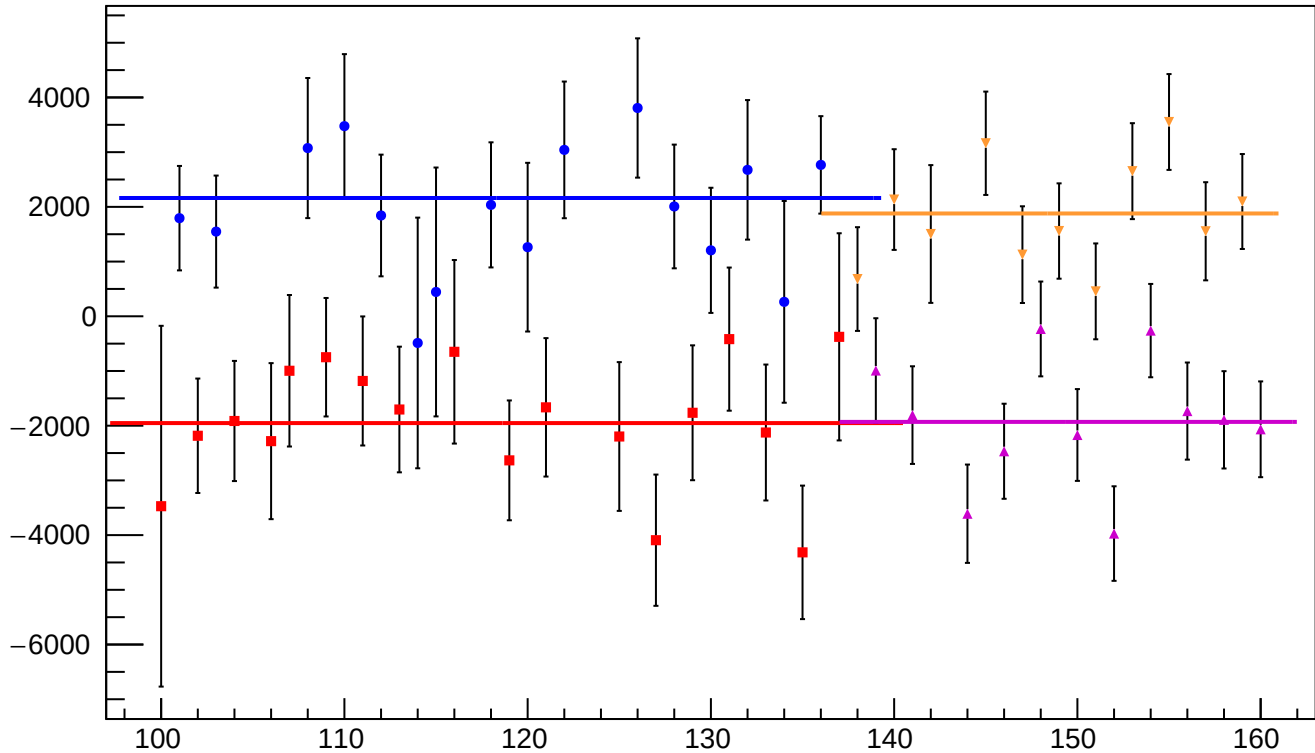


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

2005.646+/-205.377

χ^2/NDF : 21.1/26

Left Out: 1879.201+/-276.086

χ^2/NDF : 11.7/10

Right Out: -1952.148+/-300.581

χ^2/NDF : 12.6/17

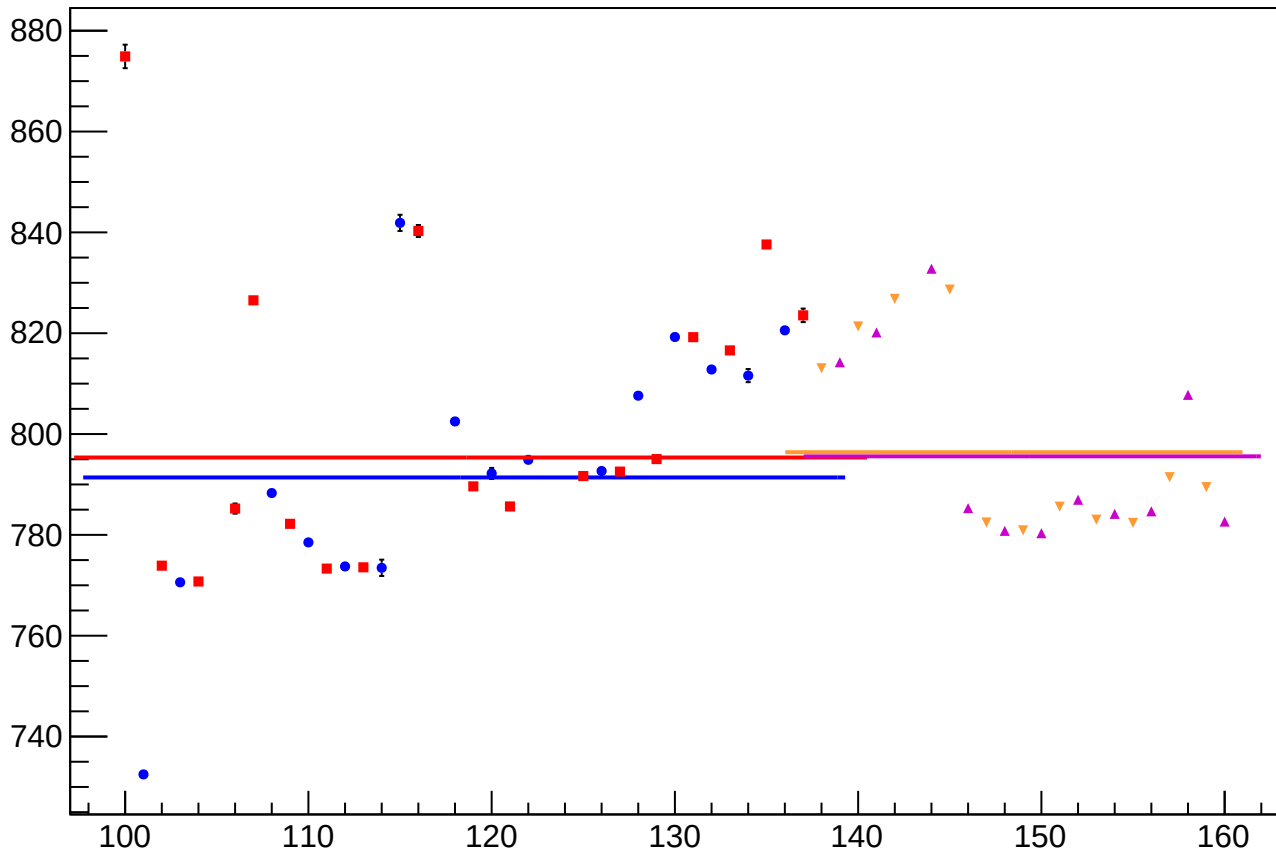
-1939.972+/-198.873

χ^2/NDF : 30.9/28

Left In: -1930.491+/-265.224

χ^2/NDF : 18.3/10

reg_asym_us_avg_rms vs Slug



Right In: 791.390+/-0.217 χ^2/NDF : 15008.3/15

Left Out: 796.395+/-0.195 χ^2/NDF : 8184.9/10

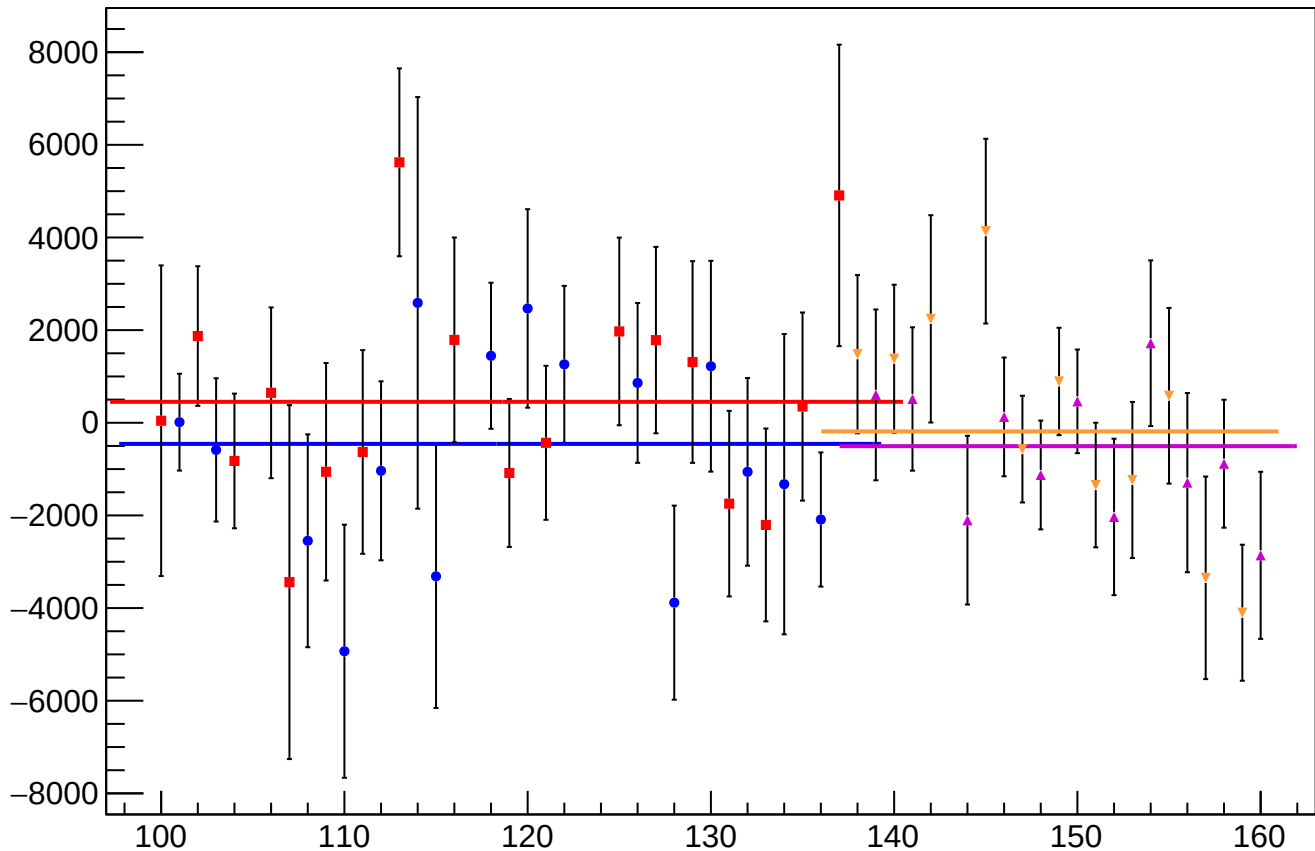
Right Out: 795.345+/-0.213 χ^2/NDF : 11559.8/17

Left In: 795.575+/-0.188 χ^2/NDF : 8900.7/10

794.160+/-0.145 χ^2/NDF : 23486.7/26

795.474+/-0.141 χ^2/NDF : 20461.2/28

asym_us_avg_correction_mean vs Slug



Right In: -455.675+/-464.232 χ^2/NDF : 14.9/15

Left Out: -186.128+/-469.363 χ^2/NDF : 19.3/10

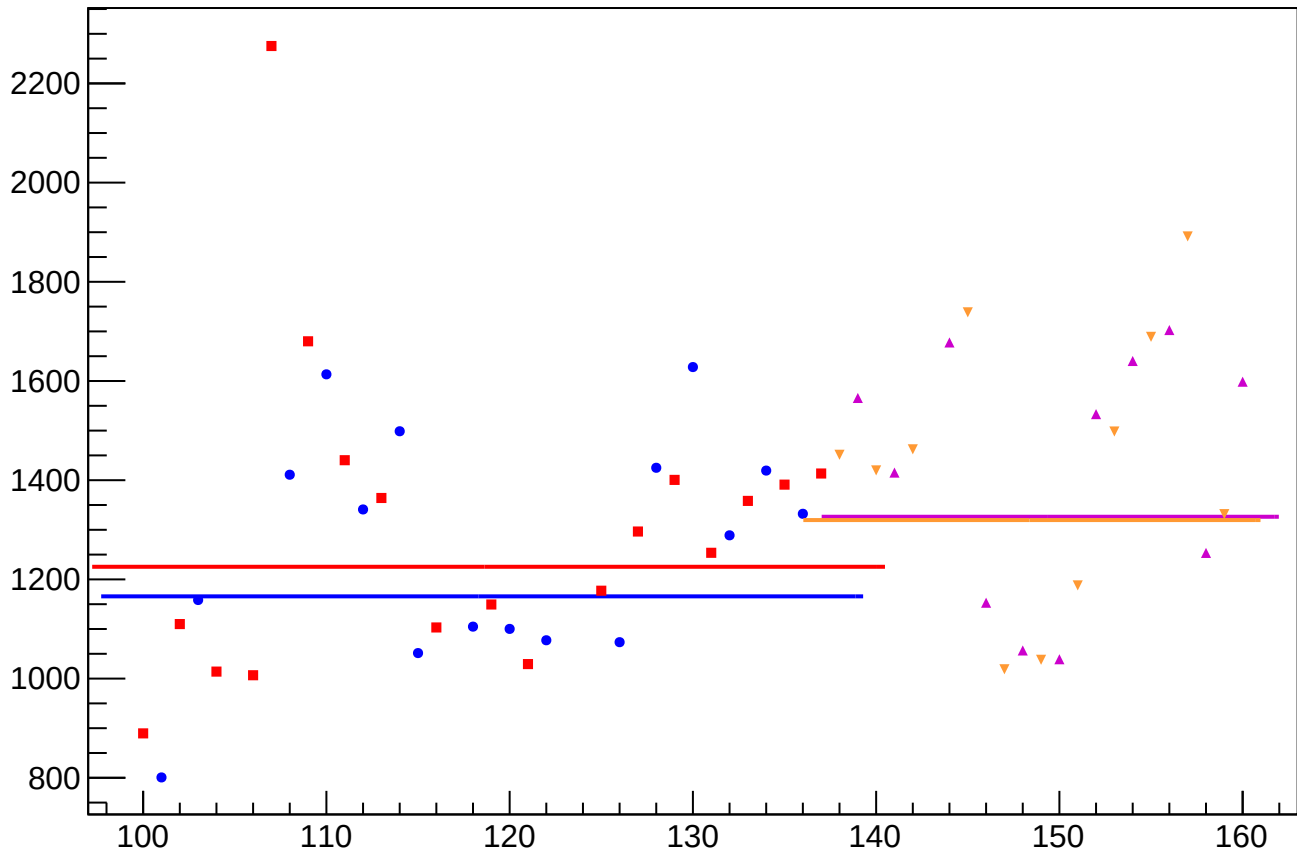
Right Out: 452.644+/-472.760 χ^2/NDF : 17.3/17

Left In: -504.483+/-451.423 χ^2/NDF : 7.1/10

-322.383+/-330.061 χ^2/NDF : 34.3/26

-48.006+/-326.487 χ^2/NDF : 26.6/28

asym_us_avg_correction_rms vs Slug



Right In: 1165.812 $\pm$ 0.328 χ^2 /NDF: 526801.3/15

Left Out: 1319.618 $\pm$ 0.332 χ^2 /NDF: 625084.8/10

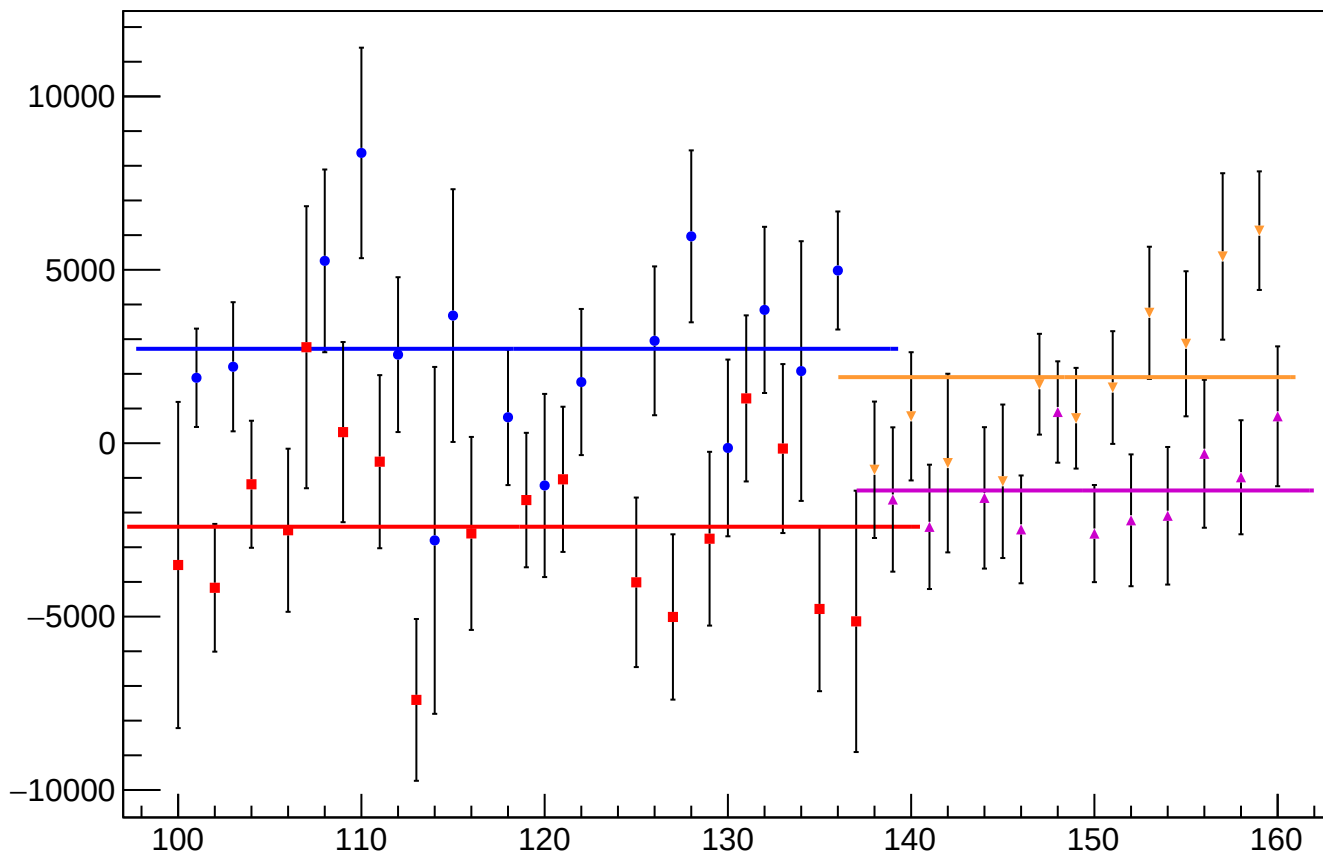
Right Out: 1225.448 $\pm$ 0.334 χ^2 /NDF: 440420.8/17

Left In: 1326.308 $\pm$ 0.319 χ^2 /NDF: 607154.3/10

1241.870 $\pm$ 0.233 χ^2 /NDF: 1260448.2/26

1278.206 $\pm$ 0.231 χ^2 /NDF: 1095190.7/28

asym_us_avg_mean vs Slug



Right In: 2722.309+/-567.154 χ^2/NDF : 14.6/15

Left Out: 1905.132+/-554.516 χ^2/NDF : 15.1/10

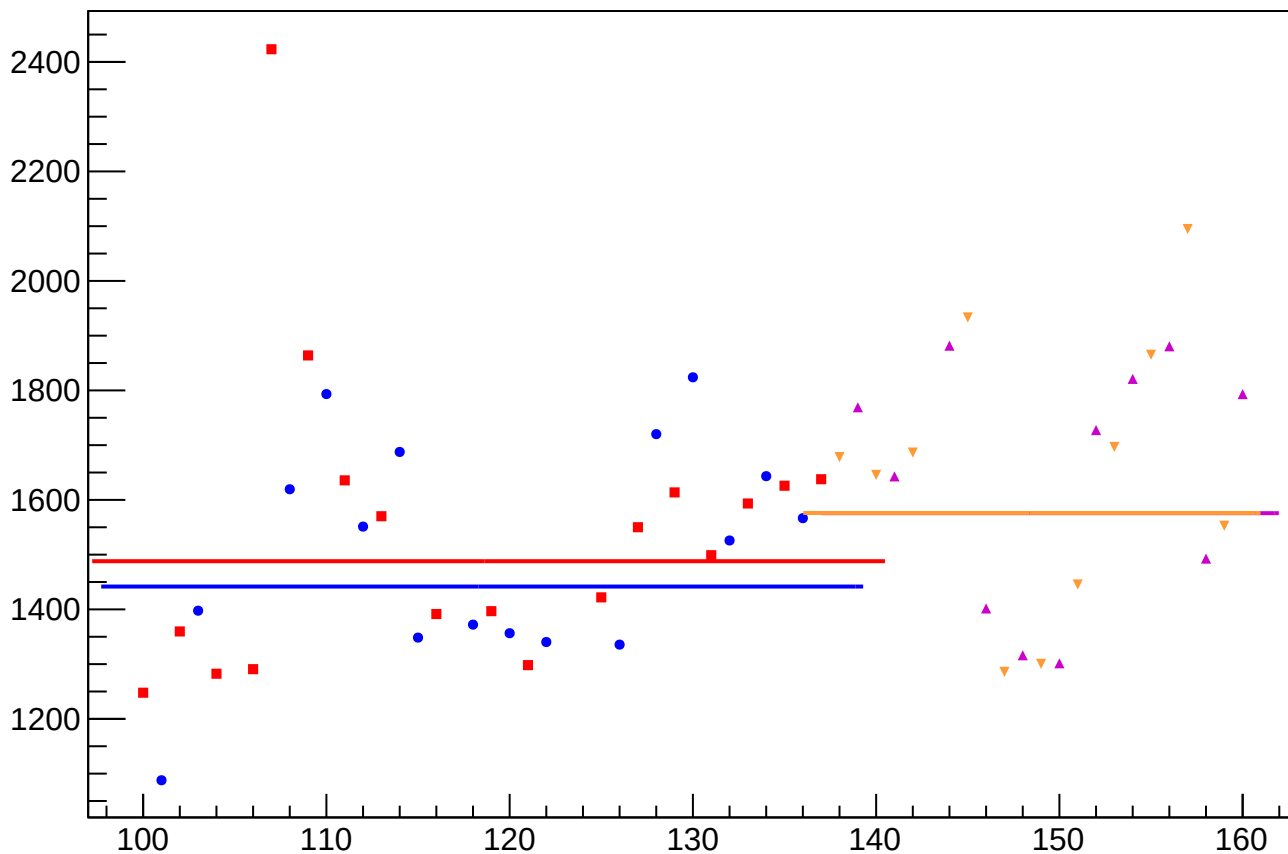
Right Out: -2408.446+/-568.977 χ^2/NDF : 16.3/17

Left In: -1363.163+/-531.442 χ^2/NDF : 5.8/10

2304.515+/-396.495 χ^2/NDF : 30.7/26

-1850.191+/-388.378 χ^2/NDF : 23.9/28

asym_us_avg_rms vs Slug



Right In: 1441.720+/-0.401 χ^2 /NDF: 275902.8/15

Left Out: 1576.112+/-0.392 χ^2 /NDF:368688.5/10

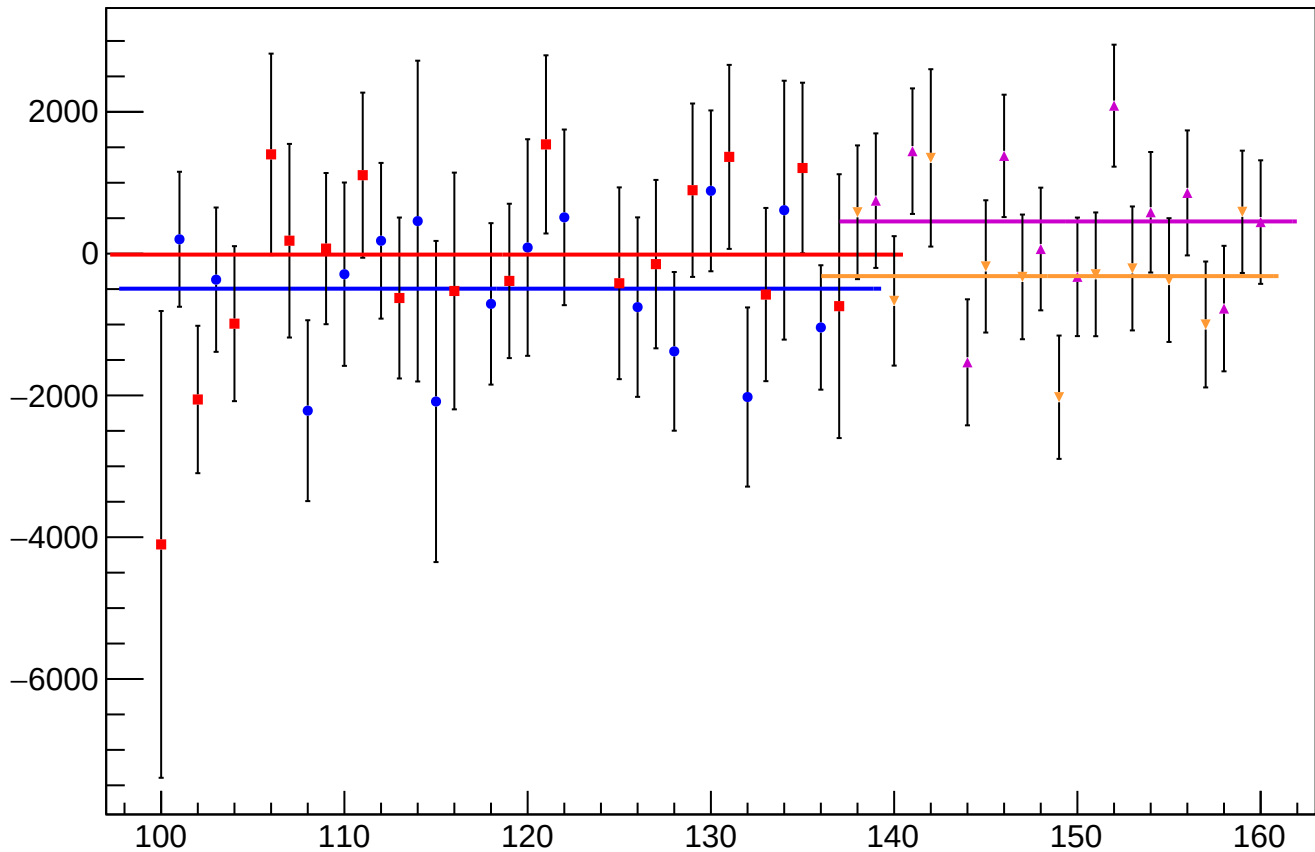
Right Out: 1488.026+/-0.402 χ^2 /NDF: 256140.4/17

Left In: 1575.737+/-0.376 χ^2 /NDF:342470.4/10

1510.430+/-0.280 χ^2 /NDF: 702005.9/26

1534.870+/-0.275 χ^2 /NDF: 623994.3/28

reg_asym_us_dd_mean vs Slug



Right In: -494.223 ± 304.644 $\chi^2/\text{NDF}: 8.7/15$

Left Out: -317.057 ± 274.501 $\chi^2/\text{NDF}: 8.4/10$

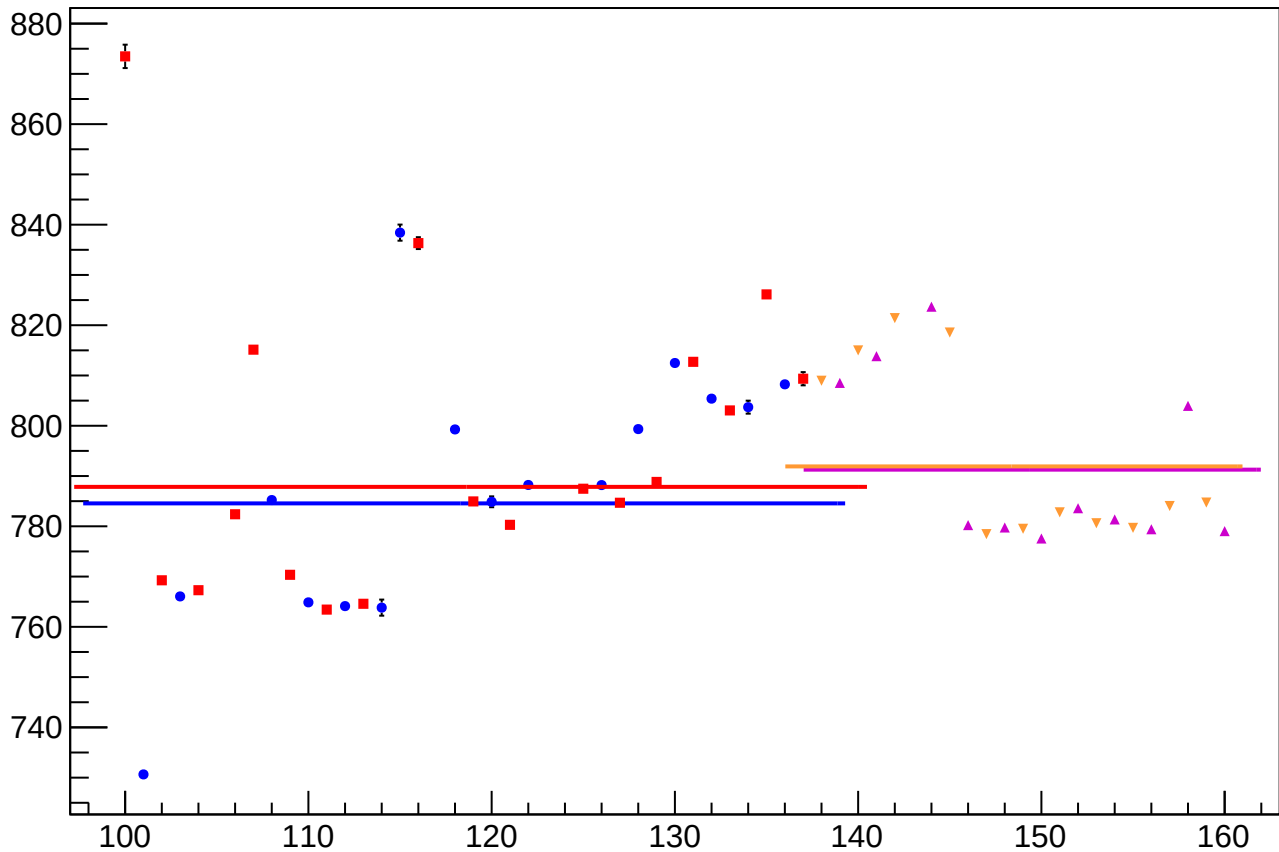
Right Out: -13.512 ± 297.736 $\chi^2/\text{NDF}: 13.4/17$

Left In: 454.316 ± 263.772 $\chi^2/\text{NDF}: 14.3/10$

-396.444 ± 203.928 $\chi^2/\text{NDF}: 17.3/26$

248.597 ± 197.436 $\chi^2/\text{NDF}: 29.1/28$

reg_asym_us_dd_rms vs Slug



Right In: 784.558+/-0.215 χ^2/NDF : 13677.7/15

Left Out: 791.912+/-0.194 χ^2/NDF : 6790.7/10

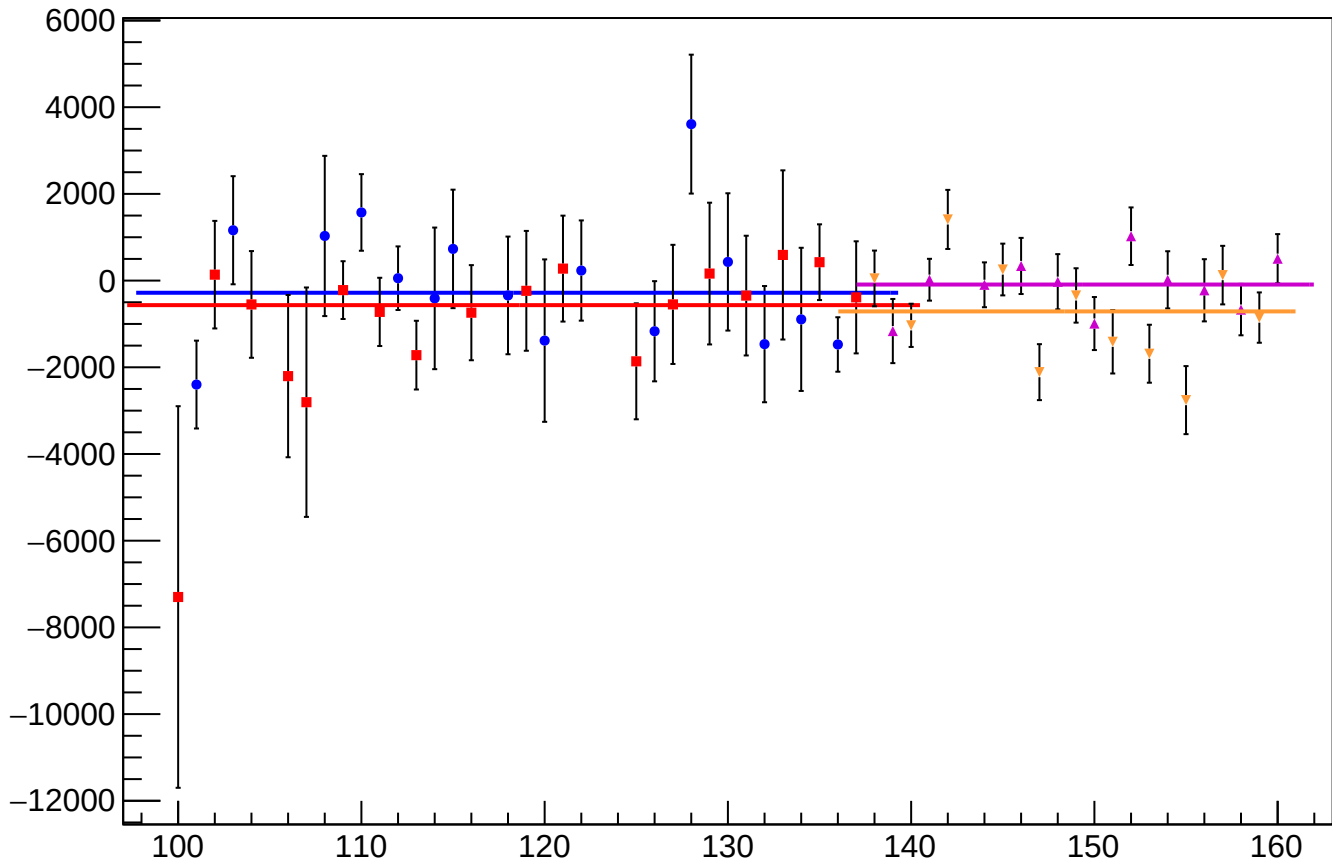
Right Out: 787.844+/-0.211 χ^2/NDF : 10909.0/17

Left In: 791.269+/-0.187 χ^2/NDF : 7434.4/10

788.617+/-0.144 χ^2/NDF : 21111.8/26

789.763+/-0.140 χ^2/NDF : 18491.7/28

asym_us_dd_correction_mean vs Slug



Right In: -280.632+/-282.501 χ^2/NDF : 23.1/15

Left Out: -710.790+/-191.604 χ^2/NDF : 30.6/10

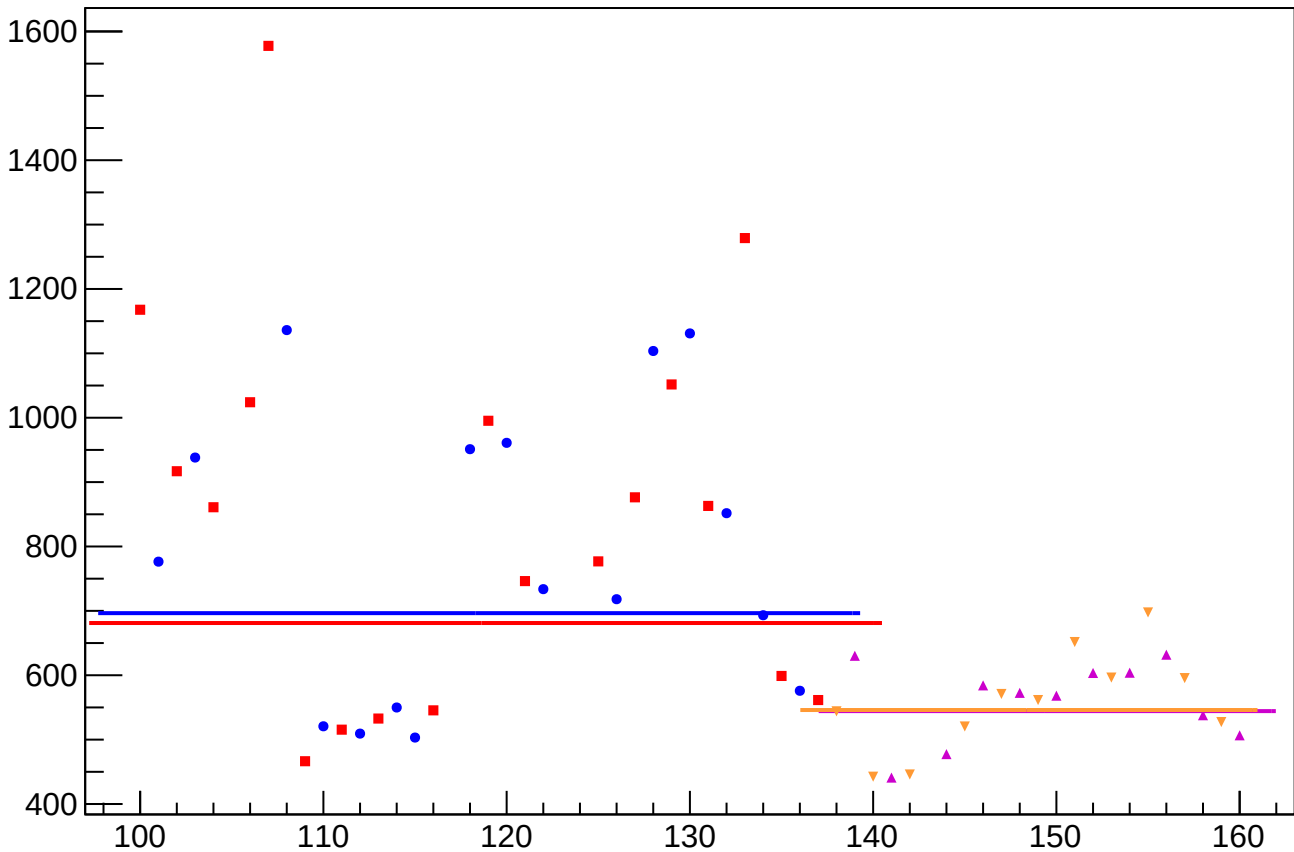
Right Out: -566.224+/-272.883 χ^2/NDF : 9.9/17

Left In: -91.037+/-183.050 χ^2/NDF : 9.7/10

-575.258+/-158.572 χ^2/NDF : 55.3/26

-238.503+/-152.016 χ^2/NDF : 21.7/28

asym_us_dd_correction_rms vs Slug



Right In: 696.462+/-0.200 χ^2/NDF : 959490.0/15

Left Out: 545.976+/-0.135 χ^2/NDF : 277810.4/10

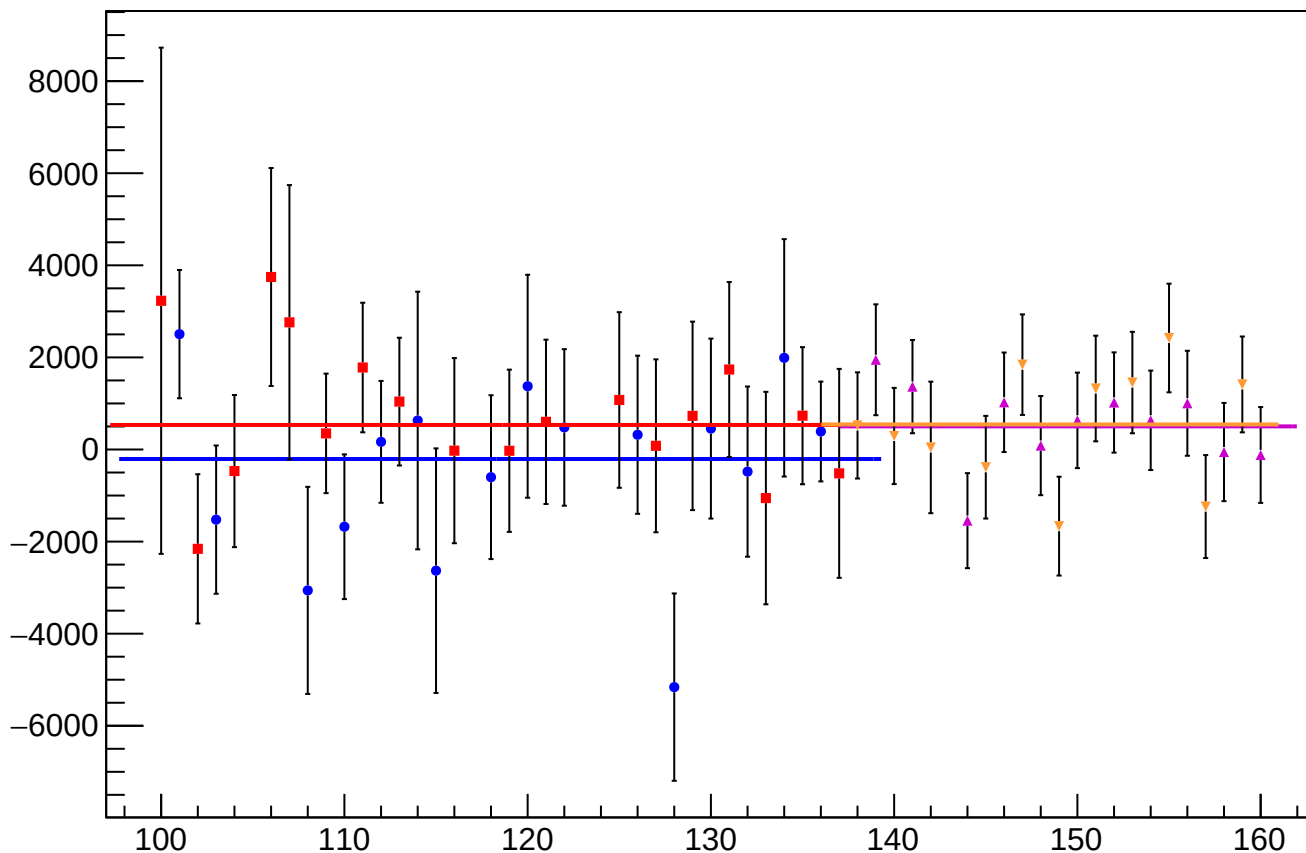
593.391+/-0.112 χ^2/NDF : 1626007.2/26

Right Out: 681.127+/-0.193 χ^2/NDF : 1352555.6/17

586.757+/-0.107 χ^2/NDF : 1937134.7/28

Left In: 544.294+/-0.129 χ^2/NDF : 237764.9/10

asym_us_dd_mean vs Slug



Right In: -206.385 ± 433.774 χ^2/NDF : 15.8/15

Left Out: 544.230 ± 339.104 χ^2/NDF : 13.4/10

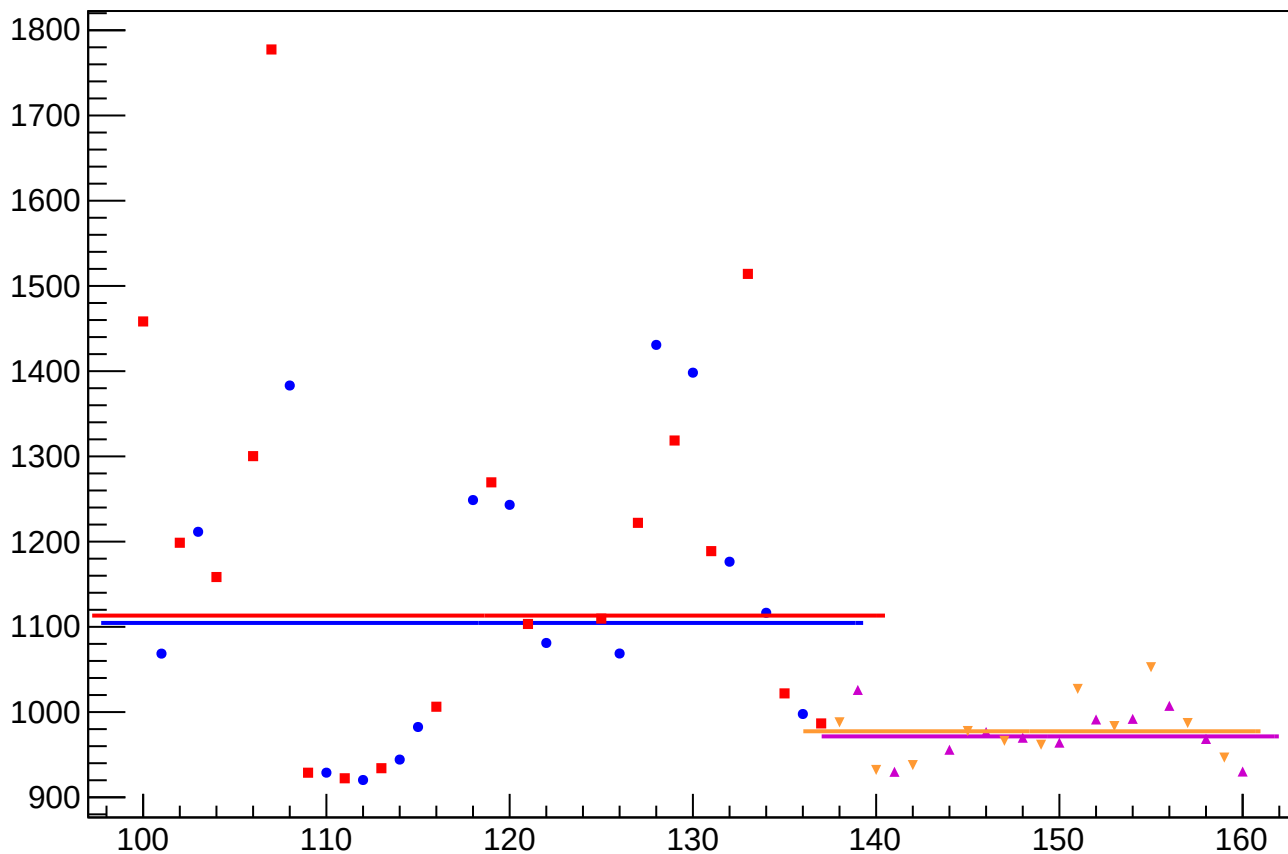
Right Out: 532.837 ± 427.128 χ^2/NDF : 8.1/17

Left In: 501.967 ± 323.992 χ^2/NDF : 7.6/10

259.506 ± 267.157 χ^2/NDF : 31.1/26

513.242 ± 258.132 χ^2/NDF : 15.7/28

asym_us_dd_rms vs Slug



Right In: 1104.596 $\pm$ 0.307 χ^2 /NDF: 255488.3/15

Left Out: 977.471 $\pm$ 0.240 χ^2 /NDF:19974.4/10

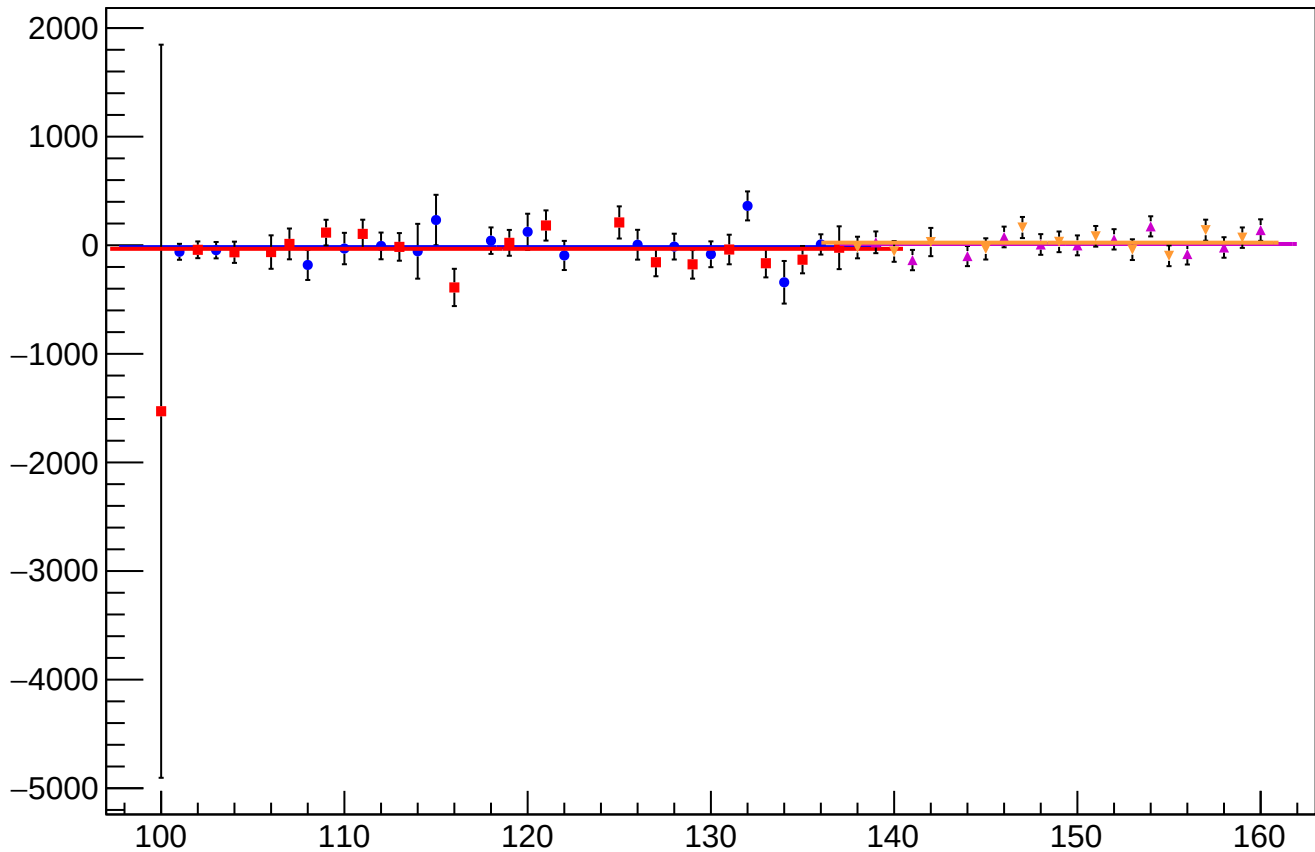
Right Out: 1113.215 $\pm$ 0.302 χ^2 /NDF: 362982.2/17

Left In: 971.465 $\pm$ 0.229 χ^2 /NDF:14601.6/10

1025.692 $\pm$ 0.189 χ^2 /NDF: 382081.0/26

1023.237 $\pm$ 0.183 χ^2 /NDF: 517405.5/28

reg_asym_ds_avg_mean vs Slug



Right In: -17.236 ± 29.988 χ^2/NDF : 15.6/15

Left Out: 23.917 ± 29.620 χ^2/NDF : 7.4/10

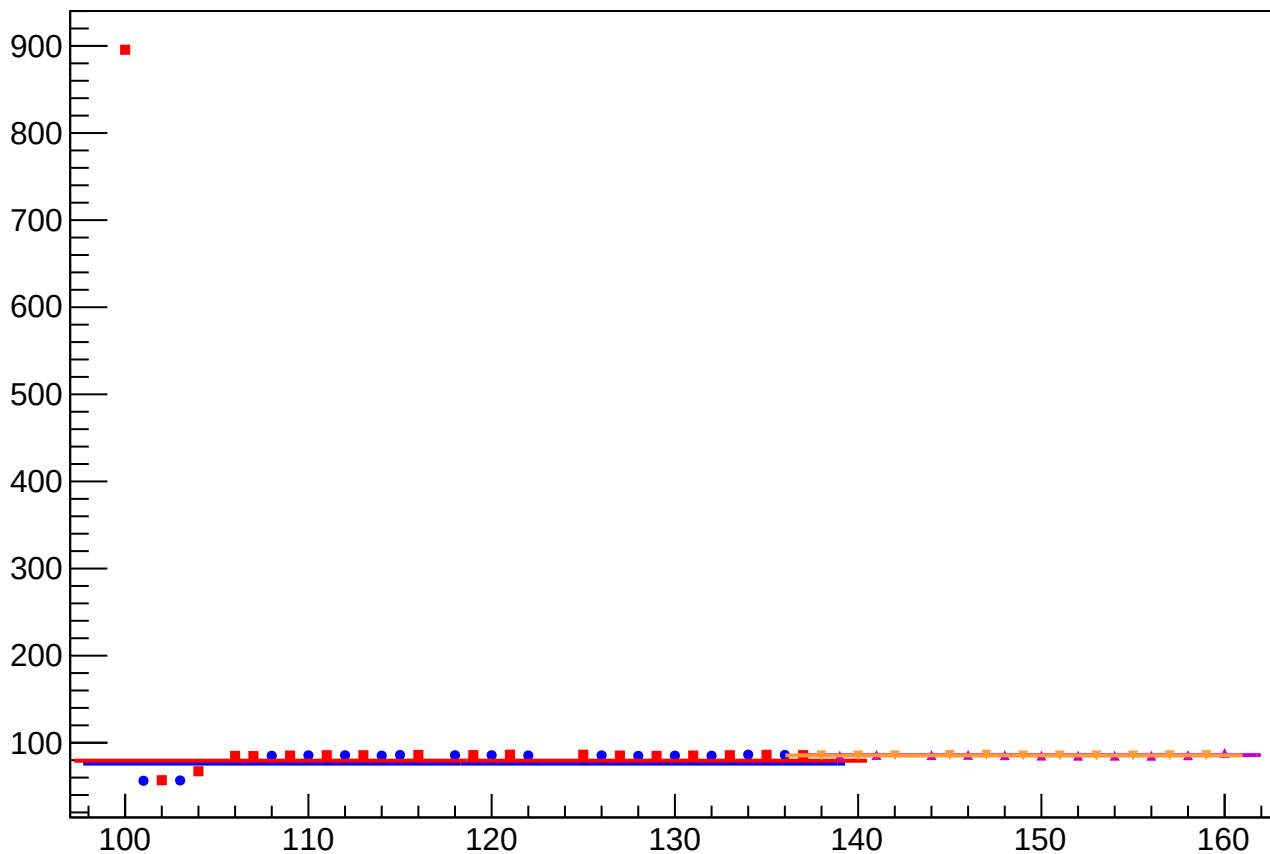
Right Out: -32.892 ± 30.446 χ^2/NDF : 16.5/17

