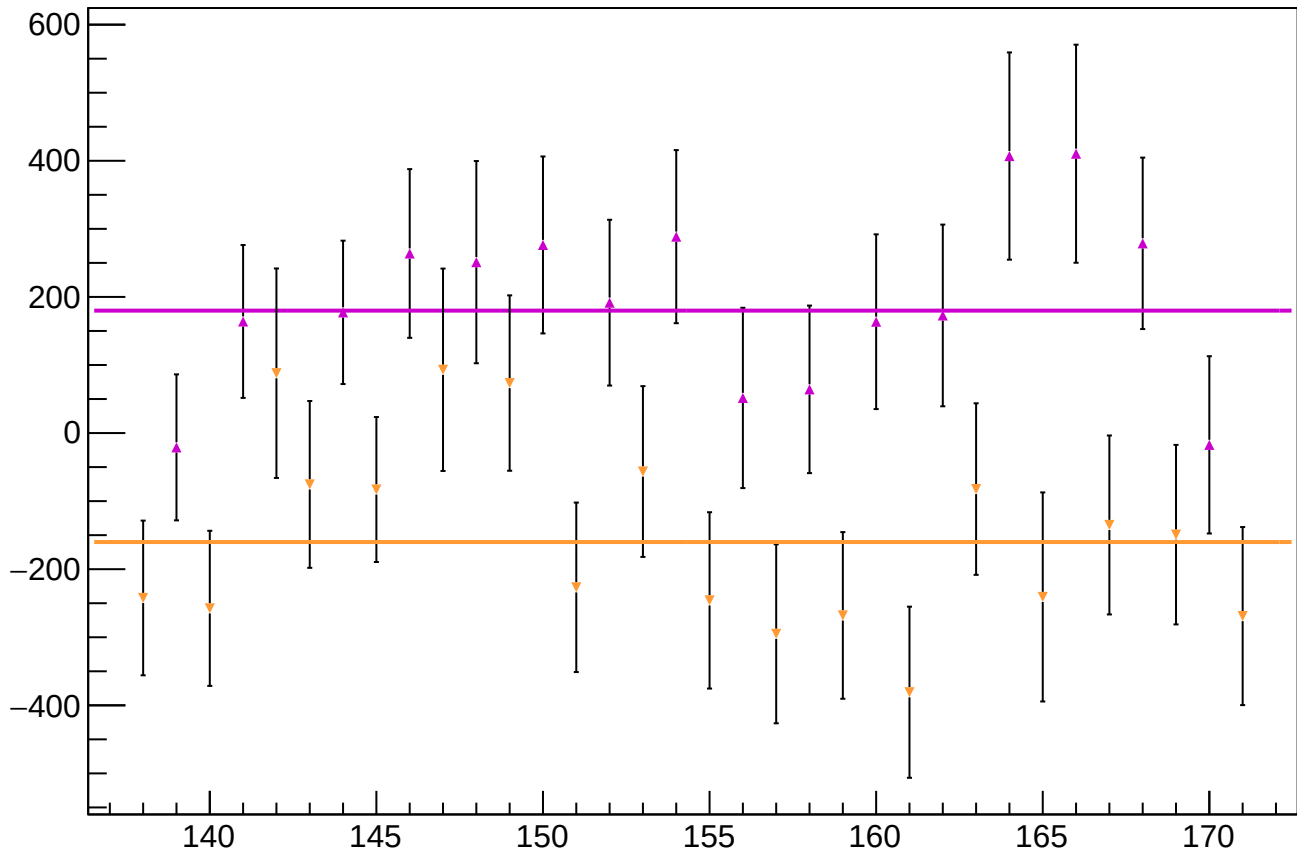
Left In: 1129.399+/-0.228 χ^2/NDF : 495450.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

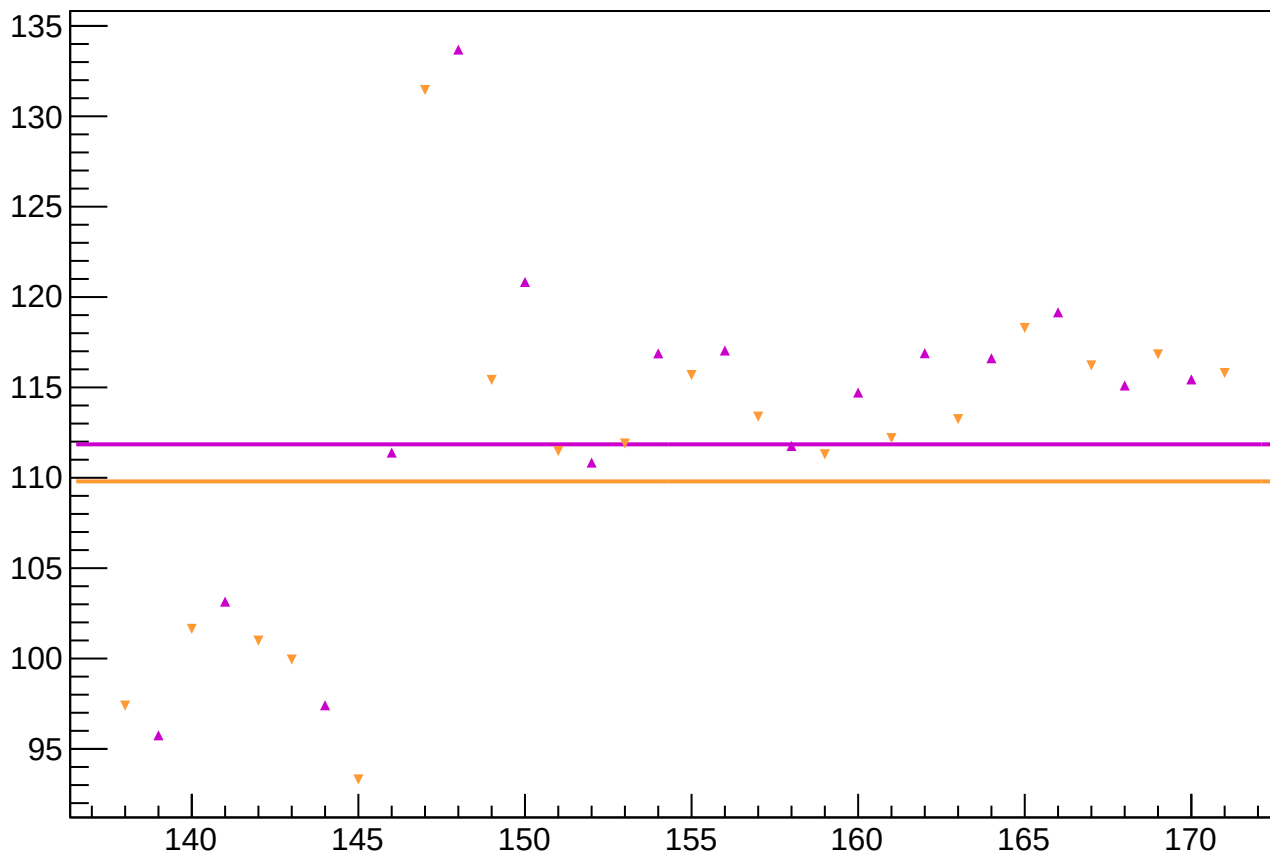
All: 1127.505+/-0.158 χ^2/NDF : 1144015.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 109.801+/-0.021 χ^2/NDF :177571.3/17

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

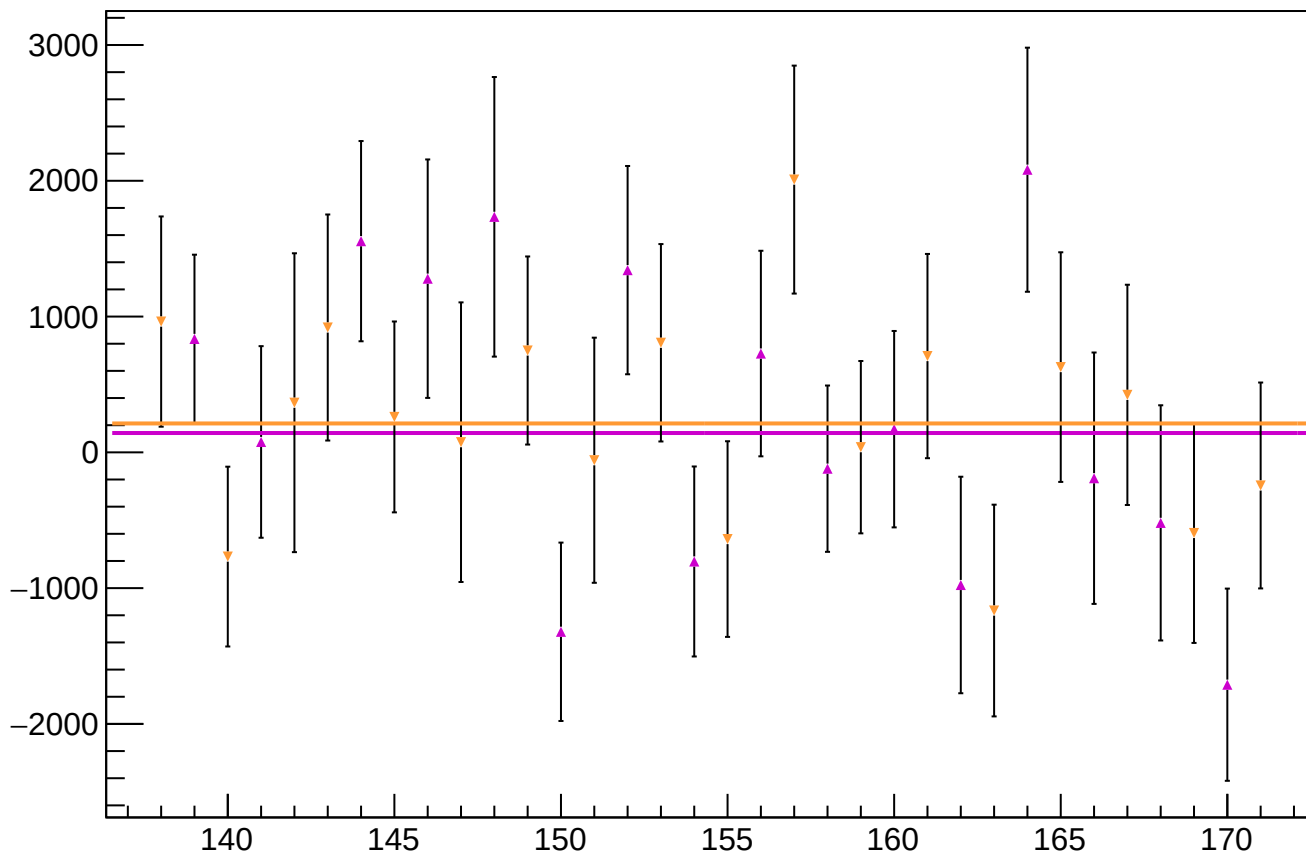
Left In: 111.850+/-0.022 χ^2/NDF :166631.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.771+/-0.015 χ^2/NDF : 348624.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 212.820 $\pm$ 183.141 χ^2 /NDF:16.5/17

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

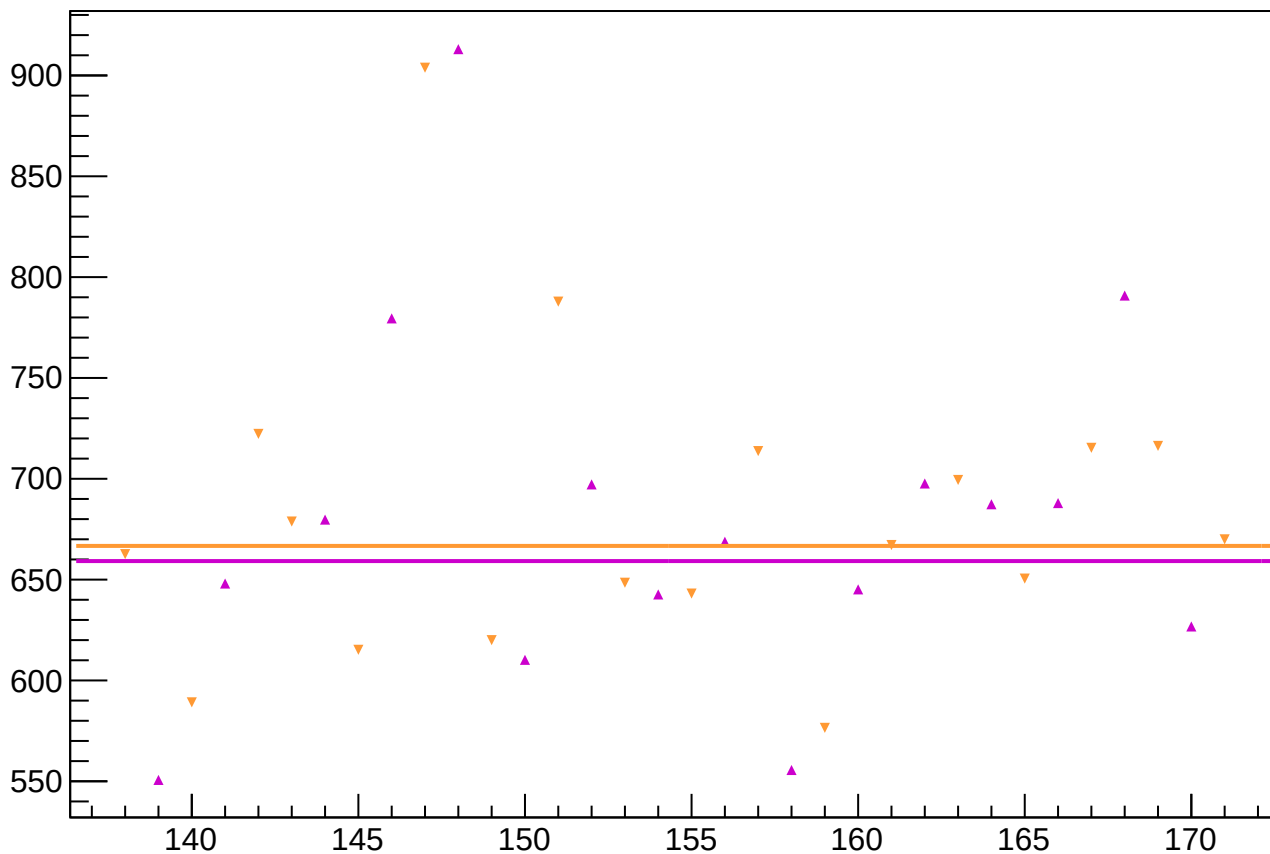
Left In: 142.391 $\pm$ 187.723 χ^2 /NDF:33.2/15

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

All: 178.475 $\pm$ 131.090 χ^2 /NDF: 49.8/33

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

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 666.714+/-0.130 χ^2/NDF : 264062.1/17

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

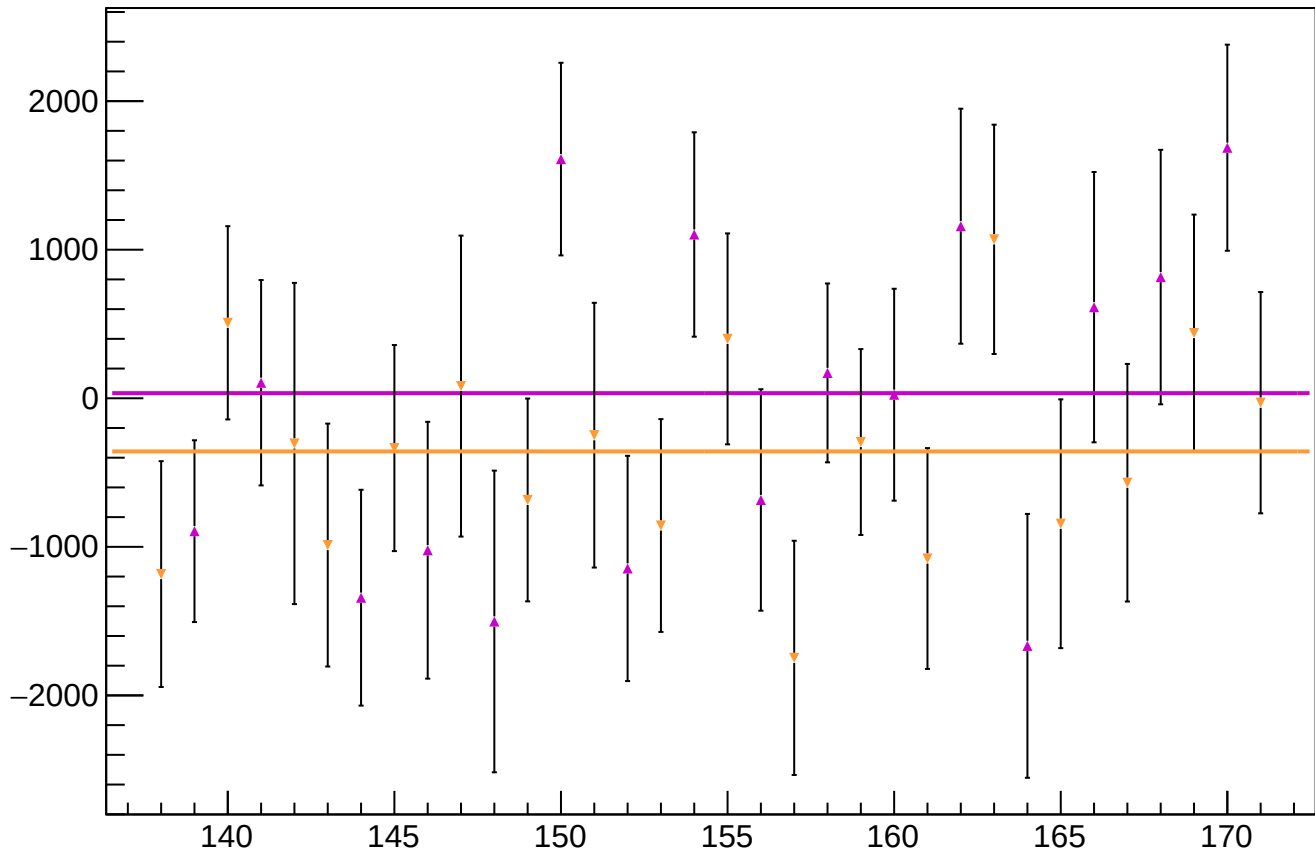
Left In: 659.195+/-0.133 χ^2/NDF : 356803.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.047+/-0.093 χ^2/NDF : 622509.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -357.758 $\pm$ 180.011 χ^2 /NDF:14.7/17

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

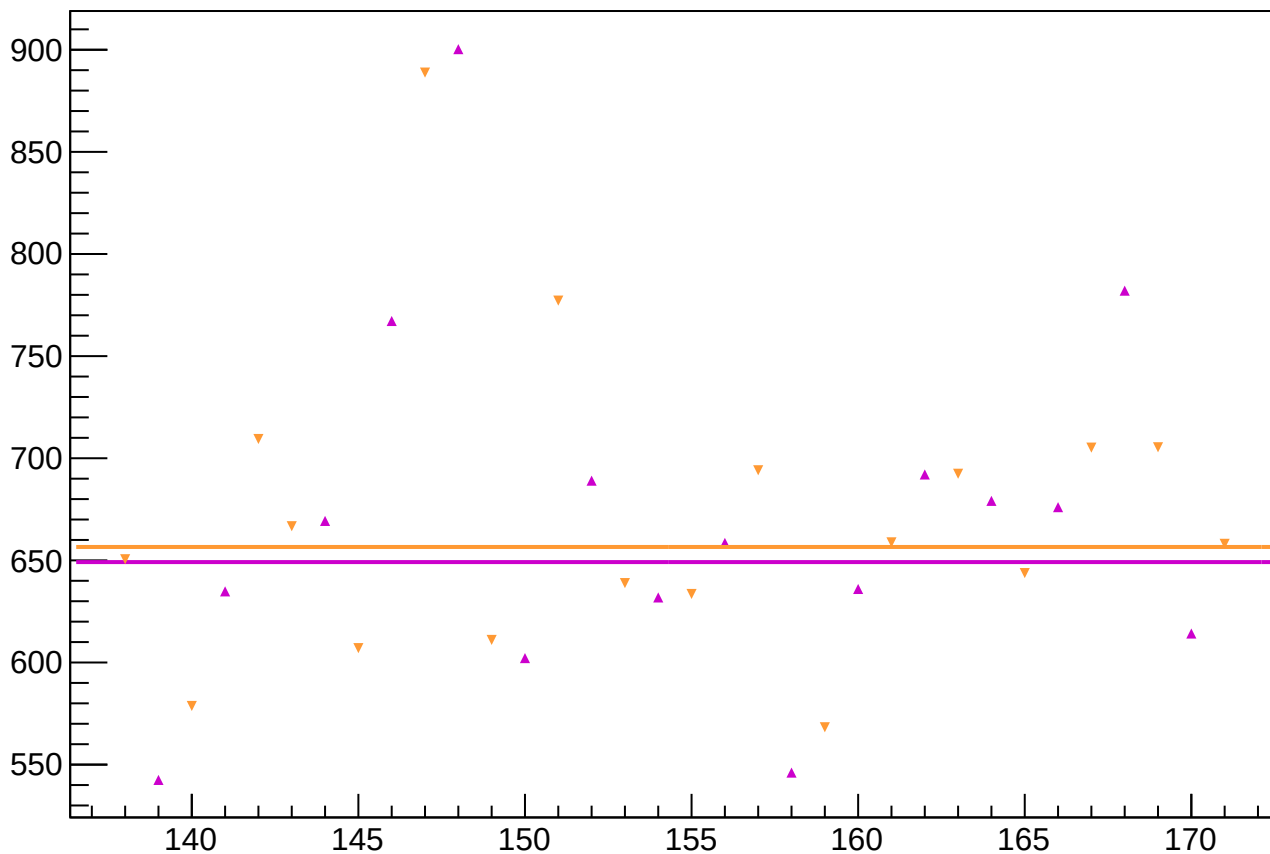
Left In: 34.506 $\pm$ 184.916 χ^2 /NDF:34.0/15

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

All: -166.898 $\pm$ 128.986 χ^2 /NDF: 51.0/33

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

asym_sam_15_dd_rms vs Slug



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

Left Out: 656.566+/-0.127 χ^2/NDF :262139.4/17

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

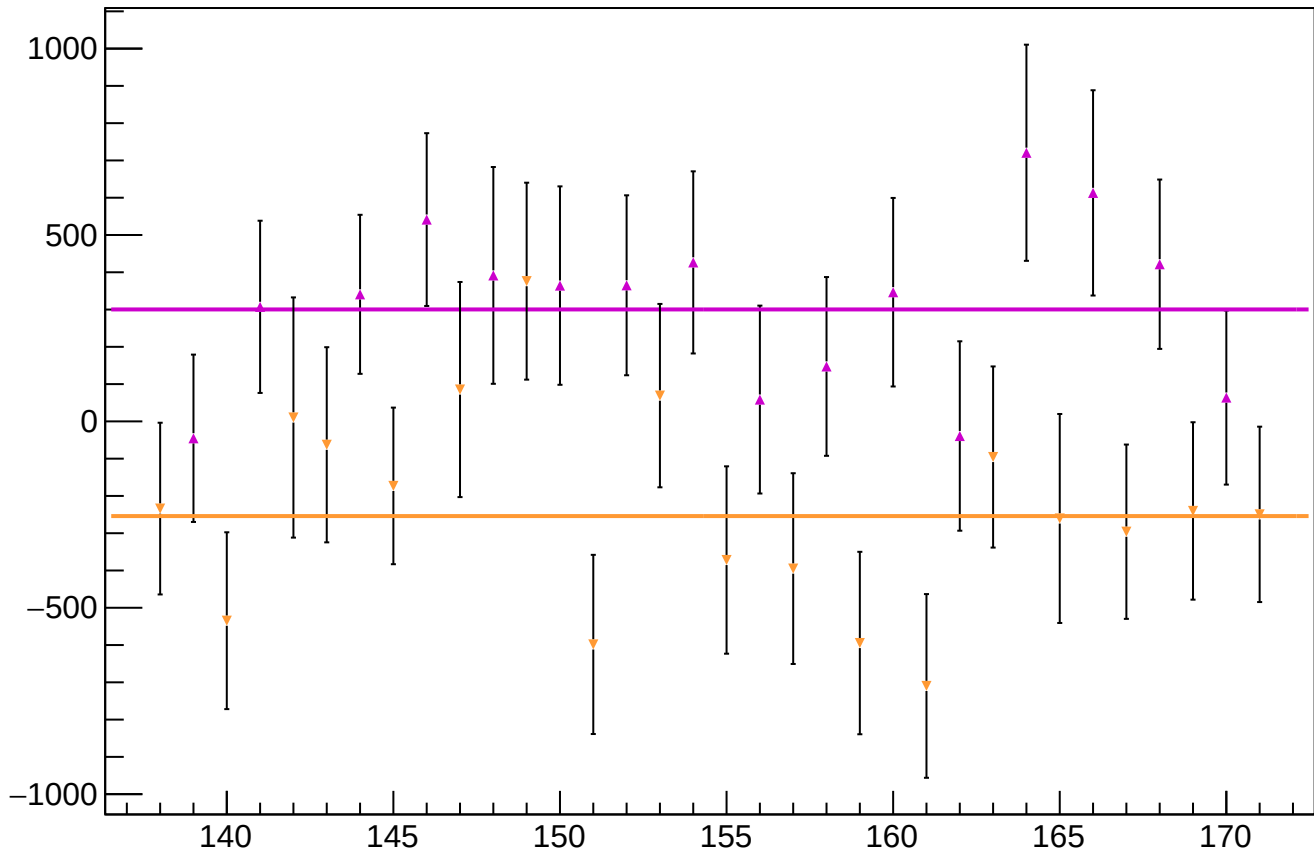
Left In: 649.162+/-0.131 χ^2/NDF :362927.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.964+/-0.091 χ^2/NDF : 626713.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -254.030+/-58.554 χ^2/NDF : 20.0/17

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

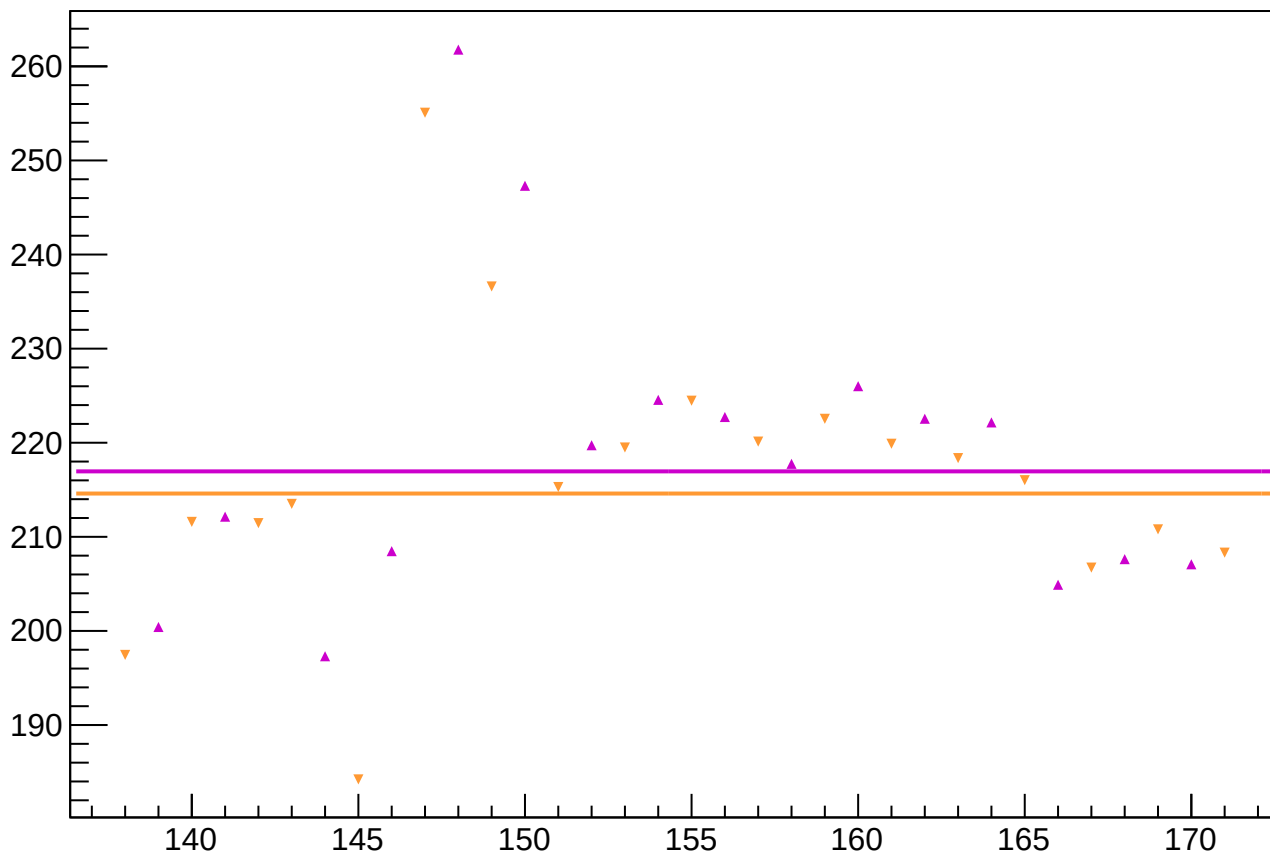
Left In: 300.289+/-61.301 χ^2/NDF : 11.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.431+/-42.342 χ^2/NDF : 74.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.601+/-0.041 χ^2/NDF :119287.3/17

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

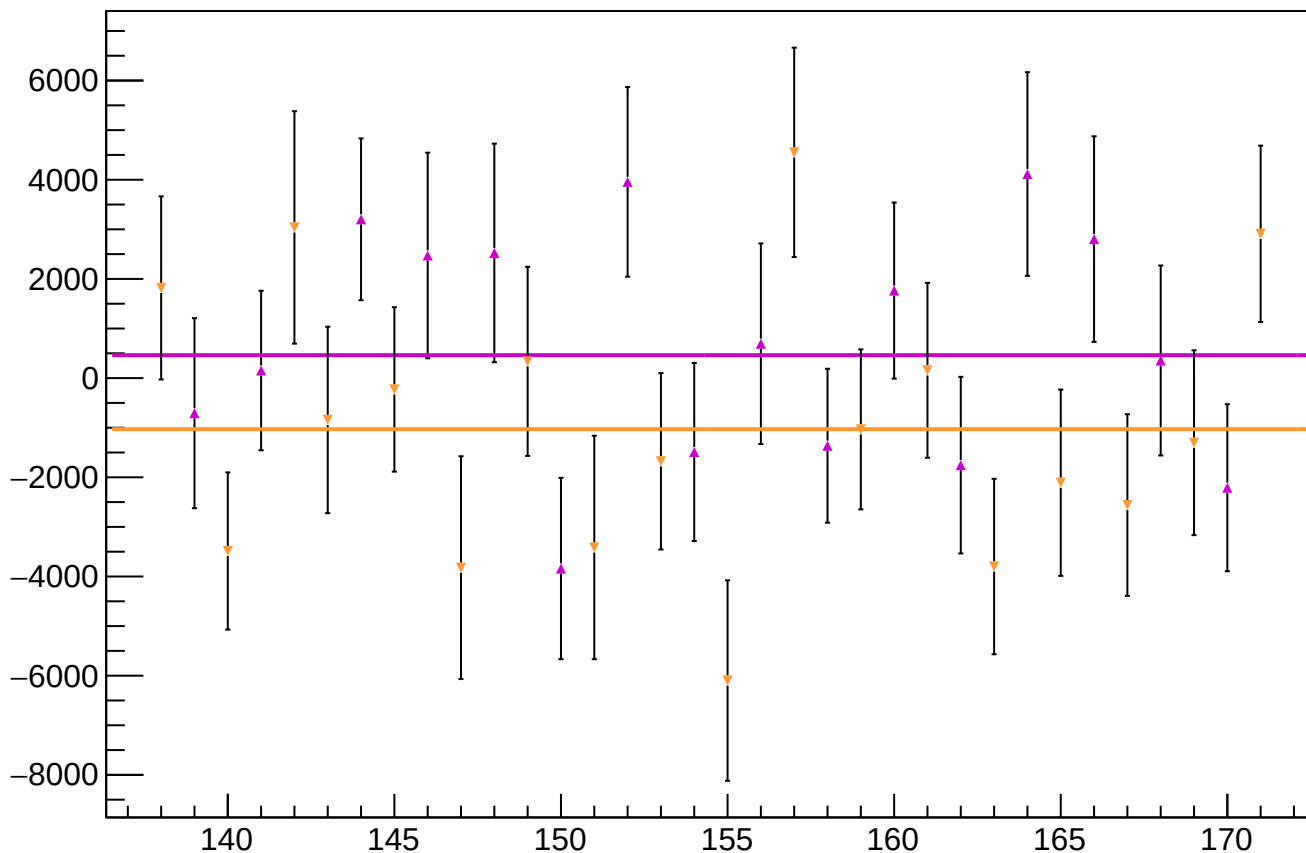
Left In: 216.956+/-0.043 χ^2/NDF :123132.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.725+/-0.030 χ^2/NDF : 243963.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -1028.878+/-439.058 χ^2/NDF : 33.5/17

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

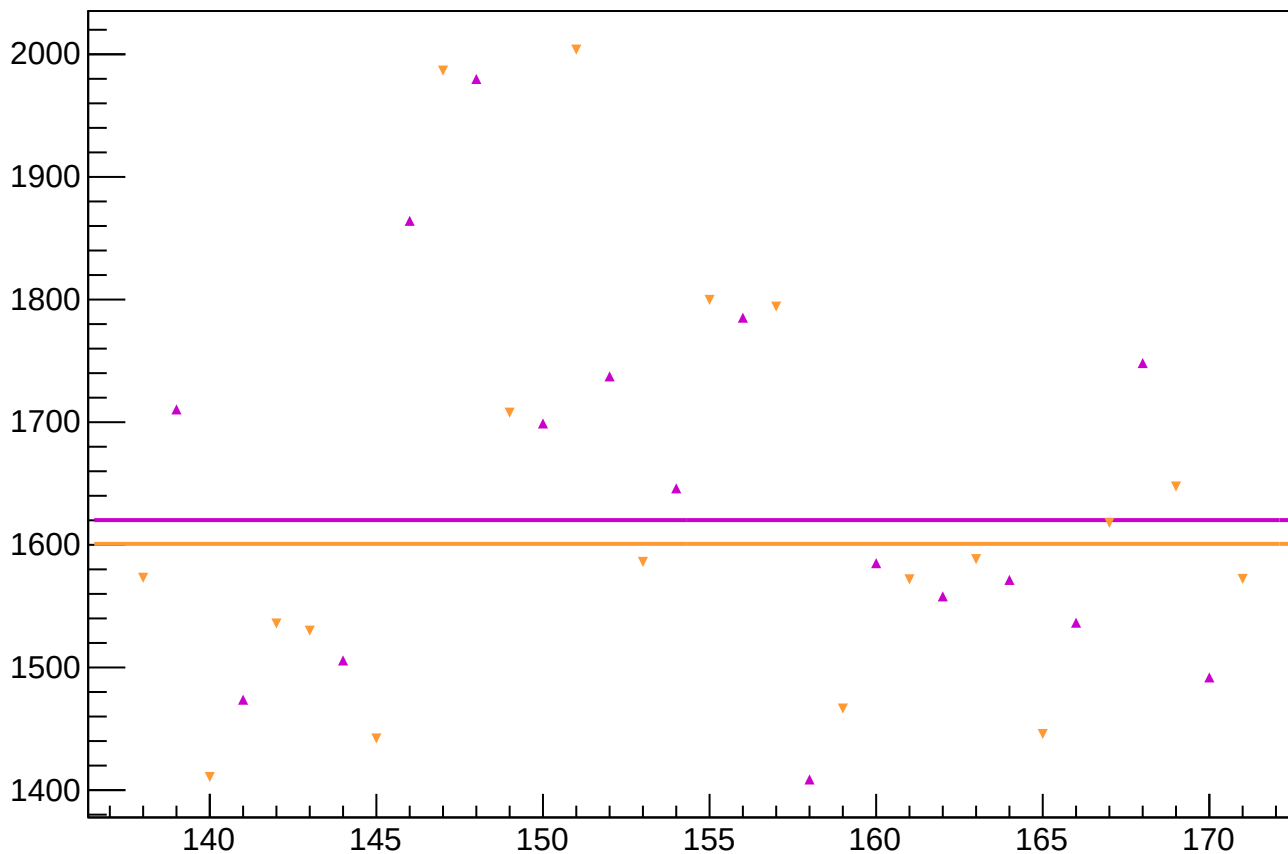
Left In: 462.193+/-459.094 χ^2/NDF : 25.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -316.588+/-317.308 χ^2/NDF : 64.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1600.800+/-0.310 χ^2/NDF : 247618.0/17

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

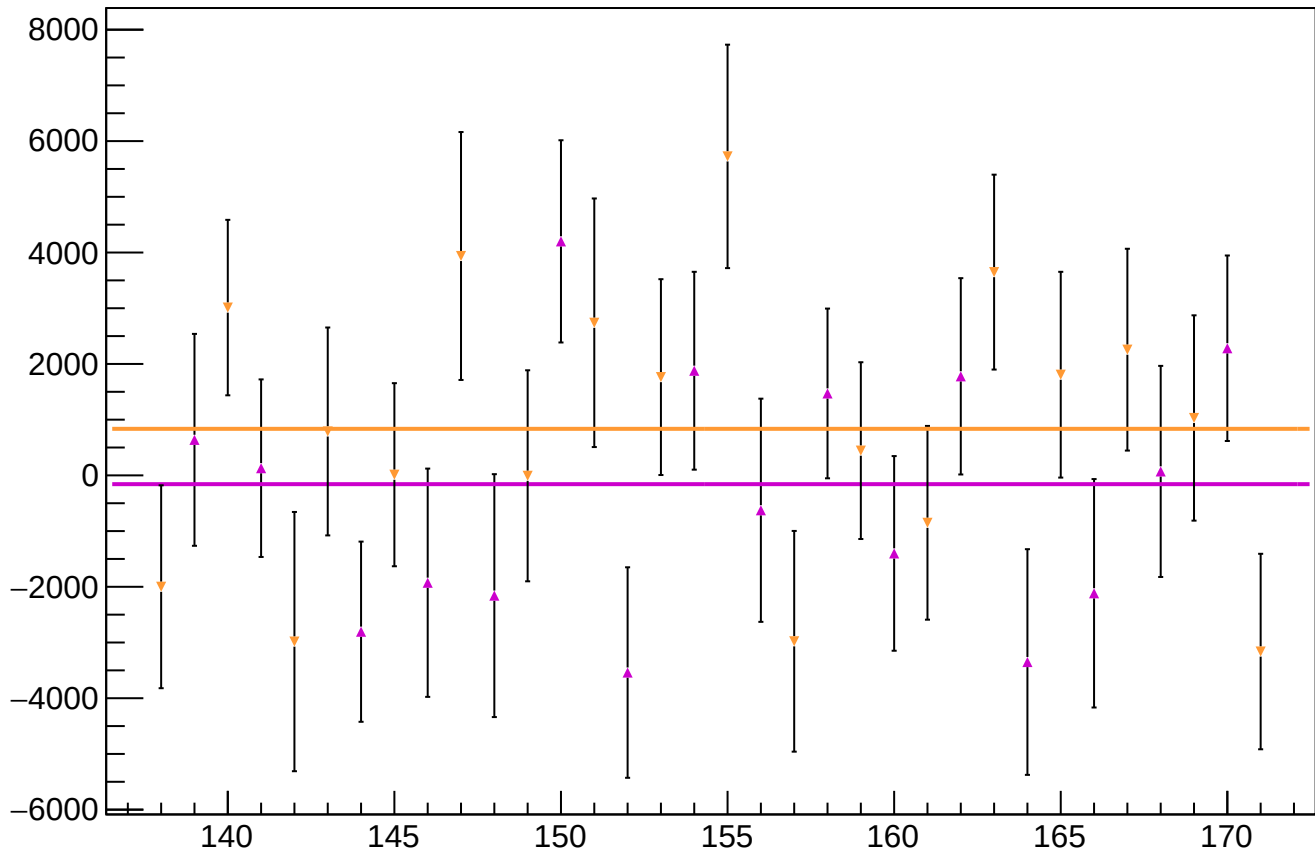
Left In: 1620.178+/-0.325 χ^2/NDF : 202164.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.057+/-0.224 χ^2/NDF : 451643.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



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

Left Out: 835.512+/-433.216 χ^2/NDF : 29.8/17

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

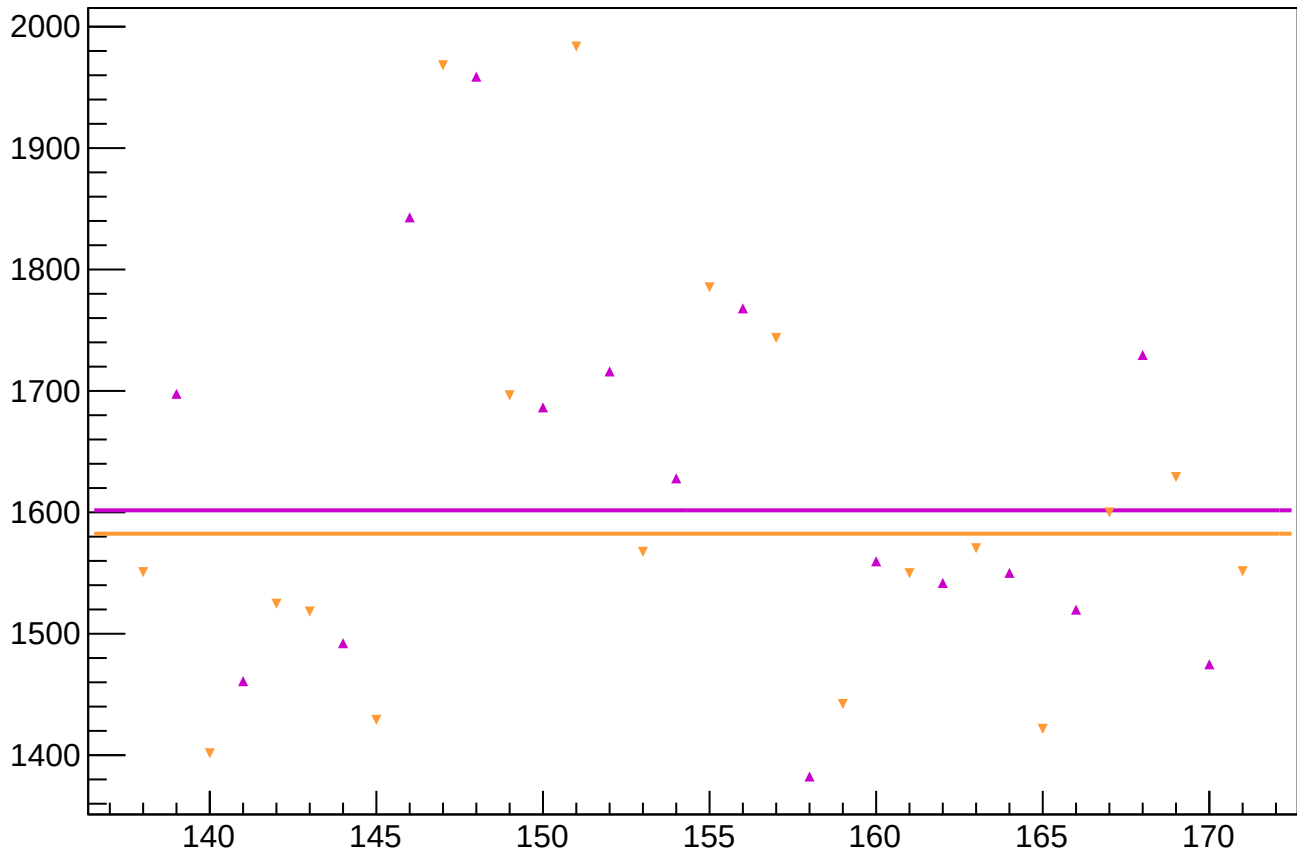
Left In: -157.715+/-453.929 χ^2/NDF : 23.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.075+/-313.397 χ^2/NDF : 55.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



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

Left Out: 1582.420+/-0.306 χ^2/NDF : 247582.8/17

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

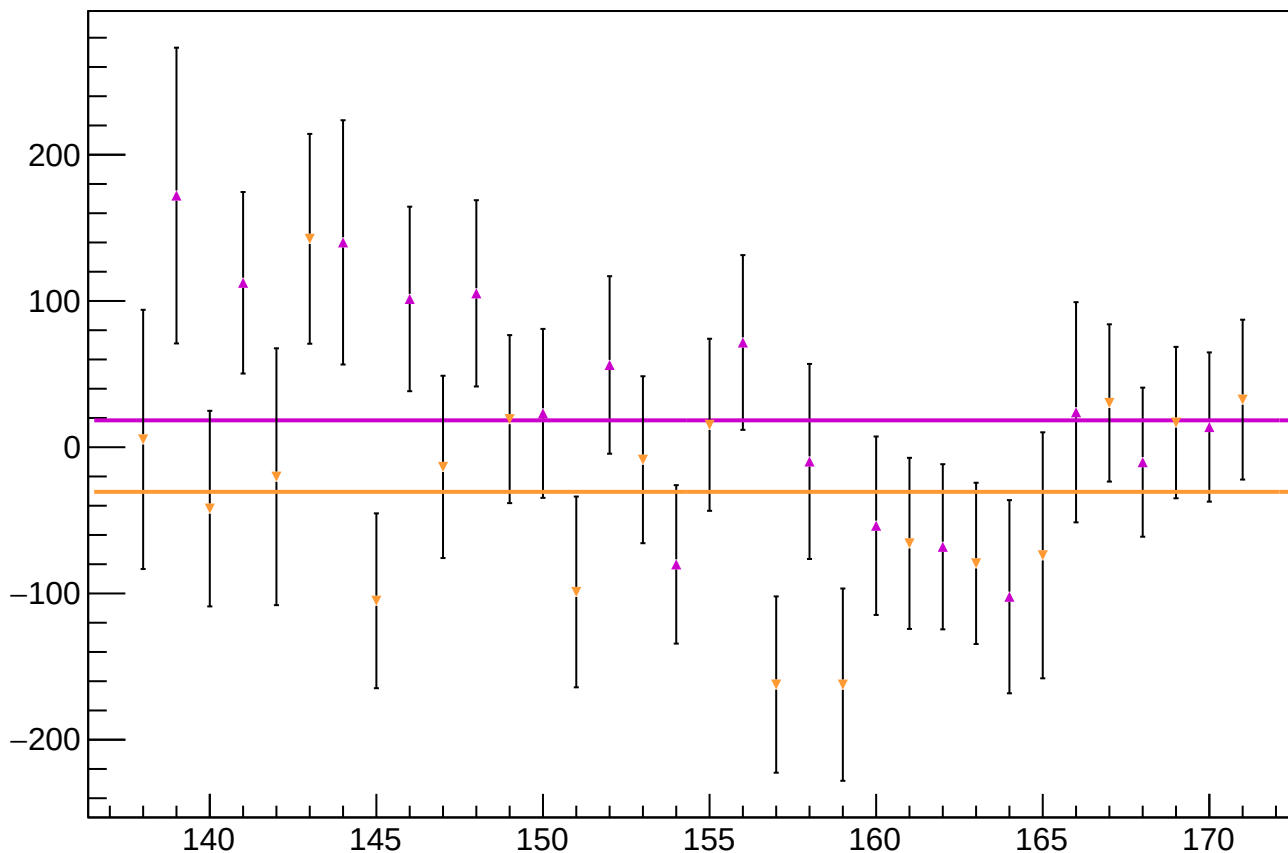
Left In: 1601.656+/-0.321 χ^2/NDF : 207303.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.589+/-0.222 χ^2/NDF : 456765.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -30.515 $\pm$ 14.634 χ^2 /NDF:23.9/17

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

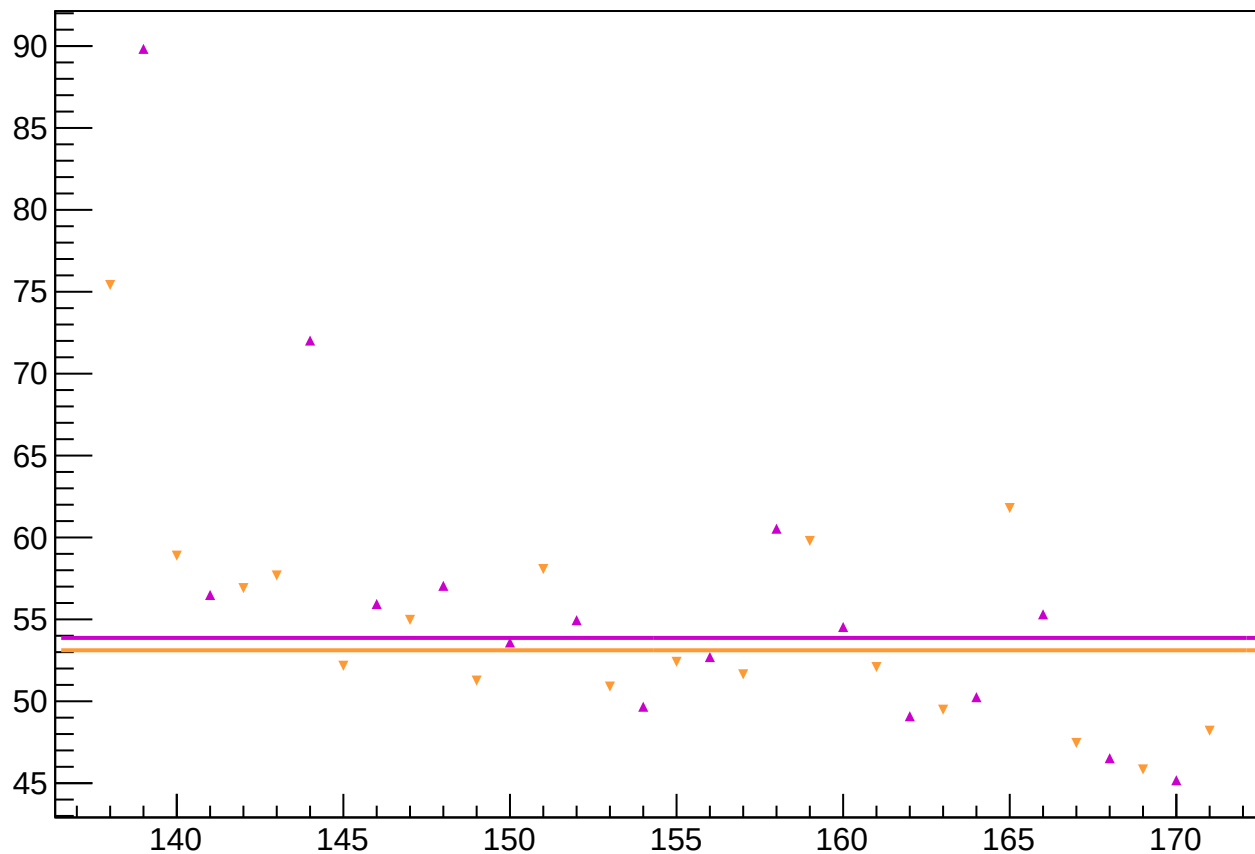
Left In: 18.381 $\pm$ 15.481 χ^2 /NDF:22.4/15

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

All: -7.440 $\pm$ 10.635 χ^2 /NDF: 51.6/33

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

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 53.114+/-0.010 χ^2/NDF : 302763.9/17

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

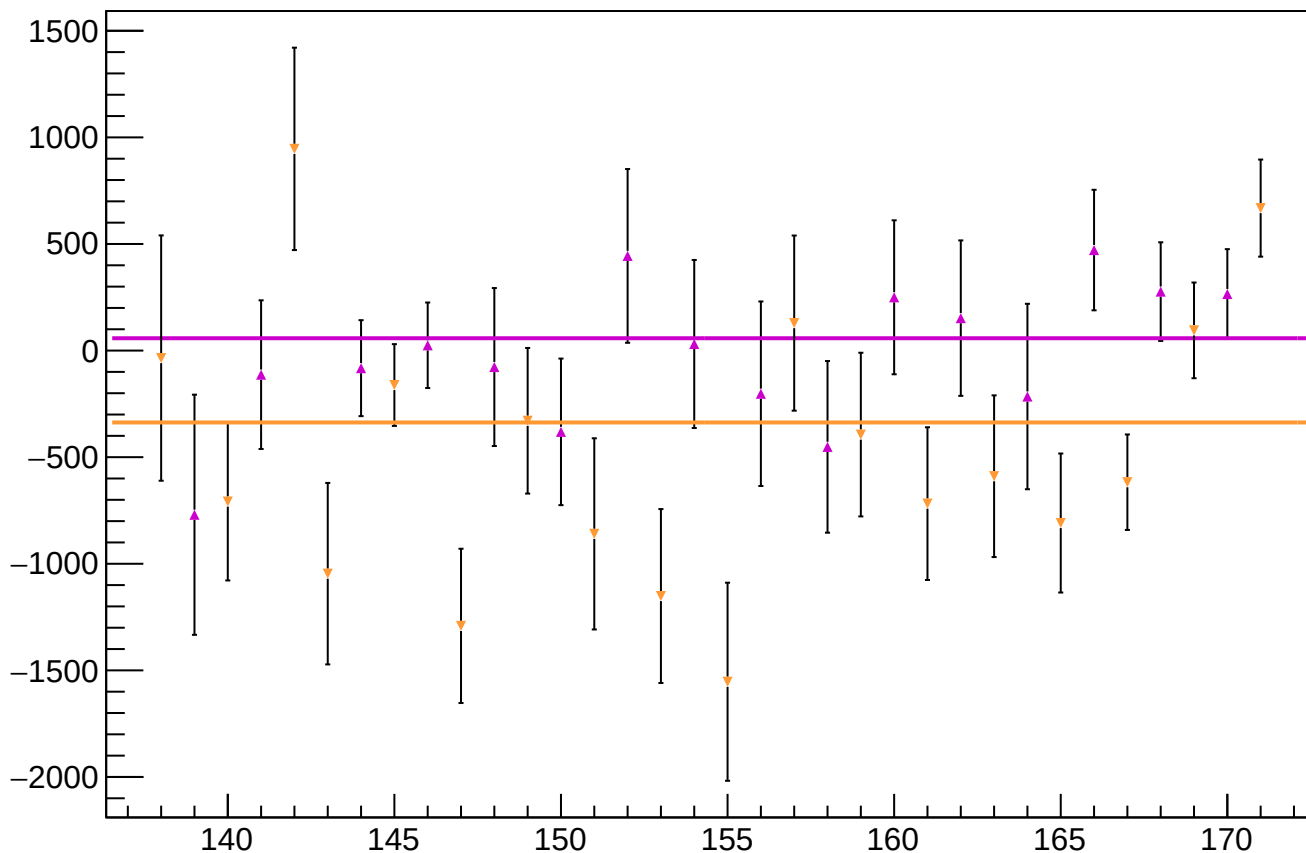
Left In: 53.869+/-0.011 χ^2/NDF : 512463.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.470+/-0.008 χ^2/NDF : 817739.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -337.177 $\pm$ 75.542 χ^2 /NDF: 61.1/17

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

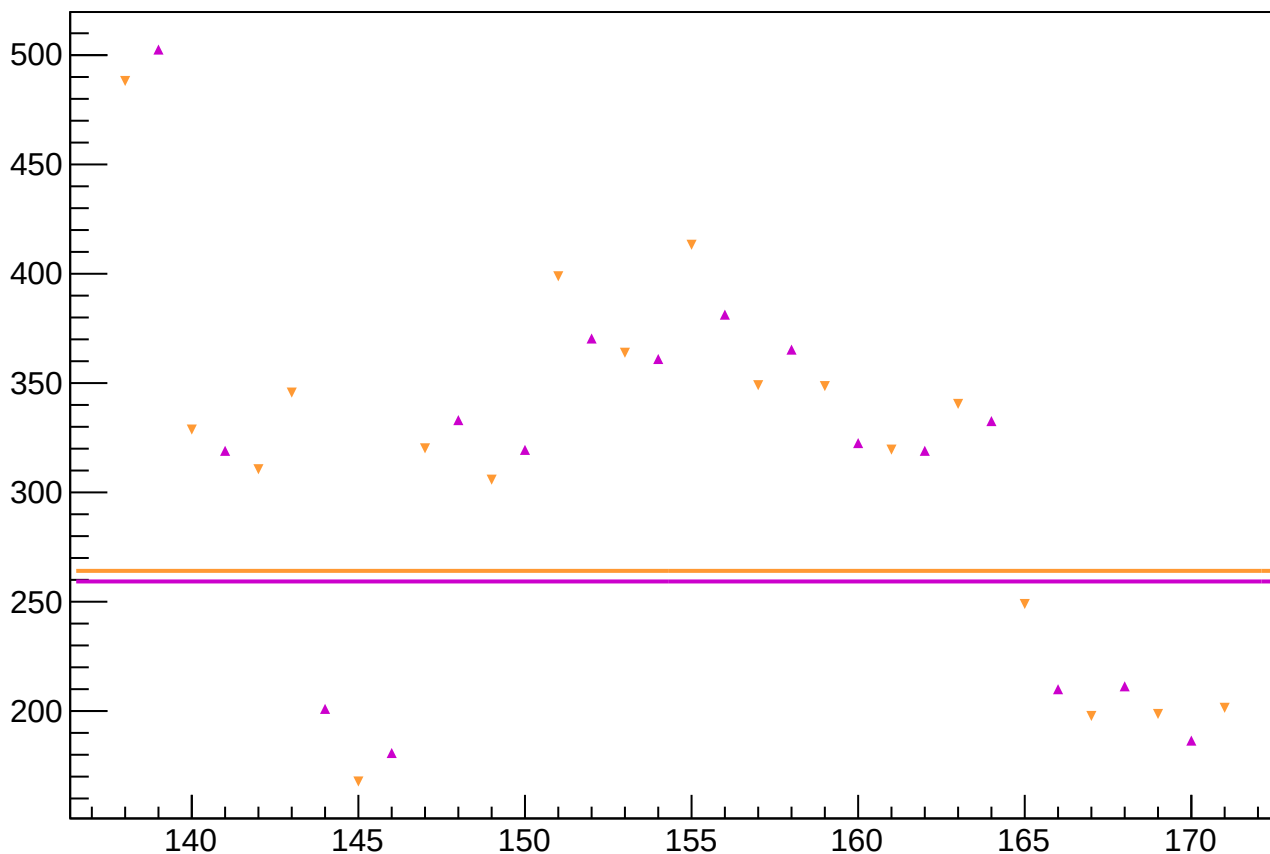
Left In: 57.854 $\pm$ 76.702 χ^2 /NDF: 12.2/15

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

All: -142.672 $\pm$ 53.822 χ^2 /NDF: 86.8/33

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

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 264.108+/-0.053 χ^2/NDF :2358448.5/17

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

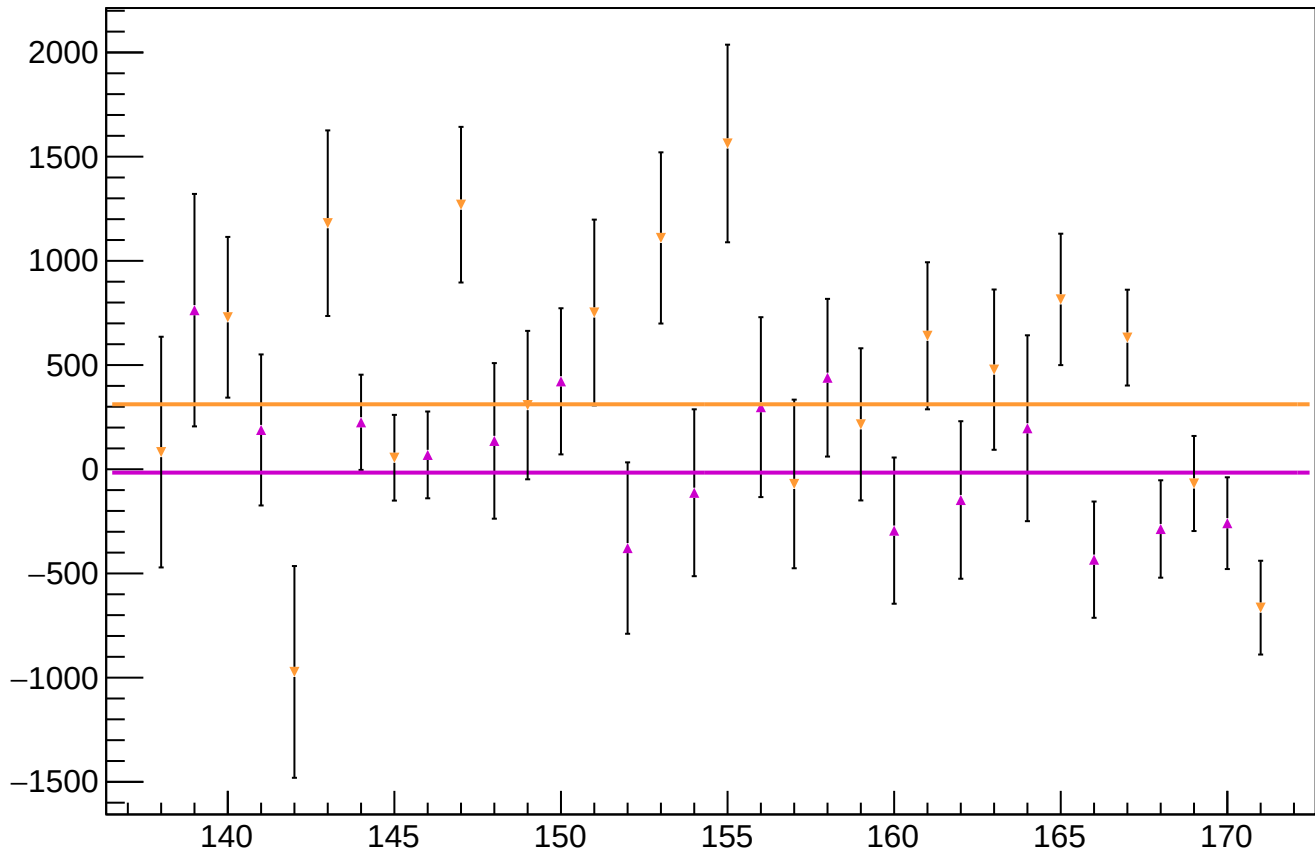
Left In: 259.261+/-0.054 χ^2/NDF :2150878.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.722+/-0.038 χ^2/NDF : 4513381.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 311.762+/-76.842 χ^2/NDF :59.5/17

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

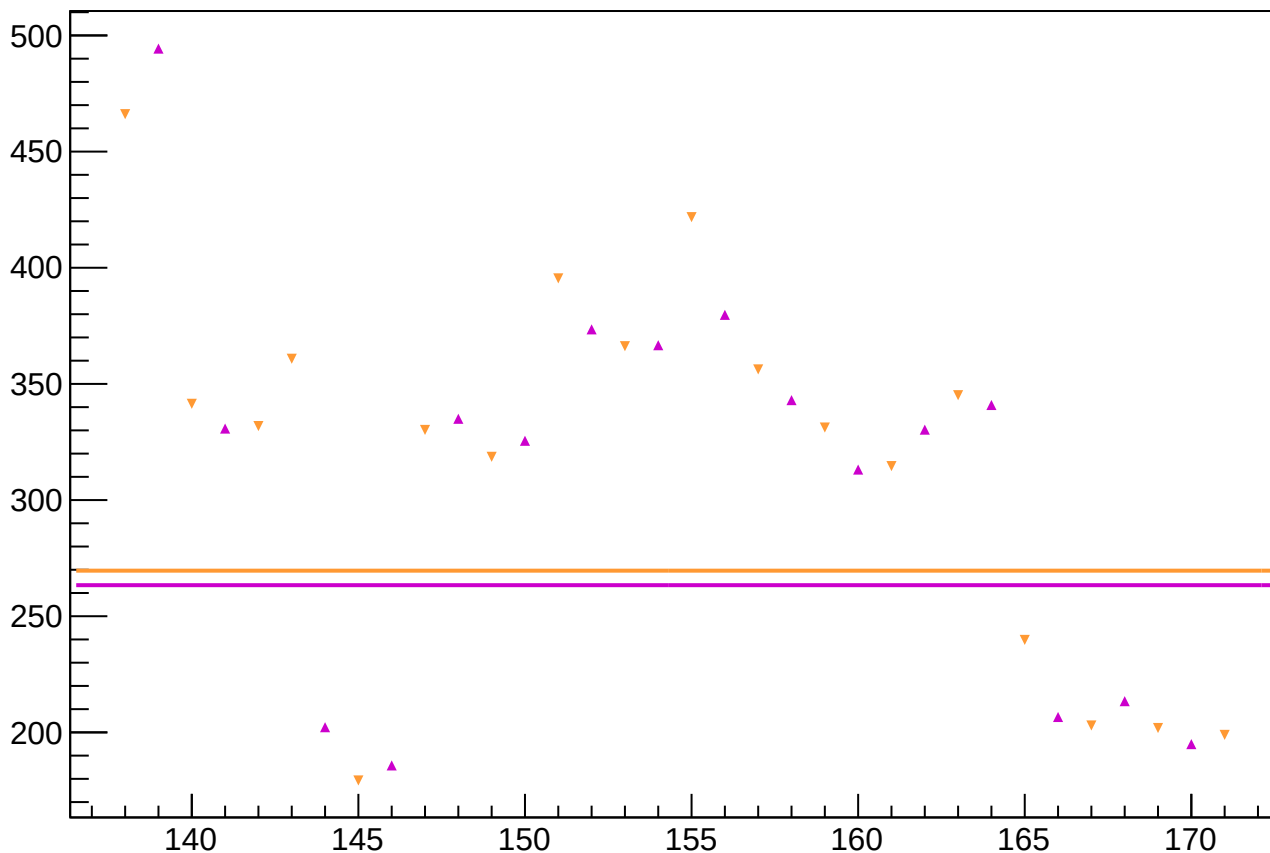
Left In: -16.155+/-77.896 χ^2/NDF :13.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.038+/-54.704 χ^2/NDF : 82.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



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

Left Out: 269.614+/-0.054 χ^2/NDF : 2205418.1/17

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

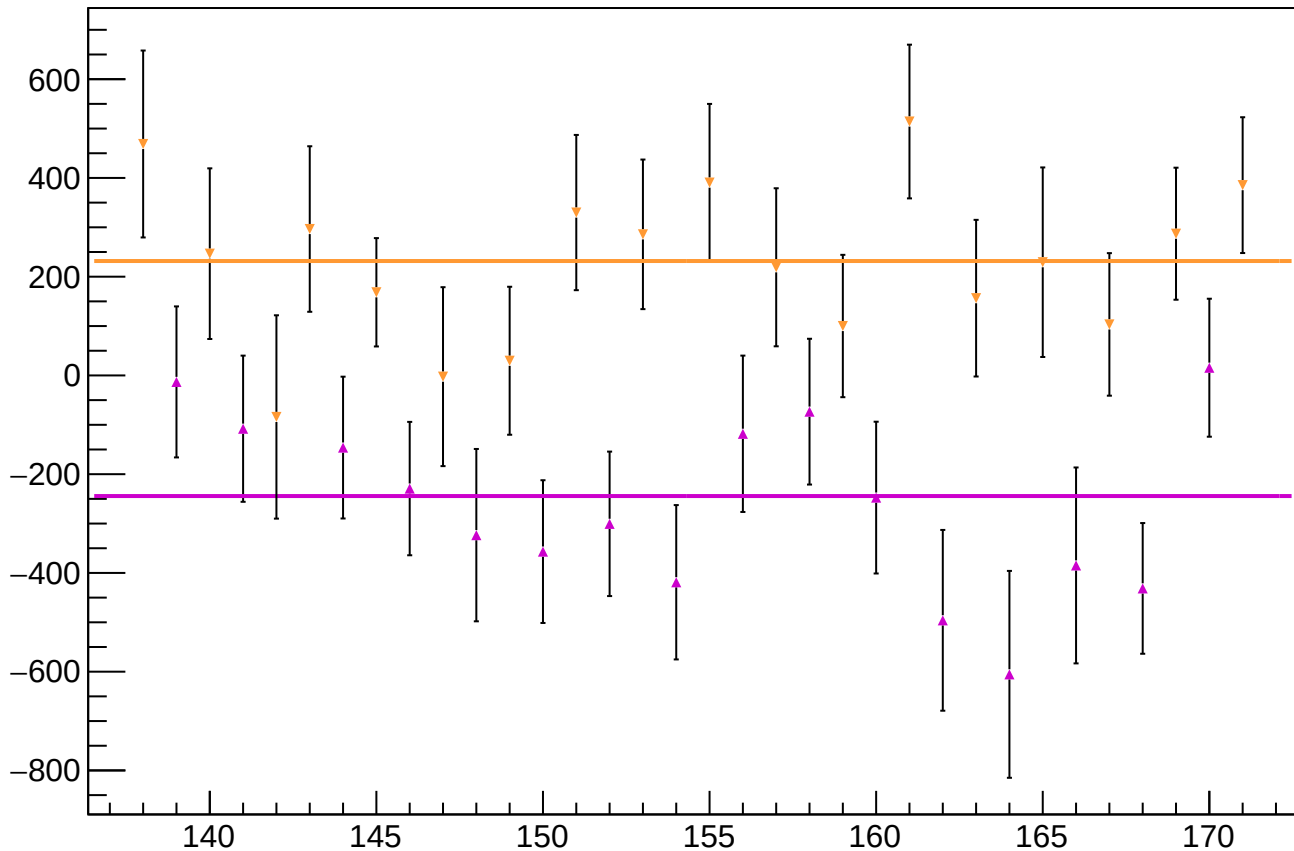
Left In: 263.365+/-0.055 χ^2/NDF : 2010664.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.532+/-0.039 χ^2/NDF : 4222605.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 231.722 $\pm$ 36.415 χ^2 /NDF:16.0/17

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

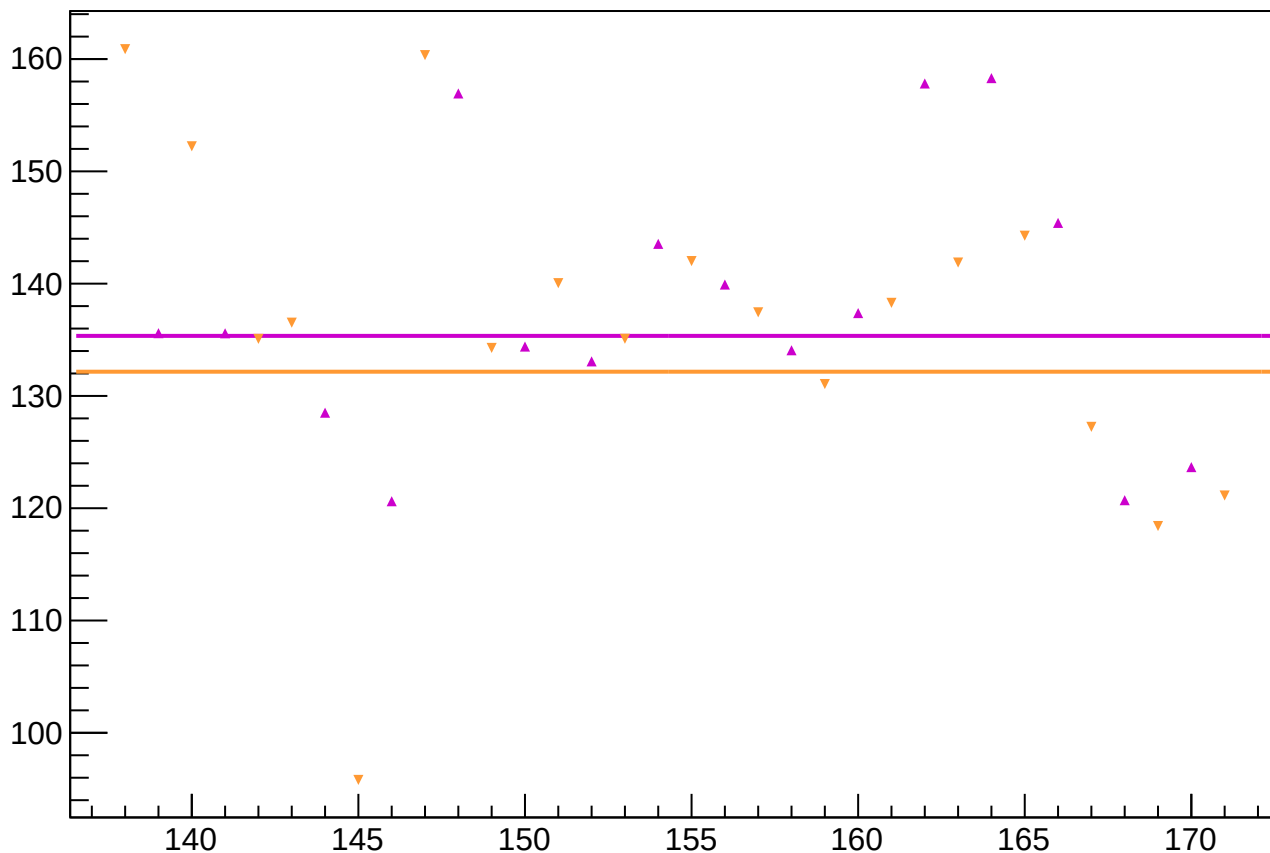
Left In: -244.285 $\pm$ 38.506 χ^2 /NDF:18.6/15

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

All: 6.995 $\pm$ 26.457 χ^2 /NDF: 115.3/33

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

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 132.158+/-0.026 χ^2/NDF : 413761.9/17

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

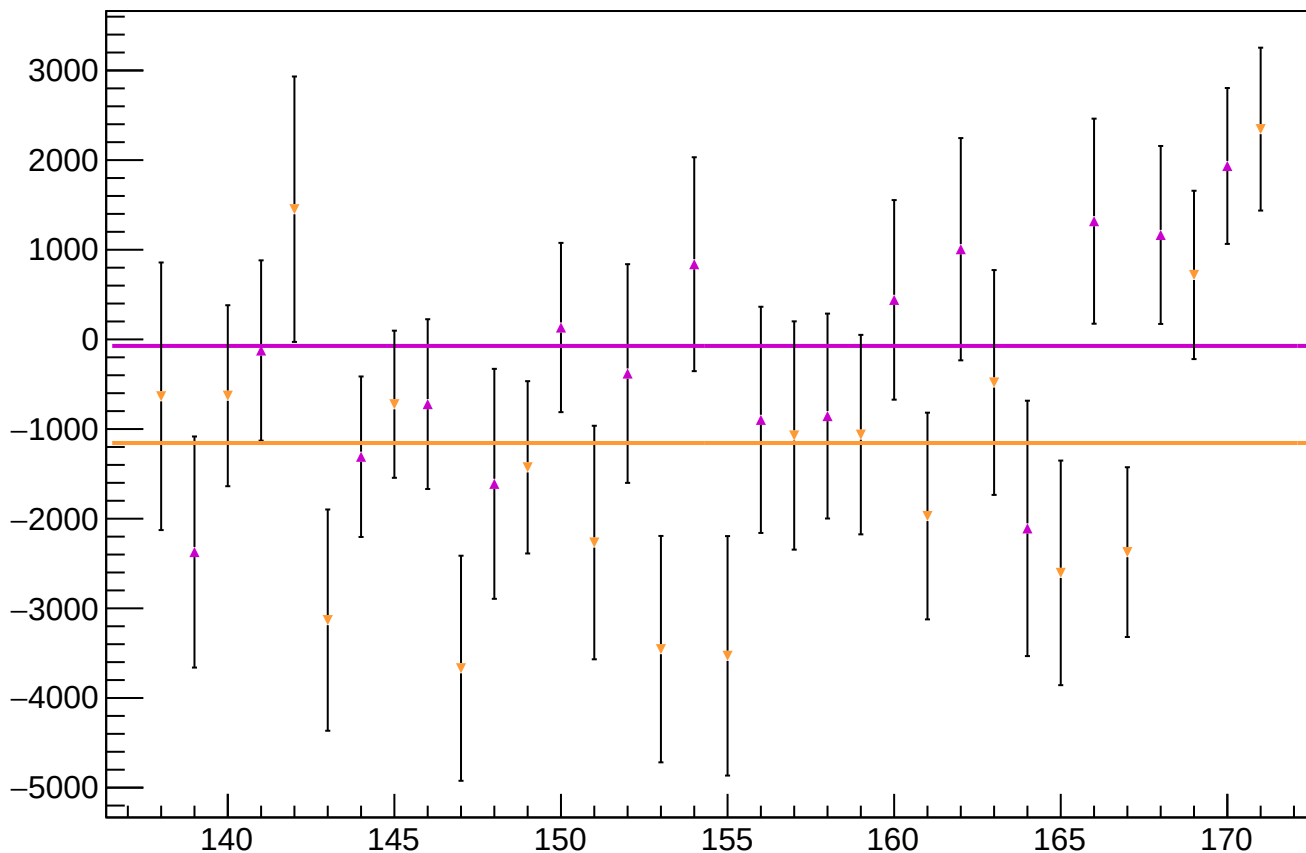
Left In: 135.349+/-0.027 χ^2/NDF : 164886.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.665+/-0.019 χ^2/NDF : 585896.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1155.465+/-263.209 χ^2/NDF : 40.3/17

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

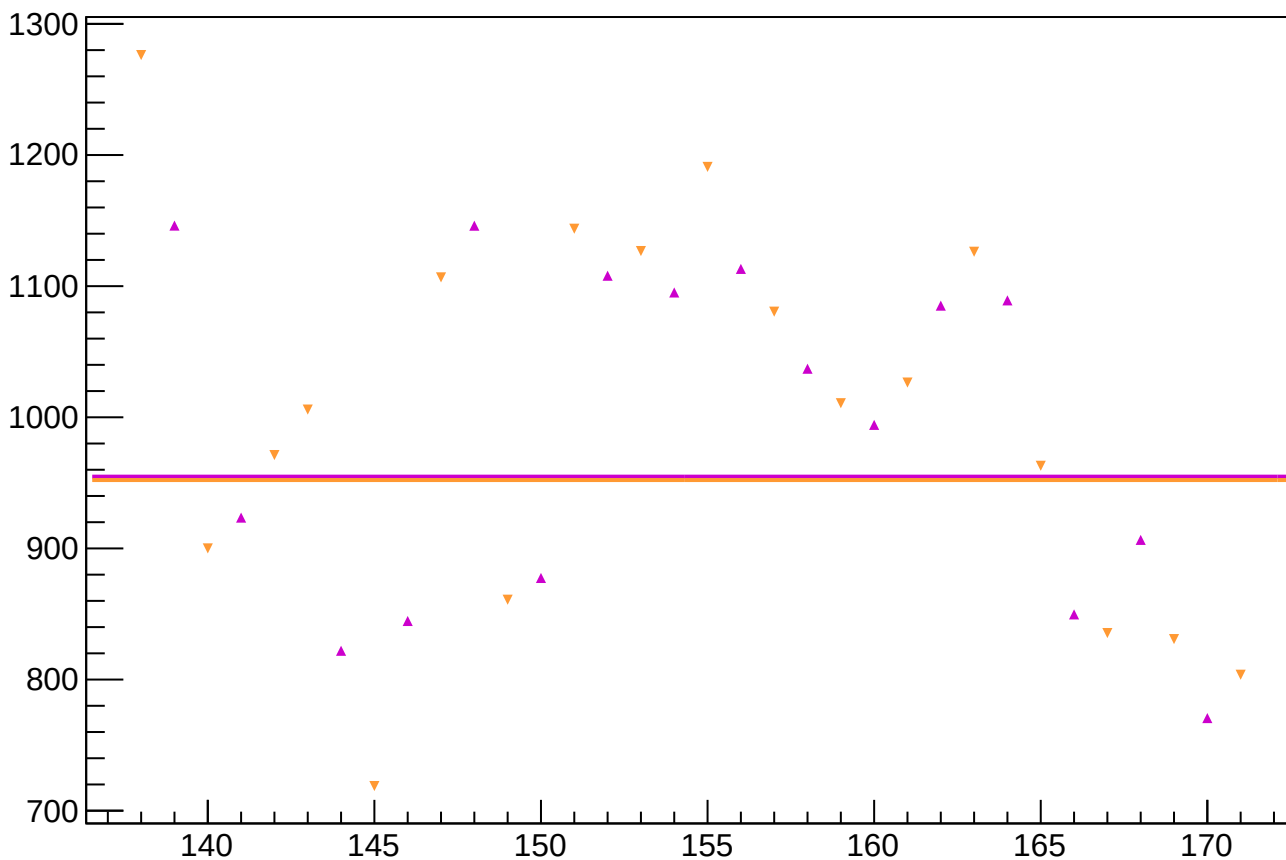
Left In: -72.819+/-272.105 χ^2/NDF : 20.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -632.130+/-189.184 χ^2/NDF : 68.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 952.139+/-0.186 χ^2/NDF : 649363.2/17

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

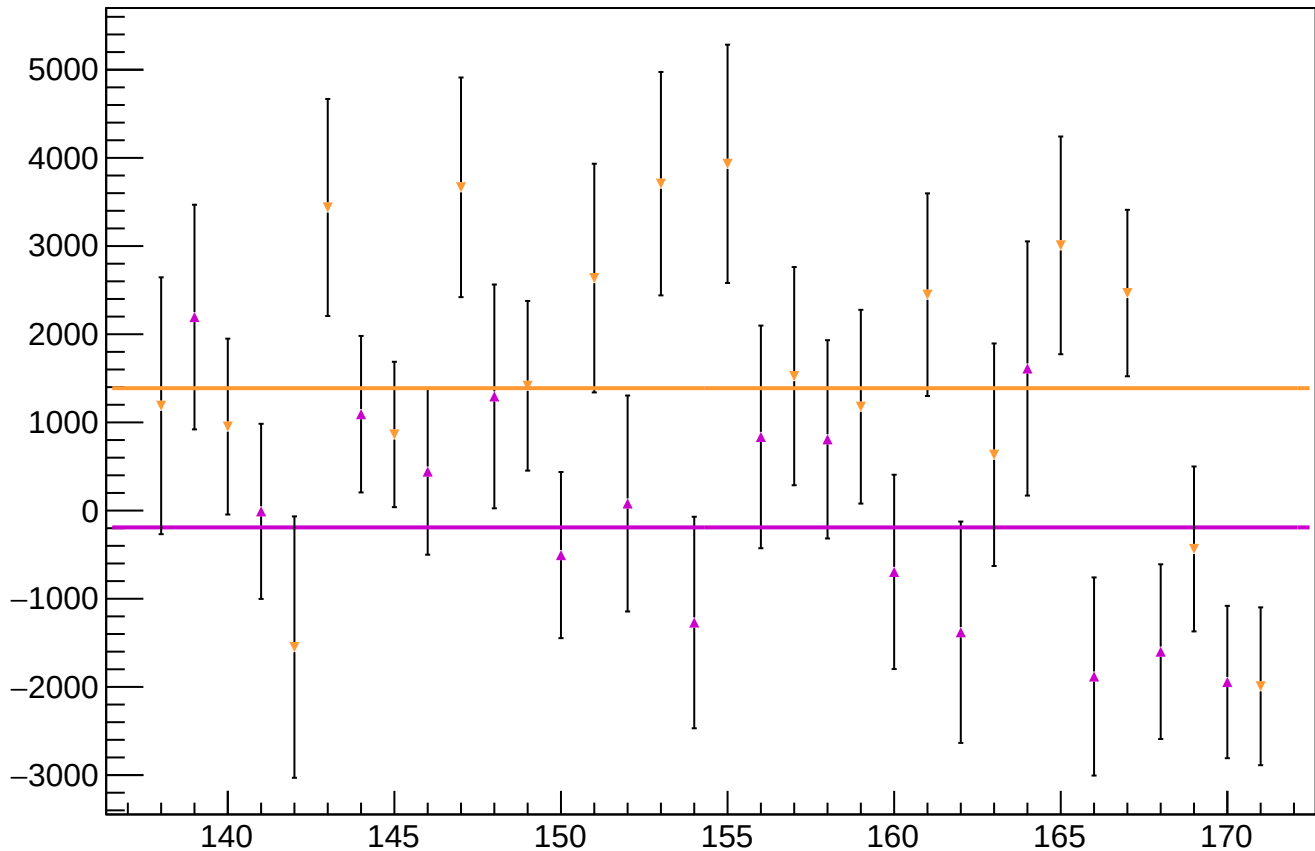
Left In: 954.735+/-0.192 χ^2/NDF : 429916.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.394+/-0.134 χ^2/NDF : 1079373.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1388.324+/-261.795 χ^2/NDF : 40.8/17

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

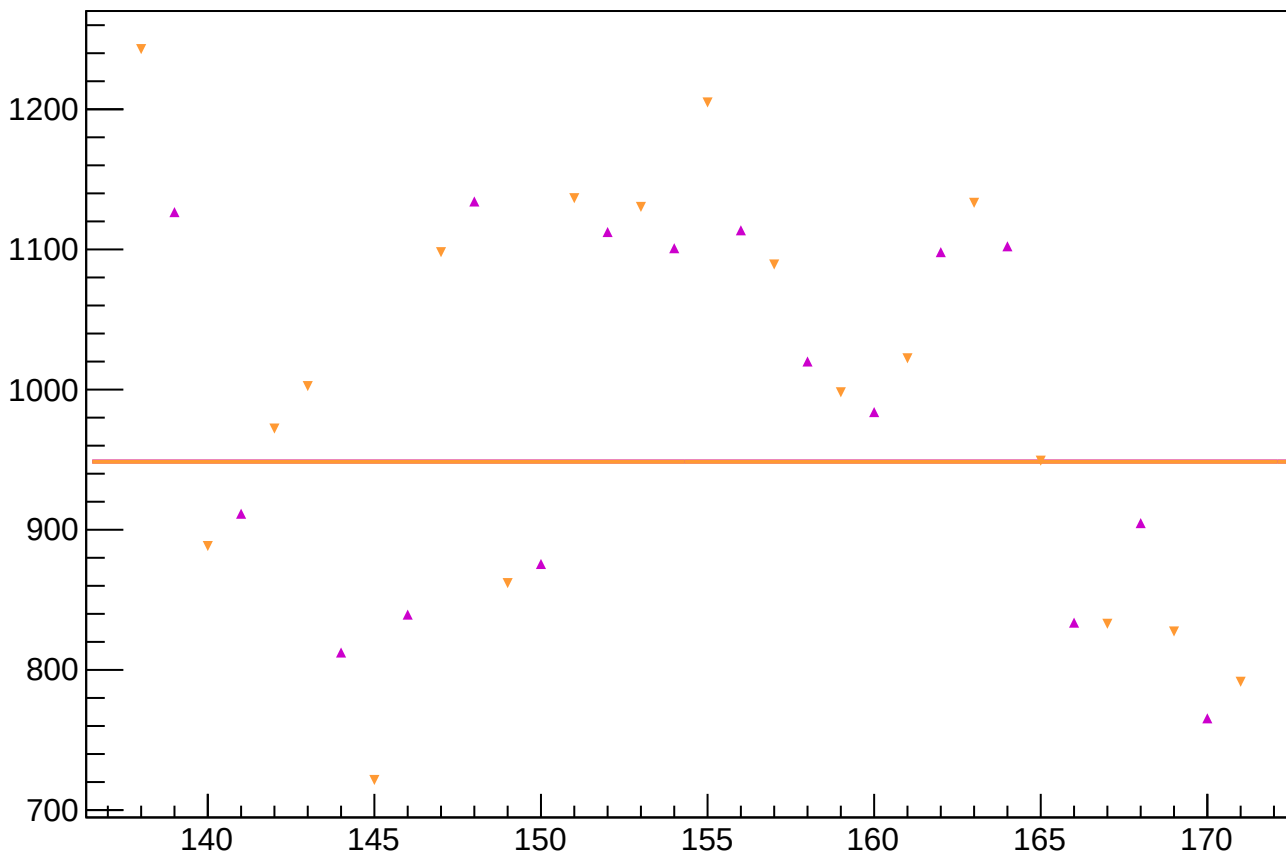
Left In: -190.679+/-270.730 χ^2/NDF : 21.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.309+/-188.197 χ^2/NDF : 79.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



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

Left Out: 948.519+/-0.185 χ^2/NDF : 651389.2/17

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

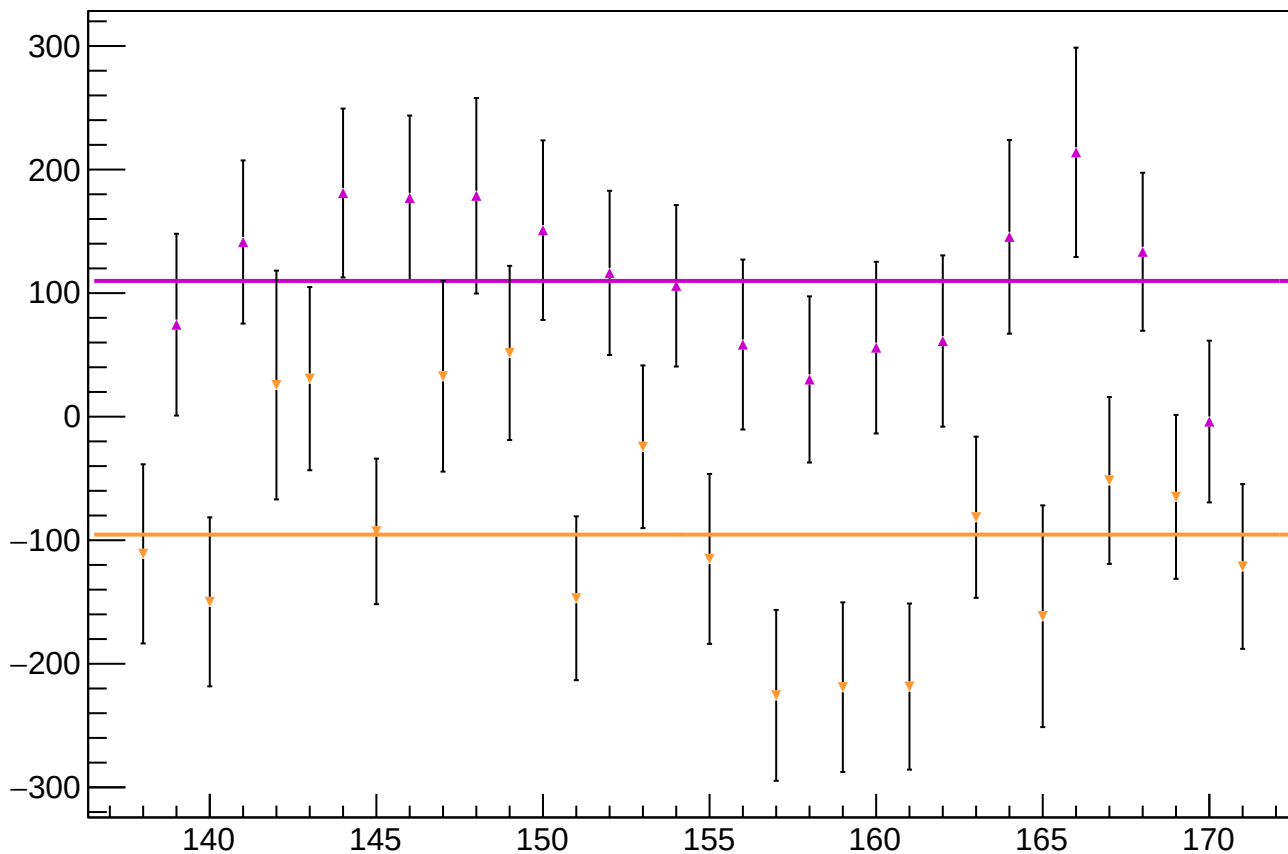
Left In: 948.697+/-0.191 χ^2/NDF : 448670.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.605+/-0.133 χ^2/NDF : 1100059.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -95.434 $\pm$ 16.433 χ^2 /NDF:25.7/17

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

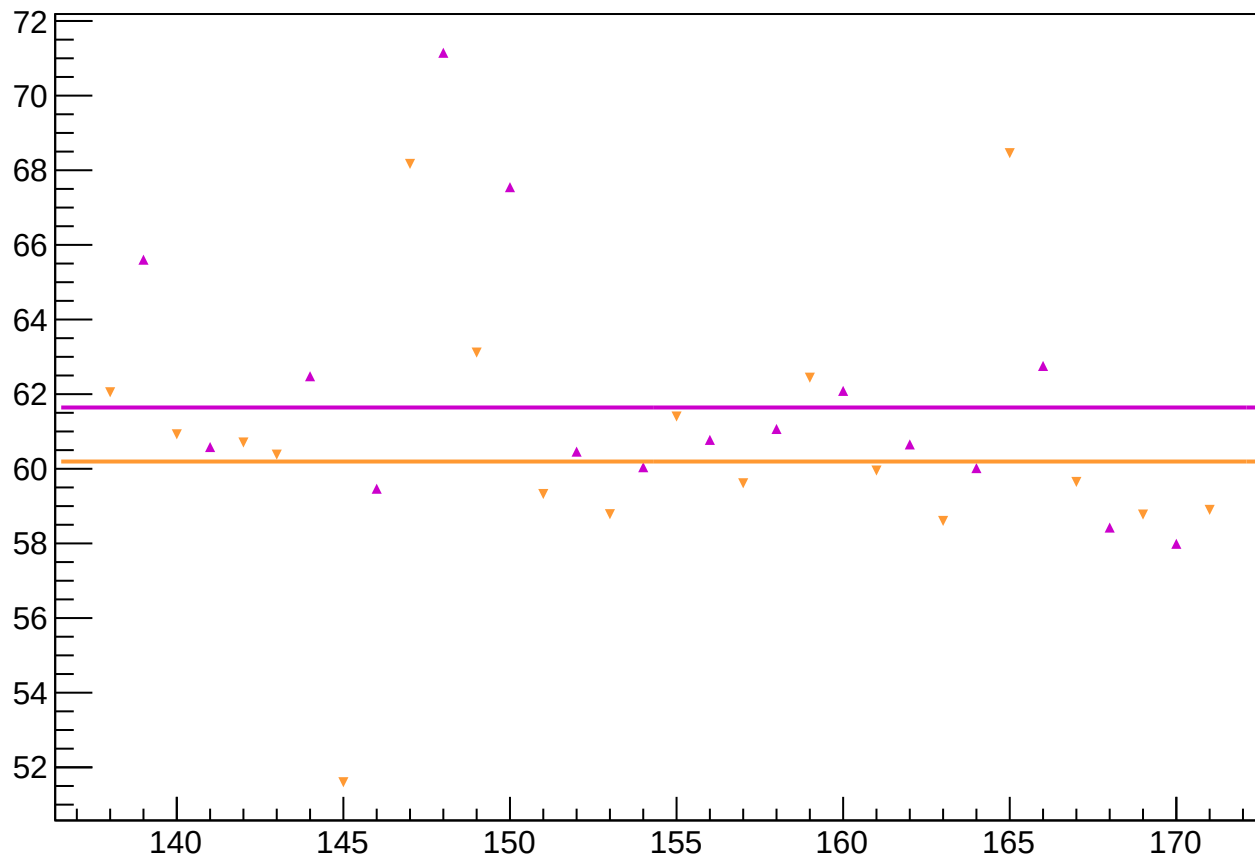
Left In: 109.878 $\pm$ 17.432 χ^2 /NDF:11.6/15

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

All: 1.171 $\pm$ 11.957 χ^2 /NDF: 110.8/33

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

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.195+/-0.012 χ^2/NDF :93136.3/17

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

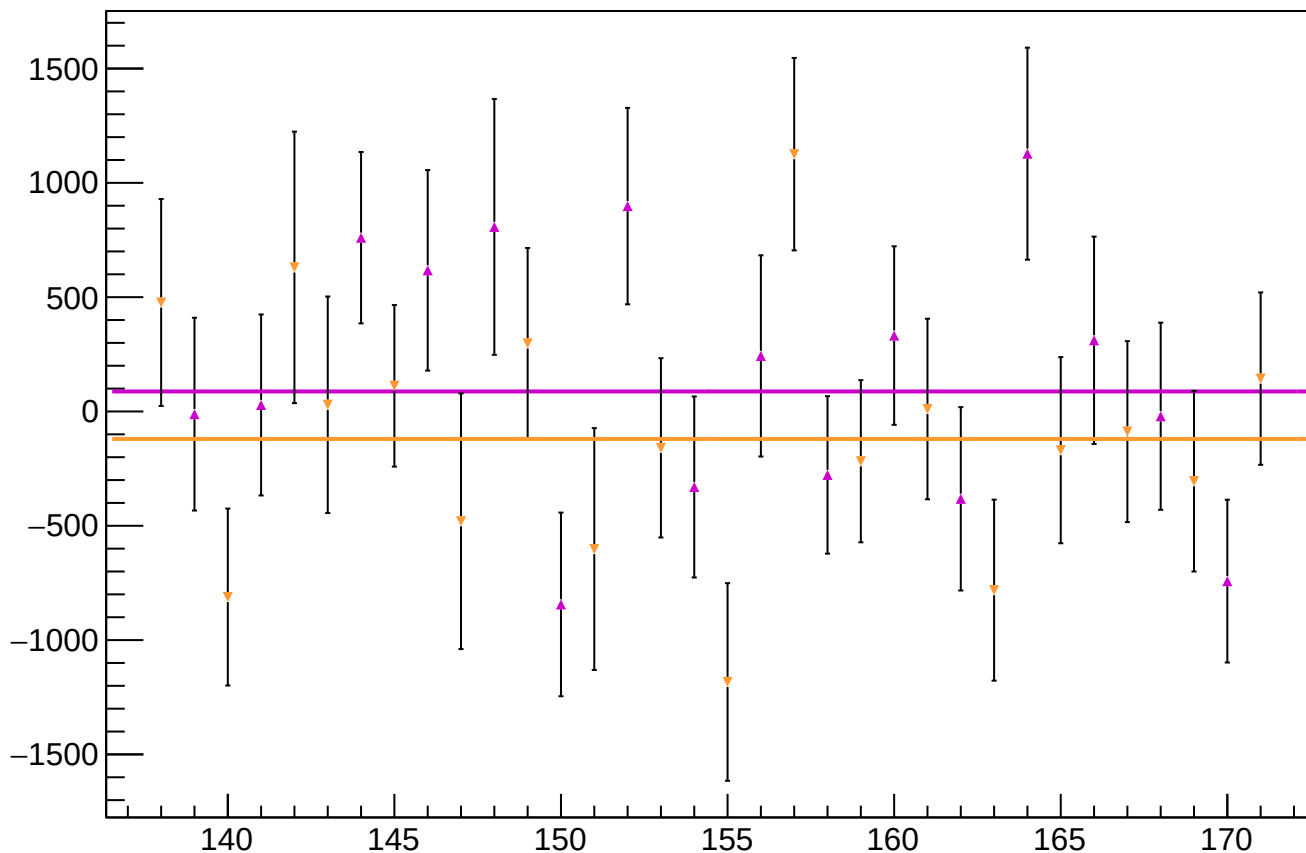
Left In: 61.643+/-0.012 χ^2/NDF :66112.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.876+/-0.008 χ^2/NDF : 166554.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -120.215 $\pm$ 98.310 χ^2 /NDF:27.8/17

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

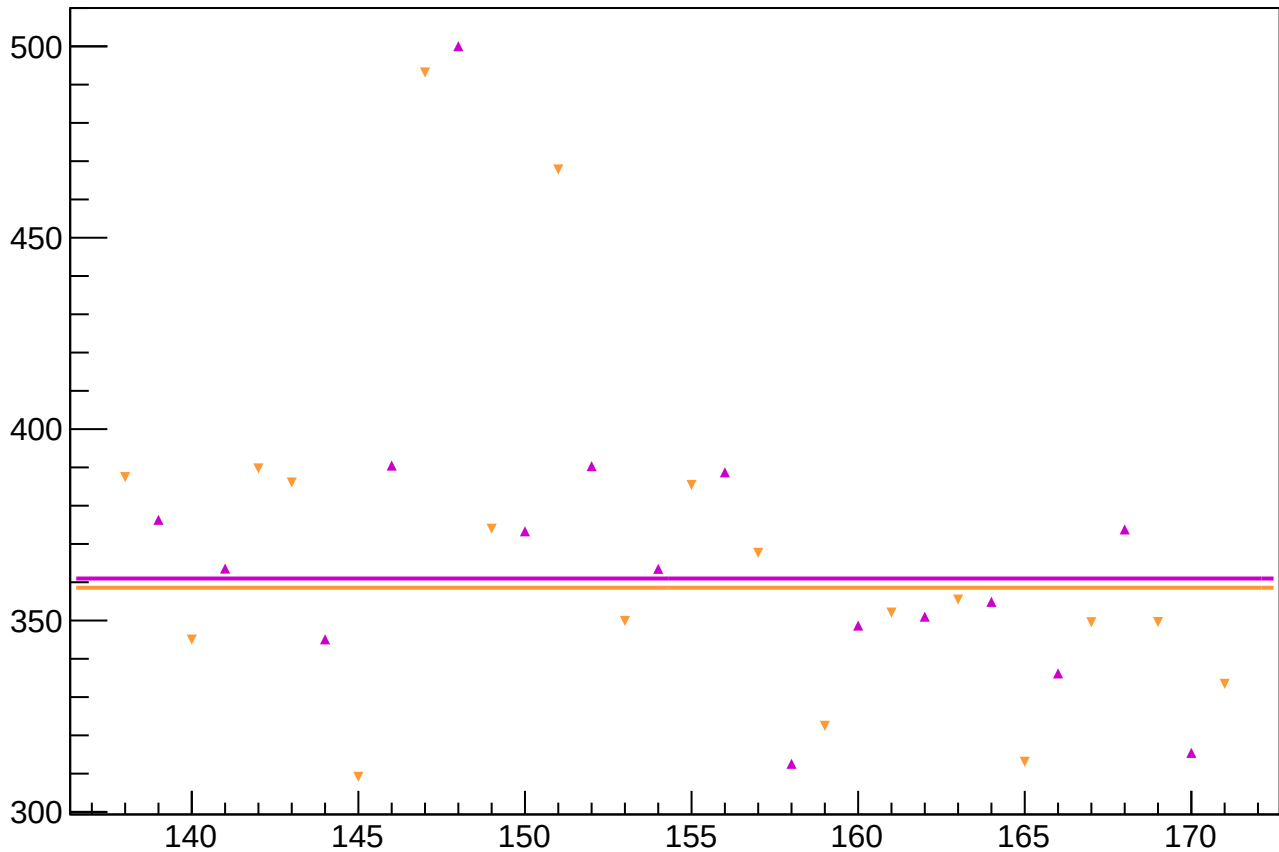
Left In: 87.558 $\pm$ 102.456 χ^2 /NDF:30.3/15

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

All: -20.617 $\pm$ 70.936 χ^2 /NDF: 60.2/33

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

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 358.566+/-0.070 χ^2/NDF : 332765.0/17

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

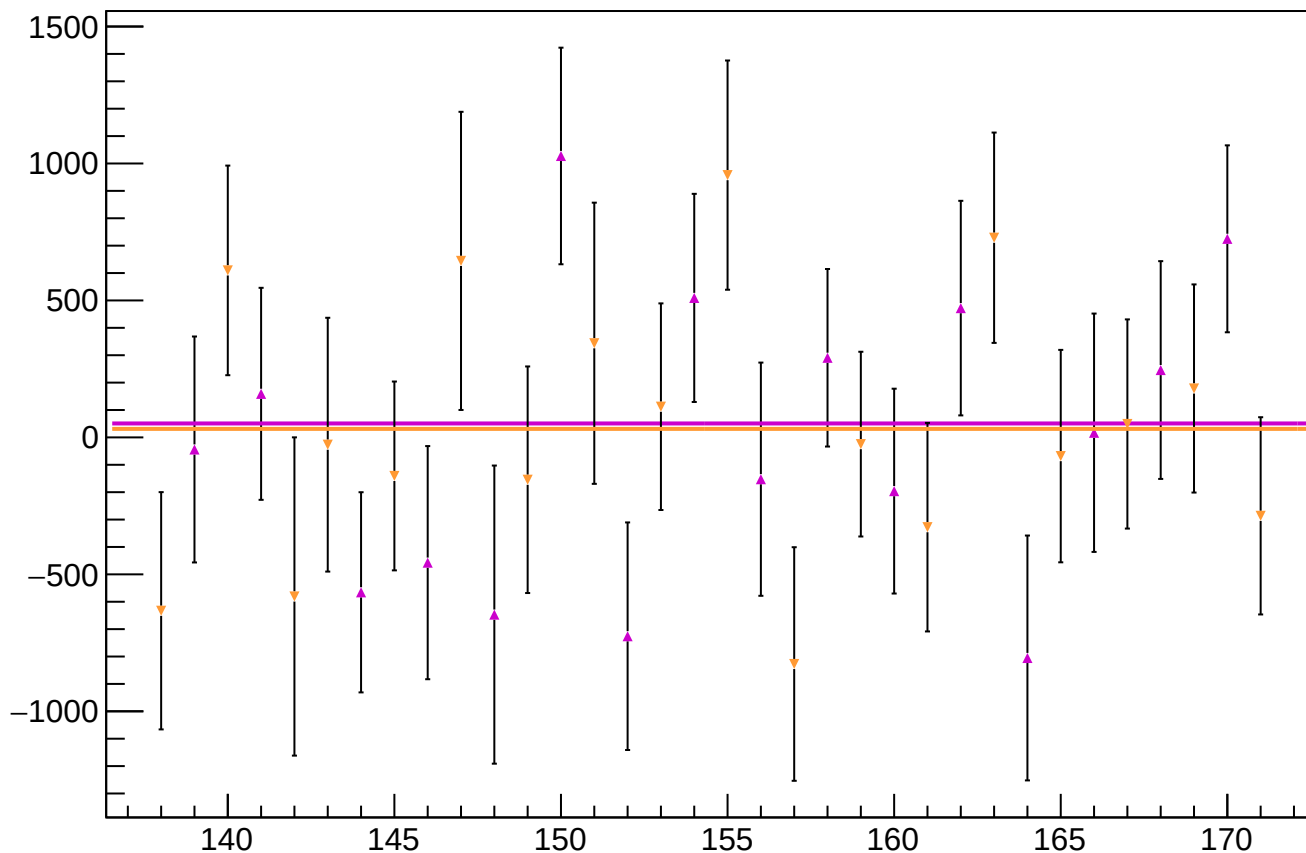
Left In: 360.973+/-0.072 χ^2/NDF : 241890.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.720+/-0.050 χ^2/NDF : 575230.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 31.072 $\pm$ 95.308 χ^2 /NDF:22.1/17

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

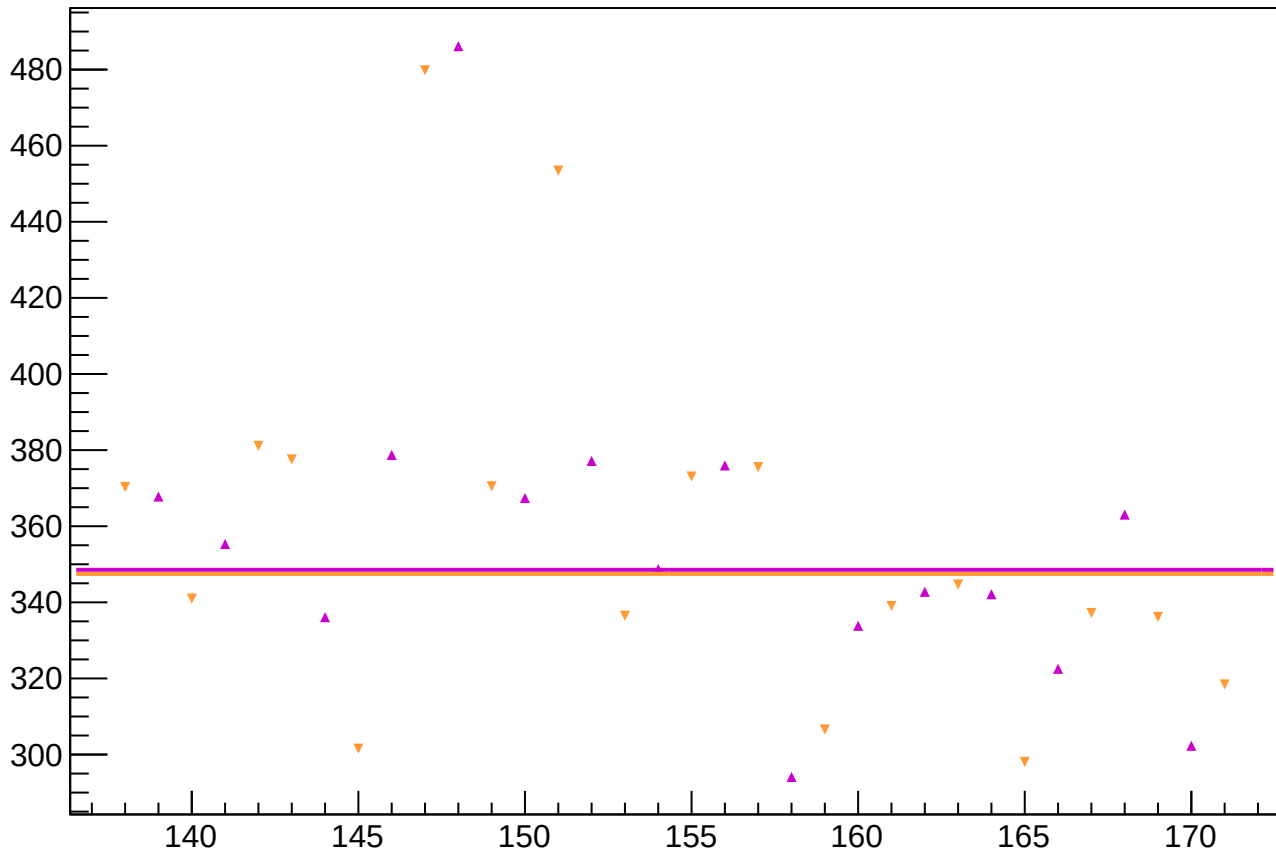
Left In: 50.913 $\pm$ 99.026 χ^2 /NDF:27.3/15

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

All: 40.613 $\pm$ 68.670 χ^2 /NDF: 49.4/33

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

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 347.468+/-0.067 χ^2/NDF : 363563.1/17

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

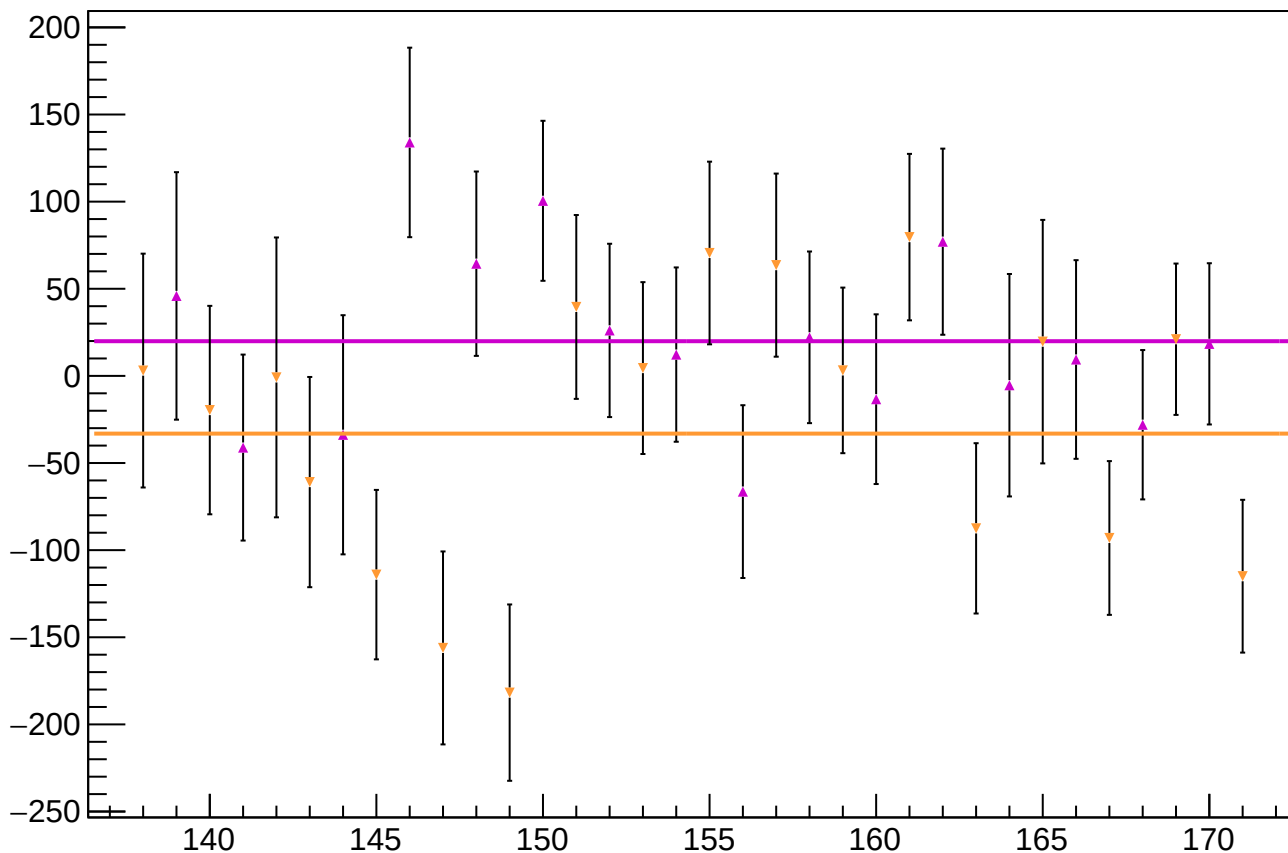
Left In: 348.547+/-0.070 χ^2/NDF : 274501.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.987+/-0.049 χ^2/NDF : 638188.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -33.124 $\pm$ 12.275 χ^2 /NDF:41.7/17

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

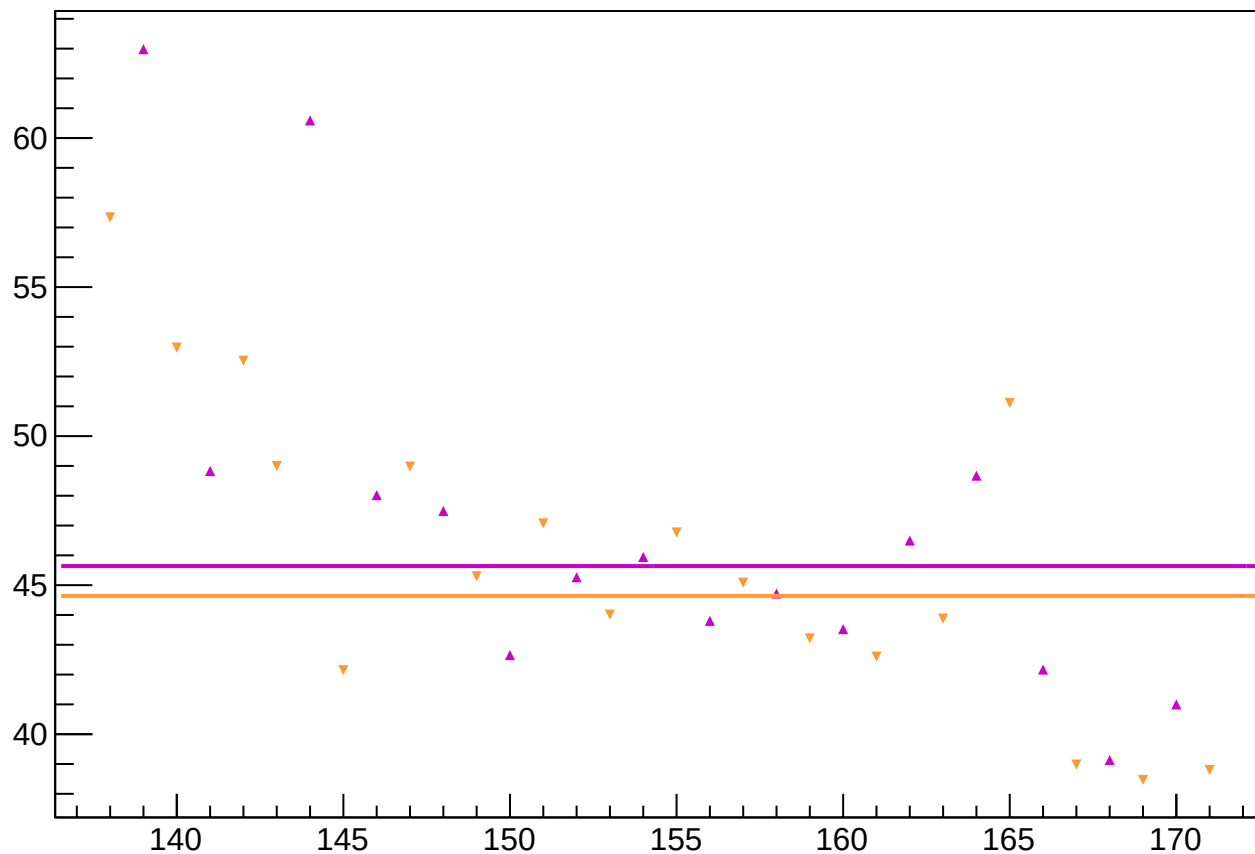
Left In: 19.908 $\pm$ 13.028 χ^2 /NDF:16.4/15

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

All: -8.185 $\pm$ 8.934 χ^2 /NDF: 66.8/33

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

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 44.640+/-0.009 χ^2/NDF : 298005.4/17

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

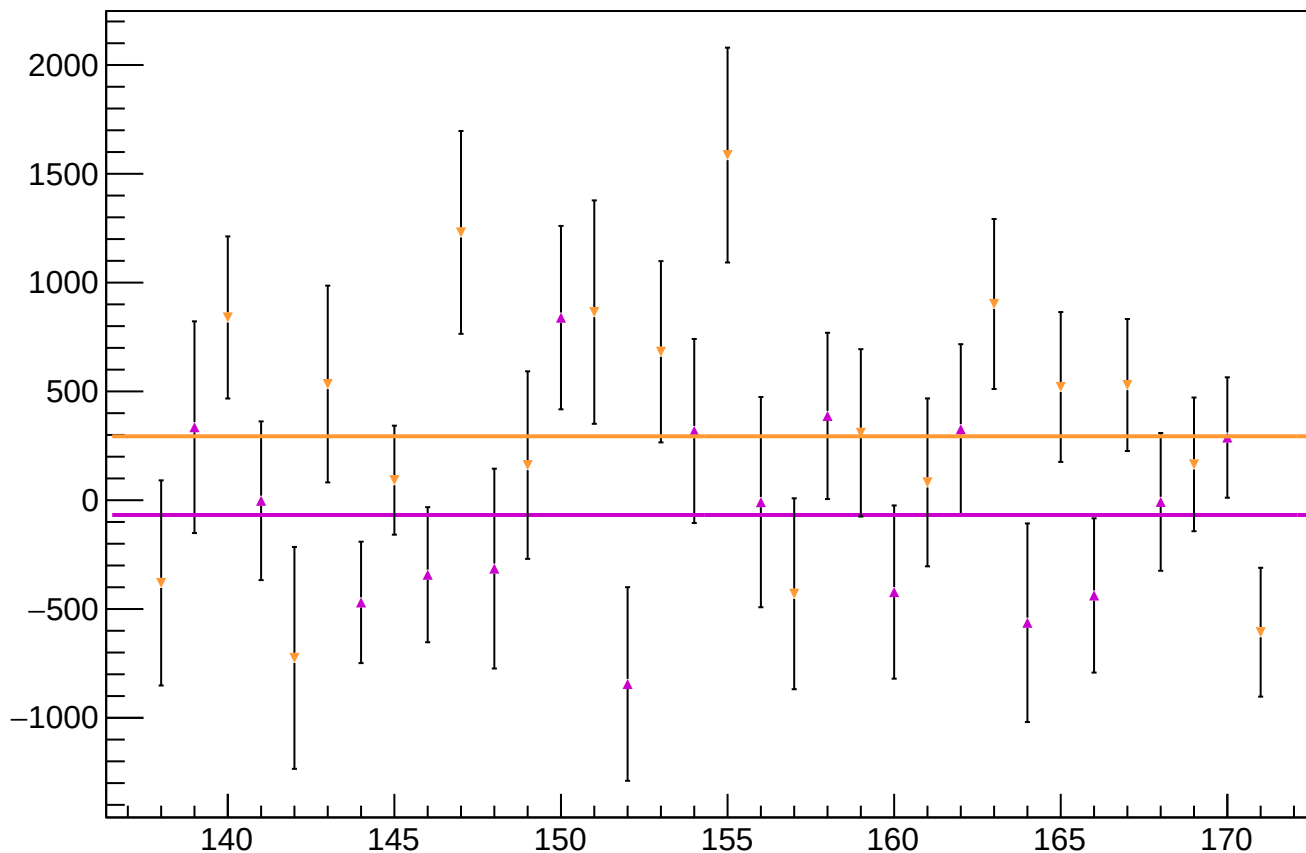
Left In: 45.641+/-0.009 χ^2/NDF : 322132.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.111+/-0.006 χ^2/NDF : 626391.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 293.739+/-88.884 χ^2/NDF :38.1/17

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

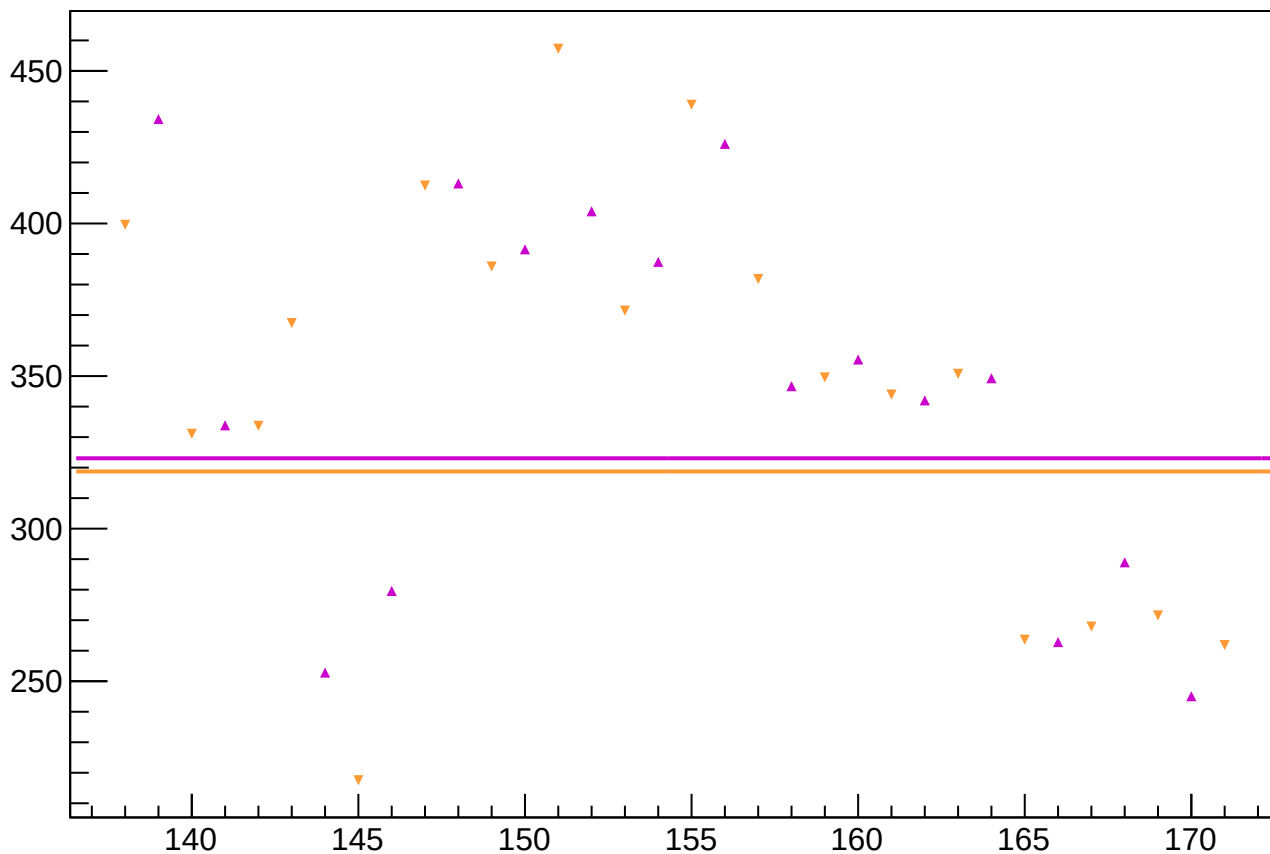
Left In: -67.859+/-92.930 χ^2/NDF :19.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.983+/-64.233 χ^2/NDF : 65.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 318.733+/-0.063 χ^2/NDF :1142573.7/17

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

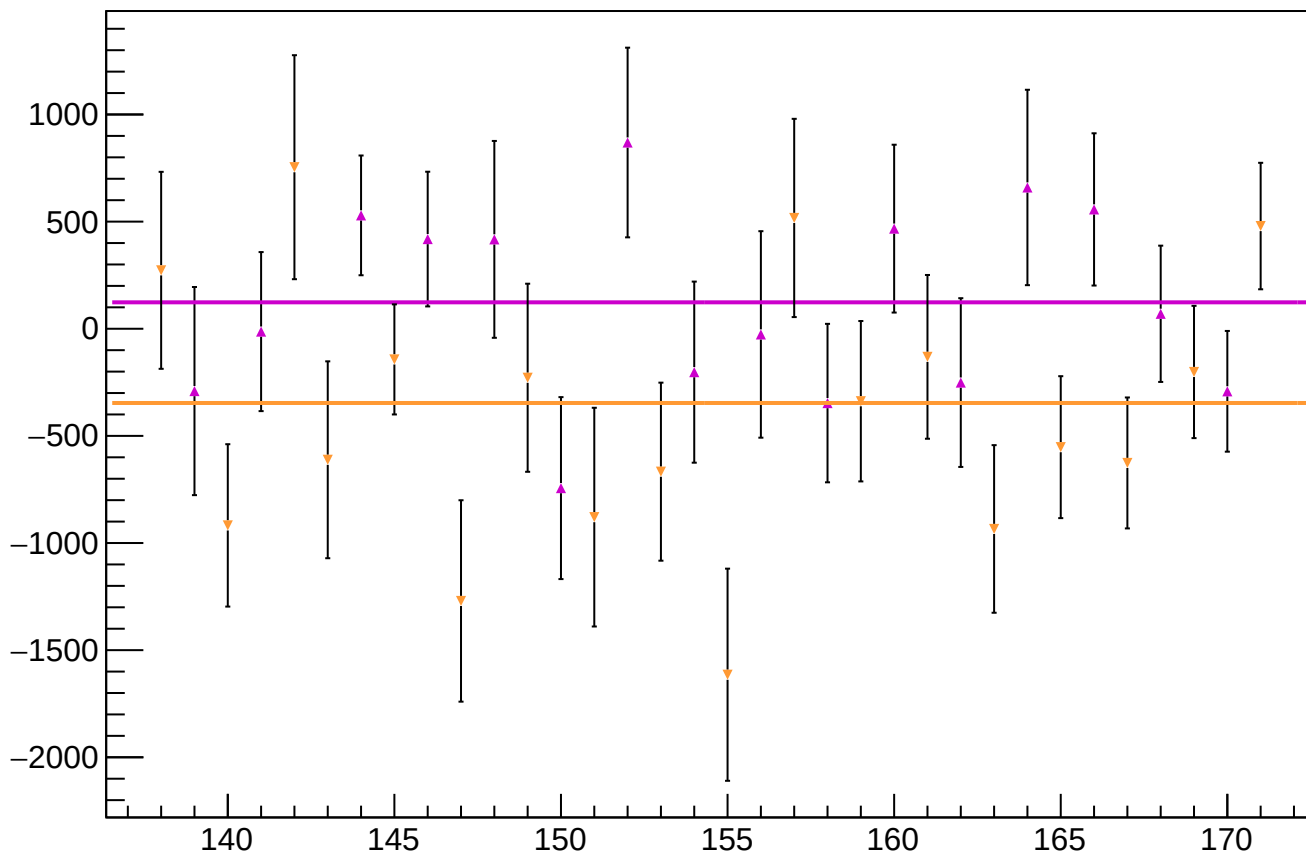
Left In: 323.057+/-0.066 χ^2/NDF :877543.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.799+/-0.045 χ^2/NDF : 2022378.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -346.436 $\pm$ 89.203 χ^2 /NDF:37.0/17

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

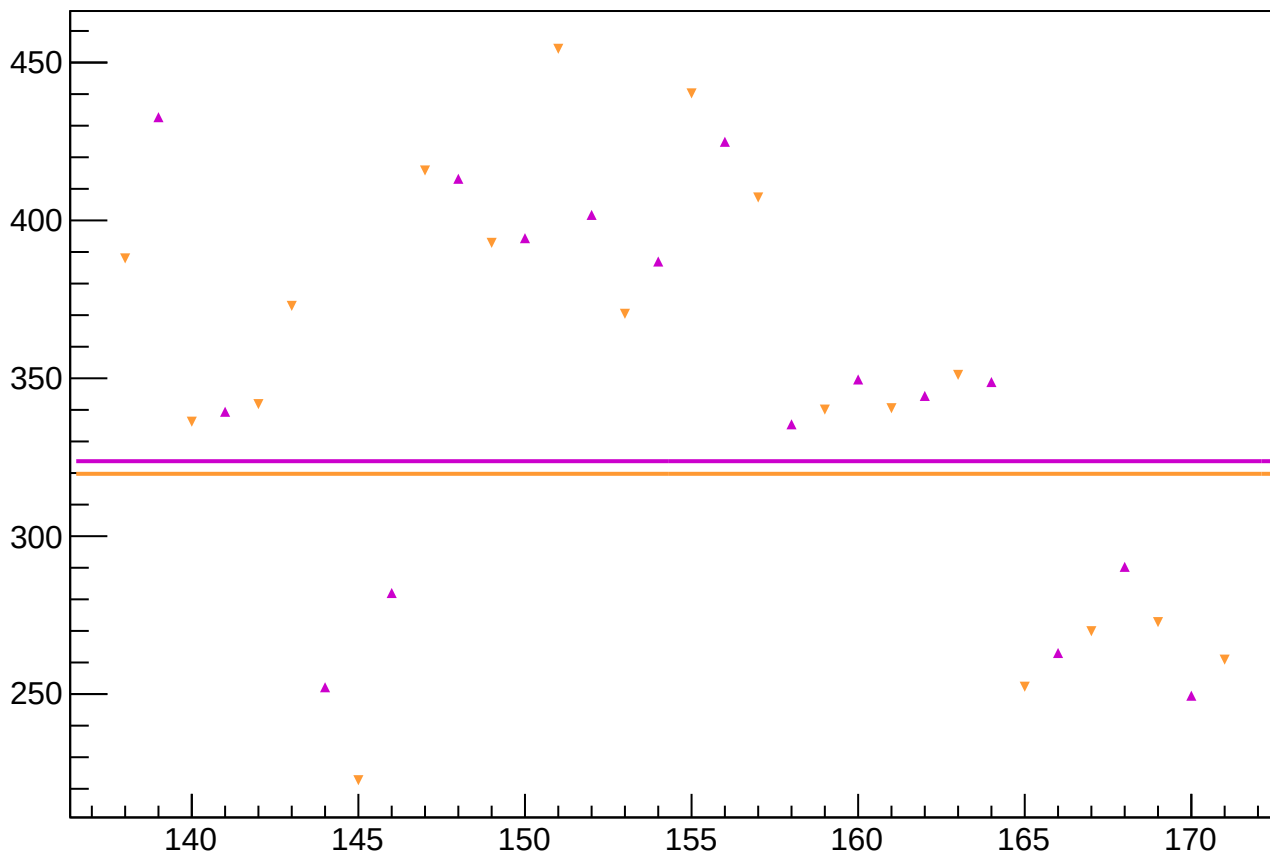
Left In: 123.315 $\pm$ 93.160 χ^2 /NDF:20.3/15

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

All: -121.750 $\pm$ 64.430 χ^2 /NDF: 70.6/33

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

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 319.753+/-0.063 χ^2/NDF :1148128.1/17

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

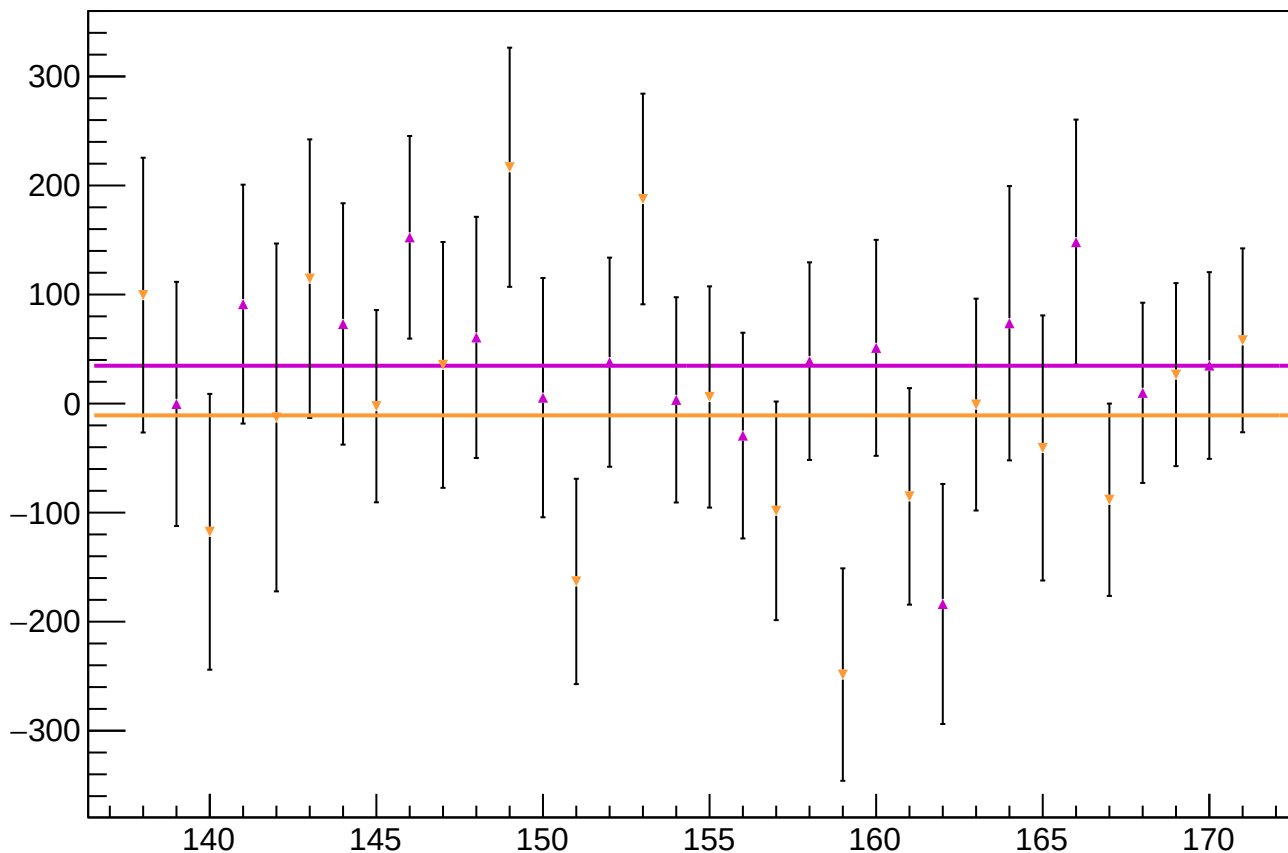
Left In: 323.750+/-0.066 χ^2/NDF :838808.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.665+/-0.046 χ^2/NDF : 1988857.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -10.801 ± 24.078 χ^2/NDF : 22.8/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

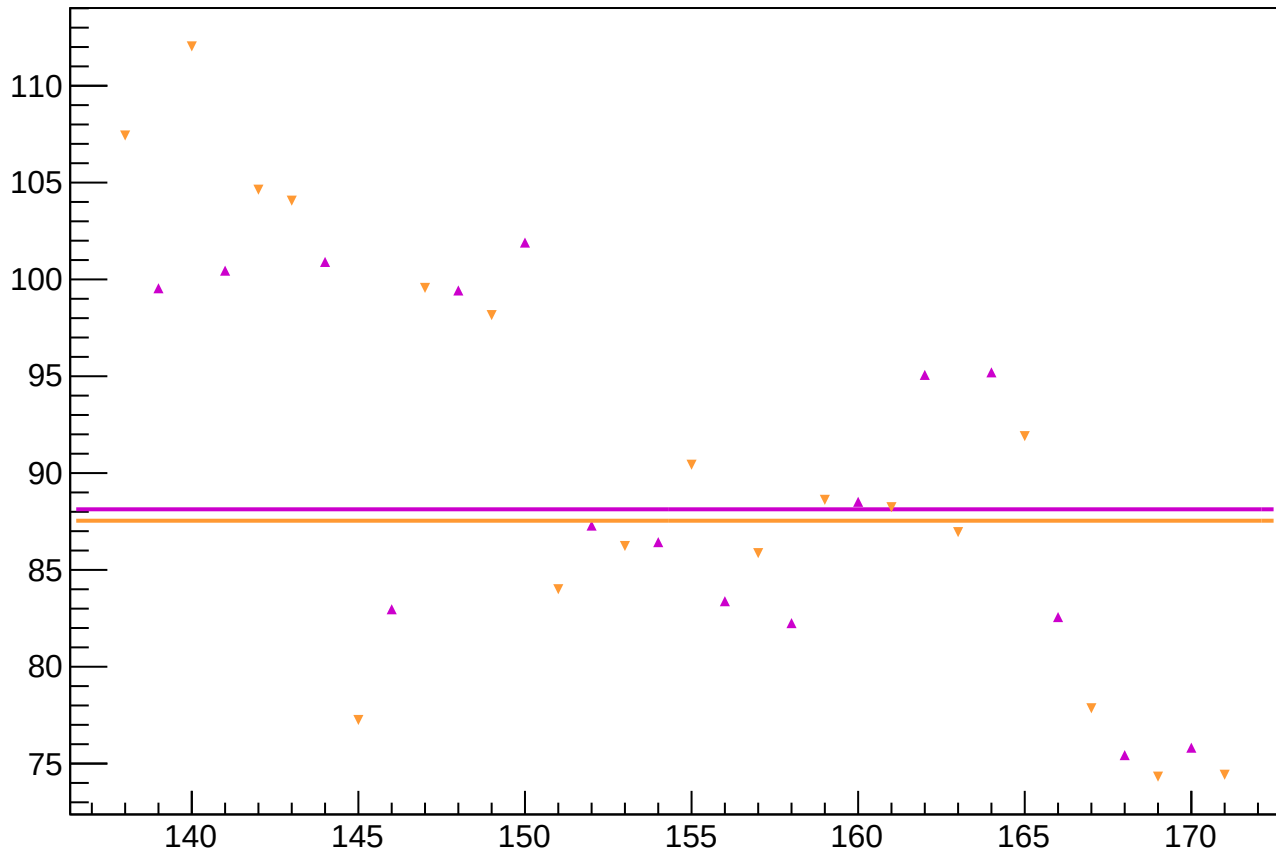
Left In: 34.705 ± 25.071 χ^2/NDF : 8.0/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 11.032 ± 17.366 χ^2/NDF : 32.4/33

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 87.540+/-0.017 χ^2/NDF : 380523.2/17

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

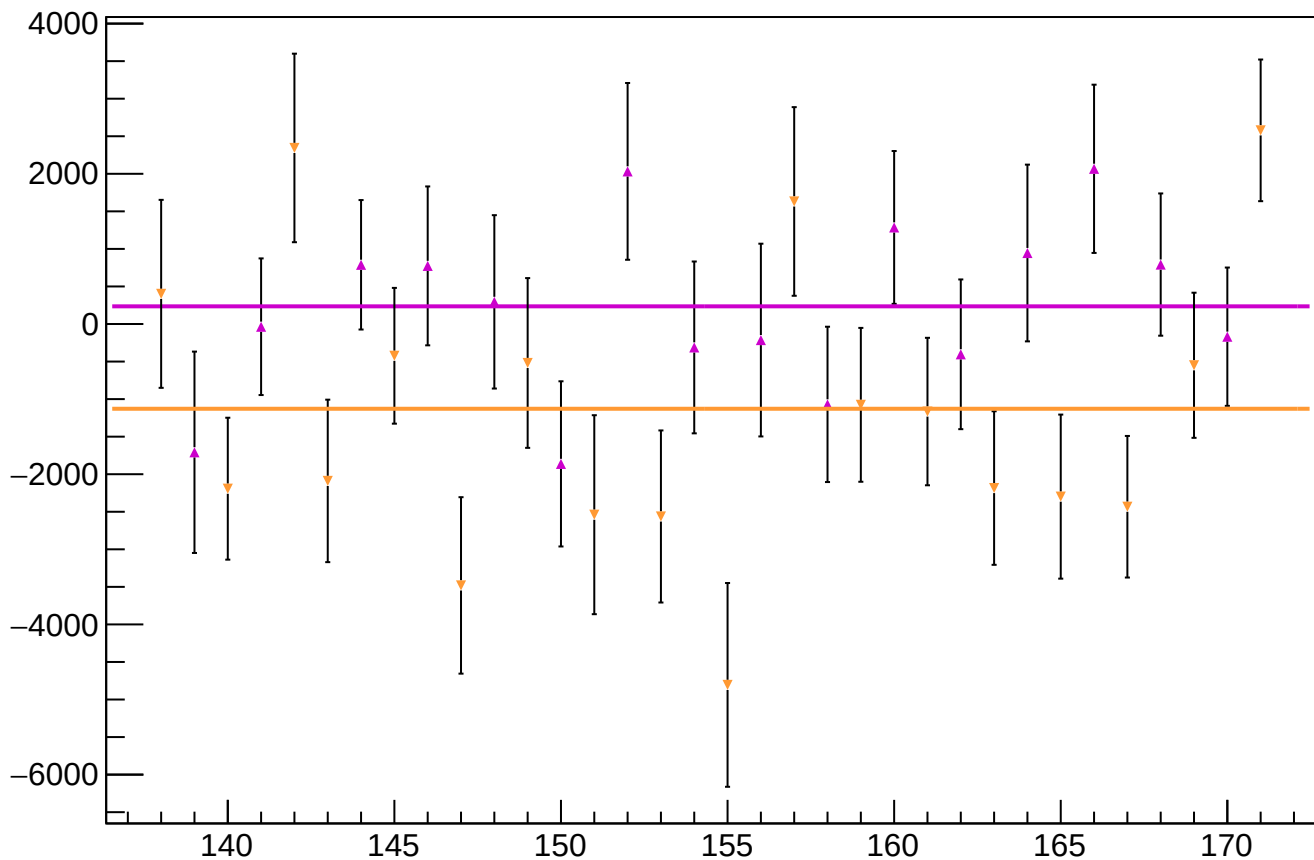
Left In: 88.129+/-0.018 χ^2/NDF : 253298.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.823+/-0.012 χ^2/NDF : 634395.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1128.465 $\pm$ 253.225 χ^2 /NDF:50.9/17

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

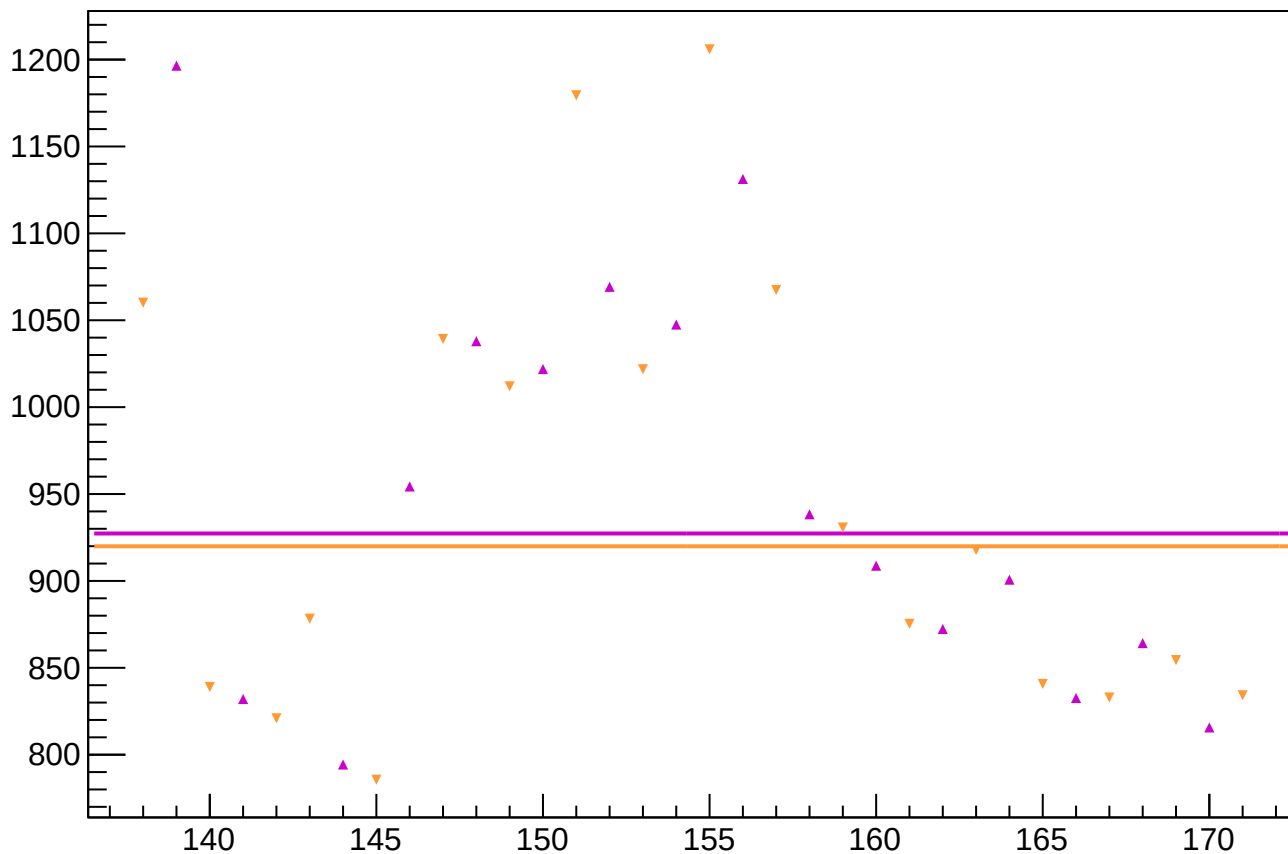
Left In: 235.298 $\pm$ 263.553 χ^2 /NDF:15.8/15

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

All: -473.827 $\pm$ 182.599 χ^2 /NDF: 80.7/33

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

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 919.929+/-0.179 χ^2/NDF : 399895.3/17

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

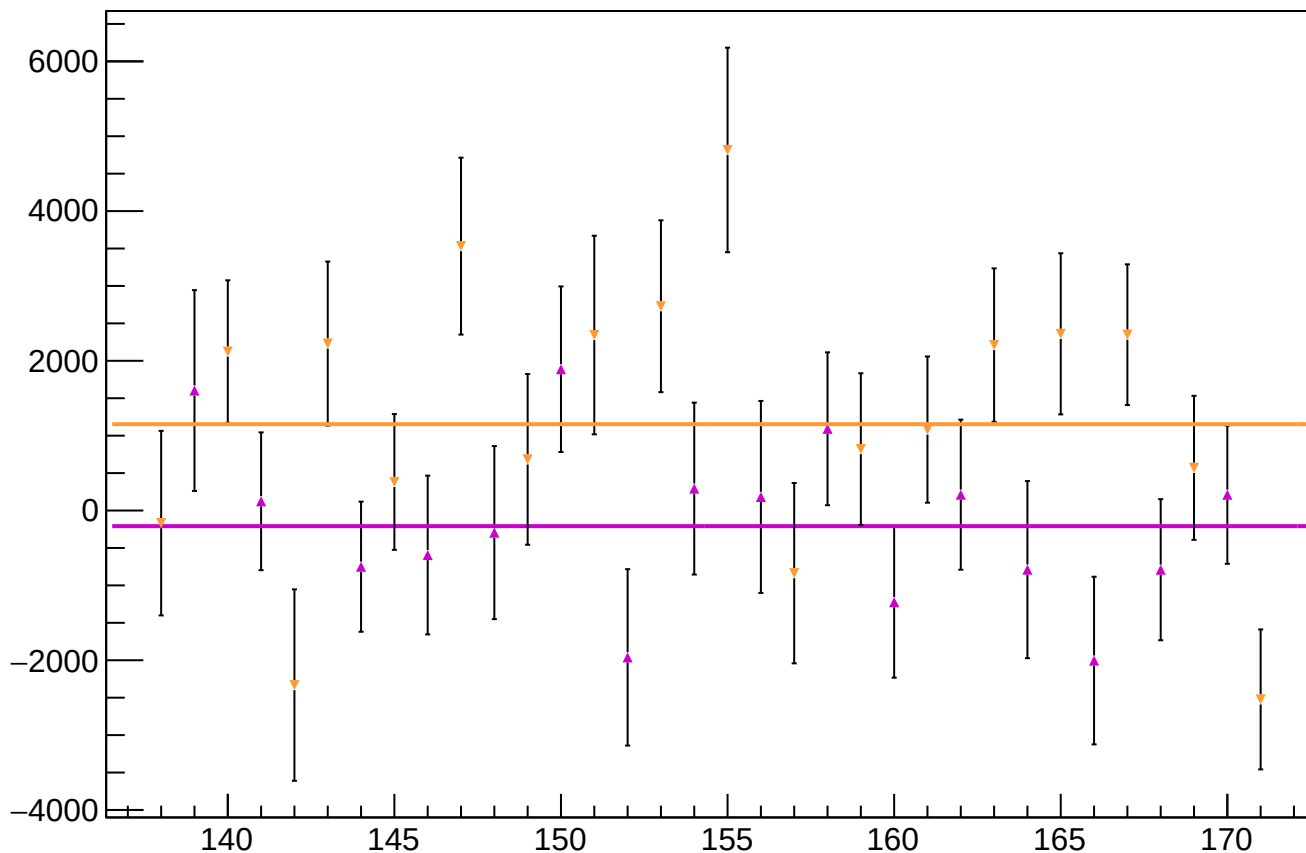
Left In: 927.297+/-0.186 χ^2/NDF : 346899.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.466+/-0.129 χ^2/NDF : 747607.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug



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

Left Out: 1153.442+/-252.732 χ^2/NDF : 48.0/17

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

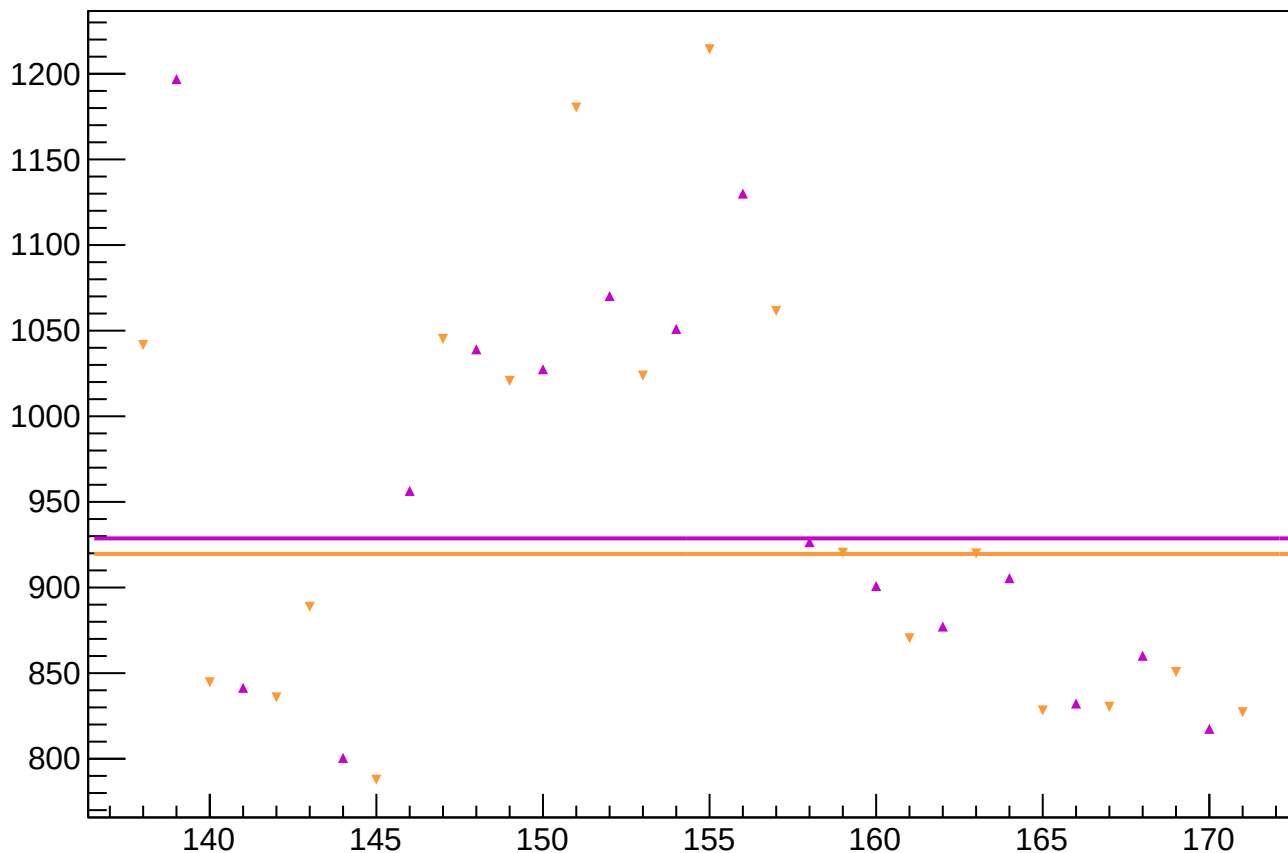
Left In: -208.531+/-263.975 χ^2/NDF : 14.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.077+/-182.554 χ^2/NDF : 76.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_rms vs Slug



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

Left Out: 919.605+/-0.179 χ^2/NDF : 404592.1/17

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

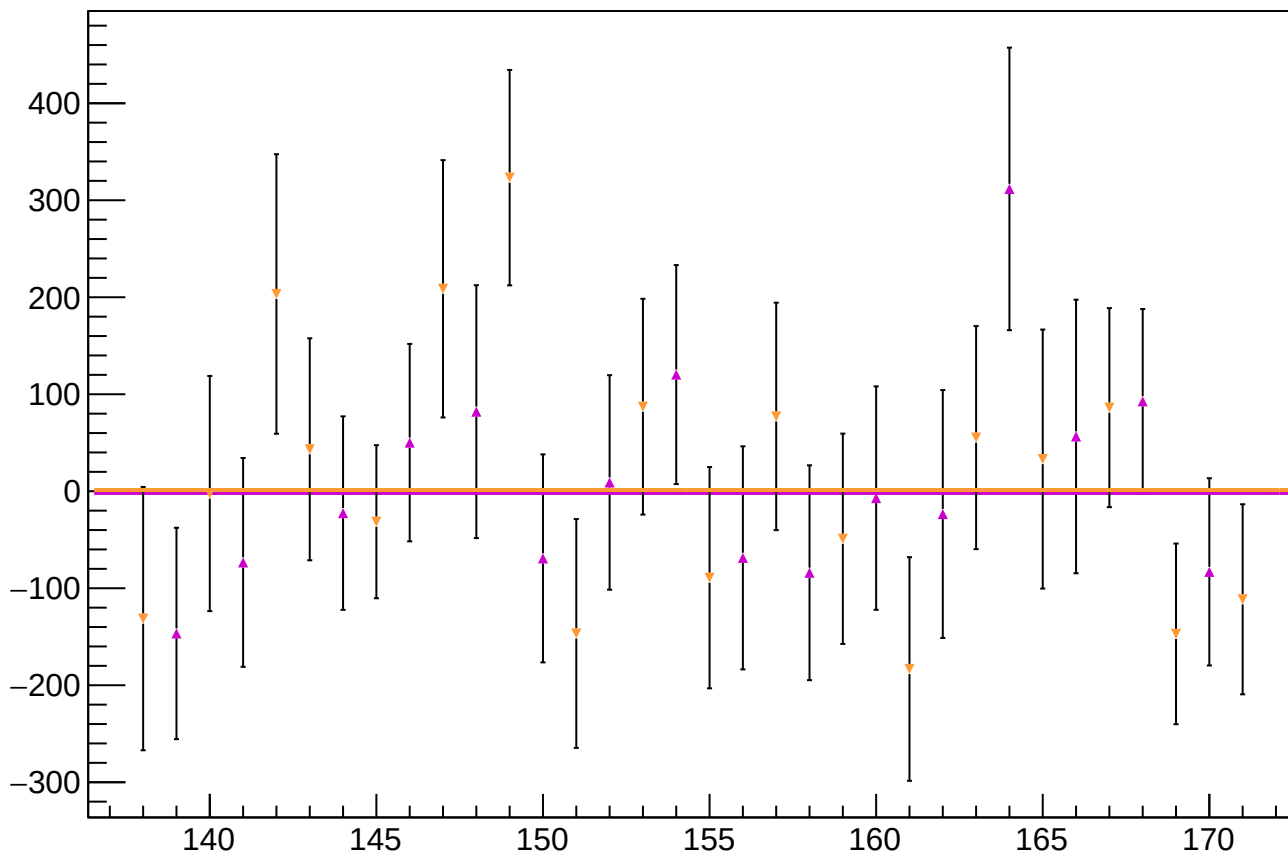
Left In: 928.693+/-0.187 χ^2/NDF : 339958.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.952+/-0.129 χ^2/NDF : 745787.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 1.270 $\pm$ 26.224 χ^2 /NDF:24.9/17

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

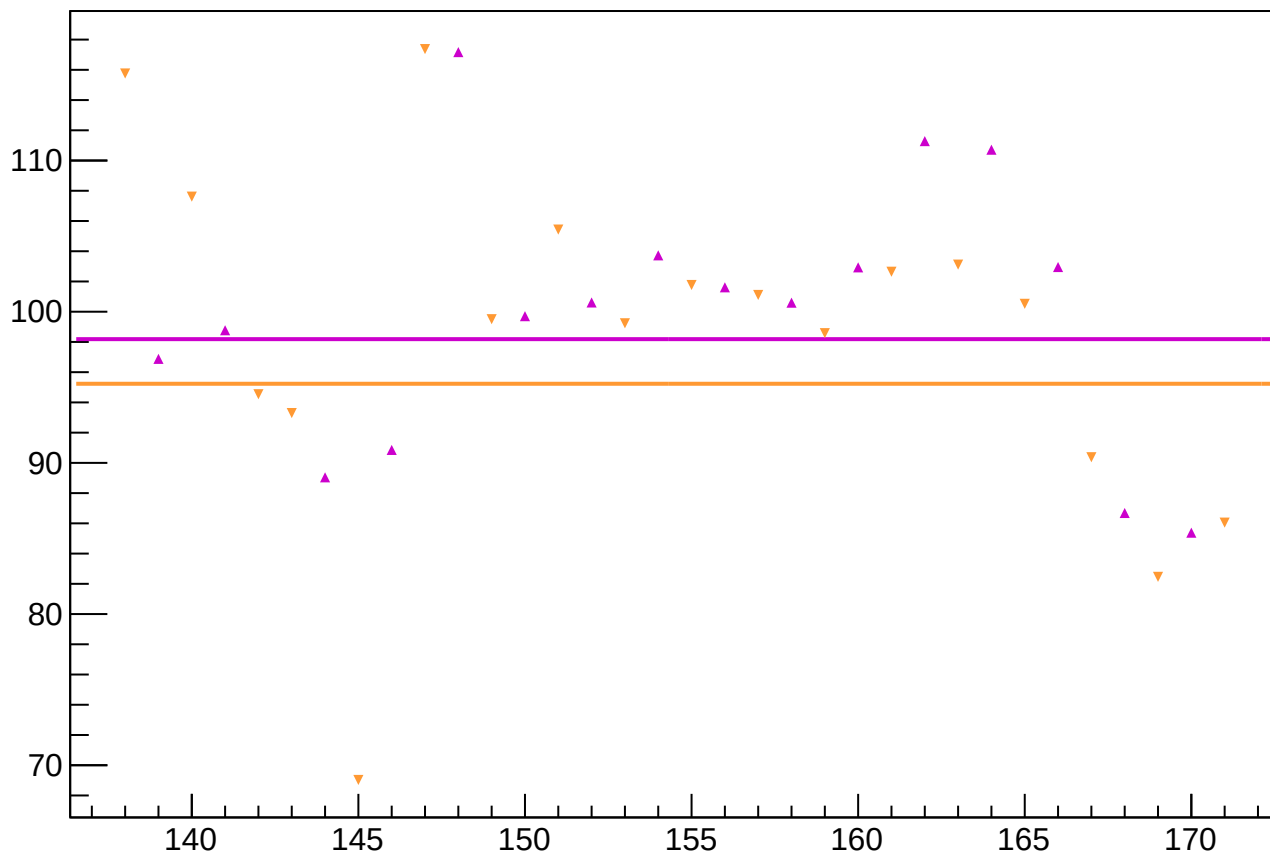
Left In: -1.766 $\pm$ 27.921 χ^2 /NDF:11.9/15

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

All: -0.153 $\pm$ 19.115 χ^2 /NDF: 36.8/33

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

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 95.234+/-0.019 χ^2/NDF : 457951.3/17

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

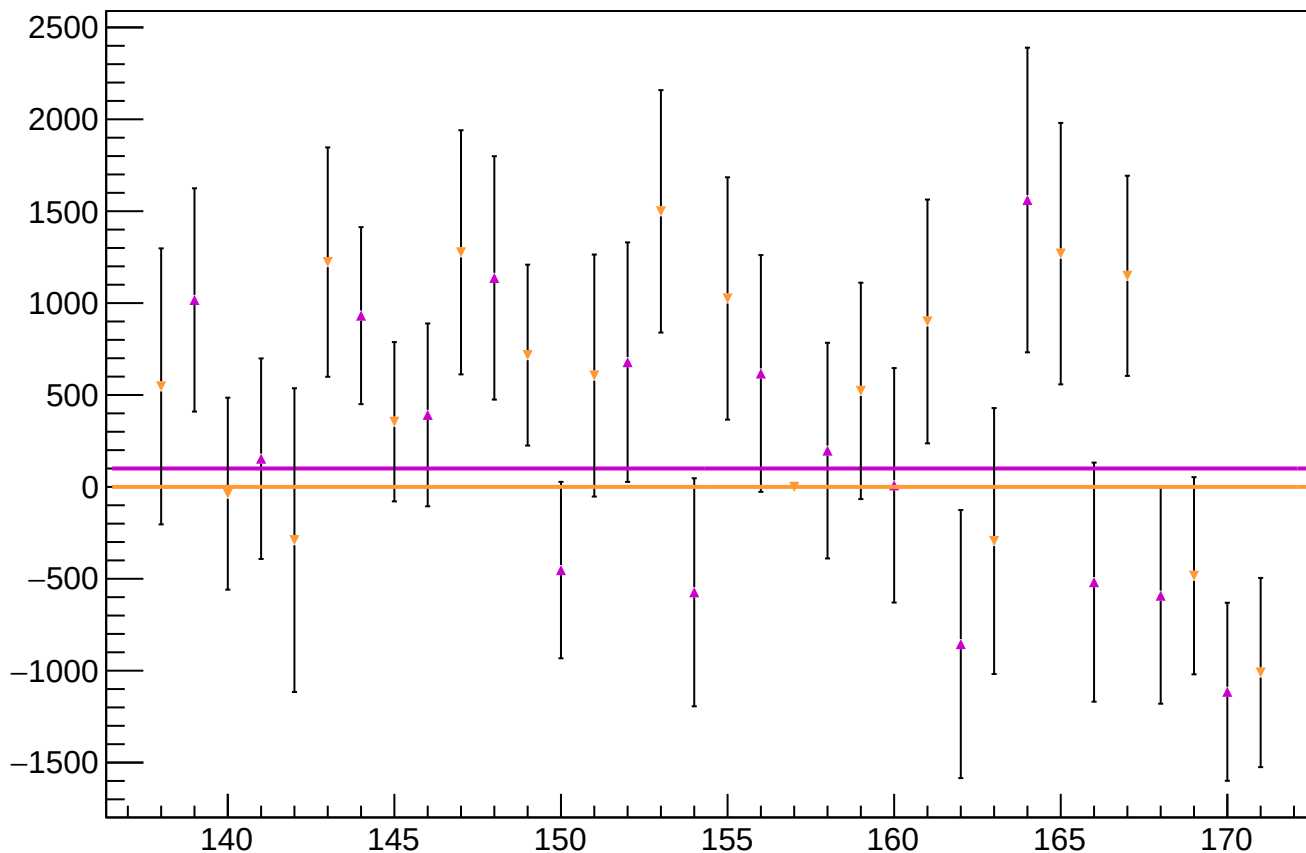
Left In: 98.185+/-0.020 χ^2/NDF : 184765.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.617+/-0.014 χ^2/NDF : 654590.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF : 34.5/17

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

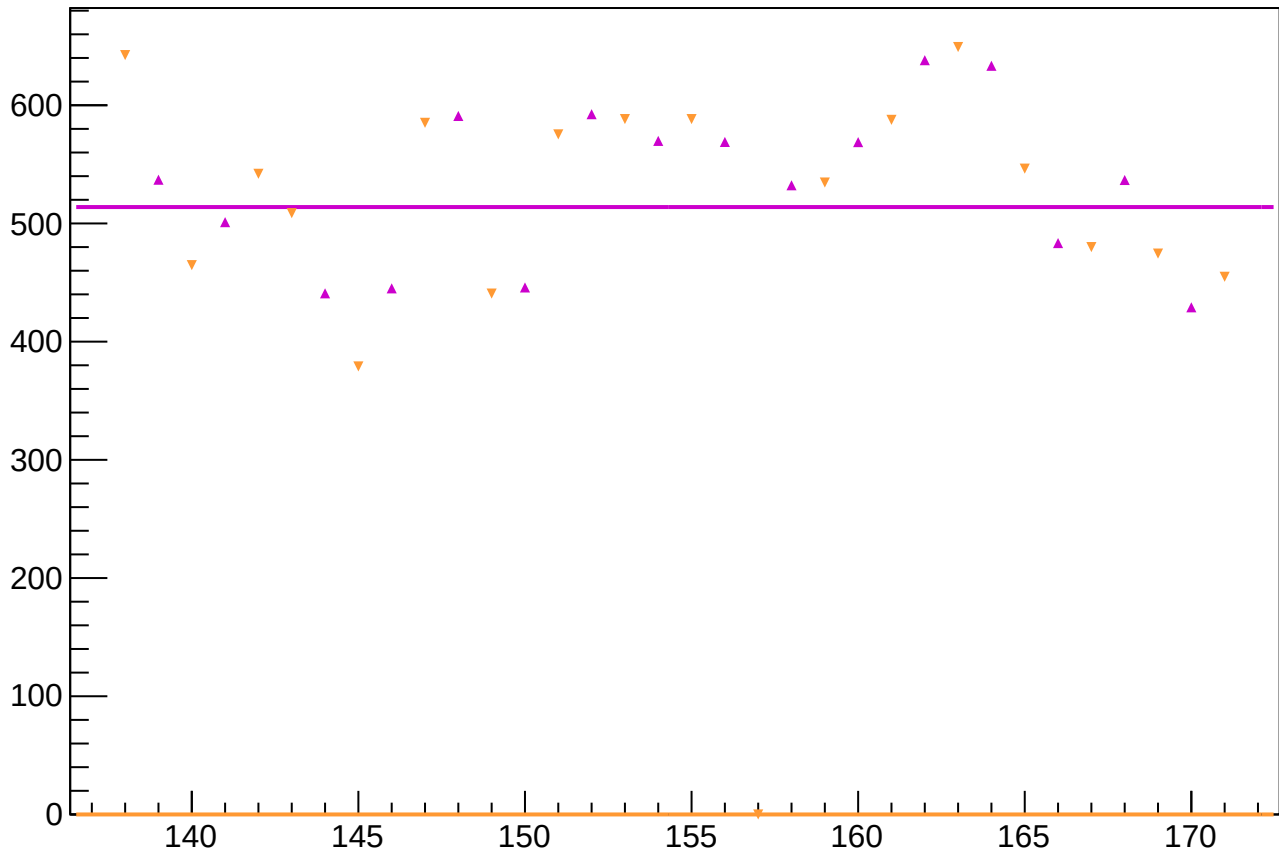
Left In: 100.074+/-146.455 χ^2/NDF : 25.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 60.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF :25322269.7/17

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

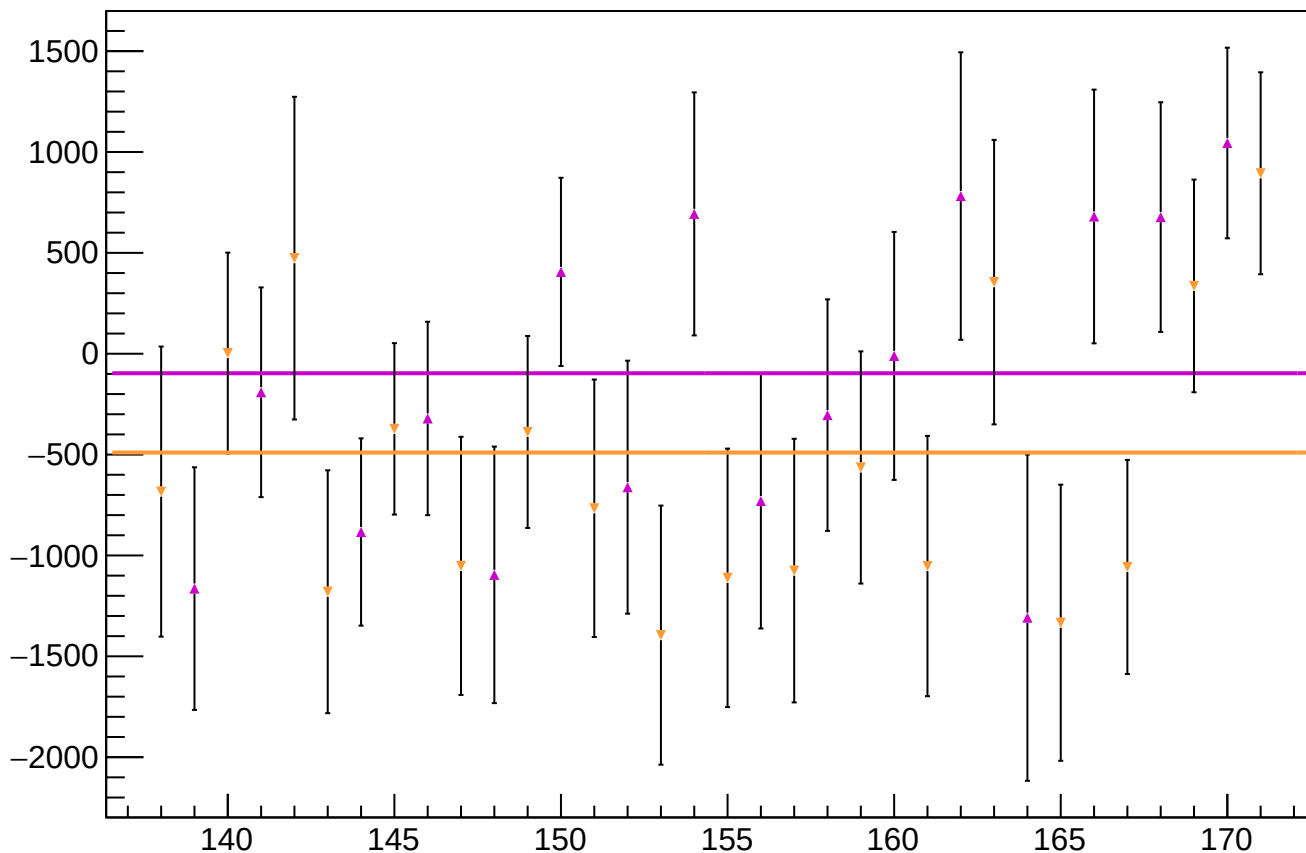
Left In: 513.865+/-0.104 χ^2/NDF :400562.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 50344644.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -489.901+/-137.286 χ^2/NDF : 23.6/17

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

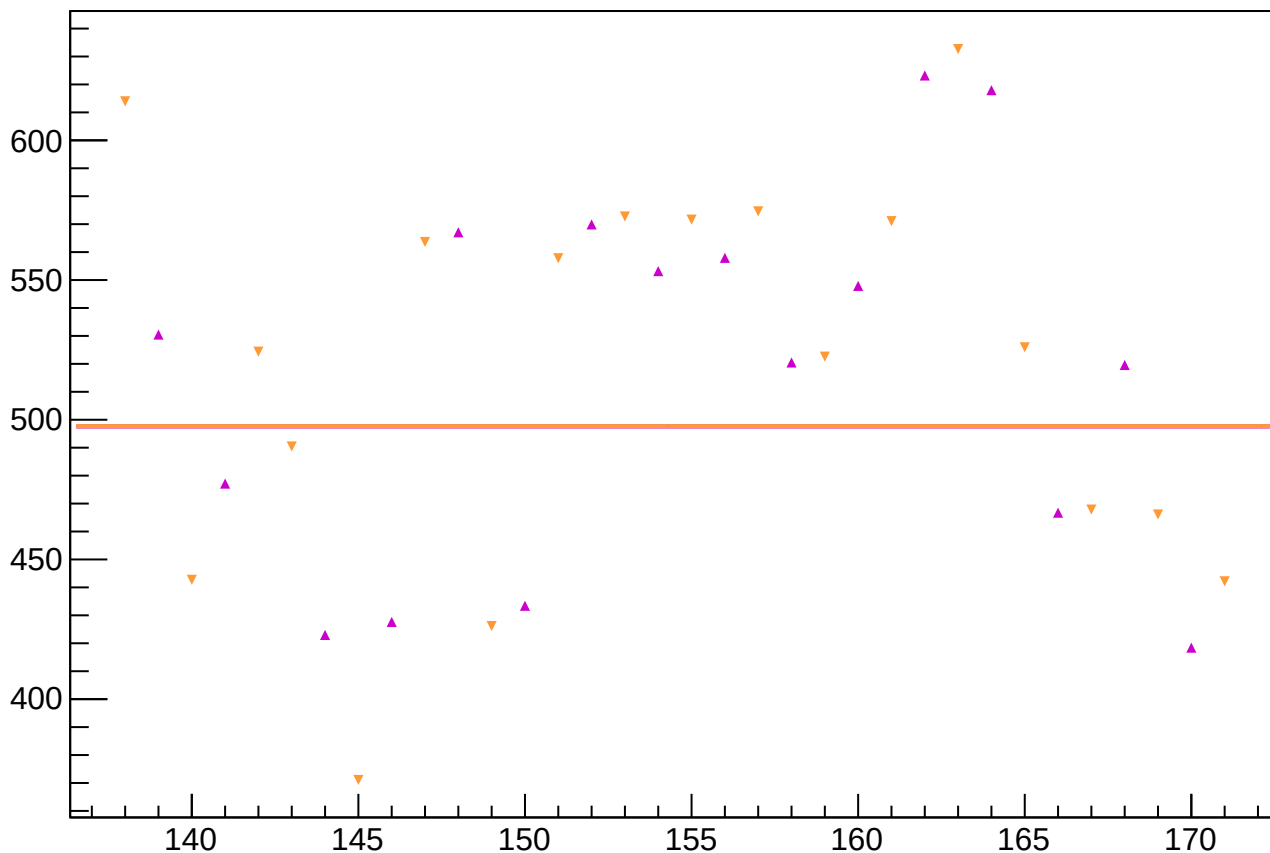
Left In: -96.750+/-141.985 χ^2/NDF : 26.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -299.939+/-98.695 χ^2/NDF : 54.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 497.698+/-0.097 χ^2/NDF :567038.0/17

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

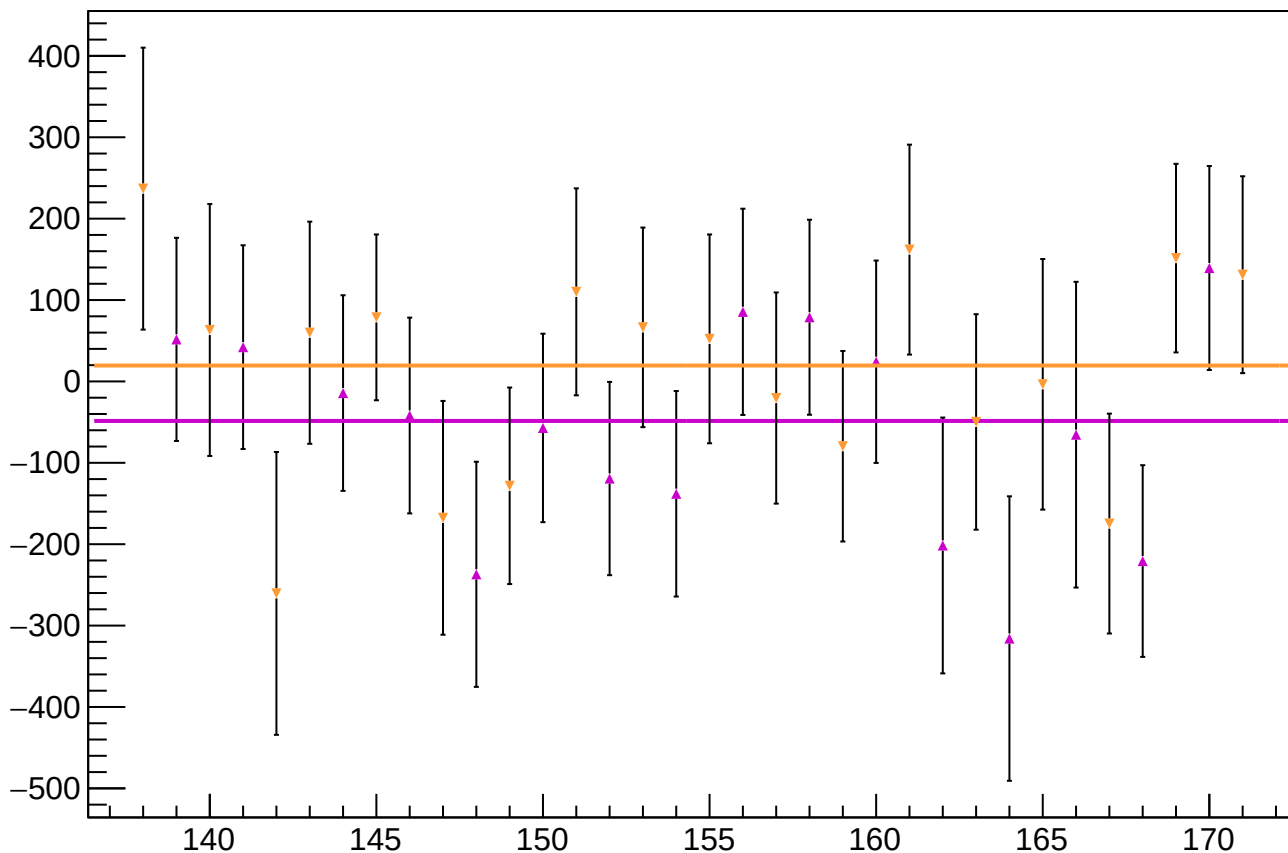
Left In: 497.588+/-0.100 χ^2/NDF :413893.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.645+/-0.070 χ^2/NDF : 980932.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 19.542 $\pm$ 30.803 χ^2 /NDF:15.1/17

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

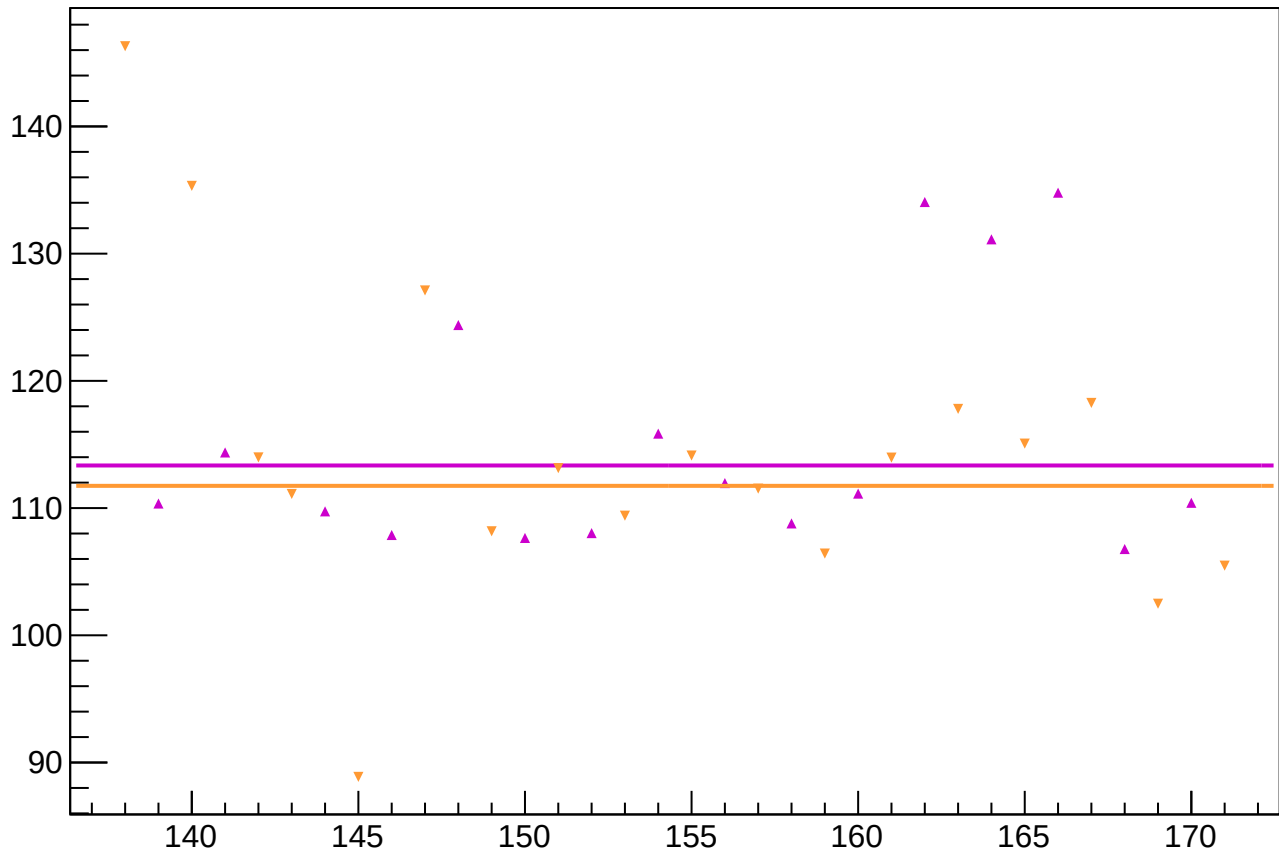
Left In: -48.555 $\pm$ 32.259 χ^2 /NDF:14.2/15

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

All: -12.935 $\pm$ 22.278 χ^2 /NDF: 31.7/33

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

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 111.748+/-0.022 χ^2/NDF :286244.0/17

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

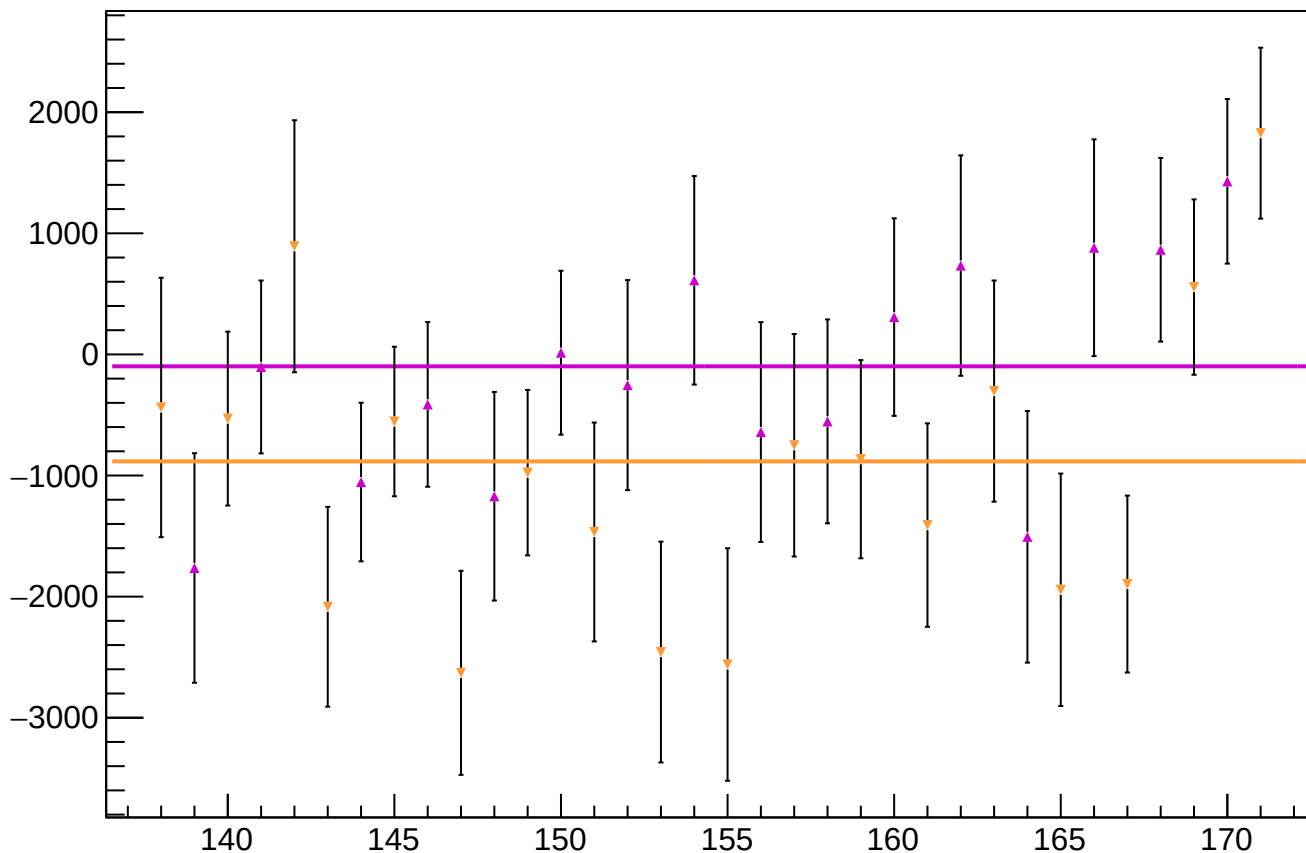
Left In: 113.349+/-0.023 χ^2/NDF :122152.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.512+/-0.016 χ^2/NDF : 410971.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -883.428 $\pm$ 192.229 χ^2 /NDF:39.1/17

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

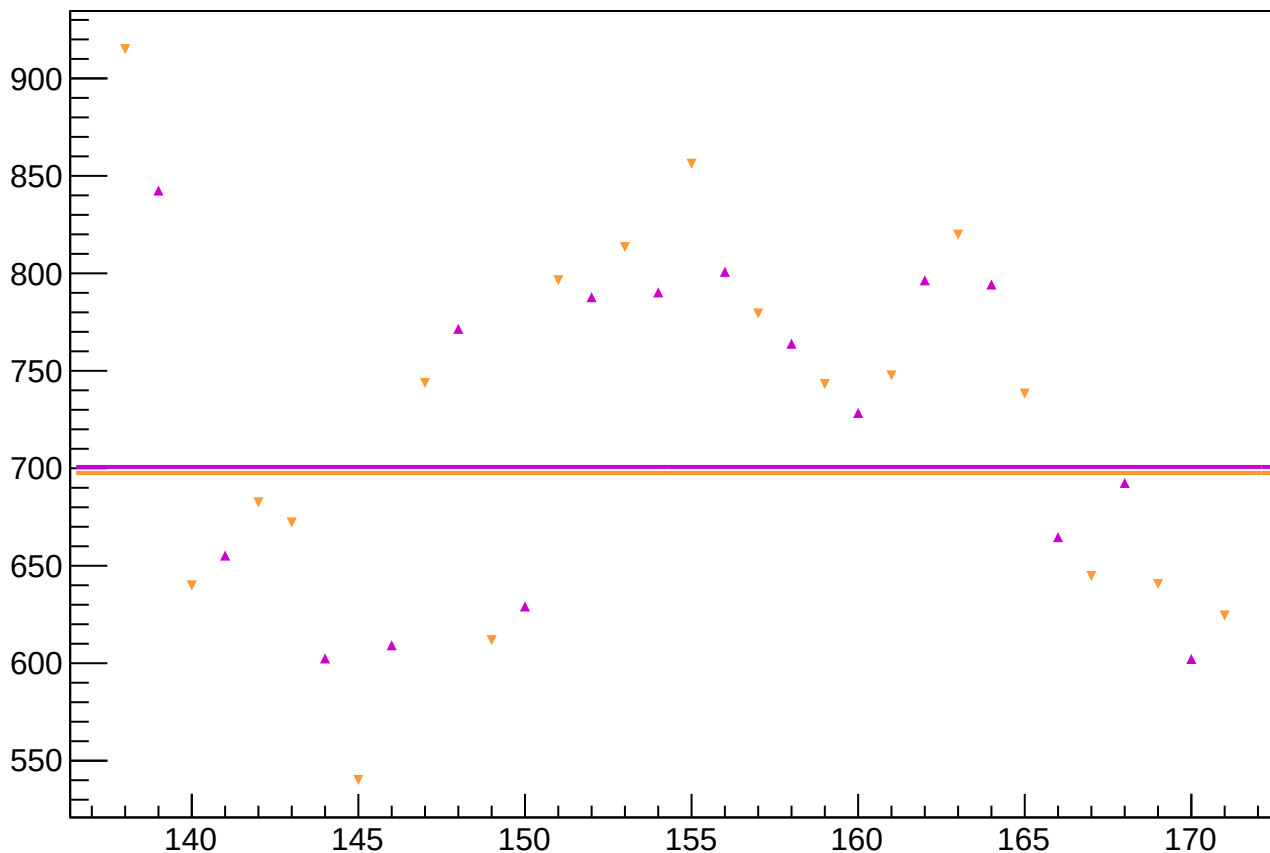
Left In: -98.522 $\pm$ 199.220 χ^2 /NDF:19.2/15

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

All: -504.988 $\pm$ 138.332 χ^2 /NDF: 66.3/33

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

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 697.582+/-0.136 χ^2/NDF : 488965.1/17

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

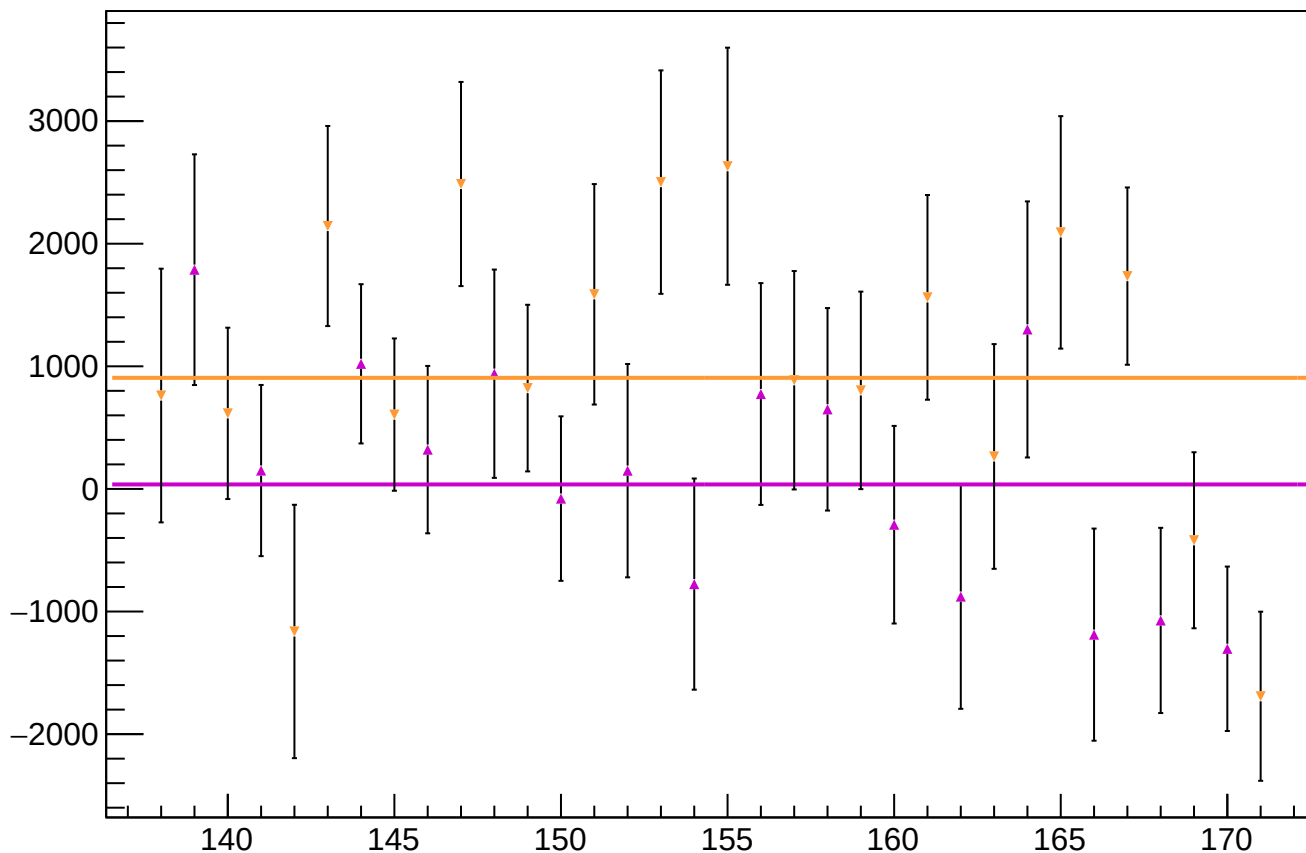
Left In: 700.692+/-0.141 χ^2/NDF : 333553.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.081+/-0.098 χ^2/NDF : 822770.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 905.996+/-190.252 χ^2/NDF : 38.8/17

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

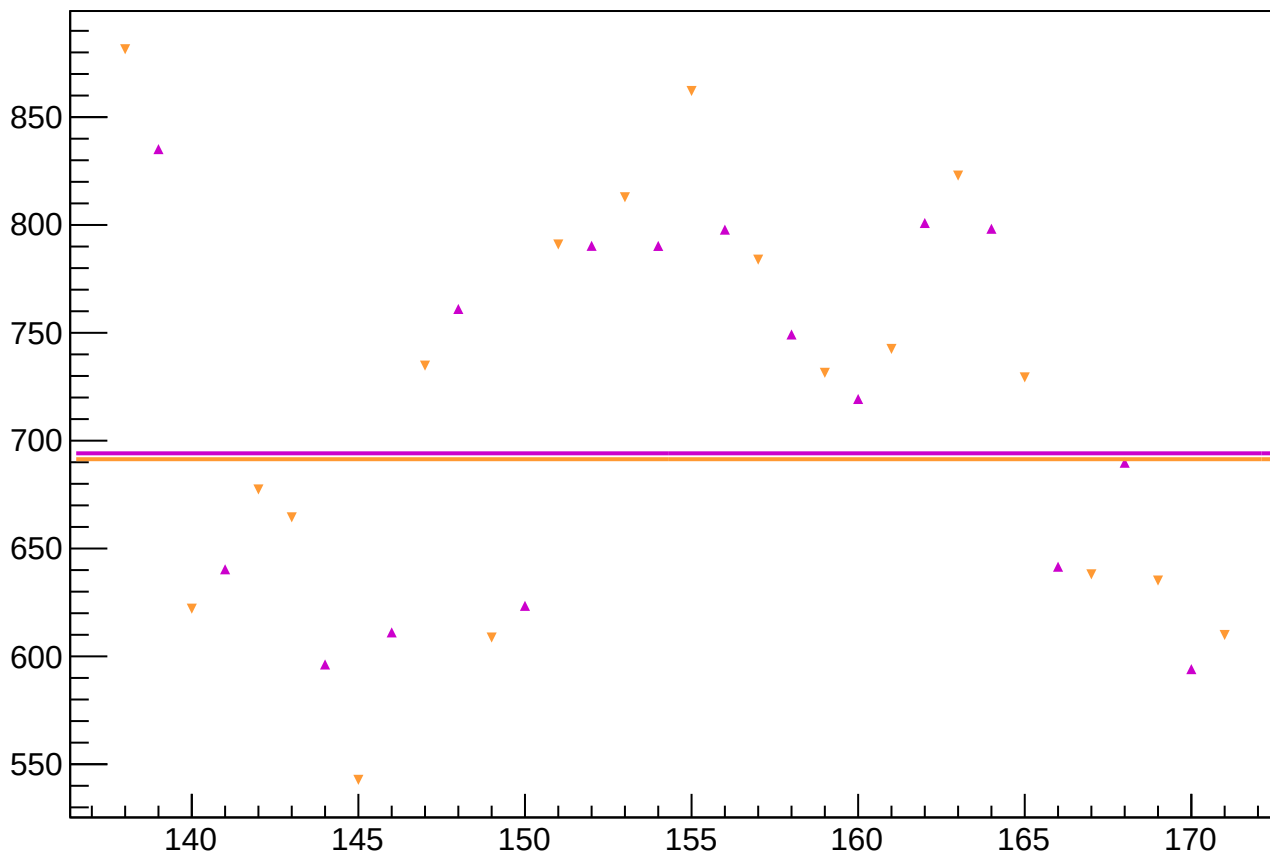
Left In: 36.585+/-197.539 χ^2/NDF : 20.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.623+/-137.032 χ^2/NDF : 68.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 691.407+/-0.135 χ^2/NDF : 491173.3/17

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

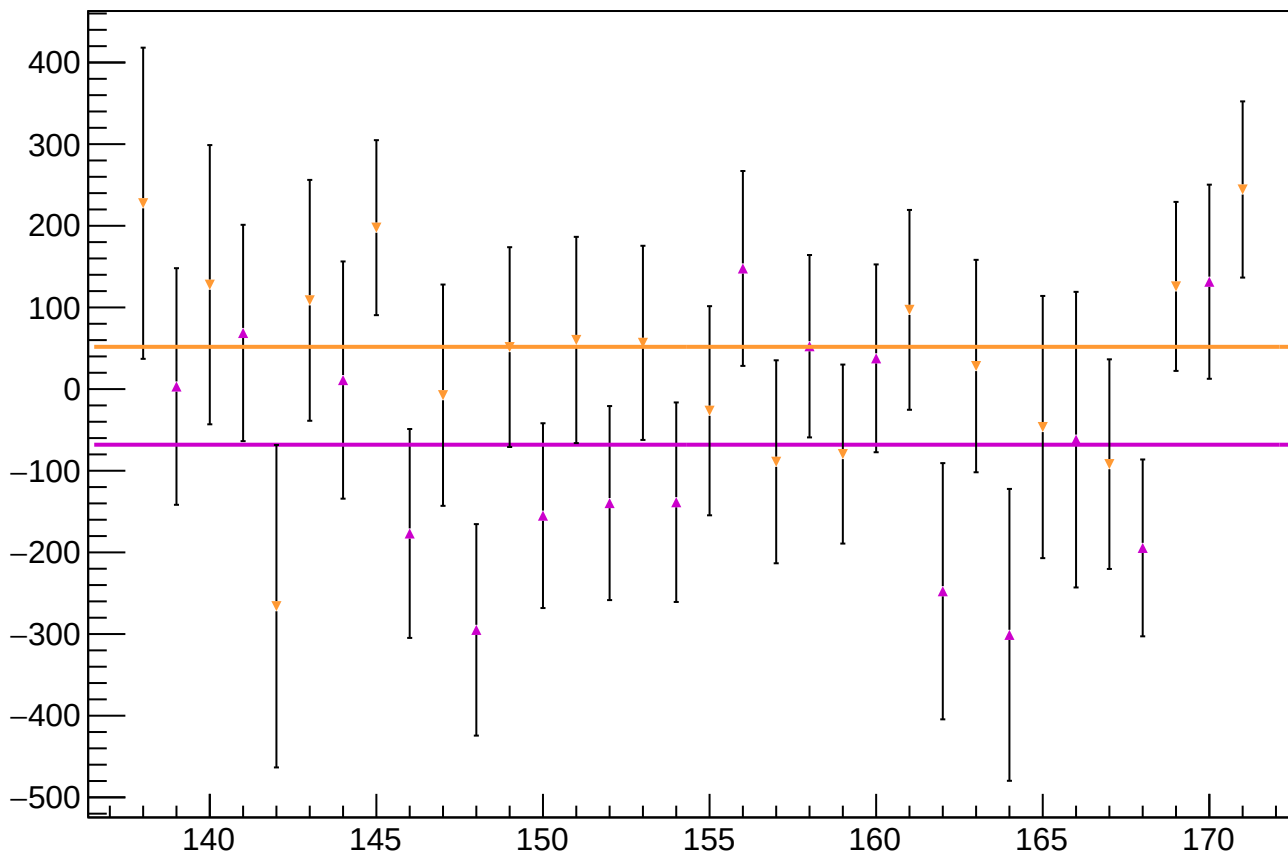
Left In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.720+/-0.097 χ^2/NDF : 843417.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 51.762 $\pm$ 30.308 χ^2 /NDF:14.4/17

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

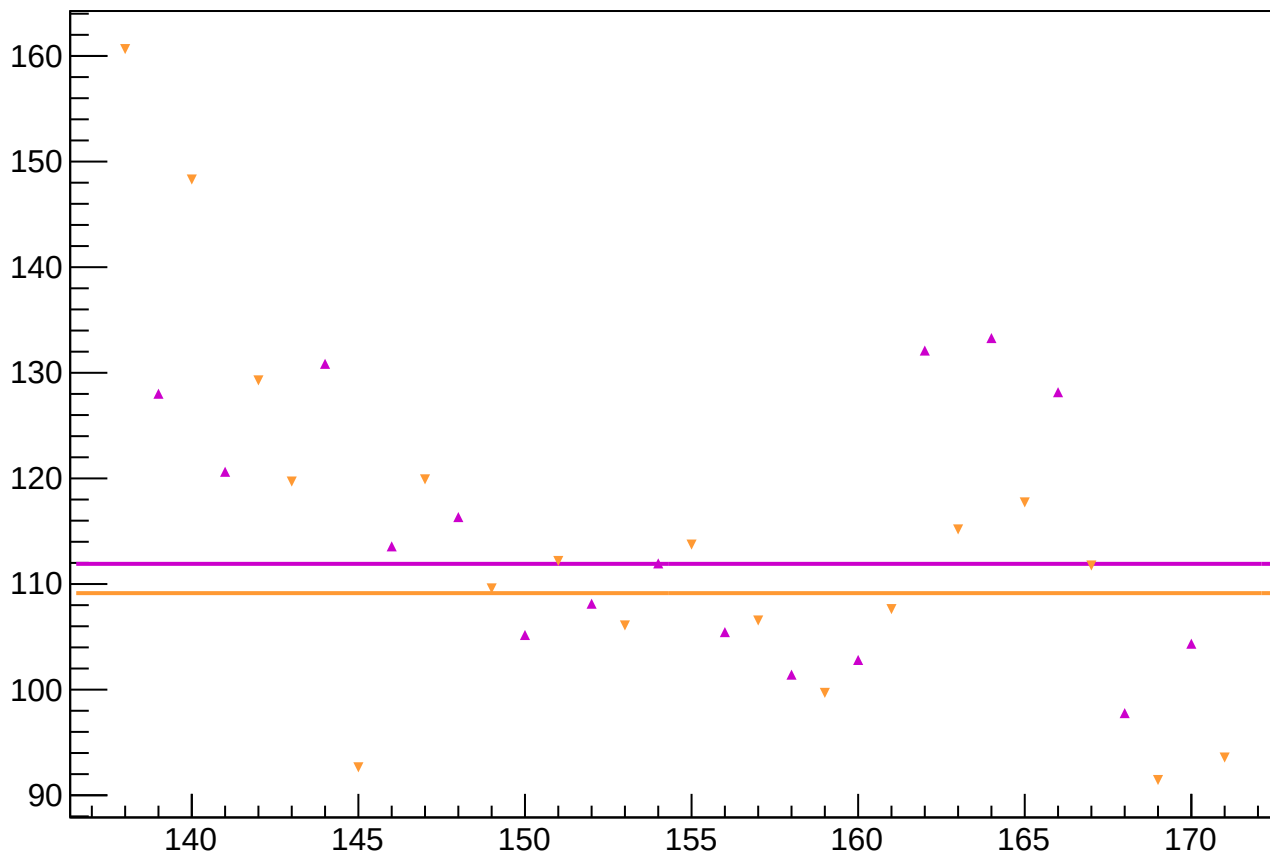
Left In: -68.115 $\pm$ 32.058 χ^2 /NDF:19.2/15

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

All: -4.817 $\pm$ 22.024 χ^2 /NDF: 41.0/33

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

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 109.138+/-0.021 χ^2/NDF : 474203.9/17

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

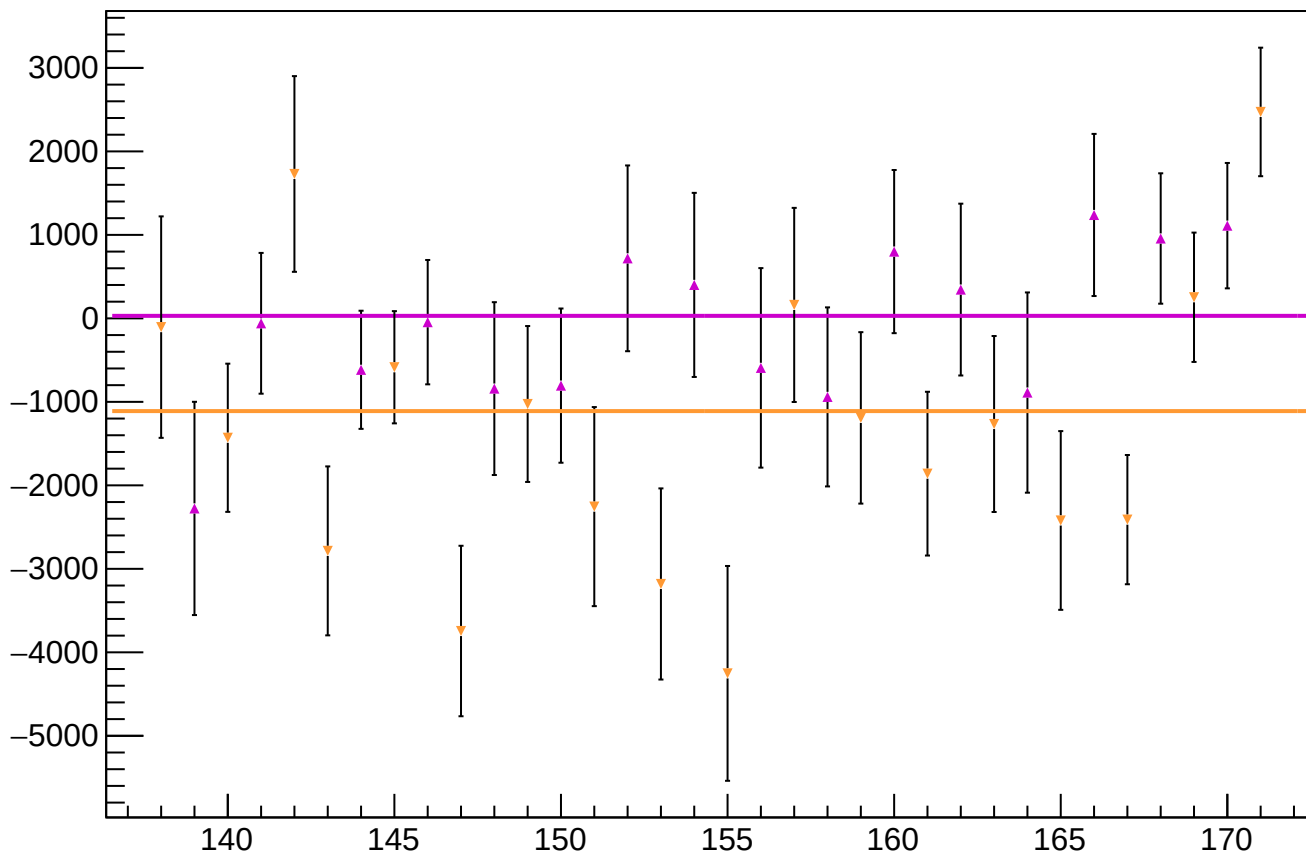
Left In: 111.911+/-0.023 χ^2/NDF : 235205.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.447+/-0.016 χ^2/NDF : 717314.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1110.596 $\pm$ 226.701 χ^2 /NDF: 57.6/17

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

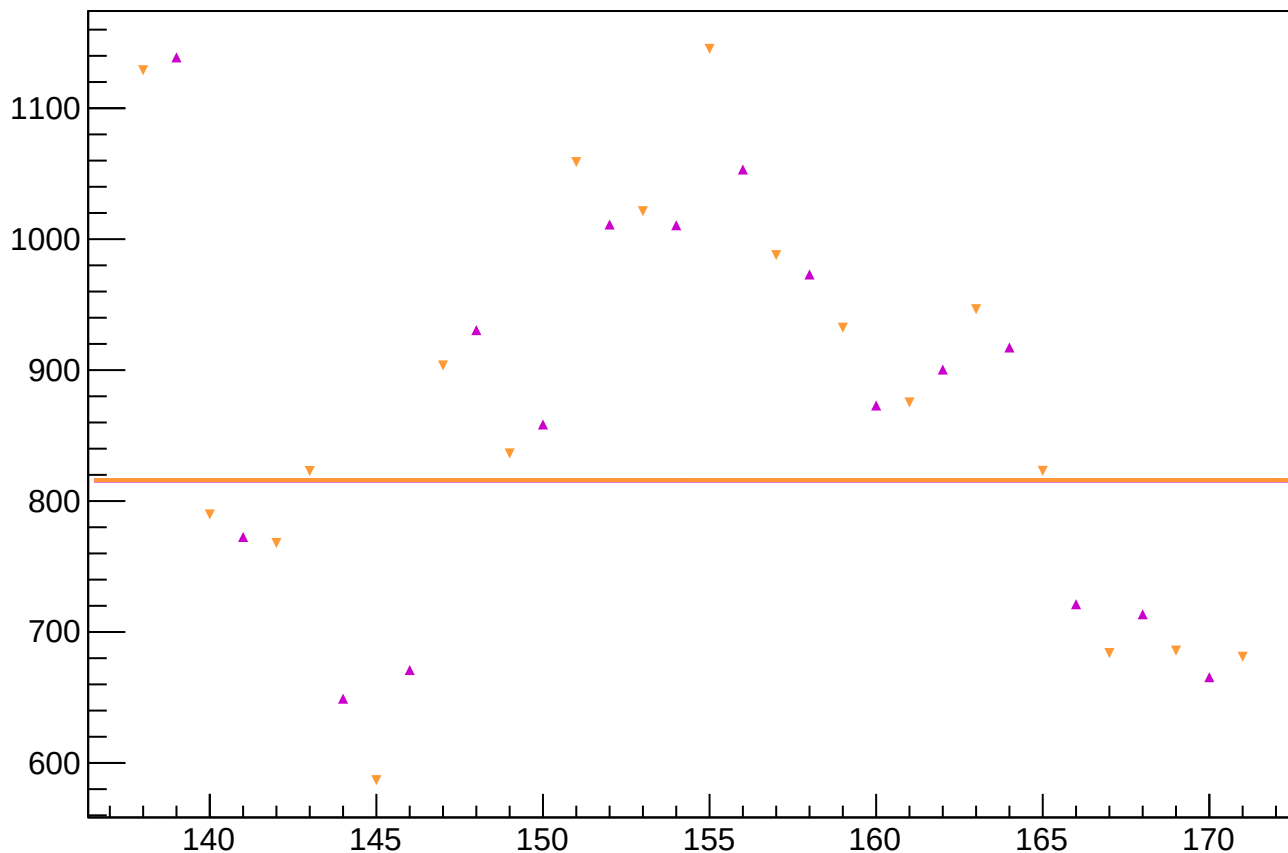
Left In: 30.294 $\pm$ 233.846 χ^2 /NDF: 13.6/15

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

All: -557.847 $\pm$ 162.769 χ^2 /NDF: 83.5/33

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

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 816.024+/-0.160 χ^2/NDF : 926729.7/17

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

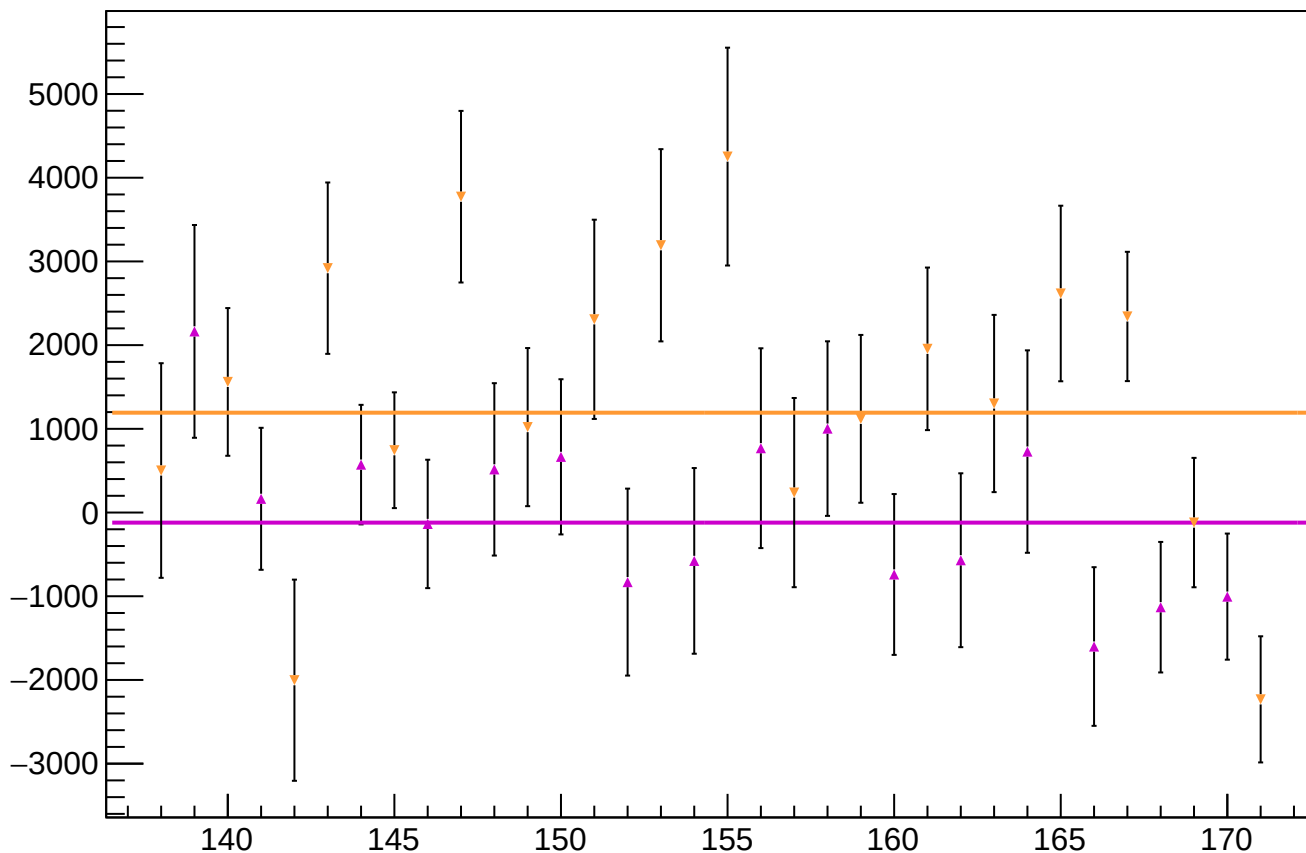
Left In: 815.668+/-0.165 χ^2/NDF : 762868.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.851+/-0.115 χ^2/NDF : 1689600.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1192.894+/-226.398 χ^2/NDF : 55.6/17

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

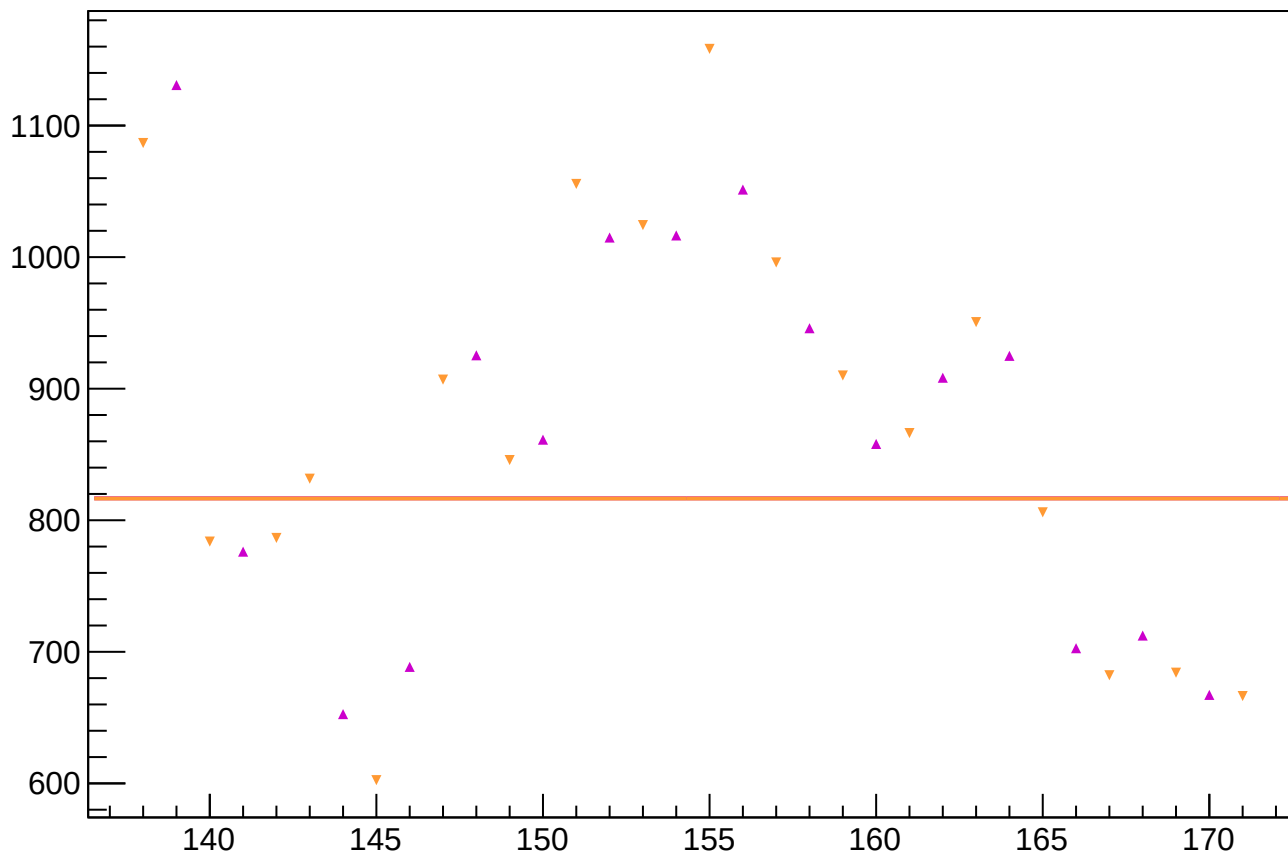
Left In: -120.558+/-234.224 χ^2/NDF : 14.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.477+/-162.784 χ^2/NDF : 86.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



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

Left Out: 816.545+/-0.160 χ^2/NDF : 890483.0/17

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

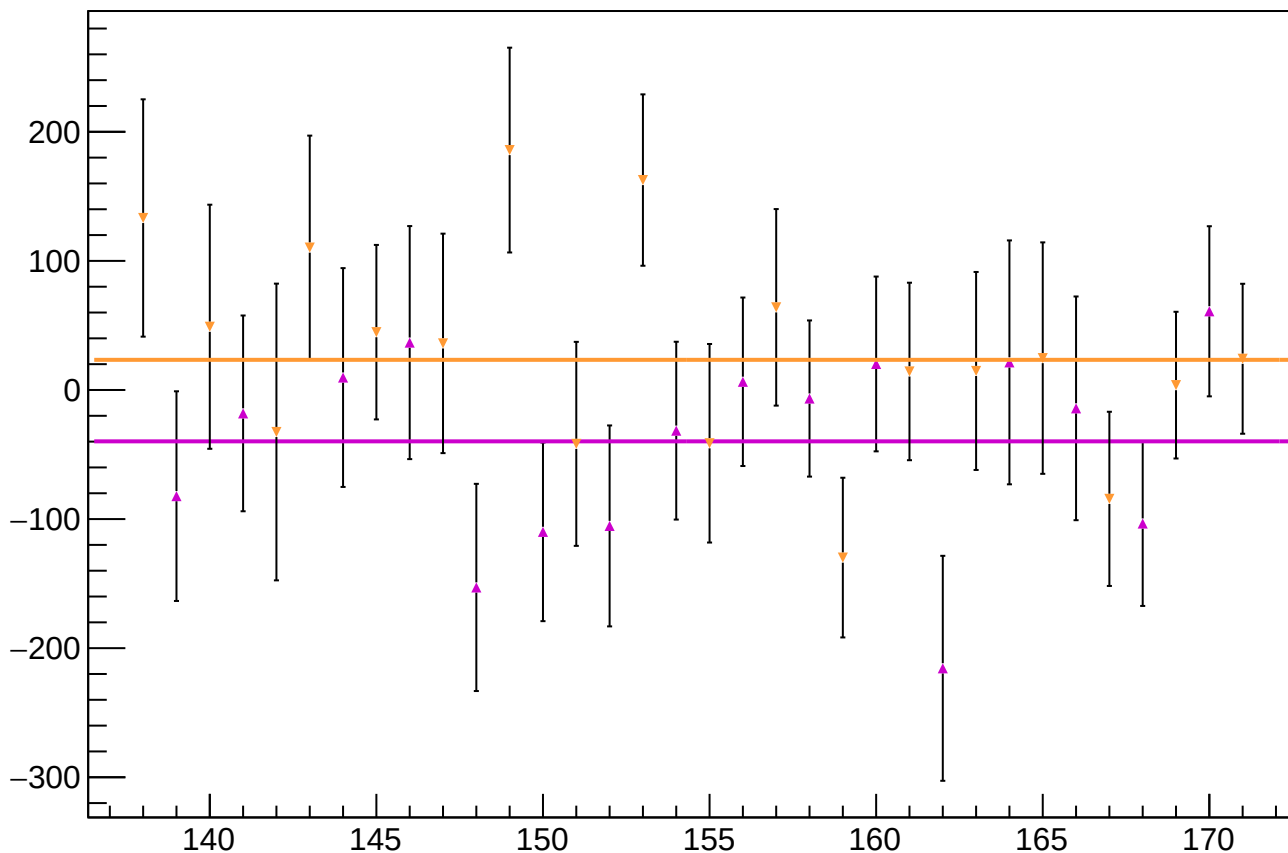
Left In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.612+/-0.115 χ^2/NDF : 1620077.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 23.359 $\pm$ 17.469 χ^2 /NDF:22.0/17

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

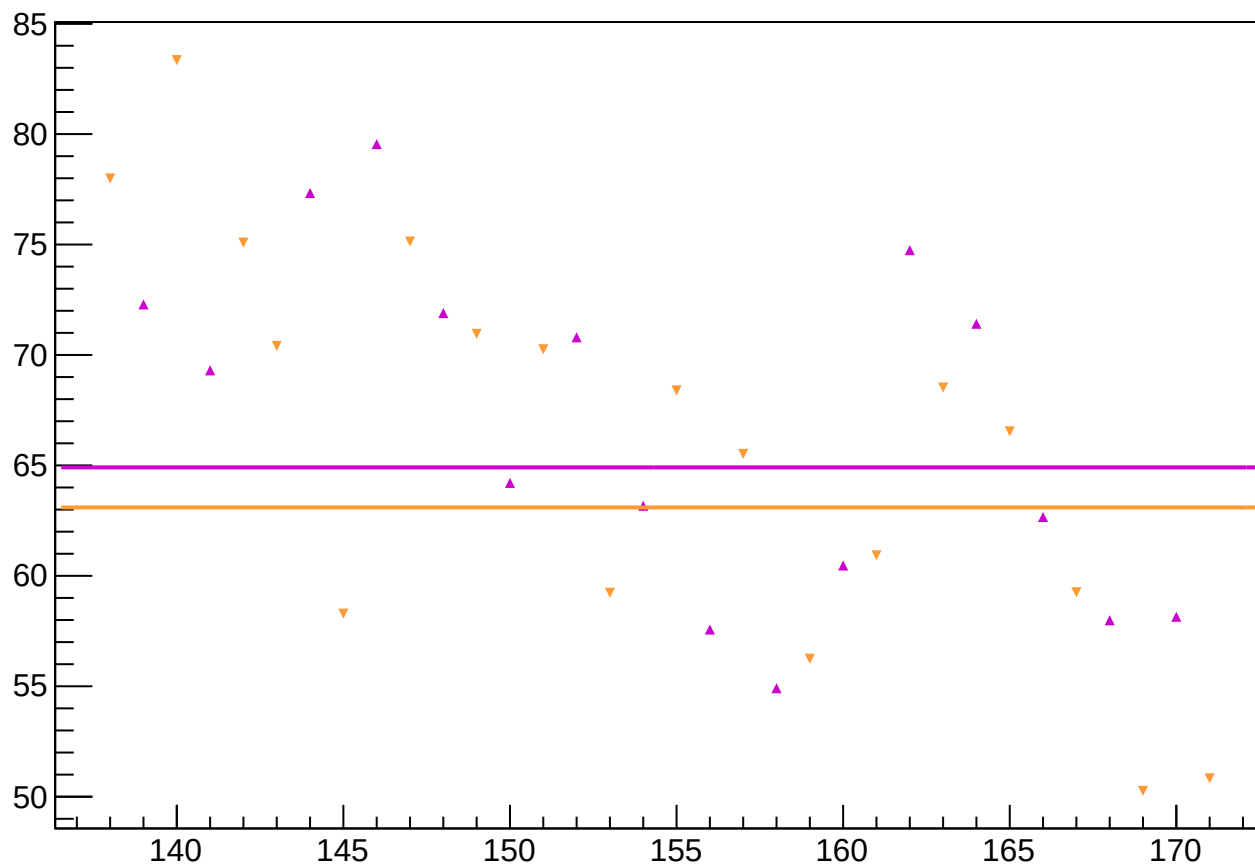
Left In: -39.792 $\pm$ 18.549 χ^2 /NDF:14.6/15

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

All: -6.324 $\pm$ 12.717 χ^2 /NDF: 42.8/33

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

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 63.097+/-0.012 χ^2/NDF : 522054.4/17

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

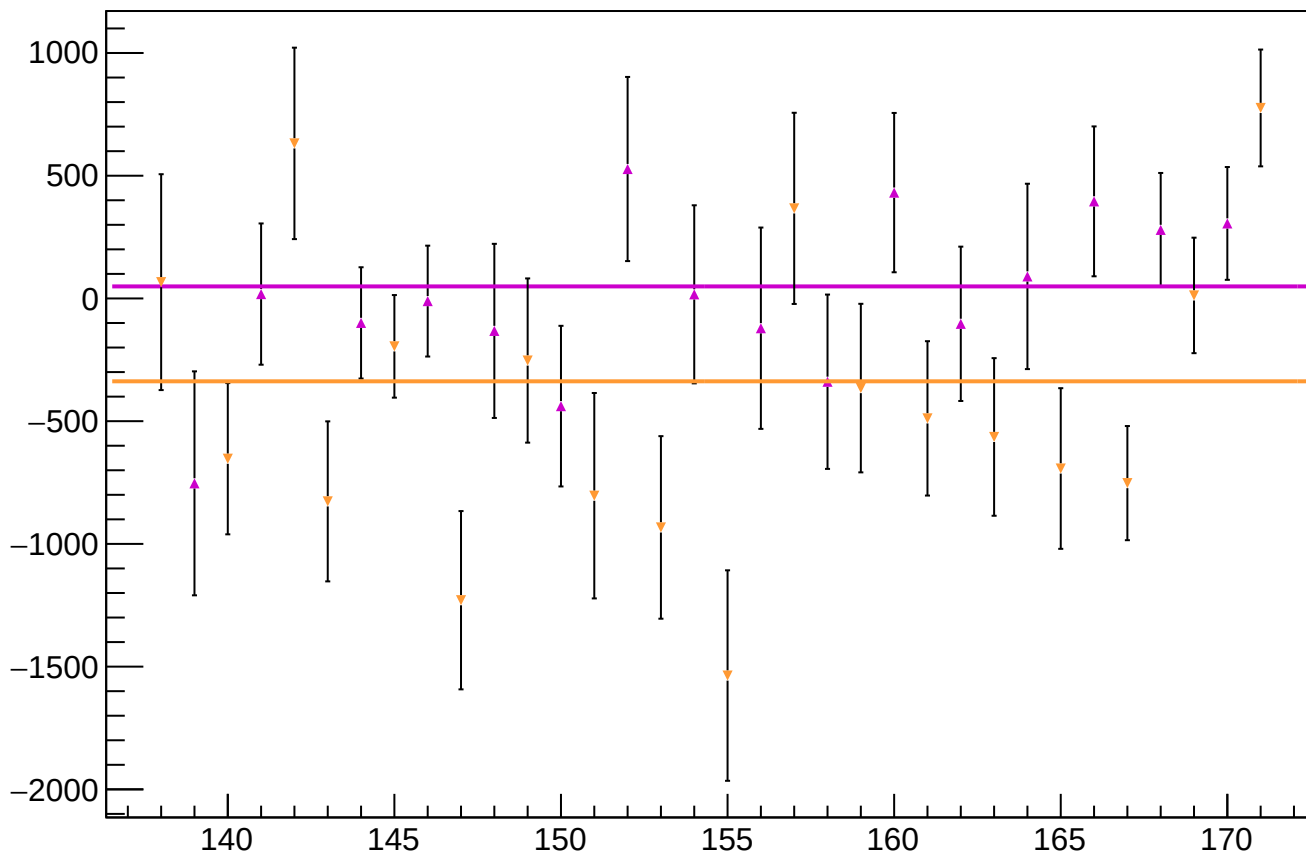
Left In: 64.910+/-0.013 χ^2/NDF : 316307.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.949+/-0.009 χ^2/NDF : 848491.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -337.575 $\pm$ 72.946 χ^2 /NDF:61.0/17

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

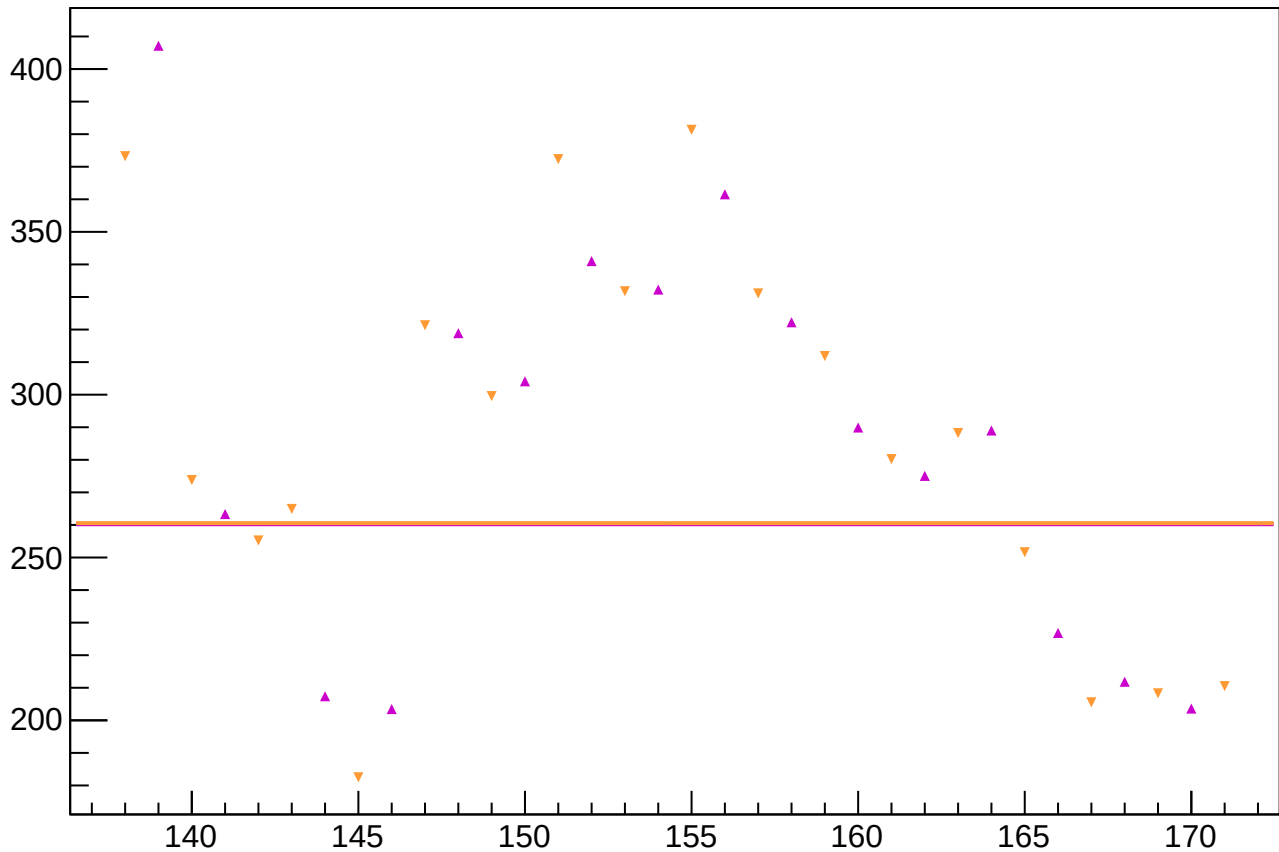
Left In: 49.050 $\pm$ 75.226 χ^2 /NDF:14.2/15

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

All: -150.211 $\pm$ 52.368 χ^2 /NDF: 88.8/33

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

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 260.551+/-0.052 χ^2/NDF :1306236.2/17

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

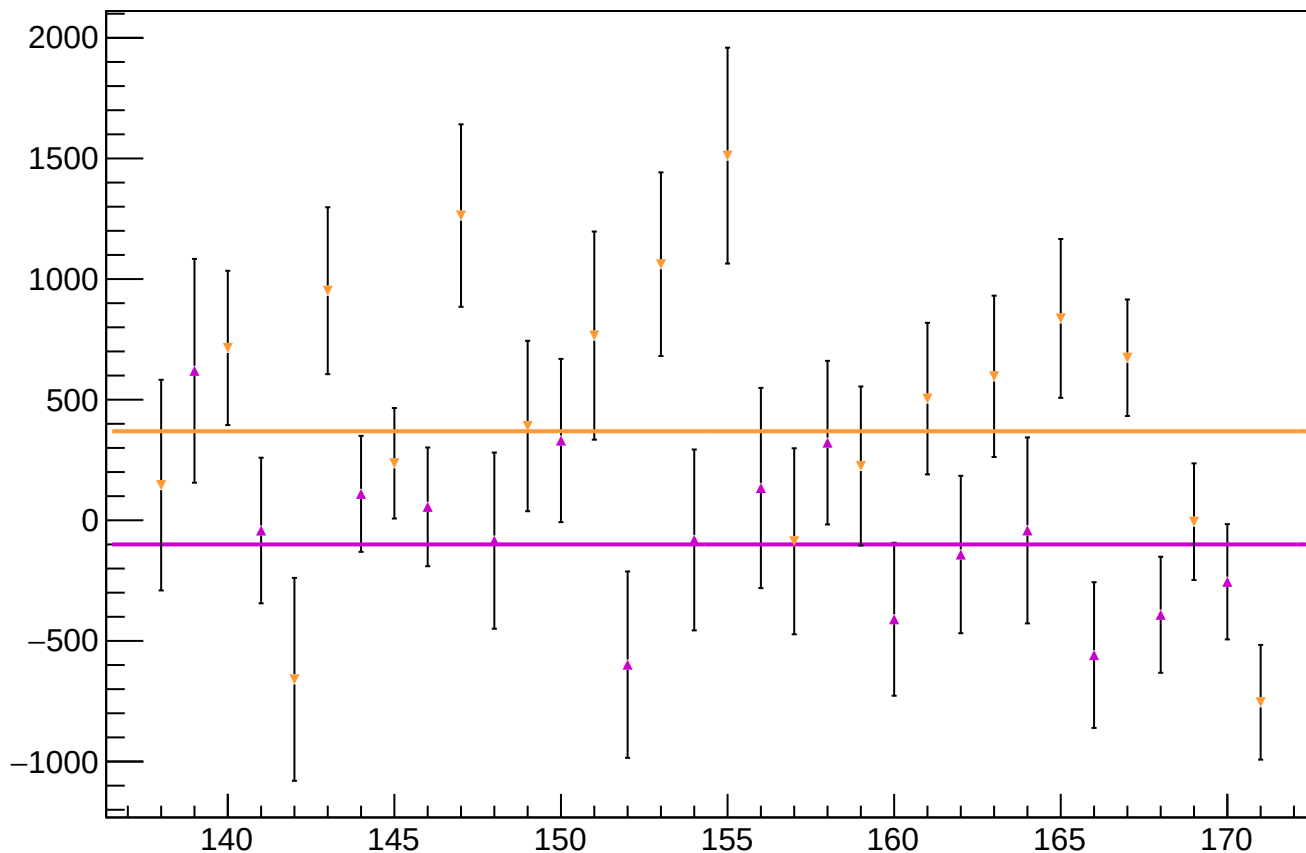
Left In: 260.221+/-0.053 χ^2/NDF :1153212.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.391+/-0.037 χ^2/NDF : 2459468.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 369.252+/-75.266 χ^2/NDF : 57.4/17

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

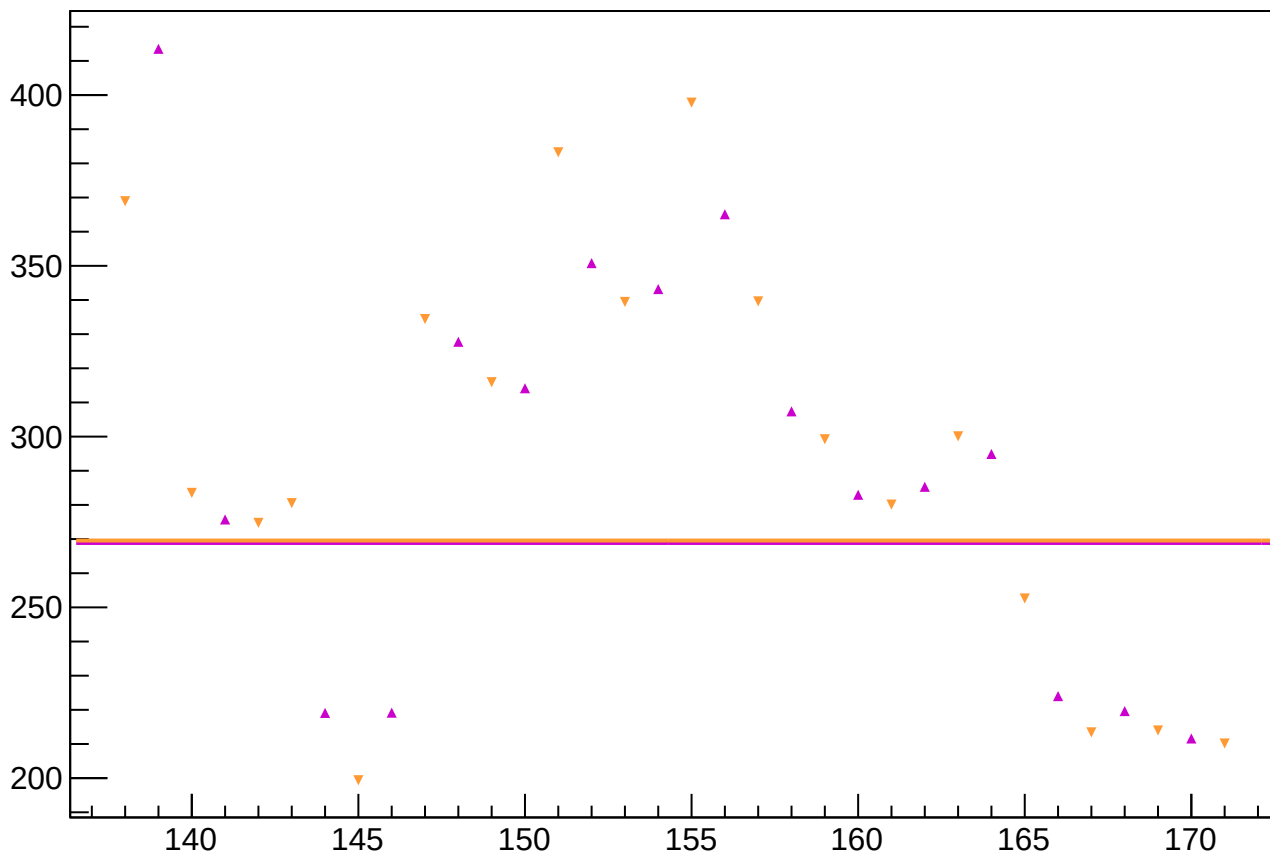
Left In: -99.957+/-77.657 χ^2/NDF : 14.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.979+/-54.047 χ^2/NDF : 90.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 269.572+/-0.053 χ^2/NDF :1206290.9/17

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

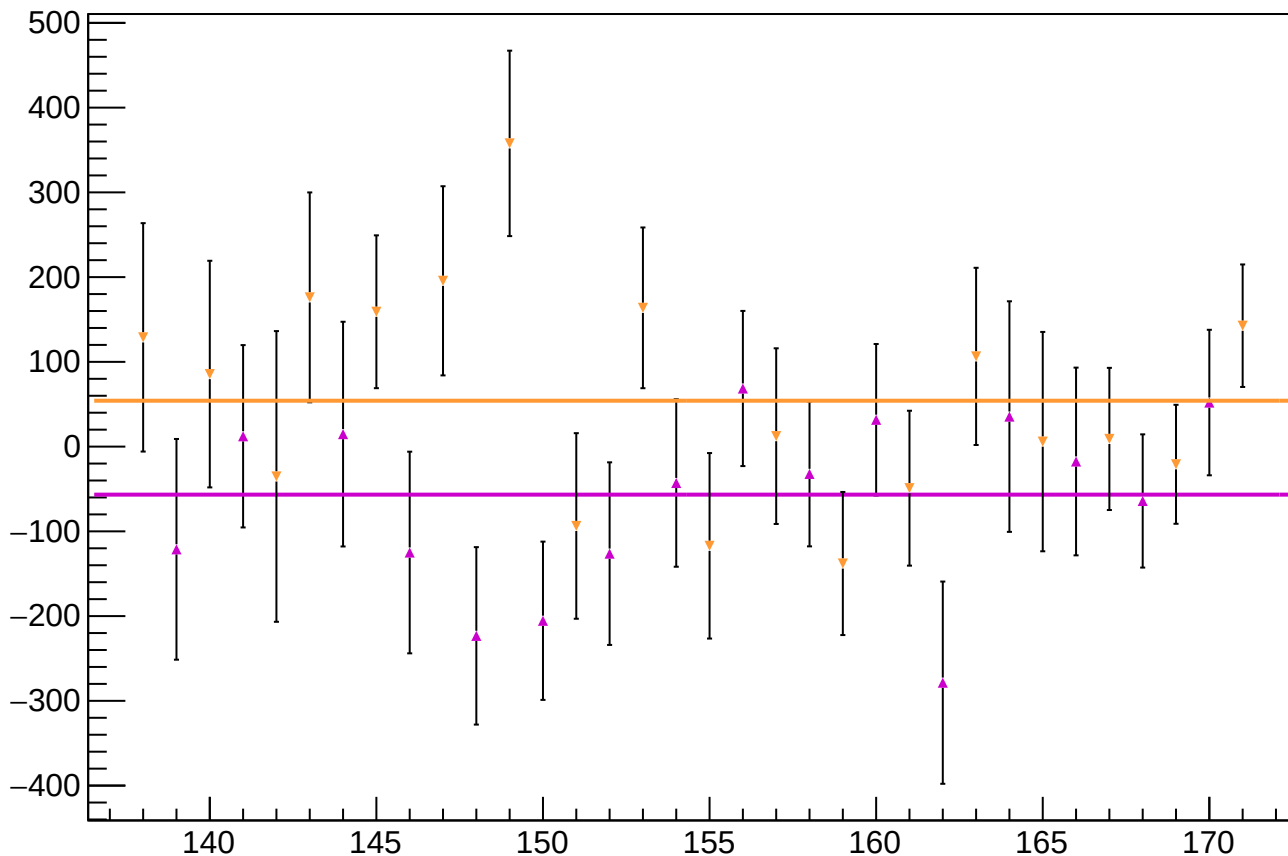
Left In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.230+/-0.038 χ^2/NDF : 2219910.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 54.152 $\pm$ 23.467 χ^2 /NDF:27.8/17

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

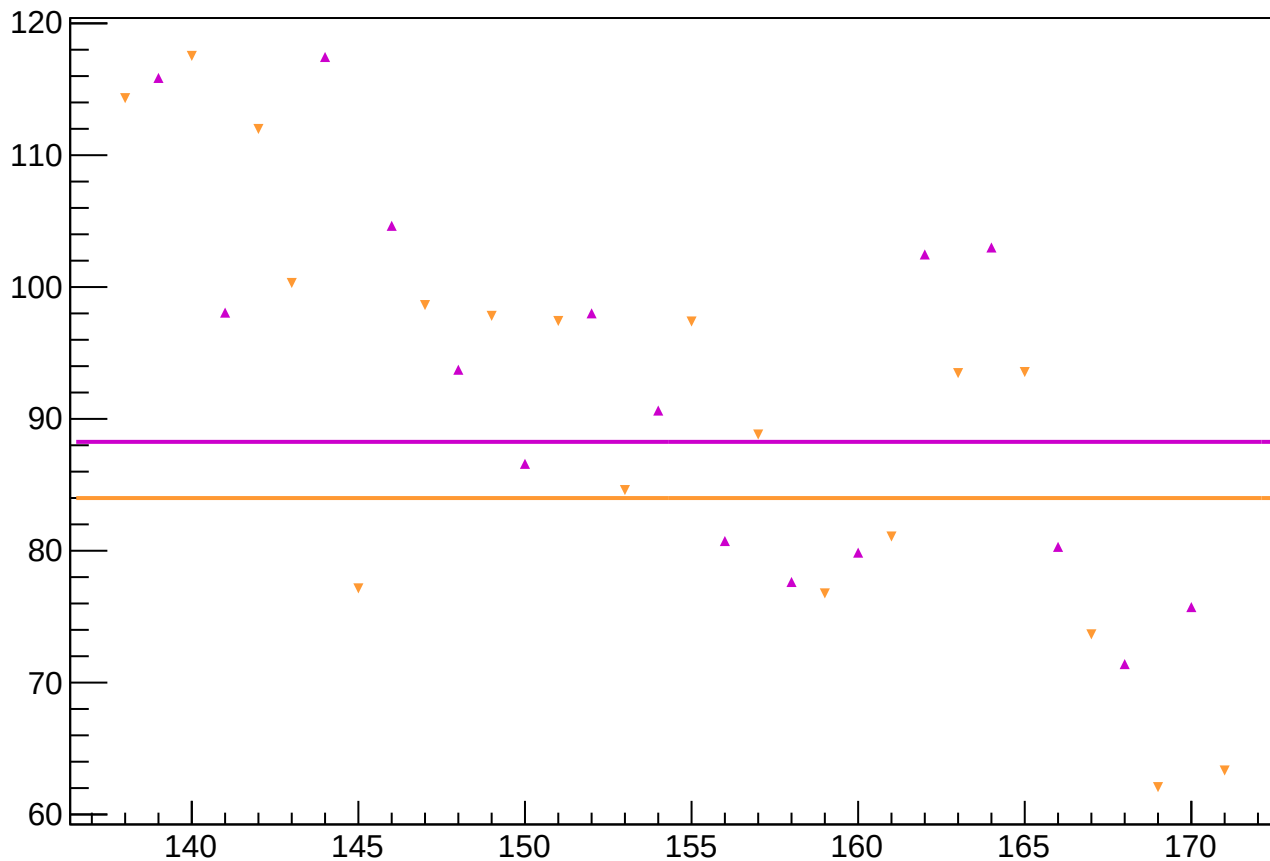
Left In: -56.677 $\pm$ 25.385 χ^2 /NDF:15.4/15

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

All: 3.083 $\pm$ 17.232 χ^2 /NDF: 53.5/33

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

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 83.996+/-0.017 χ^2/NDF : 890344.2/17

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

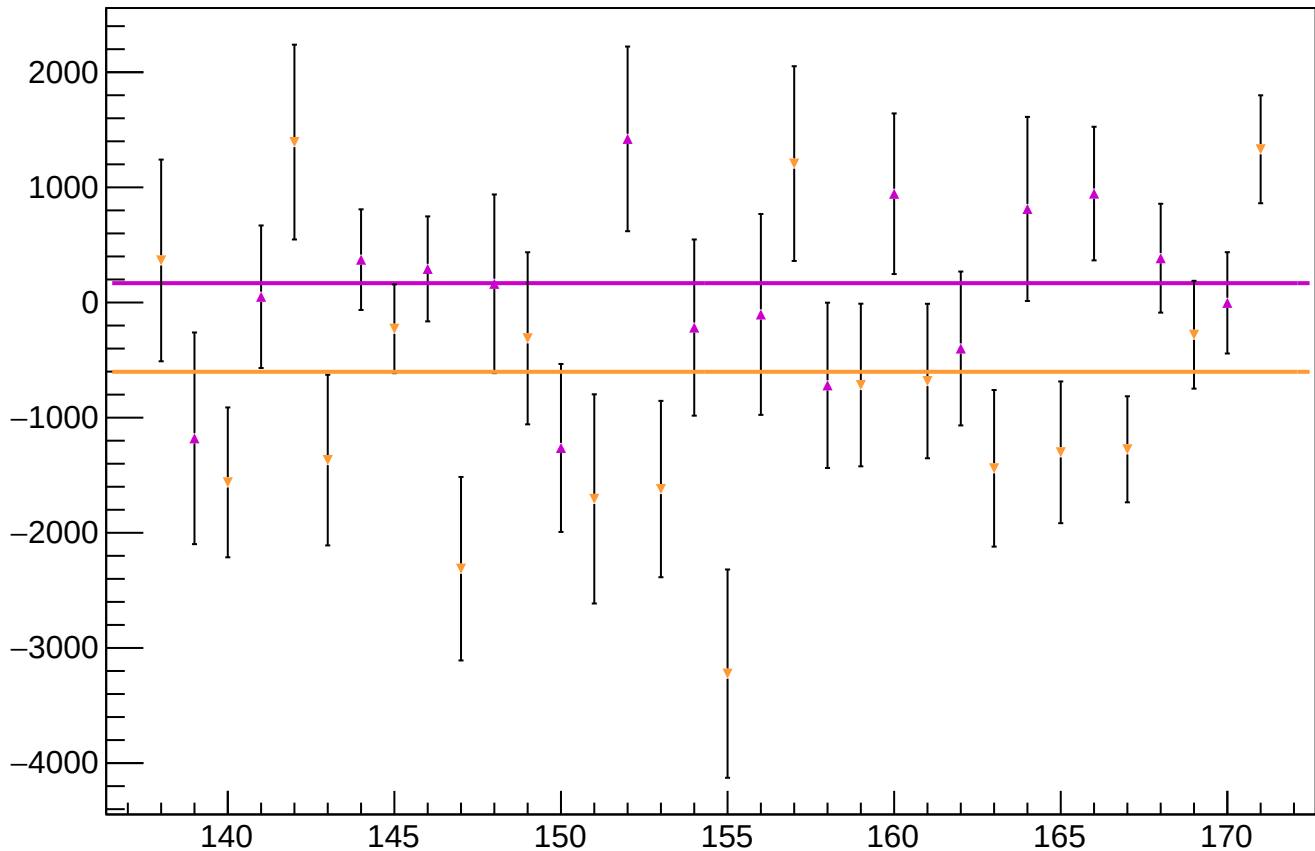
Left In: 88.259+/-0.018 χ^2/NDF : 523767.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.960+/-0.012 χ^2/NDF : 1444515.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -601.713+/-148.470 χ^2/NDF : 54.4/17

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

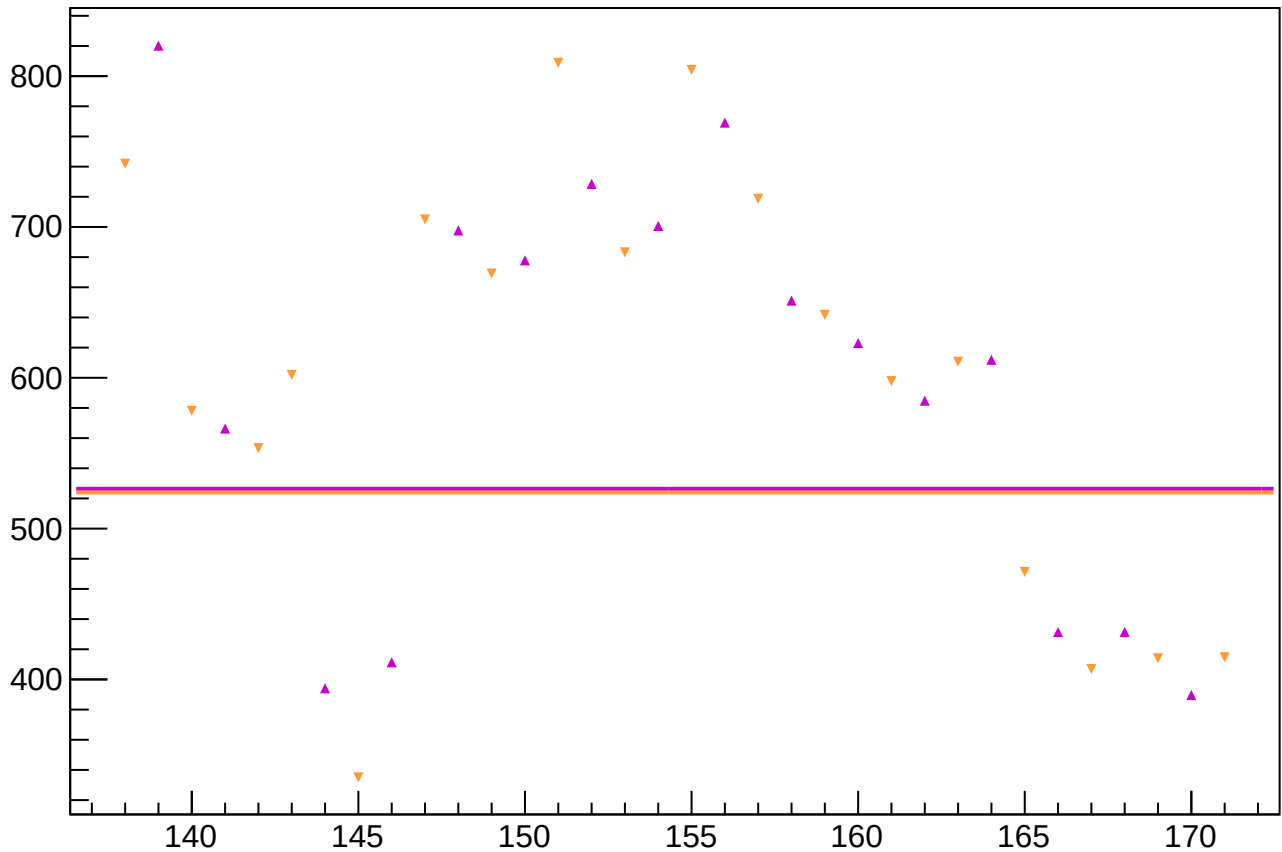
Left In: 168.166+/-153.630 χ^2/NDF : 15.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.918+/-106.762 χ^2/NDF : 82.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 523.927+/-0.105 χ^2/NDF : 1876779.8/17

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

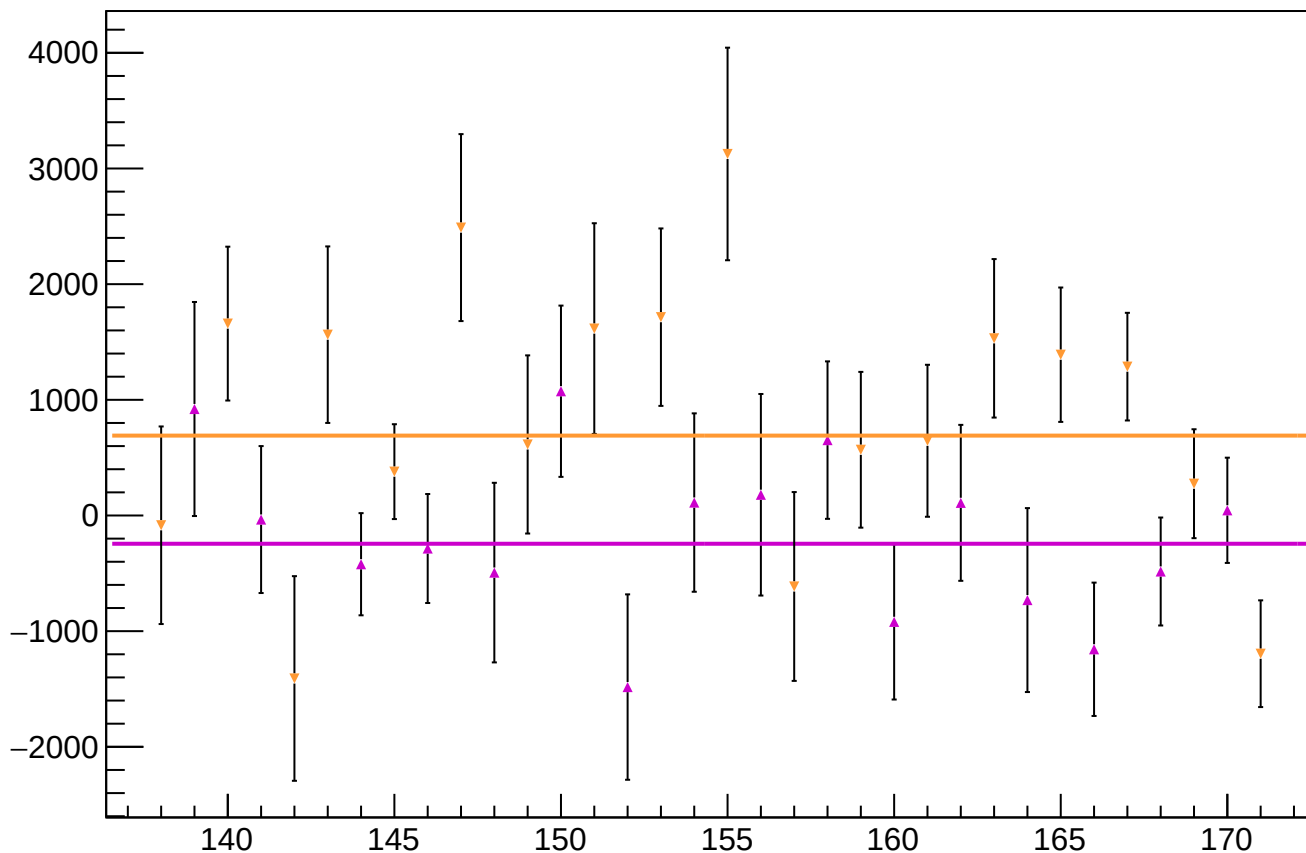
Left In: 526.394+/-0.109 χ^2/NDF : 1557130.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.119+/-0.075 χ^2/NDF : 3434176.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 690.703+/-149.360 χ^2/NDF : 49.9/17

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

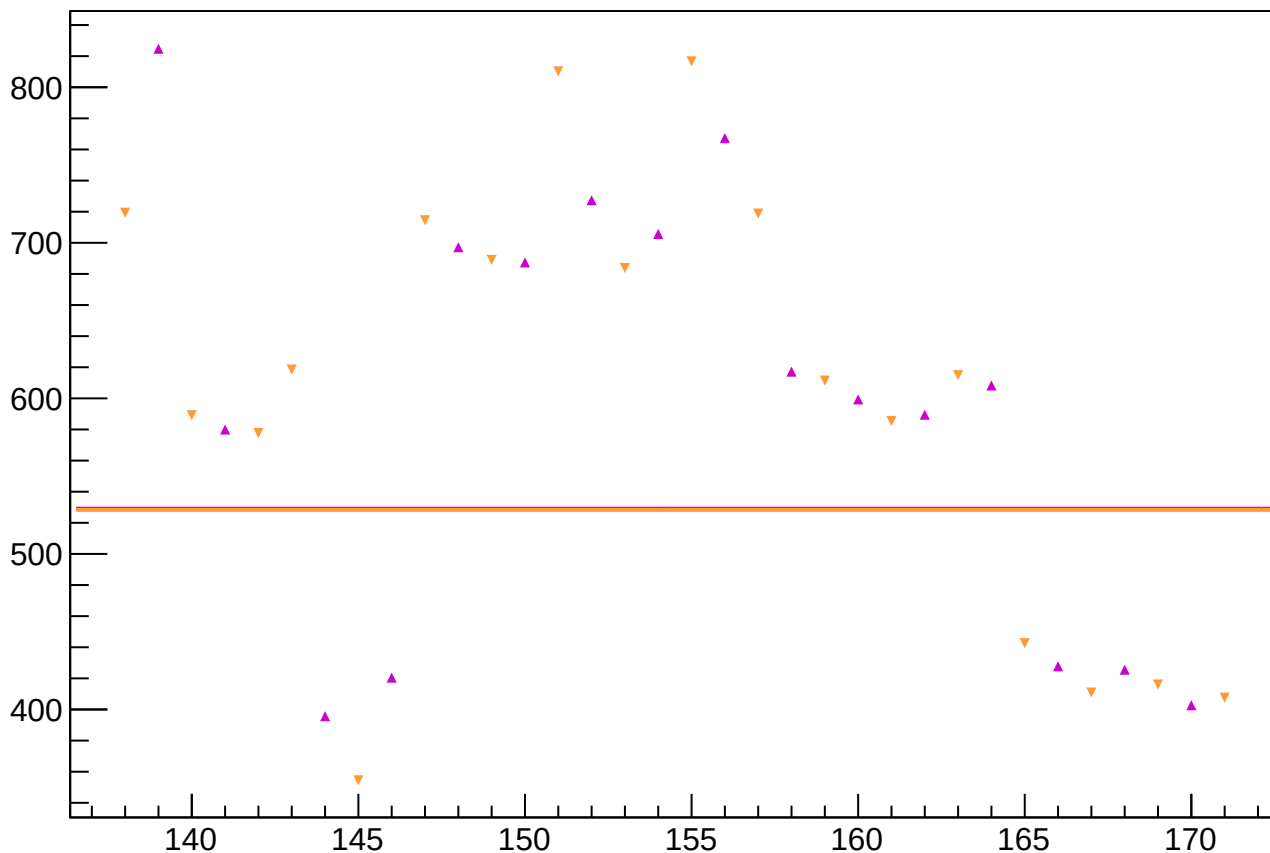
Left In: -244.337+/-154.479 χ^2/NDF : 14.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.930+/-107.378 χ^2/NDF : 83.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_rms vs Slug



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

Left Out: 528.321+/-0.106 χ^2/NDF :1782425.5/17

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

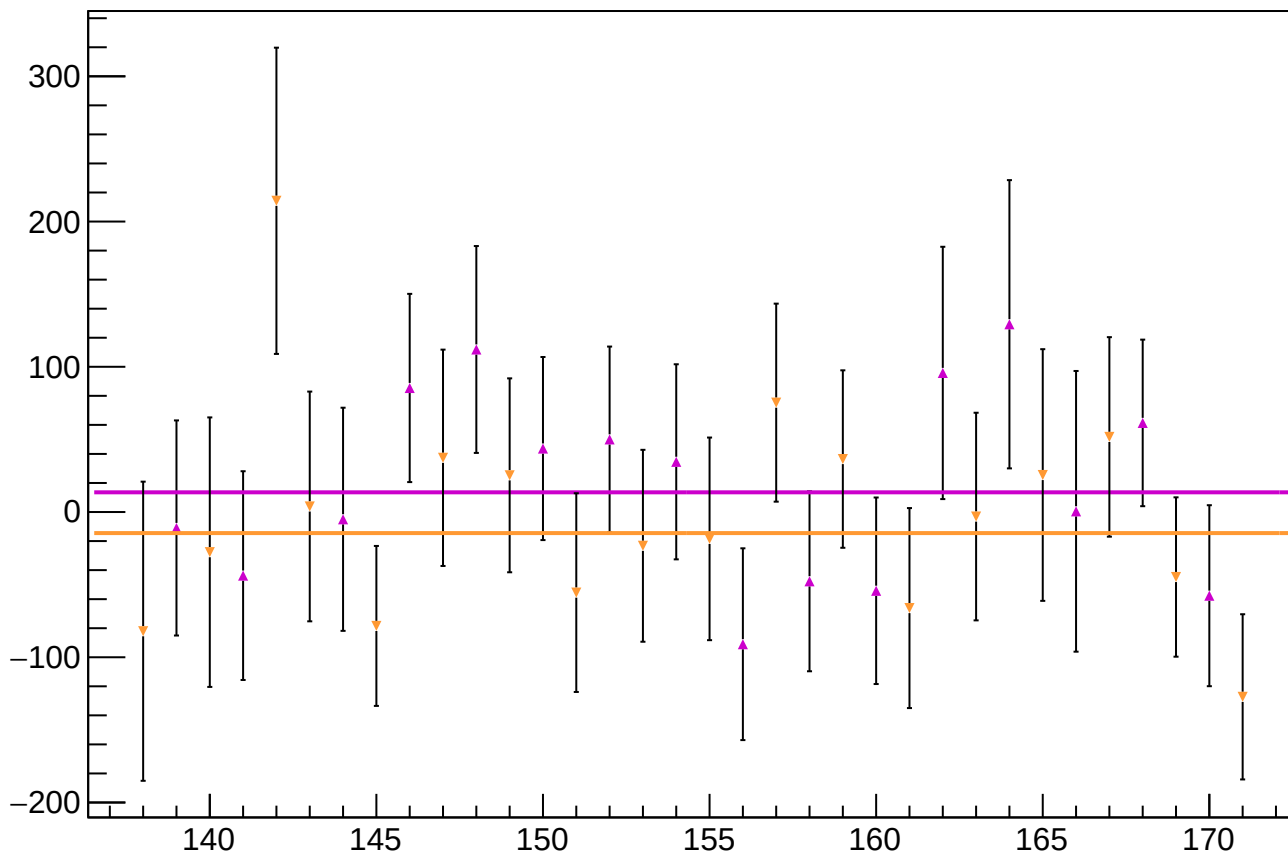
Left In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.686+/-0.076 χ^2/NDF : 3256082.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -14.502+/-16.397 χ^2/NDF : 16.2/17

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

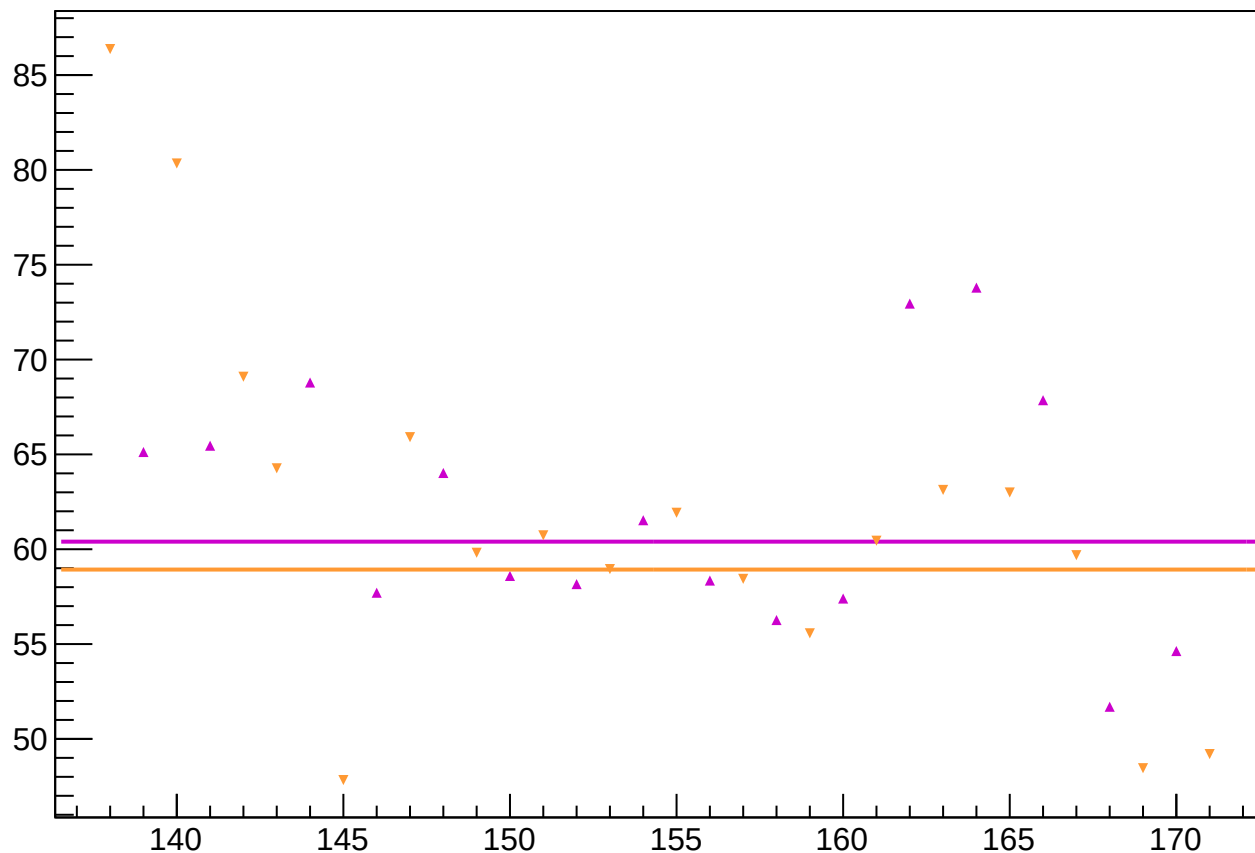
Left In: 13.565+/-17.318 χ^2/NDF : 13.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.234+/-11.907 χ^2/NDF : 31.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 58.928+/-0.012 χ^2/NDF : 530529.9/17

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

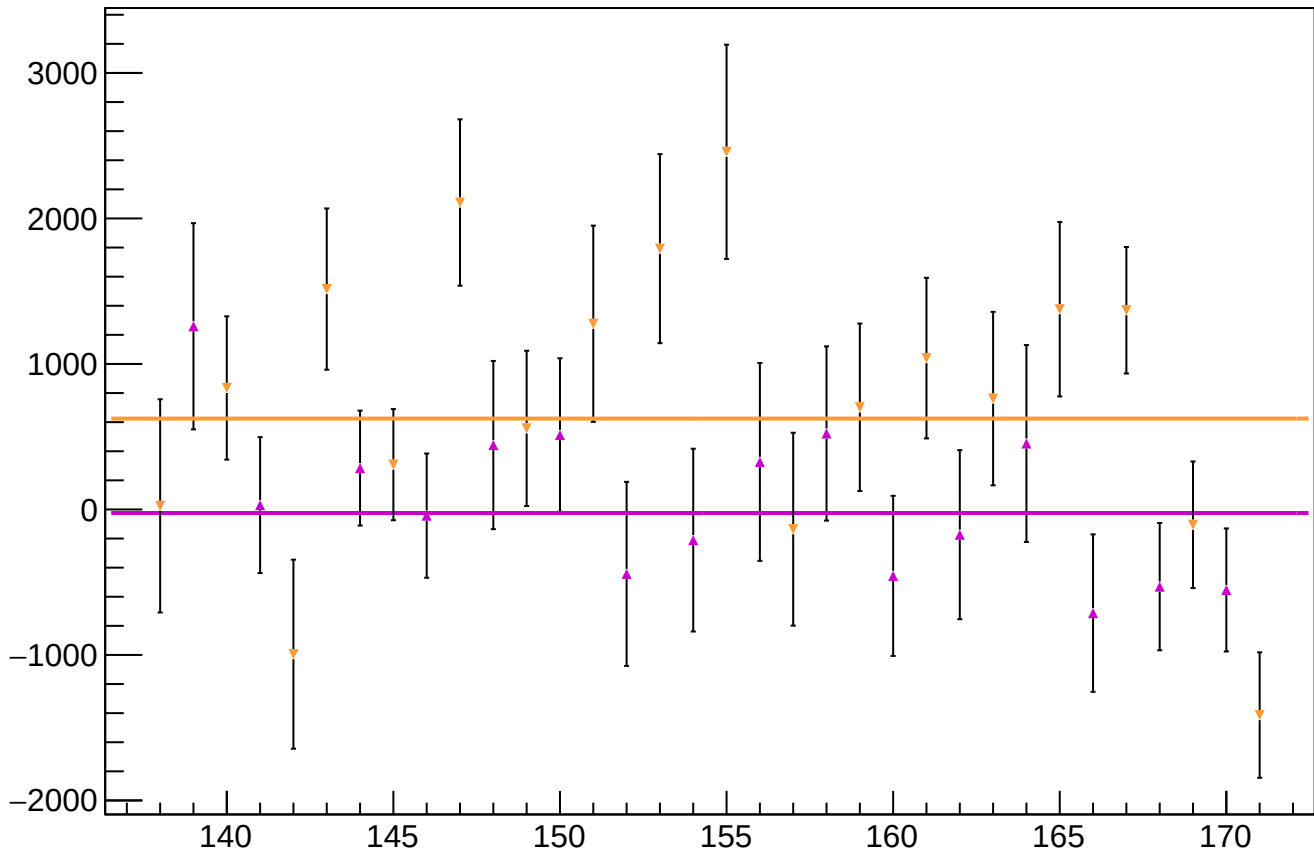
Left In: 60.400+/-0.012 χ^2/NDF : 223710.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.624+/-0.008 χ^2/NDF : 761855.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 624.489+/-127.431 χ^2/NDF : 59.1/17

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

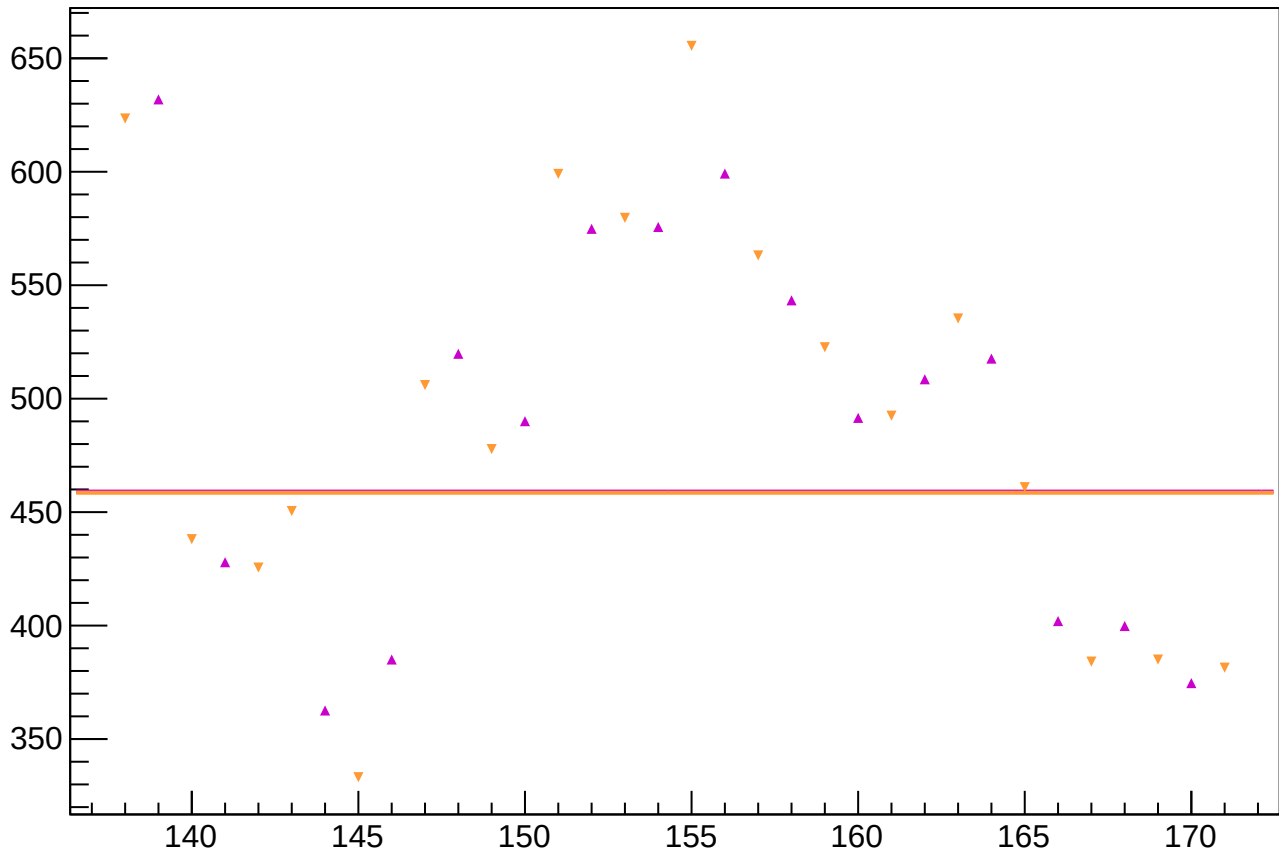
Left In: -24.435+/-131.619 χ^2/NDF : 12.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.516+/-91.552 χ^2/NDF : 84.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 458.548+/-0.090 χ^2/NDF : 936663.0/17

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

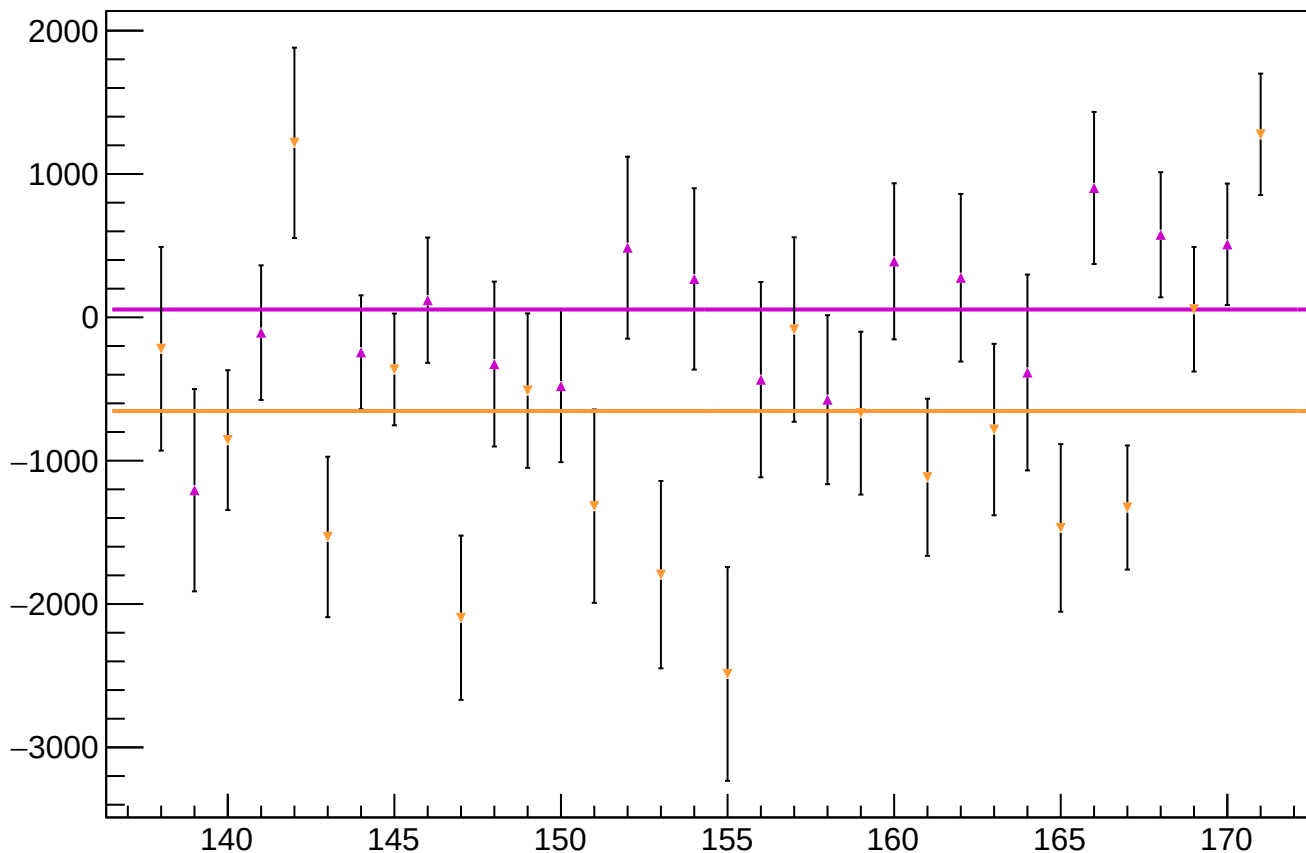
Left In: 459.047+/-0.093 χ^2/NDF : 771939.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.790+/-0.065 χ^2/NDF : 1708617.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -653.810 $\pm$ 127.183 χ^2 /NDF:57.3/17

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

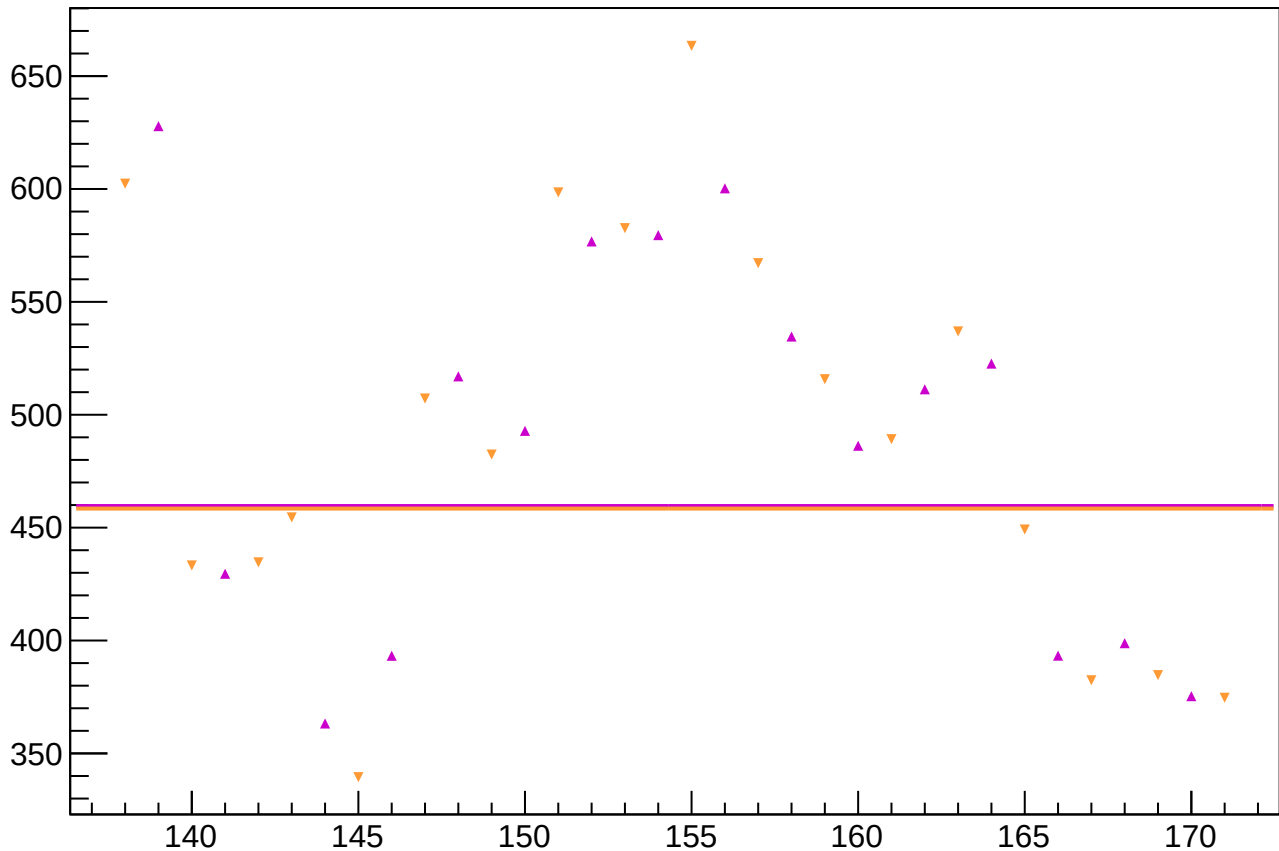
Left In: 54.654 $\pm$ 131.855 χ^2 /NDF:13.7/15

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

All: -312.351 $\pm$ 91.539 χ^2 /NDF: 85.9/33

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

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 458.441+/-0.090 χ^2/NDF : 920657.6/17

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

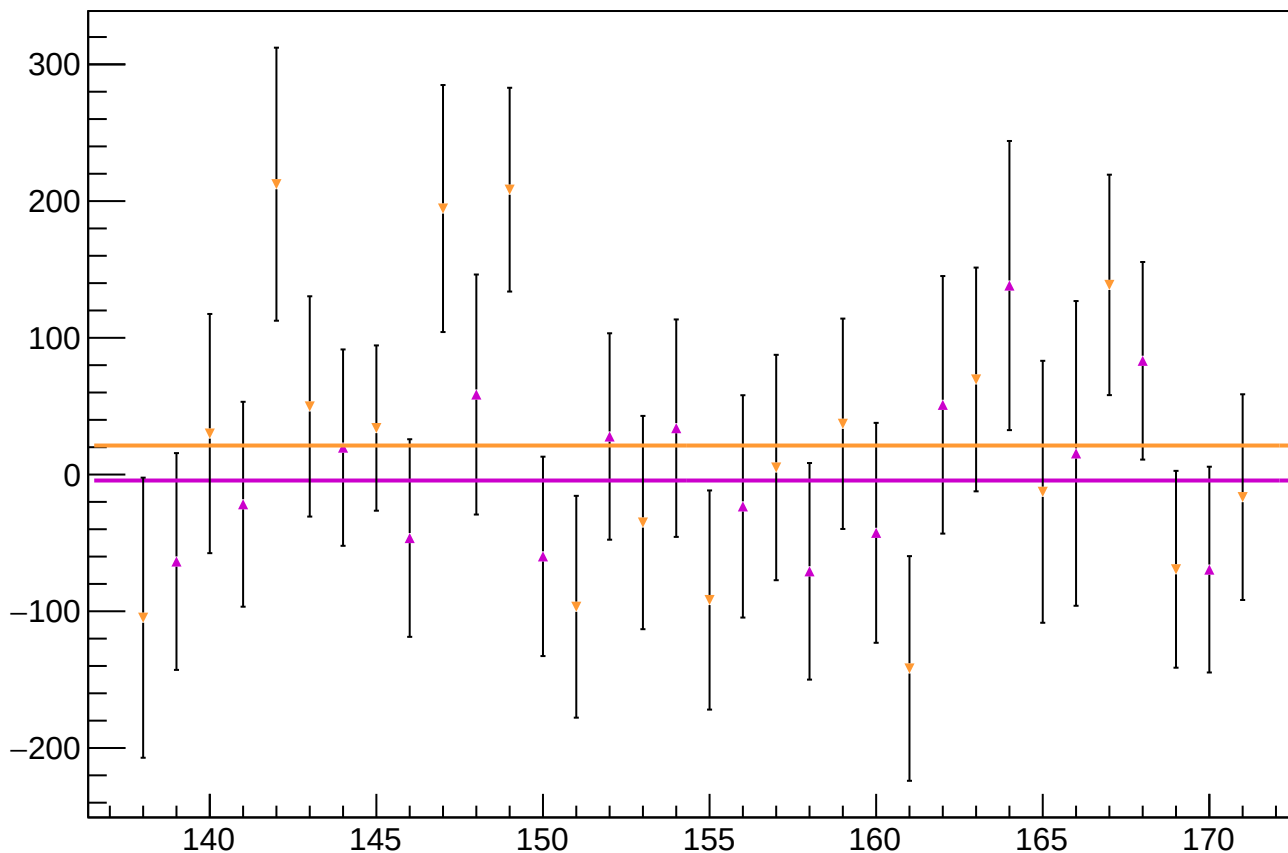
Left In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.985+/-0.065 χ^2/NDF : 1678410.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 21.231 $\pm$ 18.984 χ^2 /NDF:28.4/17

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

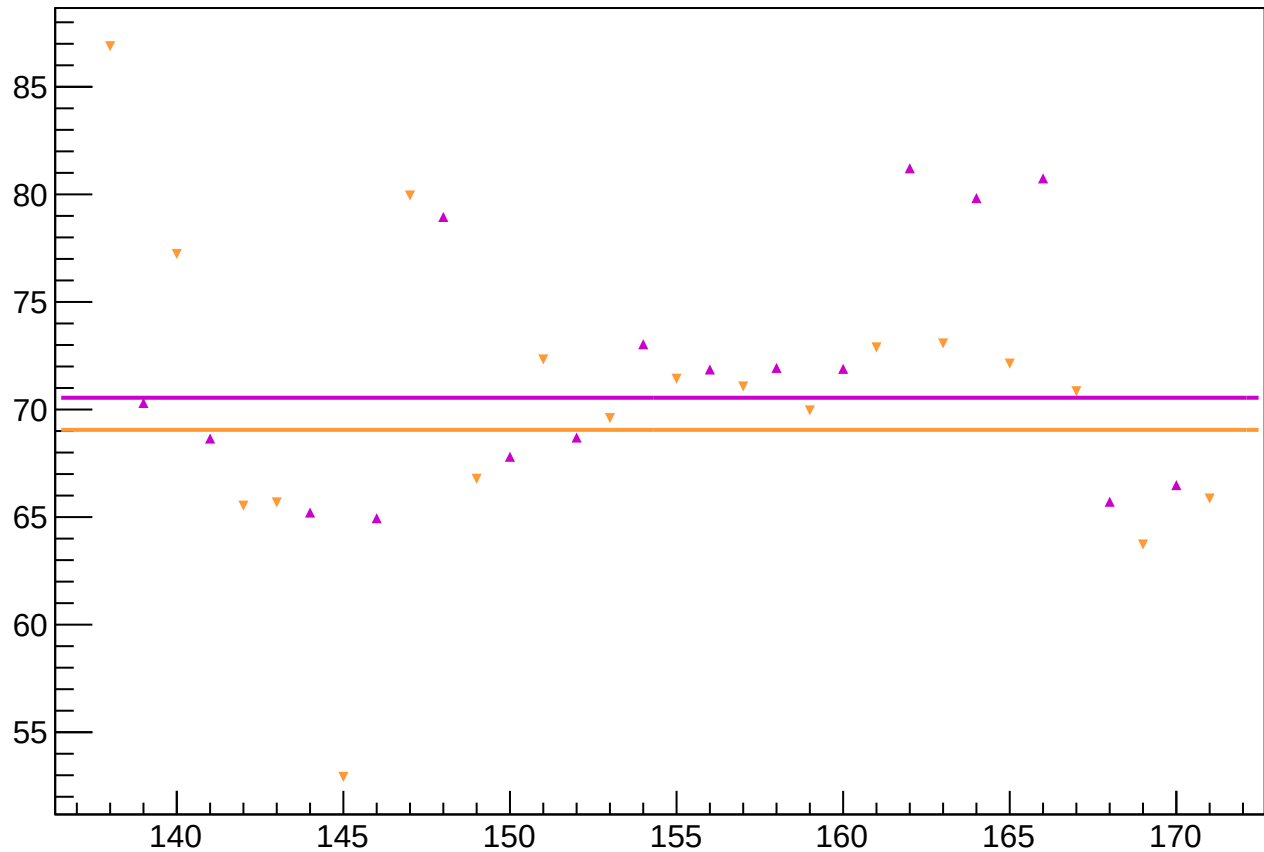
Left In: -4.361 $\pm$ 20.040 χ^2 /NDF:8.0/15

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

All: 9.127 $\pm$ 13.782 χ^2 /NDF: 37.2/33

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

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 69.054+/-0.013 χ^2/NDF :290827.2/17

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

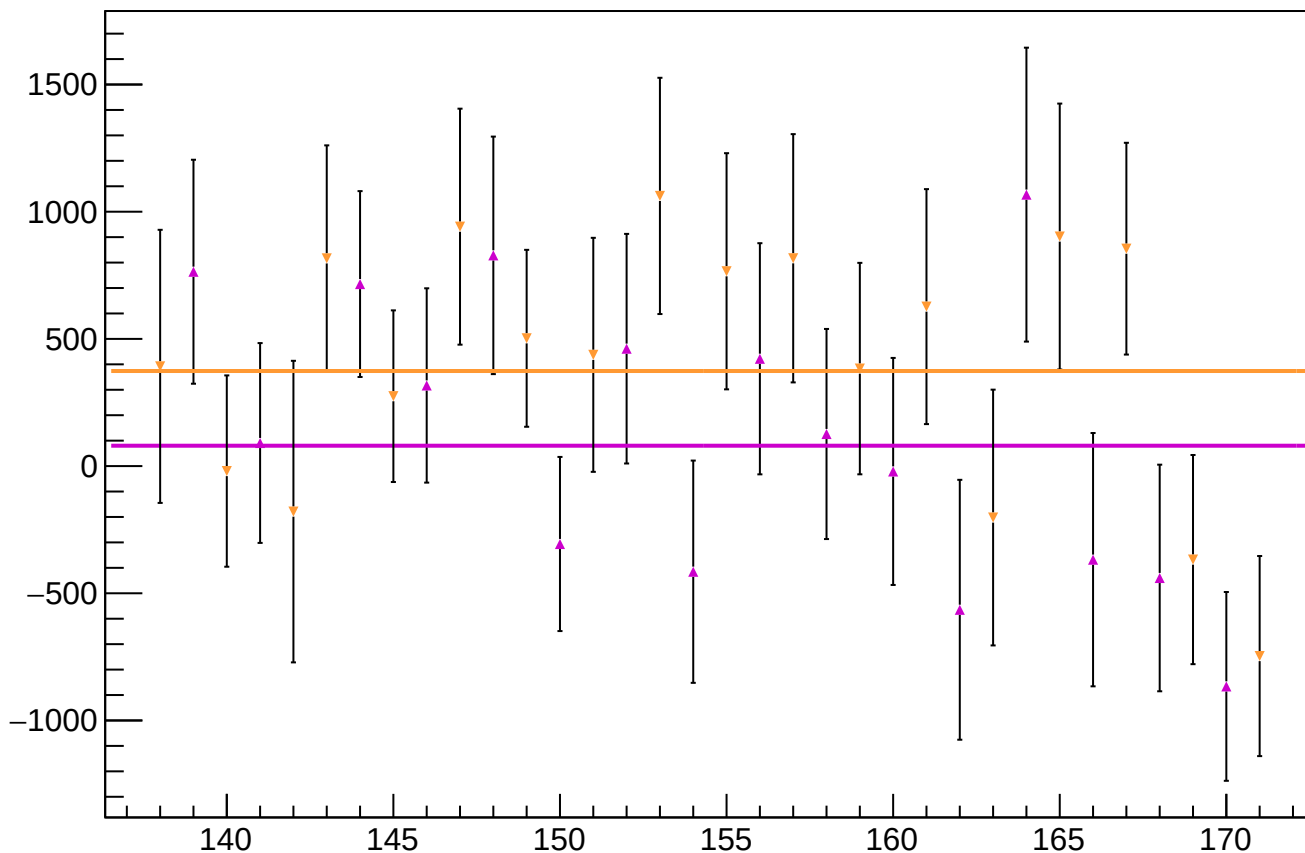
Left In: 70.547+/-0.014 χ^2/NDF :122943.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.760+/-0.010 χ^2/NDF : 419621.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 373.763 $\pm$ 102.811 χ^2 /NDF:23.8/17

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

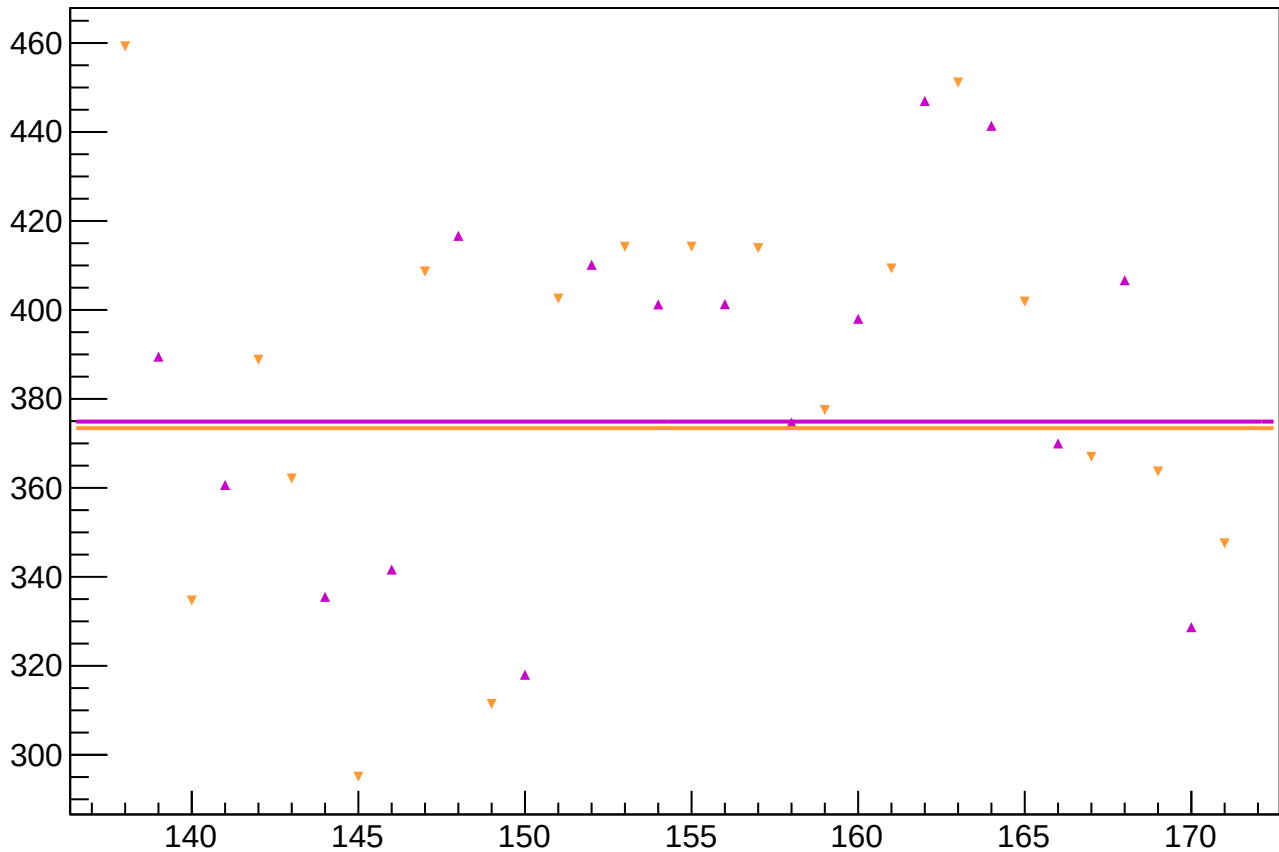
Left In: 80.104 $\pm$ 106.506 χ^2 /NDF:25.5/15

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

All: 232.116 $\pm$ 73.970 χ^2 /NDF: 53.2/33

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

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 373.422+/-0.073 χ^2/NDF : 386773.1/17

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

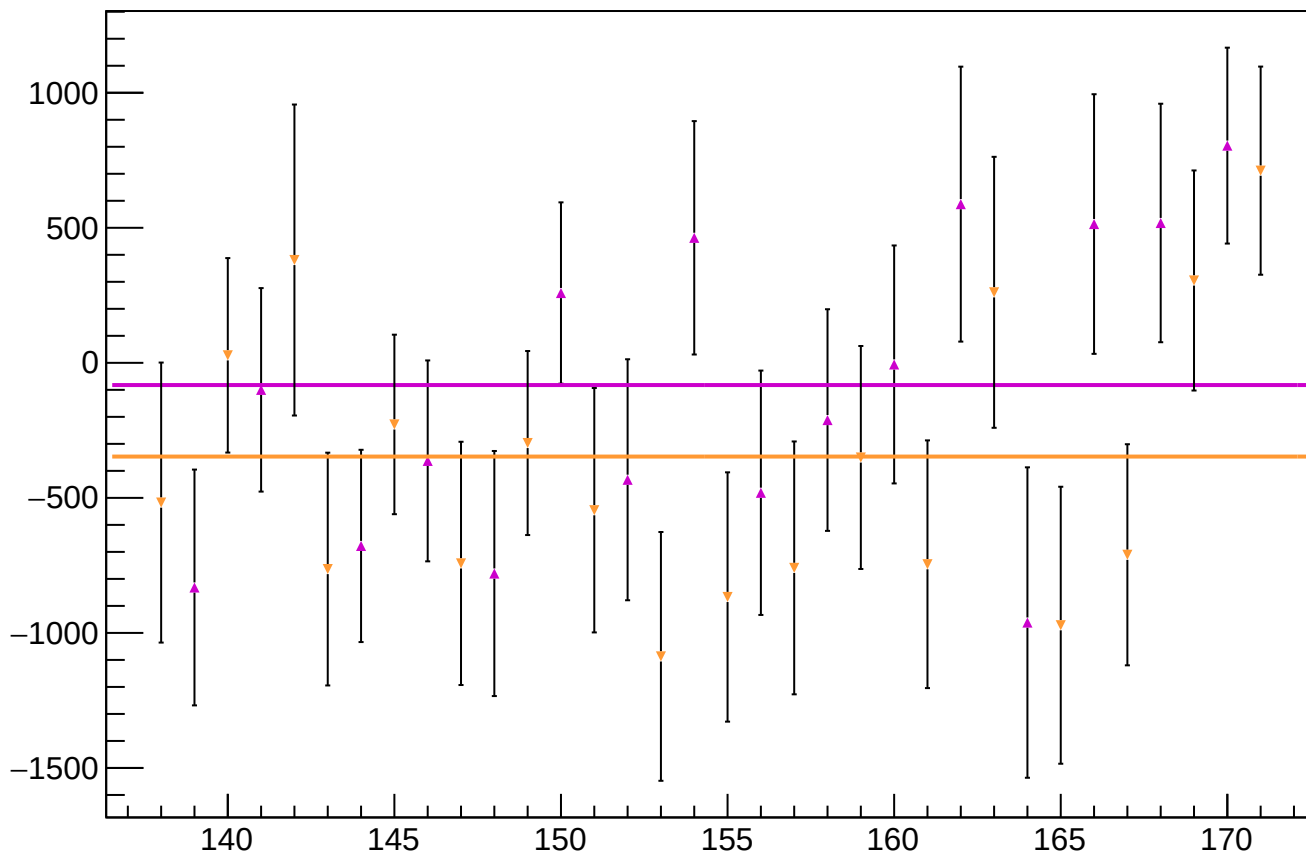
Left In: 374.902+/-0.075 χ^2/NDF : 253808.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.136+/-0.052 χ^2/NDF : 640781.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -347.031 $\pm$ 100.801 χ^2 /NDF:24.1/17

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

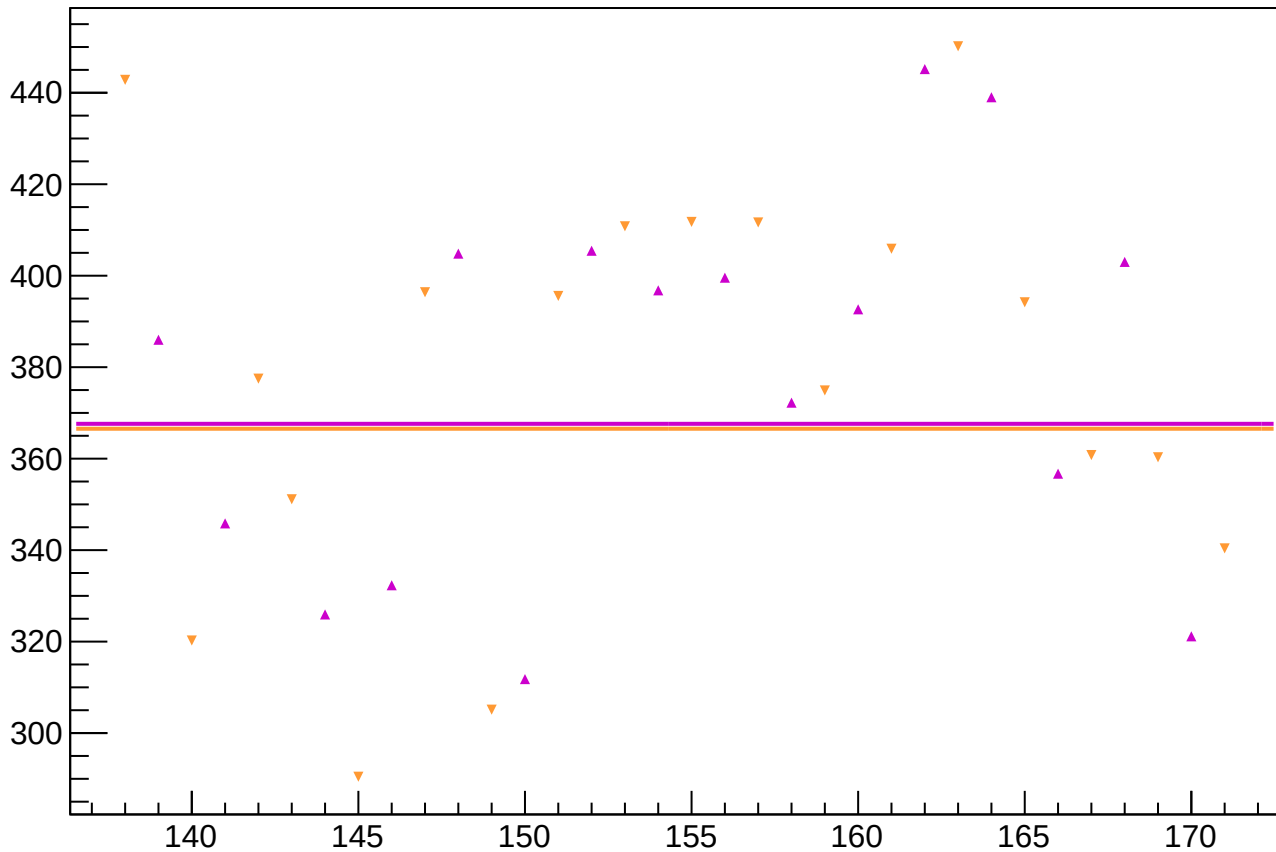
Left In: -82.249 $\pm$ 104.569 χ^2 /NDF:26.3/15

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

All: -219.497 $\pm$ 72.573 χ^2 /NDF: 53.7/33

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

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 366.540+/-0.071 χ^2/NDF : 409740.5/17

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

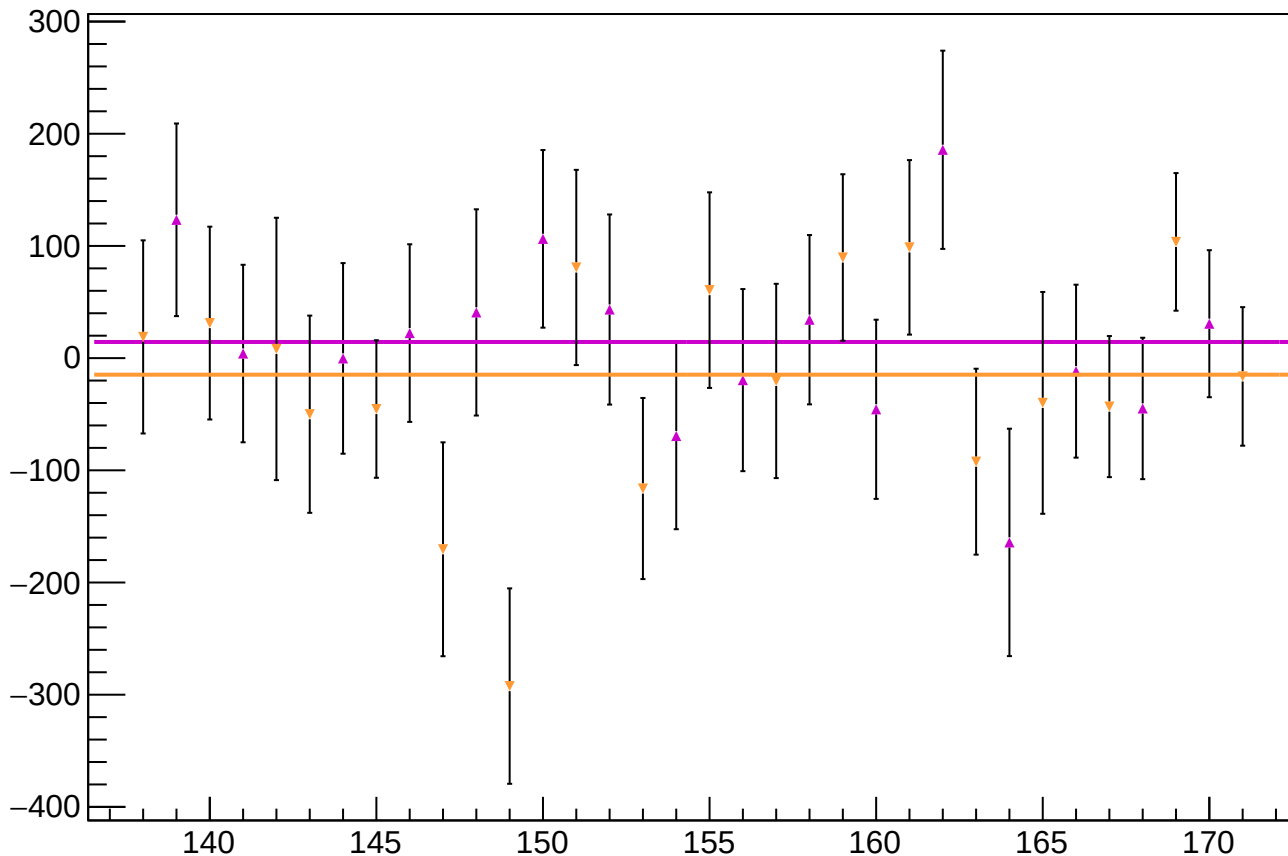
Left In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.059+/-0.051 χ^2/NDF : 698473.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -14.762 $\pm$ 18.545 χ^2 /NDF:26.2/17

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

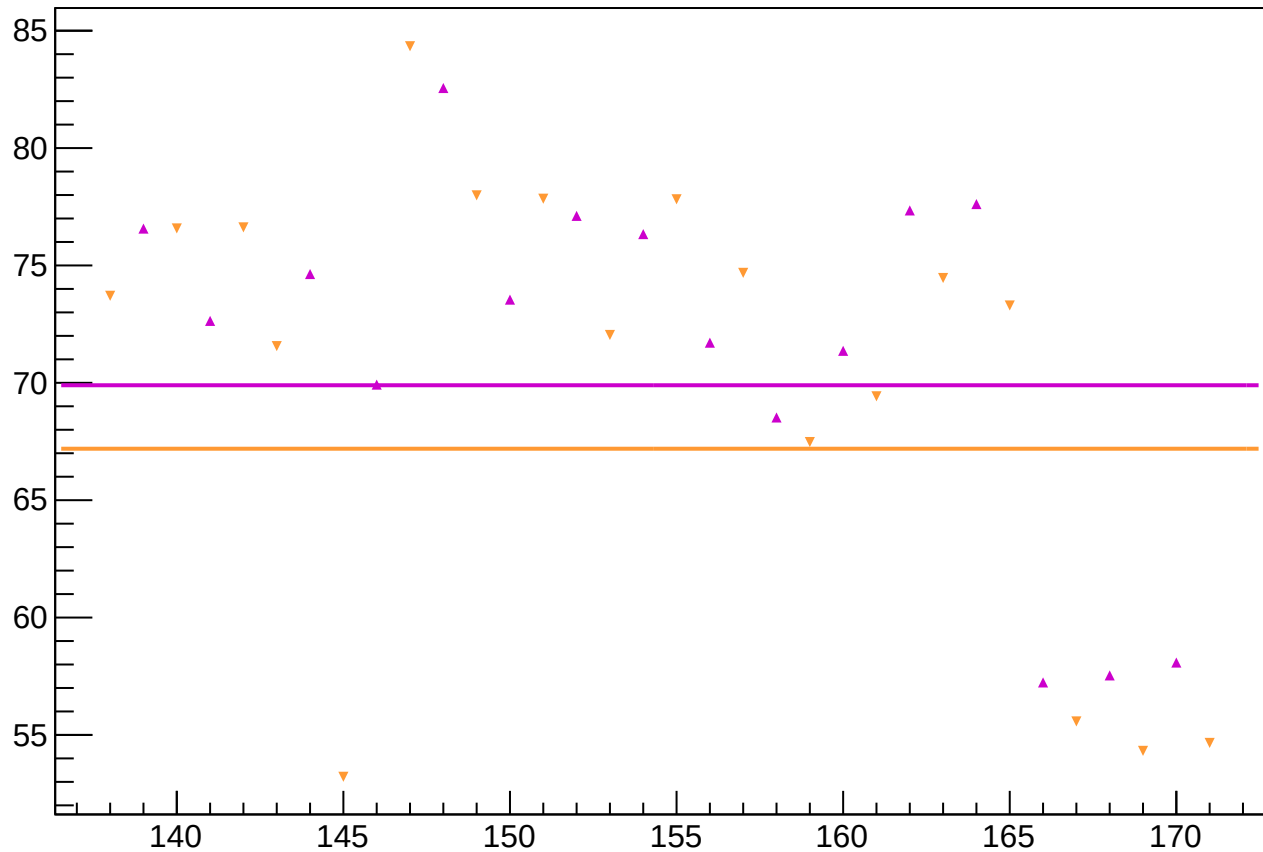
Left In: 14.394 $\pm$ 19.926 χ^2 /NDF:13.0/15

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

All: -1.229 $\pm$ 13.575 χ^2 /NDF: 40.3/33

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

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 67.193+/-0.013 χ^2/NDF : 597998.7/17

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

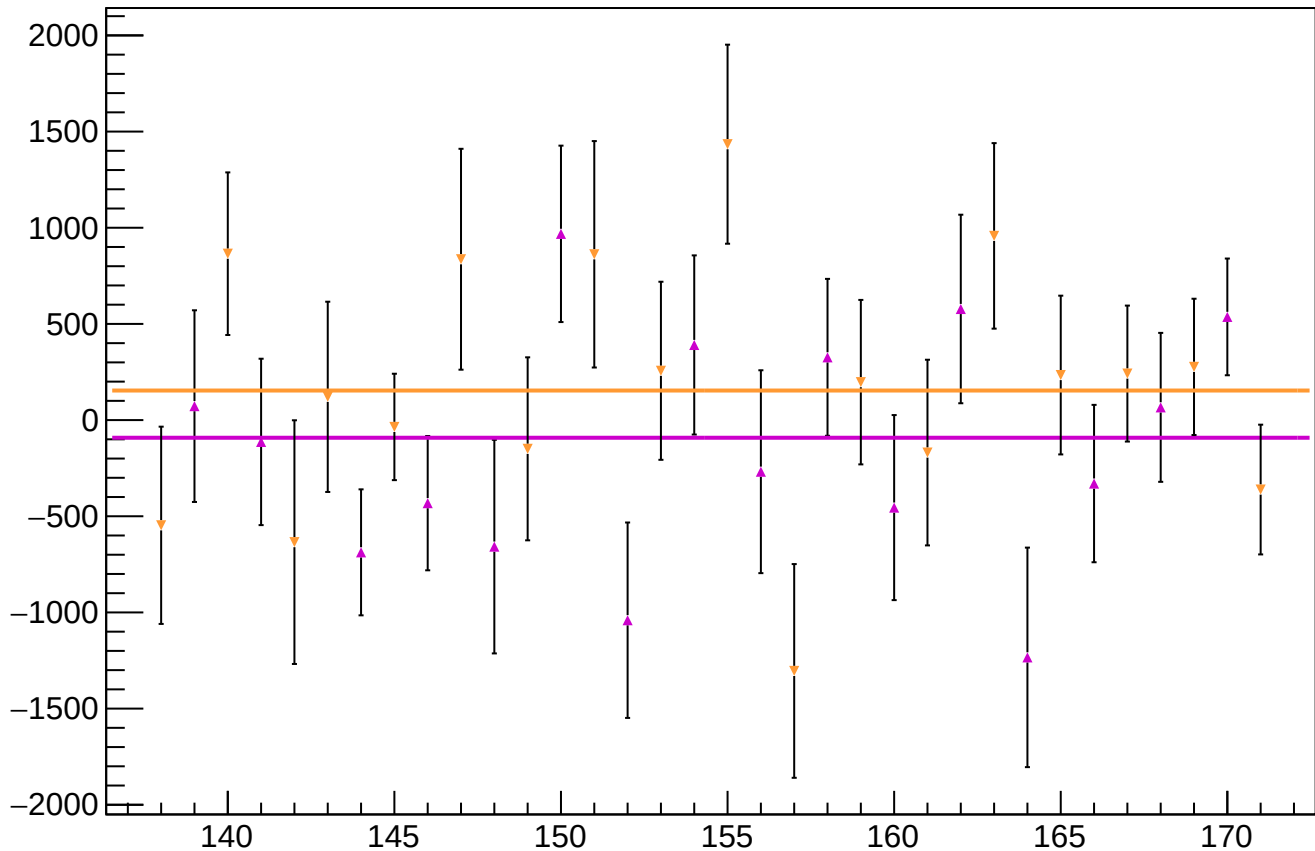
Left In: 69.896+/-0.014 χ^2/NDF : 313506.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.448+/-0.010 χ^2/NDF : 931237.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 153.699+/-102.207 χ^2/NDF : 28.8/17

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

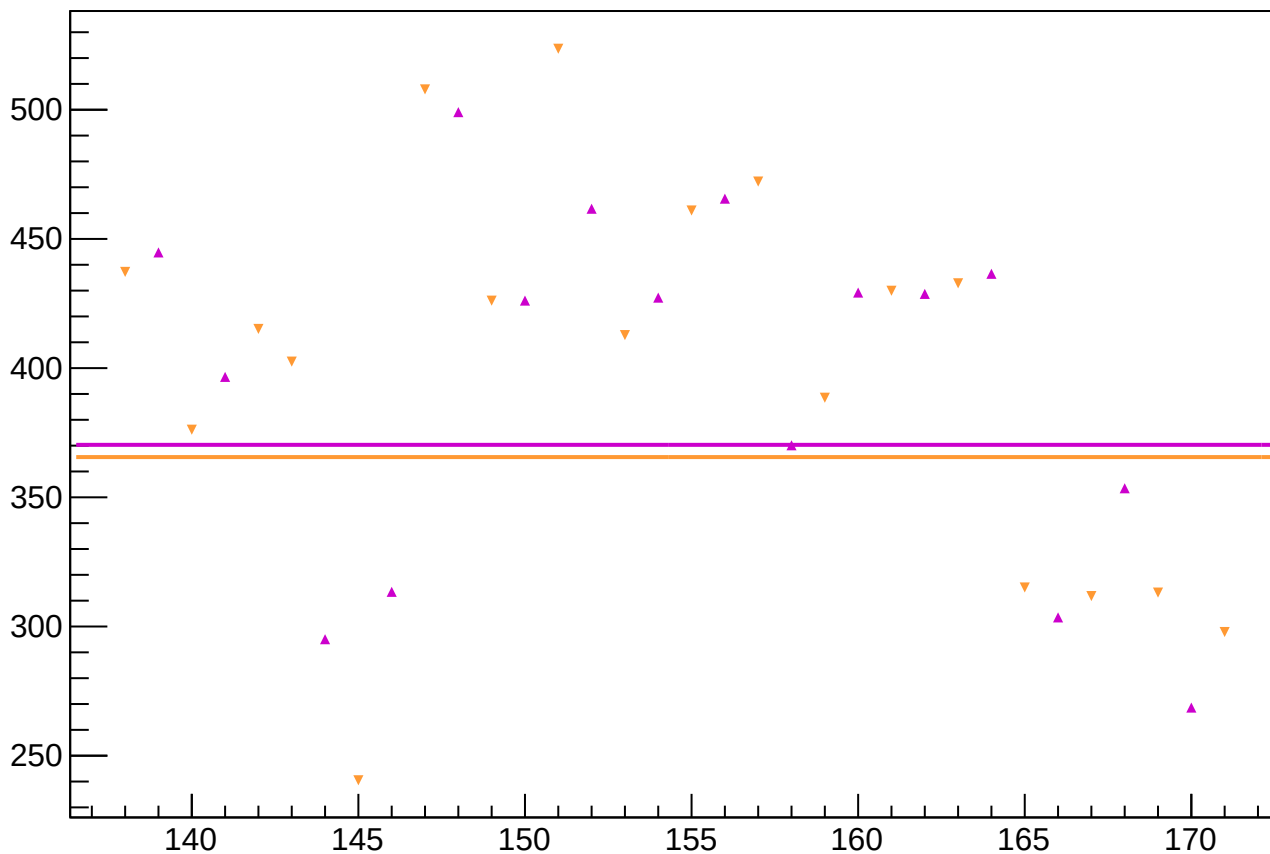
Left In: -91.829+/-106.572 χ^2/NDF : 27.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.066+/-73.766 χ^2/NDF : 59.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 365.570+/-0.072 χ^2/NDF :1215640.0/17

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

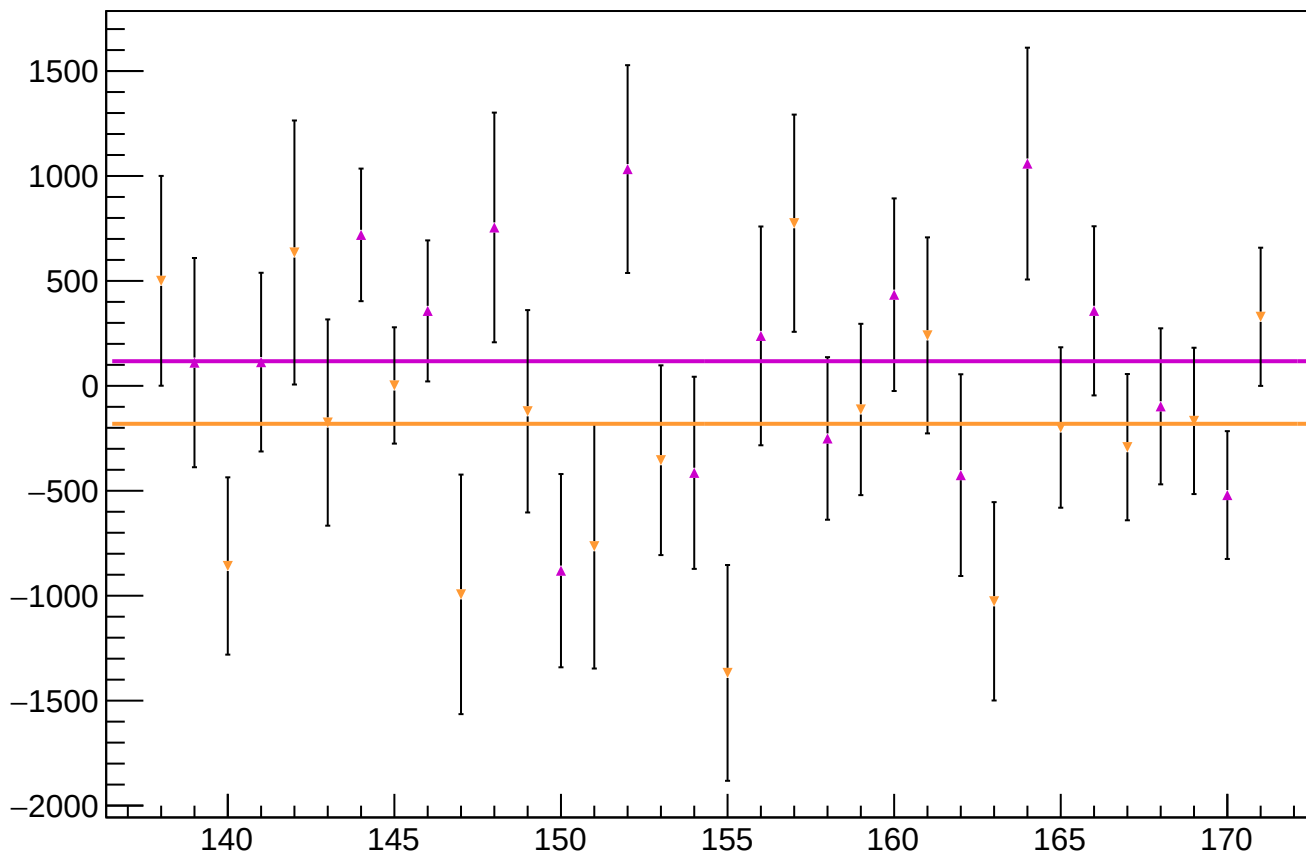
Left In: 370.309+/-0.075 χ^2/NDF :874750.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.841+/-0.052 χ^2/NDF : 2092450.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -180.829 $\pm$ 100.192 χ^2 /NDF:25.0/17

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

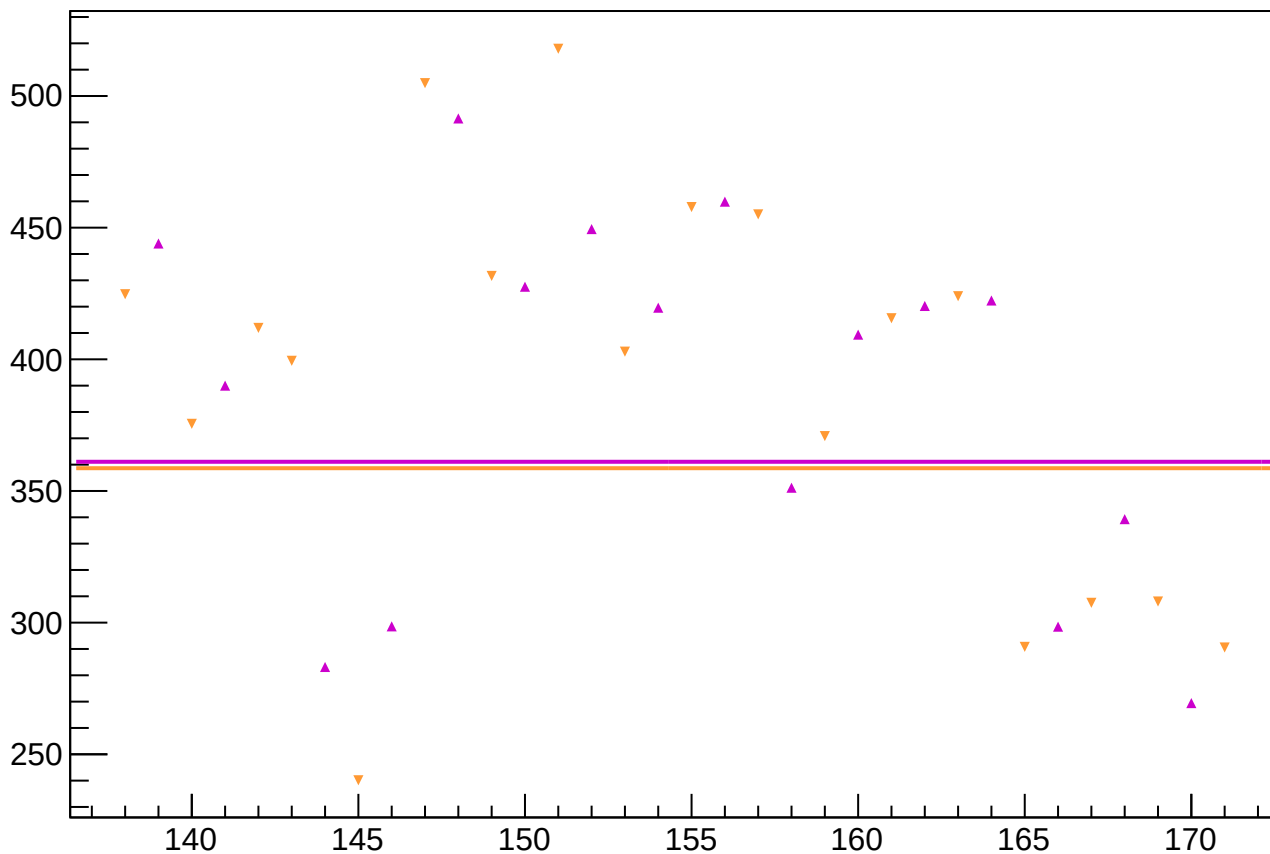
Left In: 117.386 $\pm$ 104.143 χ^2 /NDF:25.7/15

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

All: -37.485 $\pm$ 72.203 χ^2 /NDF: 54.9/33

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

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 358.646+/-0.071 χ^2/NDF :1225200.6/17

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

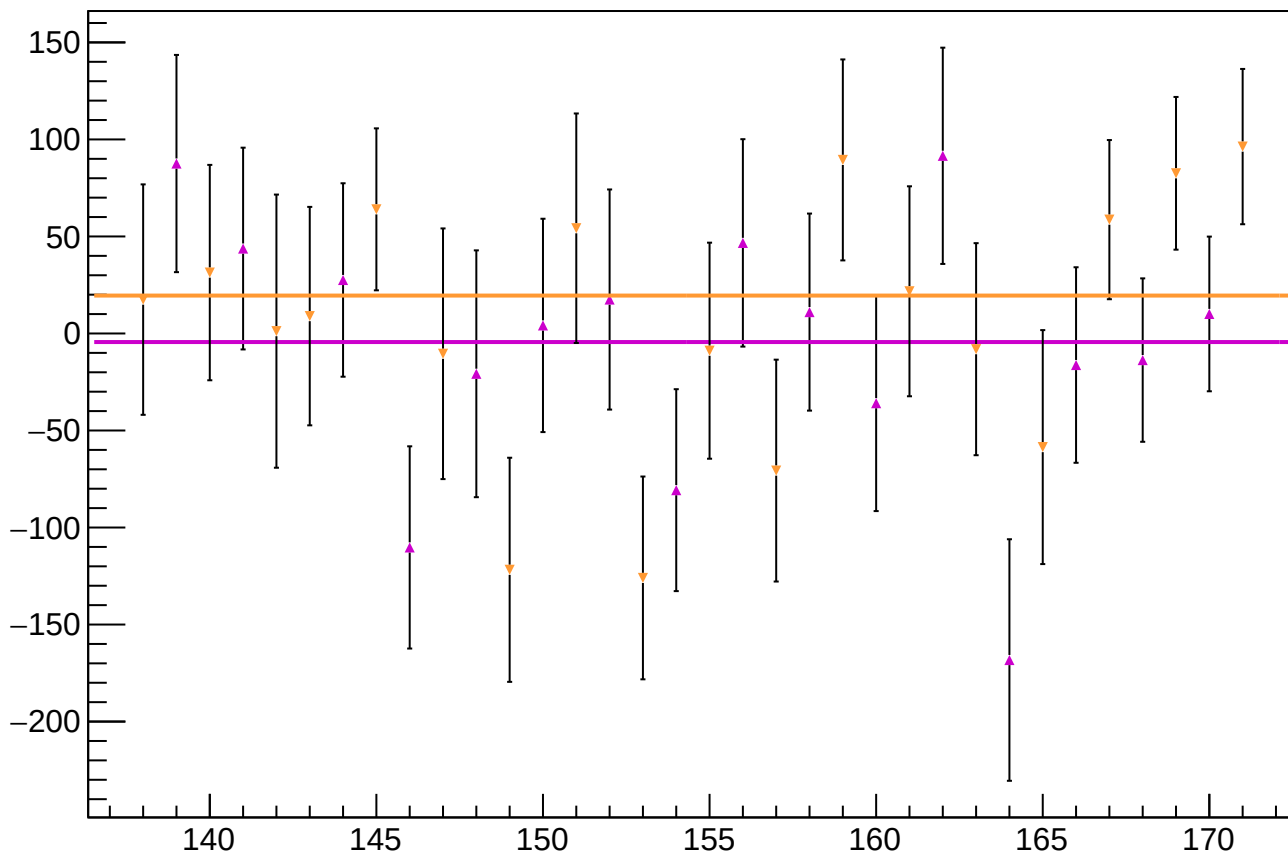
Left In: 361.090+/-0.074 χ^2/NDF :893539.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.821+/-0.051 χ^2/NDF : 2119312.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 19.537 $\pm$ 12.208 χ^2 /NDF:29.2/17

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

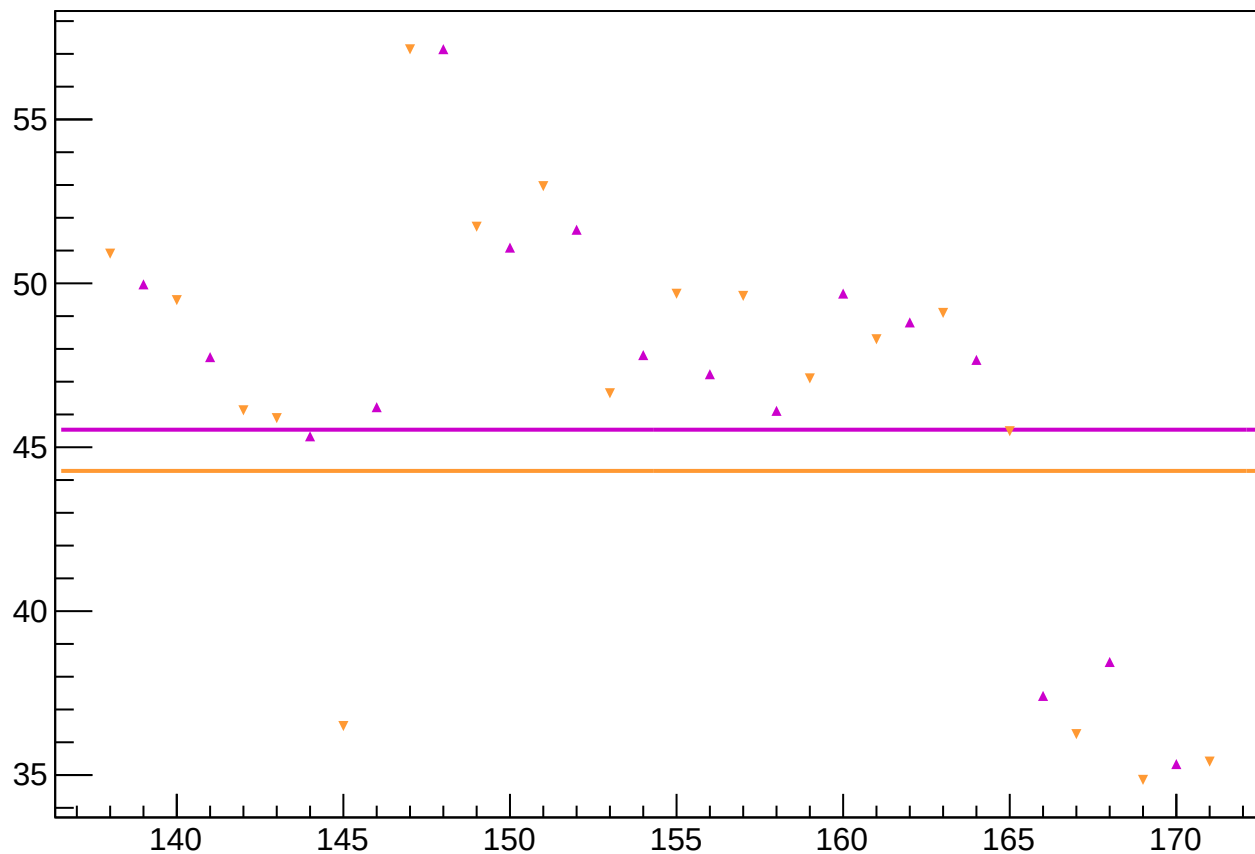
Left In: -4.418 $\pm$ 12.967 χ^2 /NDF:22.0/15

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

All: 8.281 $\pm$ 8.889 χ^2 /NDF: 53.0/33

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

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 44.278+/-0.009 χ^2/NDF : 634143.4/17

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

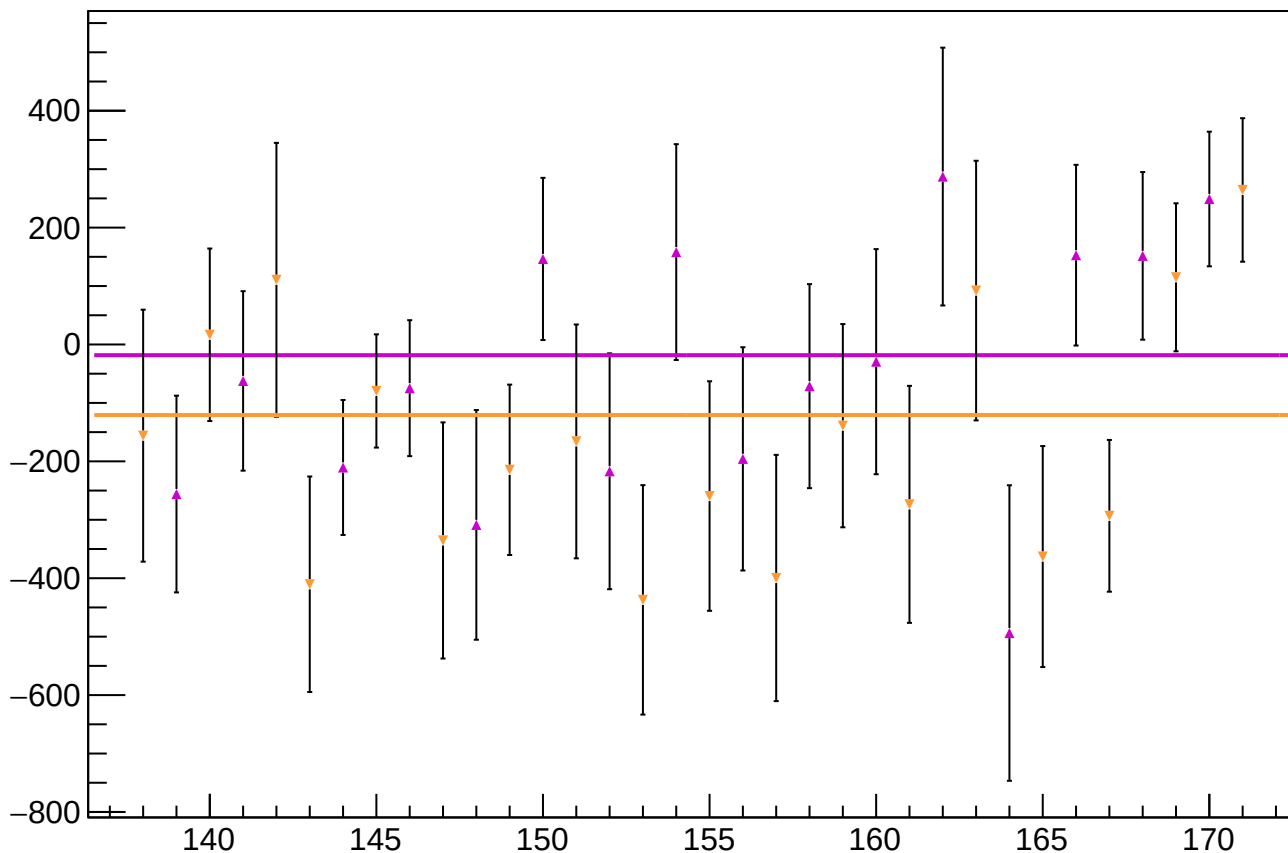
Left In: 45.535+/-0.009 χ^2/NDF : 392801.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.869+/-0.006 χ^2/NDF : 1036911.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -120.752 $\pm$ 38.179 χ^2 /NDF:29.2/17

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

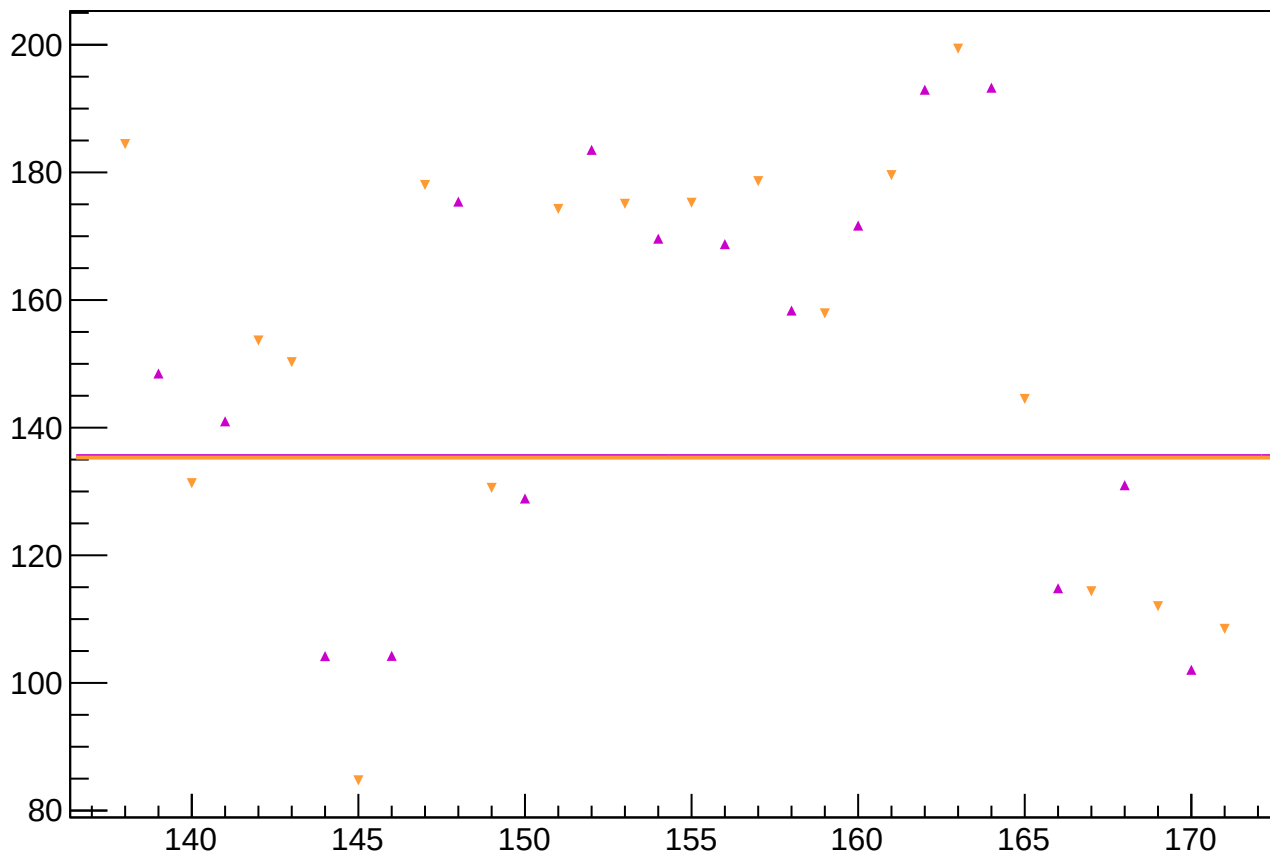
Left In: -18.316 $\pm$ 39.301 χ^2 /NDF:25.0/15

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

All: -71.016 $\pm$ 27.385 χ^2 /NDF: 57.6/33

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

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 135.314+/-0.027 χ^2/NDF : 1607751.4/17

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

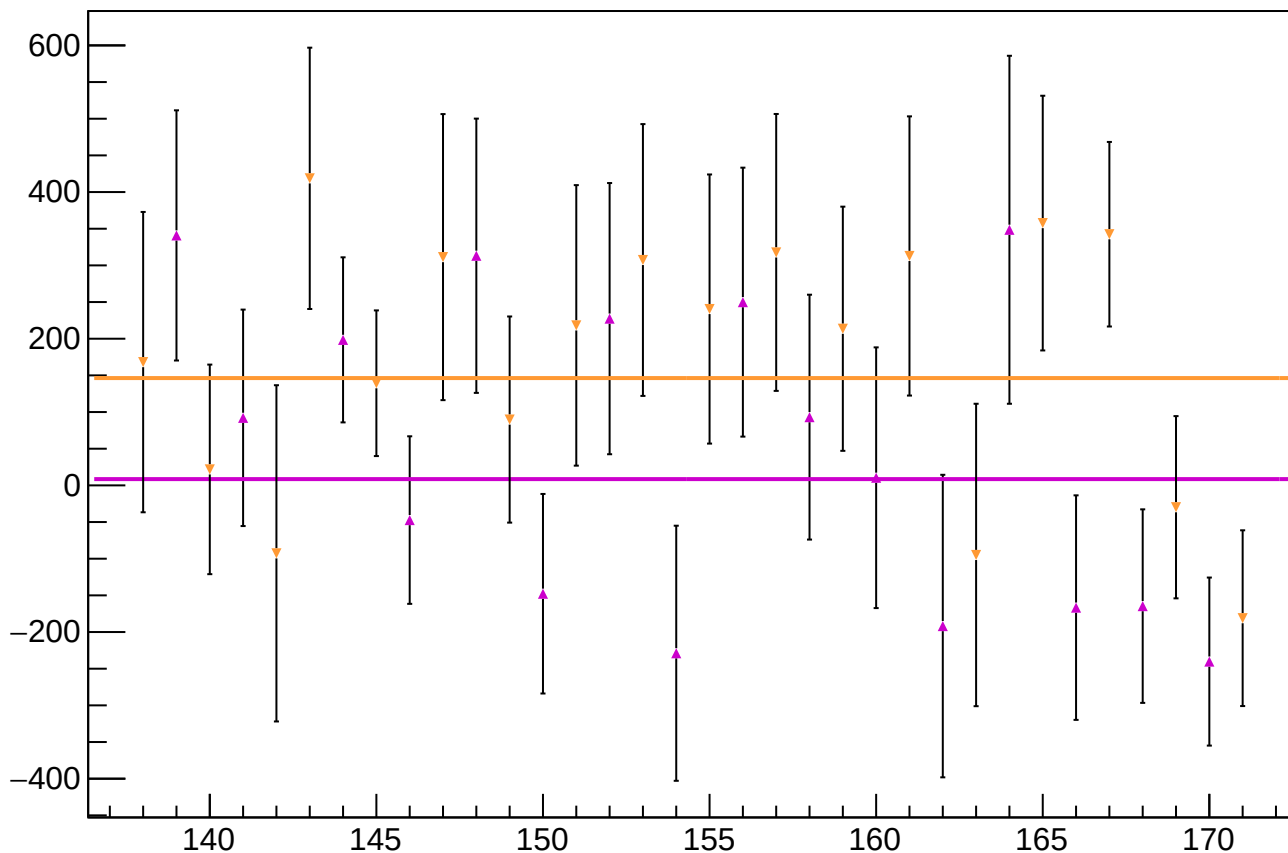
Left In: 135.537+/-0.028 χ^2/NDF : 1186143.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.422+/-0.019 χ^2/NDF : 2793928.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 146.330+/-36.919 χ^2/NDF :22.7/17

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

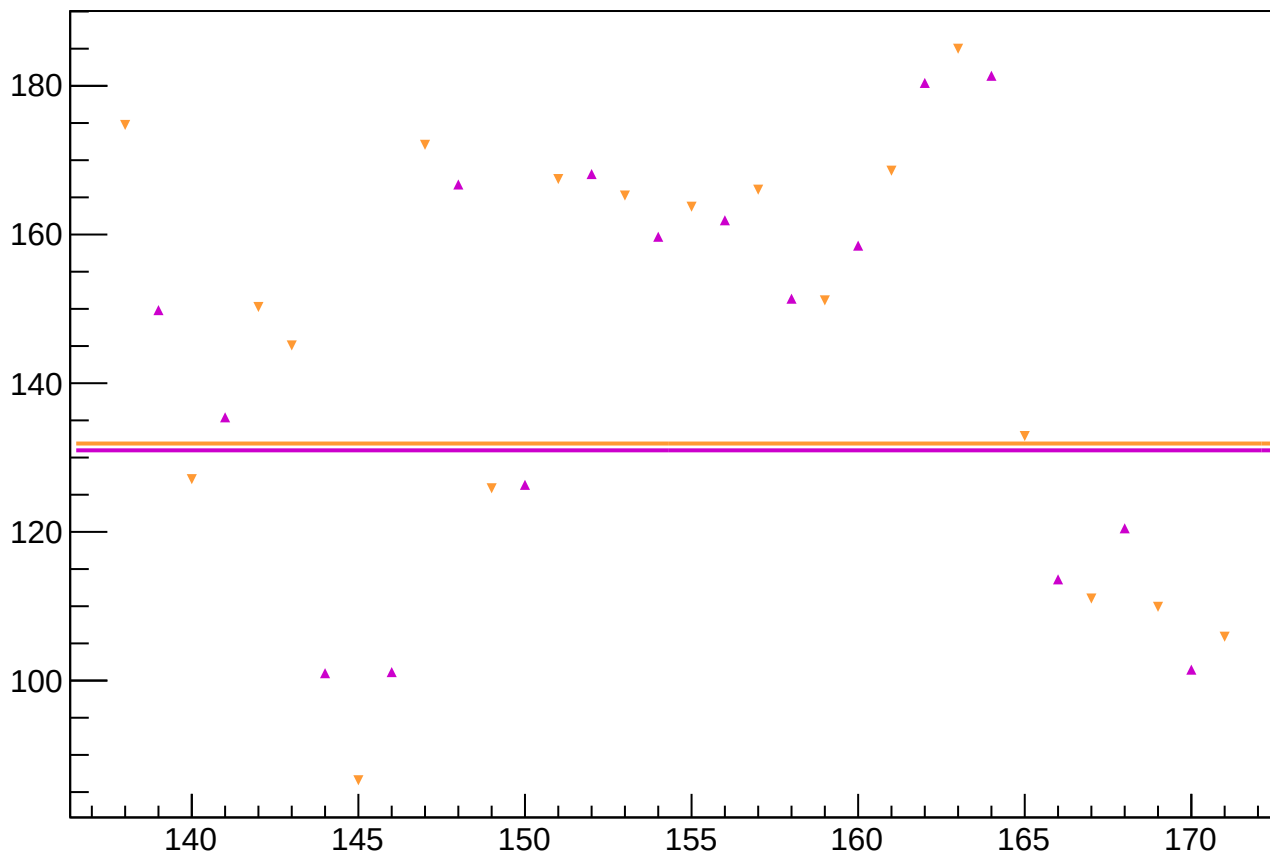
Left In: 8.550+/-37.919 χ^2/NDF :27.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.280+/-26.452 χ^2/NDF : 56.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 131.886+/-0.026 χ^2/NDF :1323041.6/17

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

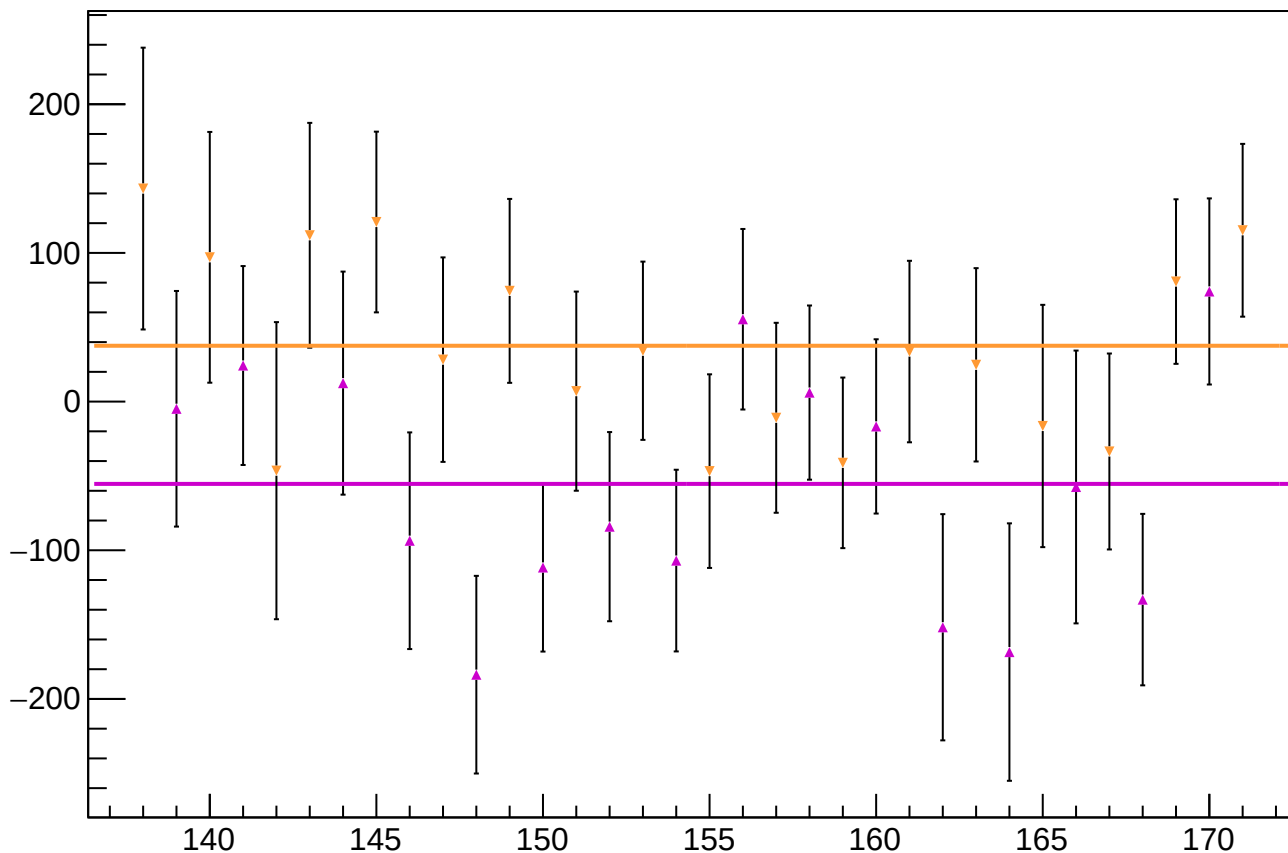
Left In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.440+/-0.019 χ^2/NDF : 2349655.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 37.555 $\pm$ 15.684 χ^2 /NDF:14.1/17

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

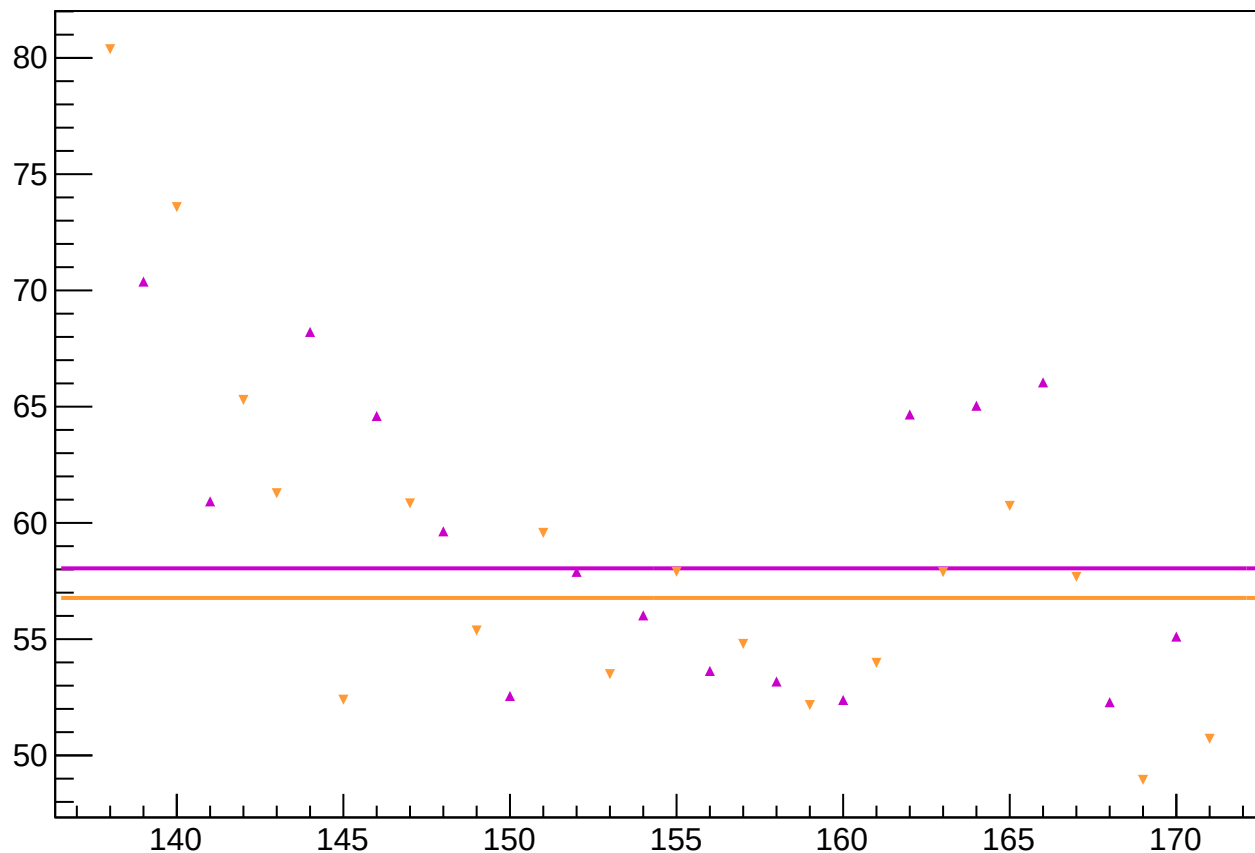
Left In: -55.362 $\pm$ 16.581 χ^2 /NDF:22.8/15

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

All: -6.322 $\pm$ 11.394 χ^2 /NDF: 53.4/33

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 56.773+/-0.011 χ^2/NDF :340014.6/17

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

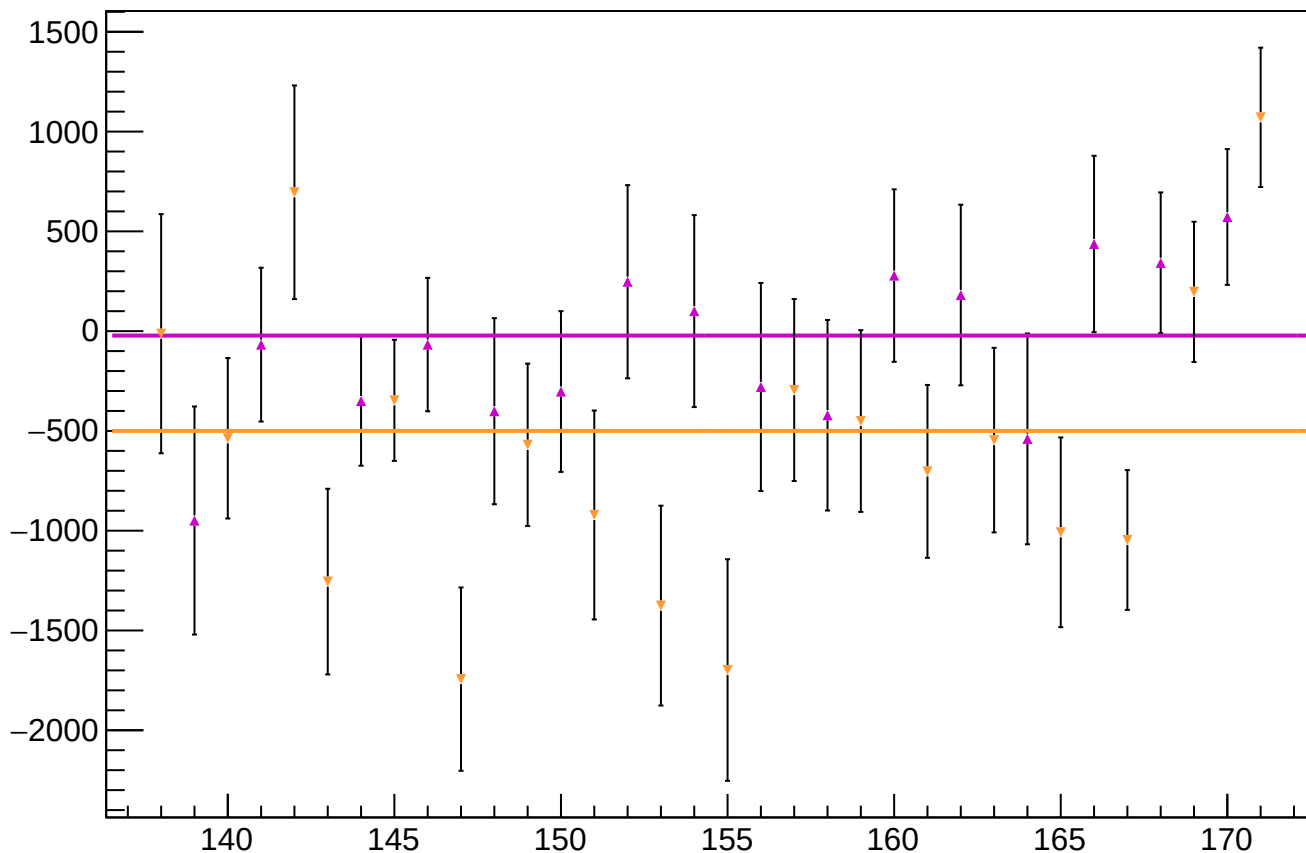
Left In: 58.046+/-0.012 χ^2/NDF :238039.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.374+/-0.008 χ^2/NDF : 584273.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -499.963 $\pm$ 100.954 χ^2 /NDF:52.5/17

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

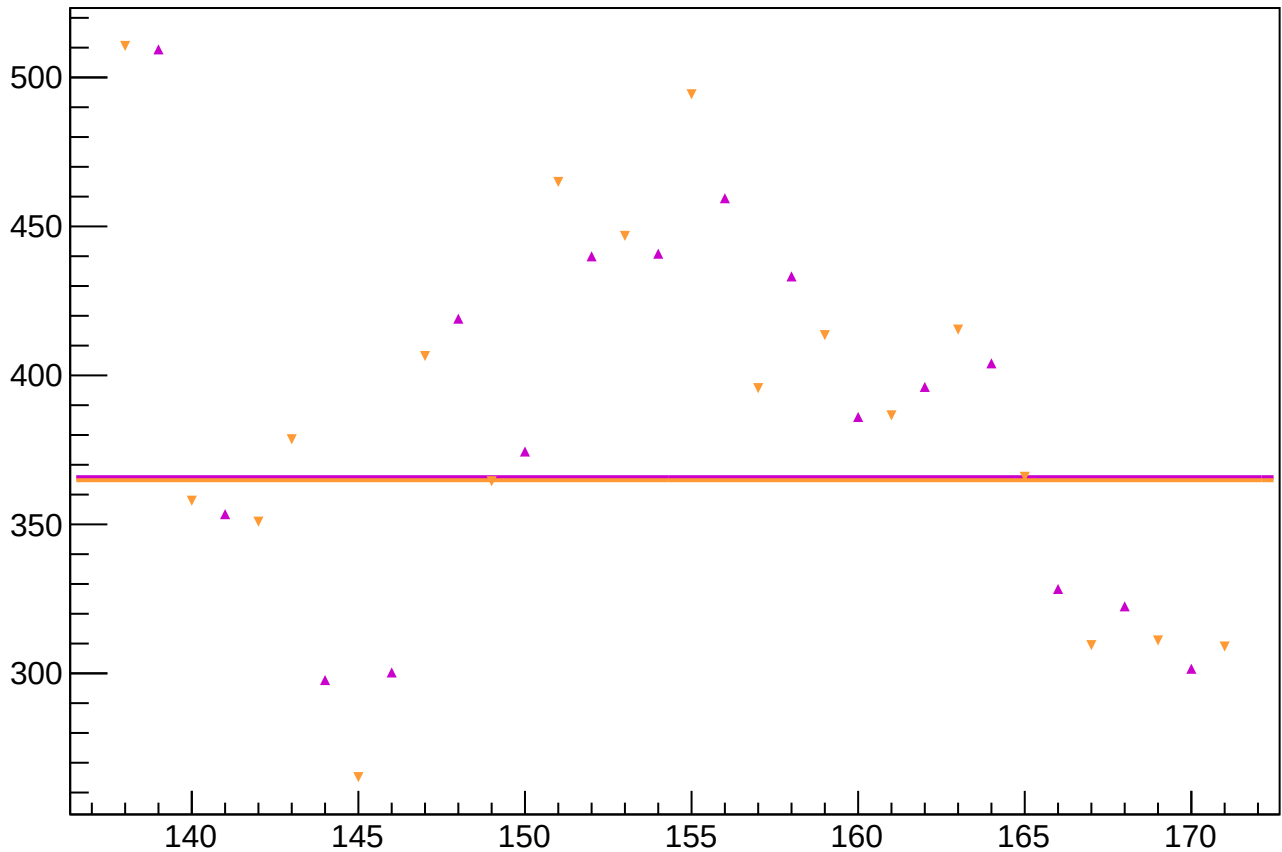
Left In: -22.192 $\pm$ 104.668 χ^2 /NDF:13.0/15

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

All: -269.704 $\pm$ 72.663 χ^2 /NDF: 76.3/33

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

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 364.821+/-0.071 χ^2/NDF : 798809.5/17

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

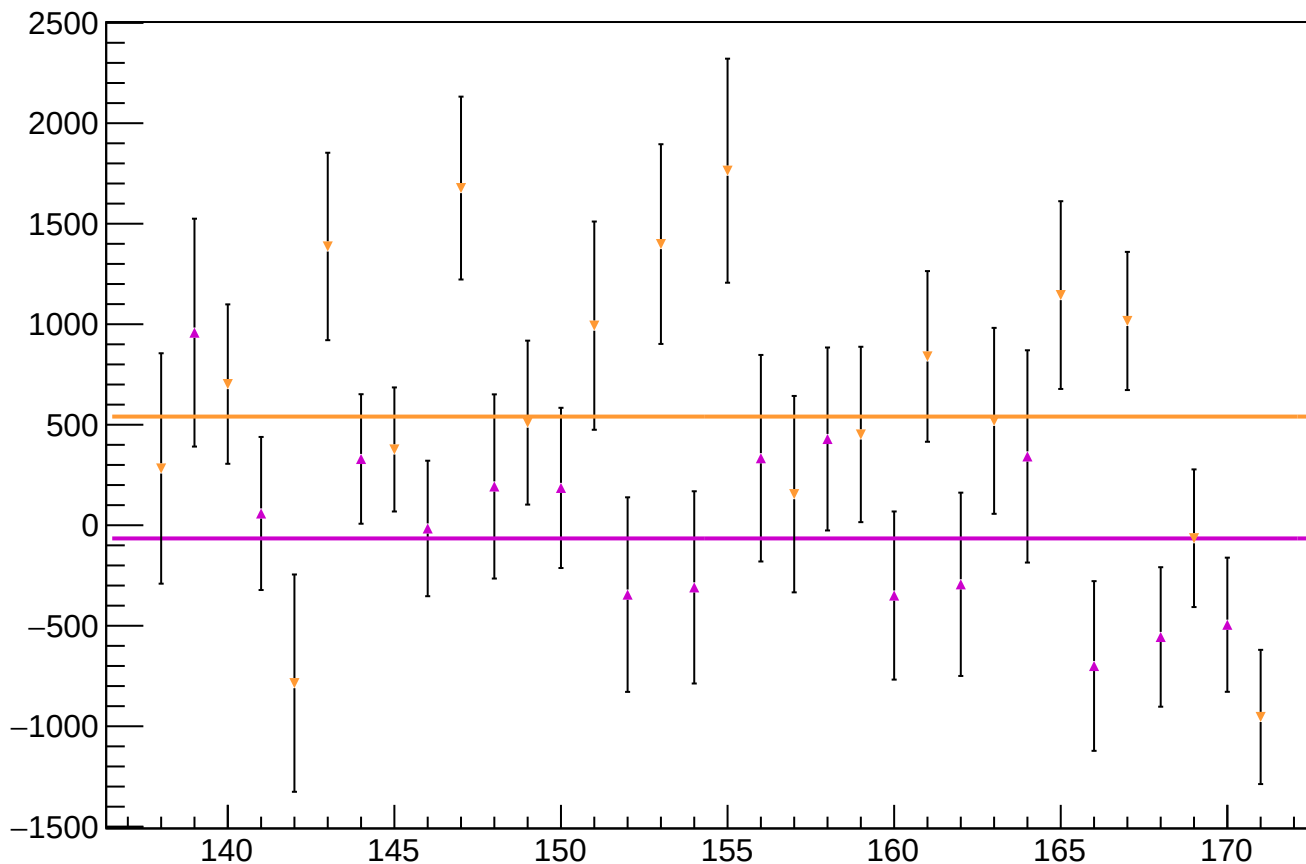
Left In: 365.831+/-0.074 χ^2/NDF : 660007.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.308+/-0.051 χ^2/NDF : 1458913.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



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

Left Out: 540.572 $\pm$ 100.000 χ^2 /NDF:52.7/17

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

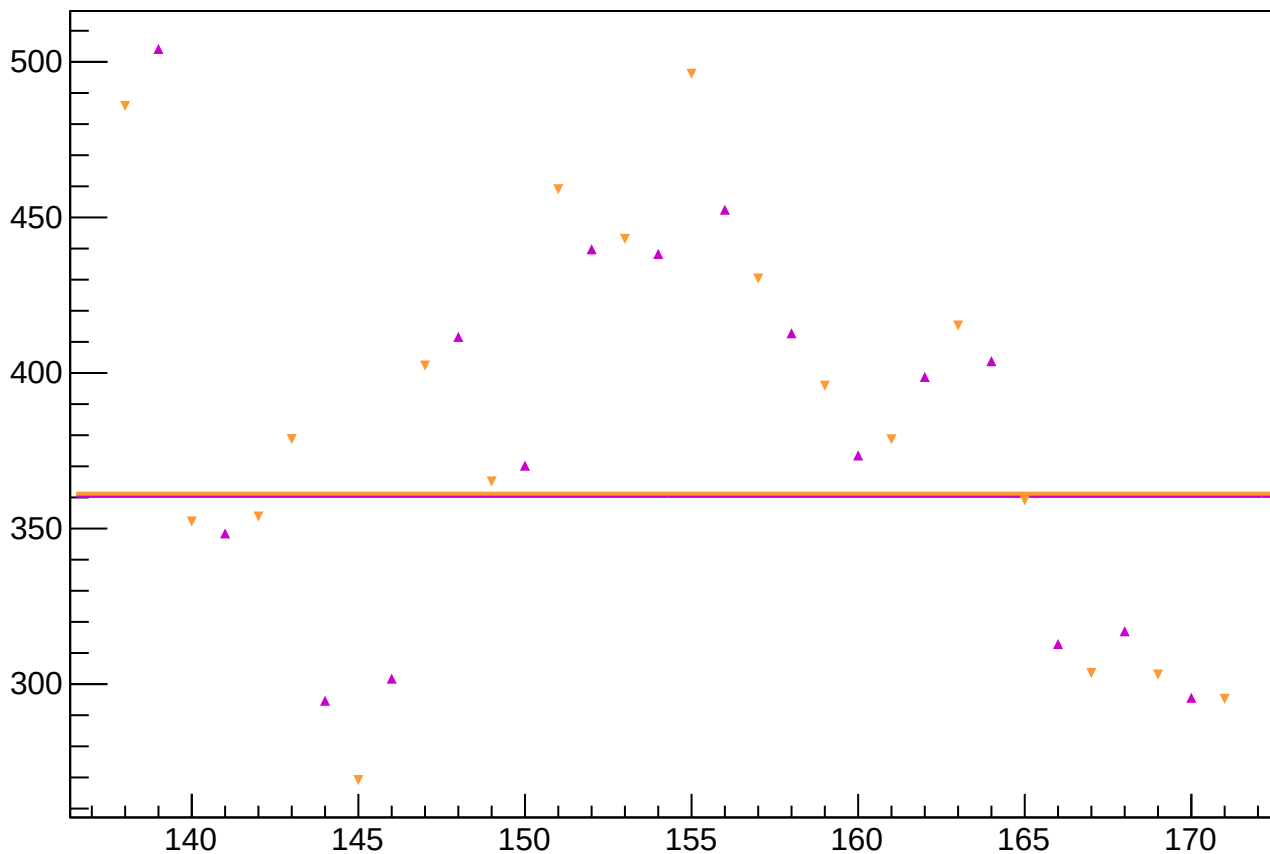
Left In: -65.594 $\pm$ 103.260 χ^2 /NDF:15.2/15

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

All: 247.208 $\pm$ 71.836 χ^2 /NDF: 85.7/33

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

asym_sam_1357_avg_rms vs Slug



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

Left Out: 361.221+/-0.071 χ^2/NDF : 811847.3/17

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

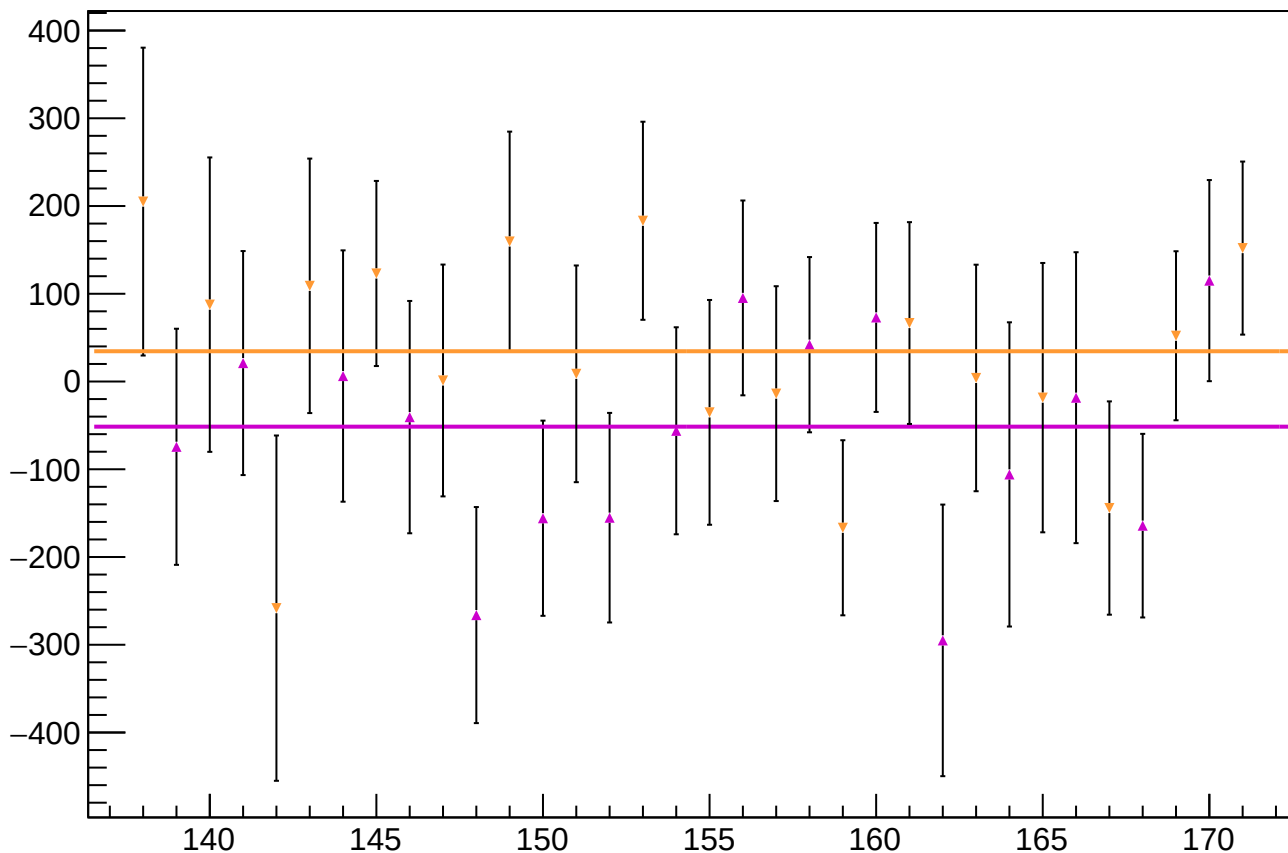
Left In: 360.494+/-0.073 χ^2/NDF : 659919.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.869+/-0.051 χ^2/NDF : 1471817.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 34.502 $\pm$ 29.099 χ^2 /NDF:15.5/17

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

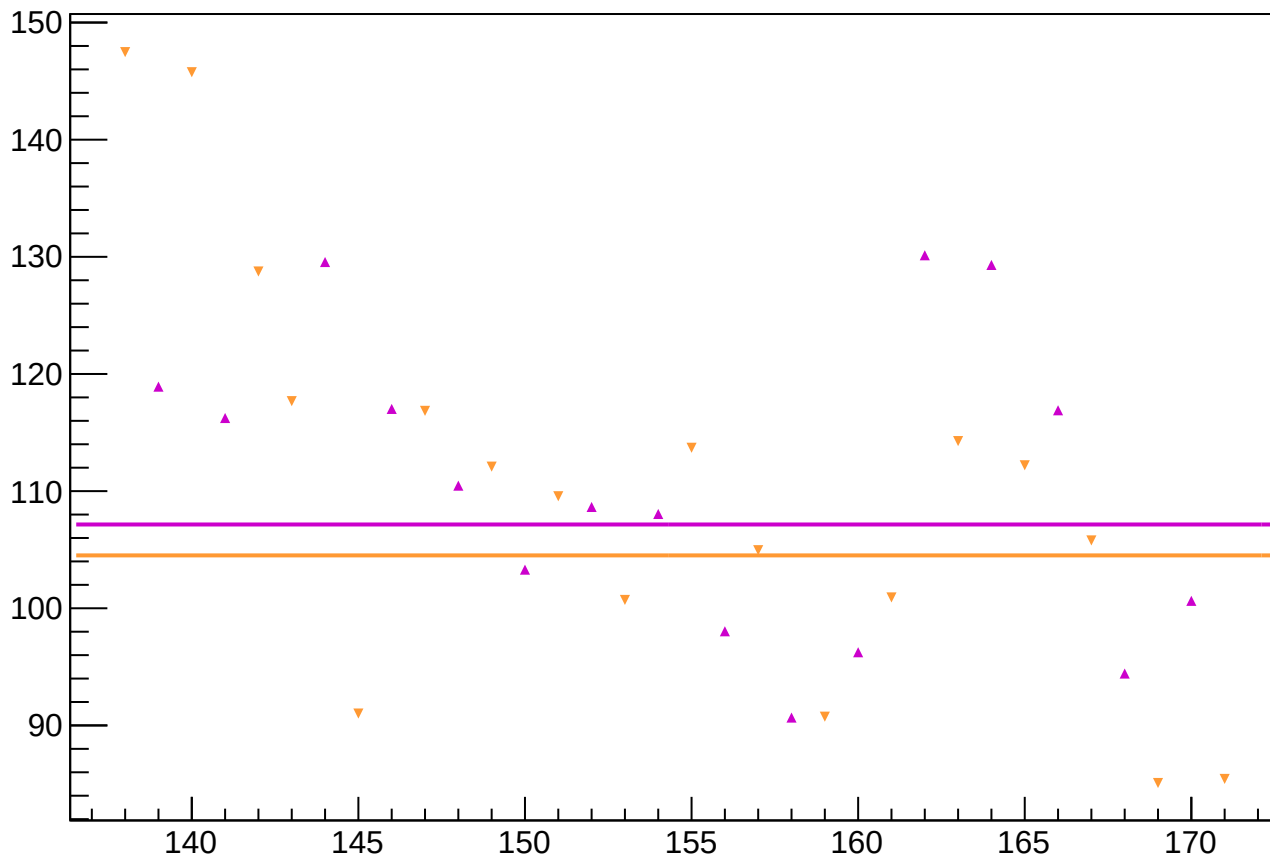
Left In: -51.452 $\pm$ 30.748 χ^2 /NDF:15.0/15

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

All: -6.110 $\pm$ 21.135 χ^2 /NDF: 34.6/33

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

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 104.514+/-0.021 χ^2/NDF : 574065.5/17

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

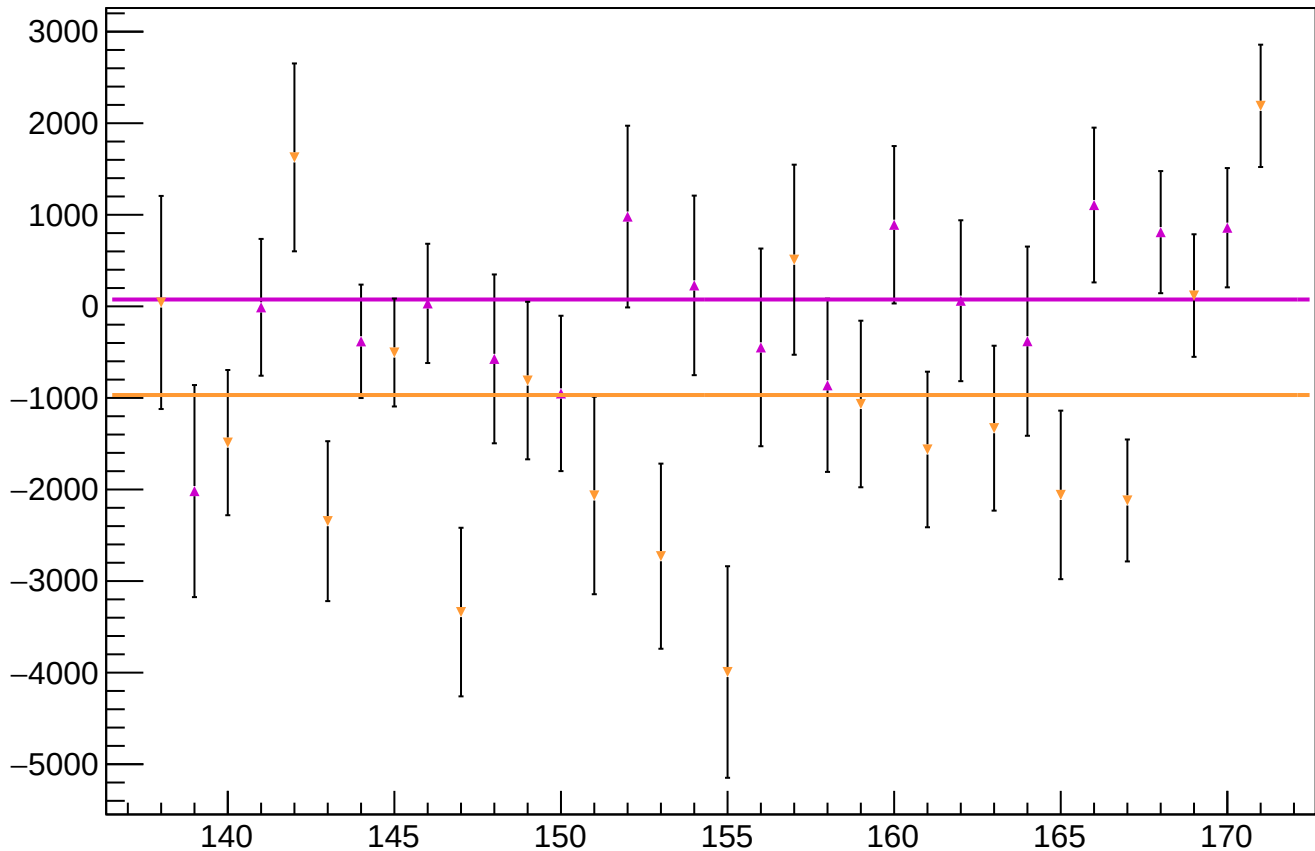
Left In: 107.153+/-0.022 χ^2/NDF : 297982.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.761+/-0.015 χ^2/NDF : 879816.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -968.265 $\pm$ 198.990 χ^2 /NDF:60.3/17

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

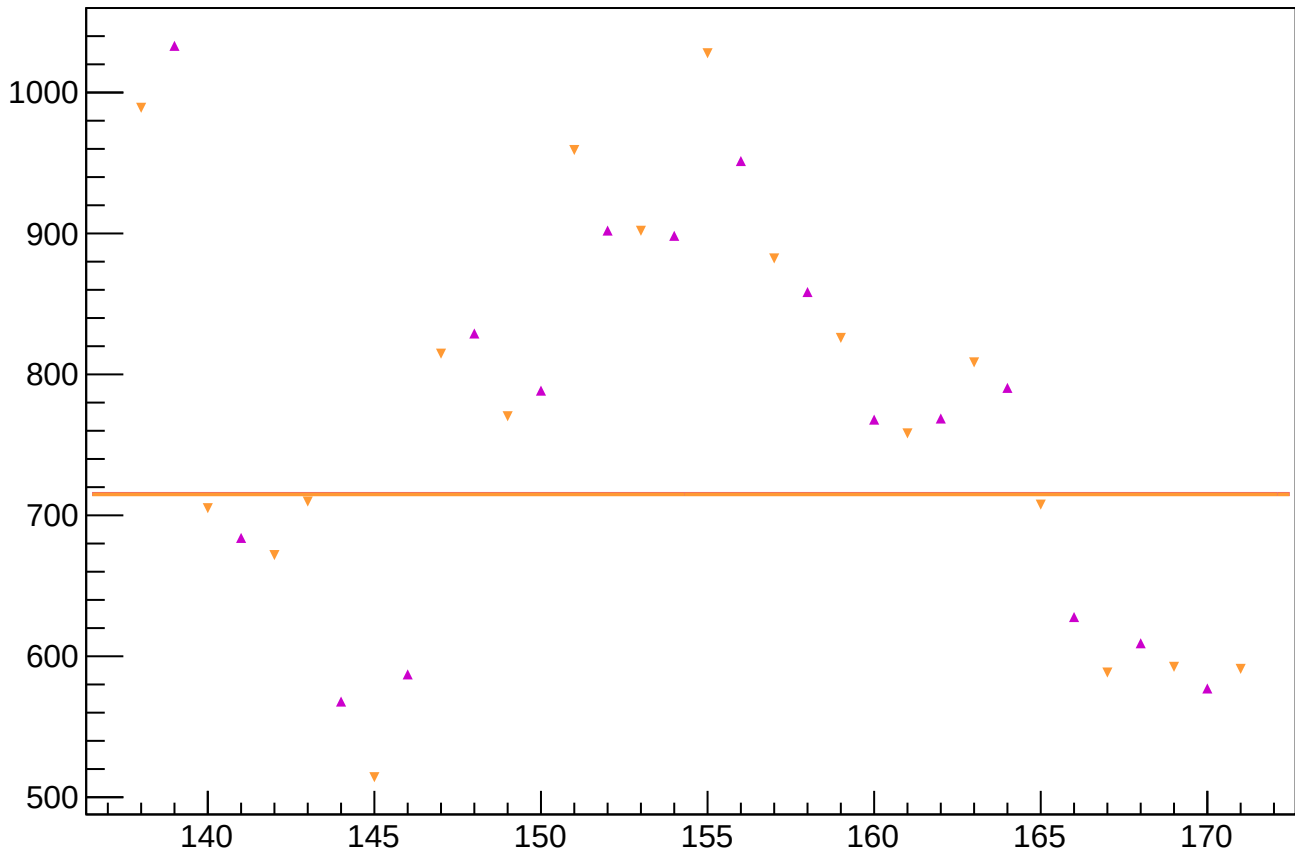
Left In: 74.892 $\pm$ 205.444 χ^2 /NDF:13.1/15

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

All: -463.331 $\pm$ 142.934 χ^2 /NDF: 86.8/33

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

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 714.975+/-0.141 χ^2/NDF :1013030.4/17

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

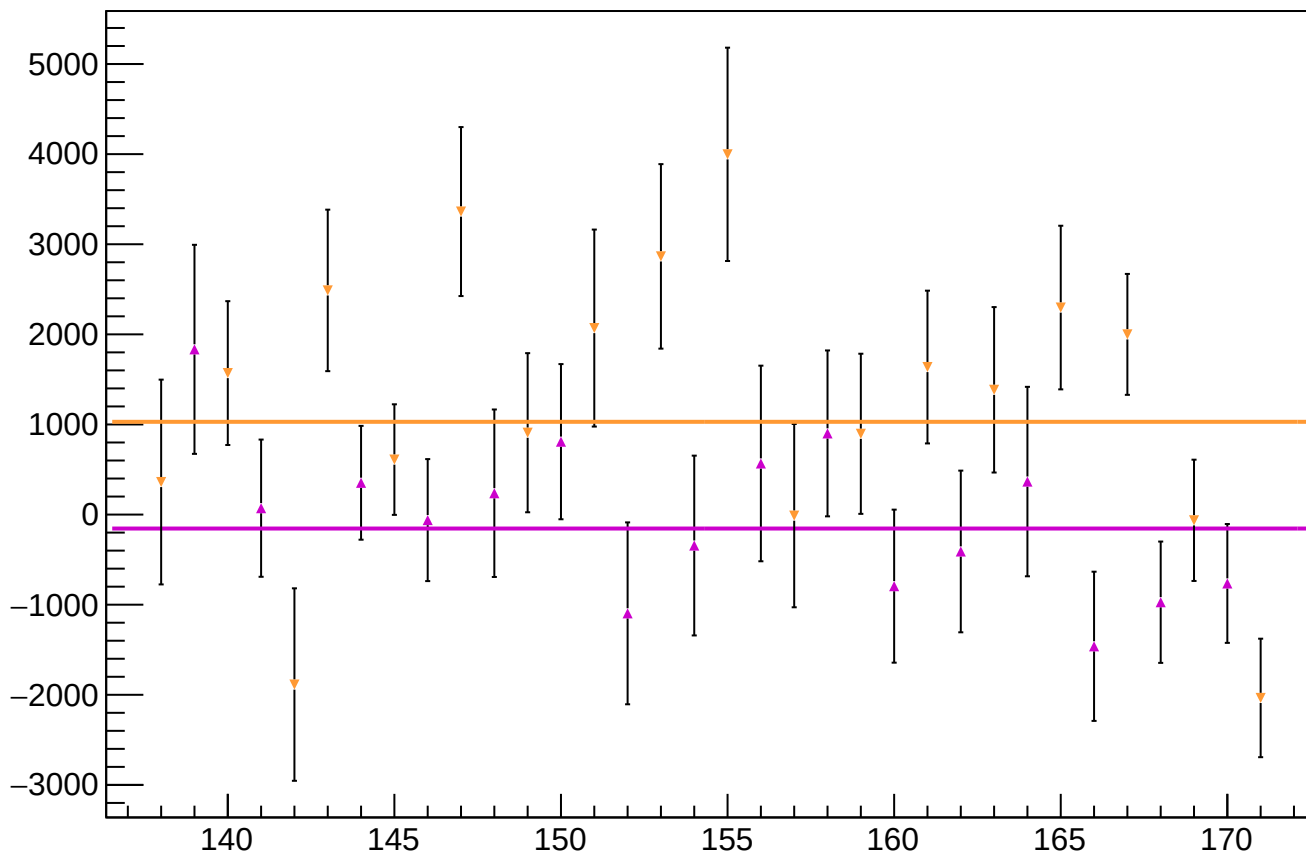
Left In: 715.166+/-0.145 χ^2/NDF :859675.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.067+/-0.101 χ^2/NDF : 1872706.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1029.464 $\pm$ 200.743 χ^2 /NDF: 58.1/17

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

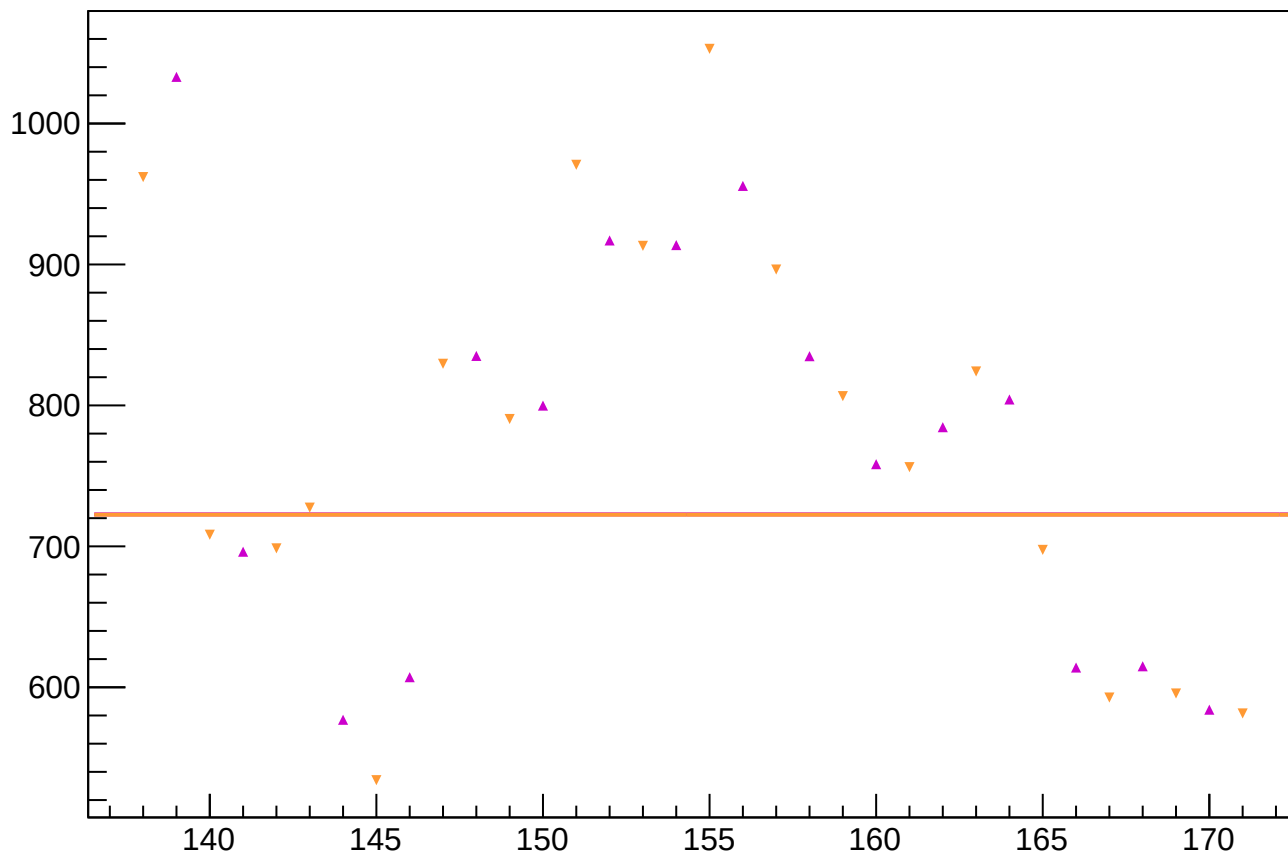
Left In: -154.887 $\pm$ 207.707 χ^2 /NDF: 13.5/15

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

All: 457.475 $\pm$ 144.346 χ^2 /NDF: 88.4/33

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

asym_sam_2468_avg_rms vs Slug



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

Left Out: 722.470+/-0.142 χ^2/NDF : 988894.1/17

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

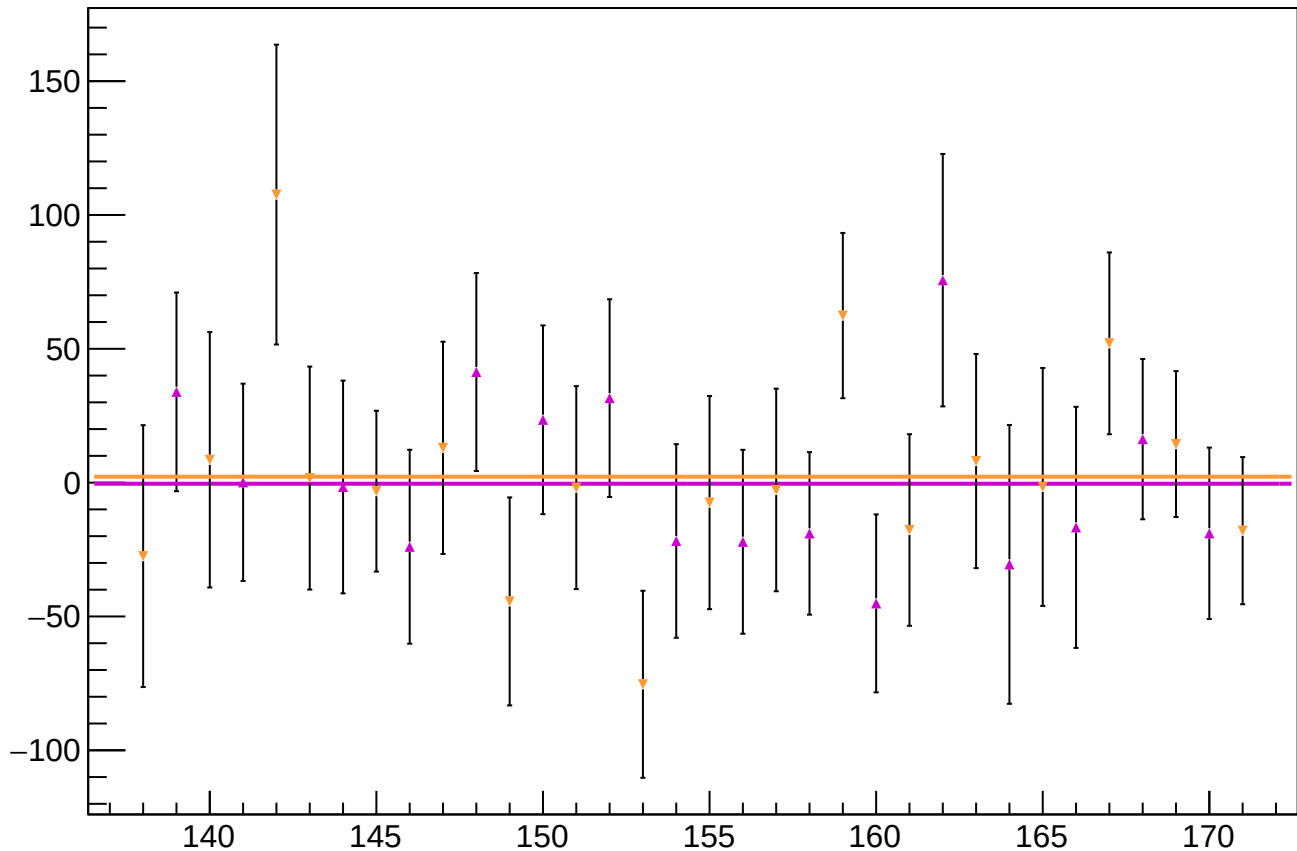
Left In: 722.690+/-0.147 χ^2/NDF : 824237.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.576+/-0.102 χ^2/NDF : 1813132.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: 2.217 $\pm$ 8.607 χ^2 /NDF:17.5/17

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

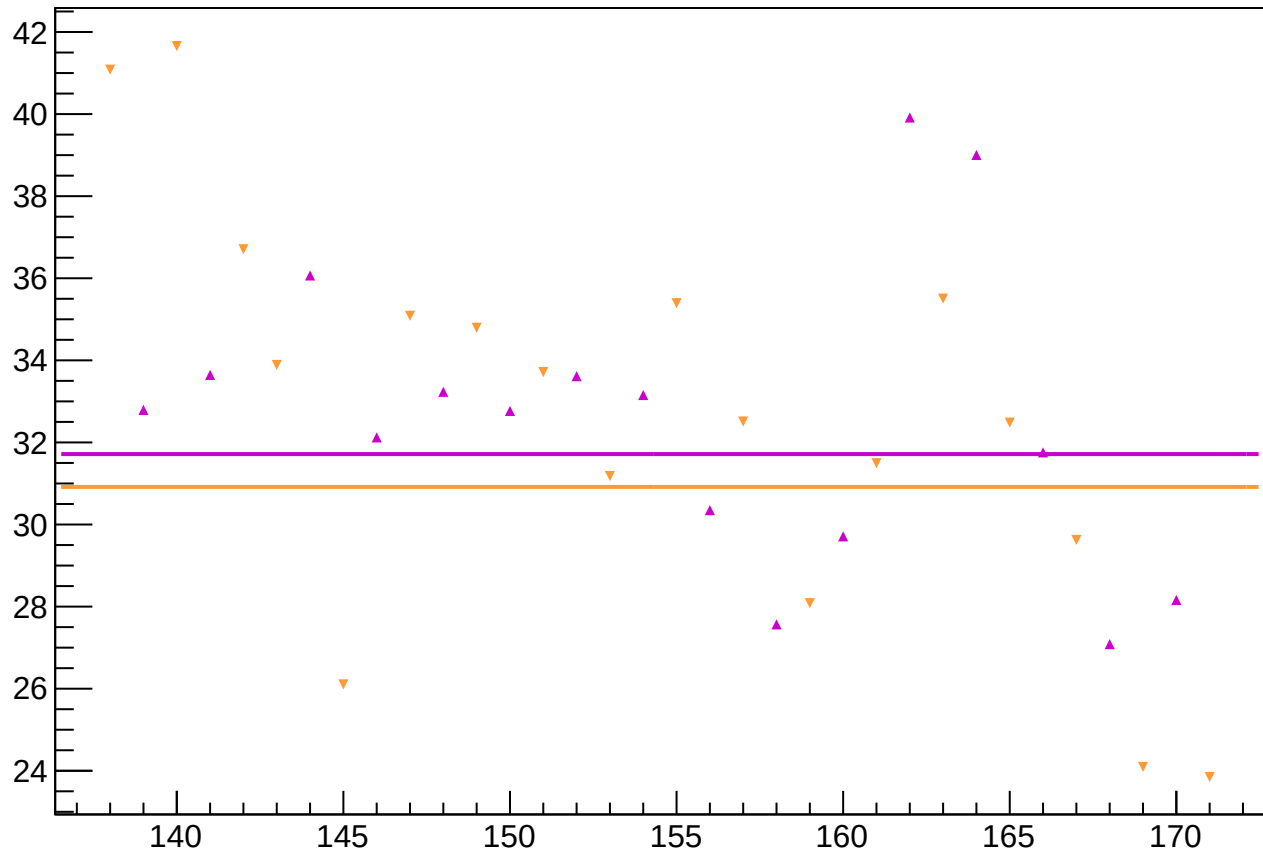
Left In: -0.410 $\pm$ 9.081 χ^2 /NDF:10.4/15

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

All: 0.974 $\pm$ 6.247 χ^2 /NDF: 28.0/33

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

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 30.916+/-0.006 χ^2/NDF : 658938.9/17

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

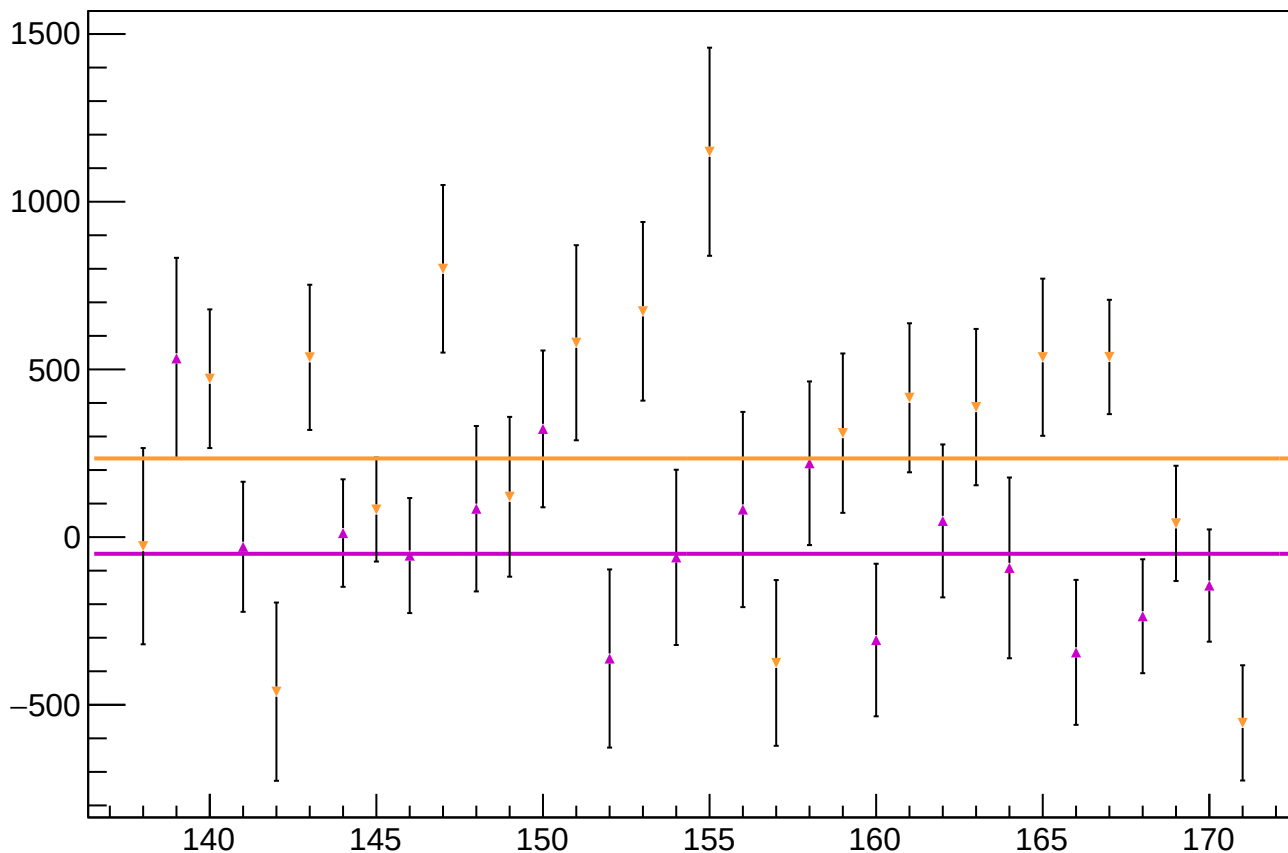
Left In: 31.716+/-0.006 χ^2/NDF : 264836.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.295+/-0.004 χ^2/NDF : 931956.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 234.598+/-51.617 χ^2/NDF : 64.5/17

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

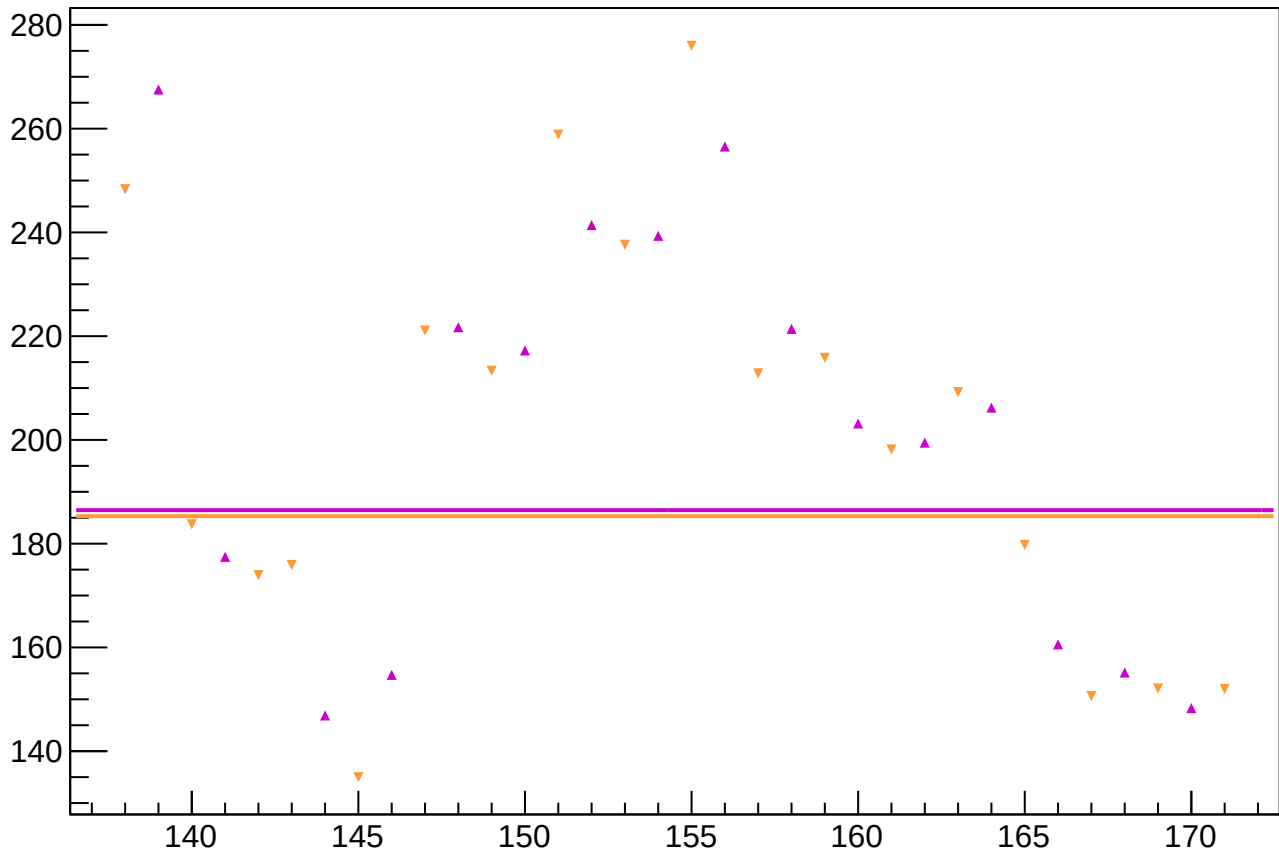
Left In: -49.704+/-53.689 χ^2/NDF : 14.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.037+/-37.210 χ^2/NDF : 93.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 185.303+/-0.036 χ^2/NDF :1075246.4/17

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

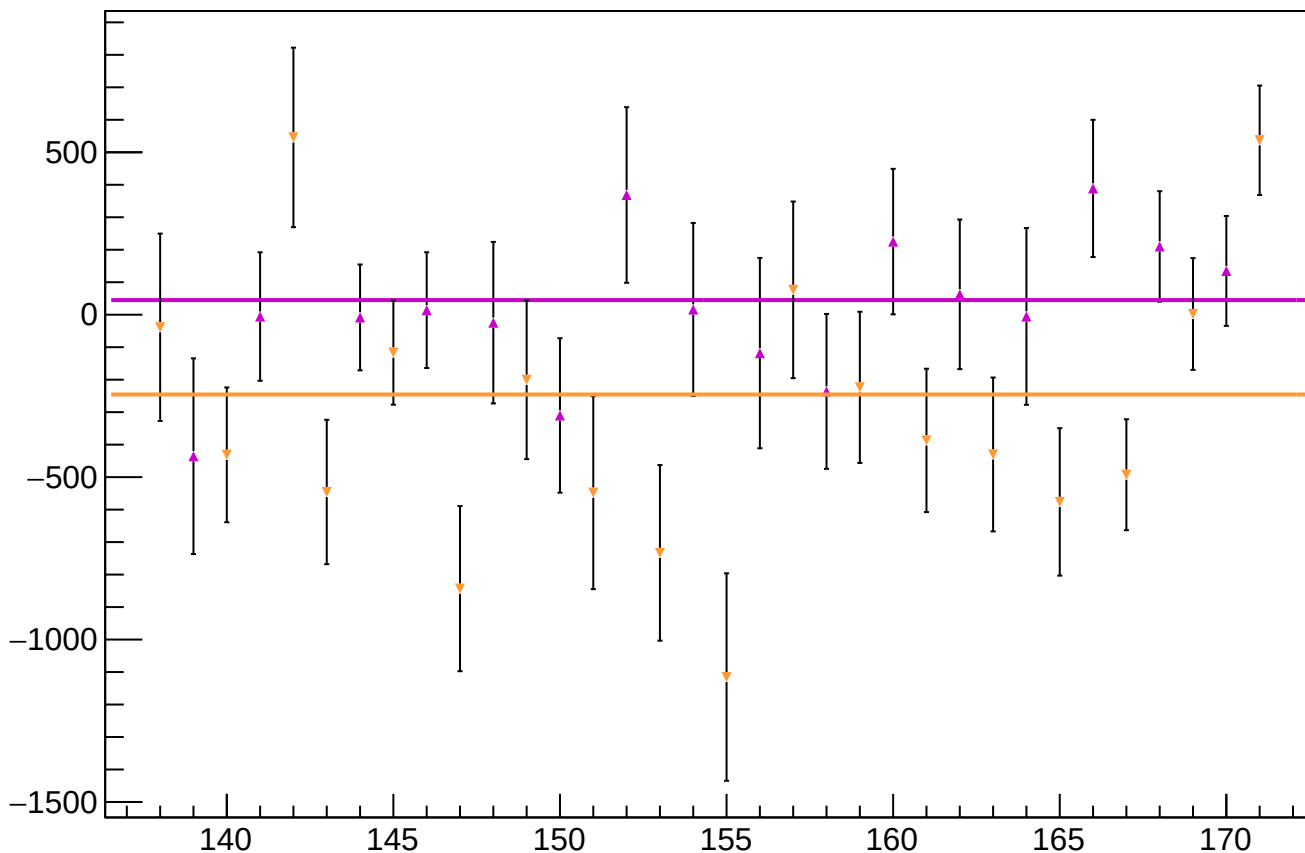
Left In: 186.463+/-0.038 χ^2/NDF :969747.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.860+/-0.026 χ^2/NDF : 2045479.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -245.551+/-52.155 χ^2/NDF : 59.6/17

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

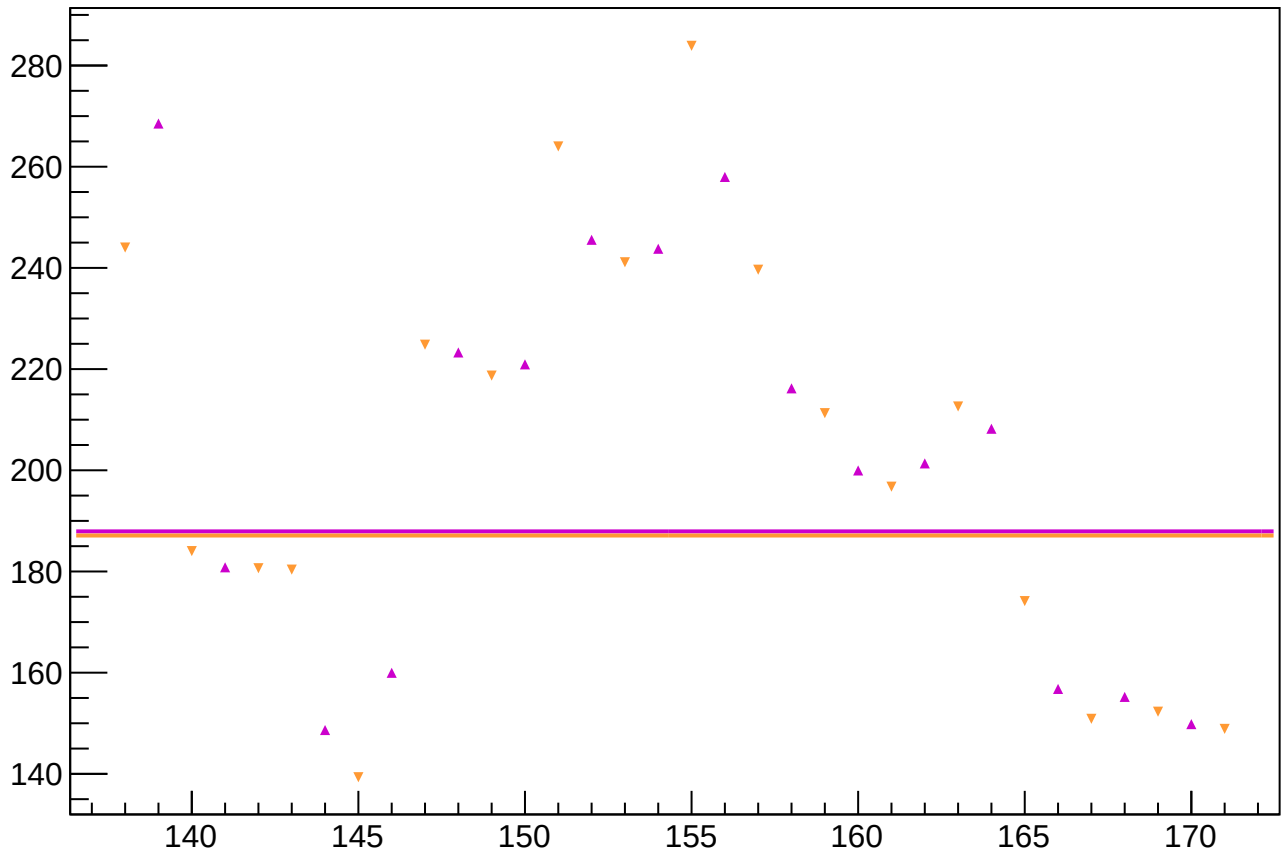
Left In: 45.022+/-54.157 χ^2/NDF : 12.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.735+/-37.567 χ^2/NDF : 87.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 187.108+/-0.037 χ^2/NDF :1138537.9/17

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

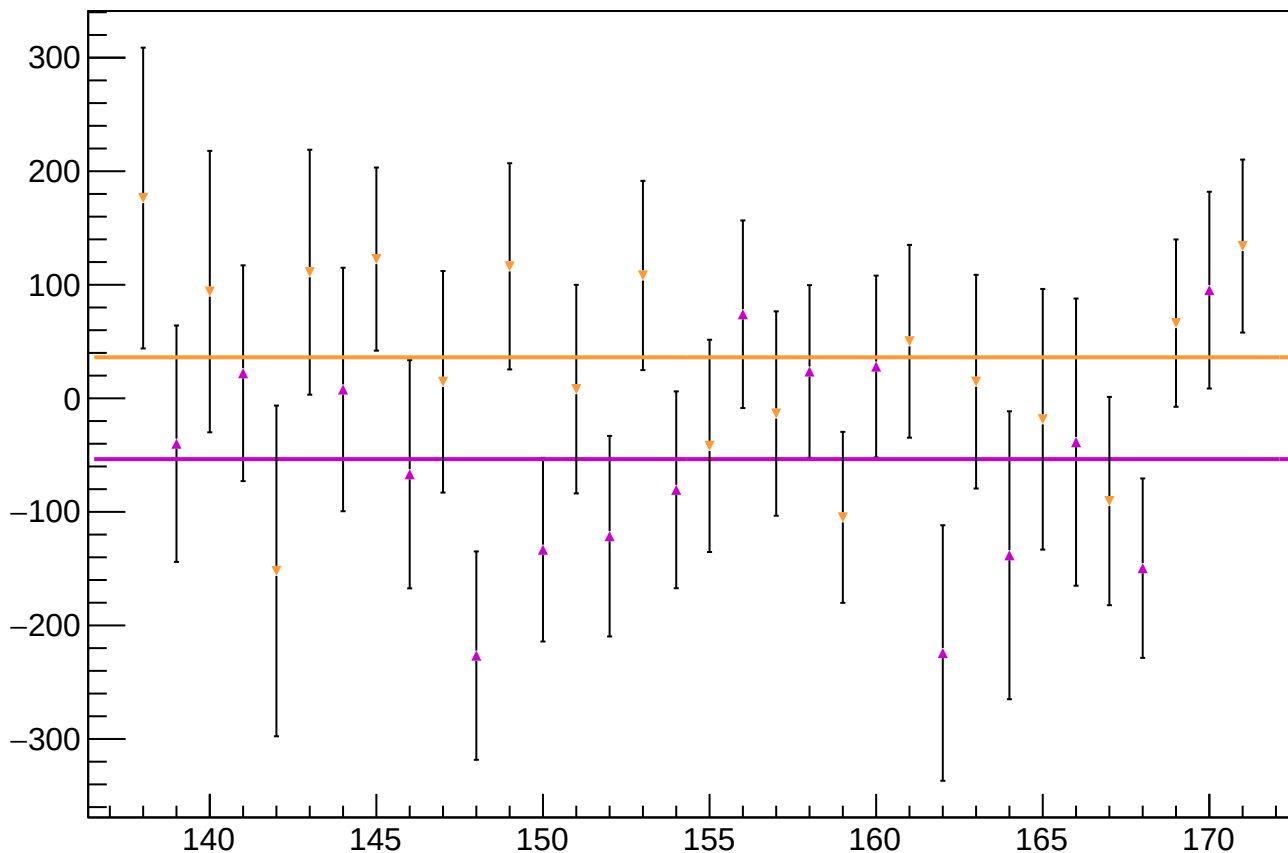
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.501+/-0.027 χ^2/NDF : 2093026.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 187.925+/-0.038 χ^2/NDF :954252.1/15

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 36.136+/-21.743 χ^2/NDF :14.8/17

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

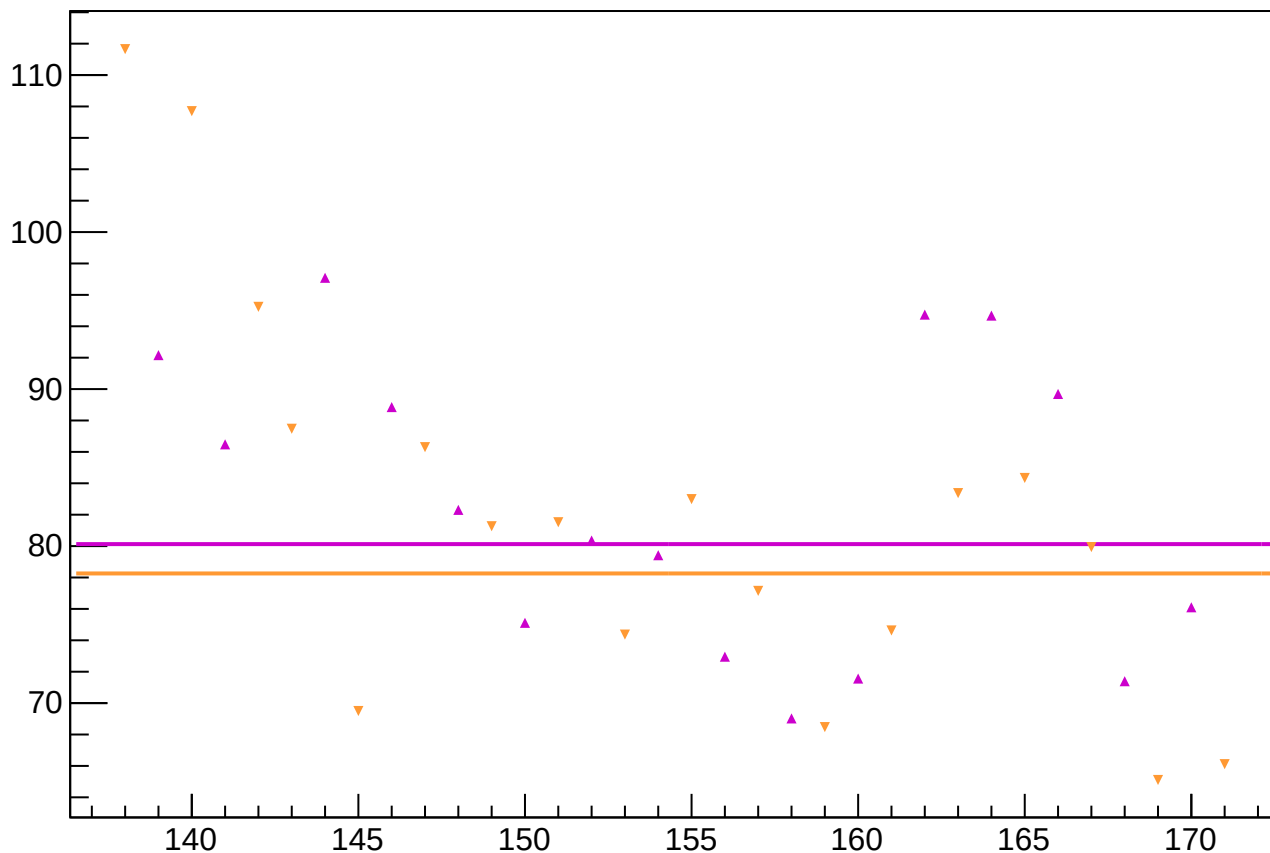
Left In: -53.532+/-22.975 χ^2/NDF :17.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.231+/-15.792 χ^2/NDF : 40.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 78.258+/-0.015 χ^2 /NDF:497774.7/17

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

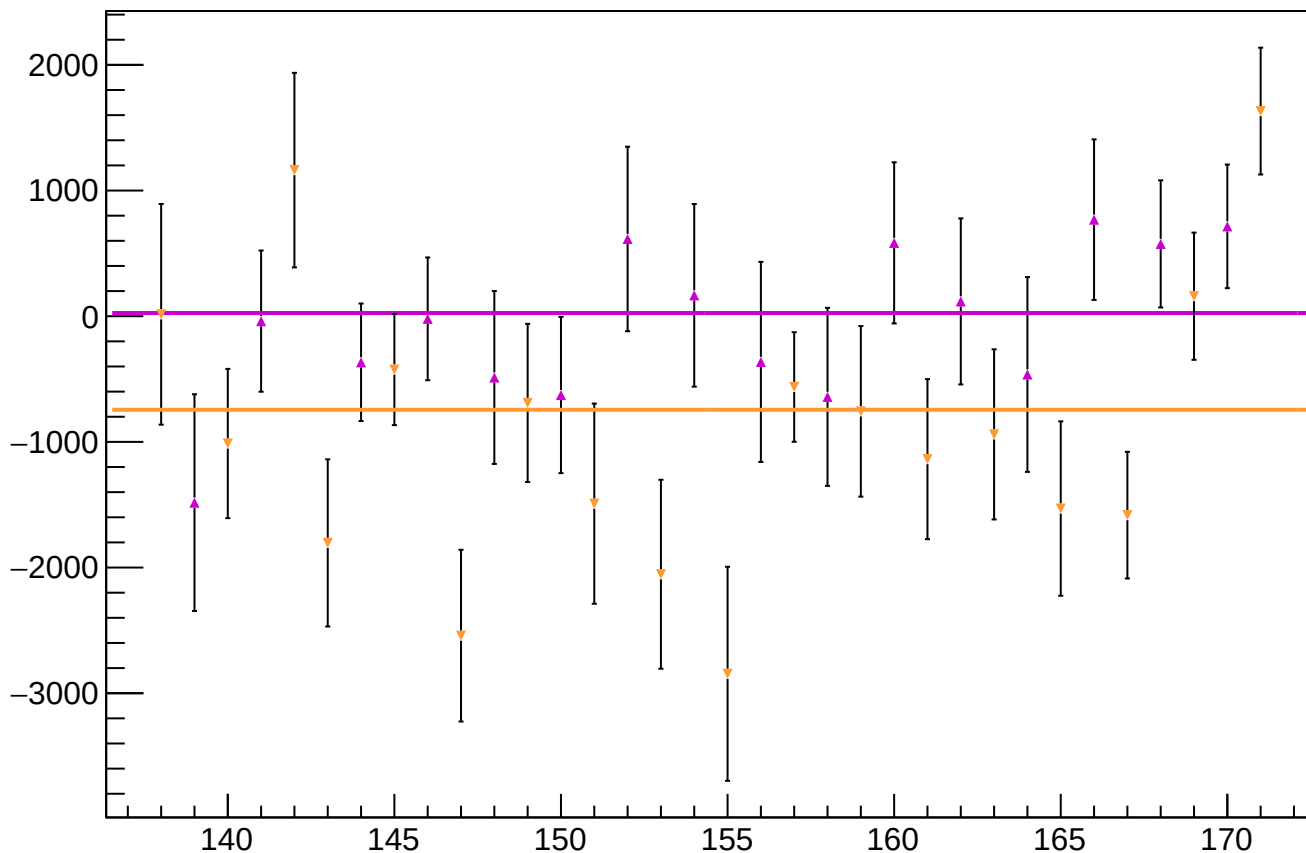
Left In: 80.126+/-0.016 χ^2 /NDF:290619.9/15

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 79.141+/-0.011 χ^2 /NDF: 795374.0/33

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -744.311 $\pm$ 143.605 χ^2 /NDF:57.1/17

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

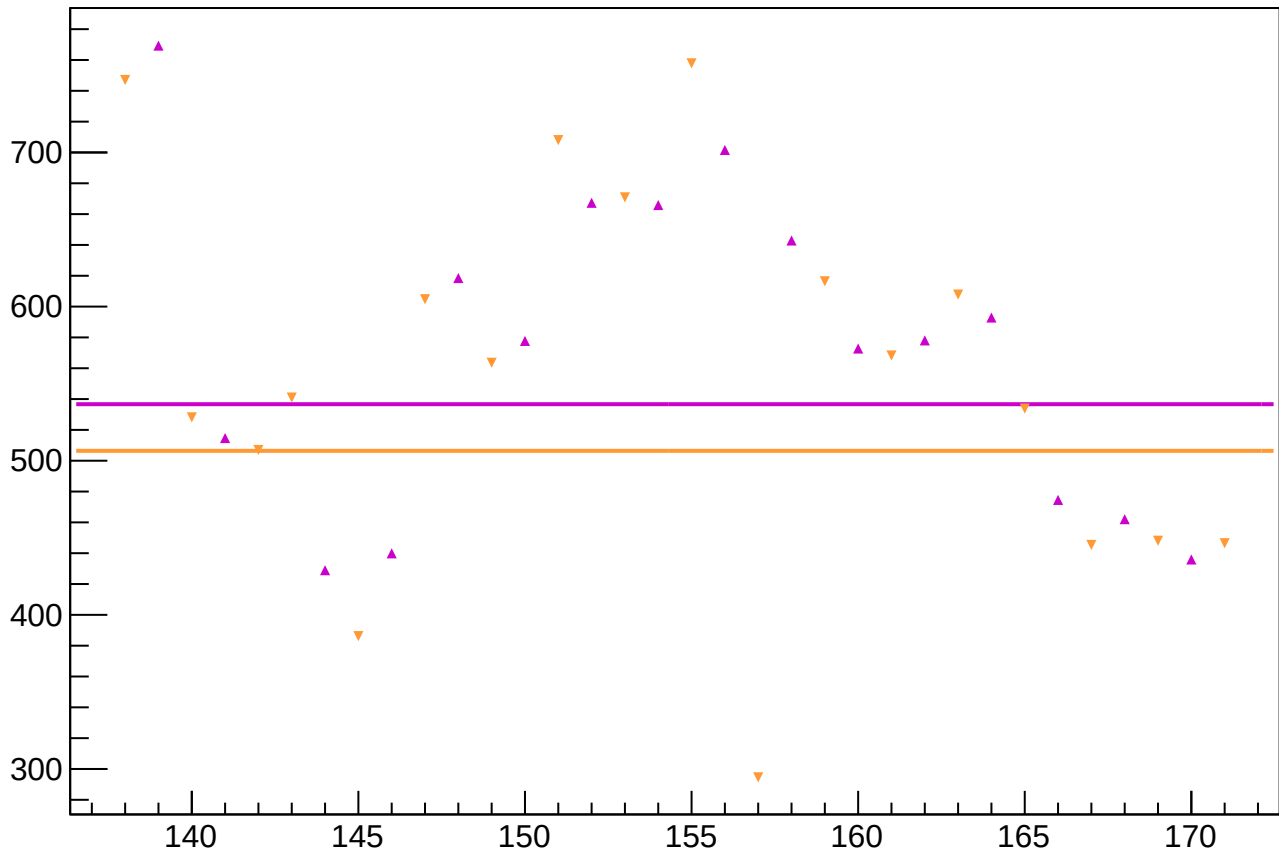
Left In: 25.463 $\pm$ 153.974 χ^2 /NDF:12.9/15

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

All: -386.215 $\pm$ 105.019 χ^2 /NDF: 83.4/33

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

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 506.415+/-0.102 χ^2/NDF :1437868.6/17

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

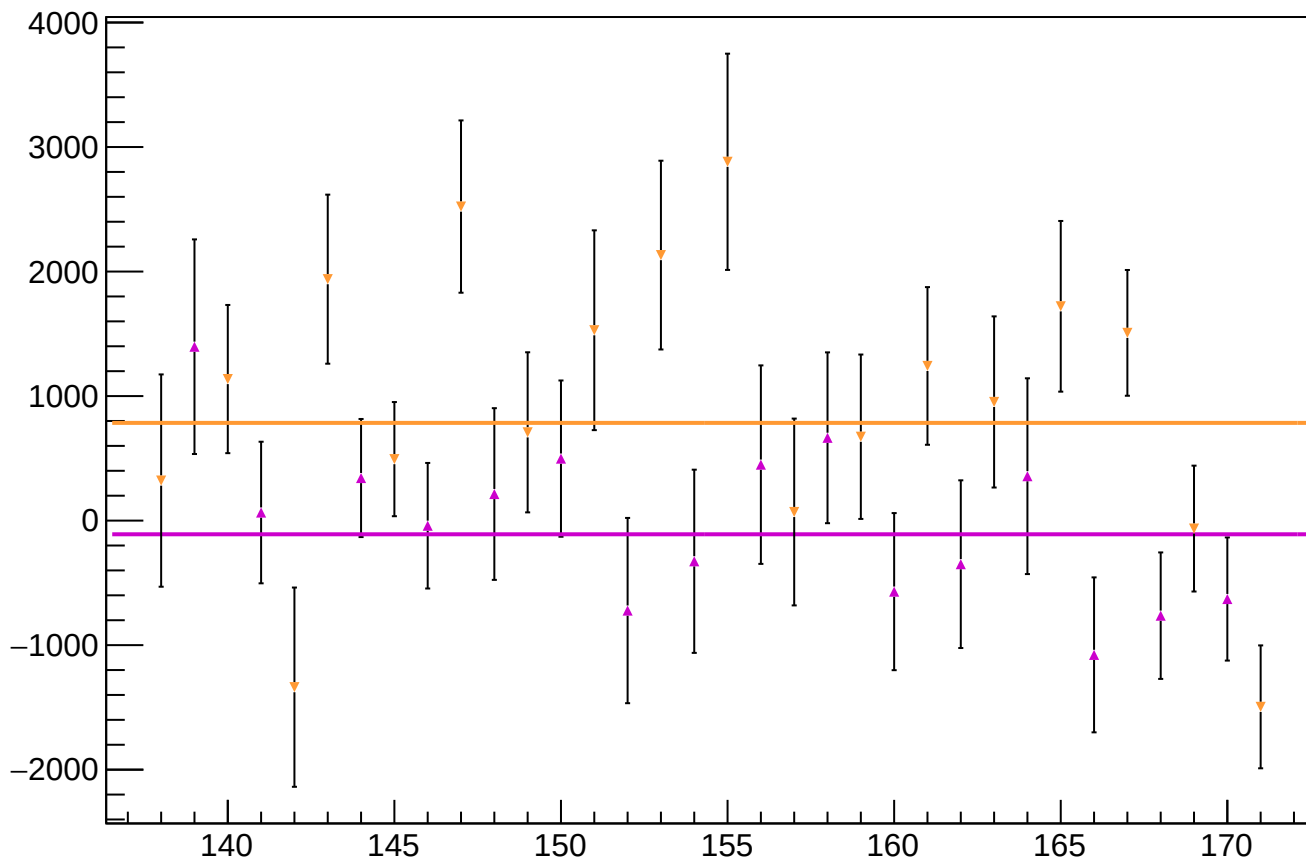
Left In: 536.668+/-0.109 χ^2/NDF :798681.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.489+/-0.074 χ^2/NDF : 2277843.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



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

Left Out: 784.759+/-149.772 χ^2/NDF : 56.8/17

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

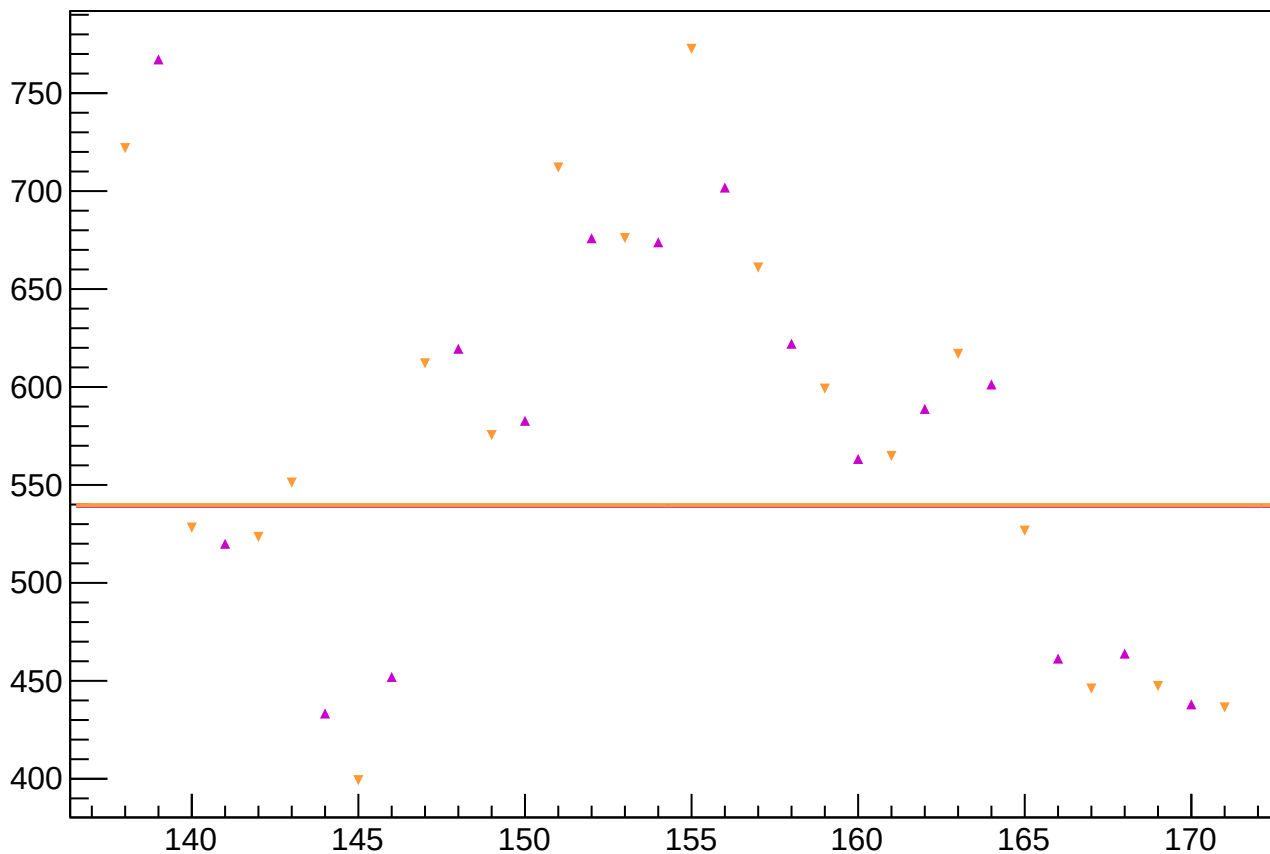
Left In: -109.813+/-154.837 χ^2/NDF : 14.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.344+/-107.651 χ^2/NDF : 88.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



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

Left Out: 539.686+/-0.106 χ^2/NDF : 930934.2/17

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

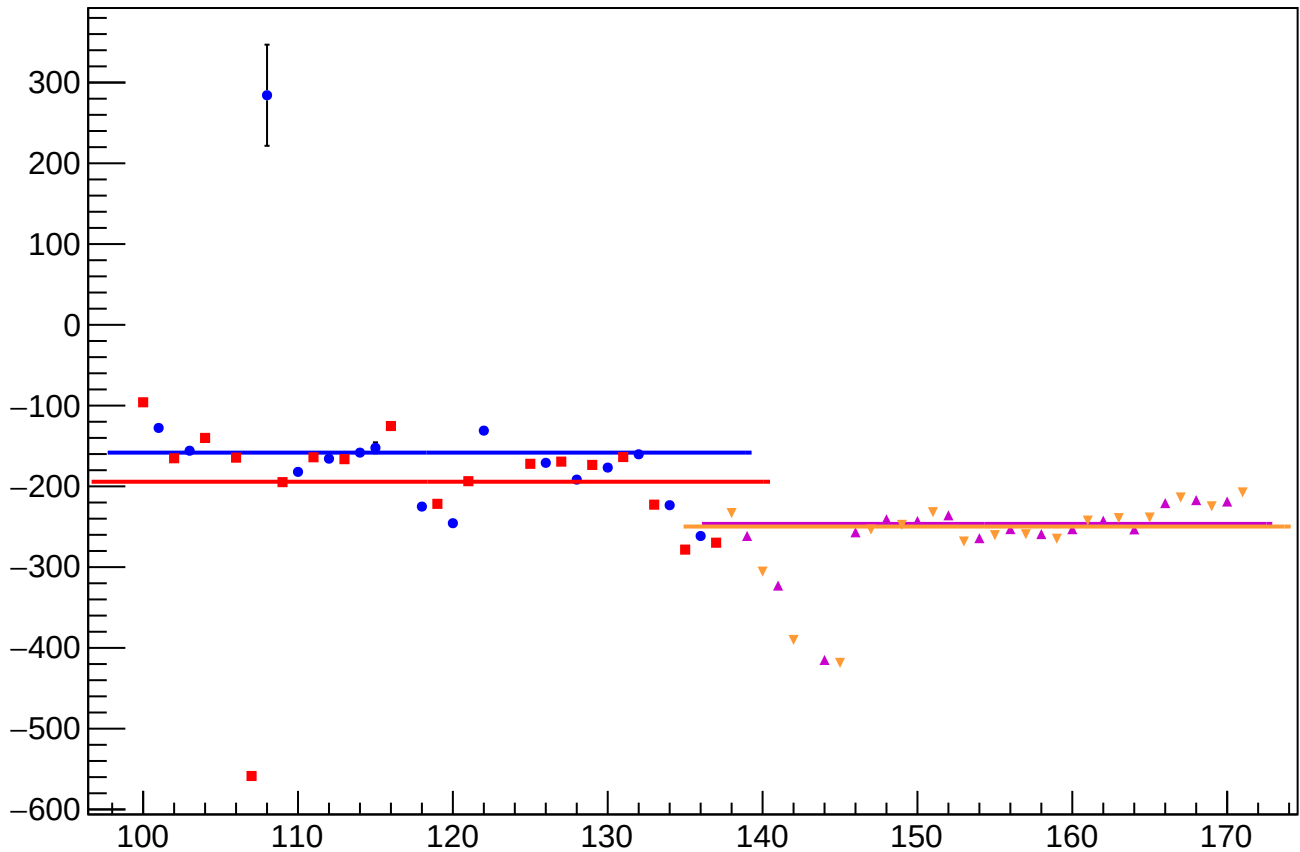
Left In: 539.332+/-0.109 χ^2/NDF : 771010.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

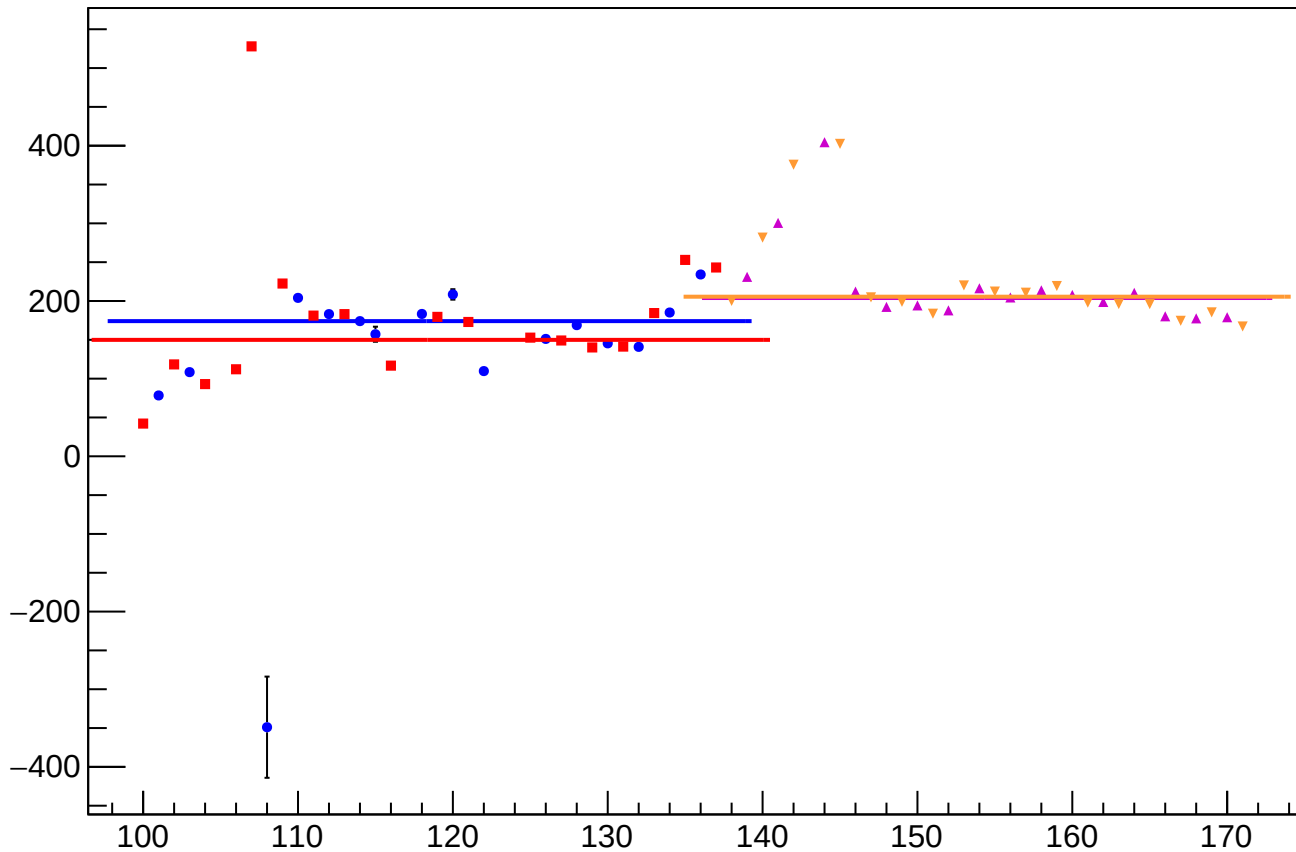
All: 539.515+/-0.076 χ^2/NDF : 1701949.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 205.546 $\pm$ 0.134 χ^2 /NDF: 51242.1/16

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

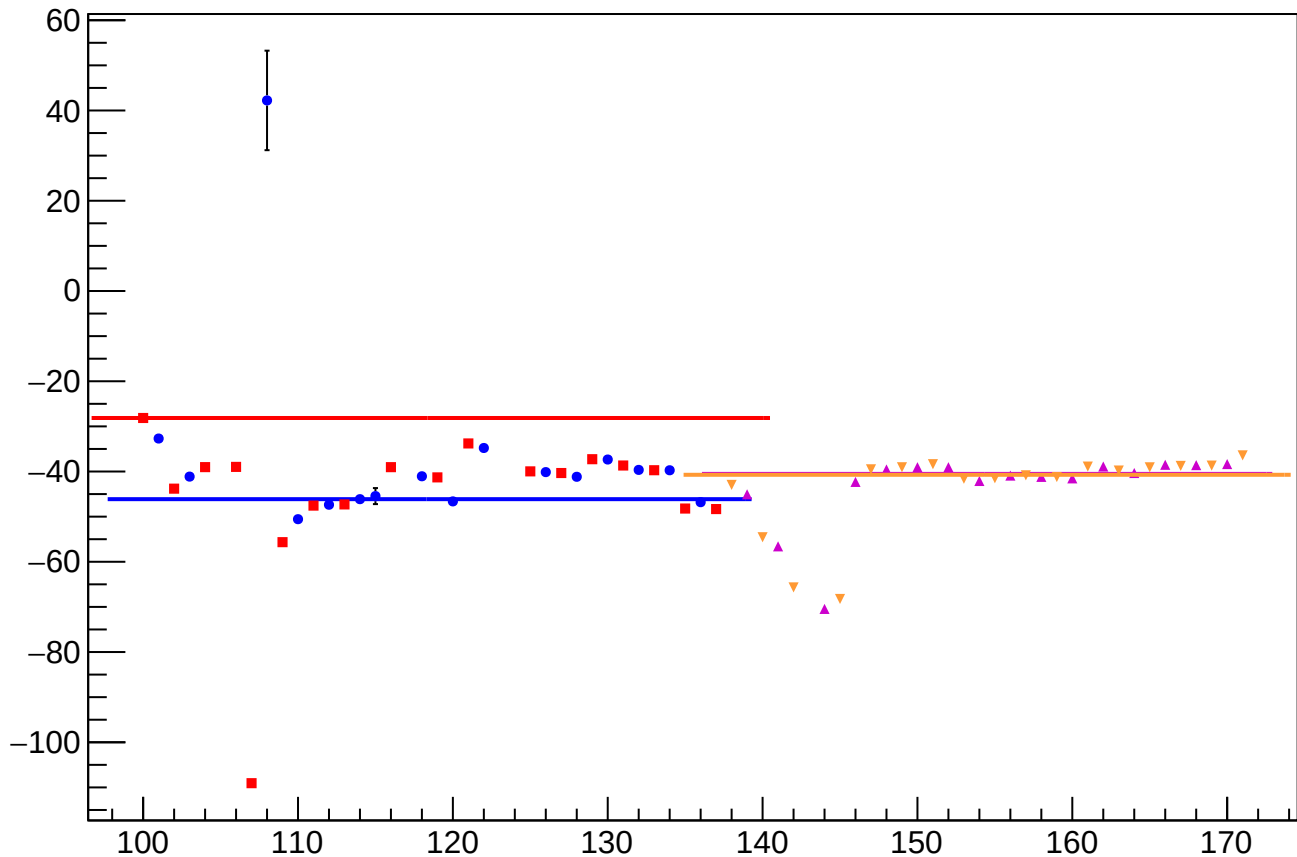
Left In: 203.849 $\pm$ 0.131 χ^2 /NDF: 86510.0/15

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 159375.9/32

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 480621.0/66

- sign 187.158 $\pm$ 0.109 χ^2 /NDF: 306810.8/33

dit_usl_11X12X_slope vs Slug



Right In: -46.126 $\pm$ 0.000 χ^2 /NDF: 201273.7/15

Left Out: -40.725 $\pm$ 0.007 χ^2 /NDF: 117368.0/16

Right Out: -28.139 $\pm$ 0.000 χ^2 /NDF: 746939.9/17

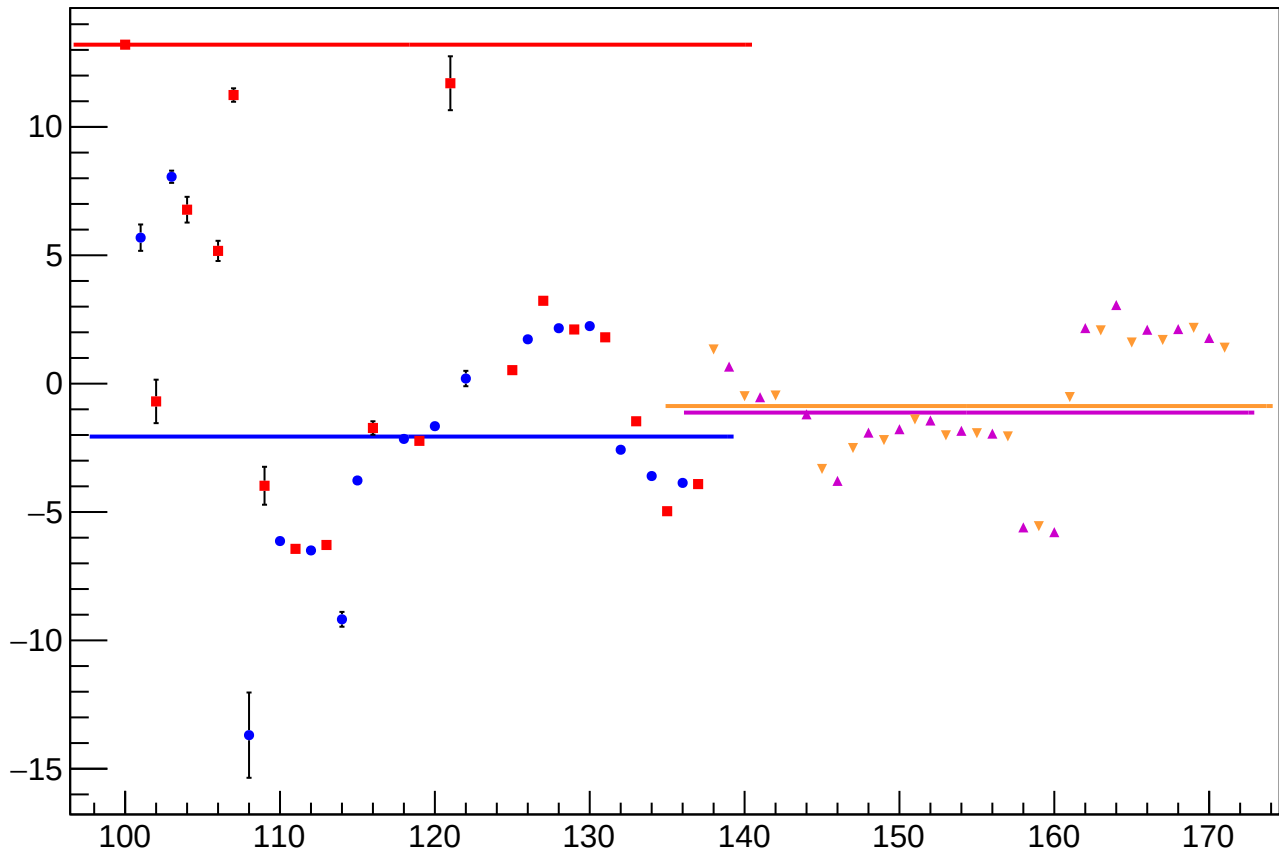
Left In: -40.528 $\pm$ 0.008 χ^2 /NDF: 176561.8/15

+ sign -46.126 $\pm$ 0.000 χ^2 /NDF: 844247.9/32

All: -39.778 $\pm$ 0.000 χ^2 /NDF: 248795993231

- sign -28.139 $\pm$ 0.000 χ^2 /NDF: 3117991.6/33

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: -0.872 ± 0.008 $\chi^2/\text{NDF}: 103736.9/16$

Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 509721.0/17$

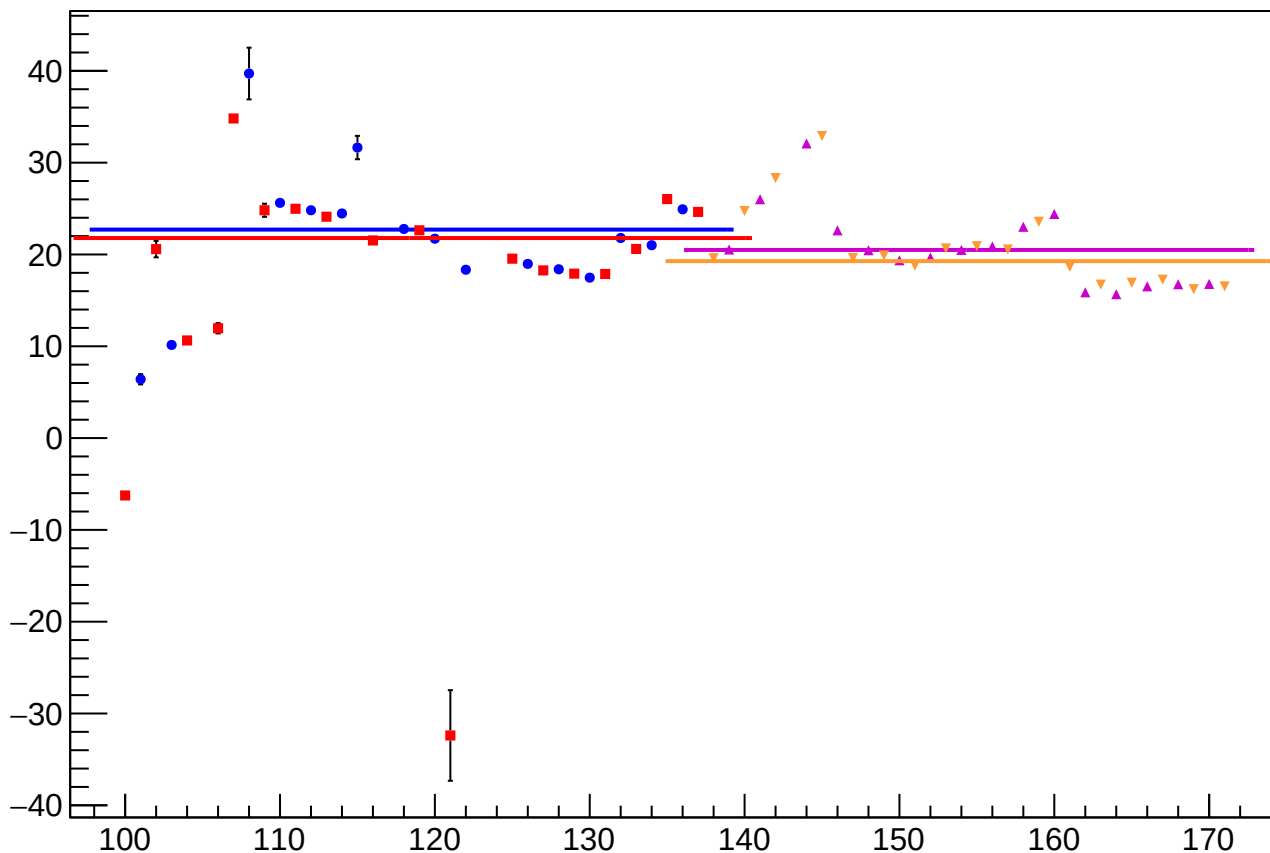
Left In: -1.128 ± 0.006 $\chi^2/\text{NDF}: 142312.1/15$

+ sign -1.055 ± 0.007 $\chi^2/\text{NDF}: 133167.1/32$

All: 13.204 ± 0.000 $\chi^2/\text{NDF}: 9864568.6/66$

- sign 13.204 ± 0.000 $\chi^2/\text{NDF}: 5562814.6/33$

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 19.276 $\pm$ 0.009 χ^2 /NDF: 76658.5/16

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

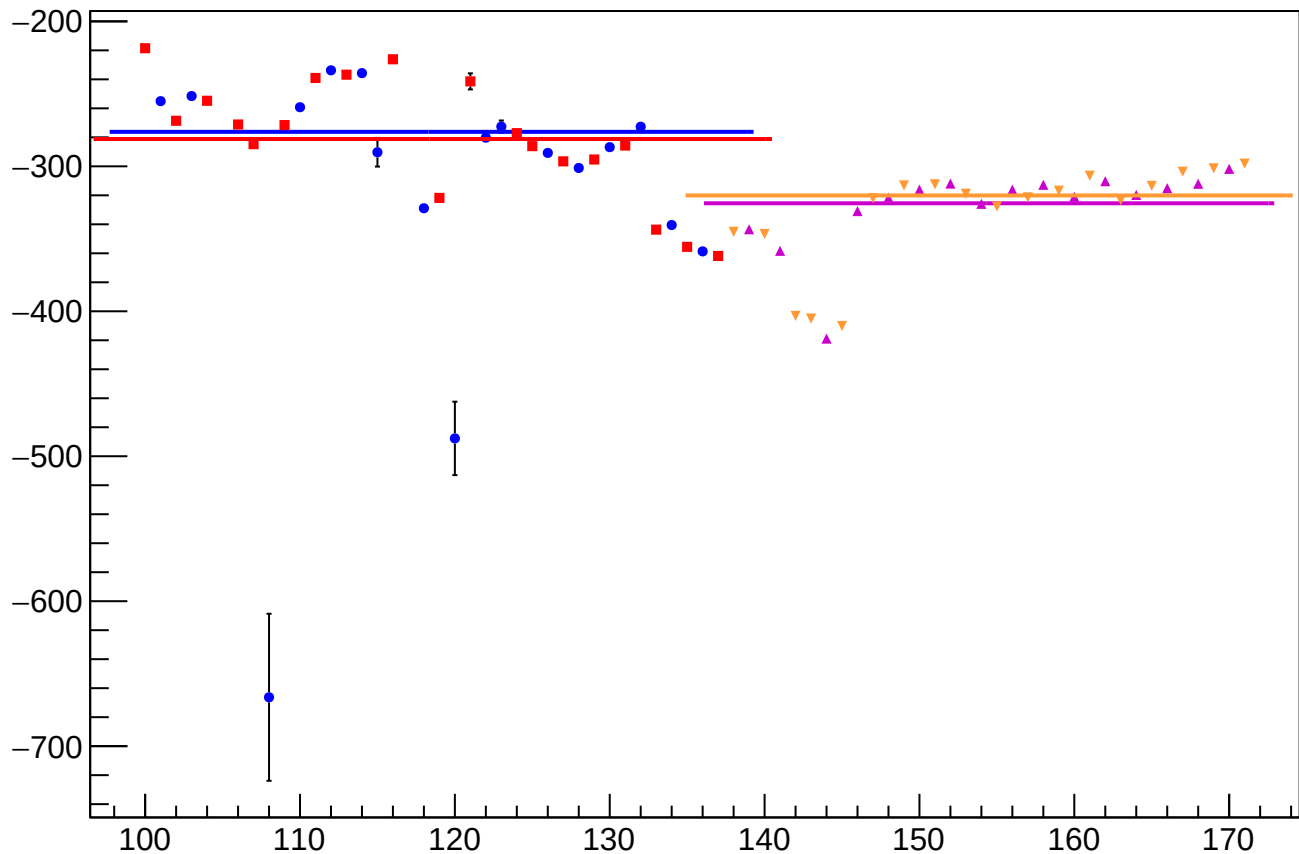
Left In: 20.493 $\pm$ 0.008 χ^2 /NDF: 107311.8/15

+ sign 19.915 $\pm$ 0.008 χ^2 /NDF: 126727.1/32

All: 20.307 $\pm$ 0.006 χ^2 /NDF: 268328.4/66

- sign 20.657 $\pm$ 0.008 χ^2 /NDF: 137158.3/33

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -320.094 ± 0.116 χ^2/NDF : 41152.8/17

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

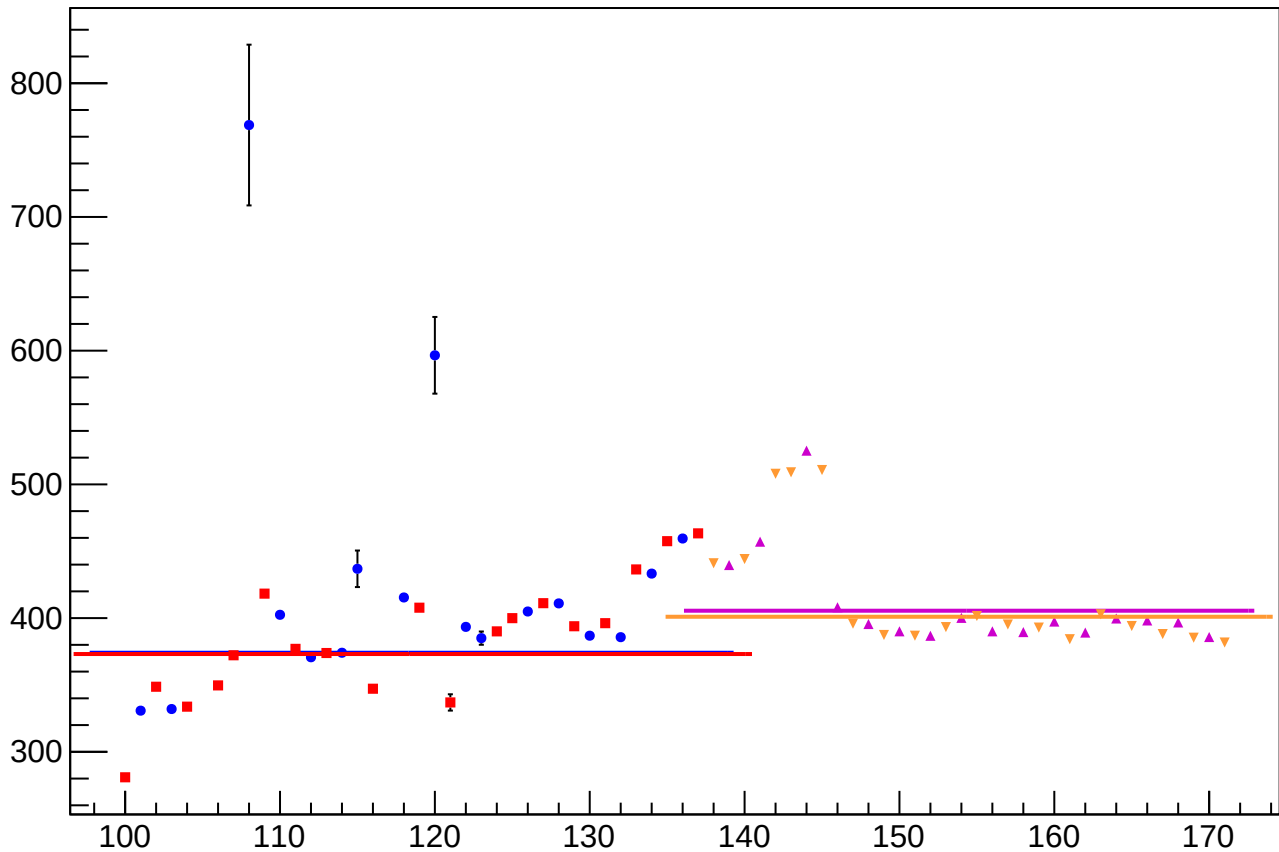
Left In: -325.492 ± 0.111 χ^2/NDF : 41668.4/15

+ sign -305.838 ± 0.095 χ^2/NDF : 146146.7/34

All: -307.729 ± 0.065 χ^2/NDF : 323684.0/69

- sign -309.389 ± 0.089 χ^2/NDF : 176791.9/34

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 401.012 $\pm$ 0.117 χ^2 /NDF: 59273.1/17

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

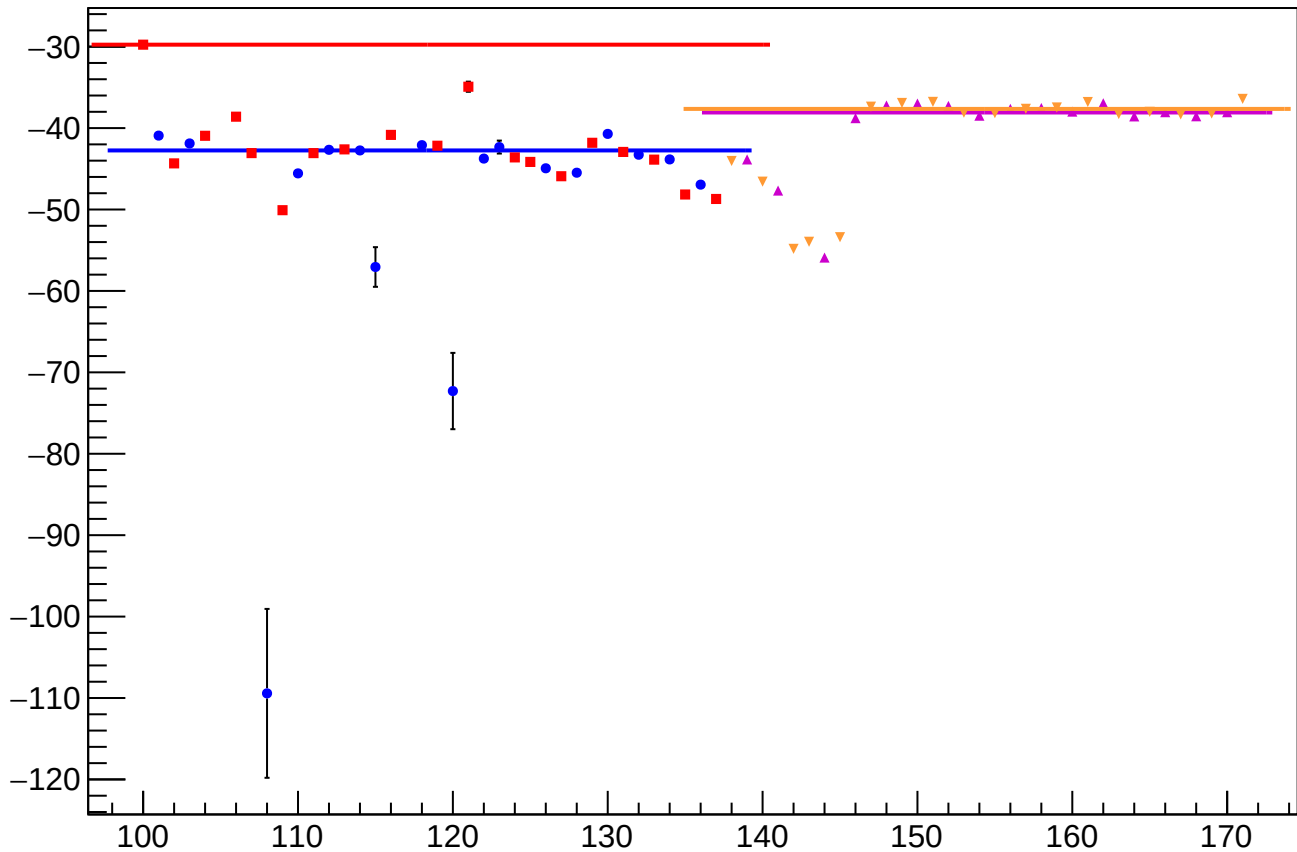
Left In: 405.527 $\pm$ 0.113 χ^2 /NDF: 64896.9/15

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 147068.9/34

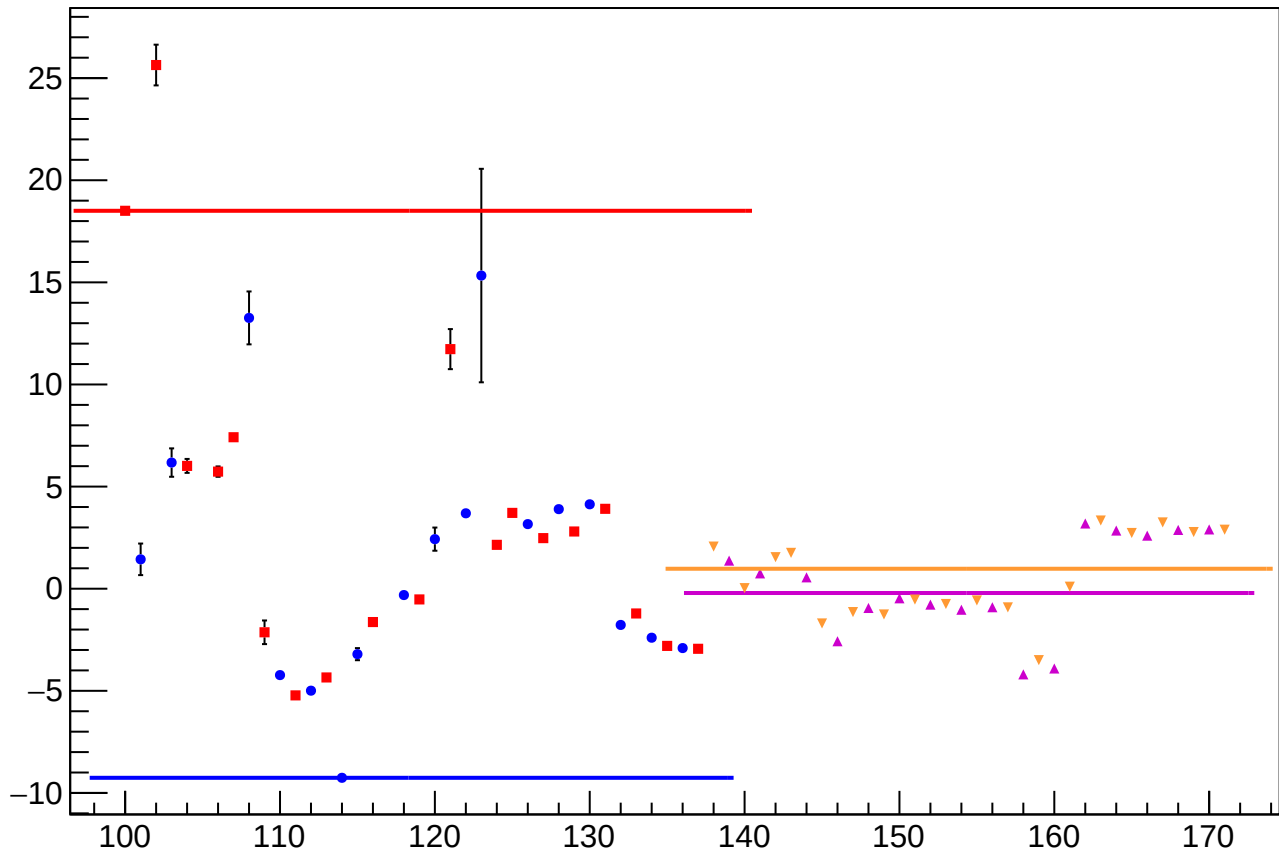
All: 374.094 $\pm$ 0.000 χ^2 /NDF: 398224.9/69

- sign 394.619 $\pm$ 0.092 χ^2 /NDF: 201012.7/34

dit_usr_11X12X_slope vs Slug



dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 0.977 ± 0.006 χ^2/NDF : 143527.9/17

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

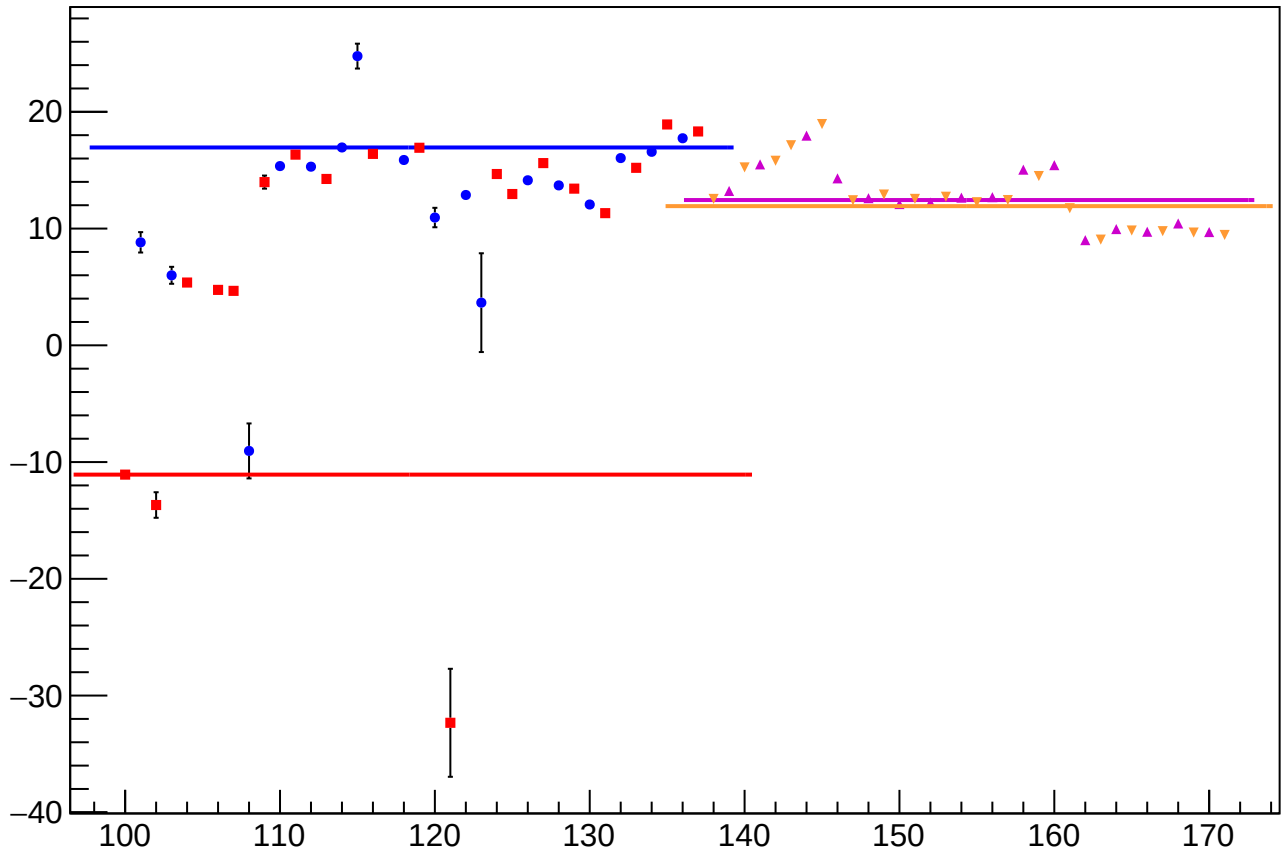
Left In: -0.210 ± 0.007 χ^2/NDF : 116050.8/15

+ sign -9.259 ± 0.000 χ^2/NDF : 3604567.5/34

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 15381716.1/34

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 11.922 $\pm$ 0.008 χ^2 /NDF: 61011.4/17

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

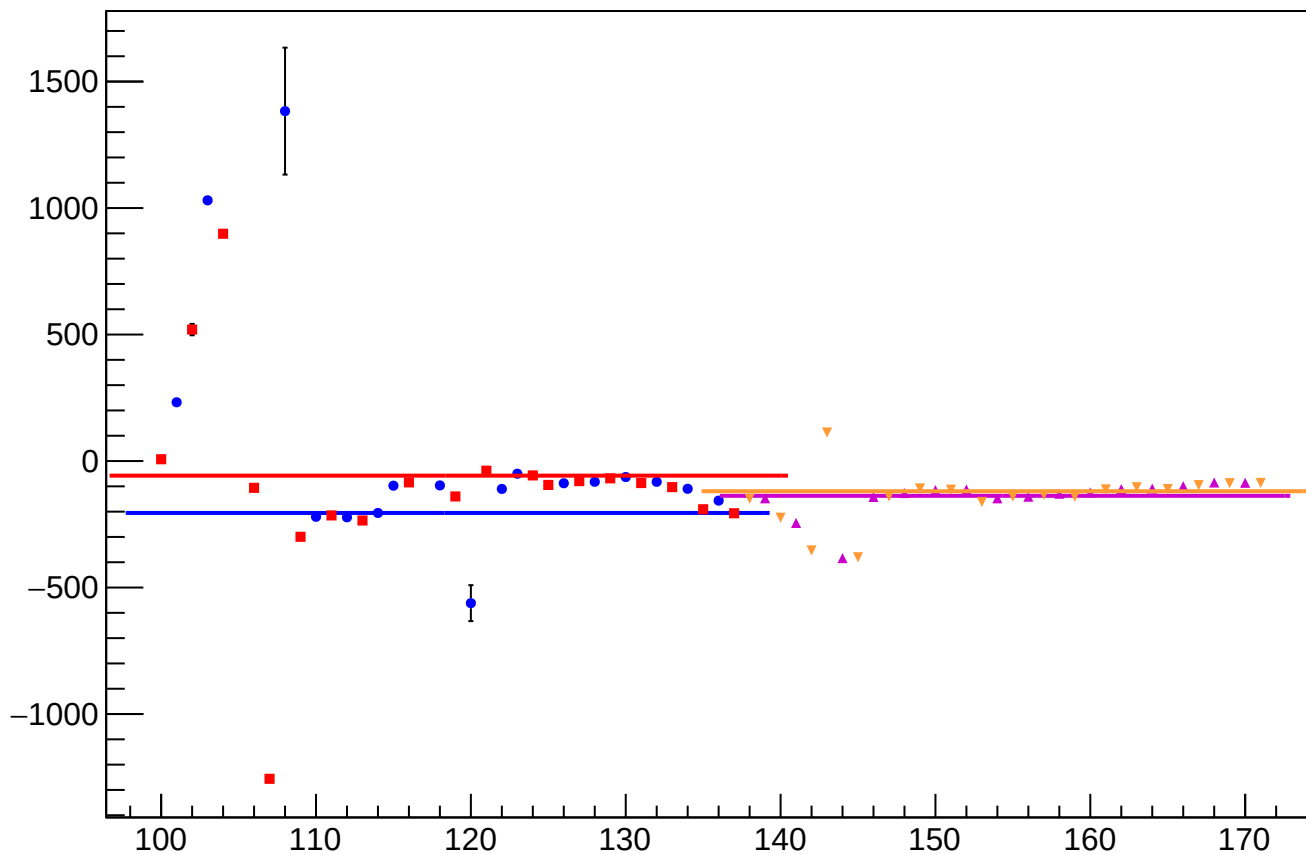
Left In: 12.444 $\pm$ 0.009 χ^2 /NDF: 43984.8/15

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 464304.8/34

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 9032227.6/34

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2 /NDF: 582775.6/16

Left Out: -119.225+/-0.216 χ^2 /NDF: 52258.8/17

Right Out: -57.684+/-0.283 χ^2 /NDF: 114854.9/18

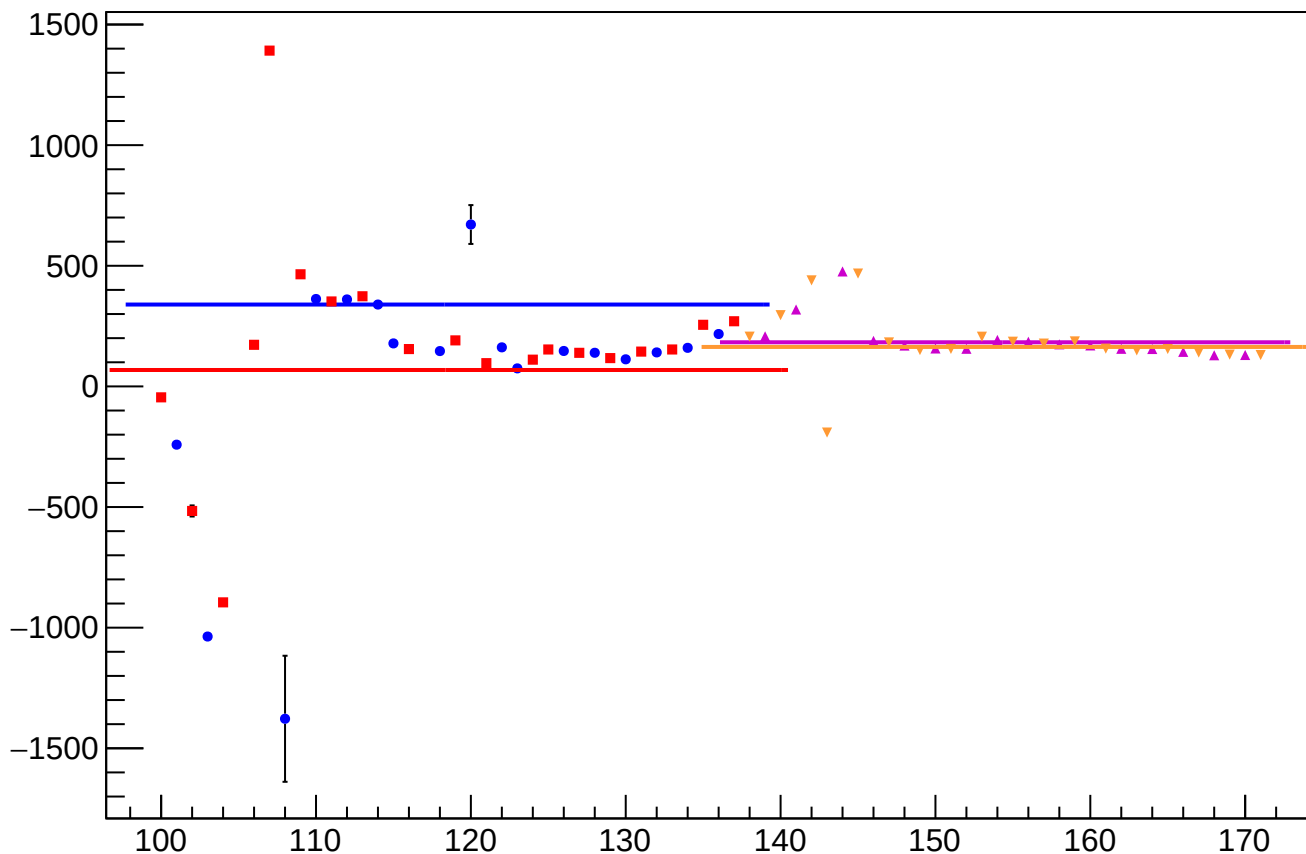
Left In: -137.432+/-0.281 χ^2 /NDF: 49891.3/15

+ sign -205.160+/-0.000 χ^2 /NDF: 792897.6/34

All: -205.160+/-0.000 χ^2 /NDF: 1286607.4/69

- sign -97.883+/-0.200 χ^2 /NDF: 204674.8/34

dit_atl1_4eX_slope vs Slug



Right In: 339.325 ± 0.000 χ^2/NDF : 1030606.3/16

Left Out: 163.561 ± 0.221 χ^2/NDF : 86863.2/17

Right Out: 68.024 ± 0.286 χ^2/NDF : 272330.9/18

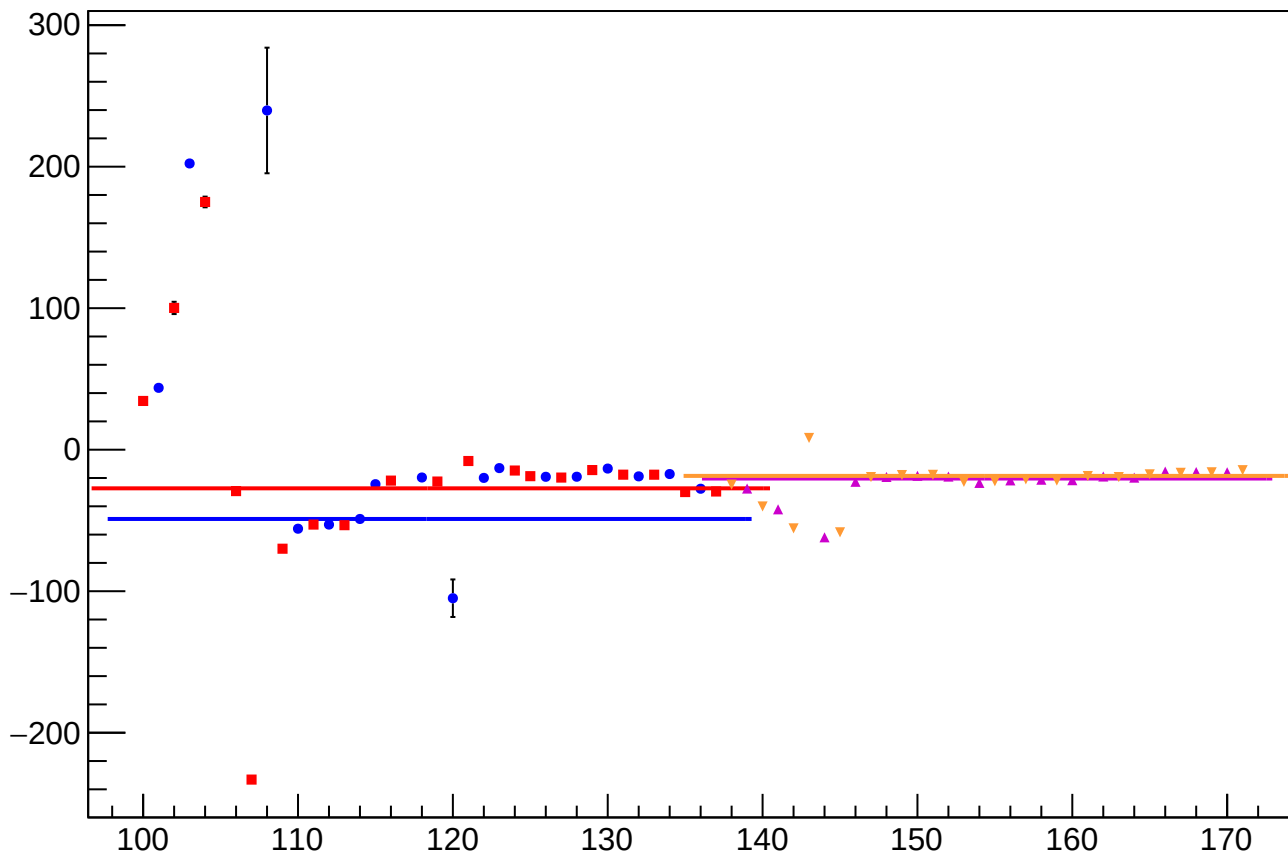
Left In: 182.917 ± 0.285 χ^2/NDF : 56311.7/15

+ sign 339.325 ± 0.000 χ^2/NDF : 1752231.9/34

All: 339.325 ± 0.000 χ^2/NDF : 3280752.1/69

- sign 125.626 ± 0.202 χ^2/NDF : 409507.3/34

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -18.509 ± 0.012 $\chi^2/\text{NDF}: 583503.2/17$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

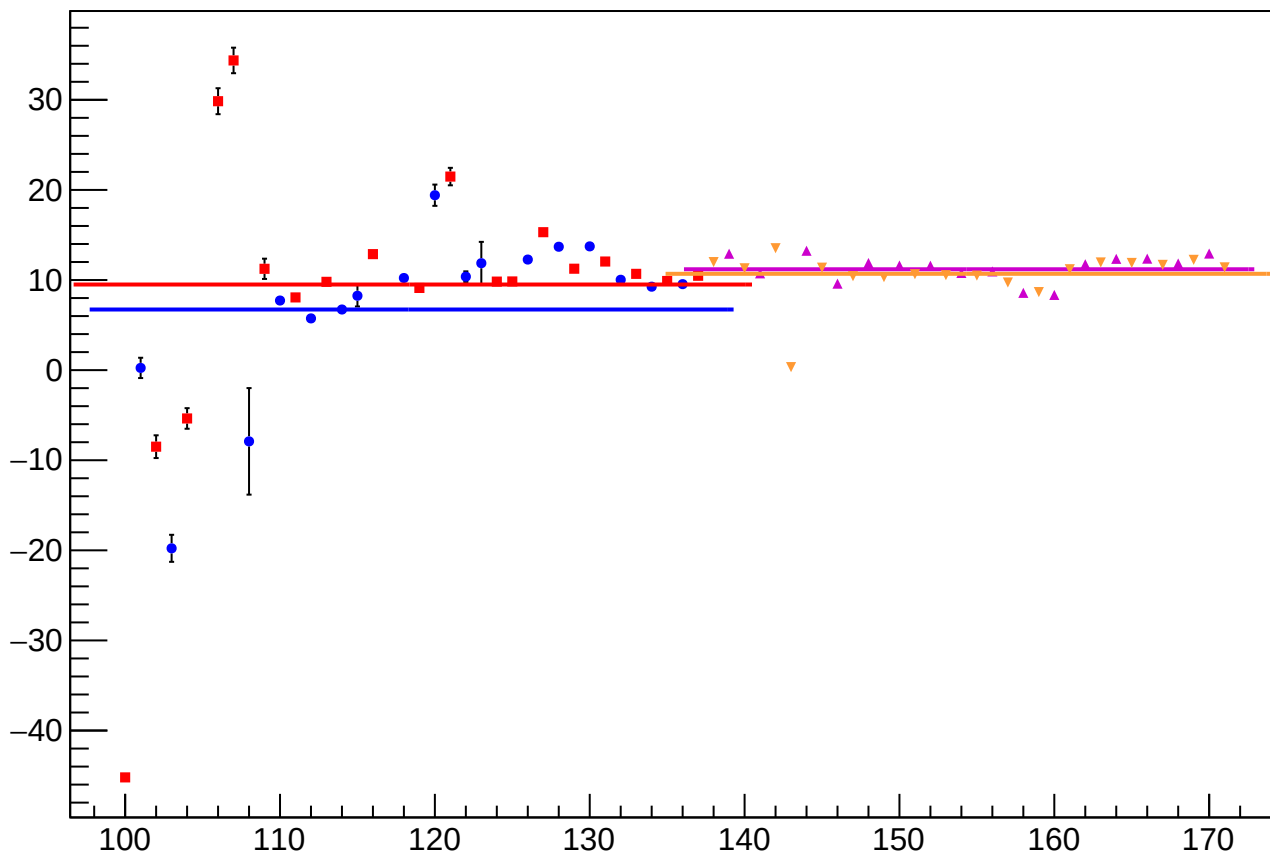
Left In: -20.378 ± 0.015 $\chi^2/\text{NDF}: 150583.5/15$

+ sign -48.945 ± 0.000 $\chi^2/\text{NDF}: 12933970.8/34$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 17017024.1/69$

- sign -20.921 ± 0.014 $\chi^2/\text{NDF}: 334999.8/34$

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.690 ± 0.015 χ^2/NDF : 25710.0/17

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

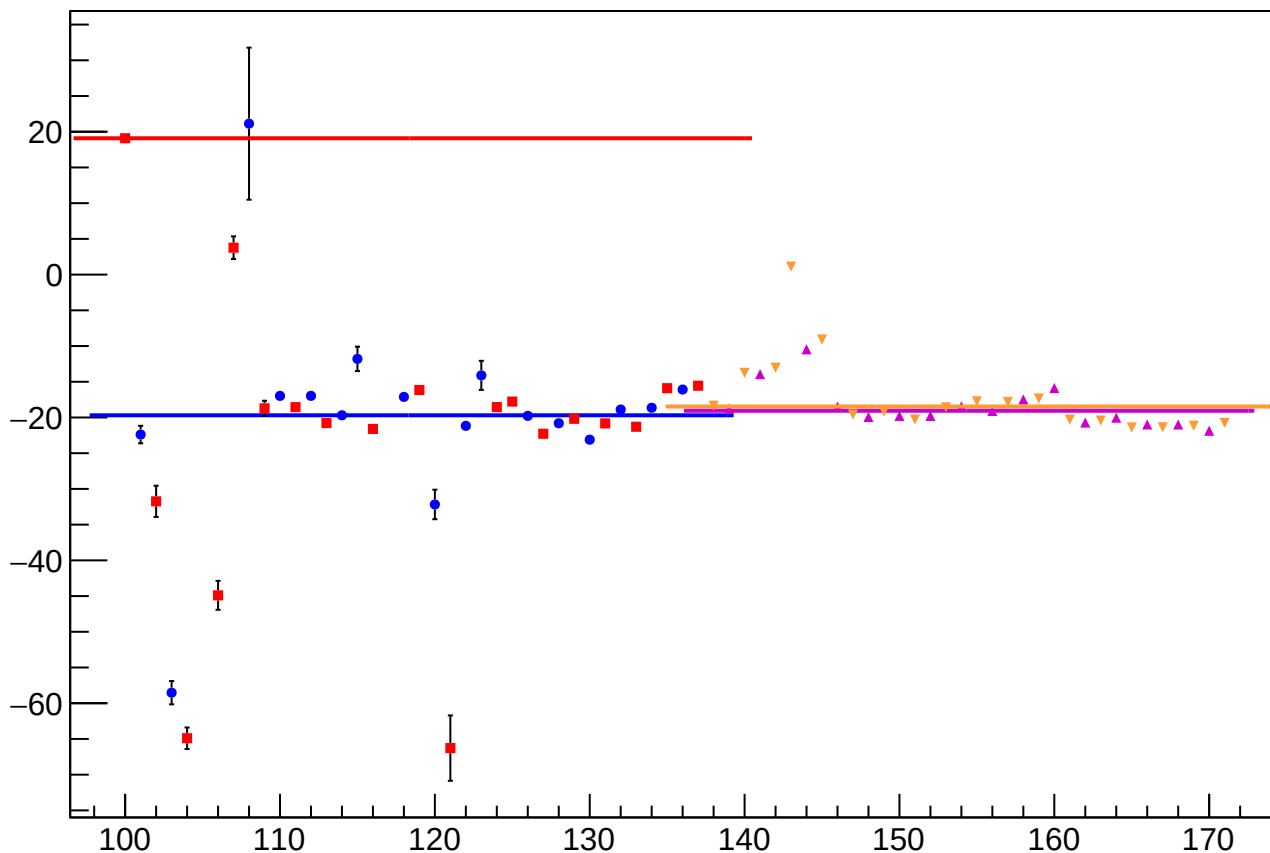
Left In: 11.195 ± 0.013 χ^2/NDF : 11826.0/15

+ sign 6.728 ± 0.000 χ^2/NDF : 112003.9/34

All: 6.728 ± 0.000 χ^2/NDF : 279334.0/69

- sign 11.003 ± 0.012 χ^2/NDF : 40651.4/34

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -18.465 ± 0.018 χ^2/NDF : 47010.1/17

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

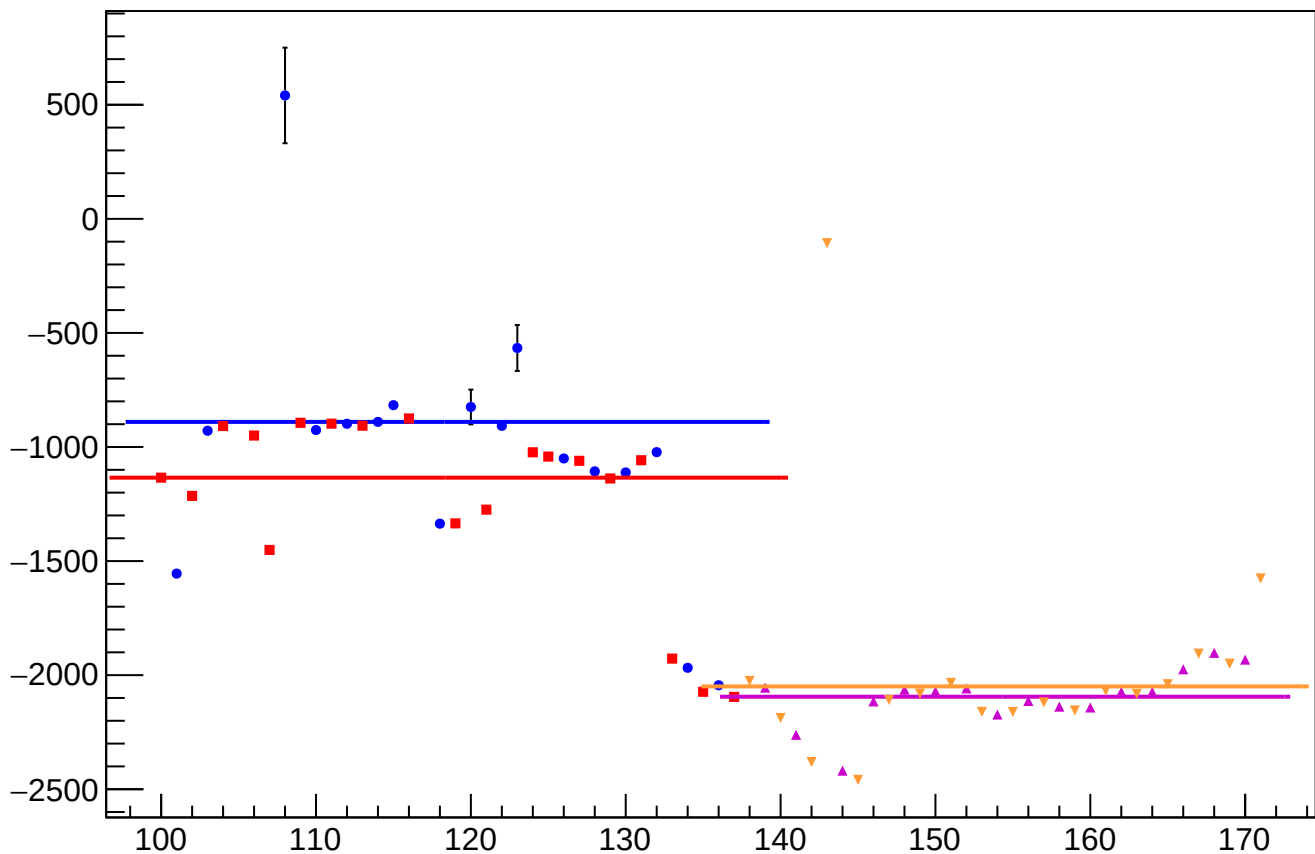
Left In: -19.060 ± 0.018 χ^2/NDF : 12408.0/15

+ sign -19.693 ± 0.000 χ^2/NDF : 59328.9/34

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 5207887.9/34

dit_atl2_4aX_slope vs Slug



Right In: -889.928 ± 0.000 χ^2/NDF : 775896.0/16

Left Out: -2049.297 ± 0.421 χ^2/NDF : 312918.1/17

Right Out: -1134.421 ± 0.000 χ^2/NDF : 733812.0/18

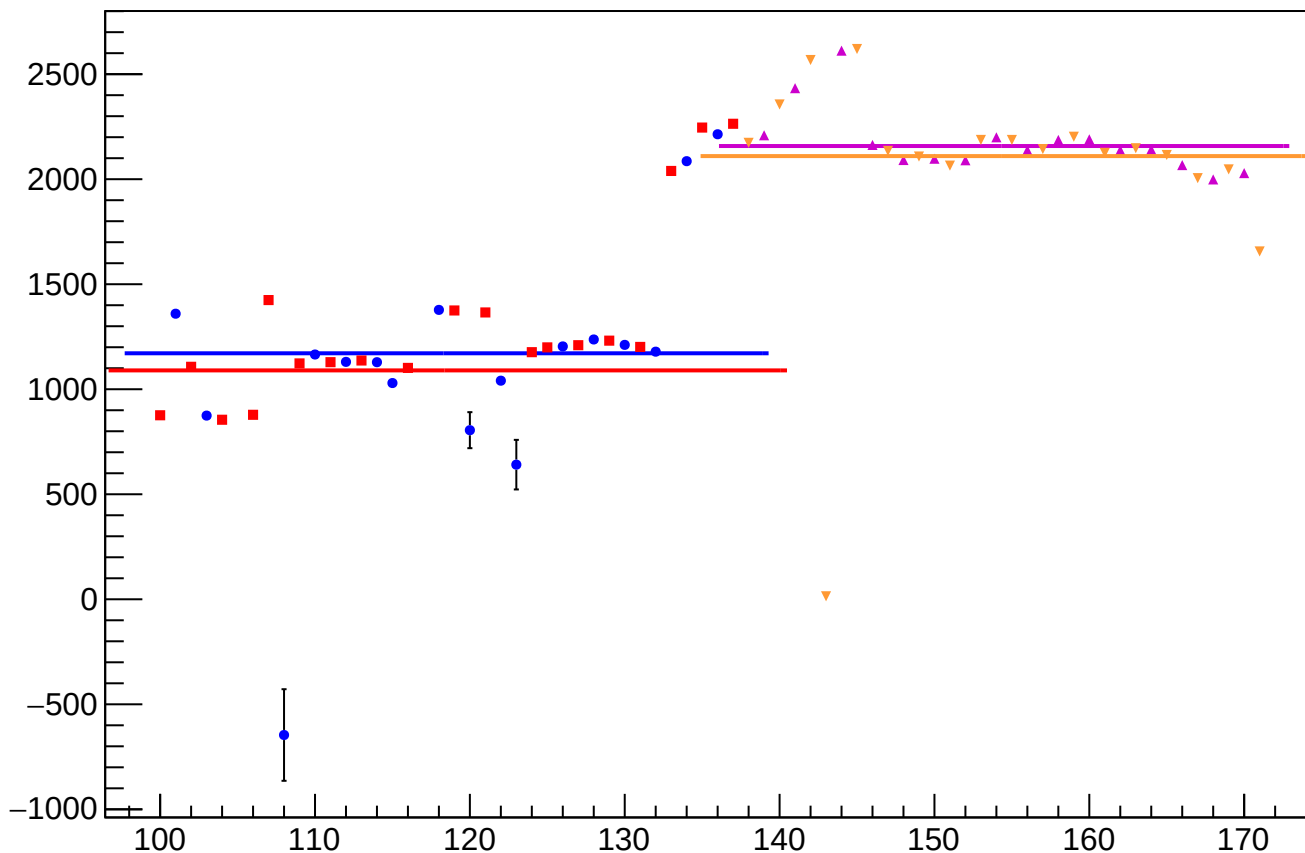
Left In: -2094.577 ± 0.440 χ^2/NDF : 65829.1/15

+ sign -889.928 ± 0.000 χ^2/NDF : 8688558.8/34

All: -976.220 ± 0.000 χ^2/NDF : 44889787387

- sign -1134.421 ± 0.000 χ^2/NDF : 5550829.9/34

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2110.009 $\pm$ 0.421 χ^2 /NDF: 331887.8/17

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

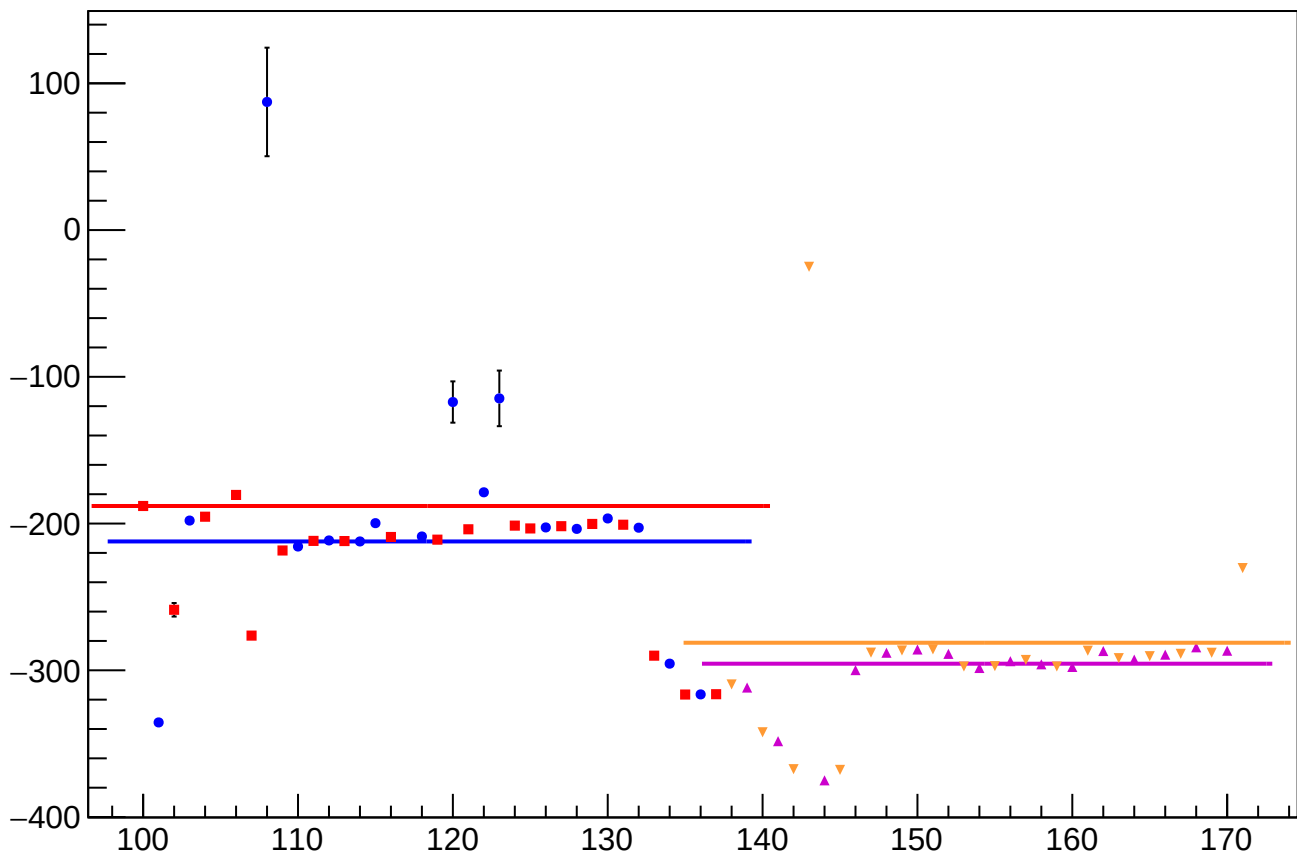
Left In: 2157.973 $\pm$ 0.442 χ^2 /NDF: 77285.0/15

+ sign 1409.247 $\pm$ 0.212 χ^2 /NDF: 4552921.2/34

All: 1382.535 $\pm$ 0.153 χ^2 /NDF: 10155492.1/6

- sign 1353.793 $\pm$ 0.220 χ^2 /NDF: 5569610.0/34

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -281.218+/-0.025 χ^2/NDF : 5776860.1/17

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

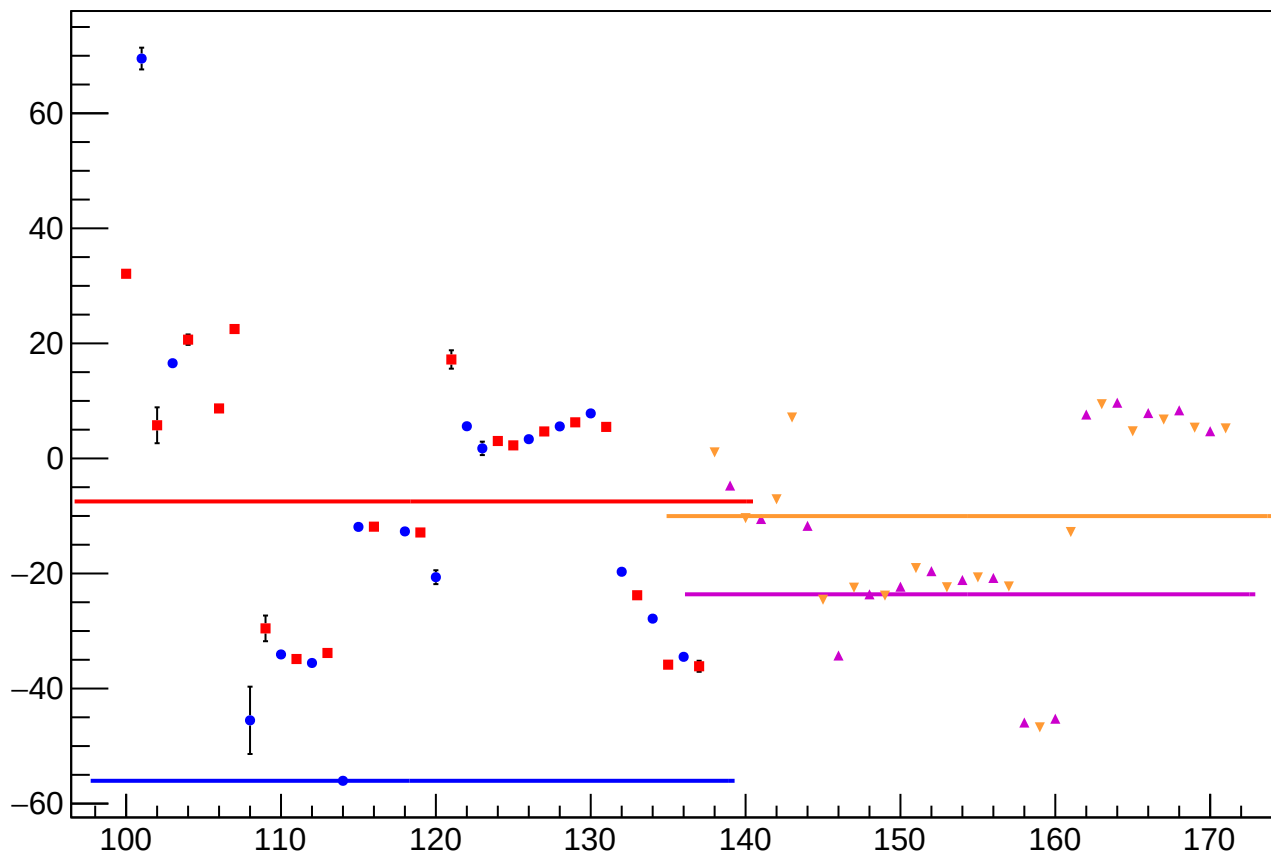
Left In: -295.504+/-0.024 χ^2/NDF : 311749.6/15

+ sign -212.190+/-0.000 χ^2/NDF : 14648282.6/34

All: -195.625+/-0.000 χ^2/NDF : 13622303625

- sign -188.033+/-0.000 χ^2/NDF : 20172713.7/34

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1585420.7/16$

Left Out: -10.023 ± 0.020 $\chi^2/\text{NDF}: 907139.3/17$

Right Out: -7.476 ± 0.042 $\chi^2/\text{NDF}: 173893.8/18$

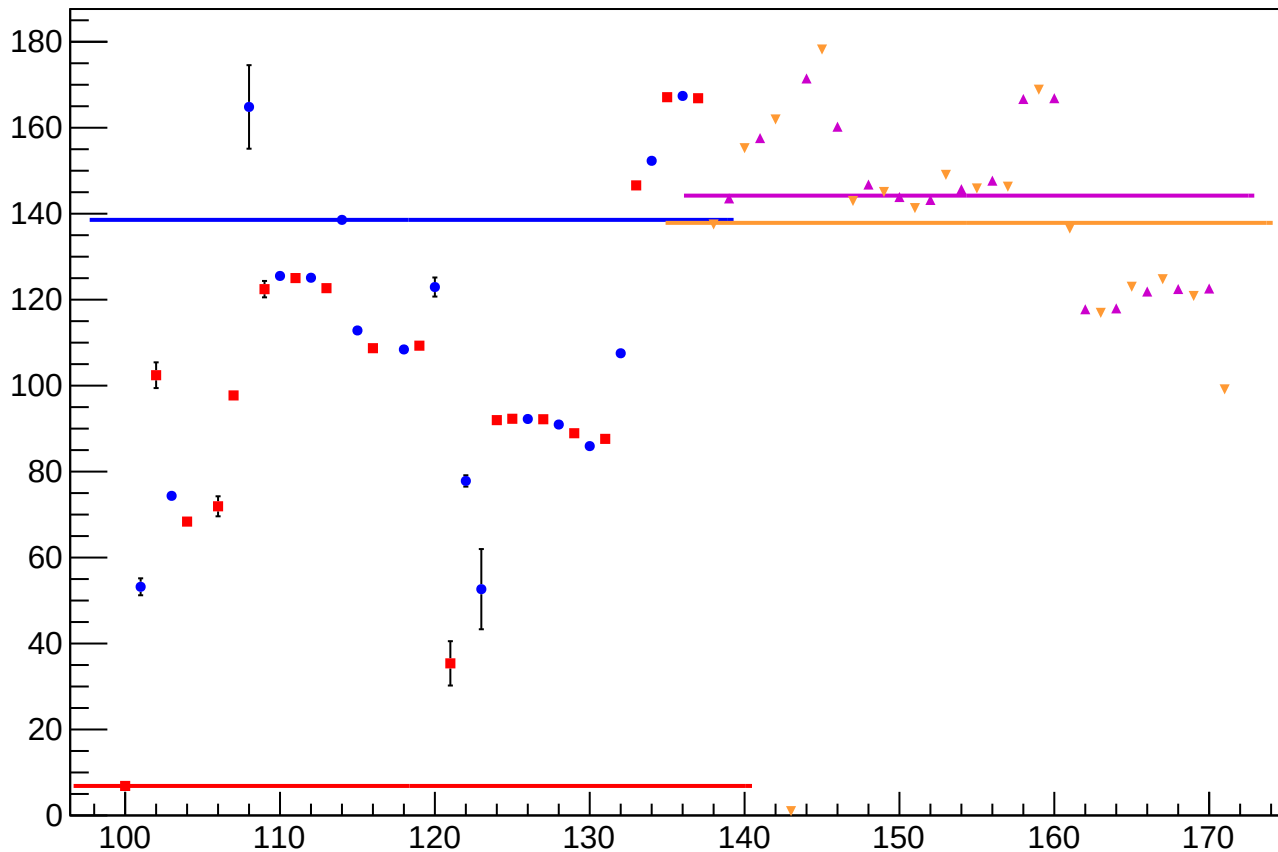
Left In: -23.618 ± 0.023 $\chi^2/\text{NDF}: 679075.5/15$

+ sign -56.037 ± 0.000 $\chi^2/\text{NDF}: 7740293.5/34$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 11904928.7/69$

- sign -19.917 ± 0.020 $\chi^2/\text{NDF}: 965855.8/34$

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 137.870 $\pm$ 0.029 χ^2 /NDF:556036.8/17

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

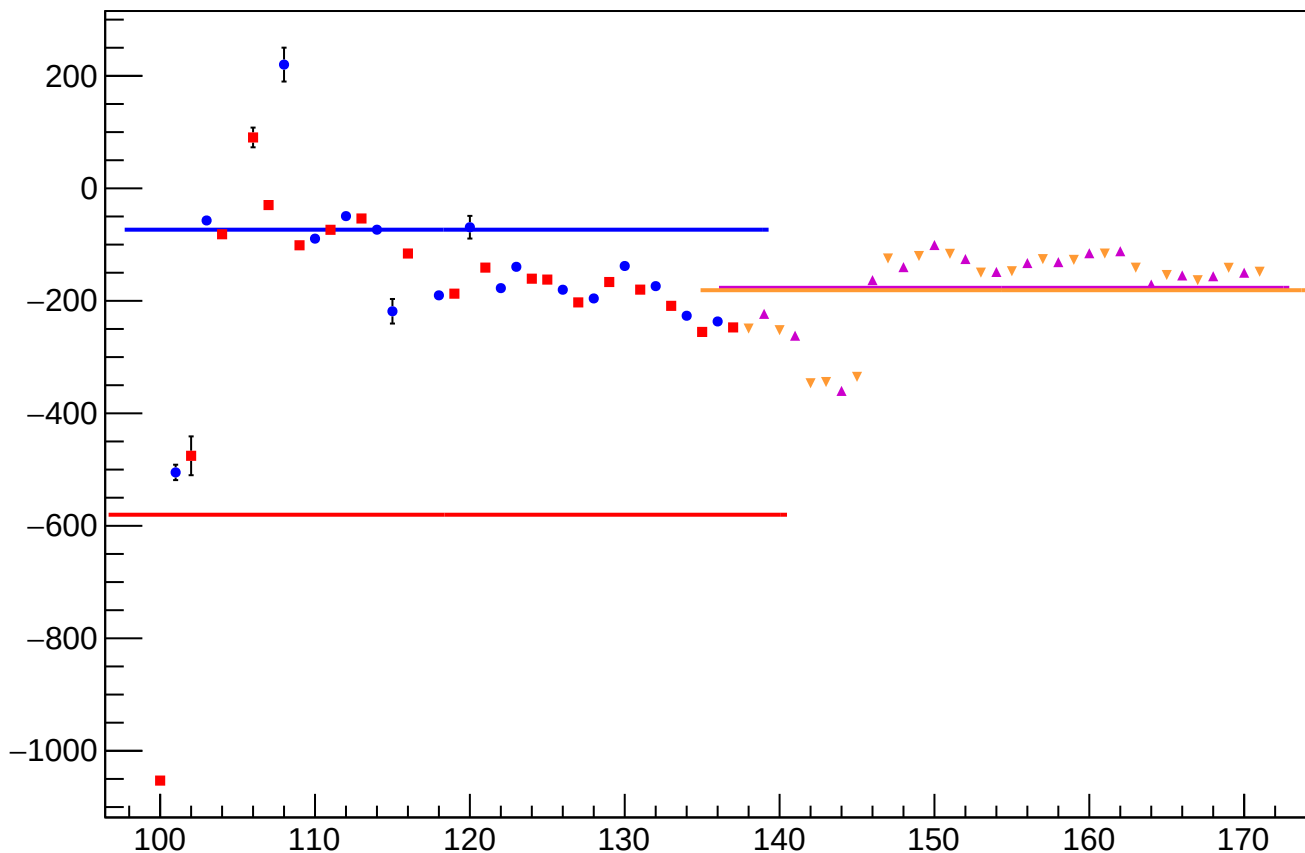
Left In: 144.206 $\pm$ 0.031 χ^2 /NDF:248489.6/15

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1457773.7/34

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 27991775.9/34

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -181.090 ± 0.270 $\chi^2/\text{NDF}: 69788.3/17$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

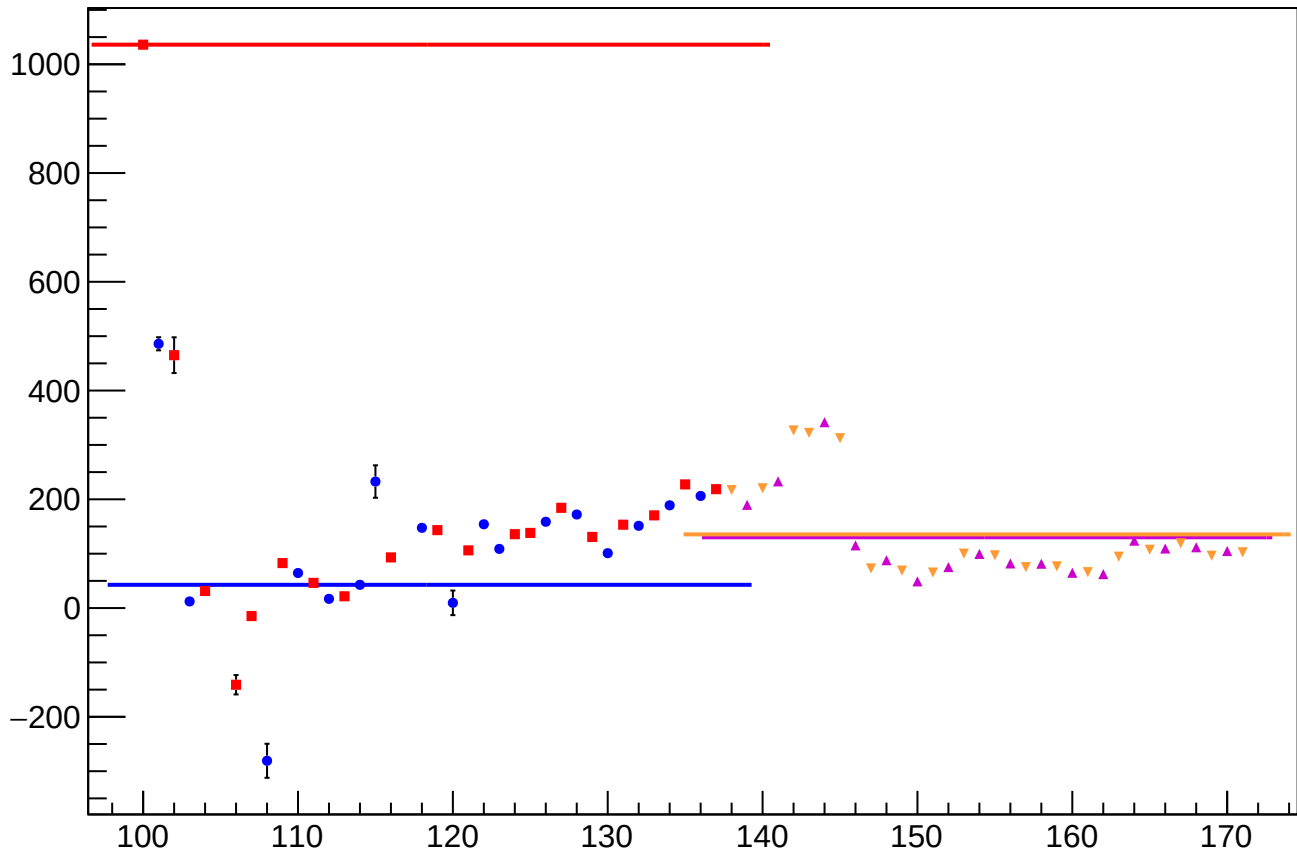
Left In: -176.847 ± 0.294 $\chi^2/\text{NDF}: 62722.6/15$

+ sign -73.485 ± 0.000 $\chi^2/\text{NDF}: 327799.1/34$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7317727.4/69$

- sign -402.332 ± 0.195 $\chi^2/\text{NDF}: 4148516.7/34$

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 135.492+/-0.274 χ^2/NDF : 84006.7/17

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

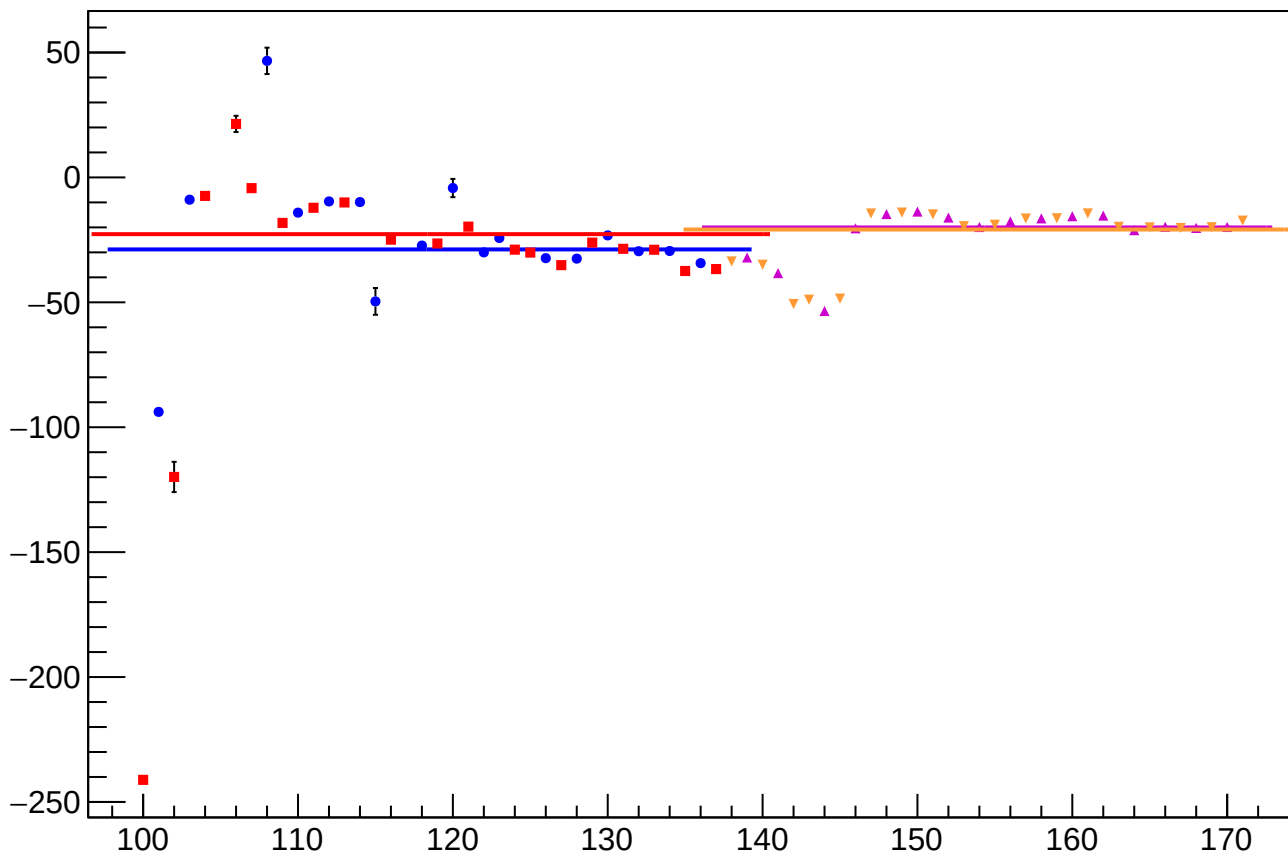
Left In: 130.136+/-0.300 χ^2/NDF : 71914.4/15

+ sign 42.743+/-0.000 χ^2/NDF : 282785.2/34

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 14151955.9/34

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -20.855 ± 0.014 χ^2/NDF : 349652.0/17

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

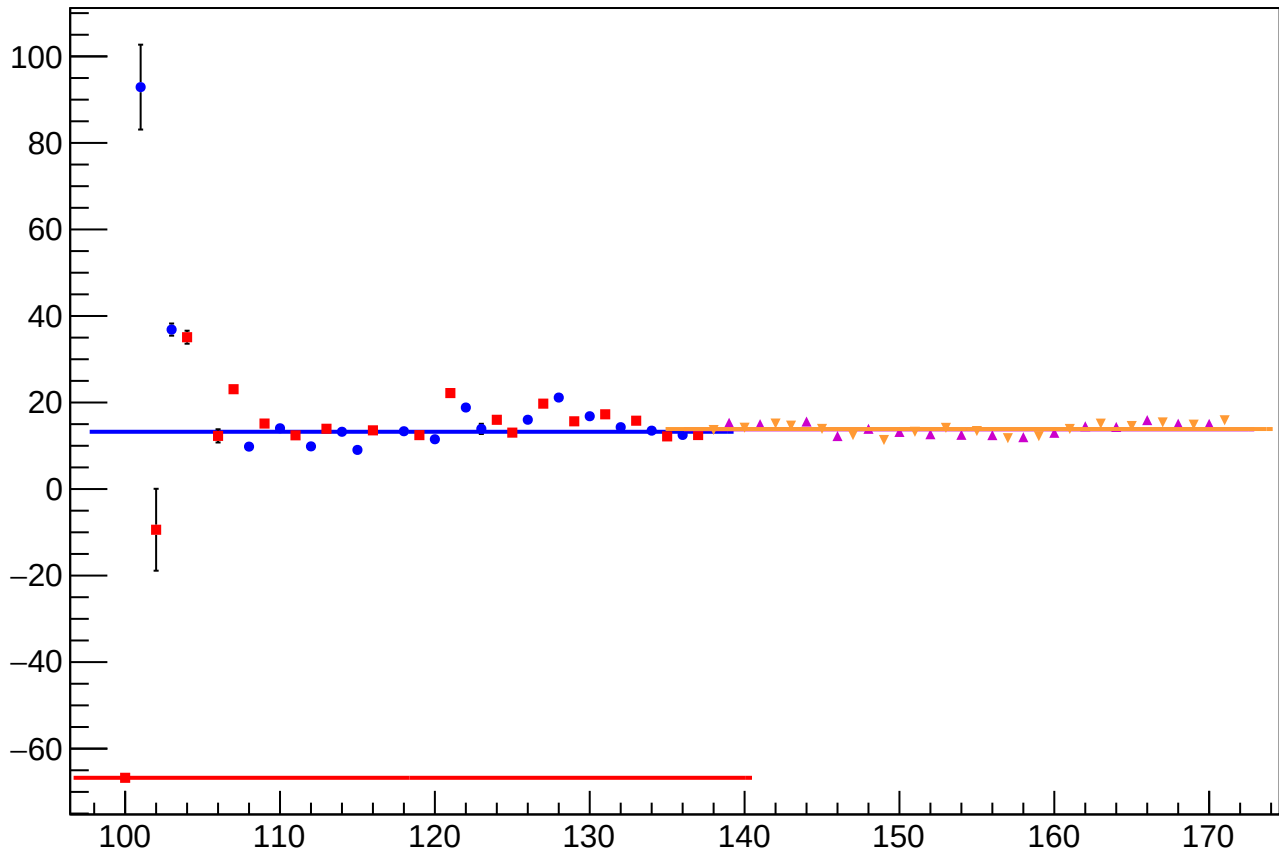
Left In: -20.036 ± 0.017 χ^2/NDF : 200381.6/15

+ sign -21.977 ± 0.013 χ^2/NDF : 444351.9/34

All: -21.331 ± 0.010 χ^2/NDF : 1064809.6/69

- sign -20.459 ± 0.015 χ^2/NDF : 614695.2/34

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.870 $\pm$ 0.013 χ^2 /NDF: 7815.0/17

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

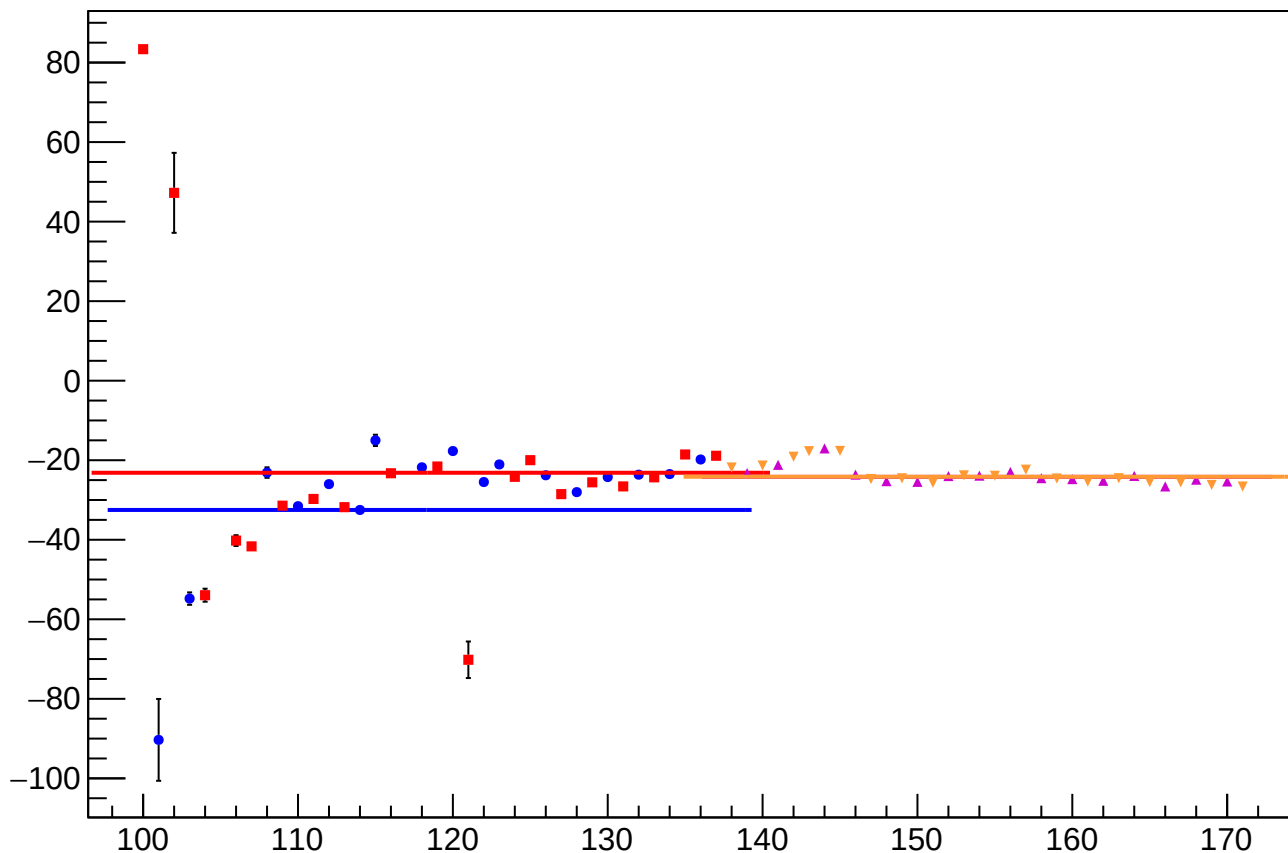
Left In: 13.791 $\pm$ 0.015 χ^2 /NDF: 7048.9/15

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 15782.2/34

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 33415790.3/34

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -24.152 ± 0.018 χ^2/NDF : 18453.5/17

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

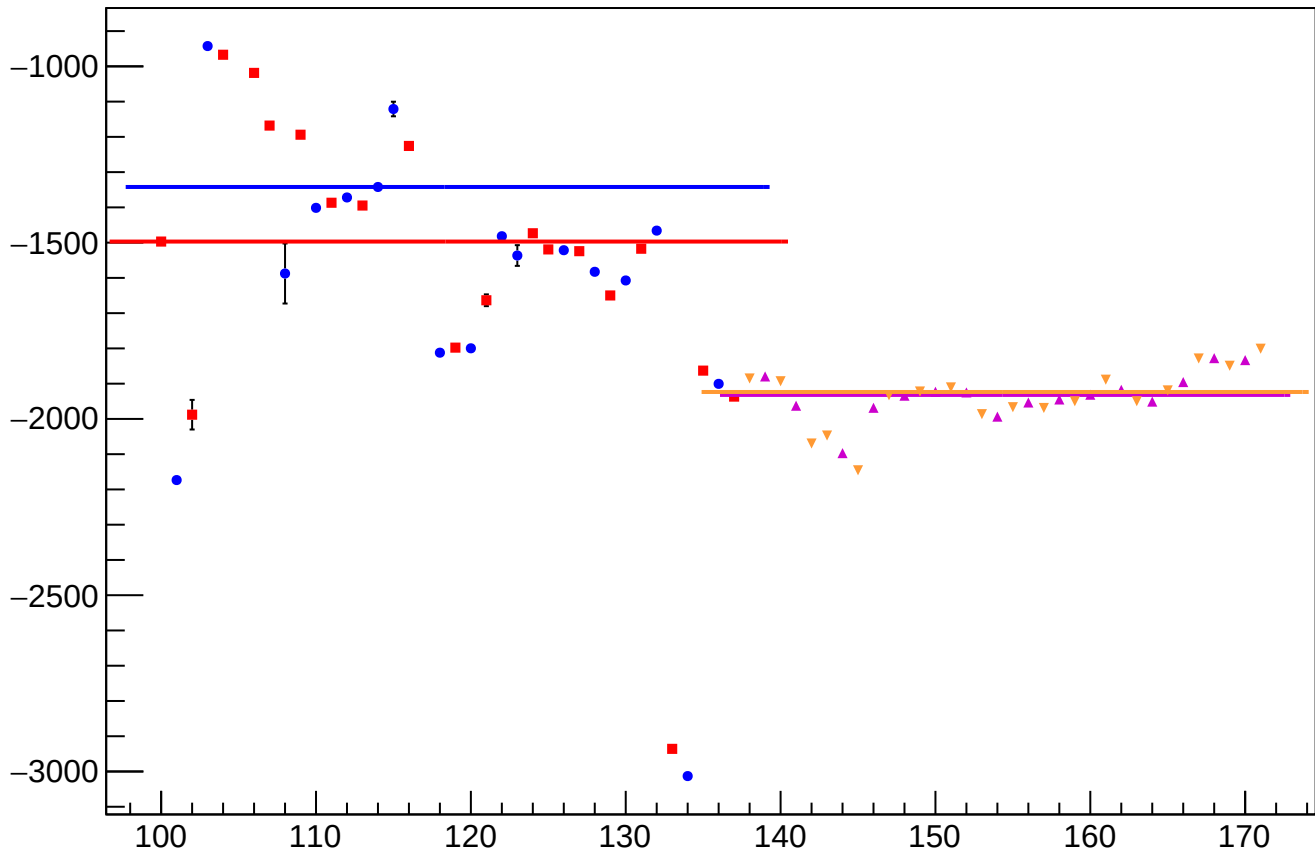
Left In: -24.189 ± 0.018 χ^2/NDF : 6791.9/15

+ sign -32.504 ± 0.000 χ^2/NDF : 311873.2/34

All: -32.504 ± 0.000 χ^2/NDF : 656116.0/69

- sign -24.056 ± 0.017 χ^2/NDF : 97955.5/34

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1923.581+/-0.364 χ^2/NDF : 38500.2/17

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

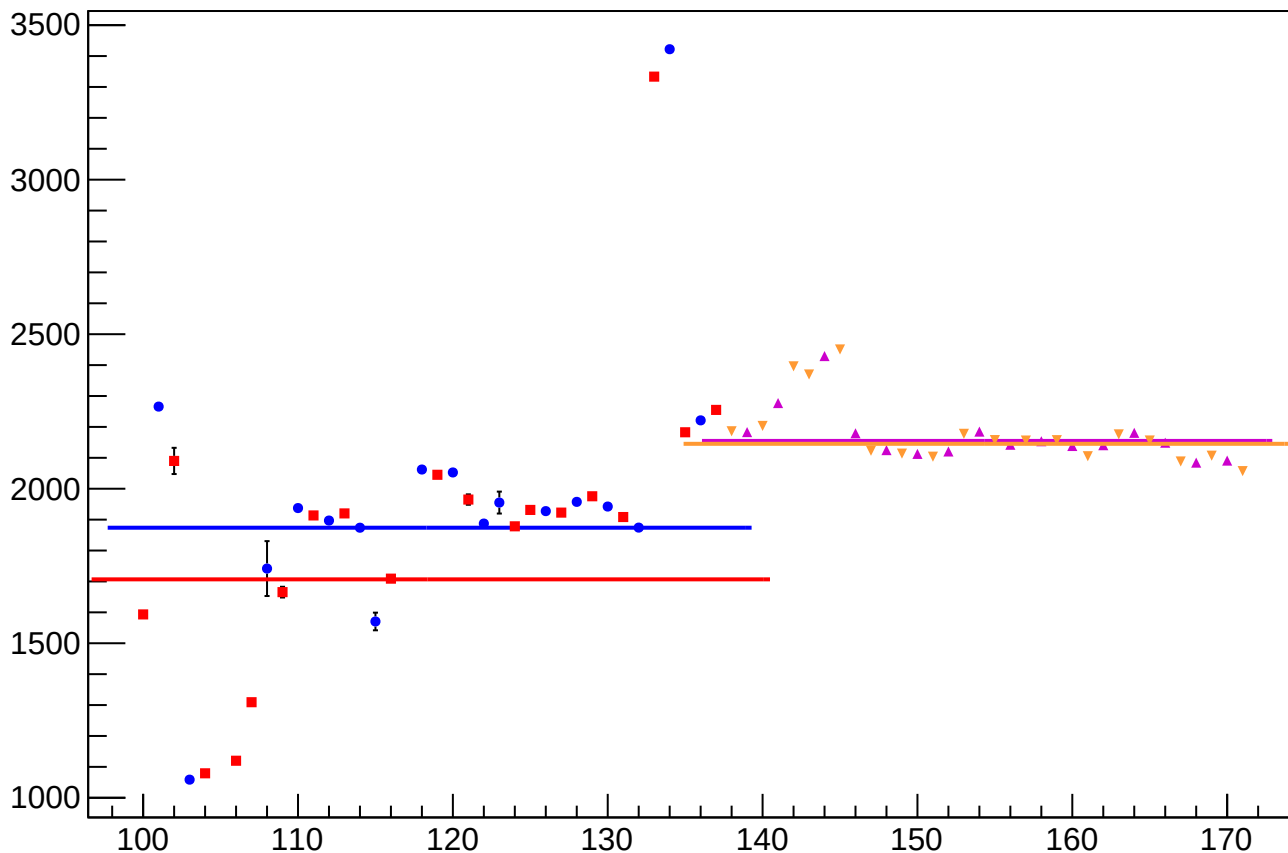
Left In: -1931.915+/-0.325 χ^2/NDF : 26614.9/15

+ sign -1342.107+/-0.000 χ^2/NDF : 2959224.9/34

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

- sign -1496.932+/-0.000 χ^2/NDF : 2321337.1/34

dit_atr2_4eX_slope vs Slug



Right In: 1873.852 ± 0.000 χ^2/NDF : 201563.9/16

Left Out: 2145.310 ± 0.369 χ^2/NDF : 37141.8/17

Right Out: 1706.739 ± 0.302 χ^2/NDF : 837936.9/18

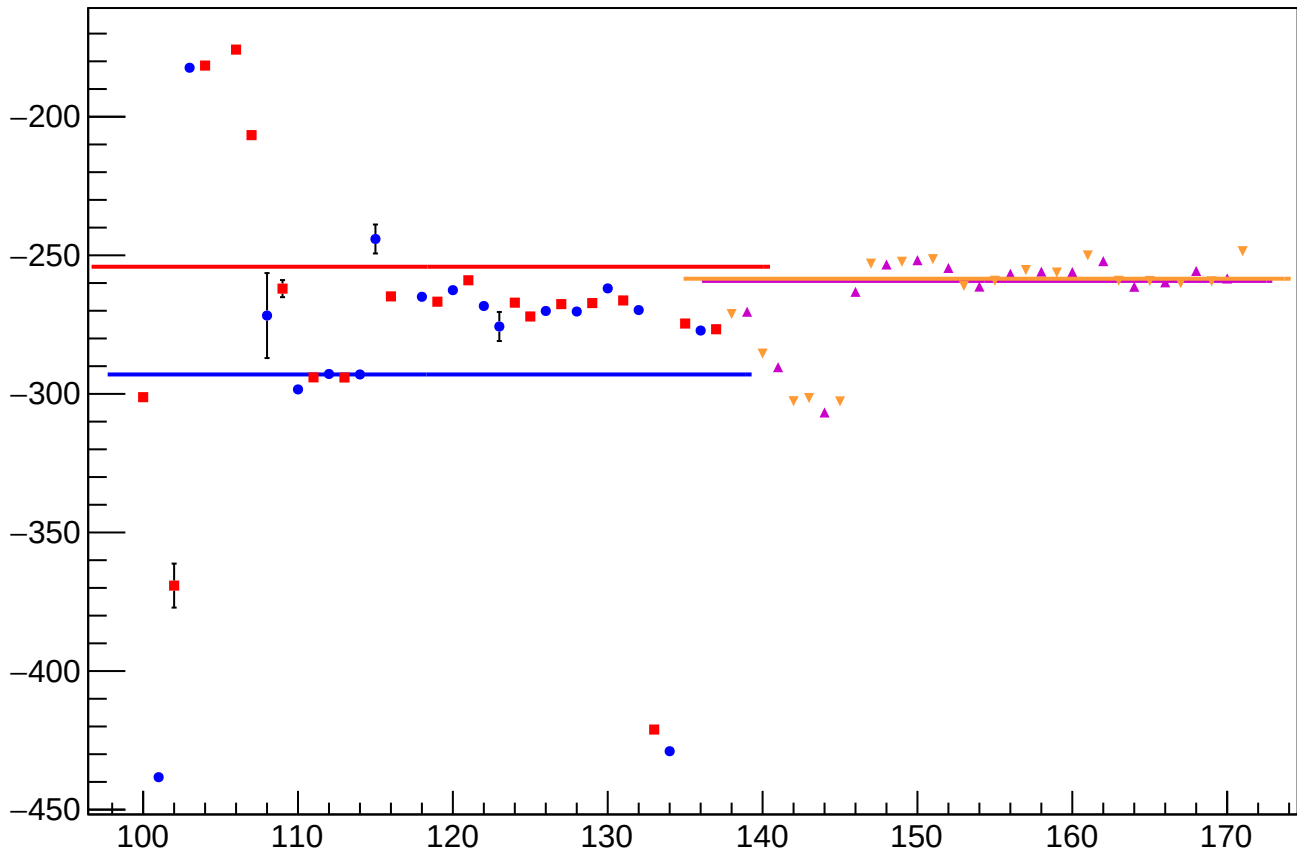
Left In: 2154.665 ± 0.326 χ^2/NDF : 40903.0/15

+ sign 1873.852 ± 0.000 χ^2/NDF : 780403.1/34

All: 1873.852 ± 0.000 χ^2/NDF : 2706148.9/69

- sign 1913.824 ± 0.222 χ^2/NDF : 1893248.7/34

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -258.440+/-0.022 χ^2/NDF : 213754.6/17

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

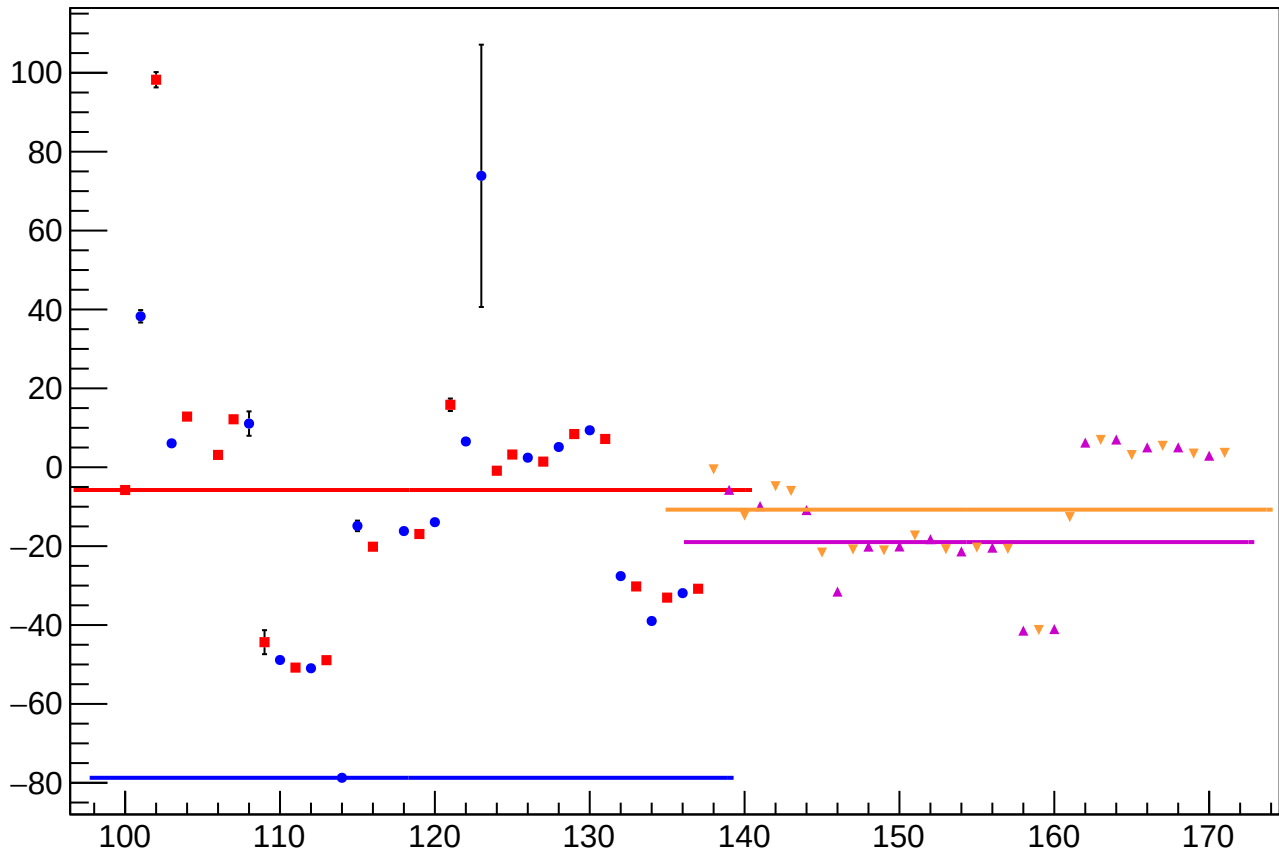
Left In: -259.229+/-0.019 χ^2/NDF : 249461.9/15

+ sign -292.986+/-0.000 χ^2/NDF : 3753094.6/34

All: -292.986+/-0.000 χ^2/NDF : 8023830.9/69

- sign -258.739+/-0.018 χ^2/NDF : 758903.3/34

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -10.750 ± 0.019 $\chi^2/\text{NDF}: 738786.3/17$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

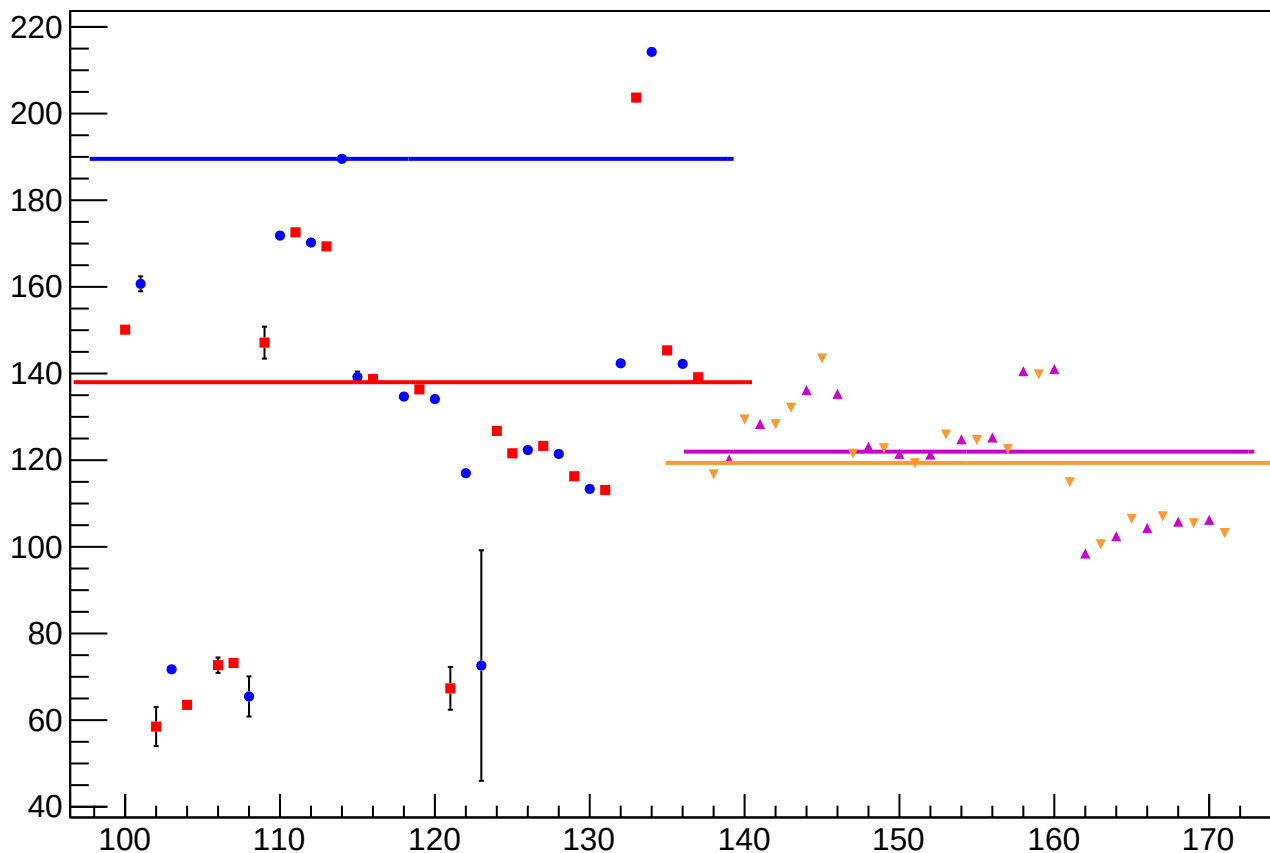
Left In: -18.970 ± 0.019 $\chi^2/\text{NDF}: 749779.8/15$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 14754759.7/34$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 1370240.8/34$

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 119.372+/-0.025 χ^2/NDF : 208656.6/17

Right Out: 138.002+/-0.059 χ^2/NDF : 117357.8/18

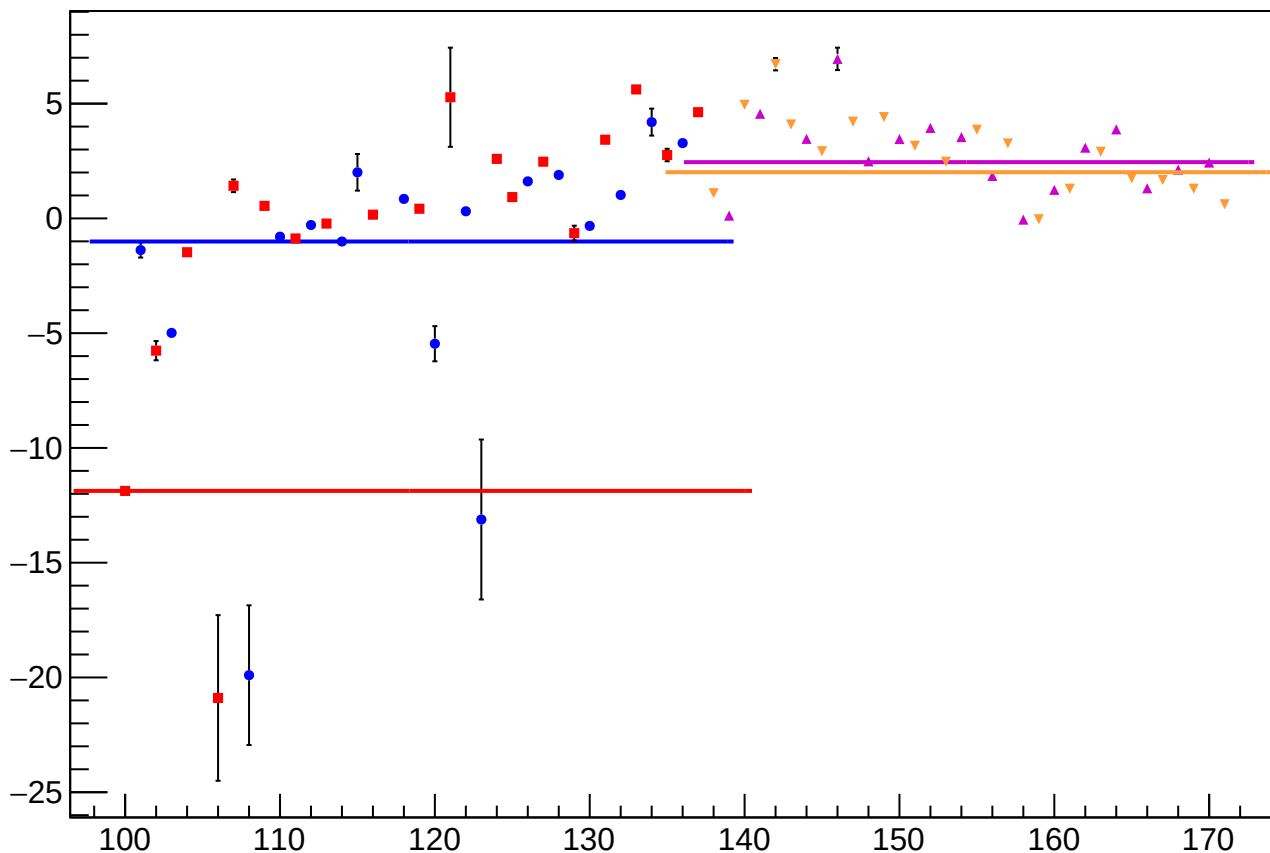
Left In: 121.970+/-0.026 χ^2/NDF : 230100.3/15

+ sign 189.551+/-0.000 χ^2/NDF : 9016562.9/34

All: 189.551+/-0.000 χ^2/NDF : 16701925.4/69

- sign 124.631+/-0.024 χ^2/NDF : 408902.3/34

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.013 ± 0.020 χ^2/NDF : 5655.6/17

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

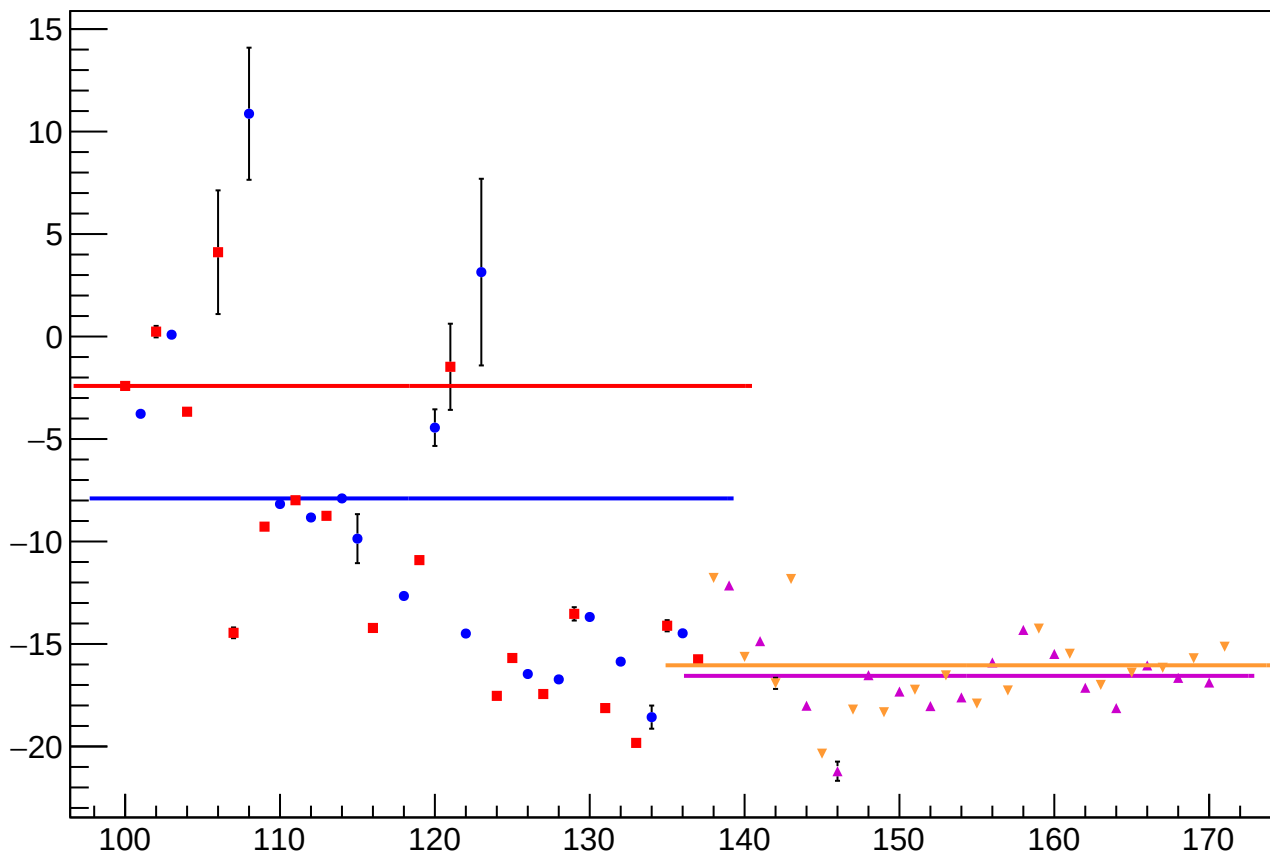
Left In: 2.451 ± 0.017 χ^2/NDF : 6453.5/15

+ sign -1.007 ± 0.000 χ^2/NDF : 36534.0/34

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1233161.1/34

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.040 ± 0.019 χ^2/NDF : 6258.2/17

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

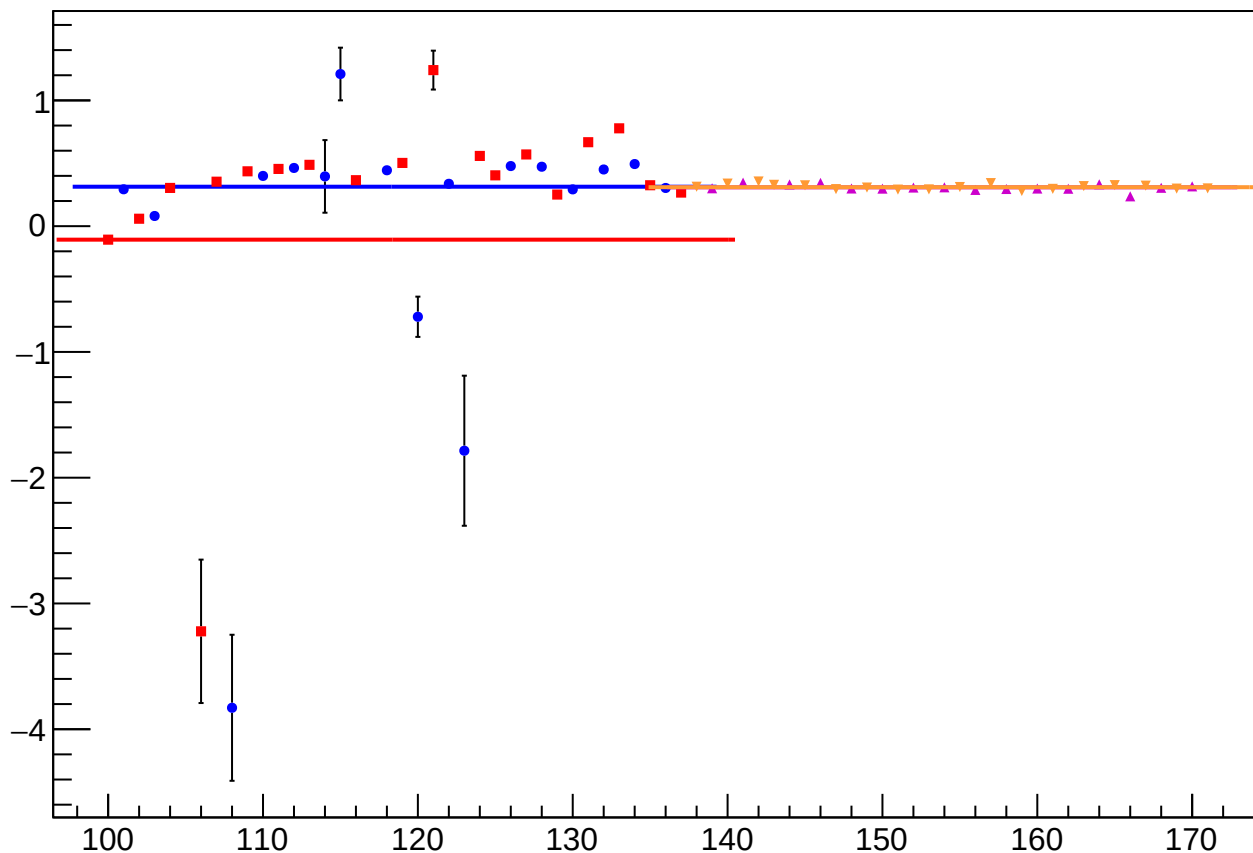
Left In: -16.555 ± 0.017 χ^2/NDF : 5408.5/15

+ sign -7.899 ± 0.000 χ^2/NDF : 223827.3/34

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 863394.6/34

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.310 ± 0.000 χ^2/NDF : 4219.6/17

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

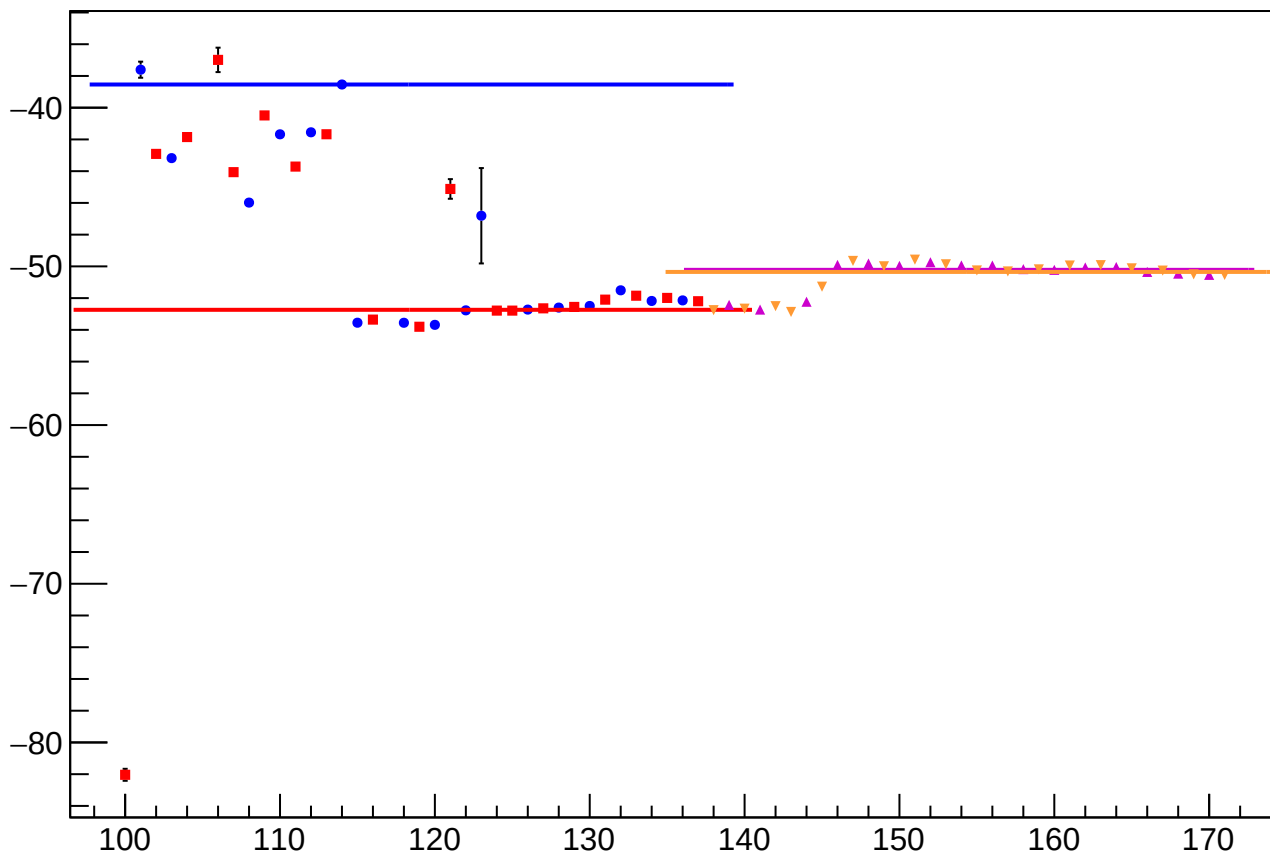
Left In: 0.309 ± 0.000 χ^2/NDF : 2710.3/15

+ sign 0.310 ± 0.000 χ^2/NDF : 6982.3/34

All: -0.107 ± 0.000 χ^2/NDF : 5415322.8/69

- sign -0.107 ± 0.000 χ^2/NDF : 2569002.9/34

dit_sam1_4aY_slope vs Slug



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -50.350 $\pm$ 0.002 χ^2 /NDF: 254092.3/17

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

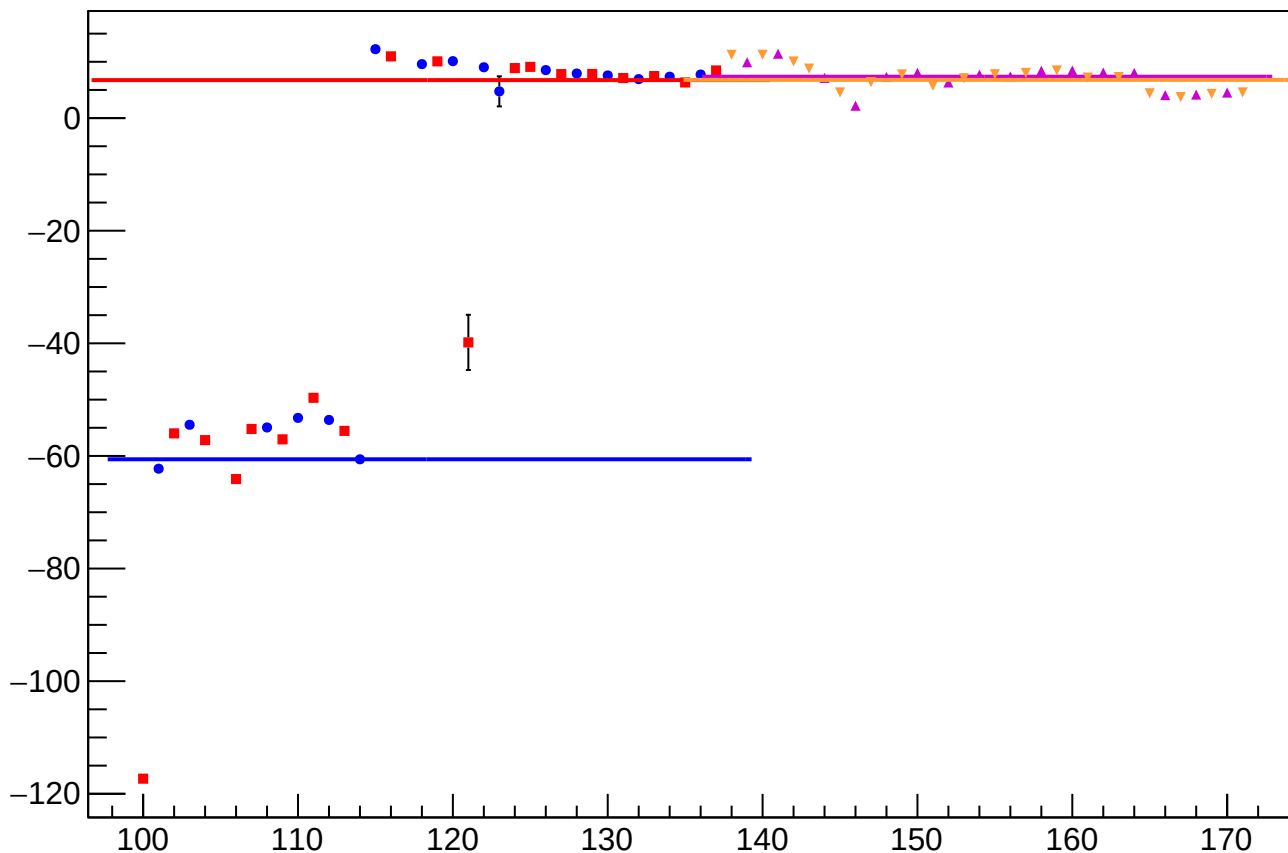
Left In: -50.218 $\pm$ 0.001 χ^2 /NDF: 164509.0/15

+ sign -38.539 $\pm$ 0.000 χ^2 /NDF: 71470459.1/34

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 202343137.9/6

- sign -51.085 $\pm$ 0.001 χ^2 /NDF: 1429637.9/34

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 6.789 ± 0.004 χ^2/NDF : 281310.2/17

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

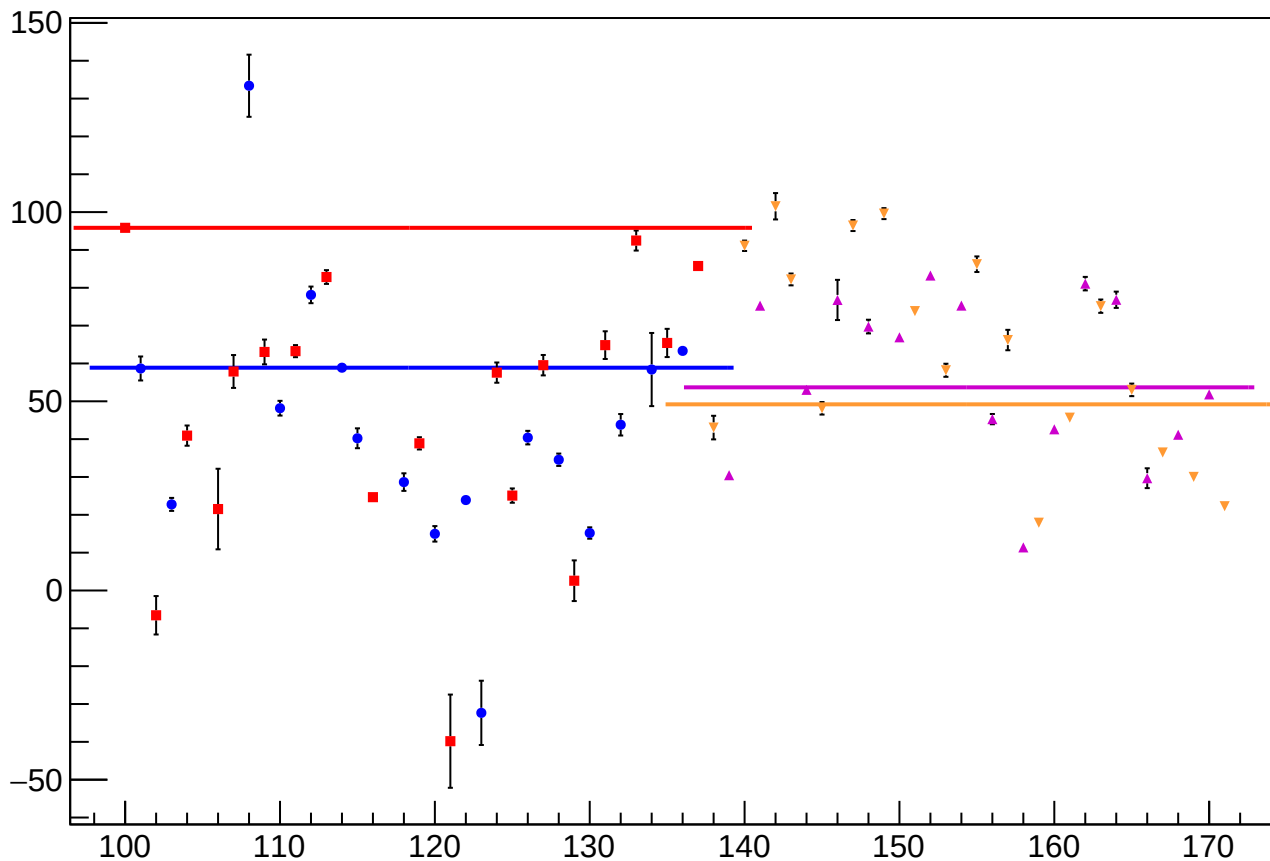
Left In: 7.348 ± 0.004 χ^2/NDF : 157927.1/15

+ sign -60.594 ± 0.000 χ^2/NDF : 336767442.5/34

All: -60.594 ± 0.000 χ^2/NDF : 735960095.3/6

- sign 7.291 ± 0.003 χ^2/NDF : 1427208.5/34

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 49.198 $\pm$ 0.297 χ^2 /NDF: 7613.1/17

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

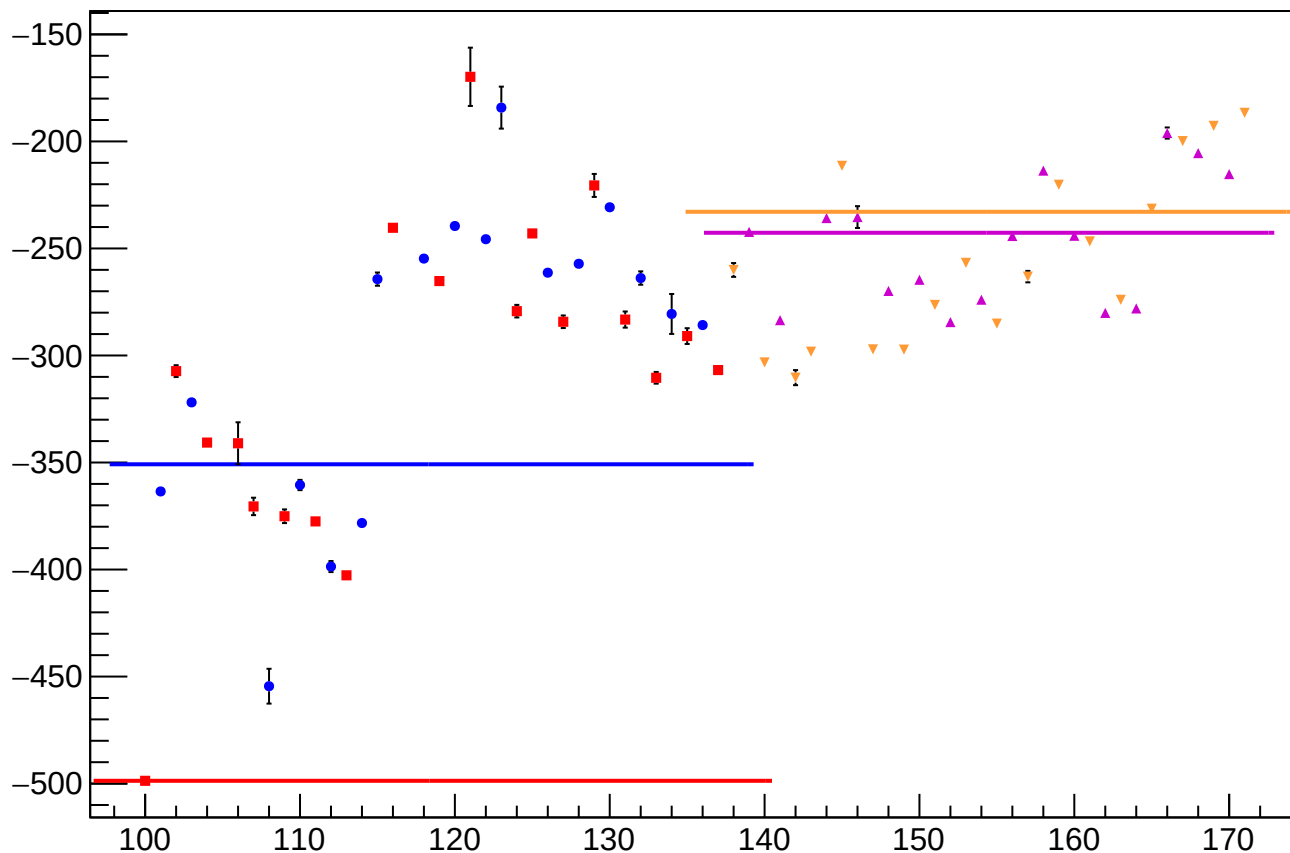
Left In: 53.688 $\pm$ 0.260 χ^2 /NDF: 5364.6/15

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 12488.9/34

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 71090.5/34

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -232.876 ± 0.297 χ^2/NDF : 19245.4/17

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

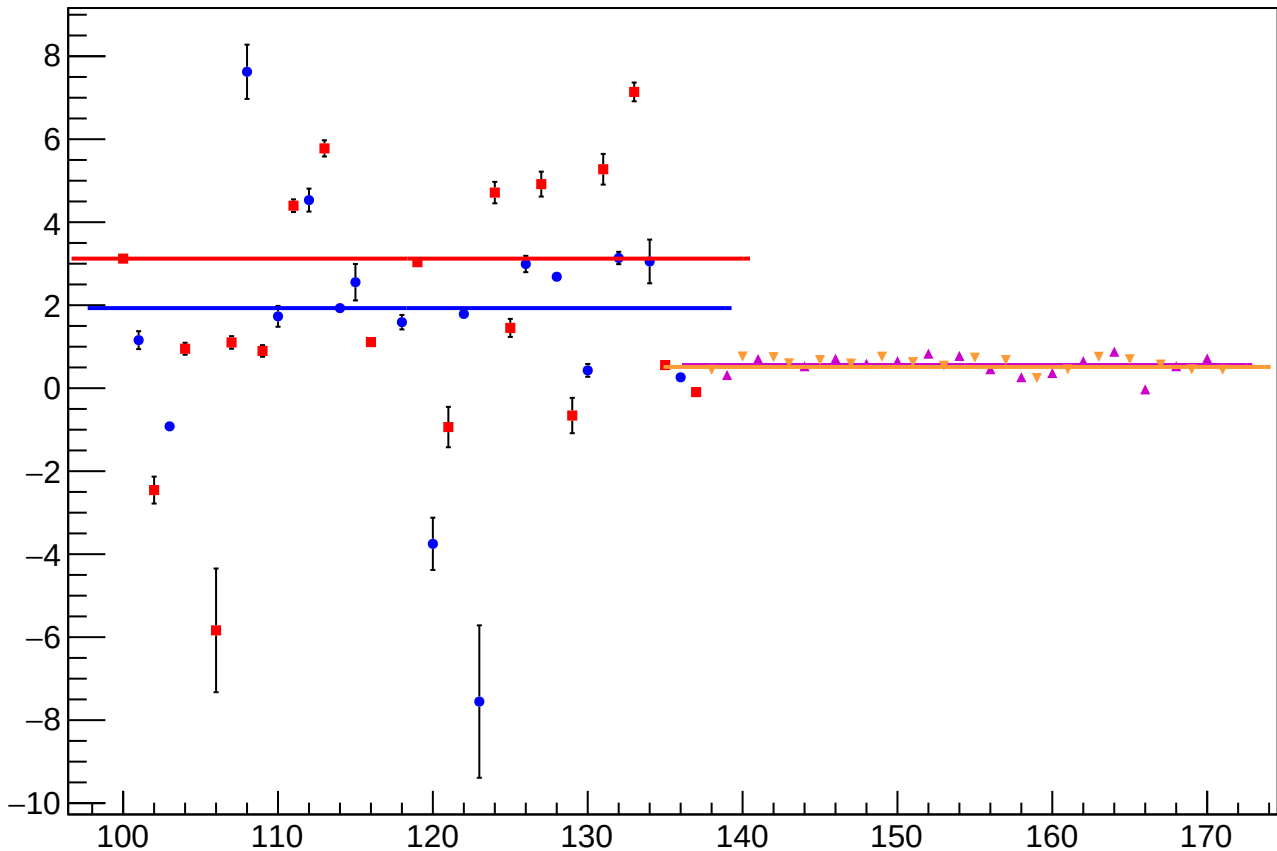
Left In: -242.676 ± 0.264 χ^2/NDF : 11611.3/15

+ sign -303.101 ± 0.189 χ^2/NDF : 154703.0/34

All: -498.692 ± 0.000 χ^2/NDF : 2696625.6/69

- sign -498.692 ± 0.000 χ^2/NDF : 1467315.9/34

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.512 ± 0.002 χ^2/NDF : 8093.1/17

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

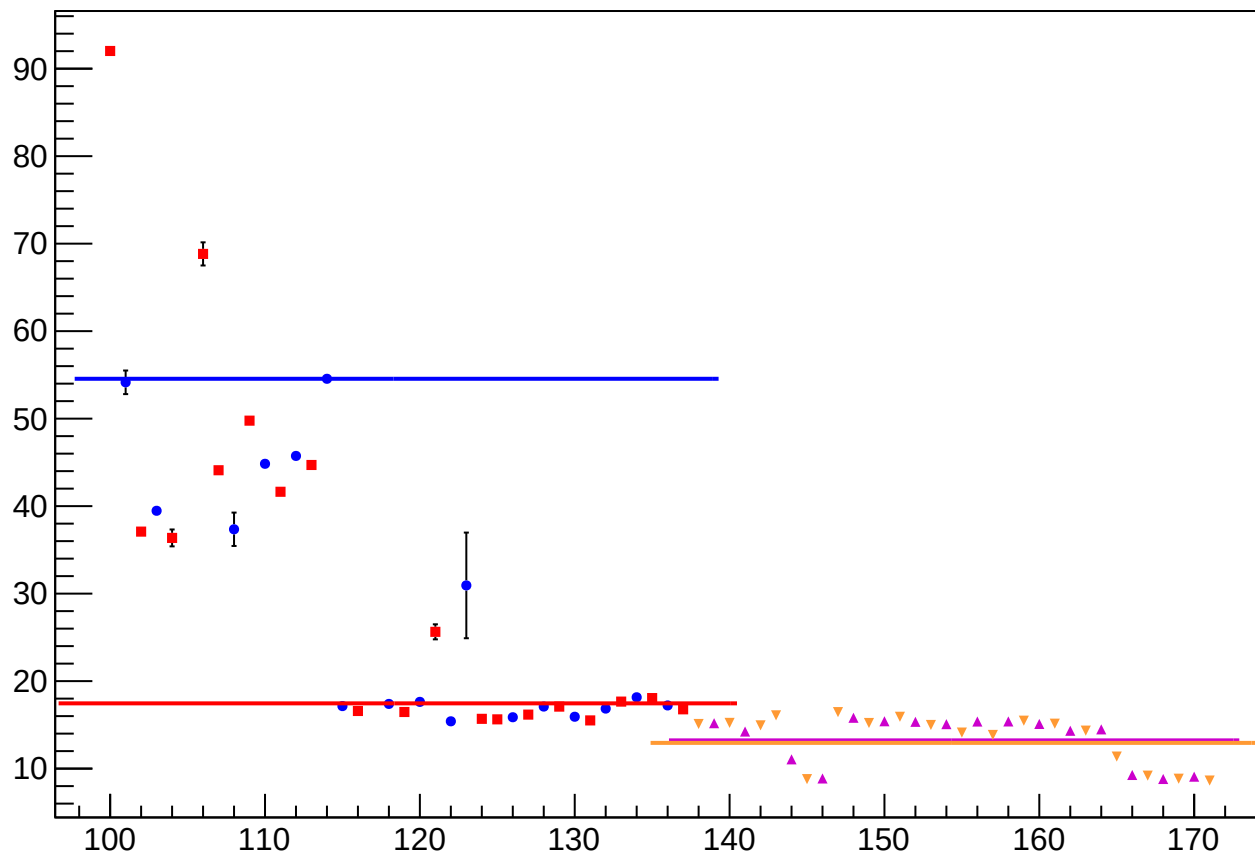
Left In: 0.558 ± 0.002 χ^2/NDF : 13284.0/15

+ sign 1.930 ± 0.000 χ^2/NDF : 538085.9/34

All: 2.073 ± 0.000 χ^2/NDF : 38099534578085

- sign 3.123 ± 0.000 χ^2/NDF : 2445399.4/34

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 12.941+/-0.007 χ^2/NDF : 202523.8/17

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

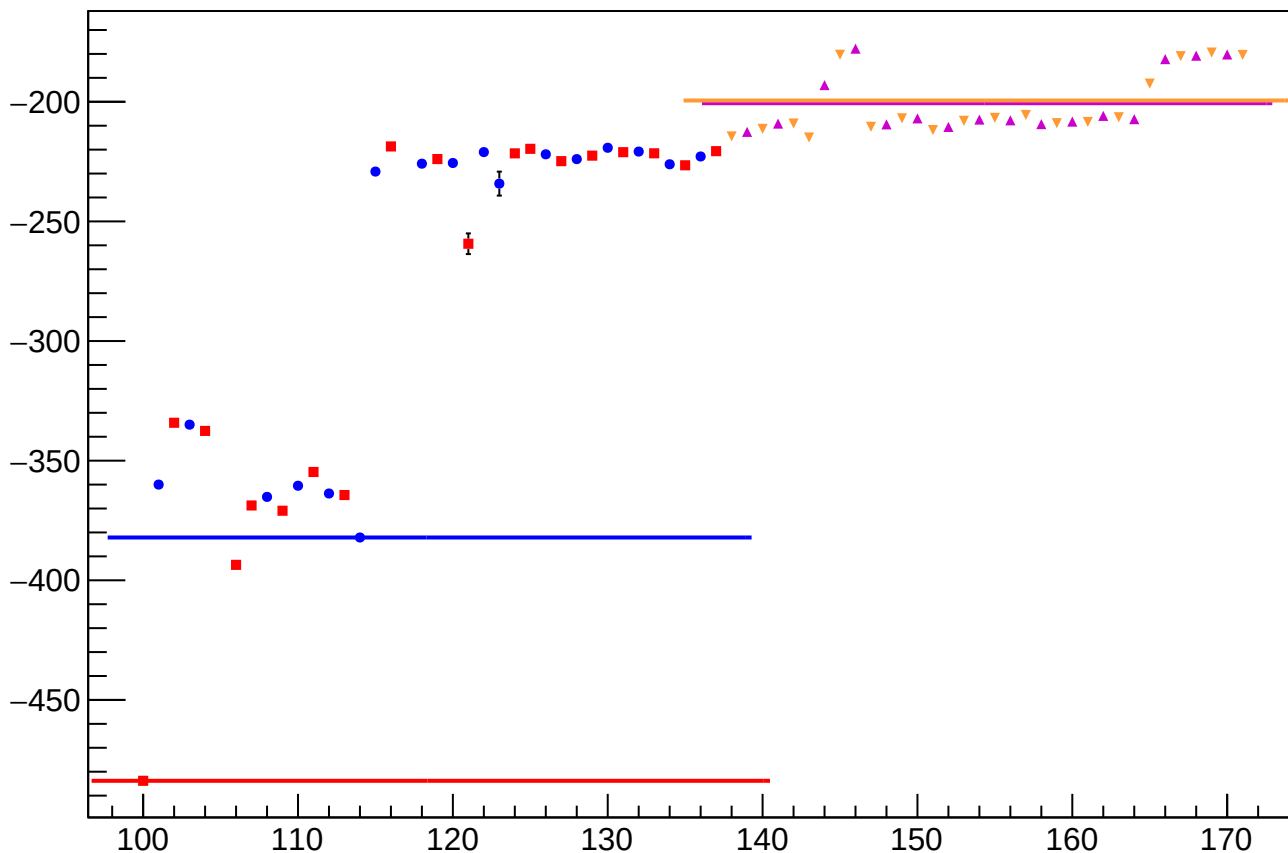
Left In: 13.227+/-0.007 χ^2/NDF : 187533.0/15

+ sign 54.556+/-0.000 χ^2/NDF : 43543950.3/34

All: 54.556+/-0.000 χ^2/NDF : 87468419.5/69

- sign 13.712+/-0.006 χ^2/NDF : 334255.6/34

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 18398024.3/16$

Left Out: -199.468 ± 0.015 $\chi^2/\text{NDF}: 833471.4/17$

Right Out: -483.800 ± 0.000 $\chi^2/\text{NDF}: 24338683.6/18$

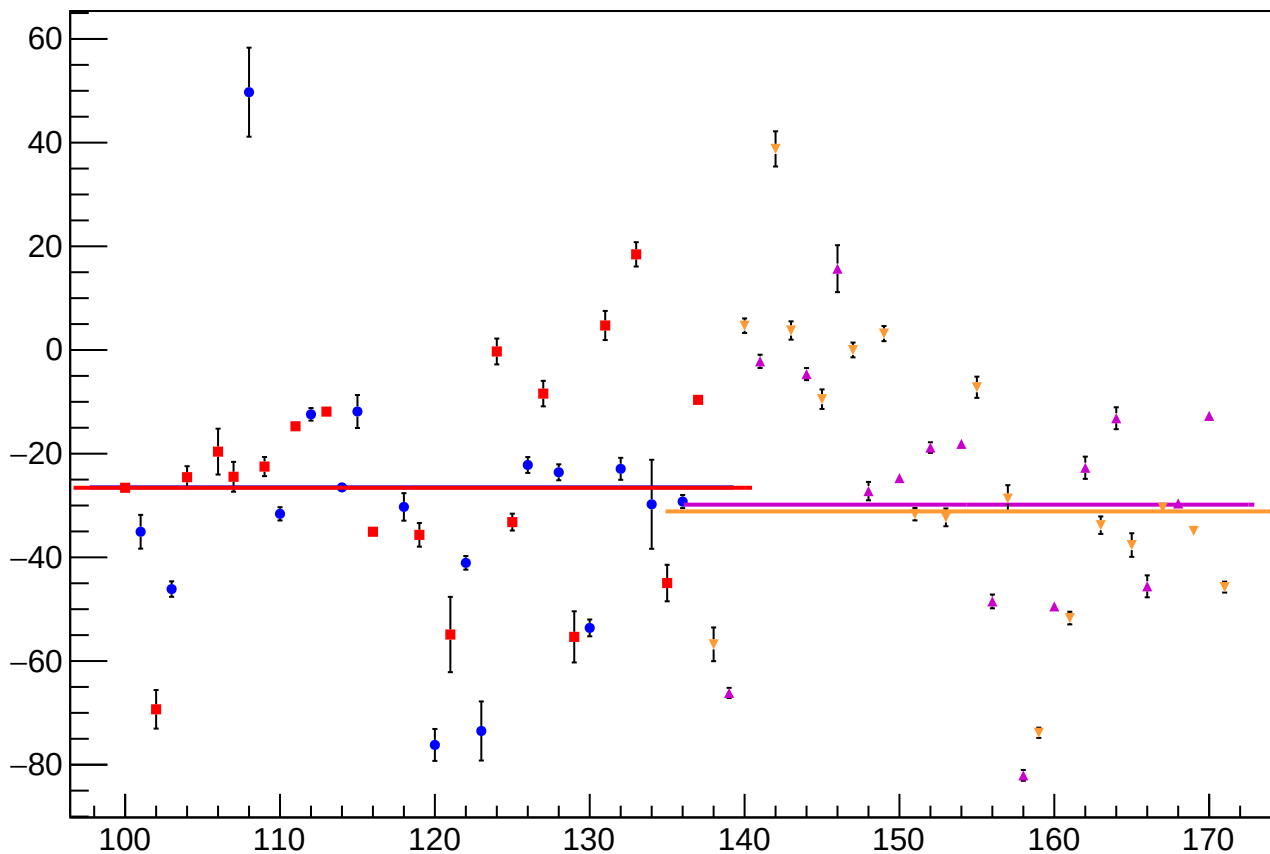
Left In: -200.599 ± 0.015 $\chi^2/\text{NDF}: 720900.1/15$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 167567486.5/34$

All: -417.999 ± 0.000 $\chi^2/\text{NDF}: 12425488813$

- sign -483.800 ± 0.000 $\chi^2/\text{NDF}: 399209698.8/34$

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -31.140 ± 0.304 χ^2/NDF : 5180.9/17

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

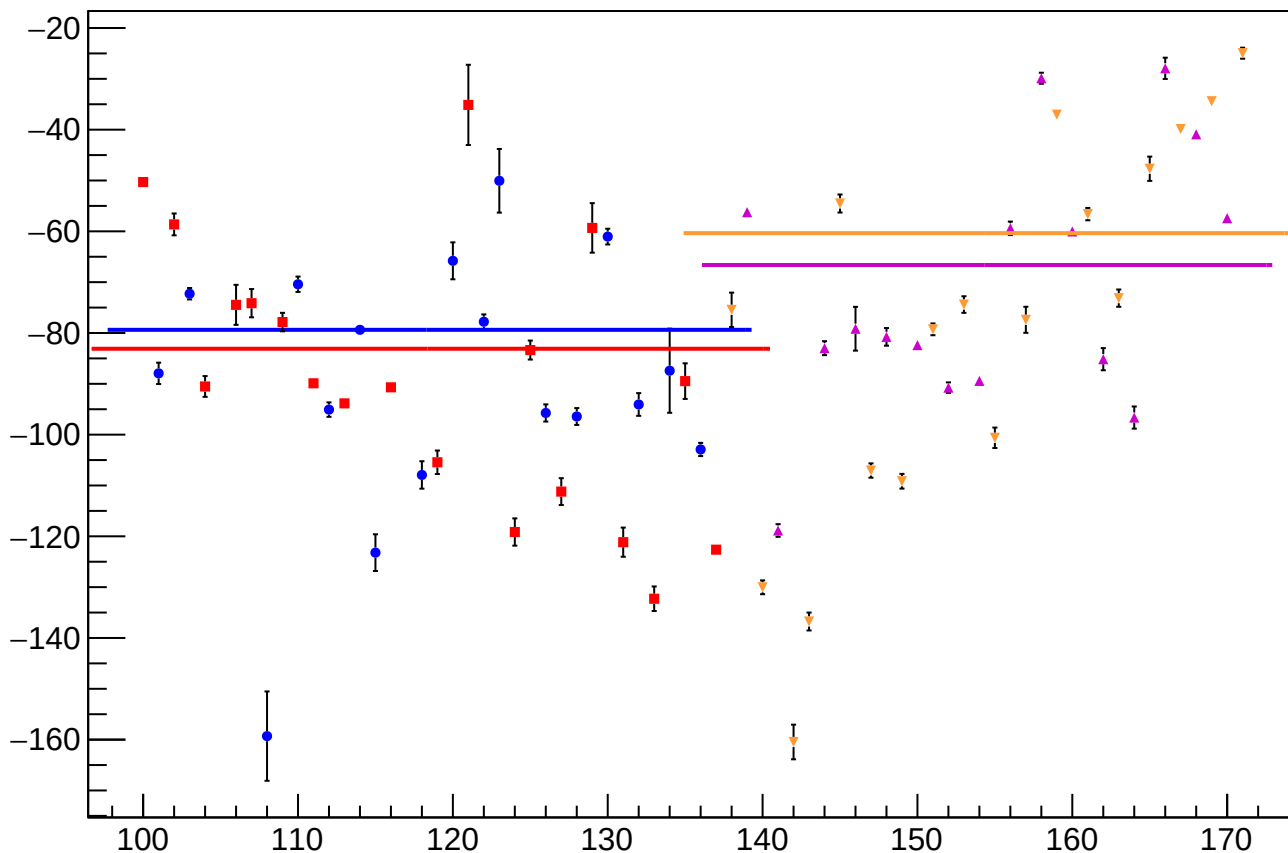
Left In: -29.834 ± 0.266 χ^2/NDF : 6798.5/15

+ sign -26.504 ± 0.000 χ^2/NDF : 6594.8/34

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 9589.3/34

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -60.356 ± 0.299 χ^2/NDF : 12283.6/17

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

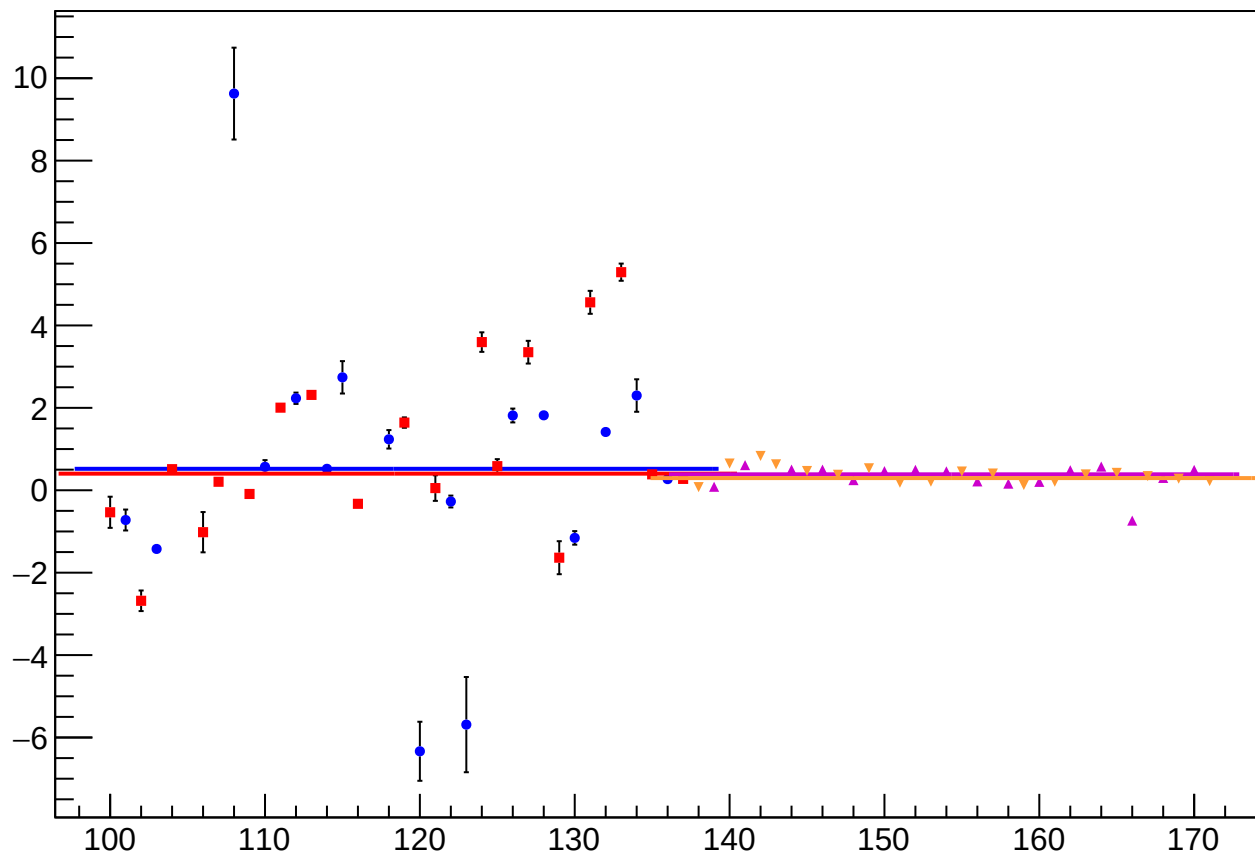
Left In: -66.625 ± 0.264 χ^2/NDF : 6901.8/15

+ sign -79.376 ± 0.000 χ^2/NDF : 17636.5/34

All: -79.376 ± 0.000 χ^2/NDF : 39222.9/69

- sign -77.944 ± 0.148 χ^2/NDF : 21492.4/34

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.295+/-0.002 χ^2/NDF : 6102.1/17

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

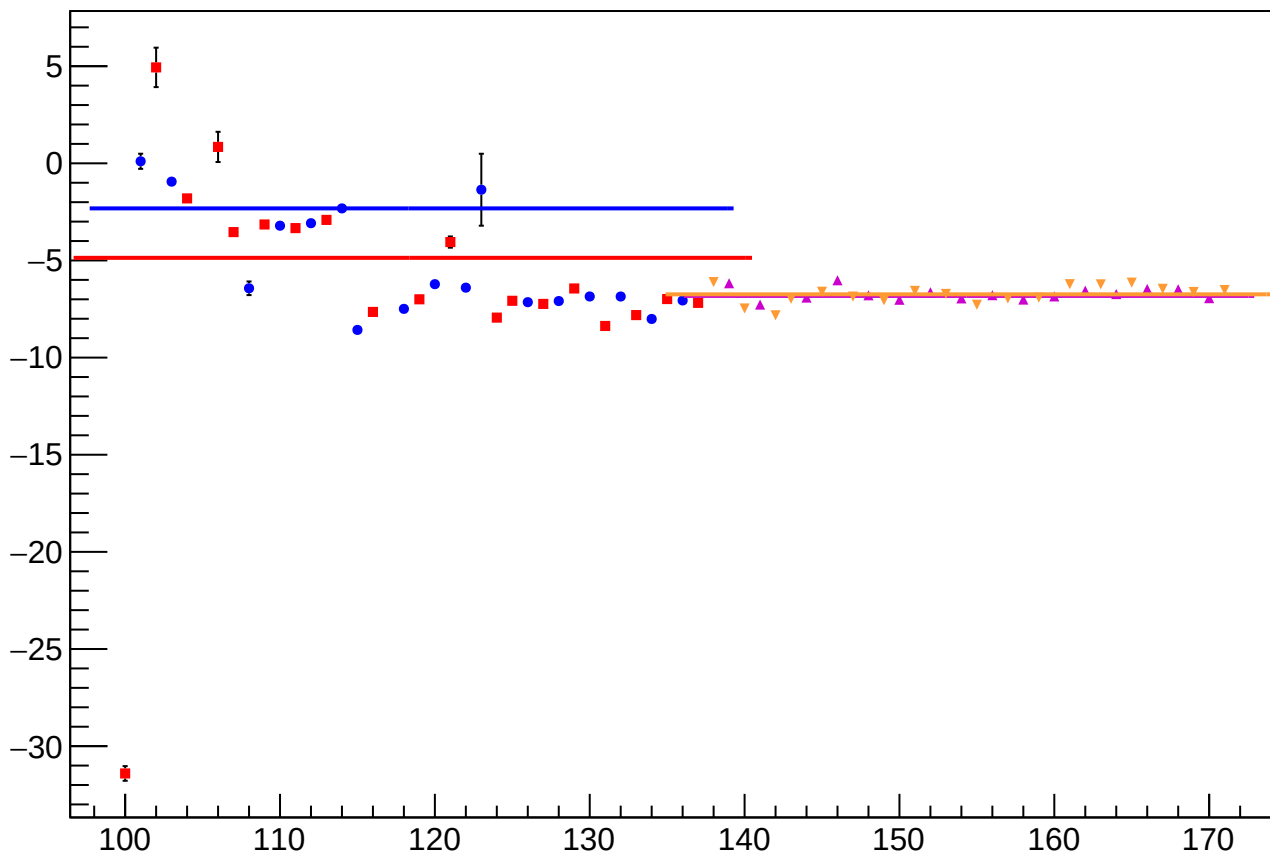
Left In: 0.387+/-0.002 χ^2/NDF : 9338.4/15

+ sign 0.521+/-0.000 χ^2/NDF : 22367.1/34

All: 0.521+/-0.000 χ^2/NDF : 40079.7/69

- sign 0.387+/-0.002 χ^2/NDF : 12068.1/34

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.743+/-0.003 χ^2/NDF : 8622.3/17

Right Out: -4.864+/-0.010 χ^2/NDF : 49380.5/18

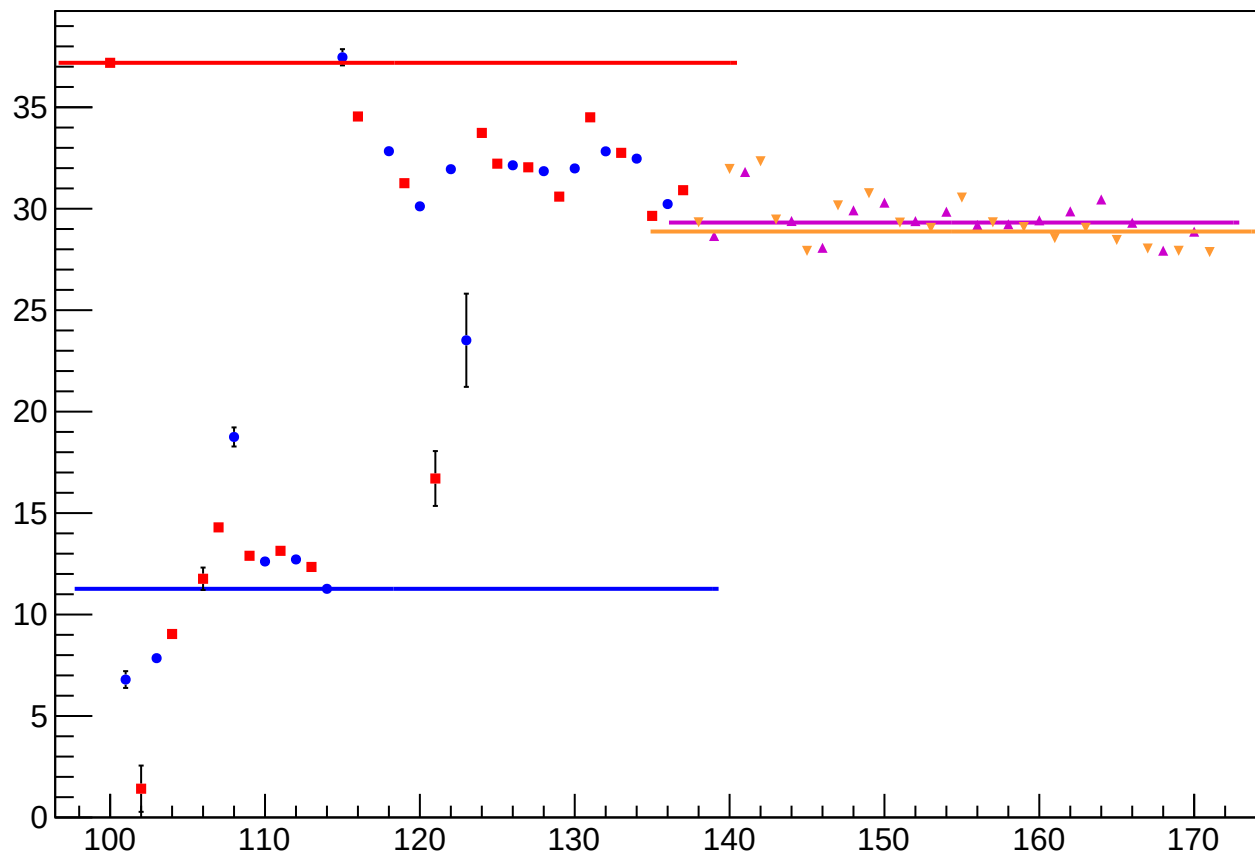
Left In: -6.824+/-0.003 χ^2/NDF : 8106.8/15

+ sign -2.320+/-0.000 χ^2/NDF : 3108699.1/34

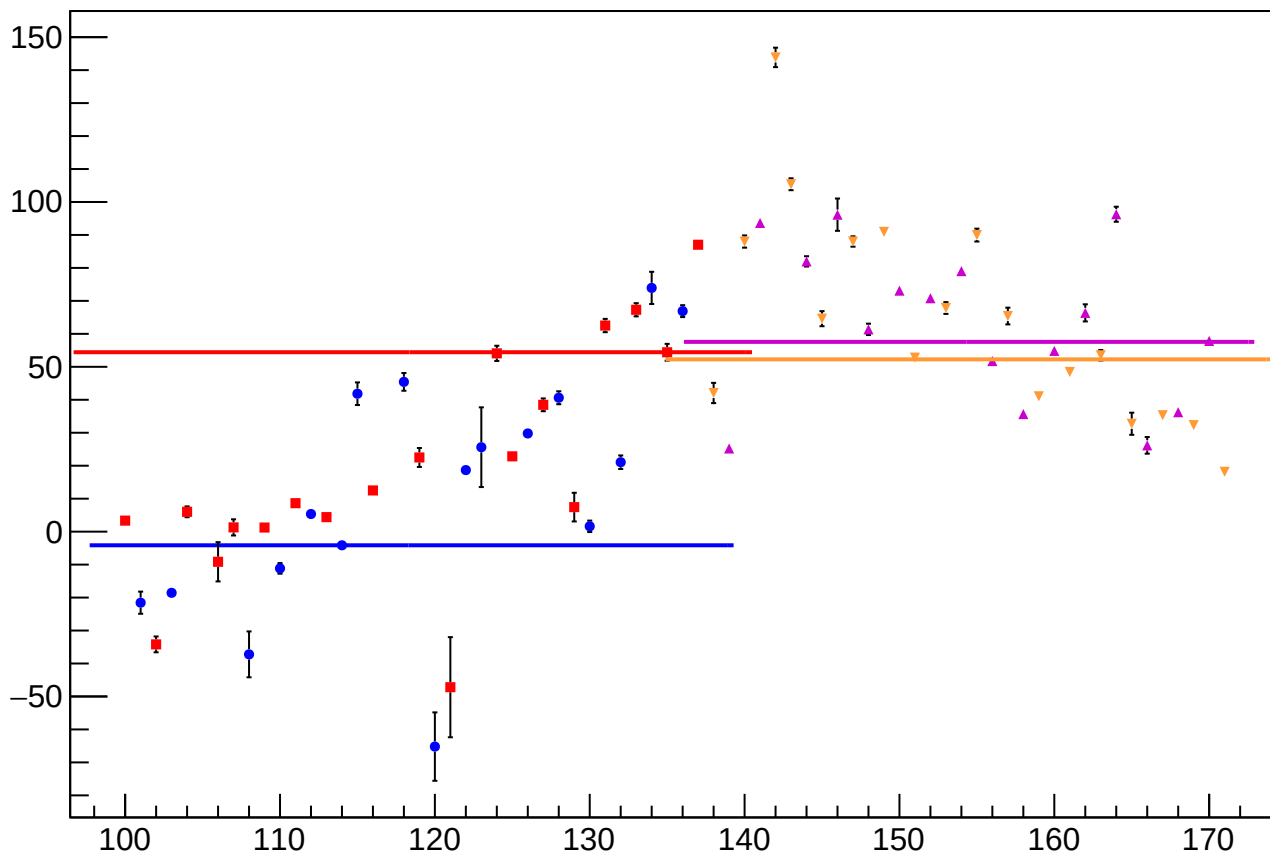
All: -2.320+/-0.000 χ^2/NDF : 6417637.1/69

- sign -6.714+/-0.002 χ^2/NDF : 91631.7/34

dit_sam3_4eY_slope vs Slug



dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 52.261 ± 0.332 χ^2/NDF : 5810.5/17

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

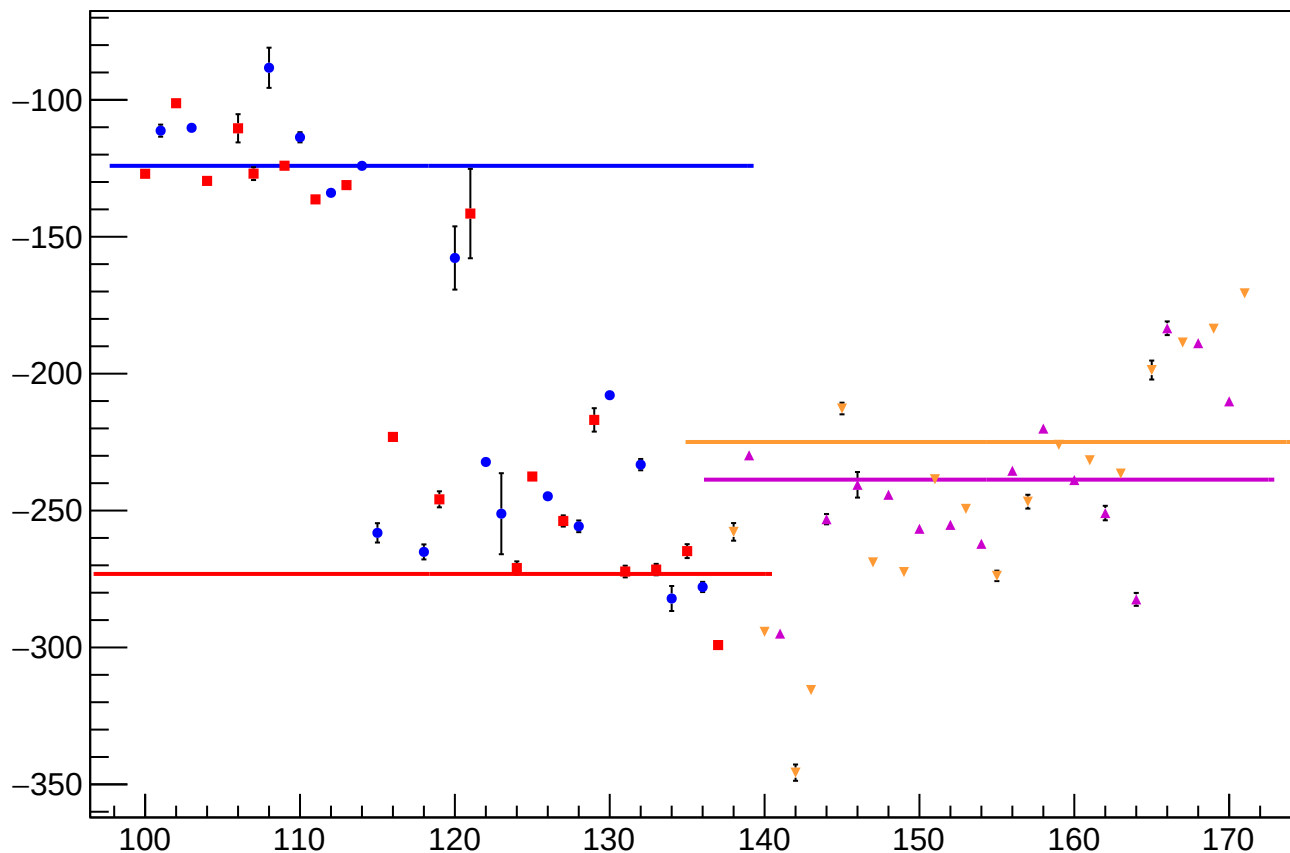
Left In: 57.567 ± 0.287 χ^2/NDF : 5242.4/15

+ sign -4.139 ± 0.000 χ^2/NDF : 39271.5/34

All: -4.139 ± 0.000 χ^2/NDF : 263276.1/69

- sign 55.246 ± 0.146 χ^2/NDF : 59330.0/34

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 38152.5/16$

Left Out: -224.954 ± 0.328 $\chi^2/\text{NDF}: 15024.2/17$

Right Out: -273.143 ± 0.113 $\chi^2/\text{NDF}: 280141.9/18$

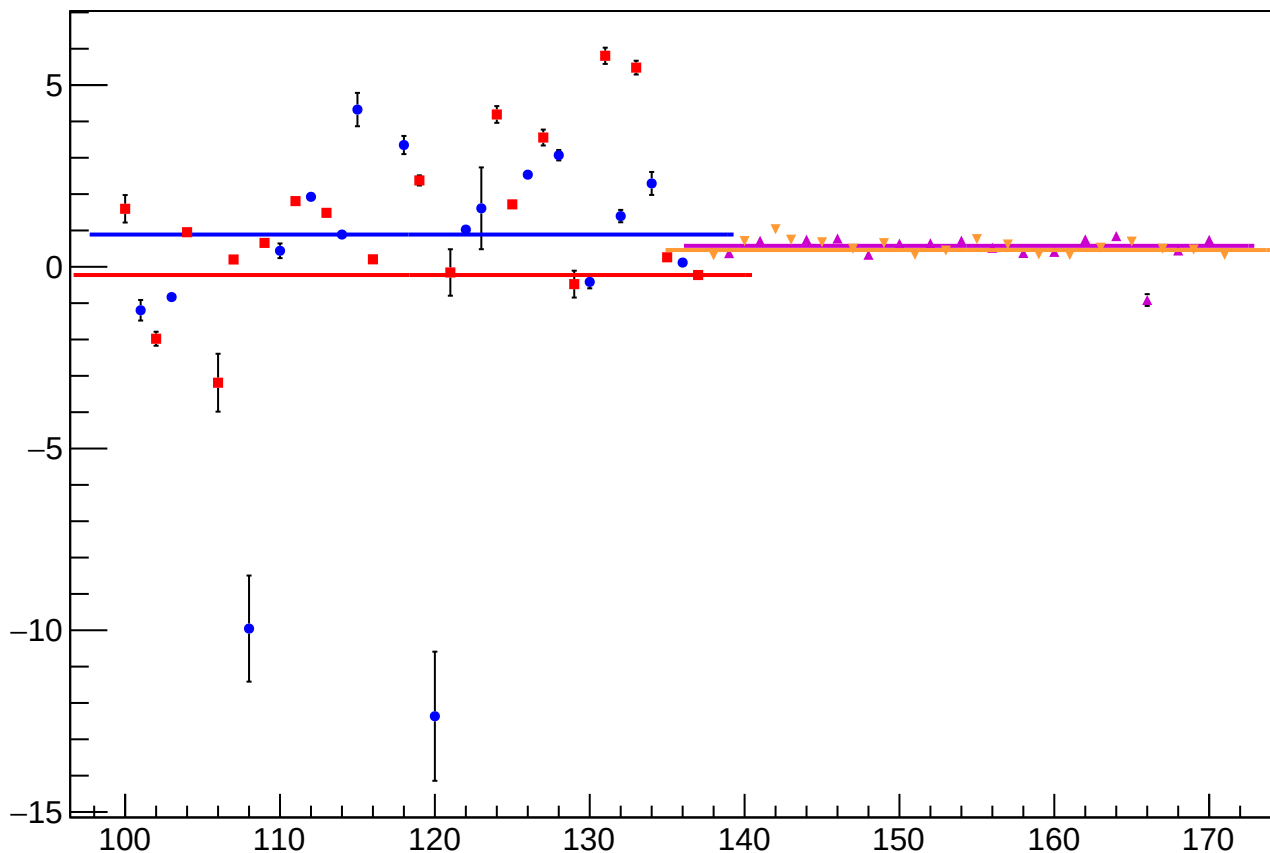
Left In: -238.709 ± 0.284 $\chi^2/\text{NDF}: 7952.6/15$

+ sign -124.095 ± 0.000 $\chi^2/\text{NDF}: 147940.8/34$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2347666.5/69$

- sign -268.450 ± 0.105 $\chi^2/\text{NDF}: 300814.0/34$

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF : 8672.0/16

Left Out: 0.461+/-0.002 χ^2/NDF : 4461.5/17

Right Out: -0.226+/-0.000 χ^2/NDF : 5031.1/18

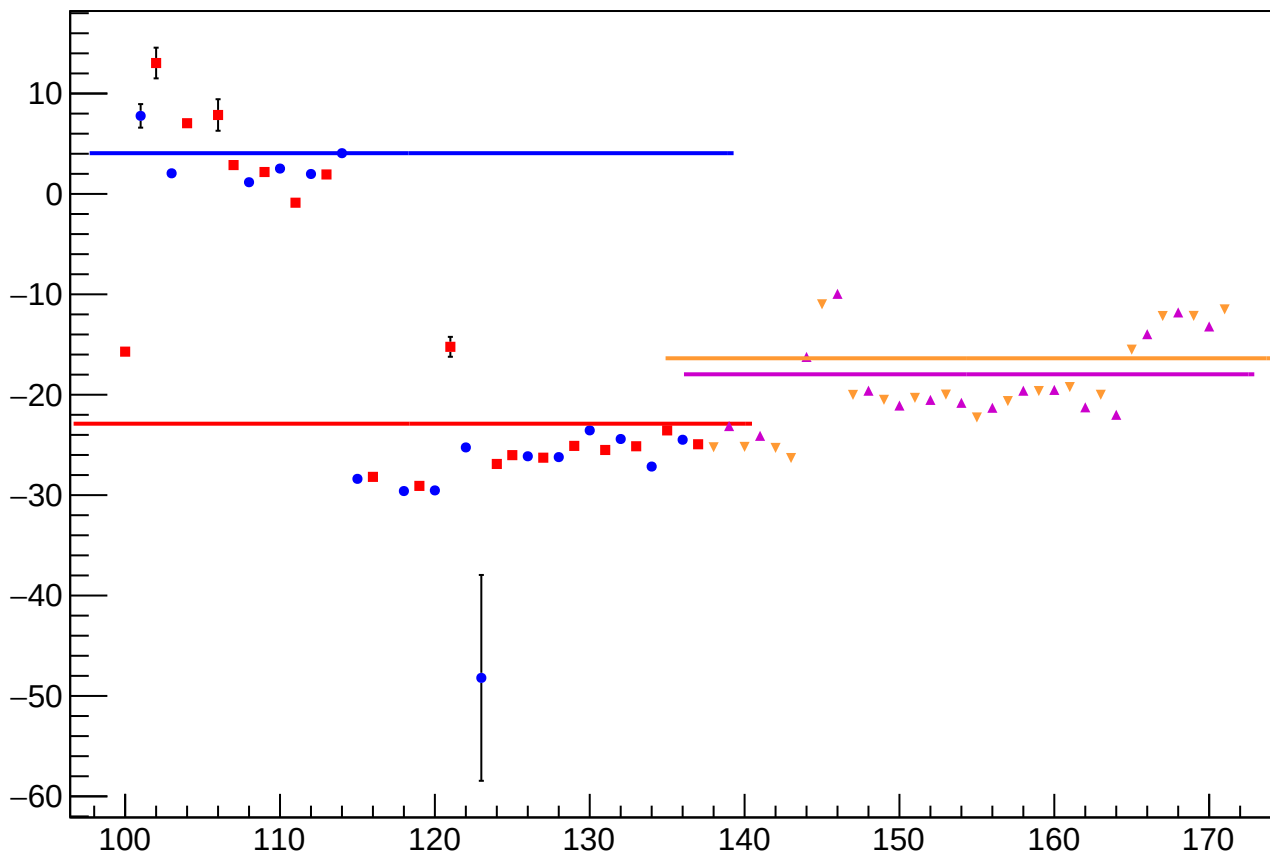
Left In: 0.577+/-0.002 χ^2/NDF : 4901.0/15

+ sign 0.888+/-0.000 χ^2/NDF : 46246.0/34

All: 0.888+/-0.000 χ^2/NDF : 422281841.0/69

- sign -0.226+/-0.000 χ^2/NDF : 136254.2/34

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -16.370+/-0.011 χ^2/NDF : 172373.7/17

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

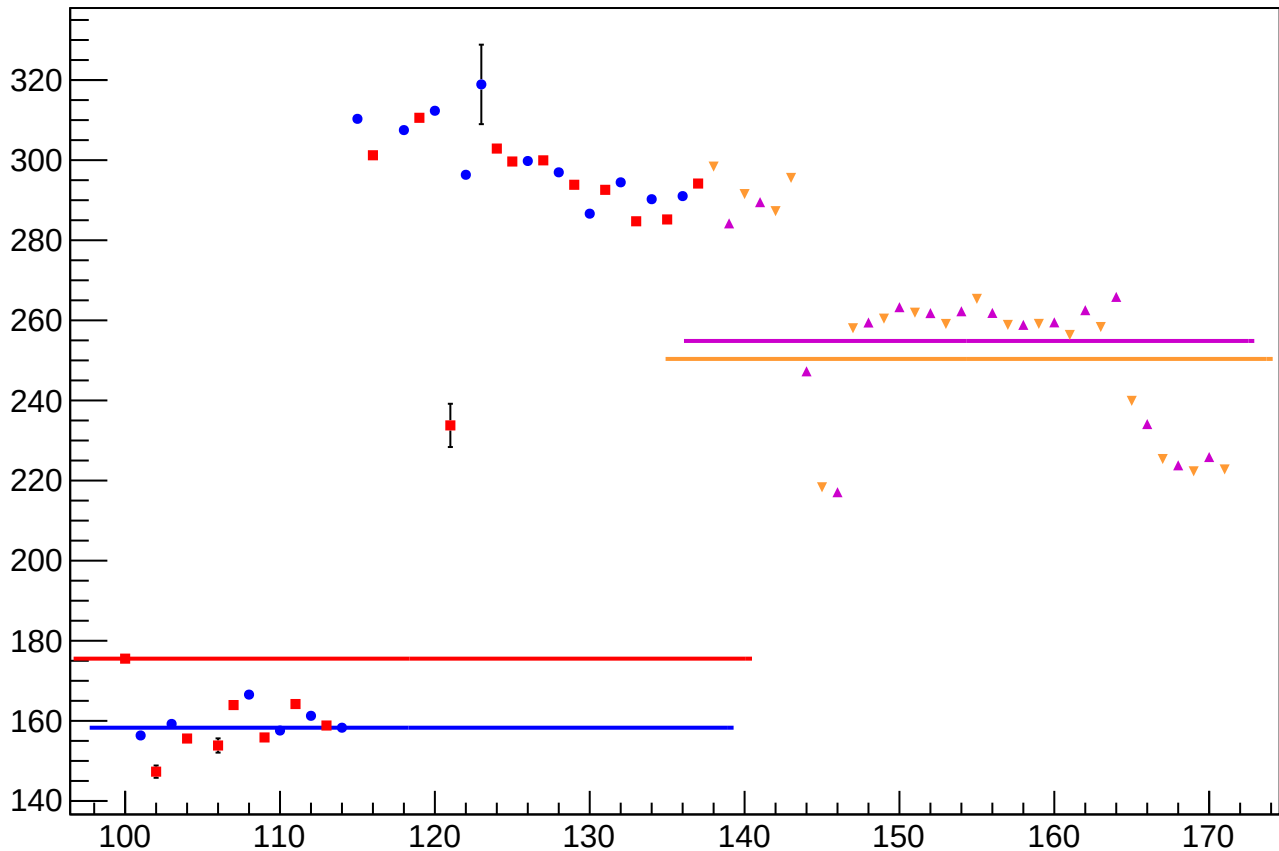
Left In: -17.965+/-0.010 χ^2/NDF : 132942.2/15

+ sign 4.057+/-0.000 χ^2/NDF : 4973457.6/34

All: 4.057+/-0.000 χ^2/NDF : 11100820.8/69

- sign -18.588+/-0.009 χ^2/NDF : 279968.3/34

dit_sam4_4eY_slope vs Slug



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 250.371 $\pm$ 0.031 χ^2 /NDF: 566476.1/17

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

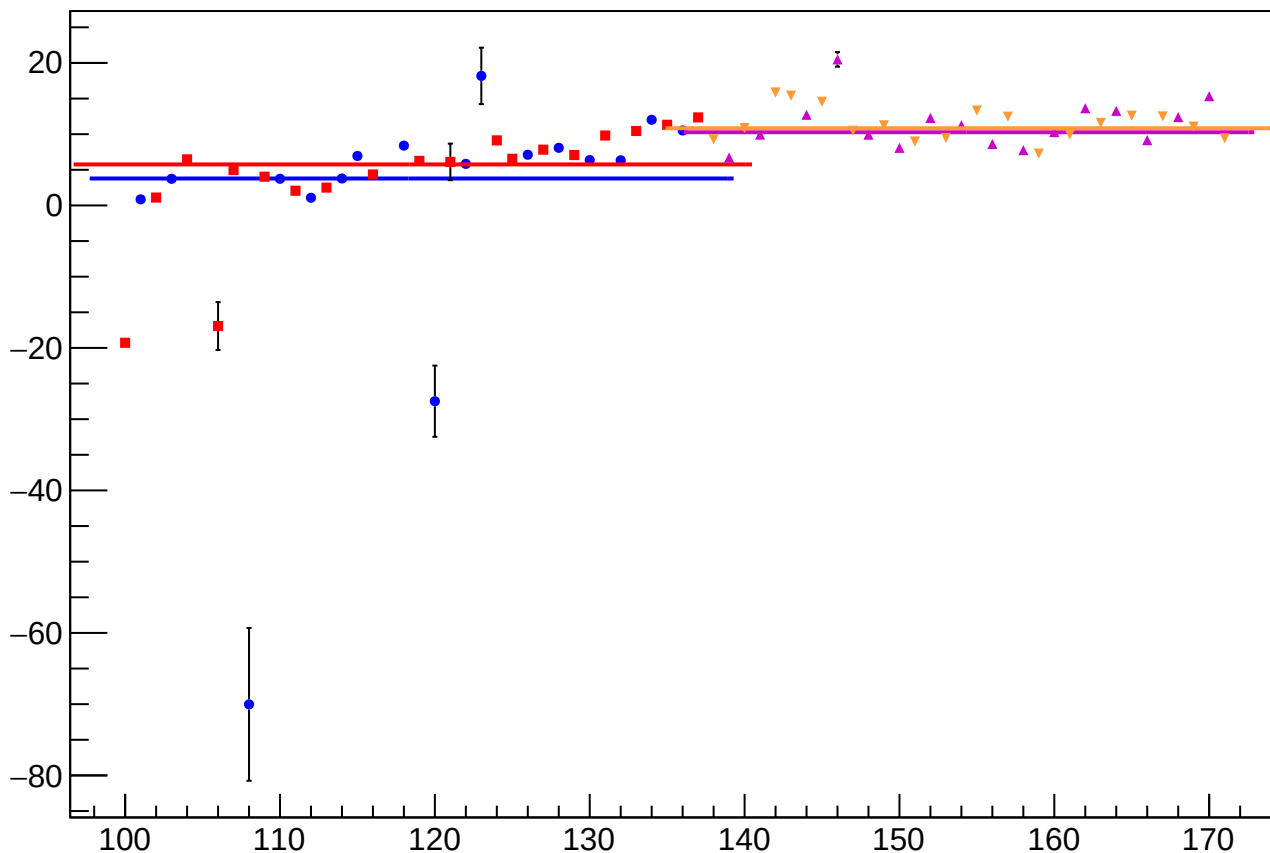
Left In: 254.857 $\pm$ 0.030 χ^2 /NDF: 259271.6/15

+ sign 158.293 $\pm$ 0.000 χ^2 /NDF: 11996456.8/34

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

- sign 175.536 $\pm$ 0.000 χ^2 /NDF: 9440182.3/34

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.832 ± 0.033 χ^2/NDF : 2356.4/17

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

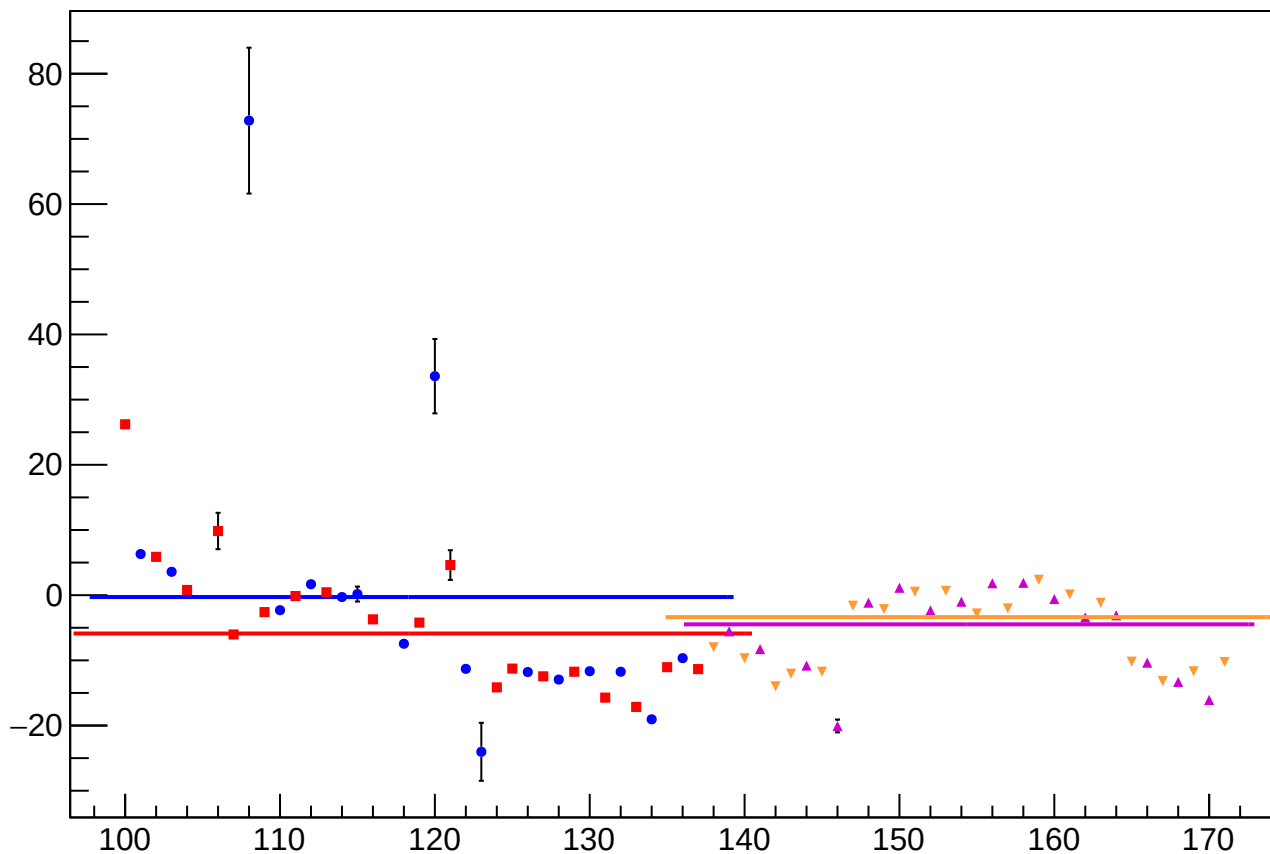
Left In: 10.276 ± 0.031 χ^2/NDF : 7947.6/15

+ sign 3.778 ± 0.000 χ^2/NDF : 53986.1/34

All: 3.778 ± 0.000 χ^2/NDF : 134426.7/69

- sign 7.611 ± 0.020 χ^2/NDF : 42880.7/34

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -3.371 ± 0.033 χ^2/NDF : 19579.3/17

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

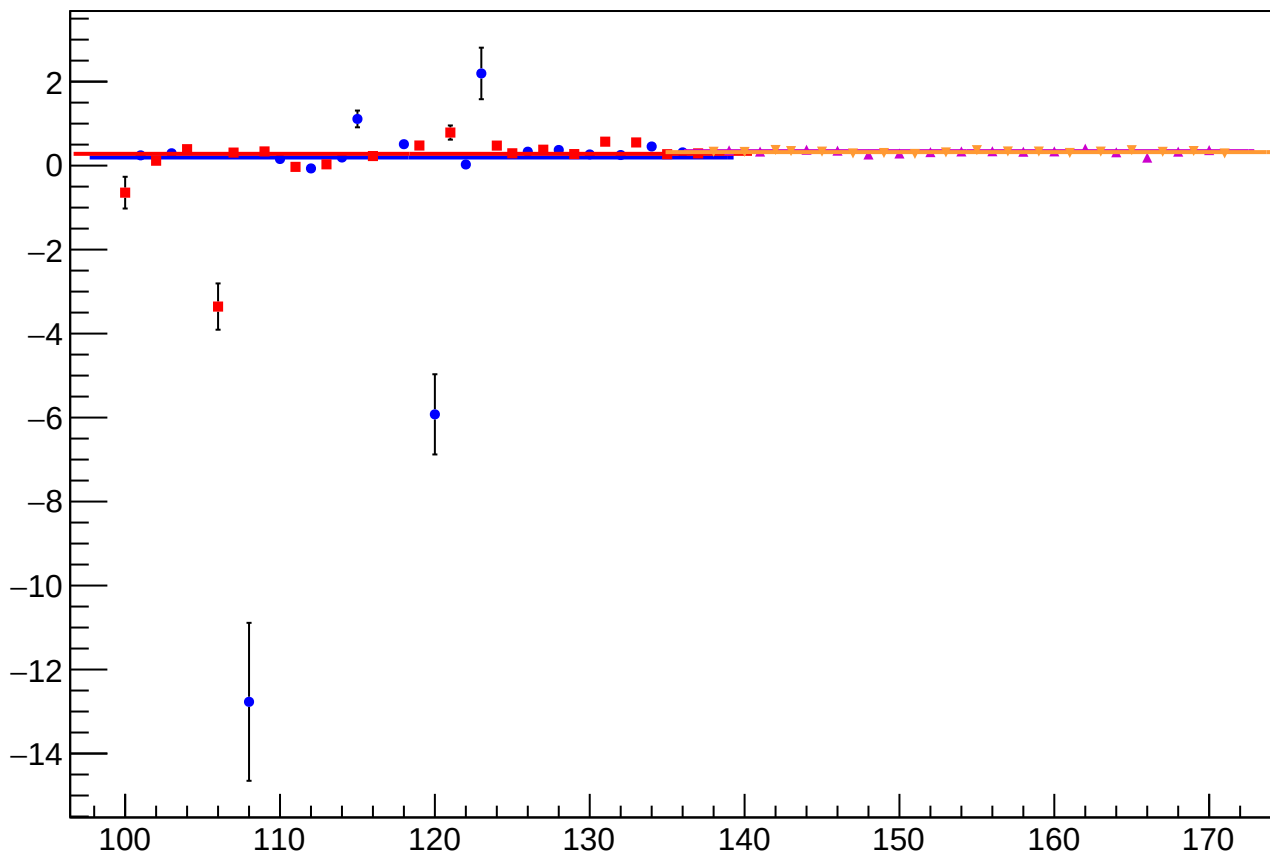
Left In: -4.474 ± 0.031 χ^2/NDF : 39296.5/15

+ sign -0.287 ± 0.000 χ^2/NDF : 72455.0/34

All: -0.287 ± 0.000 χ^2/NDF : 235513.6/69

- sign -5.274 ± 0.021 χ^2/NDF : 103945.8/34

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.321+/-0.001 χ^2/NDF : 1685.6/17

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

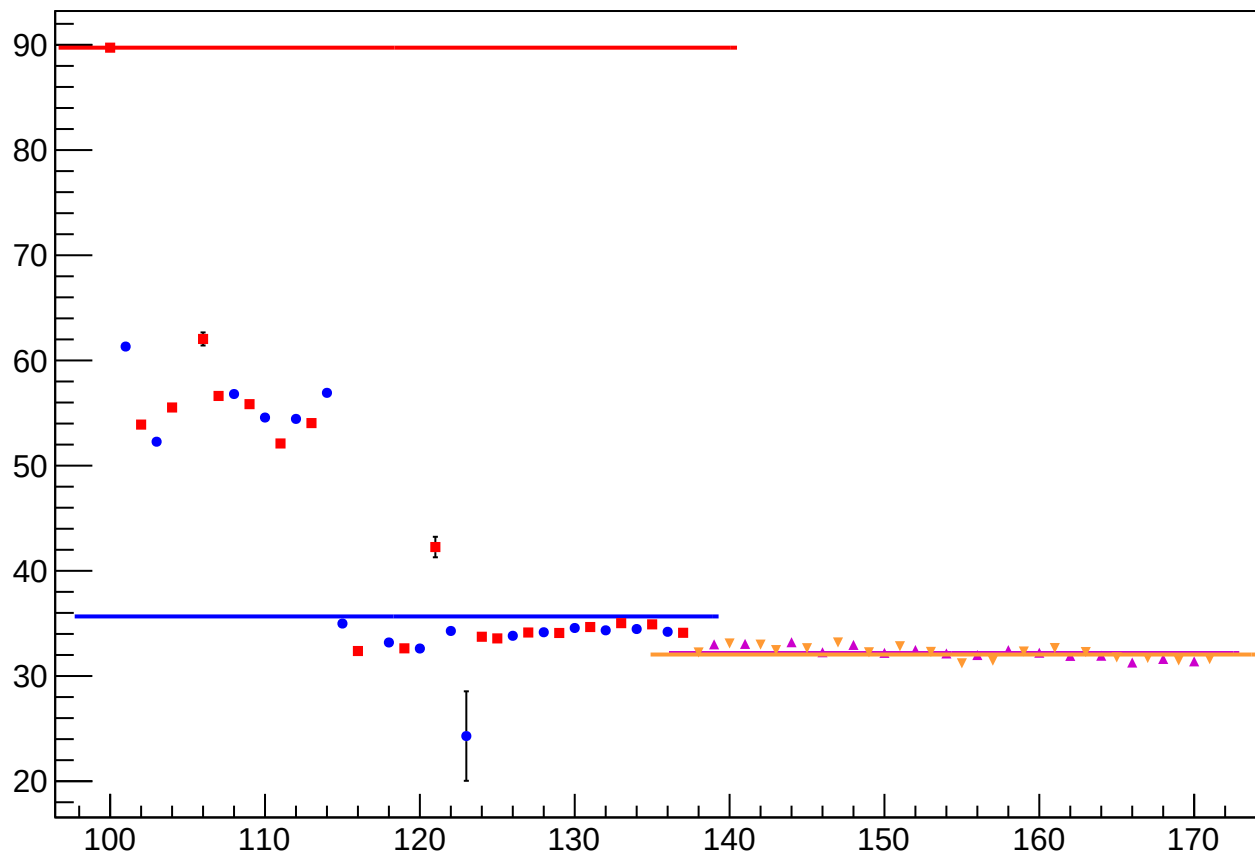
Left In: 0.345+/-0.001 χ^2/NDF : 3352.3/15

+ sign 0.193+/-0.000 χ^2/NDF : 59613.7/34

All: 0.193+/-0.000 χ^2/NDF : 141248.8/69

- sign 0.336+/-0.001 χ^2/NDF : 11047.9/34

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.043 $\pm$ 0.003 χ^2 /NDF: 20014.7/17

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

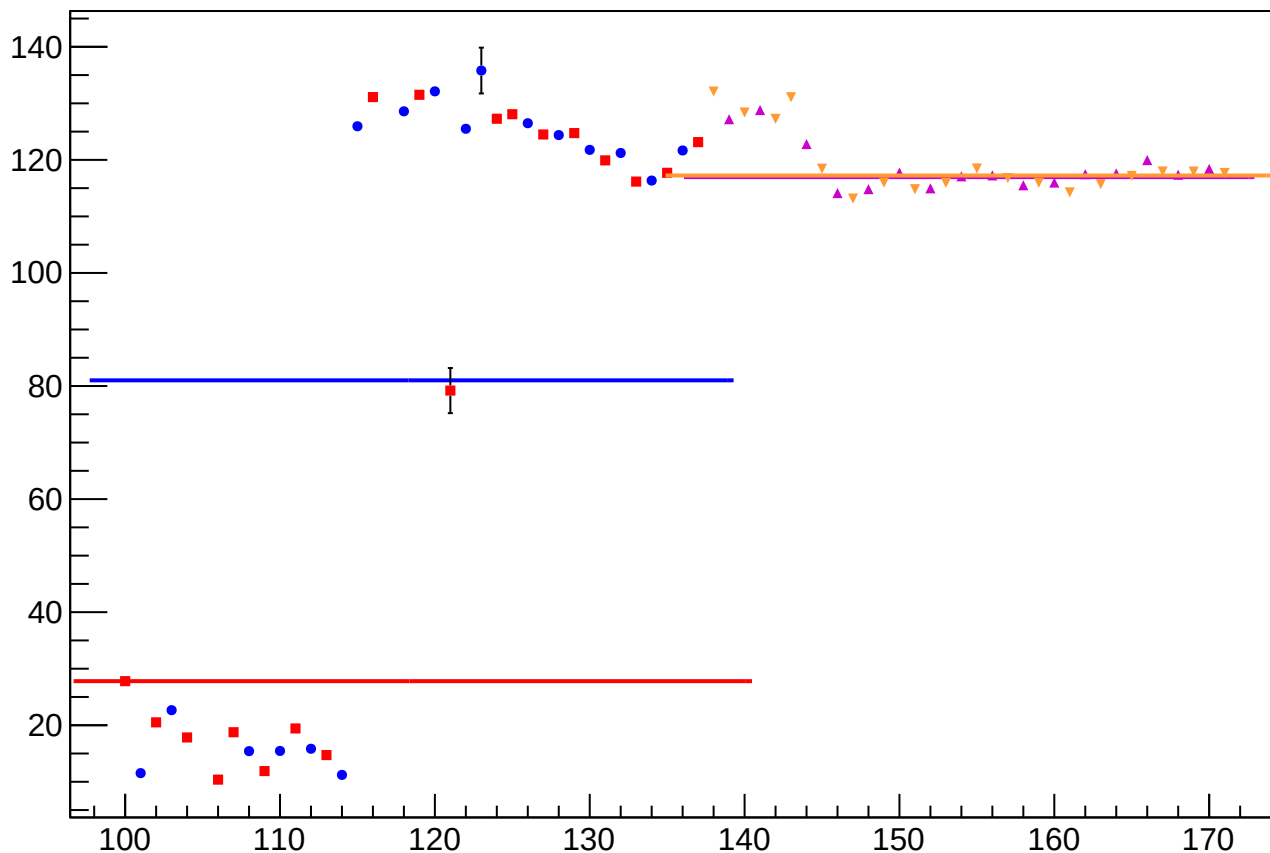
Left In: 32.186 $\pm$ 0.004 χ^2 /NDF: 11170.1/15

+ sign 32.333 $\pm$ 0.003 χ^2 /NDF: 332047.3/34

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 588299965.7/69

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 268937561.4/34

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 $\chi^2/\text{NDF}: 2228881.4/16$

Left Out: 117.240 $\pm$ 0.008 $\chi^2/\text{NDF}: 141619.3/17$

Right Out: 27.798 $\pm$ 0.000 $\chi^2/\text{NDF}: 9183707.8/18$

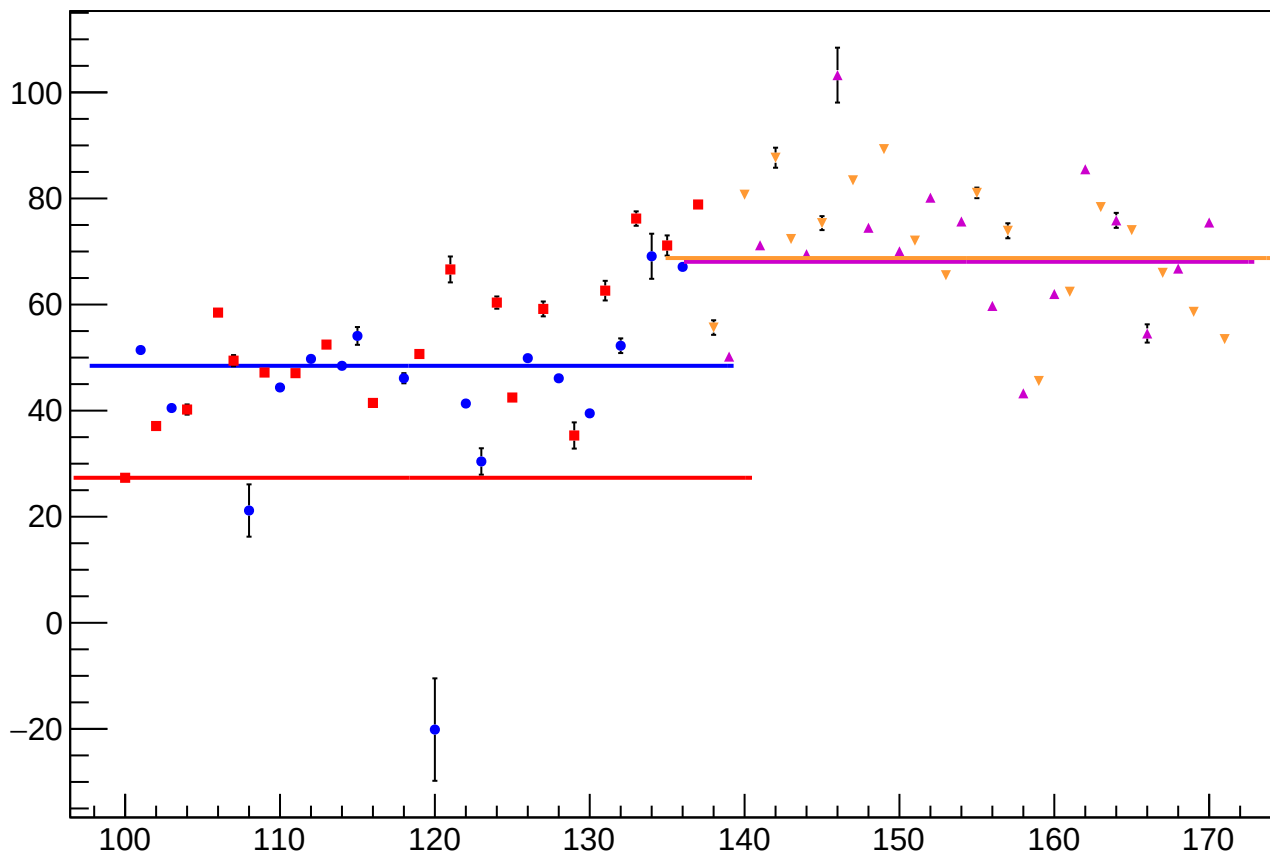
Left In: 116.952 $\pm$ 0.009 $\chi^2/\text{NDF}: 43094.1/15$

+ sign 115.326 $\pm$ 0.008 $\chi^2/\text{NDF}: 3413403.2/34$

All: 27.798 $\pm$ 0.000 $\chi^2/\text{NDF}: 227914992.0/69$

- sign 27.798 $\pm$ 0.000 $\chi^2/\text{NDF}: 102866996.8/34$

dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 68.766 $\pm$ 0.177 χ^2 /NDF: 4771.6/17

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

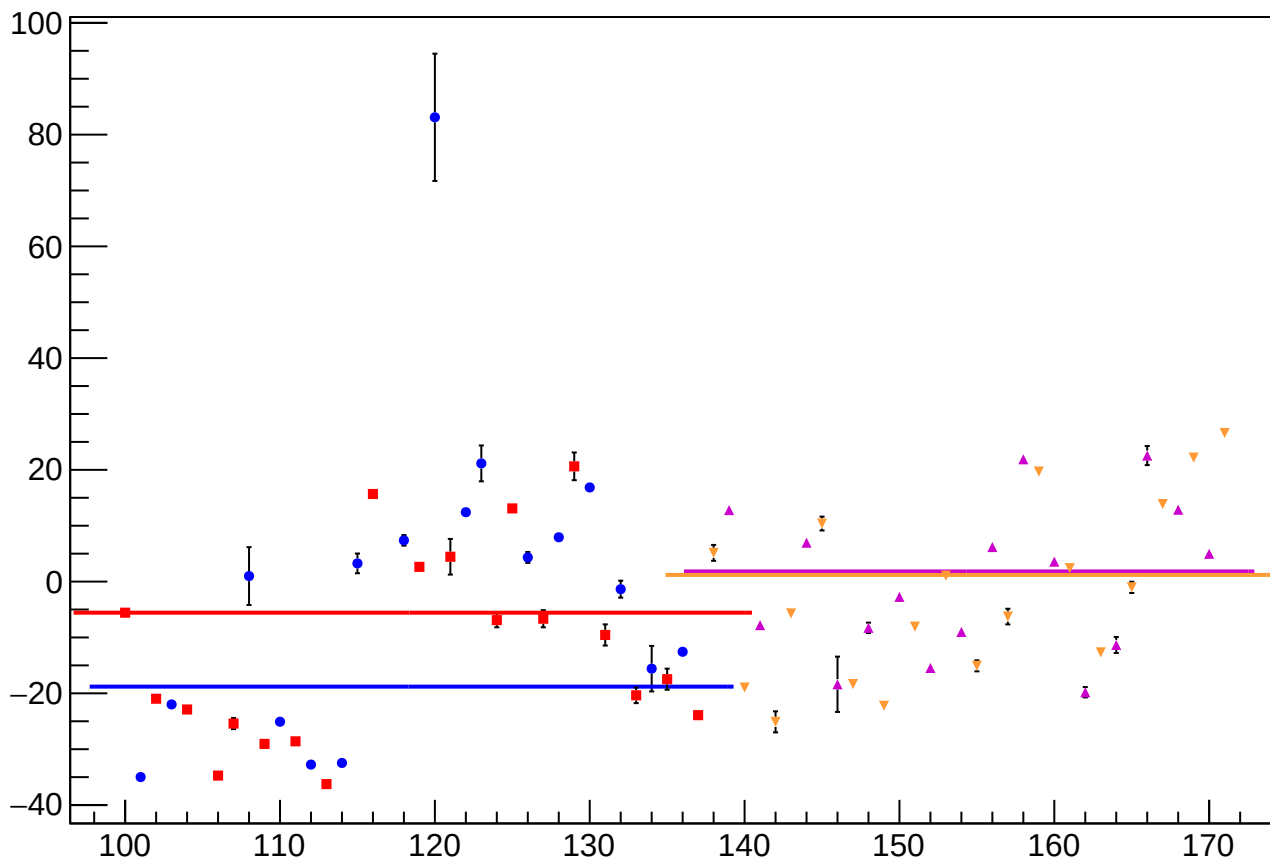
Left In: 68.058 $\pm$ 0.150 χ^2 /NDF: 4896.8/15

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 20770.3/34

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 104511.4/34

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: 1.194 ± 0.176 χ^2/NDF : 8096.9/17

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

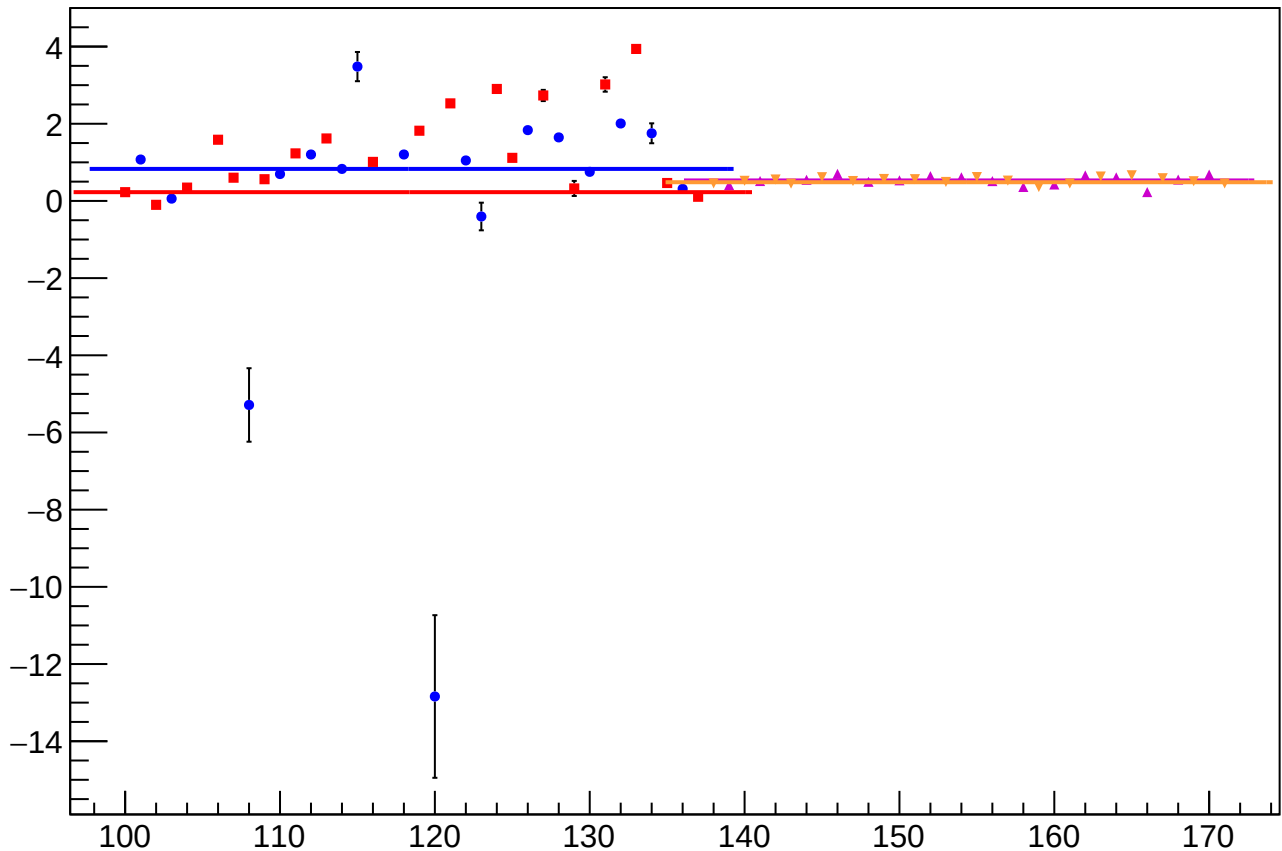
Left In: 1.818 ± 0.149 χ^2/NDF : 4721.6/15

+ sign -10.487 ± 0.113 χ^2/NDF : 27405.3/34

All: -5.568 ± 0.000 χ^2/NDF : 59554.9/69

- sign -5.568 ± 0.000 χ^2/NDF : 30269.9/34

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.485 ± 0.001 χ^2/NDF : 6403.5/17

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

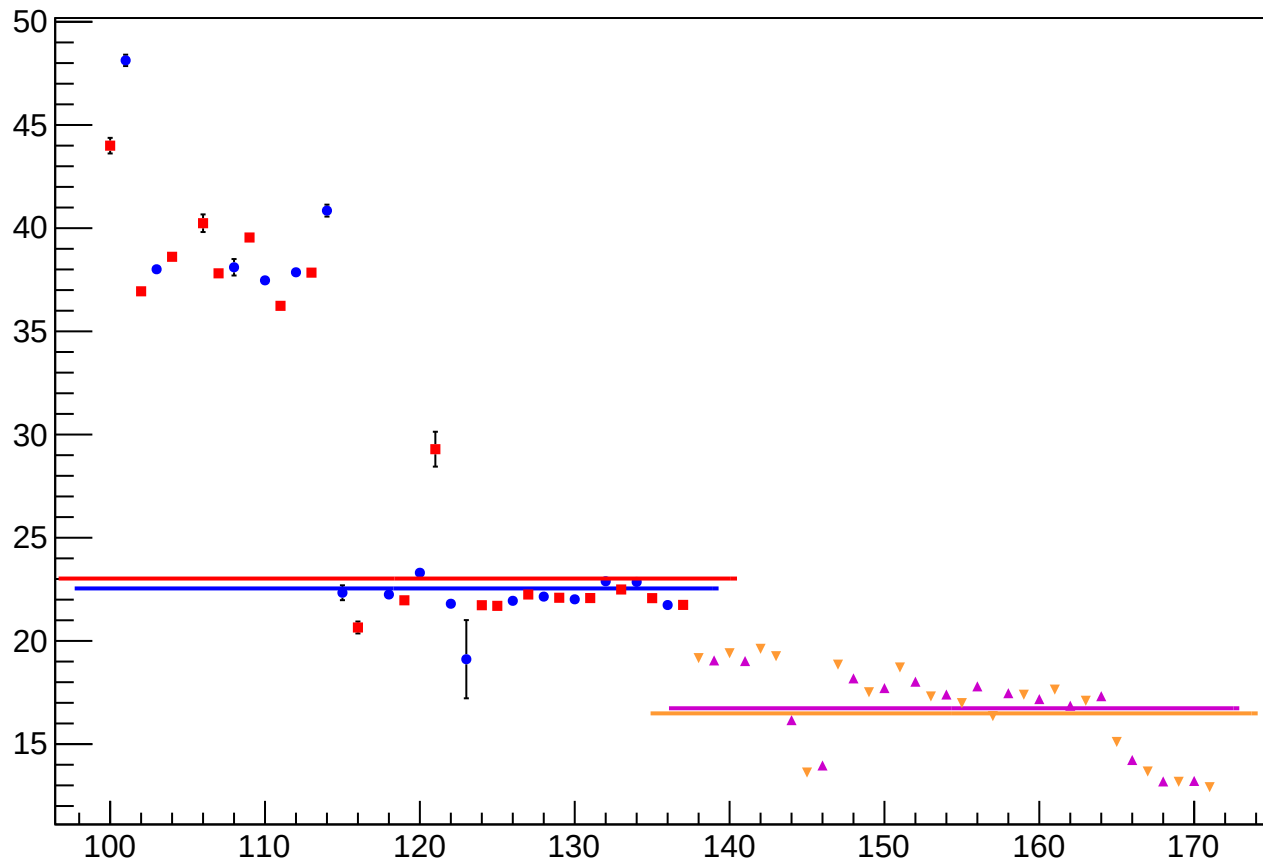
Left In: 0.531 ± 0.001 χ^2/NDF : 9893.6/15

+ sign 0.830 ± 0.000 χ^2/NDF : 114220.5/34

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 101005.1/34

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 16.489 $\pm$ 0.005 χ^2 /NDF: 201803.8/17

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

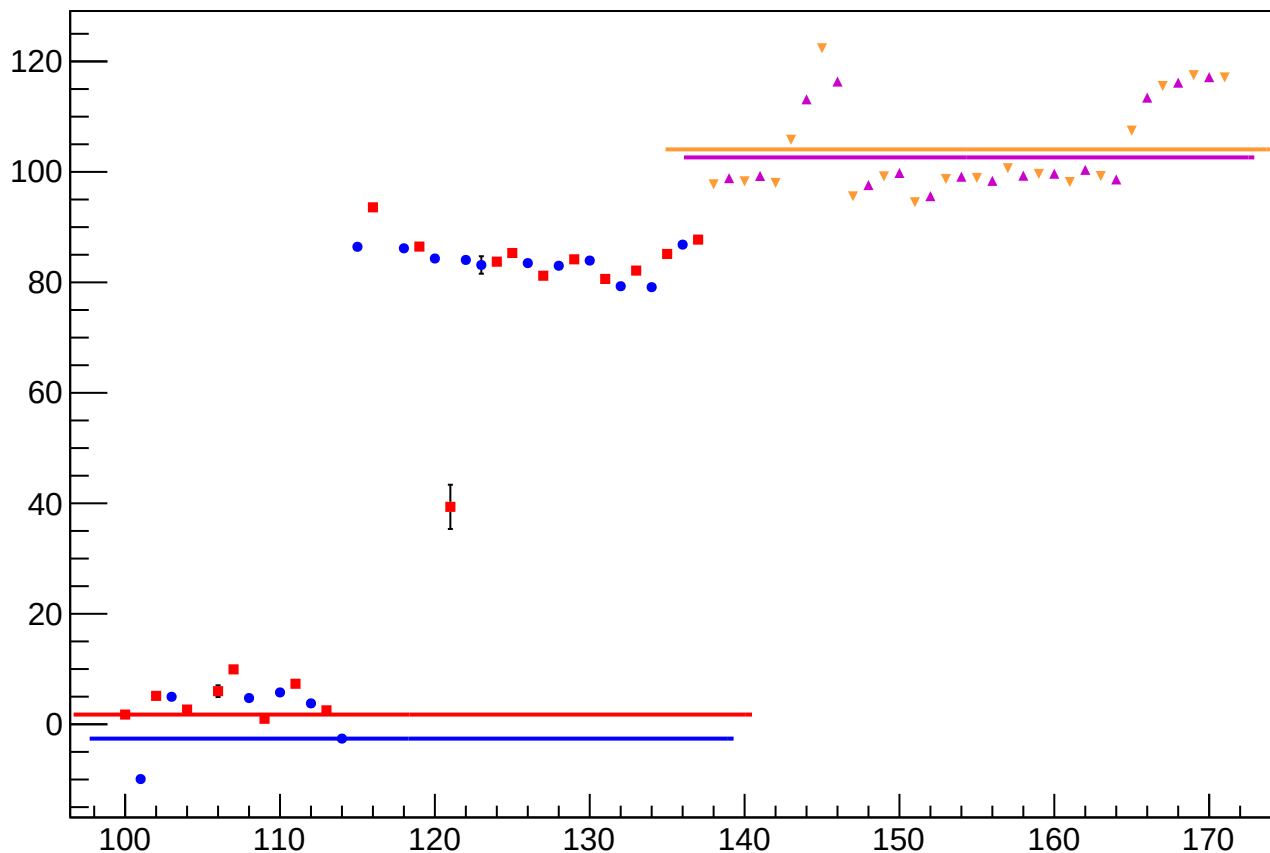
Left In: 16.737 $\pm$ 0.006 χ^2 /NDF: 103132.2/15

+ sign 17.889 $\pm$ 0.004 χ^2 /NDF: 632340.5/34

All: 18.246 $\pm$ 0.003 χ^2 /NDF: 1247715.0/69

- sign 18.702 $\pm$ 0.005 χ^2 /NDF: 600883.3/34

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 104.073+/-0.011 χ^2/NDF : 594233.2/17

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

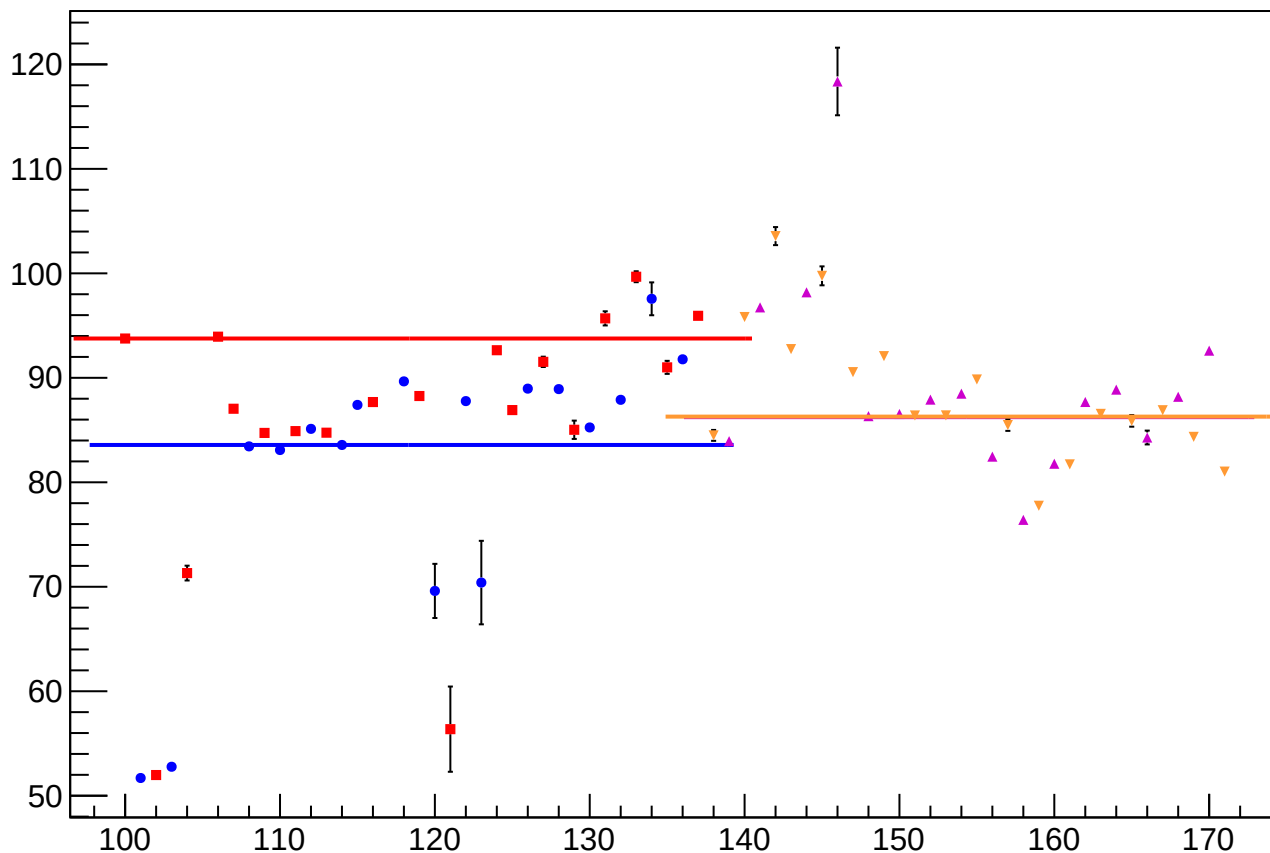
Left In: 102.620+/-0.011 χ^2/NDF : 418871.2/15

+ sign -2.596+/-0.000 χ^2/NDF : 101432155.1/34

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 83129163.9/34

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 49468.0/16

Left Out: 86.287+/-0.071 χ^2 /NDF: 5869.6/17

Right Out: 93.762+/-0.000 χ^2 /NDF: 82848.8/18

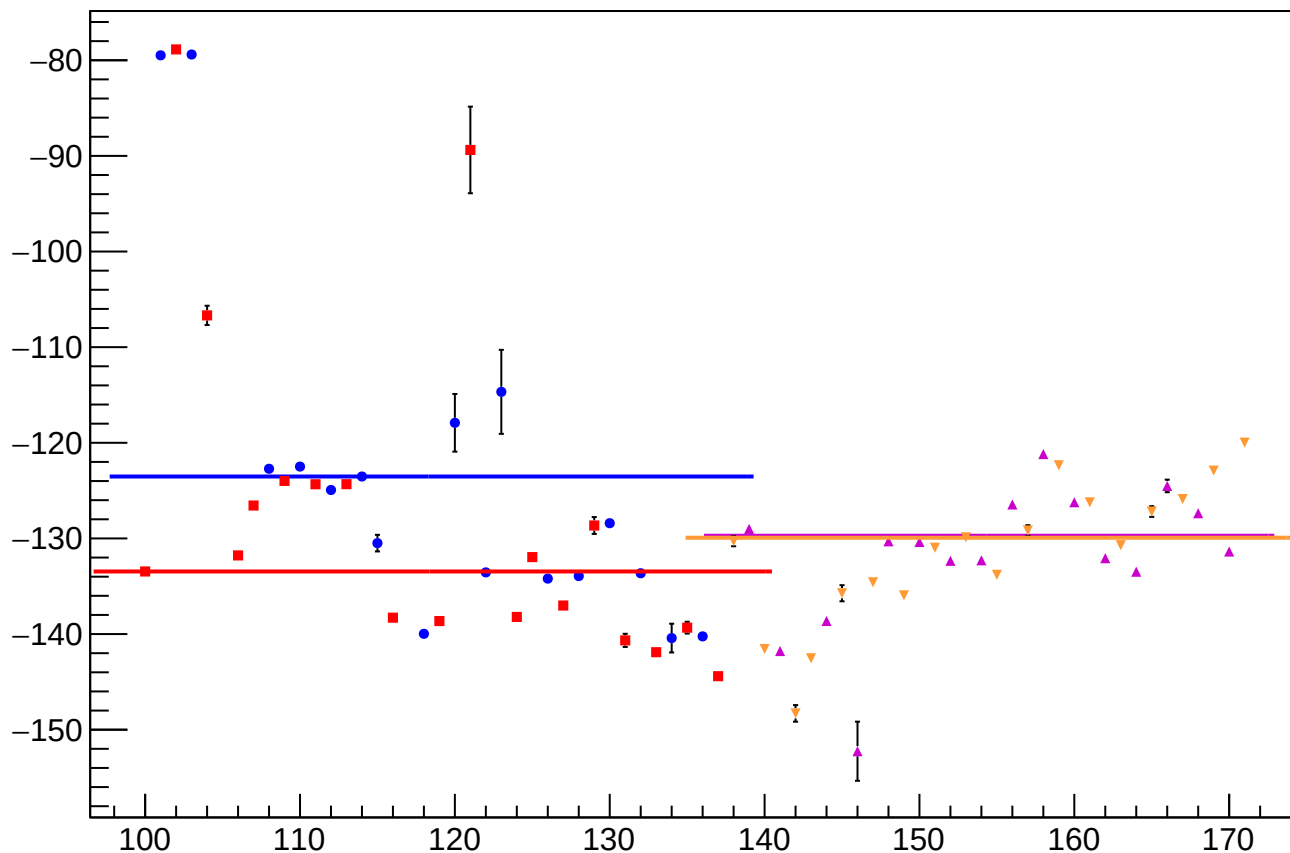
Left In: 86.235+/-0.059 χ^2 /NDF: 7161.2/15

+ sign 83.573+/-0.000 χ^2 /NDF: 56783.0/34

All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^2 /NDF: 106201.7/34

dit_sam7_4eX_slope vs Slug



Right In: -123.524 $\pm$ 0.000 χ^2 /NDF: 160356.5/16

Left Out: -129.927 $\pm$ 0.071 χ^2 /NDF: 9175.4/17

Right Out: -133.456 $\pm$ 0.000 χ^2 /NDF: 394896.3/18

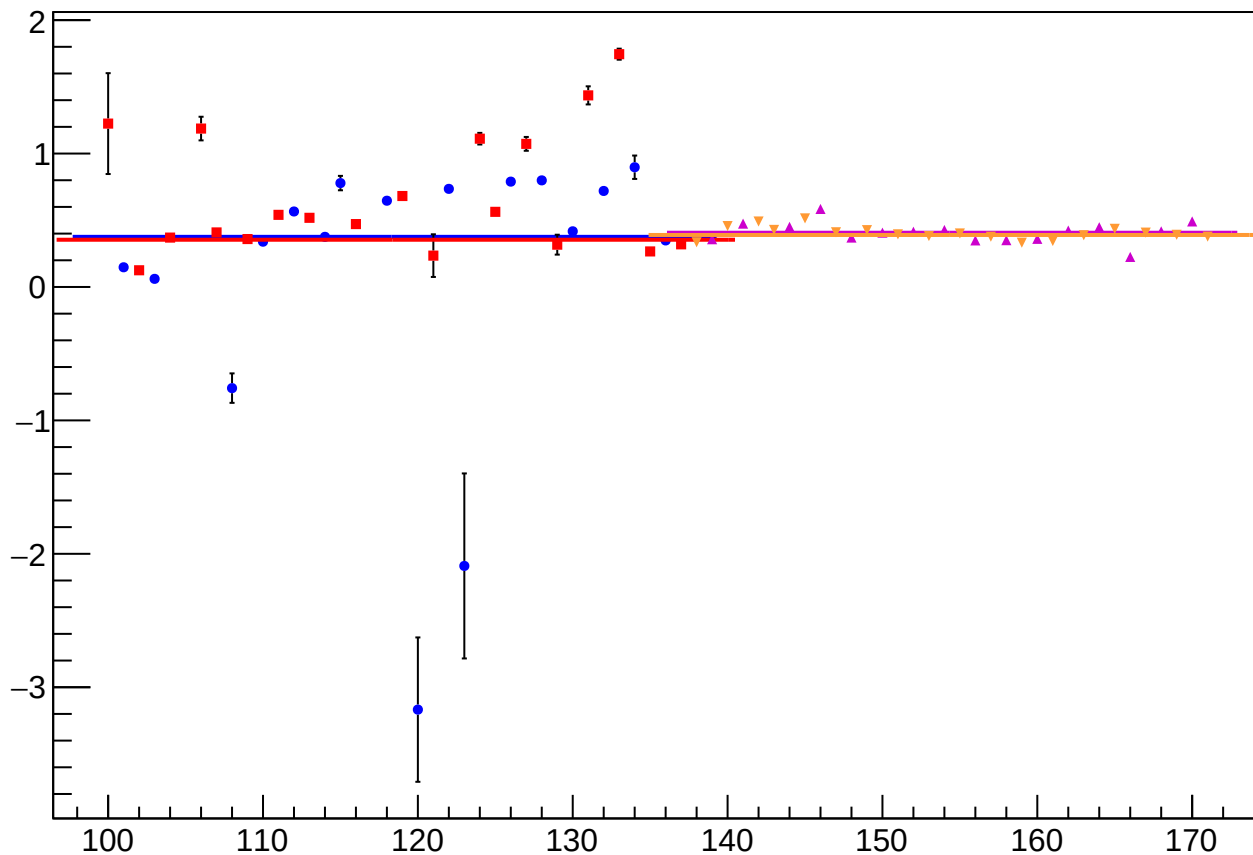
Left In: -129.719 $\pm$ 0.058 χ^2 /NDF: 5443.4/15

+ sign -123.524 $\pm$ 0.000 χ^2 /NDF: 177692.2/34

All: -124.716 $\pm$ 0.000 χ^2 /NDF: 64467869901

- sign -133.456 $\pm$ 0.000 χ^2 /NDF: 404449.5/34

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.390 ± 0.001 χ^2/NDF : 4765.2/17

Right Out: 0.354 ± 0.002 χ^2/NDF : 4592.7/18

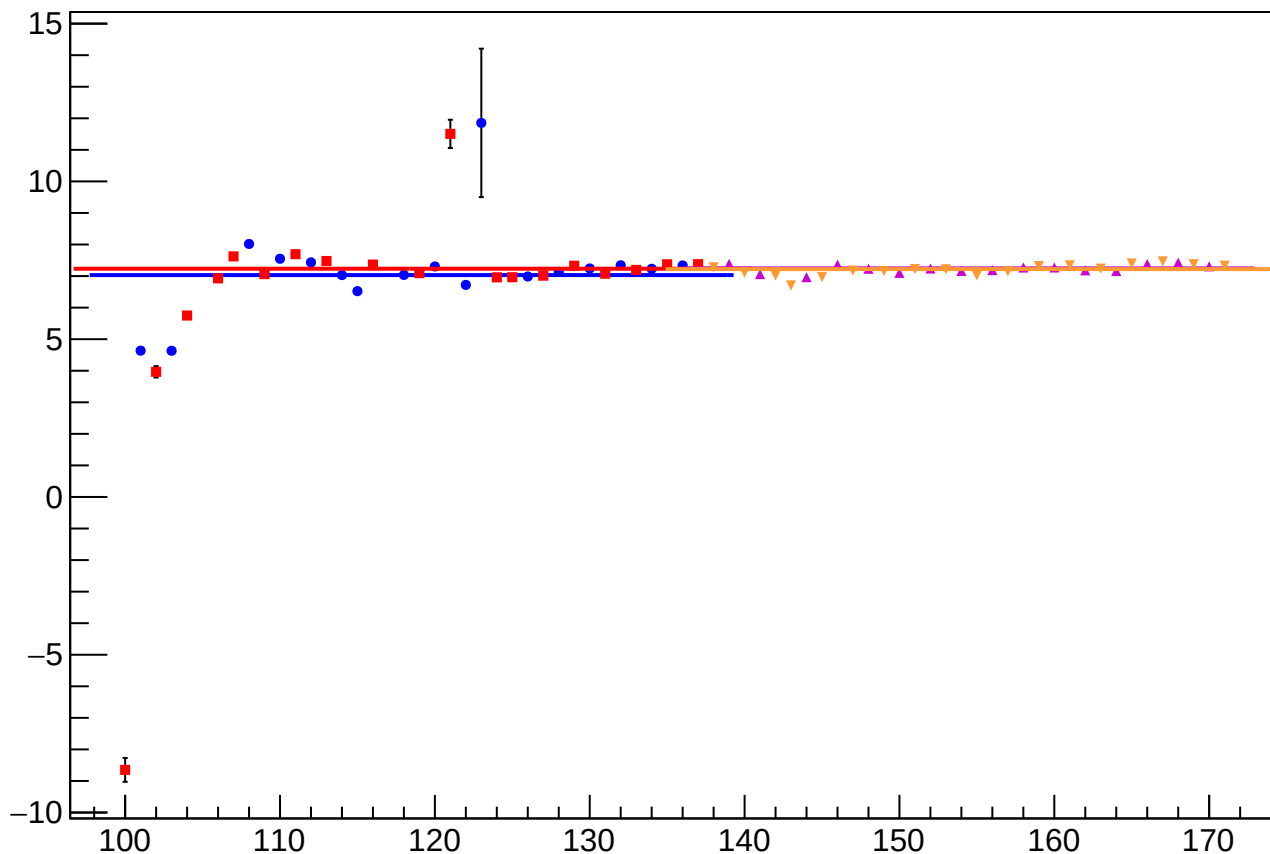
Left In: 0.407 ± 0.000 χ^2/NDF : 7252.0/15

+ sign 0.376 ± 0.000 χ^2/NDF : 9391.1/34

All: 0.376 ± 0.000 χ^2/NDF : 25287.0/69

- sign 0.401 ± 0.000 χ^2/NDF : 12936.7/34

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.221 ± 0.001 χ^2/NDF : 28251.5/17

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

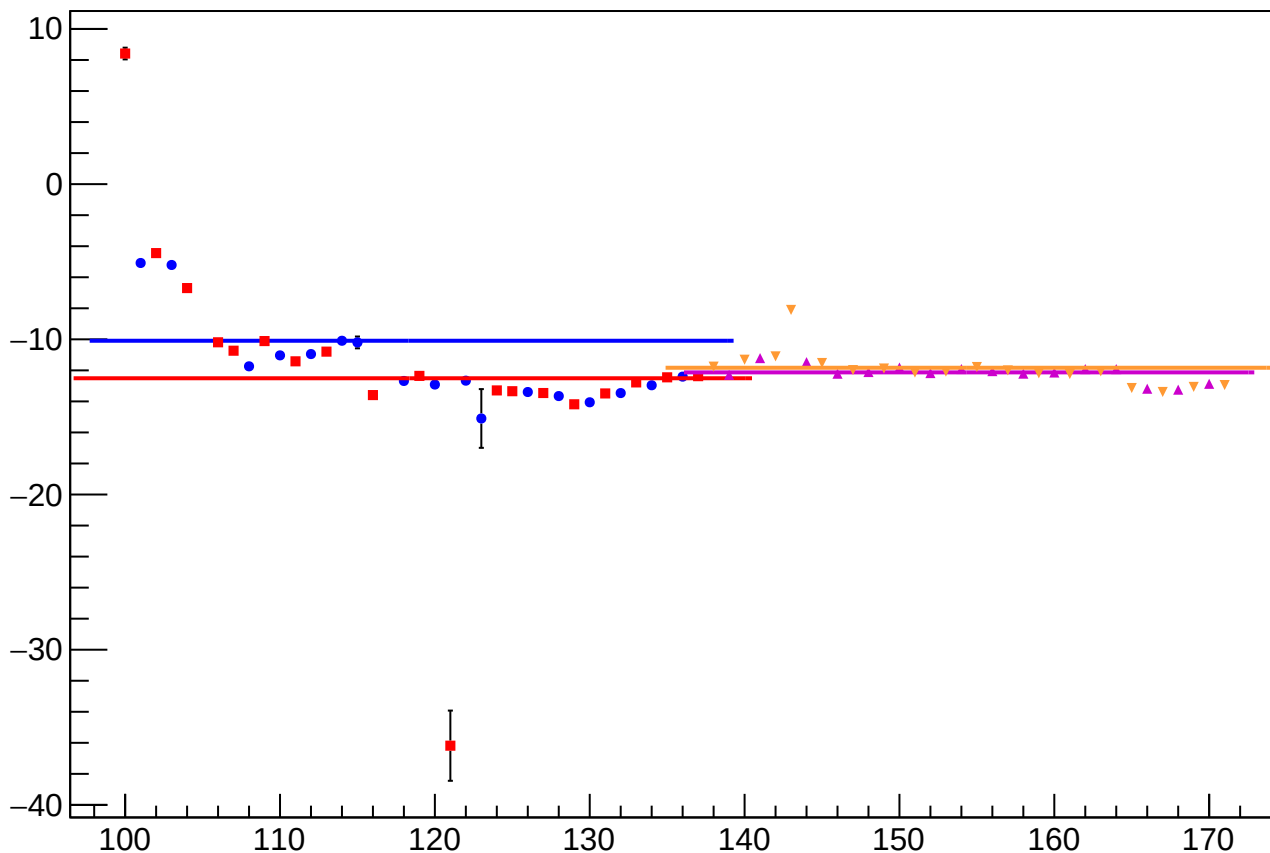
Left In: 7.244 ± 0.001 χ^2/NDF : 17997.1/15

+ sign 7.032 ± 0.000 χ^2/NDF : 88064.7/34

All: 7.032 ± 0.000 χ^2/NDF : 182620.5/69

- sign 7.243 ± 0.001 χ^2/NDF : 28076.7/34

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.831 ± 0.002 χ^2/NDF : 475358.7/17

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

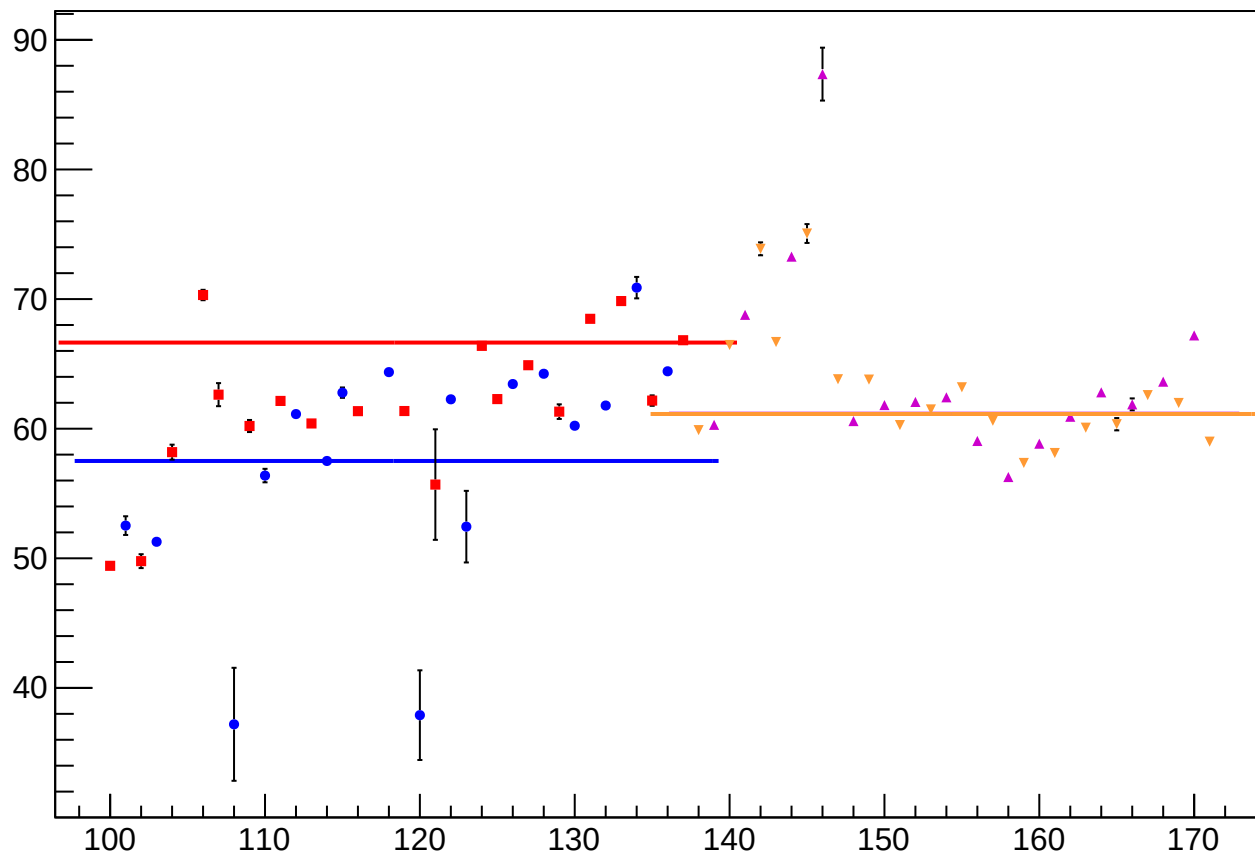
Left In: -12.130 ± 0.002 χ^2/NDF : 36100.4/15

+ sign -10.092 ± 0.000 χ^2/NDF : 1955090.7/34

All: -10.092 ± 0.000 χ^2/NDF : 3796796.1/69

- sign -12.201 ± 0.002 χ^2/NDF : 147908.3/34

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 61.135 ± 0.043 χ^2/NDF : 5323.8/17

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

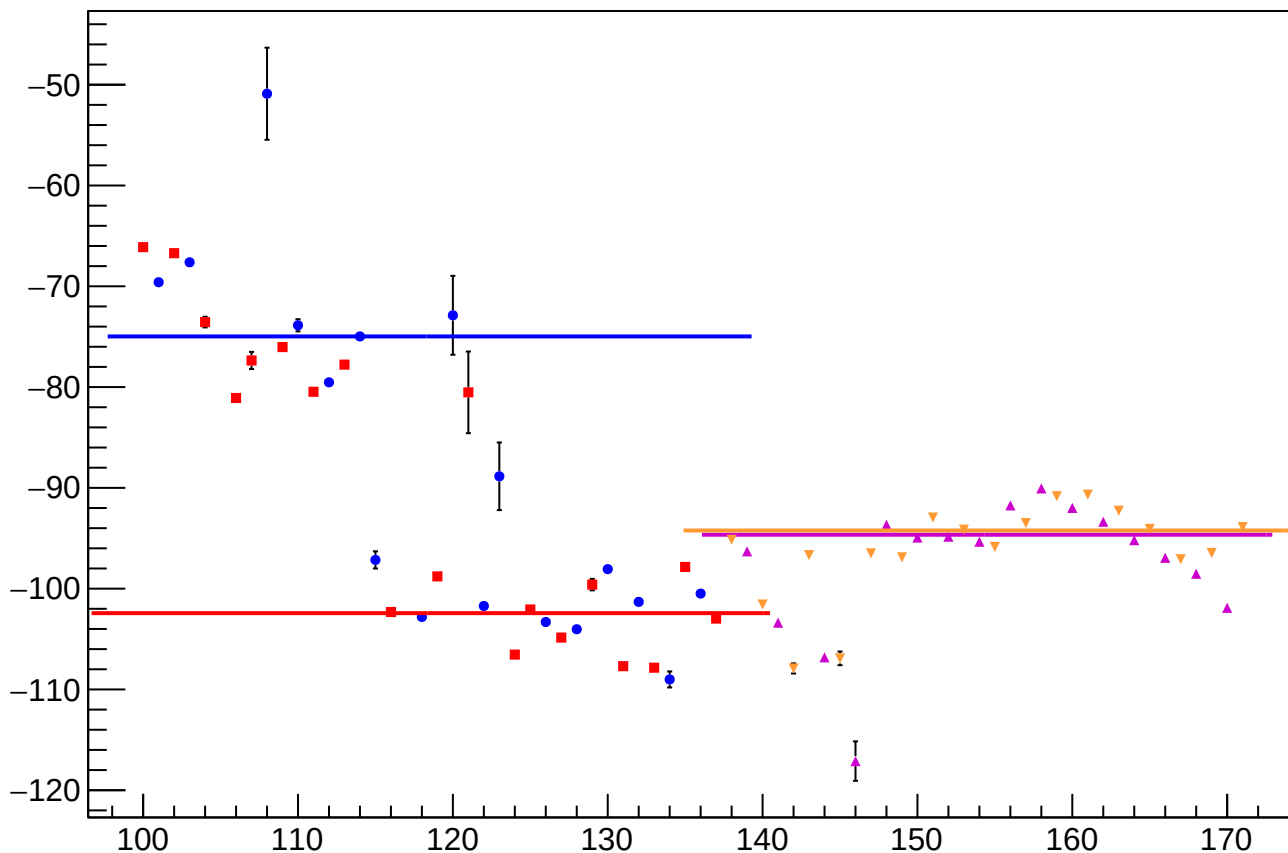
Left In: 61.157 ± 0.036 χ^2/NDF : 7365.4/15

+ sign 57.510 ± 0.000 χ^2/NDF : 20512.0/34

All: 57.510 ± 0.000 χ^2/NDF : 534555.9/69

- sign 66.001 ± 0.012 χ^2/NDF : 36207.6/34

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -94.230 ± 0.043 $\chi^2/\text{NDF}: 5256.8/17$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

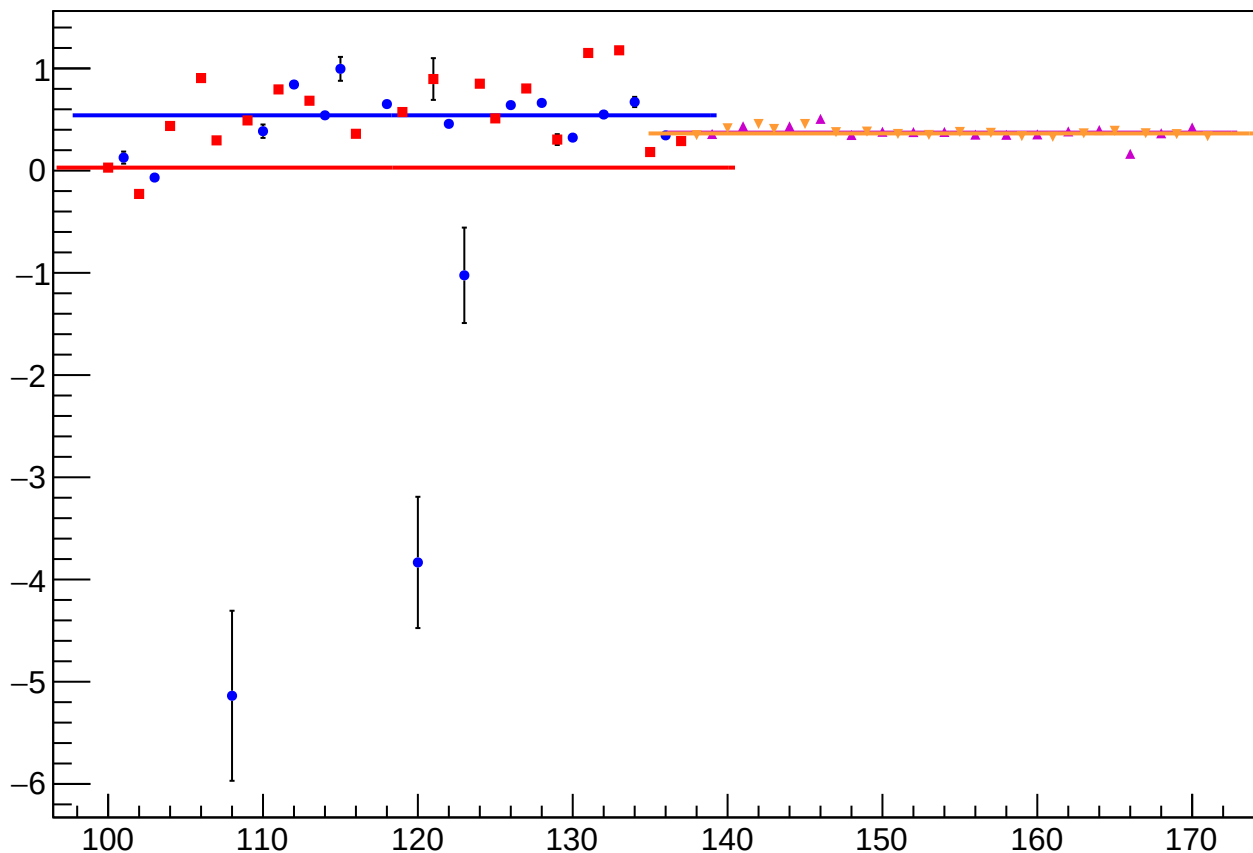
Left In: -94.650 ± 0.036 $\chi^2/\text{NDF}: 8737.9/15$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 335347.1/34$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 3064365.9/69$

- sign -100.918 ± 0.016 $\chi^2/\text{NDF}: 96193.3/34$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.364 ± 0.000 χ^2/NDF : 3527.5/17

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

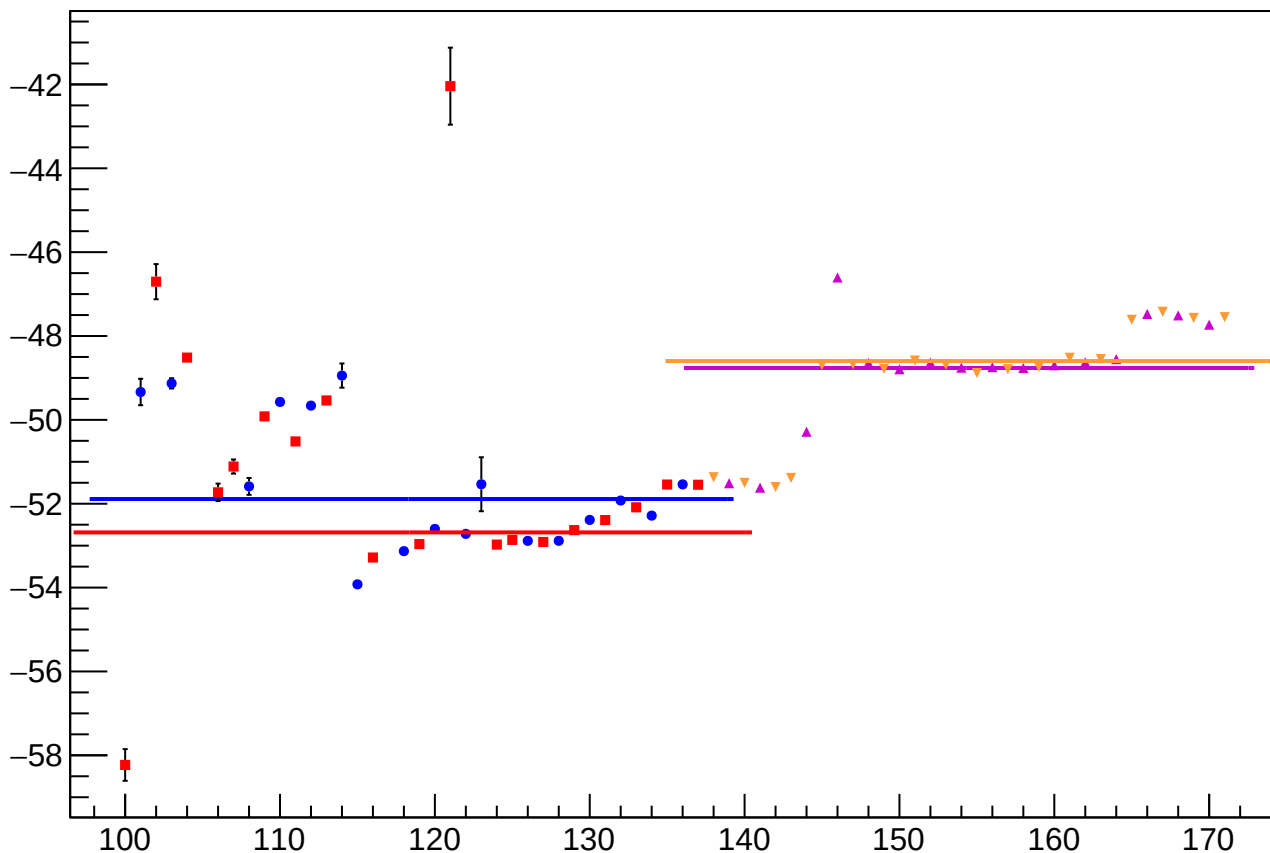
Left In: 0.372 ± 0.000 χ^2/NDF : 5743.9/15

+ sign 0.541 ± 0.000 χ^2/NDF : 228059.0/34

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 1270559.0/34

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -48.597 ± 0.001 χ^2/NDF : 634013.4/17

Right Out: -52.684 ± 0.003 χ^2/NDF : 56125.8/18

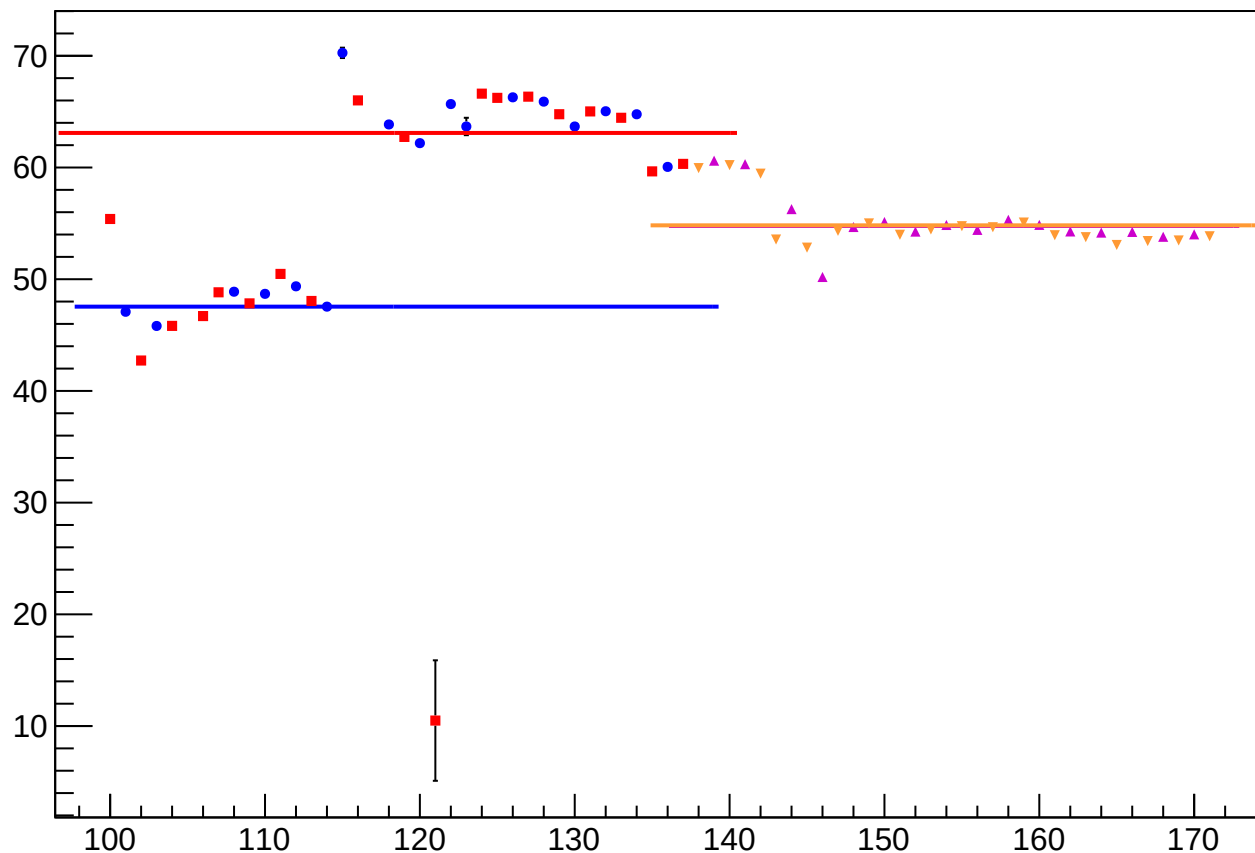
Left In: -48.762 ± 0.001 χ^2/NDF : 708614.1/15

+ sign -49.277 ± 0.001 χ^2/NDF : 2442308.9/34

All: -49.271 ± 0.001 χ^2/NDF : 5253293.2/69

- sign -49.266 ± 0.001 χ^2/NDF : 2810911.7/34

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 54.823 $\pm$ 0.003 χ^2 /NDF:274507.9/17

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

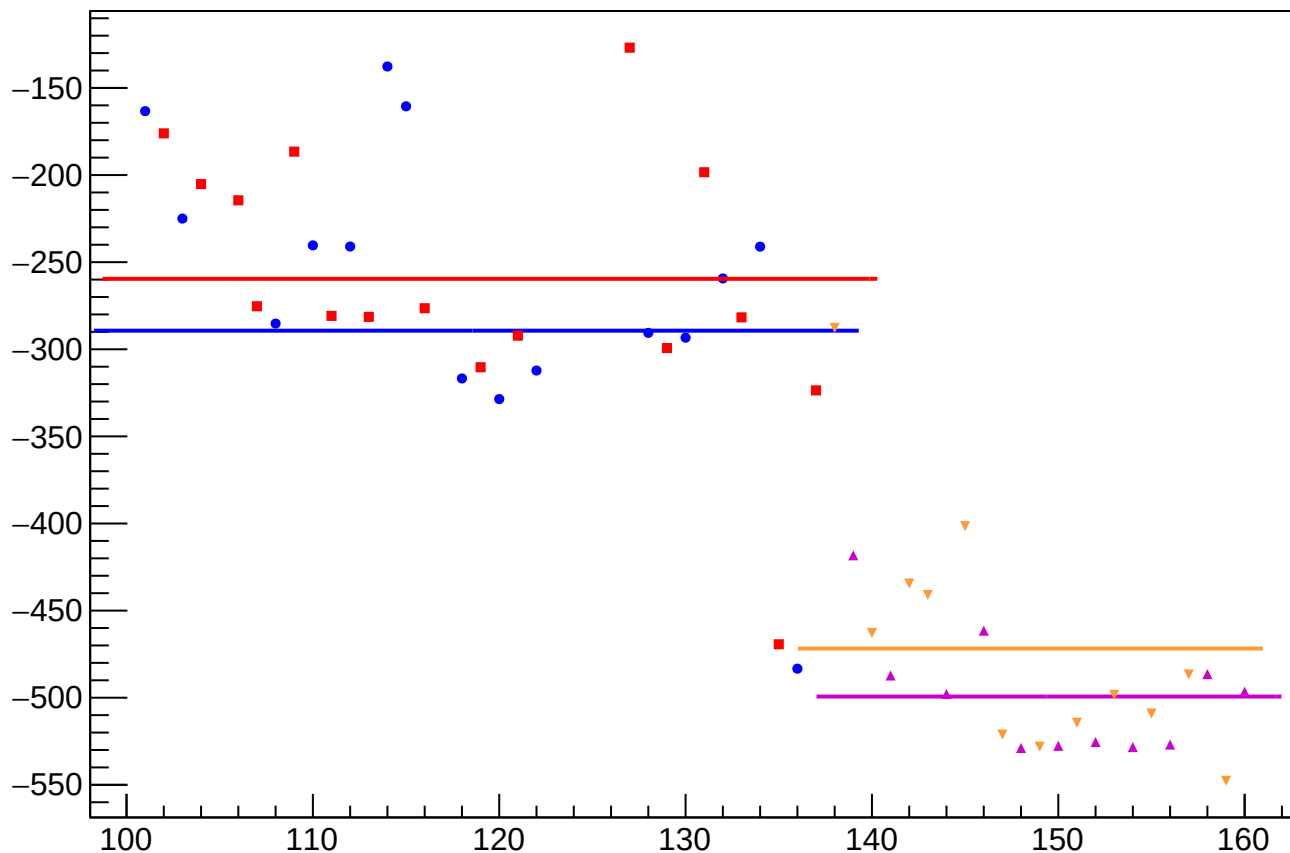
Left In: 54.765 $\pm$ 0.003 χ^2 /NDF:88748.6/15

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9377069.6/34

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 21505960.6/69

- sign 55.700 $\pm$ 0.003 χ^2 /NDF: 1525379.1/34

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

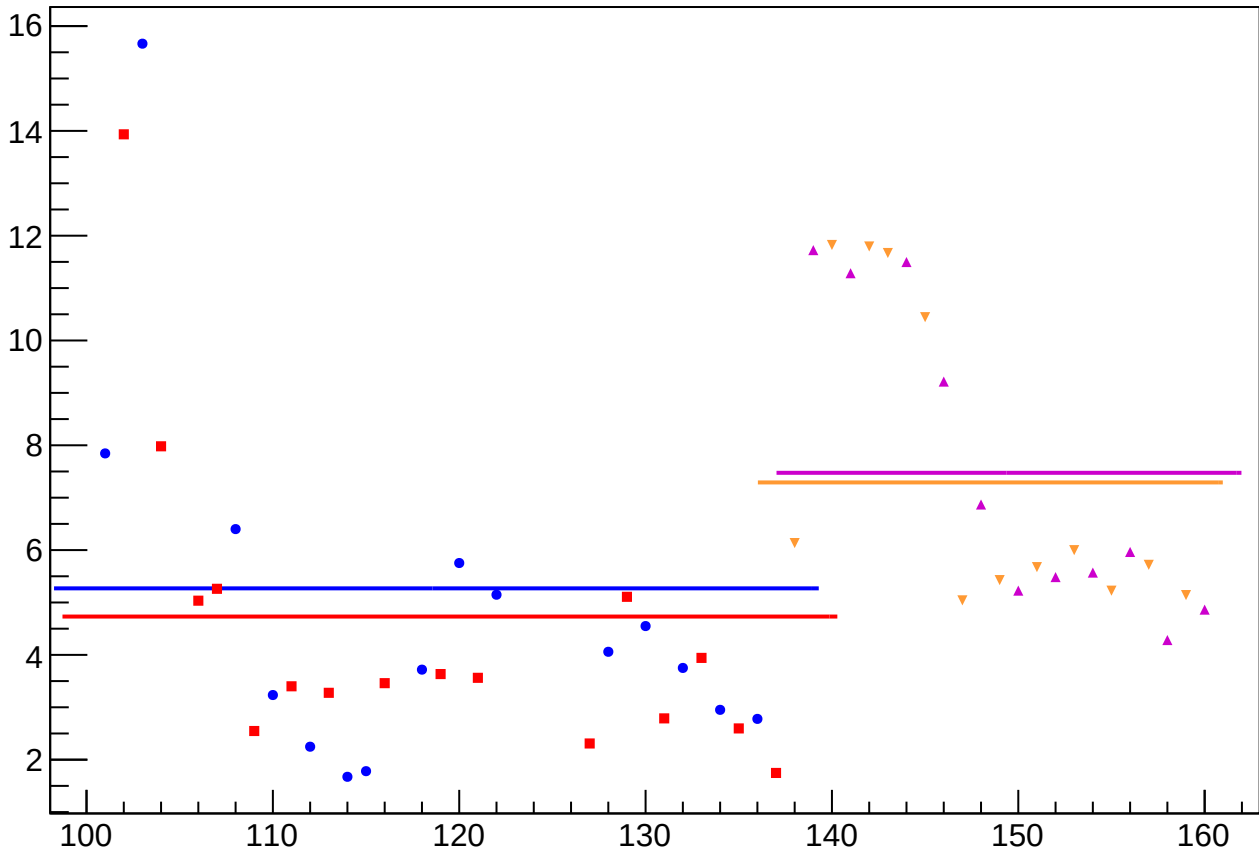
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

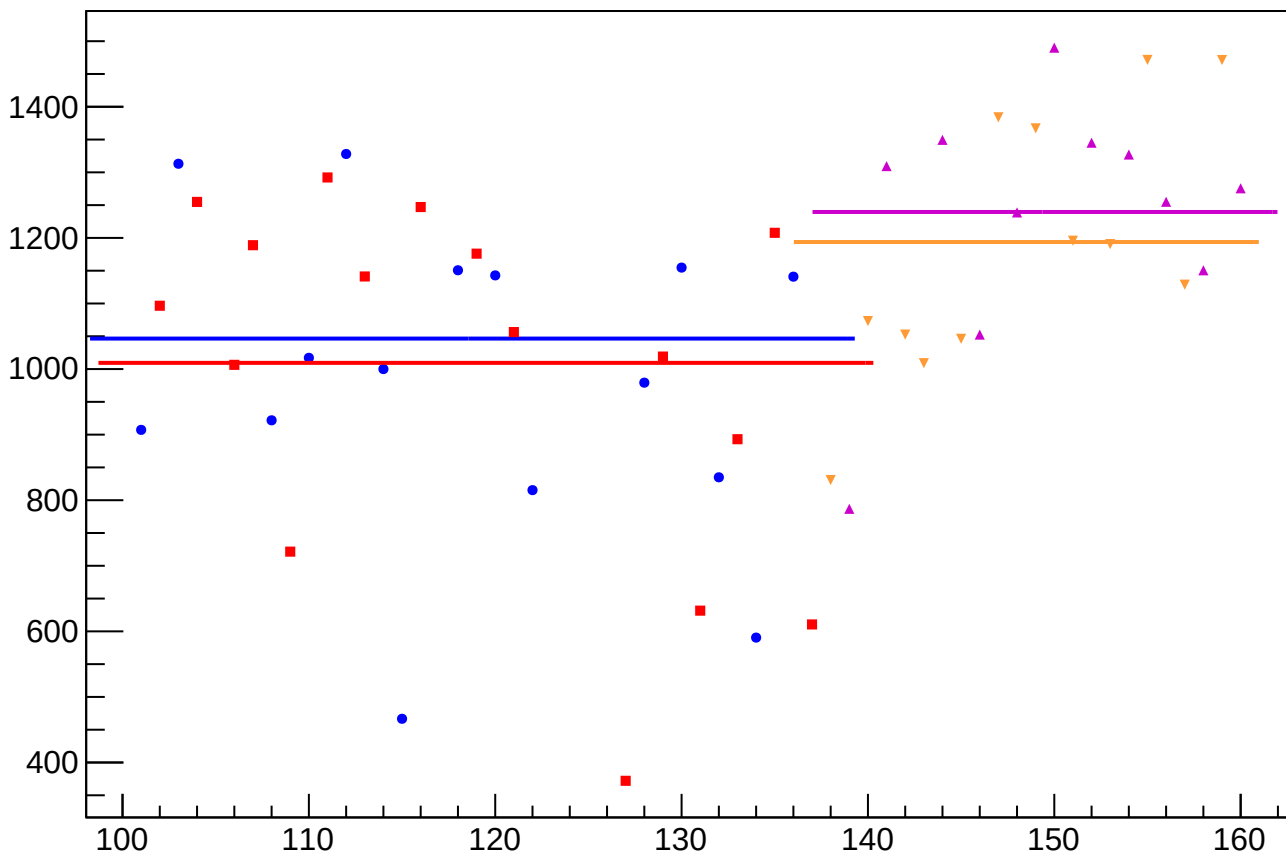
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.452+/-0.000 χ^2/NDF : 16978559973735600

All: 6.388+/-0.000 χ^2/NDF : 33820915421032

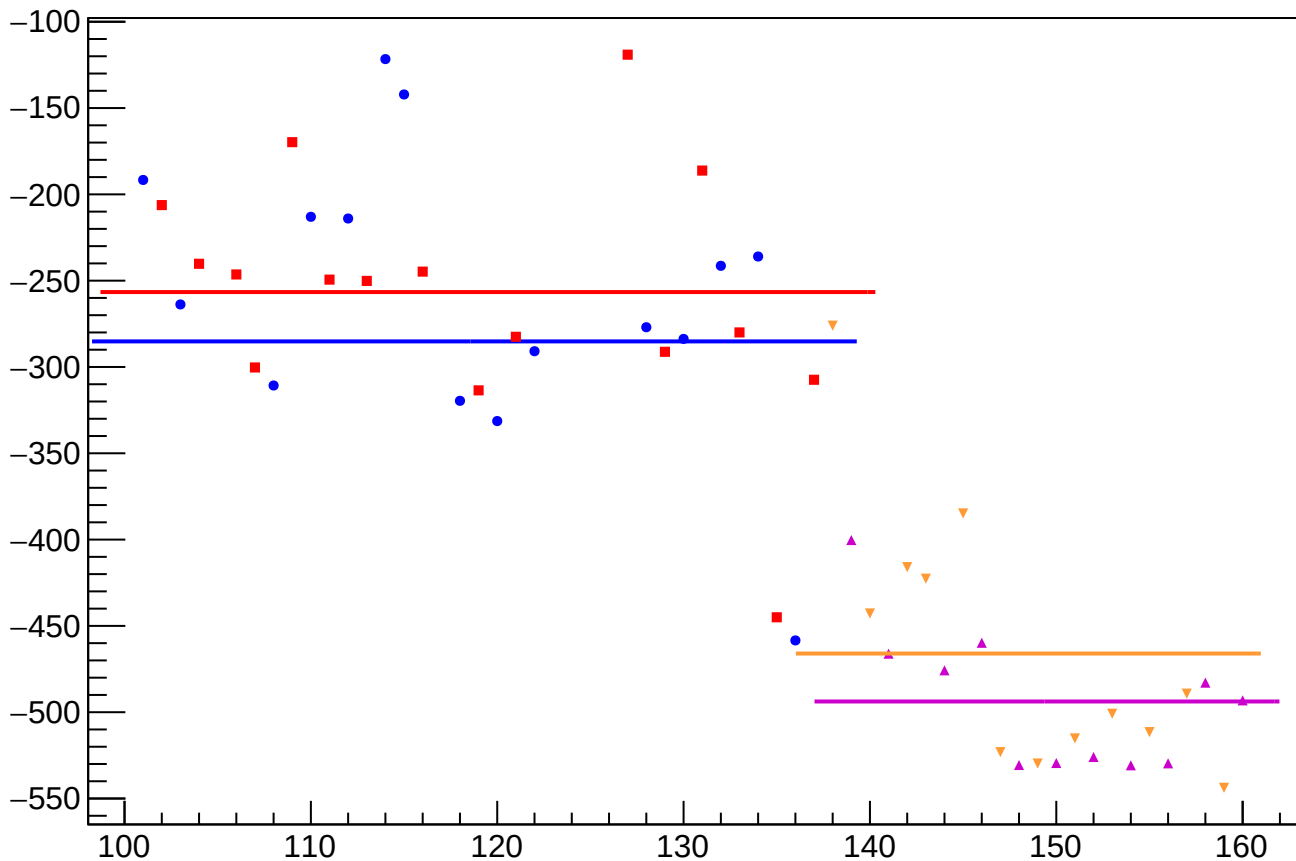
- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

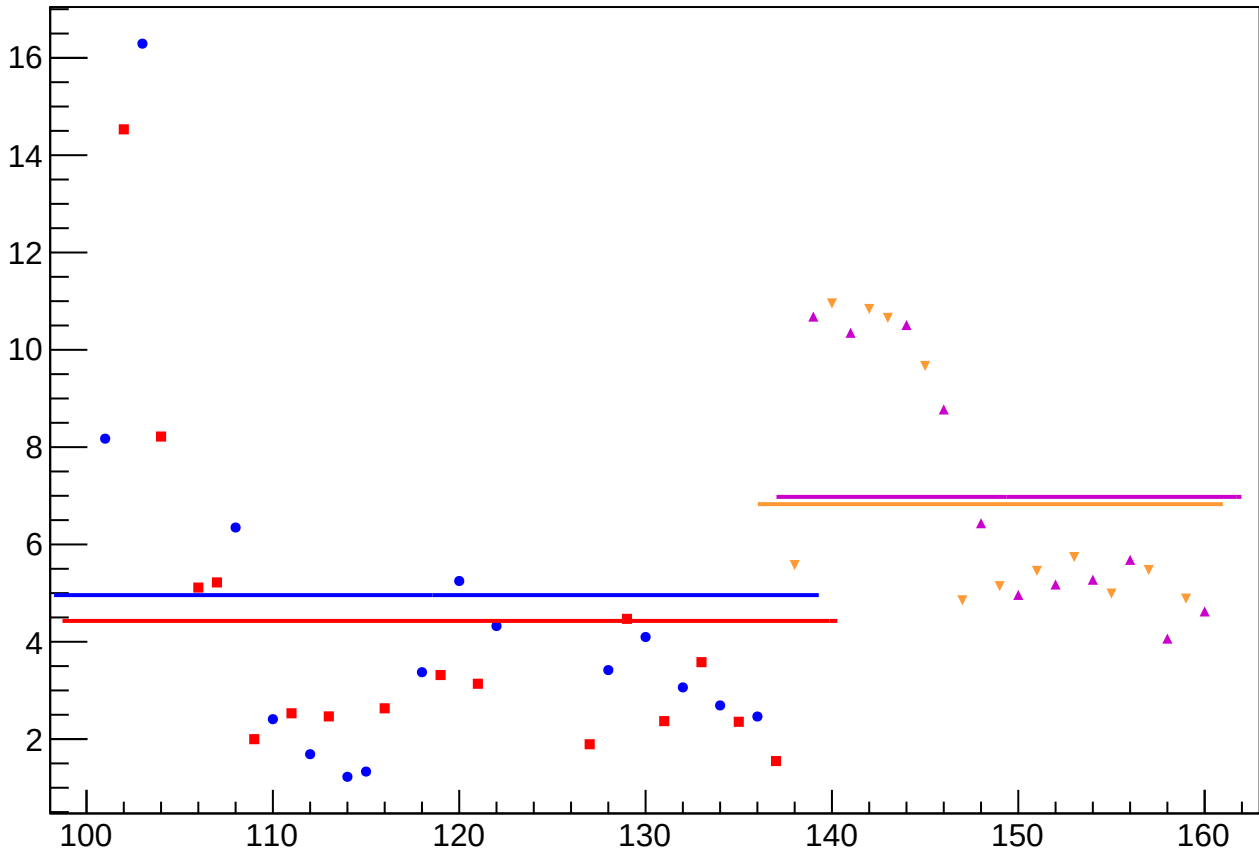
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



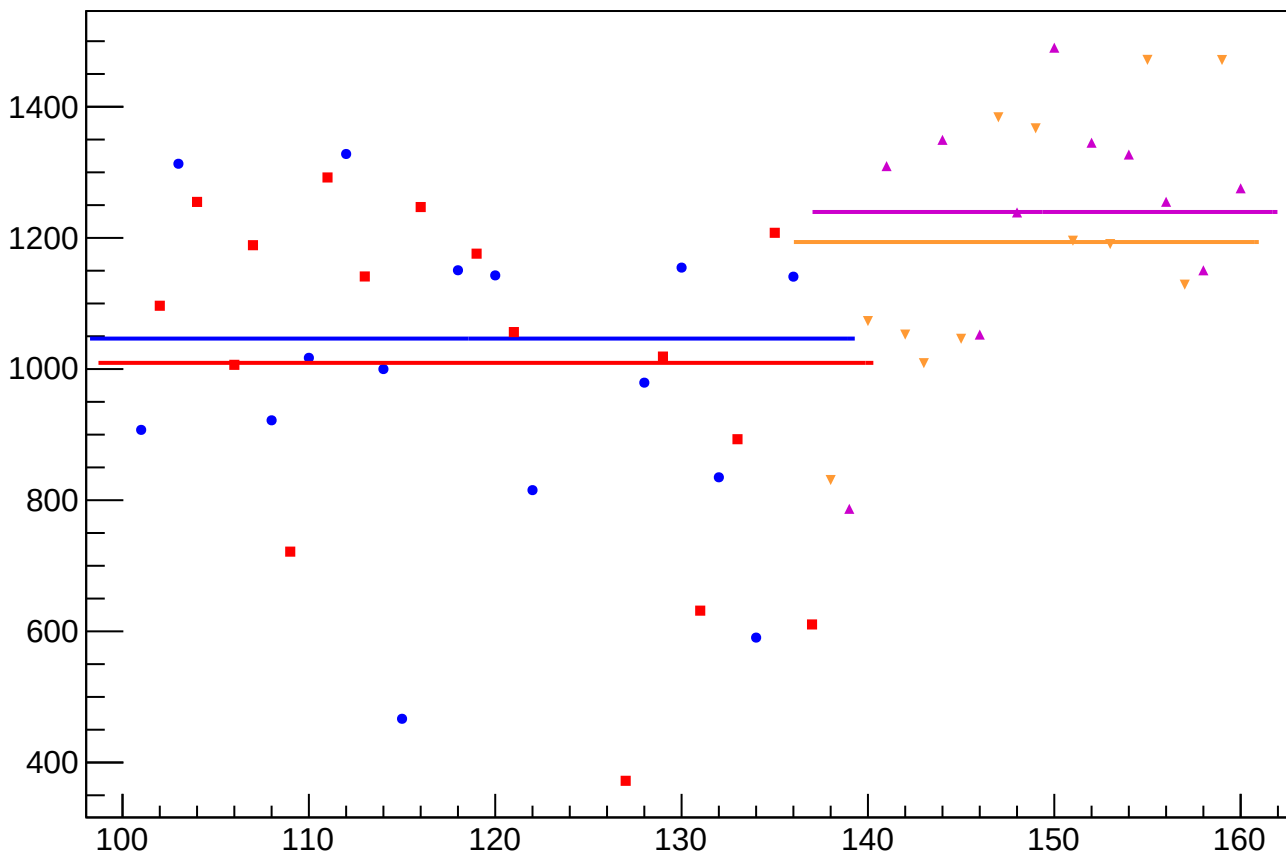
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

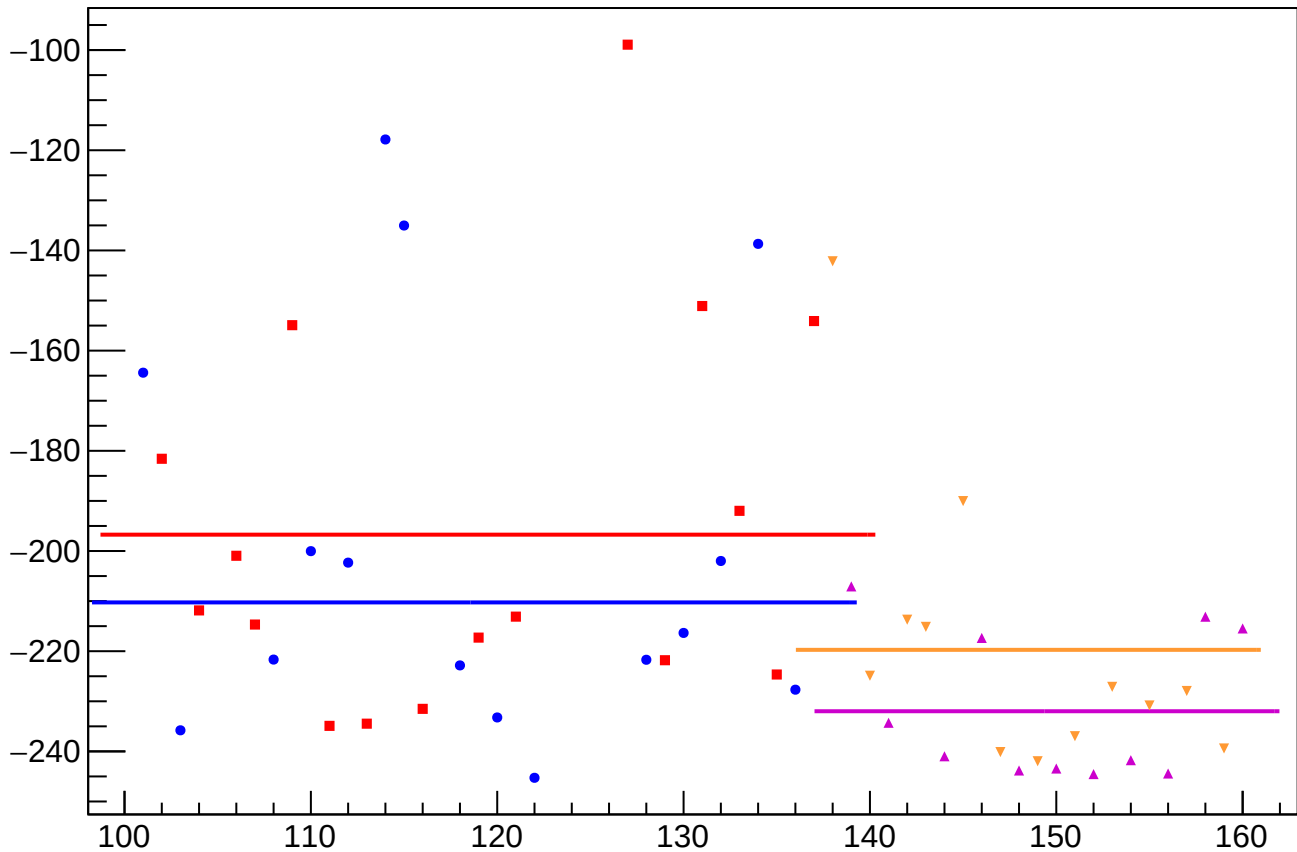
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_11X12X_coil1_mean vs Slug



Right In: -210.261 ± 0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -219.729 ± 0.000 χ^2/NDF : 691090878567021644145539364306288640.0/11

Right Out: -196.736 ± 0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

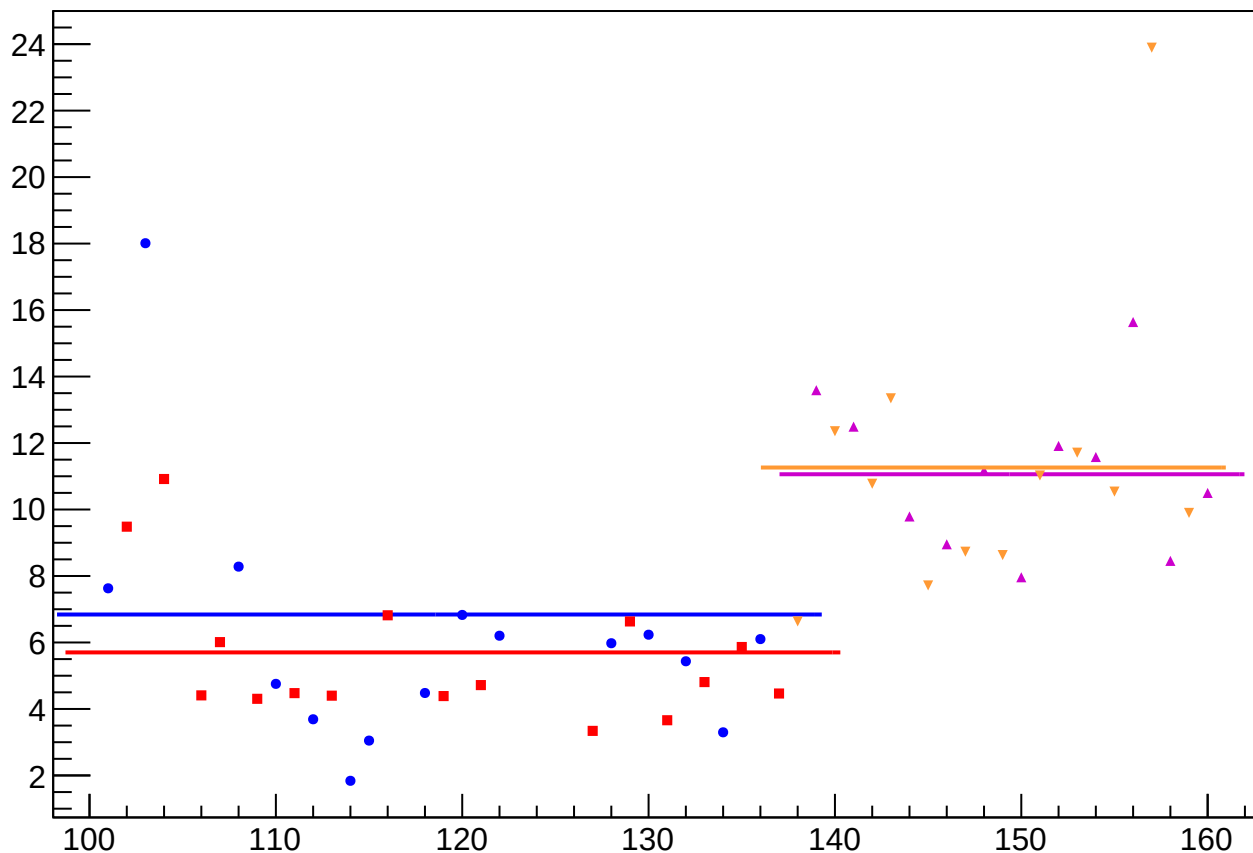
Left In: -231.985 ± 0.000 χ^2/NDF : 182992027280401463139065105290887168.0/10

+ sign -215.798 ± 0.000 χ^2/NDF : 12928194150556

All: -216.509 ± 0.000 χ^2/NDF : 28682587905

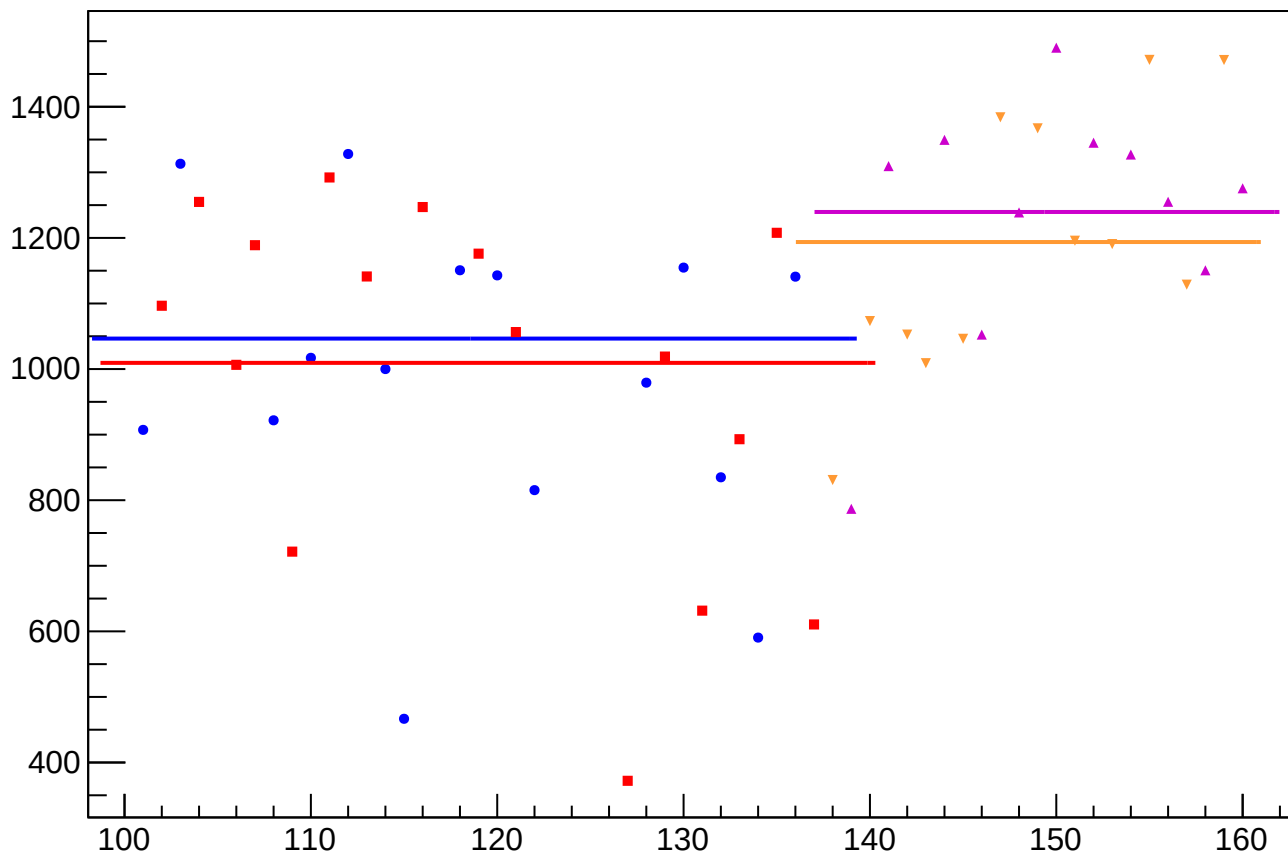
- sign -217.208 ± 0.000 χ^2/NDF : 157387232918828

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14
 Left Out: 11.263+/-0.000 χ^2/NDF : 16950484304495826735526537389408256.0/11
 Right Out: 5.701+/-0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15
 Left In: 11.061+/-0.000 χ^2/NDF : 4417559387784954400311933713514496.0/10

dit_11X12X_coil1_Ndata_mean vs Slug



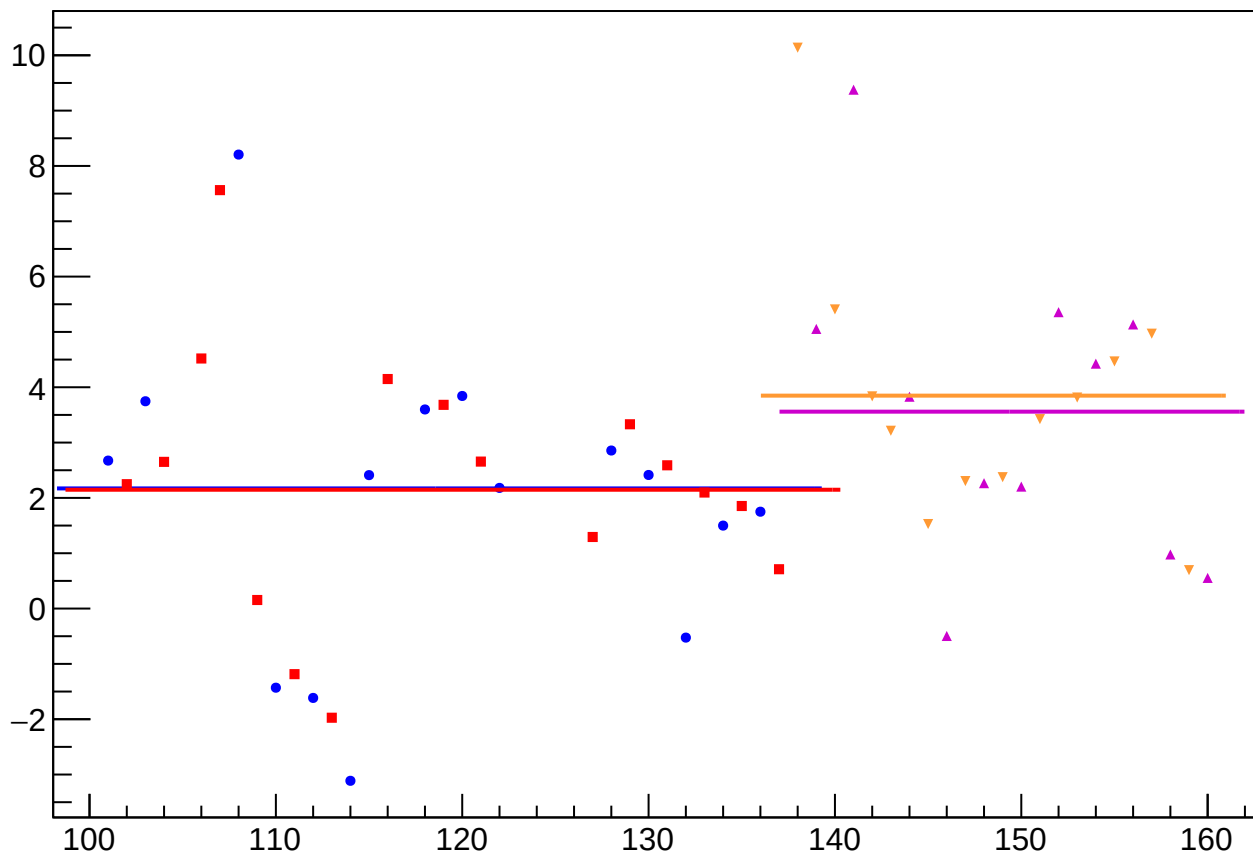
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

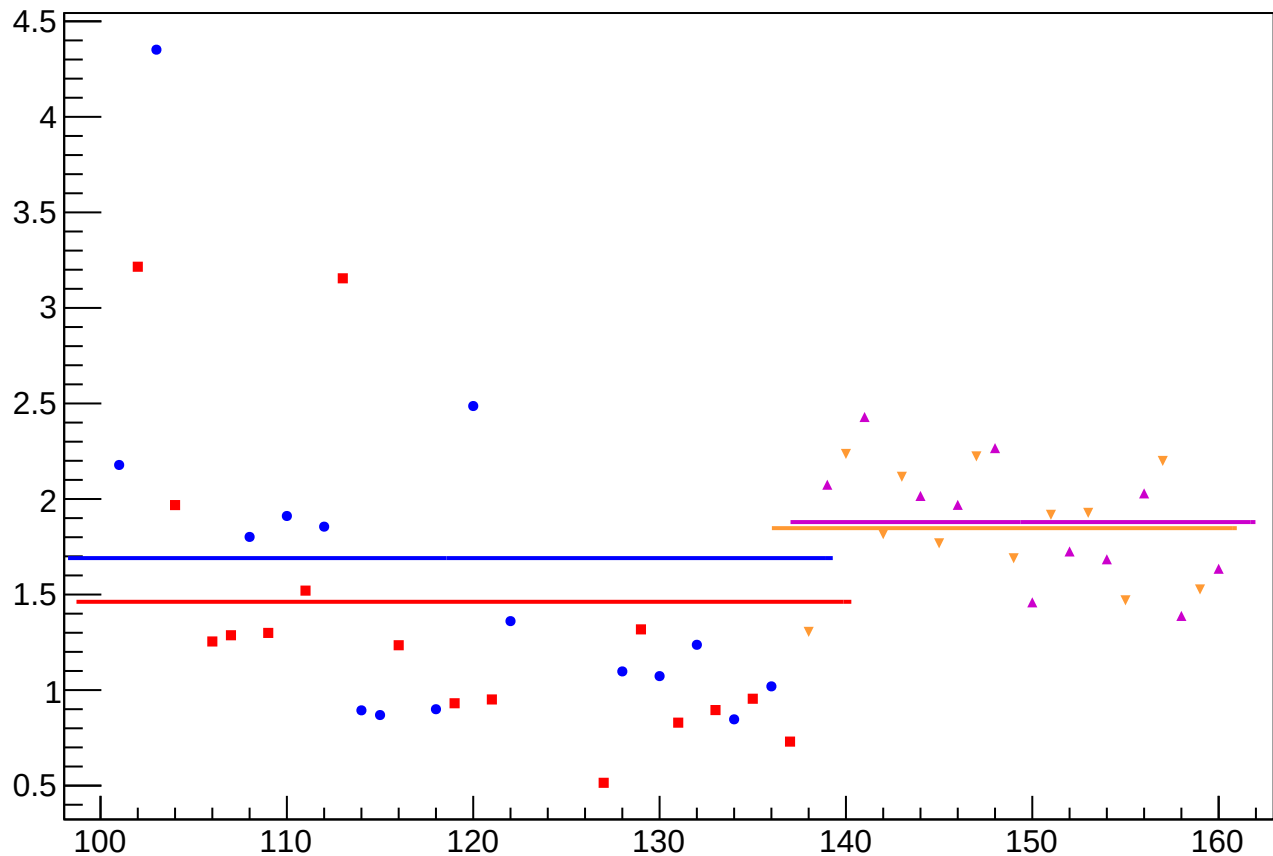
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 3.848+/-0.000	χ^2/NDF : 5039599457588936759406360166137856.0/11
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 3.559+/-0.000	χ^2/NDF : 6492667345109962540652165758713856.0/10

+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

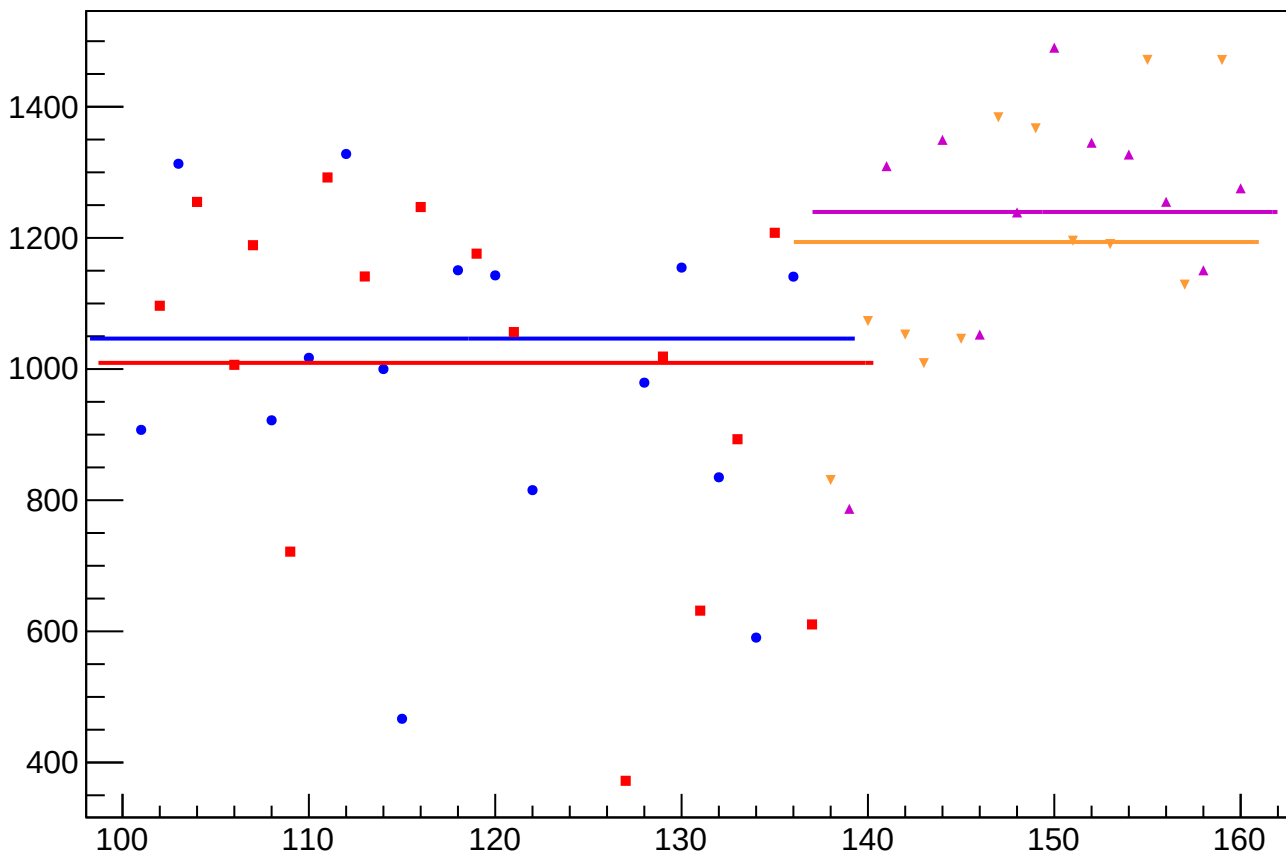
dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000	χ^2/NDF : 612163393317609859674079412355072.0/14
Left Out: 1.847+/-0.000	χ^2/NDF : 84162850183102511254837045231616.0/11
Right Out: 1.462+/-0.000	χ^2/NDF : 444384511662519040022371754835968.0/15
Left In: 1.879+/-0.000	χ^2/NDF : 90968052268112309617342982127616.0/10

+ sign 1.782+/-0.000 χ^2/NDF : 70564815632258701
 All: 1.743+/-0.000 χ^2/NDF : 13132209144747
 - sign 1.704+/-0.000 χ^2/NDF : 60277351909397025

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

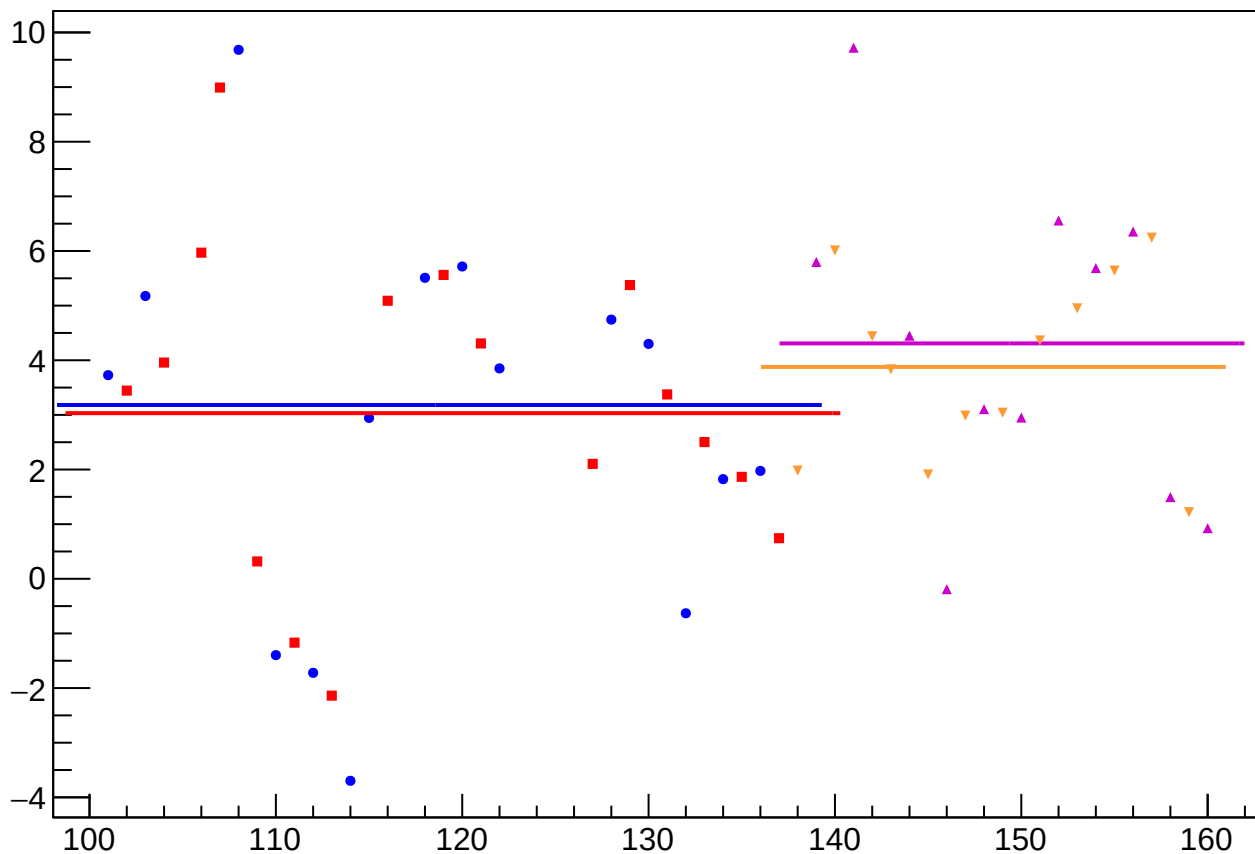
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878+/-0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

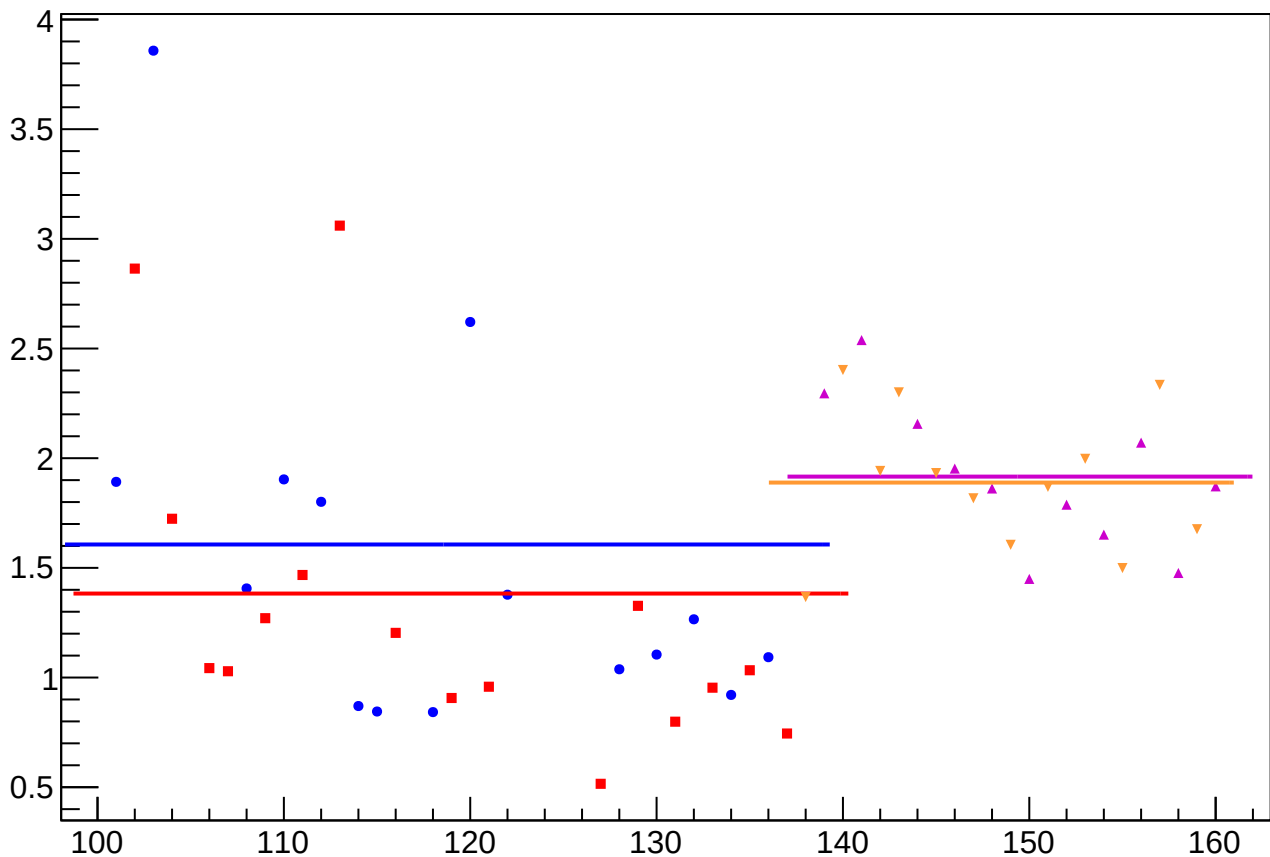
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

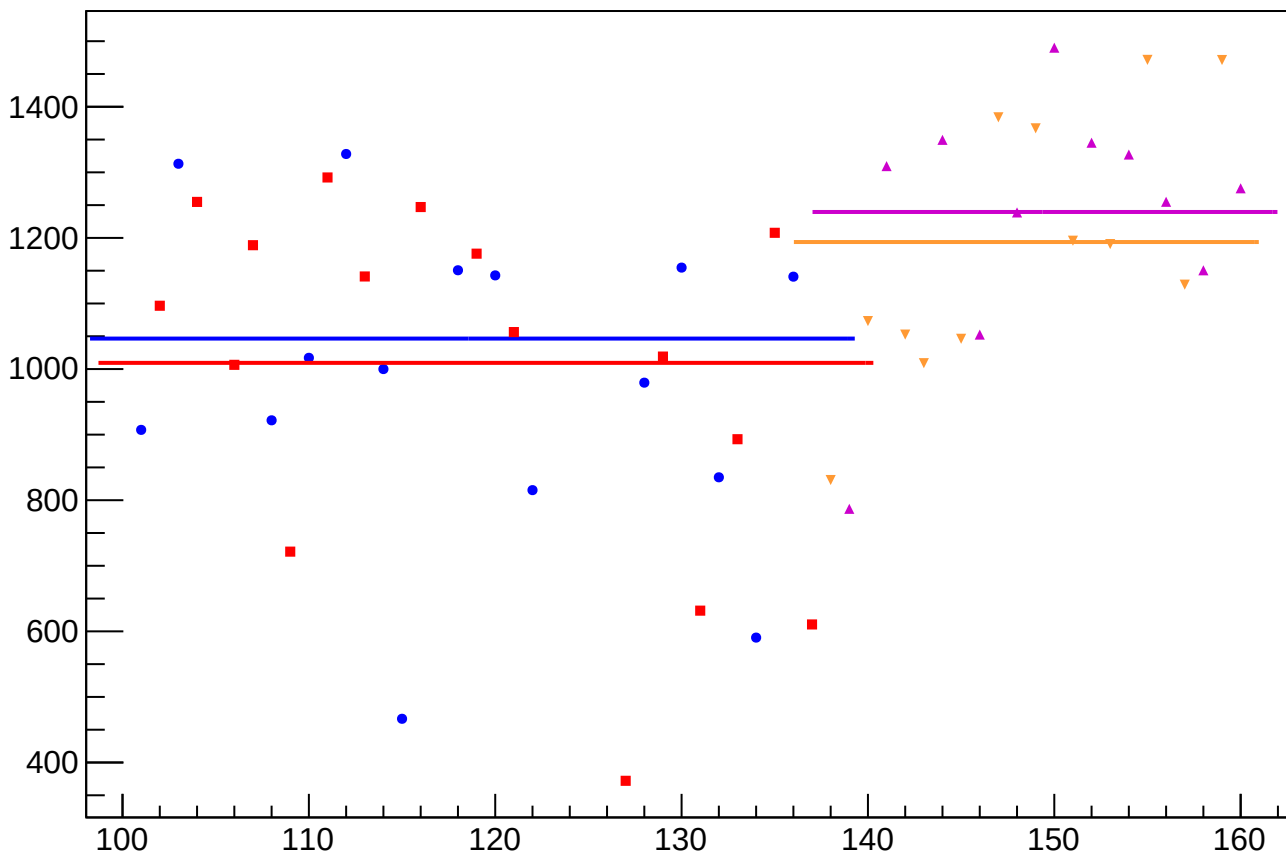
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

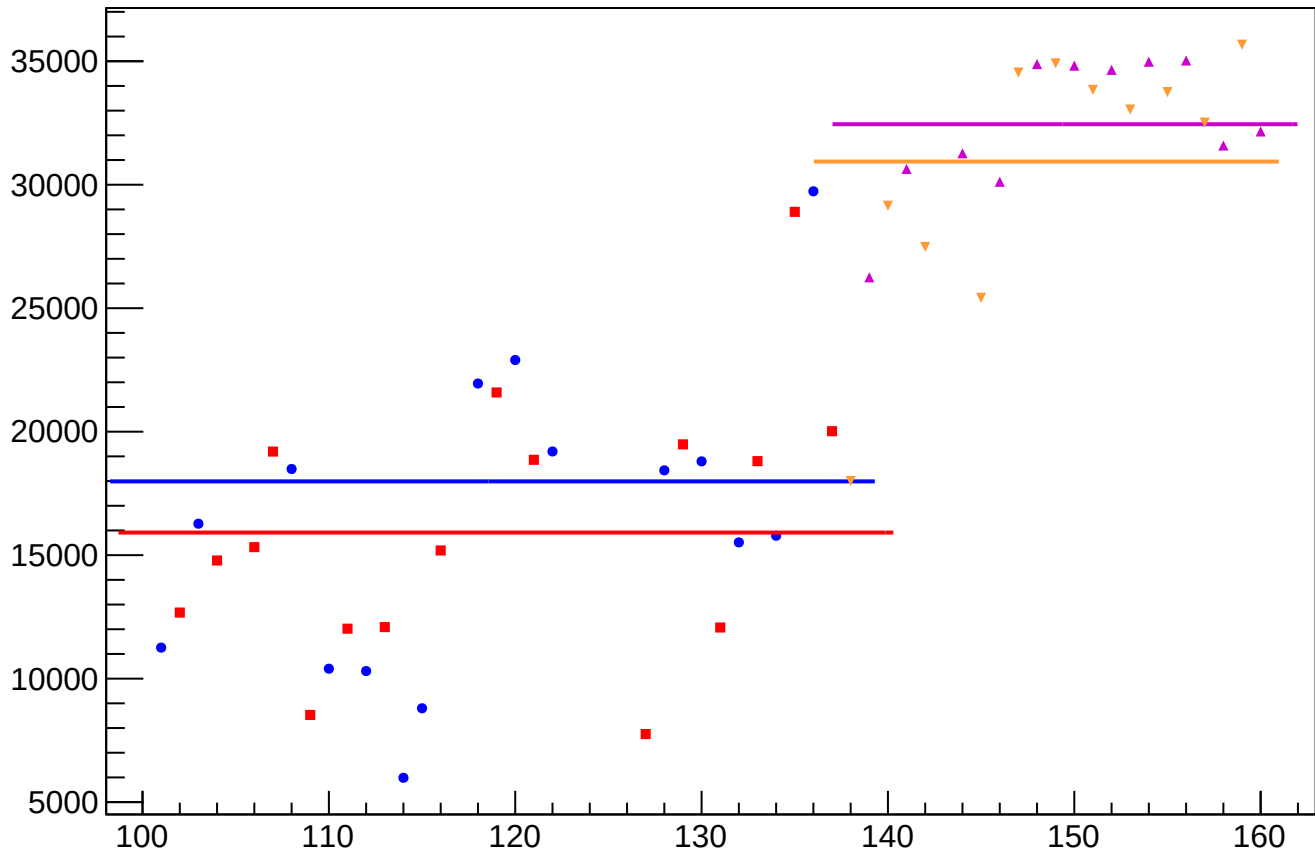
- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

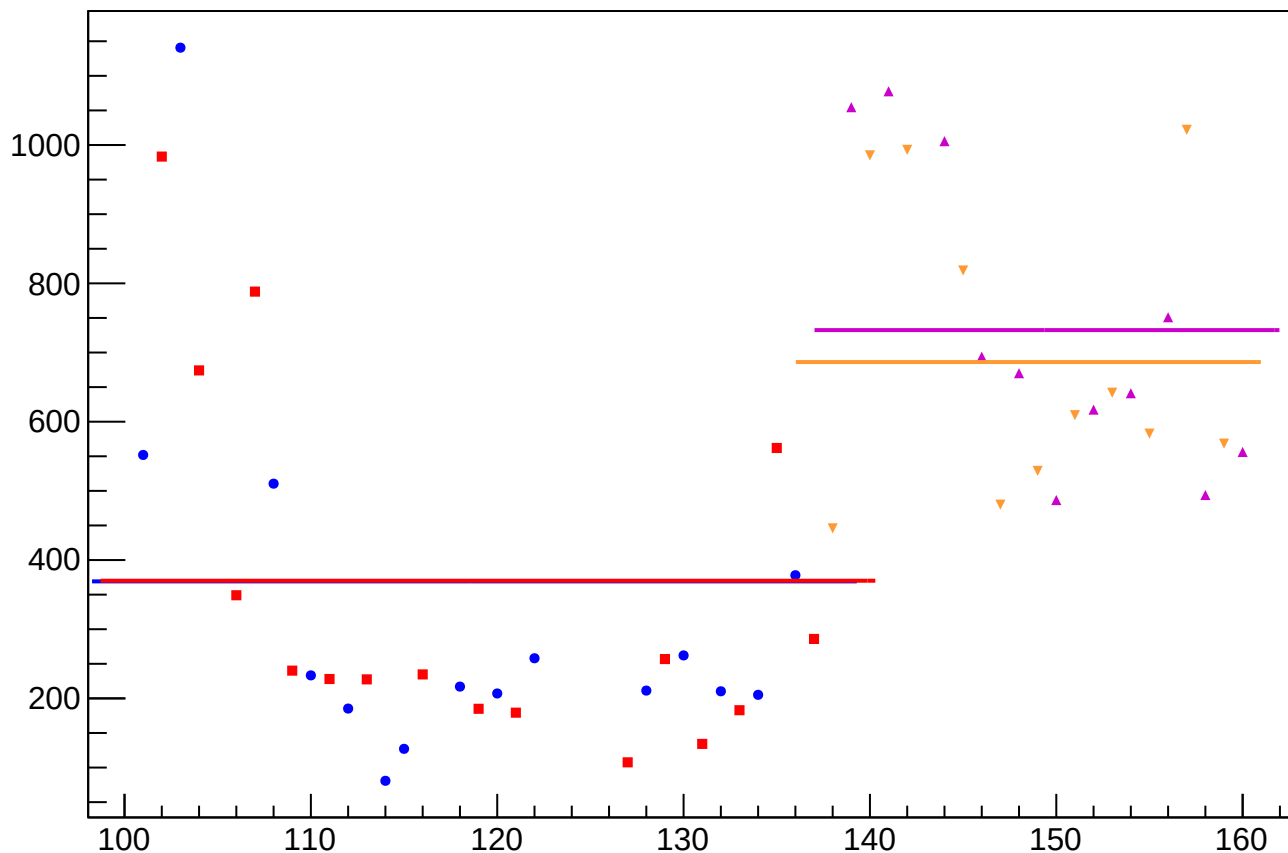
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 548.687+/-0.000 χ^2/NDF : 119411567412423