Left In: 11.646 ± 28.617 χ^2/NDF : 10.4/10

3.594 ± 21.073 χ^2/NDF : 23.9/26

-9.244 ± 20.852 χ^2/NDF : 28.1/28

reg_asym_ds_avg_rms vs Slug



Right In: 76.079+/-0.021 χ^2/NDF : 409170.8/15

Left Out: 85.471+/-0.021 χ^2/NDF :171.6/10

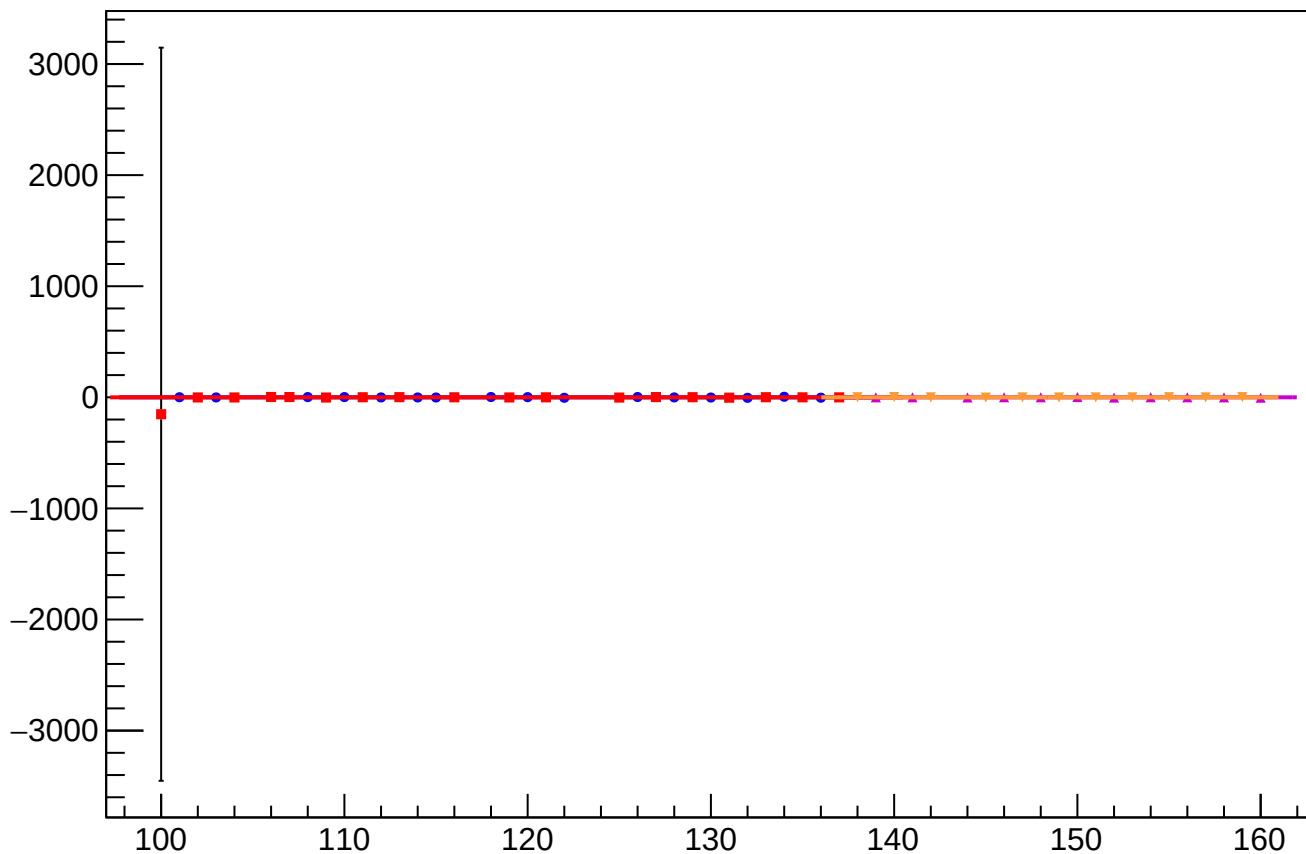
Right Out: 79.390+/-0.022 χ^2/NDF : 378526.1/17

Left In: 85.823+/-0.020 χ^2/NDF :1684.3/10

80.833+/-0.015 χ^2/NDF : 508628.7/26

82.806+/-0.015 χ^2/NDF : 427620.7/28

asym_ds_avg_correction_mean vs Slug



Right In: -0.281 ± 0.501 χ^2/NDF : 21.2/15

Left Out: -0.100 ± 0.494 χ^2/NDF : 6.9/10

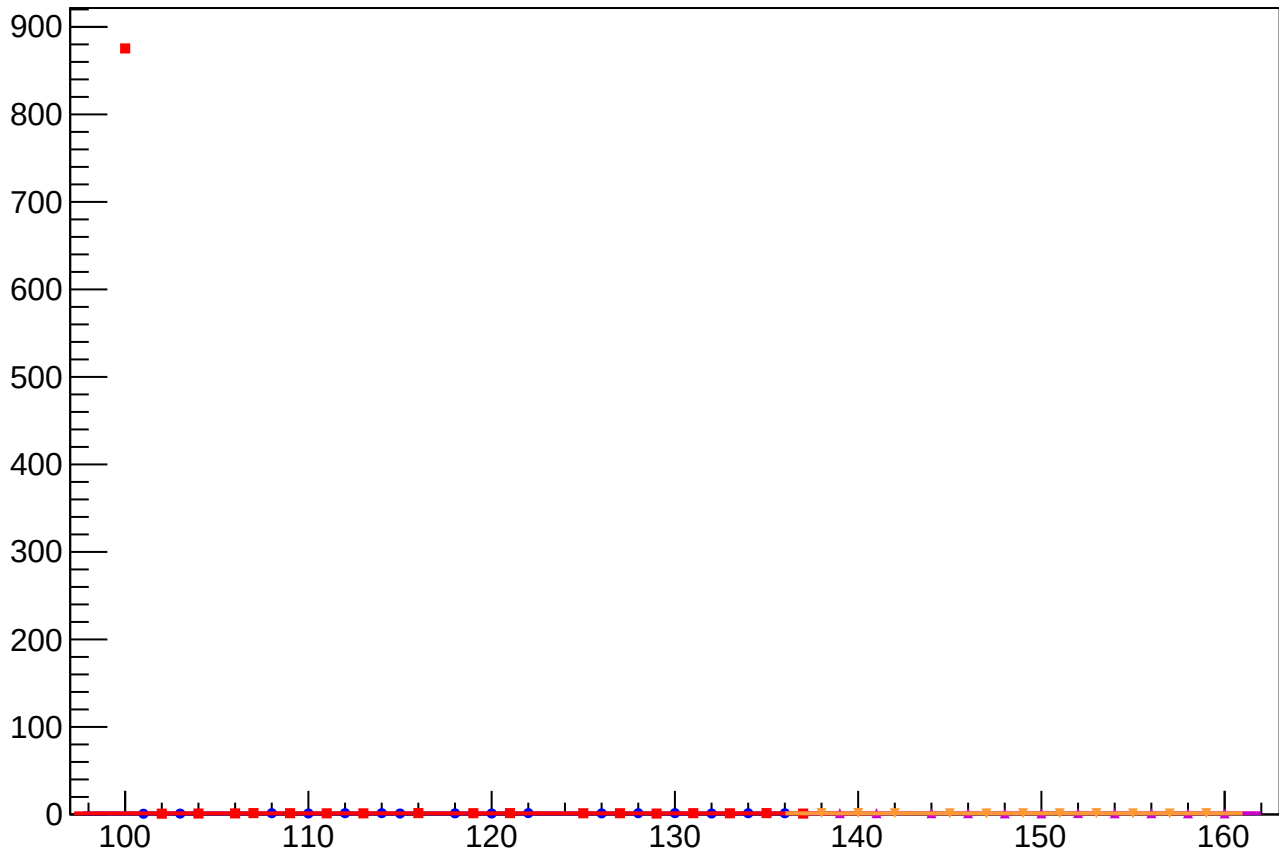
Right Out: -0.078 ± 0.521 χ^2/NDF : 9.0/17

Left In: -0.080 ± 0.504 χ^2/NDF : 9.5/10

-0.189 ± 0.352 χ^2/NDF : 28.1/26

-0.079 ± 0.362 χ^2/NDF : 18.5/28

asym_ds_avg_correction_rms vs Slug



Right In: 1.152+/-0.000 χ^2/NDF : 514348.9/15

Left Out: 1.284+/-0.000 χ^2/NDF : 186357.4/10

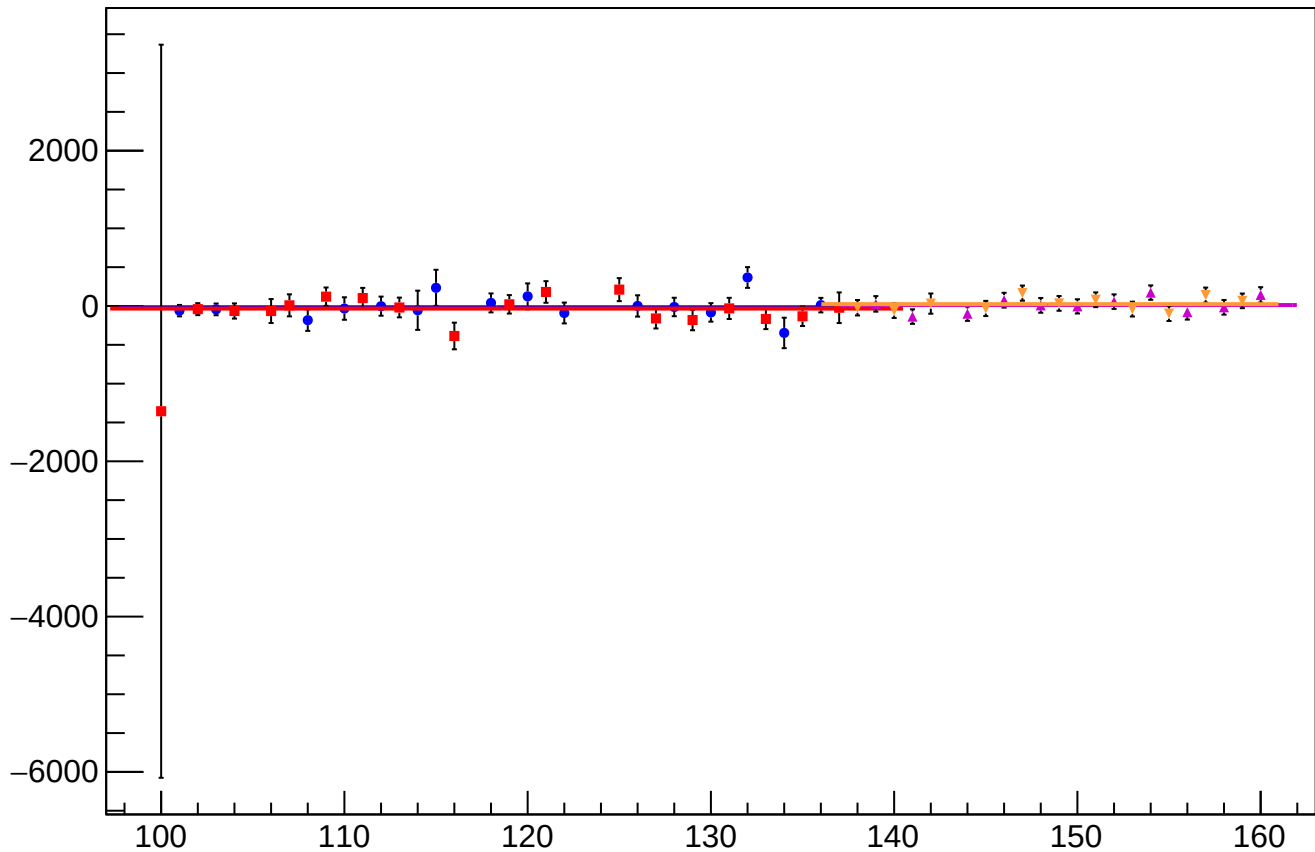
Right Out: 1.247+/-0.000 χ^2/NDF : 517130.7/17

Left In: 1.390+/-0.000 χ^2/NDF : 97716.4/10

1.219+/-0.000 χ^2/NDF : 770678.0/26

1.321+/-0.000 χ^2/NDF : 692780.3/28

asym_ds_avg_mean vs Slug



Right In: -16.311+/-29.996 χ^2 /NDF: 15.9/15

Left Out: 23.933+/-29.628 χ^2 /NDF: 7.5/10

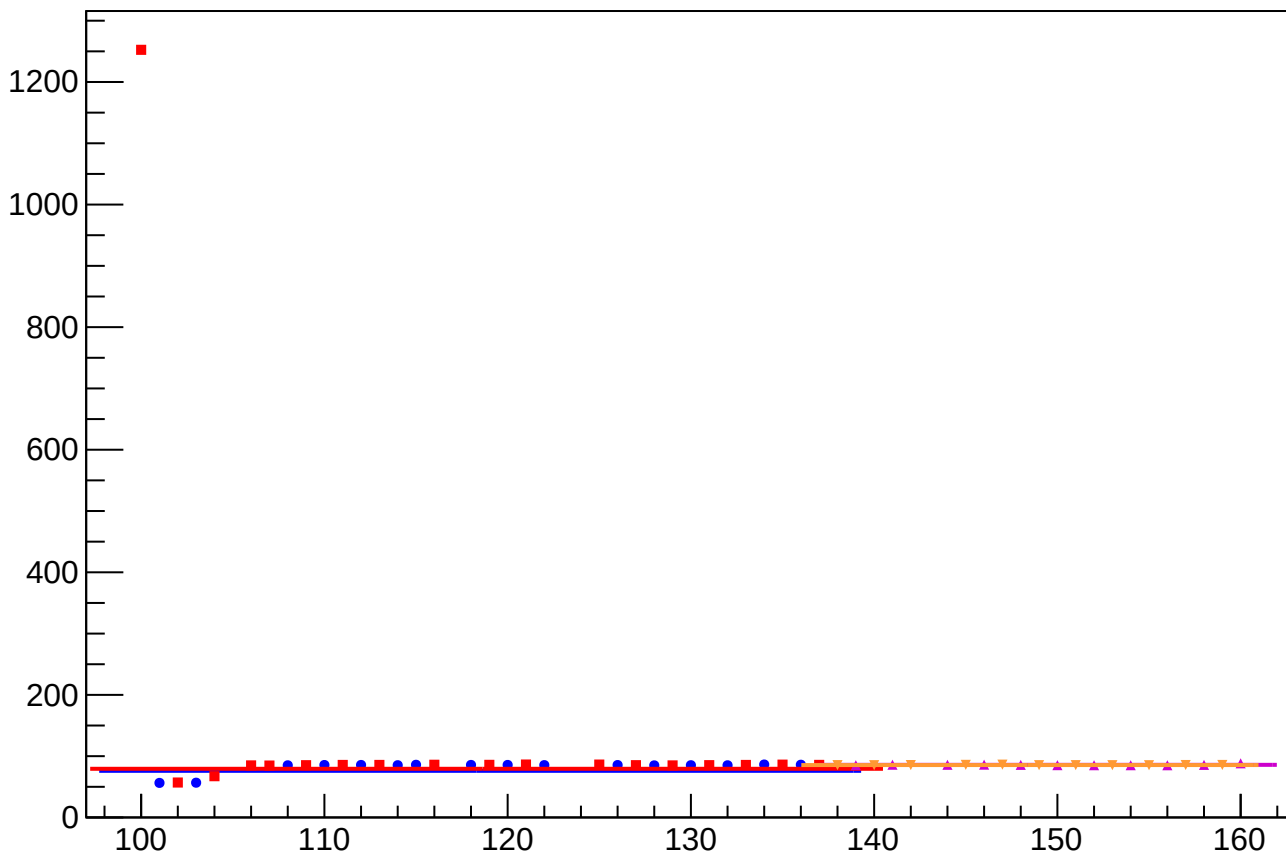
Right Out: -33.114+/-30.455 χ^2 /NDF: 16.5/17

Left In: 12.207+/-28.625 χ^2 /NDF: 10.4/10

4.059+/-21.079 χ^2 /NDF: 24.3/26

-9.051+/-20.858 χ^2 /NDF: 28.1/28

asym_ds_avg_rms vs Slug



Right In: 76.099+/-0.021 χ^2/NDF : 409200.9/15

Left Out: 85.493+/-0.021 χ^2/NDF :171.8/10

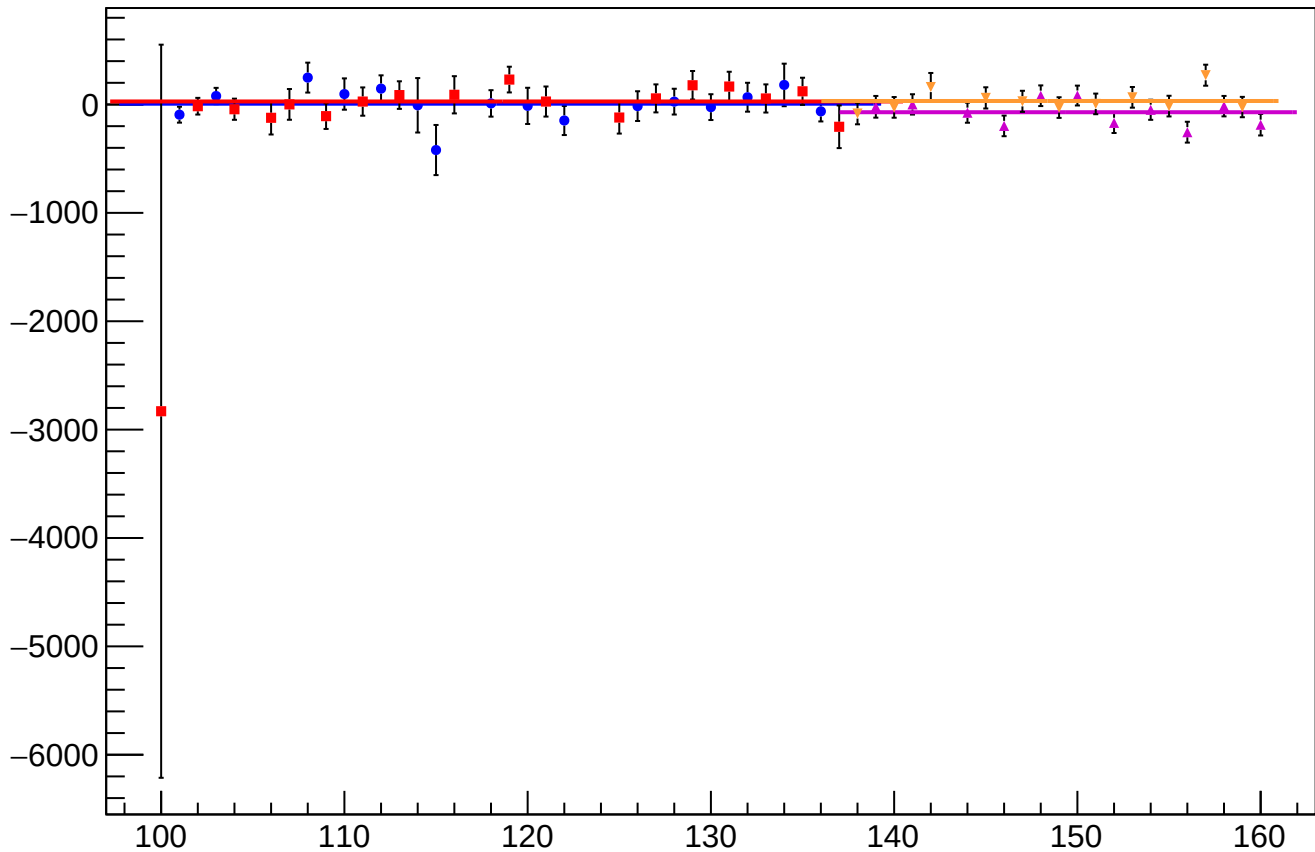
Right Out: 79.393+/-0.022 χ^2/NDF : 385048.8/17

Left In: 85.846+/-0.020 χ^2/NDF :1687.0/10

80.854+/-0.015 χ^2/NDF : 508659.3/26

82.820+/-0.015 χ^2/NDF : 434415.9/28

reg_asym_ds_dd_mean vs Slug



Right In: 7.460 ± 29.969 χ^2/NDF : 13.9/15

Left Out: 32.332 ± 29.620 χ^2/NDF : 10.0/10

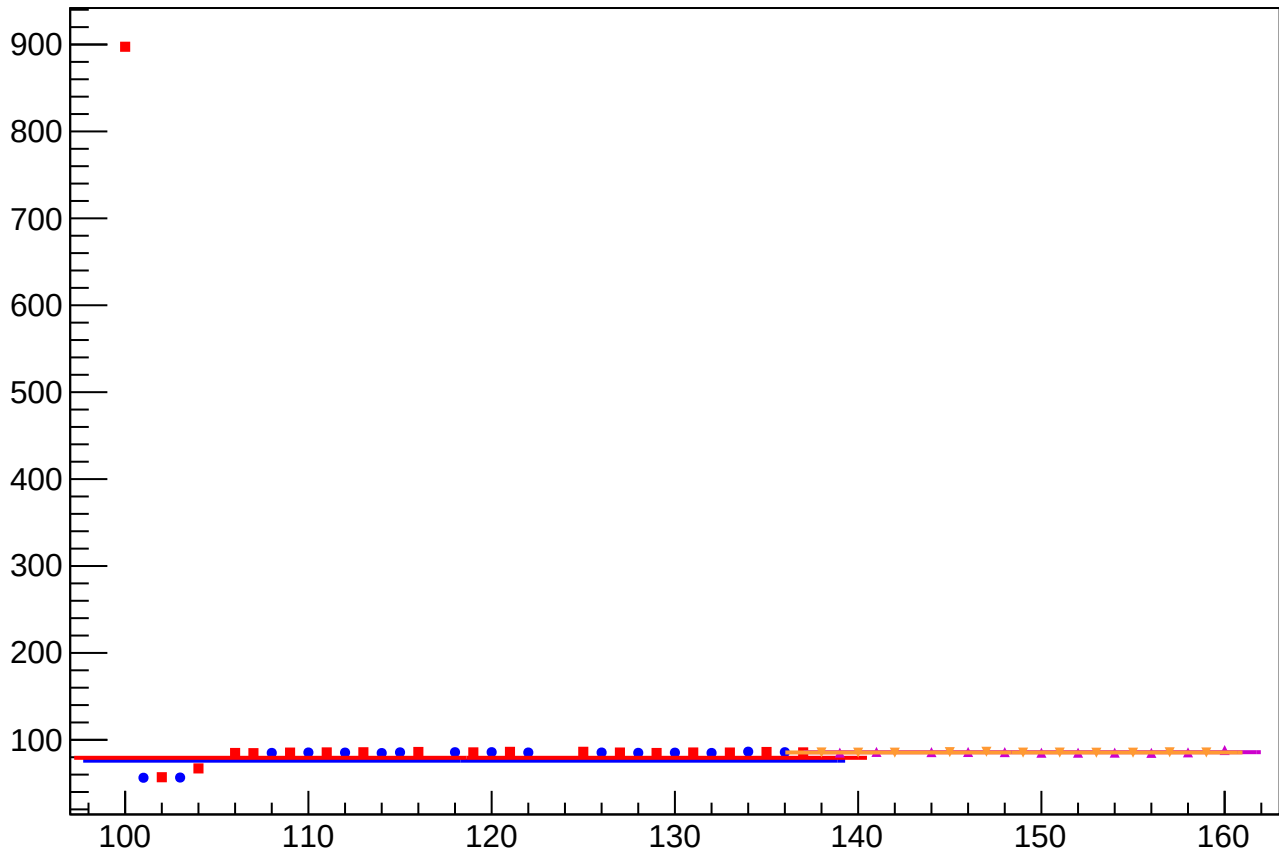
Right Out: 27.920 ± 30.428 χ^2/NDF : 12.5/17

Left In: -71.338 ± 28.612 χ^2/NDF : 14.5/10

20.042 ± 21.067 χ^2/NDF : 24.3/26

-24.759 ± 20.844 χ^2/NDF : 32.6/28

reg_asym_ds_dd_rms vs Slug



Right In: 76.032 $\pm$ 0.021 χ^2 /NDF: 408917.7/15

Left Out: 85.469 $\pm$ 0.021 χ^2 /NDF:226.4/10

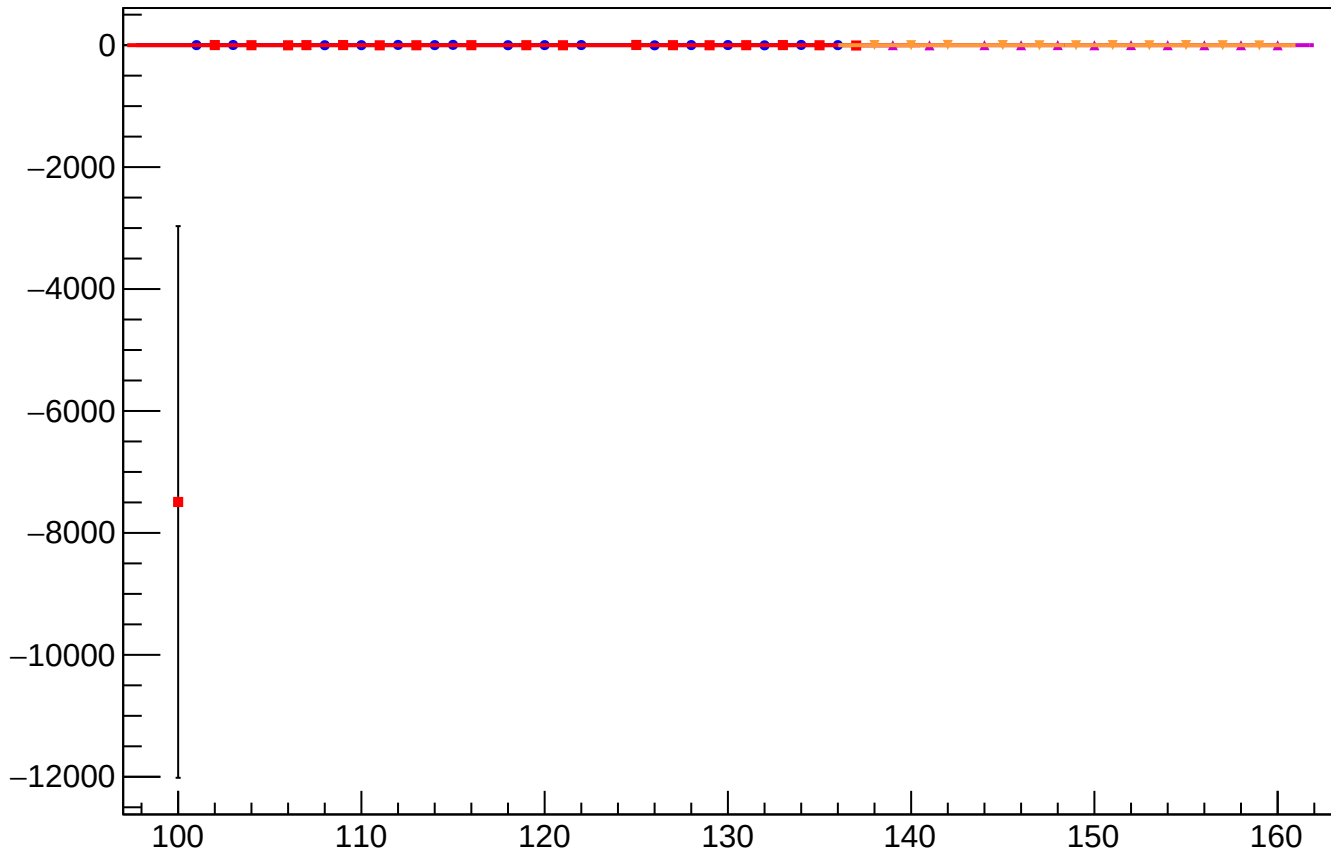
Right Out: 79.342 $\pm$ 0.022 χ^2 /NDF: 378371.9/17

Left In: 85.807 $\pm$ 0.020 χ^2 /NDF:1674.8/10

80.806 $\pm$ 0.015 χ^2 /NDF: 509473.6/26

82.773 $\pm$ 0.015 χ^2 /NDF: 427973.0/28

asym_ds_dd_correction_mean vs Slug



Right In: 0.911+/-0.532 χ^2/NDF : 12.0/15

Left Out: -0.639+/-0.505 χ^2/NDF : 12.4/10

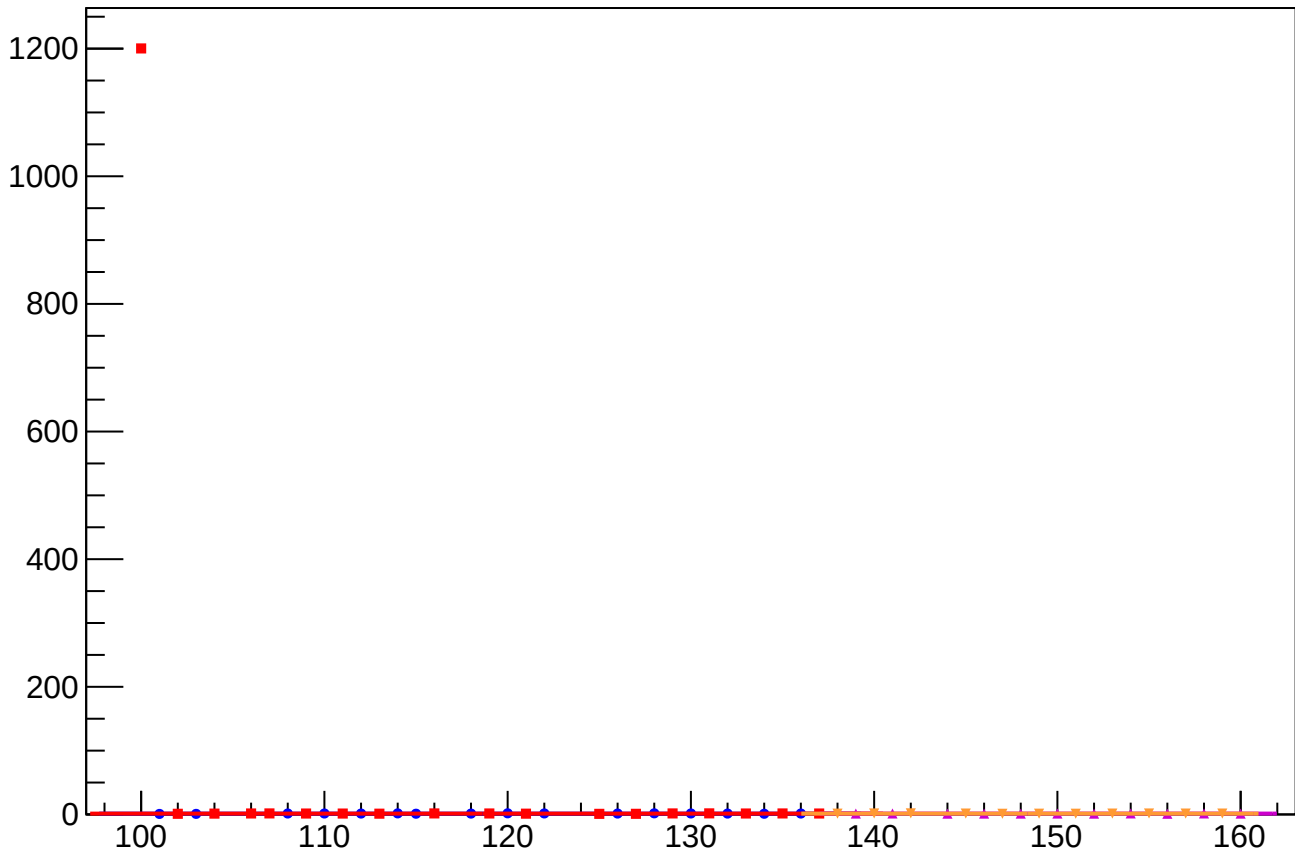
Right Out: -0.314+/-0.548 χ^2/NDF : 12.6/17

Left In: -0.274+/-0.498 χ^2/NDF : 5.7/10

0.095+/-0.366 χ^2/NDF : 28.9/26

-0.292+/-0.369 χ^2/NDF : 18.3/28

asym_ds_dd_correction_rms vs Slug



Right In: 1.238 $\pm$ 0.000 χ^2 /NDF: 657848.9/15

Left Out: 1.325 $\pm$ 0.000 χ^2 /NDF:224886.0/10

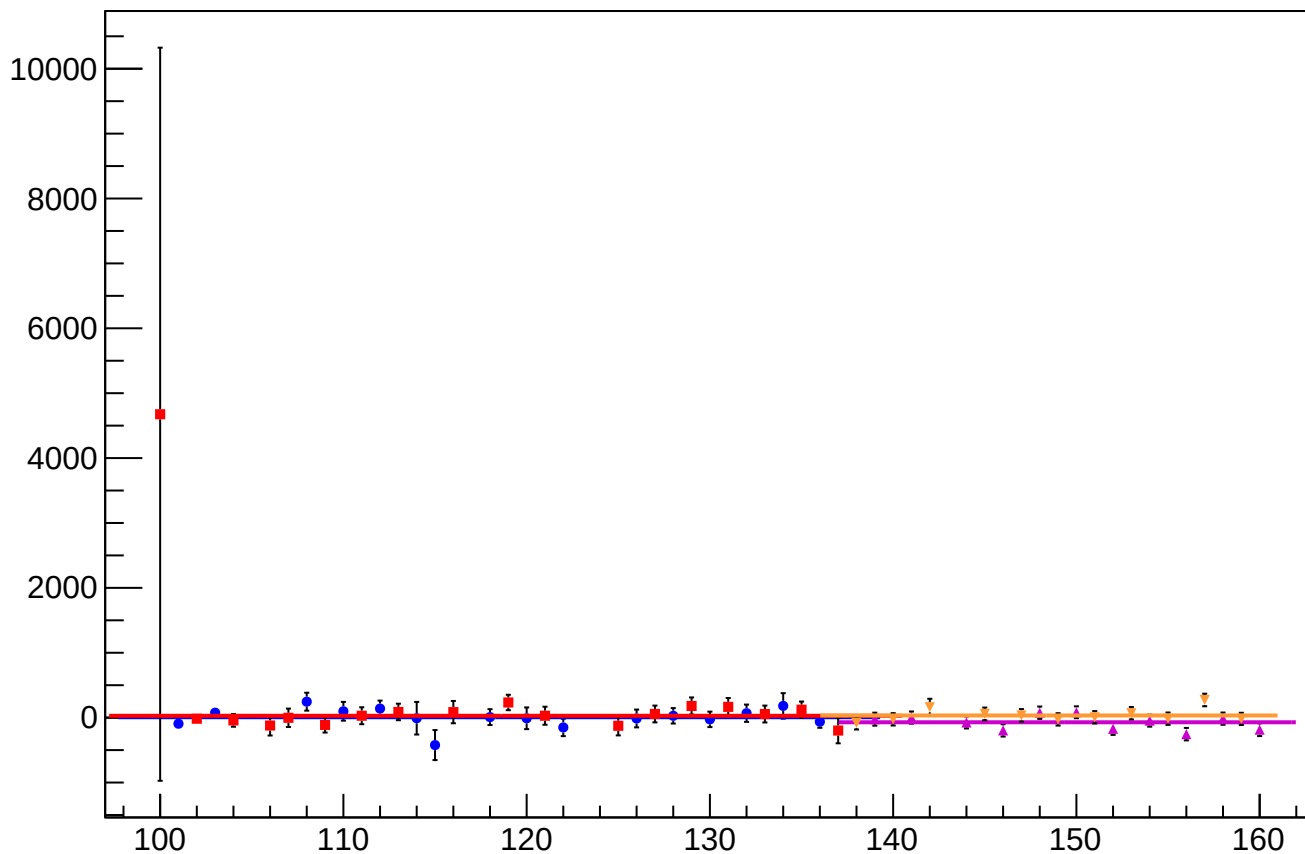
Right Out: 1.317 $\pm$ 0.000 χ^2 /NDF: 521587.9/17

Left In: 1.363 $\pm$ 0.000 χ^2 /NDF:182196.6/10

1.284 $\pm$ 0.000 χ^2 /NDF: 911038.6/26

1.342 $\pm$ 0.000 χ^2 /NDF: 711186.7/28

asym_ds_dd_mean vs Slug



Right In: 6.781 ± 29.977 χ^2/NDF : 13.8/15

Left Out: 33.539 ± 29.627 χ^2/NDF : 10.0/10

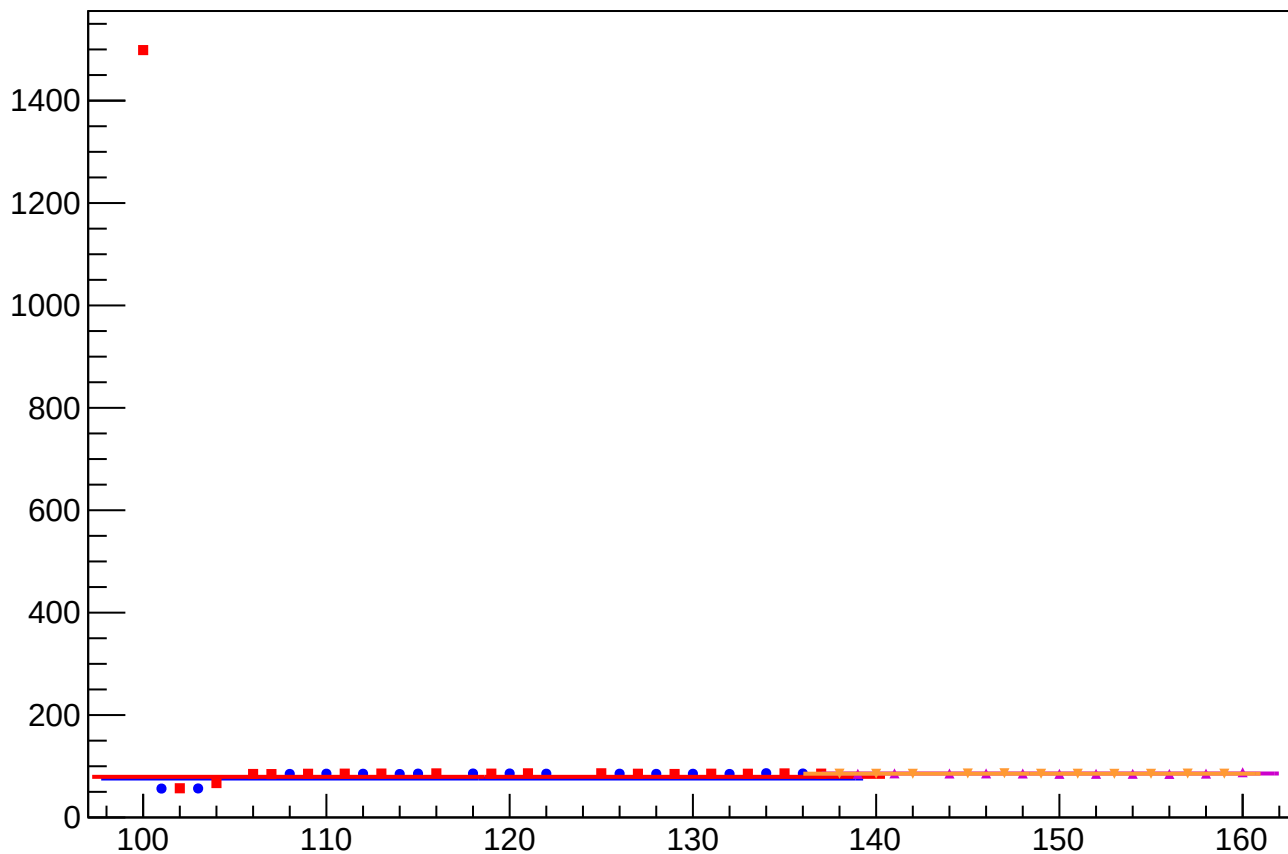
Right Out: 28.551 ± 30.437 χ^2/NDF : 12.7/17

Left In: -71.348 ± 28.620 χ^2/NDF : 14.3/10

20.317 ± 21.072 χ^2/NDF : 24.3/26

-24.470 ± 20.850 χ^2/NDF : 32.7/28

asym_ds_dd_rms vs Slug



Right In: 76.052 $\pm$ 0.021 χ^2 /NDF: 408962.1/15

Left Out: 85.492 $\pm$ 0.021 χ^2 /NDF: 226.1/10

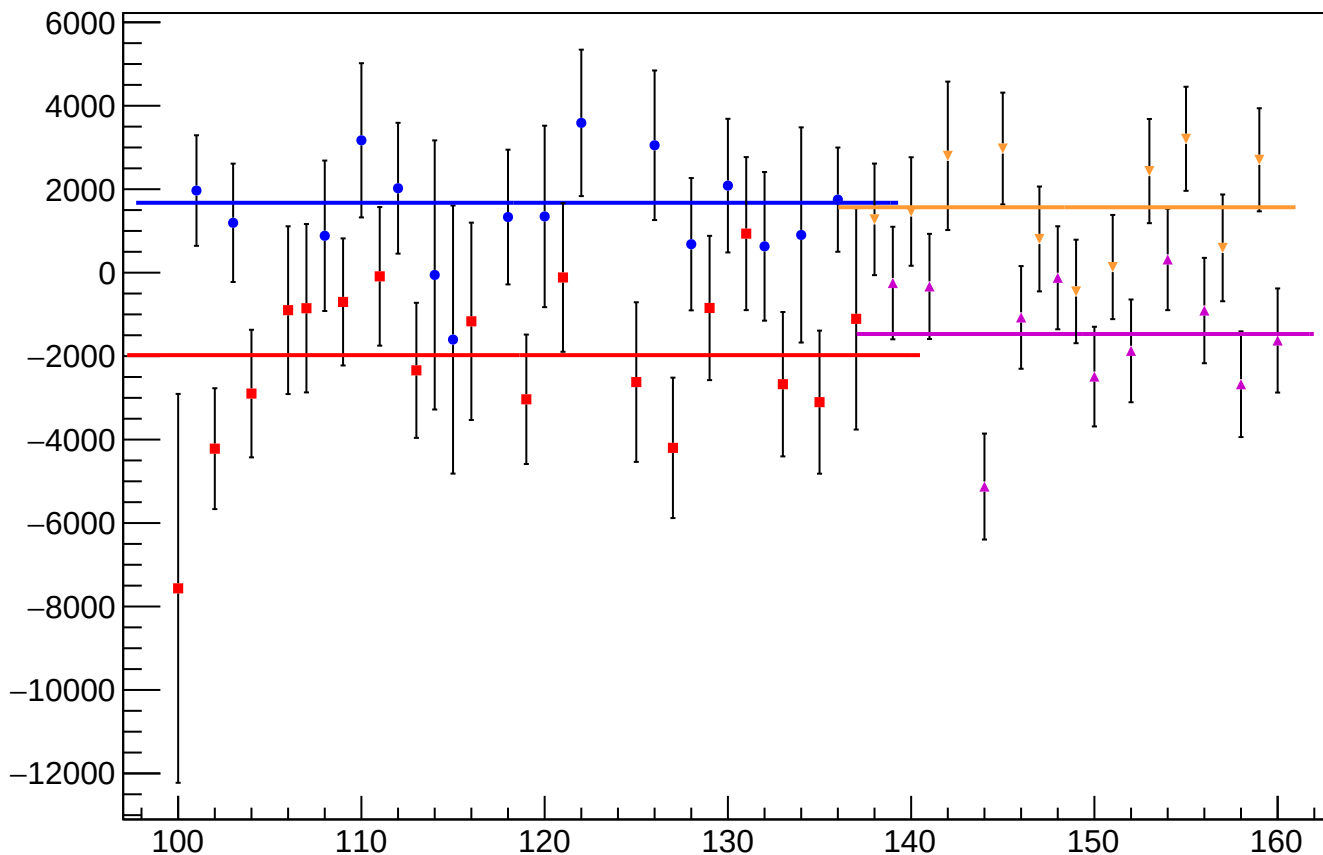
Right Out: 79.338 $\pm$ 0.022 χ^2 /NDF: 387631.3/17

Left In: 85.831 $\pm$ 0.020 χ^2 /NDF: 1682.0/10

80.827 $\pm$ 0.015 χ^2 /NDF: 509501.6/26

82.784 $\pm$ 0.015 χ^2 /NDF: 437609.6/28

reg_asym_usl_mean vs Slug



Right In: 1674.993 $\pm$ 430.597 χ^2 /NDF: 5.1/15

Left Out: 1567.442 $\pm$ 392.248 χ^2 /NDF:9.6/10

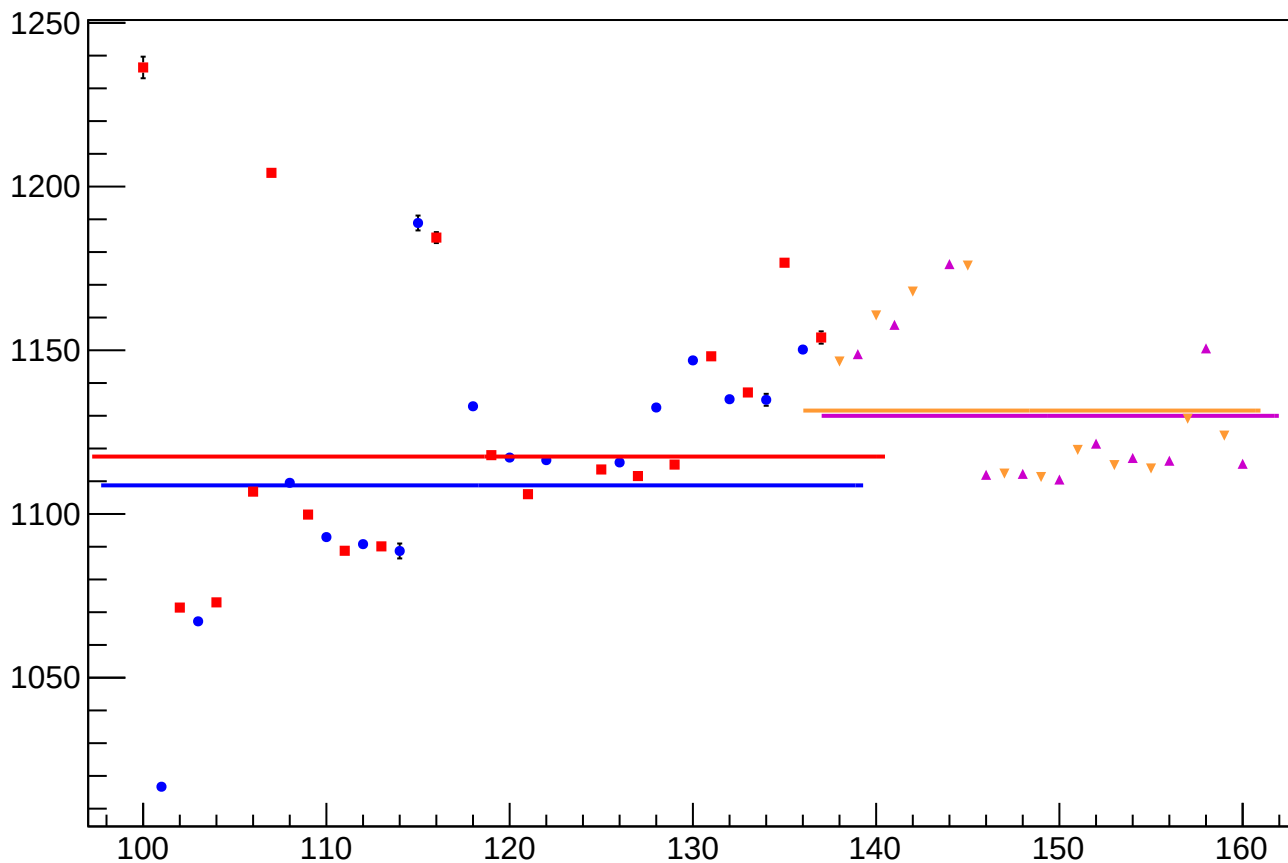
Right Out: -1976.296 $\pm$ 422.405 χ^2 /NDF: 14.0/17

Left In: -1469.935 $\pm$ 376.678 χ^2 /NDF:15.3/10

1616.216 $\pm$ 289.973 χ^2 /NDF: 14.8/26

-1694.234 $\pm$ 281.134 χ^2 /NDF: 30.2/28

reg_asym_usl_rms vs Slug



Right In: 1108.739 $\pm$ 0.304 χ^2 /NDF: 18080.7/15

Left Out: 1131.586 $\pm$ 0.277 χ^2 /NDF: 6301.3/10

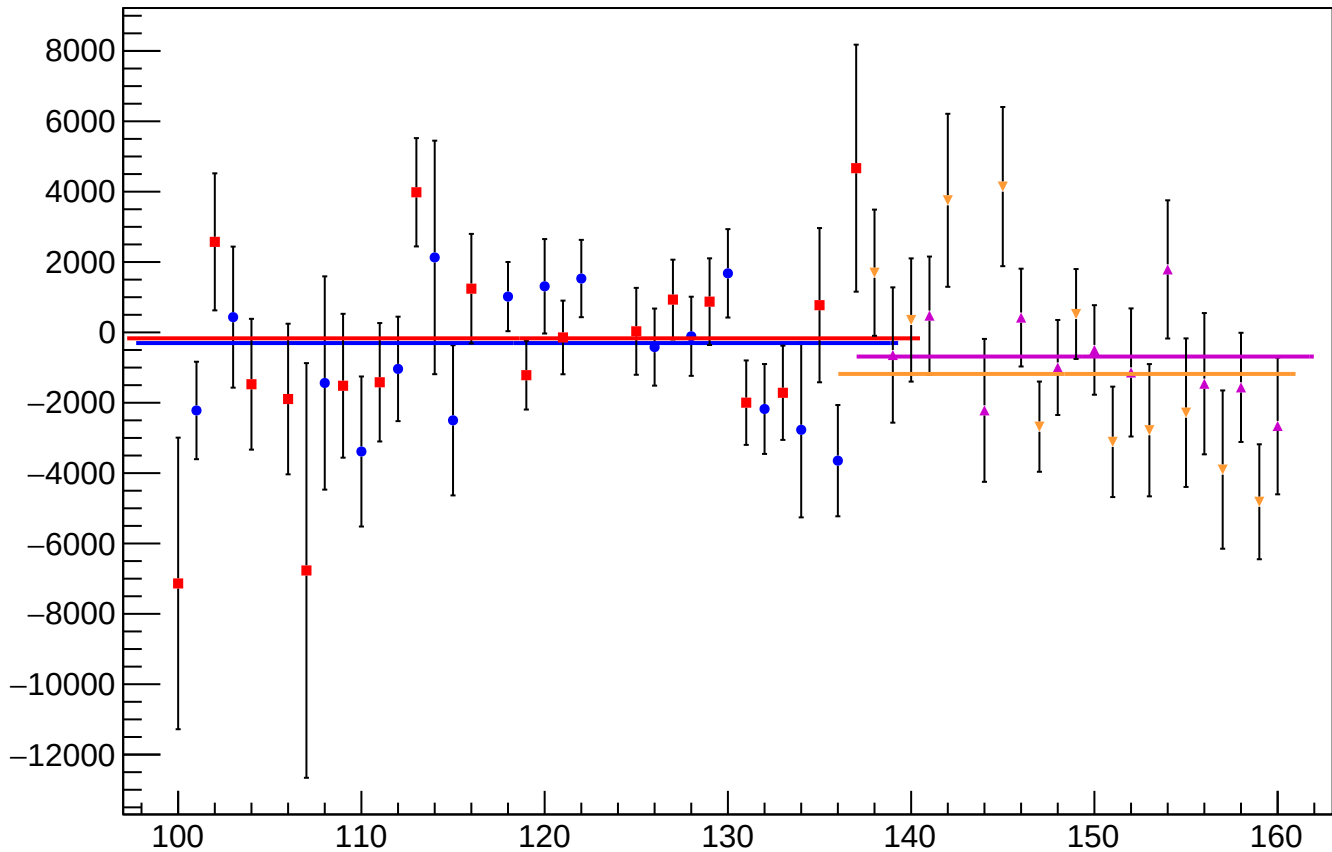
Right Out: 1117.539 $\pm$ 0.299 χ^2 /NDF: 15515.2/17

Left In: 1129.979 $\pm$ 0.266 χ^2 /NDF: 6761.0/10

1121.225 $\pm$ 0.205 χ^2 /NDF: 27459.1/26

1124.468 $\pm$ 0.199 χ^2 /NDF: 23242.4/28

asym_usl_correction_mean vs Slug



Right In: -303.335+/-360.068 χ^2/NDF : 22.3/15

Left Out: -1180.573+/-519.583 χ^2/NDF : 25.0/10

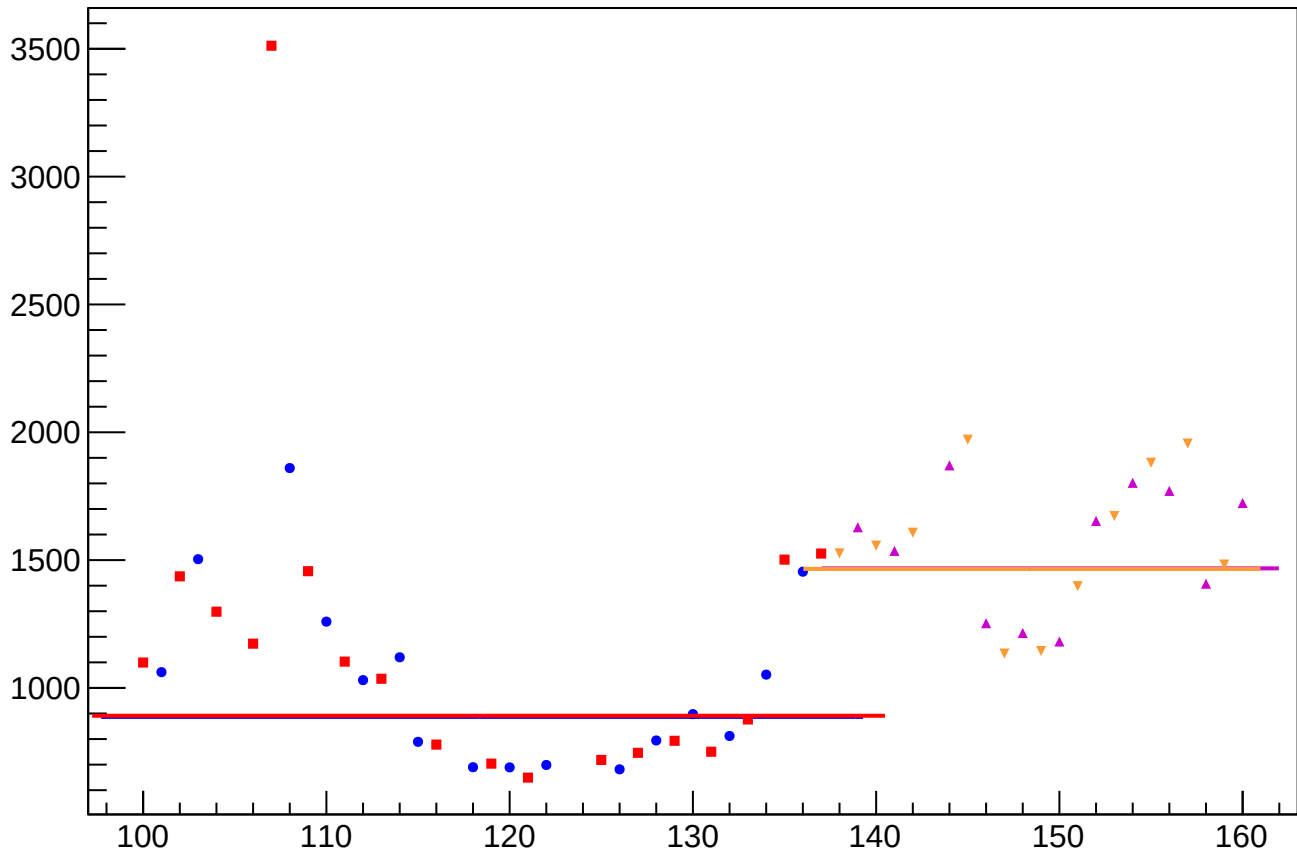
Right Out: -168.849+/-356.237 χ^2/NDF : 24.9/17