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

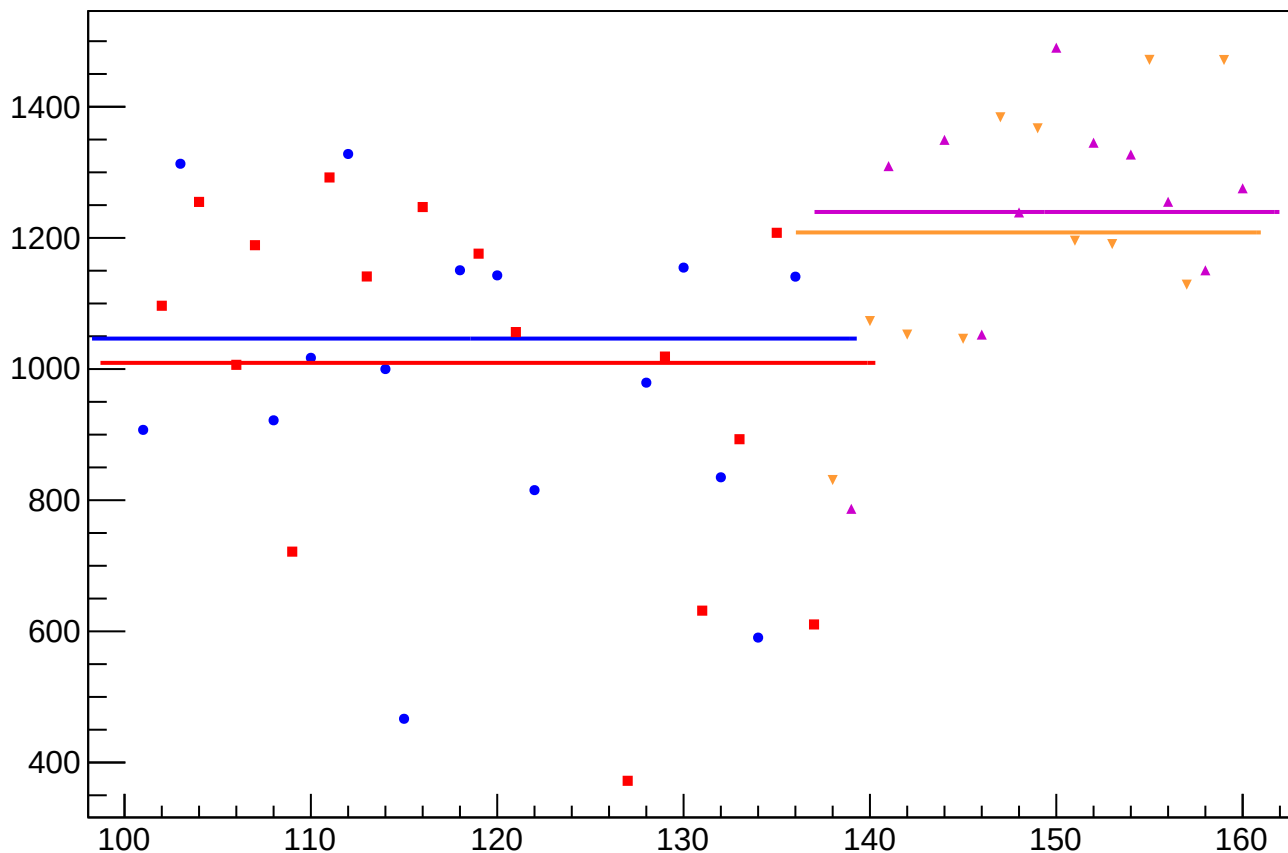
All: 565.091+/-0.000 χ^2/NDF : 259202401082

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 580.516+/-0.000 χ^2/NDF : 139009735968020

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

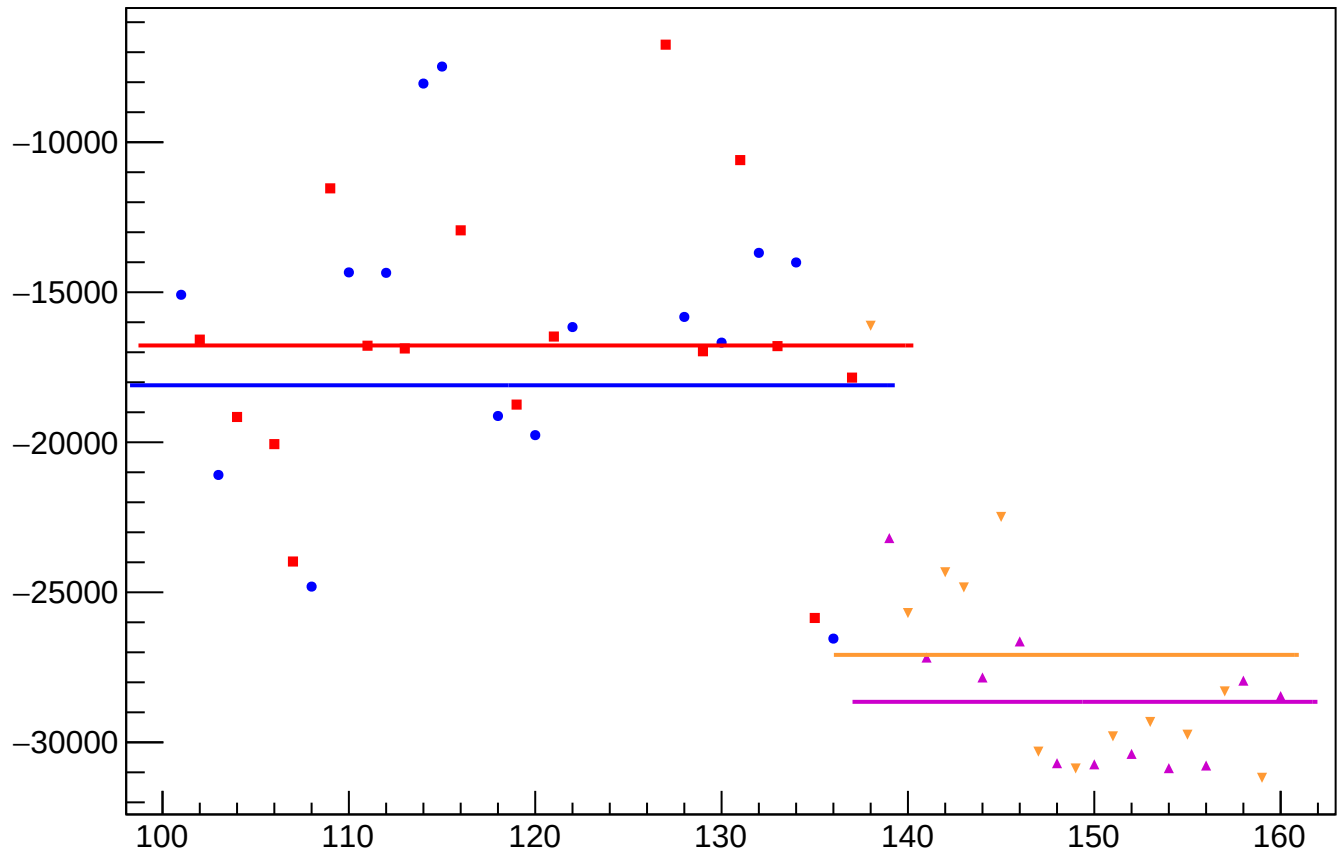
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

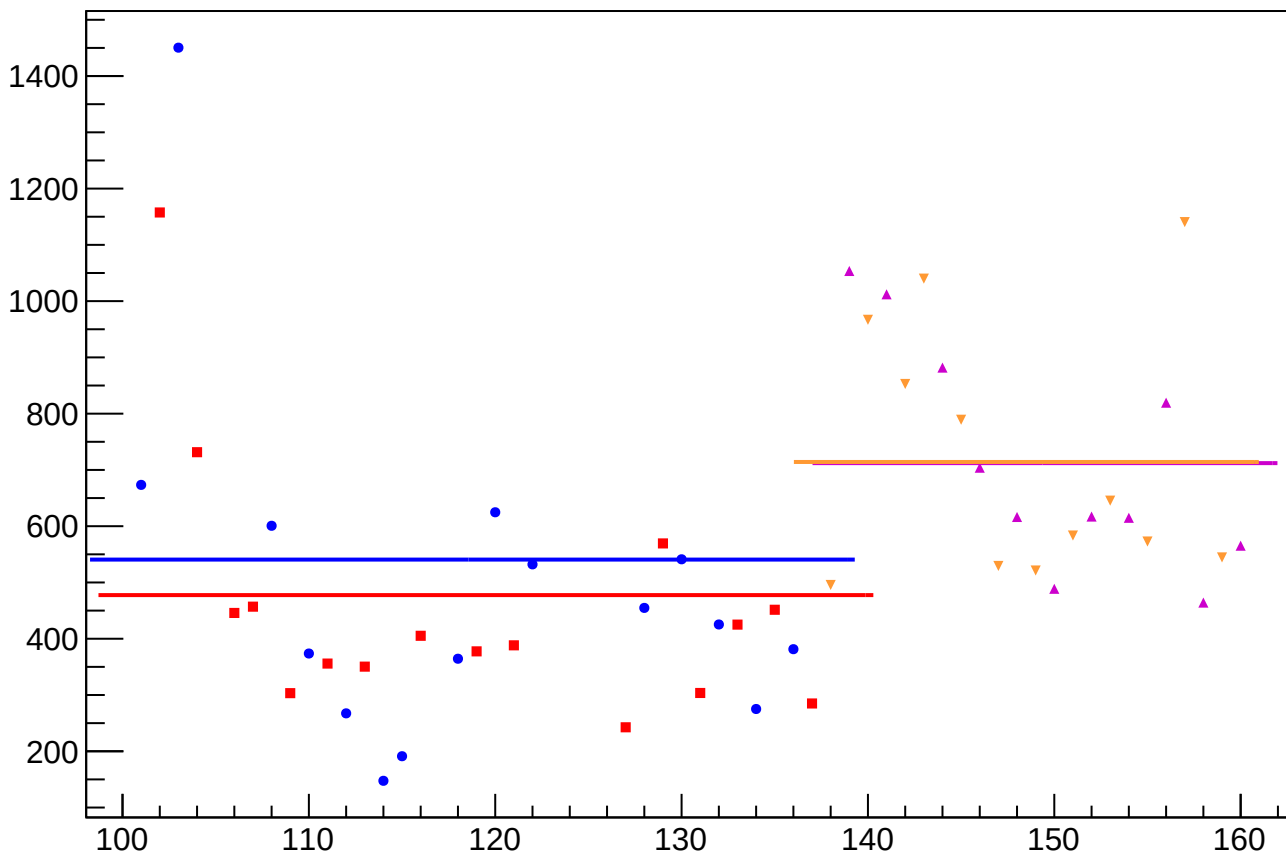
- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign: -23671.259+/-0.000 χ^2/NDF : 7371541854107
 + sign: -23354.640+/-0.000 χ^2/NDF : 621850607090

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

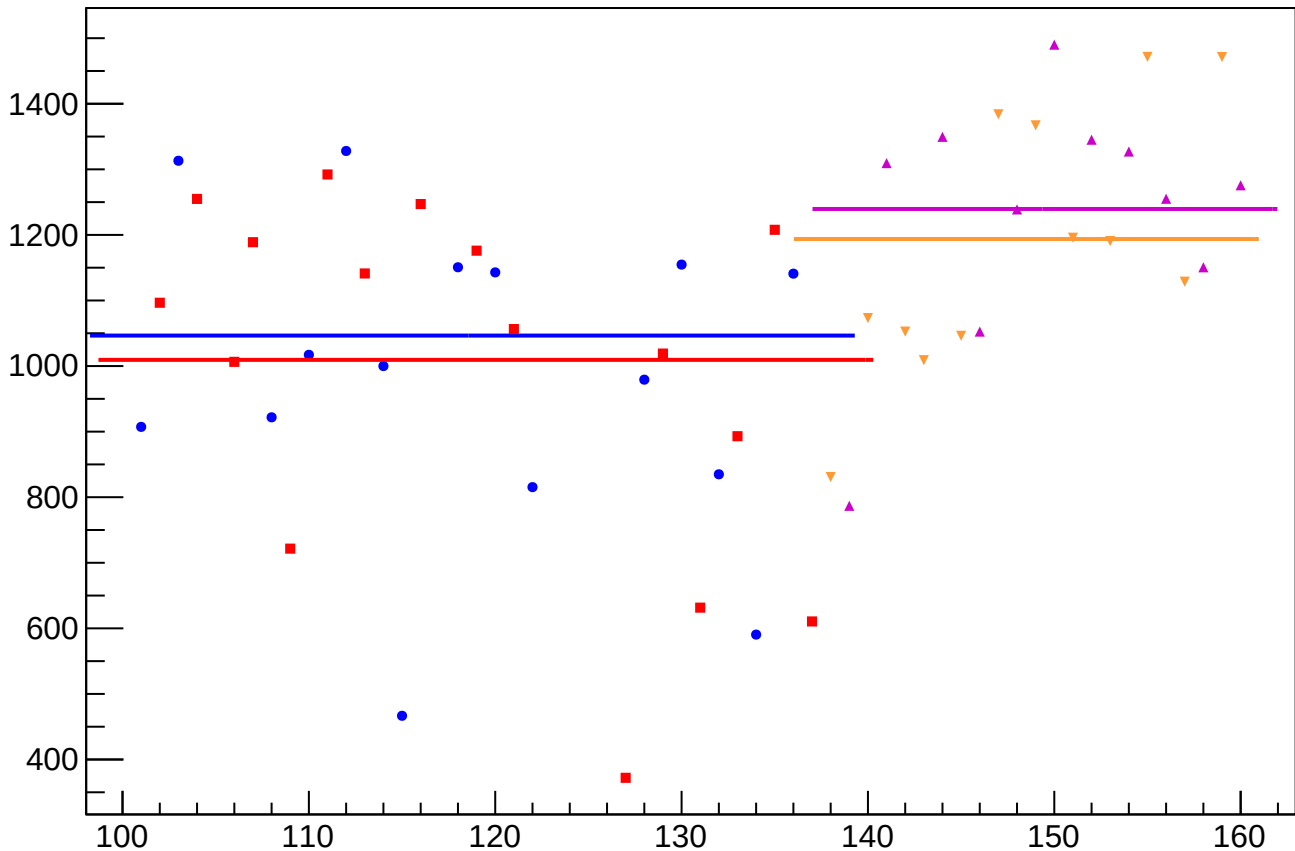
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

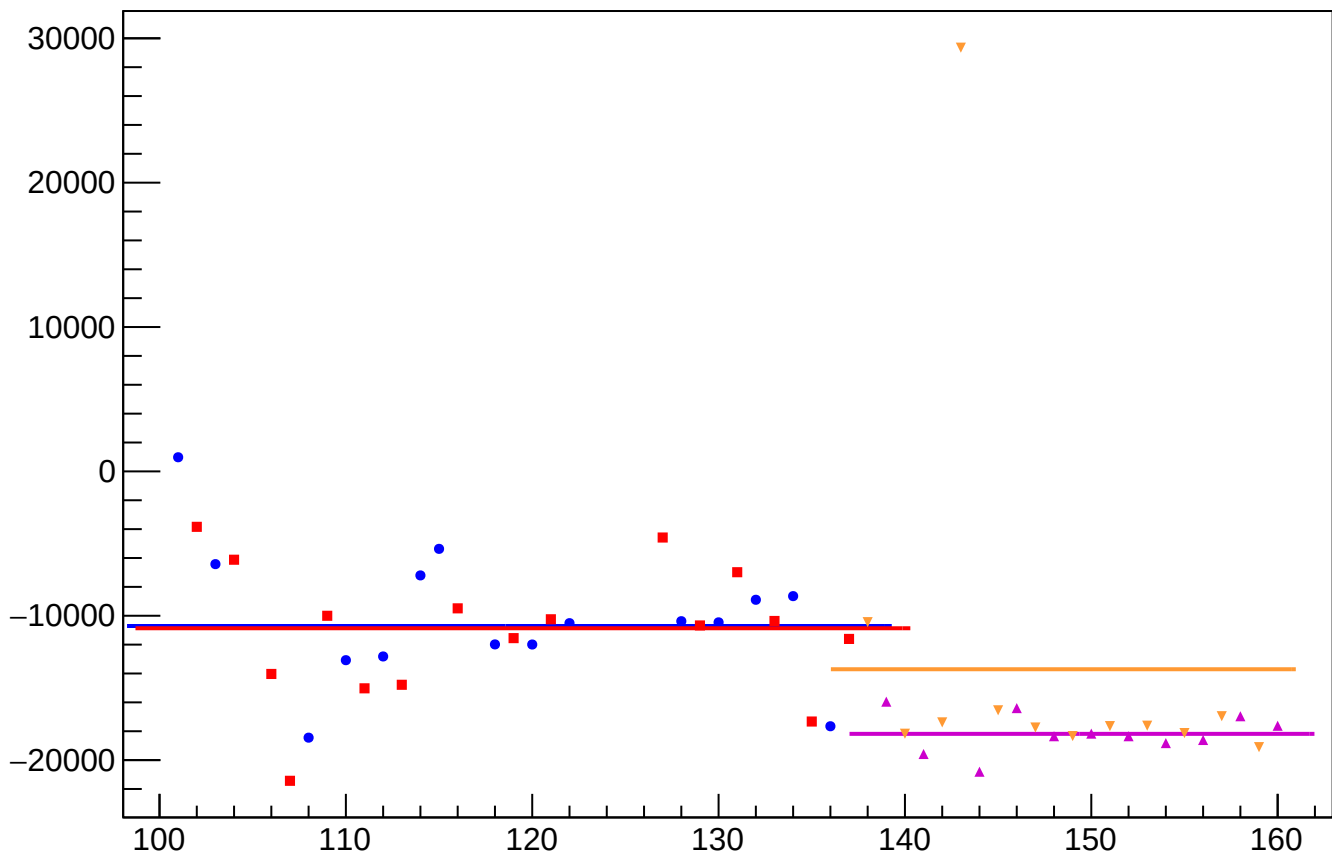
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



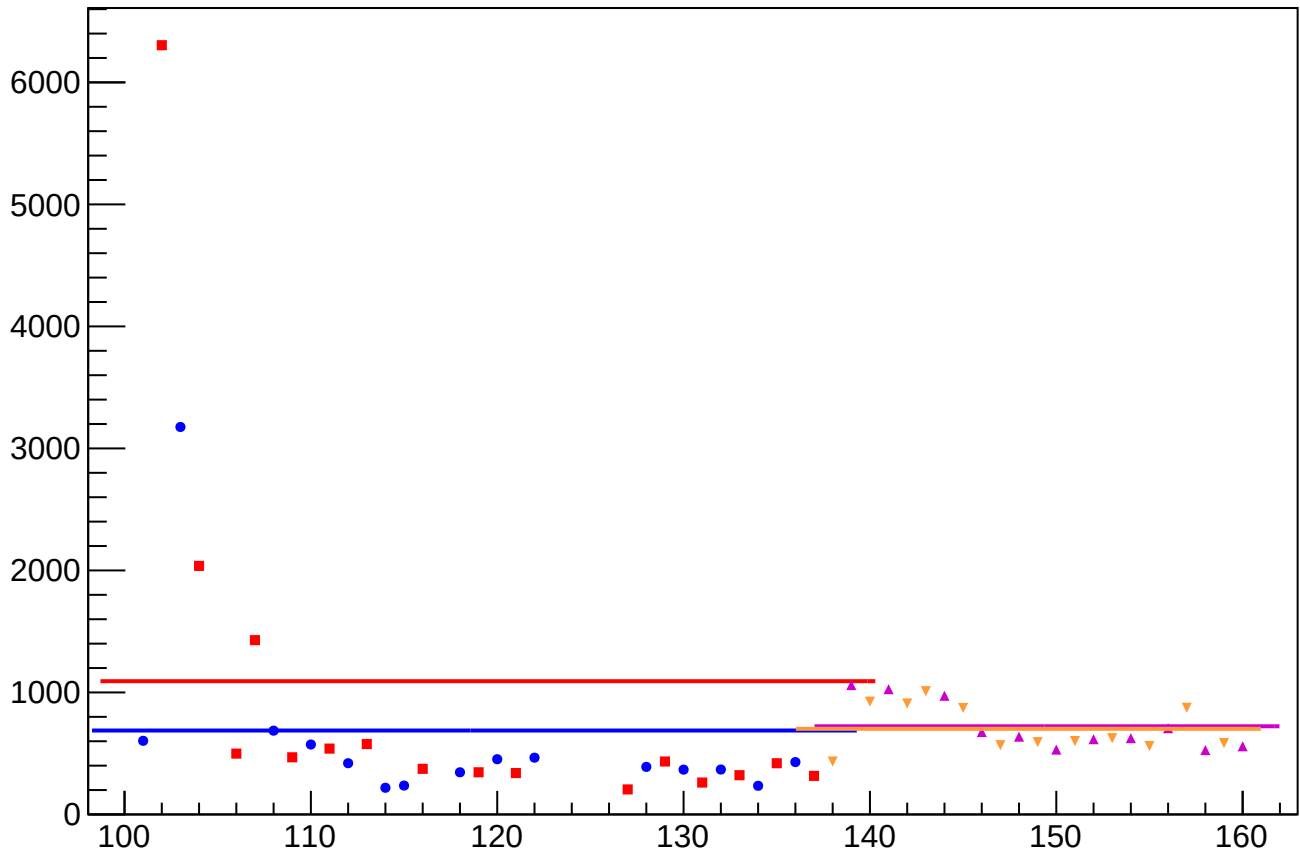
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atl1_coil1_mean vs Slug



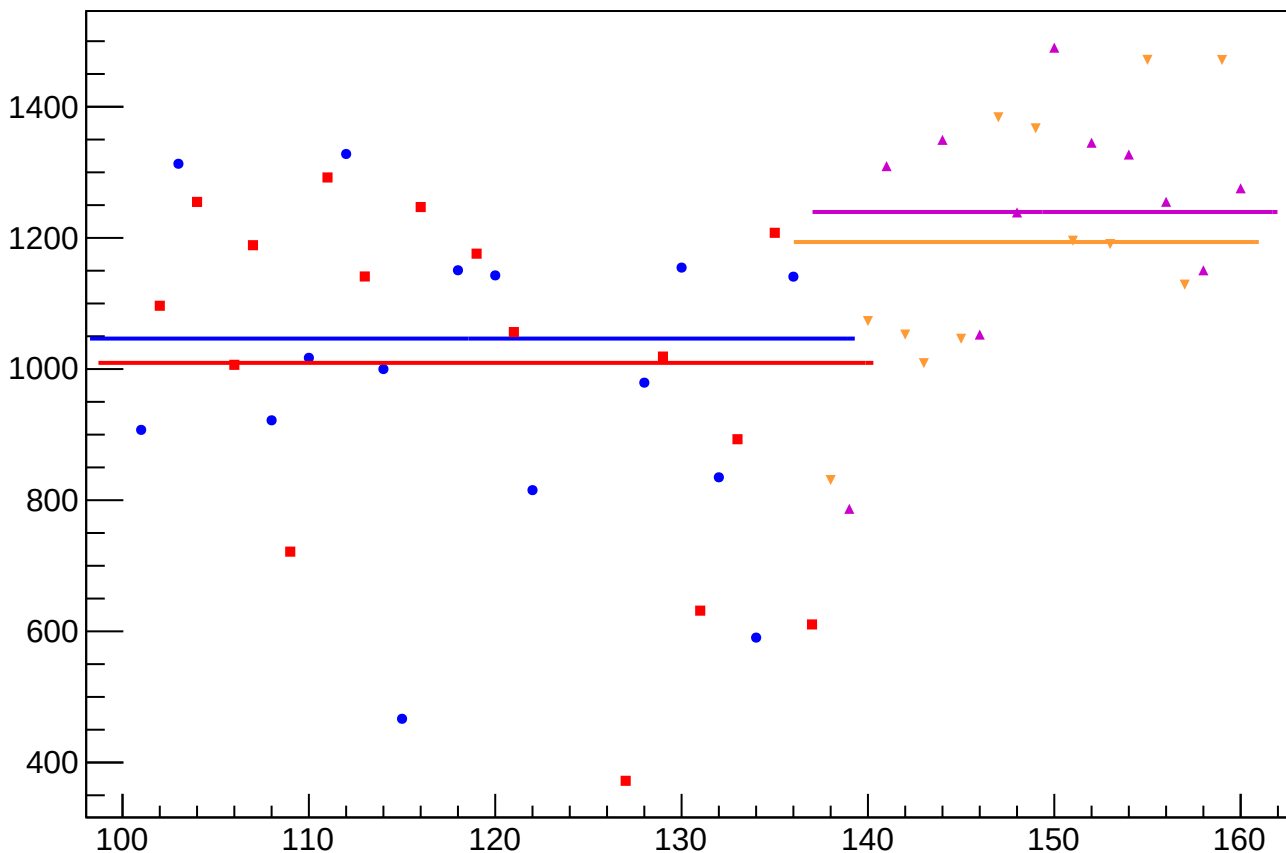
Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -13705.488 ± 0.000 $\chi^2/\text{NDF}: 138226511026527050662319693841079709204480.0/11$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18181.504 ± 0.000 $\chi^2/\text{NDF}: 1643617183572647868818914289162838343680.0/10$

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10
 + sign 696.059+/-0.000 χ^2/NDF : 438382078457774
 All: 787.665+/-0.000 χ^2/NDF : 24341689483
 - sign 877.659+/-0.000 χ^2/NDF : 196978539018965

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

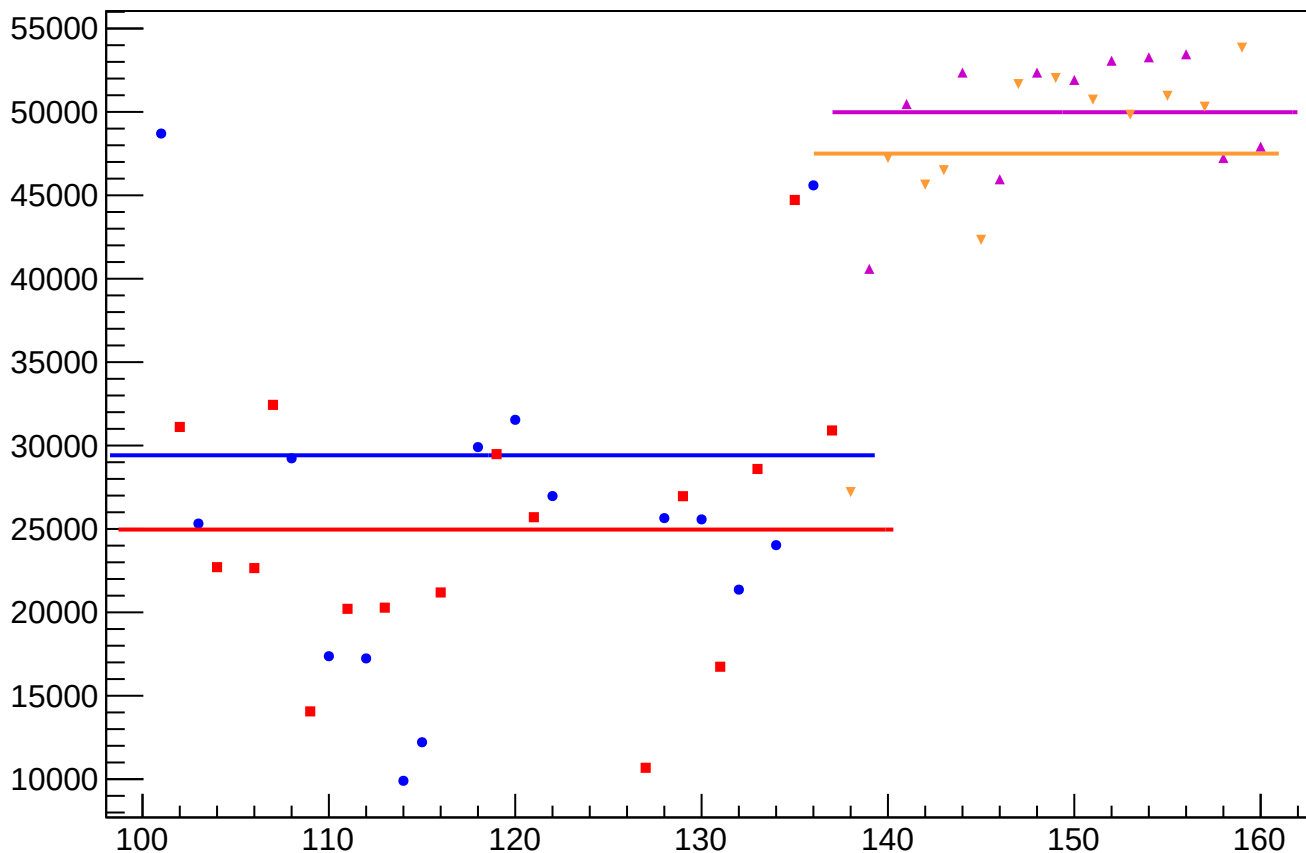
Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884 ± 0.000 χ^2/NDF : 16179959910

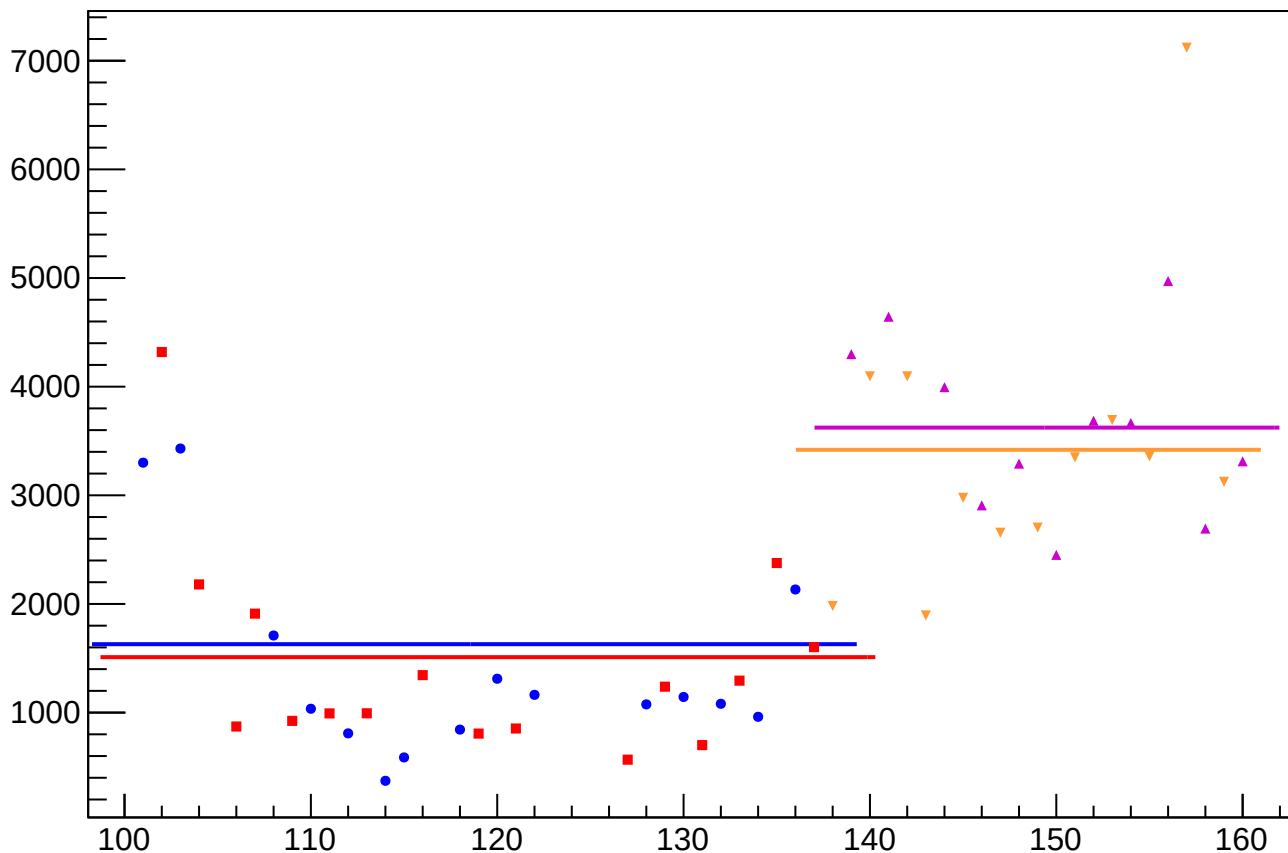
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

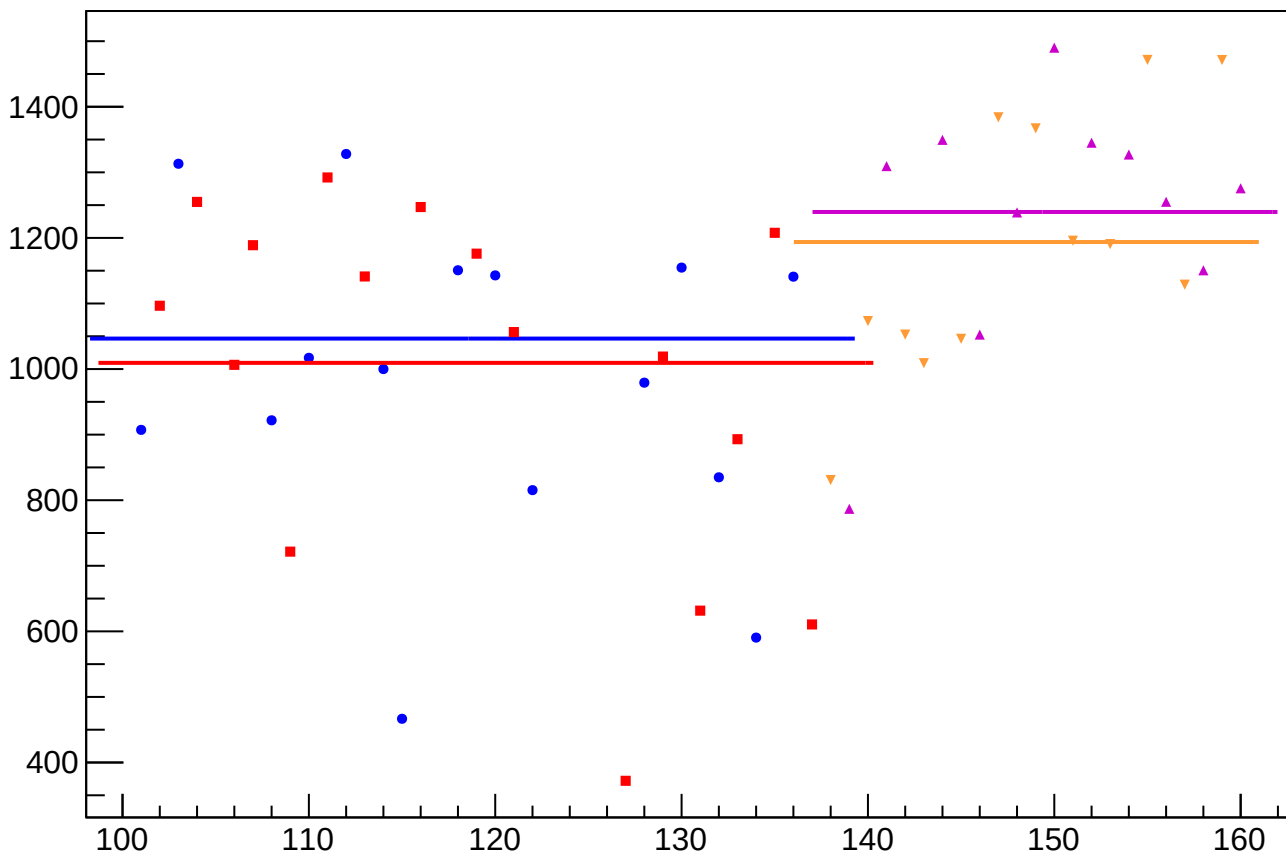
dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10

+ sign 2675.926+/-0.000 χ^2/NDF : 33424300848042
 All: 2706.904+/-0.000 χ^2/NDF : 63005491565
 - sign 2737.338+/-0.000 χ^2/NDF : 29551454832887

dit_atl2_coil1_Ndata_mean vs Slug



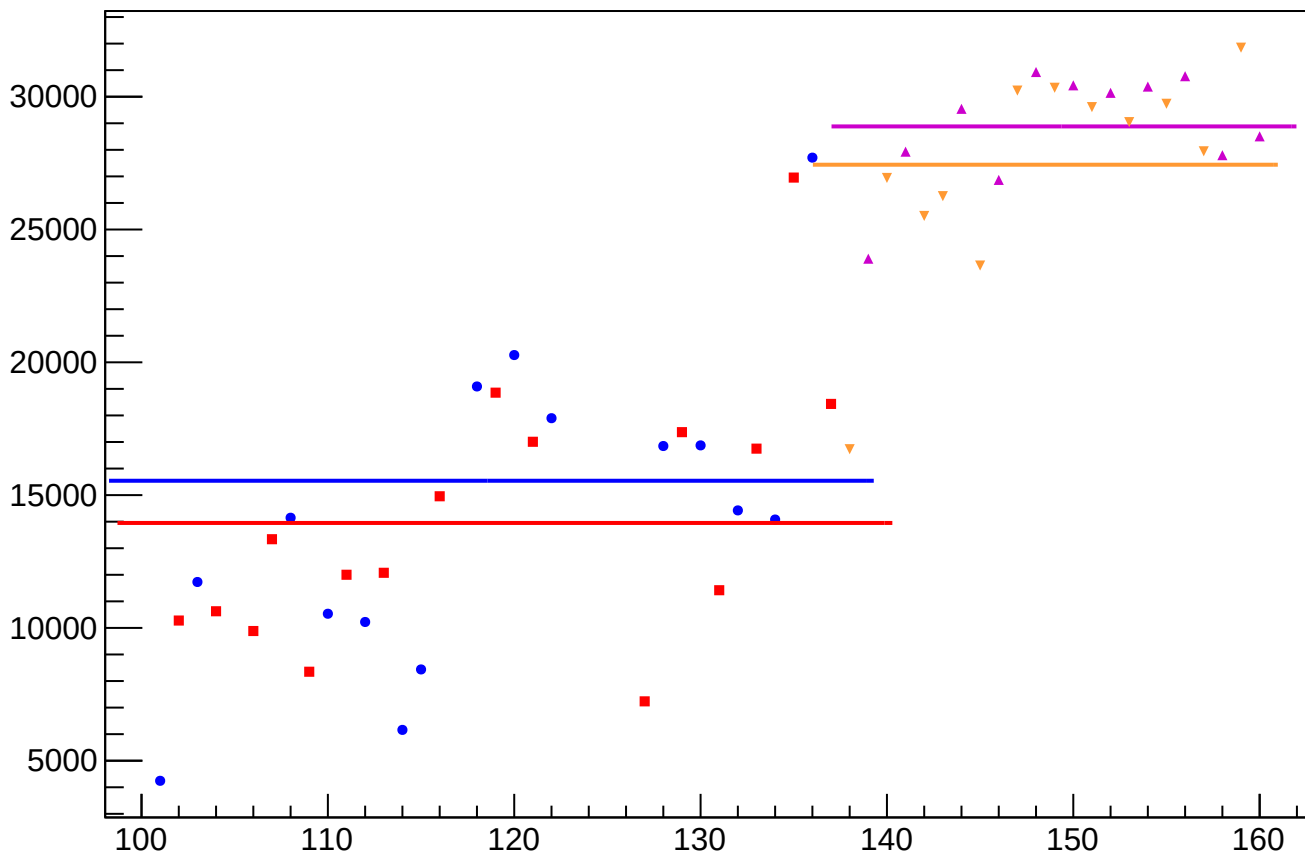
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

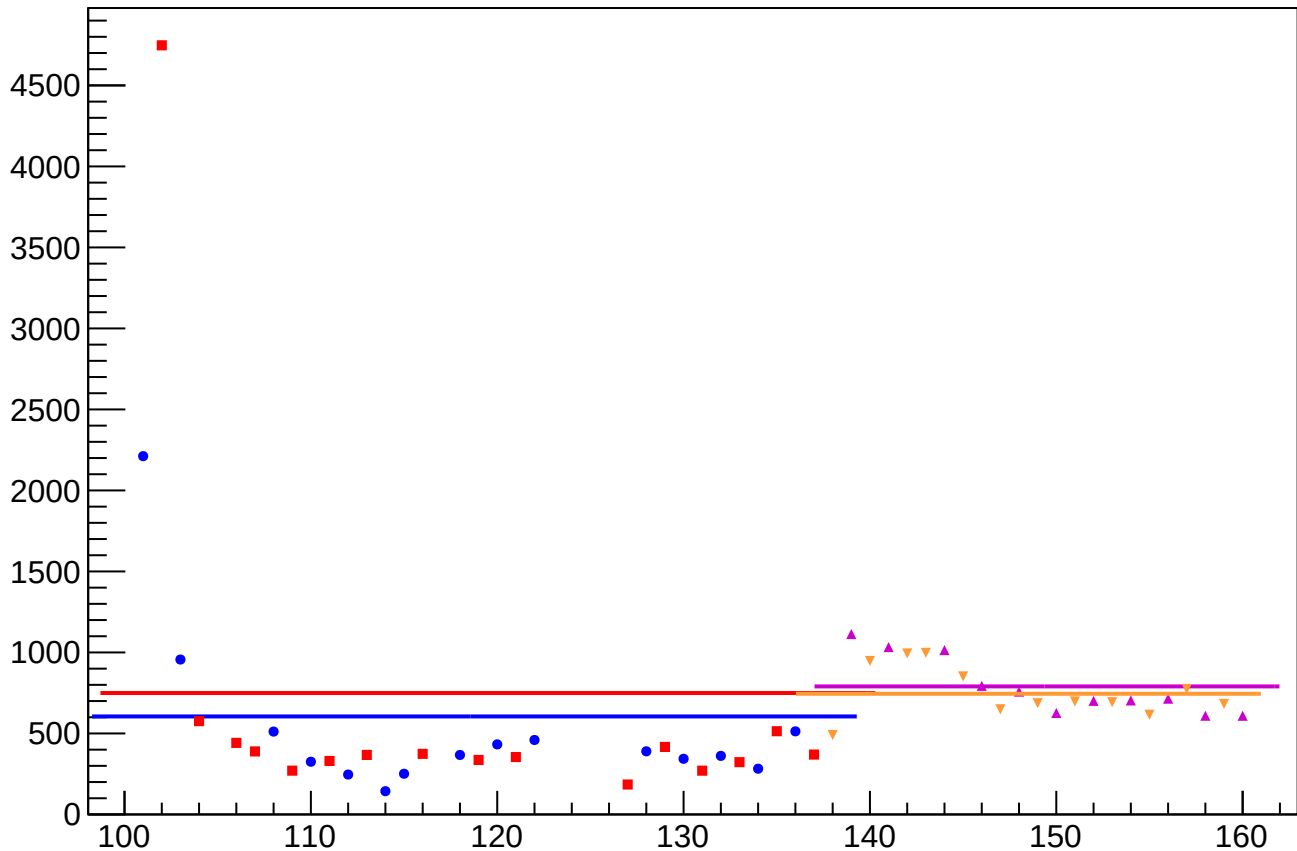
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27439.616+/-0.000	χ^2/NDF : 14247025908871725813351088668818926469120.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22498.900+/-0.000 χ^2/NDF : 9536357865964
 All: 22561.315+/-0.000 χ^2/NDF : 2024381611
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

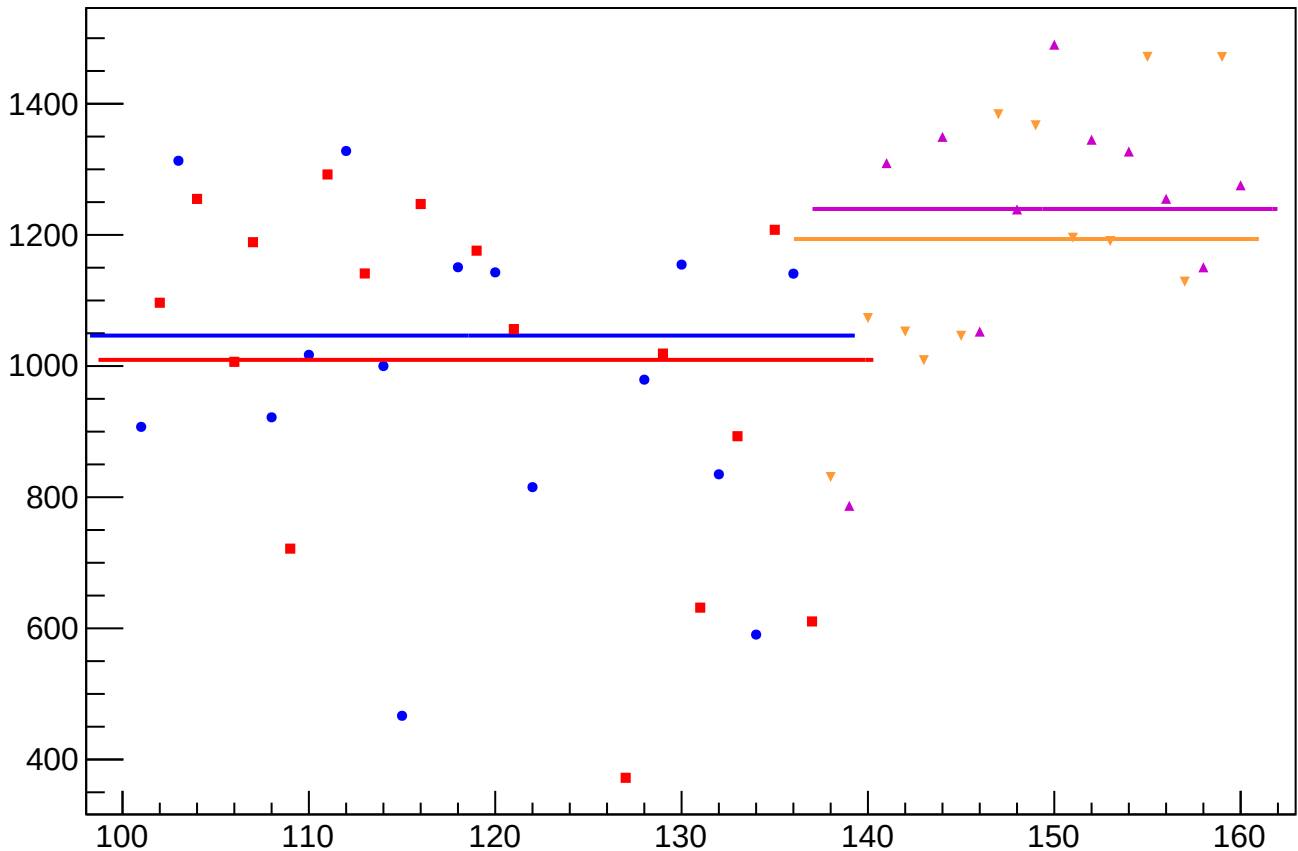
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

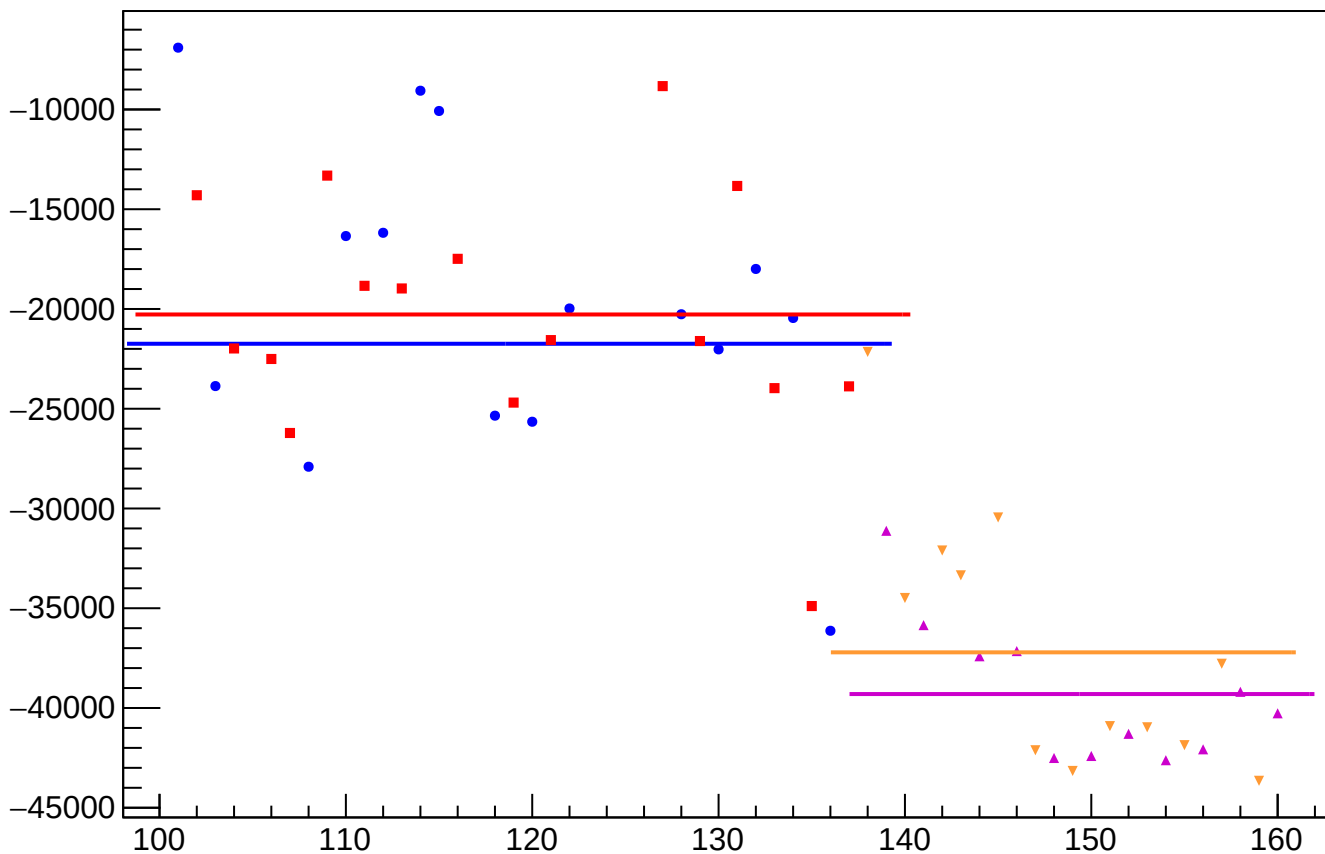
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



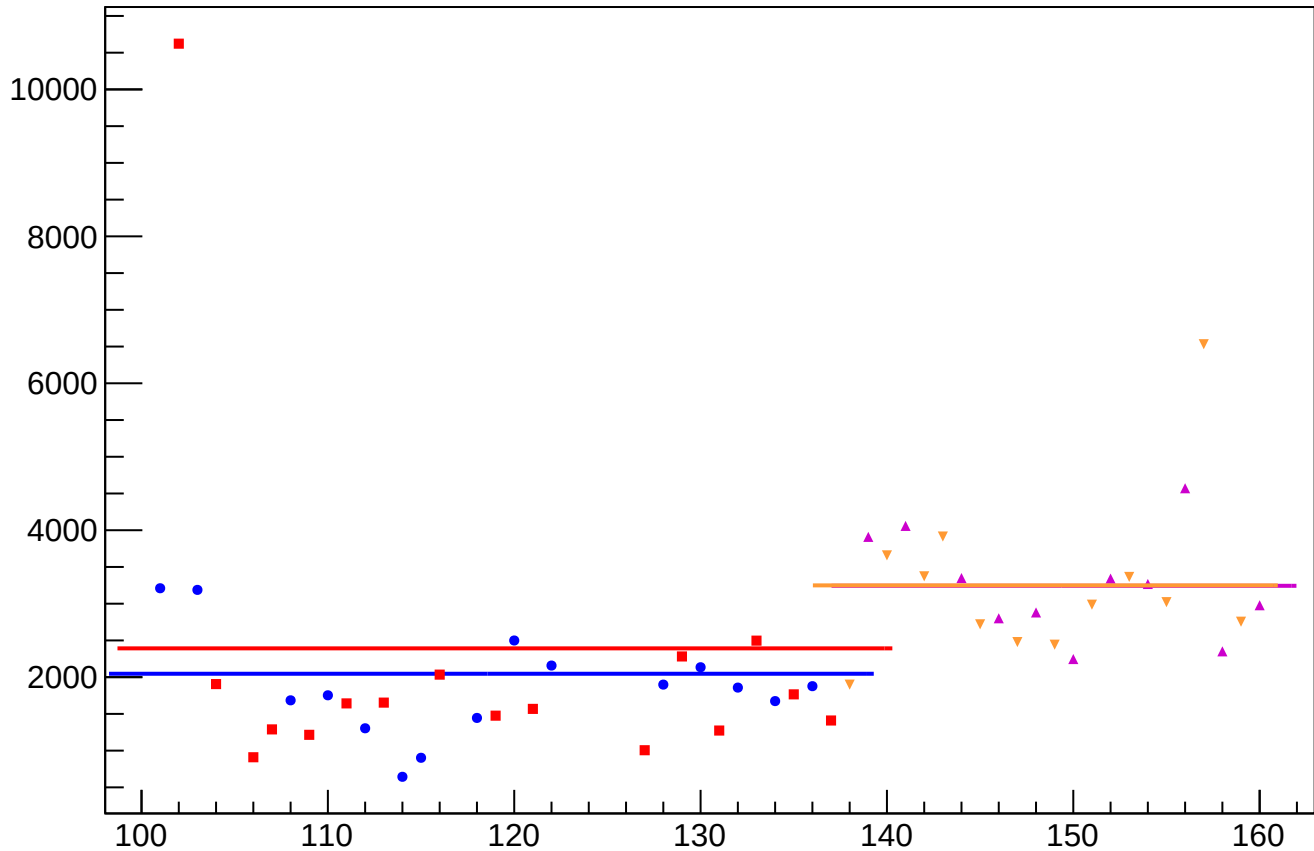
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



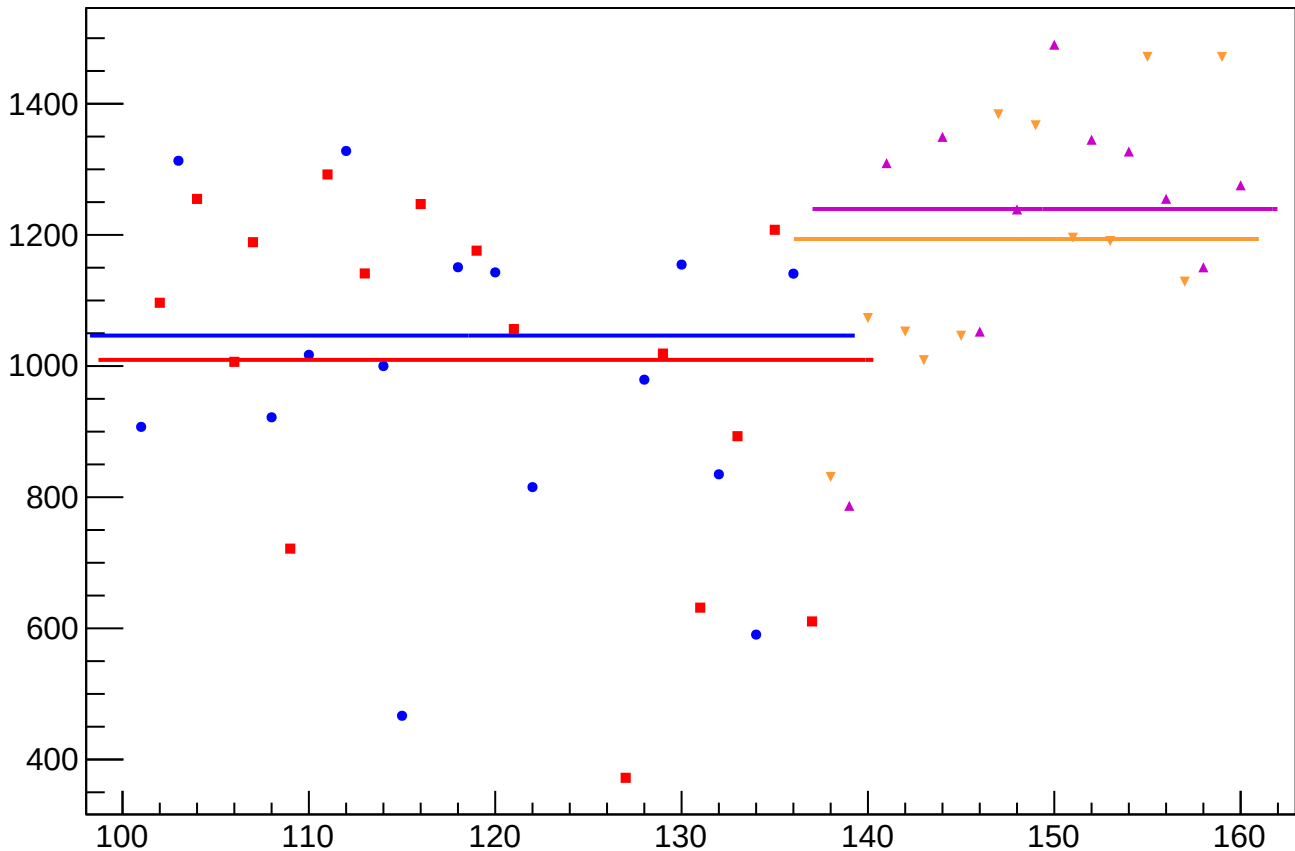
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



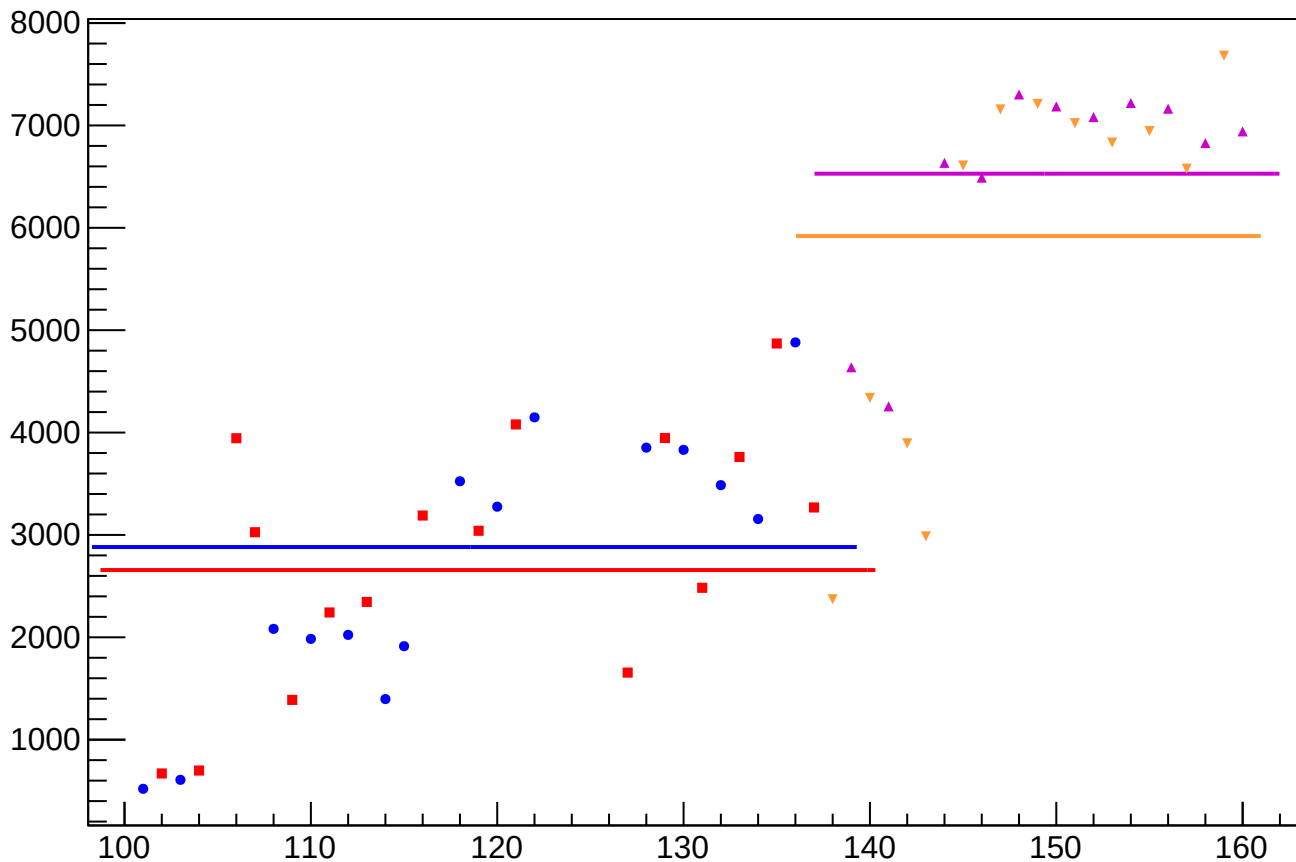
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



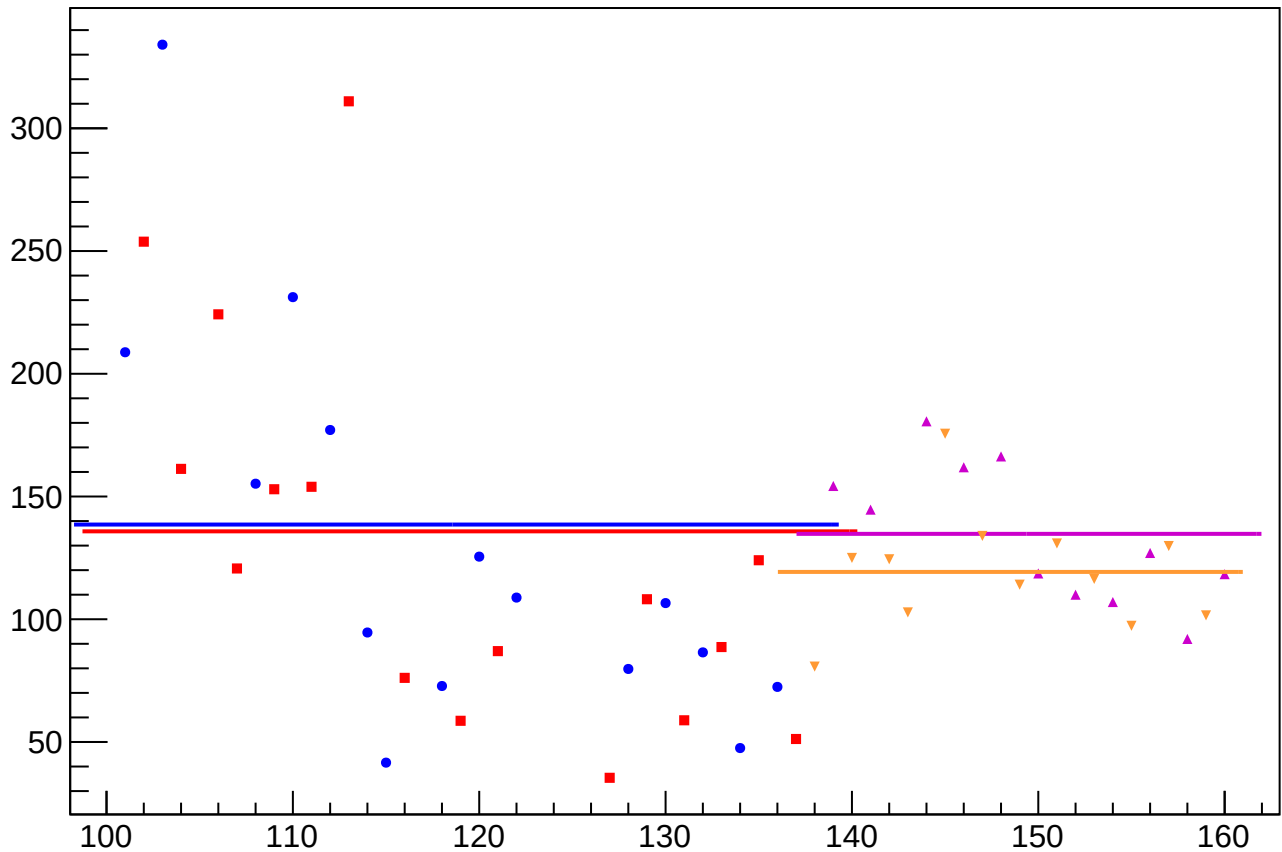
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



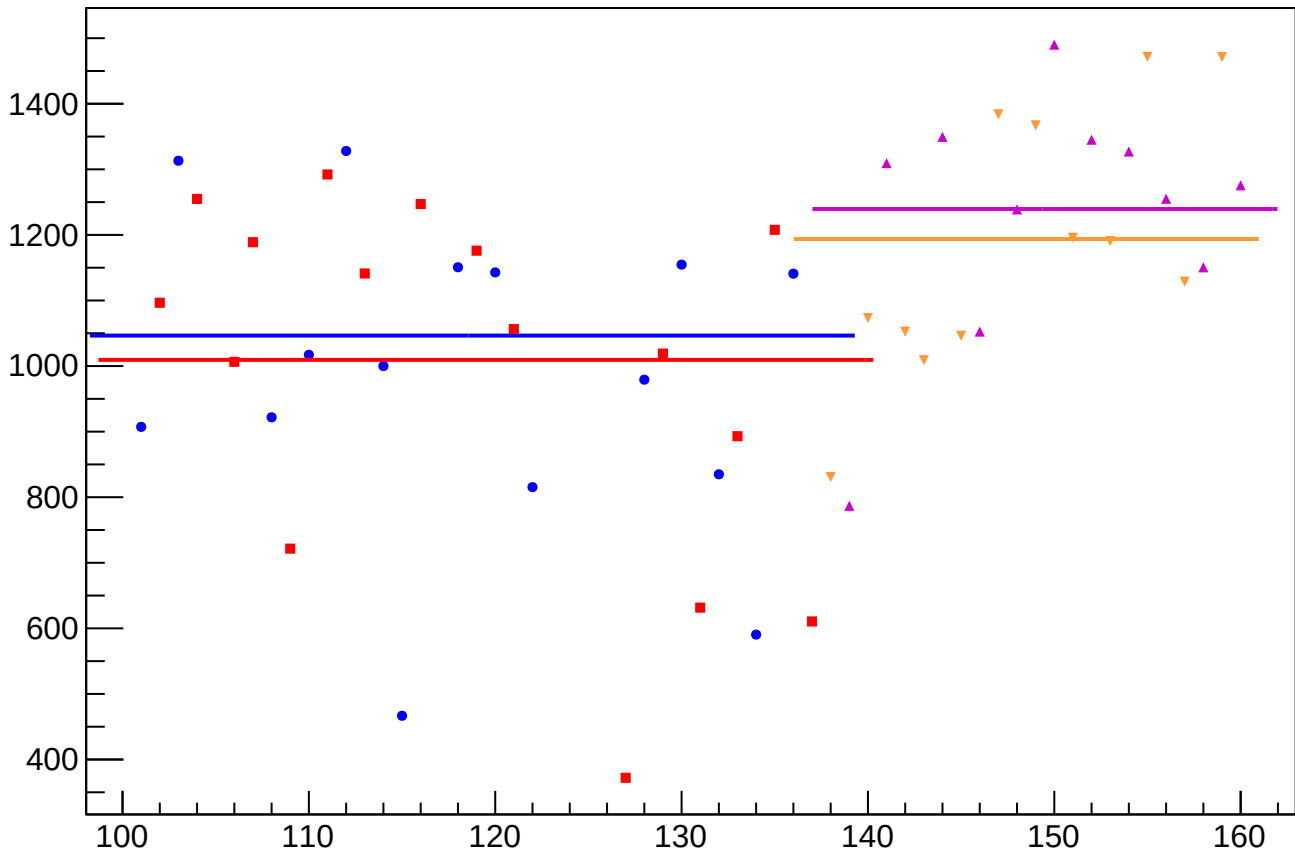
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug



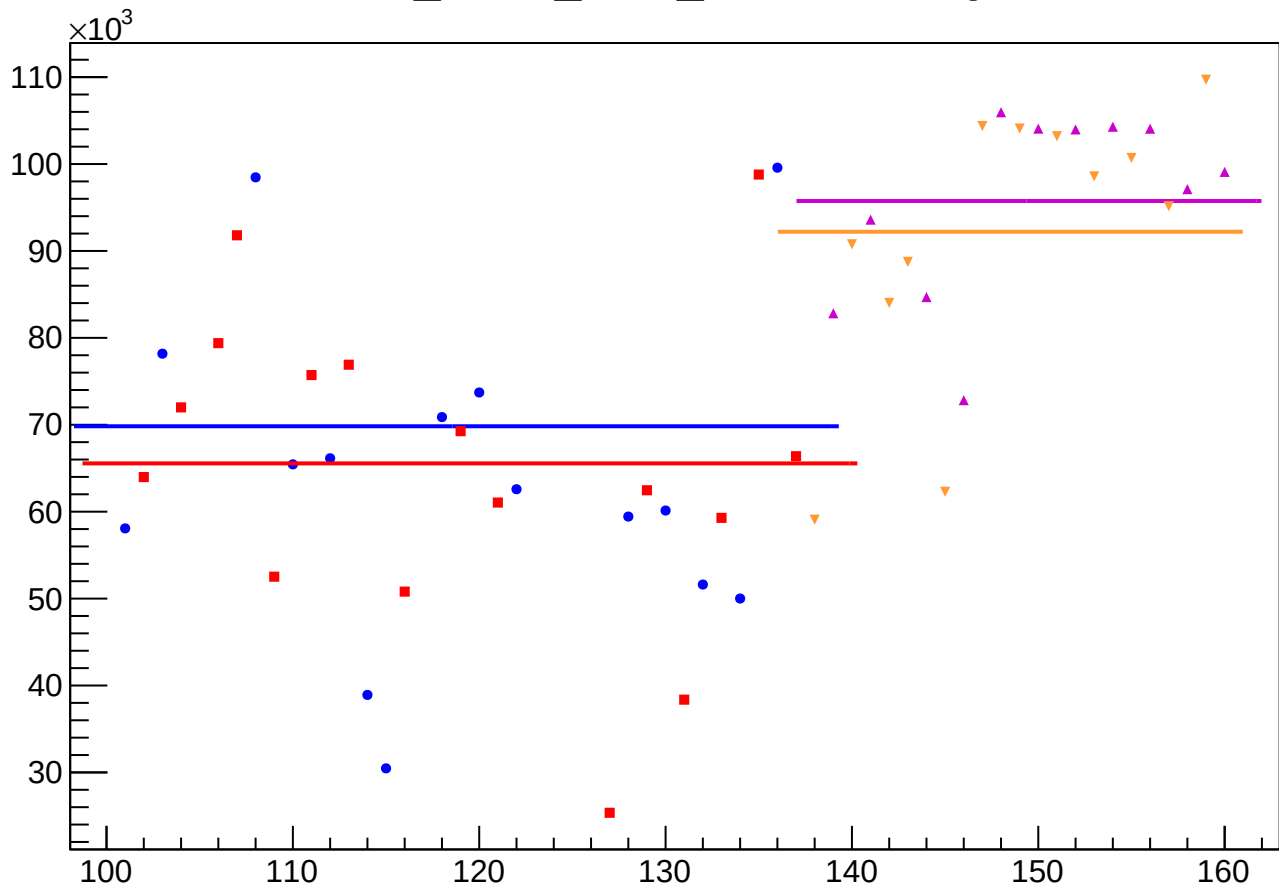
Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Left Out: 119.282+/-0.000 χ^2/NDF : 487845779395217879153815293985292288.0/11
 Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 Left In: 134.785+/-0.000 χ^2/NDF : 689808602632315539029860685392642048.0/10

dit_sam1_coil1_Ndata_mean vs Slug



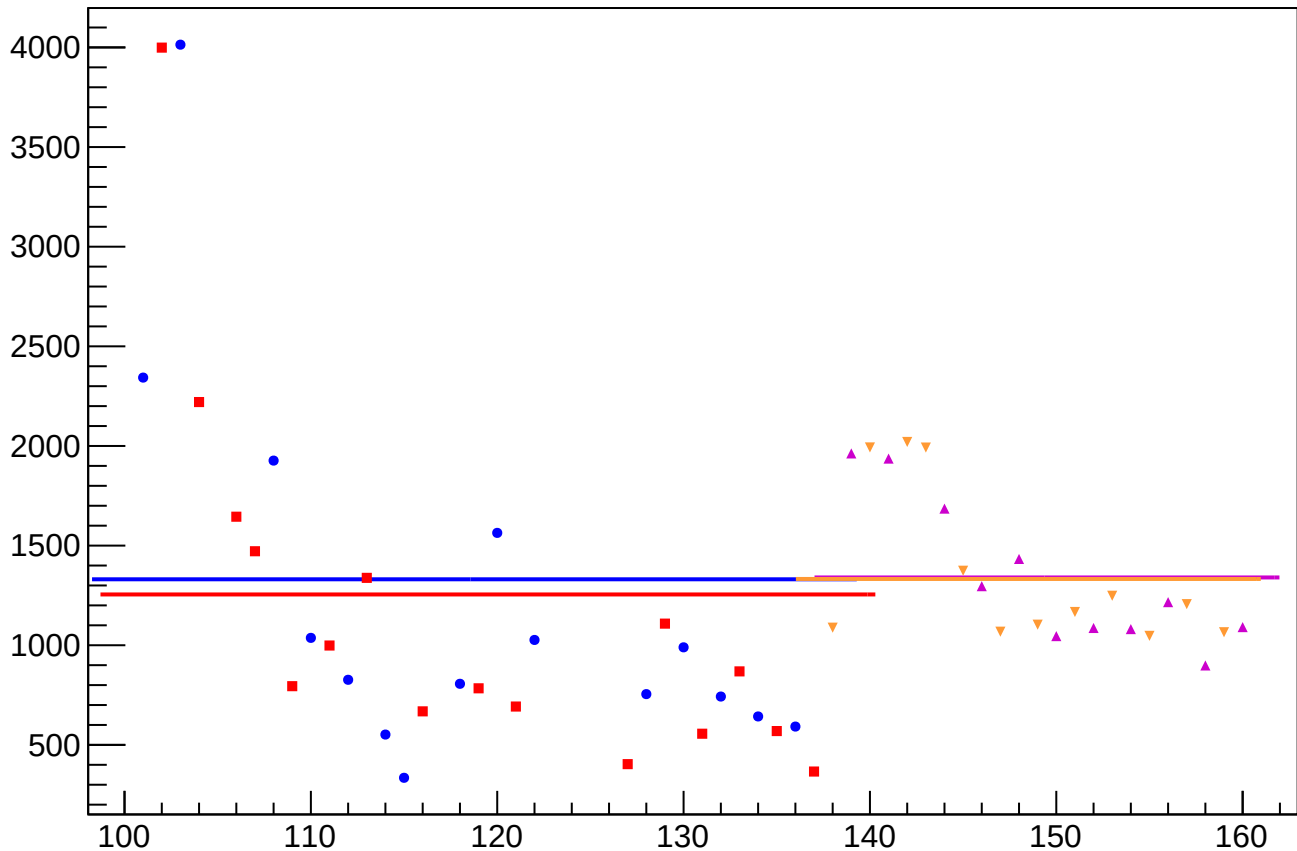
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam2_coil1_mean vs Slug



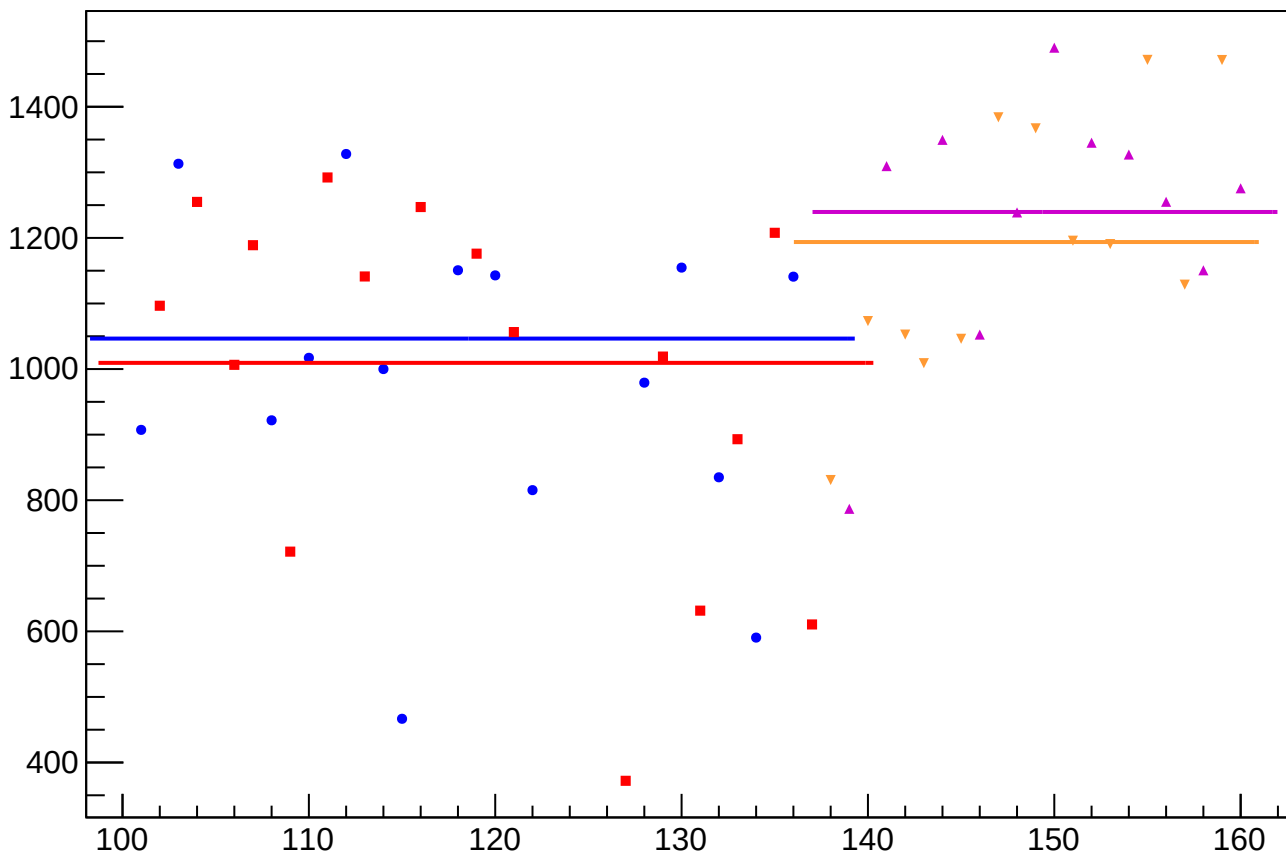
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 92210.698 $\pm$ 0.000 χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
 Right Out: 65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: 95749.411 $\pm$ 0.000 χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

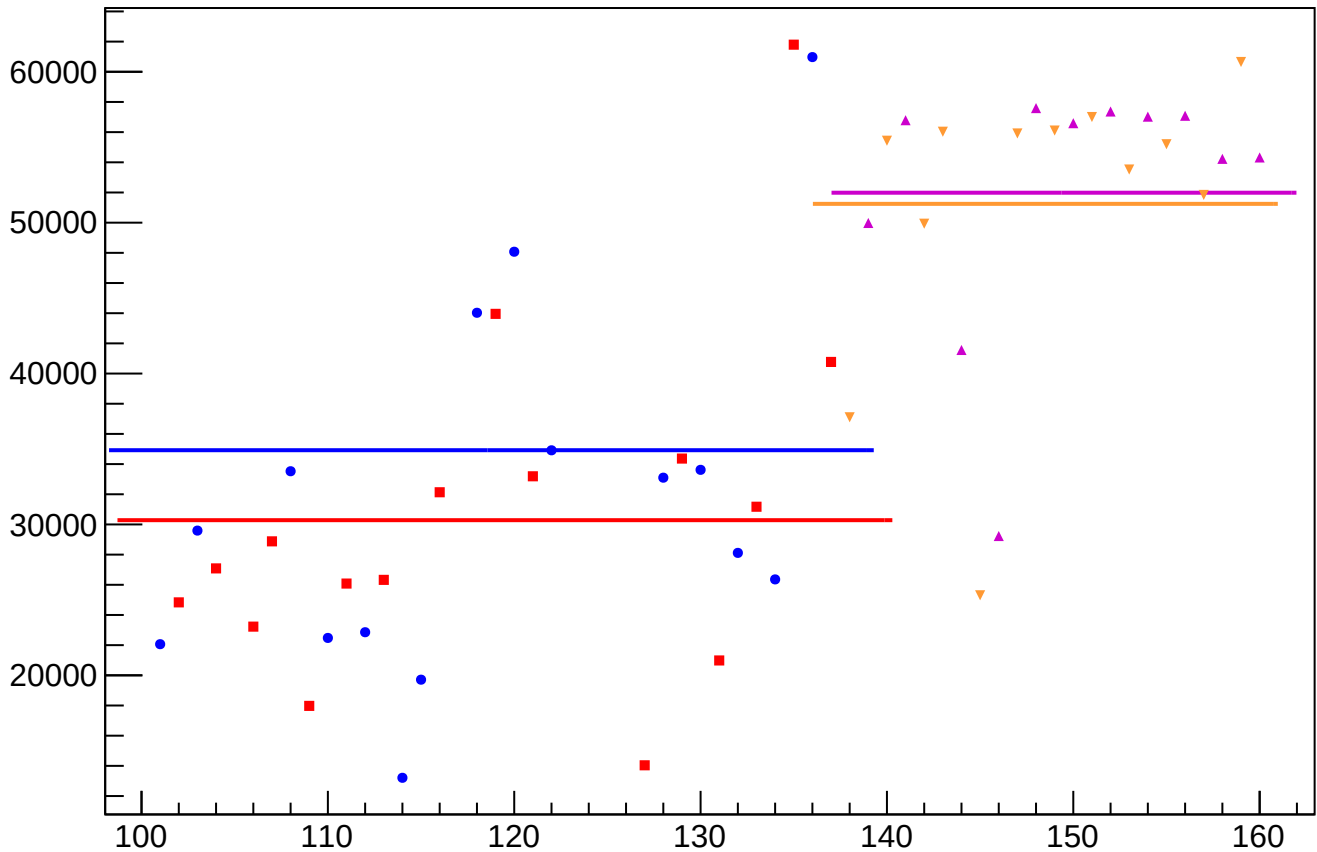
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

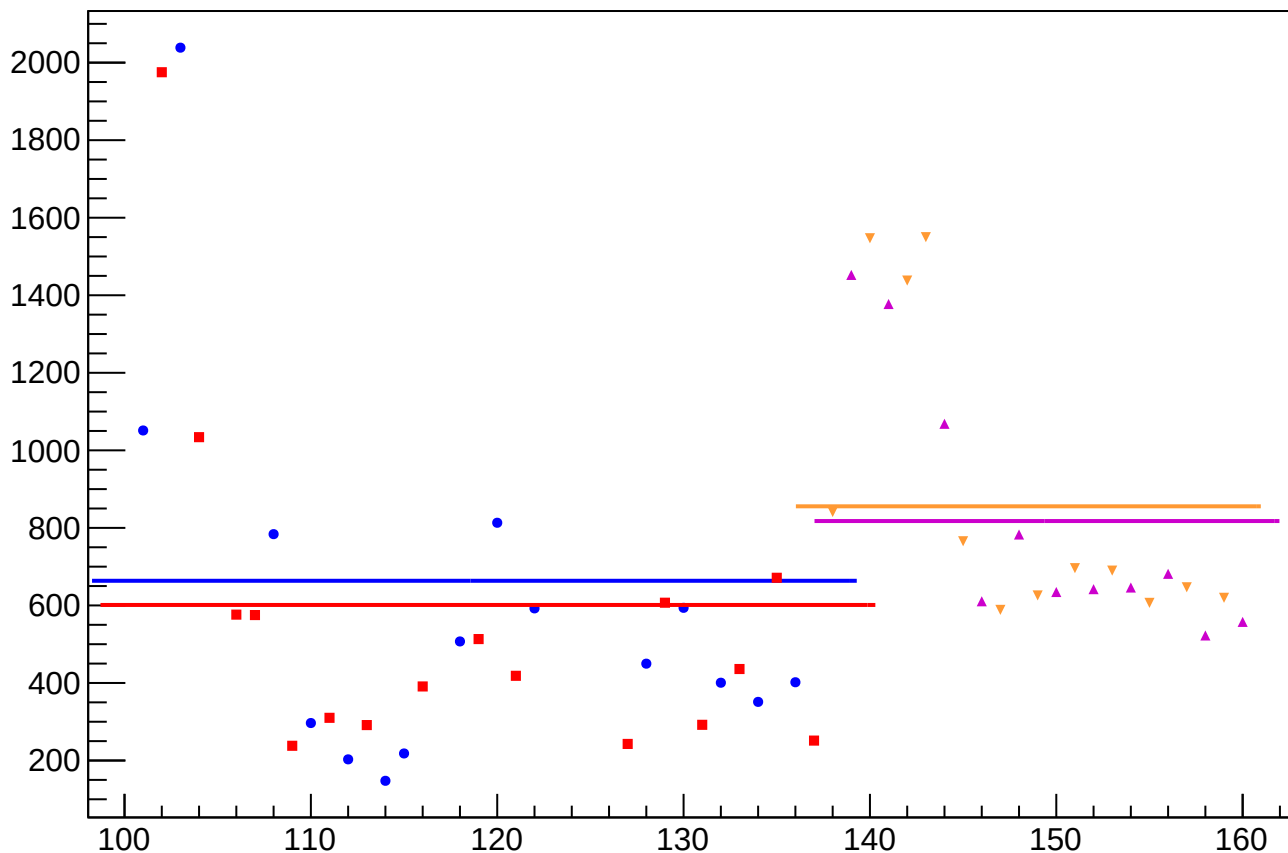
All: 1137.884+/-0.000 χ^2/NDF : 16179959910

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 51246.568+/-0.000 χ^2/NDF : 86168540614102445062046954668602534395904.0/11
 Right Out: 30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 51985.374+/-0.000 χ^2/NDF : 67172587579518863379504132116294676774912.0/10

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

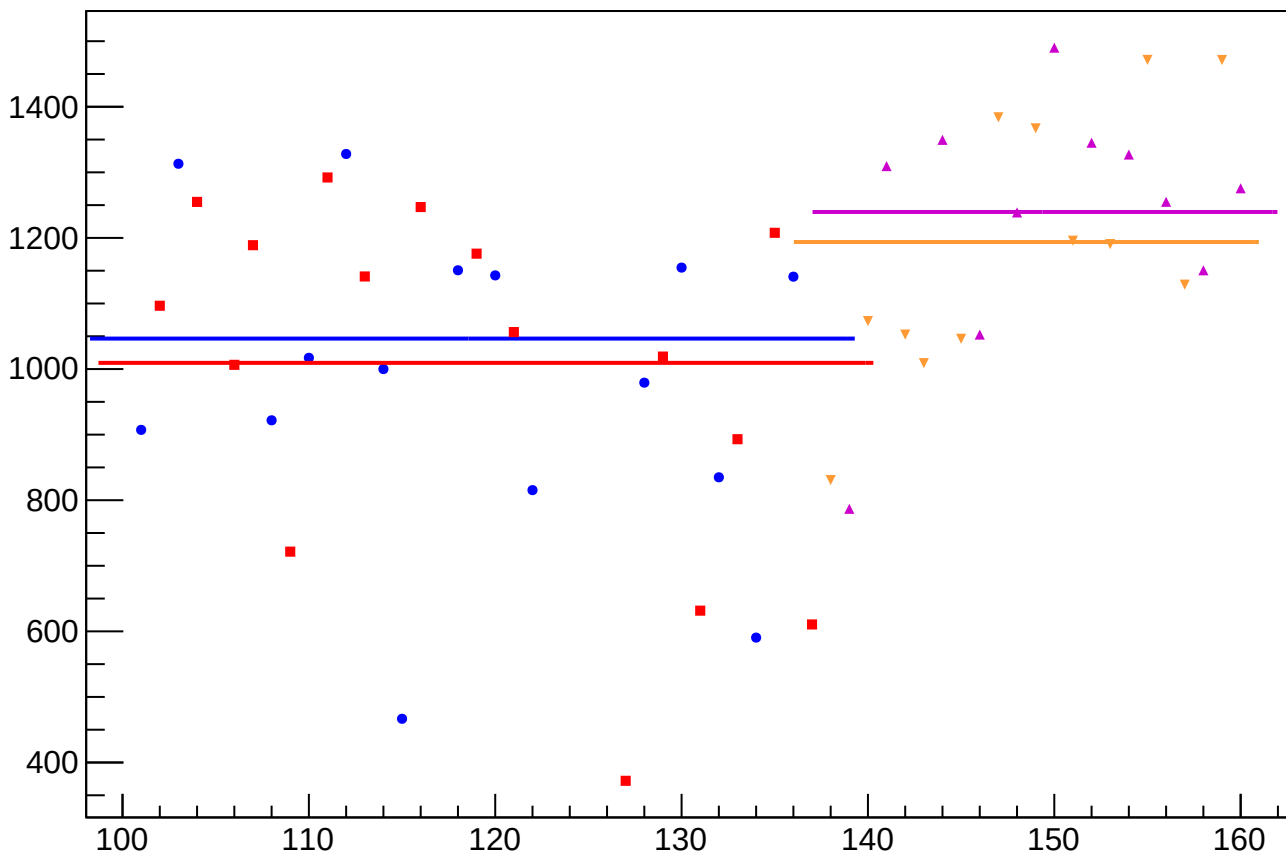
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



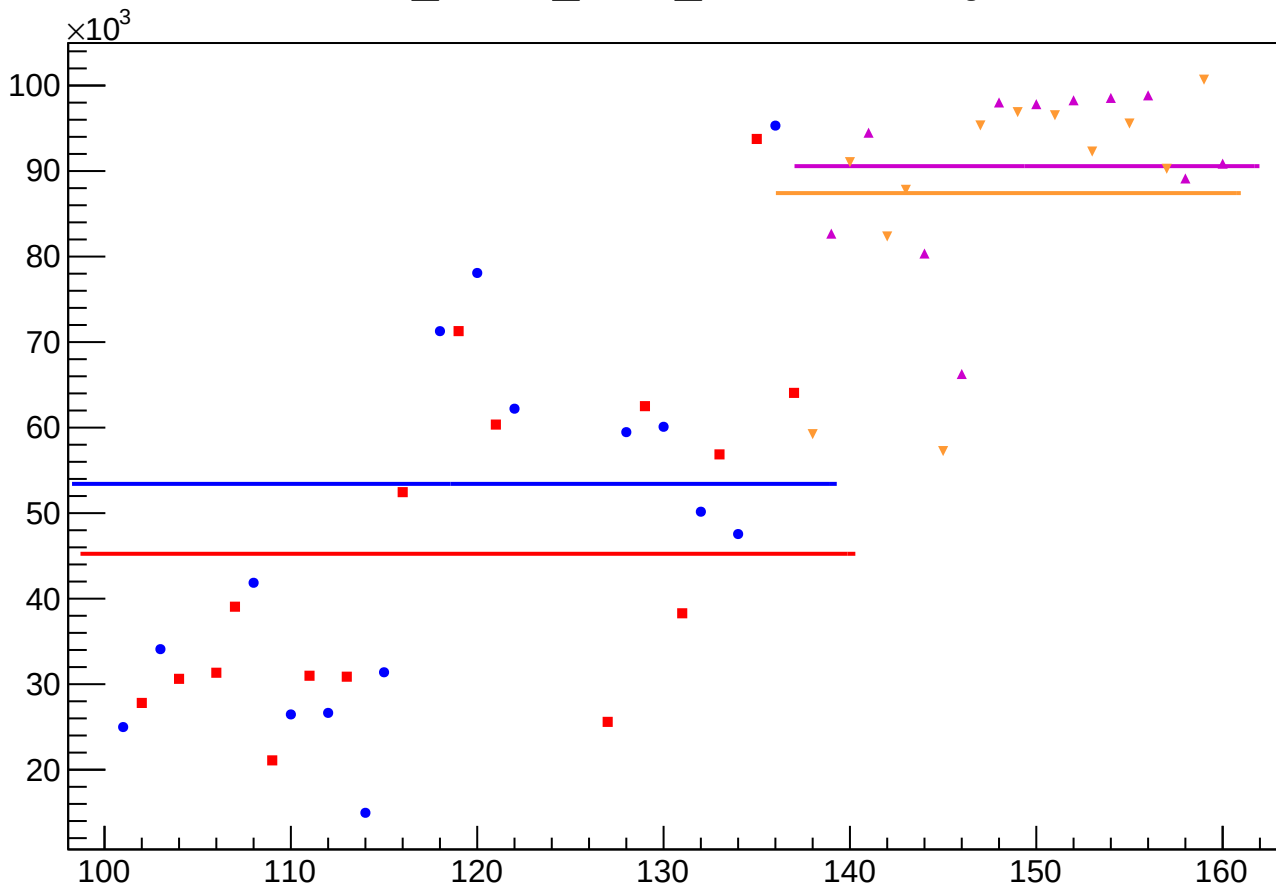
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

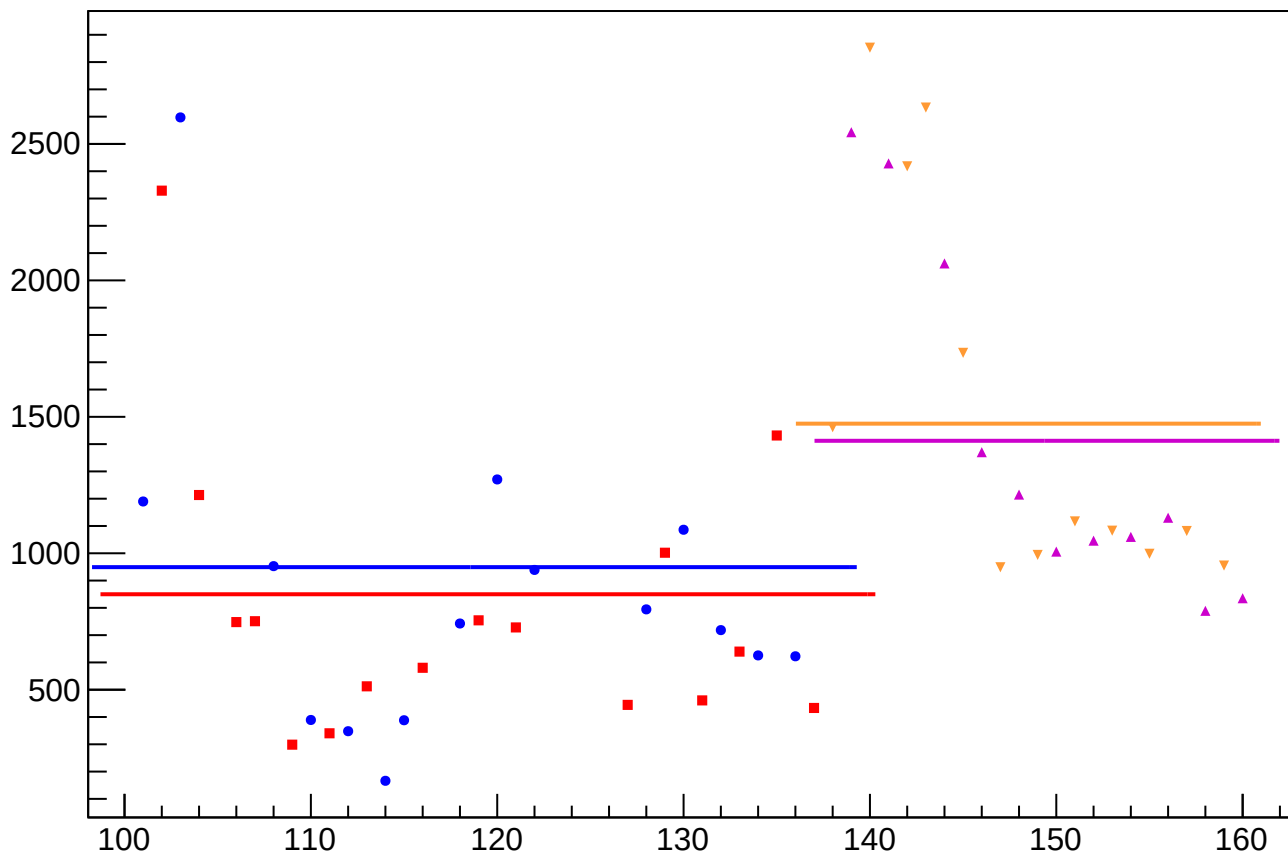
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam4_coil1_mean vs Slug



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left Out: 87421.965 $\pm$ 0.000 χ^2 /NDF: 176009447933973172298765808269588074332160.0/11
 Right Out: 45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: 90573.760 $\pm$ 0.000 χ^2 /NDF: 90574081394354221593949262312406685581312.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

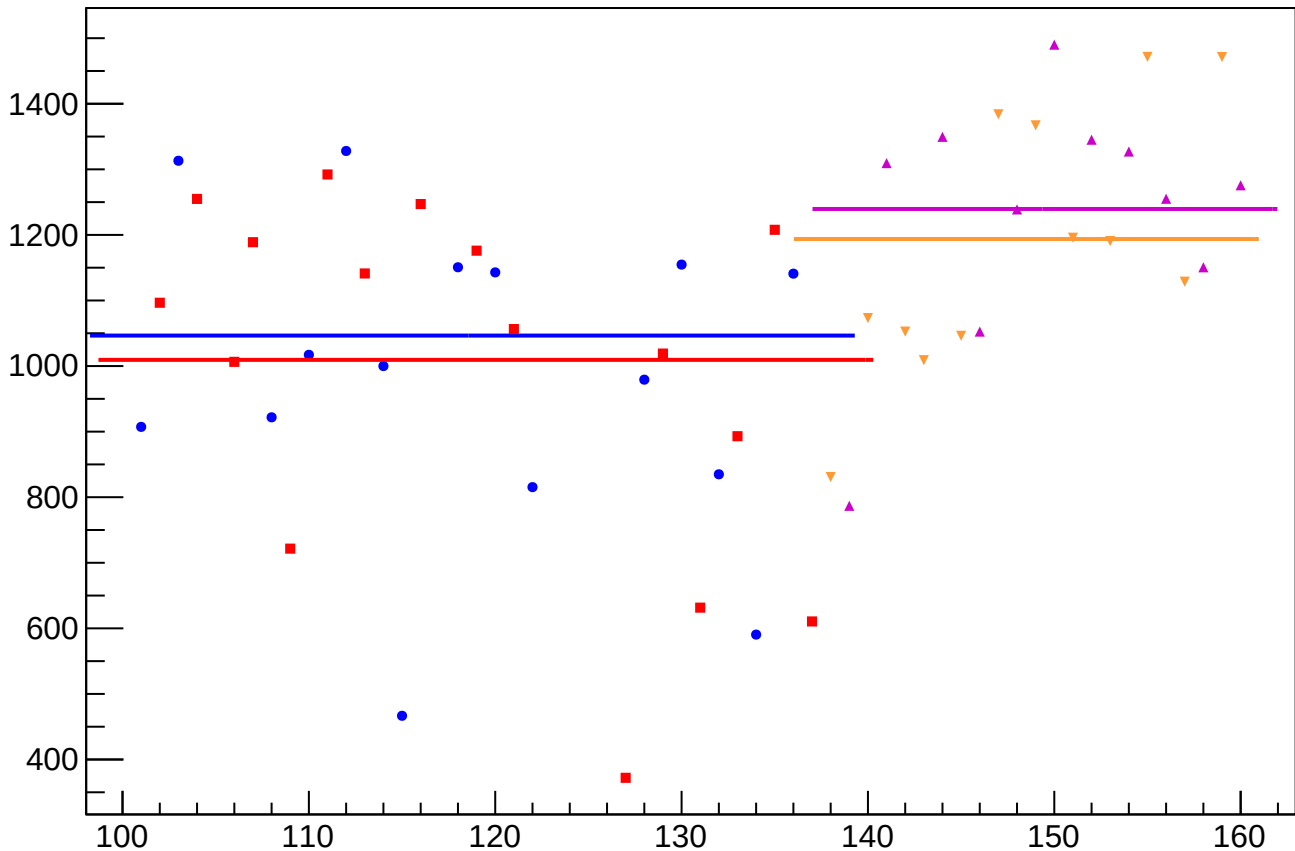
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

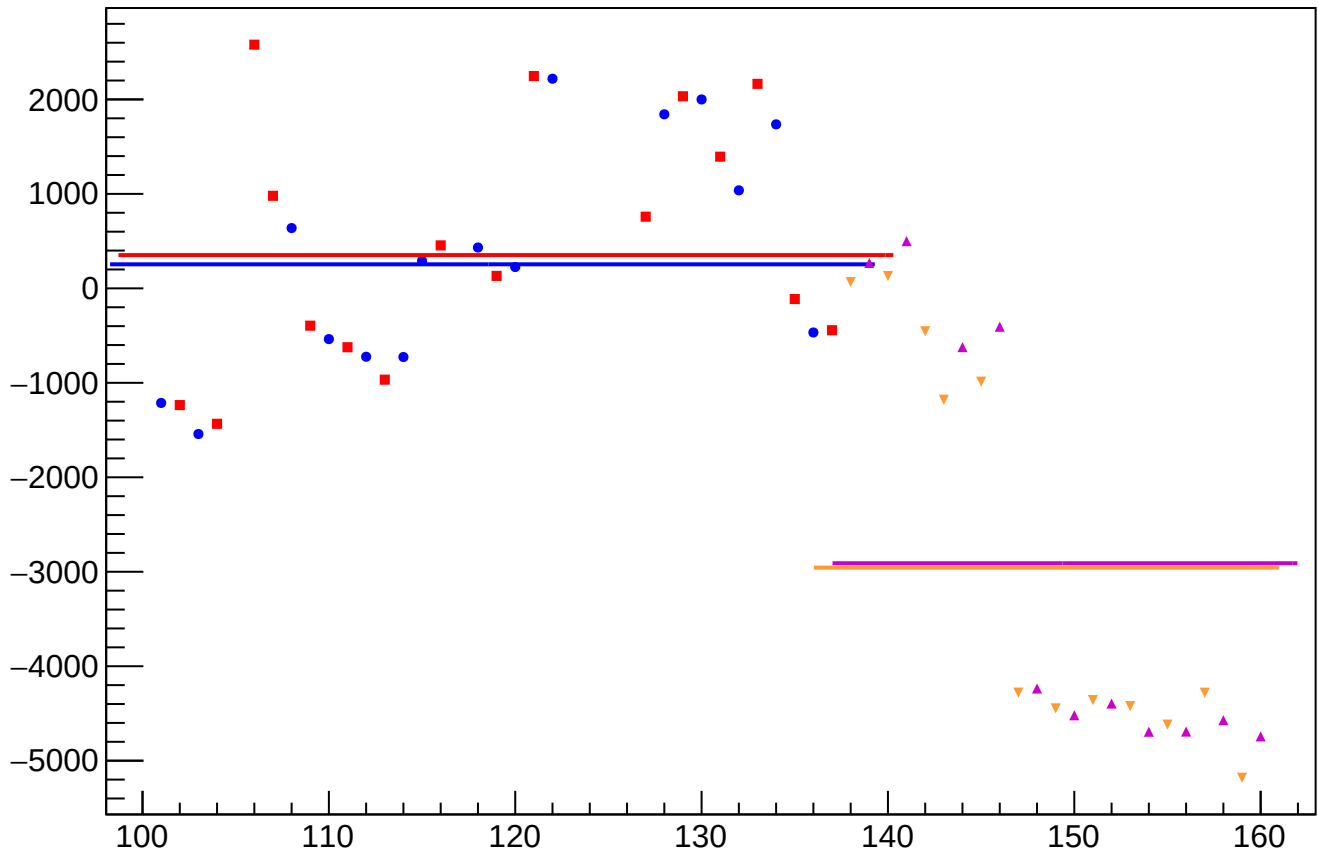
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



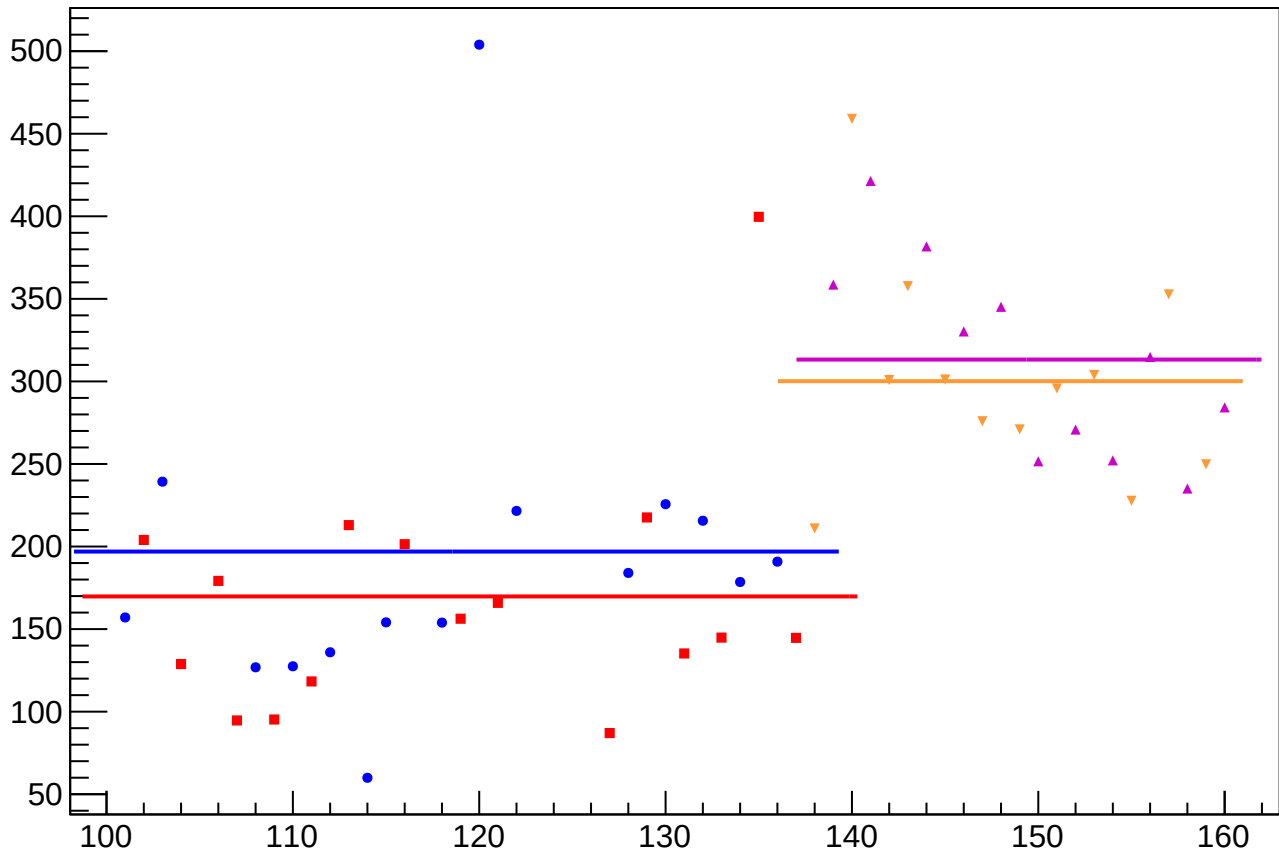
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



Right In: 254.578 ± 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -2955.997 ± 0.000 χ^2/NDF : 3707818280907677847342876591435129290752.0/11
 Right Out: 352.308 ± 0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -2909.545 ± 0.000 χ^2/NDF : 4377323512278558404902073126276443406336.0/10

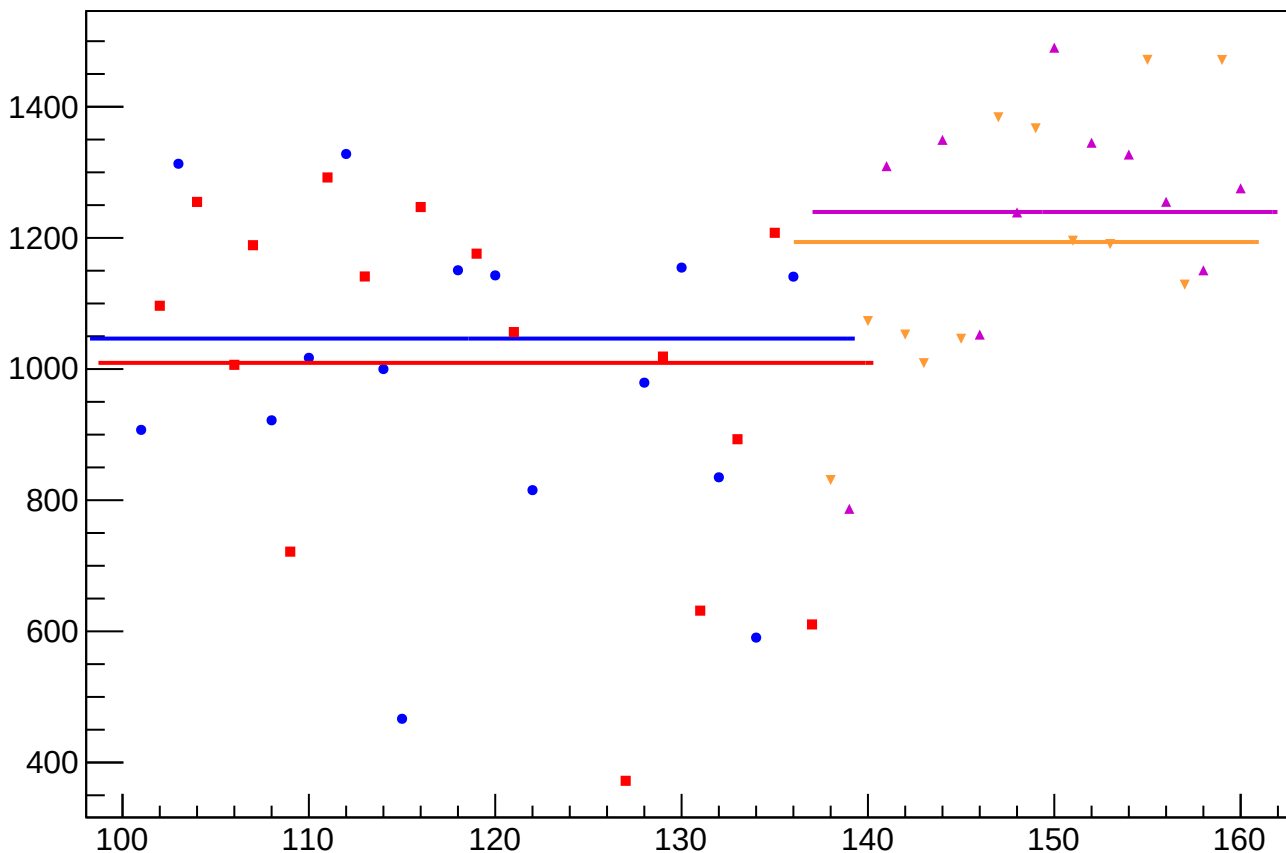
dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10

+ sign 257.303+/-0.000 χ^2/NDF : 124000774019819
 All: 255.177+/-0.000 χ^2/NDF : 273569793225
 - sign 253.089+/-0.000 χ^2/NDF : 149429007533601

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

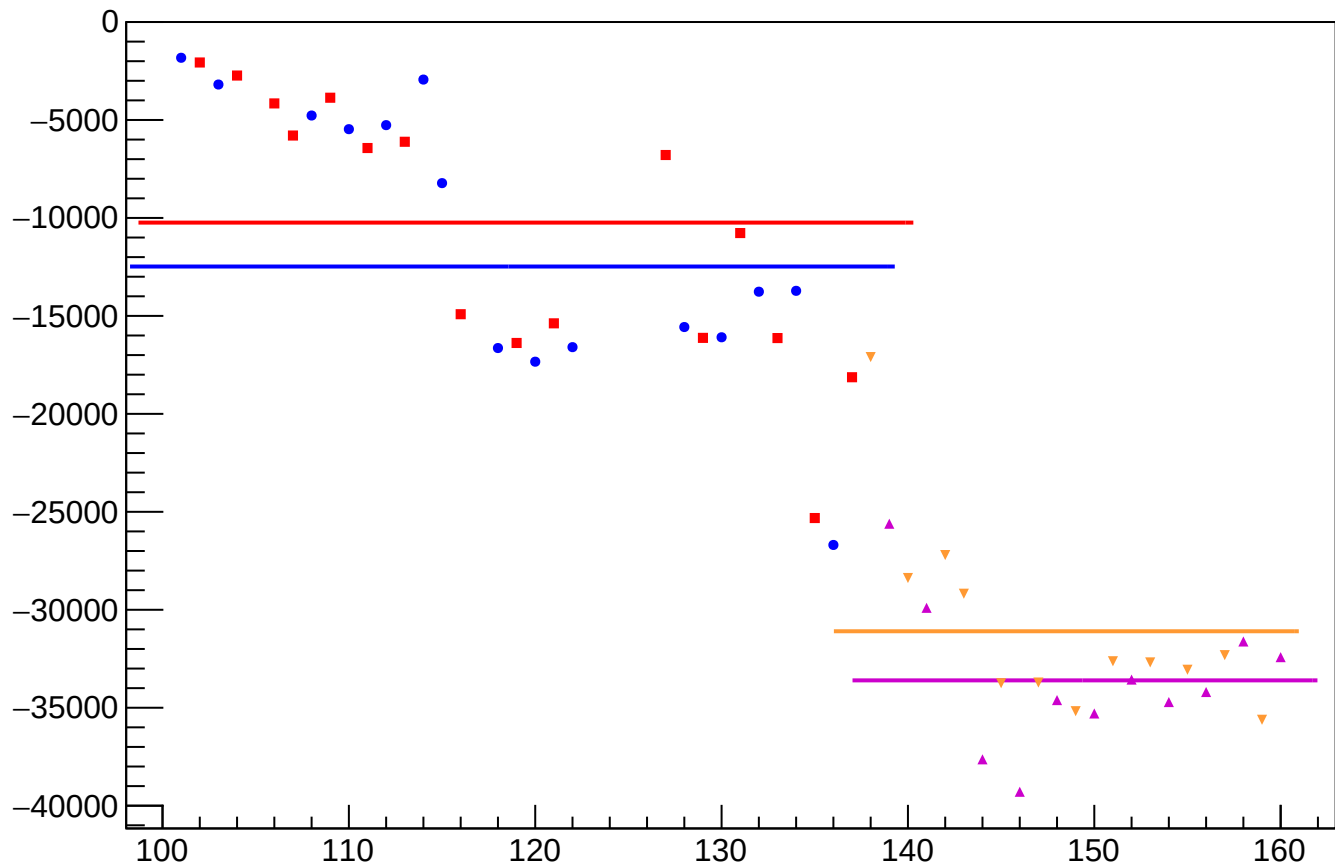
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

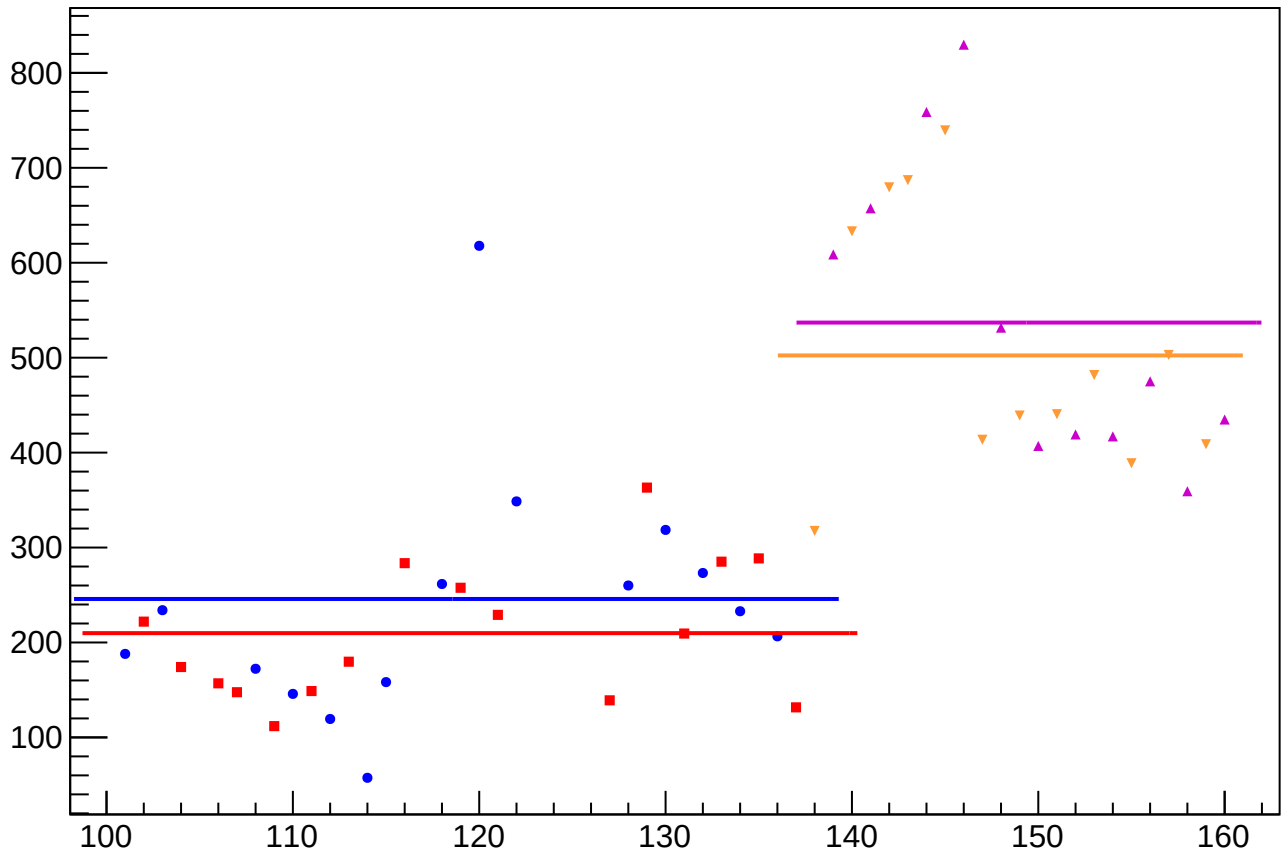
dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -31096.364+/-0.000	χ^2/NDF : 21759430970673179273891990313759368282112.0/11
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33603.125+/-0.000	χ^2/NDF : 11377877741280377988076632069746943066112.0/10

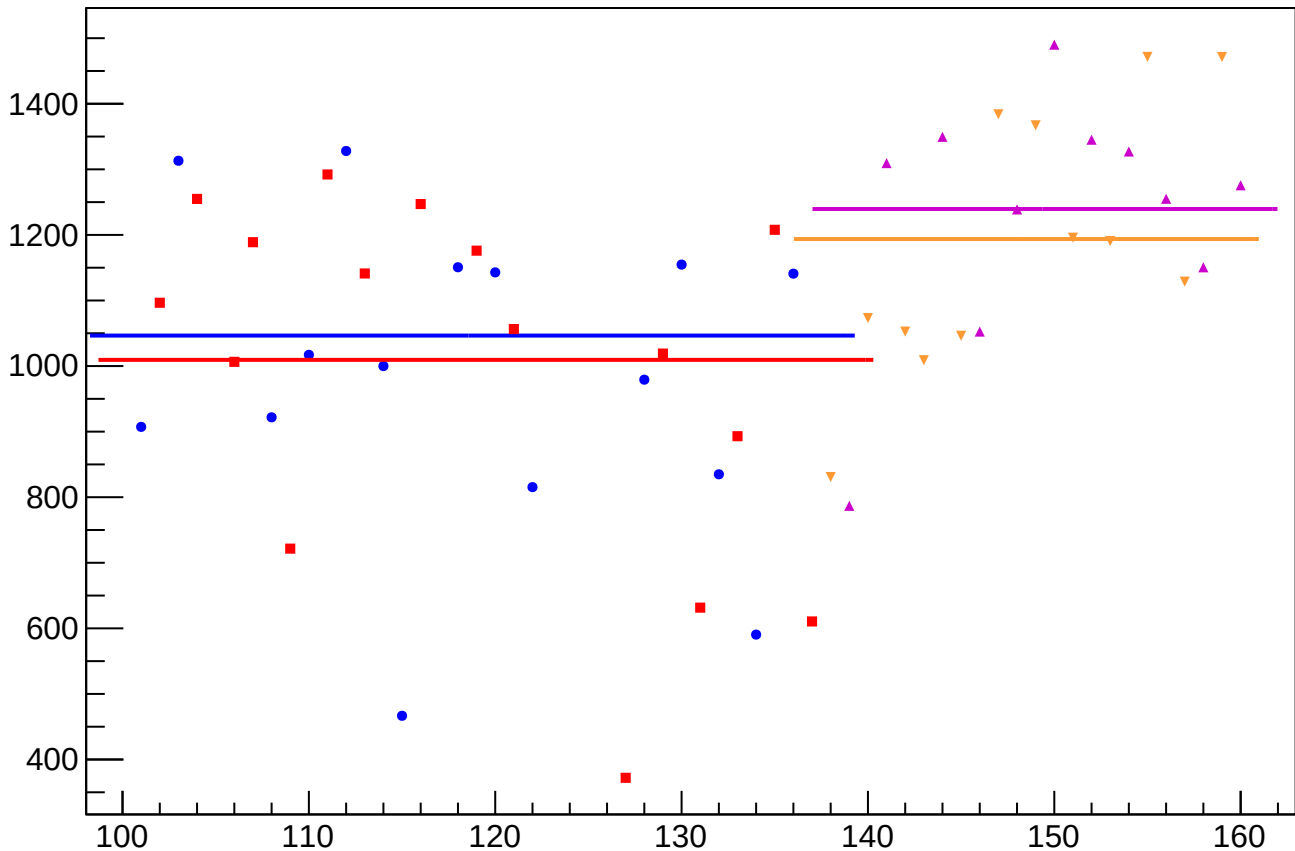
+ sign -23366.201+/-0.000 χ^2/NDF : 194472008437
 All: -23588.925+/-0.000 χ^2/NDF : 448707023
 - sign -23807.730+/-0.000 χ^2/NDF : 2540813105175

dit_sam6_coil1_err_mean vs Slug



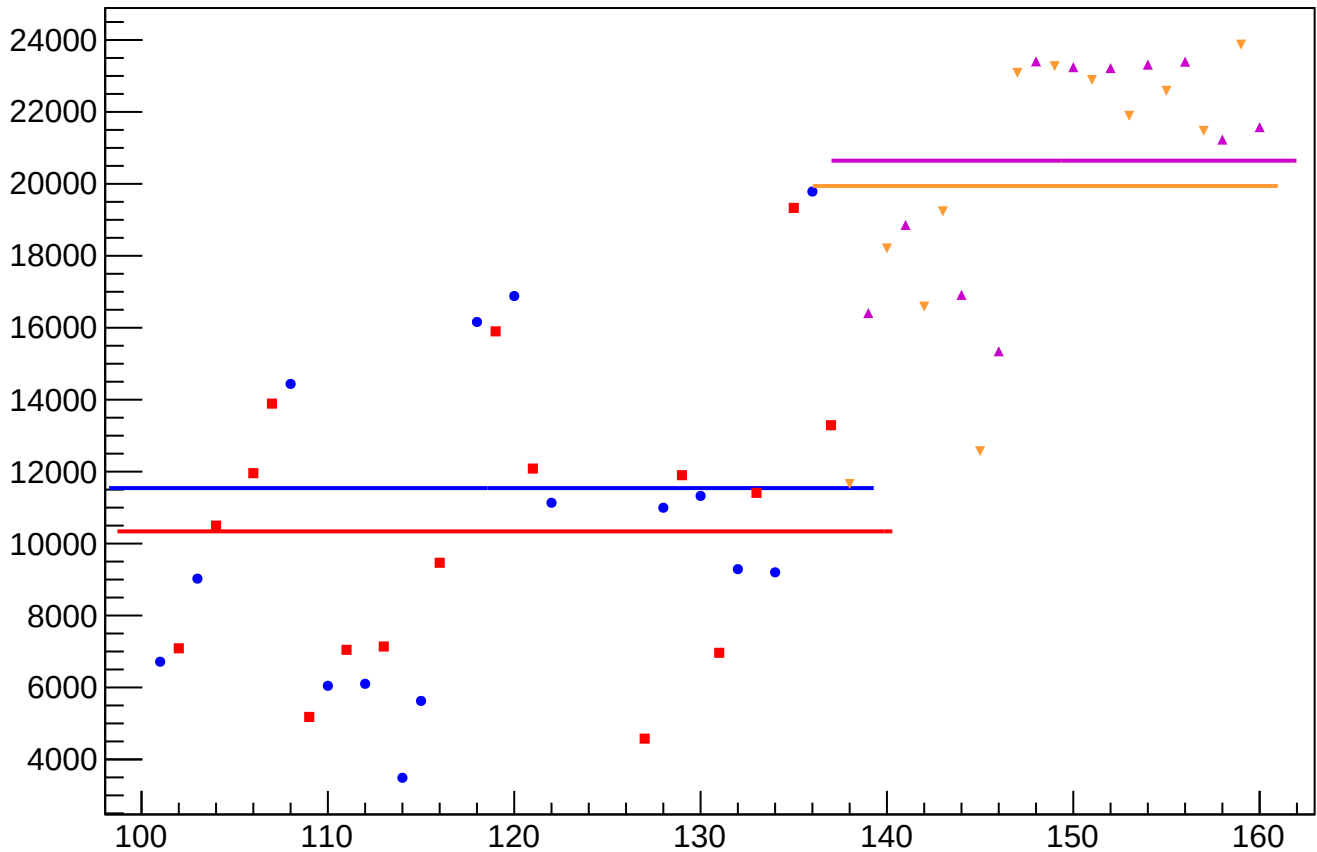
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 399.831+/-0.000	χ^2/NDF : 653859962401754
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



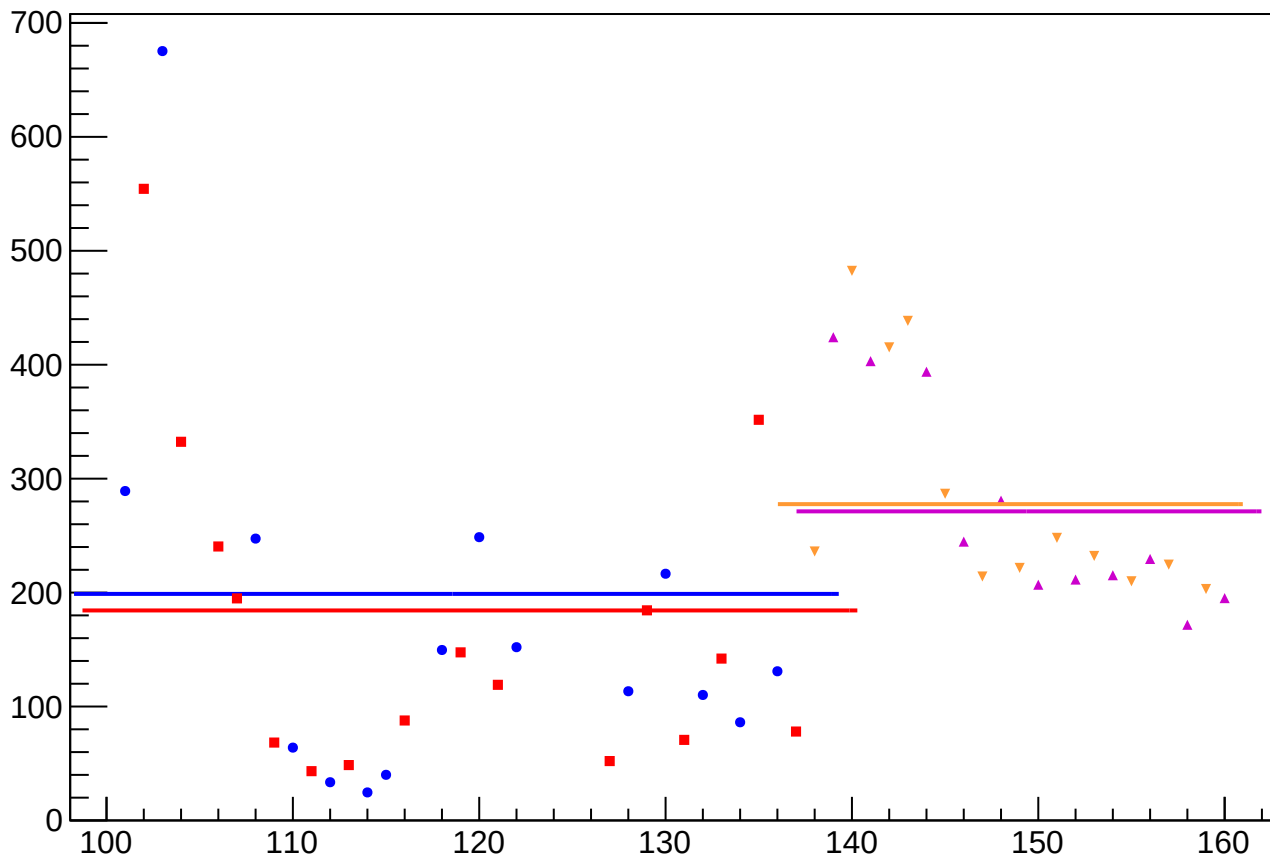
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



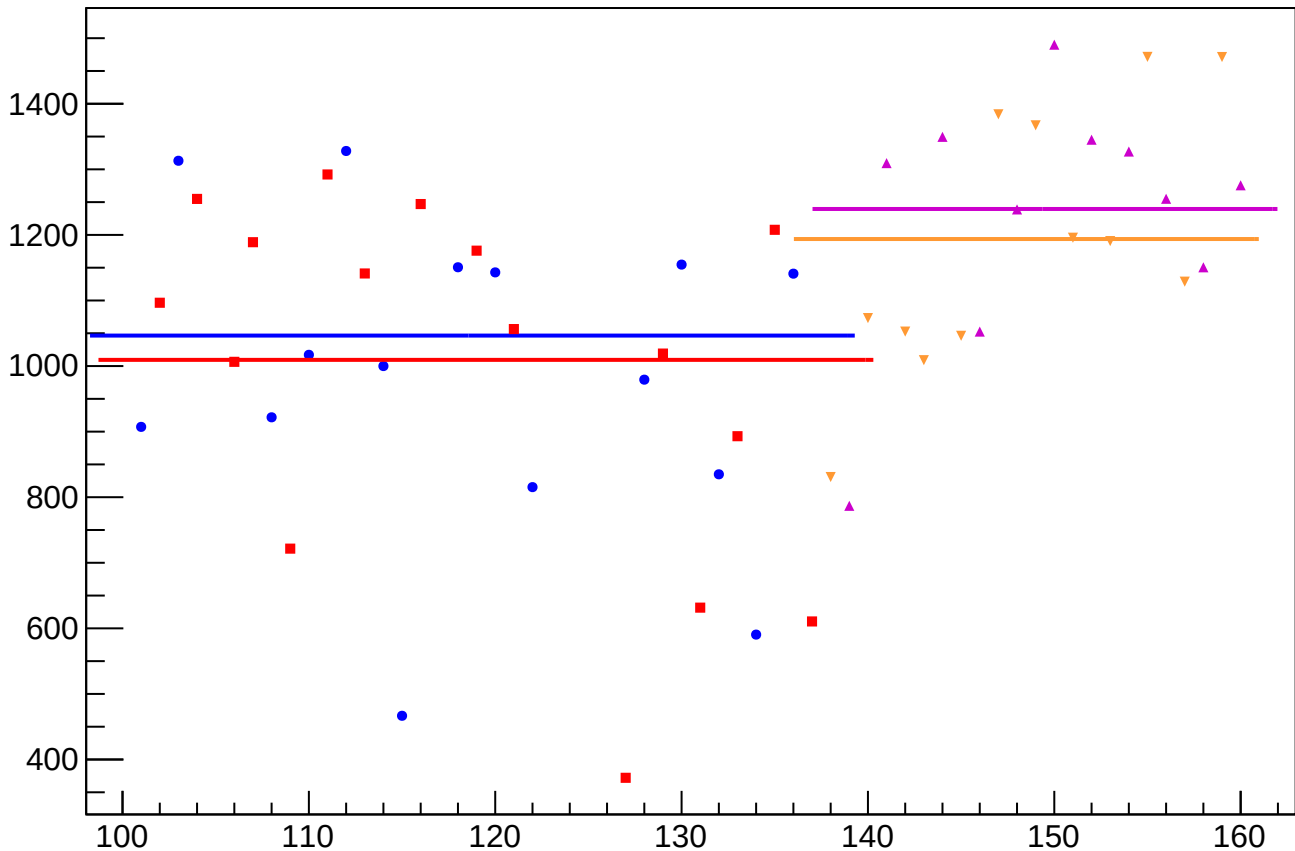
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

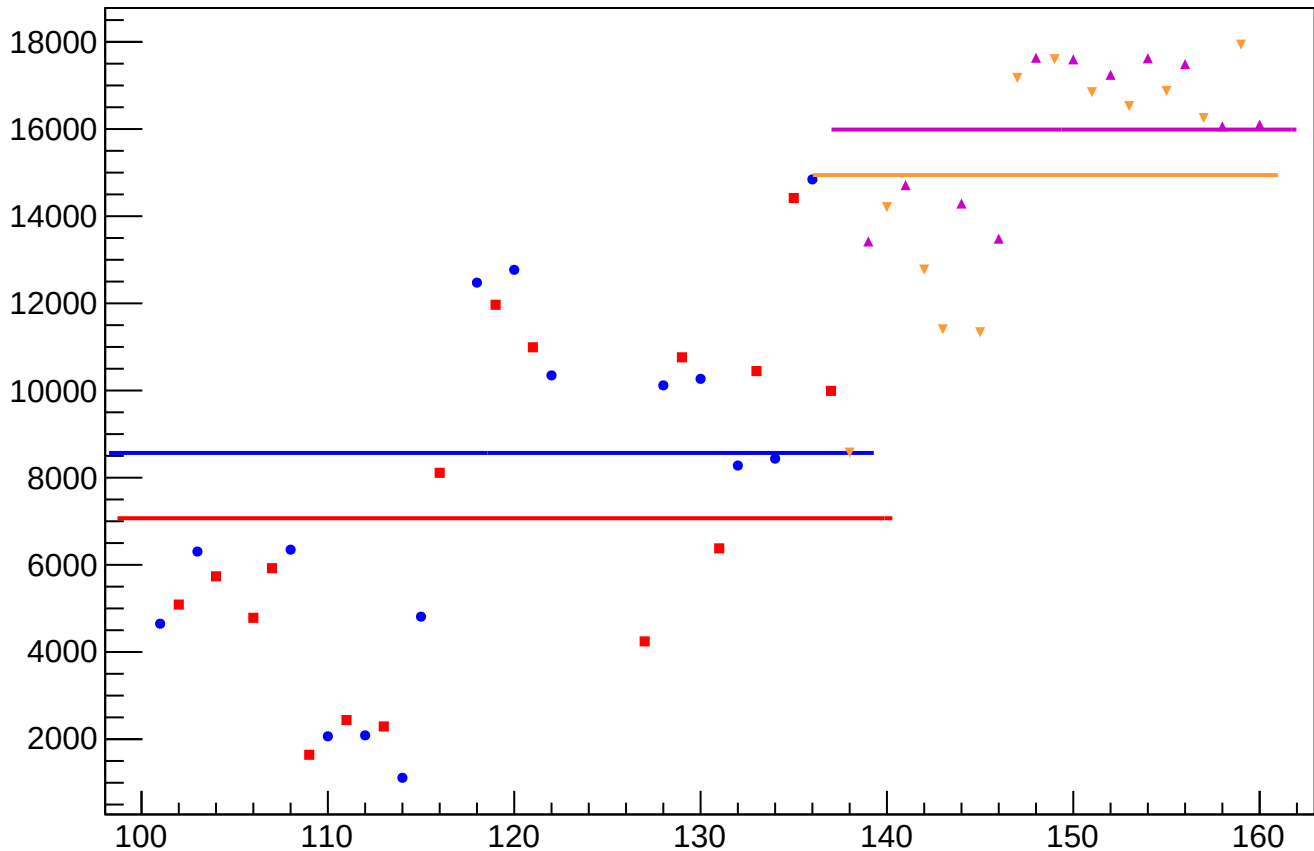
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

dit_sam7_coil1_Ndata_mean vs Slug



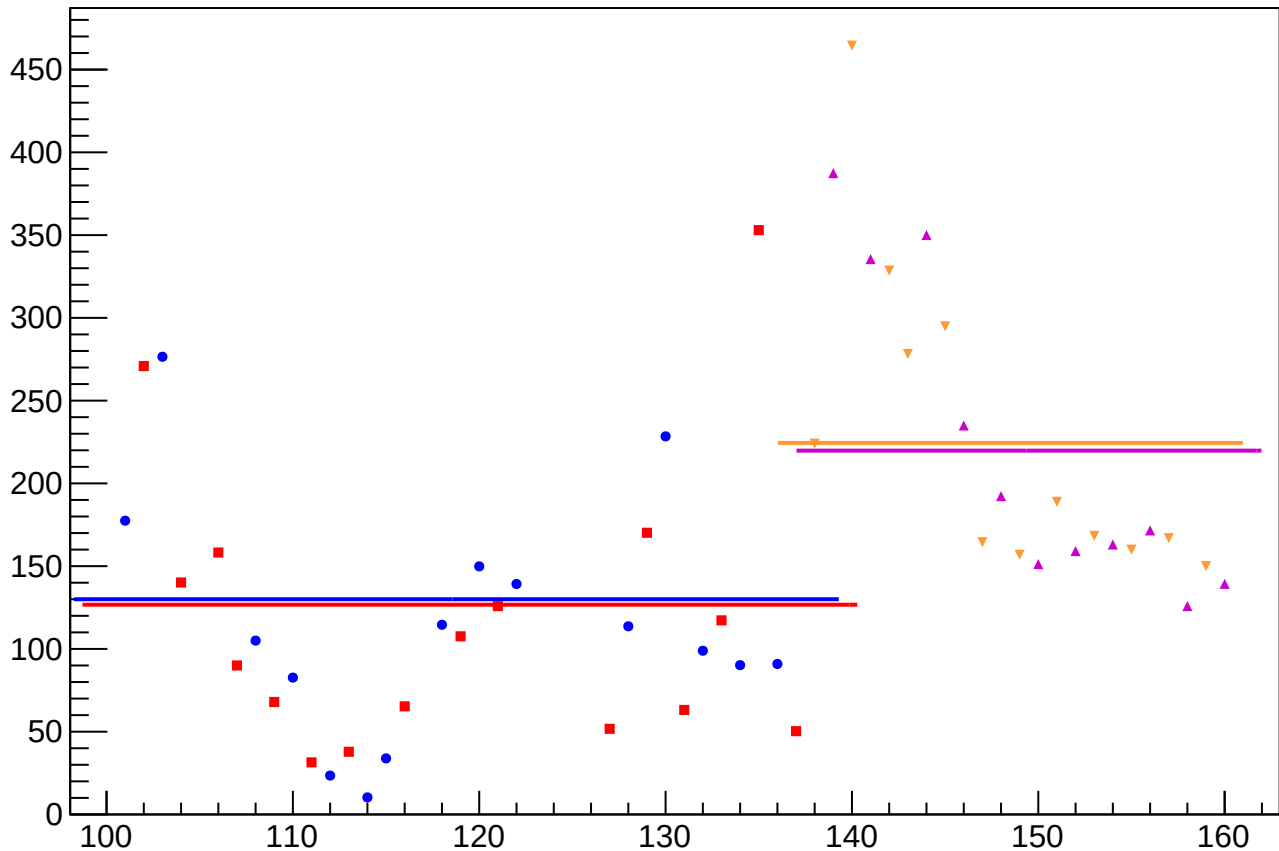
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

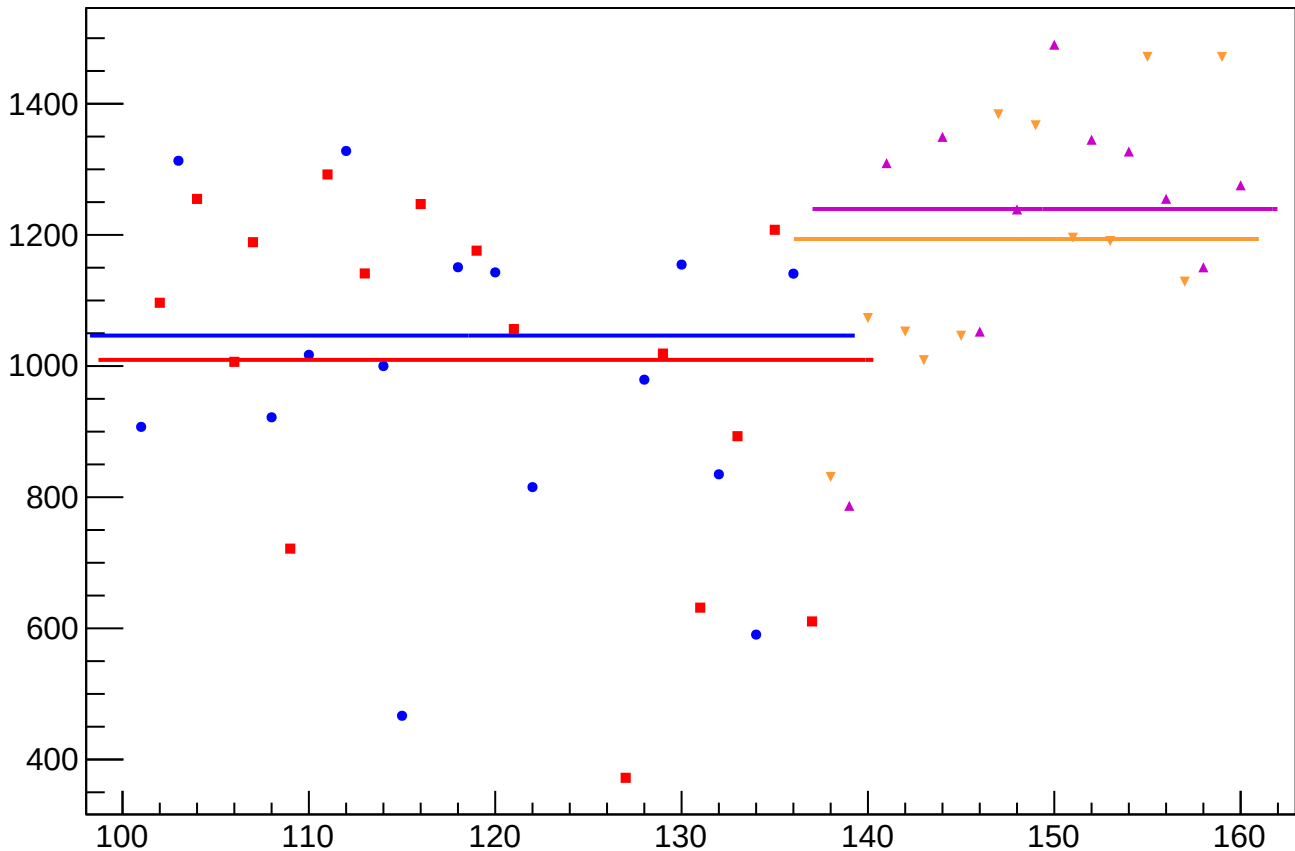
dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14
Left Out: 224.458+/-0.000	χ^2/NDF : 7870394140048491055430374232164401152.0/11
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15
Left In: 219.787+/-0.000	χ^2/NDF : 7418609629454172879787970620999860224.0/10

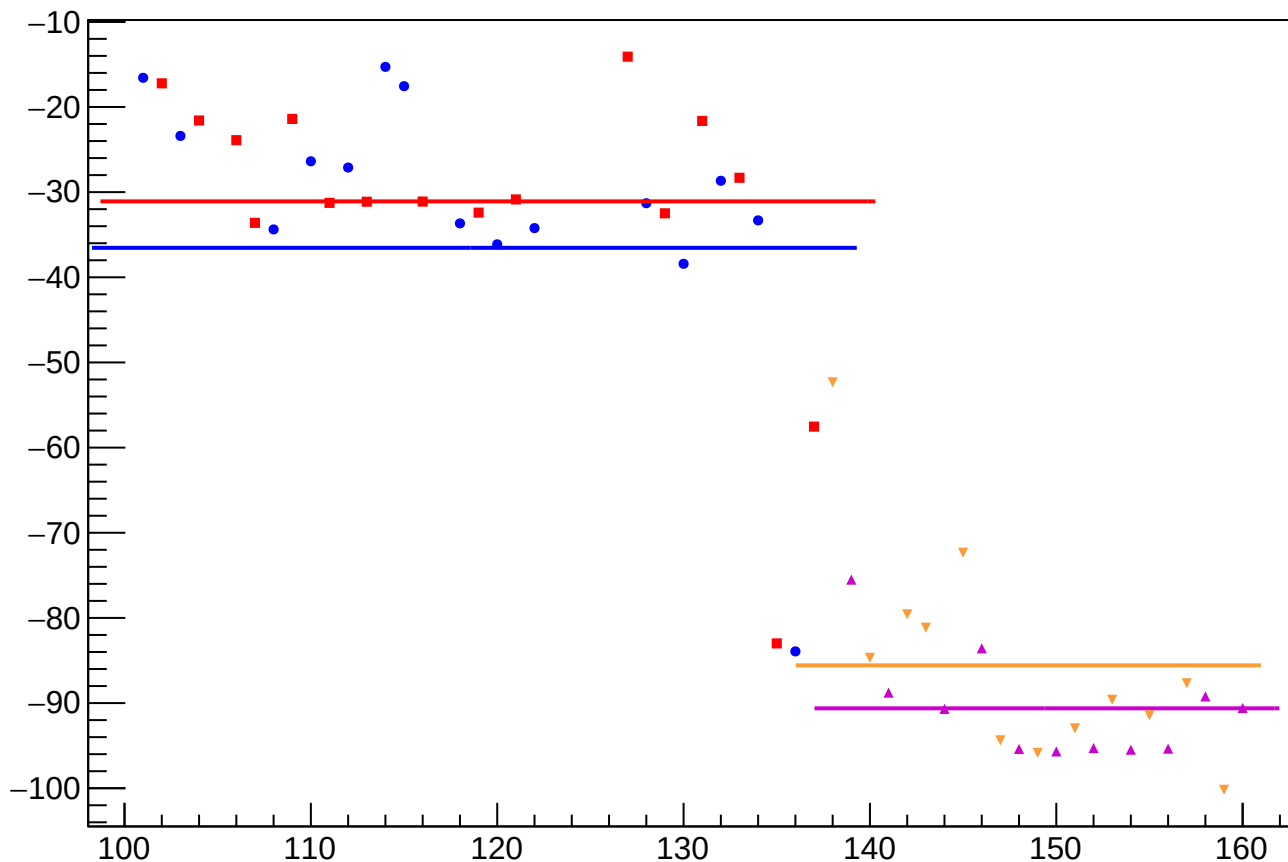
+ sign 185.245+/-0.000 χ^2/NDF : 143703436446713
 All: 182.985+/-0.000 χ^2/NDF : 30557896618
 - sign 180.765+/-0.000 χ^2/NDF : 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570+/-0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

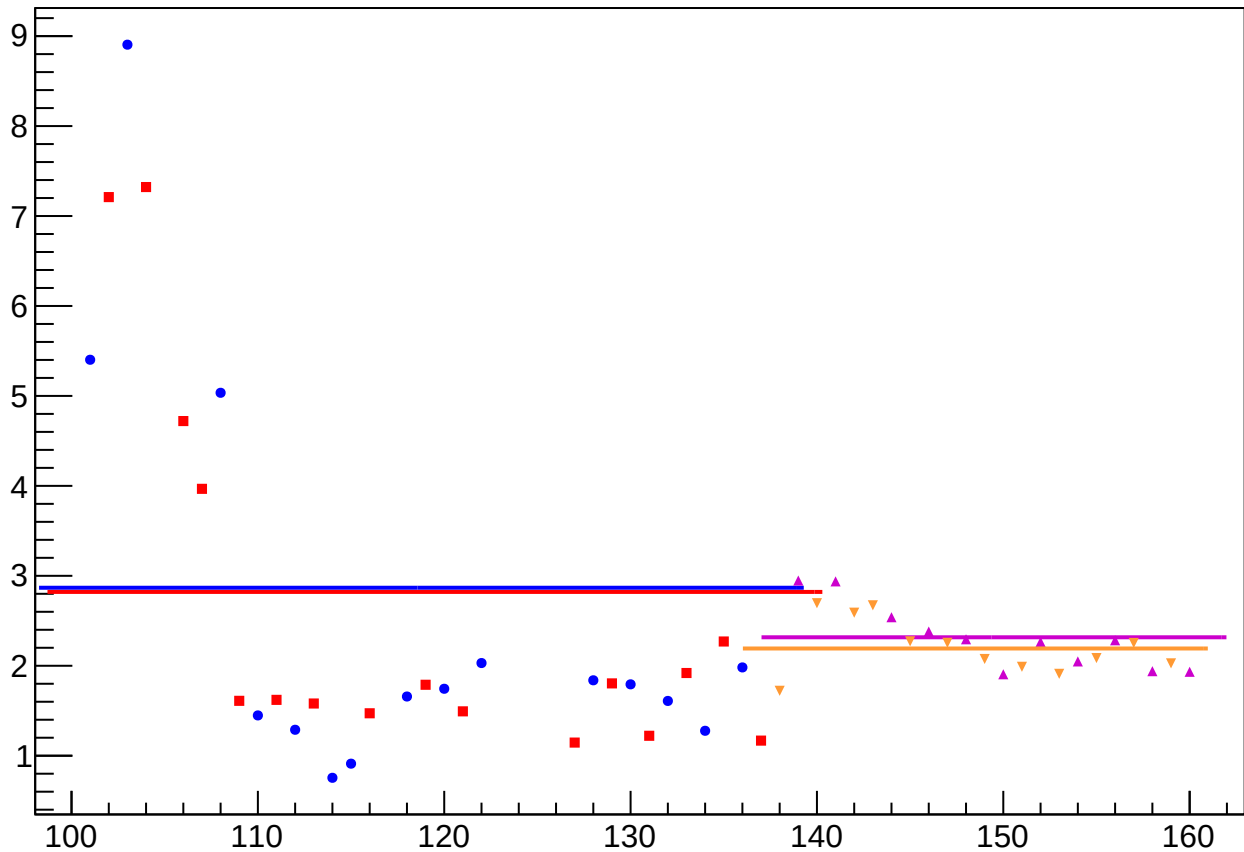
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

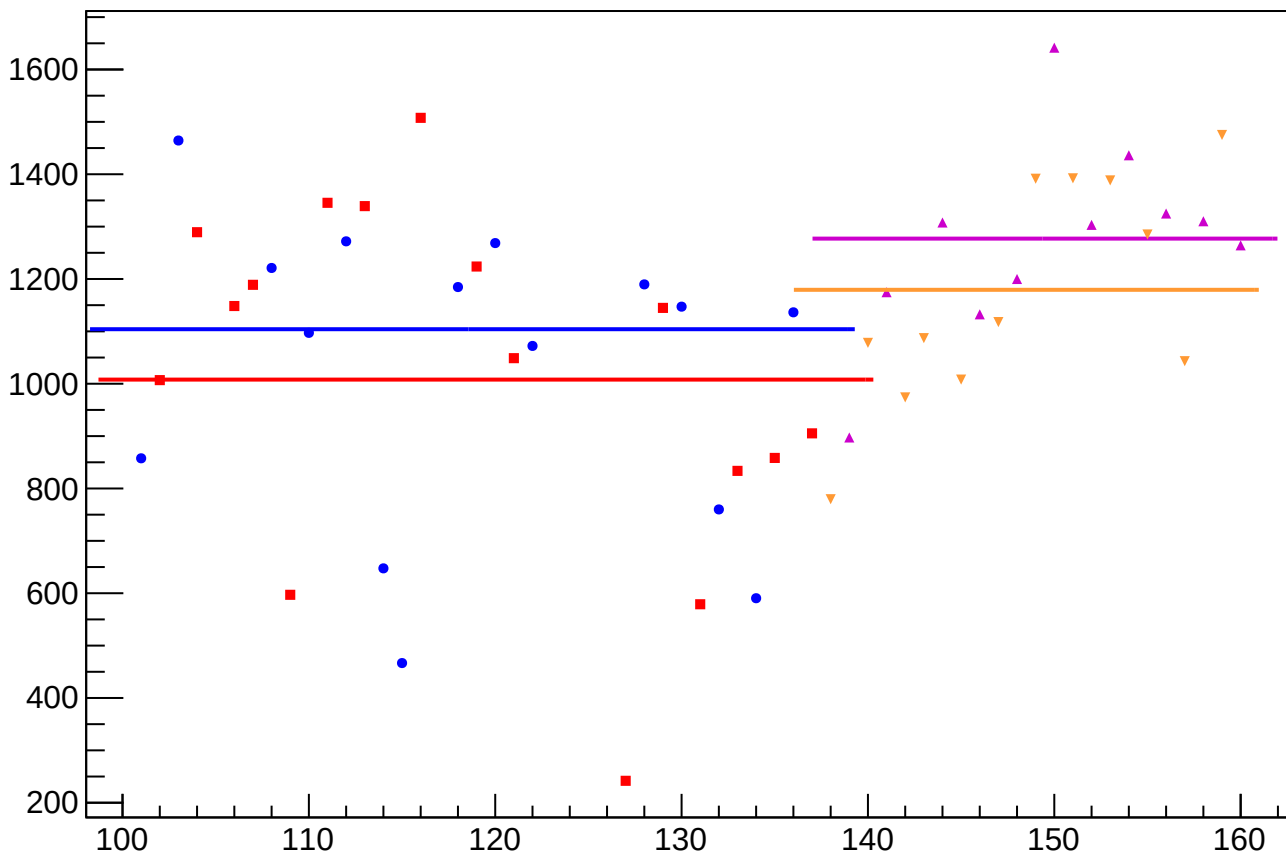
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192+/-0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317+/-0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

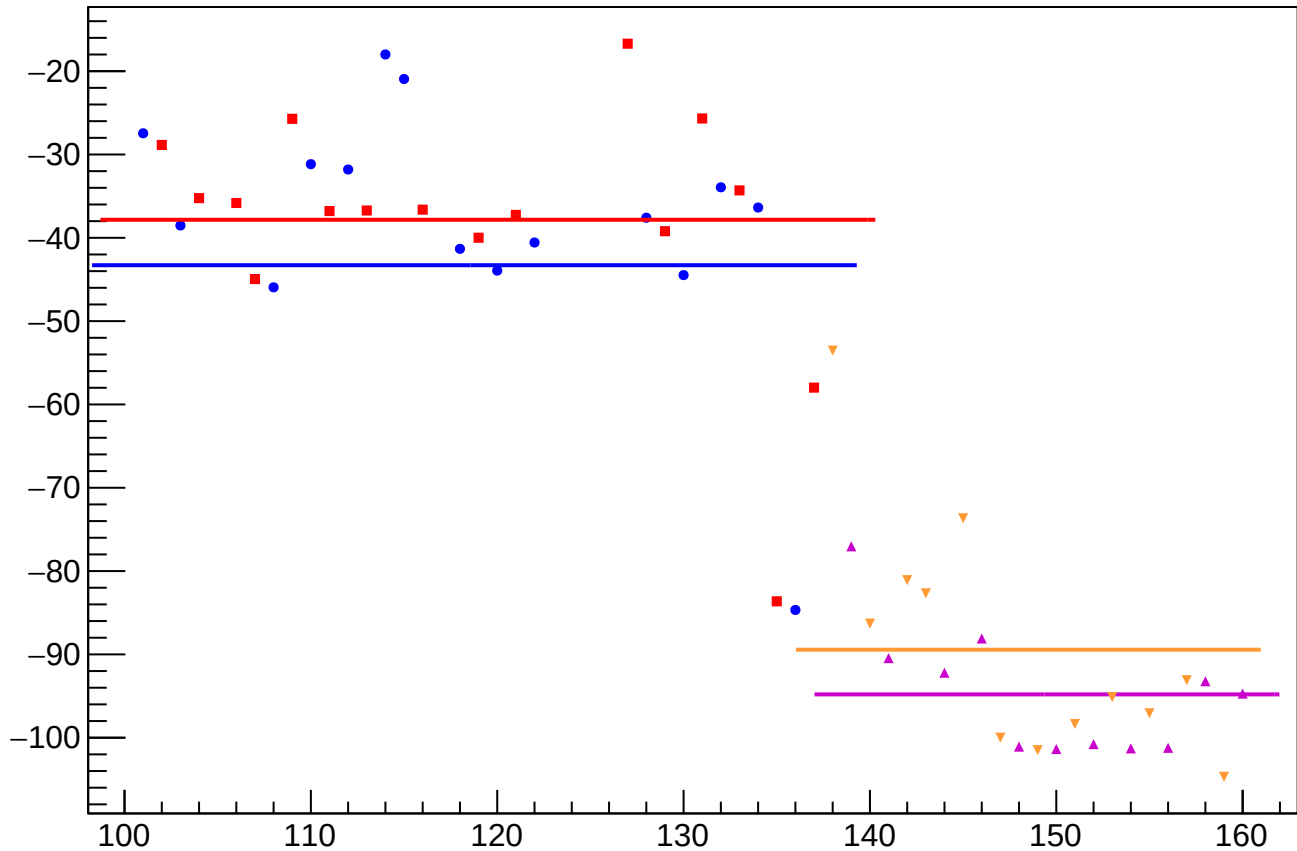
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

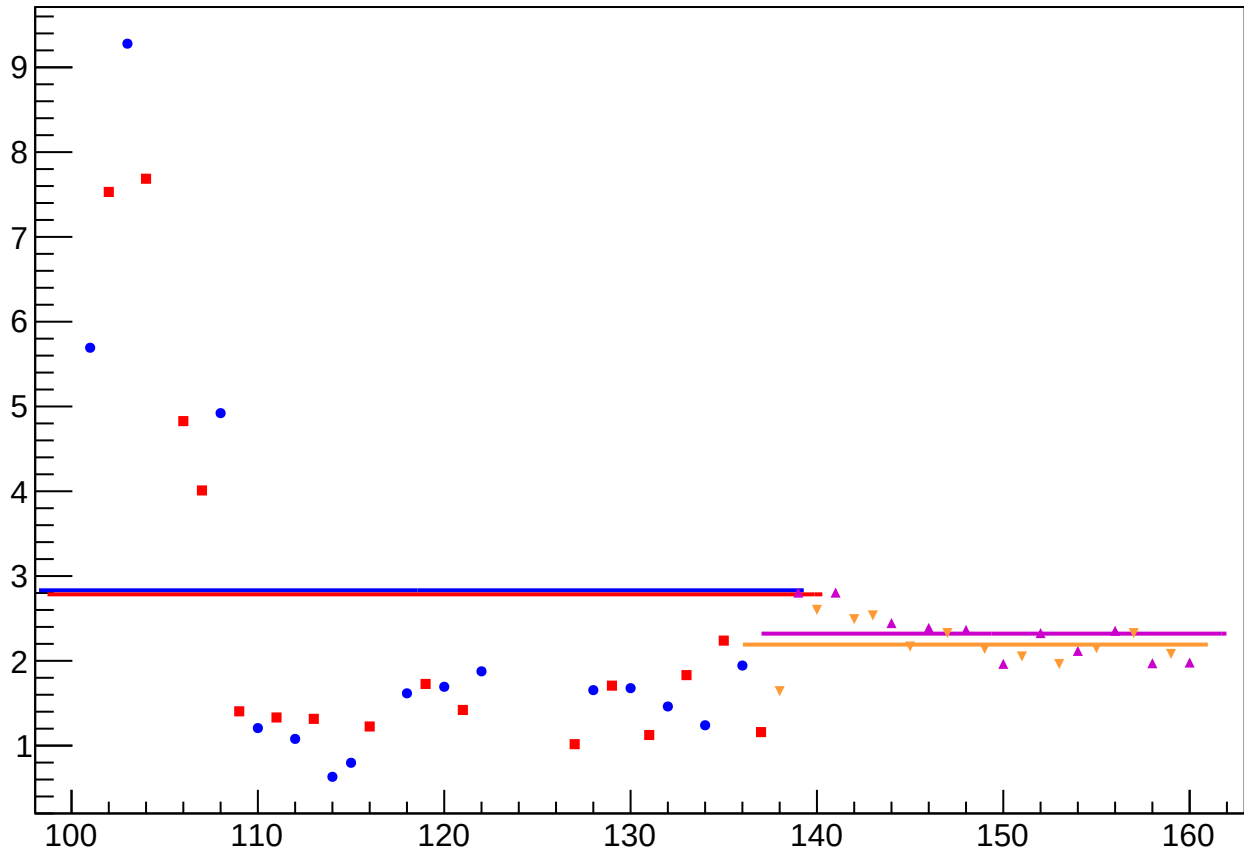
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



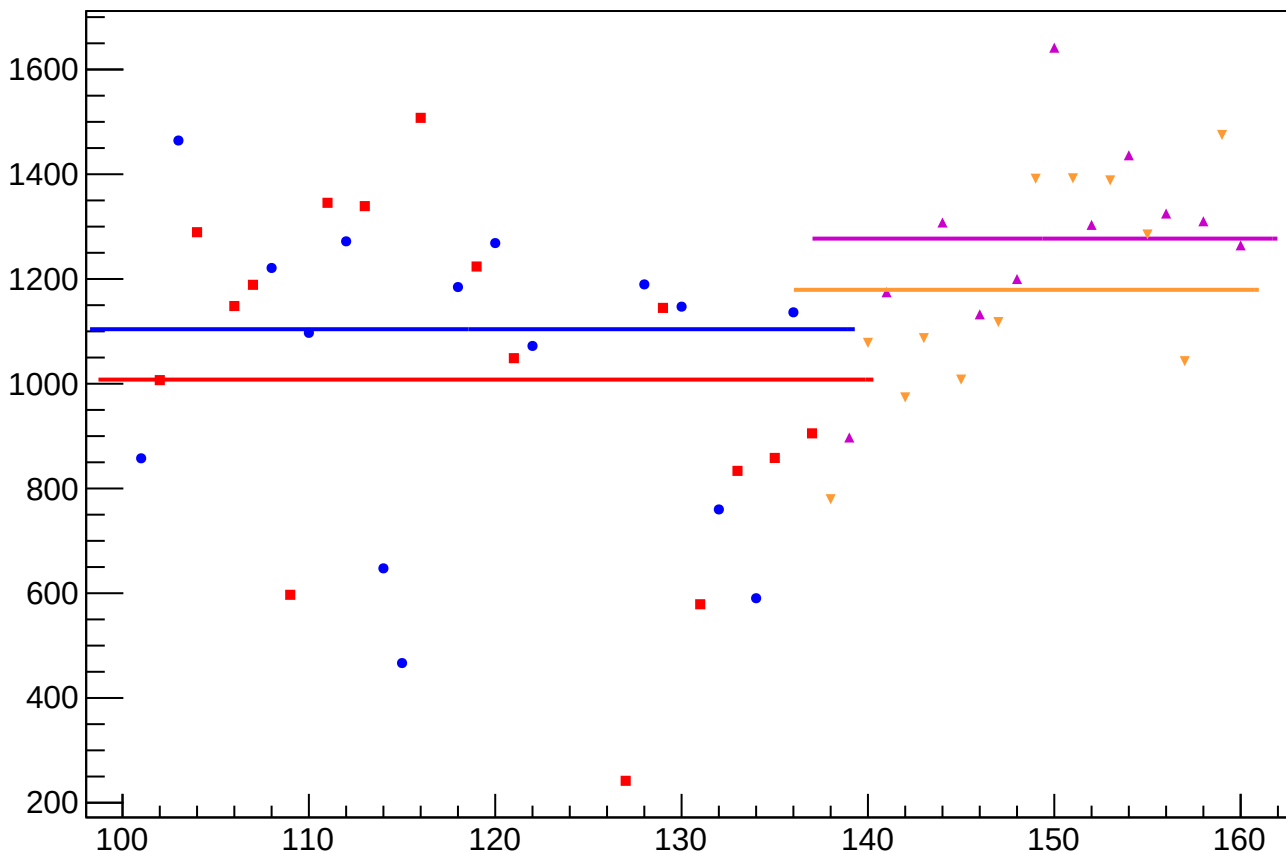
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192 ± 0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321 ± 0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

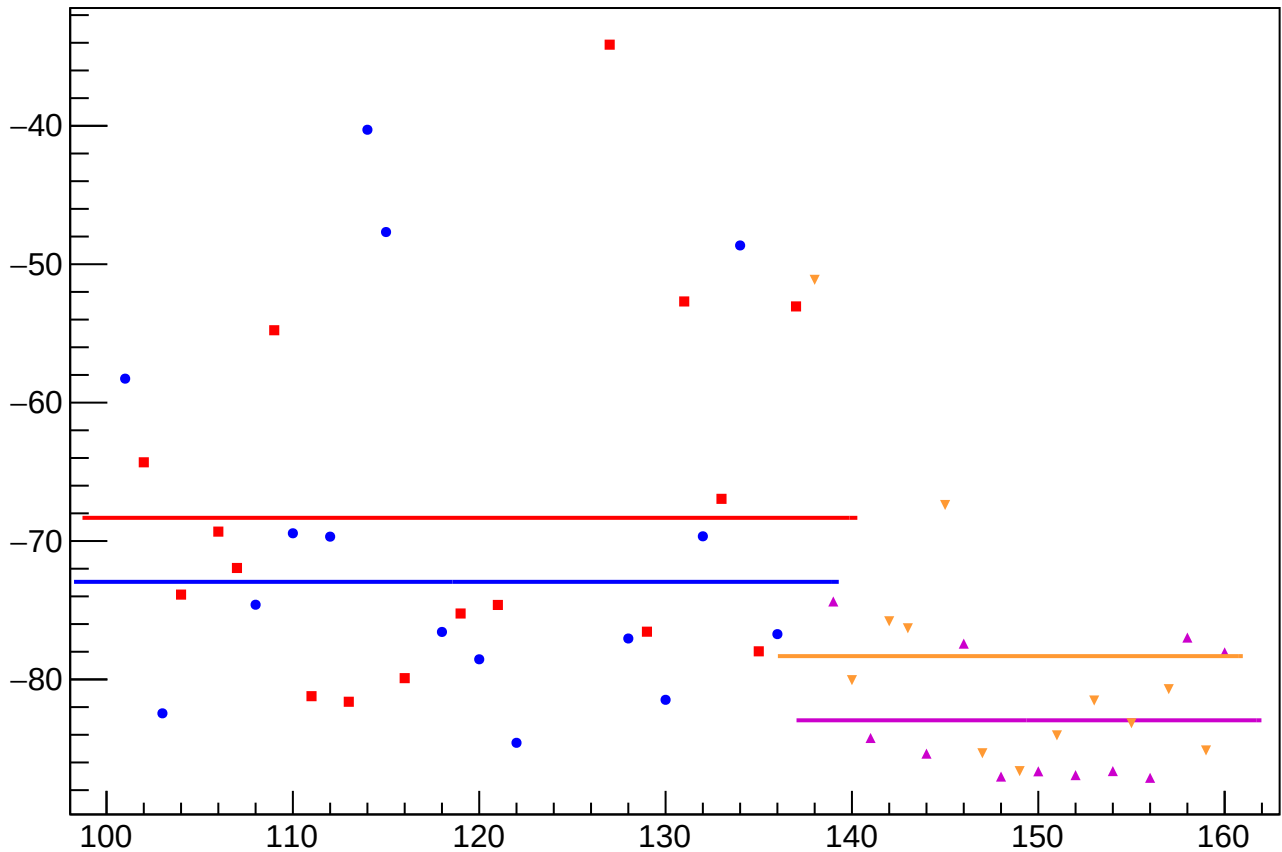
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

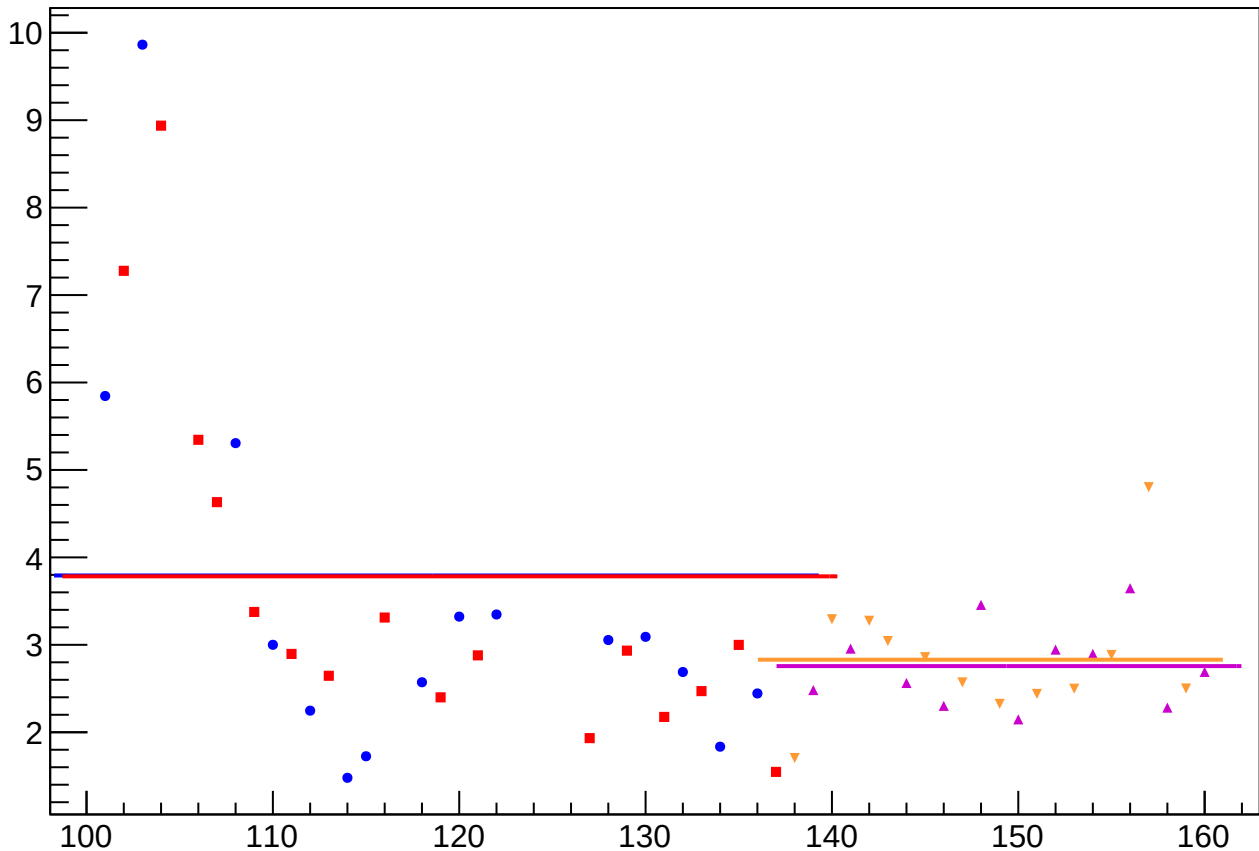
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_11X12X_coil3_mean vs Slug



Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -78.317 ± 0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11
 Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -82.954 ± 0.000 χ^2/NDF : 2041915777487297849205303170564096.0/10

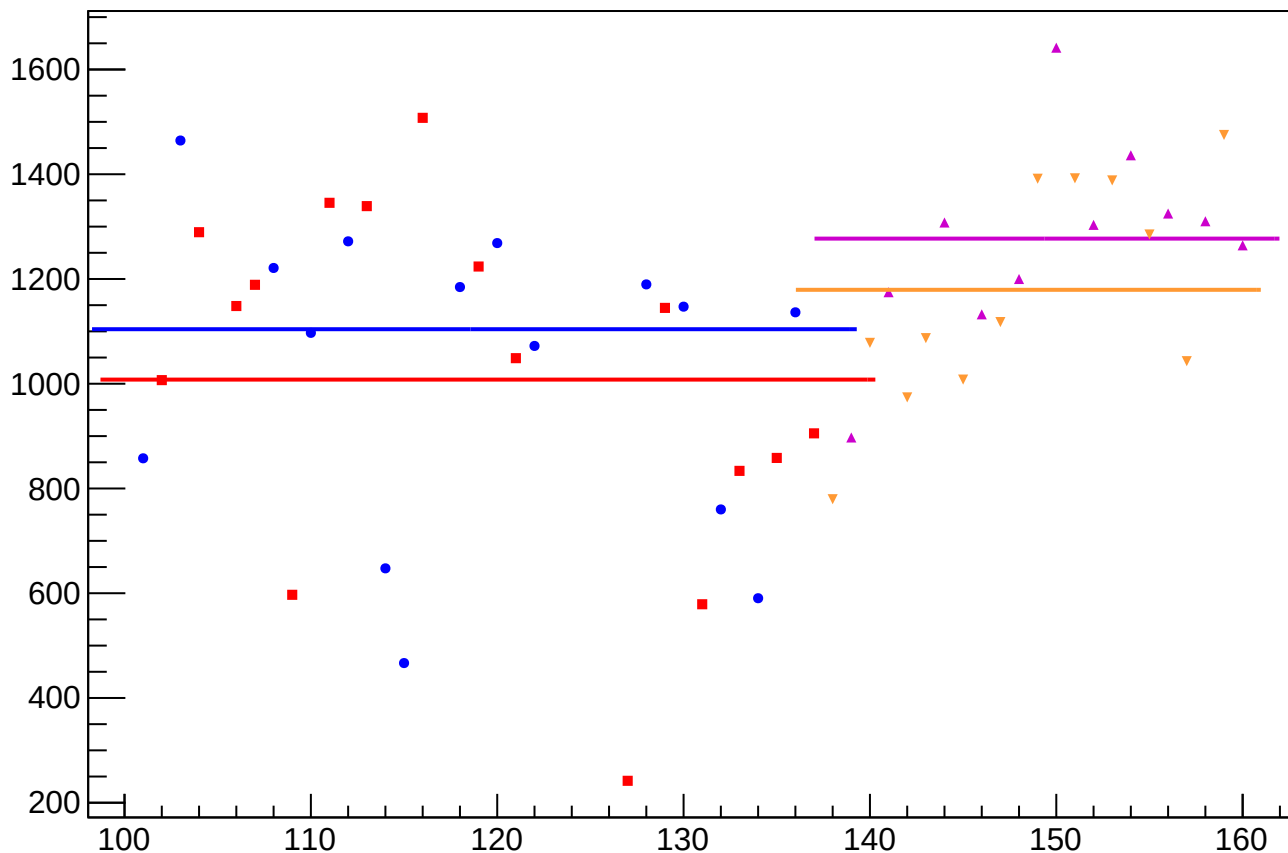
dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000	χ^2/NDF : 3205389242726129619796290810413056.0/14
Left Out: 2.830+/-0.000	χ^2/NDF : 492749026028838907947829621161984.0/11
Right Out: 3.783+/-0.000	χ^2/NDF : 2878586622192676654452338755371008.0/15
Left In: 2.757+/-0.000	χ^2/NDF : 191720746547732306226054042746880.0/10

+ sign 3.230+/-0.000 χ^2/NDF : 40499634986403731
 All: 3.208+/-0.000 χ^2/NDF : 75298705814008
 - sign 3.187+/-0.000 χ^2/NDF : 34784647083313673

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

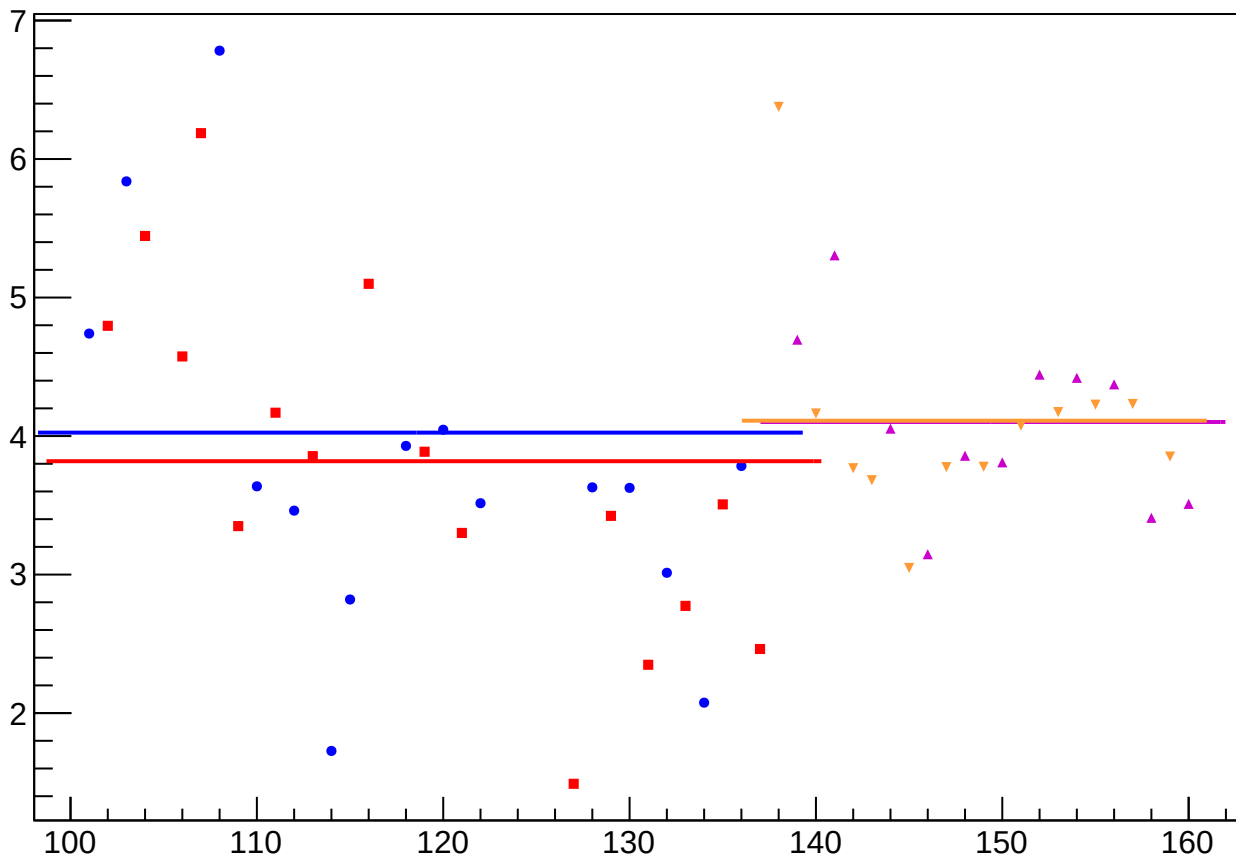
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

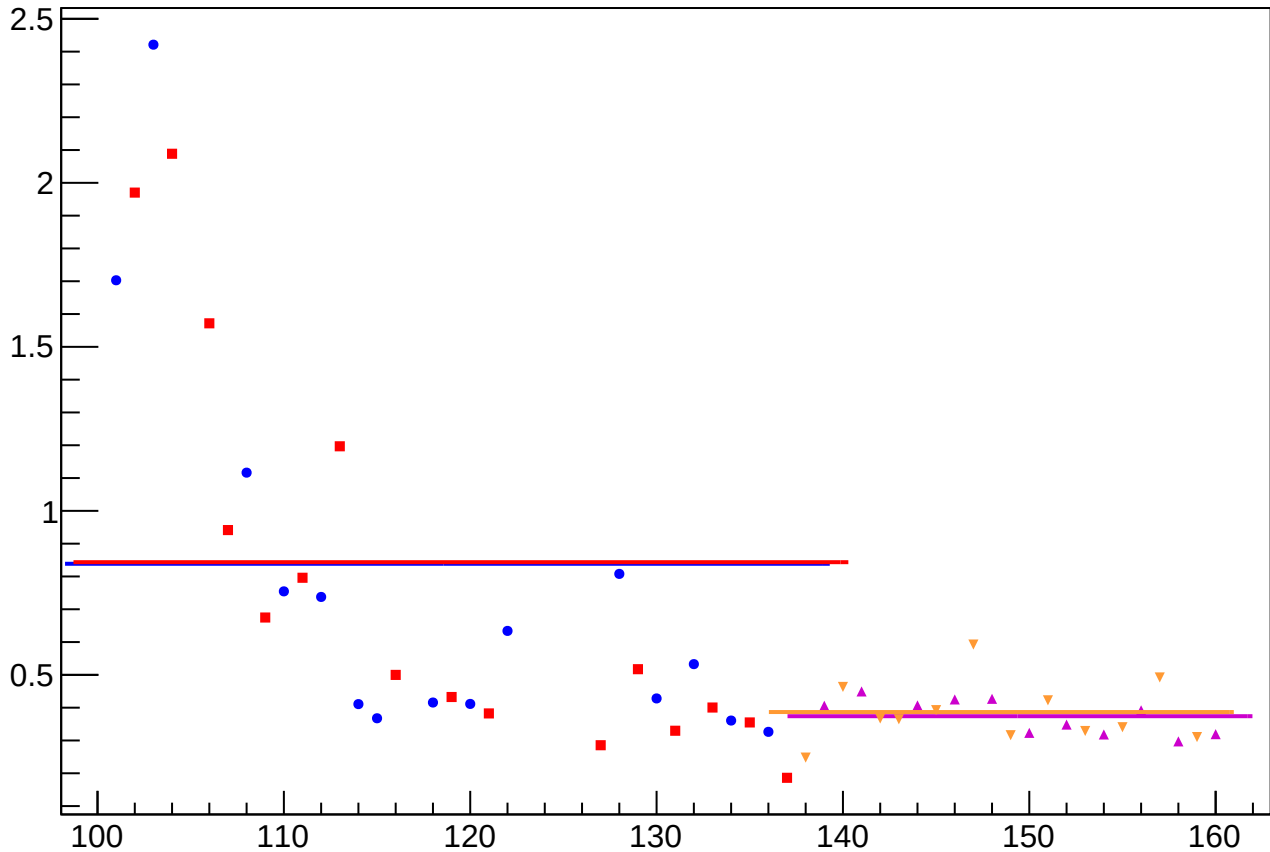
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

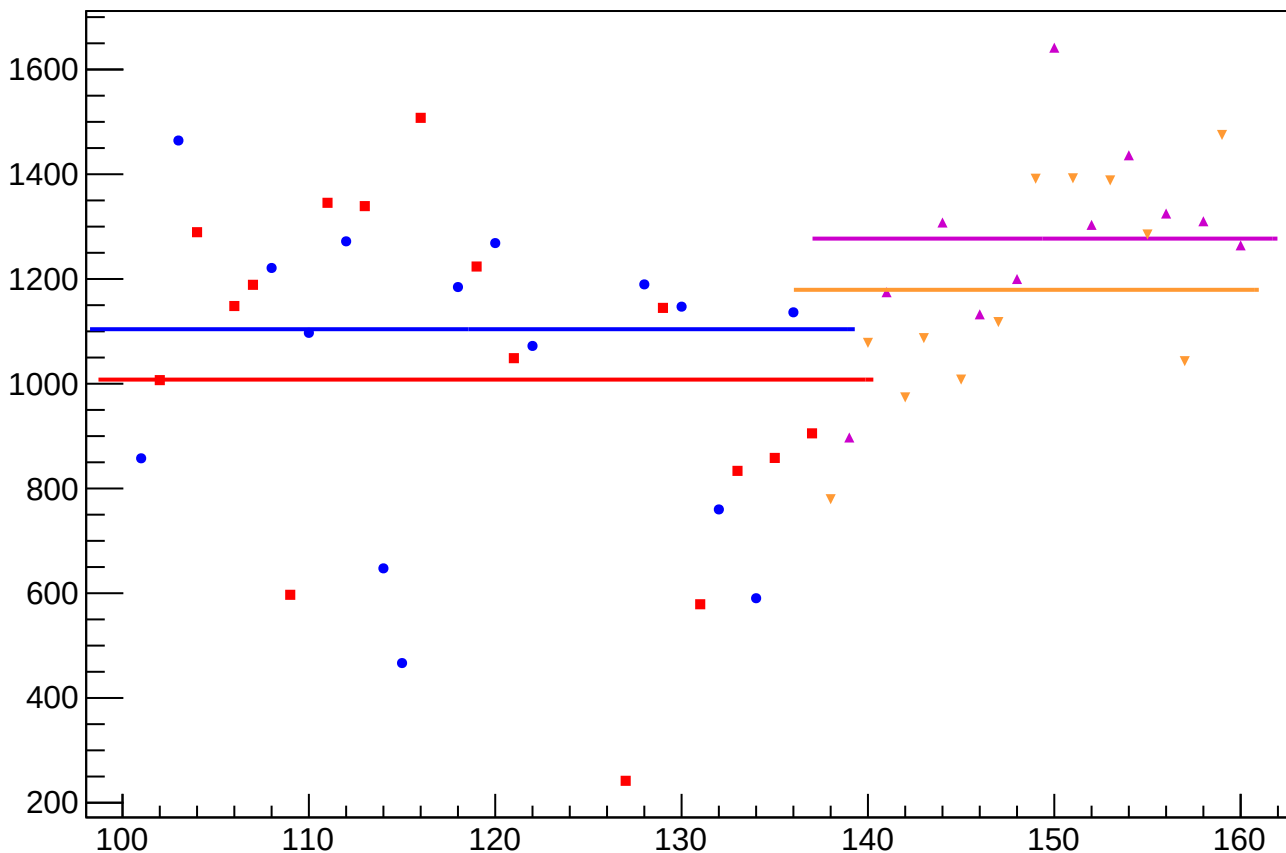
dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.387 ± 0.000 χ^2/NDF : 7656532010606705303389852401664.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

+ sign 0.574 ± 0.000 χ^2/NDF : 34361299710521939
 All: 0.573 ± 0.000 χ^2/NDF : 68434990603829
 - sign 0.571 ± 0.000 χ^2/NDF : 34072705828258961

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

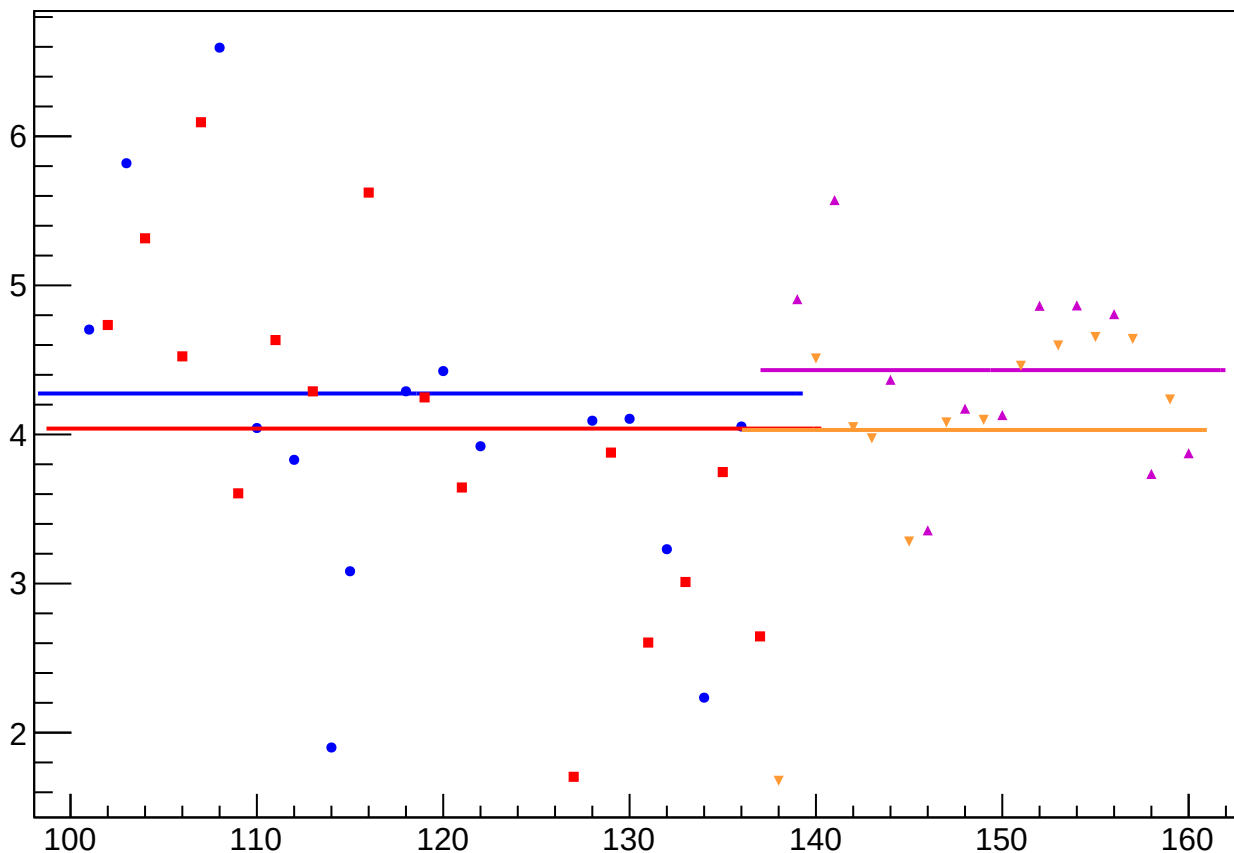
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.039+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

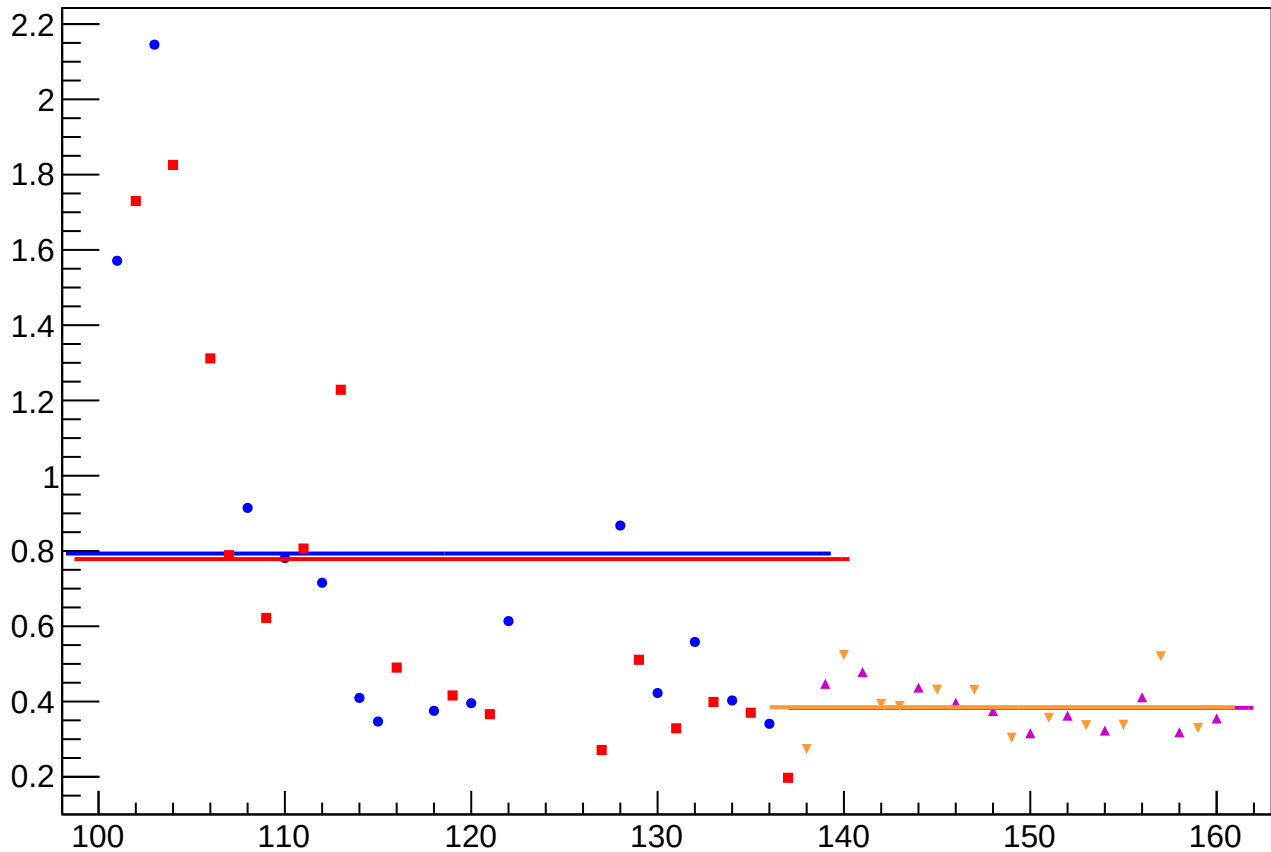
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

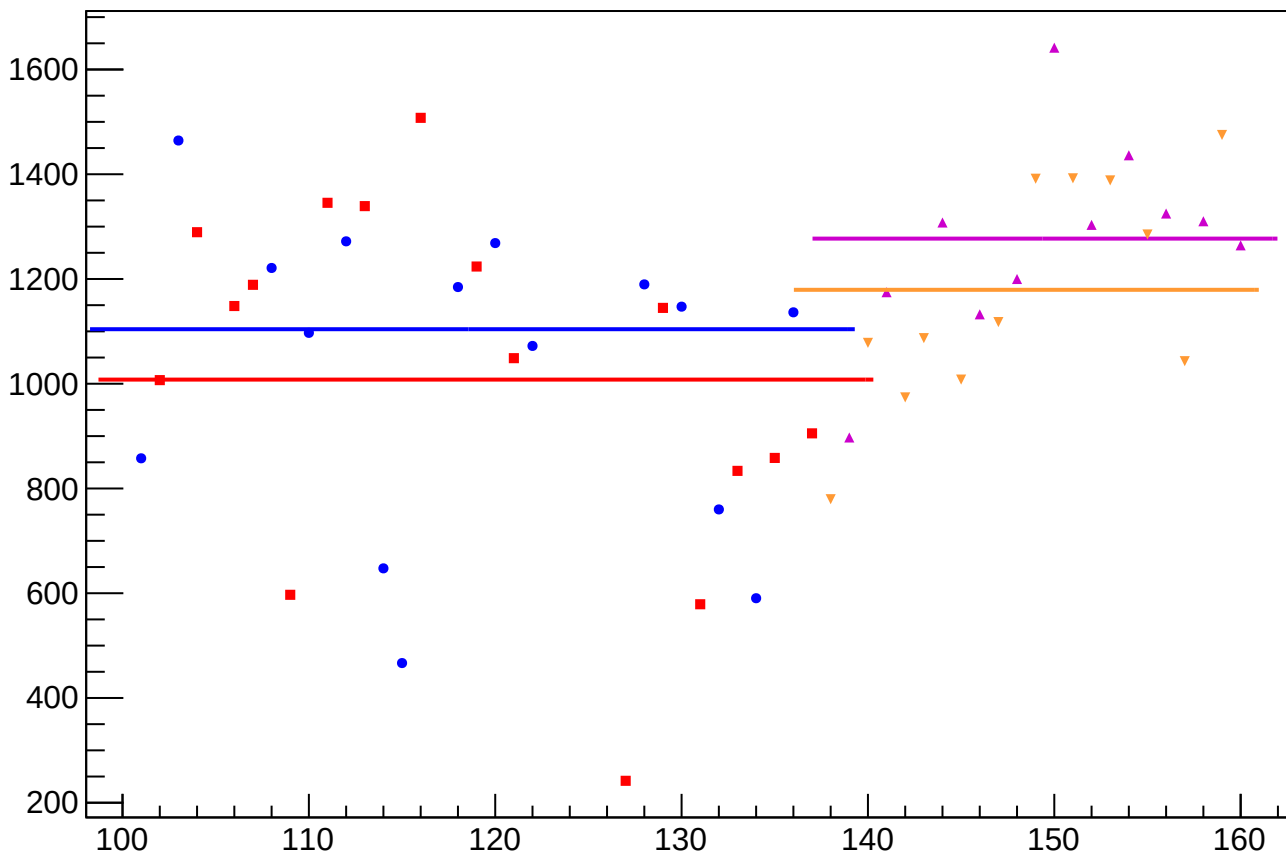
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385+/-0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383+/-0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

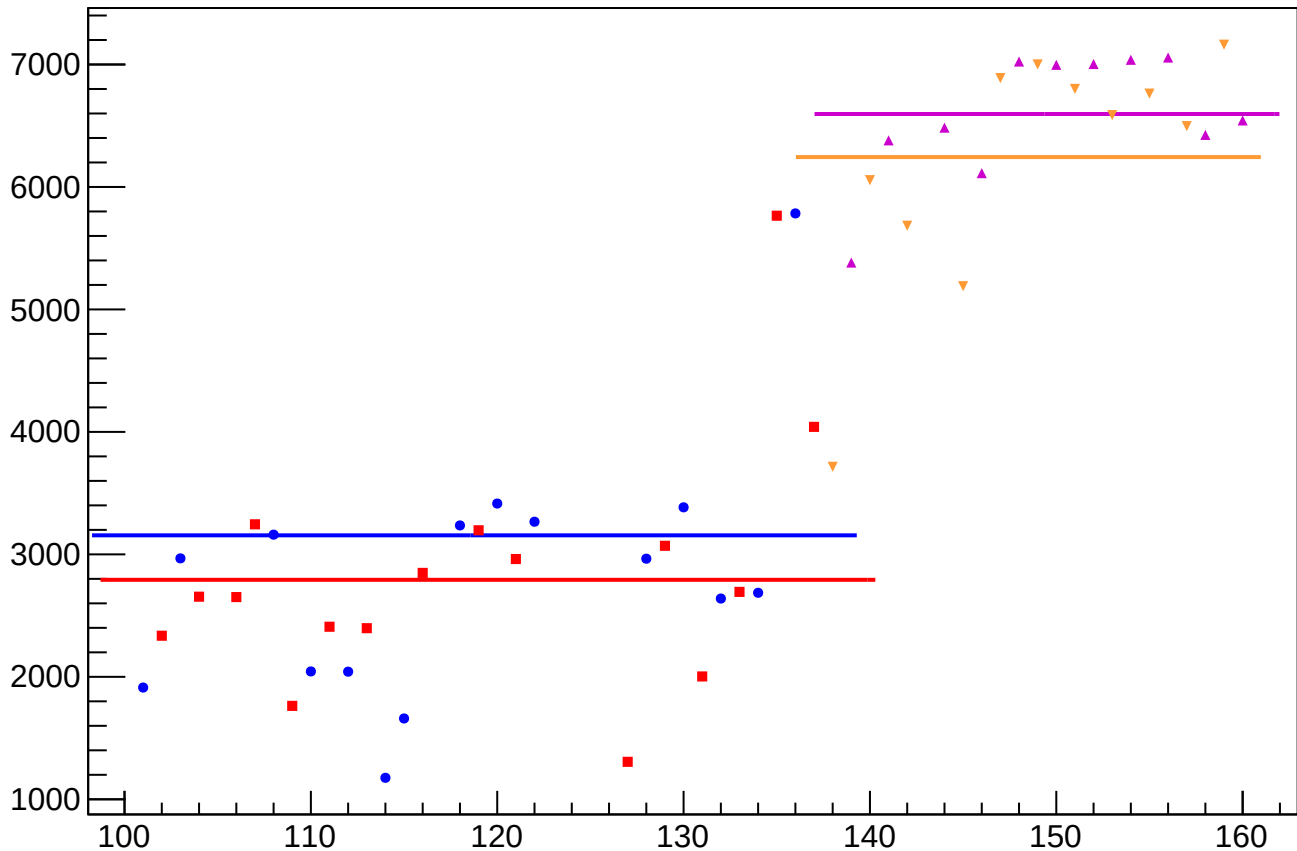
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

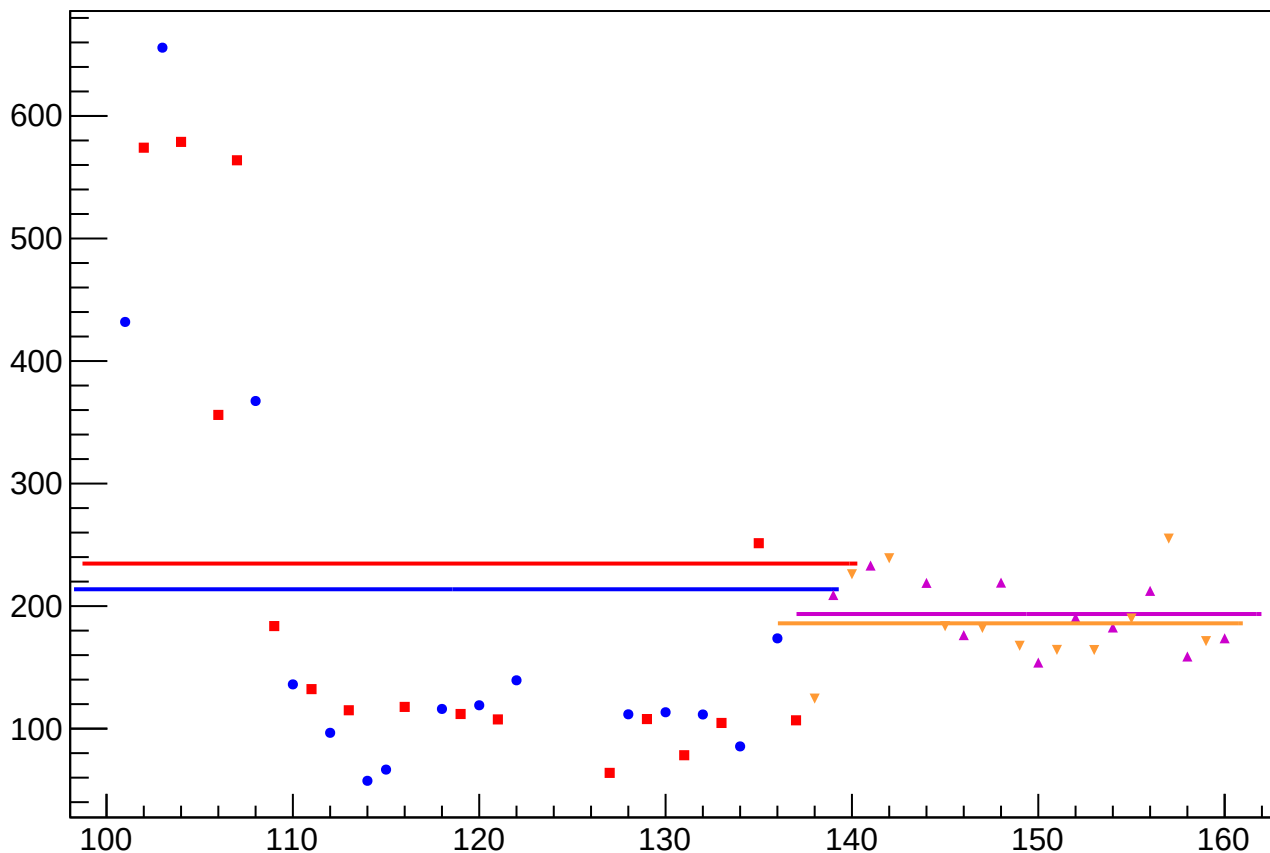
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 198.004+/-0.000 χ^2/NDF : 210596499701990

Left Out: 185.948+/-0.000 χ^2/NDF : 1057706607595767583587974846640816128.0/10

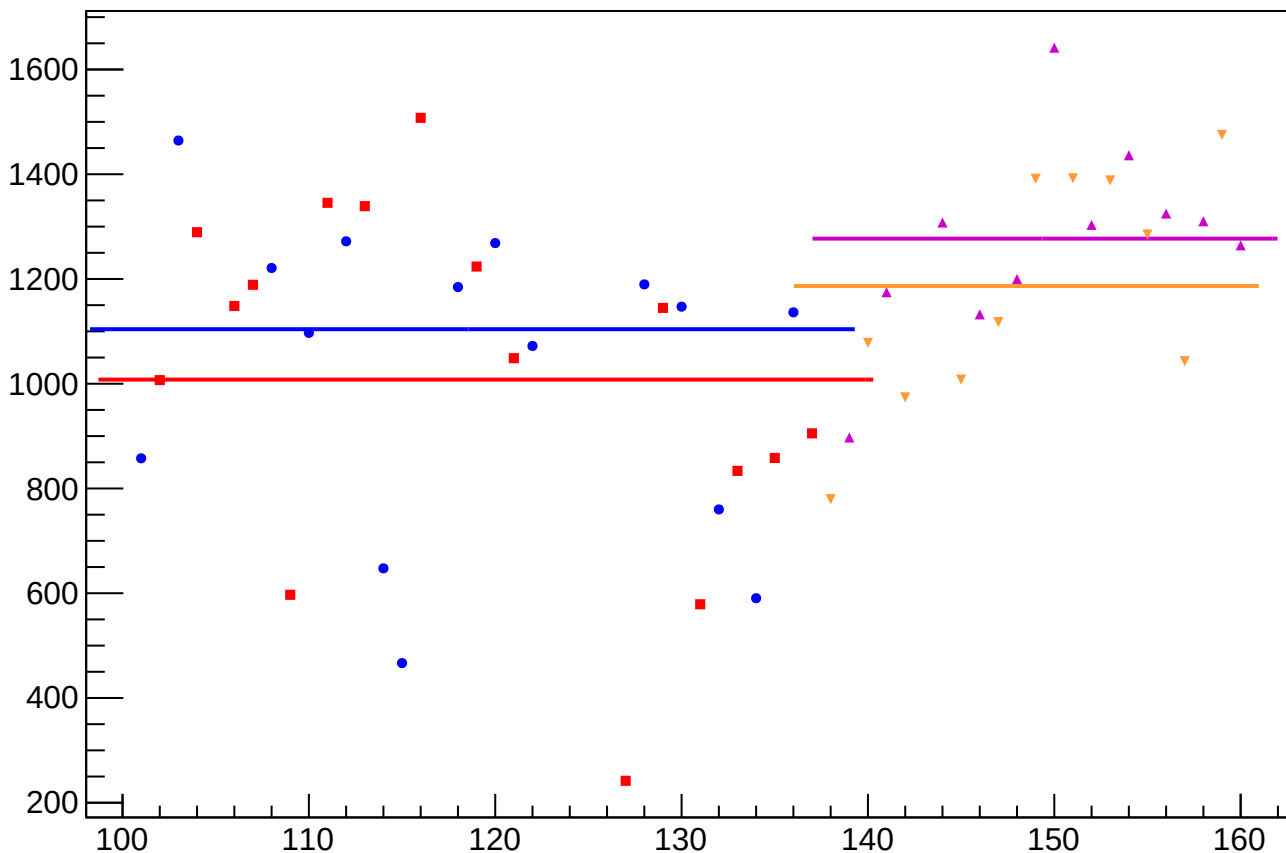
All: 204.600+/-0.000 χ^2/NDF : 464545737853

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 210.803+/-0.000 χ^2/NDF : 252686308073901

Left In: 193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

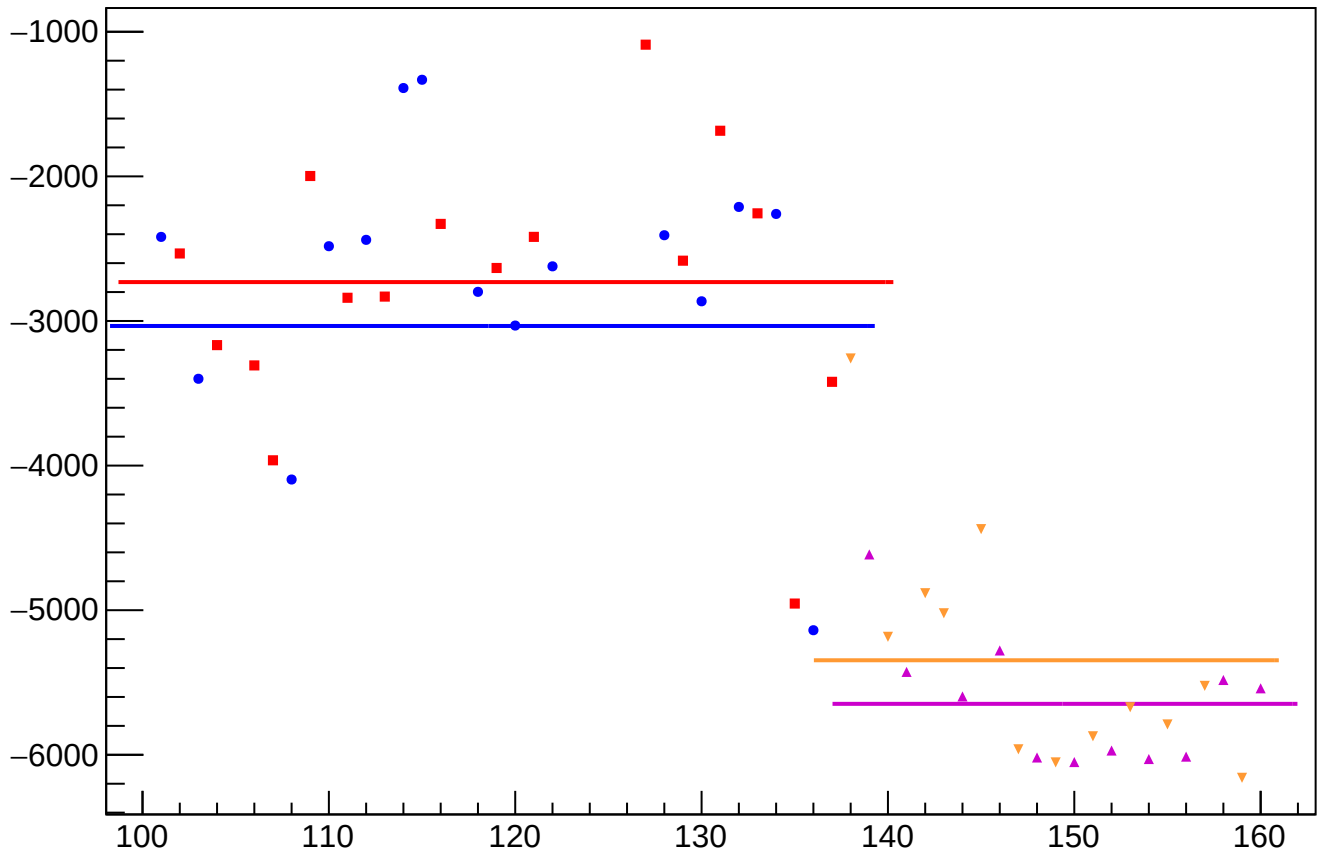
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

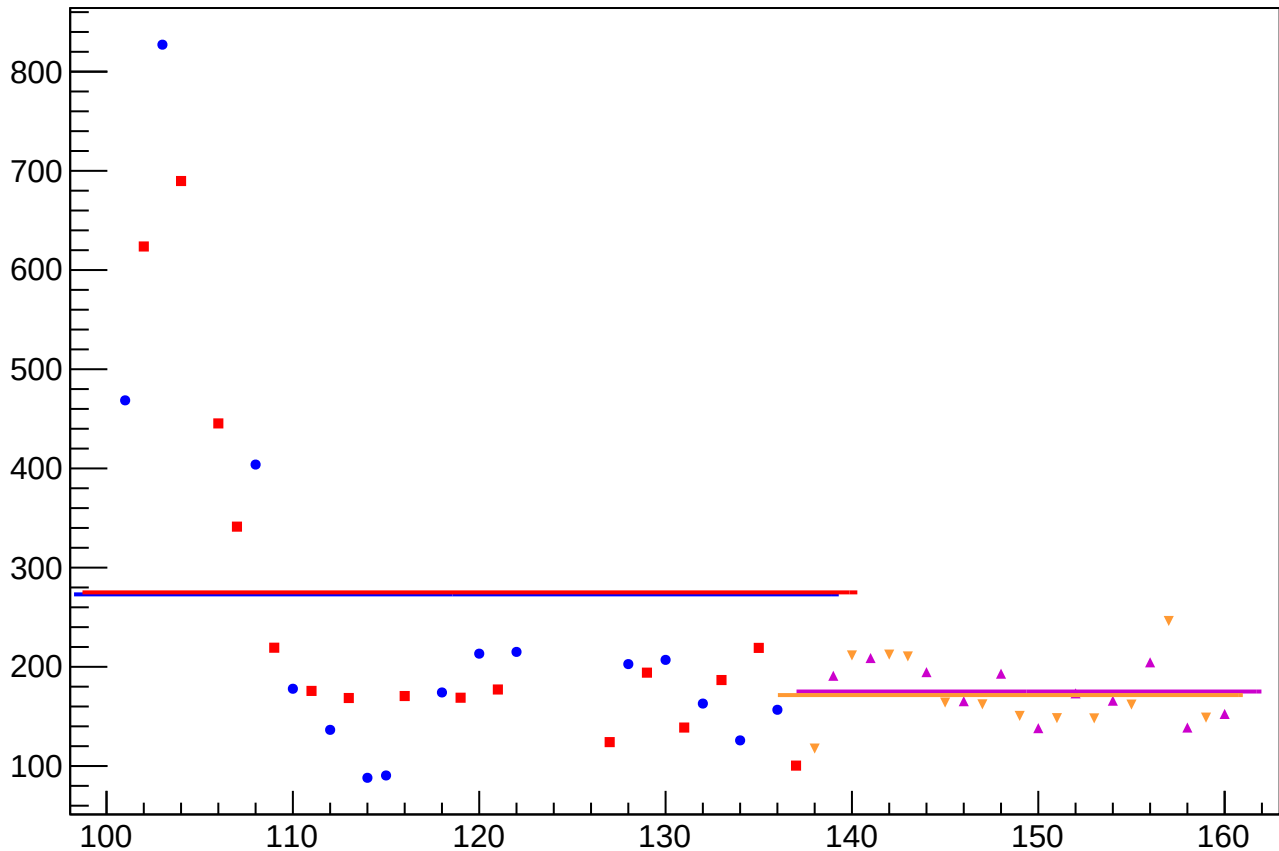
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



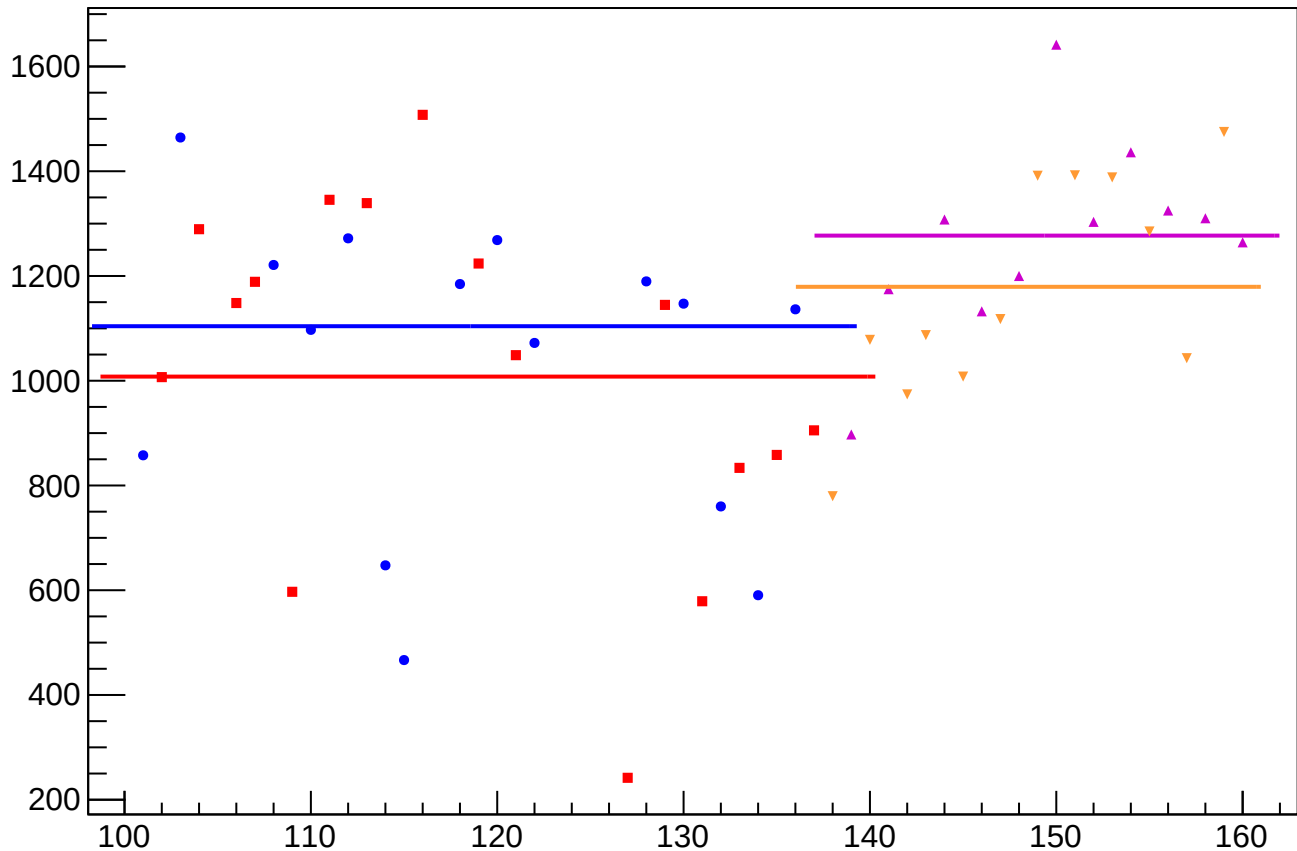
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



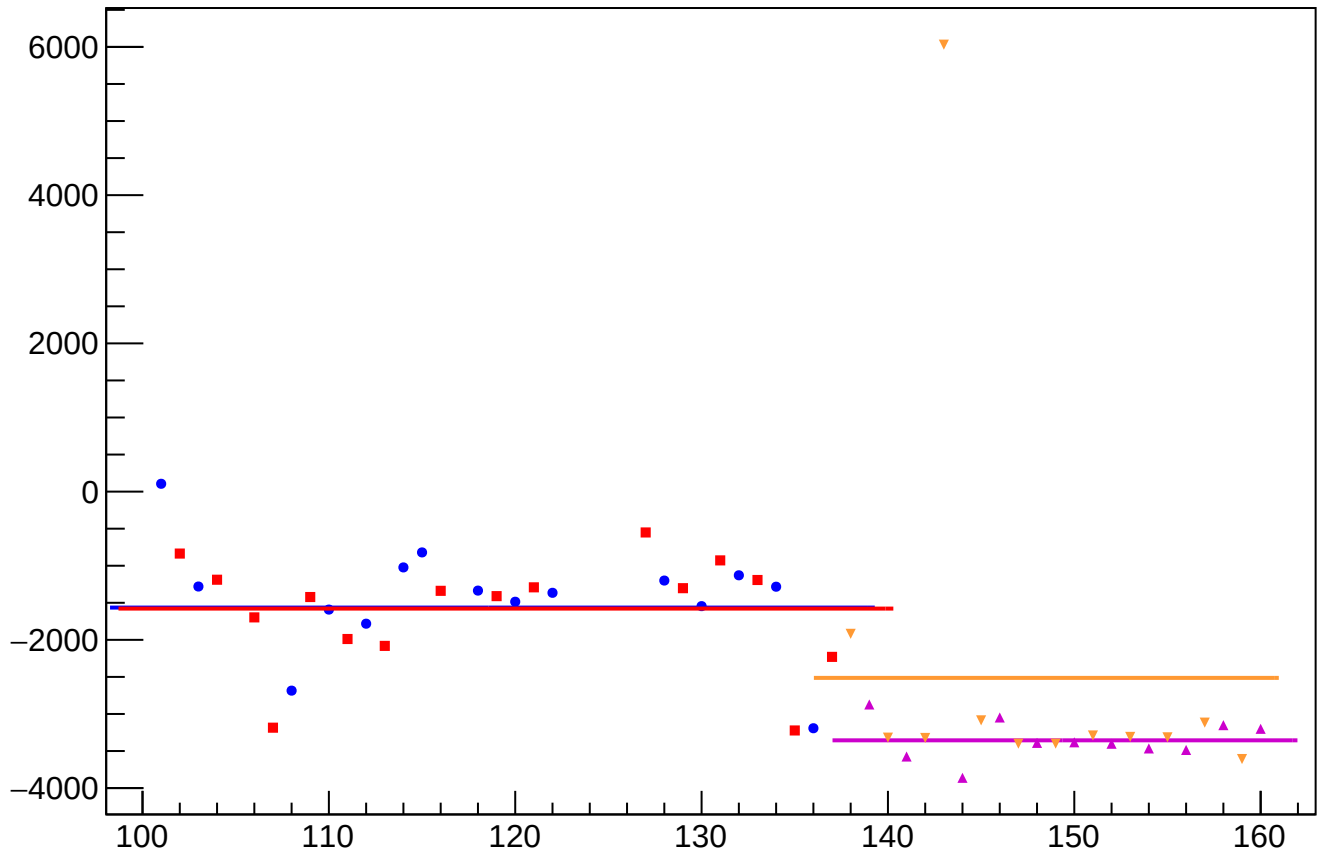
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

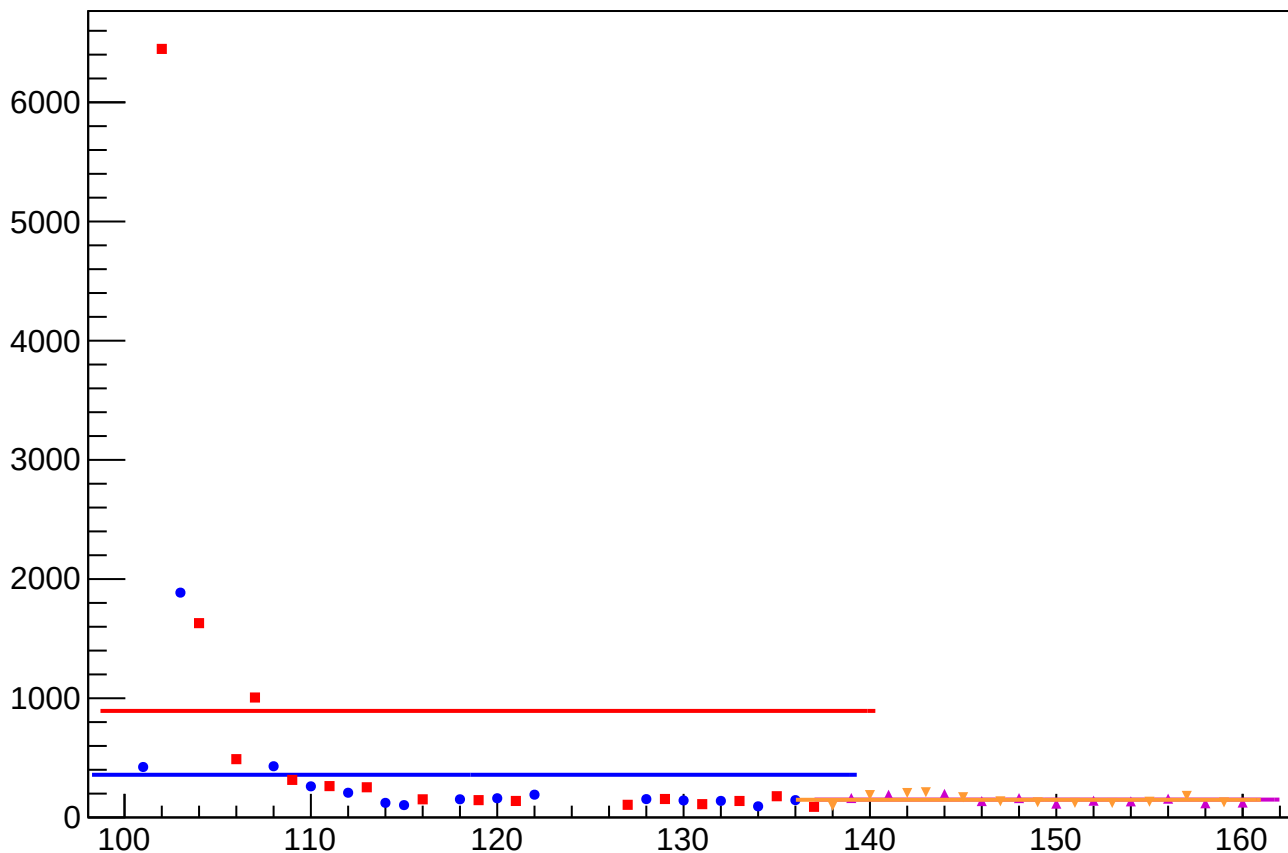
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2513.182+/-0.000	χ^2/NDF : 5431127813565364988673729418683400323072.0/11
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3355.712+/-0.000	χ^2/NDF : 61603128430044333980990125877093203968.0/10

+ sign -2119.303+/-0.000 χ^2/NDF : 6256498974115
 All: -2367.087+/-0.000 χ^2/NDF : 8100740550
 - sign -2610.511+/-0.000 χ^2/NDF : 1654003244515

dit_atl1_coil3_err_mean vs Slug



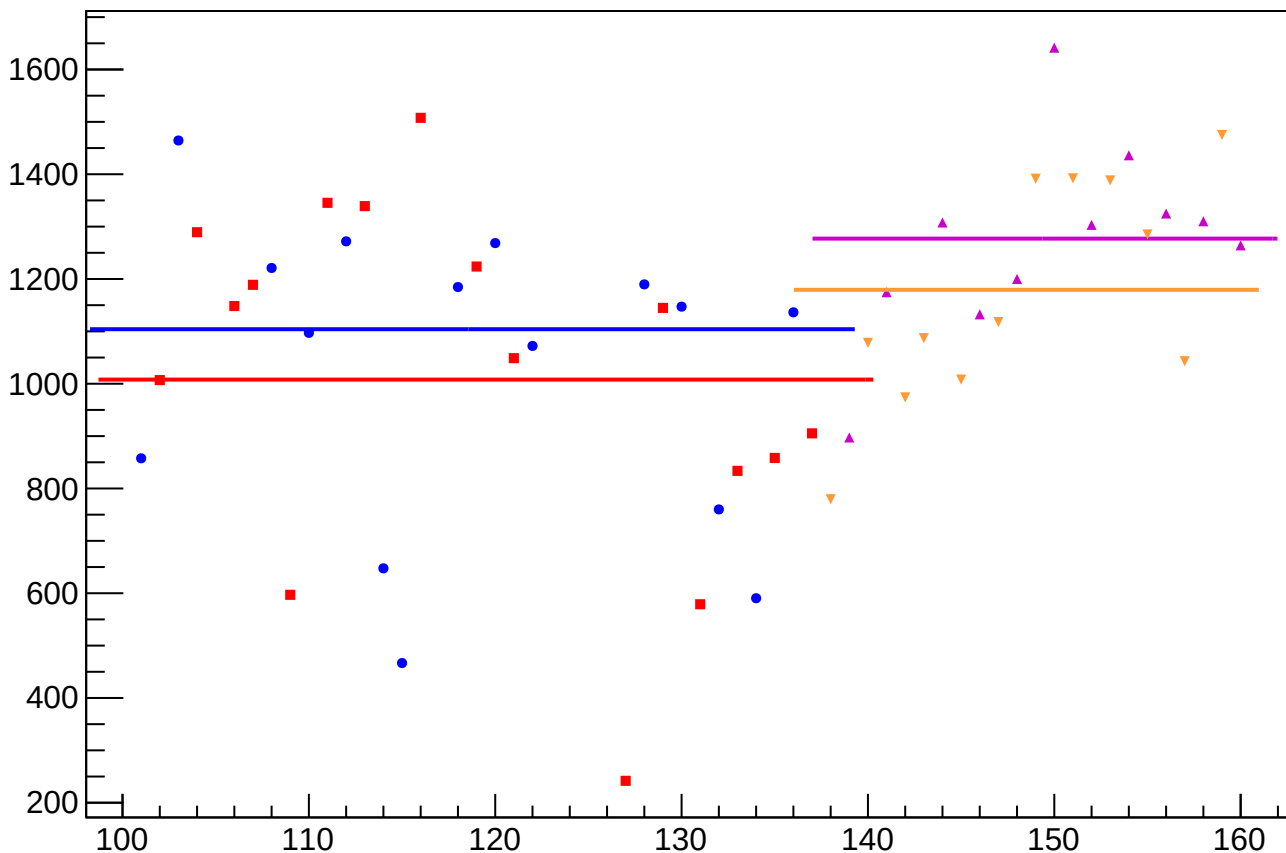
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



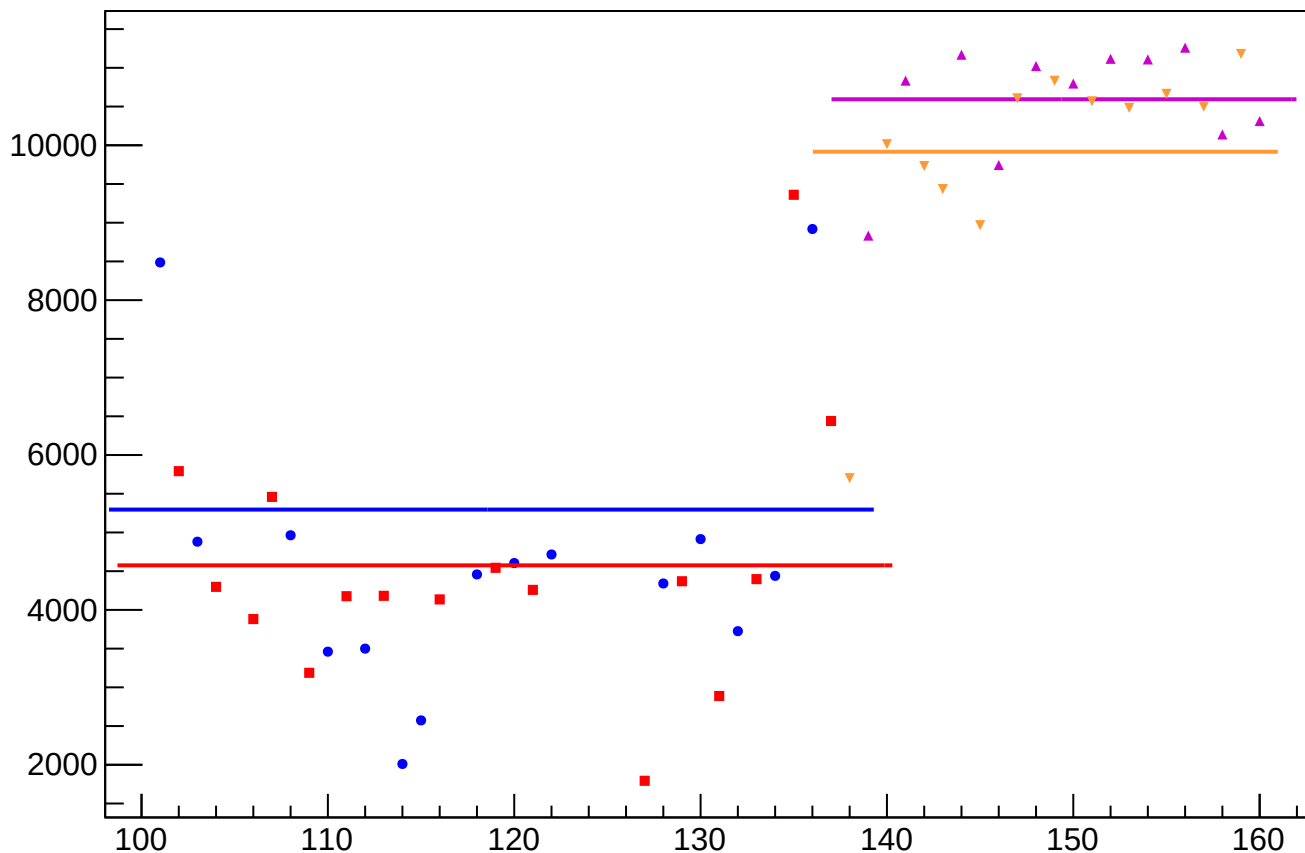
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

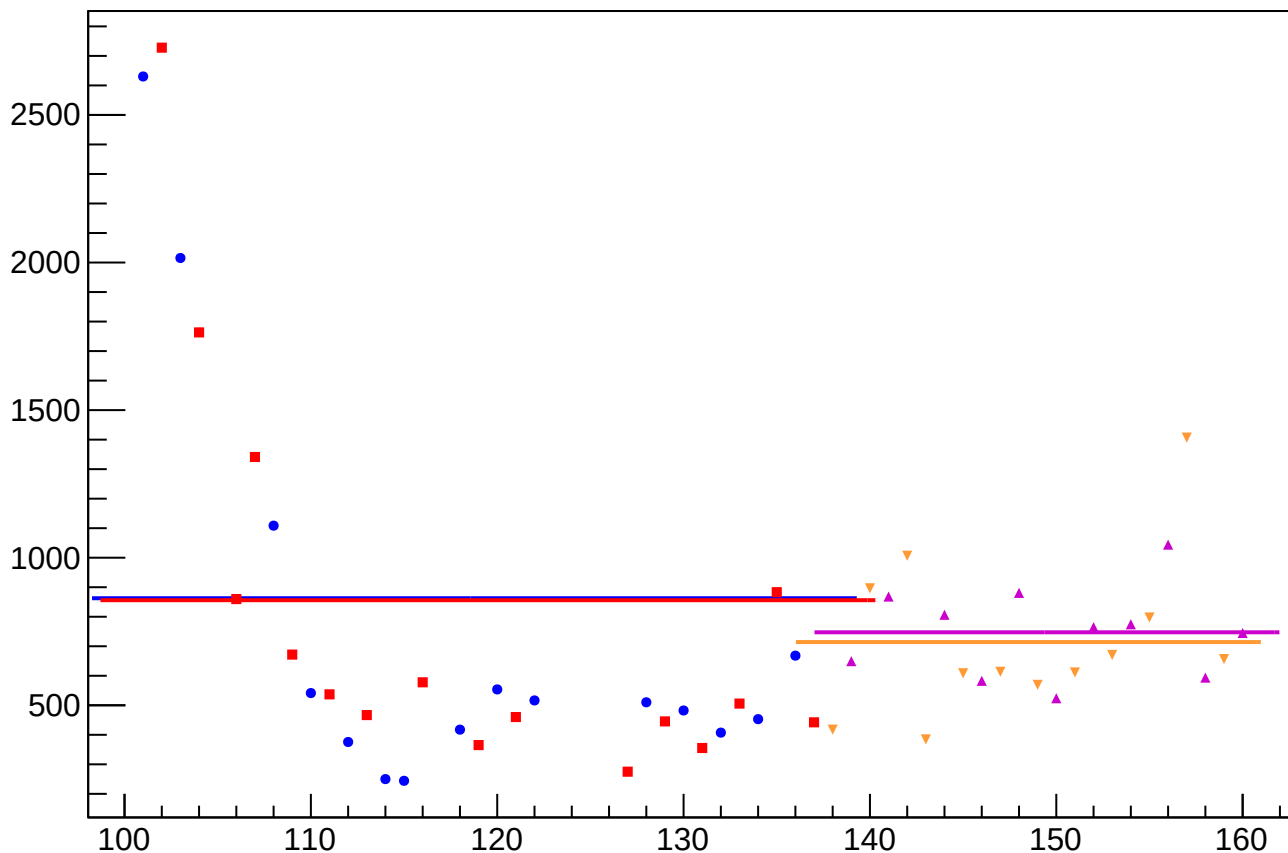
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420 $\pm$ 0.000 χ^2 /NDF: 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095 $\pm$ 0.000 χ^2 /NDF: 469955671378487676963254464485150162944.0/10

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

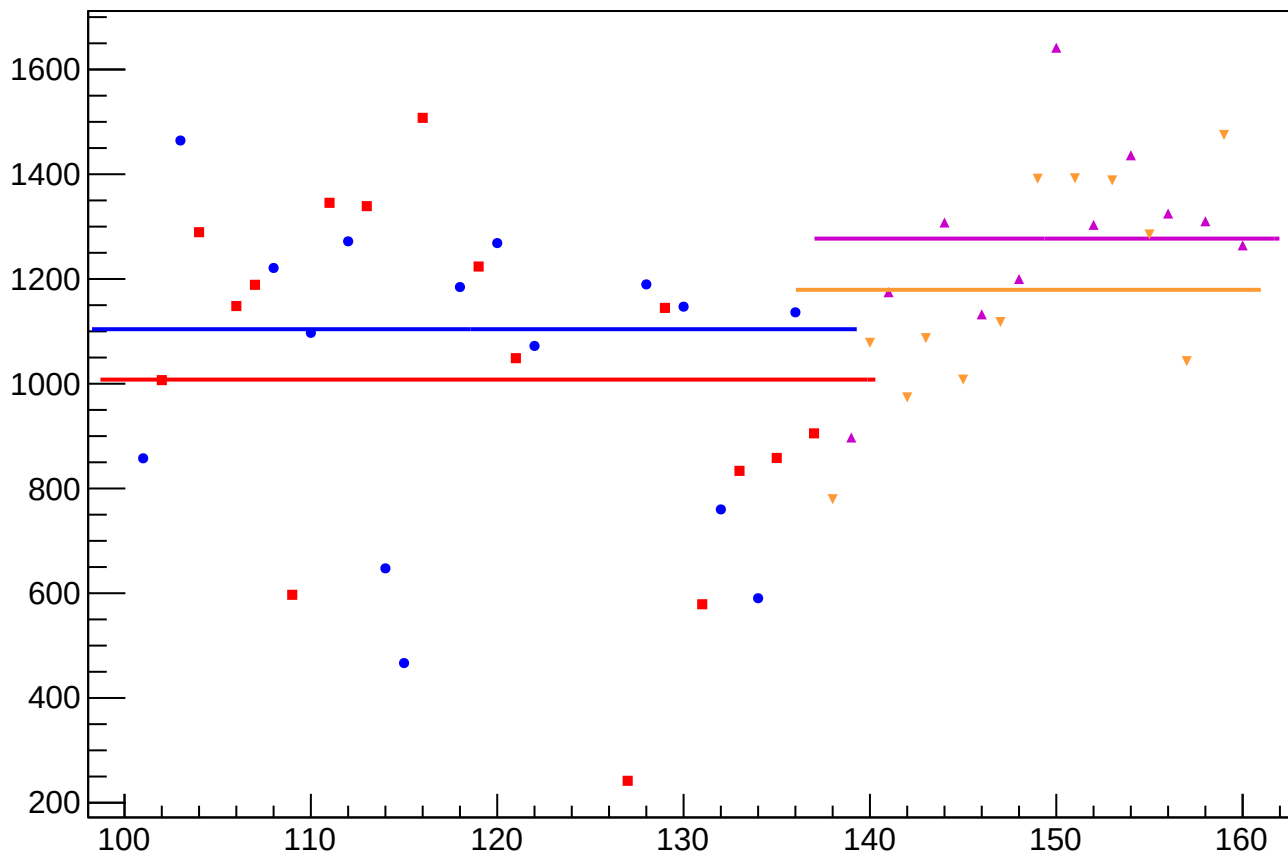
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

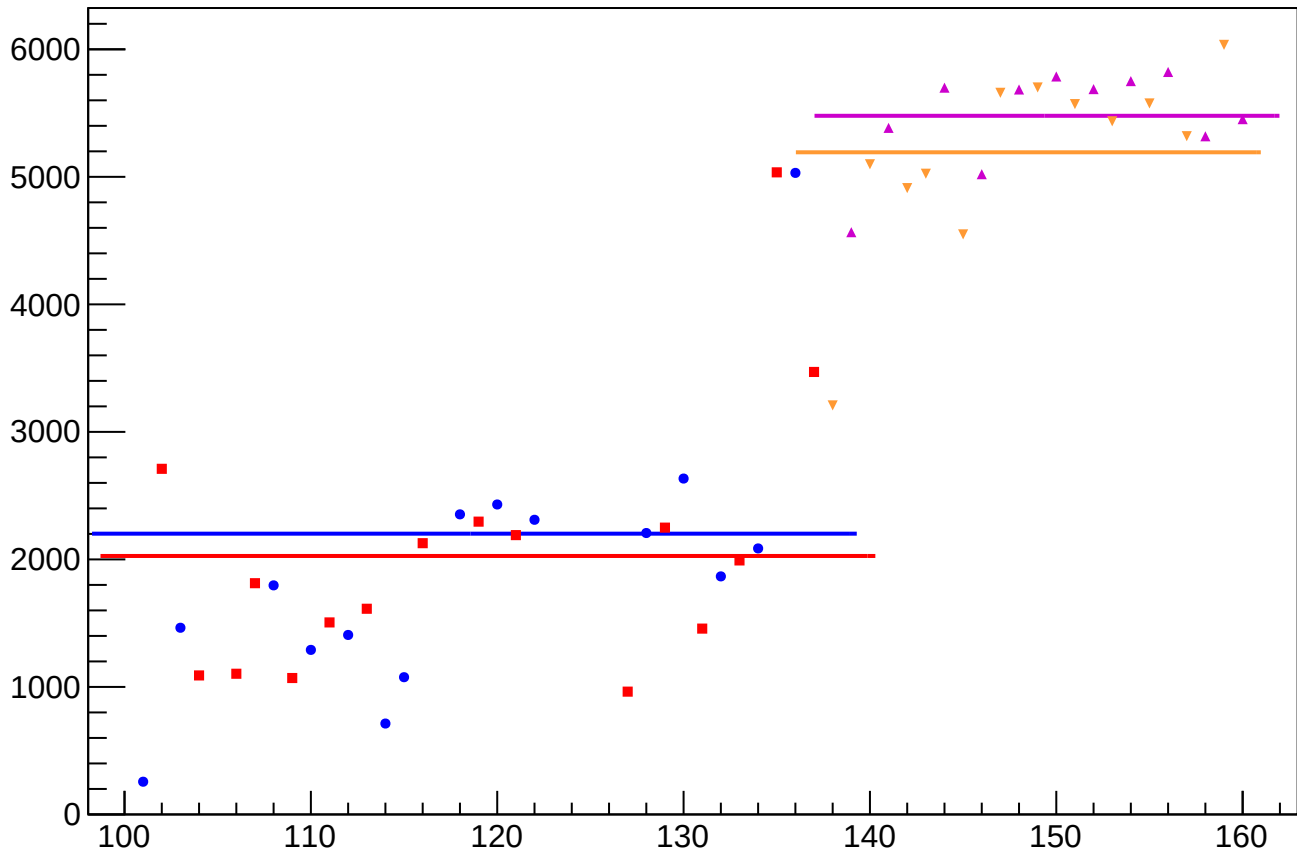
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

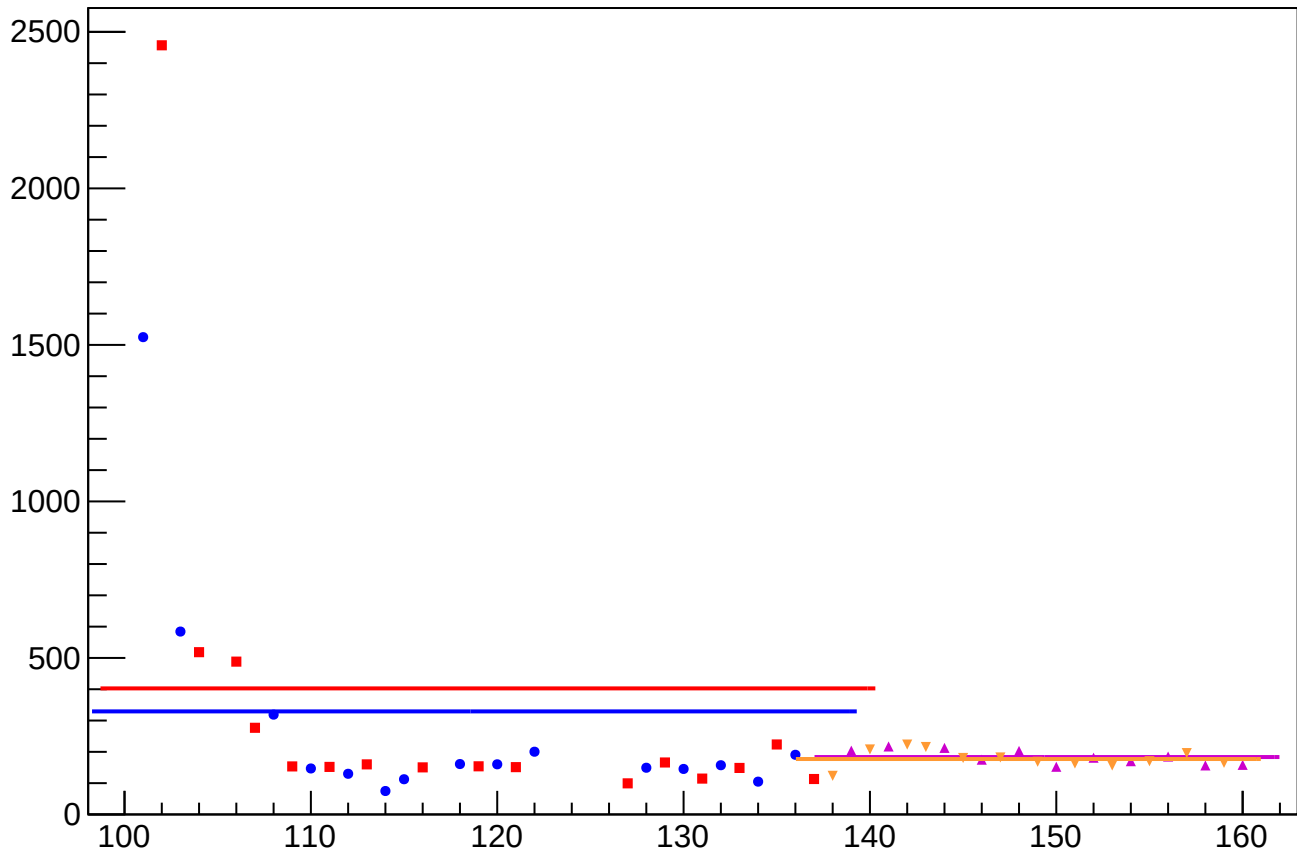
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14	+ sign 3950.684+/-0.000	χ^2/NDF : 49512221502414
Left Out: 5192.476+/-0.000	χ^2/NDF : 470317118435532937200148346508624789504.0/11	All: 3991.515+/-0.000	χ^2/NDF : 10404550233
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 4031.627+/-0.000	χ^2/NDF : 54481624345363
Left In: 5478.713+/-0.000	χ^2/NDF : 124186054771424011873849346802583601152.0/10		

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 177.101+/-0.000 χ^2/NDF : 604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

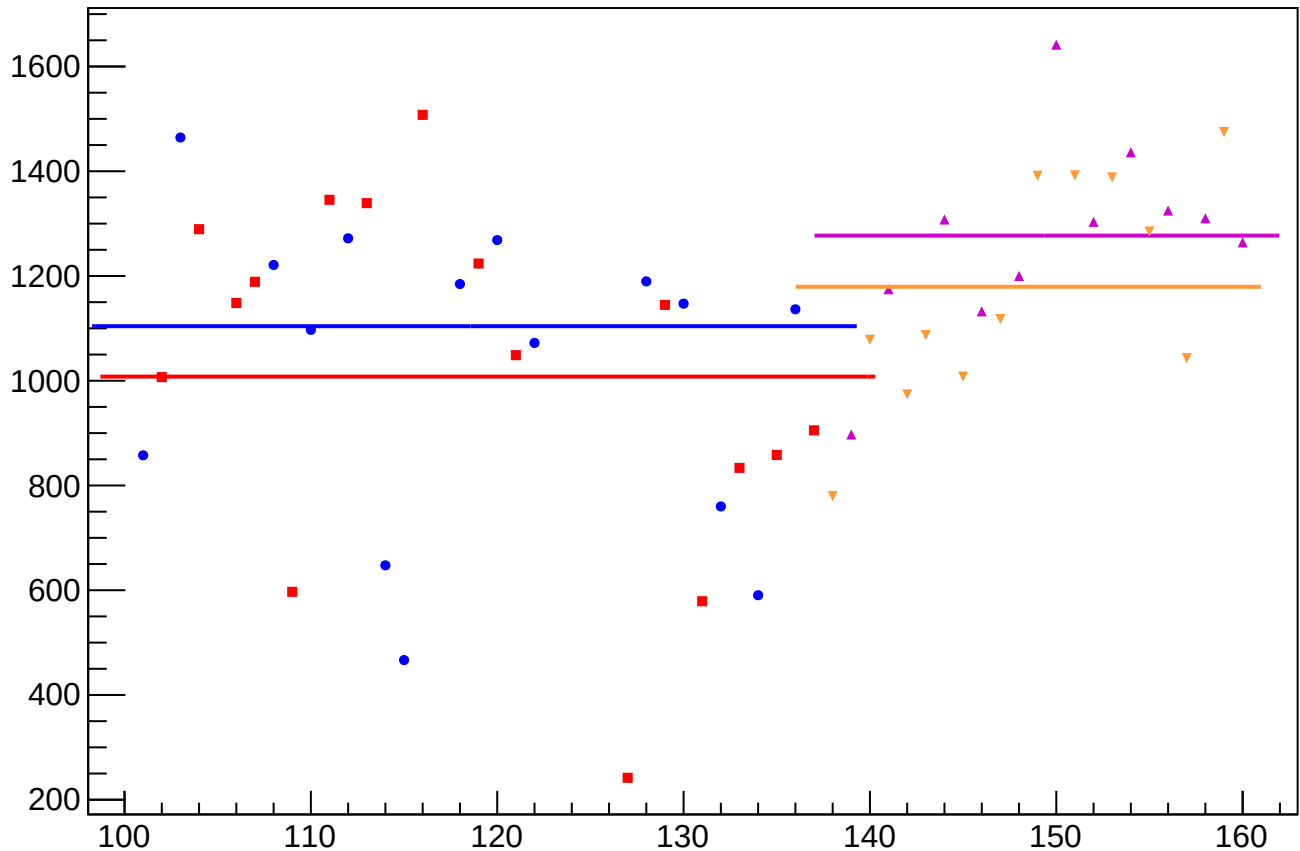
Left In: 183.411+/-0.000 χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

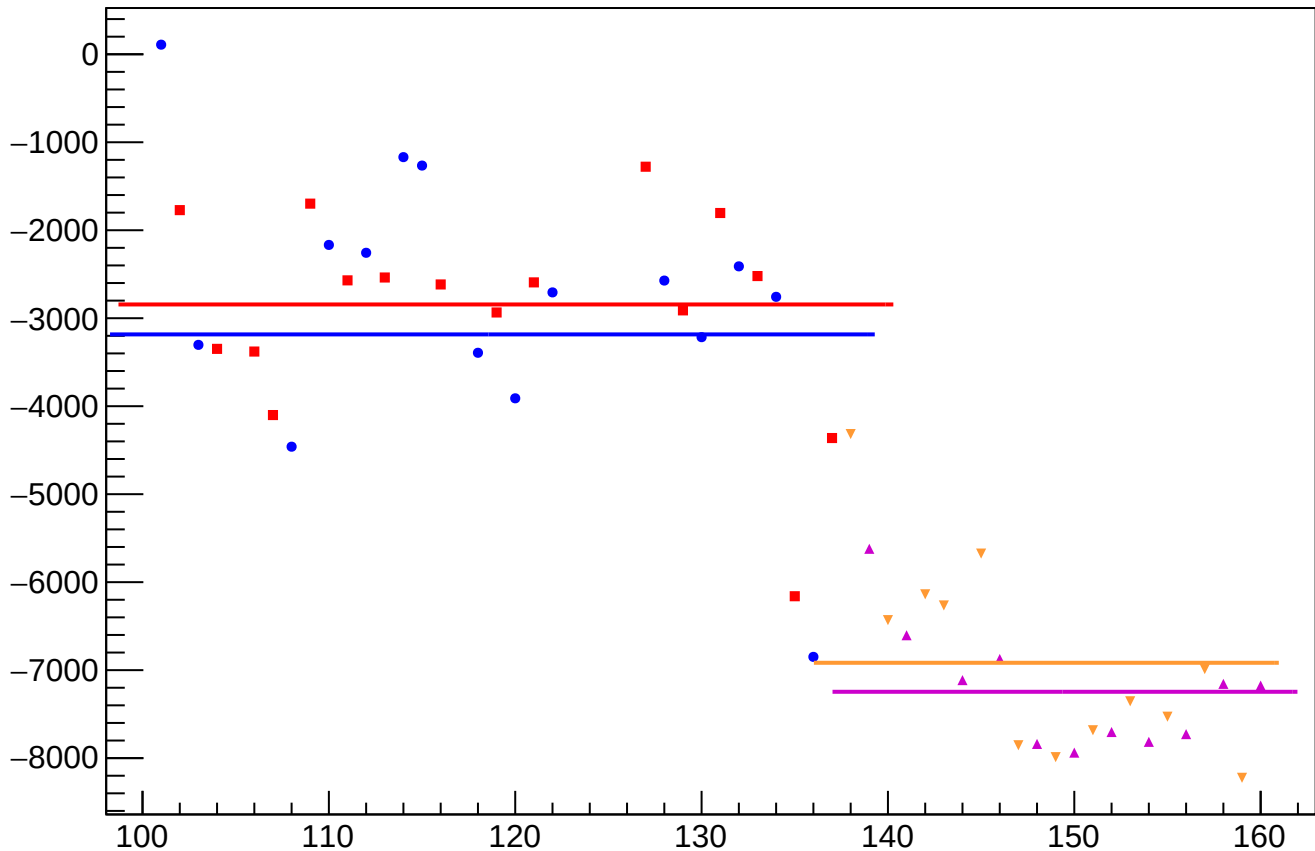
- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



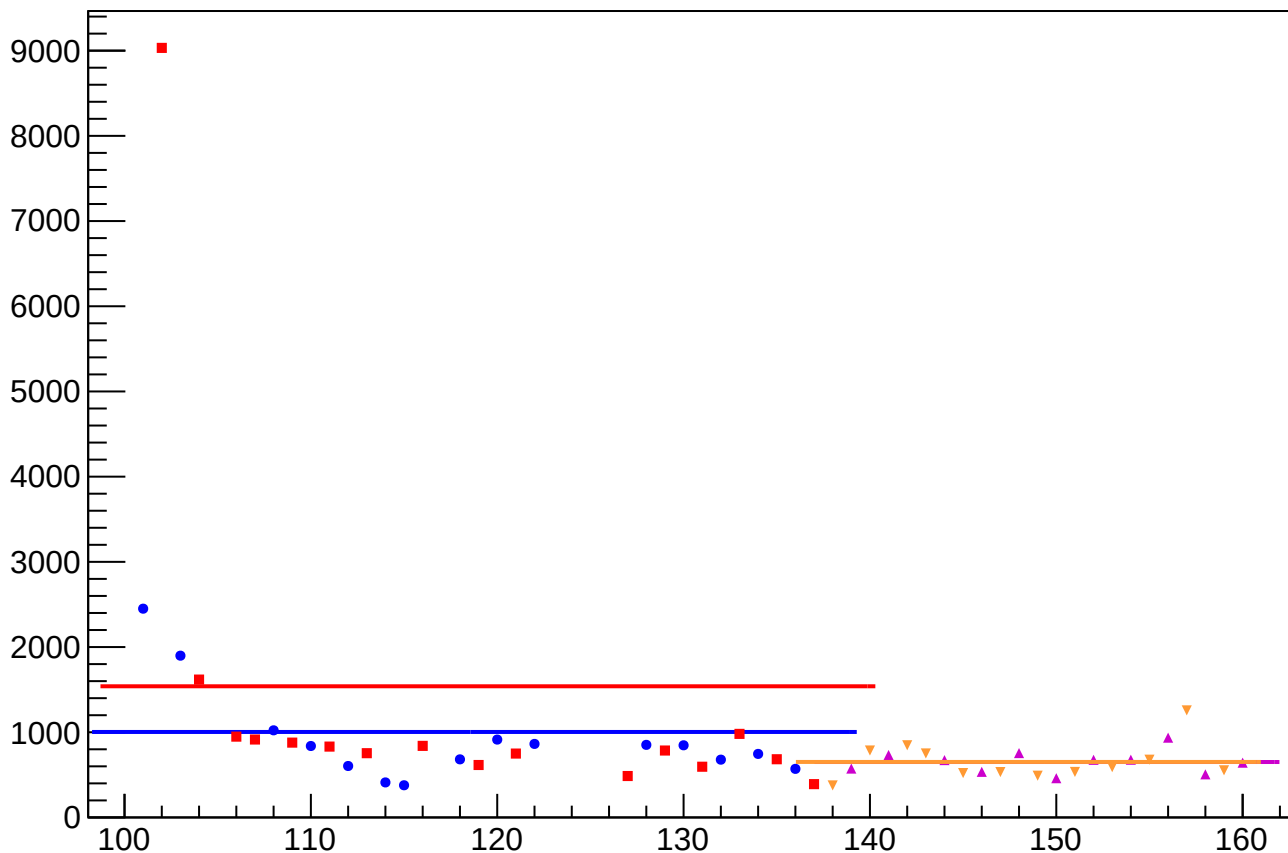
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



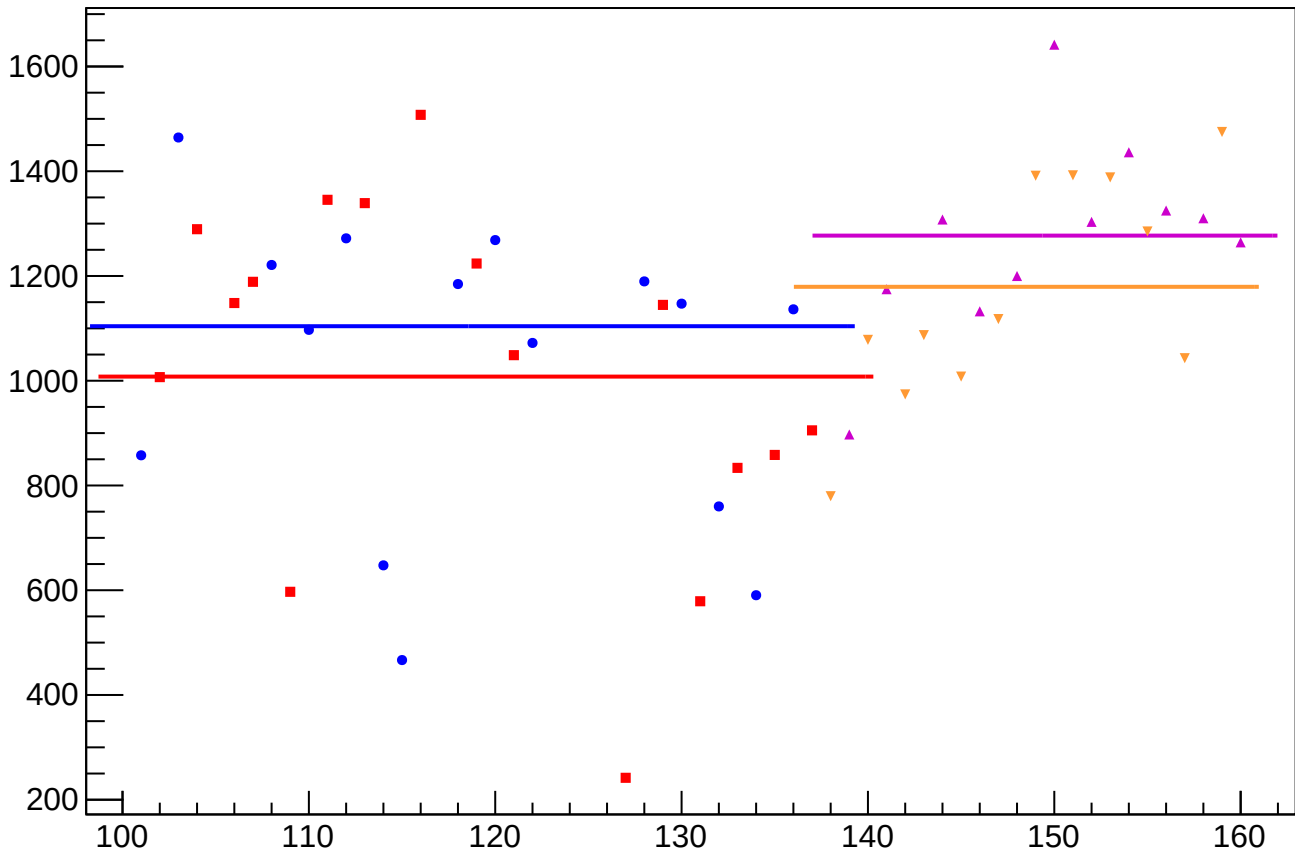
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

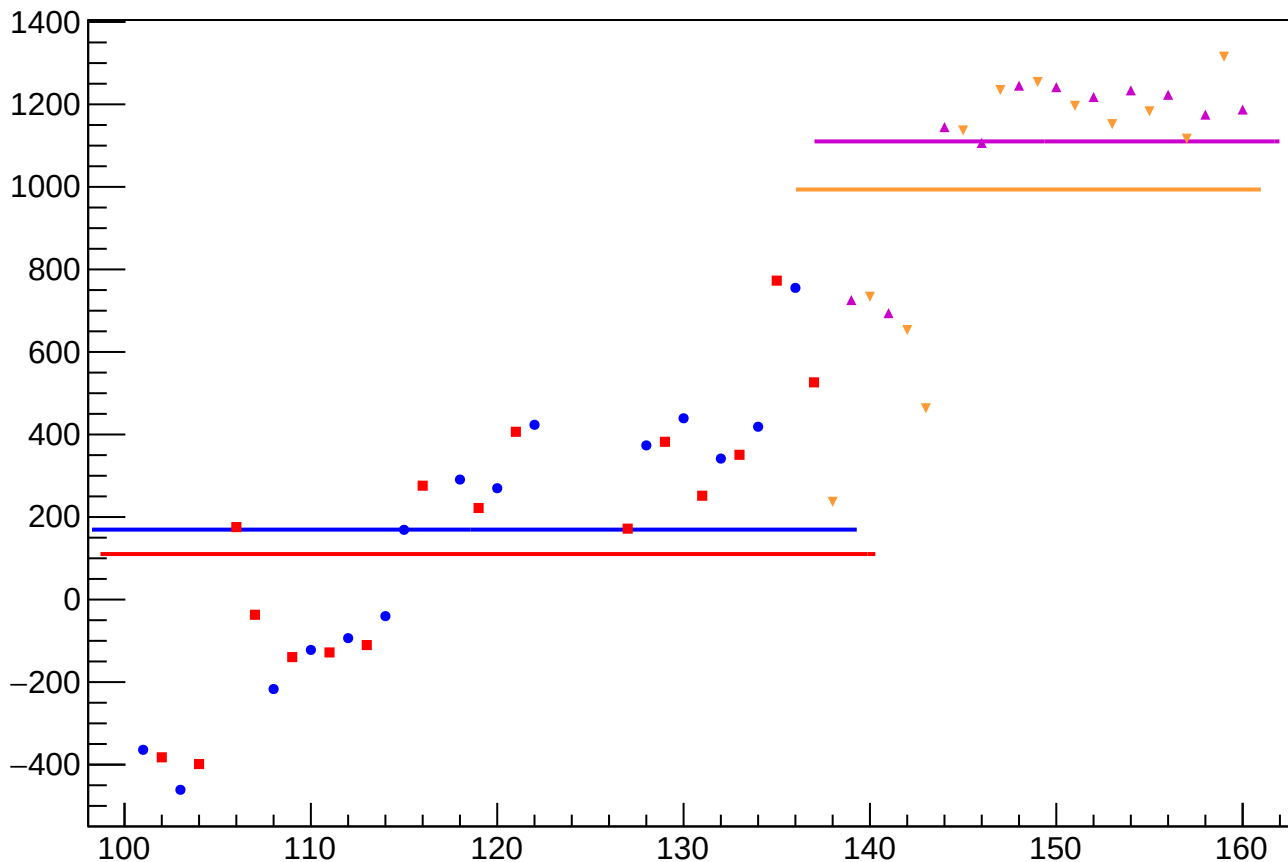
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

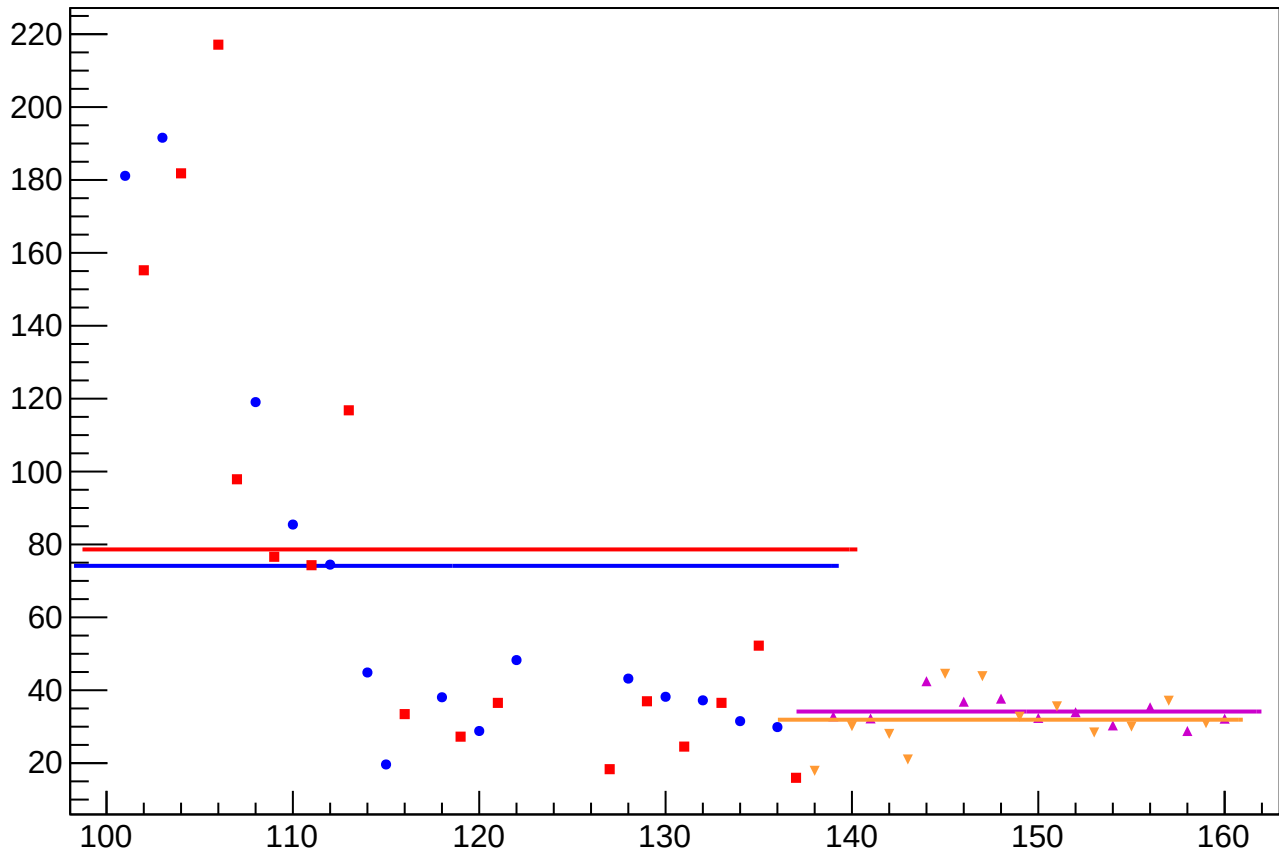
All: 671.406+/-0.000 χ^2/NDF : 951499306925

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

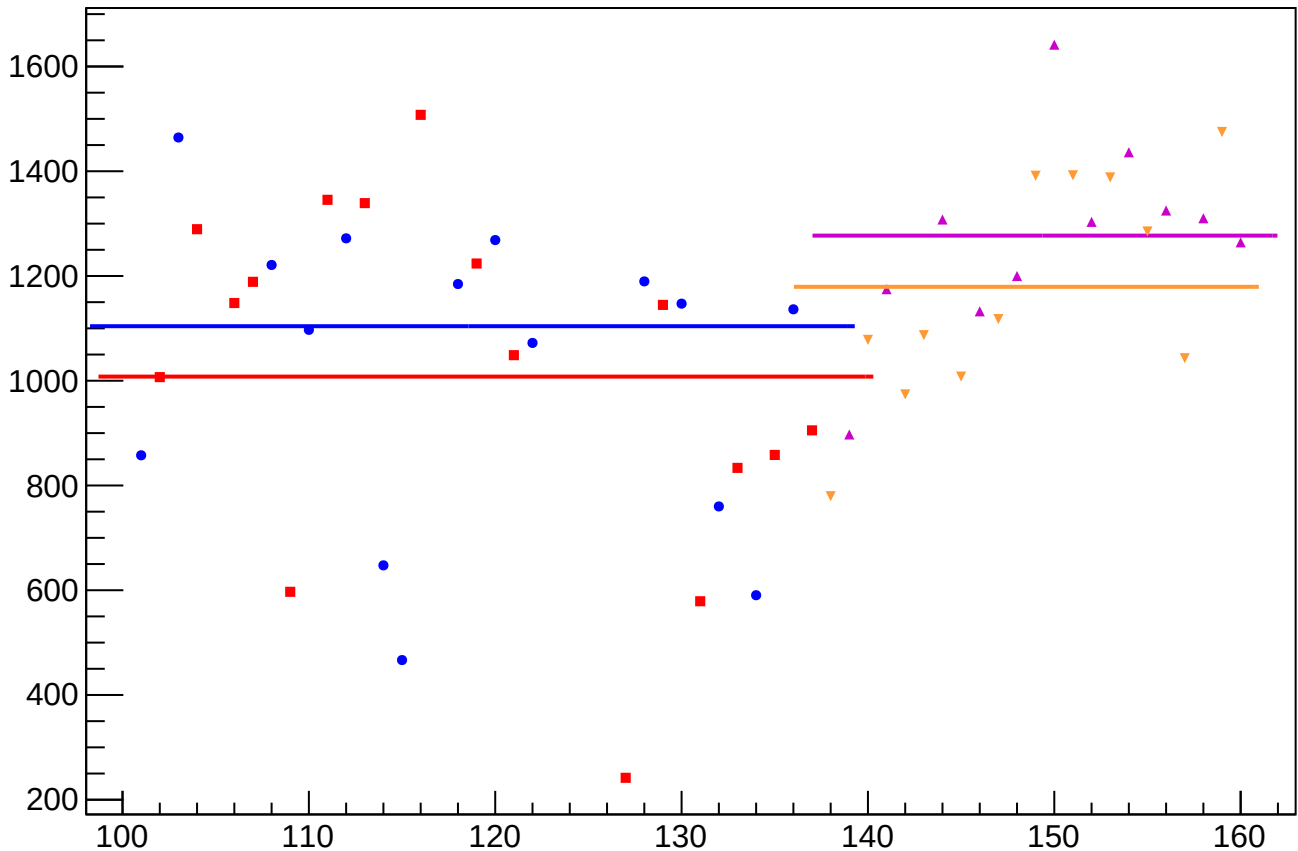
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

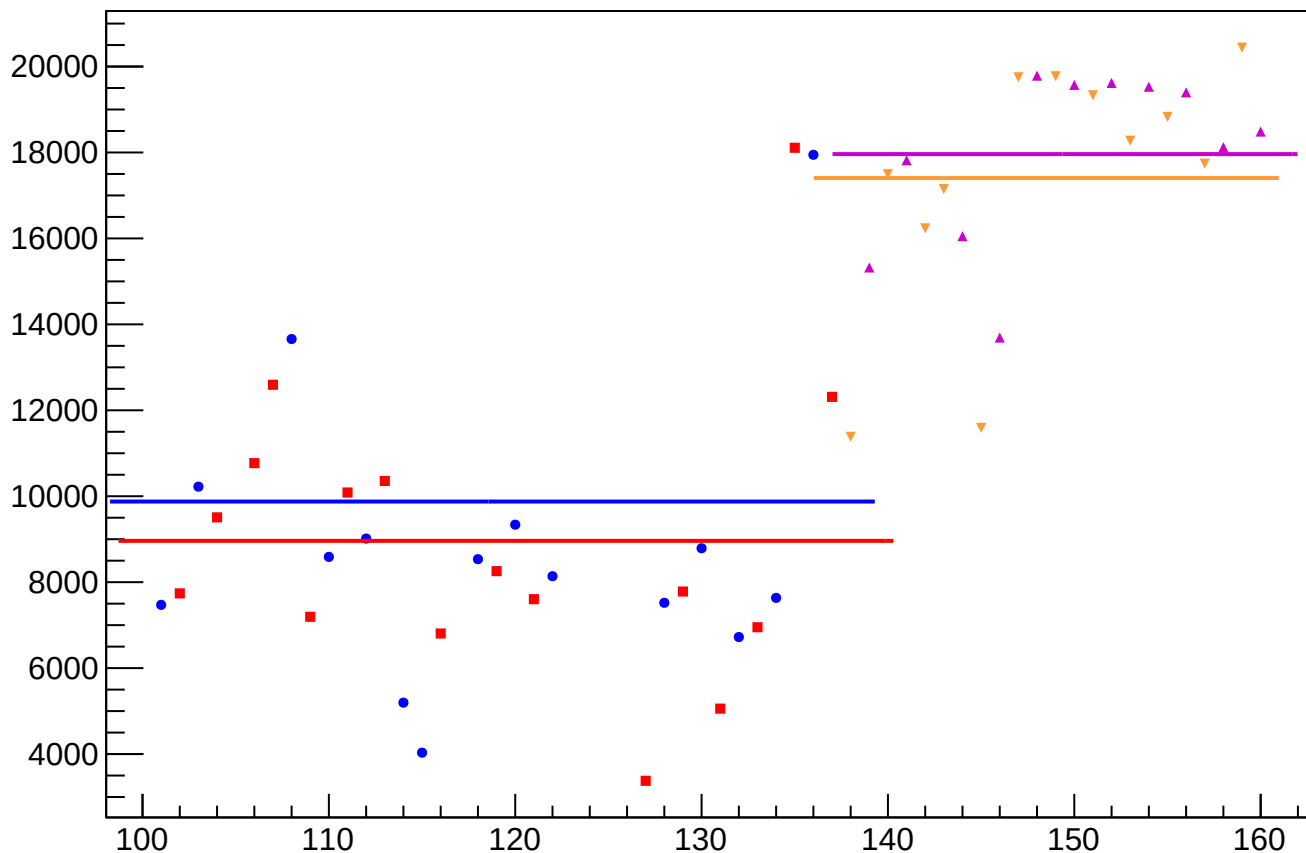
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

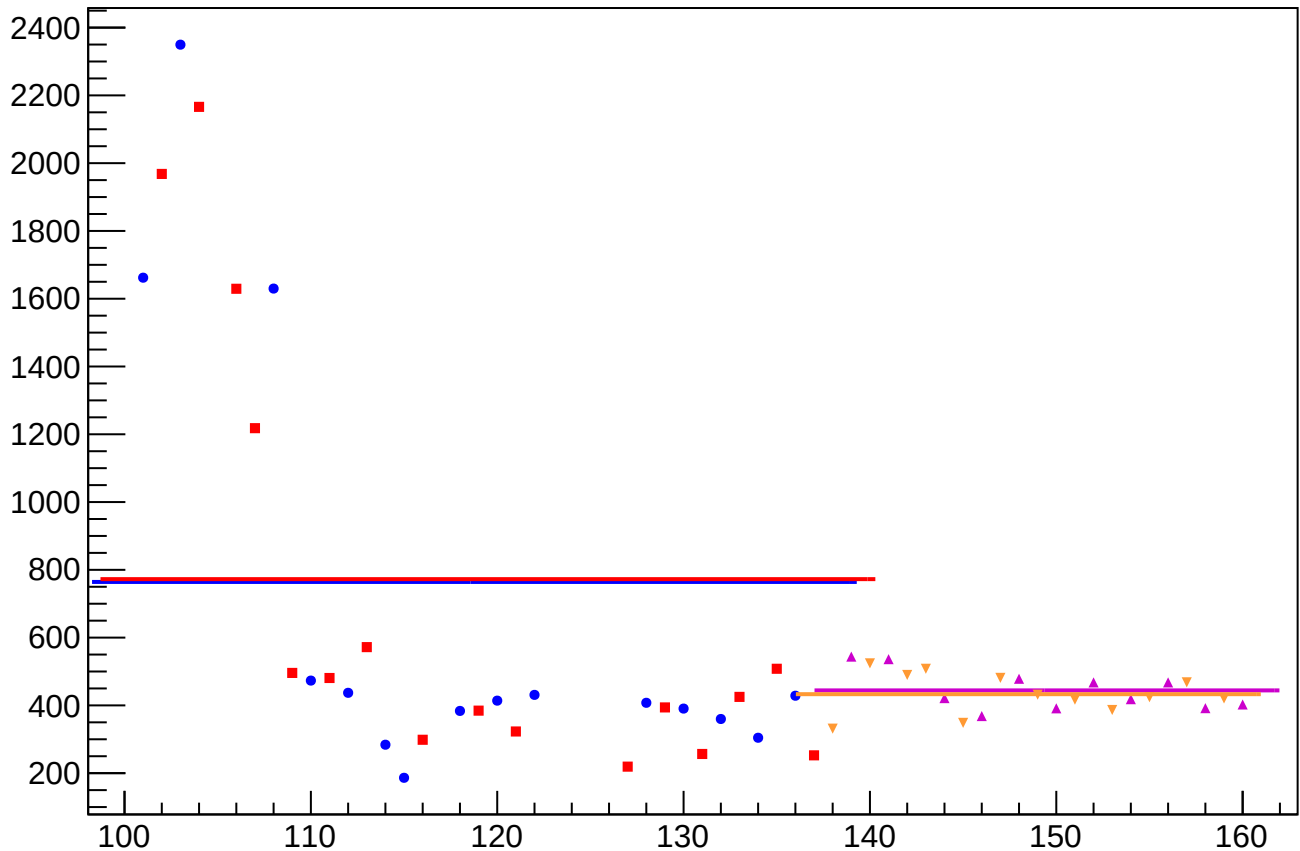
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049+/-0.000 χ^2/NDF : 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

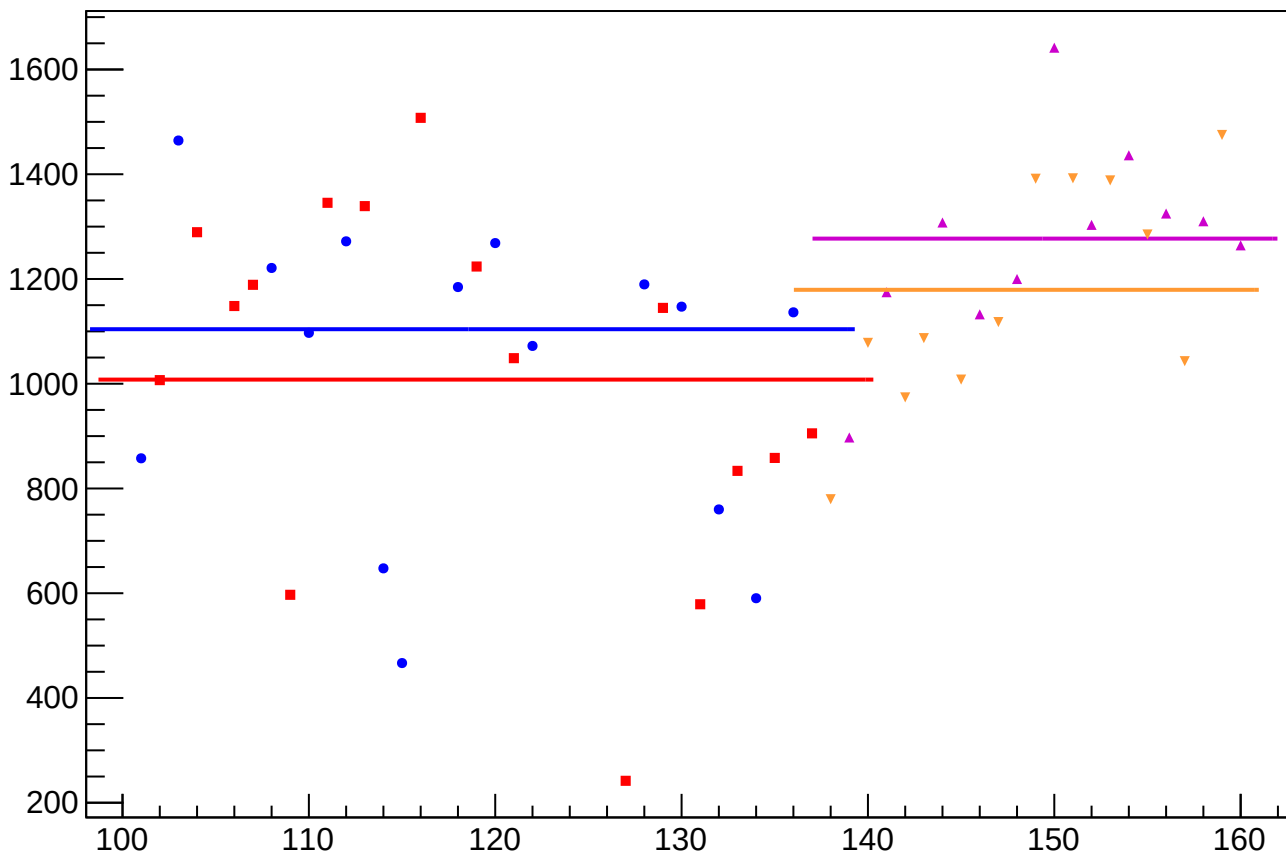
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

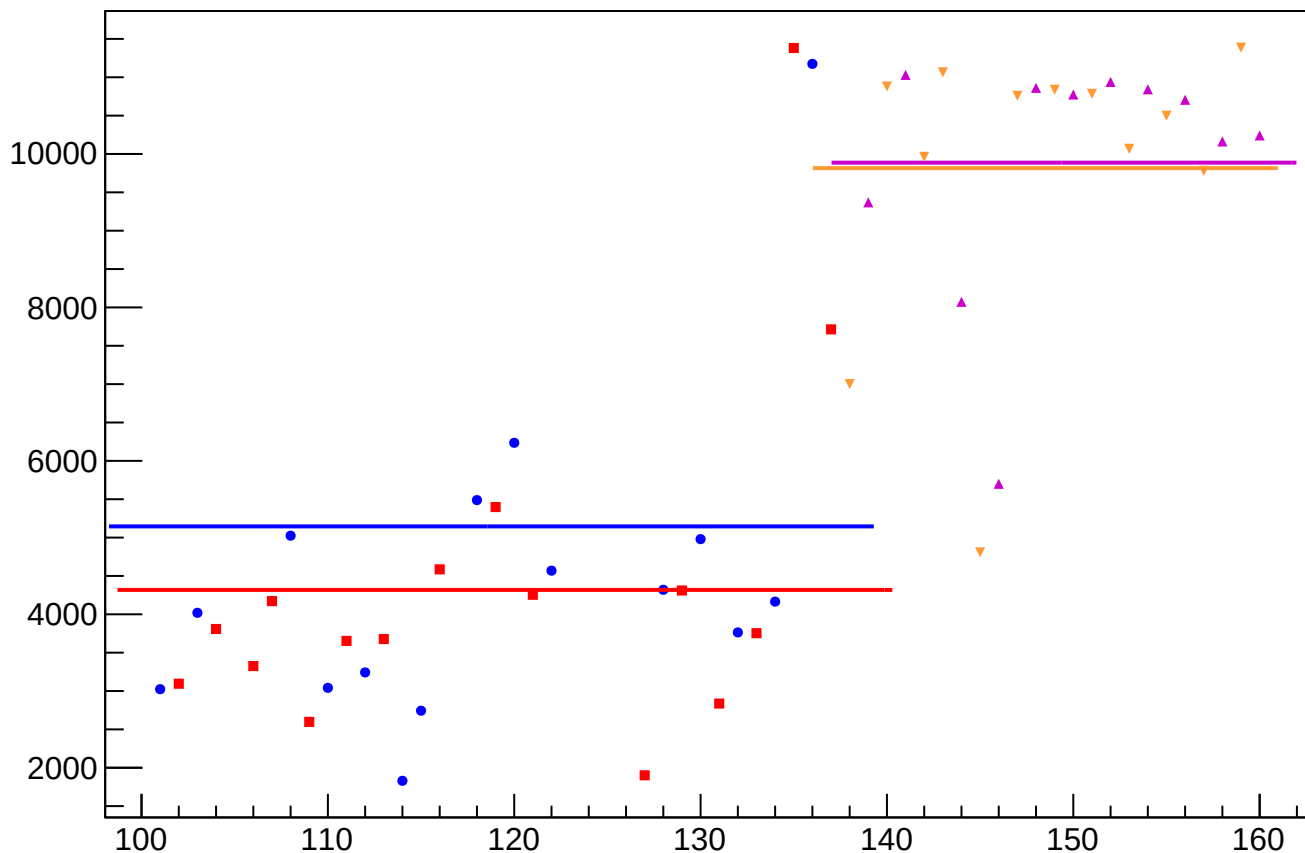
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

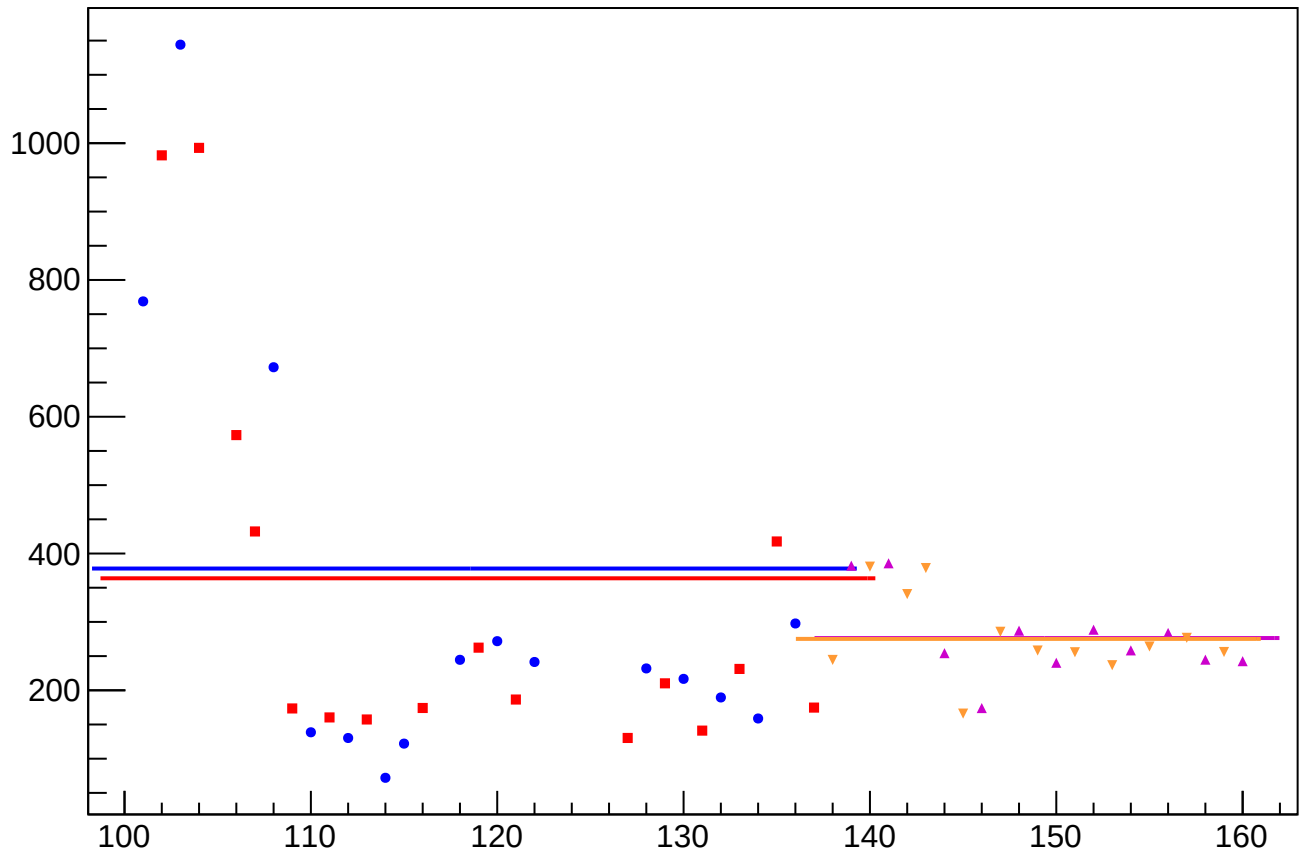
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 7876.592+/-0.000	χ^2/NDF : 15792133720732
Left Out: 9815.736+/-0.000	χ^2/NDF : 3242126212507286714618316704208262266880.0/11	All: 7713.049+/-0.000	χ^2/NDF : 33512301235
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 7552.383+/-0.000	χ^2/NDF : 17637293606384
Left In: 9887.069+/-0.000	χ^2/NDF : 2278516780225824082632420288802127347712.0/10		

dit_sam3_coil3_err_mean vs Slug



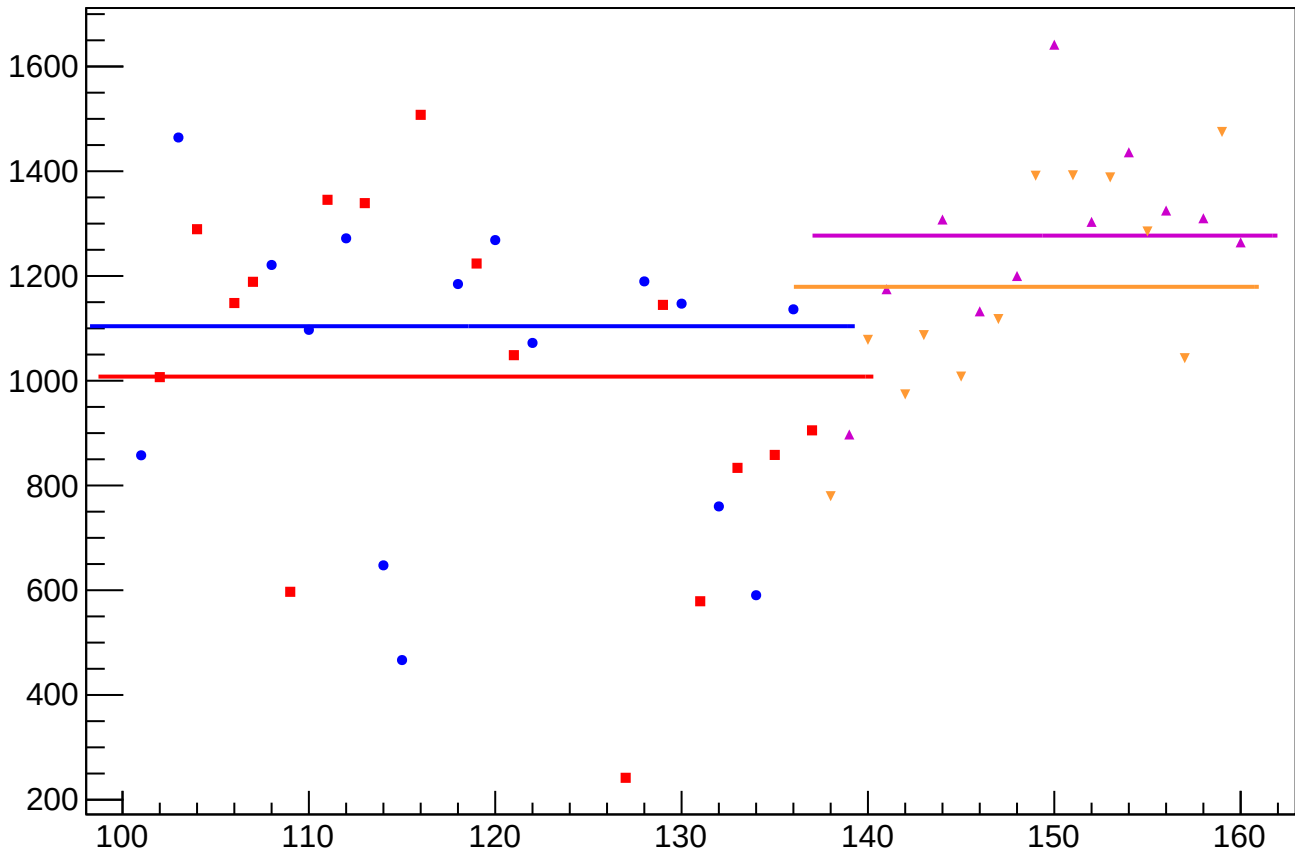
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

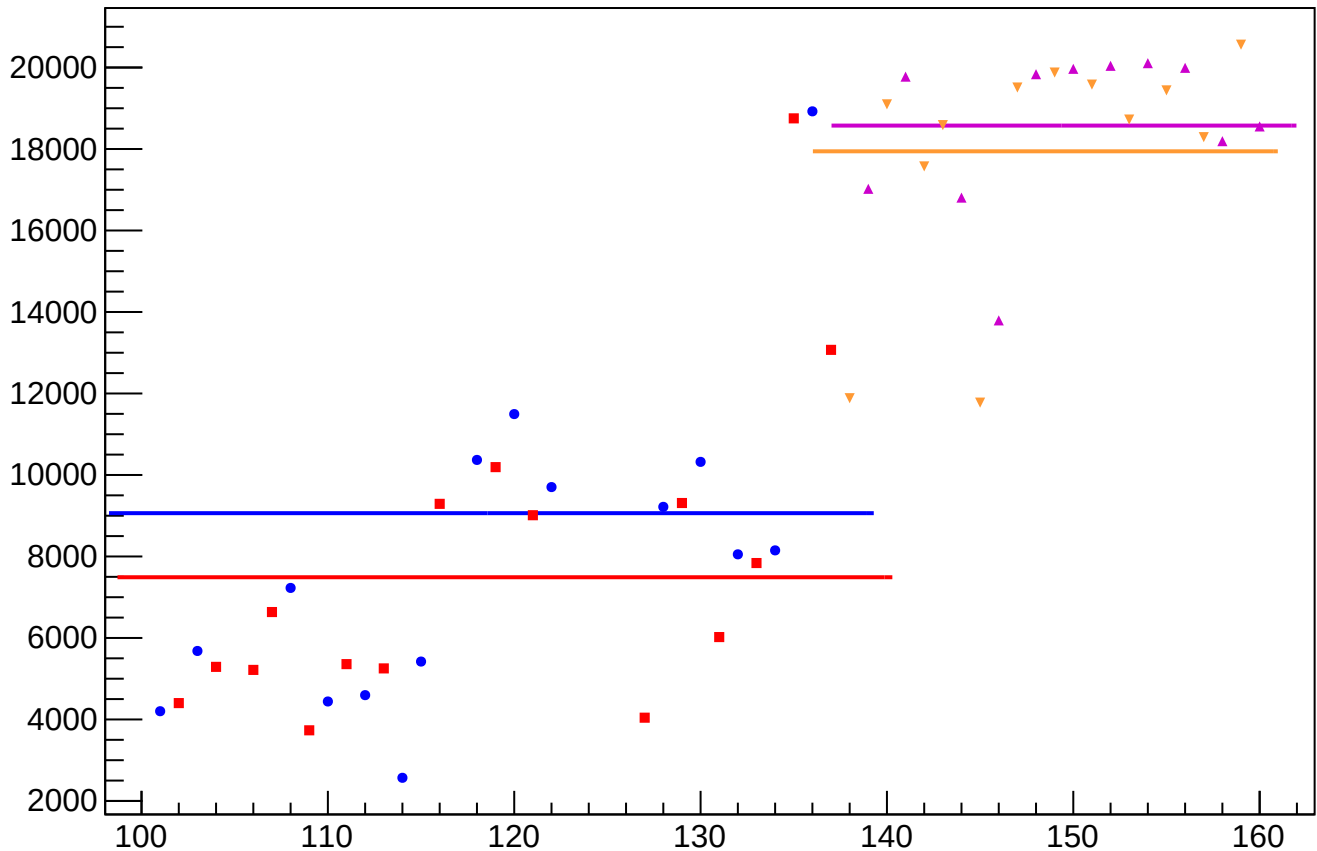
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

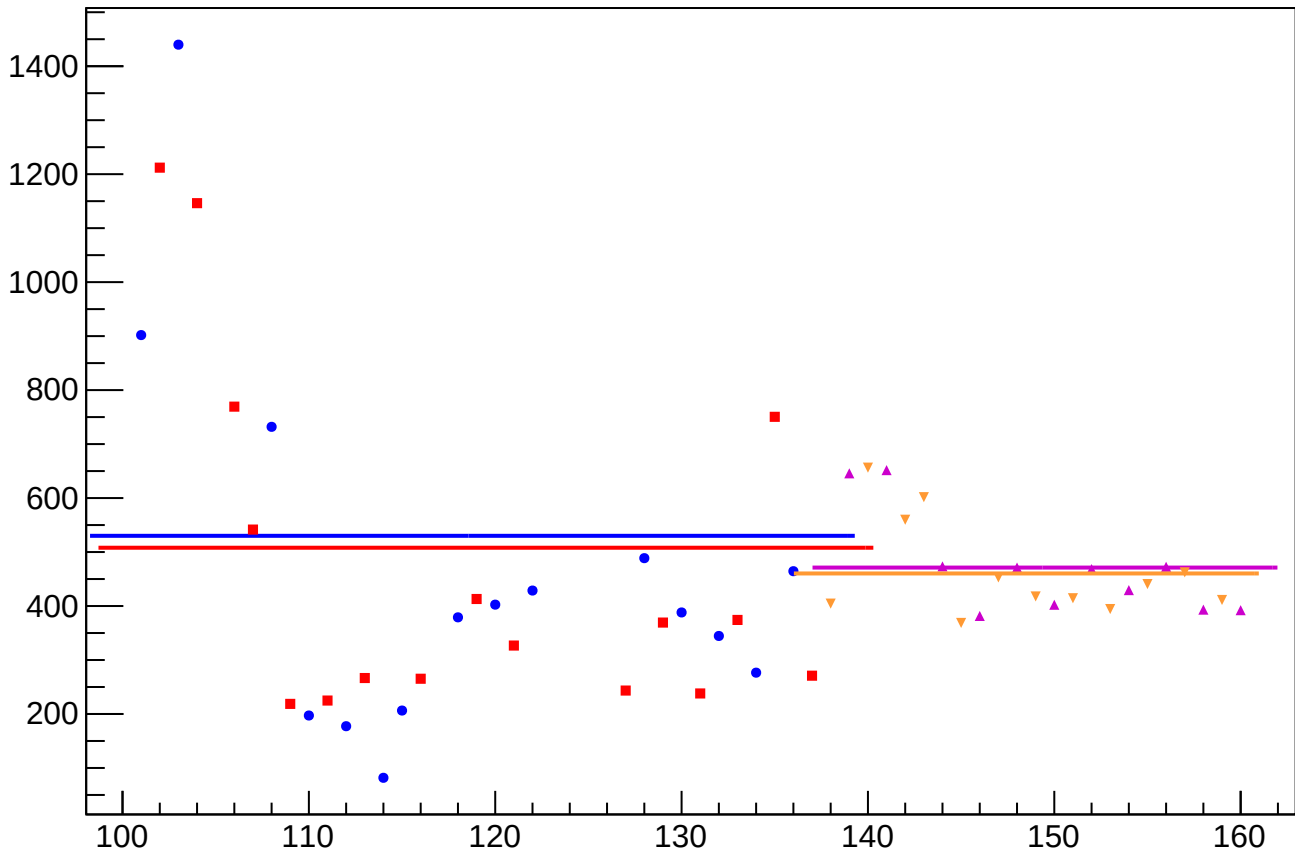
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



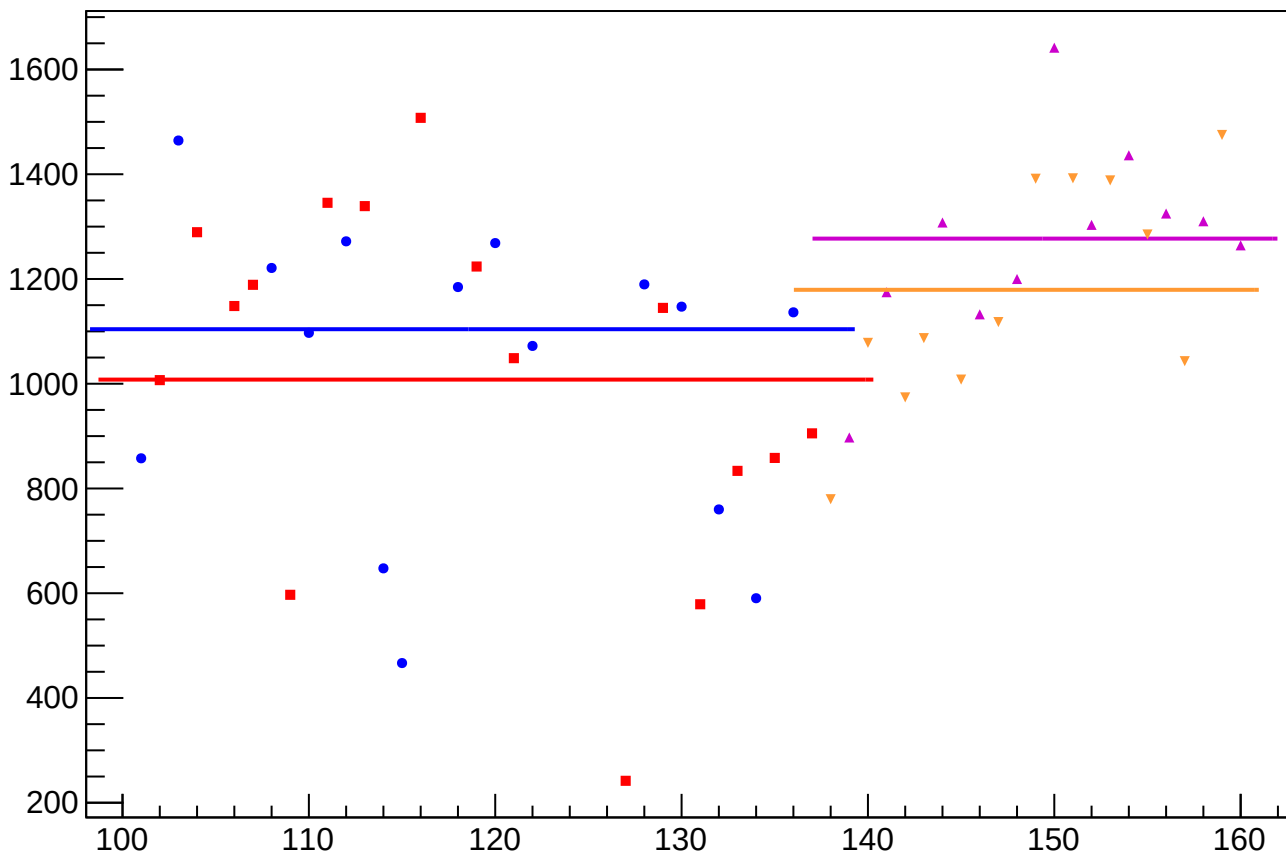
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 460.312 $\pm$ 0.000 χ^2 /NDF: 6754606428371283053517529701630869504.0/11

Right Out: 507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: 471.219 $\pm$ 0.000 χ^2 /NDF: 744597321916033625746772011051745280.0/10

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

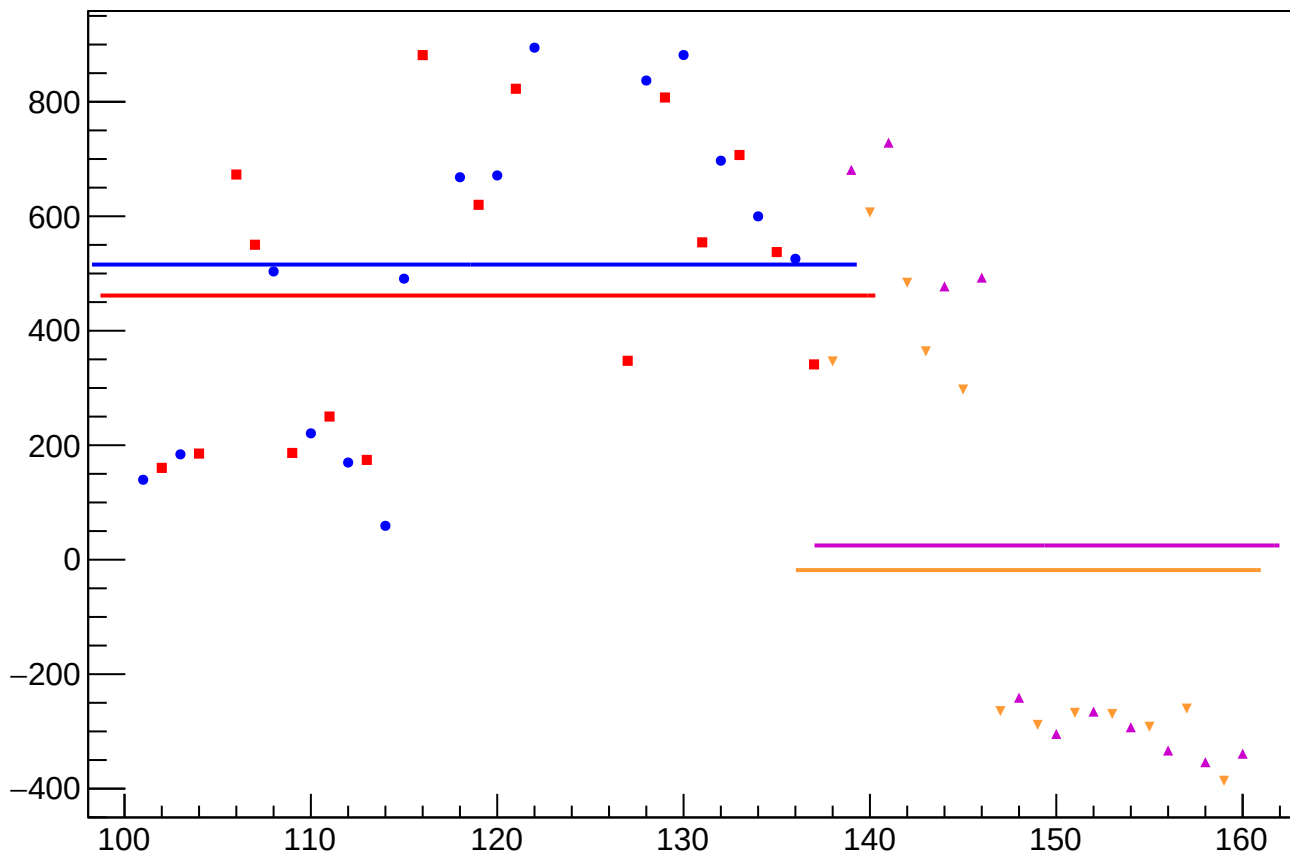
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

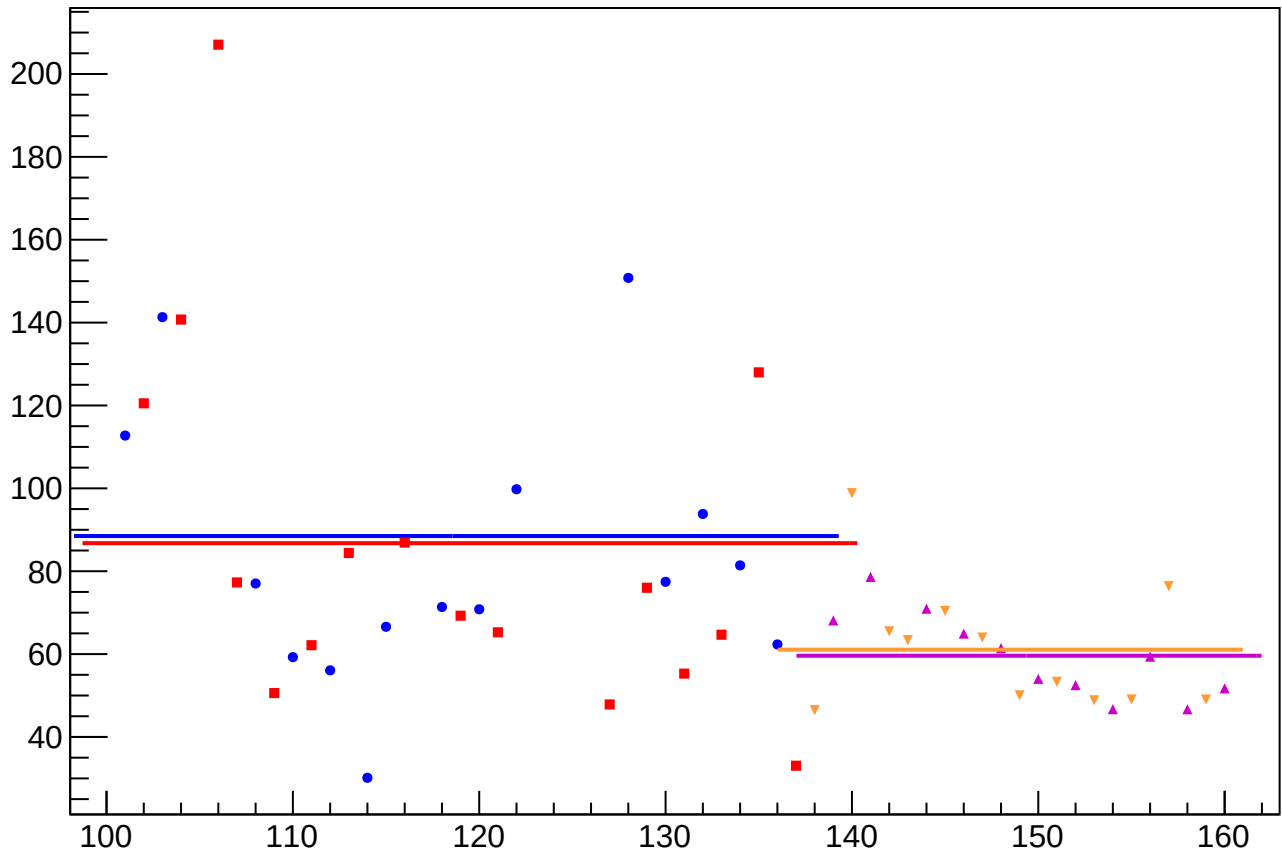
All: 205.734+/-0.000 χ^2/NDF : 562112865205

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



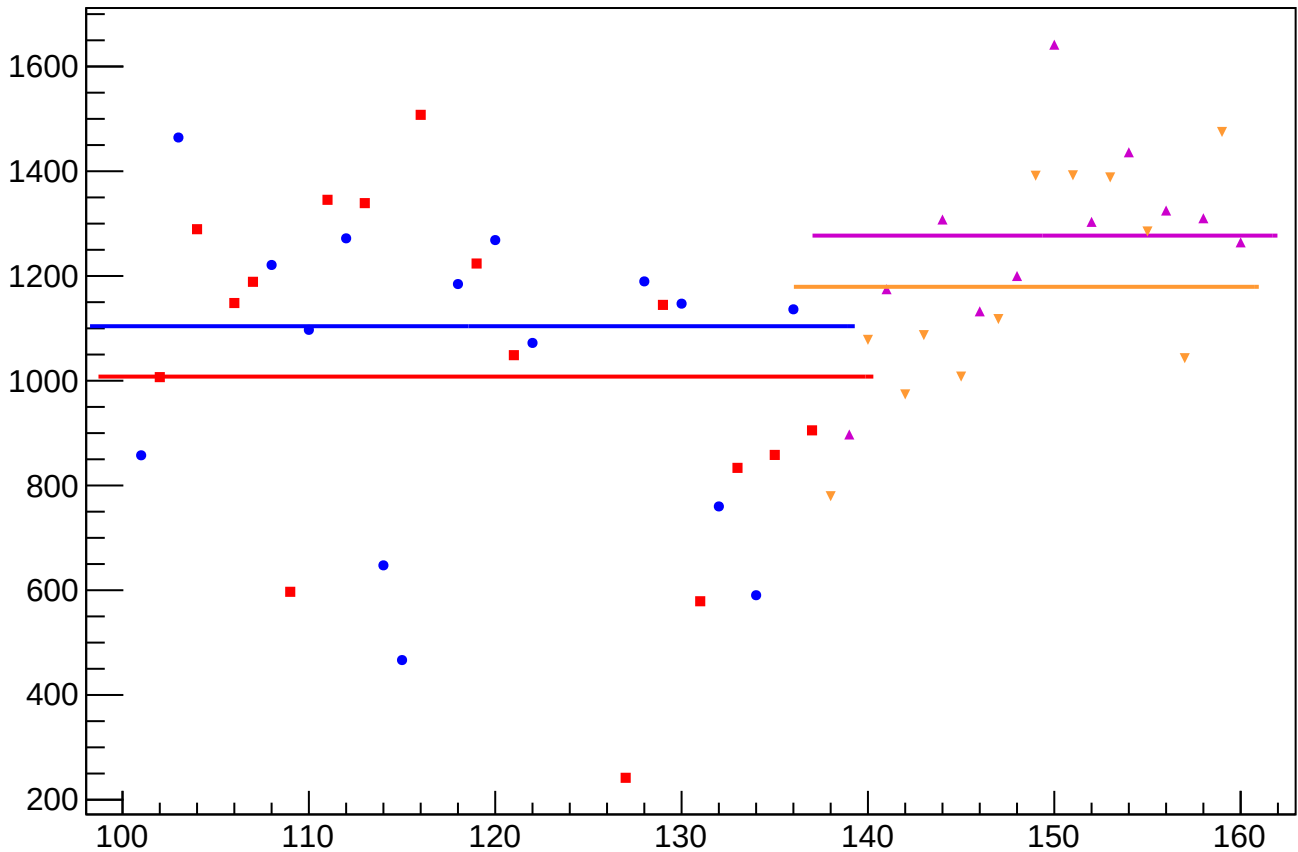
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

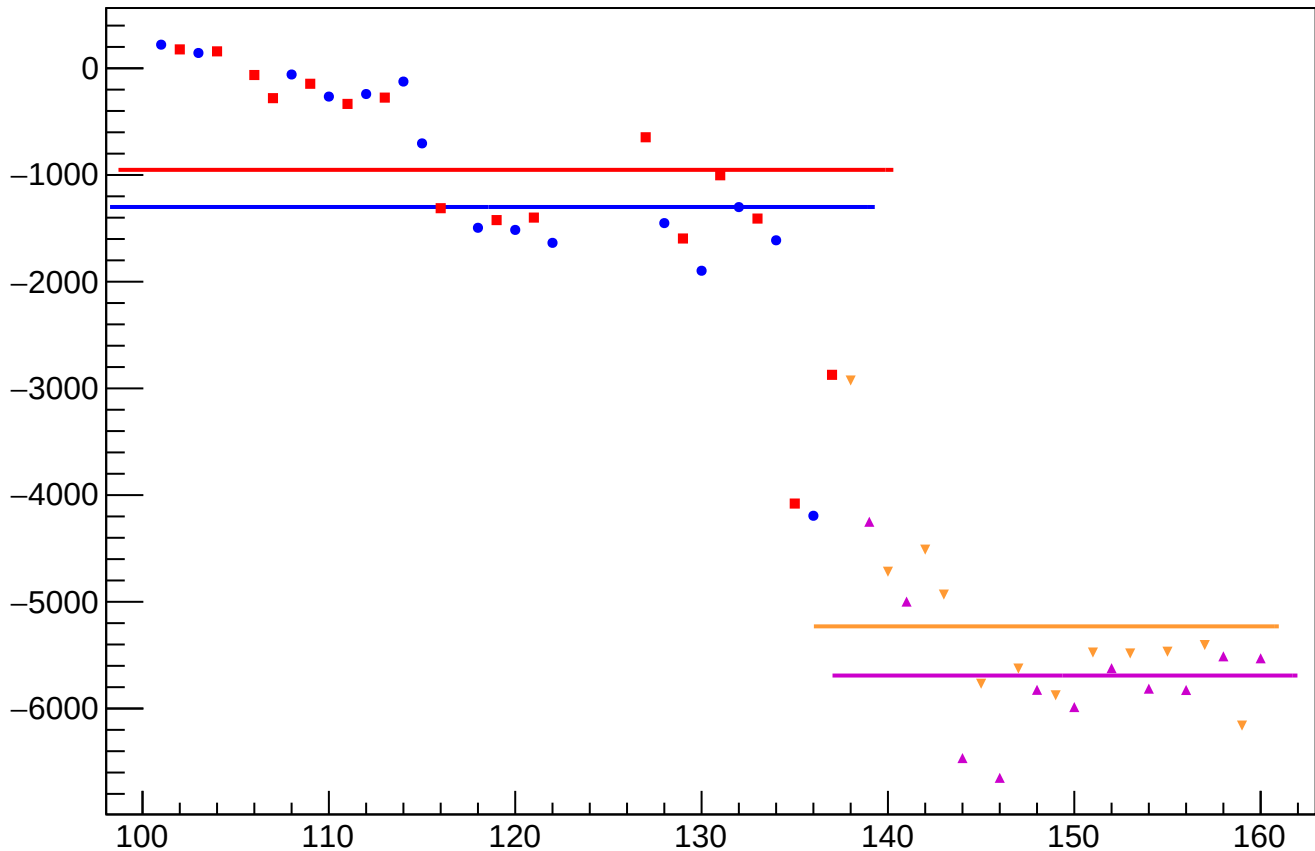
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

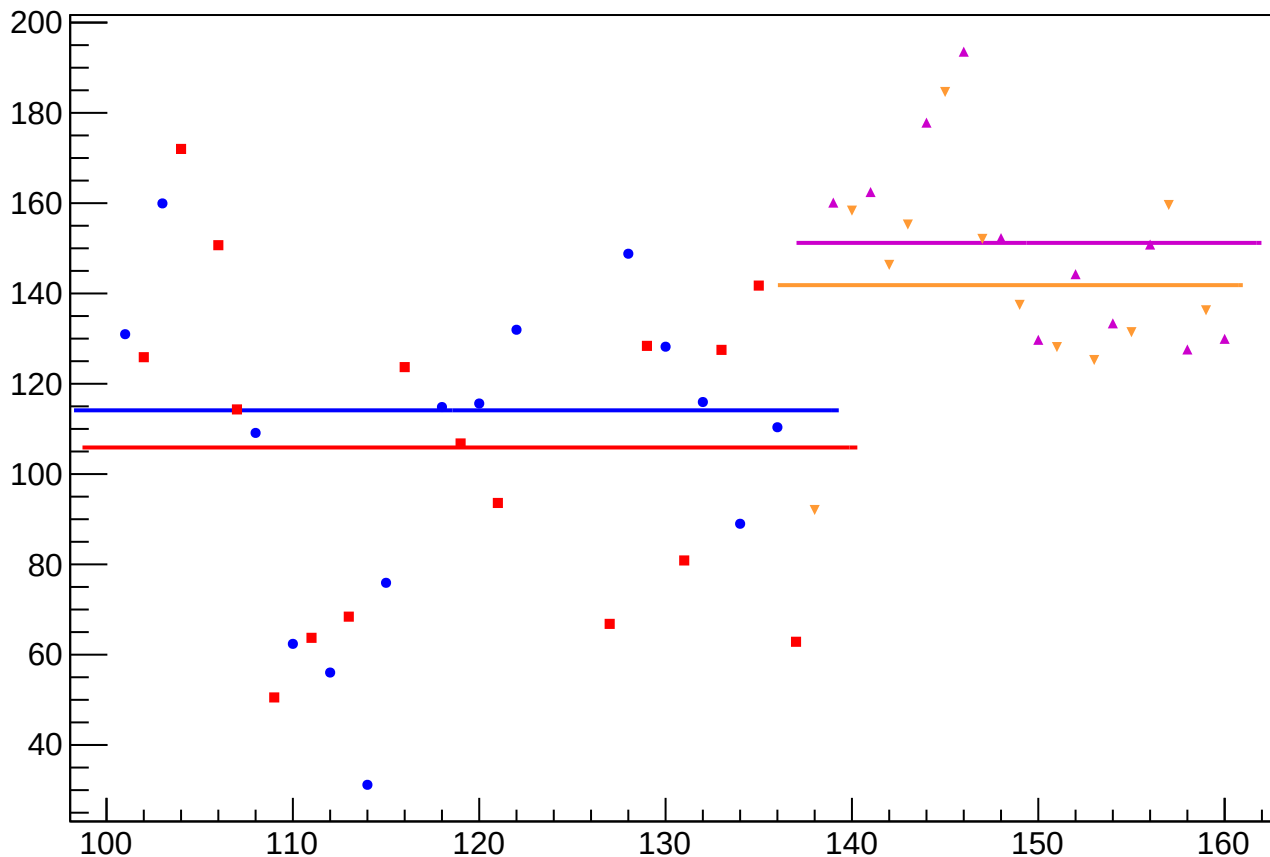
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5230.164+/-0.000	χ^2/NDF : 621337546754048275745011650527081005056.0/11
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5690.941+/-0.000	χ^2/NDF : 355774620722948866968040460749891436544.0/10

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 - sign -3704.179+/-0.000 χ^2/NDF : 98968619860202

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844 $\pm$ 0.000 χ^2 /NDF: 455273254245846333149237795723673600.0/11

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

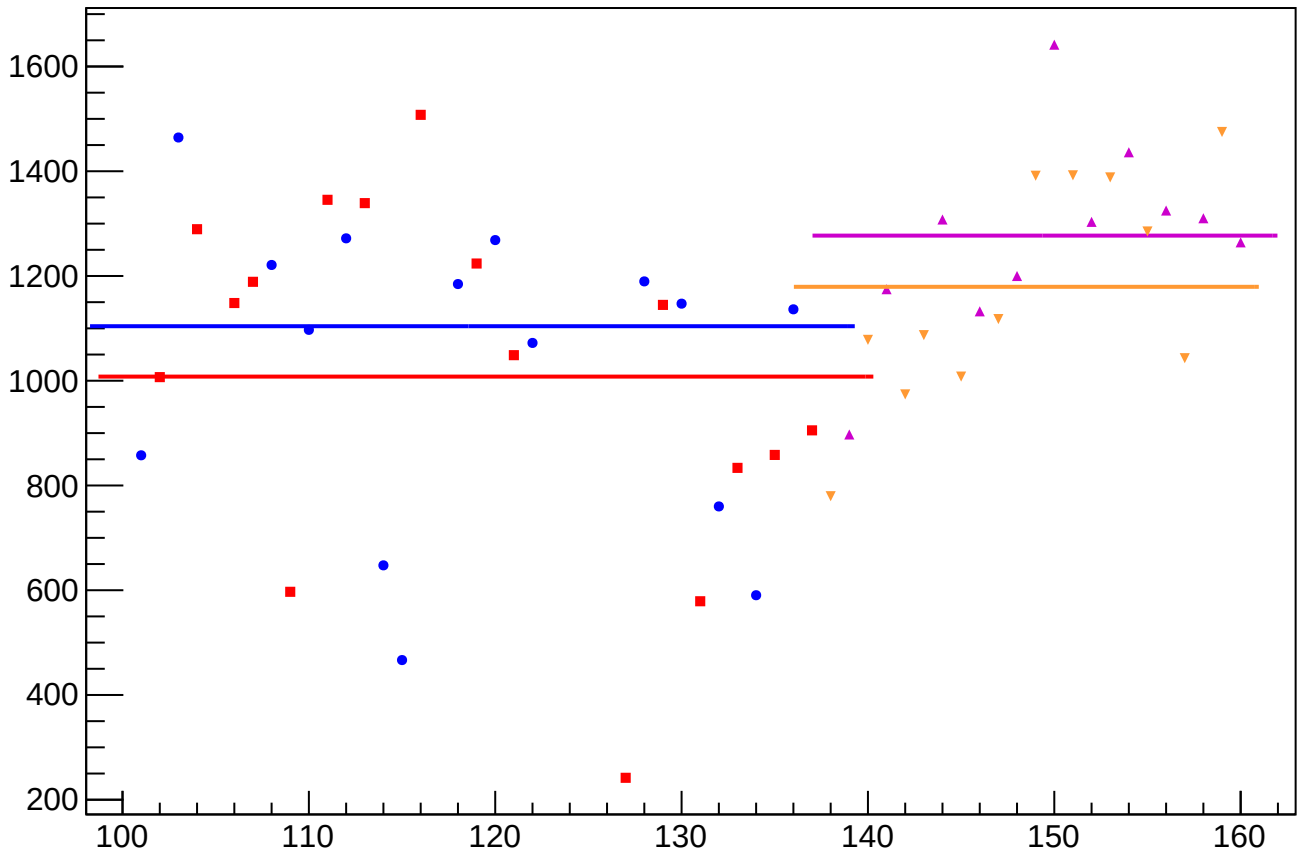
Left In: 151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10

+ sign 130.331 $\pm$ 0.000 χ^2 /NDF: 135424557525506

All: 131.277 $\pm$ 0.000 χ^2 /NDF: 338649926322

- sign 132.206 $\pm$ 0.000 χ^2 /NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

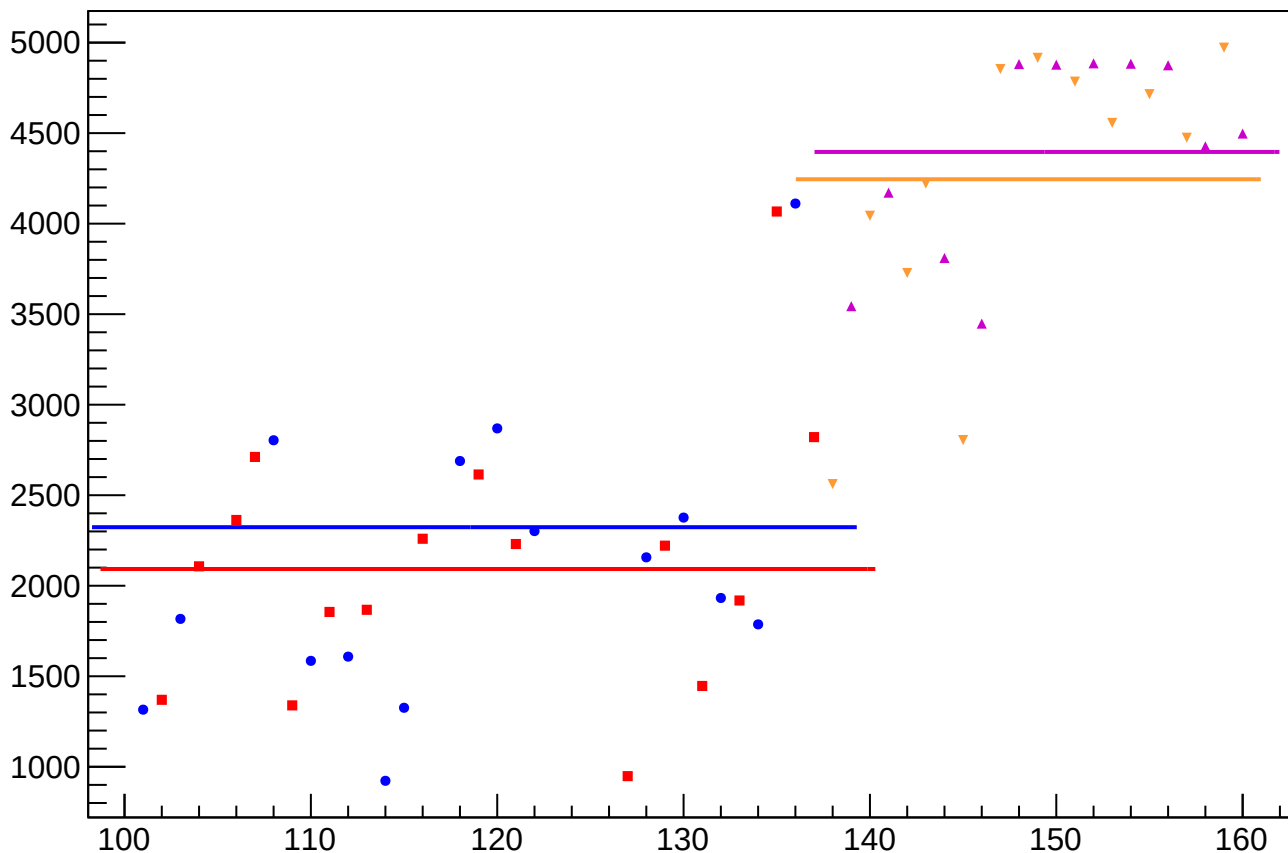
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

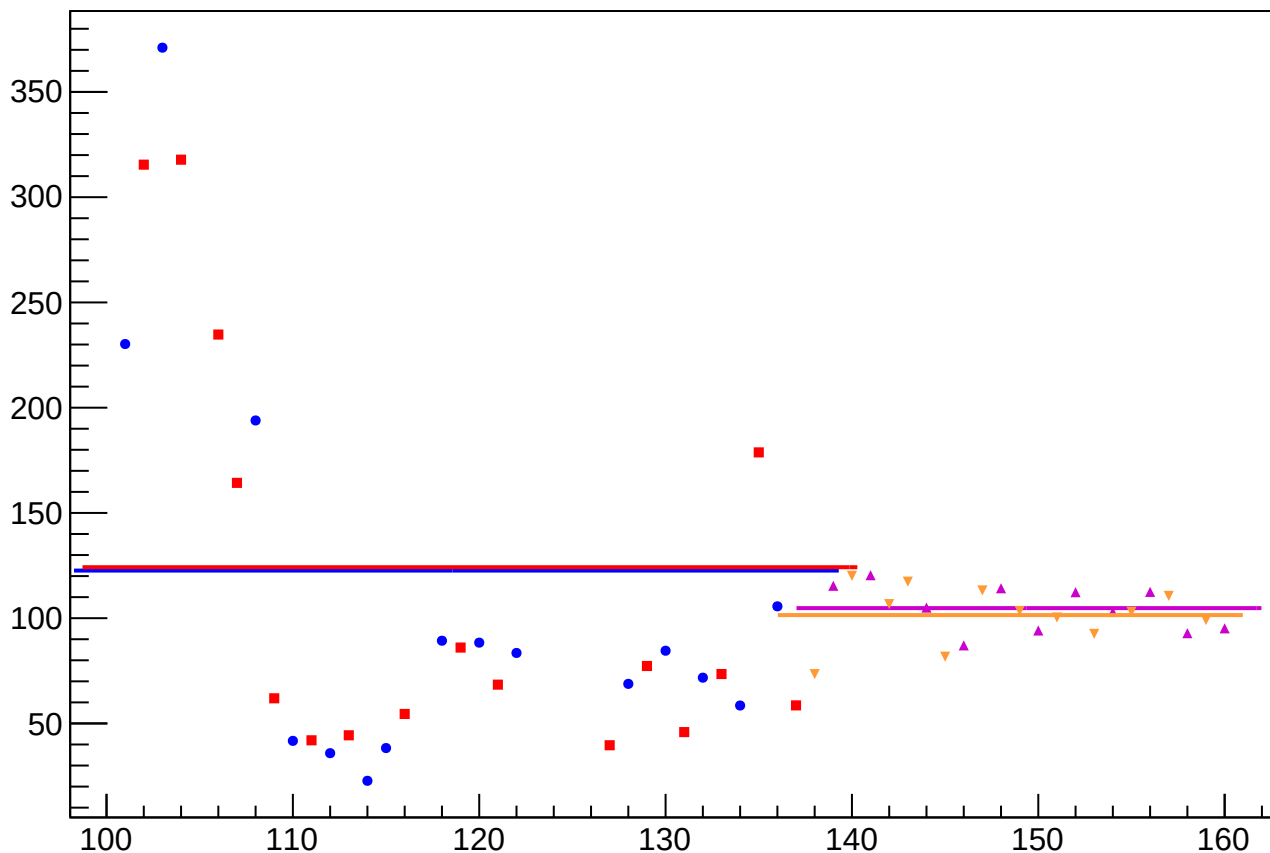
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



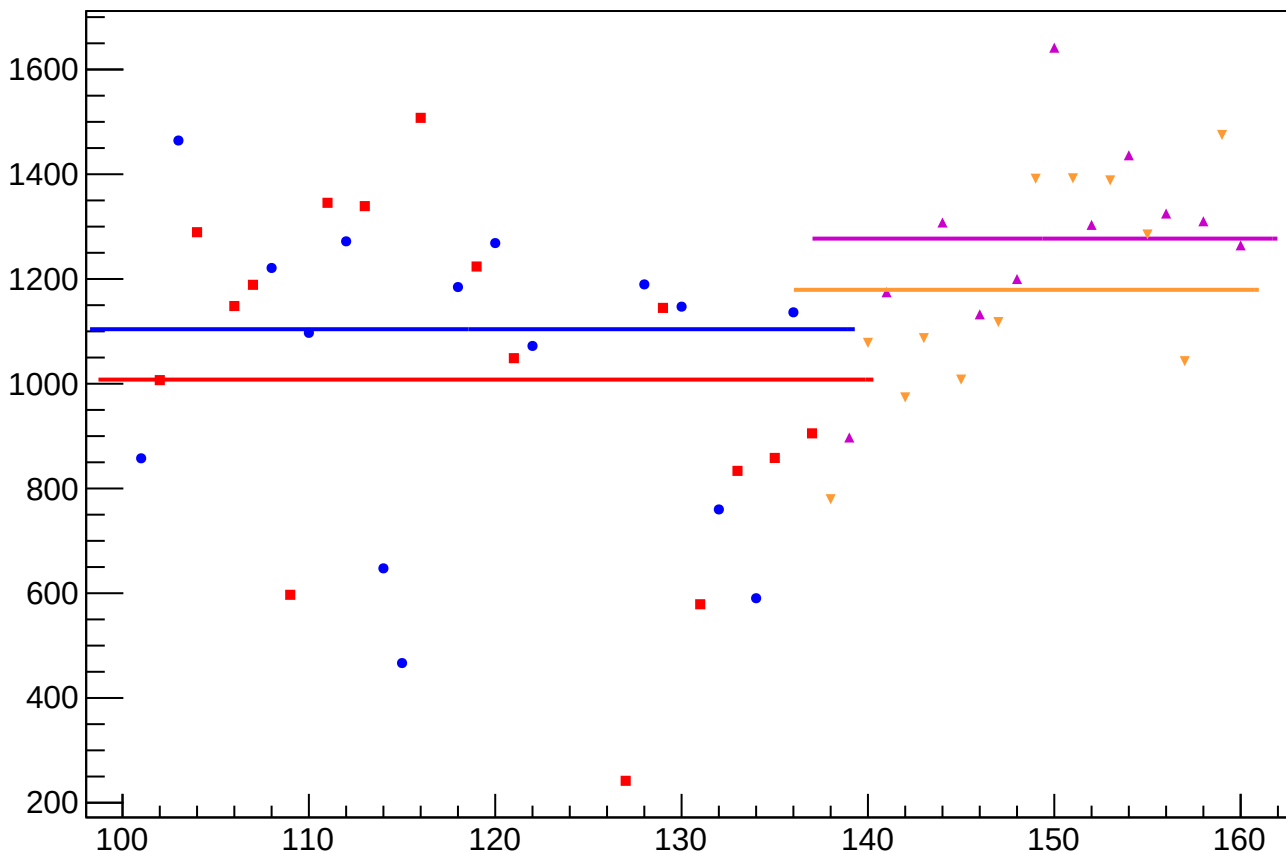
Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 101.470 $\pm$ 0.000 χ^2 /NDF: 163606586609215515174601139620413440.0/11
 Right Out: 124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15
 Left In: 104.786 $\pm$ 0.000 χ^2 /NDF: 102013785381333837493435451846950912.0/10

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 +/- 0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

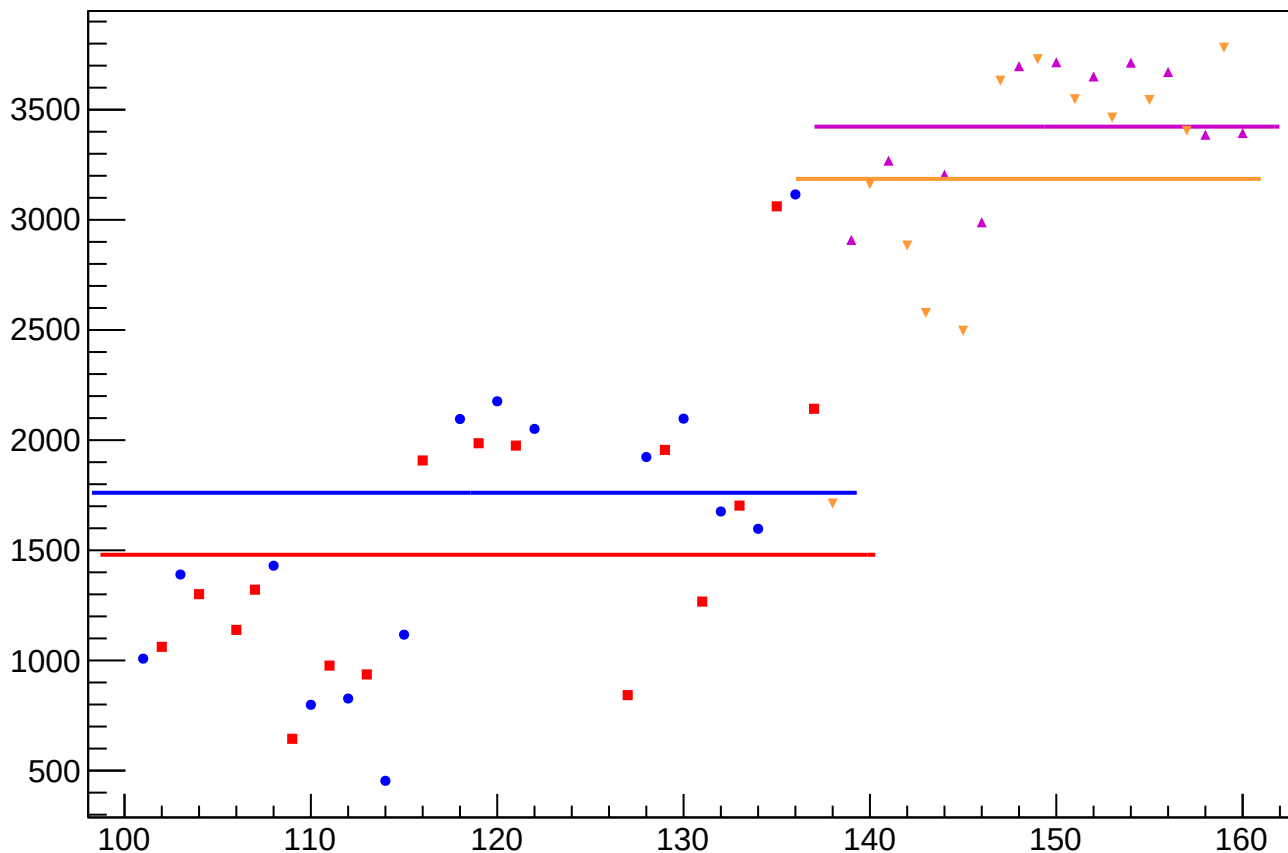
Left In: 1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100 +/- 0.000 χ^2/NDF : 73628368958625

All: 1156.244 +/- 0.000 χ^2/NDF : 20056102034

- sign 1164.243 +/- 0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

+ sign 2594.359+/-0.000 χ^2/NDF : 14374646884324

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

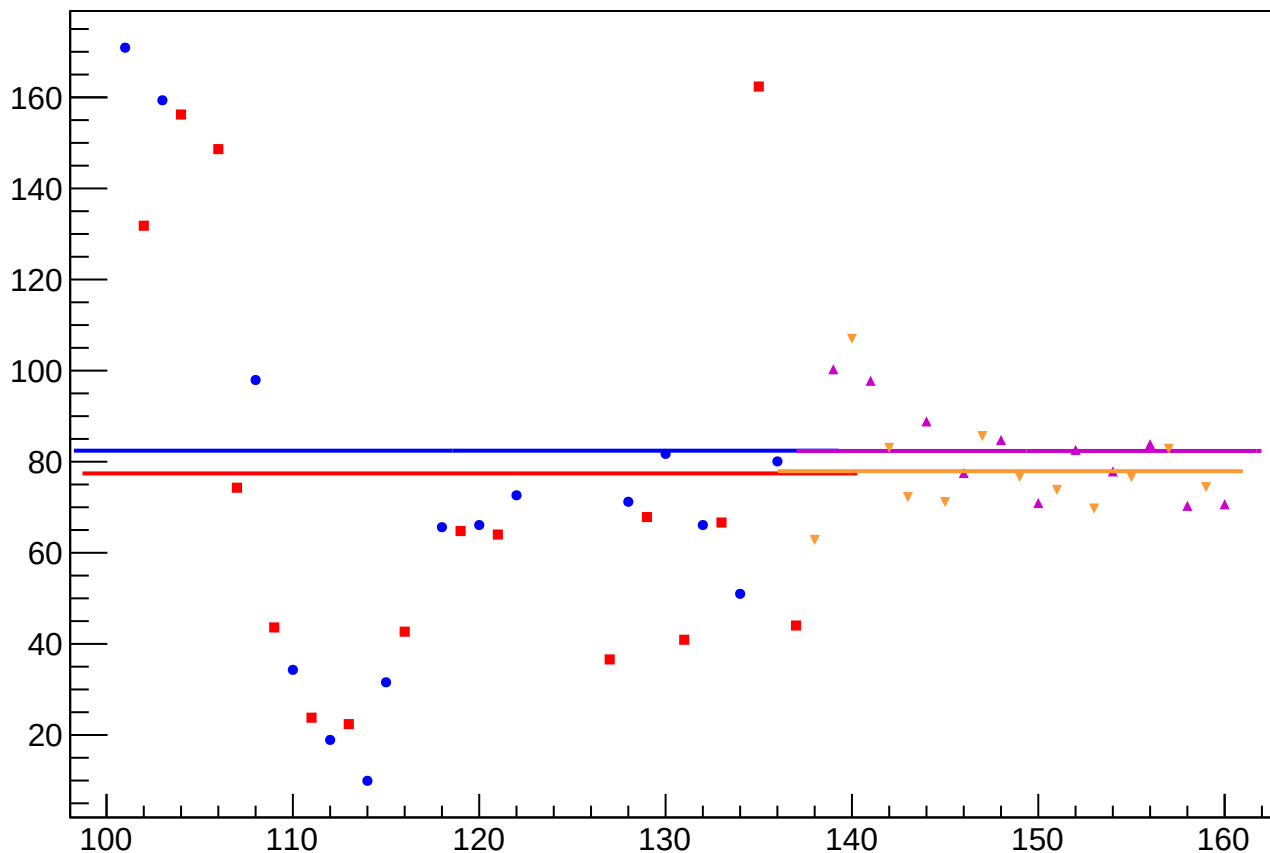
All: 2601.420+/-0.000 χ^2/NDF : 32383742993

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

- sign 2608.357+/-0.000 χ^2/NDF : 18007551336700

Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 77.927+/-0.000 χ^2/NDF : 108816585289567770159719515210907648.0/11

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

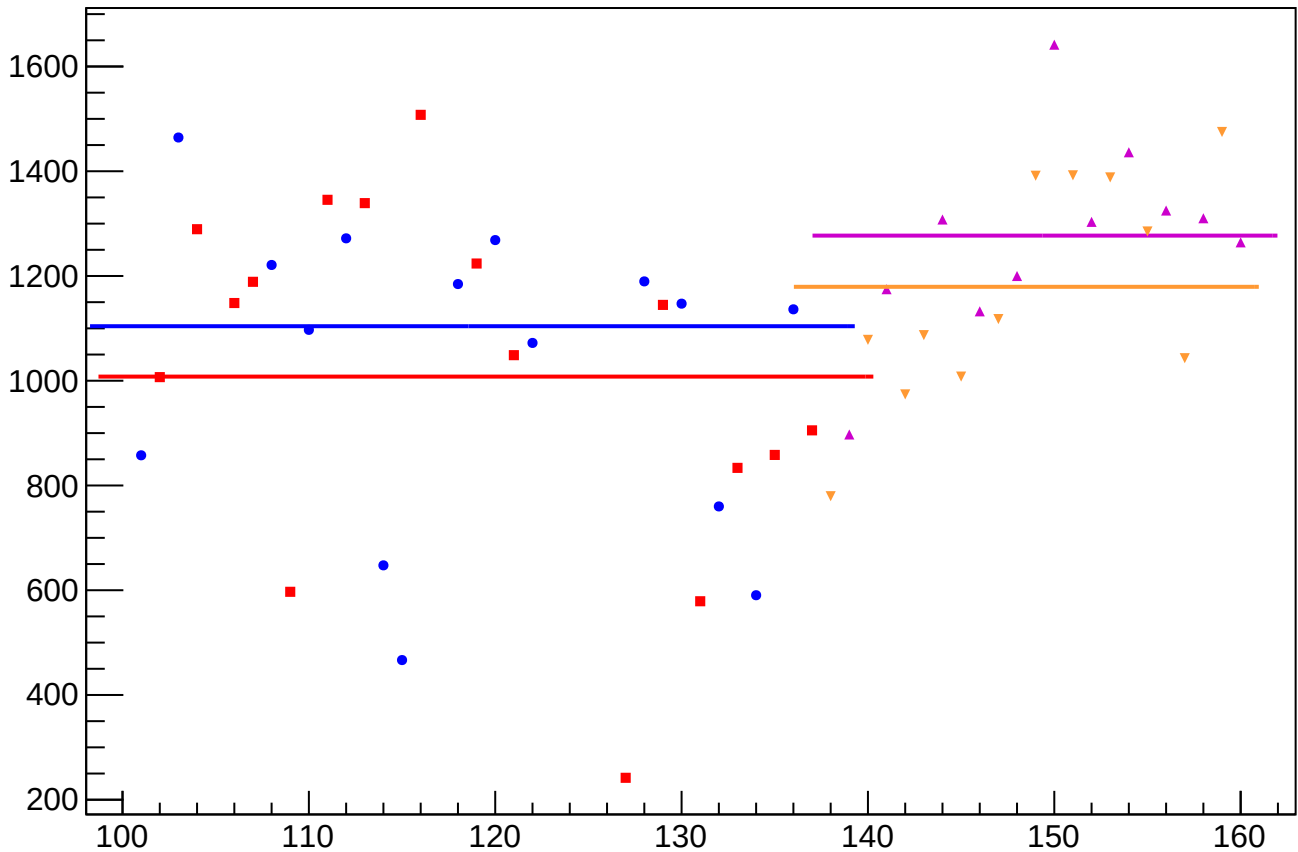
Left In: 82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10

+ sign 79.794+/-0.000 χ^2/NDF : 1380118069986945

All: 80.046+/-0.000 χ^2/NDF : 2993351942483

- sign 80.294+/-0.000 χ^2/NDF : 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

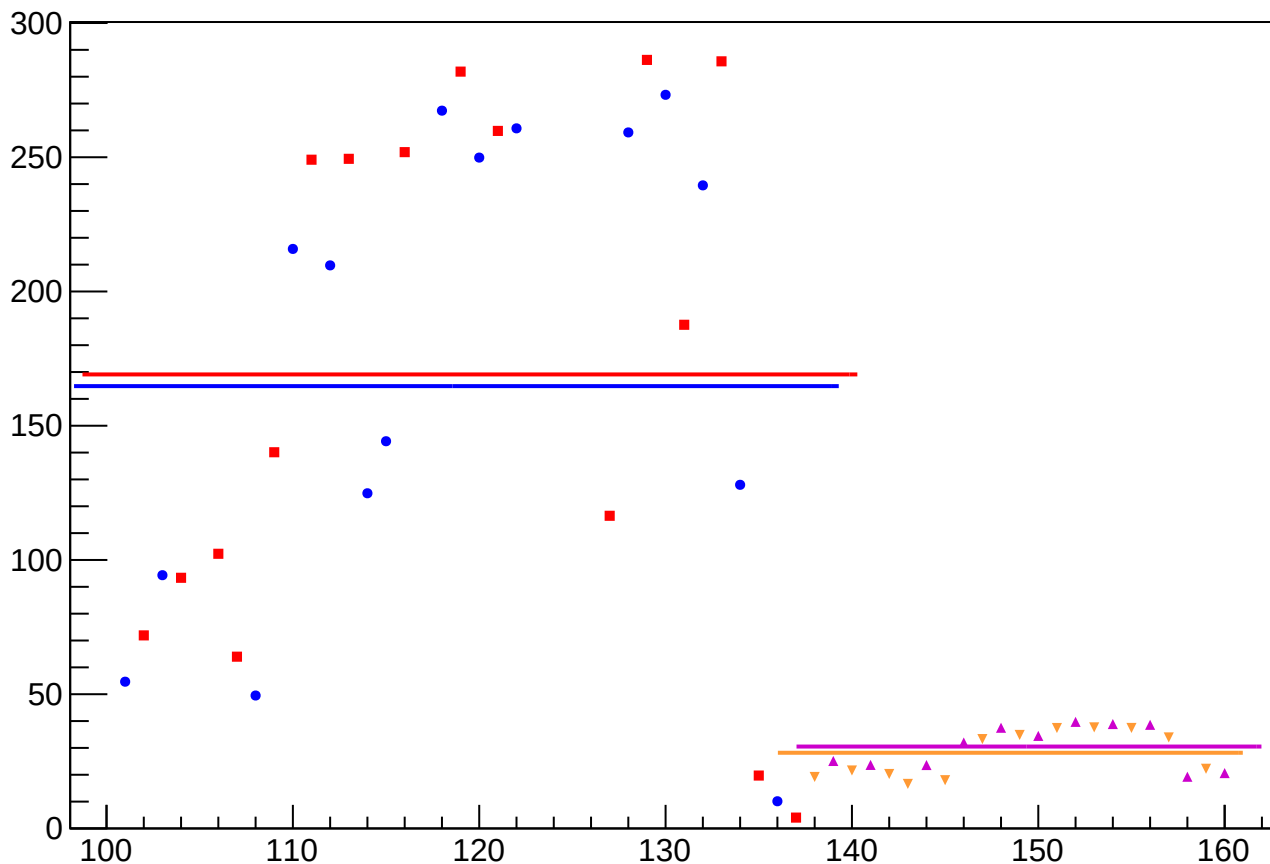
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



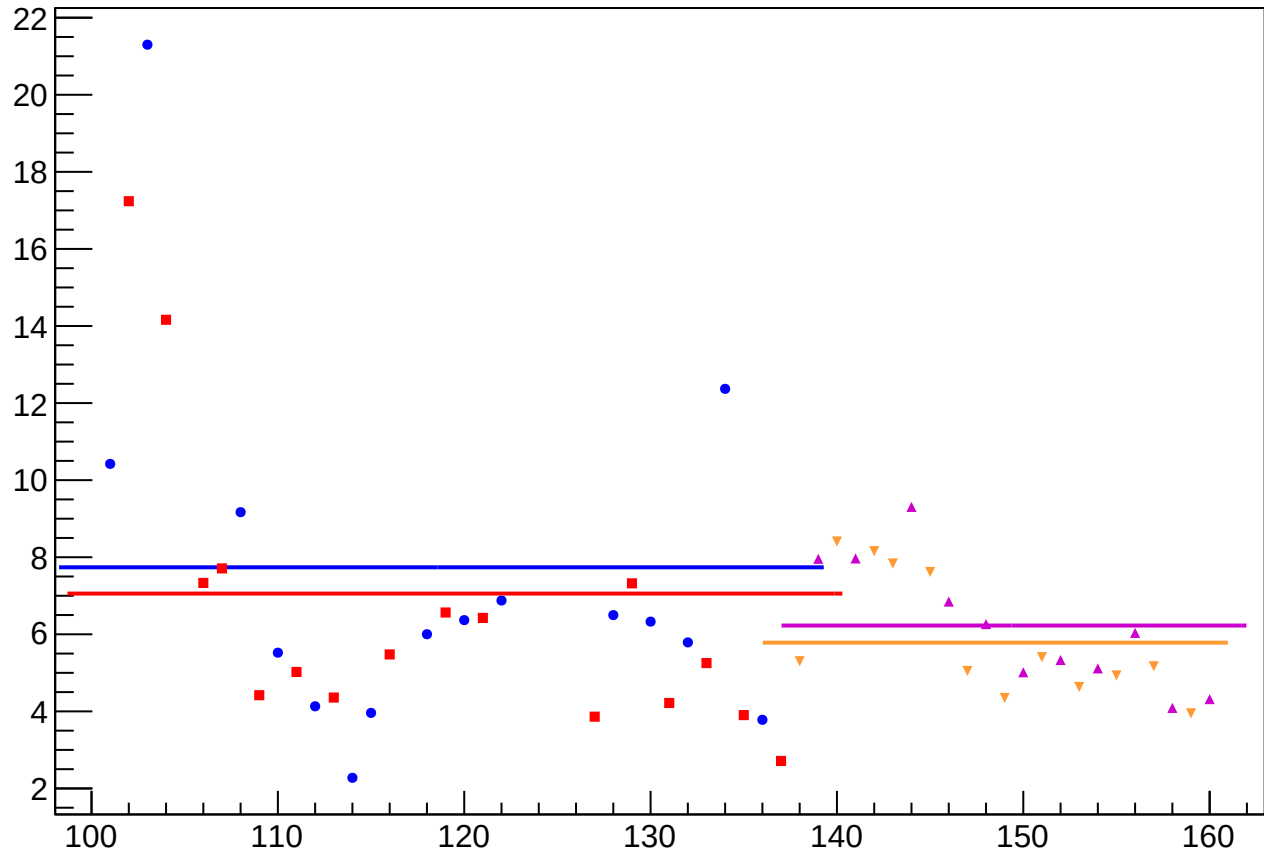
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192+/-0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507+/-0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783 ± 0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

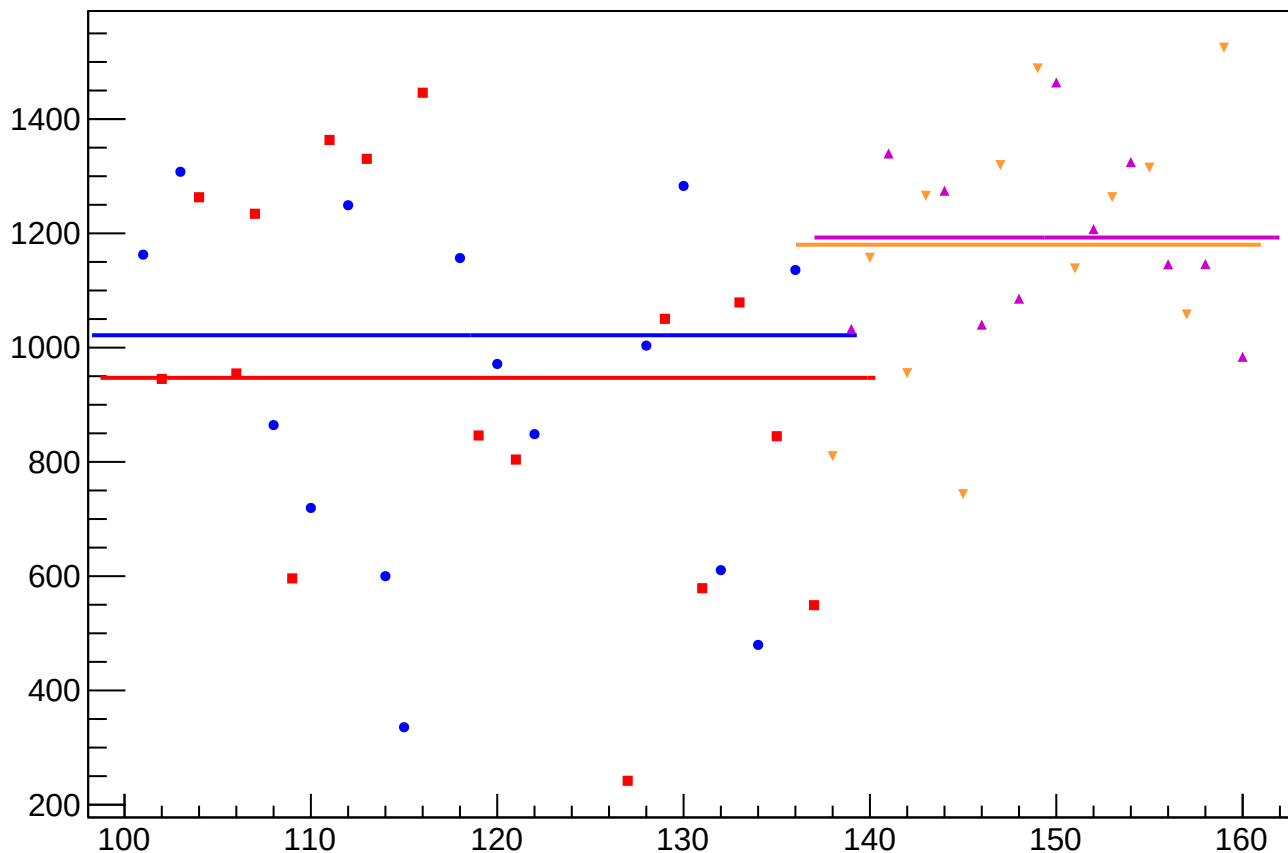
Left In: 6.228 ± 0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

+ sign 6.595 ± 0.000 χ^2/NDF : 18660029983466047

All: 6.585 ± 0.000 χ^2/NDF : 32551119469805

- sign 6.575 ± 0.000 χ^2/NDF : 13890781213861884

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

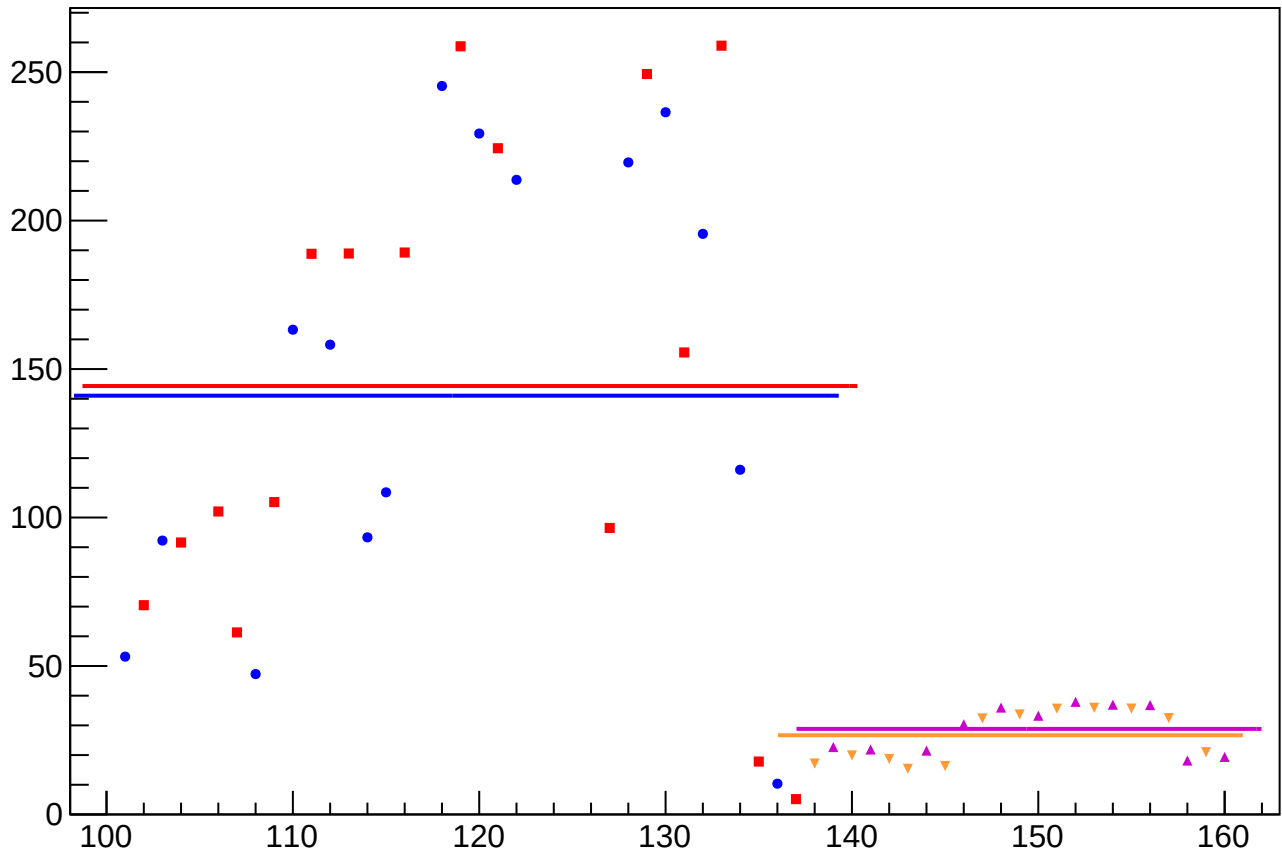
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

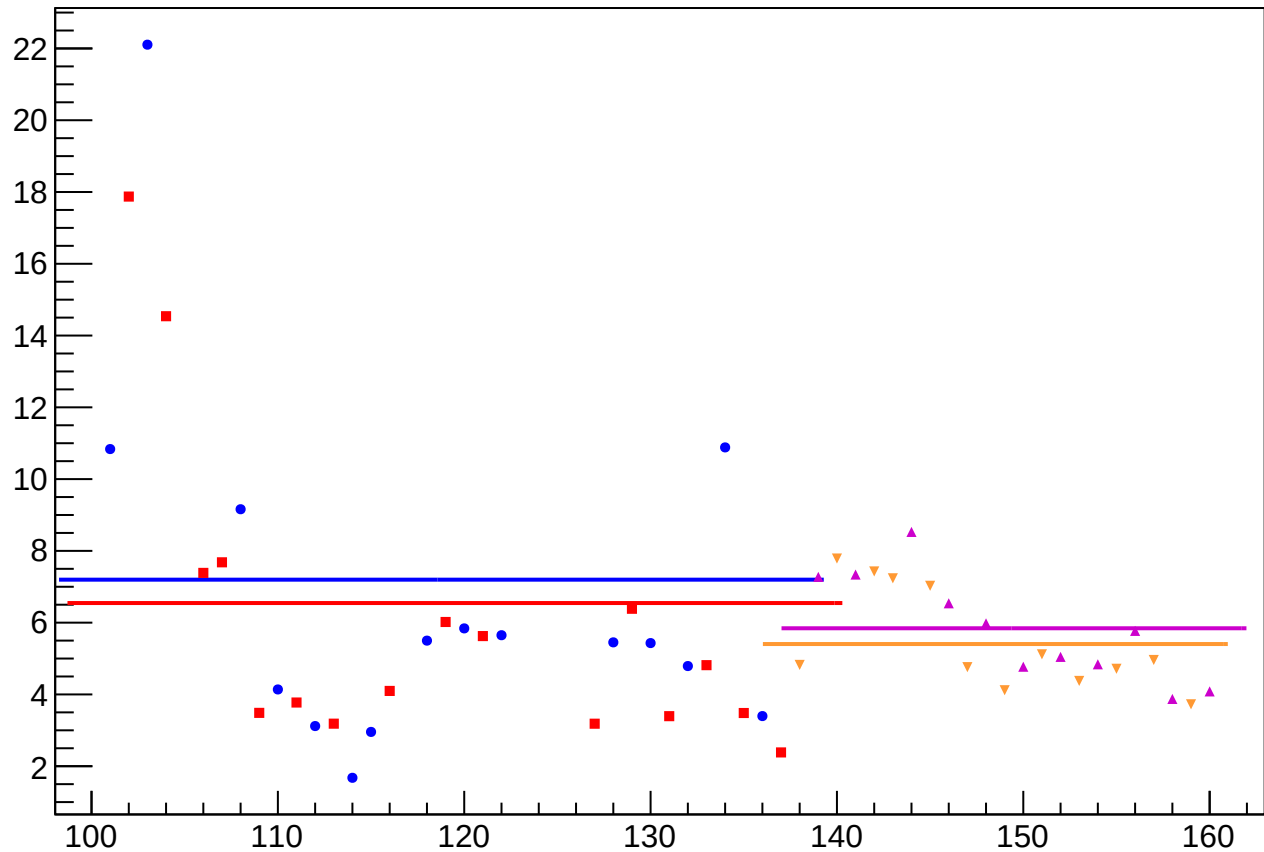
Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

- sign 77.224+/-0.000 χ^2/NDF : 9485278065945565

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198 $\pm$ 0.000 χ^2 /NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.404 $\pm$ 0.000 χ^2 /NDF: 1657476673222734549536062415306752.0/11

Right Out: 6.547 $\pm$ 0.000 χ^2 /NDF: 14078912505116068936230809834094592.0/15

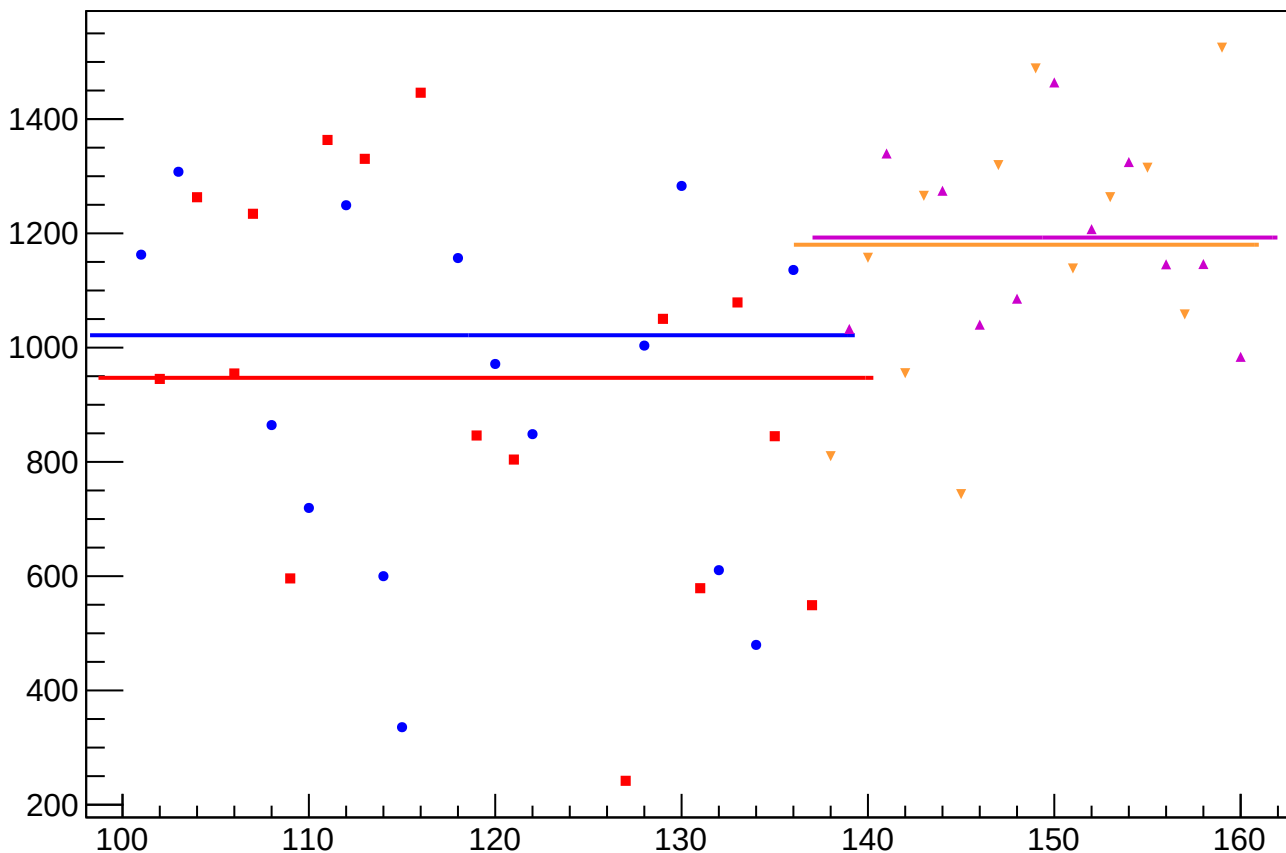
Left In: 5.843 $\pm$ 0.000 χ^2 /NDF: 1832786837102707862400537806766080.0/10

+ sign 6.149 $\pm$ 0.000 χ^2 /NDF: 21091057275828177

All: 6.144 $\pm$ 0.000 χ^2 /NDF: 37194446252026

- sign 6.138 $\pm$ 0.000 χ^2 /NDF: 16103297183746368

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

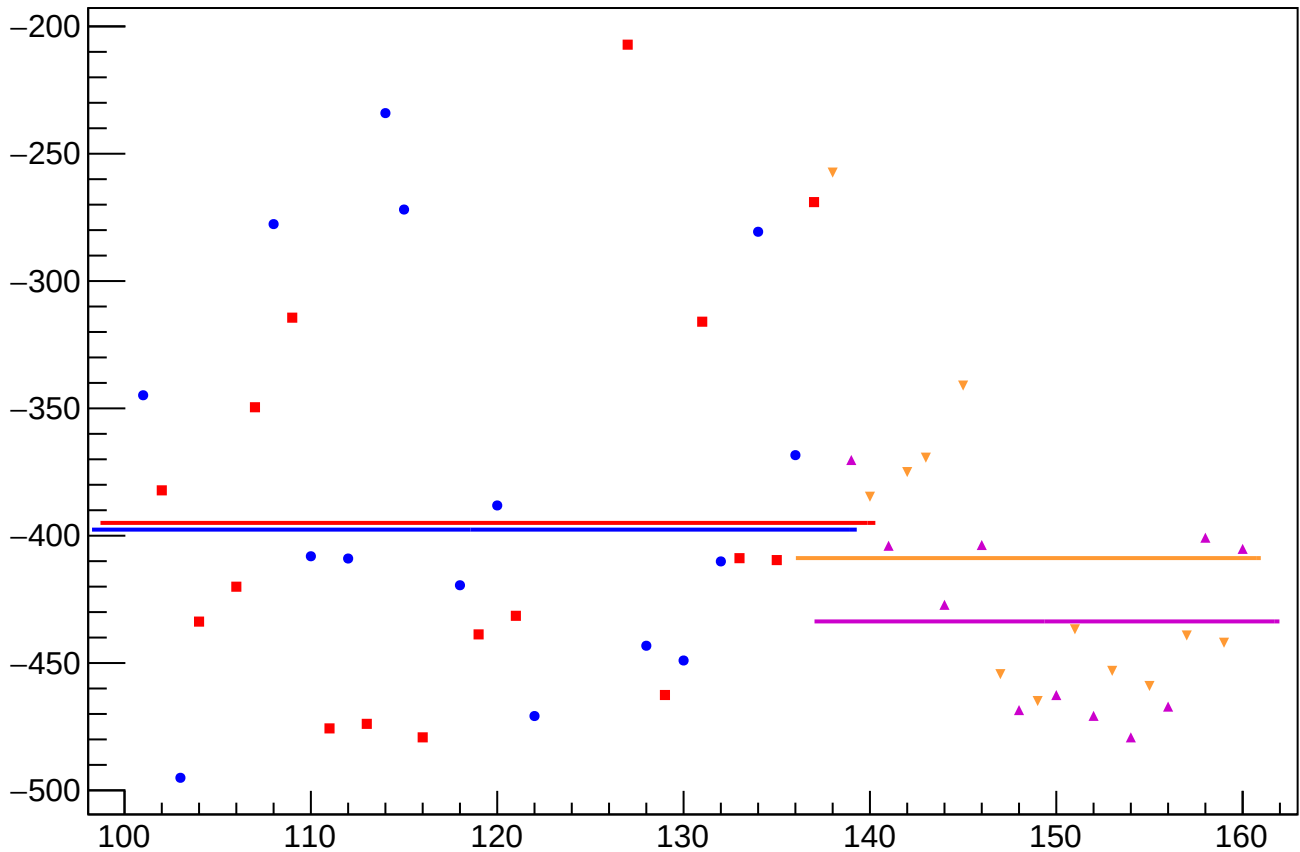
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

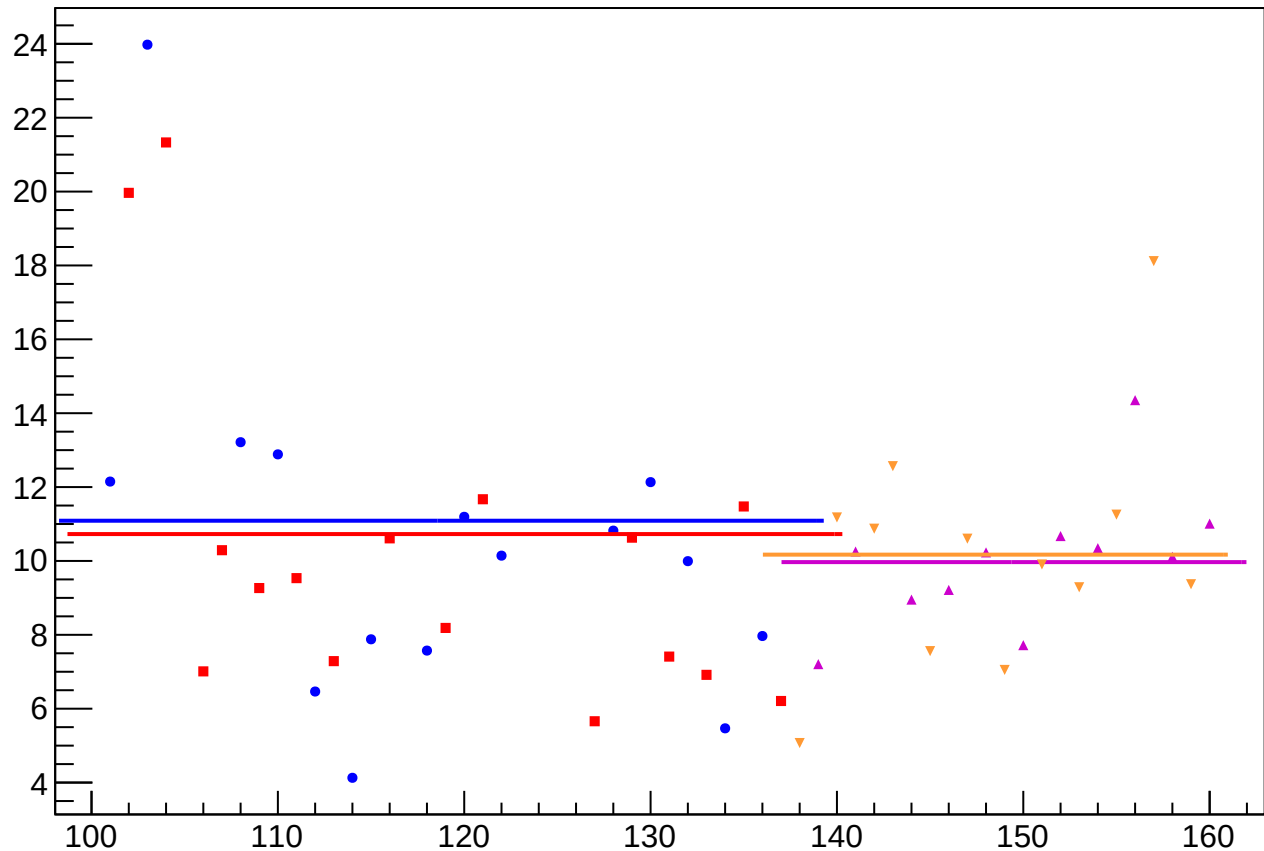
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14
 Left Out: -408.794 ± 0.000 χ^2/NDF : 3366573213961692909439105040404971520.0/11
 Right Out: -394.973 ± 0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15
 Left In: -433.664 ± 0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

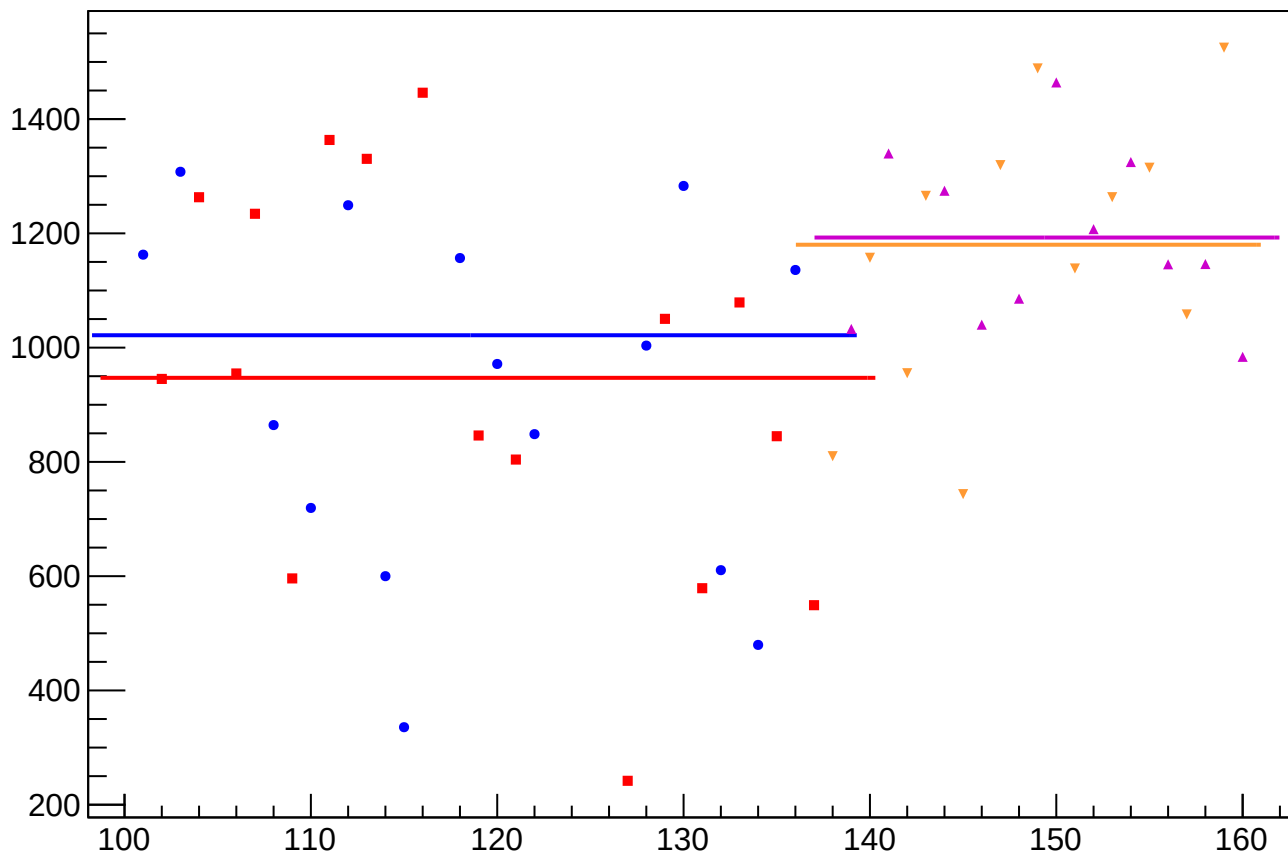
Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

+ sign 10.552 $\pm$ 0.000 χ^2 /NDF: 2364557431902666

- sign 10.287 $\pm$ 0.000 χ^2 /NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

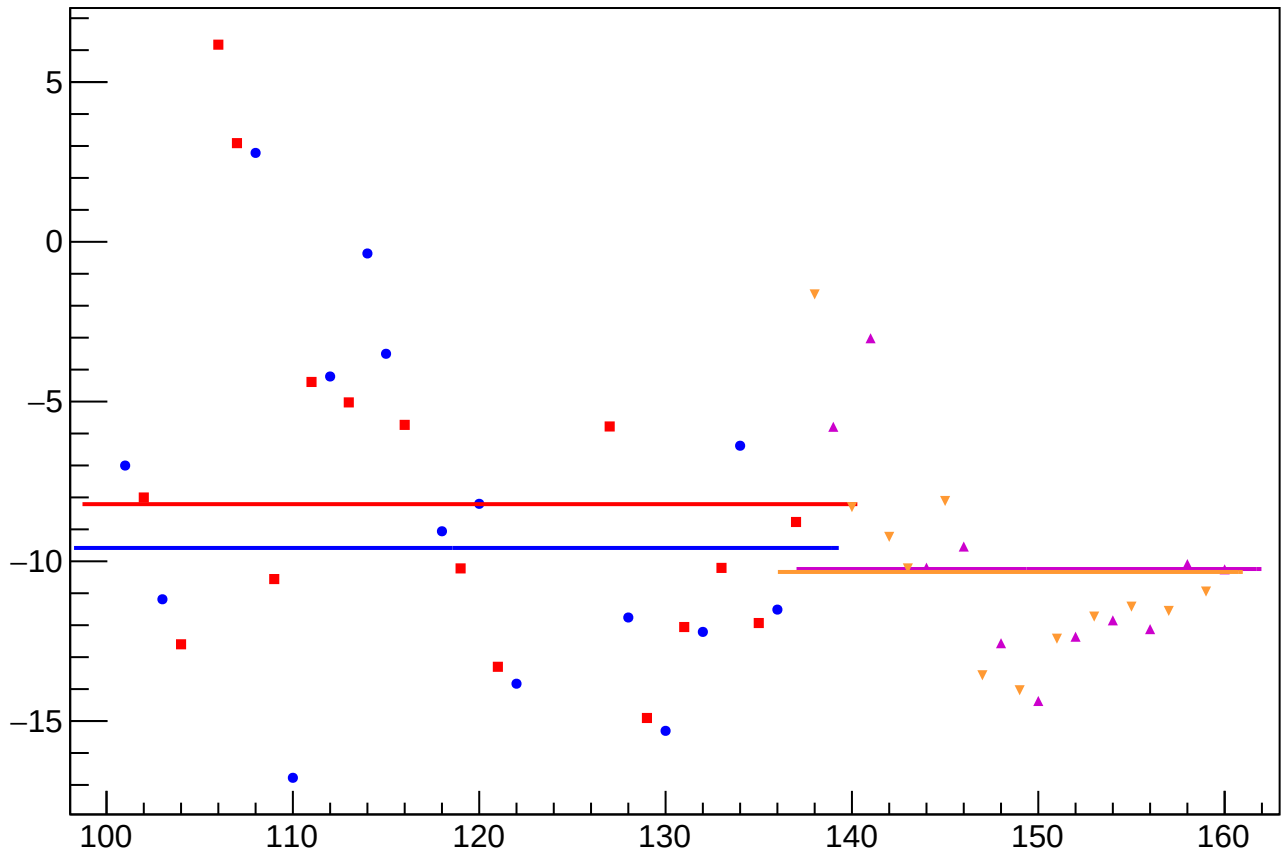
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