Left In: -686.533+/-497.514 χ^2/NDF : 4.9/10

-587.942+/-295.950 χ^2/NDF : 49.2/26

-344.309+/-289.642 χ^2/NDF : 30.5/28

asym_usl_correction_rms vs Slug



Right In: 886.691+/-0.255 χ^2/NDF : 1060864.2/15

Left Out: 1465.581+/-0.367 χ^2/NDF : 574681.1/10

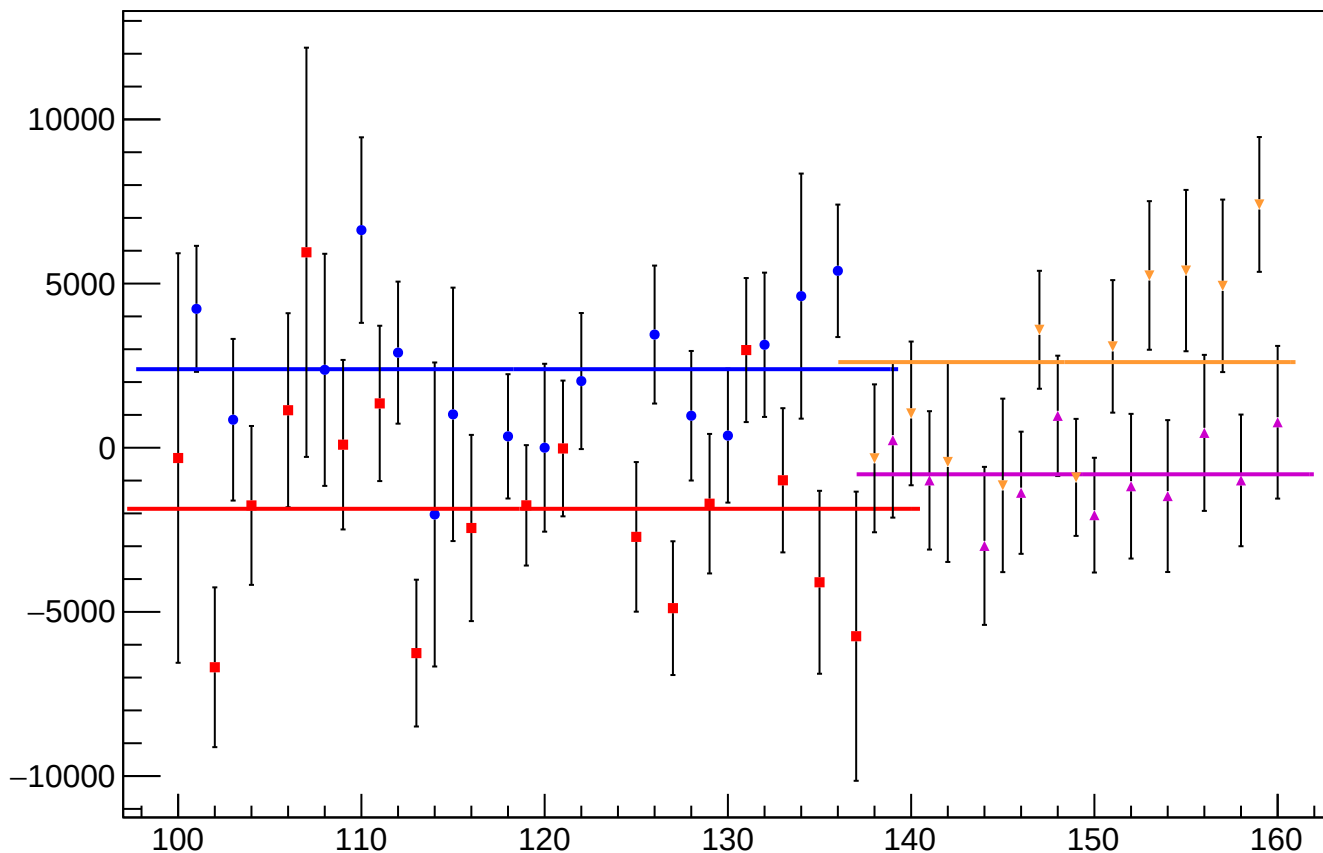
Right Out: 891.197+/-0.252 χ^2/NDF : 1414187.9/17

Left In: 1467.666+/-0.352 χ^2/NDF : 476730.7/10

1074.503+/-0.209 χ^2/NDF : 3312725.0/26

1086.581+/-0.205 χ^2/NDF : 3665997.0/28

asym_usl_mean vs Slug



Right In: 2392.385+/-588.991 χ^2/NDF : 11.2/15

Left Out: 2608.269+/-663.691 χ^2/NDF : 18.4/10

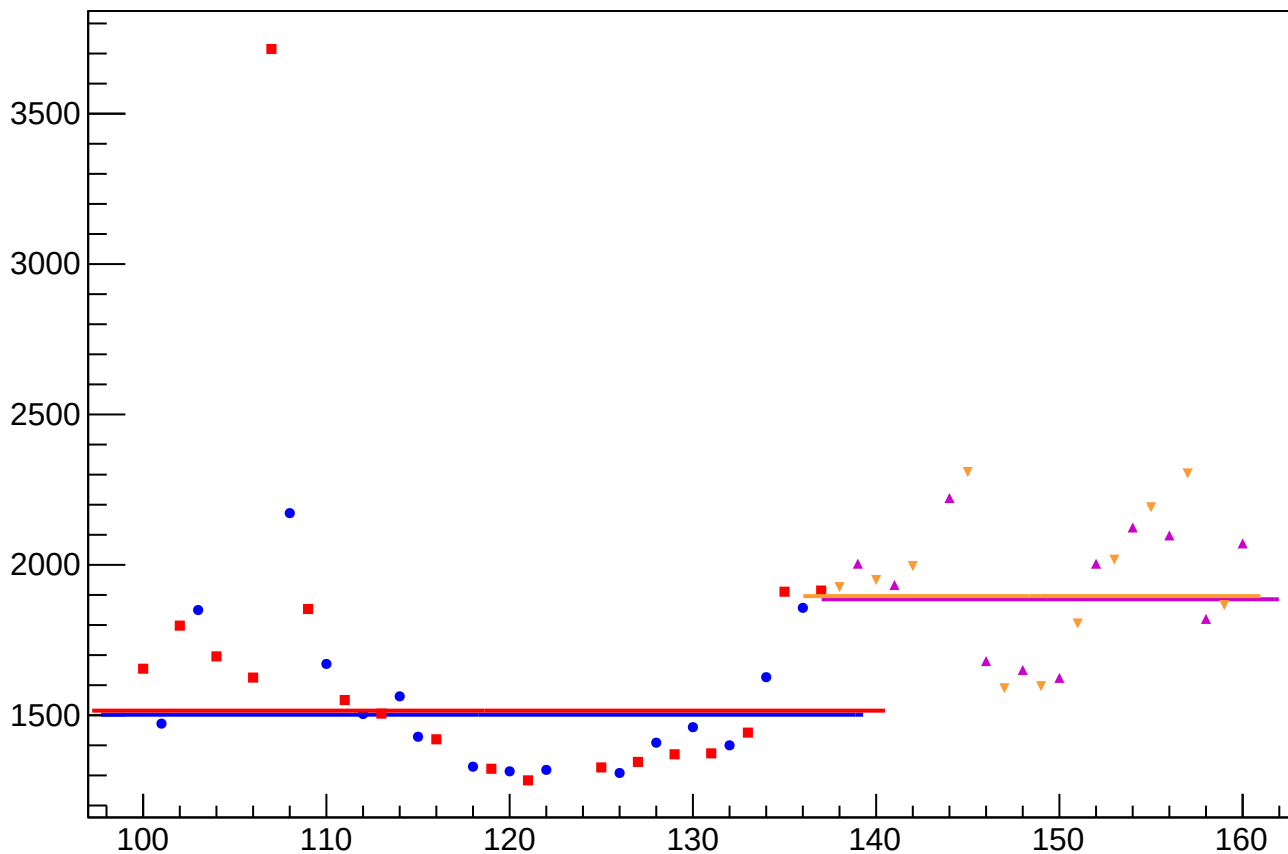
Right Out: -1859.867+/-583.119 χ^2/NDF : 22.5/17

Left In: -808.901+/-633.081 χ^2/NDF : 3.4/10

2487.499+/-440.532 χ^2/NDF : 29.6/26

-1377.486+/-428.904 χ^2/NDF : 27.4/28

asym_usl_rms vs Slug



Right In: 1501.937+/-0.416 χ^2/NDF : 254549.7/15

Left Out: 1896.074+/-0.469 χ^2/NDF : 254403.0/10

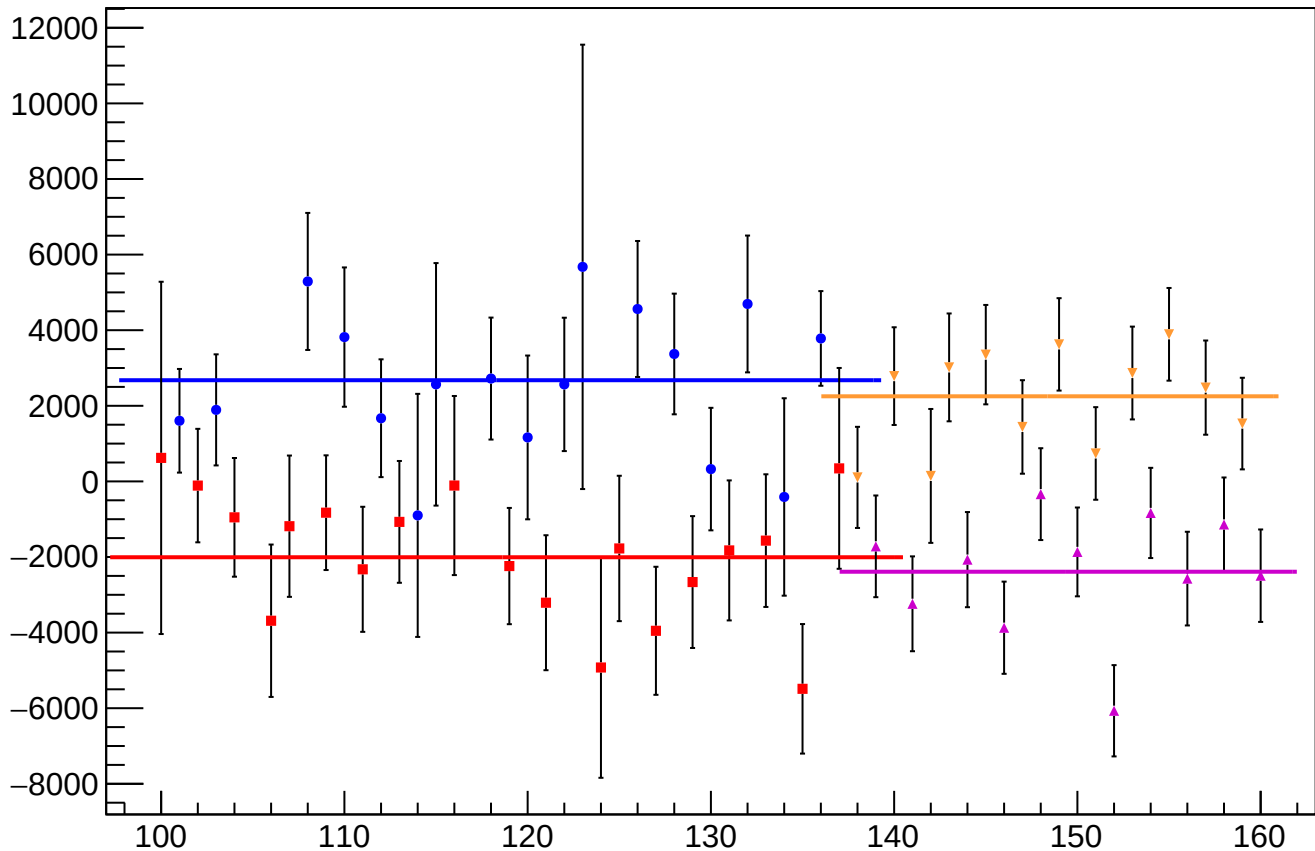
Right Out: 1515.406+/-0.412 χ^2/NDF : 479759.9/17

Left In: 1885.653+/-0.448 χ^2/NDF : 205053.9/10

1675.585+/-0.312 χ^2/NDF : 903530.1/26

1685.345+/-0.303 χ^2/NDF : 1054898.7/28

reg_asym_usr_mean vs Slug



Right In: 2676.683 $\pm$ 433.582 χ^2 /NDF: 12.6/16

Left Out: 2251.286 $\pm$ 372.955 χ^2 /NDF:10.8/11

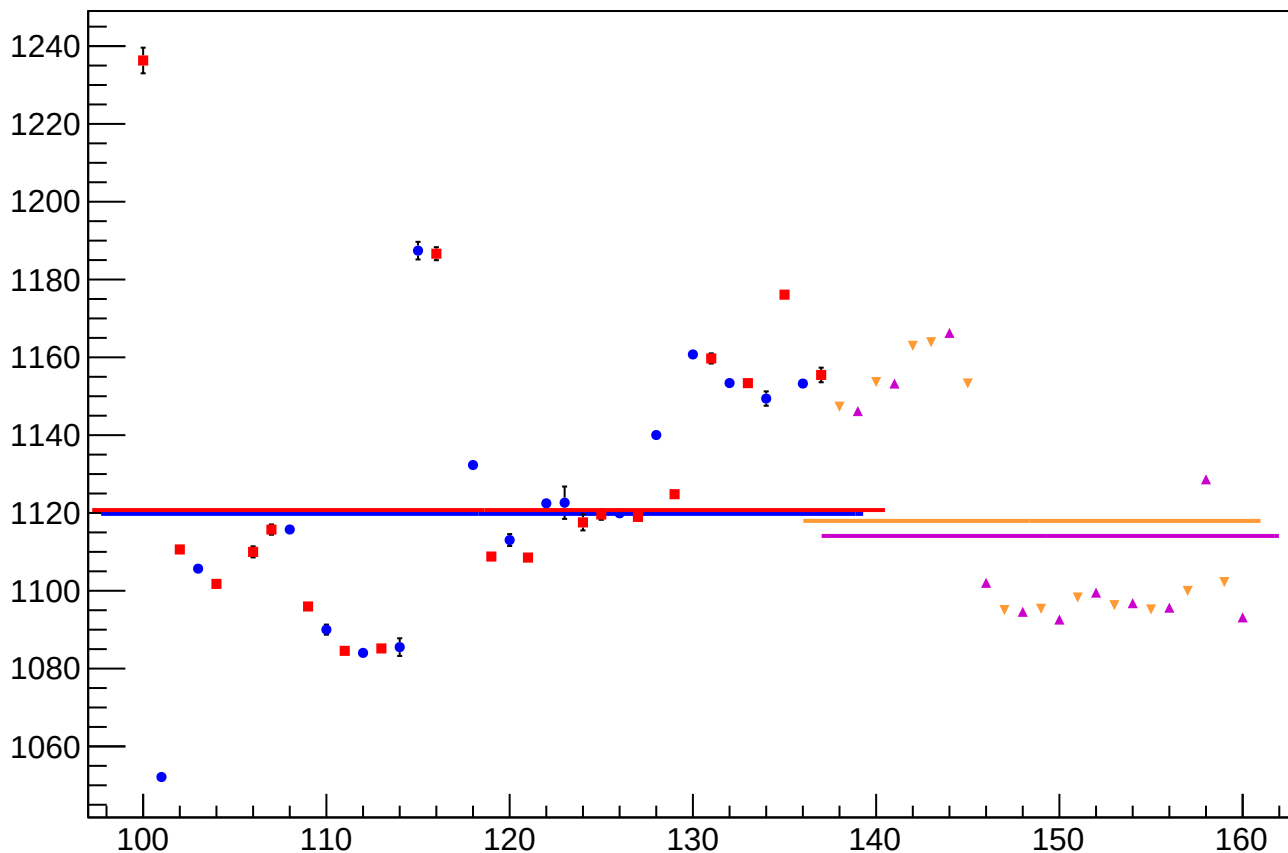
Right Out: -2006.577 $\pm$ 419.165 χ^2 /NDF: 12.8/18

Left In: -2389.714 $\pm$ 371.415 χ^2 /NDF:17.3/10

2432.187 $\pm$ 282.745 χ^2 /NDF: 23.9/28

-2221.202 $\pm$ 277.986 χ^2 /NDF: 30.6/29

reg_asym_usr_rms vs Slug



Right In: 1119.762 $\pm$ 0.307 χ^2 /NDF: 11876.8/16

Left Out: 1117.968 $\pm$ 0.264 χ^2 /NDF: 11247.4/11

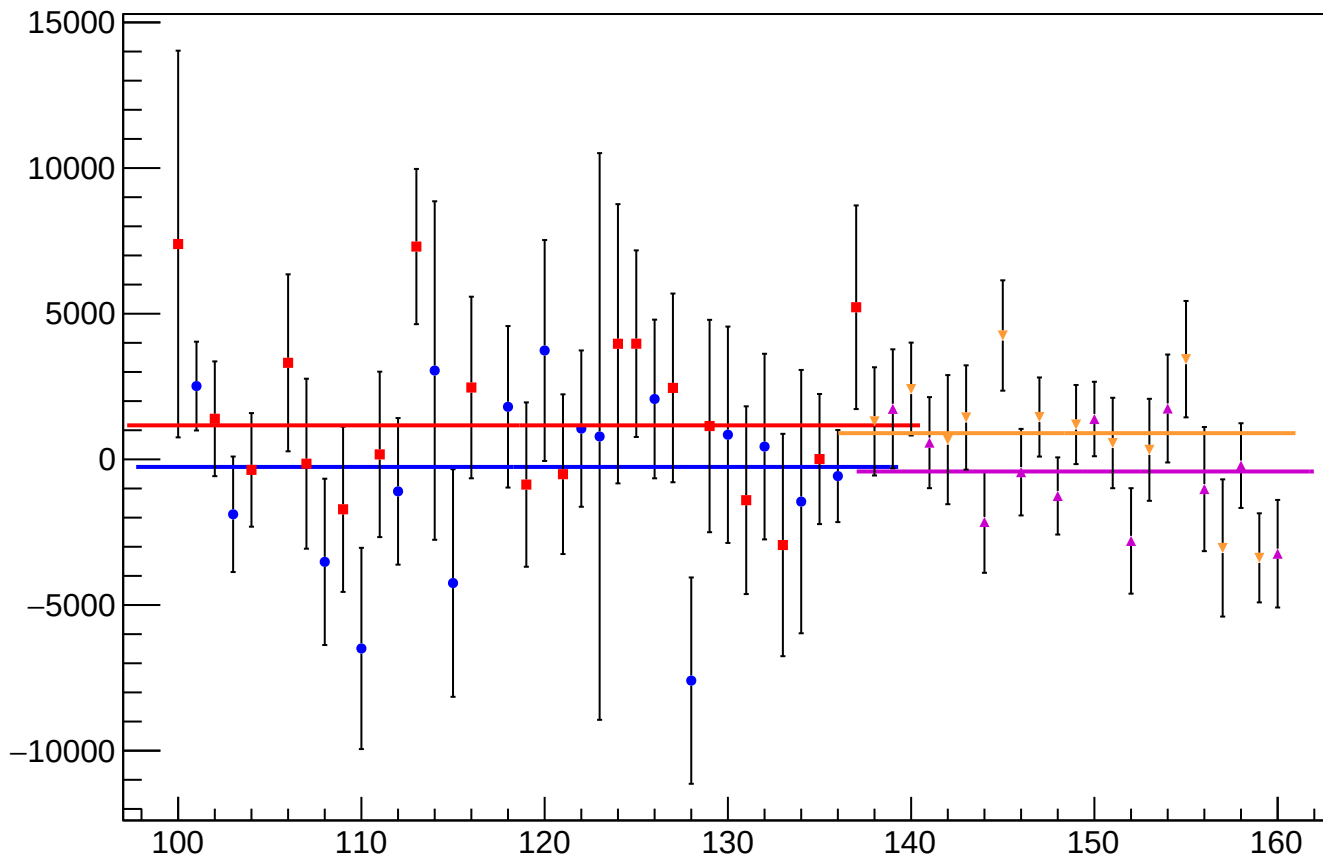
Right Out: 1120.746 $\pm$ 0.296 χ^2 /NDF: 9934.2/18

Left In: 1114.091 $\pm$ 0.263 χ^2 /NDF: 9917.7/10

1118.731 $\pm$ 0.200 χ^2 /NDF: 23143.9/28

1117.018 $\pm$ 0.197 χ^2 /NDF: 20134.2/29

asym_usr_correction_mean vs Slug



Right In: -259.821 ± 655.275 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 899.721 ± 490.147 $\chi^2/\text{NDF}: 16.8/11$

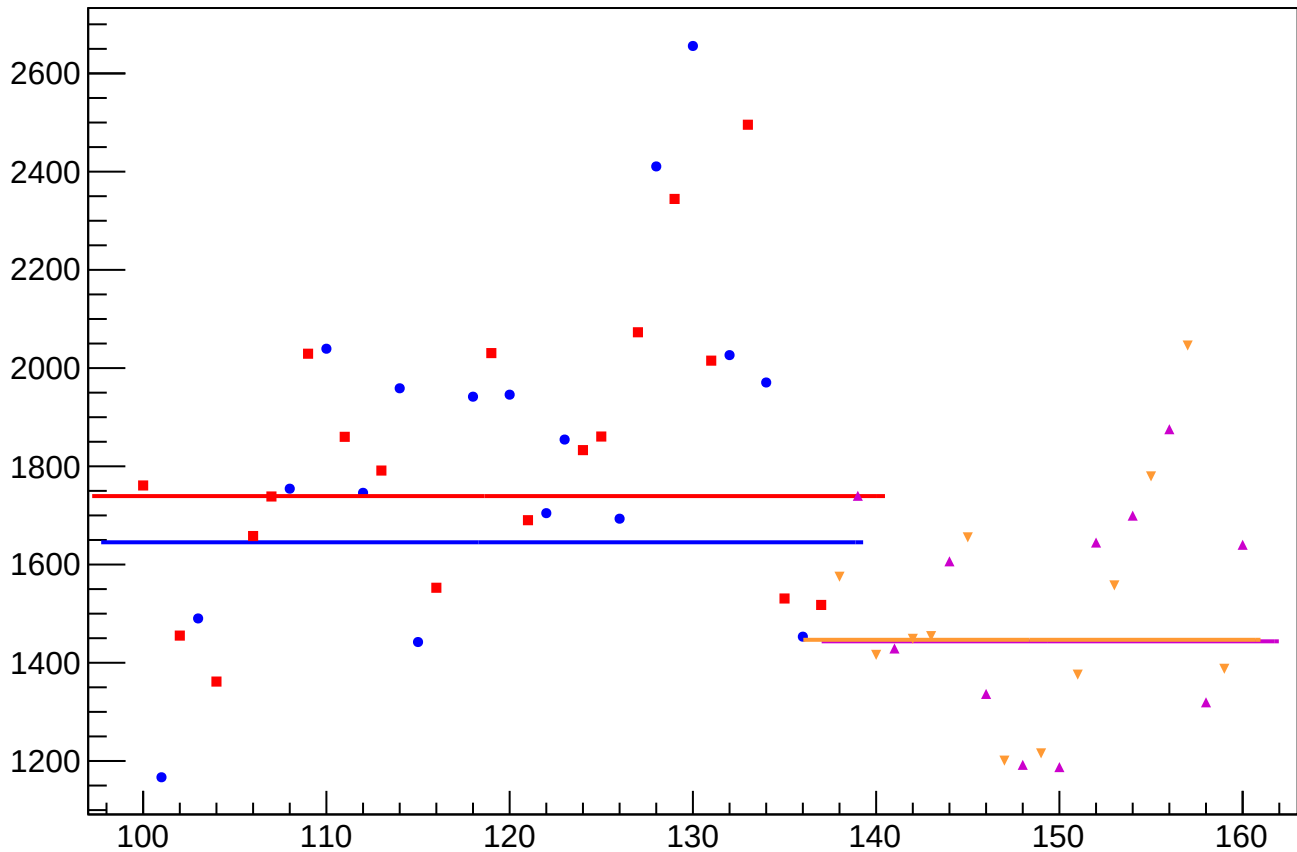
Right Out: 1167.598 ± 662.428 $\chi^2/\text{NDF}: 14.4/18$

Left In: -415.885 ± 488.233 $\chi^2/\text{NDF}: 10.4/10$

483.710 ± 392.494 $\chi^2/\text{NDF}: 36.0/28$

141.509 ± 393.019 $\chi^2/\text{NDF}: 28.5/29$

asym_usr_correction_rms vs Slug



Right In: 1645.307+/-0.463 χ^2/NDF : 600915.2/16

Left Out: 1446.758+/-0.347 χ^2/NDF : 358331.0/11

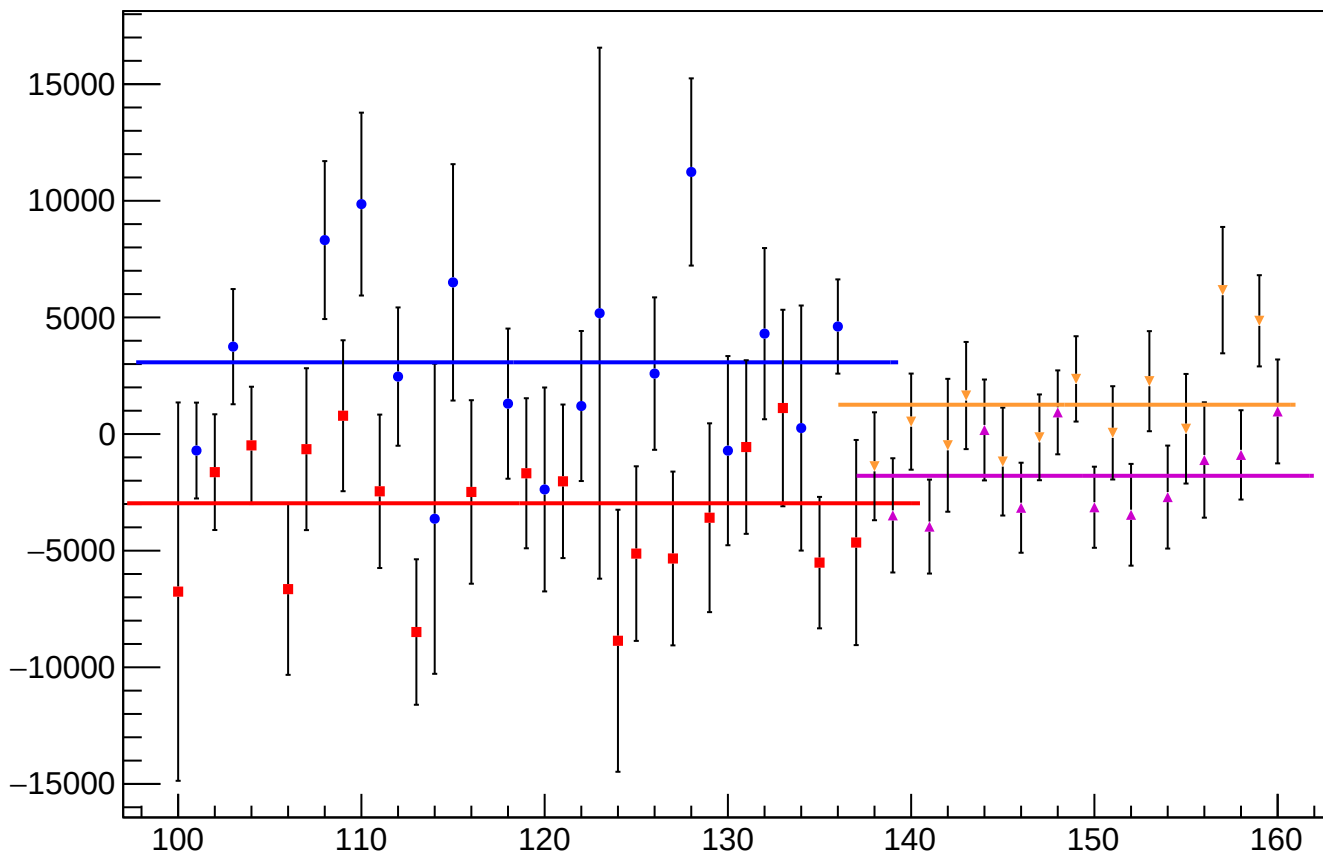
Right Out: 1739.382+/-0.468 χ^2/NDF : 371012.9/18

Left In: 1443.655+/-0.345 χ^2/NDF : 404645.1/10

1517.992+/-0.278 χ^2/NDF : 1076987.5/28

1547.752+/-0.278 χ^2/NDF : 1033946.2/29

asym_usr_mean vs Slug



Right In: 3075.401 $\pm$ 802.249 χ^2 /NDF: 18.6/16

Left Out: 1257.056 $\pm$ 624.655 χ^2 /NDF: 11.3/11

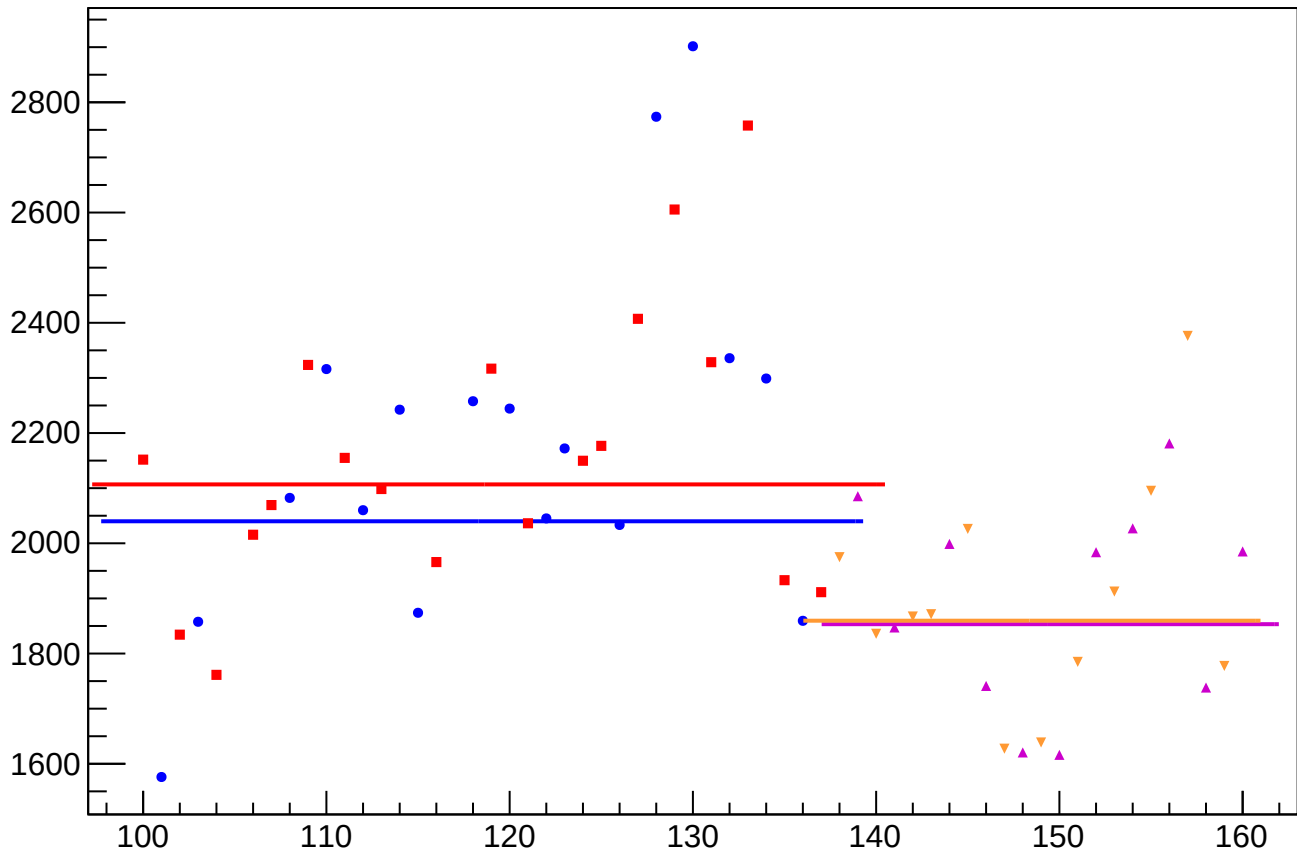
Right Out: -2967.536 $\pm$ 795.639 χ^2 /NDF: 11.9/18

Left In: -1789.806 $\pm$ 621.518 χ^2 /NDF: 8.5/10

1943.367 $\pm$ 492.869 χ^2 /NDF: 33.1/28

-2236.120 $\pm$ 489.794 χ^2 /NDF: 21.7/29

asym_usr_rms vs Slug



Right In: 2039.942 $\pm$ 0.567 χ^2 /NDF: 331984.0/16

Left Out: 1859.575 $\pm$ 0.442 χ^2 /NDF:177102.2/11

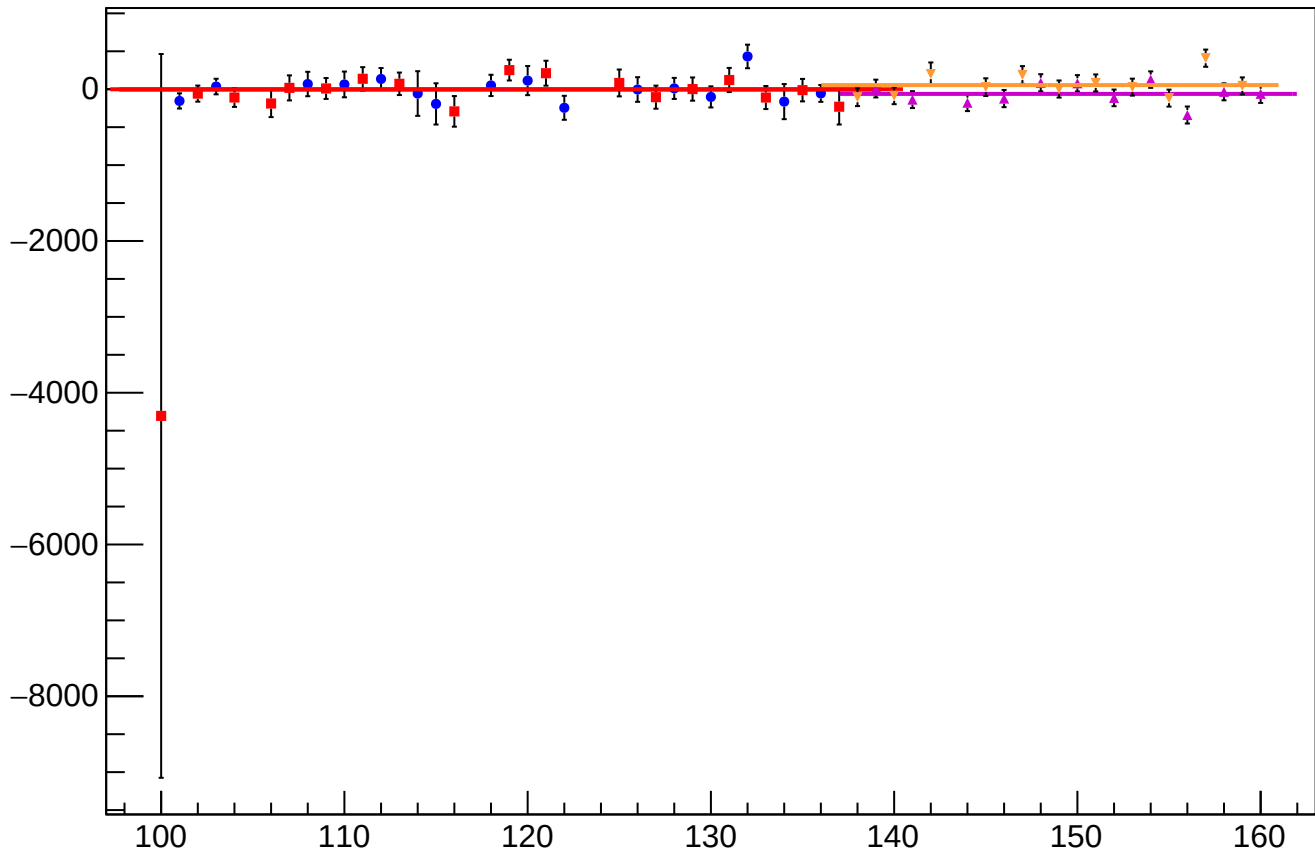
Right Out: 2106.832 $\pm$ 0.563 χ^2 /NDF: 195448.9/18

Left In: 1853.273 $\pm$ 0.439 χ^2 /NDF:173370.1/10

1927.652 $\pm$ 0.349 χ^2 /NDF: 572023.2/28

1949.362 $\pm$ 0.346 χ^2 /NDF: 494965.5/29

reg_asym_dsl_mean vs Slug



Right In: -3.283 ± 36.714 $\chi^2/\text{NDF}: 16.1/15$

Left Out: 54.397 ± 34.949 $\chi^2/\text{NDF}: 18.2/10$

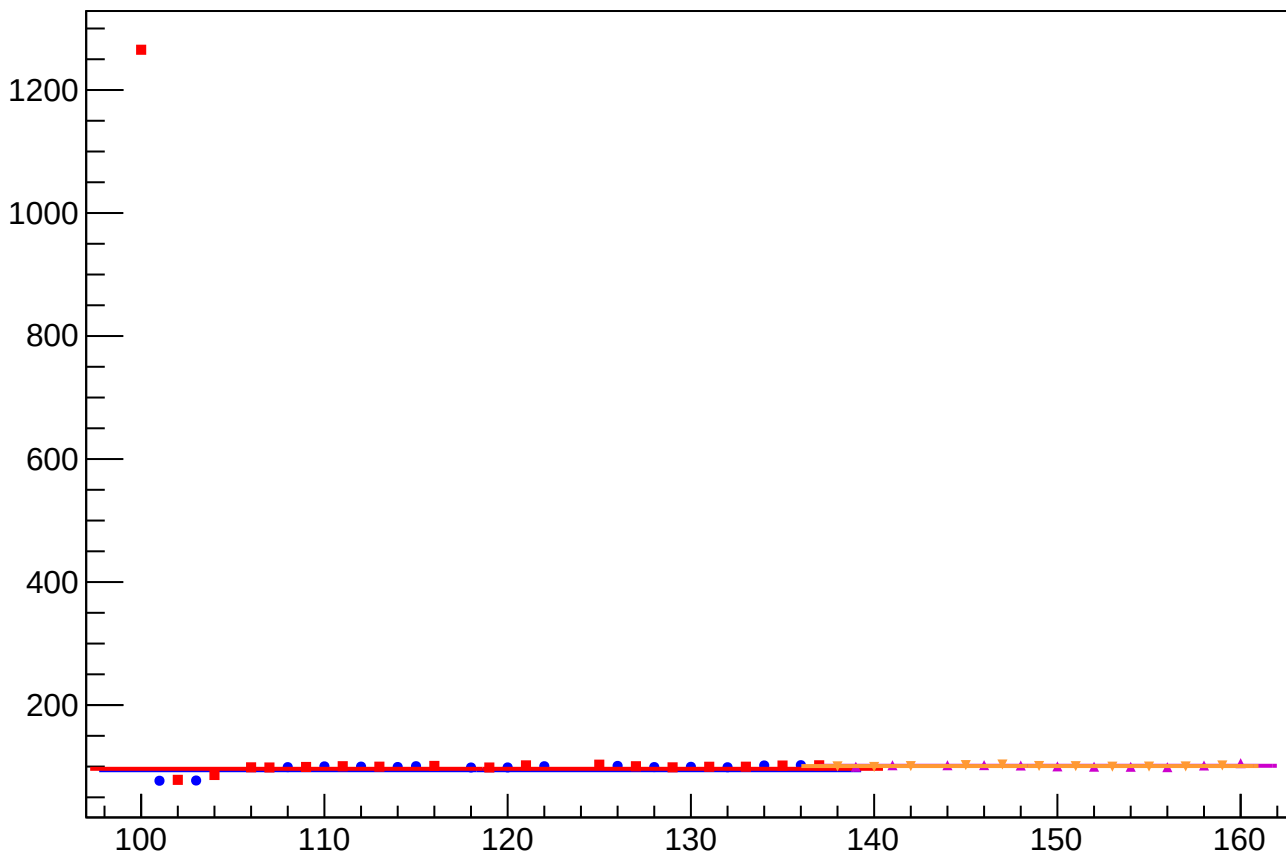
Right Out: -0.487 ± 36.699 $\chi^2/\text{NDF}: 14.0/17$

Left In: -61.669 ± 33.813 $\chi^2/\text{NDF}: 15.0/10$

26.977 ± 25.314 $\chi^2/\text{NDF}: 35.6/26$

-33.578 ± 24.867 $\chi^2/\text{NDF}: 30.5/28$

reg_asym_dsl_rms vs Slug



Right In: 94.068 ± 0.026 χ^2/NDF : 152285.6/15

Left Out: 100.841 ± 0.025 χ^2/NDF : 2125.4/10

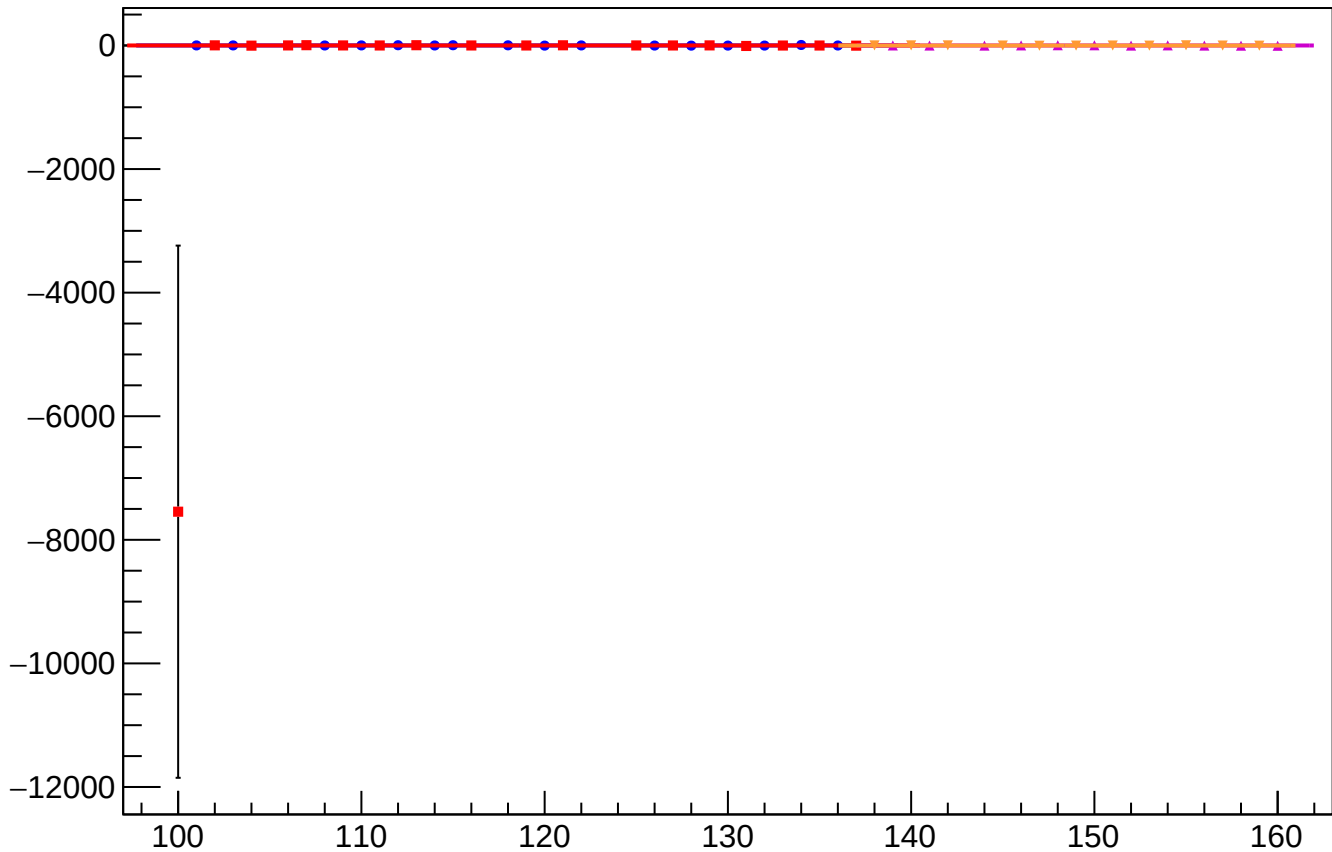
Right Out: 96.372 ± 0.026 χ^2/NDF : 209228.5/17

Left In: 101.290 ± 0.024 χ^2/NDF : 5071.4/10

97.621 ± 0.018 χ^2/NDF : 190115.9/26

99.032 ± 0.018 χ^2/NDF : 233728.5/28

asym_dsl_correction_mean vs Slug



Right In: 0.426 $\pm$ 0.616 χ^2/NDF : 9.7/15

Left Out: -0.785 $\pm$ 0.603 χ^2/NDF : 12.8/10

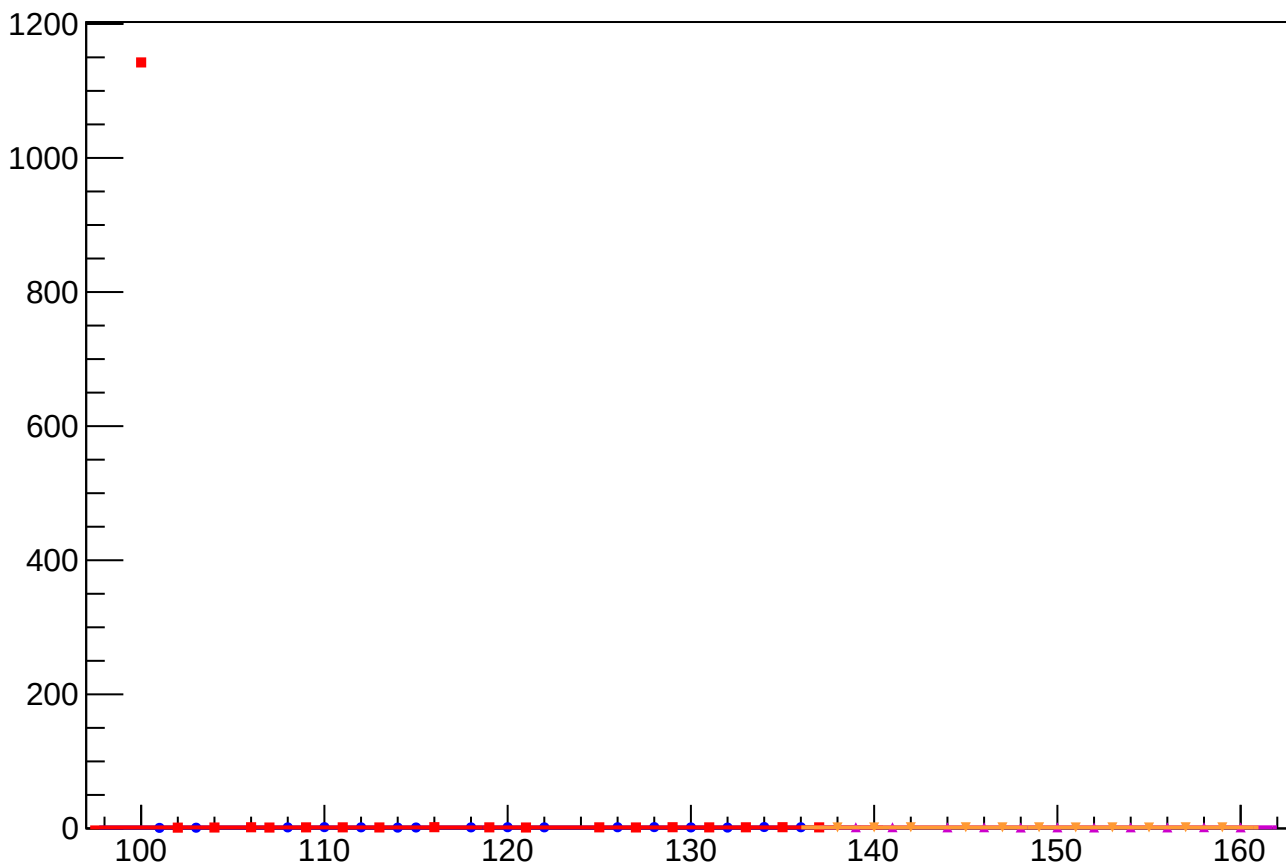
Right Out: 0.313 $\pm$ 0.643 χ^2/NDF : 22.8/17

Left In: -0.149 $\pm$ 0.612 χ^2/NDF : 18.2/10

-0.192 $\pm$ 0.431 χ^2/NDF : 24.5/26

0.070 $\pm$ 0.443 χ^2/NDF : 41.3/28

asym_dsl_correction_rms vs Slug



Right In: 1.420 $\pm$ 0.000 χ^2 /NDF: 730935.2/15

Left Out: 1.600 $\pm$ 0.000 χ^2 /NDF: 52074.7/10

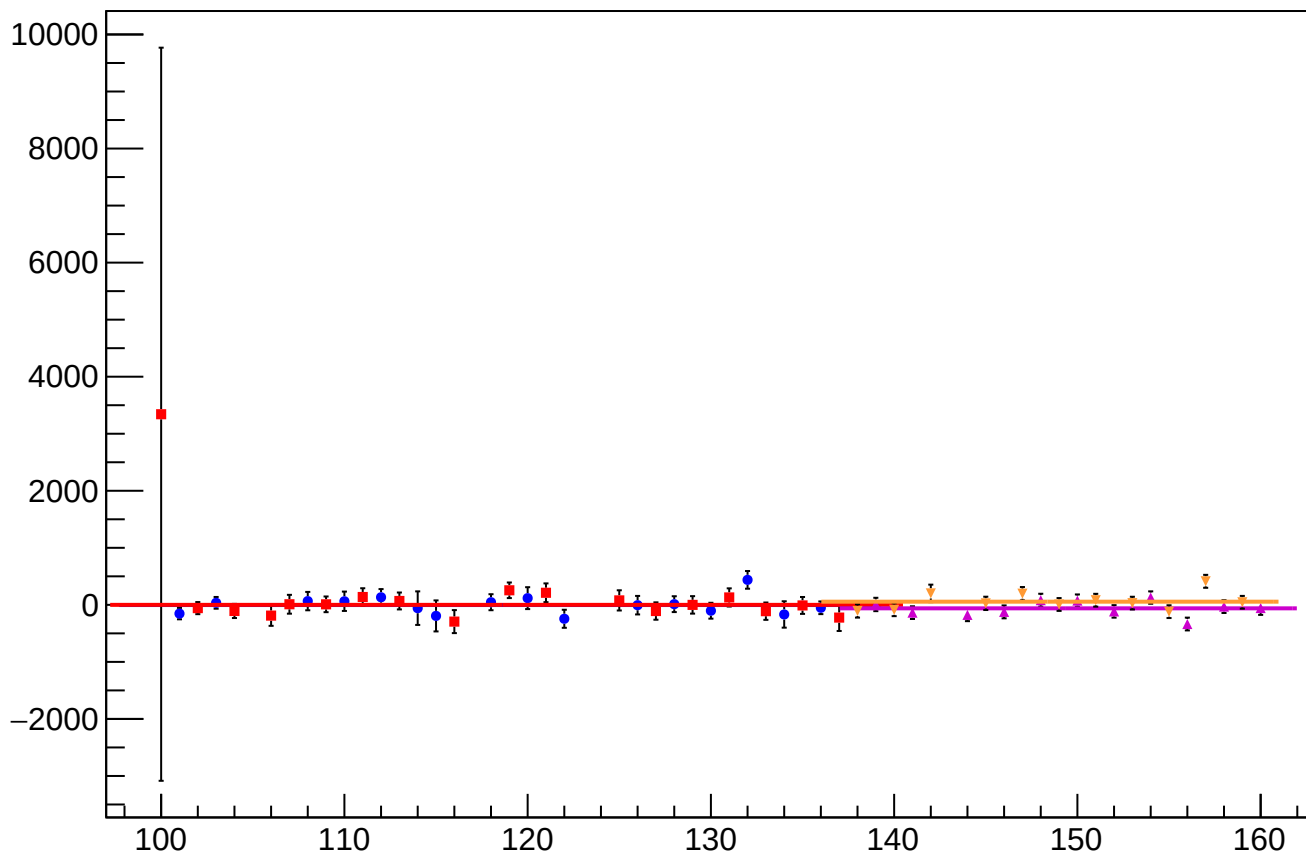
Right Out: 1.556 $\pm$ 0.000 χ^2 /NDF: 315908.9/17

Left In: 1.698 $\pm$ 0.000 χ^2 /NDF: 97724.6/10

1.511 $\pm$ 0.000 χ^2 /NDF: 870200.0/26

1.631 $\pm$ 0.000 χ^2 /NDF: 465347.4/28

asym_dsl_mean vs Slug



Right In: -3.099 ± 36.723 χ^2/NDF : 16.3/15

Left Out: 55.591 ± 34.958 χ^2/NDF : 18.6/10

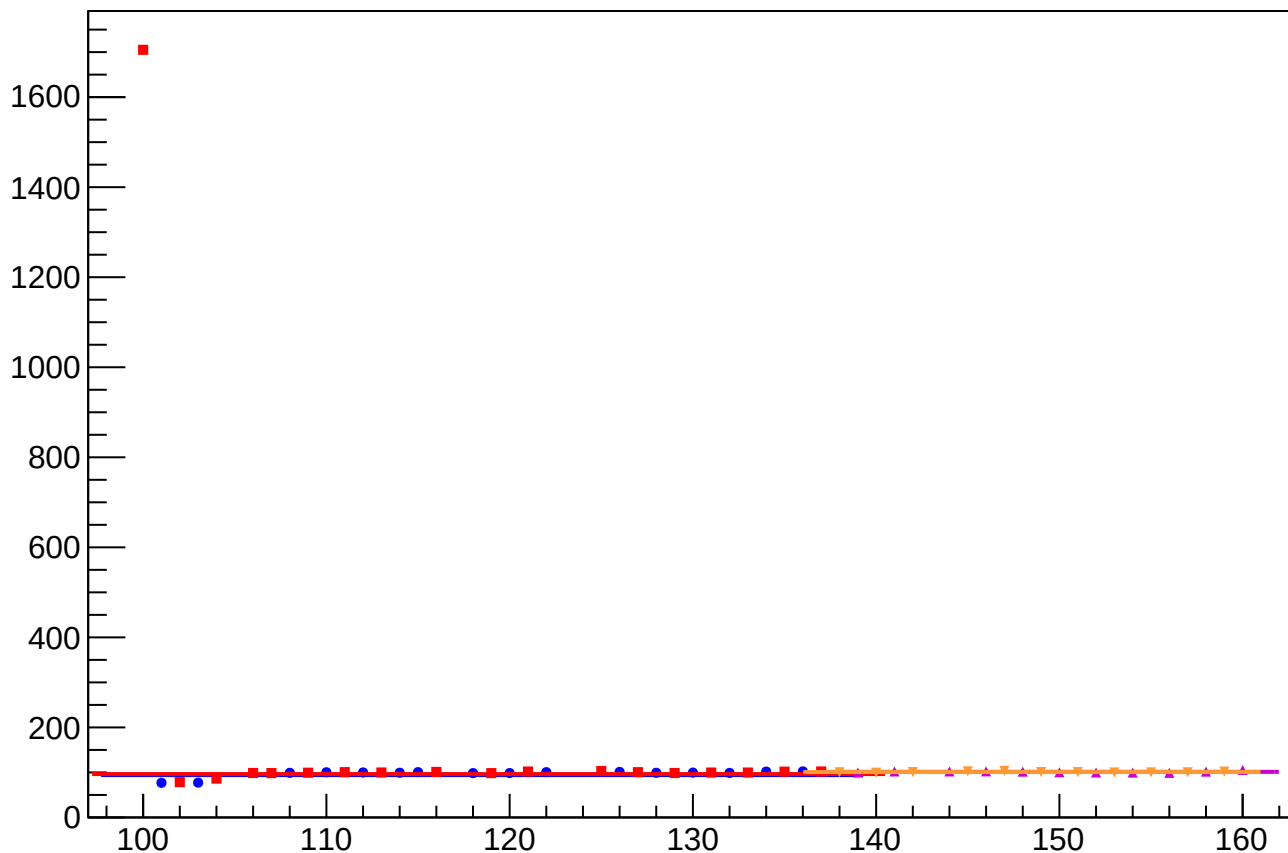
Right Out: -0.172 ± 36.709 χ^2/NDF : 13.5/17

Left In: -61.180 ± 33.823 χ^2/NDF : 14.7/10

27.690 ± 25.320 χ^2/NDF : 36.2/26

-33.169 ± 24.874 χ^2/NDF : 29.7/28

asym_dsl_rms vs Slug



Right In: 94.093+/-0.026 χ^2/NDF : 152305.3/15

Left Out: 100.867+/-0.025 χ^2/NDF : 2124.5/10

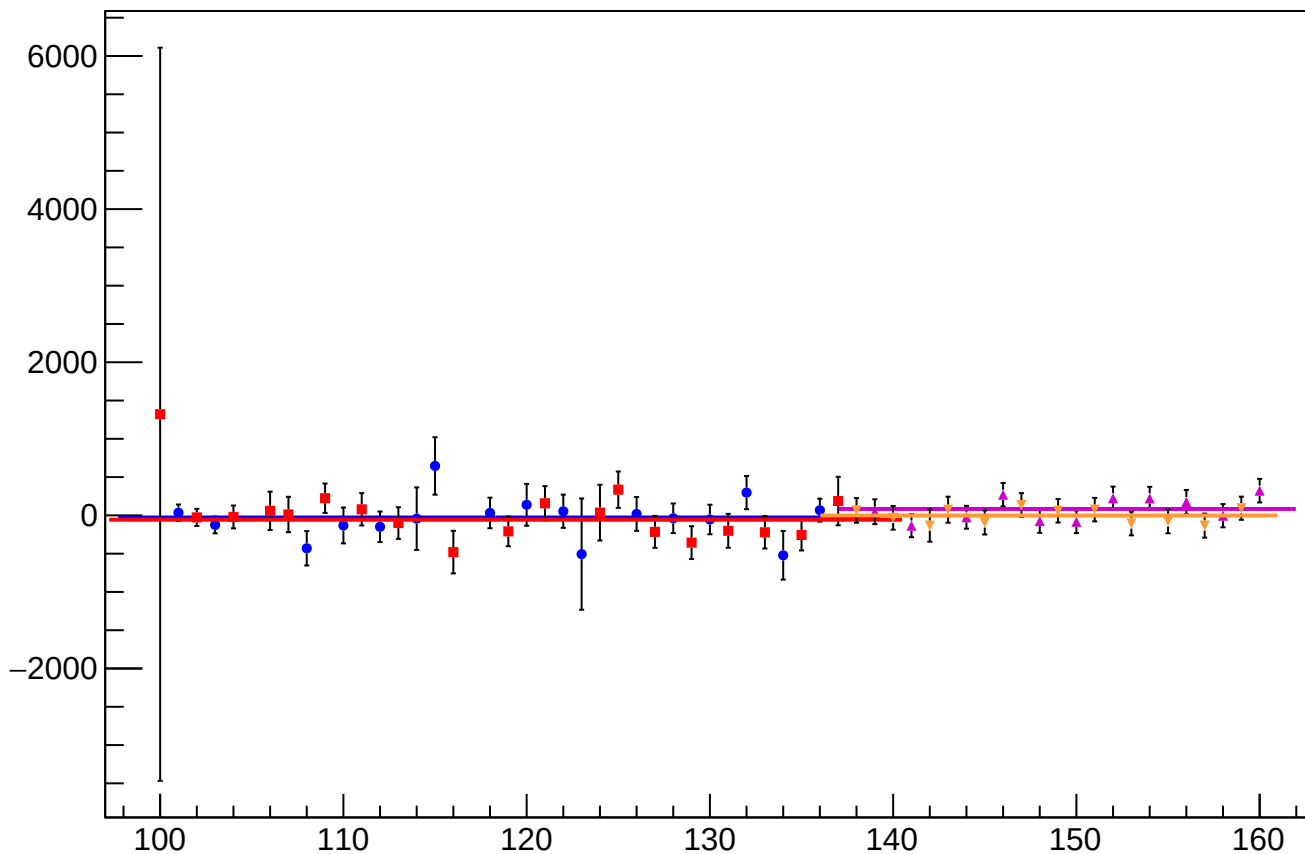
Right Out: 96.381+/-0.026 χ^2/NDF : 214362.3/17

Left In: 101.318+/-0.024 χ^2/NDF : 5074.1/10

97.647+/-0.018 χ^2/NDF : 190137.9/26

99.051+/-0.018 χ^2/NDF : 239003.5/28

reg_asym_dsr_mean vs Slug



Right In: -27.840 ± 46.777 χ^2/NDF : 14.3/16

Left Out: -1.855 ± 46.035 χ^2/NDF : 4.1/11

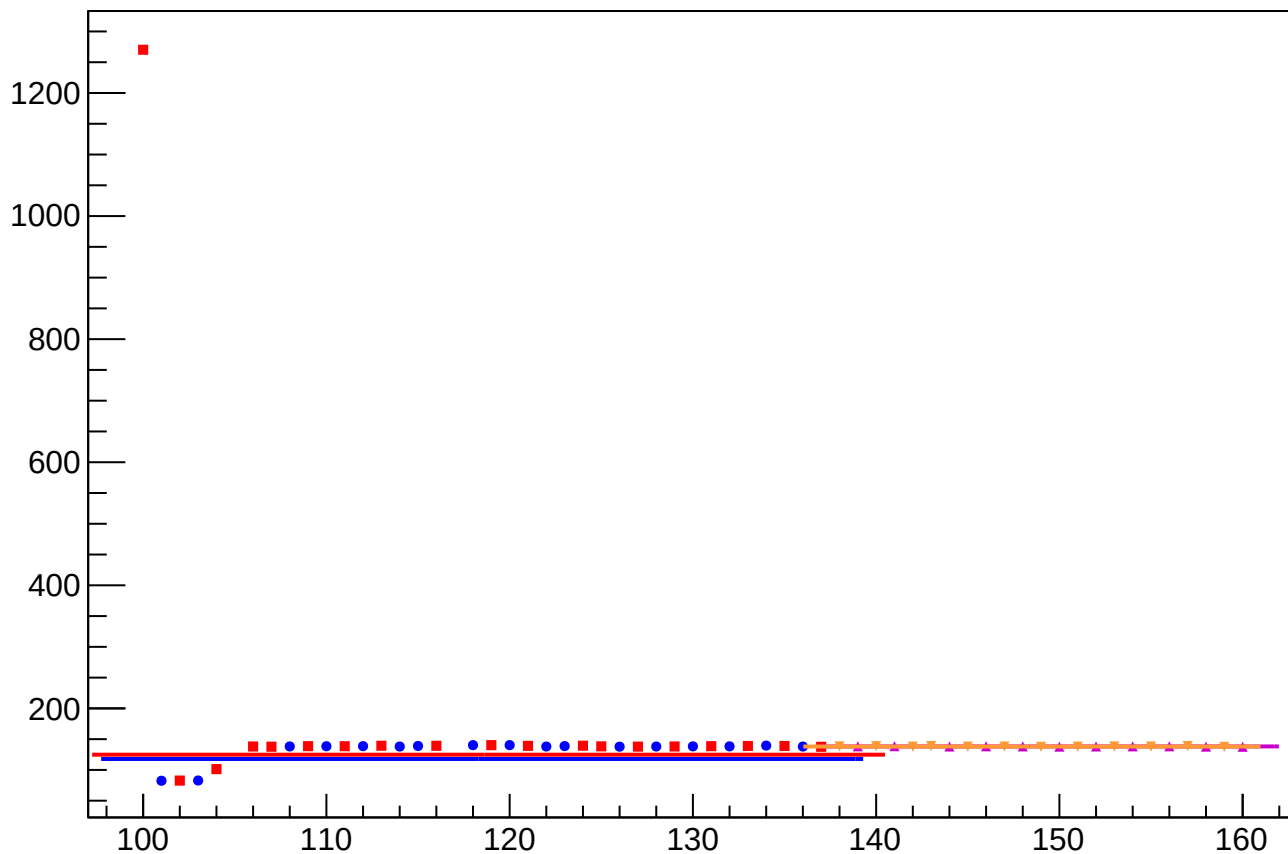
Right Out: -56.398 ± 47.708 χ^2/NDF : 14.9/18

Left In: 83.792 ± 46.054 χ^2/NDF : 11.3/10

-14.640 ± 32.811 χ^2/NDF : 18.6/28

16.170 ± 33.134 χ^2/NDF : 30.6/29

reg_asym_dsr_rms vs Slug



Right In: 117.815 ± 0.033 χ^2/NDF : 666581.7/16

Left Out: 138.041 ± 0.033 χ^2/NDF : 165.9/11

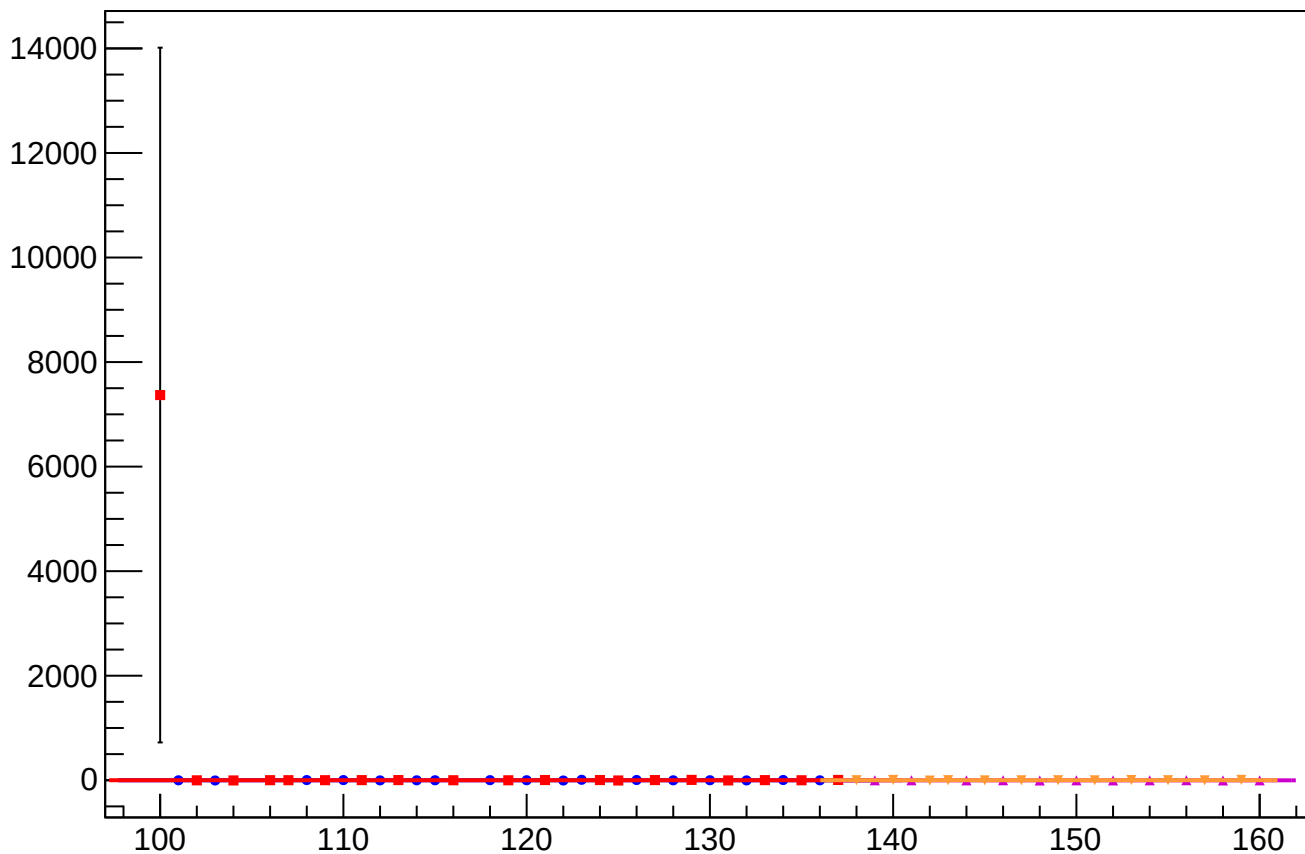
Right Out: 124.763 ± 0.034 χ^2/NDF : 569771.6/18

Left In: 138.172 ± 0.033 χ^2/NDF : 66.8/10

128.090 ± 0.023 χ^2/NDF : 856701.3/28

131.704 ± 0.023 χ^2/NDF : 651617.7/29

asym_dsr_correction_mean vs Slug



Right In: -0.695 ± 0.810 χ^2/NDF : 12.7/16

Left Out: 0.841 ± 0.783 χ^2/NDF : 17.6/11

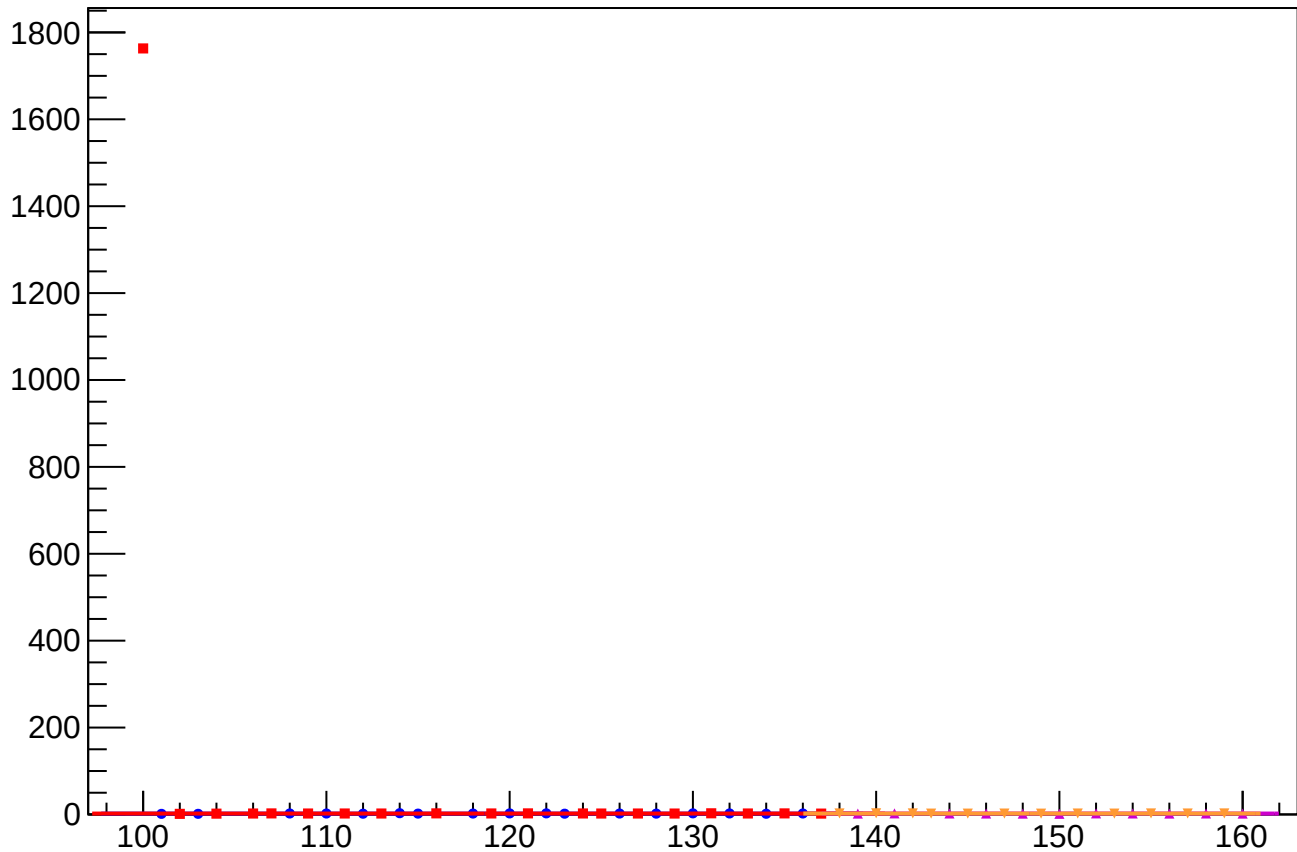
Right Out: 0.649 ± 0.851 χ^2/NDF : 13.7/18

Left In: -1.428 ± 0.775 χ^2/NDF : 4.2/10

0.099 ± 0.563 χ^2/NDF : 32.1/28

-0.486 ± 0.573 χ^2/NDF : 21.1/29

asym_dsr_correction_rms vs Slug



Right In: 1.869 $\pm$ 0.001 χ^2 /NDF: 493173.6/16

Left Out: 2.145 $\pm$ 0.001 χ^2 /NDF: 170740.8/11

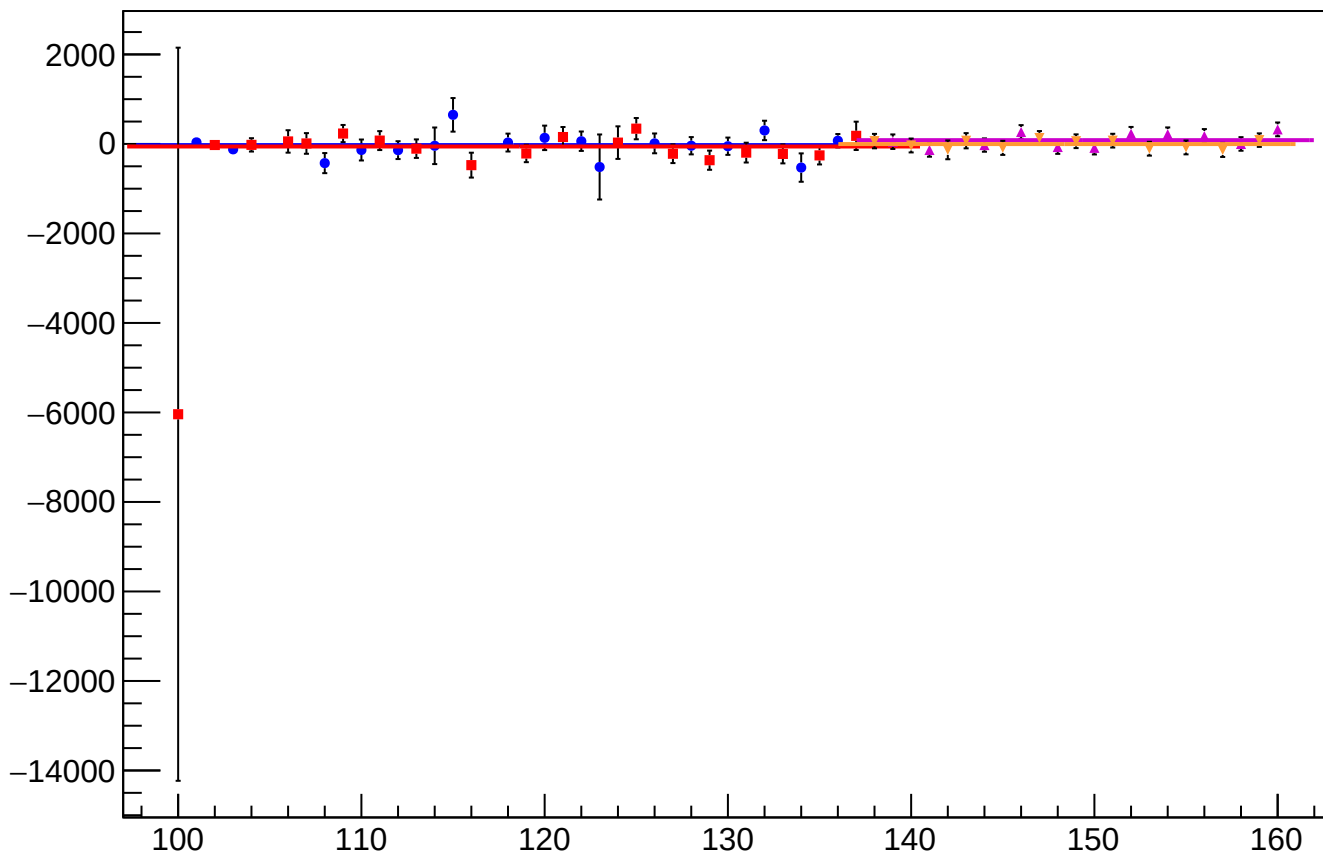
Right Out: 2.065 $\pm$ 0.001 χ^2 /NDF: 525497.0/18

Left In: 2.088 $\pm$ 0.001 χ^2 /NDF: 271314.2/10

2.012 $\pm$ 0.000 χ^2 /NDF: 783516.9/28

2.077 $\pm$ 0.000 χ^2 /NDF: 797568.3/29

asym_dsr_mean vs Slug



Right In: -26.258+/-46.789 χ^2 /NDF: 14.4/16

Left Out: -3.126+/-46.047 χ^2 /NDF: 4.0/11

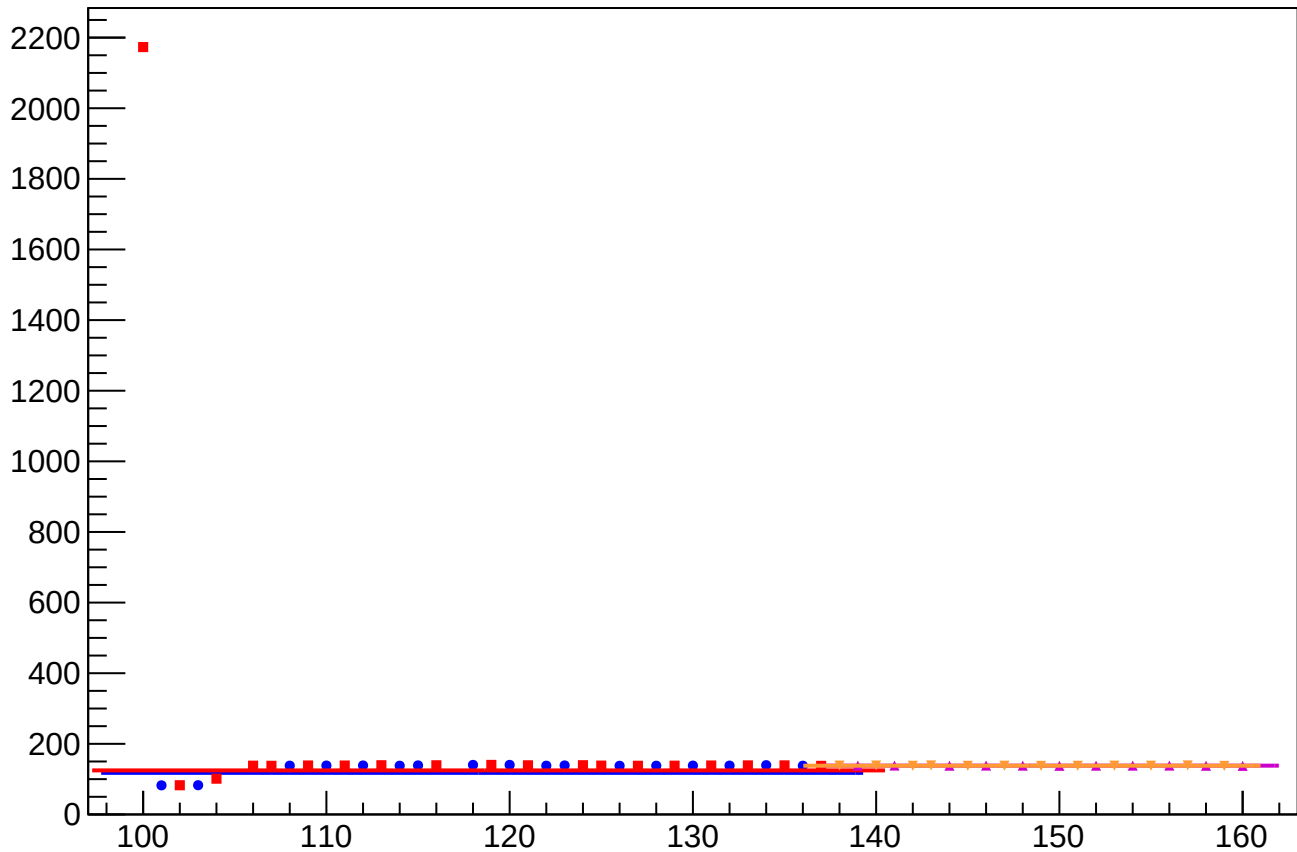
Right Out: -57.268+/-47.722 χ^2 /NDF: 15.5/18

Left In: 84.403+/-46.066 χ^2 /NDF: 11.2/10

-14.507+/-32.820 χ^2 /NDF: 18.5/28

16.069+/-33.144 χ^2 /NDF: 31.3/29

asym_dsr_rms vs Slug



Right In: 117.847 ± 0.033 χ^2/NDF : 666622.8/16

Left Out: 138.077 ± 0.033 χ^2/NDF : 165.4/11

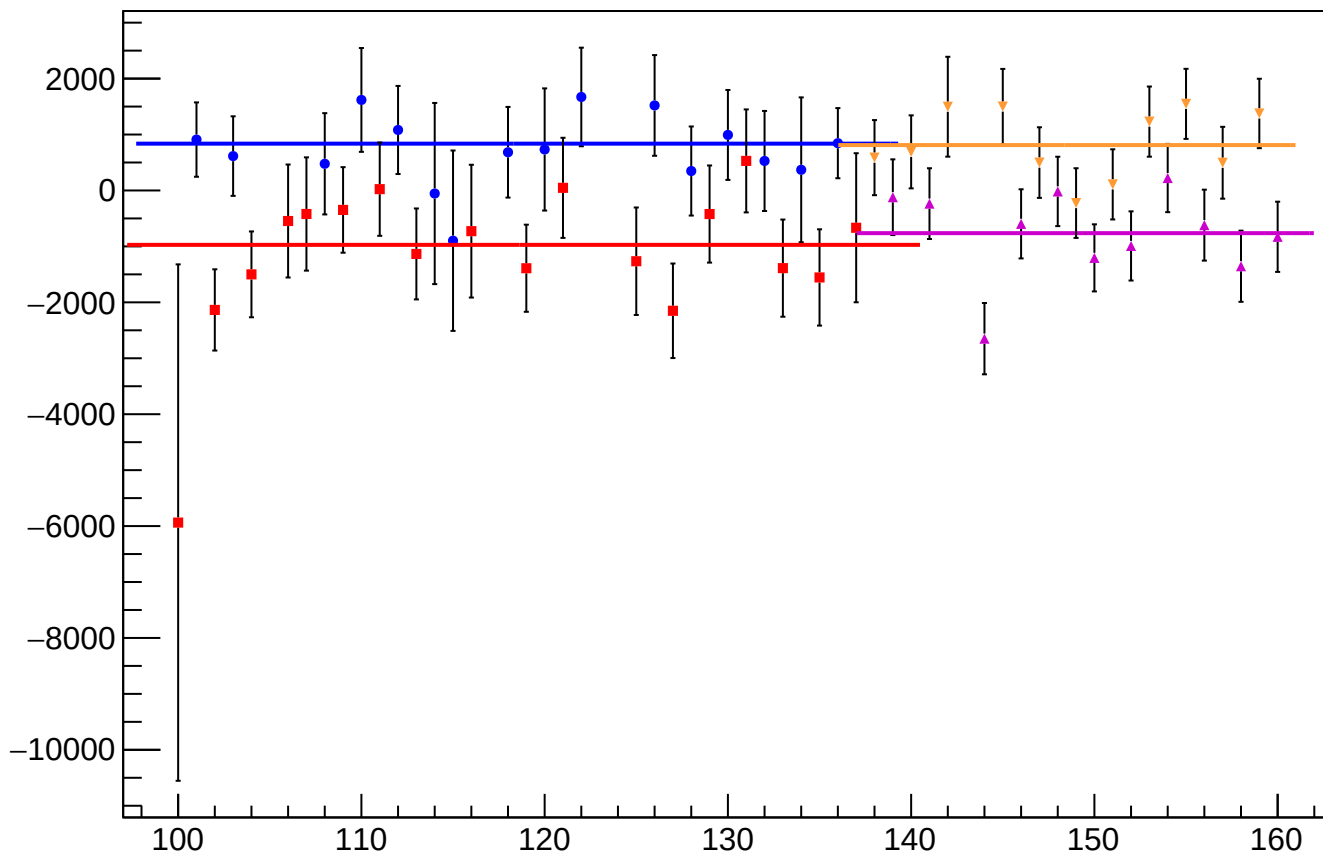
128.124 ± 0.023 χ^2/NDF : 856715.5/28

Right Out: 124.752 ± 0.034 χ^2/NDF : 580350.4/18

131.718 ± 0.023 χ^2/NDF : 662732.2/29

Left In: 138.209 ± 0.033 χ^2/NDF : 66.9/10

reg_asym_left_avg_mean vs Slug



Right In: 837.048 $\pm$ 216.181 χ^2 /NDF: 4.7/15

Left Out: 811.414 $\pm$ 196.985 χ^2 /NDF: 9.0/10

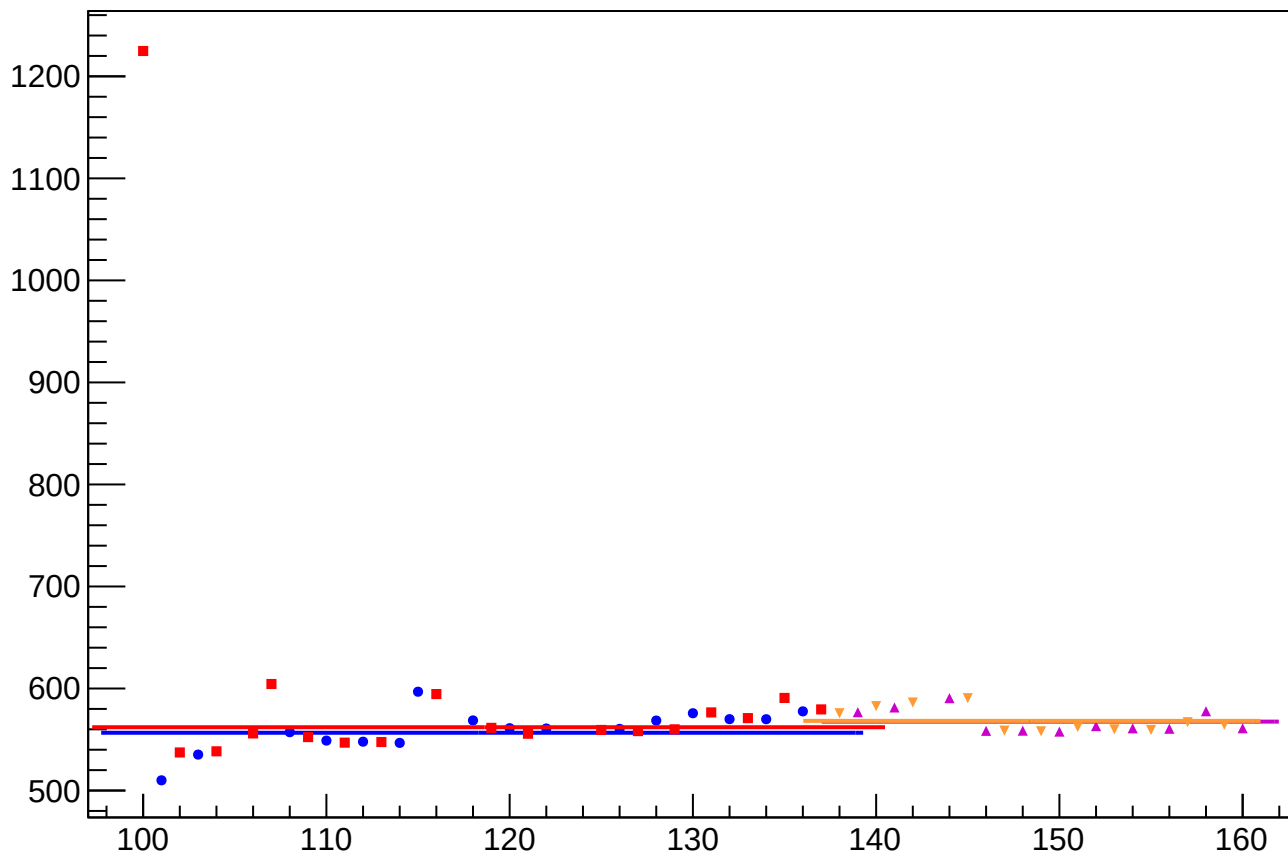
Right Out: -972.425 $\pm$ 212.746 χ^2 /NDF: 14.3/17

Left In: -763.081 $\pm$ 189.189 χ^2 /NDF: 16.1/10

823.042 $\pm$ 145.604 χ^2 /NDF: 13.7/26

-855.525 $\pm$ 141.375 χ^2 /NDF: 30.9/28

reg_asym_left_avg_rms vs Slug



Right In: 556.637+/-0.153 χ^2/NDF : 18391.7/15

Left Out: 568.278+/-0.139 χ^2/NDF : 6235.4/10

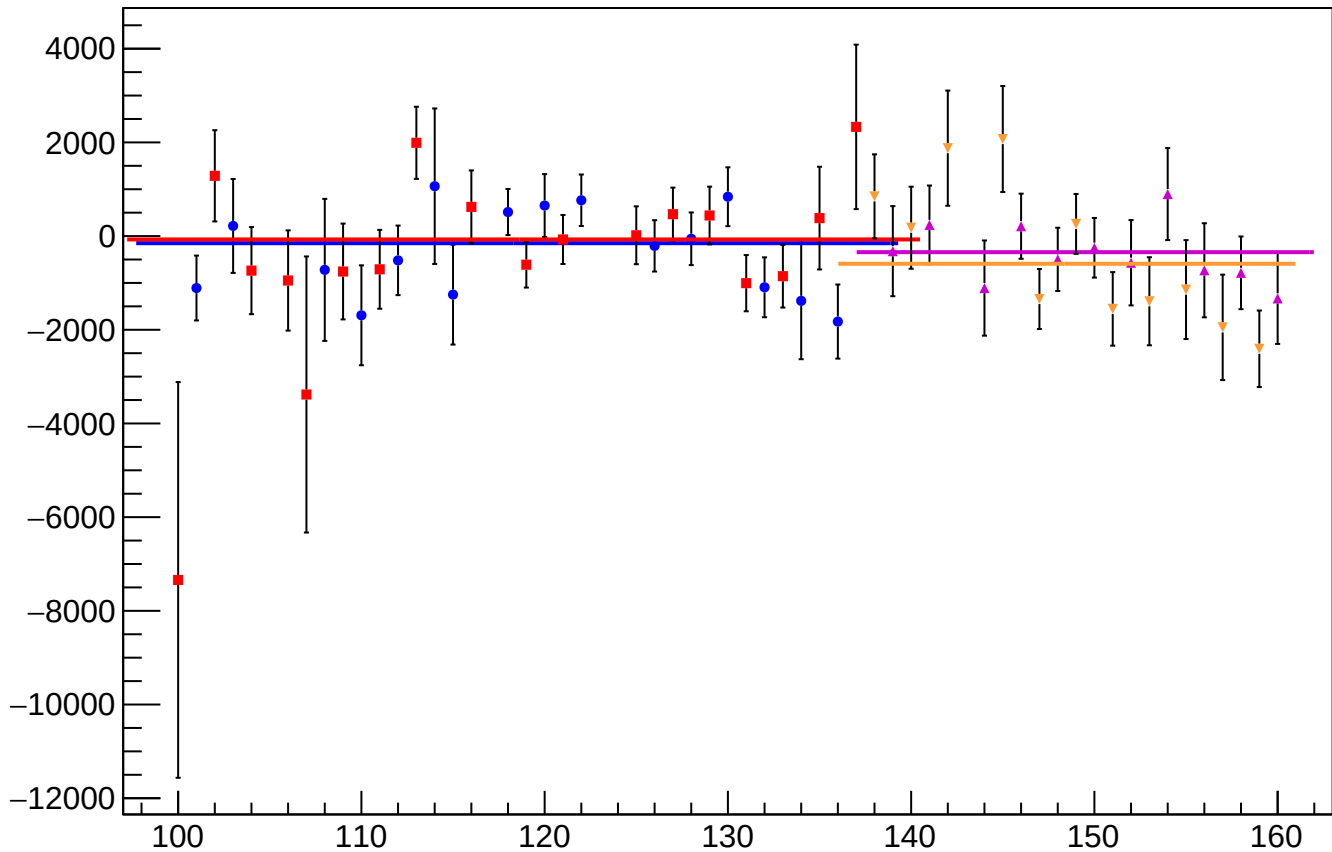
Right Out: 562.048+/-0.150 χ^2/NDF : 55575.3/17

Left In: 567.540+/-0.134 χ^2/NDF : 6607.3/10

562.997+/-0.103 χ^2/NDF : 27795.3/26

565.115+/-0.100 χ^2/NDF : 62926.9/28

asym_left_avg_correction_mean vs Slug



Right In: -151.876+/-180.078 χ^2/NDF : 22.3/15

Left Out: -590.656+/-259.854 χ^2/NDF : 25.0/10

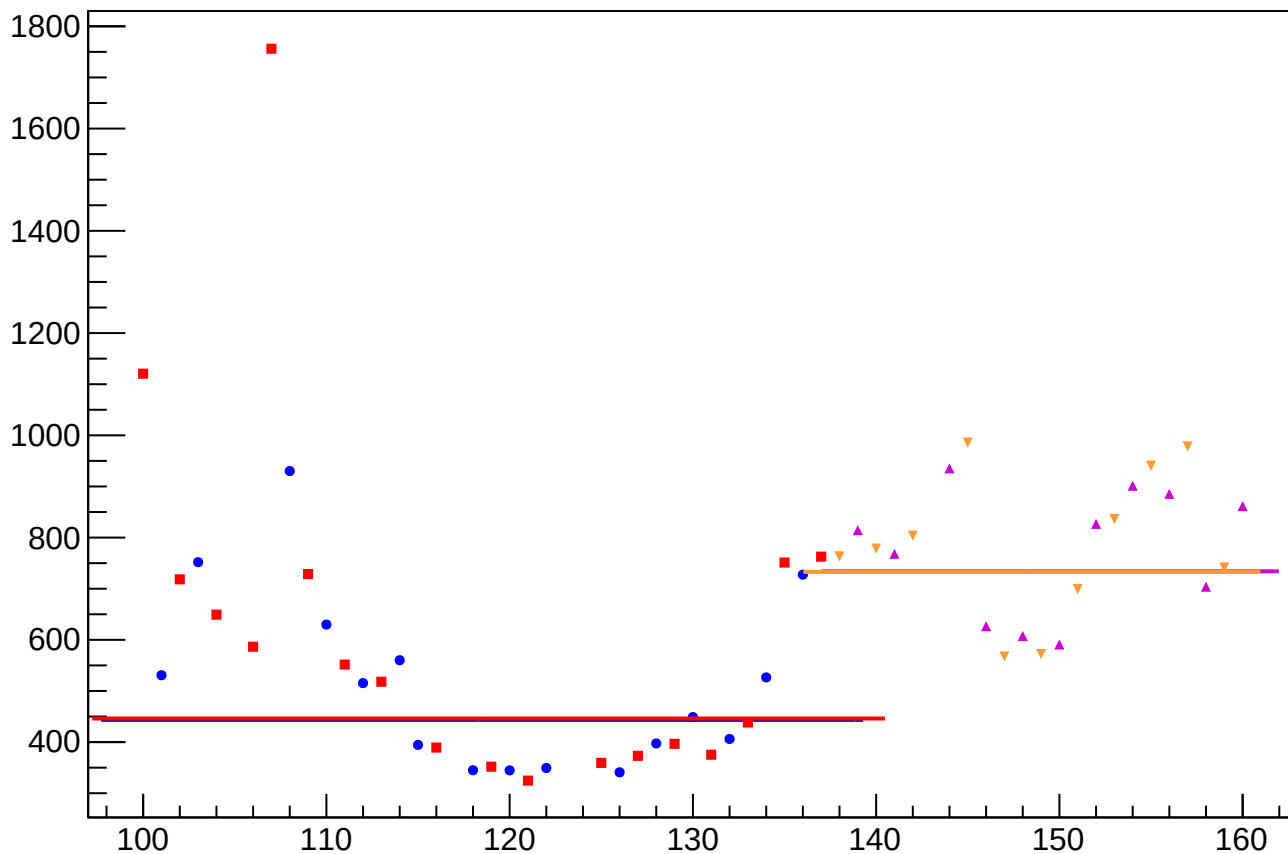
Right Out: -71.760+/-178.665 χ^2/NDF : 25.0/17

Left In: -343.293+/-248.818 χ^2/NDF : 4.9/10

-294.232+/-148.011 χ^2/NDF : 49.2/26

-164.135+/-145.127 χ^2/NDF : 30.7/28

asym_left_avg_correction_rms vs Slug



Right In: 443.451+/-0.127 χ^2/NDF : 1060940.9/15

Left Out: 732.969+/-0.184 χ^2/NDF : 574537.2/10

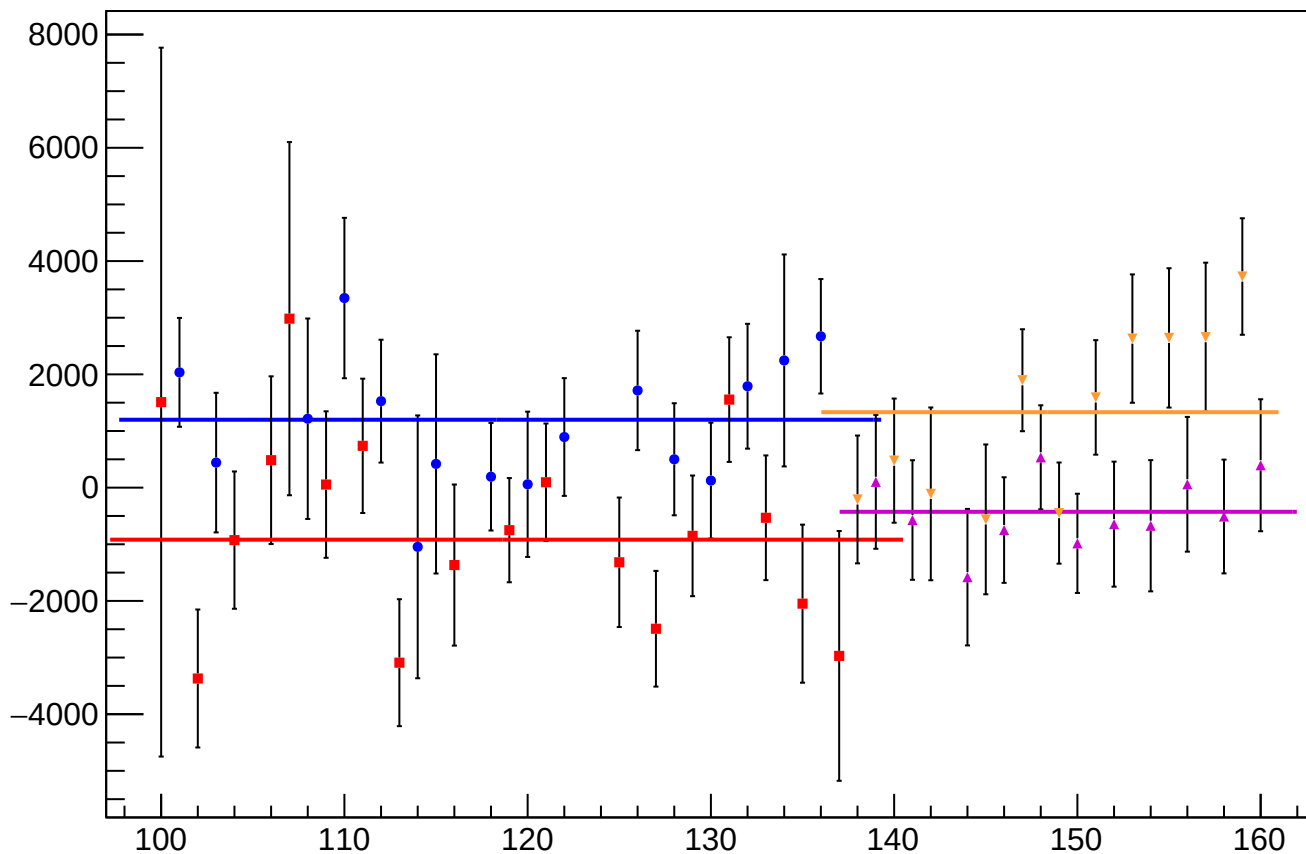
Right Out: 446.147+/-0.126 χ^2/NDF : 1459986.4/17

Left In: 734.013+/-0.176 χ^2/NDF : 476630.7/10

537.381+/-0.105 χ^2/NDF : 3312686.7/26

544.078+/-0.103 χ^2/NDF : 3702903.7/28

asym_left_avg_mean vs Slug



Right In: 1198.972 ± 295.243 χ^2/NDF : 11.2/15

Left Out: 1332.434 ± 332.442 χ^2/NDF : 18.7/10

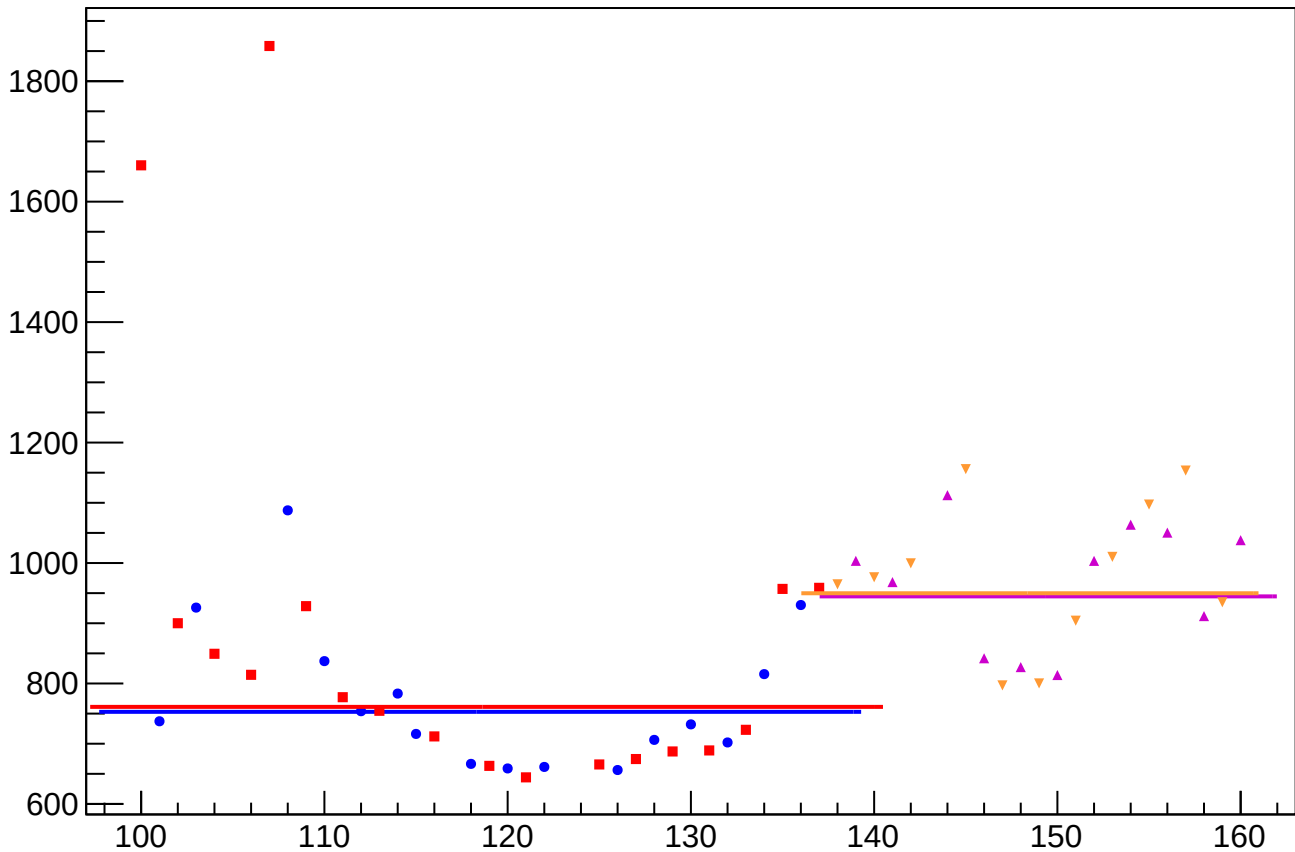
Right Out: -918.412 ± 293.294 χ^2/NDF : 23.2/17

Left In: -426.463 ± 317.127 χ^2/NDF : 3.5/10

1257.821 ± 220.753 χ^2/NDF : 30.0/26

-691.616 ± 215.323 χ^2/NDF : 28.0/28

asym_left_avg_rms vs Slug



Right In: 752.937 $\pm$ 0.209 χ^2 /NDF: 252526.4/15

Left Out: 949.794 $\pm$ 0.235 χ^2 /NDF: 252952.3/10

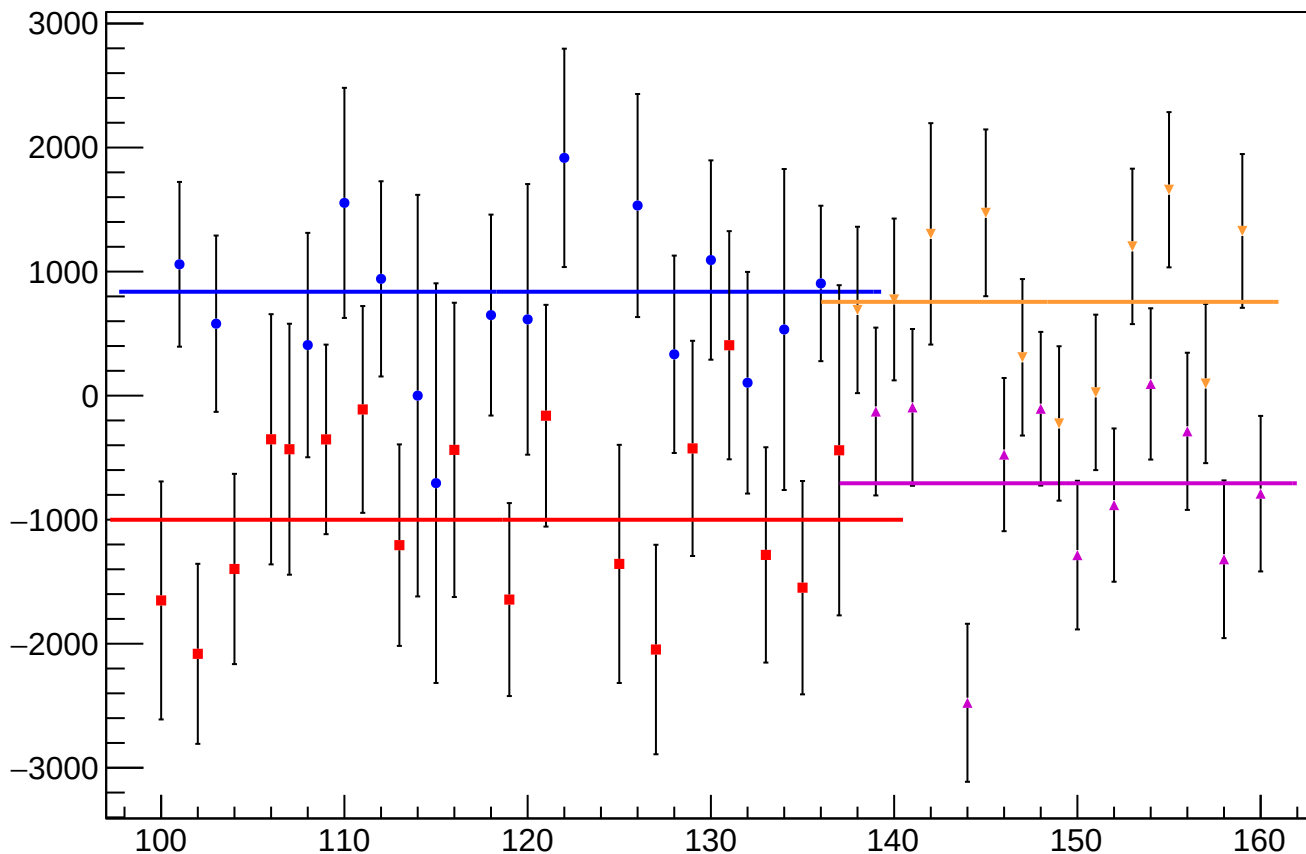
Right Out: 761.160 $\pm$ 0.207 χ^2 /NDF: 517136.7/17