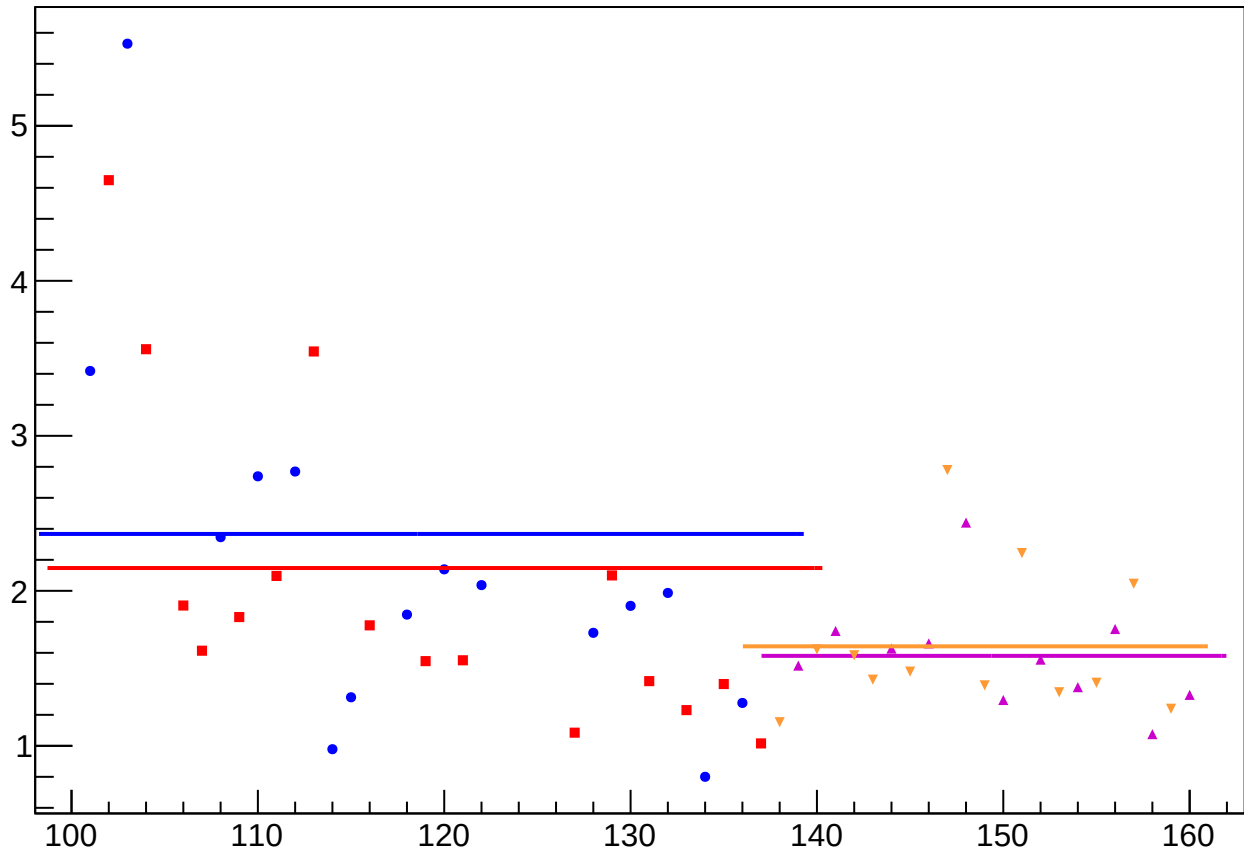
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



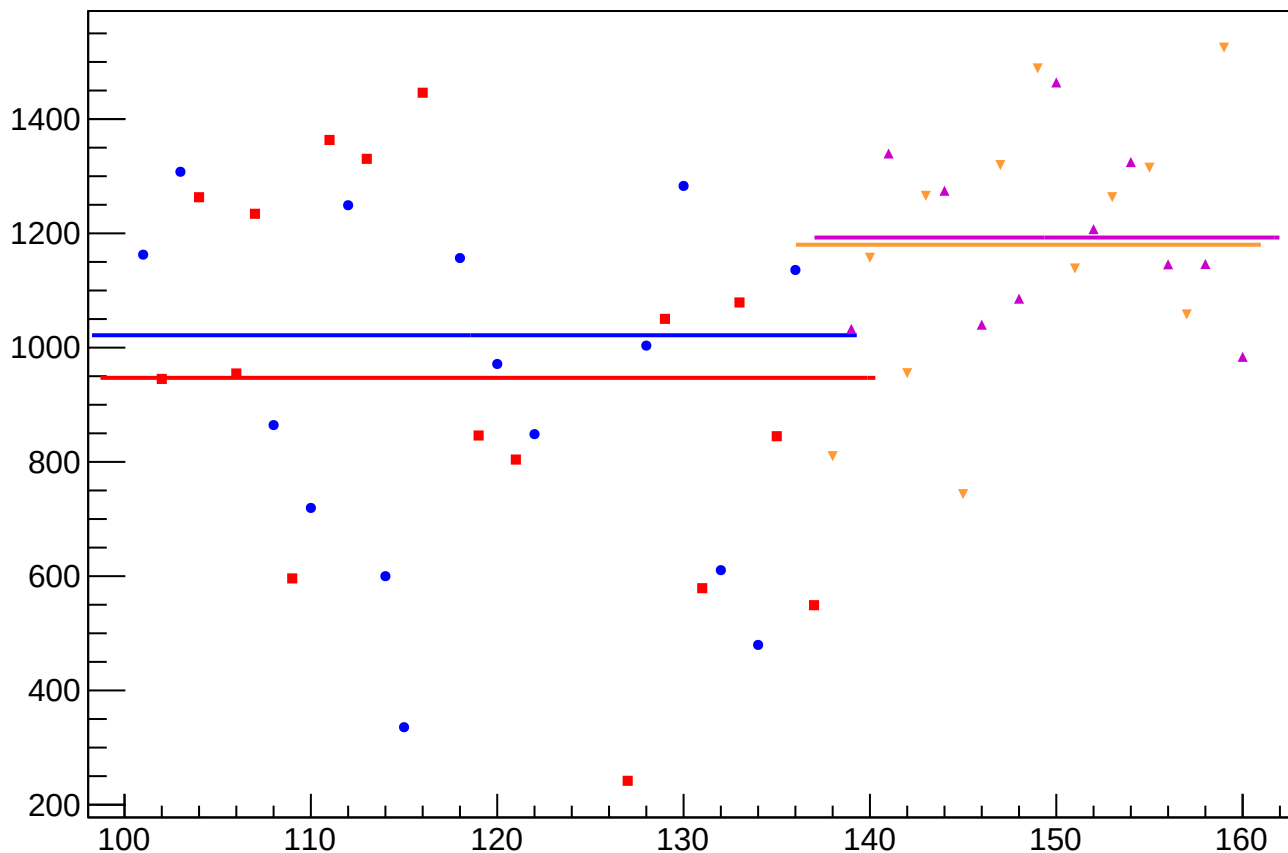
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -10.333 ± 0.000 $\chi^2/\text{NDF}: 9377692425026365375047041474887680.0/11$
 Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: -10.241 ± 0.000 $\chi^2/\text{NDF}: 8992829088408430483485977772818432.0/10$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14	+ sign 1.943+/-0.000	χ^2/NDF : 13159834417677760
Left Out: 1.642+/-0.000	χ^2/NDF : 195842148226043527039909915262976.0/11	All: 1.880+/-0.000	χ^2/NDF : 23210295231068
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15	- sign 1.818+/-0.000	χ^2/NDF : 99272780450860702
Left In: 1.580+/-0.000	χ^2/NDF : 104159820106689813353171792166912.0/10		

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

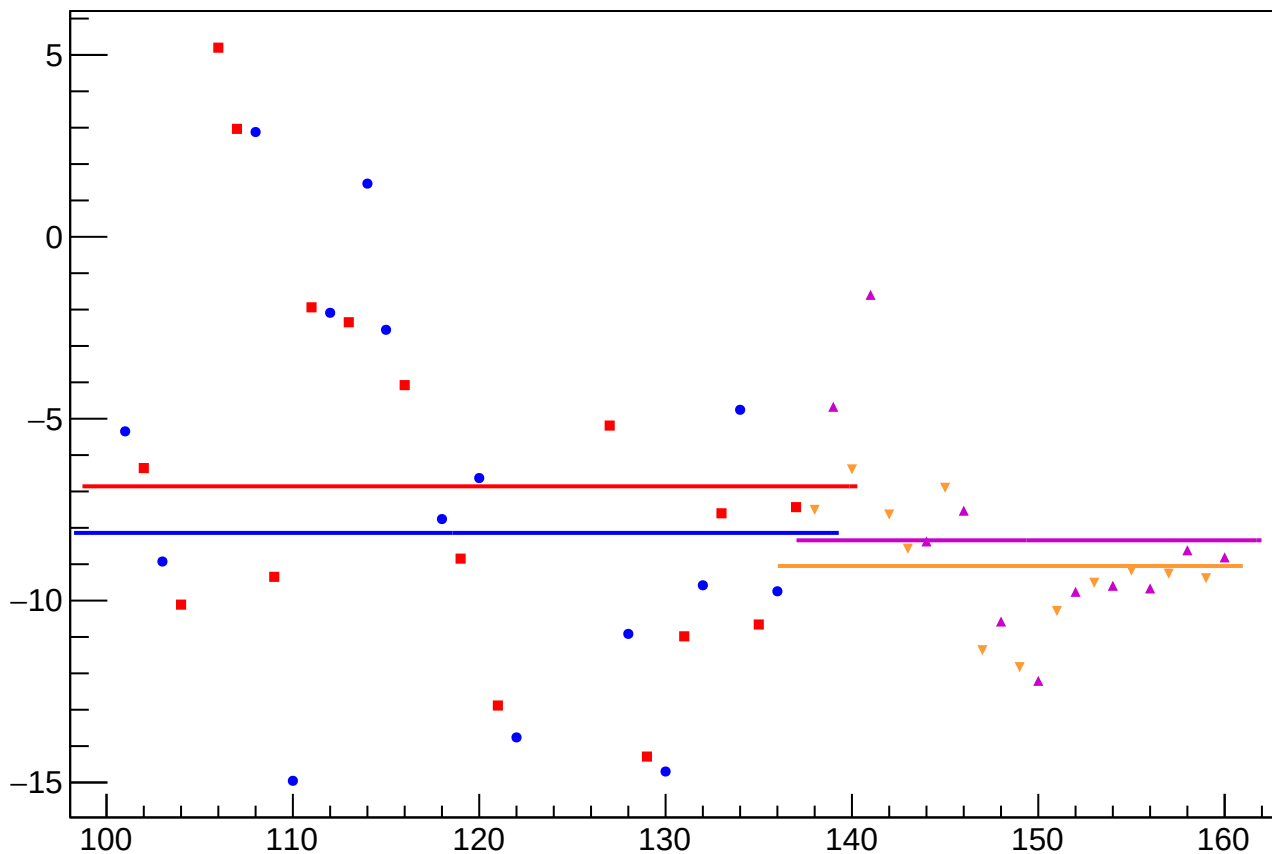
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 $\chi^2/\text{NDF}: 14676442649222120372533779893321728.0/14$

Left Out: -9.049 ± 0.000 $\chi^2/\text{NDF}: 2449058506184839792133889501167616.0/11$

Right Out: -6.859 ± 0.000 $\chi^2/\text{NDF}: 16483631561591790731352632153079808.0/15$

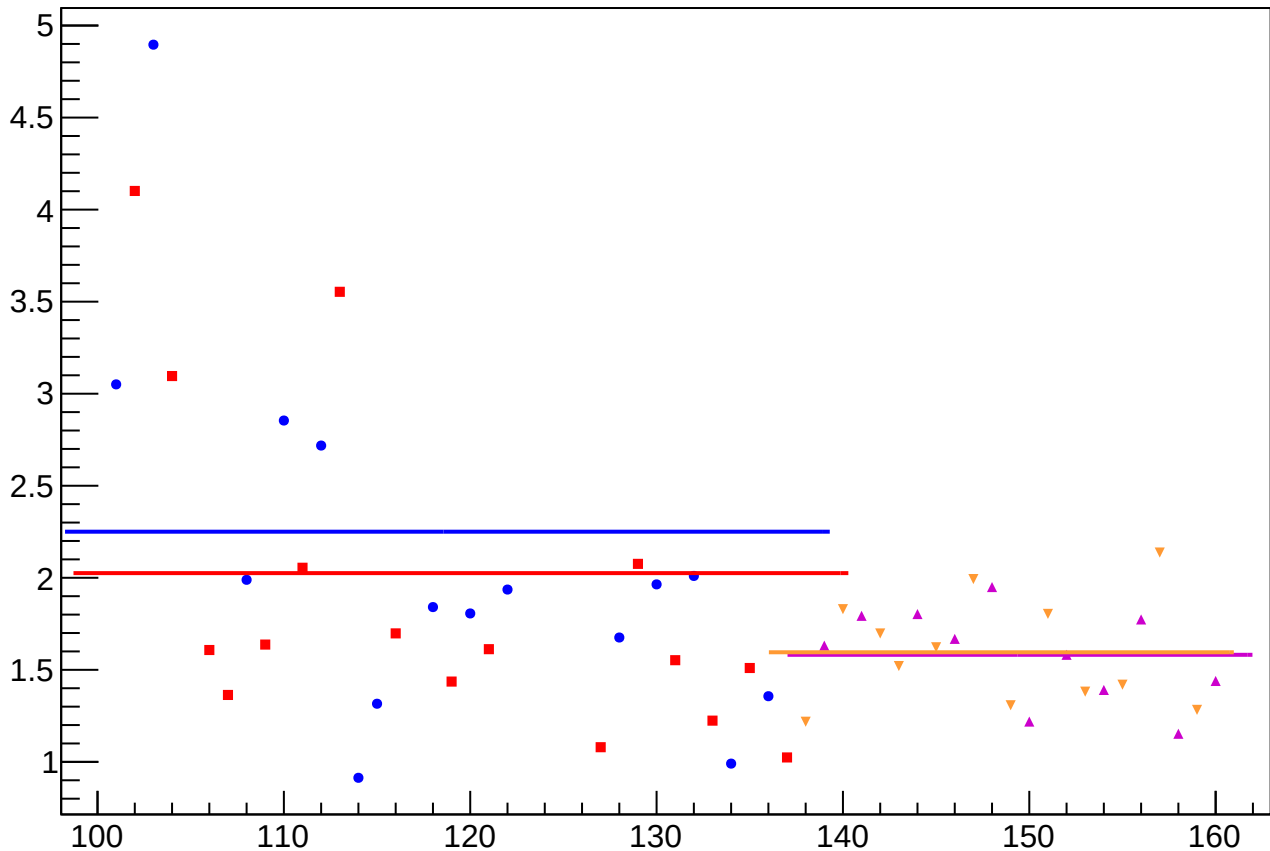
Left In: -8.343 ± 0.000 $\chi^2/\text{NDF}: 7268690948063694771204756789526528.0/10$

+ sign -8.671 ± 0.000 $\chi^2/\text{NDF}: 1743954297052969$

All: -8.191 ± 0.000 $\chi^2/\text{NDF}: 4275682258895$

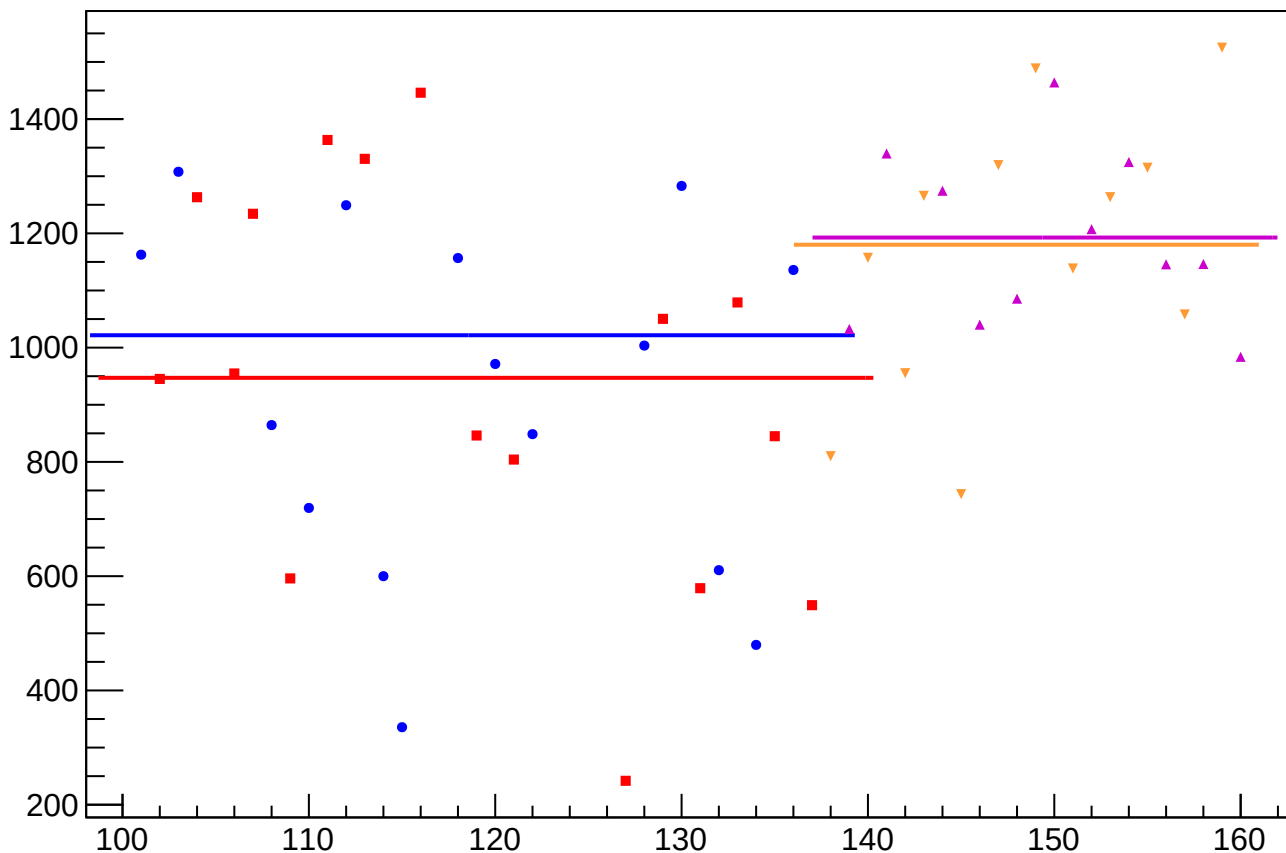
- sign -7.721 ± 0.000 $\chi^2/\text{NDF}: 24605417695217650$

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11
 Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 1.817 ± 0.000 χ^2/NDF : 16139323147650.0/10
 + sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009.0/10
 - sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177.0/10

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

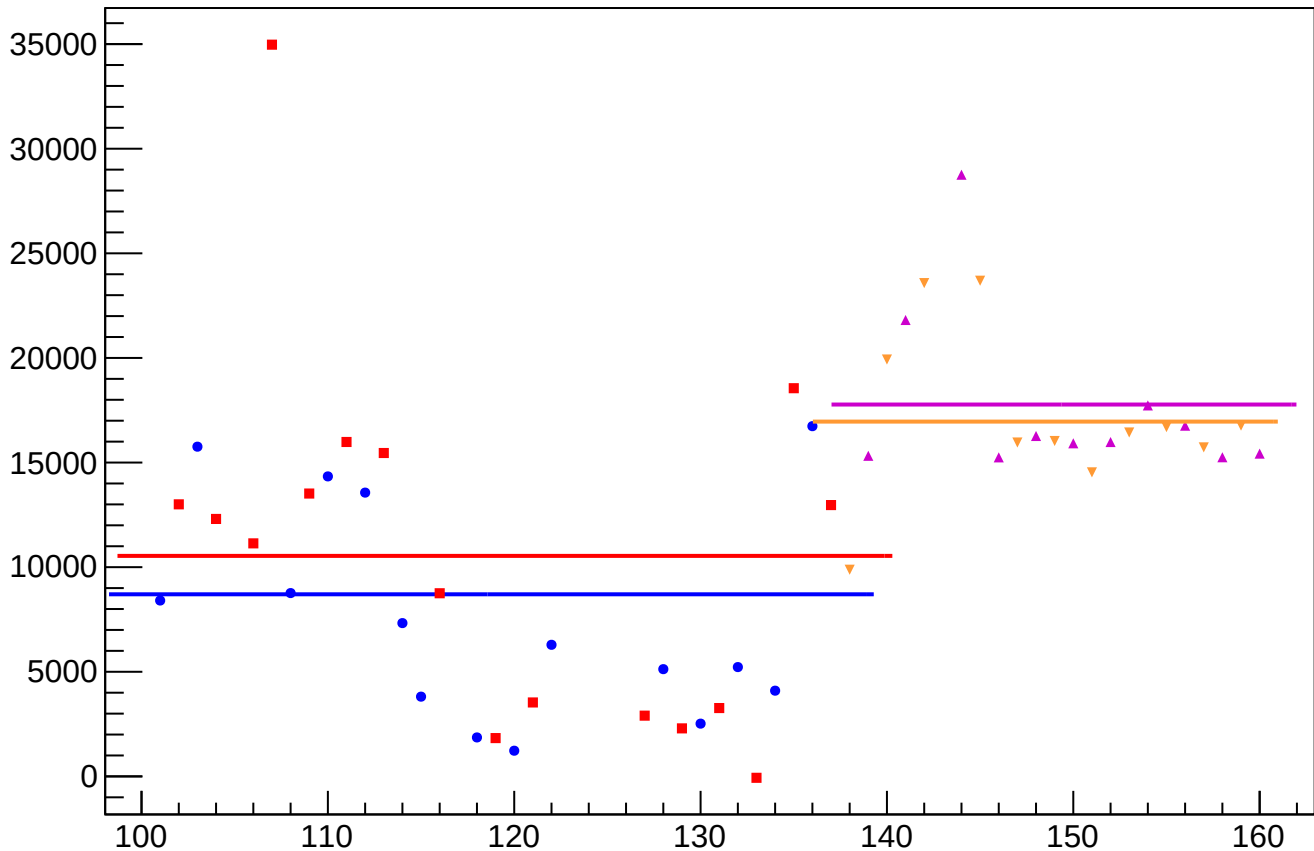
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

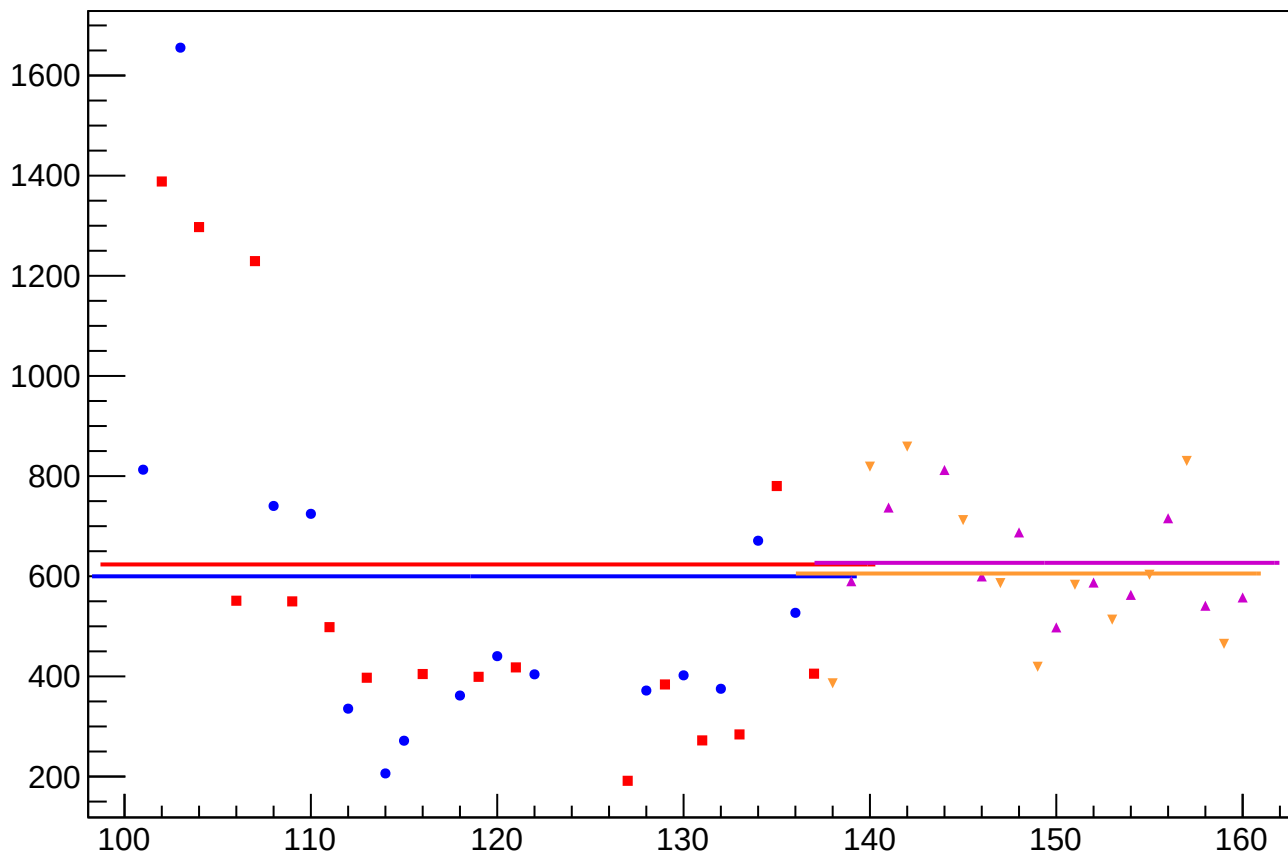
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16957.575+/-0.000 χ^2/NDF : 10938008625550561770285254297697243889664.0/10
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

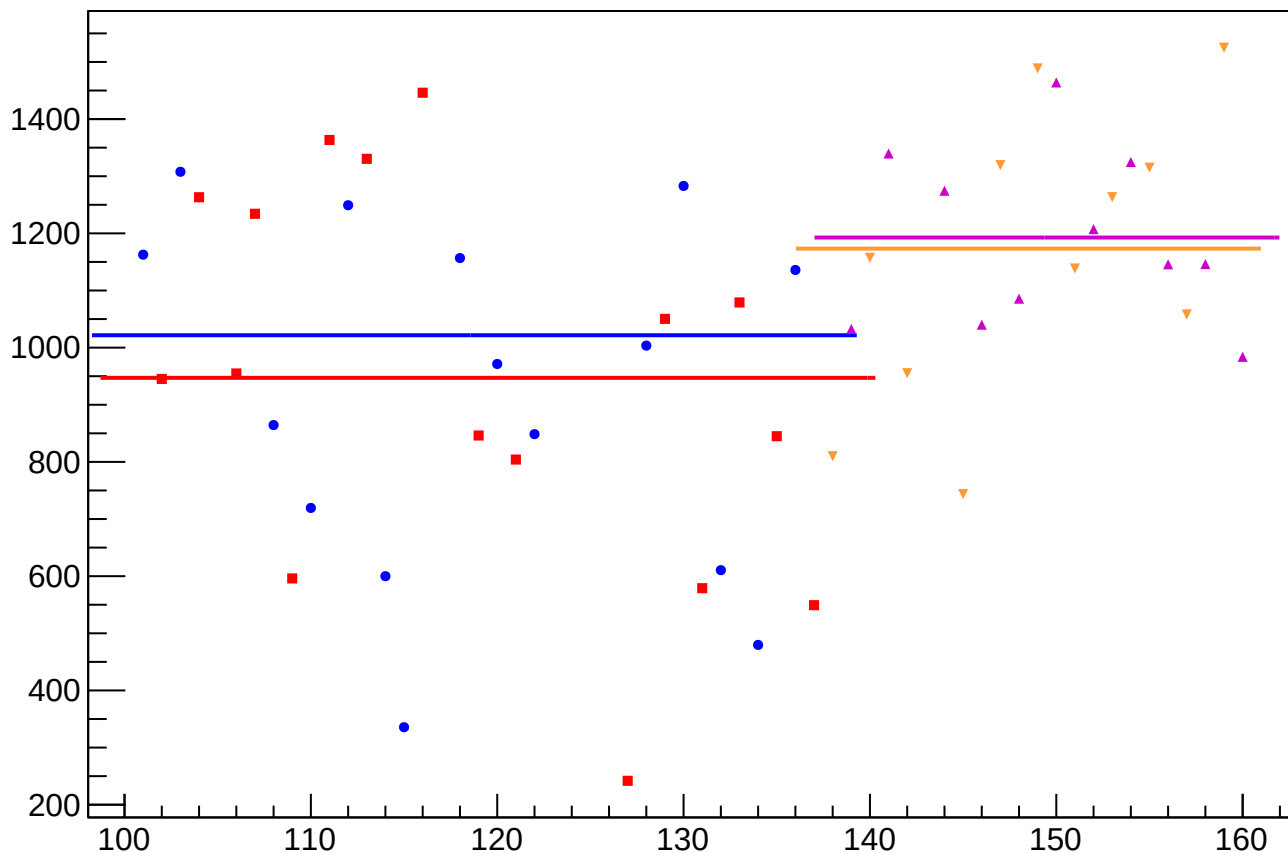
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1173.334+/-0.000 χ^2/NDF : 50259225692125439679244442751924699136.0/10

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

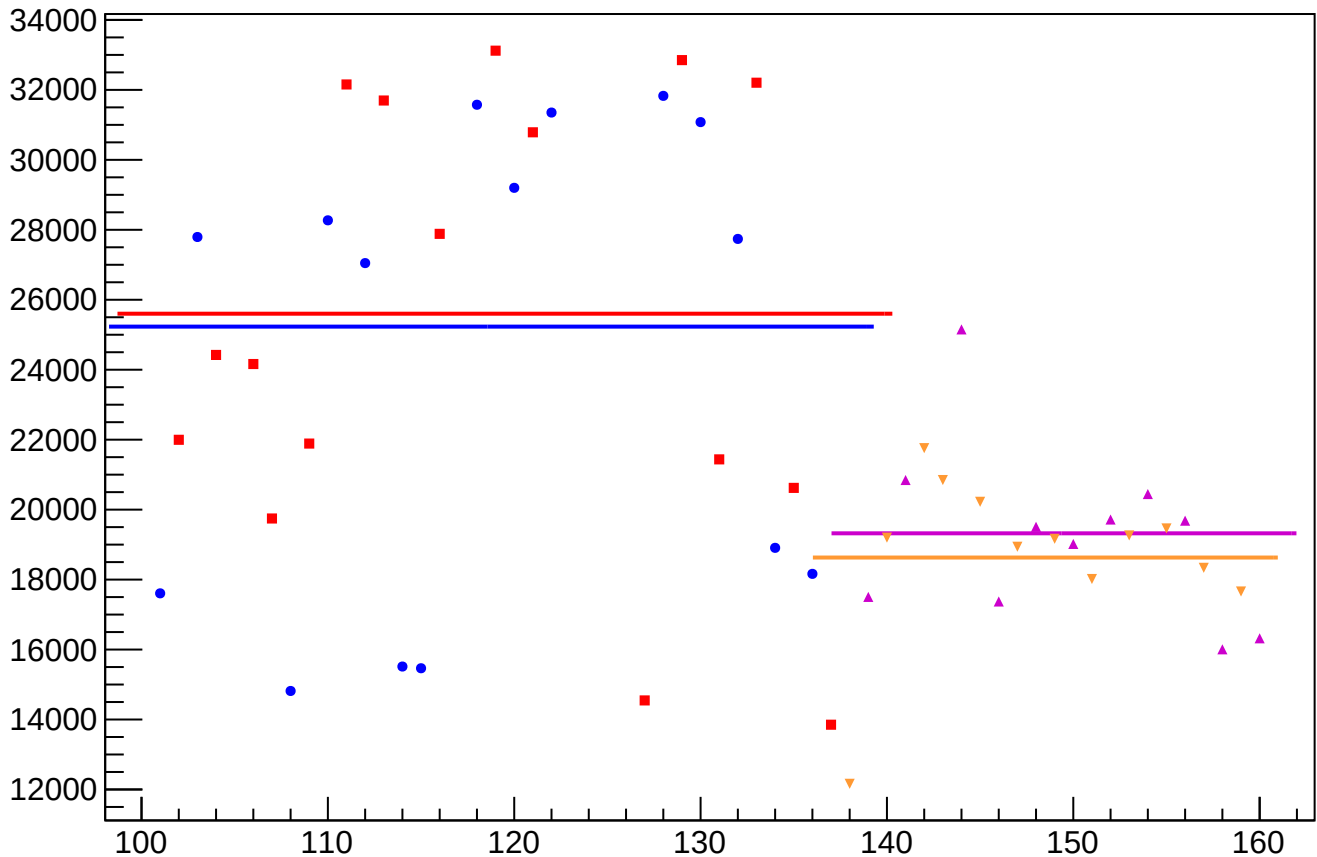
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1107.545+/-0.000 χ^2/NDF : 99202805471874

All: 1098.373+/-0.000 χ^2/NDF : 20984187795

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

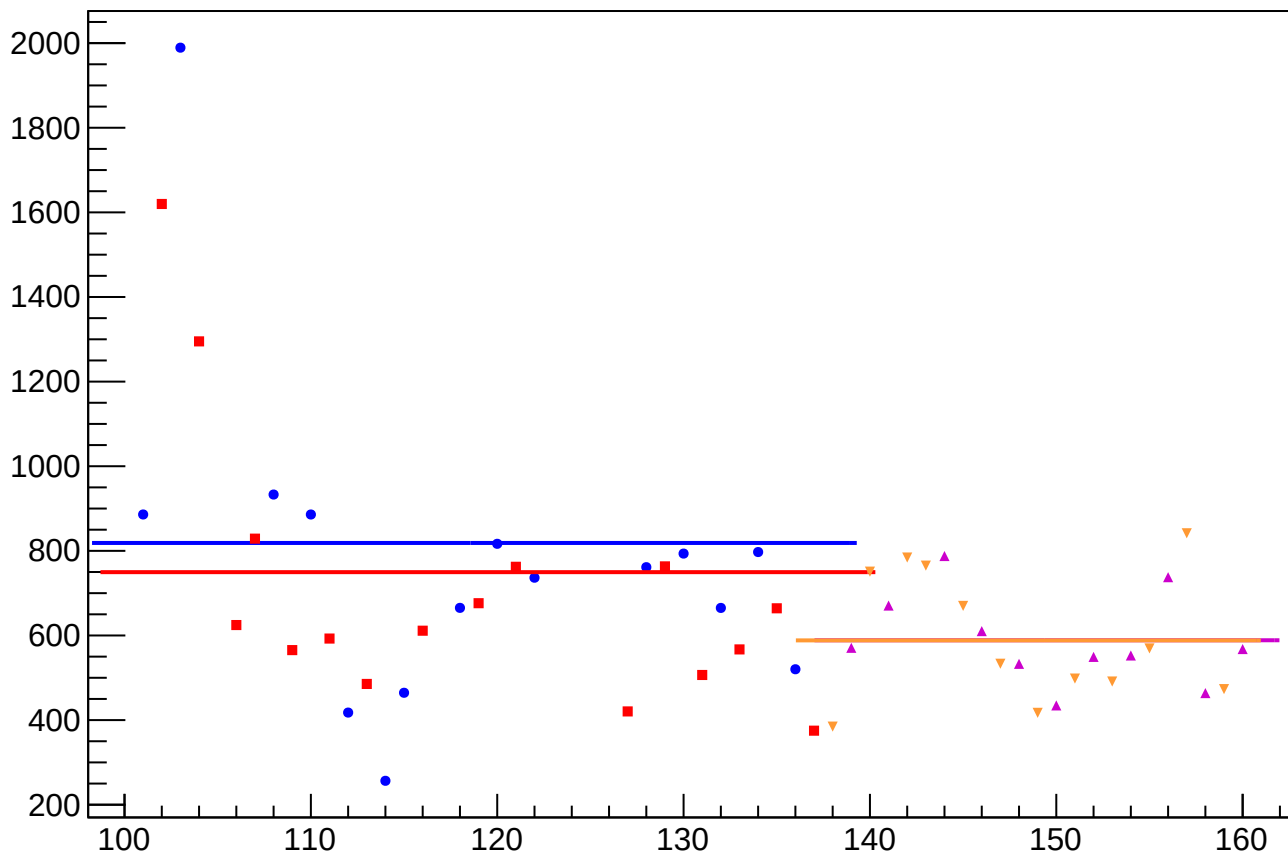
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

Left Out: 588.391 $\pm$ 0.000 χ^2 /NDF: 20060197377989114991296665666078113792.0/11

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

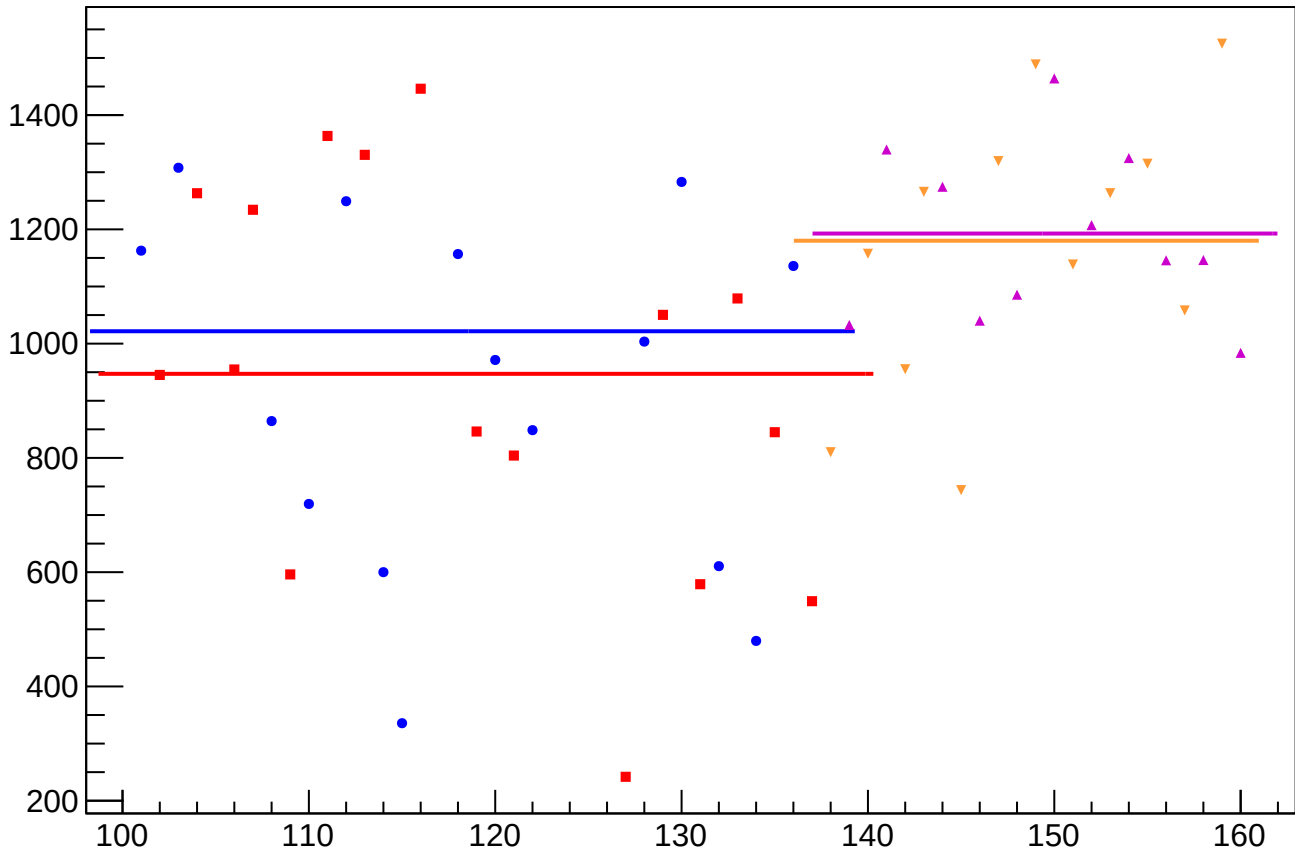
Left In: 588.693 $\pm$ 0.000 χ^2 /NDF: 9904386894828699094725074481582178304.0/10

+ sign 684.008 $\pm$ 0.000 χ^2 /NDF: 145791569069388

All: 669.969 $\pm$ 0.000 χ^2 /NDF: 244316509040

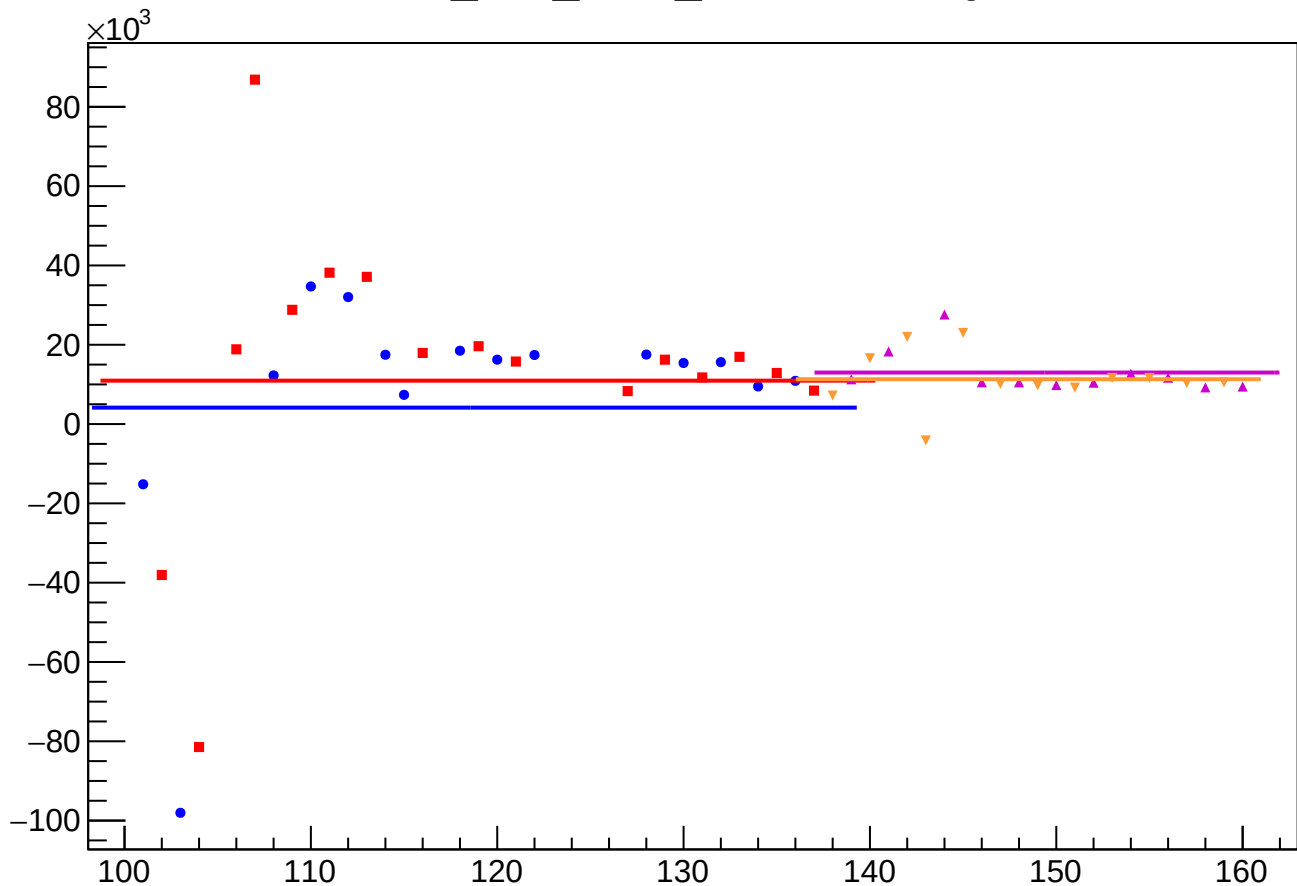
- sign 656.176 $\pm$ 0.000 χ^2 /NDF: 979142023590546

dit_usr_coil7_Ndata_mean vs Slug



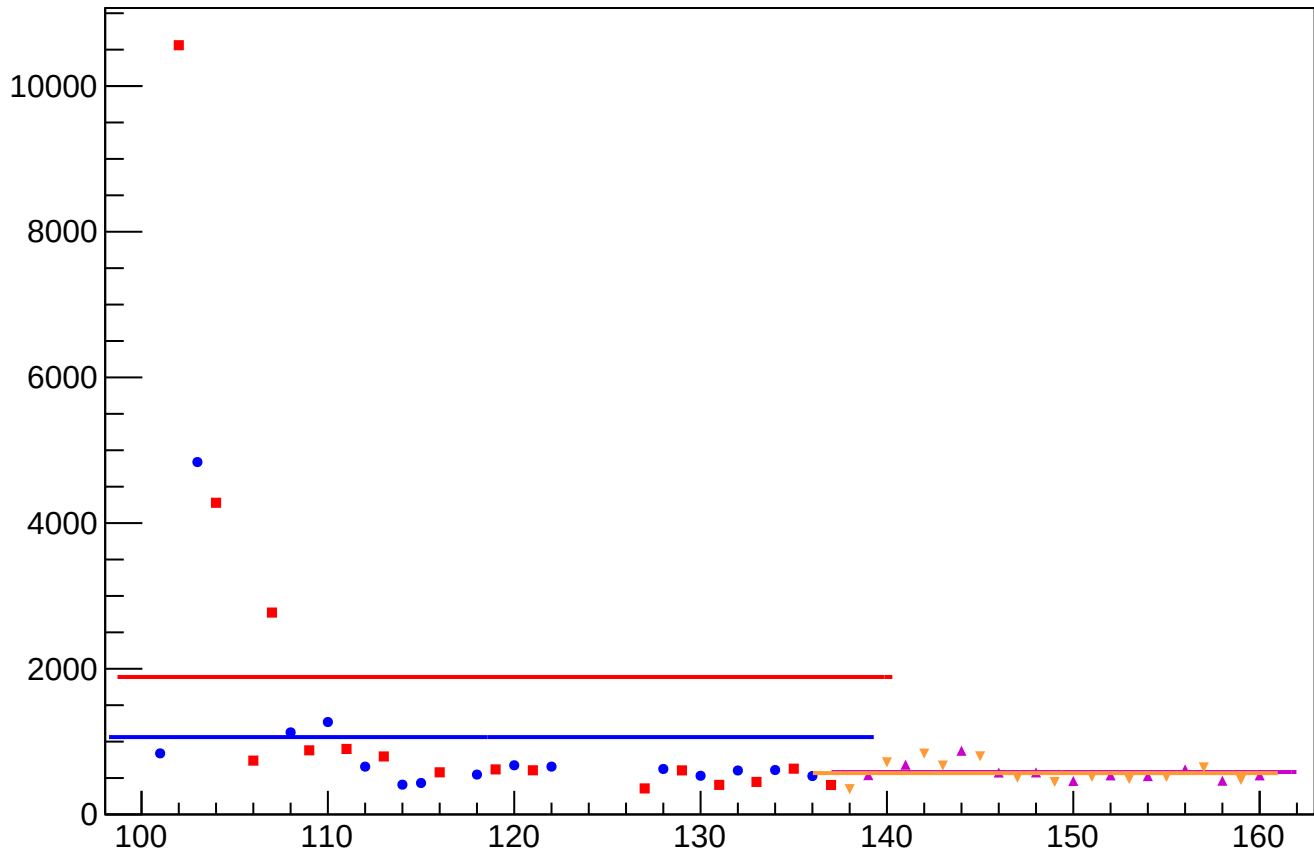
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_atl1_coil7_mean vs Slug



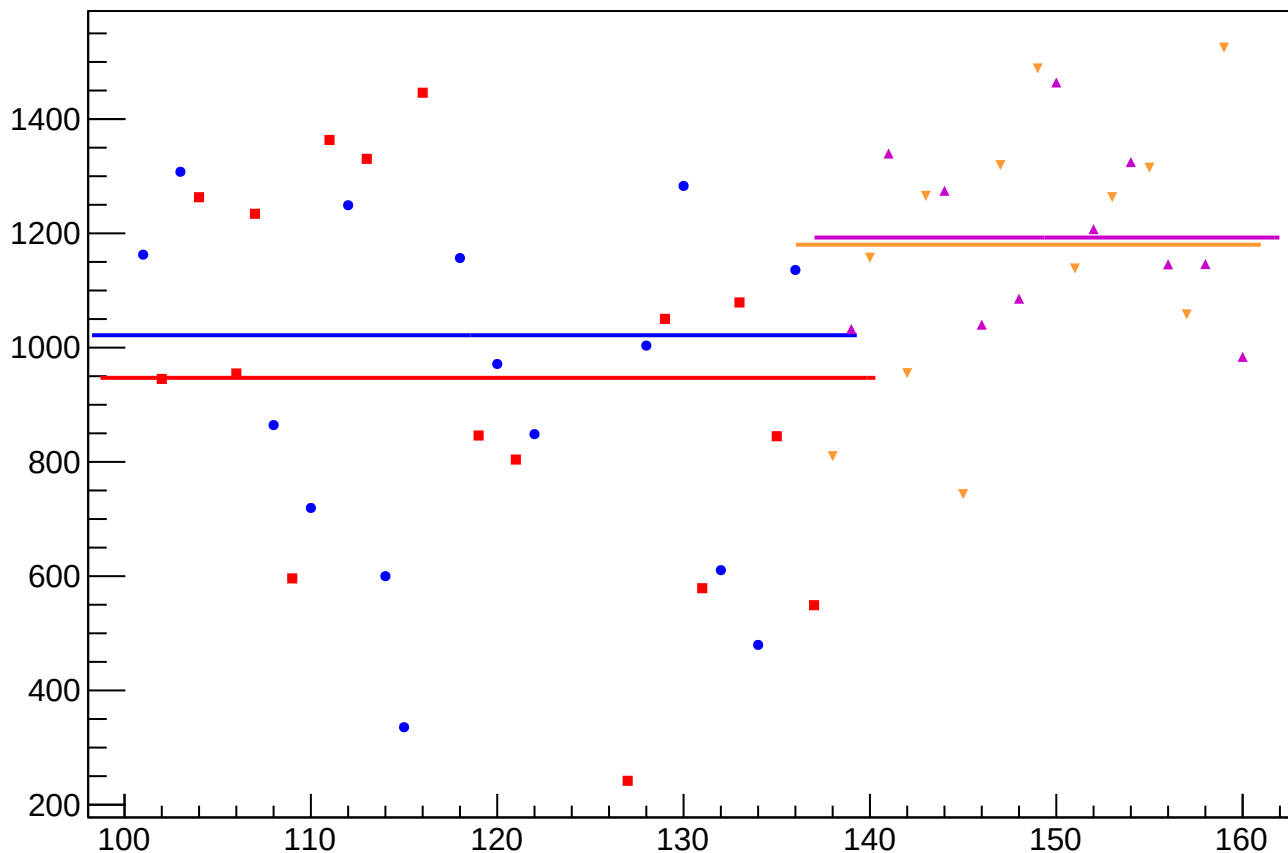
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 567.733+/-0.000 χ^2/NDF : 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 582.413+/-0.000 χ^2/NDF : 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

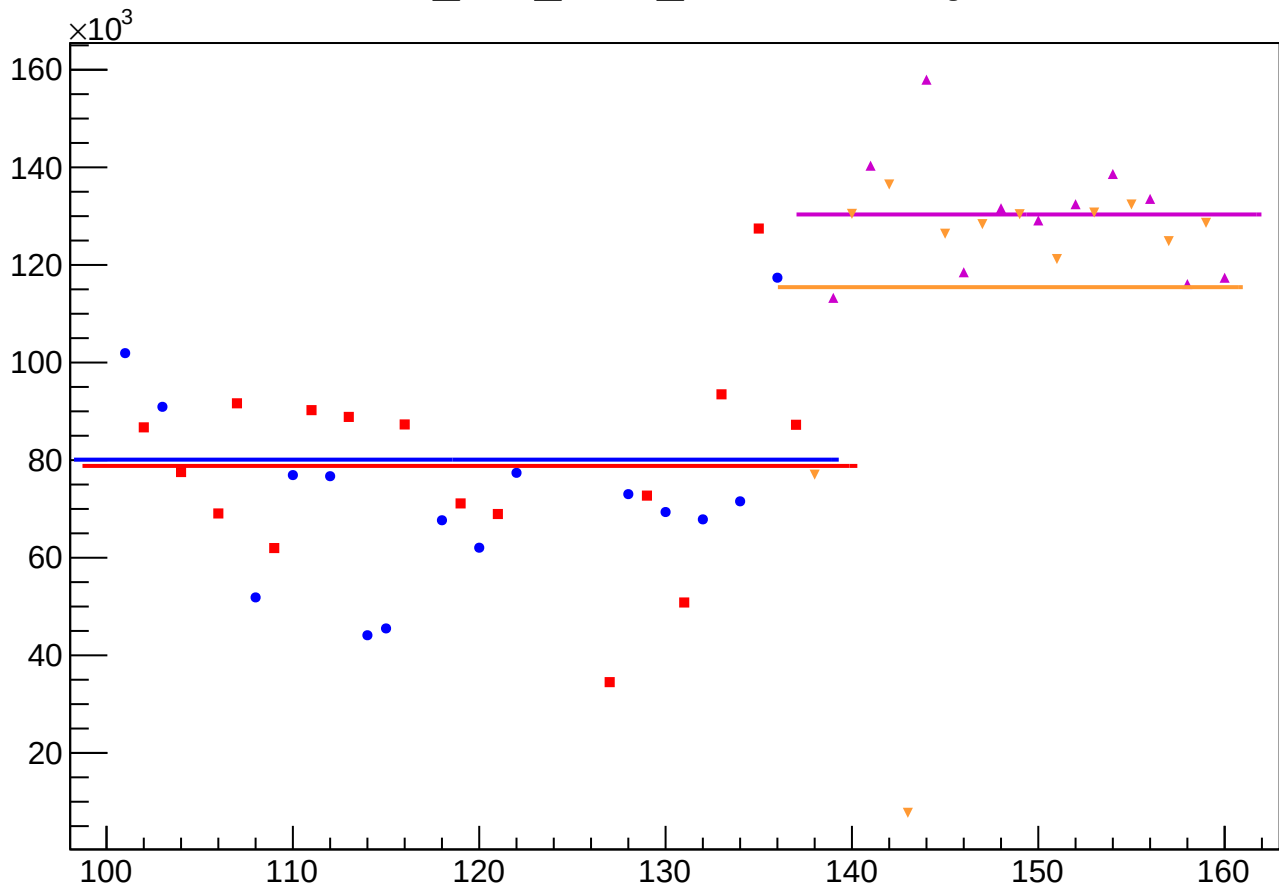
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

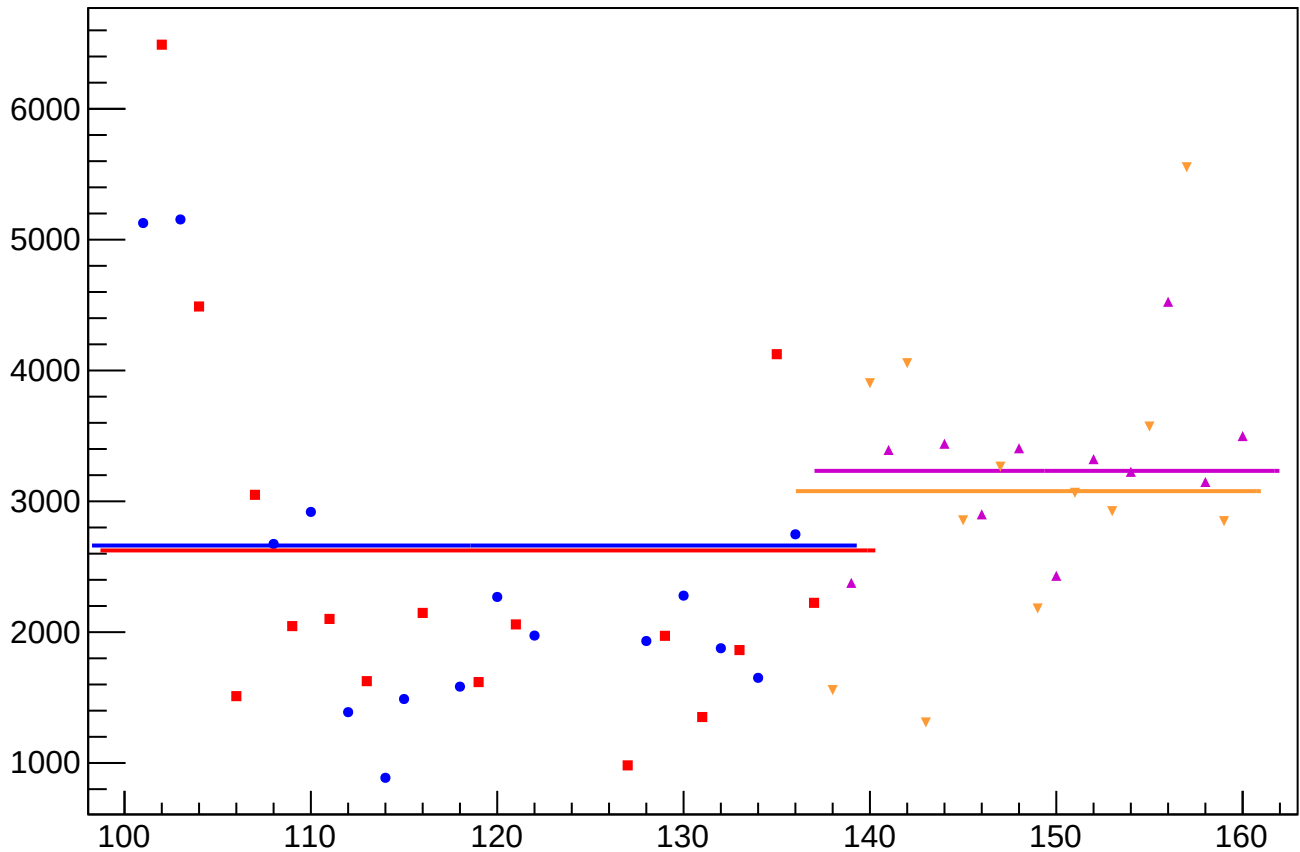
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atl2_coil7_mean vs Slug



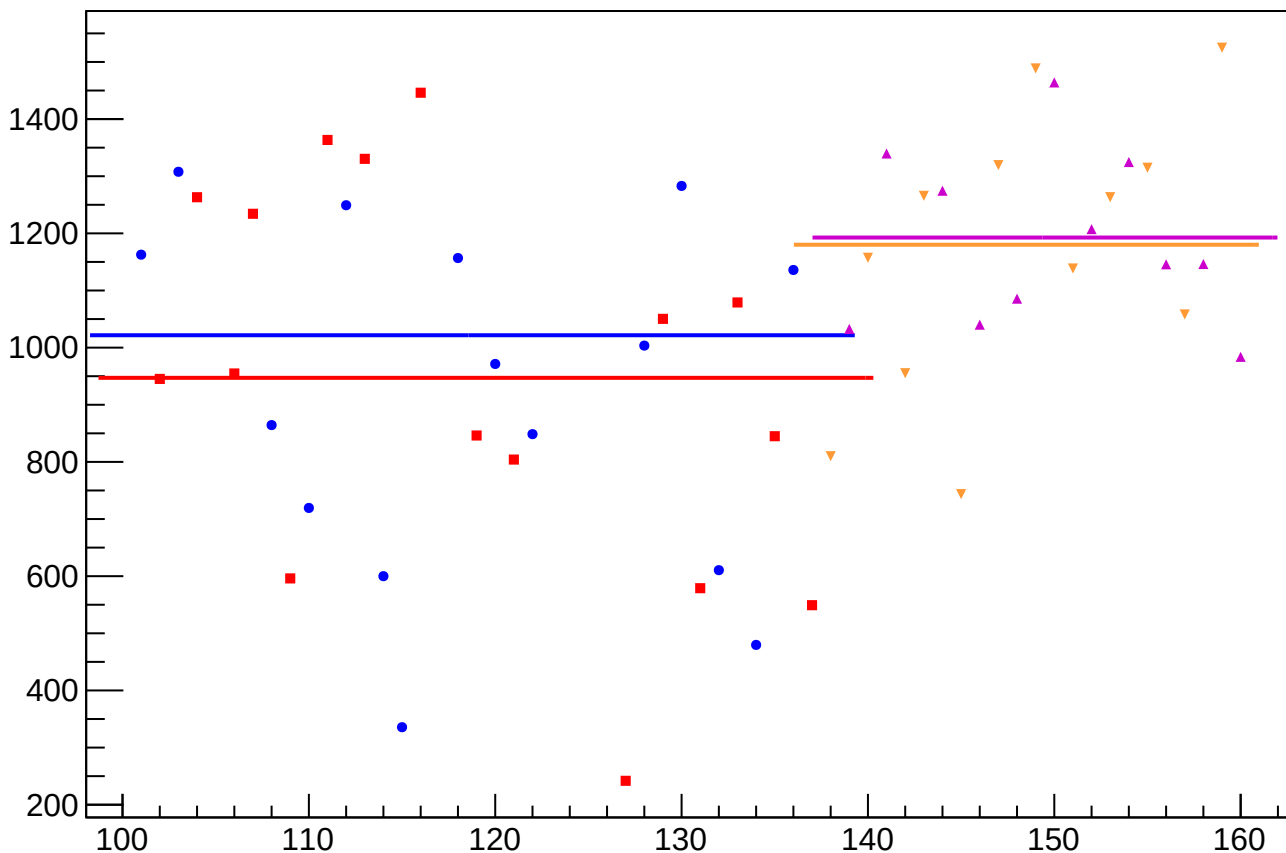
Right In: 80102.504 ± 0.000 χ^2/NDF : 254521784097258654723607522631742465769472.0/14
 Left Out: 115448.893 ± 0.000 χ^2/NDF : 1038801657464811255416211206986838896017408.0/11
 Right Out: 78815.832 ± 0.000 χ^2/NDF : 286076919217811099434470442231998185472000.0/15
 Left In: 130346.244 ± 0.000 χ^2/NDF : 148174871015439819820100459279999278514176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 ± 0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945 ± 0.000 χ^2/NDF : 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696 ± 0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879 ± 0.000 χ^2/NDF : 275721007613891276741007240283331493888.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

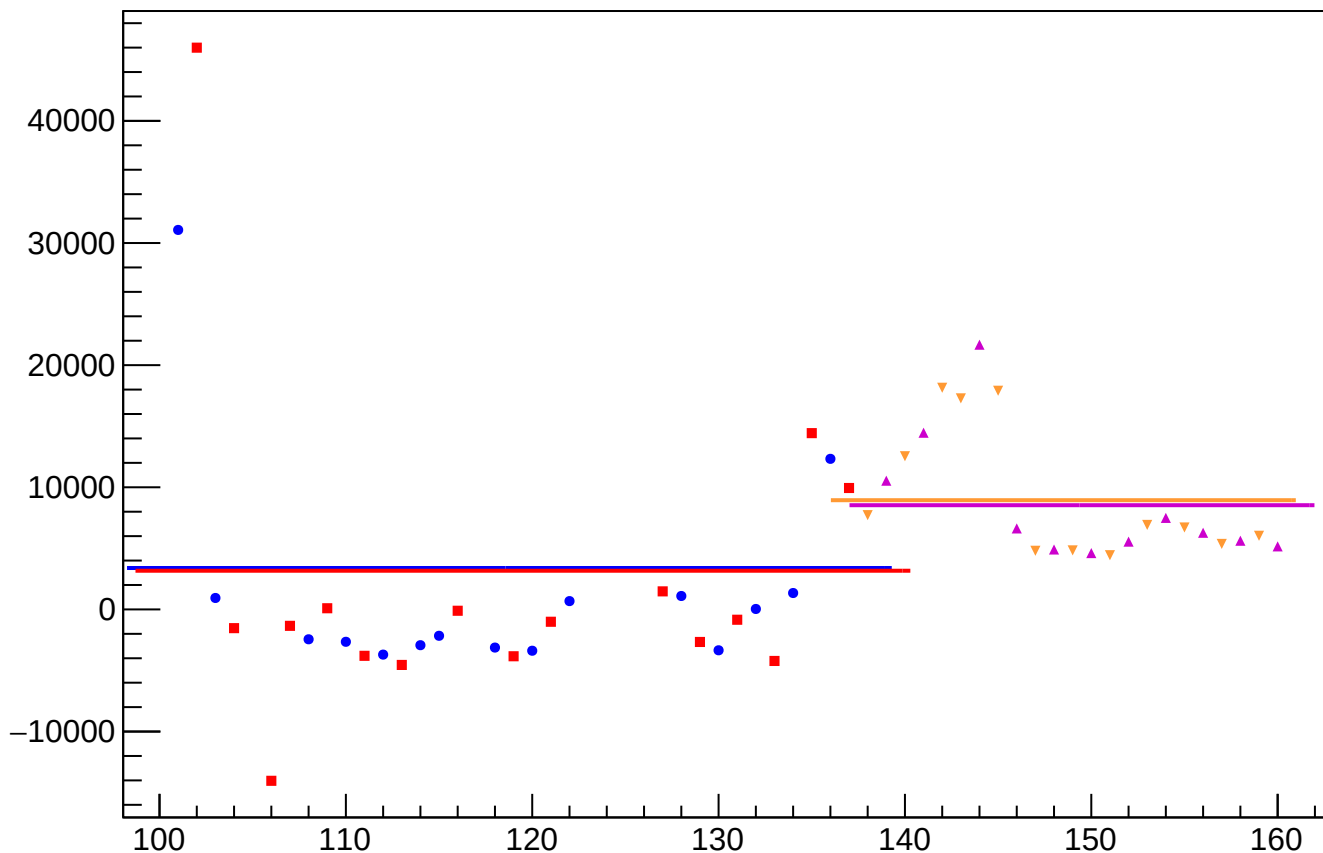
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

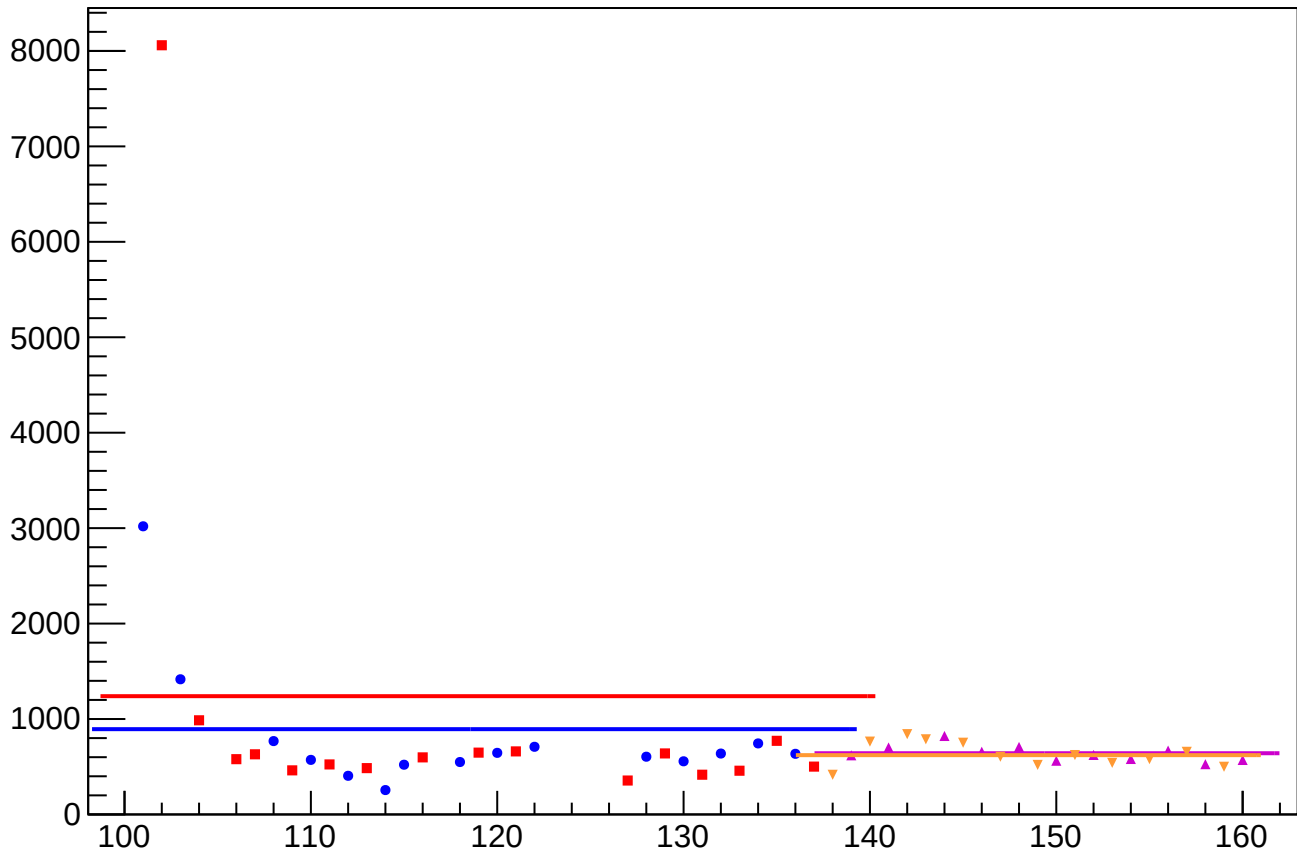
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

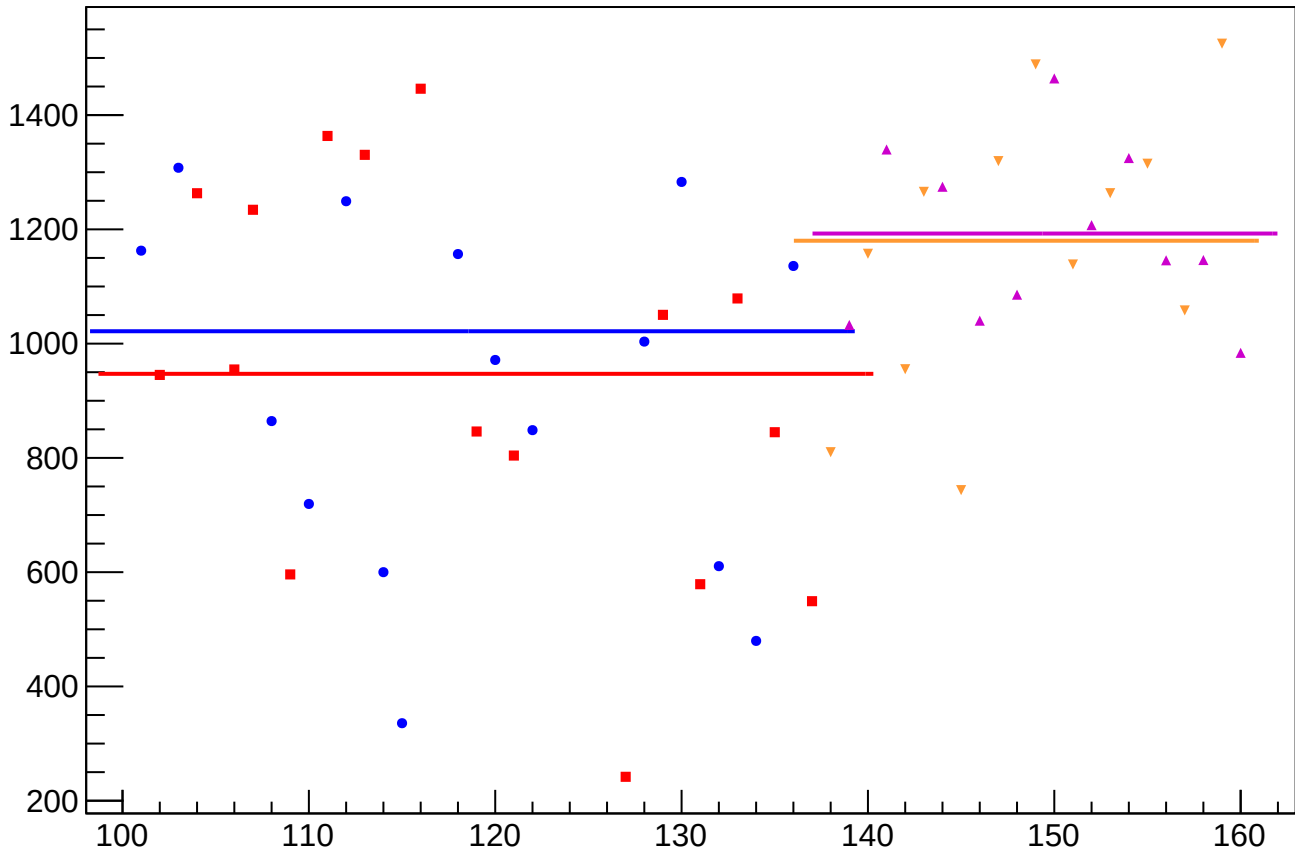
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

+ sign 734.457+/-0.000 χ^2/NDF : 375941972925027

All: 813.984+/-0.000 χ^2/NDF : 351101342045

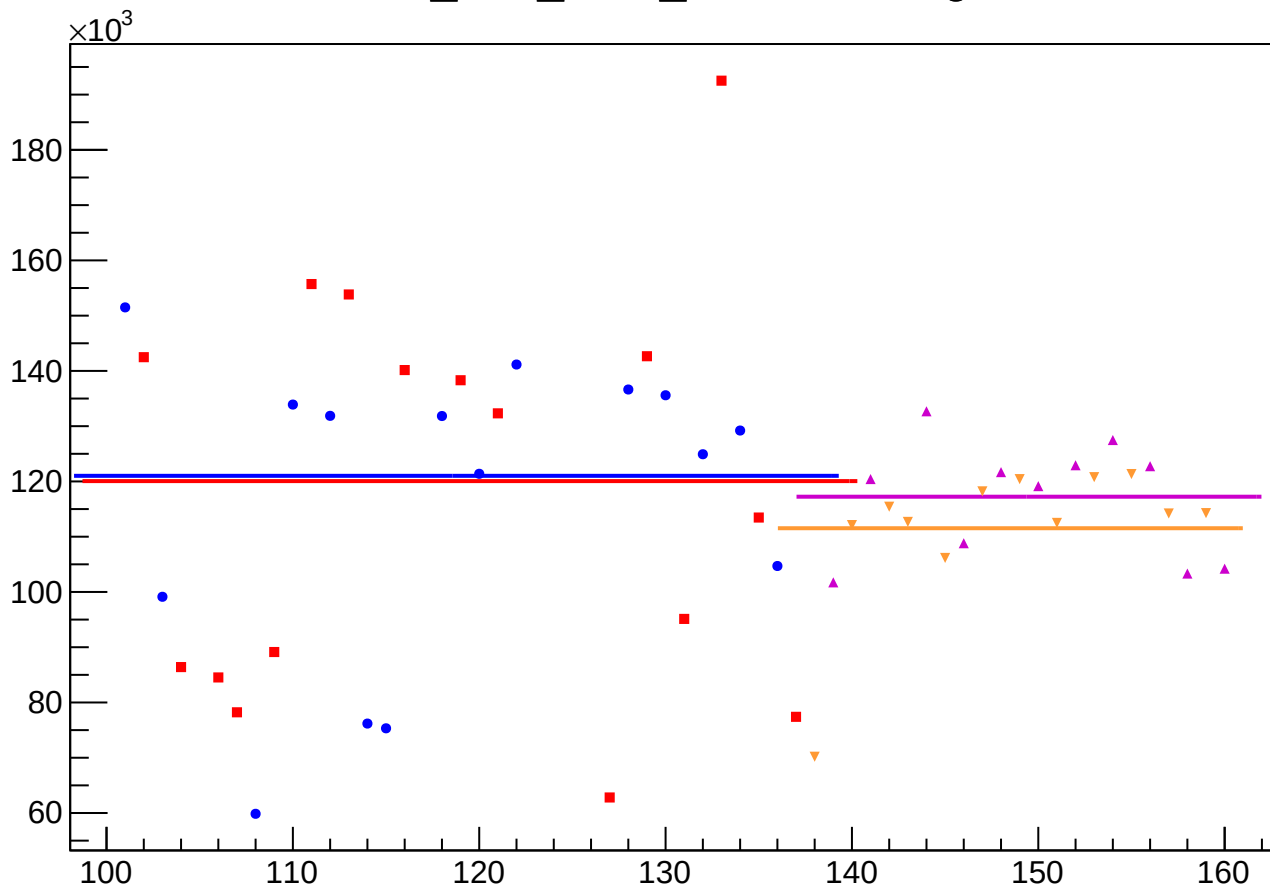
- sign 892.111+/-0.000 χ^2/NDF : 311547484911191

dit_atr1_coil7_Ndata_mean vs Slug



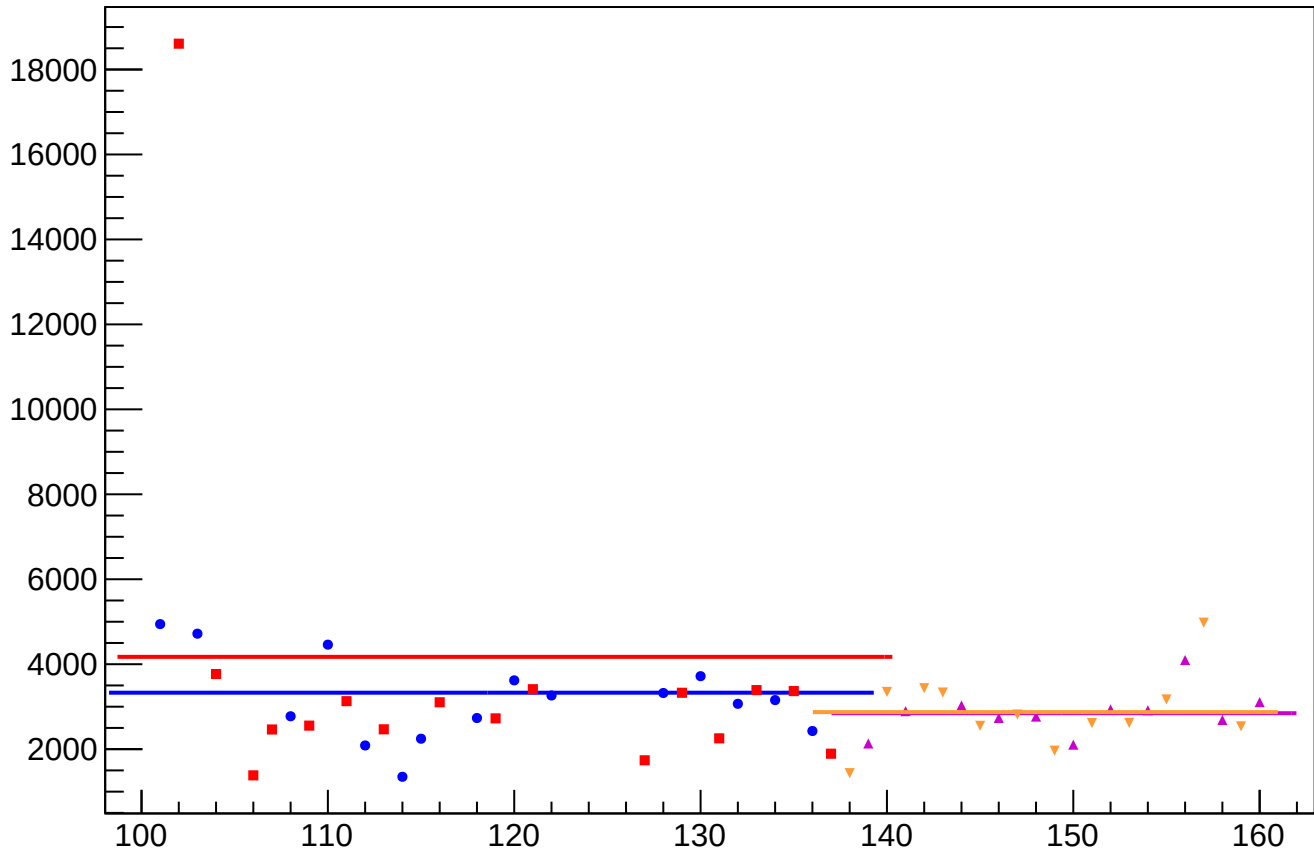
Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 +/- 0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 +/- 0.000 χ^2/NDF : 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 +/- 0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



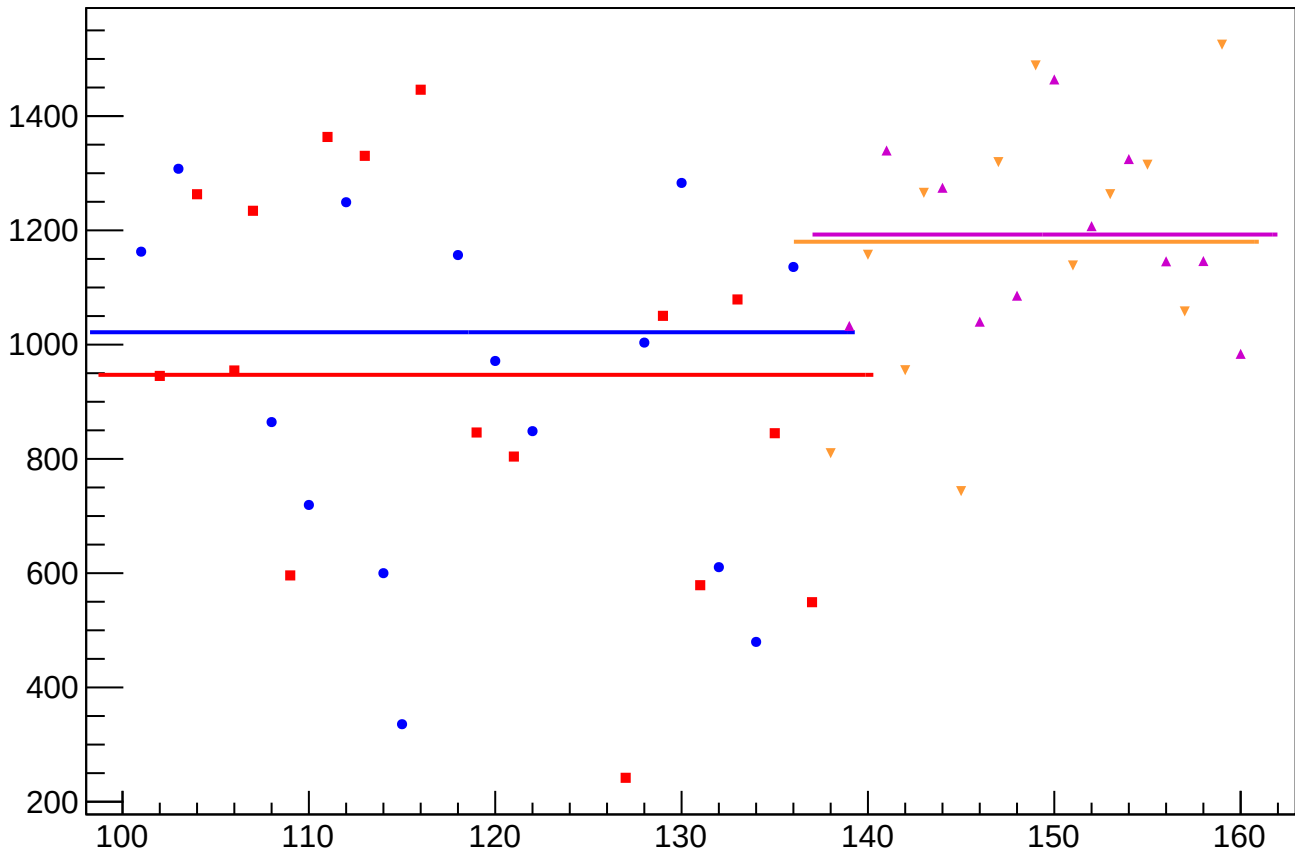
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111531.681 $\pm$ 0.000 χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

dit_atr2_coil7_err_mean vs Slug



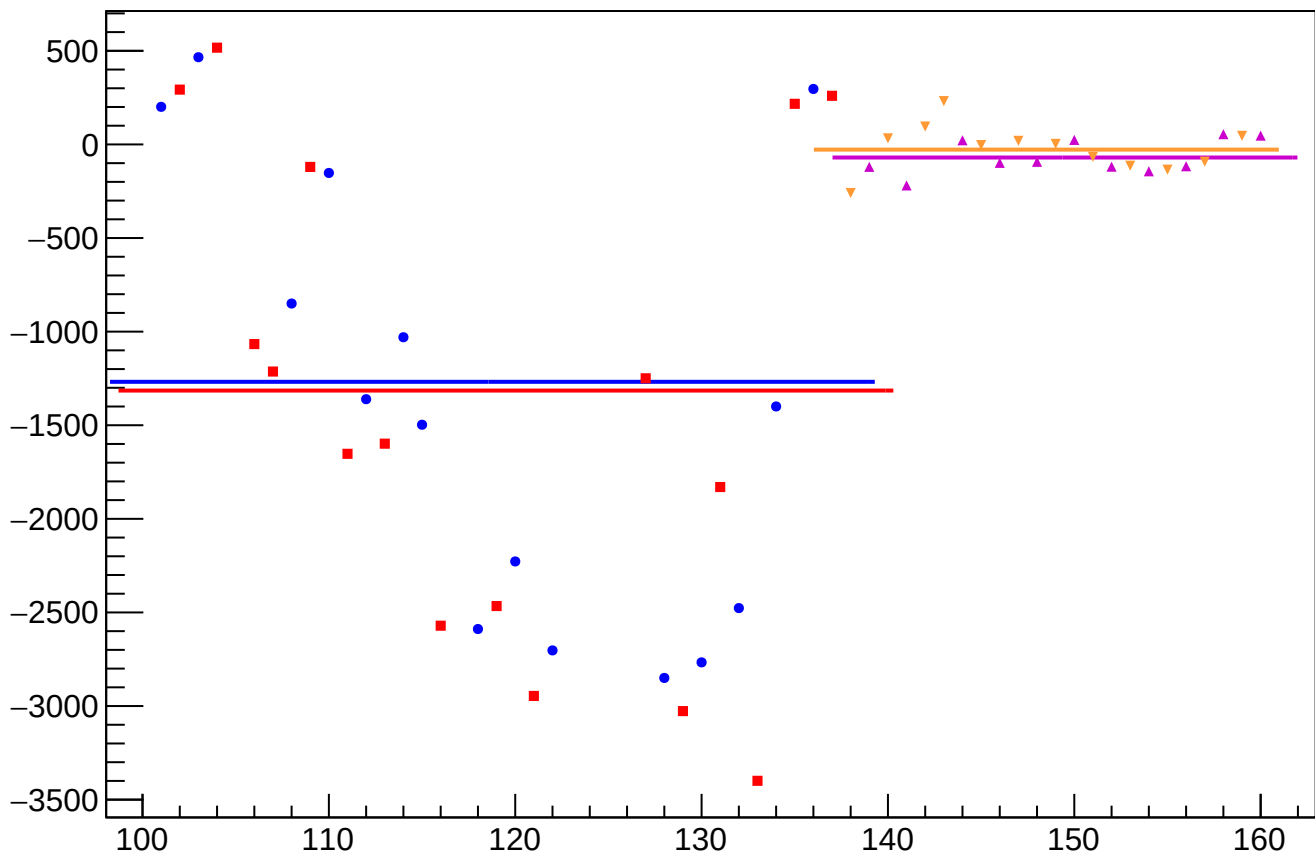
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 $\pm$ 0.000 χ^2 /NDF: 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

dit_atr2_coil7_Ndata_mean vs Slug



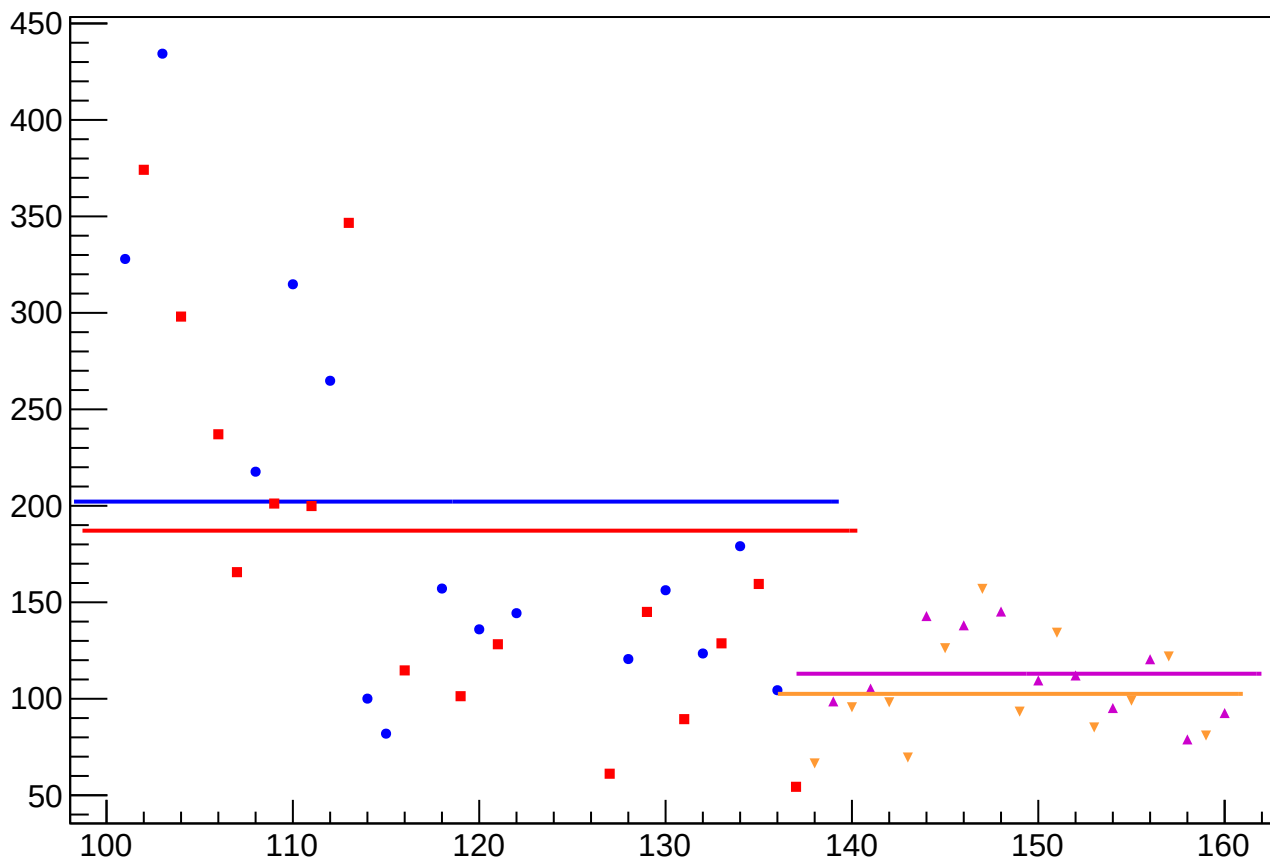
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745+/-0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.547+/-0.000 χ^2/NDF : 631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

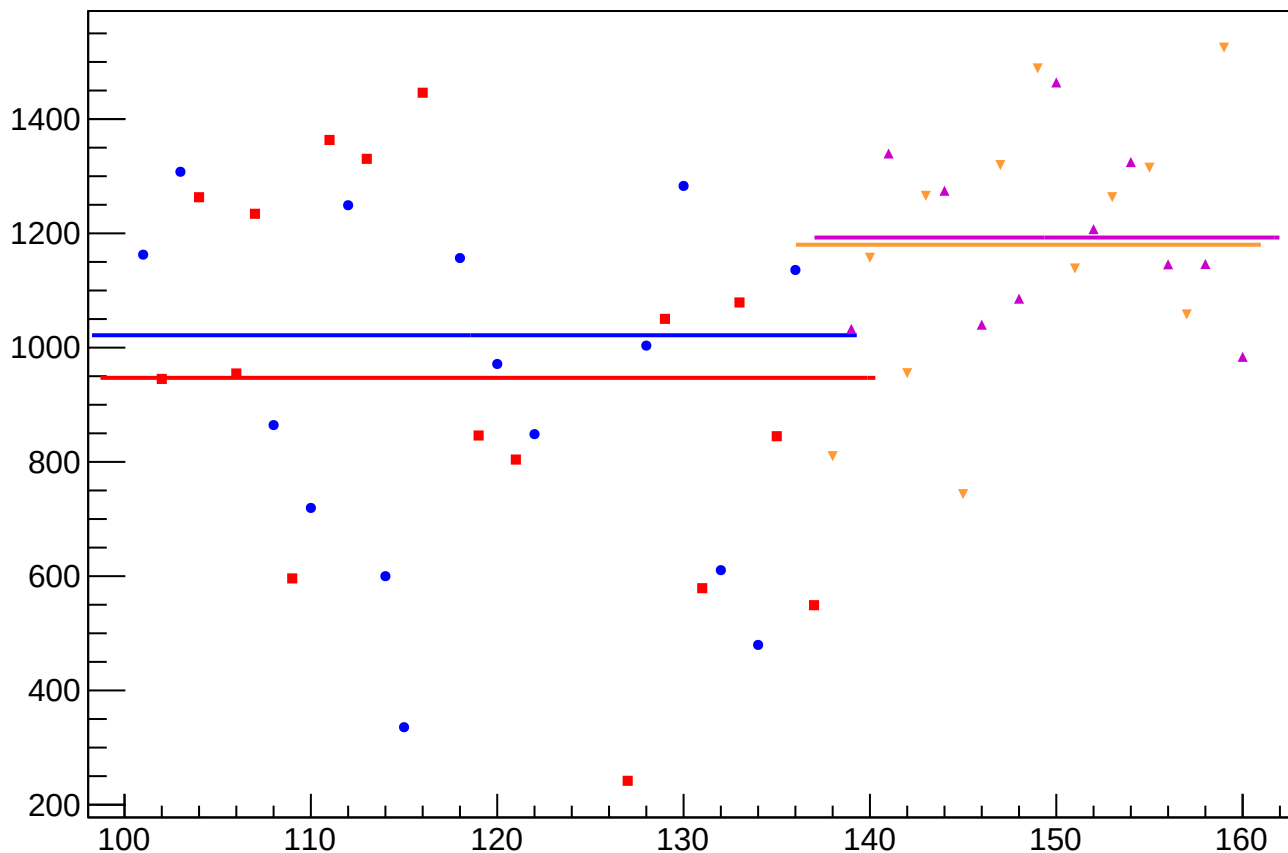
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

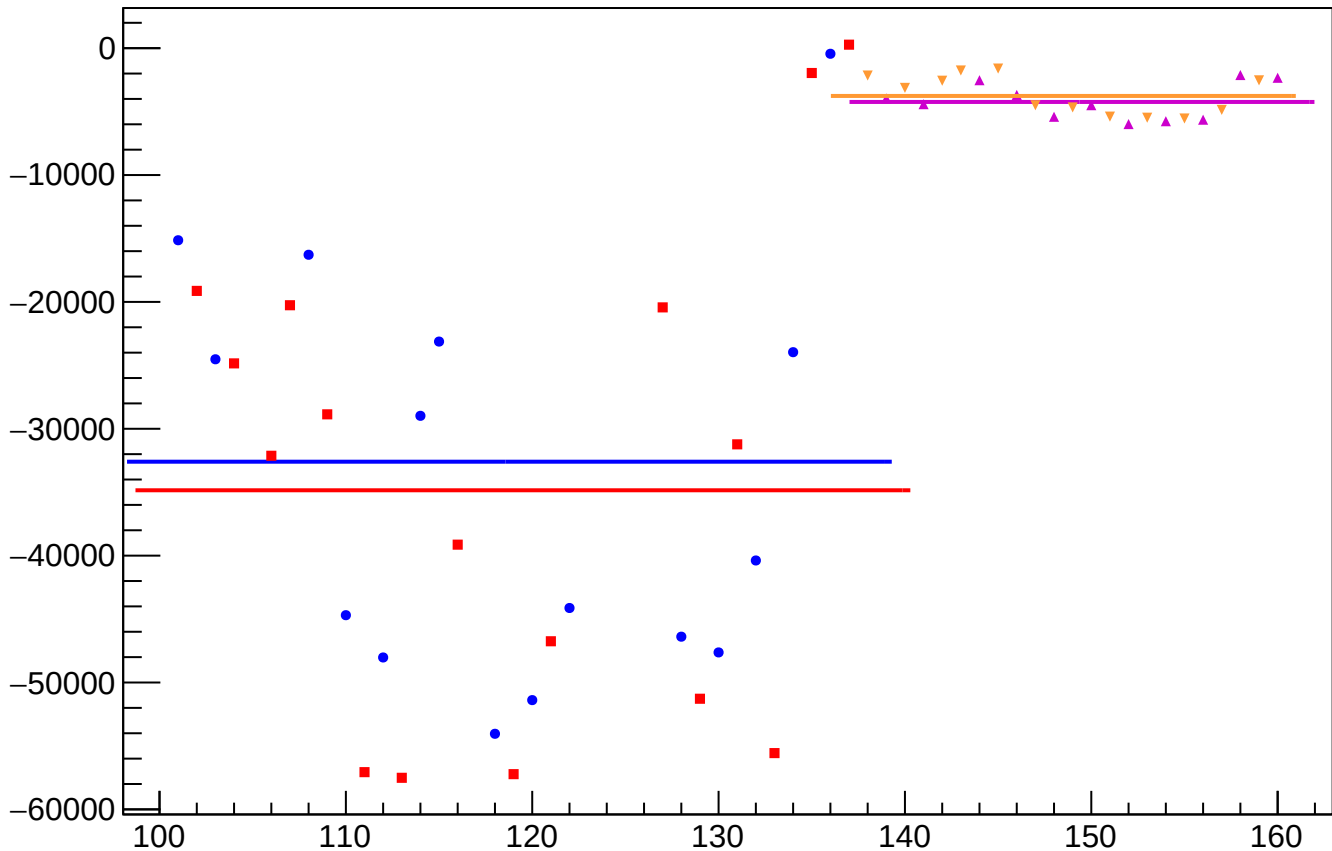
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

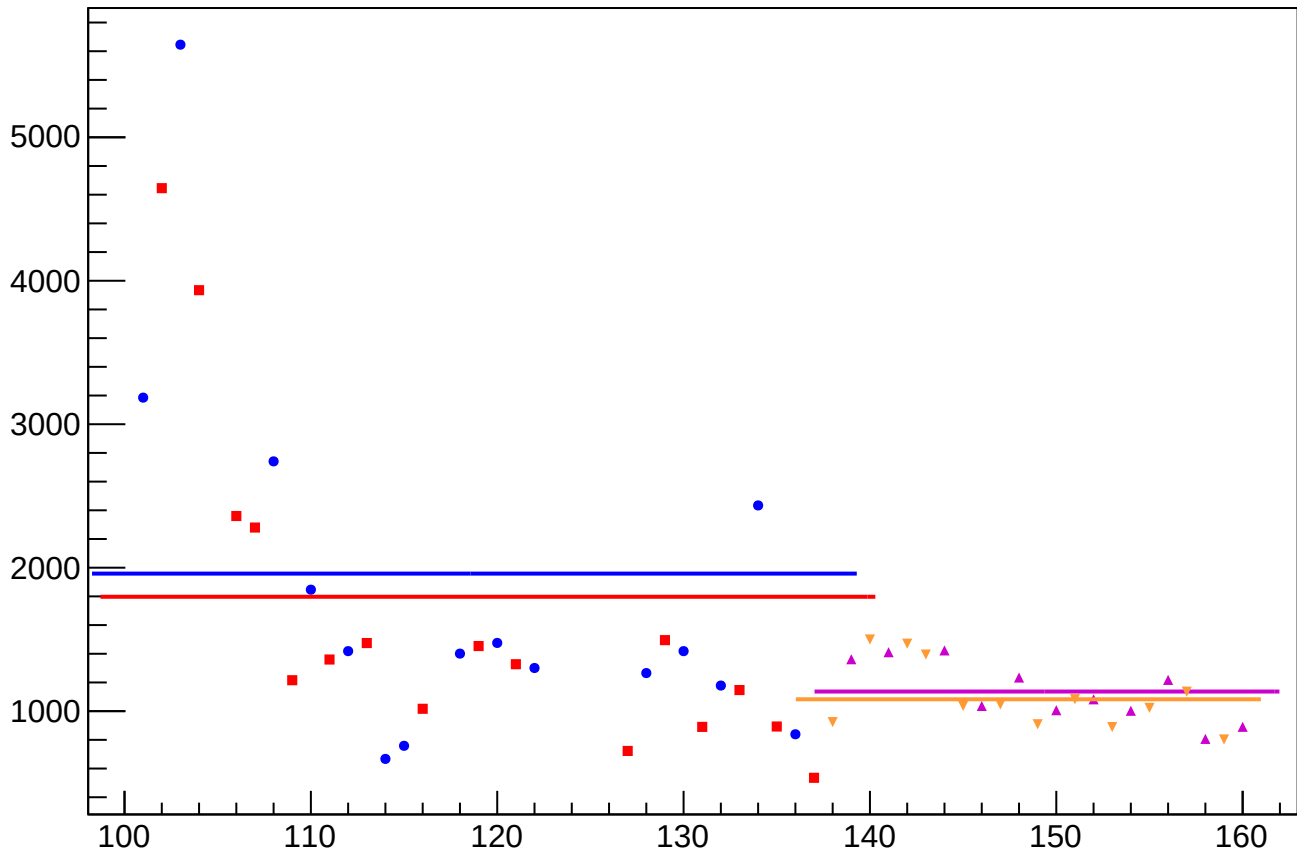
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam2_coil7_mean vs Slug



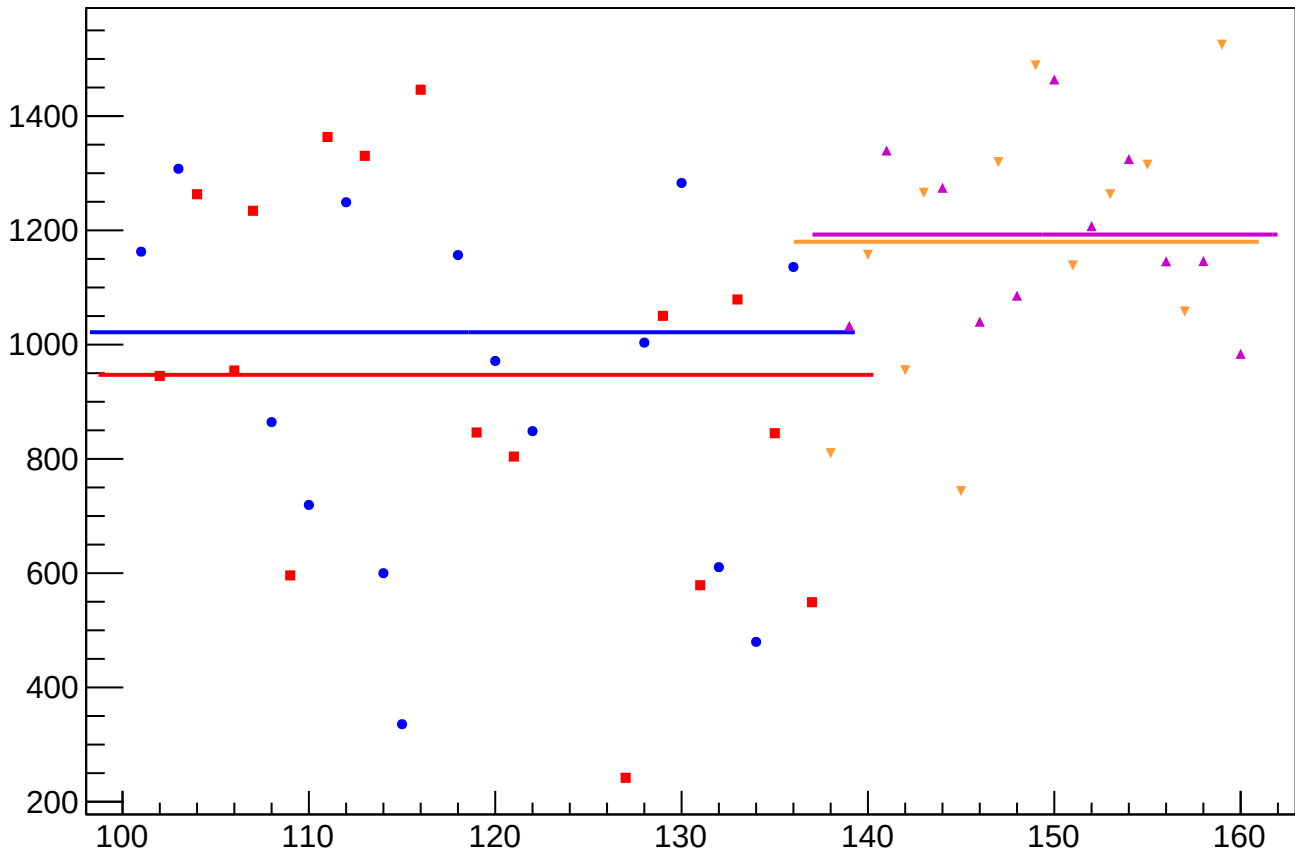
Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -3764.764 ± 0.000 $\chi^2/\text{NDF}: 1969097651481267133720686593450373545984.0/11$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: -4238.758 ± 0.000 $\chi^2/\text{NDF}: 1676258877466067471746283067125033598976.0/10$

dit_sam2_coil7_err_mean vs Slug



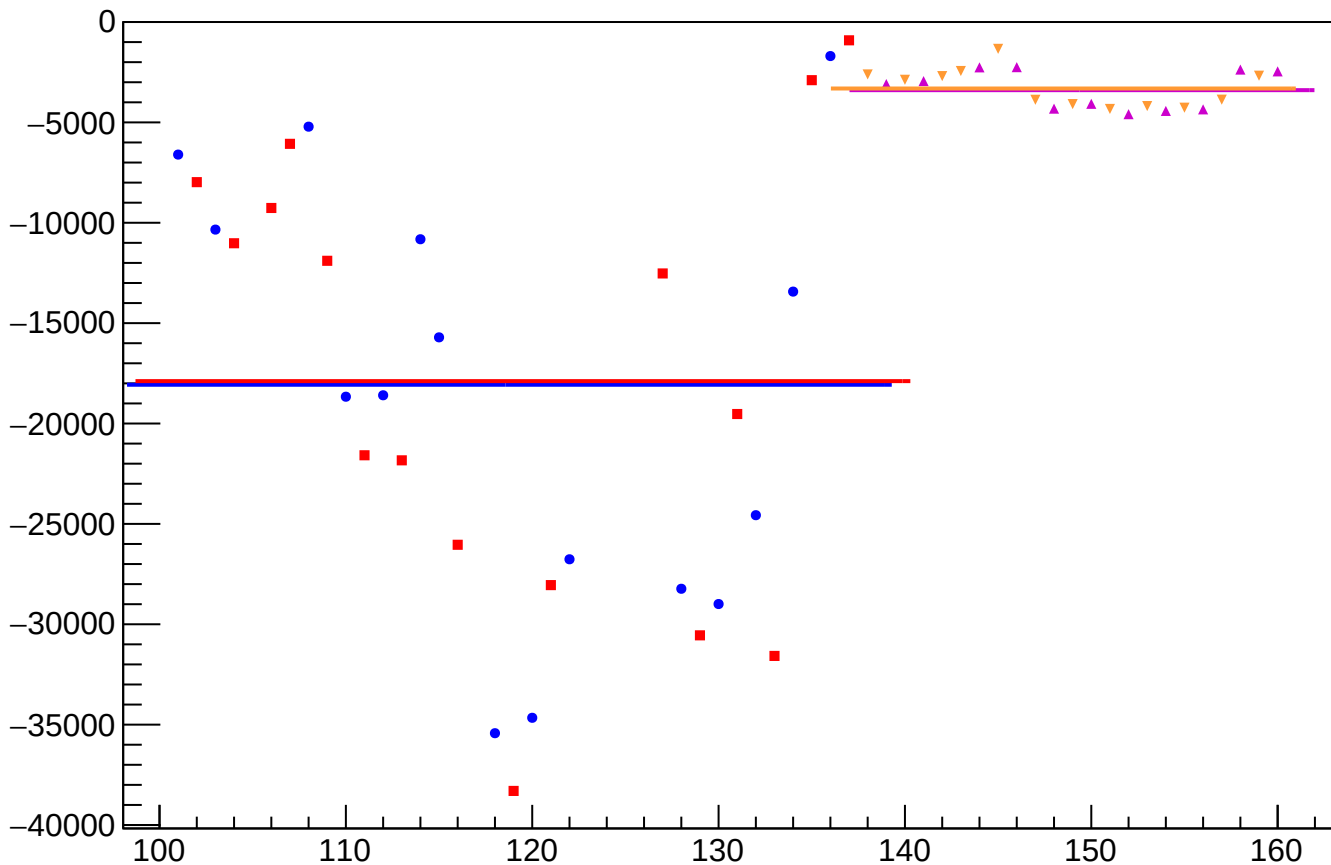
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1082.769+/-0.000 χ^2/NDF : 42435467592938018504955570075058831360.0/11
 Right Out: 1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10

dit_sam2_coil7_Ndata_mean vs Slug



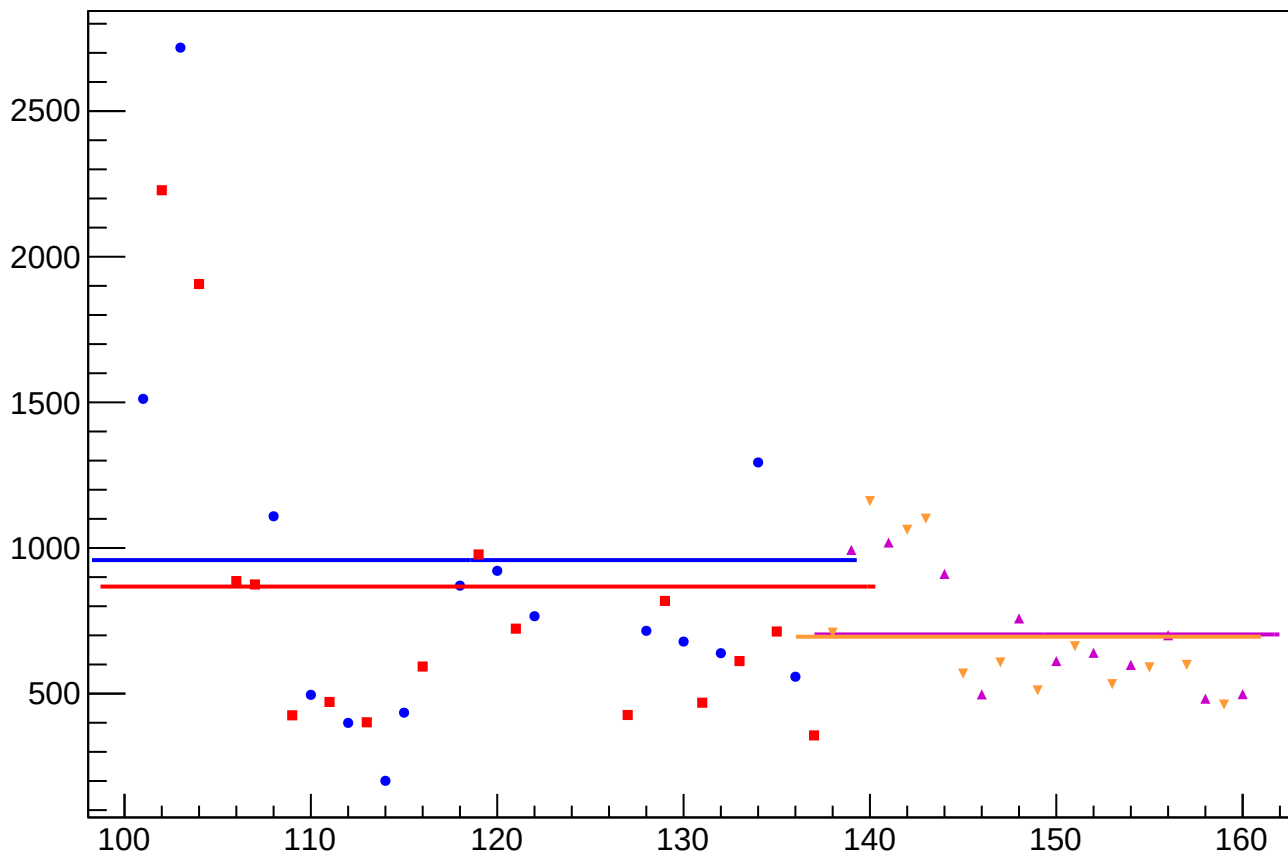
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3312.000+/-0.000 χ^2/NDF : 776933675153970093414497932746986356736.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

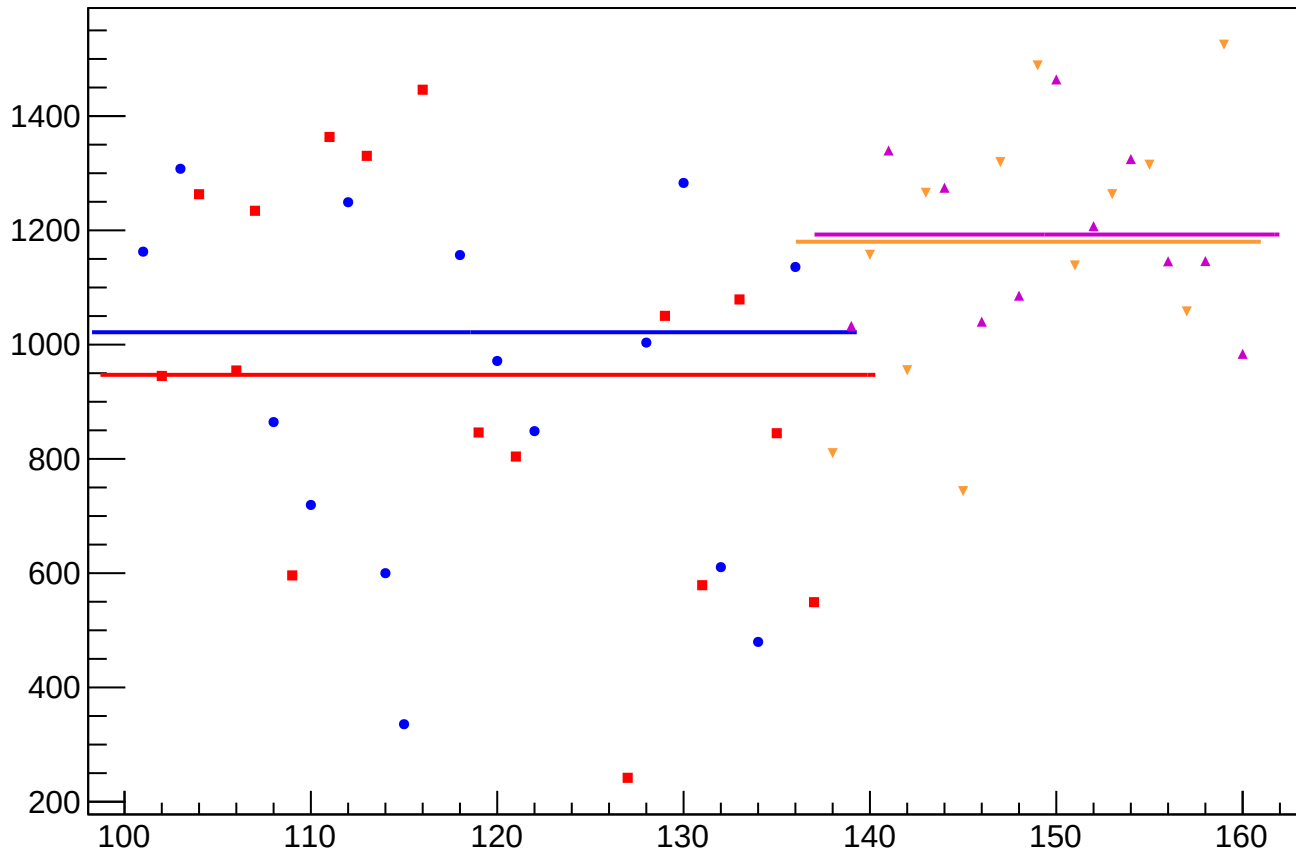
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

All: 788.186+/-0.000 χ^2/NDF : 598468024963

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

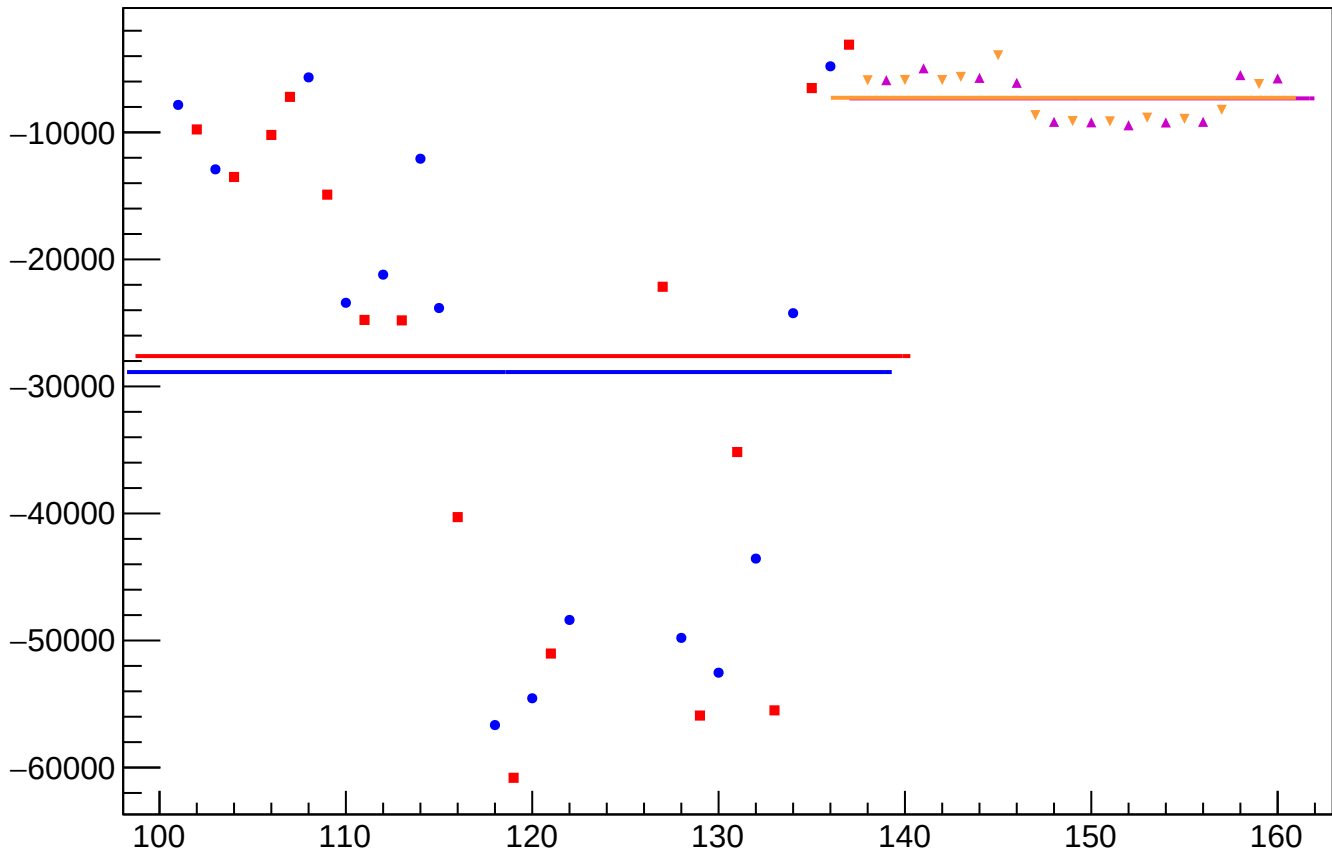
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

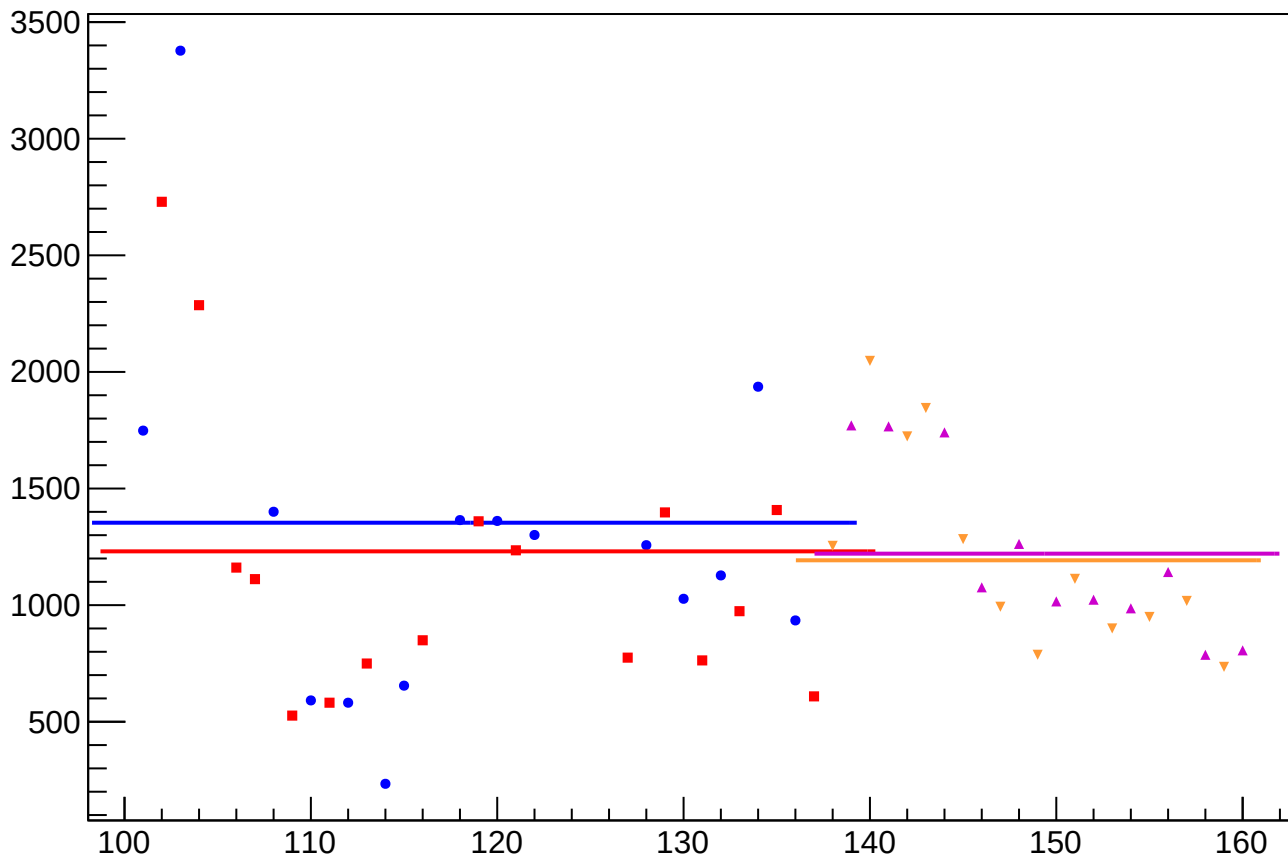
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

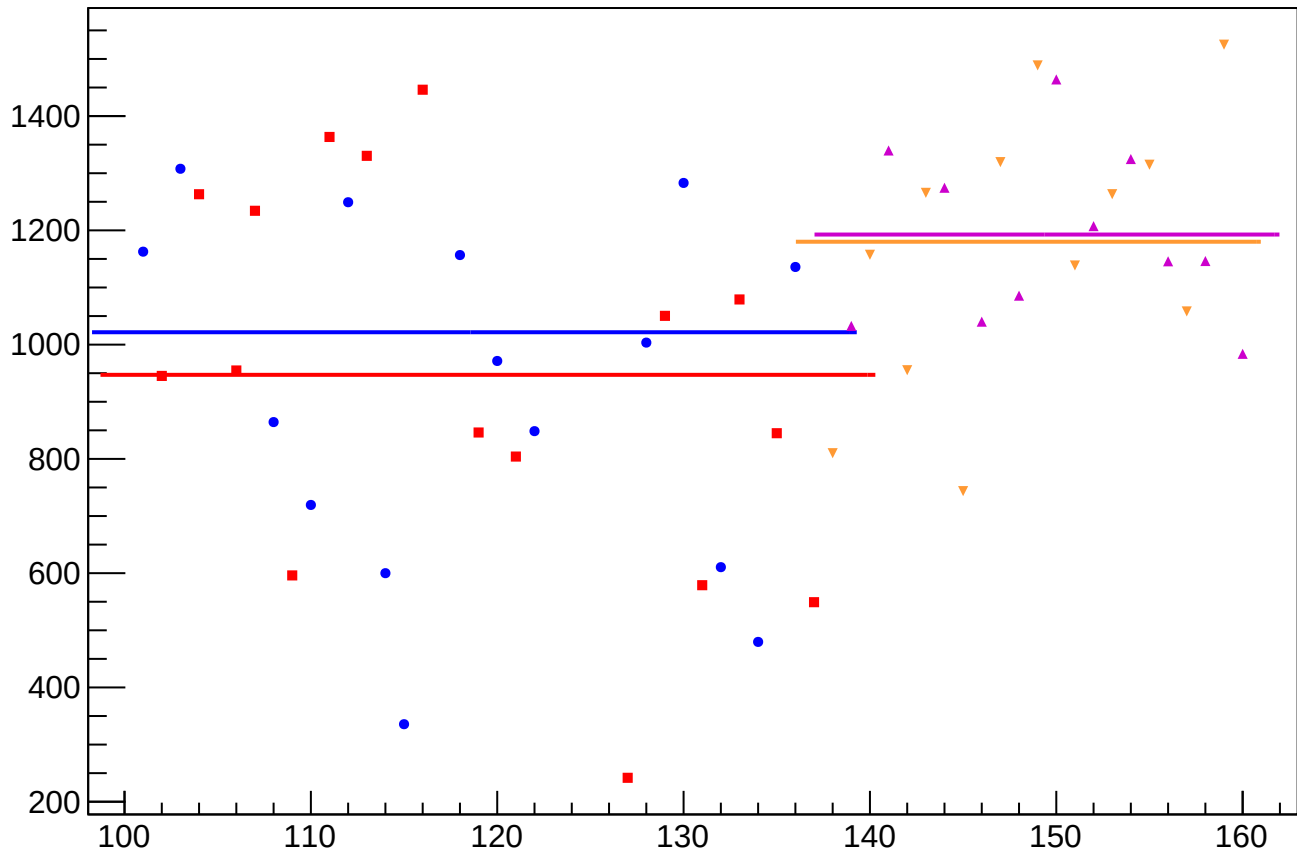
Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

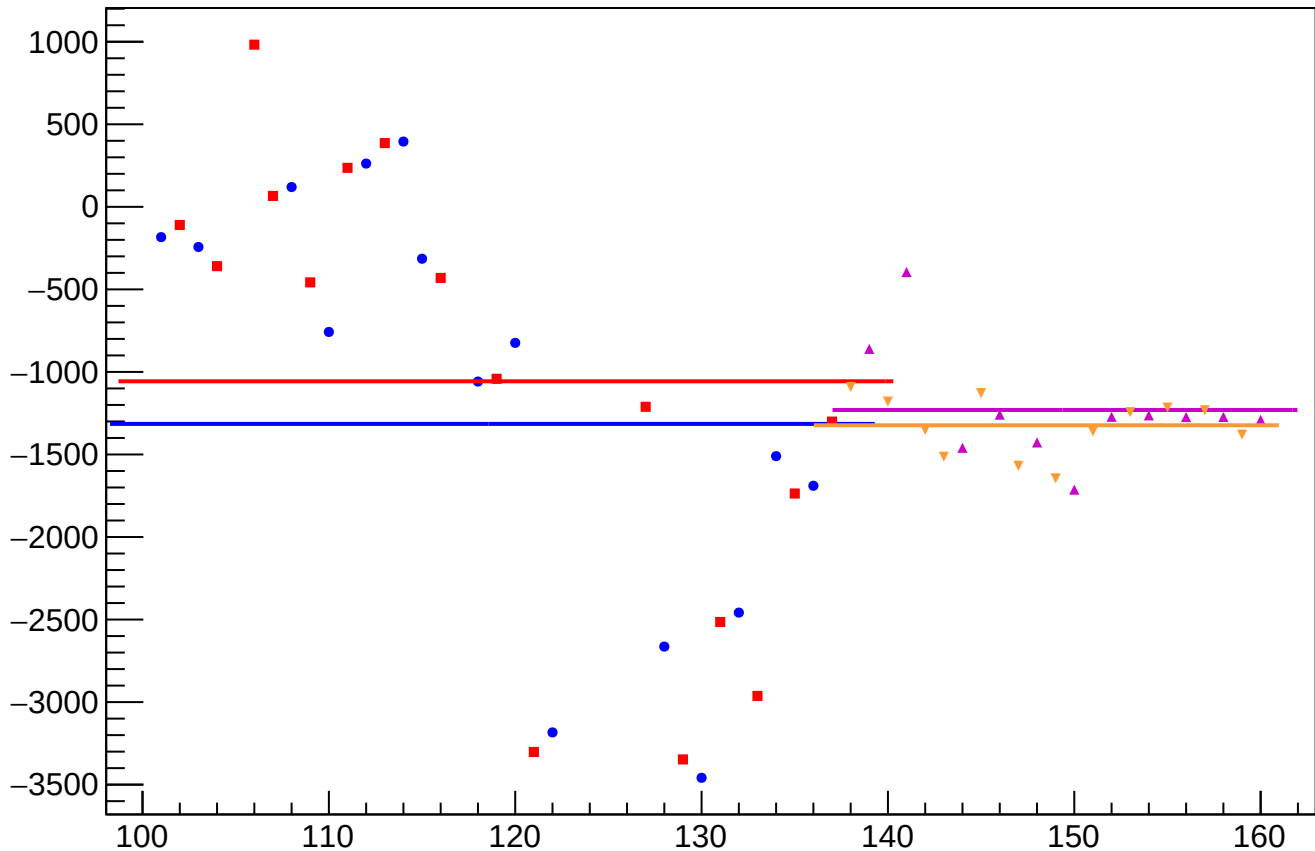
All: 1241.889+/-0.000 χ^2/NDF : 90788694347

dit_sam4_coil7_Ndata_mean vs Slug



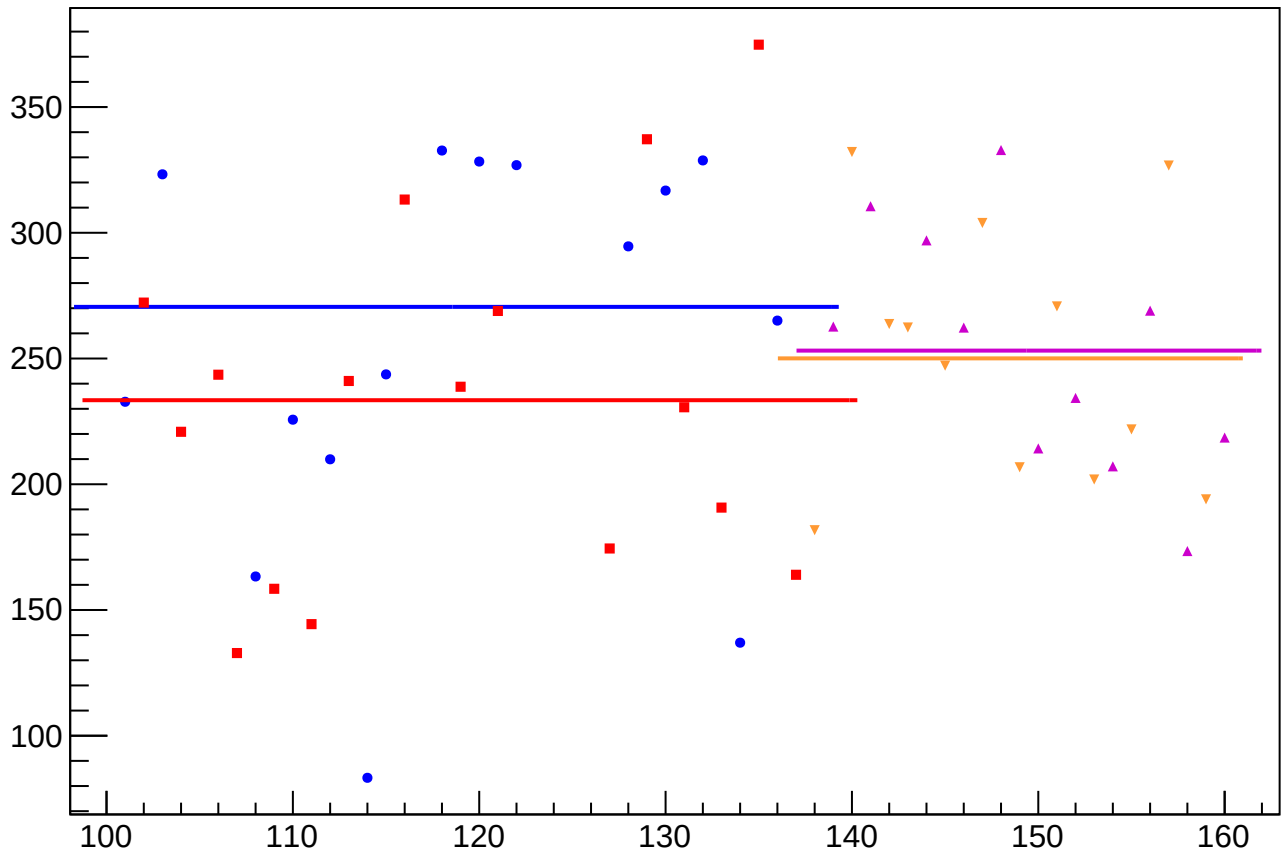
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1323.142 ± 0.000 χ^2/NDF : 27180584789293911694803613303409999872.0/11
 Right Out: -1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: -1230.430 ± 0.000 χ^2/NDF : 100431691068850056086409132460520505344.0/10

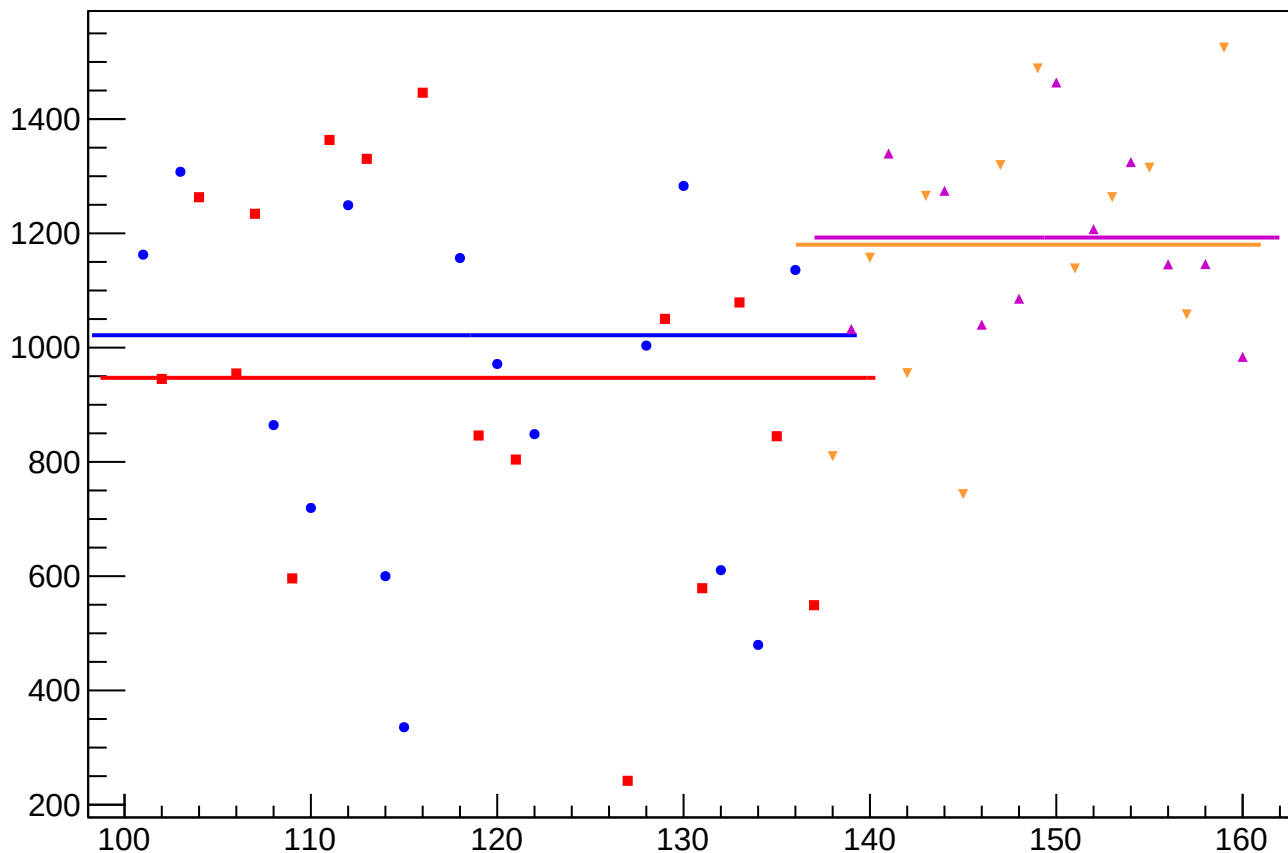
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 250.055+/-0.000	χ^2/NDF : 2329396041694824766683600755668025344.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

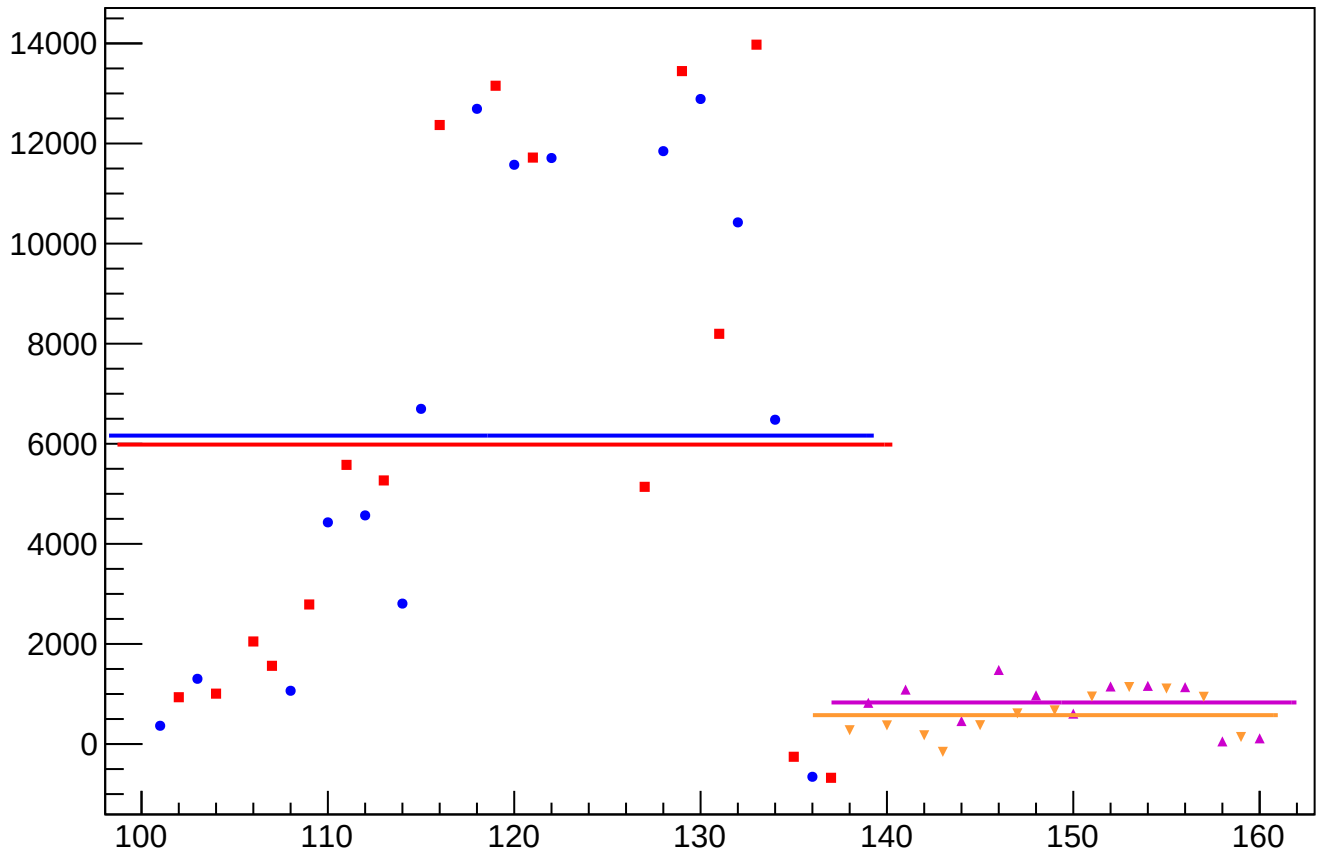
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

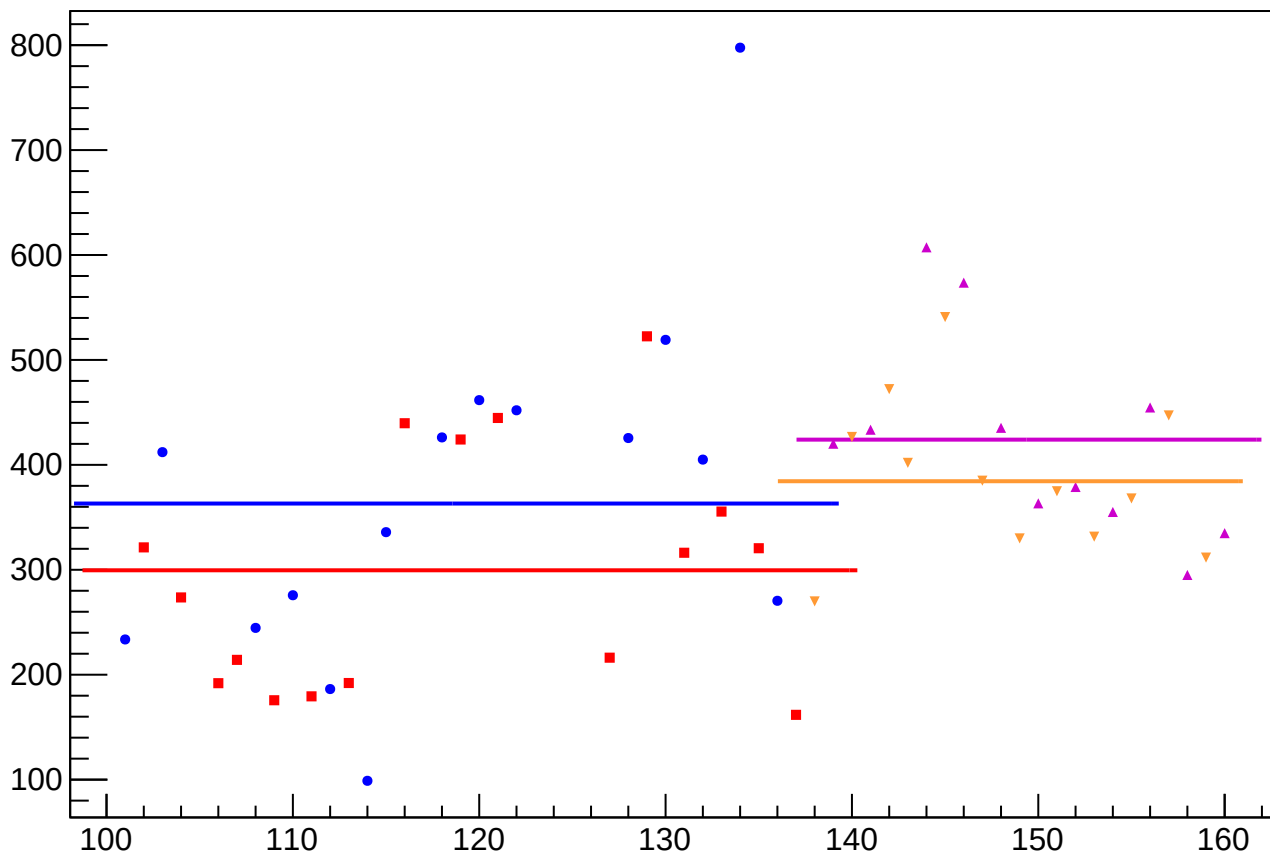
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

dit_sam6_coil7_err_mean vs Slug



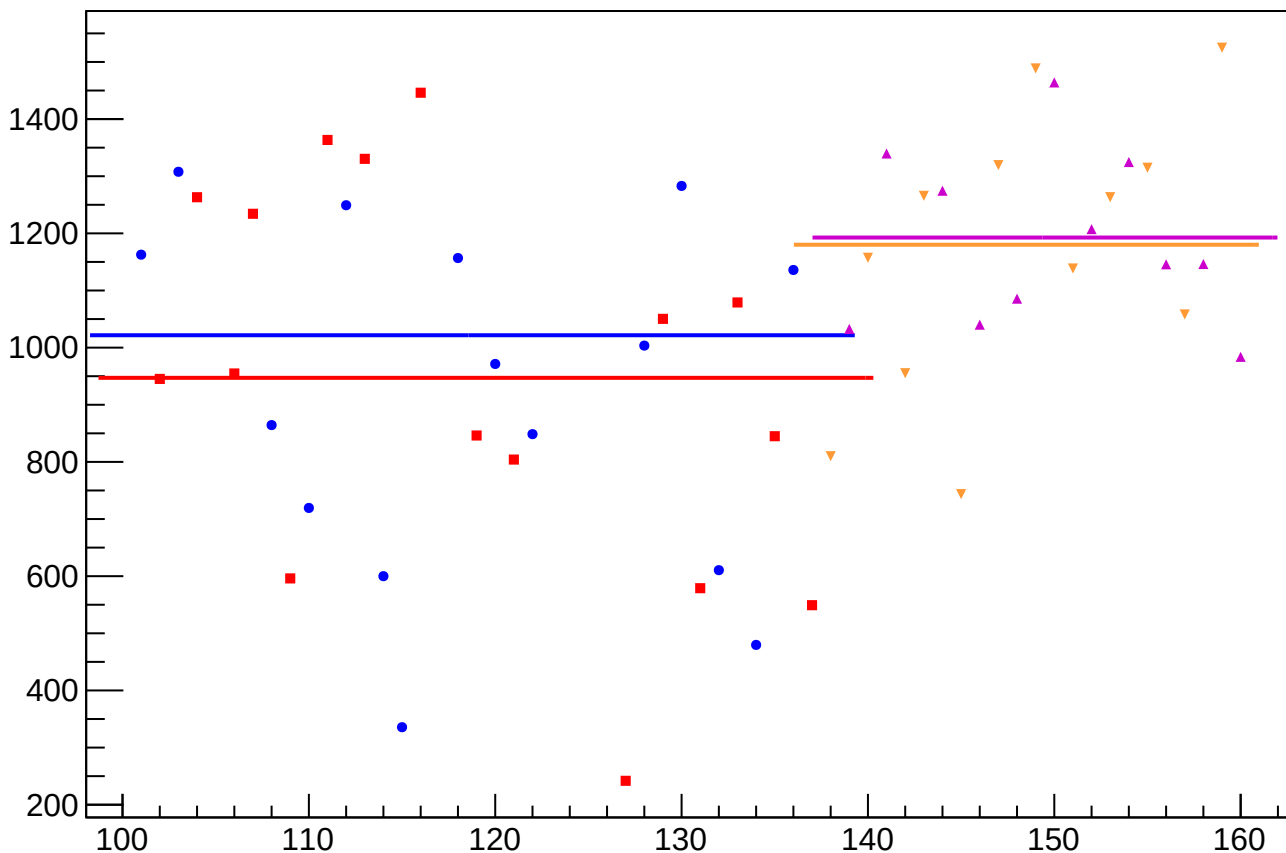
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 384.397+/-0.000 χ^2/NDF : 4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 424.034+/-0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

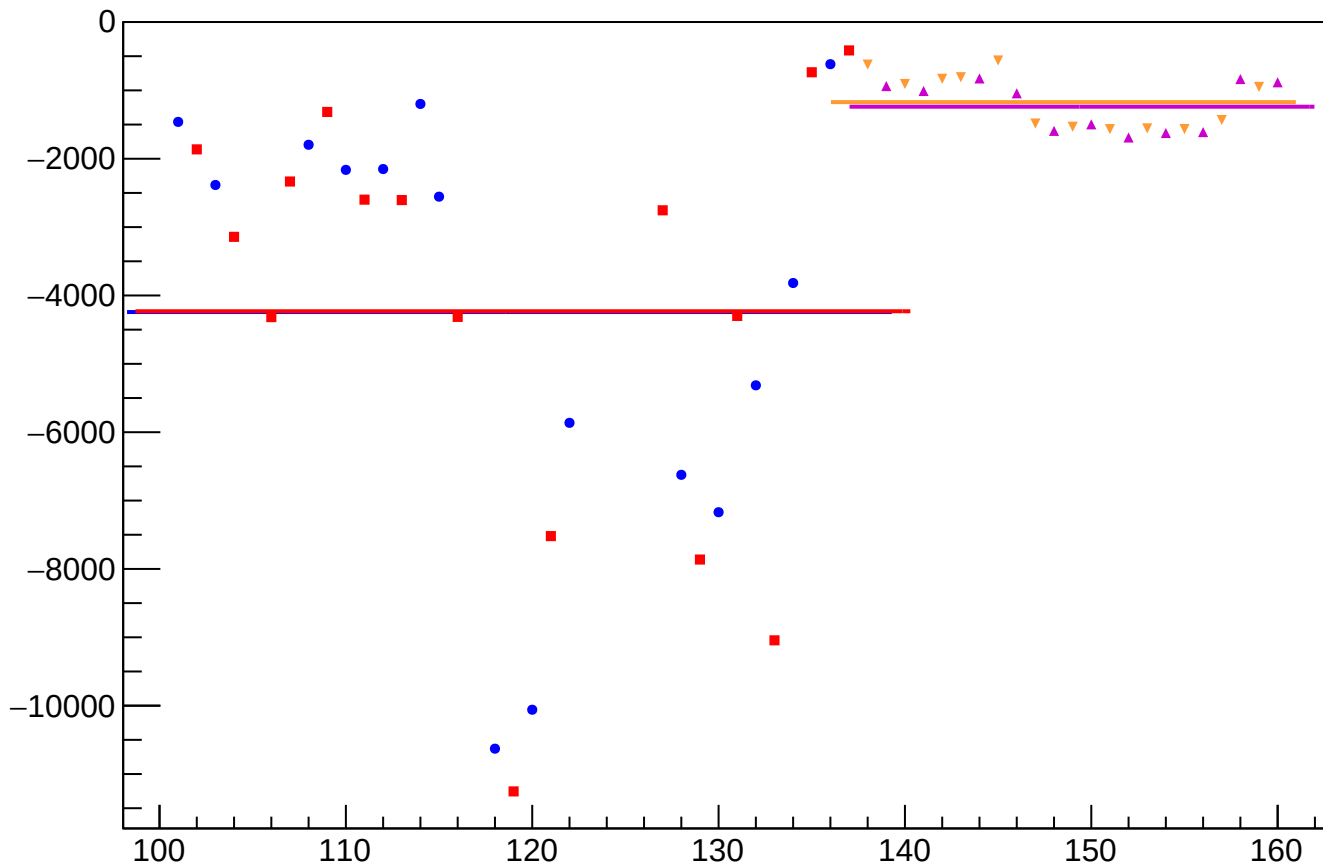
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

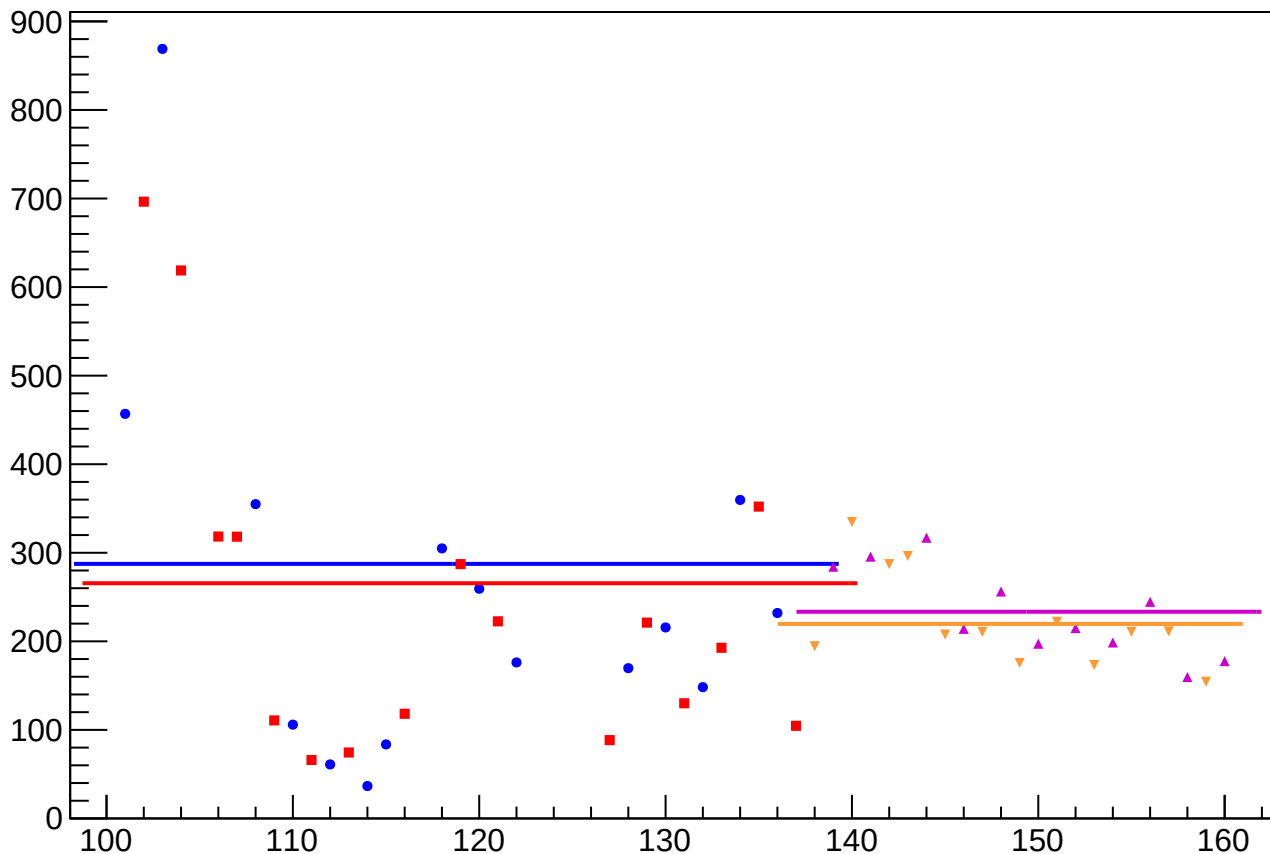
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1171.784+/-0.000 χ^2/NDF : 137401425112319786783295403719378599936.0/11
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1238.776+/-0.000 χ^2/NDF : 111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

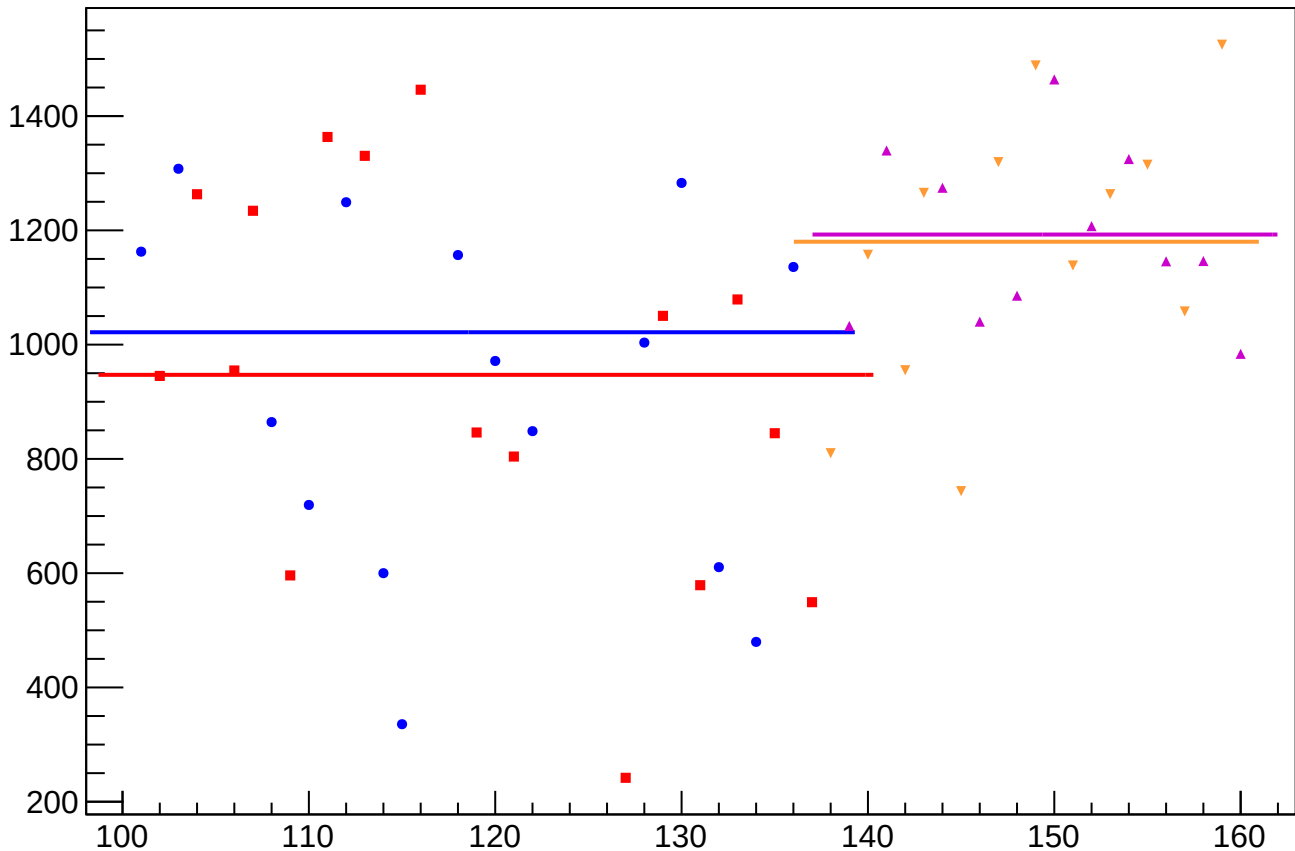
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

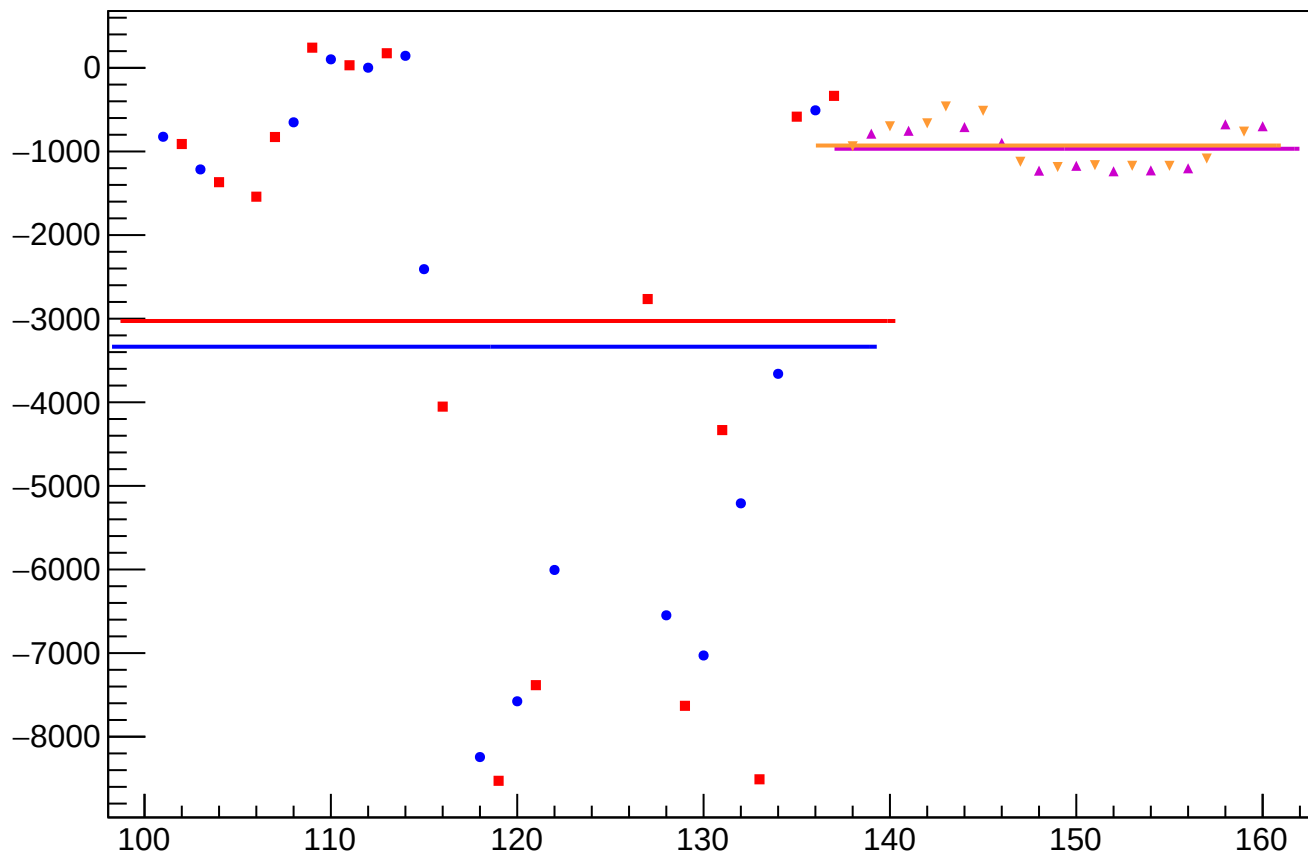
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



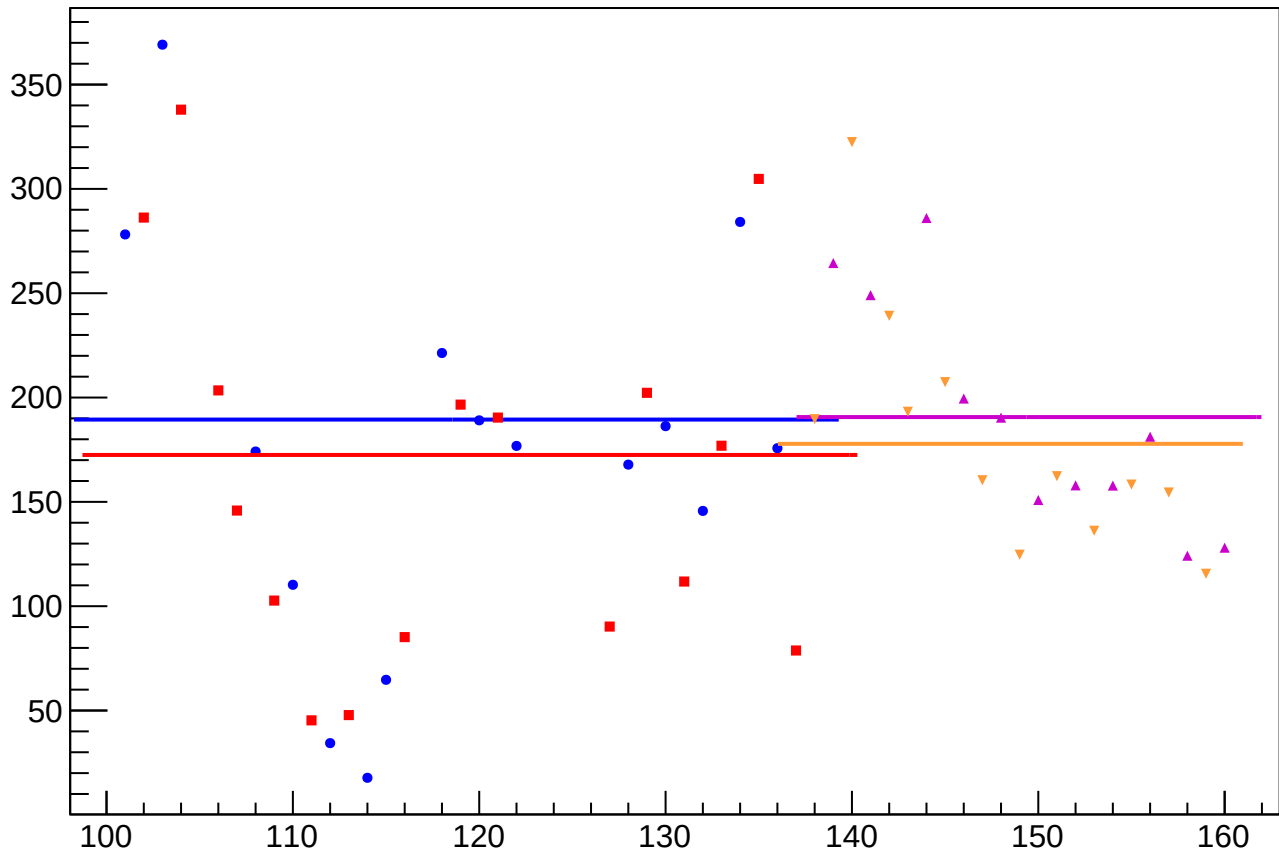
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



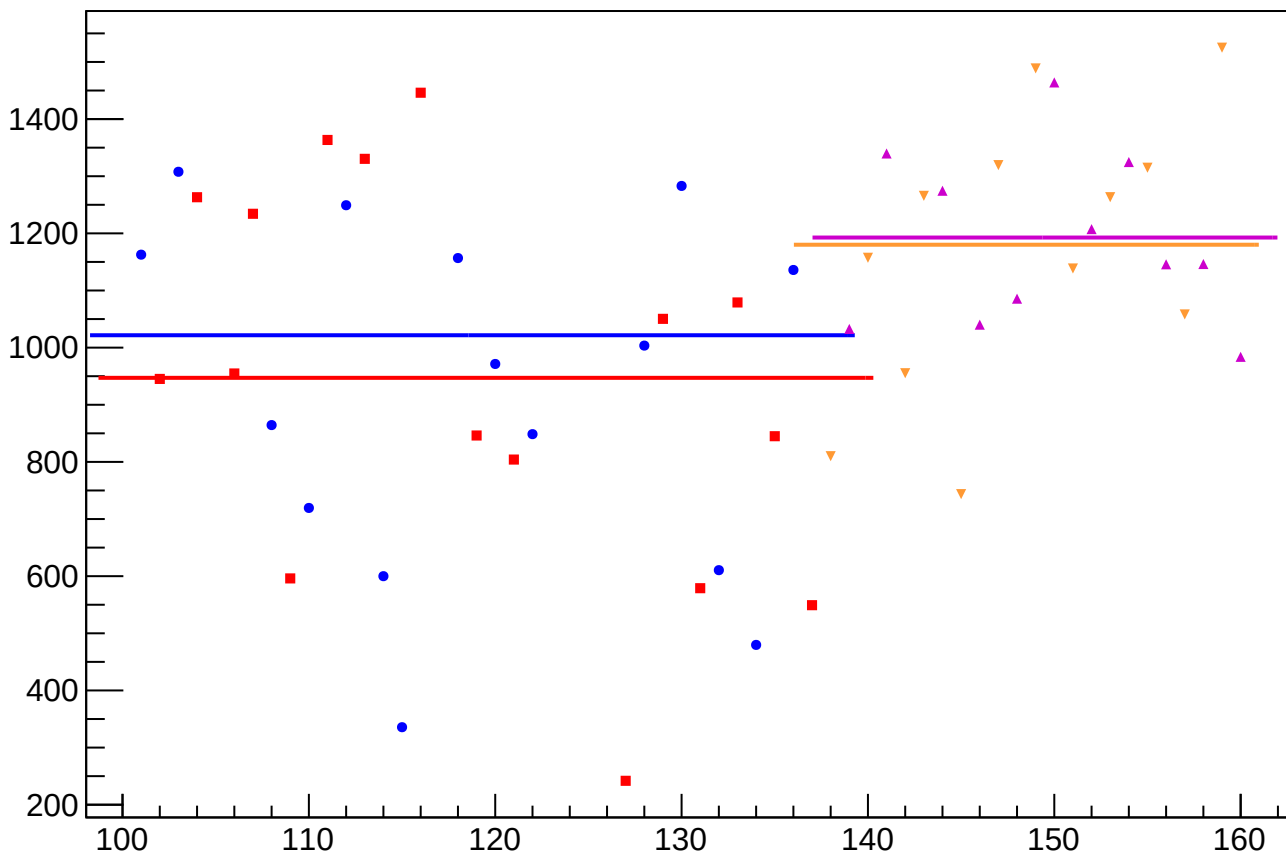
Right In: -3335.273 ± 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -928.862 ± 0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 Right Out: -3027.603 ± 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -967.568 ± 0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14
 Left Out: 177.811 $\pm$ 0.000 χ^2 /NDF: 2793392529927944860081581234505908224.0/11
 Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15
 Left In: 190.641 $\pm$ 0.000 χ^2 /NDF: 2536070386684067132001548898091925504.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

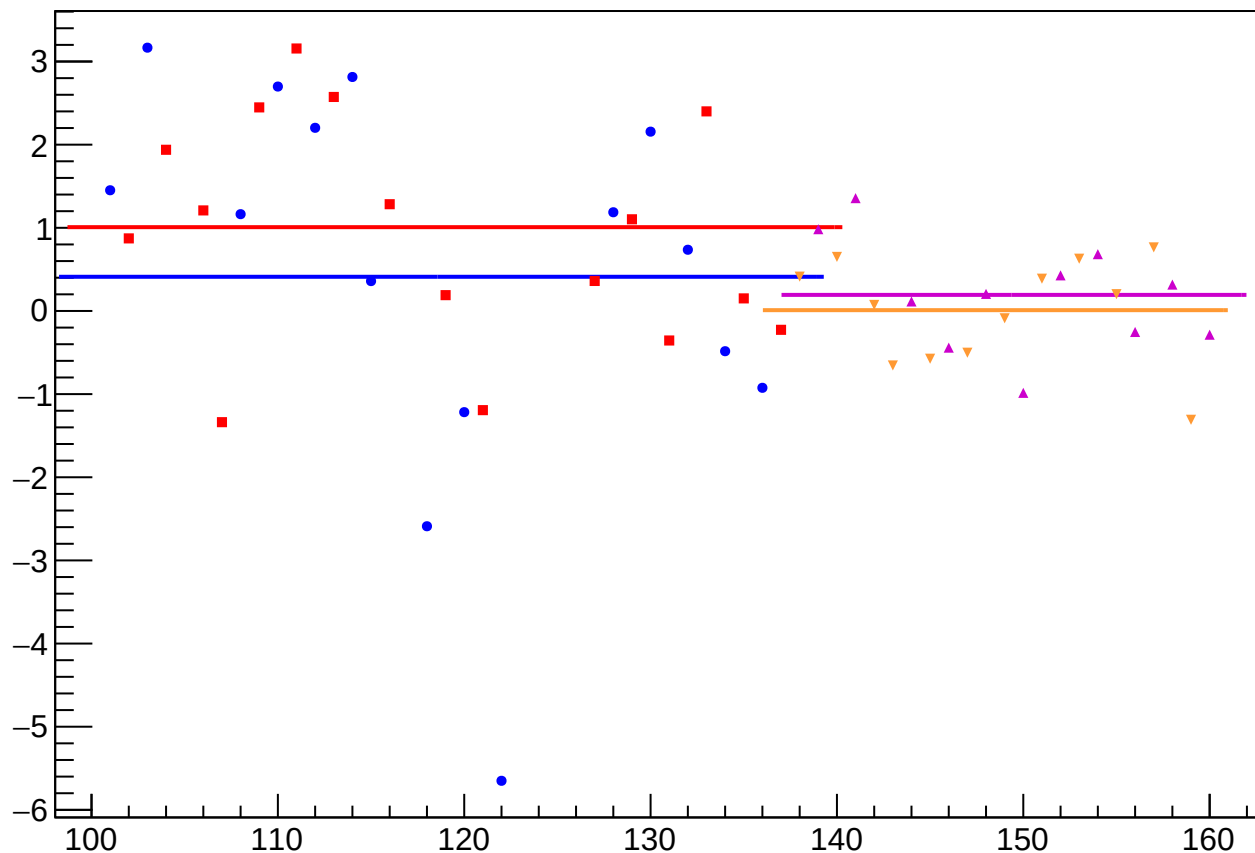
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000

χ^2/NDF : 3385573506255563170053089820409856.0/14

Left Out: 0.010+/-0.000

χ^2/NDF : 354573516648160349272665694928896.0/11

Right Out: 1.008+/-0.000

χ^2/NDF : 1128402228144096394498047410700288.0/15

Left In: 0.193+/-0.000

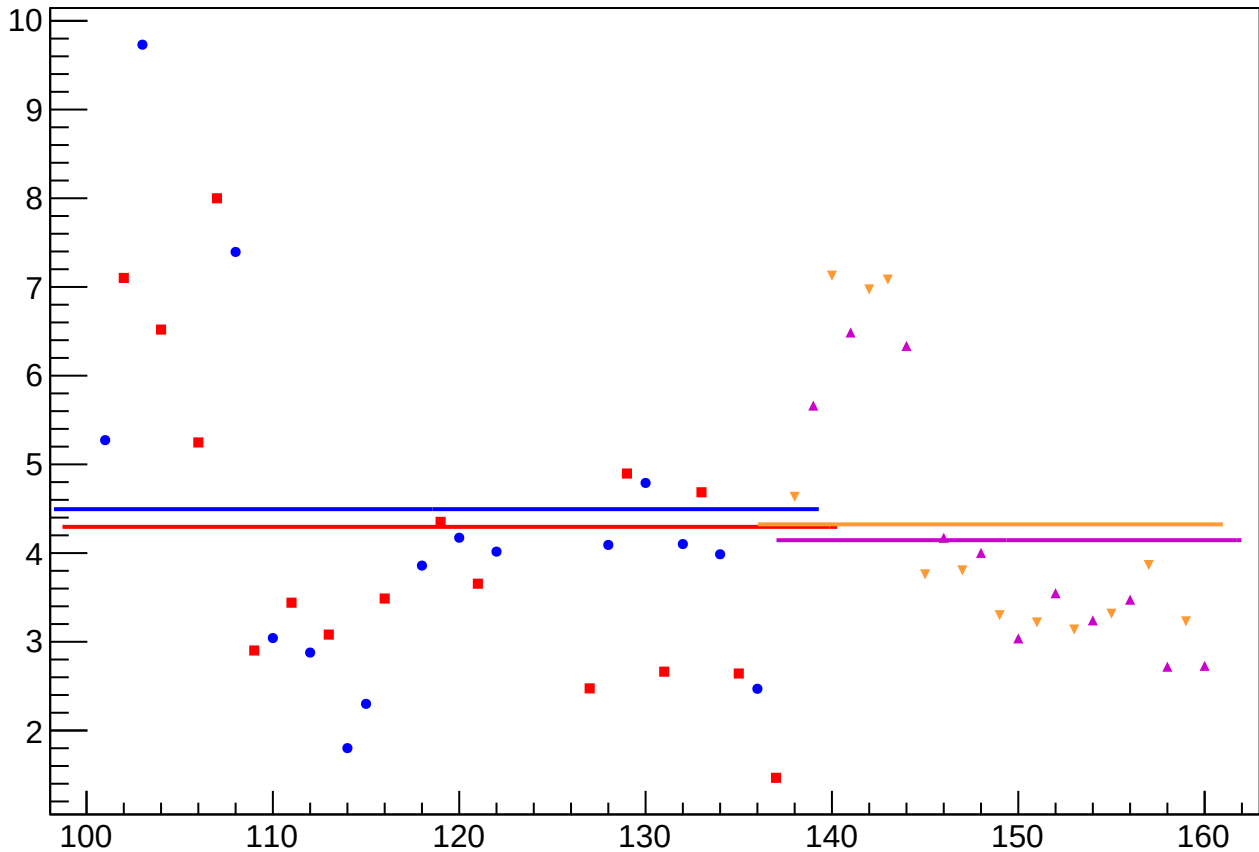
χ^2/NDF : 386133523330033860307880234713088.0/10

+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763

All: 0.357+/-0.000 χ^2/NDF : 56741679110622

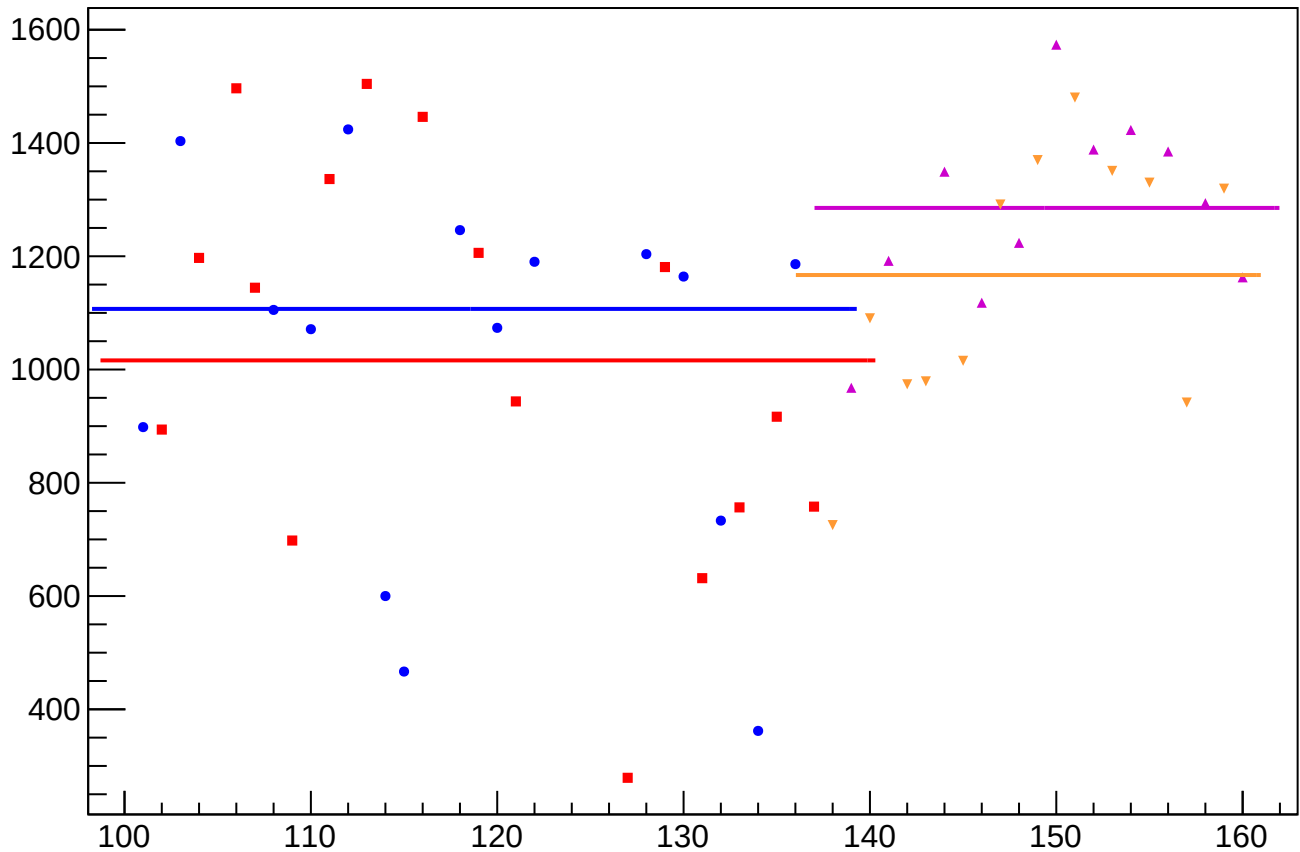
- sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



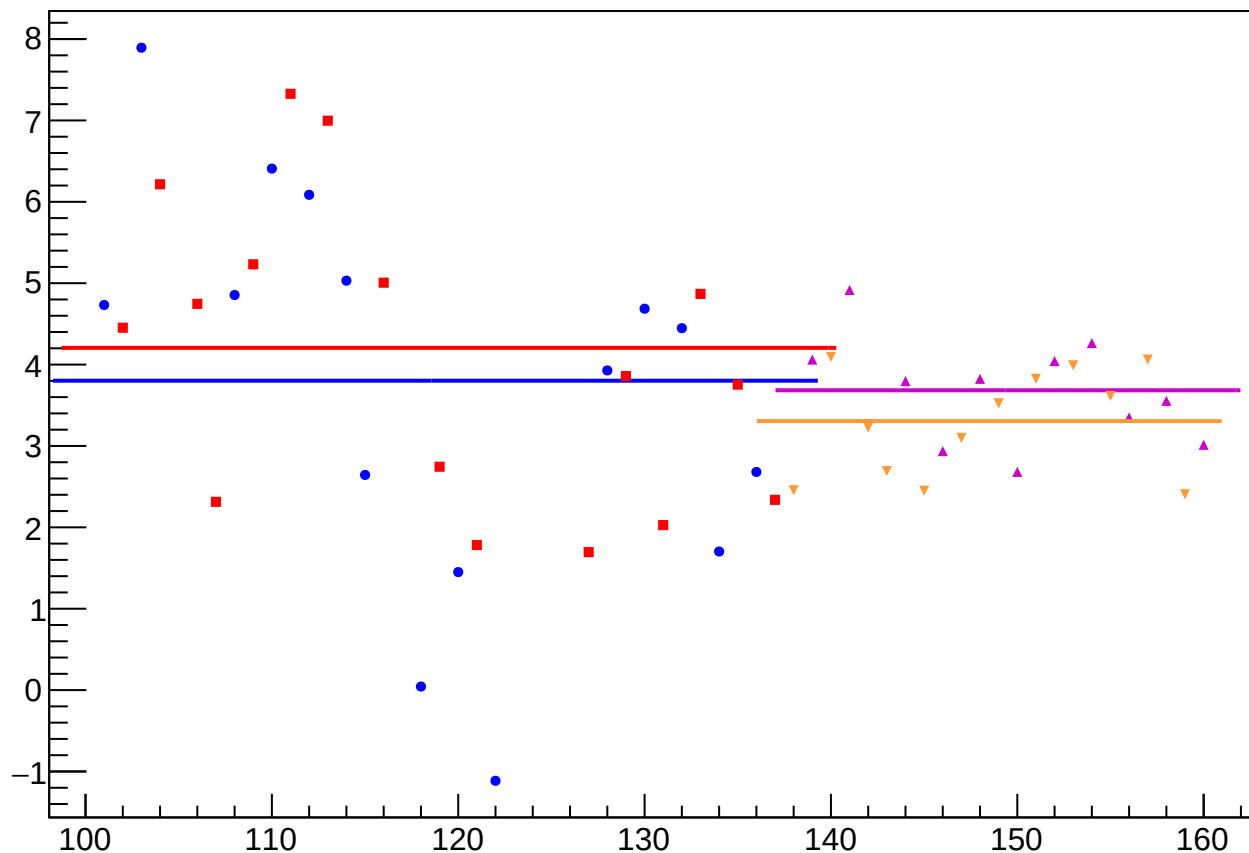
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

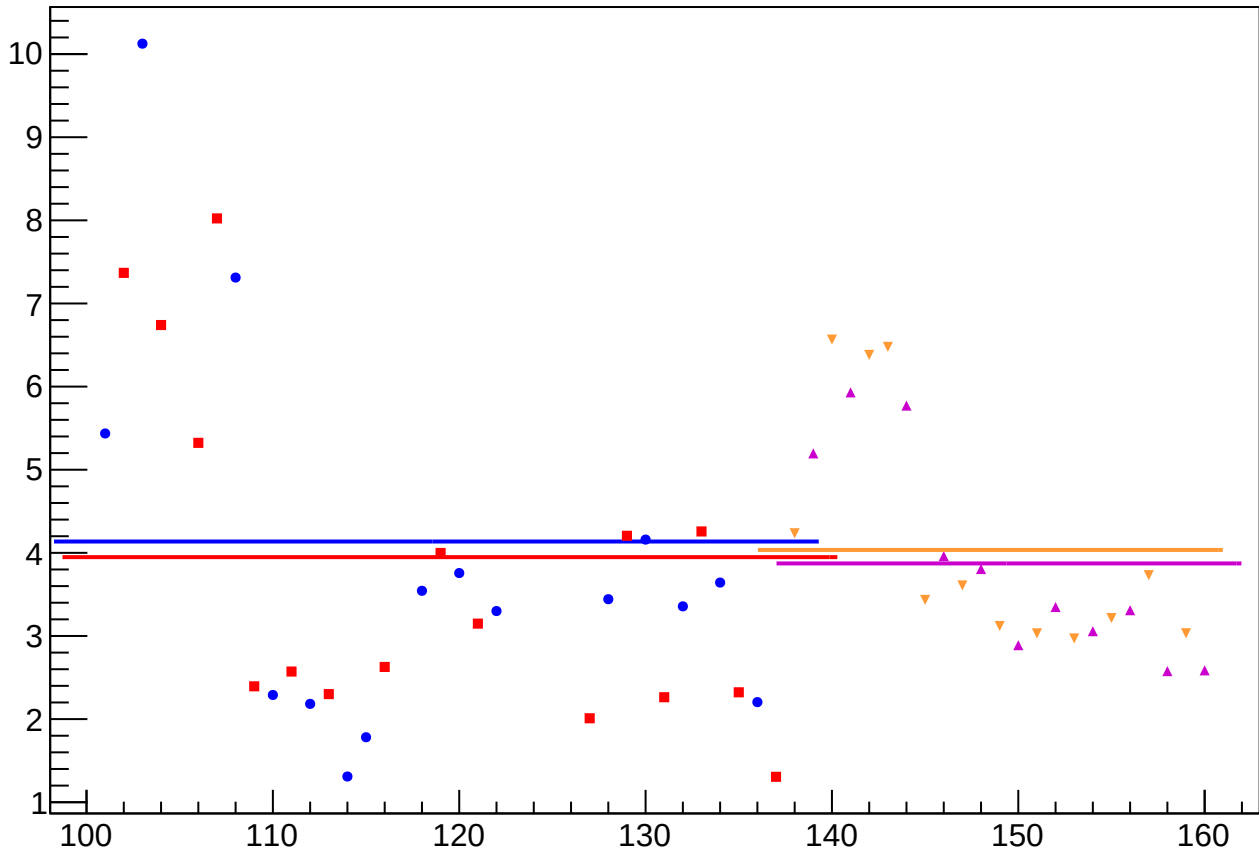
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10

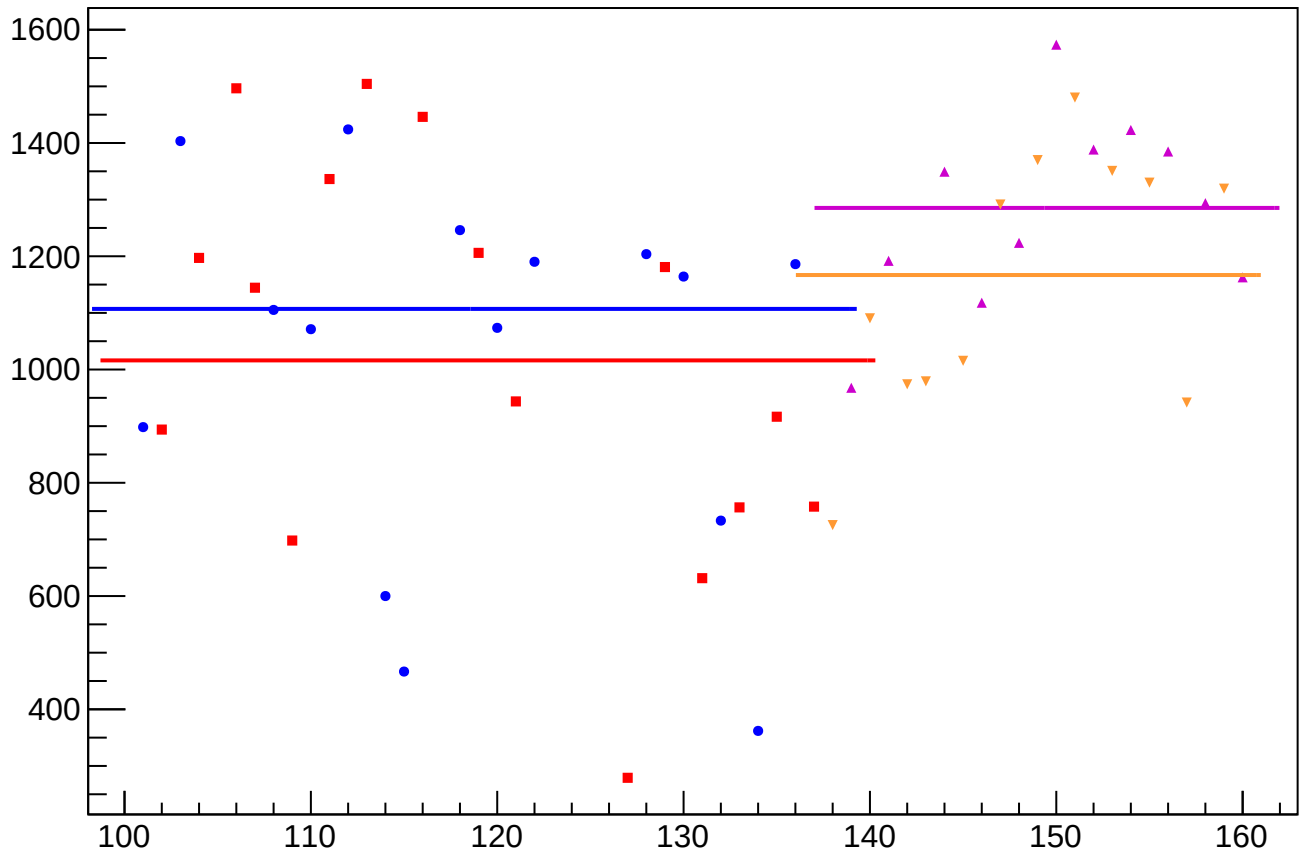
+ sign 3.512+/-0.000 χ^2/NDF : 42645411605619782
 All: 3.709+/-0.000 χ^2/NDF : 6952977853900
 - sign 3.903+/-0.000 χ^2/NDF : 25677839447530972

dit_4eX_coil4_err_mean vs Slug

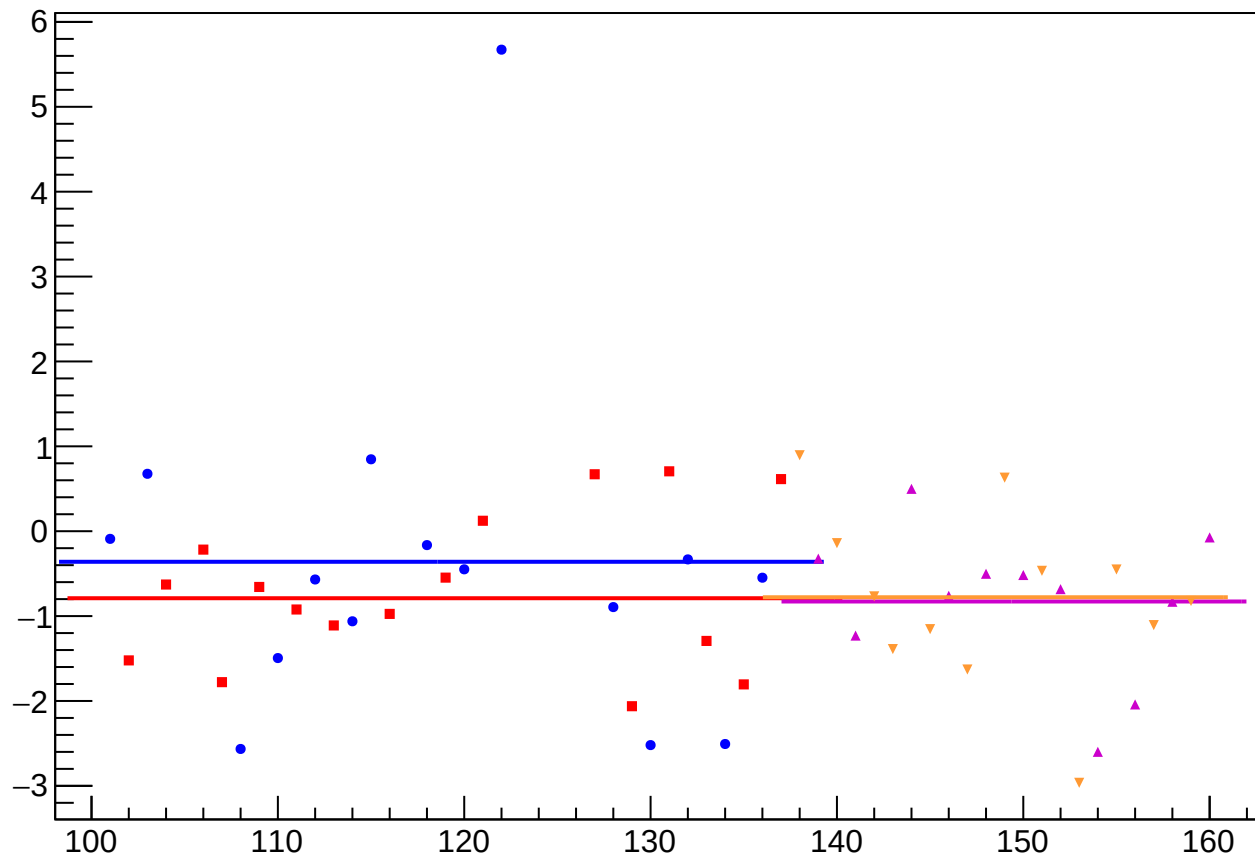


Right In: 4.136 ± 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.035 ± 0.000 χ^2/NDF : 1609299061352578548486150138363904.0/11
 Right Out: 3.948 ± 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 3.873 ± 0.000 χ^2/NDF : 1278598291391127694323835331411968.0/10

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



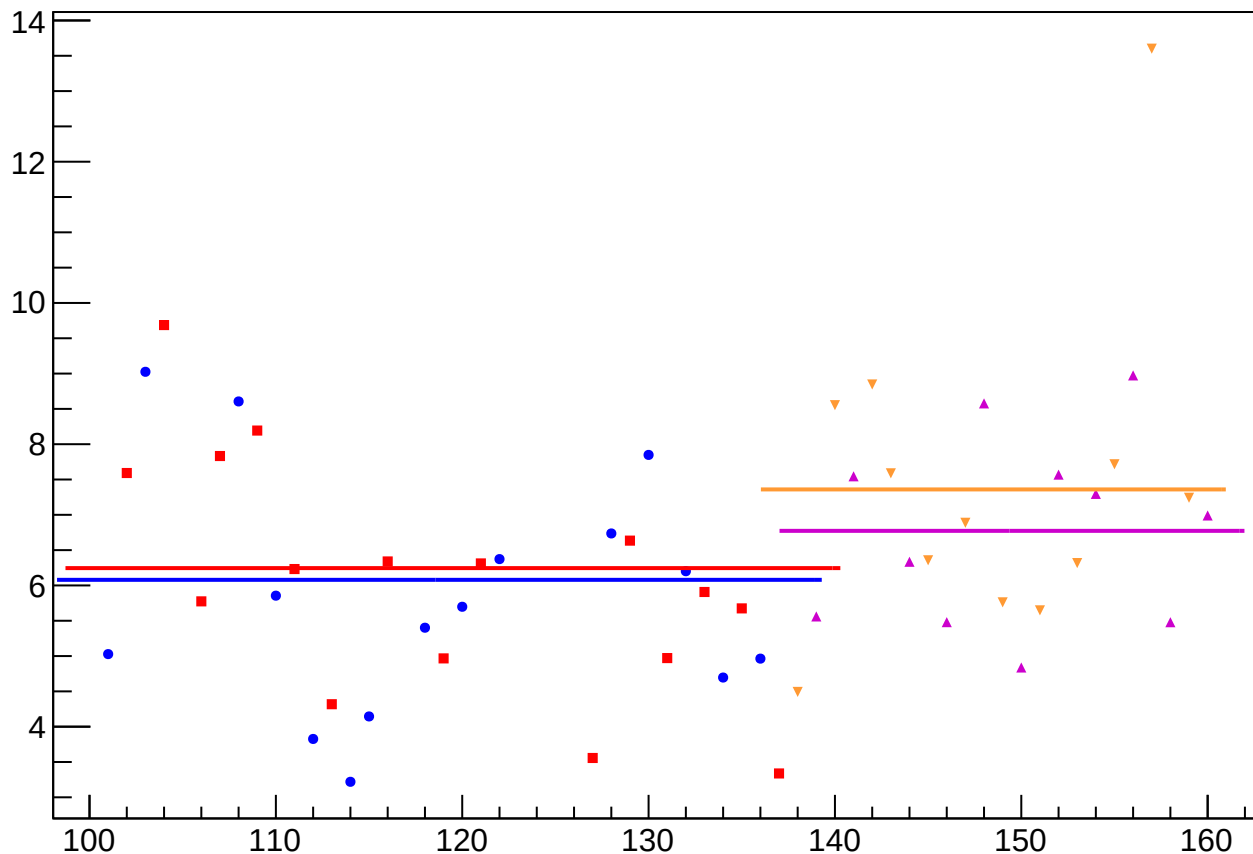
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778+/-0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828+/-0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000 χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

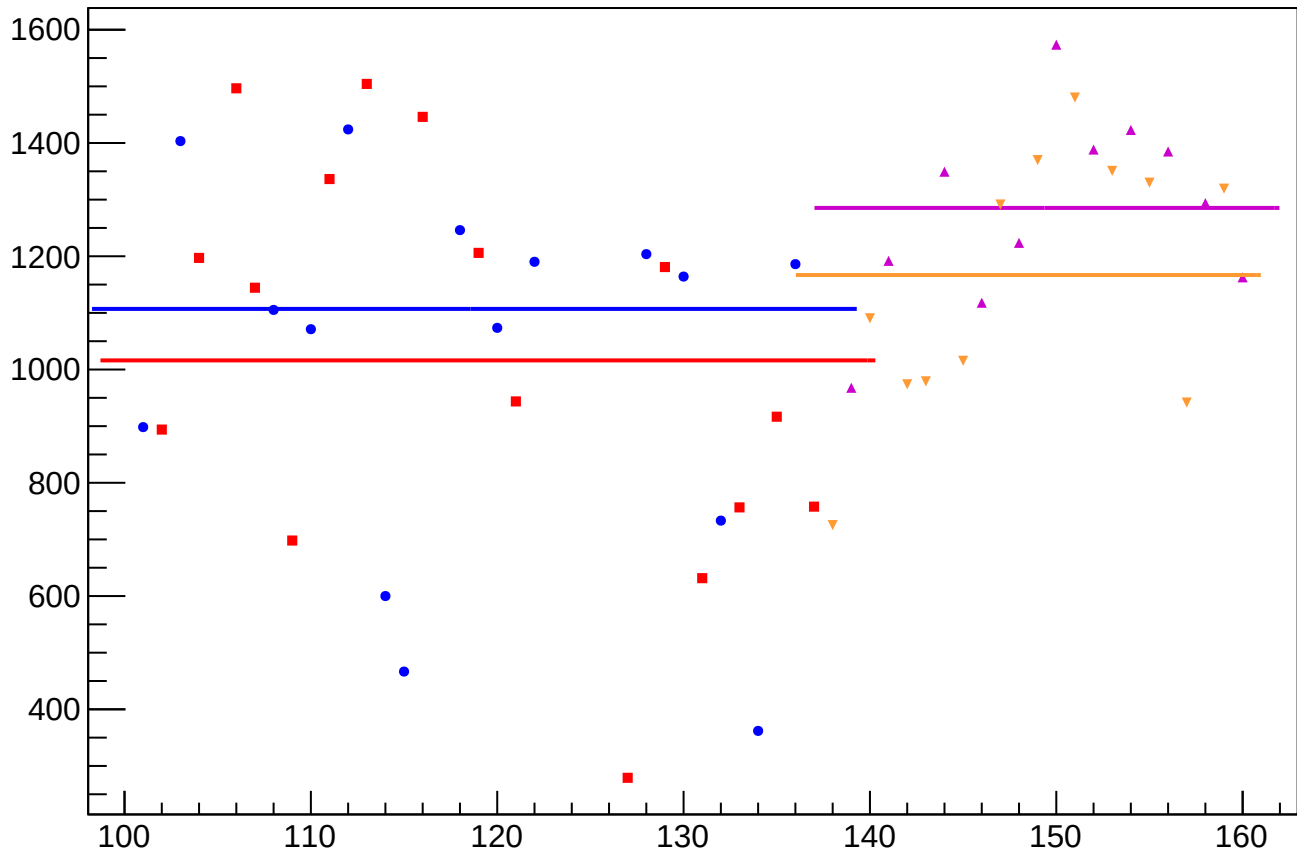
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

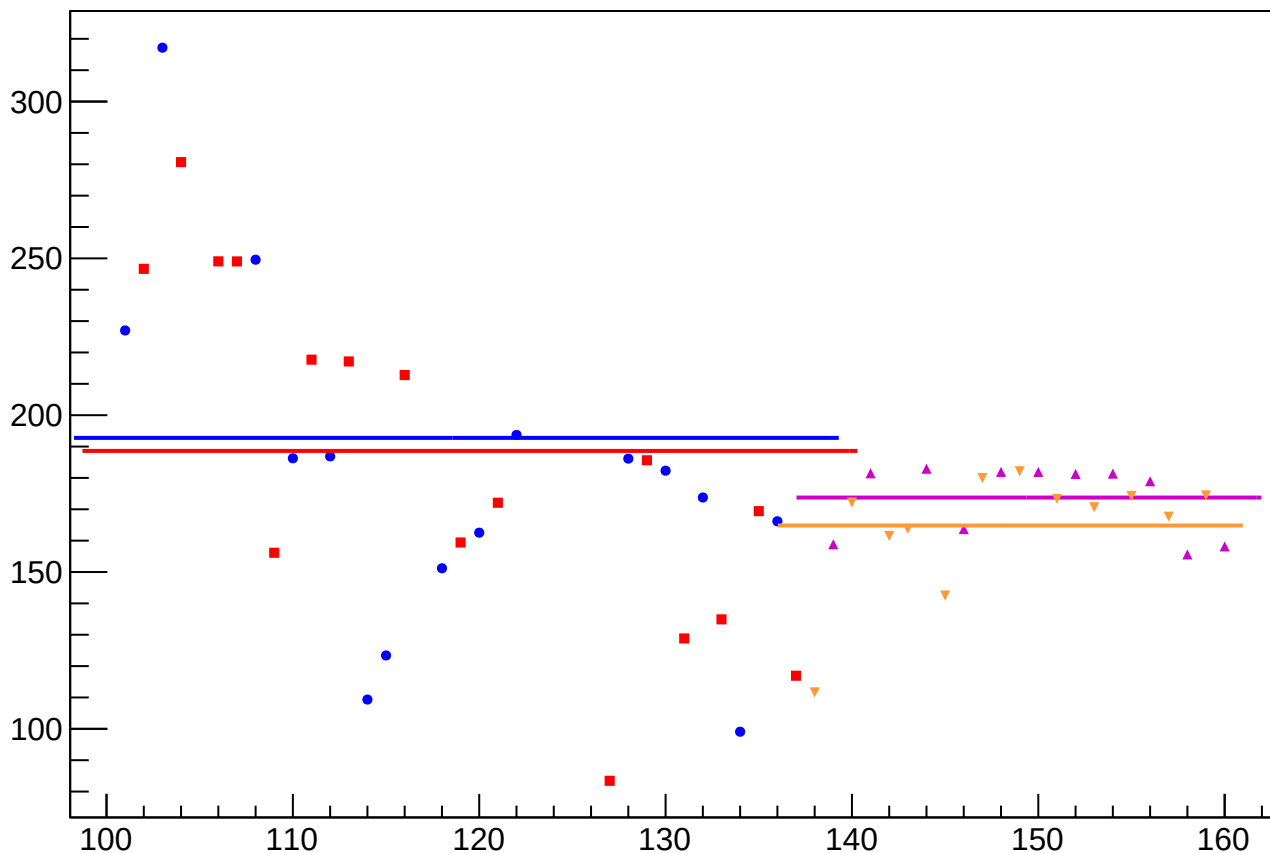
- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1142.031 $\pm$ 0.000	χ^2/NDF : 86643588377316
Left Out: 1166.869 $\pm$ 0.000	χ^2/NDF : 44651845589529754769451964140544327680.0/11	All: 1157.392 $\pm$ 0.000	χ^2/NDF : 21202911442
Right Out: 1016.106 $\pm$ 0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1172.482 $\pm$ 0.000	χ^2/NDF : 12465444911625
Left In: 1285.364 $\pm$ 0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10		

dit_4aY_coil4_mean vs Slug



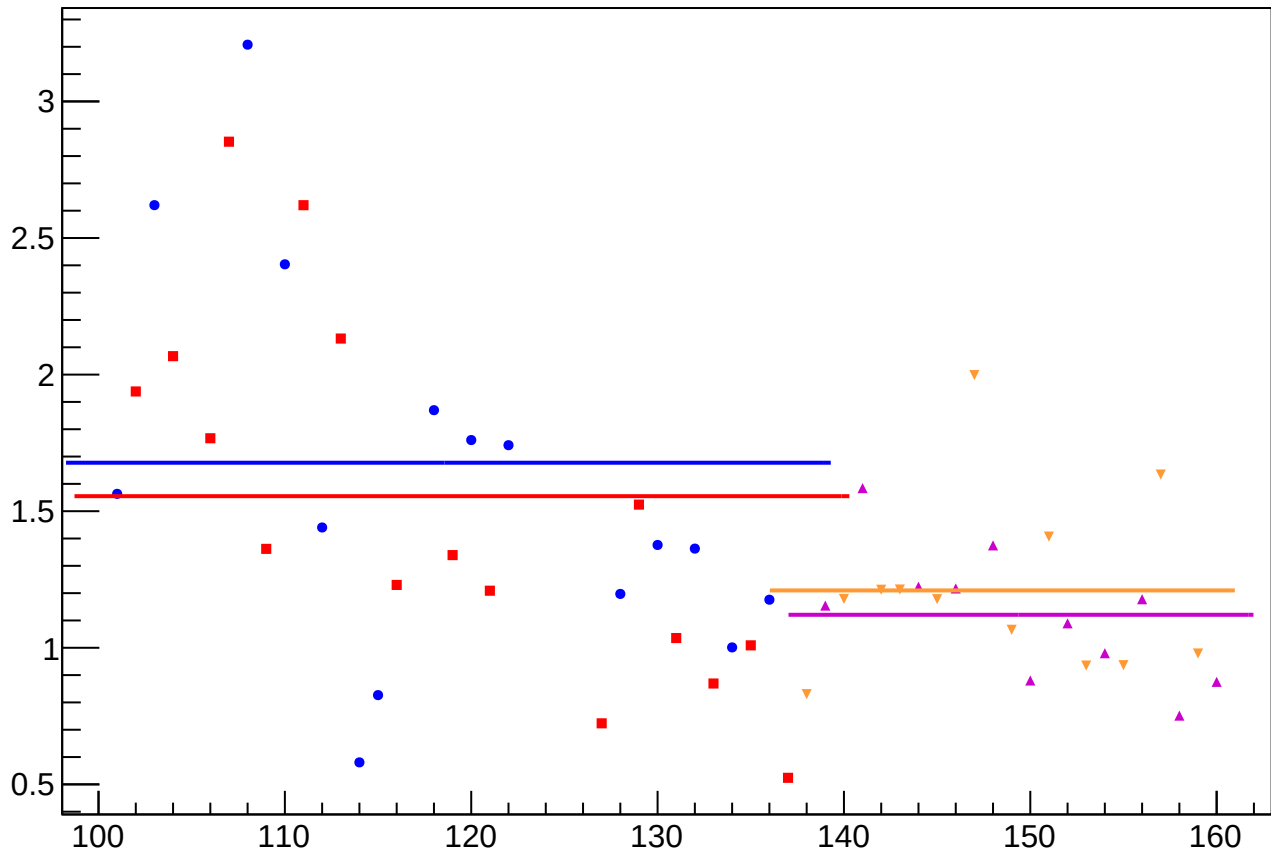
Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.832 $\pm$ 0.000 χ^2 /NDF: 331248867631864480349687016910225408.0/11

Right Out: 188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15

Left In: 173.738 $\pm$ 0.000 χ^2 /NDF: 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



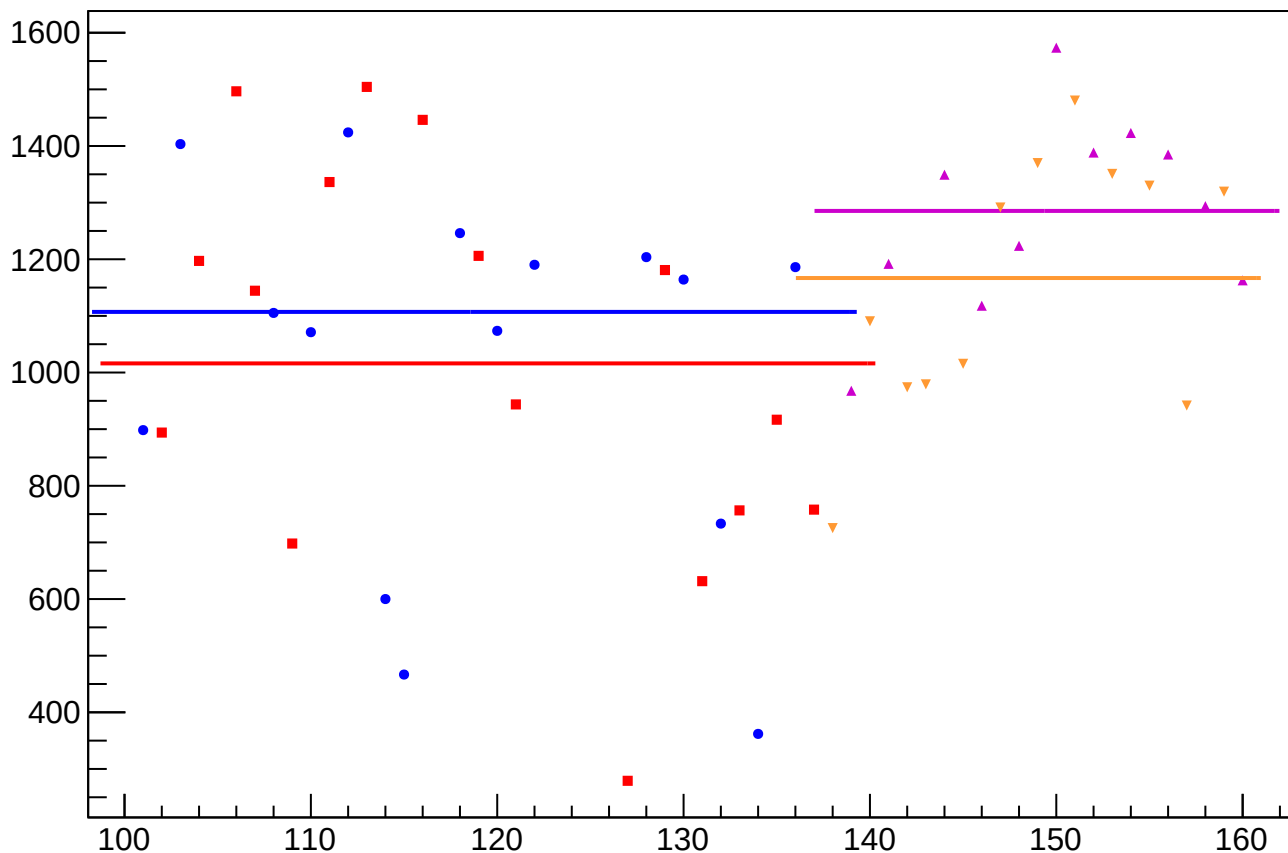
Right In: 1.677 ± 0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.210 ± 0.000 χ^2/NDF : 95500502458420026672384705560576.0/11

Right Out: 1.555 ± 0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

Left In: 1.121 ± 0.000 χ^2/NDF : 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

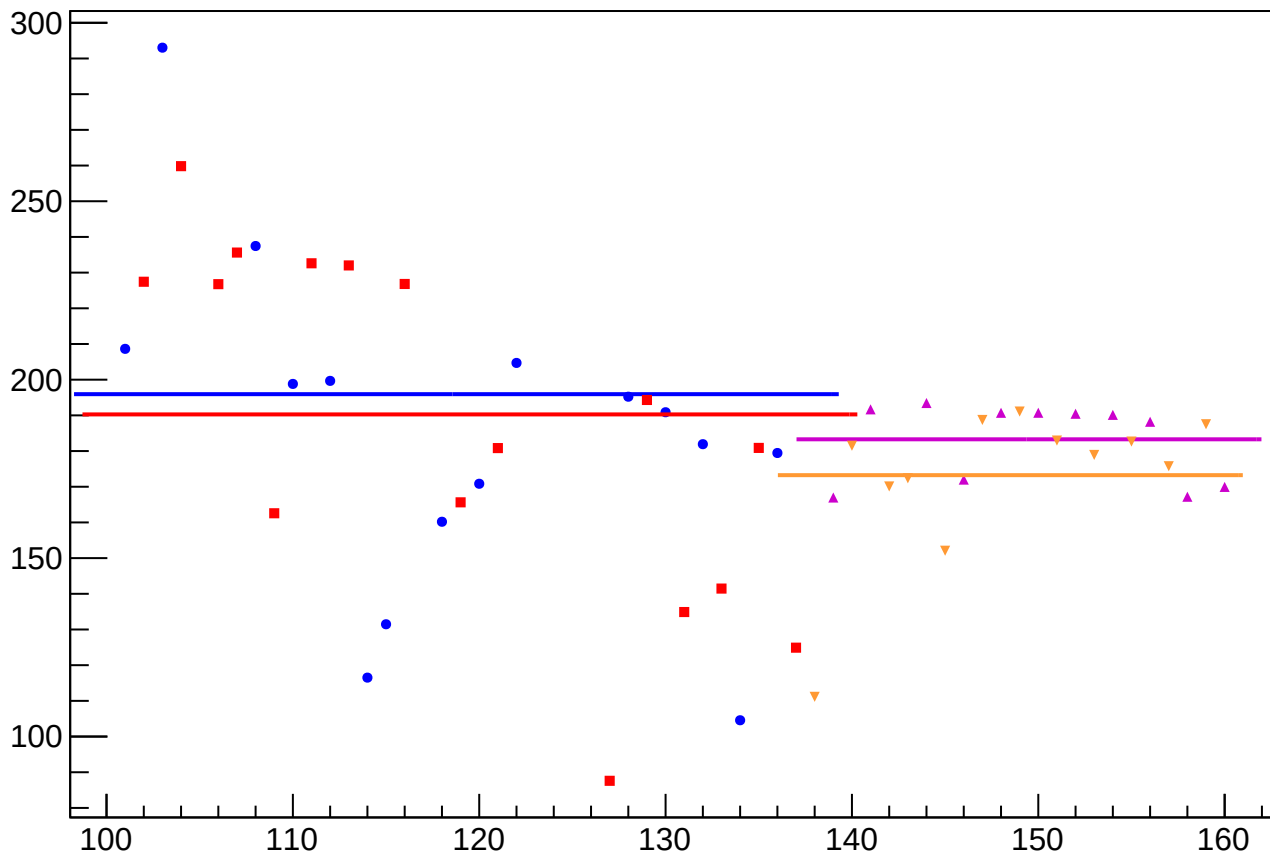
Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316
All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442
- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

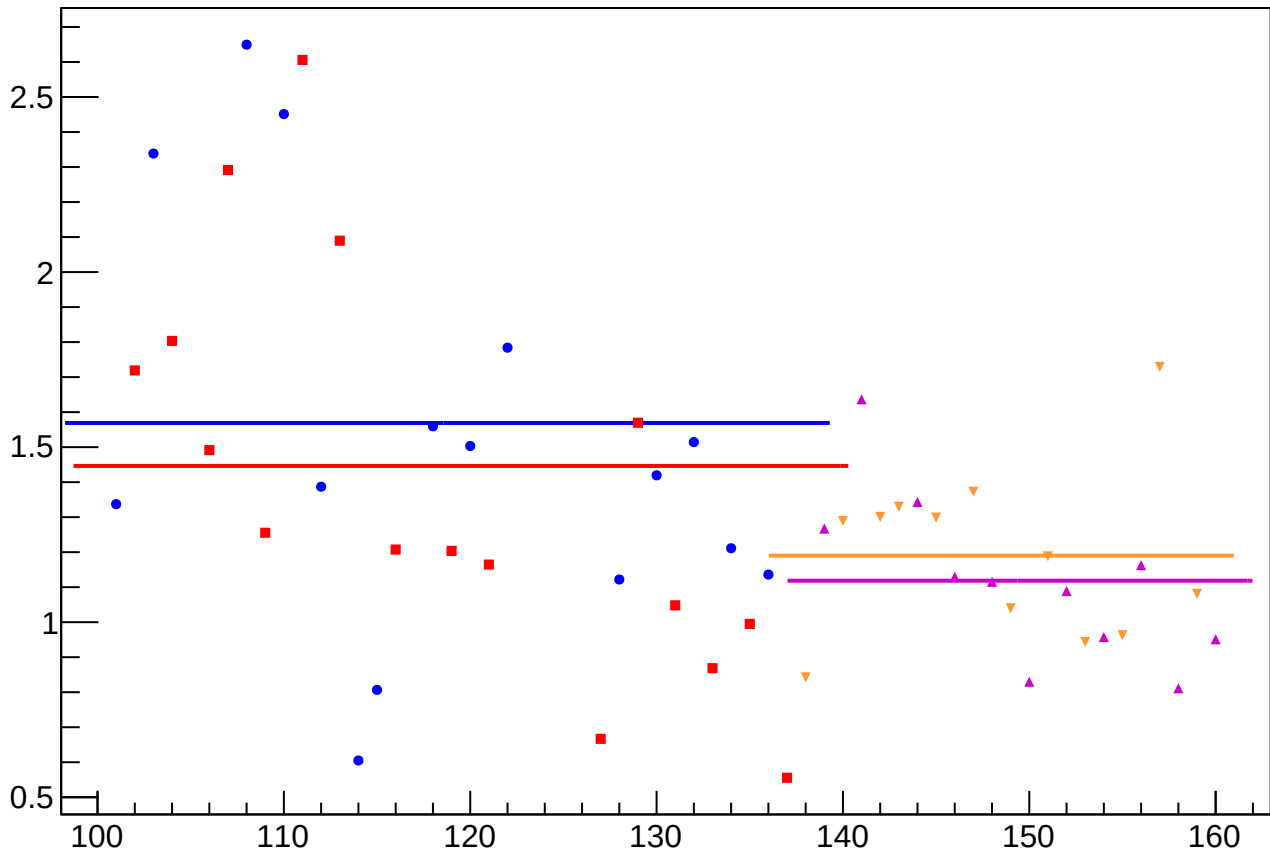
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075

All: 184.458+/-0.000 χ^2/NDF : 327355677904

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

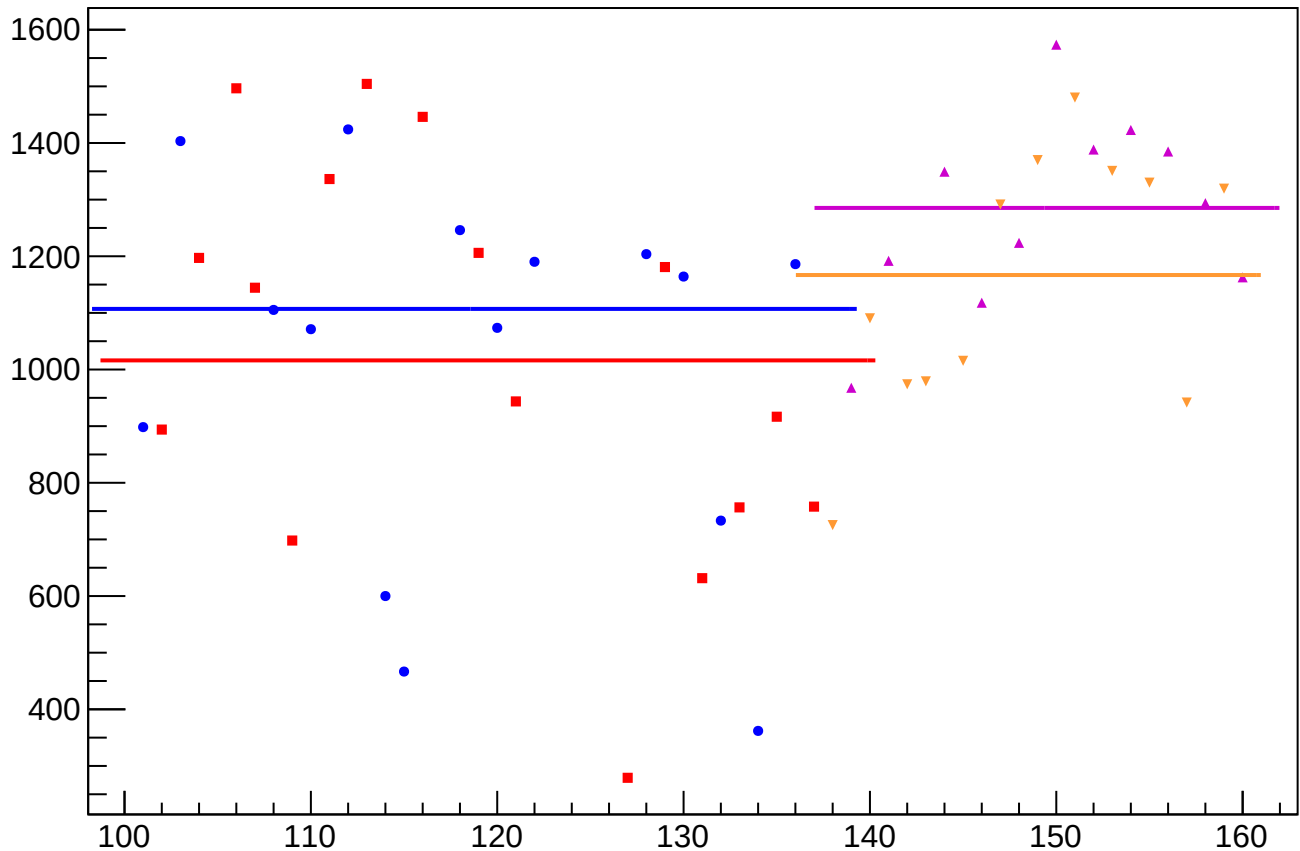
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

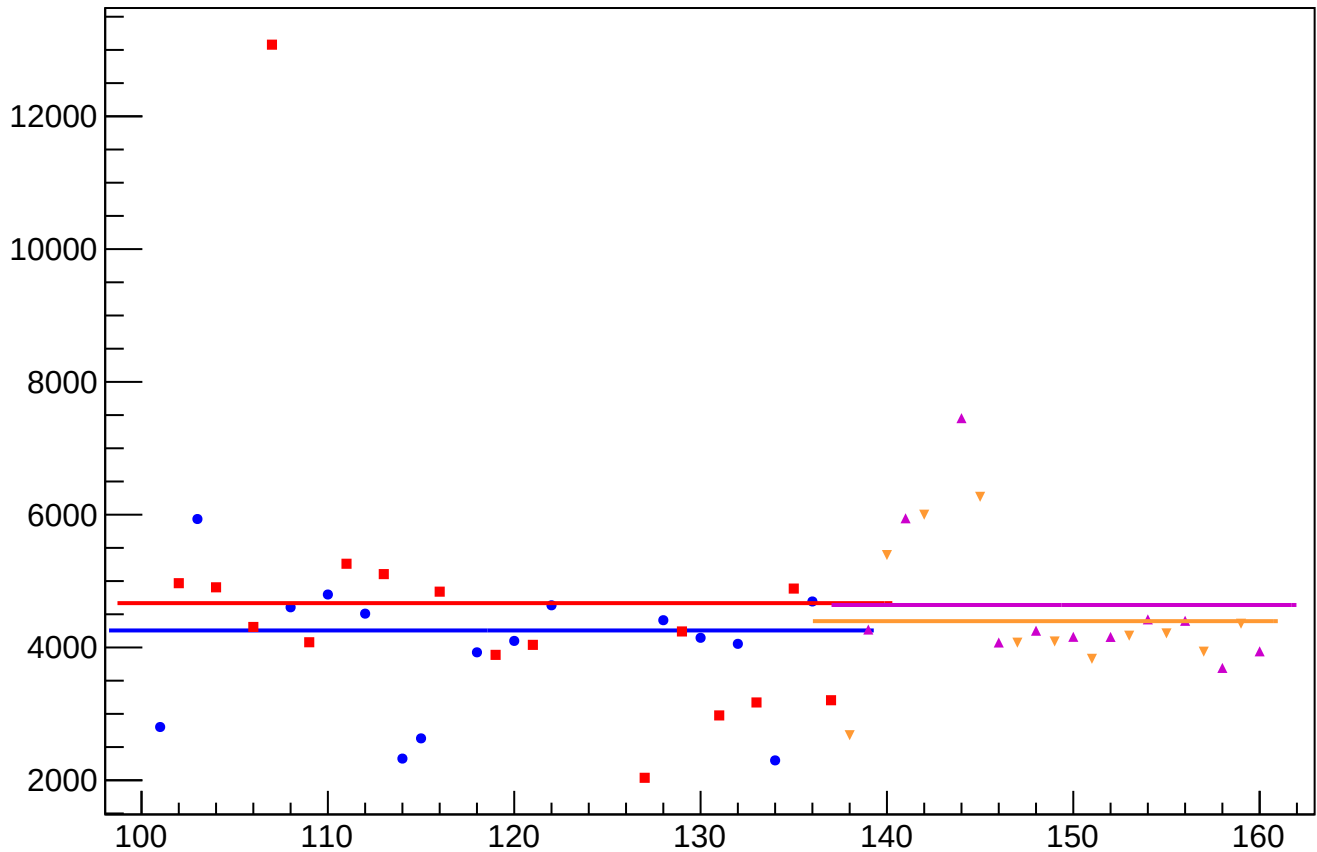
- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



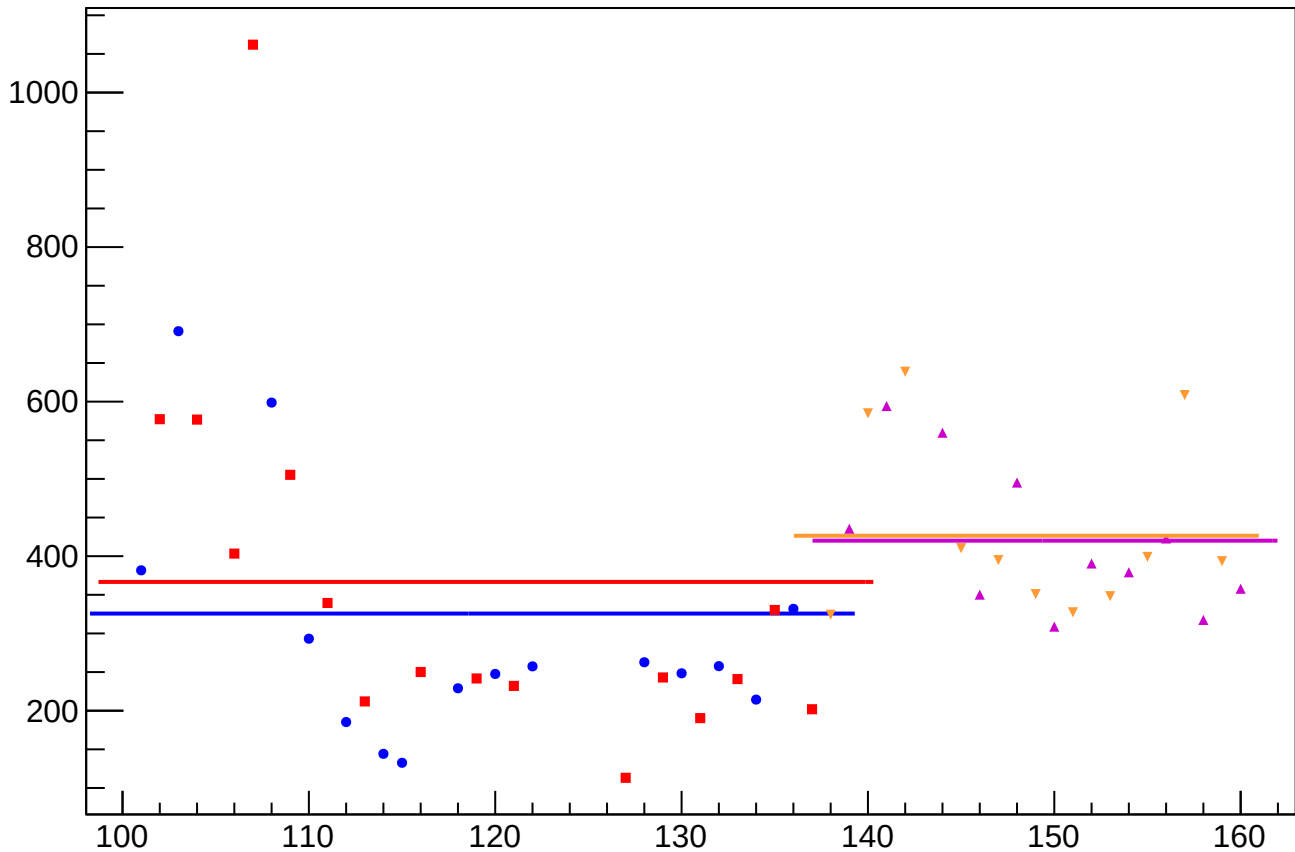
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_usl_coil4_mean vs Slug



Right In: 4256.386 $\pm$ 0.000 χ^2 /NDF: 498605412551624859672454954159576186880.0/14
 Left Out: 4396.403 $\pm$ 0.000 χ^2 /NDF: 767686308157486440179100240552638021632.0/10
 Right Out: 4667.832 $\pm$ 0.000 χ^2 /NDF: 3201925535782807450320951772159309512704.0/15
 Left In: 4639.846 $\pm$ 0.000 χ^2 /NDF: 1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

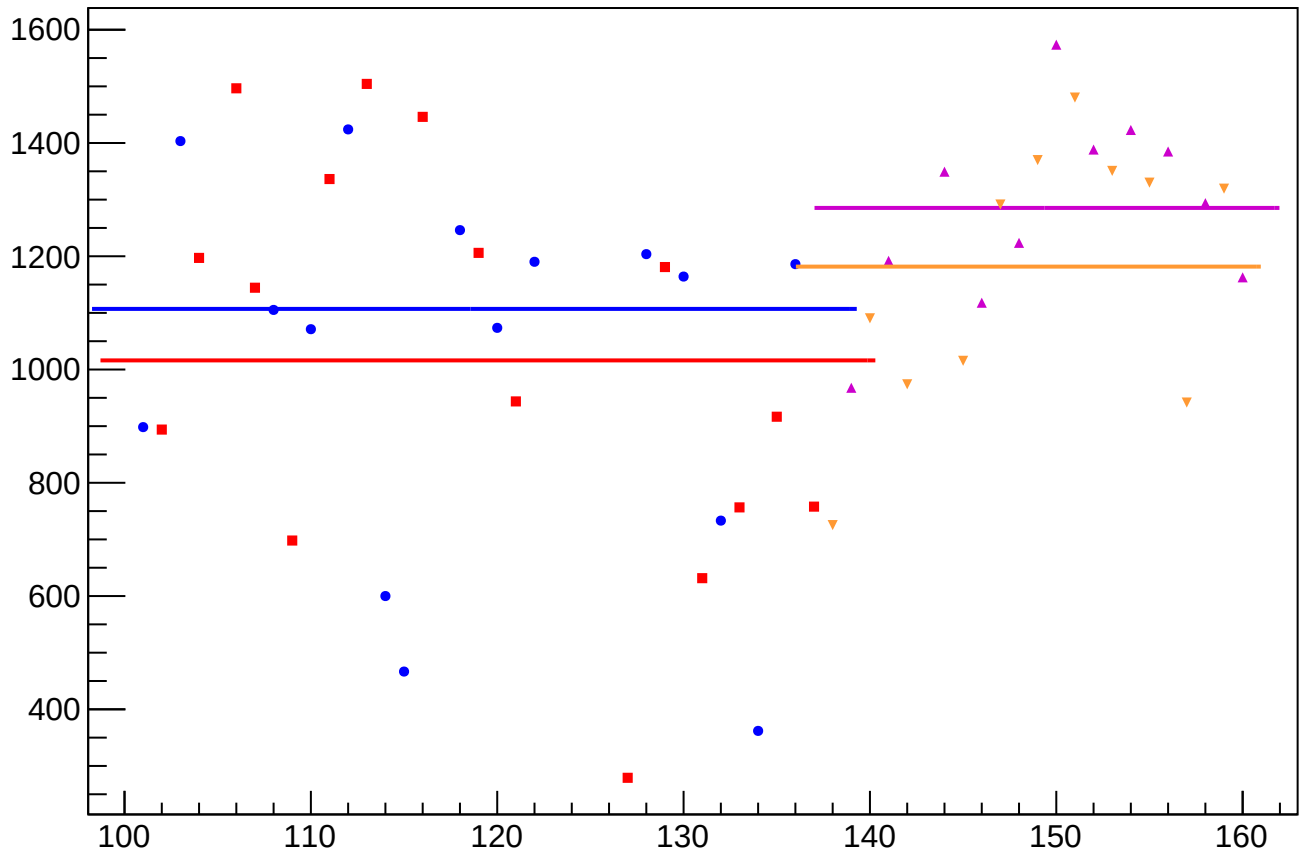
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

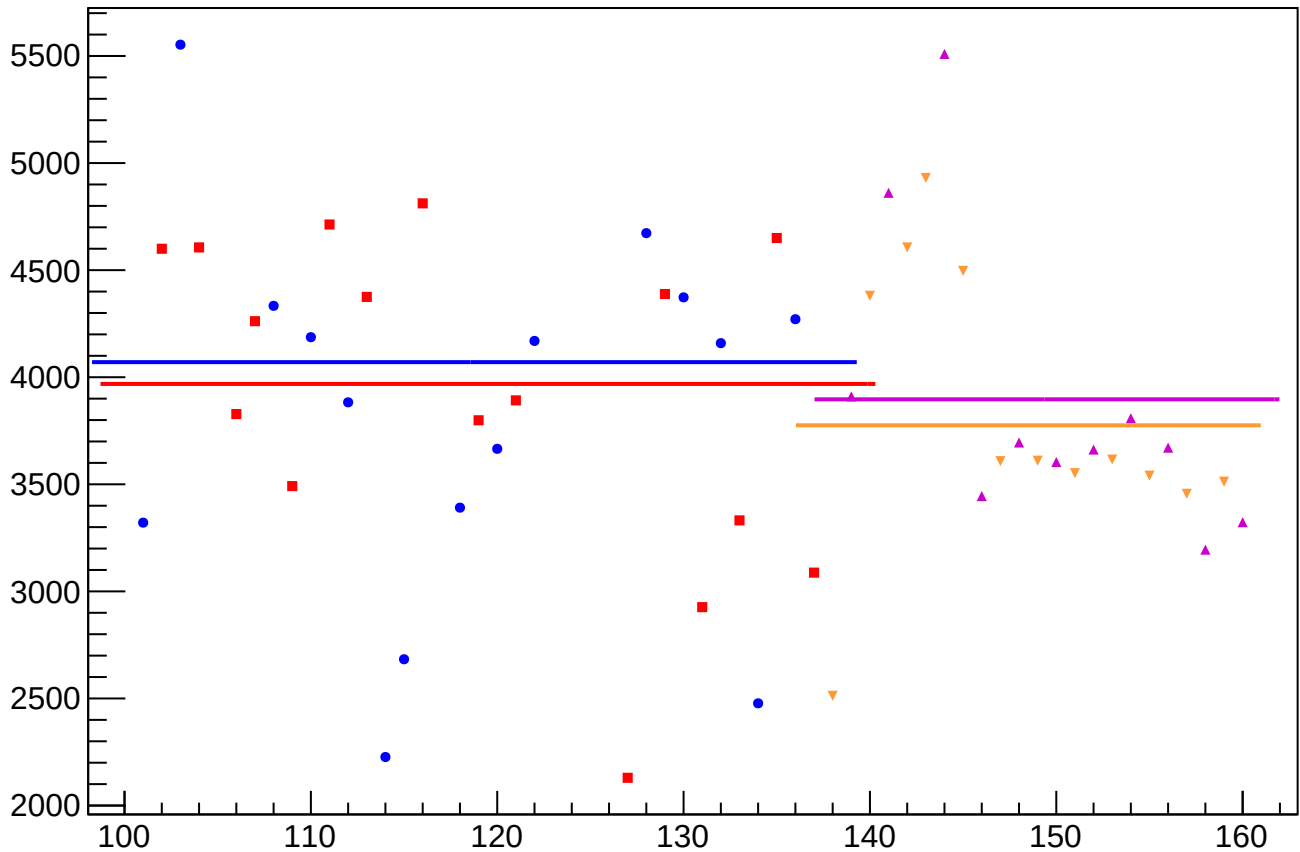
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



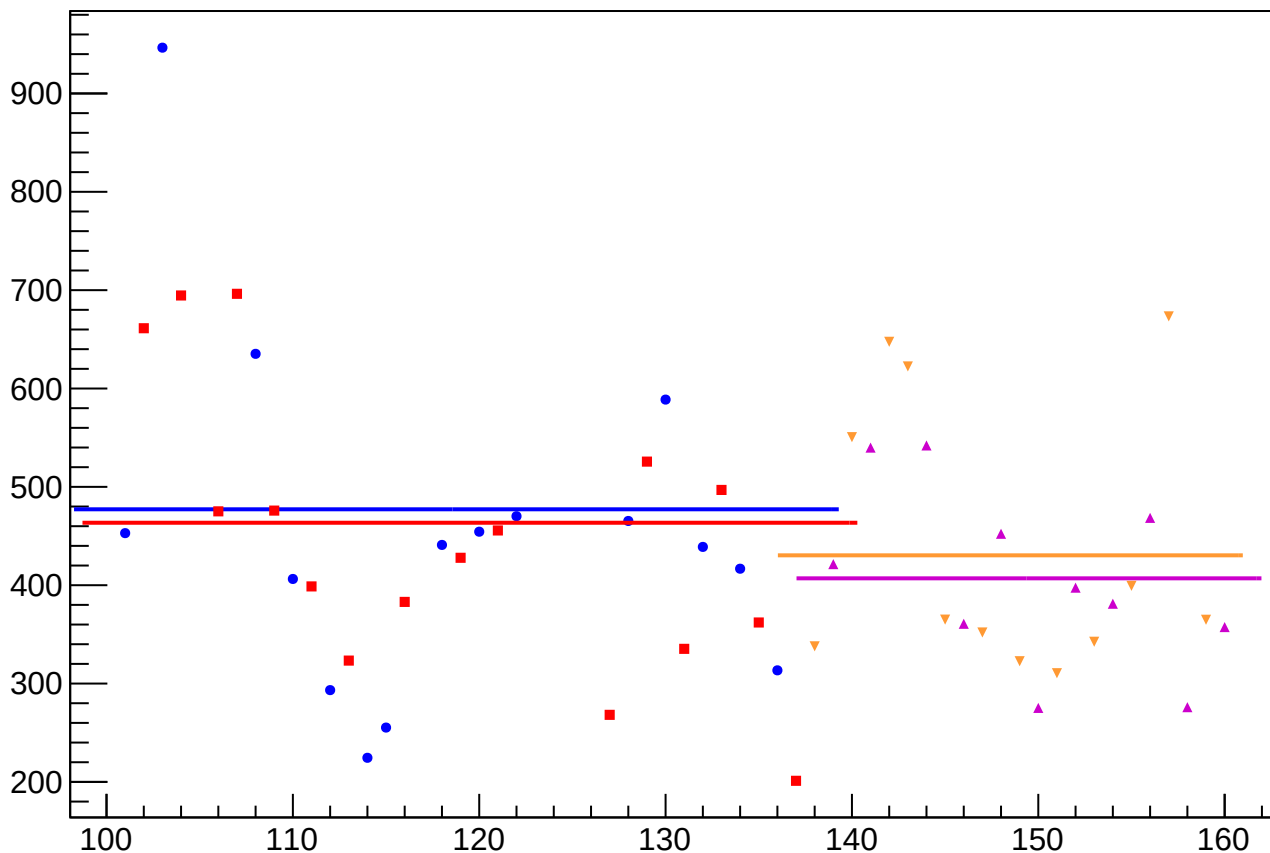
Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 $\pm$ 0.000 χ^2/NDF : 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3775.469+/-0.000 χ^2/NDF : 344611737456116155441573311529372090368.0/11
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 3896.757+/-0.000 χ^2/NDF : 412530714584693730225130204014353317888.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

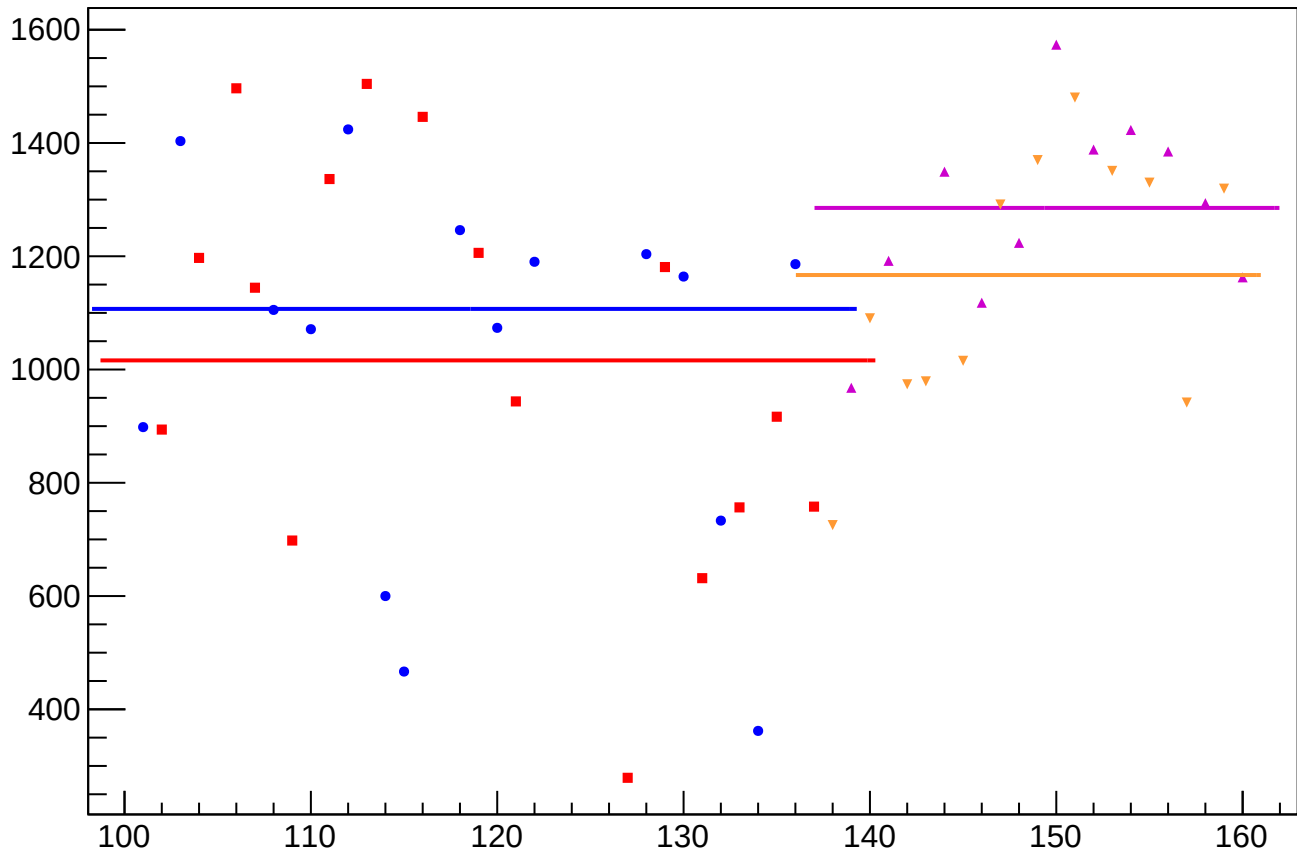
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF : 364118639358953

All: 440.167+/-0.000 χ^2/NDF : 575090441202

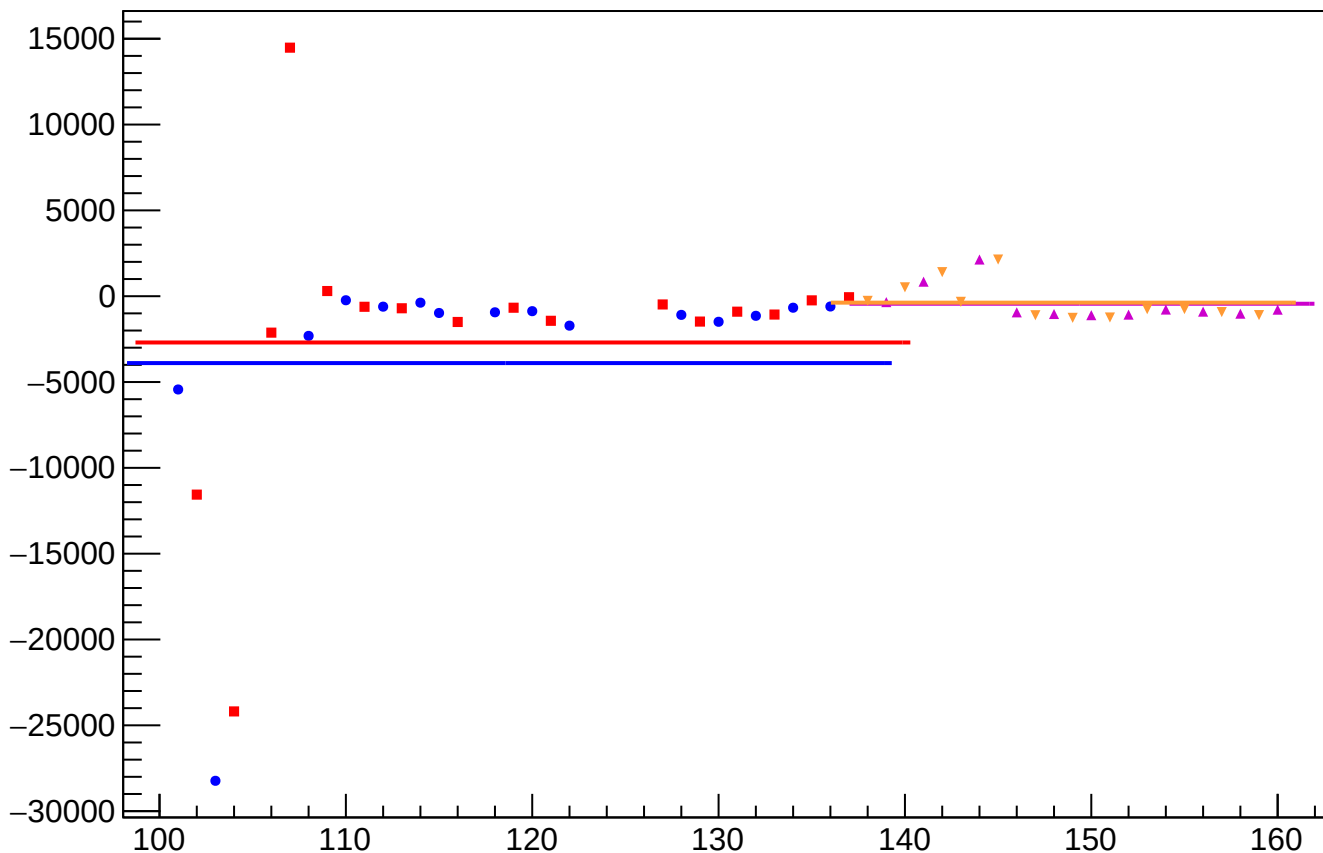
- sign 430.686+/-0.000 χ^2/NDF : 208085780635080

dit_usr_coil4_Ndata_mean vs Slug



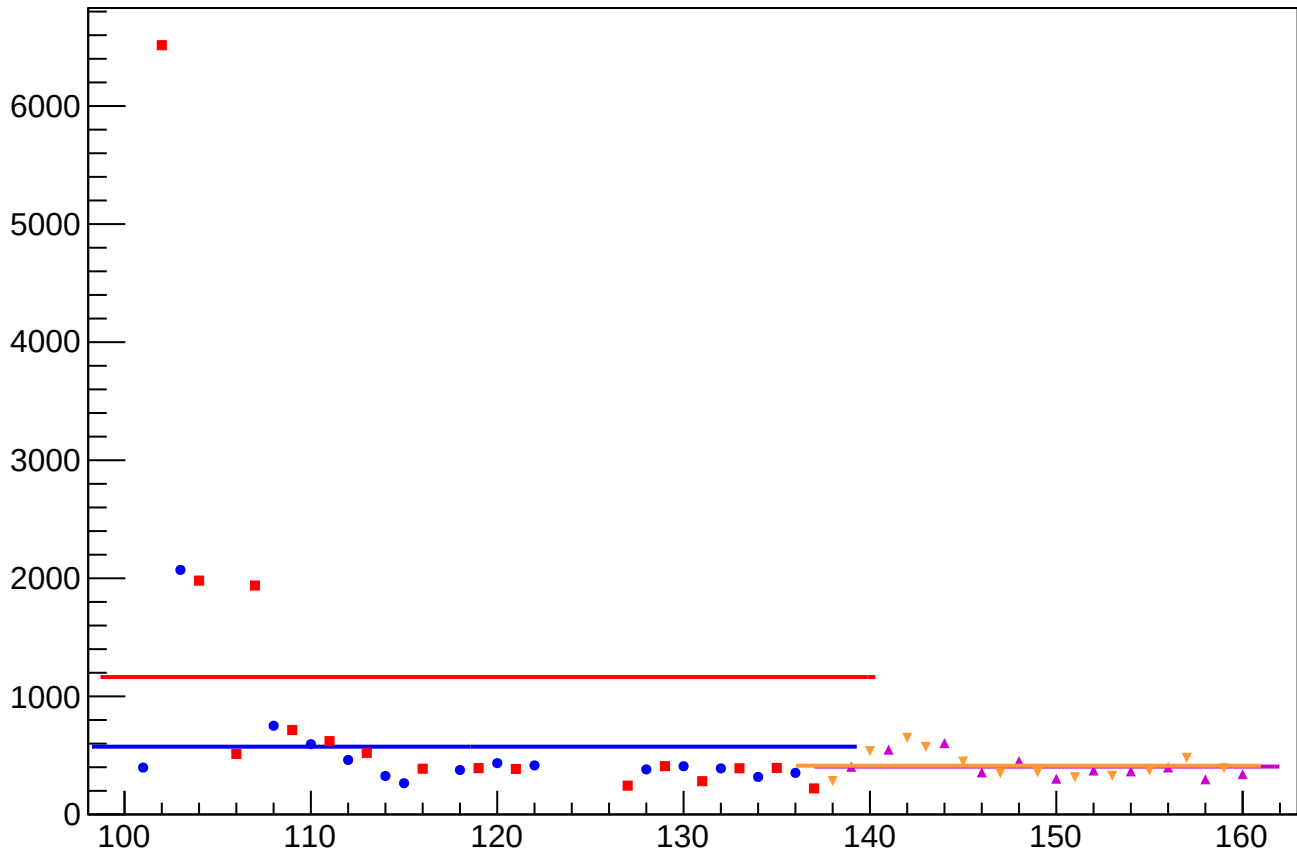
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl1_coil4_mean vs Slug



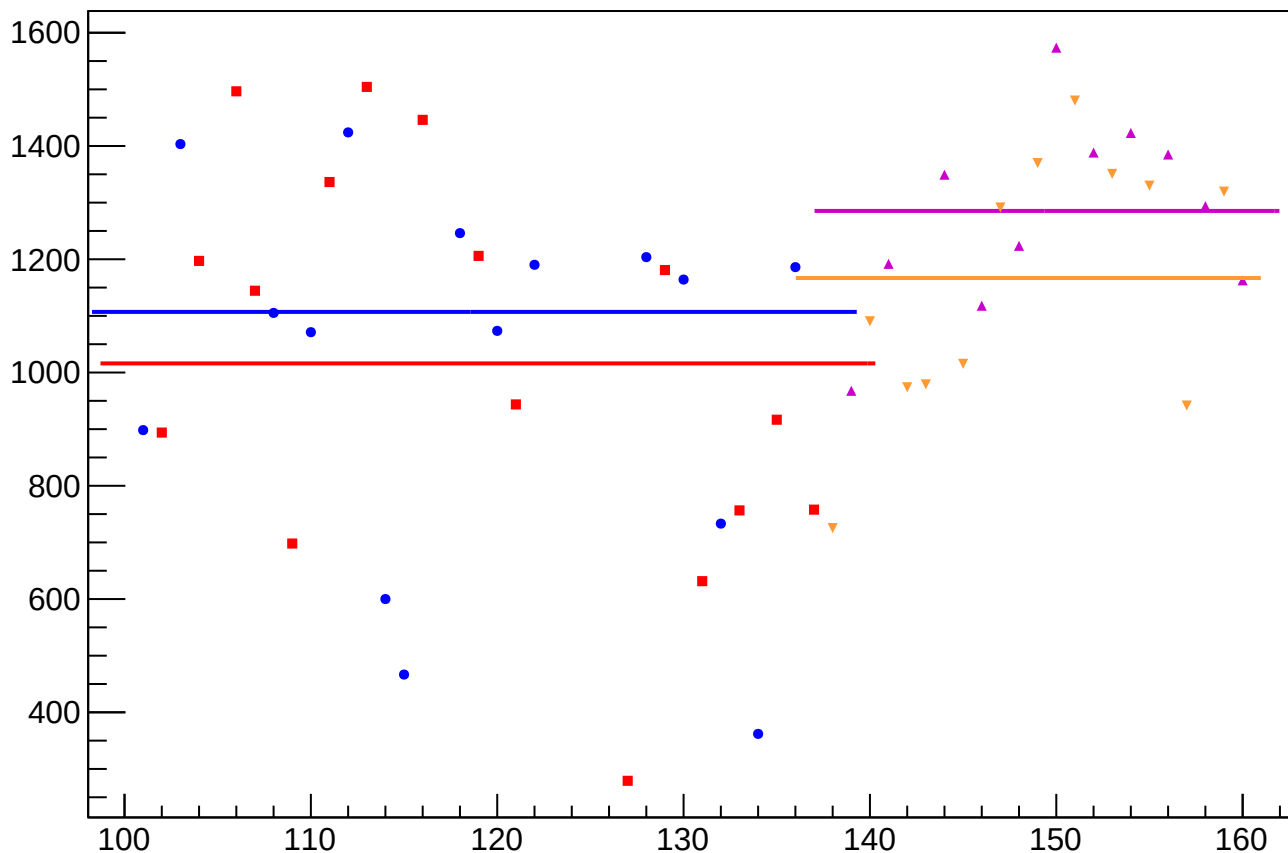
Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430 ± 0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289 ± 0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10
 All: -1609.422 ± 0.000 χ^2/NDF : 8915994509
 + sign -1837.483 ± 0.000 χ^2/NDF : 4528252222957
 - sign -1385.374 ± 0.000 χ^2/NDF : 43716264222774

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

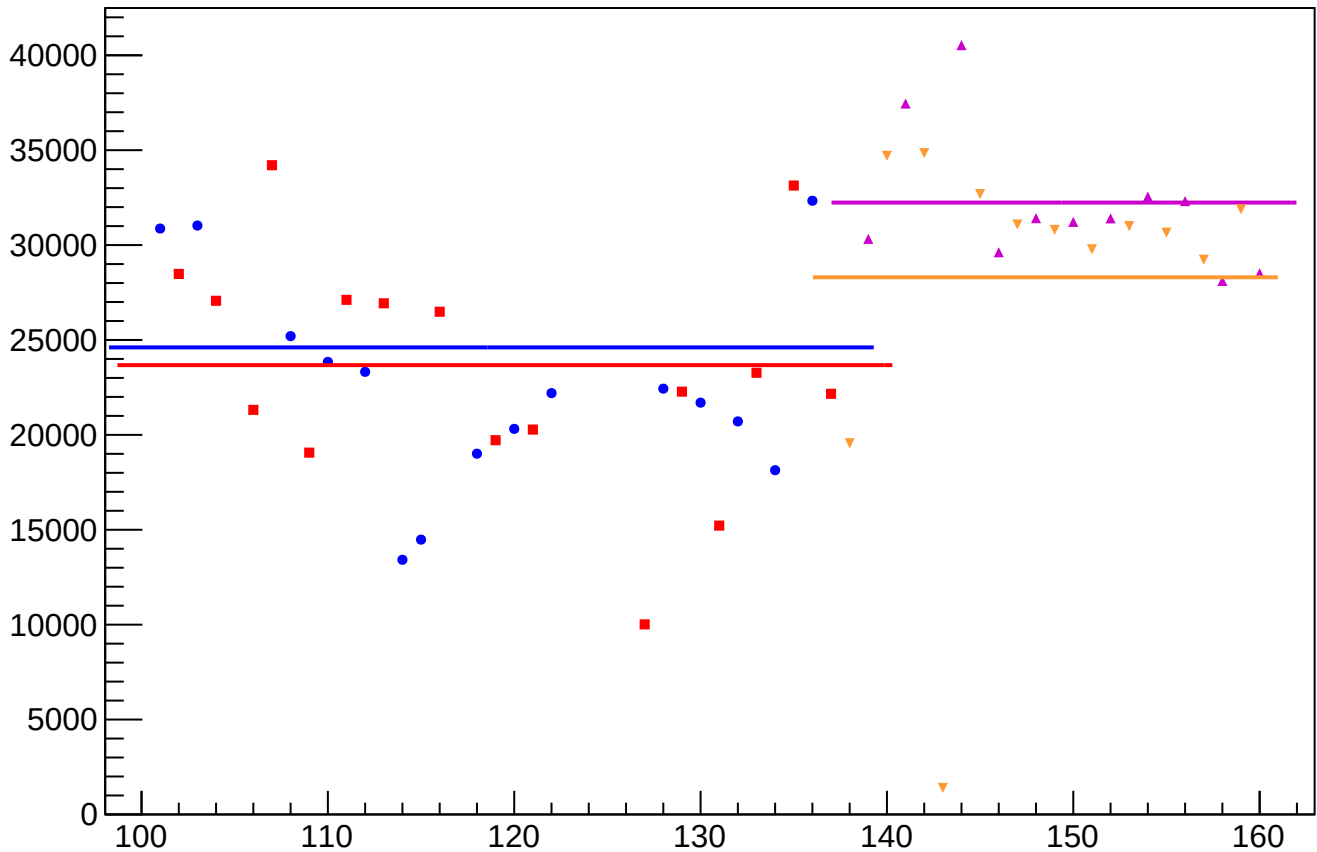
All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_atl2_coil4_mean vs Slug



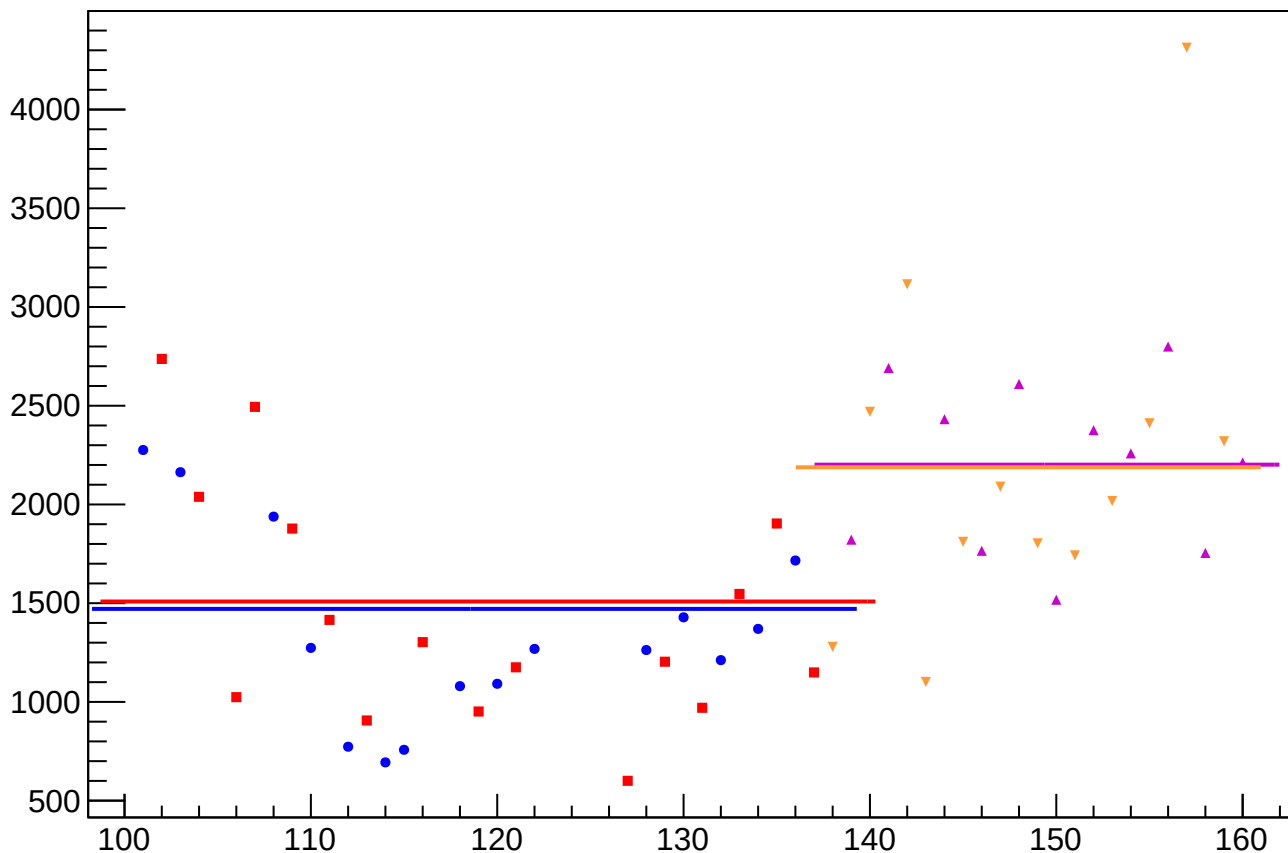
Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851

All: 27716.891+/-0.000 χ^2/NDF : 1554384105

- sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

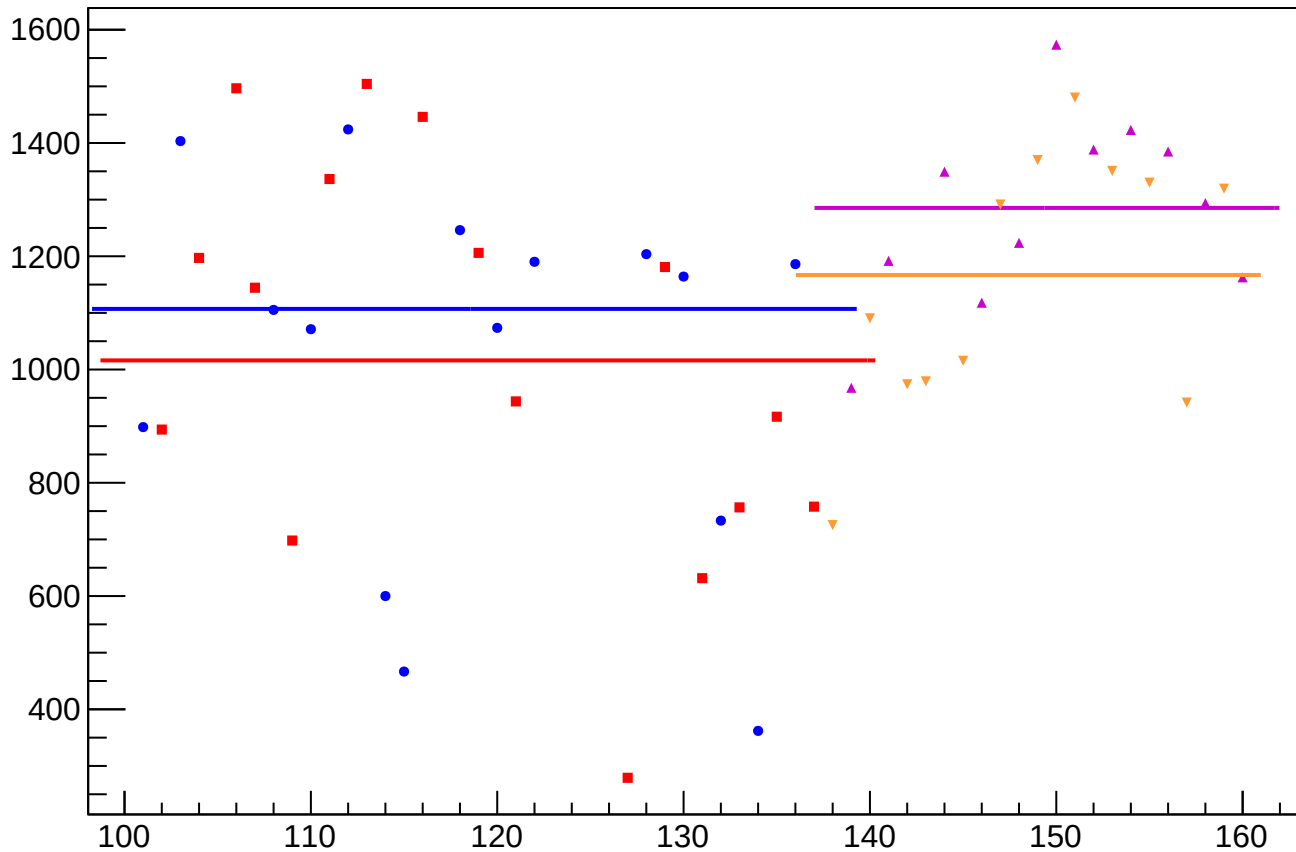
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

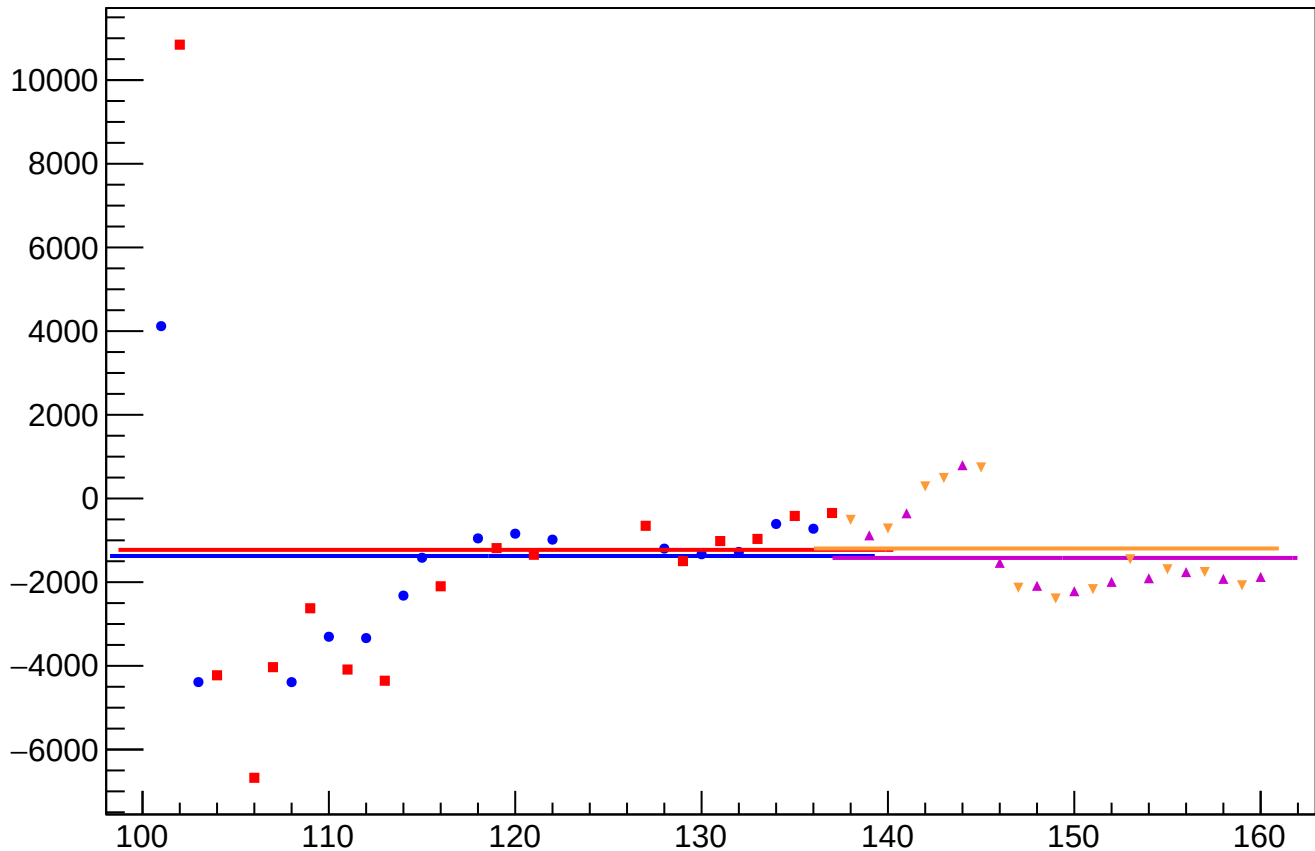
Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

+ sign 1142.031 $\pm$ 0.000 χ^2 /NDF: 86643588377316

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

- sign 1172.482 $\pm$ 0.000 χ^2 /NDF: 12465444911625

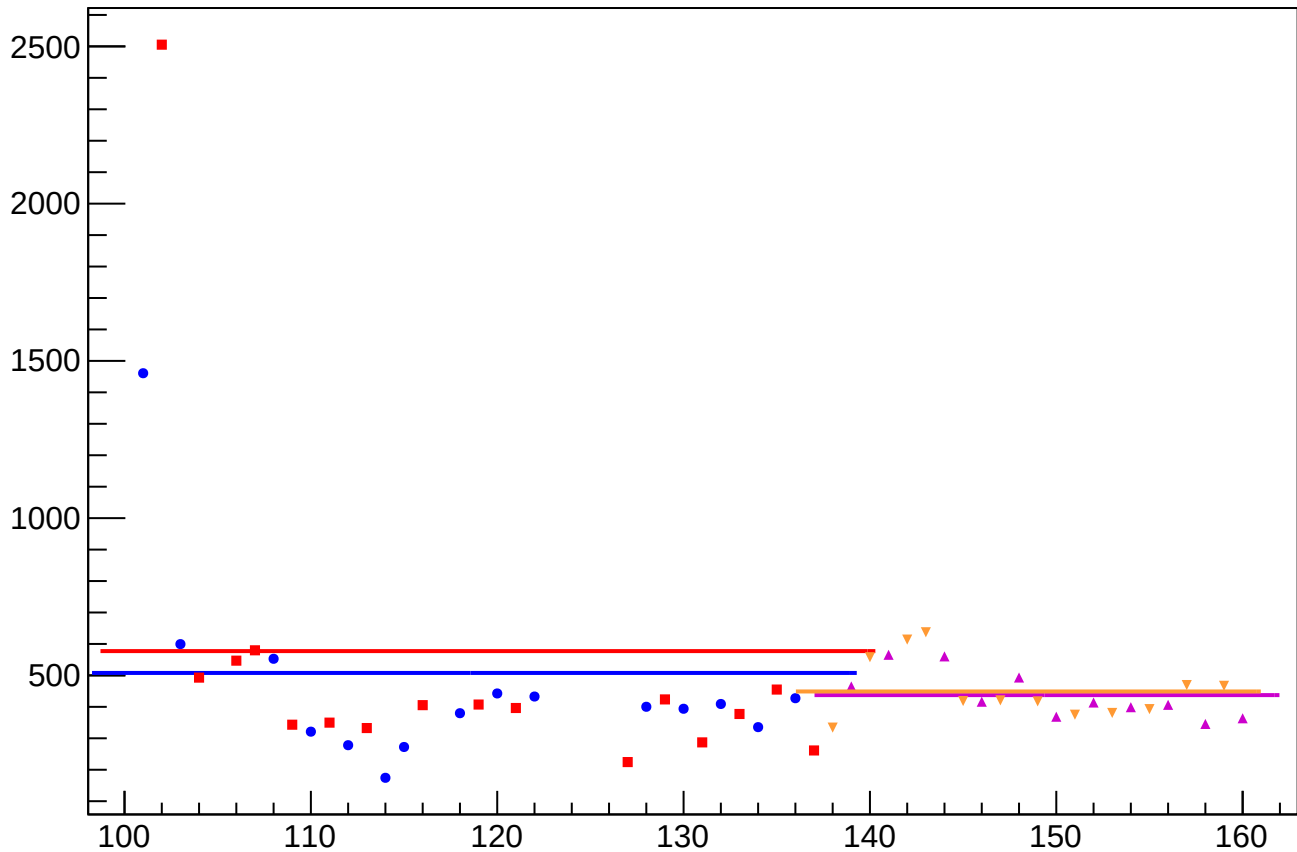
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

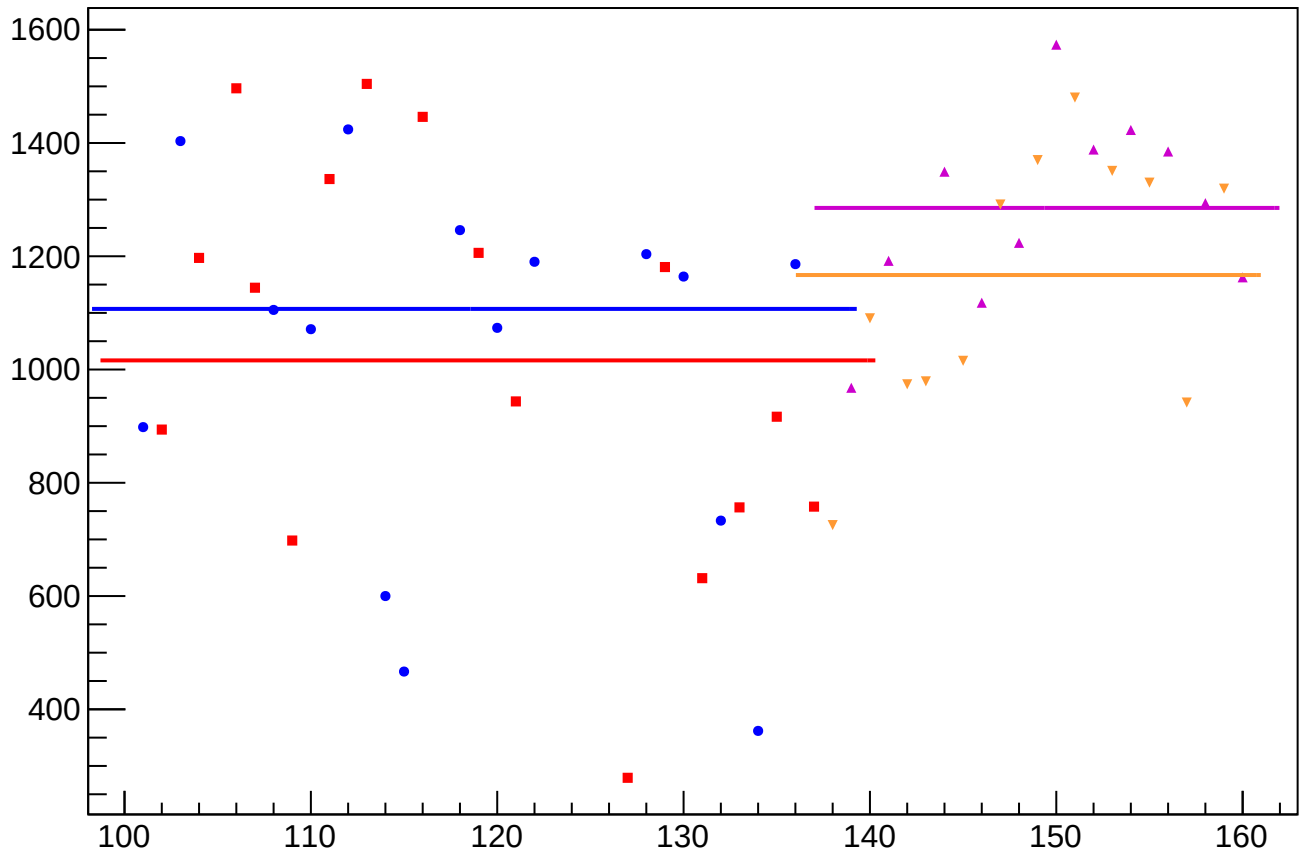
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

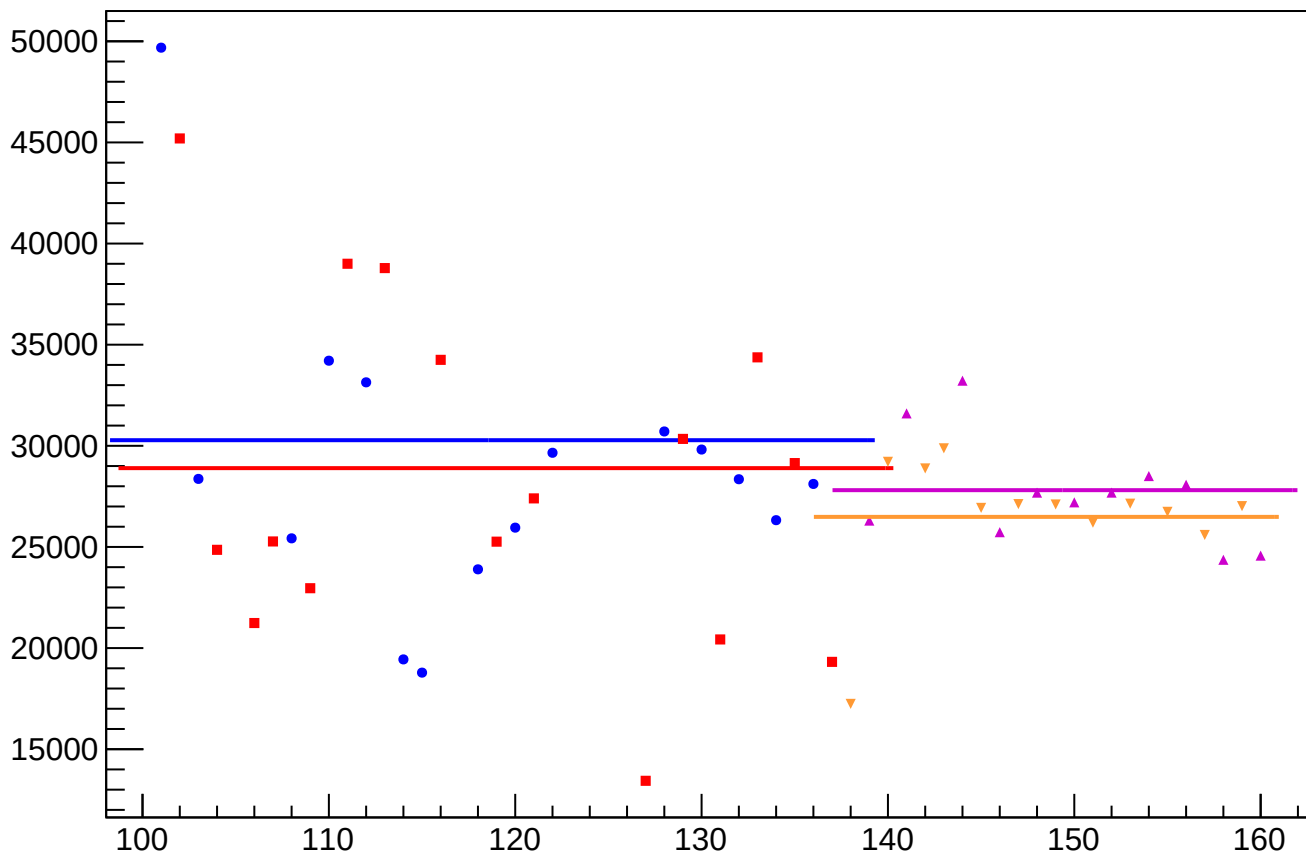
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

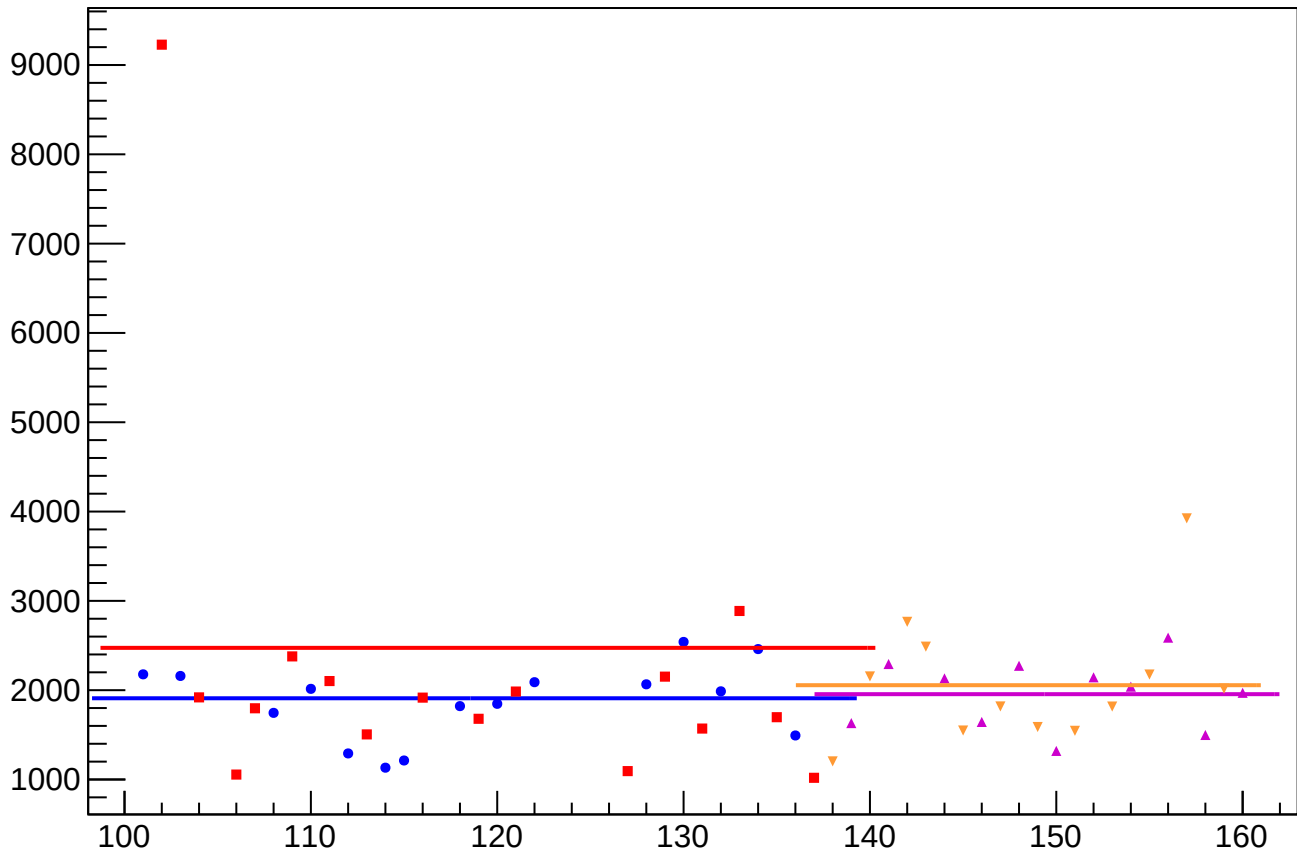
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

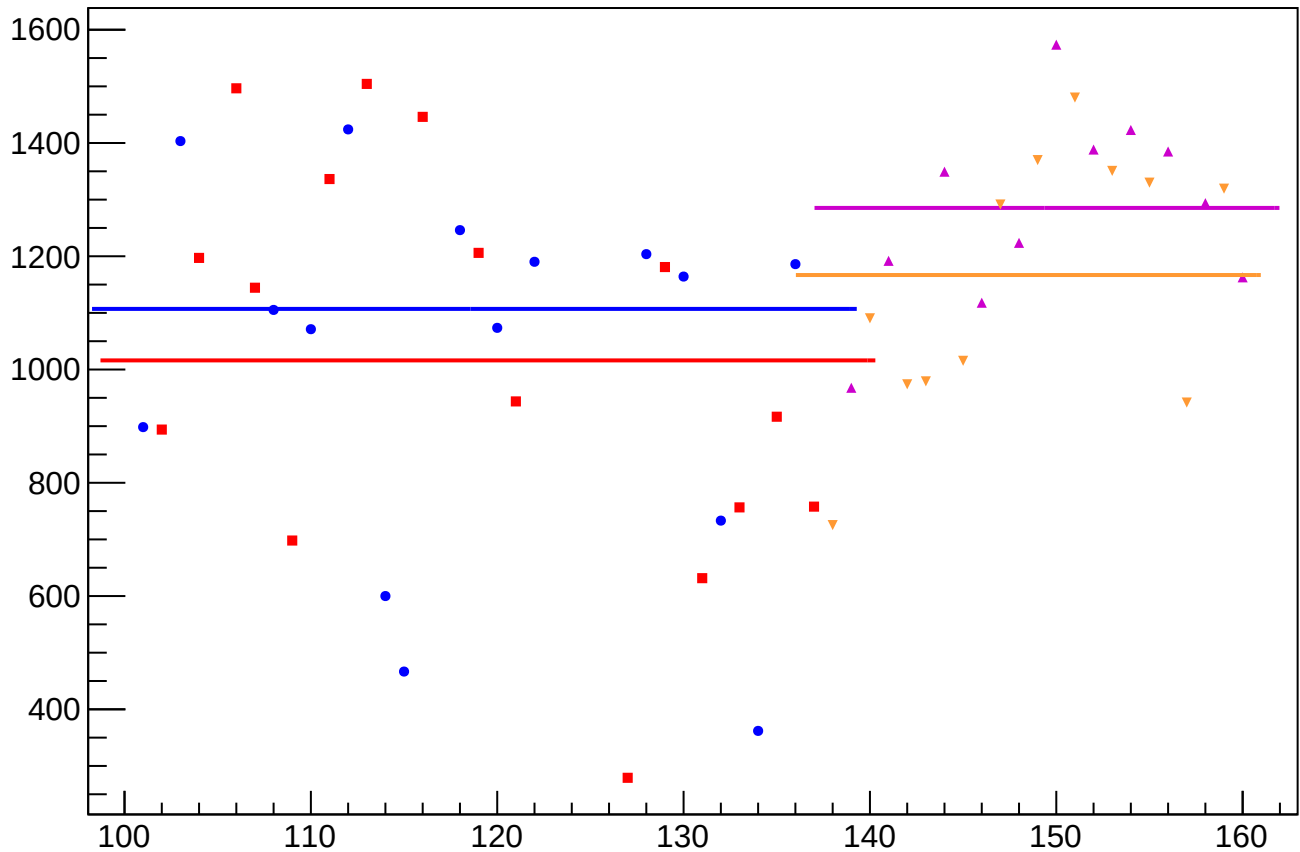
+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

dit_atr2_coil4_err_mean vs Slug



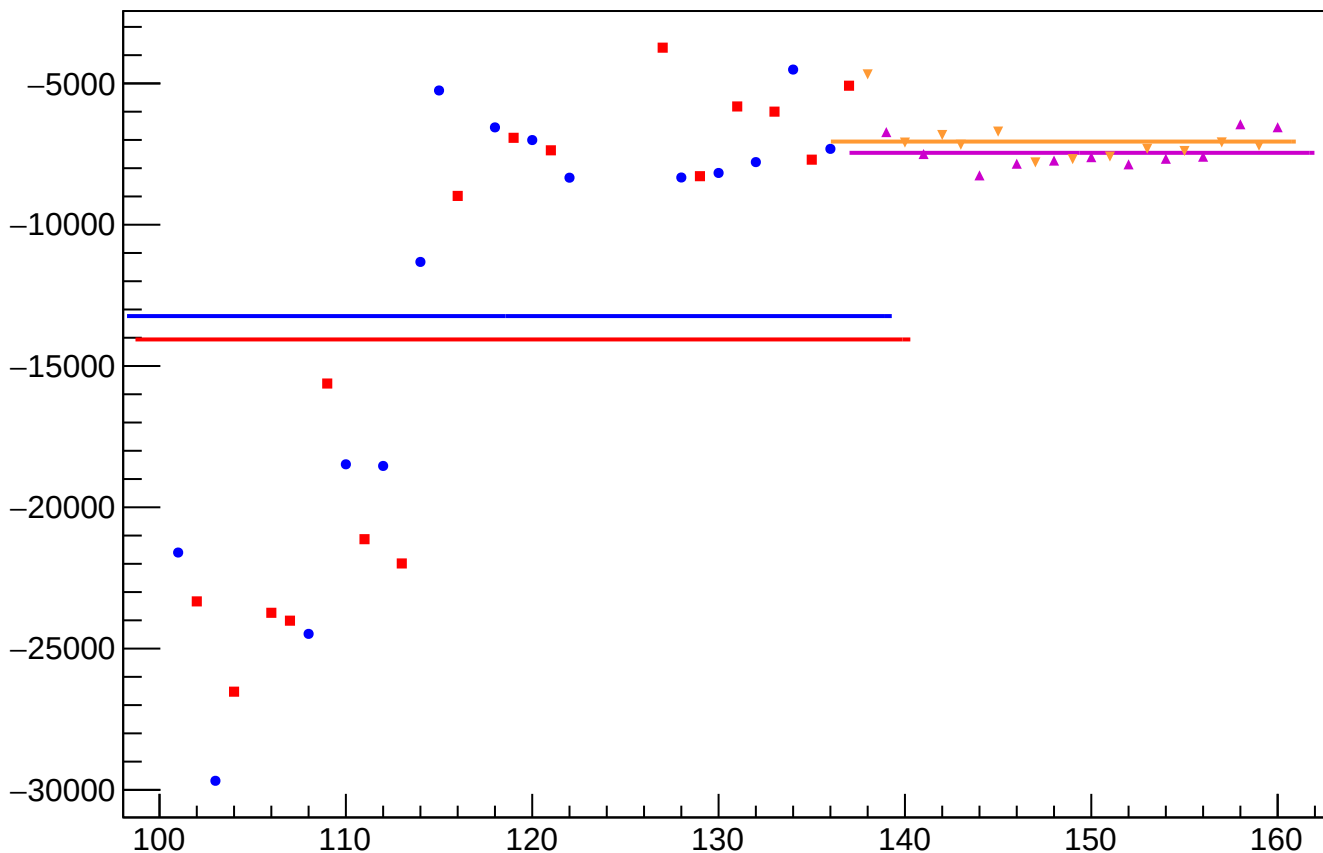
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 2055.788+/-0.000 χ^2/NDF : 438010168588723075505721290768963862528.0/11
 Right Out: 2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: 1955.312+/-0.000 χ^2/NDF : 126909052383838166035294082177347616768.0/10

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

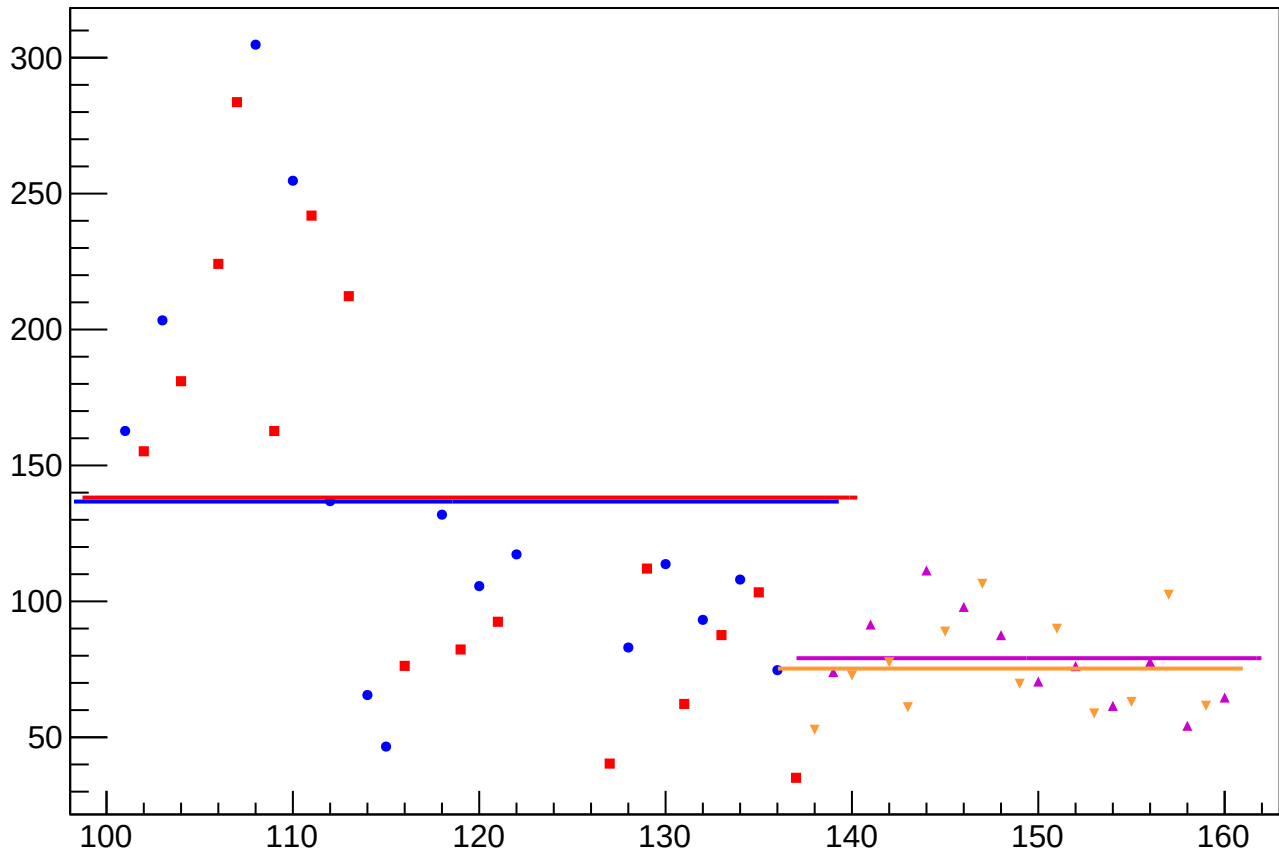
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 616694042079

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

+ sign 100.788+/-0.000 χ^2/NDF : 439084065337808

Left Out: 75.280+/-0.000 χ^2/NDF : 271565230291715258223184233837363200.0/11

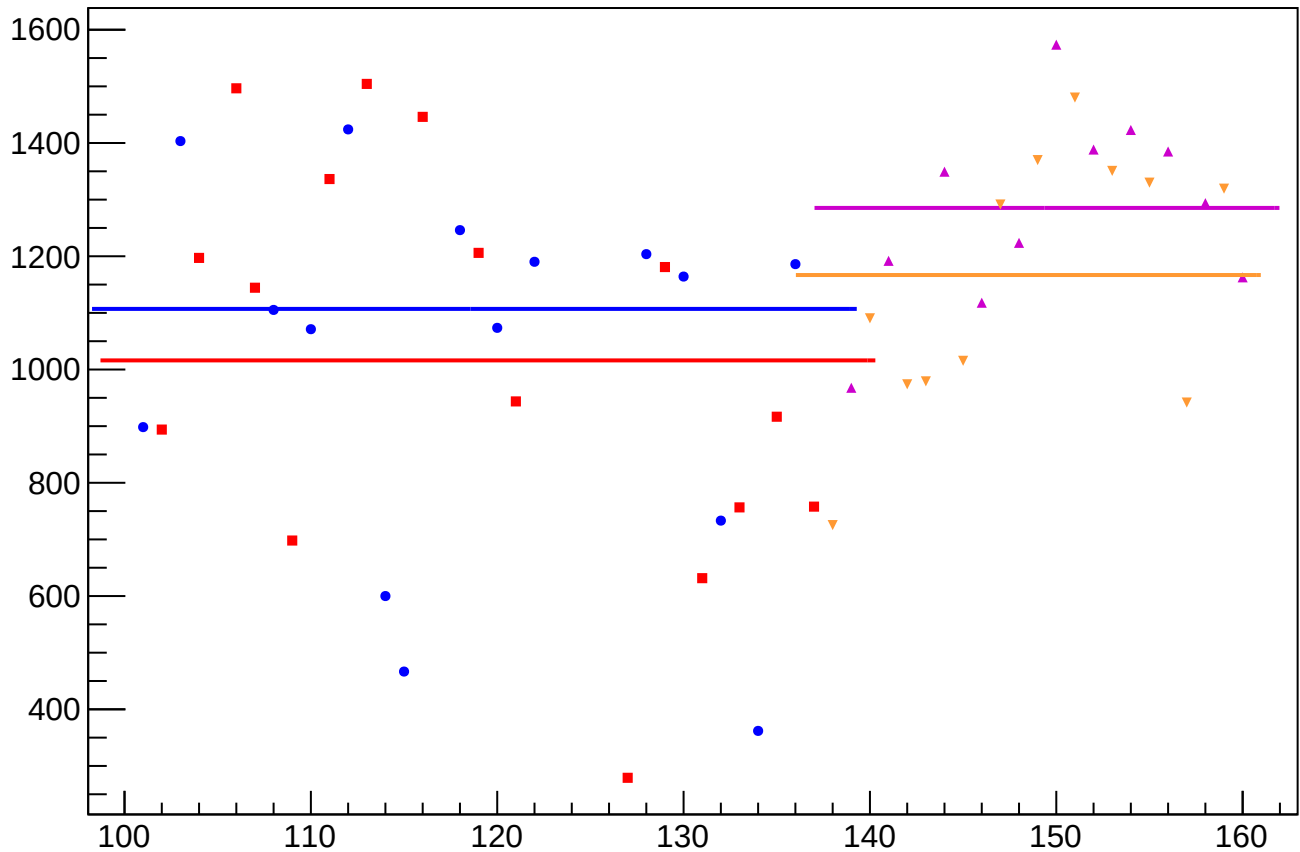
All: 102.340+/-0.000 χ^2/NDF : 92254045368

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

- sign 103.866+/-0.000 χ^2/NDF : 482709269231347

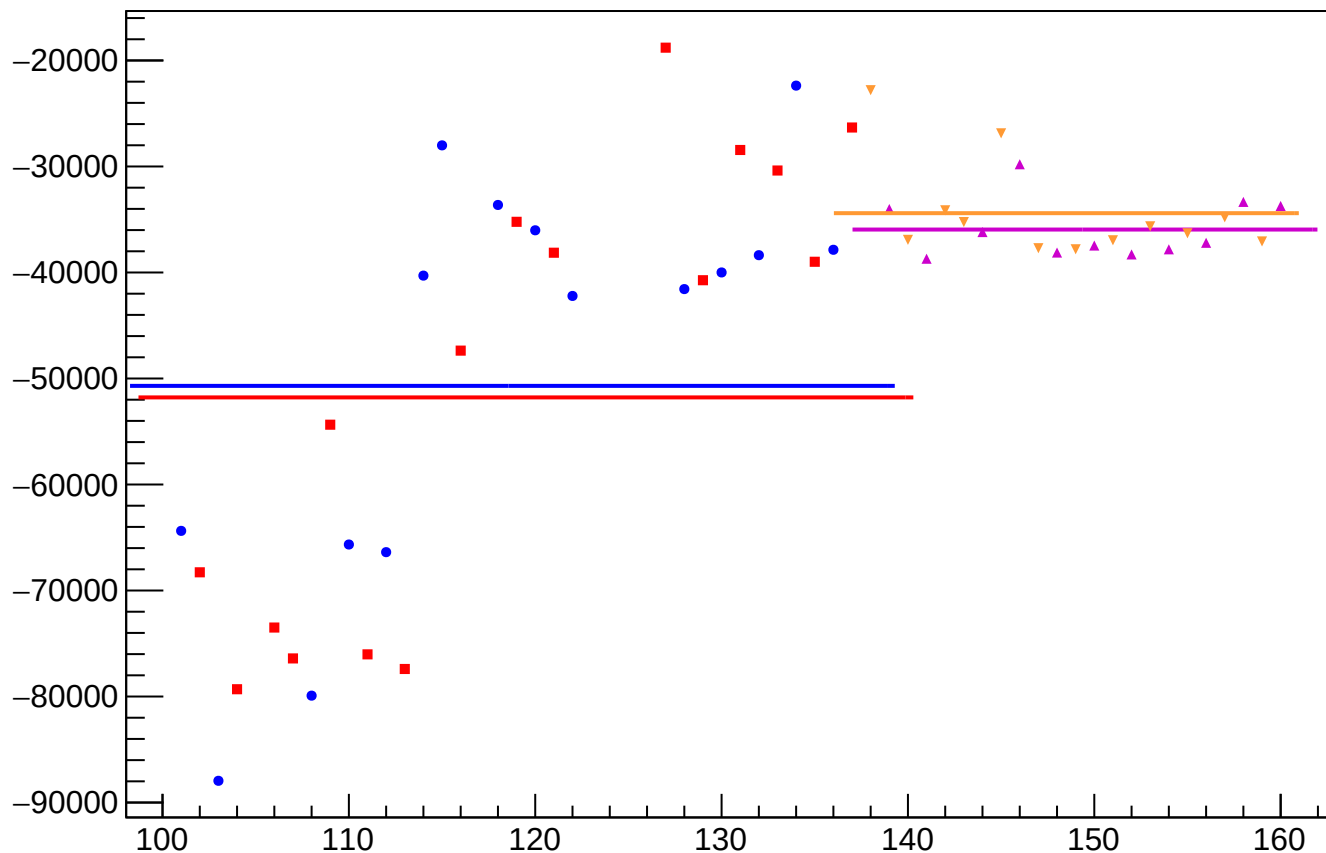
Left In: 79.096+/-0.000 χ^2/NDF : 243975342218114768326270780809674752.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000

+ sign -41169.025+/-0.000 χ^2/NDF : 346153436808

Right Out: -51783.912+/-0.000

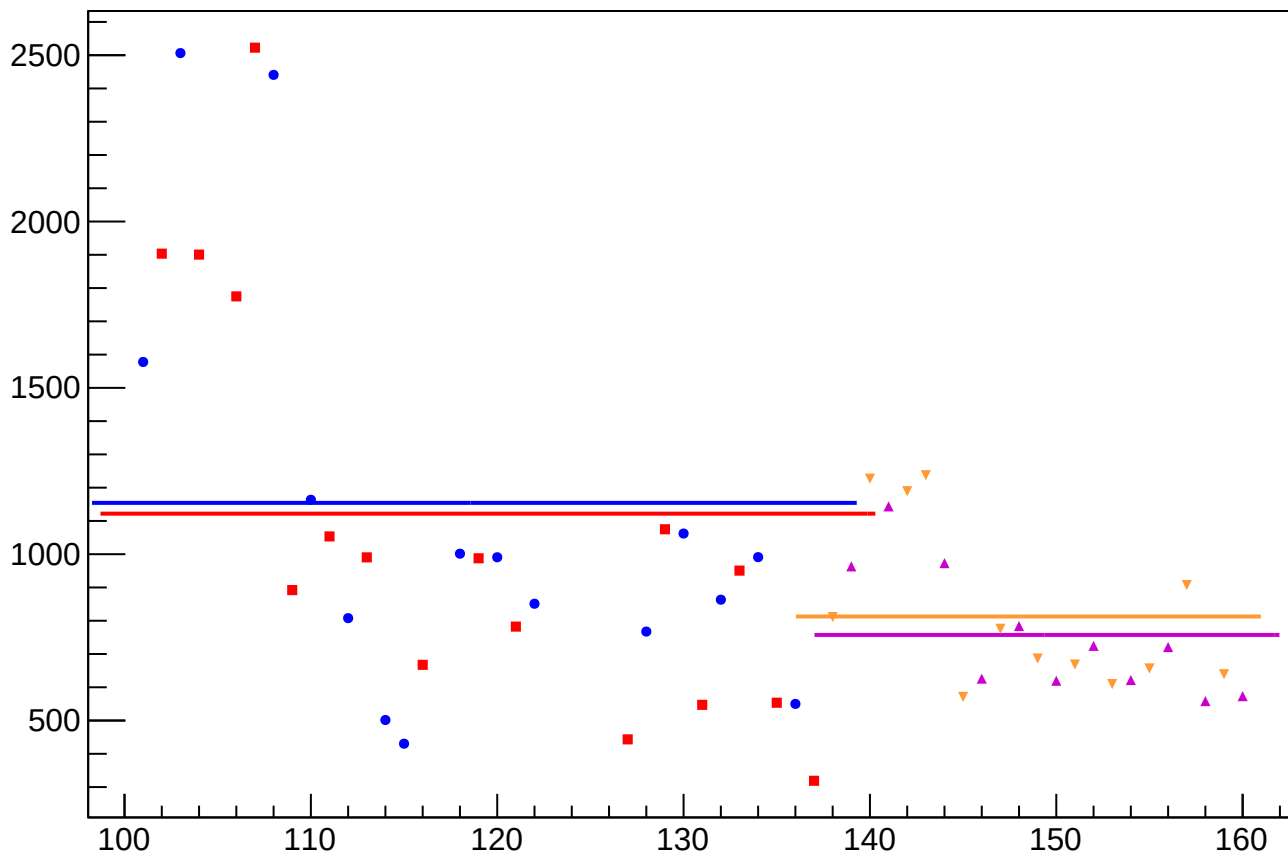
χ^2/NDF : 18820007226442898256054839449855820038144.0/11

Left In: -35949.660+/-0.000

All: -41884.763+/-0.000 χ^2/NDF : 733189271

- sign -42587.904+/-0.000 χ^2/NDF : 3854485377902

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

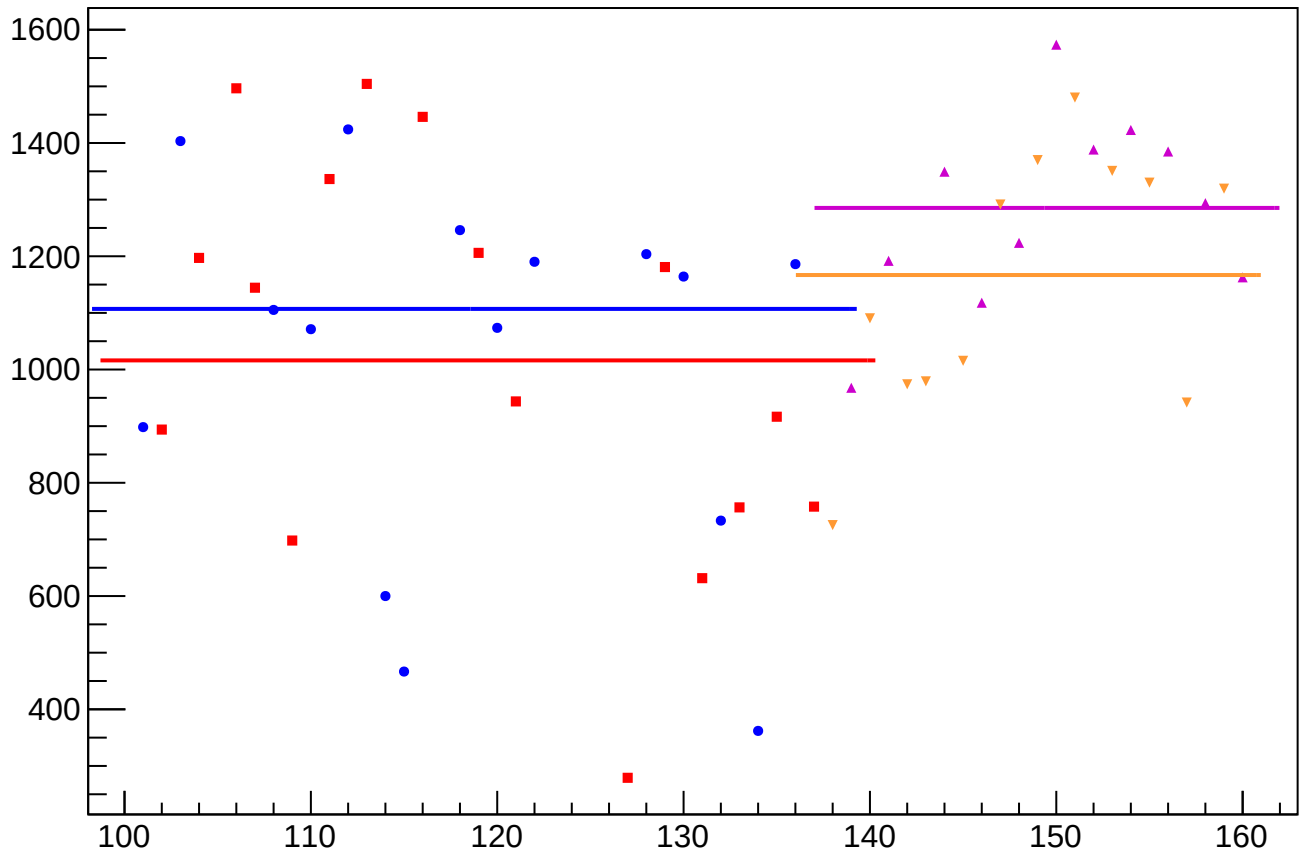
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

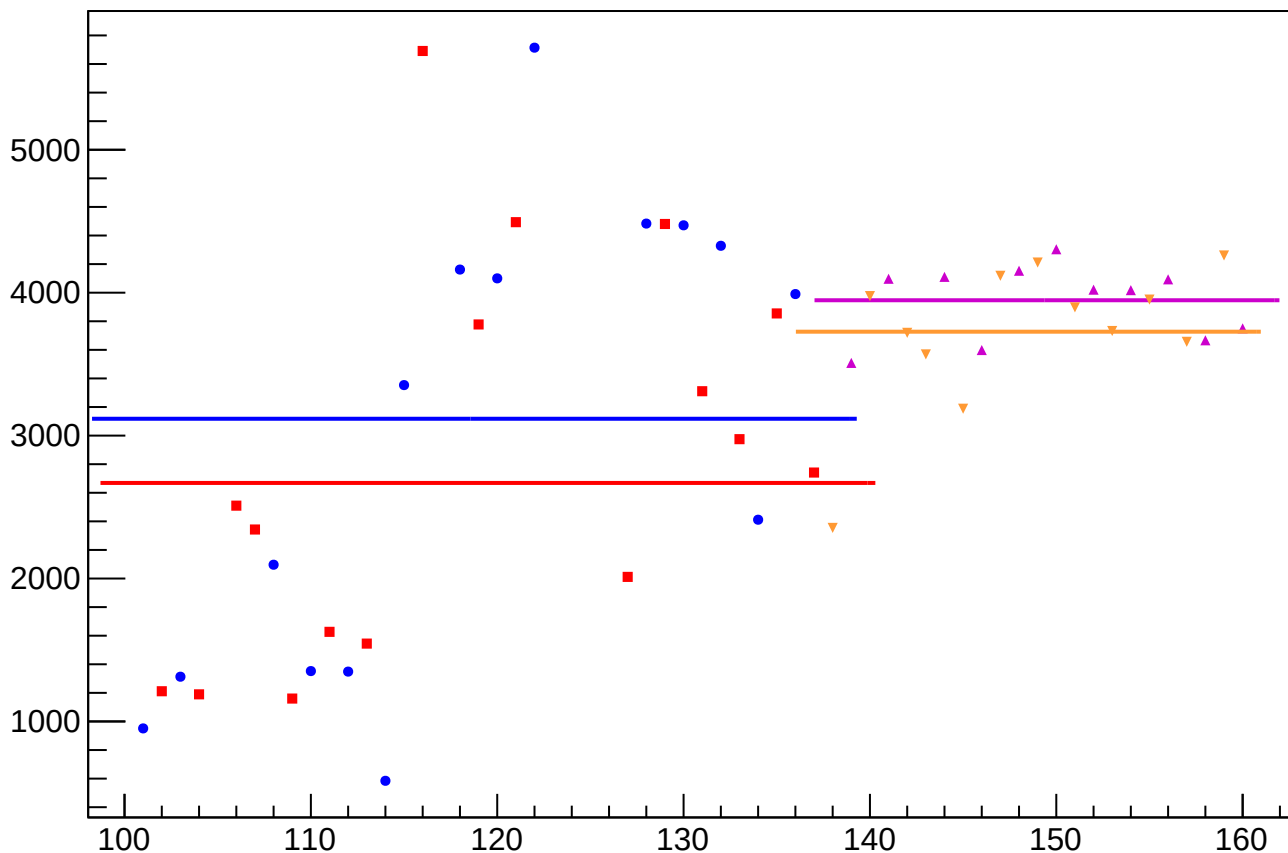
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



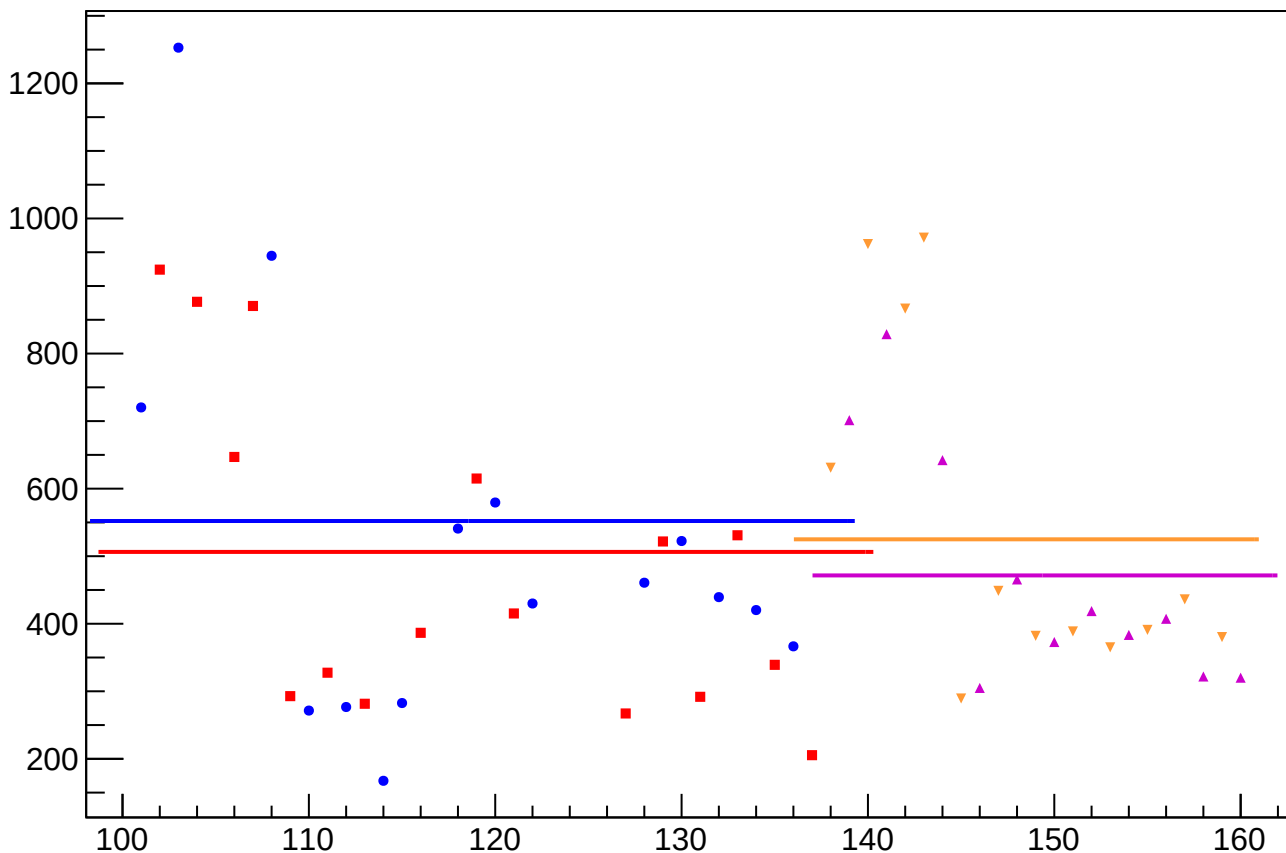
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

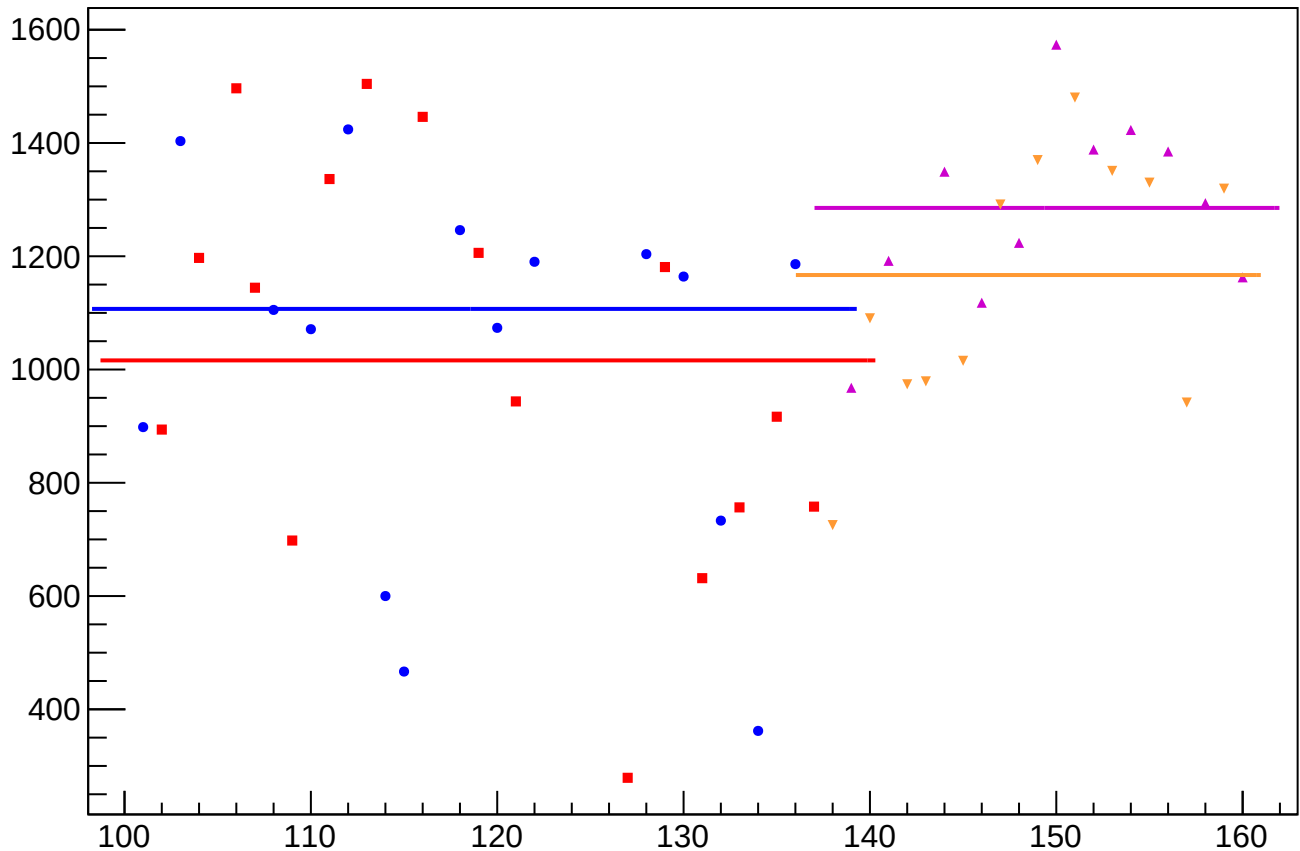
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

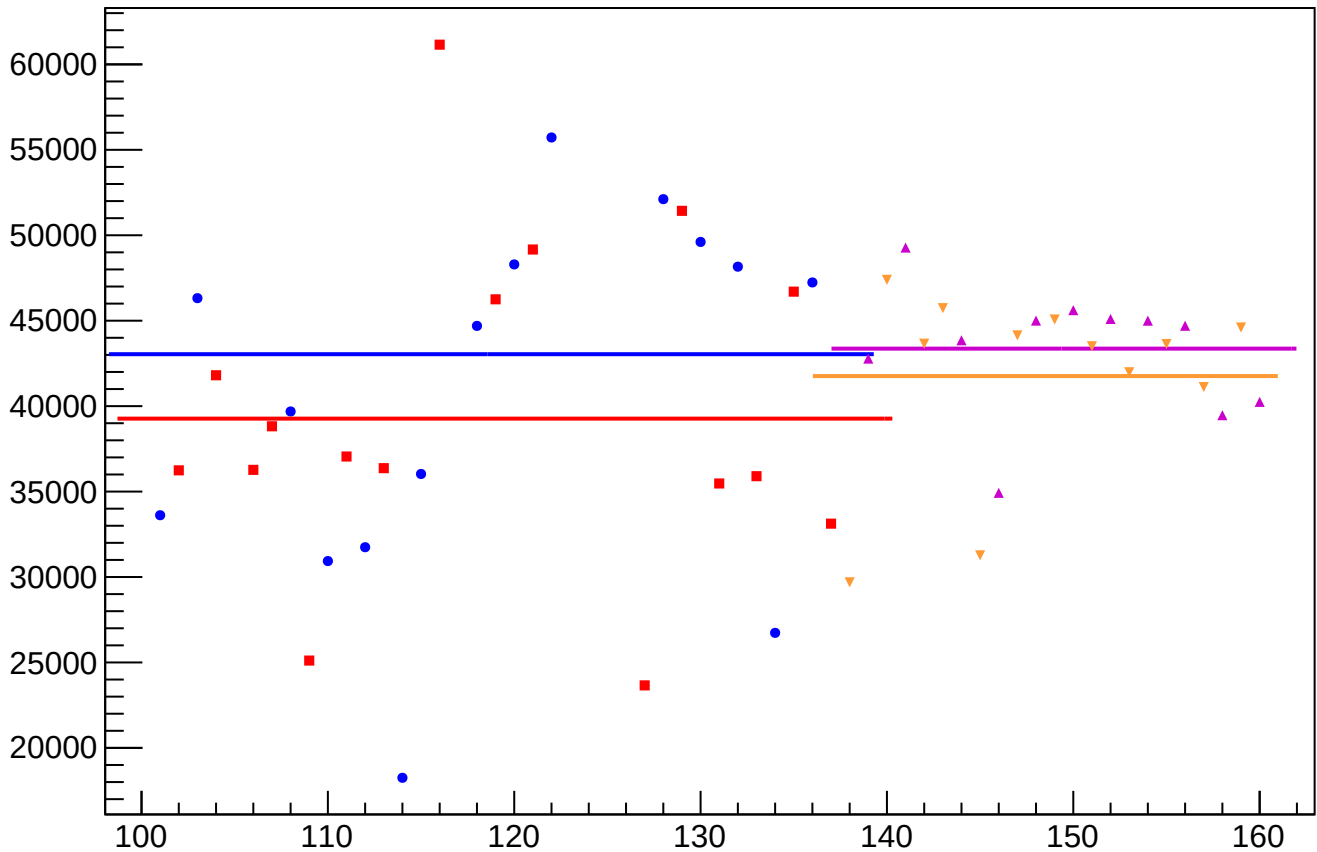
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



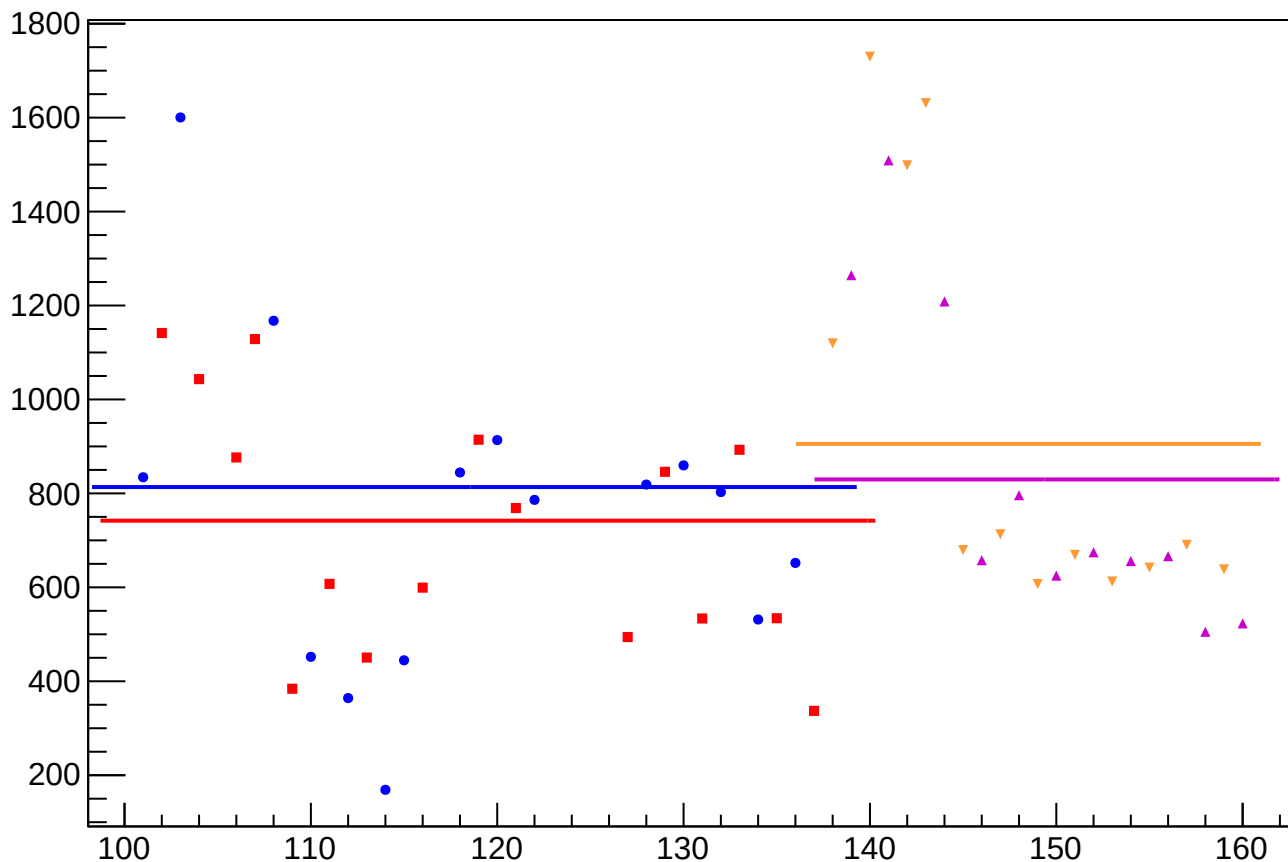
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529
 All: 41966.664+/-0.000 χ^2/NDF : 146263445
 - sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



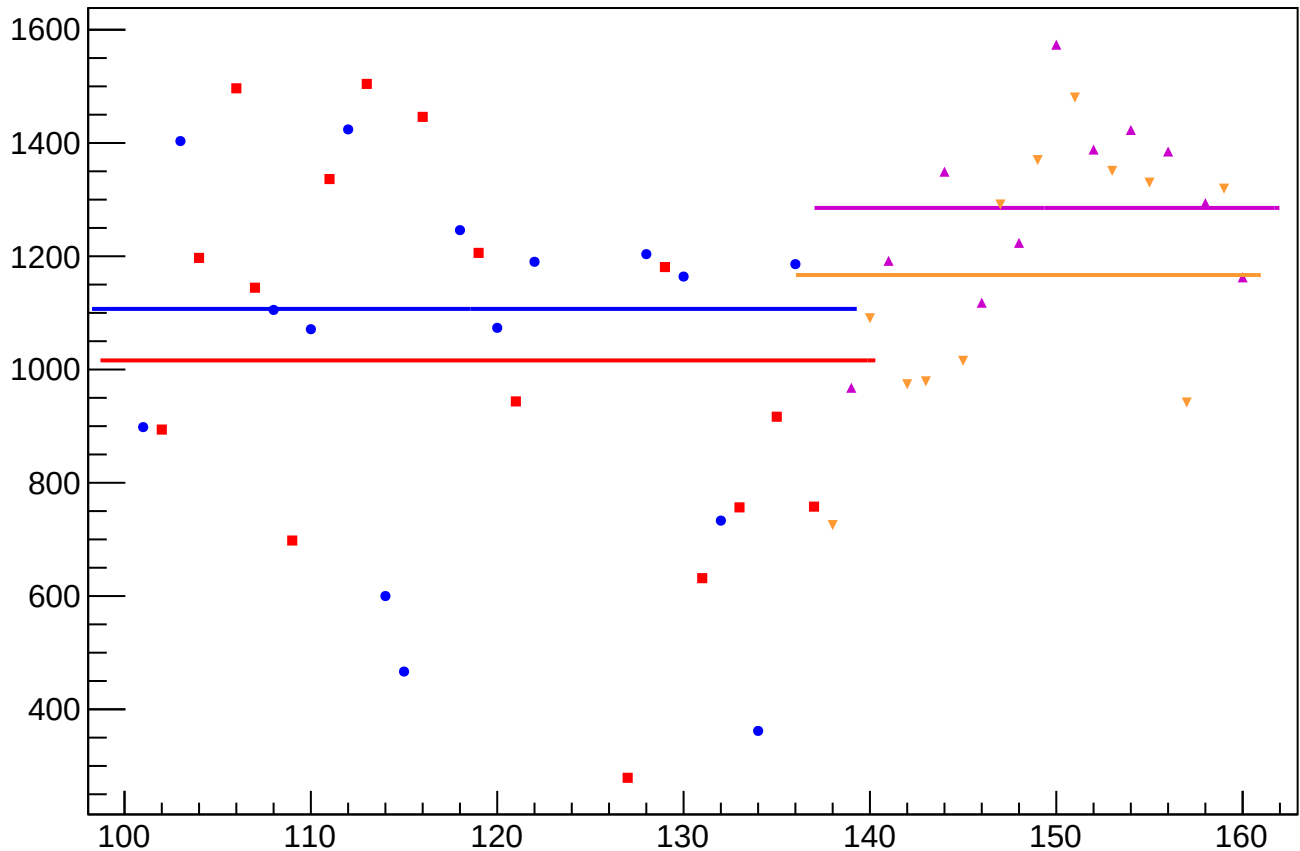
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

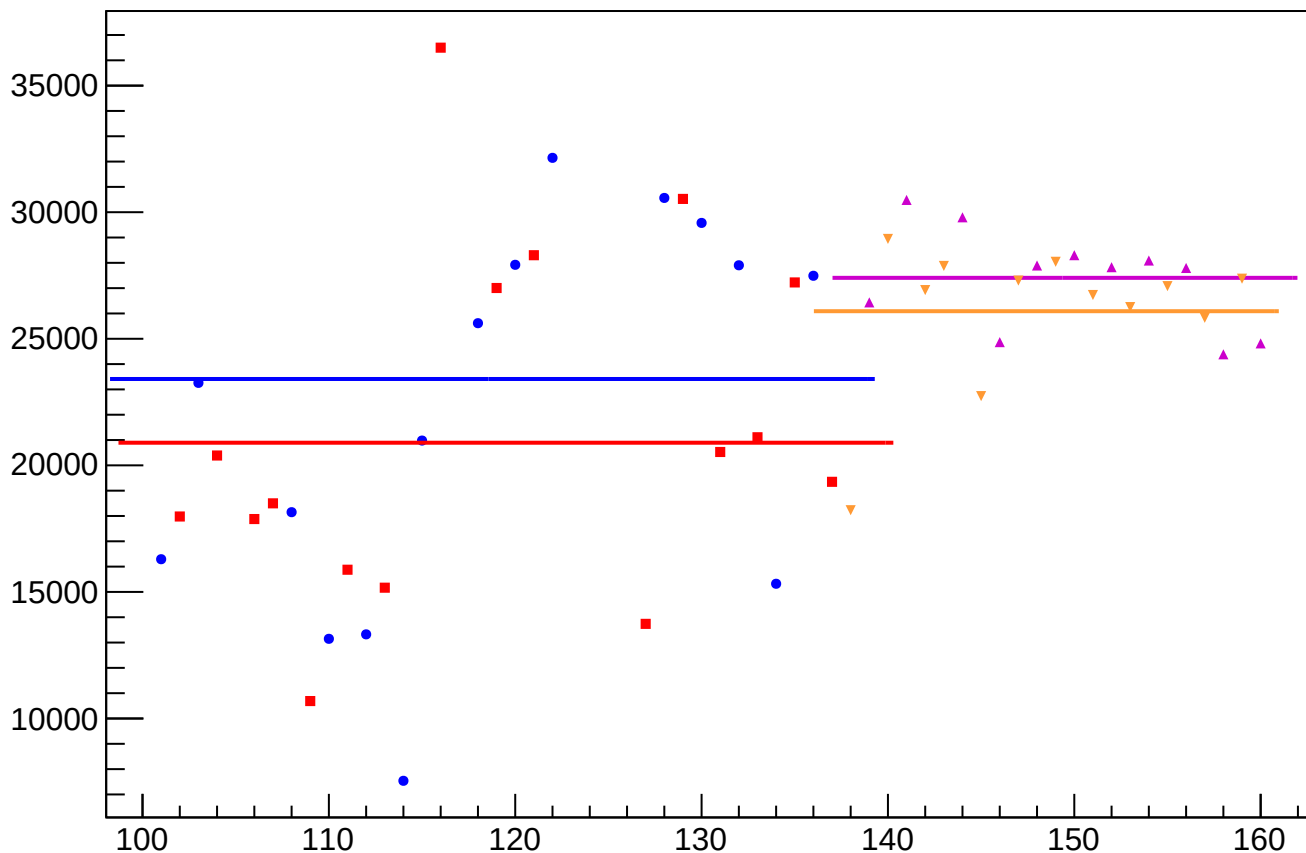
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

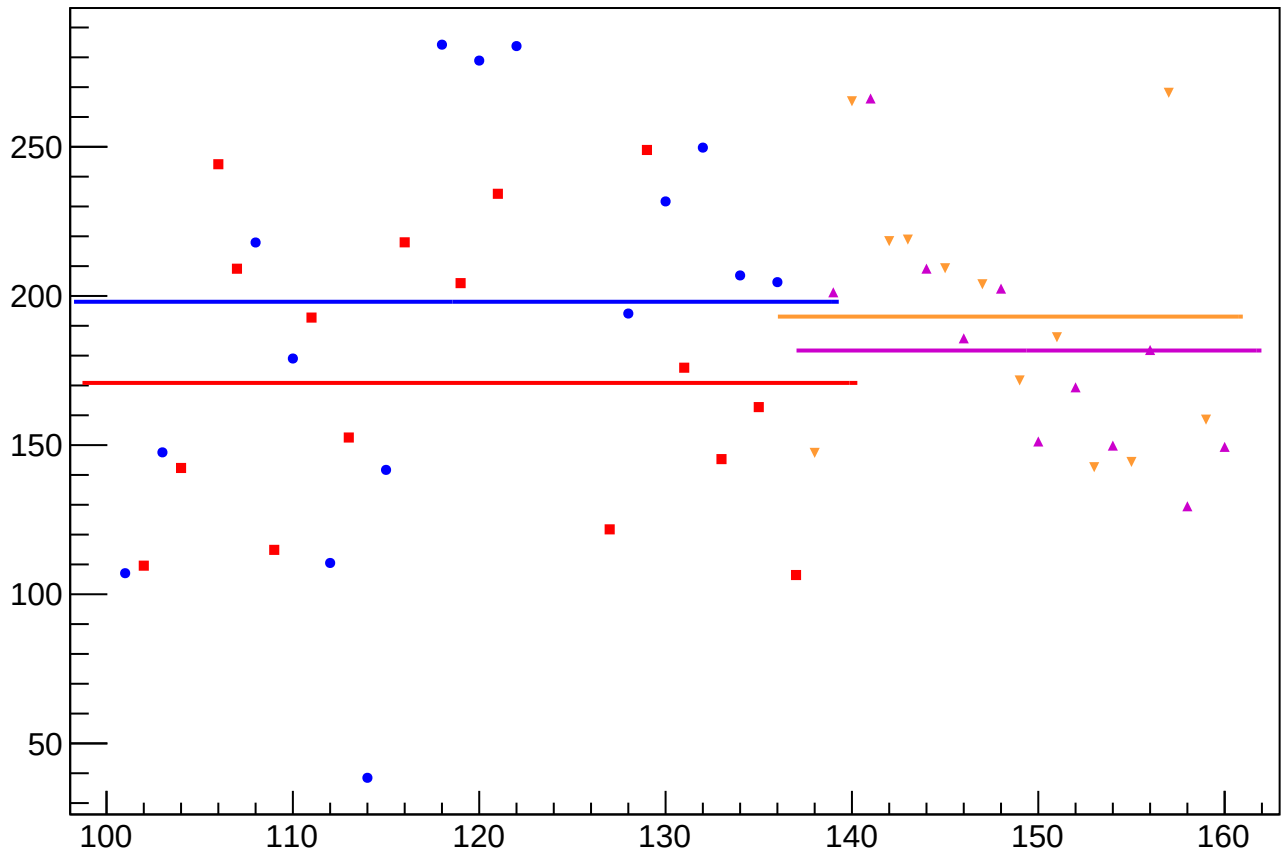
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

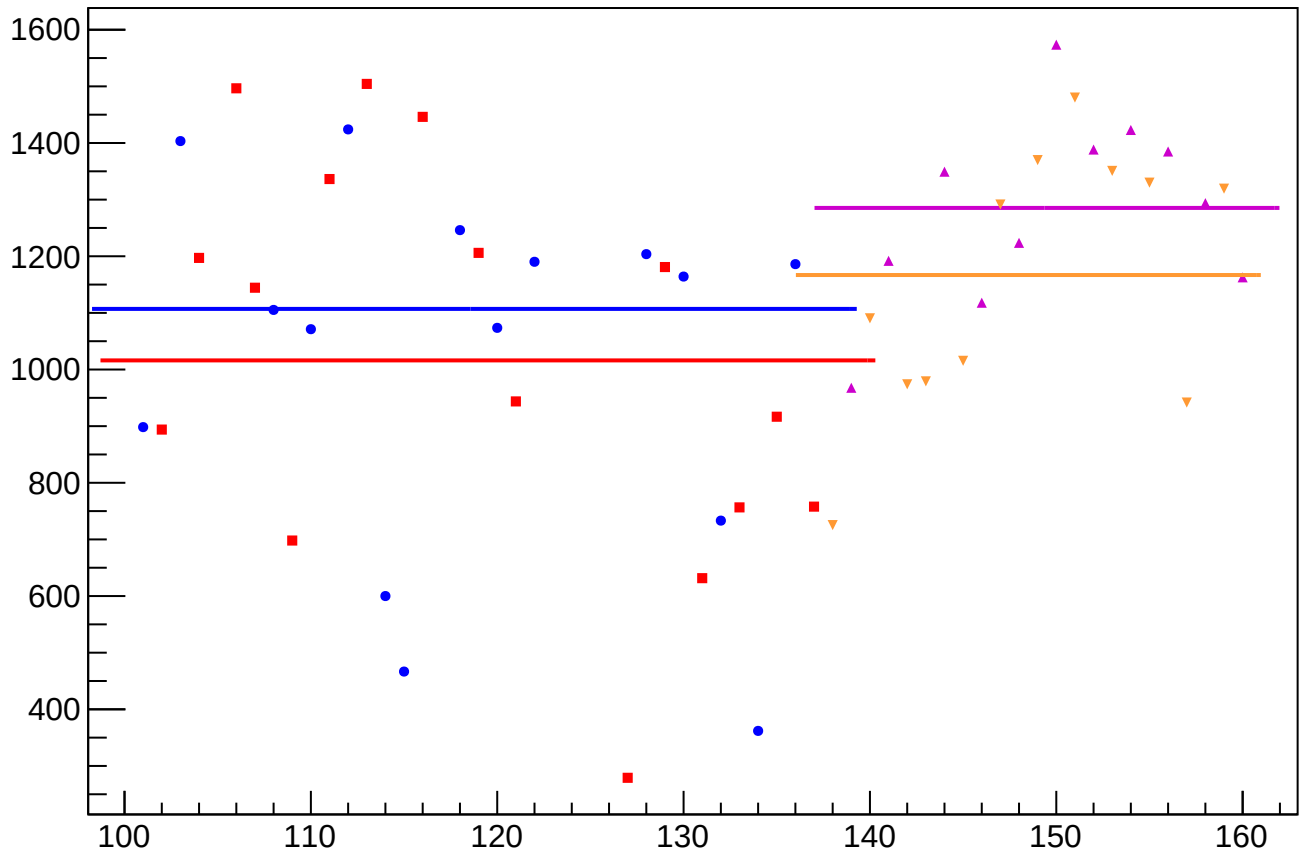
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

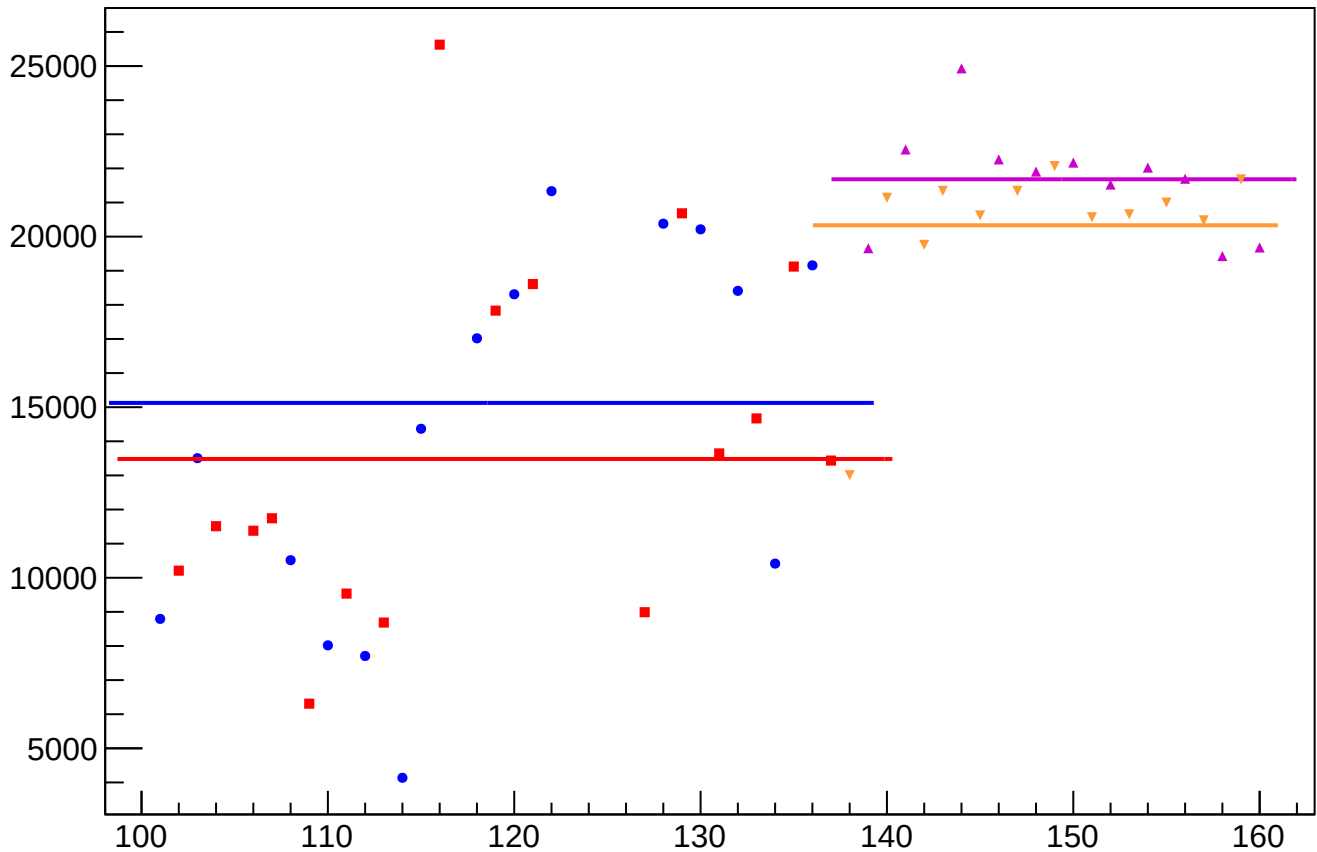
- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

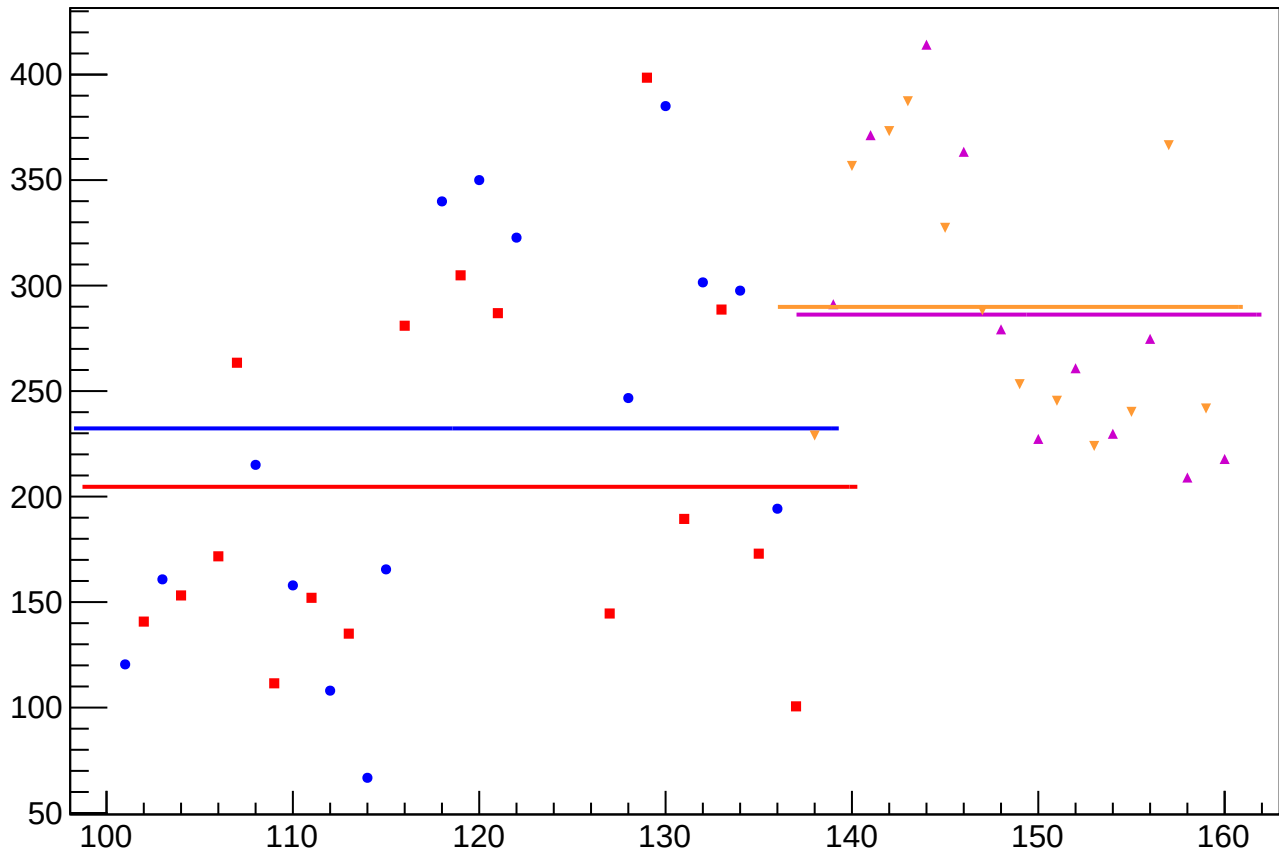
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

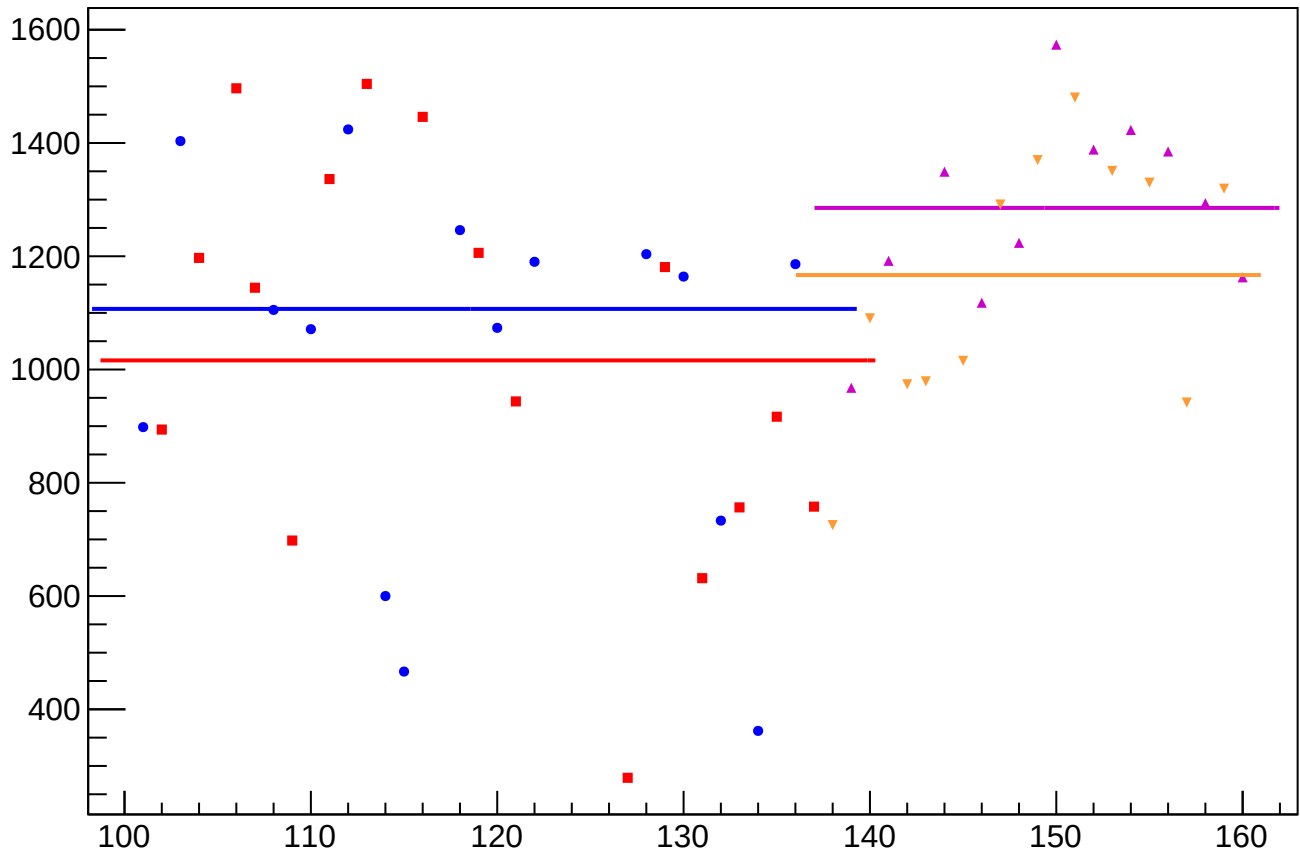
dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

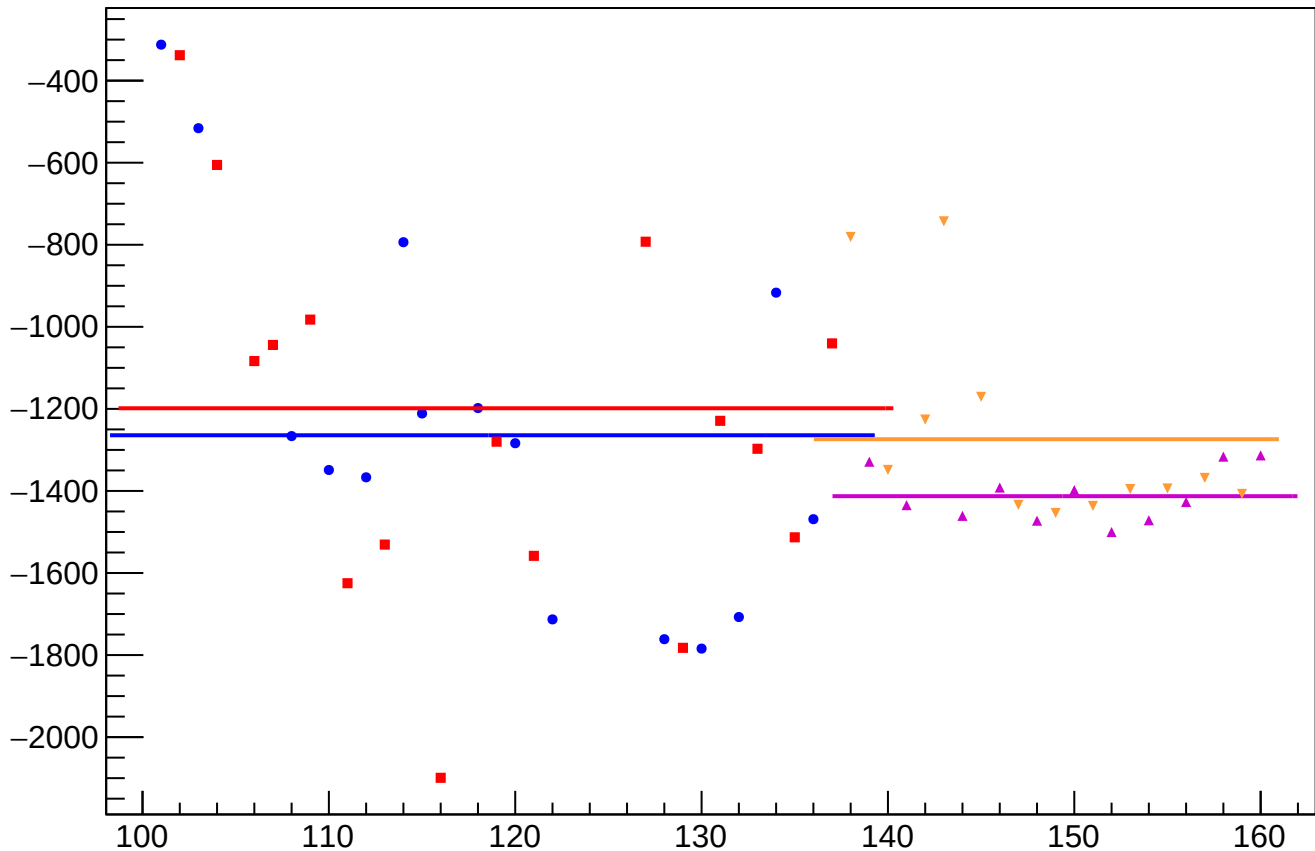
+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



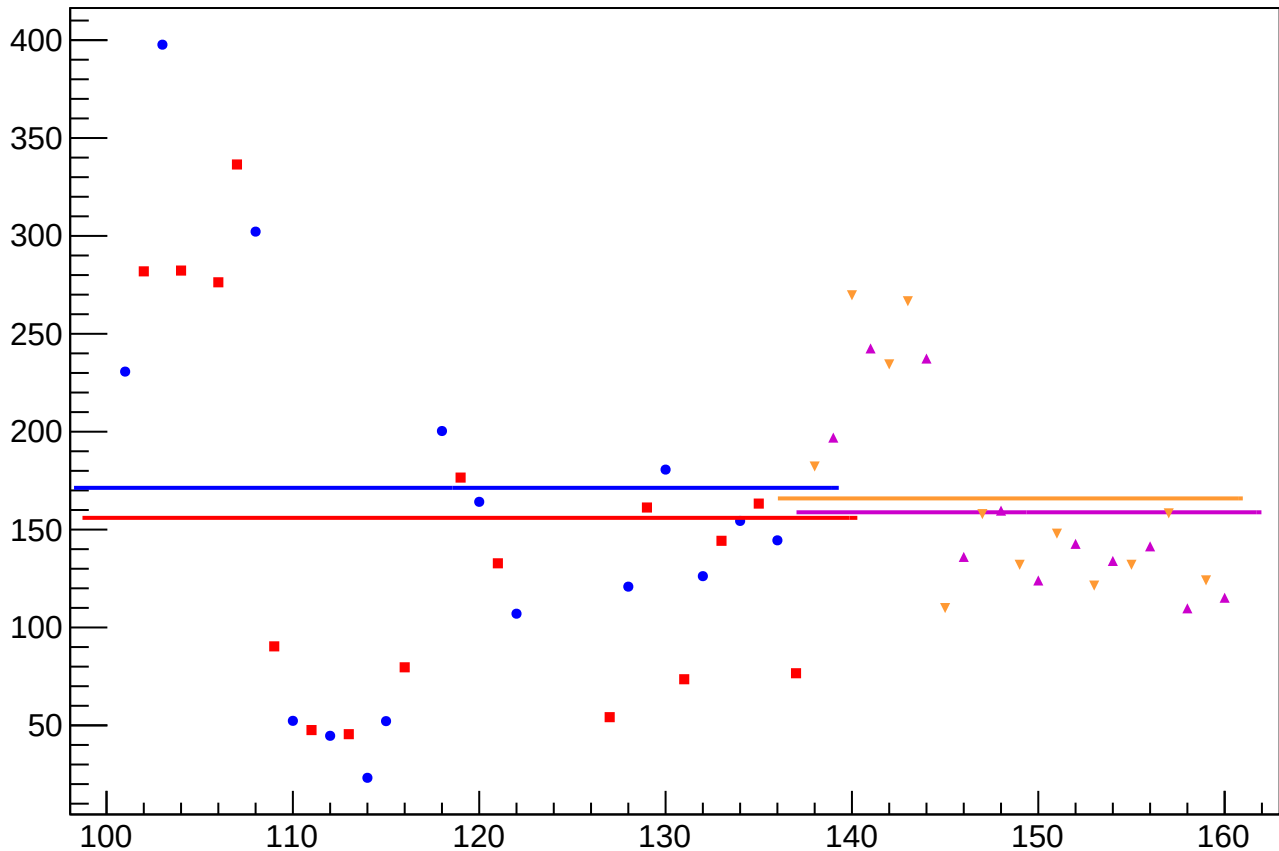
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



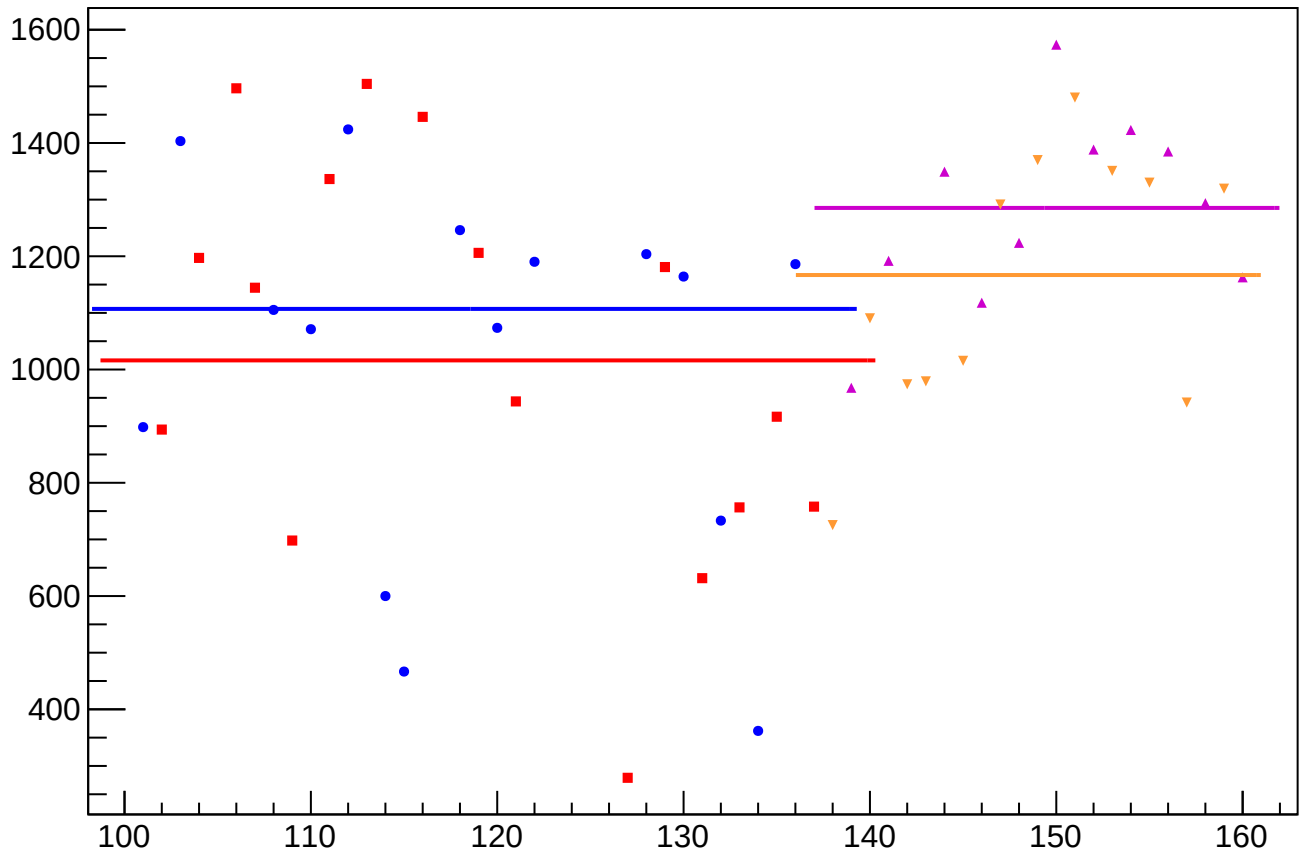
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



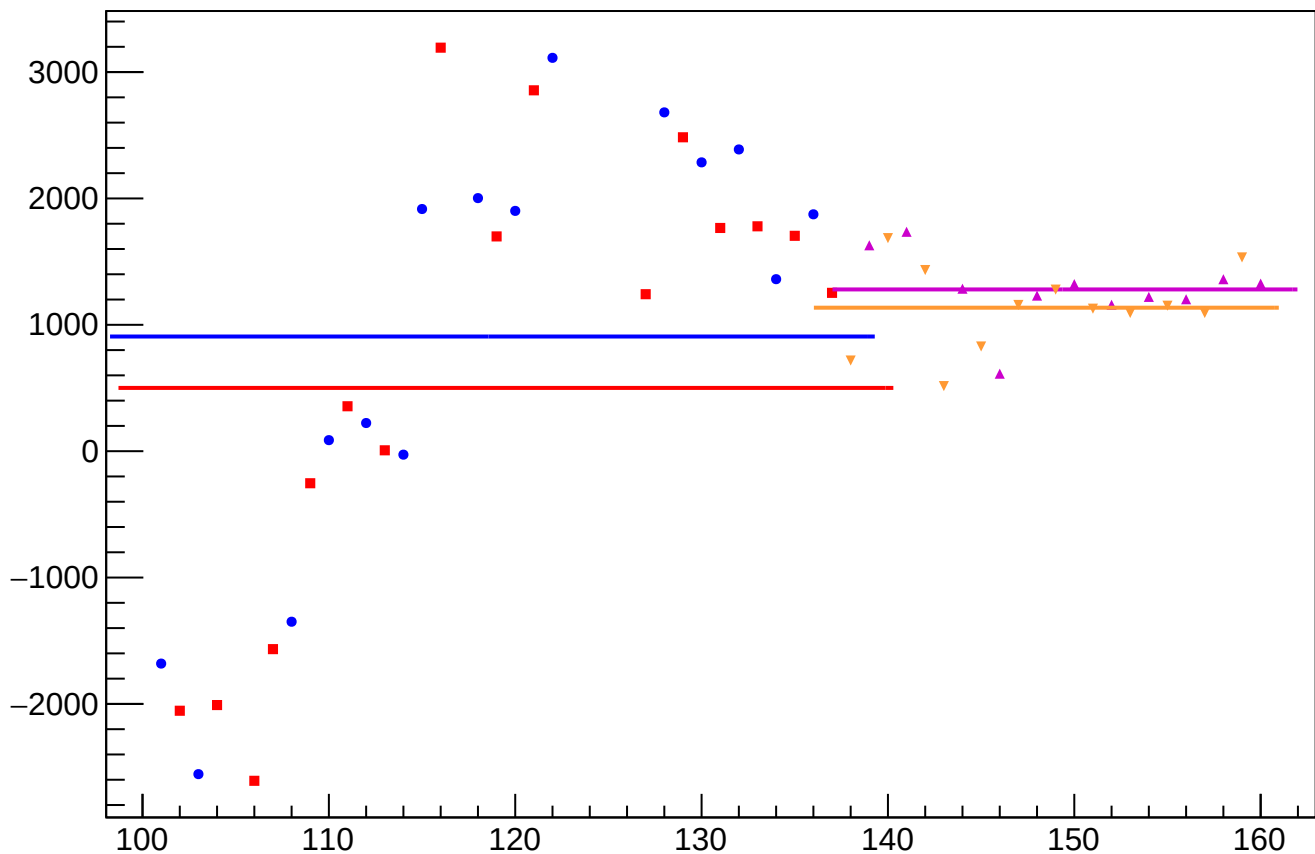
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10
 All: 162.856+/-0.000 χ^2/NDF : 163313195033
 + sign 168.162+/-0.000 χ^2/NDF : 870698624432880
 - sign 157.643+/-0.000 χ^2/NDF : 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

dit_sam8_coil4_mean vs Slug



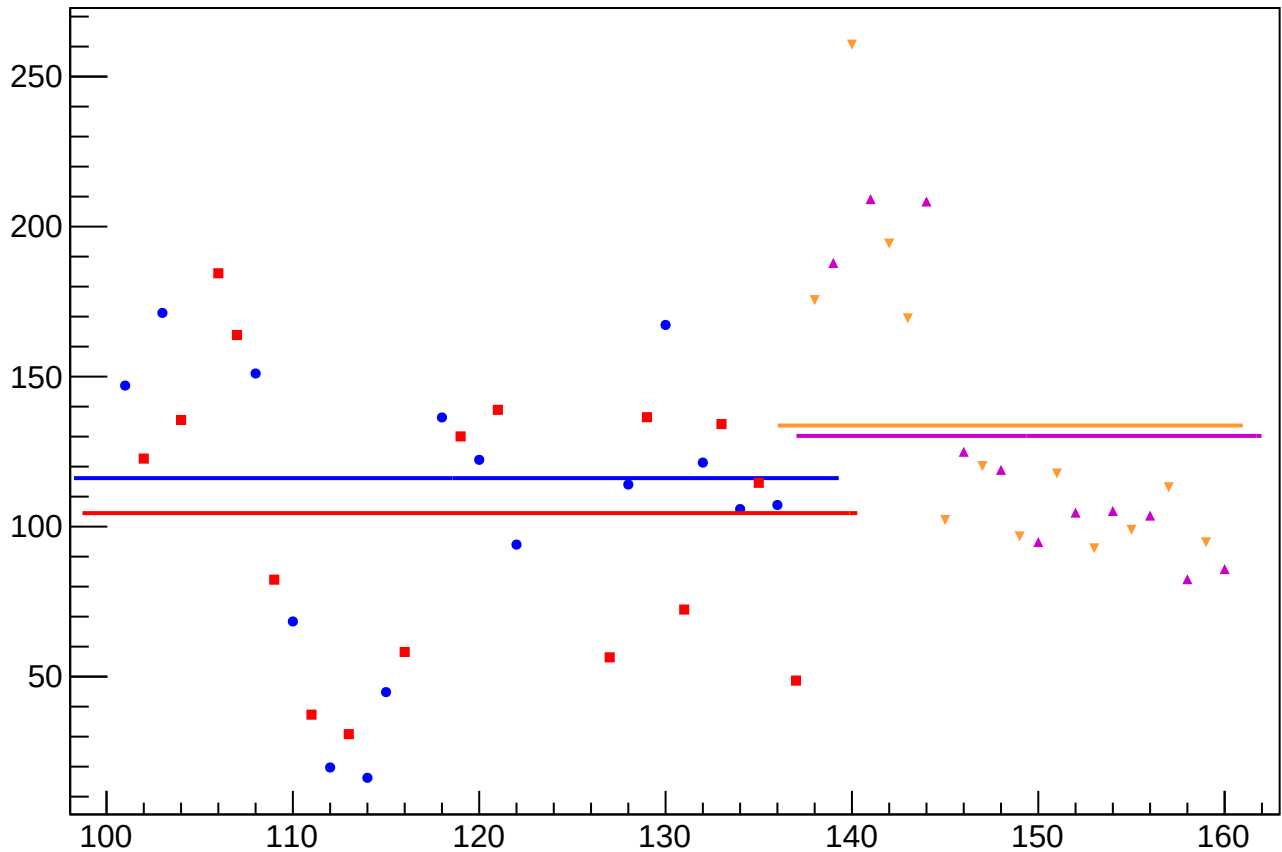
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

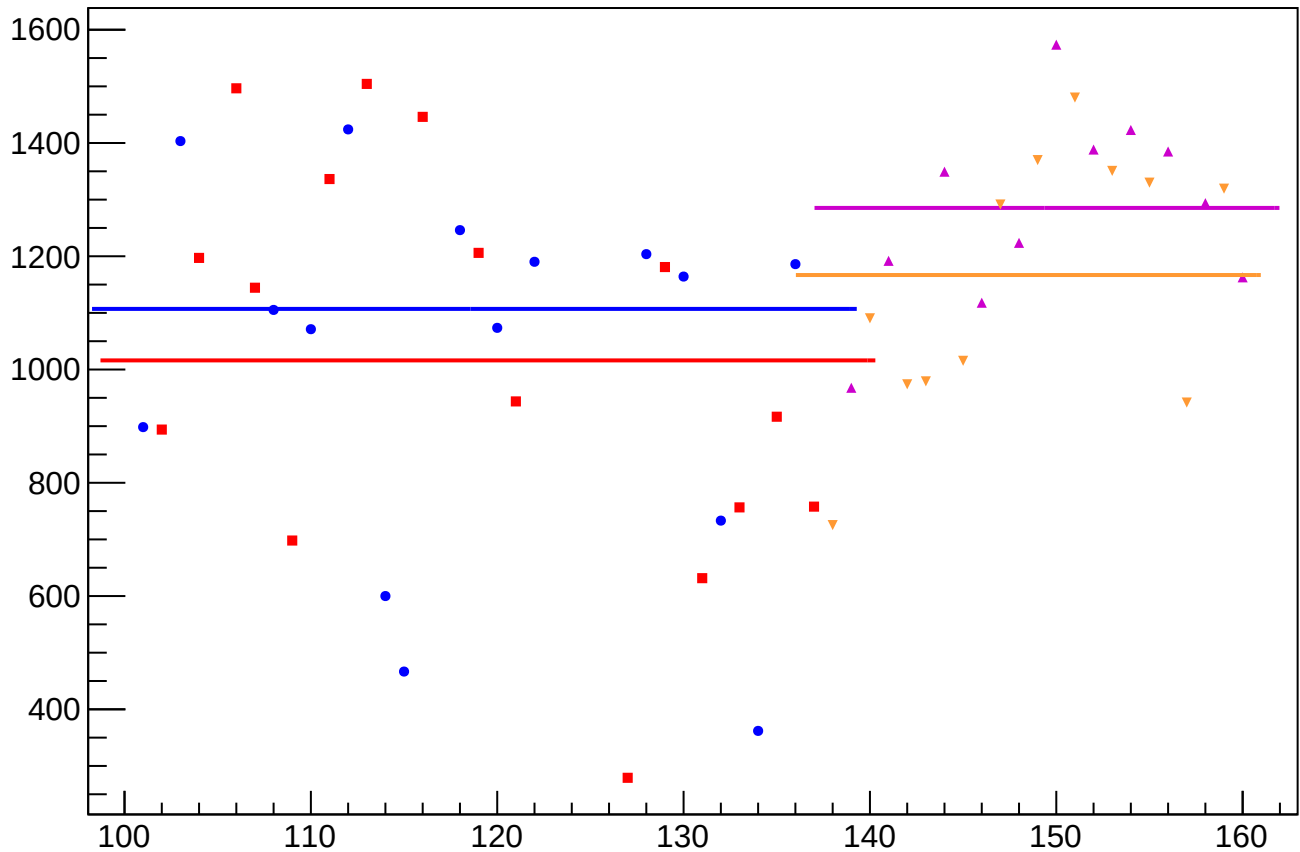
dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14
Left Out: 133.695+/-0.000	χ^2/NDF : 2332238004384262852879386446827356160.0/11
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15
Left In: 130.237+/-0.000	χ^2/NDF : 1968814259217478663576054483231178752.0/10

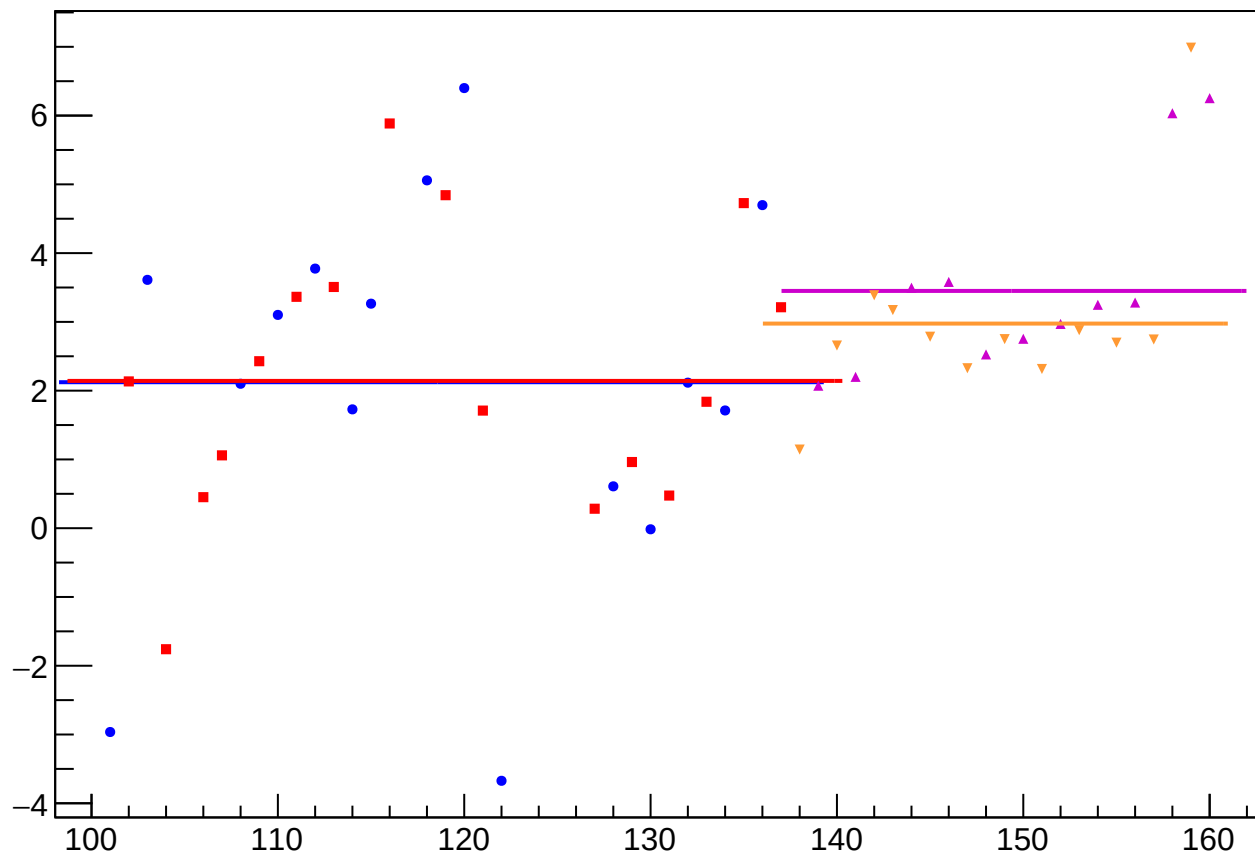
+ sign 126.414+/-0.000 χ^2/NDF : 364747445092715
 All: 122.900+/-0.000 χ^2/NDF : 71971163823
 - sign 119.447+/-0.000 χ^2/NDF : 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

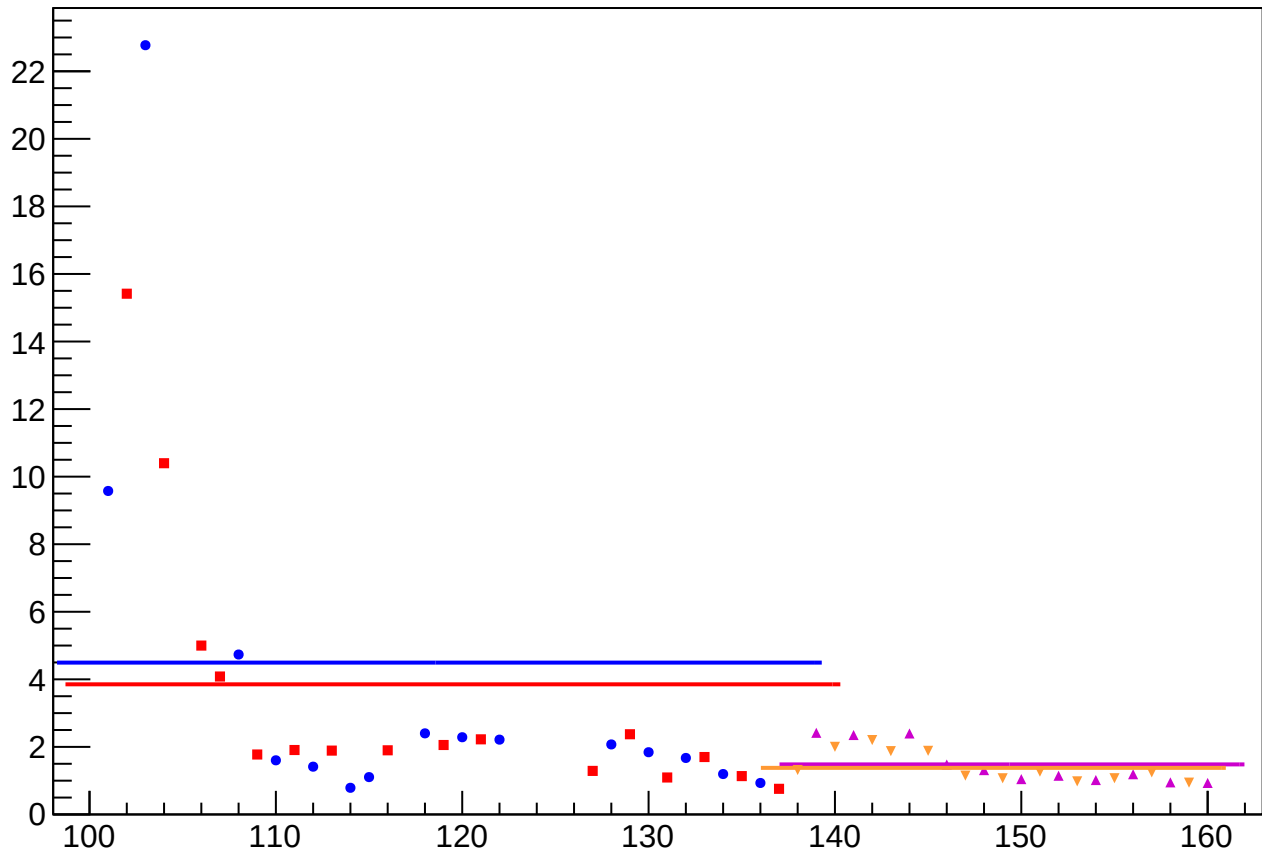
dit_4aX_coil6_mean vs Slug



Right In: 2.123 ± 0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.975 ± 0.000	χ^2/NDF : 1653073452461549310648226194391040.0/11
Right Out: 2.142 ± 0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450 ± 0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

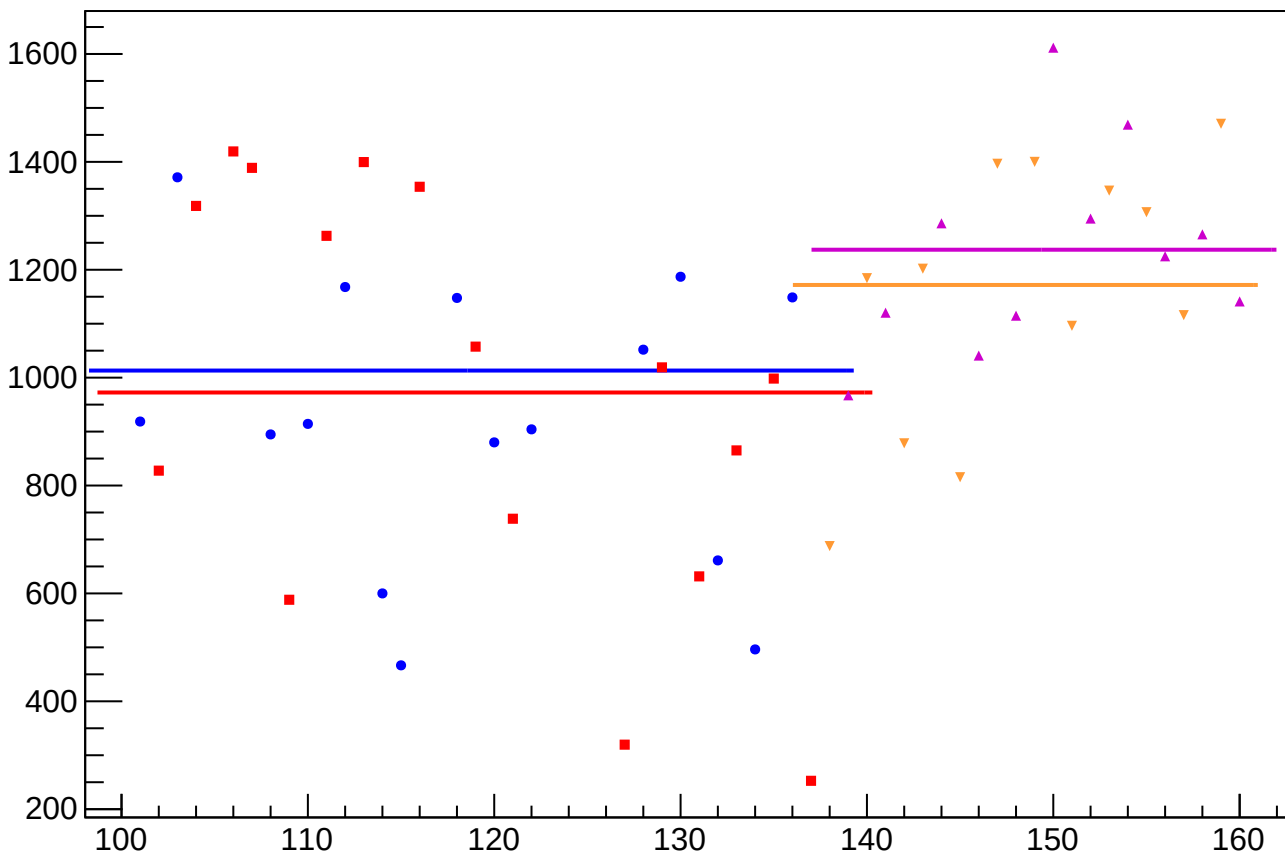
$+ \text{sign } 2.621 \pm 0.000 \quad \chi^2/\text{NDF}: 71926109698373780$
 $\text{All: } 2.763 \pm 0.000 \quad \chi^2/\text{NDF}: 11942737584809$
 $- \text{sign } 2.902 \pm 0.000 \quad \chi^2/\text{NDF}: 46881653143346508$

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11
 Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10
 All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447.0/10
 + sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683.0/10
 - sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

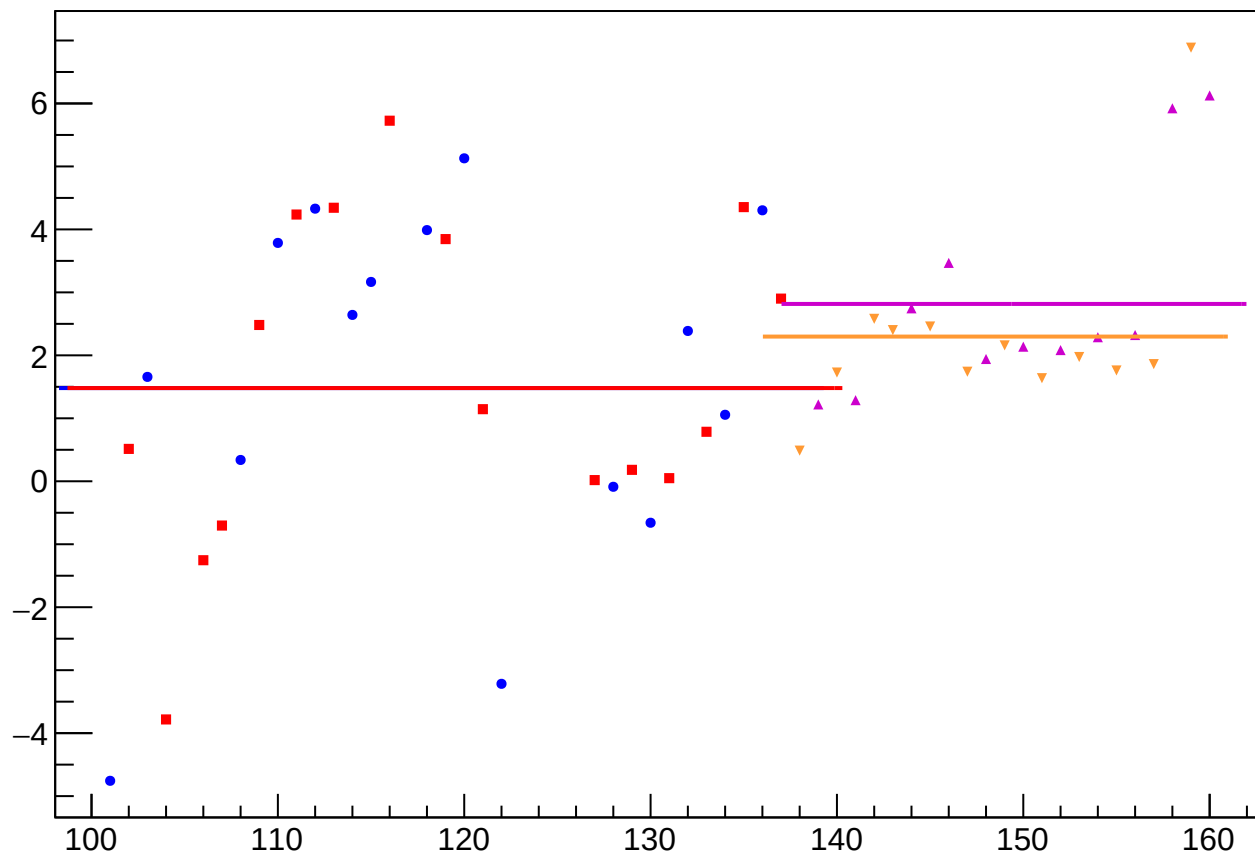
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

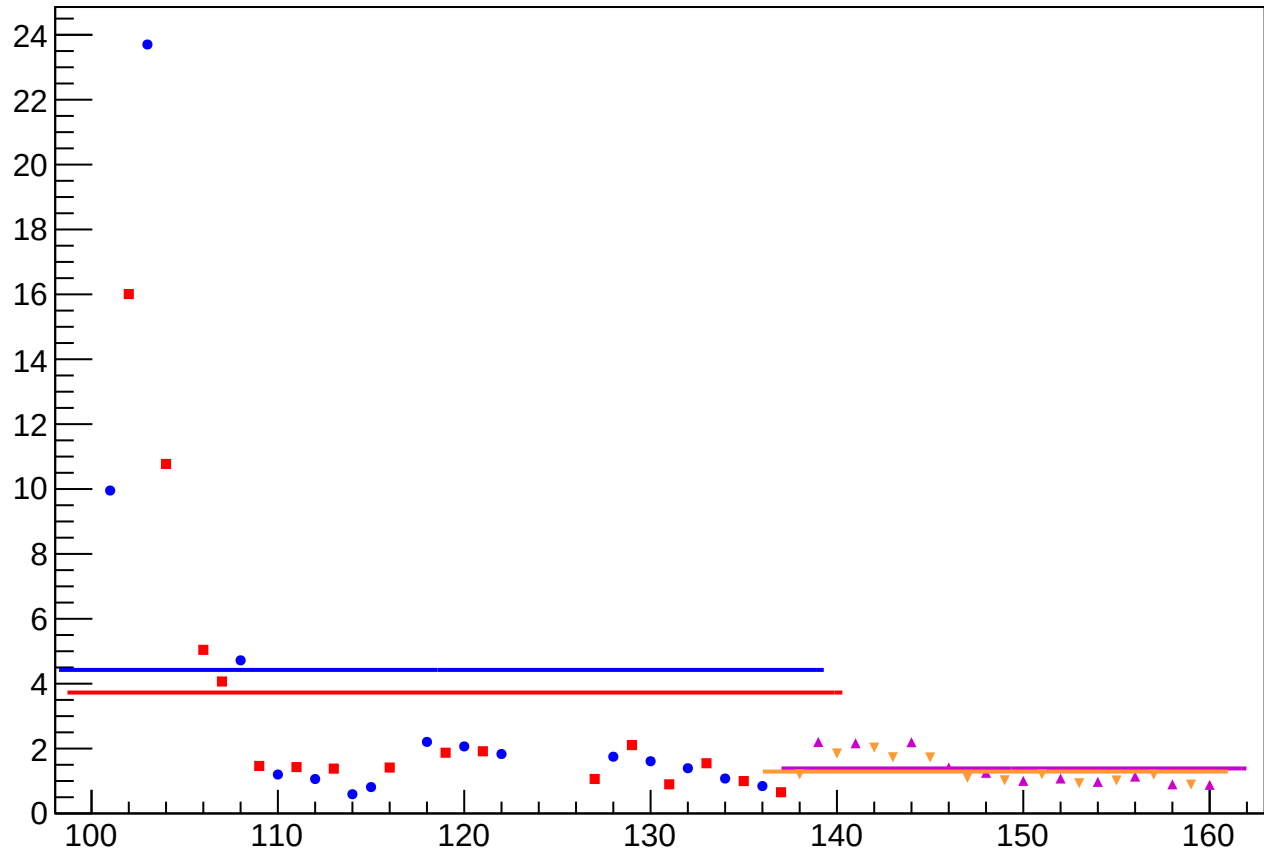
dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000	χ^2/NDF : 5799670695902784459055767987683328.0/14
Left Out: 2.298+/-0.000	χ^2/NDF : 2079870991739780462593334803693568.0/11
Right Out: 1.480+/-0.000	χ^2/NDF : 4092645800613765572662987820367872.0/15
Left In: 2.816+/-0.000	χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF : 81334773001182979
 All: 2.109+/-0.000 χ^2/NDF : 15218379370263
 - sign 2.256+/-0.000 χ^2/NDF : 70149440633078184

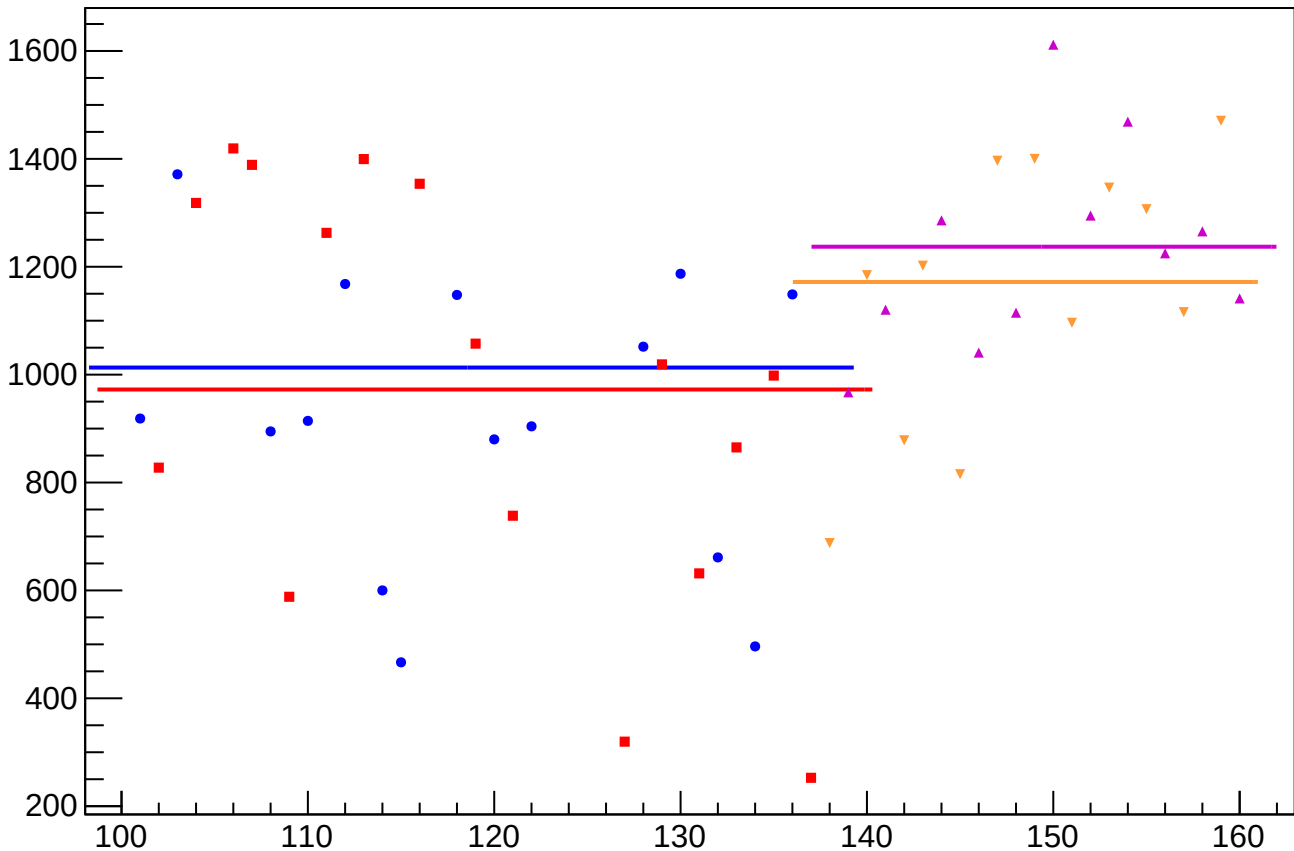
dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000	χ^2/NDF : 28257459272876210608839830473277440.0/14
Left Out: 1.291+/-0.000	χ^2/NDF : 119201725618452190917490324275200.0/11
Right Out: 3.727+/-0.000	χ^2/NDF : 13991816814749842519794284853460992.0/15
Left In: 1.387+/-0.000	χ^2/NDF : 245381205913734368947829561360384.0/10

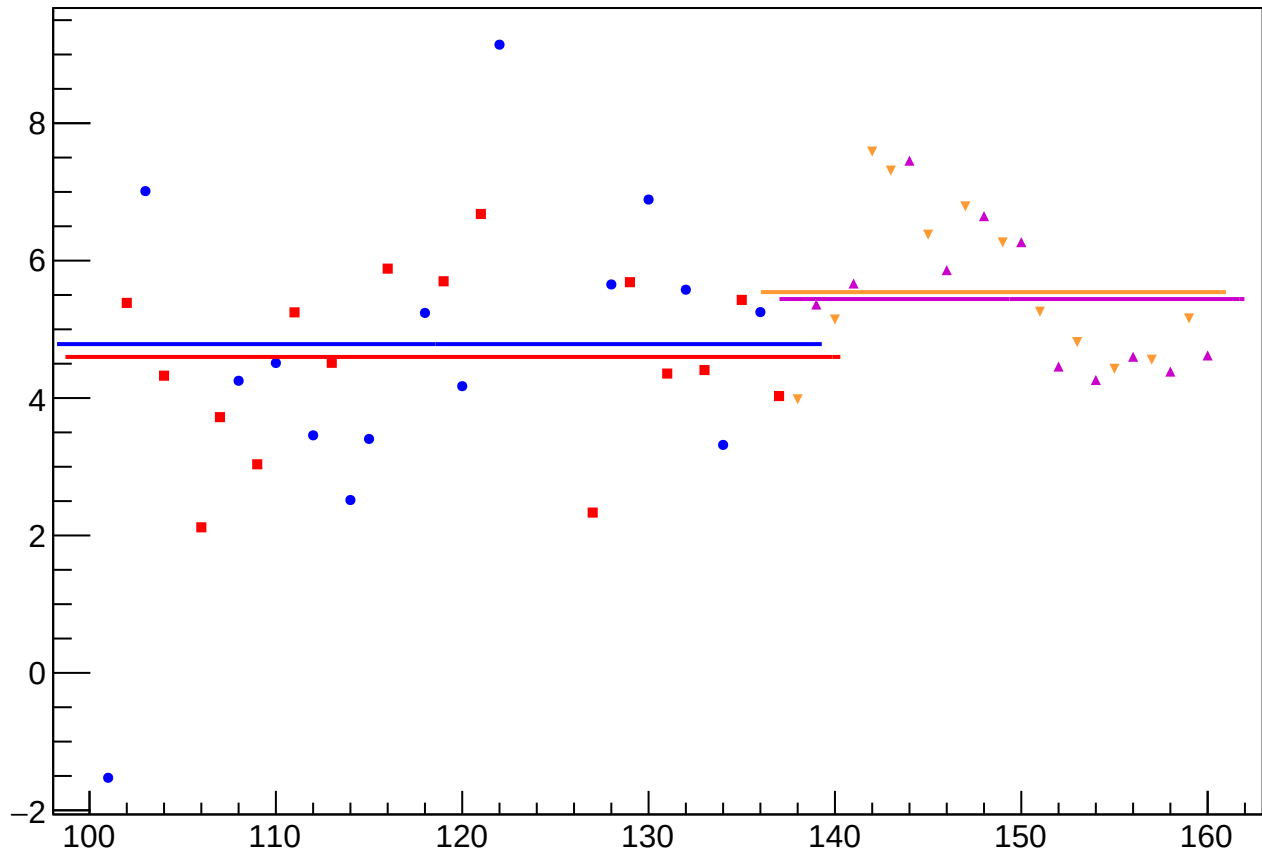
+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359
 All: 2.479+/-0.000 χ^2/NDF : 48501017381547
 - sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

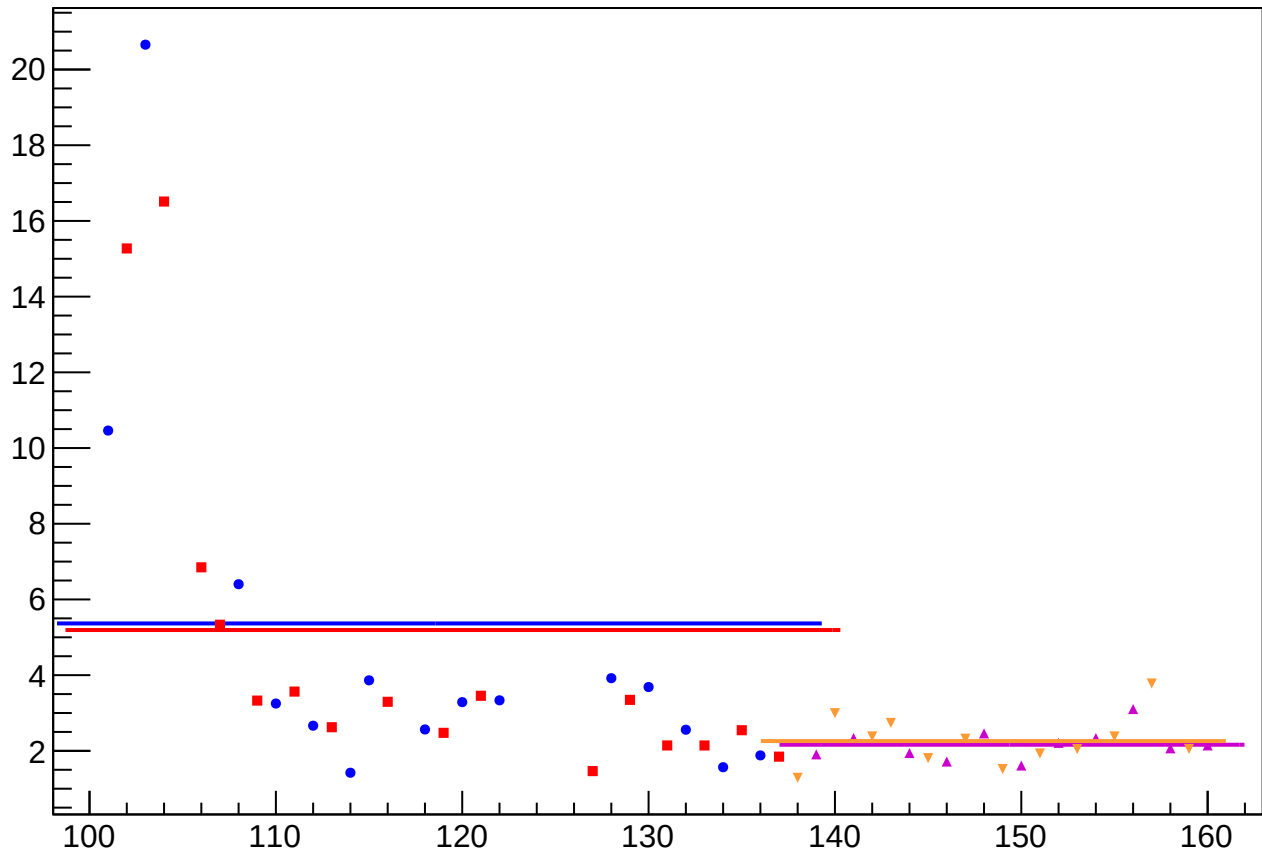
Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF : 52775278537093166

All: 5.157+/-0.000 χ^2/NDF : 75267523831807

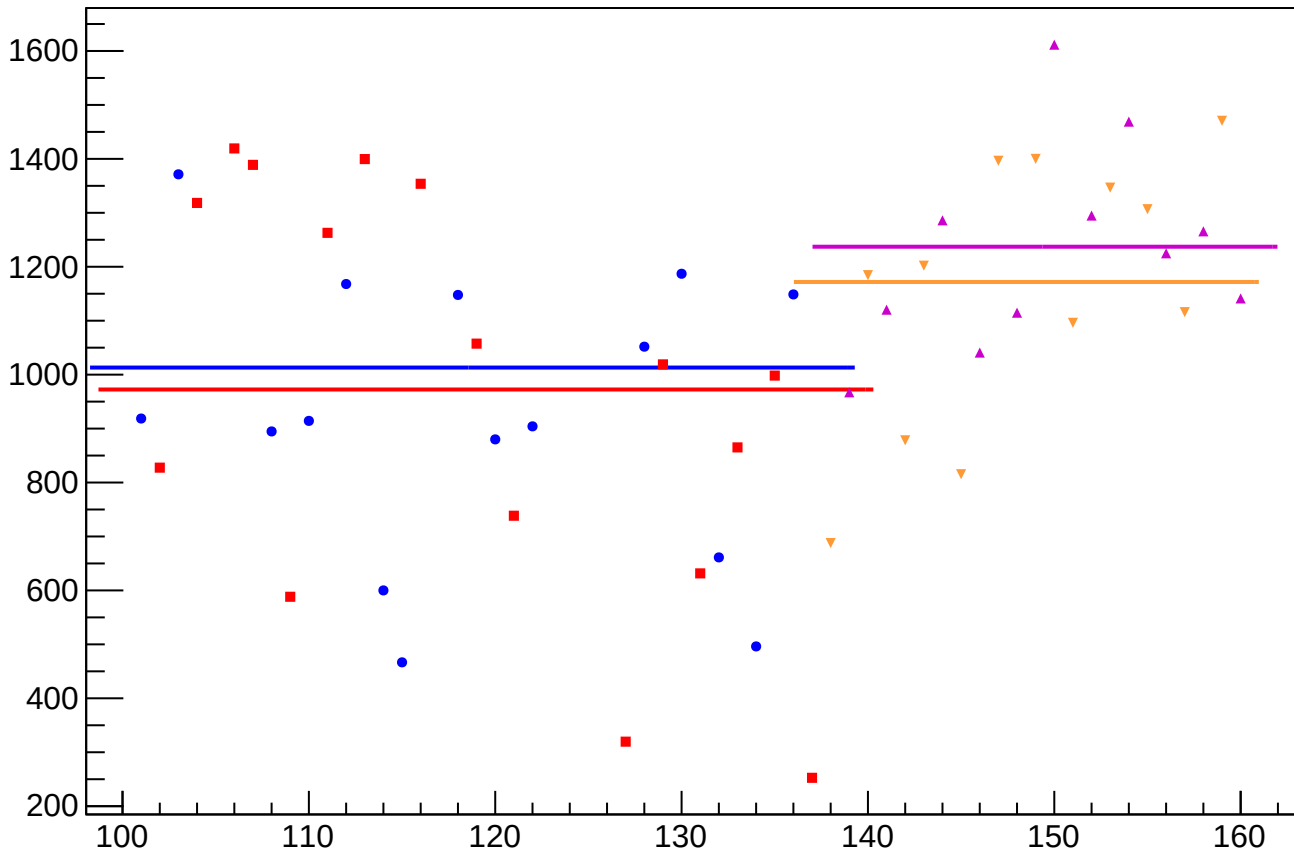
- sign 5.088+/-0.000 χ^2/NDF : 22337713953374815

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Left Out: 2.259 $\pm$ 0.000 χ^2/NDF : 395399614951959116127821516242944.0/11
 Right Out: 5.192 $\pm$ 0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Left In: 2.162 $\pm$ 0.000 χ^2/NDF : 138367938839103248546751049629696.0/10

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

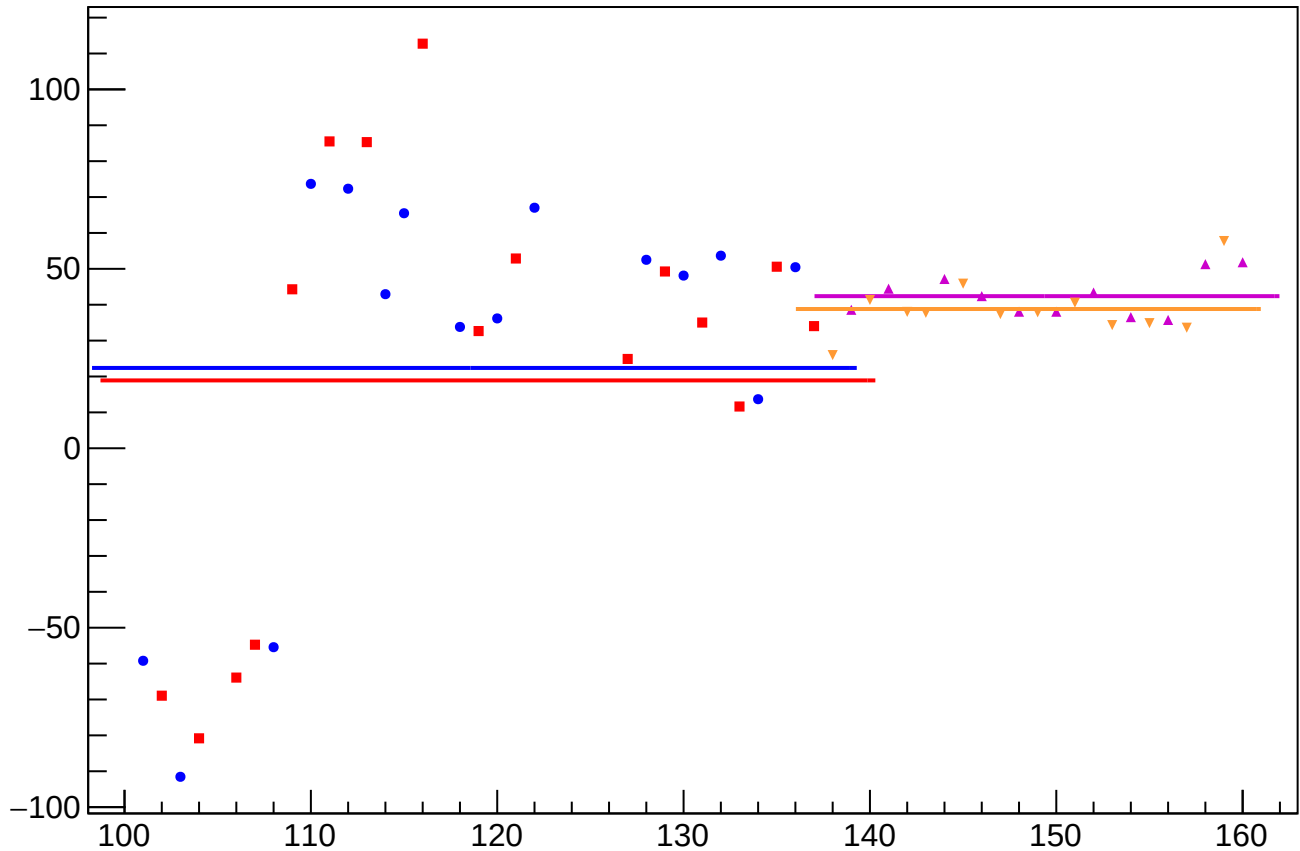
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

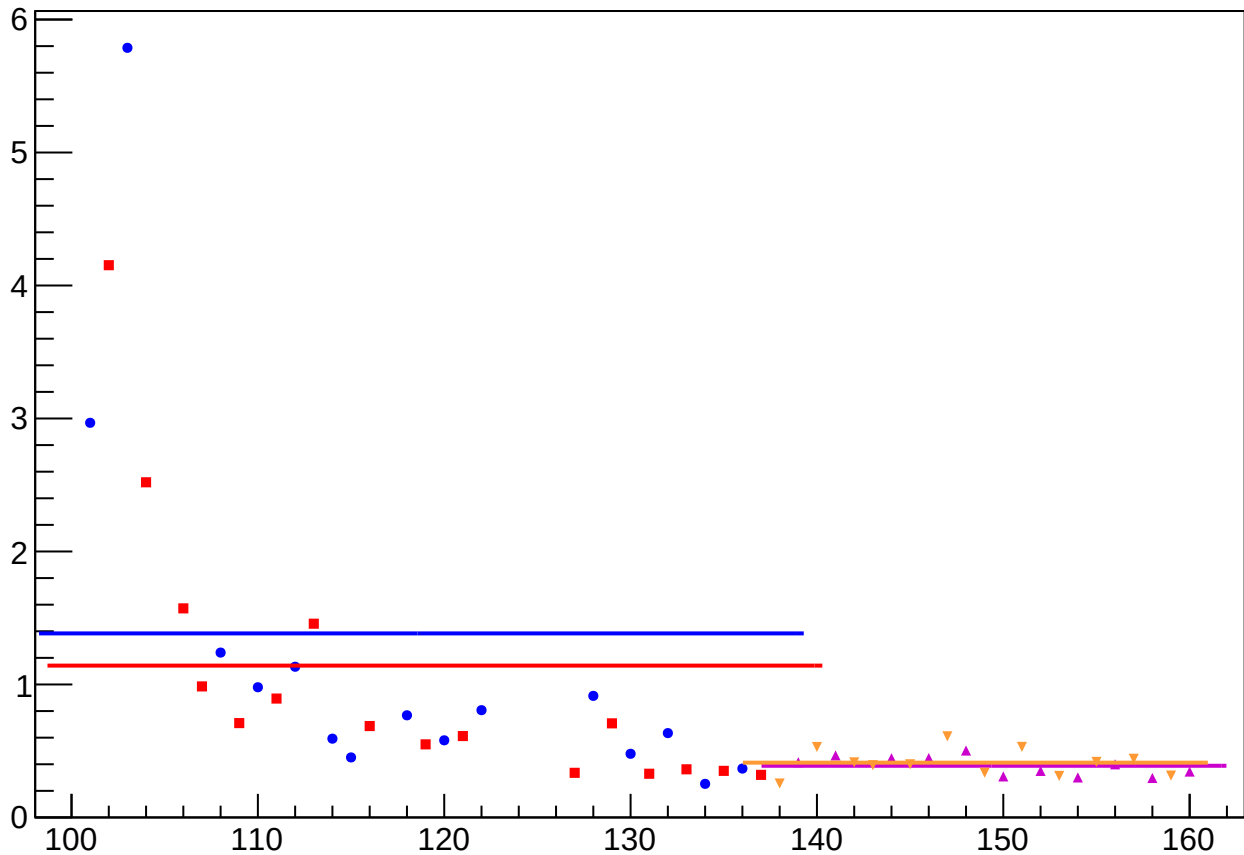
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

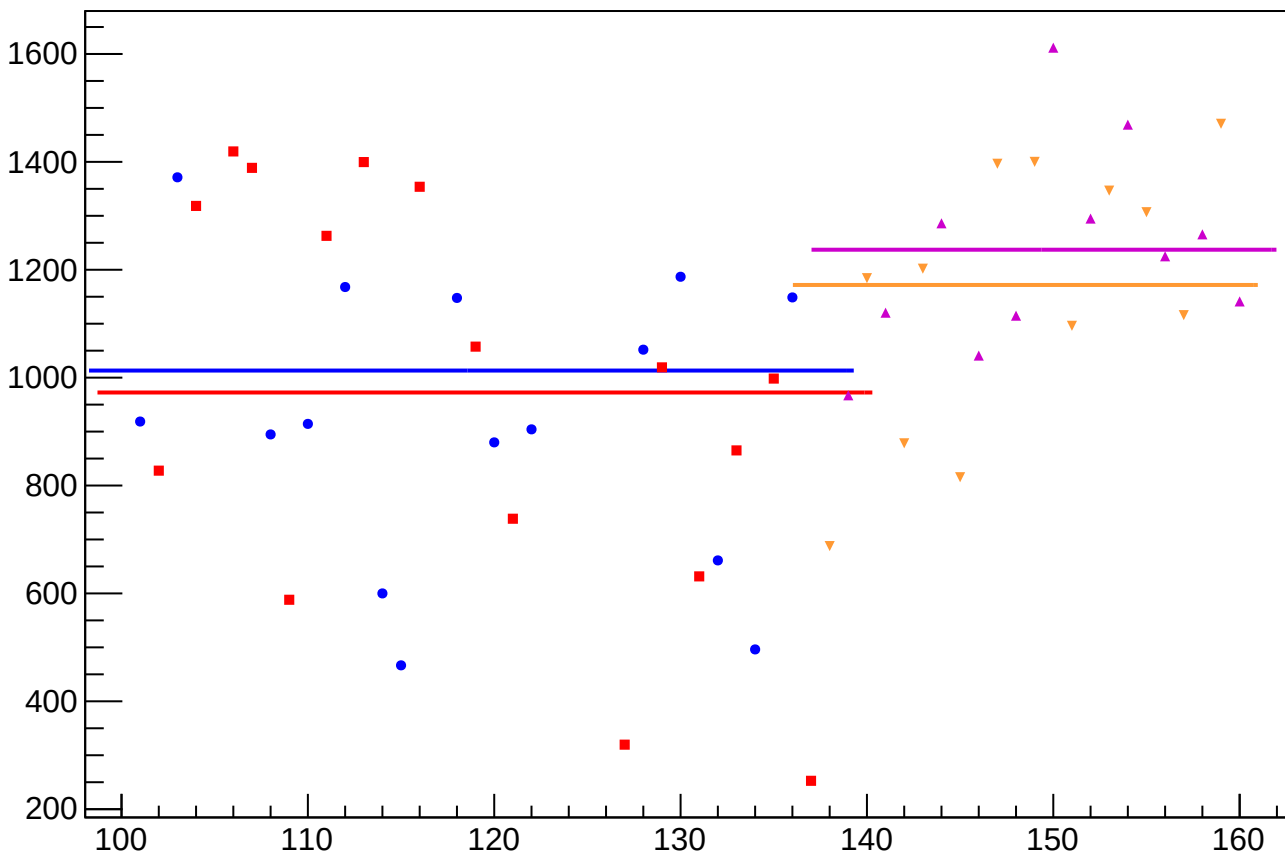
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000	χ^2/NDF : 1571159324102064120487940936695808.0/14	+ sign 0.816+/-0.000	χ^2/NDF : 19389895341035378
Left Out: 0.412+/-0.000	χ^2/NDF : 9382414275472018674983467220992.0/11	All: 0.760+/-0.000	χ^2/NDF : 2983619505756
Right Out: 1.142+/-0.000	χ^2/NDF : 810680738285448955223066212827136.0/15	- sign 0.704+/-0.000	χ^2/NDF : 10348725978885865
Left In: 0.389+/-0.000	χ^2/NDF : 4468112130112640641394154668032.0/10		

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

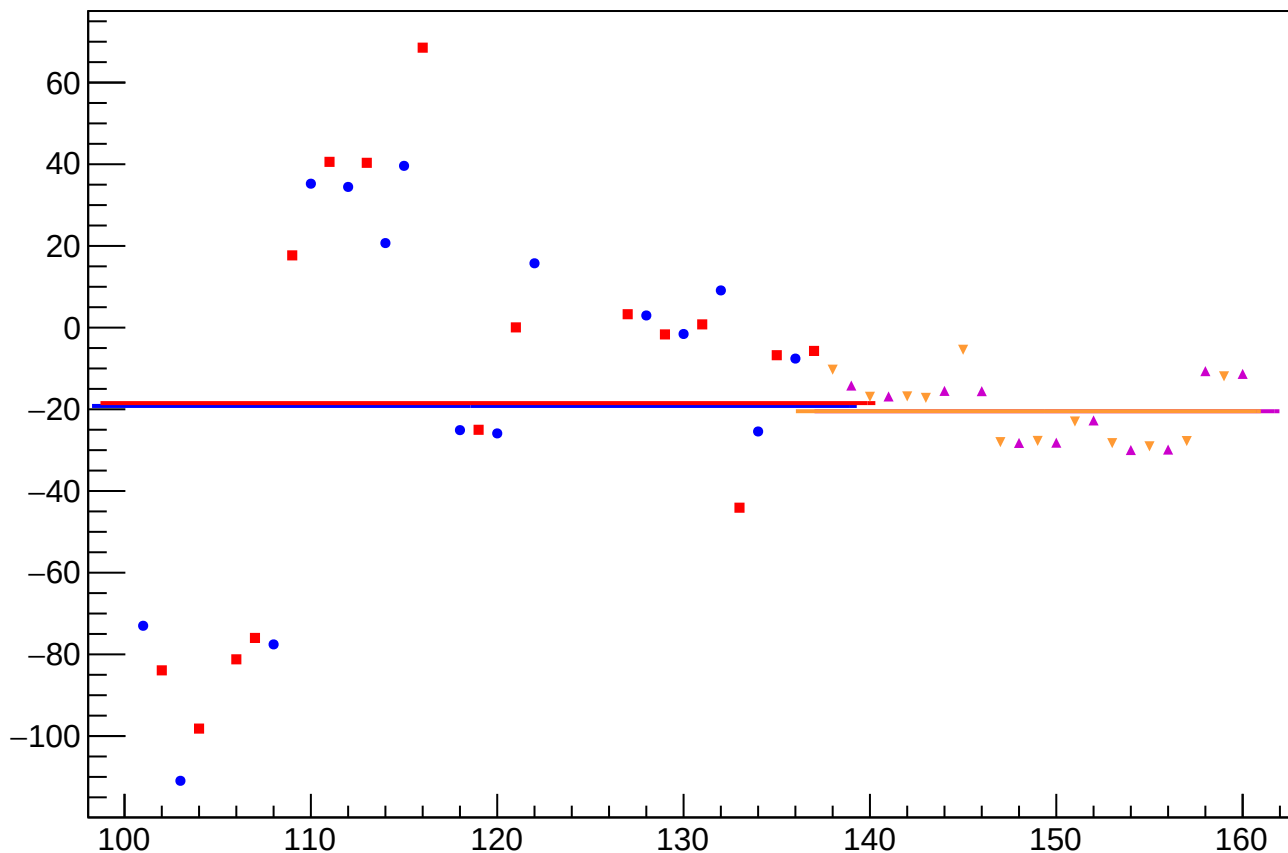
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

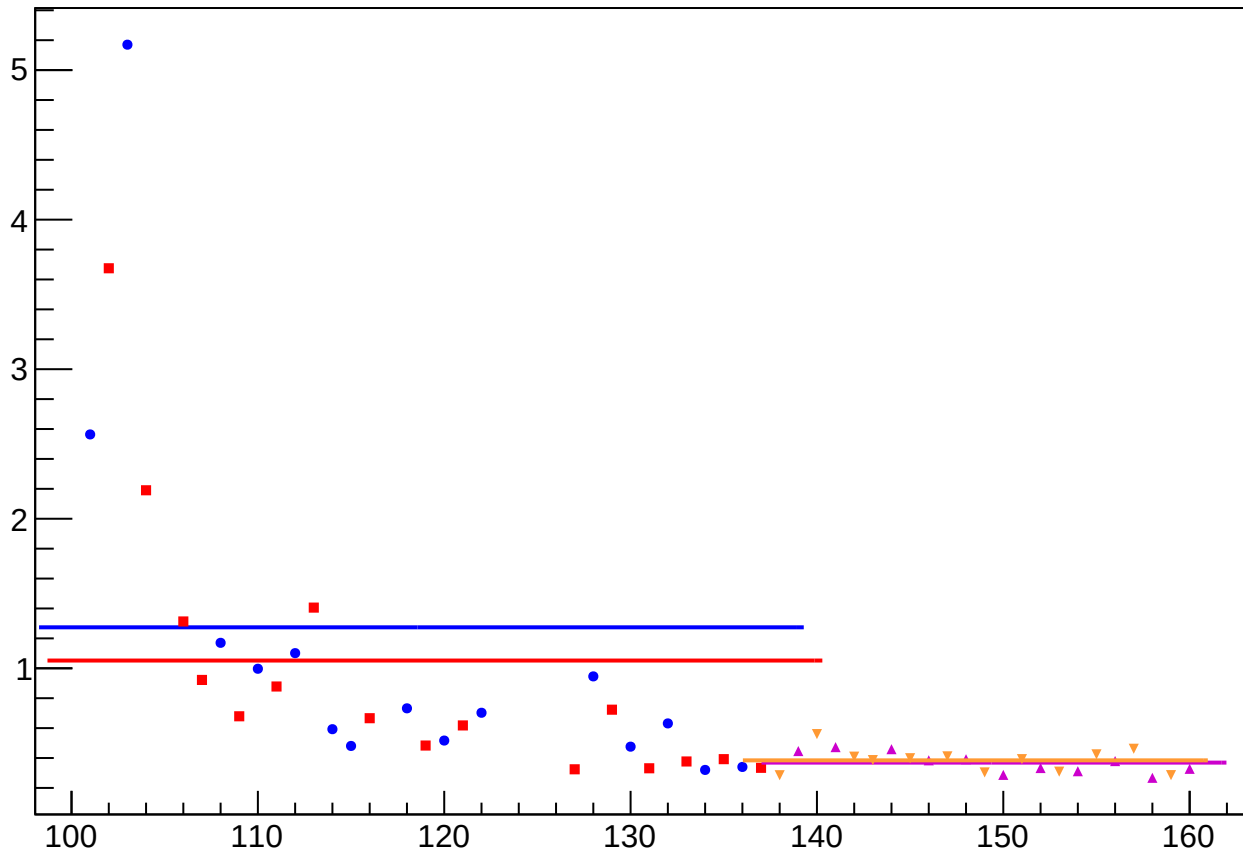
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

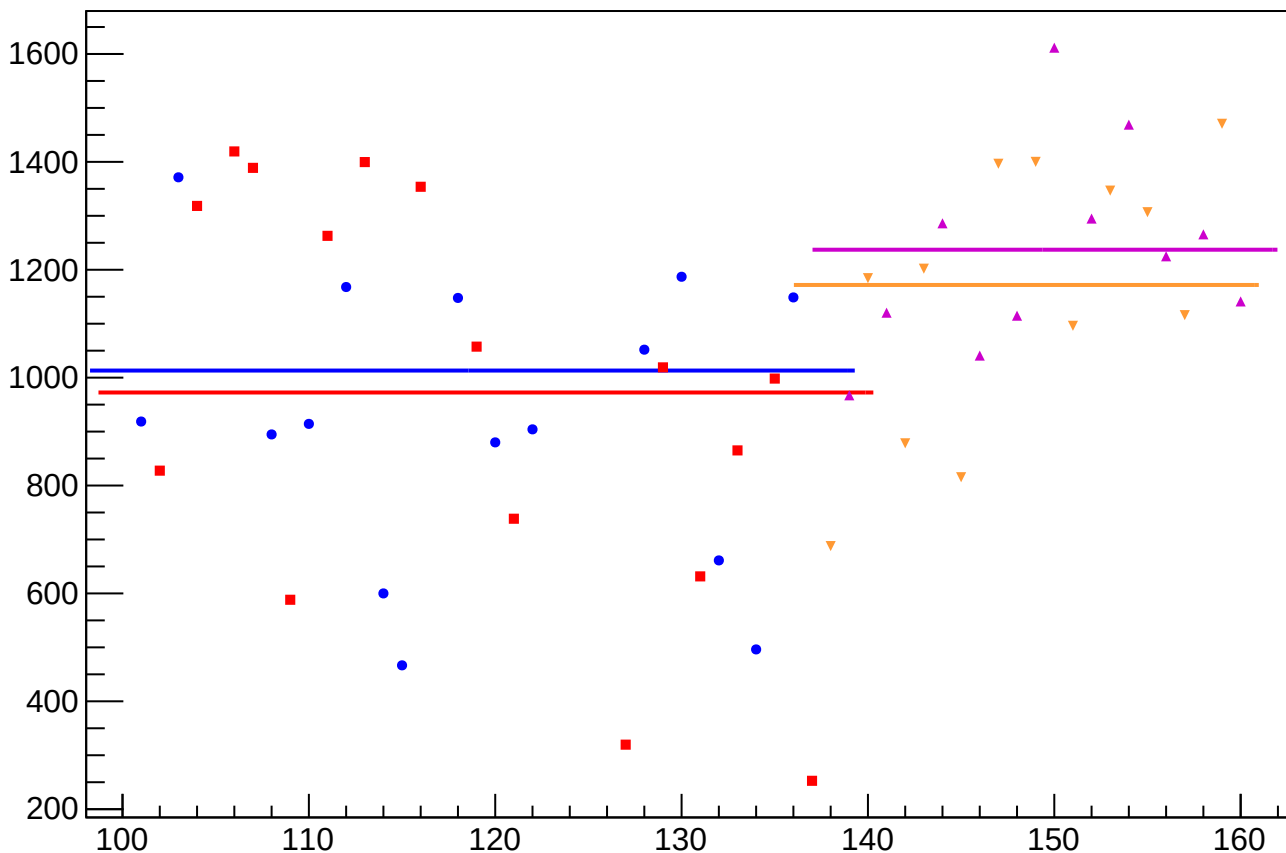
- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.384 ± 0.000 χ^2/NDF : 5822322029078598268260129439744.0/11
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.369 ± 0.000 χ^2/NDF : 4166350638848138676707816112128.0/10

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

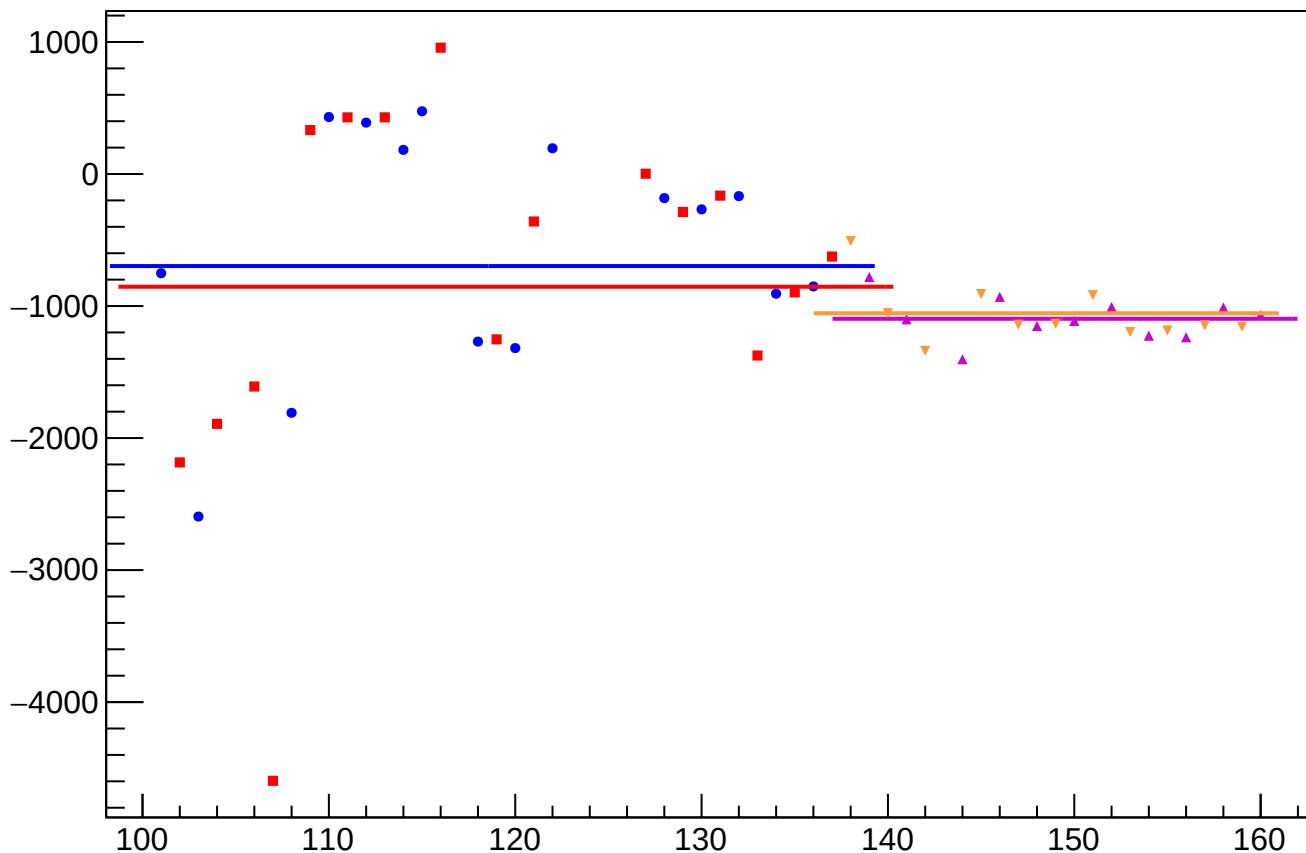
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1054.675+/-0.000 χ^2/NDF : 35893414561751289831028004535805149184.0/10

Right Out: -853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

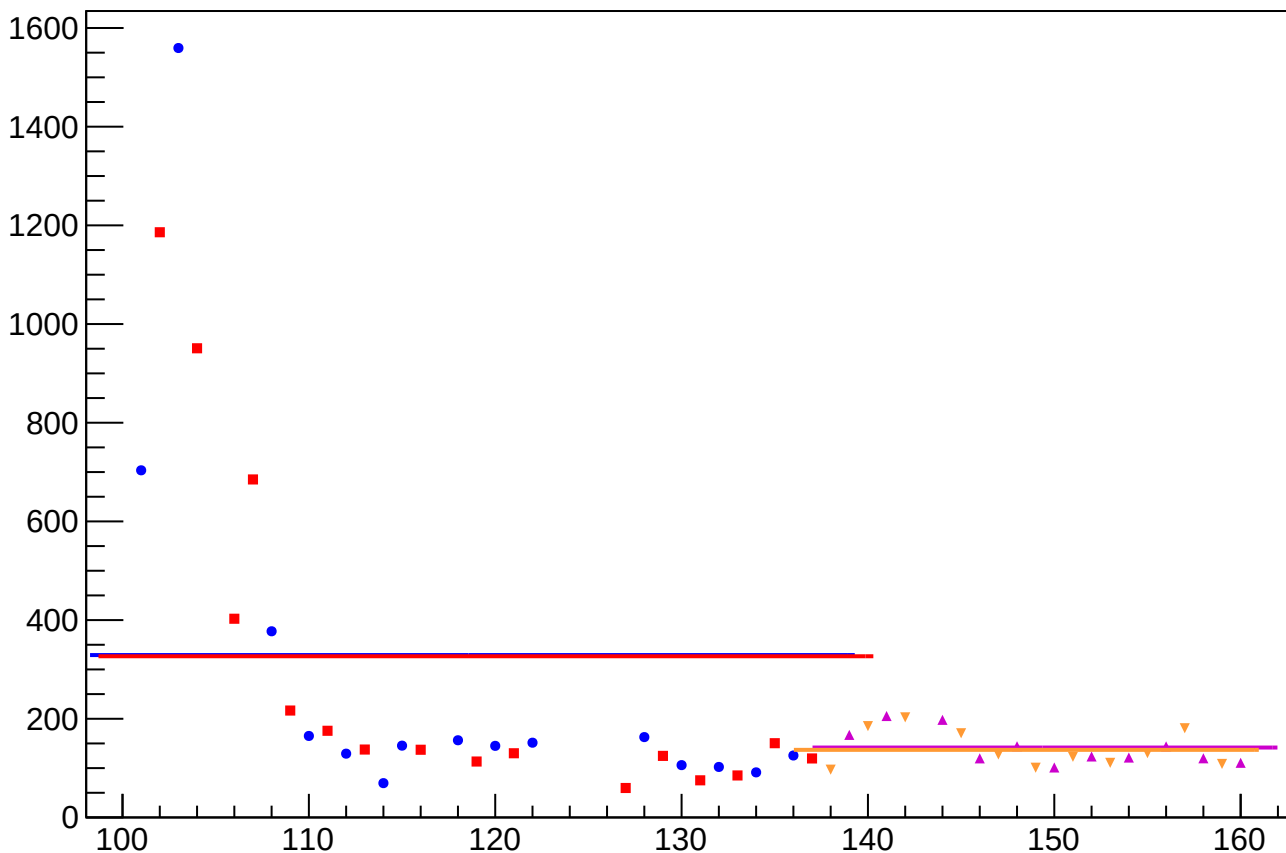
Left In: -1096.508+/-0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630+/-0.000 χ^2/NDF : 57326318903301

All: -948.643+/-0.000 χ^2/NDF : 17048438468

- sign -994.729+/-0.000 χ^2/NDF : 112460764695899

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

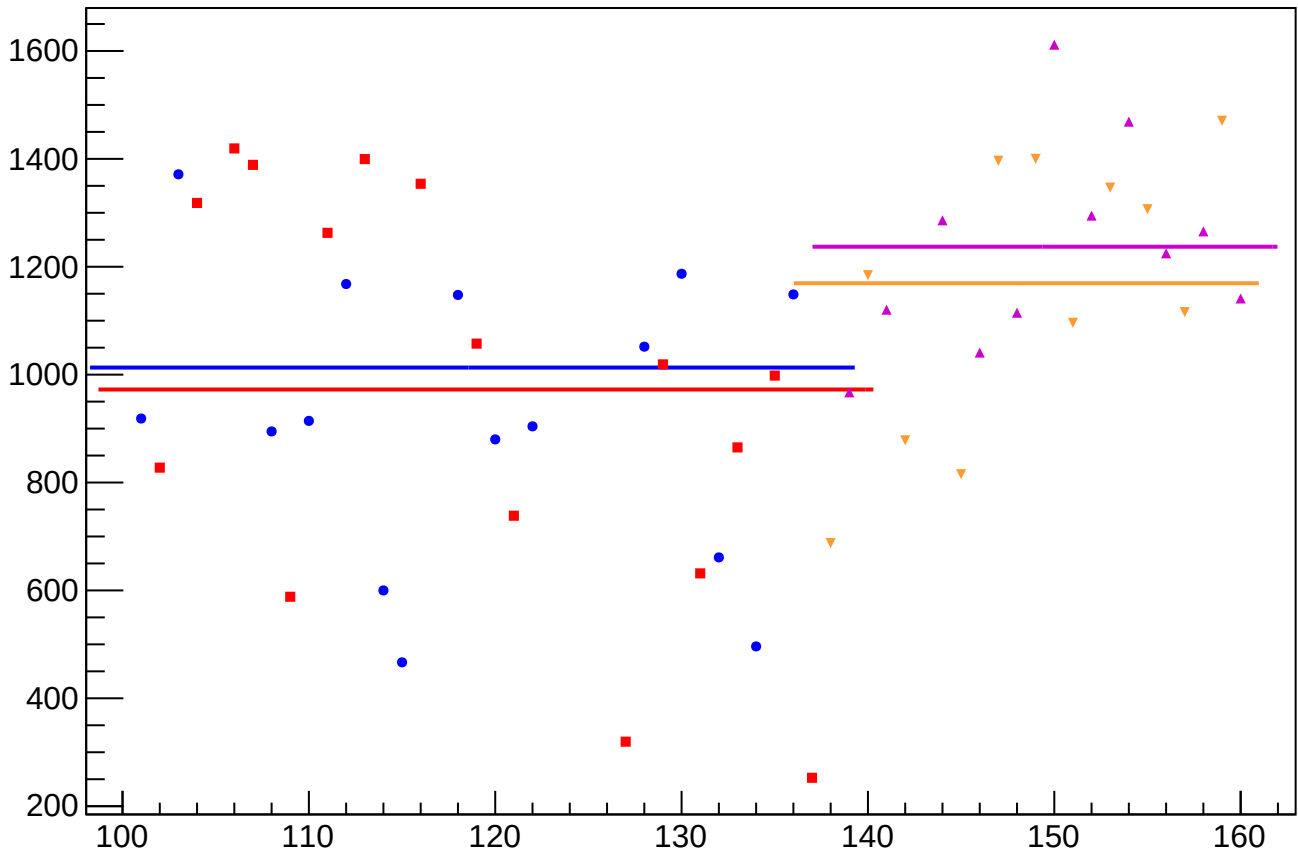
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

All: 219.782+/-0.000 χ^2/NDF : 233310972456

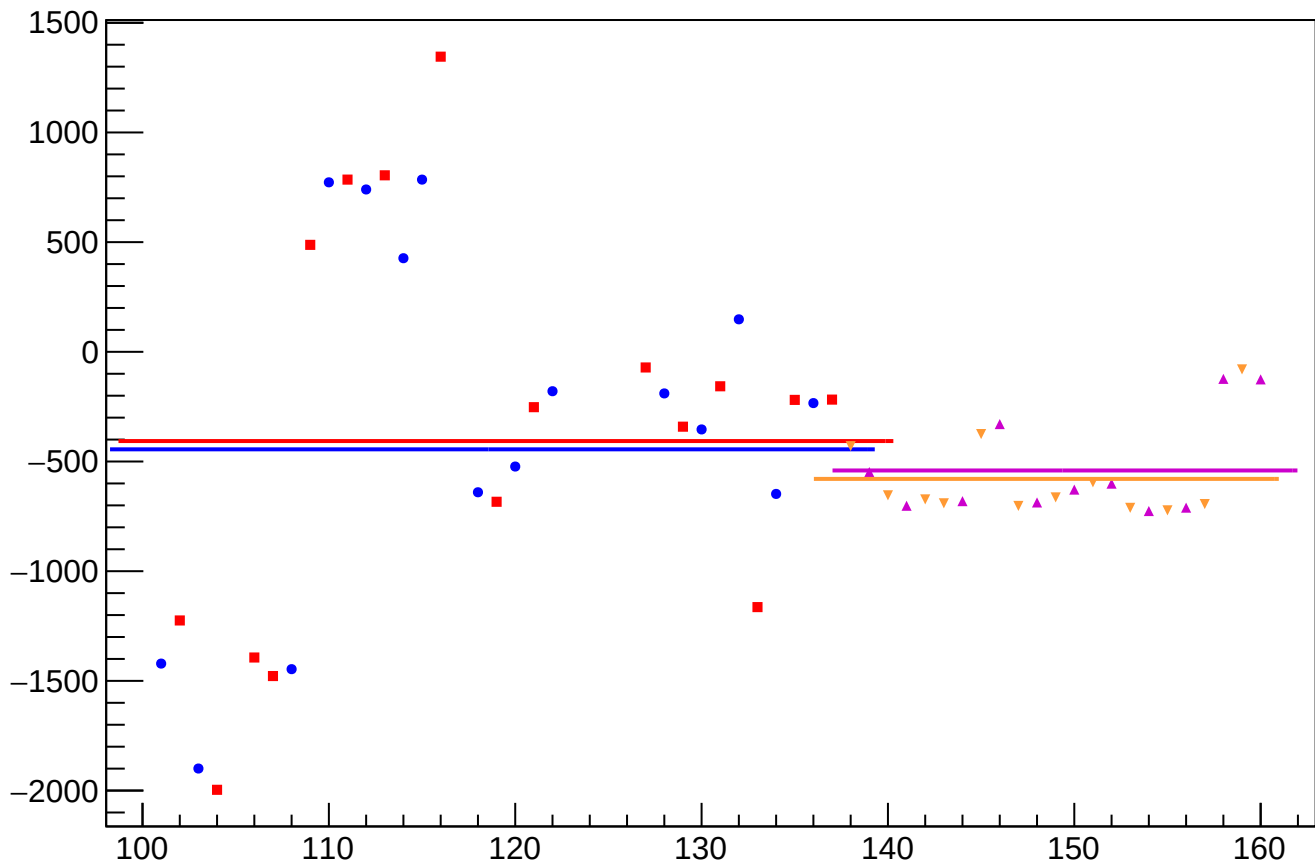
- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1101.625+/-0.000	χ^2/NDF : 93053988598295
Left Out: 1169.420+/-0.000	χ^2/NDF : 52359058528484212152975817930553950208.0/10	All: 1114.283+/-0.000	χ^2/NDF : 22986564555
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

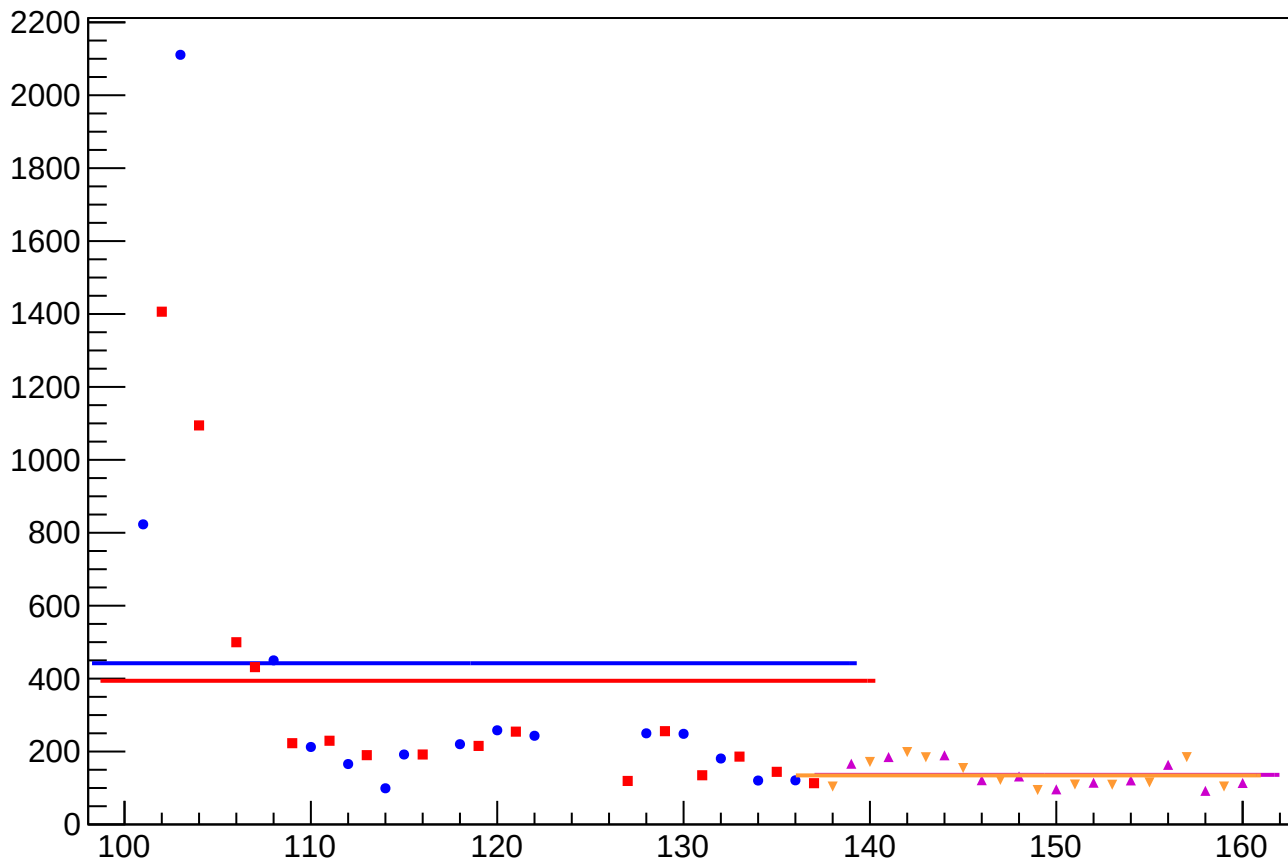
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -579.272+/-0.000	χ^2/NDF : 32584581524528860941595597407042666496.0/11
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -540.842+/-0.000	χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593
 All: -503.795+/-0.000 χ^2/NDF : 10158993354
 - sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162 +/- 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562 +/- 0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033 +/- 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

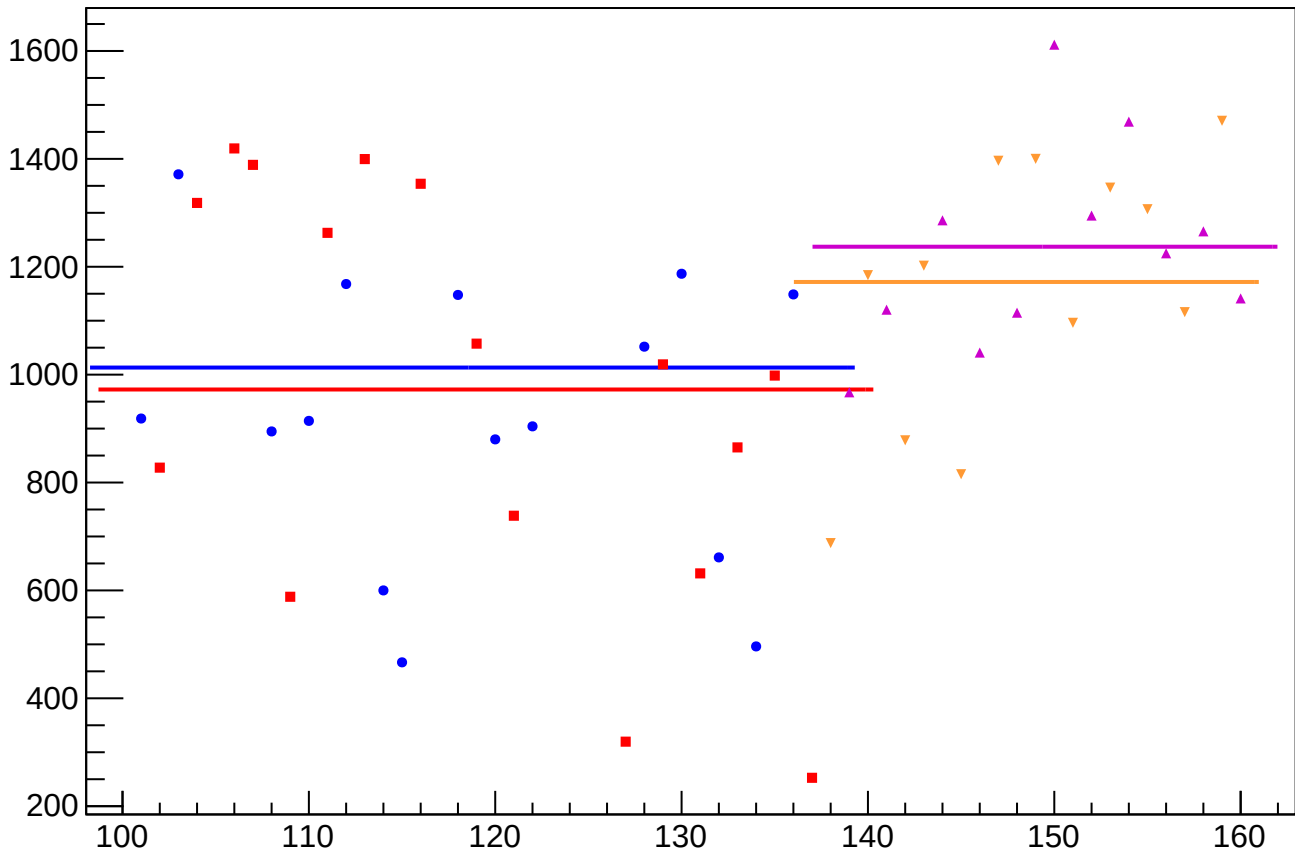
Left In: 136.040 +/- 0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286 +/- 0.000 χ^2/NDF : 241048188566854

All: 253.162 +/- 0.000 χ^2/NDF : 37398353308

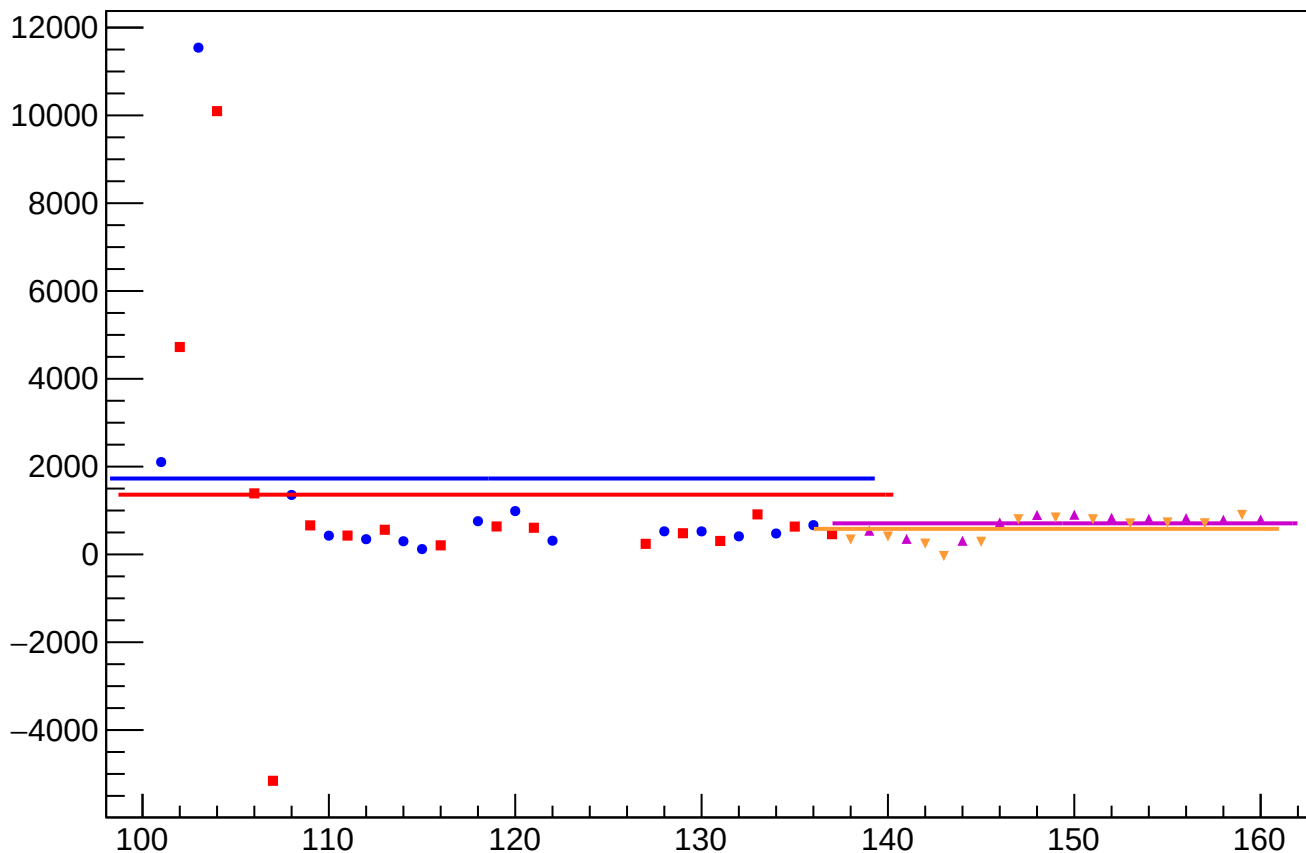
- sign 244.199 +/- 0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



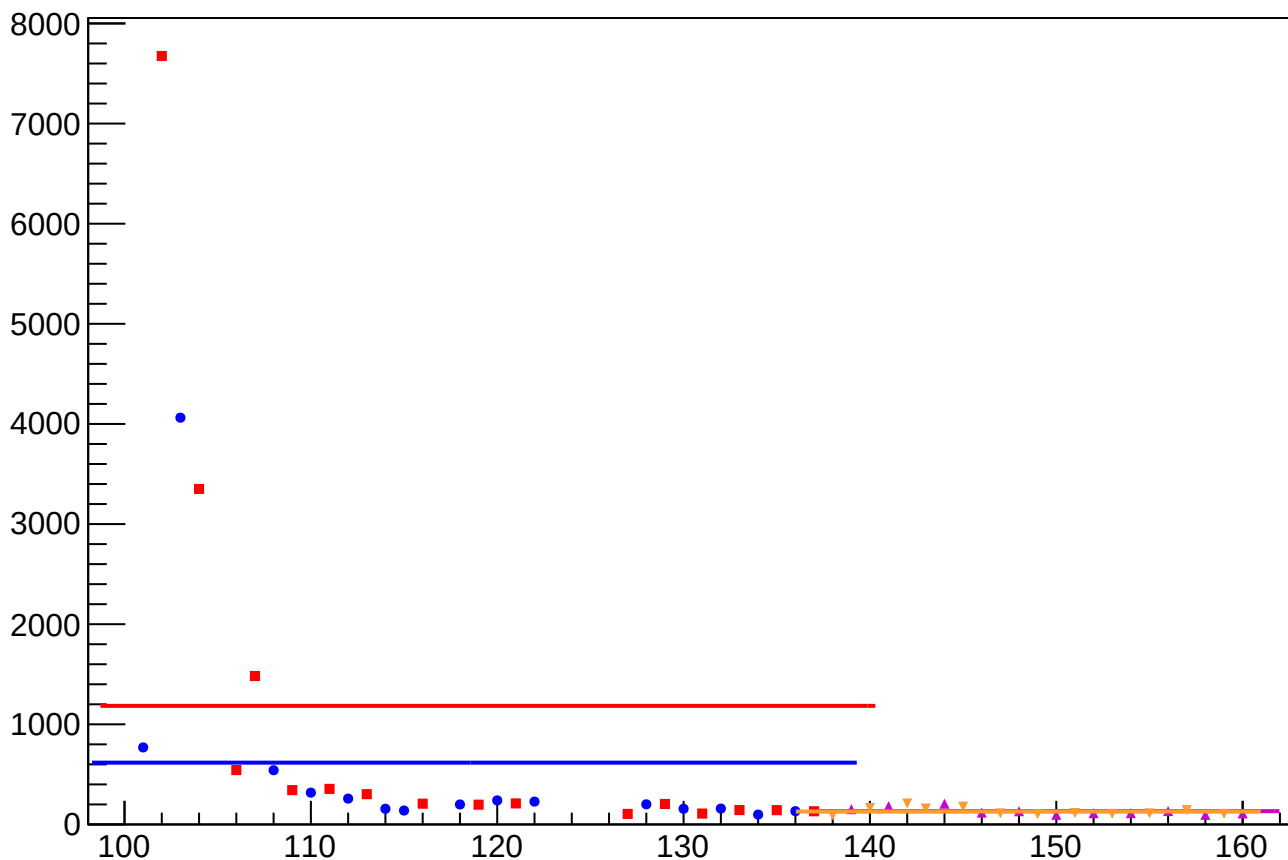
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152+/-0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 1019.669+/-0.000 χ^2/NDF : 13621932895
 + sign 1058.360+/-0.000 χ^2/NDF : 69823808255157
 - sign 981.659+/-0.000 χ^2/NDF : 663491357929352

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

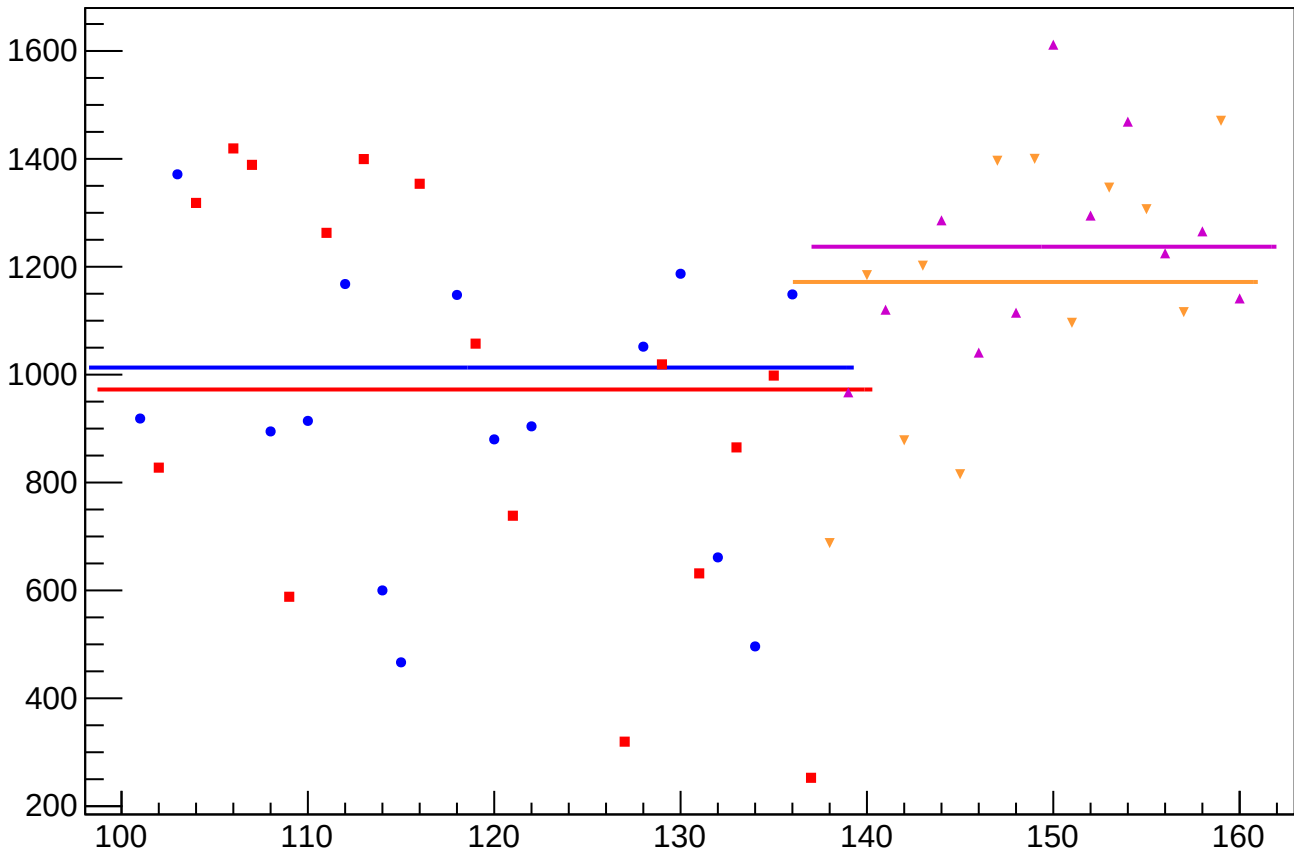
All: 453.895+/-0.000 χ^2/NDF : 452656903212

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

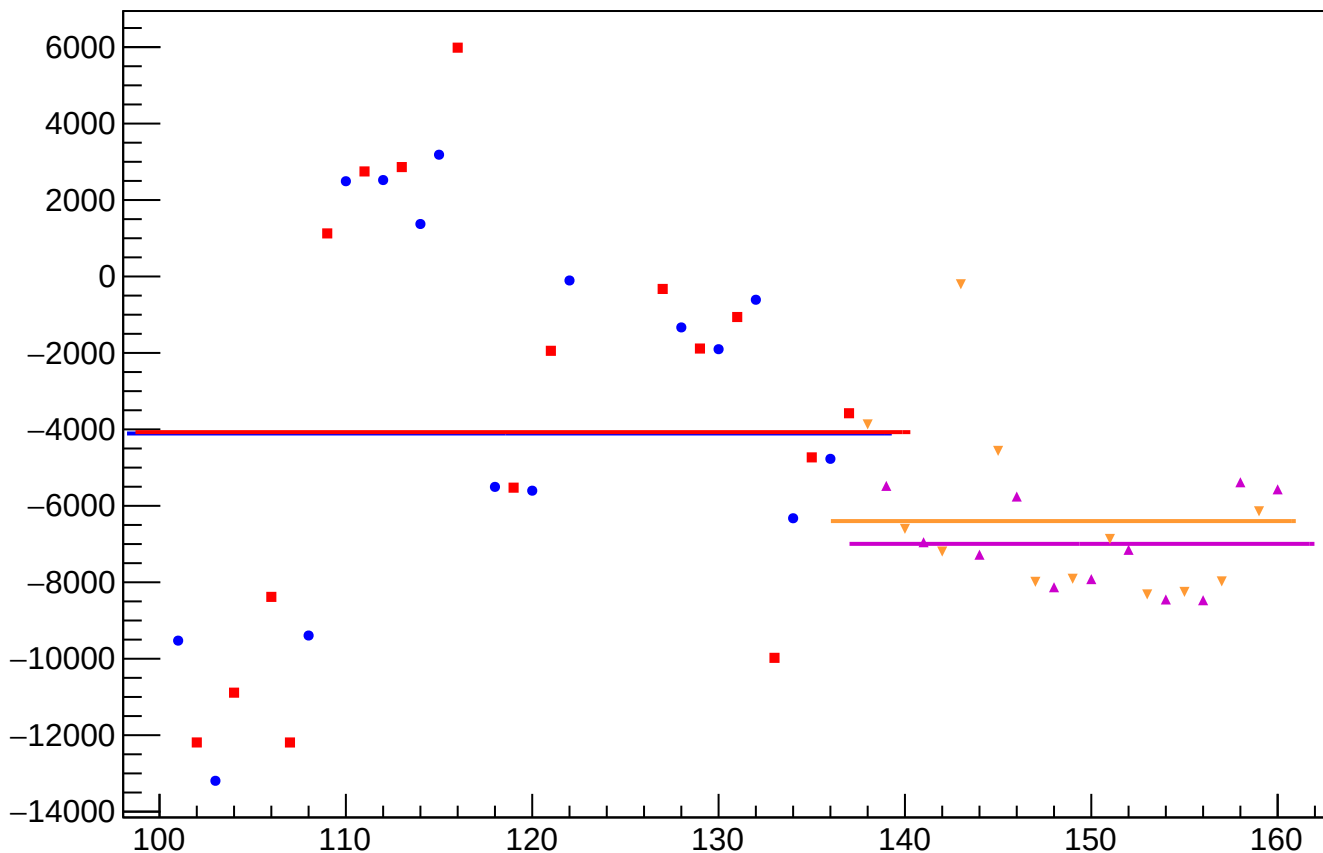
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

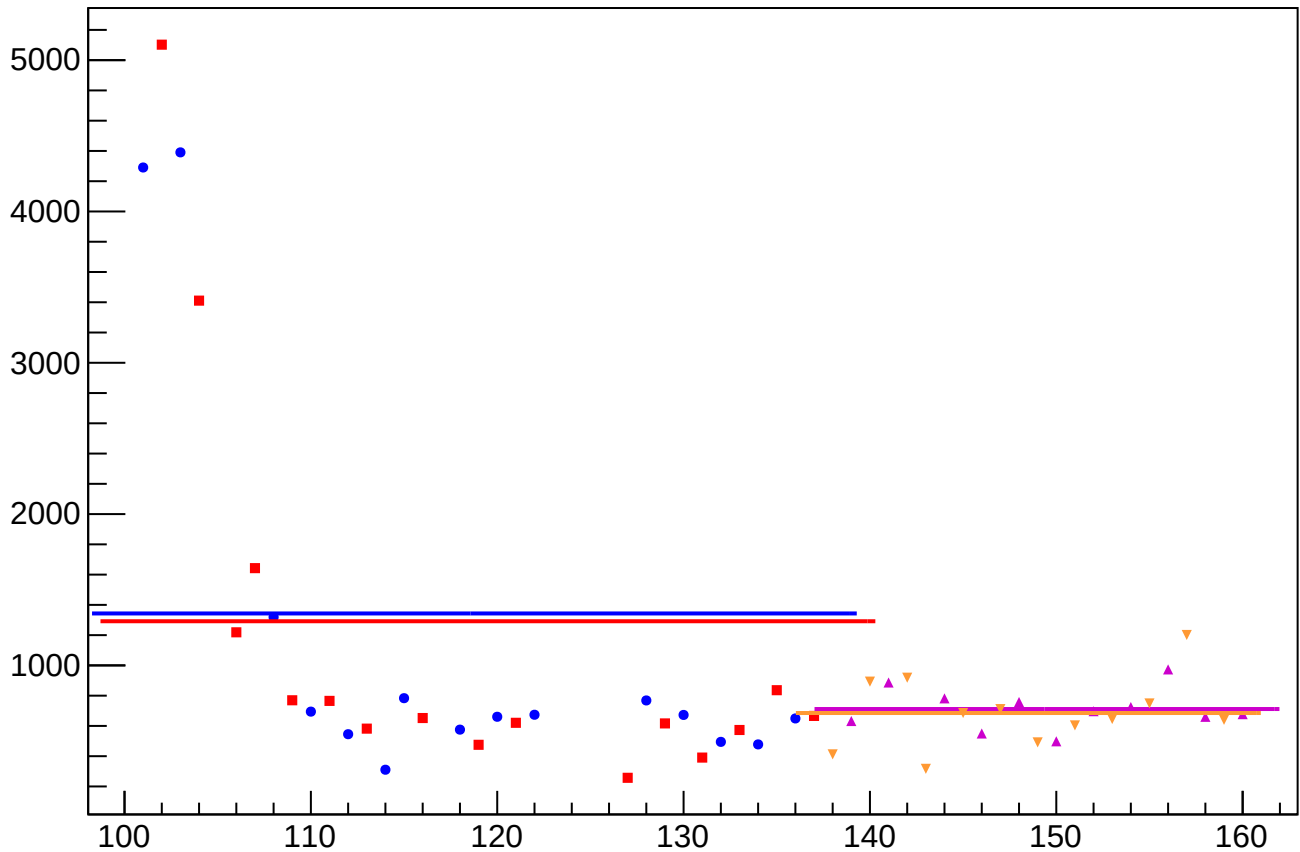
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -6398.906+/-0.000 χ^2/NDF : 4560292812943761149136938286094472970240.0/11
 Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: -6994.812+/-0.000 χ^2/NDF : 1231738289385705389055875270097690951680.0/10
 All: -5609.905+/-0.000 χ^2/NDF : 4607018672
 + sign -5447.429+/-0.000 χ^2/NDF : 2108050211497
 - sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

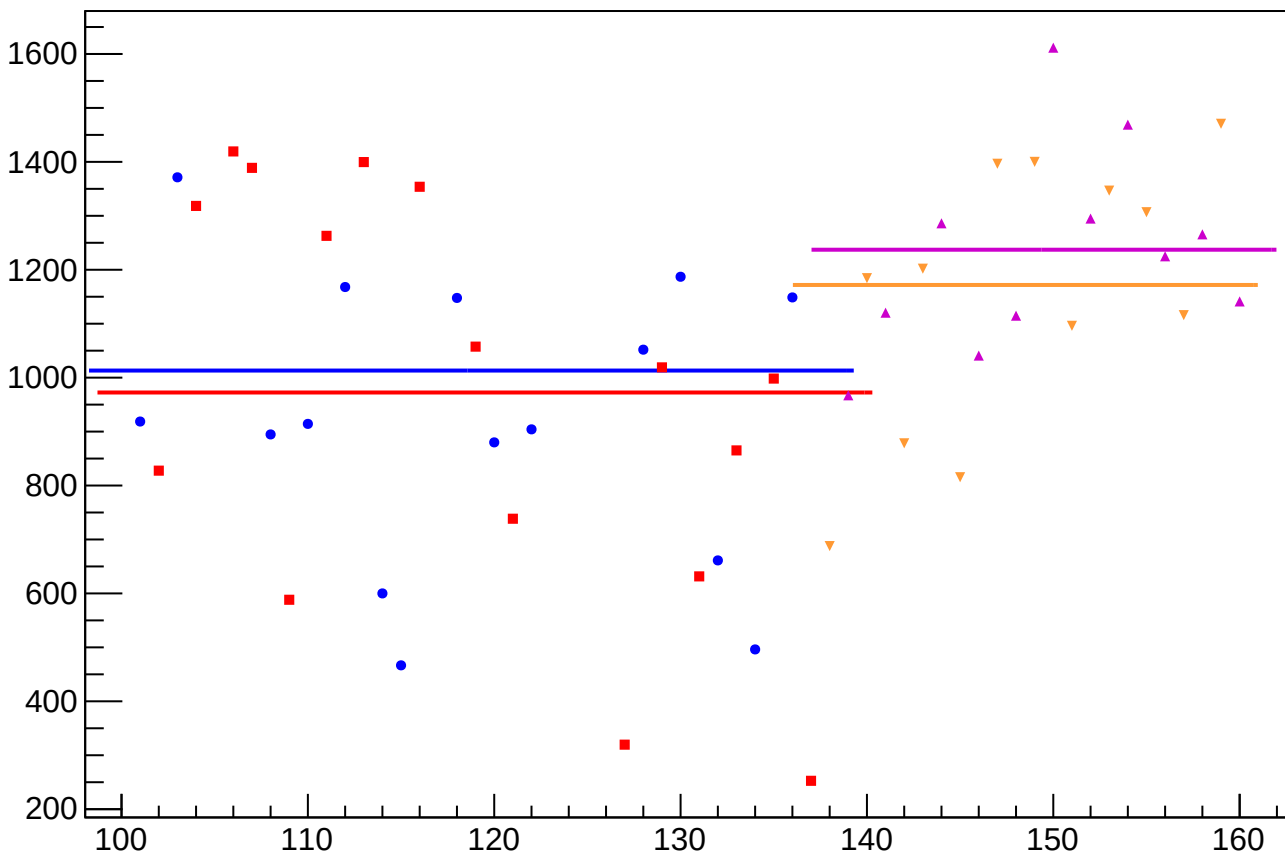
dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000	χ^2/NDF : 1317478352429773686550511077330771771392.0/14
Left Out: 685.307+/-0.000	χ^2/NDF : 46333249080985813233742212153458294784.0/11
Right Out: 1291.796+/-0.000	χ^2/NDF : 1323568917008872977905960011586991030272.0/15
Left In: 711.726+/-0.000	χ^2/NDF : 15873419979583207307068429247017123840.0/10

+ sign 958.532+/-0.000 χ^2/NDF : 152813586967555
 All: 956.706+/-0.000 χ^2/NDF : 299793196970
 - sign 954.911+/-0.000 χ^2/NDF : 146978575897924

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

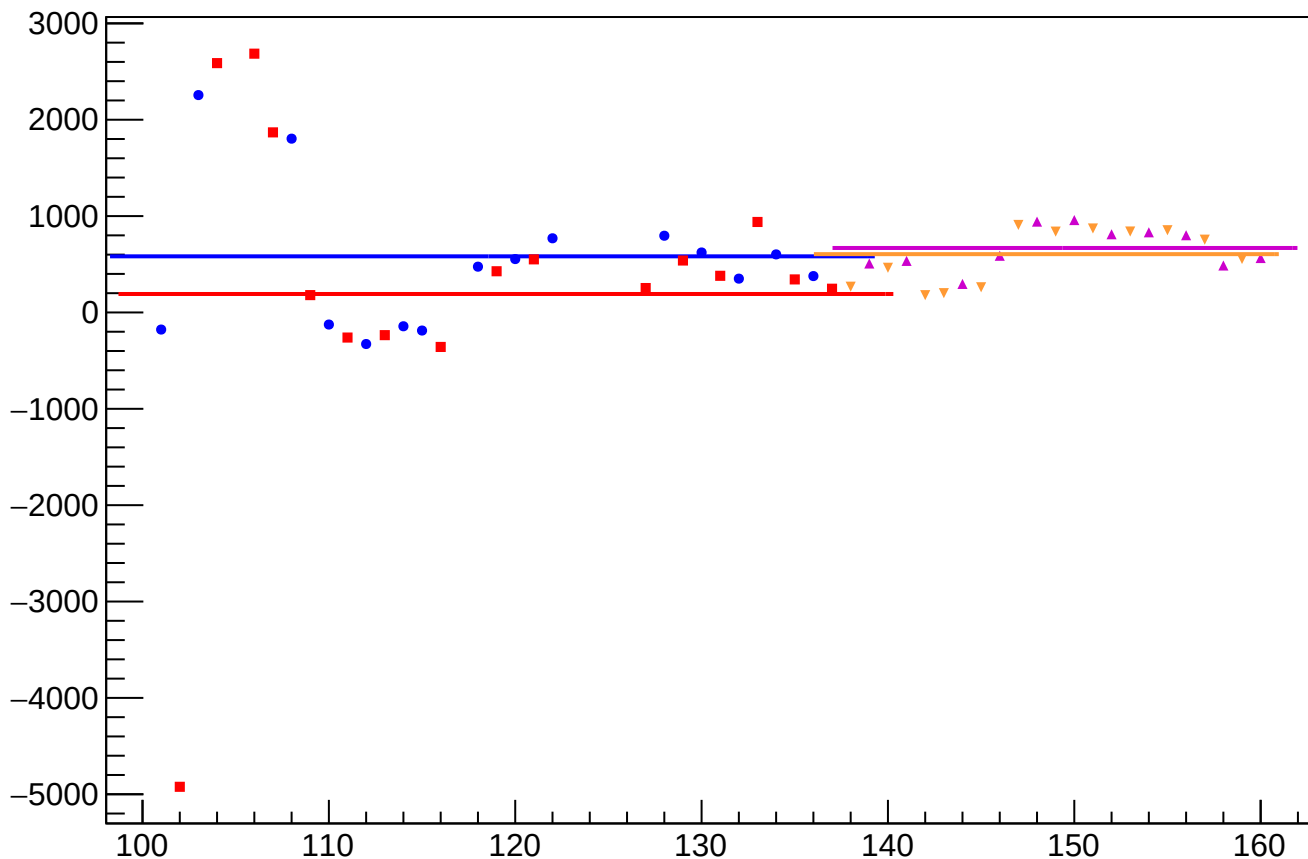
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

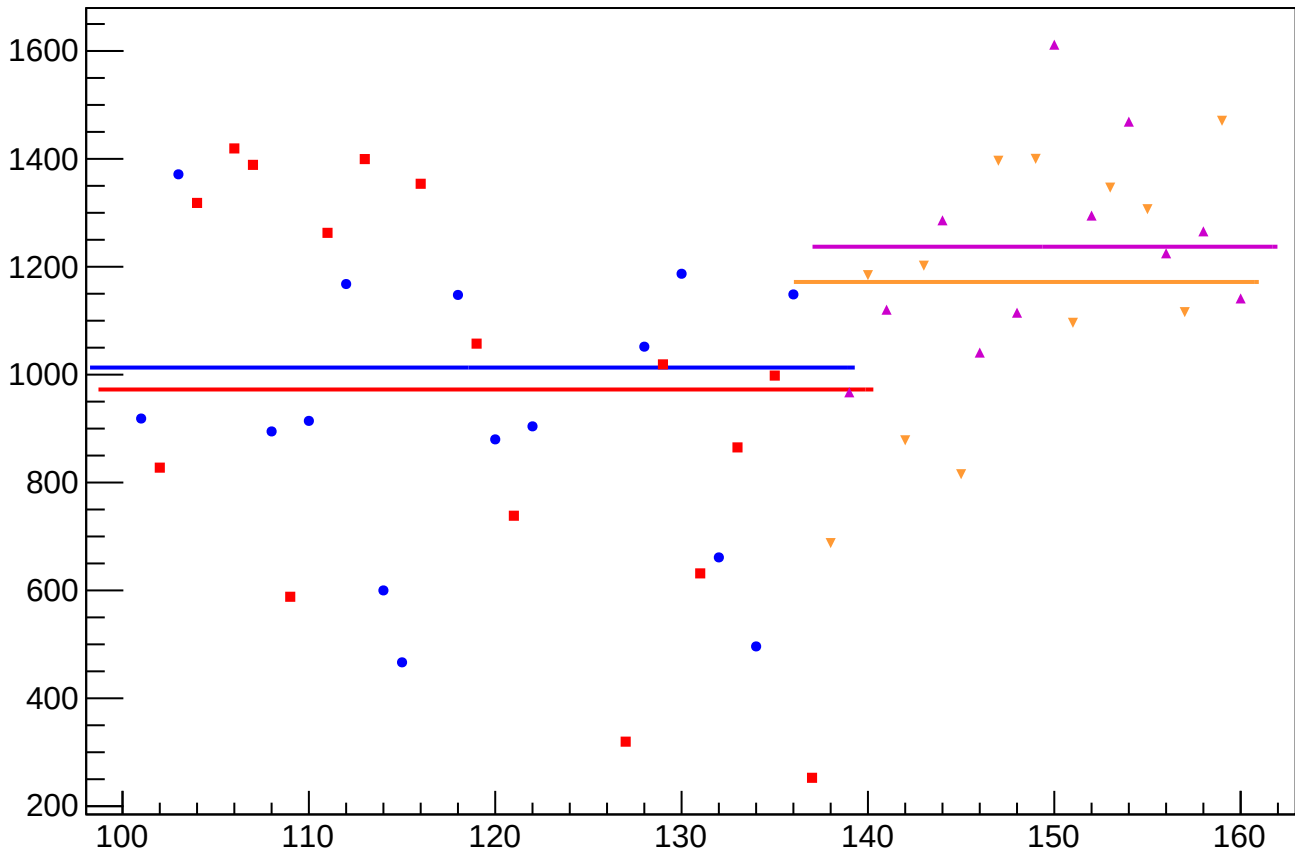
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

All: 375.901+/-0.000 χ^2/NDF : 32587788805

+ sign 308.422+/-0.000 χ^2/NDF : 475799684039922

- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

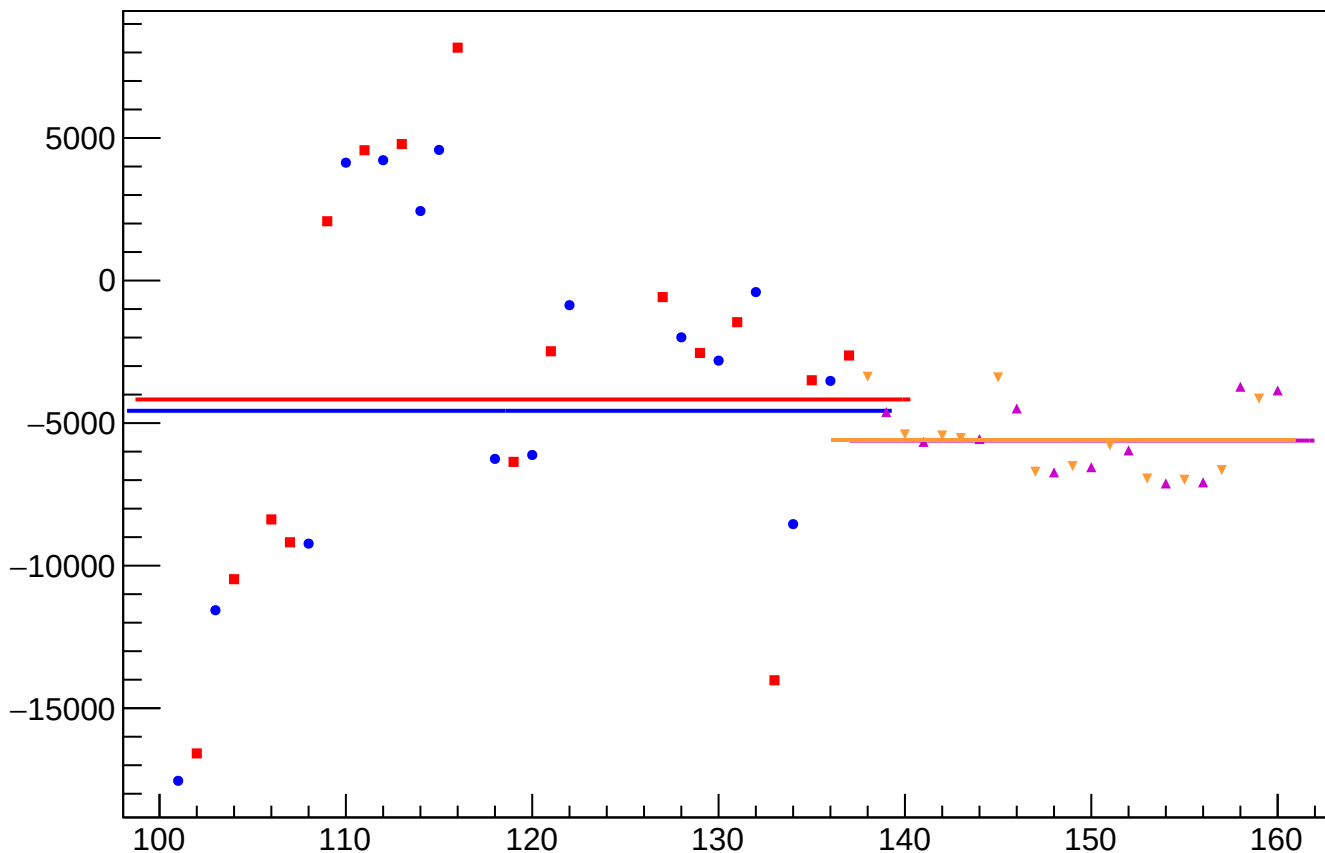
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

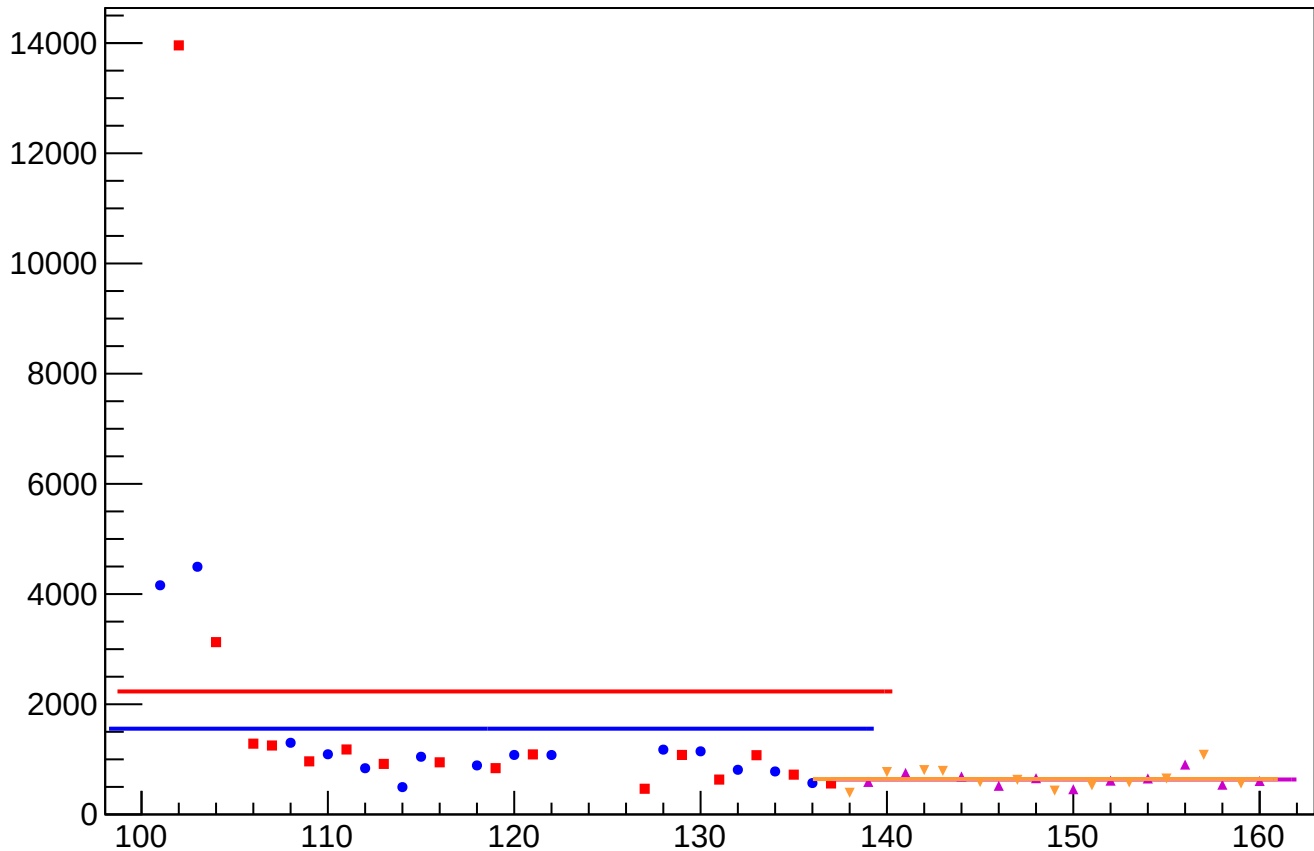
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

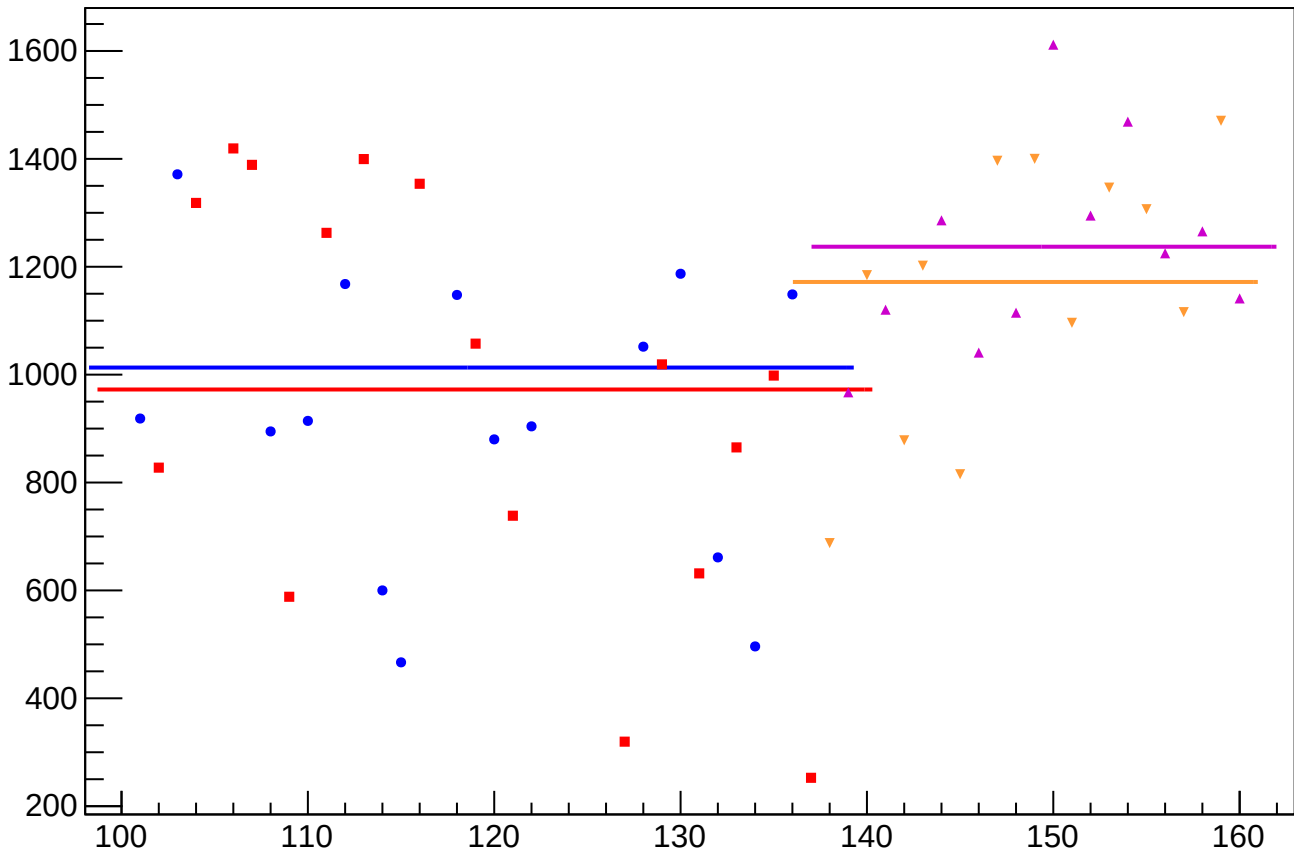
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

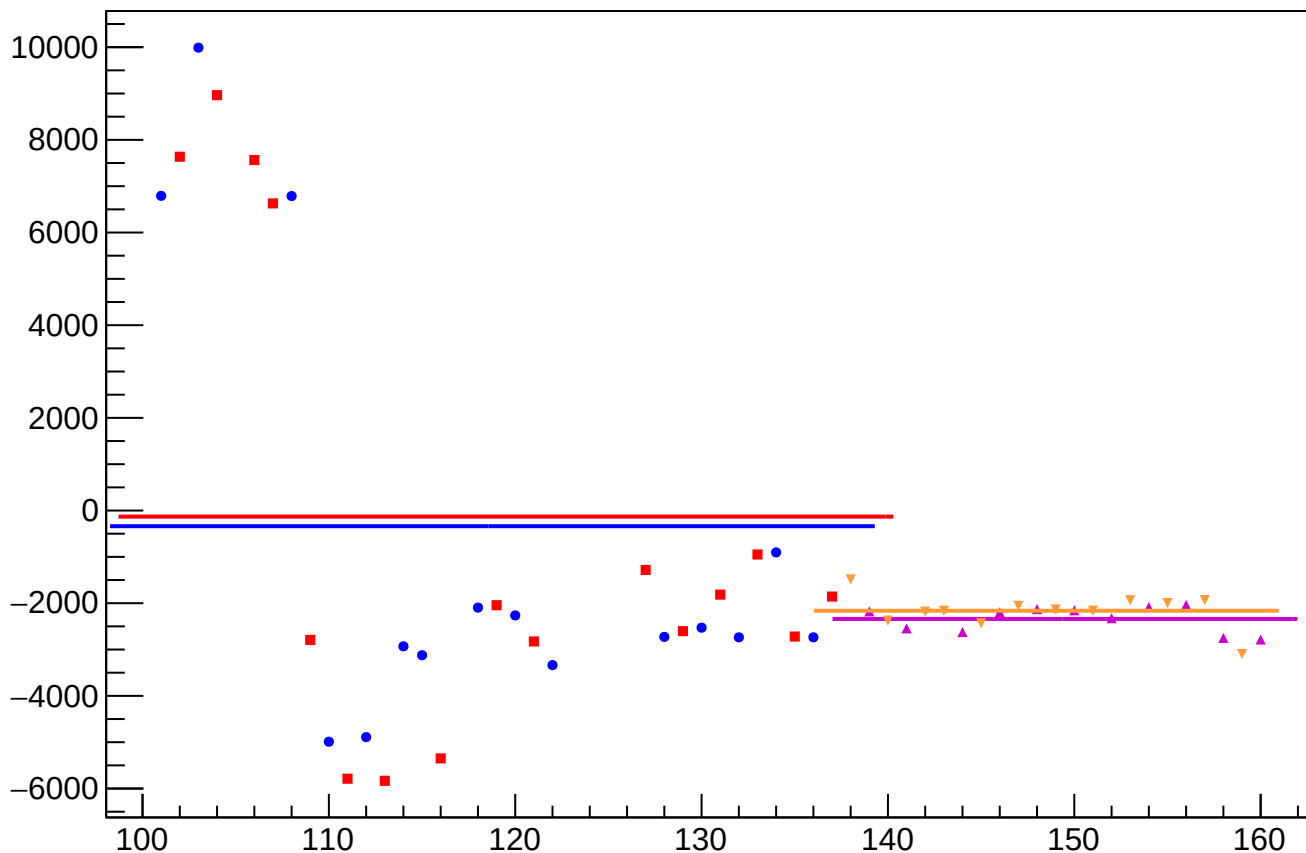
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

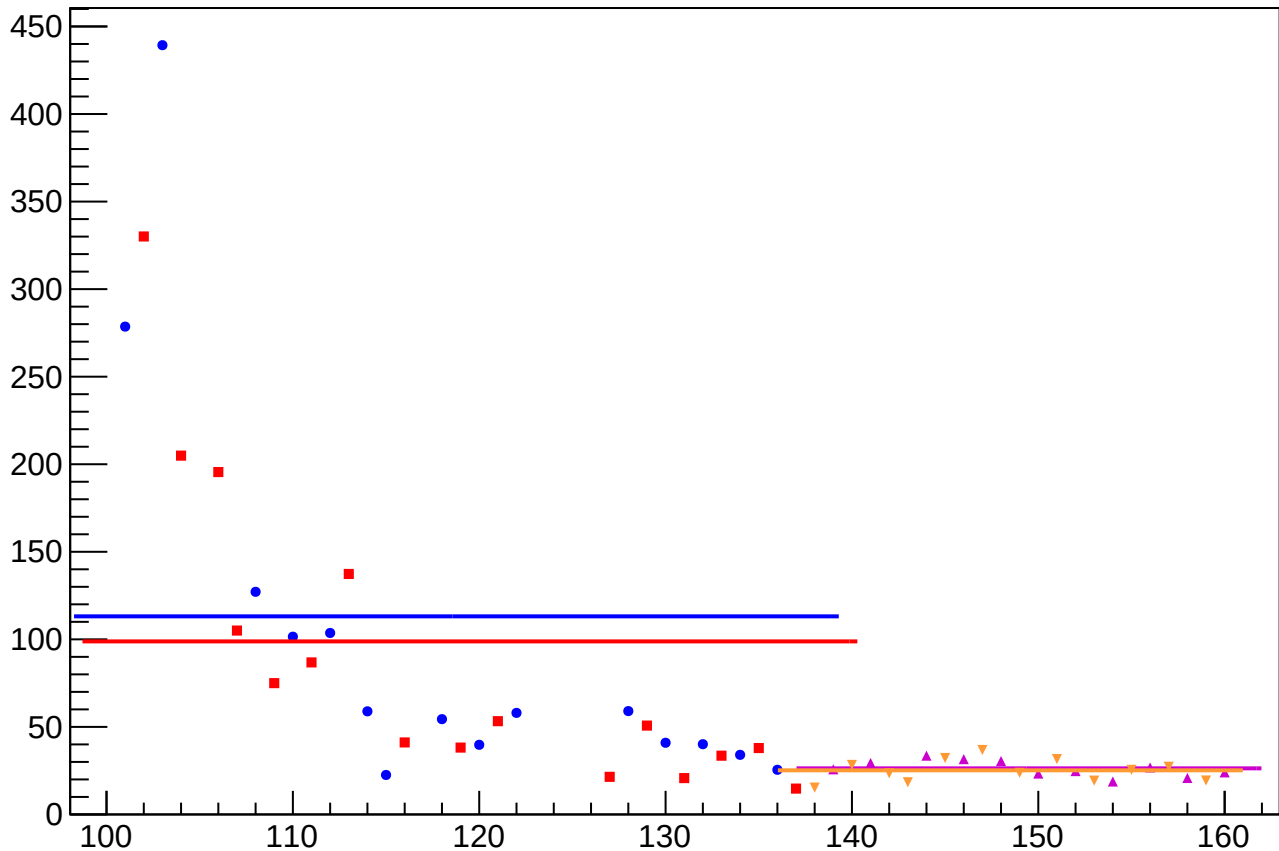
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam1_coil6_mean vs Slug



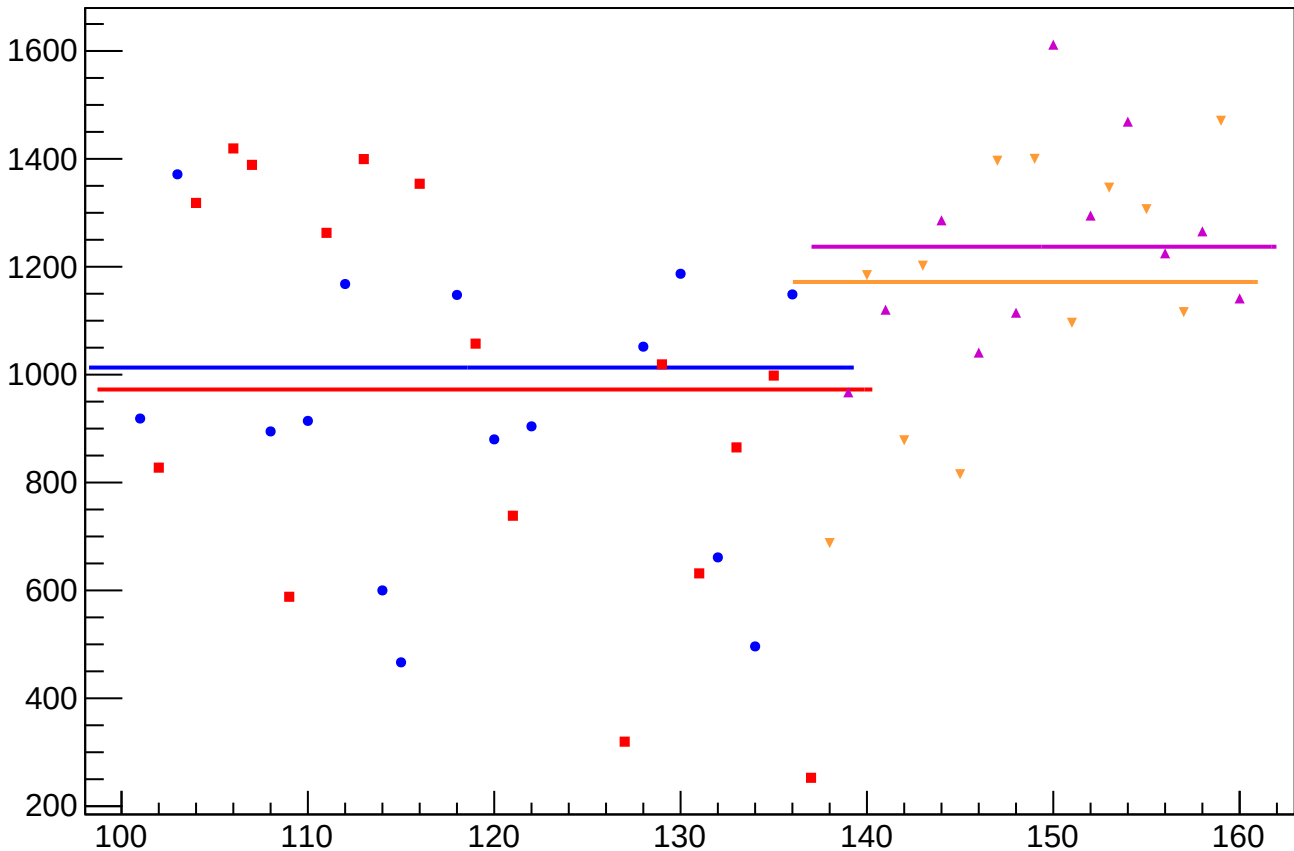
Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$
 Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

dit_sam1_coil6_err_mean vs Slug



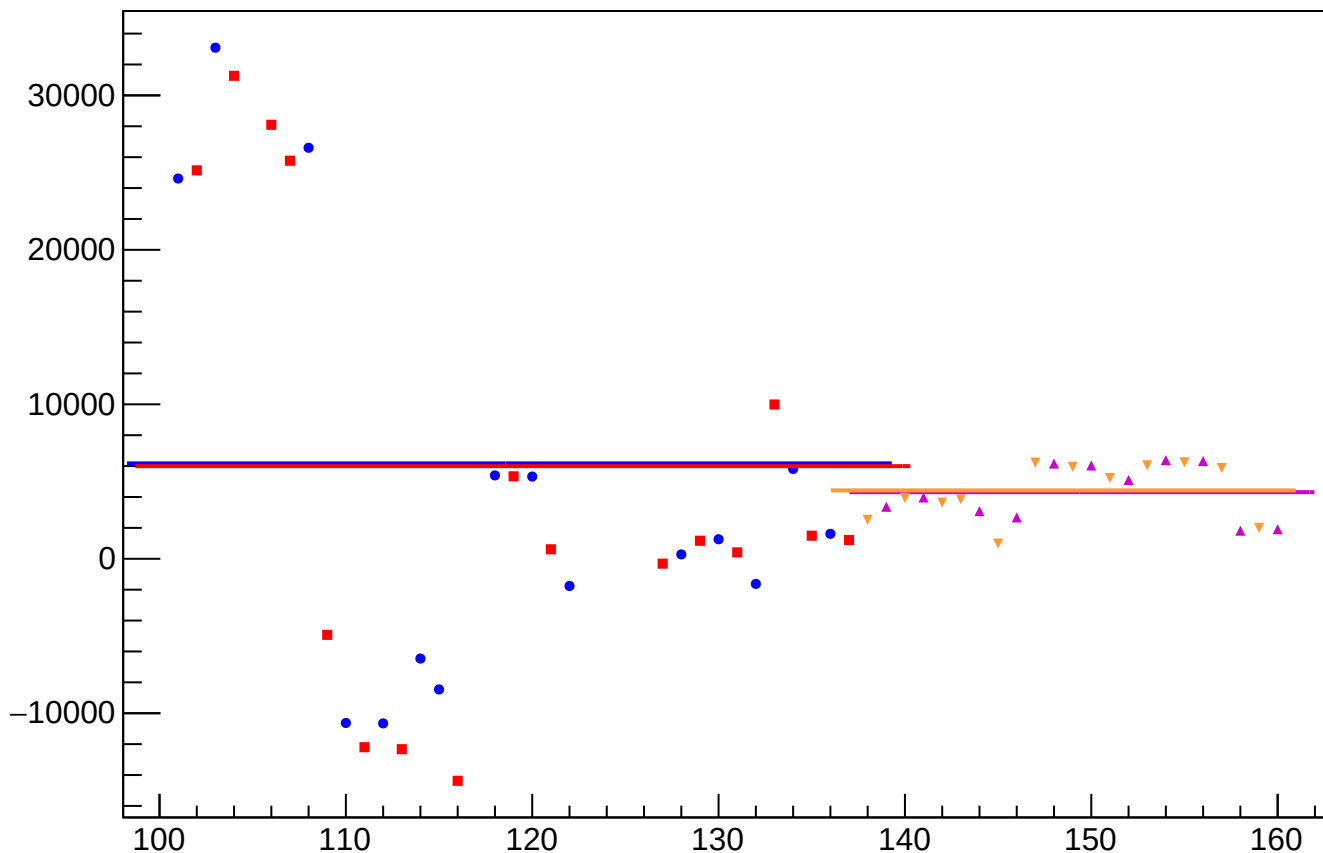
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.204 $\pm$ 0.000 χ^2 /NDF: 35340998729966912863138320392126464.0/11
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 26.331 $\pm$ 0.000 χ^2 /NDF: 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

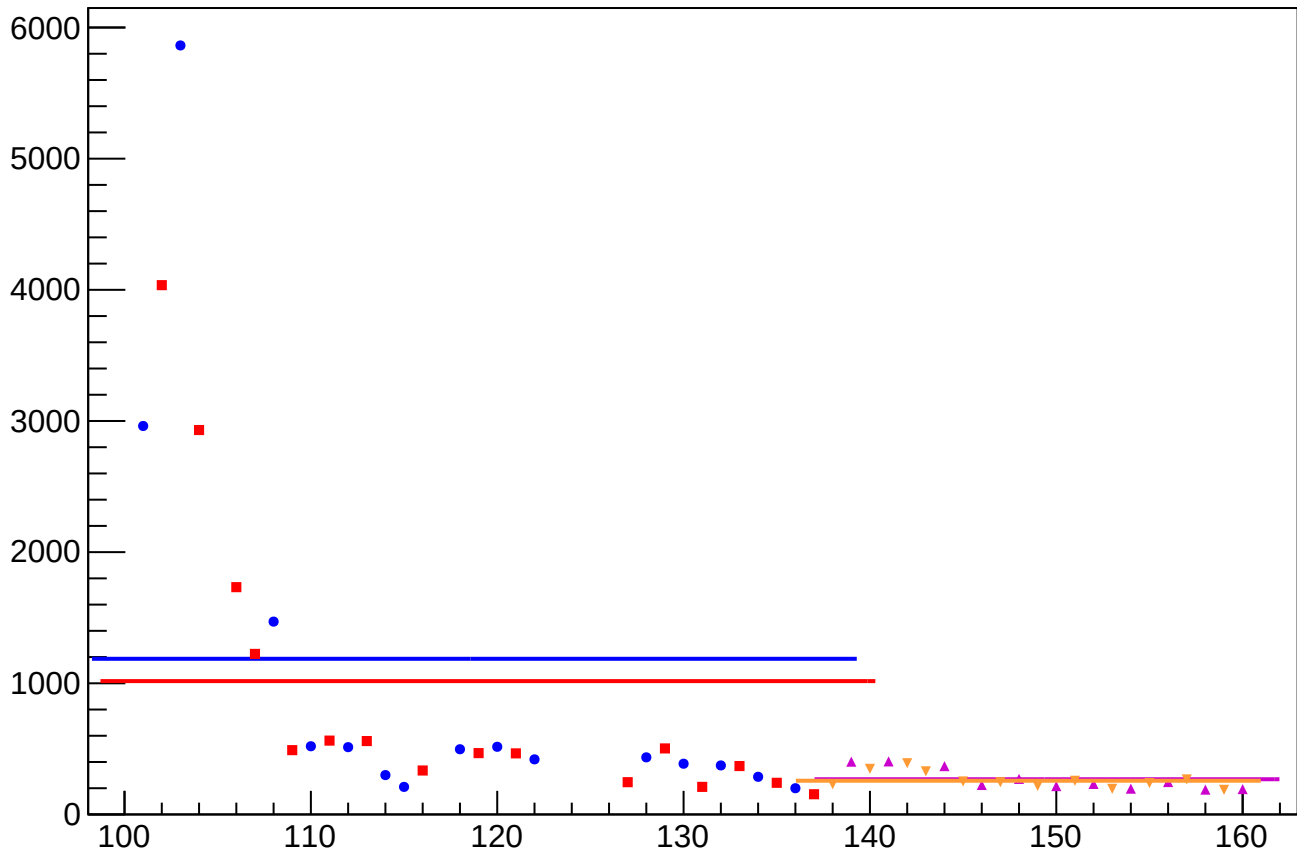
dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000	χ^2/NDF : 117260877162921223967478349050708452442112.0/14
Left Out: 4428.101+/-0.000	χ^2/NDF : 2900138976874387724183278190835470958592.0/11
Right Out: 5996.727+/-0.000	χ^2/NDF : 137057710785025136543407710107916356812800.0/15
Left In: 4310.541+/-0.000	χ^2/NDF : 2687248811790643780000086030830396243968.0/10

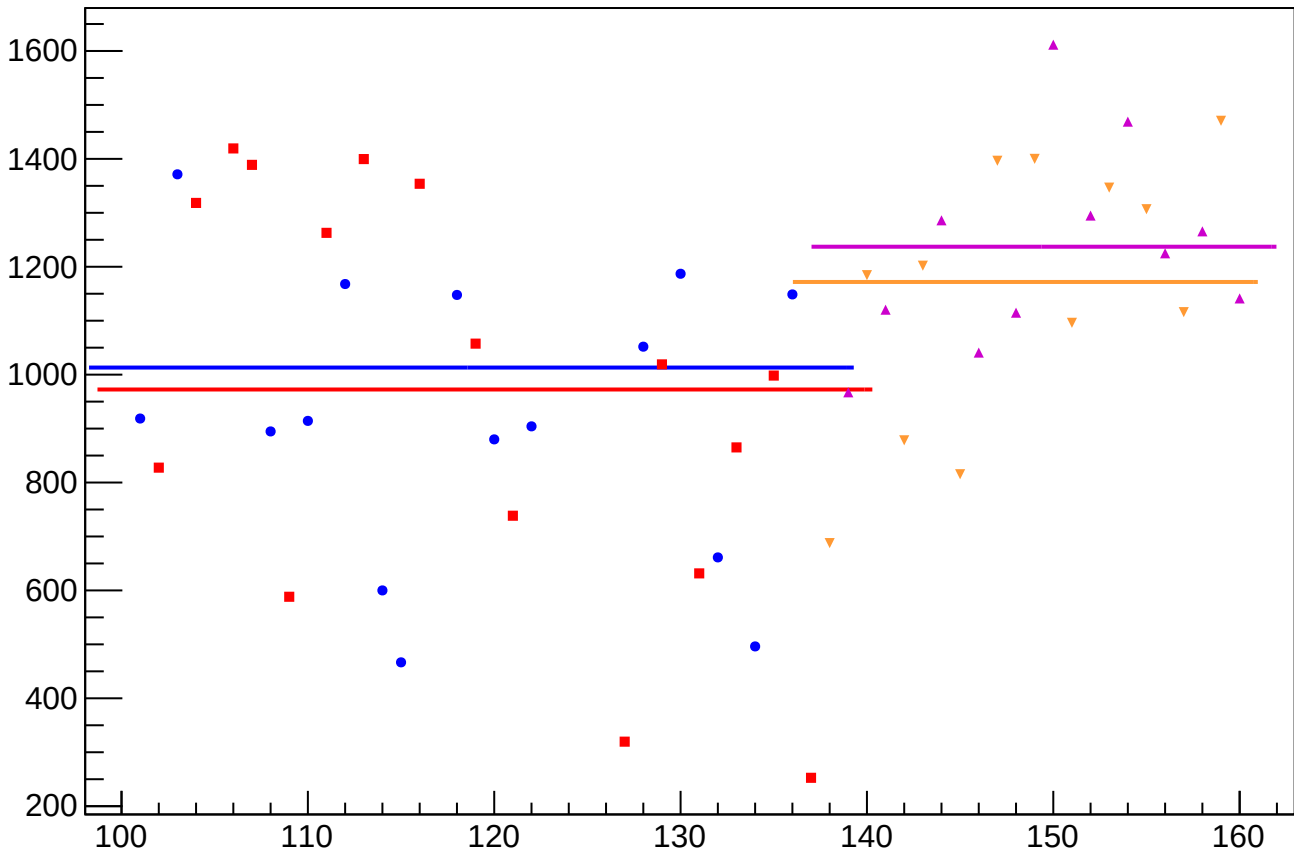
+ sign 5153.665+/-0.000 χ^2/NDF : 12131982747999
 All: 5084.951+/-0.000 χ^2/NDF : 26218080052
 - sign 5017.446+/-0.000 χ^2/NDF : 14084634301440

dit_sam2_coil6_err_mean vs Slug



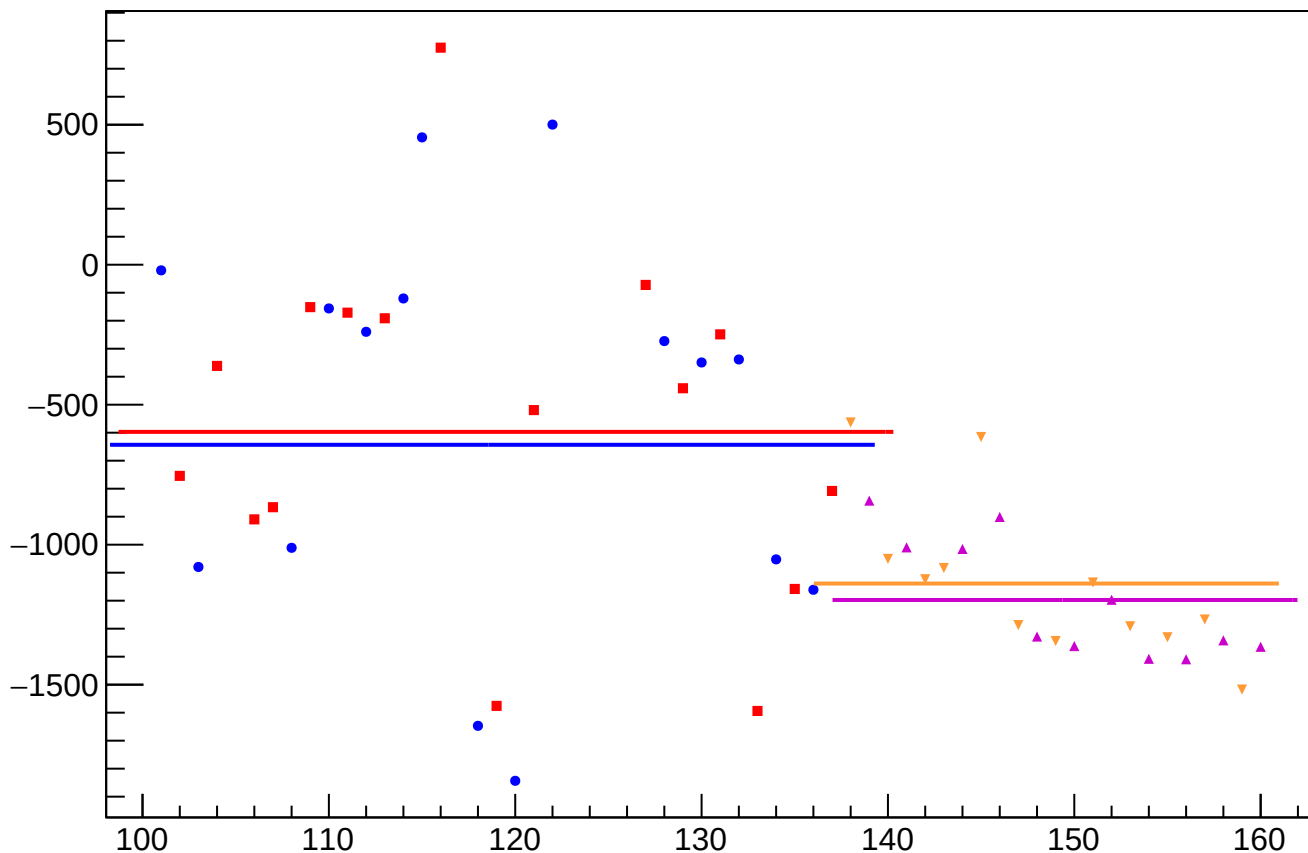
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

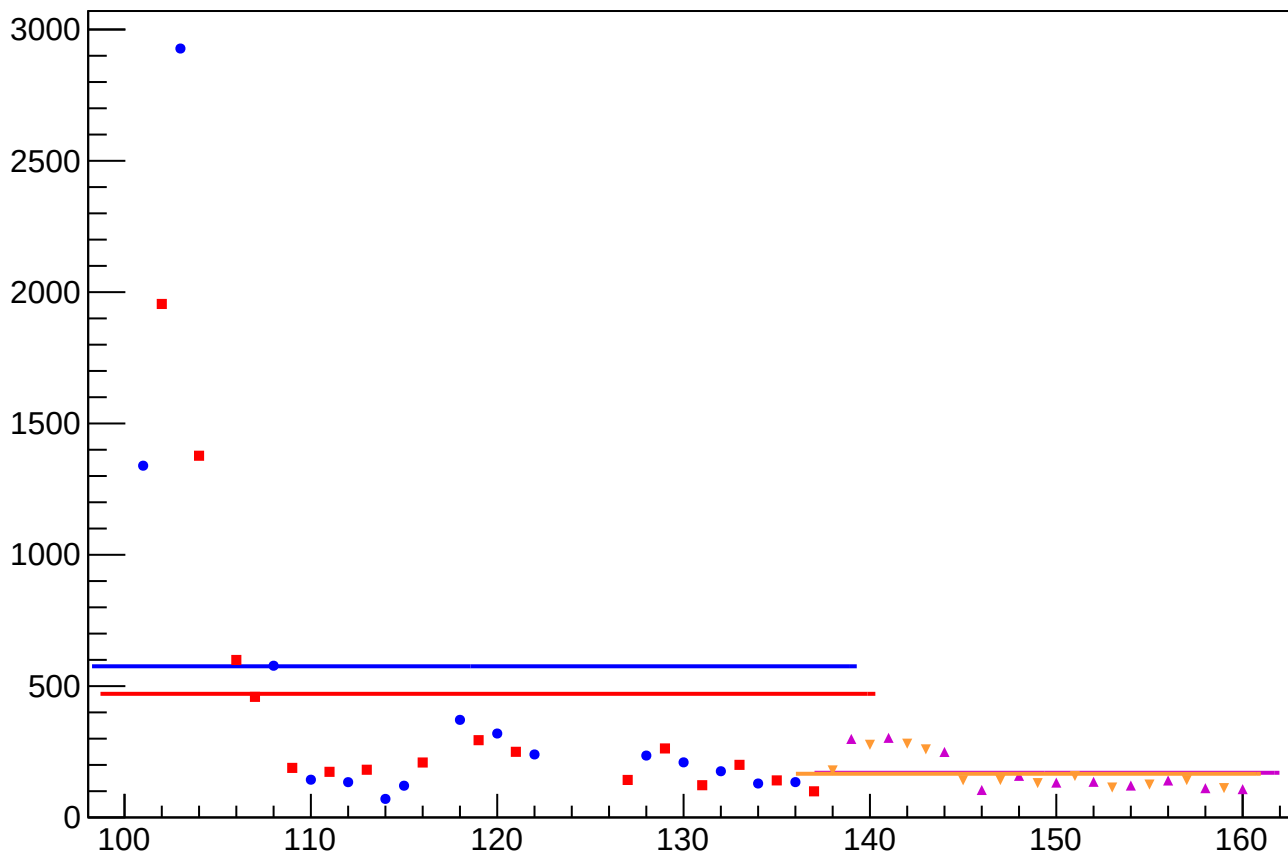
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

+ sign 336.257+/-0.000 χ^2/NDF : 499270475269907

Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

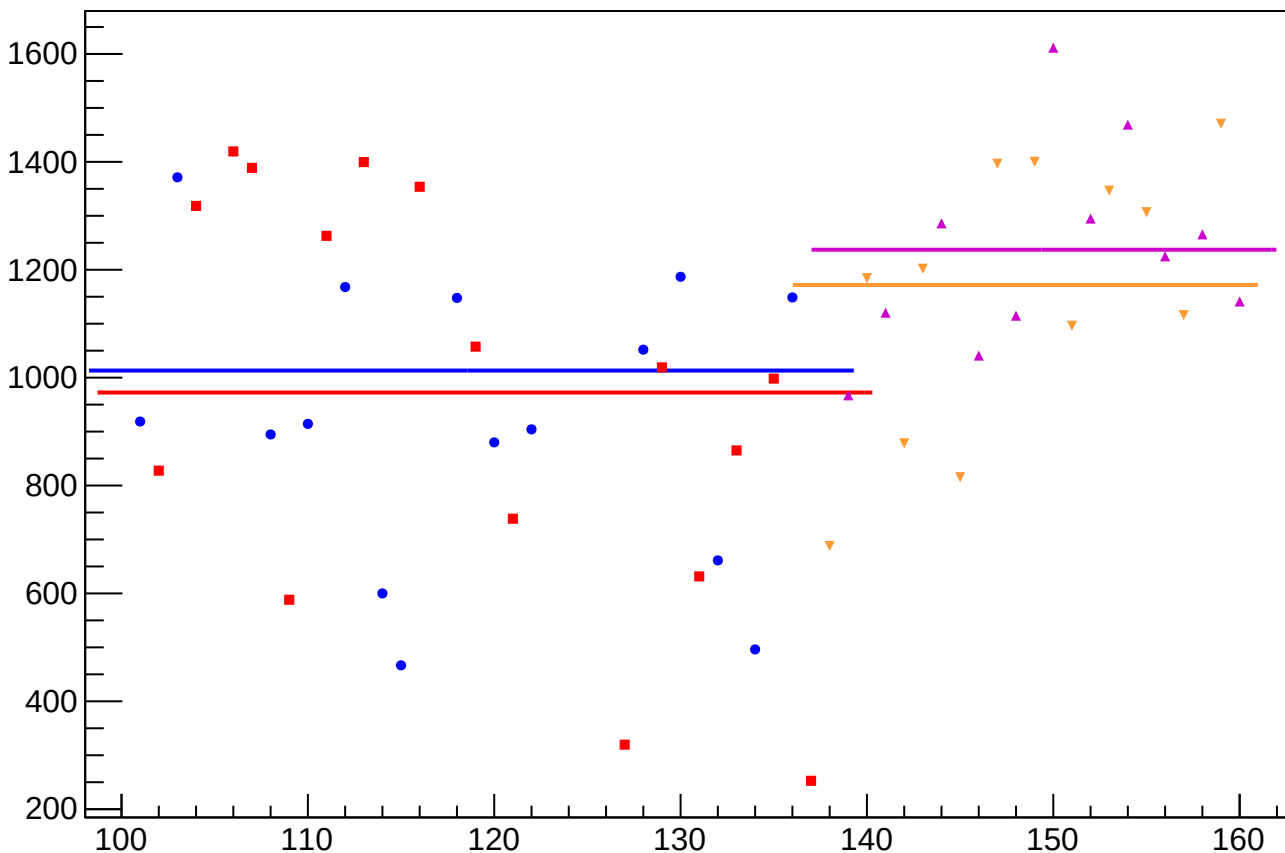
All: 316.009+/-0.000 χ^2/NDF : 749713374727

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

- sign 296.118+/-0.000 χ^2/NDF : 249172631287531

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

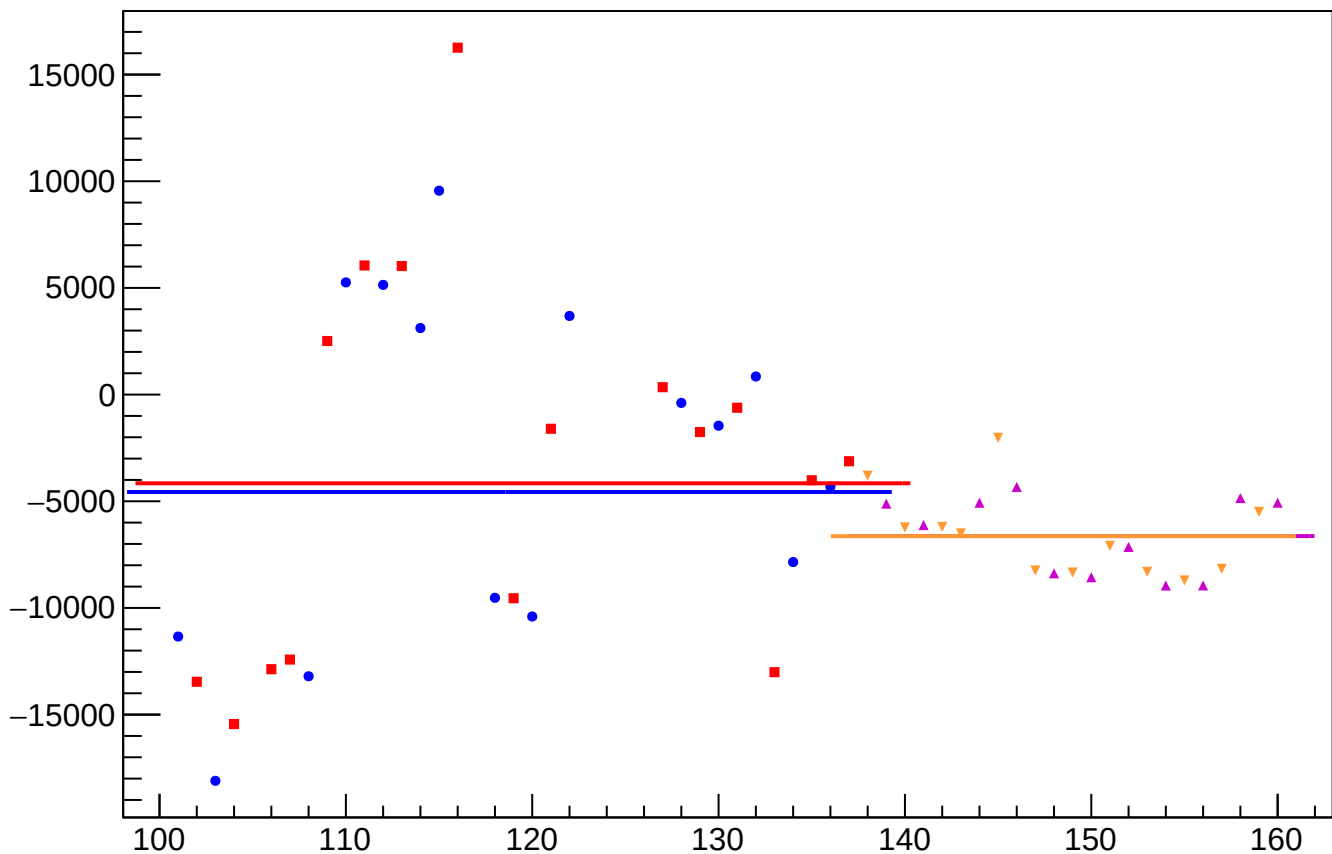
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

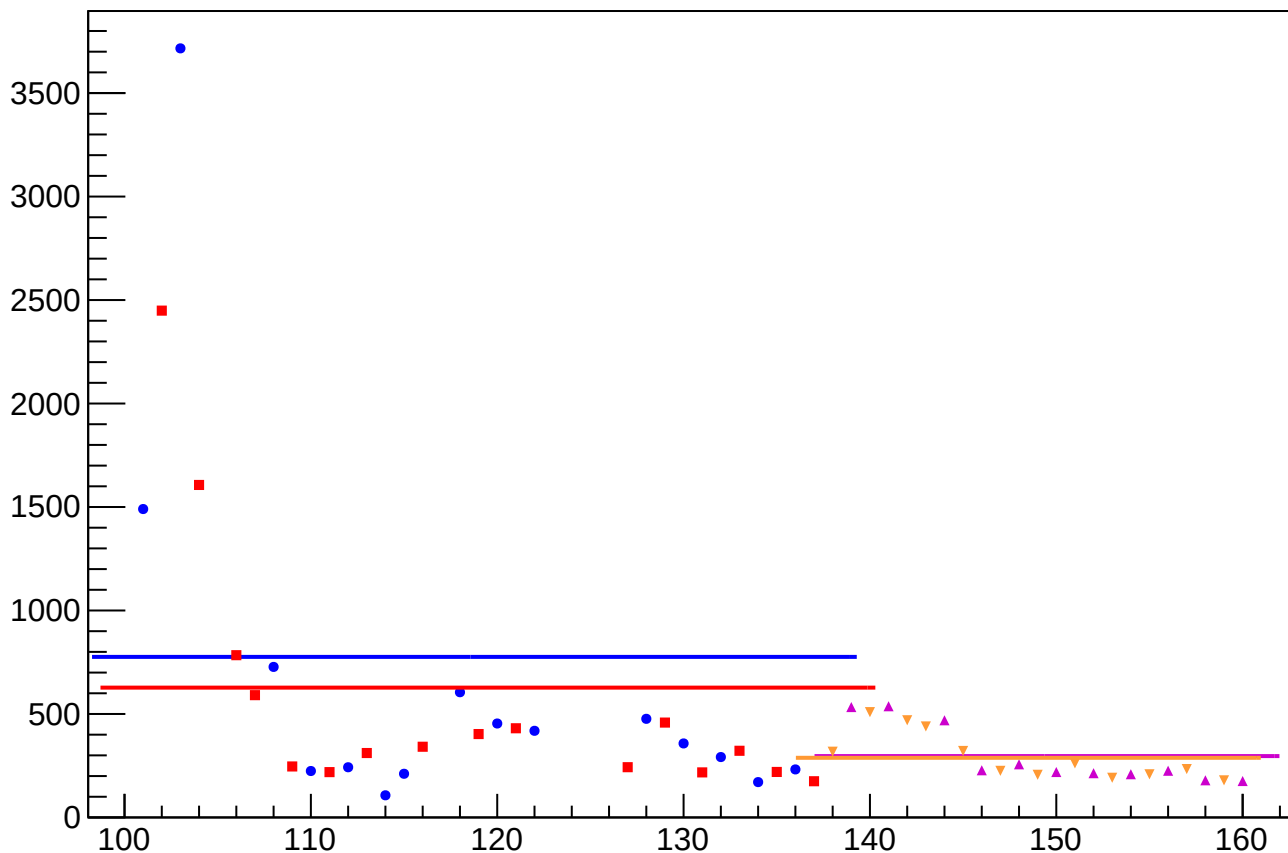
dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -6634.457+/-0.000	χ^2/NDF : 3640150880403299784339543756995645407232.0/11
Right Out: -4156.859+/-0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: -6631.377+/-0.000	χ^2/NDF : 2831140540306304869921468245145345327104.0/10

+ sign -5775.333+/-0.000 χ^2/NDF : 4093261338391
 All: -5683.850+/-0.000 χ^2/NDF : 9170111031
 - sign -5593.977+/-0.000 χ^2/NDF : 50742565096238

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

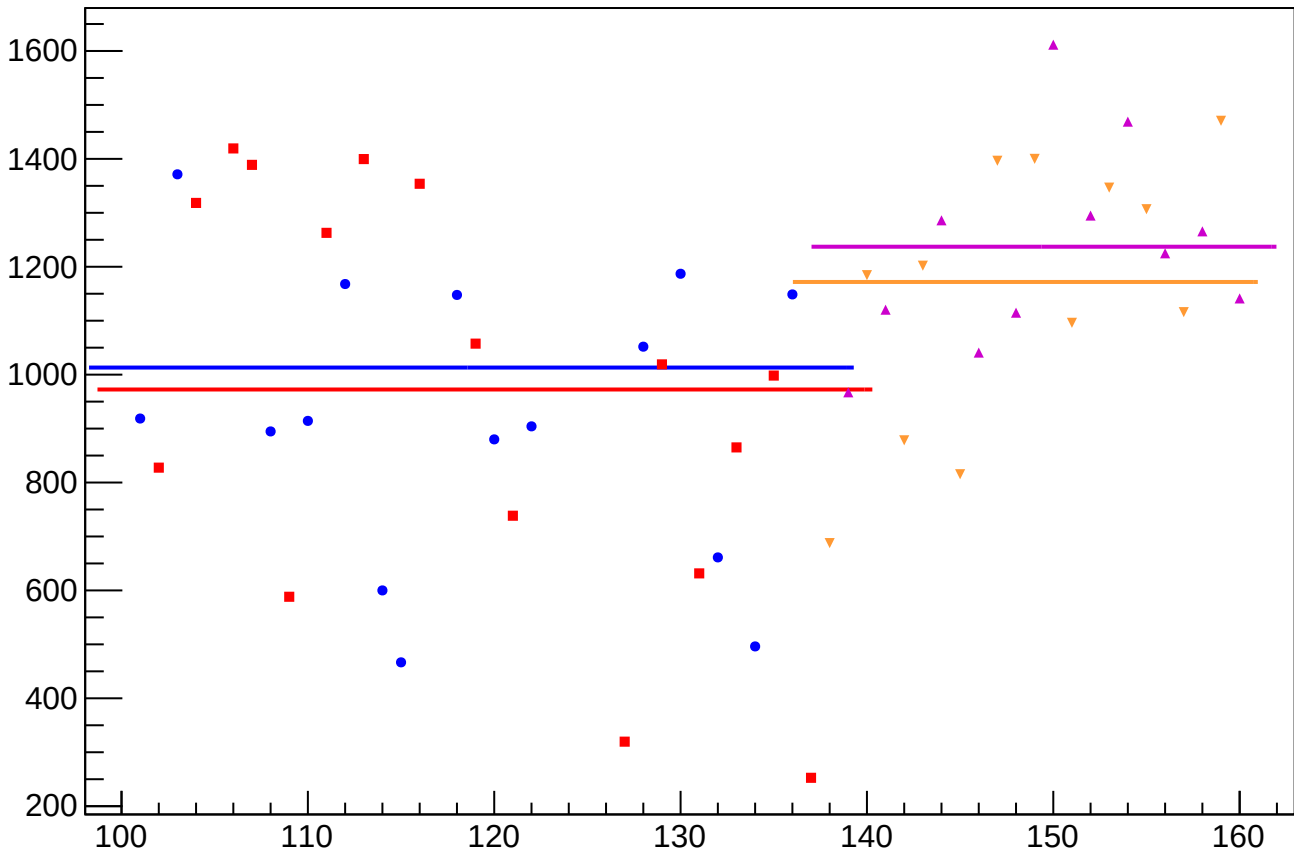
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

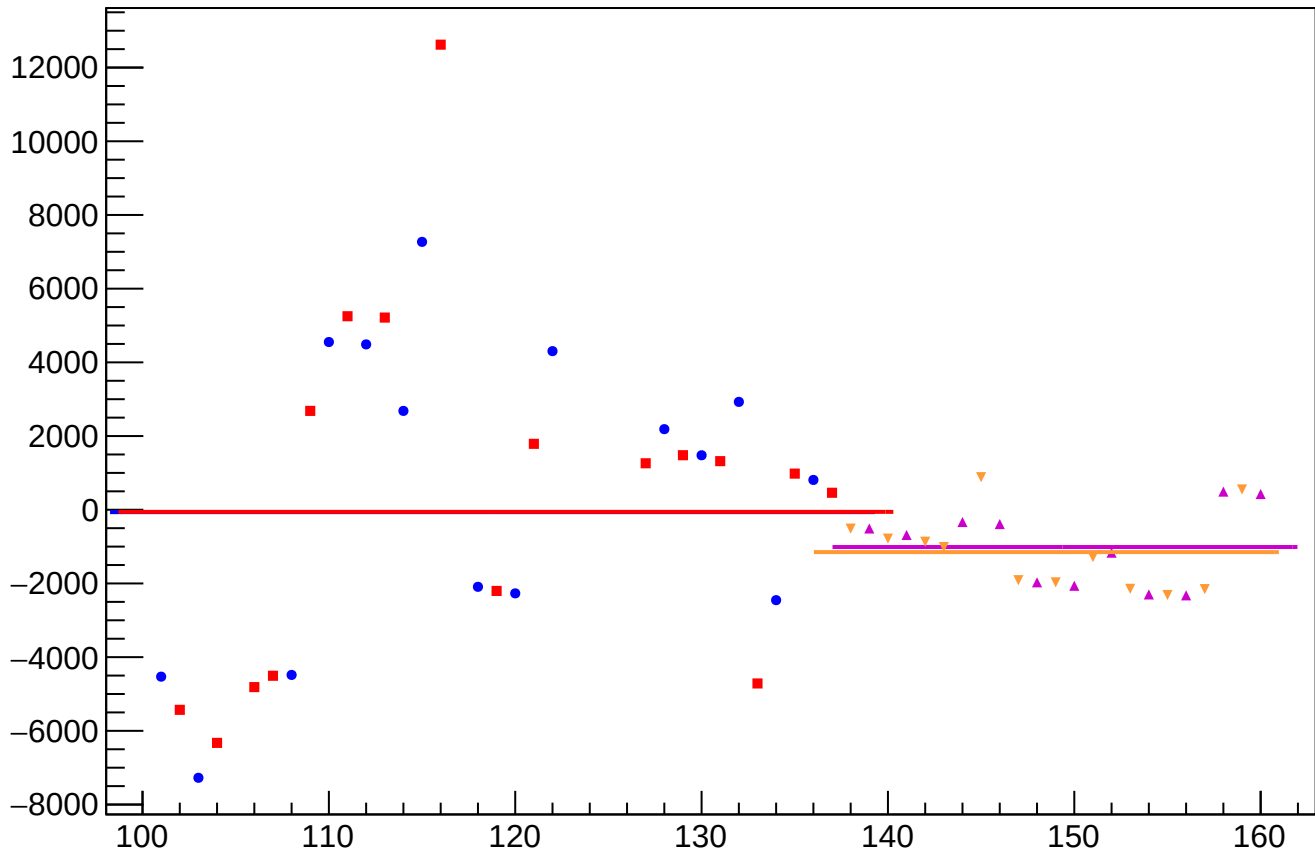
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



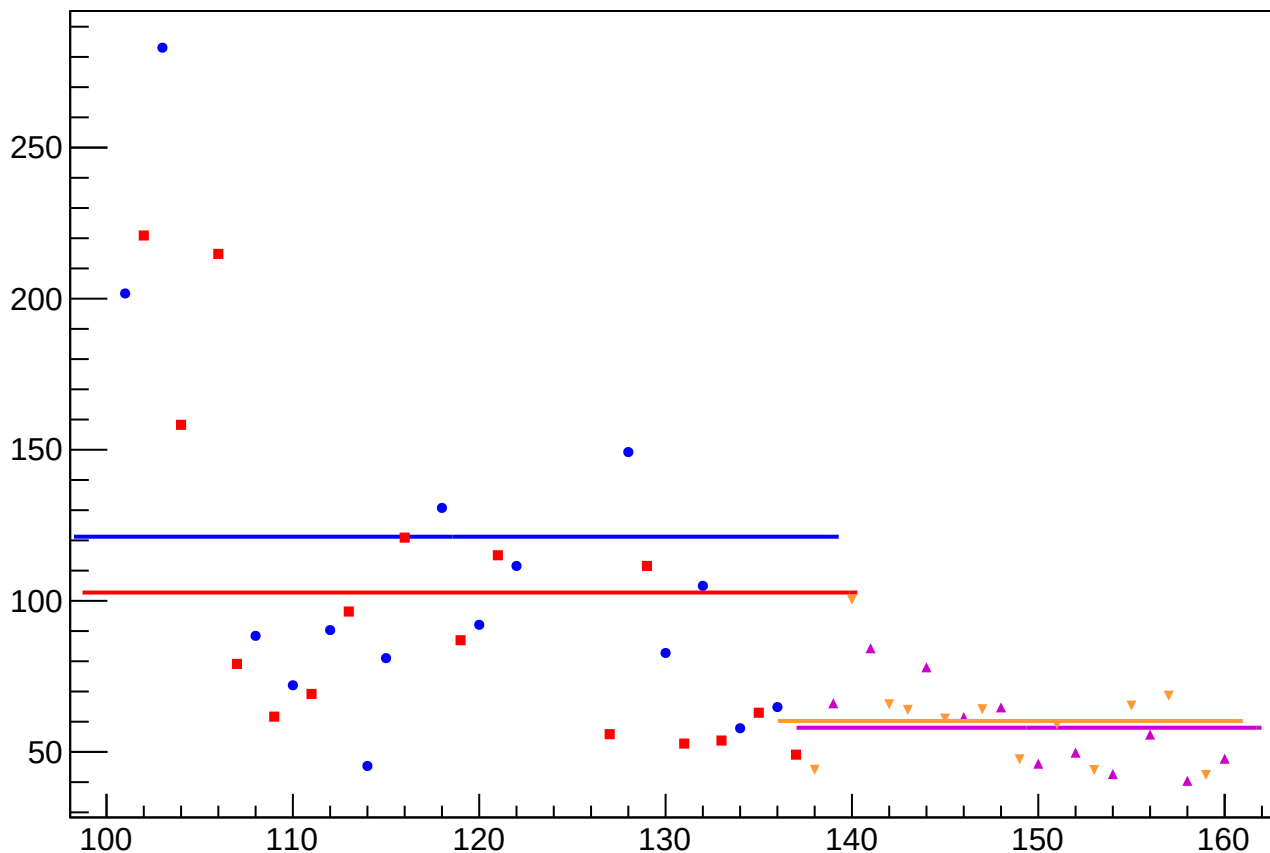
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1149.036 ± 0.000 $\chi^2/\text{NDF}: 977384281251527862797157265716912586752.0/11$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1011.284 ± 0.000 $\chi^2/\text{NDF}: 903909408421874171739001543159795679232.0/10$

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.563 $\pm$ 0.000 χ^2 /NDF: 4359921672162242

Left Out: 60.239 $\pm$ 0.000 χ^2 /NDF: 225102554491032869548797845500329984.0/11

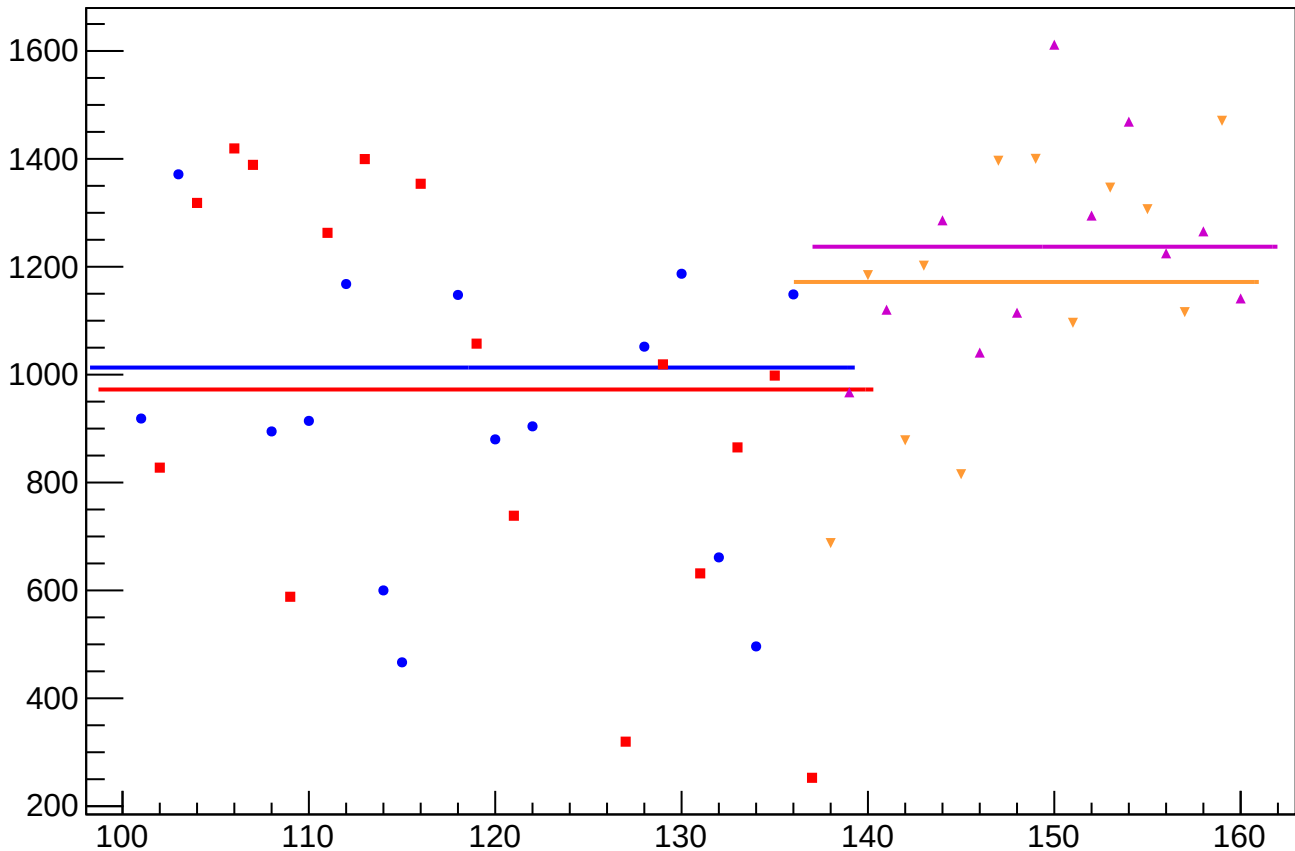
All: 81.126 $\pm$ 0.000 χ^2 /NDF: 7341366605629

Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15

- sign 76.766 $\pm$ 0.000 χ^2 /NDF: 2920429745013475

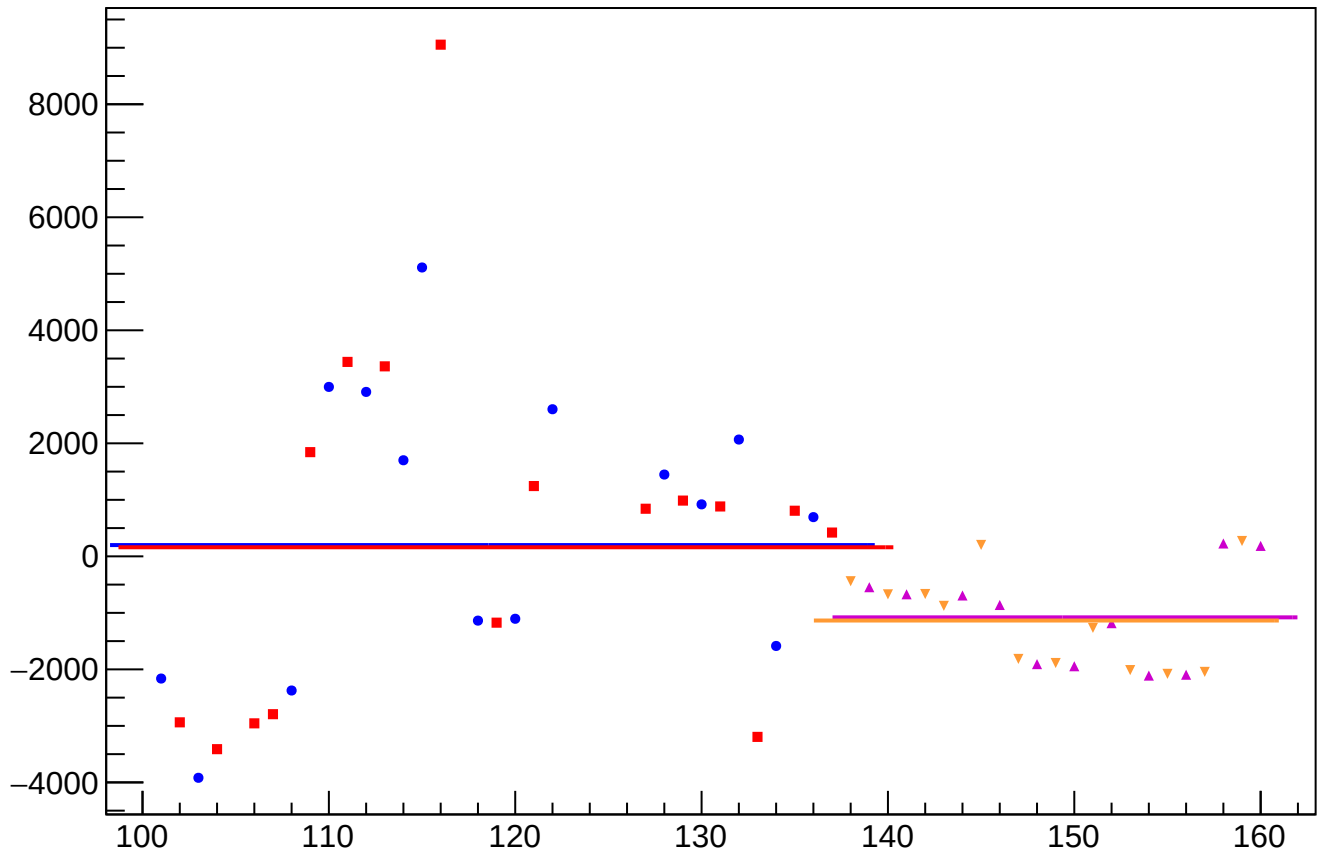
Left In: 58.011 $\pm$ 0.000 χ^2 /NDF: 177427701786540438757655027214450688.0/10

dit_sam5_coil6_Ndata_mean vs Slug



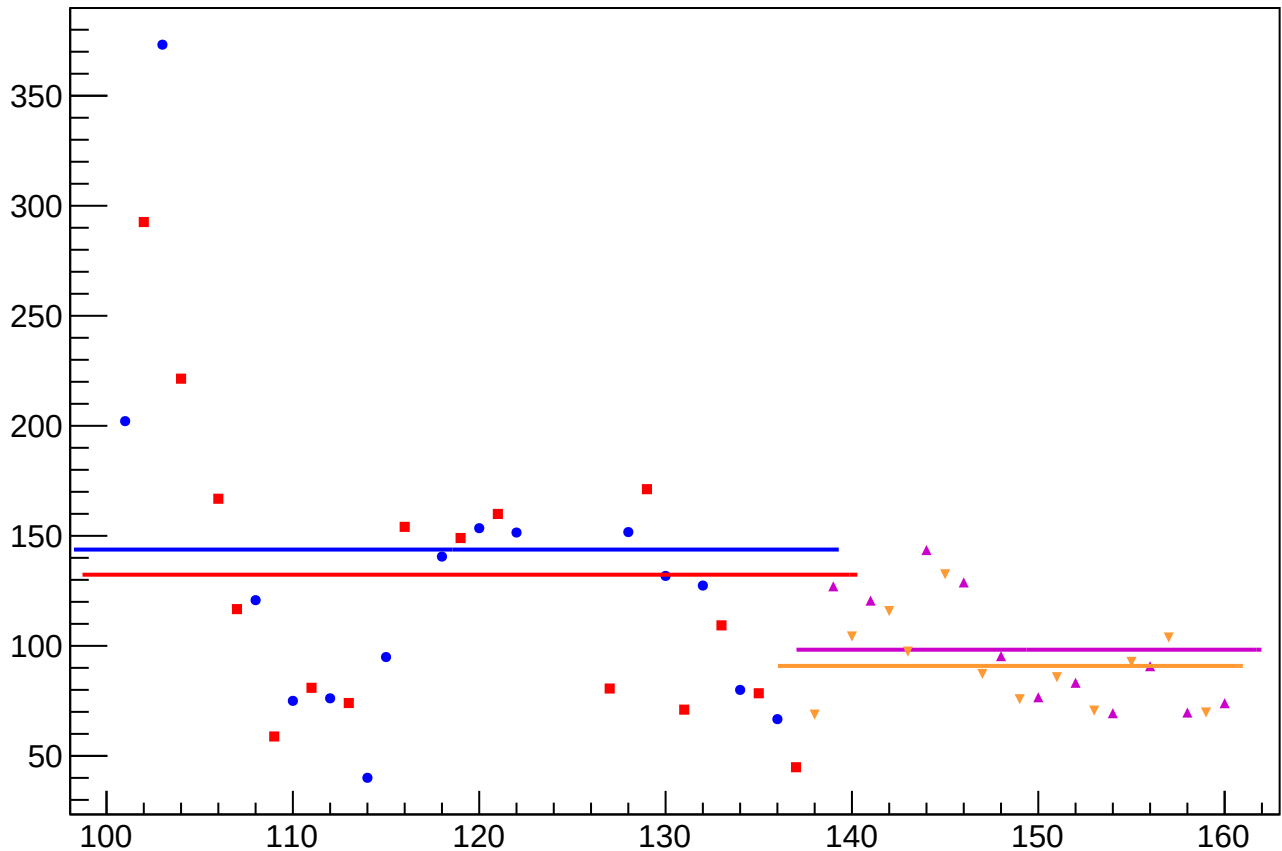
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 90.882 ± 0.000 χ^2/NDF : 326242734851411629220497356388040704.0/11

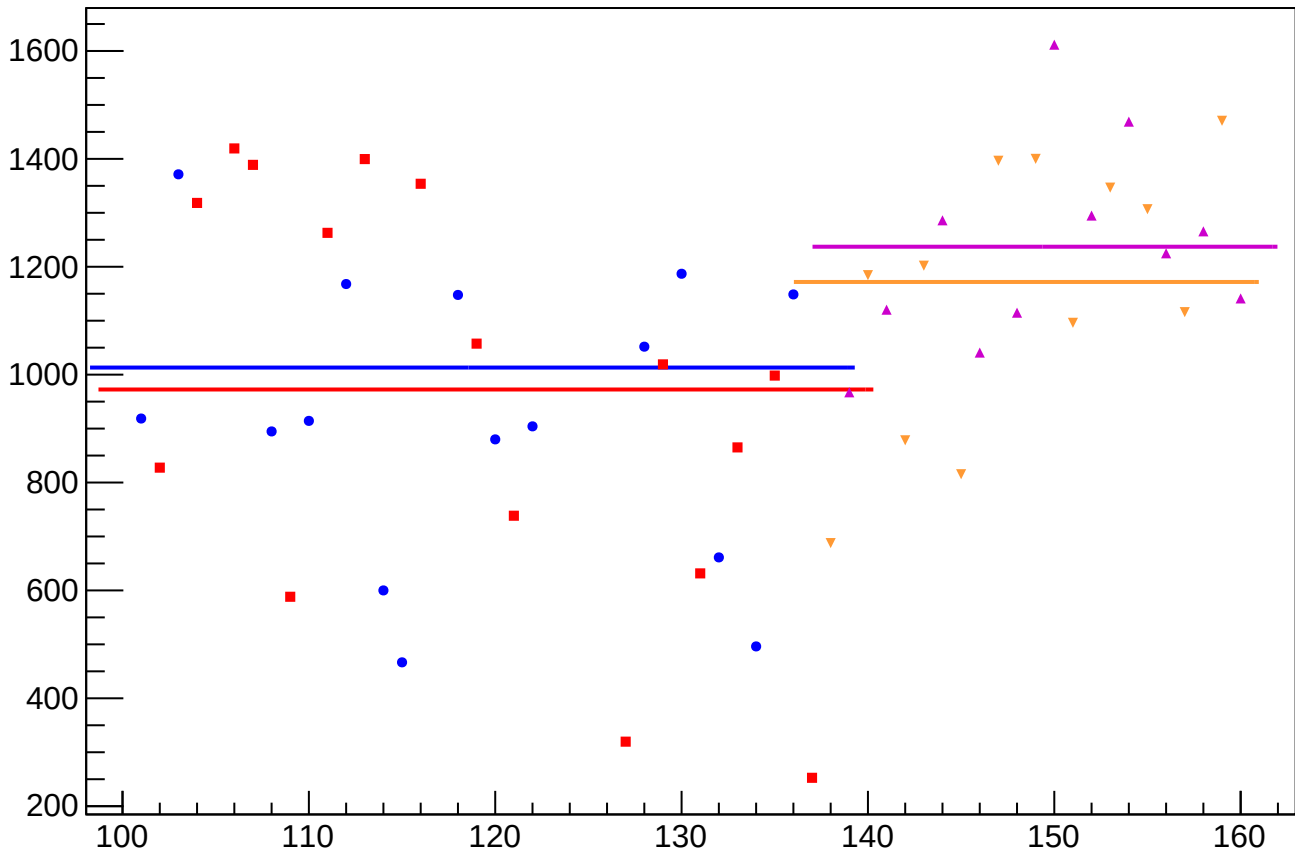
Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

All: 112.691 ± 0.000 χ^2/NDF : 101475107783

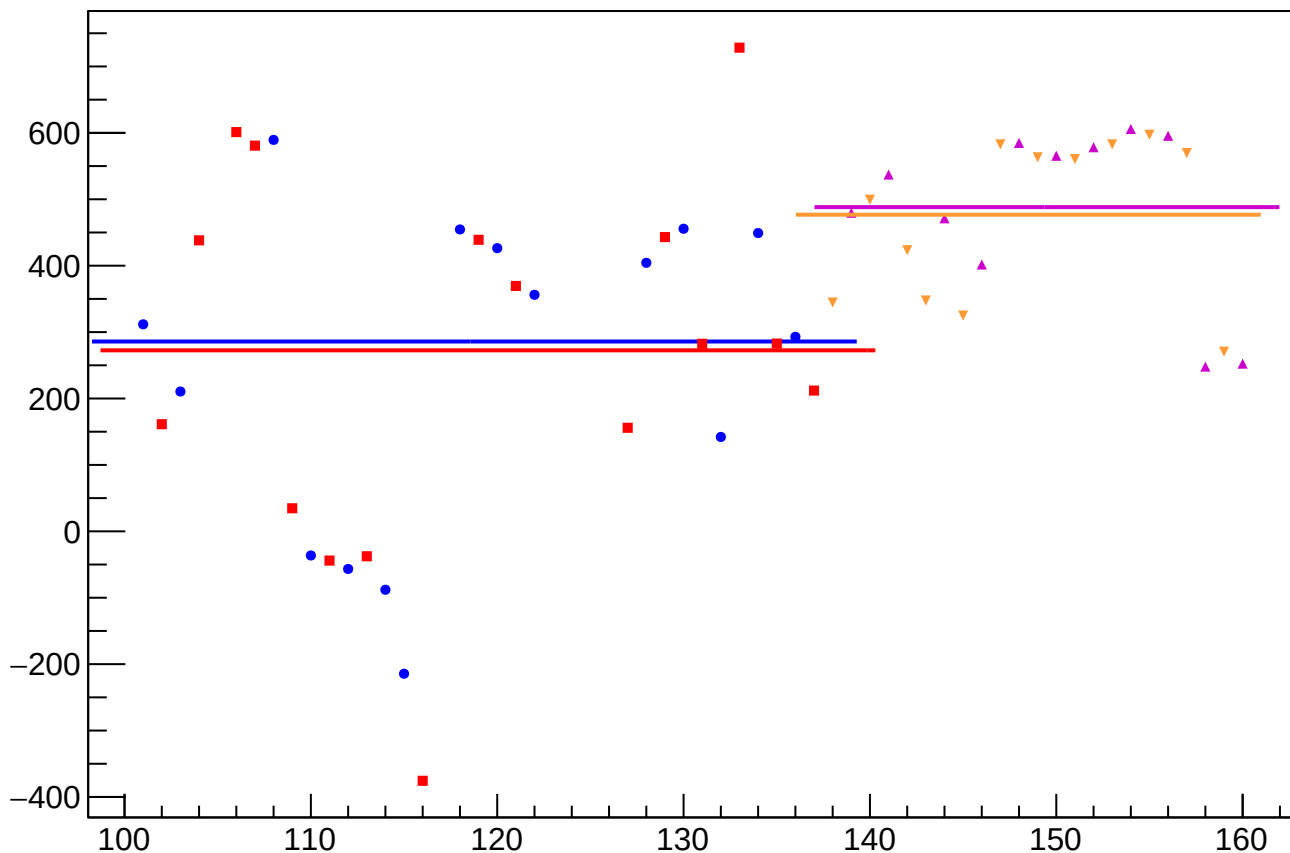
+ sign 112.840 ± 0.000 χ^2/NDF : 590235067464096

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 ± 0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 ± 0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

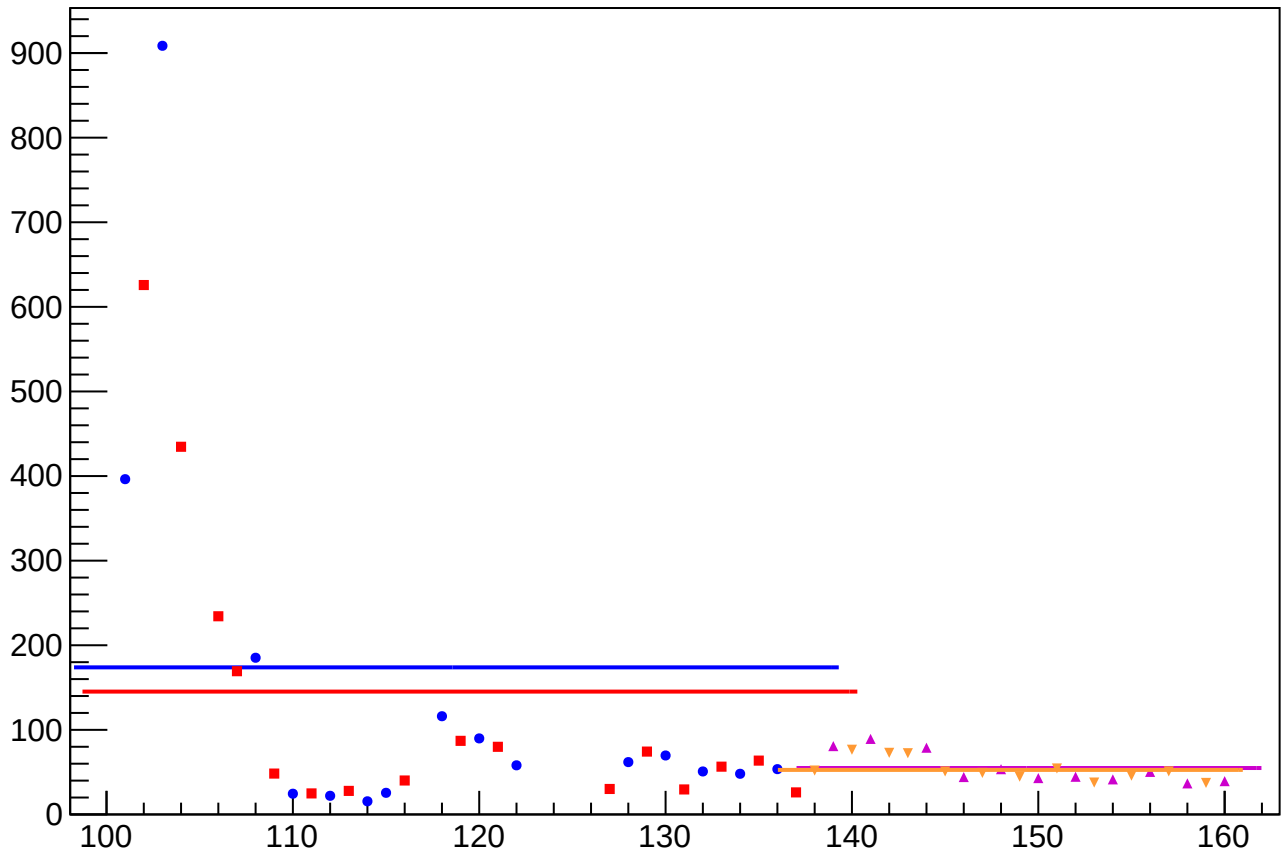
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

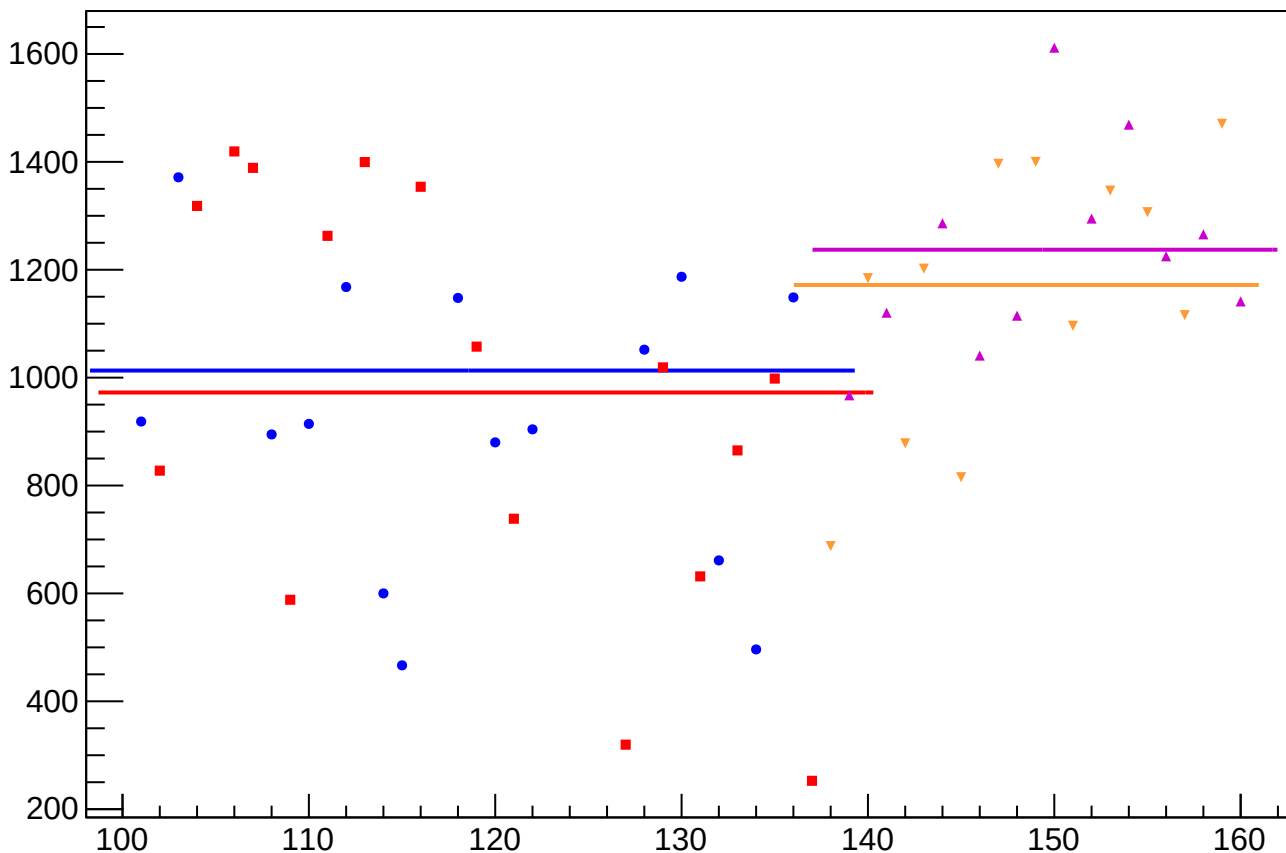
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

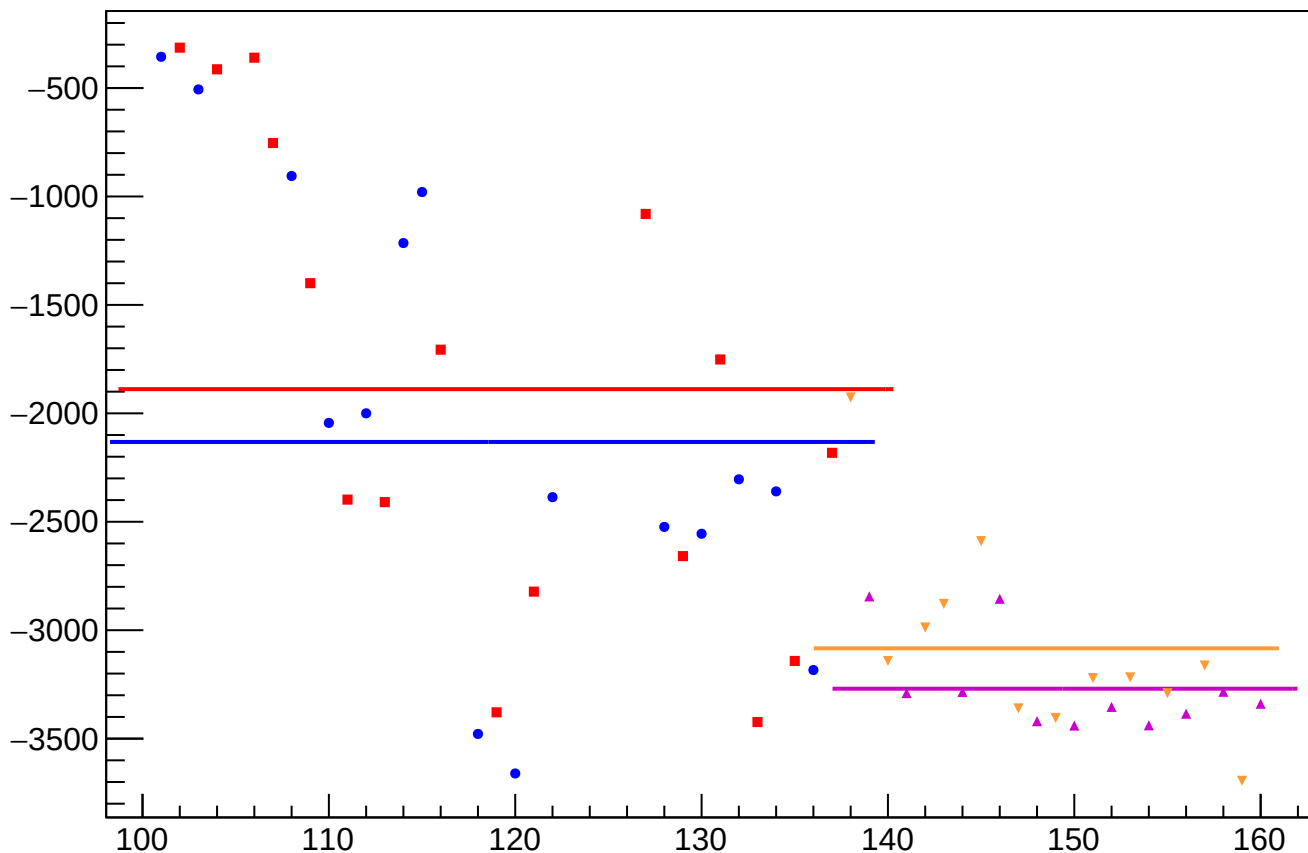
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

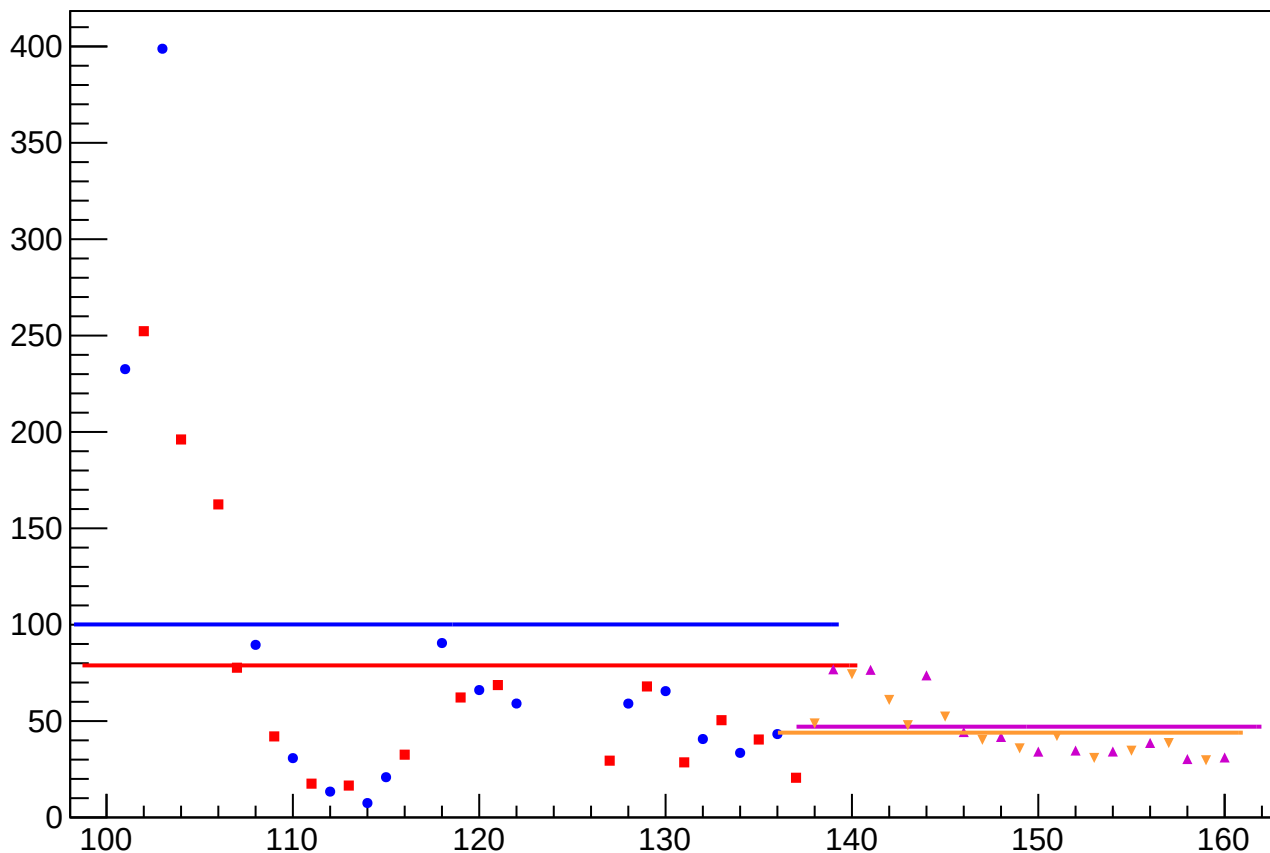
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14	+ sign -2688.506+/-0.000	χ^2/NDF : 1244586997830
Left Out: -3083.729+/-0.000	χ^2/NDF : 178322677856663824149309206068860026880.0/11	All: -2689.595+/-0.000	χ^2/NDF : 2813784024
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15	- sign -2690.665+/-0.000	χ^2/NDF : 15691933486268
Left In: -3269.755+/-0.000	χ^2/NDF : 38098096180391062431092176239781216256.0/10		

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.994+/-0.000 χ^2/NDF : 144038877087981194806470678002270208.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

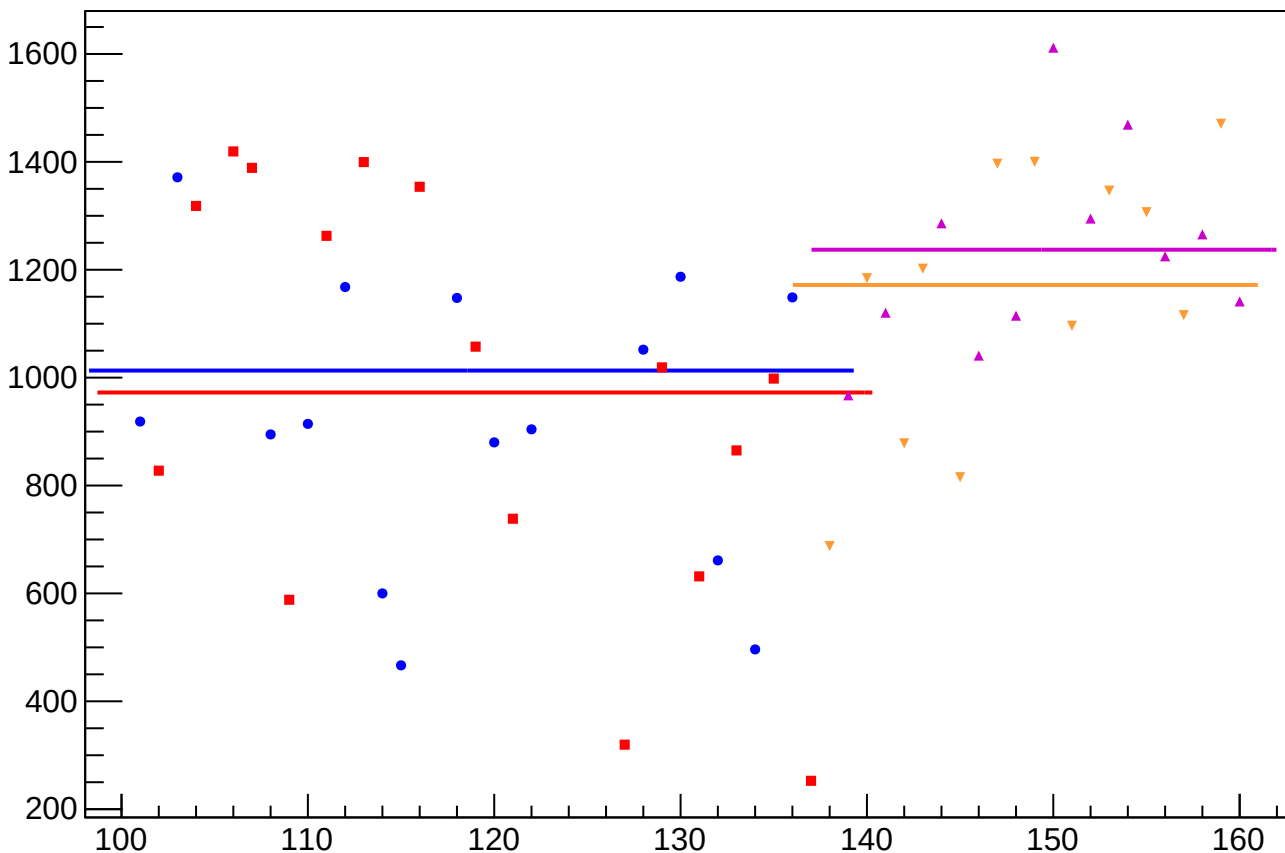
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.306+/-0.000 χ^2/NDF : 9154119203552440

All: 63.832+/-0.000 χ^2/NDF : 1341063315555

- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

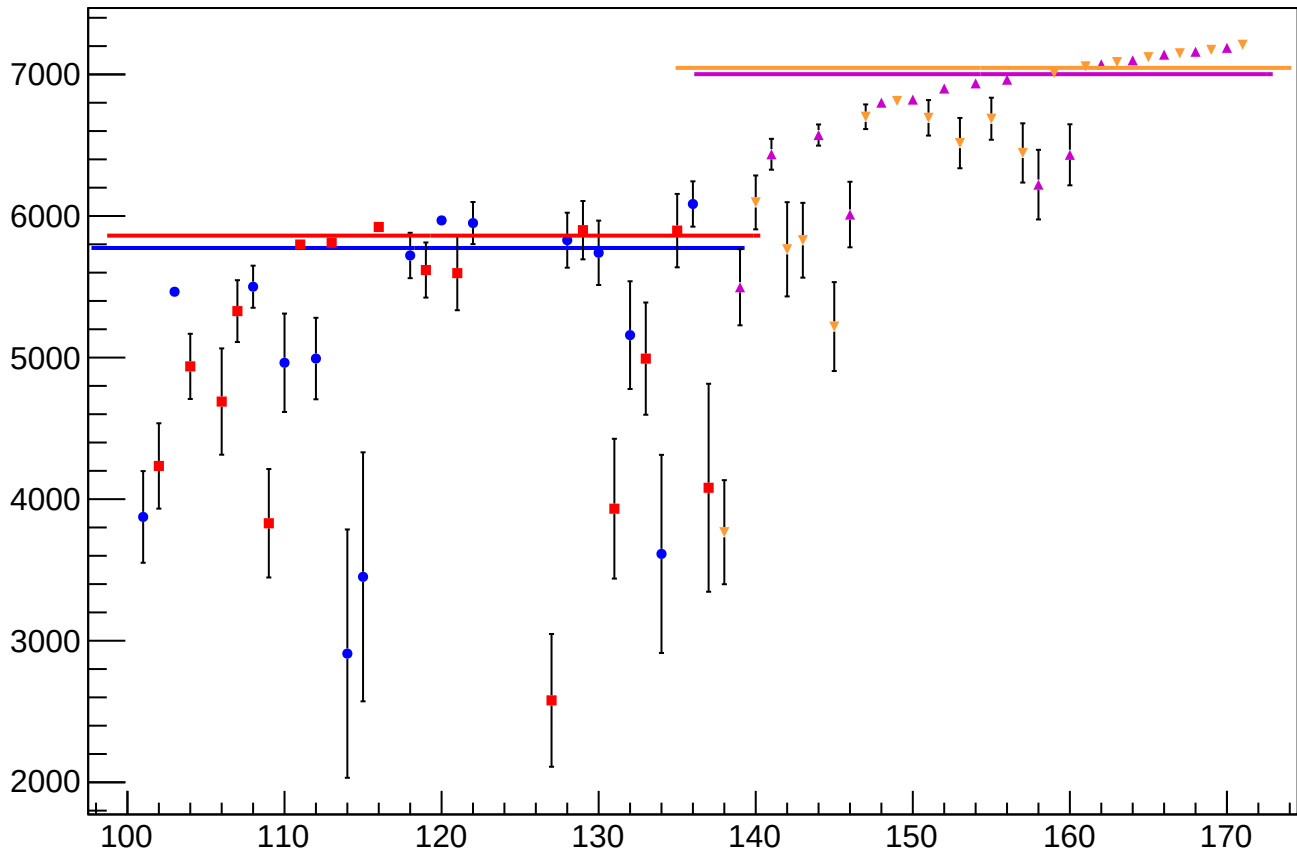
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7046.243 $\pm$ 0.151 χ^2 /NDF: 886118.0/17

+ sign 6524.070 $\pm$ 0.116 χ^2 /NDF: 31689631.1/32

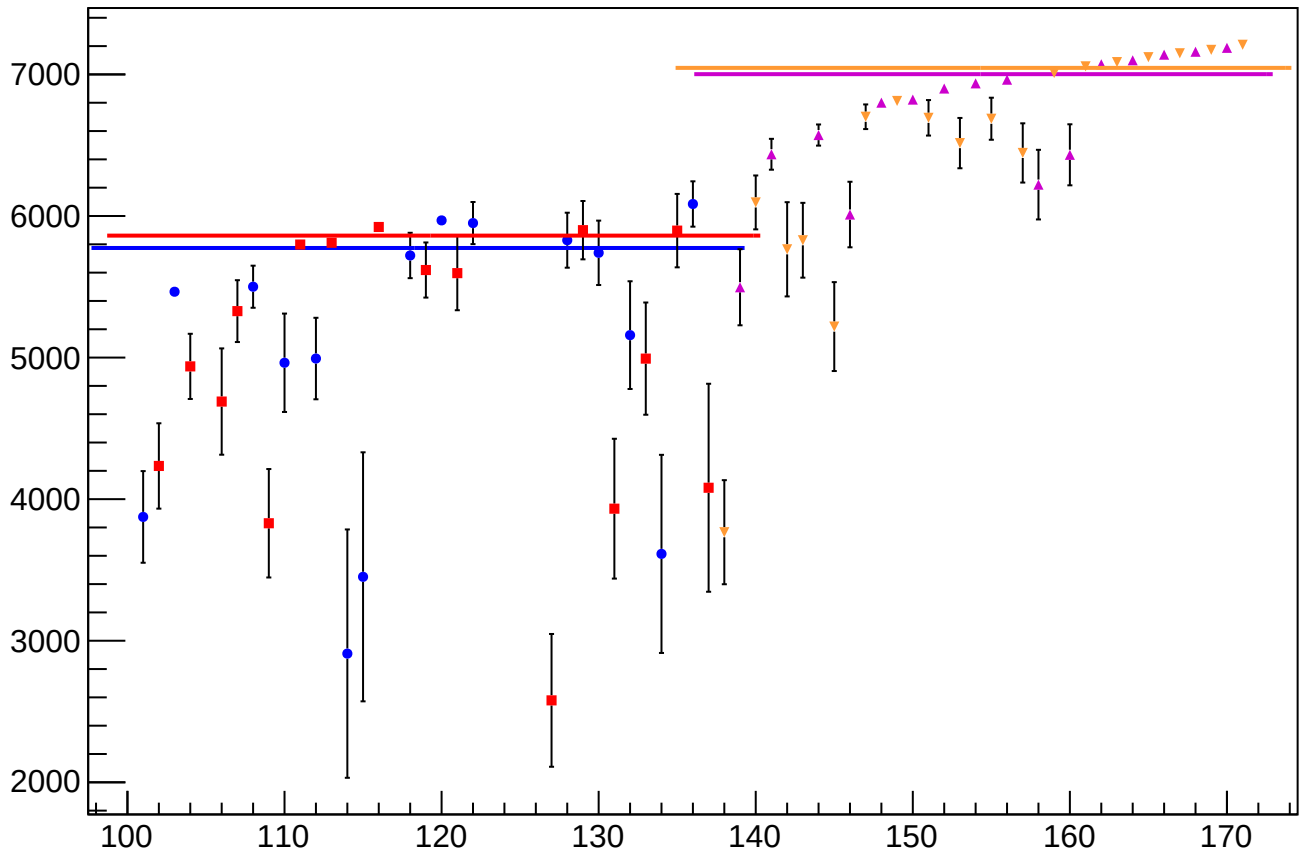
Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

All: 6503.615 $\pm$ 0.073 χ^2 /NDF: 70060934.6/6

Left In: 7001.833 $\pm$ 0.126 χ^2 /NDF: 1324782.8/15

- sign 6490.392 $\pm$ 0.093 χ^2 /NDF: 38320334.9/31

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7046.243 $\pm$ 0.151 χ^2 /NDF: 886118.0/17

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

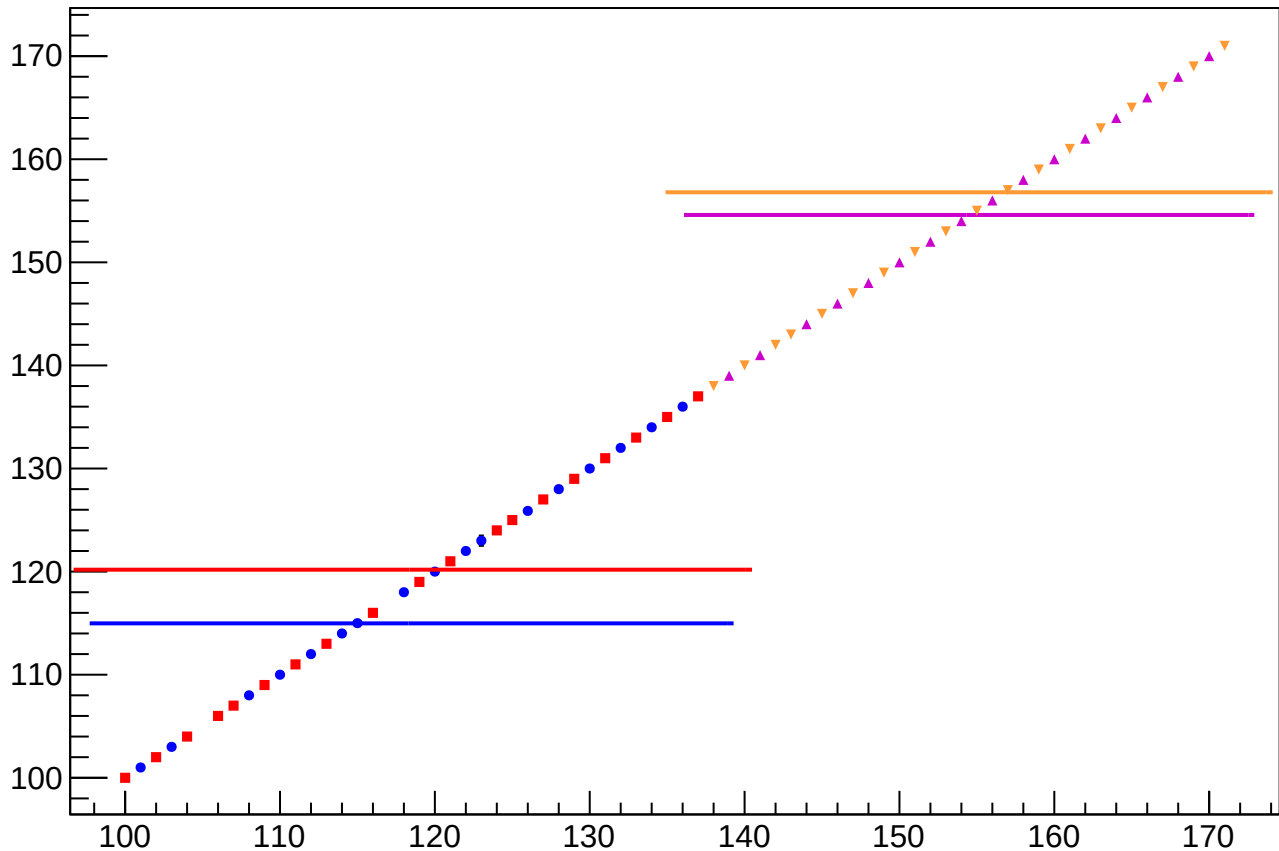
Left In: 7001.833 $\pm$ 0.126 χ^2 /NDF: 1324782.8/15

+ sign 6524.070 $\pm$ 0.116 χ^2 /NDF: 31689631.1/32

All: 6503.615 $\pm$ 0.073 χ^2 /NDF: 70060934.6/6

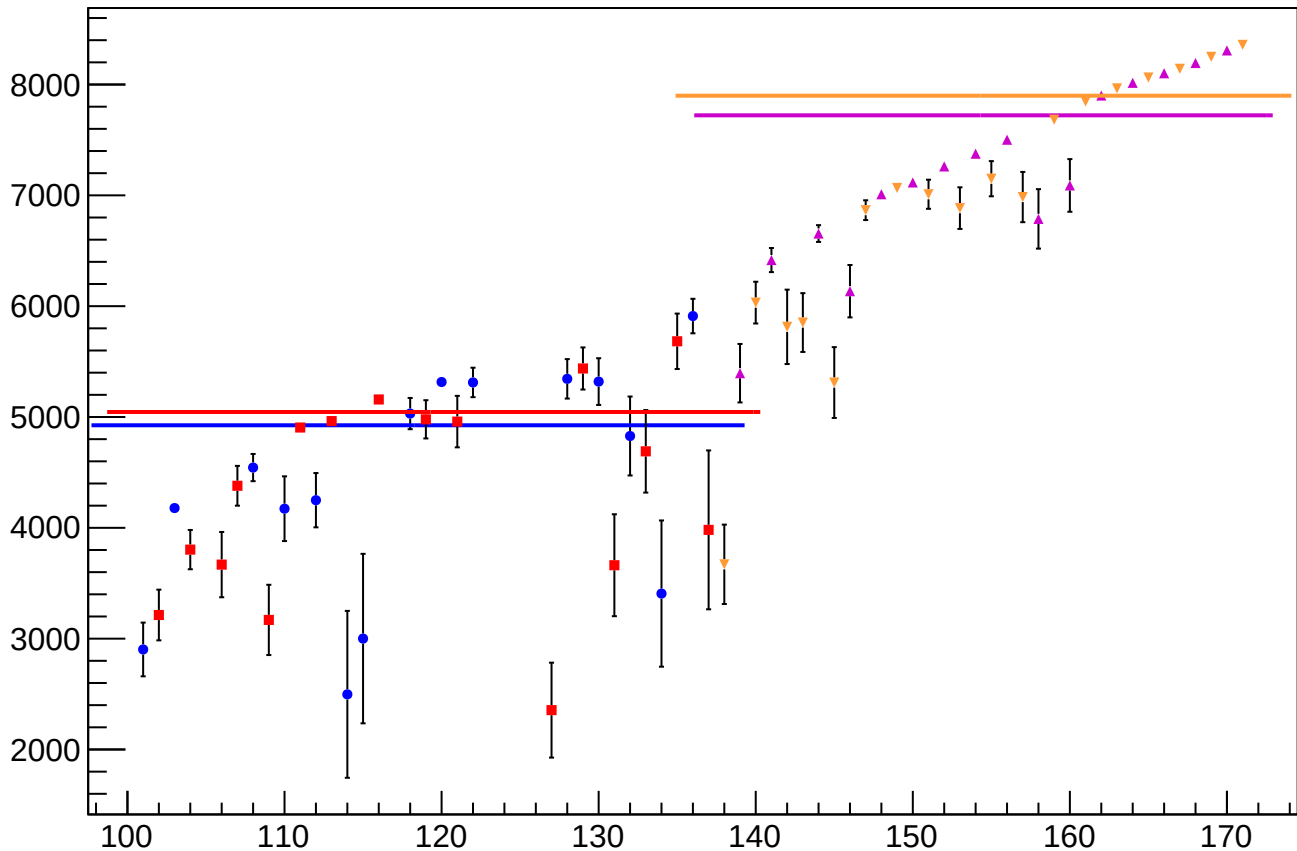
- sign 6490.392 $\pm$ 0.093 χ^2 /NDF: 38320334.9/31

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 156.796+/-0.000 χ^2/NDF : 59632946739739963563318678913024.0/17
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 154.594+/-0.000 χ^2/NDF : 32593298913636077691501700710400.0/15

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7899.135 $\pm$ 0.582 χ^2 /NDF: 502528.0/17

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

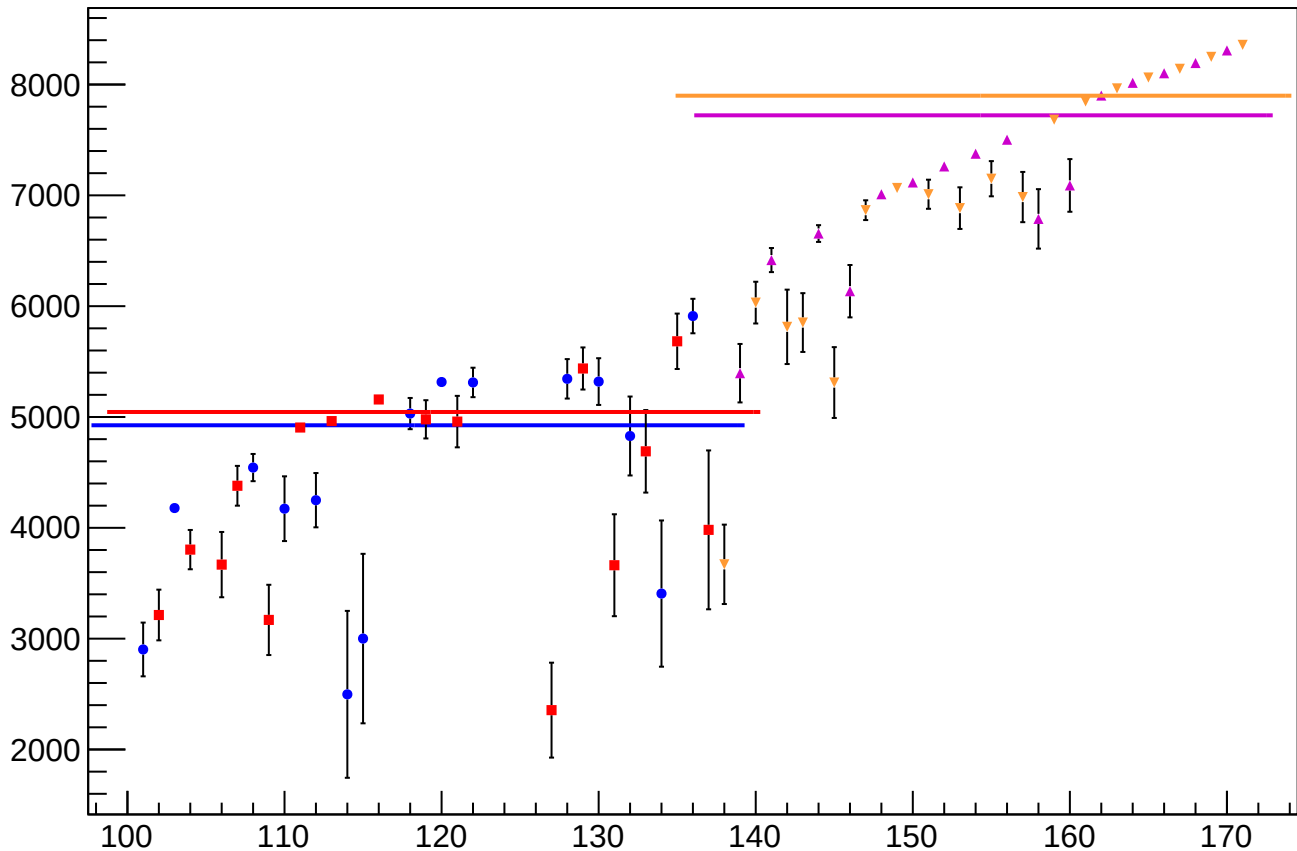
Left In: 7722.016 $\pm$ 0.517 χ^2 /NDF: 787865.4/15

+ sign 7074.227 $\pm$ 0.494 χ^2 /NDF: 8085960.3/32

All: 6863.310 $\pm$ 0.315 χ^2 /NDF: 19256572.7/6

- sign 6719.114 $\pm$ 0.409 χ^2 /NDF: 10864180.0/31

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7899.135 $\pm$ 0.582 χ^2 /NDF: 502528.0/17

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

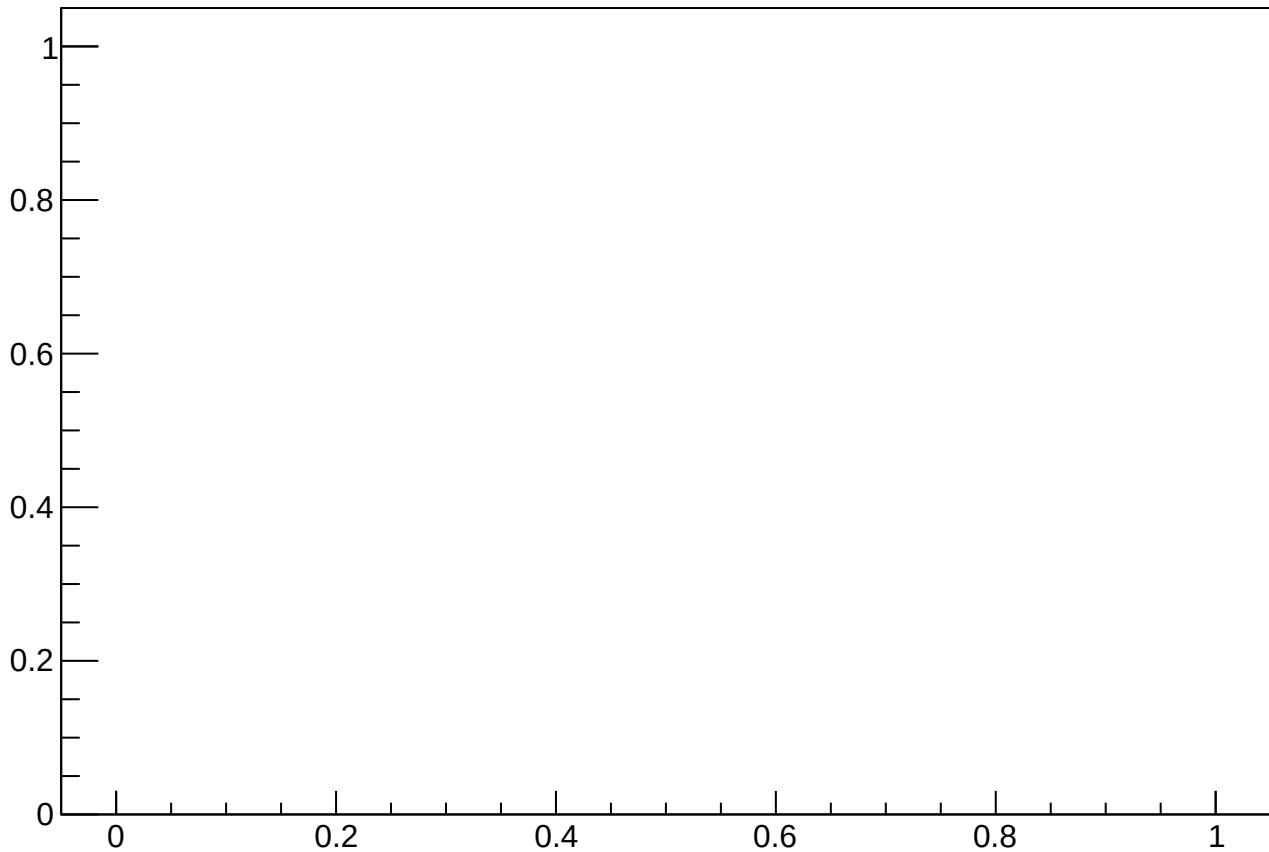
Left In: 7722.016 $\pm$ 0.517 χ^2 /NDF: 787865.4/15

+ sign 7074.227 $\pm$ 0.494 χ^2 /NDF: 8085960.3/32

All: 6863.310 $\pm$ 0.315 χ^2 /NDF: 19256572.7/6

- sign 6719.114 $\pm$ 0.409 χ^2 /NDF: 10864180.0/31

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

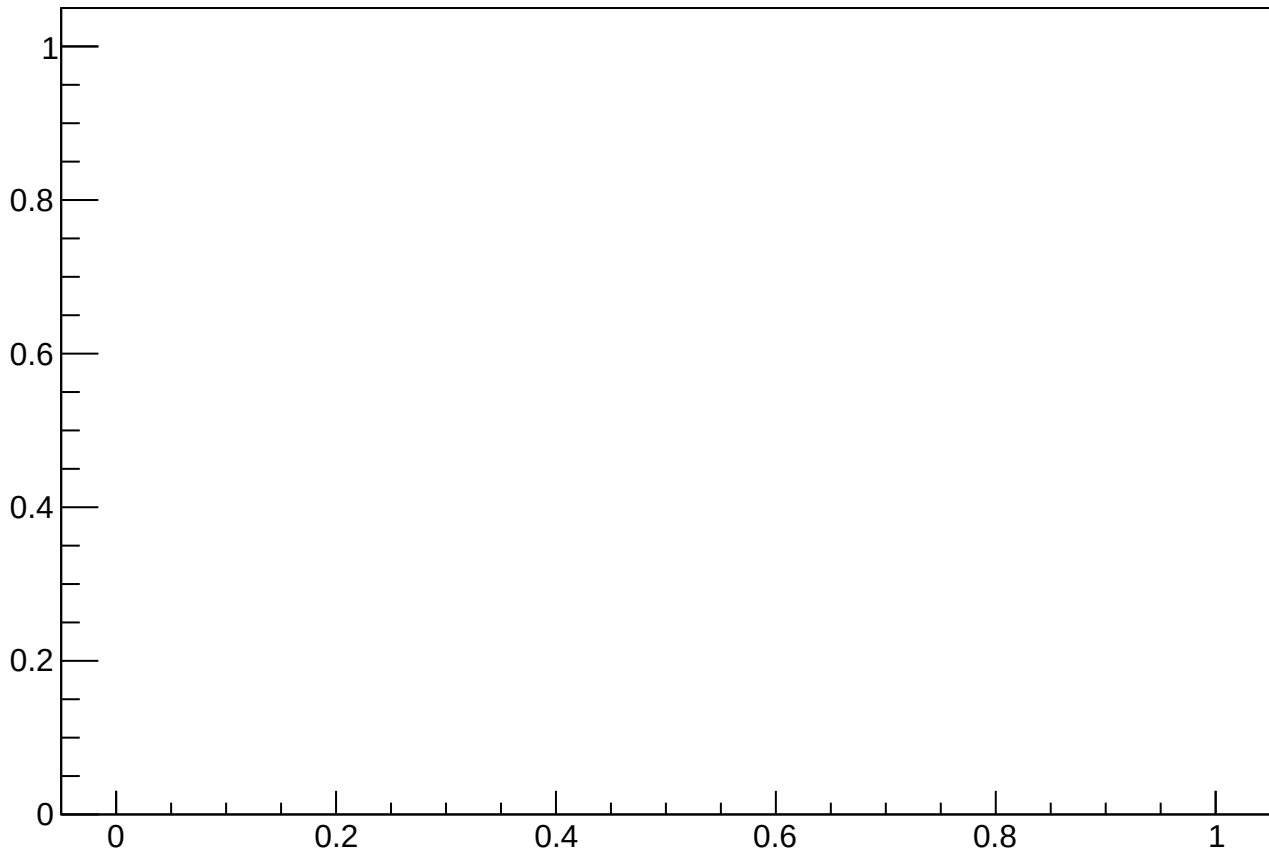
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



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

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

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

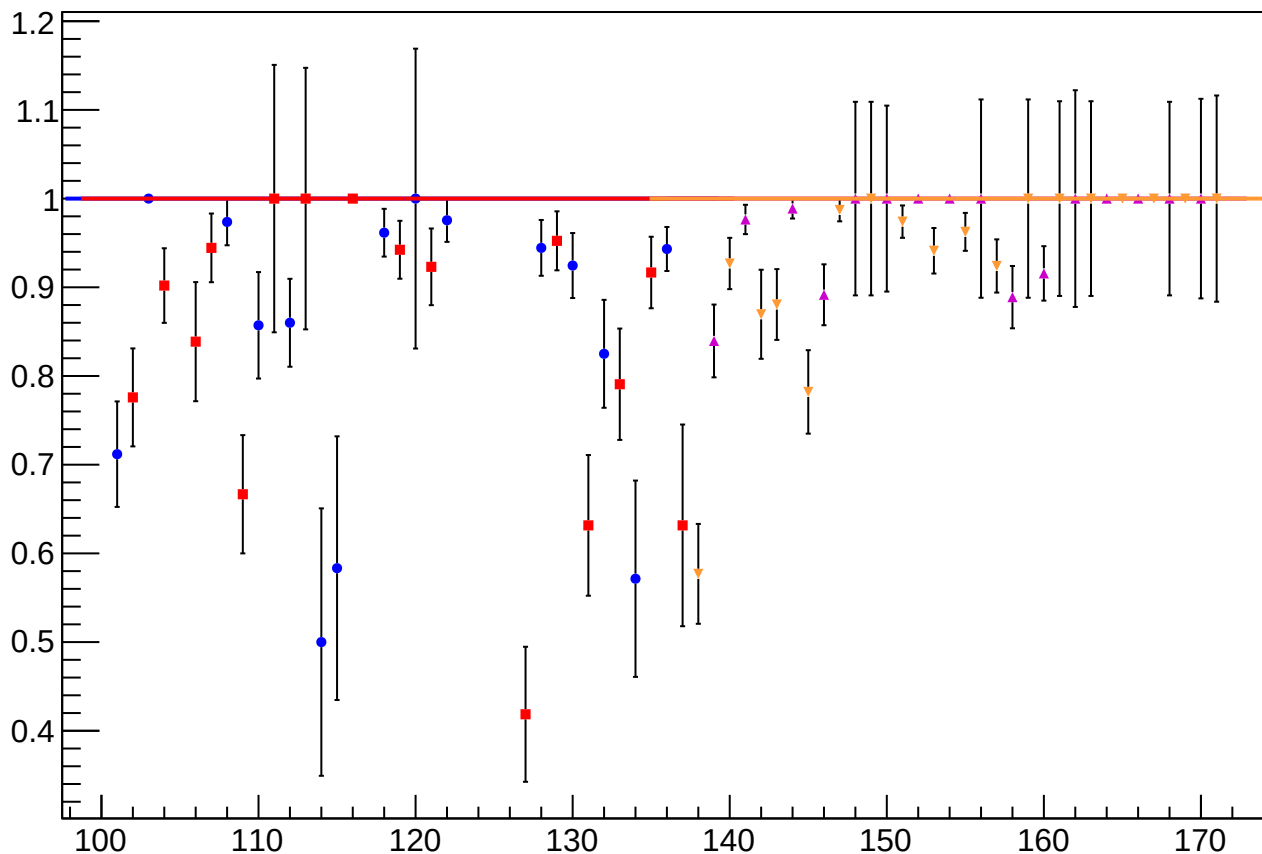
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_flag_mean vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:176.8/17

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

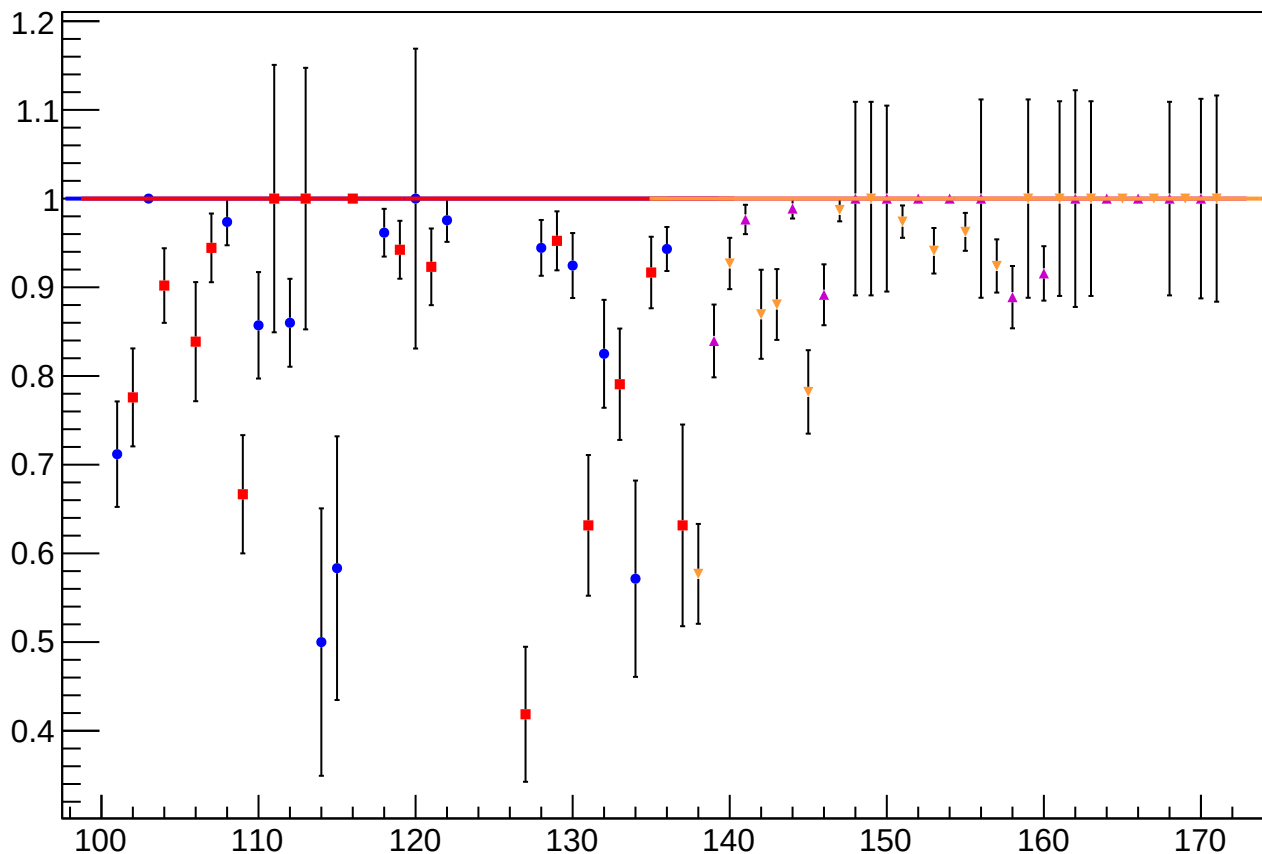
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/15

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 384.7/32

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1022.4/64

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/31

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:176.8/17

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

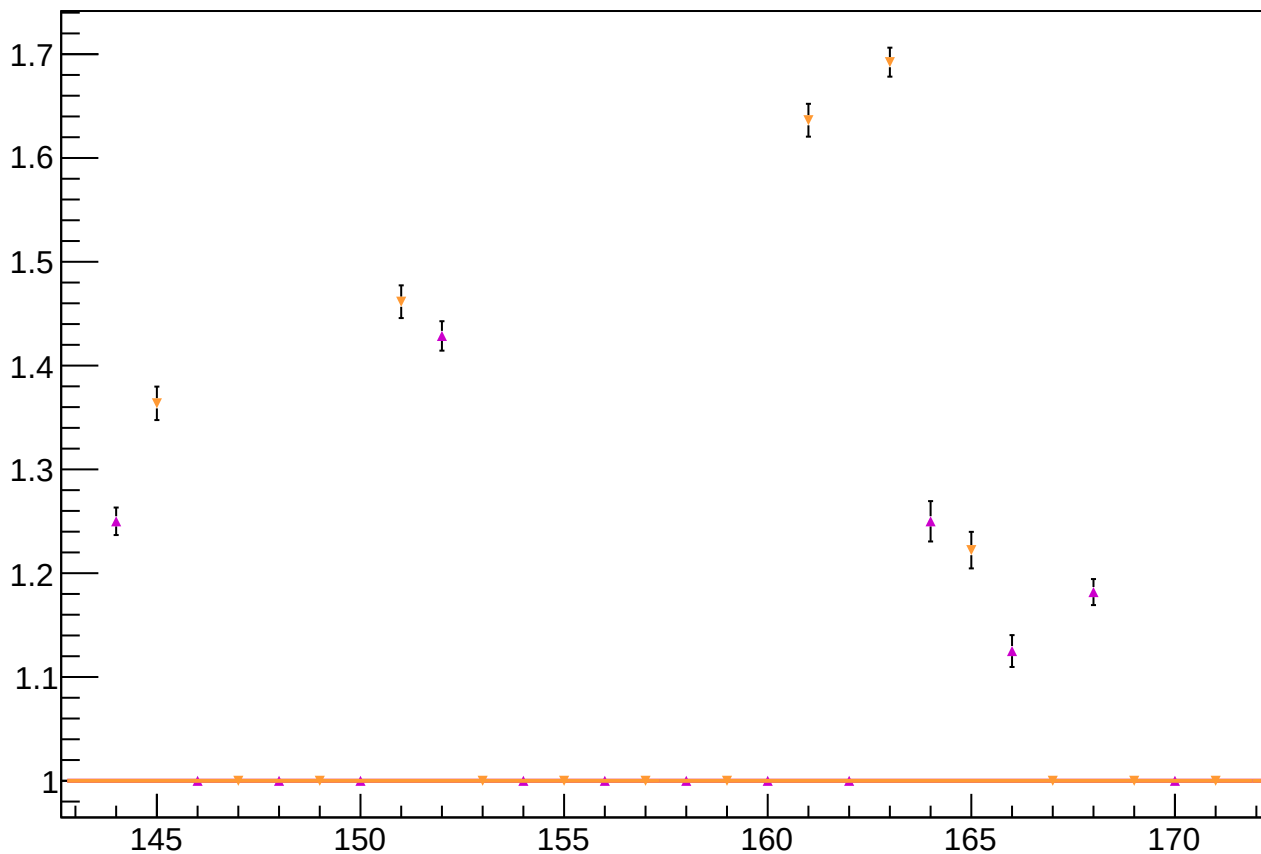
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:1081.3/15

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 384.7/32

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1022.4/64

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 490.5/31

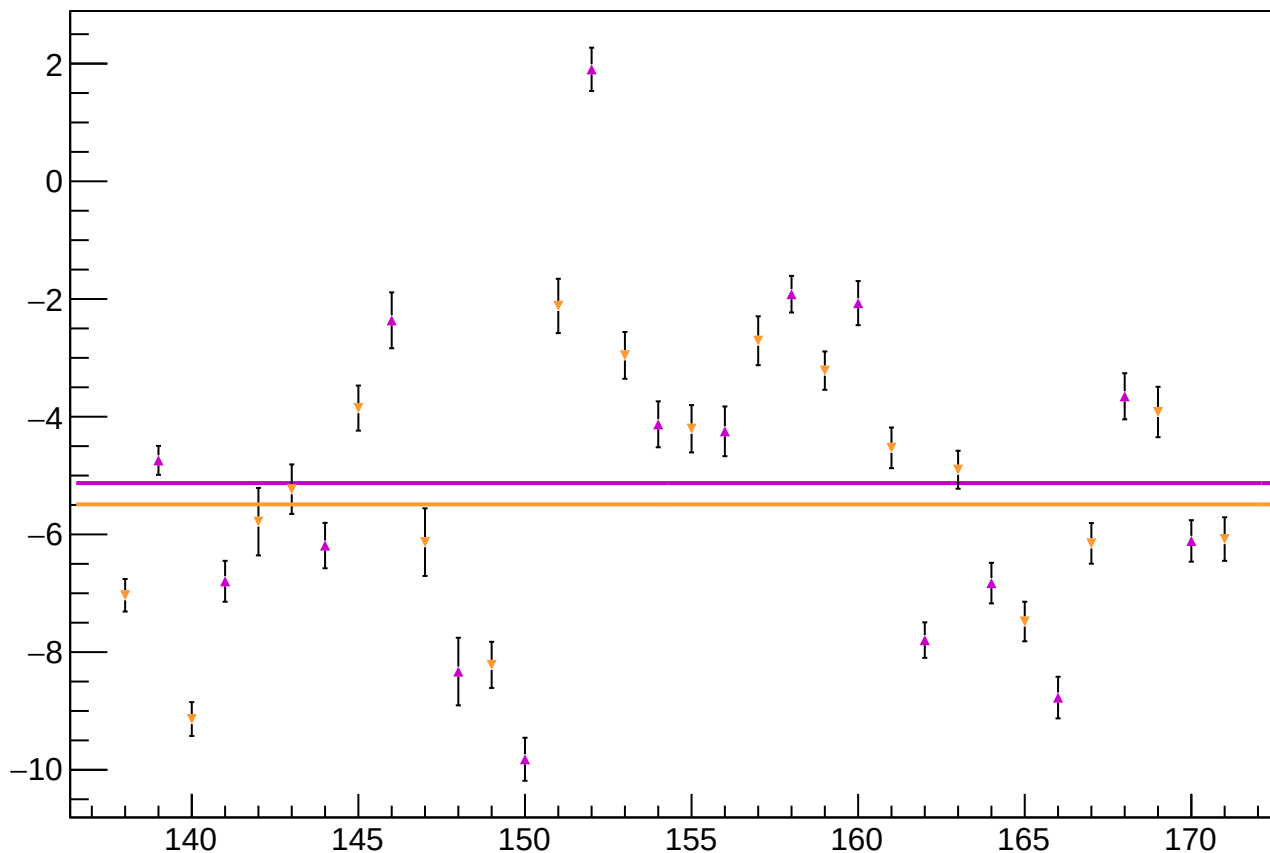
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF : 6693.1/13
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF : 2452.3/13

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.000+/-0.000 χ^2/NDF : 8815.6/27
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

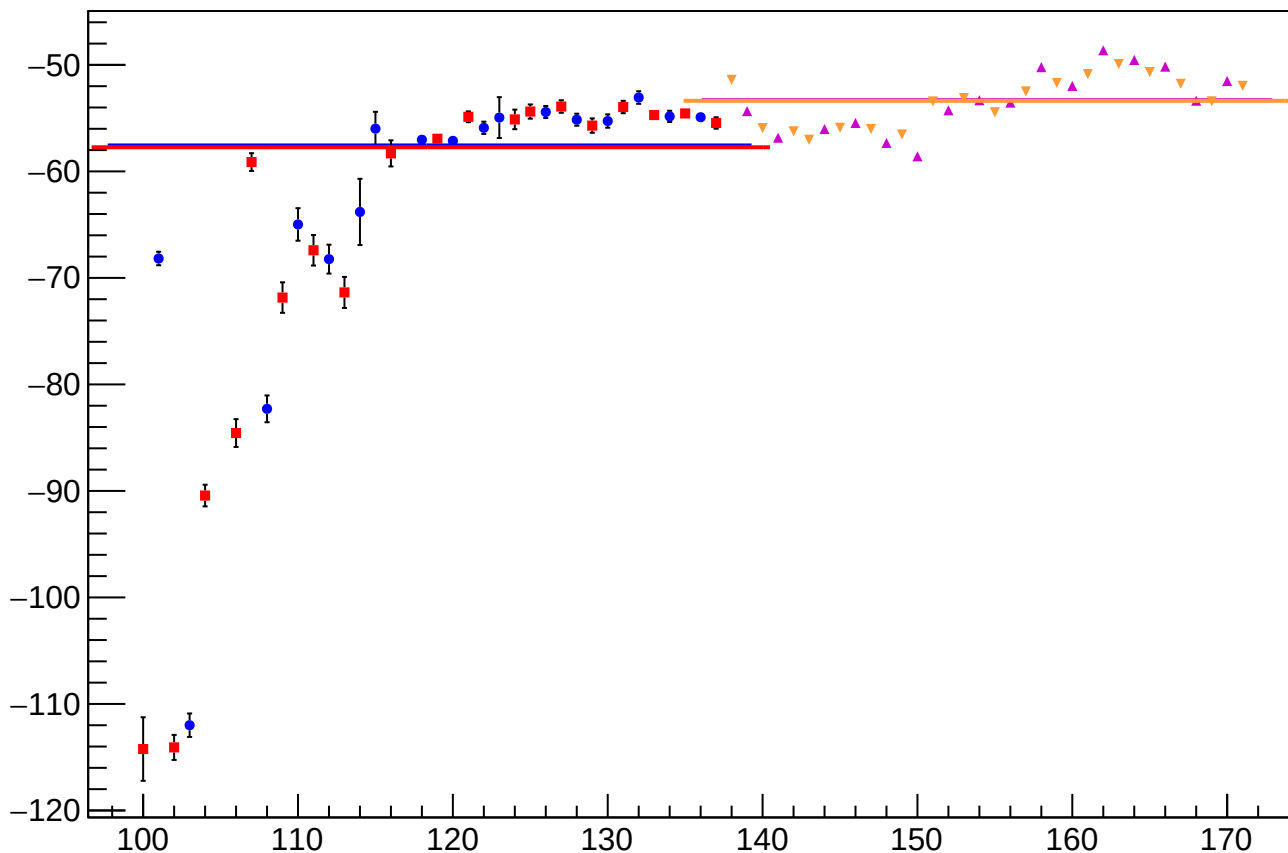
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.490+/-0.088 χ^2/NDF : 523.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.127+/-0.089 χ^2/NDF : 1041.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.312+/-0.063 χ^2/NDF : 1573.4/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -53.371 ± 0.066 χ^2/NDF : 1193.8/17

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

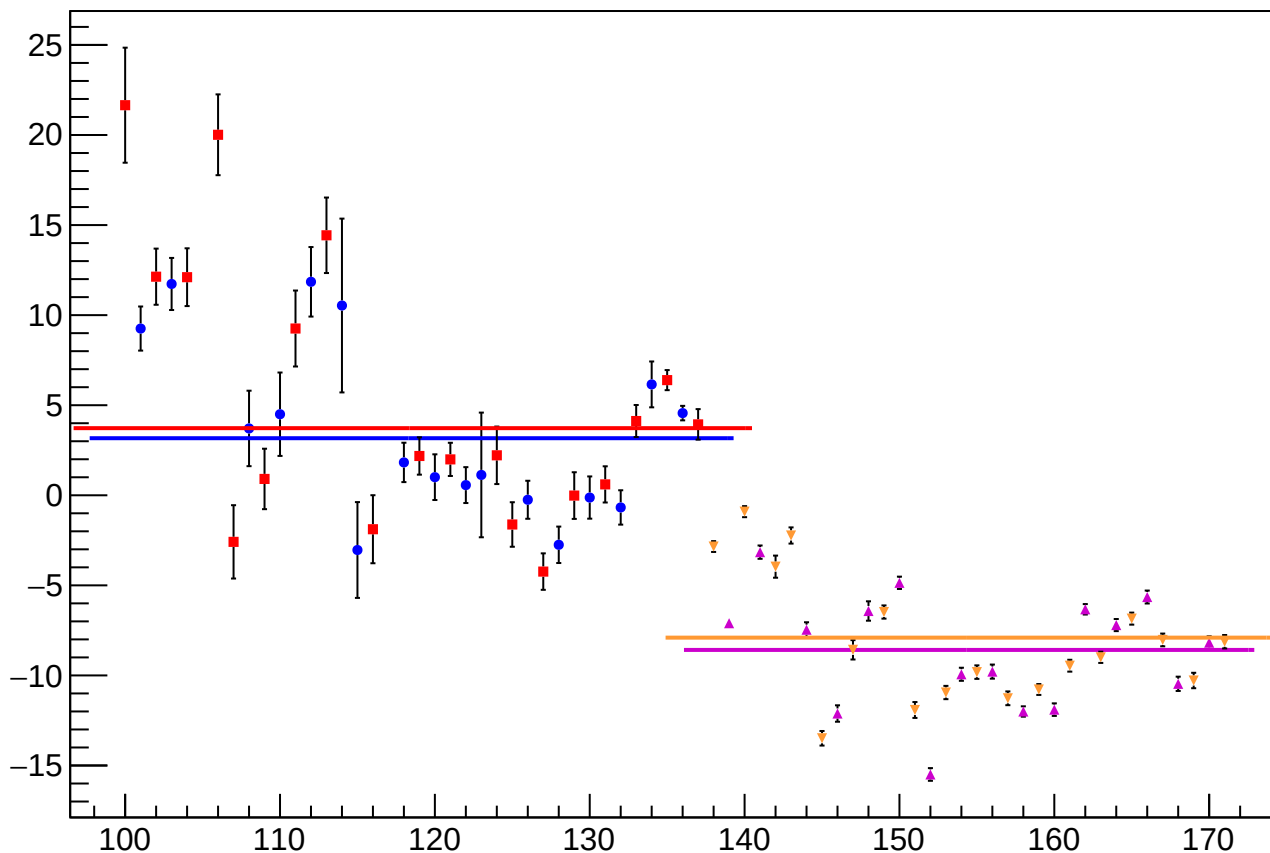
Left In: -53.312 ± 0.069 χ^2/NDF : 1921.9/15

+ sign -54.112 ± 0.059 χ^2/NDF : 5372.7/34

All: -54.128 ± 0.043 χ^2/NDF : 12769.7/69

- sign -54.146 ± 0.062 χ^2/NDF : 7396.9/34

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.902 ± 0.087 χ^2/NDF : 1632.1/17

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

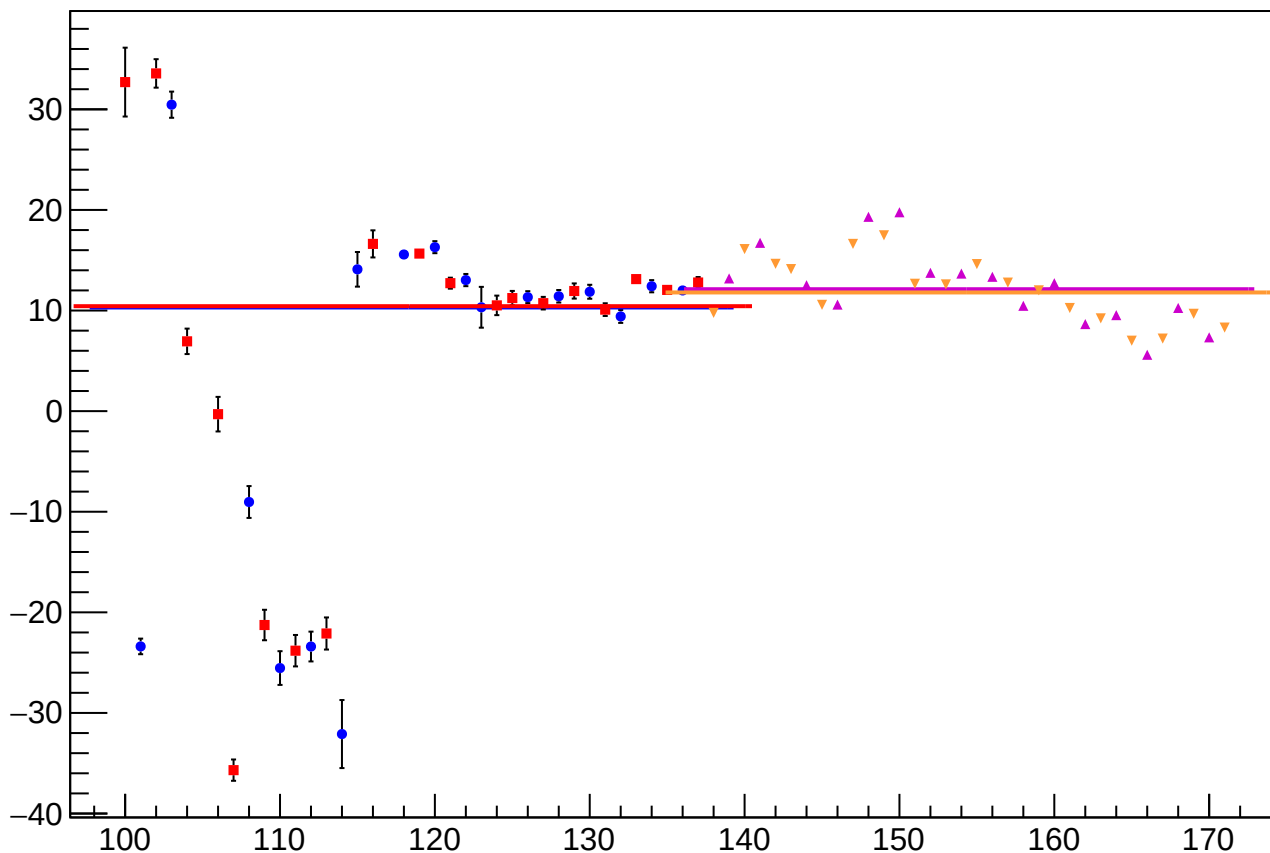
Left In: -8.584 ± 0.088 χ^2/NDF : 1256.5/15

+ sign -6.775 ± 0.082 χ^2/NDF : 3475.5/34

All: -7.074 ± 0.059 χ^2/NDF : 6998.8/69

- sign -7.381 ± 0.083 χ^2/NDF : 3496.6/34

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 11.798+/-0.074 χ^2/NDF : 1689.3/17

Right Out: 10.433+/-0.160 χ^2/NDF : 3828.5/18

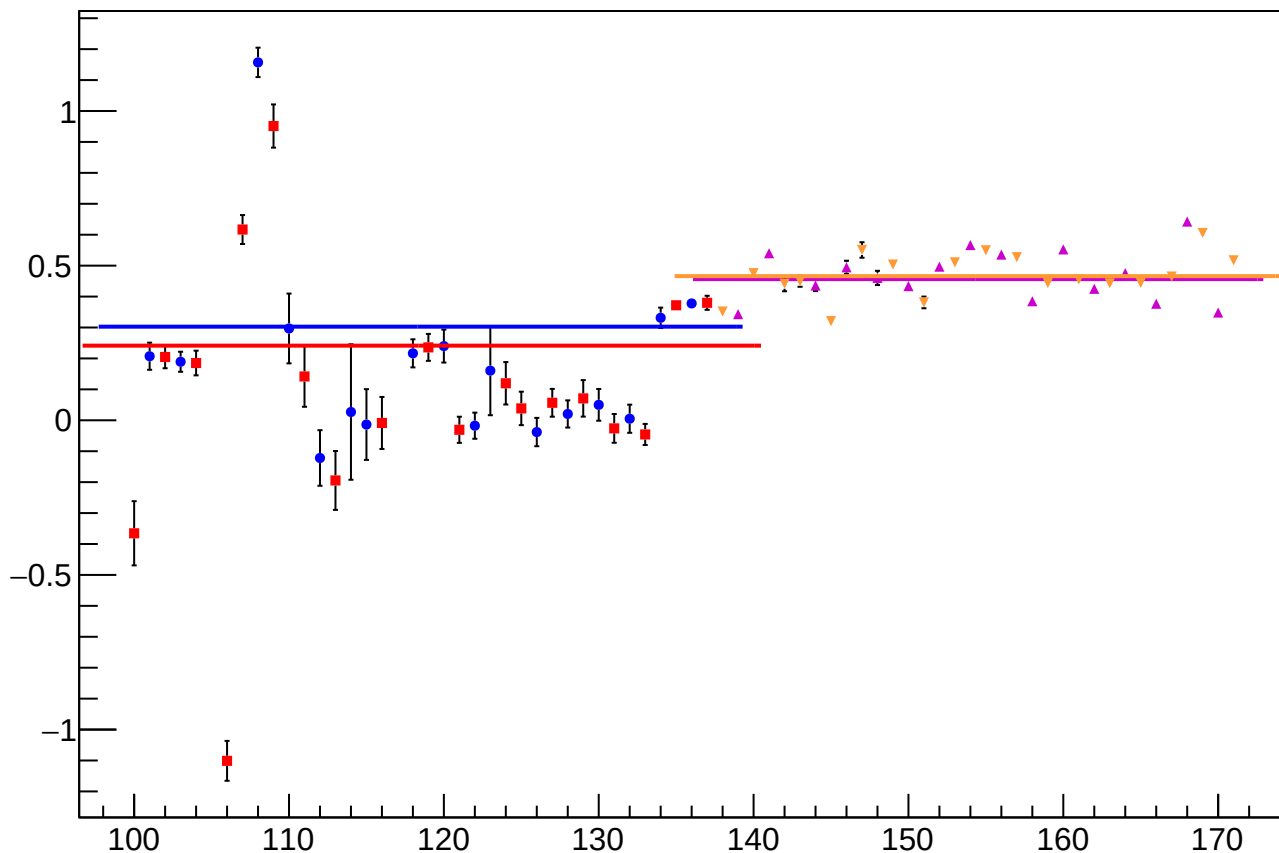
Left In: 12.119+/-0.077 χ^2/NDF : 2342.1/15

+ sign 11.523+/-0.067 χ^2/NDF : 5475.5/34

All: 11.656+/-0.048 χ^2/NDF : 11744.3/69

- sign 11.799+/-0.070 χ^2/NDF : 6260.7/34

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.466 ± 0.003 χ^2/NDF : 401.6/17

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

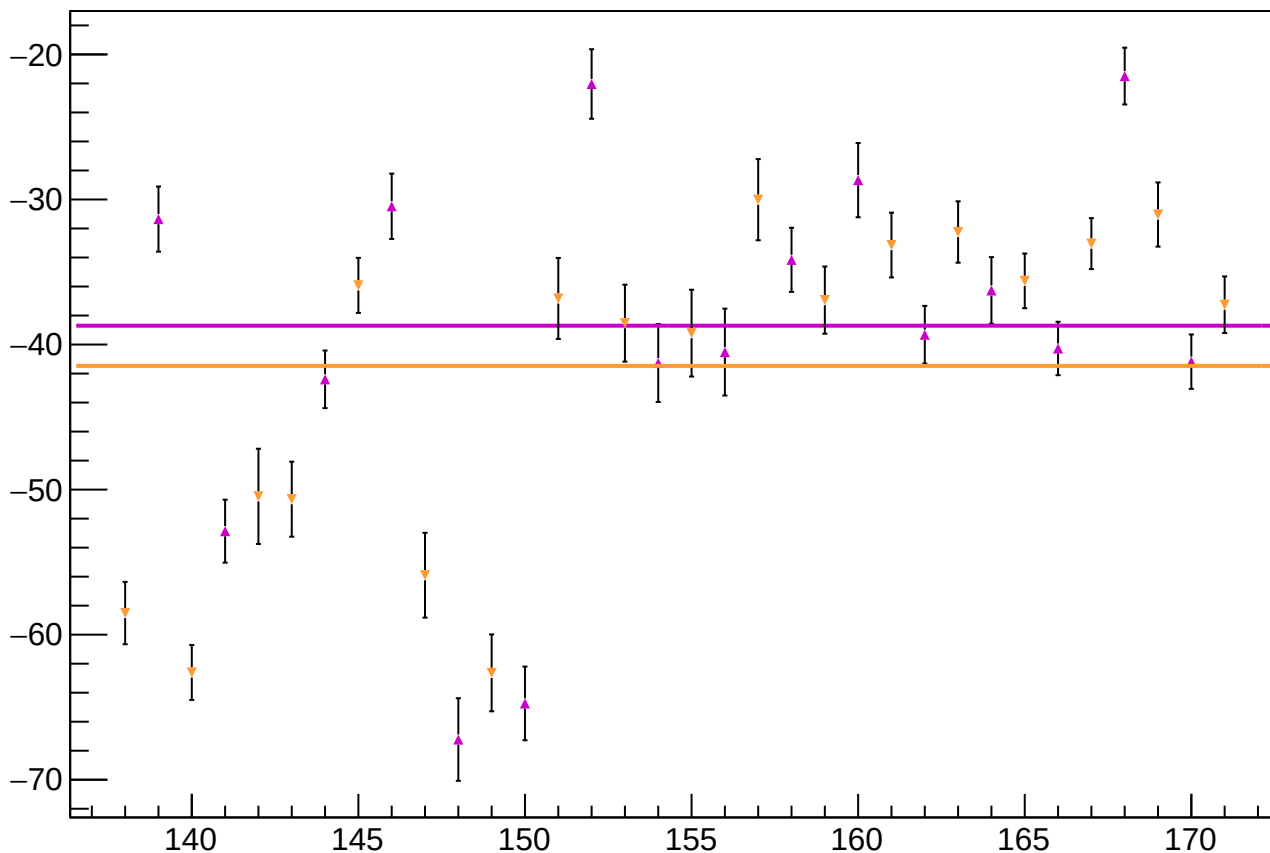
Left In: 0.456 ± 0.003 χ^2/NDF : 668.6/15

+ sign 0.443 ± 0.003 χ^2/NDF : 1389.1/34

All: 0.435 ± 0.002 χ^2/NDF : 3611.4/69

- sign 0.427 ± 0.003 χ^2/NDF : 2209.7/34

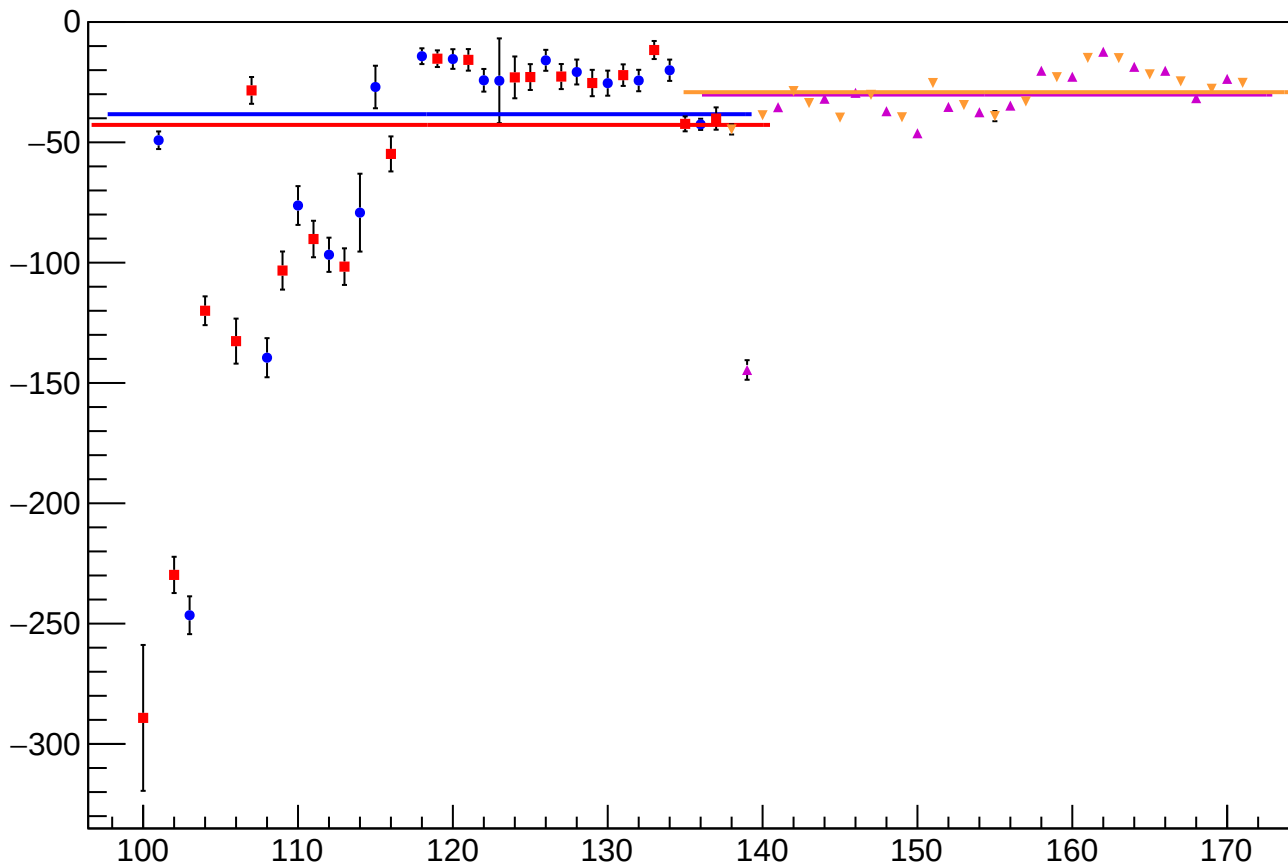
reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.473+/-0.537 χ^2/NDF : 421.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.700+/-0.559 χ^2/NDF : 425.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -40.142+/-0.387 χ^2/NDF : 860.5/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -29.158 ± 0.392 $\chi^2/\text{NDF}: 438.7/17$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

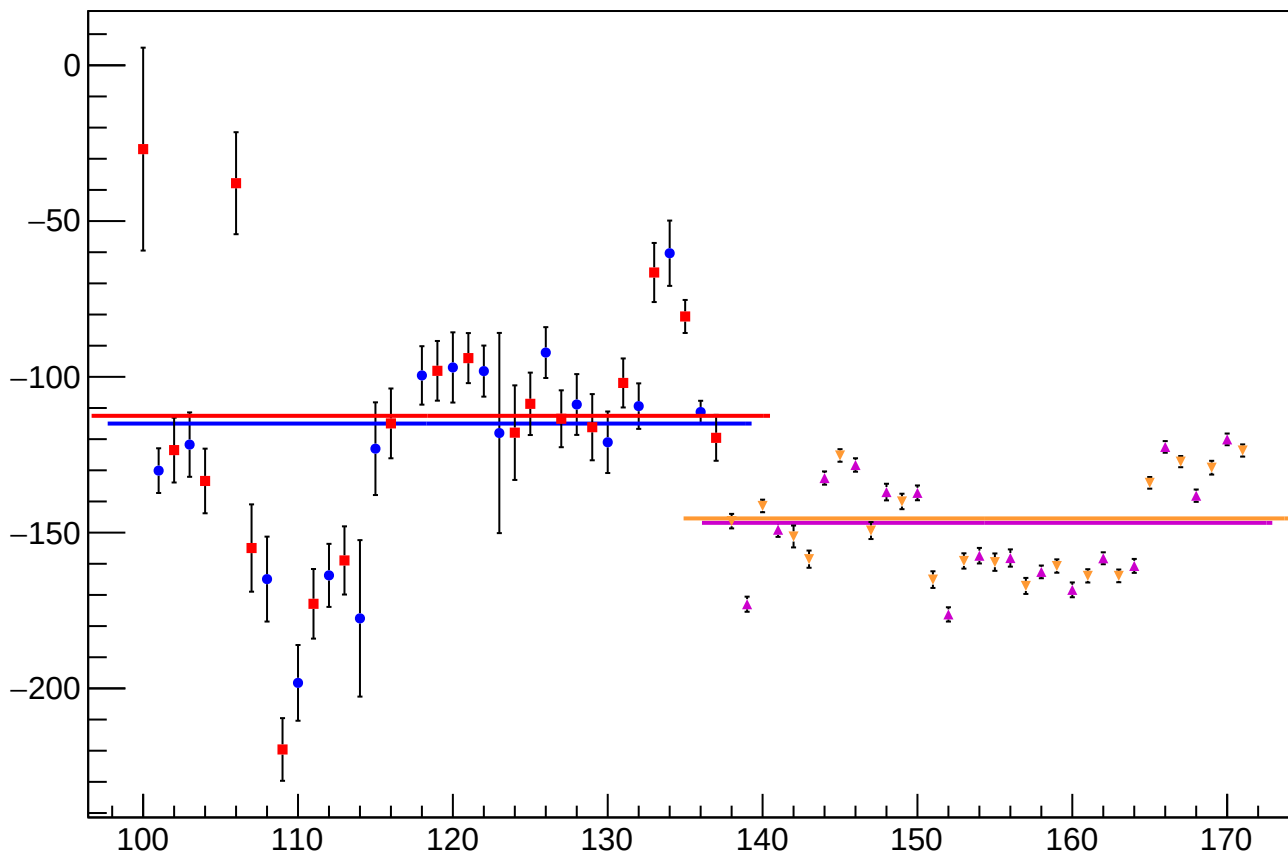
Left In: -30.155 ± 0.412 $\chi^2/\text{NDF}: 1227.2/15$

+ sign -30.129 ± 0.370 $\chi^2/\text{NDF}: 1629.2/34$

All: -30.761 ± 0.269 $\chi^2/\text{NDF}: 4301.3/69$

- sign -31.462 ± 0.390 $\chi^2/\text{NDF}: 2665.9/34$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -145.441 ± 0.534 χ^2/NDF : 842.2/17

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

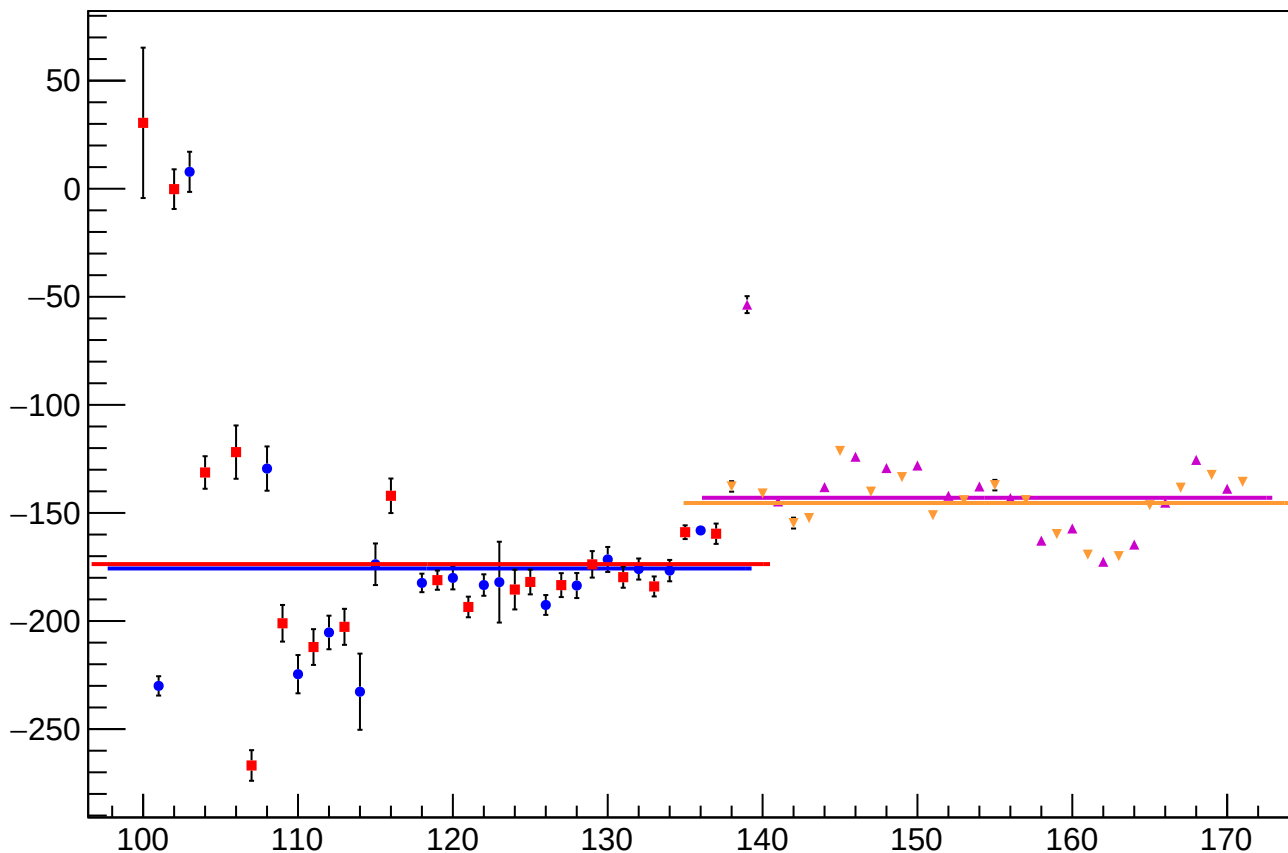
Left In: -146.857 ± 0.550 χ^2/NDF : 1072.0/15

+ sign -143.544 ± 0.517 χ^2/NDF : 1186.3/34

All: -144.175 ± 0.371 χ^2/NDF : 2762.6/69

- sign -144.847 ± 0.534 χ^2/NDF : 1573.2/34

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -145.410 ± 0.449 χ^2/NDF : 886.7/17

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

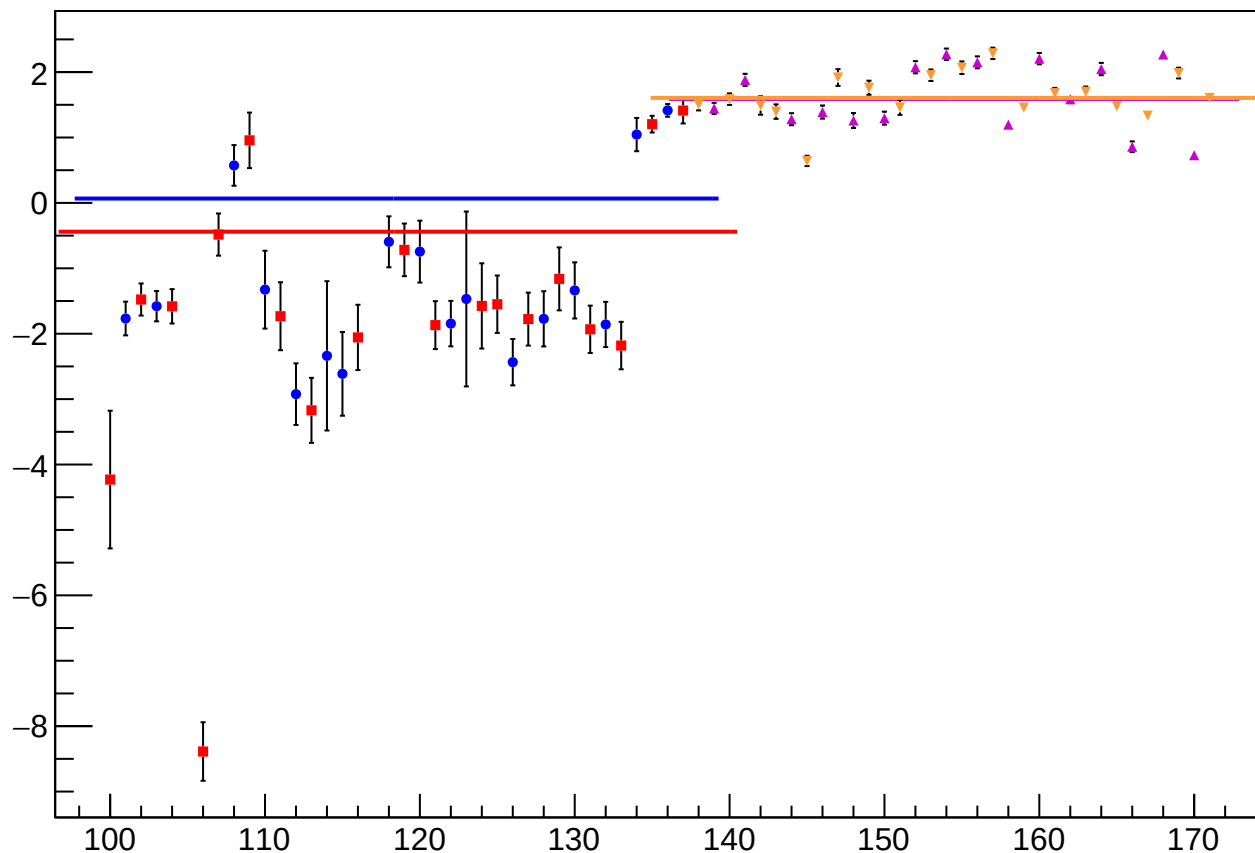
Left In: -142.988 ± 0.472 χ^2/NDF : 1497.9/15

+ sign -148.790 ± 0.423 χ^2/NDF : 2086.8/34

All: -147.607 ± 0.307 χ^2/NDF : 4795.6/69

- sign -146.298 ± 0.445 χ^2/NDF : 2692.3/34

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 $\chi^2/\text{NDF}: 526.1/16$

Left Out: 1.605 ± 0.021 $\chi^2/\text{NDF}: 307.2/17$

Right Out: -0.440 ± 0.071 $\chi^2/\text{NDF}: 754.9/18$

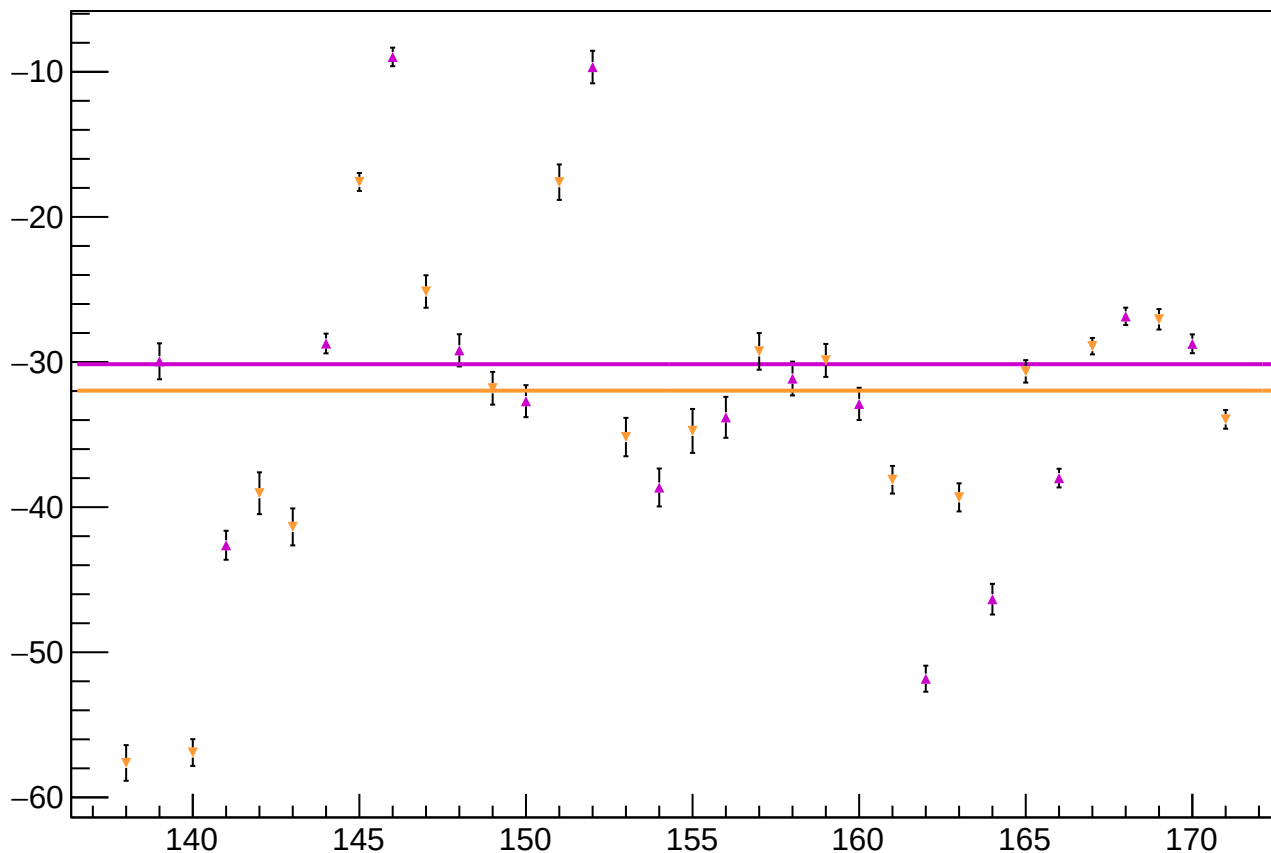
Left In: 1.590 ± 0.022 $\chi^2/\text{NDF}: 591.2/15$

+ sign 1.471 ± 0.020 $\chi^2/\text{NDF}: 1314.9/34$

All: 1.446 ± 0.014 $\chi^2/\text{NDF}: 3410.8/69$

- sign 1.419 ± 0.021 $\chi^2/\text{NDF}: 2092.7/34$

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -31.970+/-0.215 χ^2/NDF : 2170.1/17

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

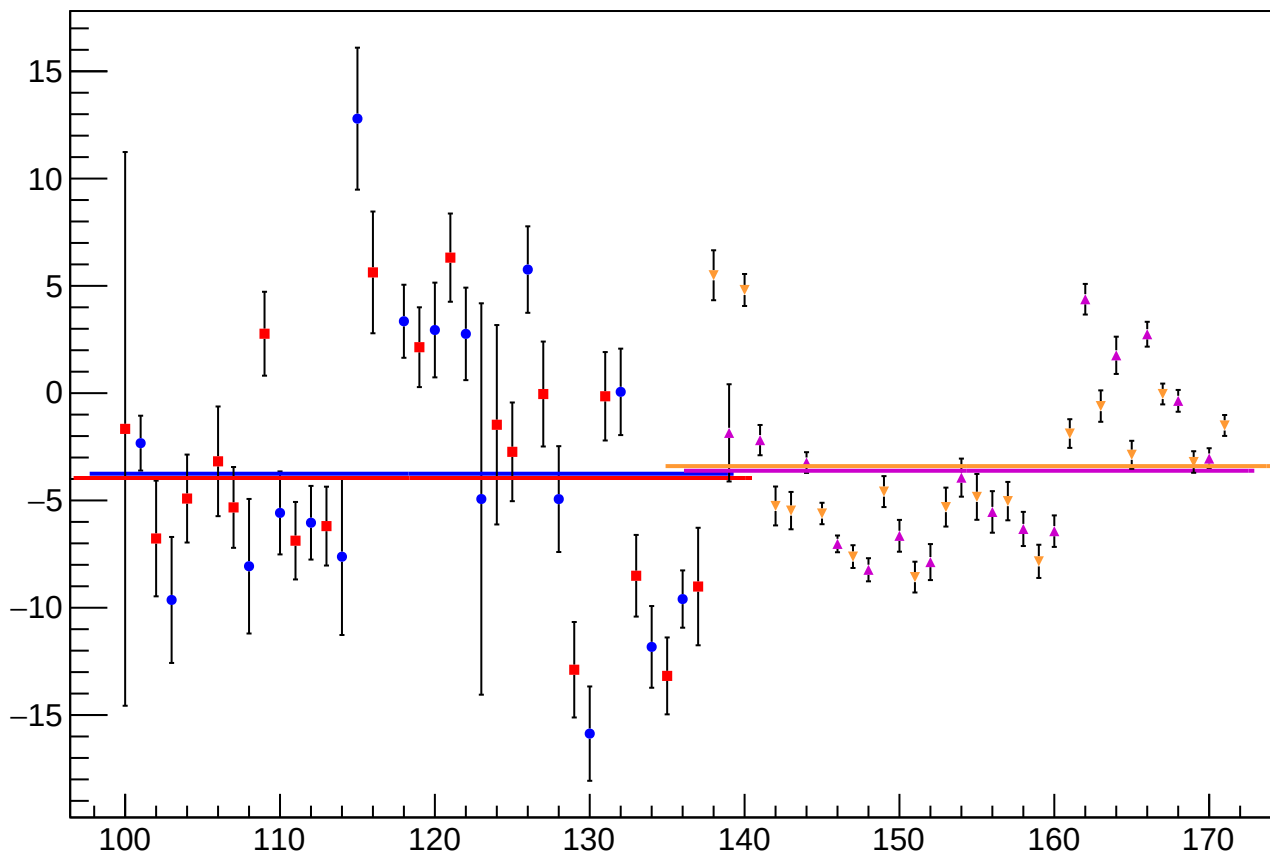
Left In: -30.149+/-0.218 χ^2/NDF : 2657.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.071+/-0.153 χ^2/NDF : 4862.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -3.400 ± 0.157 $\chi^2/\text{NDF}: 453.1/17$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

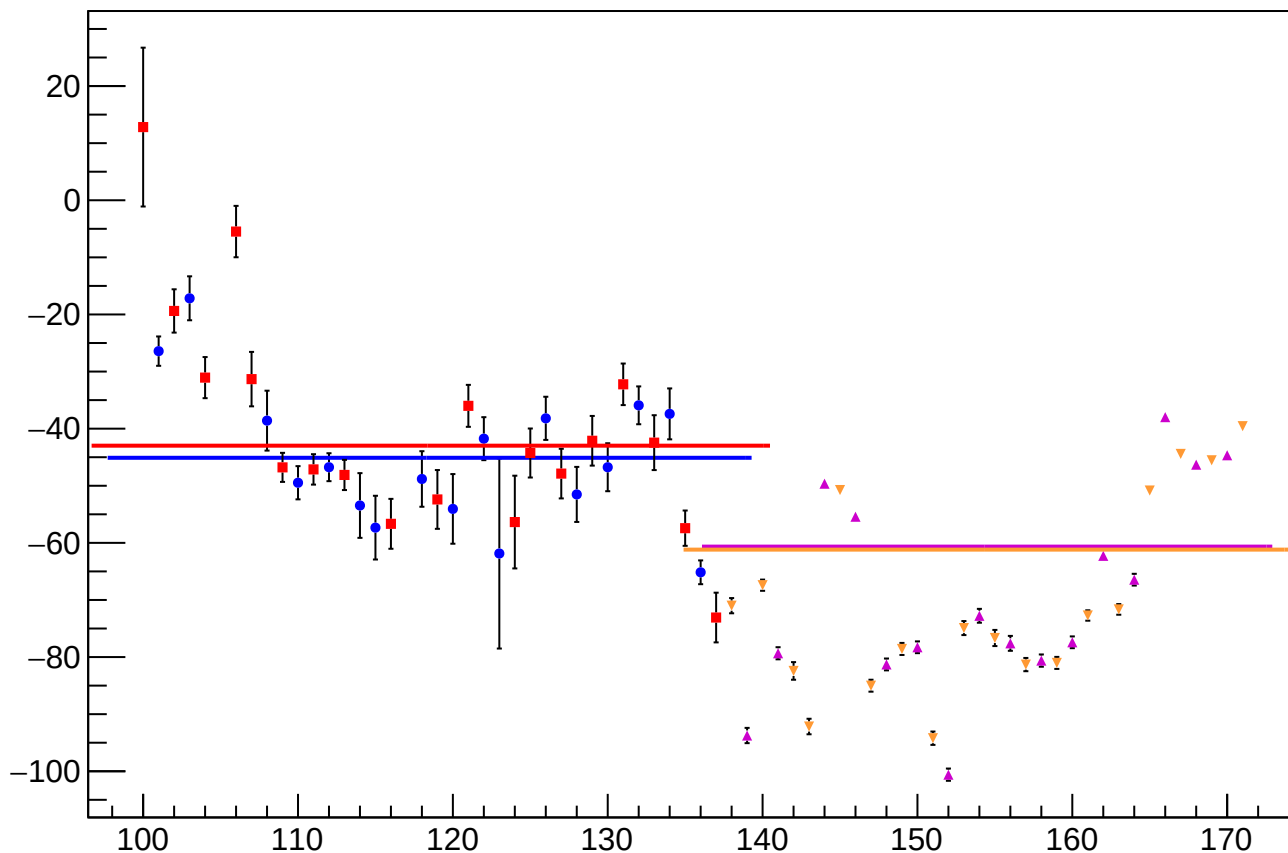
Left In: -3.616 ± 0.158 $\chi^2/\text{NDF}: 554.7/15$

+ sign -3.432 ± 0.150 $\chi^2/\text{NDF}: 618.8/34$

All: -3.539 ± 0.106 $\chi^2/\text{NDF}: 1298.3/69$

- sign -3.646 ± 0.151 $\chi^2/\text{NDF}: 678.4/34$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 +/- 0.881 χ^2/NDF : 229.9/16

Left Out: -61.184 +/- 0.215 χ^2/NDF : 6456.5/17

Right Out: -42.979 +/- 0.877 χ^2/NDF : 248.9/18

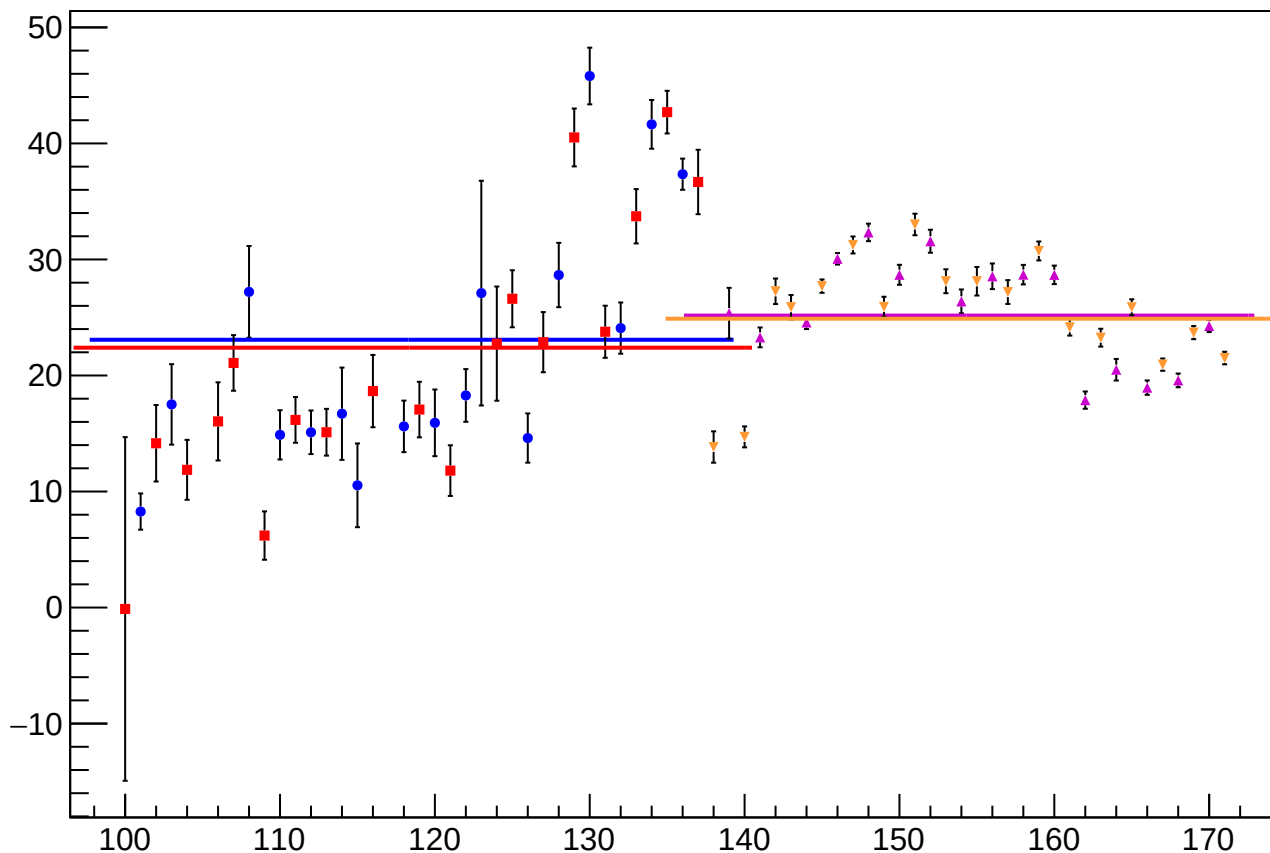
Left In: -60.656 +/- 0.216 χ^2/NDF : 6570.3/15

+ sign -60.280 +/- 0.209 χ^2/NDF : 7001.0/34

All: -59.966 +/- 0.148 χ^2/NDF : 14207.6/69

- sign -59.649 +/- 0.209 χ^2/NDF : 7202.0/34

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 ± 0.556 χ^2/NDF : 461.1/16

Left Out: 24.894 ± 0.180 χ^2/NDF : 556.4/17

Right Out: 22.397 ± 0.572 χ^2/NDF : 370.3/18

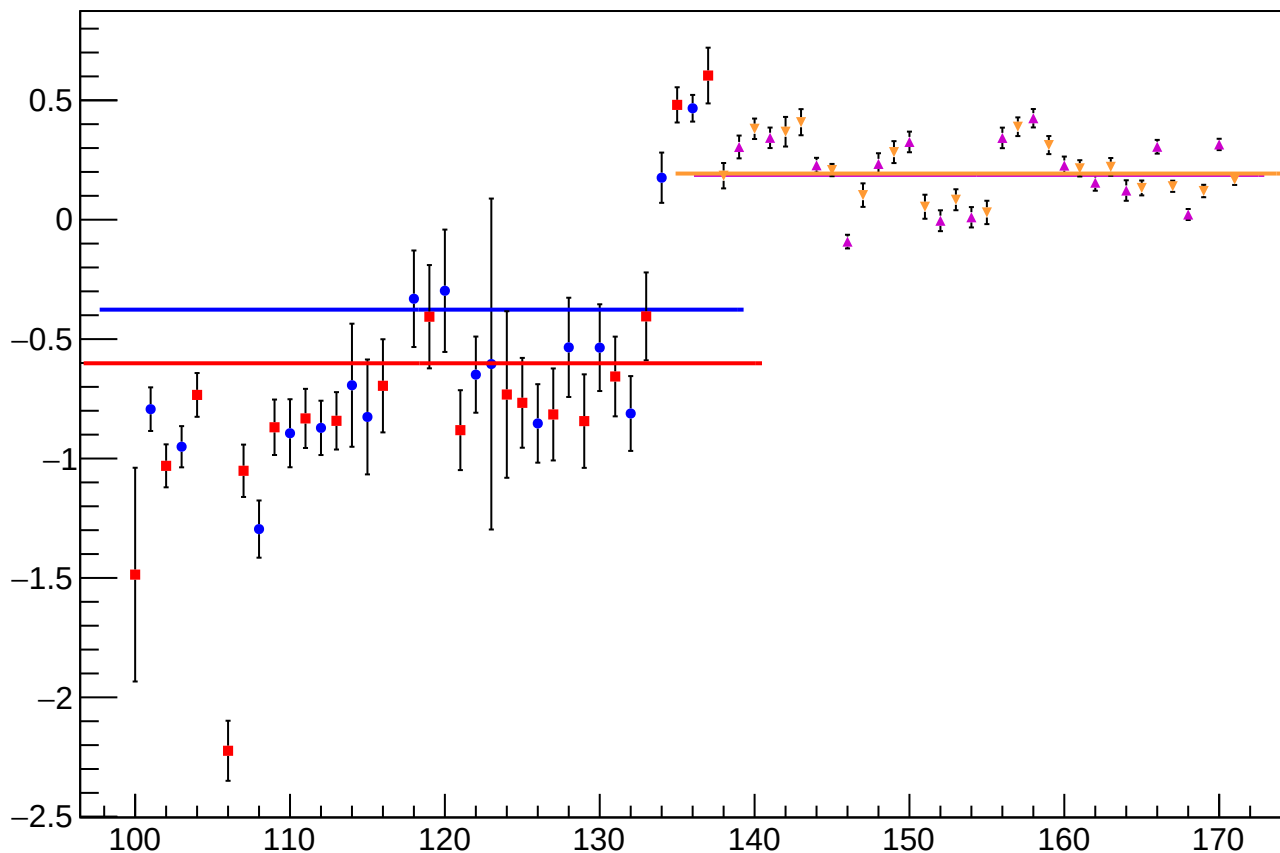
Left In: 25.162 ± 0.184 χ^2/NDF : 613.8/15

+ sign 24.721 ± 0.172 χ^2/NDF : 1027.2/34

All: 24.811 ± 0.122 χ^2/NDF : 2032.9/69

- sign 24.904 ± 0.175 χ^2/NDF : 1005.2/34

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.193 ± 0.008 $\chi^2/\text{NDF}: 129.1/17$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

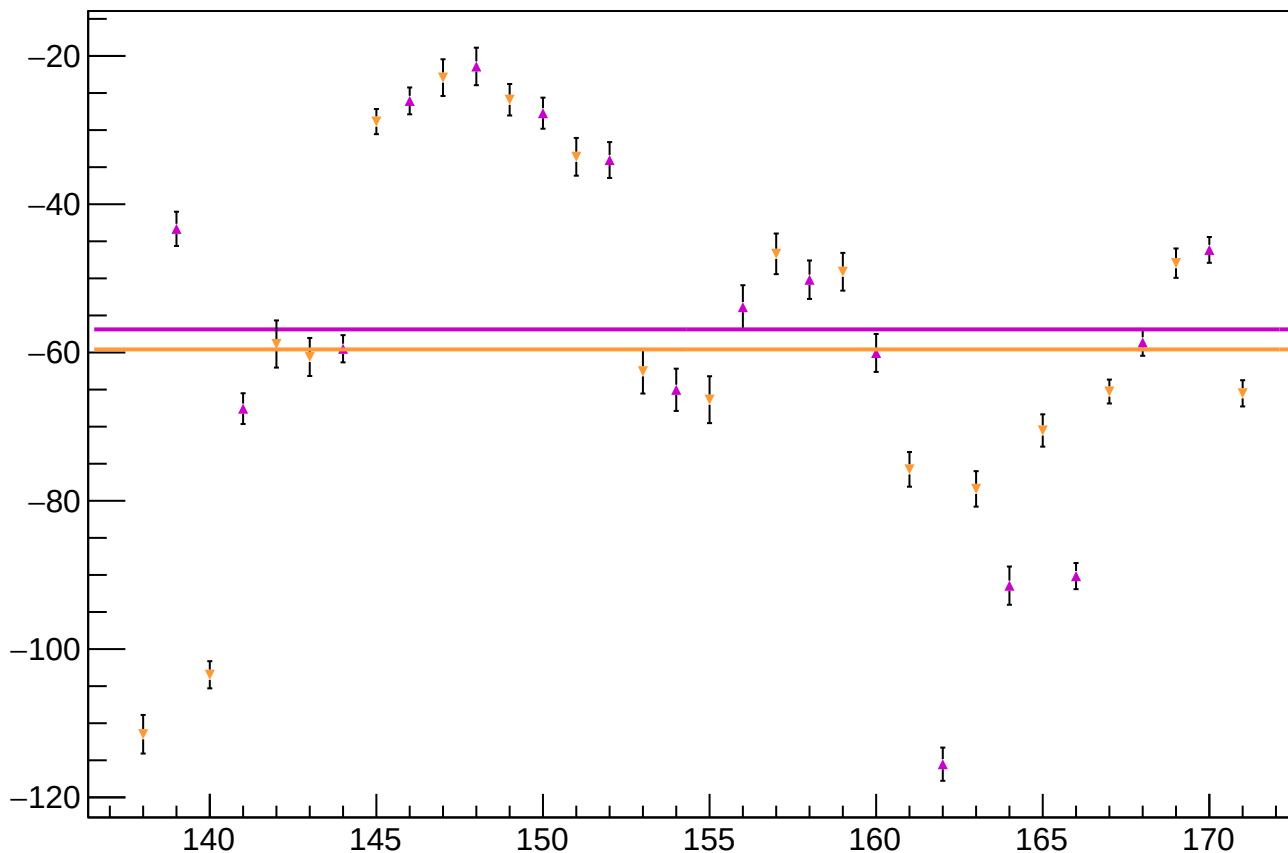
Left In: 0.188 ± 0.009 $\chi^2/\text{NDF}: 316.1/15$

+ sign 0.153 ± 0.008 $\chi^2/\text{NDF}: 899.8/34$

All: 0.141 ± 0.006 $\chi^2/\text{NDF}: 2407.9/69$

- sign 0.128 ± 0.008 $\chi^2/\text{NDF}: 1503.7/34$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -59.583+/-0.526 χ^2/NDF : 2111.2/17

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

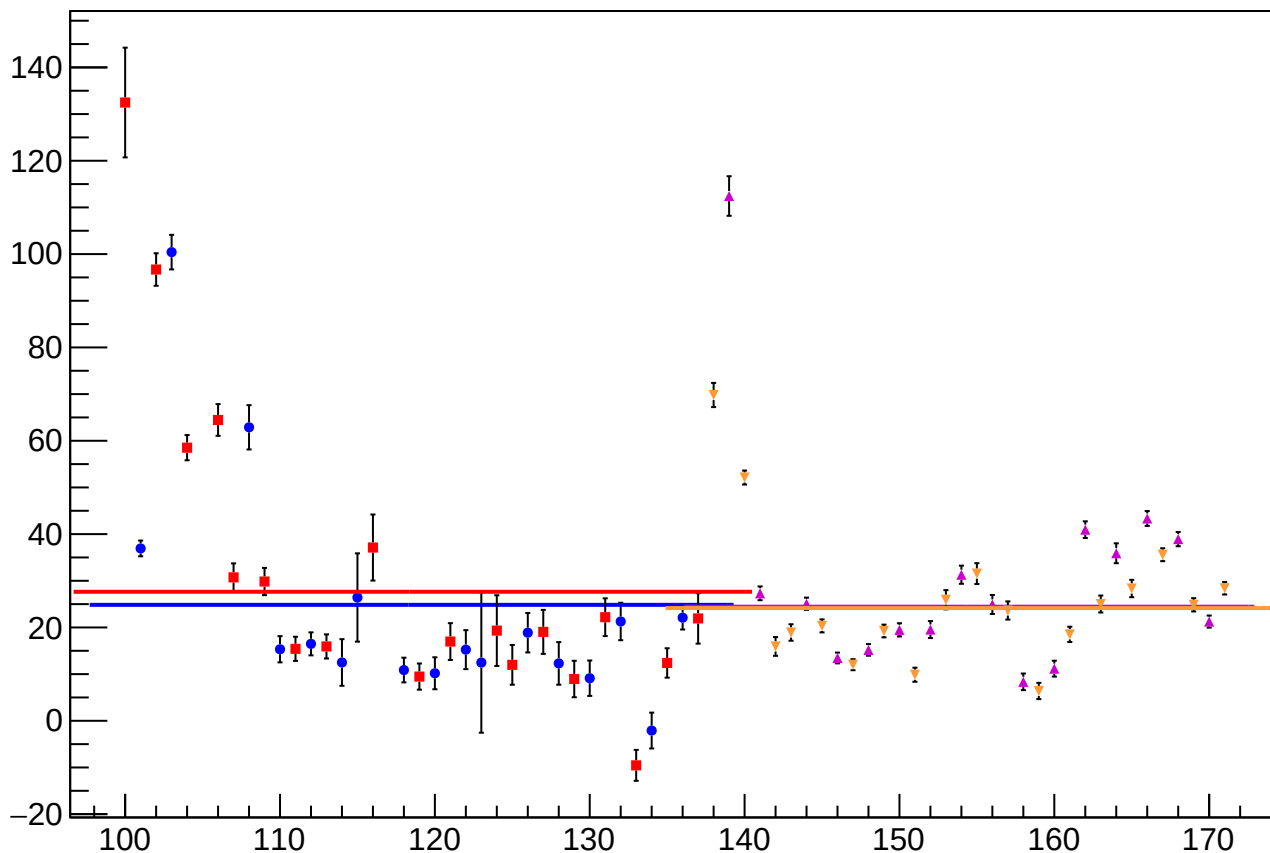
Left In: -56.880+/-0.540 χ^2/NDF : 2110.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.267+/-0.377 χ^2/NDF : 4234.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 24.150 $\pm$ 0.380 χ^2 /NDF: 1108.9/17

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

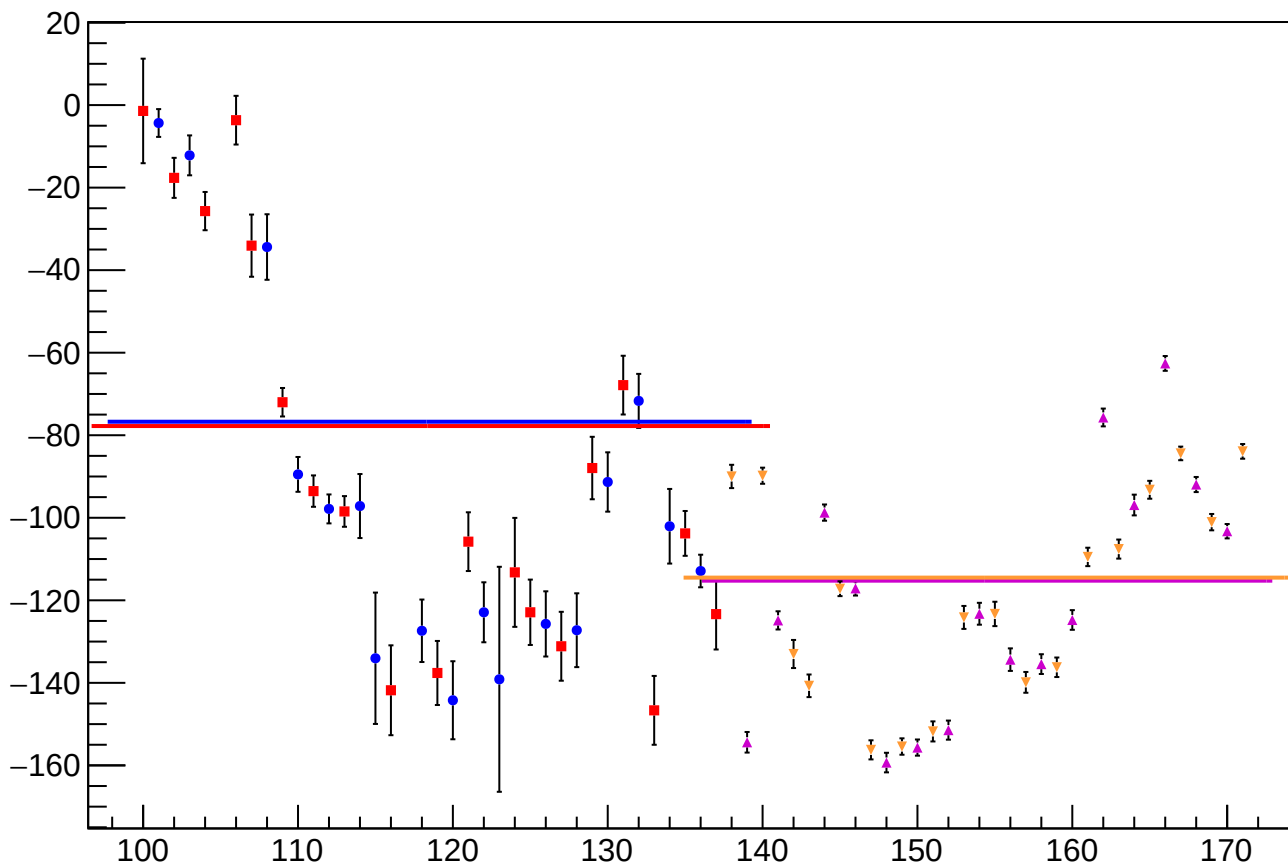
Left In: 24.449 $\pm$ 0.395 χ^2 /NDF: 1105.6/15

+ sign 24.278 $\pm$ 0.343 χ^2 /NDF: 1800.3/34

All: 24.658 $\pm$ 0.247 χ^2 /NDF: 3930.2/69

- sign 25.063 $\pm$ 0.355 χ^2 /NDF: 2127.4/34

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -114.502 ± 0.524 $\chi^2/\text{NDF}: 2335.3/17$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

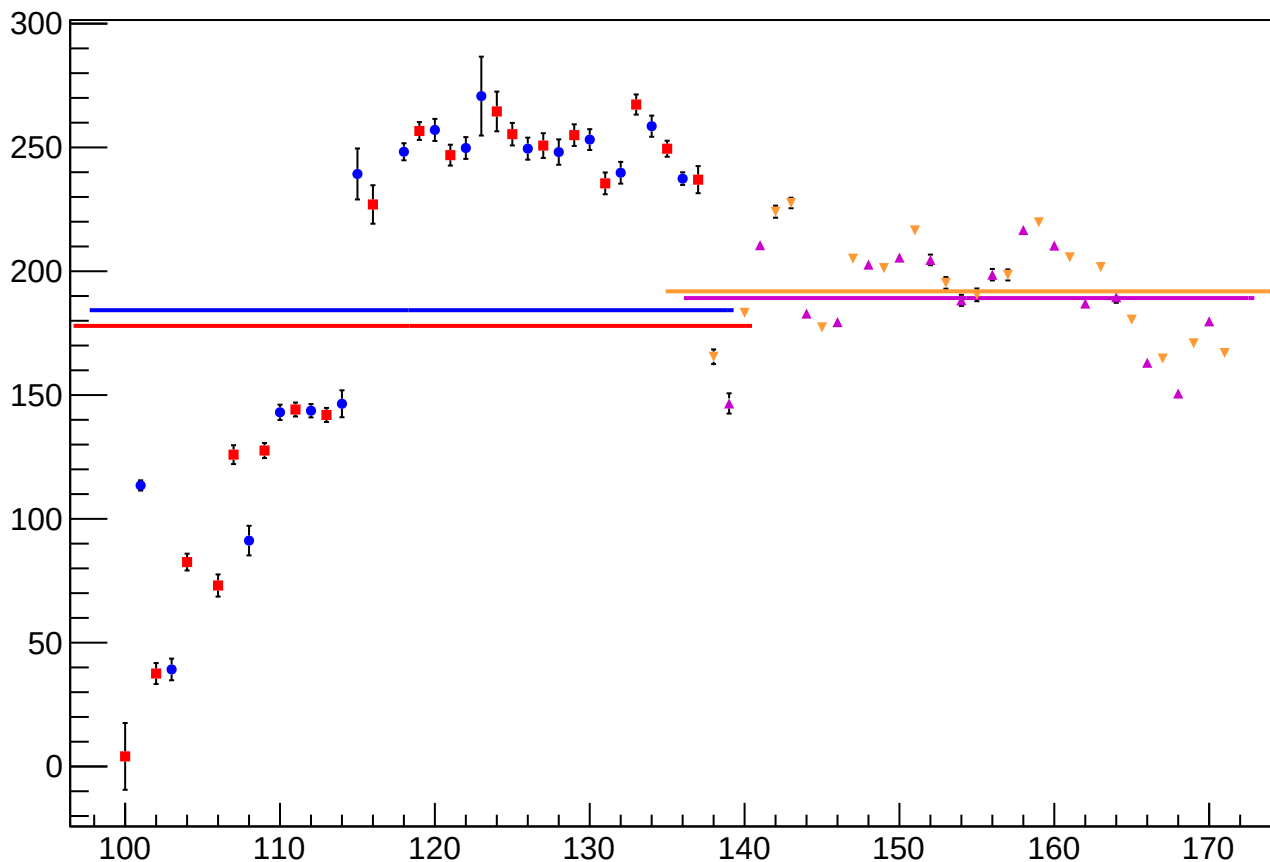
Left In: -115.239 ± 0.533 $\chi^2/\text{NDF}: 2957.3/15$

+ sign -109.937 ± 0.491 $\chi^2/\text{NDF}: 4006.3/34$

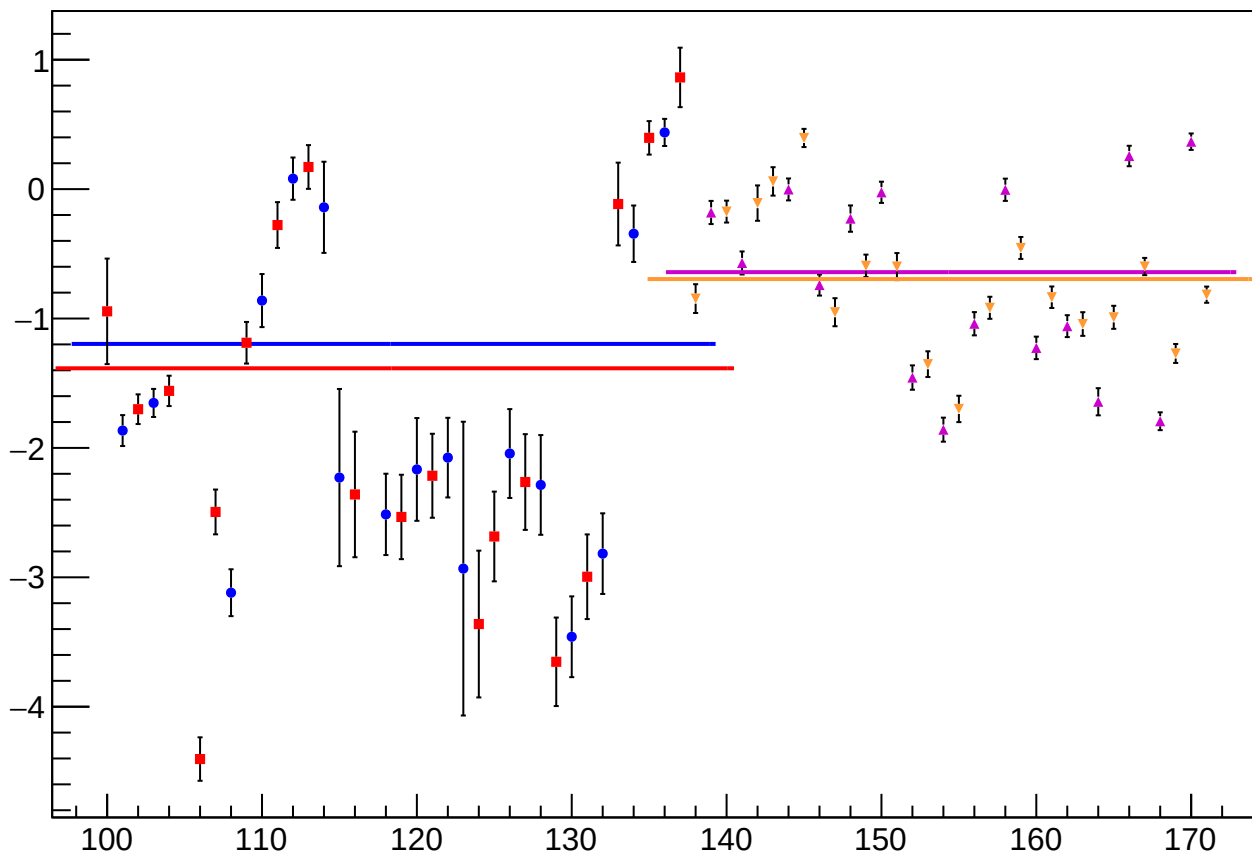
All: -110.067 ± 0.349 $\chi^2/\text{NDF}: 8499.9/69$

- sign -110.199 ± 0.496 $\chi^2/\text{NDF}: 4493.5/34$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.695 ± 0.020 χ^2/NDF : 605.0/17

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

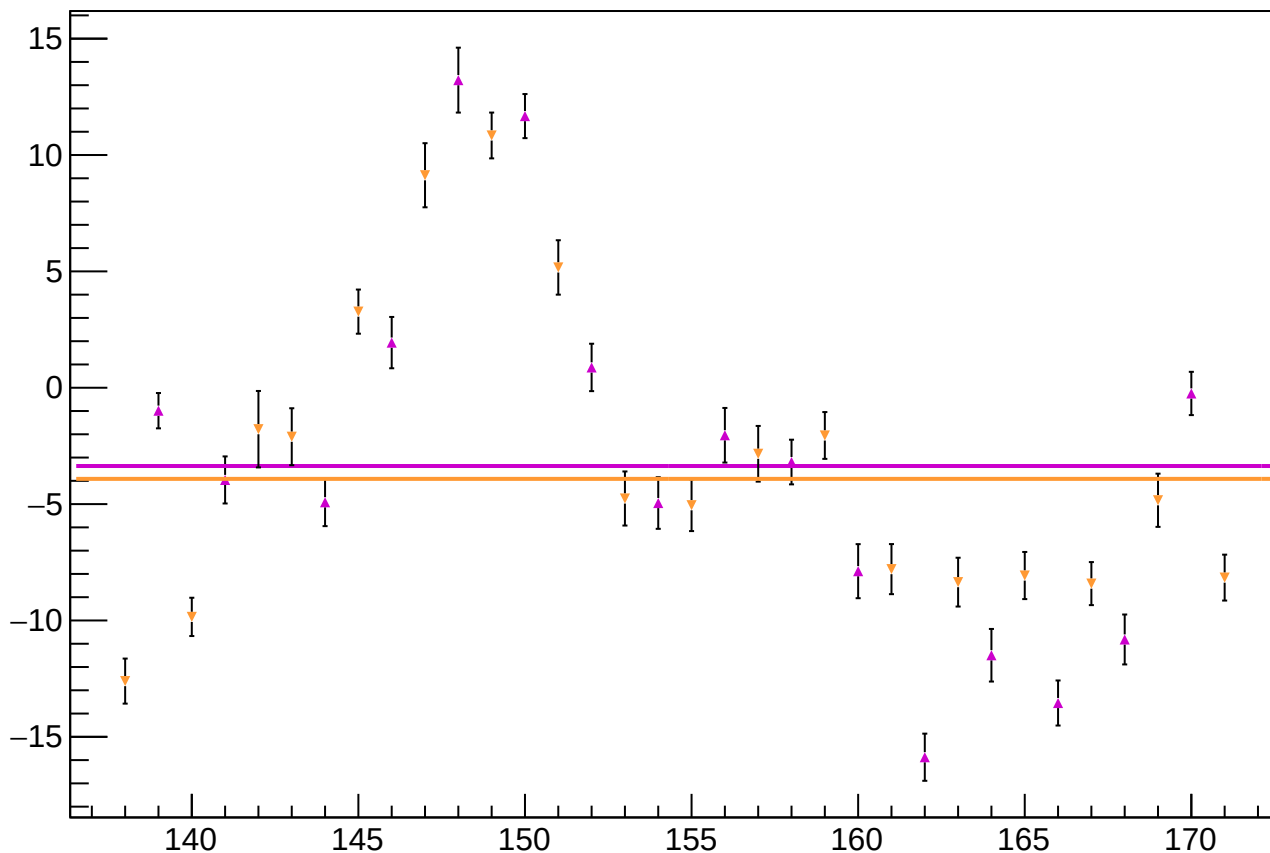
Left In: -0.642 ± 0.021 χ^2/NDF : 1300.7/15

+ sign -0.772 ± 0.019 χ^2/NDF : 1320.1/34

All: -0.772 ± 0.013 χ^2/NDF : 3762.7/69

- sign -0.771 ± 0.019 χ^2/NDF : 2442.6/34

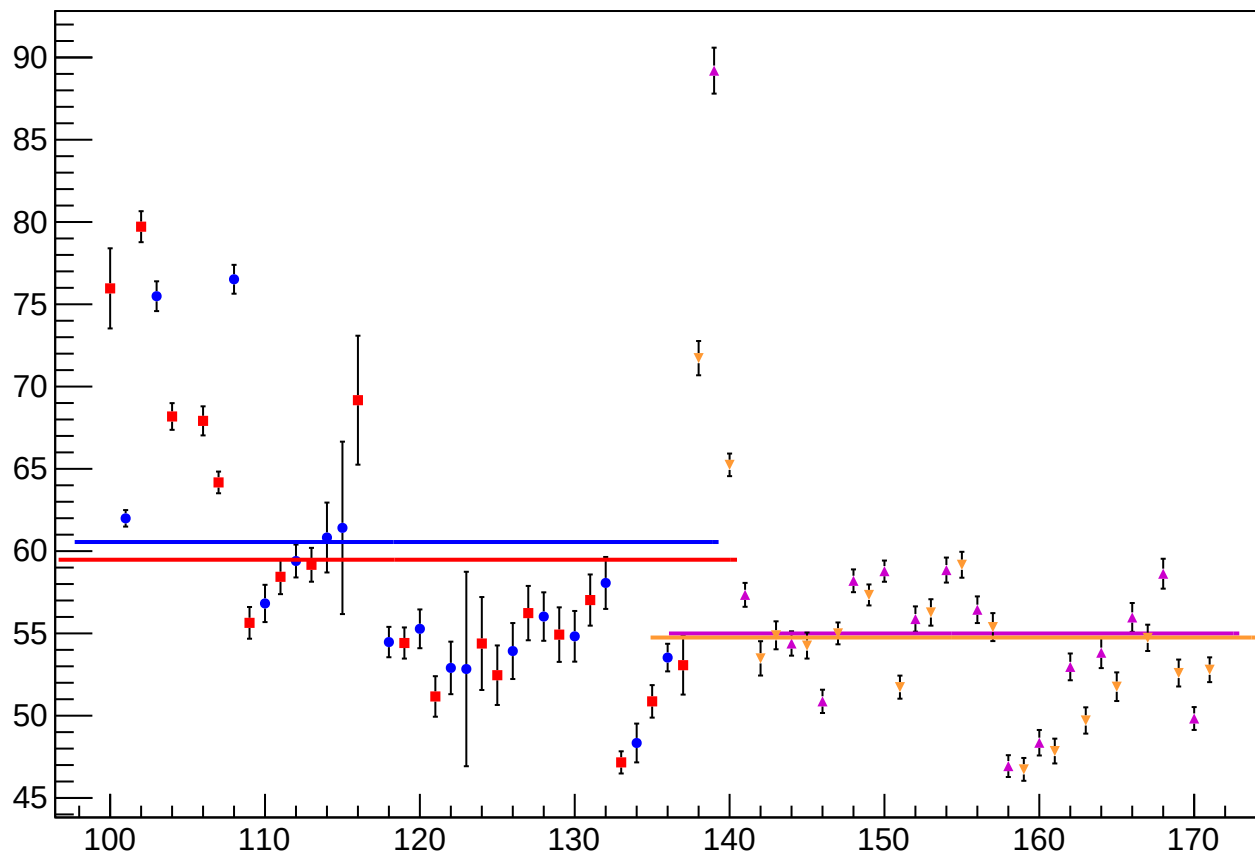
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.916+/-0.251 χ^2/NDF : 665.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.363+/-0.256 χ^2/NDF : 839.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.645+/-0.179 χ^2/NDF : 1506.6/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 54.749 $\pm$ 0.183 χ^2 /NDF:854.8/17

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

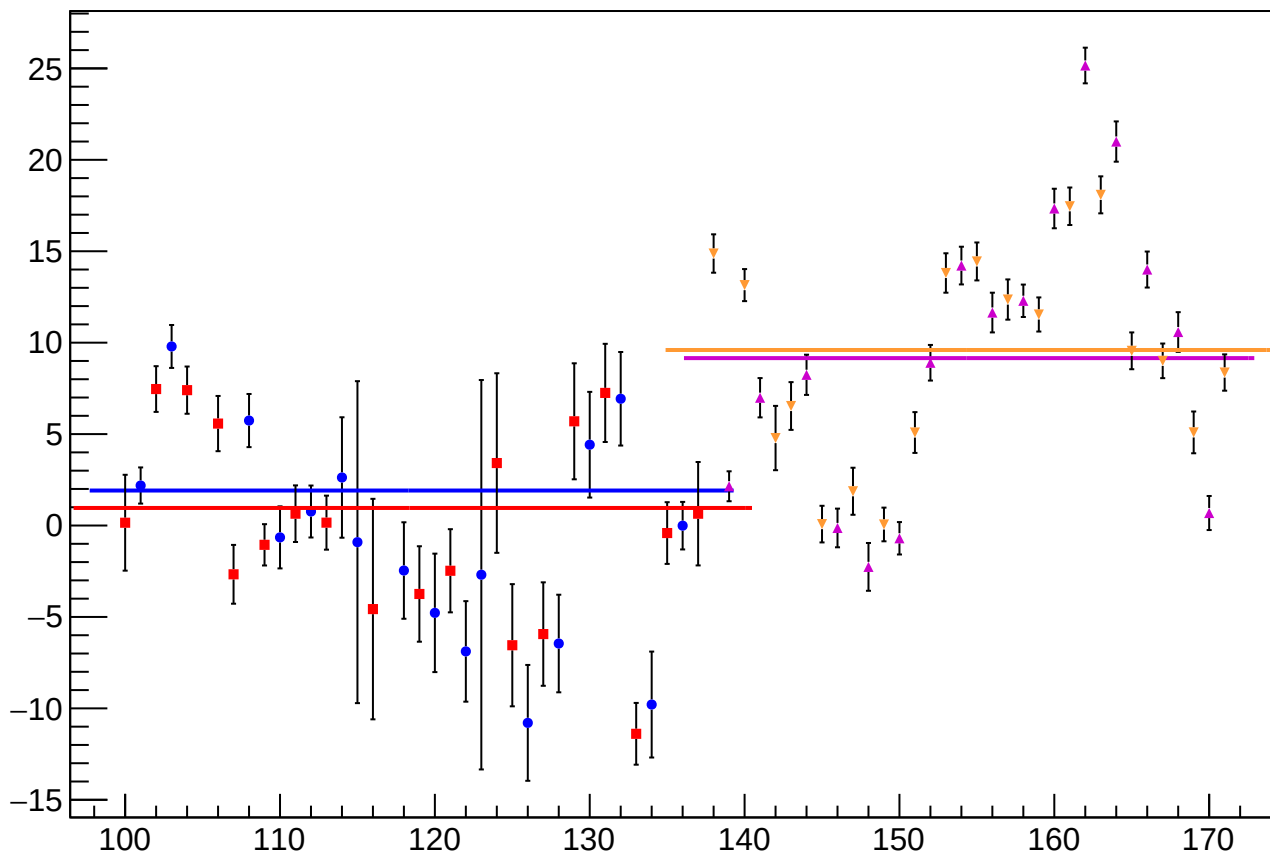
Left In: 54.995 $\pm$ 0.193 χ^2 /NDF:1032.8/15

+ sign 56.659 $\pm$ 0.150 χ^2 /NDF: 2116.0/34

All: 56.673 $\pm$ 0.107 χ^2 /NDF: 4669.4/69

- sign 56.686 $\pm$ 0.152 χ^2 /NDF: 2553.4/34

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 9.599 ± 0.248 χ^2/NDF : 499.1/17

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

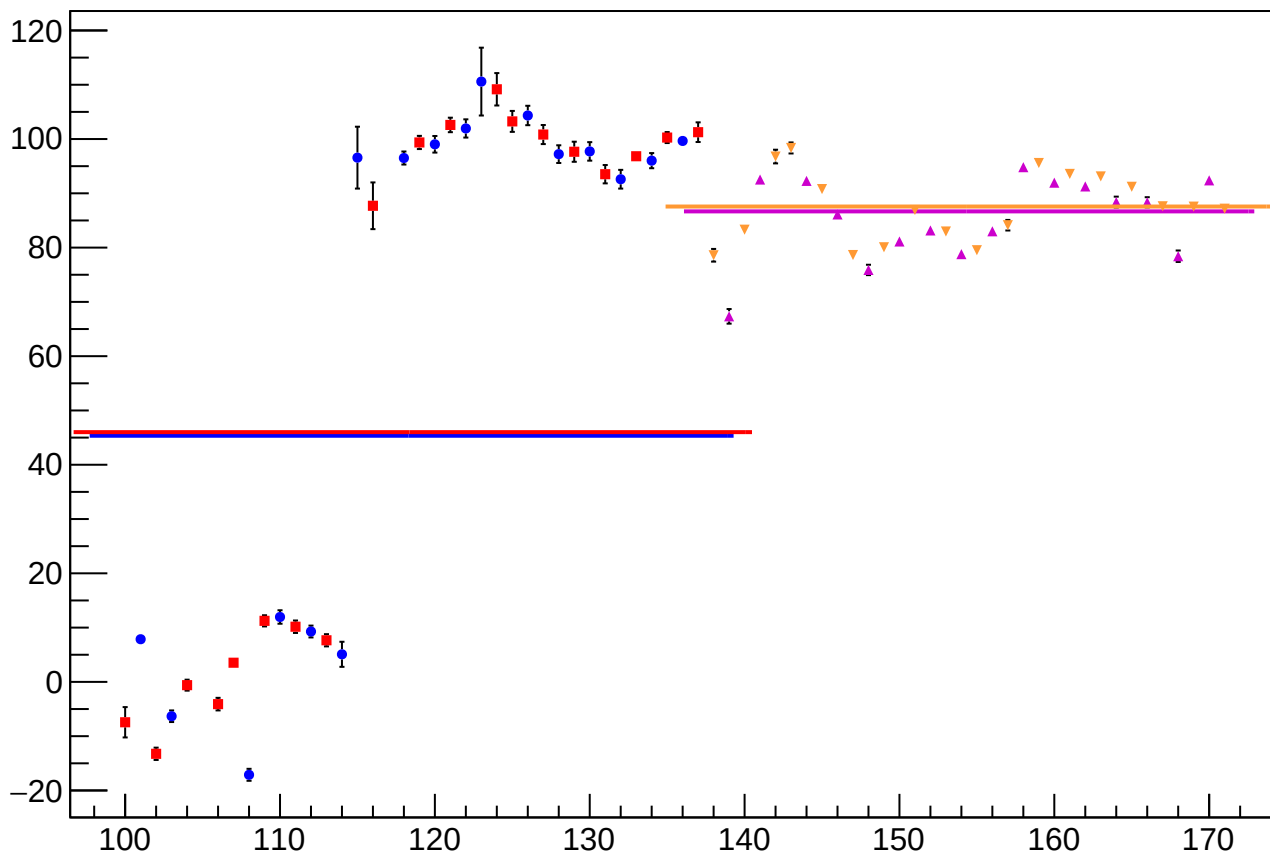
Left In: 9.155 ± 0.251 χ^2/NDF : 947.7/15

+ sign 7.857 ± 0.218 χ^2/NDF : 838.7/34

All: 7.437 ± 0.154 χ^2/NDF : 2219.4/69

- sign 7.024 ± 0.216 χ^2/NDF : 1373.3/34

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 87.567 $\pm$ 0.210 χ^2 /NDF:811.6/17

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

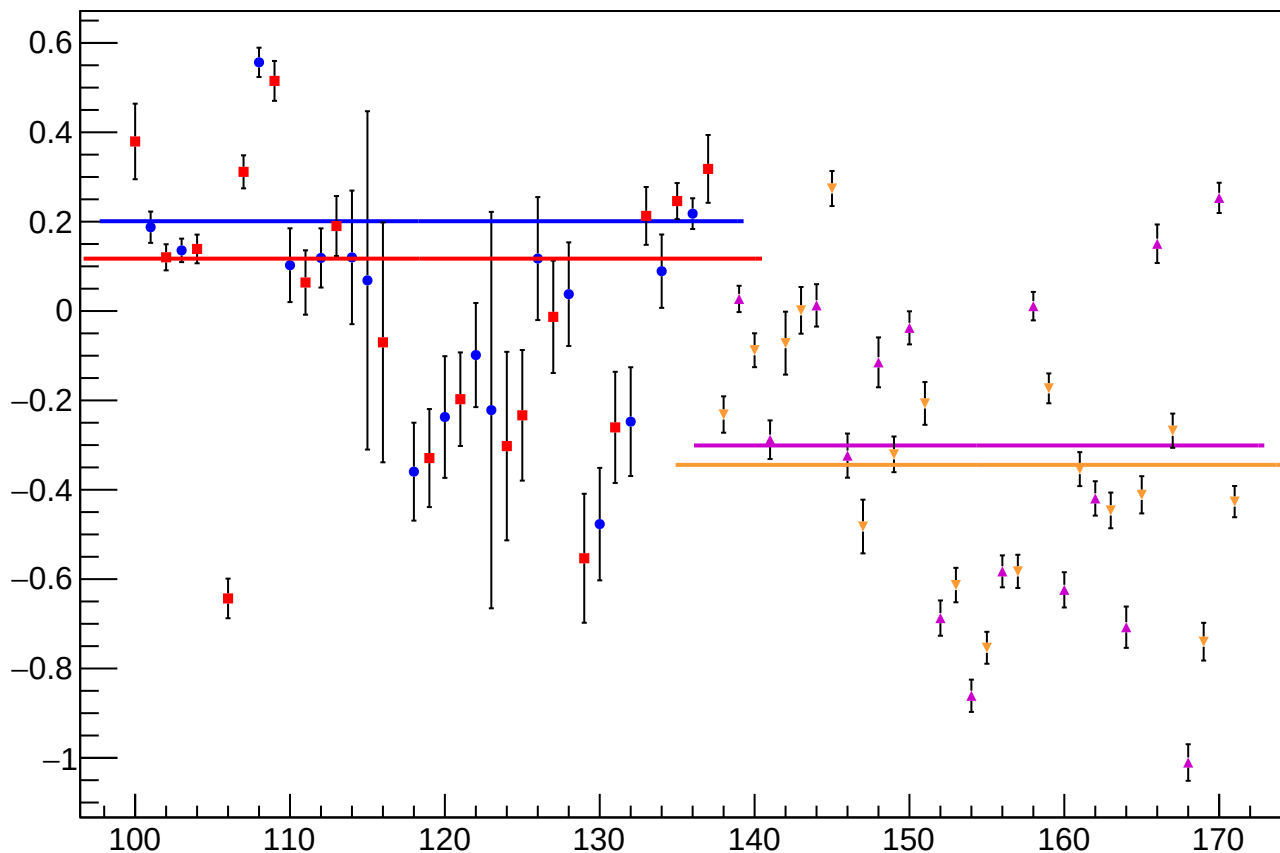
Left In: 86.672 $\pm$ 0.220 χ^2 /NDF:917.5/15

+ sign 73.872 $\pm$ 0.173 χ^2 /NDF: 38982.3/34

All: 72.861 $\pm$ 0.123 χ^2 /NDF: 80718.0/69

- sign 71.823 $\pm$ 0.175 χ^2 /NDF: 41666.2/34

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.344 ± 0.010 χ^2/NDF : 728.2/17

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

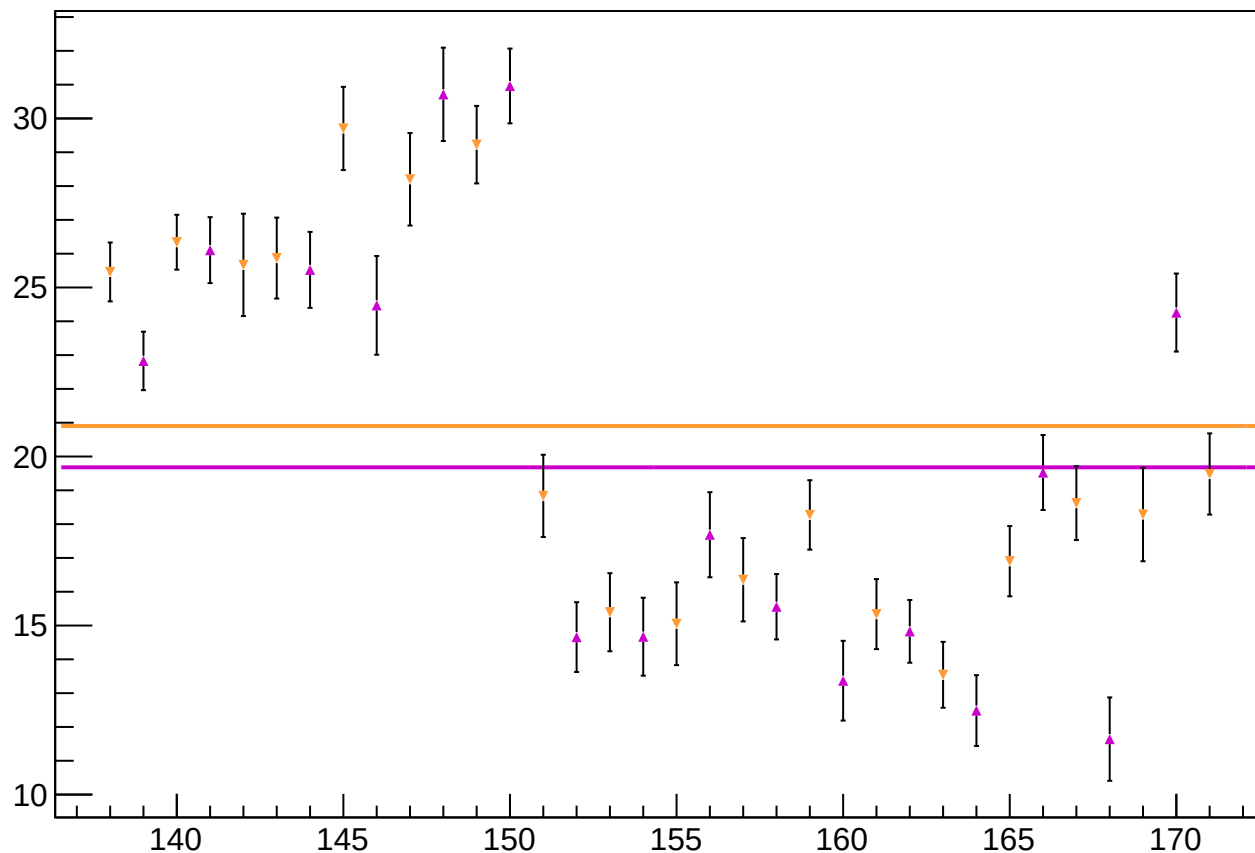
Left In: -0.301 ± 0.010 χ^2/NDF : 1557.1/15

+ sign -0.171 ± 0.008 χ^2/NDF : 1975.5/34

All: -0.161 ± 0.006 χ^2/NDF : 4697.9/69

- sign -0.151 ± 0.008 χ^2/NDF : 2719.1/34

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 20.904+/-0.262 χ^2/NDF : 410.3/17

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

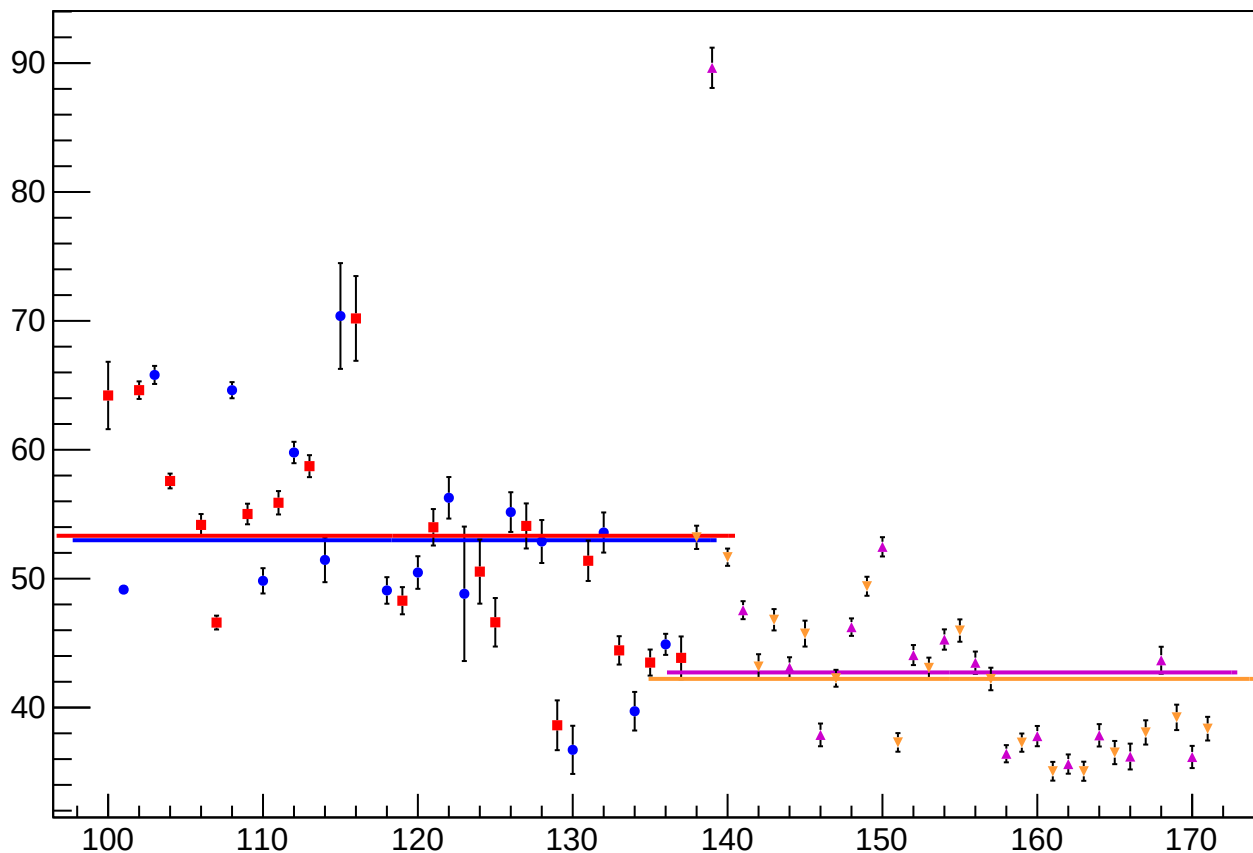
Left In: 19.680+/-0.273 χ^2/NDF : 487.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.318+/-0.189 χ^2/NDF : 907.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 ± 0.210 χ^2/NDF : 1197.8/16

Left Out: 42.224 ± 0.190 χ^2/NDF : 877.7/17

Right Out: 53.328 ± 0.227 χ^2/NDF : 872.7/18

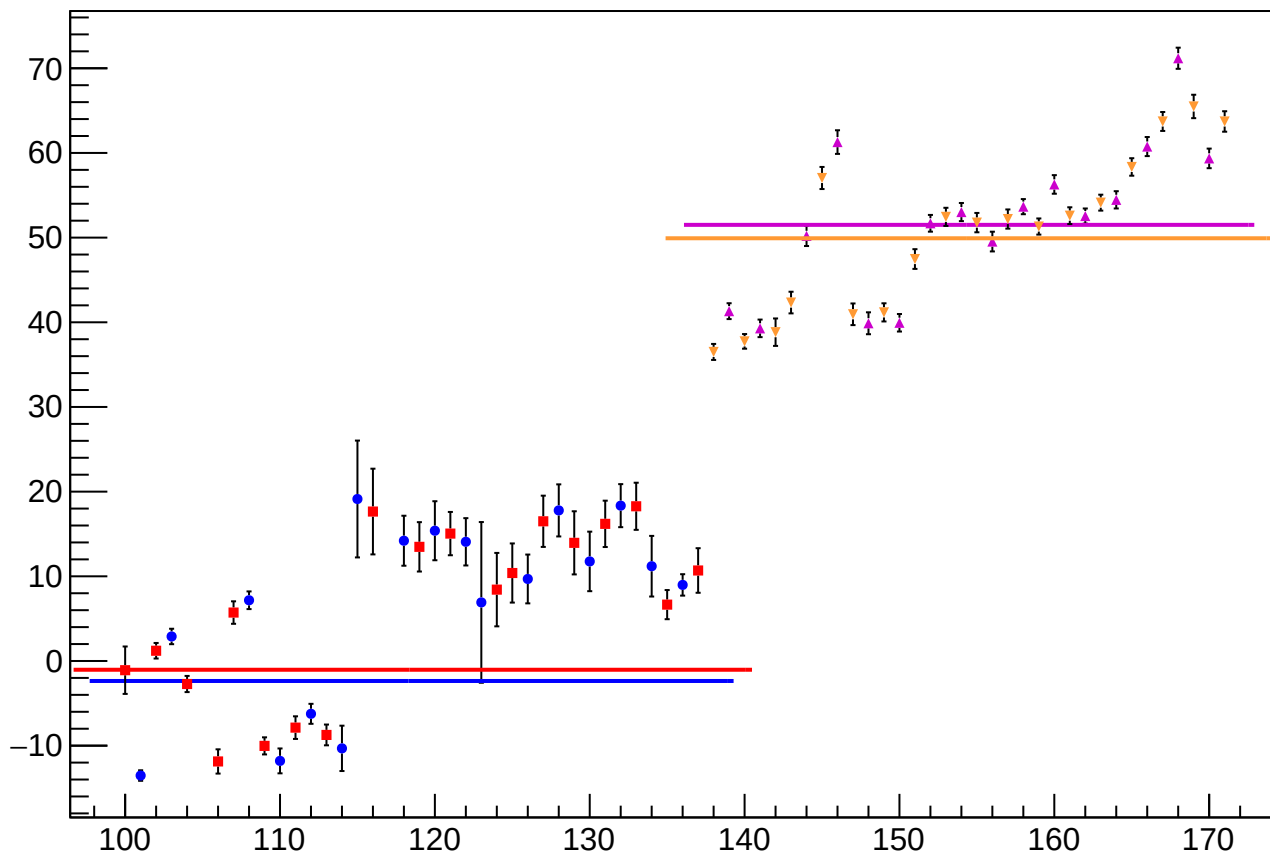
Left In: 42.725 ± 0.204 χ^2/NDF : 1541.7/15

+ sign 47.073 ± 0.141 χ^2/NDF : 3514.2/34

All: 47.254 ± 0.103 χ^2/NDF : 7142.5/69

- sign 47.462 ± 0.152 χ^2/NDF : 3624.8/34

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 49.922 ± 0.259 χ^2/NDF : 1149.7/17

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

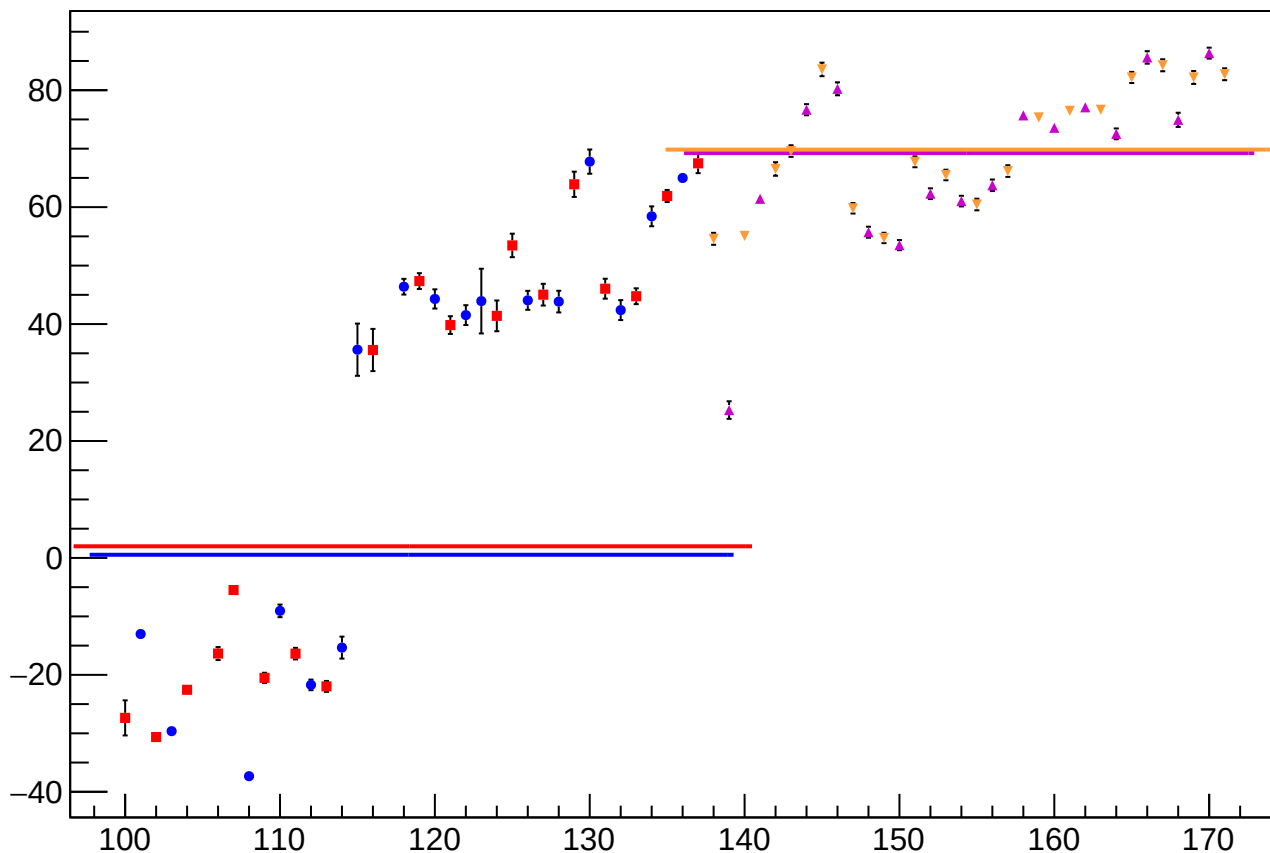
Left In: 51.506 ± 0.268 χ^2/NDF : 914.4/15

+ sign 32.310 ± 0.211 χ^2/NDF : 15685.8/34

All: 33.057 ± 0.152 χ^2/NDF : 30038.0/69

- sign 33.855 ± 0.218 χ^2/NDF : 14326.3/34

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 $\pm$ 0.247 χ^2 /NDF: 18423.8/16

Left Out: 69.841 $\pm$ 0.219 χ^2 /NDF:2102.1/17

Right Out: 1.990 $\pm$ 0.267 χ^2 /NDF: 15476.7/18

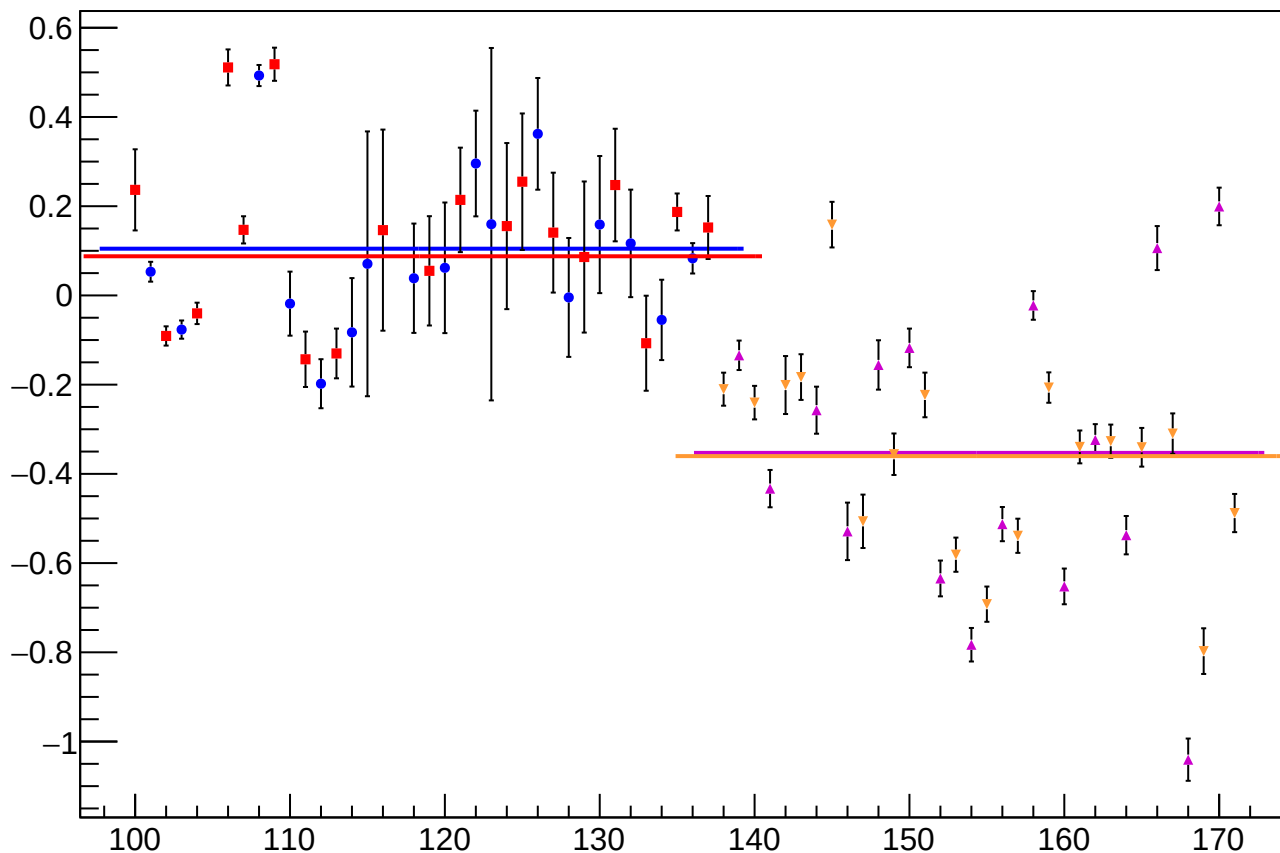
Left In: 69.250 $\pm$ 0.232 χ^2 /NDF:2618.5/15

+ sign 39.294 $\pm$ 0.164 χ^2 /NDF: 64650.1/34

All: 39.746 $\pm$ 0.120 χ^2 /NDF: 119000.8/69

- sign 40.261 $\pm$ 0.175 χ^2 /NDF: 54334.3/34

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.360 ± 0.010 $\chi^2/\text{NDF}: 391.3/17$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

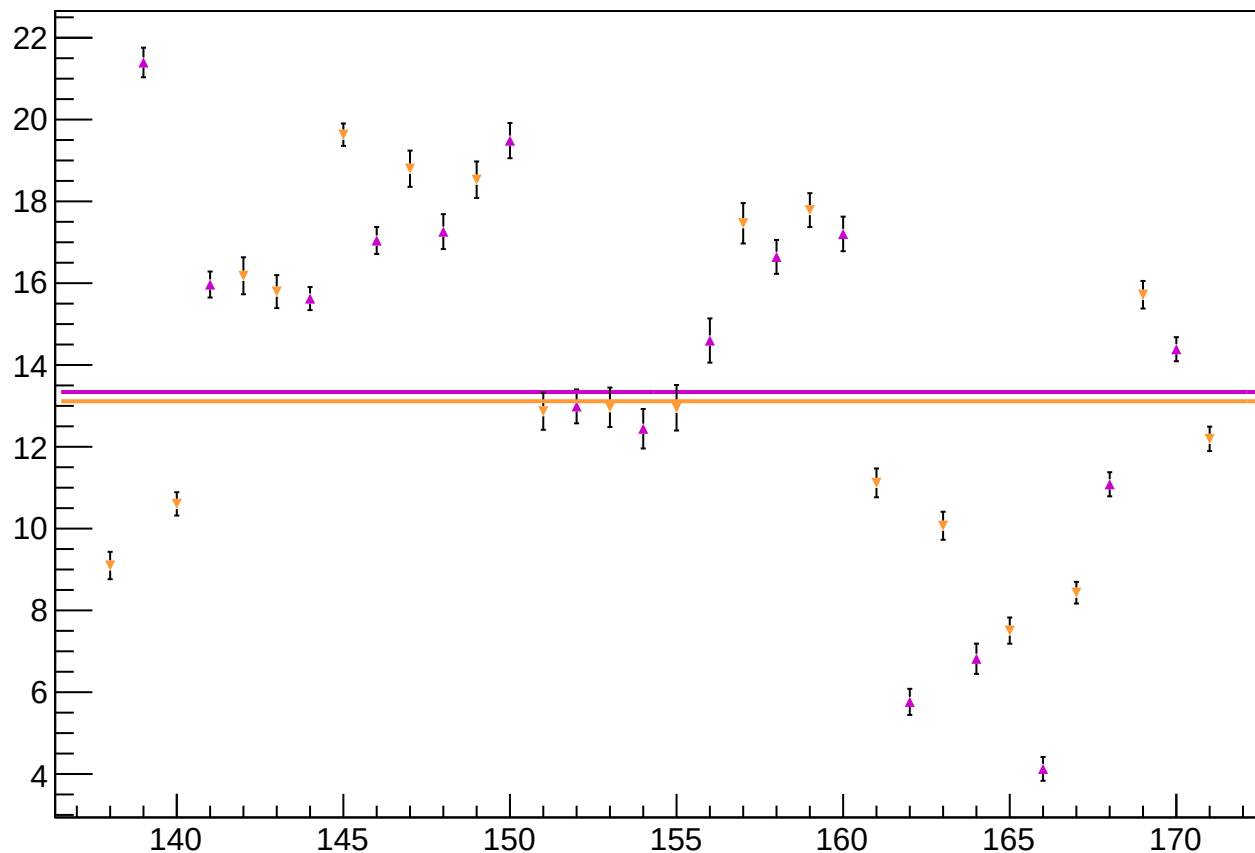
Left In: -0.353 ± 0.010 $\chi^2/\text{NDF}: 948.3/15$

+ sign -0.149 ± 0.007 $\chi^2/\text{NDF}: 1760.6/34$

All: -0.147 ± 0.005 $\chi^2/\text{NDF}: 3950.3/69$

- sign -0.146 ± 0.008 $\chi^2/\text{NDF}: 2189.6/34$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.114+/-0.085 χ^2/NDF :2192.7/17

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

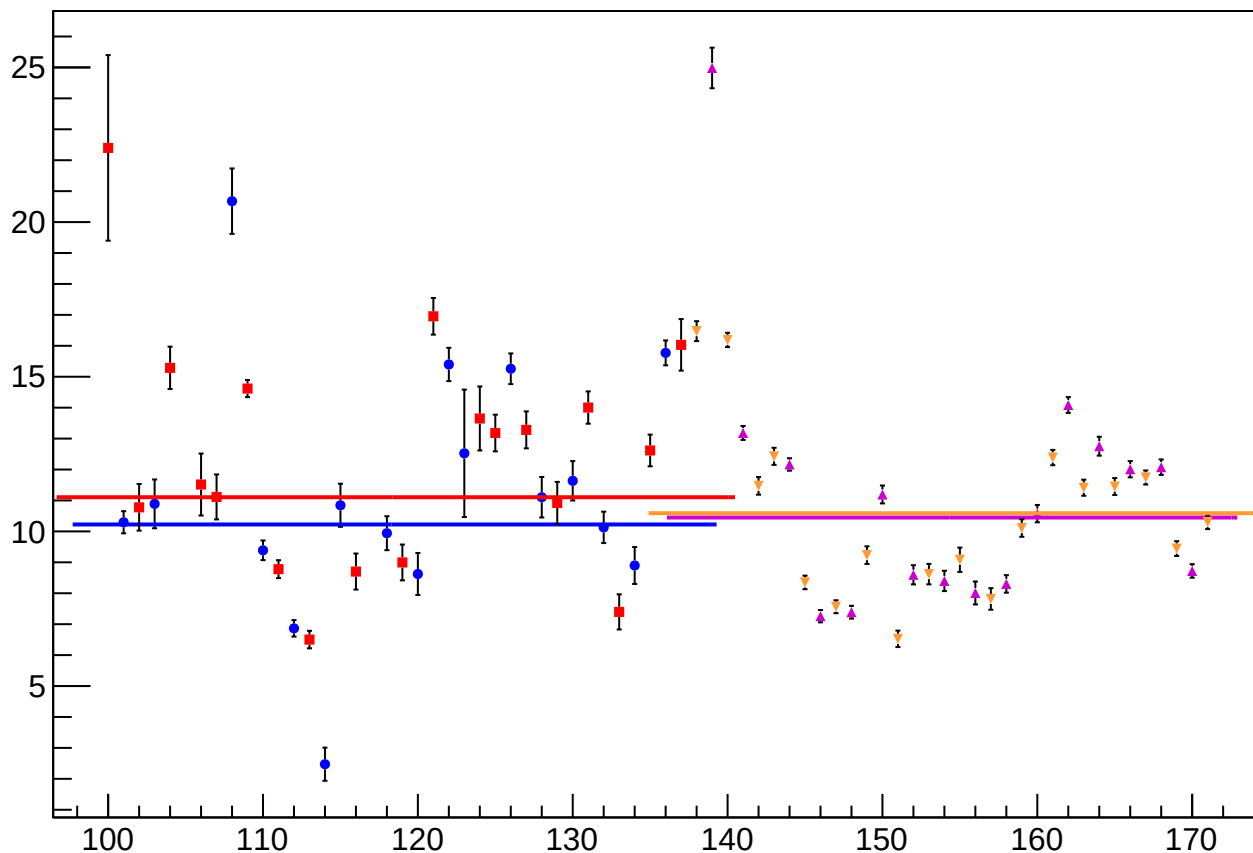
Left In: 13.339+/-0.089 χ^2/NDF :3145.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.222+/-0.061 χ^2/NDF : 5341.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.588 $\pm$ 0.062 χ^2 /NDF:1782.5/17

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

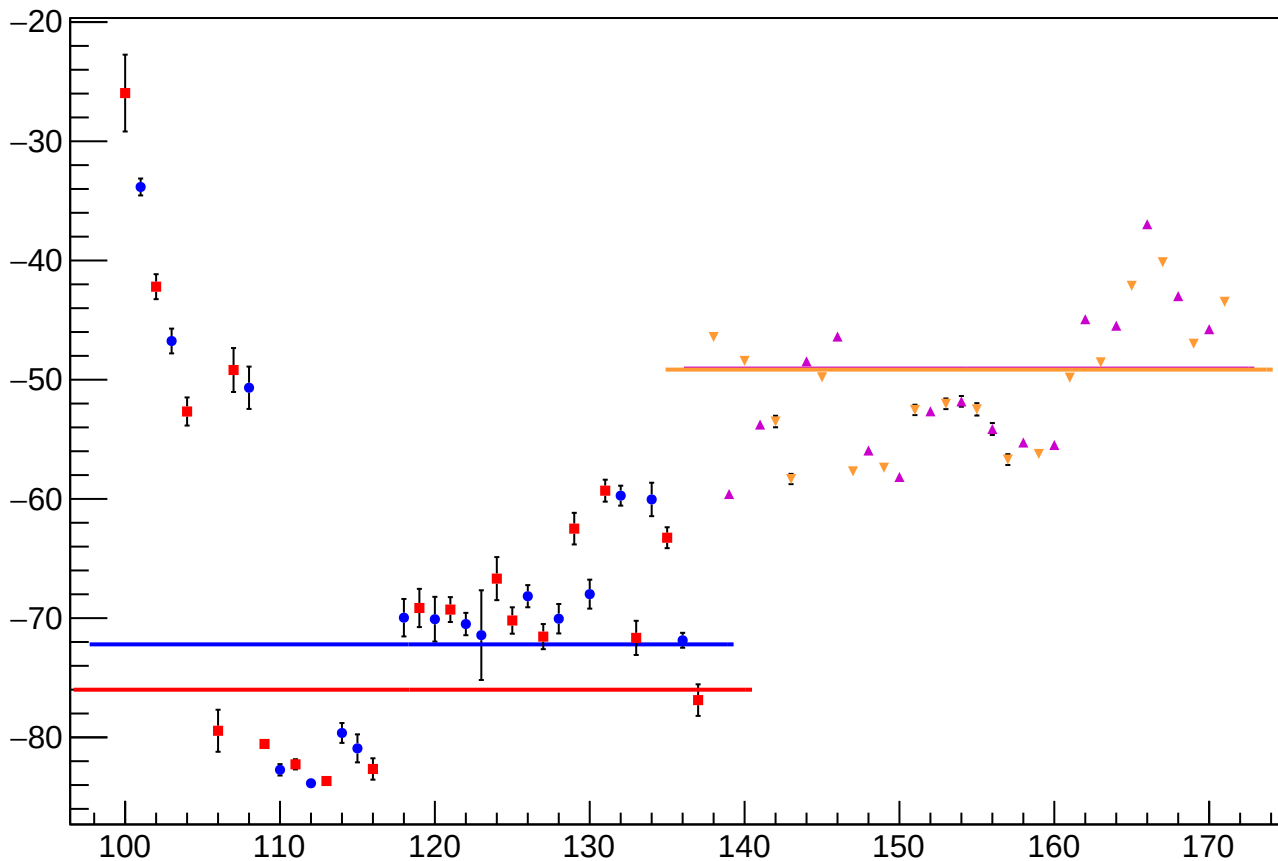
Left In: 10.448 $\pm$ 0.065 χ^2 /NDF:1768.8/15

+ sign 10.511 $\pm$ 0.055 χ^2 /NDF: 2667.5/34

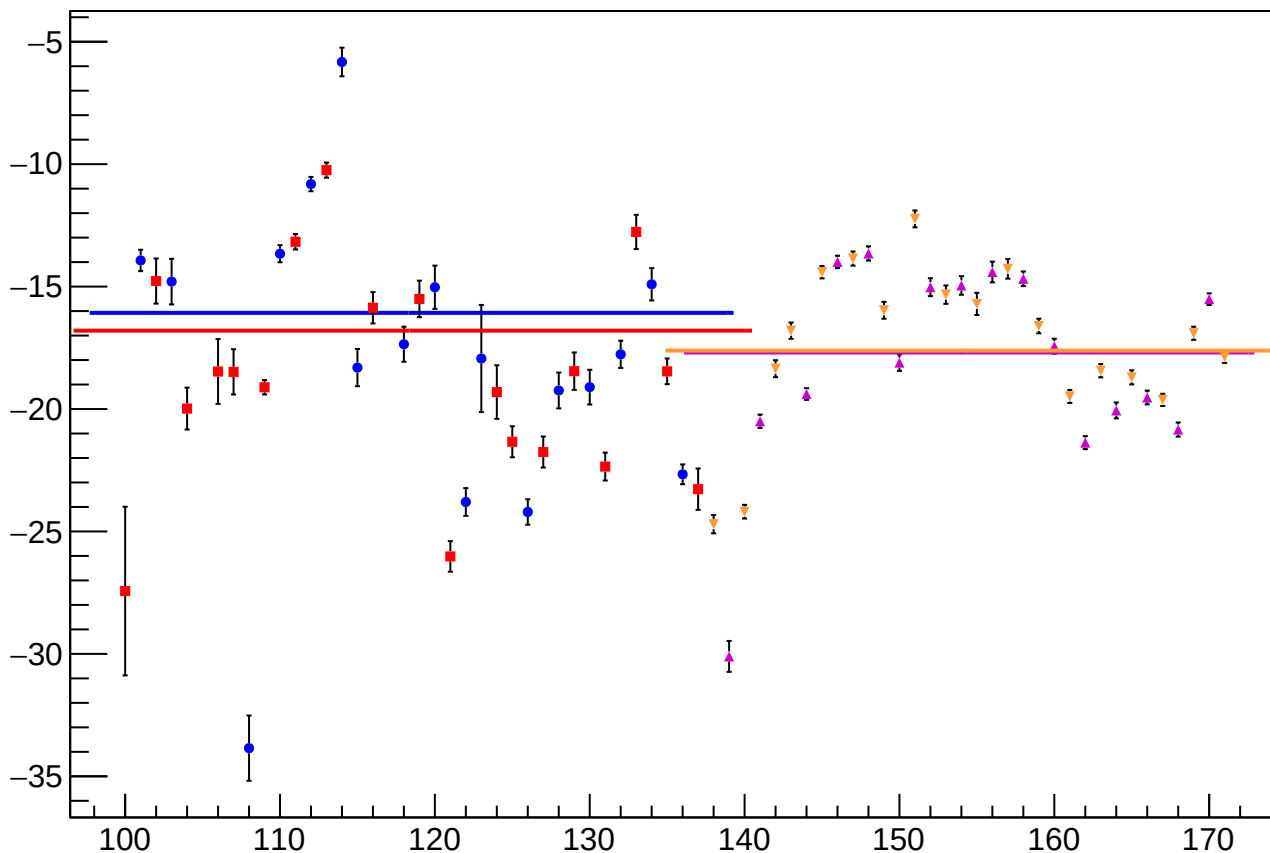
All: 10.556 $\pm$ 0.039 χ^2 /NDF: 5279.1/69

- sign 10.604 $\pm$ 0.057 χ^2 /NDF: 2610.2/34

reg_asym_sam7_diff_bpm4eX_slope vs Slug



reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -17.612 ± 0.071 χ^2/NDF : 1803.7/17

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

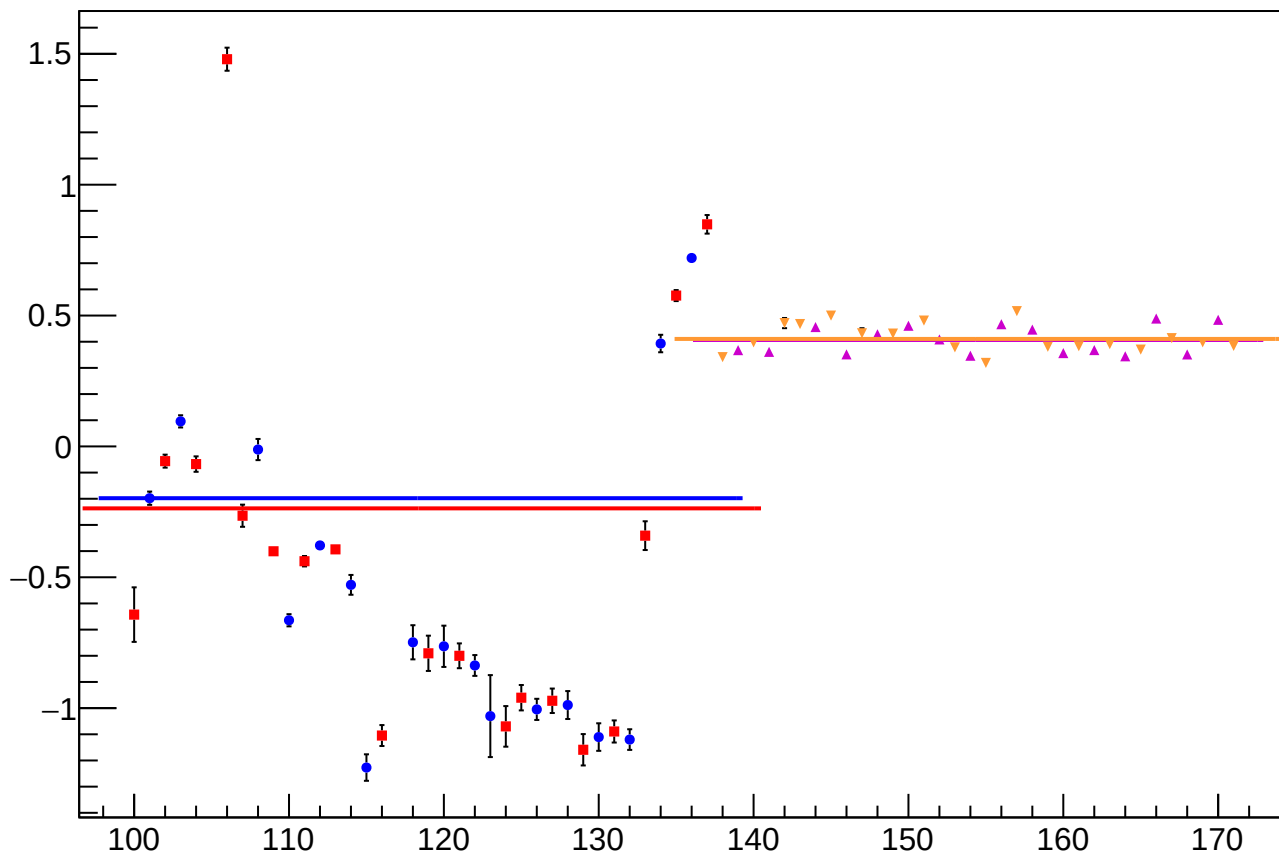
Left In: -17.691 ± 0.075 χ^2/NDF : 1708.8/15

+ sign -17.265 ± 0.063 χ^2/NDF : 3549.8/34

All: -17.361 ± 0.045 χ^2/NDF : 6515.3/69

- sign -17.464 ± 0.065 χ^2/NDF : 2960.6/34

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.411 ± 0.003 χ^2/NDF : 228.9/17

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

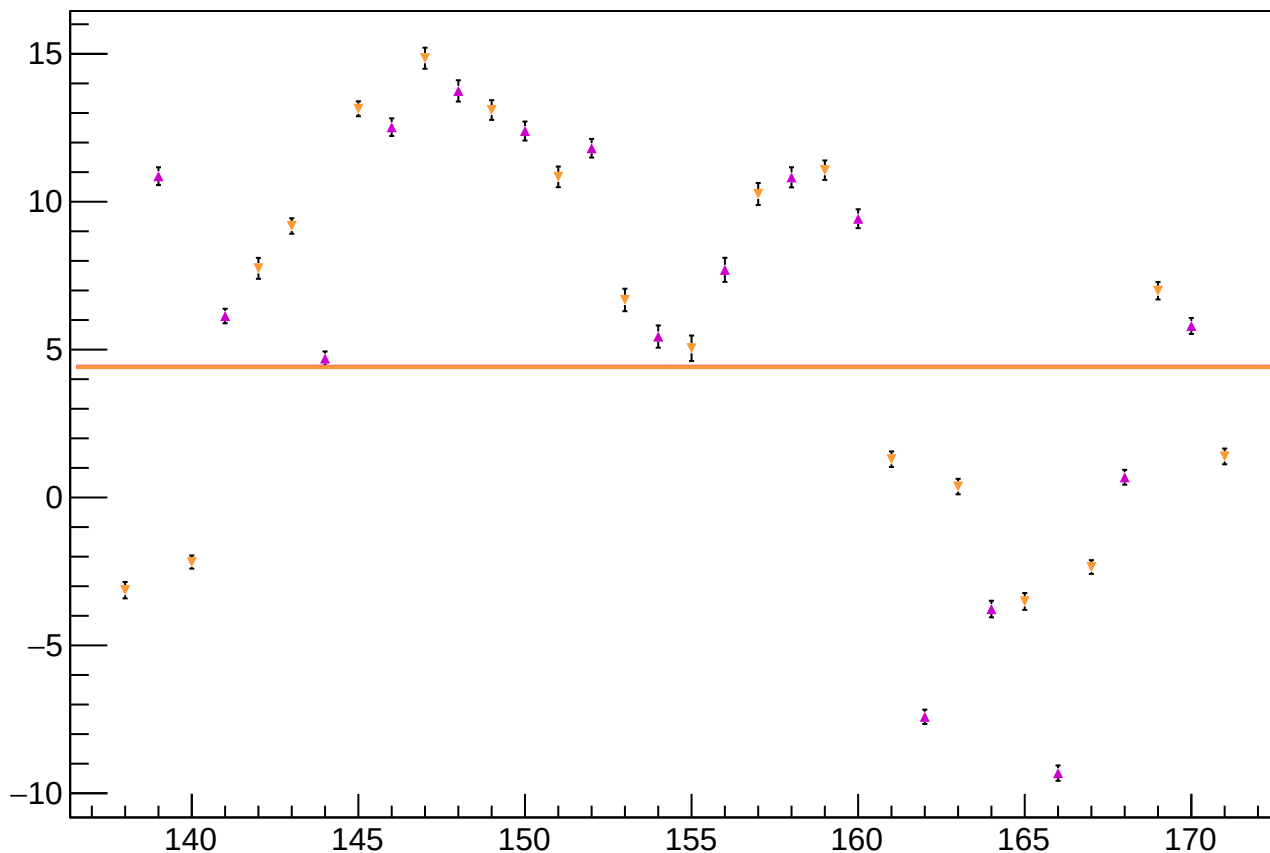
Left In: 0.407 ± 0.003 χ^2/NDF : 249.3/15

+ sign 0.312 ± 0.003 χ^2/NDF : 12028.4/34

All: 0.299 ± 0.002 χ^2/NDF : 25061.3/69

- sign 0.285 ± 0.003 χ^2/NDF : 12994.2/34

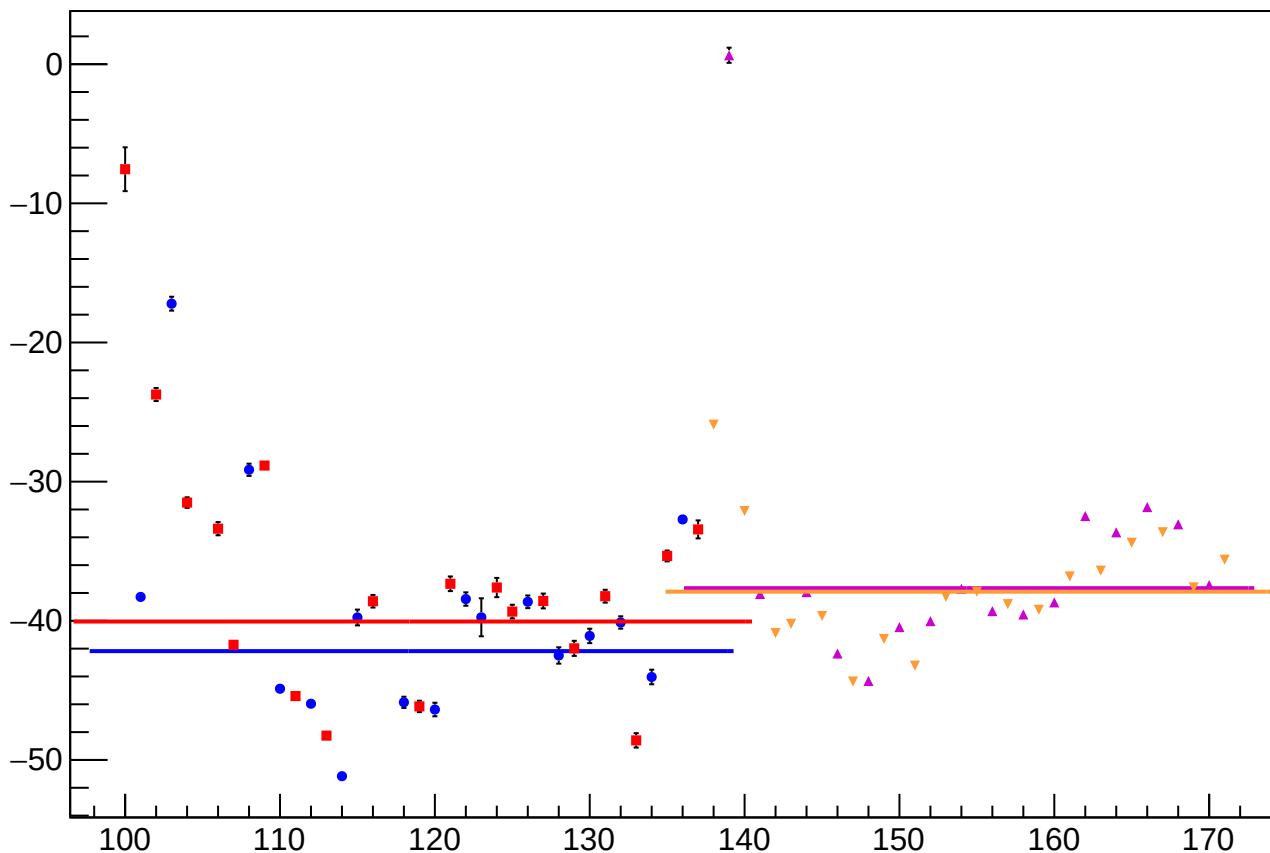
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.407+/-0.069 χ^2/NDF :8002.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.420+/-0.073 χ^2/NDF :10017.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.413+/-0.050 χ^2/NDF : 18020.2/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 $\chi^2/\text{NDF}: 6573.8/16$

Left Out: -37.906 ± 0.050 $\chi^2/\text{NDF}: 6726.3/17$

Right Out: -40.052 ± 0.073 $\chi^2/\text{NDF}: 11313.5/18$

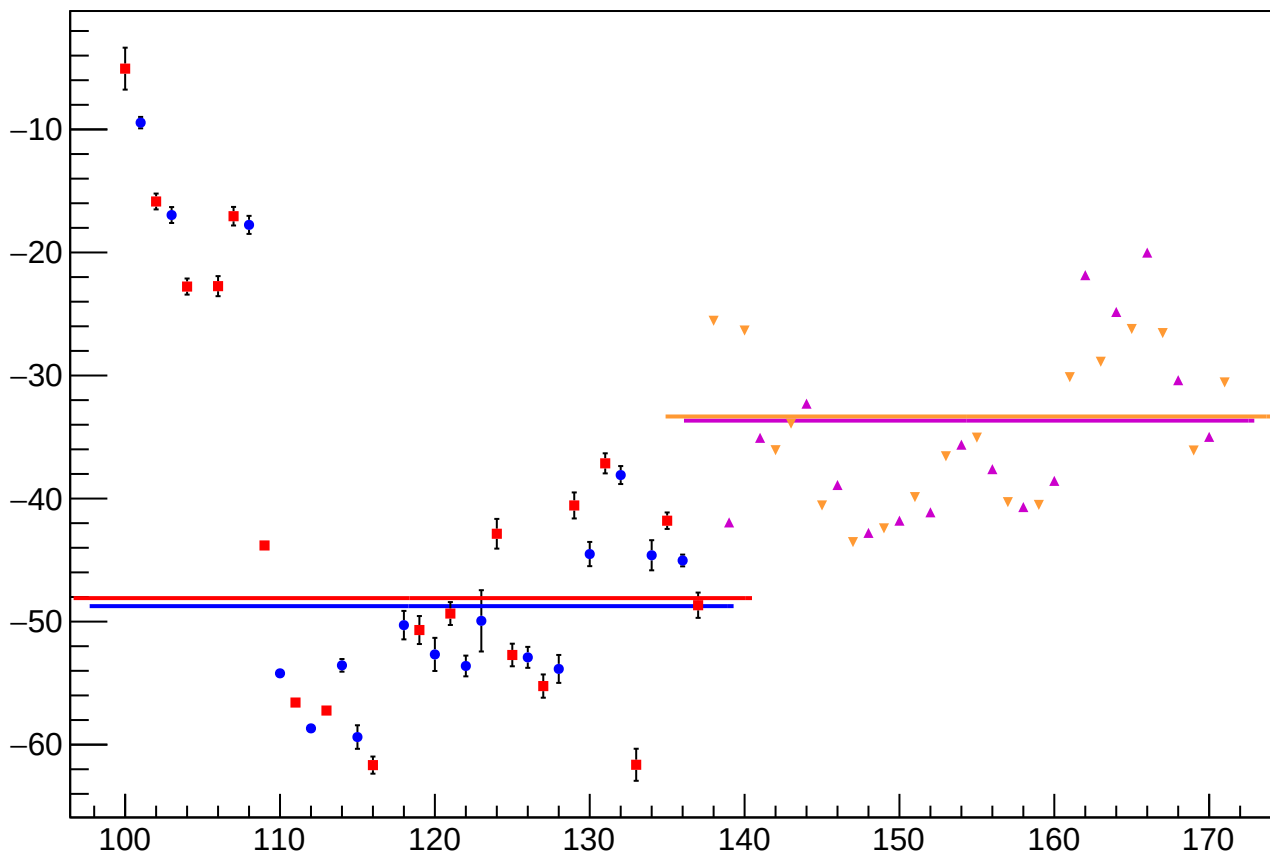
Left In: -37.655 ± 0.054 $\chi^2/\text{NDF}: 9512.8/15$

+ sign -39.152 ± 0.042 $\chi^2/\text{NDF}: 15438.3/34$

All: -38.833 ± 0.030 $\chi^2/\text{NDF}: 37086.9/69$

- sign -38.497 ± 0.043 $\chi^2/\text{NDF}: 21530.0/34$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -33.330 ± 0.069 $\chi^2/\text{NDF}: 7668.5/17$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

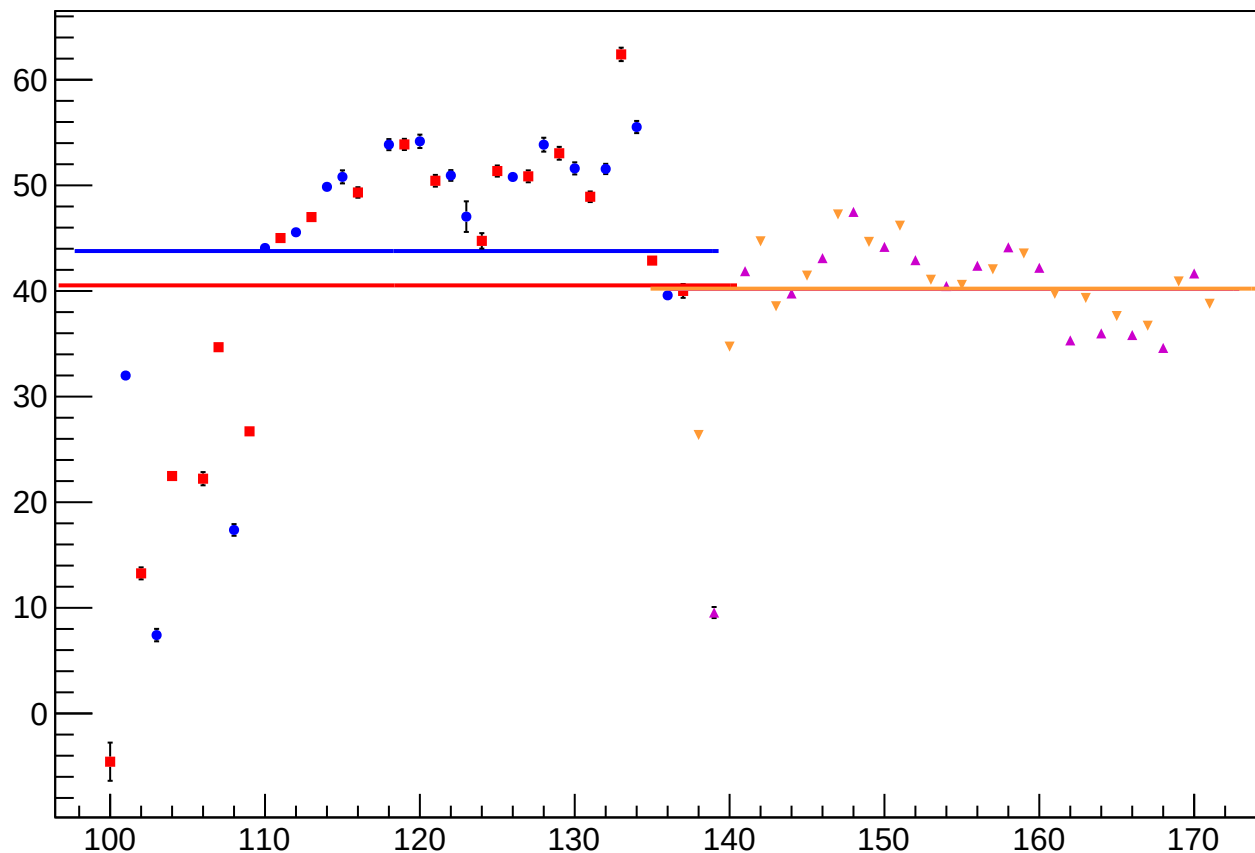
Left In: -33.665 ± 0.072 $\chi^2/\text{NDF}: 10470.8/15$

+ sign -36.941 ± 0.060 $\chi^2/\text{NDF}: 34076.1/34$

All: -37.545 ± 0.042 $\chi^2/\text{NDF}: 68966.8/69$

- sign -38.138 ± 0.060 $\chi^2/\text{NDF}: 34691.6/34$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.221 $\pm$ 0.058 χ^2 /NDF: 5355.2/17

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

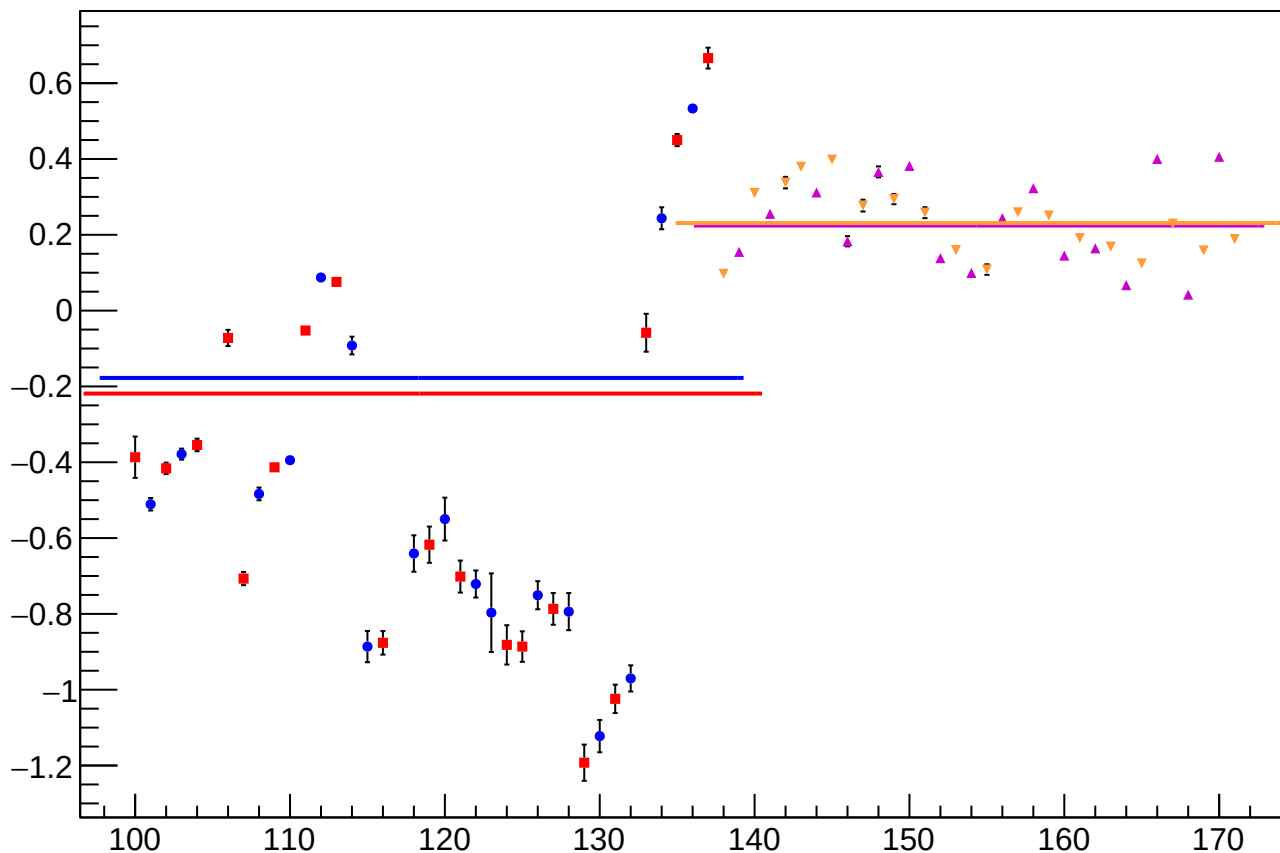
Left In: 40.188 $\pm$ 0.062 χ^2 /NDF: 6977.9/15

+ sign 41.312 $\pm$ 0.048 χ^2 /NDF: 17166.0/34

All: 40.822 $\pm$ 0.034 χ^2 /NDF: 41948.7/69

- sign 40.315 $\pm$ 0.049 χ^2 /NDF: 24570.1/34

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.231 ± 0.003 χ^2/NDF : 1015.9/17

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

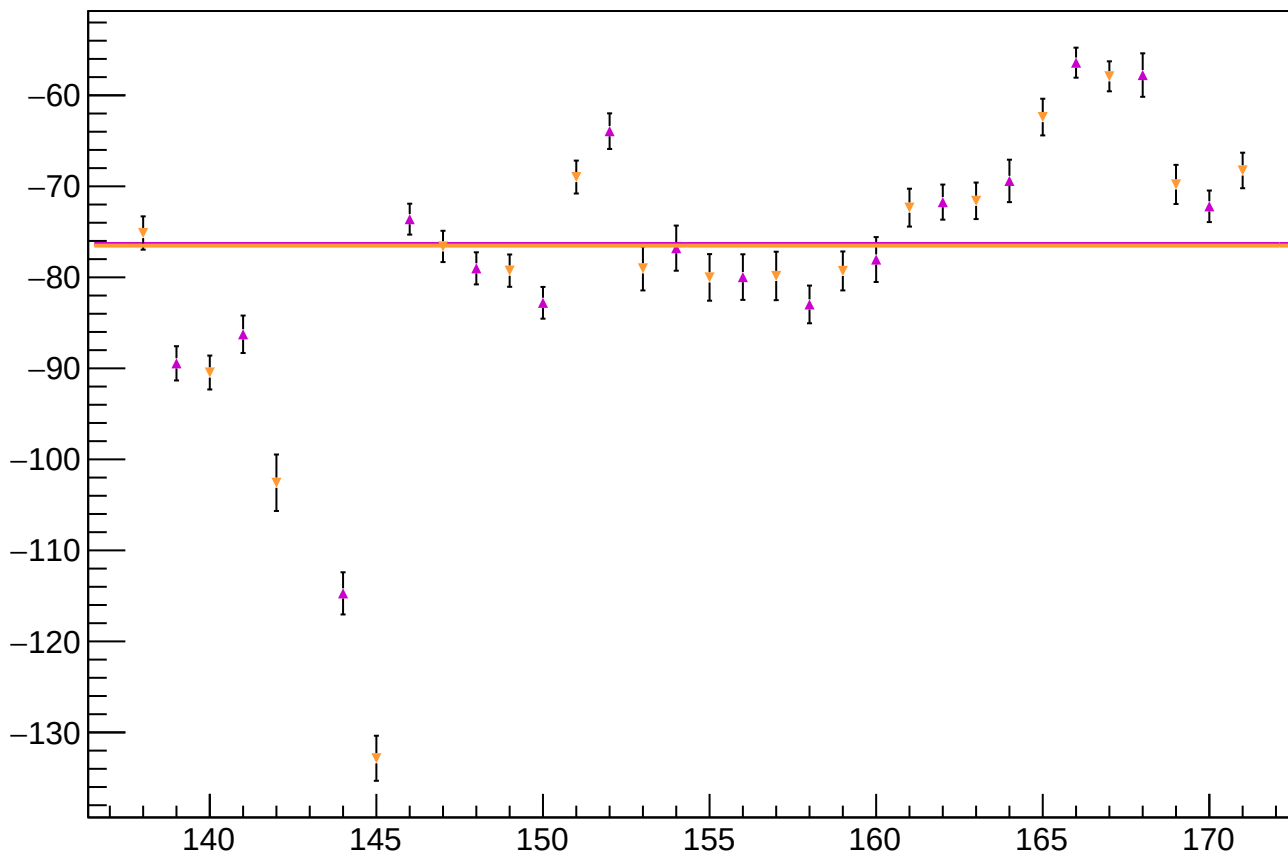
Left In: 0.224 ± 0.003 χ^2/NDF : 1800.4/15