Left In: 944.616 $\pm$ 0.224 χ^2 /NDF: 203981.3/10

839.740 $\pm$ 0.156 χ^2 /NDF: 897541.2/26

845.736 $\pm$ 0.152 χ^2 /NDF: 1081864.7/28

reg_asym_left_dd_mean vs Slug



Right In: 837.557 ± 216.015 $\chi^2/\text{NDF}: 5.7/15$

Left Out: 756.087 ± 196.822 $\chi^2/\text{NDF}: 10.4/10$

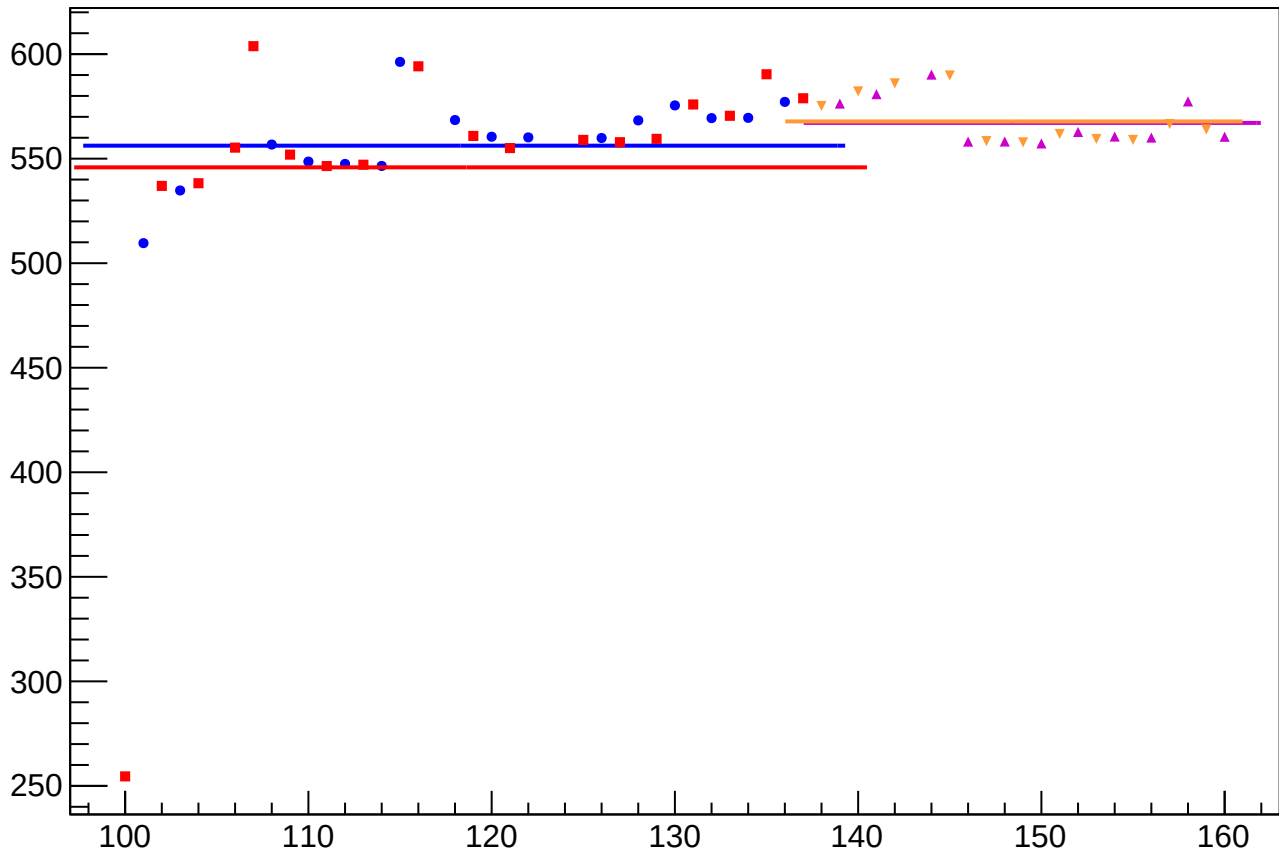
Right Out: -1000.617 ± 207.748 $\chi^2/\text{NDF}: 12.5/17$

Left In: -706.484 ± 189.042 $\chi^2/\text{NDF}: 14.6/10$

793.042 ± 145.488 $\chi^2/\text{NDF}: 16.1/26$

-839.715 ± 139.819 $\chi^2/\text{NDF}: 28.2/28$

reg_asym_left_dd_rms vs Slug



Right In: 556.210 $\pm$ 0.153 χ^2 /NDF: 18417.4/15

Left Out: 567.809 $\pm$ 0.139 χ^2 /NDF: 6170.0/10

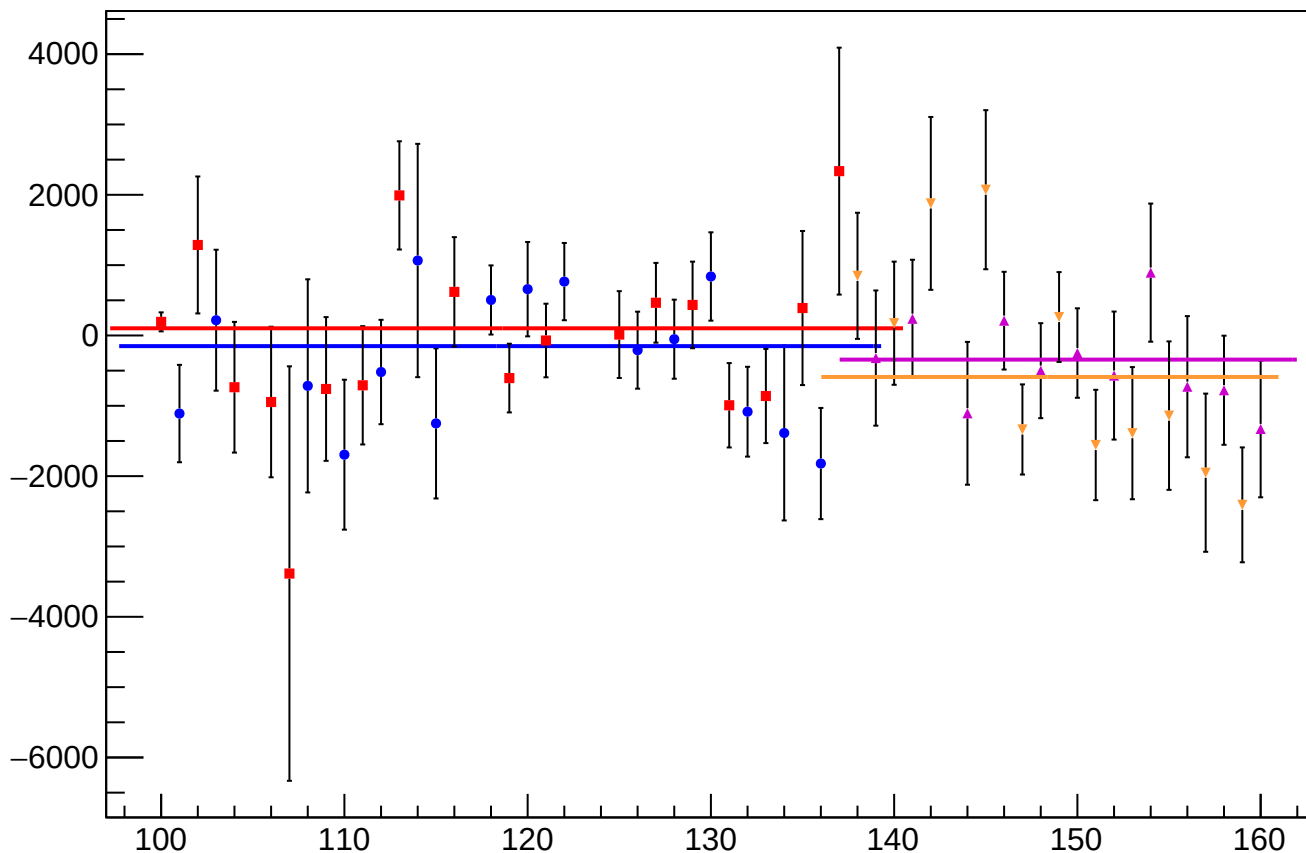
Right Out: 545.844 $\pm$ 0.147 χ^2 /NDF: 207640.3/17

Left In: 567.099 $\pm$ 0.134 χ^2 /NDF: 6638.1/10

562.548 $\pm$ 0.103 χ^2 /NDF: 27738.1/26

557.471 $\pm$ 0.099 χ^2 /NDF: 225729.9/28

asym_left_dd_correction_mean vs Slug



Right In: -151.459+/-179.991 χ^2/NDF : 22.3/15

Left Out: -589.915+/-259.729 χ^2/NDF : 25.0/10

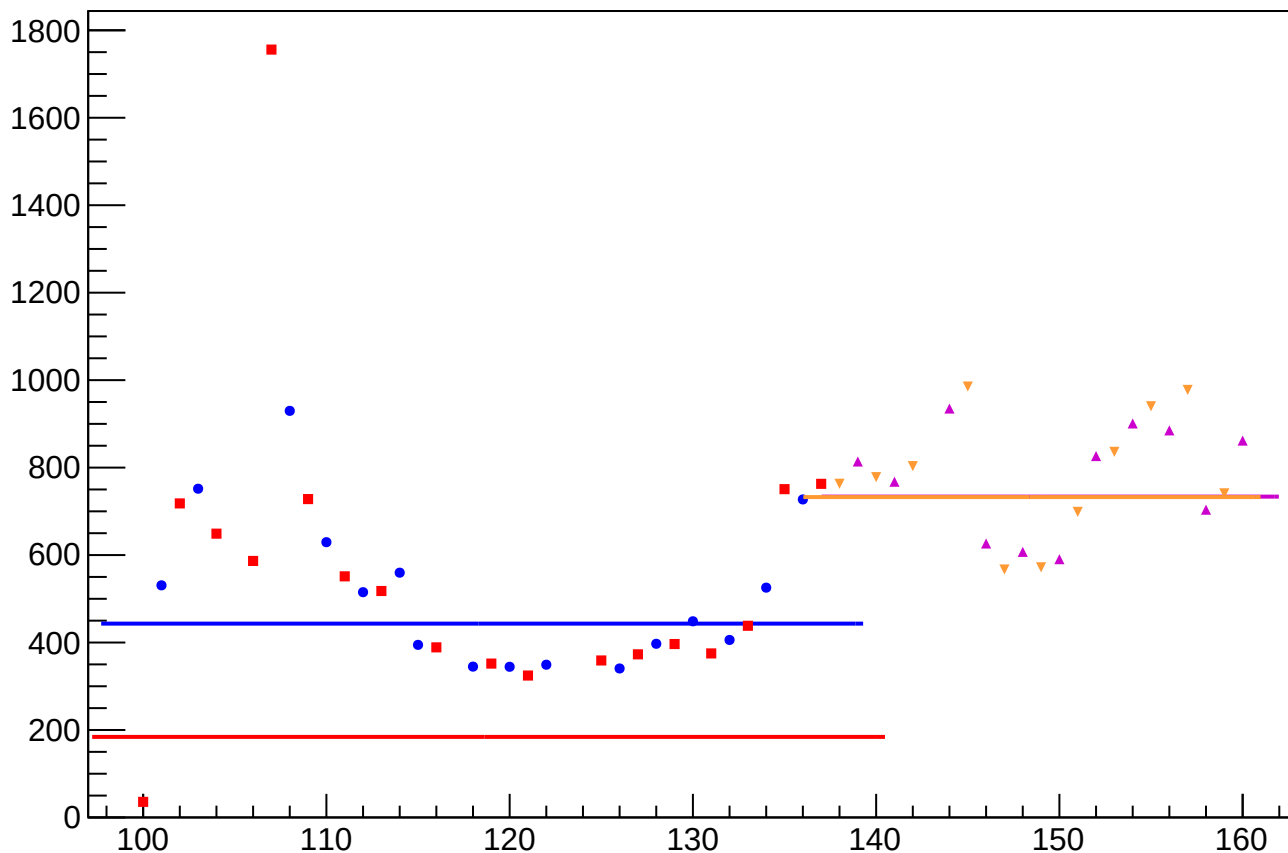
Right Out: 102.079+/-107.707 χ^2/NDF : 23.2/17

Left In: -343.243+/-248.696 χ^2/NDF : 4.9/10

-293.709+/-147.939 χ^2/NDF : 49.2/26

31.745+/-98.836 χ^2/NDF : 30.8/28

asym_left_dd_correction_rms vs Slug



Right In: 443.240+/-0.127 χ^2/NDF : 1060784.8/15

Left Out: 732.612+/-0.184 χ^2/NDF : 574823.7/10

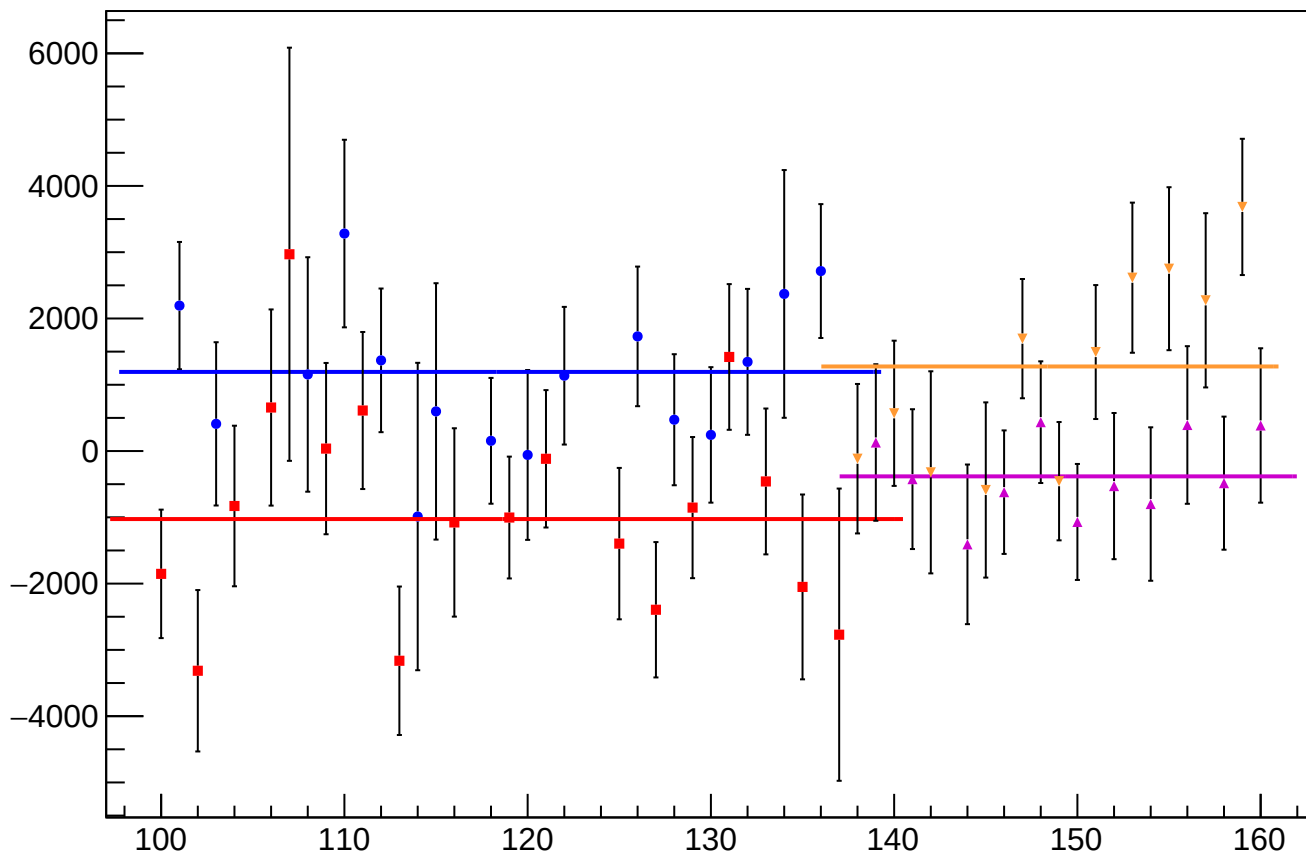
Right Out: 184.215+/-0.076 χ^2/NDF : 8079776.8/17

Left In: 733.653+/-0.176 χ^2/NDF : 476829.2/10

537.123+/-0.105 χ^2/NDF : 3312753.7/26

270.994+/-0.070 χ^2/NDF : 16776593.2/28

asym_left_dd_mean vs Slug



Right In: 1193.849 $\pm$ 295.046 χ^2 /NDF: 11.2/15

Left Out: 1275.937 $\pm$ 332.248 χ^2 /NDF: 17.9/10

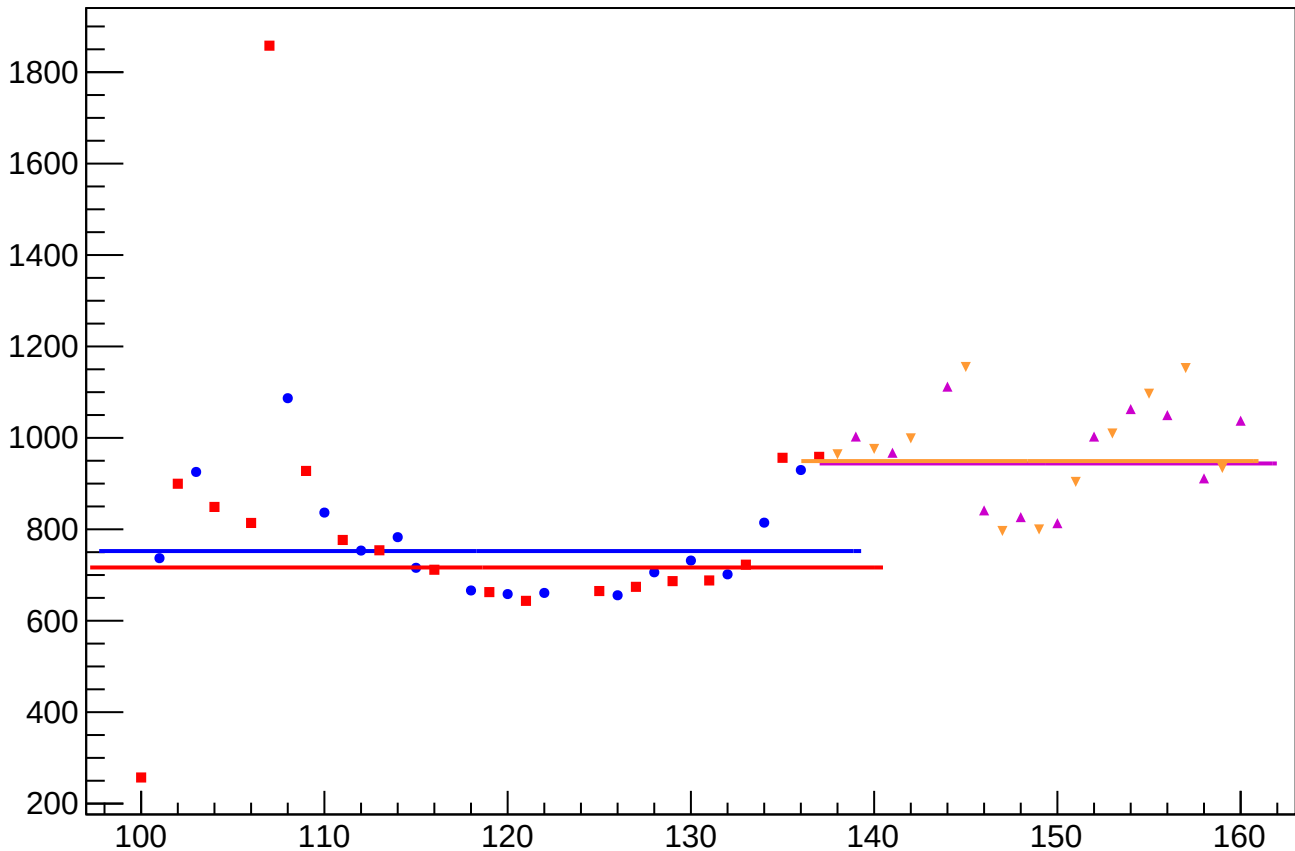
Right Out: -1026.130 $\pm$ 280.822 χ^2 /NDF: 22.5/17

Left In: -382.055 $\pm$ 316.937 χ^2 /NDF: 3.4/10

1230.042 $\pm$ 220.614 χ^2 /NDF: 29.2/26

-742.865 $\pm$ 210.185 χ^2 /NDF: 28.3/28

asym_left_dd_rms vs Slug



Right In: 752.429+/-0.209 χ^2/NDF : 252705.1/15

Left Out: 949.242+/-0.235 χ^2/NDF : 252890.8/10

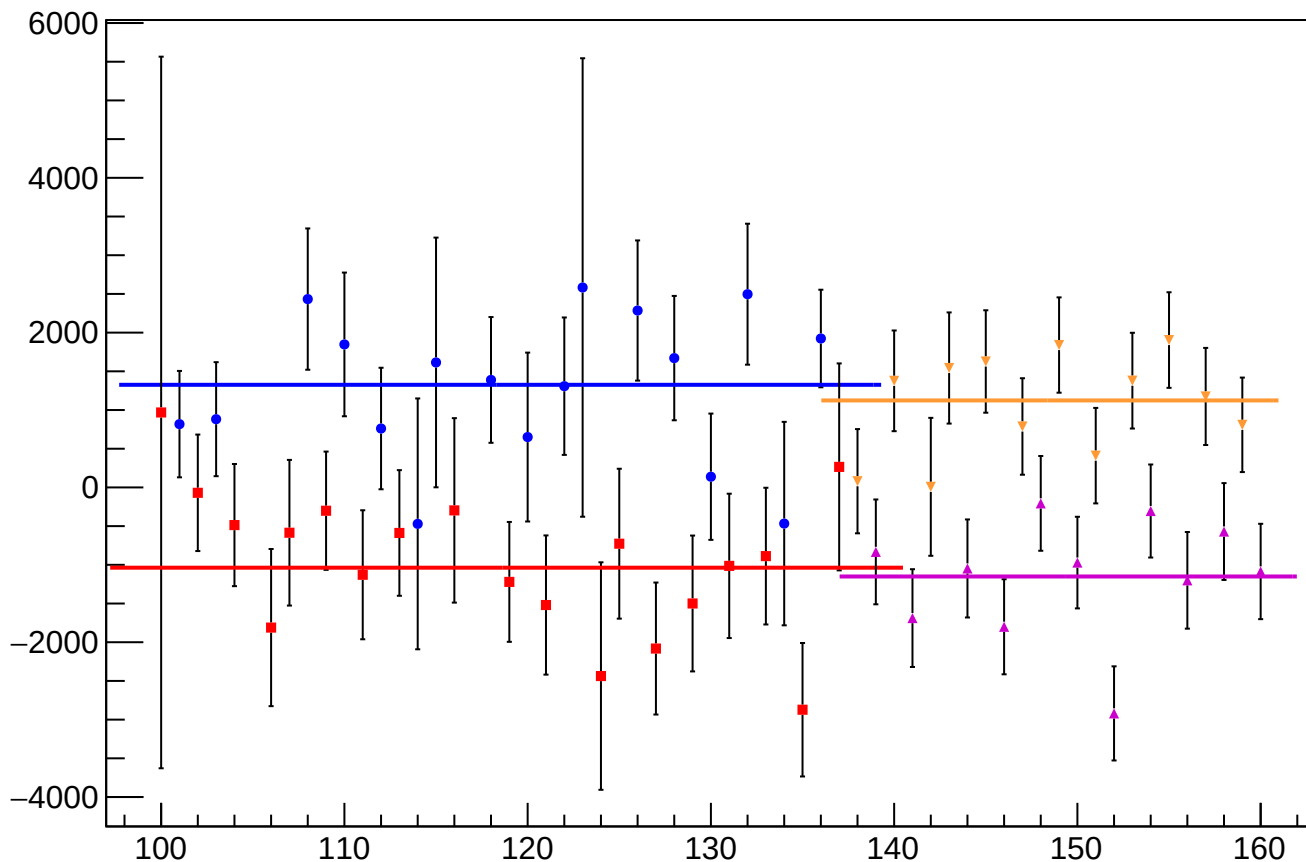
Right Out: 716.522+/-0.199 χ^2/NDF : 966934.7/17

Left In: 944.049+/-0.224 χ^2/NDF : 204092.9/10

839.204+/-0.156 χ^2/NDF : 897971.5/26

816.589+/-0.149 χ^2/NDF : 1748444.2/28

reg_asym_right_avg_mean vs Slug



Right In: 1325.776 $\pm$ 218.106 χ^2 /NDF: 12.9/16

Left Out: 1123.775 $\pm$ 187.803 χ^2 /NDF:10.1/11

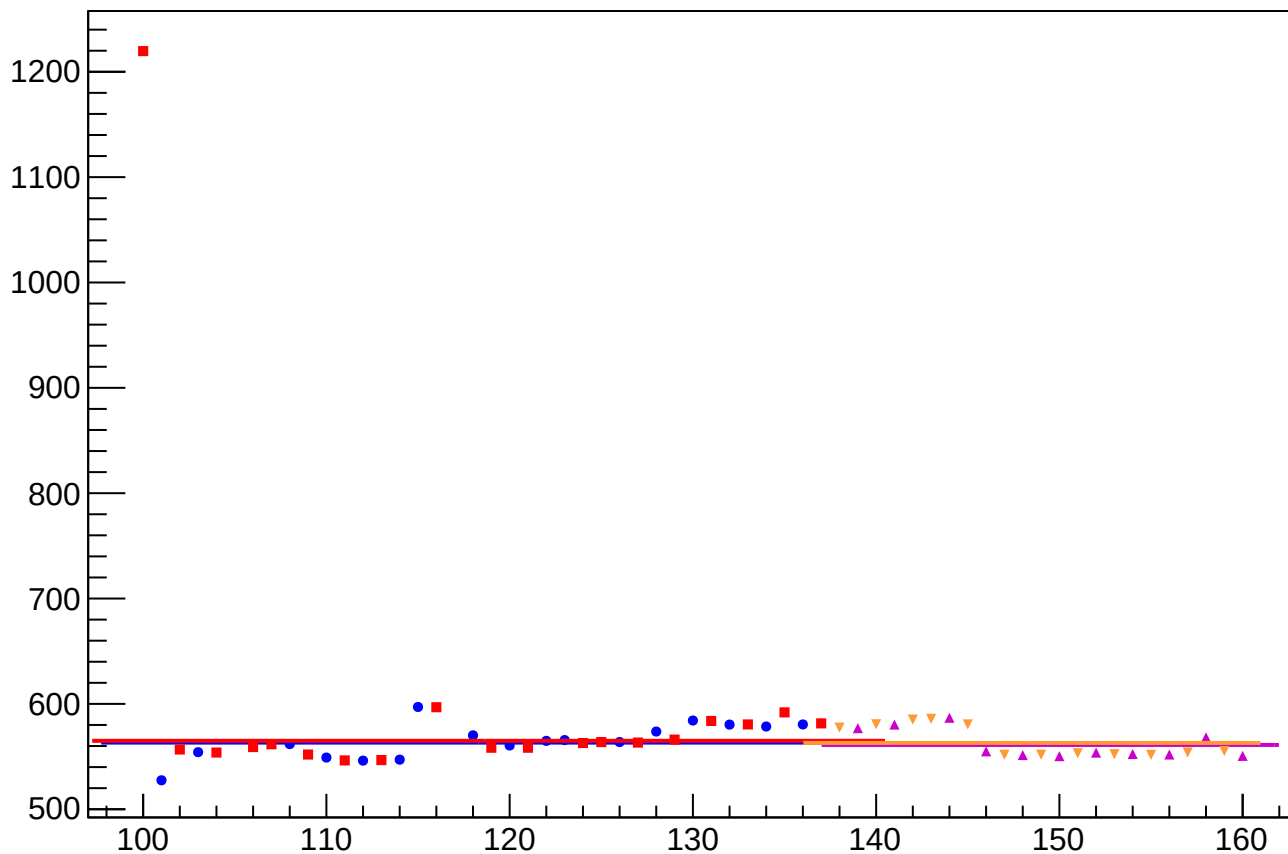
Right Out: -1037.028 $\pm$ 211.583 χ^2 /NDF: 13.4/18

Left In: -1150.706 $\pm$ 187.034 χ^2 /NDF:15.9/10

1209.779 $\pm$ 142.314 χ^2 /NDF: 23.4/28

-1100.842 $\pm$ 140.132 χ^2 /NDF: 29.5/29

reg_asym_right_avg_rms vs Slug



Right In: 563.266+/-0.154 χ^2/NDF : 12520.3/16

Left Out: 562.964+/-0.133 χ^2/NDF : 10912.3/11

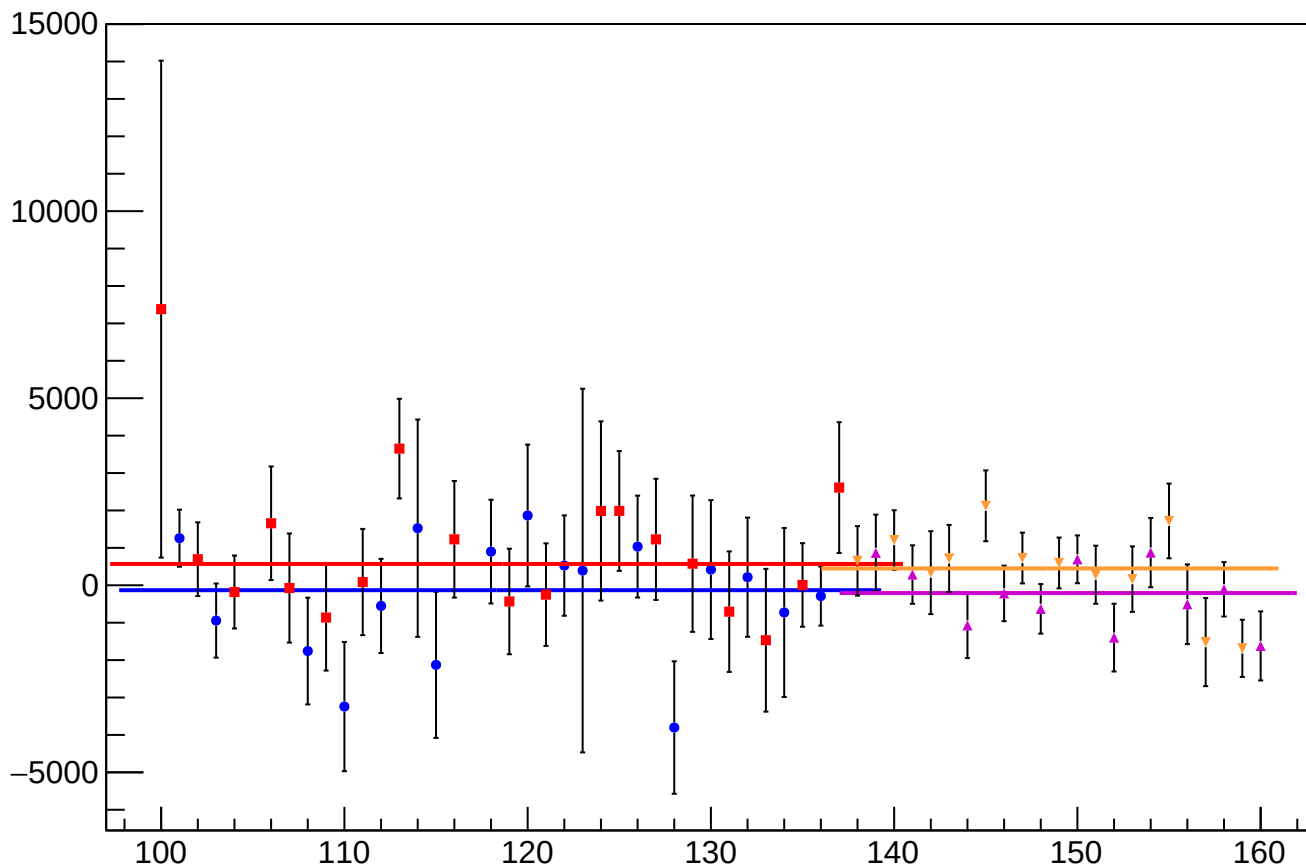
Right Out: 564.944+/-0.150 χ^2/NDF : 49295.9/18

Left In: 561.030+/-0.132 χ^2/NDF : 9585.9/10

563.092+/-0.101 χ^2/NDF : 23434.8/28

562.747+/-0.099 χ^2/NDF : 59266.0/29

asym_right_avg_correction_mean vs Slug



Right In: -131.097 ± 327.588 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 450.582 ± 245.029 $\chi^2/\text{NDF}: 16.8/11$

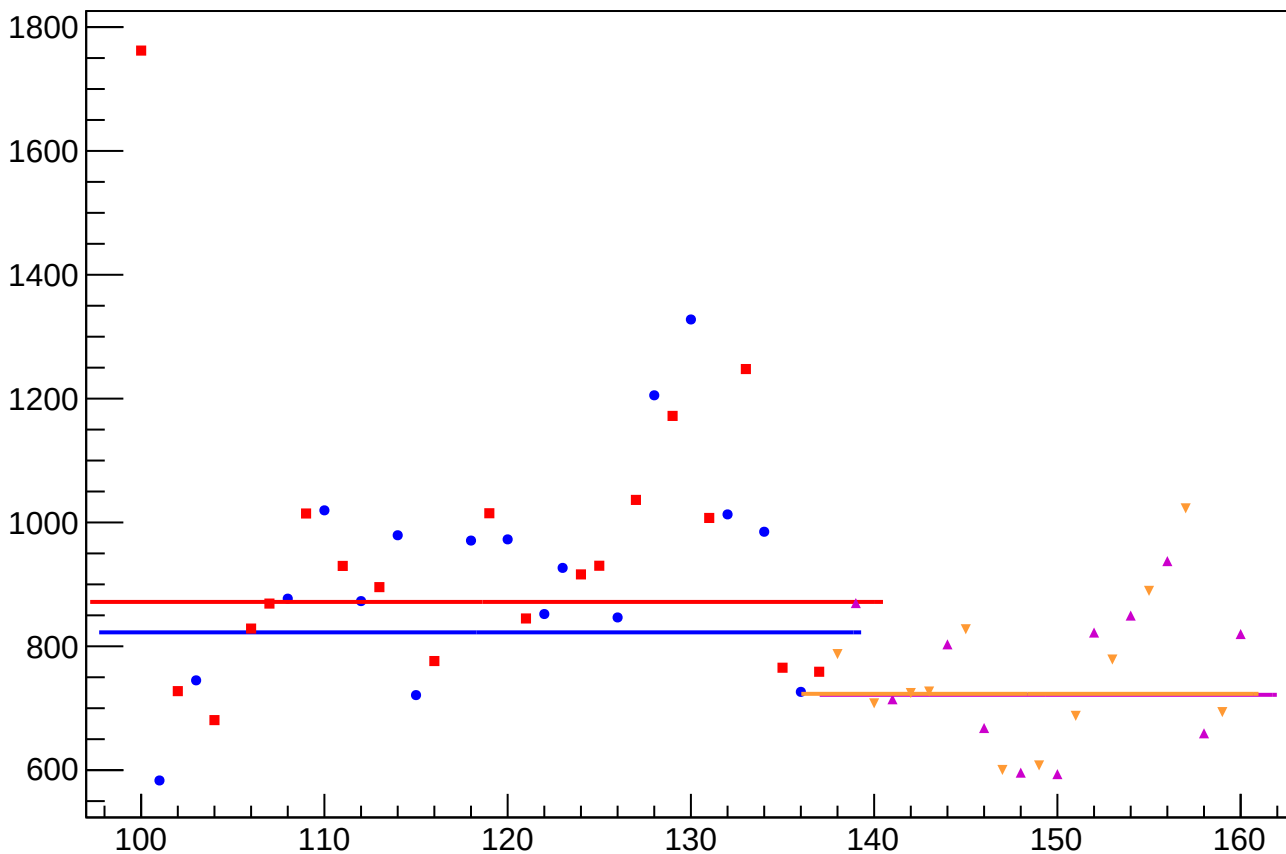
Right Out: 569.844 ± 332.404 $\chi^2/\text{NDF}: 14.6/18$

Left In: -207.703 ± 244.058 $\chi^2/\text{NDF}: 10.4/10$

241.900 ± 196.213 $\chi^2/\text{NDF}: 36.0/28$

64.641 ± 196.726 $\chi^2/\text{NDF}: 28.6/29$

asym_right_avg_correction_rms vs Slug



Right In: 822.527+/-0.232 χ^2/NDF : 600956.1/16

Left Out: 723.249+/-0.173 χ^2/NDF : 358277.5/11

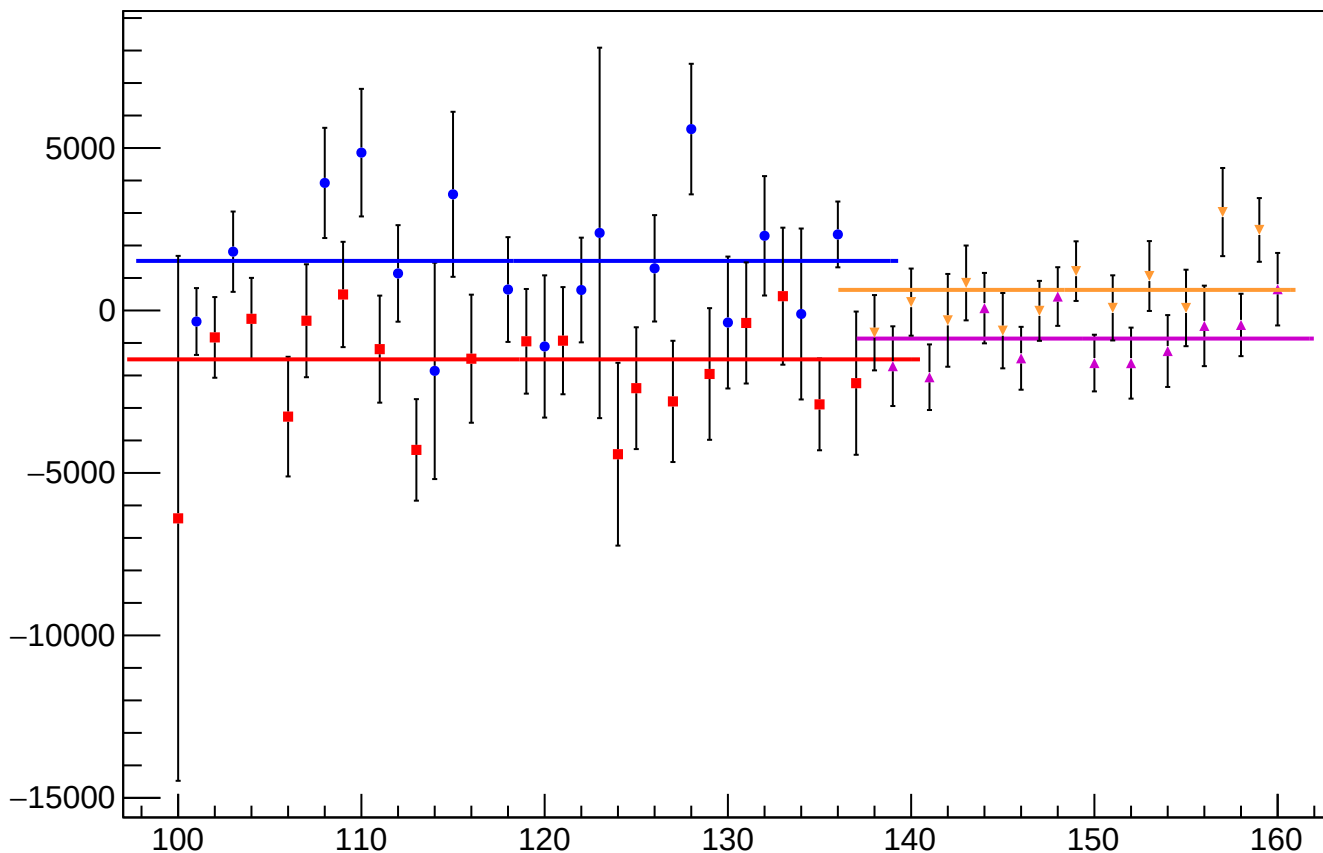
Right Out: 871.679+/-0.235 χ^2/NDF : 406857.8/18

Left In: 721.650+/-0.173 χ^2/NDF : 404780.6/10

758.866+/-0.139 χ^2/NDF : 1077020.8/28

774.200+/-0.139 χ^2/NDF : 1076356.5/29

asym_right_avg_mean vs Slug



Right In: 1525.470 $\pm$ 401.784 χ^2 /NDF: 18.2/16

Left Out: 633.433 $\pm$ 313.130 χ^2 /NDF:11.3/11

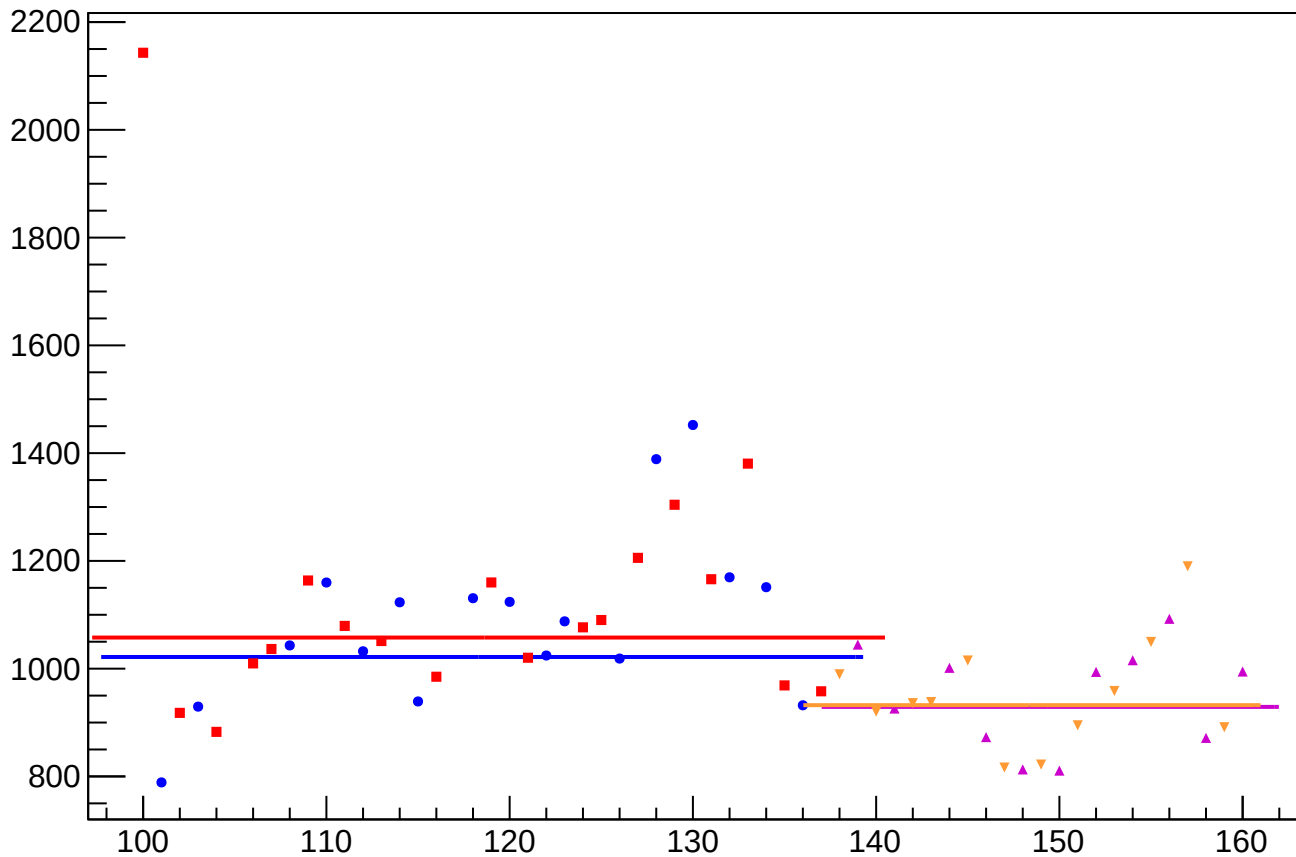
Right Out: -1504.406 $\pm$ 399.953 χ^2 /NDF: 12.1/18

Left In: -864.727 $\pm$ 311.547 χ^2 /NDF:8.6/10

970.509 $\pm$ 246.981 χ^2 /NDF: 32.6/28

-1106.293 $\pm$ 245.780 χ^2 /NDF: 22.3/29

asym_right_avg_rms vs Slug



Right In: 1021.665+/-0.284 χ^2/NDF : 331949.3/16

Left Out: 932.246+/-0.221 χ^2/NDF : 175360.4/11

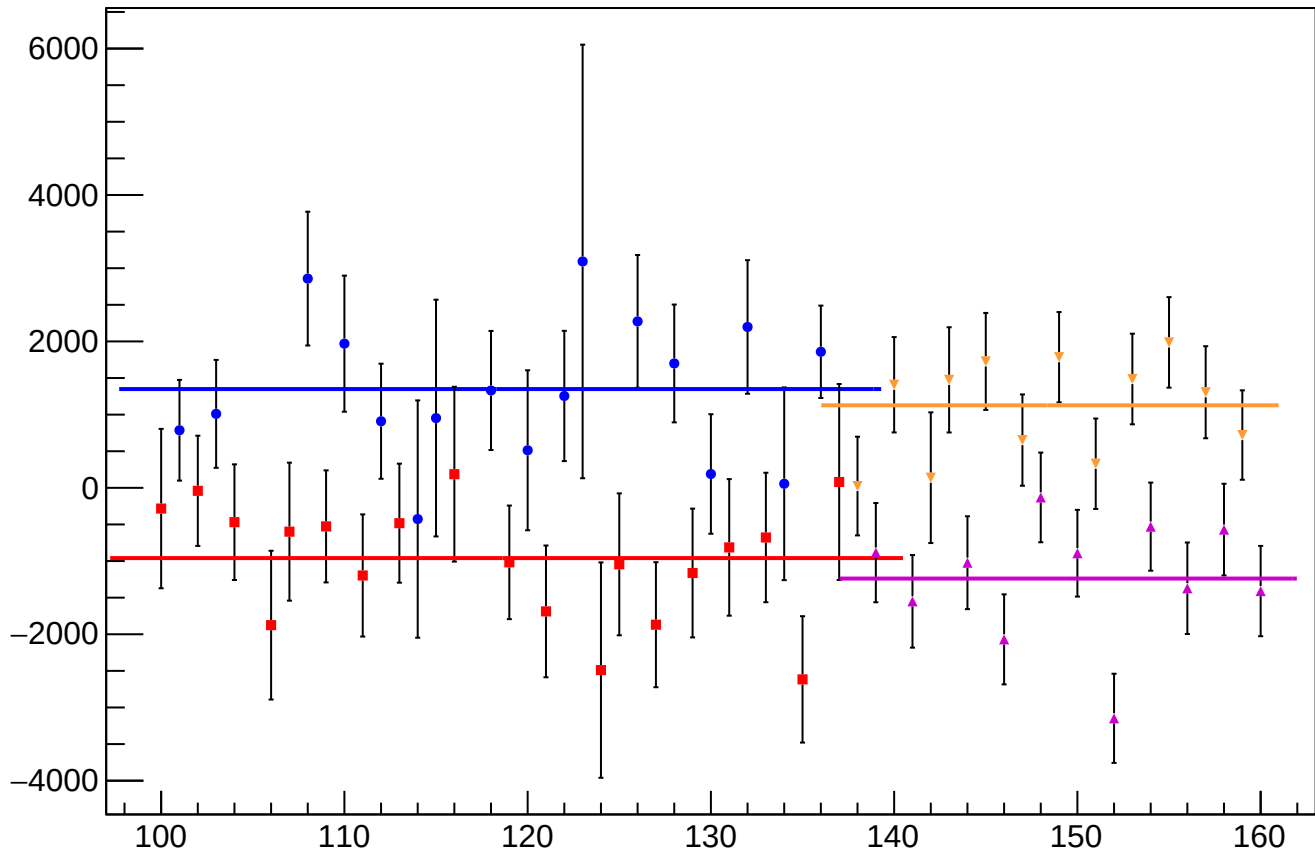
Right Out: 1057.748+/-0.283 χ^2/NDF : 230944.1/18

Left In: 929.047+/-0.220 χ^2/NDF : 171525.6/10

966.035+/-0.175 χ^2/NDF : 568937.8/28

977.649+/-0.174 χ^2/NDF : 531359.7/29

reg_asym_right_dd_mean vs Slug



Right In: 1349.156 ± 218.361 χ^2/NDF : 12.3/16

Left Out: 1127.213 ± 187.992 χ^2/NDF : 11.3/11

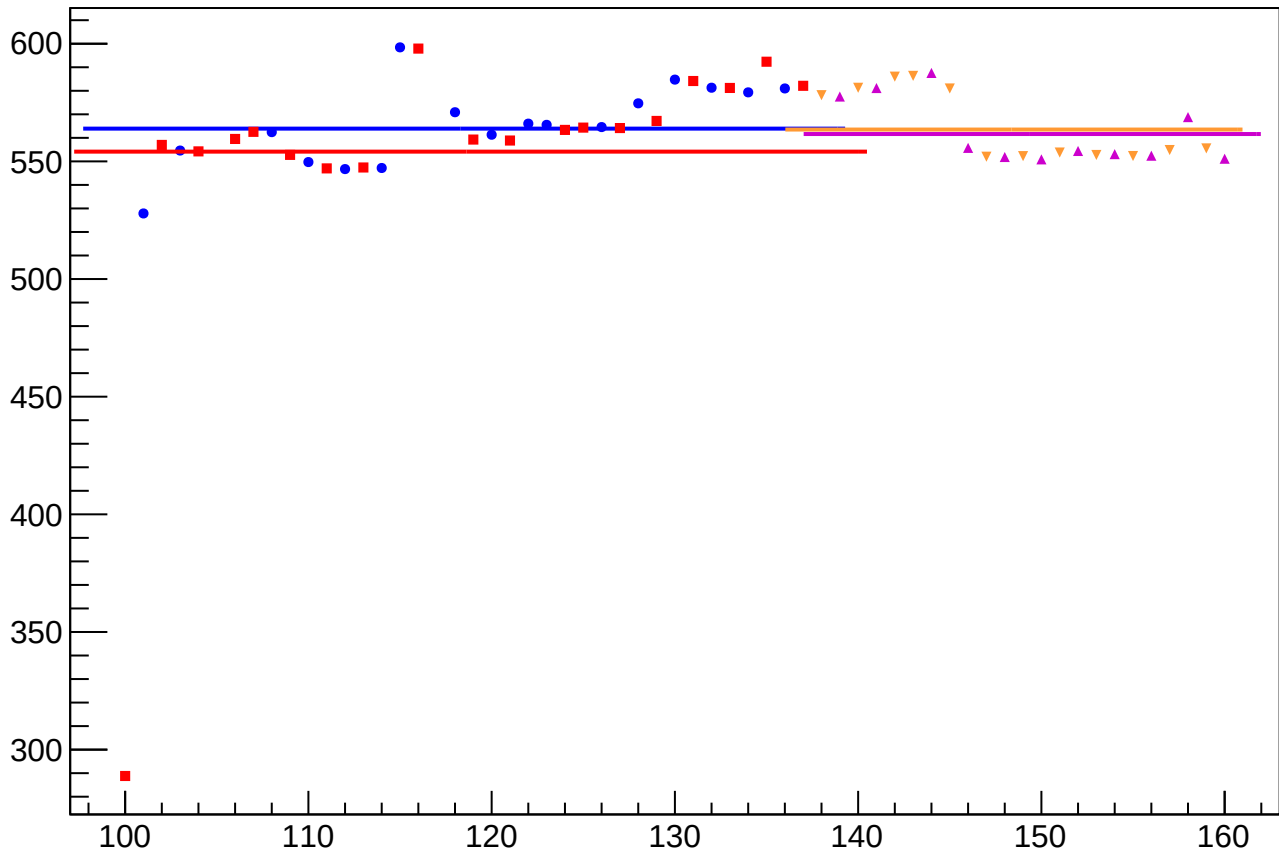
Right Out: -959.496 ± 208.143 χ^2/NDF : 12.2/18

Left In: -1239.151 ± 187.233 χ^2/NDF : 18.6/10

1221.689 ± 142.468 χ^2/NDF : 24.2/28

-1114.072 ± 139.201 χ^2/NDF : 31.8/29

reg_asym_right_dd_rms vs Slug



Right In: 563.922 ± 0.154 $\chi^2/\text{NDF}: 12663.1/16$

Left Out: 563.529 ± 0.133 $\chi^2/\text{NDF}: 10955.1/11$

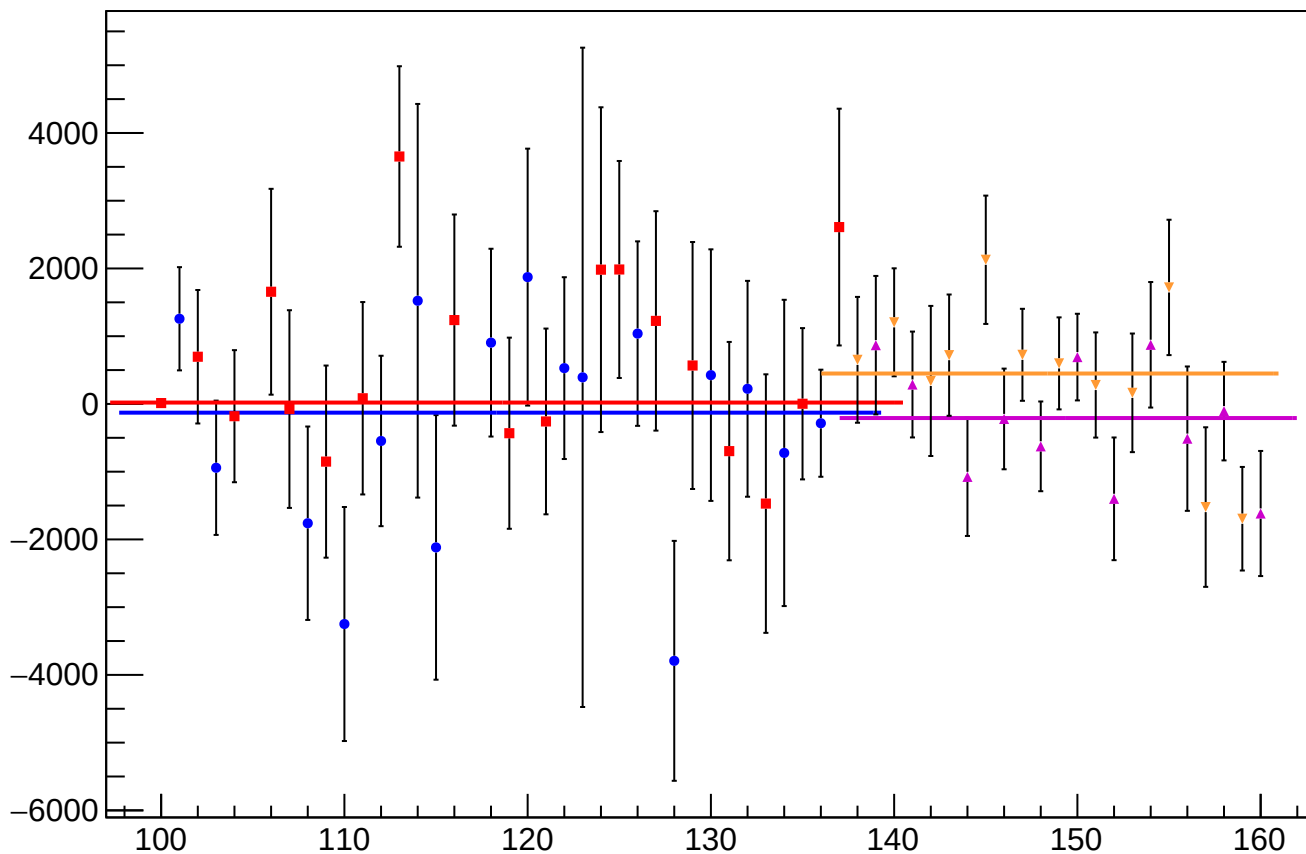
Right Out: 554.145 ± 0.147 $\chi^2/\text{NDF}: 131965.1/18$