+ sign 0.134 ± 0.002 χ^2/NDF : 13840.5/34

All: 0.112 ± 0.002 χ^2/NDF : 30694.5/69

- sign 0.090 ± 0.002 χ^2/NDF : 16680.7/34

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -76.515 $\pm$ 0.496 χ^2 /NDF:884.9/16

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

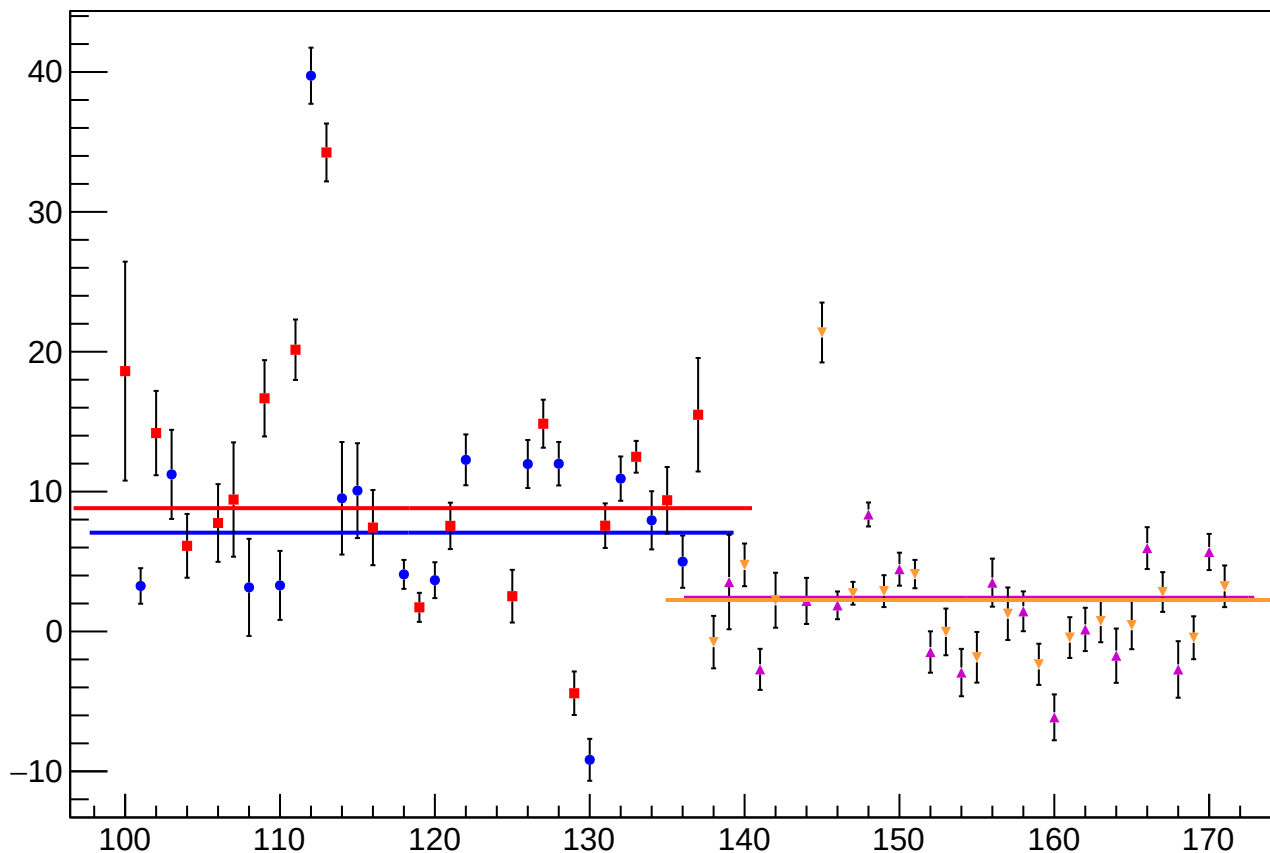
Left In: -76.339 $\pm$ 0.499 χ^2 /NDF:644.2/15

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

All: -76.427 $\pm$ 0.352 χ^2 /NDF: 1529.2/32

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

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.250 ± 0.344 χ^2/NDF : 115.4/16

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

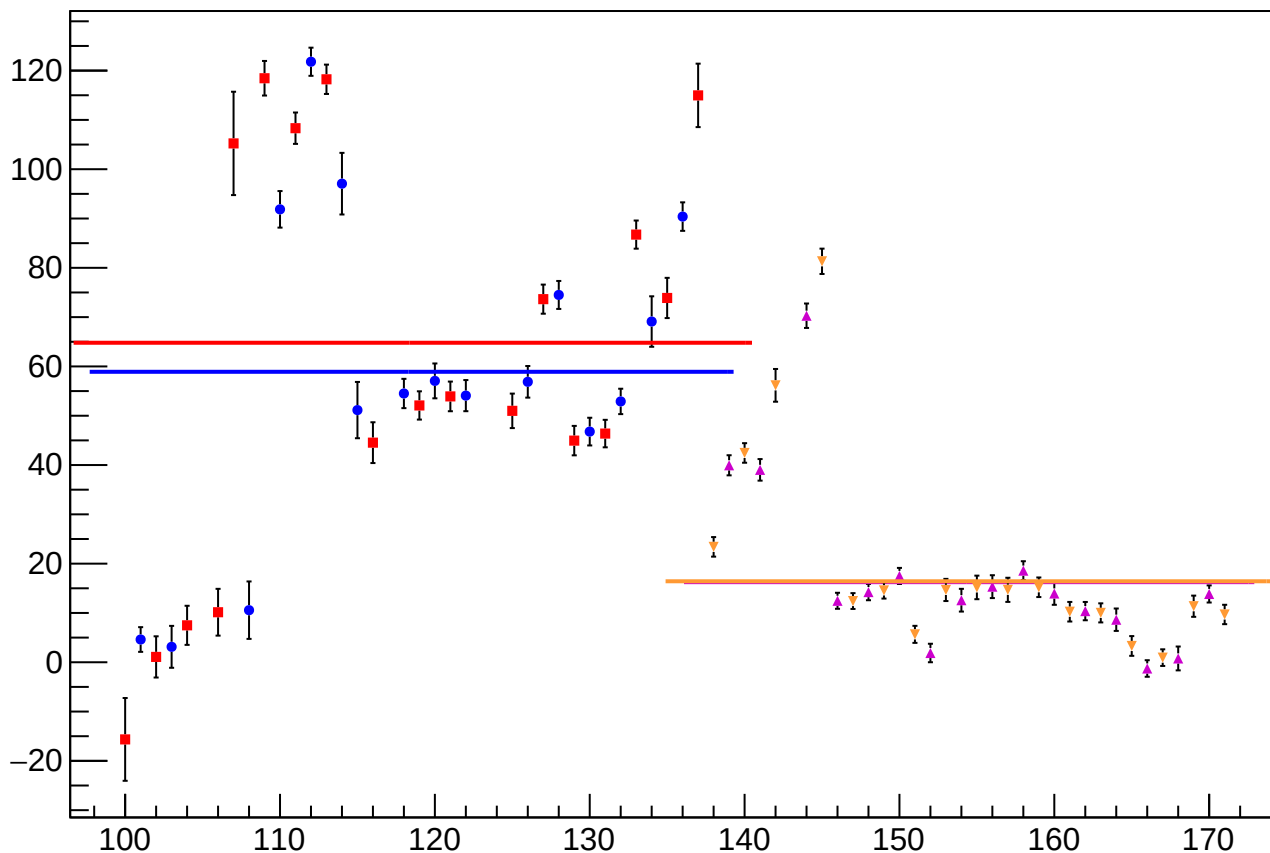
Left In: 2.410 ± 0.353 χ^2/NDF : 134.0/15

+ sign 4.108 ± 0.269 χ^2/NDF : 637.9/32

All: 4.473 ± 0.193 χ^2/NDF : 1251.8/66

- sign 4.861 ± 0.278 χ^2/NDF : 610.0/33

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 16.424 $\pm$ 0.486 χ^2 /NDF:1179.0/16

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

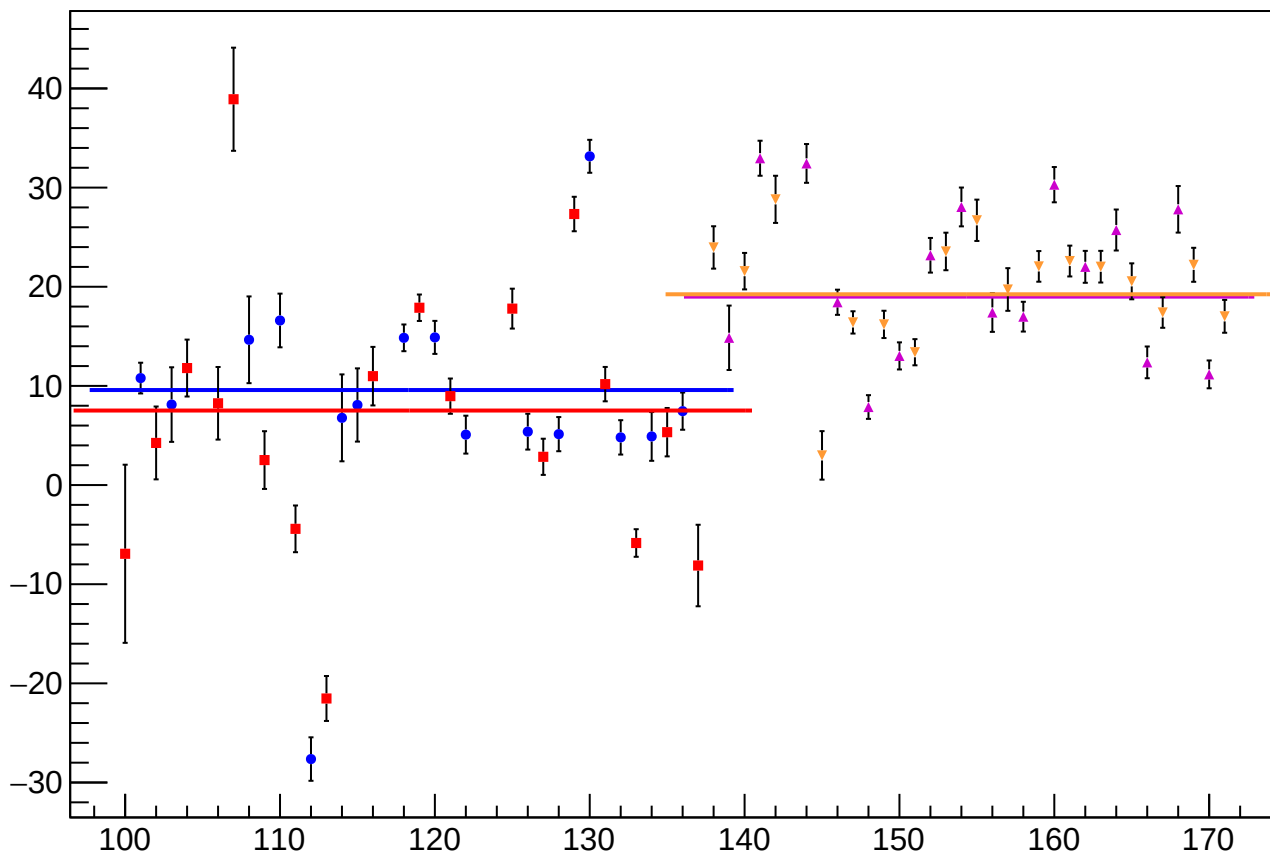
Left In: 16.245 $\pm$ 0.488 χ^2 /NDF:963.2/15

+ sign 27.259 $\pm$ 0.420 χ^2 /NDF: 4621.4/32

All: 27.876 $\pm$ 0.298 χ^2 /NDF: 9803.9/66

- sign 28.500 $\pm$ 0.422 χ^2 /NDF: 5178.2/33

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 19.241 ± 0.404 χ^2/NDF : 133.5/16

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

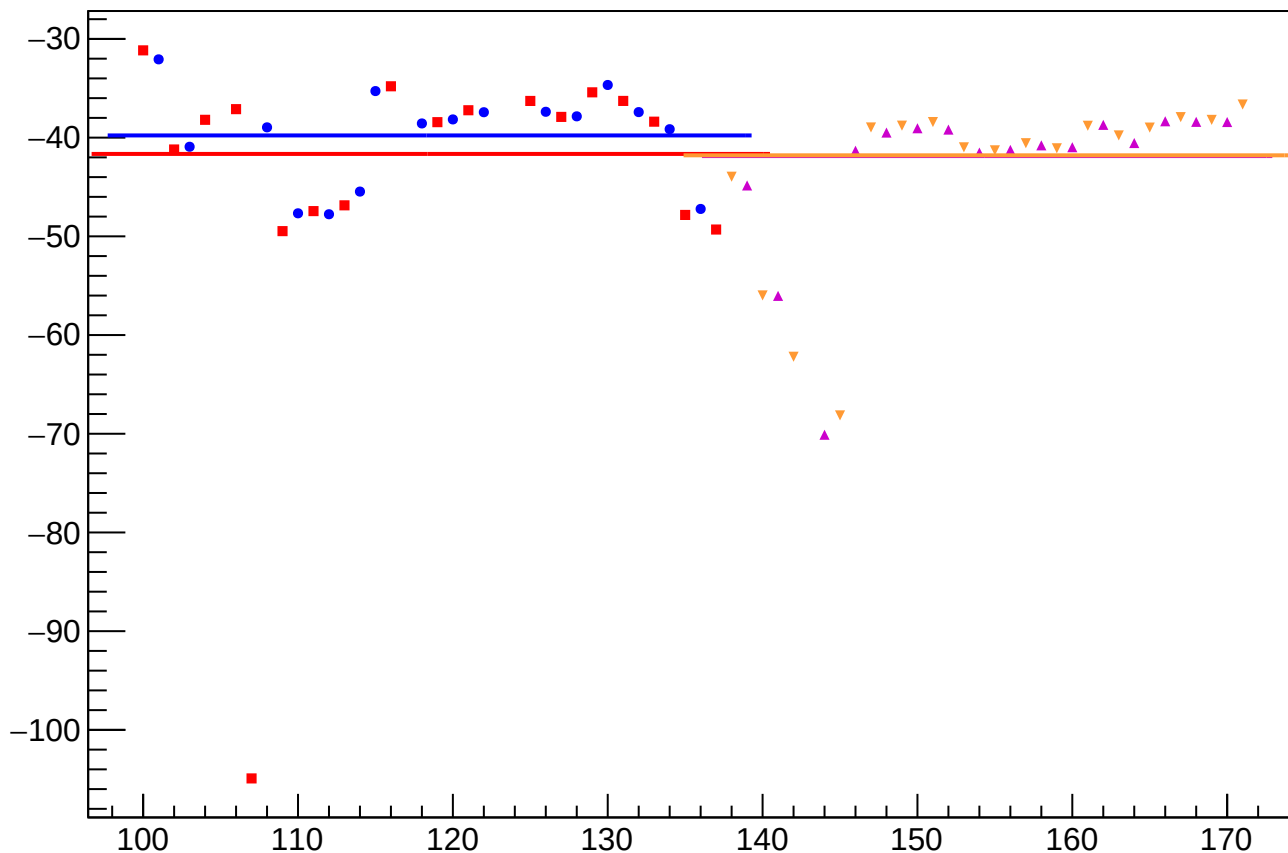
Left In: 19.004 ± 0.414 χ^2/NDF : 363.4/15

+ sign 15.438 ± 0.314 χ^2/NDF : 913.1/32

All: 14.983 ± 0.225 χ^2/NDF : 2152.6/66

- sign 14.504 ± 0.323 χ^2/NDF : 1235.1/33

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -41.791 ± 0.019 χ^2/NDF : 137889.7/16

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

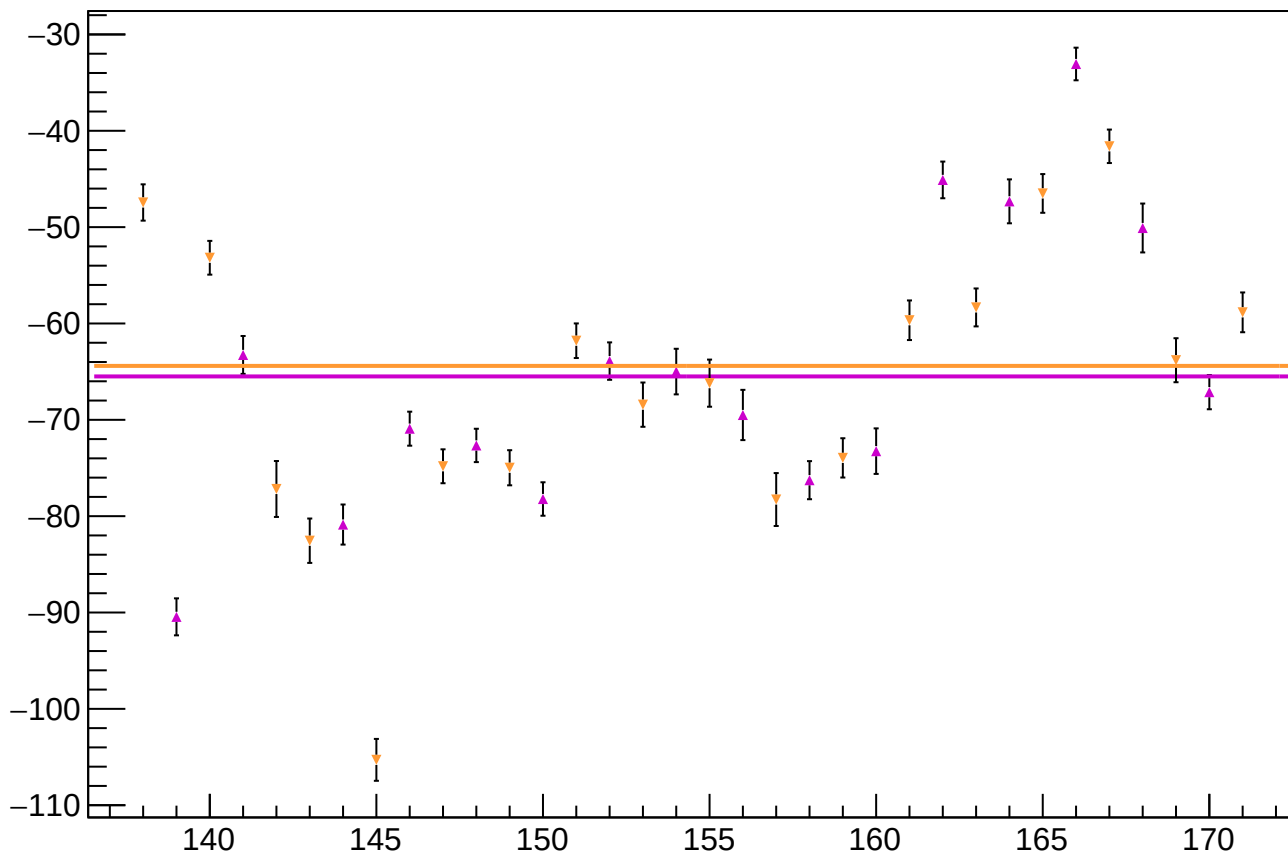
Left In: -41.867 ± 0.019 χ^2/NDF : 107998.5/15

+ sign -41.235 ± 0.016 χ^2/NDF : 167091.8/32

All: -41.520 ± 0.012 χ^2/NDF : 370193.6/66

- sign -41.807 ± 0.016 χ^2/NDF : 202490.8/33

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -64.403+/-0.483 χ^2/NDF : 952.8/17

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

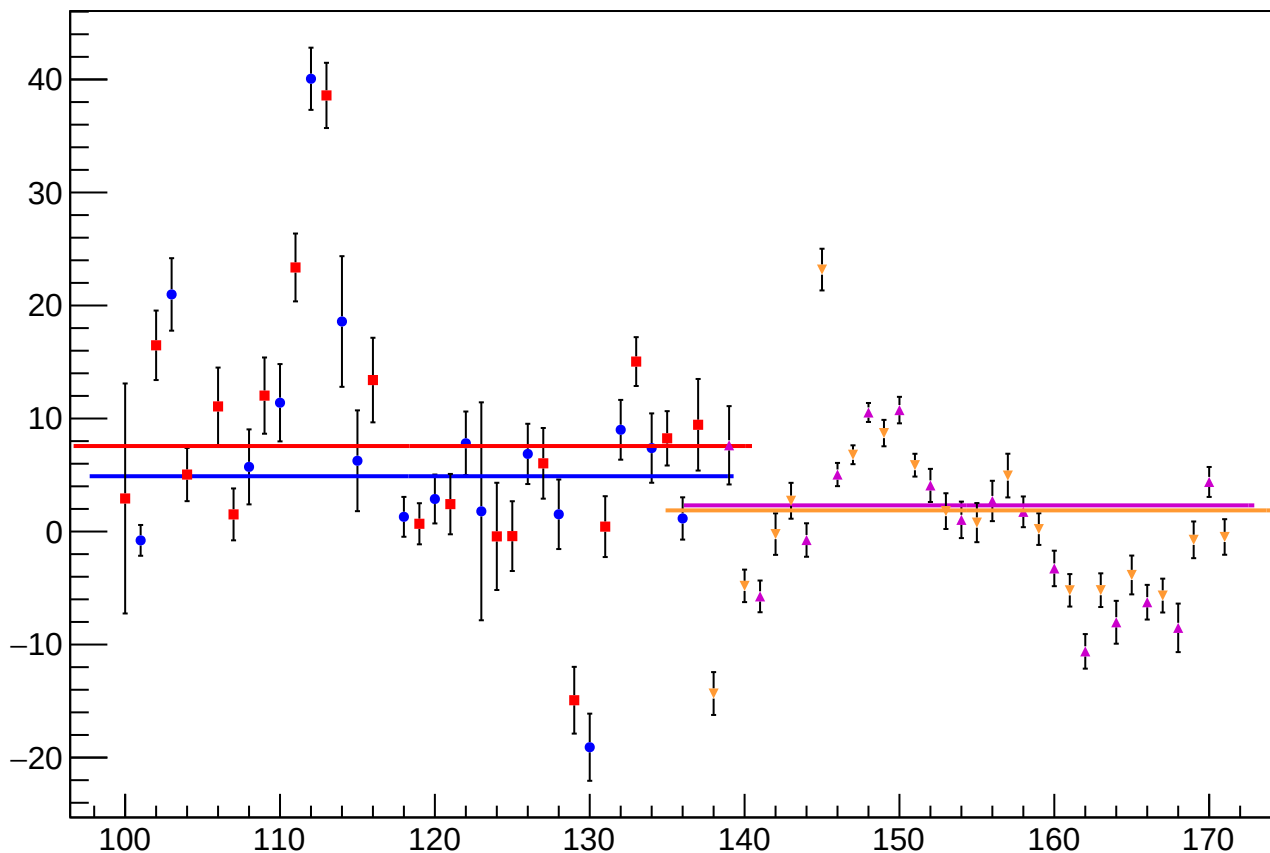
Left In: -65.495+/-0.496 χ^2/NDF : 931.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.934+/-0.346 χ^2/NDF : 1886.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 $\chi^2/\text{NDF}: 295.4/16$

Left Out: 1.871 ± 0.335 $\chi^2/\text{NDF}: 406.6/17$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

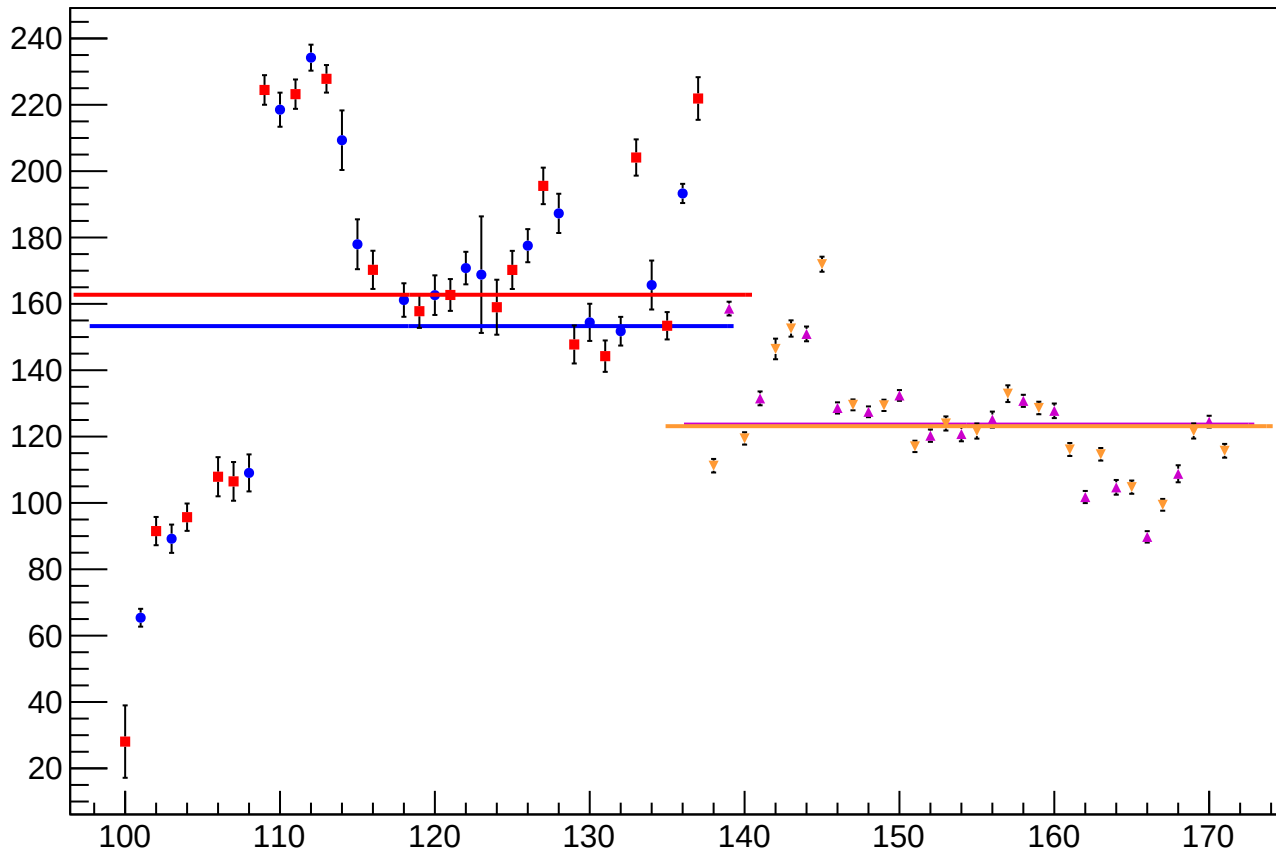
Left In: 2.315 ± 0.350 $\chi^2/\text{NDF}: 369.4/15$

+ sign 2.552 ± 0.295 $\chi^2/\text{NDF}: 720.4/34$

All: 3.000 ± 0.213 $\chi^2/\text{NDF}: 1415.1/69$

- sign 3.490 ± 0.308 $\chi^2/\text{NDF}: 689.9/34$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 123.133 $\pm$ 0.476 χ^2 /NDF:1073.8/17

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

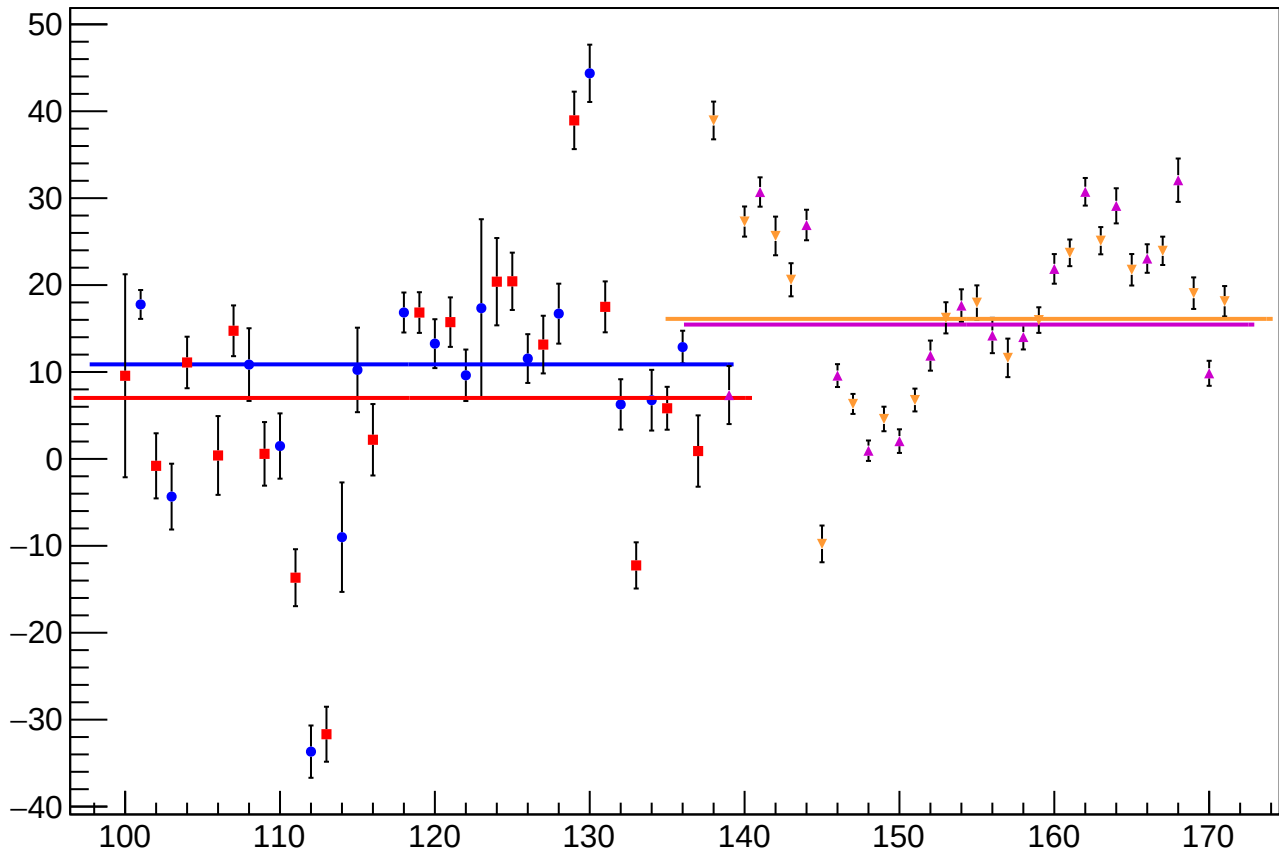
Left In: 123.613 $\pm$ 0.485 χ^2 /NDF:1149.5/15

+ sign 127.574 $\pm$ 0.439 χ^2 /NDF: 3932.8/34

All: 128.417 $\pm$ 0.314 χ^2 /NDF: 7744.1/69

- sign 129.296 $\pm$ 0.448 χ^2 /NDF: 3803.8/34

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 16.112+/-0.394 χ^2/NDF : 615.3/17

Right Out: 7.014+/-0.748 χ^2/NDF : 424.5/18

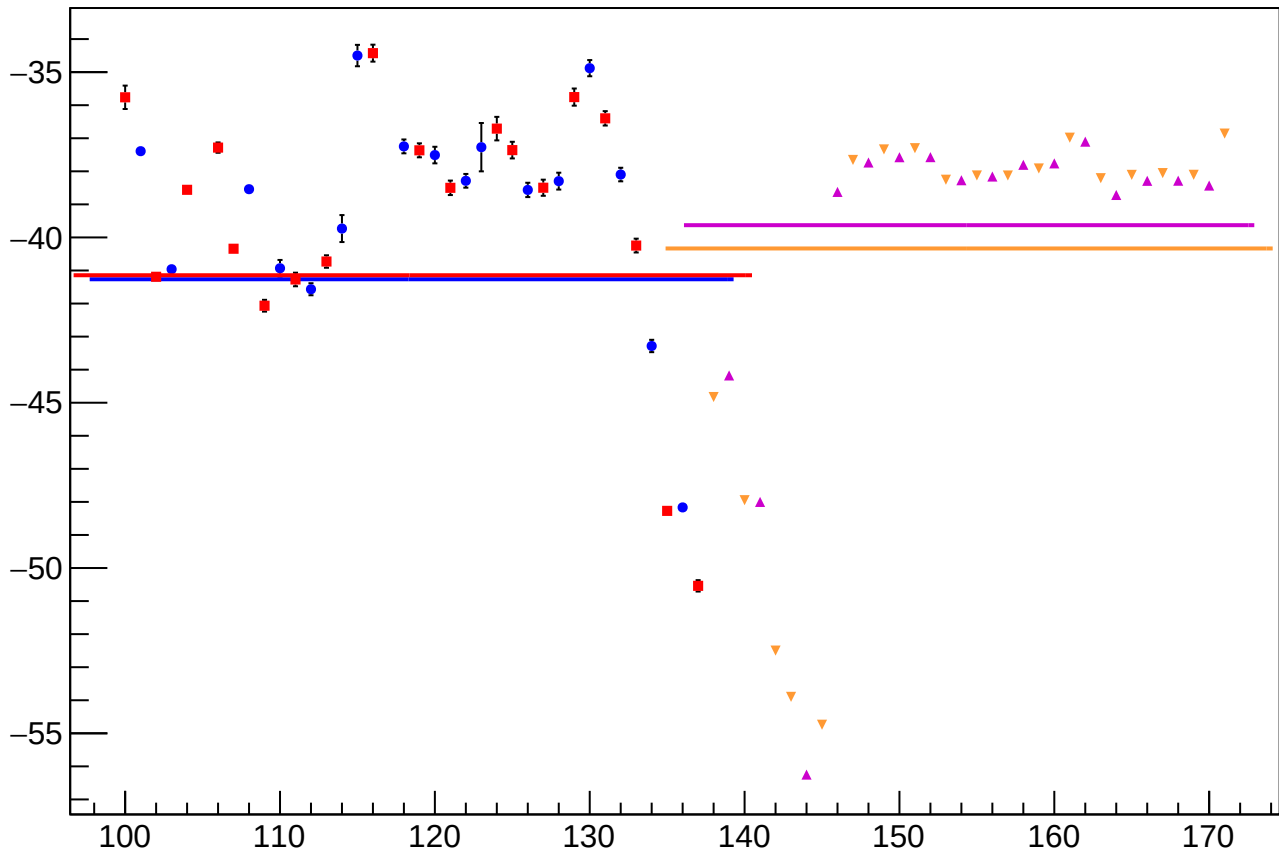
Left In: 15.456+/-0.410 χ^2/NDF : 640.1/15

+ sign 14.890+/-0.345 χ^2/NDF : 1044.6/34

All: 14.228+/-0.249 χ^2/NDF : 2214.9/69

- sign 13.508+/-0.359 χ^2/NDF : 1162.6/34

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265±/-0.038 χ^2/NDF : 12570.1/16

Left Out: -40.334±/-0.019 χ^2/NDF : 81525.6/17

Right Out: -41.144±/-0.039 χ^2/NDF : 12218.7/18

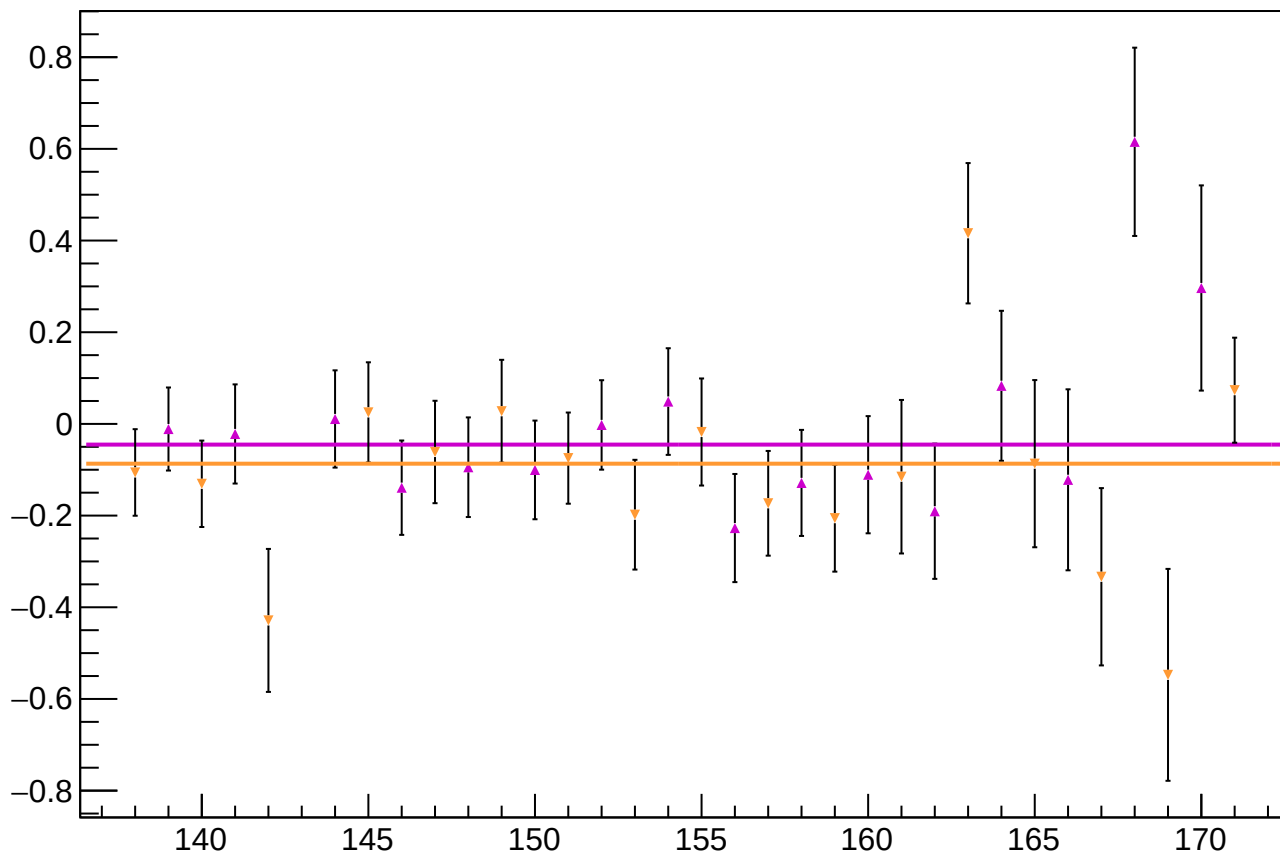
Left In: -39.629±/-0.019 χ^2/NDF : 49470.7/15

+ sign -40.513±/-0.017 χ^2/NDF : 94568.6/34

All: -40.226±/-0.012 χ^2/NDF : 158080.1/69

- sign -39.929±/-0.017 χ^2/NDF : 62923.0/34

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.087 $\pm$ 0.030 χ^2 /NDF: 28.4/16

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

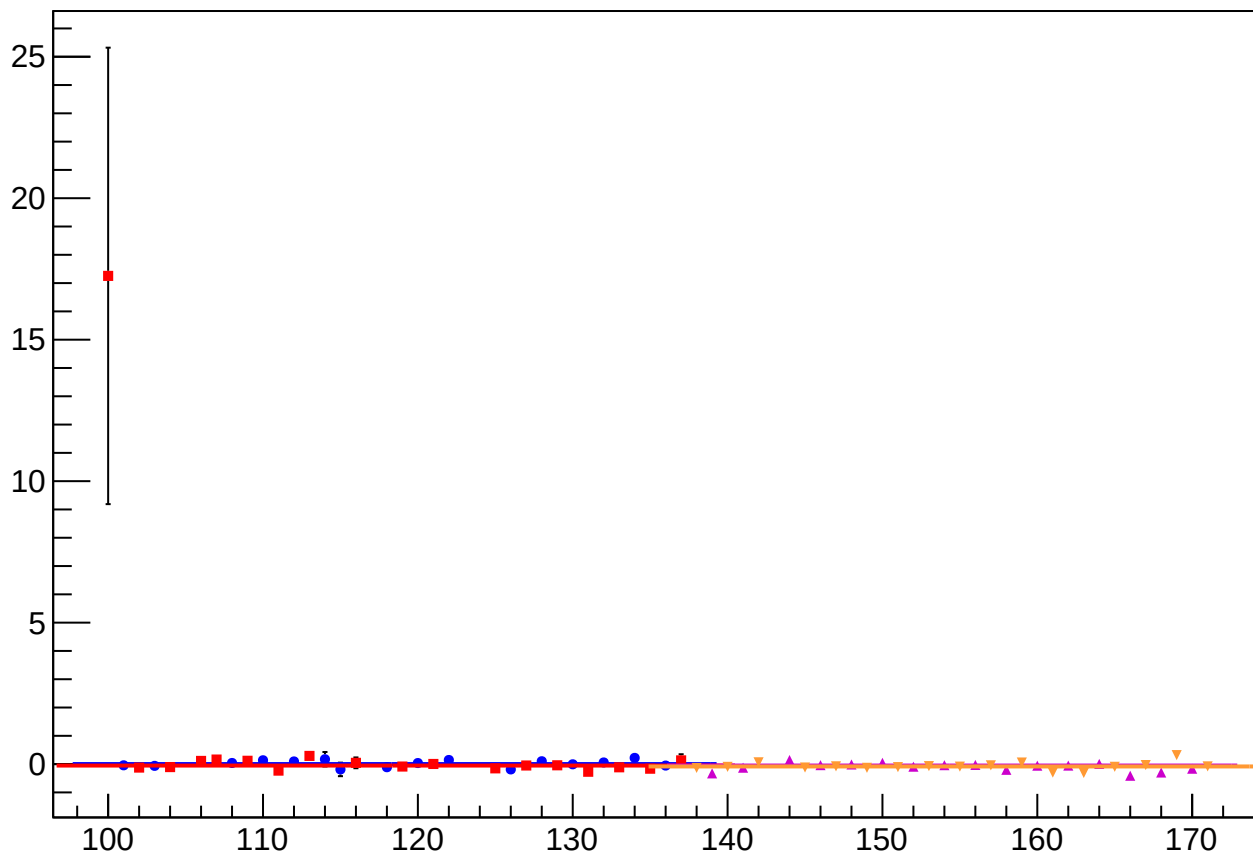
Left In: -0.045 $\pm$ 0.030 χ^2 /NDF: 20.2/15

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

All: -0.066 $\pm$ 0.021 χ^2 /NDF: 49.6/32

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.083 $\pm$ 0.021 χ^2 /NDF: 19.7/16

Right Out: -0.051 $\pm$ 0.029 χ^2 /NDF: 25.8/17

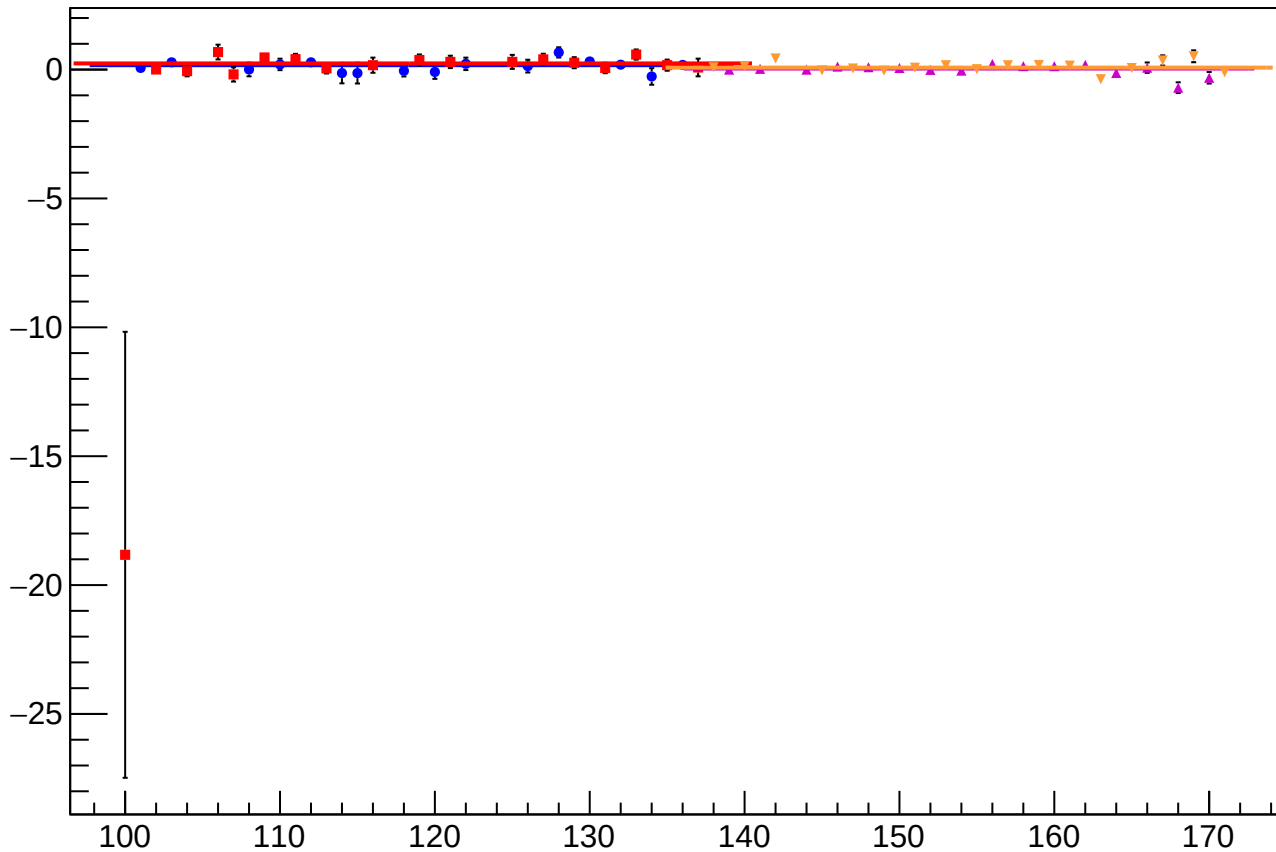
Left In: -0.050 $\pm$ 0.021 χ^2 /NDF: 23.4/15

+ sign -0.053 $\pm$ 0.017 χ^2 /NDF: 38.1/32

All: -0.052 $\pm$ 0.012 χ^2 /NDF: 87.2/66

- sign -0.051 $\pm$ 0.017 χ^2 /NDF: 49.2/33

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.076 ± 0.029 χ^2/NDF : 27.3/16

Right Out: 0.239 ± 0.054 χ^2/NDF : 21.8/17

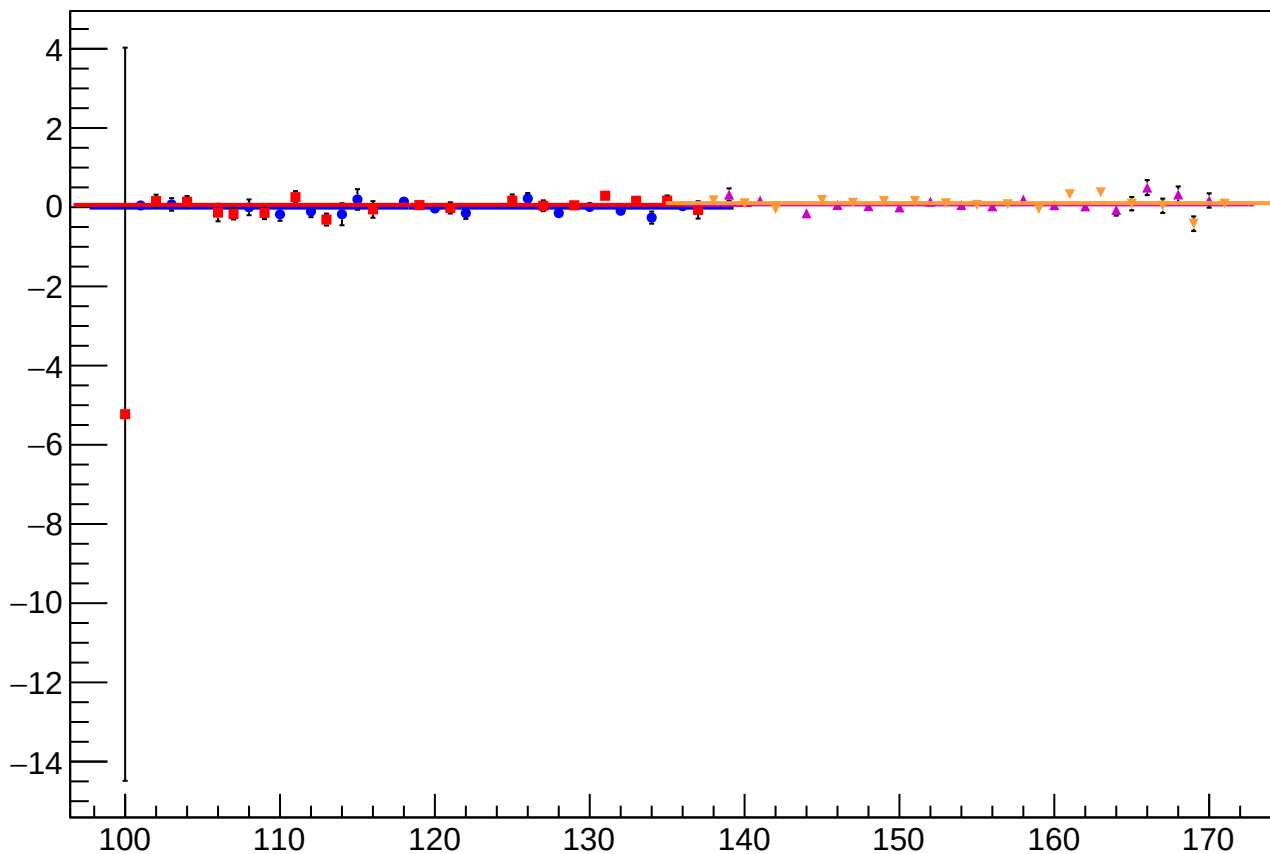
Left In: 0.040 ± 0.029 χ^2/NDF : 23.6/15

+ sign 0.098 ± 0.025 χ^2/NDF : 43.5/32

All: 0.092 ± 0.018 χ^2/NDF : 99.5/66

- sign 0.086 ± 0.026 χ^2/NDF : 55.9/33

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.103 ± 0.025 χ^2/NDF : 22.8/16

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

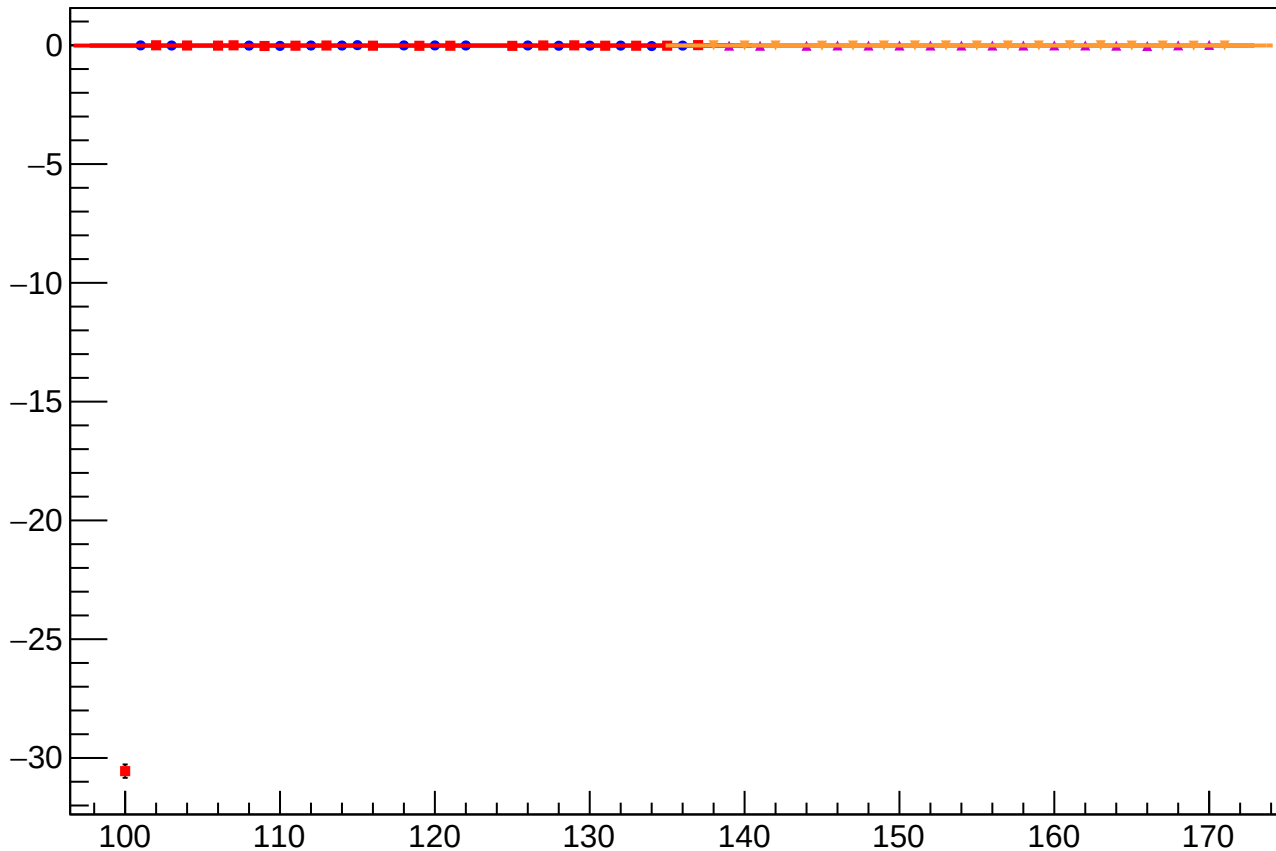
Left In: 0.071 ± 0.025 χ^2/NDF : 22.0/15

+ sign 0.062 ± 0.020 χ^2/NDF : 44.4/32

All: 0.064 ± 0.014 χ^2/NDF : 87.1/66

- sign 0.067 ± 0.020 χ^2/NDF : 42.6/33

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:13.6/16

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

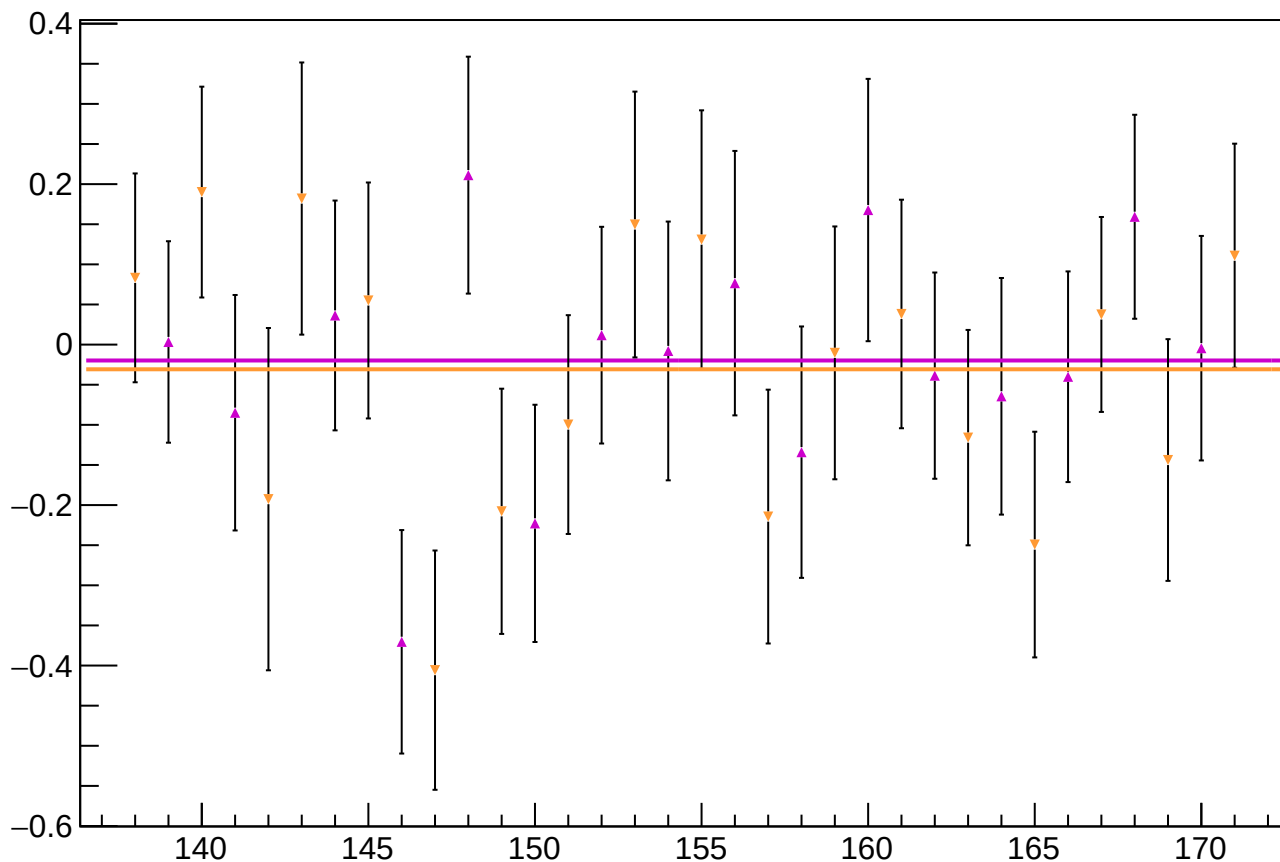
Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:29.7/15

+ sign -0.010 $\pm$ 0.001 χ^2 /NDF: 28.9/32

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11951.8/66

- sign -0.011 $\pm$ 0.001 χ^2 /NDF: 11922.0/33

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.031 $\pm$ 0.035 χ^2 /NDF: 22.5/17

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

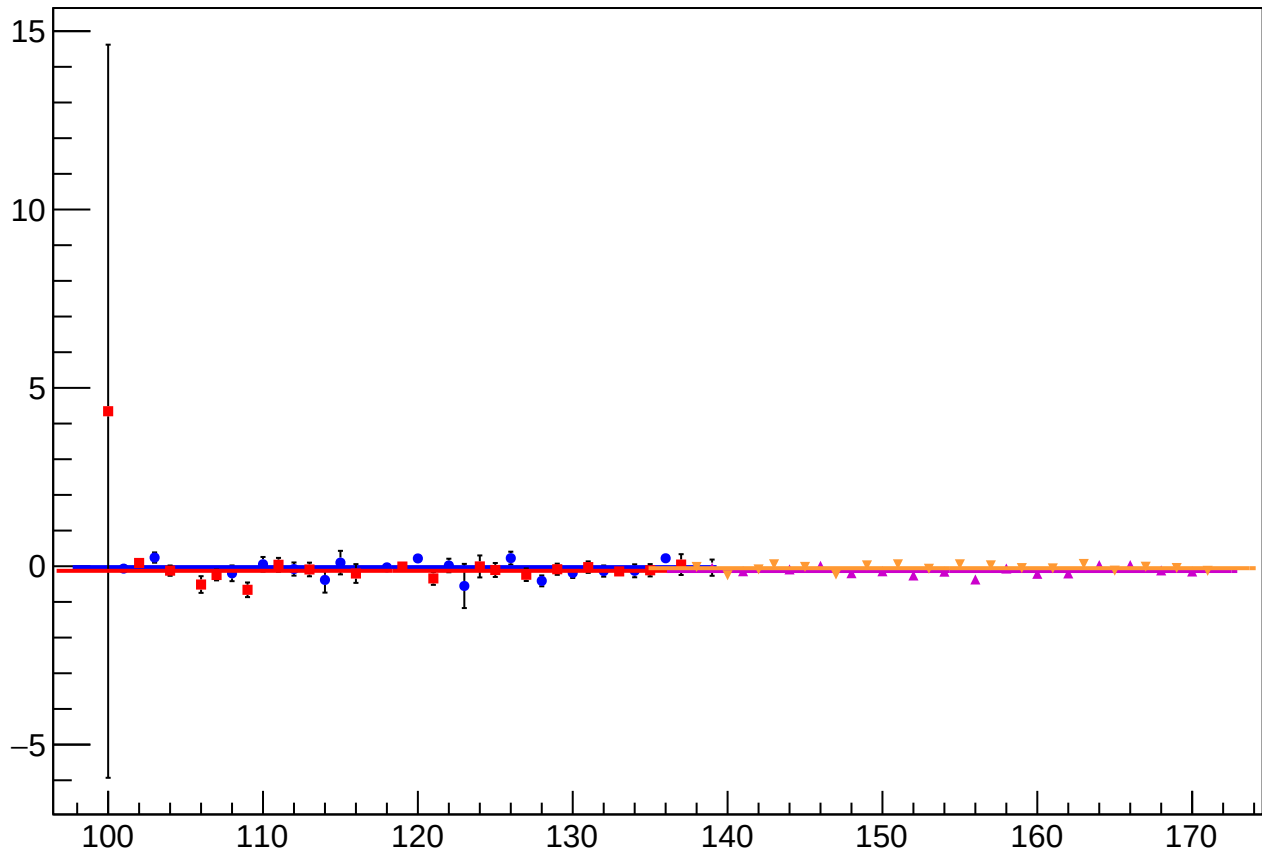
Left In: -0.020 $\pm$ 0.036 χ^2 /NDF: 15.4/15

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

All: -0.025 $\pm$ 0.025 χ^2 /NDF: 38.0/33

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.054 ± 0.025 χ^2/NDF : 17.0/17

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

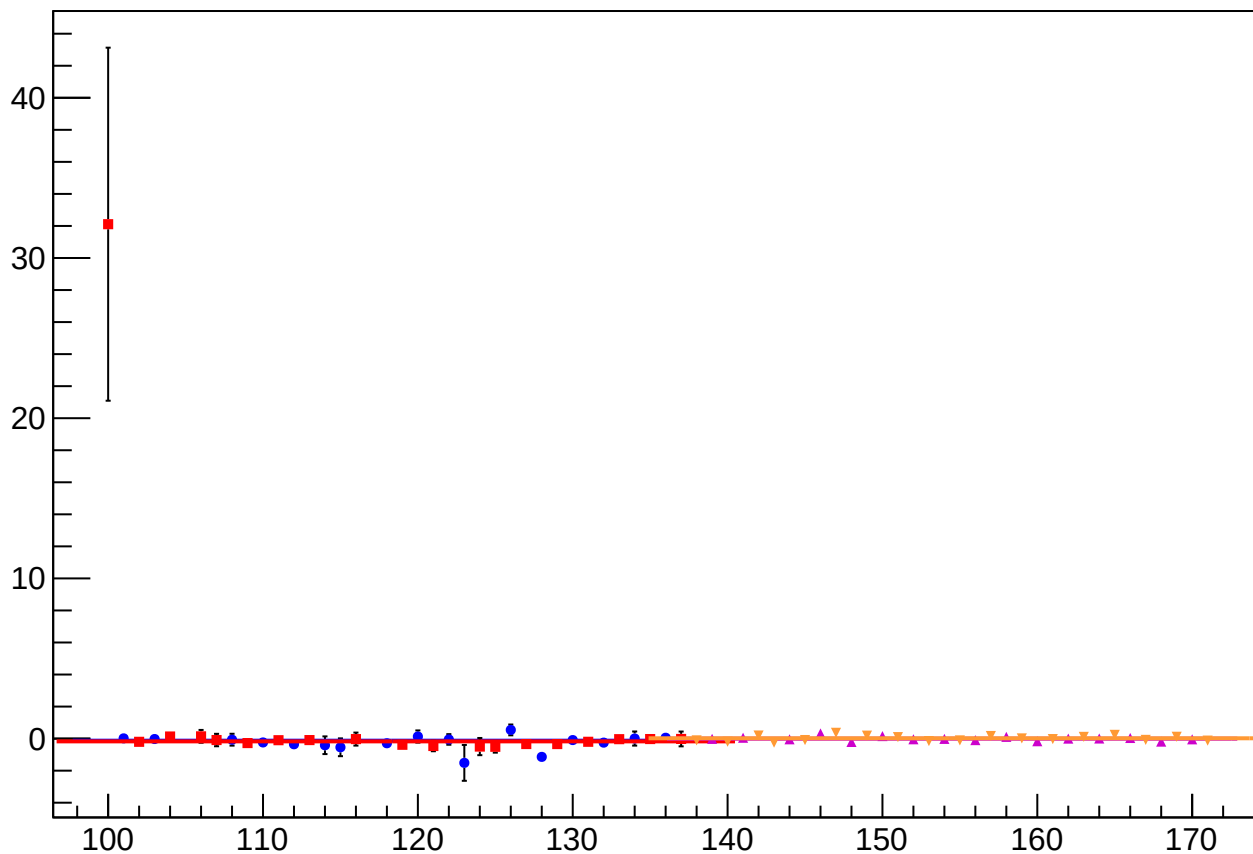
Left In: -0.134 ± 0.026 χ^2/NDF : 15.3/15

+ sign -0.045 ± 0.020 χ^2/NDF : 40.8/34

All: -0.086 ± 0.015 χ^2/NDF : 82.3/69

- sign -0.132 ± 0.022 χ^2/NDF : 32.9/34

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.021 ± 0.034 χ^2/NDF : 22.3/17

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

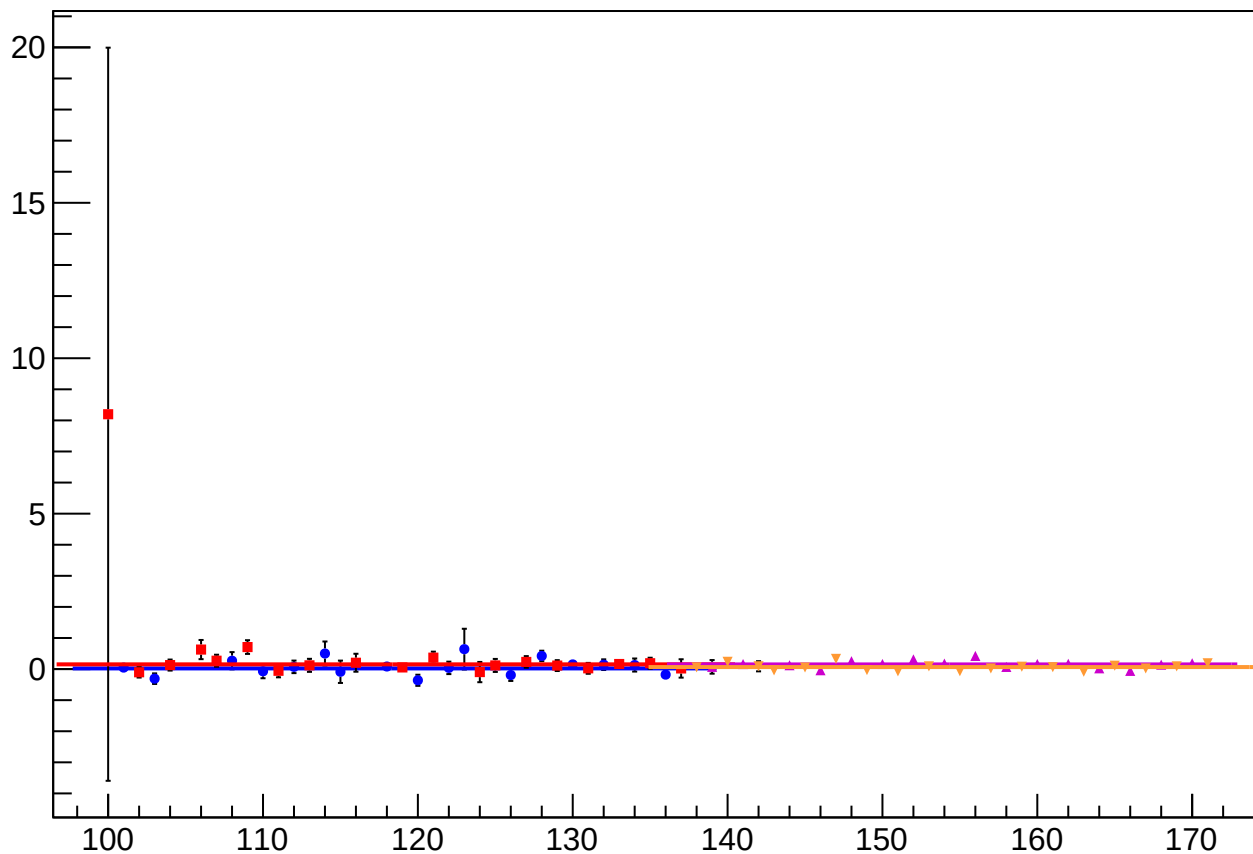
Left In: -0.005 ± 0.035 χ^2/NDF : 14.1/15

+ sign -0.010 ± 0.030 χ^2/NDF : 50.0/34

All: -0.024 ± 0.022 χ^2/NDF : 84.0/69

- sign -0.038 ± 0.031 χ^2/NDF : 33.6/34

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.065 ± 0.029 χ^2/NDF : 16.6/17

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

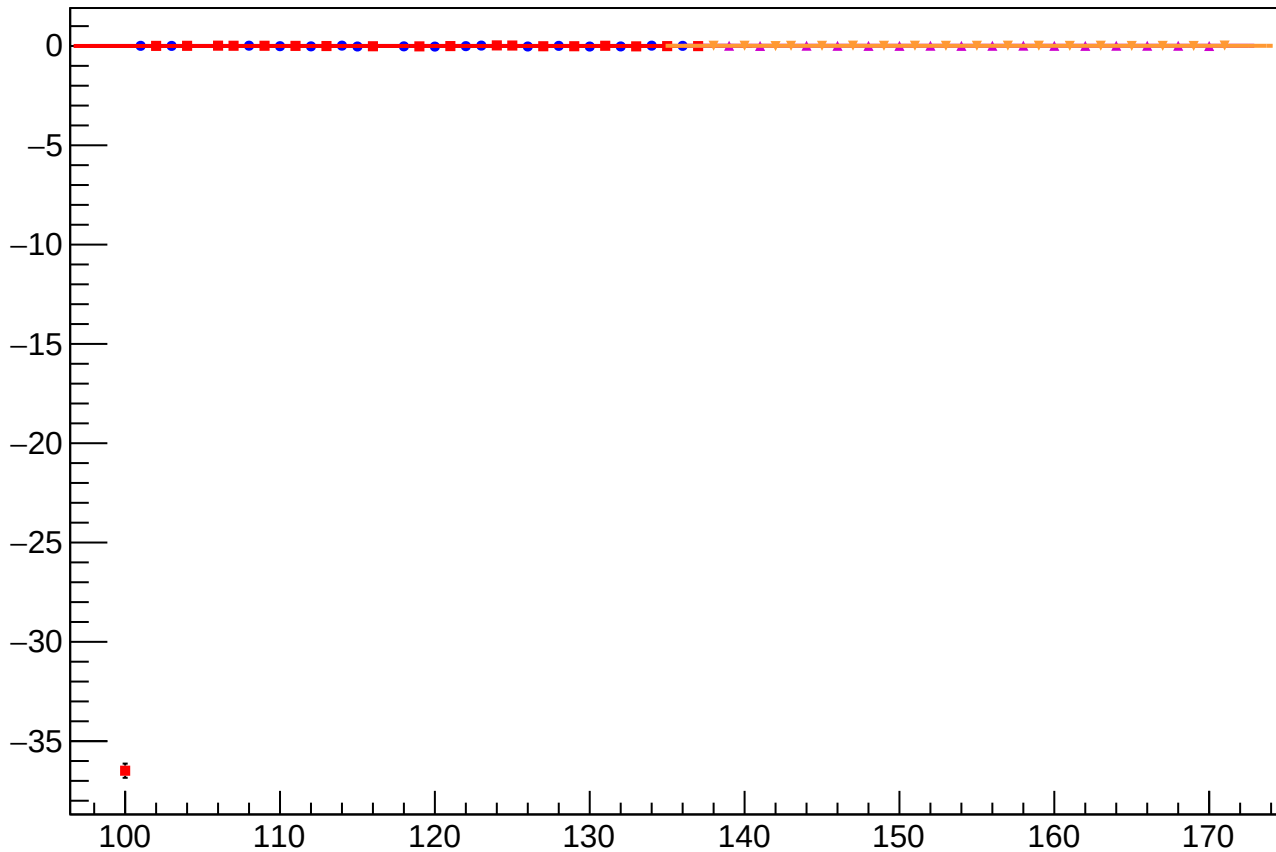
Left In: 0.150 ± 0.030 χ^2/NDF : 15.0/15

+ sign 0.051 ± 0.024 χ^2/NDF : 39.8/34

All: 0.098 ± 0.017 χ^2/NDF : 79.3/69

- sign 0.150 ± 0.025 χ^2/NDF : 31.2/34

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:16.9/17

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

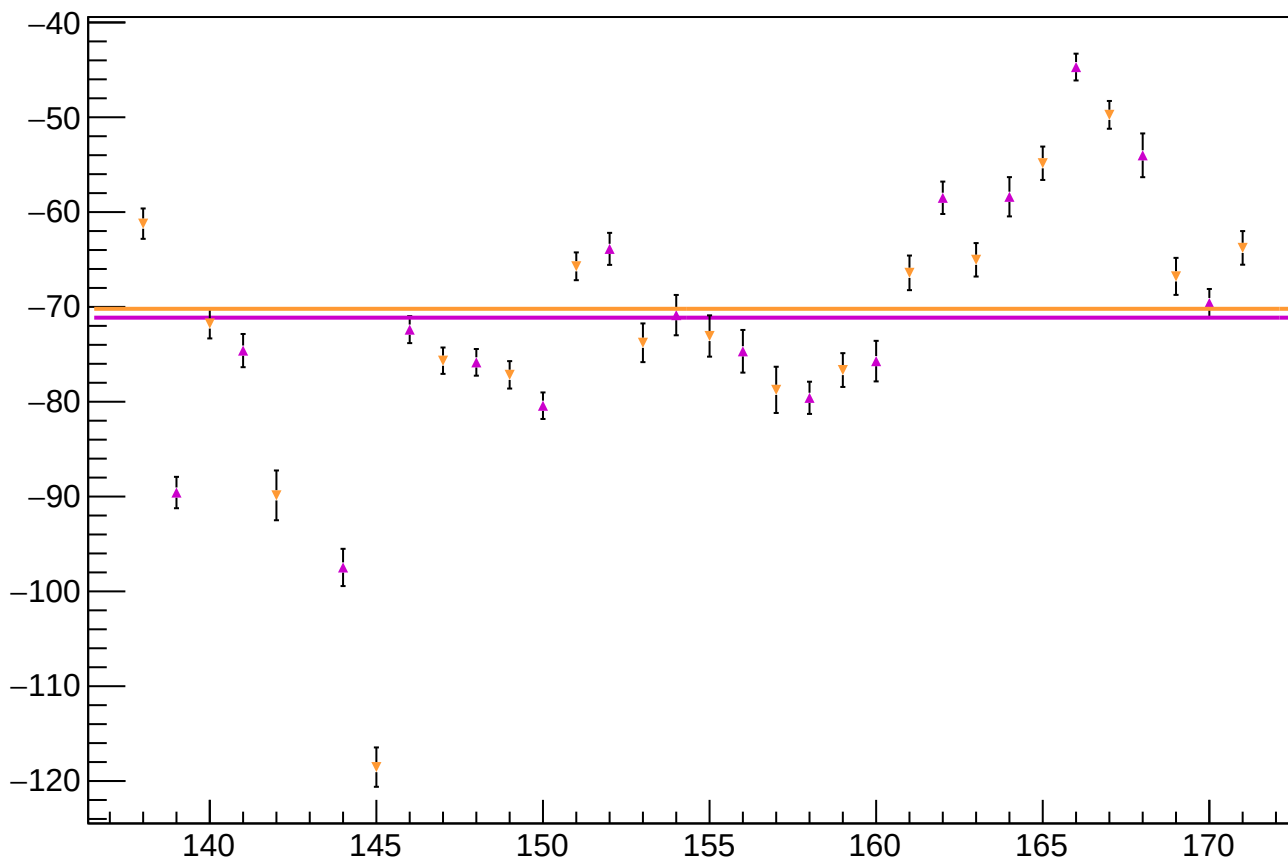
Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:9.8/15

+ sign 0.008 $\pm$ 0.001 χ^2 /NDF: 60.6/34

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10532.8/69

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10472.1/34

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -70.199+/-0.424 χ^2/NDF :1009.0/16

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

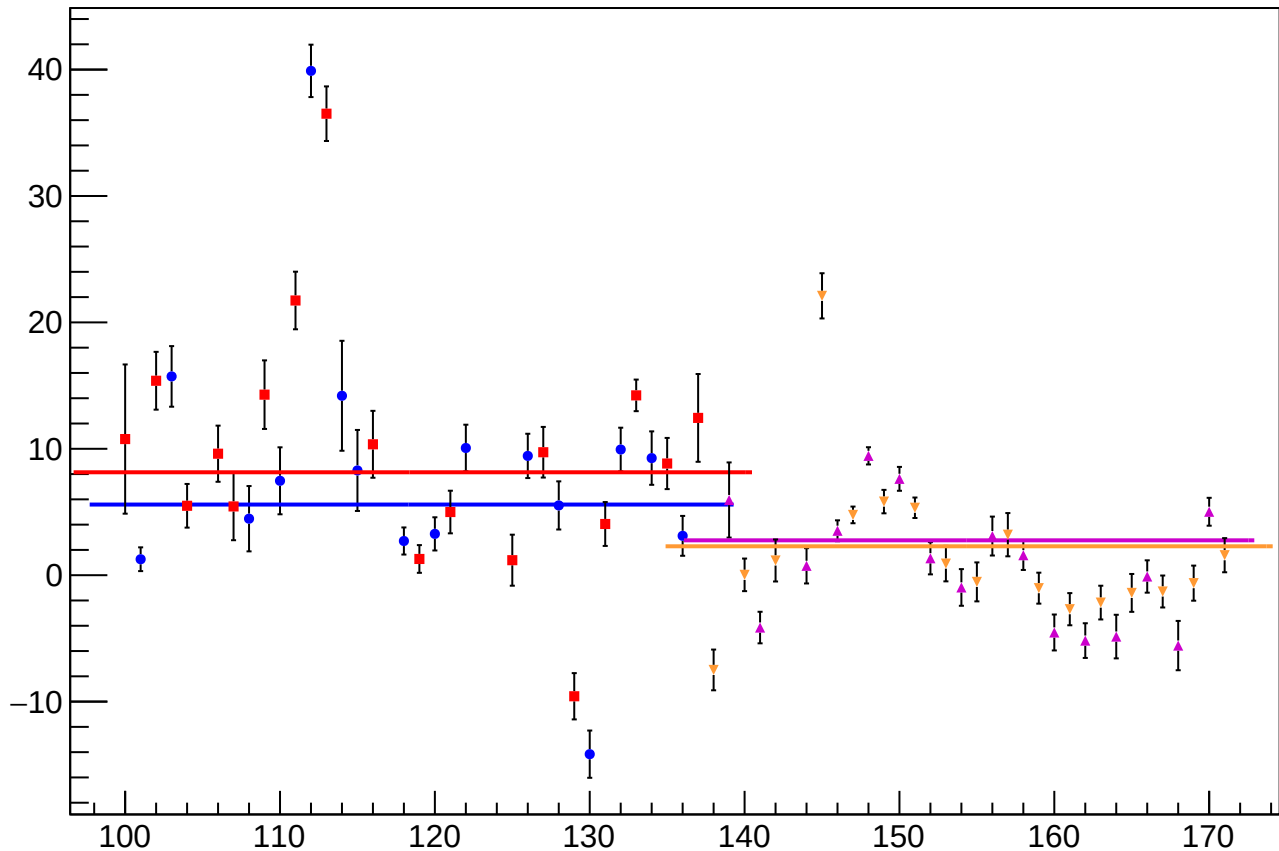
Left In: -71.134+/-0.426 χ^2/NDF :913.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.665+/-0.301 χ^2/NDF : 1924.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 $\chi^2/\text{NDF}: 462.8/15$

Left Out: 2.287 ± 0.290 $\chi^2/\text{NDF}: 263.1/16$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

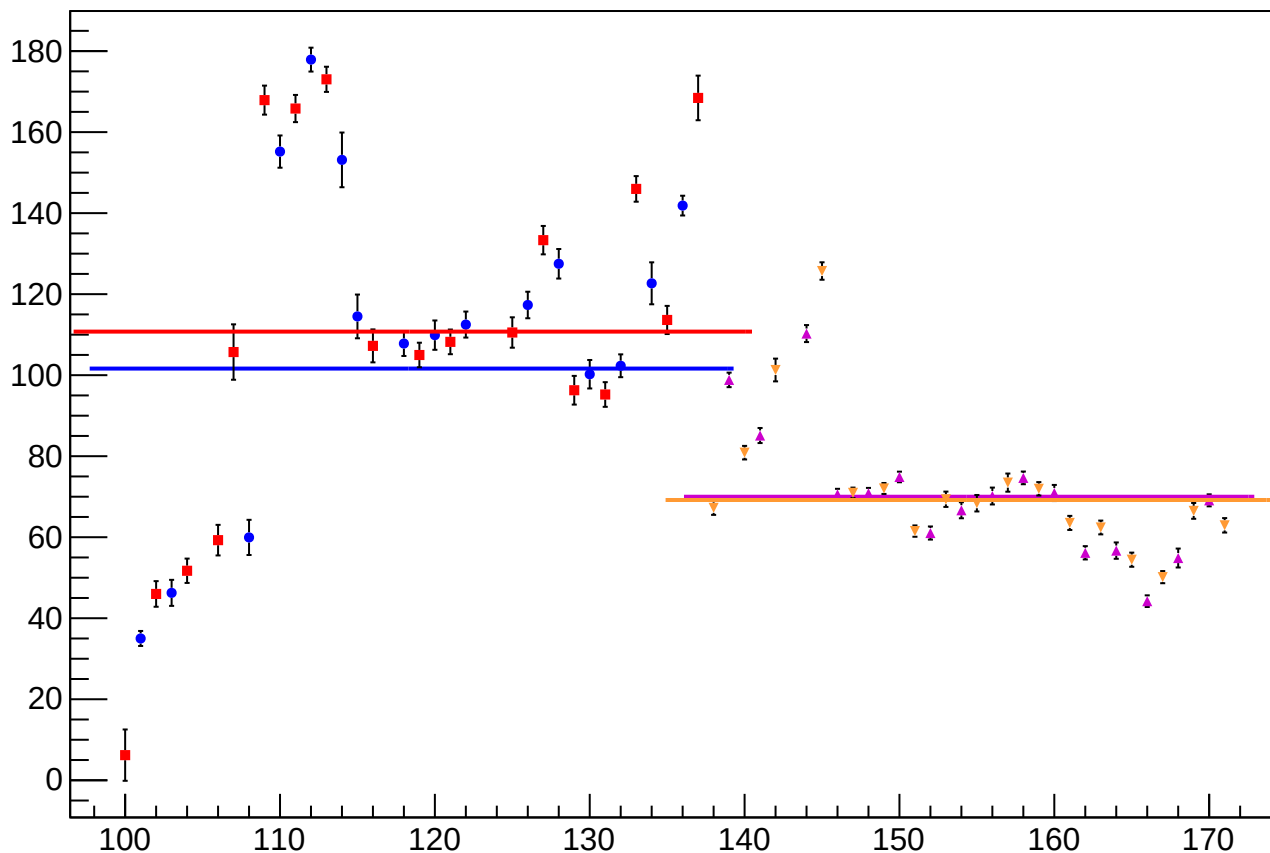
Left In: 2.759 ± 0.297 $\chi^2/\text{NDF}: 272.7/15$

+ sign 3.340 ± 0.239 $\chi^2/\text{NDF}: 767.3/32$

All: 3.838 ± 0.172 $\chi^2/\text{NDF}: 1555.2/66$

- sign 4.377 ± 0.249 $\chi^2/\text{NDF}: 778.9/33$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 69.189 $\pm$ 0.416 χ^2 /NDF:1184.4/16

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

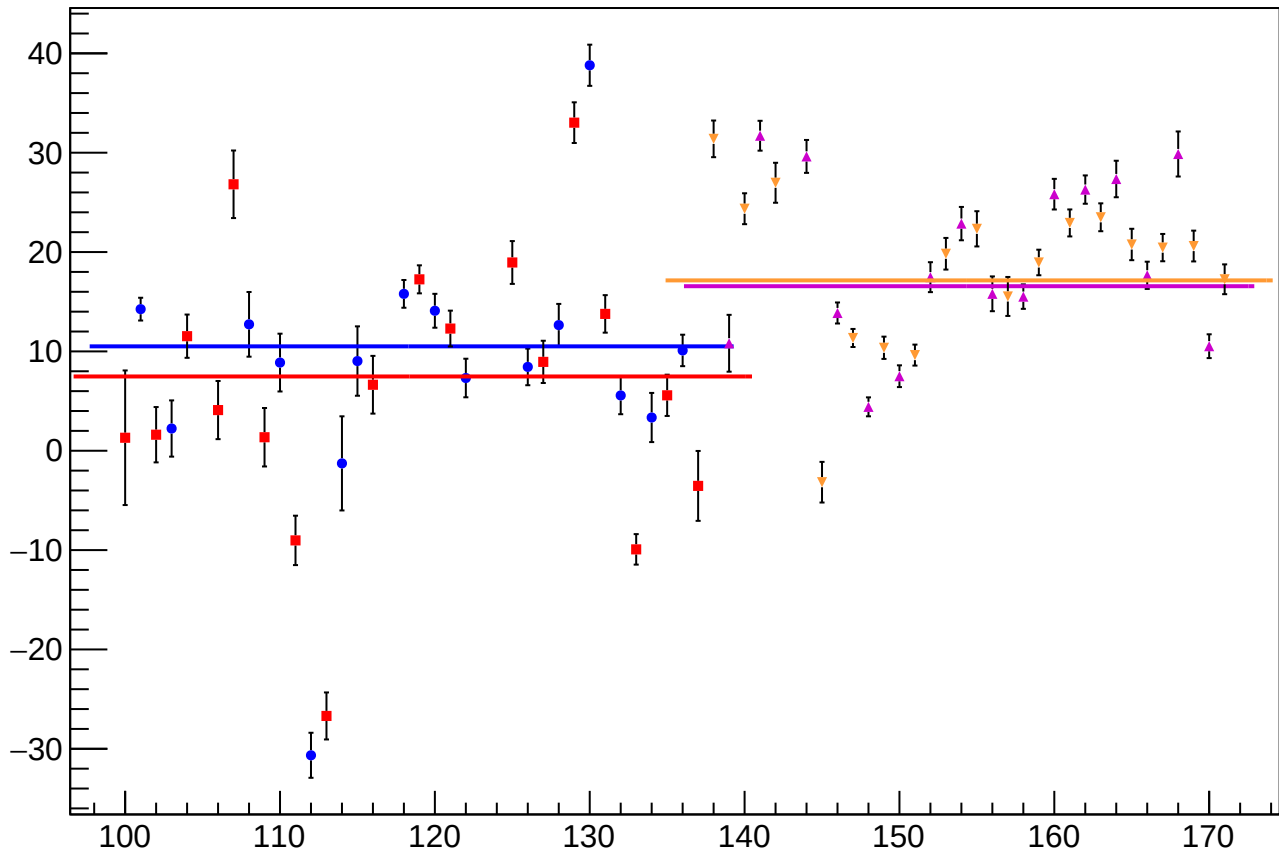
Left In: 69.994 $\pm$ 0.416 χ^2 /NDF:1227.6/15

+ sign 75.990 $\pm$ 0.369 χ^2 /NDF: 5440.8/32

All: 77.020 $\pm$ 0.262 χ^2 /NDF: 11102.7/66

- sign 78.066 $\pm$ 0.372 χ^2 /NDF: 5646.3/33

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 17.147 $\pm$ 0.343 χ^2 /NDF: 400.2/16

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

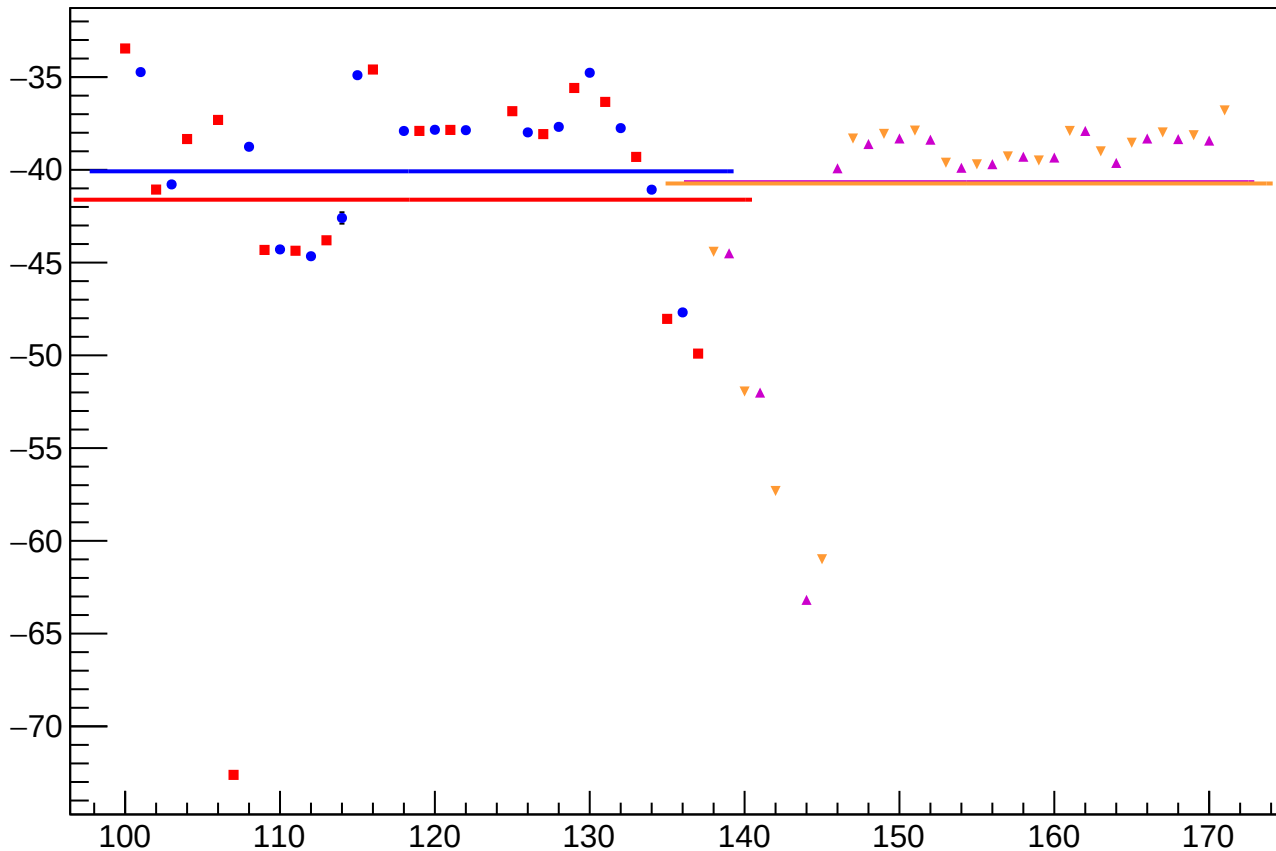
Left In: 16.562 $\pm$ 0.350 χ^2 /NDF: 597.9/15

+ sign 14.978 $\pm$ 0.281 χ^2 /NDF: 1104.3/32

All: 14.390 $\pm$ 0.202 χ^2 /NDF: 2608.5/66

- sign 13.761 $\pm$ 0.291 χ^2 /NDF: 1495.1/33

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -40.735 ± 0.016 χ^2/NDF : 122002.1/16

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

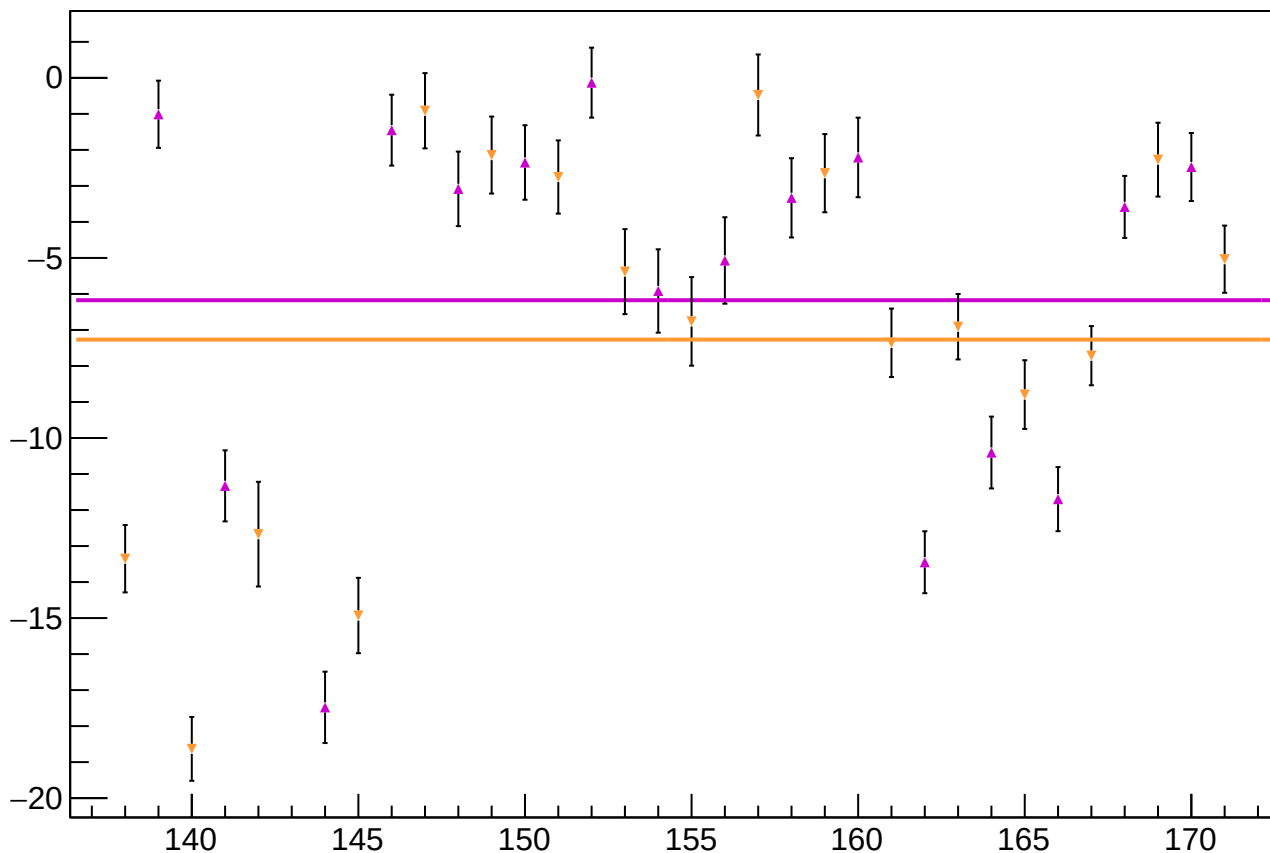
Left In: -40.665 ± 0.016 χ^2/NDF : 97632.7/15

+ sign -40.568 ± 0.014 χ^2/NDF : 147529.2/32

All: -40.734 ± 0.010 χ^2/NDF : 308037.8/66

- sign -40.901 ± 0.014 χ^2/NDF : 160236.7/33

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -7.267 $\pm$ 0.246 χ^2 /NDF:443.5/16

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

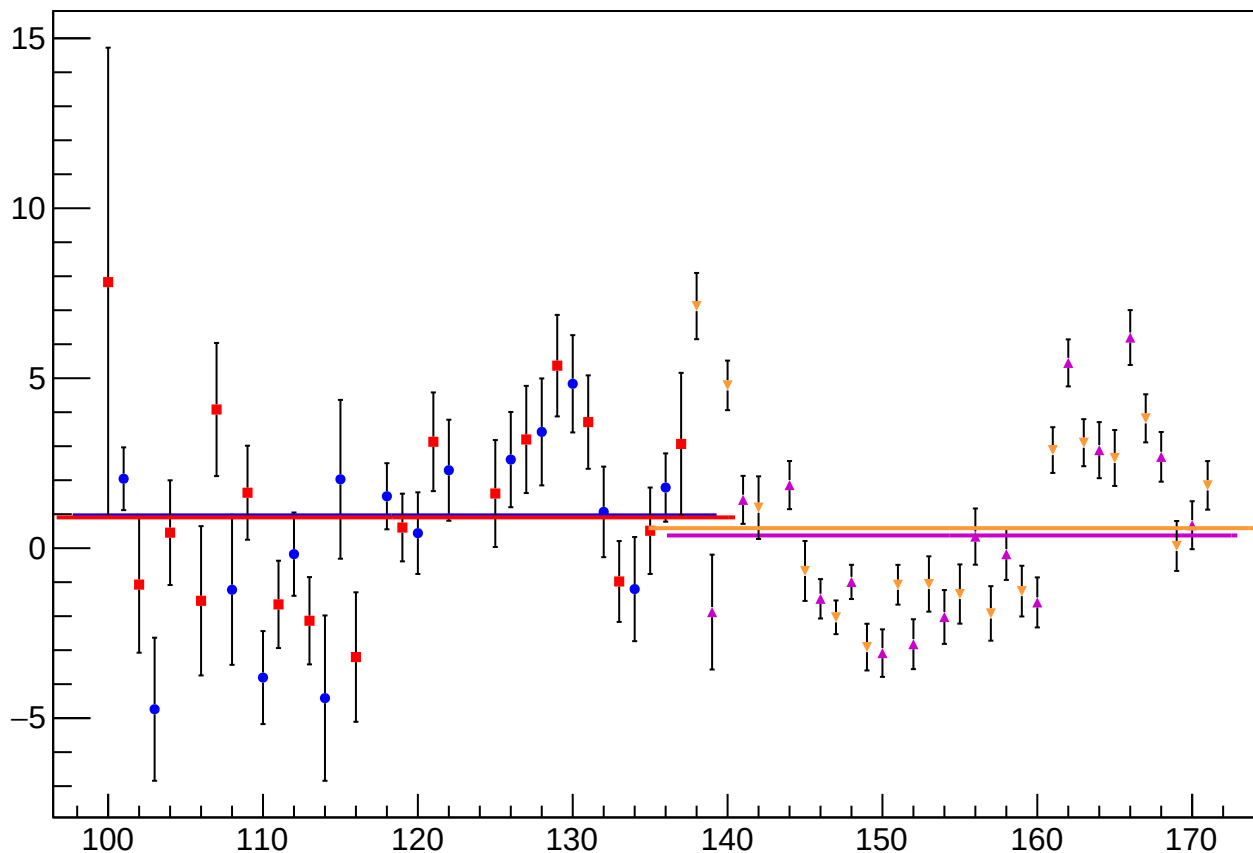
Left In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15

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

All: -6.724 $\pm$ 0.174 χ^2 /NDF: 898.6/32

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

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 0.589 ± 0.176 χ^2/NDF : 223.3/16

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

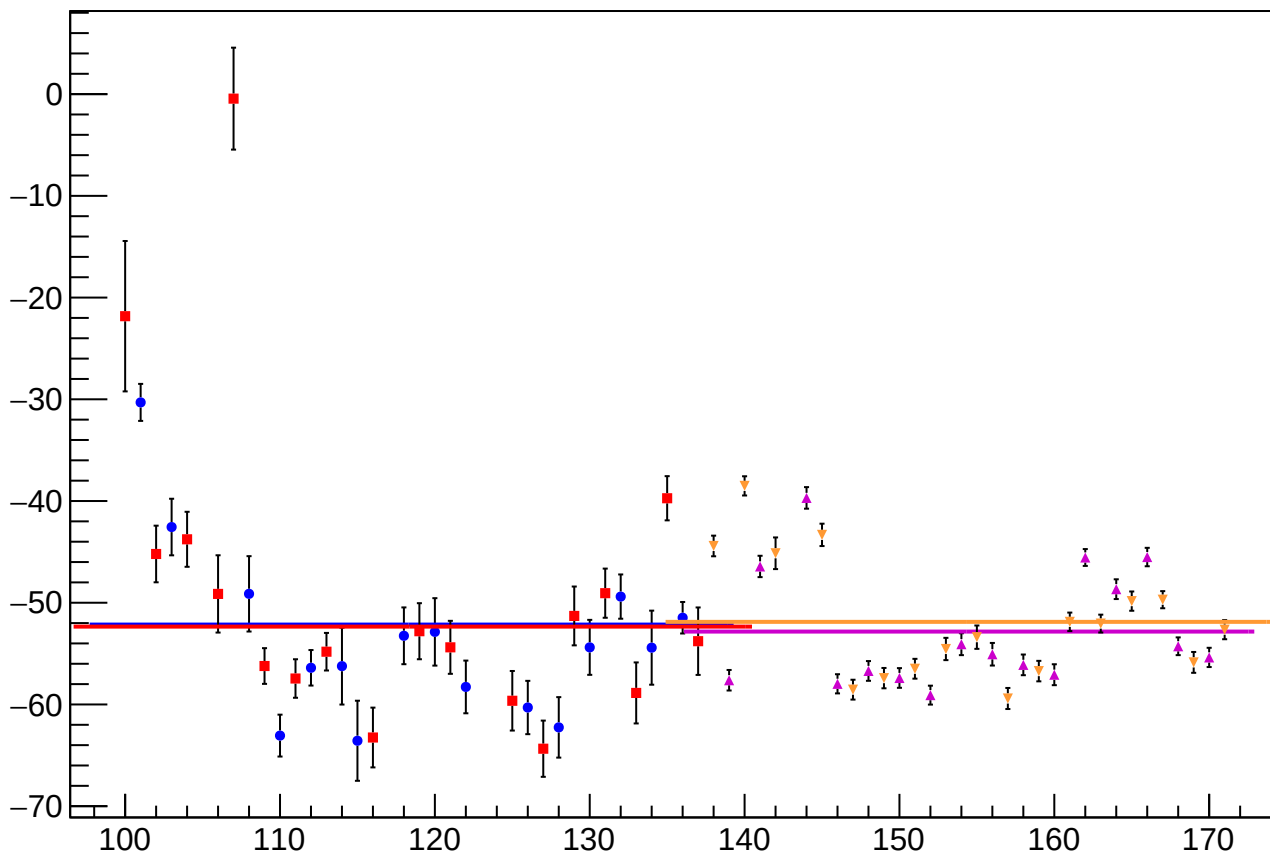
Left In: 0.374 ± 0.180 χ^2/NDF : 211.8/15

+ sign 0.669 ± 0.156 χ^2/NDF : 267.2/32

All: 0.579 ± 0.112 χ^2/NDF : 523.5/66

- sign 0.484 ± 0.161 χ^2/NDF : 255.6/33

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 $\chi^2/\text{NDF}: 230.2/15$

Left Out: -51.880 ± 0.242 $\chi^2/\text{NDF}: 544.3/16$

Right Out: -52.346 ± 0.616 $\chi^2/\text{NDF}: 235.7/17$

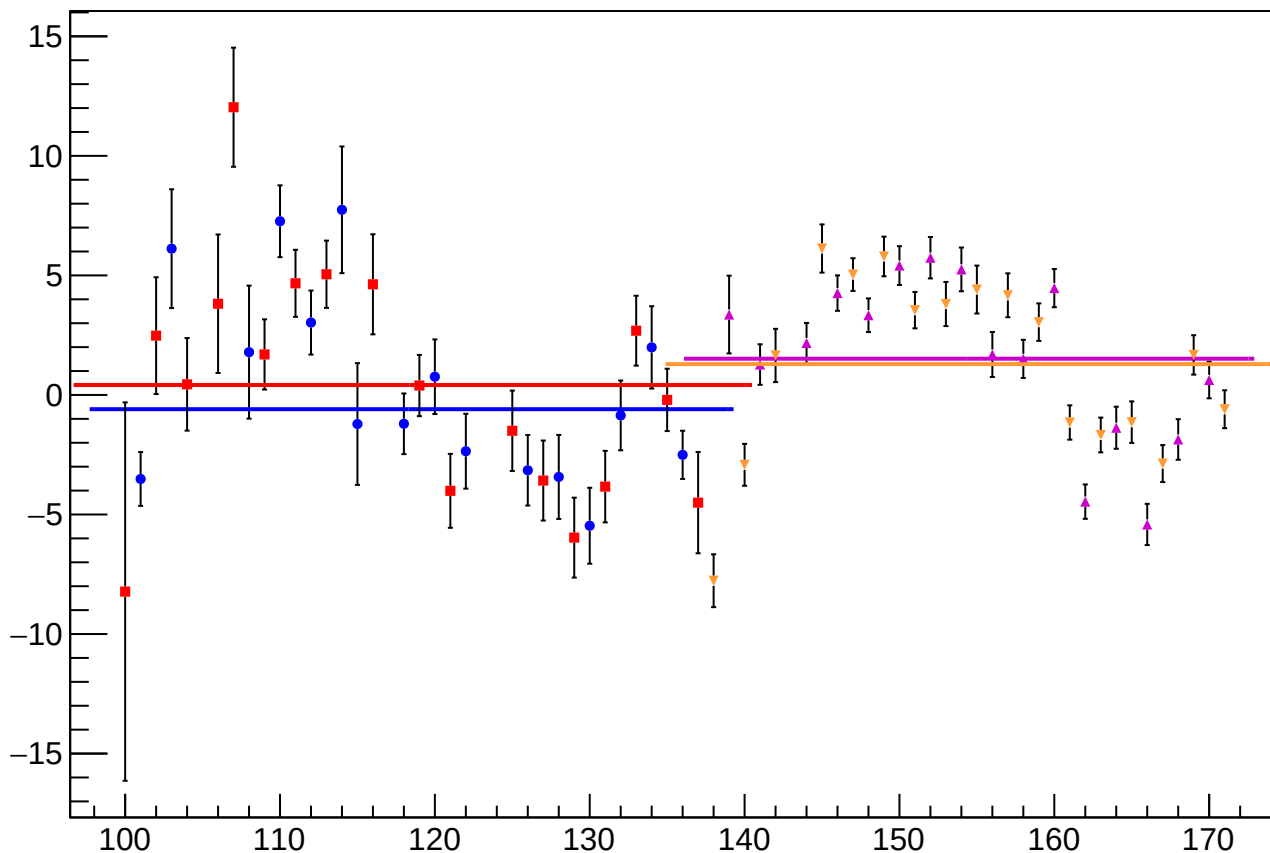
Left In: -52.835 ± 0.243 $\chi^2/\text{NDF}: 530.3/15$

+ sign -51.916 ± 0.225 $\chi^2/\text{NDF}: 774.7/32$

All: -52.341 ± 0.159 $\chi^2/\text{NDF}: 1548.4/66$

- sign -52.769 ± 0.226 $\chi^2/\text{NDF}: 766.5/33$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.289 ± 0.204 χ^2/NDF : 284.7/16

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

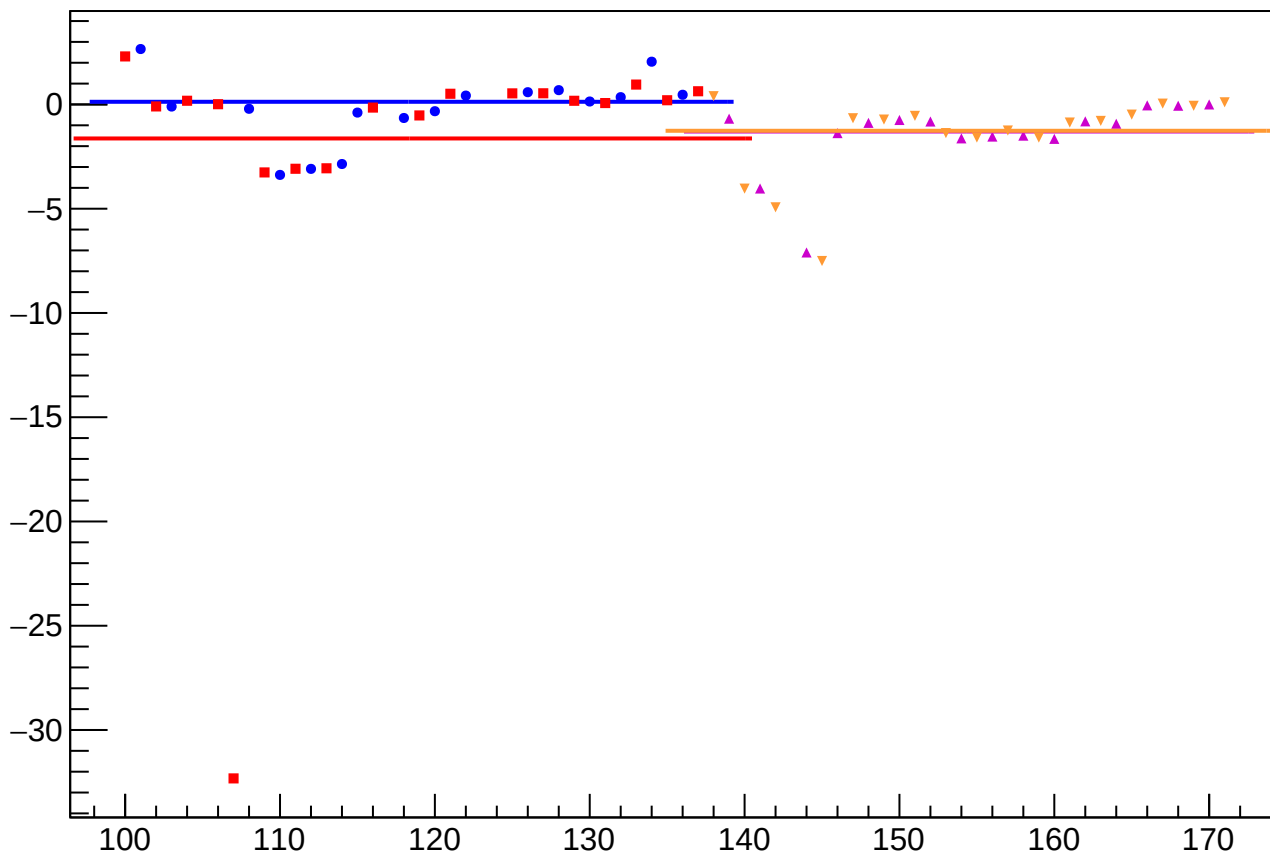
Left In: 1.516 ± 0.208 χ^2/NDF : 261.3/15

+ sign 0.875 ± 0.180 χ^2/NDF : 386.1/32

All: 1.072 ± 0.129 χ^2/NDF : 751.5/66

- sign 1.281 ± 0.185 χ^2/NDF : 363.0/33

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -1.262 ± 0.009 $\chi^2/\text{NDF}: 36310.9/16$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

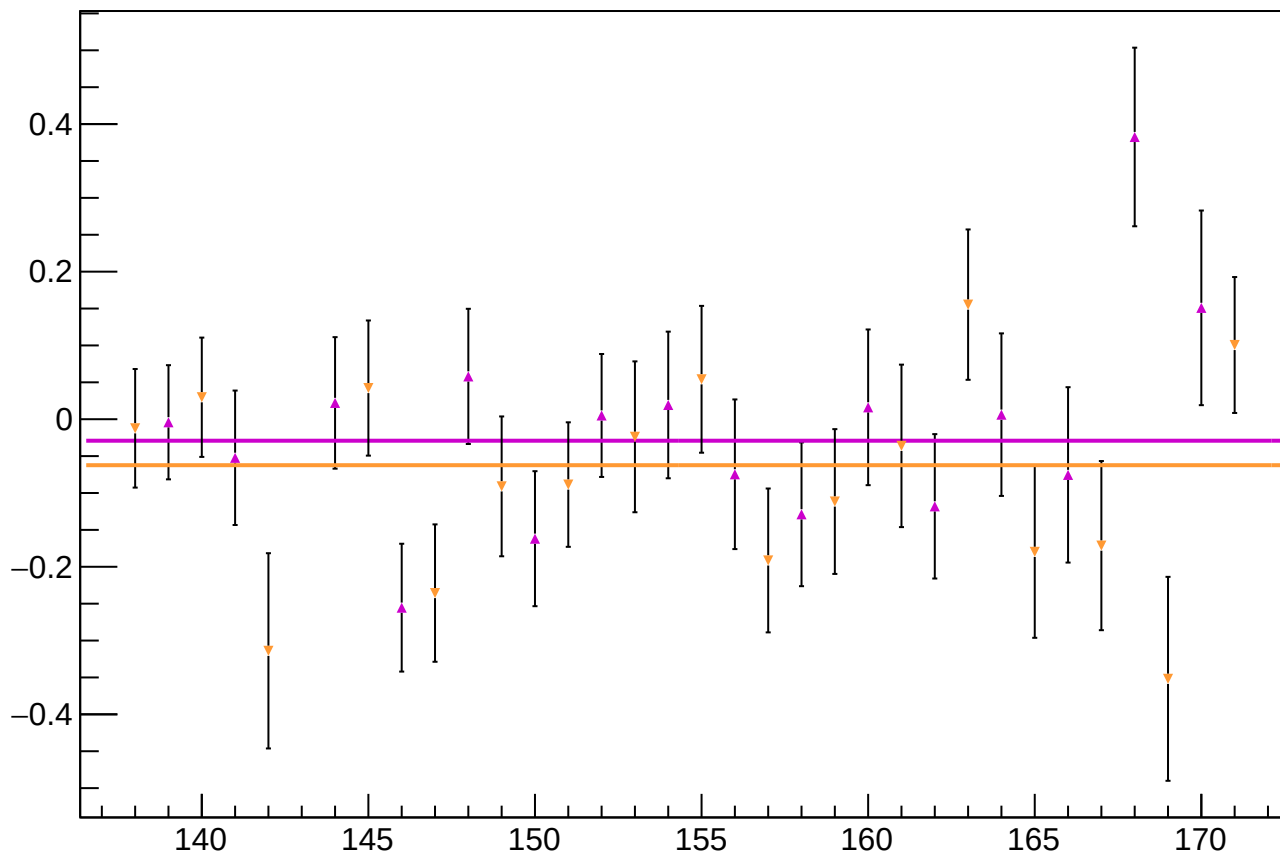
Left In: -1.298 ± 0.010 $\chi^2/\text{NDF}: 24955.7/15$

+ sign -1.038 ± 0.009 $\chi^2/\text{NDF}: 45074.4/32$

All: -1.193 ± 0.006 $\chi^2/\text{NDF}: 148754.8/66$

- sign -1.351 ± 0.009 $\chi^2/\text{NDF}: 103030.7/33$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.062+/-0.024 χ^2/NDF : 27.8/16

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

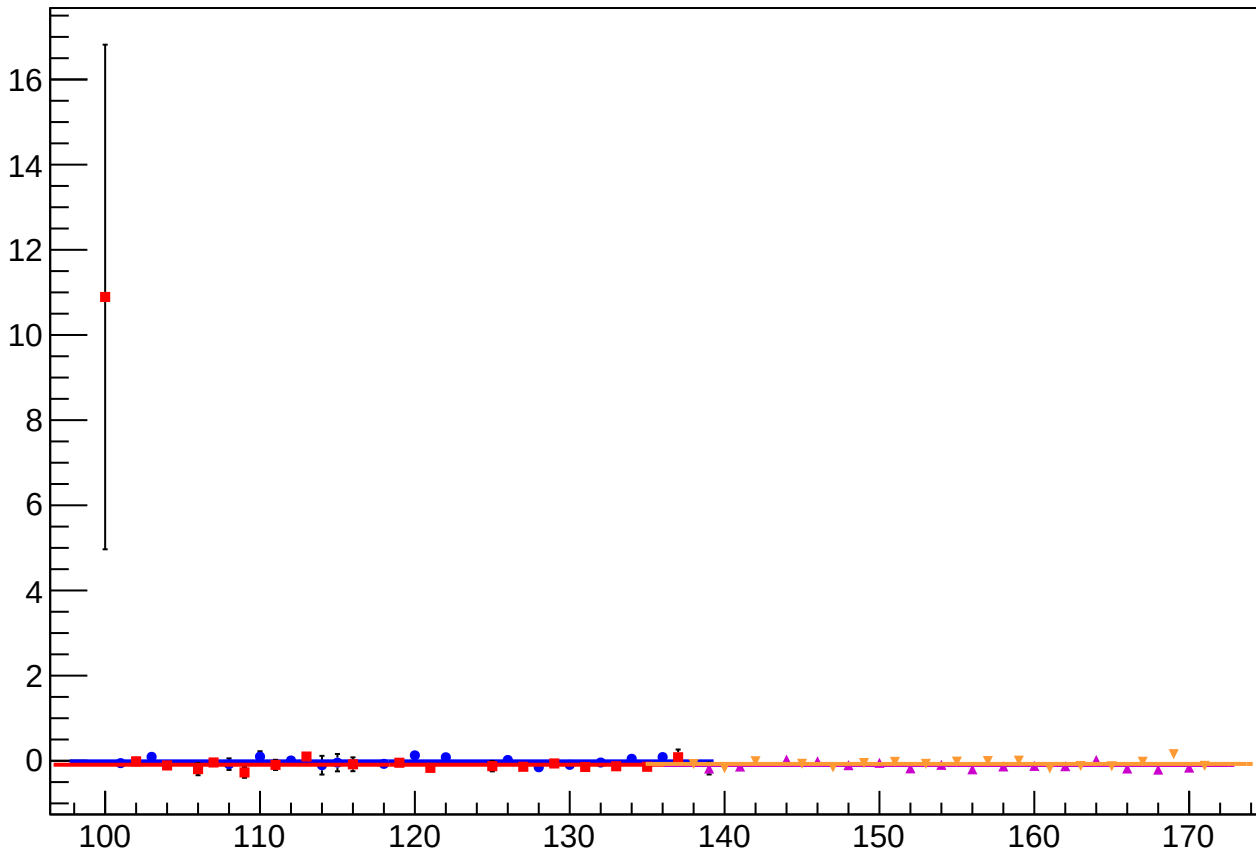
Left In: -0.029+/-0.024 χ^2/NDF : 26.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.017 χ^2/NDF : 55.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.073 ± 0.017 χ^2/NDF : 18.8/16

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

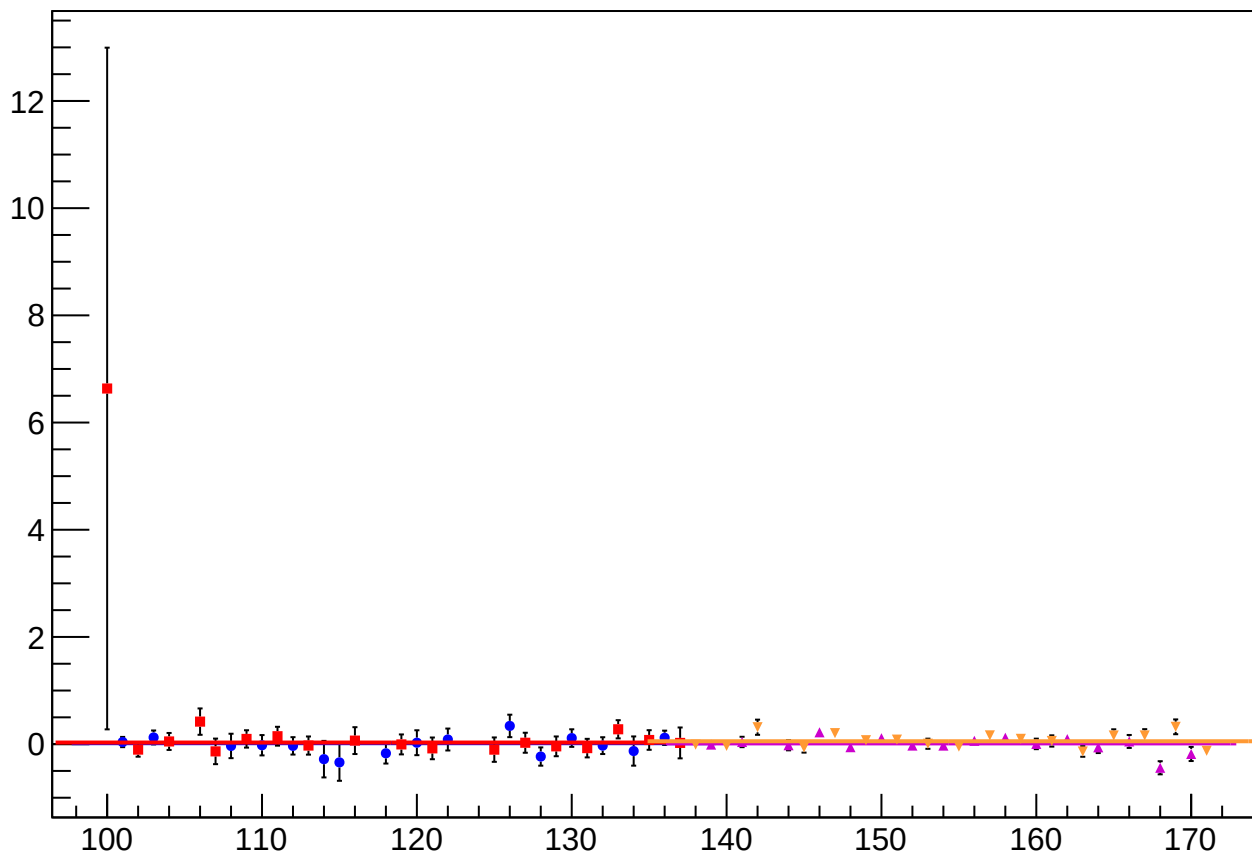
Left In: -0.099 ± 0.017 χ^2/NDF : 16.0/15

+ sign -0.053 ± 0.014 χ^2/NDF : 35.5/32

All: -0.074 ± 0.010 χ^2/NDF : 69.1/66

- sign -0.097 ± 0.014 χ^2/NDF : 28.7/33

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.054 $\pm$ 0.023 χ^2 /NDF:25.7/16

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

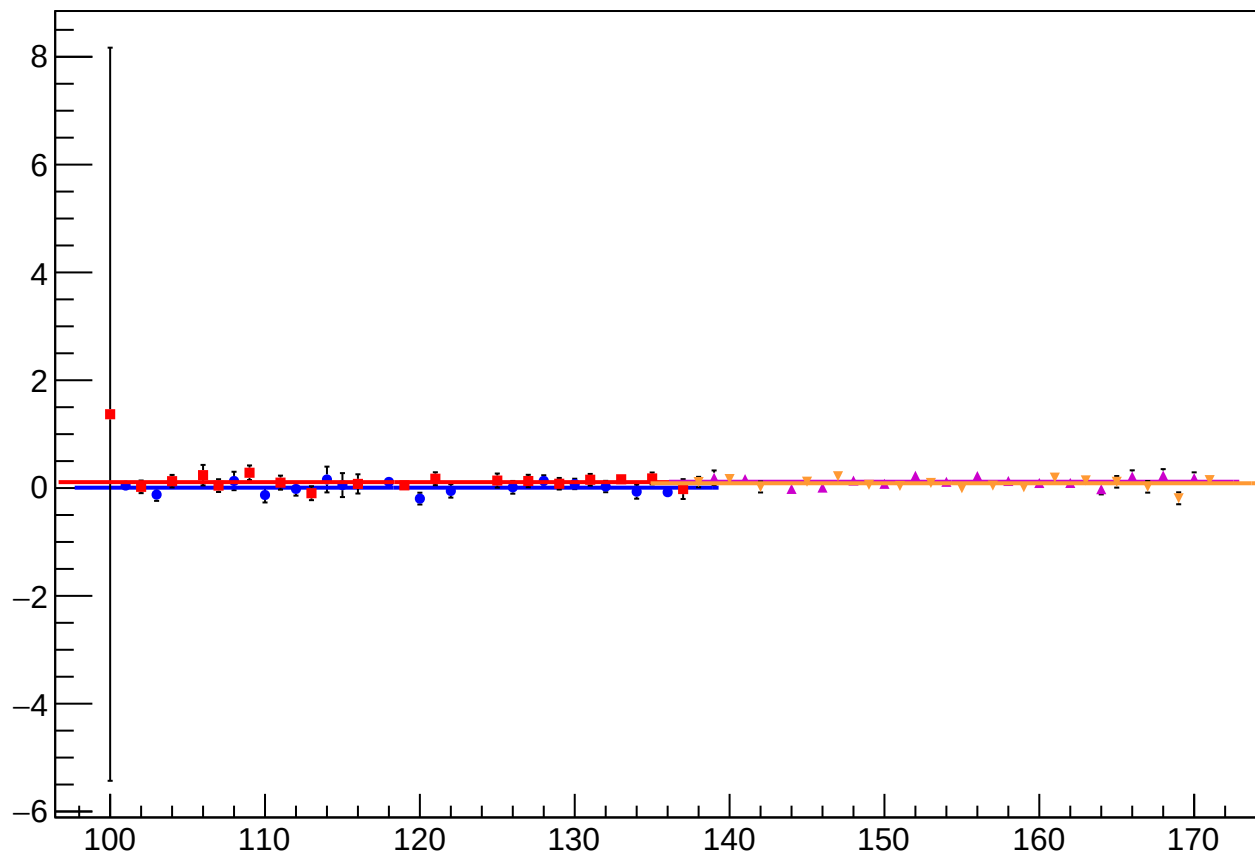
Left In: 0.014 $\pm$ 0.024 χ^2 /NDF:27.8/15

+ sign 0.045 $\pm$ 0.021 χ^2 /NDF: 35.9/32

All: 0.031 $\pm$ 0.015 χ^2 /NDF: 74.0/66

- sign 0.017 $\pm$ 0.021 χ^2 /NDF: 37.1/33

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.089 $\pm$ 0.020 χ^2 /NDF: 18.9/16

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

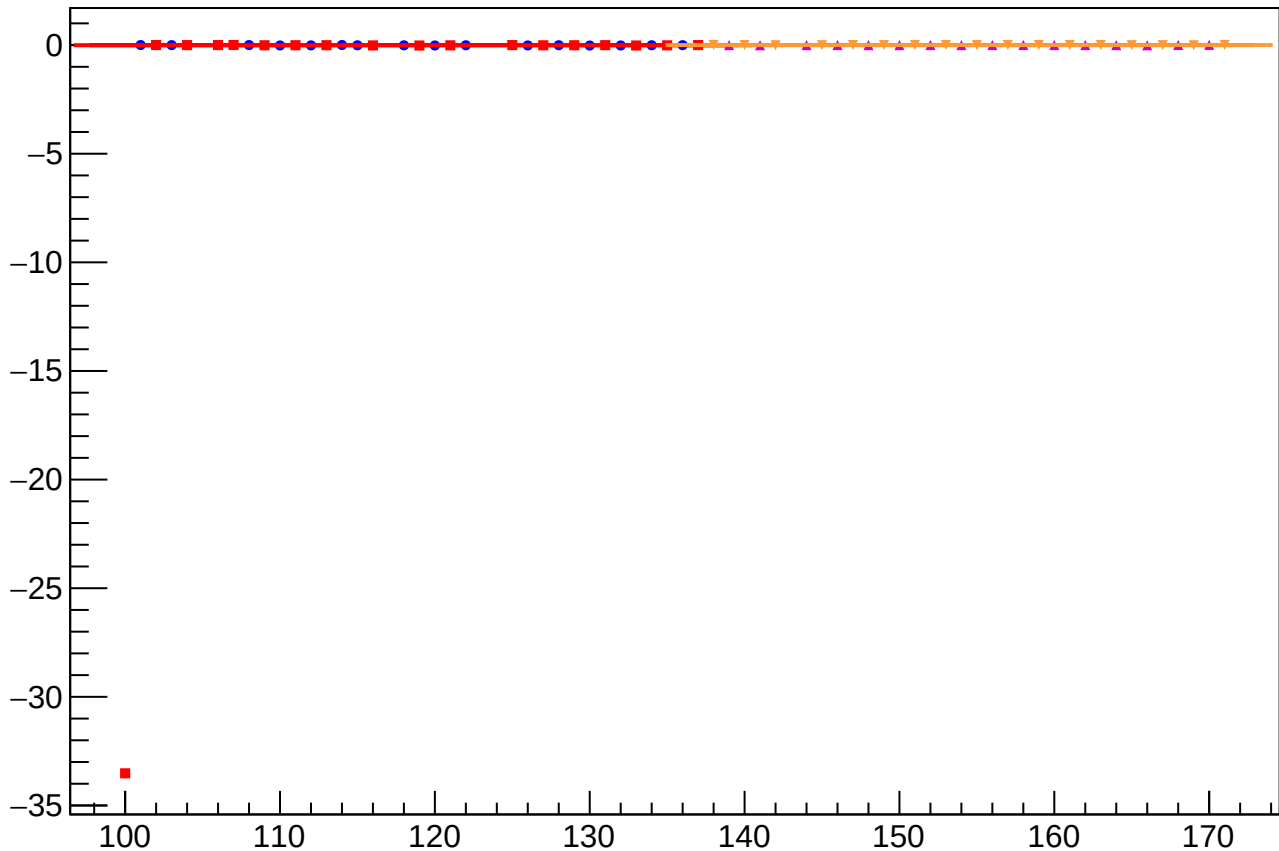
Left In: 0.117 $\pm$ 0.020 χ^2 /NDF: 15.1/15

+ sign 0.060 $\pm$ 0.016 χ^2 /NDF: 37.0/32

All: 0.086 $\pm$ 0.011 χ^2 /NDF: 65.8/66

- sign 0.115 $\pm$ 0.017 χ^2 /NDF: 23.2/33

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF: 17.5/16

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

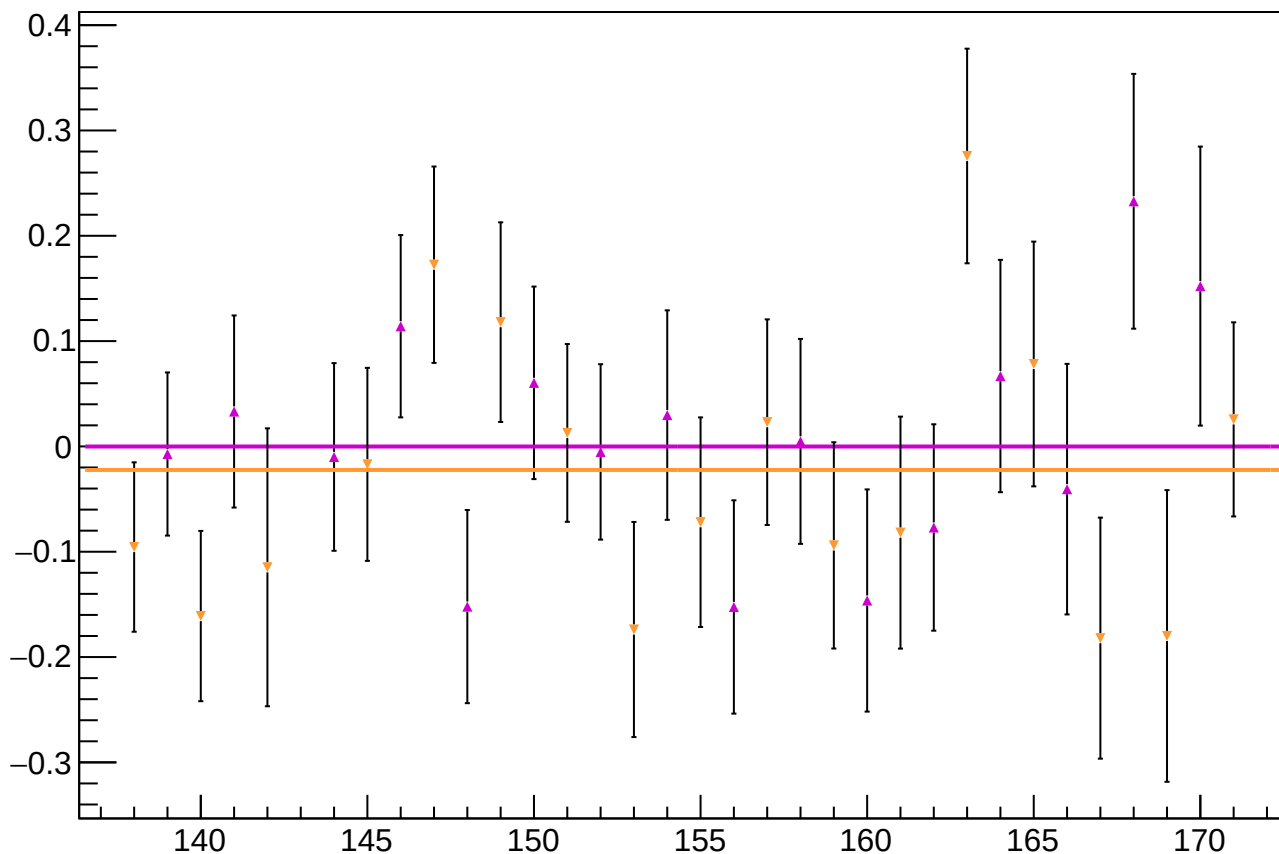
Left In: 0.000 $\pm$ 0.001 χ^2 /NDF: 14.8/15

+ sign -0.001 $\pm$ 0.001 χ^2 /NDF: 54.9/32

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26592.4/66

- sign -0.001 $\pm$ 0.001 χ^2 /NDF: 26537.2/33

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.022 $\pm$ 0.024 χ^2 /NDF: 27.3/16

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

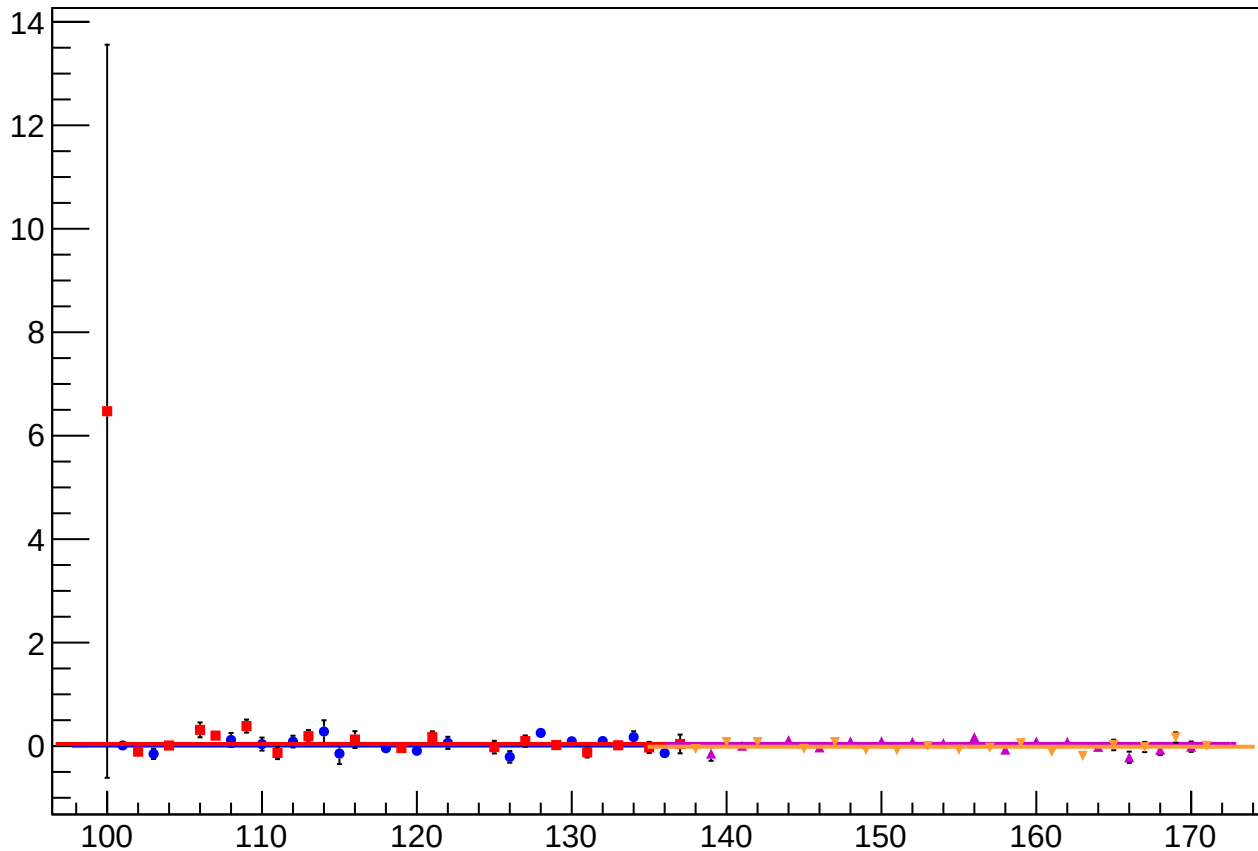
Left In: -0.000 $\pm$ 0.024 χ^2 /NDF: 15.5/15

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

All: -0.011 $\pm$ 0.017 χ^2 /NDF: 43.2/32

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.013 ± 0.017 χ^2/NDF : 23.0/16

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

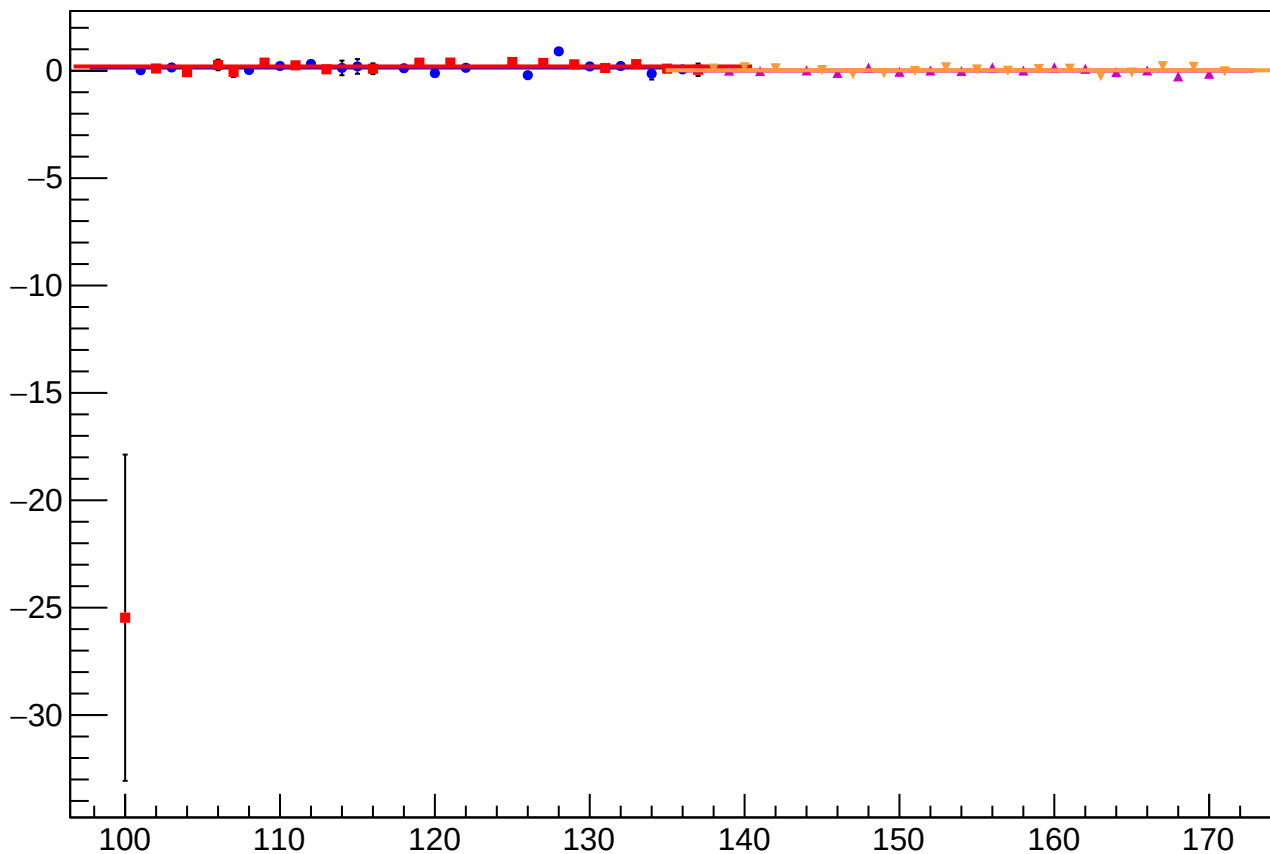
Left In: 0.042 ± 0.017 χ^2/NDF : 21.9/15

+ sign -0.005 ± 0.014 χ^2/NDF : 49.1/32

All: 0.017 ± 0.010 χ^2/NDF : 104.3/66

- sign 0.041 ± 0.014 χ^2/NDF : 49.8/33

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.022 $\pm$ 0.023 χ^2 /NDF: 26.7/16

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

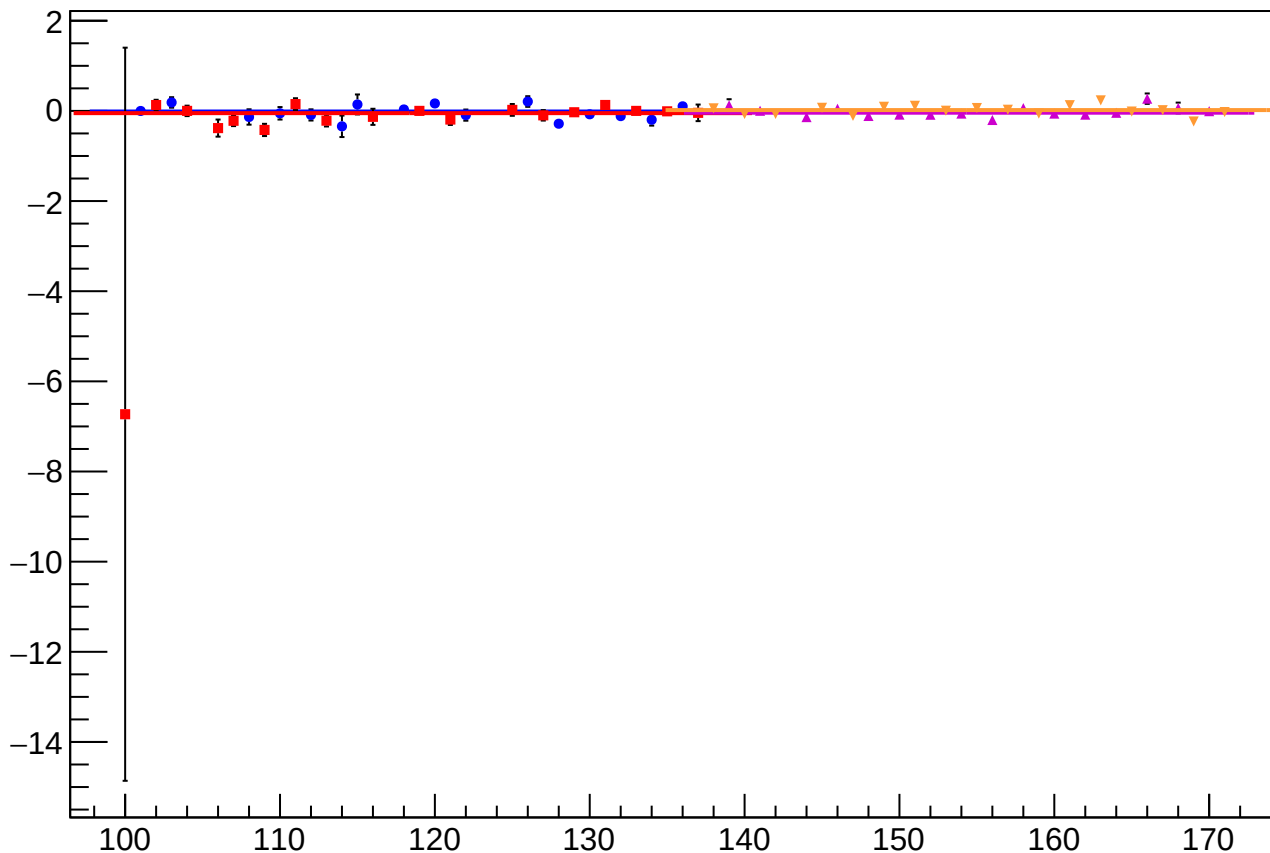
Left In: 0.009 $\pm$ 0.024 χ^2 /NDF: 17.2/15

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 62.6/32

All: 0.051 $\pm$ 0.015 χ^2 /NDF: 116.8/66

- sign 0.051 $\pm$ 0.021 χ^2 /NDF: 54.2/33

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.018 ± 0.020 χ^2/NDF : 26.0/16

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

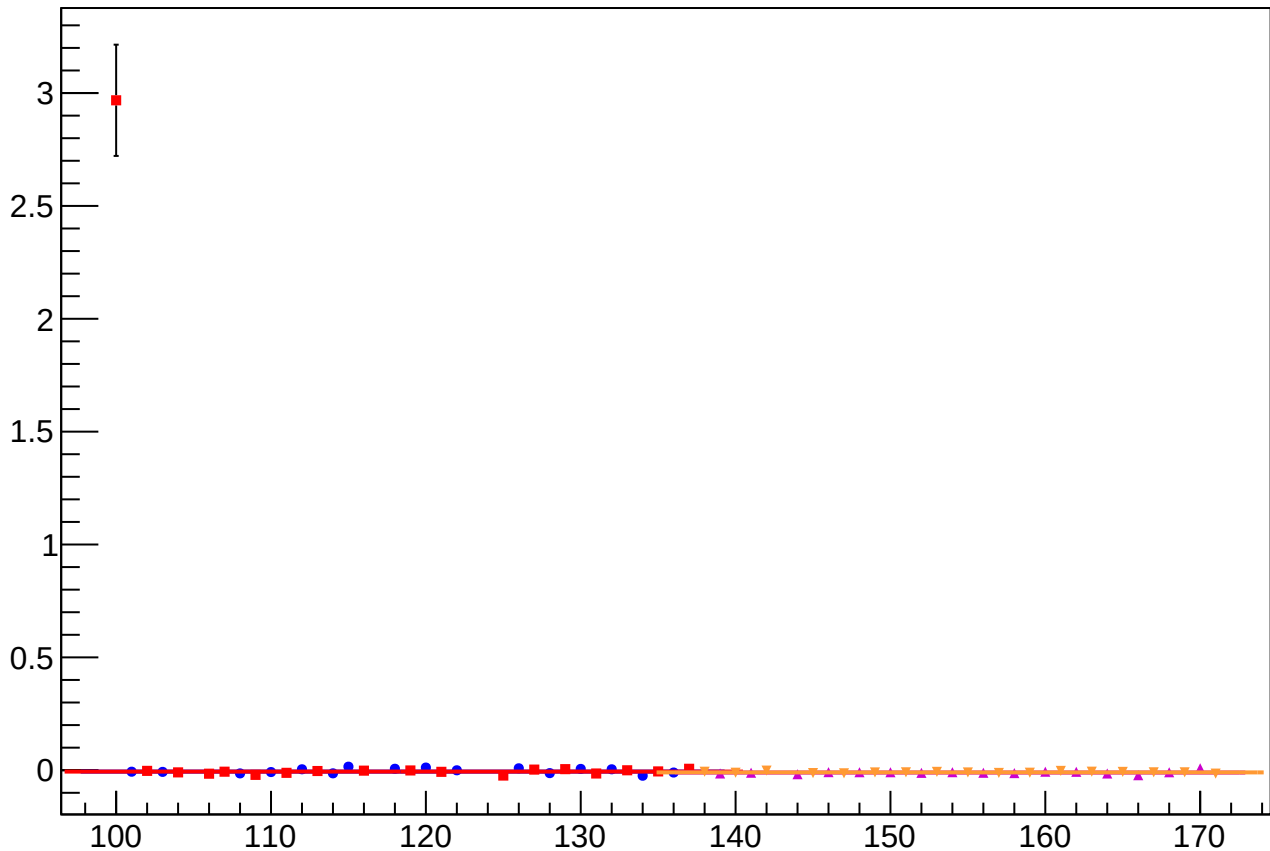
Left In: -0.040 ± 0.020 χ^2/NDF : 22.1/15

+ sign 0.007 ± 0.016 χ^2/NDF : 52.0/32

All: -0.017 ± 0.011 χ^2/NDF : 104.8/66

- sign -0.043 ± 0.017 χ^2/NDF : 47.9/33

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.010 ± 0.001 χ^2/NDF : 12.2/16

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

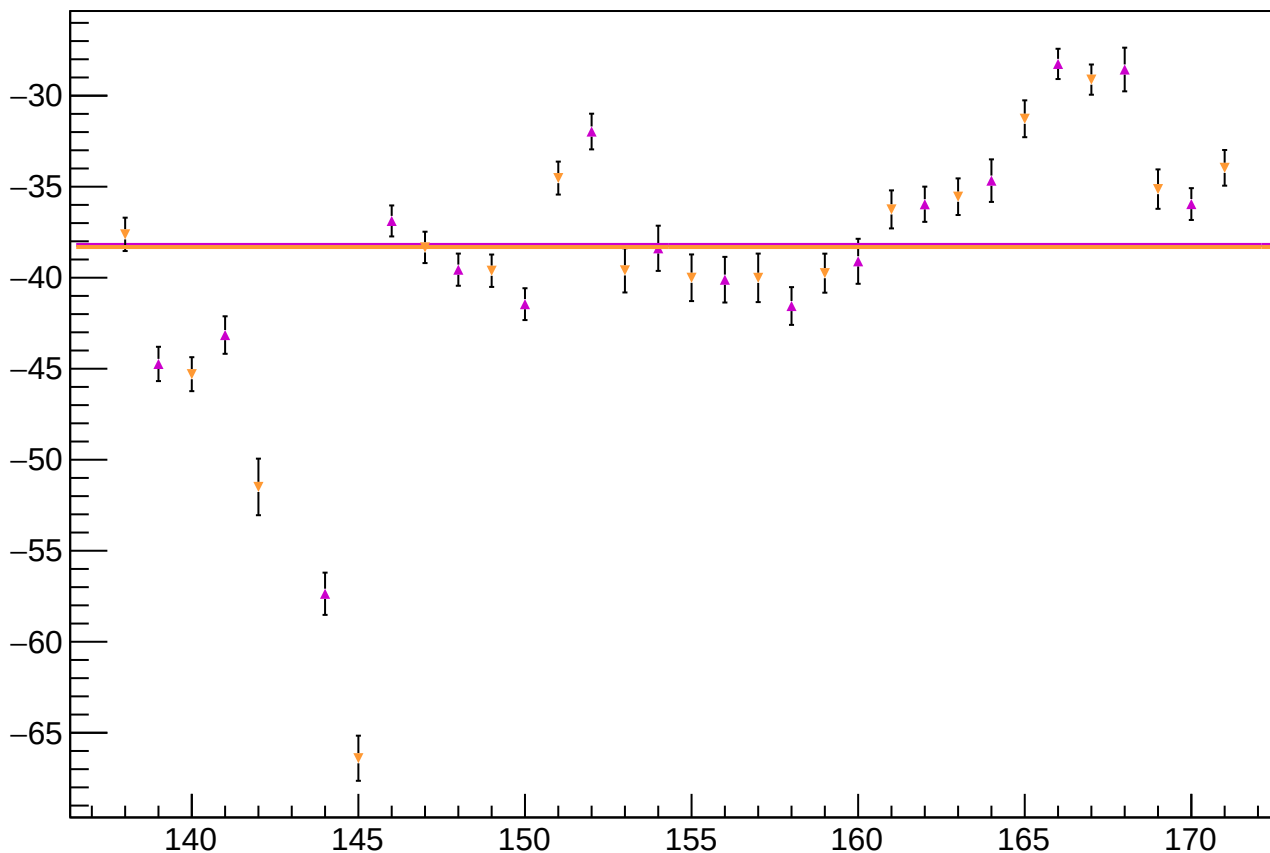
Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

+ sign -0.009 ± 0.001 χ^2/NDF : 45.5/32

All: -0.009 ± 0.001 χ^2/NDF : 247.5/66

- sign -0.009 ± 0.001 χ^2/NDF : 201.8/33

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.315 $\pm$ 0.249 χ^2 /NDF:878.7/16

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

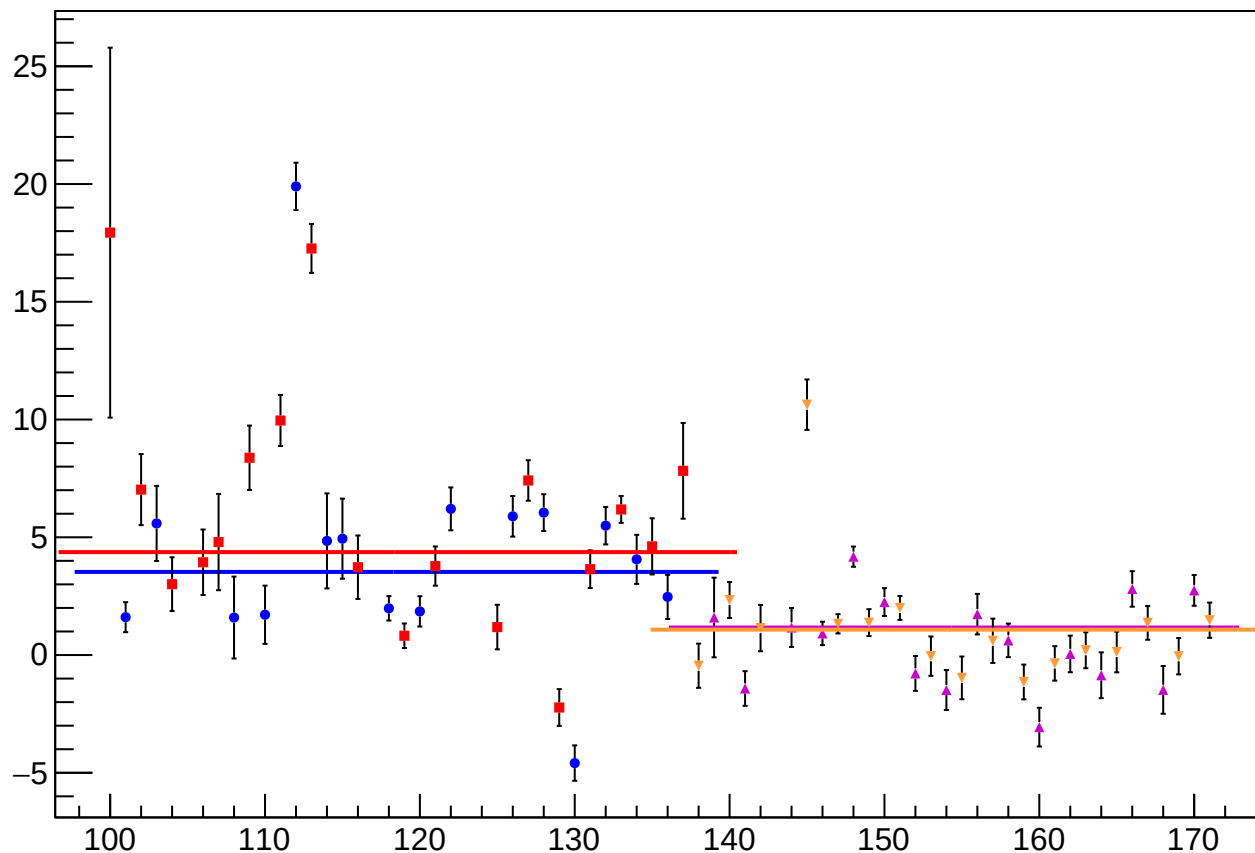
Left In: -38.199 $\pm$ 0.250 χ^2 /NDF:645.0/15

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

All: -38.257 $\pm$ 0.176 χ^2 /NDF: 1523.8/32

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

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 χ^2/NDF : 446.6/15

Left Out: 1.078 ± 0.172 χ^2/NDF : 114.0/16

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

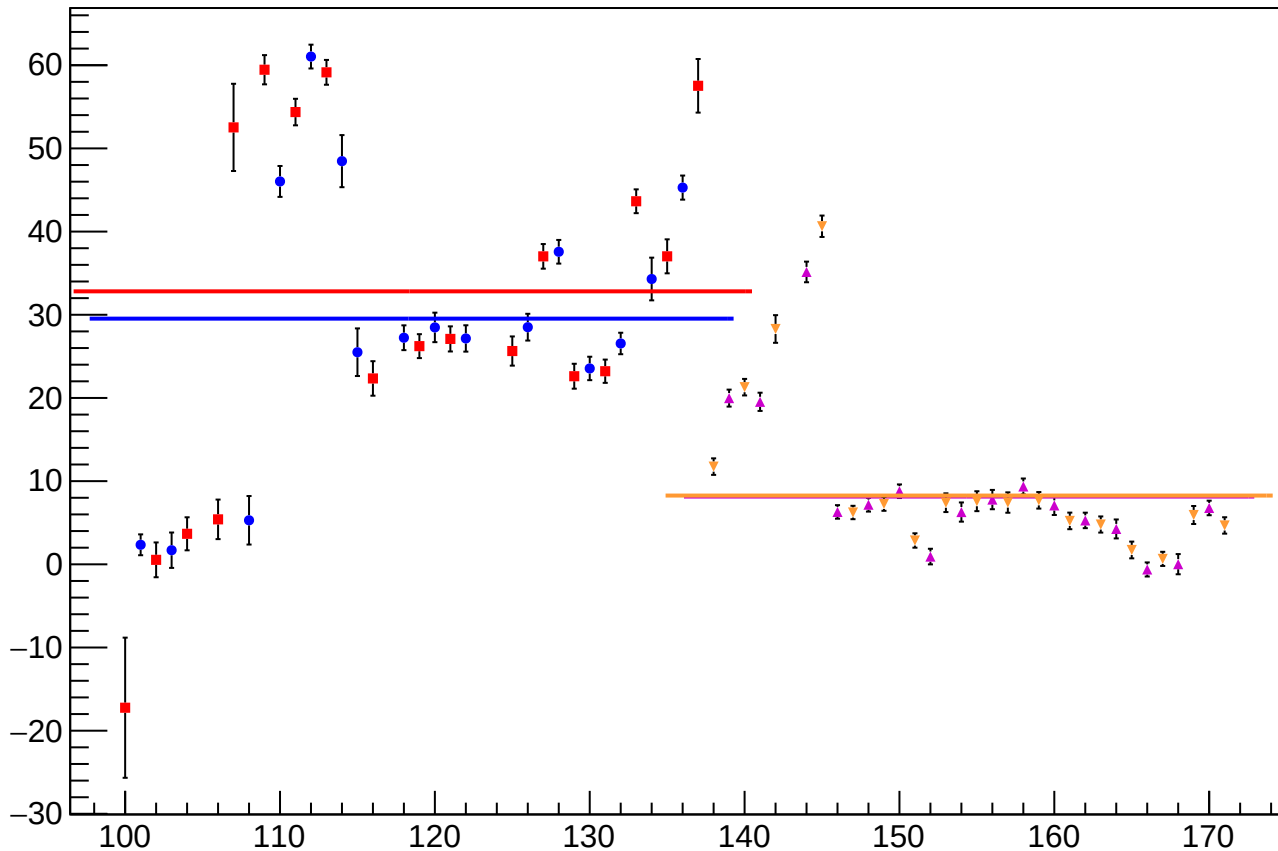
Left In: 1.168 ± 0.177 χ^2/NDF : 133.3/15

+ sign 2.024 ± 0.135 χ^2/NDF : 638.7/32

All: 2.202 ± 0.097 χ^2/NDF : 1254.1/66

- sign 2.391 ± 0.139 χ^2/NDF : 611.7/33

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 ± 0.417 $\chi^2/\text{NDF}: 1494.9/15$

Left Out: 8.267 ± 0.244 $\chi^2/\text{NDF}: 1173.8/16$

Right Out: 32.816 ± 0.423 $\chi^2/\text{NDF}: 1659.3/17$

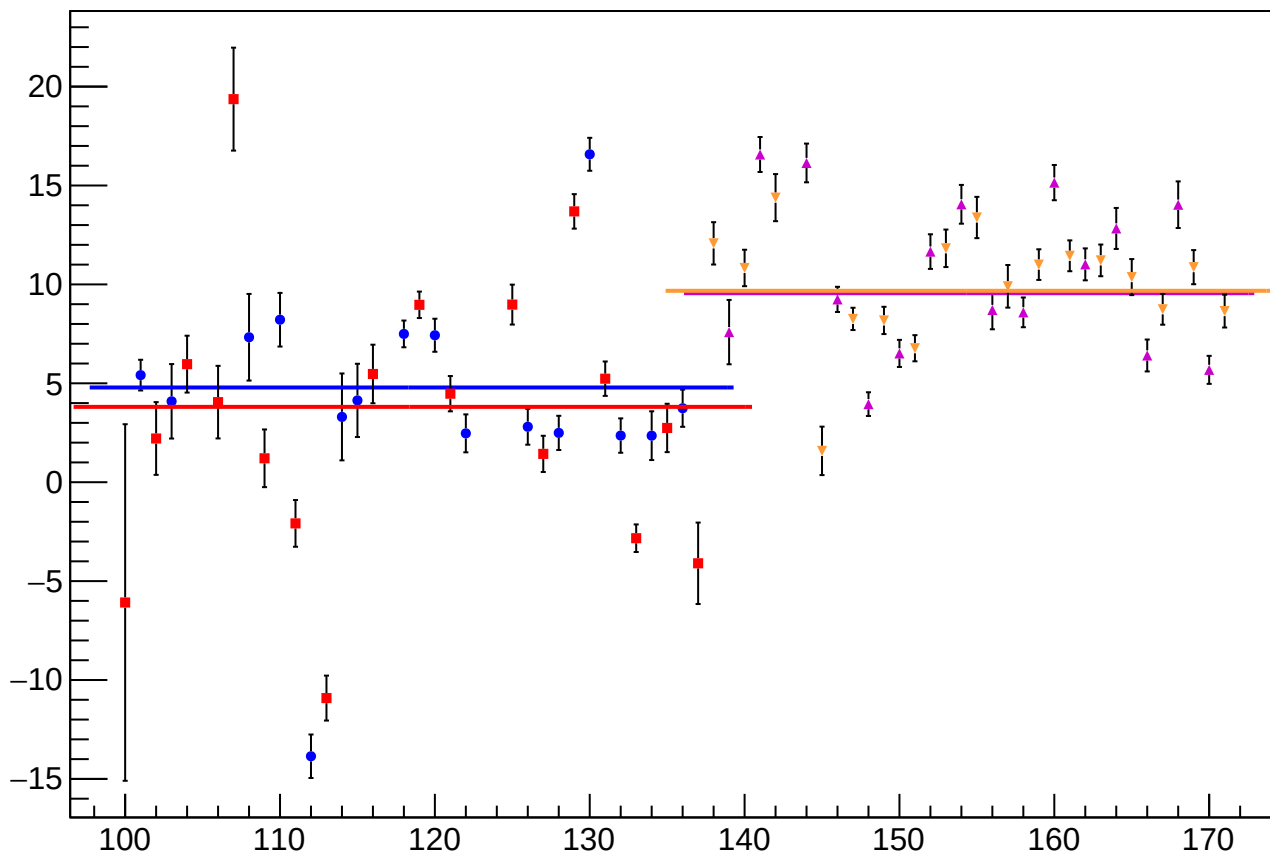
Left In: 8.144 ± 0.245 $\chi^2/\text{NDF}: 962.9/15$

+ sign 13.694 ± 0.211 $\chi^2/\text{NDF}: 4608.4/32$

All: 14.015 ± 0.149 $\chi^2/\text{NDF}: 9784.8/66$

- sign 14.340 ± 0.212 $\chi^2/\text{NDF}: 5171.7/33$

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.677 ± 0.203 χ^2/NDF : 131.3/16

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

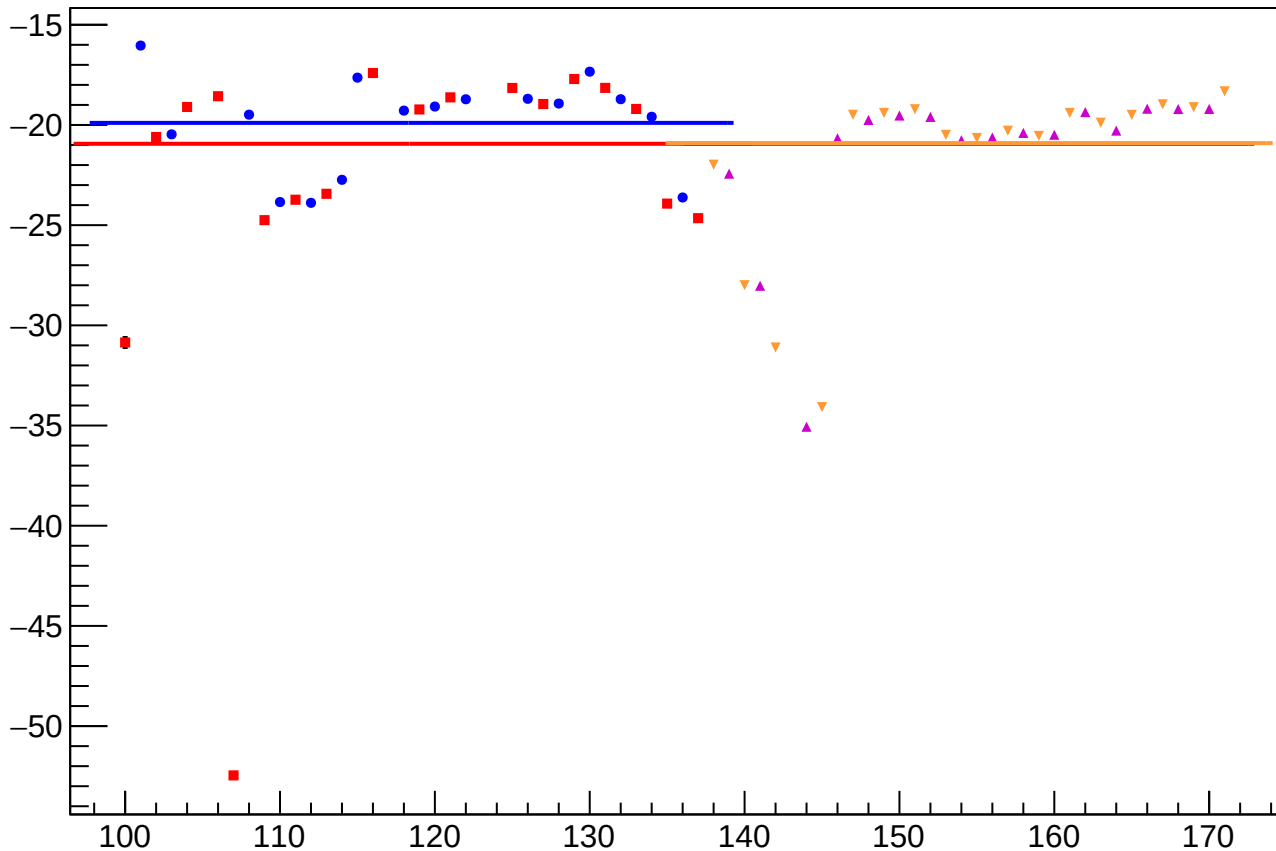
Left In: 9.556 ± 0.208 χ^2/NDF : 358.3/15

+ sign 7.751 ± 0.158 χ^2/NDF : 914.7/32

All: 7.535 ± 0.113 χ^2/NDF : 2144.5/66

- sign 7.307 ± 0.162 χ^2/NDF : 1226.0/33

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -20.905 ± 0.010 χ^2/NDF : 137463.7/16

Right Out: -20.938 ± 0.016 χ^2/NDF : 94065.2/17

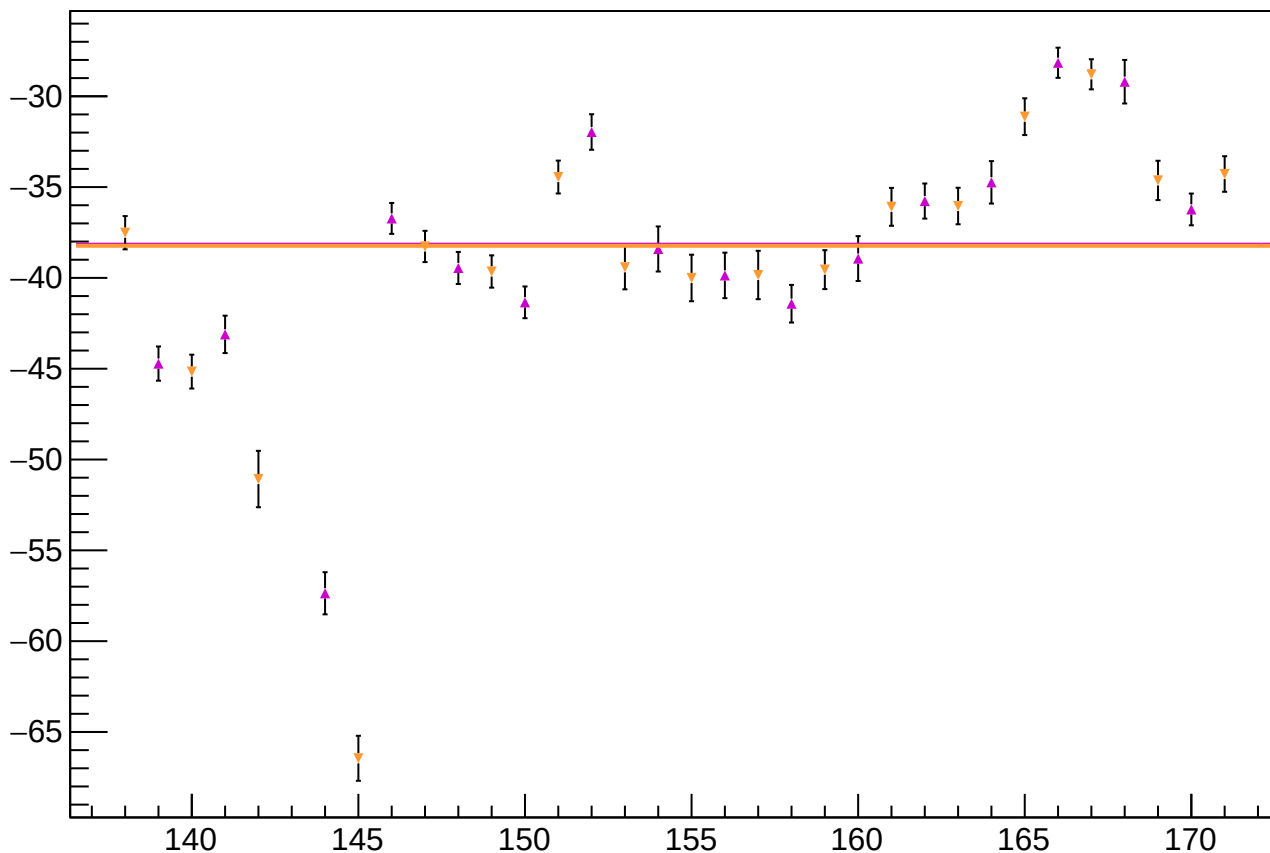
Left In: -20.943 ± 0.010 χ^2/NDF : 107717.6/15

+ sign -20.626 ± 0.008 χ^2/NDF : 166581.1/32

All: -20.783 ± 0.006 χ^2/NDF : 369104.5/66

- sign -20.942 ± 0.008 χ^2/NDF : 201782.9/33

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.232 $\pm$ 0.248 χ^2 /NDF:884.1/16

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

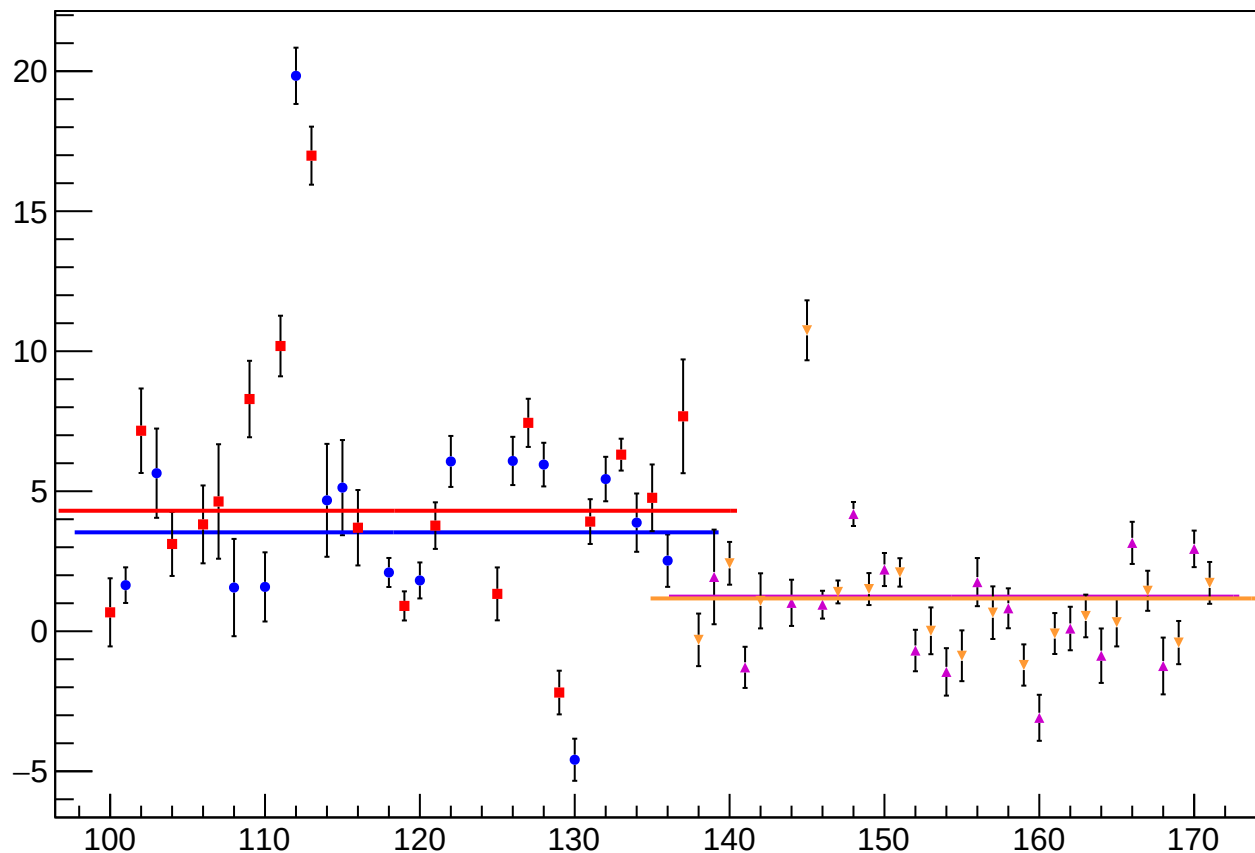
Left In: -38.171 $\pm$ 0.250 χ^2 /NDF:636.8/15

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

All: -38.202 $\pm$ 0.176 χ^2 /NDF: 1520.9/32

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

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.172 ± 0.172 $\chi^2/\text{NDF}: 116.4/16$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

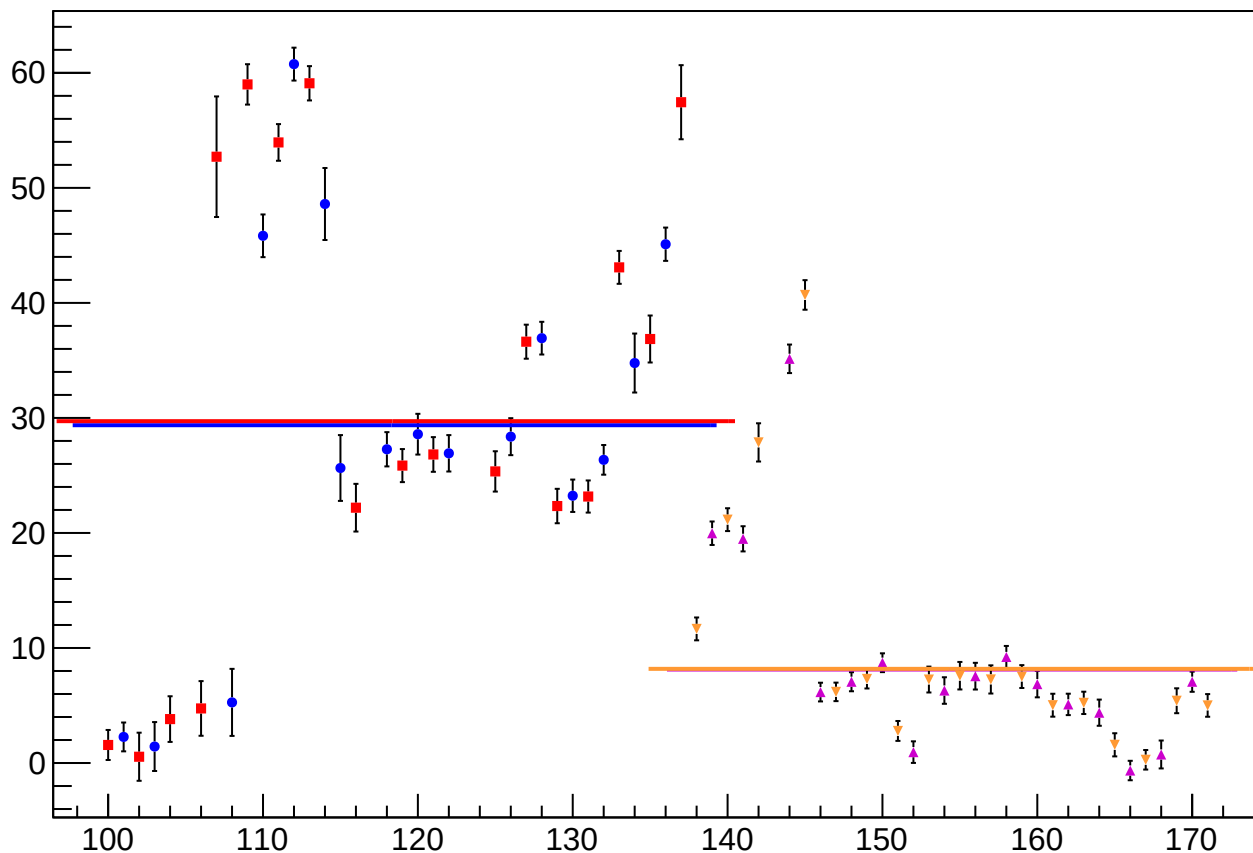
Left In: 1.236 ± 0.177 $\chi^2/\text{NDF}: 133.9/15$

+ sign 2.083 ± 0.135 $\chi^2/\text{NDF}: 632.2/32$

All: 2.253 ± 0.097 $\chi^2/\text{NDF}: 1239.0/66$

- sign 2.432 ± 0.138 $\chi^2/\text{NDF}: 603.6/33$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2/NDF : 1488.7/15

Left Out: 8.186 $\pm$ 0.244 χ^2/NDF : 1177.0/16

Right Out: 29.719 $\pm$ 0.402 χ^2/NDF : 2129.5/17

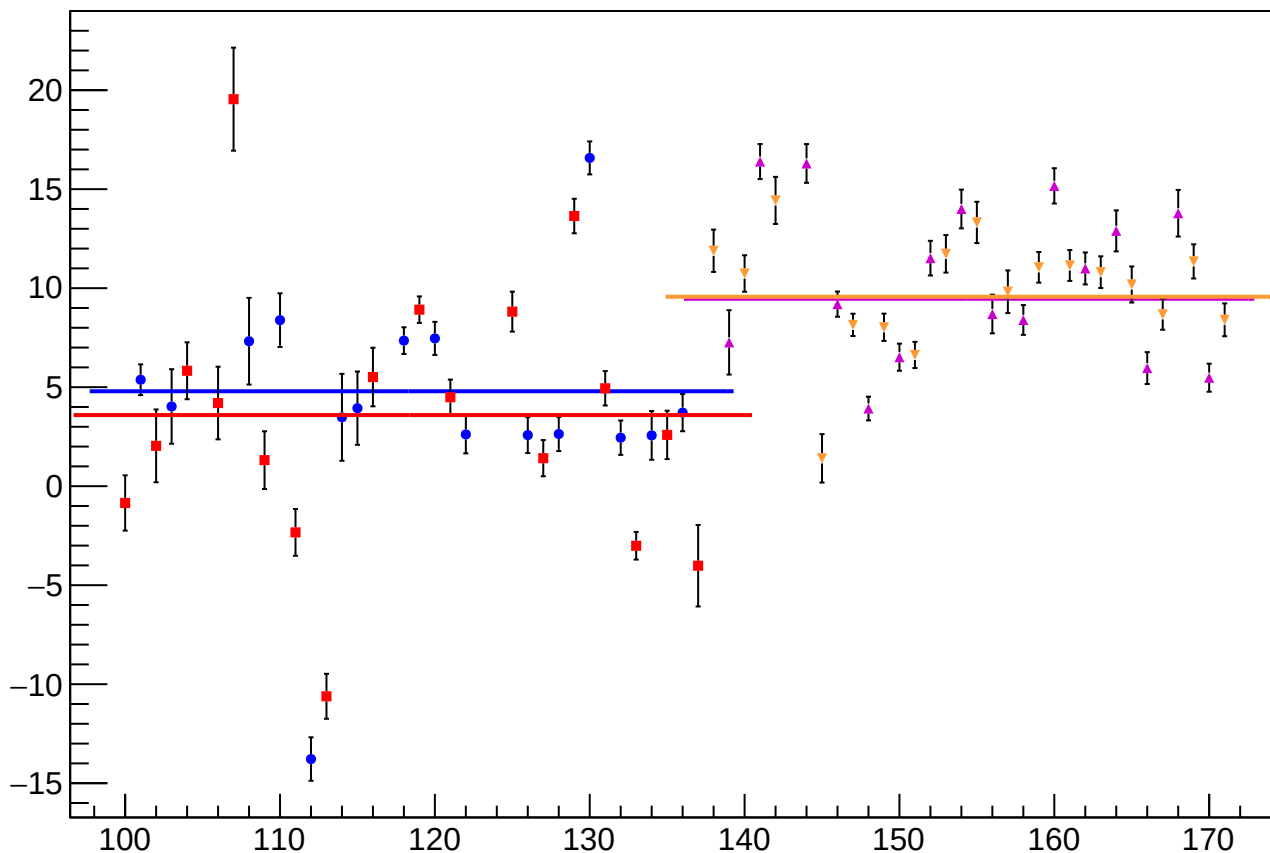
Left In: 8.127 $\pm$ 0.245 χ^2/NDF : 956.7/15

+ sign 13.592 $\pm$ 0.210 χ^2/NDF : 4592.1/32

All: 13.774 $\pm$ 0.148 χ^2/NDF : 9781.3/66

- sign 13.955 $\pm$ 0.209 χ^2/NDF : 5187.7/33

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.568 ± 0.202 $\chi^2/\text{NDF}: 135.2/16$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

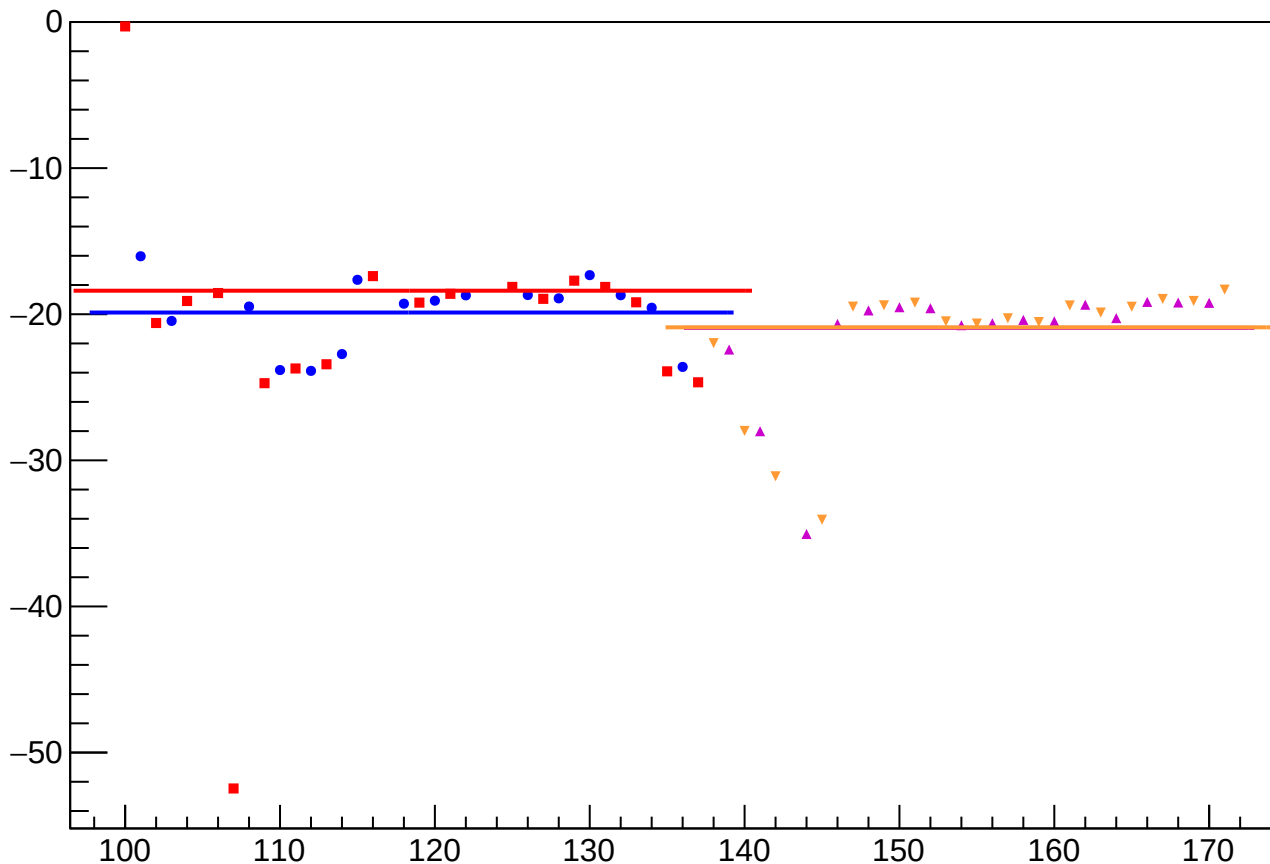
Left In: 9.463 ± 0.207 $\chi^2/\text{NDF}: 365.5/15$

+ sign 7.687 ± 0.158 $\chi^2/\text{NDF}: 904.2/32$

All: 7.409 ± 0.113 $\chi^2/\text{NDF}: 2169.3/66$

- sign 7.119 ± 0.161 $\chi^2/\text{NDF}: 1258.7/33$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -20.897 ± 0.010 χ^2/NDF : 137555.0/16

Right Out: -18.390 ± 0.015 χ^2/NDF : 301247.7/17

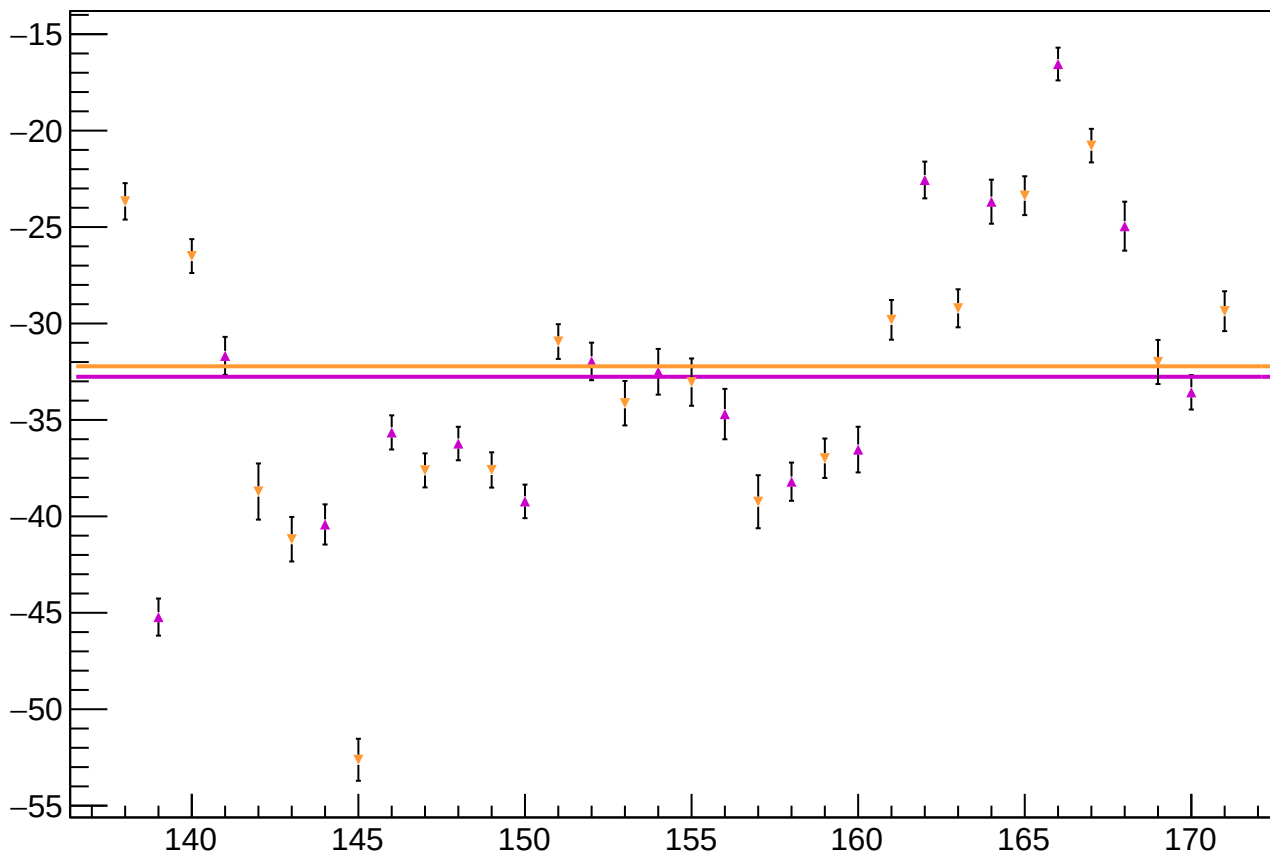
Left In: -20.934 ± 0.010 χ^2/NDF : 107614.7/15

+ sign -20.617 ± 0.008 χ^2/NDF : 166689.5/32

All: -20.390 ± 0.006 χ^2/NDF : 597907.8/66

- sign -20.169 ± 0.008 χ^2/NDF : 429701.9/33

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.219+/-0.242 χ^2/NDF : 952.8/17

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

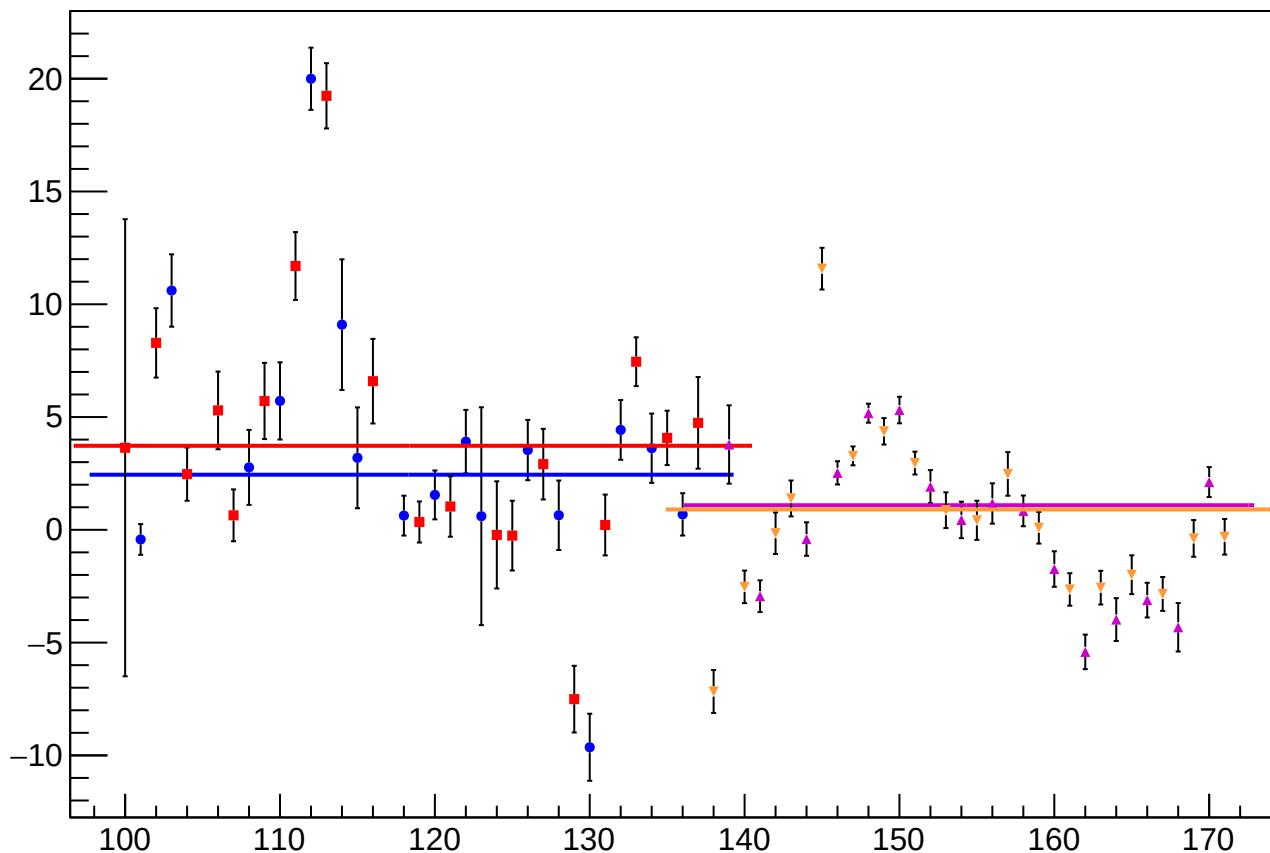
Left In: -32.763+/-0.249 χ^2/NDF : 929.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.484+/-0.173 χ^2/NDF : 1884.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 $\pm$ 0.311 χ^2/NDF : 295.3/16

Left Out: 0.903 $\pm$ 0.168 χ^2/NDF : 404.7/17

Right Out: 3.726 $\pm$ 0.327 χ^2/NDF : 269.1/18

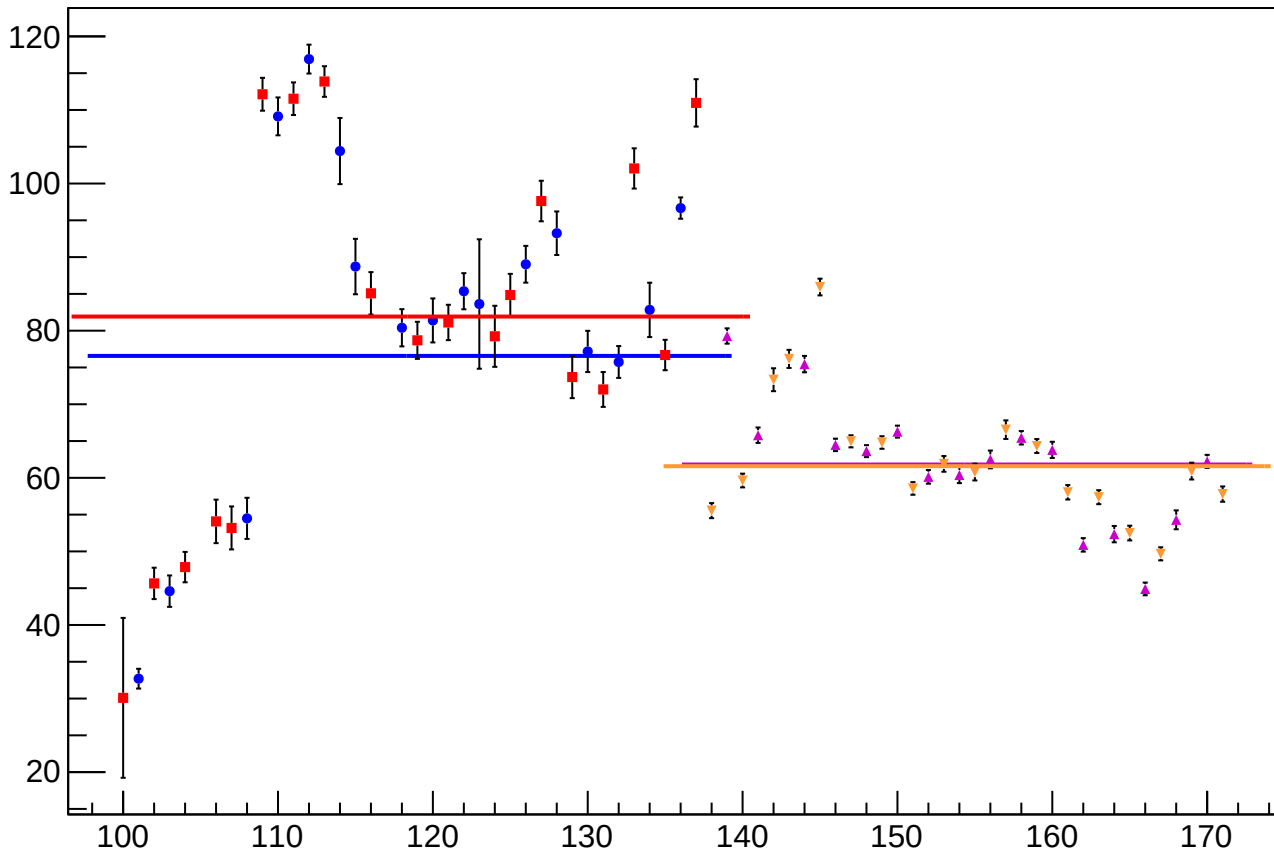
Left In: 1.090 $\pm$ 0.175 χ^2/NDF : 365.6/15

+ sign 1.250 $\pm$ 0.148 χ^2/NDF : 719.0/34

All: 1.455 $\pm$ 0.107 χ^2/NDF : 1408.3/69

- sign 1.679 $\pm$ 0.155 χ^2/NDF : 685.2/34

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 ± 0.573 $\chi^2/\text{NDF}: 2253.6/16$

Left Out: 61.581 ± 0.238 $\chi^2/\text{NDF}: 1069.7/17$

Right Out: 81.923 ± 0.592 $\chi^2/\text{NDF}: 1570.6/18$

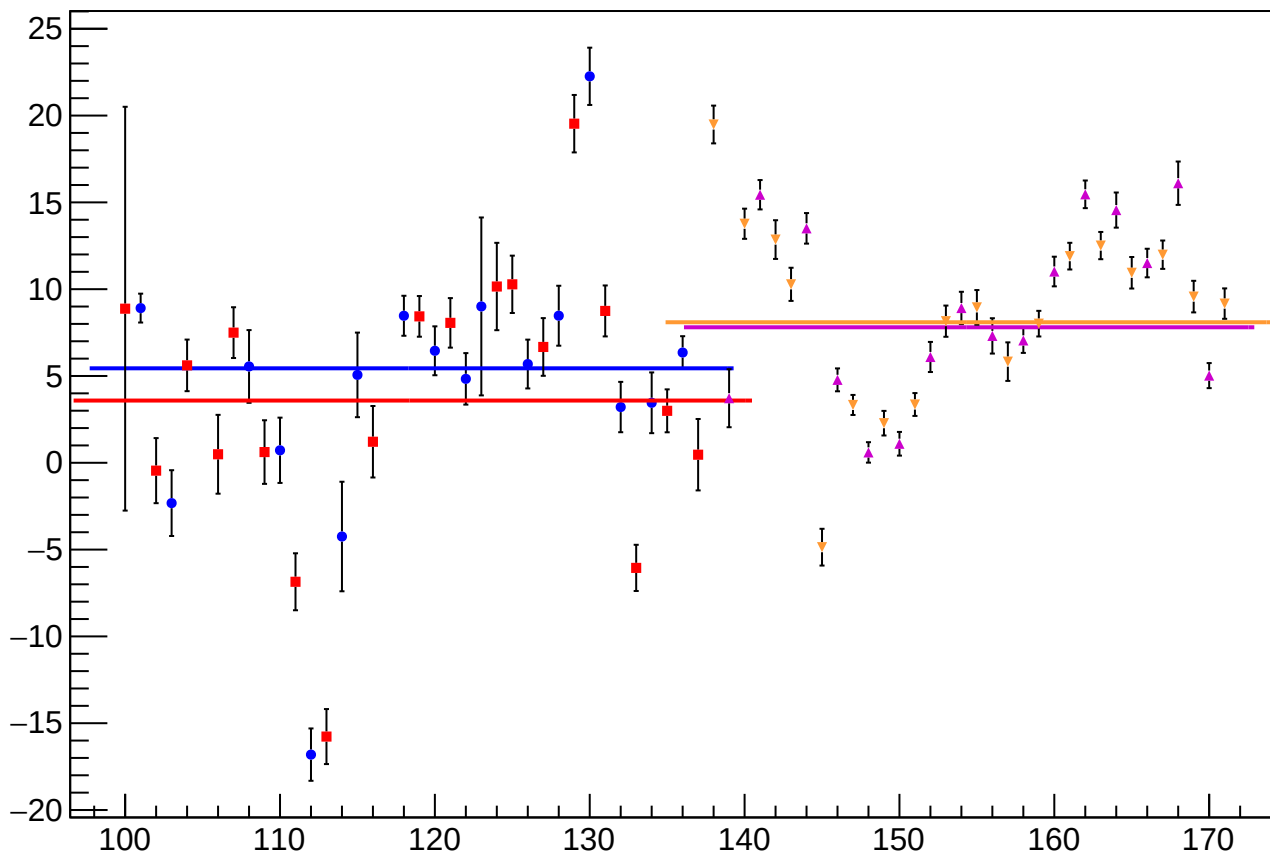
Left In: 61.810 ± 0.243 $\chi^2/\text{NDF}: 1146.4/15$

+ sign 63.791 ± 0.220 $\chi^2/\text{NDF}: 3906.3/34$

All: 64.242 ± 0.157 $\chi^2/\text{NDF}: 7619.8/69$

- sign 64.713 ± 0.225 $\chi^2/\text{NDF}: 3705.0/34$

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 $\pm$ 0.357 χ^2/NDF : 387.5/16

Left Out: 8.095 $\pm$ 0.197 χ^2/NDF : 610.7/17

Right Out: 3.585 $\pm$ 0.375 χ^2/NDF : 423.2/18

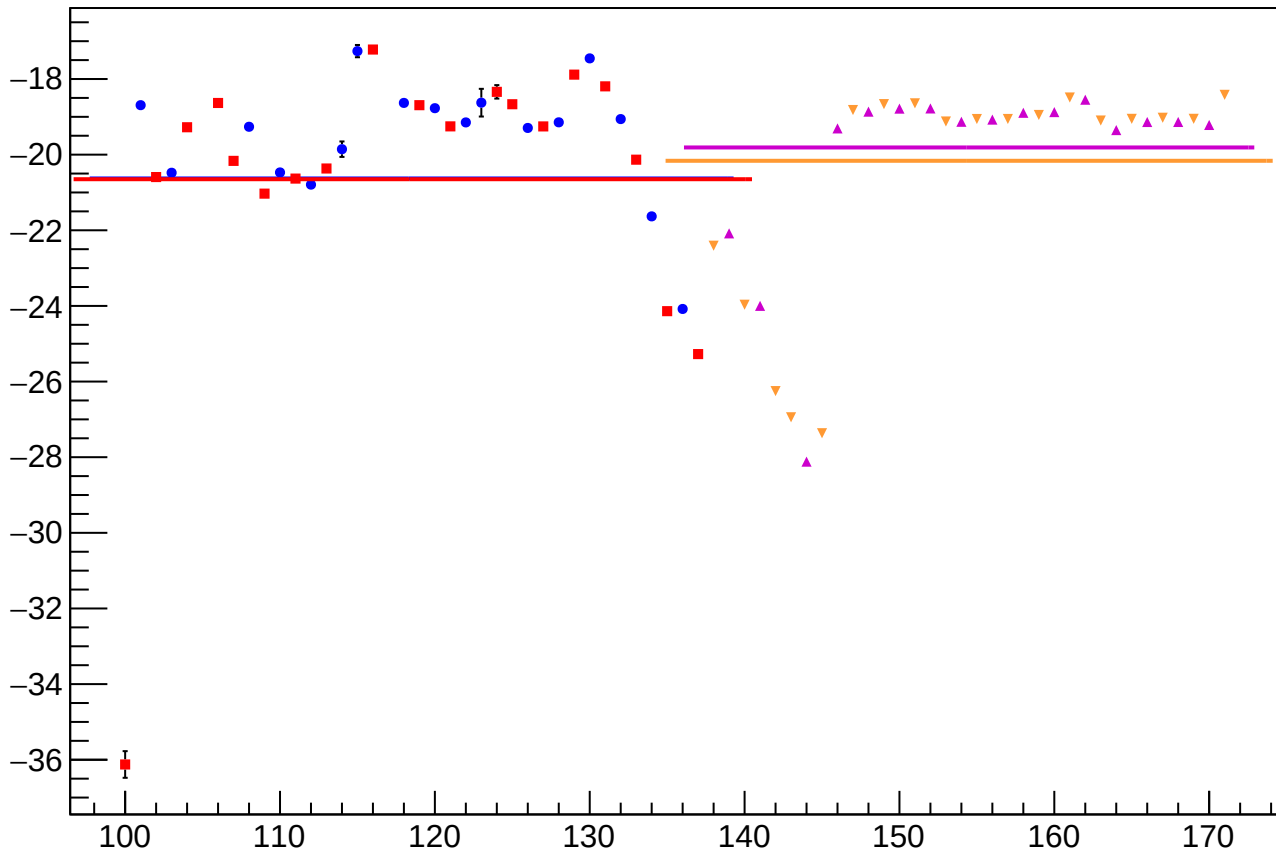
Left In: 7.805 $\pm$ 0.205 χ^2/NDF : 633.9/15

+ sign 7.475 $\pm$ 0.173 χ^2/NDF : 1040.5/34

All: 7.167 $\pm$ 0.125 χ^2/NDF : 2201.5/69

- sign 6.832 $\pm$ 0.180 χ^2/NDF : 1154.4/34

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -20.162 ± 0.009 χ^2/NDF : 81196.1/17

Right Out: -20.650 ± 0.019 χ^2/NDF : 13885.7/18

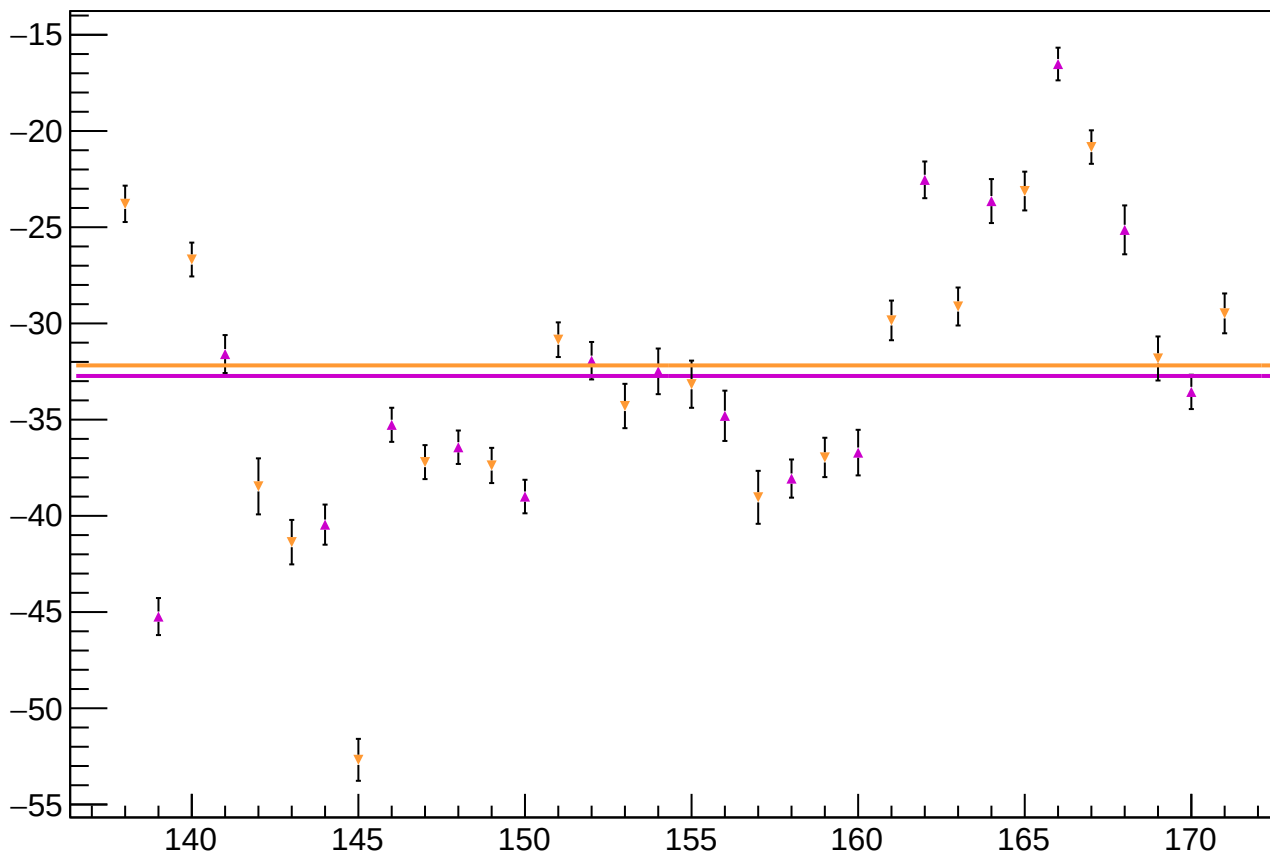
Left In: -19.810 ± 0.010 χ^2/NDF : 49255.8/15

+ sign -20.252 ± 0.008 χ^2/NDF : 94162.7/34

All: -20.116 ± 0.006 χ^2/NDF : 159332.9/69

- sign -19.975 ± 0.009 χ^2/NDF : 64641.9/34

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.182+/-0.242 χ^2/NDF : 943.7/17

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

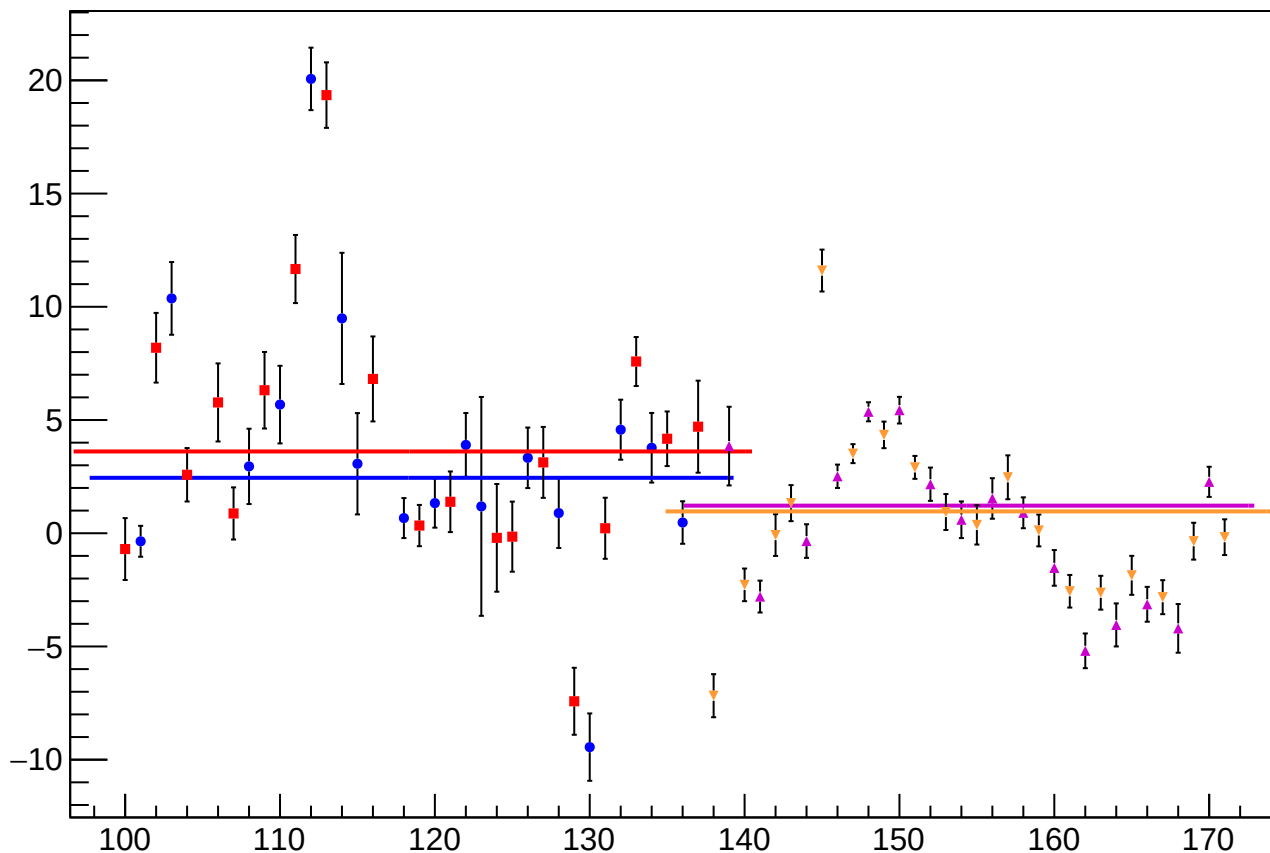
Left In: -32.730+/-0.249 χ^2/NDF : 924.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.449+/-0.174 χ^2/NDF : 1870.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 0.964 ± 0.168 χ^2/NDF : 404.6/17

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

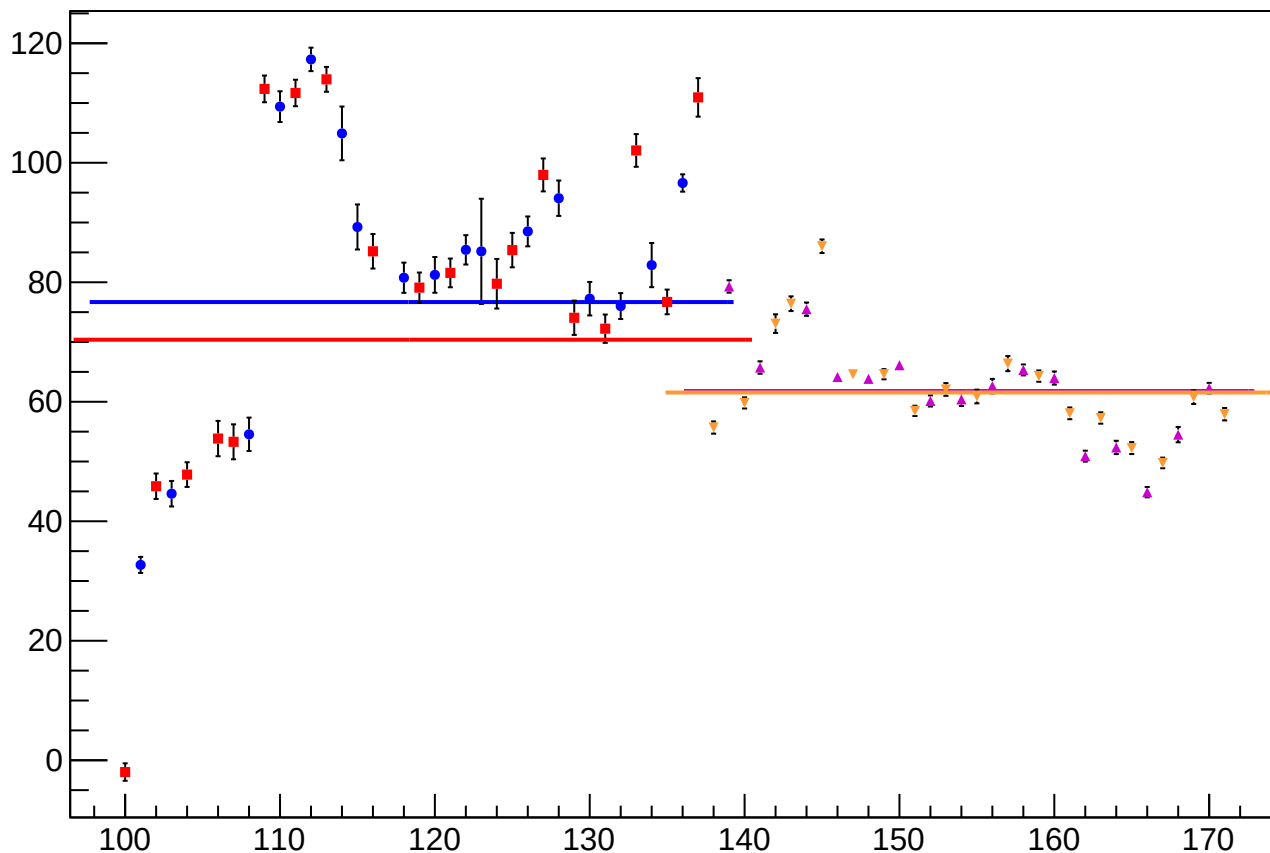
Left In: 1.219 ± 0.176 χ^2/NDF : 369.0/15

+ sign 1.299 ± 0.148 χ^2/NDF : 715.6/34

All: 1.529 ± 0.107 χ^2/NDF : 1412.3/69

- sign 1.777 ± 0.154 χ^2/NDF : 691.7/34

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 ± 0.574 $\chi^2/\text{NDF}: 2265.1/16$

Left Out: 61.551 ± 0.239 $\chi^2/\text{NDF}: 1068.0/17$

Right Out: 70.386 ± 0.550 $\chi^2/\text{NDF}: 4391.1/18$

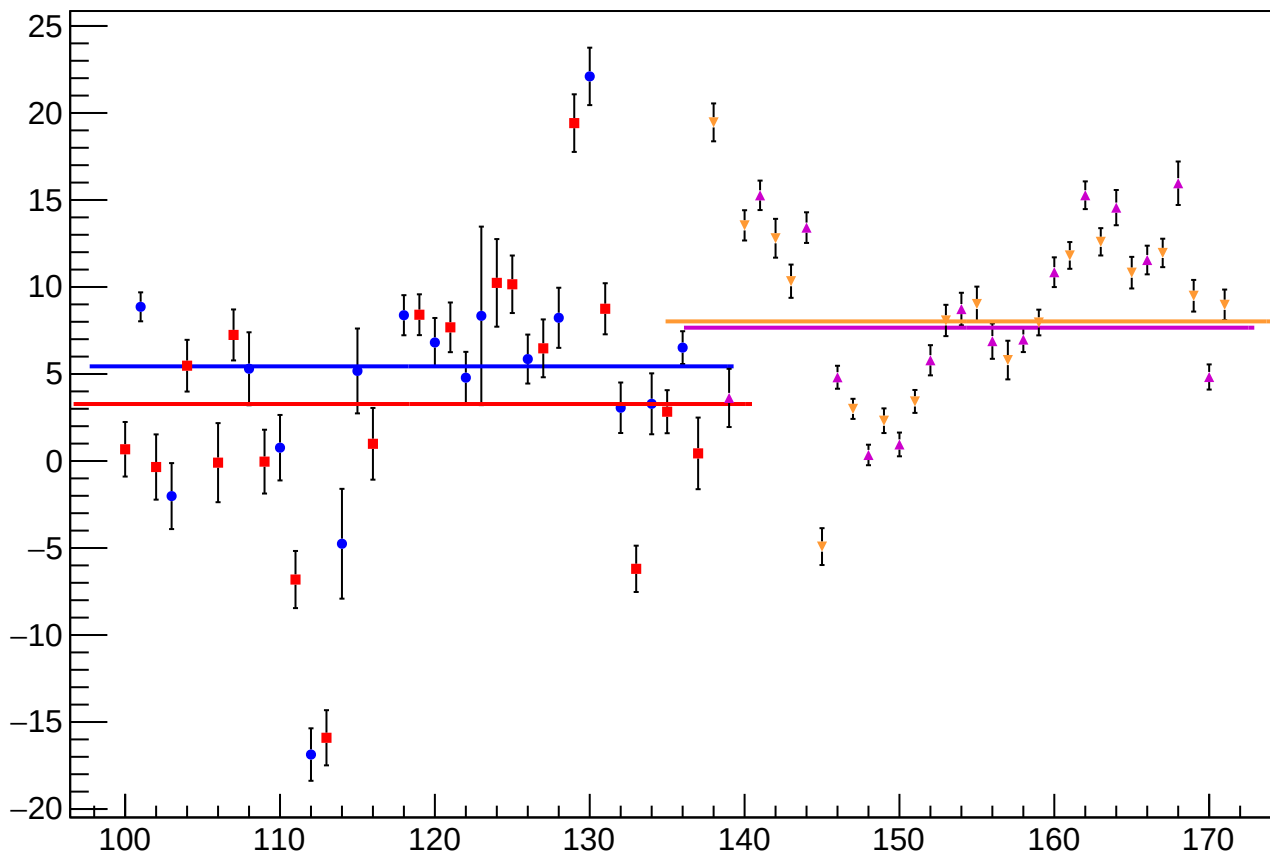
Left In: 61.802 ± 0.243 $\chi^2/\text{NDF}: 1141.3/15$

+ sign 63.783 ± 0.220 $\chi^2/\text{NDF}: 3926.7/34$

All: 63.498 ± 0.157 $\chi^2/\text{NDF}: 9666.5/69$

- sign 63.207 ± 0.222 $\chi^2/\text{NDF}: 5736.4/34$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 8.023 ± 0.197 $\chi^2/\text{NDF}: 613.4/17$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

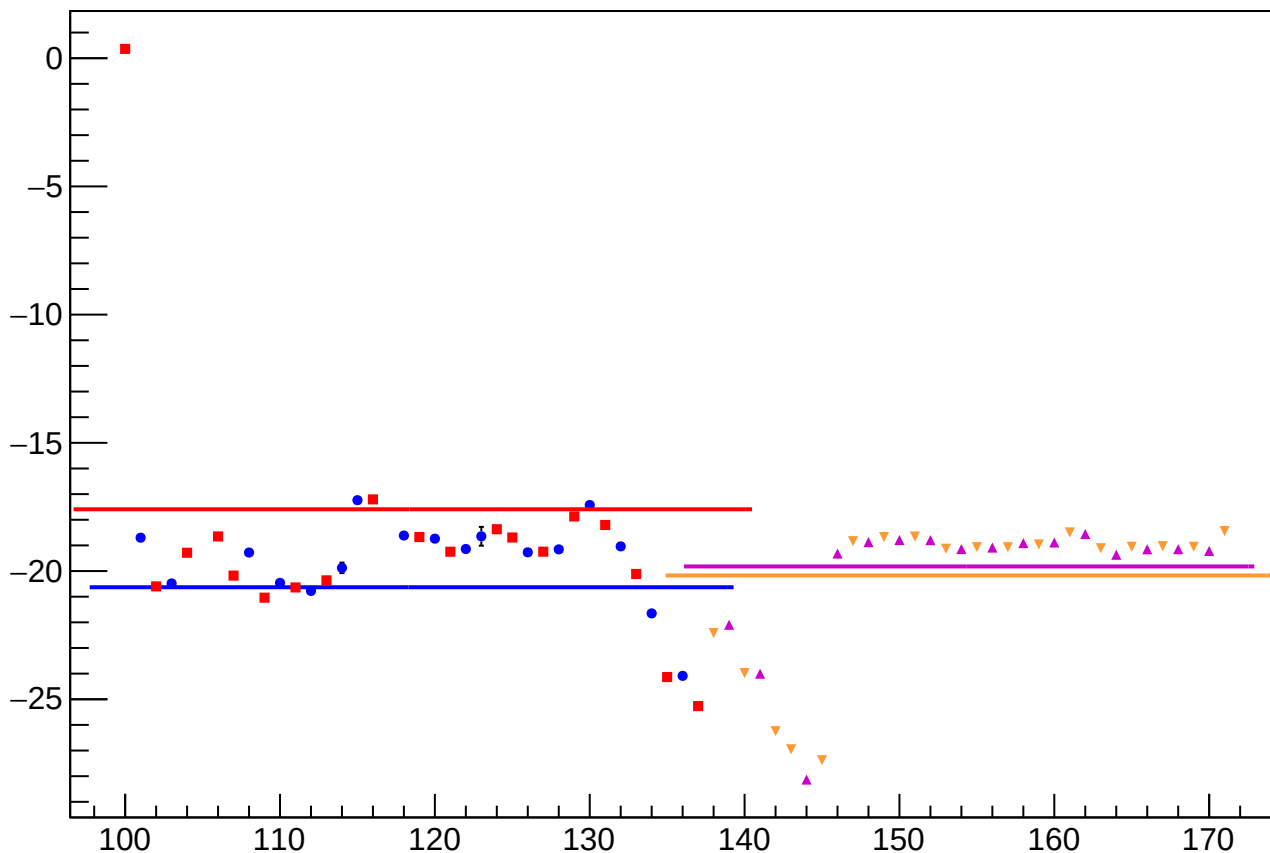
Left In: 7.661 ± 0.206 $\chi^2/\text{NDF}: 639.2/15$

+ sign 7.419 ± 0.173 $\chi^2/\text{NDF}: 1039.3/34$

All: 7.027 ± 0.124 $\chi^2/\text{NDF}: 2224.4/69$

- sign 6.606 ± 0.179 $\chi^2/\text{NDF}: 1174.5/34$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -20.172 ± 0.009 χ^2/NDF : 81034.3/17

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

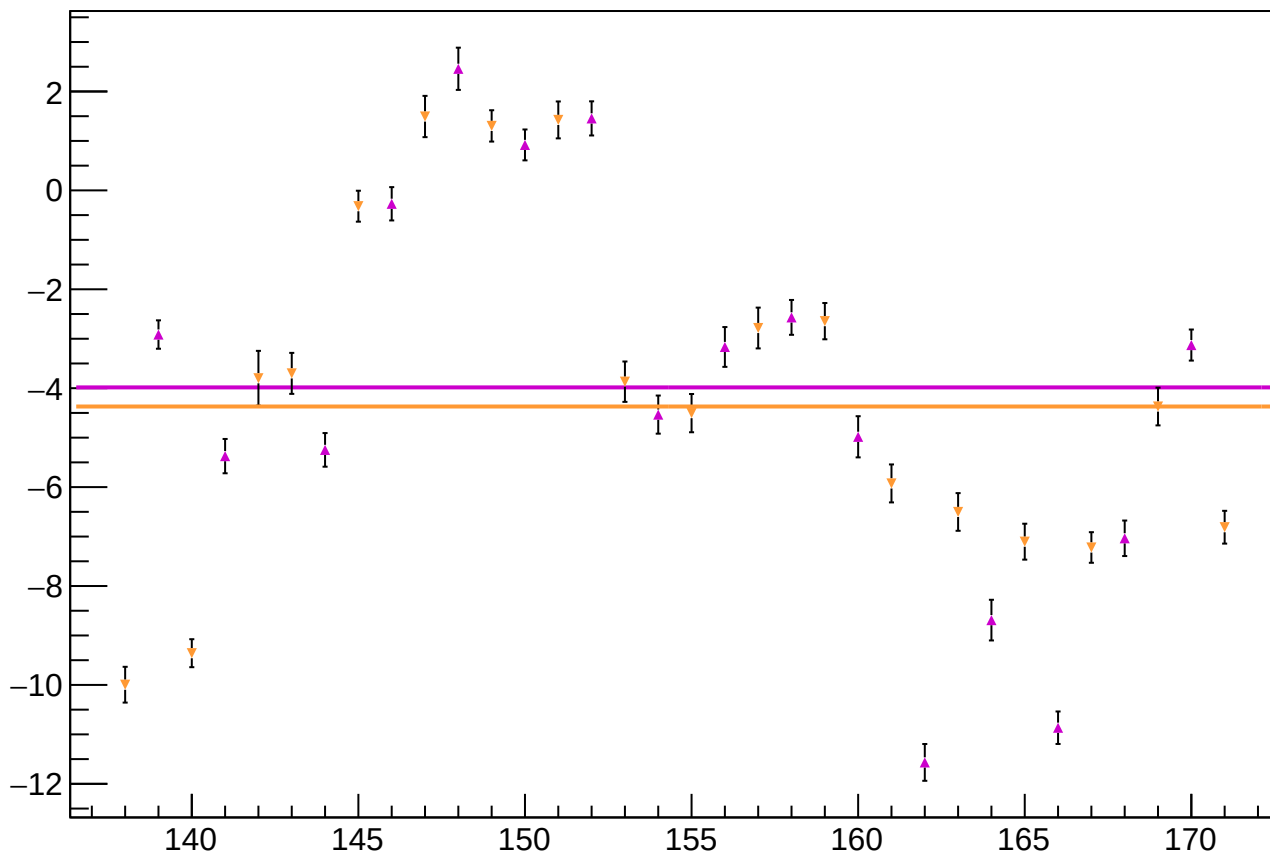
Left In: -19.820 ± 0.010 χ^2/NDF : 49193.3/15

+ sign -20.260 ± 0.008 χ^2/NDF : 94023.4/34

All: -19.794 ± 0.006 χ^2/NDF : 339903.7/69

- sign -19.326 ± 0.008 χ^2/NDF : 239797.3/34

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -4.370 $\pm$ 0.086 χ^2 /NDF:1765.4/17

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

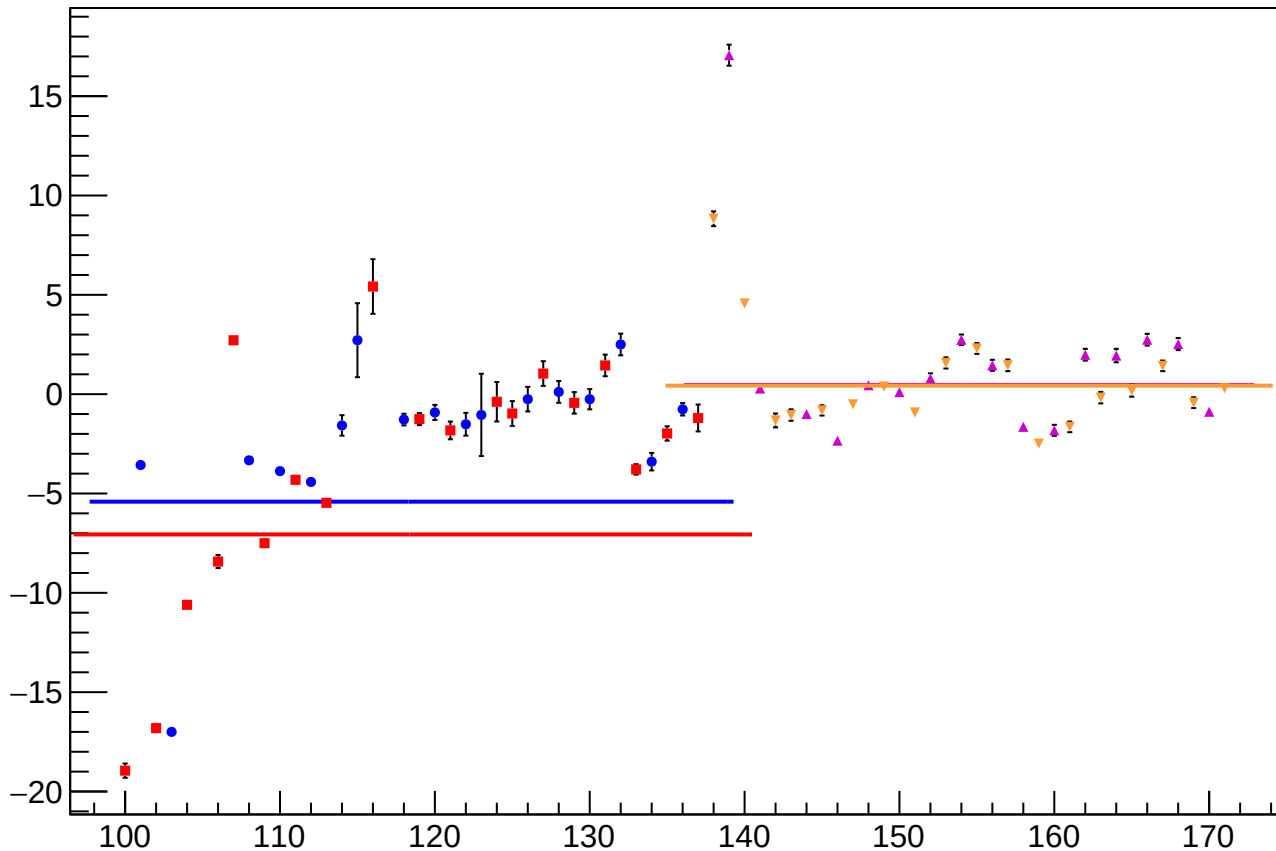
Left In: -3.984 $\pm$ 0.088 χ^2 /NDF:1980.9/15

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

All: -4.182 $\pm$ 0.061 χ^2 /NDF: 3756.2/33

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

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.428 ± 0.062 χ^2/NDF : 1244.7/17

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

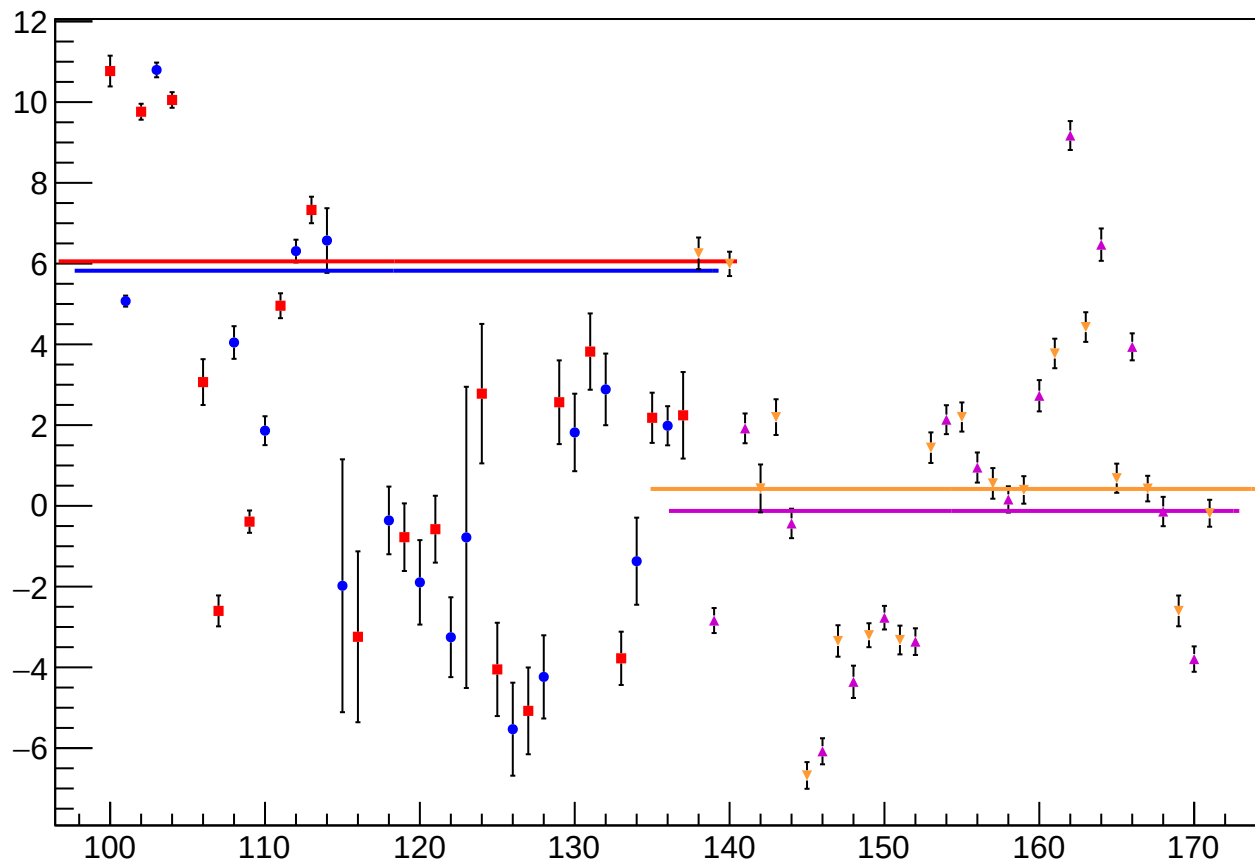
Left In: 0.464 ± 0.065 χ^2/NDF : 1611.2/15

+ sign -2.844 ± 0.041 χ^2/NDF : 15509.1/34

All: -3.229 ± 0.030 χ^2/NDF : 36962.0/69

- sign -3.668 ± 0.044 χ^2/NDF : 21264.0/34

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.419 ± 0.085 χ^2/NDF : 1694.9/17

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

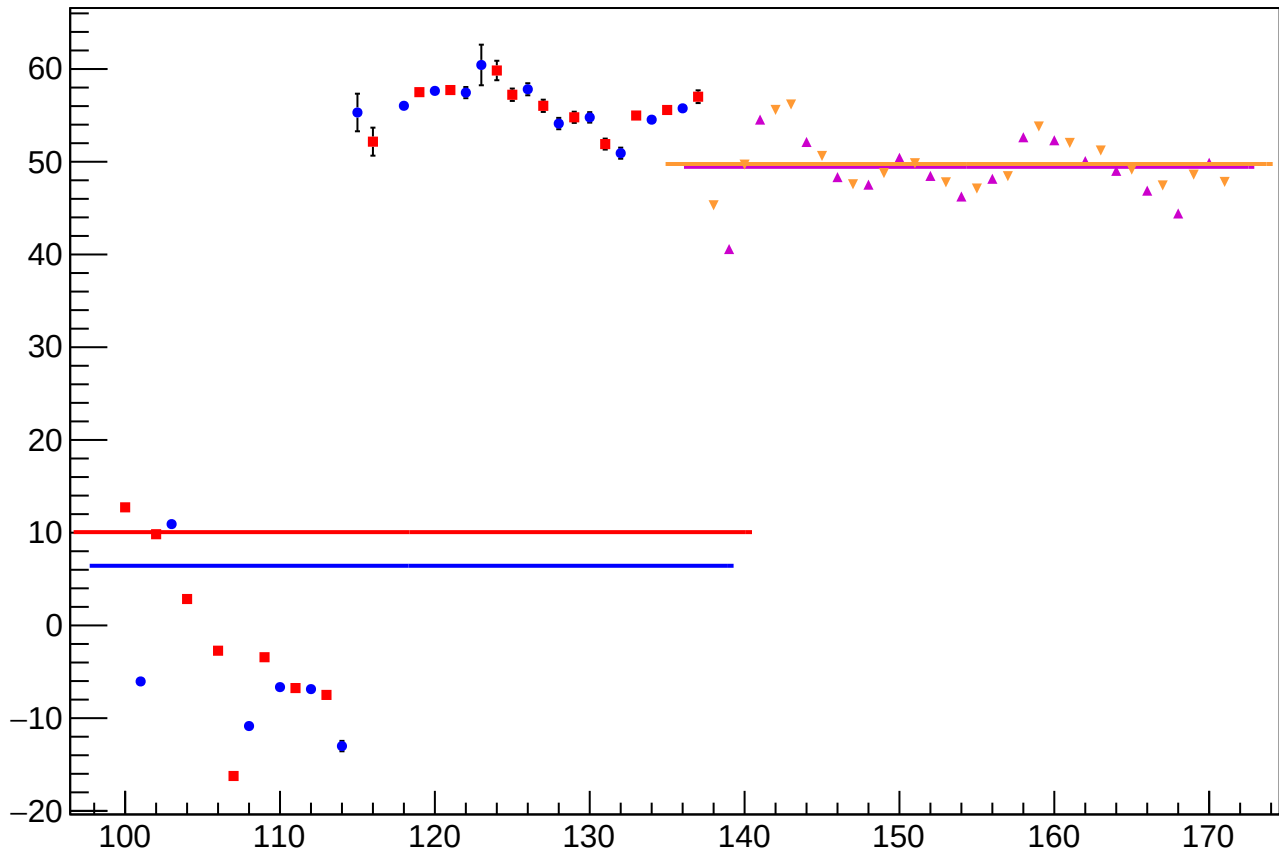
Left In: -0.126 ± 0.086 χ^2/NDF : 2069.4/15

+ sign 2.973 ± 0.062 χ^2/NDF : 5067.3/34

All: 2.855 ± 0.044 χ^2/NDF : 12173.9/69

- sign 2.730 ± 0.063 χ^2/NDF : 7099.1/34

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 49.758 ± 0.071 χ^2/NDF : 1305.8/17

Right Out: 10.060 ± 0.070 χ^2/NDF : 121816.0/18

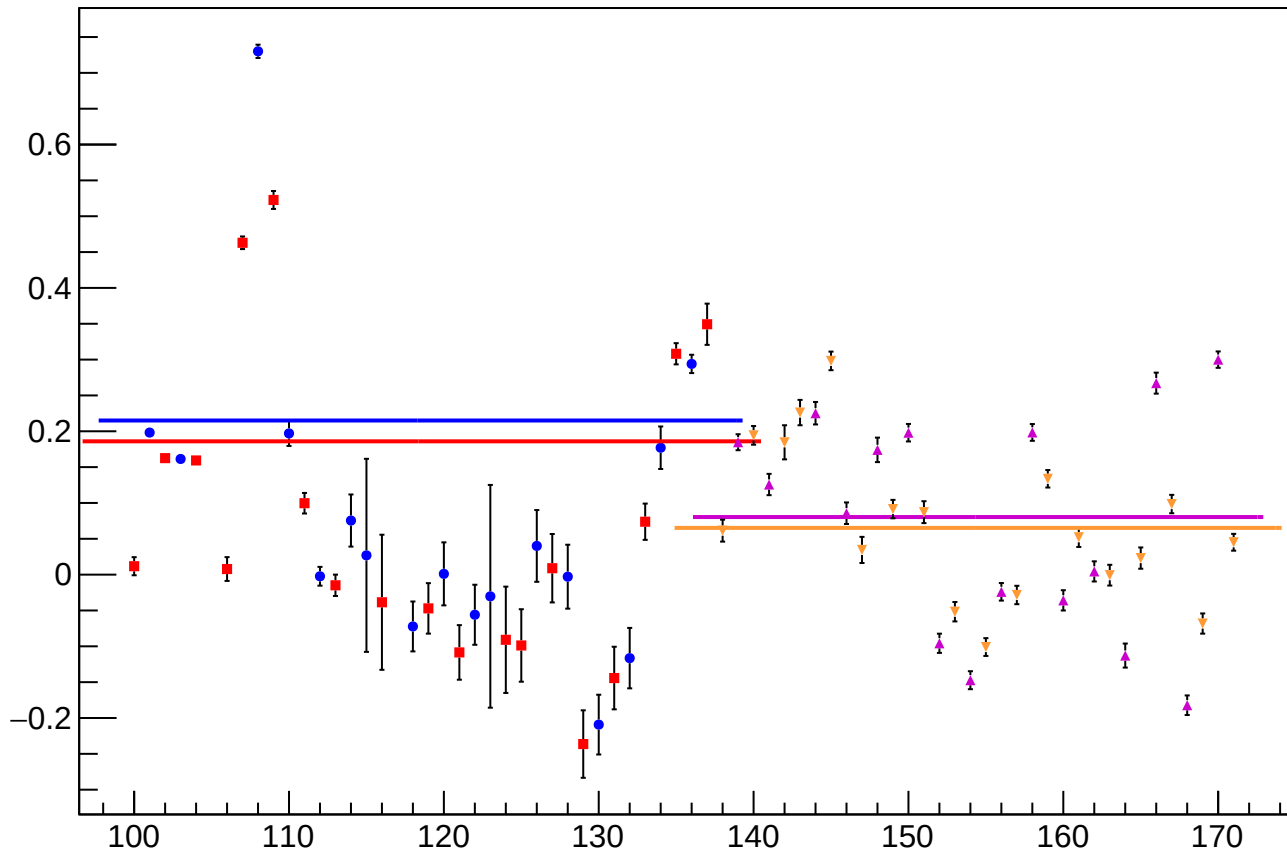
Left In: 49.452 ± 0.075 χ^2/NDF : 1416.2/15

+ sign 25.959 ± 0.048 χ^2/NDF : 326902.0/34

All: 27.097 ± 0.035 χ^2/NDF : 599732.7/69

- sign 28.383 ± 0.051 χ^2/NDF : 271631.4/34

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3930.1/16$

Left Out: 0.065 ± 0.003 $\chi^2/\text{NDF}: 1005.9/17$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2720.3/18$

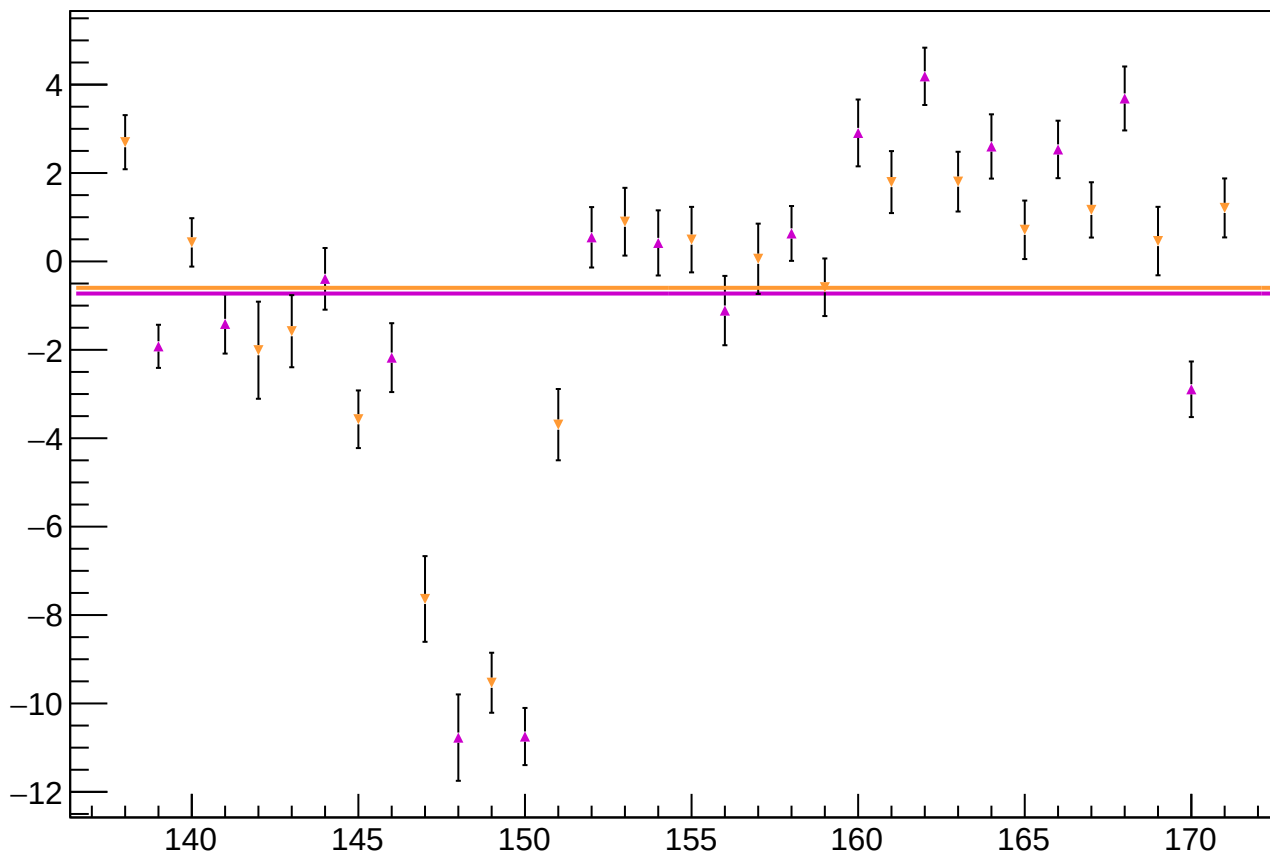
Left In: 0.080 ± 0.003 $\chi^2/\text{NDF}: 2112.1/15$

+ sign 0.153 ± 0.002 $\chi^2/\text{NDF}: 6149.2/34$

All: 0.149 ± 0.001 $\chi^2/\text{NDF}: 11590.8/69$

- sign 0.145 ± 0.002 $\chi^2/\text{NDF}: 5434.2/34$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.597+/-0.167 χ^2/NDF : 349.0/17

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

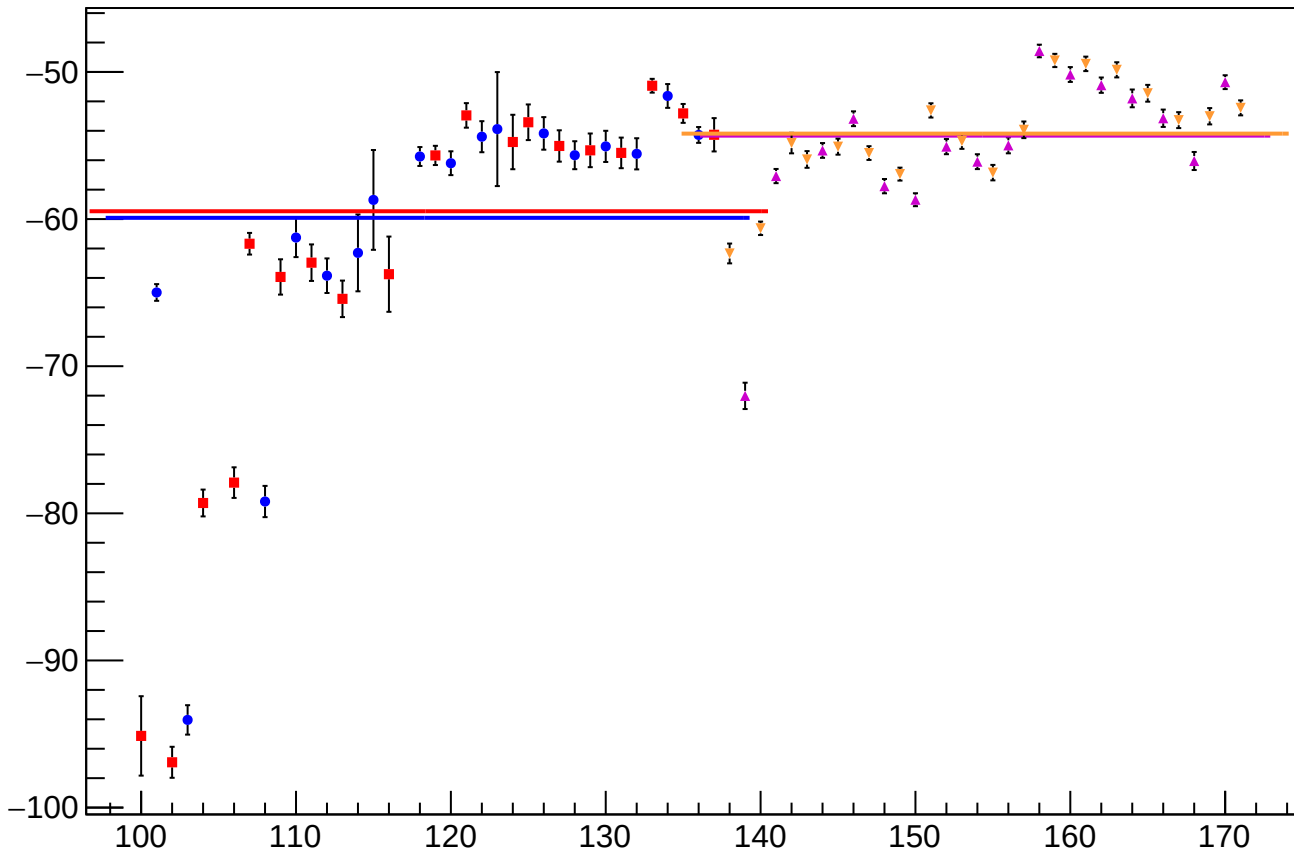
Left In: -0.727+/-0.170 χ^2/NDF : 543.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.661+/-0.119 χ^2/NDF : 892.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -54.192 ± 0.123 χ^2/NDF : 769.9/17

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

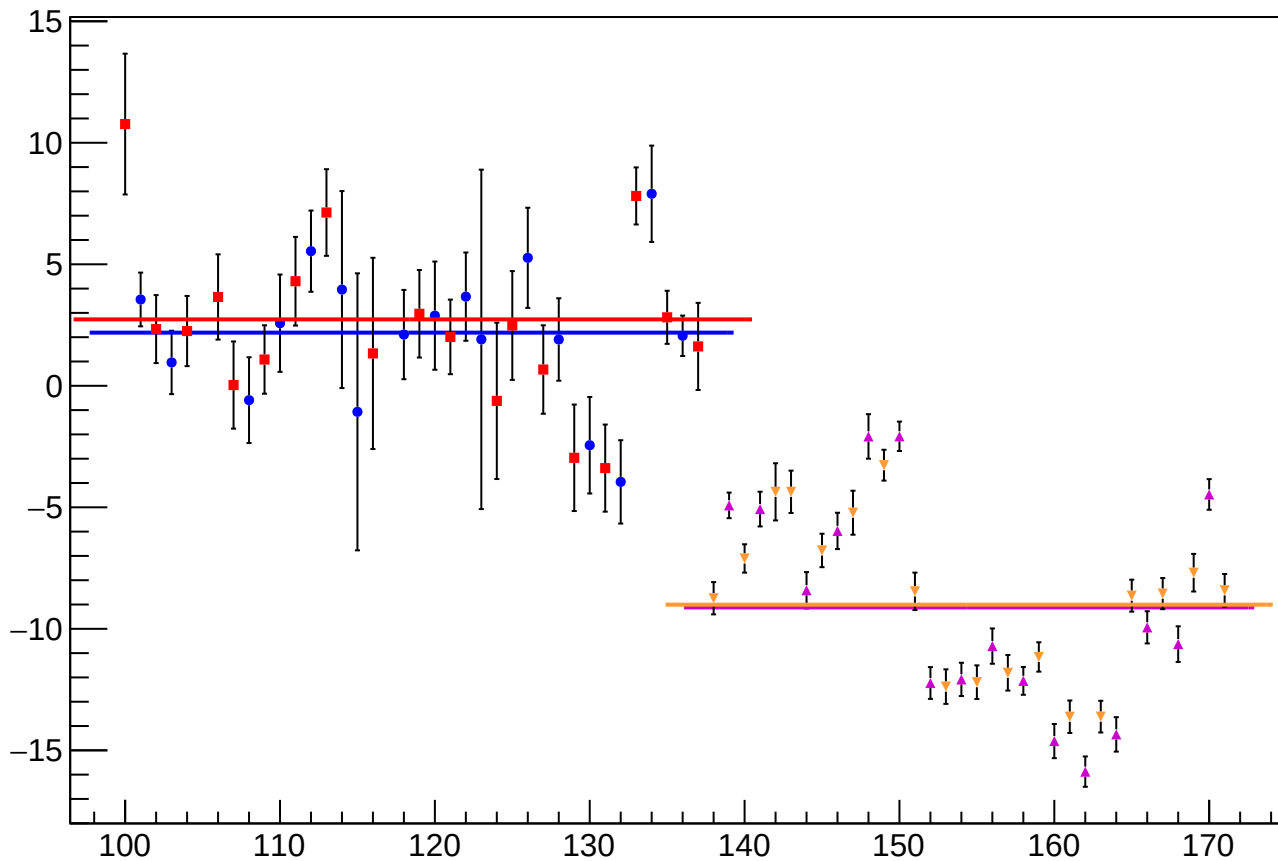
Left In: -54.328 ± 0.129 χ^2/NDF : 975.9/15

+ sign -55.525 ± 0.108 χ^2/NDF : 3254.6/34

All: -55.621 ± 0.077 χ^2/NDF : 7572.9/69

- sign -55.722 ± 0.110 χ^2/NDF : 4316.7/34

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -9.006 $\pm$ 0.165 χ^2 /NDF: 338.1/17

Right Out: 2.733 $\pm$ 0.388 χ^2 /NDF: 58.9/18

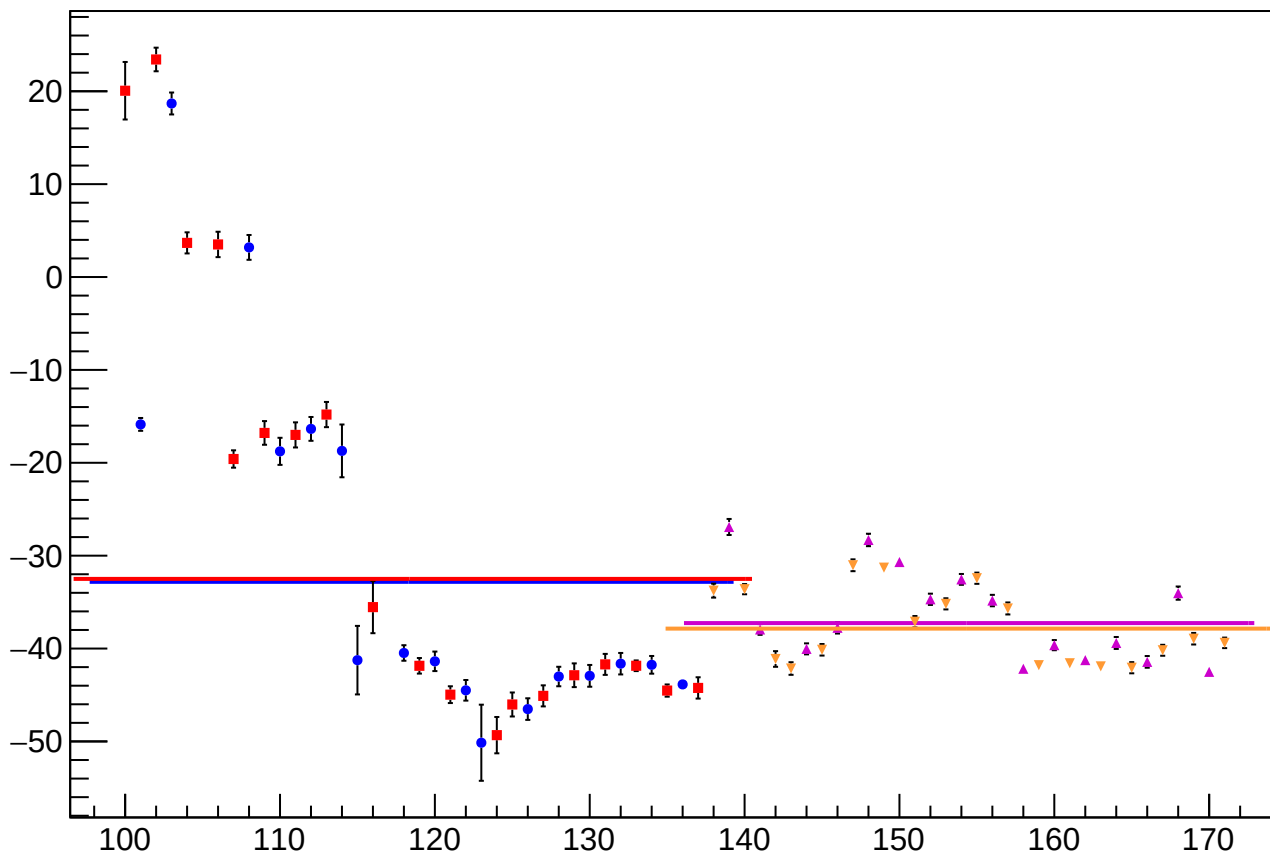
Left In: -9.120 $\pm$ 0.167 χ^2 /NDF: 675.6/15

+ sign -7.404 $\pm$ 0.153 χ^2 /NDF: 1034.8/34

All: -7.332 $\pm$ 0.108 χ^2 /NDF: 2558.0/69

- sign -7.259 $\pm$ 0.154 χ^2 /NDF: 1522.8/34

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817±/0.254 χ^2/NDF : 4666.6/16

Left Out: -37.854±/0.140 χ^2/NDF : 790.8/17

Right Out: -32.501±/0.244 χ^2/NDF : 6037.9/18

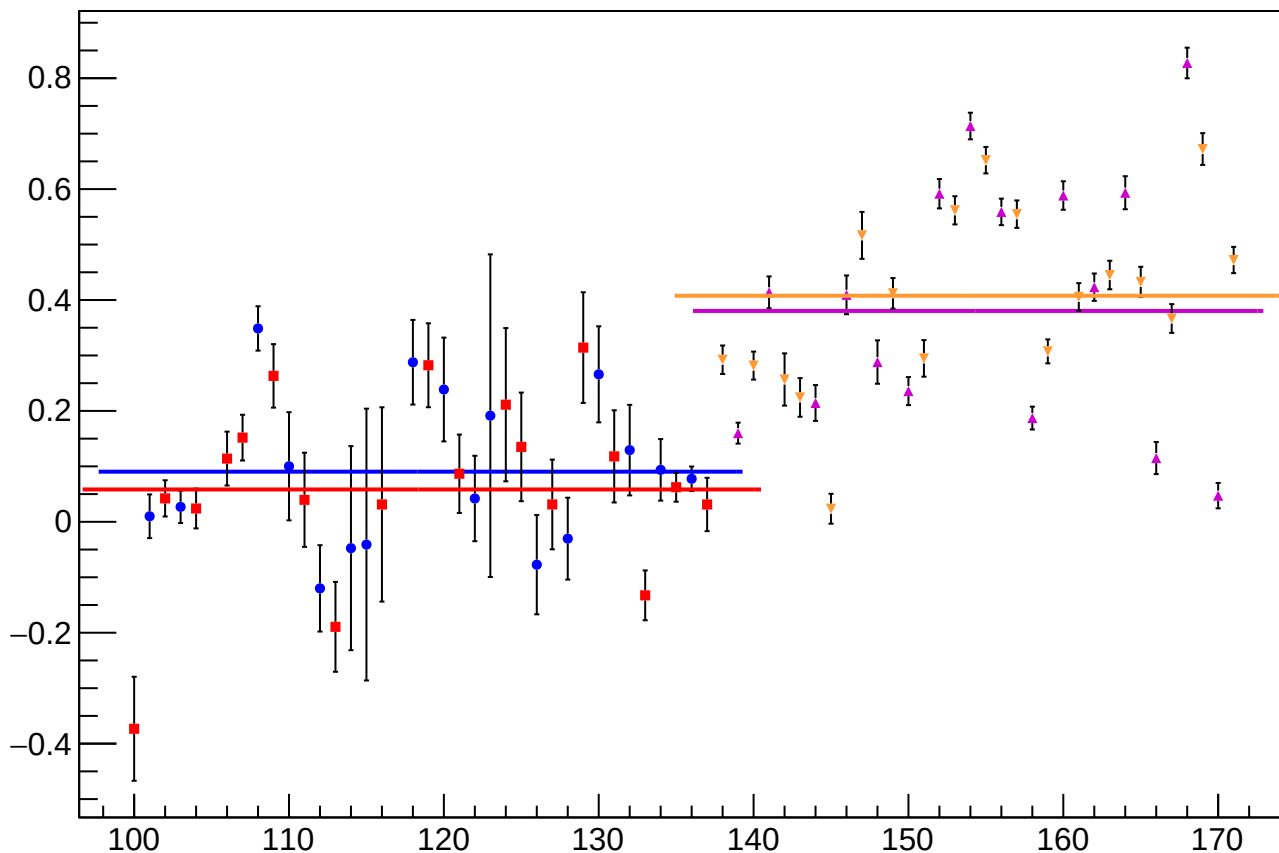
Left In: -37.258±/0.147 χ^2/NDF : 983.9/15

+ sign -36.674±/0.123 χ^2/NDF : 5758.6/34

All: -36.343±/0.088 χ^2/NDF : 13074.5/69

- sign -35.996±/0.126 χ^2/NDF : 7301.1/34

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.408 ± 0.006 χ^2/NDF : 601.4/17

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

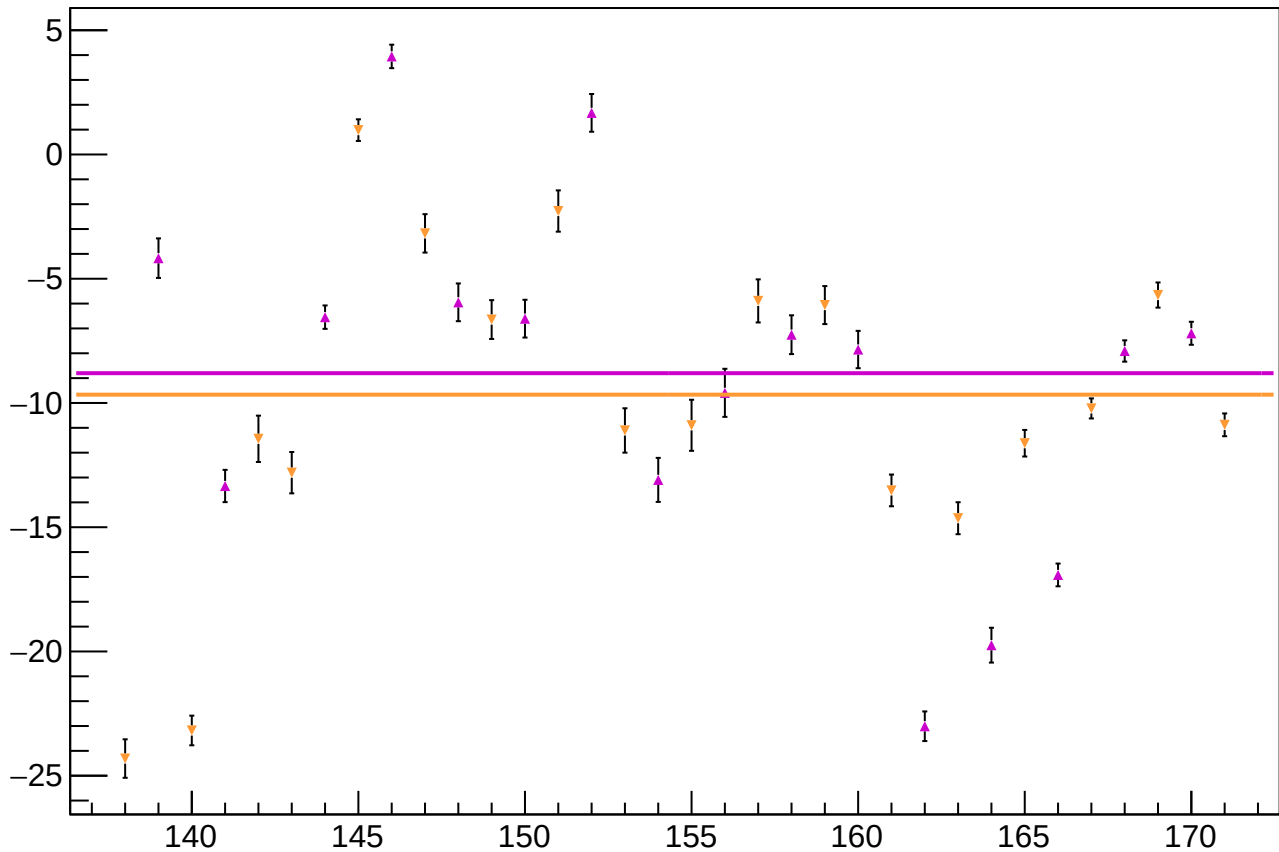
Left In: 0.380 ± 0.006 χ^2/NDF : 1281.4/15

+ sign 0.344 ± 0.006 χ^2/NDF : 1177.8/34

All: 0.327 ± 0.004 χ^2/NDF : 3112.8/69

- sign 0.309 ± 0.006 χ^2/NDF : 1916.6/34

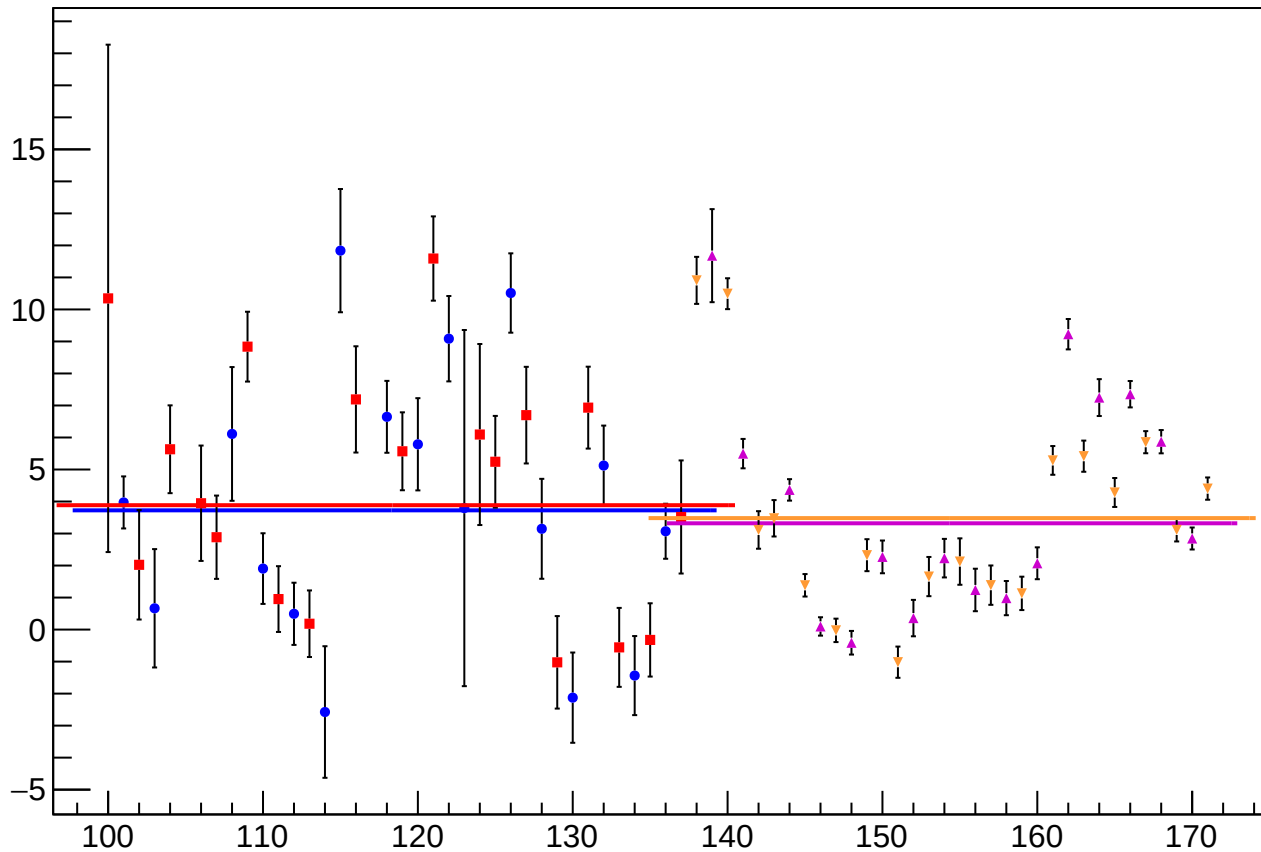
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.665+/-0.148 χ^2/NDF : 1875.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.801+/-0.151 χ^2/NDF : 2217.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.242+/-0.106 χ^2/NDF : 4109.1/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.482 ± 0.108 χ^2/NDF : 666.4/17

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

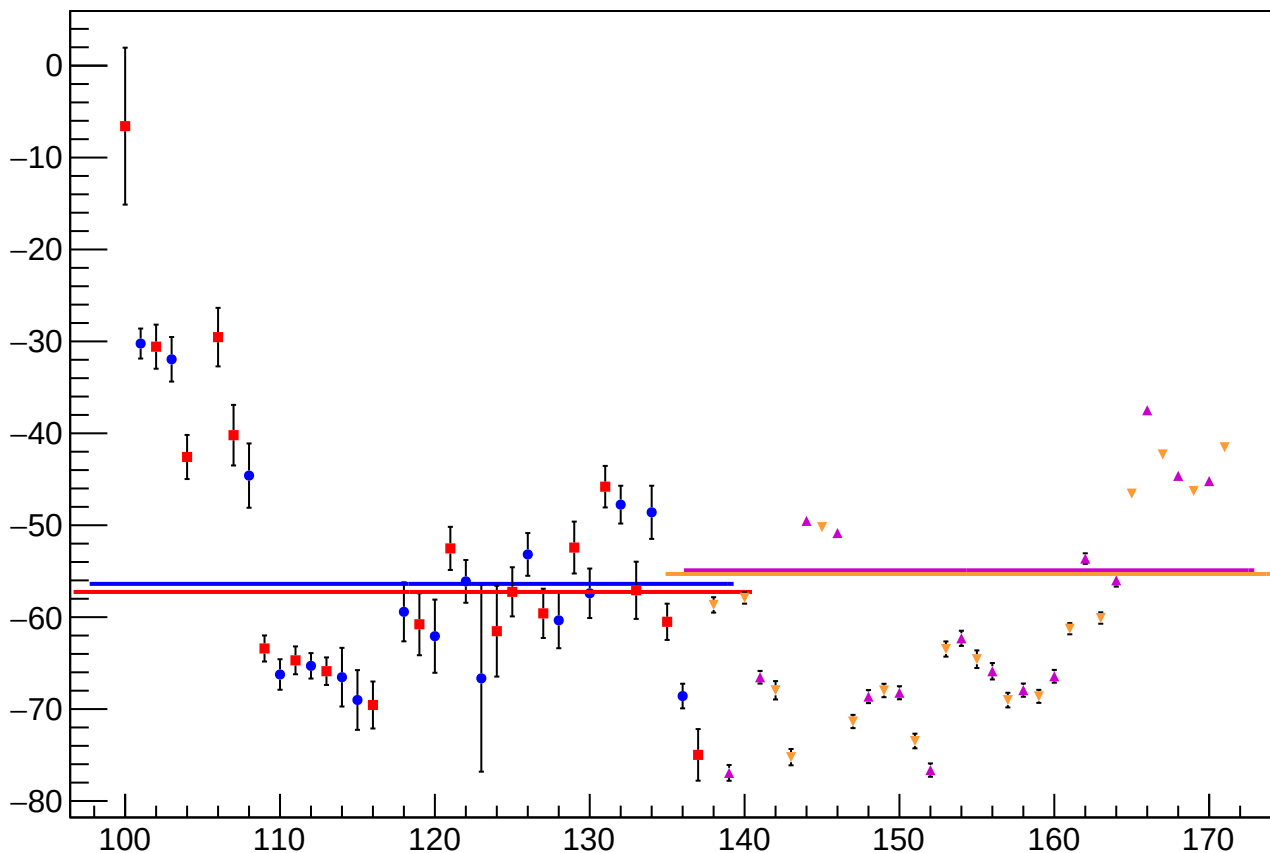
Left In: 3.320 ± 0.110 χ^2/NDF : 711.4/15

+ sign 3.509 ± 0.102 χ^2/NDF : 803.7/34

All: 3.446 ± 0.073 χ^2/NDF : 1653.1/69

- sign 3.381 ± 0.104 χ^2/NDF : 848.6/34

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -55.301 ± 0.148 χ^2/NDF : 5600.0/17

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

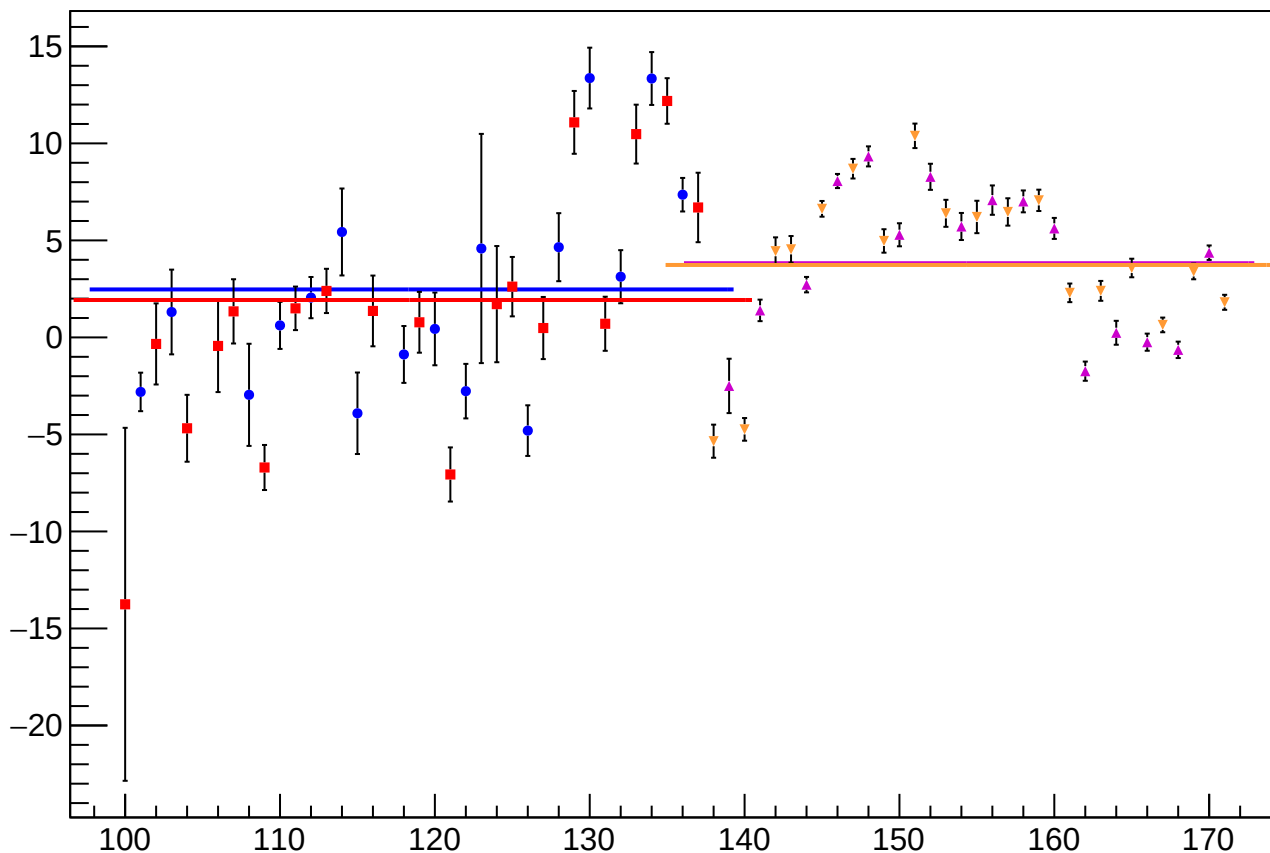
Left In: -54.904 ± 0.150 χ^2/NDF : 5982.4/15

+ sign -55.376 ± 0.143 χ^2/NDF : 6191.0/34

All: -55.227 ± 0.102 χ^2/NDF : 12669.6/69

- sign -55.075 ± 0.144 χ^2/NDF : 6476.4/34

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 3.734 ± 0.124 χ^2/NDF : 772.0/17

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

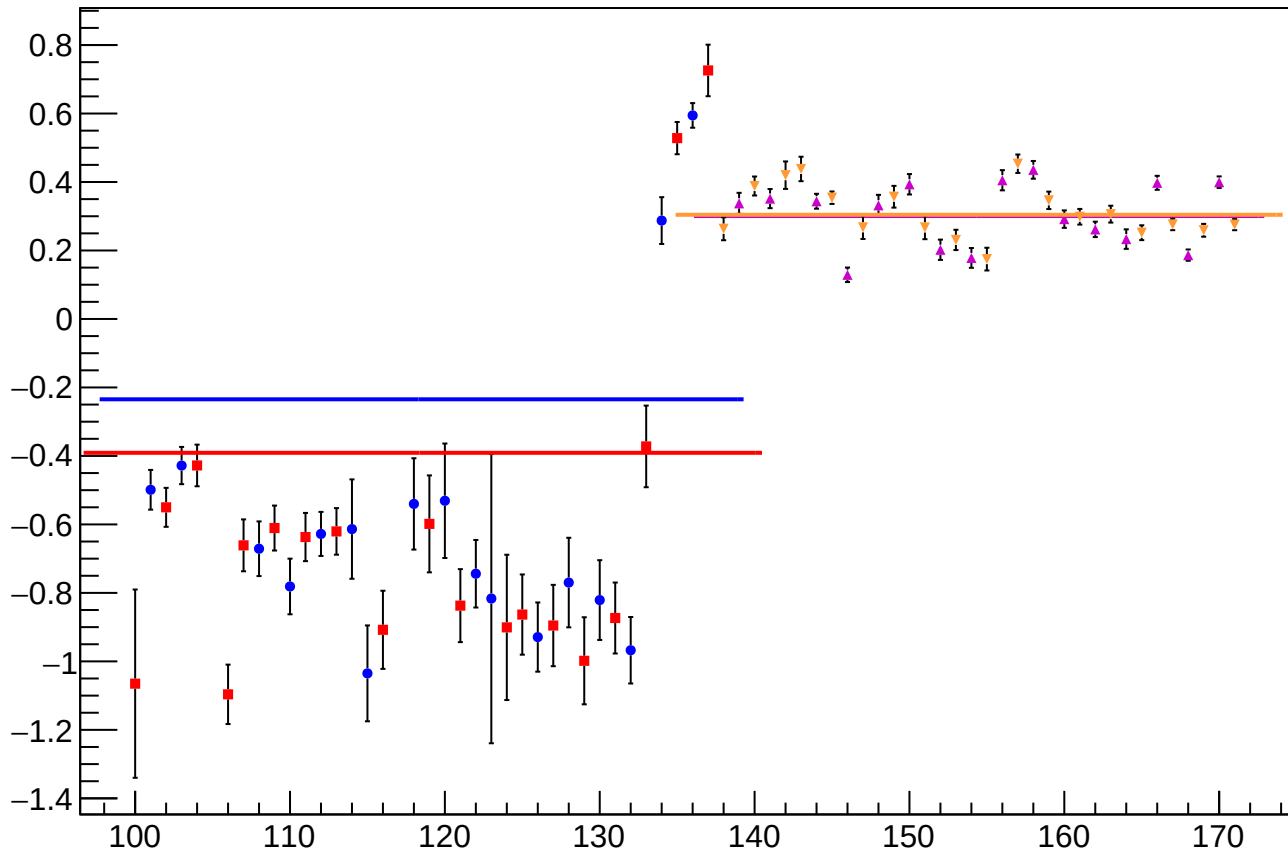
Left In: 3.824 ± 0.128 χ^2/NDF : 773.5/15

+ sign 3.590 ± 0.117 χ^2/NDF : 1027.4/34

All: 3.598 ± 0.084 χ^2/NDF : 2092.8/69

- sign 3.607 ± 0.120 χ^2/NDF : 1065.4/34

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.304 ± 0.006 χ^2/NDF : 118.3/17

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

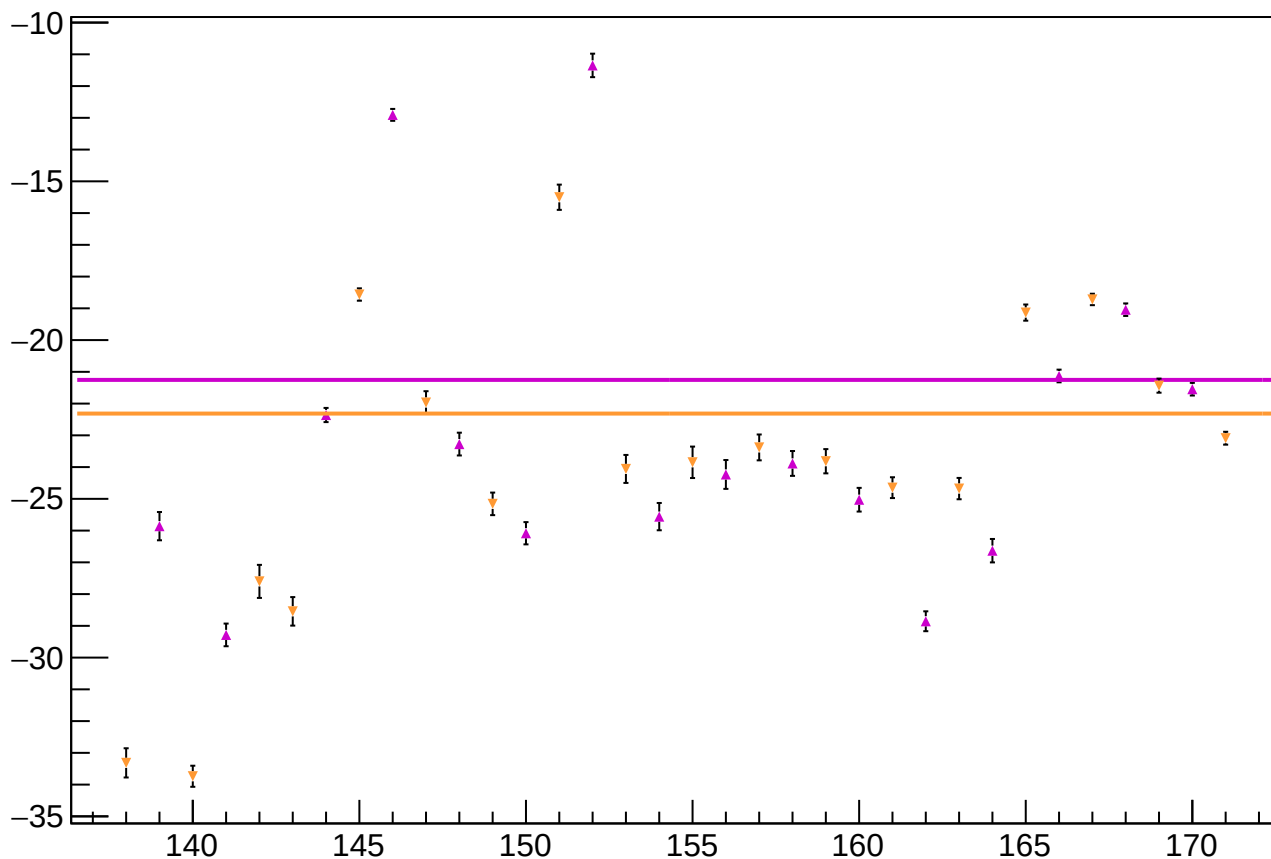
Left In: 0.301 ± 0.006 χ^2/NDF : 266.9/15

+ sign 0.258 ± 0.006 χ^2/NDF : 1822.8/34

All: 0.249 ± 0.004 χ^2/NDF : 4160.1/69

- sign 0.238 ± 0.006 χ^2/NDF : 2330.9/34

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -22.314 $\pm$ 0.070 χ^2 /NDF:3510.9/17

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

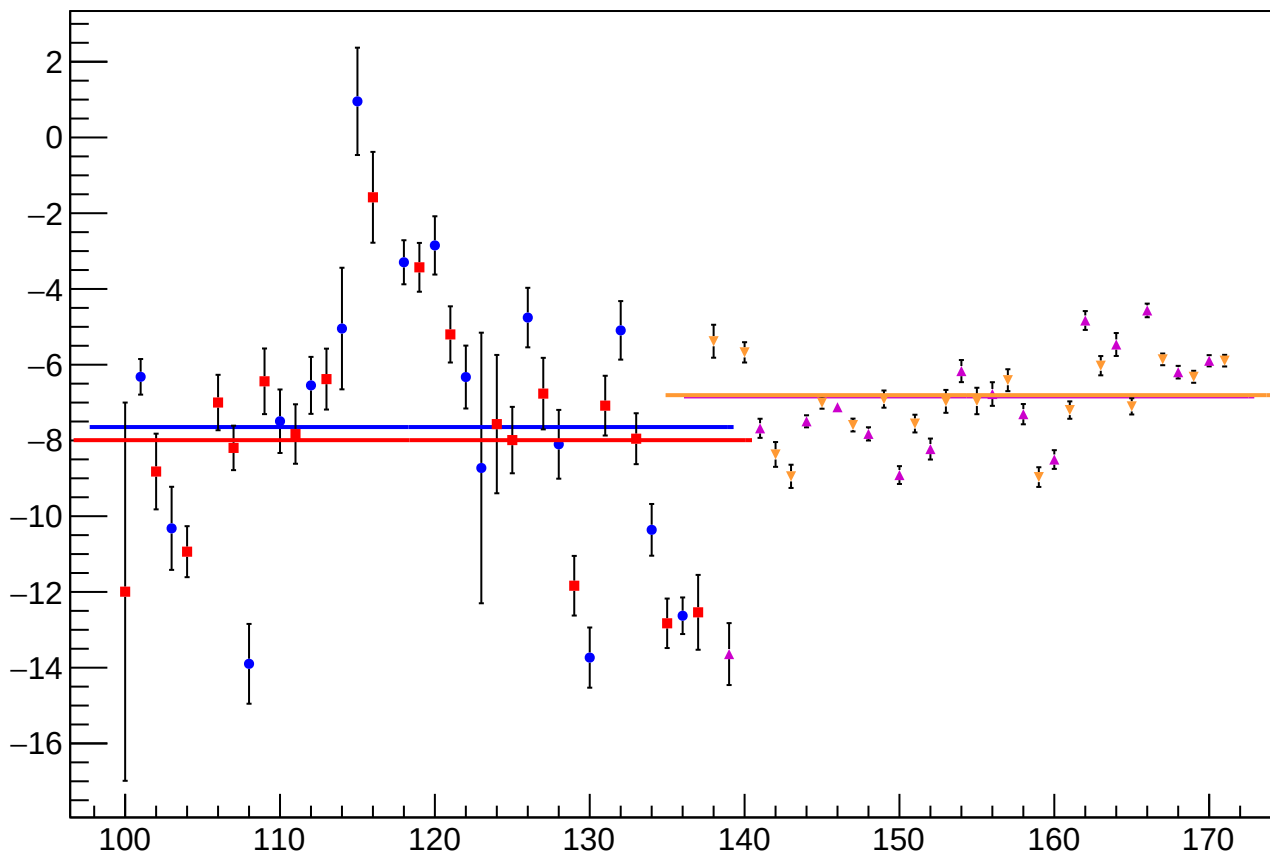
Left In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15

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

All: -21.784 $\pm$ 0.050 χ^2 /NDF: 8405.6/33

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

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -6.804 ± 0.051 χ^2/NDF : 301.5/17

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

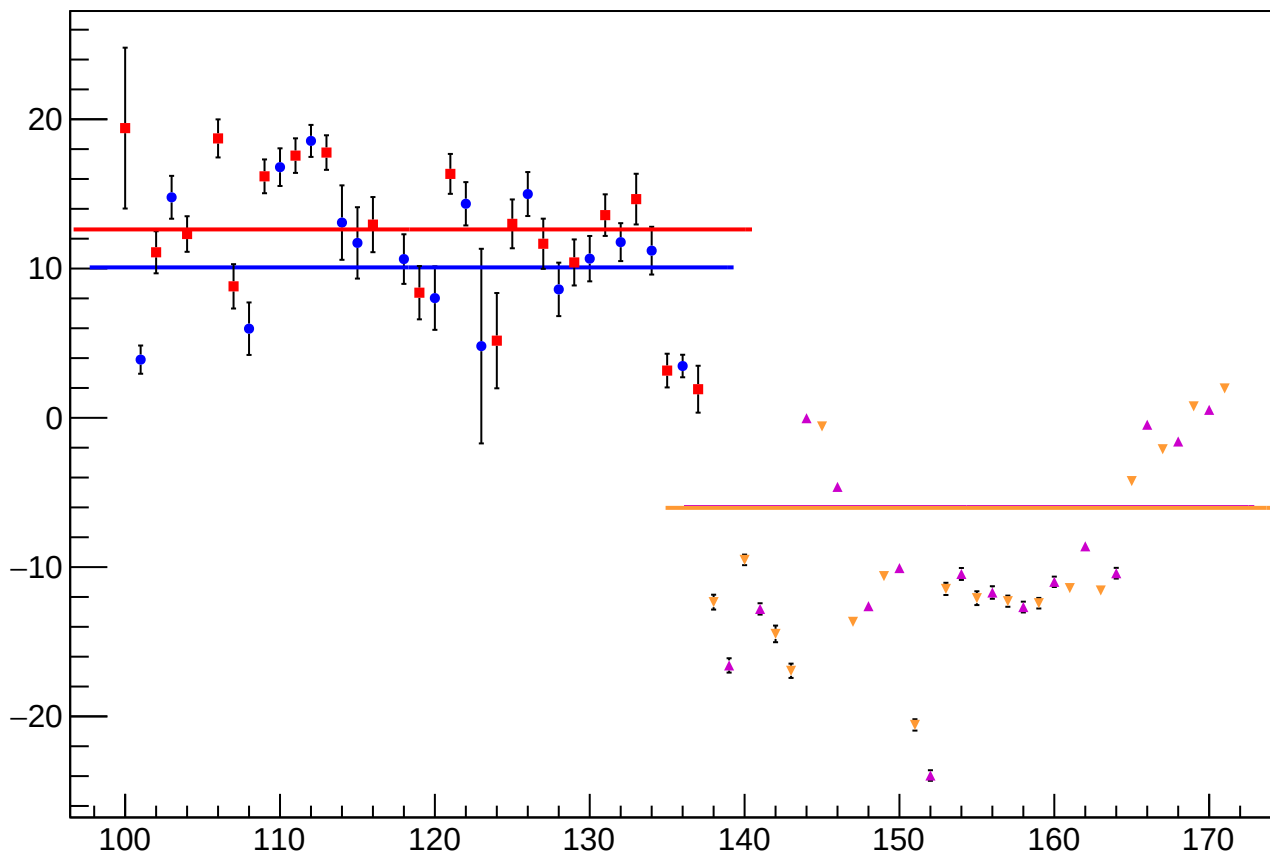
Left In: -6.838 ± 0.051 χ^2/NDF : 591.9/15

+ sign -6.864 ± 0.050 χ^2/NDF : 714.2/34

All: -6.892 ± 0.035 χ^2/NDF : 1568.1/69

- sign -6.919 ± 0.049 χ^2/NDF : 853.3/34

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -6.030 ± 0.070 $\chi^2/\text{NDF}: 8393.2/17$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

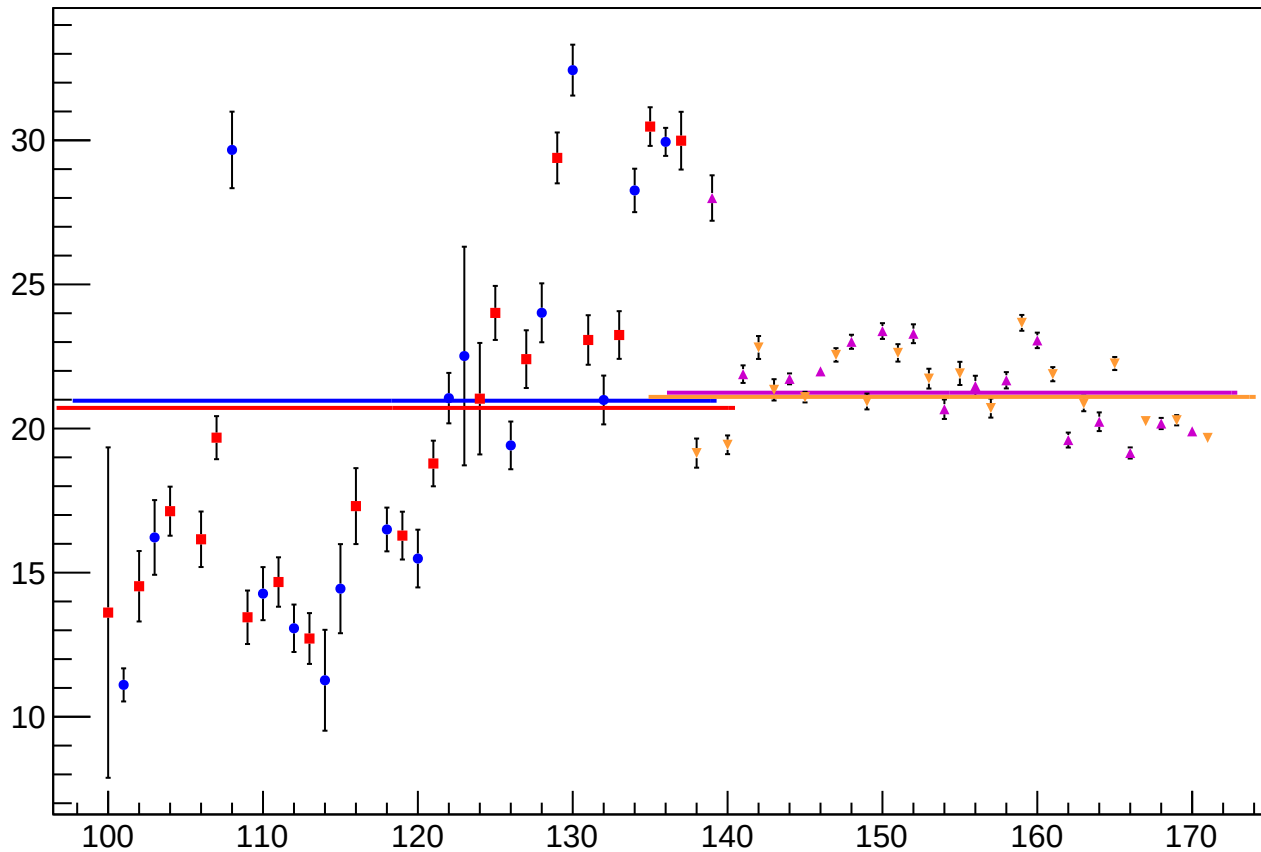
Left In: -5.974 ± 0.070 $\chi^2/\text{NDF}: 7979.0/15$

+ sign -5.359 ± 0.069 $\chi^2/\text{NDF}: 10838.2/34$

All: -5.275 ± 0.048 $\chi^2/\text{NDF}: 22037.0/69$

- sign -5.193 ± 0.068 $\chi^2/\text{NDF}: 11195.8/34$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 21.097 $\pm$ 0.059 χ^2 /NDF: 373.0/17

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

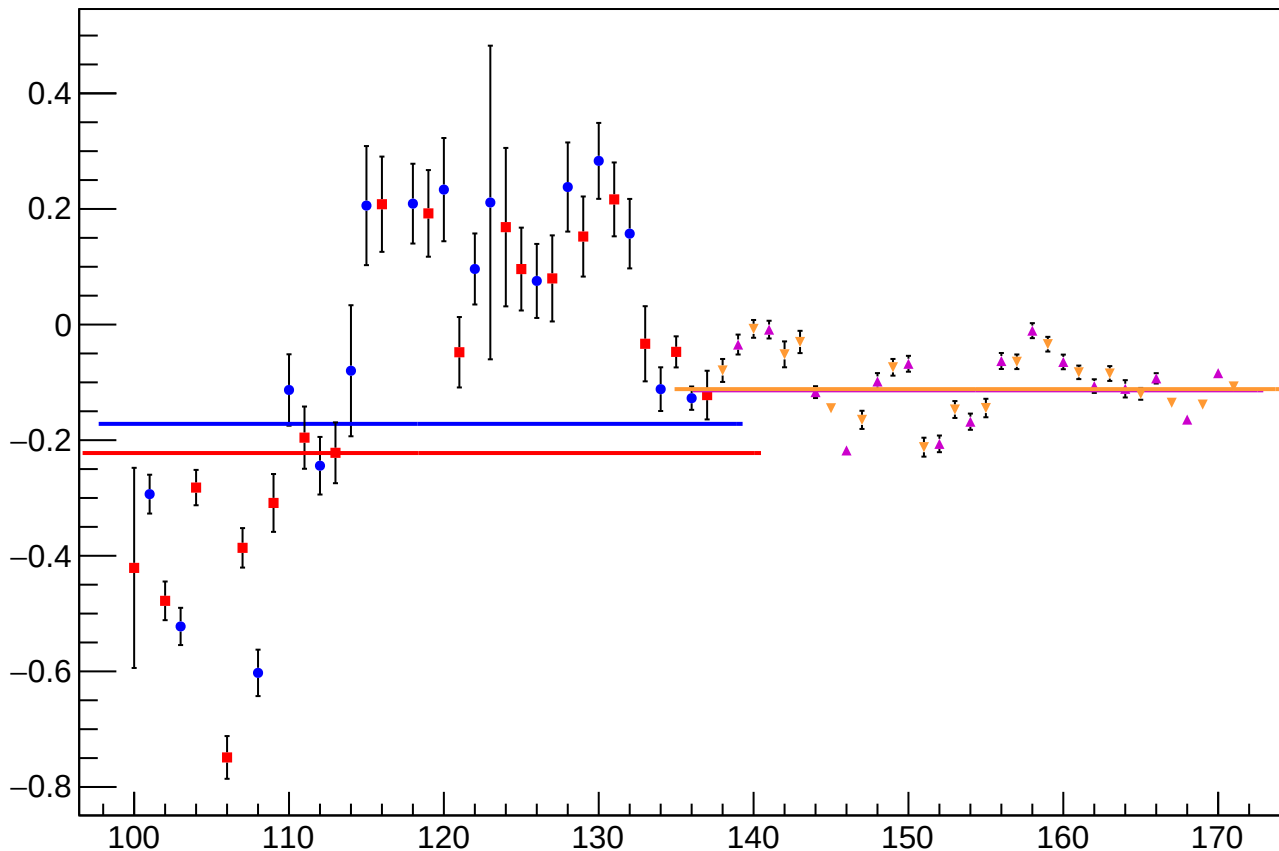
Left In: 21.243 $\pm$ 0.059 χ^2 /NDF: 580.2/15

+ sign 21.088 $\pm$ 0.057 χ^2 /NDF: 1598.8/34

All: 21.146 $\pm$ 0.040 χ^2 /NDF: 2916.8/69

- sign 21.205 $\pm$ 0.057 χ^2 /NDF: 1315.9/34

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 $\chi^2/\text{NDF}: 464.2/16$

Left Out: -0.112 ± 0.003 $\chi^2/\text{NDF}: 239.8/17$

Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 536.1/18$

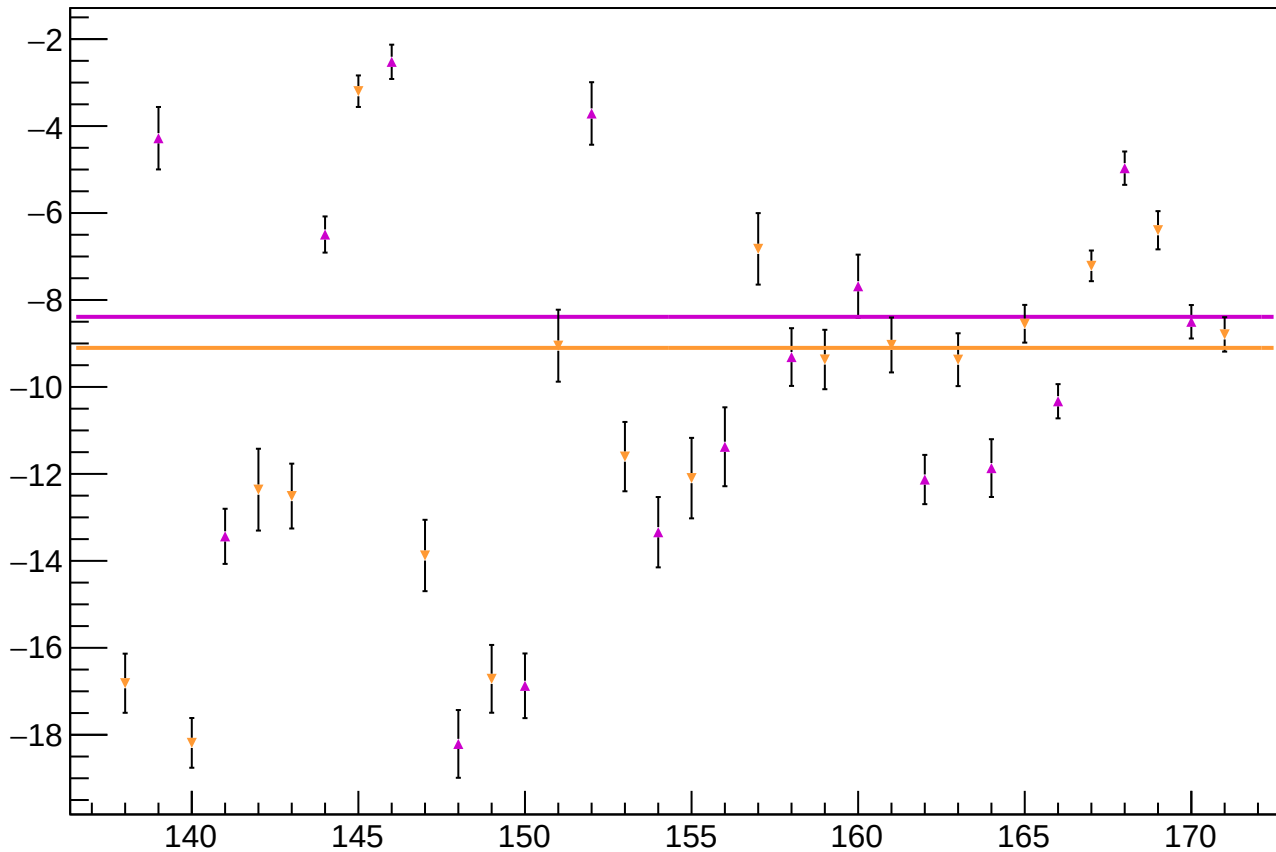
Left In: -0.114 ± 0.003 $\chi^2/\text{NDF}: 447.2/15$

+ sign -0.115 ± 0.003 $\chi^2/\text{NDF}: 731.3/34$

All: -0.118 ± 0.002 $\chi^2/\text{NDF}: 1808.8/69$

- sign -0.120 ± 0.003 $\chi^2/\text{NDF}: 1075.6/34$

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.102+/-0.133 χ^2/NDF : 904.9/17

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

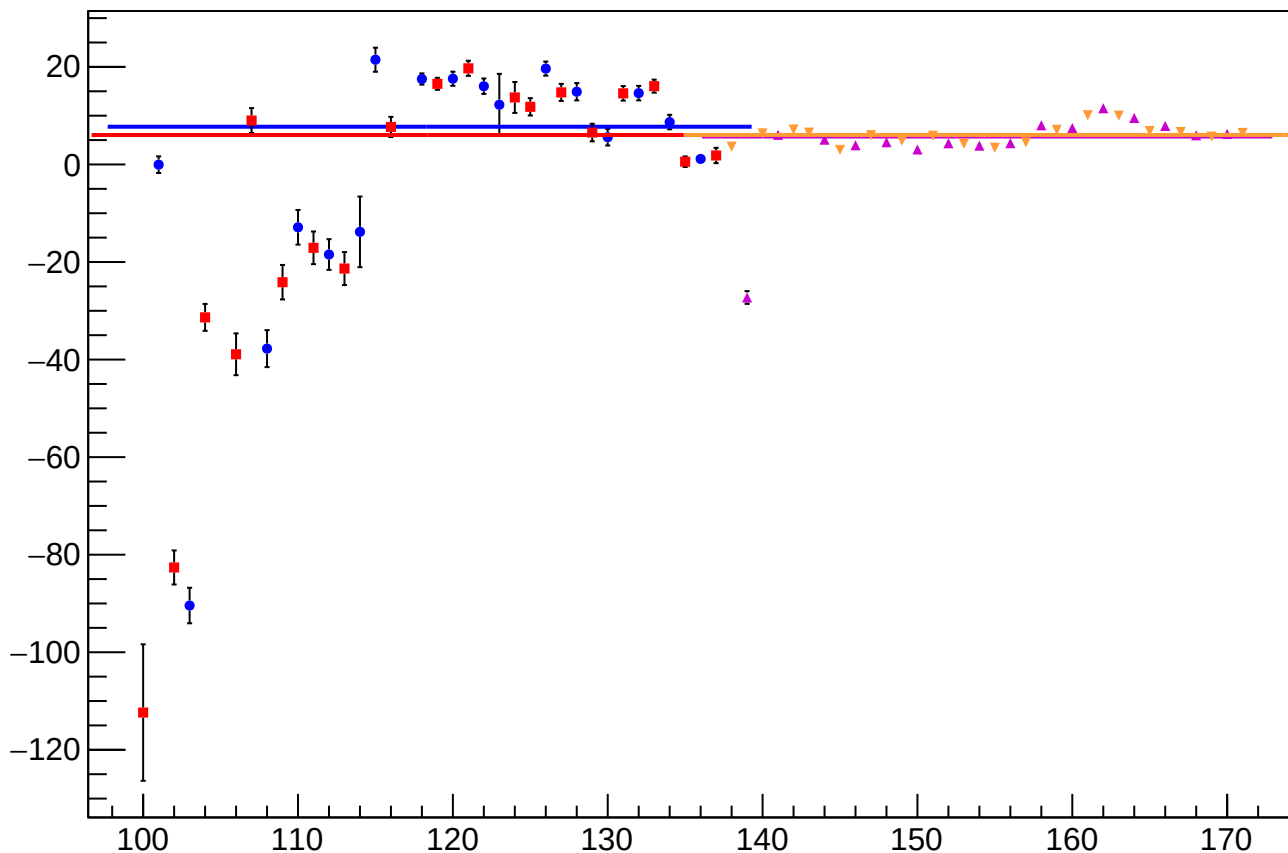
Left In: -8.388+/-0.136 χ^2/NDF : 895.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.753+/-0.095 χ^2/NDF : 1814.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 6.048 ± 0.098 χ^2/NDF : 345.3/17

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

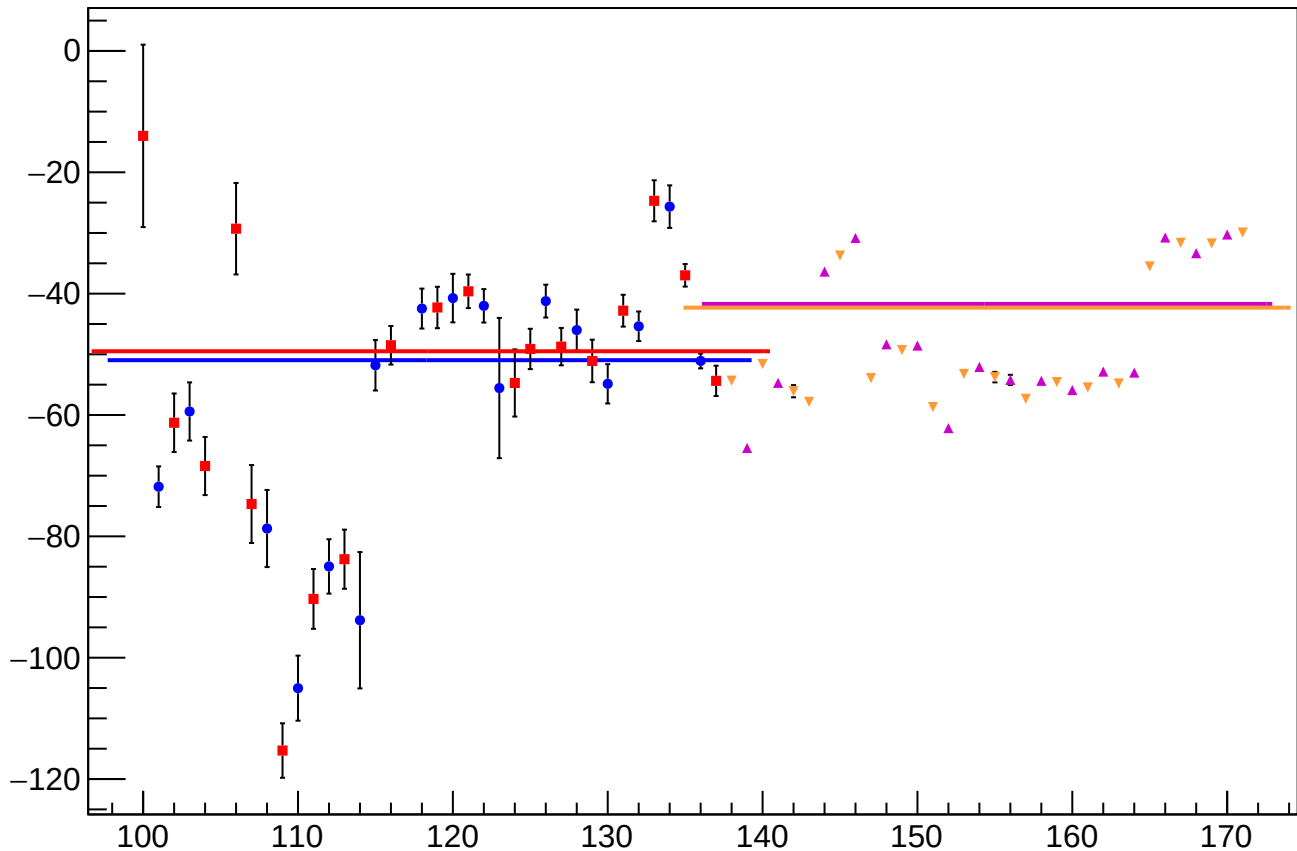
Left In: 5.725 ± 0.100 χ^2/NDF : 1047.5/15

+ sign 6.142 ± 0.095 χ^2/NDF : 1720.3/34

All: 5.946 ± 0.068 χ^2/NDF : 4289.1/69

- sign 5.741 ± 0.097 χ^2/NDF : 2560.2/34

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -42.307 ± 0.133 χ^2/NDF : 7070.9/17

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

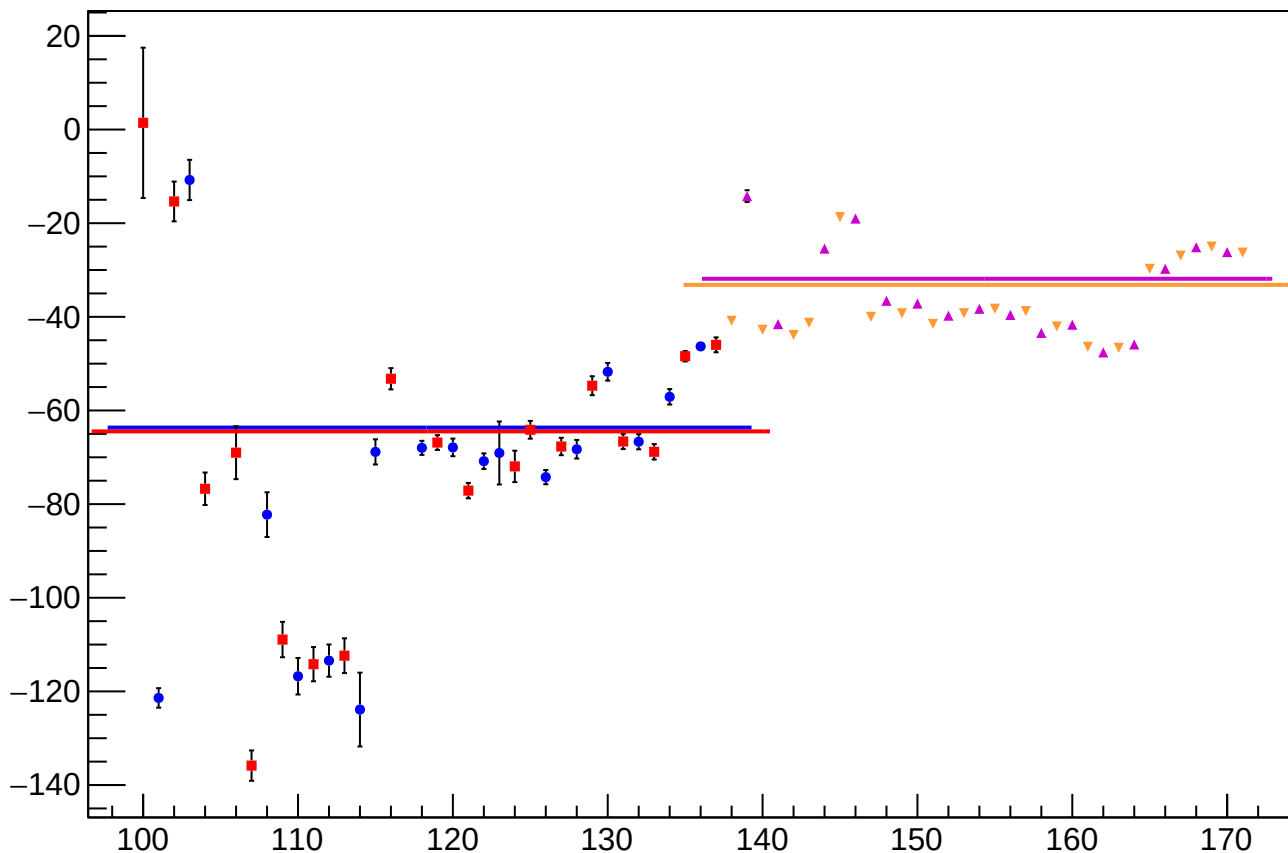
Left In: -41.699 ± 0.135 χ^2/NDF : 7435.5/15

+ sign -42.580 ± 0.131 χ^2/NDF : 7537.0/34

All: -42.251 ± 0.093 χ^2/NDF : 15588.7/69

- sign -41.914 ± 0.133 χ^2/NDF : 8038.9/34

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -33.175 ± 0.112 χ^2/NDF : 6607.8/17

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

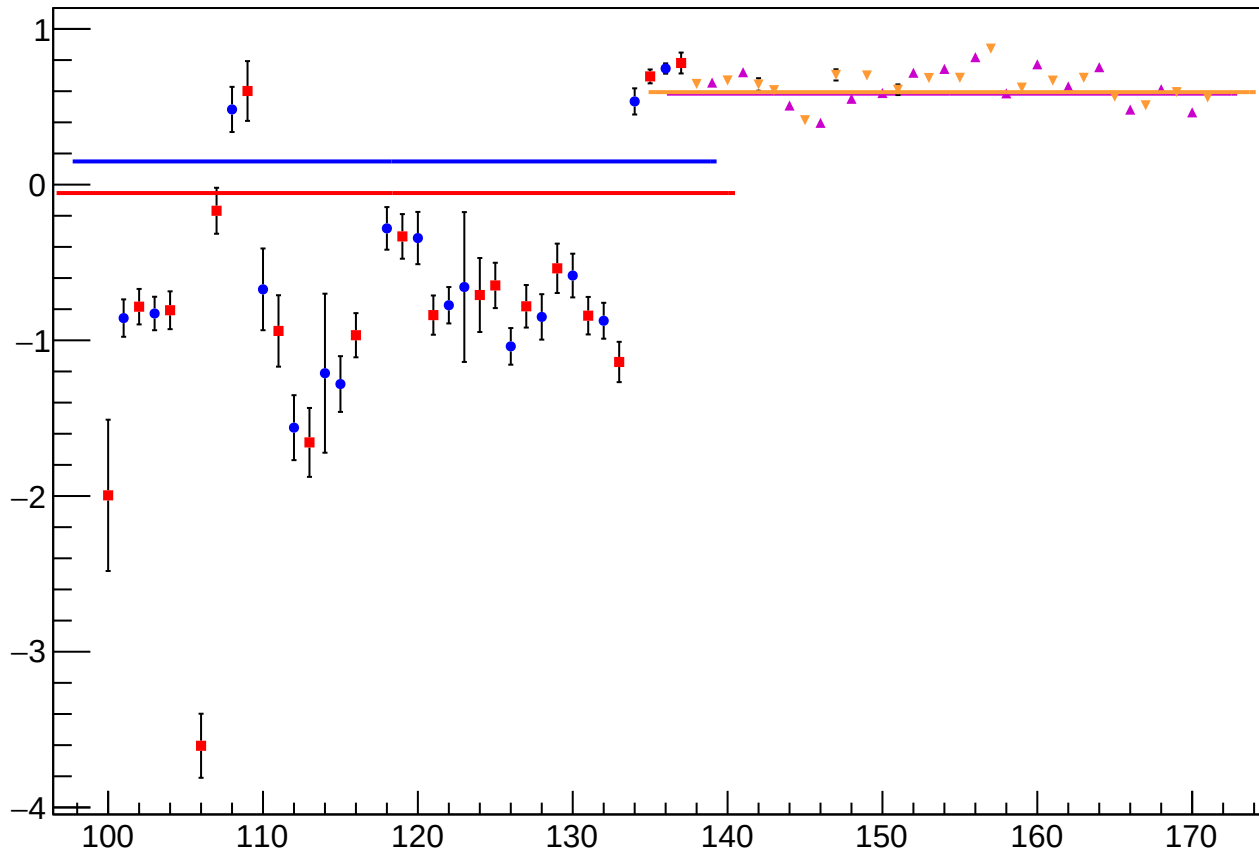
Left In: -31.871 ± 0.115 χ^2/NDF : 6371.7/15

+ sign -34.989 ± 0.109 χ^2/NDF : 13027.9/34

All: -34.328 ± 0.078 χ^2/NDF : 25401.5/69

- sign -33.627 ± 0.112 χ^2/NDF : 12297.3/34

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.594 $\pm$ 0.005 χ^2 /NDF: 386.5/17

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

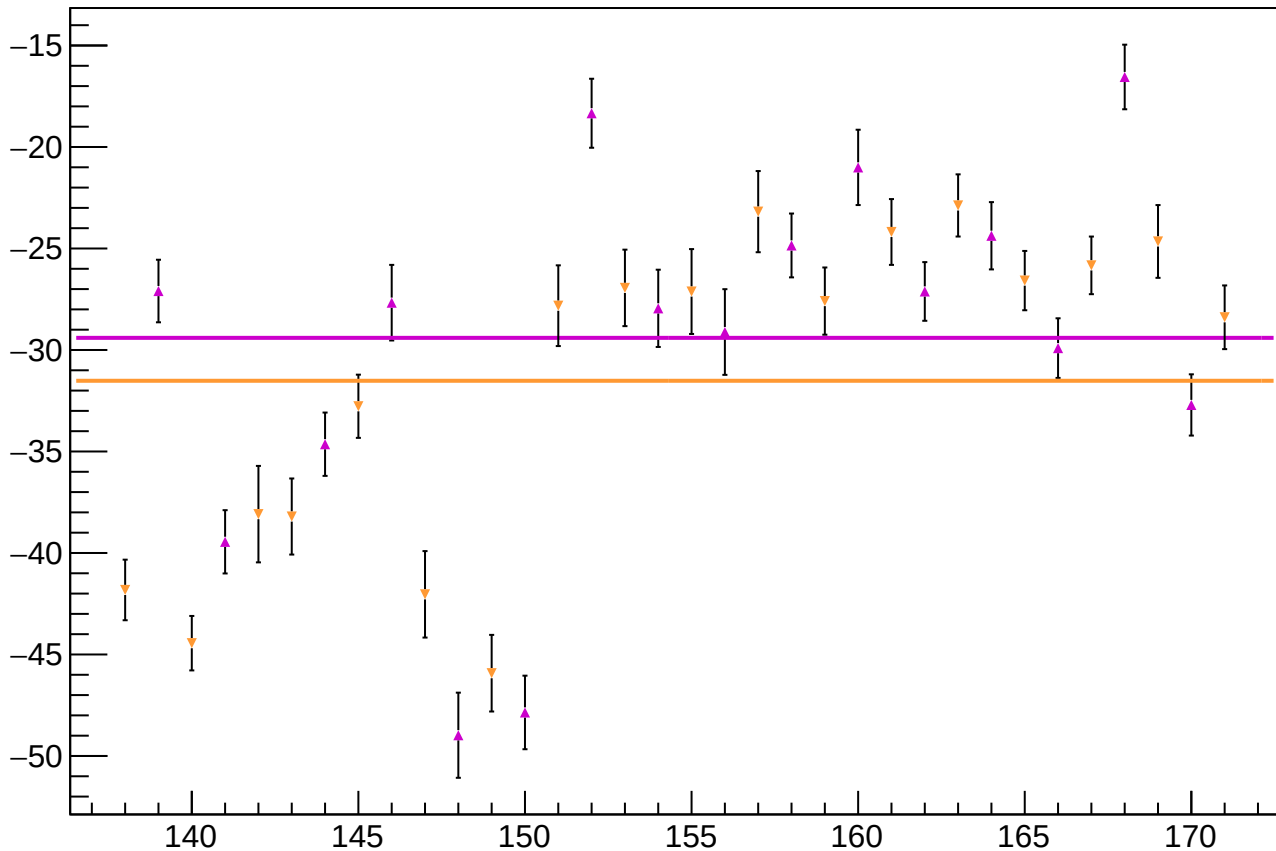
Left In: 0.584 $\pm$ 0.005 χ^2 /NDF: 503.3/15

+ sign 0.574 $\pm$ 0.005 χ^2 /NDF: 1706.0/34

All: 0.567 $\pm$ 0.004 χ^2 /NDF: 3951.5/69

- sign 0.559 $\pm$ 0.005 χ^2 /NDF: 2240.8/34

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.516 $\pm$ 0.400 χ^2/NDF : 379.3/17

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

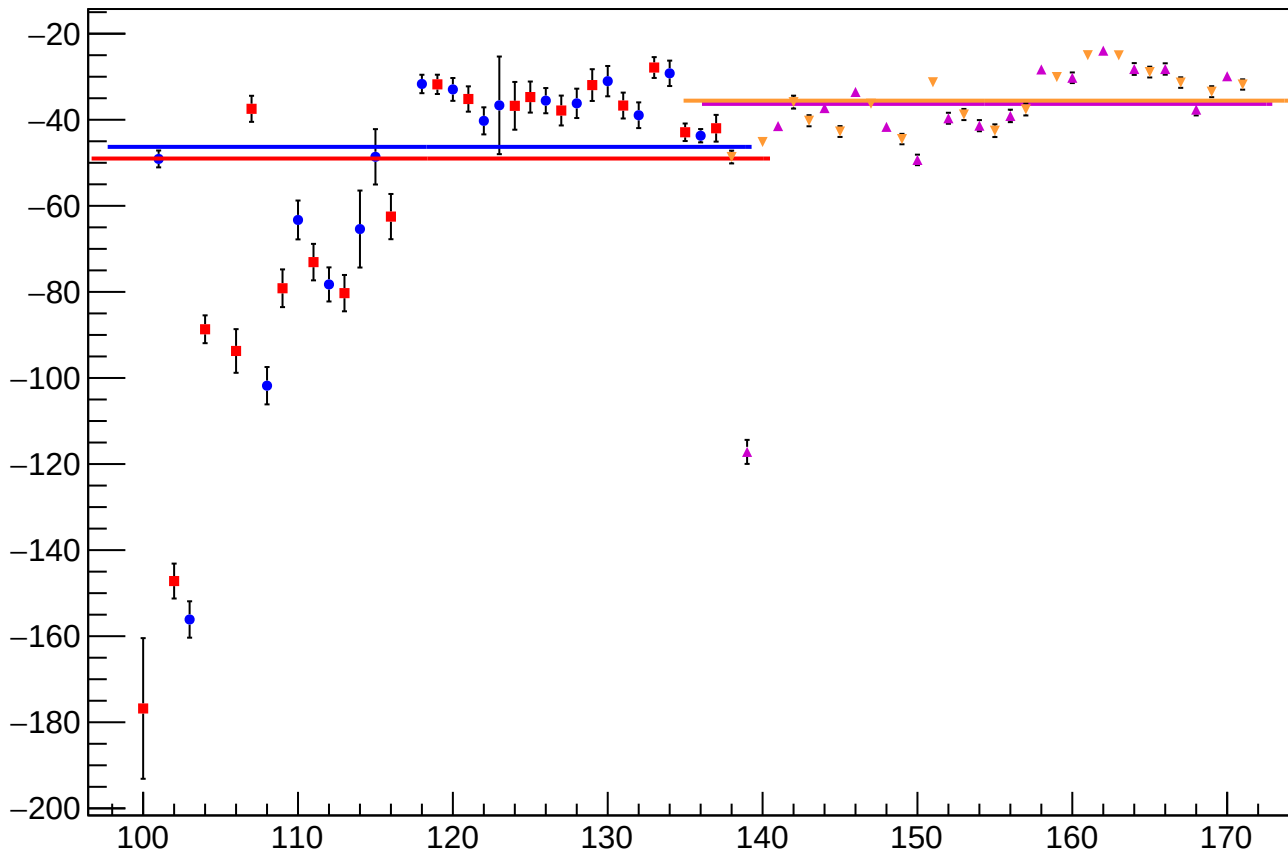
Left In: -29.402 $\pm$ 0.417 χ^2/NDF : 400.5/15

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

All: -30.503 $\pm$ 0.289 χ^2/NDF : 793.3/33

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.561 ± 0.291 χ^2/NDF : 542.5/17

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

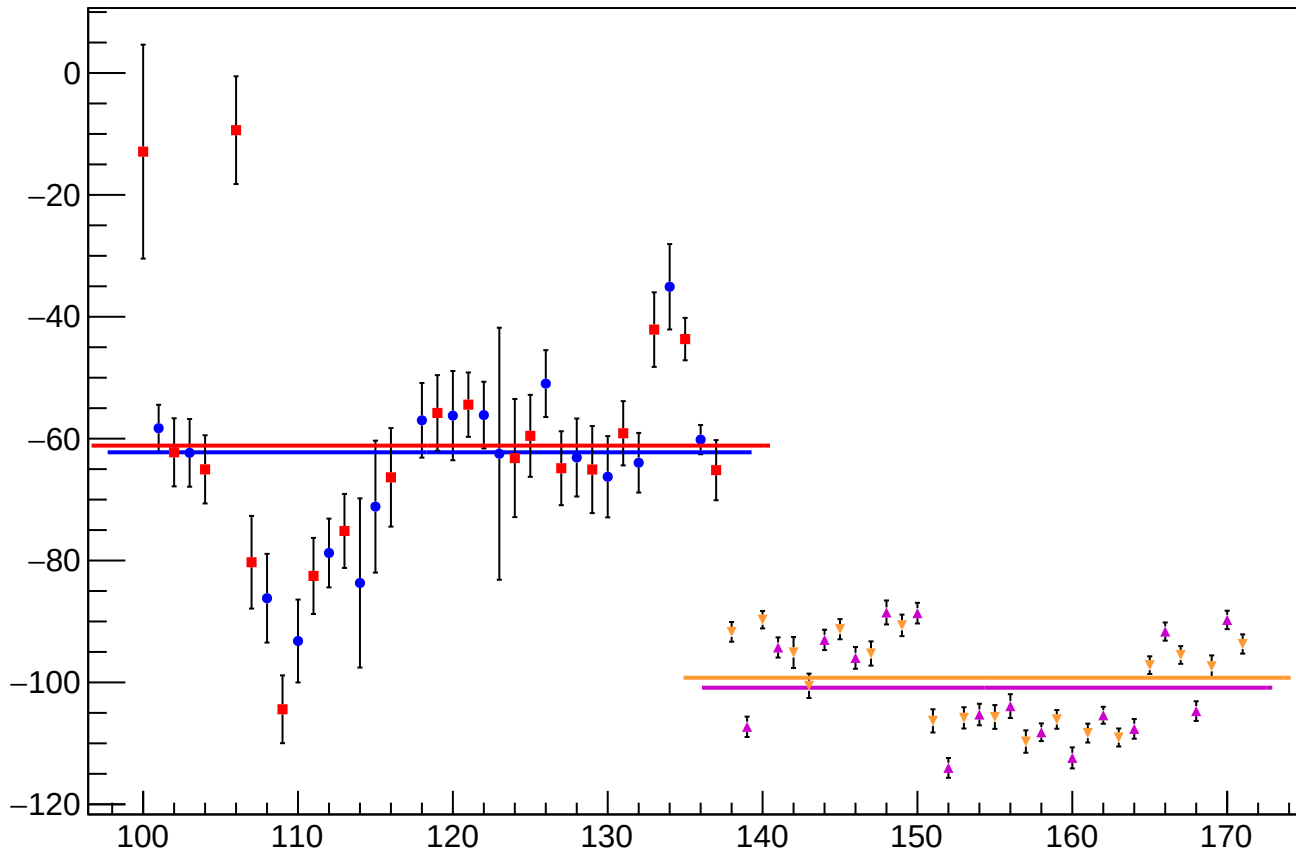
Left In: -36.314 ± 0.308 χ^2/NDF : 1332.3/15

+ sign -37.060 ± 0.270 χ^2/NDF : 1816.5/34

All: -37.547 ± 0.196 χ^2/NDF : 4664.9/69

- sign -38.093 ± 0.286 χ^2/NDF : 2841.5/34

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -99.231 ± 0.397 χ^2/NDF : 311.7/17

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

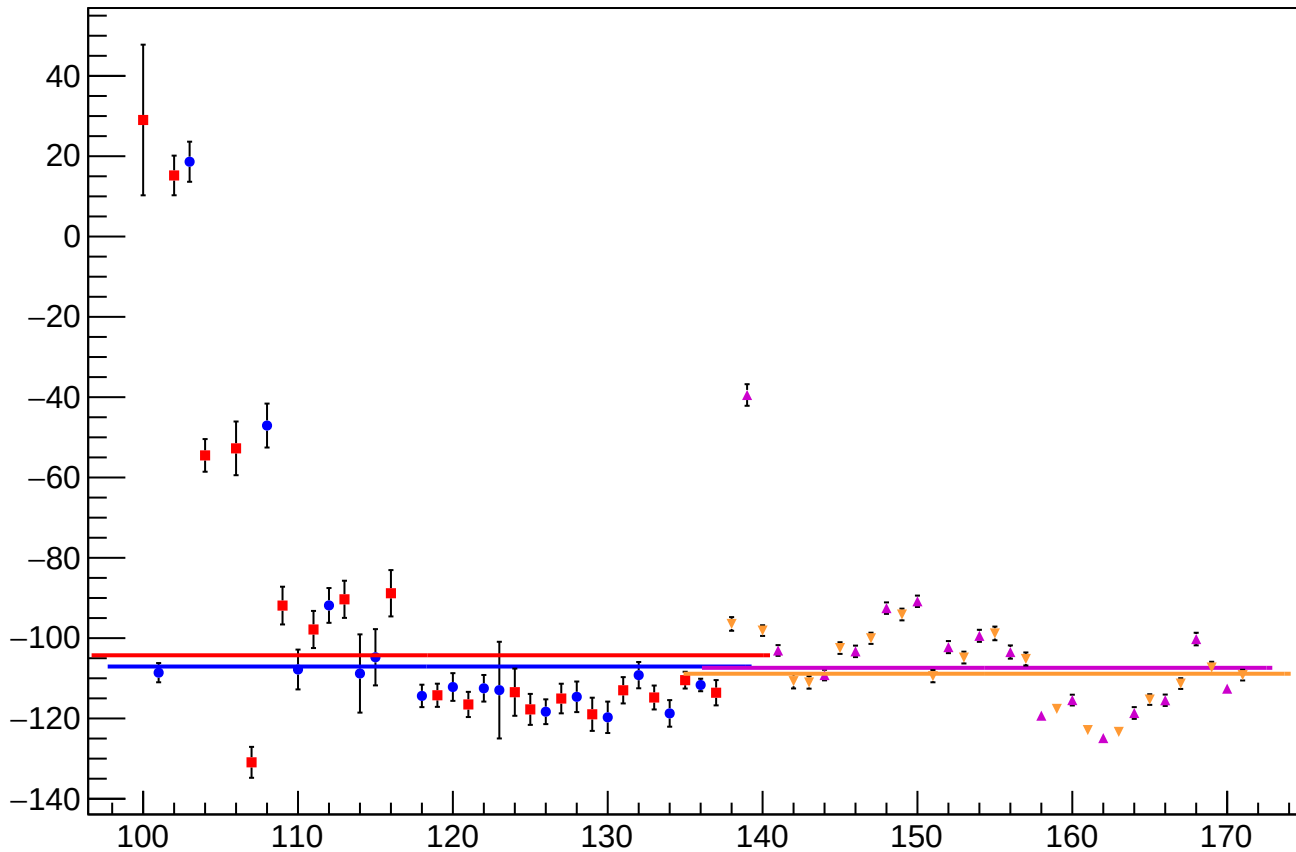
Left In: -100.867 ± 0.410 χ^2/NDF : 421.9/15

+ sign -96.117 ± 0.380 χ^2/NDF : 1109.1/34

All: -96.853 ± 0.273 χ^2/NDF : 2466.3/69

- sign -97.641 ± 0.393 χ^2/NDF : 1349.4/34

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -108.864 ± 0.334 χ^2/NDF : 686.0/17

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

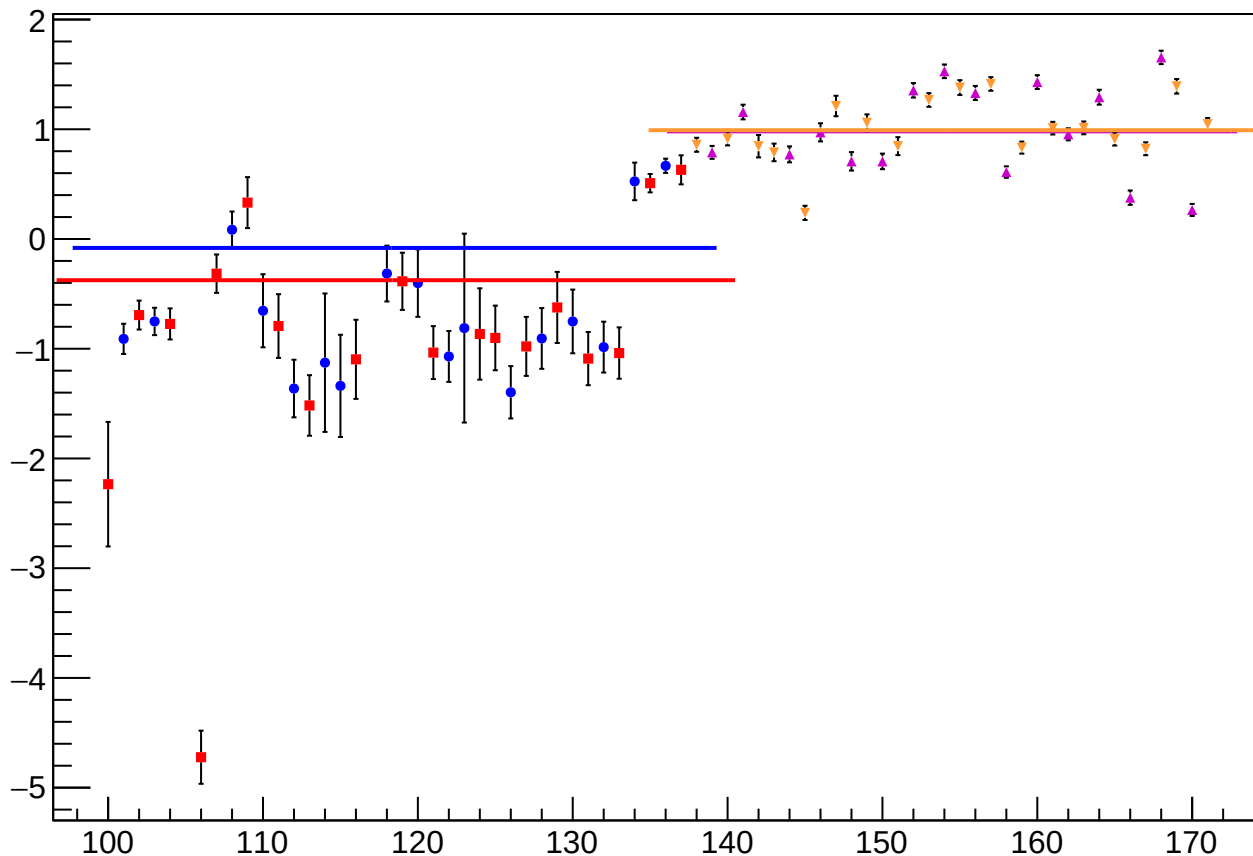
Left In: -107.391 ± 0.352 χ^2/NDF : 1435.3/15

+ sign -108.603 ± 0.309 χ^2/NDF : 1518.6/34

All: -107.818 ± 0.224 χ^2/NDF : 3997.5/69

- sign -106.944 ± 0.326 χ^2/NDF : 2465.3/34

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.991 ± 0.015 χ^2/NDF : 313.1/17

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

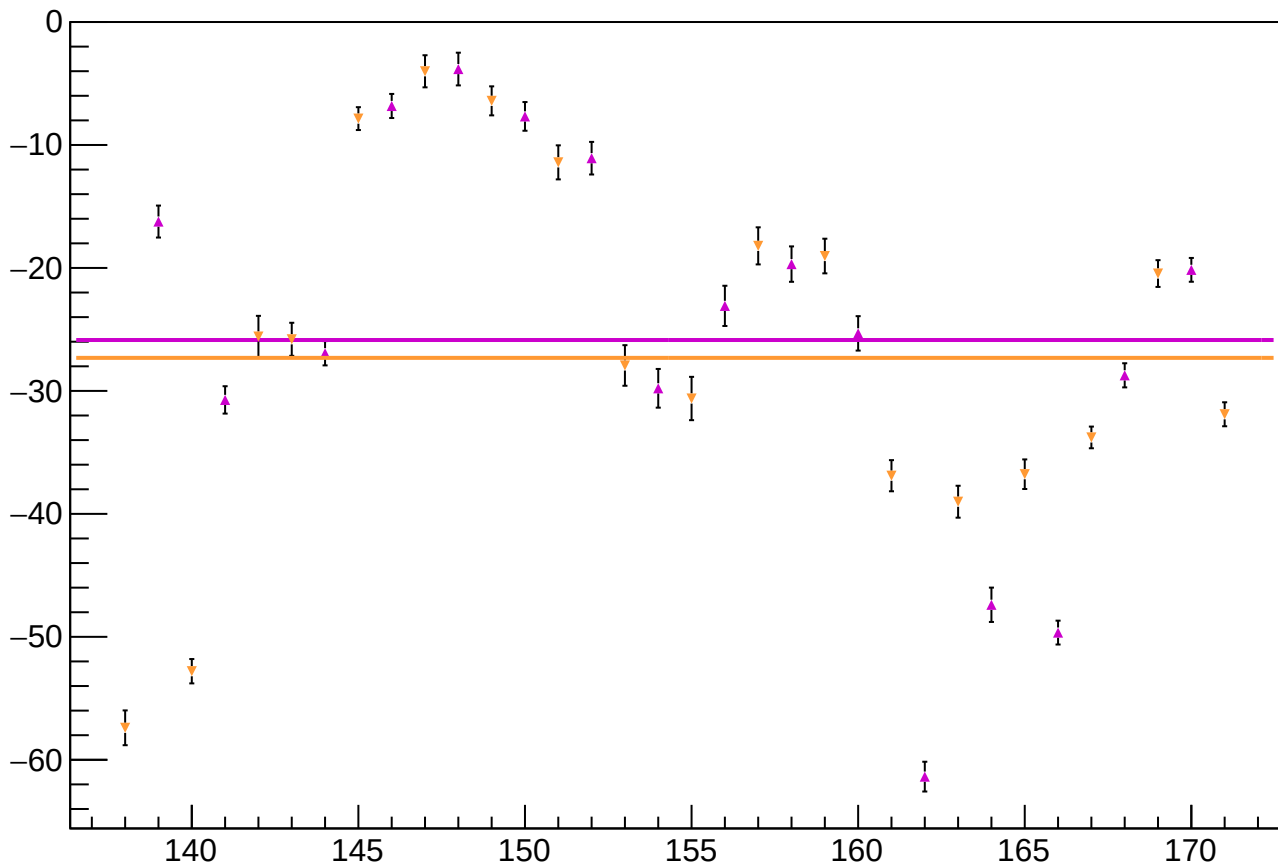
Left In: 0.981 ± 0.016 χ^2/NDF : 689.0/15

+ sign 0.865 ± 0.014 χ^2/NDF : 1212.8/34

All: 0.844 ± 0.010 χ^2/NDF : 3332.6/69

- sign 0.822 ± 0.015 χ^2/NDF : 2115.6/34

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -27.312 ± 0.287 χ^2/NDF : 2710.3/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

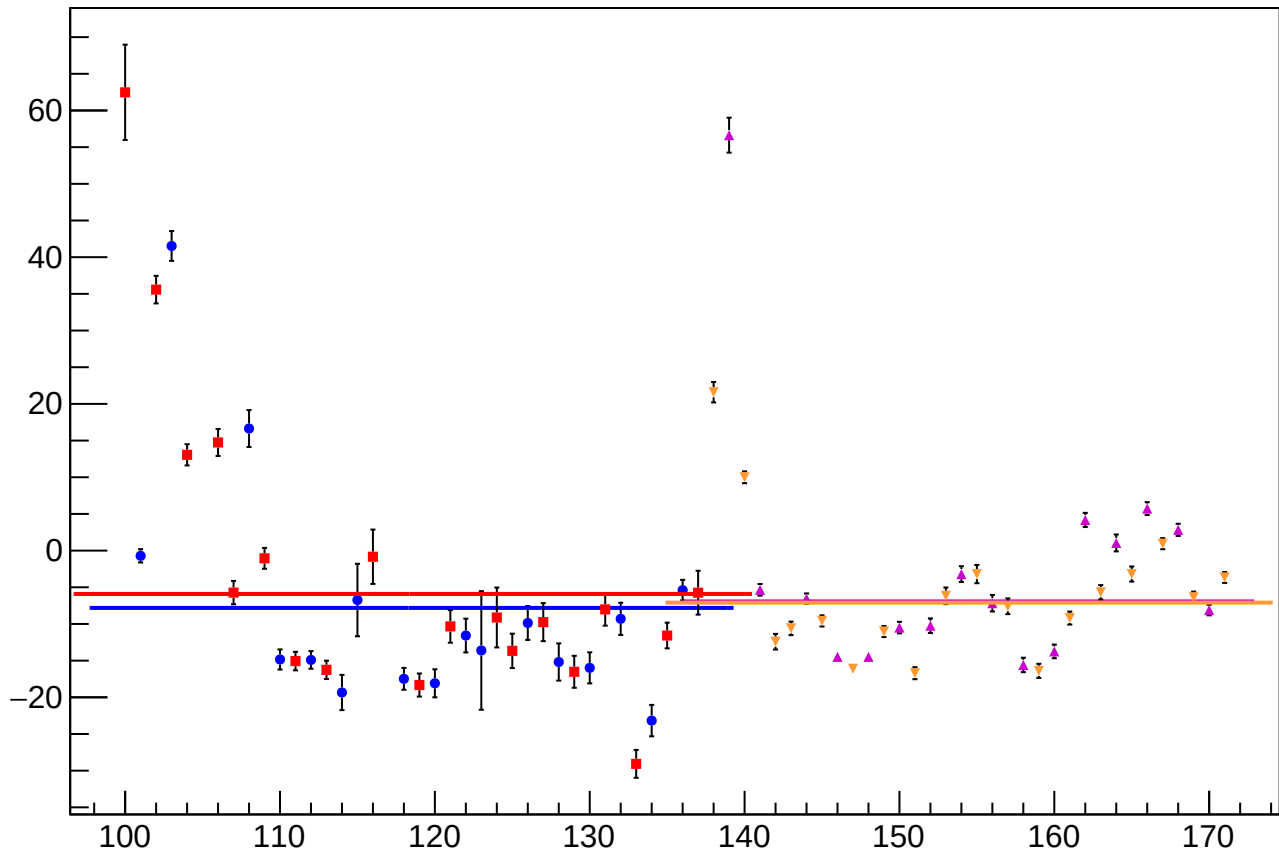
Left In: -25.860 ± 0.295 χ^2/NDF : 2864.1/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.607 ± 0.206 χ^2/NDF : 5586.8/33

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -7.092 ± 0.206 χ^2/NDF : 1556.4/17

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

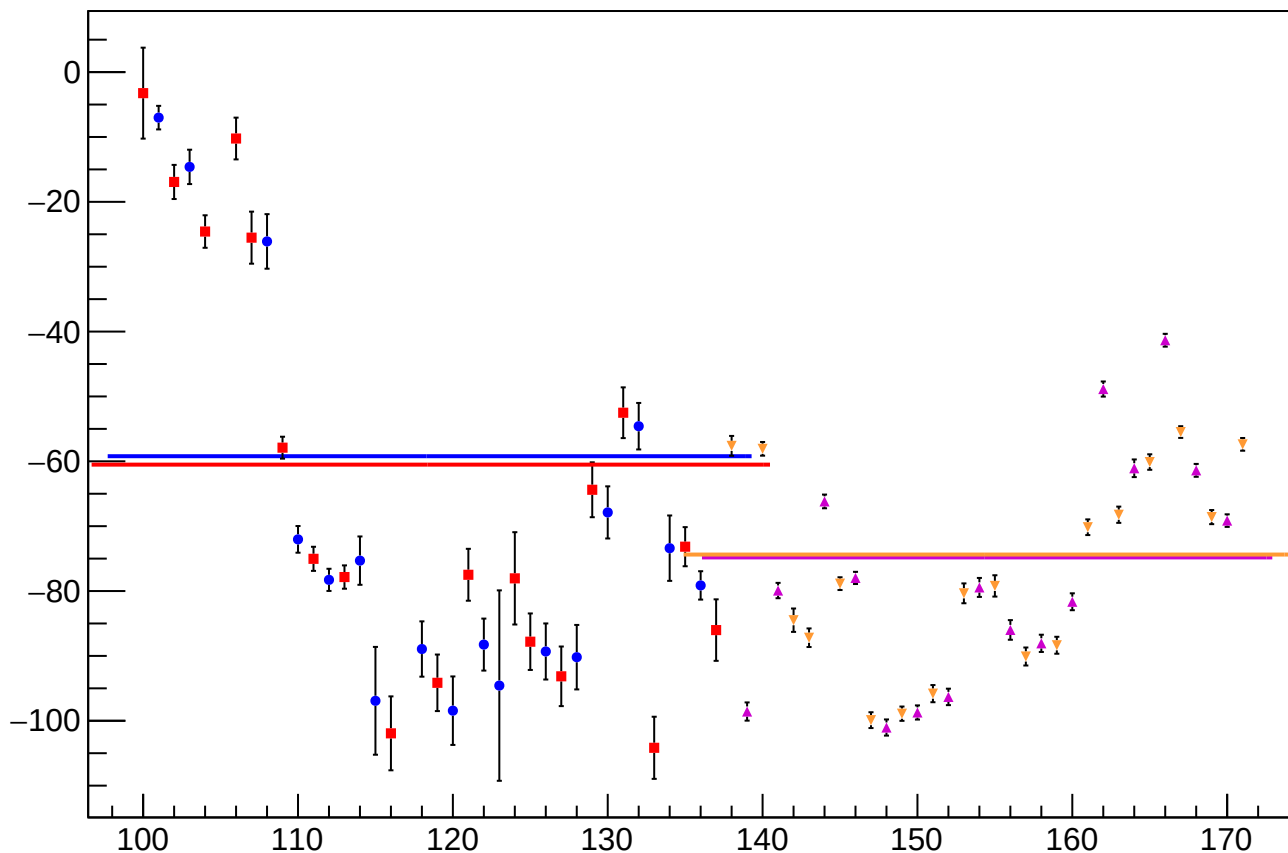
Left In: -6.926 ± 0.214 χ^2/NDF : 1706.8/15

+ sign -7.228 ± 0.186 χ^2/NDF : 2541.4/34

All: -6.983 ± 0.133 χ^2/NDF : 5549.3/69

- sign -6.723 ± 0.192 χ^2/NDF : 3004.3/34

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -74.375 ± 0.286 χ^2/NDF : 2896.8/17

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

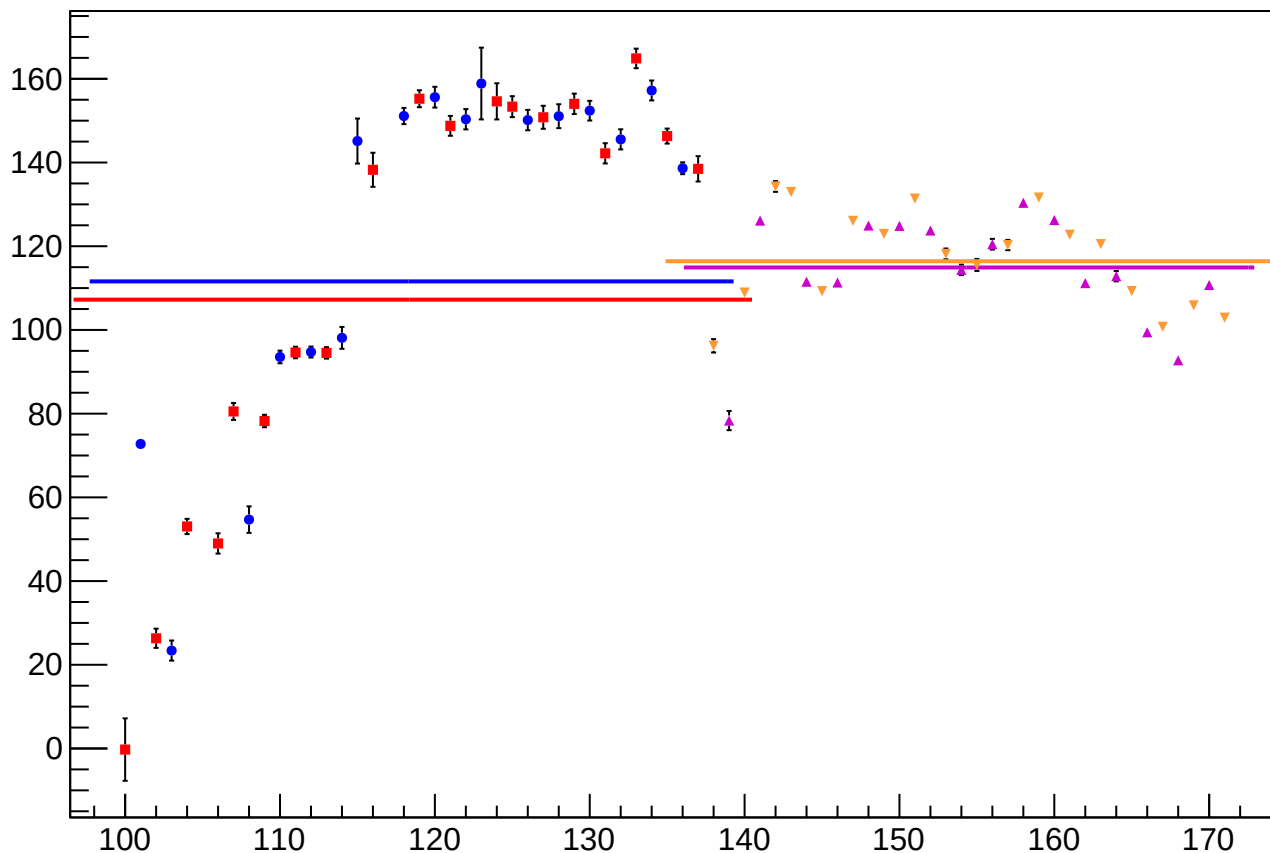
Left In: -74.818 ± 0.291 χ^2/NDF : 3745.1/15

+ sign -72.426 ± 0.267 χ^2/NDF : 4979.3/34

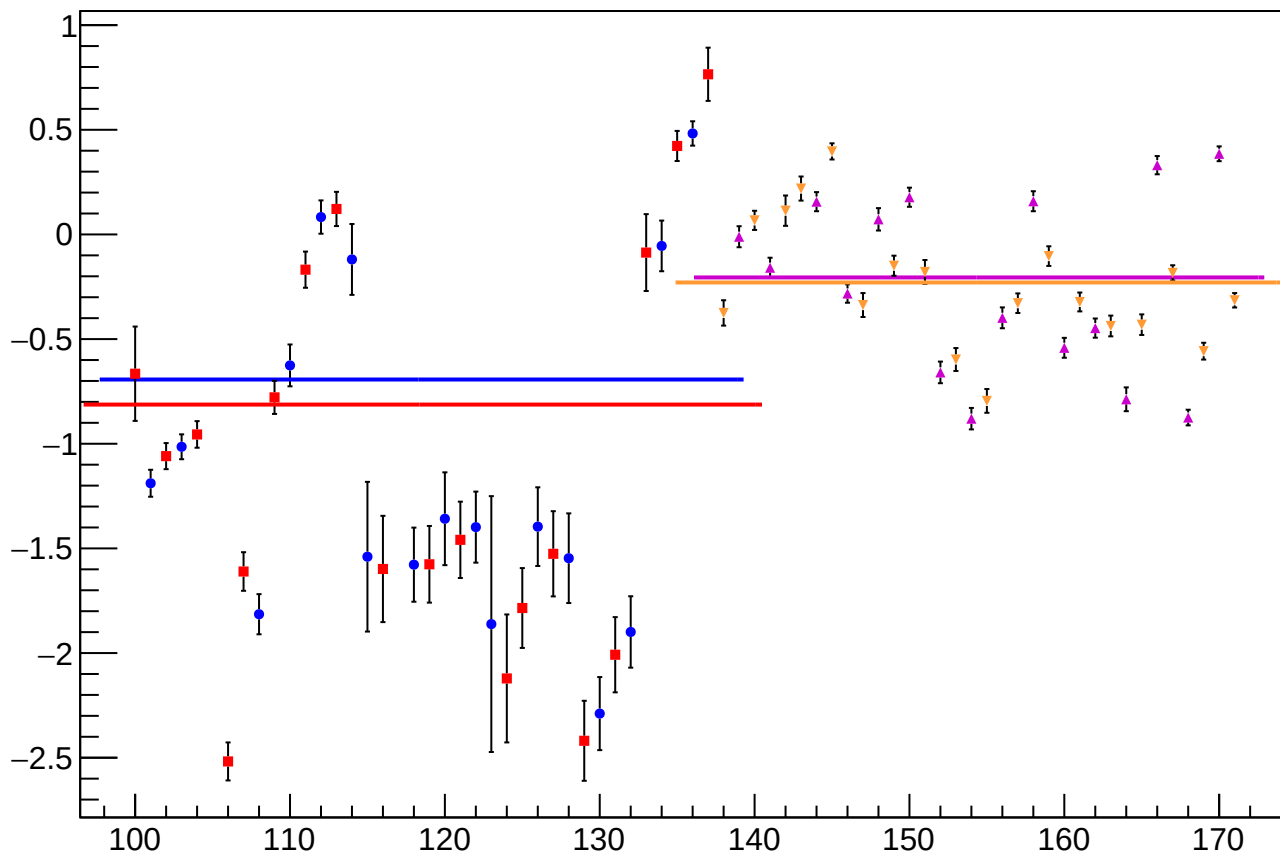
All: -72.575 ± 0.189 χ^2/NDF : 10461.3/69

- sign -72.727 ± 0.269 χ^2/NDF : 5481.4/34

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.229 ± 0.011 χ^2/NDF : 670.4/17

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

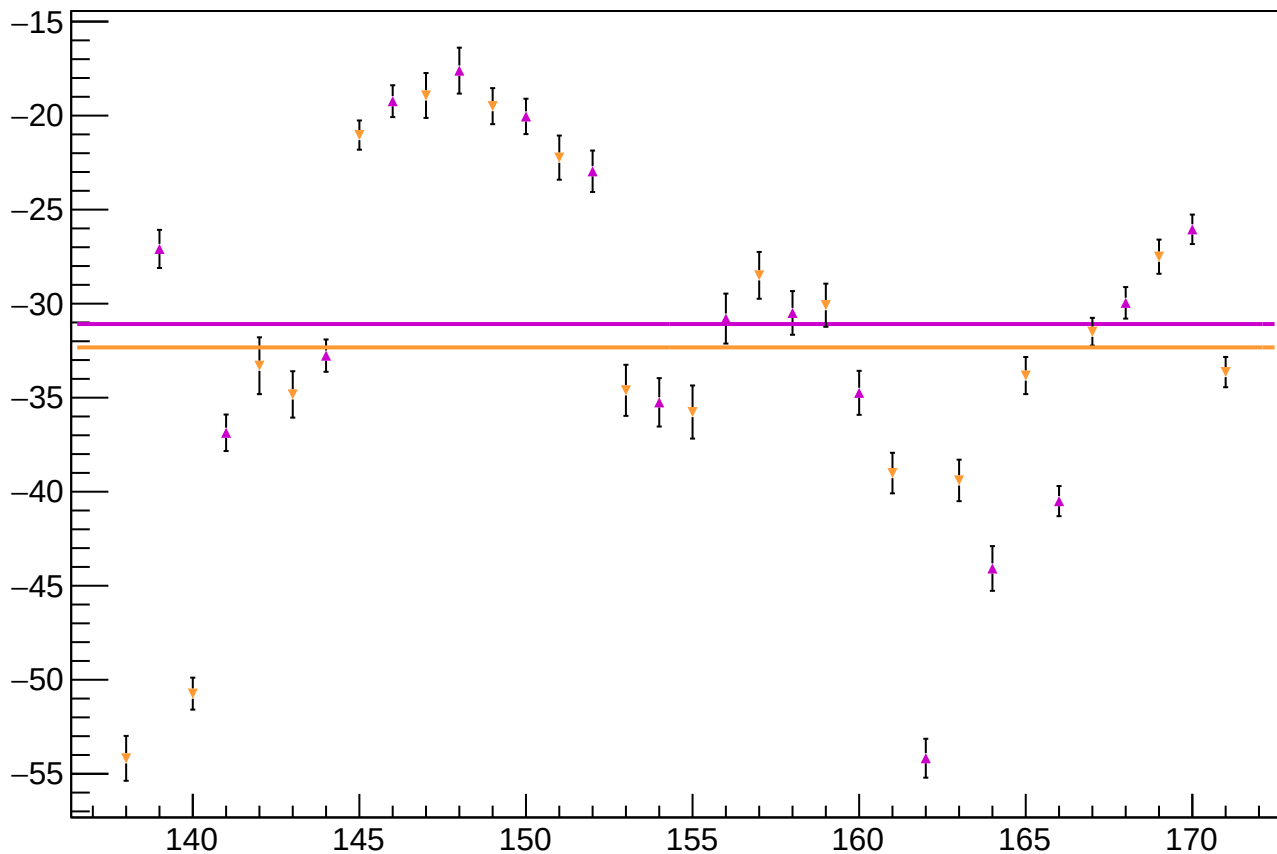
Left In: -0.205 ± 0.012 χ^2/NDF : 1436.0/15

+ sign -0.303 ± 0.010 χ^2/NDF : 1936.0/34

All: -0.310 ± 0.007 χ^2/NDF : 5192.4/69

- sign -0.317 ± 0.010 χ^2/NDF : 3255.5/34

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -32.327 ± 0.242 χ^2/NDF : 1535.7/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

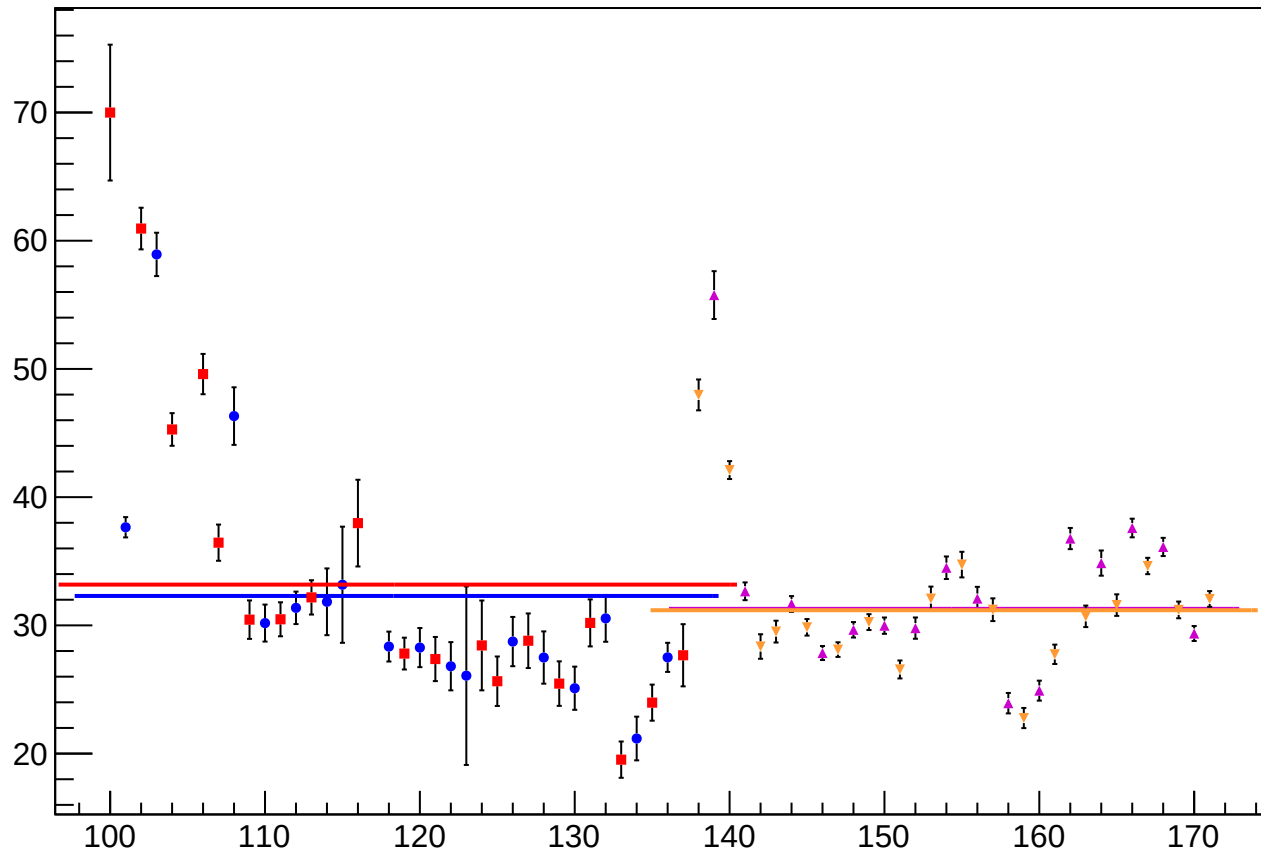
Left In: -31.085 ± 0.248 χ^2/NDF : 1383.5/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.721 ± 0.173 χ^2/NDF : 2932.0/33

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.182 ± 0.176 $\chi^2/\text{NDF}: 712.1/17$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

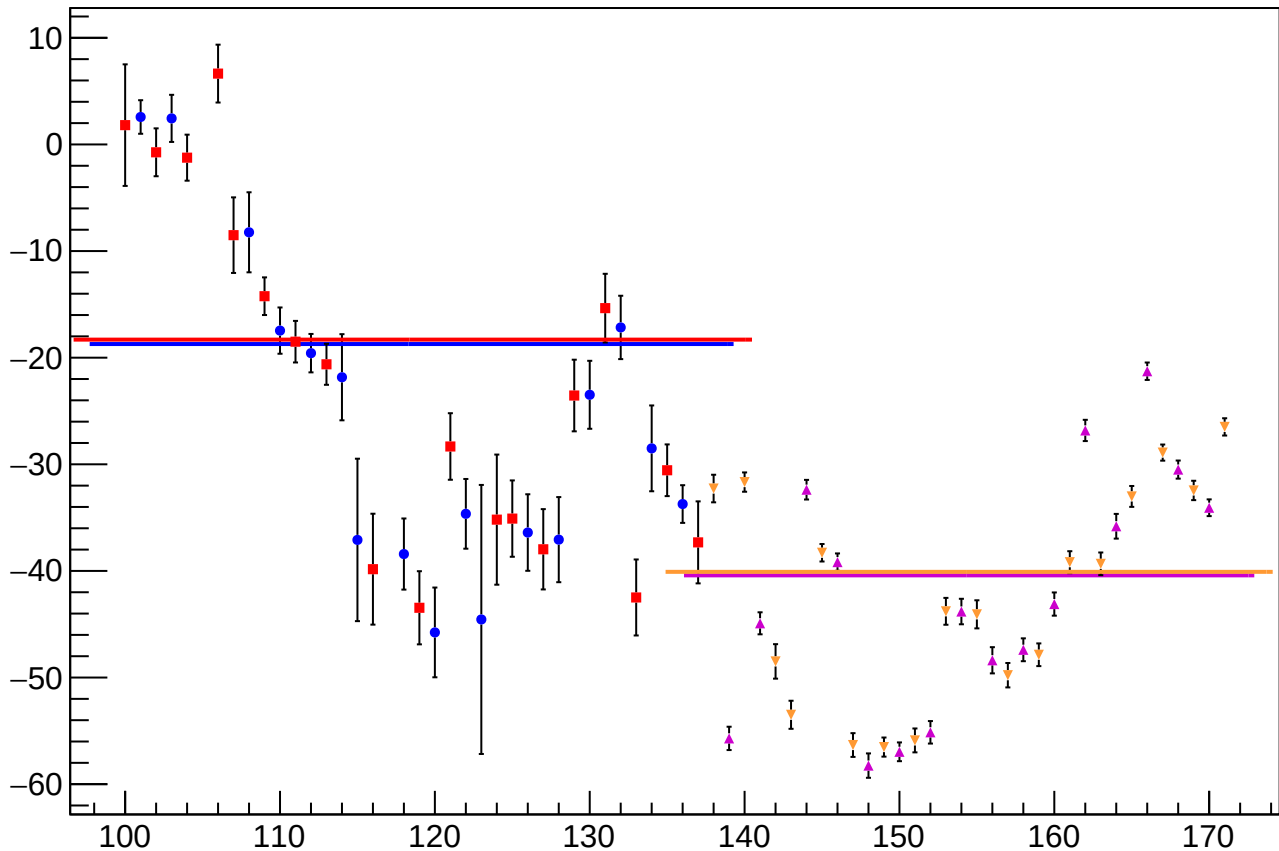
Left In: 31.289 ± 0.182 $\chi^2/\text{NDF}: 586.9/15$

+ sign 31.384 ± 0.159 $\chi^2/\text{NDF}: 1171.6/34$

All: 31.510 ± 0.114 $\chi^2/\text{NDF}: 2550.2/69$

- sign 31.645 ± 0.164 $\chi^2/\text{NDF}: 1377.3/34$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -40.086 ± 0.240 χ^2/NDF : 1773.6/17

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

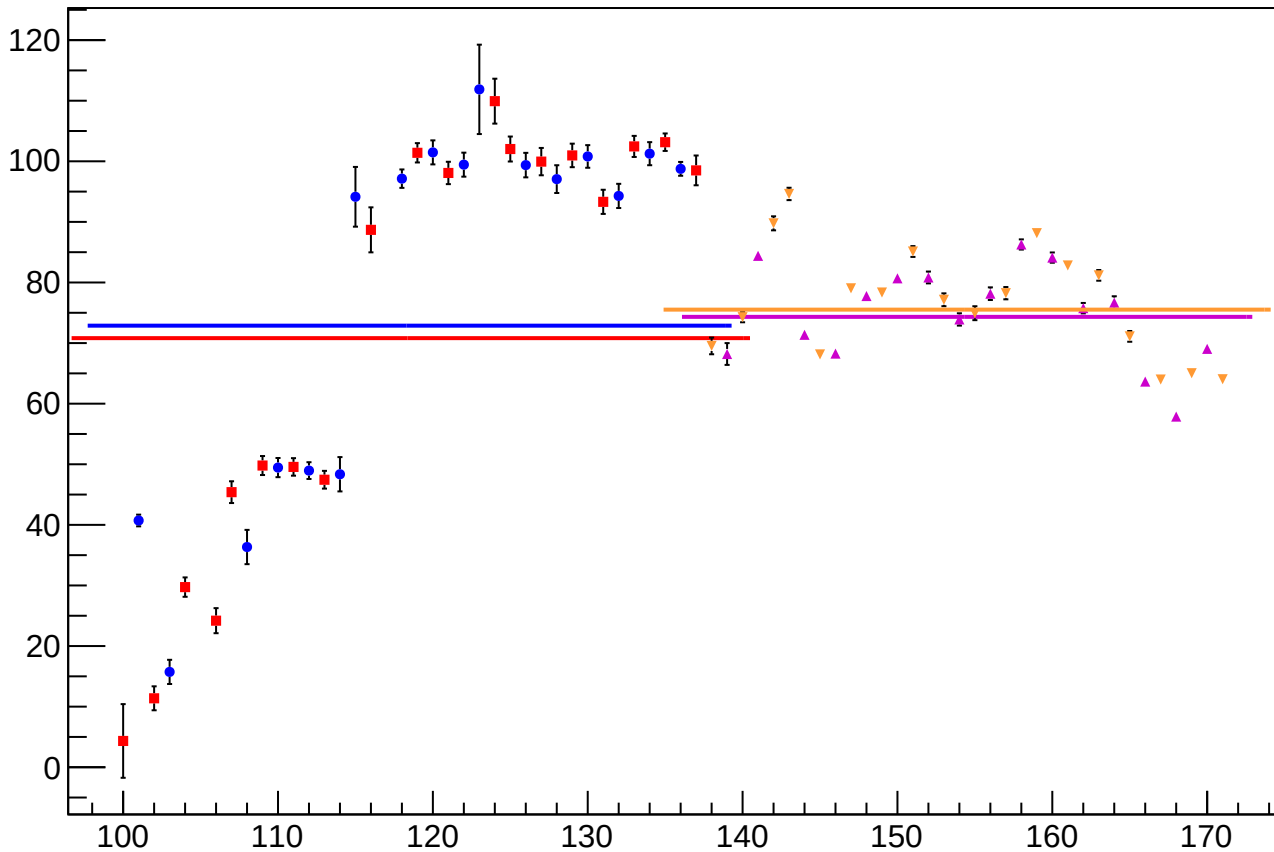
Left In: -40.416 ± 0.244 χ^2/NDF : 2136.1/15

+ sign -37.621 ± 0.226 χ^2/NDF : 3205.2/34

All: -37.626 ± 0.161 χ^2/NDF : 6845.7/69

- sign -37.630 ± 0.228 χ^2/NDF : 3640.5/34

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 75.521 $\pm$ 0.202 χ^2 /NDF:1927.9/17

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

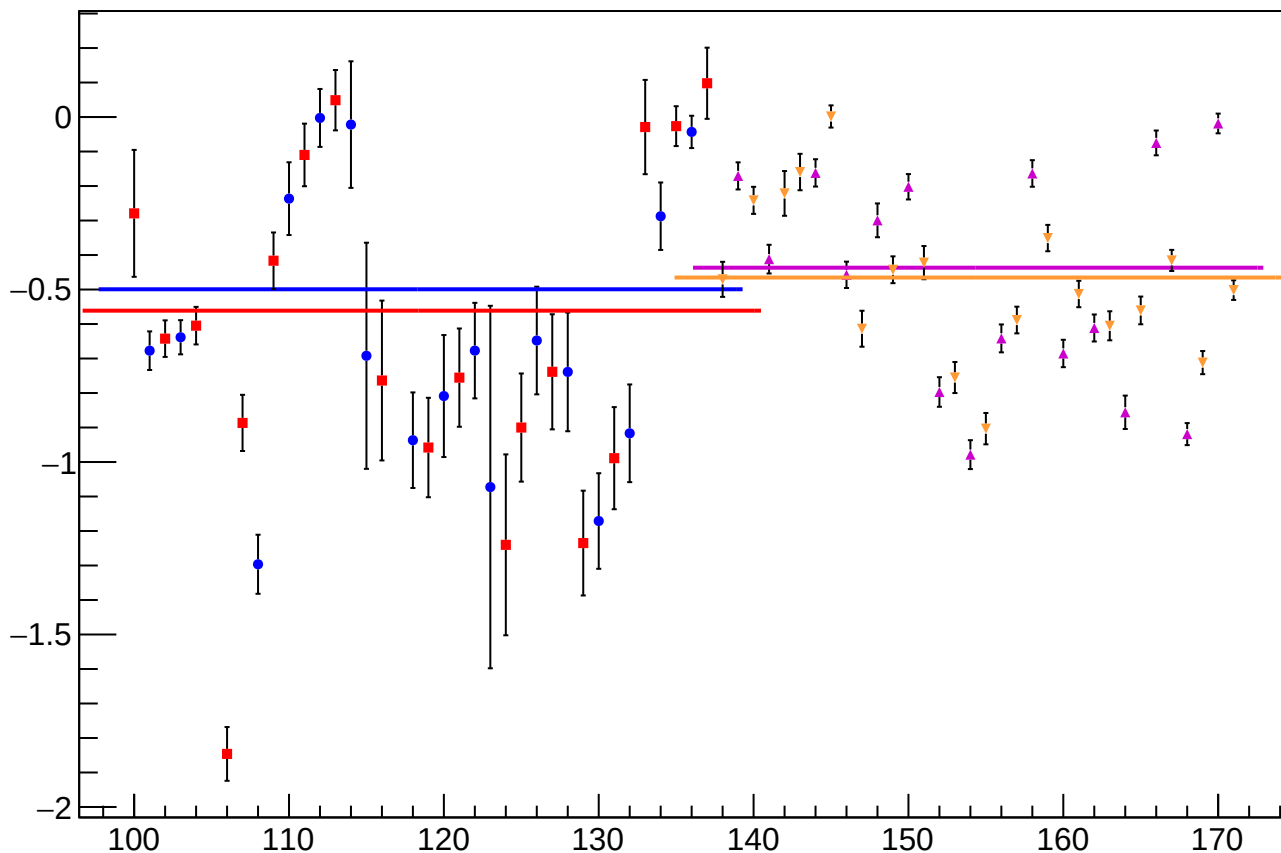
Left In: 74.328 $\pm$ 0.210 χ^2 /NDF:1403.3/15

+ sign 75.034 $\pm$ 0.183 χ^2 /NDF: 6697.3/34

All: 74.370 $\pm$ 0.131 χ^2 /NDF: 13670.4/69

- sign 73.660 $\pm$ 0.189 χ^2 /NDF: 6945.8/34

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499±/0.022 χ^2/NDF : 303.5/16

Left Out: -0.465±/0.009 χ^2/NDF : 530.0/17

Right Out: -0.561±/0.021 χ^2/NDF : 562.3/18

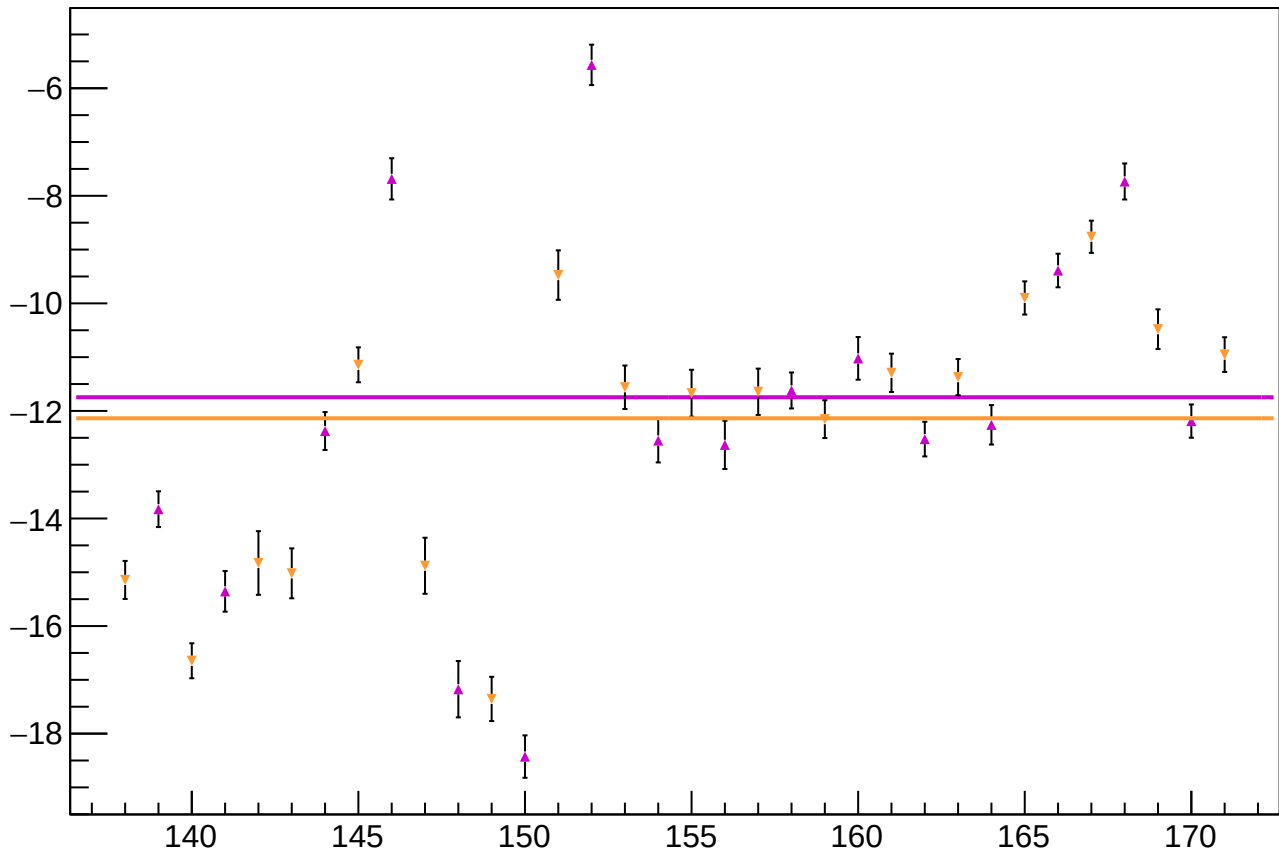
Left In: -0.437±/0.010 χ^2/NDF : 1133.9/15

+ sign -0.470±/0.009 χ^2/NDF : 835.5/34

All: -0.464±/0.006 χ^2/NDF : 2560.9/69

- sign -0.458±/0.009 χ^2/NDF : 1724.4/34

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.136+/-0.088 χ^2/NDF : 783.1/17

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

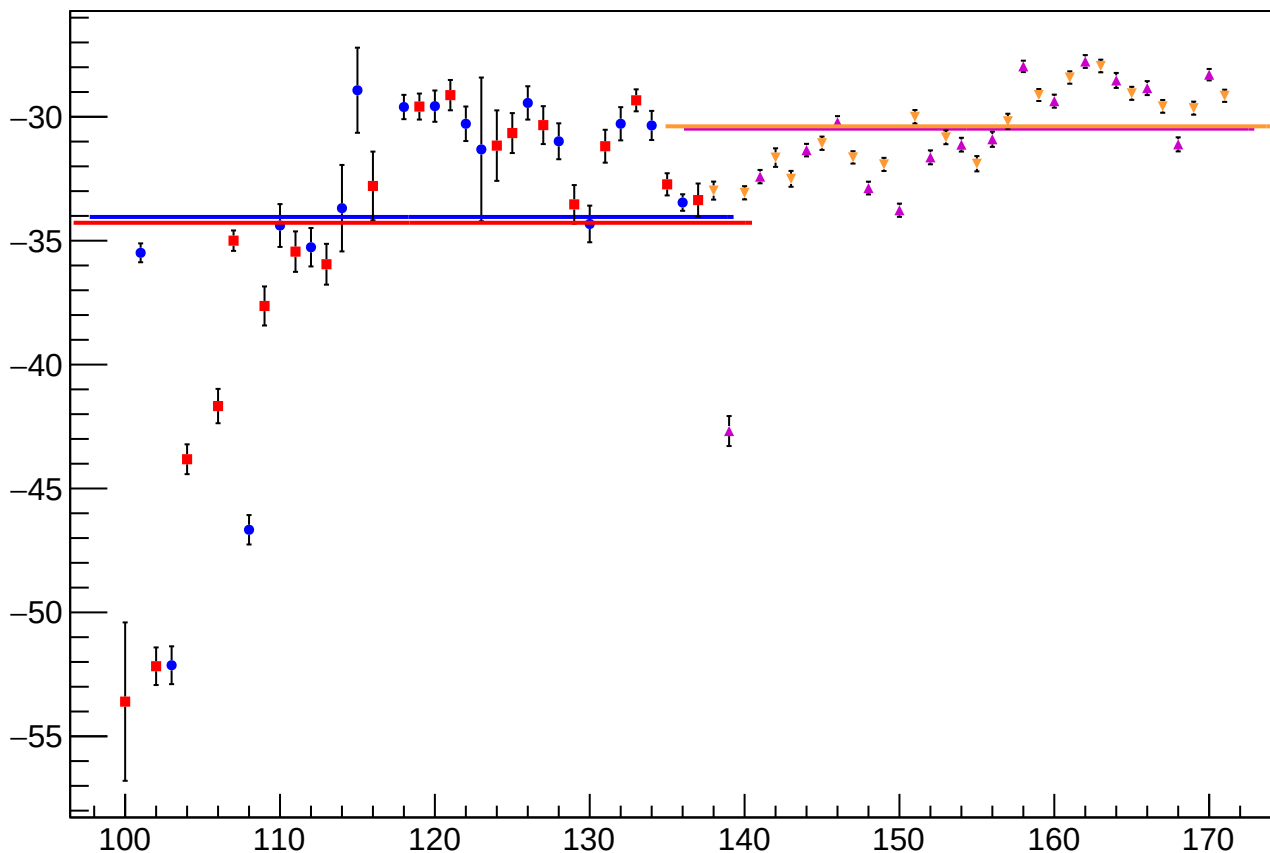
Left In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.947+/-0.063 χ^2/NDF : 1925.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -30.385 ± 0.065 χ^2/NDF : 548.1/17

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

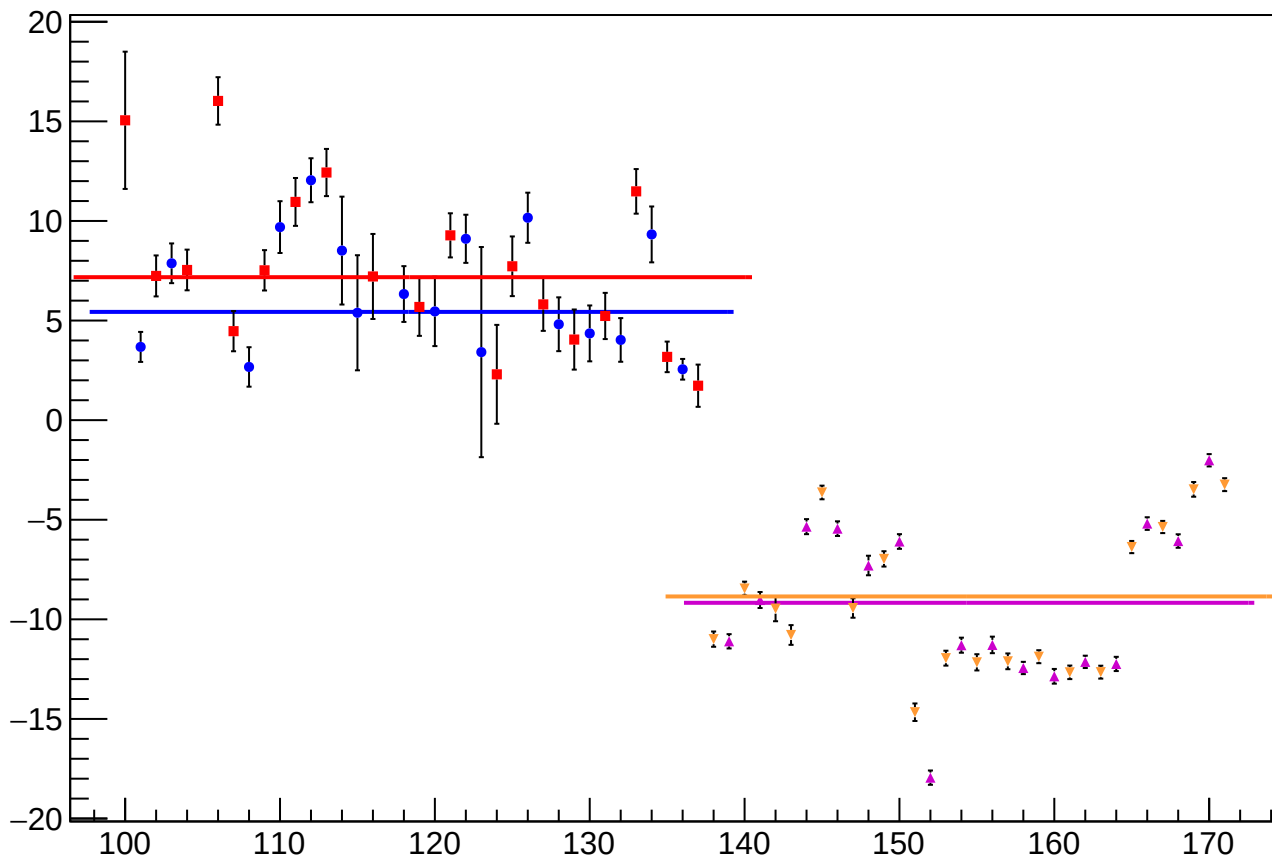
Left In: -30.479 ± 0.068 χ^2/NDF : 1148.0/15

+ sign -30.955 ± 0.060 χ^2/NDF : 2386.0/34

All: -31.034 ± 0.043 χ^2/NDF : 5414.2/69

- sign -31.121 ± 0.062 χ^2/NDF : 3024.4/34

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -8.851 ± 0.087 χ^2/NDF : 1736.4/17

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

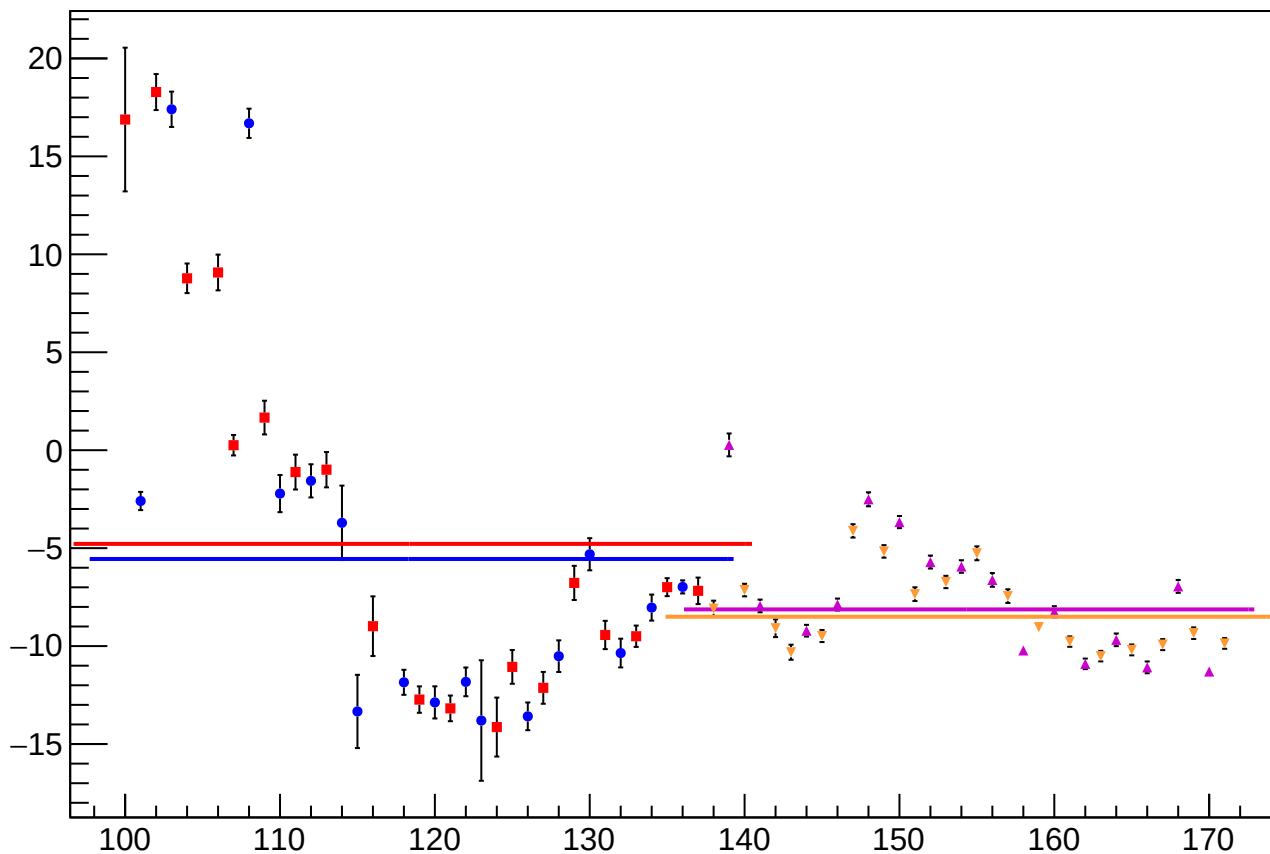
Left In: -9.170 ± 0.089 χ^2/NDF : 2124.6/15

+ sign -7.498 ± 0.083 χ^2/NDF : 4411.0/34

All: -7.549 ± 0.059 χ^2/NDF : 9933.2/69

- sign -7.603 ± 0.085 χ^2/NDF : 5521.5/34

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -8.500 ± 0.074 χ^2/NDF : 638.4/17

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

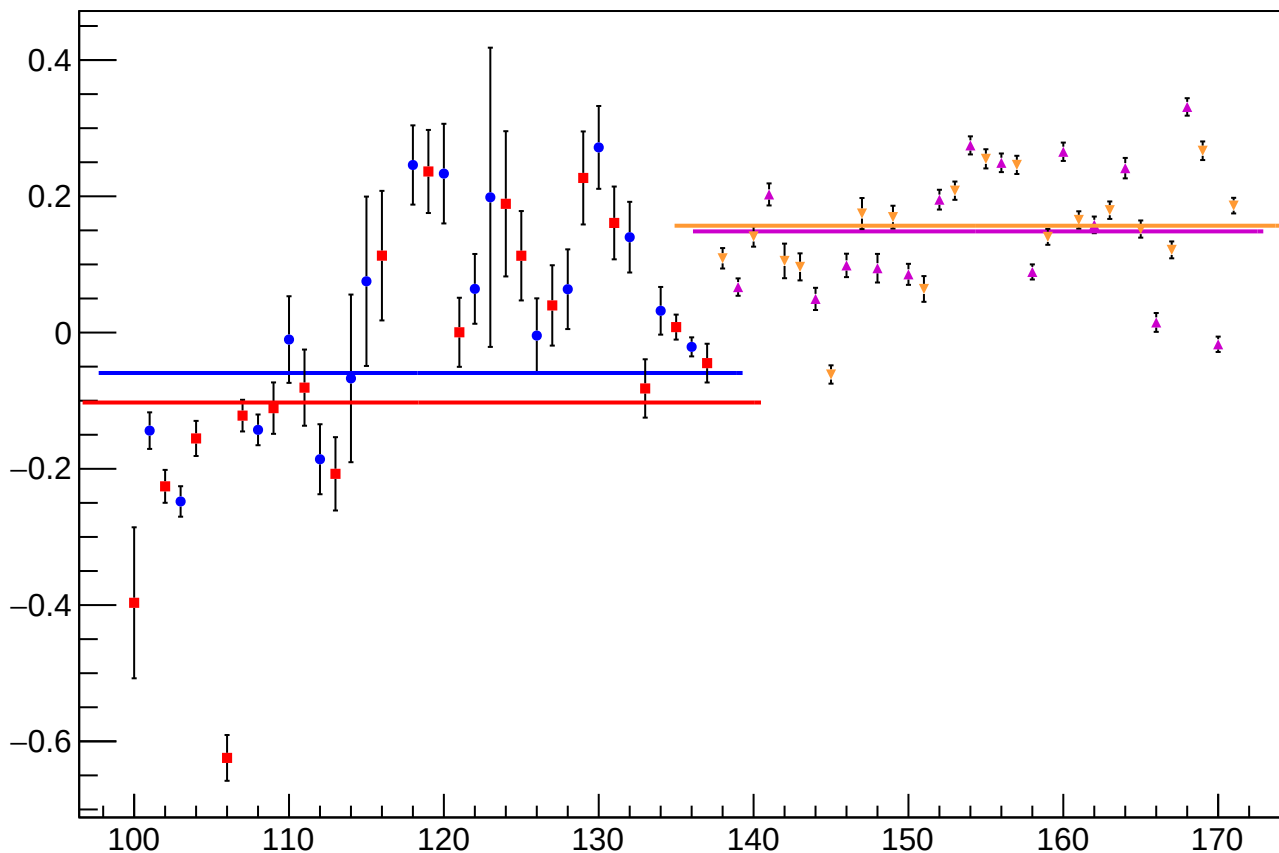
Left In: -8.127 ± 0.077 χ^2/NDF : 1267.2/15

+ sign -8.033 ± 0.068 χ^2/NDF : 3016.9/34

All: -7.812 ± 0.049 χ^2/NDF : 6659.3/69

- sign -7.572 ± 0.070 χ^2/NDF : 3620.1/34

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.157 ± 0.003 χ^2/NDF : 507.2/17

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

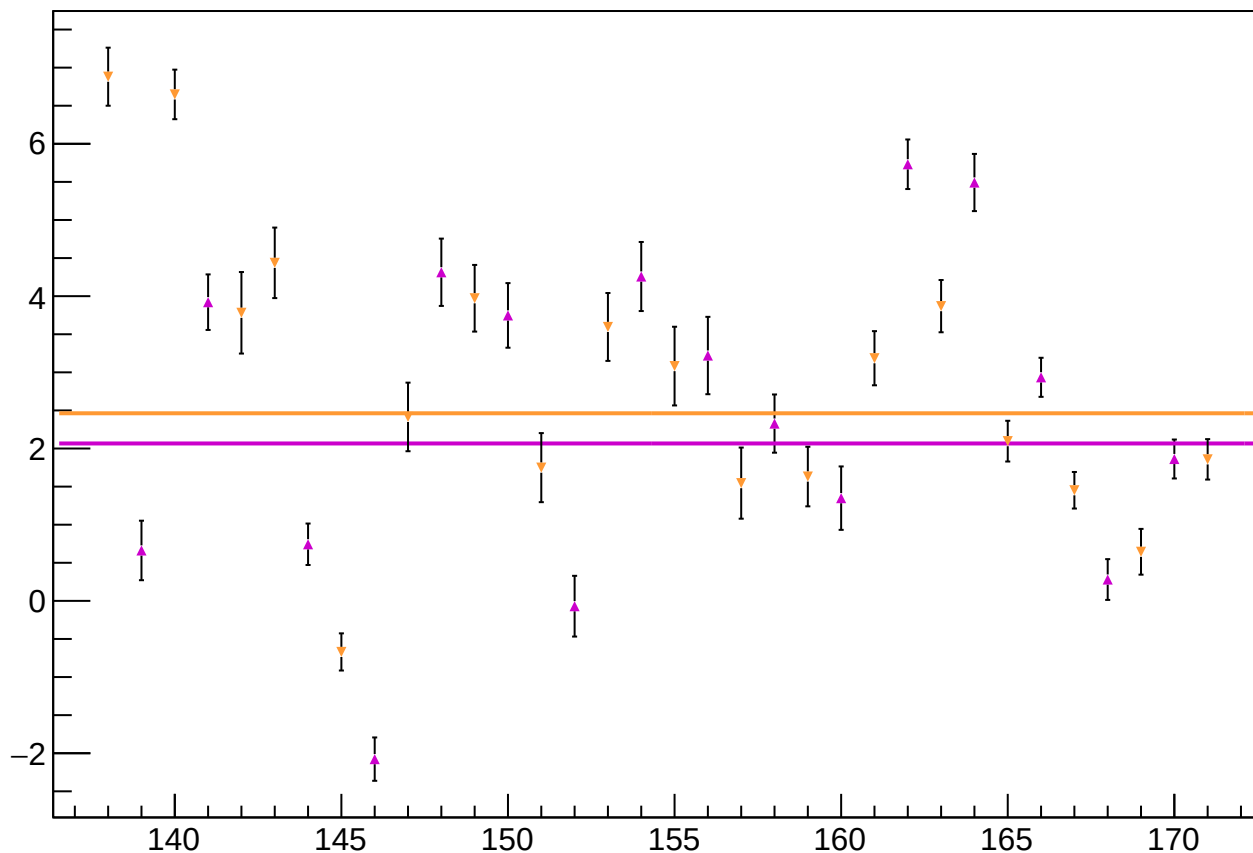
Left In: 0.149 ± 0.003 χ^2/NDF : 931.3/15

+ sign 0.127 ± 0.003 χ^2/NDF : 1296.9/34

All: 0.120 ± 0.002 χ^2/NDF : 3435.6/69

- sign 0.112 ± 0.003 χ^2/NDF : 2127.8/34

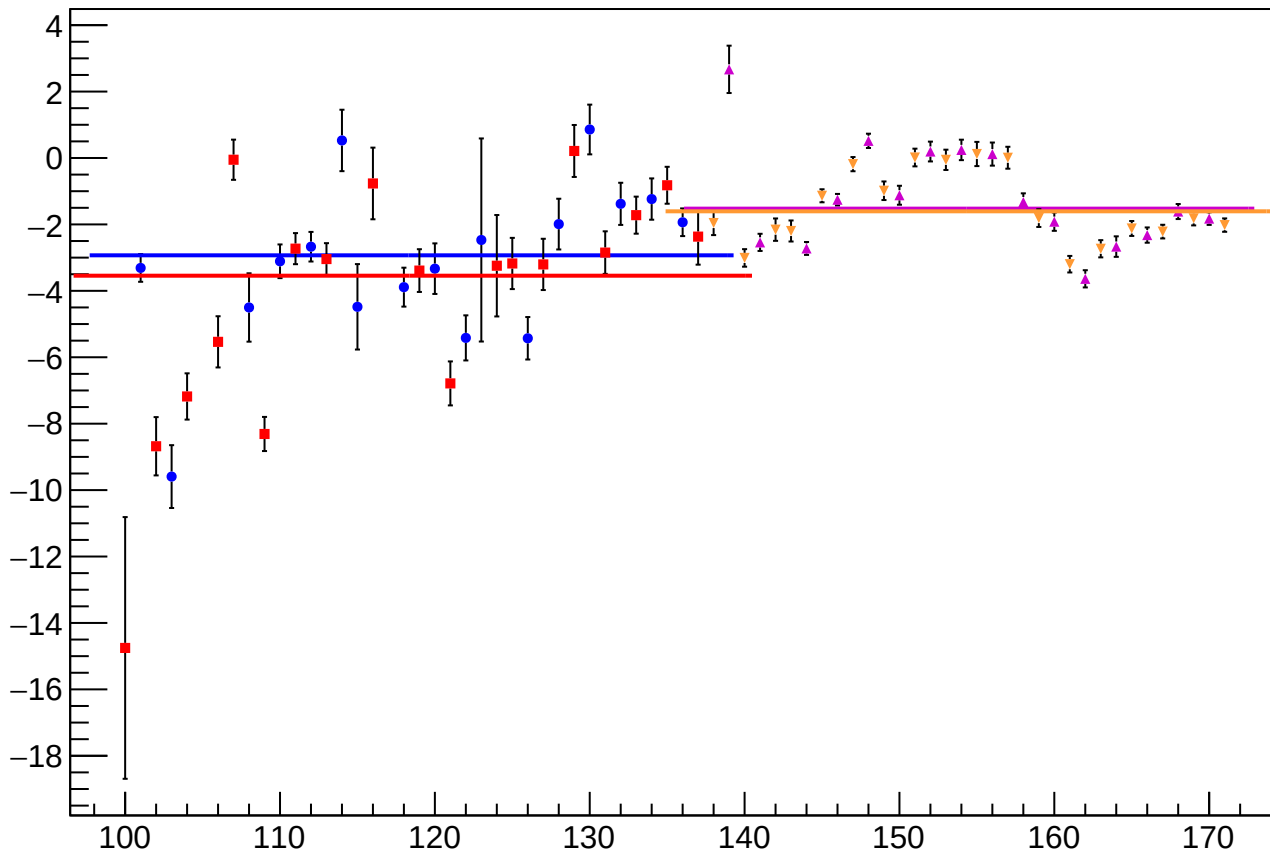
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.463 $\pm$ 0.082 χ^2 /NDF:602.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.066 $\pm$ 0.085 χ^2 /NDF:643.7/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.271 $\pm$ 0.059 χ^2 /NDF: 1257.4/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 $\chi^2/\text{NDF}: 146.5/16$

Left Out: -1.606 ± 0.060 $\chi^2/\text{NDF}: 278.8/17$

Right Out: -3.544 ± 0.155 $\chi^2/\text{NDF}: 291.7/18$

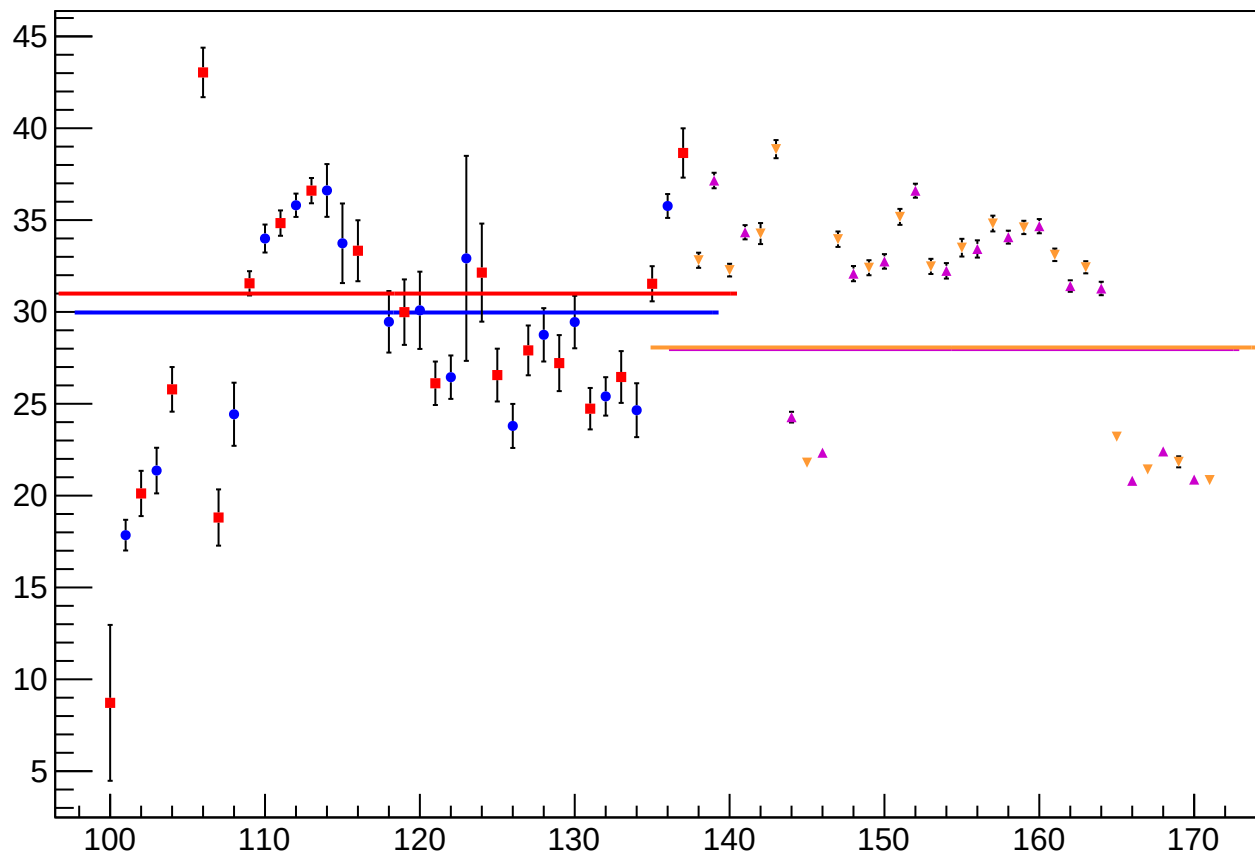
Left In: -1.525 ± 0.062 $\chi^2/\text{NDF}: 368.1/15$

+ sign -1.780 ± 0.056 $\chi^2/\text{NDF}: 489.7/34$

All: -1.793 ± 0.040 $\chi^2/\text{NDF}: 1296.4/69$

- sign -1.806 ± 0.058 $\chi^2/\text{NDF}: 806.6/34$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 28.064 ± 0.082 $\chi^2/\text{NDF}: 5467.1/17$

Right Out: 31.000 ± 0.260 $\chi^2/\text{NDF}: 479.5/18$

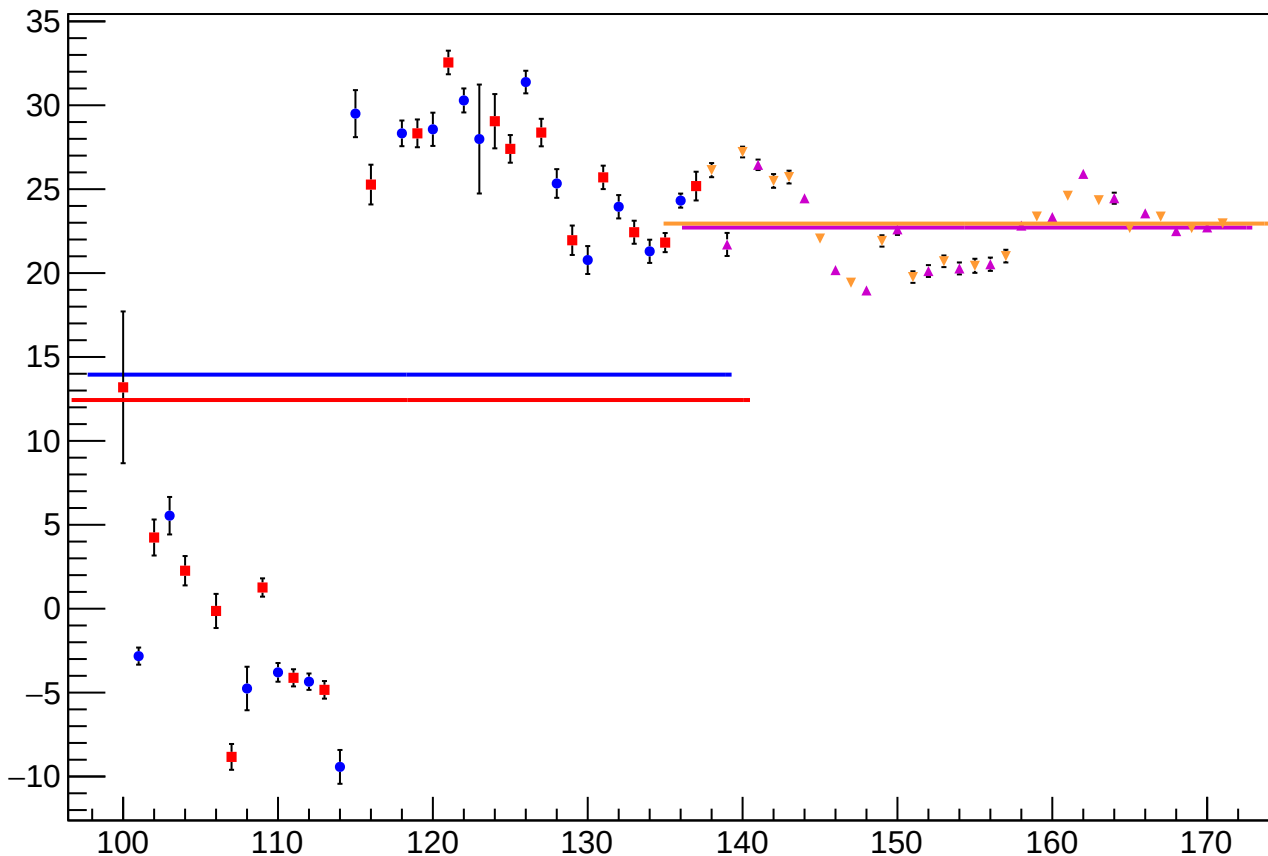
Left In: 27.979 ± 0.084 $\chi^2/\text{NDF}: 5069.3/15$

+ sign 28.228 ± 0.078 $\chi^2/\text{NDF}: 6068.1/34$

All: 28.245 ± 0.056 $\chi^2/\text{NDF}: 11739.3/69$

- sign 28.262 ± 0.080 $\chi^2/\text{NDF}: 5671.2/34$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.950 $\pm$ 0.069 χ^2 /NDF: 757.1/17

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

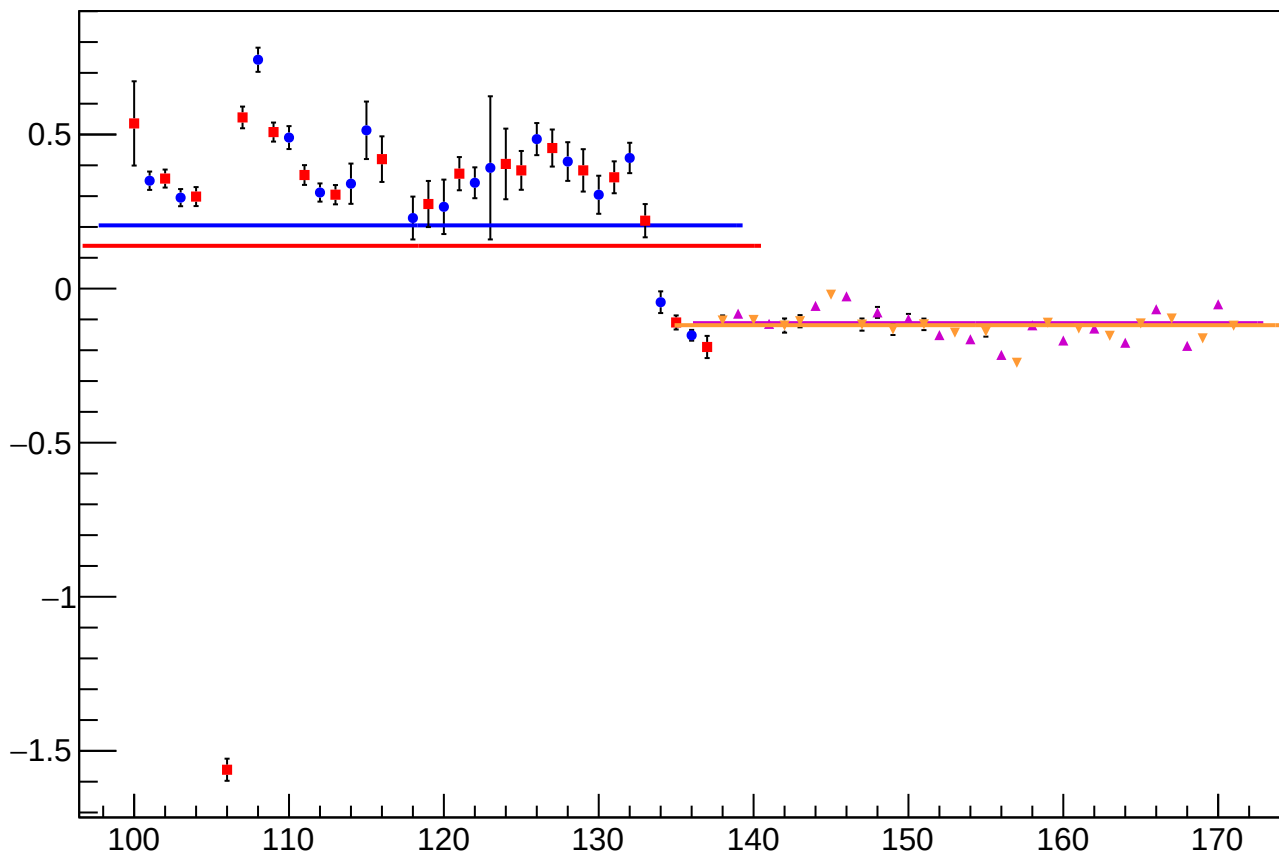
Left In: 22.713 $\pm$ 0.071 χ^2 /NDF: 807.7/15

+ sign 21.712 $\pm$ 0.064 χ^2 /NDF: 10512.5/34

All: 21.478 $\pm$ 0.046 χ^2 /NDF: 21306.6/69

- sign 21.225 $\pm$ 0.066 χ^2 /NDF: 10765.9/34

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.119 ± 0.003 χ^2/NDF : 200.6/17

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

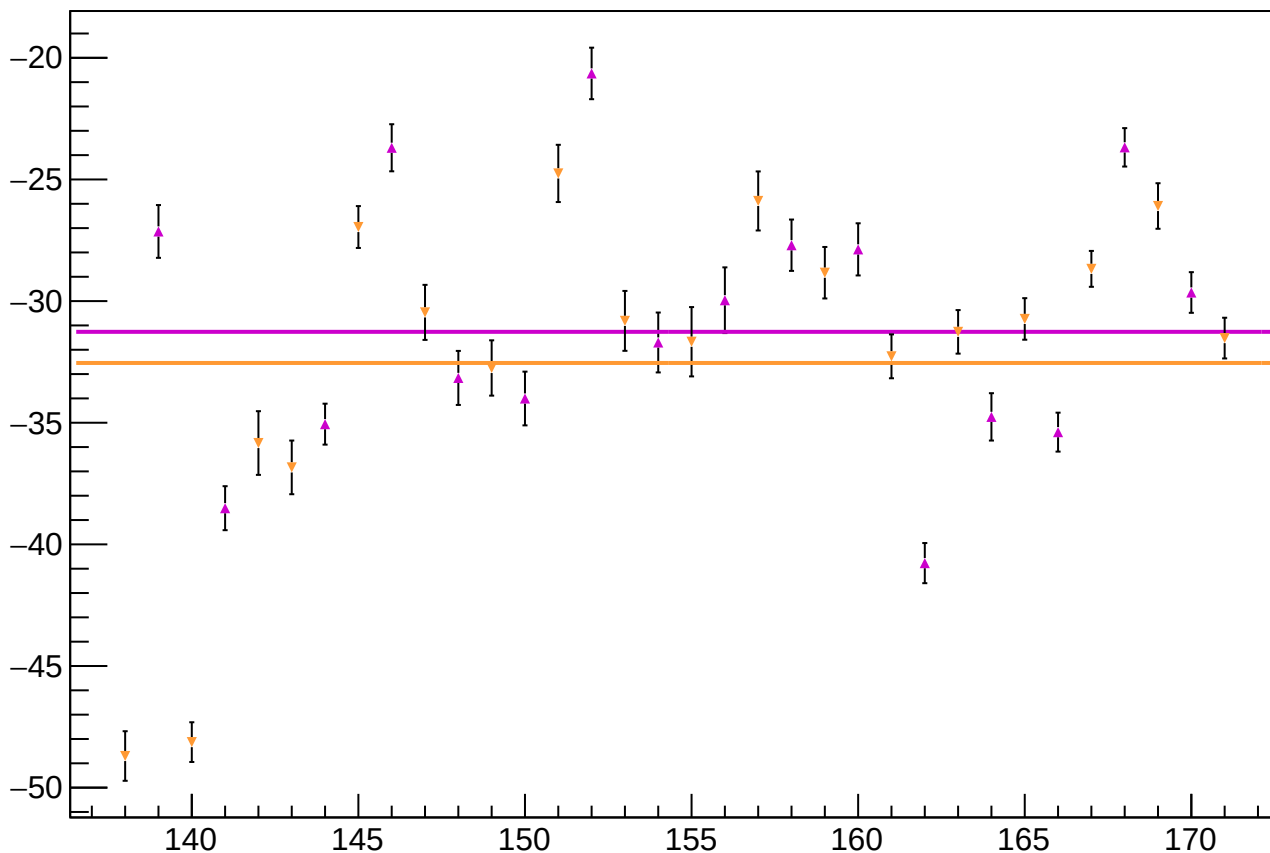
Left In: -0.112 ± 0.003 χ^2/NDF : 284.6/15

+ sign -0.085 ± 0.003 χ^2/NDF : 2121.0/34

All: -0.085 ± 0.002 χ^2/NDF : 6082.4/69

- sign -0.083 ± 0.003 χ^2/NDF : 3961.2/34

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.543+/-0.233 χ^2/NDF : 854.3/17

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

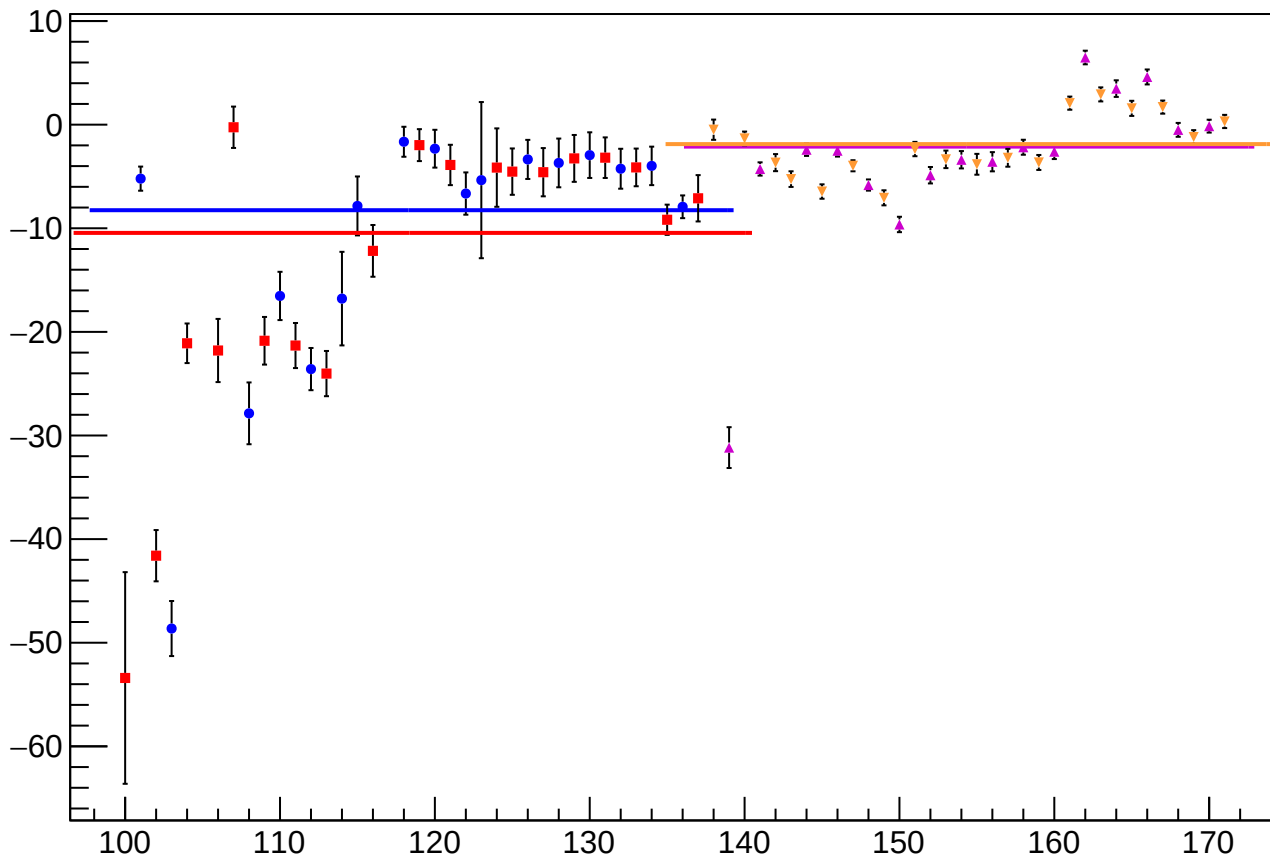
Left In: -31.263+/-0.241 χ^2/NDF : 560.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.926+/-0.167 χ^2/NDF : 1429.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -1.877 ± 0.168 χ^2/NDF : 308.4/17

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

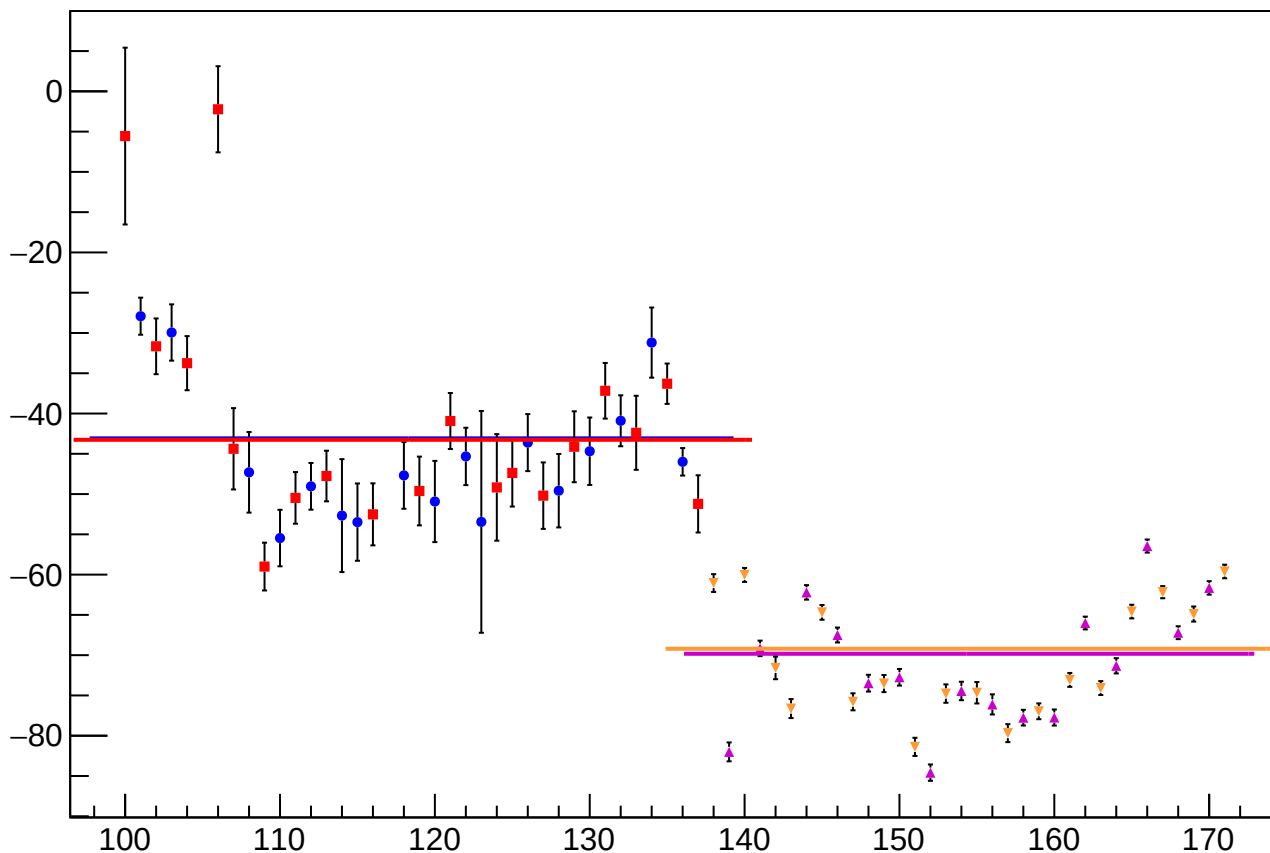
Left In: -2.118 ± 0.175 χ^2/NDF : 717.8/15

+ sign -2.620 ± 0.158 χ^2/NDF : 888.9/34

All: -2.830 ± 0.114 χ^2/NDF : 2293.7/69

- sign -3.060 ± 0.165 χ^2/NDF : 1401.1/34

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -69.205 ± 0.231 χ^2/NDF : 915.2/17

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

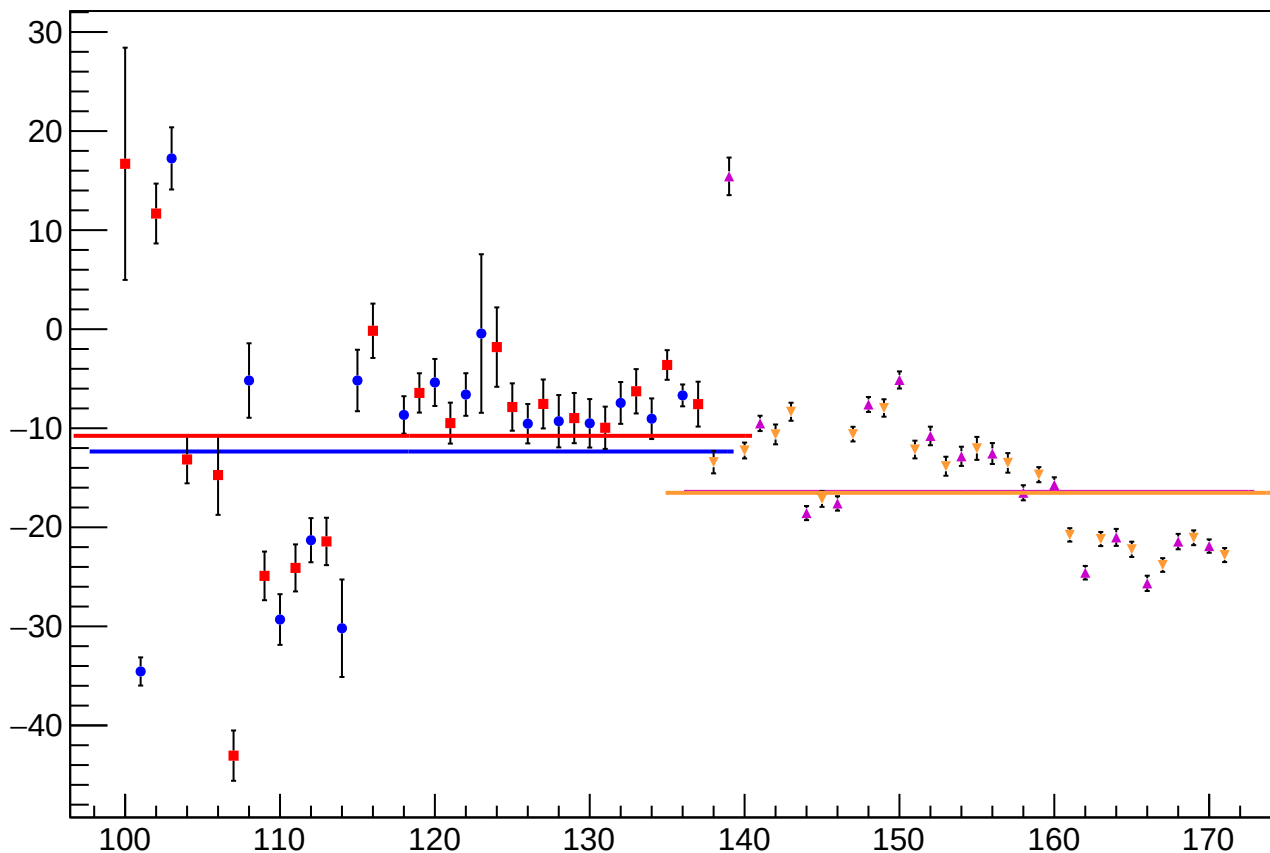
Left In: -69.827 ± 0.238 χ^2/NDF : 991.1/15

+ sign -67.340 ± 0.223 χ^2/NDF : 1924.9/34

All: -67.645 ± 0.160 χ^2/NDF : 3948.2/69

- sign -67.968 ± 0.229 χ^2/NDF : 2019.5/34

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -16.518 ± 0.193 χ^2/NDF : 735.9/17

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

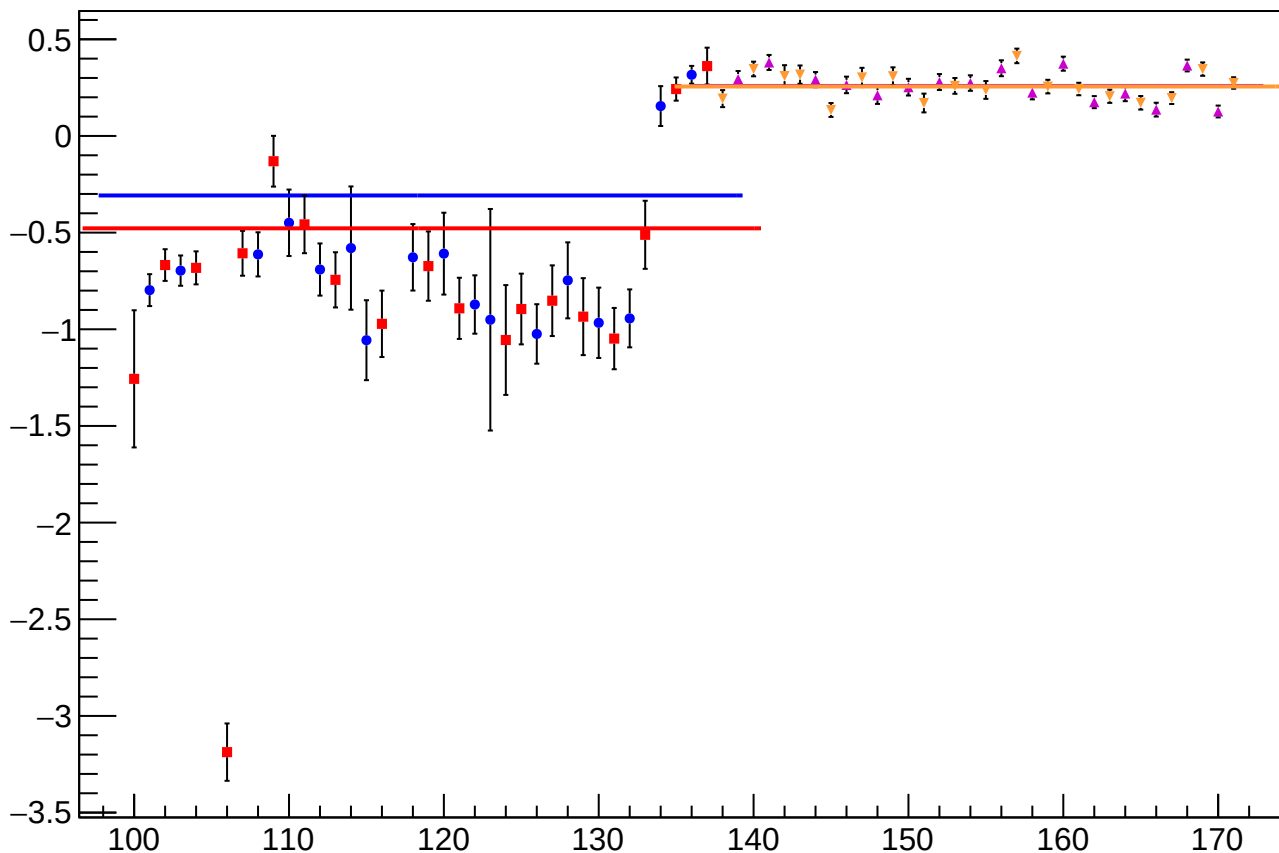
Left In: -16.424 ± 0.202 χ^2/NDF : 1165.1/15

+ sign -16.010 ± 0.181 χ^2/NDF : 1268.4/34

All: -15.889 ± 0.131 χ^2/NDF : 2893.2/69

- sign -15.756 ± 0.190 χ^2/NDF : 1624.0/34

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.256 ± 0.009 χ^2/NDF : 64.0/17

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

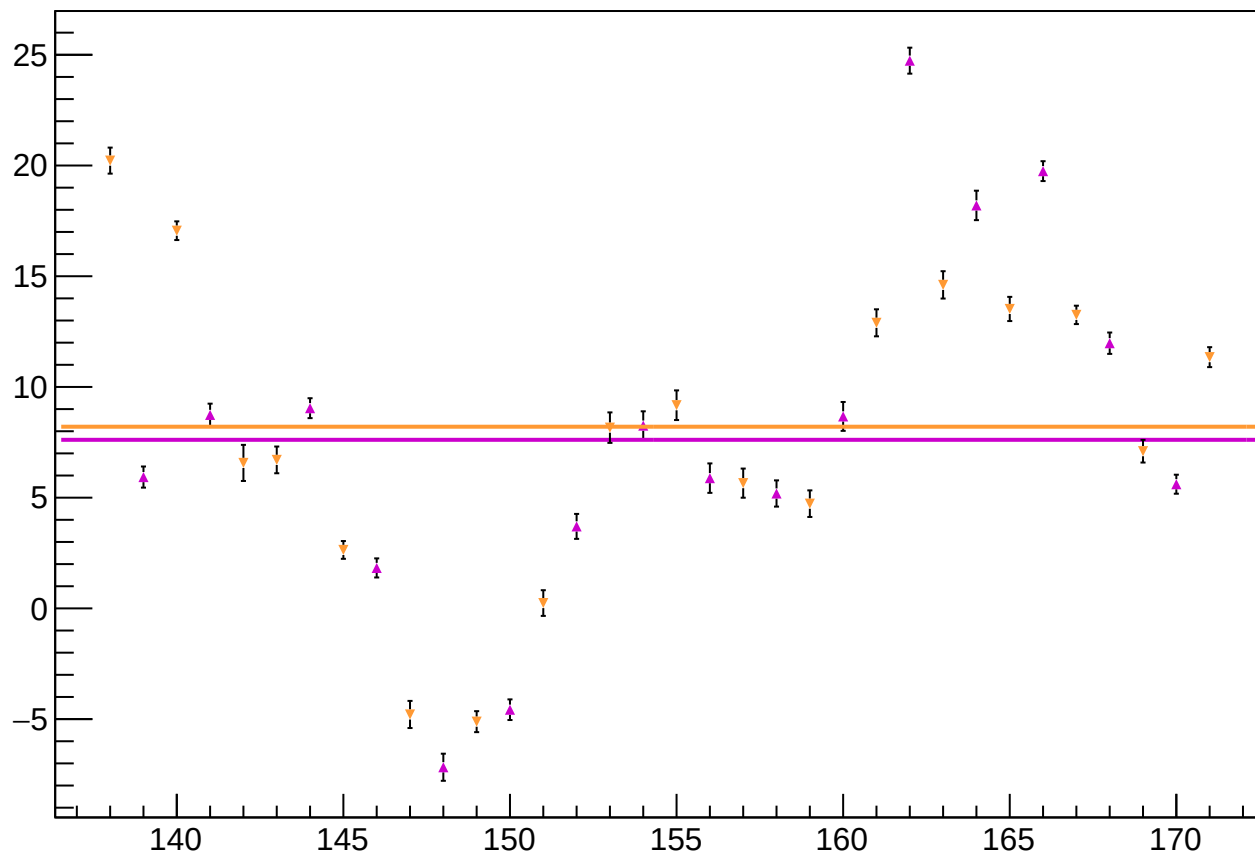
Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/15

+ sign 0.201 ± 0.009 χ^2/NDF : 815.4/34

All: 0.194 ± 0.006 χ^2/NDF : 2128.6/69

- sign 0.187 ± 0.009 χ^2/NDF : 1311.9/34

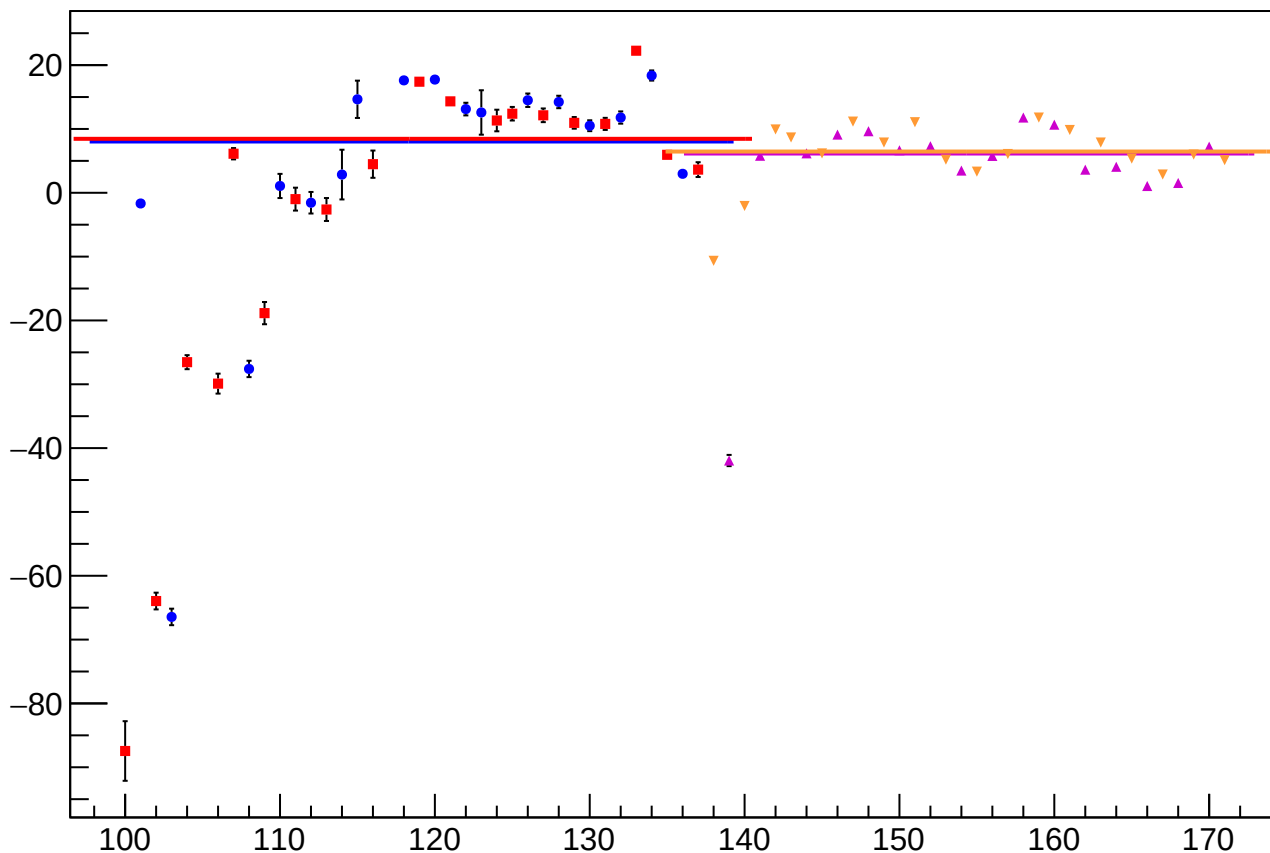
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.205 $\pm$ 0.127 χ^2 /NDF:3002.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.613 $\pm$ 0.130 χ^2 /NDF:3490.7/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.916 $\pm$ 0.091 χ^2 /NDF: 6504.0/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 6.461 ± 0.092 $\chi^2/\text{NDF}: 2361.1/17$

Right Out: 8.454 ± 0.213 $\chi^2/\text{NDF}: 6704.4/18$

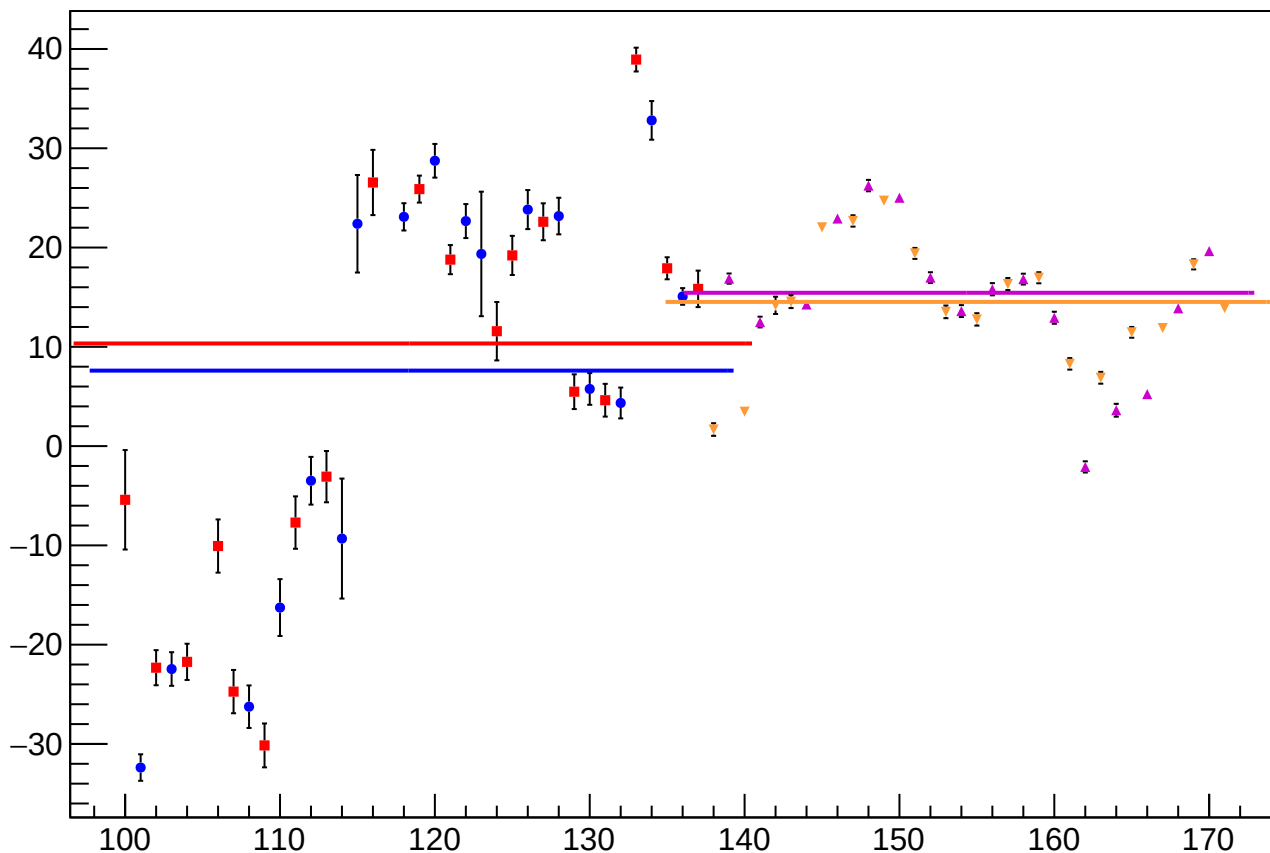
Left In: 6.151 ± 0.096 $\chi^2/\text{NDF}: 3926.0/15$

+ sign 6.705 ± 0.085 $\chi^2/\text{NDF}: 7775.8/34$

All: 6.624 ± 0.061 $\chi^2/\text{NDF}: 18505.1/69$

- sign 6.538 ± 0.087 $\chi^2/\text{NDF}: 10727.3/34$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 14.525 ± 0.127 χ^2/NDF : 2580.1/17

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

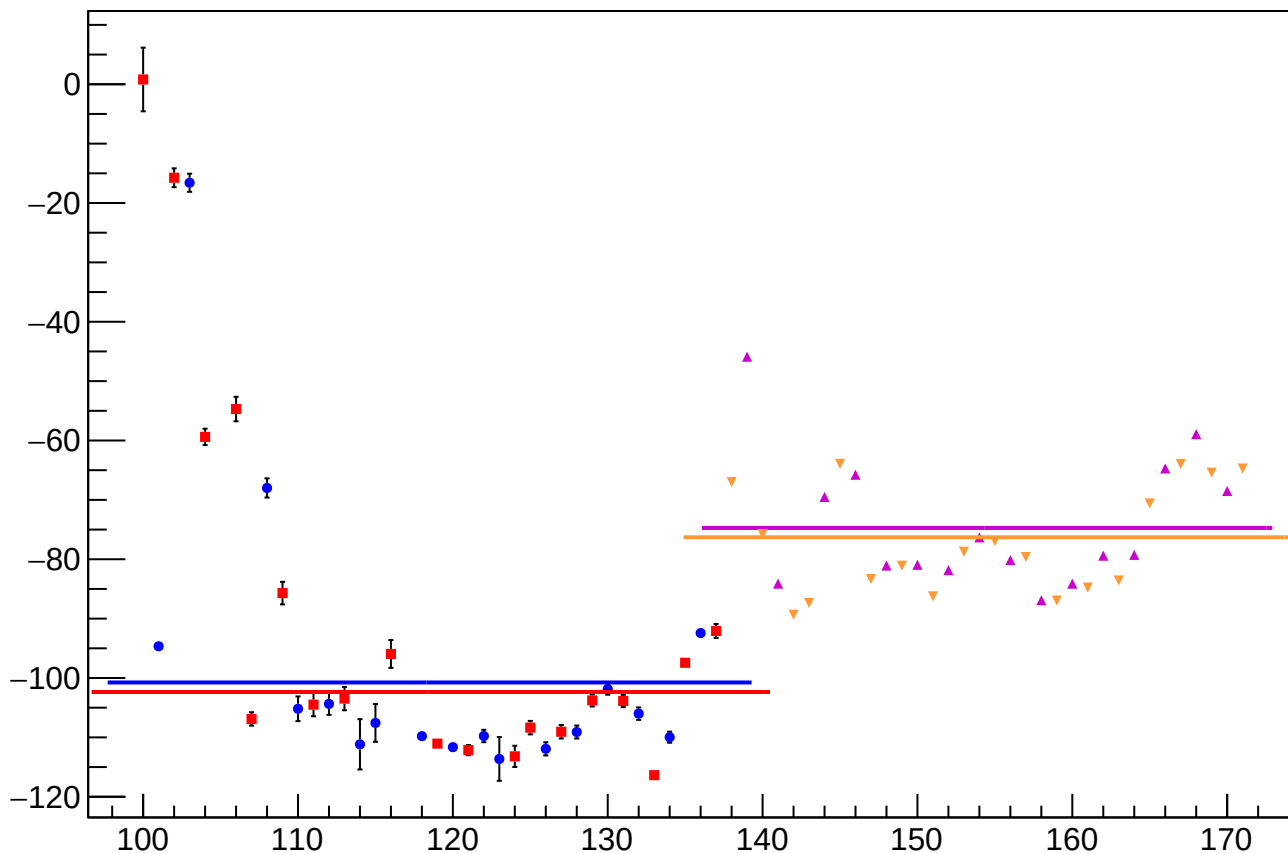
Left In: 15.444 ± 0.129 χ^2/NDF : 3149.0/15

+ sign 13.938 ± 0.121 χ^2/NDF : 5158.6/34

All: 14.461 ± 0.086 χ^2/NDF : 10764.6/69

- sign 14.999 ± 0.123 χ^2/NDF : 5568.1/34

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -76.301 ± 0.107 χ^2/NDF : 7153.8/17

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

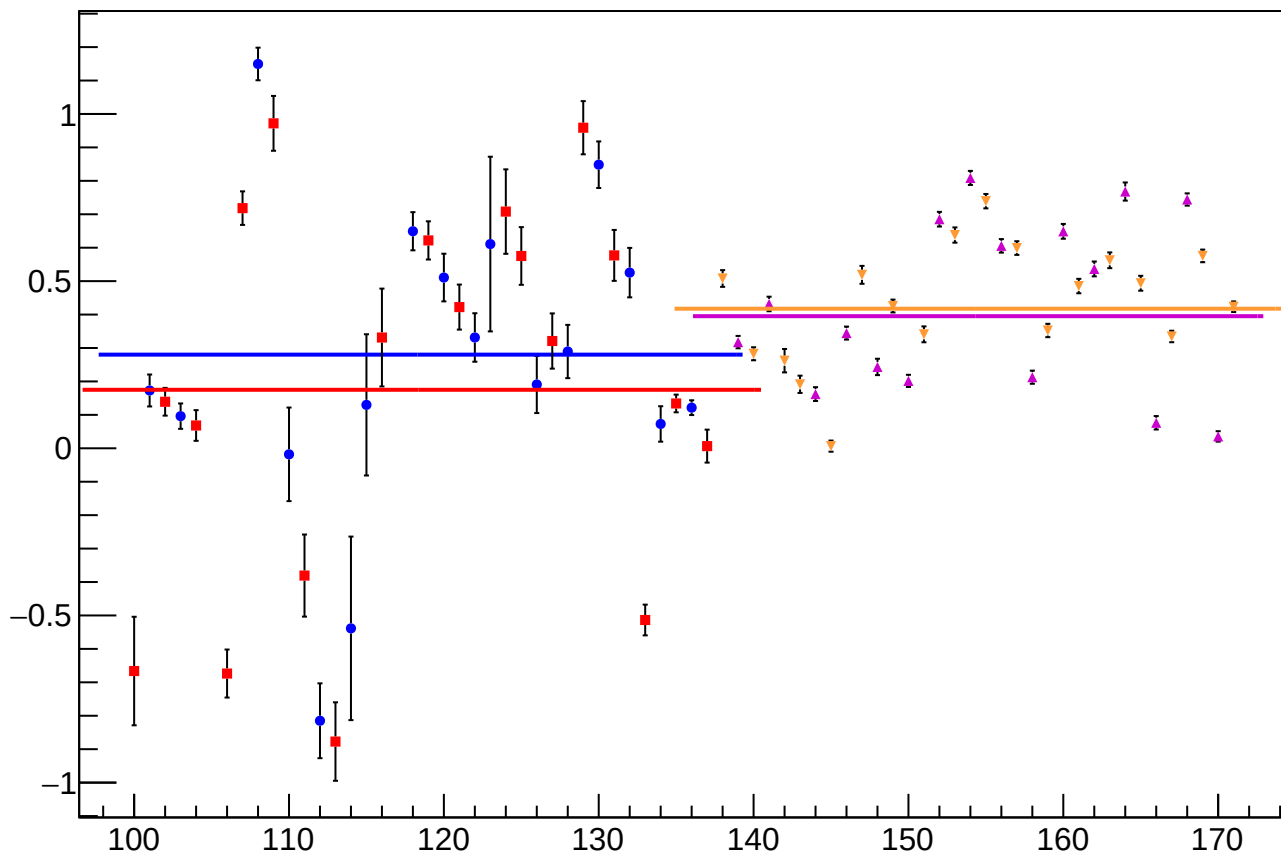
Left In: -74.728 ± 0.111 χ^2/NDF : 6637.7/15

+ sign -80.110 ± 0.098 χ^2/NDF : 19882.9/34

All: -79.749 ± 0.070 χ^2/NDF : 43102.4/69

- sign -79.366 ± 0.101 χ^2/NDF : 23191.5/34

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.0/16

Left Out: 0.418 $\pm$ 0.005 χ^2 /NDF:1348.7/17

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

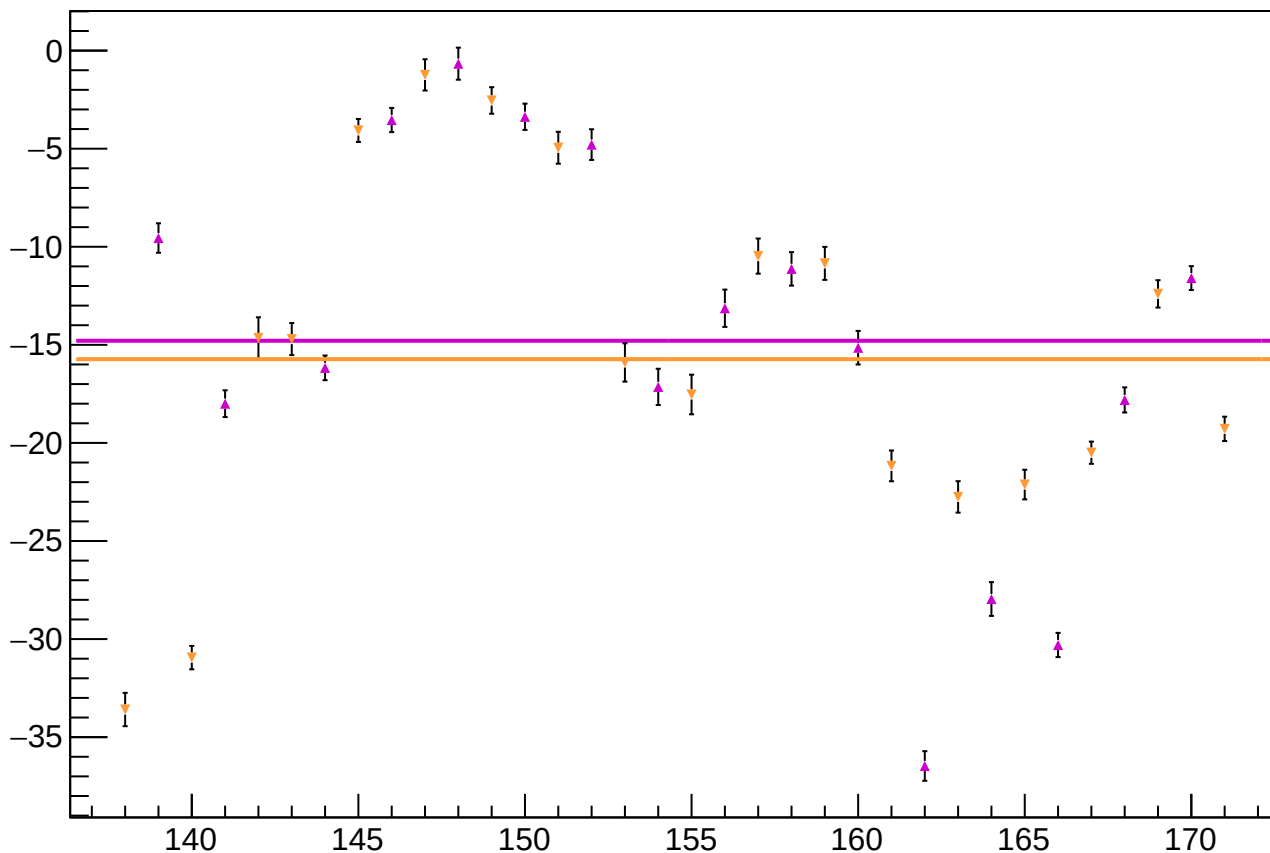
Left In: 0.395 $\pm$ 0.005 χ^2 /NDF:2561.1/15

+ sign 0.401 $\pm$ 0.005 χ^2 /NDF: 2096.5/34

All: 0.385 $\pm$ 0.003 χ^2 /NDF: 5884.7/69

- sign 0.368 $\pm$ 0.005 χ^2 /NDF: 3762.7/34

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.731 $\pm$ 0.176 χ^2 /NDF: 2771.8/17

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

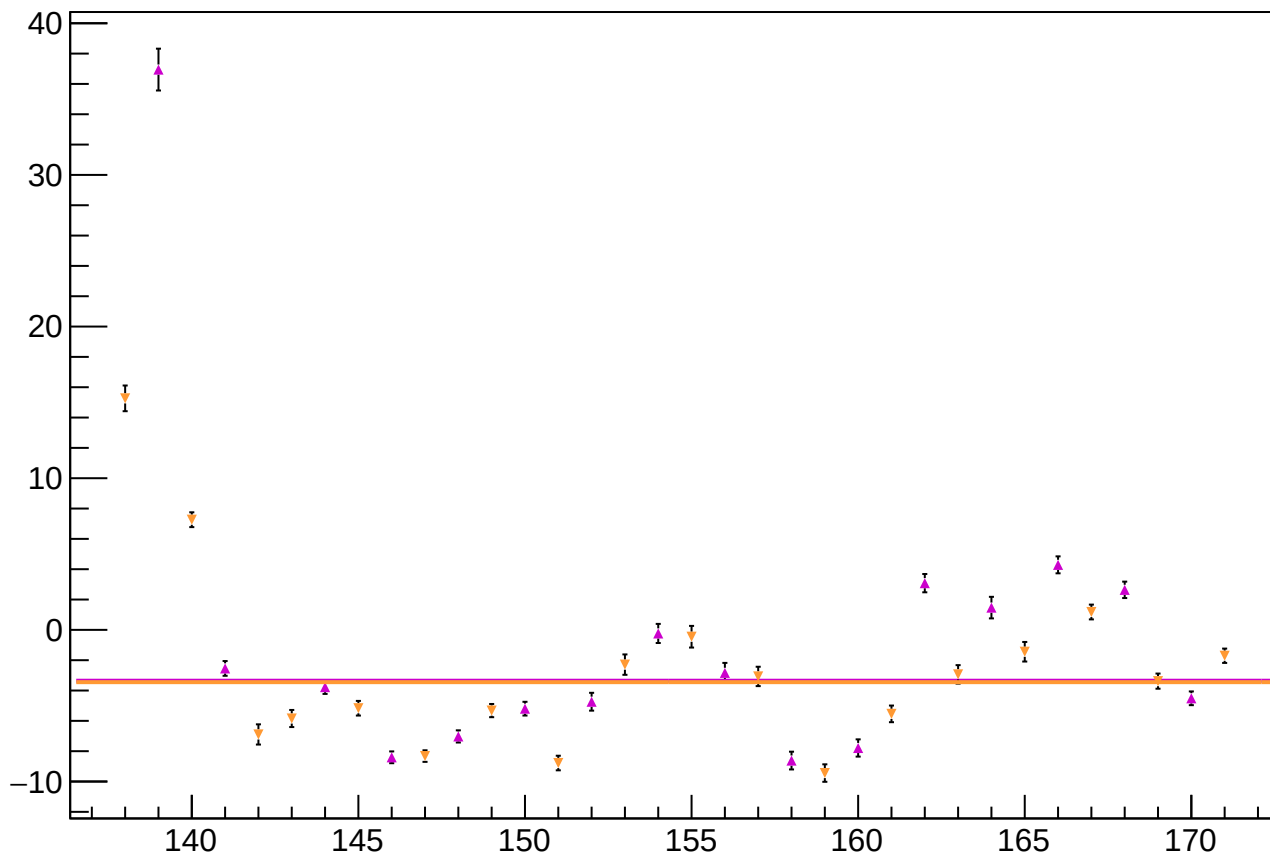
Left In: -14.792 $\pm$ 0.182 χ^2 /NDF: 2928.8/15

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

All: -15.275 $\pm$ 0.127 χ^2 /NDF: 5714.4/33

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

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.448+/-0.127 χ^2/NDF :1587.9/17

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

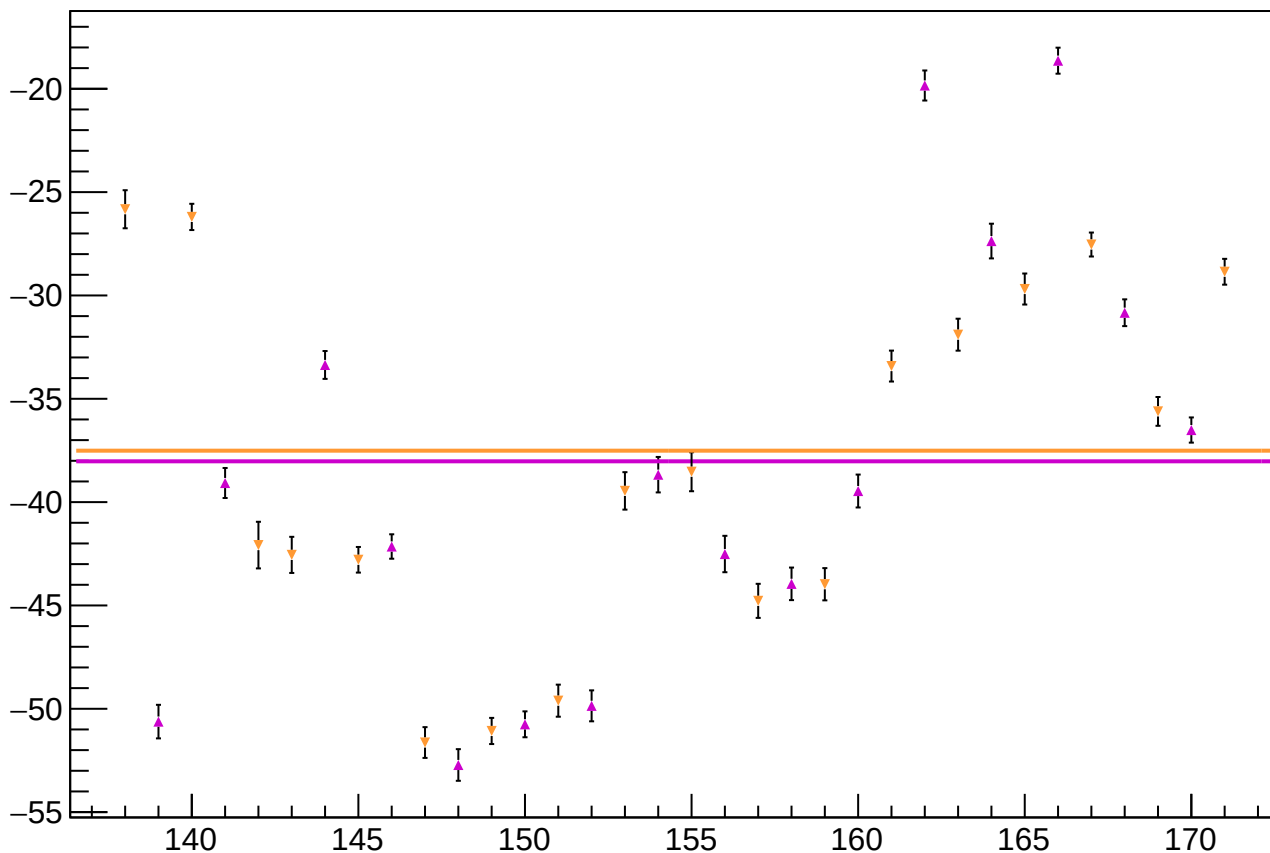
Left In: -3.354+/-0.132 χ^2/NDF :1773.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.403+/-0.091 χ^2/NDF : 3362.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -37.511+/-0.175 χ^2/NDF : 2501.1/17

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

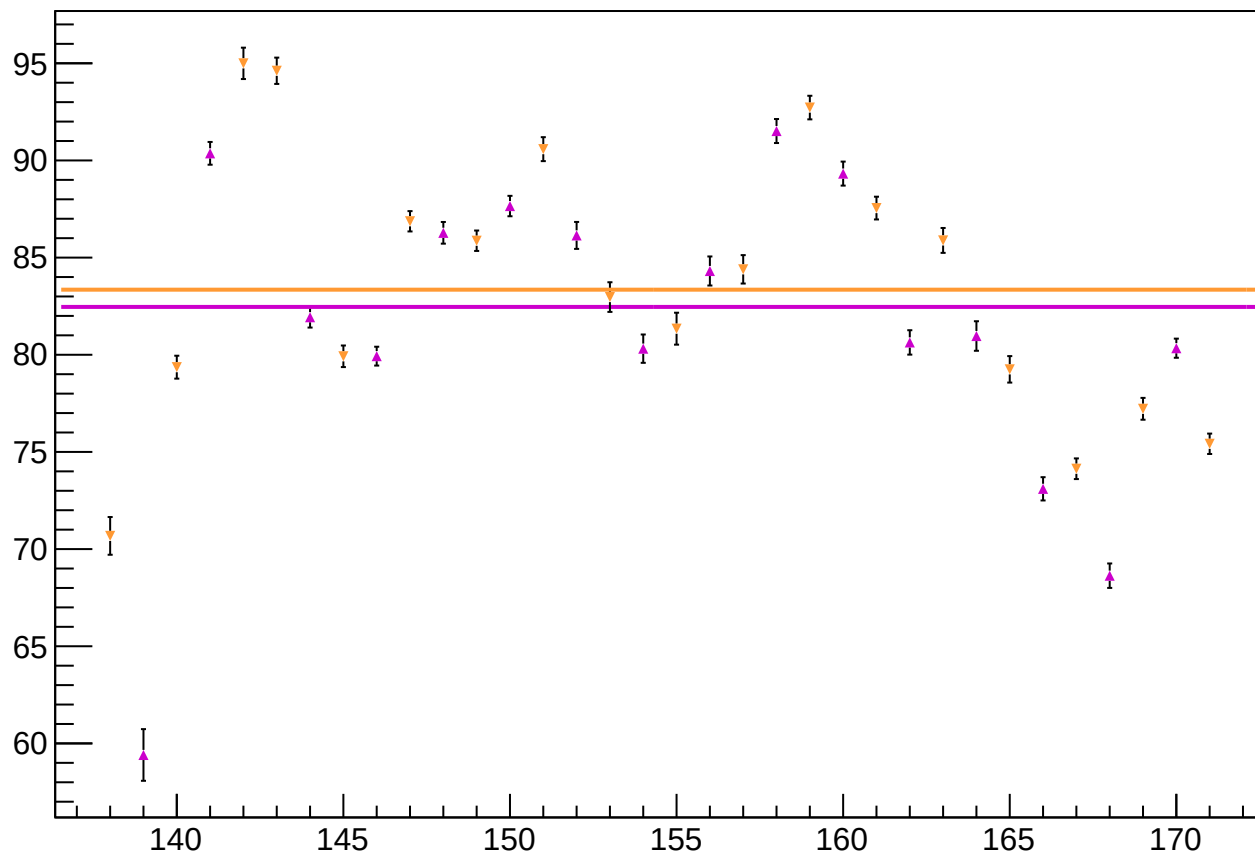
Left In: -38.025+/-0.179 χ^2/NDF : 3320.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.763+/-0.125 χ^2/NDF : 5826.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 83.350+/-0.147 χ^2/NDF :1942.9/17

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

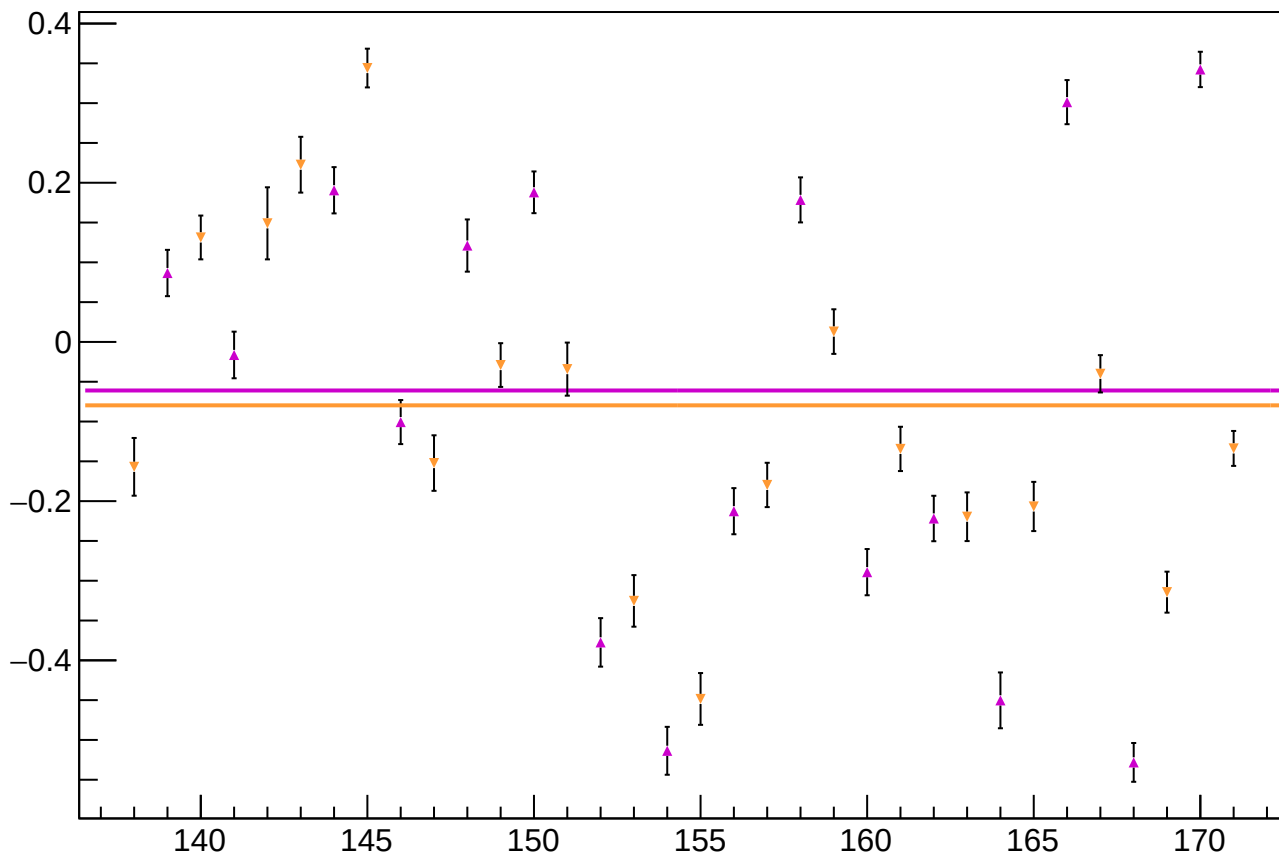
Left In: 82.463+/-0.153 χ^2/NDF :1795.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.924+/-0.106 χ^2/NDF : 3755.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.080 $\pm$ 0.007 χ^2/NDF :819.4/17

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

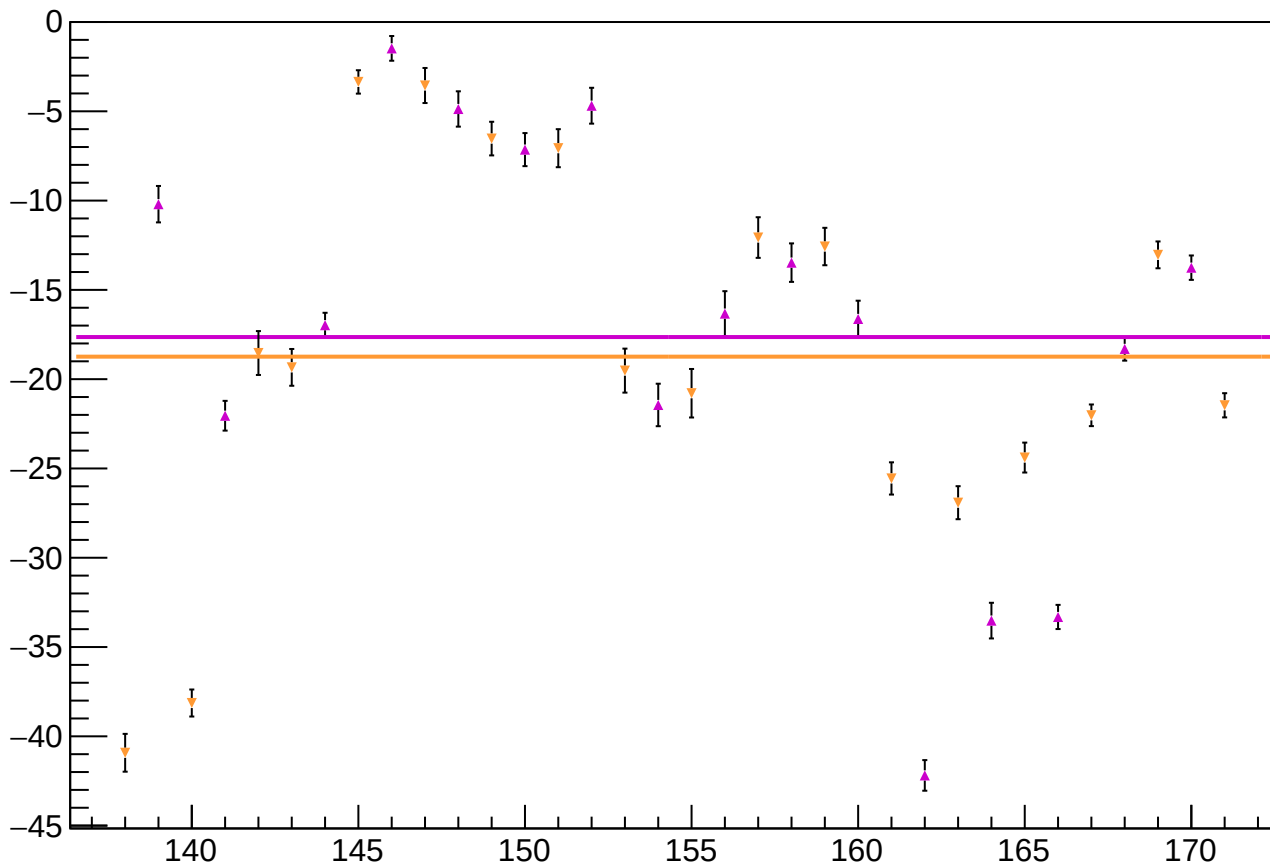
Left In: -0.061 $\pm$ 0.007 χ^2/NDF :1744.0/15

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

All: -0.071 $\pm$ 0.005 χ^2/NDF : 2567.0/33

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

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -18.739 ± 0.209 χ^2/NDF : 2531.2/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

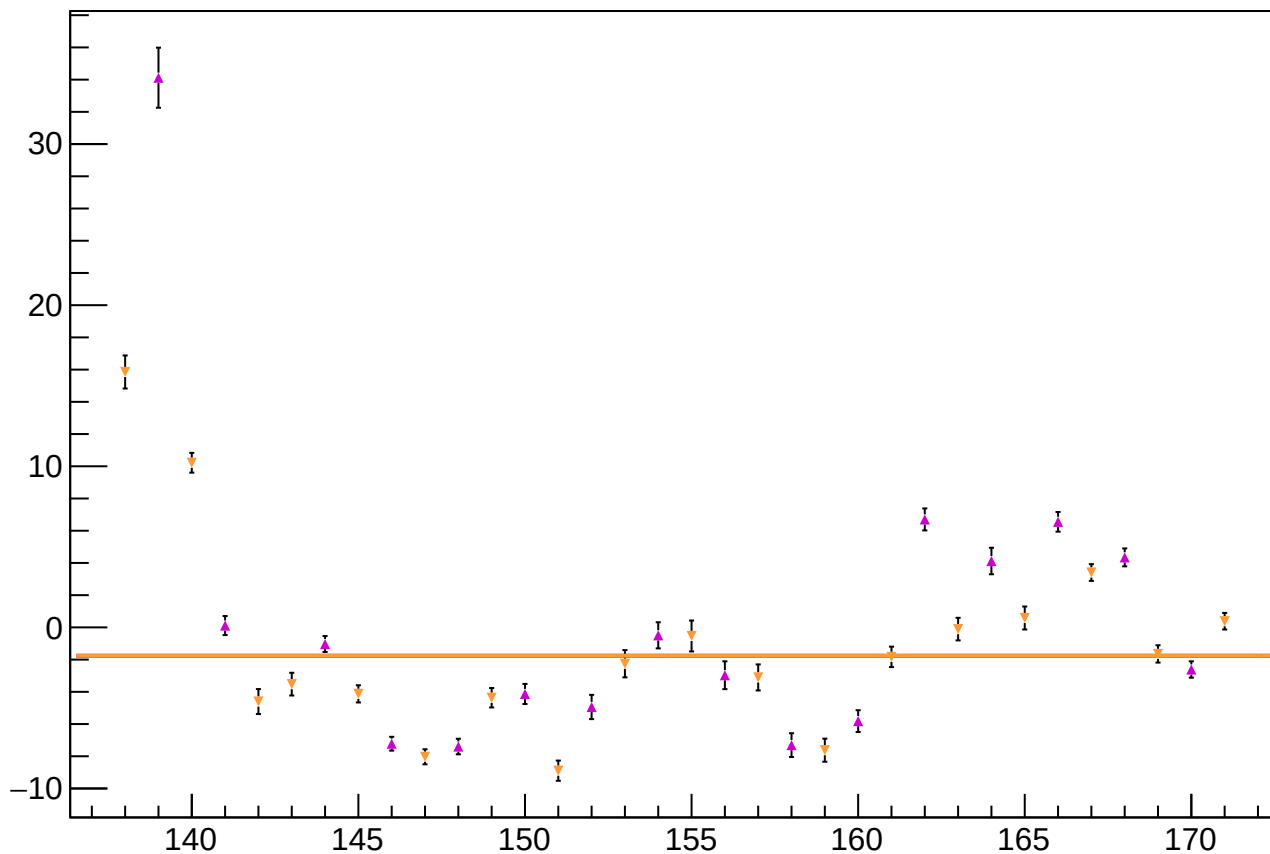
Left In: -17.641 ± 0.214 χ^2/NDF : 2758.7/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.203 ± 0.149 χ^2/NDF : 5303.5/33

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

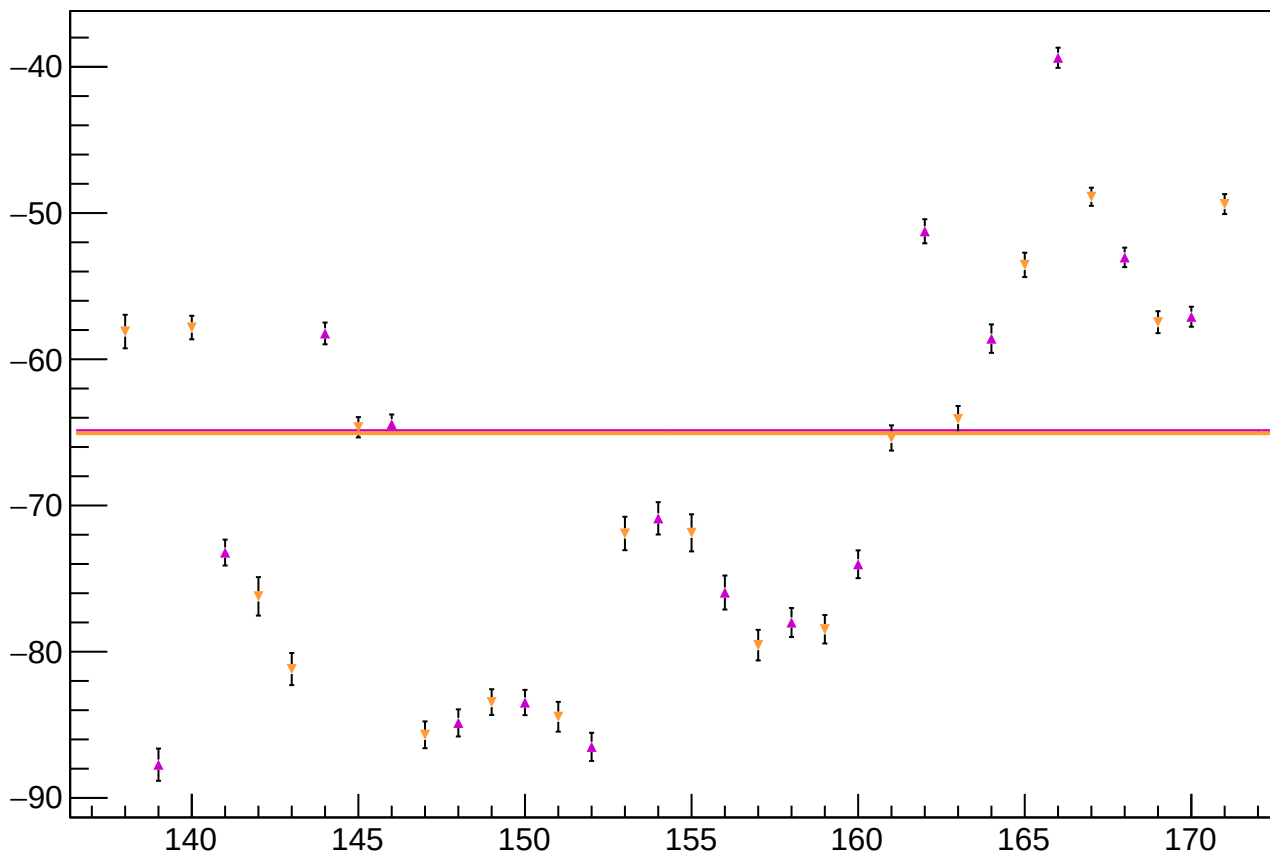
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.755 $\pm$ 0.151 χ^2 /NDF:1246.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.765 $\pm$ 0.155 χ^2 /NDF:1321.8/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -1.760 $\pm$ 0.108 χ^2 /NDF: 2568.4/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -65.052+/-0.208 χ^2/NDF : 3658.1/17

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

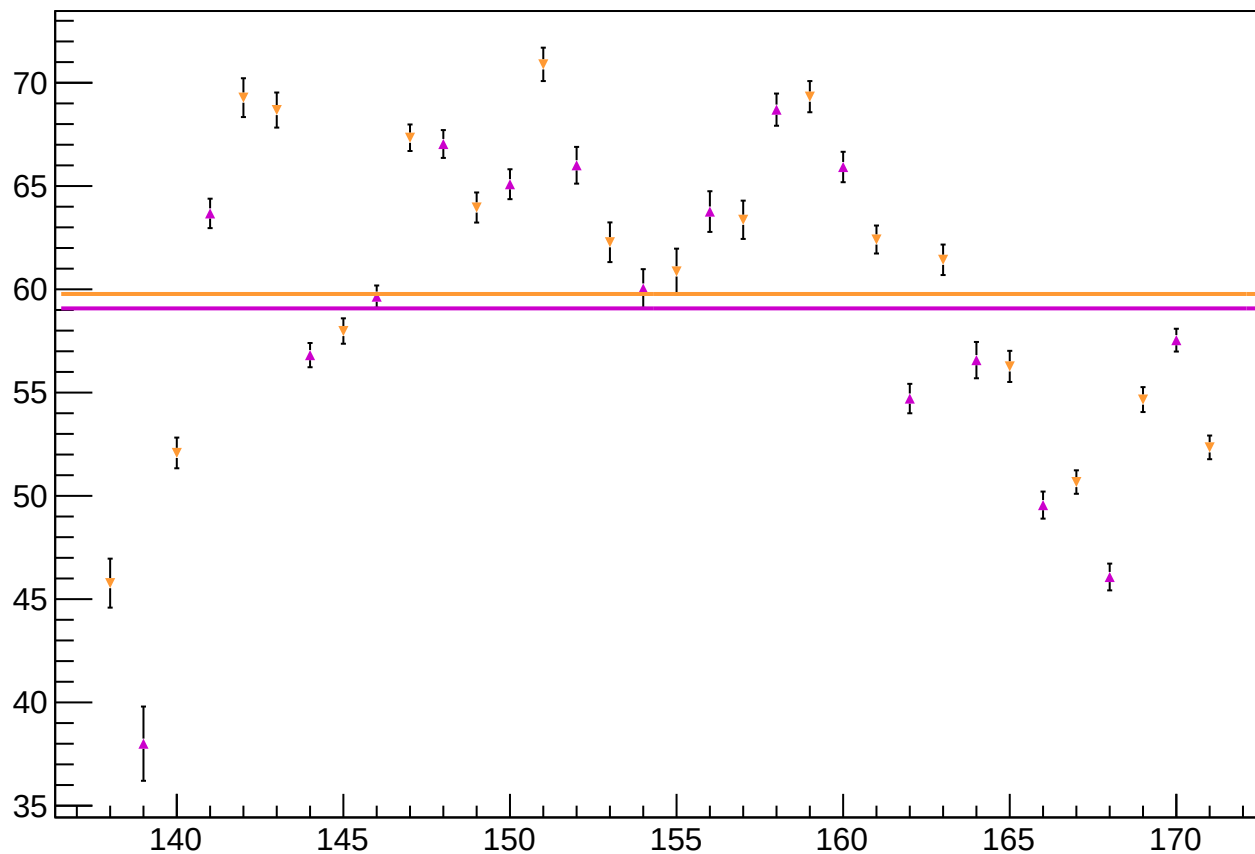
Left In: -64.915+/-0.211 χ^2/NDF : 4545.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.985+/-0.148 χ^2/NDF : 8203.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 59.774+/-0.174 χ^2/NDF : 1549.7/17

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

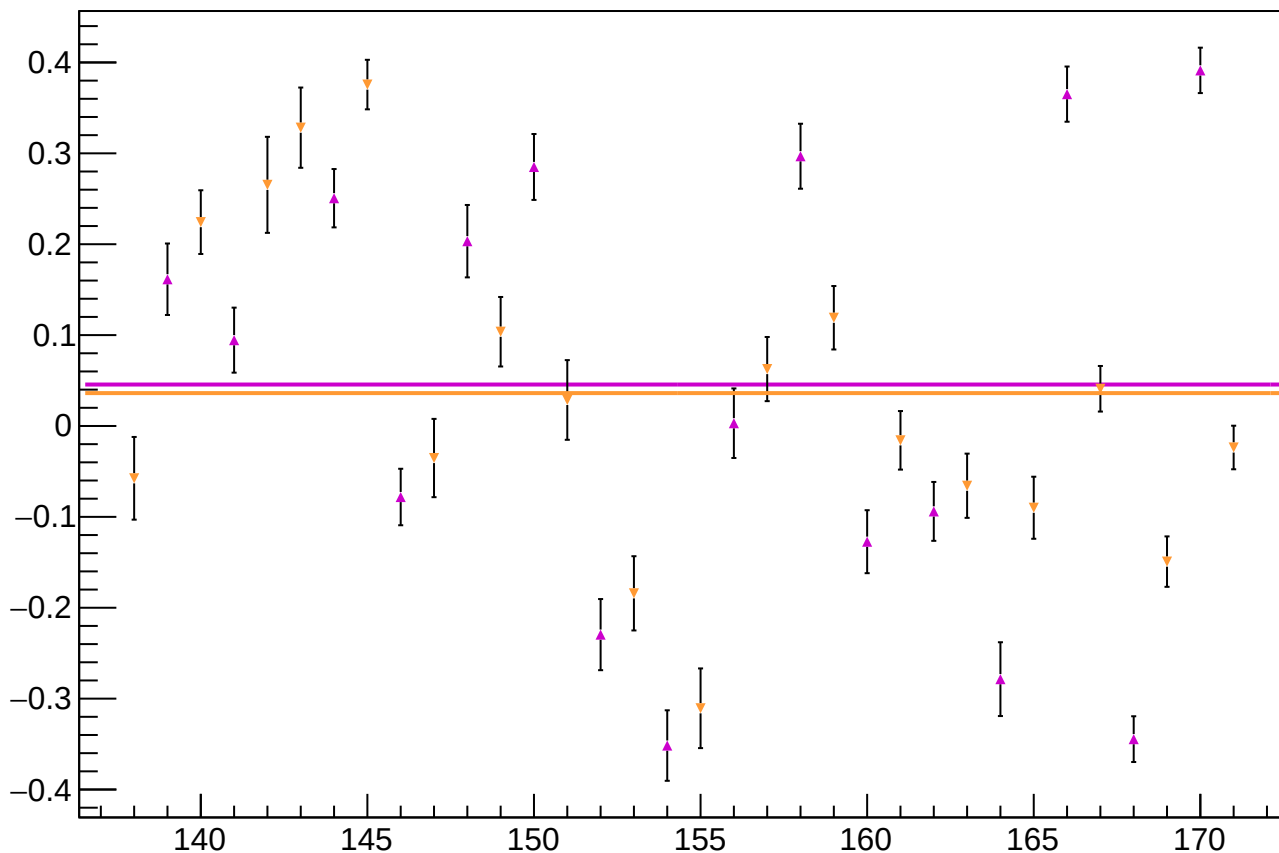
Left In: 59.076+/-0.180 χ^2/NDF : 1394.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.437+/-0.125 χ^2/NDF : 2951.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.036 $\pm$ 0.008 χ^2 /NDF:430.1/17

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

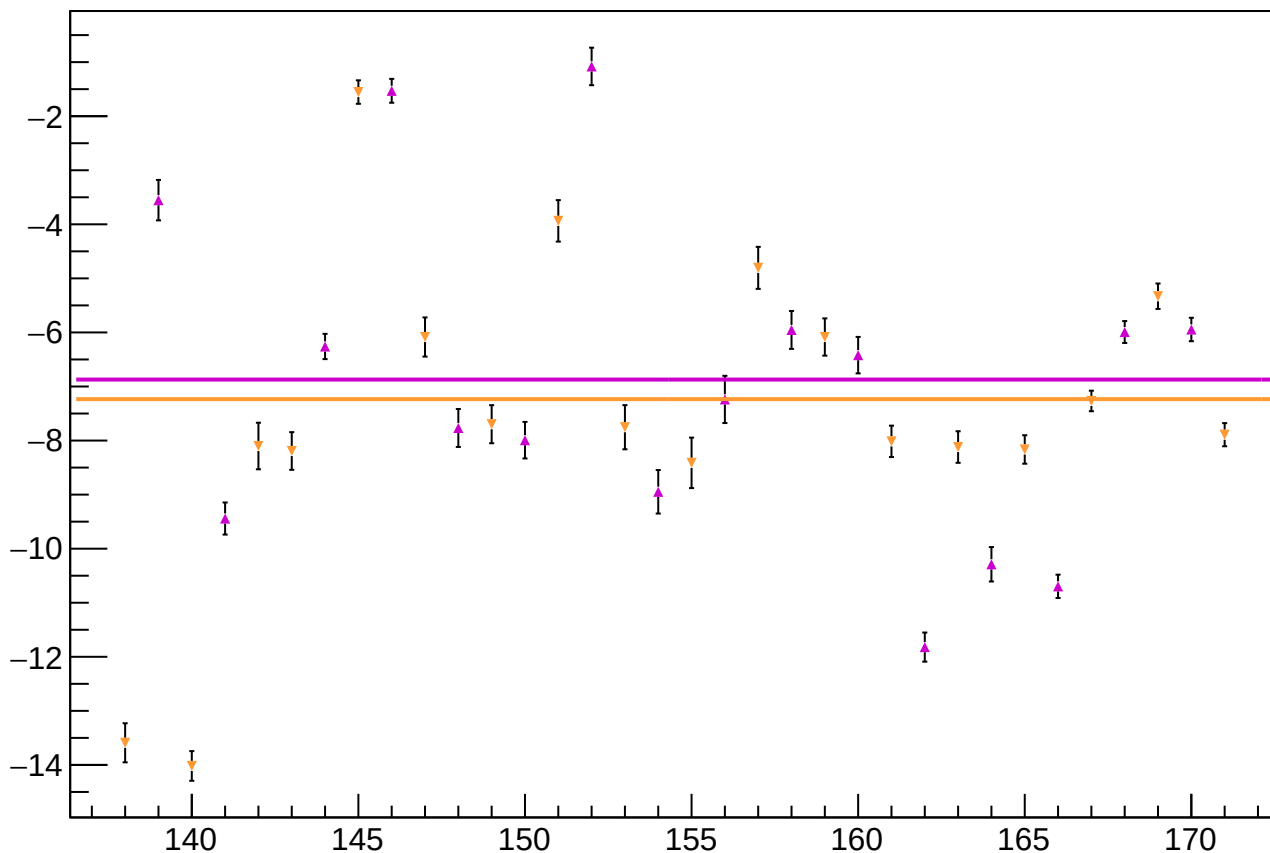
Left In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15

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

All: 0.041 $\pm$ 0.006 χ^2 /NDF: 1411.7/33

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

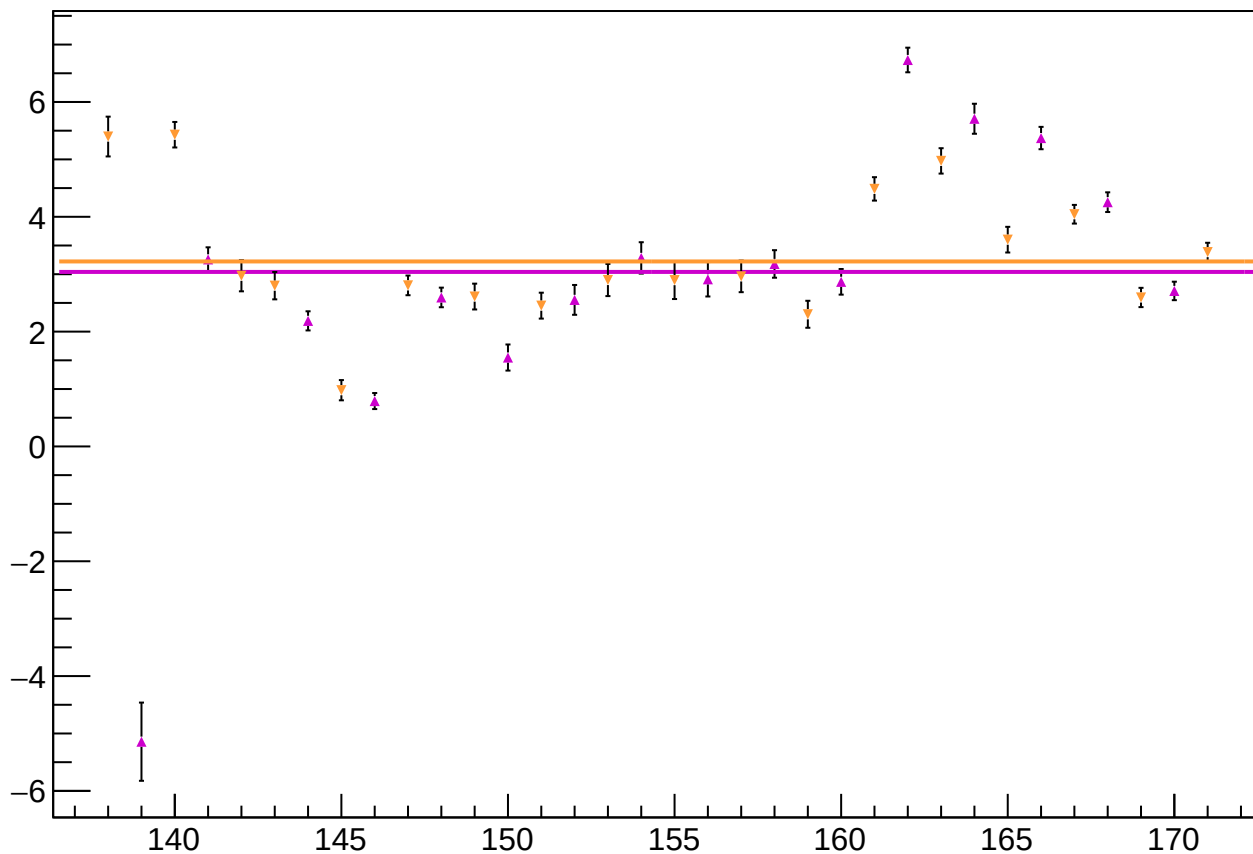
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -7.234 ± 0.069 χ^2/NDF : 1864.2/17
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -6.872 ± 0.070 χ^2/NDF : 1881.2/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -7.056 ± 0.049 χ^2/NDF : 3758.8/33
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

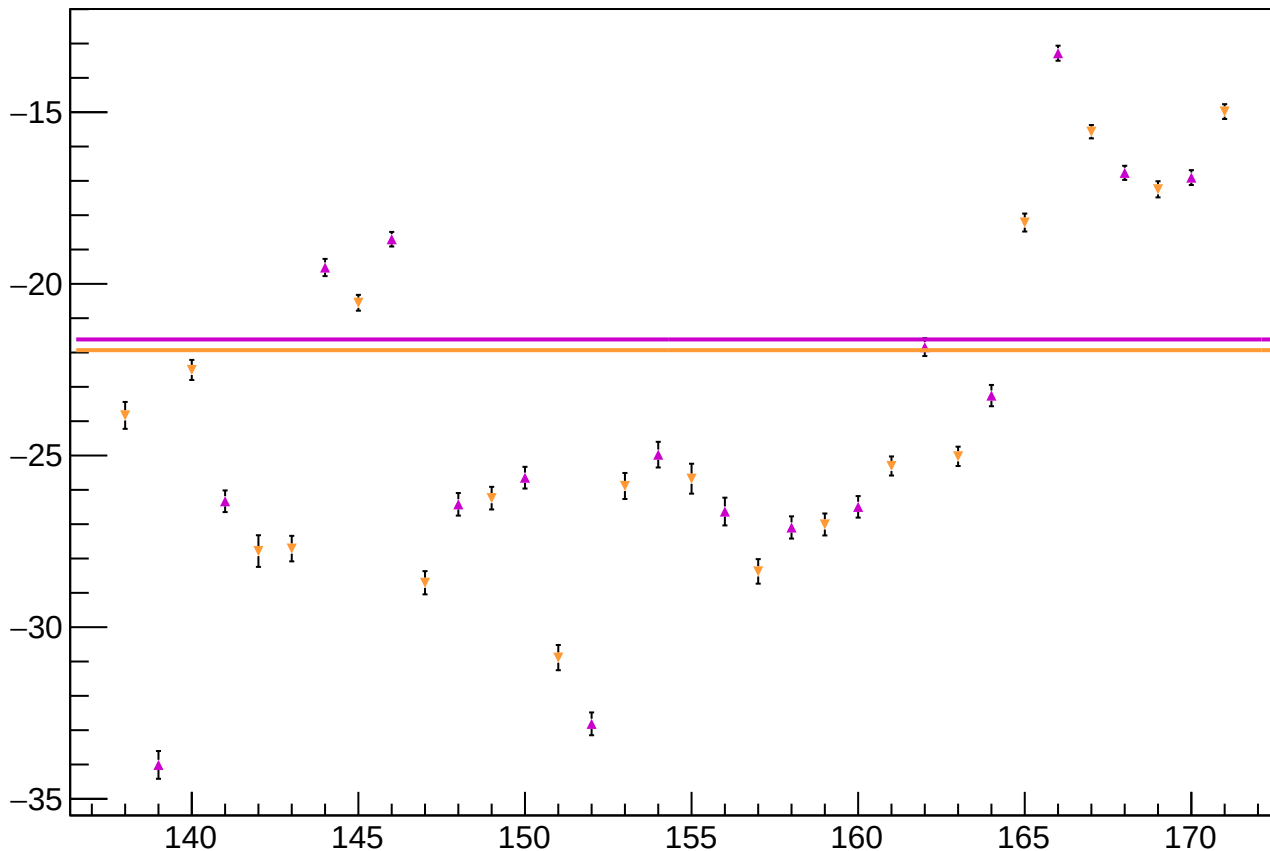
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.222 $\pm$ 0.050 χ^2 /NDF:491.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.040 $\pm$ 0.051 χ^2 /NDF:1084.6/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.133 $\pm$ 0.036 χ^2 /NDF: 1582.9/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -21.932+/-0.069 χ^2/NDF : 5373.2/17

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

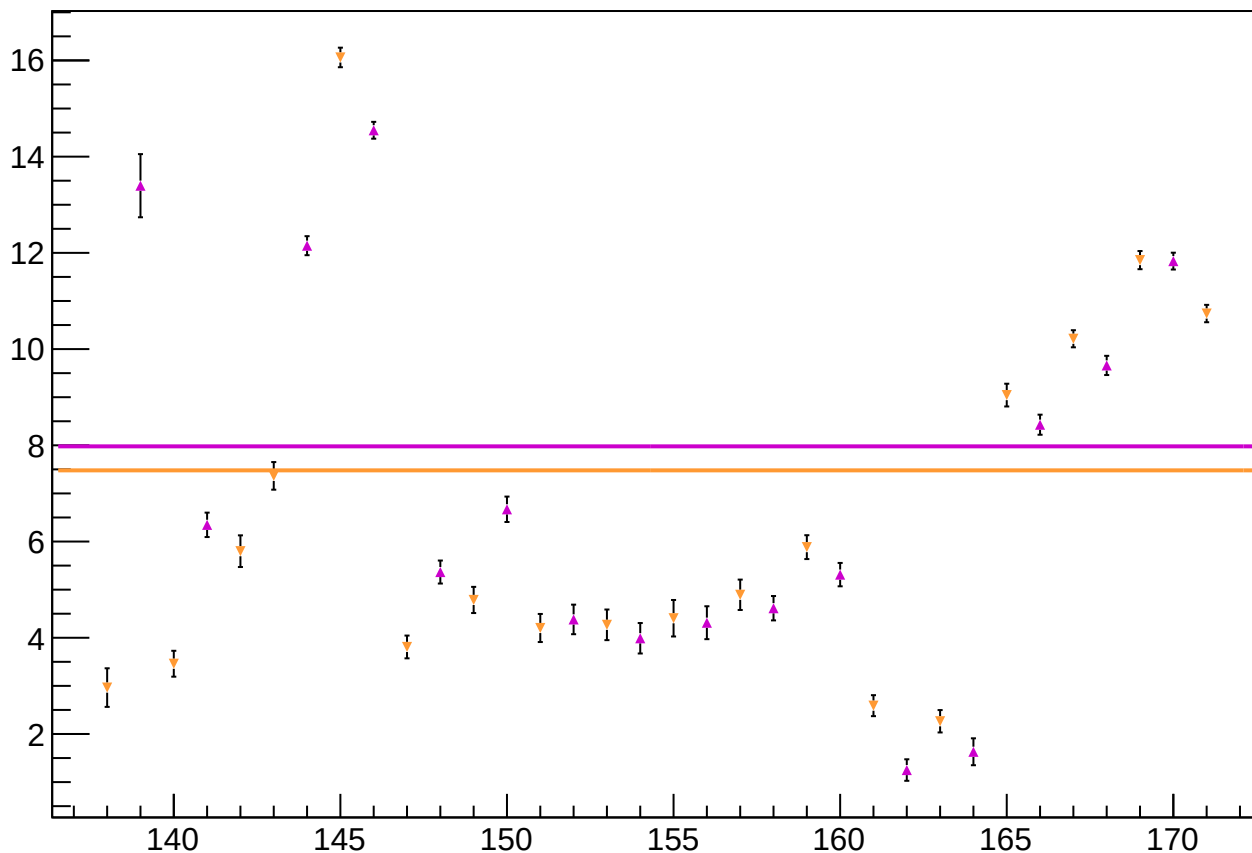
Left In: -21.619+/-0.070 χ^2/NDF : 6193.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.777+/-0.049 χ^2/NDF : 11576.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

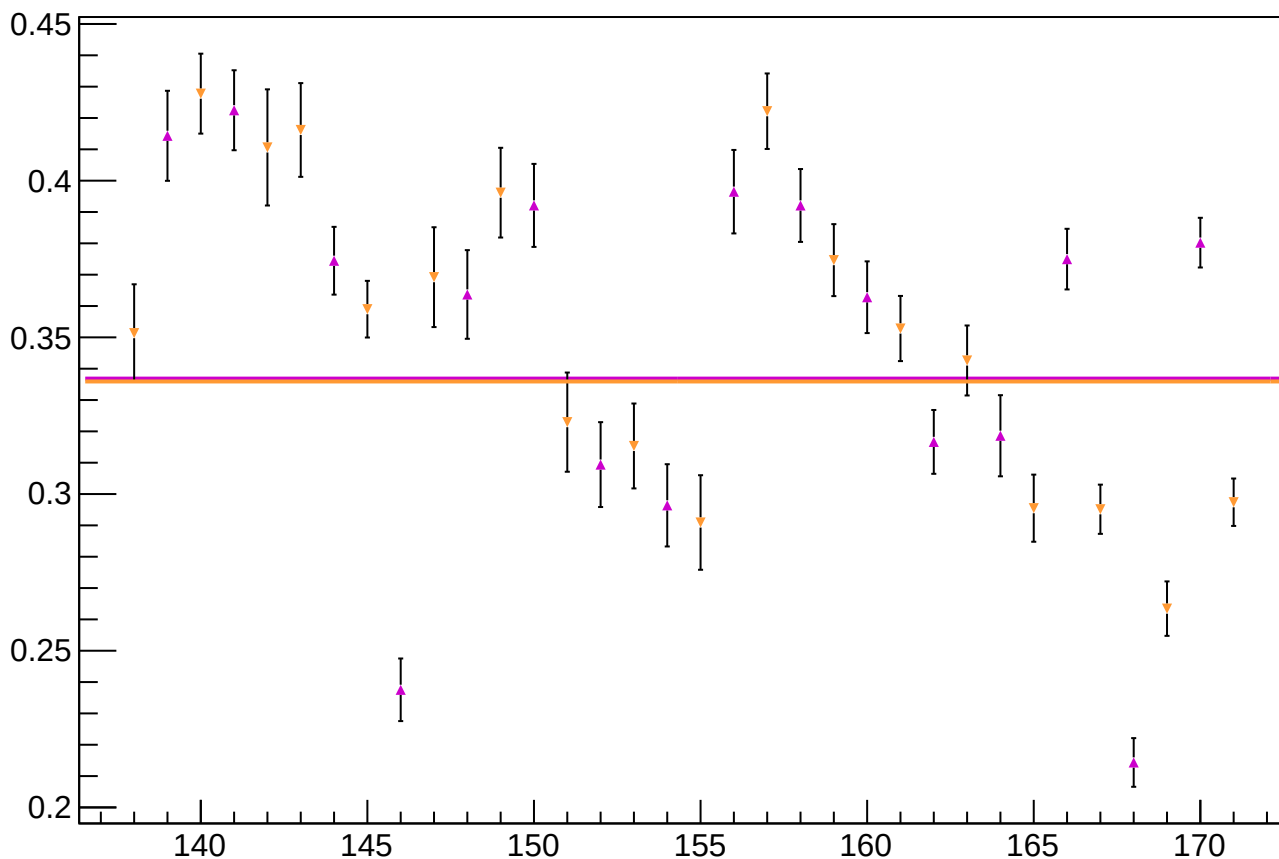
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.479+/-0.058 χ^2/NDF :5048.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.978+/-0.059 χ^2/NDF :4798.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.722+/-0.041 χ^2/NDF : 9882.8/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

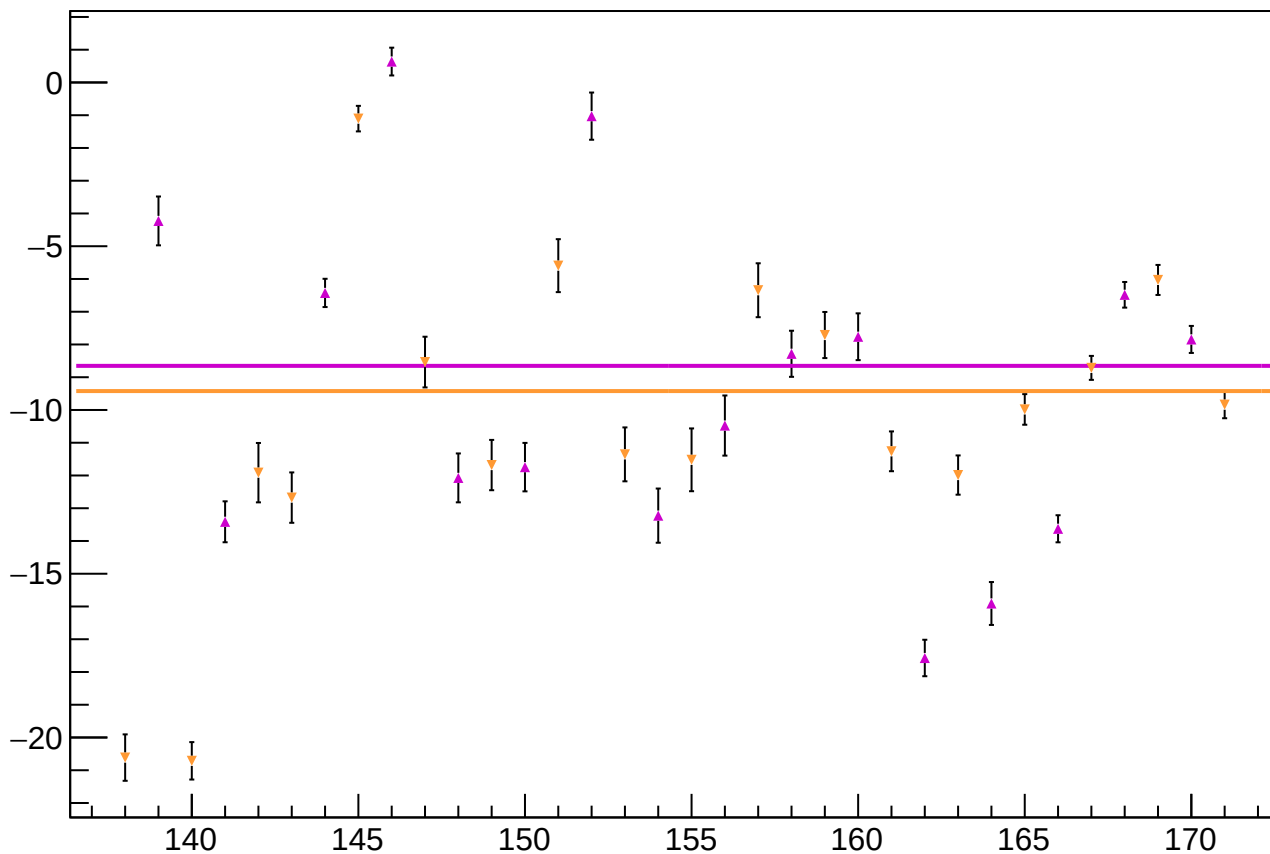
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.336 $\pm$ 0.003 χ^2 /NDF:340.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.337 $\pm$ 0.003 χ^2 /NDF:567.5/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.336 $\pm$ 0.002 χ^2 /NDF: 908.3/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

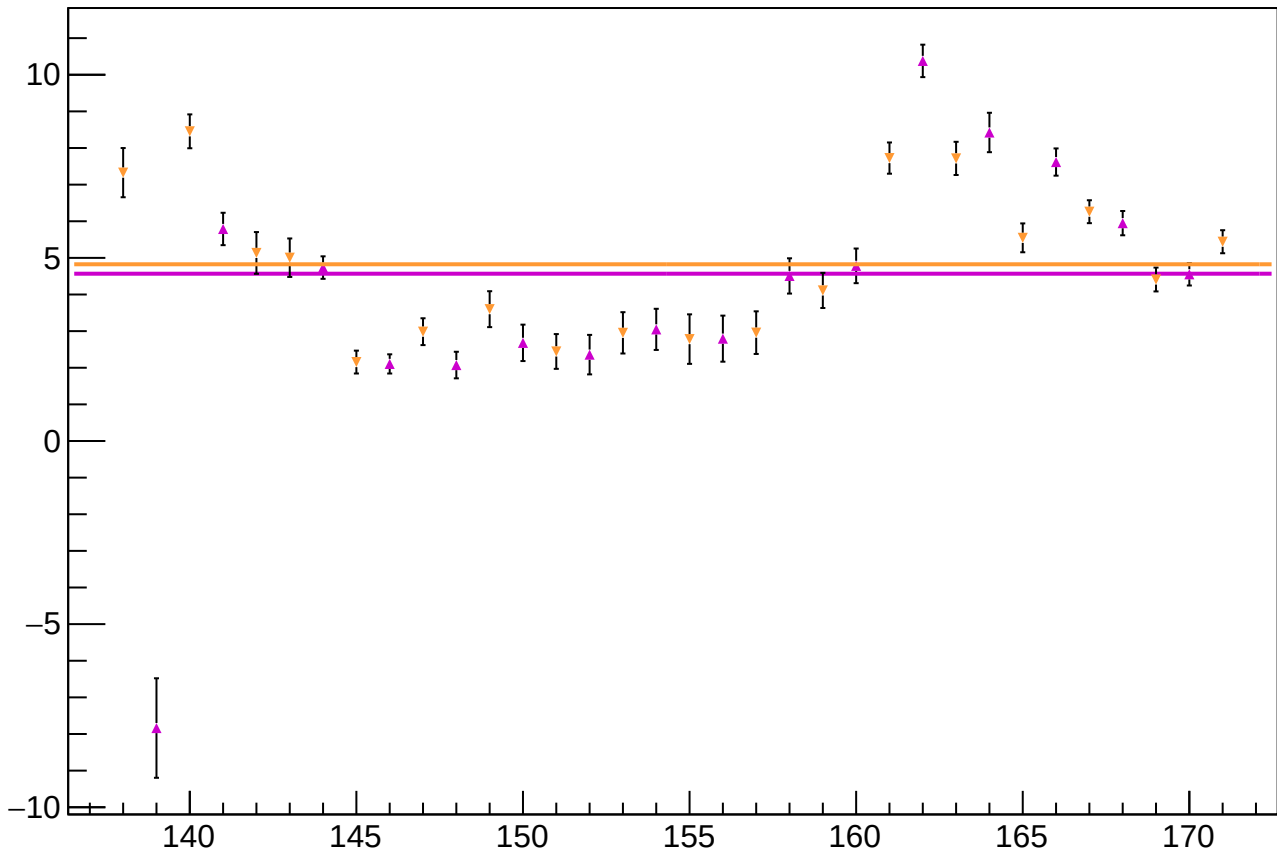
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : $0.0/0$
 Left Out: -9.423 ± 0.137 χ^2/NDF : $1271.0/17$
 Right Out: 0.000 ± 0.000 χ^2/NDF : $0.0/0$
 Left In: -8.653 ± 0.140 χ^2/NDF : $1344.9/15$

+ sign 0.000 ± 0.000 χ^2/NDF : $0.0/0$
 All: -9.046 ± 0.098 χ^2/NDF : $2631.5/33$
 - sign 0.000 ± 0.000 χ^2/NDF : $0.0/0$

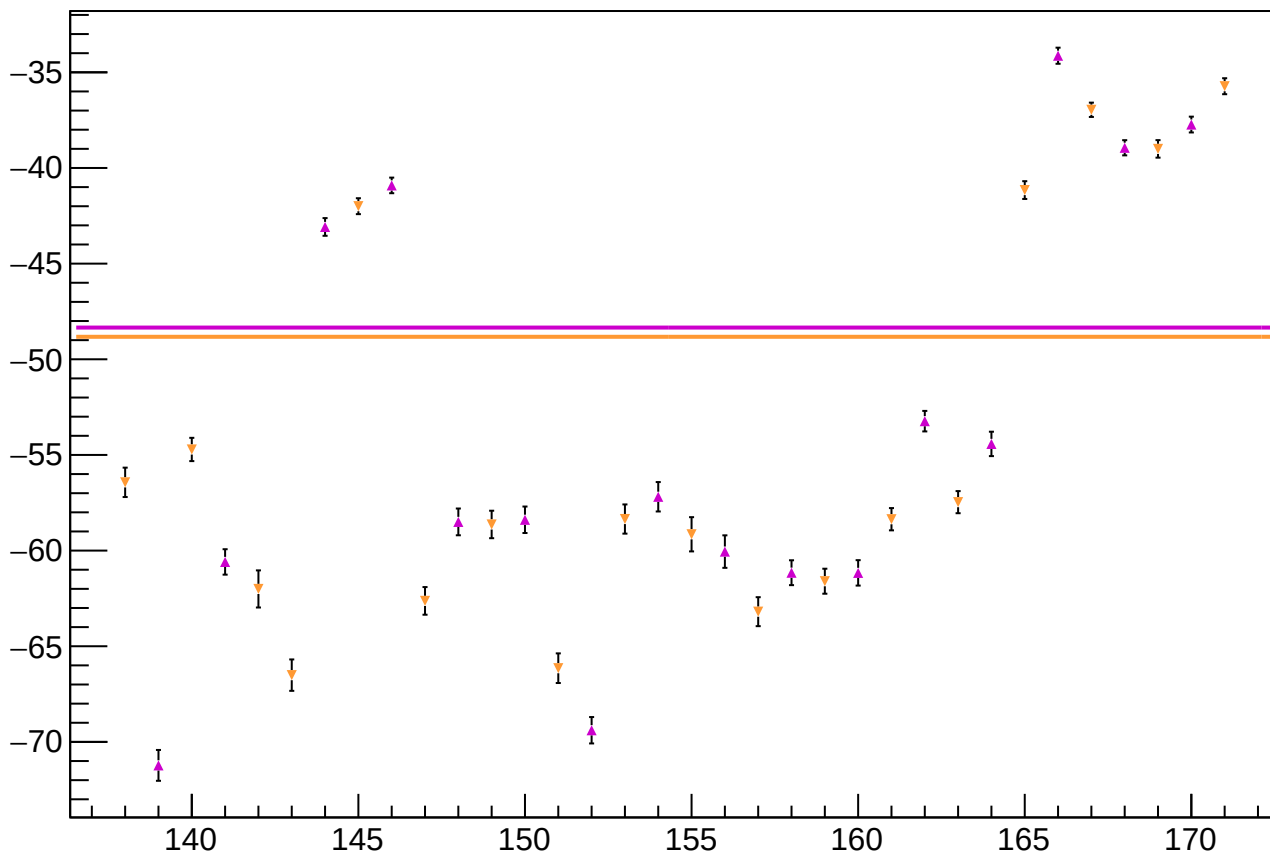
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 4.825 $\pm$ 0.100 χ^2/NDF : 355.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 4.568 $\pm$ 0.102 χ^2/NDF : 581.5/15

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 4.699 $\pm$ 0.072 χ^2/NDF : 940.0/33
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -48.824+/-0.137 χ^2/NDF : 6407.1/17

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

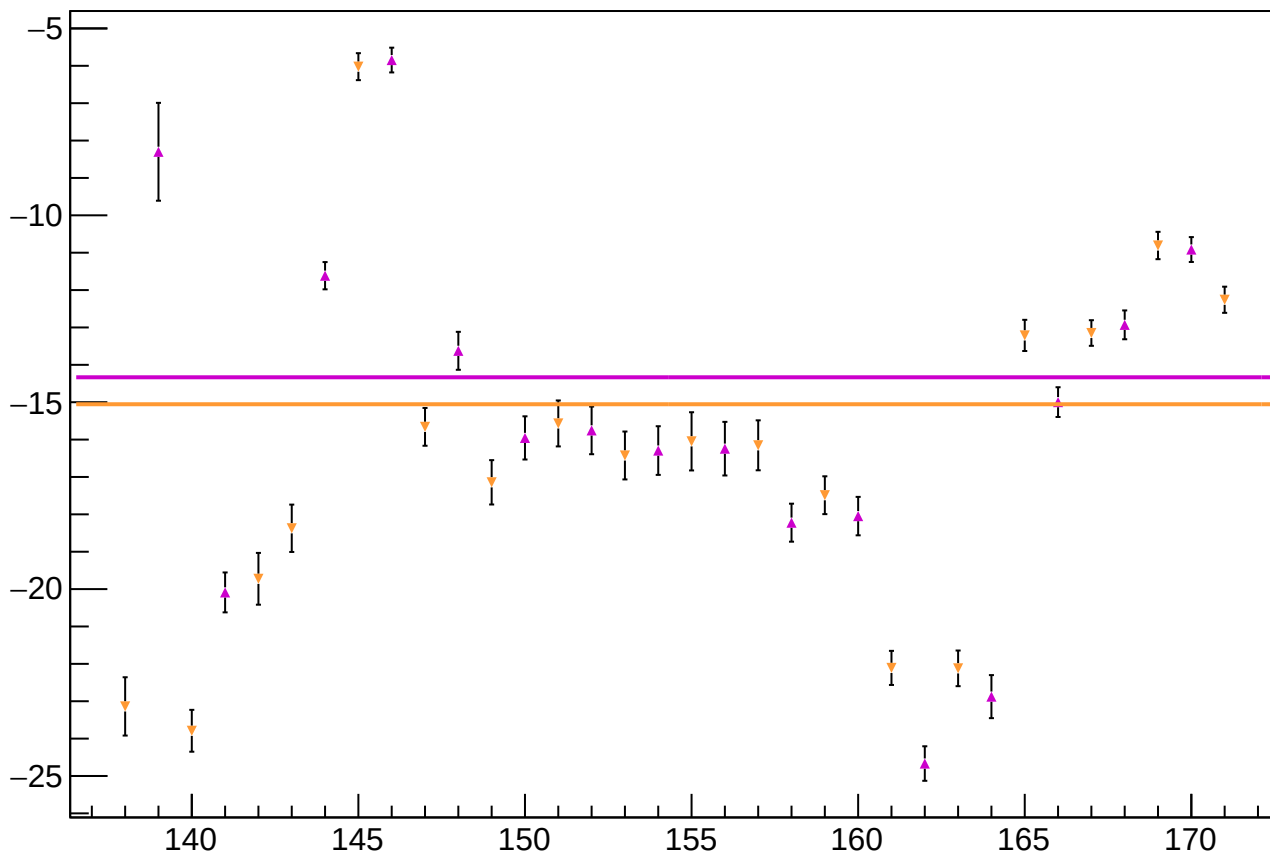
Left In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.586+/-0.097 χ^2/NDF : 12994.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.054 $\pm$ 0.115 χ^2 /NDF:1804.3/17

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

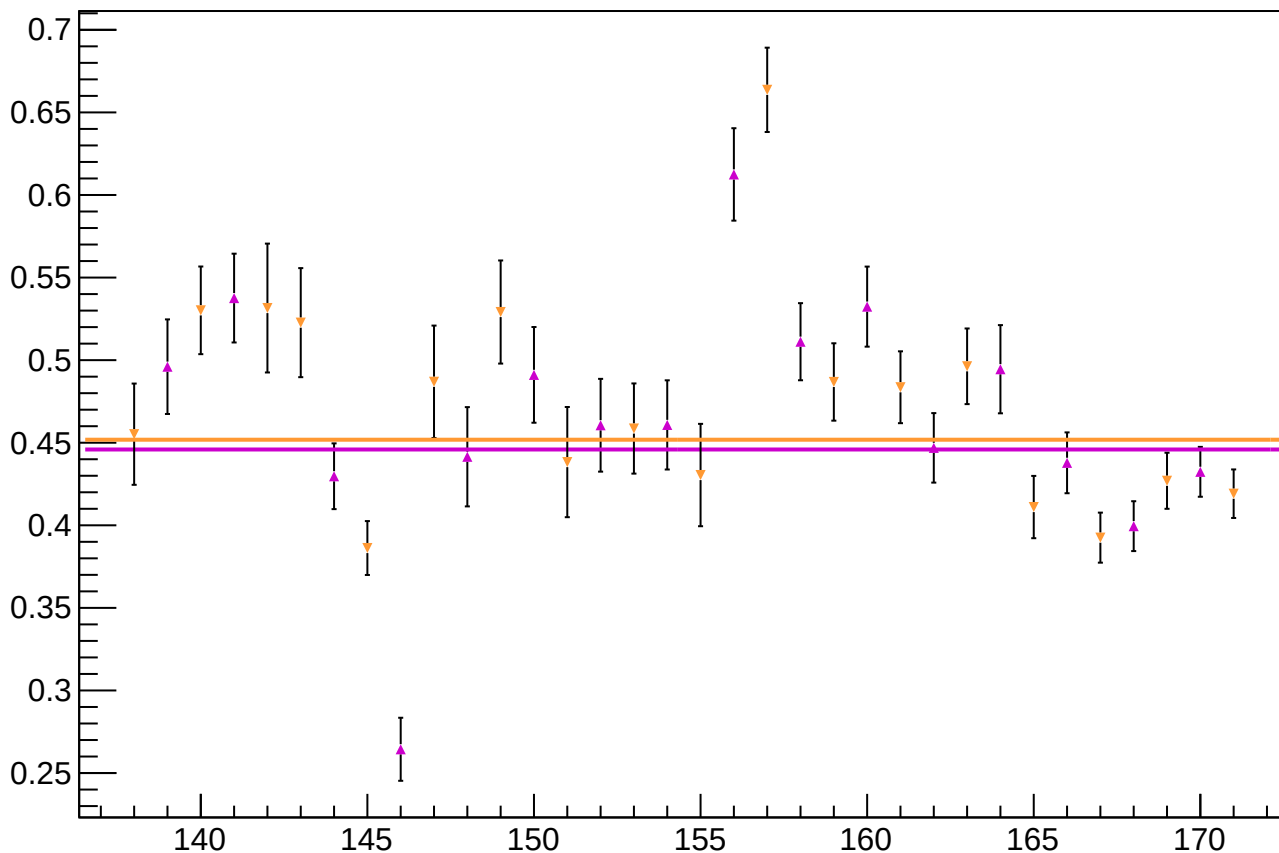
Left In: -14.333 $\pm$ 0.118 χ^2 /NDF:1833.9/15

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

All: -14.704 $\pm$ 0.082 χ^2 /NDF: 3657.4/33

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

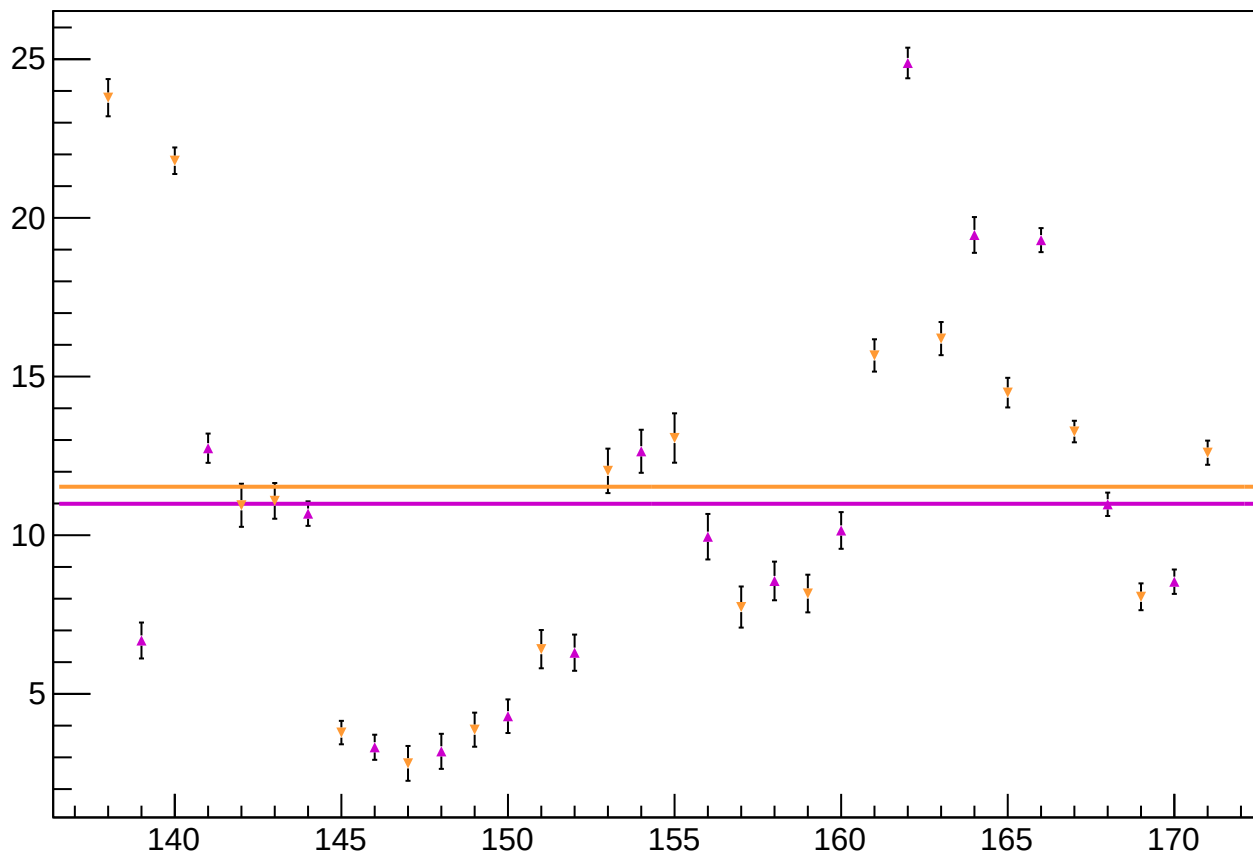
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.452 $\pm$ 0.005 χ^2 /NDF:145.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.449 $\pm$ 0.004 χ^2 /NDF: 324.8/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 11.528+/-0.117 χ^2/NDF :2366.9/17

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

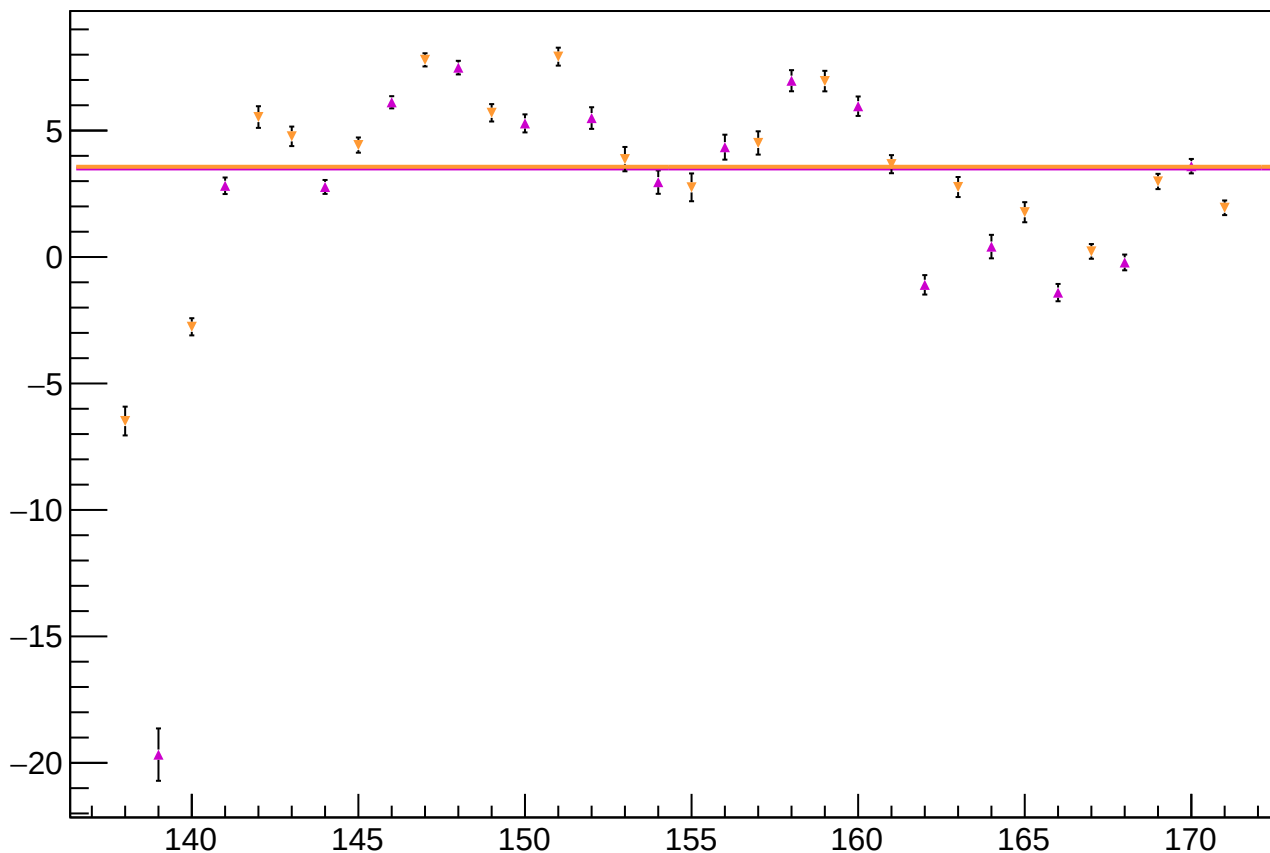
Left In: 10.991+/-0.120 χ^2/NDF :2479.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.267+/-0.084 χ^2/NDF : 4856.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 3.568 $\pm$ 0.085 χ^2 /NDF:1418.0/17

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

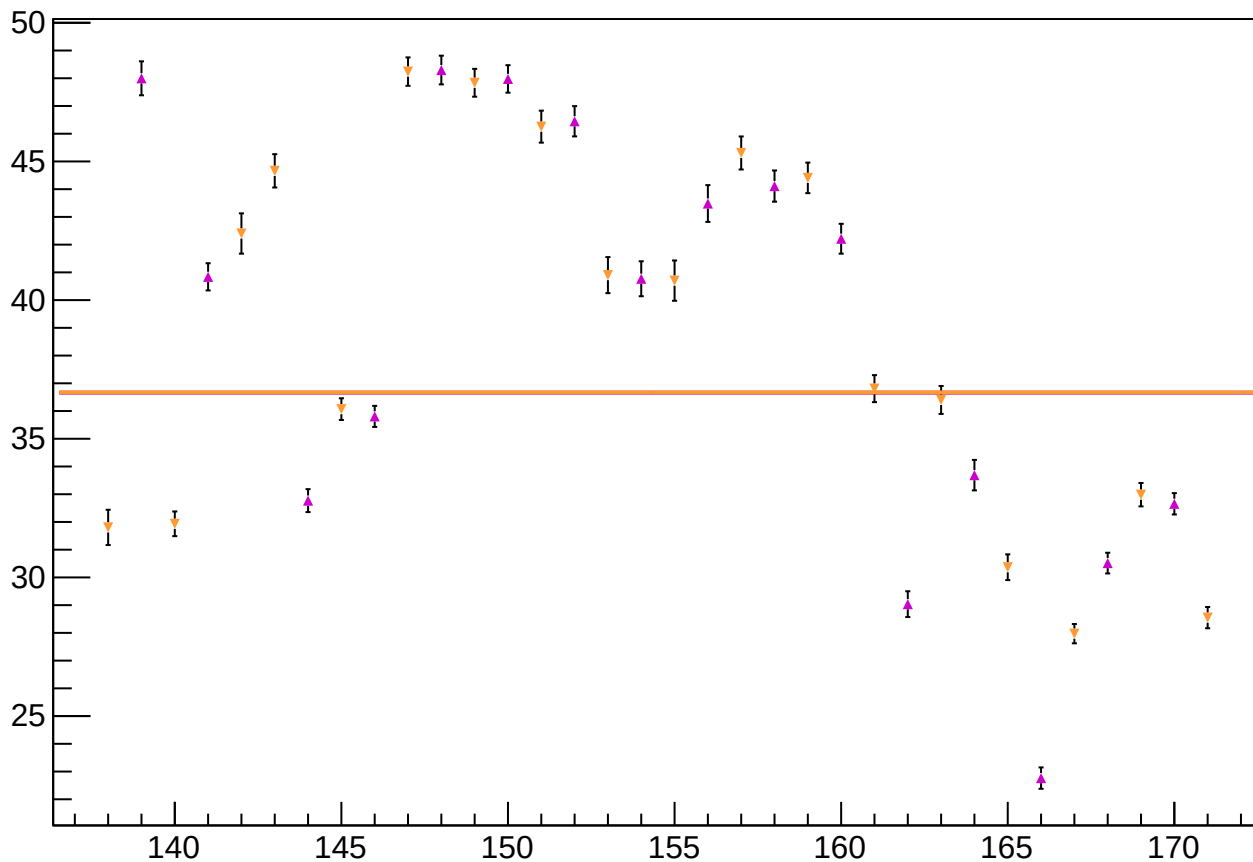
Left In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15

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

All: 3.536 $\pm$ 0.061 χ^2 /NDF: 2963.6/33

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

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 36.672 $\pm$ 0.117 χ^2 /NDF:3509.2/17

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

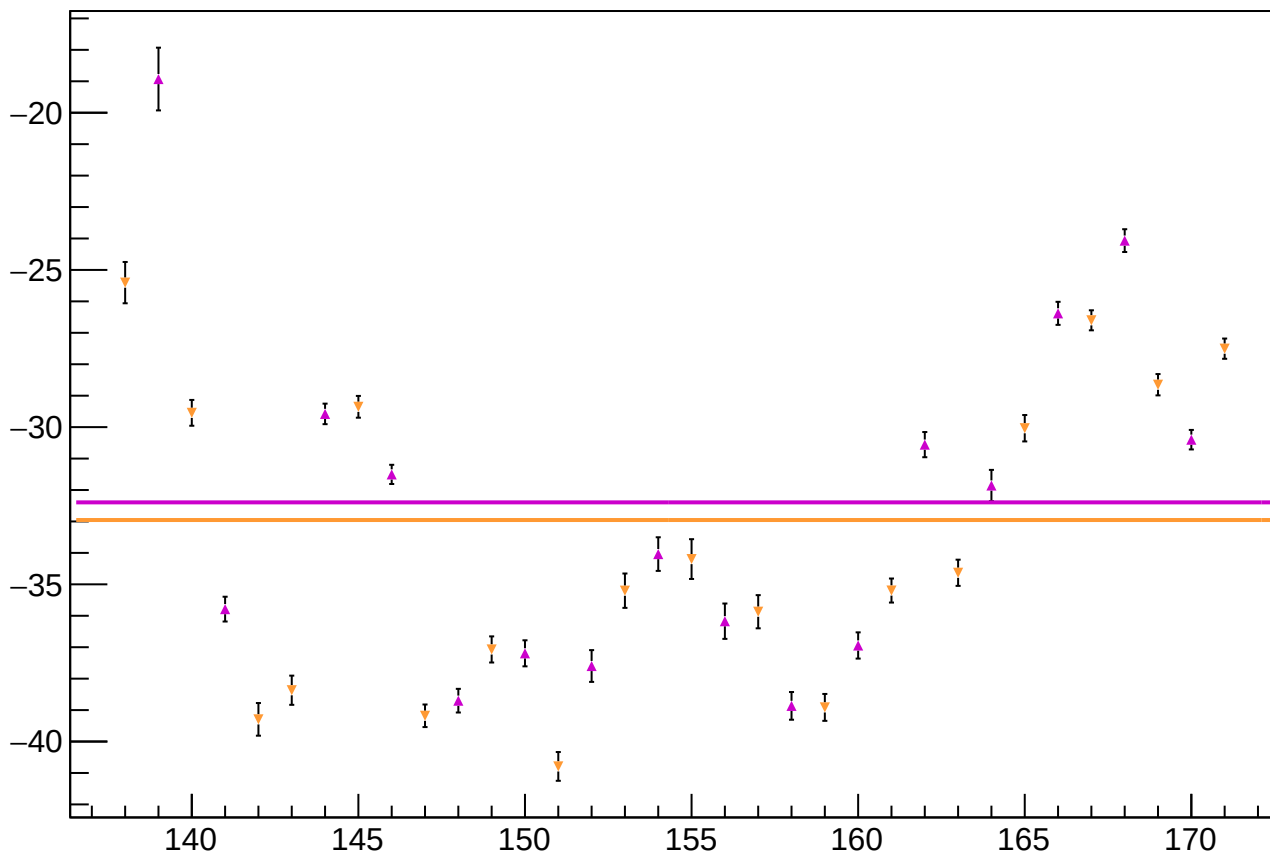
Left In: 36.661 $\pm$ 0.119 χ^2 /NDF:4263.1/15

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

All: 36.667 $\pm$ 0.083 χ^2 /NDF: 7772.2/33

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

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -32.955+/-0.098 χ^2/NDF : 2476.0/17

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

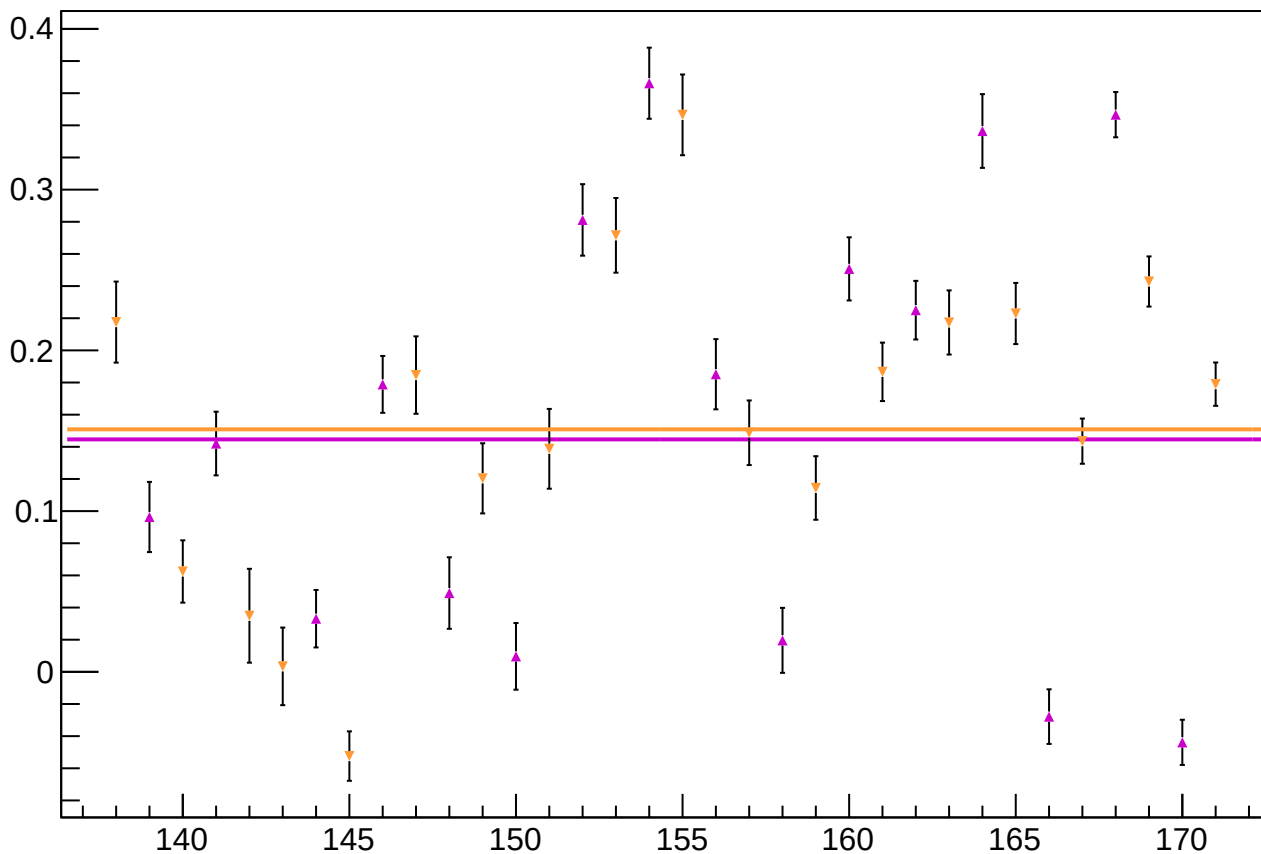
Left In: -32.393+/-0.101 χ^2/NDF : 2109.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.684+/-0.070 χ^2/NDF : 4601.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.151 $\pm$ 0.005 χ^2 /NDF:419.5/17

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

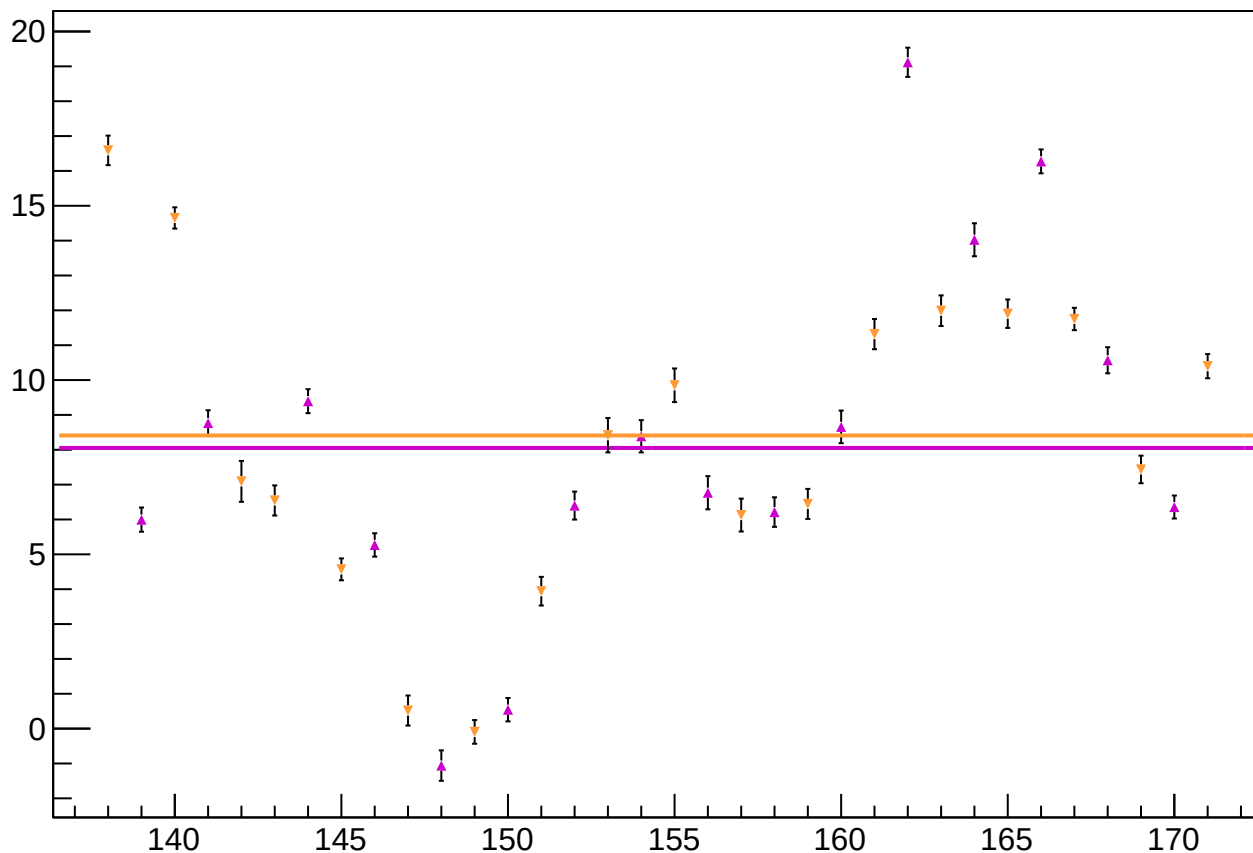
Left In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15

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

All: 0.148 $\pm$ 0.003 χ^2 /NDF: 1315.5/33

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

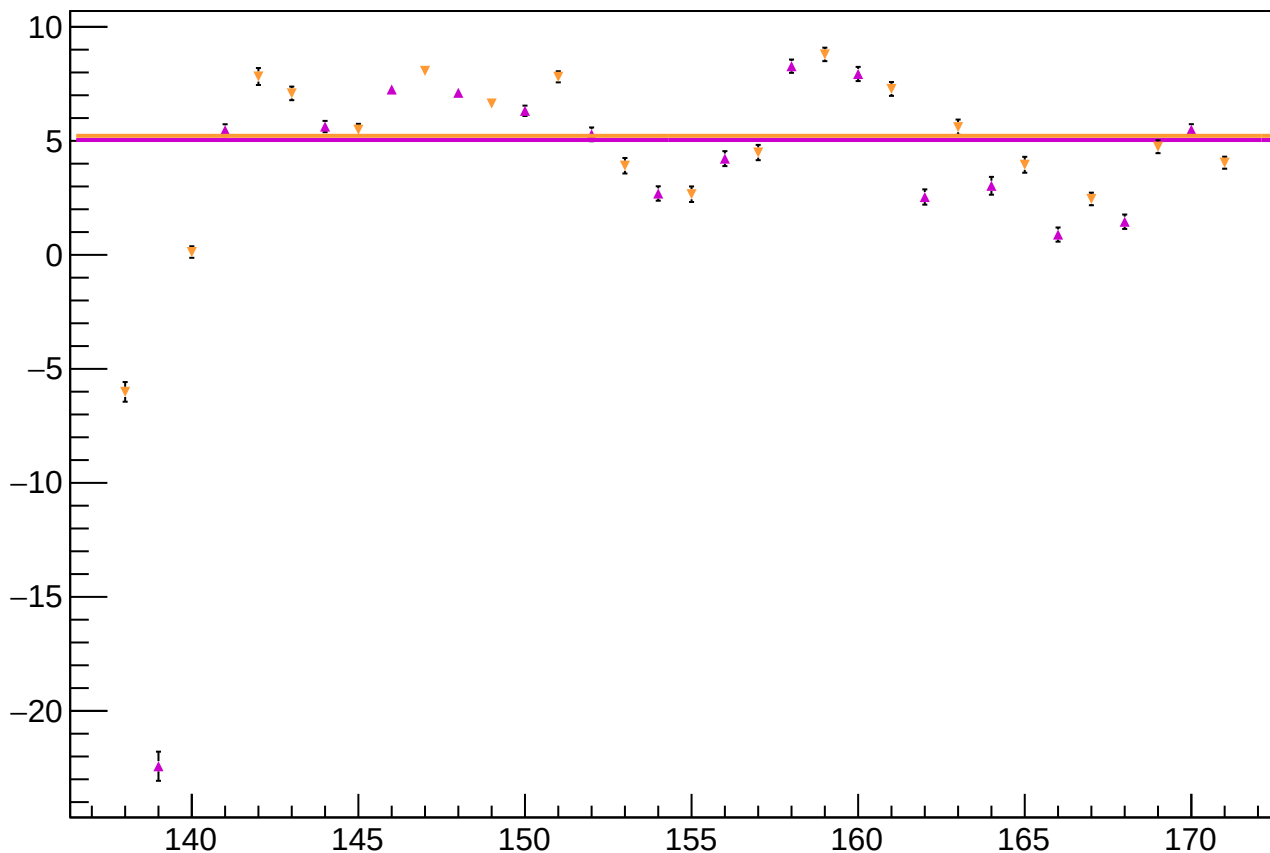
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.410 $\pm$ 0.094 χ^2 /NDF:2431.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.236 $\pm$ 0.067 χ^2 /NDF: 5045.3/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.222 $\pm$ 0.067 χ^2 /NDF:1922.3/17

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

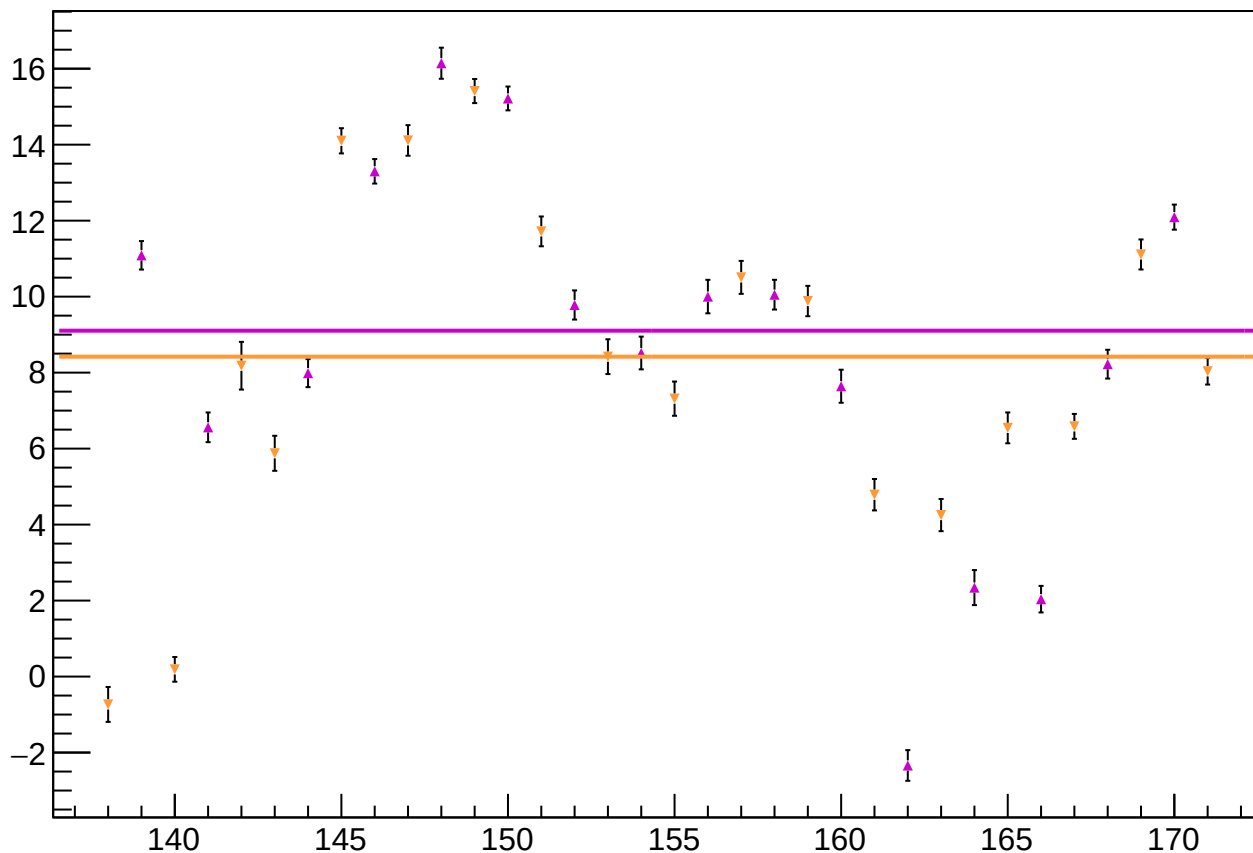
Left In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

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

All: 5.134 $\pm$ 0.049 χ^2 /NDF: 4677.0/33

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

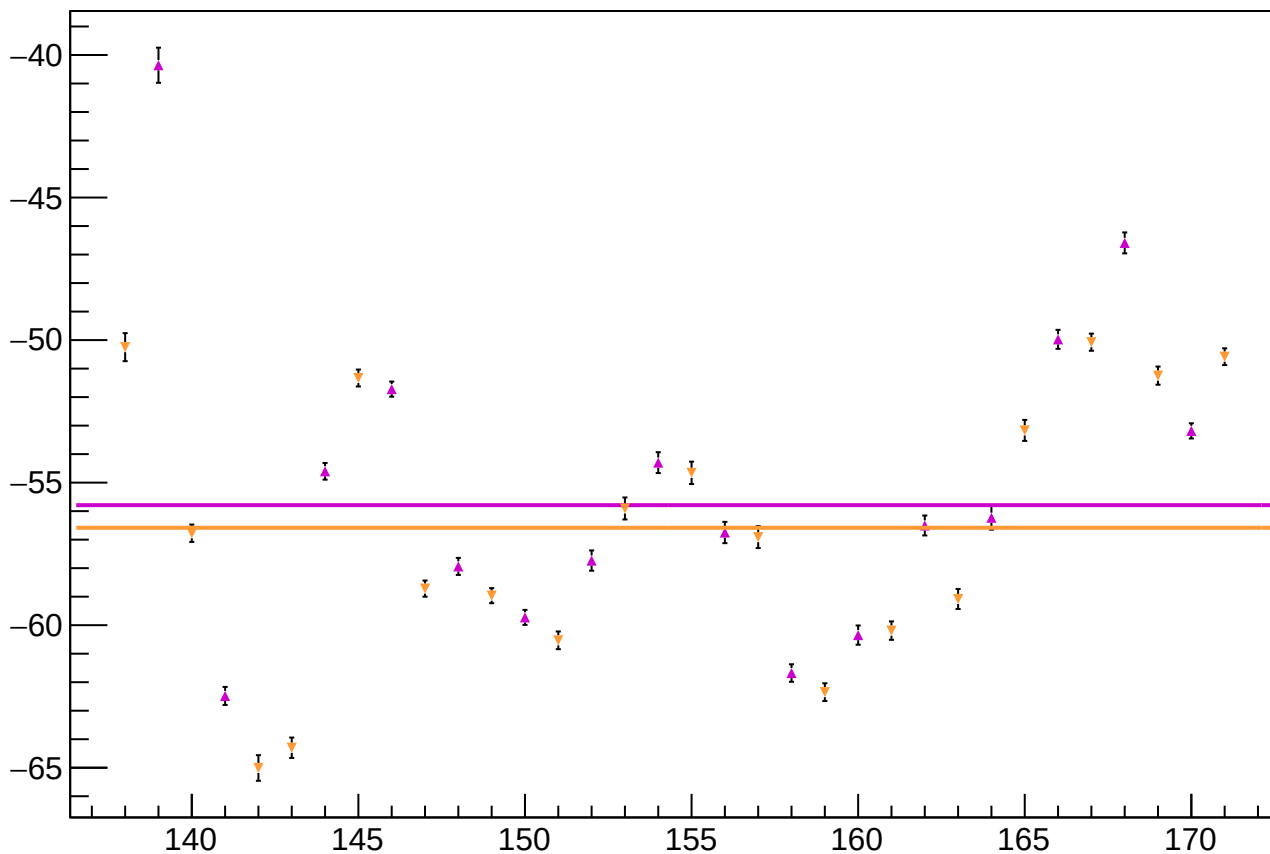
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.420+/-0.093 χ^2/NDF : 2434.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.104+/-0.095 χ^2/NDF : 2465.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.755+/-0.066 χ^2/NDF : 4926.8/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -56.583+/-0.078 χ^2/NDF : 3394.9/17

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

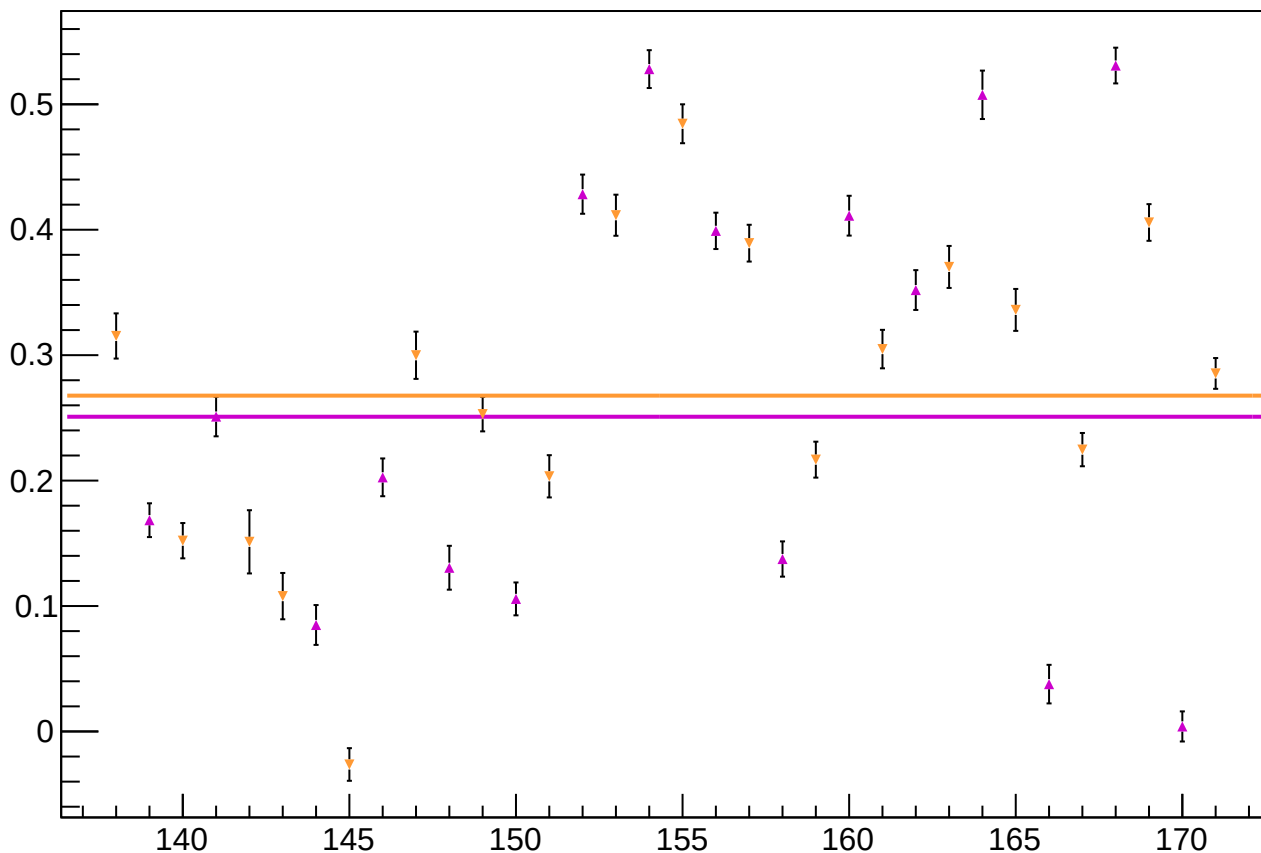
Left In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.204+/-0.056 χ^2/NDF : 6682.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

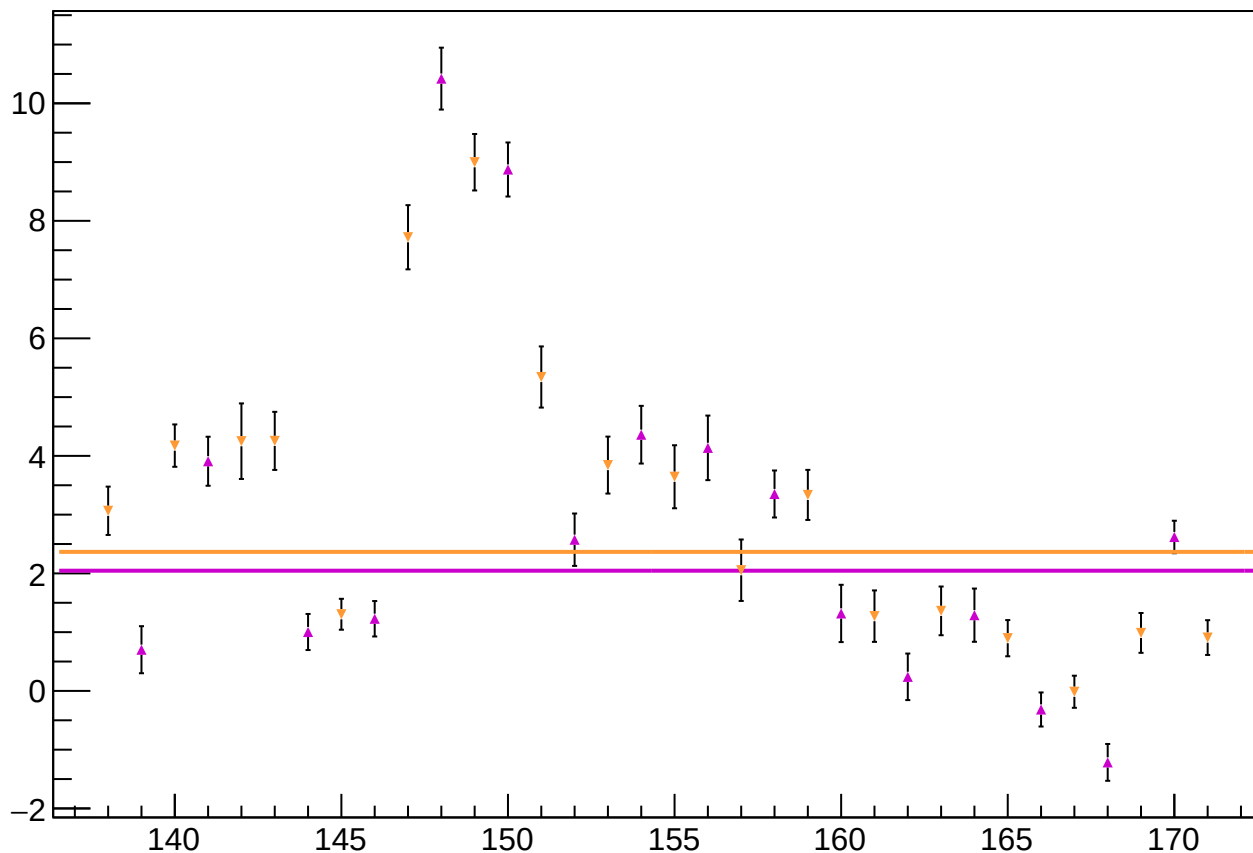
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.268 $\pm$ 0.004 χ^2 /NDF:1215.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.260 $\pm$ 0.003 χ^2 /NDF: 3510.3/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 2.366+/-0.092 χ^2/NDF :558.7/17

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

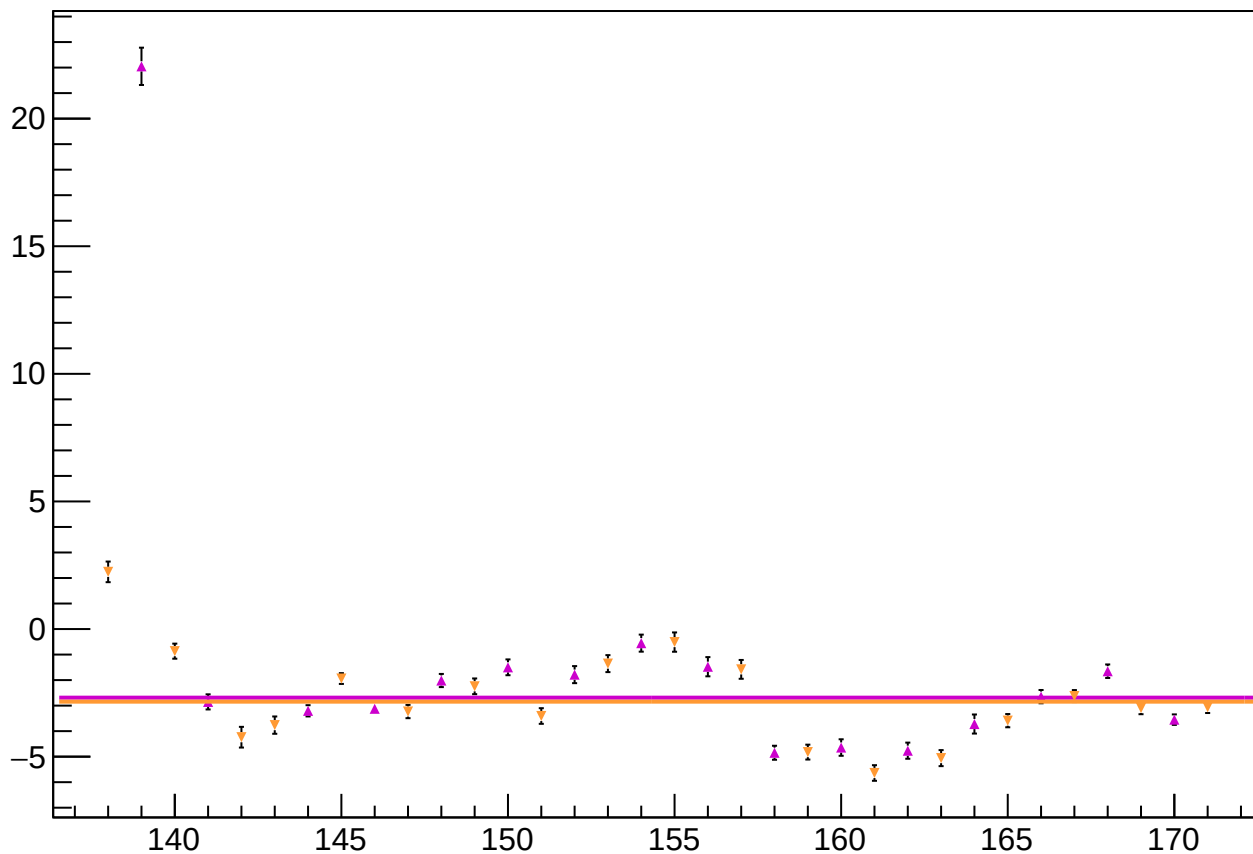
Left In: 2.046+/-0.095 χ^2/NDF :776.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.211+/-0.066 χ^2/NDF : 1341.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

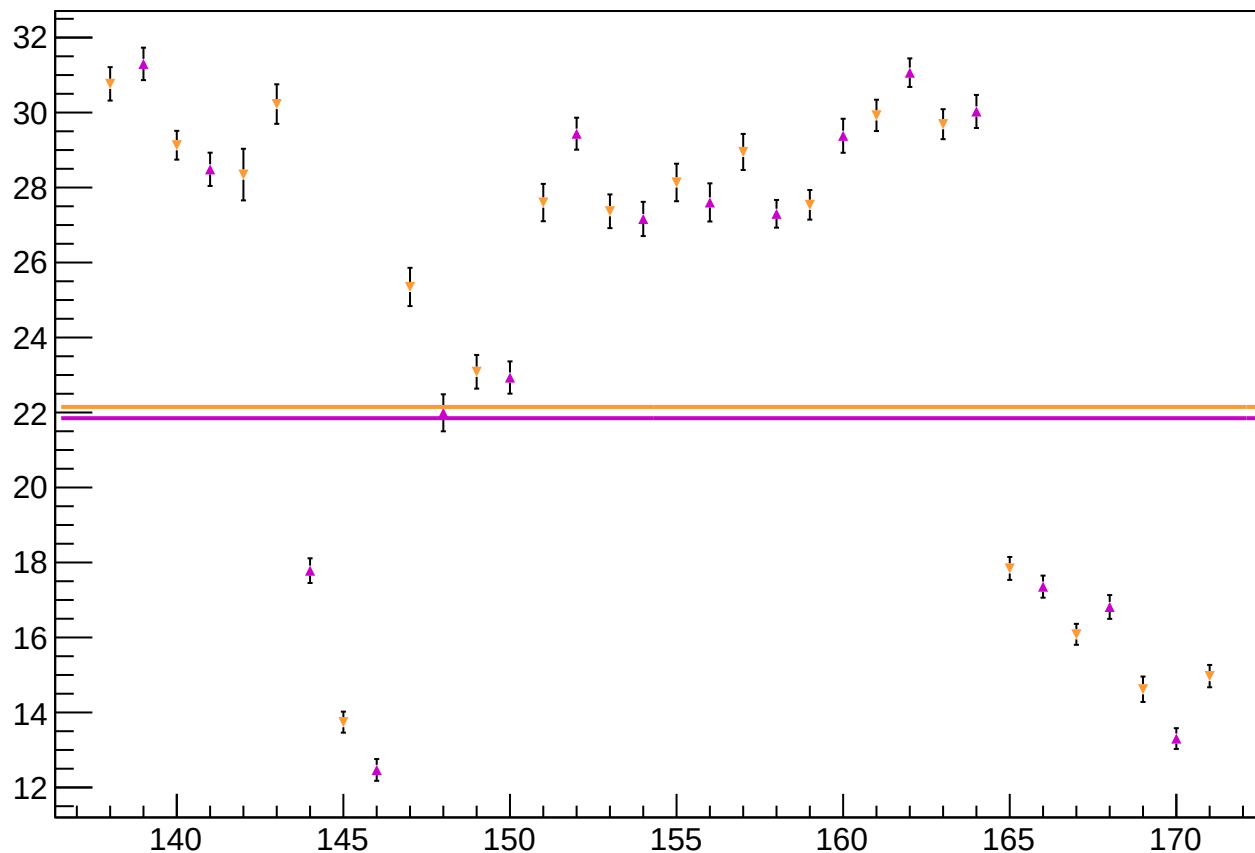
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.845 $\pm$ 0.068 χ^2 /NDF:510.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.689 $\pm$ 0.070 χ^2 /NDF:1418.0/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.769 $\pm$ 0.049 χ^2 /NDF: 1930.9/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 22.149+/-0.092 χ^2/NDF :5190.7/17

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

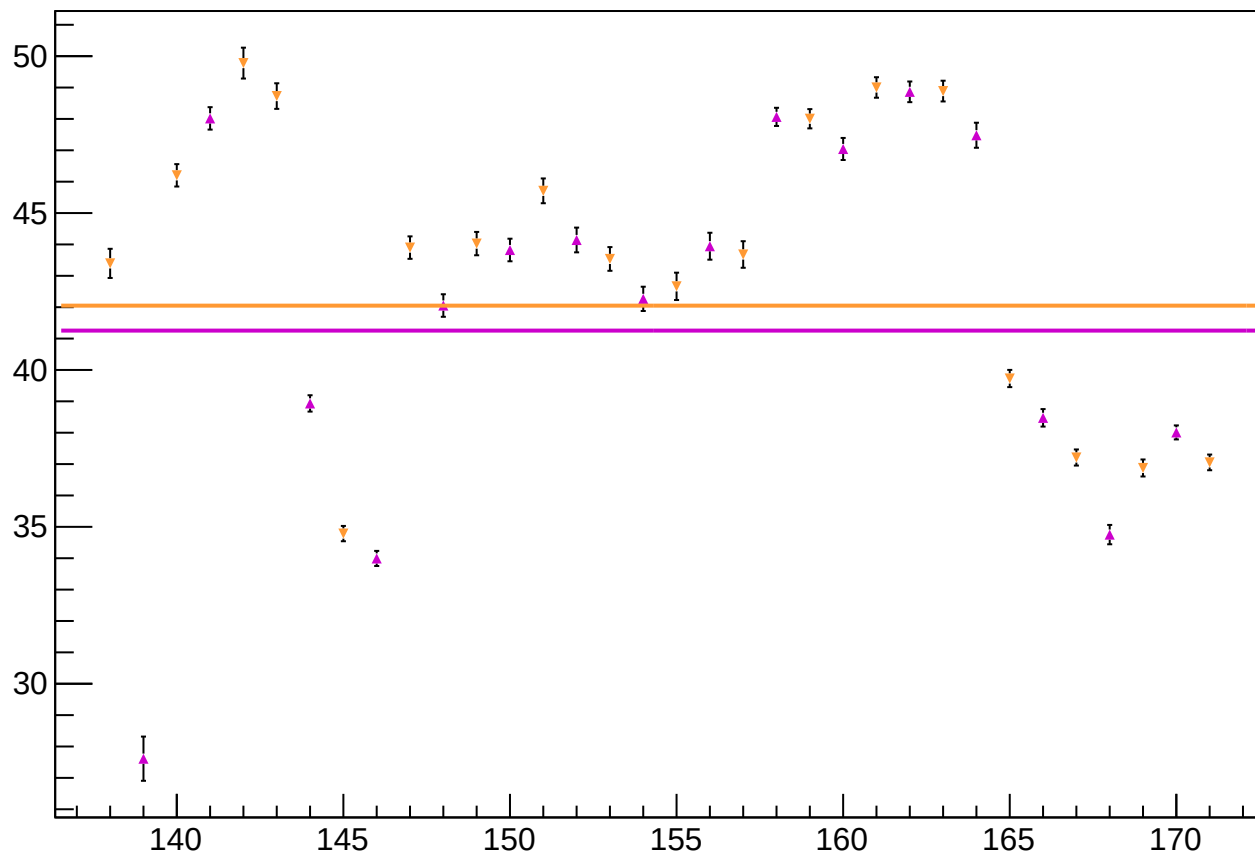
Left In: 21.848+/-0.094 χ^2/NDF :5343.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.001+/-0.066 χ^2/NDF : 10539.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.049+/-0.078 χ^2/NDF : 4167.0/17

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

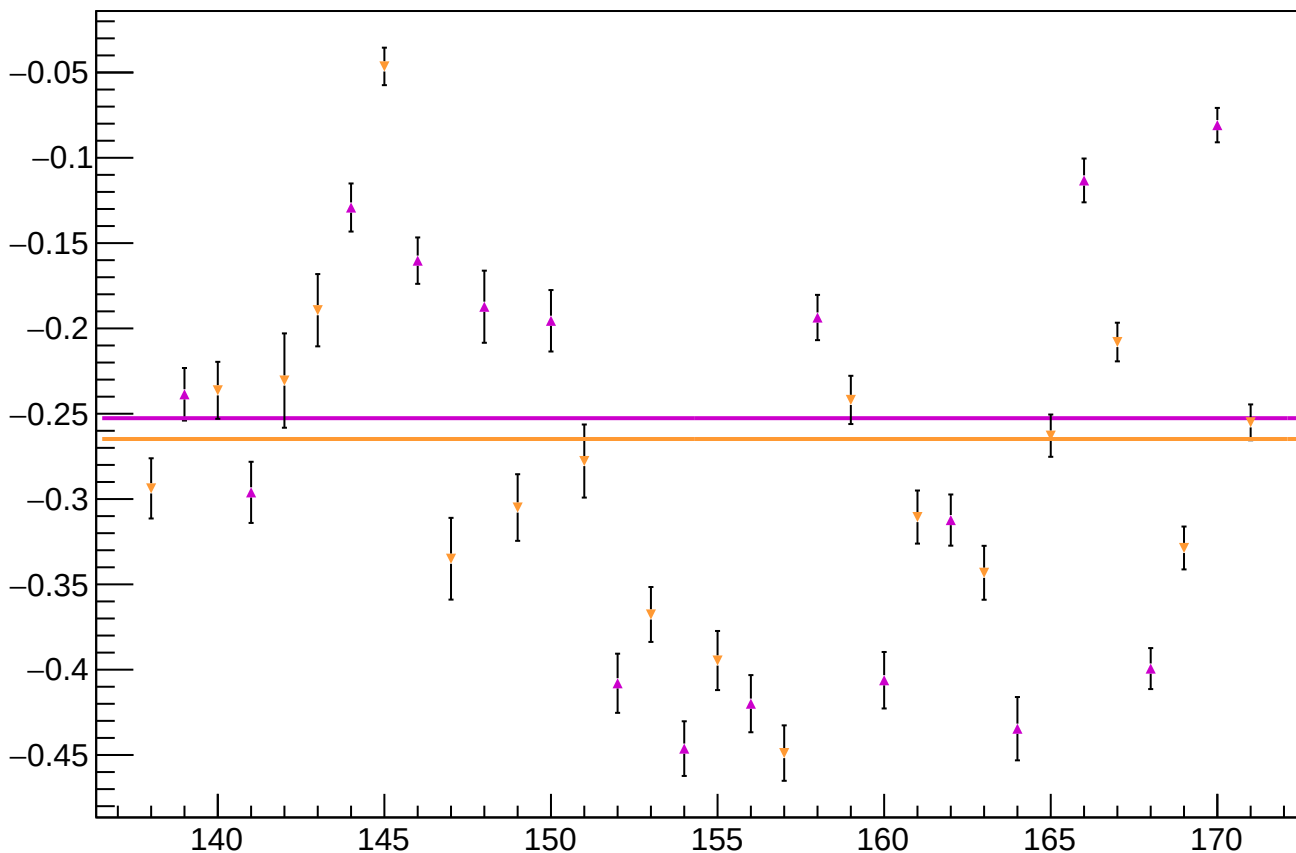
Left In: 41.254+/-0.080 χ^2/NDF : 4235.7/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.666+/-0.056 χ^2/NDF : 8453.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.265+/-0.004 χ^2/NDF : 741.4/17

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

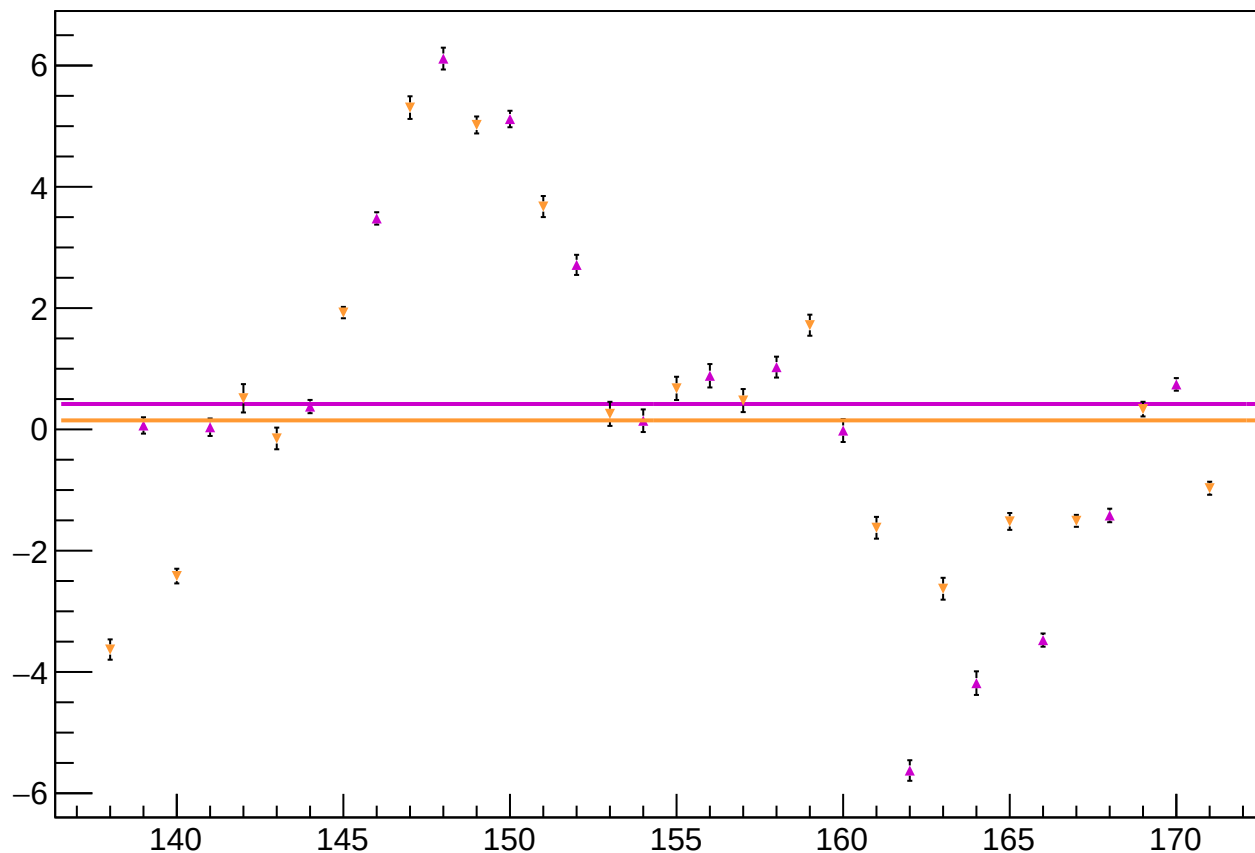
Left In: -0.253+/-0.004 χ^2/NDF : 1250.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.259+/-0.003 χ^2/NDF : 1997.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

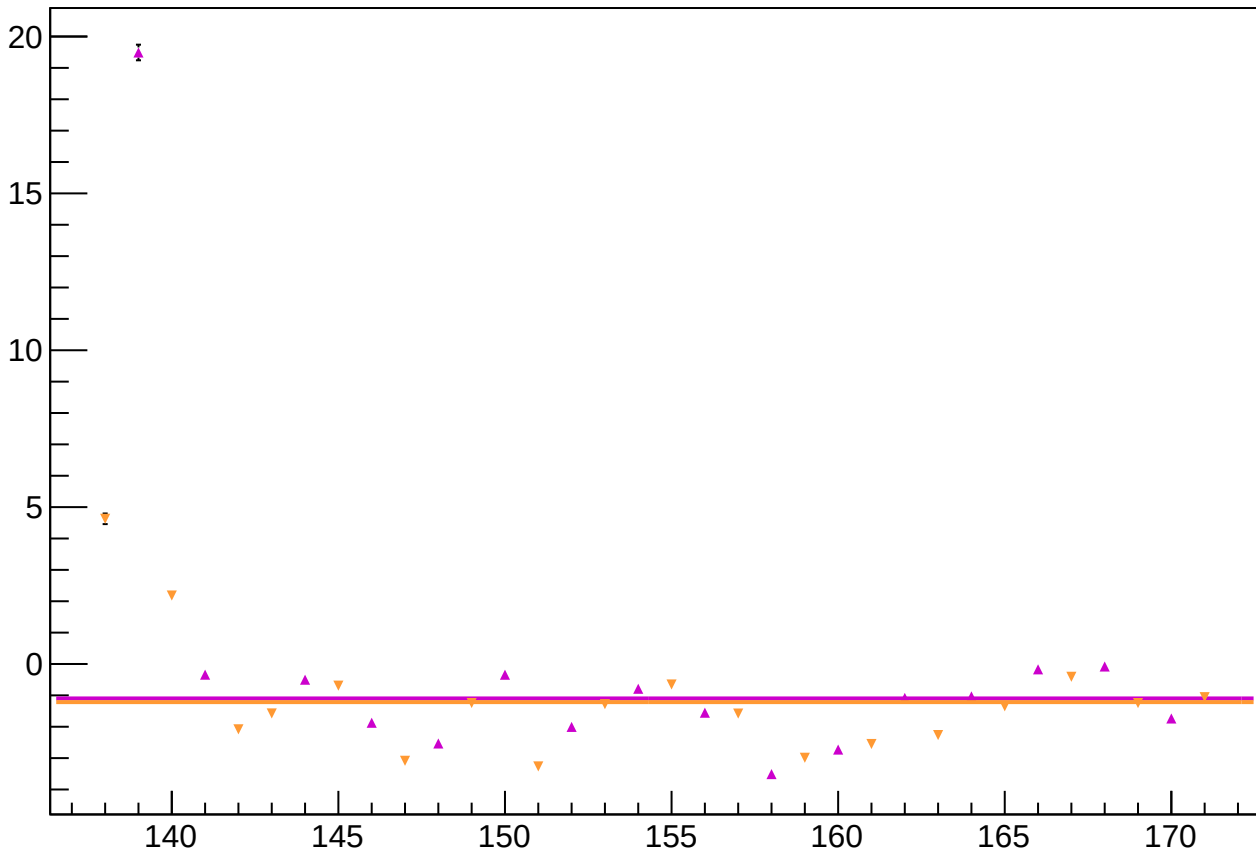
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.148+/-0.034 χ^2/NDF : 4671.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.419+/-0.035 χ^2/NDF : 6709.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.282+/-0.024 χ^2/NDF : 11411.8/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

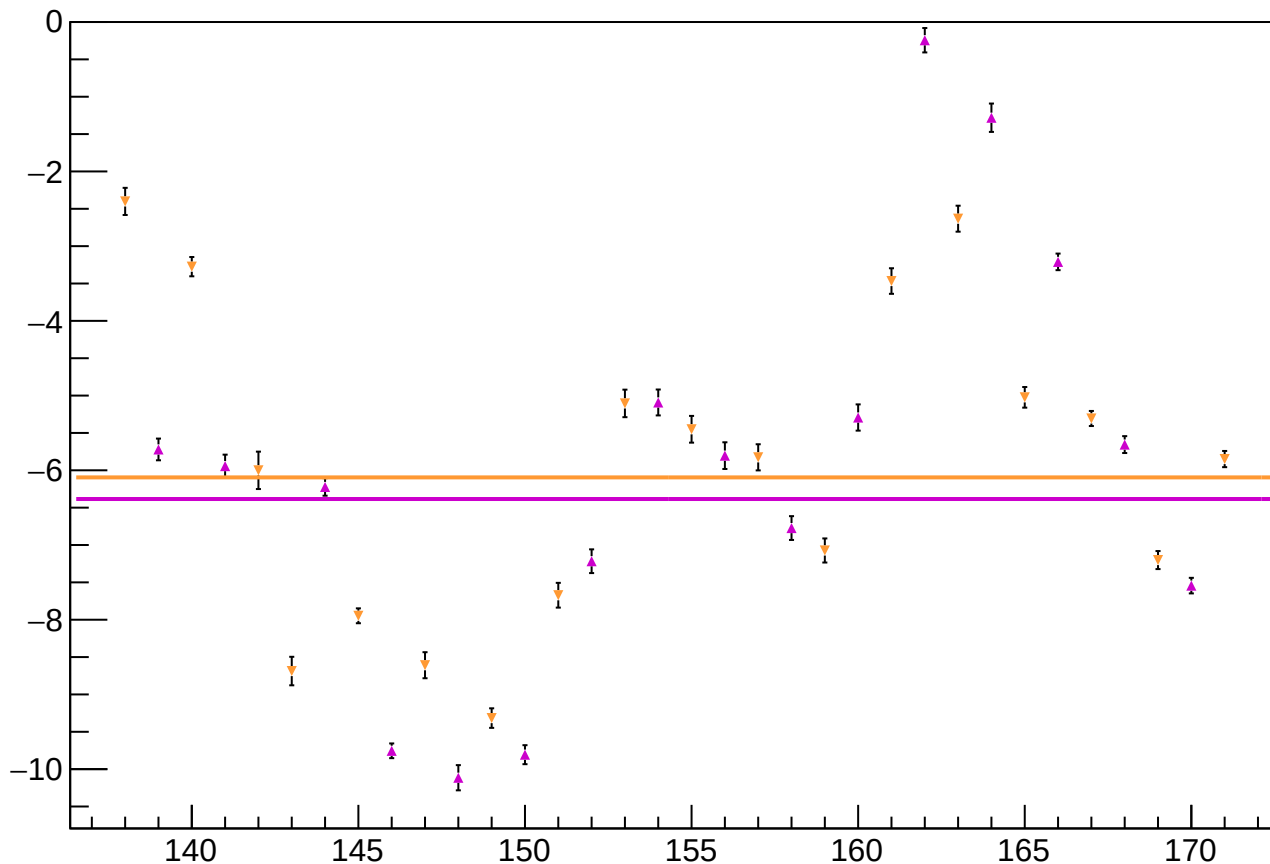
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.215 $\pm$ 0.025 χ^2 /NDF: 3783.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.098 $\pm$ 0.026 χ^2 /NDF: 8327.9/15

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -1.158 $\pm$ 0.018 χ^2 /NDF: 12122.0/33
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -6.095+/-0.034 χ^2/NDF : 3250.2/17

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

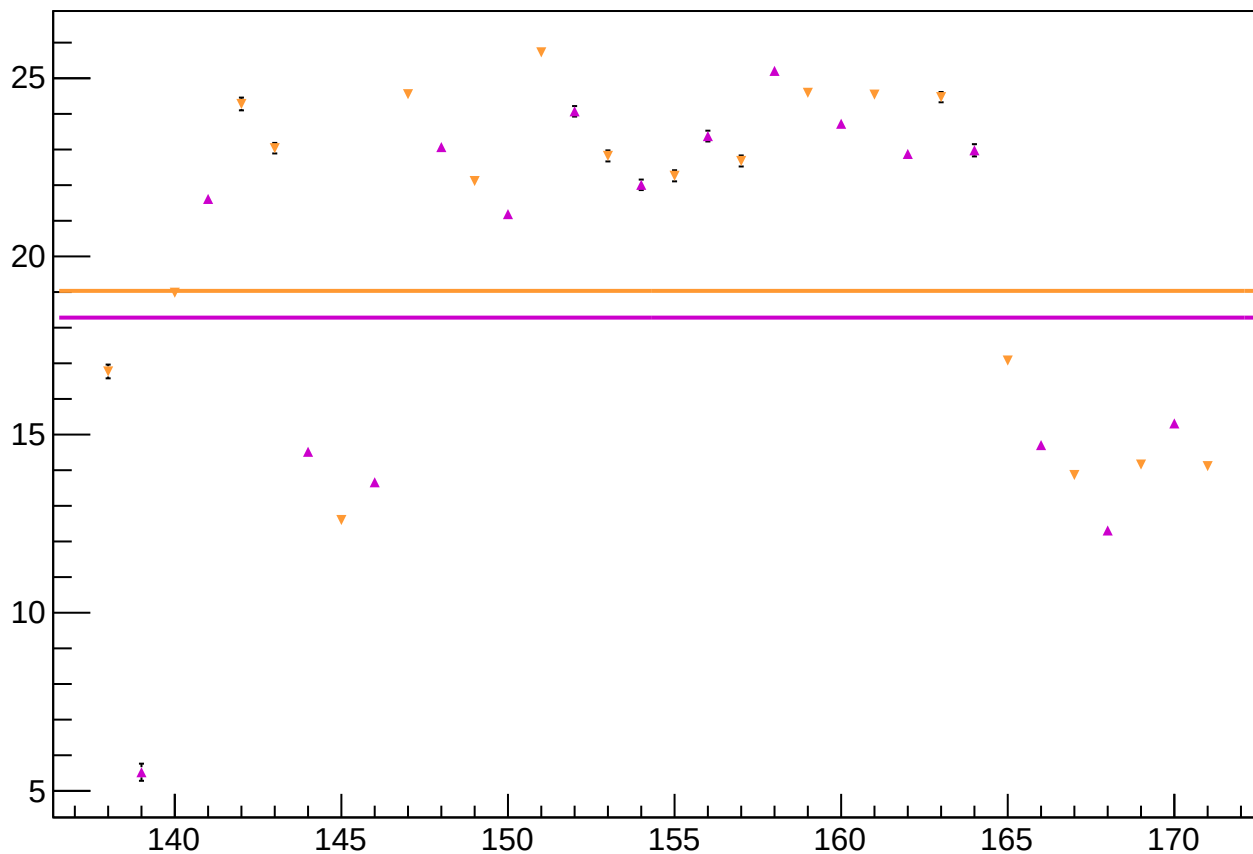
Left In: -6.384+/-0.034 χ^2/NDF : 5674.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.239+/-0.024 χ^2/NDF : 8961.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 19.033 $\pm$ 0.029 χ^2 /NDF:27931.3/17

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

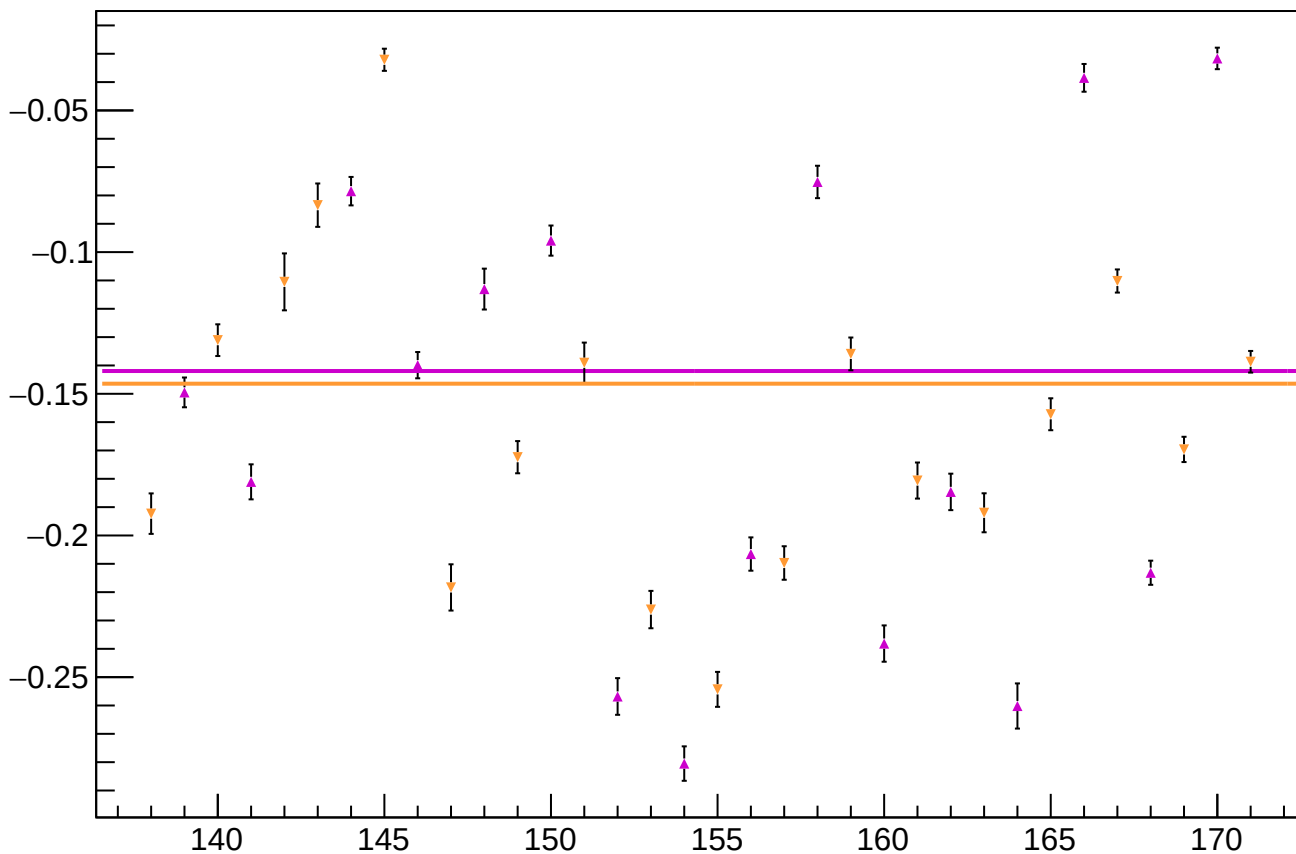
Left In: 18.282 $\pm$ 0.029 χ^2 /NDF:25720.8/15

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

All: 18.667 $\pm$ 0.021 χ^2 /NDF: 53984.3/33

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

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.146+/-0.001 χ^2/NDF : 1840.5/17

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

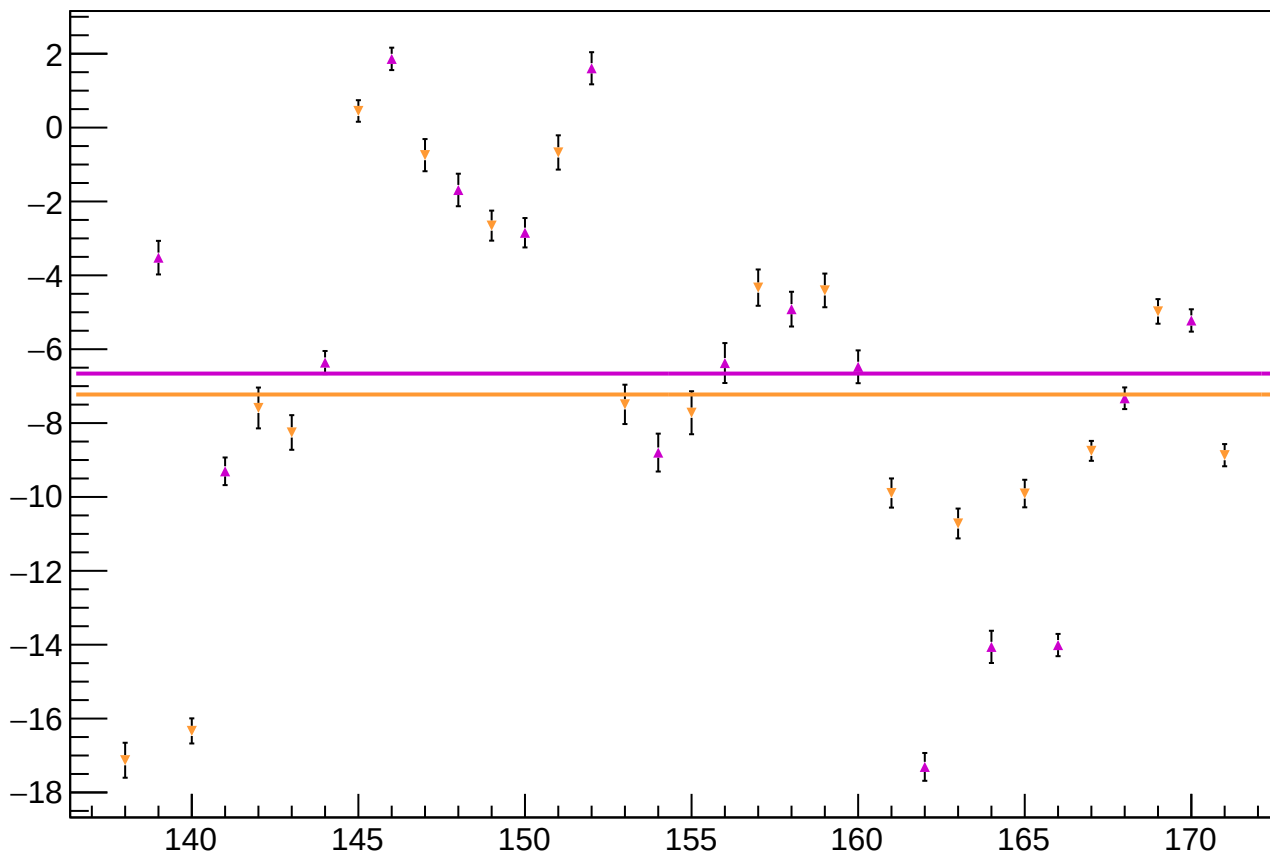
Left In: -0.142+/-0.001 χ^2/NDF : 3444.0/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.144+/-0.001 χ^2/NDF : 5290.0/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

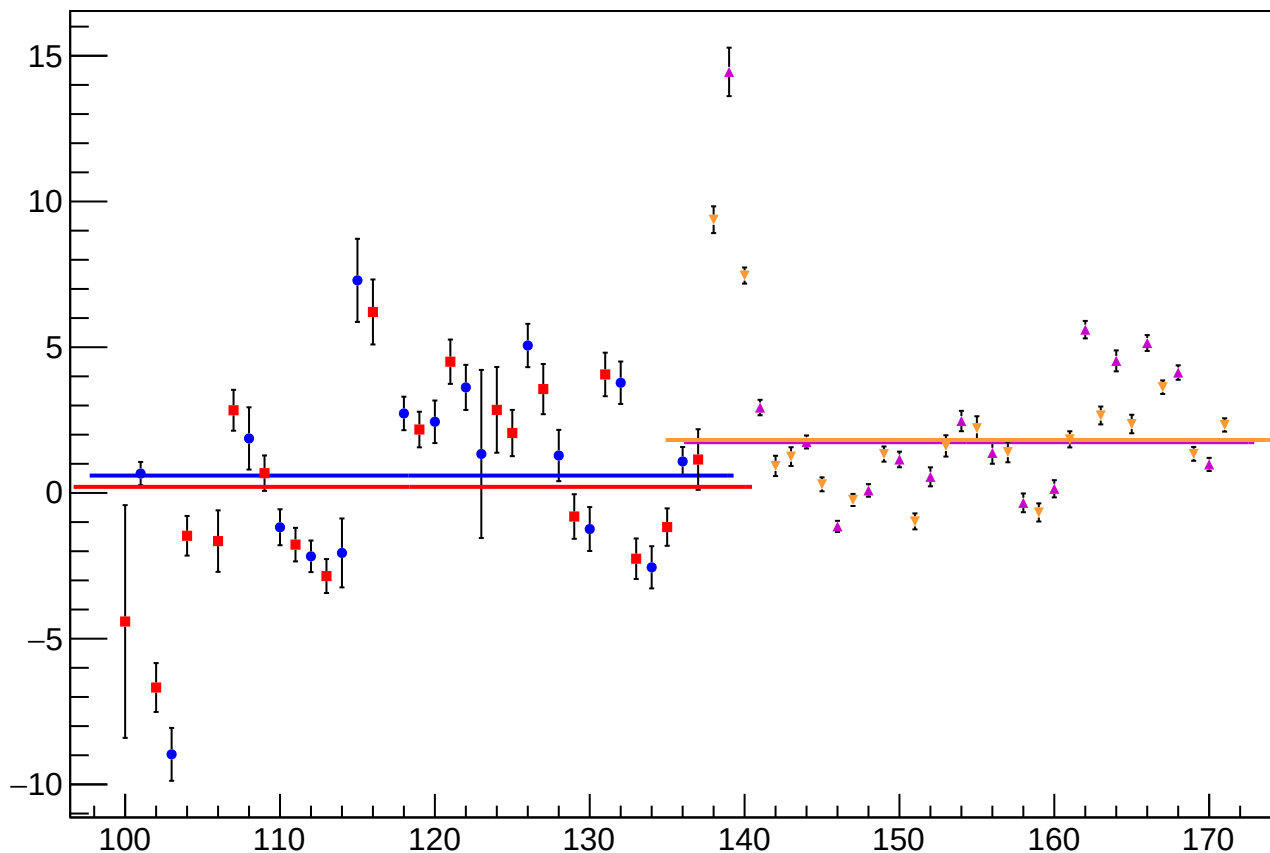
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.226+/-0.092 χ^2/NDF :2751.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.660+/-0.094 χ^2/NDF :3208.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.949+/-0.066 χ^2/NDF : 5978.5/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.816 ± 0.067 χ^2/NDF : 1091.5/17

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

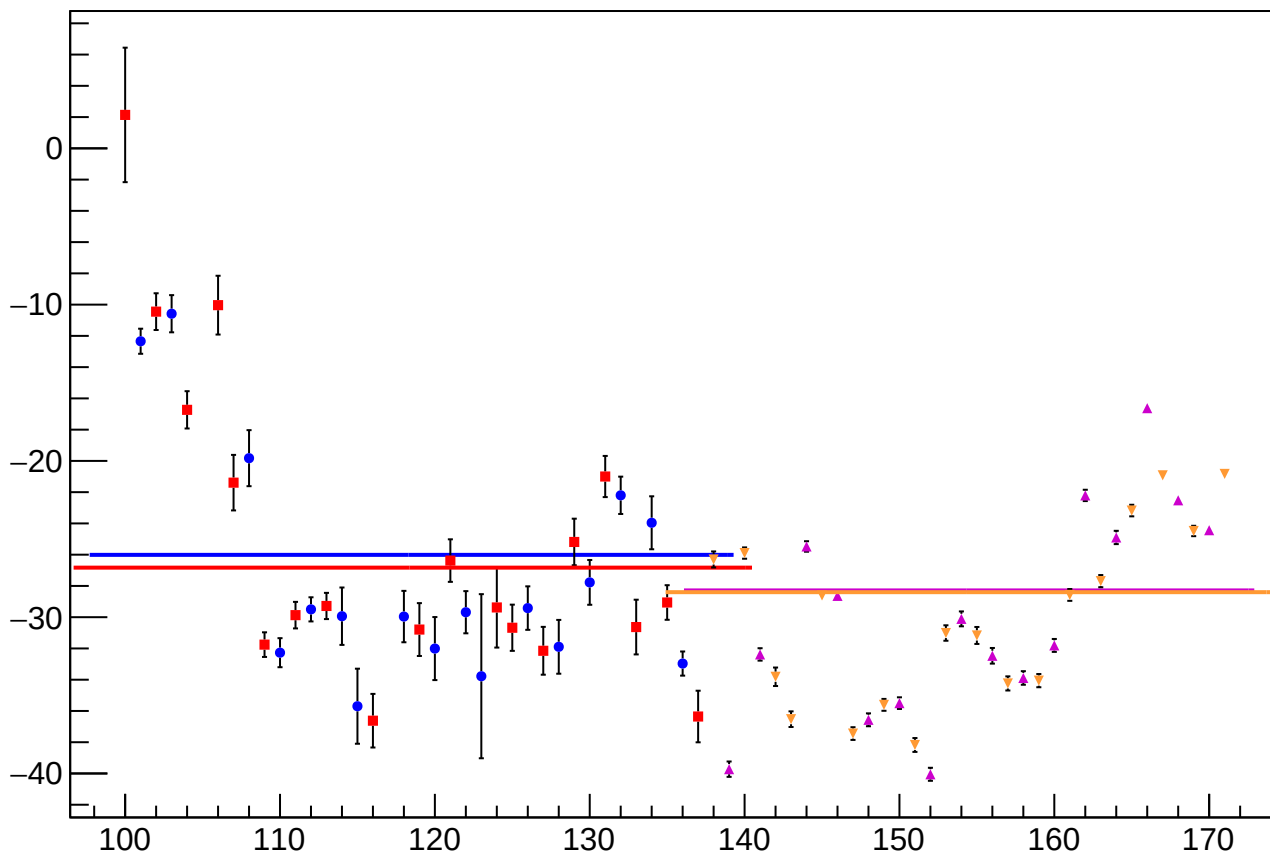
Left In: 1.742 ± 0.069 χ^2/NDF : 1122.1/15

+ sign 1.652 ± 0.062 χ^2/NDF : 1427.8/34

All: 1.596 ± 0.044 χ^2/NDF : 2891.8/69

- sign 1.537 ± 0.064 χ^2/NDF : 1462.4/34

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -28.399 ± 0.092 χ^2/NDF : 3851.4/17

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

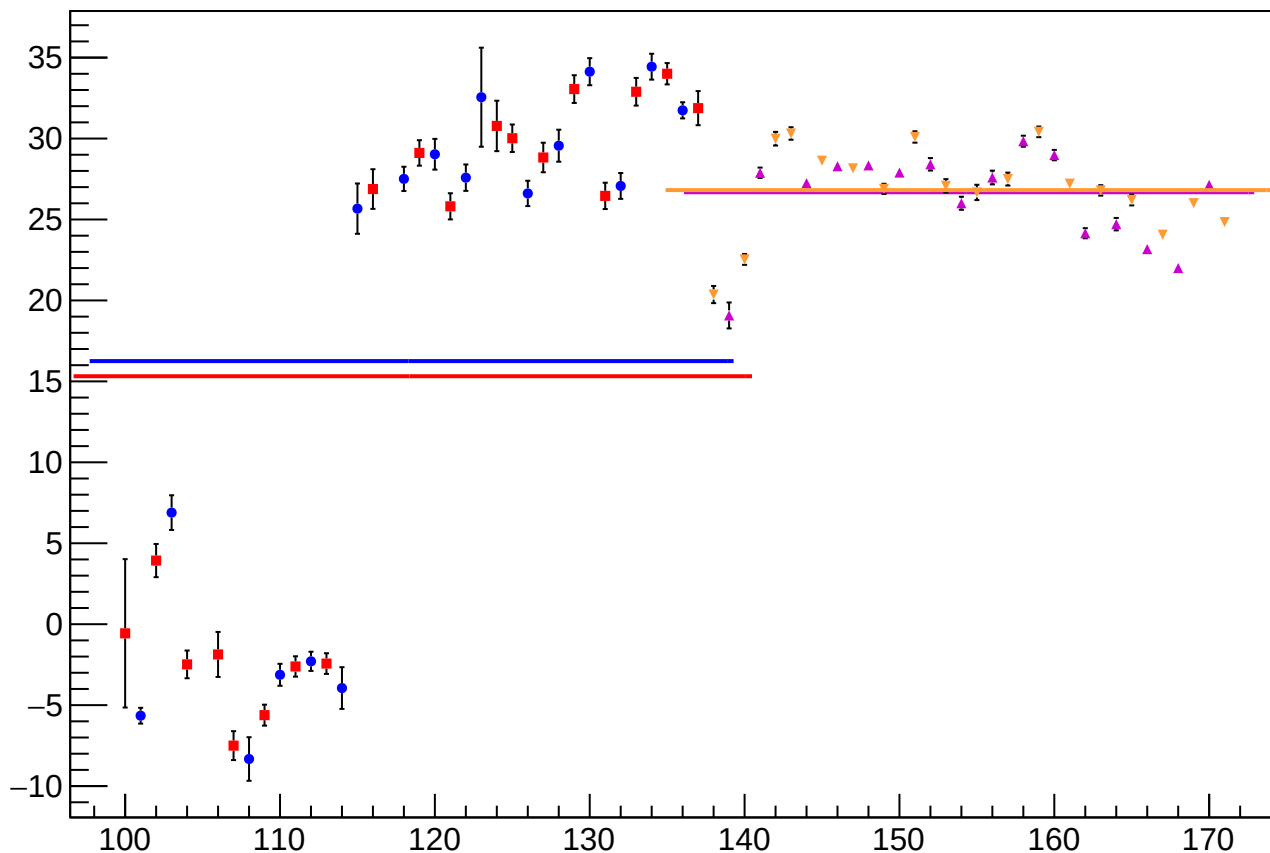
Left In: -28.287 ± 0.093 χ^2/NDF : 4943.6/15

+ sign -28.194 ± 0.088 χ^2/NDF : 4602.4/34

All: -28.176 ± 0.062 χ^2/NDF : 10149.5/69

- sign -28.157 ± 0.089 χ^2/NDF : 5547.1/34

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 26.816 $\pm$ 0.077 χ^2 /NDF: 920.2/17

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

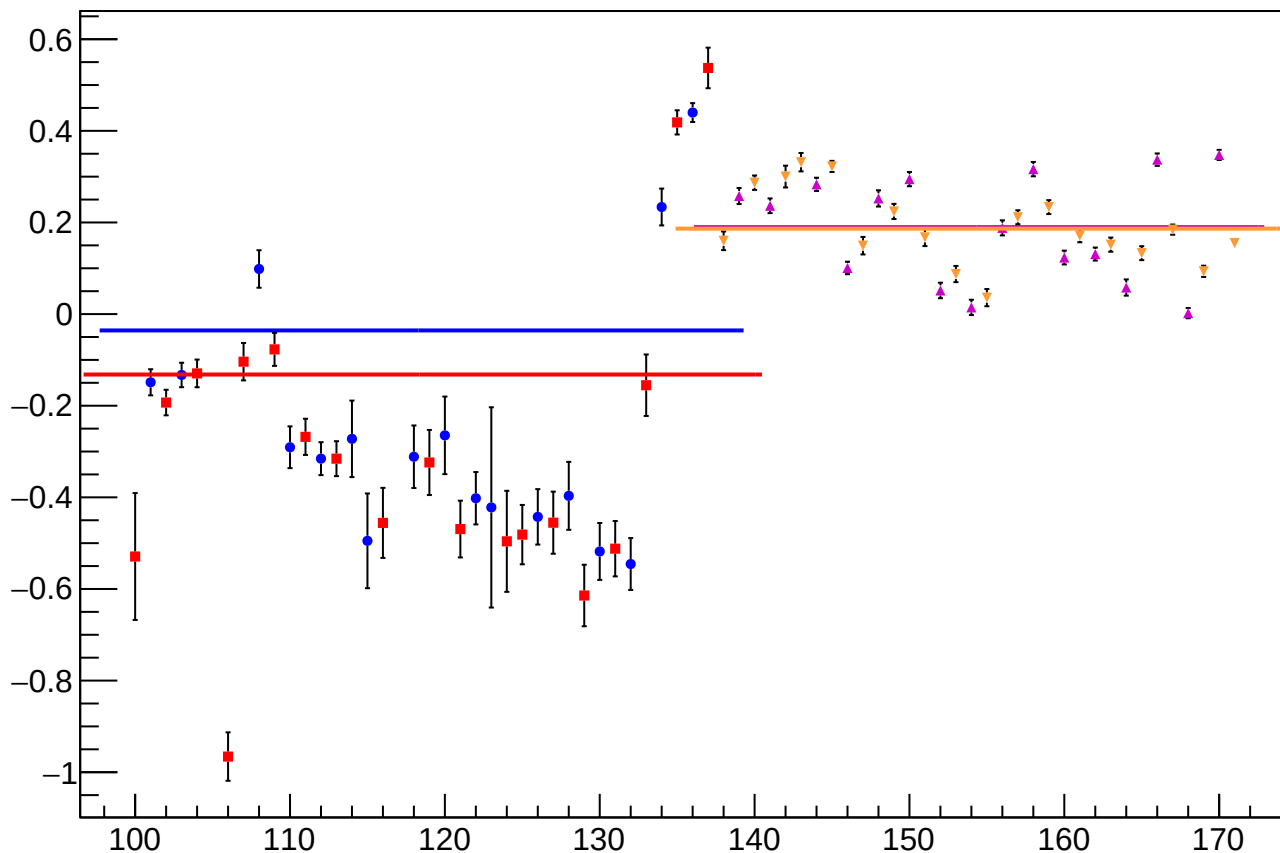
Left In: 26.684 $\pm$ 0.079 χ^2 /NDF: 868.3/15

+ sign 25.344 $\pm$ 0.071 χ^2 /NDF: 11163.0/34

All: 25.224 $\pm$ 0.051 χ^2 /NDF: 22181.4/69

- sign 25.097 $\pm$ 0.074 χ^2 /NDF: 11012.7/34

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.187 ± 0.004 χ^2/NDF : 445.3/17

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

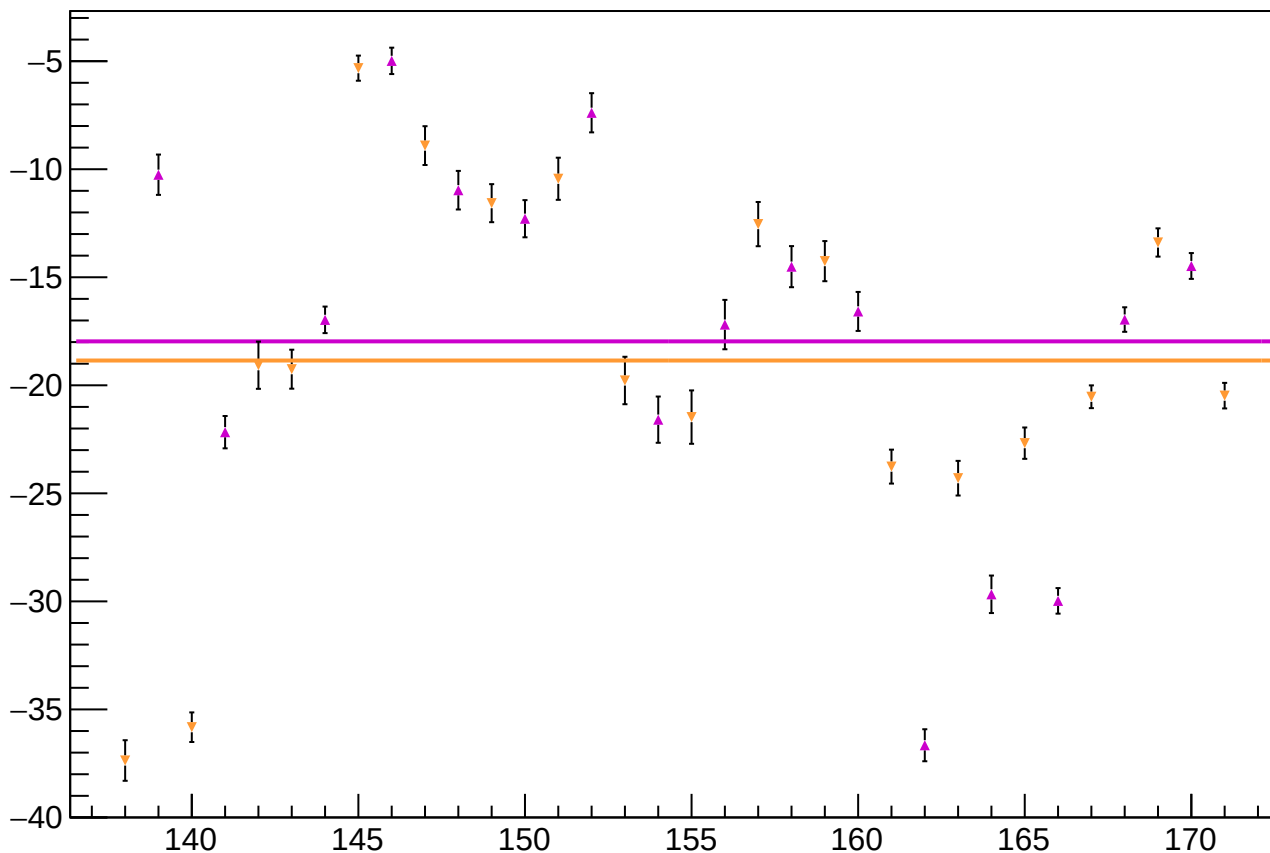
Left In: 0.190 ± 0.004 χ^2/NDF : 1101.6/15

+ sign 0.163 ± 0.003 χ^2/NDF : 1874.5/34

All: 0.158 ± 0.002 χ^2/NDF : 5007.3/69

- sign 0.154 ± 0.003 χ^2/NDF : 3129.2/34

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.853+/-0.185 χ^2/NDF : 2077.9/17

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

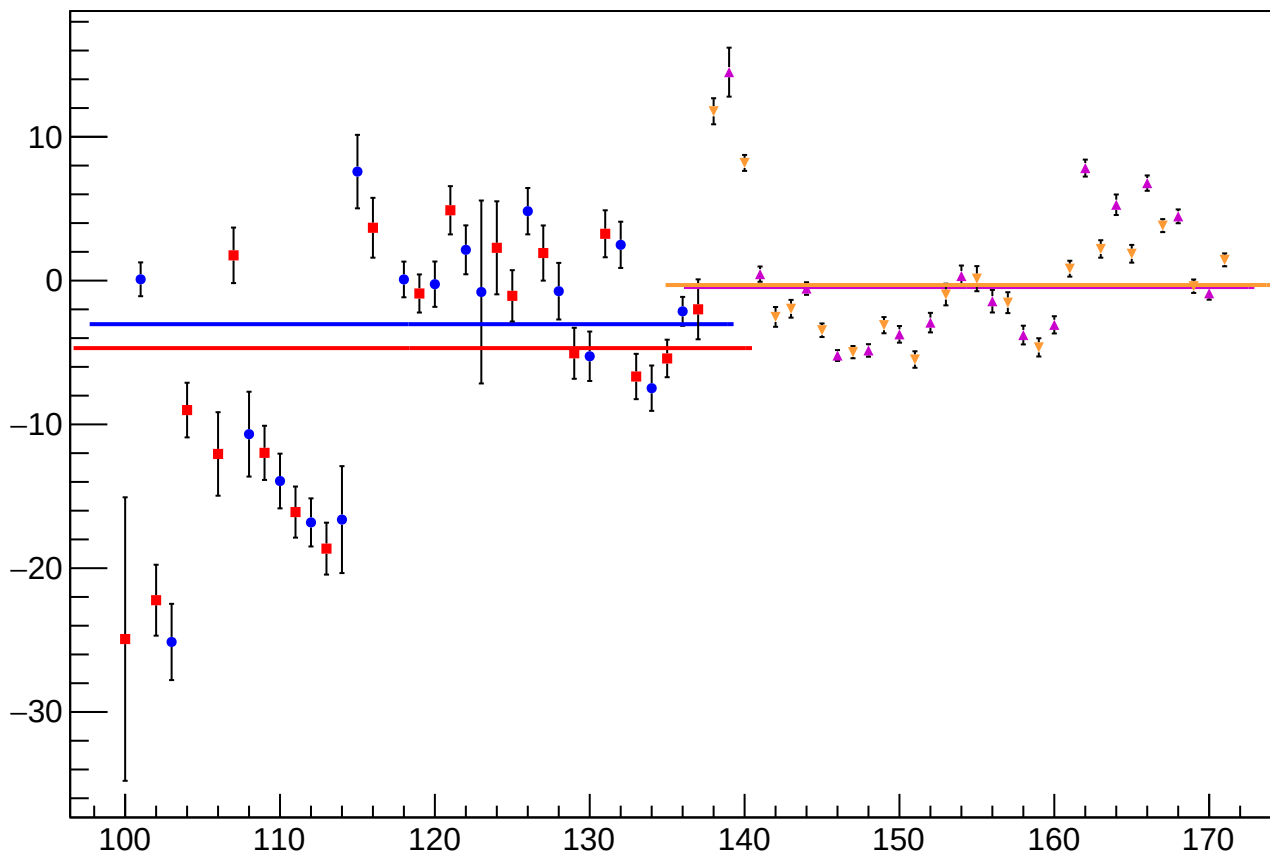
Left In: -17.967+/-0.189 χ^2/NDF : 2091.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.421+/-0.132 χ^2/NDF : 4180.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: -0.308 ± 0.134 χ^2/NDF : 882.8/17

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

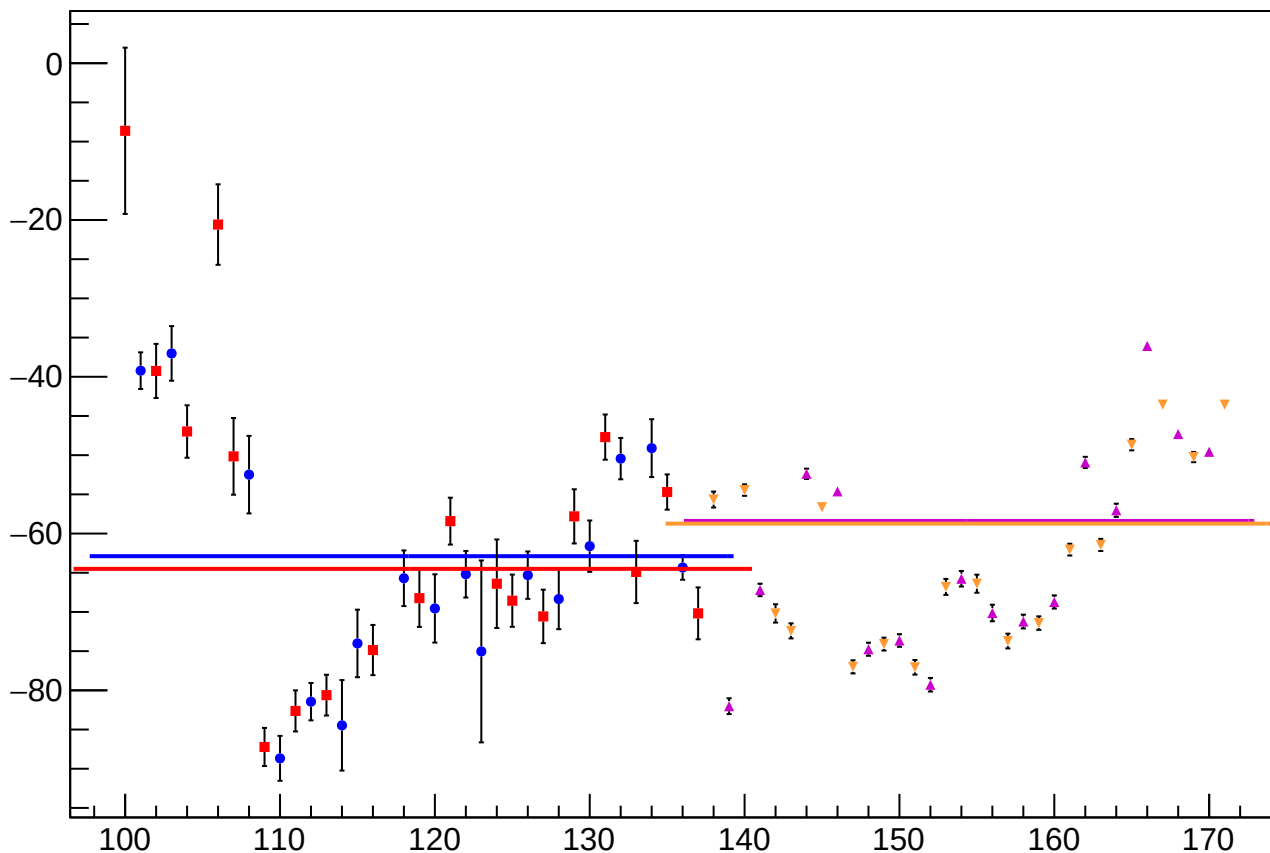
Left In: -0.448 ± 0.137 χ^2/NDF : 985.0/15

+ sign -0.573 ± 0.127 χ^2/NDF : 1203.9/34

All: -0.706 ± 0.091 χ^2/NDF : 2579.2/69

- sign -0.847 ± 0.131 χ^2/NDF : 1373.0/34

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -58.733 ± 0.184 $\chi^2/\text{NDF}: 3976.6/17$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

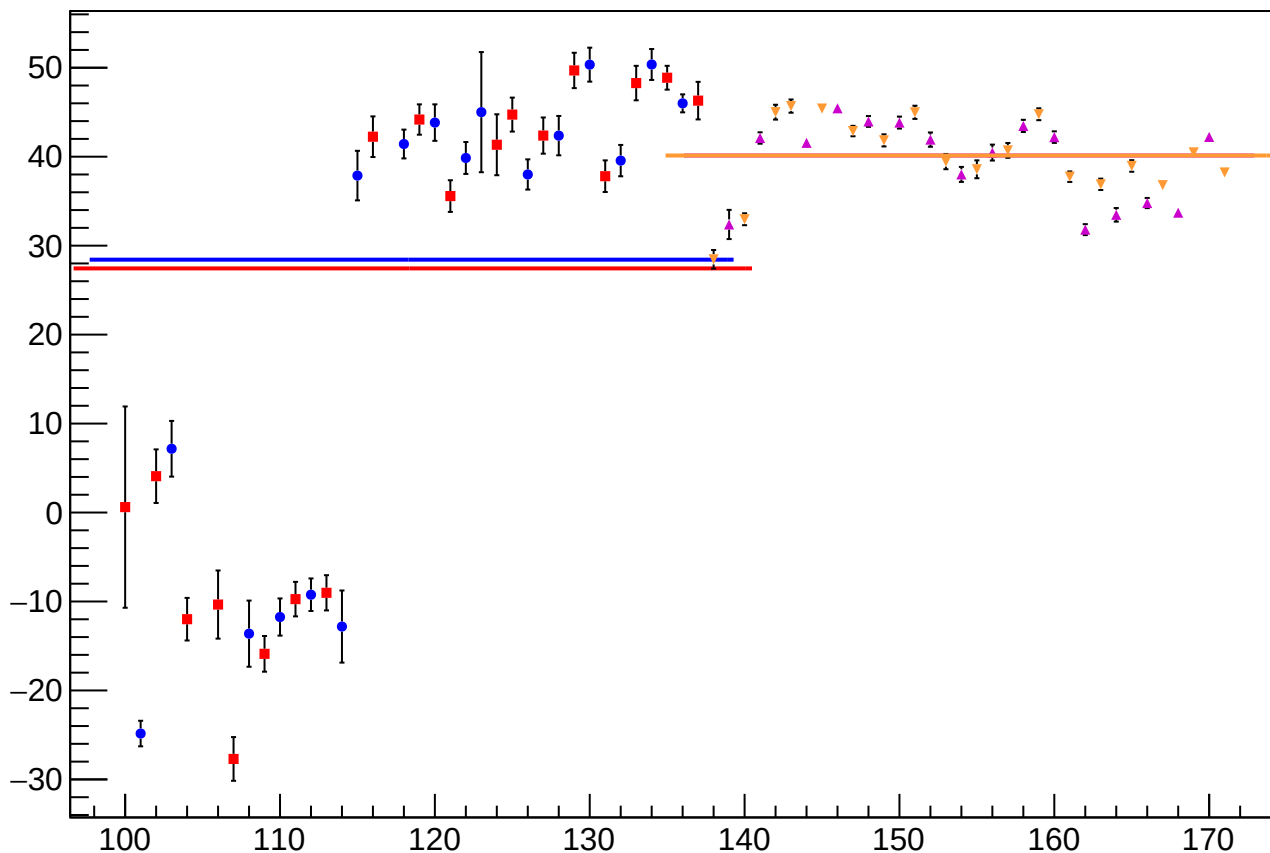
Left In: -58.389 ± 0.187 $\chi^2/\text{NDF}: 4734.9/15$

+ sign -58.976 ± 0.179 $\chi^2/\text{NDF}: 4375.1/34$

All: -58.863 ± 0.127 $\chi^2/\text{NDF}: 9617.3/69$

- sign -58.746 ± 0.181 $\chi^2/\text{NDF}: 5241.3/34$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 40.133 $\pm$ 0.154 χ^2 /NDF:650.0/17

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

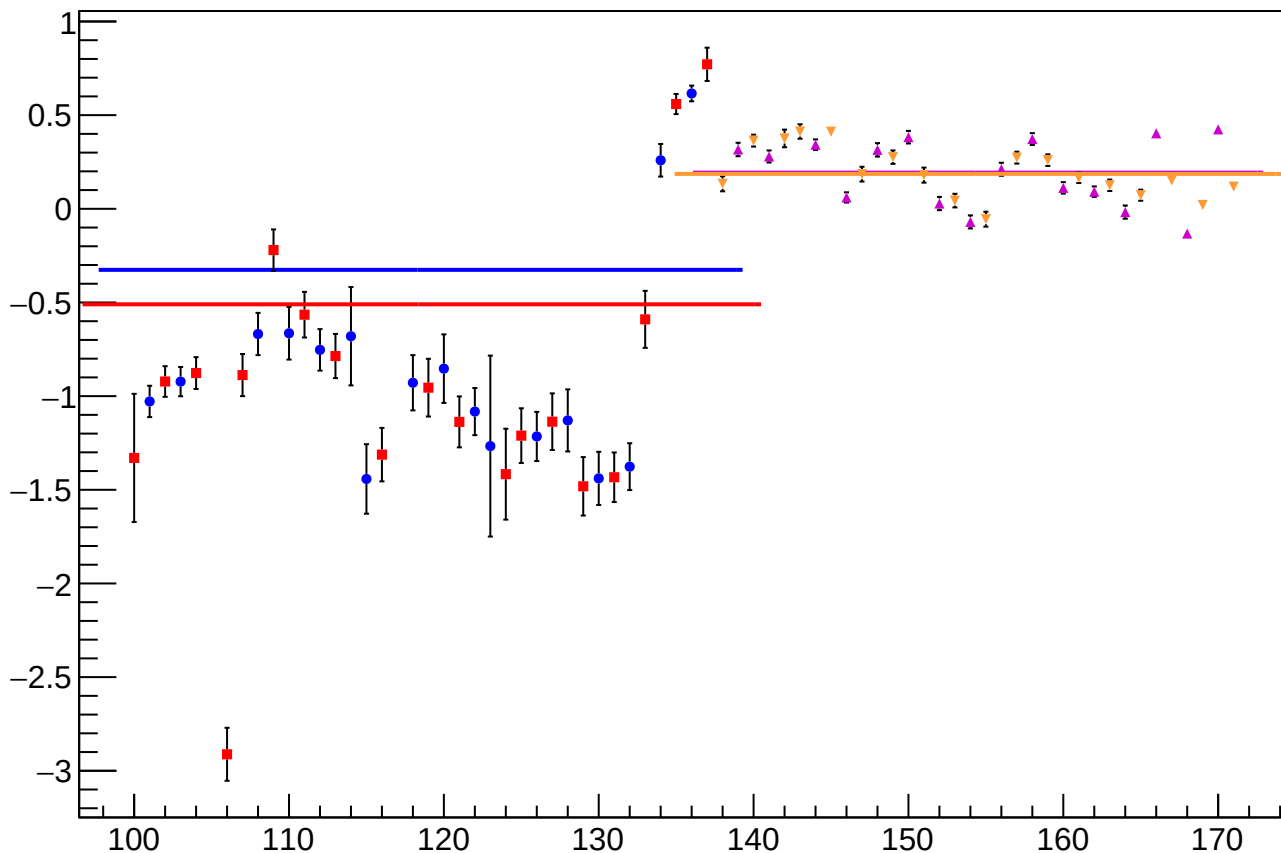
Left In: 40.131 $\pm$ 0.159 χ^2 /NDF:776.4/15

+ sign 38.937 $\pm$ 0.146 χ^2 /NDF: 4569.4/34

All: 38.903 $\pm$ 0.105 χ^2 /NDF: 9011.8/69

- sign 38.867 $\pm$ 0.151 χ^2 /NDF: 4442.3/34

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.186 ± 0.007 χ^2/NDF : 321.0/17

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

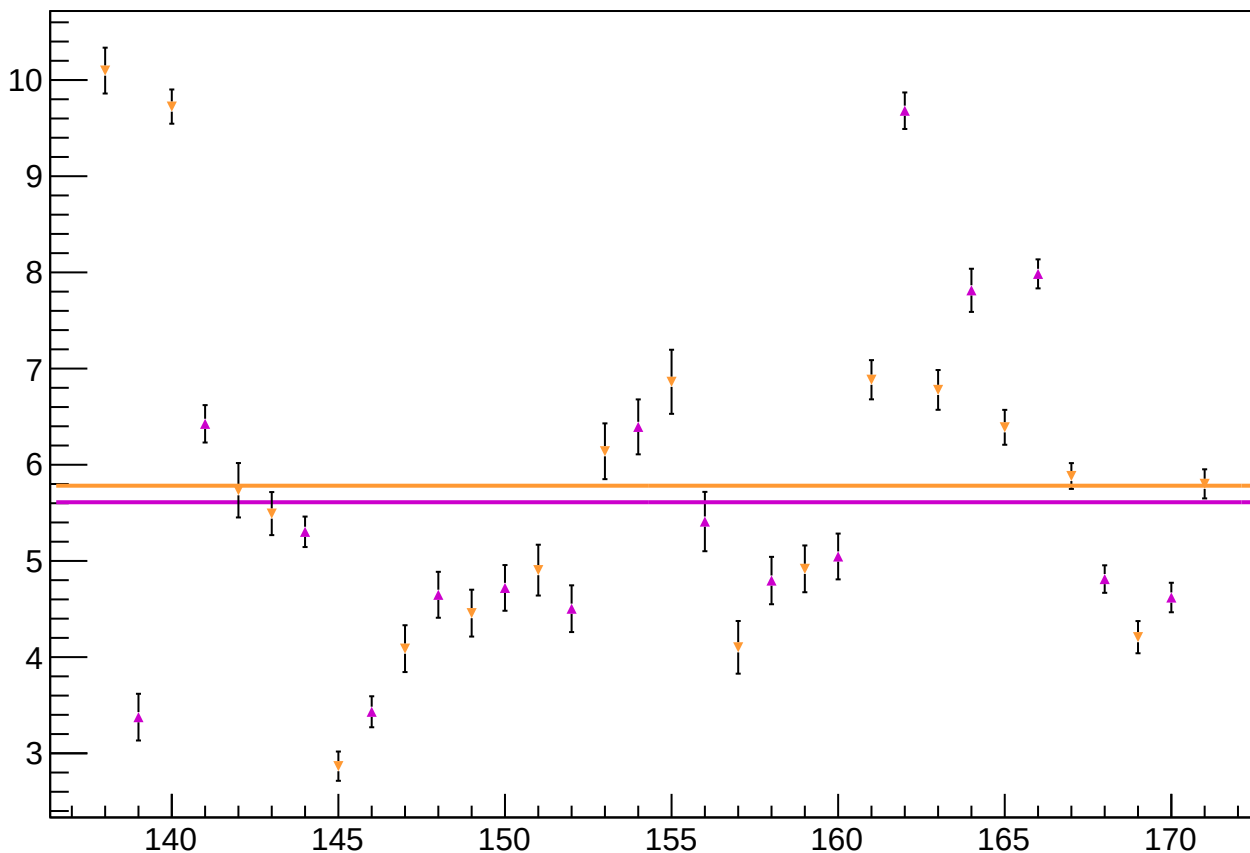
Left In: 0.193 ± 0.007 χ^2/NDF : 677.7/15

+ sign 0.147 ± 0.007 χ^2/NDF : 1724.8/34

All: 0.143 ± 0.005 χ^2/NDF : 4263.6/69

- sign 0.139 ± 0.007 χ^2/NDF : 2538.2/34

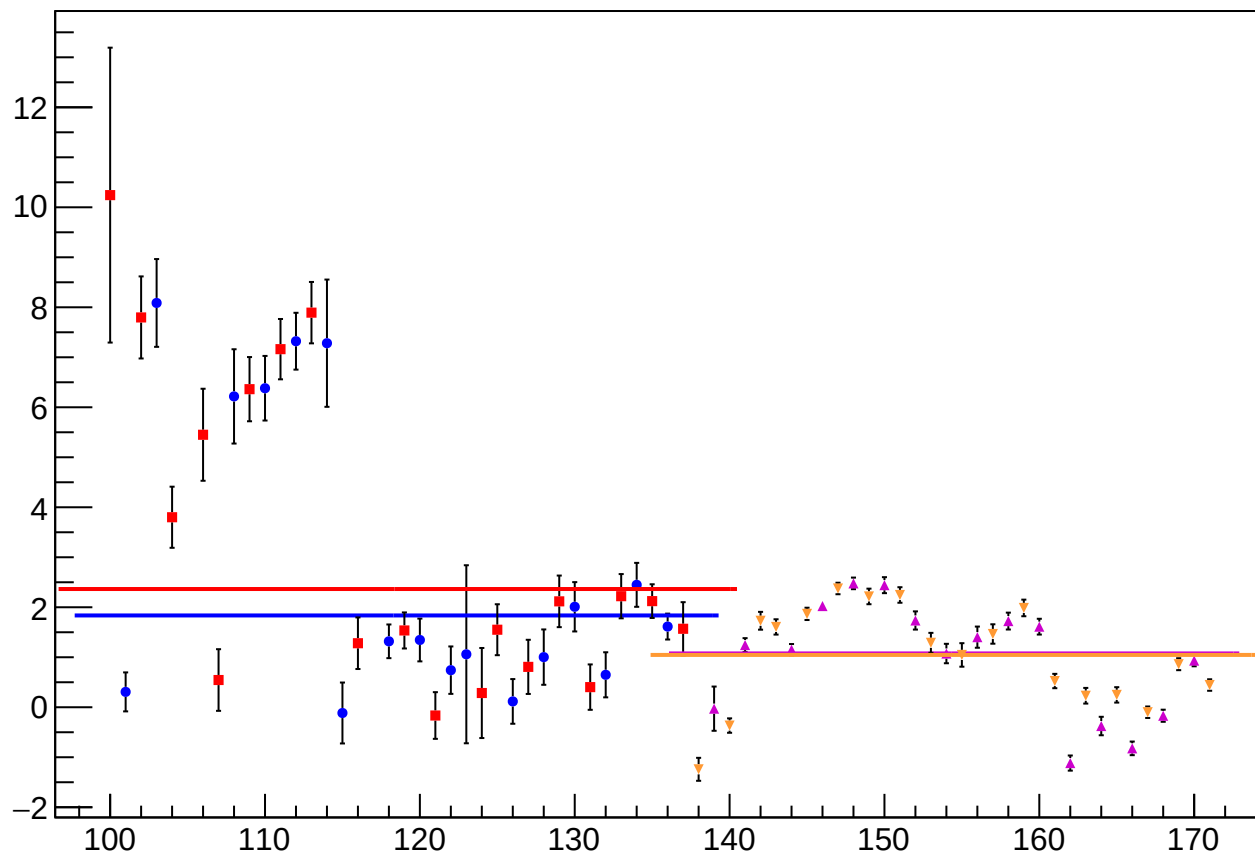
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.782+/-0.048 χ^2/NDF :1491.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.610+/-0.049 χ^2/NDF :1240.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.699+/-0.034 χ^2/NDF : 2738.4/33
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.047 ± 0.035 χ^2/NDF : 751.6/17

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

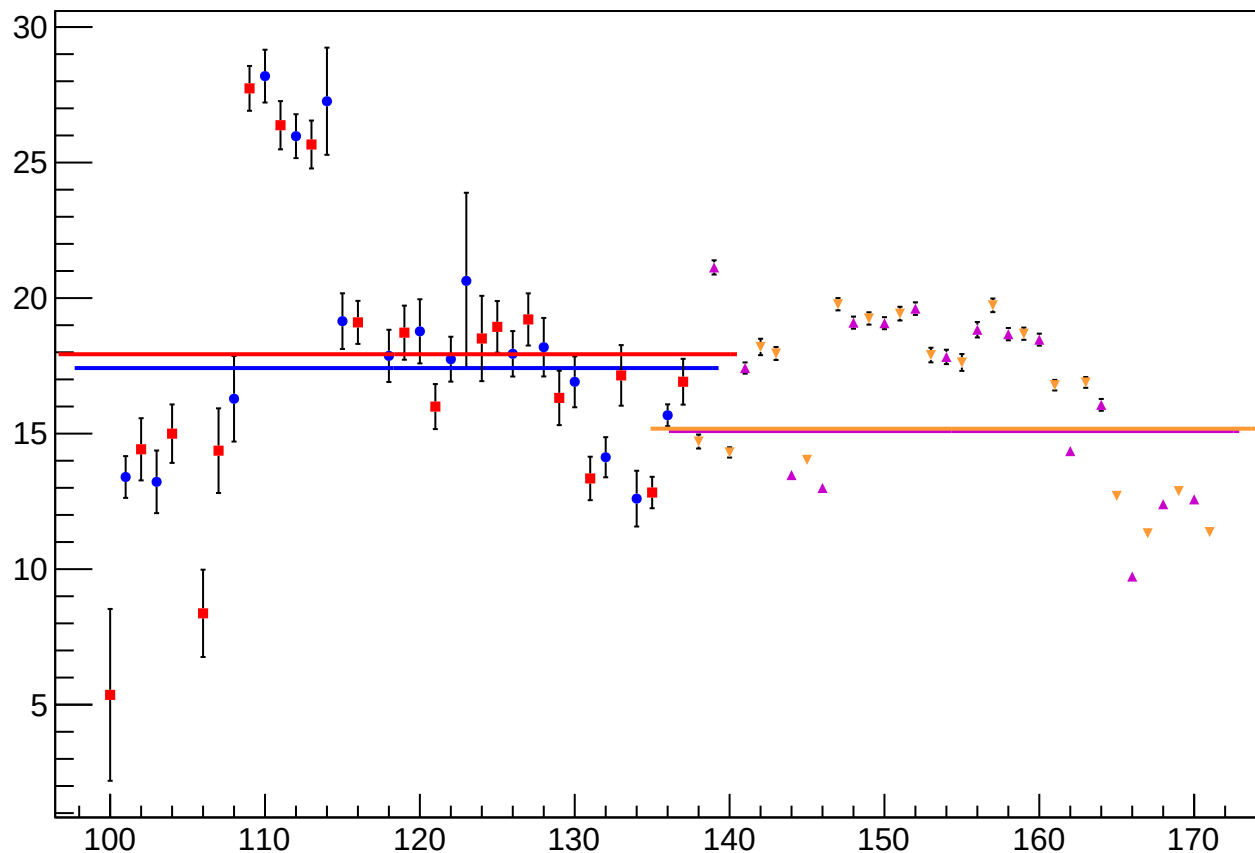
Left In: 1.077 ± 0.036 χ^2/NDF : 935.6/15

+ sign 1.112 ± 0.033 χ^2/NDF : 1088.9/34

All: 1.144 ± 0.024 χ^2/NDF : 2464.5/69

- sign 1.178 ± 0.034 χ^2/NDF : 1373.7/34

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 15.182 ± 0.048 χ^2/NDF : 3986.4/17

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

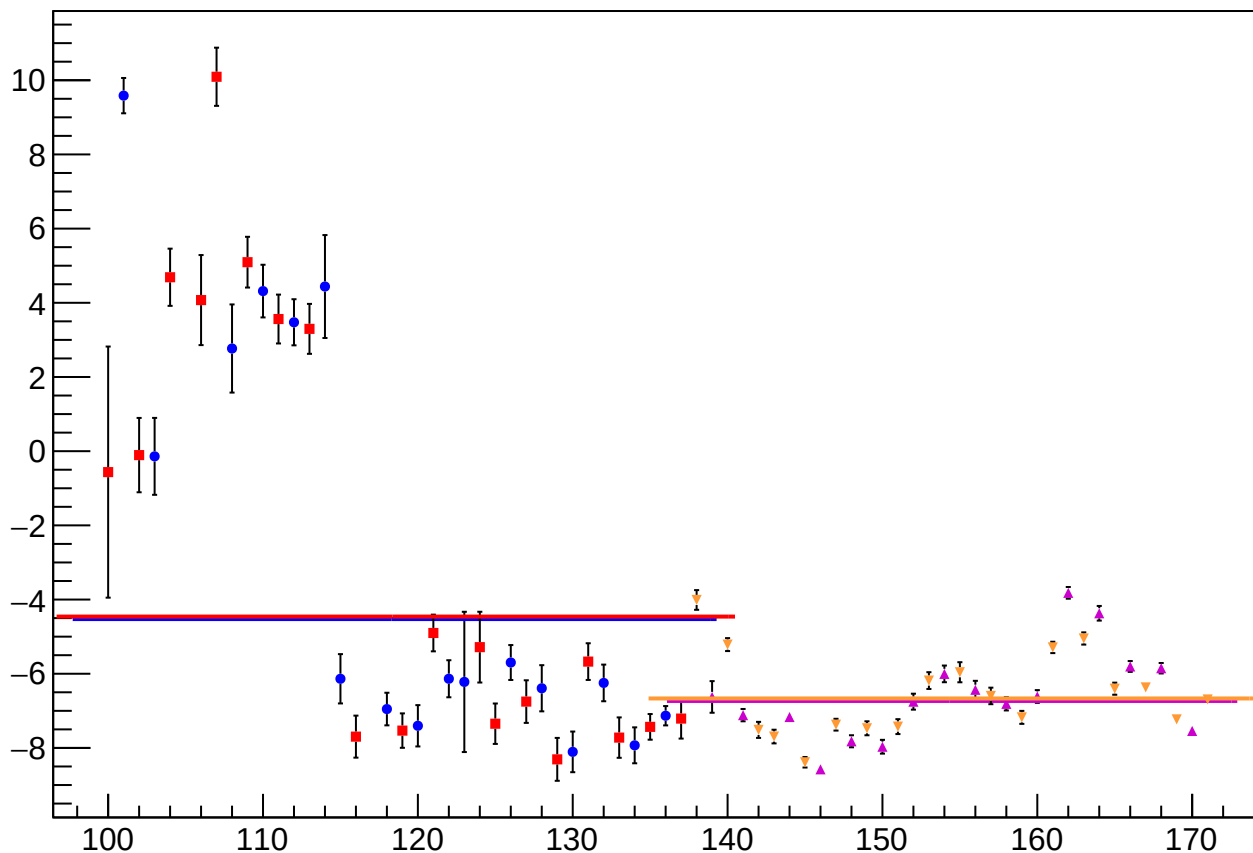
Left In: 15.094 ± 0.049 χ^2/NDF : 4577.7/15

+ sign 15.291 ± 0.047 χ^2/NDF : 4459.3/34

All: 15.260 ± 0.033 χ^2/NDF : 9704.1/69

- sign 15.227 ± 0.047 χ^2/NDF : 5243.9/34

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.666 ± 0.040 χ^2/NDF : 637.3/17

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

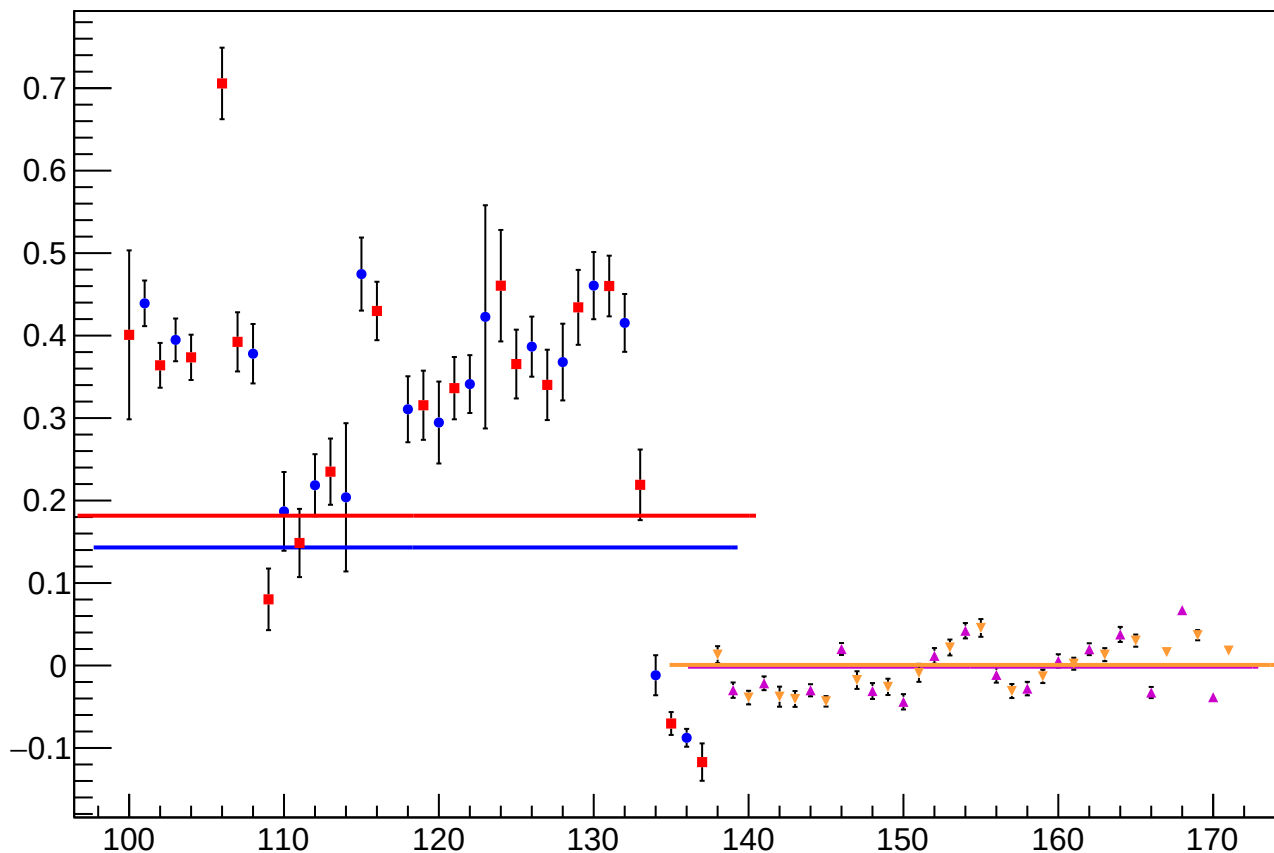
Left In: -6.733 ± 0.041 χ^2/NDF : 945.1/15

+ sign -6.479 ± 0.038 χ^2/NDF : 2476.7/34

All: -6.510 ± 0.028 χ^2/NDF : 5014.6/69

- sign -6.542 ± 0.040 χ^2/NDF : 2536.6/34

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2/NDF : 1060.4/16

Left Out: 0.001 $\pm$ 0.002 χ^2/NDF :222.0/17

Right Out: 0.182 $\pm$ 0.007 χ^2/NDF : 1007.8/18

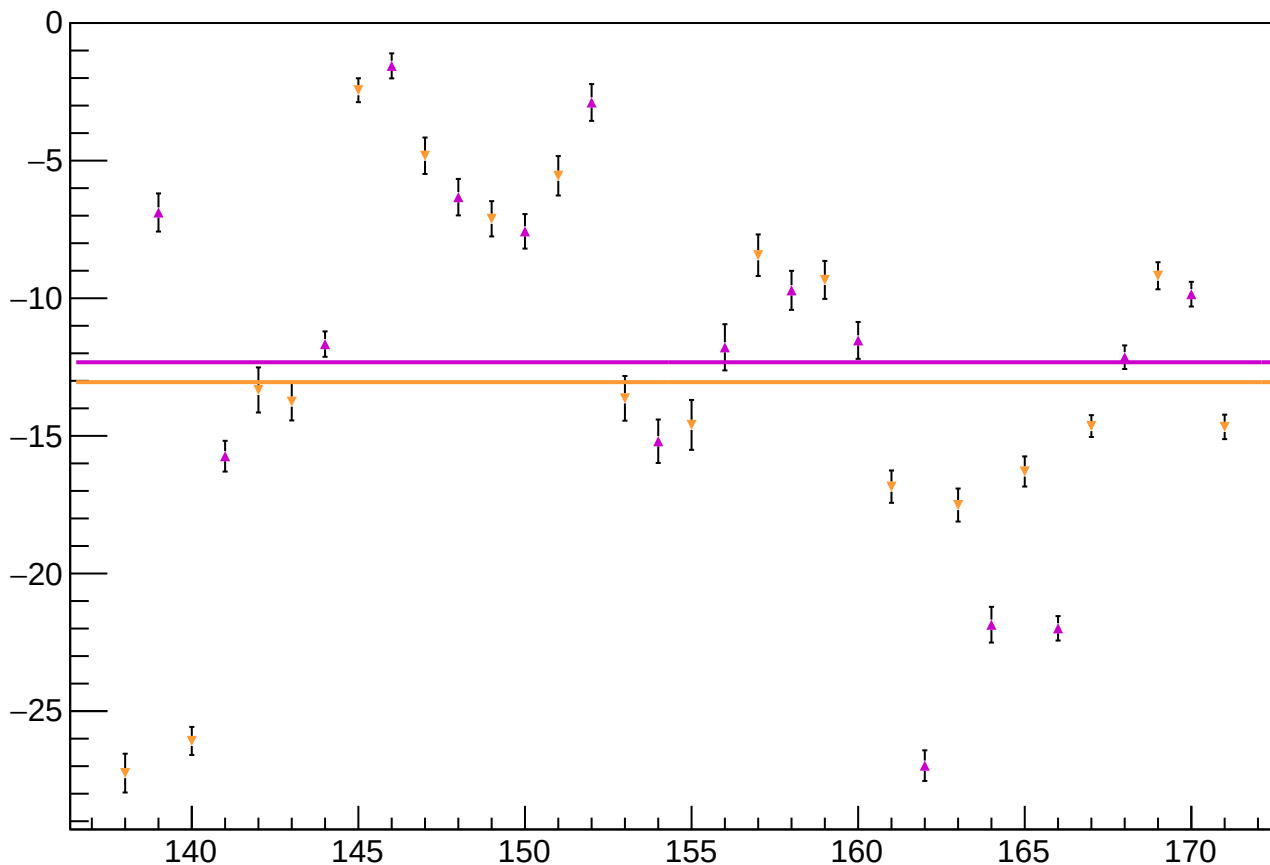
Left In: -0.001 $\pm$ 0.002 χ^2/NDF :353.5/15

+ sign 0.010 $\pm$ 0.002 χ^2/NDF : 1663.8/34

All: 0.010 $\pm$ 0.001 χ^2/NDF : 3600.3/69

- sign 0.010 $\pm$ 0.002 χ^2/NDF : 1936.5/34

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.048+/-0.138 χ^2/NDF : 2299.0/17

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

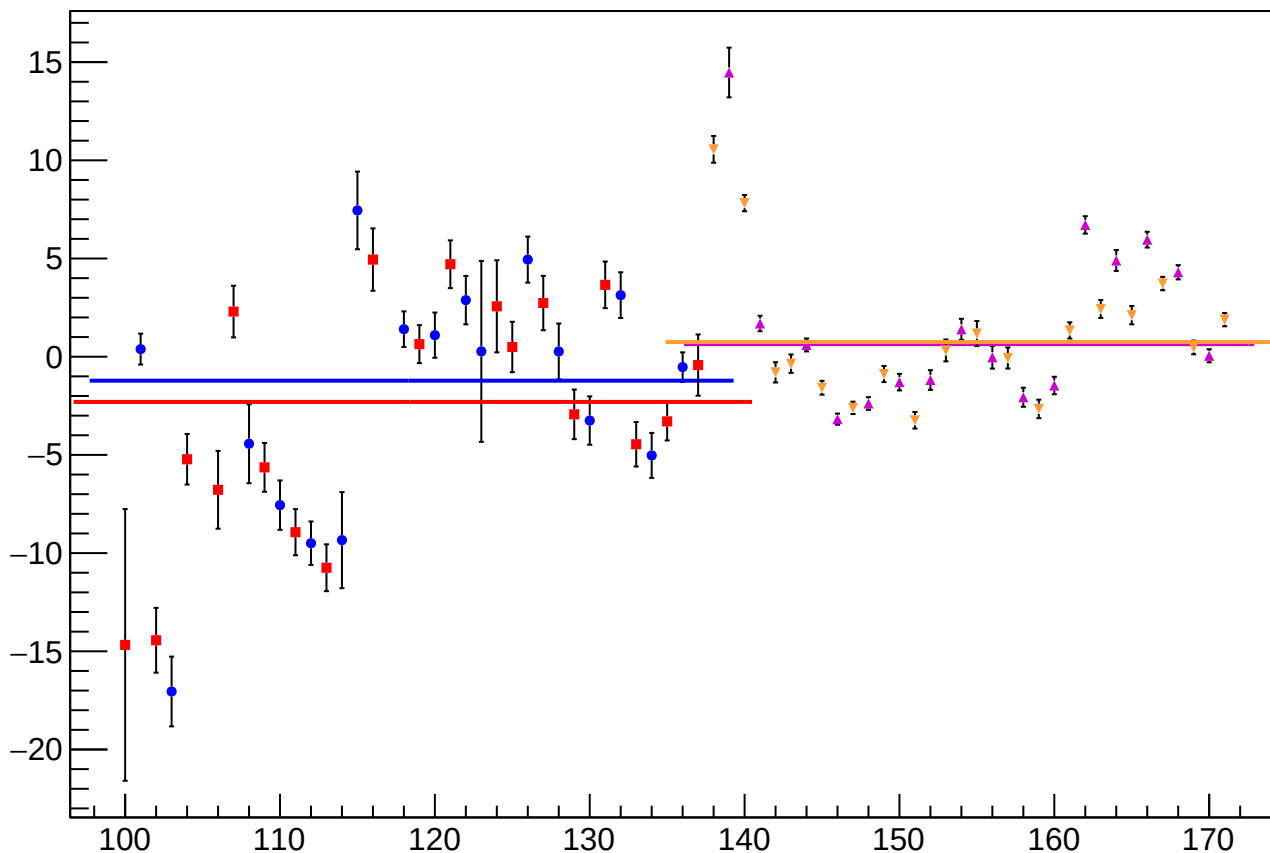
Left In: -12.325+/-0.141 χ^2/NDF : 2444.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.695+/-0.099 χ^2/NDF : 4756.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.747 ± 0.100 χ^2/NDF : 944.3/17

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

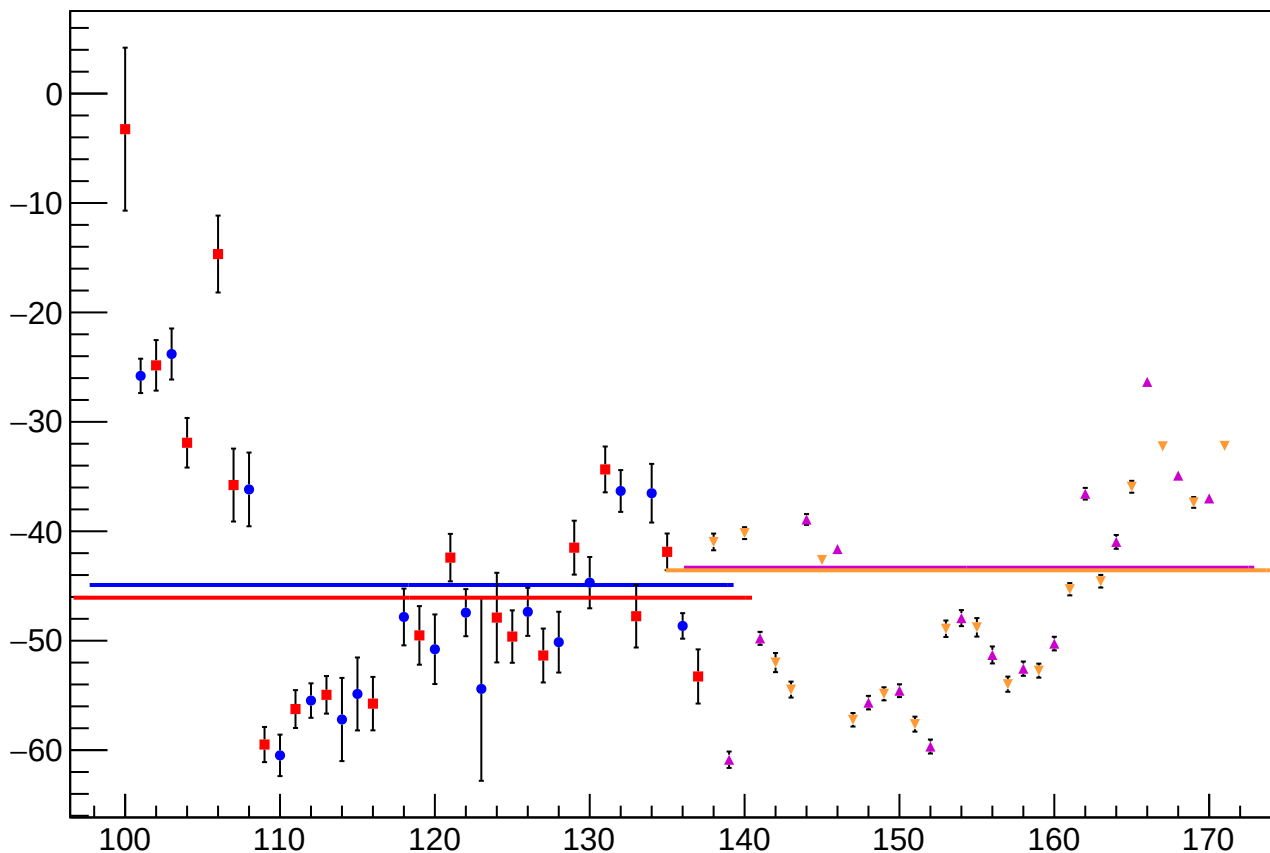
Left In: 0.639 ± 0.103 χ^2/NDF : 1019.8/15

+ sign 0.538 ± 0.094 χ^2/NDF : 1264.0/34

All: 0.440 ± 0.068 χ^2/NDF : 2657.1/69

- sign 0.336 ± 0.097 χ^2/NDF : 1390.9/34

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -43.566 ± 0.137 χ^2/NDF : 3947.7/17

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

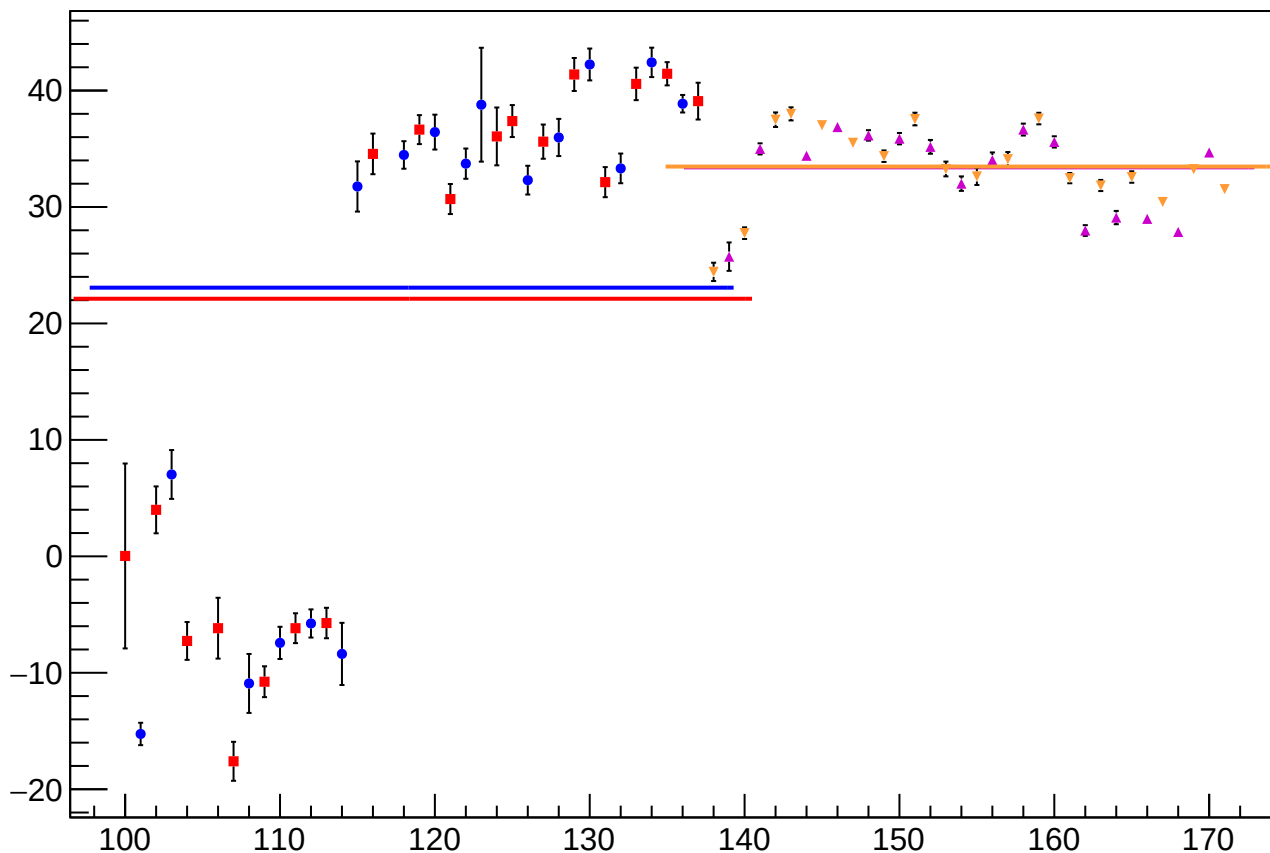
Left In: -43.330 ± 0.139 χ^2/NDF : 4799.6/15

+ sign -43.652 ± 0.133 χ^2/NDF : 4375.0/34

All: -43.581 ± 0.095 χ^2/NDF : 9654.4/69

- sign -43.508 ± 0.135 χ^2/NDF : 5278.8/34

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 33.472 $\pm$ 0.115 χ^2 /NDF: 711.2/17

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

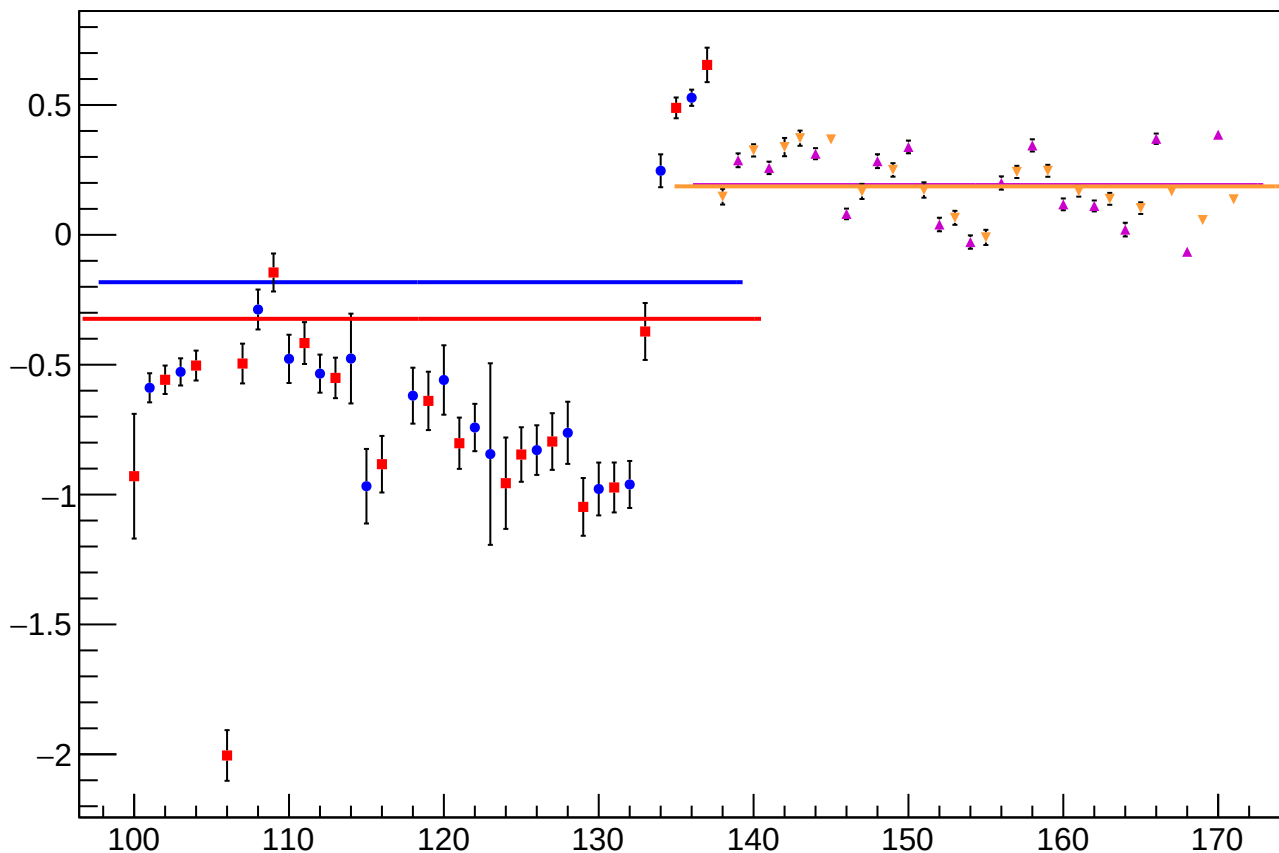
Left In: 33.404 $\pm$ 0.119 χ^2 /NDF: 775.6/15

+ sign 32.320 $\pm$ 0.109 χ^2 /NDF: 5961.9/34

All: 32.250 $\pm$ 0.078 χ^2 /NDF: 11754.8/69

- sign 32.176 $\pm$ 0.112 χ^2 /NDF: 5792.0/34

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.187 ± 0.005 χ^2/NDF : 360.5/17

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

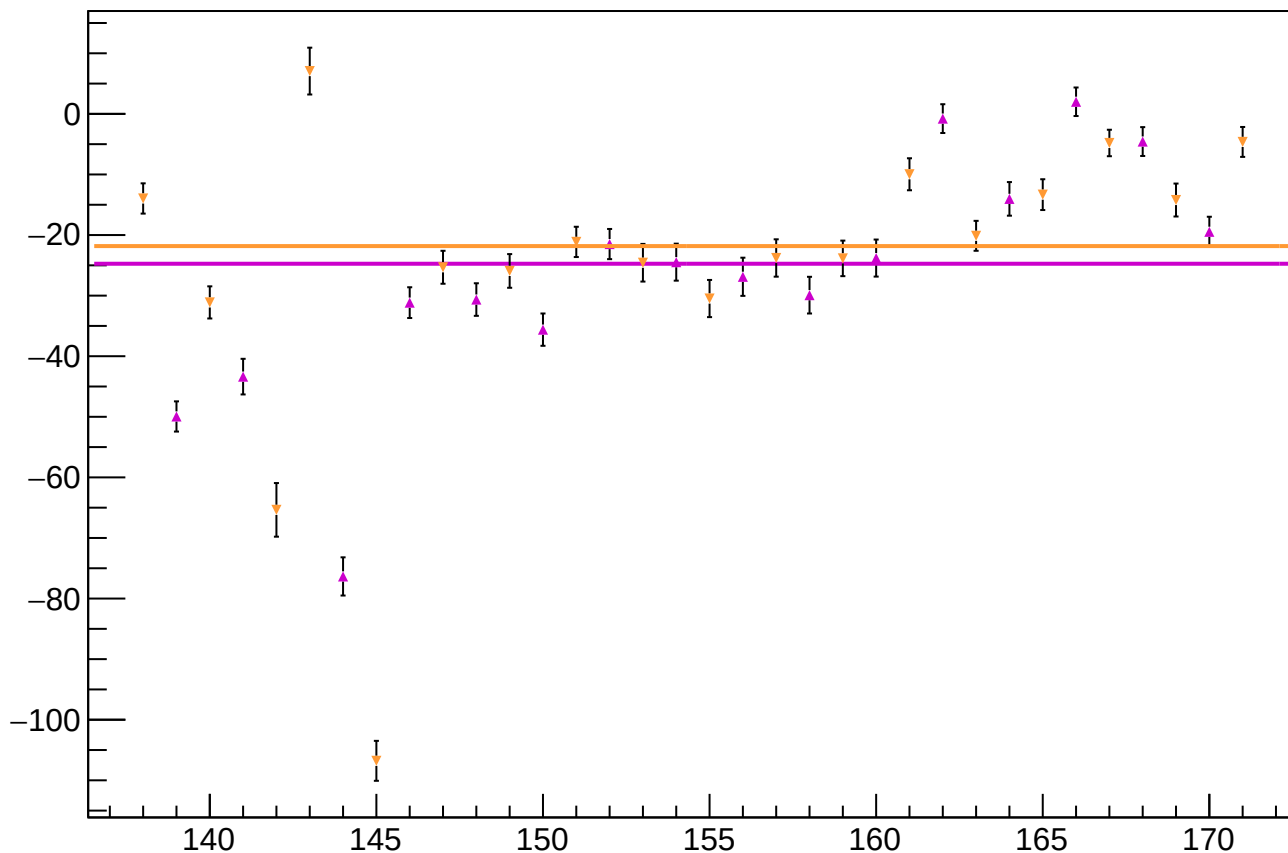
Left In: 0.192 ± 0.006 χ^2/NDF : 811.2/15

+ sign 0.156 ± 0.005 χ^2/NDF : 1755.7/34

All: 0.152 ± 0.004 χ^2/NDF : 4488.4/69

- sign 0.148 ± 0.005 χ^2/NDF : 2731.5/34

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -21.823+/-0.654 χ^2/NDF :1001.4/17

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

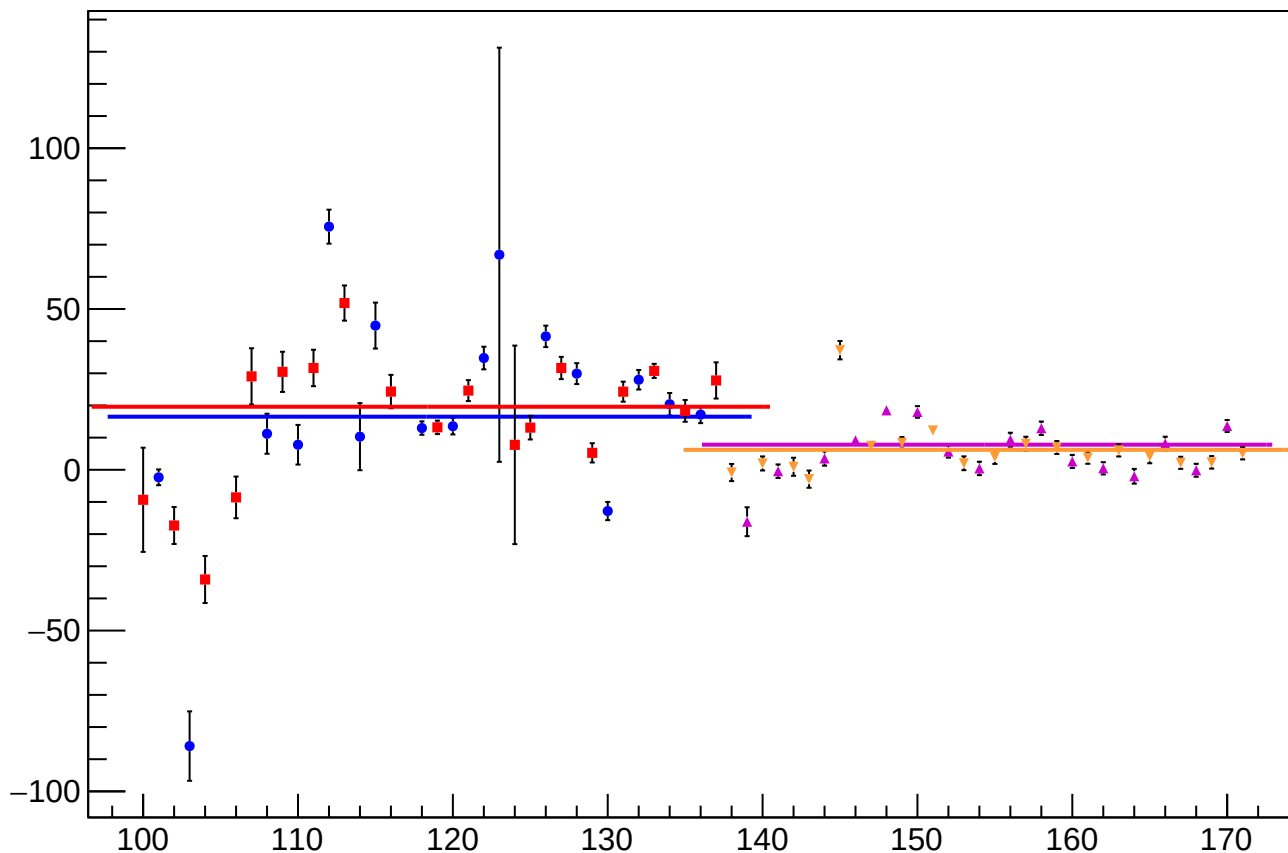
Left In: -24.737+/-0.671 χ^2/NDF :765.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.242+/-0.468 χ^2/NDF : 1776.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 6.201 $\pm$ 0.465 χ^2 /NDF: 181.1/17

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

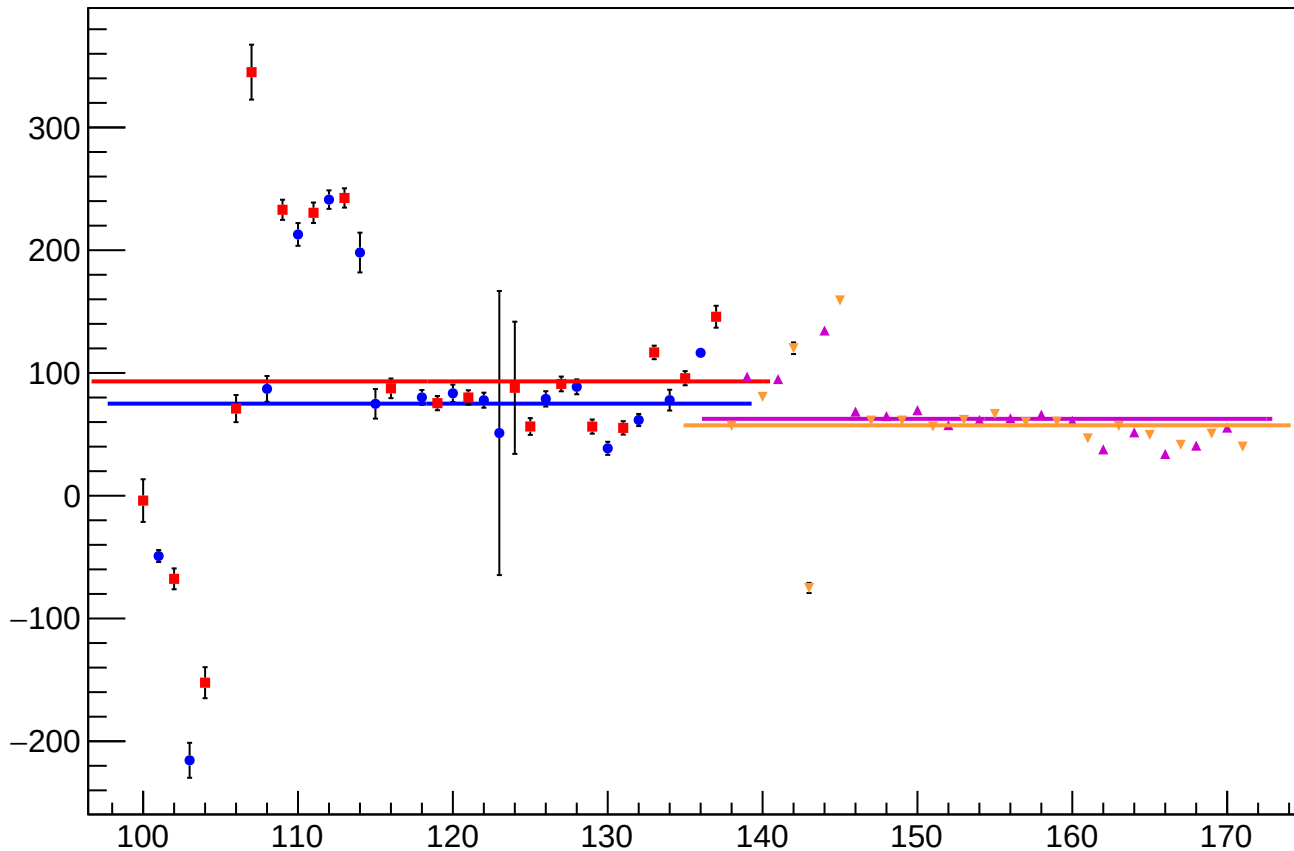
Left In: 7.806 $\pm$ 0.486 χ^2 /NDF: 232.0/15

+ sign 8.584 $\pm$ 0.407 χ^2 /NDF: 814.5/34

All: 9.486 $\pm$ 0.295 χ^2 /NDF: 1432.1/69

- sign 10.481 $\pm$ 0.428 χ^2 /NDF: 607.3/34

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 57.355 $\pm$ 0.643 χ^2 /NDF: 2309.2/17

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

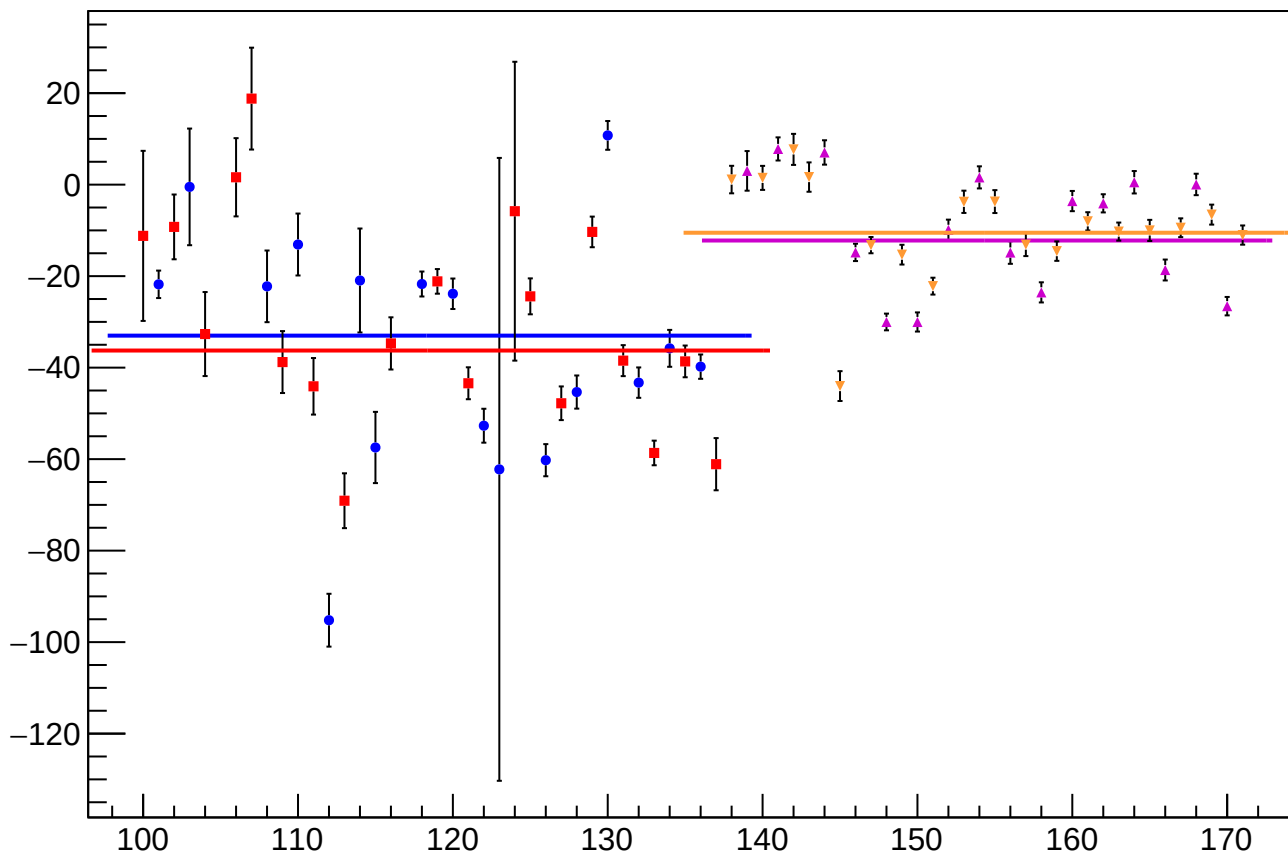
Left In: 62.632 $\pm$ 0.657 χ^2 /NDF: 1113.8/15

+ sign 59.719 $\pm$ 0.599 χ^2 /NDF: 4409.4/34

All: 63.052 $\pm$ 0.428 χ^2 /NDF: 7866.1/69

- sign 66.546 $\pm$ 0.613 χ^2 /NDF: 3393.2/34

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -10.513 ± 0.539 χ^2/NDF : 257.0/17

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

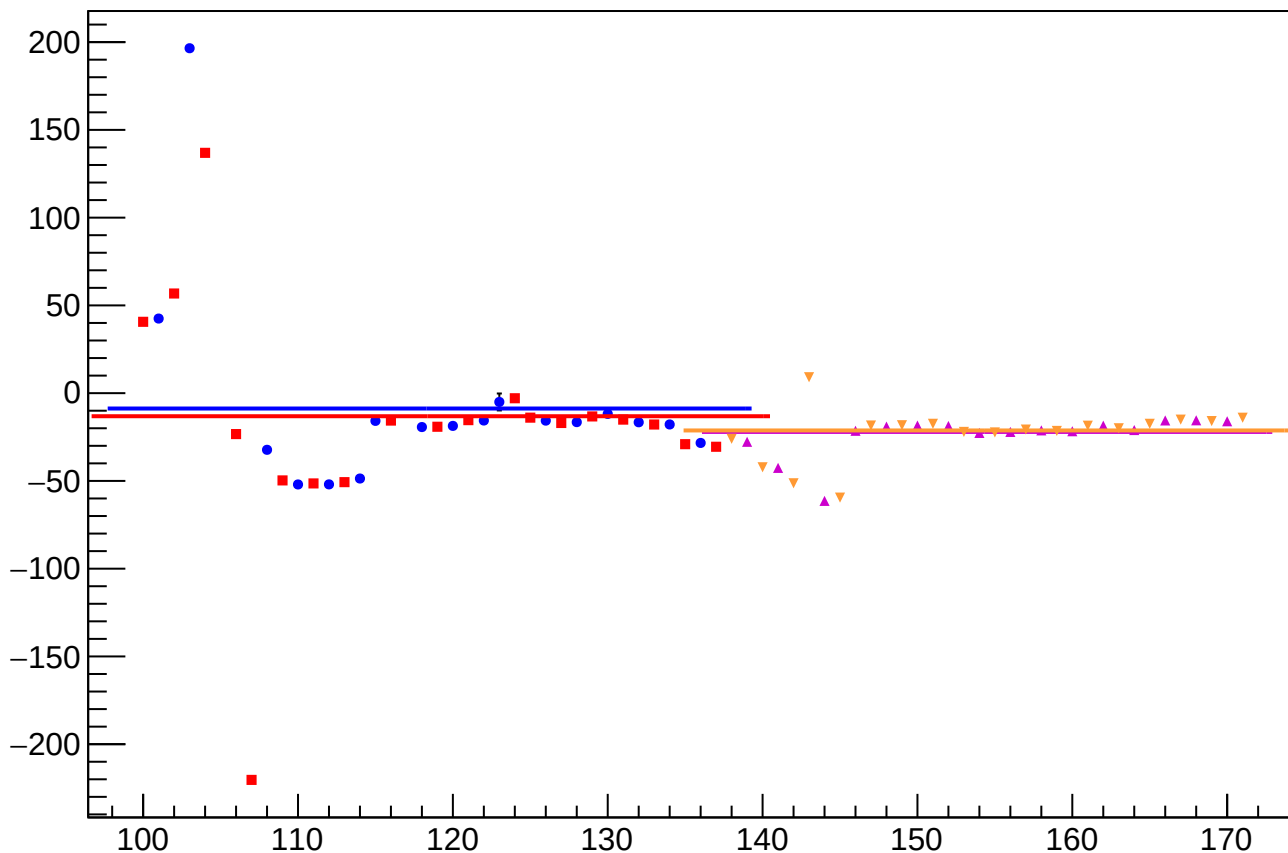
Left In: -12.212 ± 0.564 χ^2/NDF : 502.9/15

+ sign -15.811 ± 0.472 χ^2/NDF : 1159.7/34

All: -16.759 ± 0.341 χ^2/NDF : 2390.3/69

- sign -17.799 ± 0.494 χ^2/NDF : 1222.2/34

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -21.246 ± 0.025 $\chi^2/\text{NDF}: 189507.1/17$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

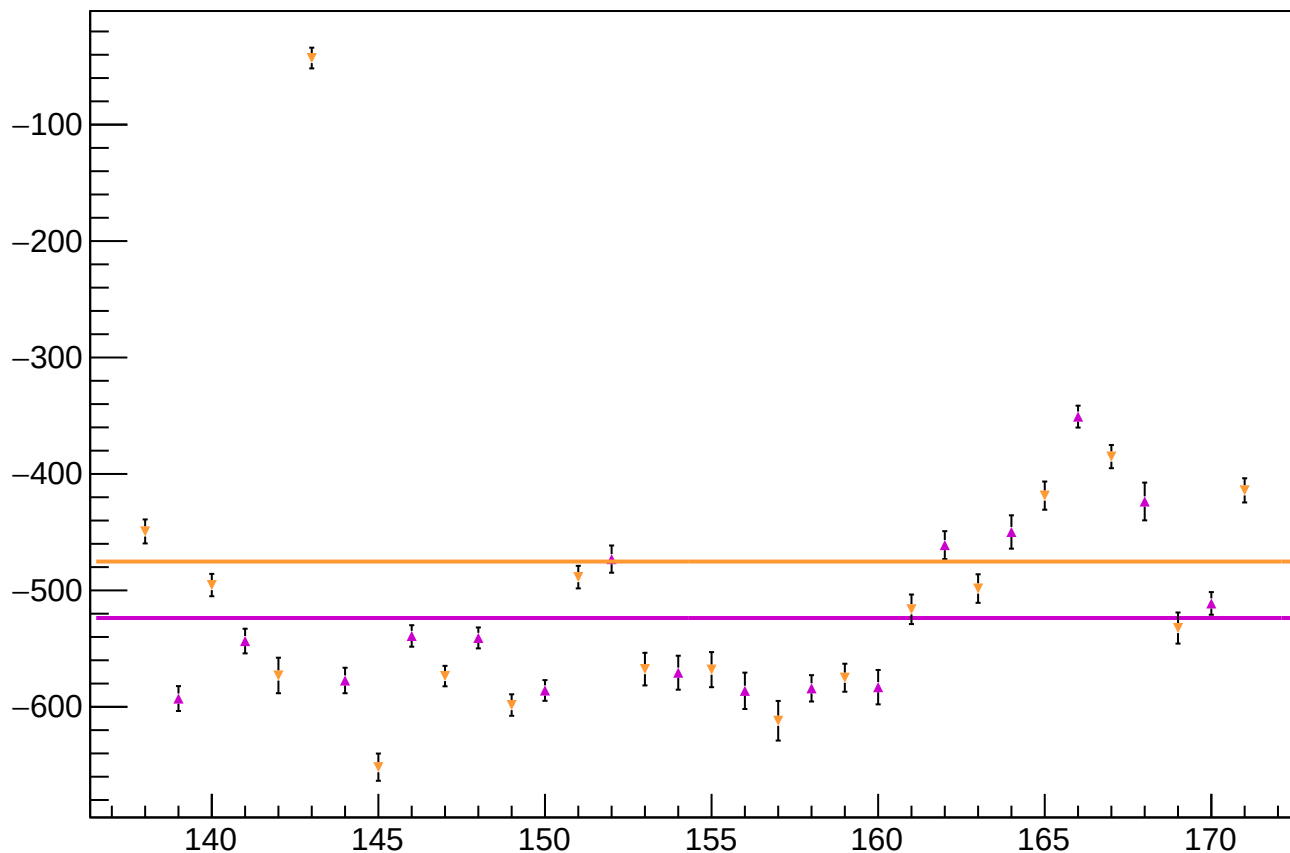
Left In: -22.084 ± 0.026 $\chi^2/\text{NDF}: 119301.5/15$

+ sign -19.329 ± 0.023 $\chi^2/\text{NDF}: 803741.5/34$

All: -20.025 ± 0.017 $\chi^2/\text{NDF}: 1501434.5/69$

- sign -20.764 ± 0.024 $\chi^2/\text{NDF}: 695809.8/34$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -475.214+/-2.632 χ^2/NDF : 3331.3/17

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

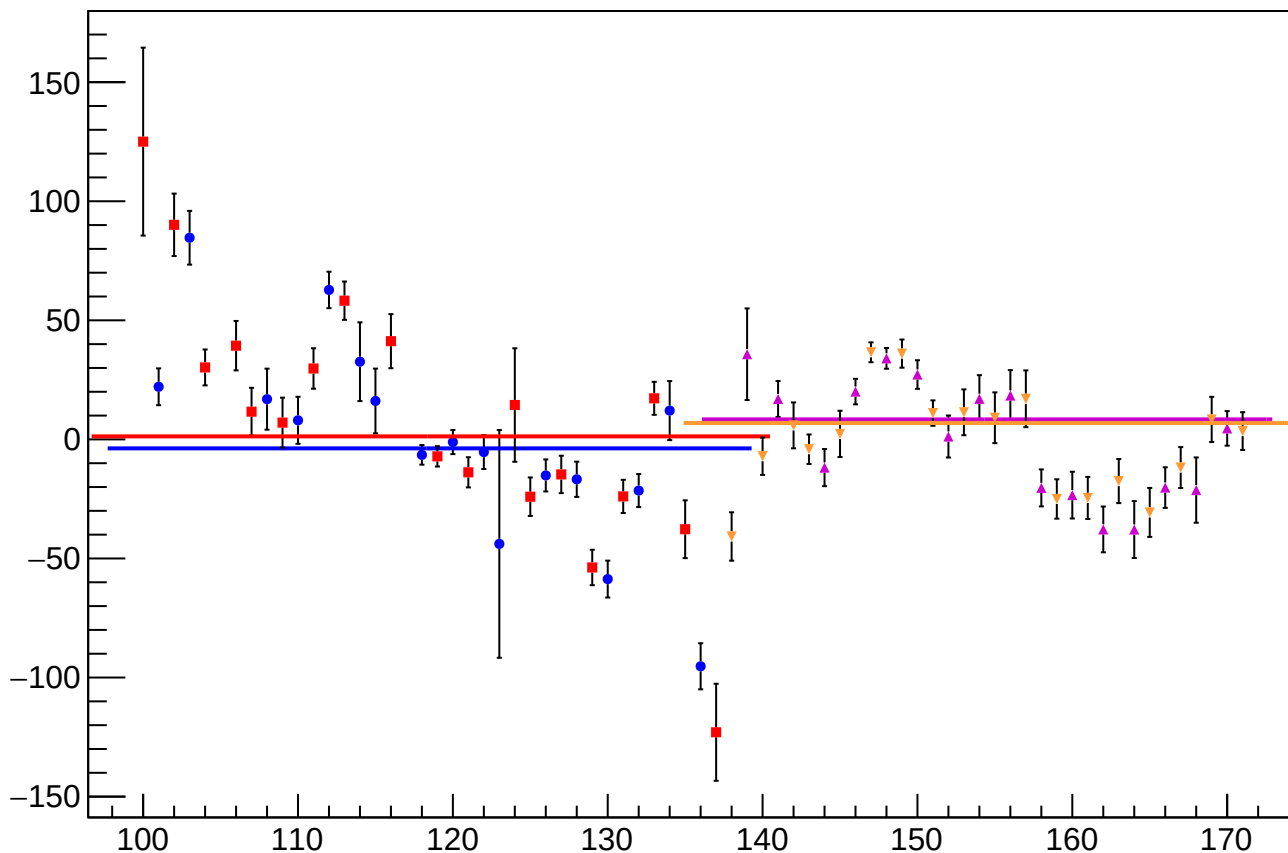
Left In: -523.693+/-2.786 χ^2/NDF : 646.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.079+/-1.913 χ^2/NDF : 4137.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 6.878 ± 1.794 χ^2/NDF : 158.1/17

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

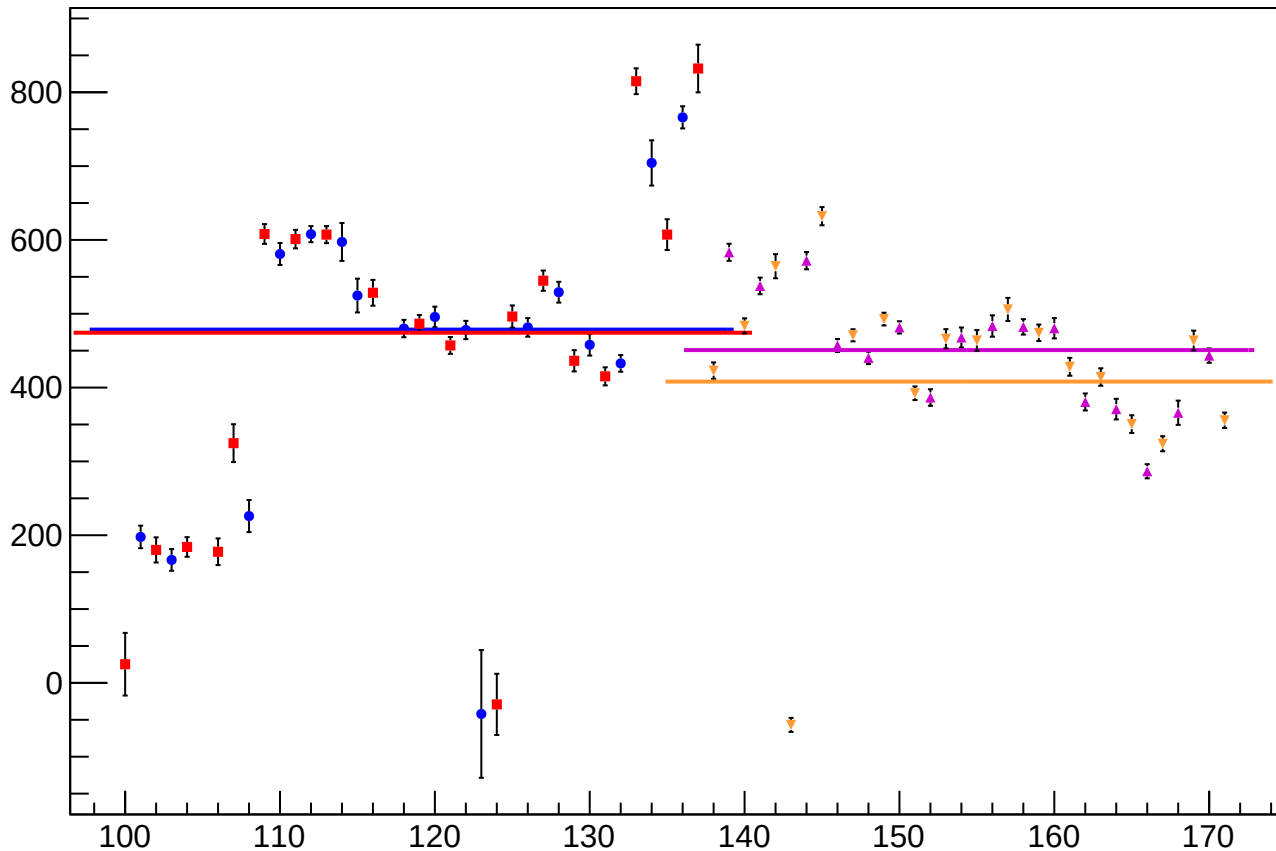
Left In: 8.402 ± 1.936 χ^2/NDF : 140.2/15

+ sign 1.825 ± 1.301 χ^2/NDF : 489.2/34

All: 3.245 ± 0.941 χ^2/NDF : 942.5/69

- sign 4.805 ± 1.363 χ^2/NDF : 450.8/34

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 408.123 $\pm$ 2.605 χ^2 /NDF: 3279.5/17

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

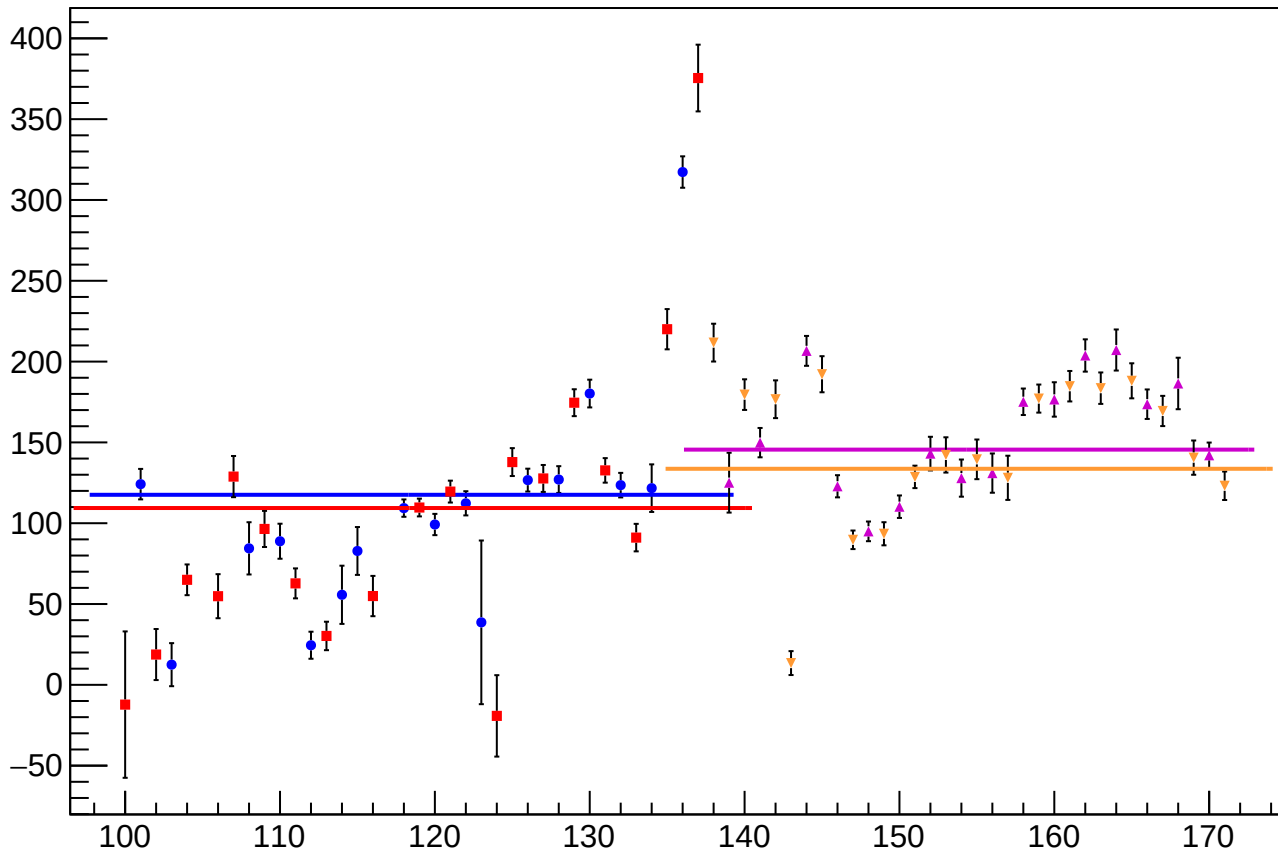
Left In: 450.766 $\pm$ 2.726 χ^2 /NDF: 757.4/15

+ sign 432.050 $\pm$ 2.116 χ^2 /NDF: 5156.8/34

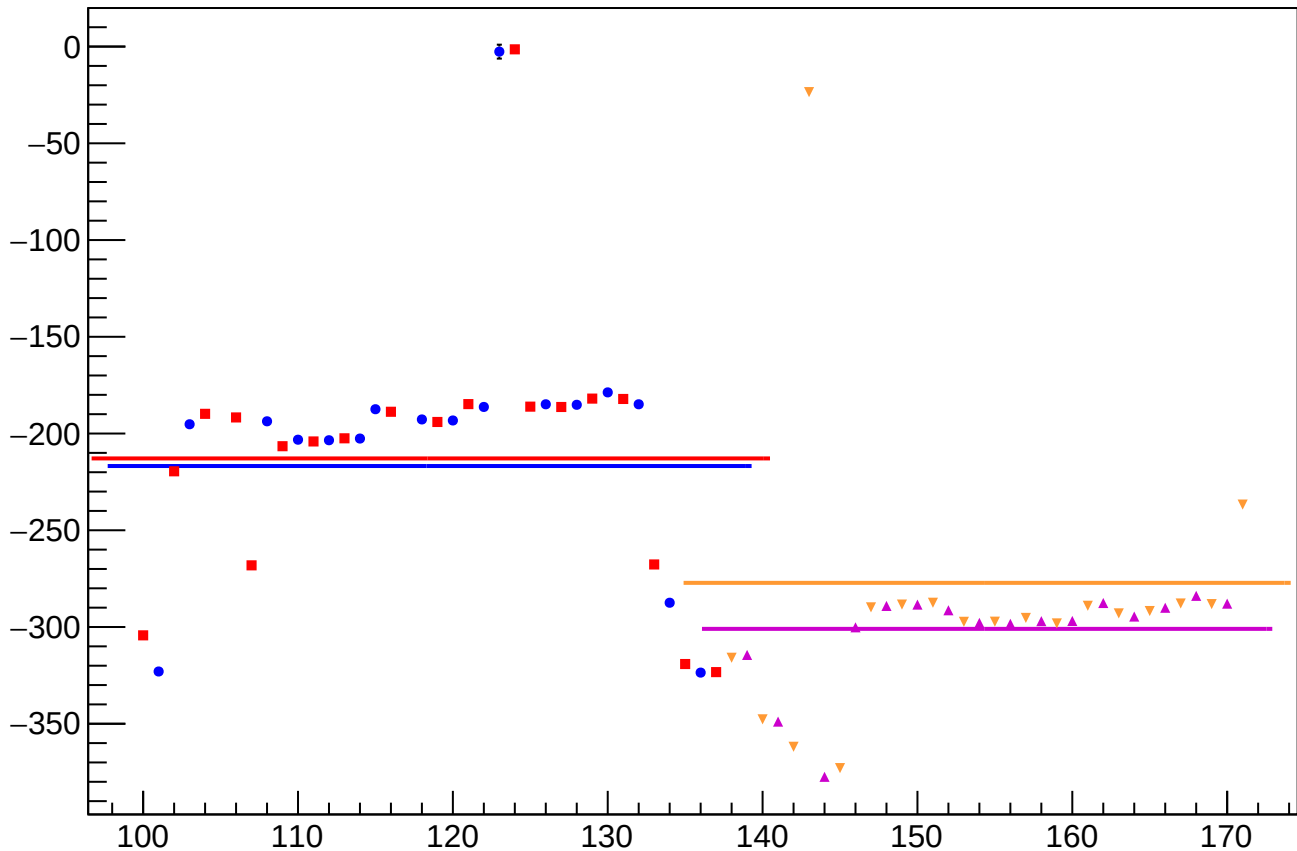
All: 445.535 $\pm$ 1.511 χ^2 /NDF: 8312.0/69

- sign 459.561 $\pm$ 2.158 χ^2 /NDF: 3072.4/34

reg_asym_atl2_diff_bpm4eY_slope vs Slug



reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -277.178 ± 0.104 $\chi^2/\text{NDF}: 559116.7/17$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

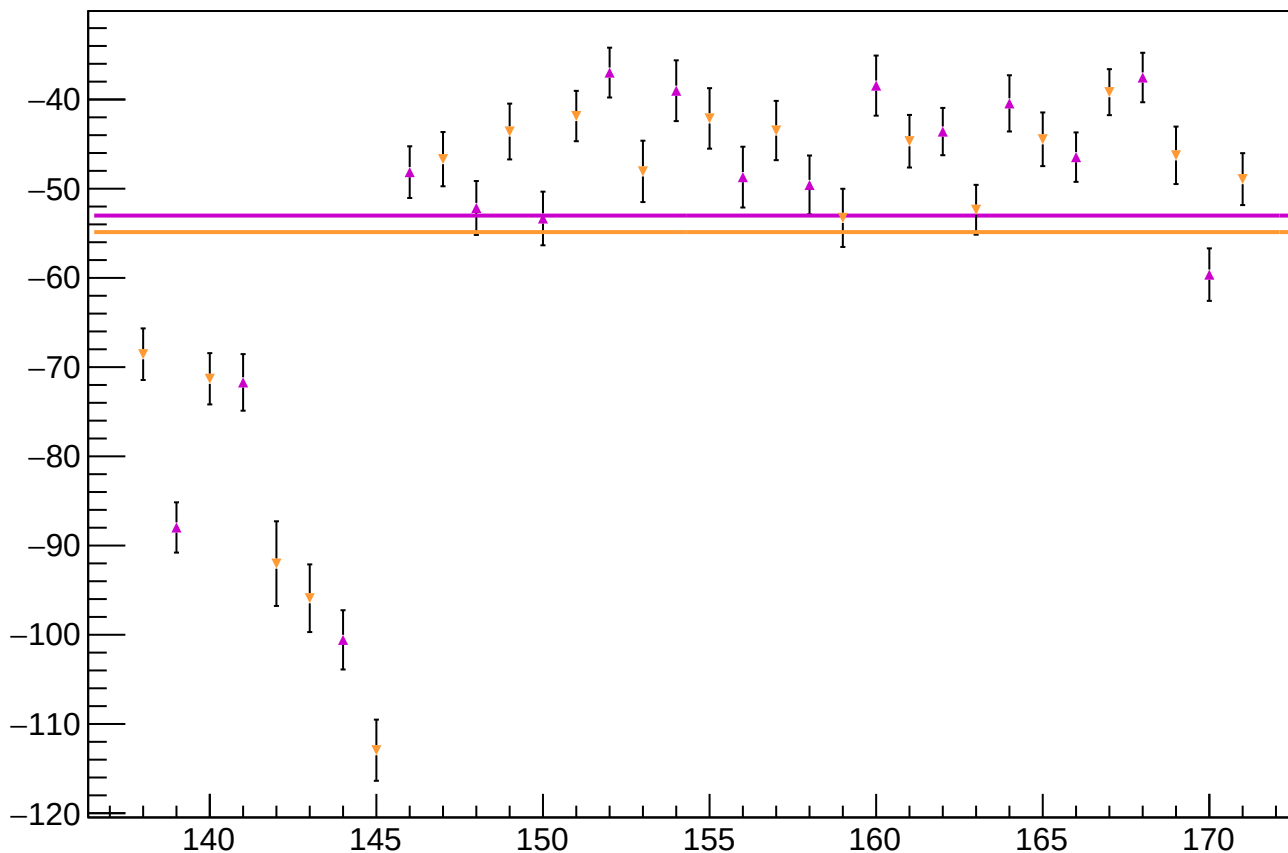
Left In: -300.958 ± 0.109 $\chi^2/\text{NDF}: 41206.1/15$

+ sign -254.894 ± 0.082 $\chi^2/\text{NDF}: 831107.1/34$

All: -259.788 ± 0.059 $\chi^2/\text{NDF}: 1265898.8/69$

- sign -264.800 ± 0.083 $\chi^2/\text{NDF}: 427652.2/34$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -54.865+/-0.735 χ^2/NDF : 665.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

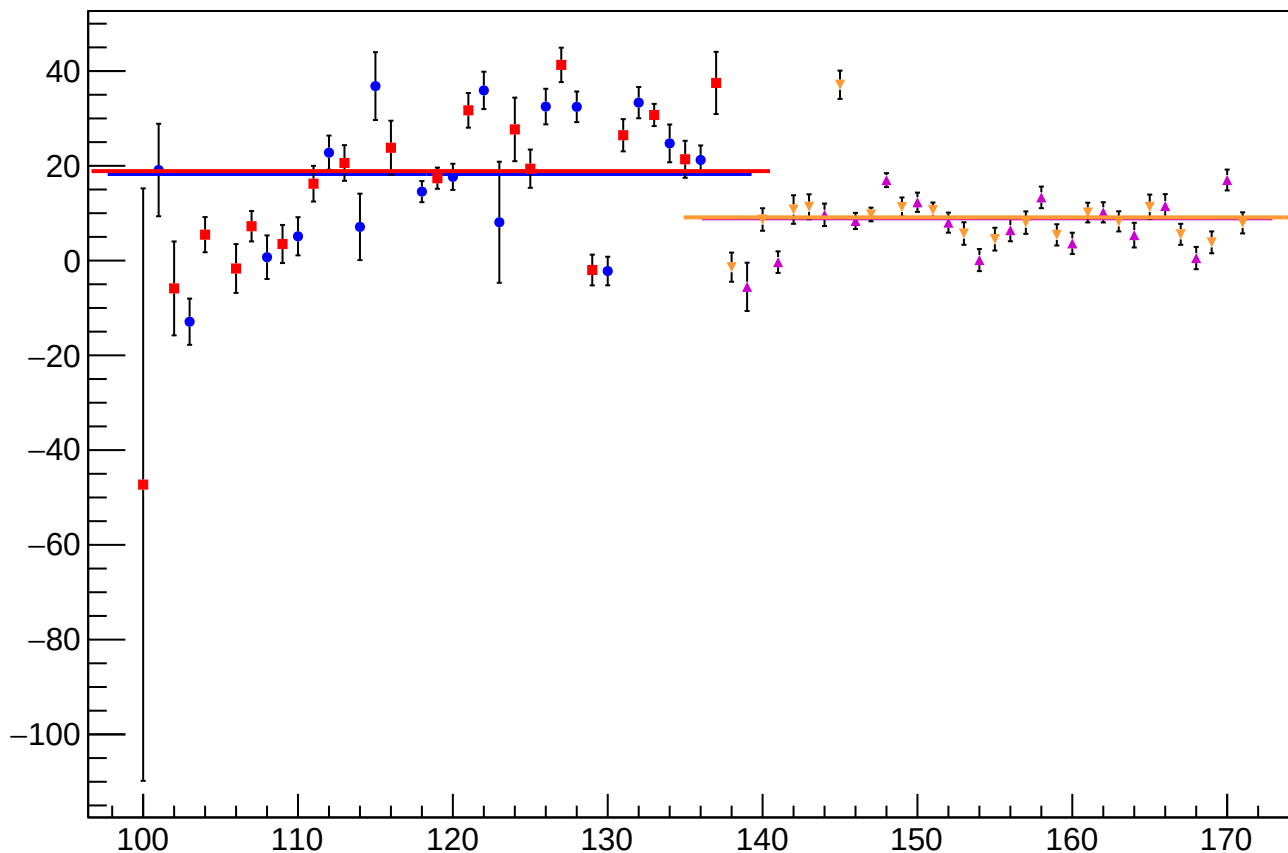
Left In: -53.012+/-0.755 χ^2/NDF : 538.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.963+/-0.527 χ^2/NDF : 1206.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 9.120 ± 0.521 χ^2/NDF : 121.0/17

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

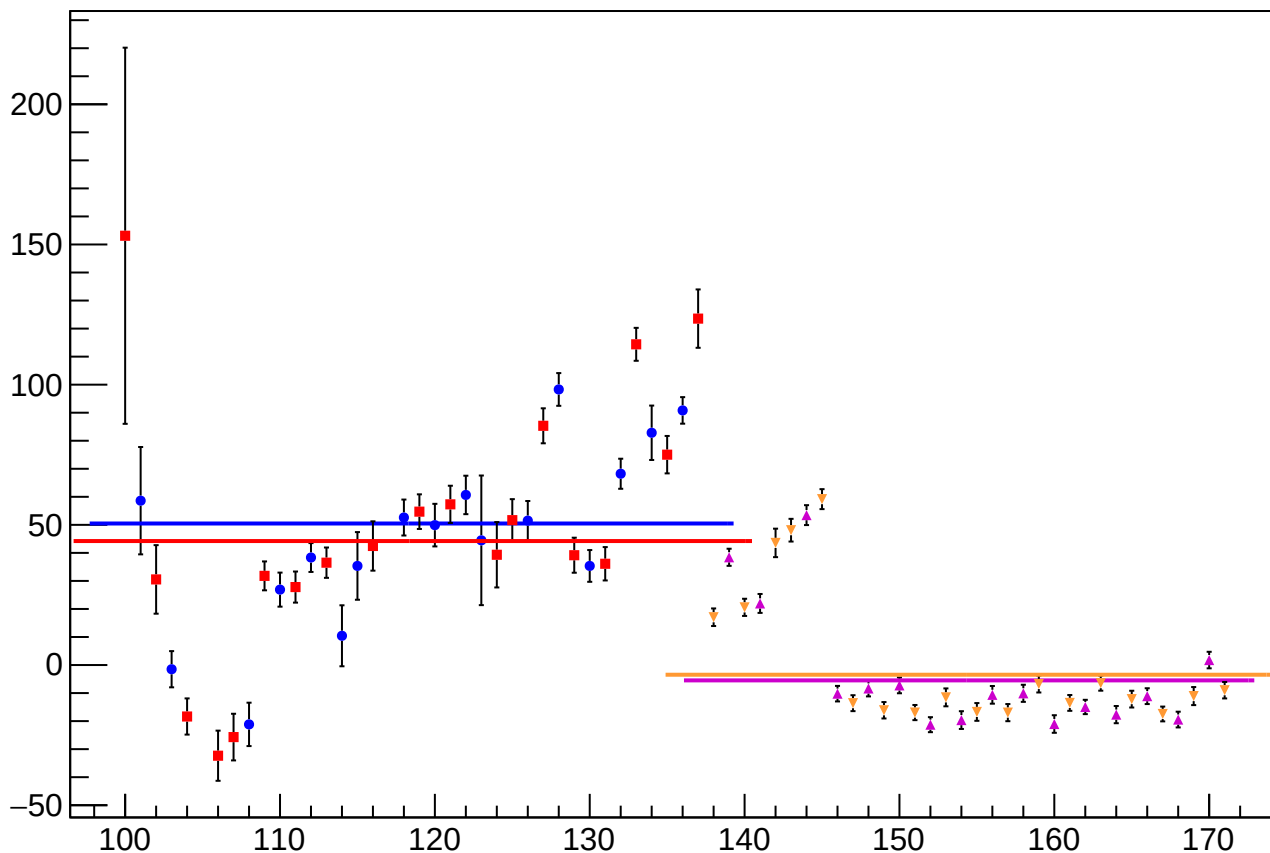
Left In: 8.919 ± 0.547 χ^2/NDF : 112.0/15

+ sign 11.397 ± 0.452 χ^2/NDF : 402.4/34

All: 11.577 ± 0.323 χ^2/NDF : 808.1/69

- sign 11.764 ± 0.462 χ^2/NDF : 405.4/34

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: -3.456 $\pm$ 0.723 χ^2 /NDF: 822.6/17

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

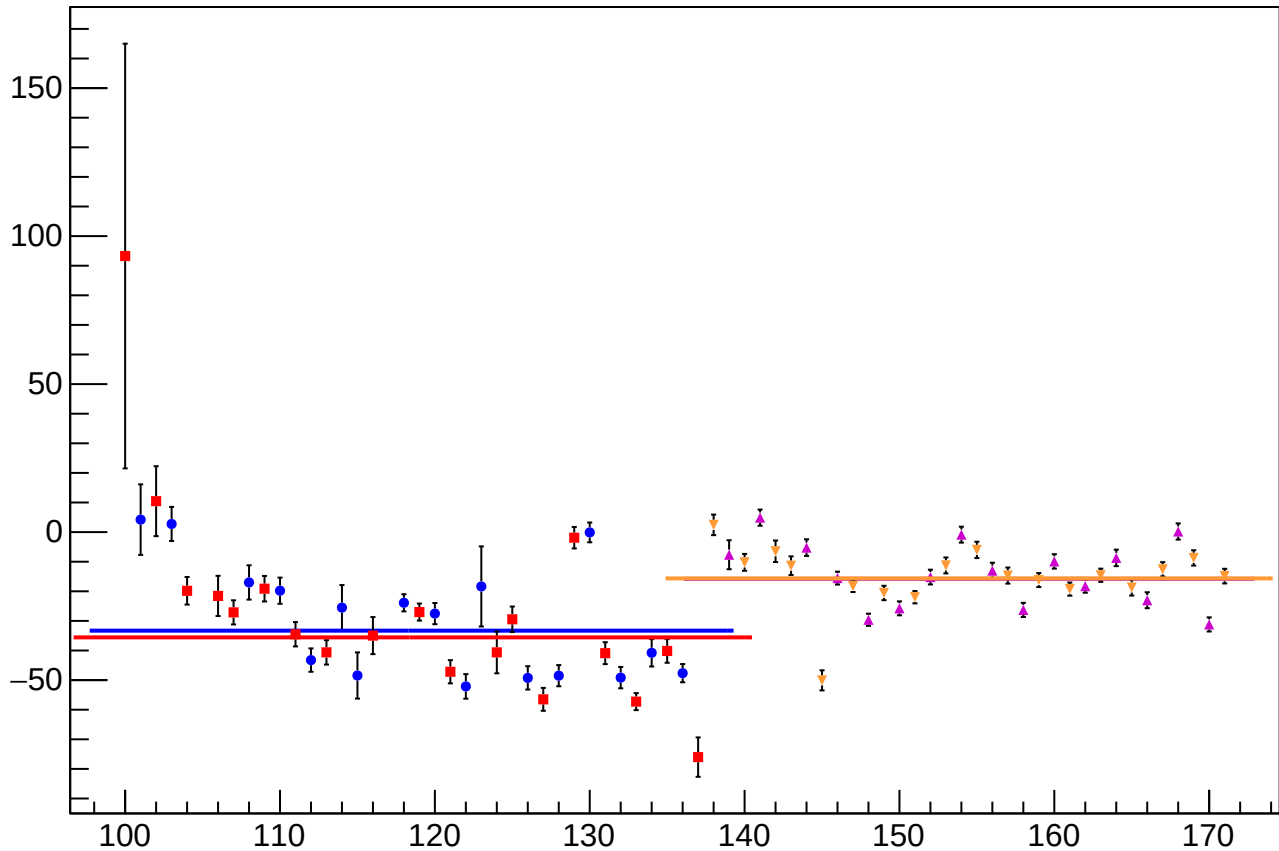
Left In: -5.477 $\pm$ 0.739 χ^2 /NDF: 702.3/15

+ sign 5.081 $\pm$ 0.664 χ^2 /NDF: 2060.7/34

All: 4.167 $\pm$ 0.472 χ^2 /NDF: 4094.5/69

- sign 3.233 $\pm$ 0.671 χ^2 /NDF: 2030.0/34

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -15.641 ± 0.606 χ^2/NDF : 184.8/17

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

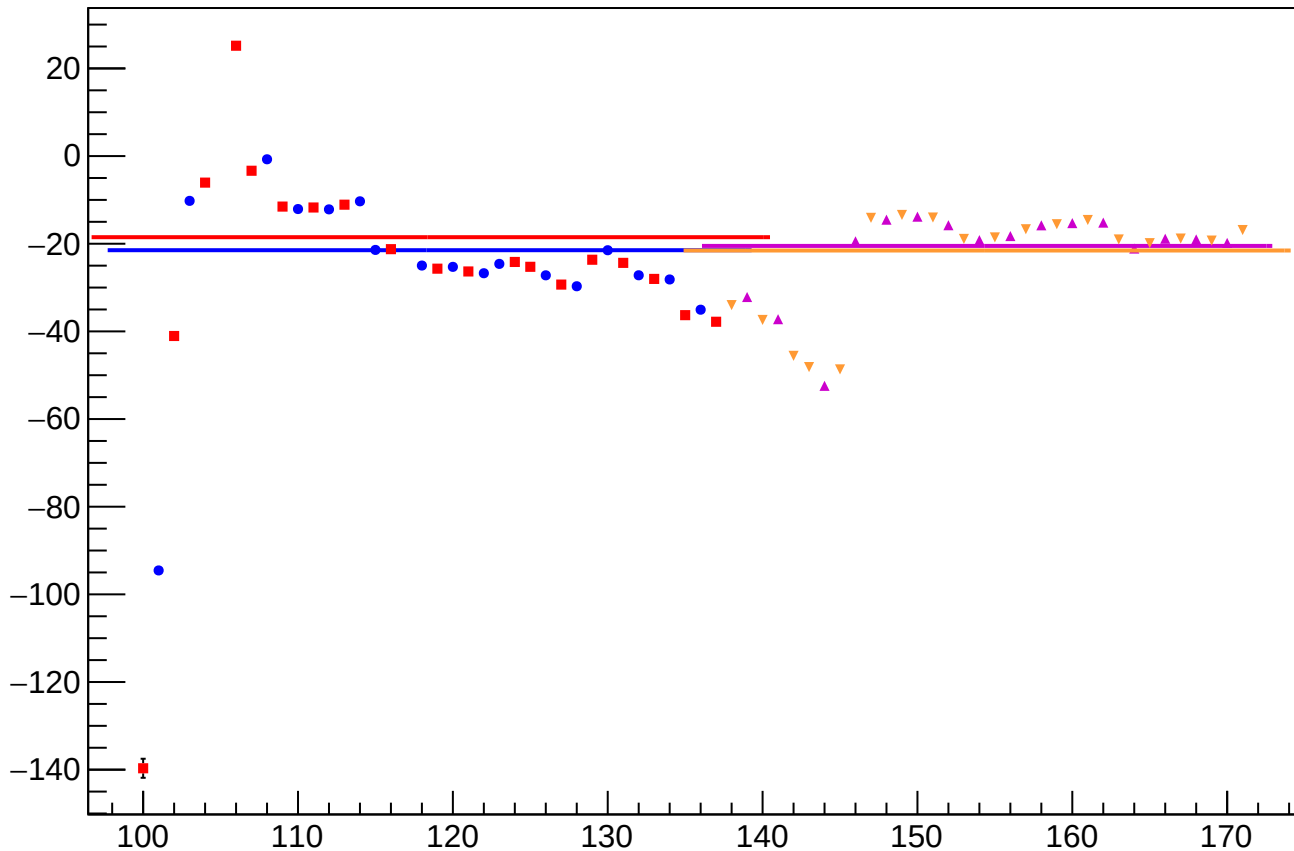
Left In: -15.784 ± 0.634 χ^2/NDF : 285.2/15

+ sign -20.158 ± 0.523 χ^2/NDF : 691.2/34

All: -20.820 ± 0.374 χ^2/NDF : 1549.5/69

- sign -21.512 ± 0.534 χ^2/NDF : 855.0/34

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -21.545 ± 0.028 $\chi^2/\text{NDF}: 128718.7/17$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

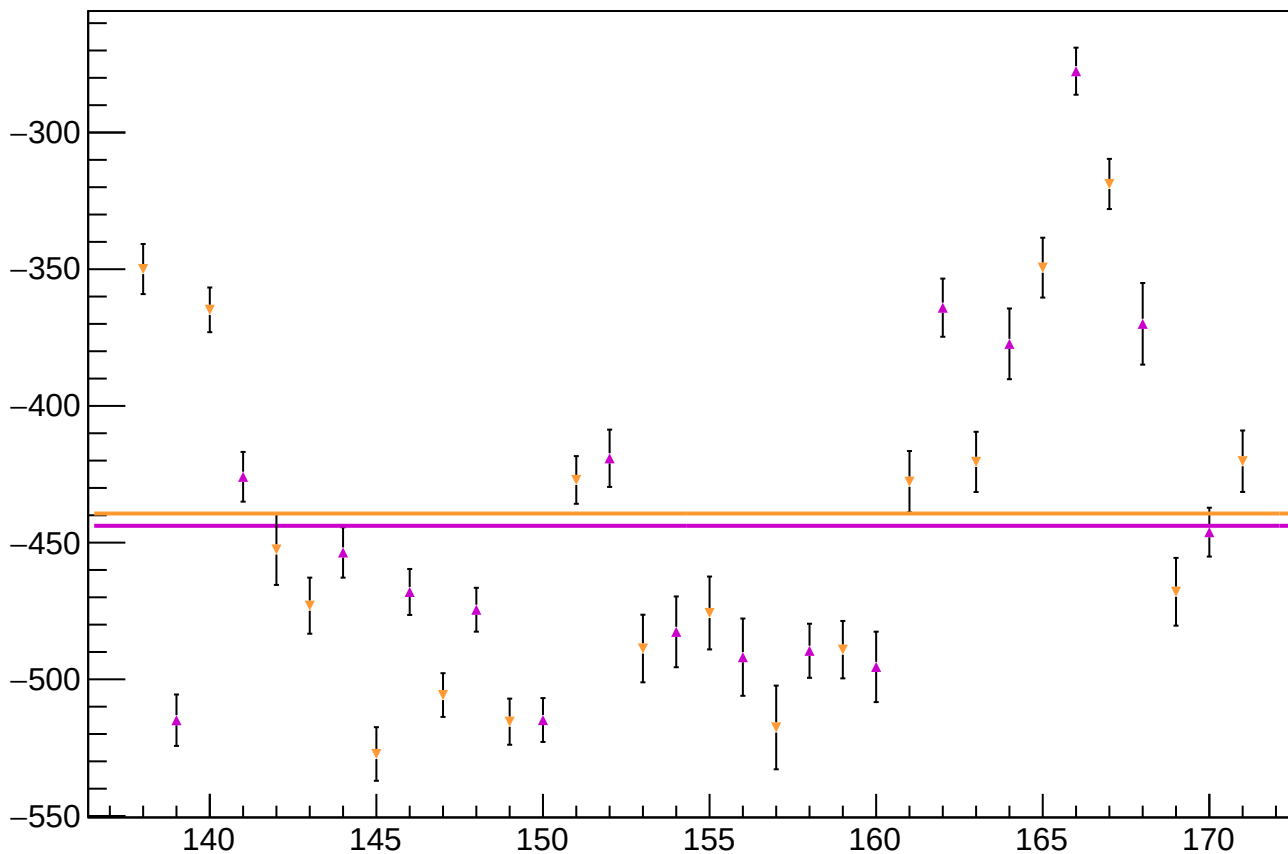
Left In: -20.497 ± 0.029 $\chi^2/\text{NDF}: 84454.8/15$

+ sign -21.532 ± 0.025 $\chi^2/\text{NDF}: 177729.6/34$

All: -20.825 ± 0.018 $\chi^2/\text{NDF}: 345460.0/69$

- sign -20.094 ± 0.026 $\chi^2/\text{NDF}: 166150.0/34$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -439.362+/-2.412 χ^2/NDF : 747.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

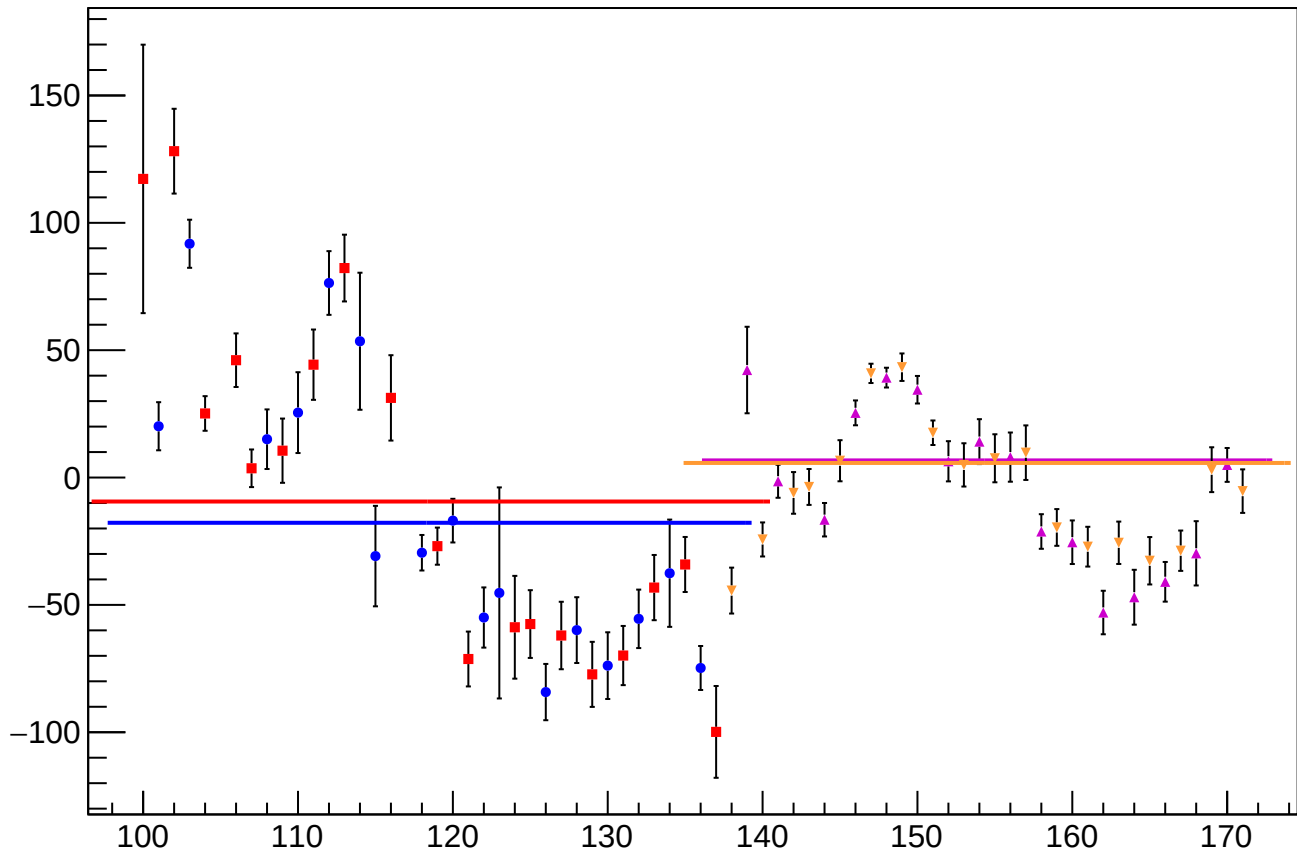
Left In: -443.845+/-2.484 χ^2/NDF : 707.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.537+/-1.730 χ^2/NDF : 1456.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 5.729 ± 1.643 χ^2/NDF : 277.9/17

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

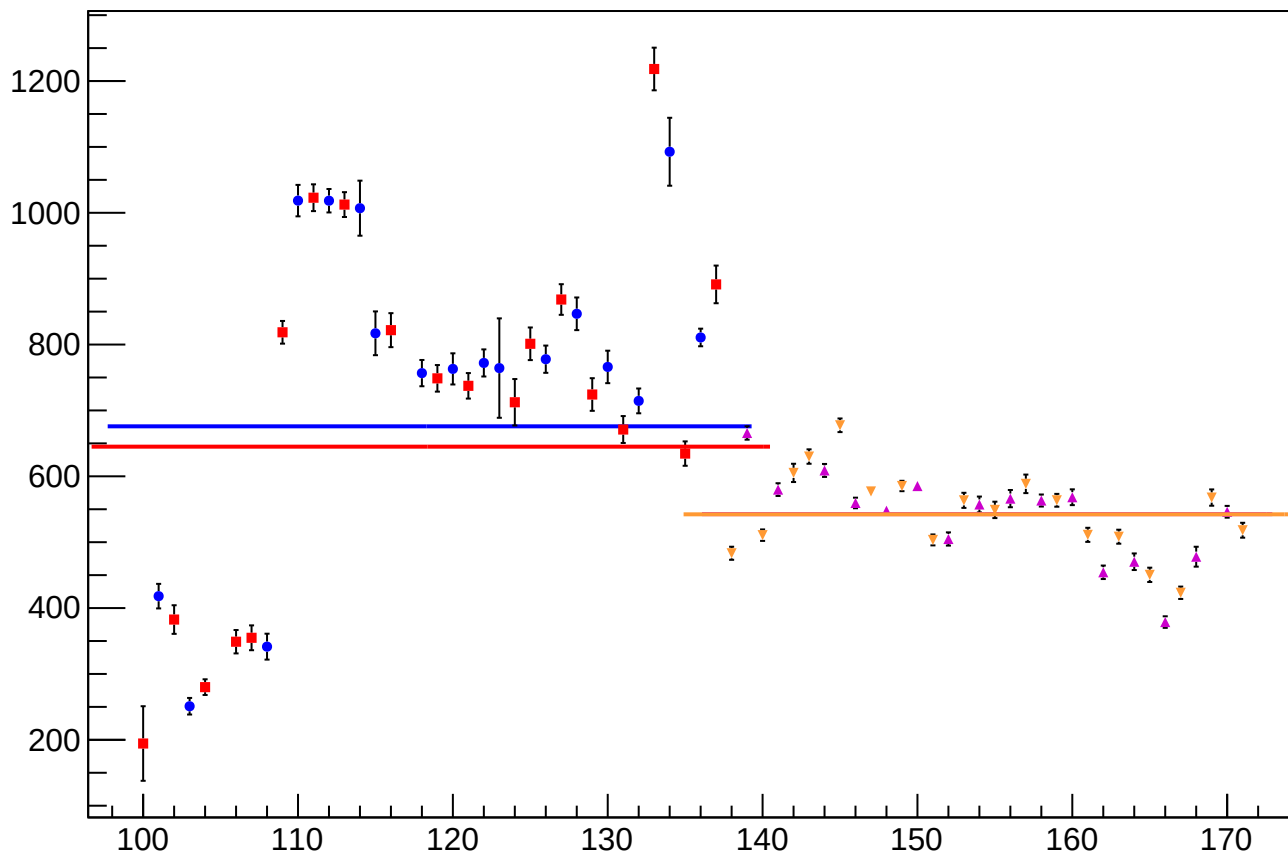
Left In: 6.725 ± 1.726 χ^2/NDF : 280.9/15

+ sign -0.349 ± 1.415 χ^2/NDF : 694.7/34

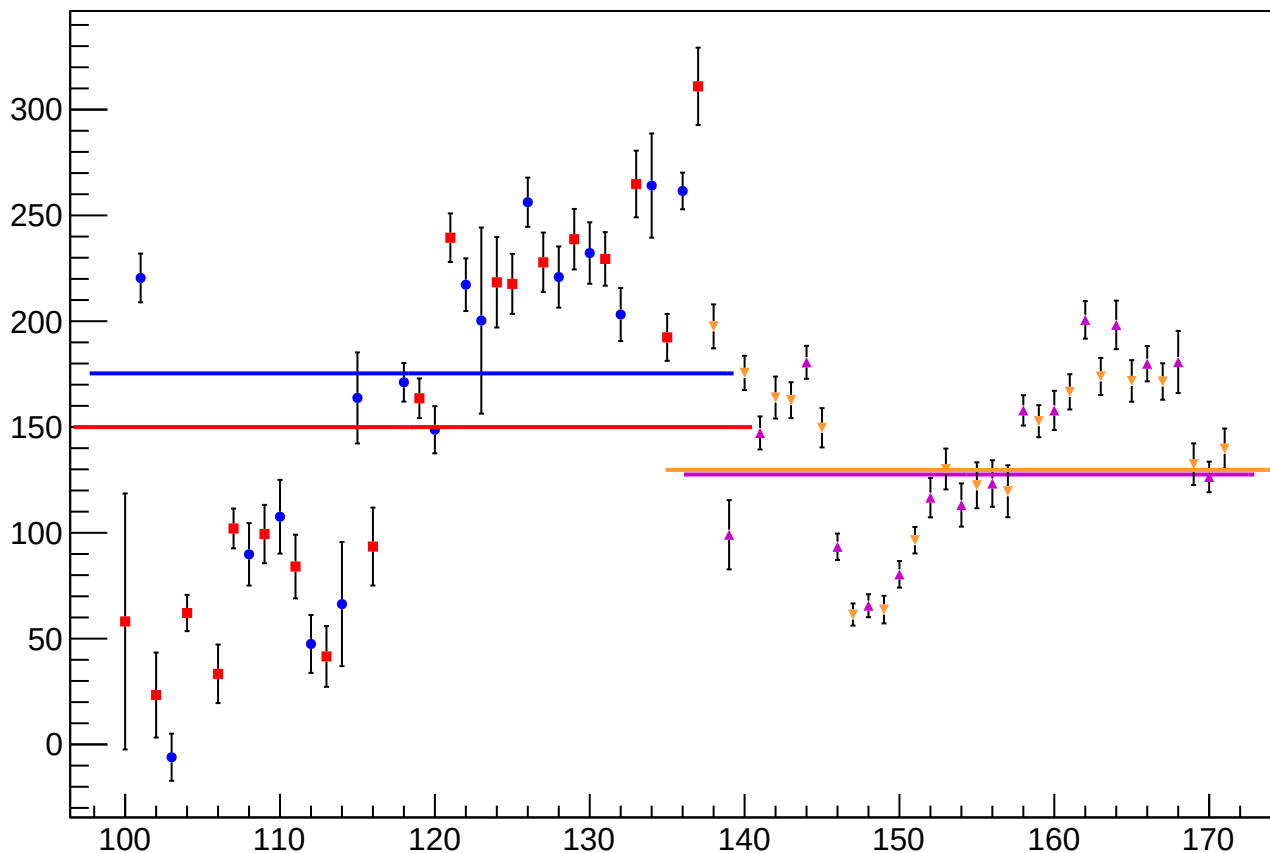
All: 0.717 ± 1.009 χ^2/NDF : 1372.9/69

- sign 1.822 ± 1.440 χ^2/NDF : 677.0/34

reg_asym_atr2_diff_bpm4eX_slope vs Slug



reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 129.712 $\pm$ 1.954 χ^2 /NDF: 506.5/17

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

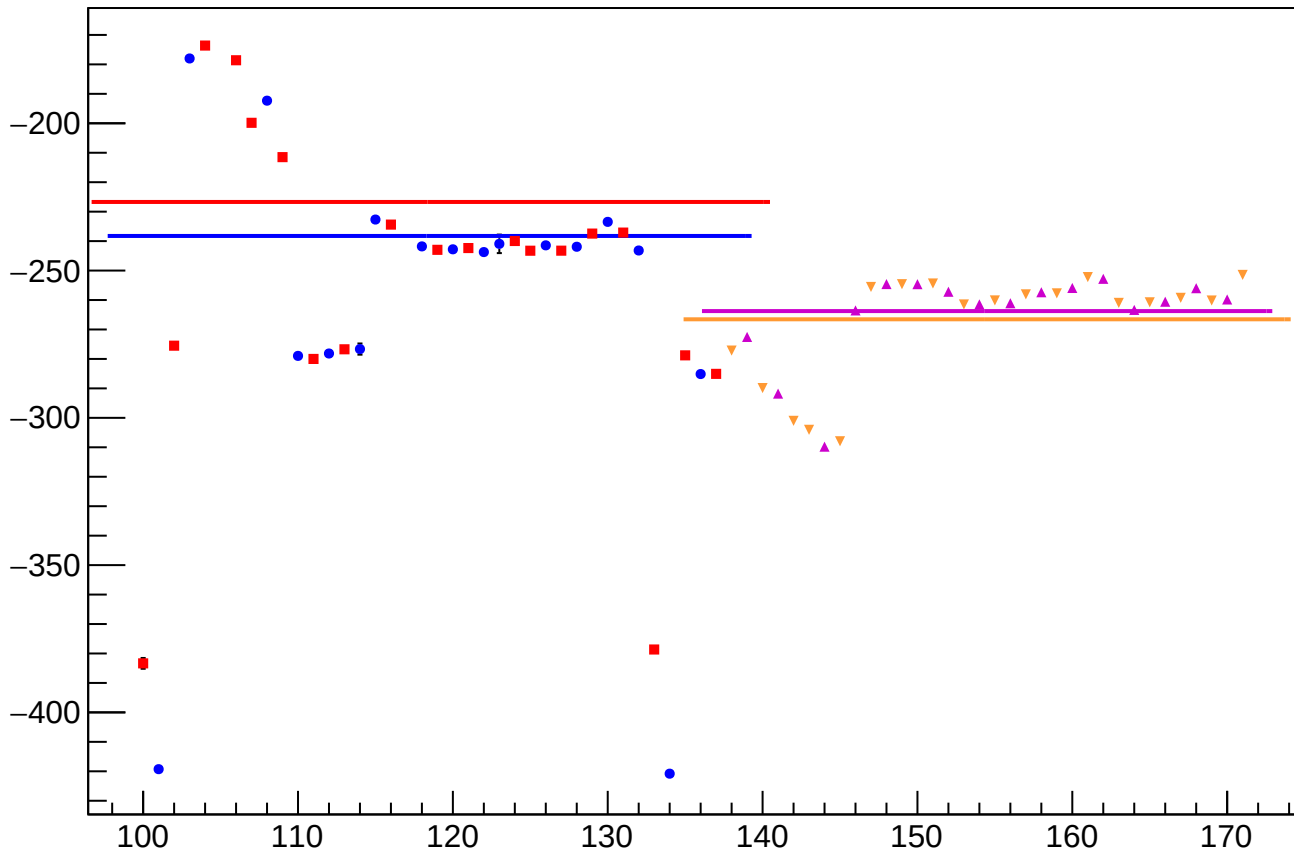
Left In: 127.558 $\pm$ 2.039 χ^2 /NDF: 462.6/15

+ sign 142.087 $\pm$ 1.668 χ^2 /NDF: 1292.9/34

All: 138.352 $\pm$ 1.189 χ^2 /NDF: 2496.2/69

- sign 134.497 $\pm$ 1.694 χ^2 /NDF: 1193.1/34

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -266.546+/-0.095 χ^2/NDF : 34125.6/17

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

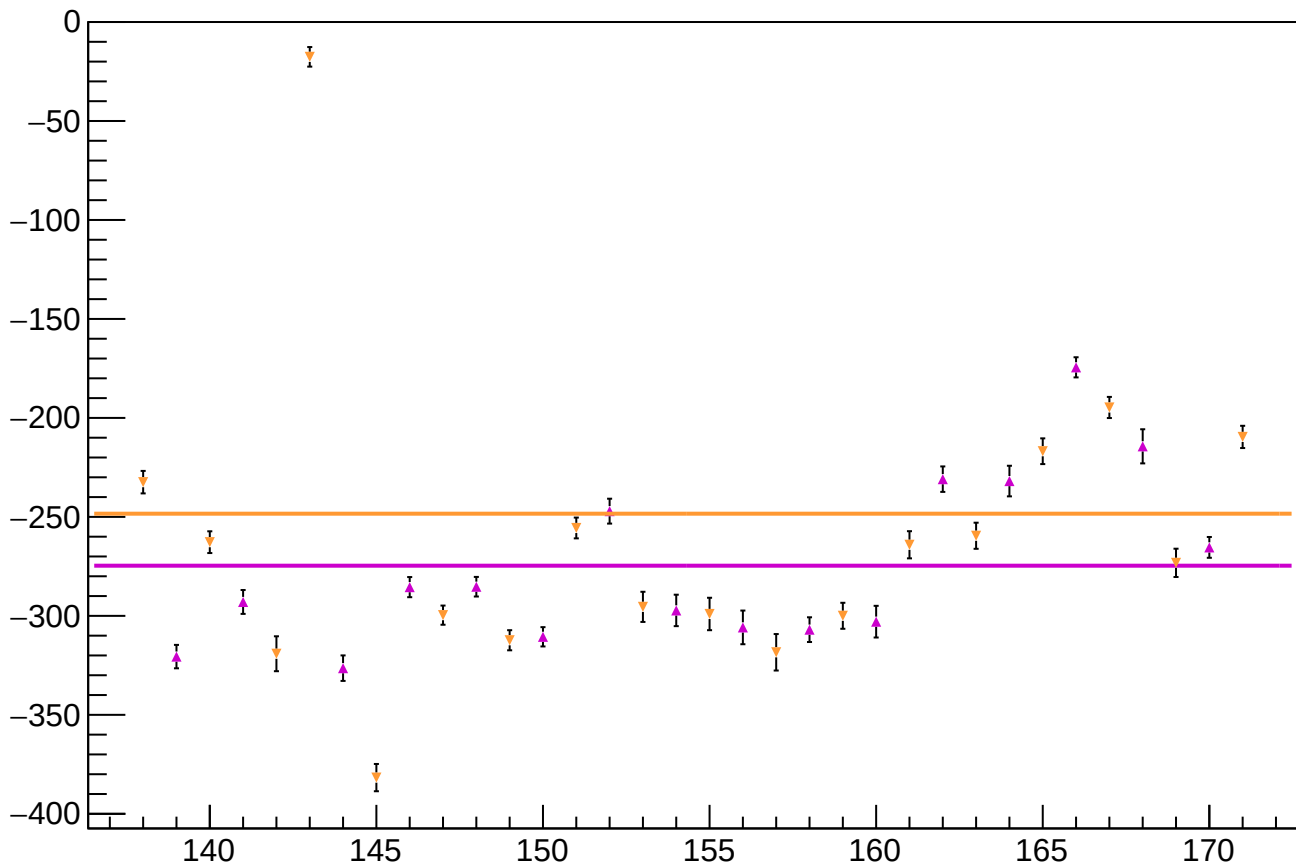
Left In: -263.755+/-0.097 χ^2/NDF : 20933.2/15

+ sign -259.150+/-0.082 χ^2/NDF : 224379.8/34

All: -256.049+/-0.058 χ^2/NDF : 393623.7/69

- sign -252.963+/-0.082 χ^2/NDF : 166372.7/34

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.385+/-1.447 χ^2/NDF : 3291.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

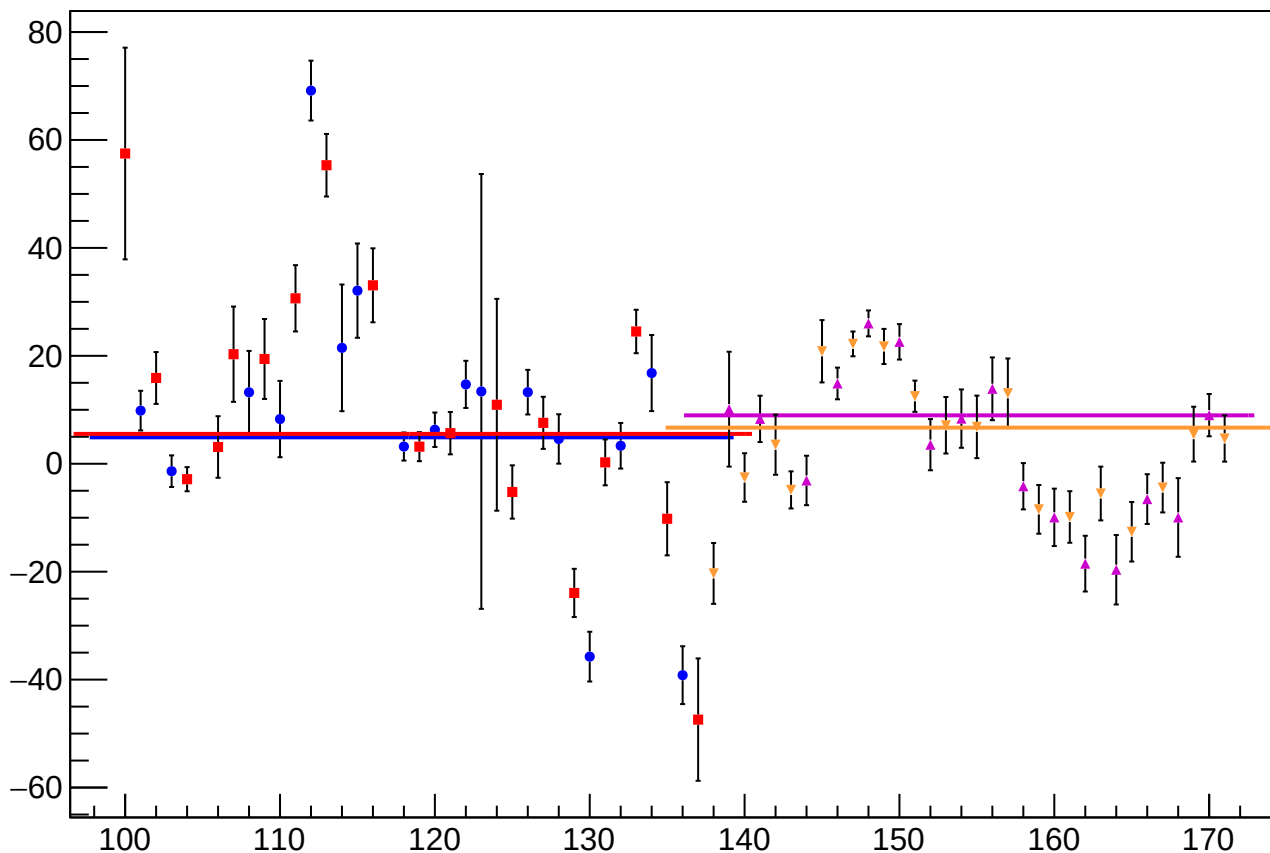
Left In: -274.655+/-1.530 χ^2/NDF : 794.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.784+/-1.051 χ^2/NDF : 4241.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 6.695 ± 0.986 χ^2/NDF : 164.4/17

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

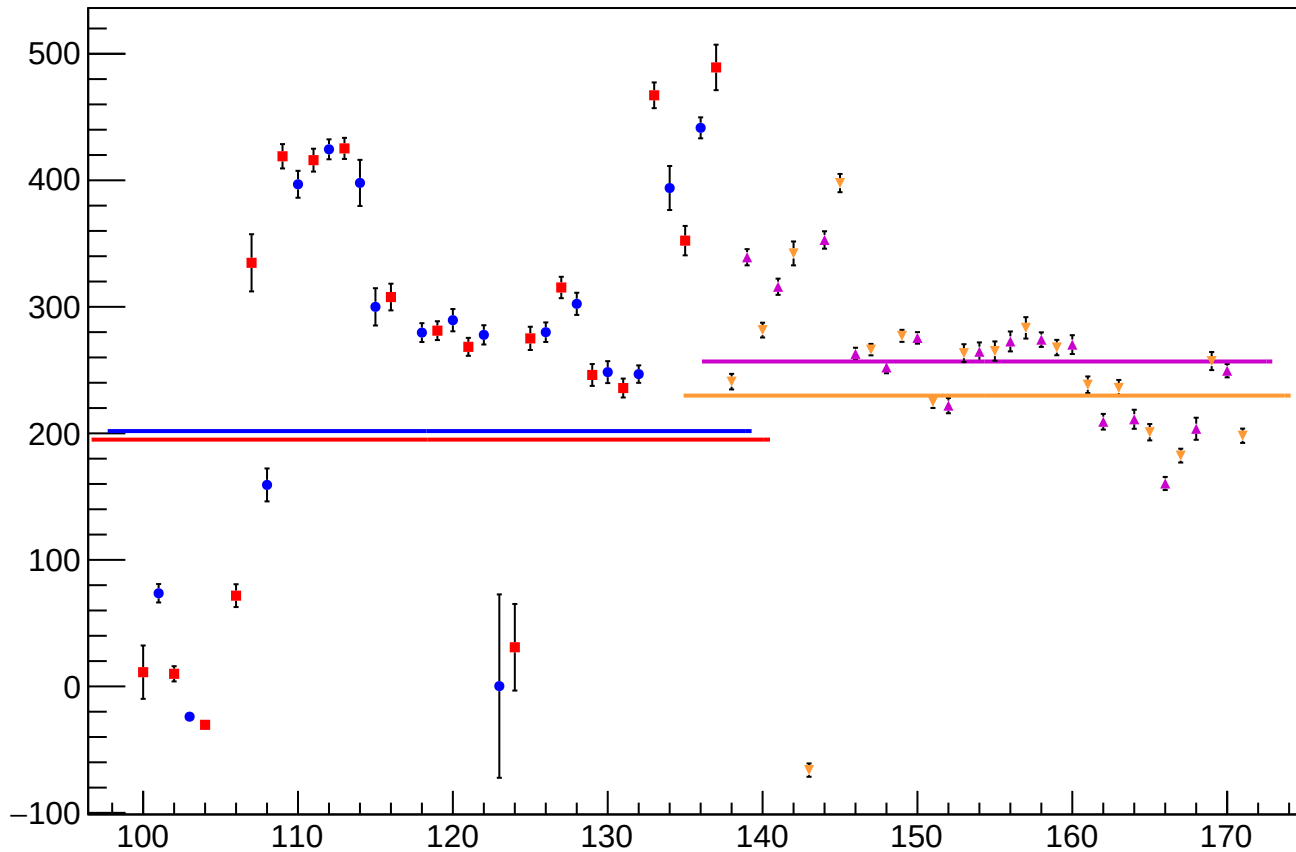
Left In: 8.971 ± 1.064 χ^2/NDF : 168.8/15

+ sign 5.885 ± 0.731 χ^2/NDF : 477.9/34

All: 6.552 ± 0.525 χ^2/NDF : 892.7/69

- sign 7.264 ± 0.755 χ^2/NDF : 413.1/34

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2/NDF : 6754.2/16

Left Out: 229.858 $\pm$ 1.429 χ^2/NDF : 4337.9/17

Right Out: 195.053 $\pm$ 1.924 χ^2/NDF : 8257.1/18

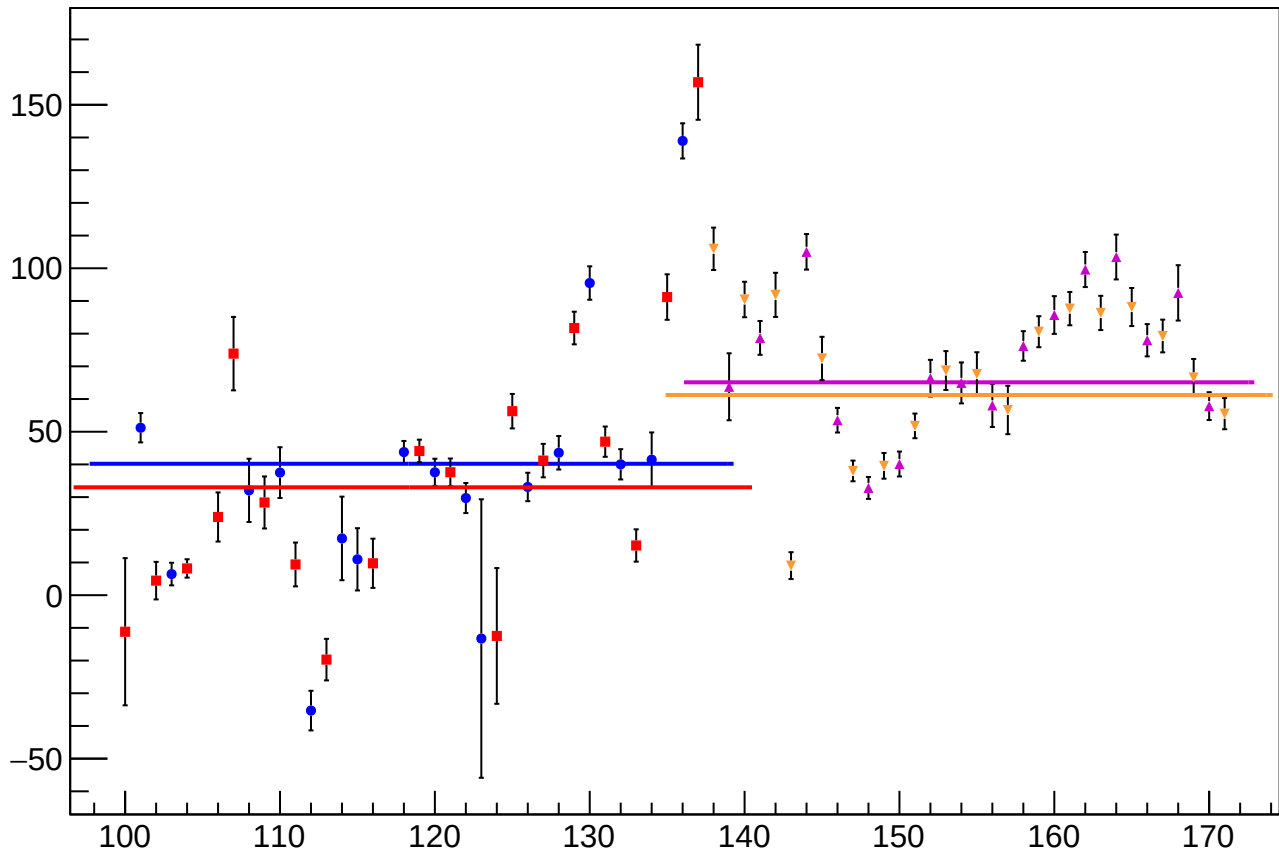
Left In: 256.804 $\pm$ 1.496 χ^2/NDF : 996.0/15

+ sign 220.186 $\pm$ 1.157 χ^2/NDF : 11224.9/34

All: 226.731 $\pm$ 0.826 χ^2/NDF : 21185.2/69

- sign 233.549 $\pm$ 1.181 χ^2/NDF : 9895.0/34

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 61.233+/-1.171 χ^2/NDF : 457.9/17

Right Out: 32.999+/-1.253 χ^2/NDF : 554.1/18

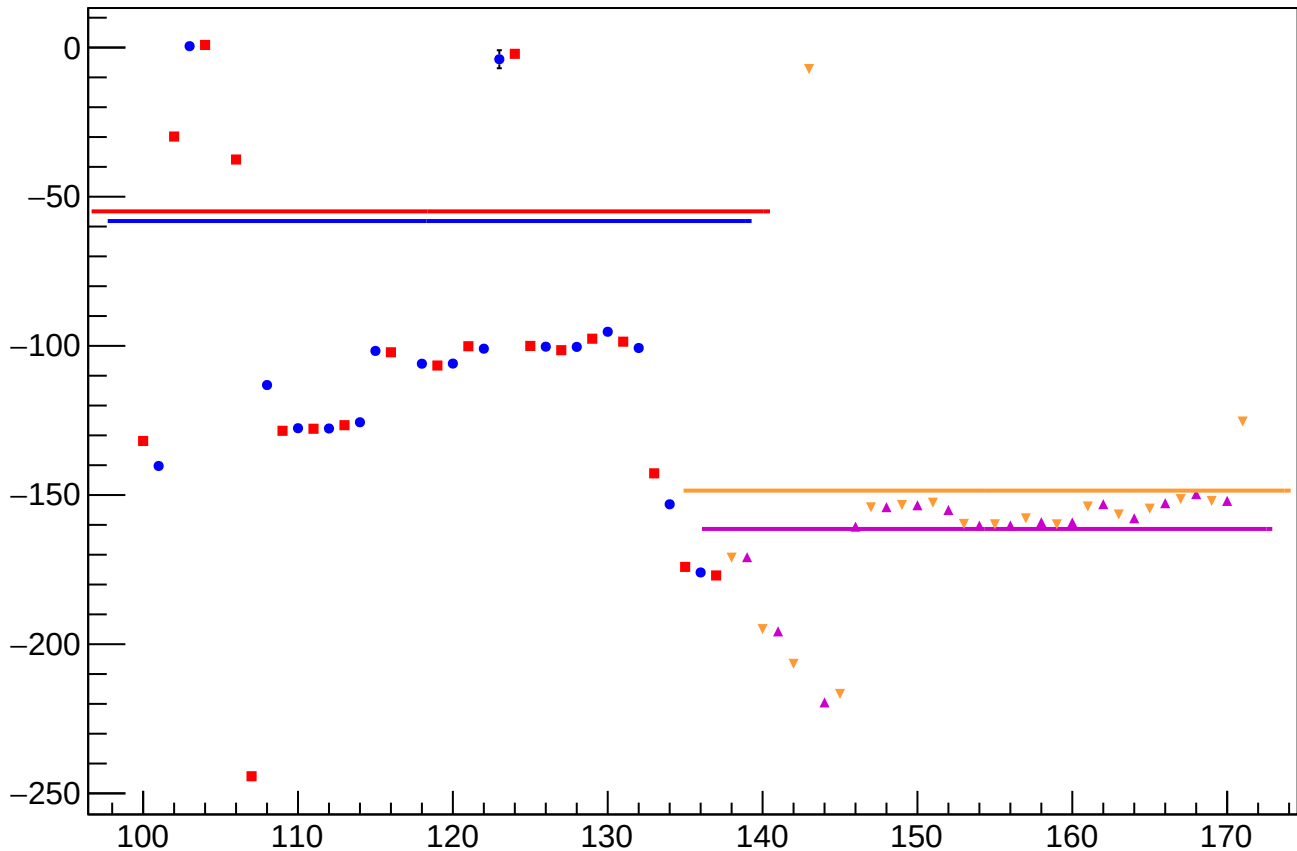
Left In: 65.115+/-1.256 χ^2/NDF : 318.4/15