Left In: 561.625 ± 0.132 $\chi^2/\text{NDF}: 9681.9/10$

563.696 ± 0.101 $\chi^2/\text{NDF}: 23621.9/28$

558.279 ± 0.098 $\chi^2/\text{NDF}: 143074.7/29$

asym_right_dd_correction_mean vs Slug



Right In: -128.725 ± 327.688 χ^2/NDF : 17.2/16

Left Out: 449.133 ± 245.119 χ^2/NDF : 16.8/11

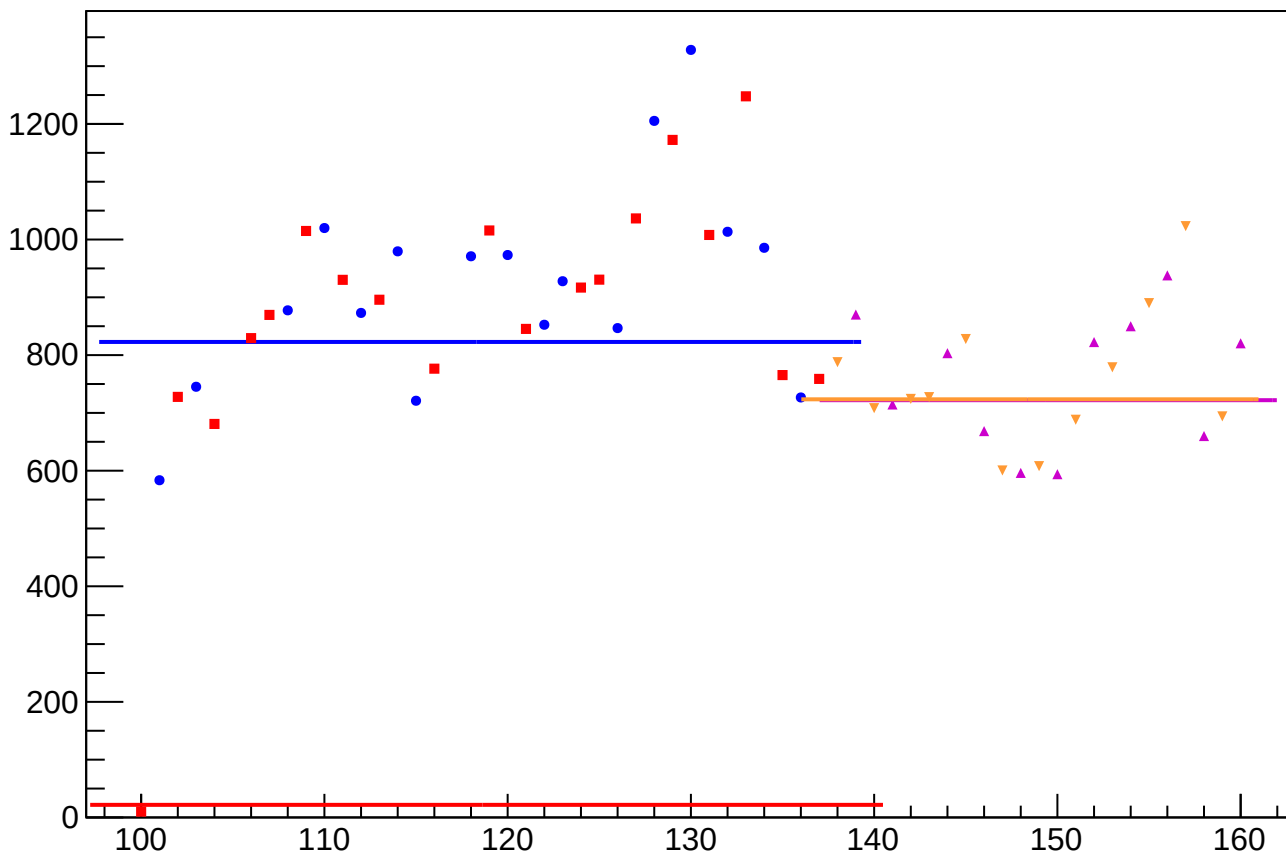
Right Out: 20.384 ± 38.954 χ^2/NDF : 16.1/18

Left In: -208.181 ± 244.175 χ^2/NDF : 10.4/10

241.805 ± 196.281 χ^2/NDF : 36.0/28

14.711 ± 38.468 χ^2/NDF : 27.4/29

asym_right_dd_correction_rms vs Slug



Right In: 822.780+/-0.232 χ^2/NDF : 600873.9/16

Left Out: 723.509+/-0.173 χ^2/NDF : 358383.7/11

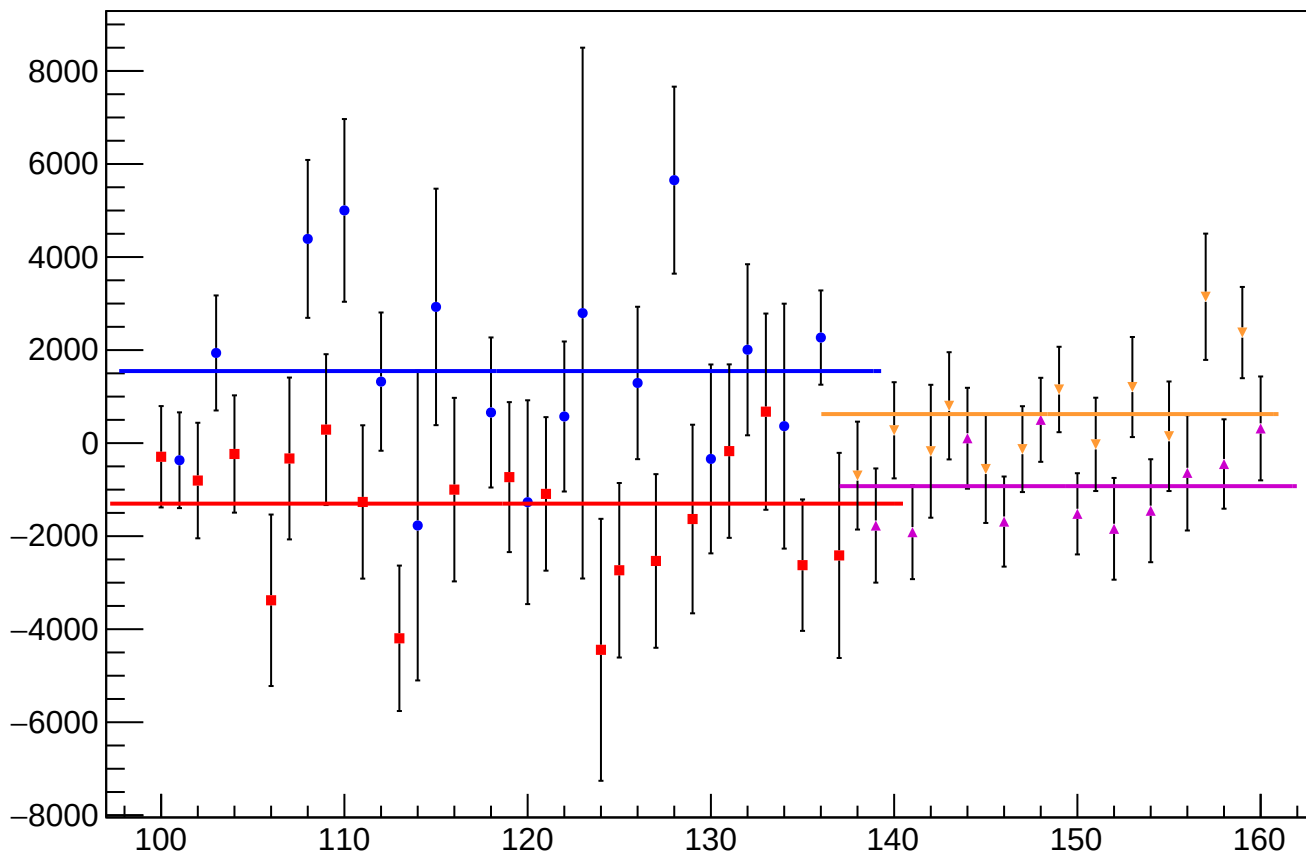
Right Out: 21.812+/-0.028 χ^2/NDF : 13523611.9/18

Left In: 722.005+/-0.173 χ^2/NDF : 404507.7/10

759.126+/-0.139 χ^2/NDF : 1076952.7/28

39.191+/-0.027 χ^2/NDF : 29965995.2/29

asym_right_dd_mean vs Slug



Right In: 1548.873 $\pm$ 402.008 χ^2 /NDF: 19.0/16

Left Out: 624.190 $\pm$ 313.311 χ^2 /NDF: 11.3/11

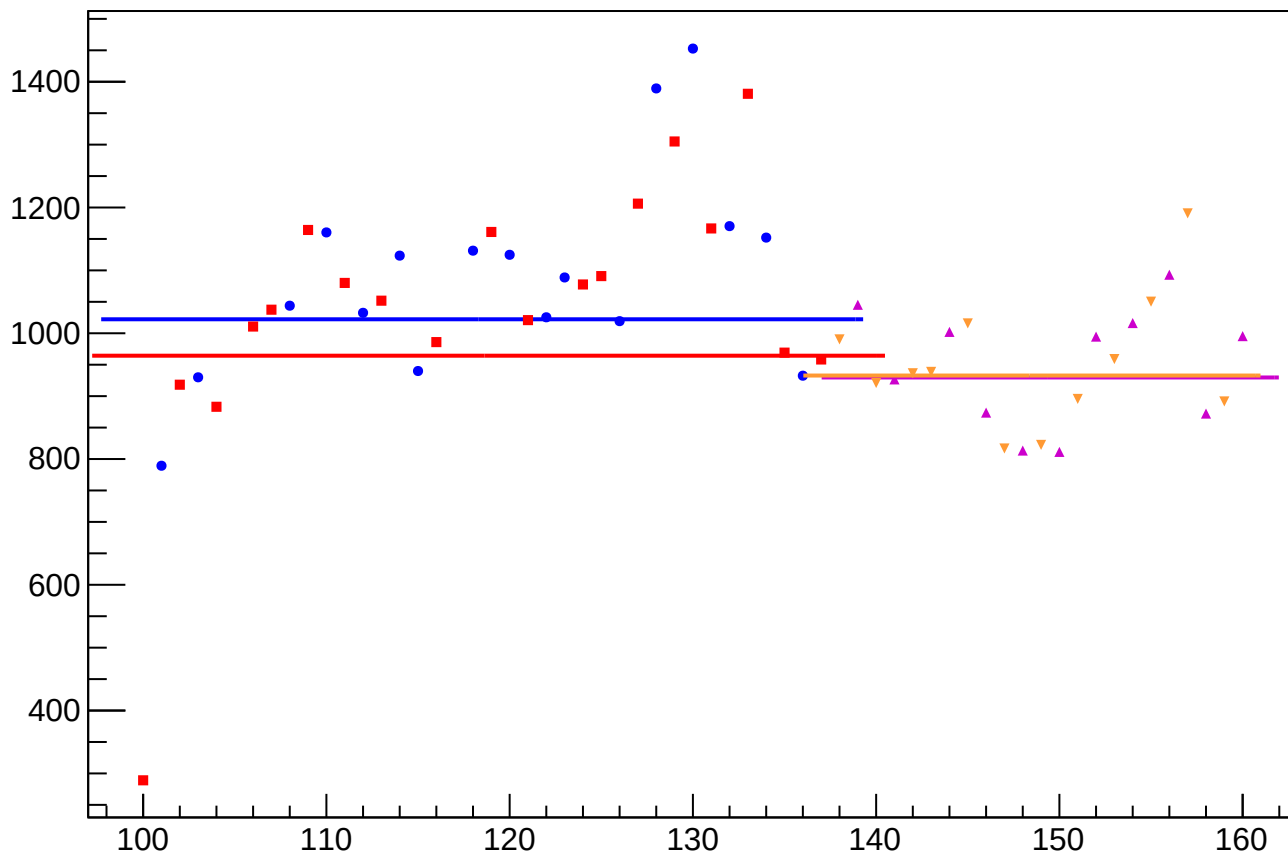
Right Out: -1300.945 $\pm$ 376.043 χ^2 /NDF: 12.5/18

Left In: -925.017 $\pm$ 311.760 χ^2 /NDF: 8.4/10

973.610 $\pm$ 247.123 χ^2 /NDF: 33.6/28

-1078.151 $\pm$ 240.005 χ^2 /NDF: 21.5/29

asym_right_dd_rms vs Slug



Right In: 1022.241+/-0.284 χ^2/NDF : 331865.9/16

Left Out: 932.777+/-0.222 χ^2/NDF : 175498.1/11

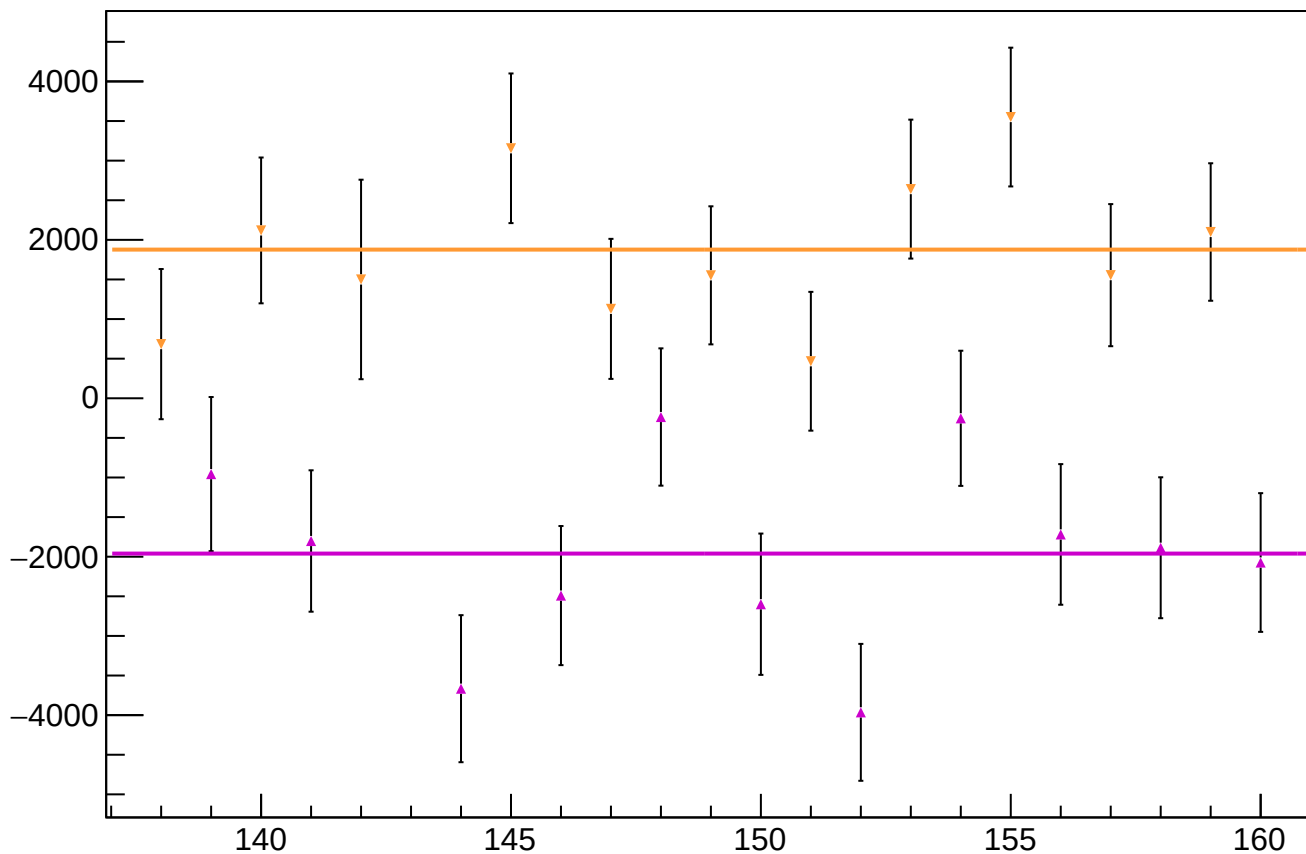
Right Out: 964.330+/-0.266 χ^2/NDF : 1067281.2/18

Left In: 929.687+/-0.220 χ^2/NDF : 171404.9/10

966.584+/-0.175 χ^2/NDF : 568985.9/28

943.798+/-0.170 χ^2/NDF : 1248745.9/29

cor_asym_us_avg_mean vs Slug



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

Left Out: 1876.920+/-276.100 χ^2/NDF : 11.6/10

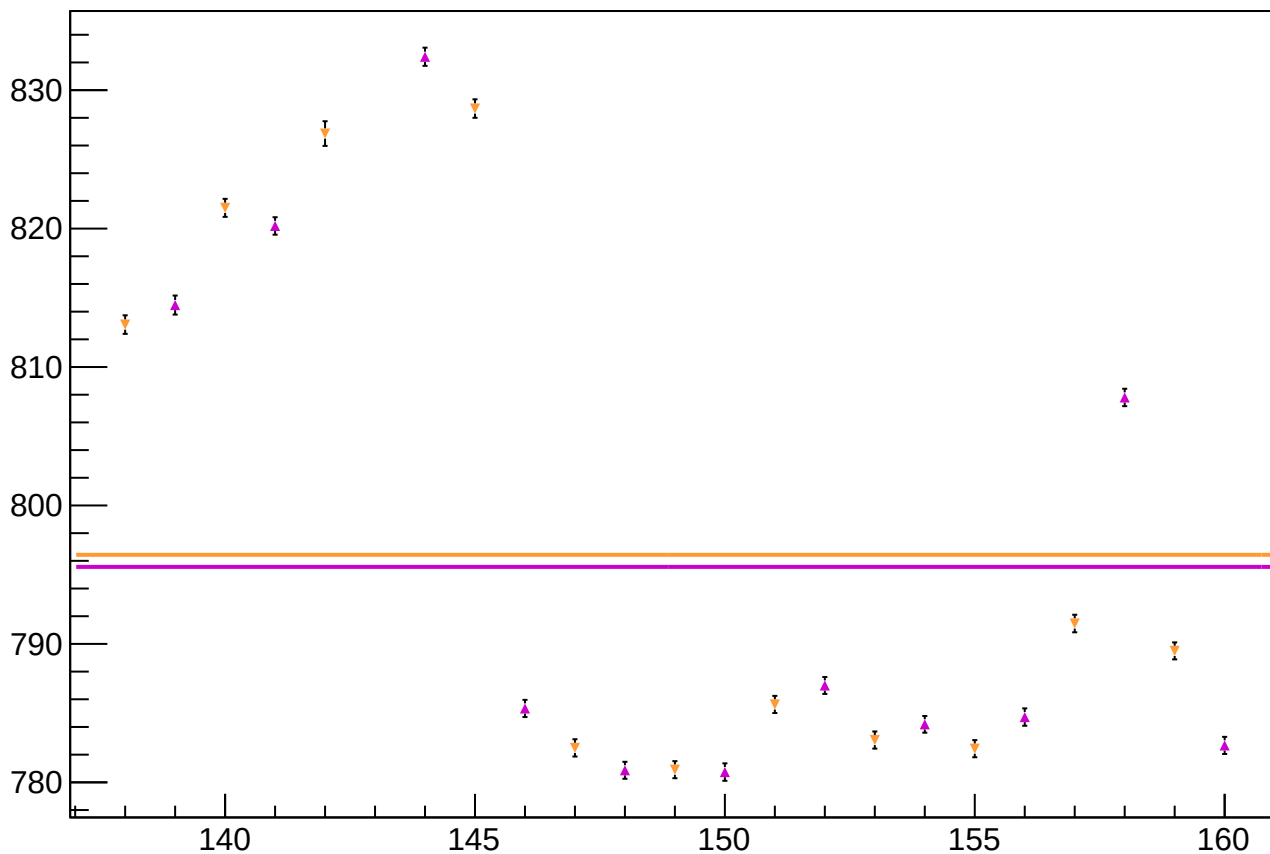
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1960.529+/-268.134 χ^2/NDF : 18.8/10

1876.920+/-276.100 χ^2/NDF : 11.6/10

-1960.529+/-268.134 χ^2/NDF : 18.8/10

cor_asym_us_avg_rms vs Slug



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

Left Out: 796.436+/-0.195 χ^2/NDF : 8197.6/10

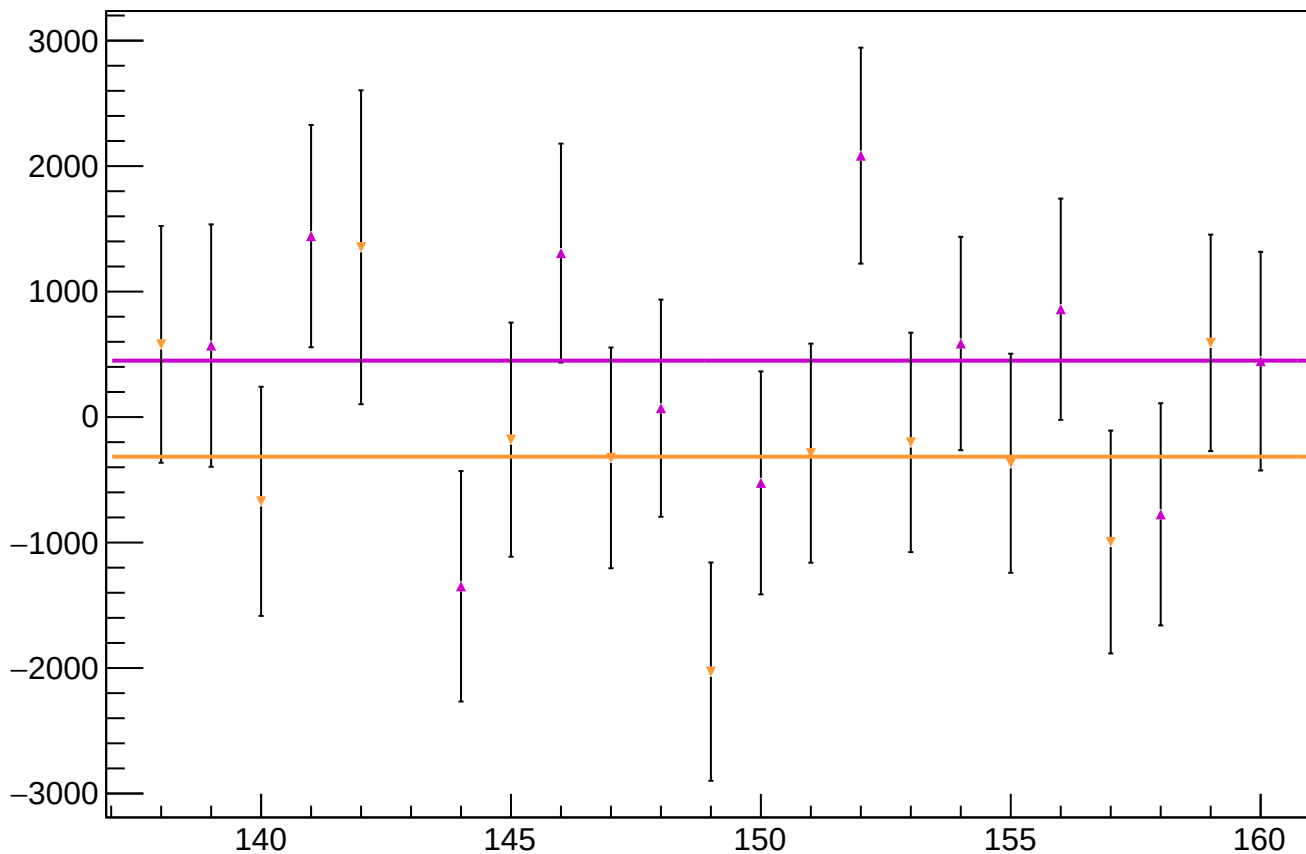
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 795.563+/-0.190 χ^2/NDF : 8492.2/10

796.436+/-0.195 χ^2/NDF : 8197.6/10

795.563+/-0.190 χ^2/NDF : 8492.2/10

cor_asym_us_dd_mean vs Slug



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

Left Out: -315.725+/-274.508 χ^2/NDF : 8.4/10

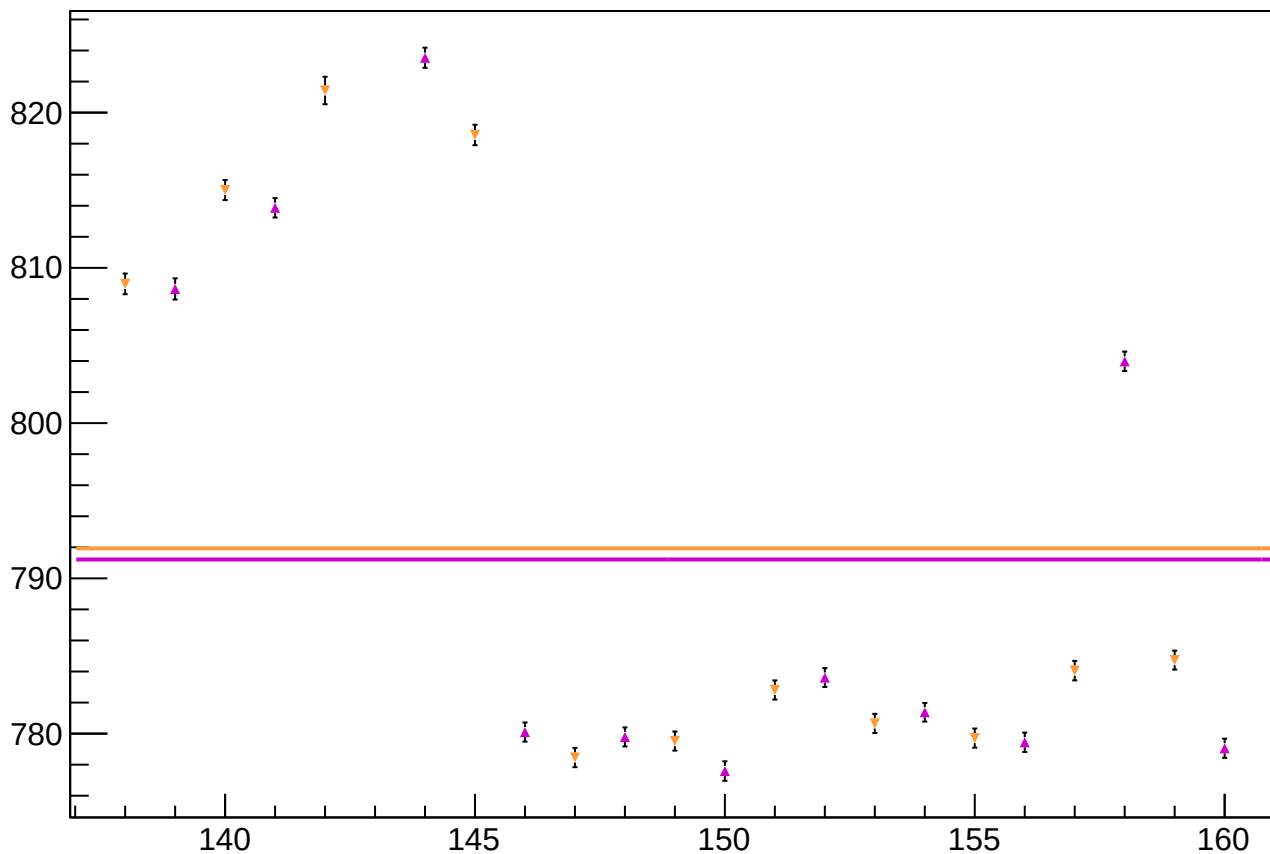
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 449.968+/-266.653 χ^2/NDF : 13.2/10

-315.725+/-274.508 χ^2/NDF : 8.4/10

449.968+/-266.653 χ^2/NDF : 13.2/10

cor_asym_us_dd_rms vs Slug



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

Left Out: 791.934+/-0.194 χ^2/NDF : 6786.9/10

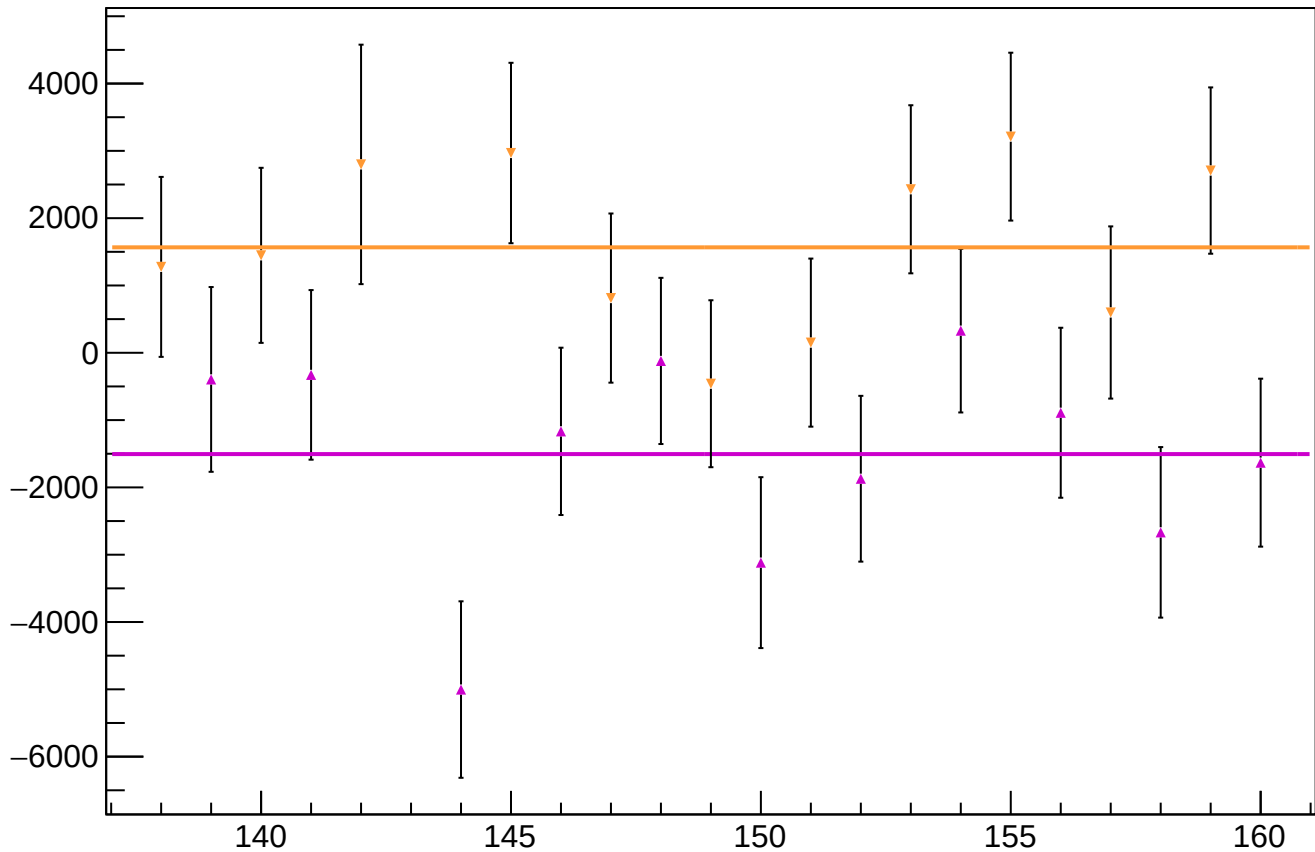
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 791.216+/-0.189 χ^2/NDF : 7167.7/10

791.934+/-0.194 χ^2/NDF : 6786.9/10

791.216+/-0.189 χ^2/NDF : 7167.7/10

cor_asym_usl_mean vs Slug



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

Left Out: 1566.656+/-392.265 χ^2/NDF : 9.6/10

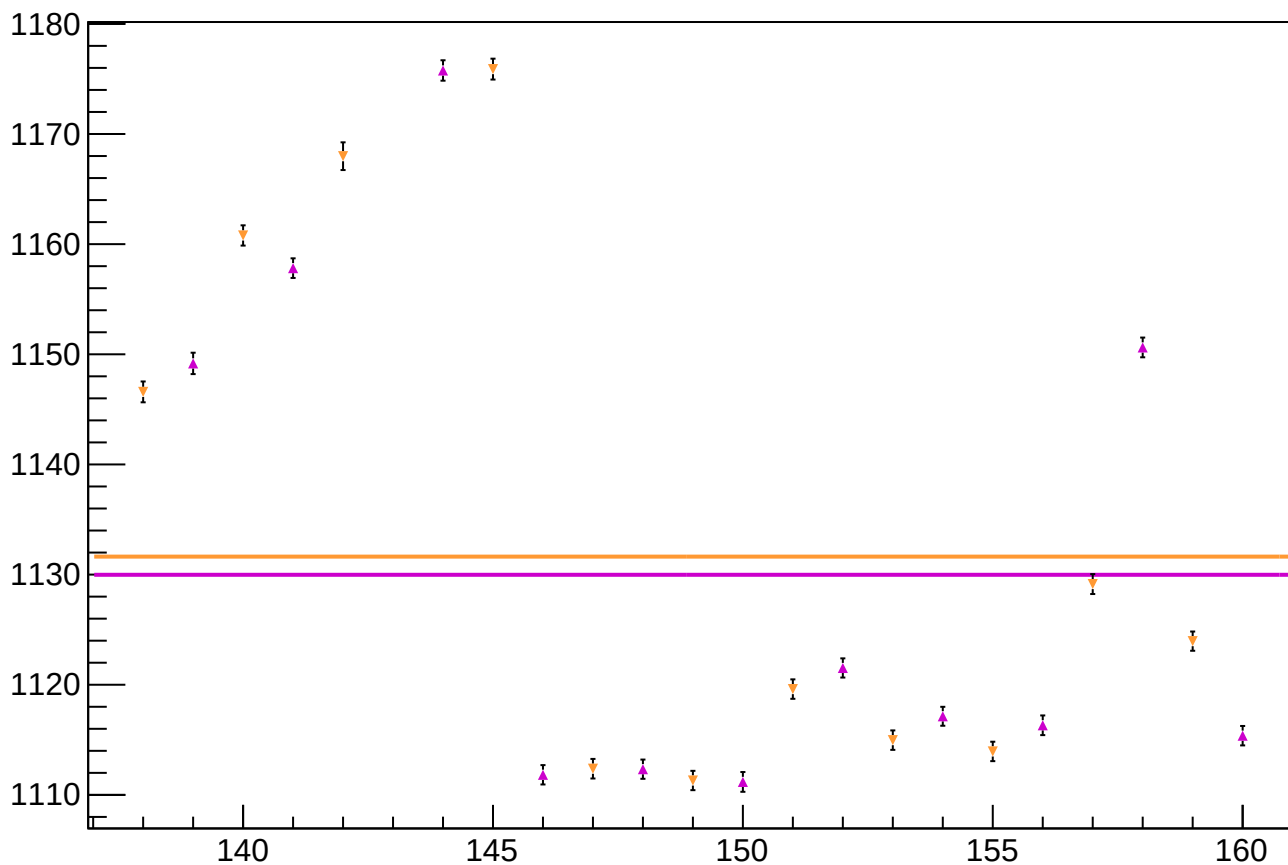
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1505.059+/-380.818 χ^2/NDF : 15.0/10

1566.656+/-392.265 χ^2/NDF : 9.6/10

-1505.059+/-380.818 χ^2/NDF : 15.0/10

cor_asym_usl_rms vs Slug



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

Left Out: 1131.632+/-0.277 χ^2/NDF : 6307.2/10

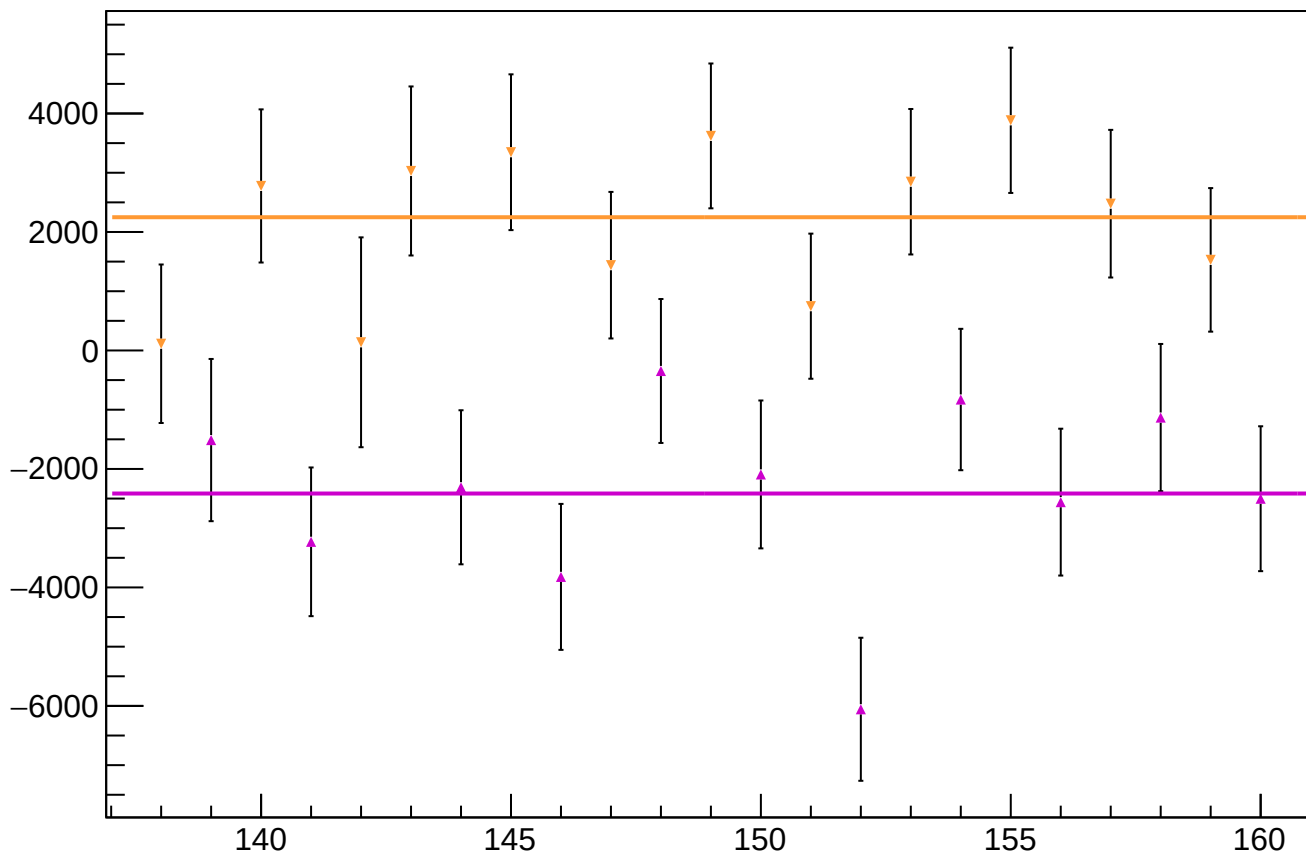
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1129.982+/-0.269 χ^2/NDF : 6437.8/10

1131.632+/-0.277 χ^2/NDF : 6307.2/10

1129.982+/-0.269 χ^2/NDF : 6437.8/10

cor_asym_usr_mean vs Slug



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

Left Out: 2249.047+/-372.970 χ^2/NDF :10.7/11

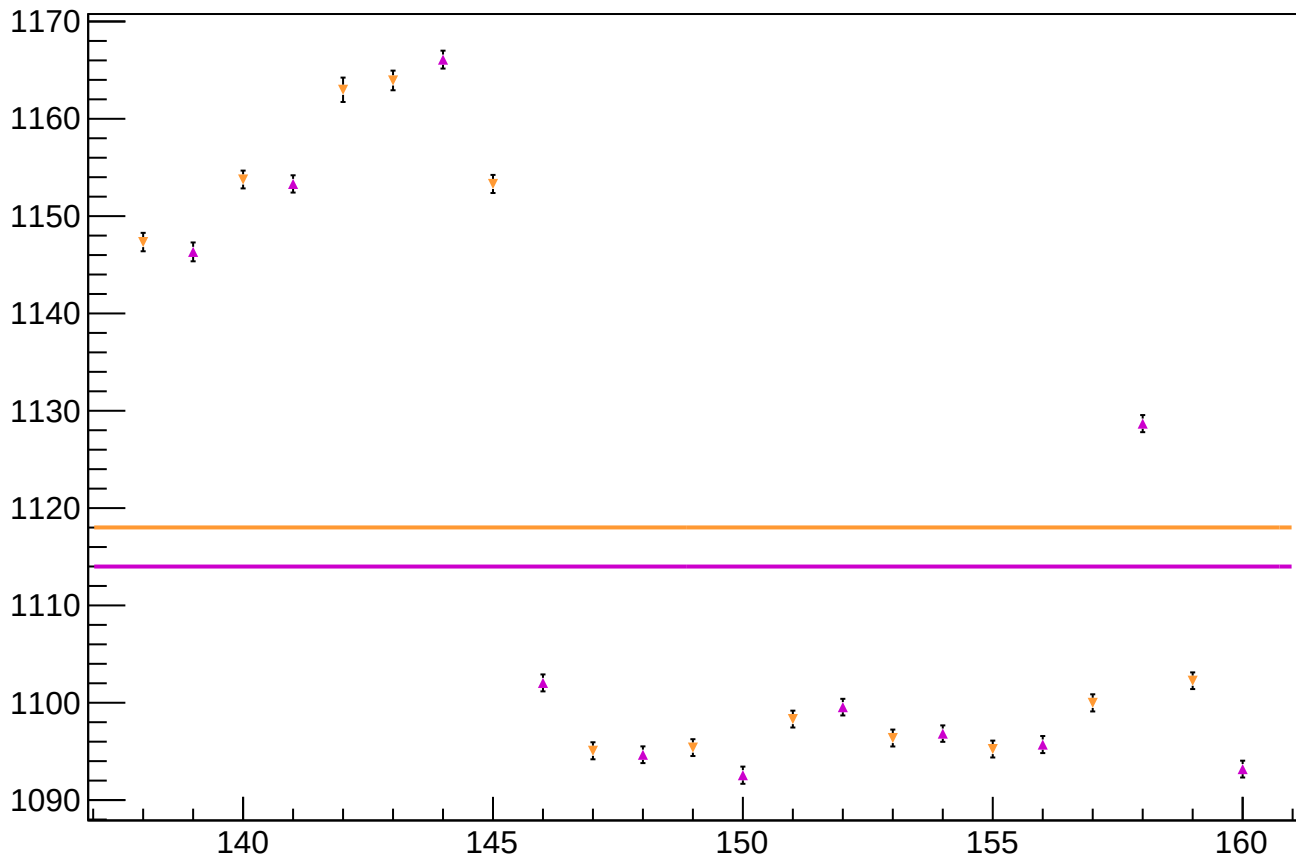
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2414.810+/-375.464 χ^2/NDF :17.1/10

2249.047+/-372.970 χ^2/NDF : 10.7/11

-2414.810+/-375.464 χ^2/NDF : 17.1/10

cor_asym_usr_rms vs Slug



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

Left Out: 1118.012+/-0.264 χ^2/NDF : 11251.3/11

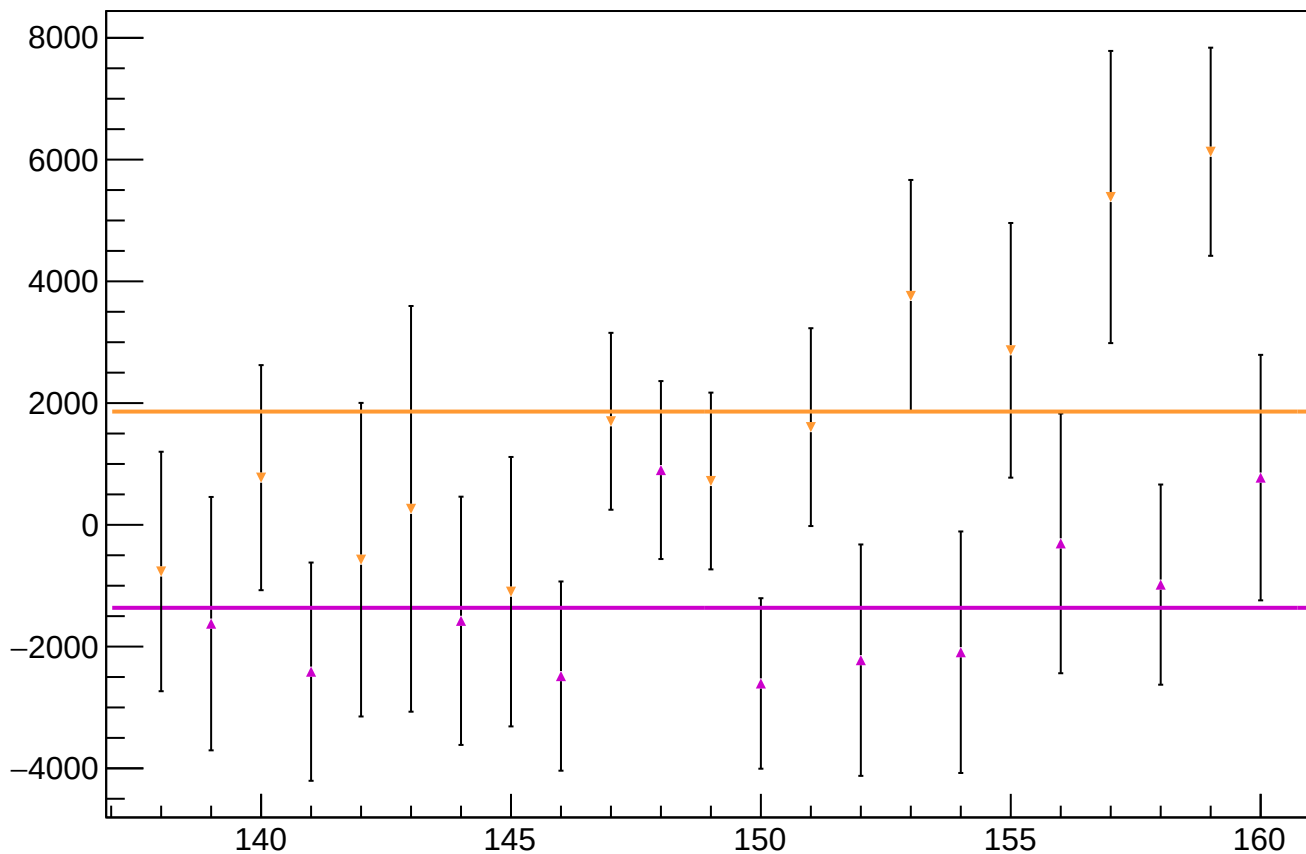
1118.012+/-0.264 χ^2/NDF : 11251.3/11

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

1113.995+/-0.265 χ^2/NDF : 9567.1/10

Left In: 1113.995+/-0.265 χ^2/NDF : 9567.1/10

asym_us_agg_avg_mean vs Slug



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

Left Out: 1860.883+/-546.995 χ^2/NDF : 15.3/11

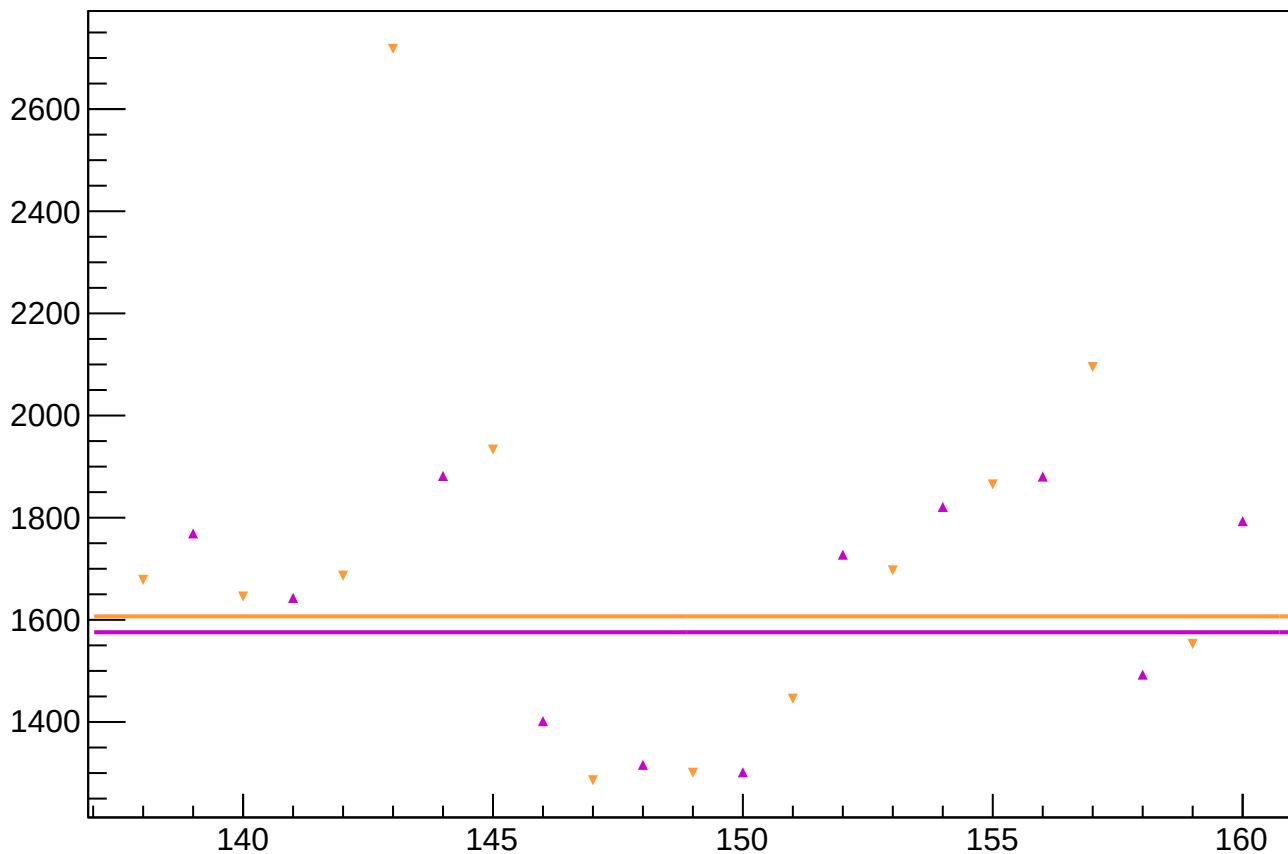
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1363.163+/-531.442 χ^2/NDF : 5.8/10

1860.883+/-546.995 χ^2/NDF : 15.3/11

-1363.163+/-531.442 χ^2/NDF : 5.8/10

asym_us_agg_avg_rms vs Slug



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

Left Out: 1606.875+/-0.387 χ^2/NDF : 597146.9/11

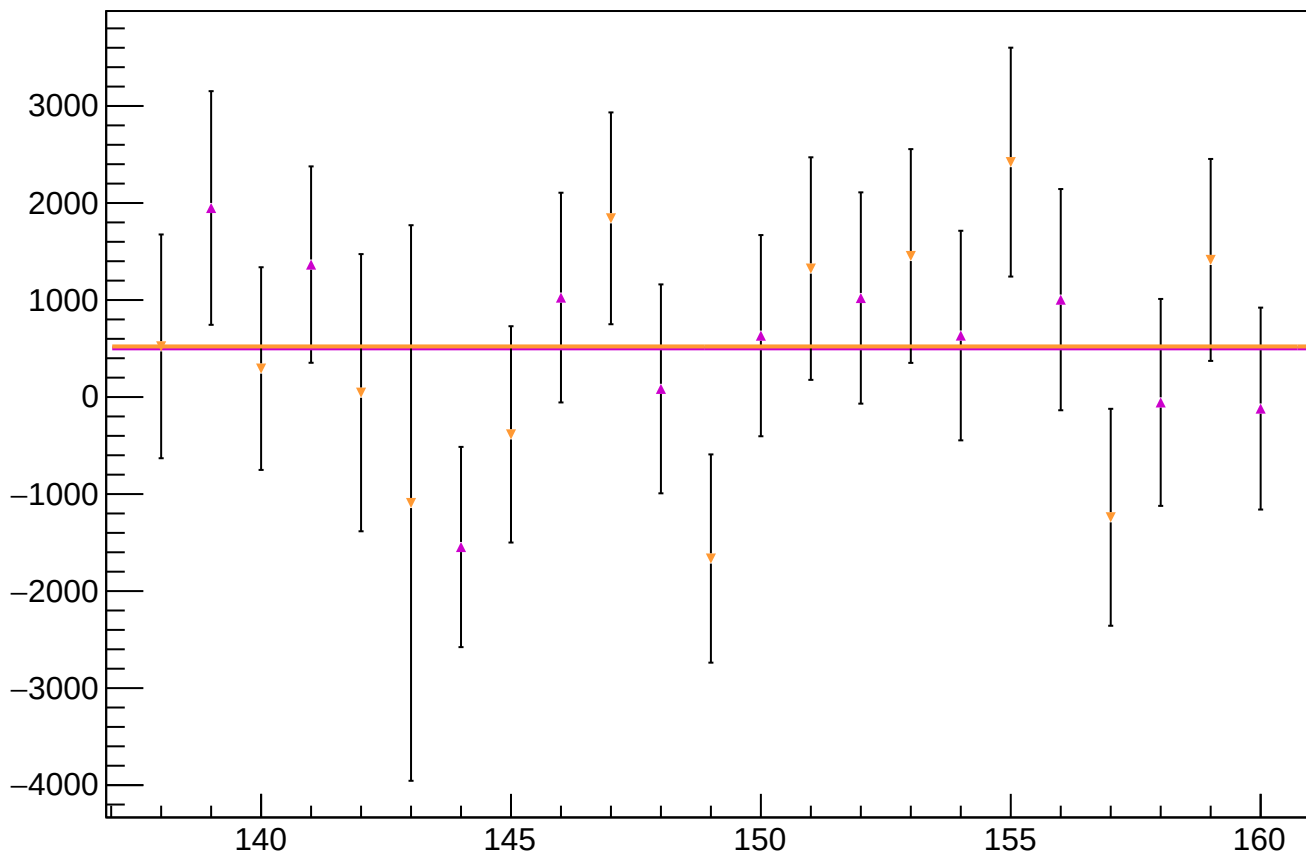
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1575.737+/-0.376 χ^2/NDF : 342470.4/10

1606.875+/-0.387 χ^2/NDF : 597146.9/11

1575.737+/-0.376 χ^2/NDF : 342470.4/10

asym_us_agg_dd_mean vs Slug



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

Left Out: 521.595+/-336.751 χ^2/NDF :13.8/11

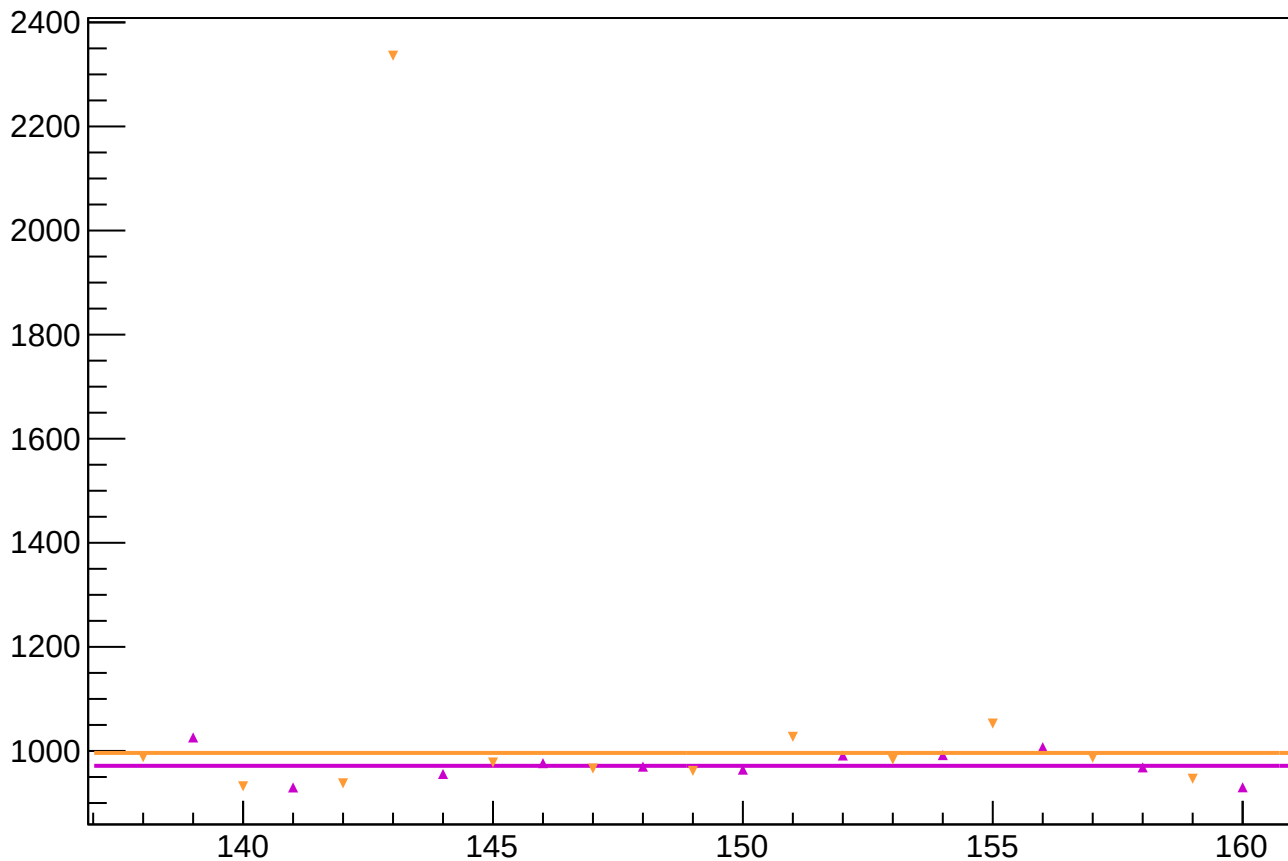
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 501.967+/-323.992 χ^2/NDF :7.6/10

521.595+/-336.751 χ^2/NDF : 13.8/11

501.967+/-323.992 χ^2/NDF : 7.6/10

asym_us_agg_dd_rms vs Slug



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

Left Out: 996.262+/-0.238 χ^2/NDF : 463936.2/11

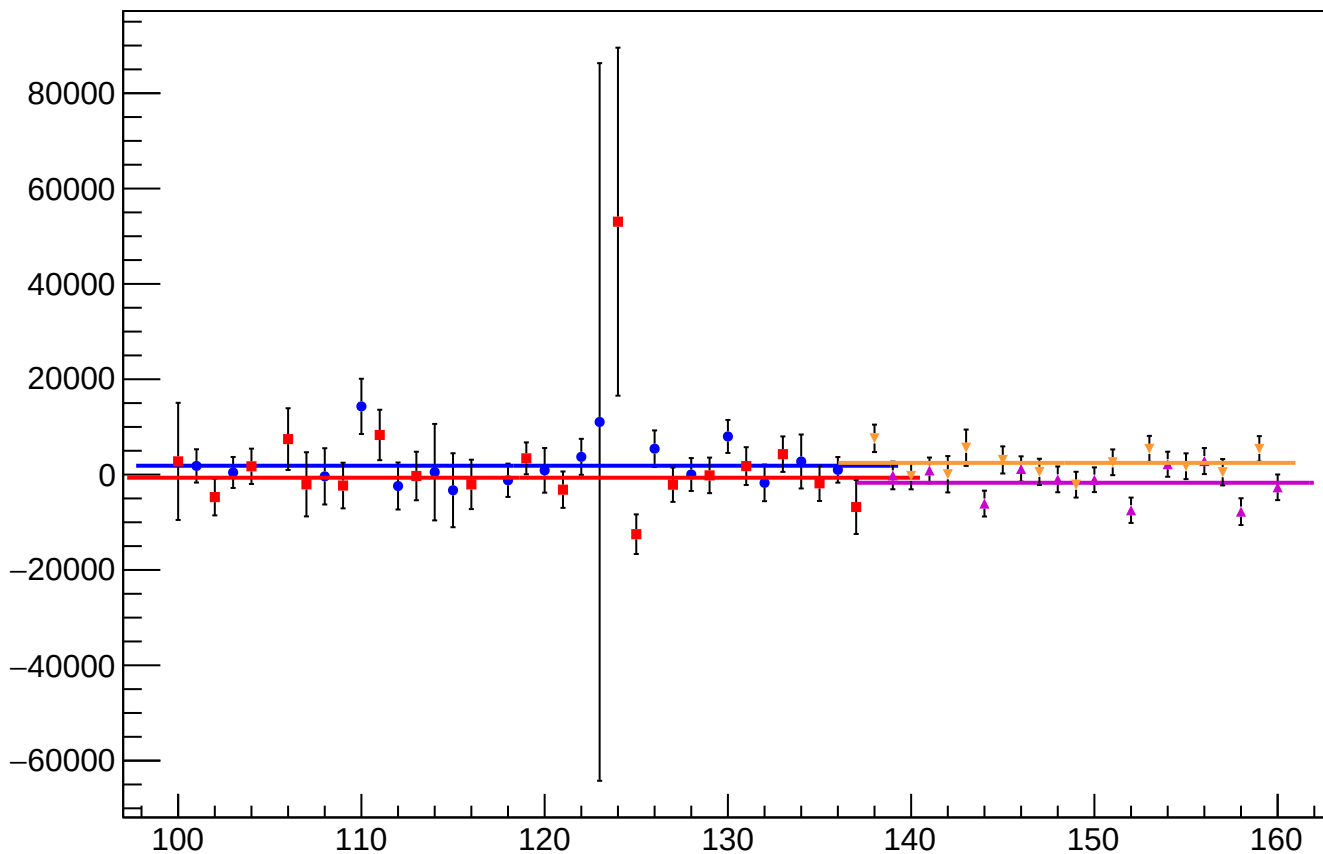
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 971.465+/-0.229 χ^2/NDF : 14601.6/10

996.262+/-0.238 χ^2/NDF : 463936.2/11

971.465+/-0.229 χ^2/NDF : 14601.6/10

reg_asym_atl1_mean vs Slug



Right In: 1859.767+/-1013.438 χ^2/NDF : 12.5/16

Left Out: 2460.608+/-828.532 χ^2/NDF : 11.5/11

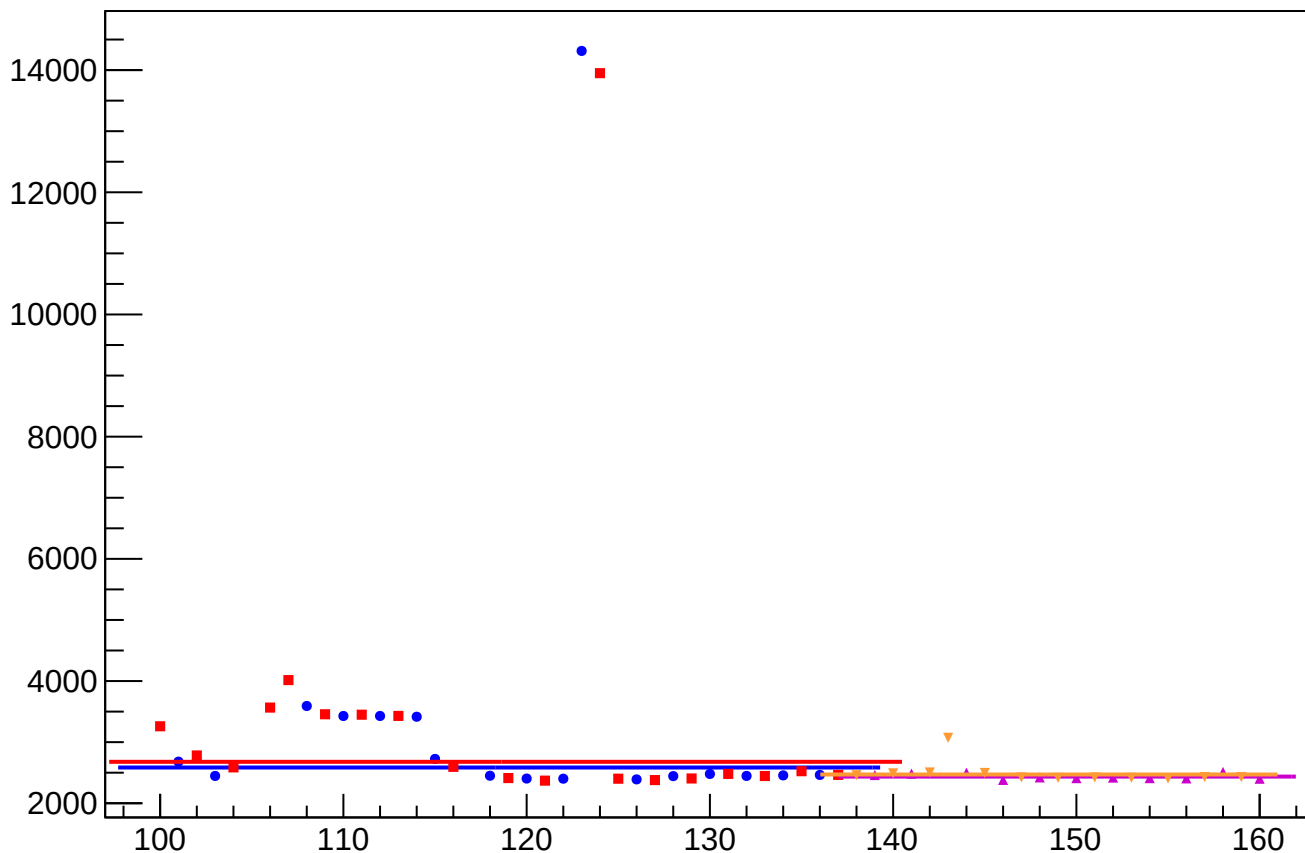
Right Out: -654.213+/-1023.772 χ^2/NDF : 22.1/18

Left In: -1711.472+/-815.149 χ^2/NDF : 19.6/10

2219.901+/-641.448 χ^2/NDF : 24.3/28

-1301.263+/-637.699 χ^2/NDF : 42.3/29

reg_asym_atl1_rms vs Slug



Right In: 2584.819+/-0.717 χ^2/NDF : 255710.5/16

Left Out: 2470.501+/-0.586 χ^2/NDF : 55127.1/11

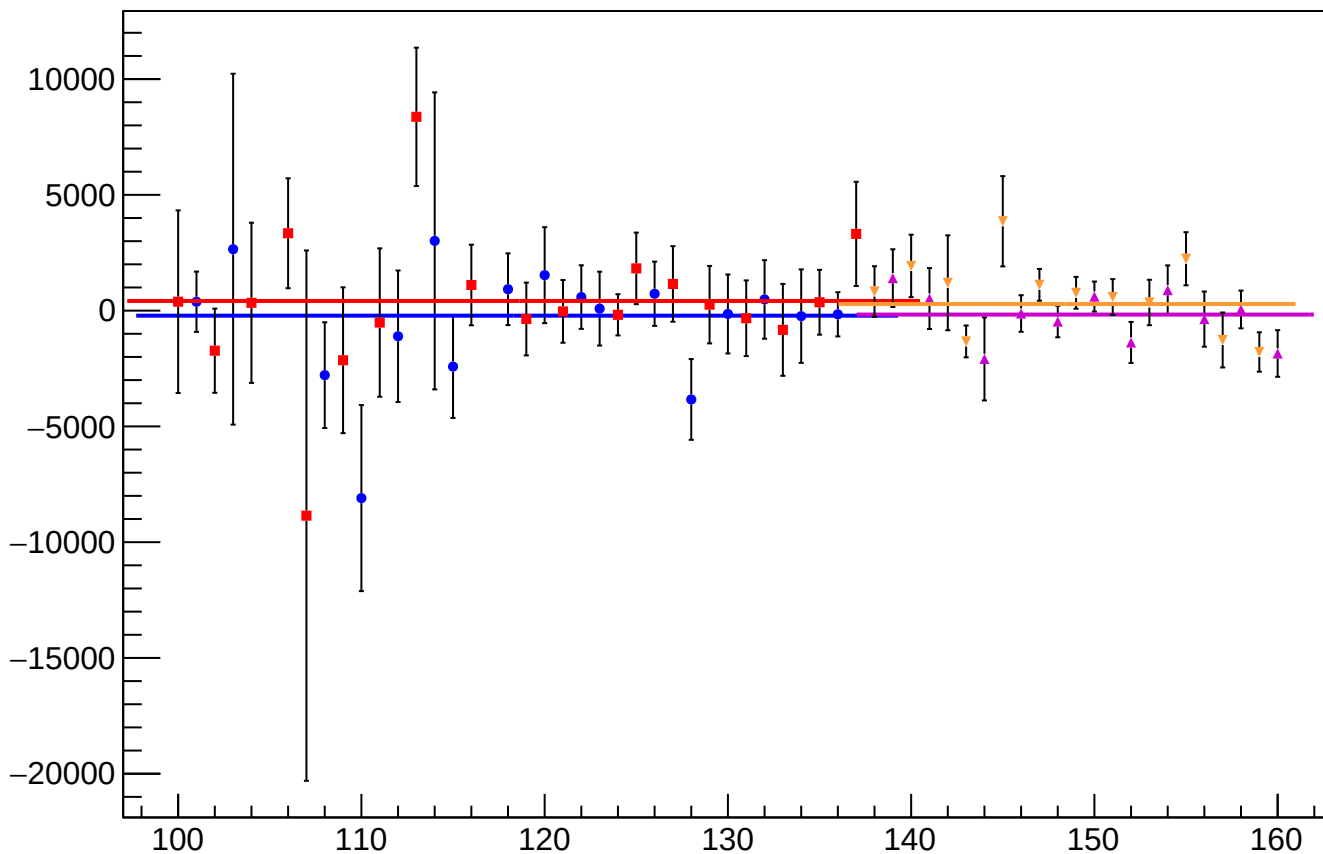
Right Out: 2678.229+/-0.724 χ^2/NDF : 532096.9/18

Left In: 2436.378+/-0.576 χ^2/NDF : 5295.4/10

2516.298+/-0.454 χ^2/NDF : 326091.0/28

2530.215+/-0.451 χ^2/NDF : 605700.5/29

asym_atl1_correction_mean vs Slug



Right In: -217.017 ± 420.077 χ^2/NDF : 13.4/16

Left Out: 284.642 ± 269.080 χ^2/NDF : 23.5/11

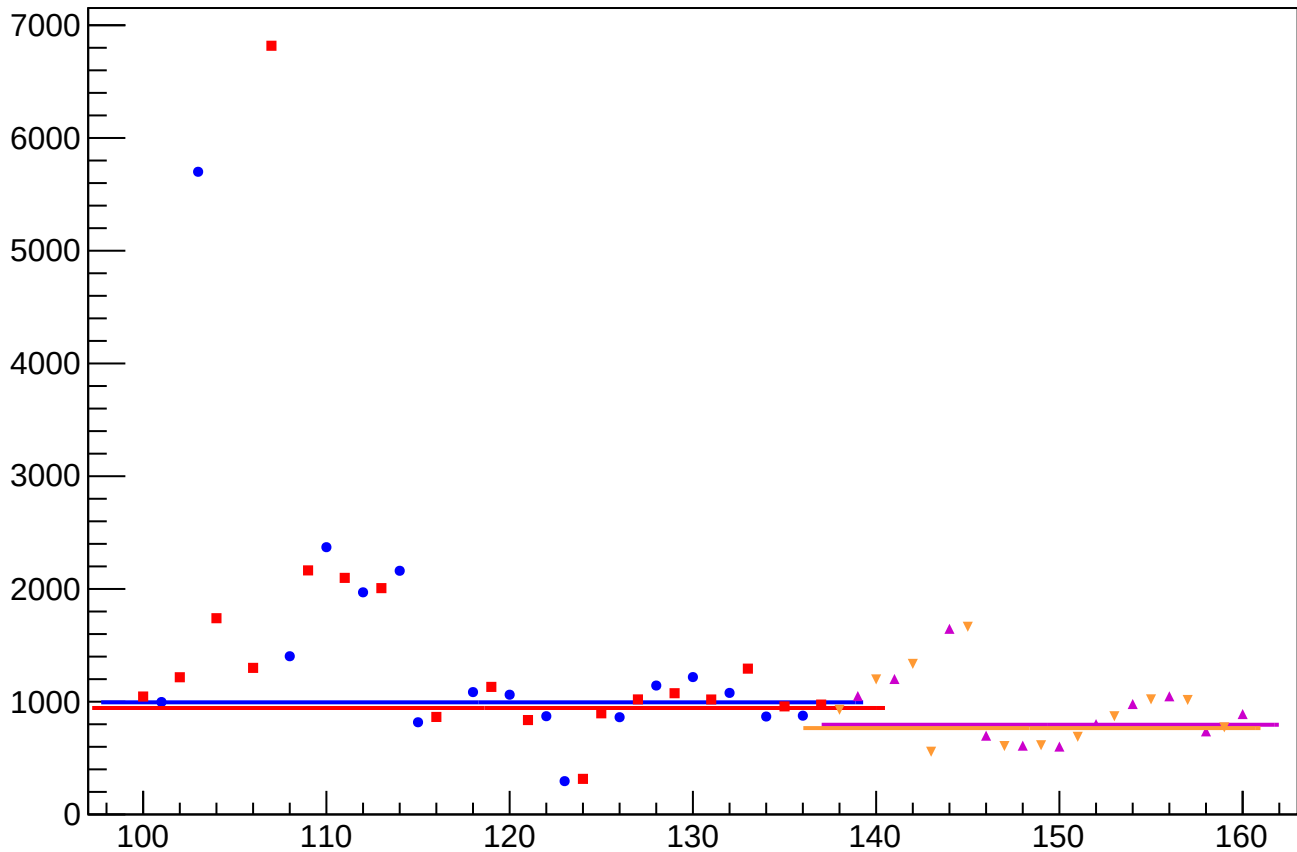
Right Out: 417.202 ± 408.976 χ^2/NDF : 15.7/18

Left In: -169.613 ± 277.214 χ^2/NDF : 10.3/10

138.694 ± 226.582 χ^2/NDF : 37.9/28

15.121 ± 229.467 χ^2/NDF : 27.4/29

asym_atl1_correction_rms vs Slug



Right In: 994.541+/-0.297 χ^2/NDF : 1904549.2/16

Left Out: 765.973+/-0.190 χ^2/NDF : 1450586.0/11

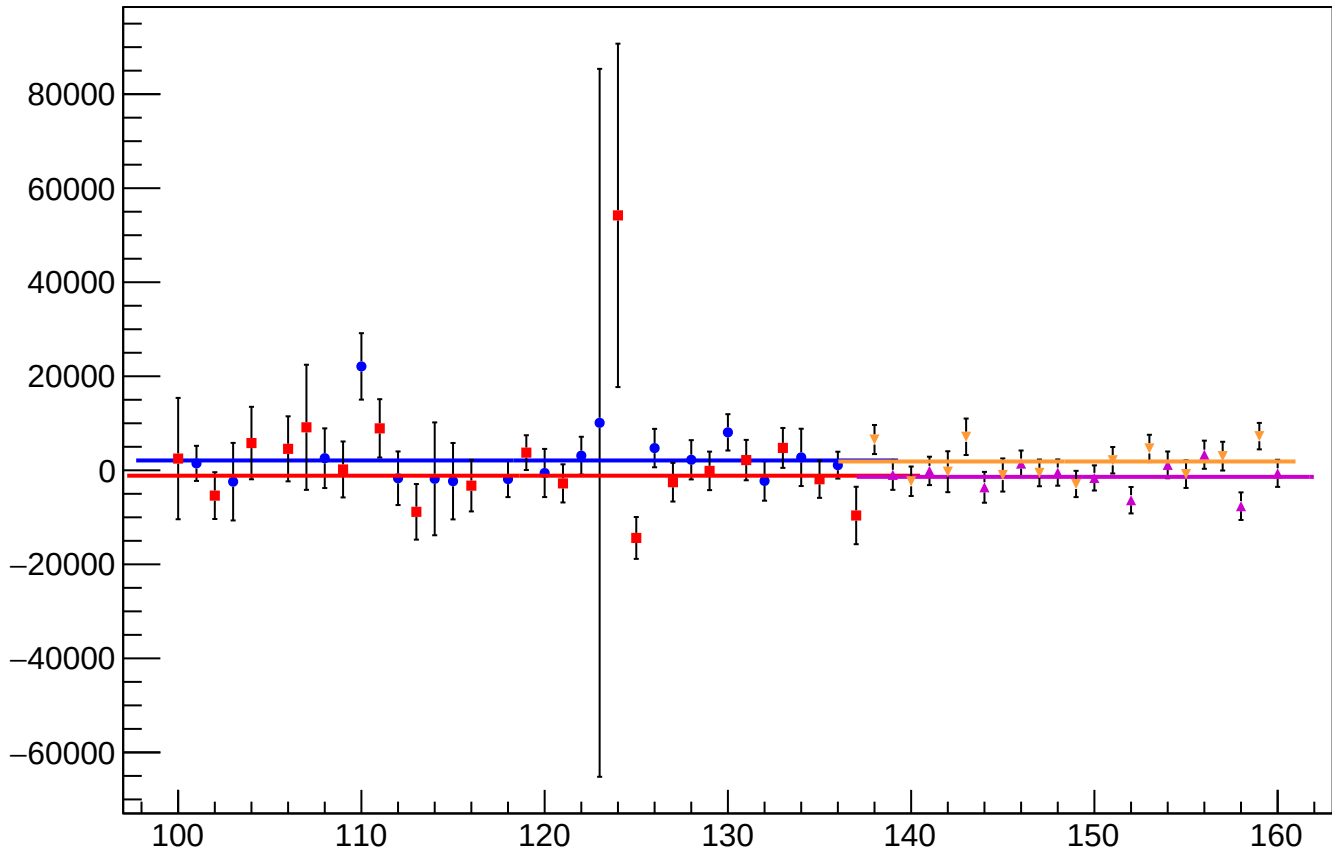
Right Out: 944.286+/-0.289 χ^2/NDF : 2666007.0/18

Left In: 795.569+/-0.196 χ^2/NDF : 1257344.9/10

832.471+/-0.160 χ^2/NDF : 3774980.4/28

842.386+/-0.162 χ^2/NDF : 4104557.0/29

asym_atl1_mean vs Slug



Right In: 2094.050+/-1160.426 χ^2/NDF : 14.6/16

Left Out: 1878.257+/-893.737 χ^2/NDF : 16.1/11

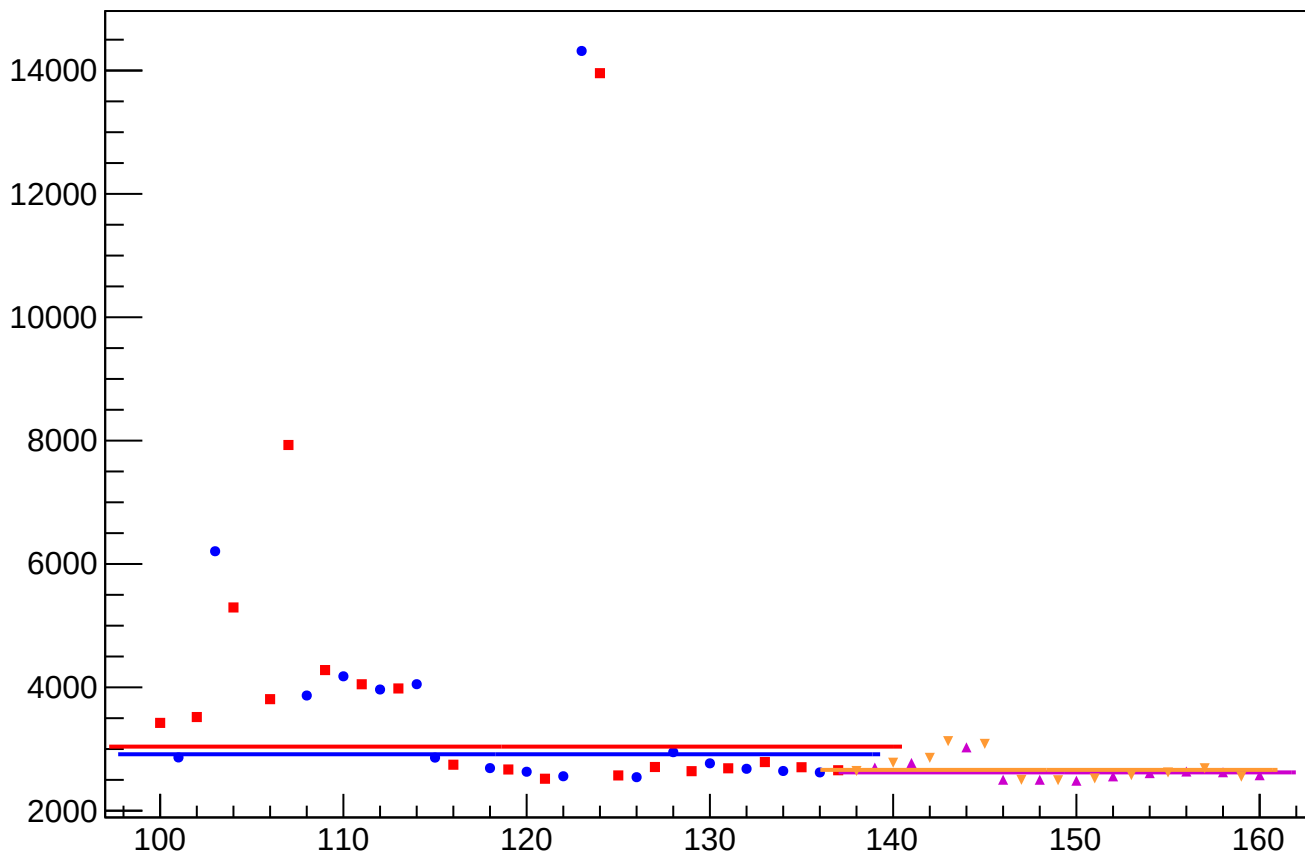
1958.602+/-708.072 χ^2/NDF : 30.7/28

Right Out: -1147.788+/-1187.007 χ^2/NDF : 25.1/18

-1307.854+/-705.989 χ^2/NDF : 38.0/29

Left In: -1395.471+/-878.205 χ^2/NDF : 12.8/10

asym_atl1_rms vs Slug



Right In: 2915.201+/-0.821 χ^2 /NDF: 639136.4/16

Left Out: 2661.937+/-0.632 χ^2 /NDF: 88133.6/11

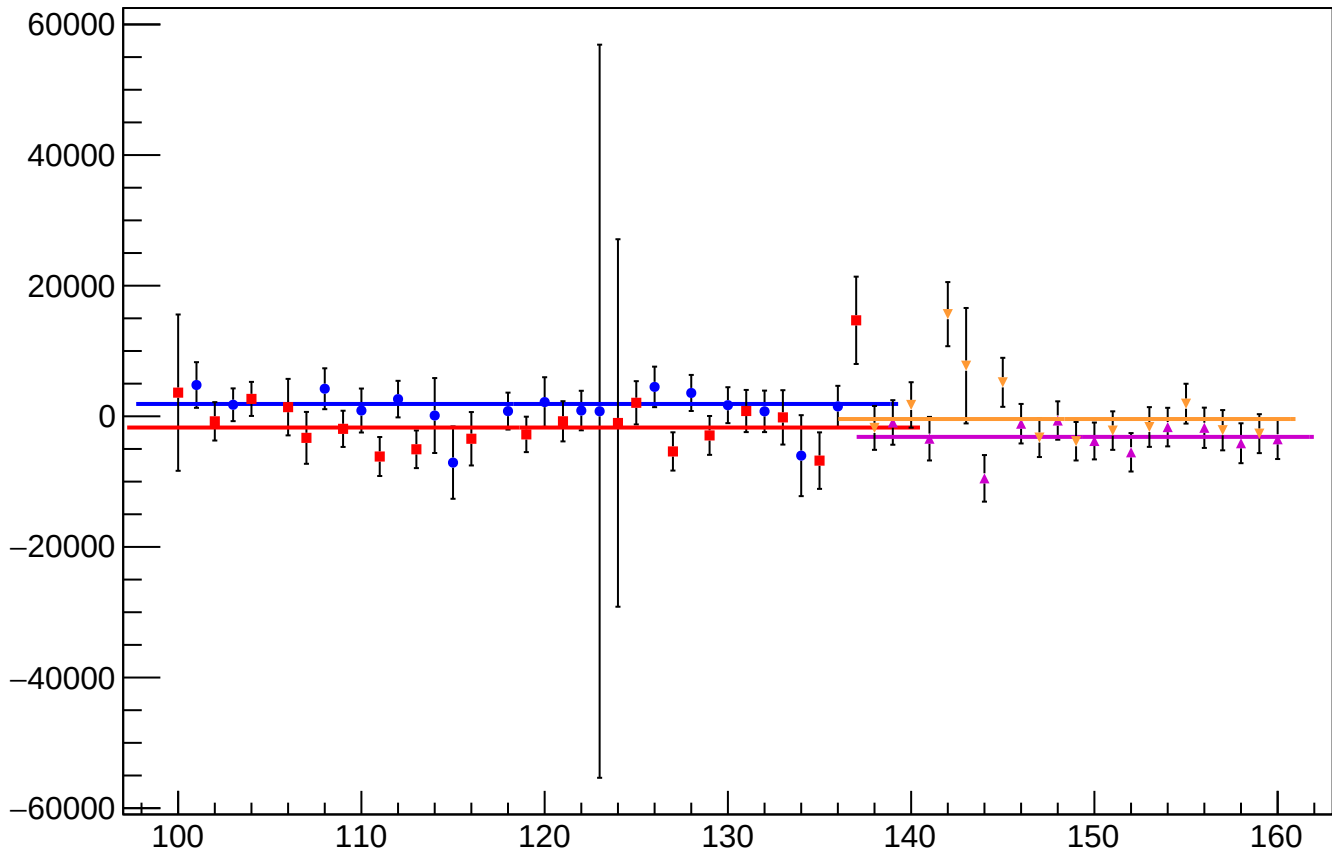
Right Out: 3039.139+/-0.839 χ^2 /NDF: 1011383.0/18

Left In: 2621.266+/-0.621 χ^2 /NDF: 50938.9/10

2756.233+/-0.501 χ^2 /NDF: 787066.6/28

2769.086+/-0.499 χ^2 /NDF: 1222504.8/29

reg_asym_atl2_mean vs Slug



Right In: 1889.943 ± 811.431 χ^2/NDF : 7.3/16

Left Out: -416.001 ± 965.527 χ^2/NDF : 18.6/11

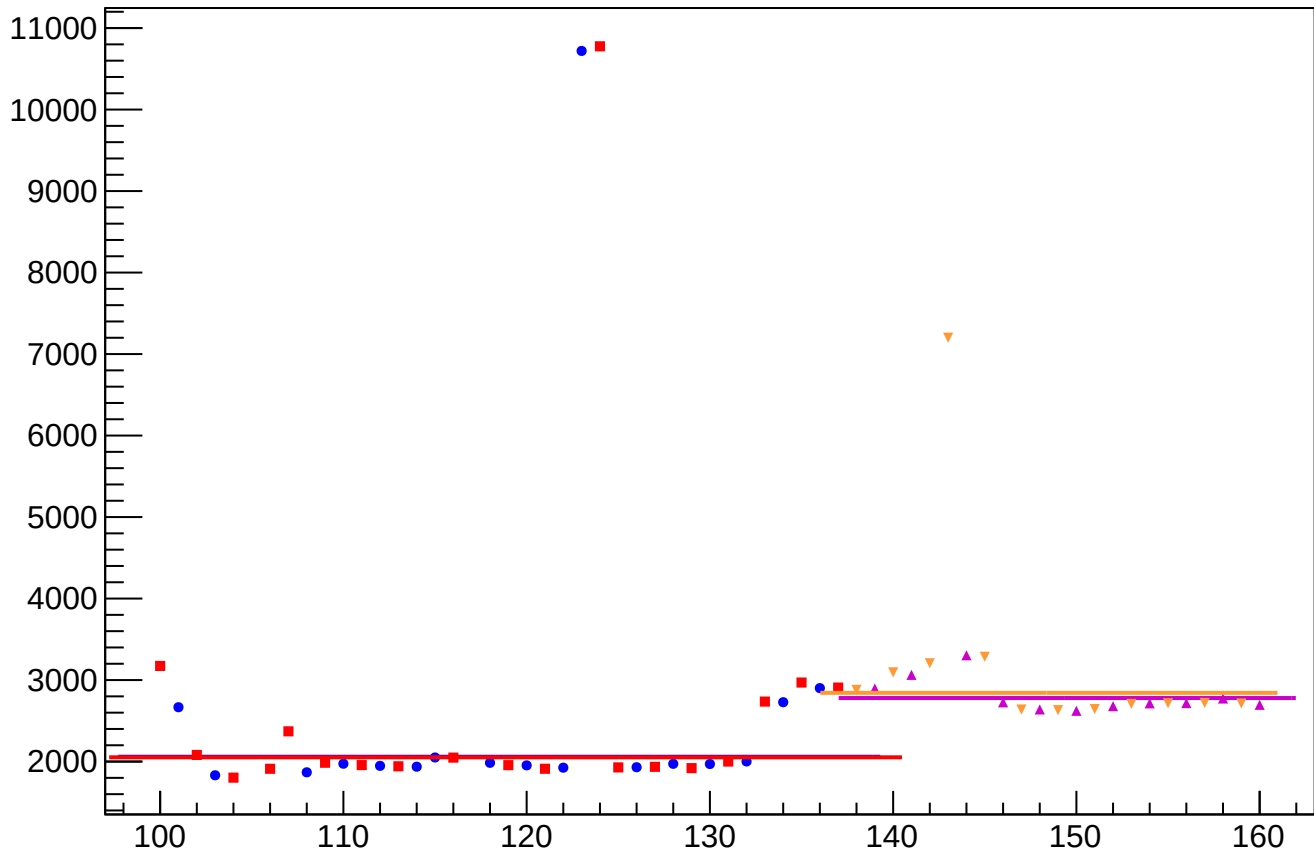
Right Out: -1719.130 ± 790.110 χ^2/NDF : 19.0/18

Left In: -3151.504 ± 929.738 χ^2/NDF : 6.0/10

935.447 ± 621.194 χ^2/NDF : 29.2/28

-2319.789 ± 602.069 χ^2/NDF : 26.4/29

reg_asym_atl2_rms vs Slug



Right In: 2058.963+/-0.574 χ^2/NDF : 318561.5/16

Left Out: 2843.143+/-0.683 χ^2/NDF : 579095.8/11

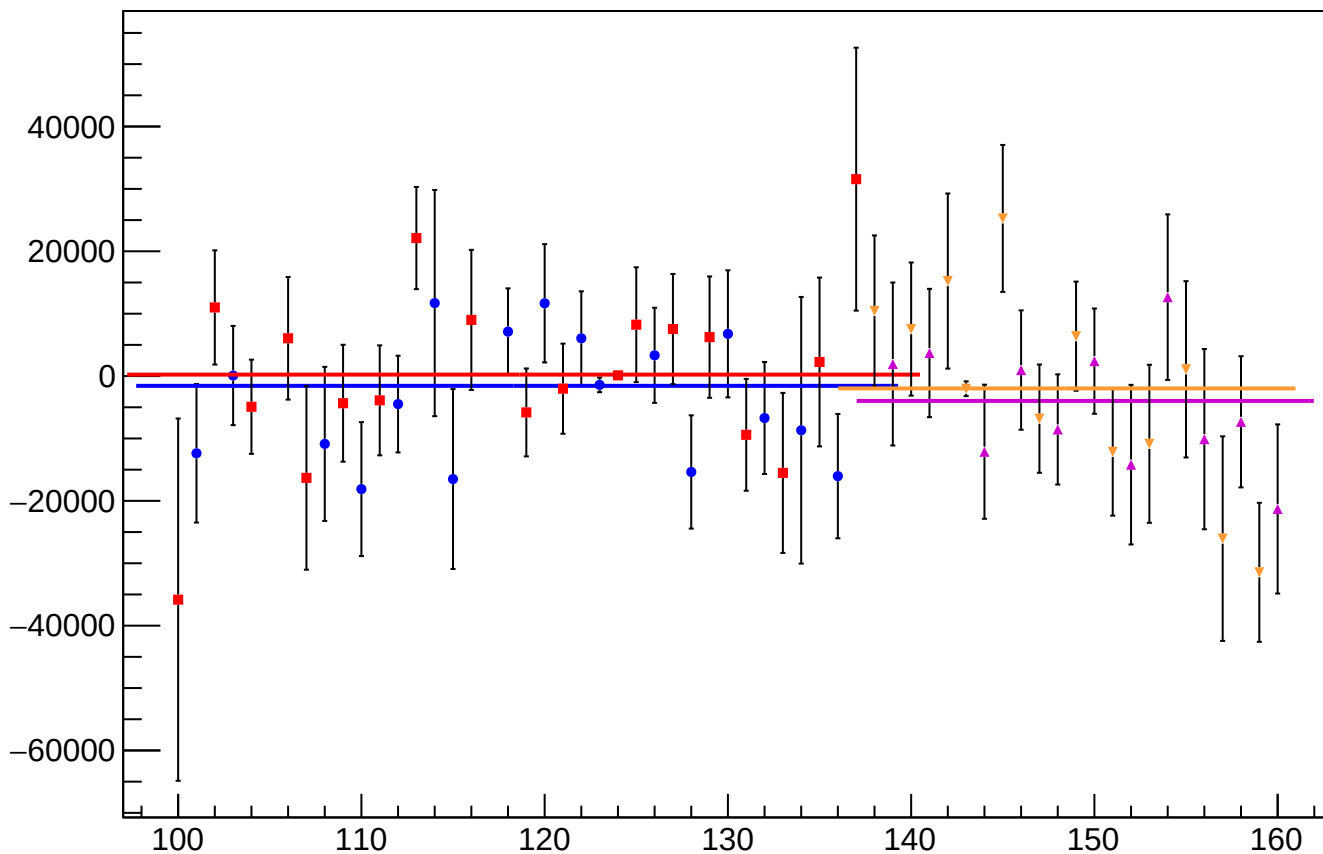
Right Out: 2052.260+/-0.559 χ^2/NDF : 443321.6/18

Left In: 2779.569+/-0.657 χ^2/NDF : 77068.1/10

2383.557+/-0.439 χ^2/NDF : 1670842.7/28

2357.252+/-0.426 χ^2/NDF : 1231058.5/29

asym_atl2_correction_mean vs Slug



Right In: -1563.218 ± 1053.946 χ^2/NDF : 16.2/16

Left Out: -1979.250 ± 1116.765 χ^2/NDF : 20.6/11

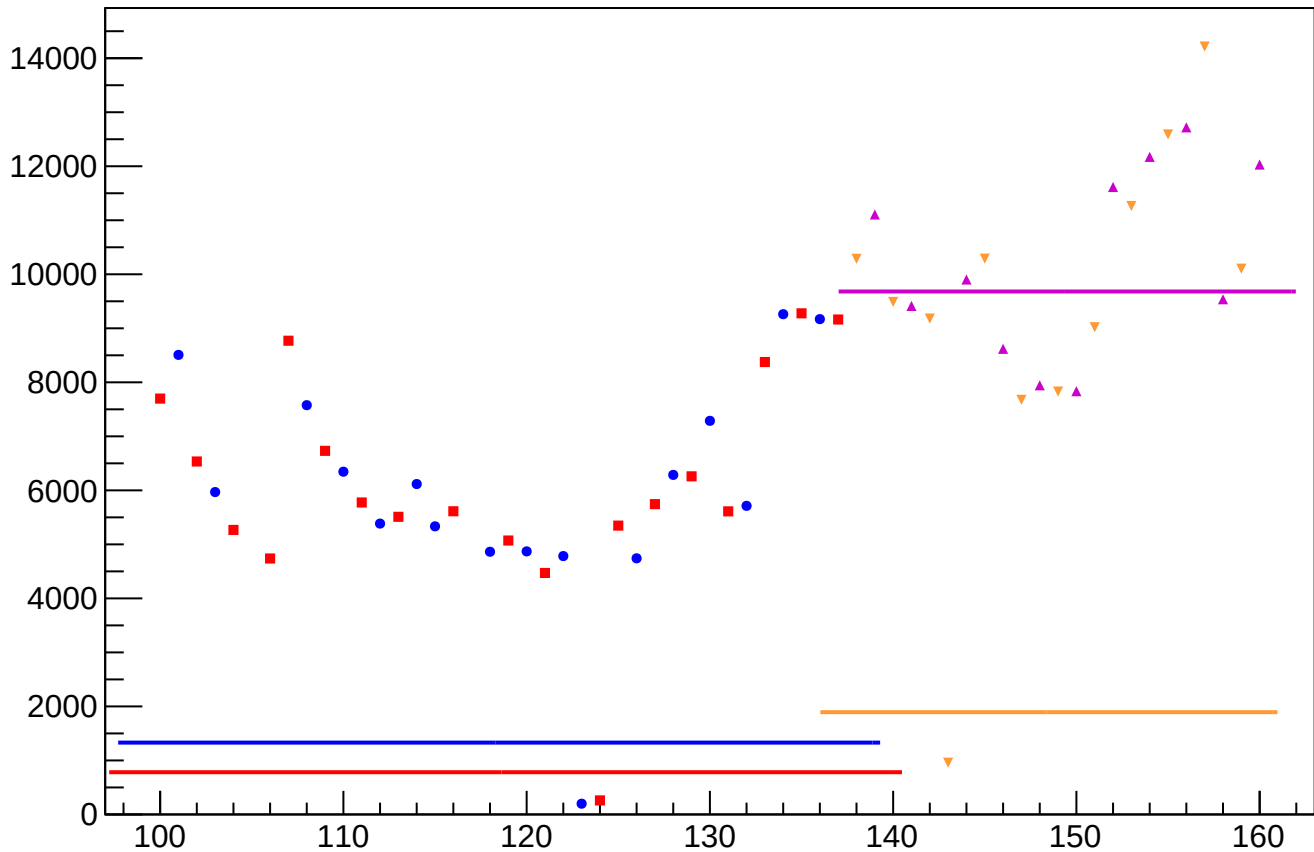
Right Out: 236.197 ± 695.167 χ^2/NDF : 20.8/18

Left In: -3982.657 ± 3281.551 χ^2/NDF : 6.6/10

-1759.204 ± 766.498 χ^2/NDF : 36.9/28

55.001 ± 680.075 χ^2/NDF : 29.0/29

asym_atl2_correction_rms vs Slug



Right In: 1330.250+/-0.745 χ^2/NDF : 10046828.9/16

Left Out: 1893.087+/-0.790 χ^2/NDF : 12019135.0/11

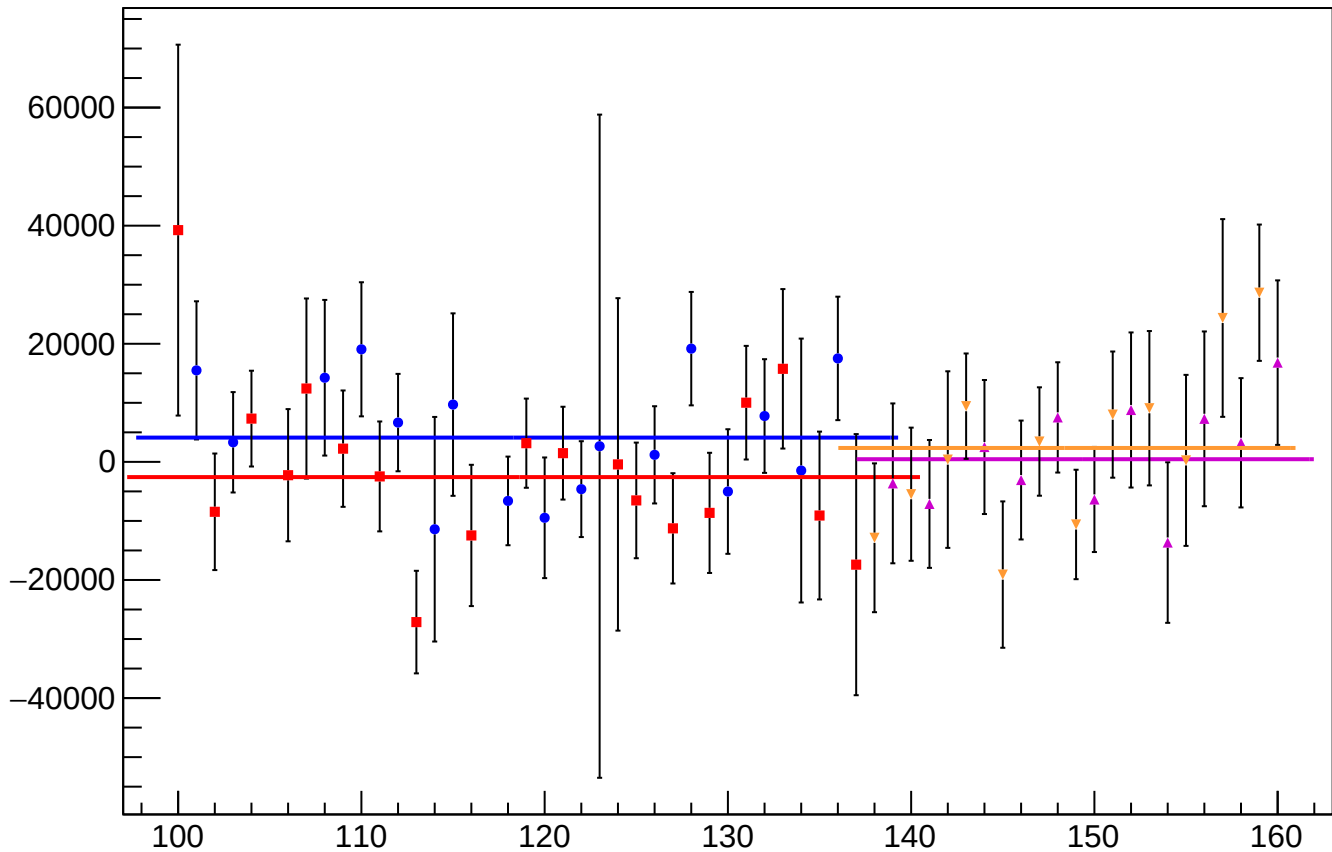
Right Out: 781.848+/-0.492 χ^2/NDF : 11439893.7/18

Left In: 9681.290+/-2.320 χ^2/NDF : 489044.2/10

1595.394+/-0.542 χ^2/NDF : 22334657.6/28

1164.072+/-0.481 χ^2/NDF : 26006656.5/29

asym_atl2_mean vs Slug



Right In: 4111.784 ± 2534.444 χ^2/NDF : 14.3/16

Left Out: 2356.043 ± 3302.553 χ^2/NDF : 15.0/11

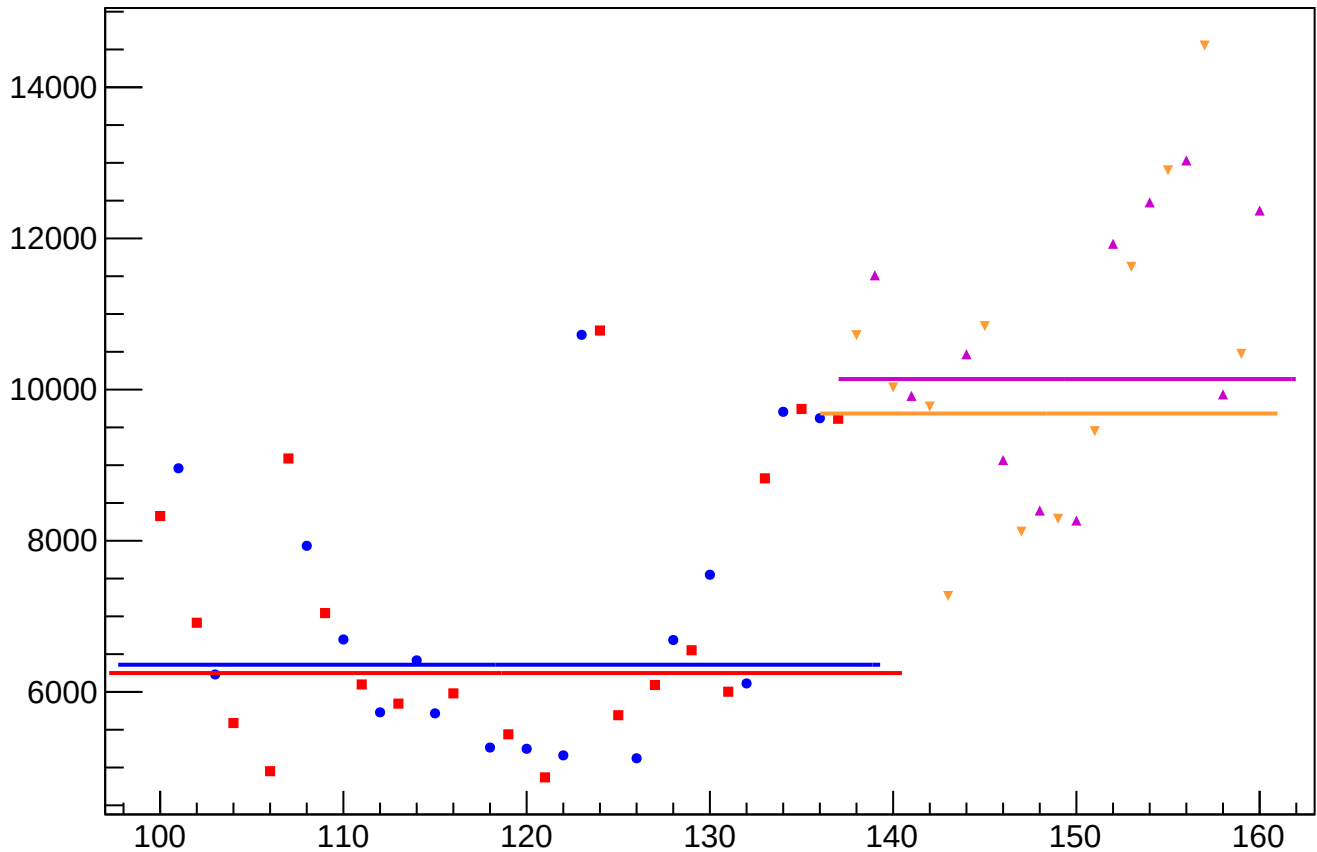
Right Out: -2577.719 ± 2420.480 χ^2/NDF : 20.0/18

Left In: 451.742 ± 3430.310 χ^2/NDF : 5.0/10

3461.024 ± 2010.620 χ^2/NDF : 29.5/28

-1570.739 ± 1977.703 χ^2/NDF : 25.5/29

asym_atl2_rms vs Slug



Right In: 6359.928+/-1.792 χ^2/NDF : 580471.0/16

Left Out: 9683.674+/-2.335 χ^2/NDF : 604840.1/11

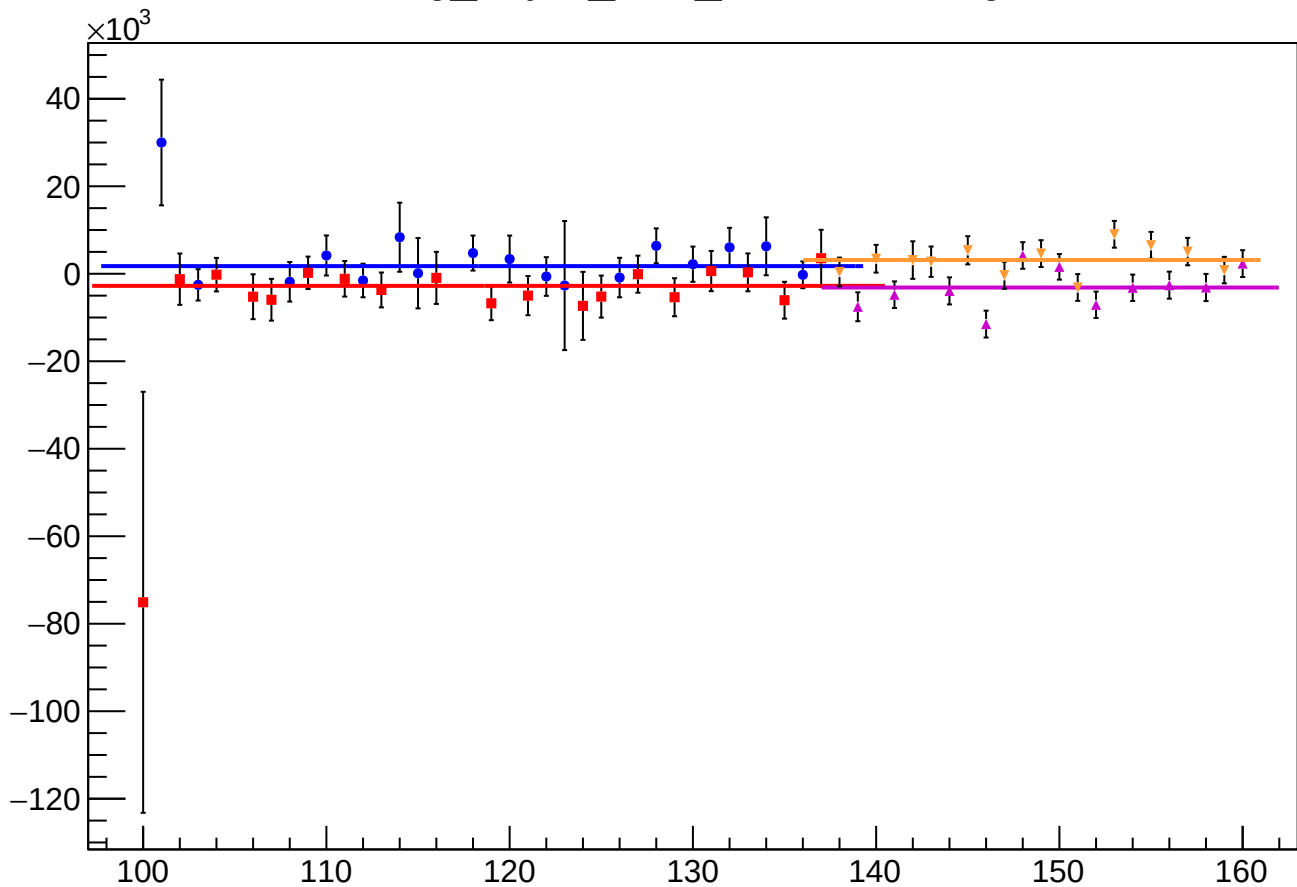
Right Out: 6250.049+/-1.711 χ^2/NDF : 532966.2/18