+ sign 51.548+/-0.860 χ^2/NDF : 1341.5/34

All: 50.319+/-0.617 χ^2/NDF : 2546.0/69

- sign 49.013+/-0.887 χ^2/NDF : 1200.3/34

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 χ^2/NDF : 1105509.3/16

Left Out: -148.511 ± 0.057 χ^2/NDF : 594402.5/17

Right Out: -54.914 ± 0.060 χ^2/NDF : 1003885.5/18

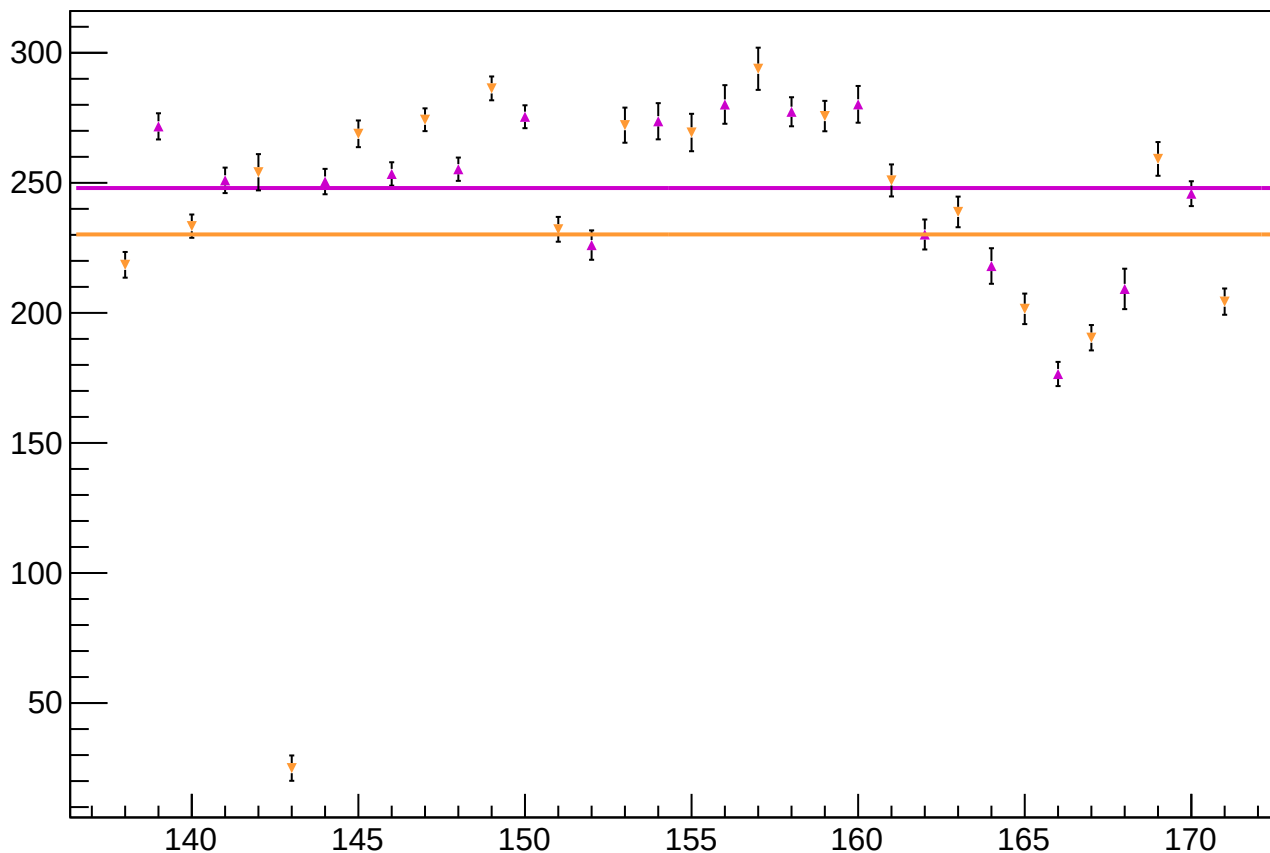
Left In: -161.362 ± 0.060 χ^2/NDF : 66625.6/15

+ sign -106.925 ± 0.042 χ^2/NDF : 2862225.2/34

All: -107.830 ± 0.030 χ^2/NDF : 5514197.3/69

- sign -108.760 ± 0.042 χ^2/NDF : 2651020.7/34

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 230.170+/-1.280 χ^2/NDF : 2441.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

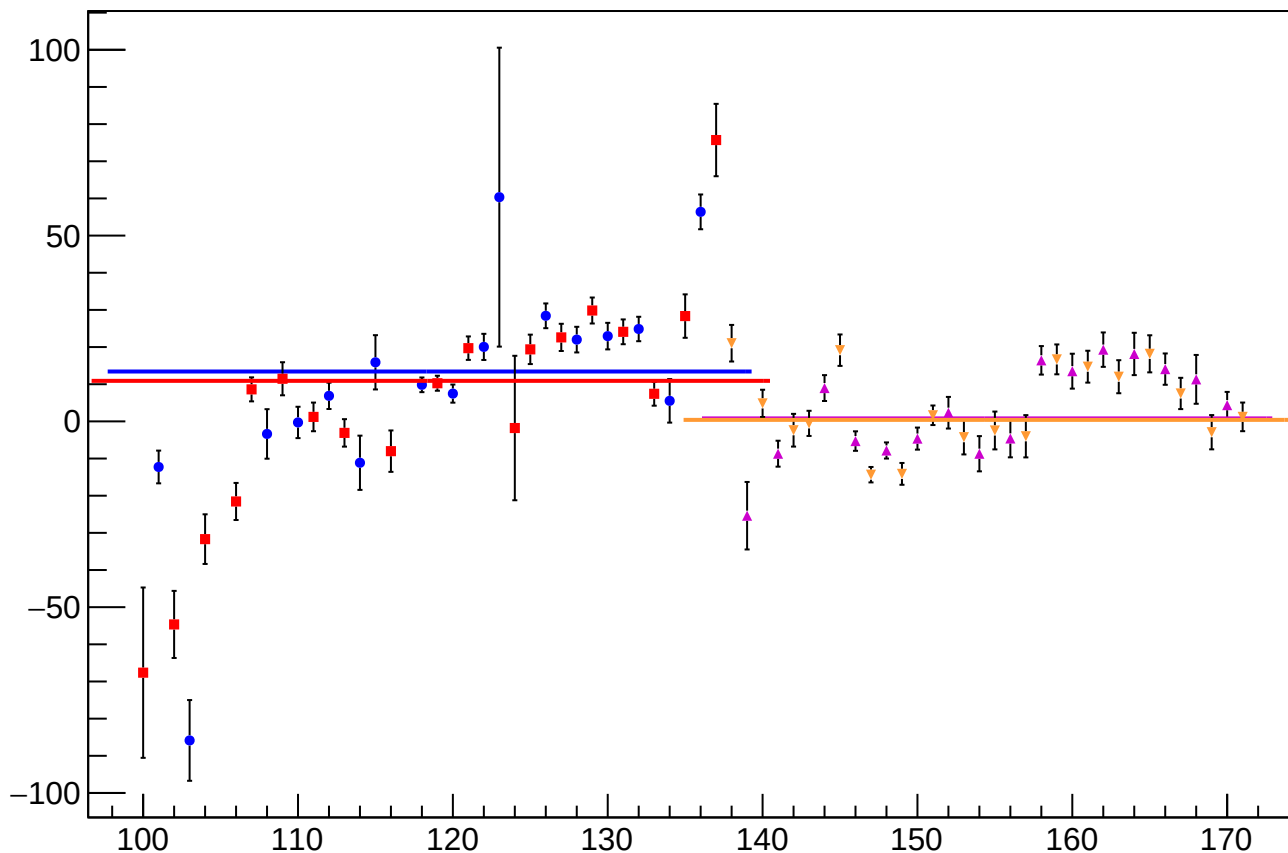
Left In: 248.004+/-1.343 χ^2/NDF : 451.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.660+/-0.927 χ^2/NDF : 2985.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 0.406+/-0.878 χ^2/NDF : 166.7/17

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

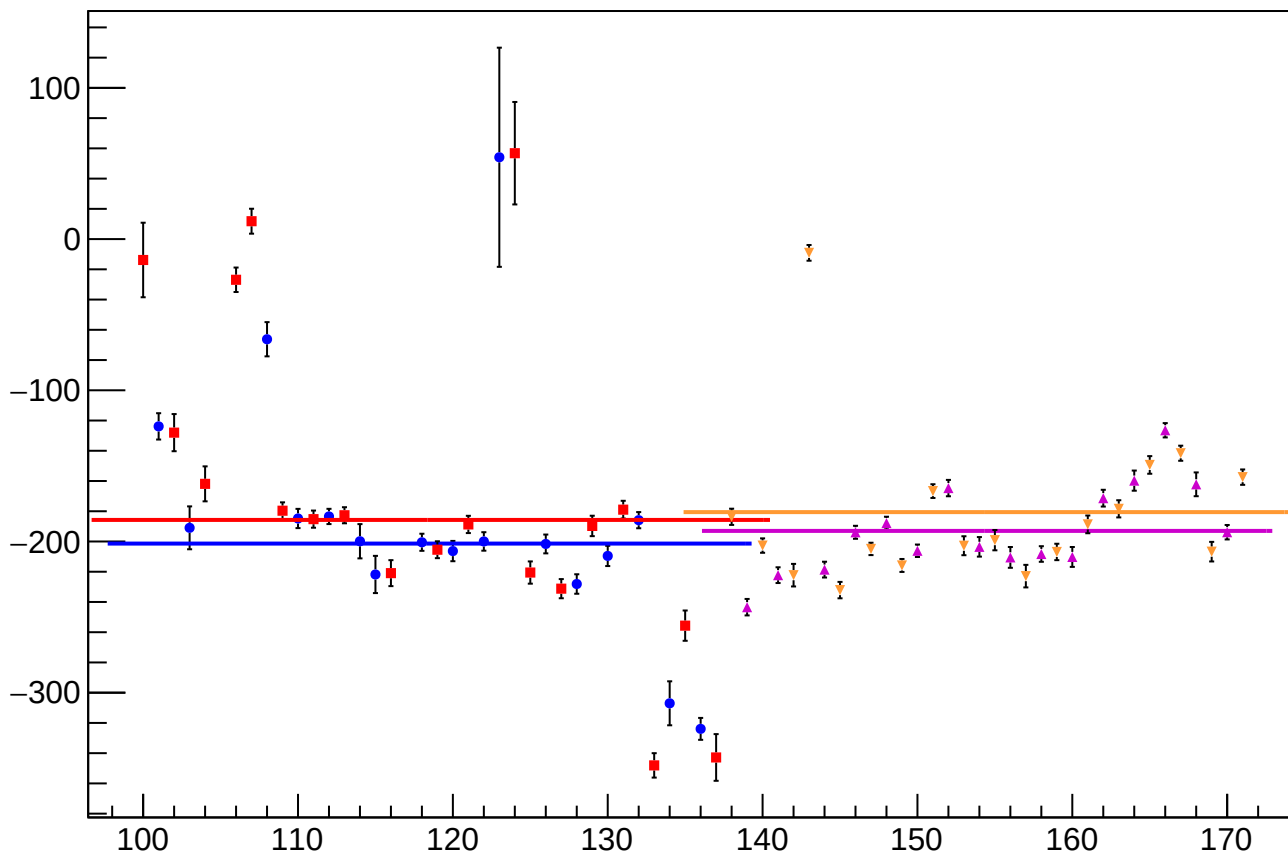
Left In: 0.803+/-0.939 χ^2/NDF : 113.7/15

+ sign 6.616+/-0.635 χ^2/NDF : 566.7/34

All: 6.307+/-0.456 χ^2/NDF : 1042.9/69

- sign 5.978+/-0.656 χ^2/NDF : 475.7/34

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -180.572 ± 1.268 χ^2/NDF : 1548.4/17

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

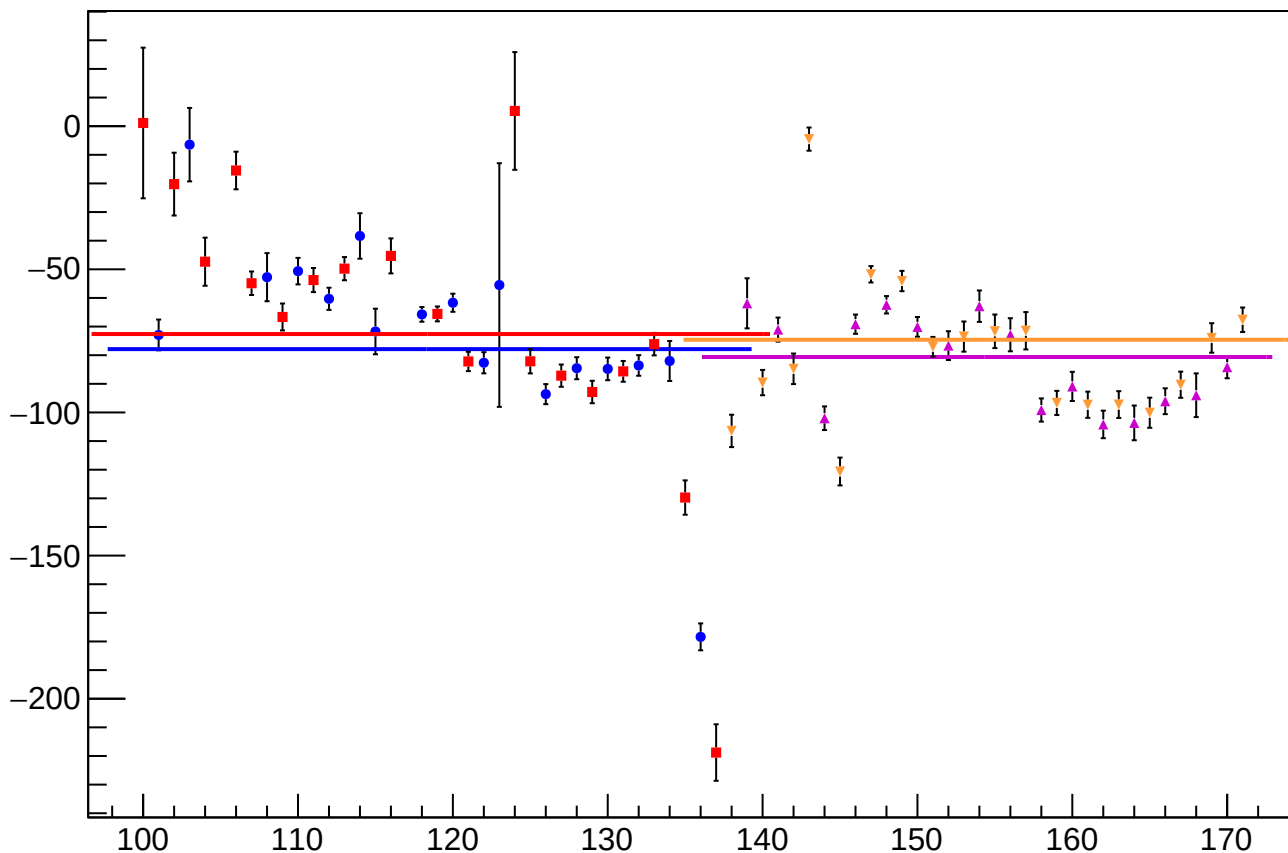
Left In: -192.998 ± 1.317 χ^2/NDF : 458.1/15

+ sign -187.579 ± 1.033 χ^2/NDF : 2262.6/34

All: -188.916 ± 0.733 χ^2/NDF : 4484.8/69

- sign -190.276 ± 1.041 χ^2/NDF : 2218.8/34

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -74.598 ± 1.041 $\chi^2/\text{NDF}: 648.1/17$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

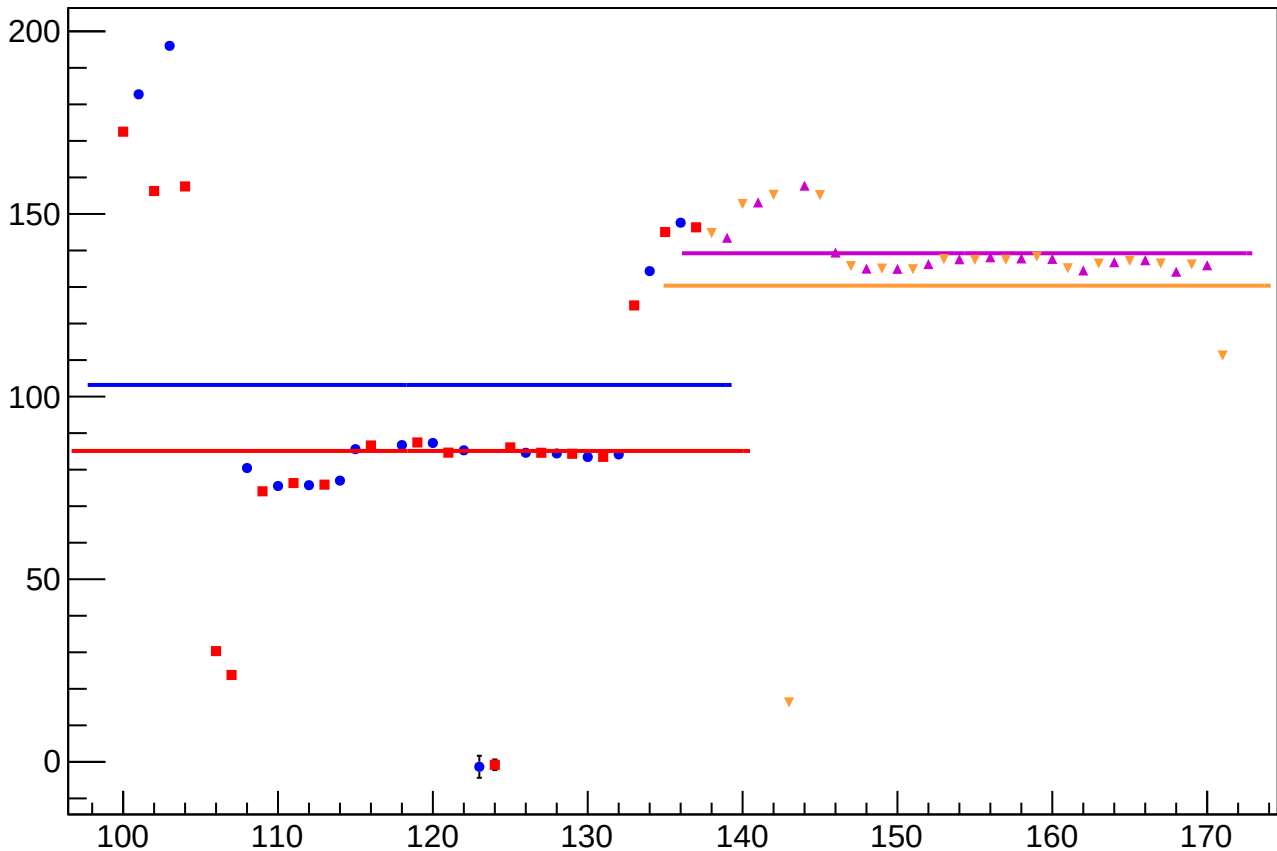
Left In: -80.632 ± 1.107 $\chi^2/\text{NDF}: 185.6/15$

+ sign -76.200 ± 0.745 $\chi^2/\text{NDF}: 1311.1/34$

All: -76.309 ± 0.533 $\chi^2/\text{NDF}: 2131.1/69$

- sign -76.423 ± 0.763 $\chi^2/\text{NDF}: 820.0/34$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 130.371 $\pm$ 0.050 χ^2 /NDF: 358625.9/17

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

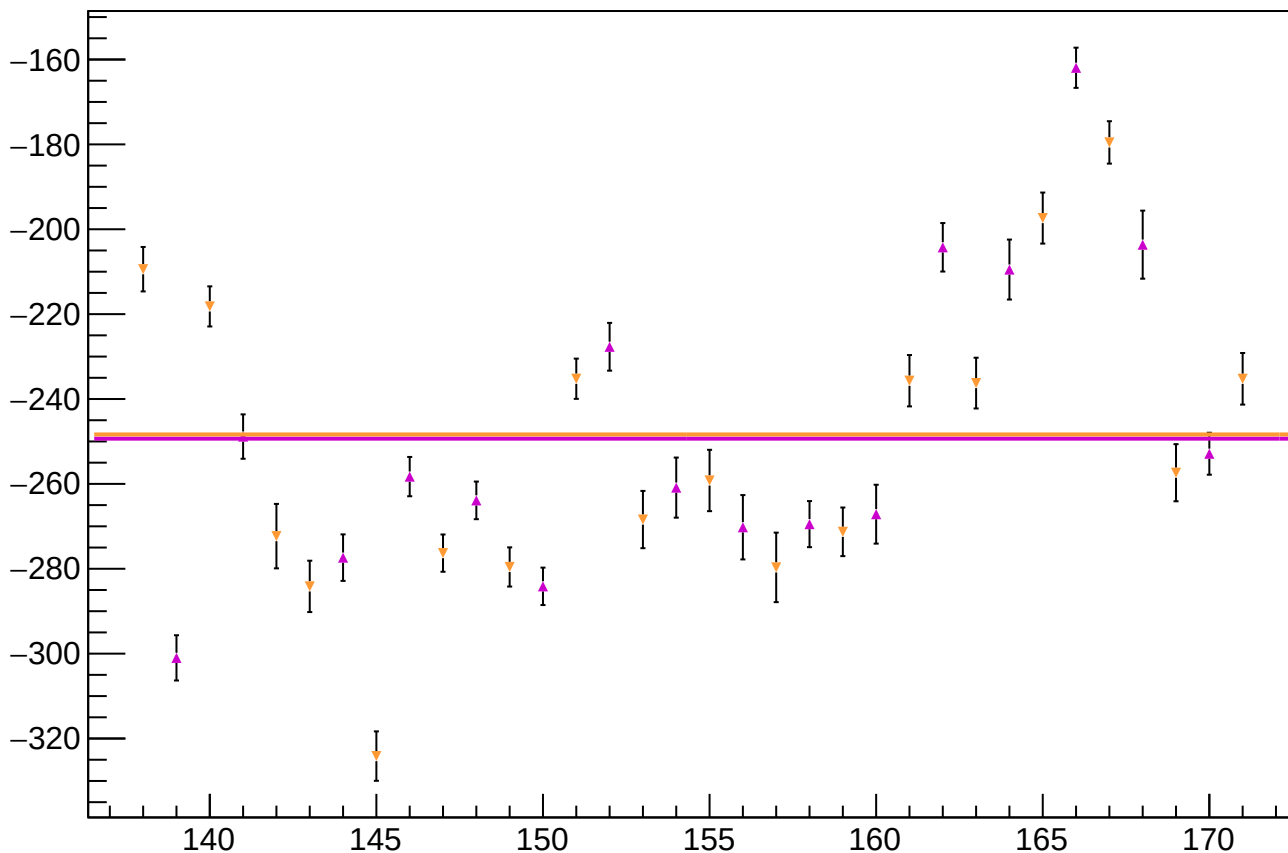
Left In: 139.243 $\pm$ 0.052 χ^2 /NDF: 14188.6/15

+ sign 121.149 $\pm$ 0.041 χ^2 /NDF: 730906.0/34

All: 119.253 $\pm$ 0.029 χ^2 /NDF: 1603068.6/69

- sign 117.402 $\pm$ 0.040 χ^2 /NDF: 867931.6/34

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.348+/-1.340 χ^2/NDF : 722.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

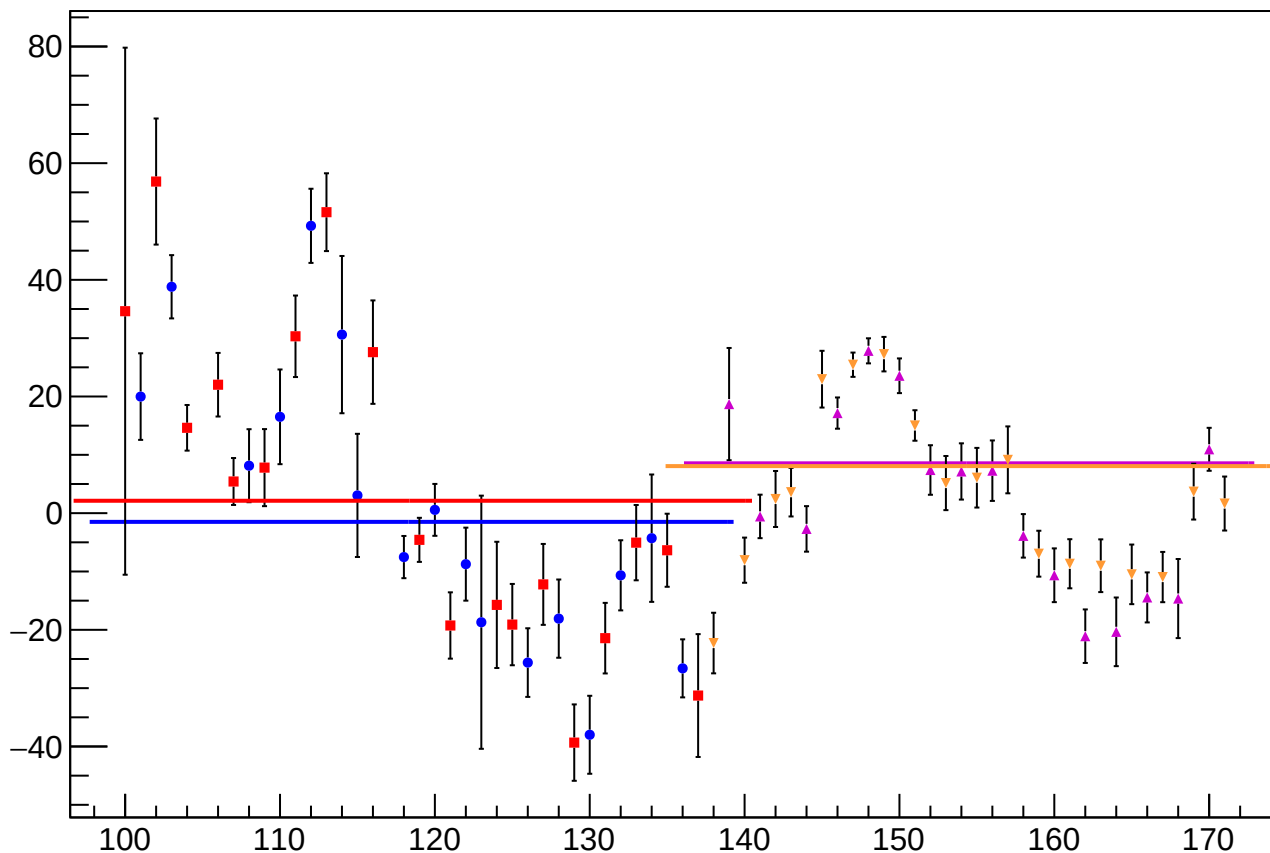
Left In: -249.339+/-1.375 χ^2/NDF : 709.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.831+/-0.959 χ^2/NDF : 1432.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: 8.067 ± 0.910 χ^2/NDF : 263.0/17

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

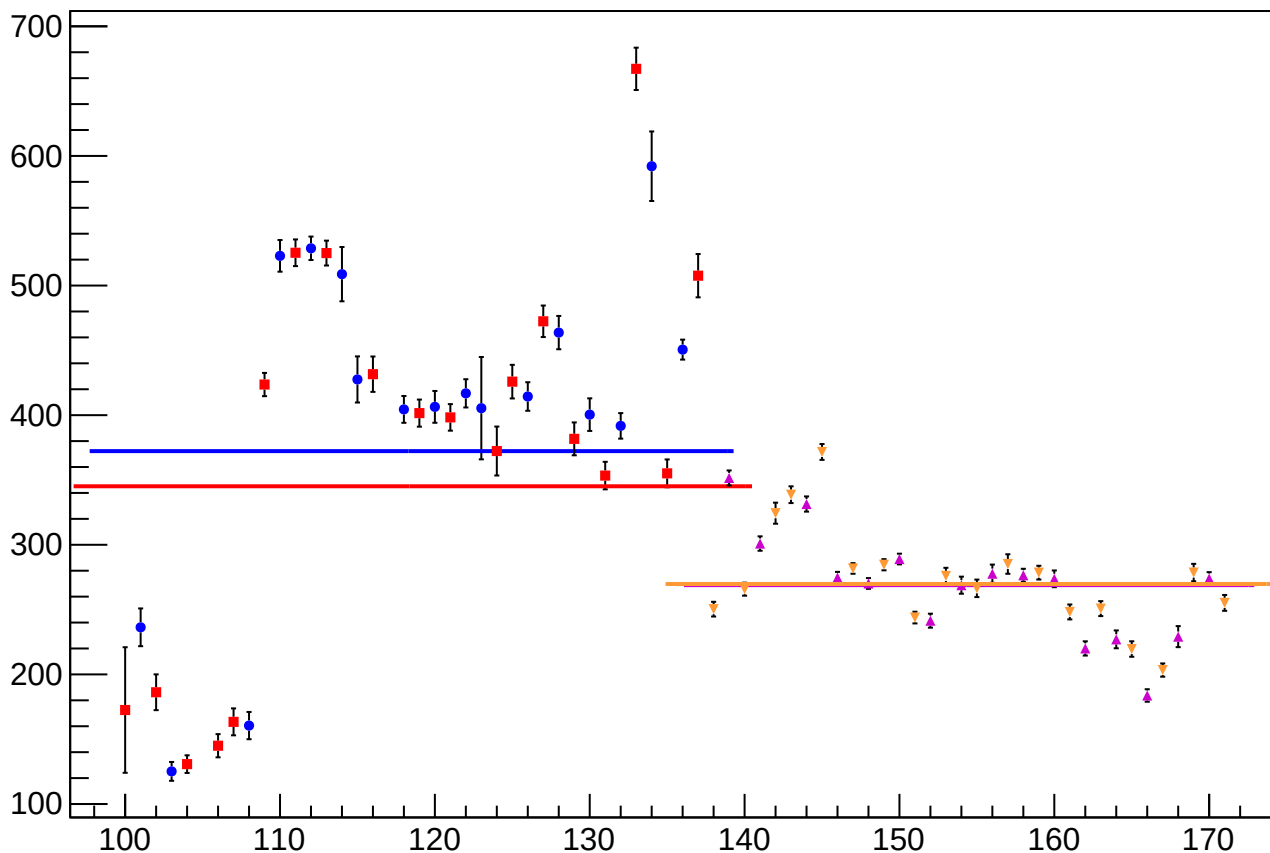
Left In: 8.543 ± 0.954 χ^2/NDF : 267.0/15

+ sign 5.526 ± 0.780 χ^2/NDF : 518.4/34

All: 6.014 ± 0.555 χ^2/NDF : 1033.2/69

- sign 6.512 ± 0.789 χ^2/NDF : 513.9/34

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 269.756 $\pm$ 1.320 χ^2 /NDF: 781.9/17

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

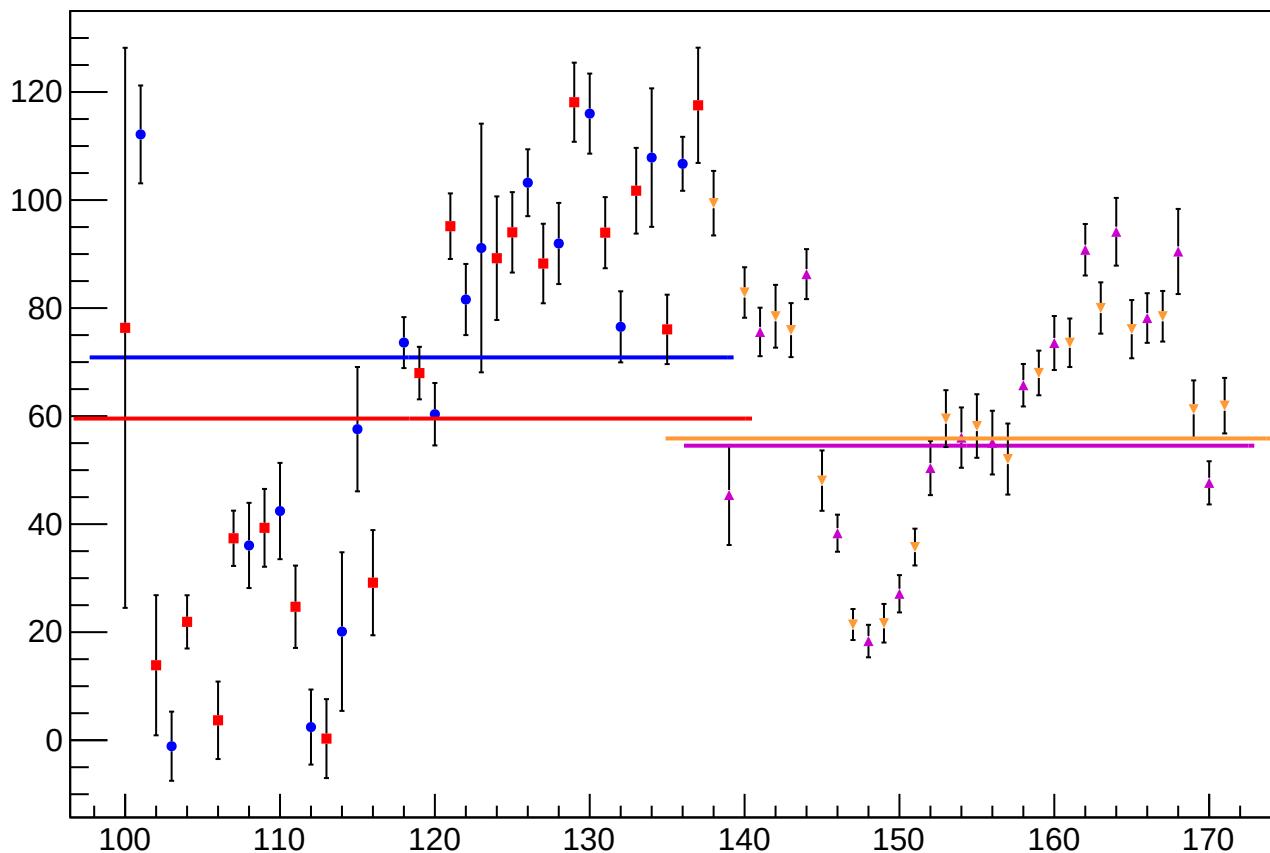
Left In: 268.863 $\pm$ 1.344 χ^2 /NDF: 860.9/15

+ sign 288.836 $\pm$ 1.191 χ^2 /NDF: 4338.1/34

All: 287.073 $\pm$ 0.842 χ^2 /NDF: 9314.9/69

- sign 285.313 $\pm$ 1.190 χ^2 /NDF: 4972.4/34

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 55.861 $\pm$ 1.082 χ^2 /NDF: 481.1/17

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

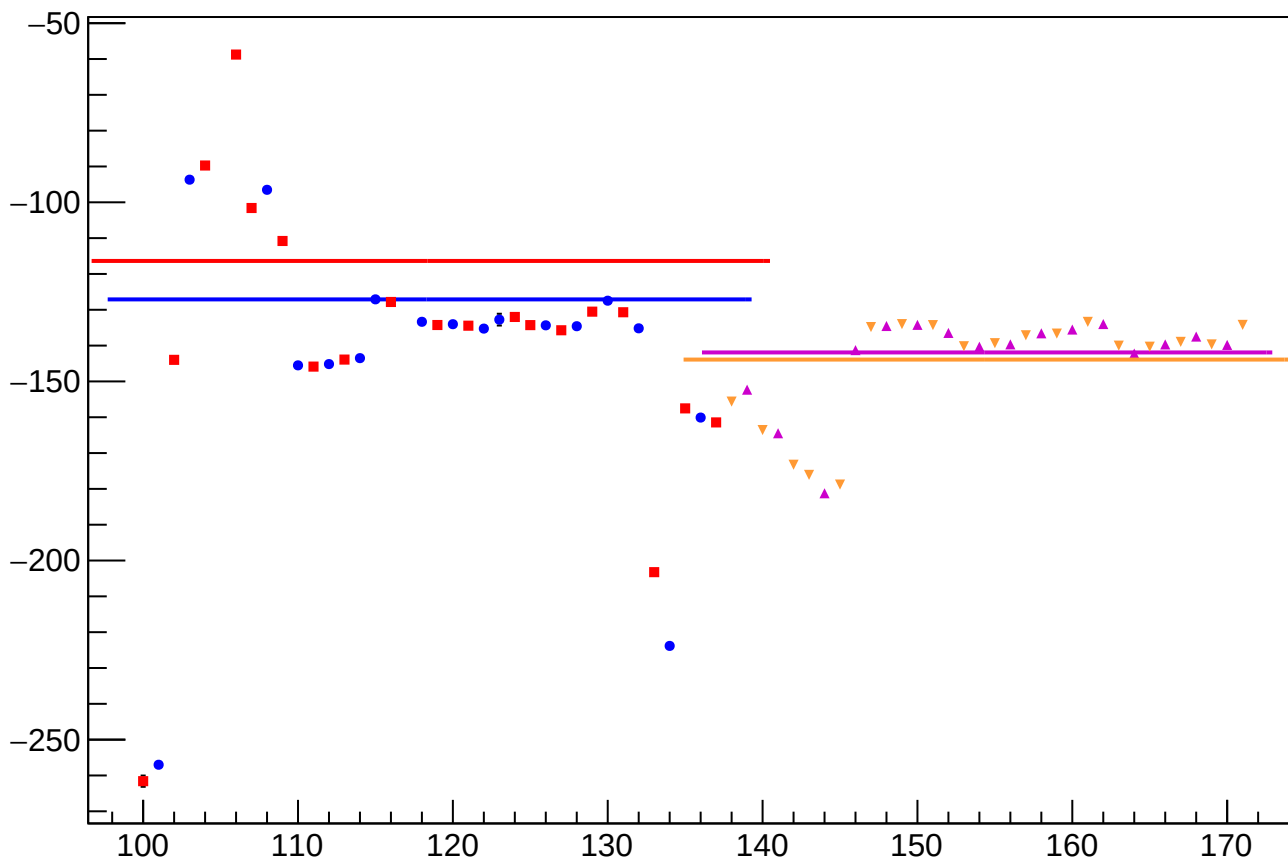
Left In: 54.525 $\pm$ 1.126 χ^2 /NDF: 471.5/15

+ sign 60.034 $\pm$ 0.919 χ^2 /NDF: 961.6/34

All: 58.106 $\pm$ 0.653 χ^2 /NDF: 1939.3/69

- sign 56.144 $\pm$ 0.927 χ^2 /NDF: 968.8/34

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 $\pm$ 0.089 χ^2 /NDF: 167064.7/16

Left Out: -143.903 $\pm$ 0.053 χ^2 /NDF: 71017.3/17

Right Out: -116.369 $\pm$ 0.083 χ^2 /NDF: 167595.6/18

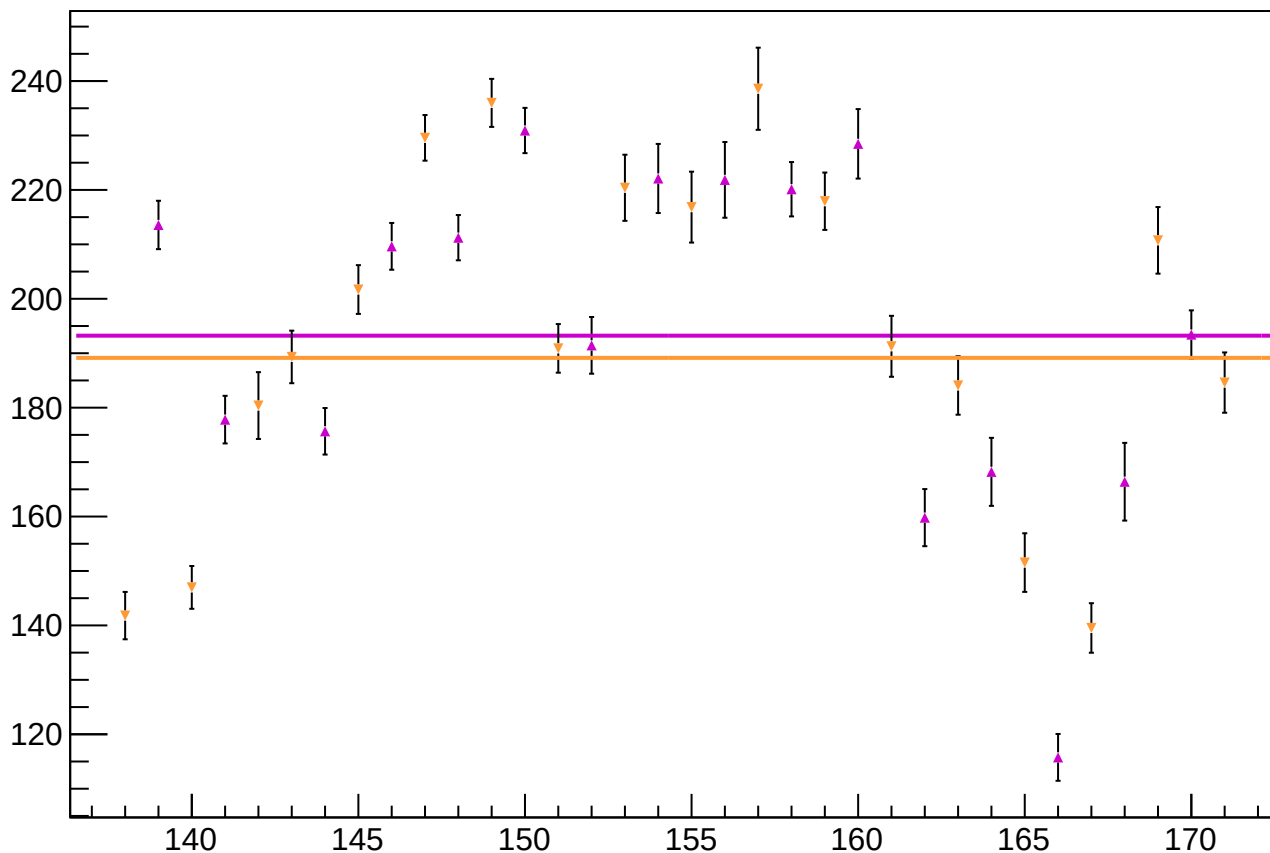
Left In: -141.910 $\pm$ 0.053 χ^2 /NDF: 43993.5/15

+ sign -139.587 $\pm$ 0.045 χ^2 /NDF: 264297.3/34

All: -136.978 $\pm$ 0.032 χ^2 /NDF: 549486.0/69

- sign -134.417 $\pm$ 0.045 χ^2 /NDF: 278625.7/34

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 189.150+/-1.188 χ^2/NDF : 748.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

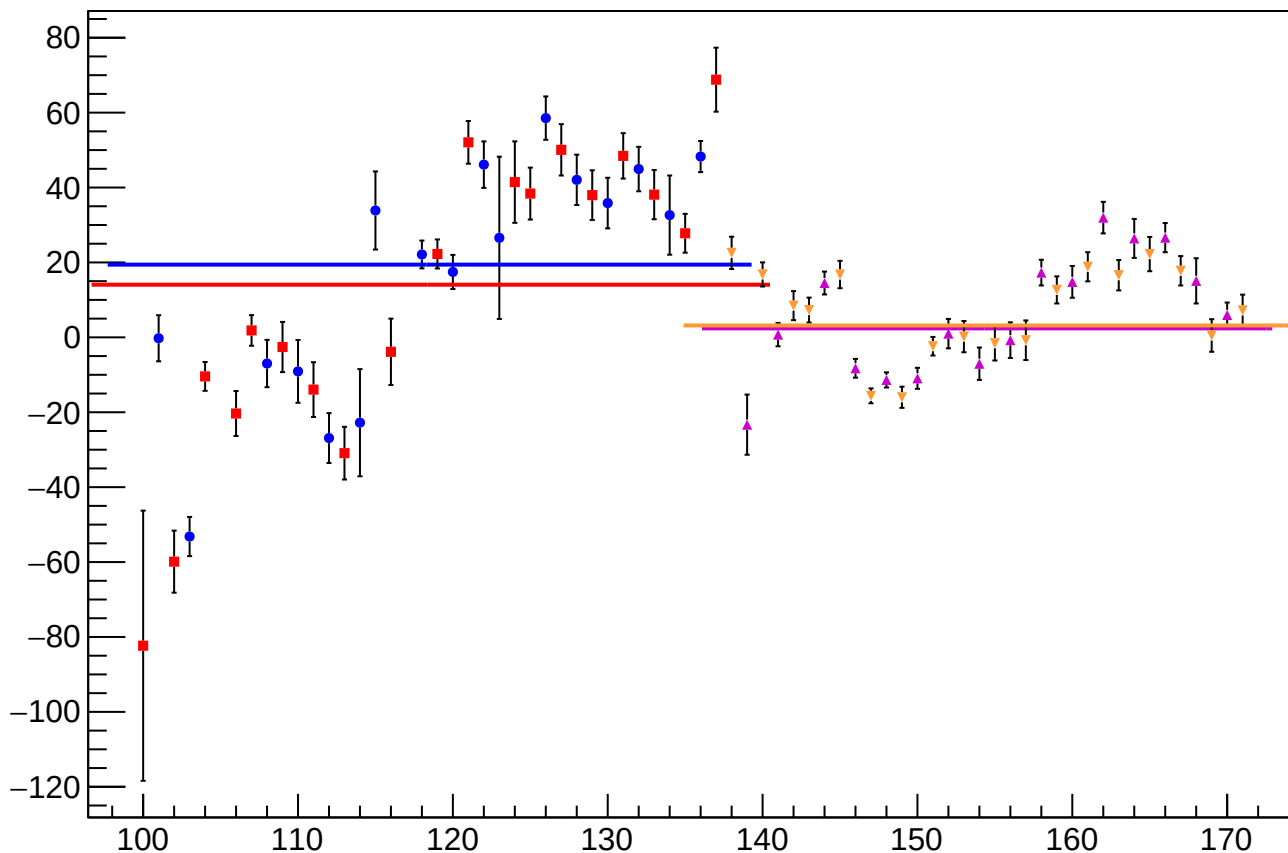
Left In: 193.225+/-1.230 χ^2/NDF : 658.1/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.117+/-0.855 χ^2/NDF : 1412.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 3.178 ± 0.819 χ^2/NDF : 264.7/17

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

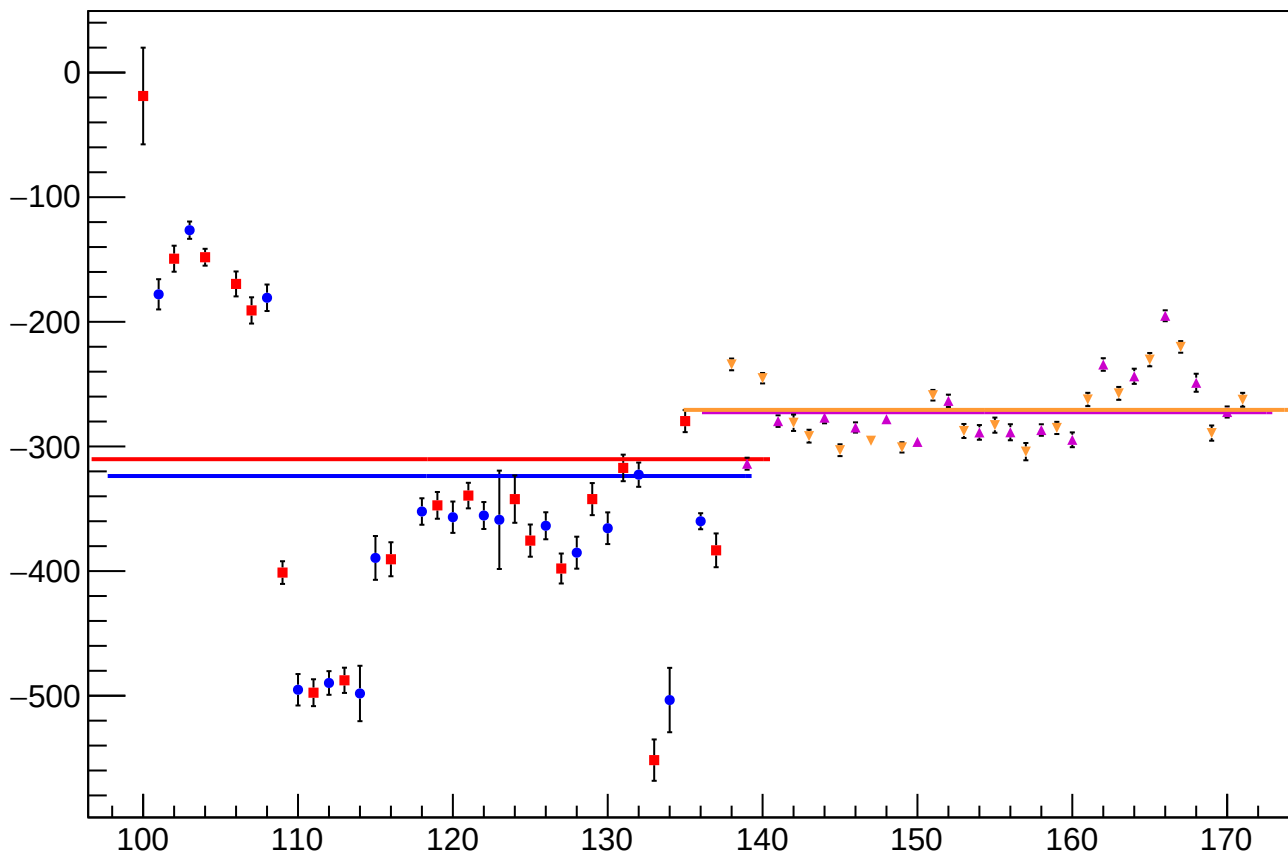
Left In: 2.392 ± 0.864 χ^2/NDF : 261.1/15

+ sign 6.989 ± 0.717 χ^2/NDF : 797.9/34

All: 6.329 ± 0.513 χ^2/NDF : 1547.9/69

- sign 5.636 ± 0.734 χ^2/NDF : 748.3/34

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -270.659 ± 1.178 χ^2/NDF : 503.1/17

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

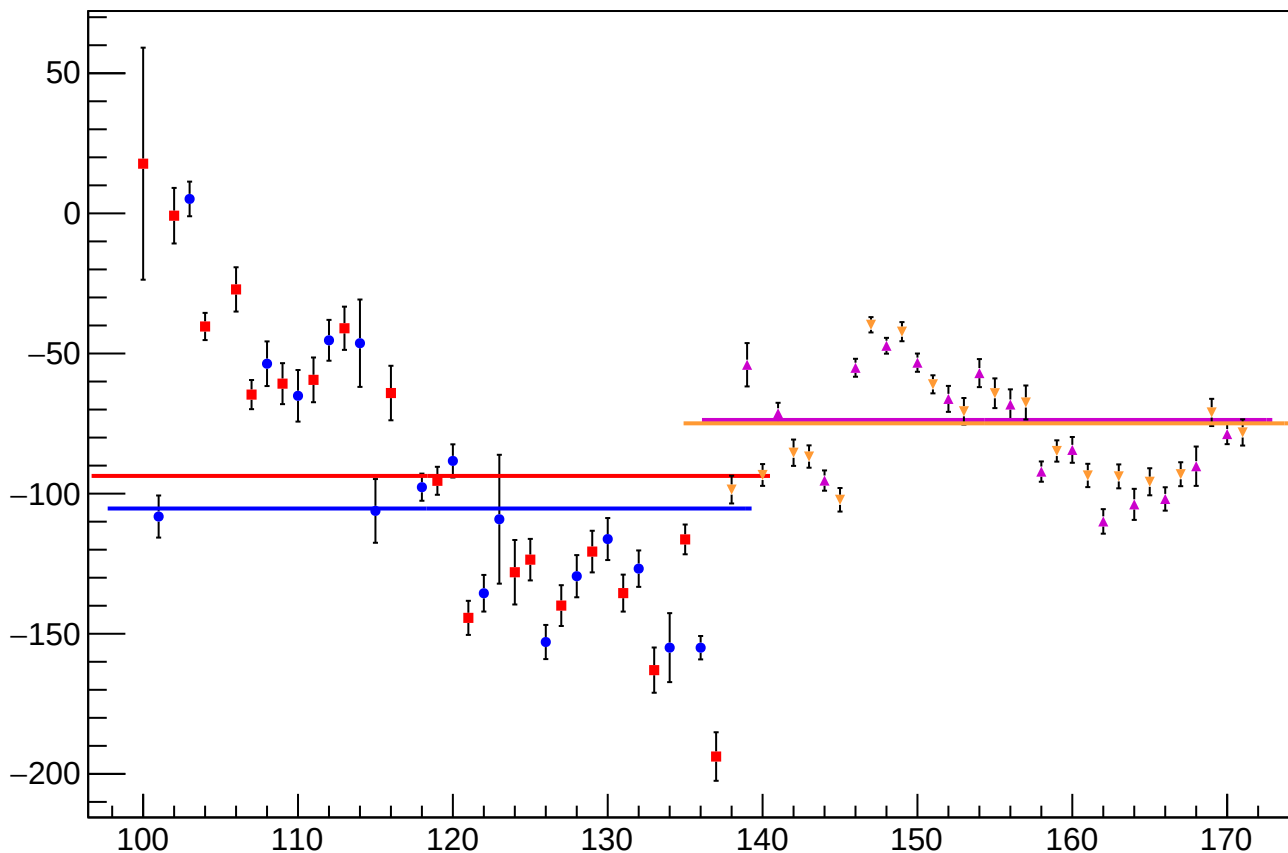
Left In: -272.534 ± 1.208 χ^2/NDF : 568.8/15

+ sign -279.319 ± 1.078 χ^2/NDF : 2684.9/34

All: -279.442 ± 0.766 χ^2/NDF : 5735.2/69

- sign -279.567 ± 1.090 χ^2/NDF : 3050.3/34

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -74.919 ± 0.970 χ^2/NDF : 467.3/17

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

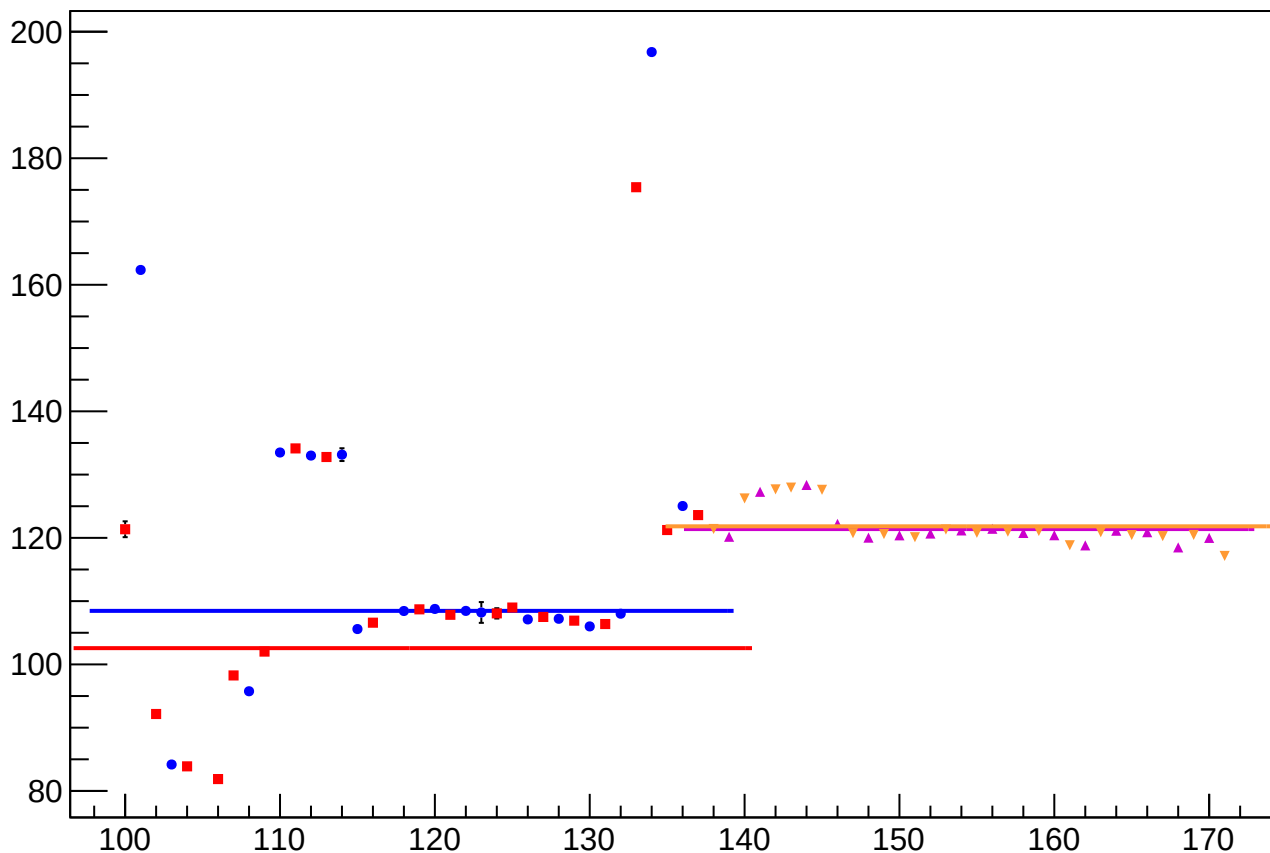
Left In: -73.712 ± 1.018 χ^2/NDF : 401.0/15

+ sign -82.431 ± 0.842 χ^2/NDF : 1447.3/34

All: -80.951 ± 0.602 χ^2/NDF : 2790.9/69

- sign -79.405 ± 0.861 χ^2/NDF : 1337.3/34

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 121.824 ± 0.047 $\chi^2/\text{NDF}: 4085.4/17$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

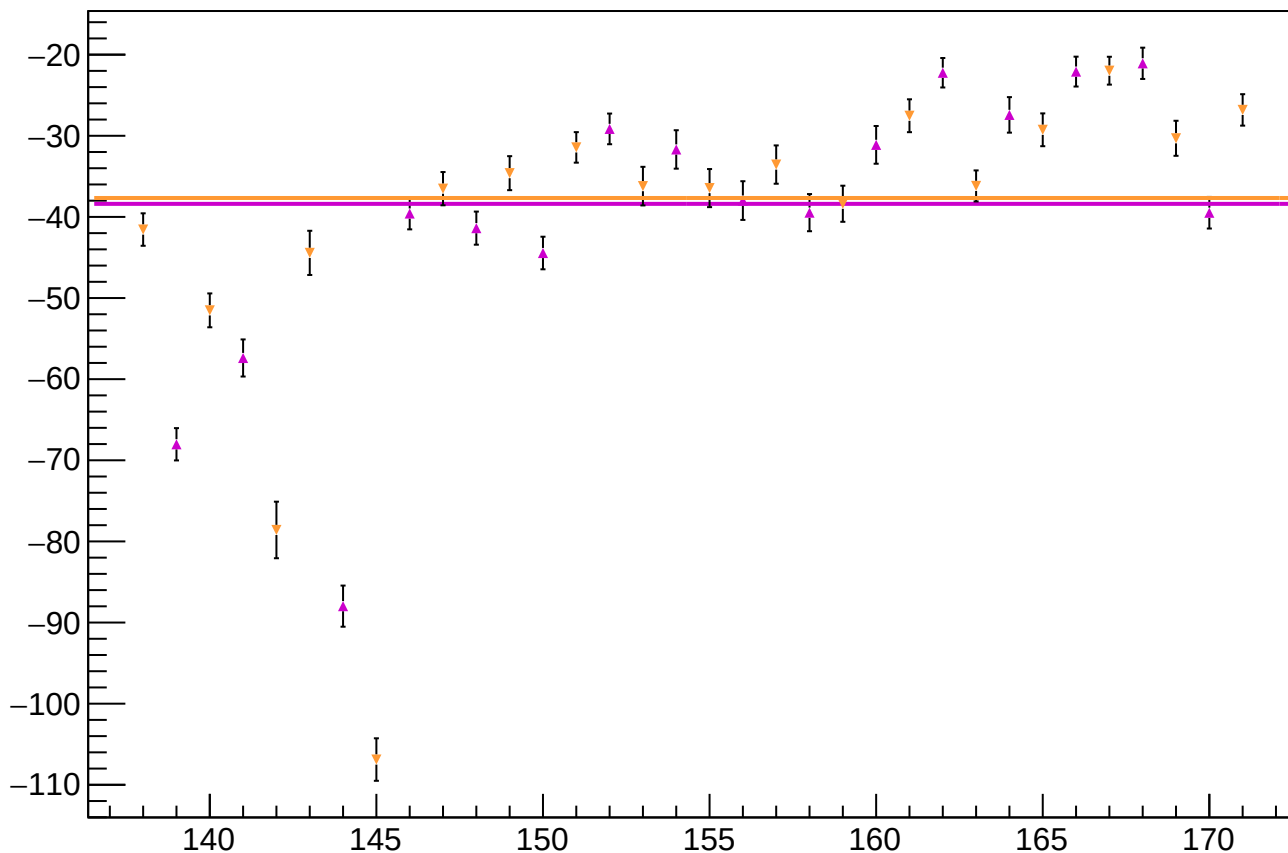
Left In: 121.390 ± 0.048 $\chi^2/\text{NDF}: 2779.1/15$

+ sign 118.690 ± 0.041 $\chi^2/\text{NDF}: 96434.3/34$

All: 117.525 ± 0.029 $\chi^2/\text{NDF}: 195065.9/69$

- sign 116.356 ± 0.041 $\chi^2/\text{NDF}: 97015.5/34$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.667+/-0.506 χ^2/NDF :1076.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

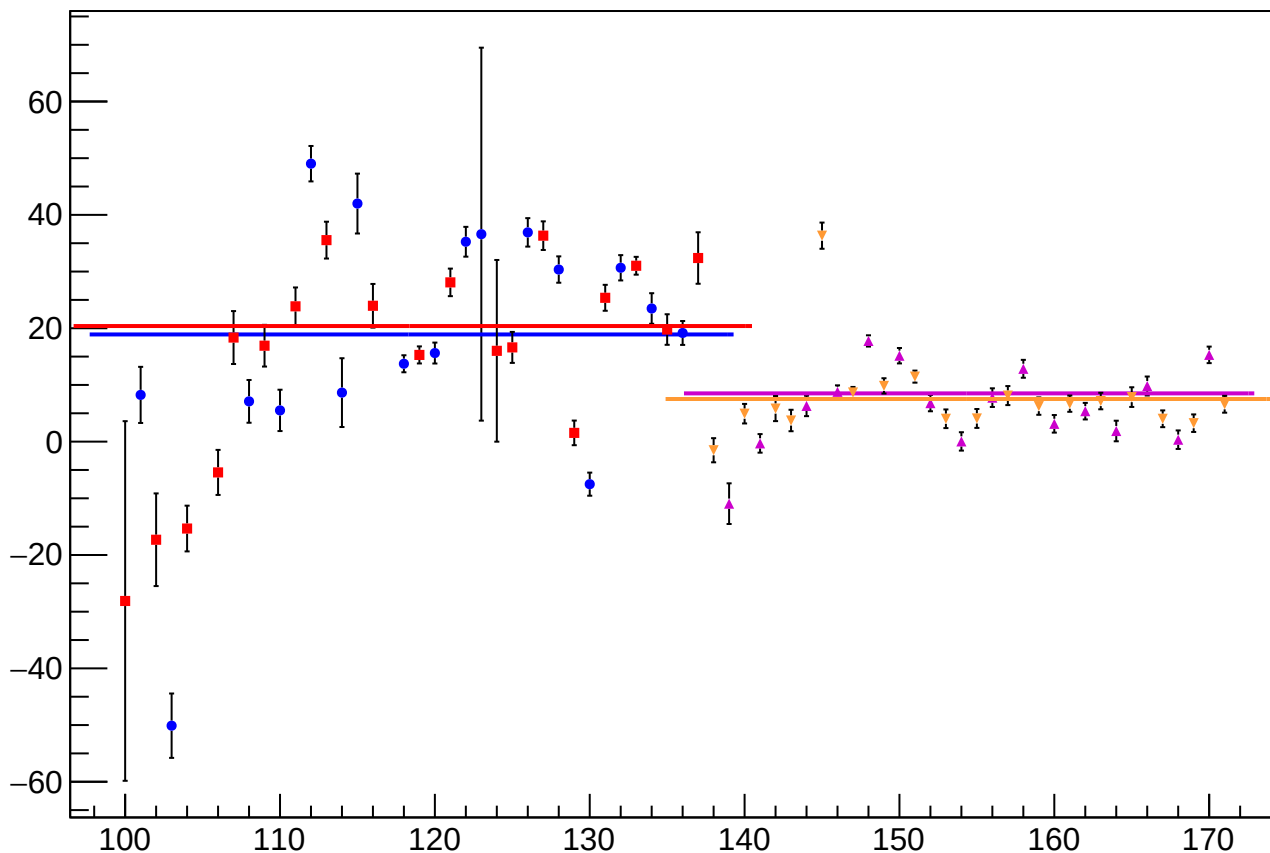
Left In: -38.391+/-0.520 χ^2/NDF :990.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.019+/-0.363 χ^2/NDF : 2068.4/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 $\chi^2/\text{NDF}: 618.9/16$

Left Out: 7.519 ± 0.357 $\chi^2/\text{NDF}: 222.0/17$

Right Out: 20.390 ± 0.644 $\chi^2/\text{NDF}: 365.3/18$

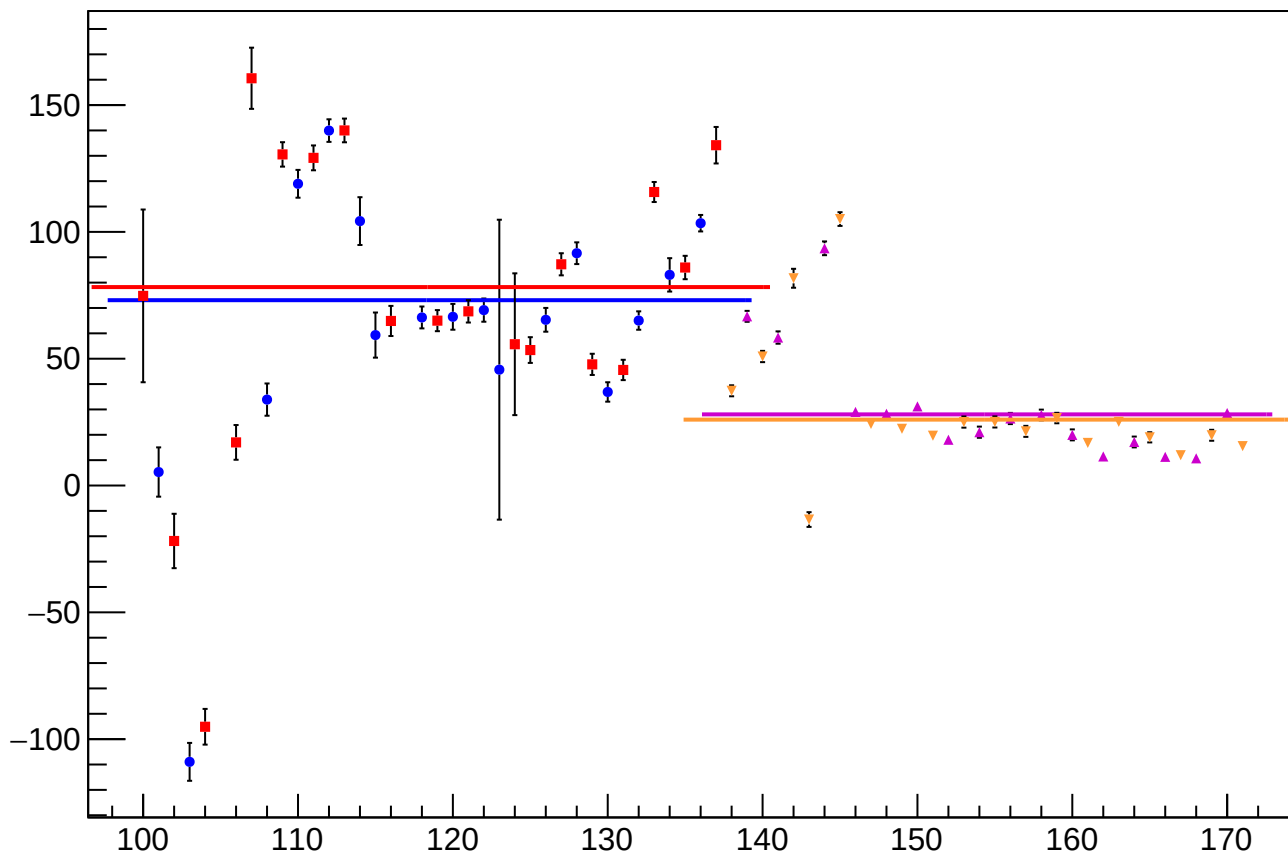
Left In: 8.511 ± 0.375 $\chi^2/\text{NDF}: 284.5/15$

+ sign 10.199 ± 0.312 $\chi^2/\text{NDF}: 1080.4/34$

All: 10.835 ± 0.225 $\chi^2/\text{NDF}: 1993.0/69$

- sign 11.521 ± 0.324 $\chi^2/\text{NDF}: 904.0/34$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 25.979 $\pm$ 0.497 χ^2 /NDF:1571.8/17

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

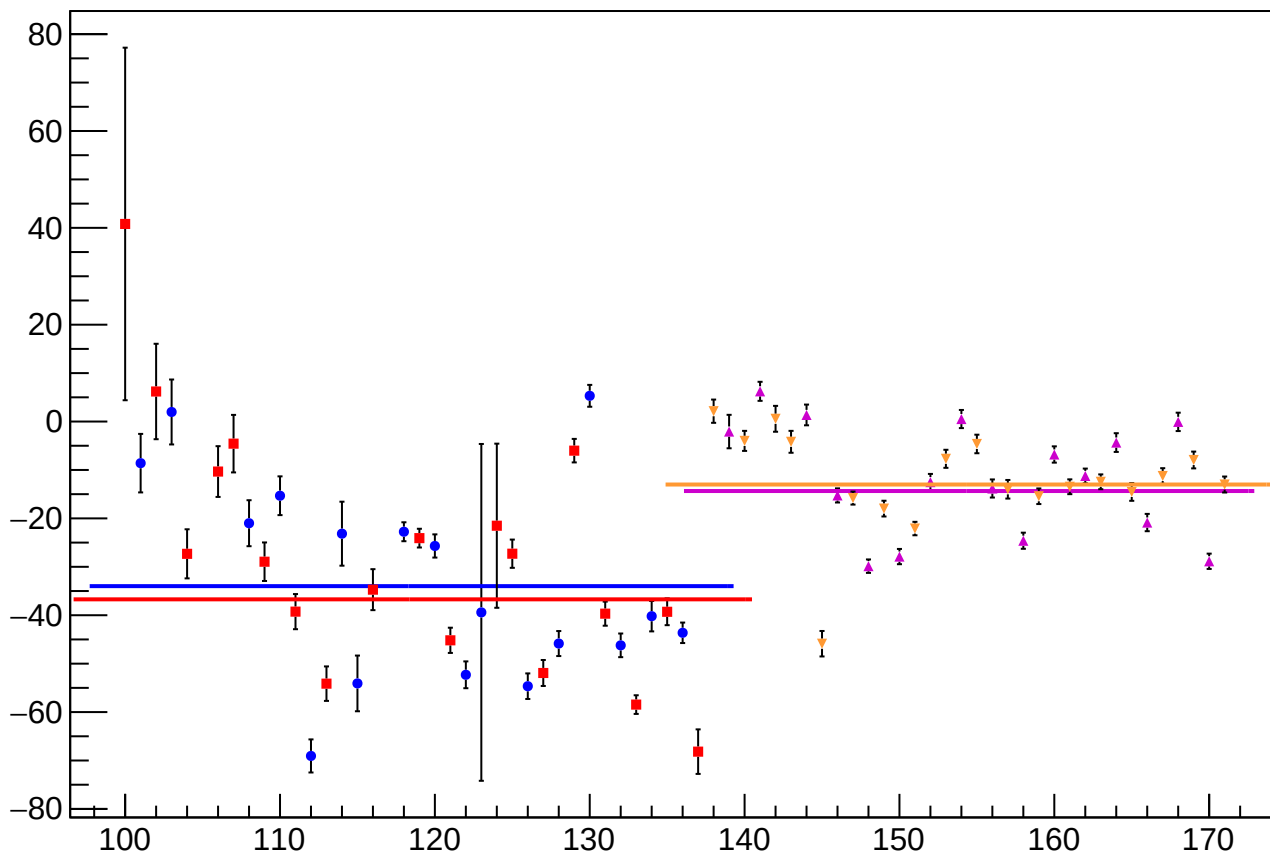
Left In: 28.049 $\pm$ 0.508 χ^2 /NDF:1393.5/15

+ sign 32.605 $\pm$ 0.461 χ^2 /NDF: 4035.8/34

All: 33.997 $\pm$ 0.329 χ^2 /NDF: 8427.8/69

- sign 35.442 $\pm$ 0.469 χ^2 /NDF: 4373.4/34

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.007 ± 0.415 χ^2/NDF : 353.0/17

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

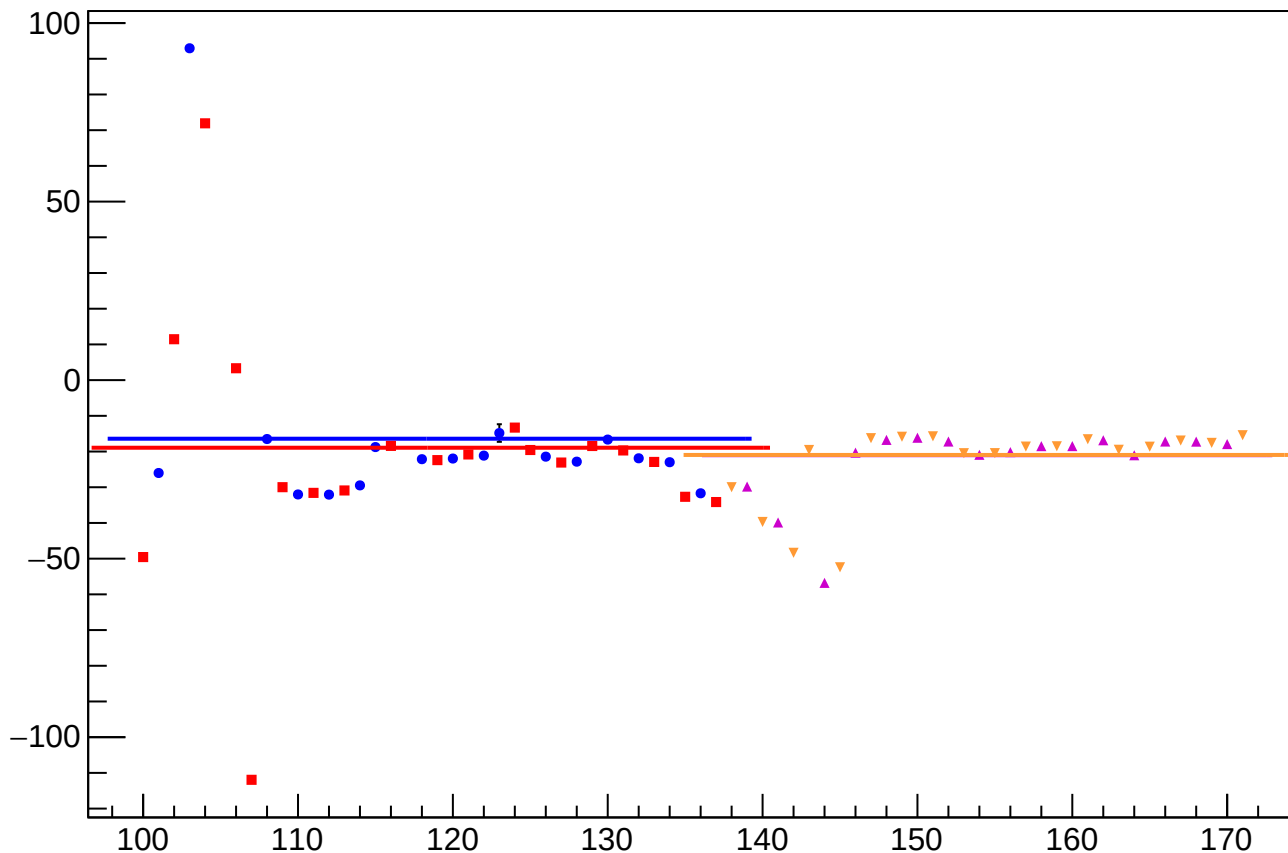
Left In: -14.350 ± 0.435 χ^2/NDF : 683.0/15

+ sign -18.073 ± 0.362 χ^2/NDF : 1689.0/34

All: -19.069 ± 0.260 χ^2/NDF : 3613.8/69

- sign -20.137 ± 0.375 χ^2/NDF : 1909.1/34

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -20.956 ± 0.019 $\chi^2/\text{NDF}: 198232.1/17$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

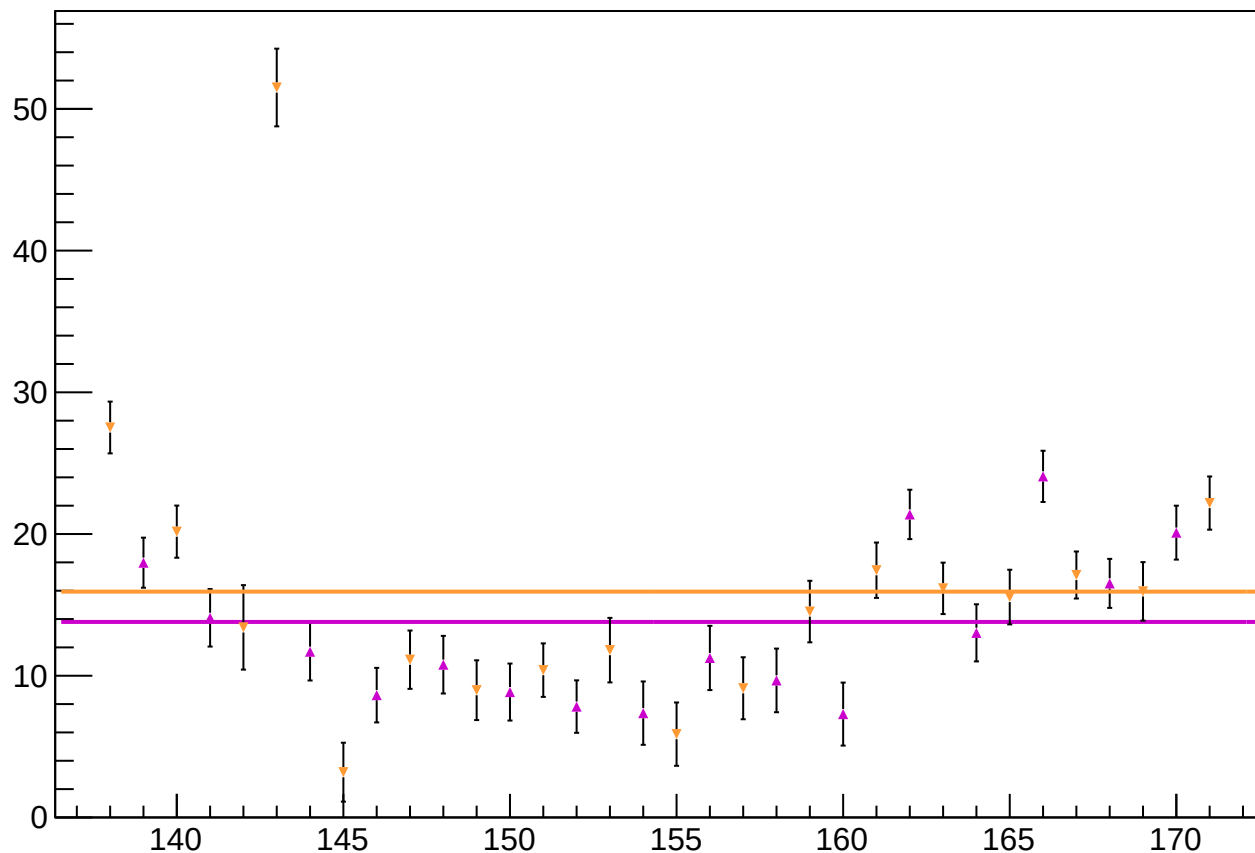
Left In: -21.029 ± 0.020 $\chi^2/\text{NDF}: 162745.6/15$

+ sign -20.231 ± 0.018 $\chi^2/\text{NDF}: 681411.0/34$

All: -20.454 ± 0.013 $\chi^2/\text{NDF}: 1280433.2/69$

- sign -20.690 ± 0.018 $\chi^2/\text{NDF}: 598695.4/34$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.936+/-0.480 χ^2/NDF : 323.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

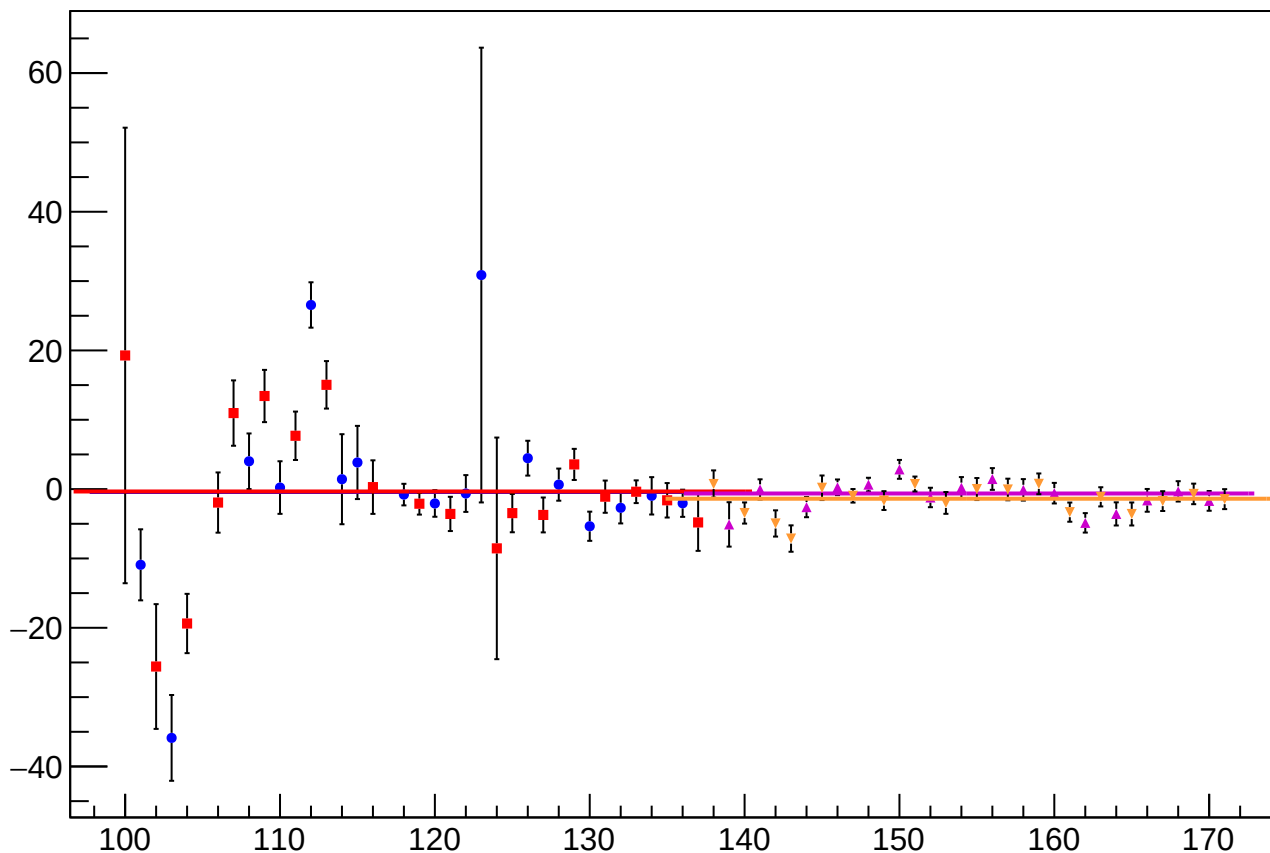
Left In: 13.797+/-0.491 χ^2/NDF : 118.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.892+/-0.343 χ^2/NDF : 451.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.387 ± 0.343 χ^2/NDF : 28.4/17

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

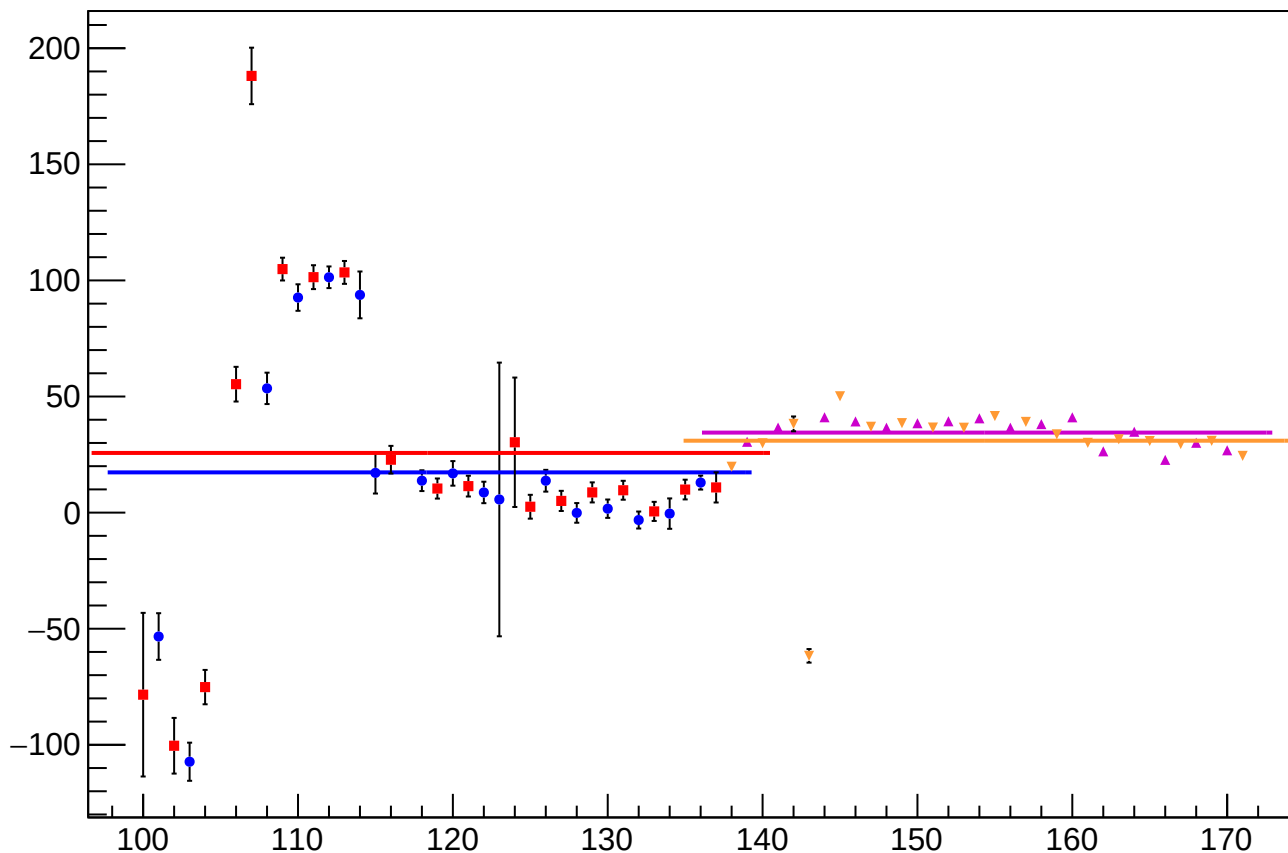
Left In: -0.632 ± 0.358 χ^2/NDF : 28.3/15

+ sign -1.177 ± 0.303 χ^2/NDF : 150.0/34

All: -0.882 ± 0.218 χ^2/NDF : 264.2/69

- sign -0.566 ± 0.315 χ^2/NDF : 112.2/34

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 30.970+/-0.473 χ^2/NDF : 1215.2/17

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

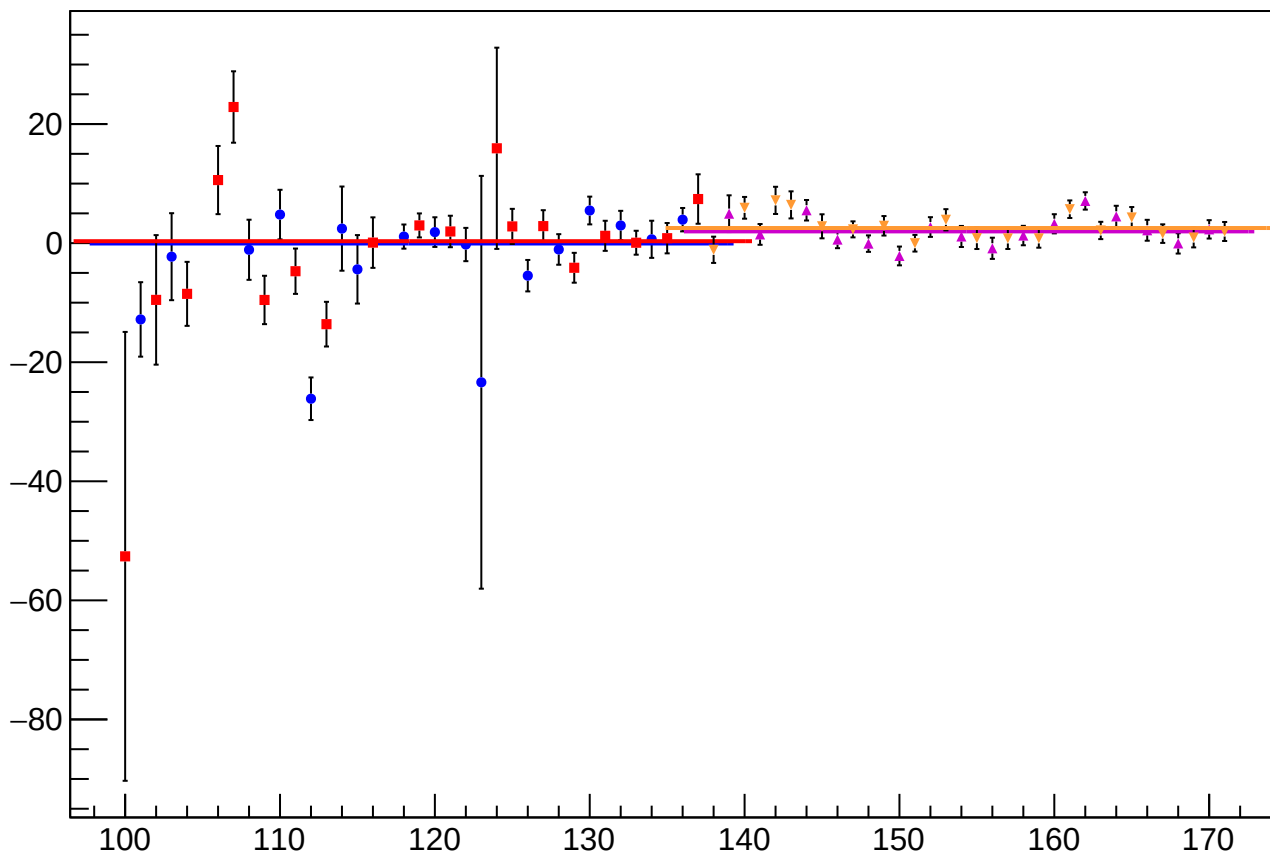
Left In: 34.463+/-0.482 χ^2/NDF : 143.9/15

+ sign 29.234+/-0.442 χ^2/NDF : 2264.2/34

All: 31.242+/-0.315 χ^2/NDF : 3872.4/69

- sign 33.318+/-0.449 χ^2/NDF : 1566.2/34

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.539 ± 0.397 χ^2/NDF : 27.4/17

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

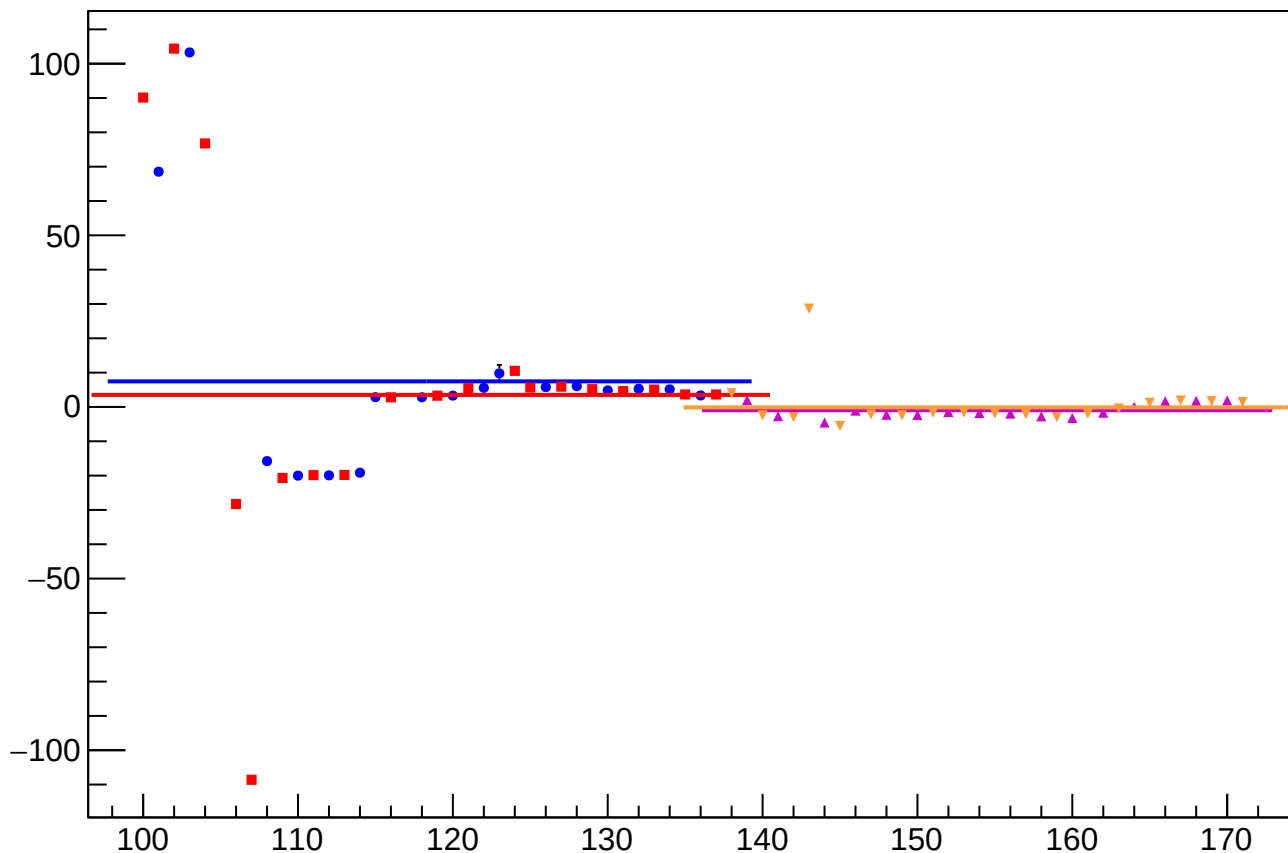
Left In: 1.972 ± 0.415 χ^2/NDF : 34.8/15

+ sign 1.962 ± 0.351 χ^2/NDF : 113.5/34

All: 1.780 ± 0.252 χ^2/NDF : 207.6/69

- sign 1.586 ± 0.363 χ^2/NDF : 93.6/34

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: -0.126 ± 0.018 χ^2/NDF : 76473.4/17

Right Out: 3.502 ± 0.046 χ^2/NDF : 510579.7/18

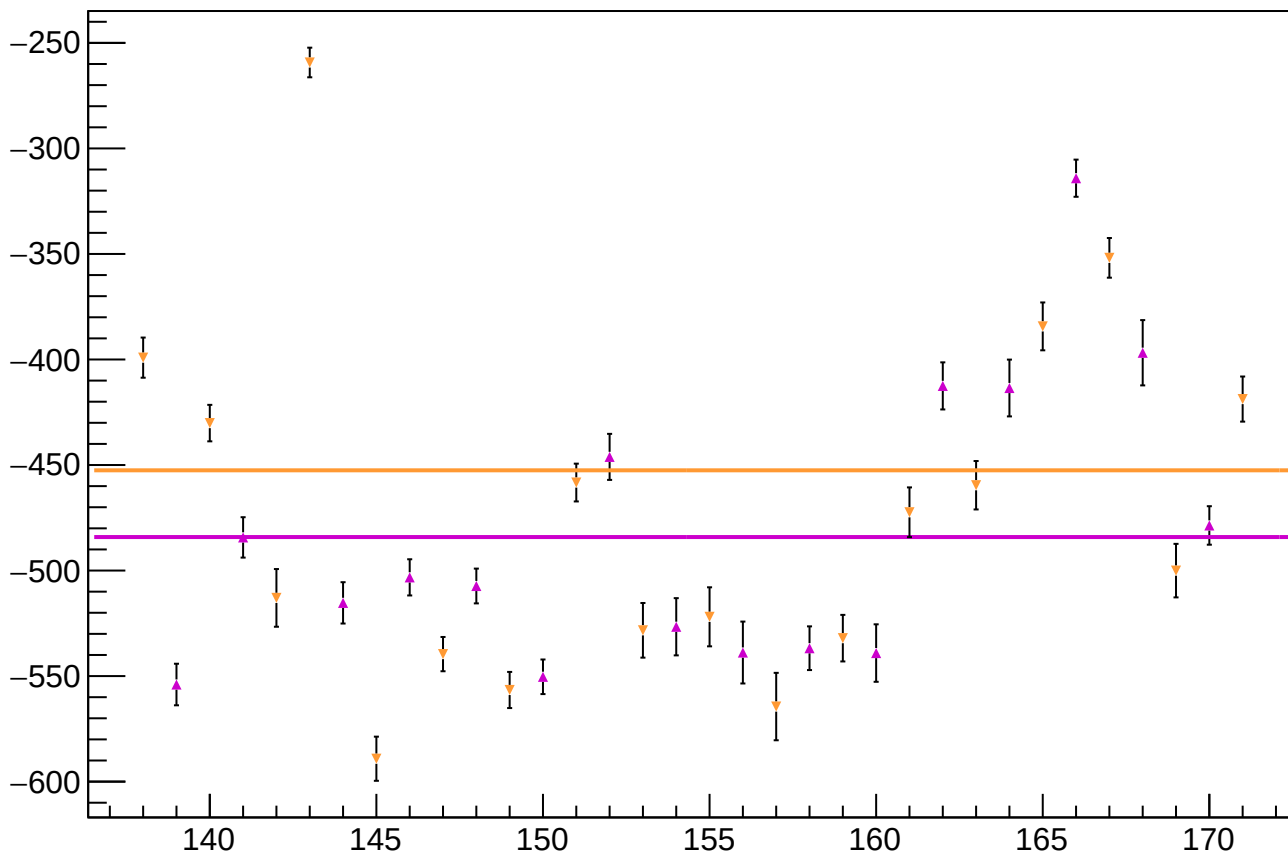
Left In: -0.948 ± 0.019 χ^2/NDF : 10854.5/15

+ sign 0.983 ± 0.017 χ^2/NDF : 457385.7/34

All: 0.358 ± 0.012 χ^2/NDF : 989747.1/69

- sign -0.298 ± 0.017 χ^2/NDF : 529586.5/34

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -452.511+/-2.407 χ^2/NDF :1587.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

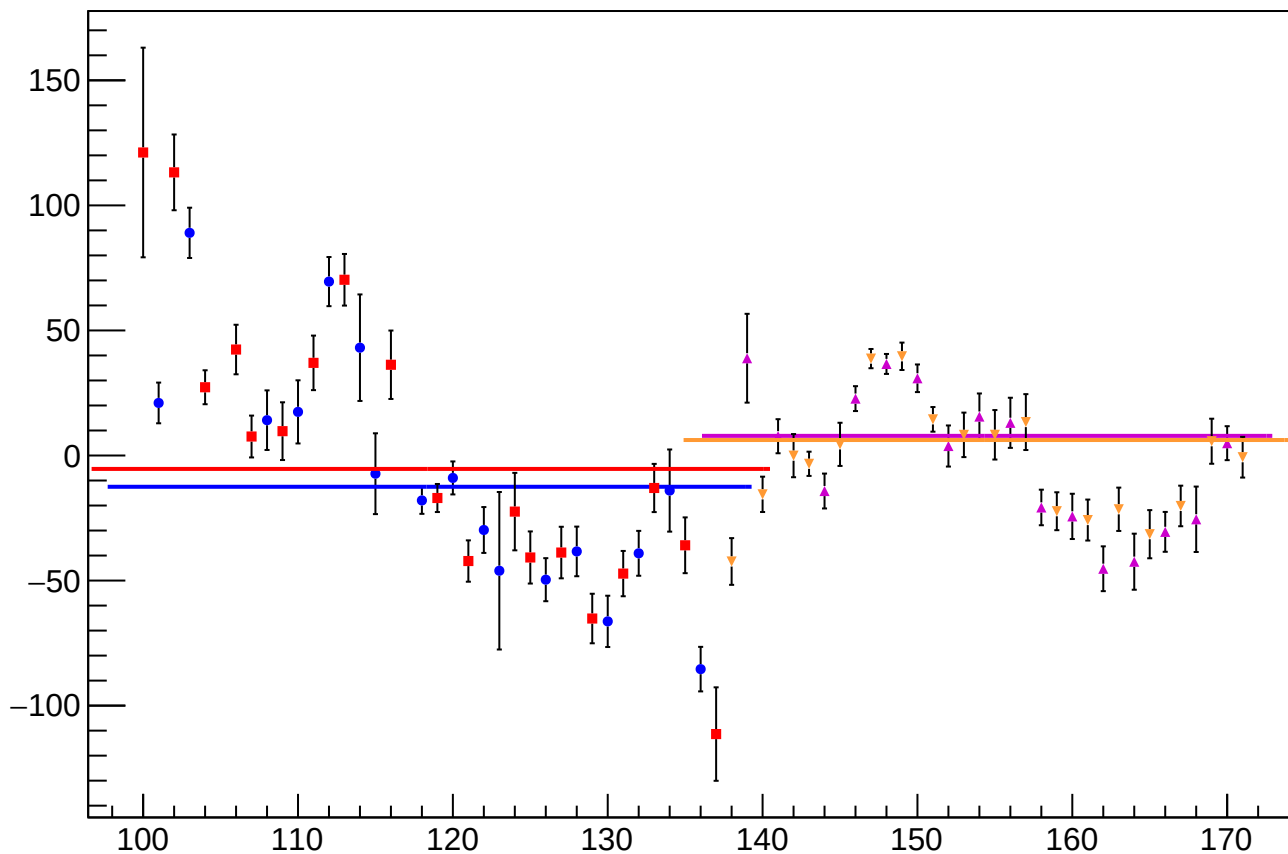
Left In: -484.127+/-2.576 χ^2/NDF :690.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.251+/-1.759 χ^2/NDF : 2358.8/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 $\pm$ 2.311 χ^2/NDF : 341.1/16

Left Out: 6.190 $\pm$ 1.637 χ^2/NDF : 219.4/17

Right Out: -5.363 $\pm$ 2.264 χ^2/NDF : 344.6/18

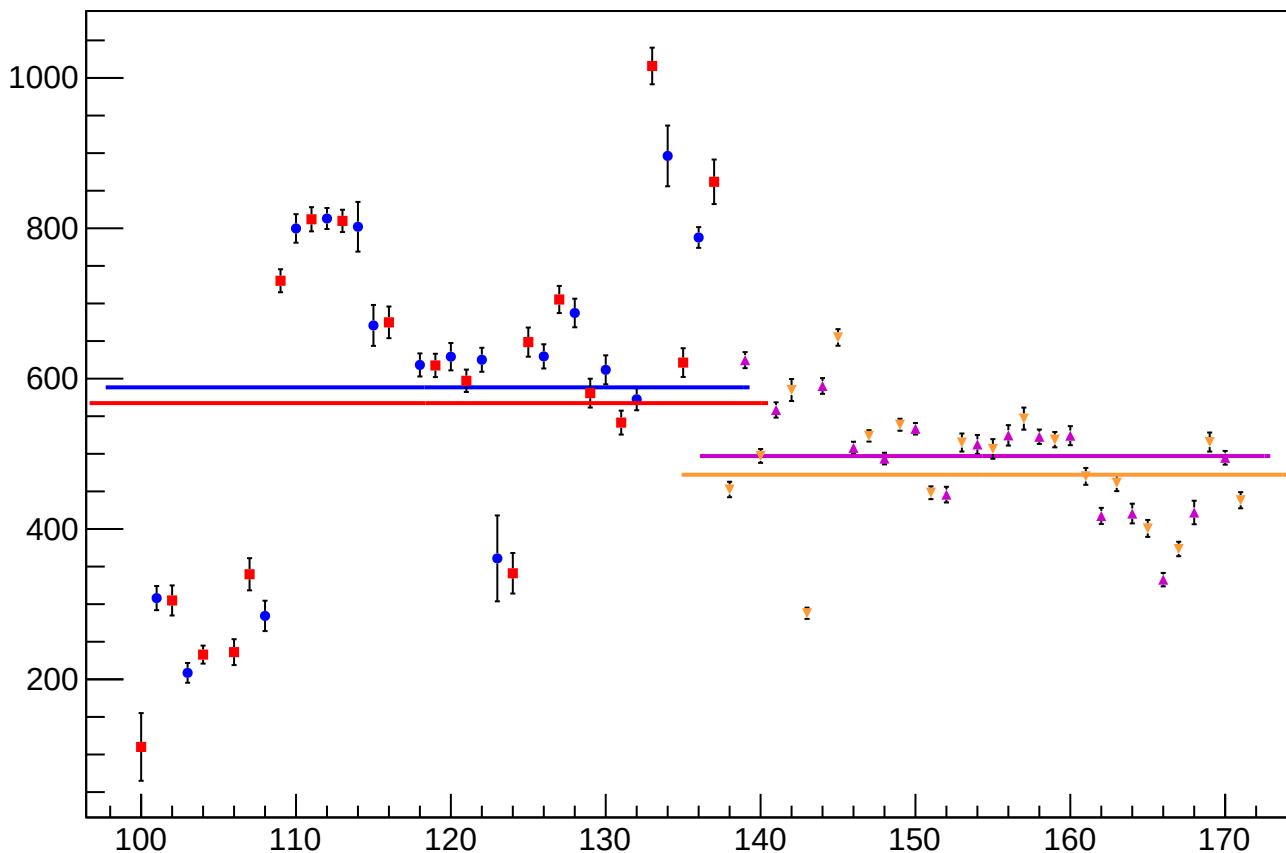
Left In: 7.858 $\pm$ 1.786 χ^2/NDF : 206.6/15

+ sign -0.056 $\pm$ 1.336 χ^2/NDF : 604.0/34

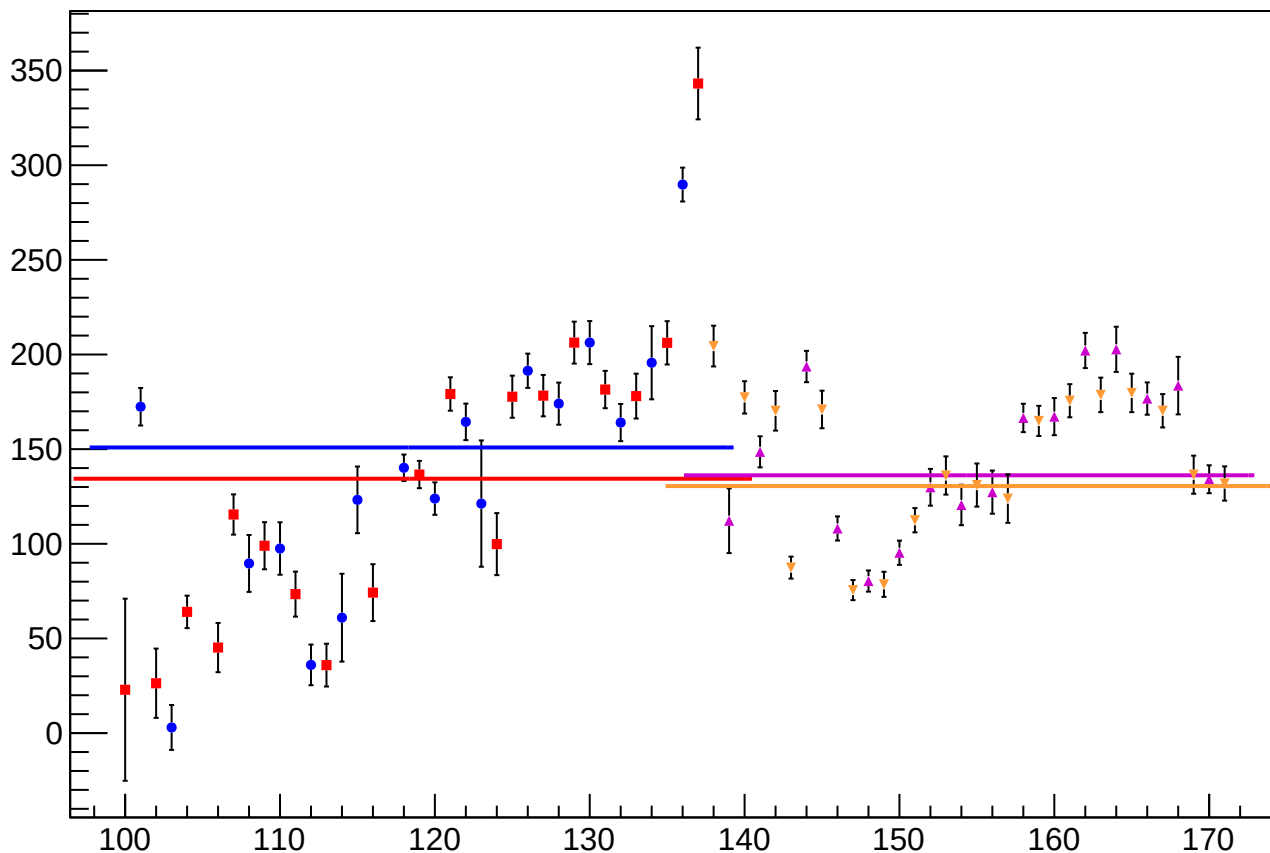
All: 1.296 $\pm$ 0.967 χ^2/NDF : 1178.3/69

- sign 2.786 $\pm$ 1.402 χ^2/NDF : 572.2/34

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 130.499 ± 1.950 χ^2/NDF : 458.0/17

Right Out: 134.381 ± 2.620 χ^2/NDF : 584.9/18

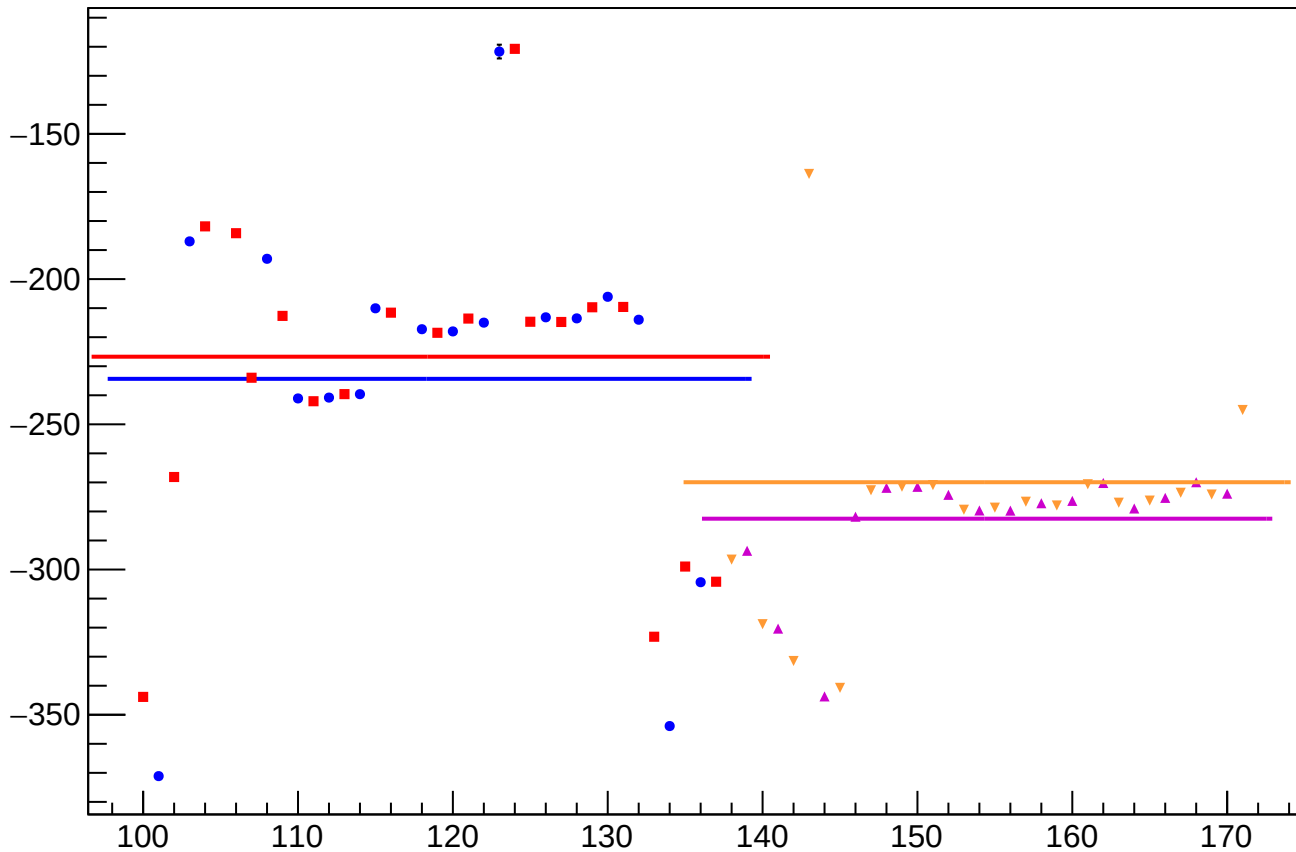
Left In: 136.186 ± 2.112 χ^2/NDF : 355.8/15

+ sign 137.577 ± 1.575 χ^2/NDF : 1130.8/34

All: 136.571 ± 1.138 χ^2/NDF : 2072.6/69

- sign 135.475 ± 1.644 χ^2/NDF : 941.0/34

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 χ^2/NDF : 145165.1/16

Left Out: -269.936 ± 0.095 χ^2/NDF : 187586.1/17

Right Out: -226.716 ± 0.141 χ^2/NDF : 99440.4/18

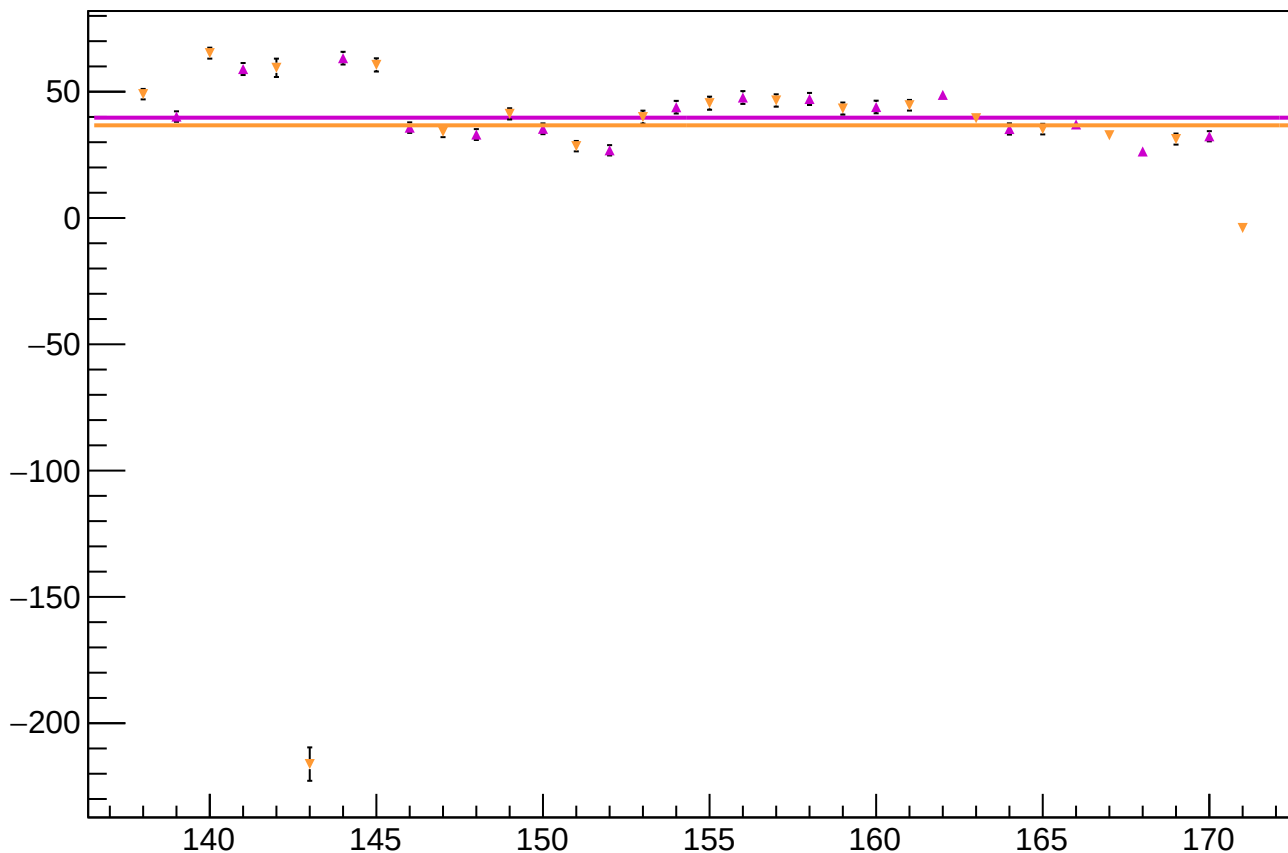
Left In: -282.492 ± 0.100 χ^2/NDF : 32508.6/15

+ sign -259.522 ± 0.080 χ^2/NDF : 373502.5/34

All: -261.597 ± 0.057 χ^2/NDF : 610269.5/69

- sign -263.761 ± 0.082 χ^2/NDF : 235399.5/34

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 36.683+/-0.535 χ^2/NDF :2335.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

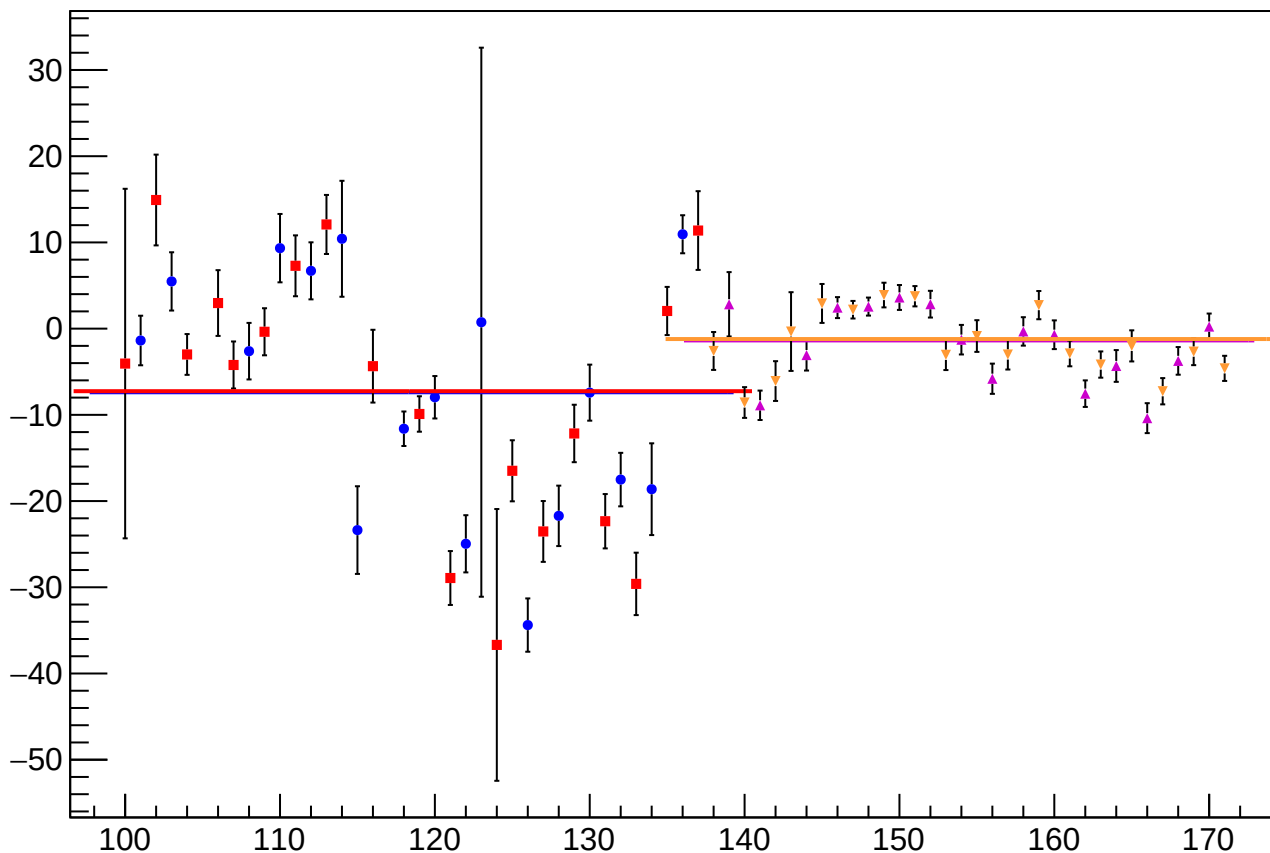
Left In: 39.711+/-0.543 χ^2/NDF :327.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.175+/-0.381 χ^2/NDF : 2678.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -1.208 ± 0.380 χ^2/NDF : 102.2/17

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

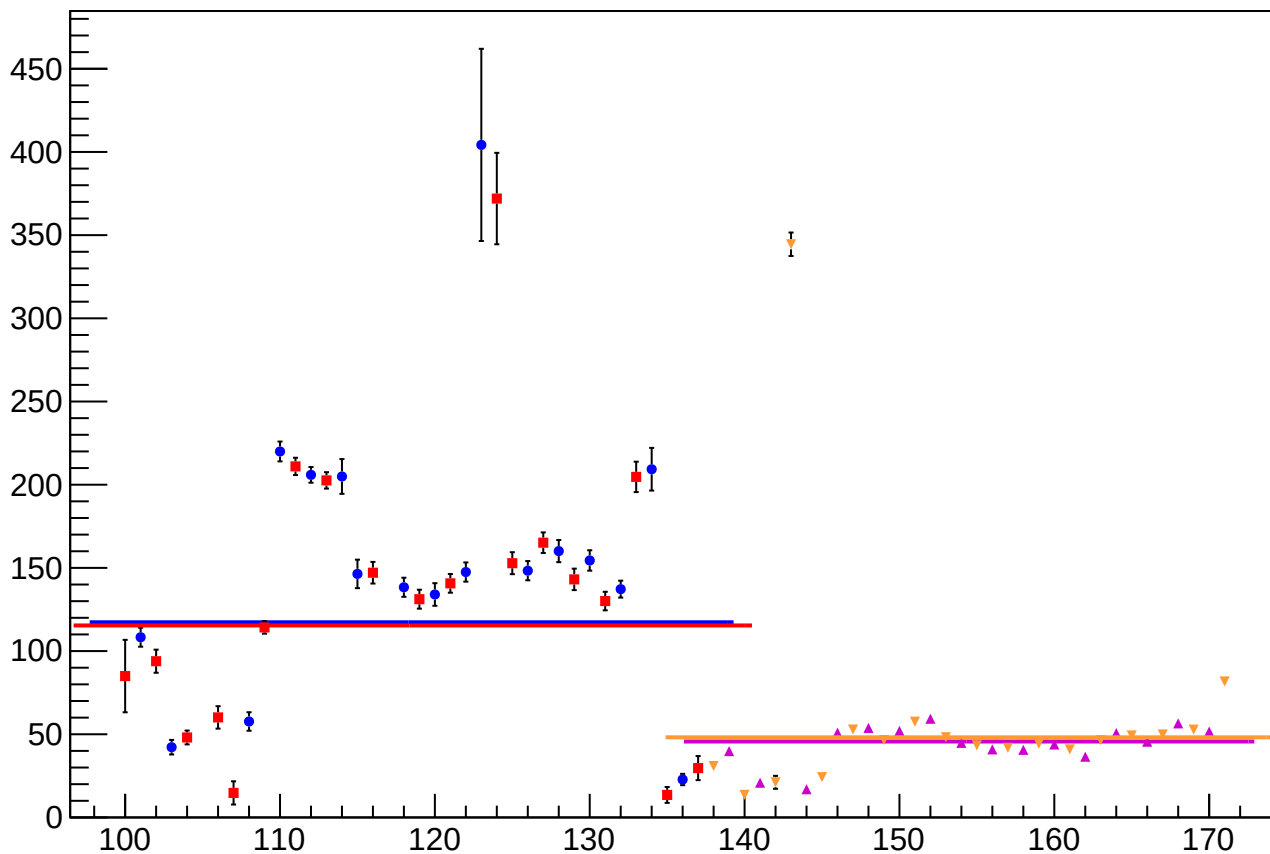
Left In: -1.366 ± 0.393 χ^2/NDF : 120.7/15

+ sign -2.393 ± 0.341 χ^2/NDF : 436.6/34

All: -2.495 ± 0.244 χ^2/NDF : 862.0/69

- sign -2.603 ± 0.349 χ^2/NDF : 425.2/34

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 ± 1.409 χ^2/NDF : 2161.3/16

Left Out: 48.167 ± 0.525 χ^2/NDF : 2540.9/17

Right Out: 115.405 ± 1.361 χ^2/NDF : 2150.5/18

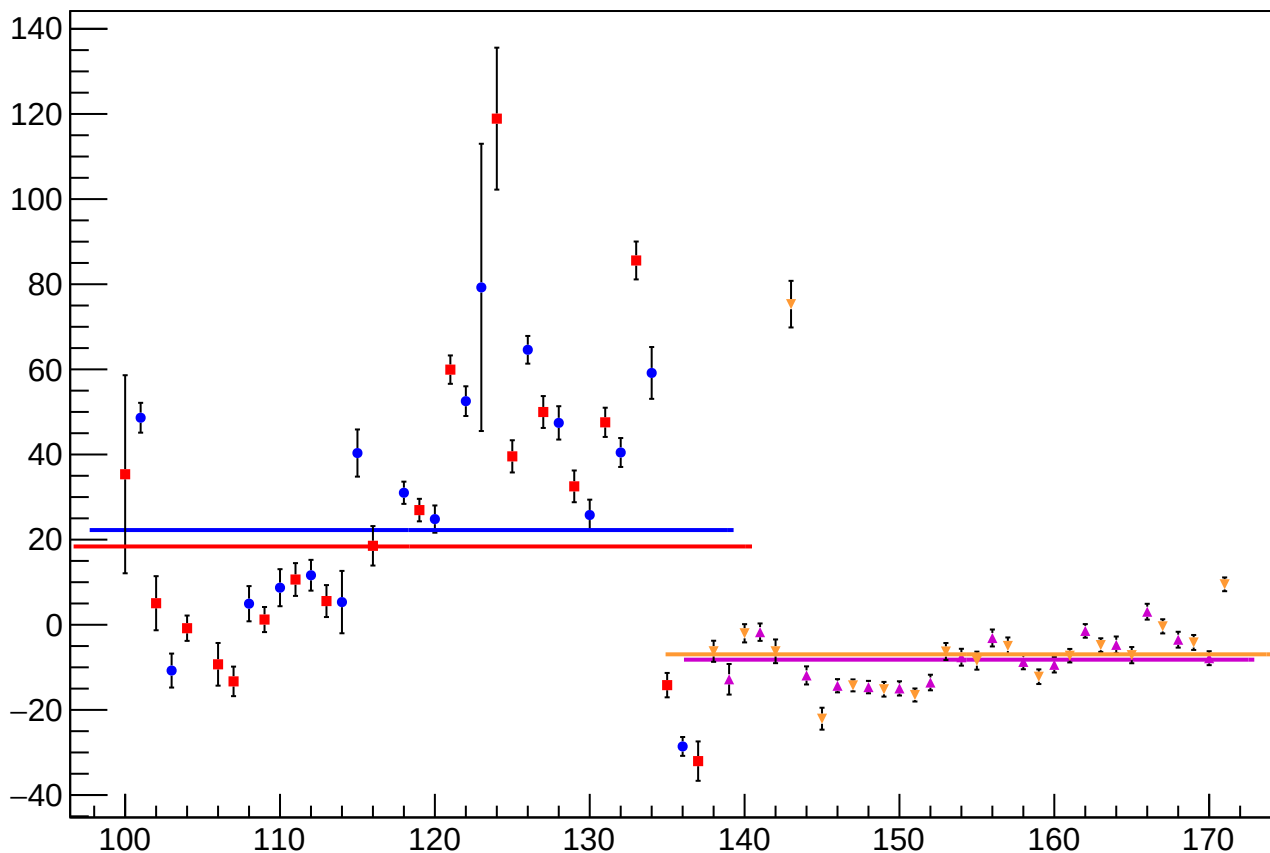
Left In: 45.641 ± 0.531 χ^2/NDF : 379.5/15

+ sign 56.608 ± 0.492 χ^2/NDF : 6817.1/34

All: 55.741 ± 0.349 χ^2/NDF : 11634.7/69

- sign 54.864 ± 0.495 χ^2/NDF : 4811.4/34

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -6.945 $\pm$ 0.440 χ^2 /NDF: 488.5/17

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

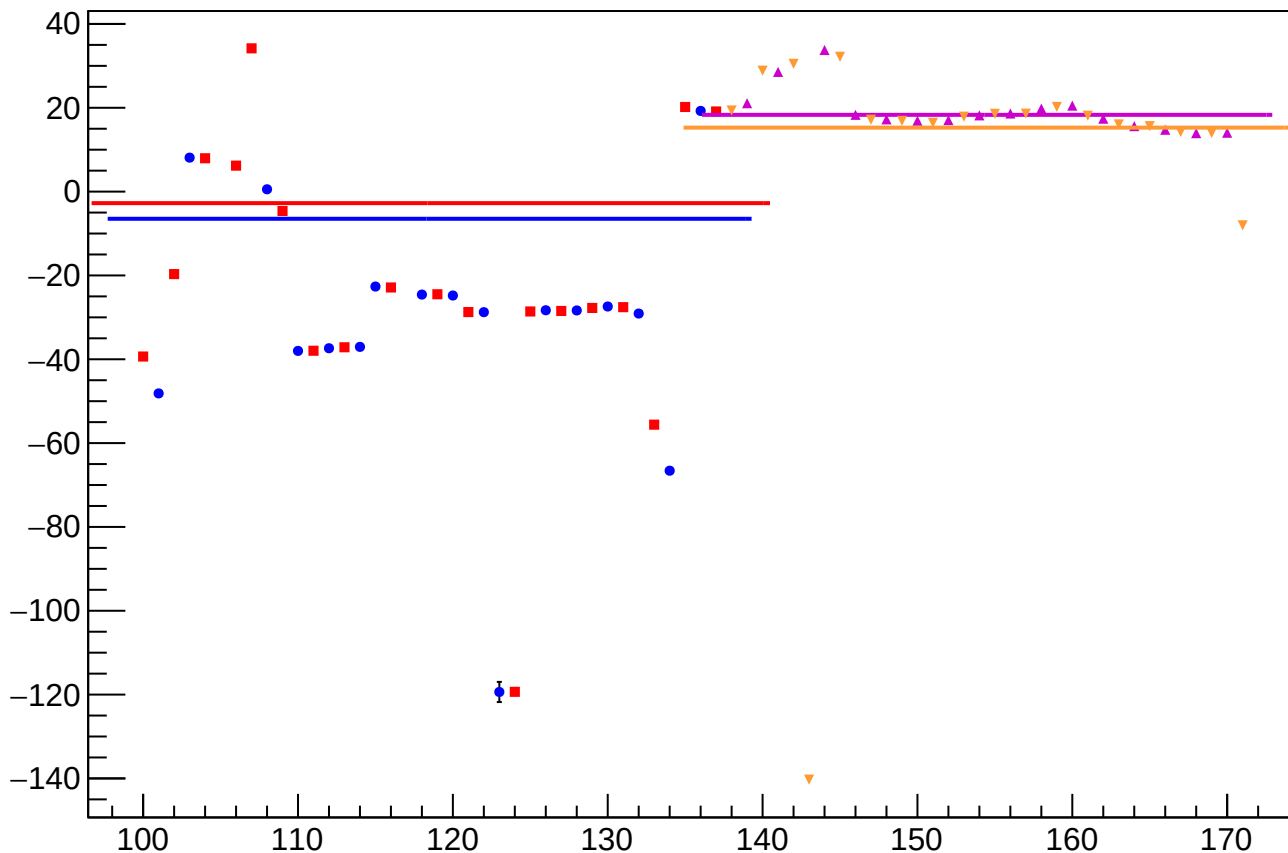
Left In: -8.202 $\pm$ 0.456 χ^2 /NDF: 145.6/15

+ sign -1.192 $\pm$ 0.395 χ^2 /NDF: 2425.6/34

All: -1.829 $\pm$ 0.282 χ^2 /NDF: 4384.7/69

- sign -2.496 $\pm$ 0.404 χ^2 /NDF: 1953.8/34

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 15.266 ± 0.020 $\chi^2/\text{NDF}: 486701.8/17$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

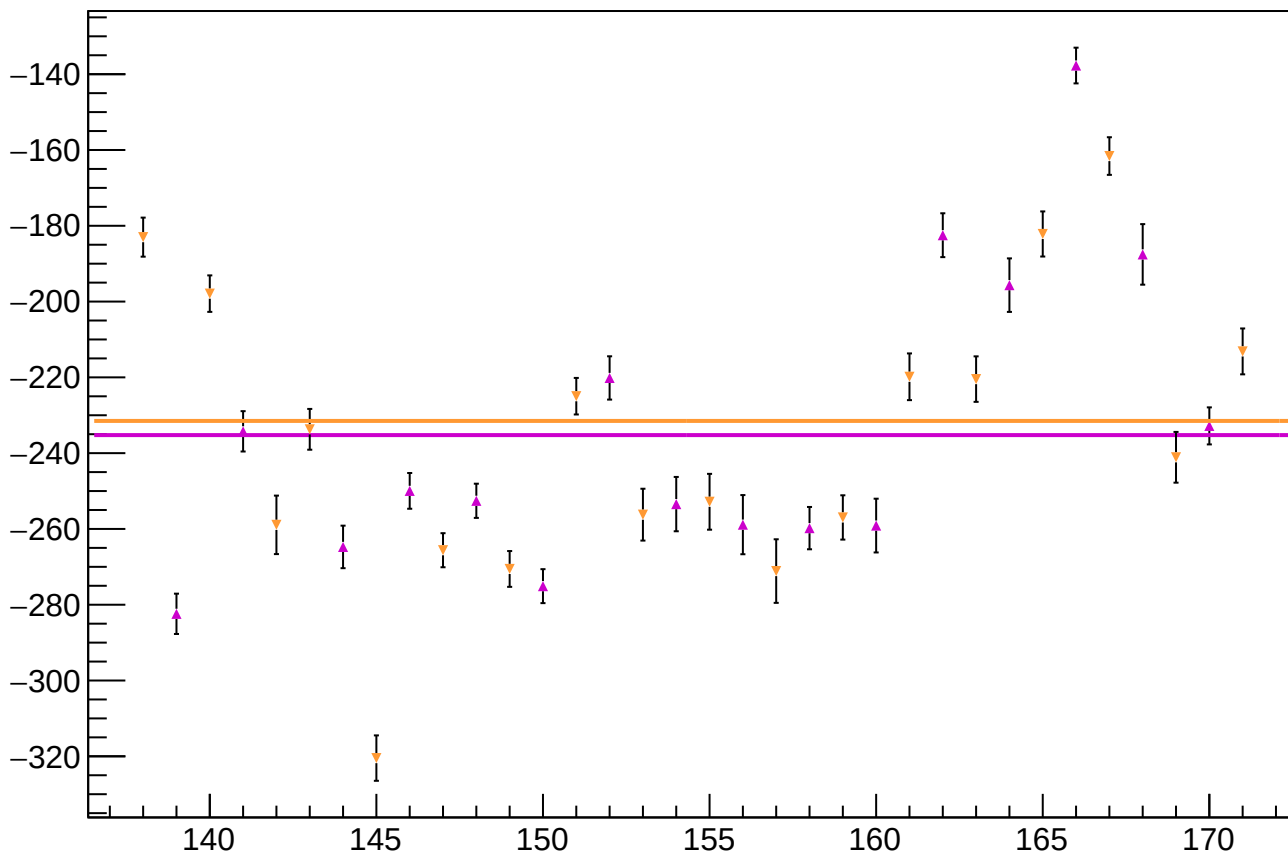
Left In: 18.314 ± 0.021 $\chi^2/\text{NDF}: 40082.7/15$

+ sign 11.707 ± 0.019 $\chi^2/\text{NDF}: 938133.3/34$

All: 13.183 ± 0.013 $\chi^2/\text{NDF}: 1433334.1/69$

- sign 14.699 ± 0.019 $\chi^2/\text{NDF}: 482536.0/34$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.496+/-1.345 χ^2/NDF : 846.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

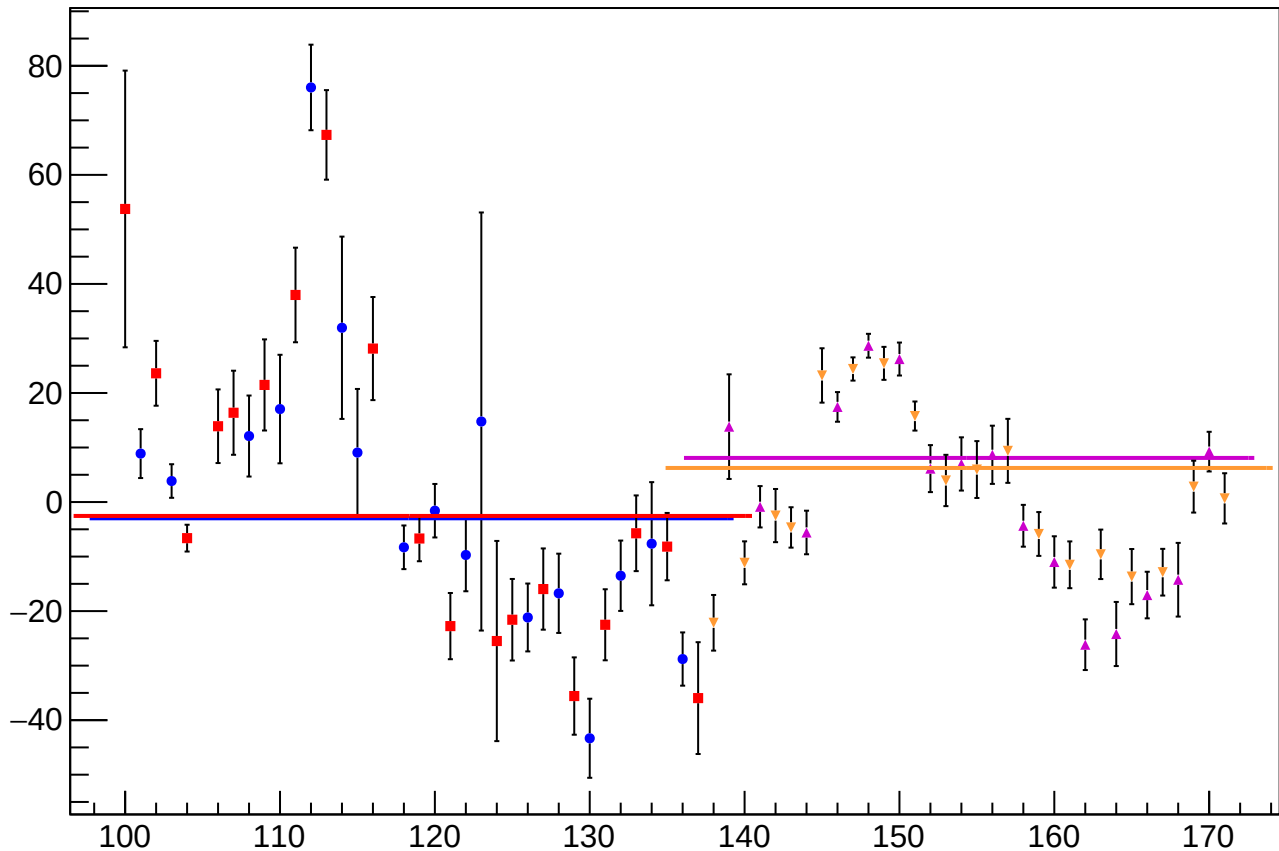
Left In: -235.237+/-1.391 χ^2/NDF : 841.5/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.304+/-0.967 χ^2/NDF : 1691.6/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981±/1.450 χ^2/NDF : 203.9/16

Left Out: 6.251±/0.917 χ^2/NDF : 275.8/17

Right Out: -2.548±/1.399 χ^2/NDF : 218.1/18

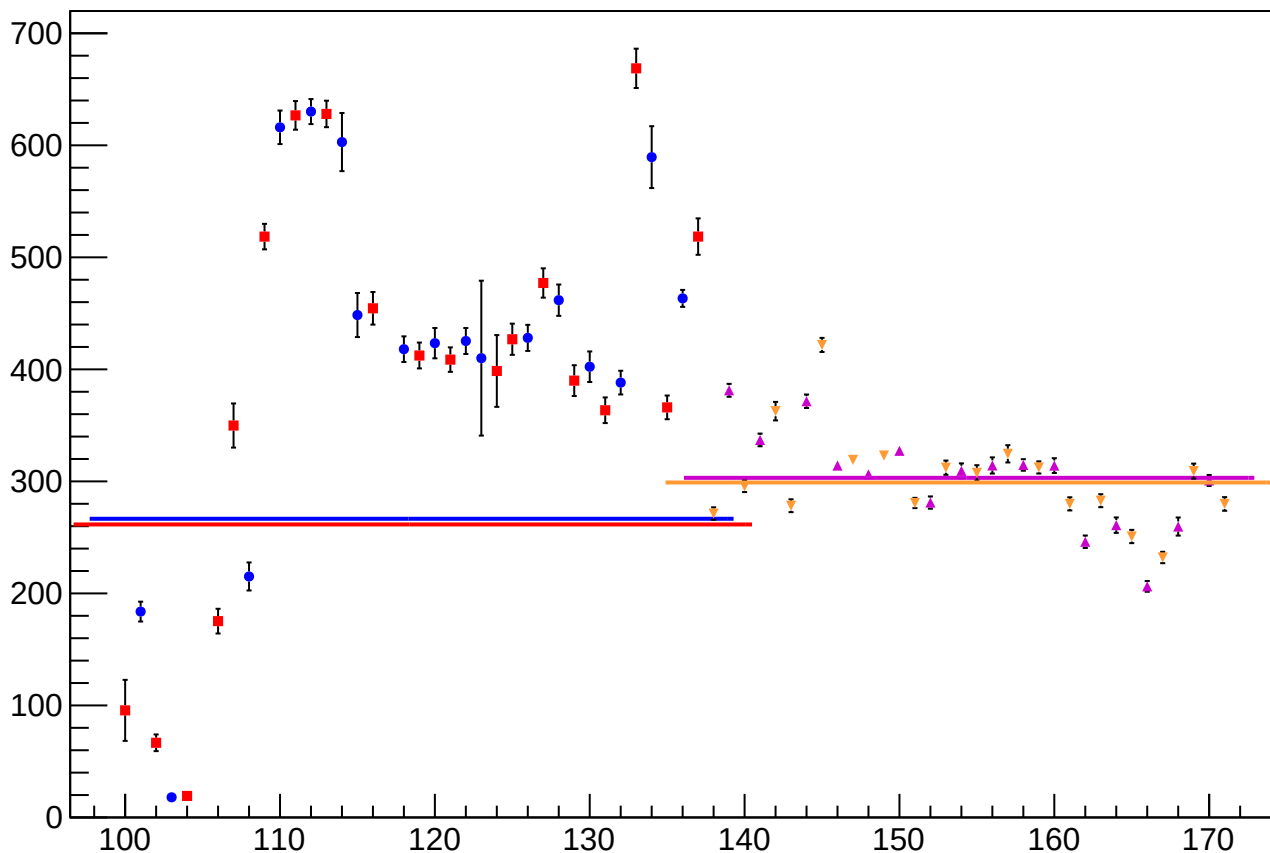
Left In: 8.091±/0.967 χ^2/NDF : 311.4/15

+ sign 3.615±/0.775 χ^2/NDF : 508.7/34

All: 4.118±/0.555 χ^2/NDF : 1078.2/69

- sign 4.648±/0.796 χ^2/NDF : 568.7/34

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 χ^2/NDF : 7662.7/16

Left Out: 299.015 ± 1.327 χ^2/NDF : 840.5/17

Right Out: 261.551 ± 2.458 χ^2/NDF : 8208.2/18

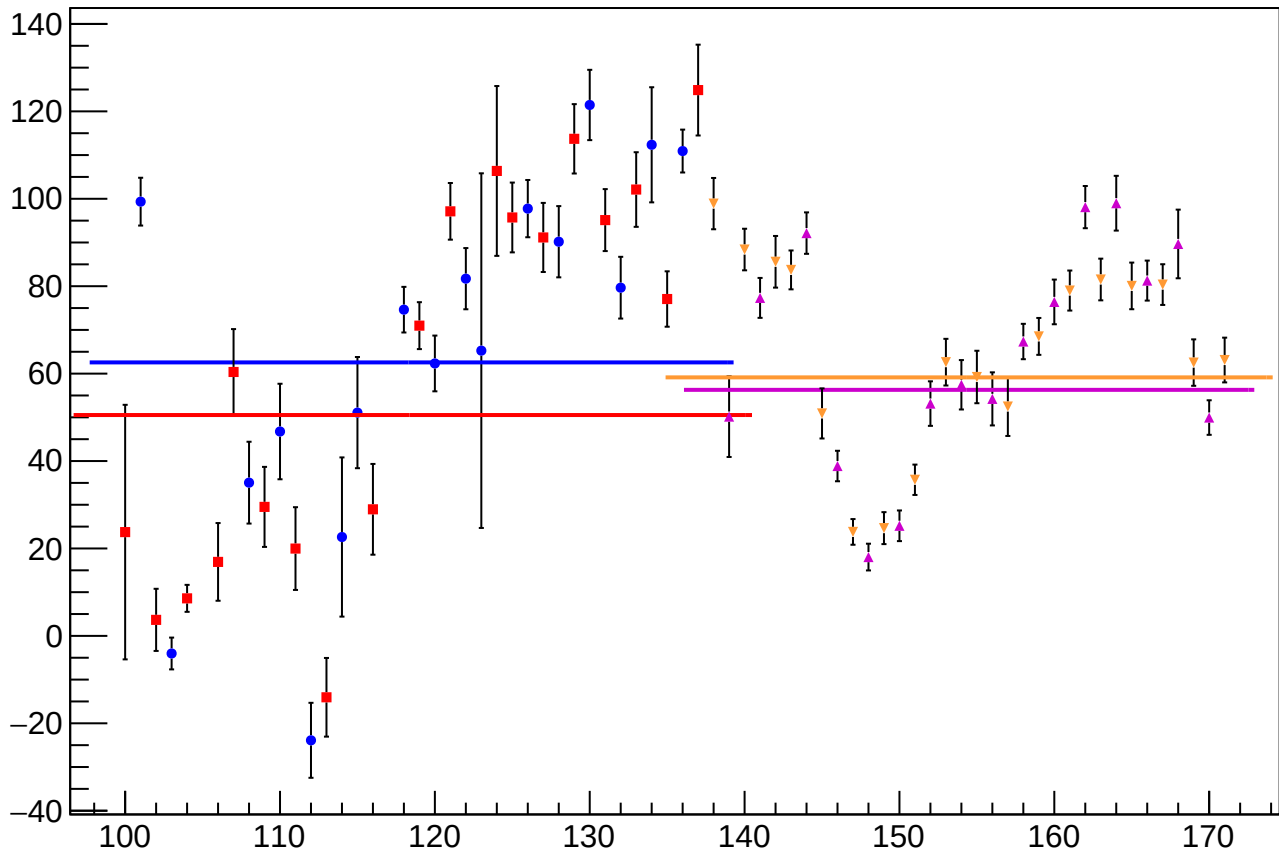
Left In: 303.164 ± 1.360 χ^2/NDF : 995.4/15

+ sign 291.792 ± 1.170 χ^2/NDF : 8636.1/34

All: 292.586 ± 0.834 χ^2/NDF : 18060.1/69

- sign 293.409 ± 1.190 χ^2/NDF : 9423.1/34

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 χ^2/NDF : 722.4/16

Left Out: 59.141 ± 1.088 χ^2/NDF : 500.0/17

Right Out: 50.526 ± 1.643 χ^2/NDF : 657.0/18

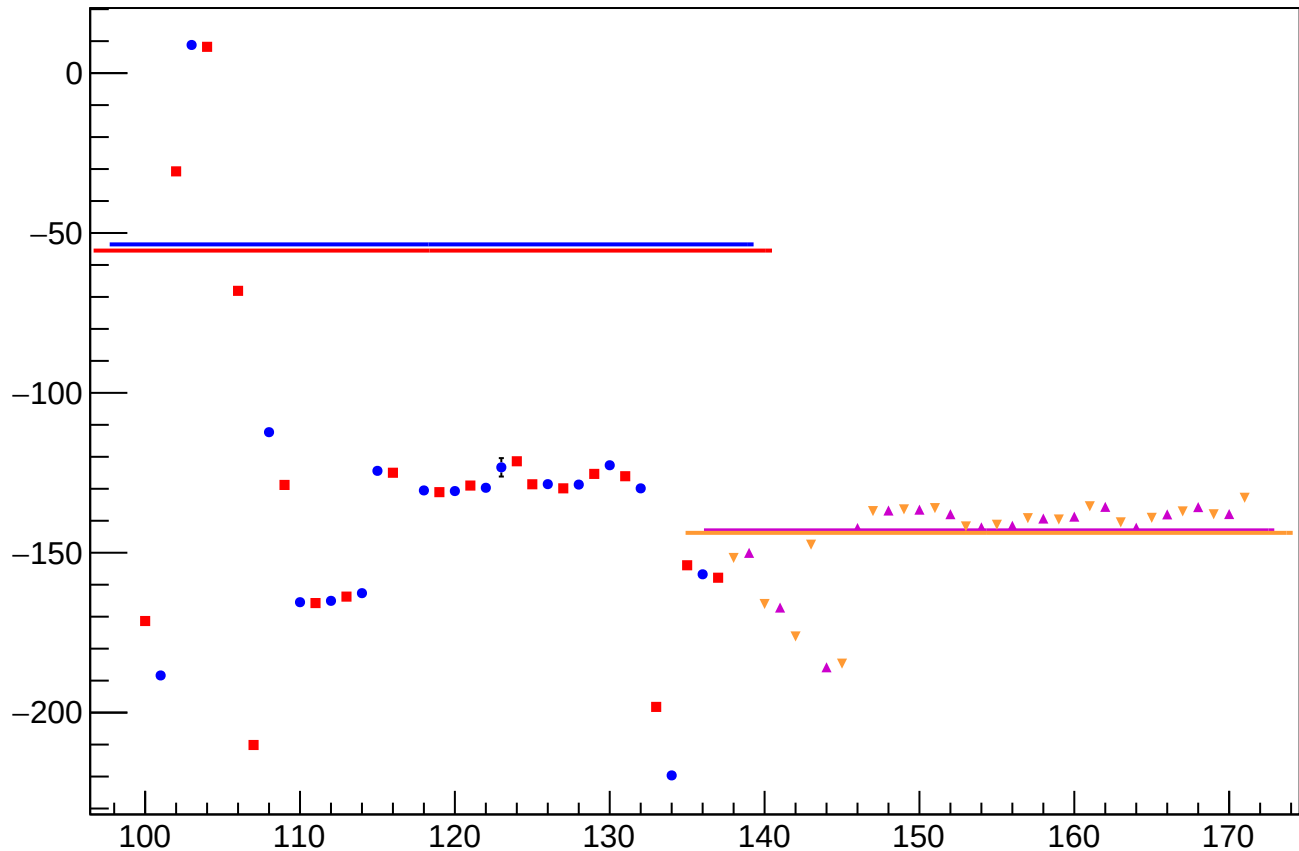
Left In: 56.288 ± 1.142 χ^2/NDF : 534.2/15

+ sign 60.156 ± 0.913 χ^2/NDF : 1225.4/34

All: 57.360 ± 0.654 χ^2/NDF : 2444.1/69

- sign 54.413 ± 0.938 χ^2/NDF : 1199.5/34

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -143.781 ± 0.053 χ^2/NDF : 59288.0/17

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

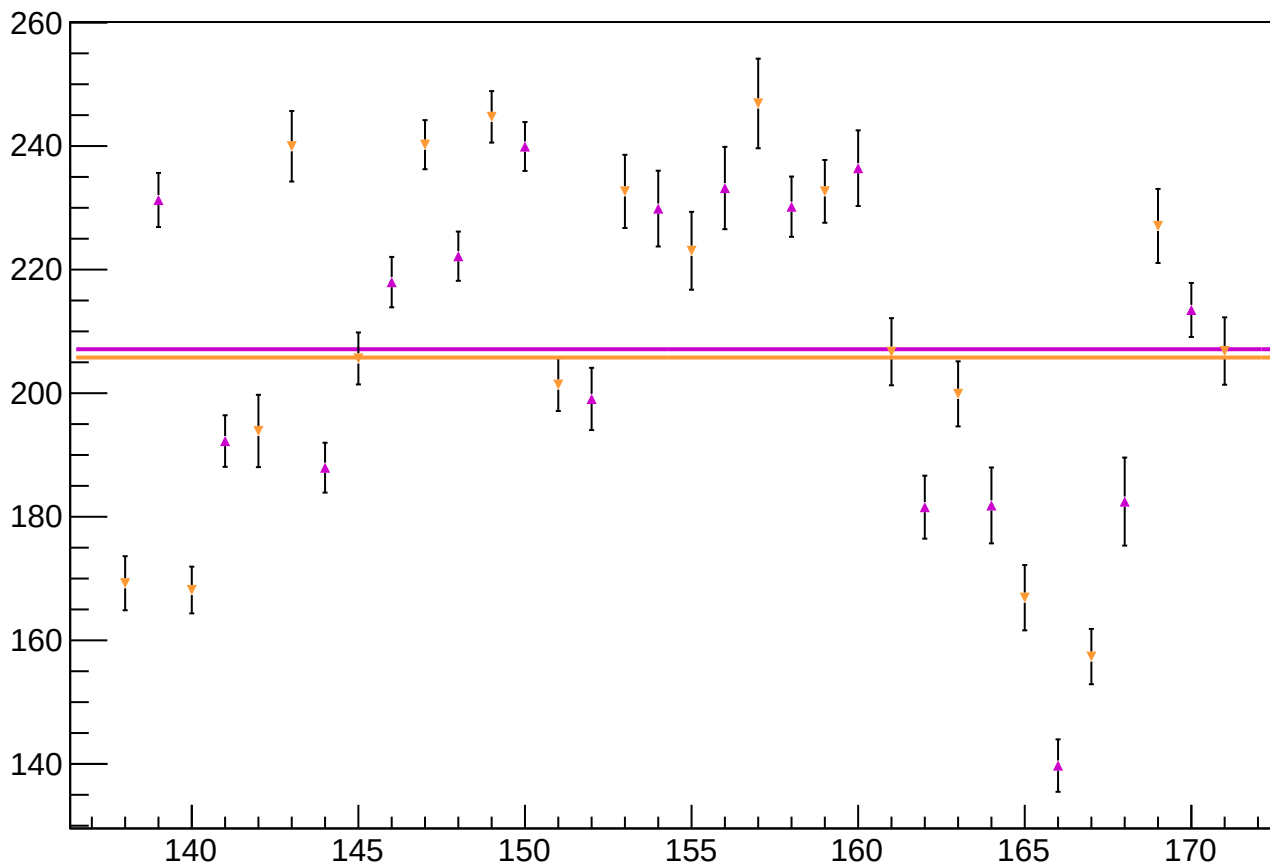
Left In: -143.007 ± 0.054 χ^2/NDF : 45707.8/15

+ sign -111.173 ± 0.042 χ^2/NDF : 2341865.5/34

All: -111.279 ± 0.030 χ^2/NDF : 4303049.0/69

- sign -111.390 ± 0.043 χ^2/NDF : 1961170.7/34

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.773+/-1.160 χ^2/NDF : 645.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

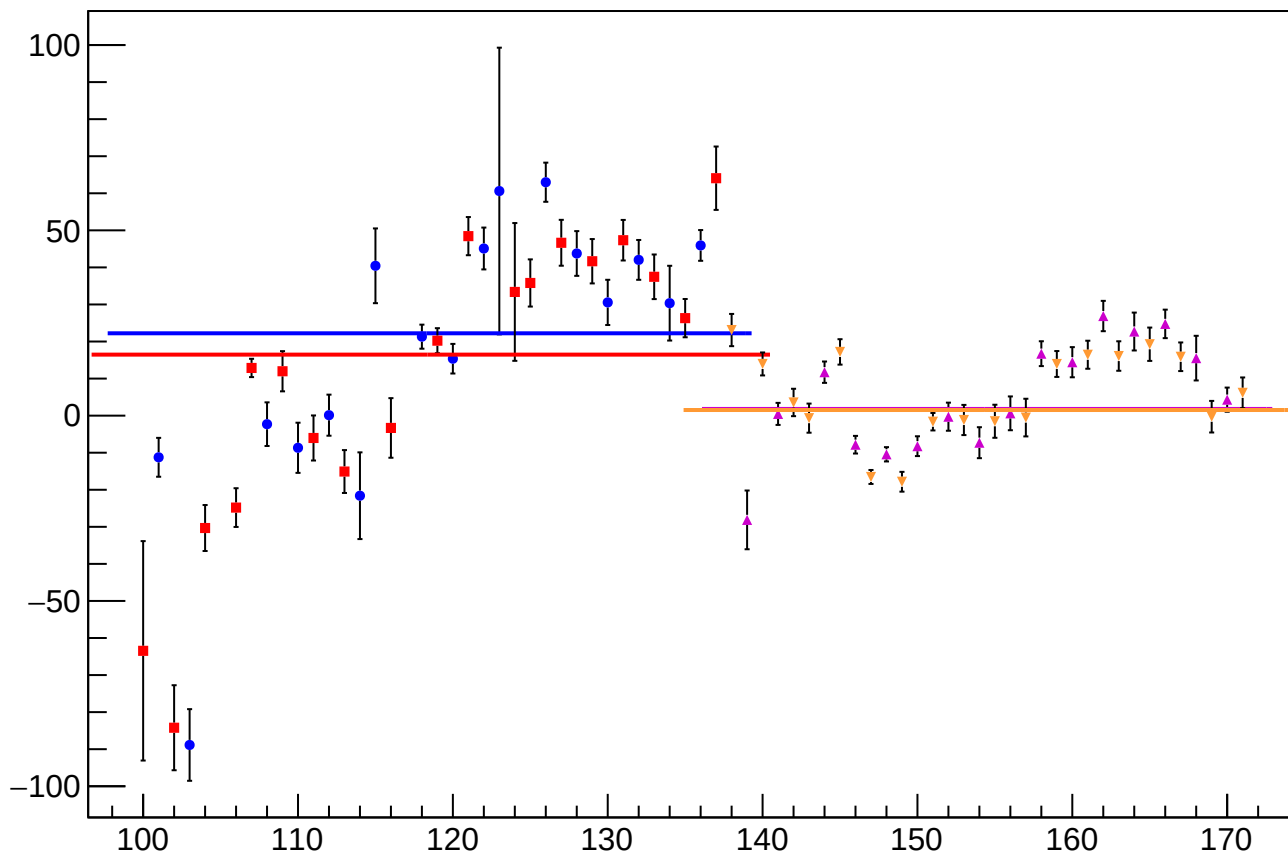
Left In: 207.114+/-1.189 χ^2/NDF : 541.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.427+/-0.830 χ^2/NDF : 1187.3/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF : 385.6/16

Left Out: 1.520+/-0.797 χ^2/NDF : 282.0/17

Right Out: 16.466+/-1.230 χ^2/NDF : 425.9/18

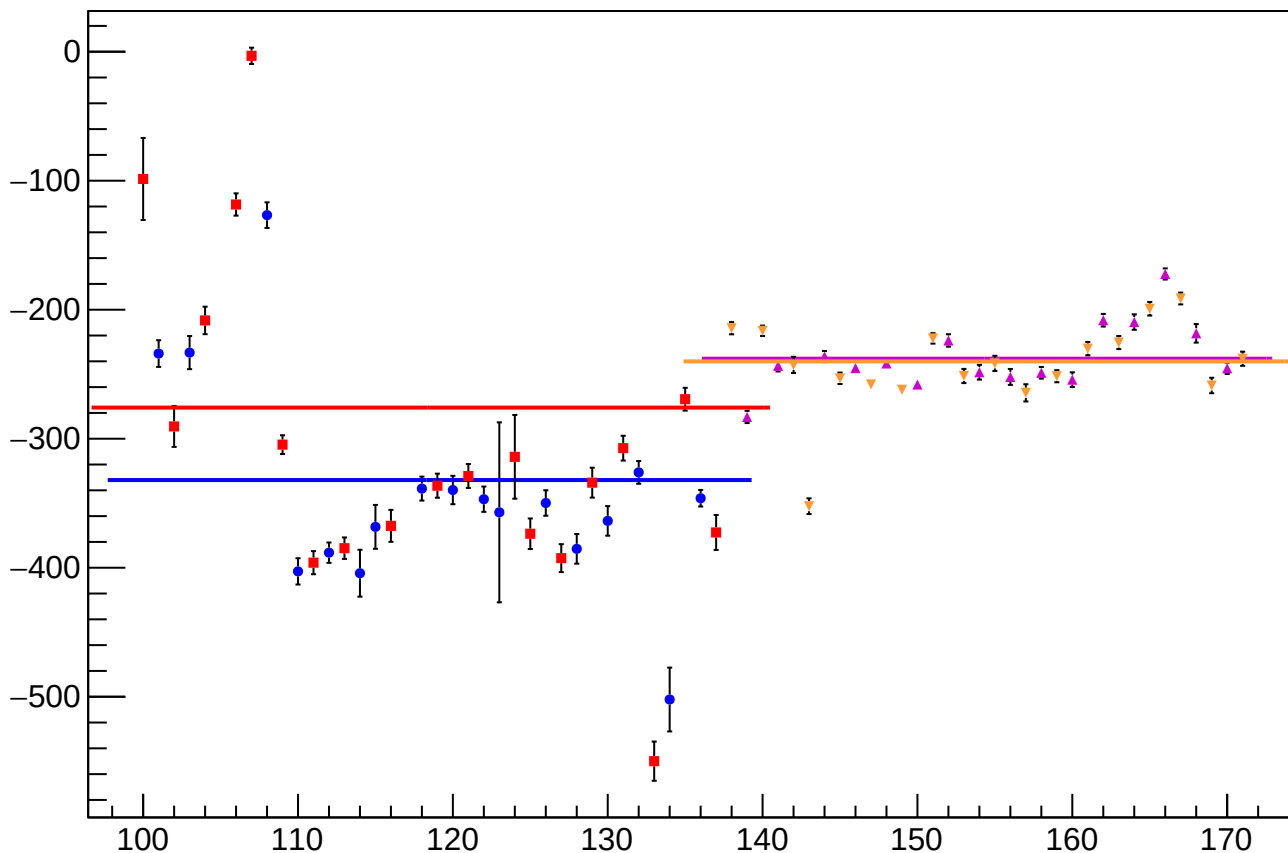
Left In: 1.806+/-0.832 χ^2/NDF : 227.2/15

+ sign 6.729+/-0.689 χ^2/NDF : 837.5/34

All: 6.568+/-0.487 χ^2/NDF : 1588.3/69

- sign 6.407+/-0.689 χ^2/NDF : 750.7/34

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 $\chi^2/\text{NDF}: 784.9/16$

Left Out: -240.068 ± 1.148 $\chi^2/\text{NDF}: 705.2/17$

Right Out: -275.853 ± 2.324 $\chi^2/\text{NDF}: 3362.8/18$

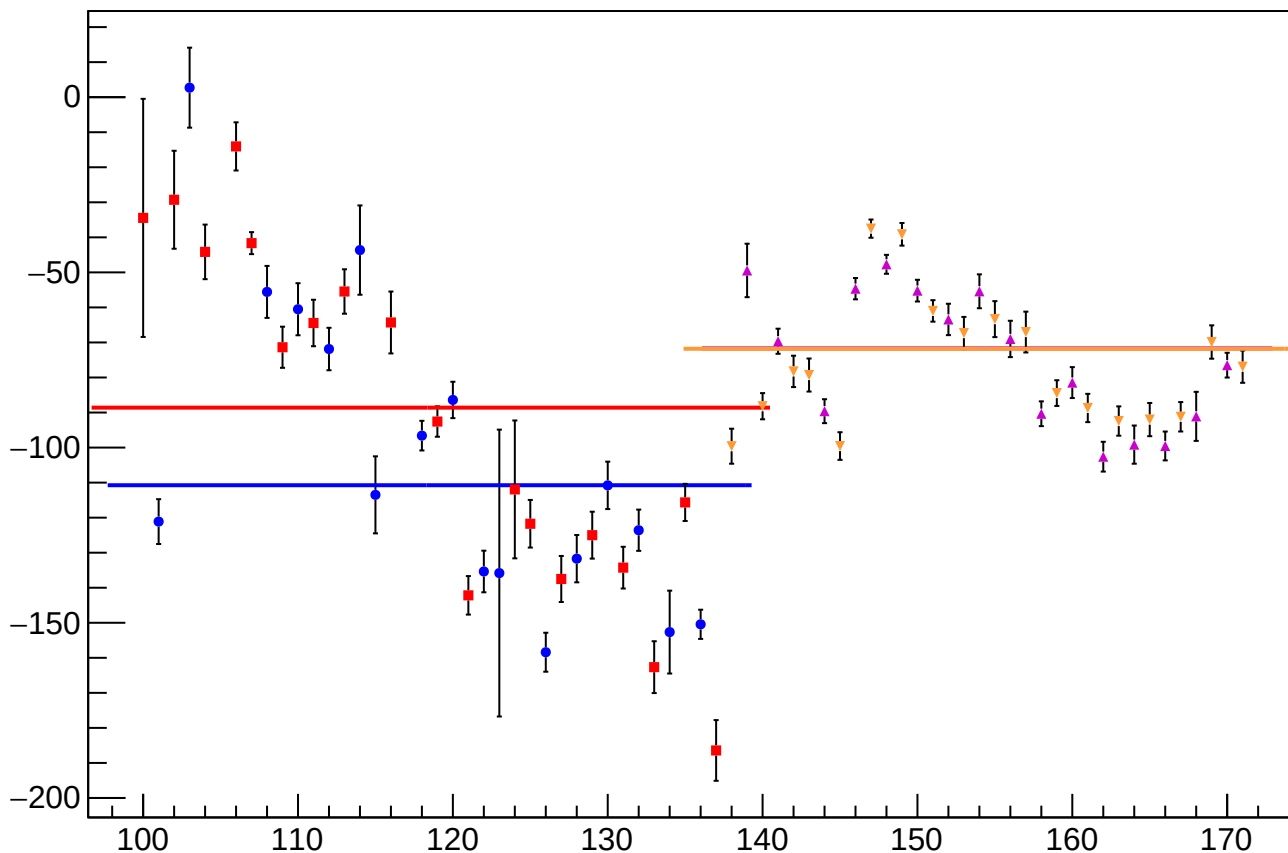
Left In: -237.954 ± 1.167 $\chi^2/\text{NDF}: 458.4/15$

+ sign -255.451 ± 1.048 $\chi^2/\text{NDF}: 2563.2/34$

All: -250.495 ± 0.739 $\chi^2/\text{NDF}: 6641.4/69$

- sign -245.585 ± 1.043 $\chi^2/\text{NDF}: 4033.6/34$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -71.804 ± 0.945 χ^2/NDF : 492.3/17

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

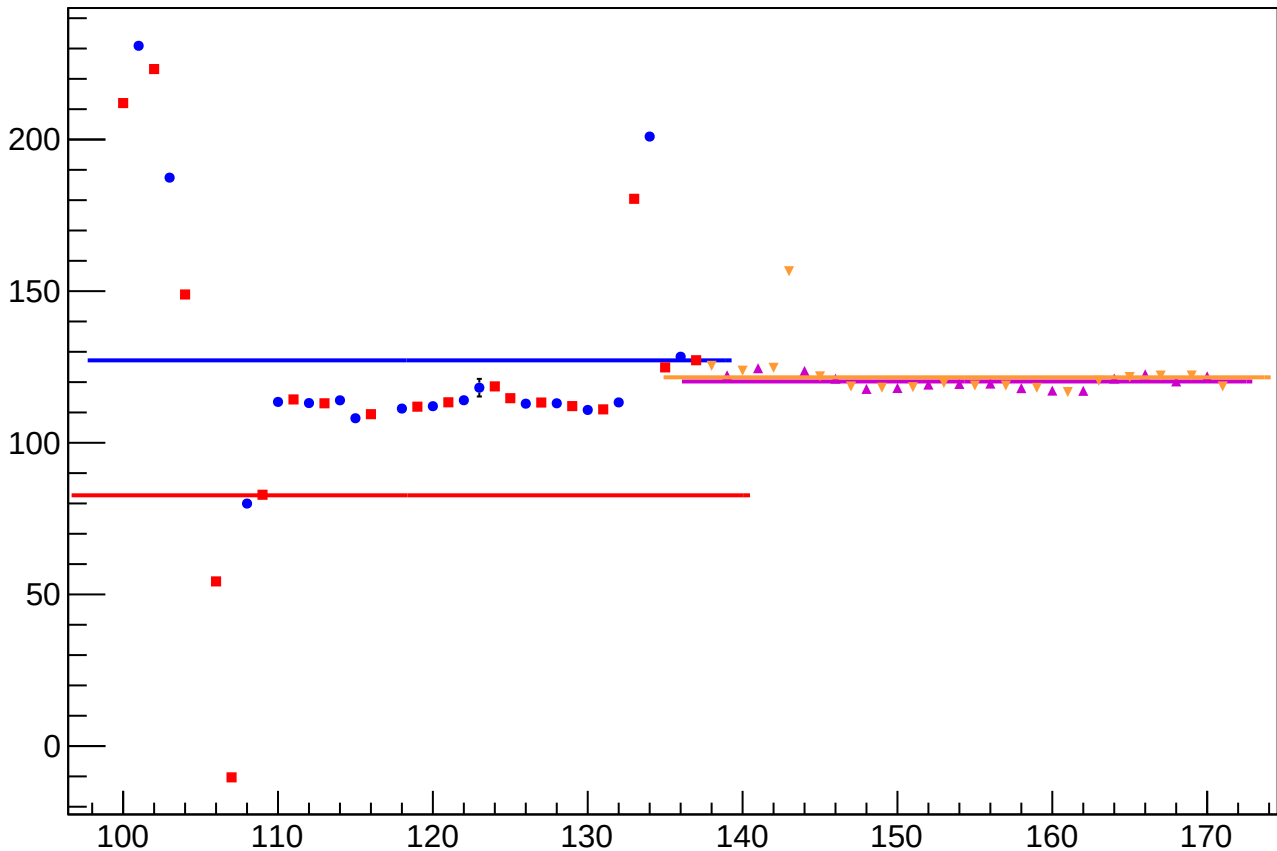
Left In: -71.683 ± 0.981 χ^2/NDF : 356.2/15

+ sign -82.082 ± 0.810 χ^2/NDF : 1454.2/34

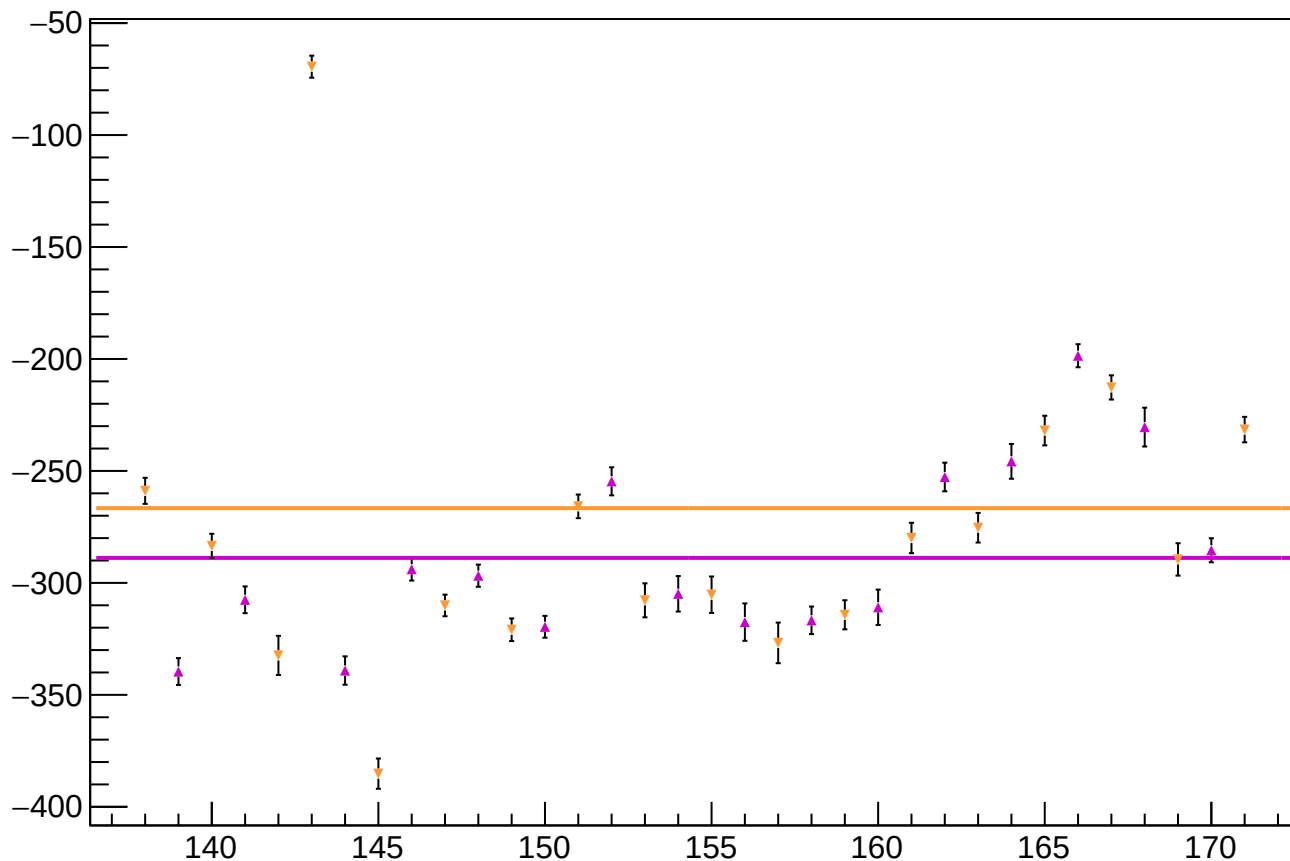
All: -79.574 ± 0.573 χ^2/NDF : 2894.0/69

- sign -77.072 ± 0.810 χ^2/NDF : 1420.7/34

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -266.609+/-1.447 χ^2/NDF : 2505.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

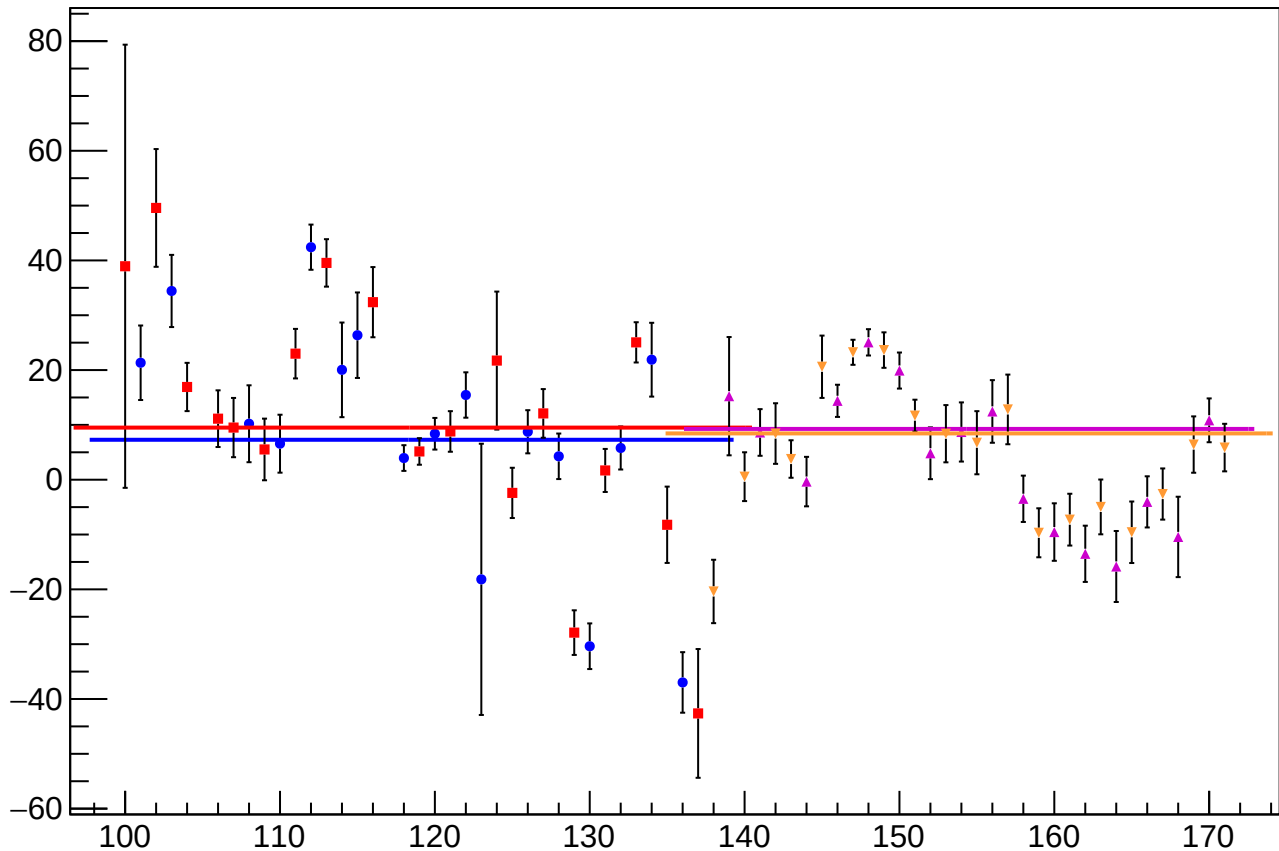
Left In: -288.823+/-1.529 χ^2/NDF : 677.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.099+/-1.051 χ^2/NDF : 3294.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 8.444 ± 0.985 χ^2/NDF : 151.5/17

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

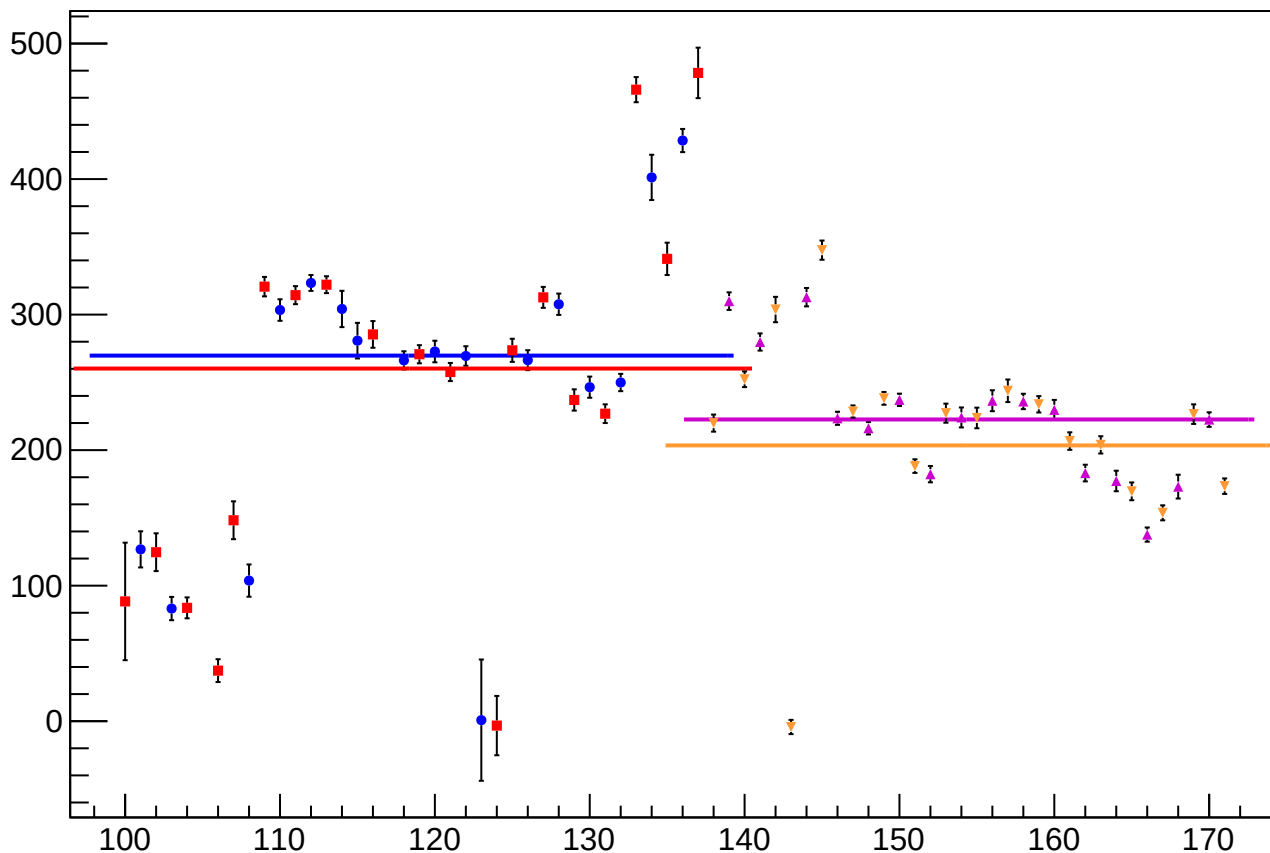
Left In: 9.265 ± 1.062 χ^2/NDF : 135.1/15

+ sign 7.919 ± 0.729 χ^2/NDF : 413.2/34

All: 8.625 ± 0.525 χ^2/NDF : 781.8/69

- sign 9.384 ± 0.755 χ^2/NDF : 366.6/34

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 203.484 $\pm$ 1.429 χ^2 /NDF: 2475.9/17

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

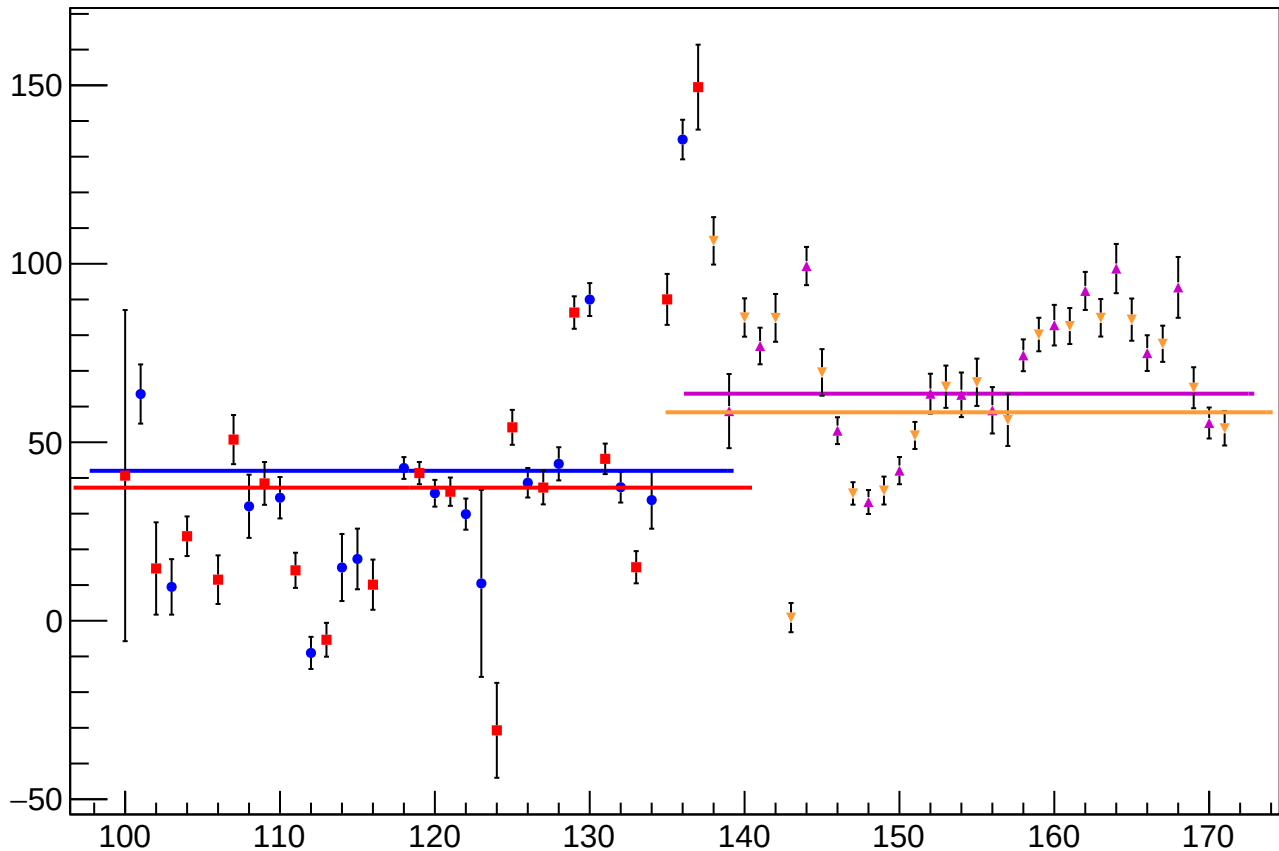
Left In: 222.629 $\pm$ 1.495 χ^2 /NDF: 876.8/15

+ sign 224.853 $\pm$ 1.176 χ^2 /NDF: 4543.3/34

All: 230.492 $\pm$ 0.837 χ^2 /NDF: 8238.0/69

- sign 236.286 $\pm$ 1.192 χ^2 /NDF: 3648.2/34

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 58.396 $\pm$ 1.170 χ^2/NDF : 488.3/17

Right Out: 37.284 $\pm$ 1.237 χ^2/NDF : 472.6/18

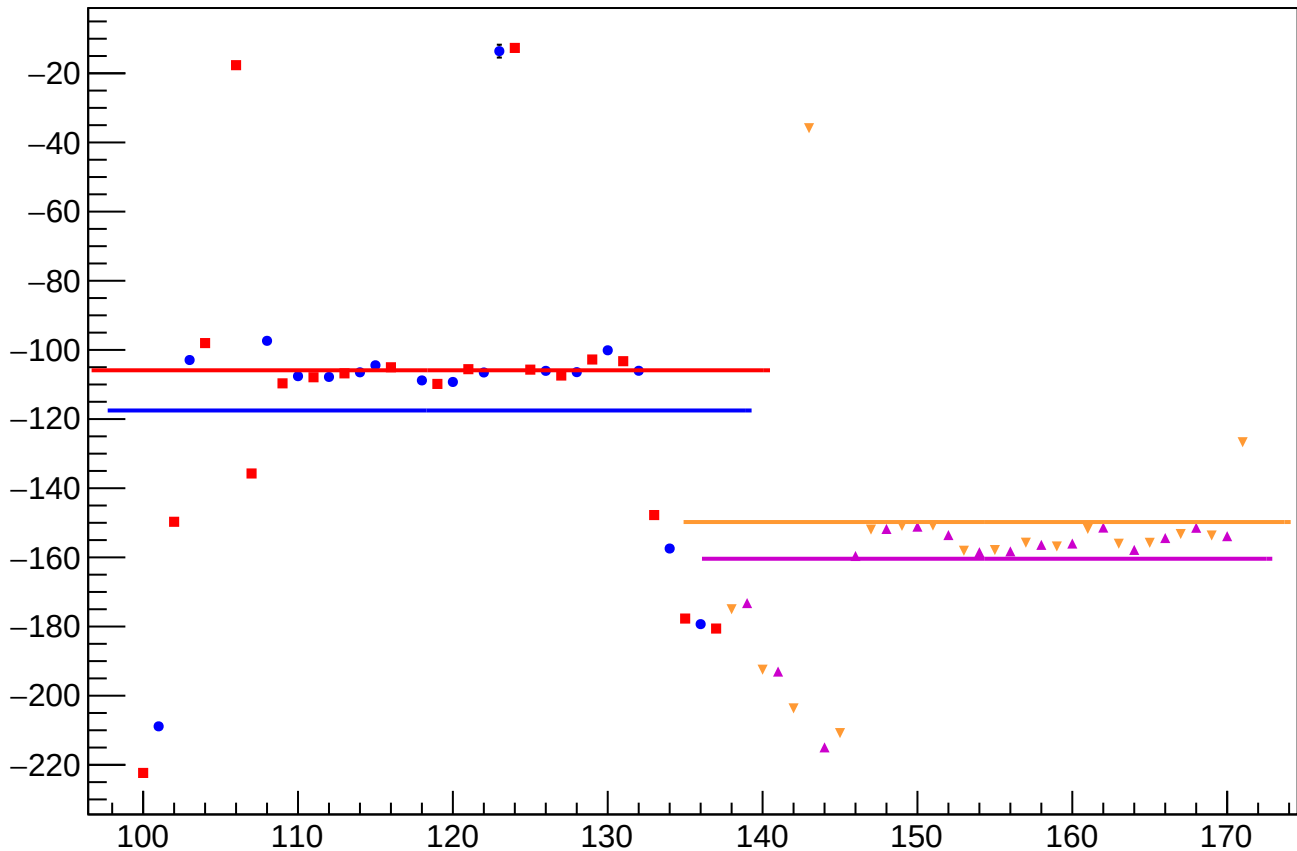
Left In: 63.613 $\pm$ 1.254 χ^2/NDF : 266.4/15

+ sign 50.778 $\pm$ 0.856 χ^2/NDF : 1155.1/34

All: 50.531 $\pm$ 0.614 χ^2/NDF : 2117.7/69

- sign 50.269 $\pm$ 0.881 χ^2/NDF : 962.4/34

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -149.777+/-0.057 χ^2/NDF : 418062.8/17

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

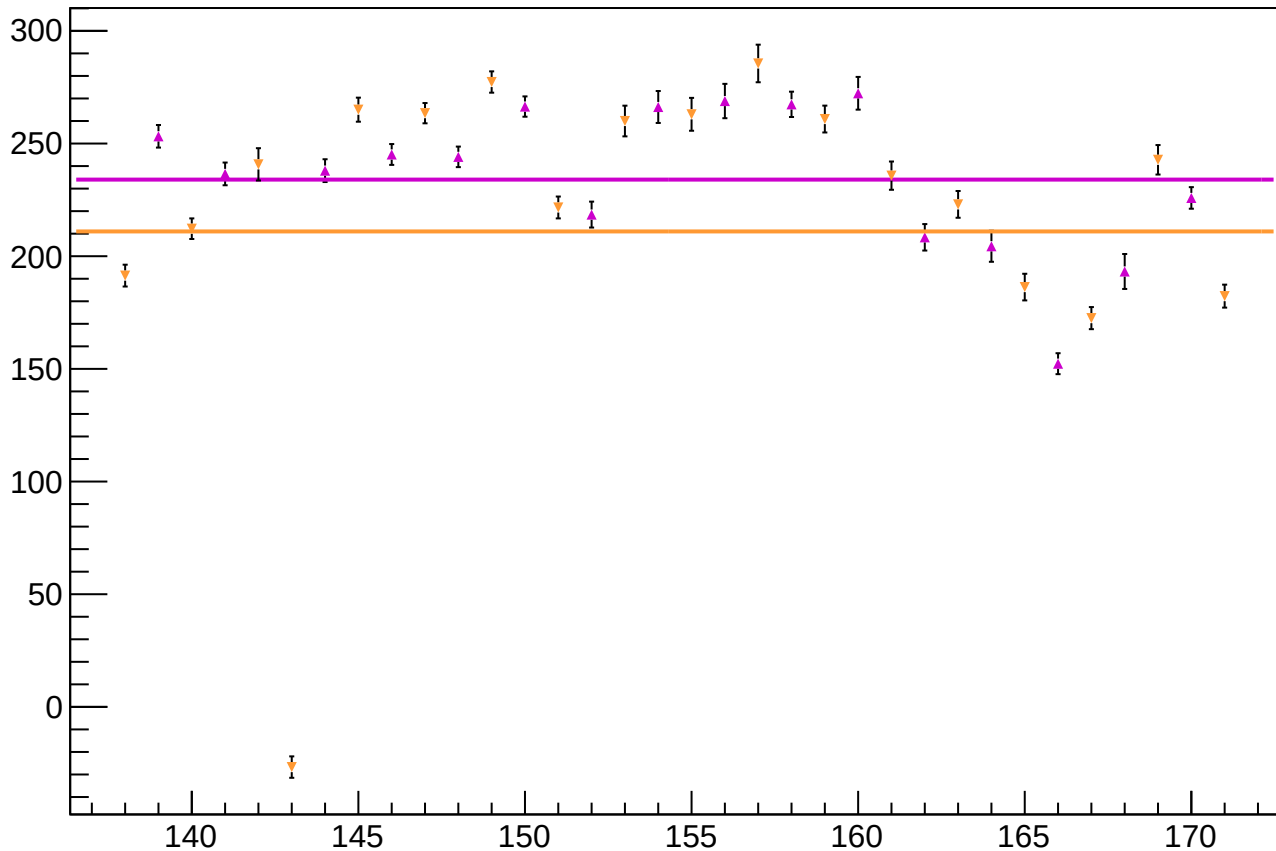
Left In: -160.396+/-0.059 χ^2/NDF : 62675.1/15

+ sign -138.587+/-0.046 χ^2/NDF : 671803.6/34

All: -138.585+/-0.033 χ^2/NDF : 1394976.5/69

- sign -138.582+/-0.046 χ^2/NDF : 723173.0/34

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 210.995+/-1.297 χ^2/NDF : 3379.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

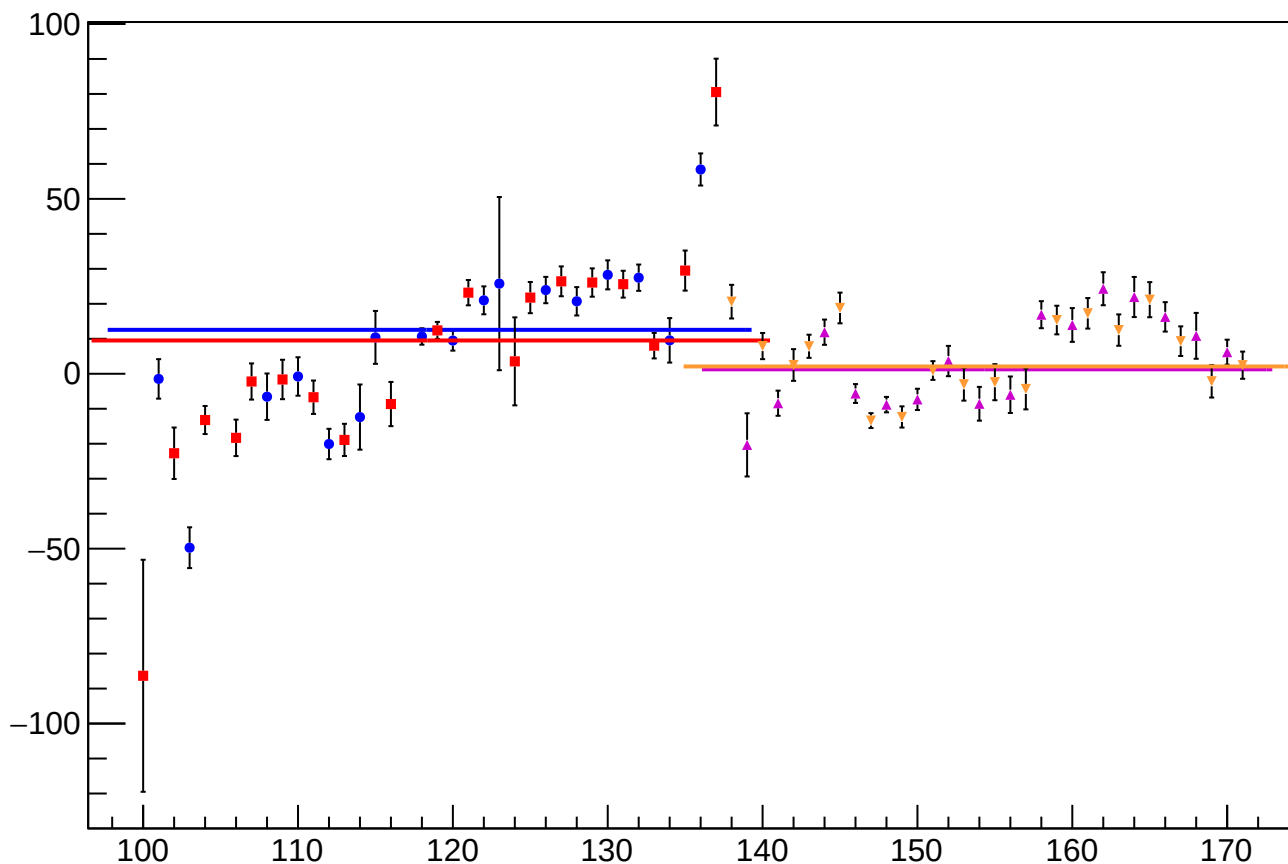
Left In: 233.996+/-1.365 χ^2/NDF : 566.8/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.909+/-0.940 χ^2/NDF : 4095.7/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 ± 1.056 χ^2/NDF : 347.7/16

Left Out: 2.092 ± 0.892 χ^2/NDF : 159.7/17

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

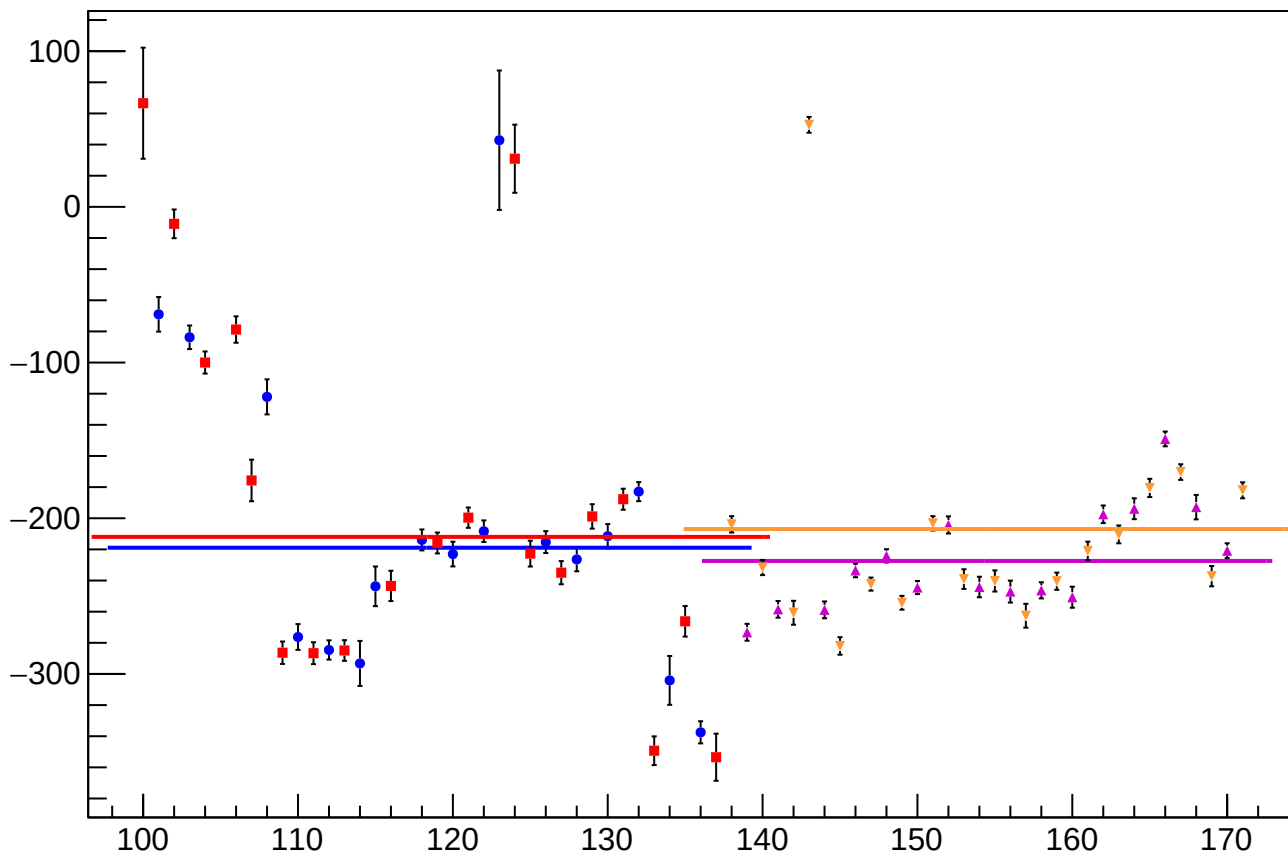
Left In: 1.268 ± 0.956 χ^2/NDF : 140.3/15

+ sign 6.453 ± 0.681 χ^2/NDF : 564.8/34

All: 5.757 ± 0.491 χ^2/NDF : 1037.3/69

- sign 5.007 ± 0.707 χ^2/NDF : 470.3/34

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -206.923 ± 1.285 χ^2/NDF : 3319.4/17

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

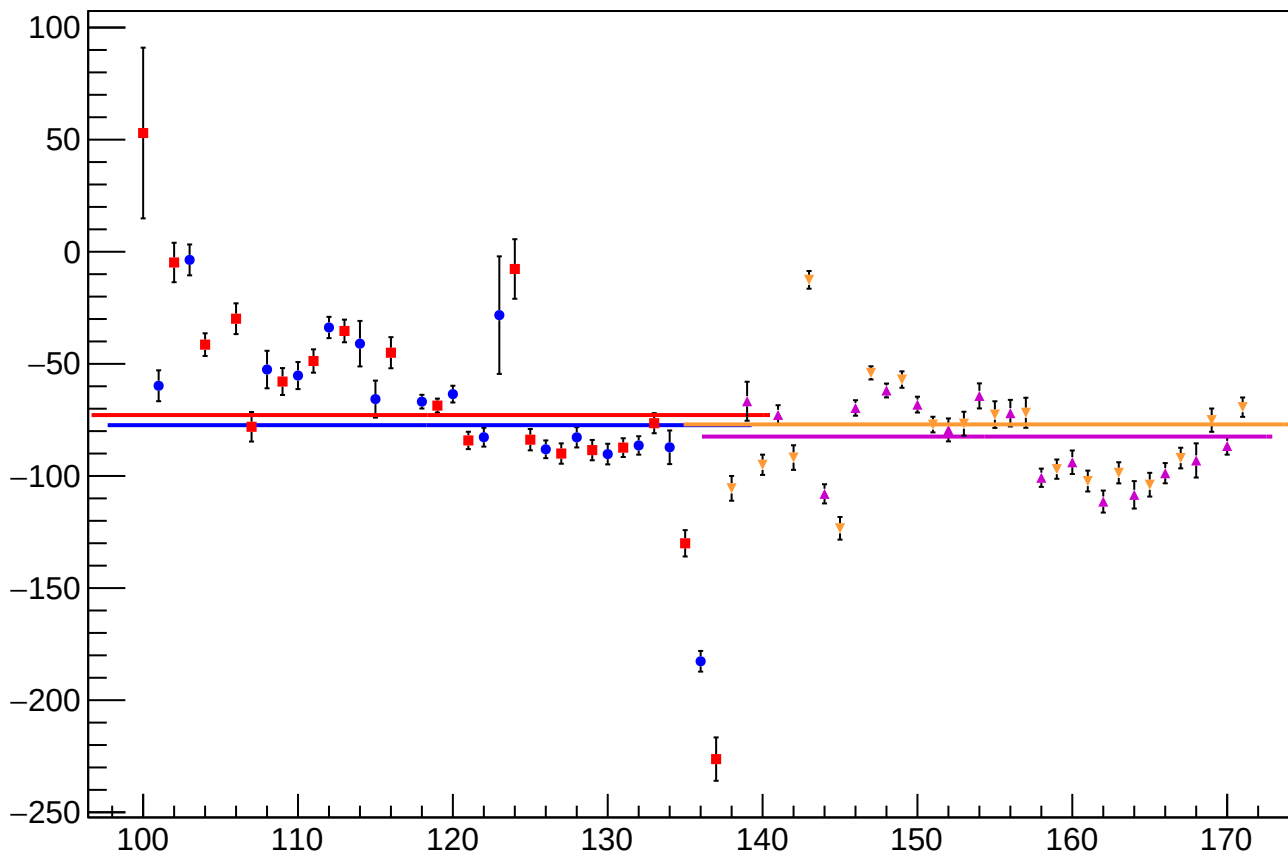
Left In: -227.431 ± 1.339 χ^2/NDF : 562.7/15

+ sign -210.417 ± 1.082 χ^2/NDF : 4491.4/34

All: -216.311 ± 0.771 χ^2/NDF : 7044.1/69

- sign -222.388 ± 1.099 χ^2/NDF : 2492.4/34

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -77.002 ± 1.057 χ^2/NDF : 603.8/17

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

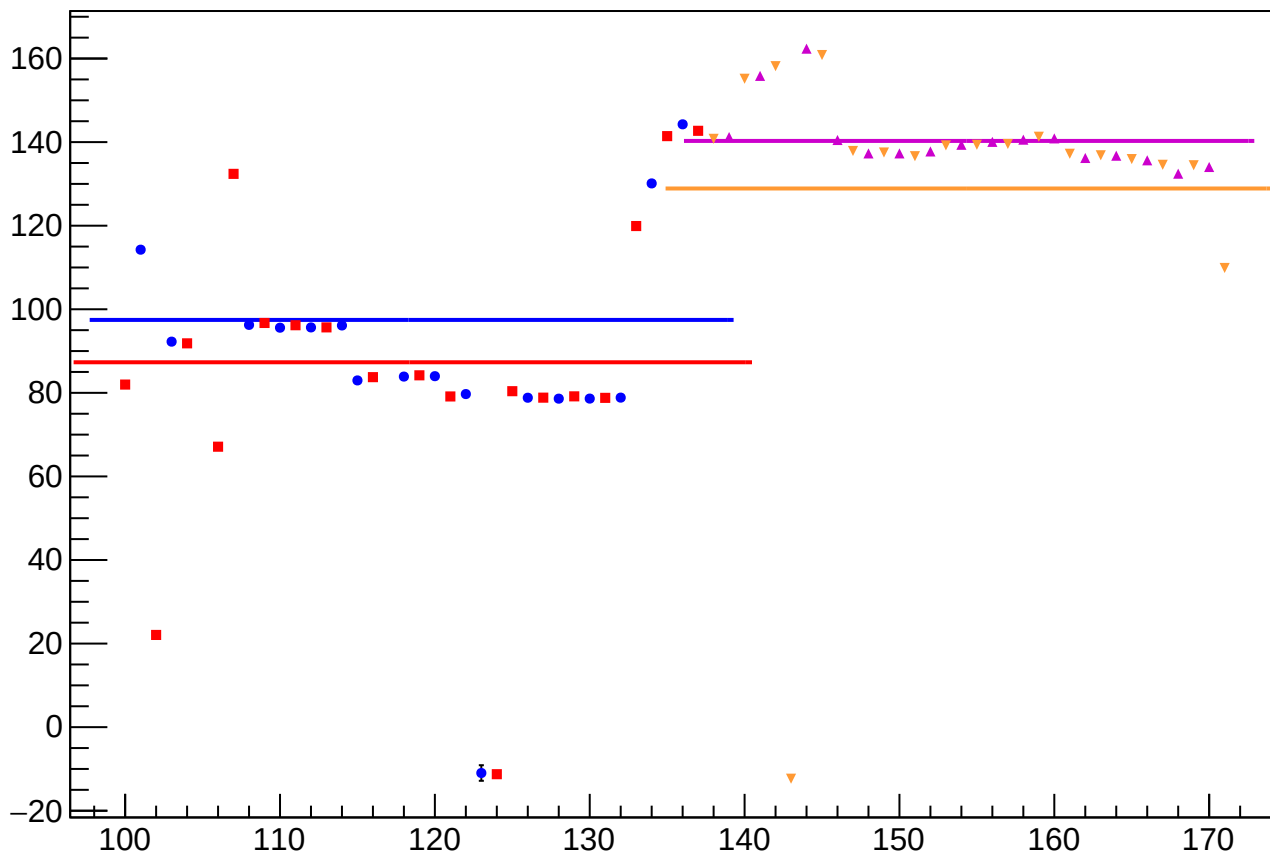
Left In: -82.433 ± 1.127 χ^2/NDF : 226.4/15

+ sign -77.148 ± 0.799 χ^2/NDF : 1421.1/34

All: -77.545 ± 0.574 χ^2/NDF : 2354.7/69

- sign -77.968 ± 0.824 χ^2/NDF : 933.0/34

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 128.901 $\pm$ 0.051 χ^2 /NDF: 562772.8/17

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

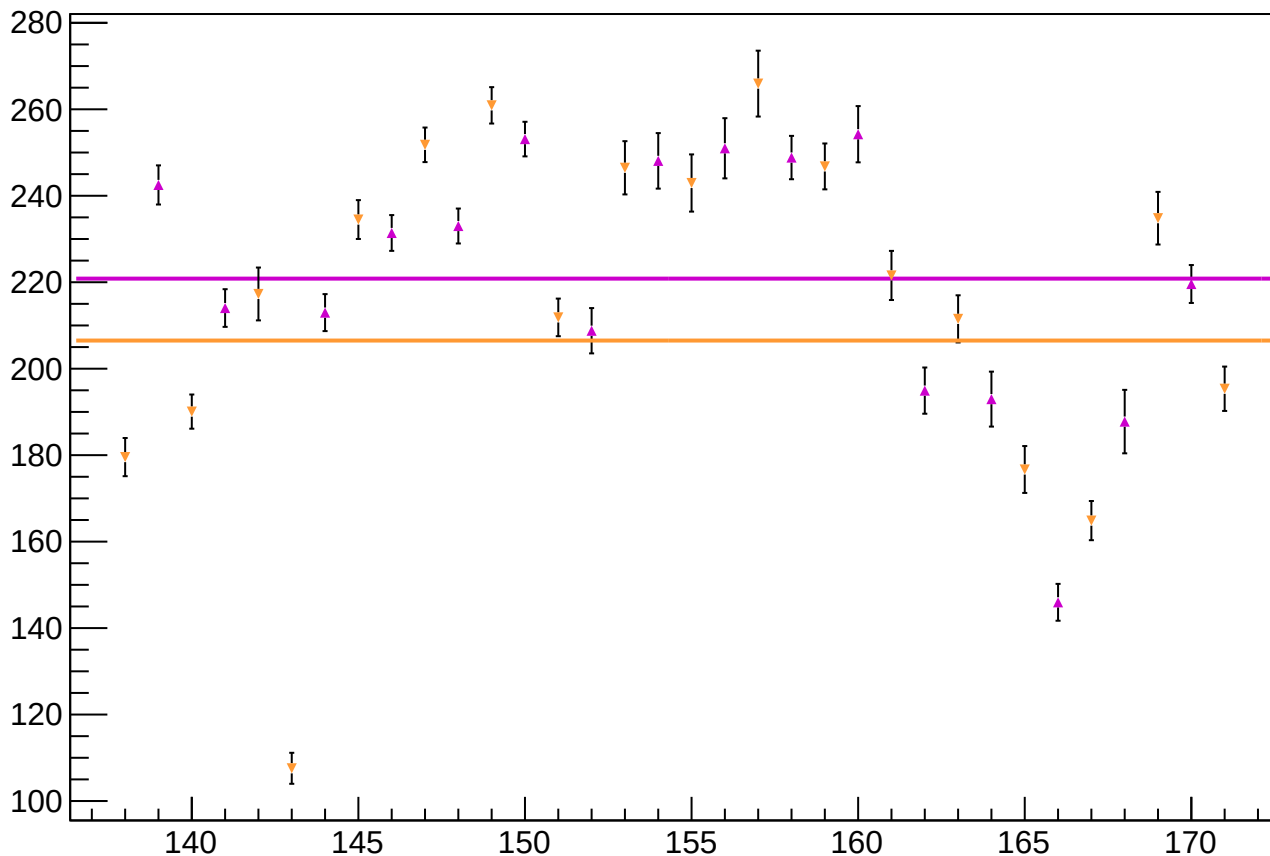
Left In: 140.283 $\pm$ 0.053 χ^2 /NDF: 17525.4/15

+ sign 118.615 $\pm$ 0.042 χ^2 /NDF: 781242.1/34

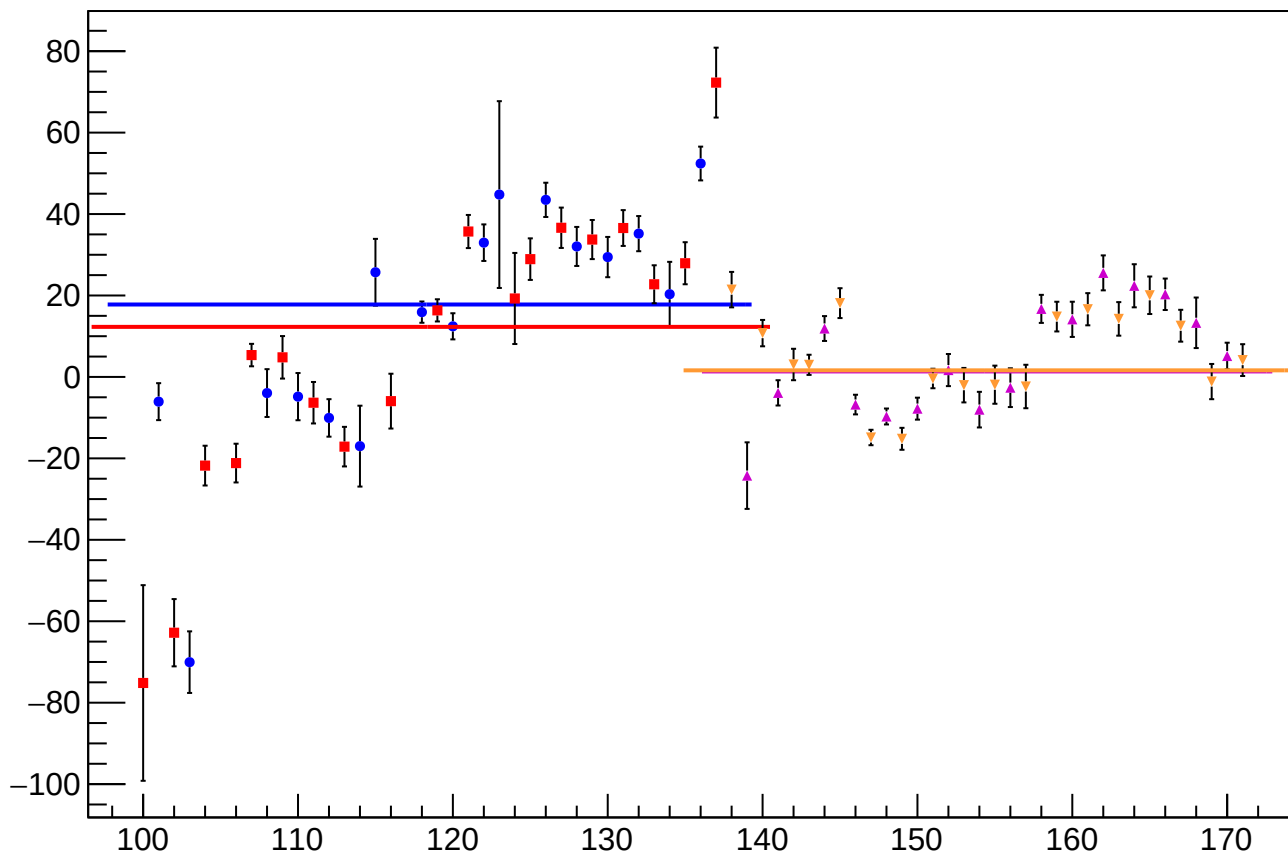
All: 119.428 $\pm$ 0.030 χ^2 /NDF: 1395903.7/69

- sign 120.243 $\pm$ 0.042 χ^2 /NDF: 613907.6/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 ± 1.146 χ^2/NDF : 395.1/16

Left Out: 1.616 ± 0.788 χ^2/NDF : 228.3/17

Right Out: 12.294 ± 1.086 χ^2/NDF : 443.7/18

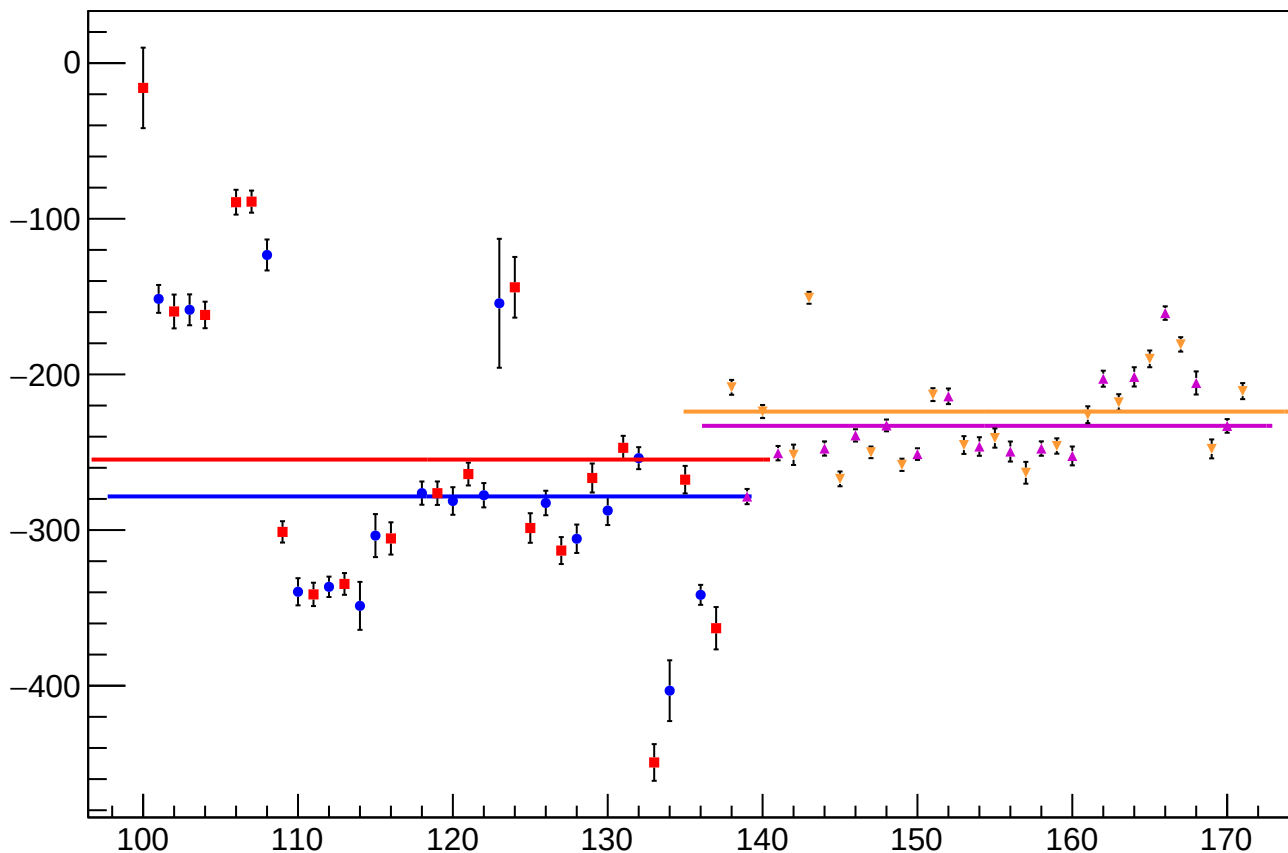
Left In: 1.347 ± 0.854 χ^2/NDF : 190.1/15

+ sign 6.807 ± 0.650 χ^2/NDF : 758.5/34

All: 6.189 ± 0.467 χ^2/NDF : 1457.0/69

- sign 5.530 ± 0.671 χ^2/NDF : 696.6/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 ± 2.168 χ^2/NDF : 910.5/16

Left Out: -223.870 ± 1.144 χ^2/NDF : 830.6/17

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

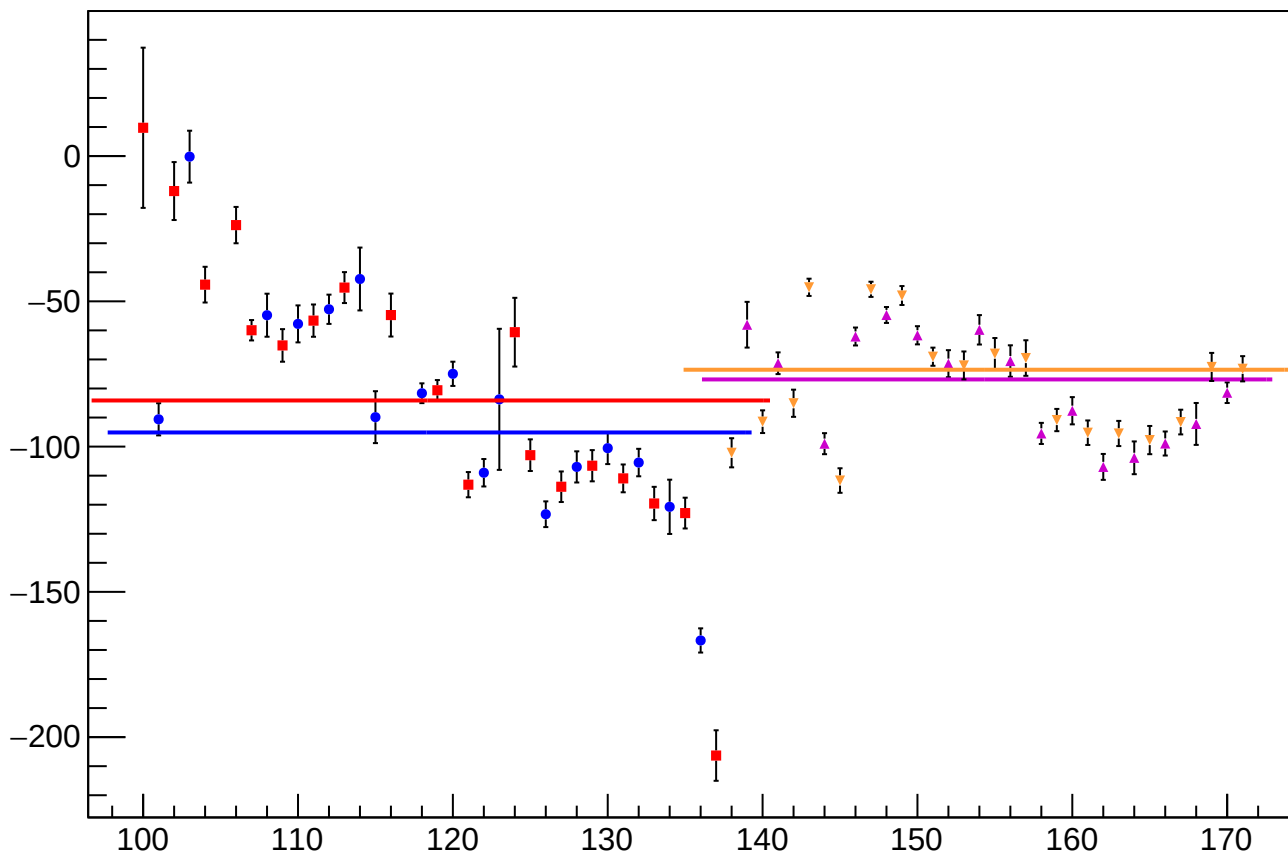
Left In: -233.031 ± 1.201 χ^2/NDF : 535.0/15

+ sign -235.742 ± 1.011 χ^2/NDF : 2236.0/34

All: -237.185 ± 0.722 χ^2/NDF : 4898.7/69

- sign -238.688 ± 1.032 χ^2/NDF : 2658.5/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -73.541 ± 0.937 χ^2/NDF : 525.3/17

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

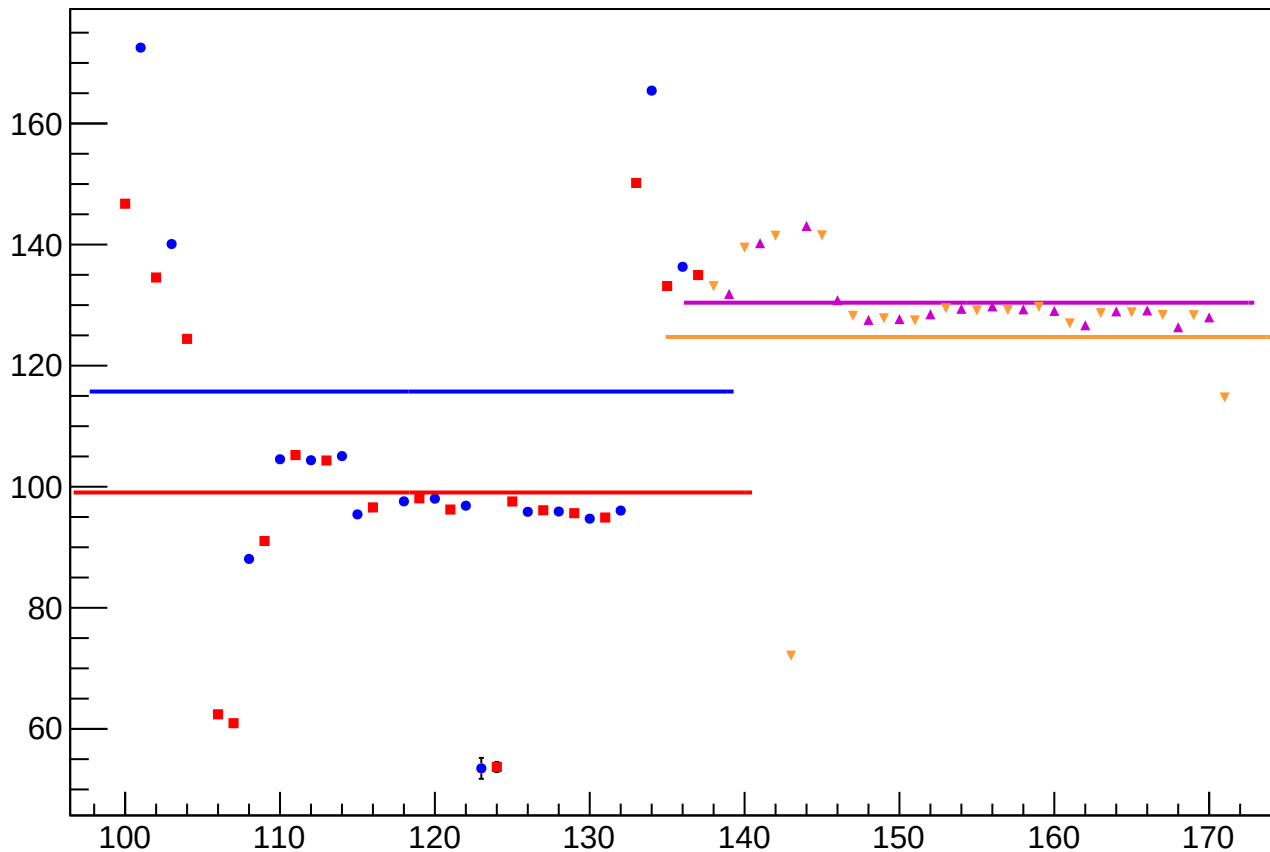
Left In: -76.883 ± 1.008 χ^2/NDF : 305.9/15

+ sign -80.754 ± 0.764 χ^2/NDF : 1377.7/34

All: -80.249 ± 0.548 χ^2/NDF : 2487.6/69

- sign -79.713 ± 0.787 χ^2/NDF : 1109.0/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 124.739 $\pm$ 0.046 χ^2 /NDF: 145689.0/17

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

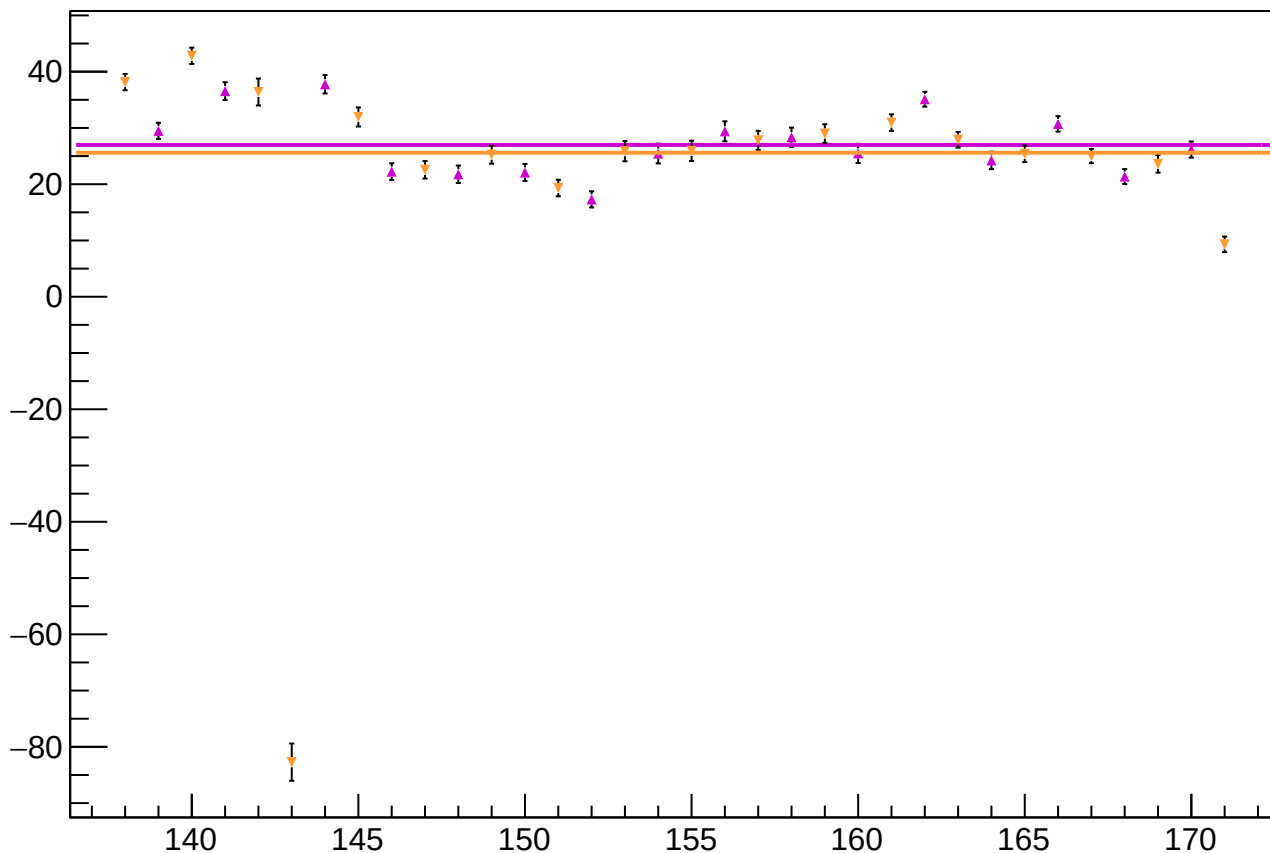
Left In: 130.402 $\pm$ 0.048 χ^2 /NDF: 8488.4/15

+ sign 122.441 $\pm$ 0.039 χ^2 /NDF: 262036.7/34

All: 121.281 $\pm$ 0.028 χ^2 /NDF: 586555.7/69

- sign 120.129 $\pm$ 0.039 χ^2 /NDF: 322787.1/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.597+/-0.374 χ^2/NDF :1503.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

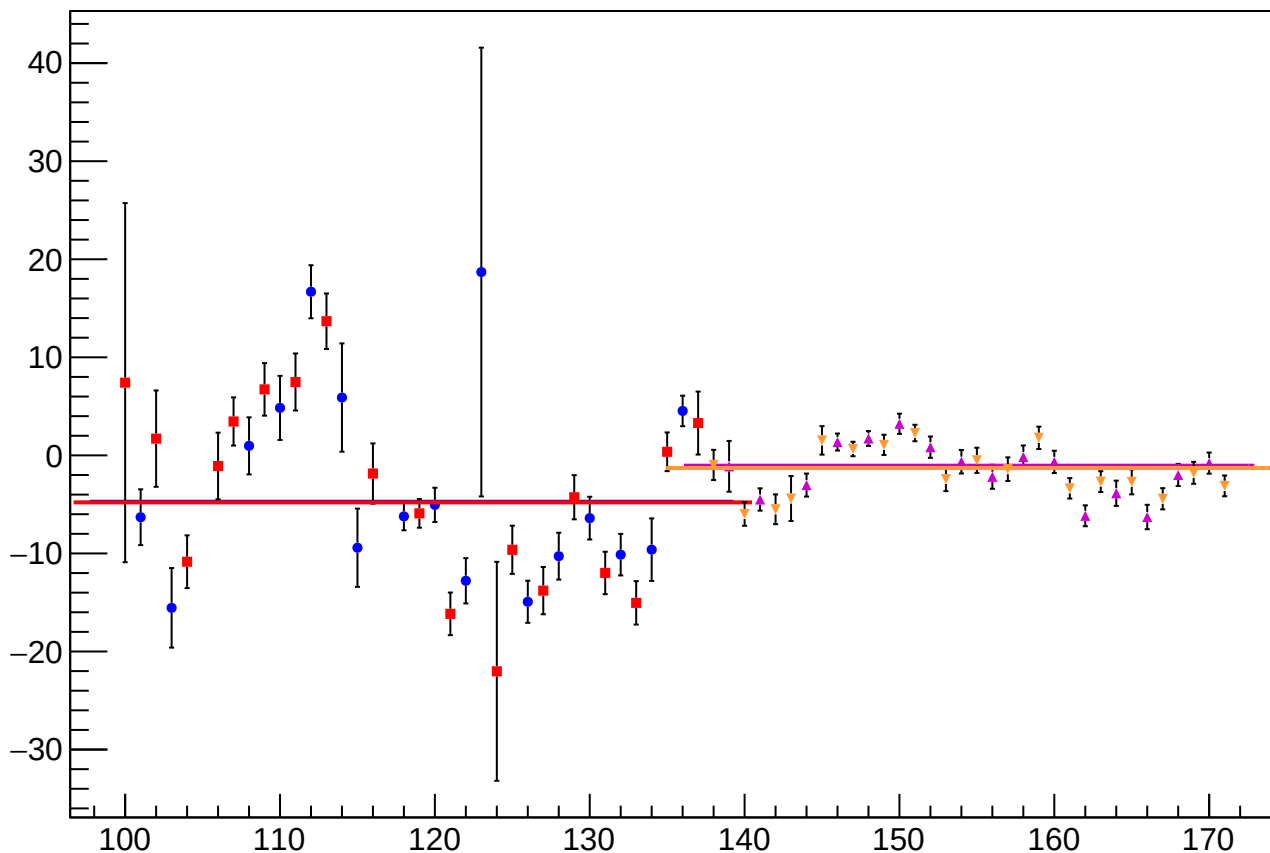
Left In: 26.985+/-0.380 χ^2/NDF :230.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.280+/-0.266 χ^2/NDF : 1740.5/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.291 ± 0.266 χ^2/NDF : 85.6/17

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

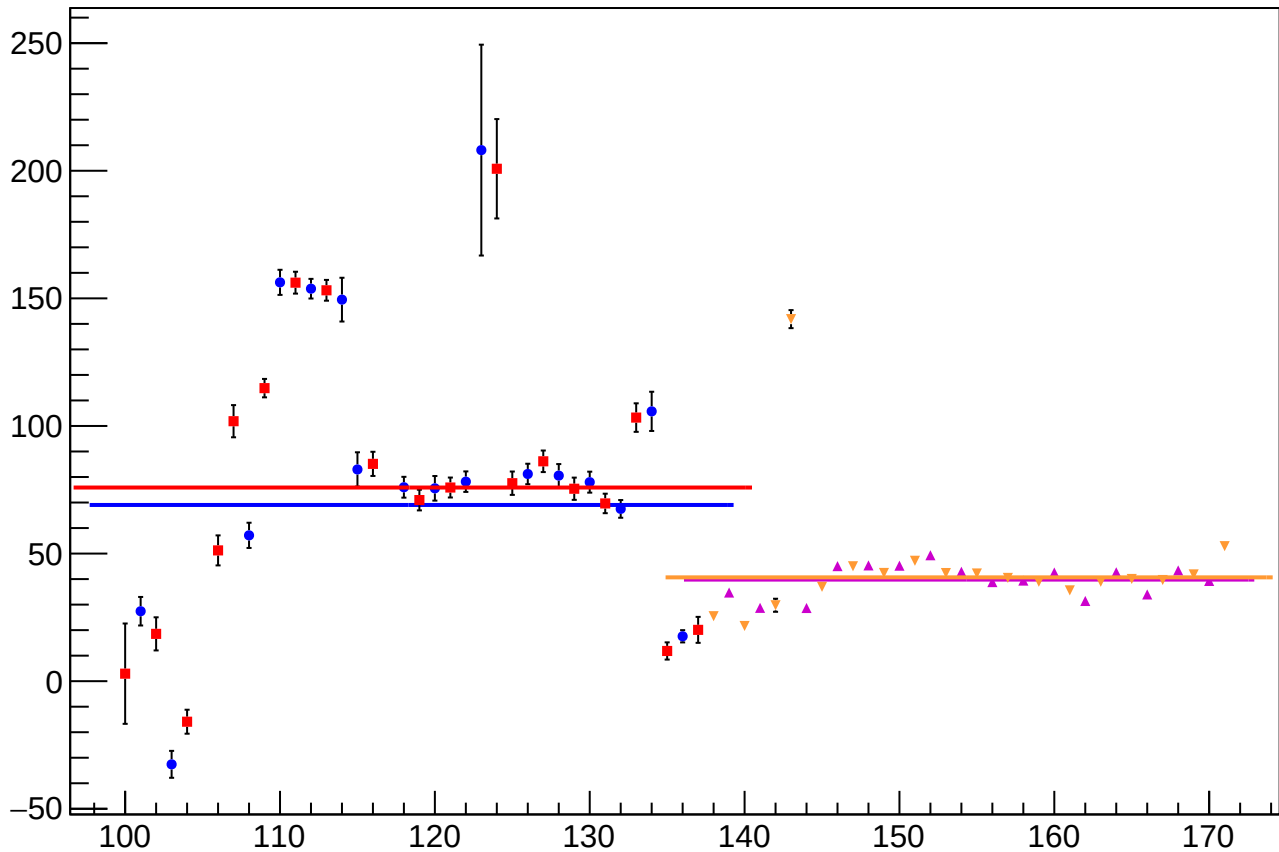
Left In: -1.052 ± 0.276 χ^2/NDF : 101.3/15

+ sign -1.891 ± 0.242 χ^2/NDF : 289.5/34

All: -1.813 ± 0.174 χ^2/NDF : 618.0/69

- sign -1.731 ± 0.249 χ^2/NDF : 328.2/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 ± 1.077 χ^2/NDF : 1847.9/16

Left Out: 40.679 ± 0.368 χ^2/NDF : 1214.2/17

Right Out: 75.878 ± 1.069 χ^2/NDF : 1895.0/18

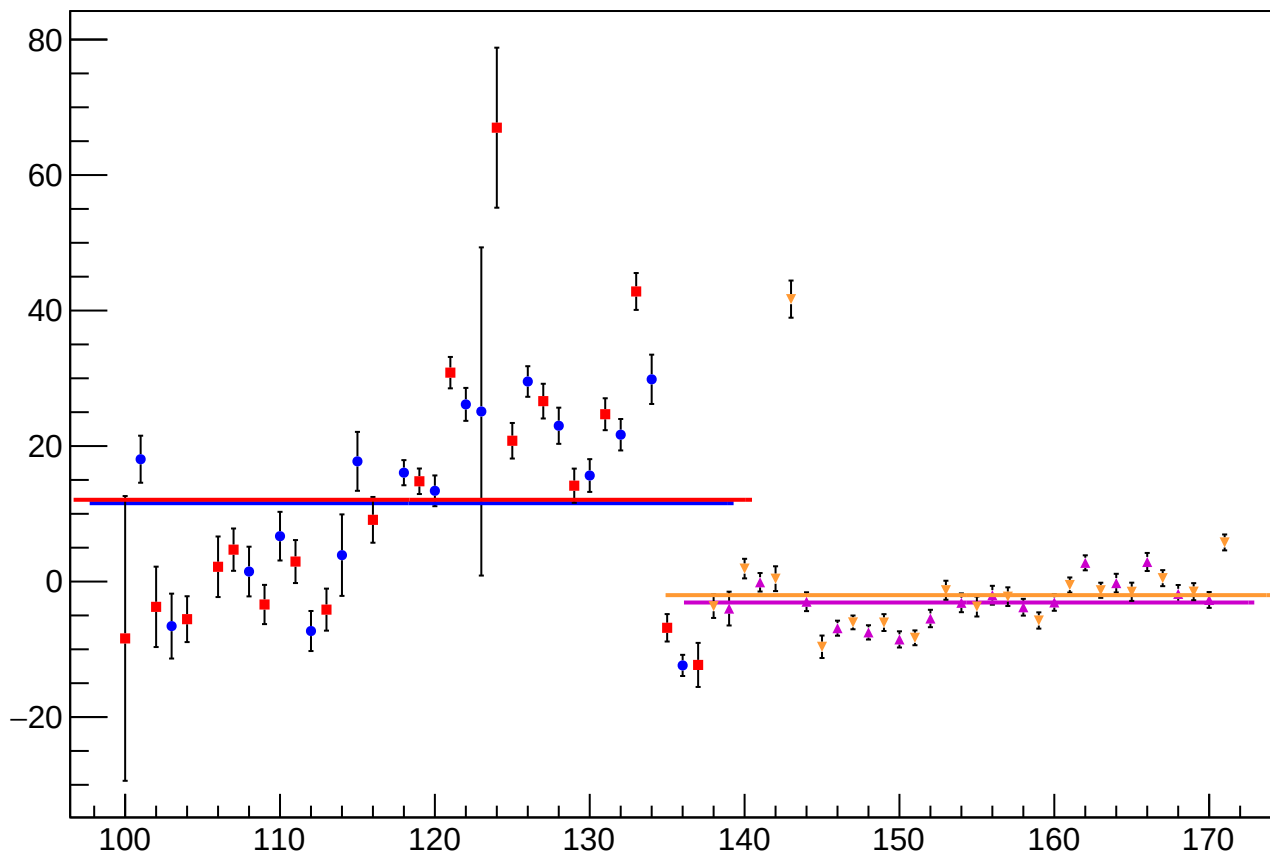
Left In: 39.800 ± 0.372 χ^2/NDF : 263.2/15

+ sign 43.643 ± 0.348 χ^2/NDF : 3683.8/34

All: 43.669 ± 0.247 χ^2/NDF : 6857.2/69

- sign 43.695 ± 0.351 χ^2/NDF : 3173.4/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -2.004 $\pm$ 0.309 χ^2 /NDF:406.4/17

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

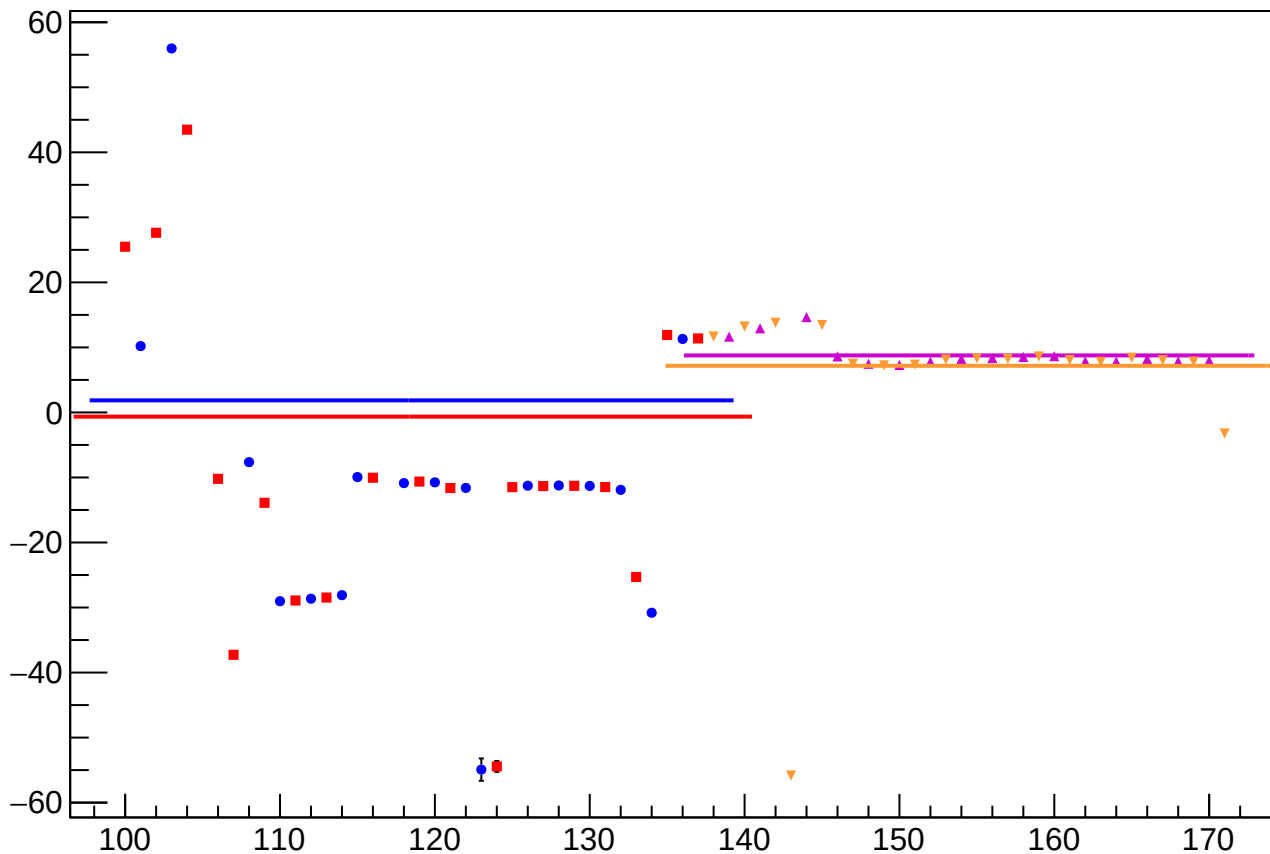
Left In: -3.092 $\pm$ 0.319 χ^2 /NDF:112.7/15

+ sign 0.444 $\pm$ 0.280 χ^2 /NDF: 1232.9/34

All: 0.109 $\pm$ 0.201 χ^2 /NDF: 2314.8/69

- sign -0.246 $\pm$ 0.288 χ^2 /NDF: 1078.9/34

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 $\pm$ 0.037 χ^2 /NDF: 359414.1/16

Left Out: 7.172 $\pm$ 0.014 χ^2 /NDF: 271499.6/17

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361625.7/18

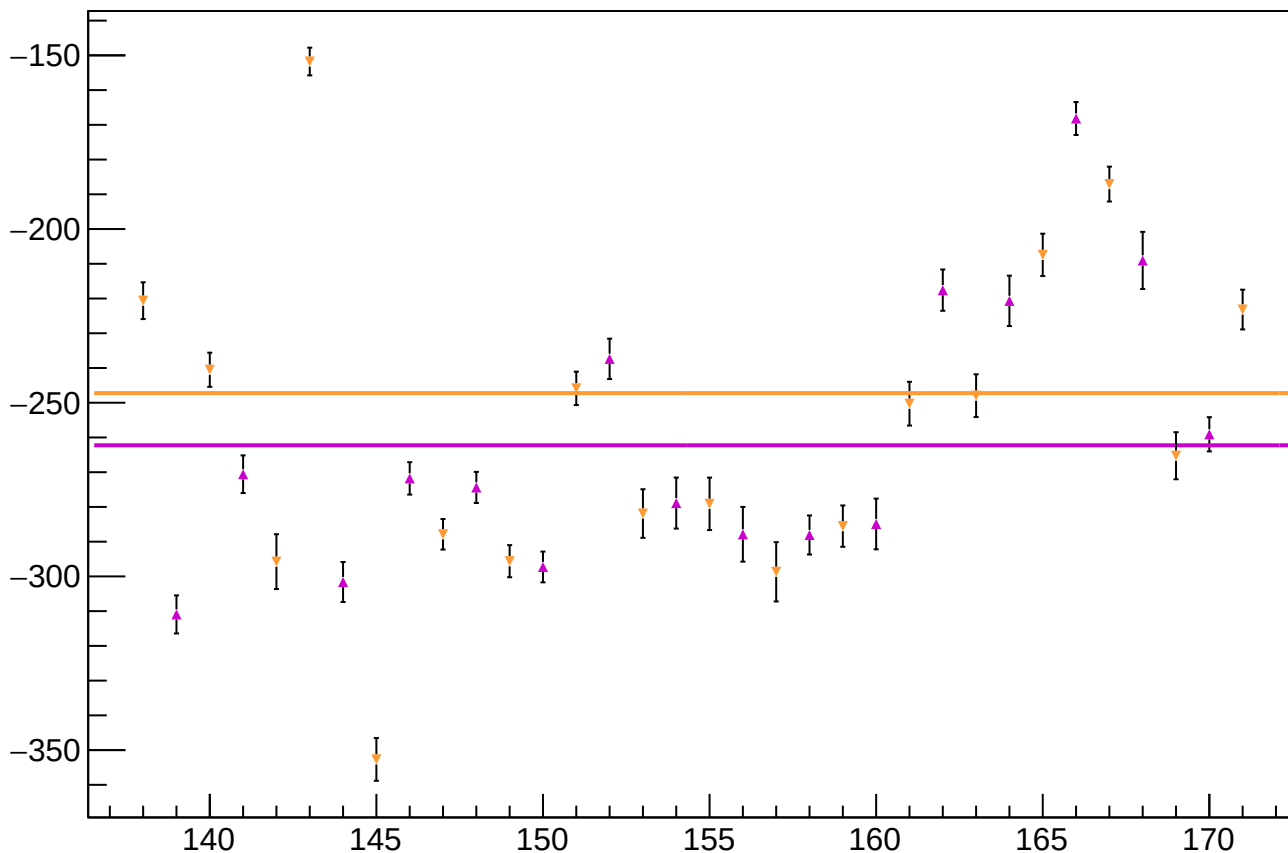
Left In: 8.767 $\pm$ 0.015 χ^2 /NDF: 15109.0/15

+ sign 6.481 $\pm$ 0.013 χ^2 /NDF: 648879.8/34

All: 6.987 $\pm$ 0.010 χ^2 /NDF: 1084422.4/69

- sign 7.508 $\pm$ 0.014 χ^2 /NDF: 432621.7/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -247.229+/-1.319 χ^2/NDF : 1457.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

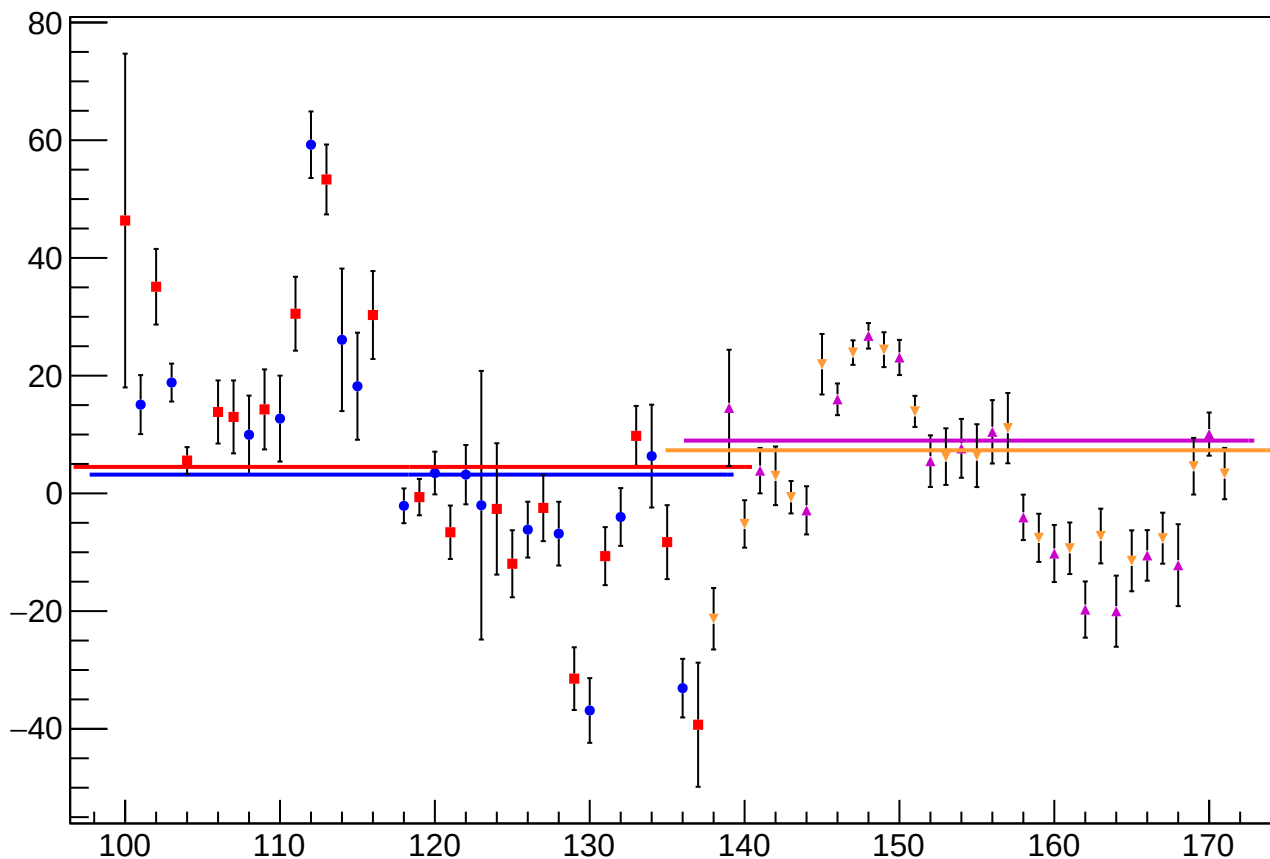
Left In: -262.252+/-1.405 χ^2/NDF : 791.9/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.270+/-0.962 χ^2/NDF : 2309.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 7.328 ± 0.896 χ^2/NDF : 224.2/17

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

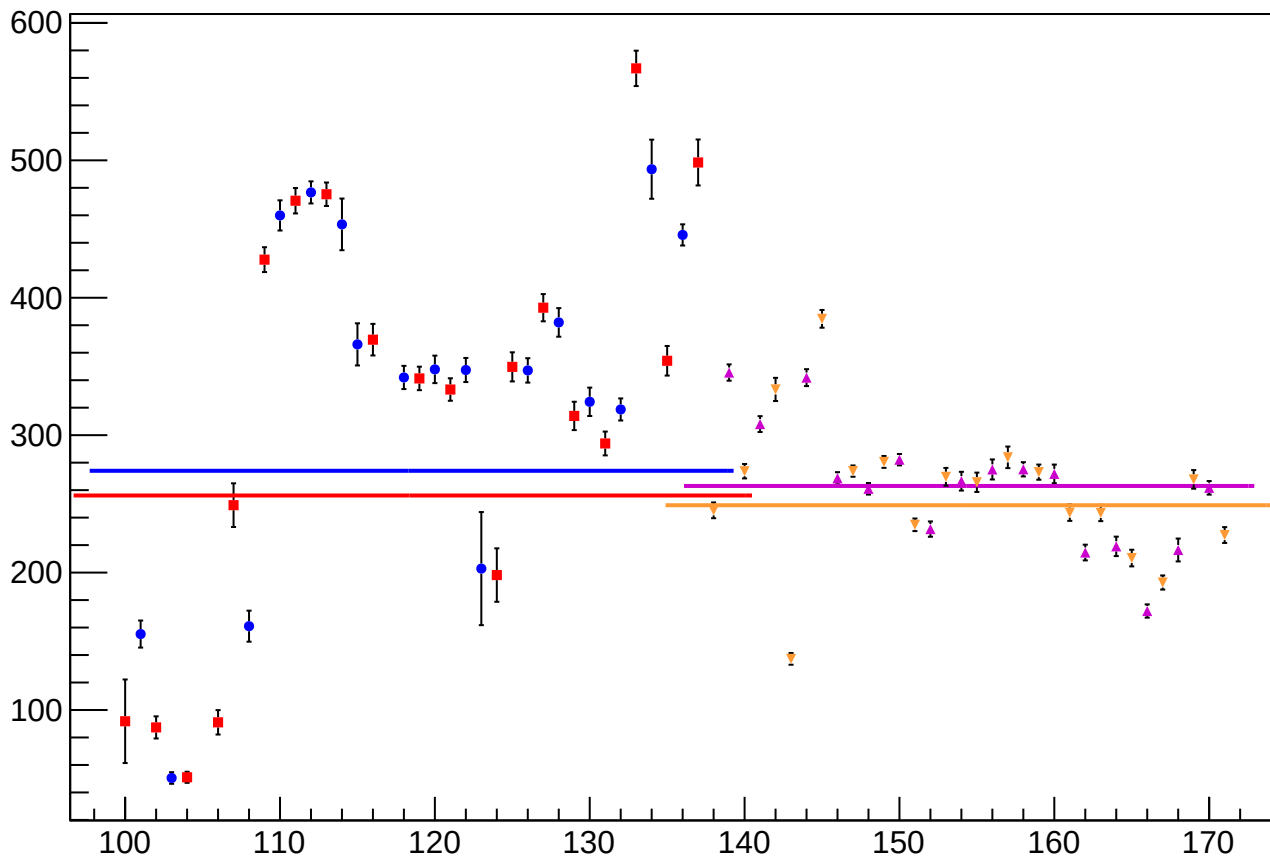
Left In: 8.970 ± 0.973 χ^2/NDF : 223.8/15

+ sign 5.886 ± 0.723 χ^2/NDF : 487.2/34

All: 6.485 ± 0.519 χ^2/NDF : 946.6/69

- sign 7.122 ± 0.745 χ^2/NDF : 458.0/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 249.009 $\pm$ 1.306 χ^2 /NDF:1590.7/17

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

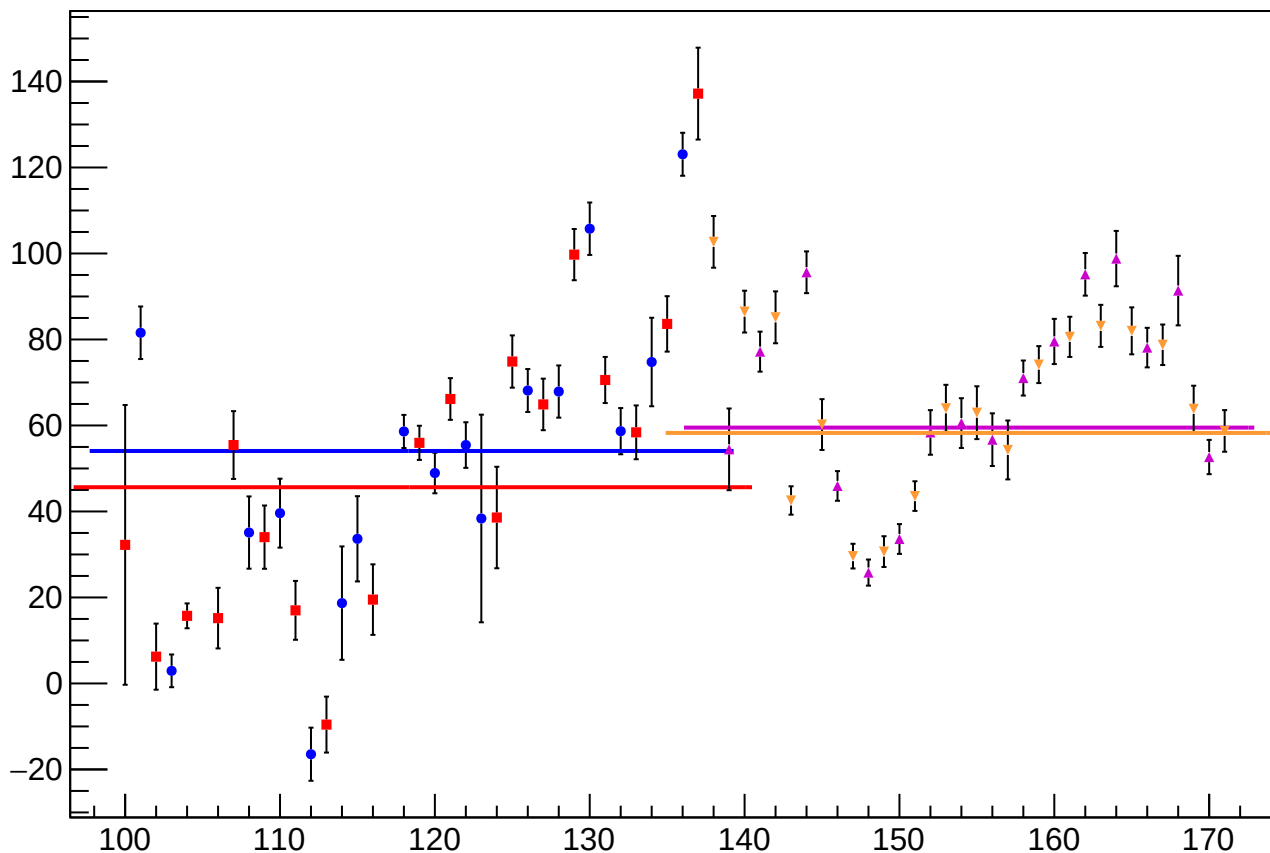
Left In: 263.041 $\pm$ 1.373 χ^2 /NDF:980.0/15

+ sign 255.580 $\pm$ 1.122 χ^2 /NDF: 6799.3/34

All: 258.201 $\pm$ 0.802 χ^2 /NDF: 14242.2/69

- sign 260.938 $\pm$ 1.146 χ^2 /NDF: 7431.8/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 58.263 $\pm$ 1.066 χ^2 /NDF: 411.5/17

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

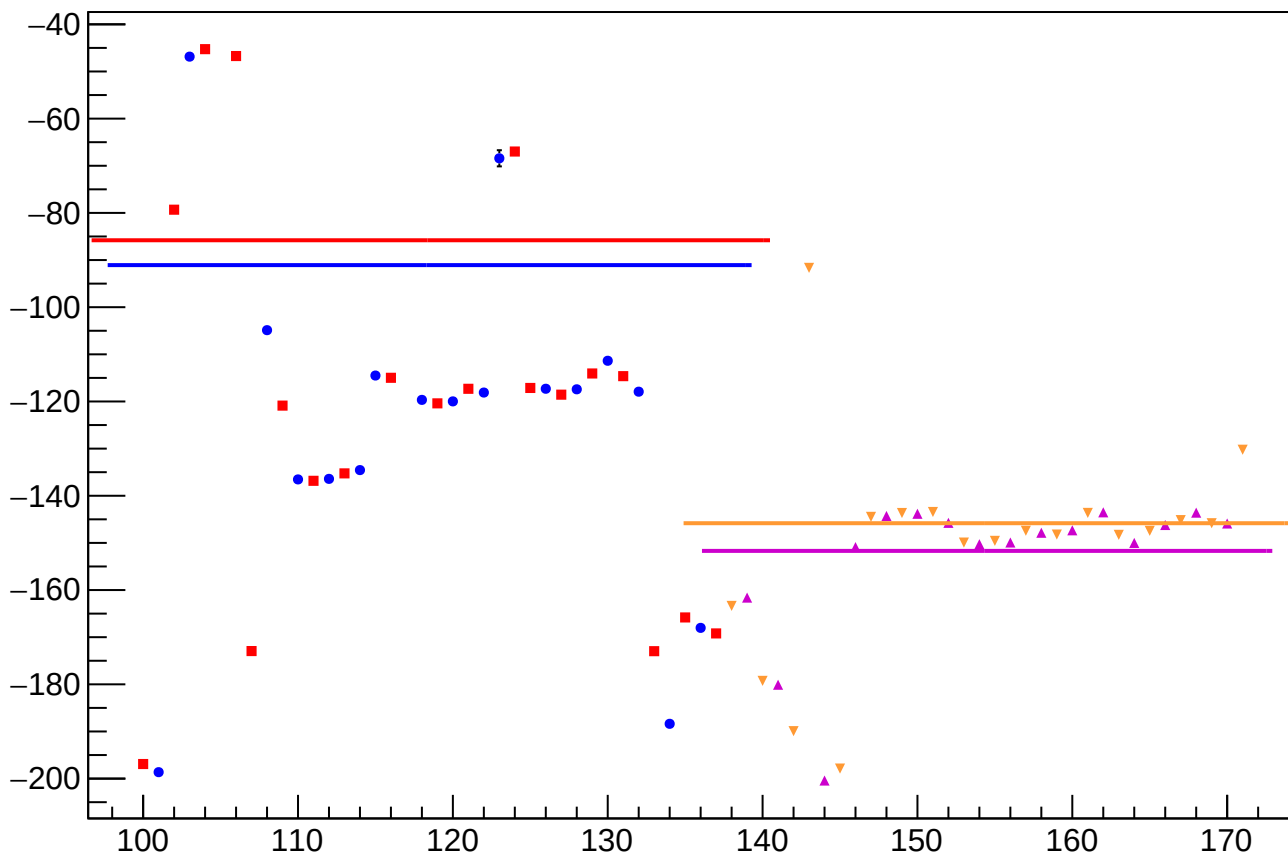
Left In: 59.504 $\pm$ 1.150 χ^2 /NDF: 411.3/15

+ sign 56.751 $\pm$ 0.853 χ^2 /NDF: 1051.5/34

All: 55.278 $\pm$ 0.612 χ^2 /NDF: 2060.3/69

- sign 53.716 $\pm$ 0.878 χ^2 /NDF: 1002.7/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 χ^2/NDF : 534647.5/16

Left Out: -145.823 ± 0.052 χ^2/NDF : 193415.4/17

Right Out: -85.803 ± 0.065 χ^2/NDF : 495895.1/18

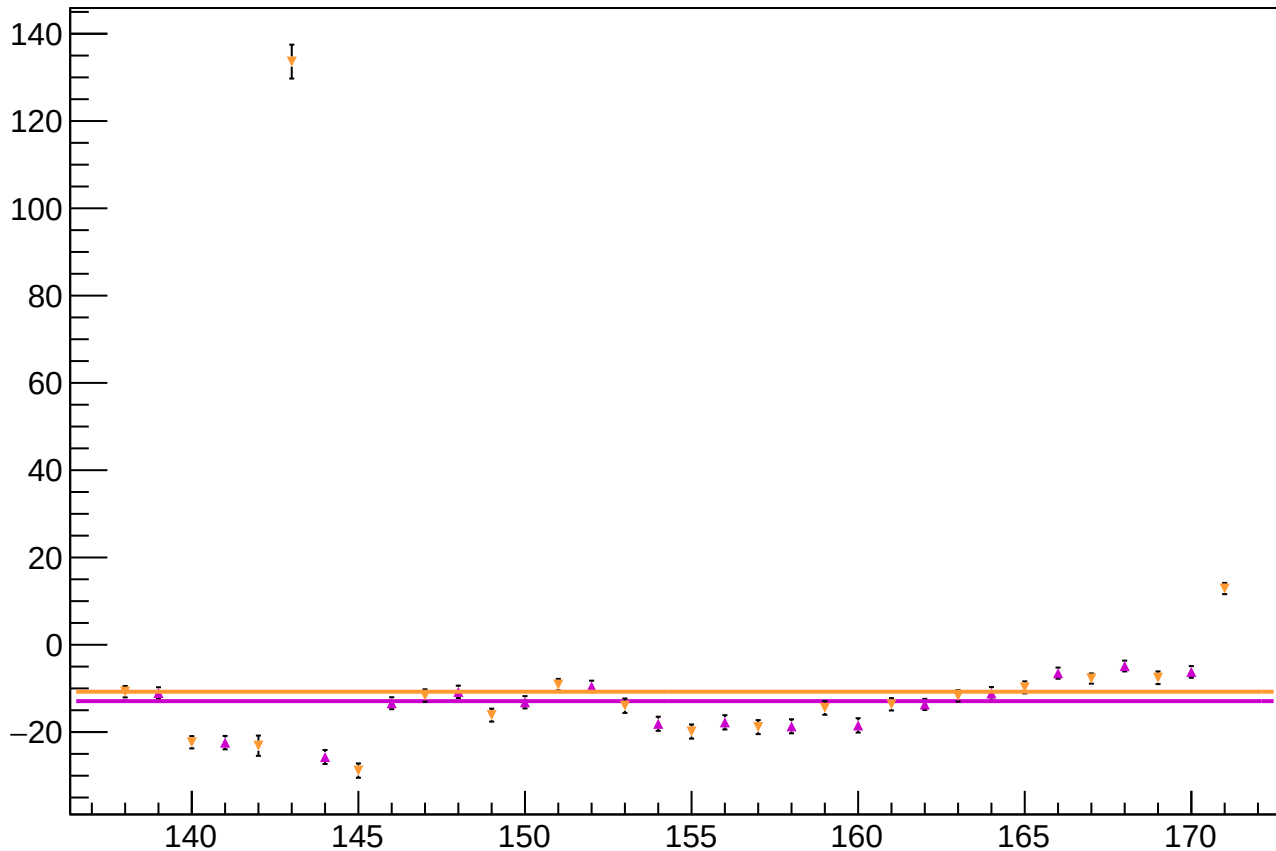
Left In: -151.695 ± 0.055 χ^2/NDF : 58632.1/15

+ sign -125.398 ± 0.041 χ^2/NDF : 1140145.5/34

All: -124.910 ± 0.029 χ^2/NDF : 2296270.6/69

- sign -124.408 ± 0.042 χ^2/NDF : 1155841.7/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.753+/-0.350 χ^2/NDF : 2033.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

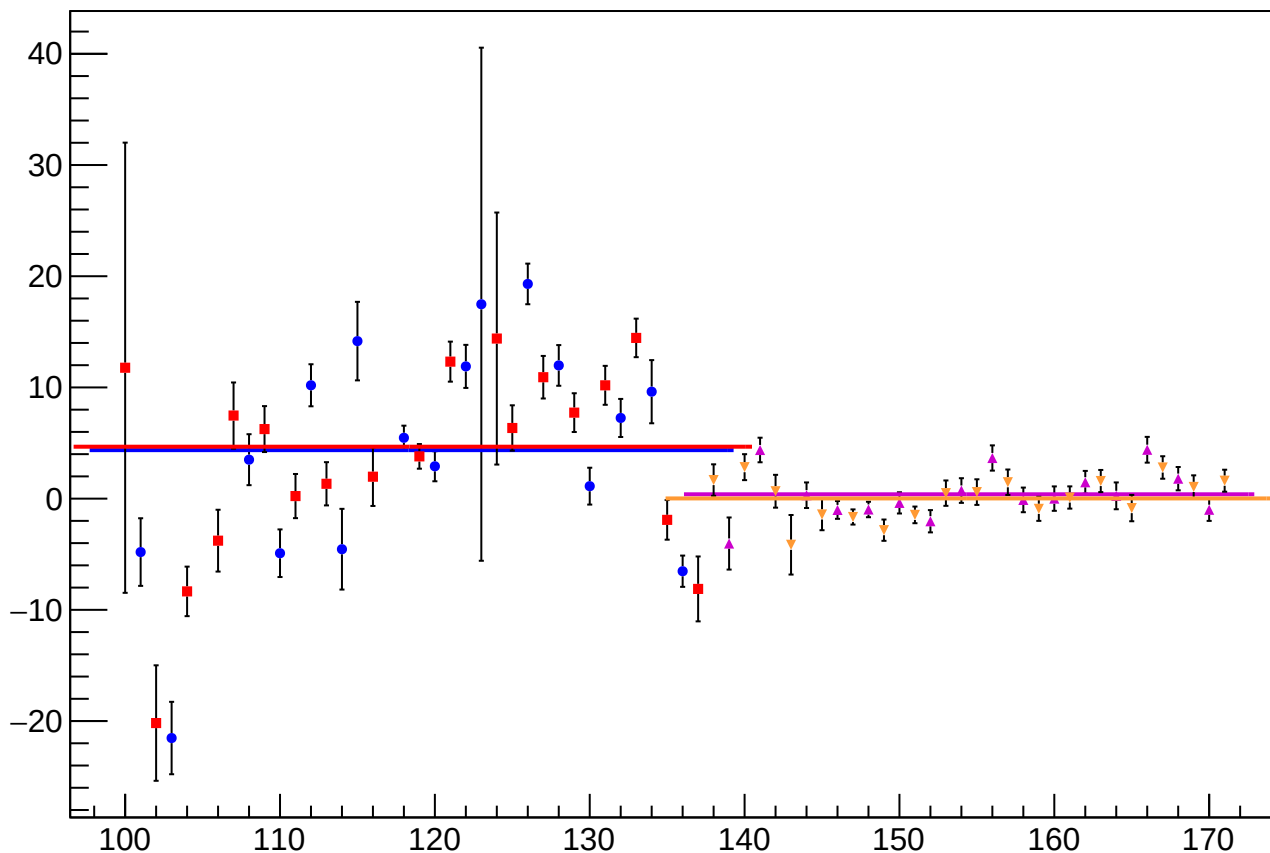
Left In: -12.915+/-0.355 χ^2/NDF : 250.3/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.818+/-0.249 χ^2/NDF : 2302.1/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: 0.018 ± 0.249 $\chi^2/\text{NDF}: 46.6/17$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

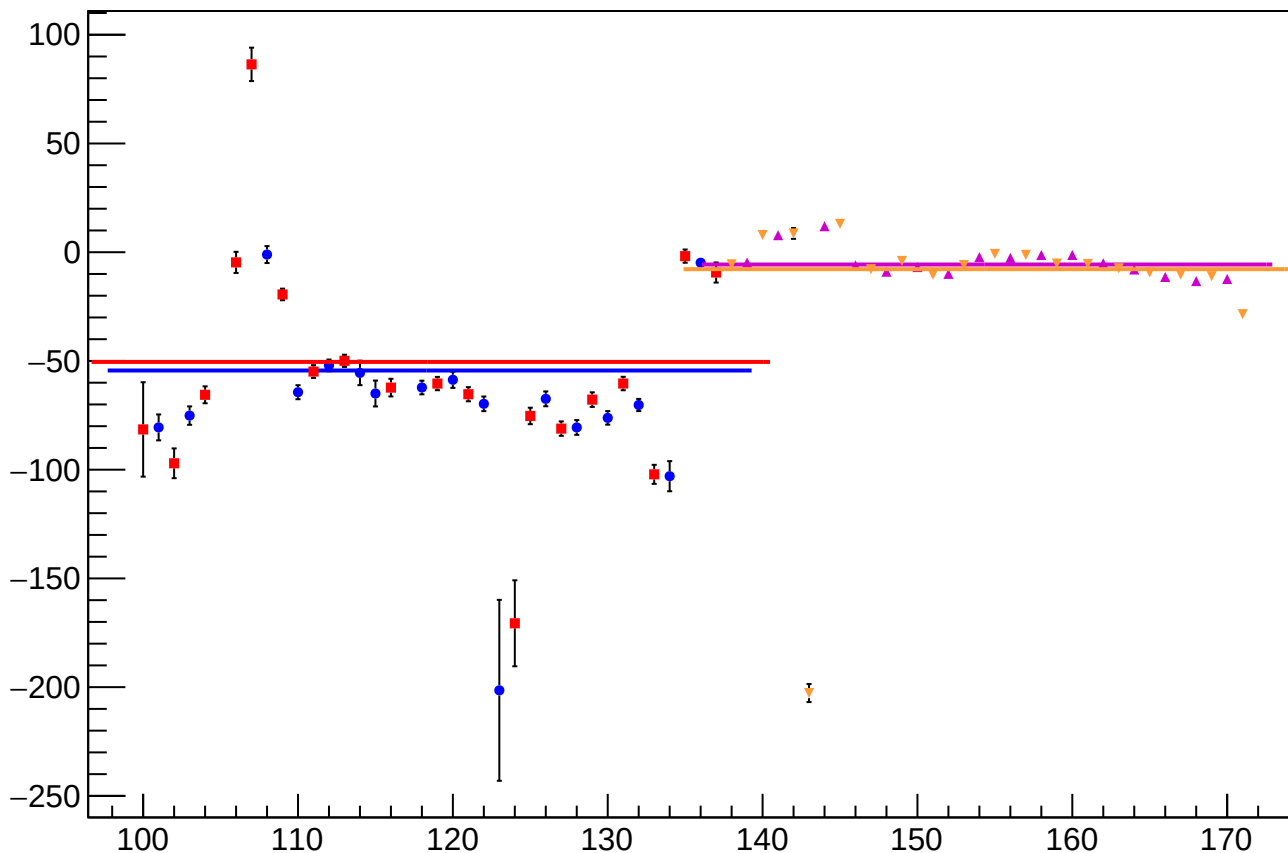
Left In: 0.390 ± 0.258 $\chi^2/\text{NDF}: 55.5/15$

+ sign 0.987 ± 0.219 $\chi^2/\text{NDF}: 401.0/34$

All: 1.172 ± 0.158 $\chi^2/\text{NDF}: 706.2/69$

- sign 1.368 ± 0.227 $\chi^2/\text{NDF}: 303.8/34$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392+/-0.863 χ^2/NDF : 1013.4/16

Left Out: -7.791+/-0.344 χ^2/NDF : 2841.2/17

Right Out: -50.441+/-0.857 χ^2/NDF : 1324.7/18

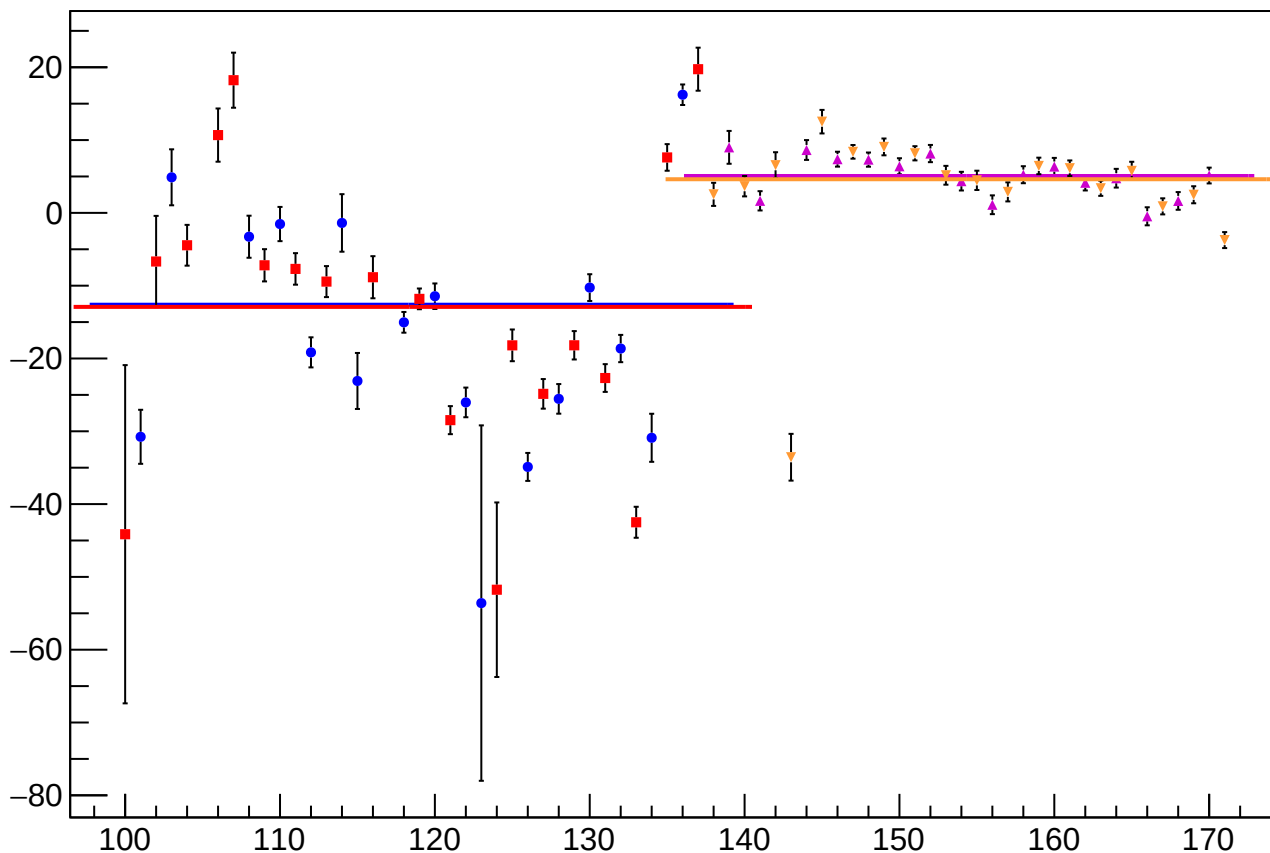
Left In: -5.648+/-0.348 χ^2/NDF : 301.8/15

+ sign -14.184+/-0.319 χ^2/NDF : 6373.2/34

All: -13.090+/-0.227 χ^2/NDF : 10367.1/69

- sign -11.976+/-0.322 χ^2/NDF : 3970.2/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 4.620 ± 0.289 χ^2/NDF : 294.4/17

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

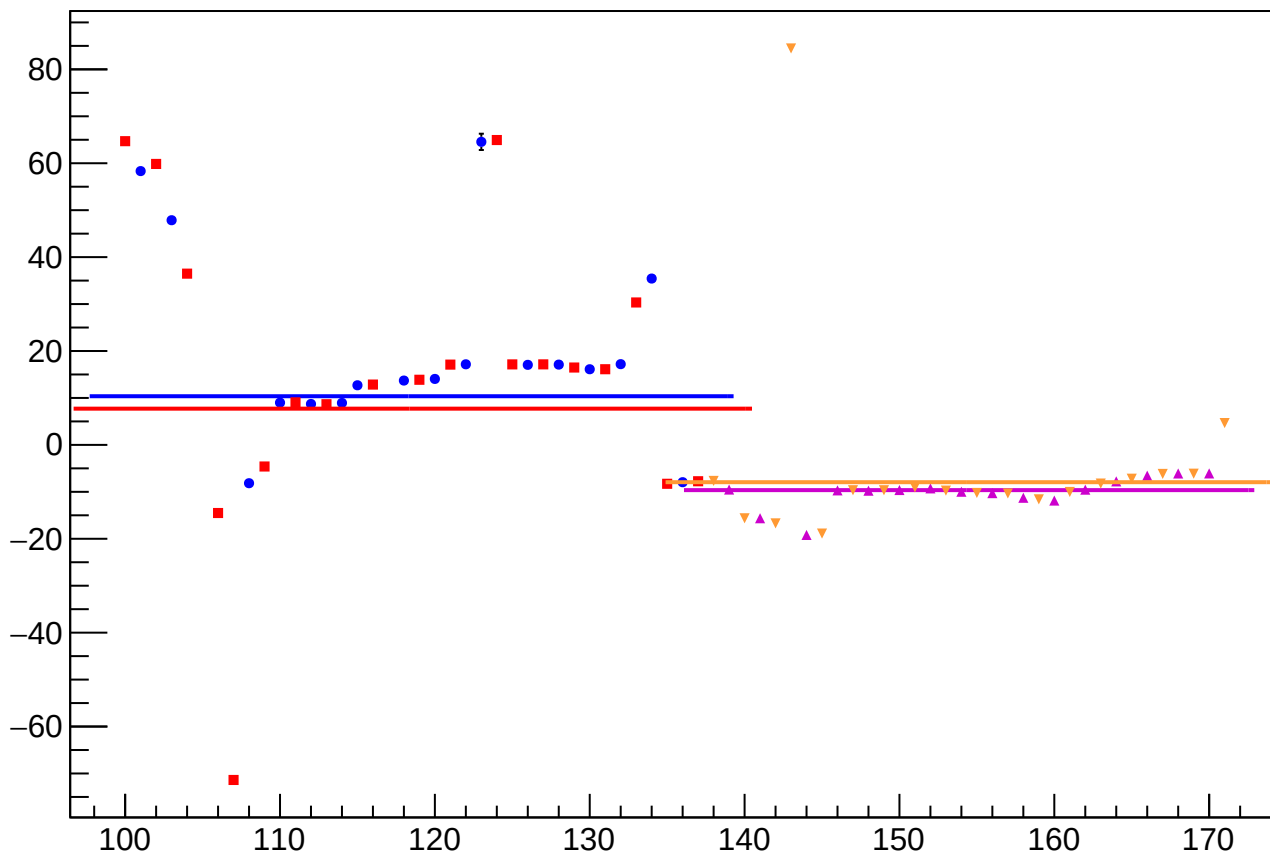
Left In: 5.066 ± 0.299 χ^2/NDF : 74.8/15

+ sign 0.674 ± 0.254 χ^2/NDF : 1897.6/34

All: 0.745 ± 0.182 χ^2/NDF : 3555.1/69

- sign 0.821 ± 0.262 χ^2/NDF : 1657.4/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366 ± 0.031 χ^2/NDF : 381003.5/16

Left Out: -7.947 ± 0.013 χ^2/NDF : 449313.9/17

Right Out: 7.719 ± 0.031 χ^2/NDF : 545085.7/18

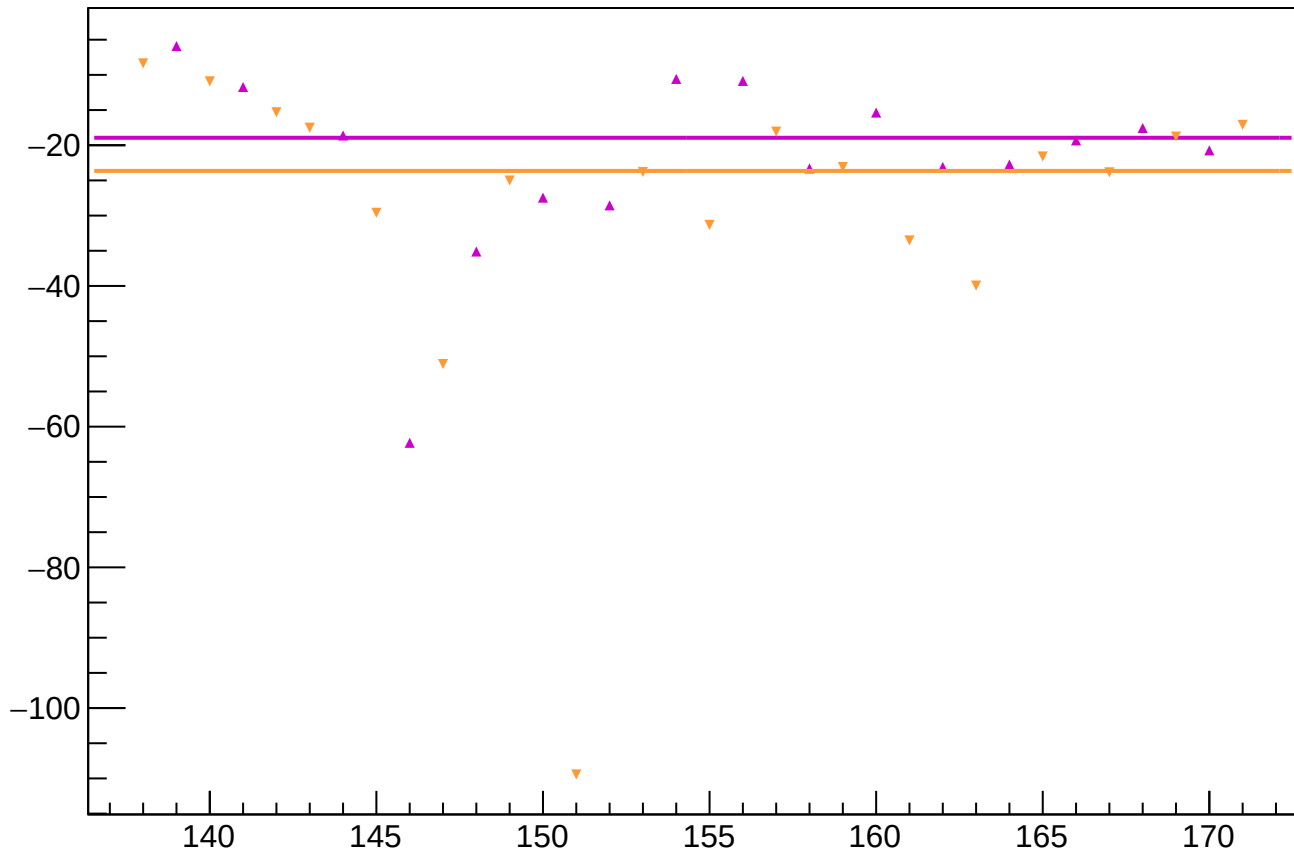
Left In: -9.637 ± 0.014 χ^2/NDF : 41981.9/15

+ sign -5.005 ± 0.012 χ^2/NDF : 1132183.3/34

All: -5.923 ± 0.009 χ^2/NDF : 1990008.7/69

- sign -6.875 ± 0.012 χ^2/NDF : 846365.4/34

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.652+/-0.056 χ^2/NDF : 59176.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

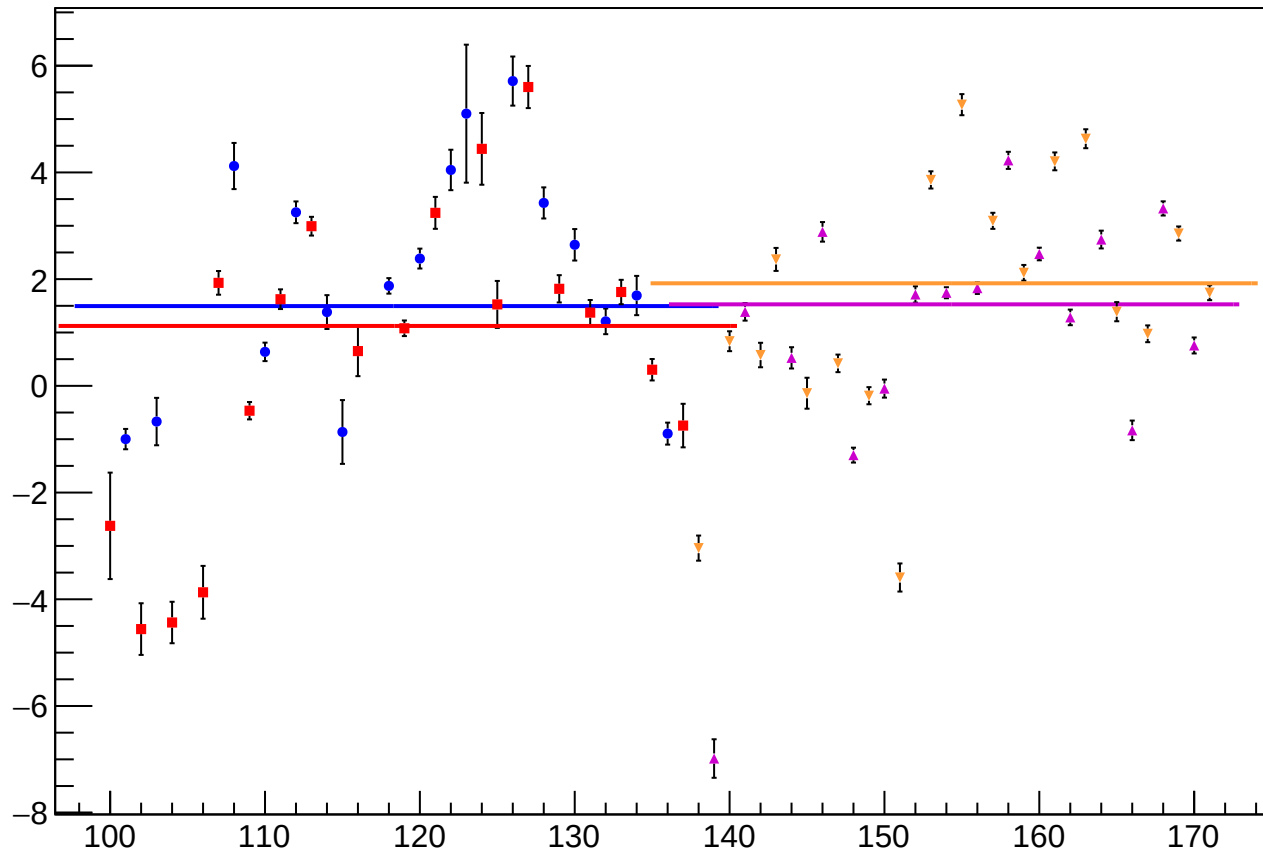
Left In: -18.939+/-0.050 χ^2/NDF : 38014.4/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.064+/-0.037 χ^2/NDF : 101131.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: 1.922 $\pm$ 0.041 χ^2 /NDF: 2269.7/17

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

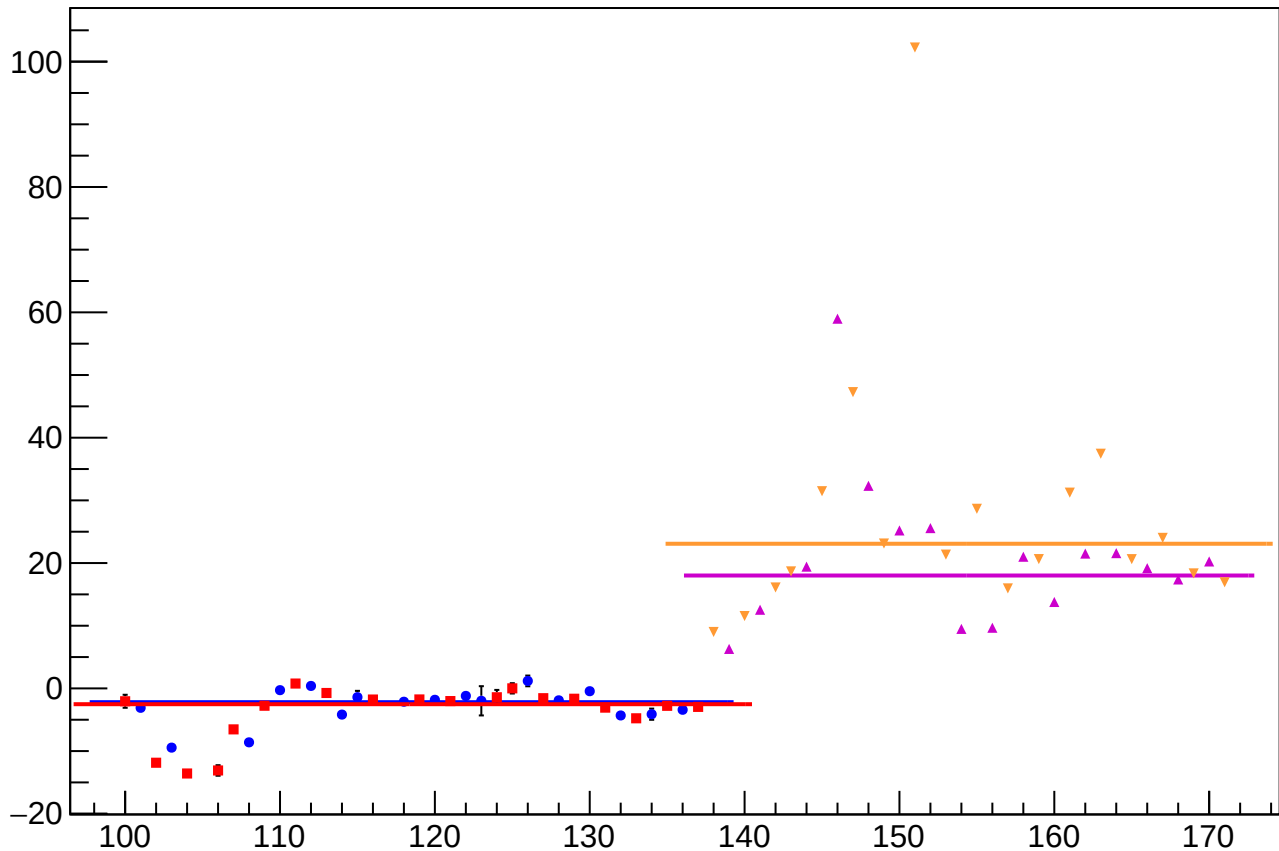
Left In: 1.528 $\pm$ 0.037 χ^2 /NDF: 1924.5/15

+ sign 1.789 $\pm$ 0.034 χ^2 /NDF: 3012.2/34

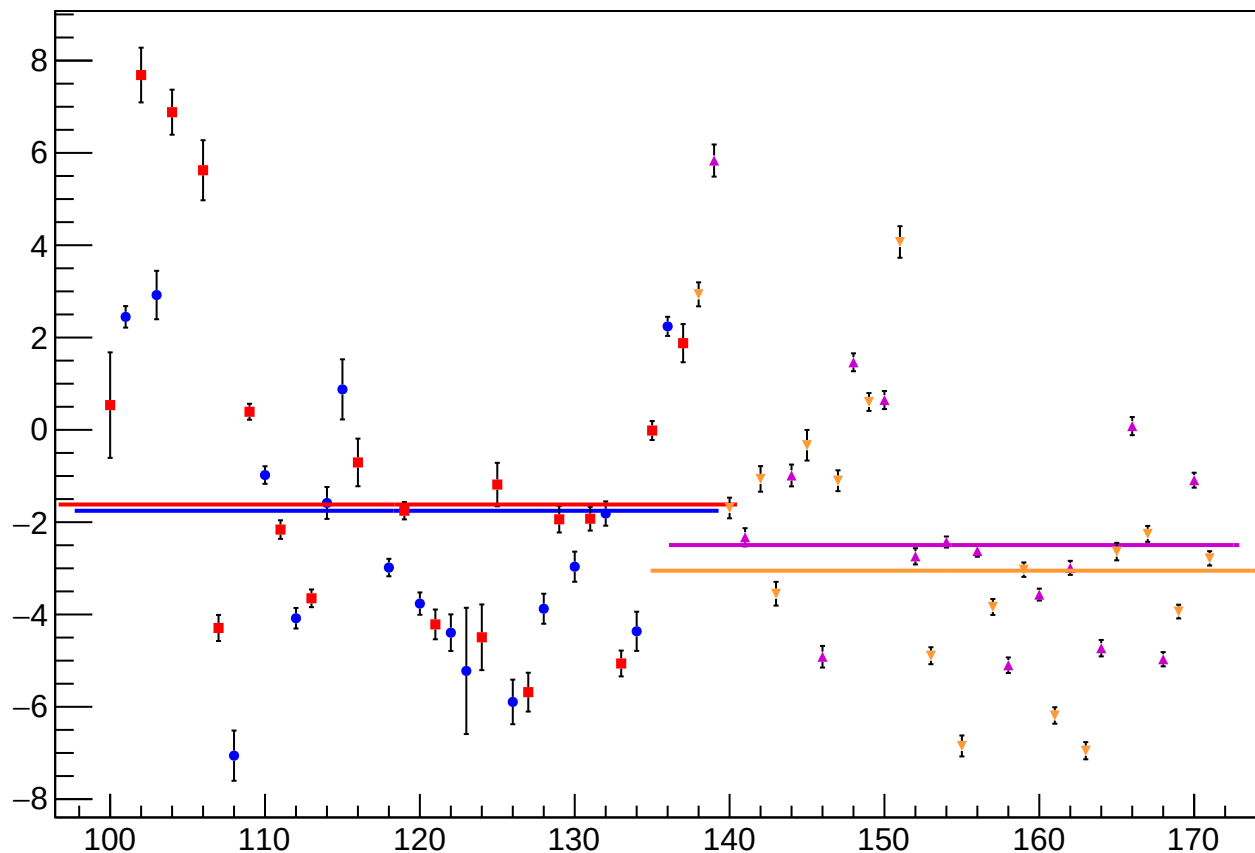
All: 1.583 $\pm$ 0.023 χ^2 /NDF: 5984.2/69

- sign 1.411 $\pm$ 0.031 χ^2 /NDF: 2905.4/34

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -3.051 ± 0.047 χ^2/NDF : 2771.1/17

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

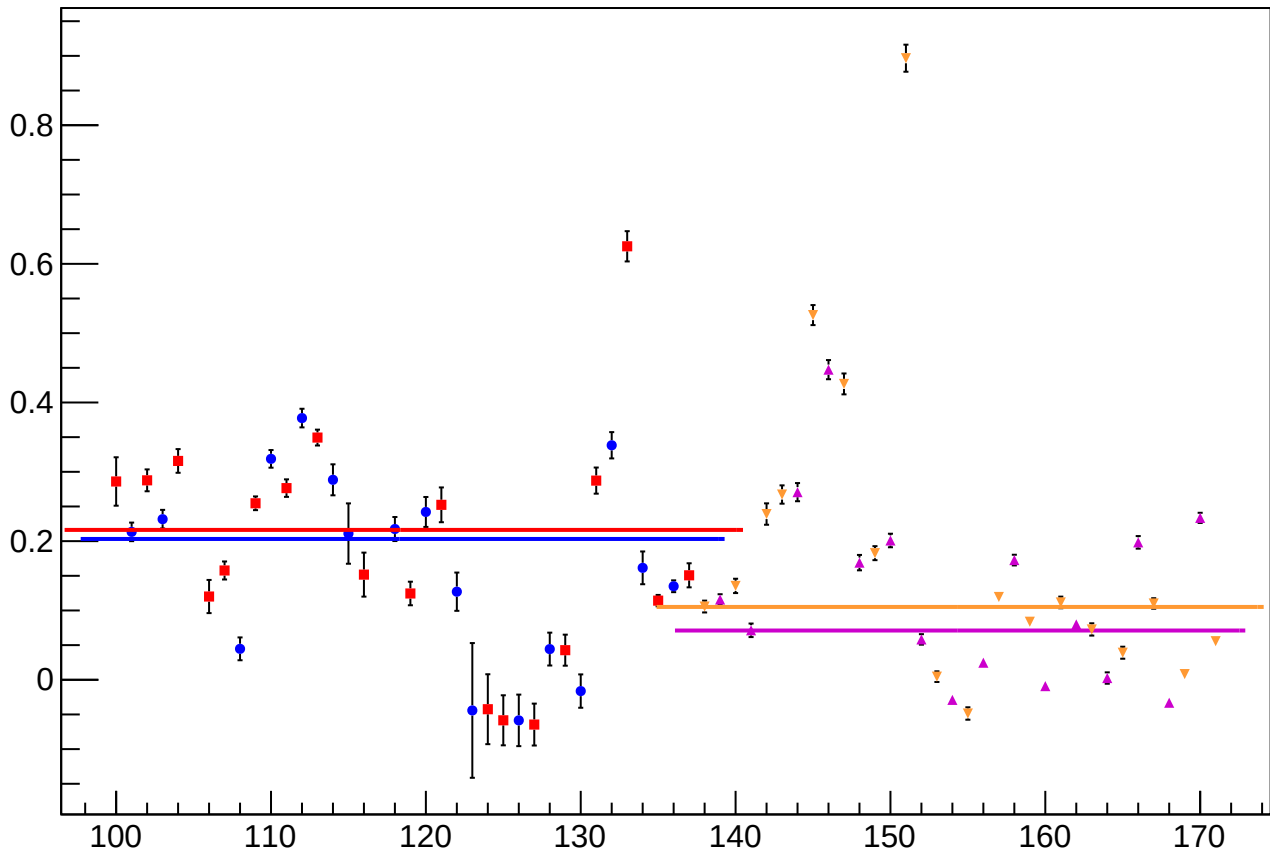
Left In: -2.496 ± 0.042 χ^2/NDF : 2379.7/15

+ sign -2.654 ± 0.039 χ^2/NDF : 4352.6/34

All: -2.428 ± 0.026 χ^2/NDF : 8408.2/69

- sign -2.241 ± 0.035 χ^2/NDF : 3994.1/34

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.105 ± 0.002 χ^2/NDF : 4054.5/17

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

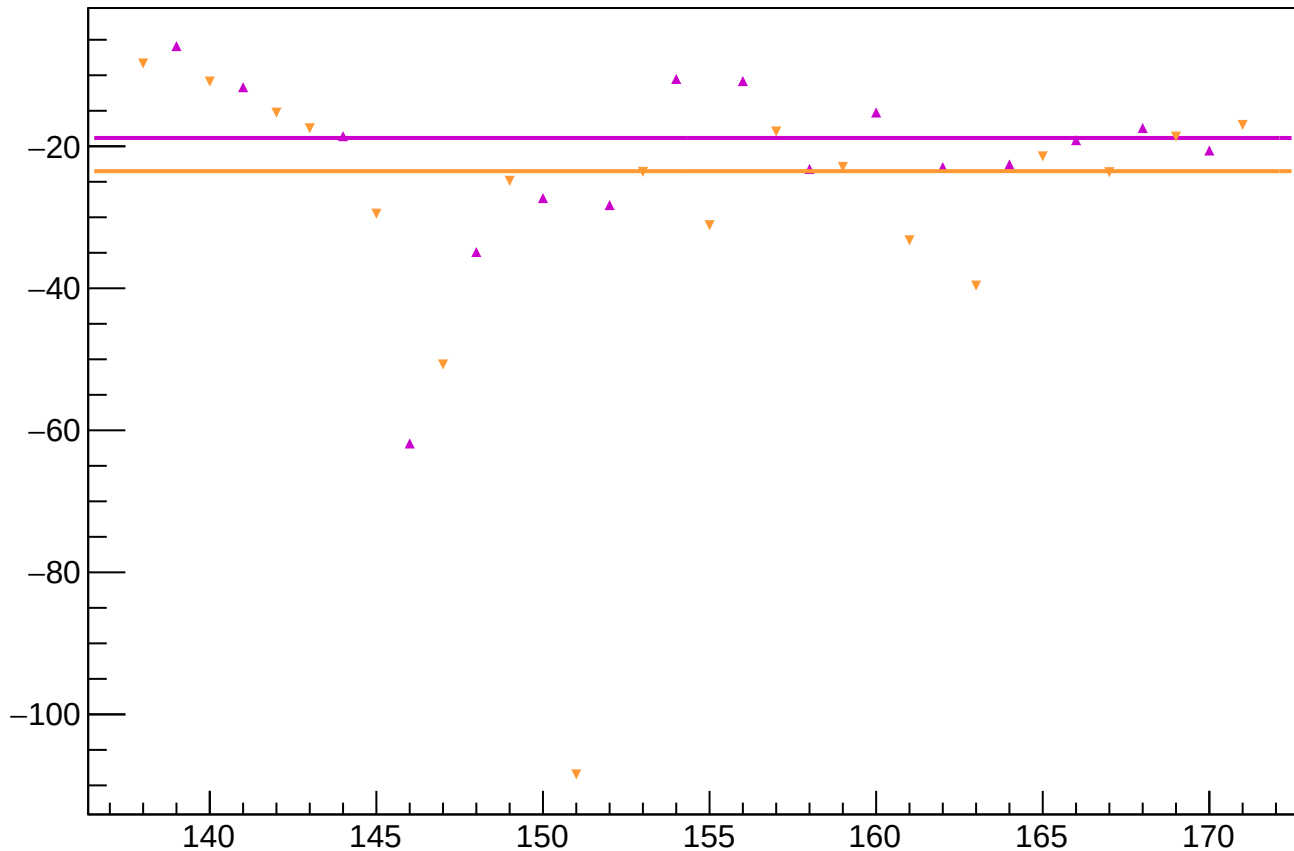
Left In: 0.071 ± 0.002 χ^2/NDF : 3185.6/15

+ sign 0.125 ± 0.002 χ^2/NDF : 5180.2/34

All: 0.111 ± 0.001 χ^2/NDF : 10777.2/69

- sign 0.100 ± 0.002 χ^2/NDF : 5492.9/34

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.502+/-0.055 χ^2/NDF : 58996.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

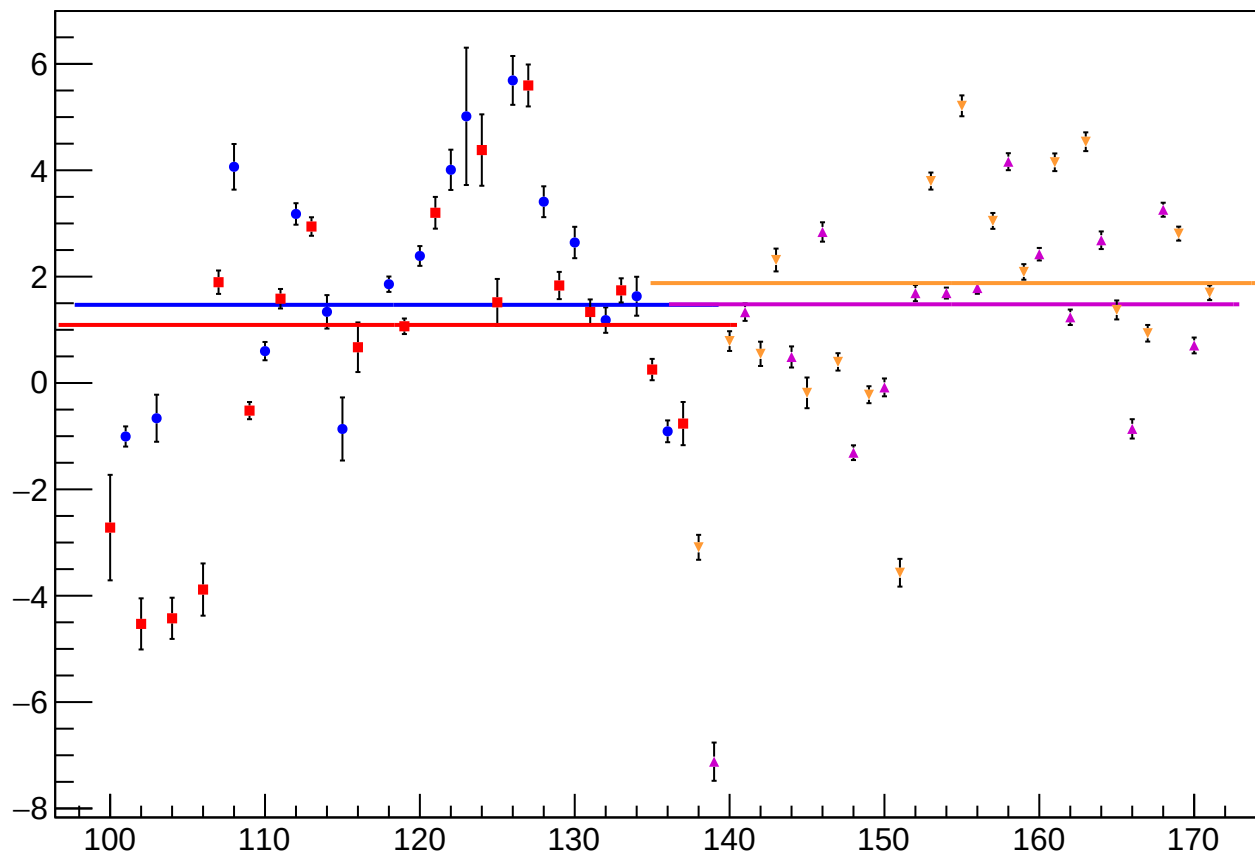
Left In: -18.828+/-0.050 χ^2/NDF : 37927.2/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.936+/-0.037 χ^2/NDF : 100850.9/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 $\pm$ 0.061 χ^2 /NDF: 707.9/16

Left Out: 1.879 $\pm$ 0.041 χ^2 /NDF: 2269.3/17

Right Out: 1.092 $\pm$ 0.058 χ^2 /NDF: 952.1/18

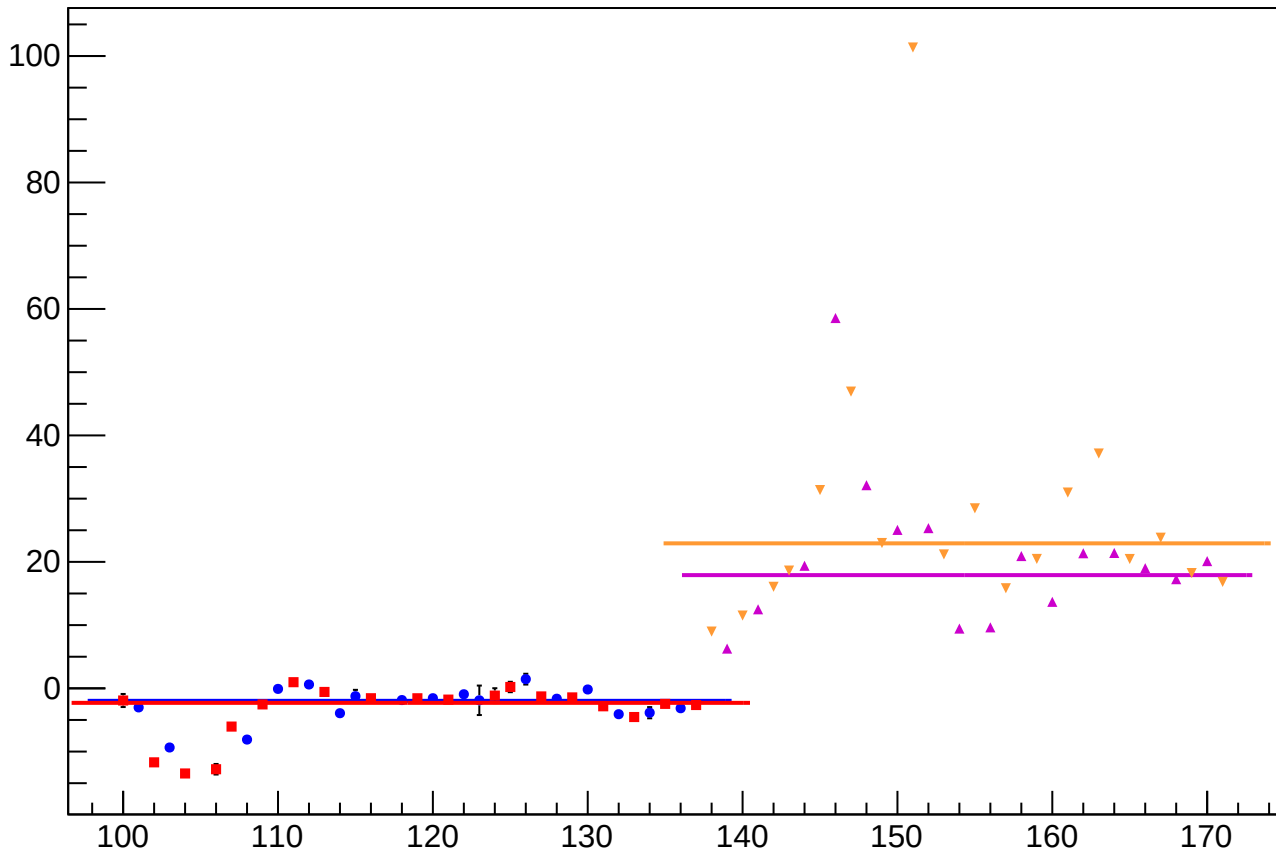
Left In: 1.480 $\pm$ 0.037 χ^2 /NDF: 1935.6/15

+ sign 1.751 $\pm$ 0.034 χ^2 /NDF: 3008.3/34

All: 1.543 $\pm$ 0.023 χ^2 /NDF: 5997.2/69

- sign 1.368 $\pm$ 0.031 χ^2 /NDF: 2919.6/34

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 22.930 ± 0.055 $\chi^2/\text{NDF}: 52842.4/17$

Right Out: -2.294 ± 0.098 $\chi^2/\text{NDF}: 906.6/18$

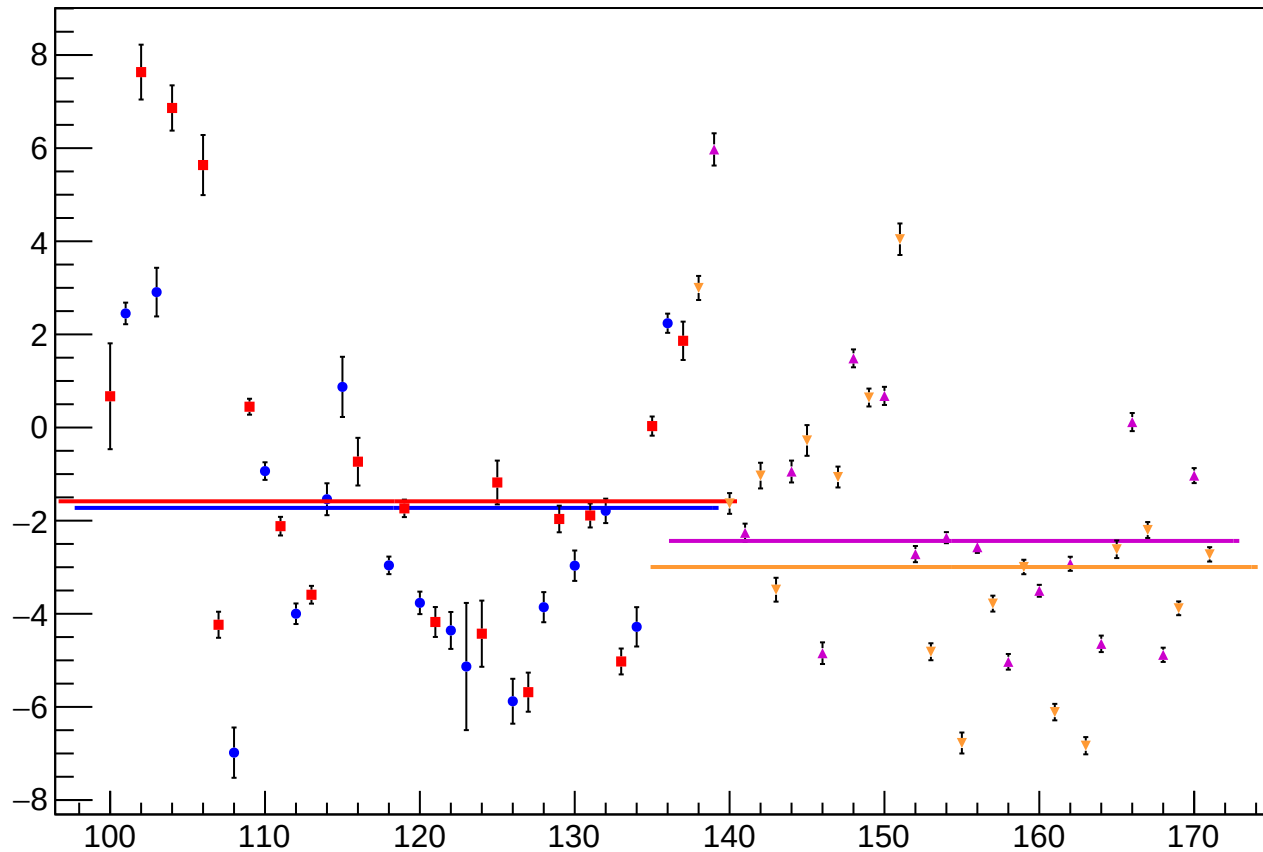
Left In: 17.906 ± 0.049 $\chi^2/\text{NDF}: 35819.6/15$

+ sign 18.022 ± 0.049 $\chi^2/\text{NDF}: 94440.5/34$

All: 15.750 ± 0.033 $\chi^2/\text{NDF}: 168900.4/69$

- sign 13.940 ± 0.044 $\chi^2/\text{NDF}: 70574.4/34$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.996 ± 0.046 χ^2/NDF : 2769.5/17

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

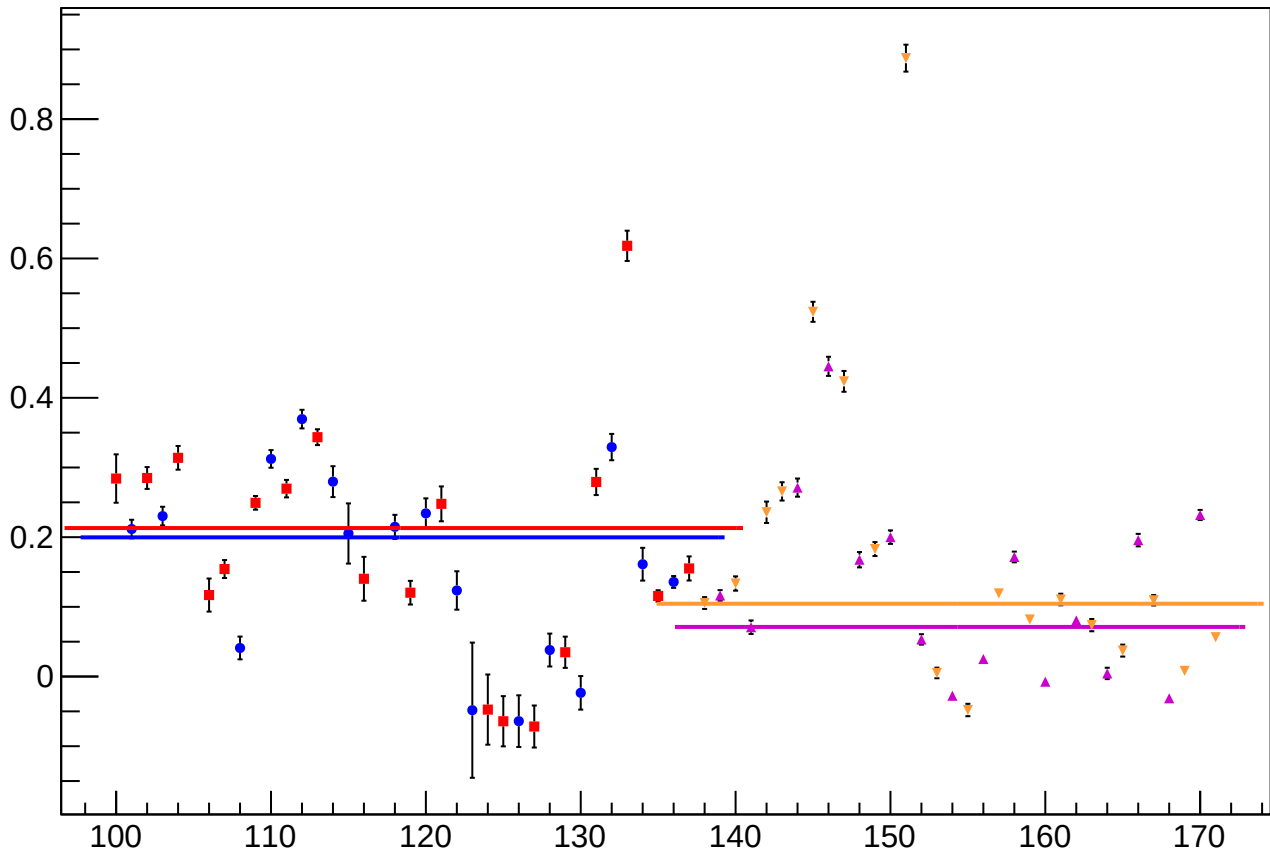
Left In: -2.435 ± 0.042 χ^2/NDF : 2391.6/15

+ sign -2.608 ± 0.039 χ^2/NDF : 4339.7/34

All: -2.379 ± 0.026 χ^2/NDF : 8408.6/69

- sign -2.189 ± 0.035 χ^2/NDF : 4004.6/34

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4046.8/17

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

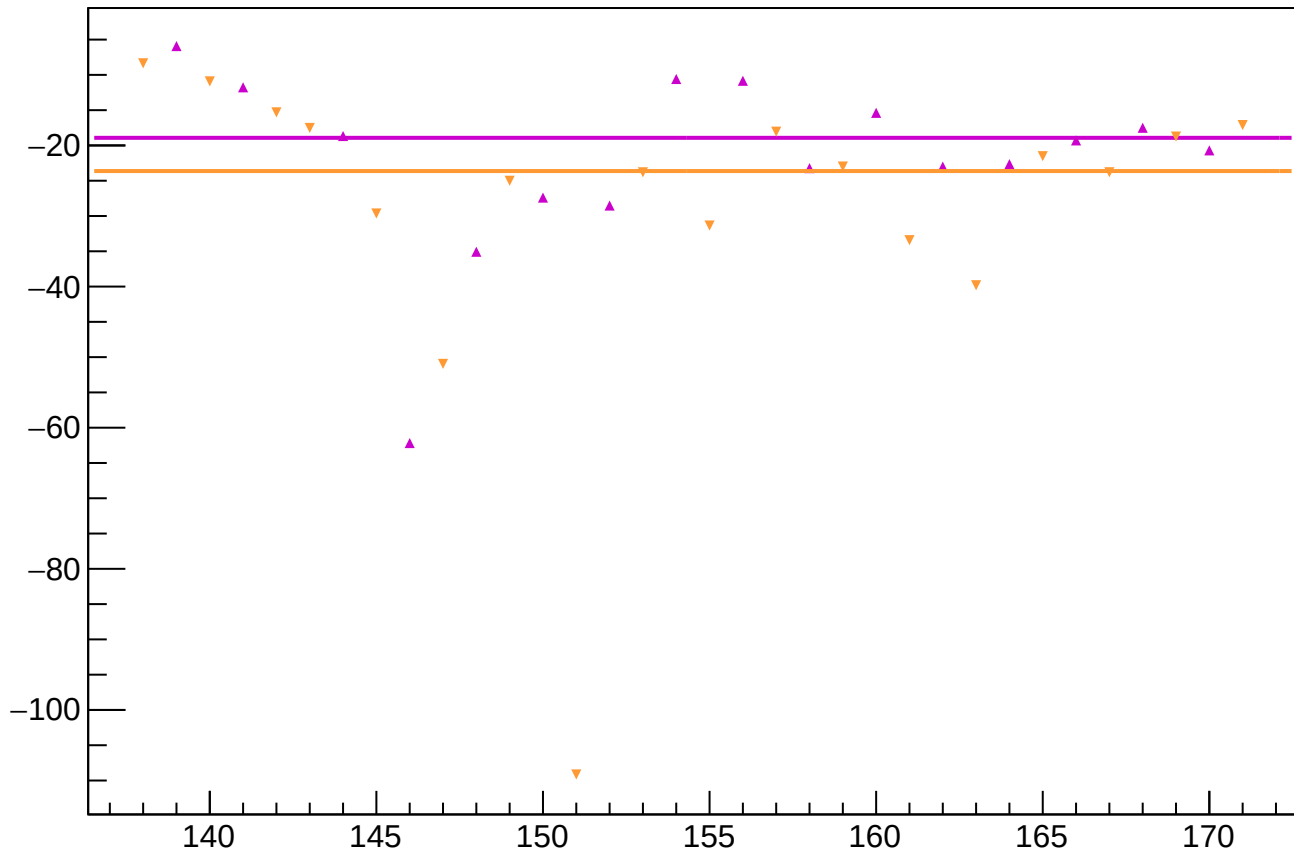
Left In: 0.071 ± 0.002 χ^2/NDF : 3161.7/15

+ sign 0.124 ± 0.002 χ^2/NDF : 5137.3/34

All: 0.110 ± 0.001 χ^2/NDF : 10647.5/69

- sign 0.099 ± 0.002 χ^2/NDF : 5410.3/34

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -23.629 ± 0.055 χ^2/NDF : 59118.1/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

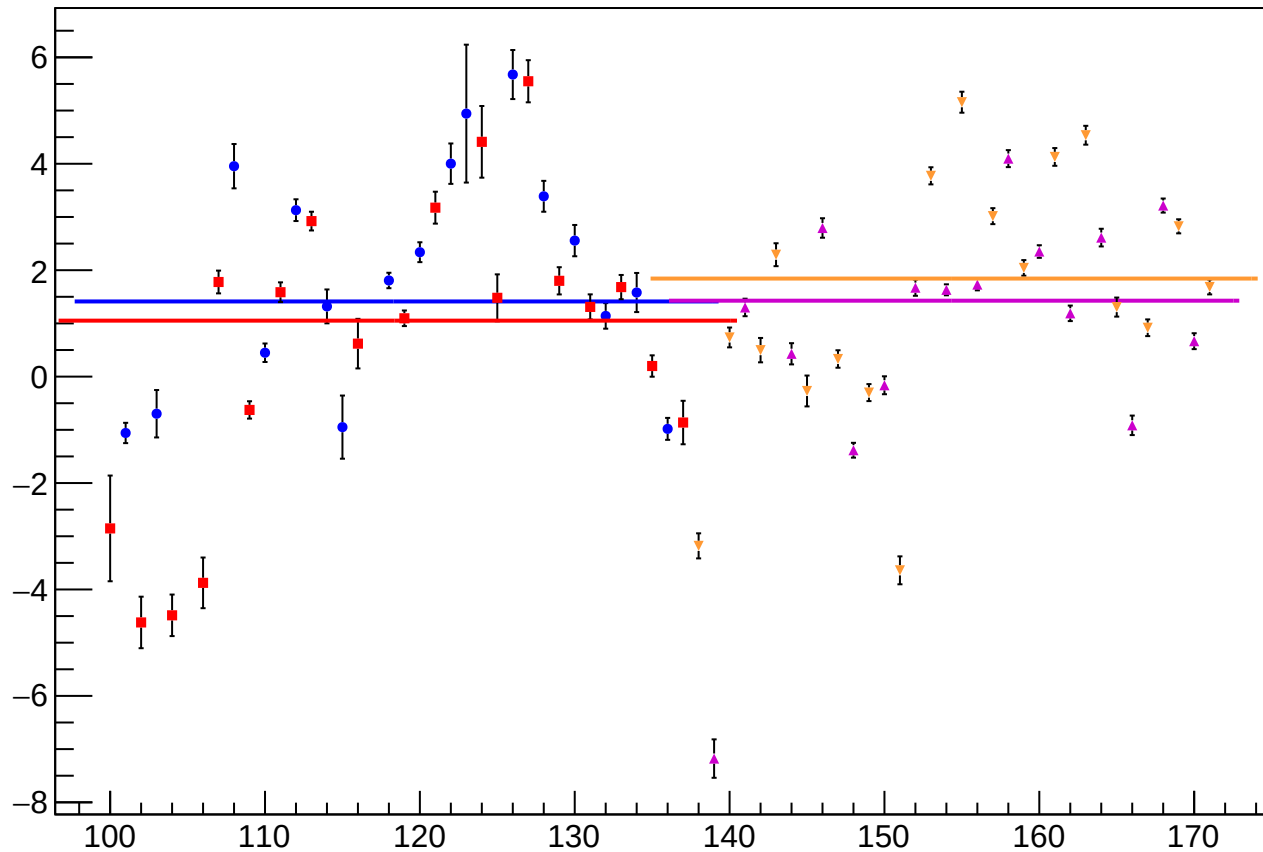
Left In: -18.920 ± 0.050 χ^2/NDF : 37988.1/15

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.043 ± 0.037 χ^2/NDF : 101060.4/33

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 1.843 $\pm$ 0.041 χ^2/NDF : 2291.6/17

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

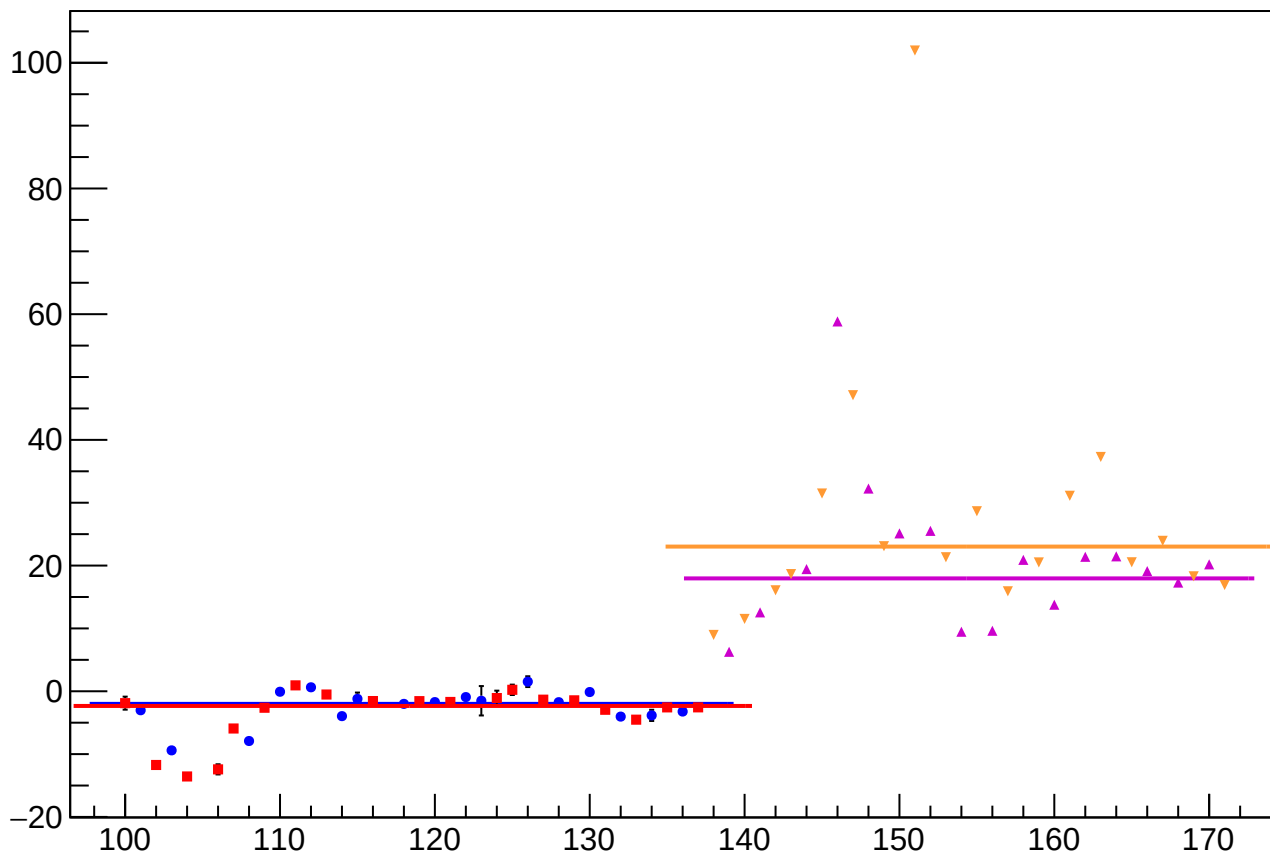
Left In: 1.427 $\pm$ 0.037 χ^2/NDF : 1924.9/15

+ sign 1.709 $\pm$ 0.034 χ^2/NDF : 3039.6/34

All: 1.496 $\pm$ 0.023 χ^2/NDF : 6028.8/69

- sign 1.319 $\pm$ 0.031 χ^2/NDF : 2917.9/34

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 23.021 ± 0.055 χ^2/NDF : 52949.4/17

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

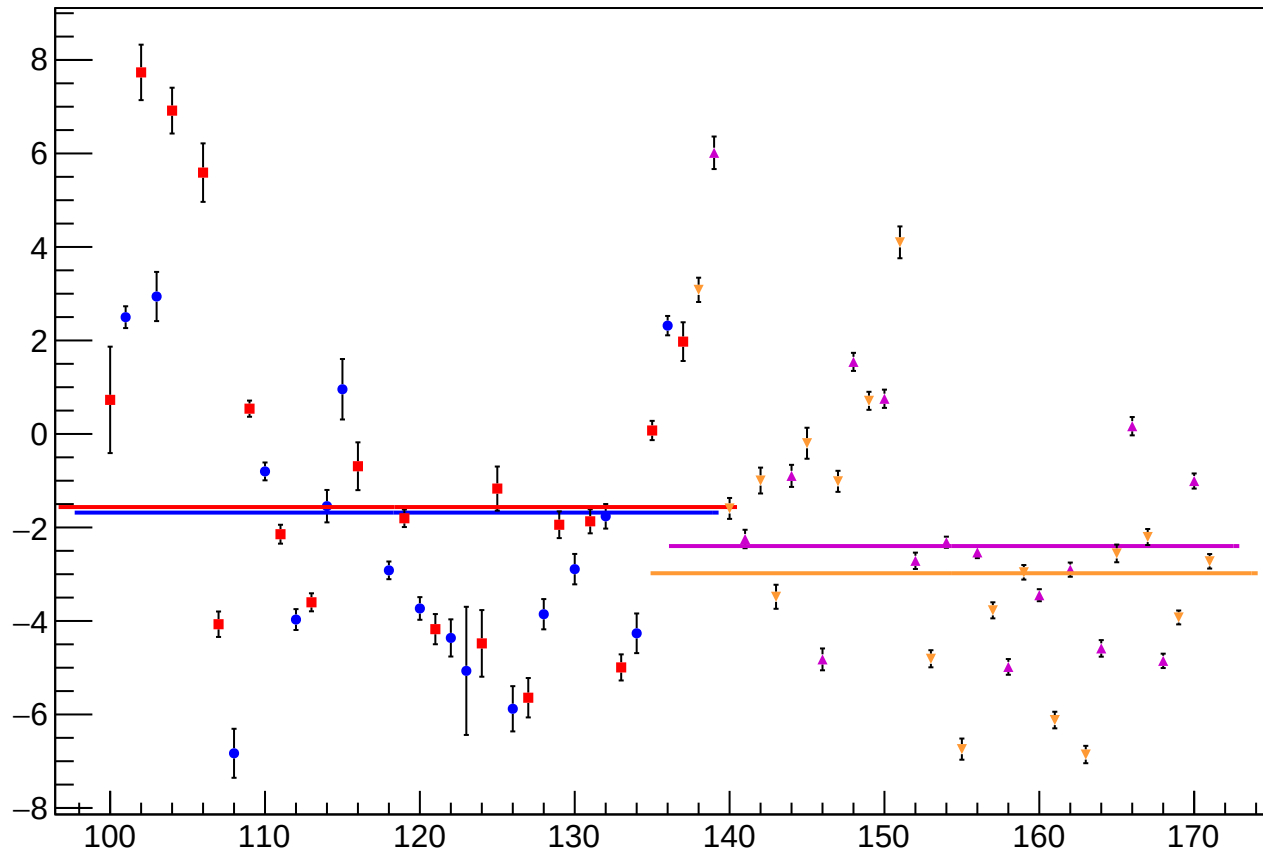
Left In: 17.958 ± 0.049 χ^2/NDF : 35891.6/15

+ sign 18.098 ± 0.049 χ^2/NDF : 94528.2/34

All: 15.806 ± 0.033 χ^2/NDF : 169086.3/69

- sign 13.981 ± 0.044 χ^2/NDF : 70639.7/34

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 $\pm$ 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.979 $\pm$ 0.047 χ^2/NDF : 2797.9/17

Right Out: -1.563 $\pm$ 0.066 χ^2/NDF : 1504.7/18

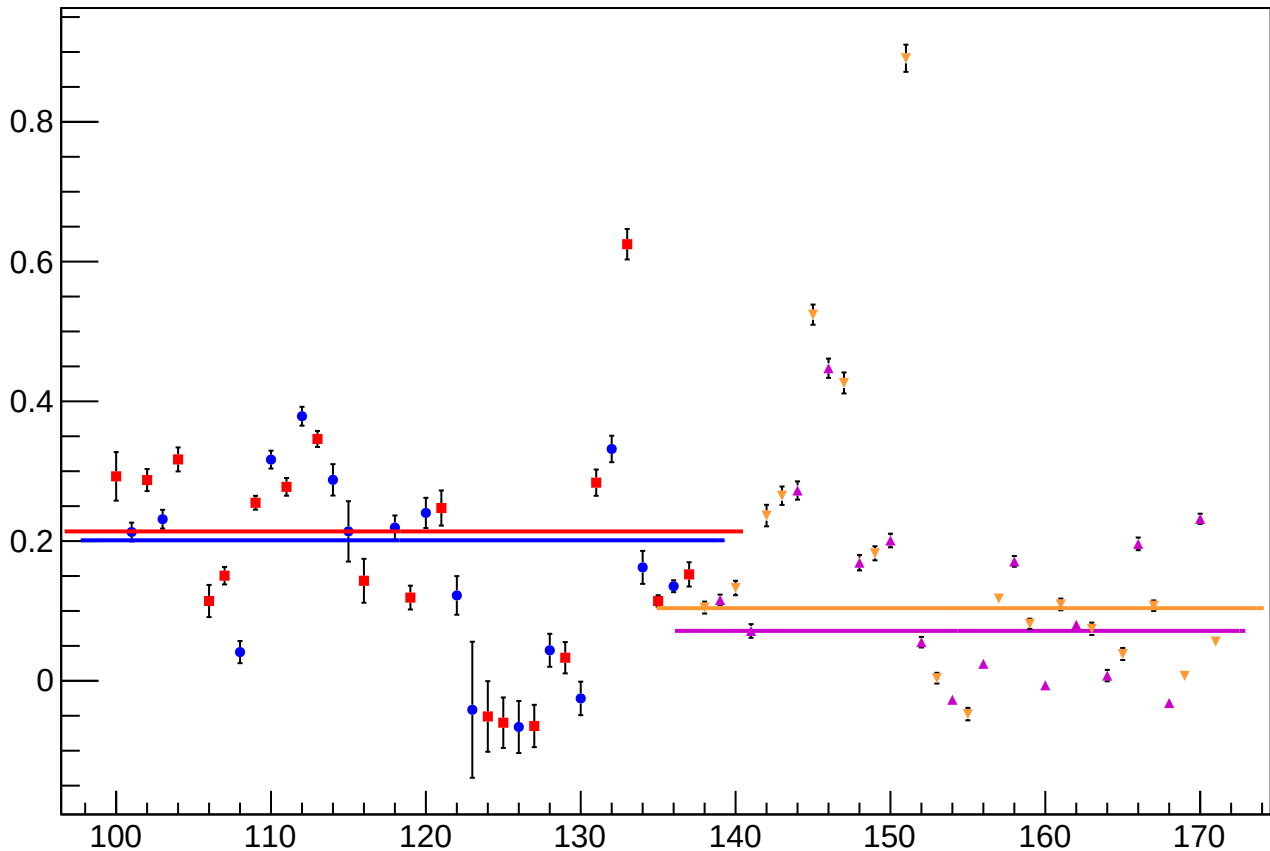
Left In: -2.398 $\pm$ 0.042 χ^2/NDF : 2380.9/15

+ sign -2.584 $\pm$ 0.039 χ^2/NDF : 4382.3/34

All: -2.350 $\pm$ 0.026 χ^2/NDF : 8449.0/69

- sign -2.156 $\pm$ 0.035 χ^2/NDF : 4000.4/34

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4034.4/17

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

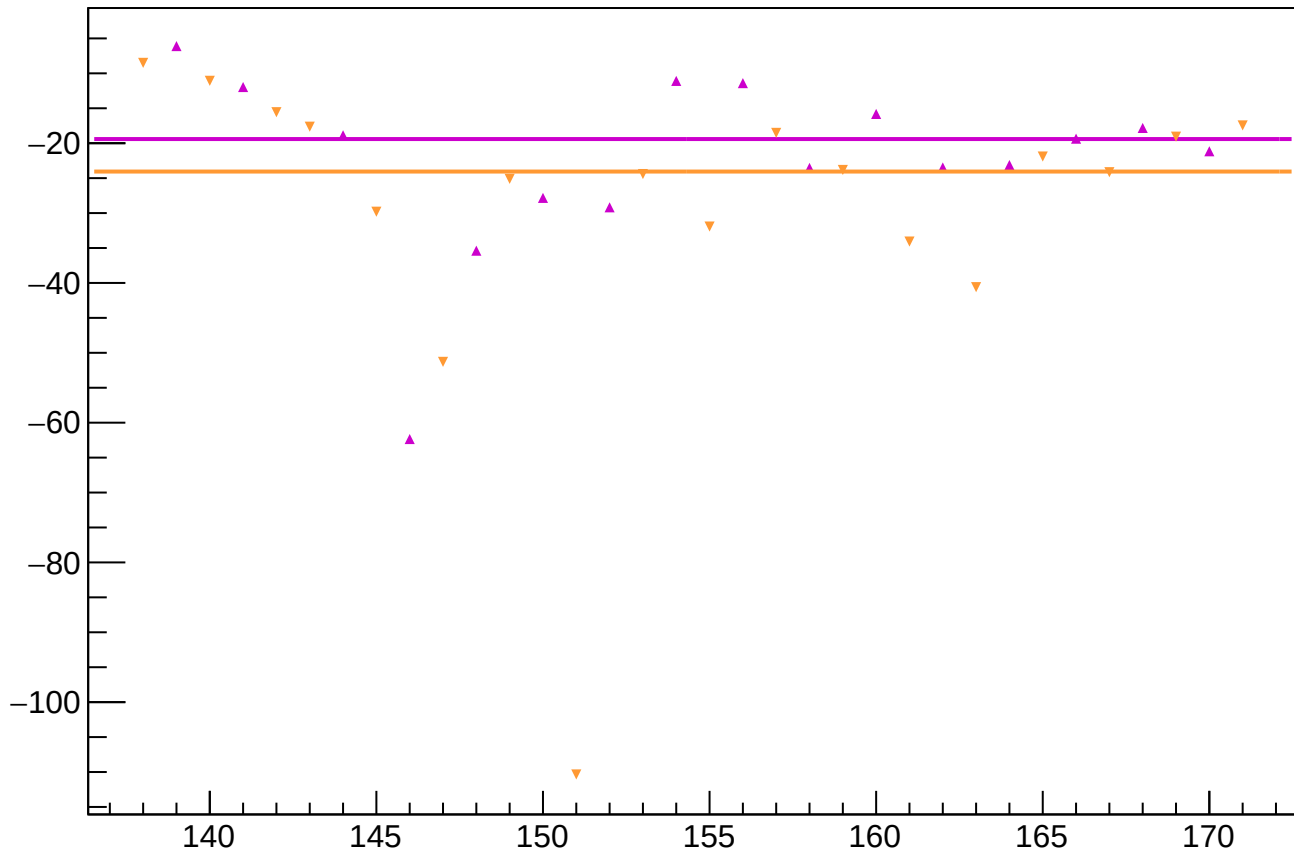
Left In: 0.071 ± 0.002 χ^2/NDF : 3140.6/15

+ sign 0.124 ± 0.002 χ^2/NDF : 5166.7/34

All: 0.110 ± 0.001 χ^2/NDF : 10685.8/69

- sign 0.100 ± 0.002 χ^2/NDF : 5424.0/34

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -24.056 $\pm$ 0.057 χ^2/NDF : 58983.2/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

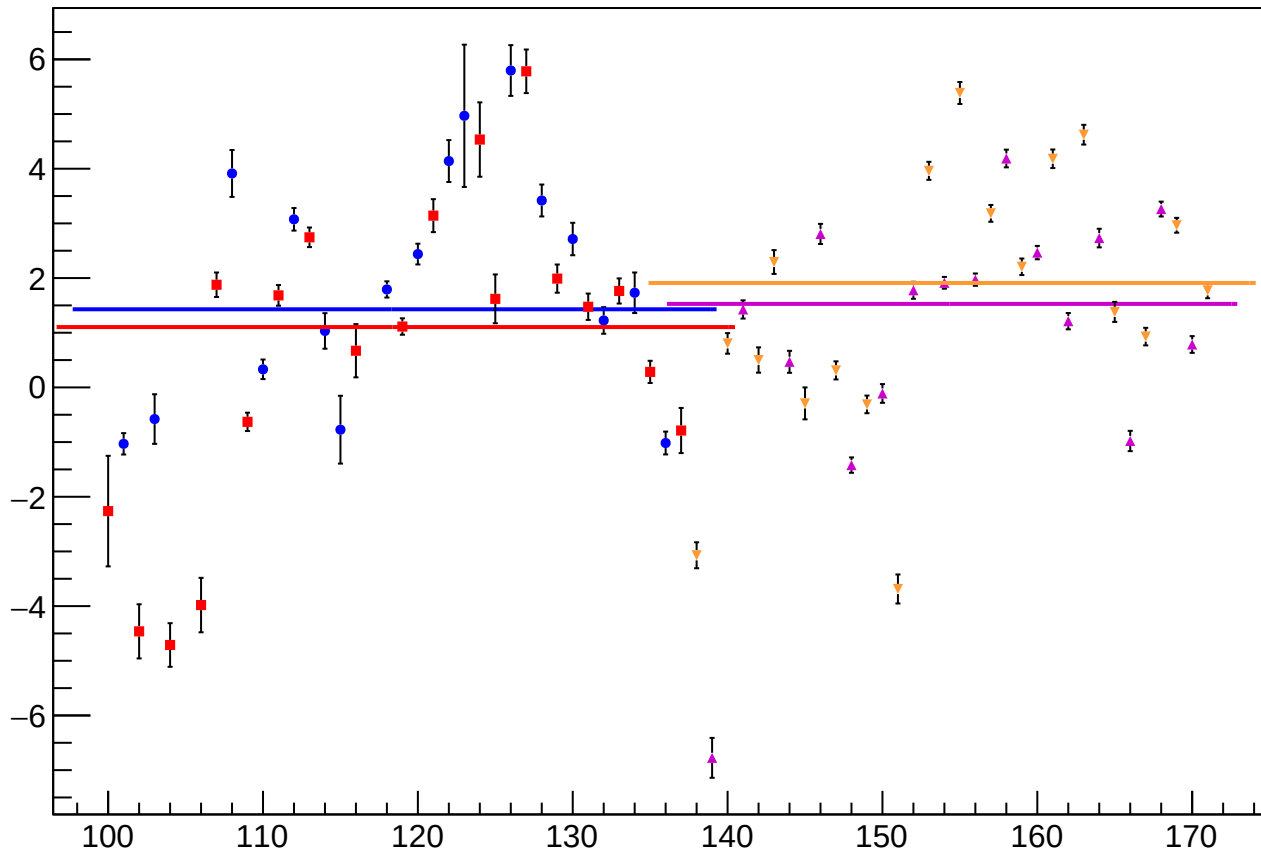
Left In: -19.405 $\pm$ 0.051 χ^2/NDF : 36876.5/15

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -21.512 $\pm$ 0.038 χ^2/NDF : 99556.7/33

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 $\pm$ 0.062 χ^2/NDF : 711.4/16

Left Out: 1.911 $\pm$ 0.042 χ^2/NDF : 2337.4/17

Right Out: 1.104 $\pm$ 0.059 χ^2/NDF : 936.5/18

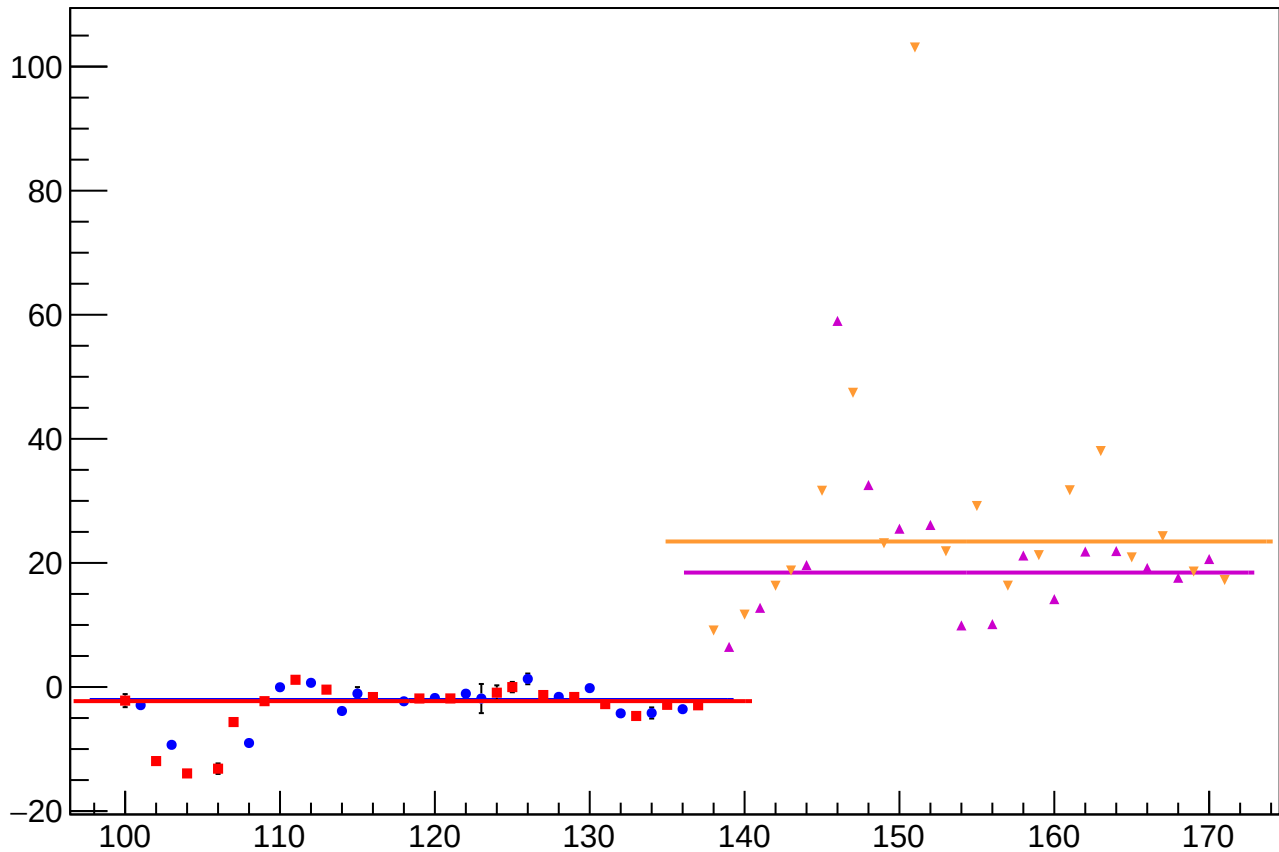
Left In: 1.527 $\pm$ 0.038 χ^2/NDF : 1908.4/15

+ sign 1.760 $\pm$ 0.035 χ^2/NDF : 3090.2/34

All: 1.568 $\pm$ 0.023 χ^2/NDF : 6028.3/69

- sign 1.405 $\pm$ 0.032 χ^2/NDF : 2881.2/34

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 23.456 ± 0.056 $\chi^2/\text{NDF}: 52686.7/17$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

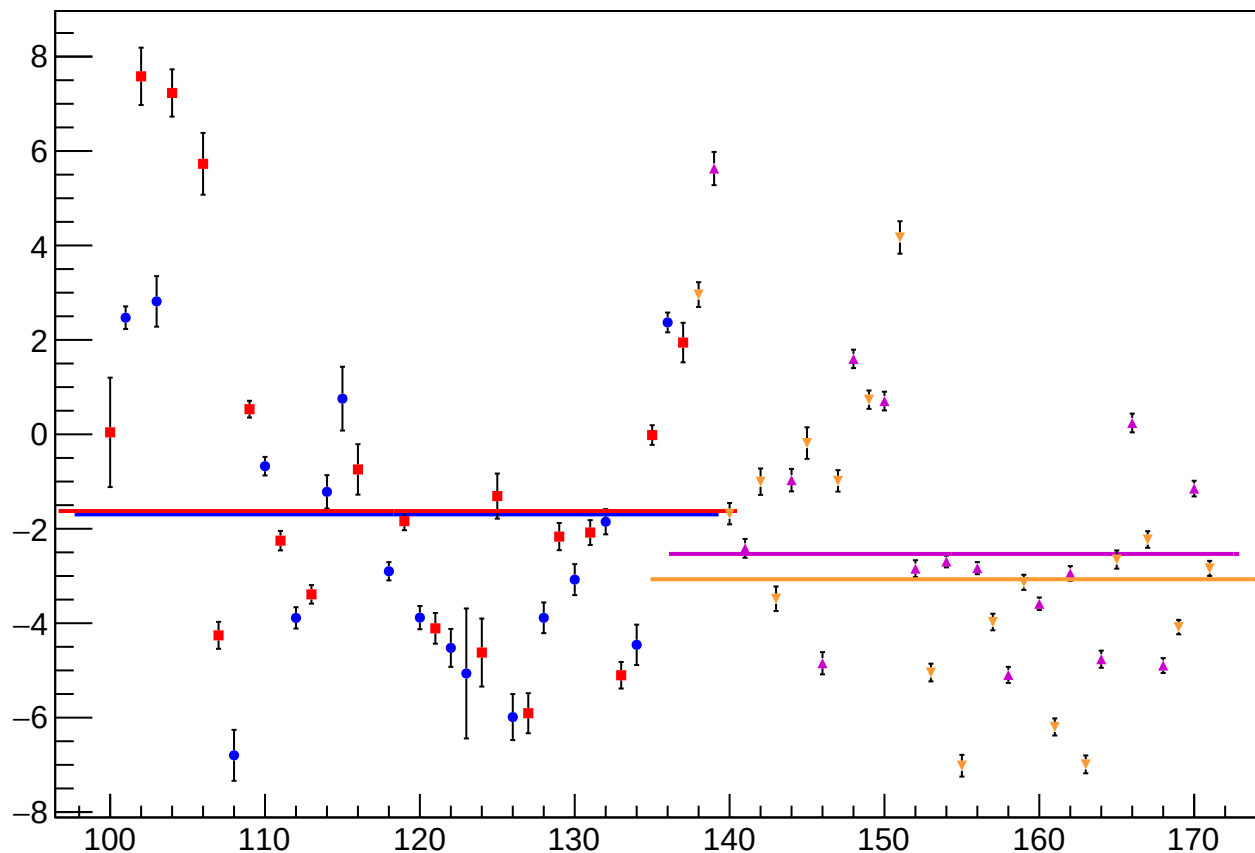
Left In: 18.444 ± 0.050 $\chi^2/\text{NDF}: 34650.4/15$

+ sign 18.413 ± 0.050 $\chi^2/\text{NDF}: 94504.7/34$

All: 16.166 ± 0.033 $\chi^2/\text{NDF}: 167506.5/69$

- sign 14.361 ± 0.045 $\chi^2/\text{NDF}: 69363.7/34$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -3.069 ± 0.048 χ^2/NDF : 2841.1/17

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

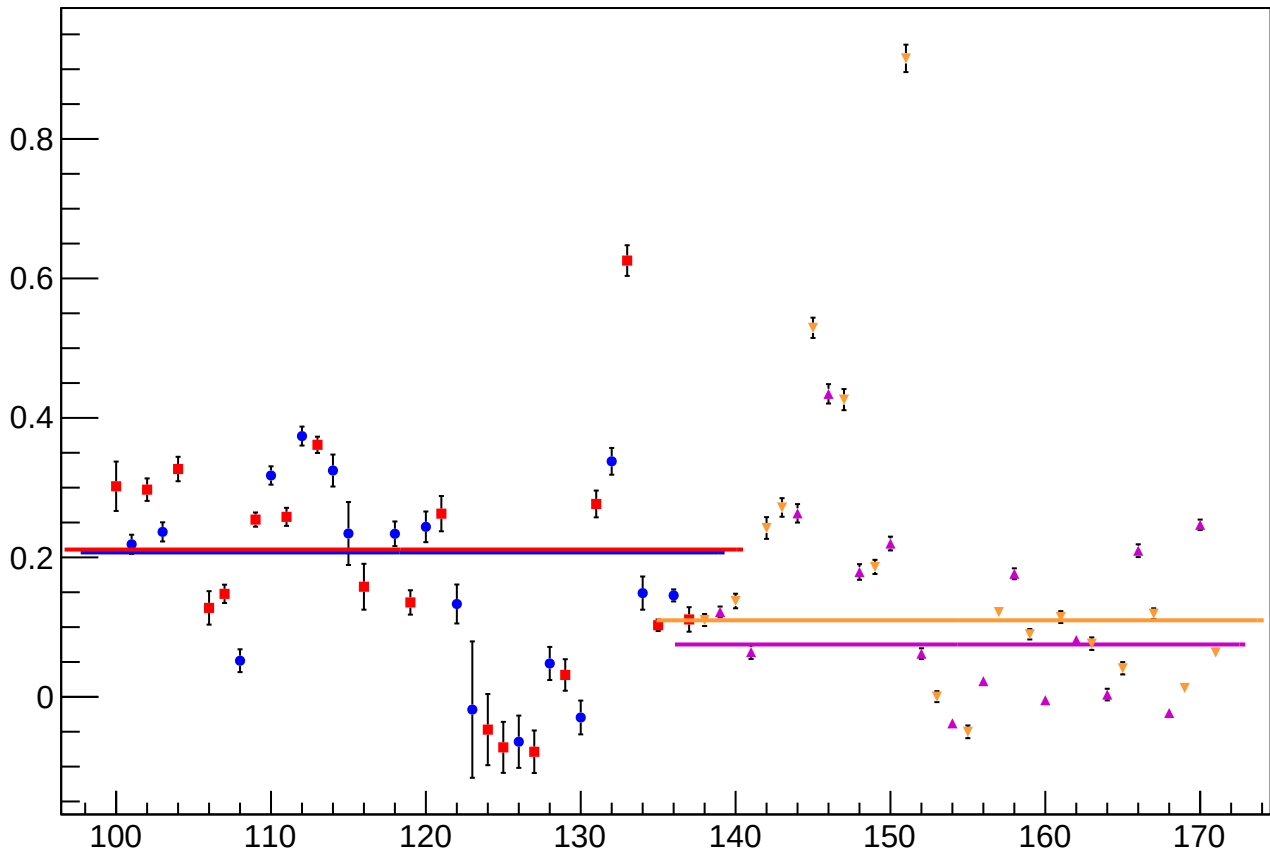
Left In: -2.533 ± 0.043 χ^2/NDF : 2340.2/15

+ sign -2.649 ± 0.040 χ^2/NDF : 4430.1/34

All: -2.441 ± 0.027 χ^2/NDF : 8418.5/69

- sign -2.268 ± 0.036 χ^2/NDF : 3937.9/34

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.110 ± 0.002 χ^2/NDF : 4059.8/17

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

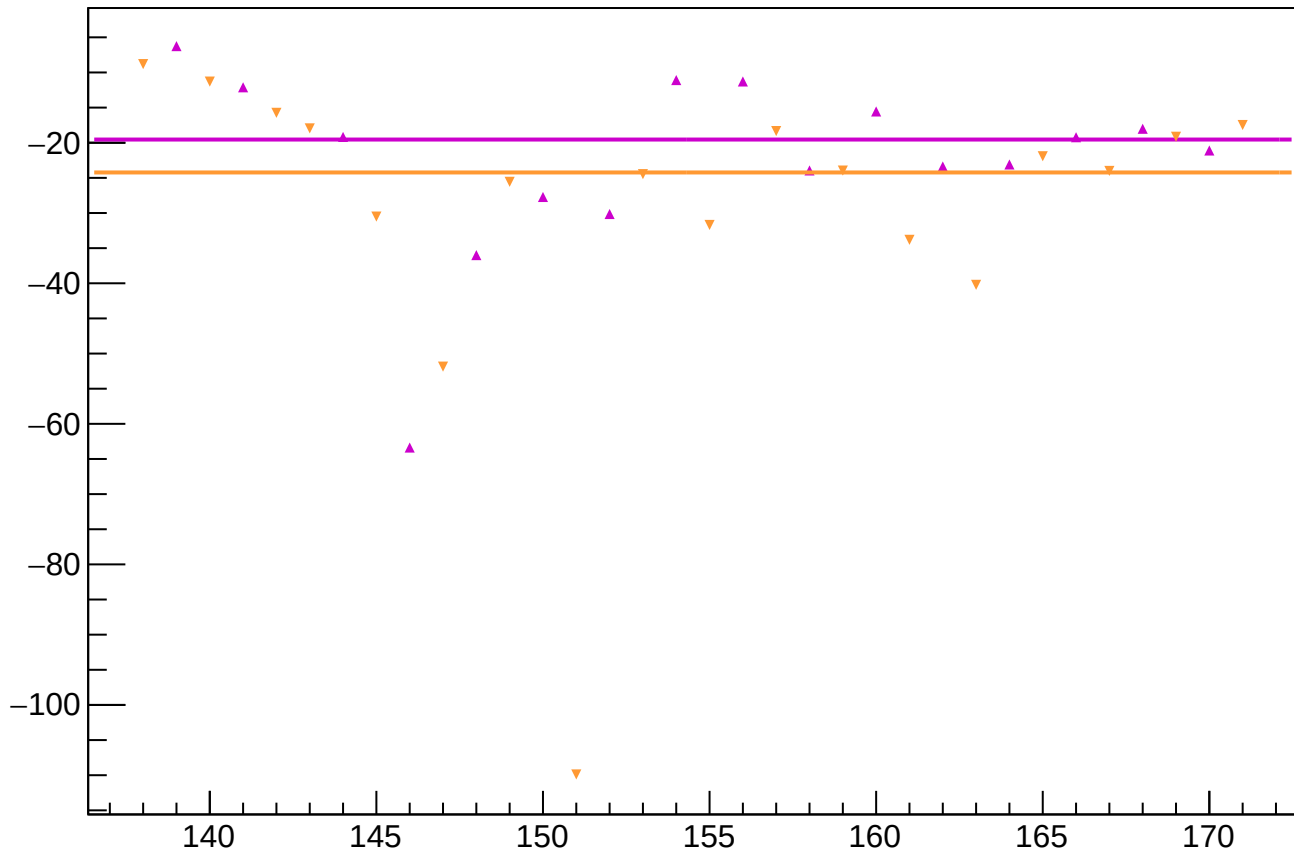
Left In: 0.075 ± 0.002 χ^2/NDF : 3221.8/15

+ sign 0.130 ± 0.002 χ^2/NDF : 5143.9/34

All: 0.114 ± 0.001 χ^2/NDF : 10680.5/69

- sign 0.102 ± 0.002 χ^2/NDF : 5419.2/34

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.229+/-0.057 χ^2/NDF : 57801.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

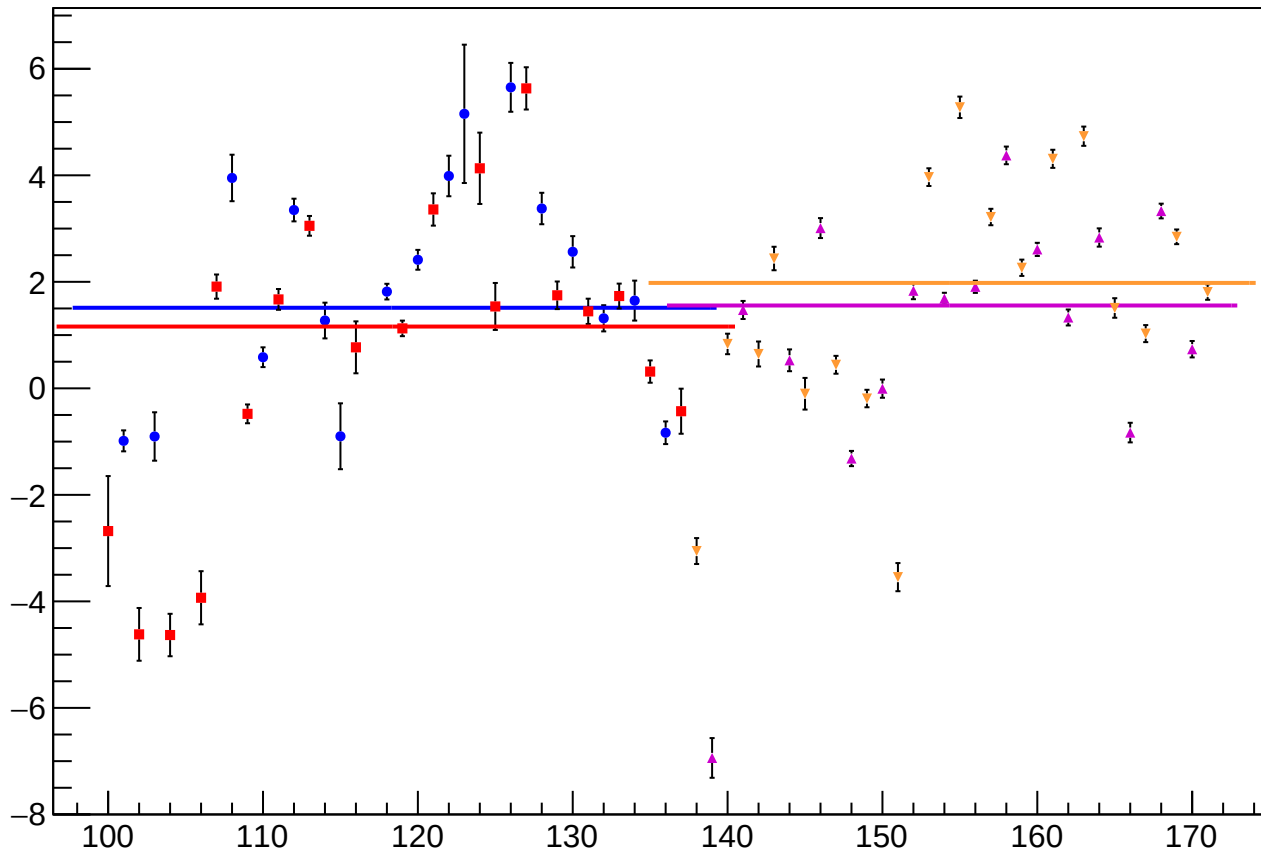
Left In: -19.546+/-0.052 χ^2/NDF : 37108.6/15

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.675+/-0.039 χ^2/NDF : 98575.2/33

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: 1.980 ± 0.042 χ^2/NDF : 2226.5/17

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

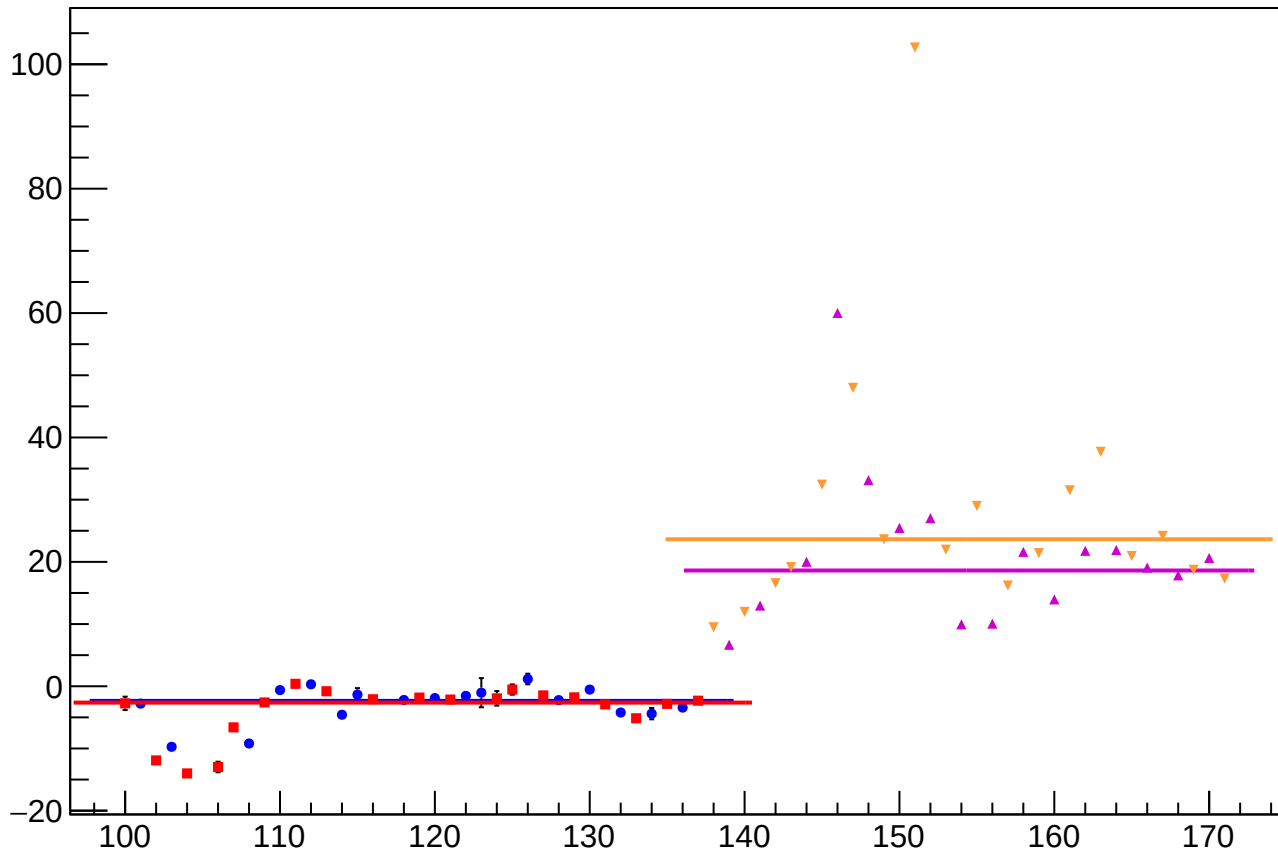
Left In: 1.556 ± 0.038 χ^2/NDF : 1885.4/15

+ sign 1.834 ± 0.035 χ^2/NDF : 2934.3/34

All: 1.622 ± 0.024 χ^2/NDF : 5835.4/69

- sign 1.441 ± 0.032 χ^2/NDF : 2833.2/34

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 23.639 ± 0.056 χ^2/NDF : 51745.8/17

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

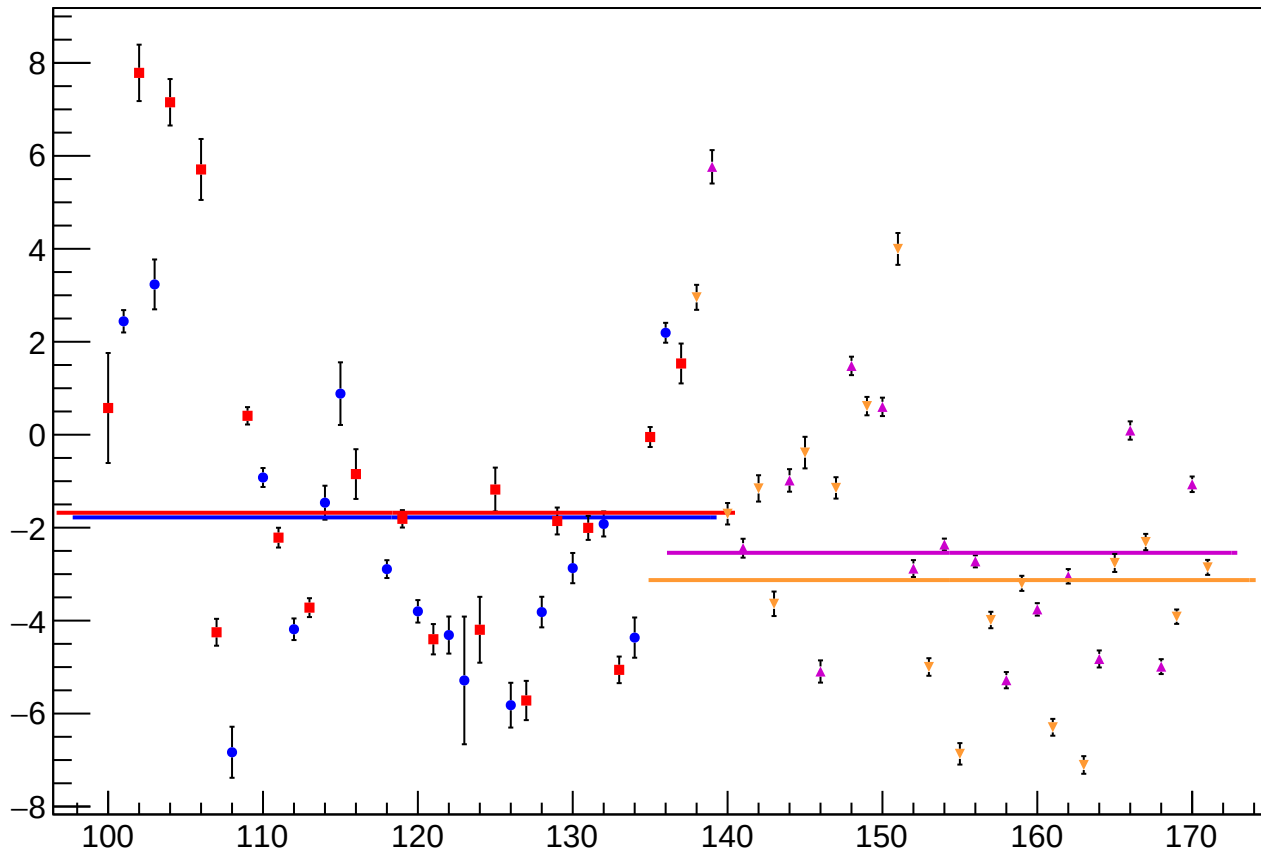
Left In: 18.612 ± 0.051 χ^2/NDF : 34912.9/15

+ sign 18.557 ± 0.051 χ^2/NDF : 93776.4/34

All: 16.308 ± 0.034 χ^2/NDF : 167208.0/69

- sign 14.485 ± 0.046 χ^2/NDF : 69846.2/34

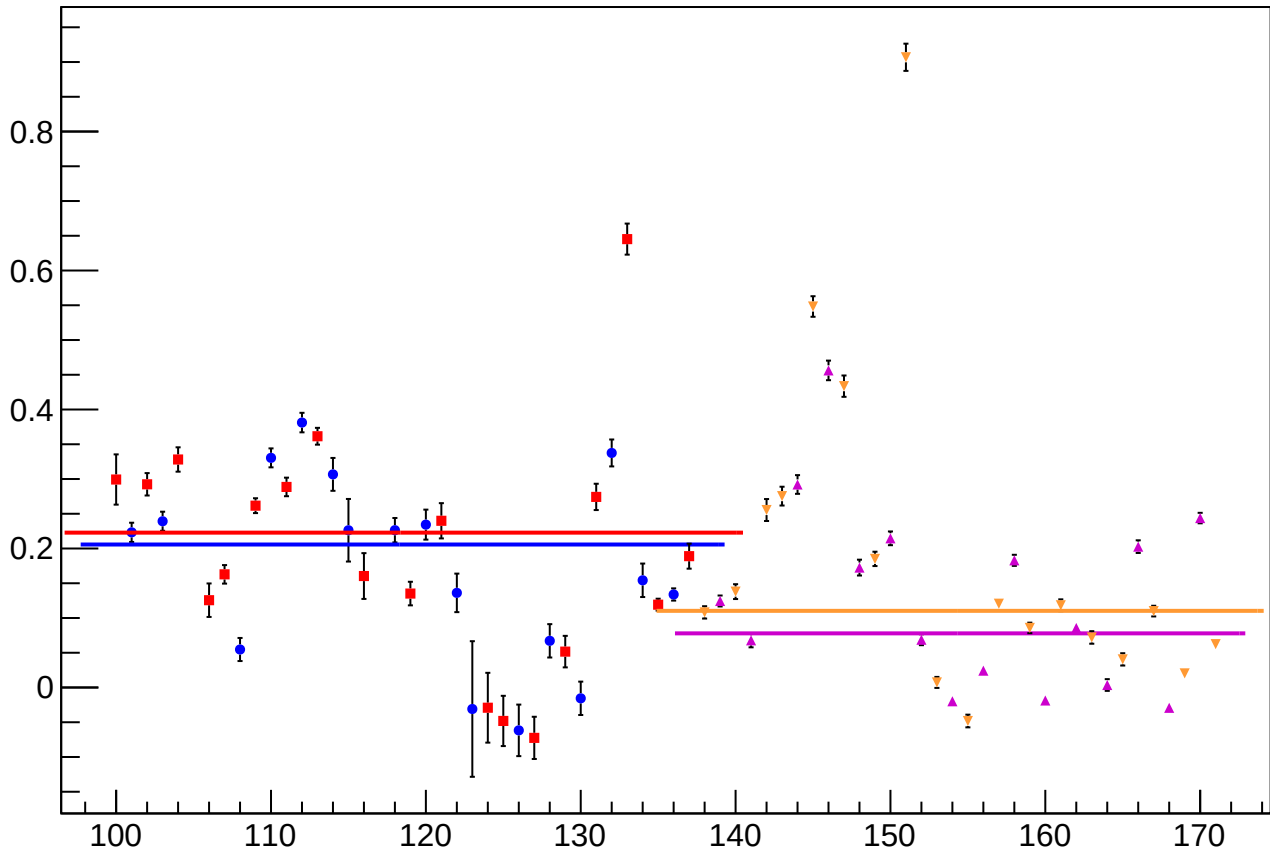
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 $\pm$ 0.072 χ^2/NDF : 1272.1/16
 Left Out: -3.128 $\pm$ 0.048 χ^2/NDF : 2716.0/17
 Right Out: -1.679 $\pm$ 0.068 χ^2/NDF : 1429.6/18
 Left In: -2.541 $\pm$ 0.044 χ^2/NDF : 2342.6/15

+ sign -2.716 $\pm$ 0.040 χ^2/NDF : 4230.1/34
 All: -2.485 $\pm$ 0.027 χ^2/NDF : 8177.7/69
 - sign -2.291 $\pm$ 0.037 χ^2/NDF : 3886.1/34

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.110 ± 0.002 χ^2/NDF : 4044.7/17

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.078 ± 0.002 χ^2/NDF : 3191.4/15

+ sign 0.130 ± 0.002 χ^2/NDF : 5097.6/34

All: 0.117 ± 0.001 χ^2/NDF : 10559.8/69

- sign 0.106 ± 0.002 χ^2/NDF : 5380.6/34