Left In: 10139.767+/-2.426 χ^2/NDF : 428264.2/10

7591.857+/-1.422 χ^2/NDF : 2460228.2/28

7542.895+/-1.398 χ^2/NDF : 2678078.6/29

reg_asym_atr1_mean vs Slug



Right In: 1746.001 ± 1128.522 χ^2/NDF : 12.2/16

Left Out: 3152.692 ± 924.996 χ^2/NDF : 12.8/11

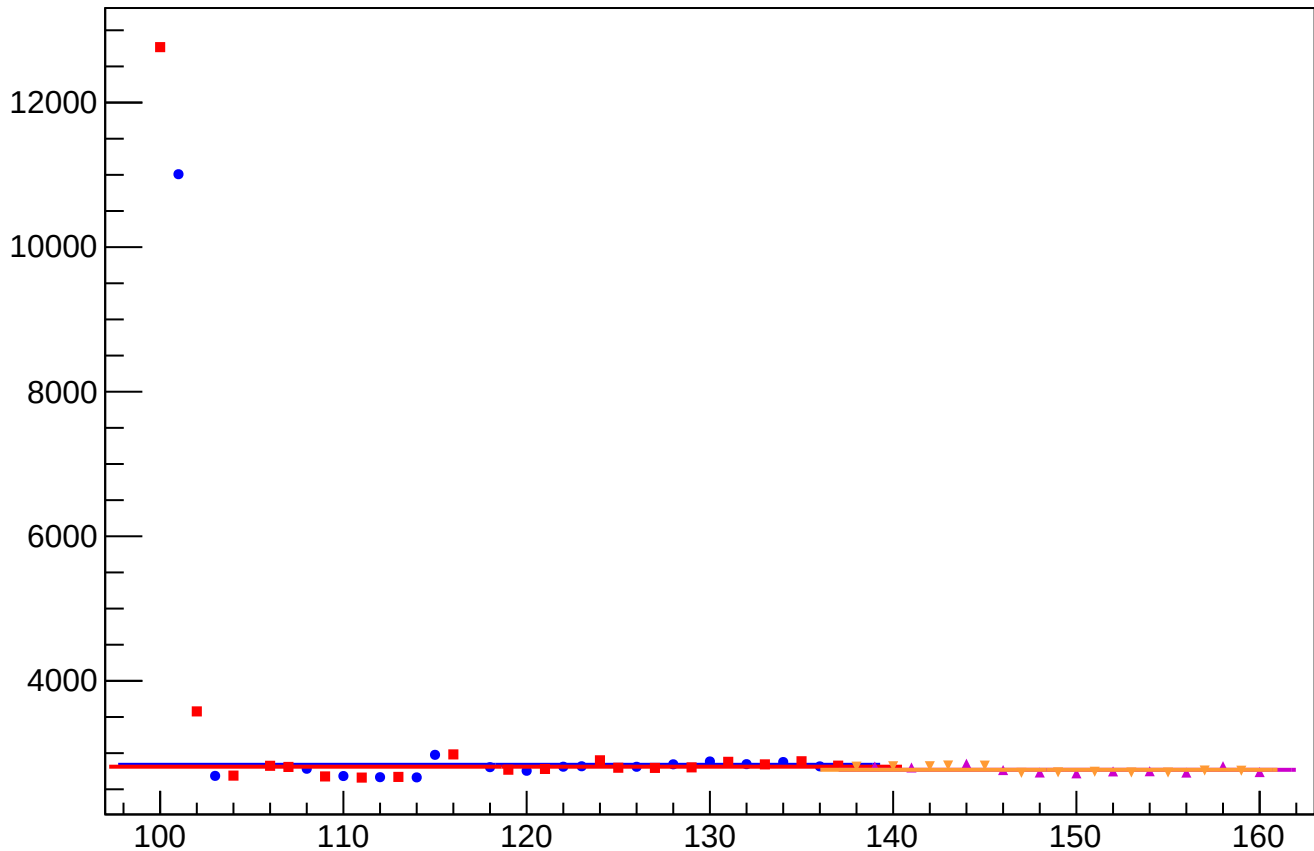
Right Out: -2763.863 ± 1071.947 χ^2/NDF : 9.7/18

Left In: -3146.373 ± 924.600 χ^2/NDF : 22.9/10

2587.409 ± 715.391 χ^2/NDF : 25.9/28

-2983.194 ± 700.137 χ^2/NDF : 32.6/29

reg_asym_atr1_rms vs Slug



Right In: 2838.737+/-0.798 χ^2/NDF : 660209.3/16

Left Out: 2769.959+/-0.654 χ^2/NDF : 3777.5/11

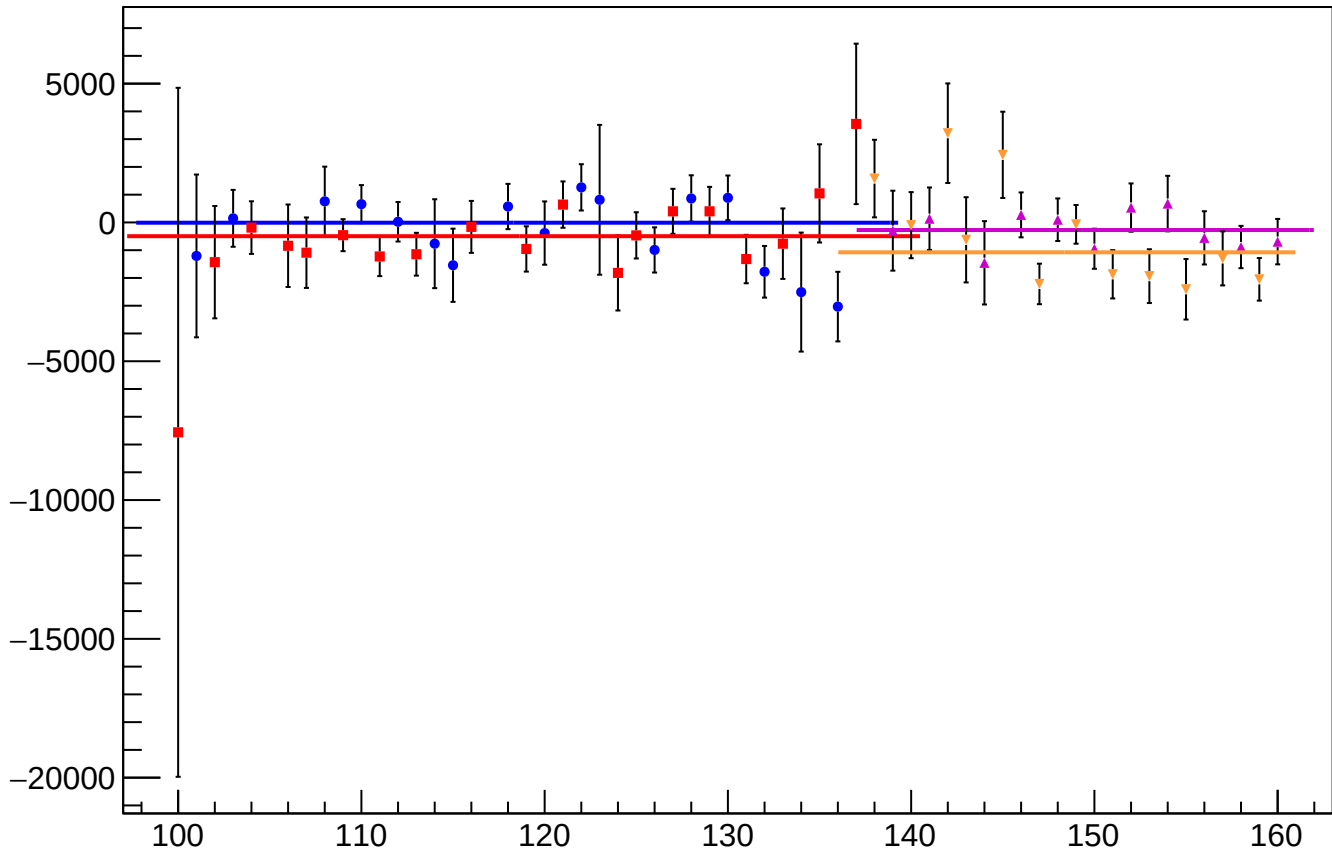
Right Out: 2812.627+/-0.758 χ^2/NDF : 133064.0/18

Left In: 2769.486+/-0.654 χ^2/NDF : 4191.9/10

2797.598+/-0.506 χ^2/NDF : 668430.2/28

2787.890+/-0.495 χ^2/NDF : 139113.4/29

asym_atr1_correction_mean vs Slug



Right In: -9.845 ± 241.678 χ^2/NDF : 20.7/16

Left Out: -1076.342 ± 285.251 χ^2/NDF : 24.5/11

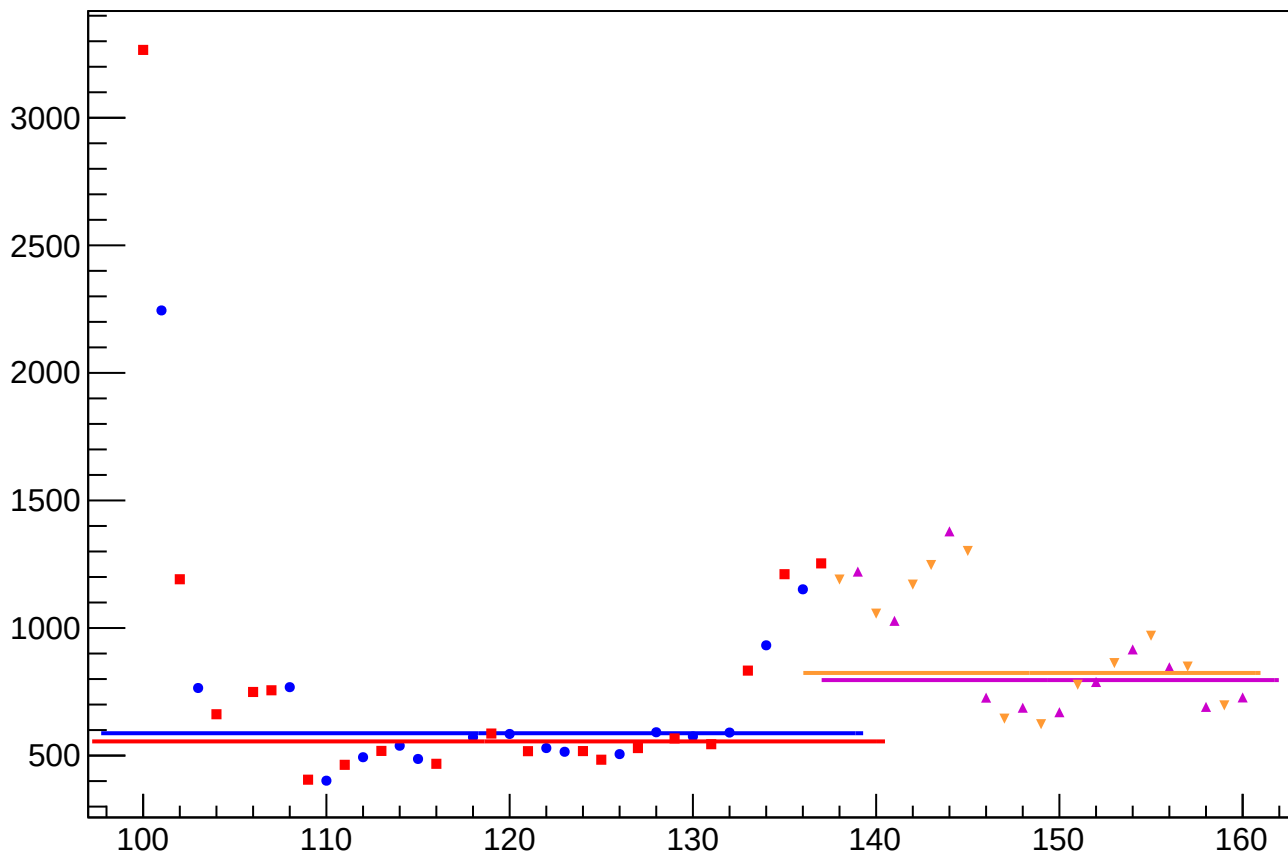
Right Out: -495.250 ± 221.487 χ^2/NDF : 11.9/18

Left In: -273.478 ± 272.271 χ^2/NDF : 5.1/10

-455.502 ± 184.394 χ^2/NDF : 53.3/28

-406.935 ± 171.817 χ^2/NDF : 17.3/29

asym_atr1_correction_rms vs Slug



Right In: 587.596+/-0.171 χ^2/NDF : 1425769.6/16

Left Out: 823.871+/-0.202 χ^2/NDF : 1017260.2/11

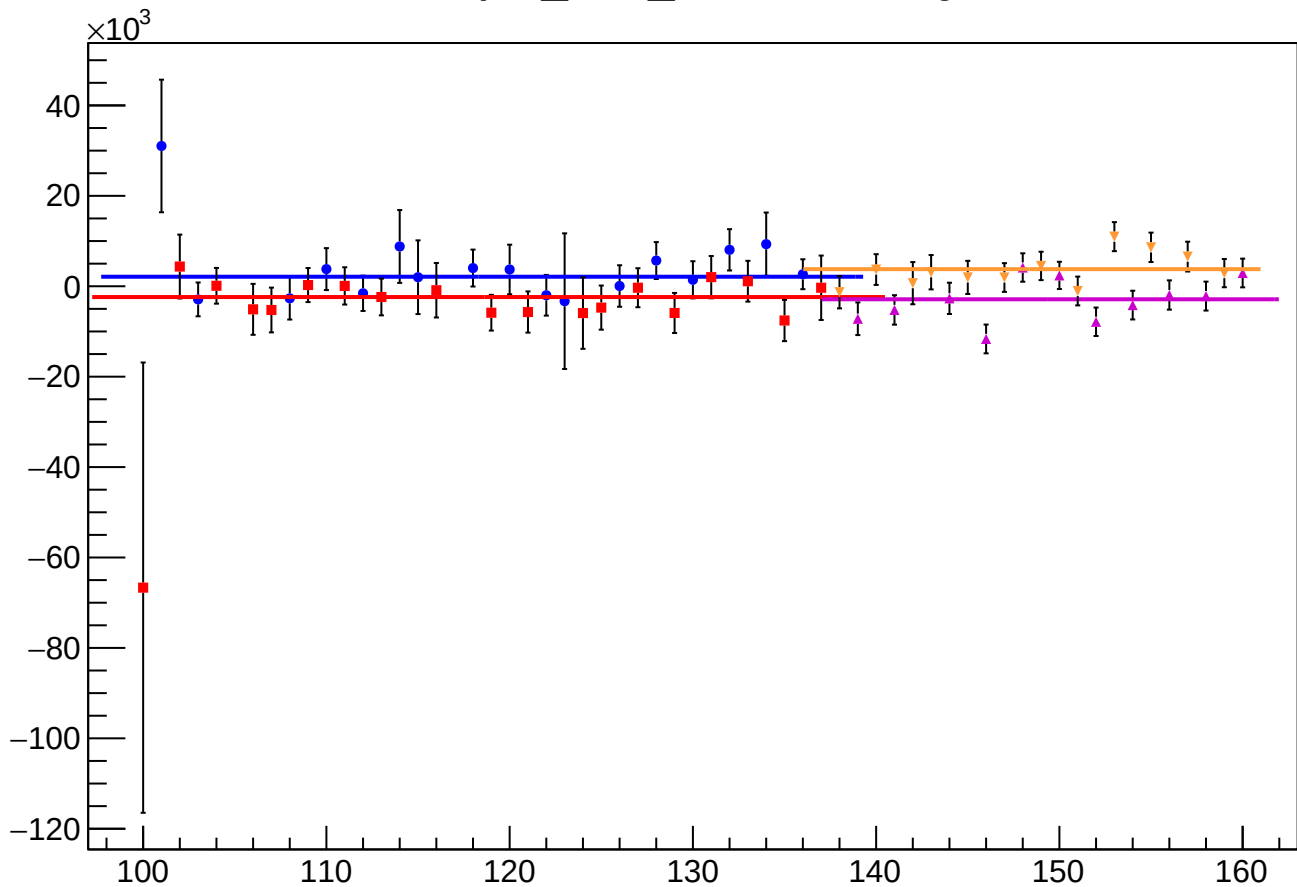
Right Out: 555.534+/-0.157 χ^2/NDF : 1106760.5/18

Left In: 795.912+/-0.193 χ^2/NDF : 762852.8/10

686.328+/-0.130 χ^2/NDF : 3241814.7/28

651.259+/-0.121 χ^2/NDF : 2807723.0/29

asym_atr1_mean vs Slug



Right In: 2108.498+/-1164.336 χ^2/NDF : 13.5/16

Left Out: 3783.855+/-981.161 χ^2/NDF :13.4/11

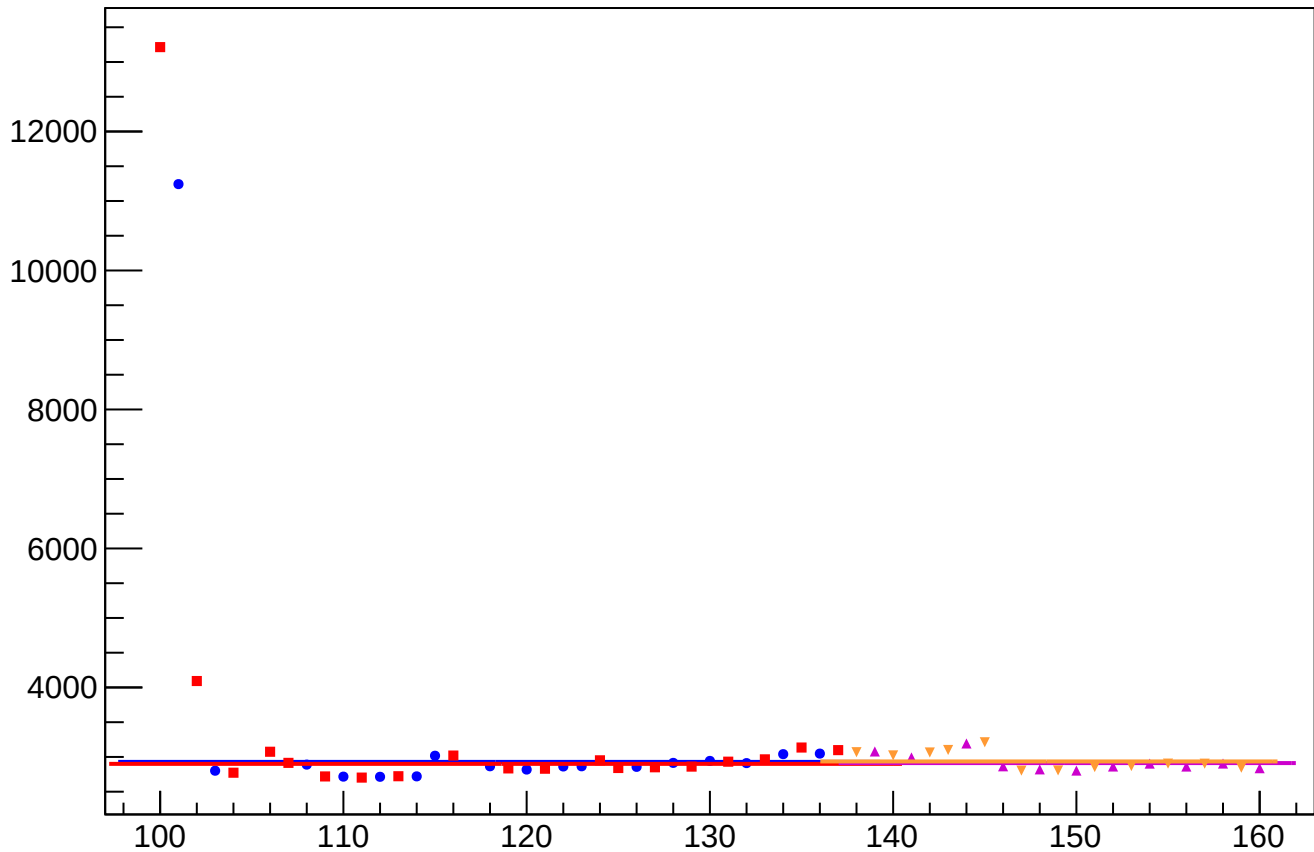
Right Out: -2385.851+/-1110.248 χ^2/NDF : 9.9/18

Left In: -2882.168+/-972.684 χ^2/NDF :23.8/10

3088.178+/-750.289 χ^2/NDF : 28.1/28

-2666.646+/-731.622 χ^2/NDF : 33.8/29

asym_atr1_rms vs Slug



Right In: 2928.700+/-0.823 χ^2/NDF : 662362.9/16

Left Out: 2935.297+/-0.694 χ^2/NDF : 31709.0/11

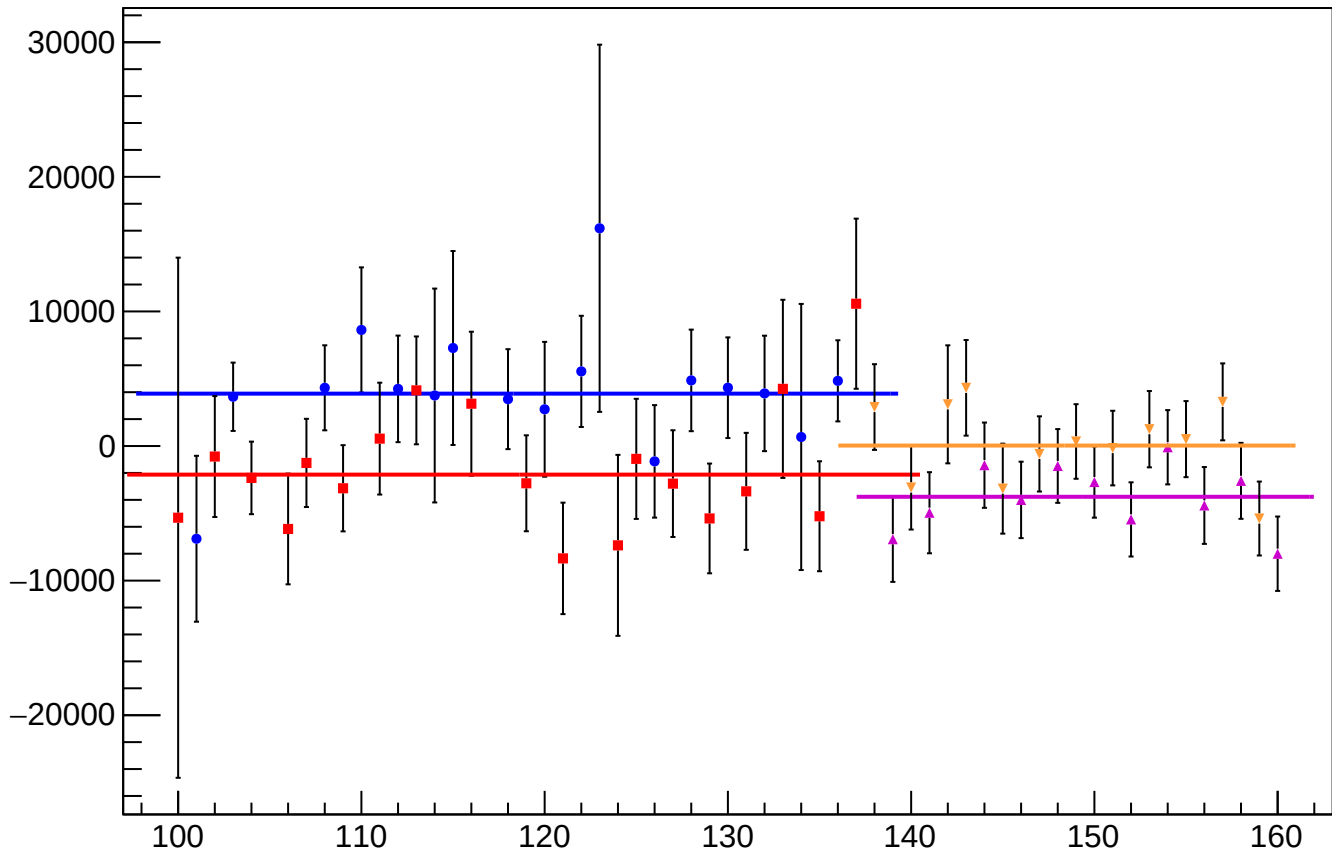
Right Out: 2900.472+/-0.785 χ^2/NDF : 169720.6/18

Left In: 2911.763+/-0.688 χ^2/NDF : 25514.1/10

2932.558+/-0.531 χ^2/NDF : 694109.5/28

2906.860+/-0.517 χ^2/NDF : 195351.7/29

reg_asym_atr2_mean vs Slug



Right In: 3892.504 ± 1011.718 χ^2/NDF : 7.1/16

Left Out: 35.265 ± 872.027 χ^2/NDF : 10.1/11

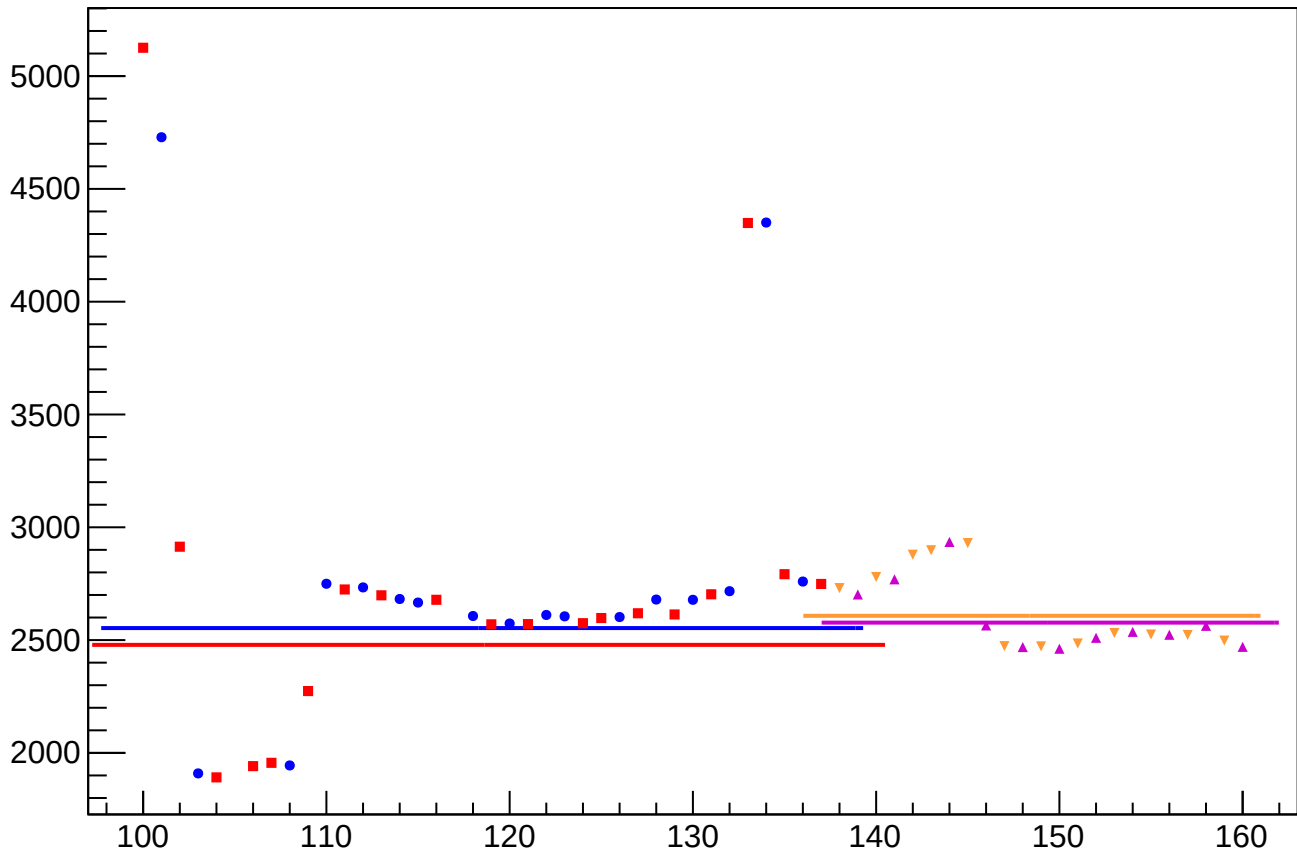
Right Out: -2124.700 ± 958.418 χ^2/NDF : 14.3/18

Left In: -3771.228 ± 860.259 χ^2/NDF : 7.3/10

1679.410 ± 660.528 χ^2/NDF : 25.6/28

-3036.574 ± 640.195 χ^2/NDF : 23.3/29

reg_asym_atr2_rms vs Slug



Right In: 2553.280 ± 0.715 χ^2/NDF : 545226.9/16

Left Out: 2607.667 ± 0.617 χ^2/NDF : 70104.3/11

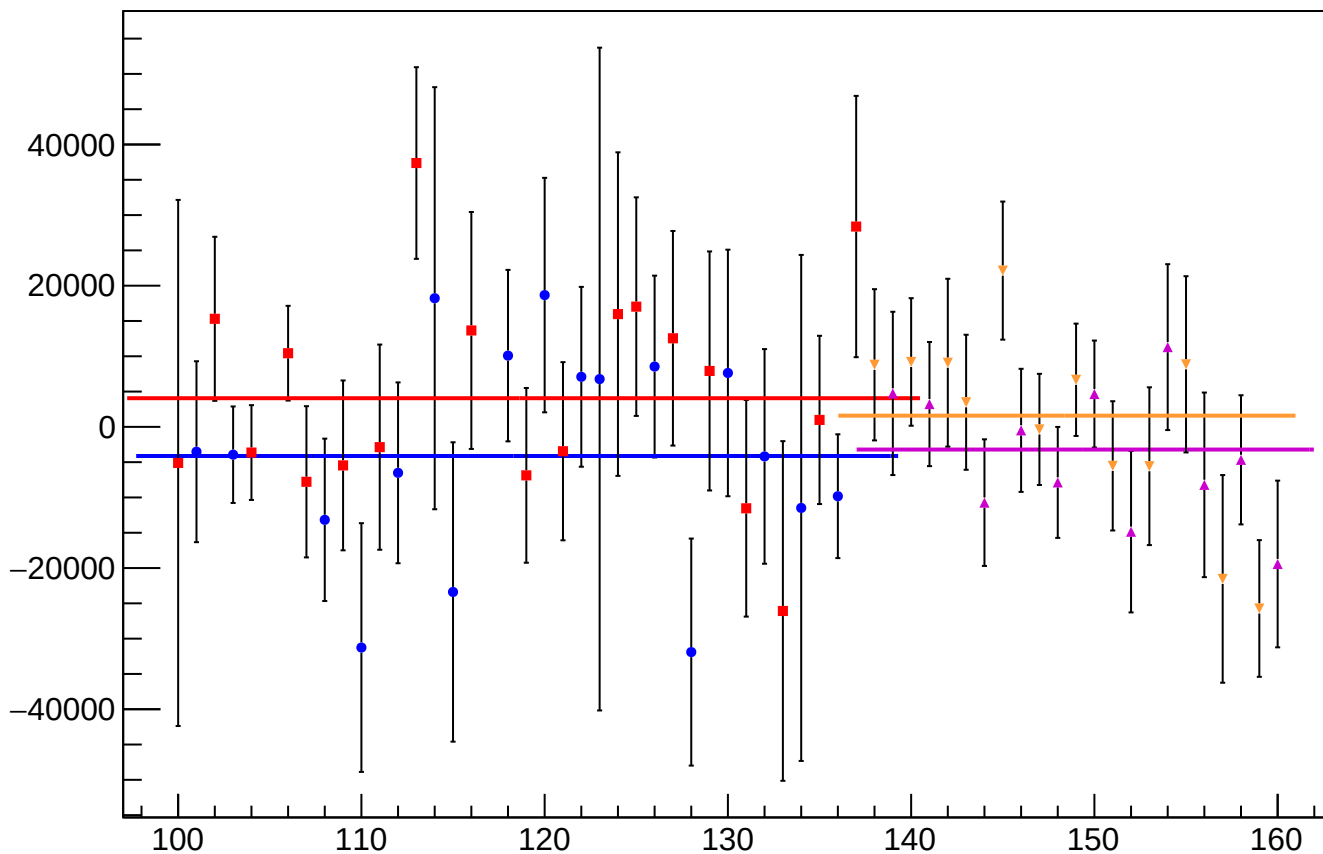
Right Out: 2478.860 ± 0.678 χ^2/NDF : 449502.6/18

Left In: 2577.442 ± 0.608 χ^2/NDF : 49098.2/10

2584.485 ± 0.467 χ^2/NDF : 618647.2/28

2533.456 ± 0.453 χ^2/NDF : 510319.6/29

asym_atr2_correction_mean vs Slug



Right In: -4126.319 ± 3227.044 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 1586.058 ± 2851.330 $\chi^2/\text{NDF}: 18.3/11$

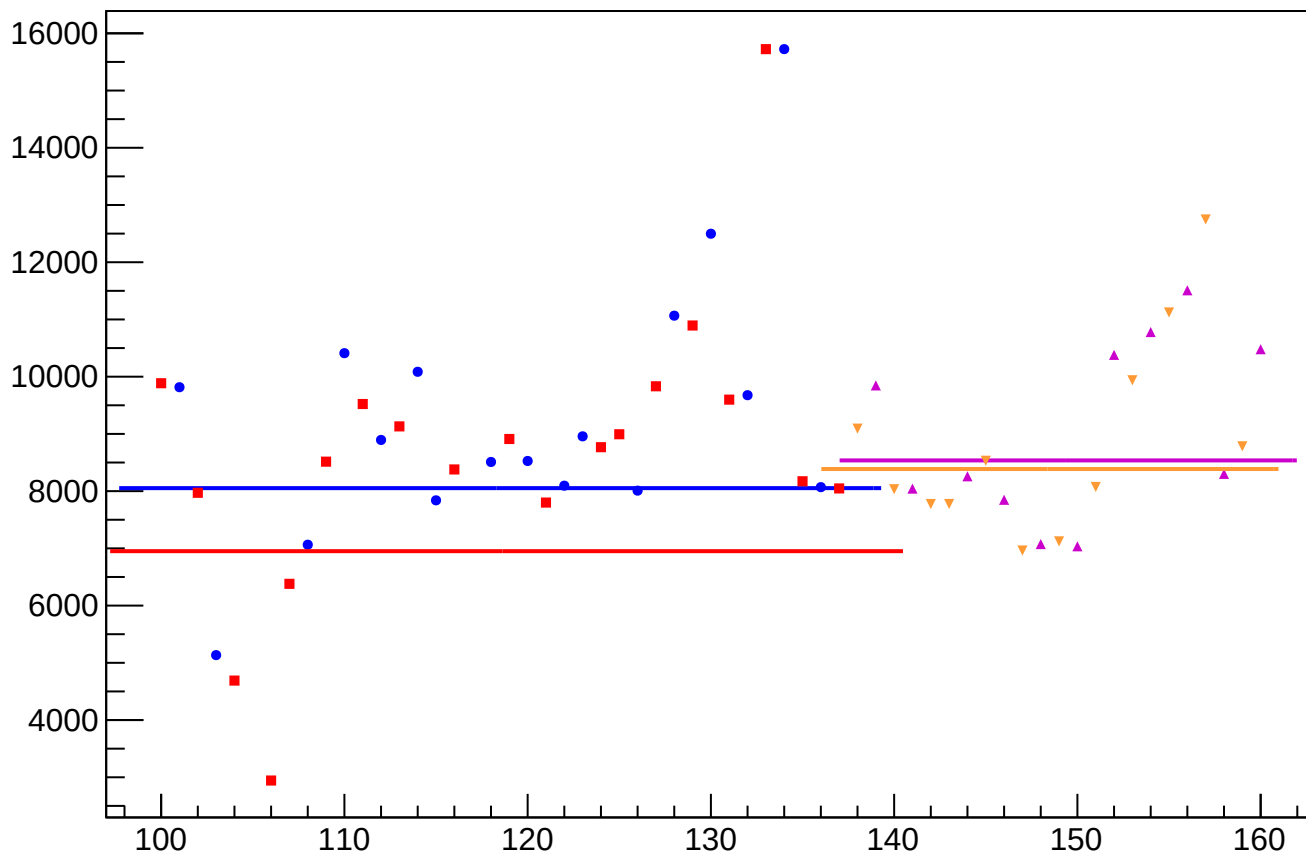
Right Out: 4060.328 ± 2834.326 $\chi^2/\text{NDF}: 18.5/18$

Left In: -3213.812 ± 2893.029 $\chi^2/\text{NDF}: 7.9/10$

-918.384 ± 2136.741 $\chi^2/\text{NDF}: 33.4/28$

497.807 ± 2024.607 $\chi^2/\text{NDF}: 29.6/29$

asym_atr2_correction_rms vs Slug



Right In: 8052.552+/-2.282 χ^2/NDF : 790724.2/16

Left Out: 8386.641+/-2.016 χ^2/NDF : 457690.3/11

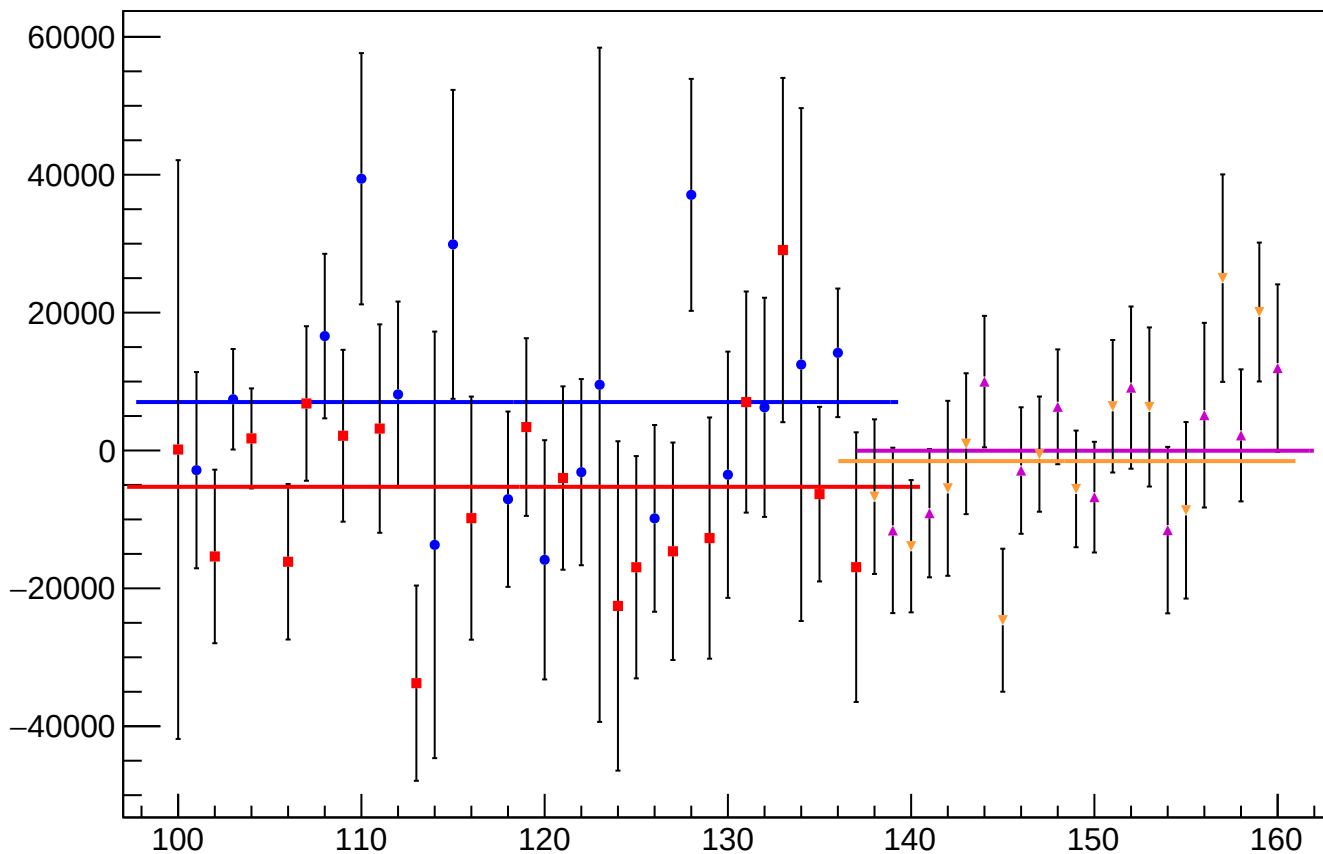
Right Out: 6950.943+/-2.004 χ^2/NDF : 1776578.9/18

Left In: 8536.920+/-2.046 χ^2/NDF : 477771.9/10

8240.169+/-1.511 χ^2/NDF : 1260452.5/28

7727.678+/-1.432 χ^2/NDF : 2561040.7/29

asym_atr2_mean vs Slug



Right In: 7025.400+/-3409.490 χ^2/NDF : 15.0/16

Left Out: -1539.066+/-3003.076 χ^2/NDF : 16.4/11

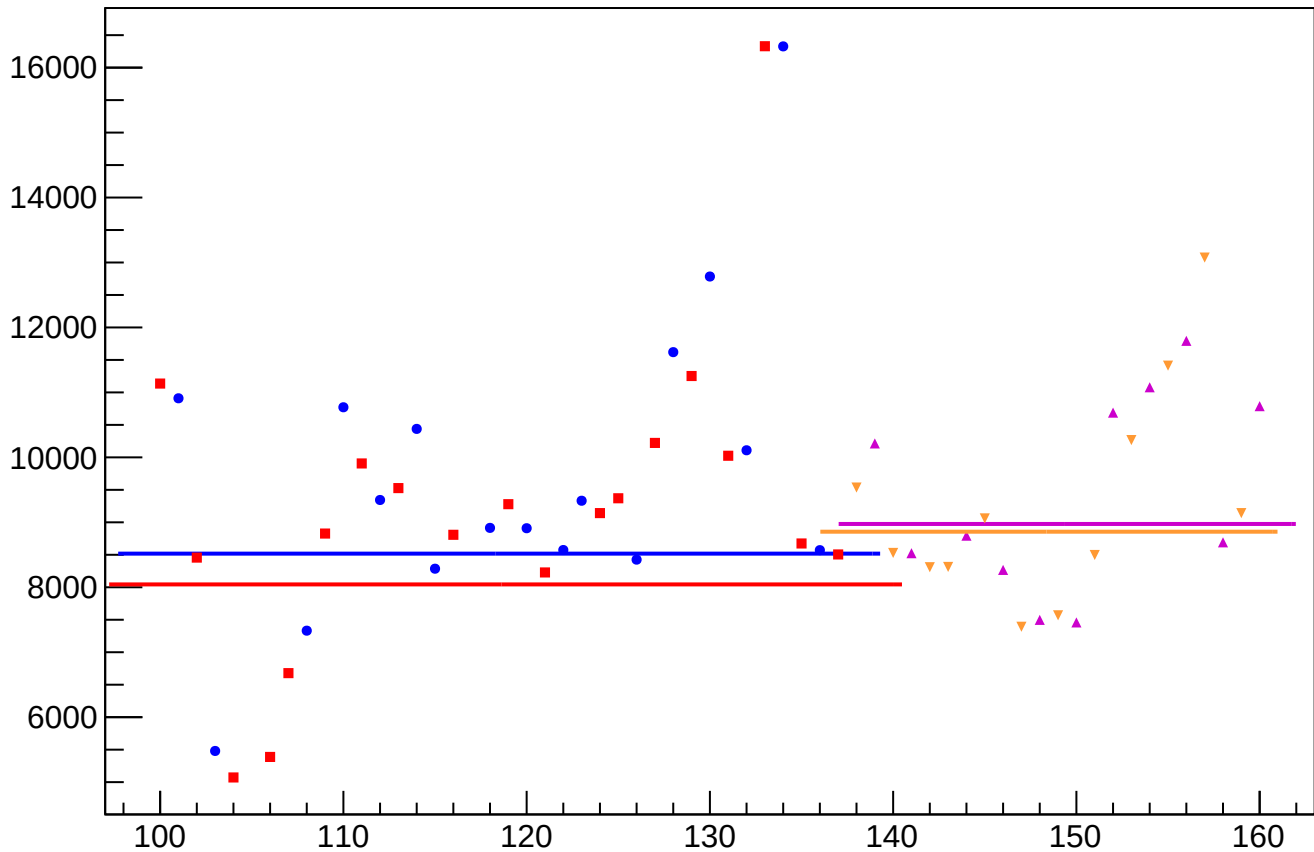
Right Out: -5271.793+/-3168.195 χ^2/NDF : 13.4/18

Left In: -33.345+/-3034.062 χ^2/NDF : 7.1/10

2202.543+/-2253.556 χ^2/NDF : 35.0/28

-2539.333+/-2191.291 χ^2/NDF : 21.8/29

asym_atr2_rms vs Slug



Right In: 8517.886+/-2.411 χ^2 /NDF: 763281.4/16

Left Out: 8855.518+/-2.123 χ^2 /NDF:398701.2/11

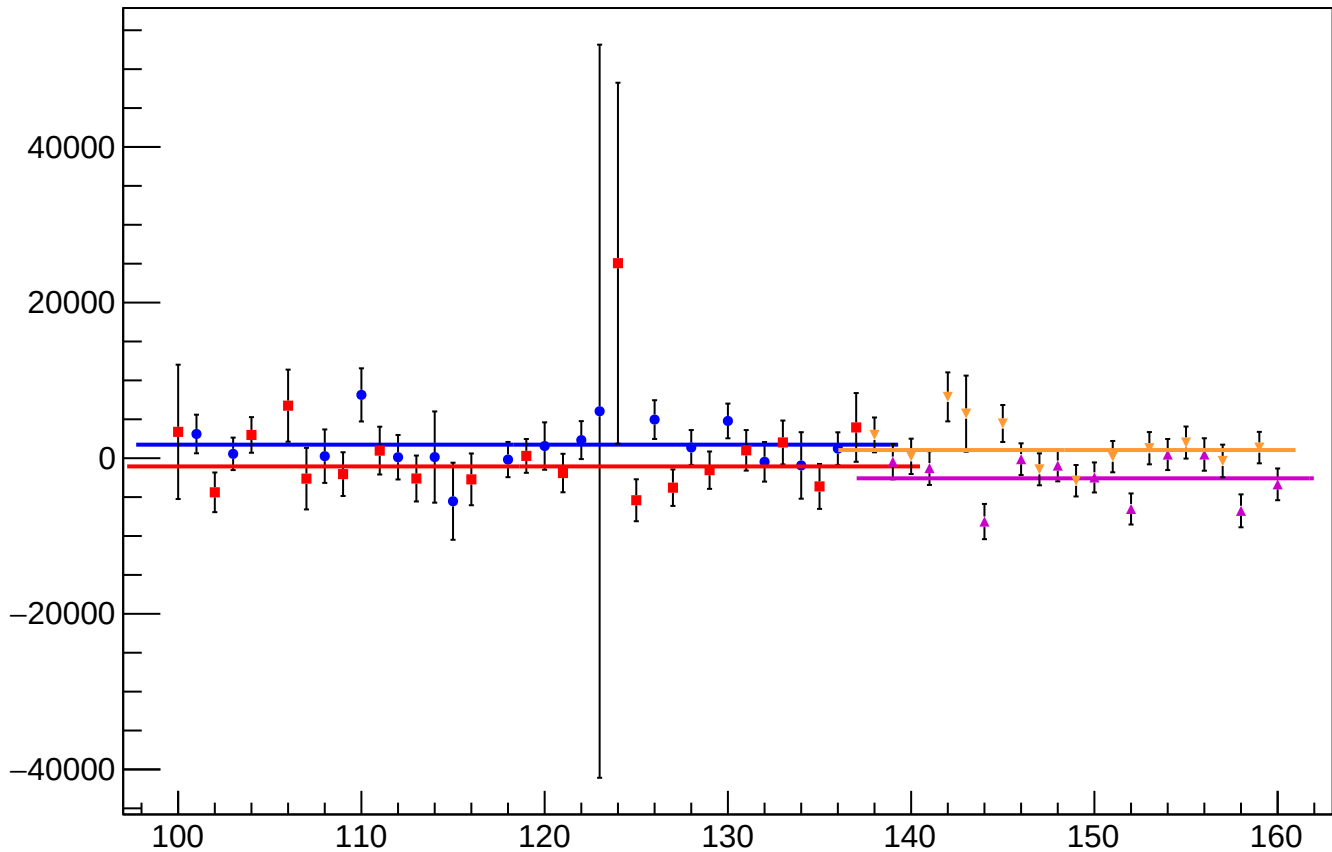
8708.015+/-1.594 χ^2 /NDF: 1173027.0/28

Right Out: 8043.998+/-2.240 χ^2 /NDF: 952125.8/18

8529.419+/-1.549 χ^2 /NDF: 1453073.1/29

Left In: 8974.639+/-2.145 χ^2 /NDF:410927.5/10

reg_asym_atl_avg_mean vs Slug



Right In: 1739.640+/-670.395 χ^2/NDF : 12.4/16

Left Out: 1046.712+/-647.870 χ^2/NDF : 14.7/11

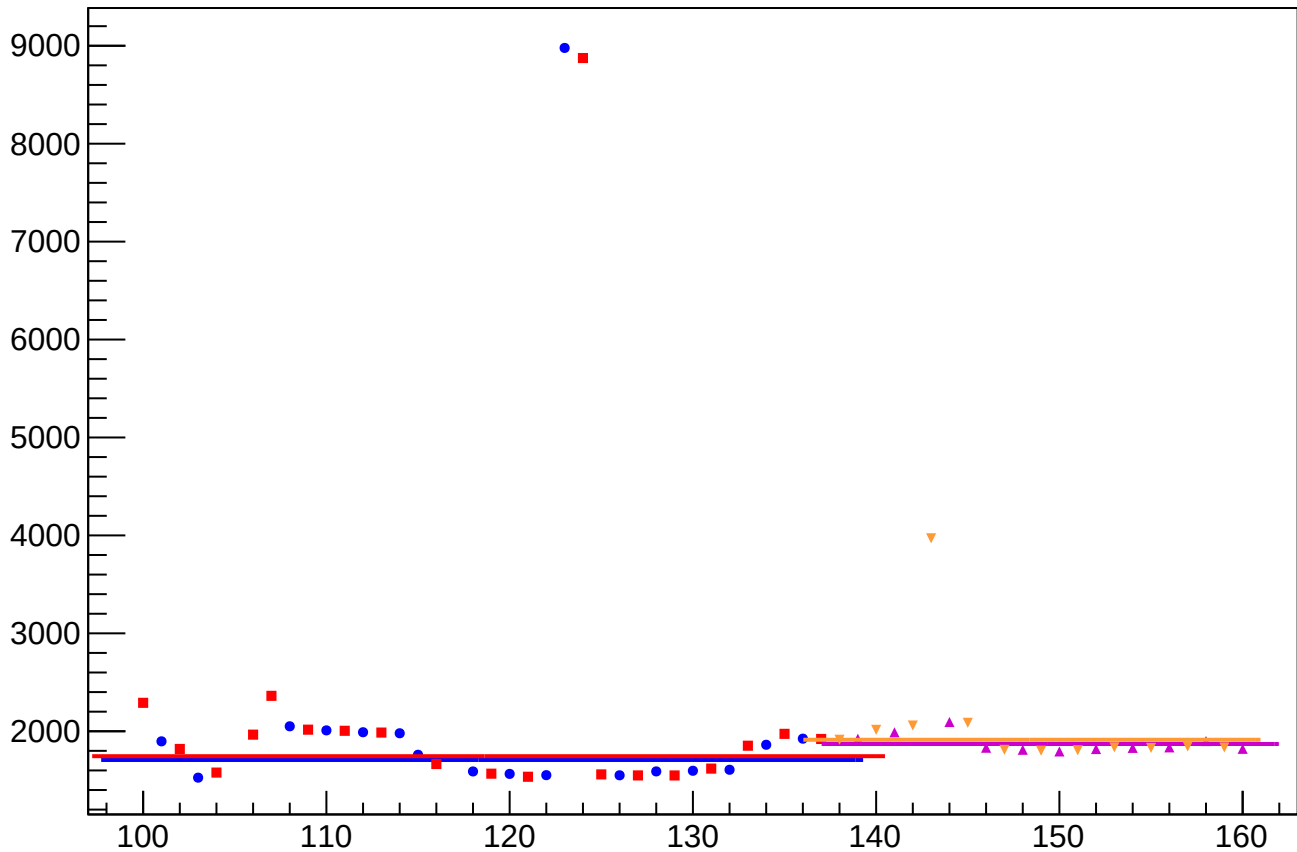
Right Out: -1055.584+/-670.984 χ^2/NDF : 18.9/18

Left In: -2586.707+/-626.238 χ^2/NDF : 21.8/10

1381.340+/-465.873 χ^2/NDF : 27.7/28

-1873.898+/-457.819 χ^2/NDF : 43.5/29

reg_asym_atl_avg_rms vs Slug



Right In: 1706.867+/-0.474 χ^2/NDF : 197555.1/16

Left Out: 1913.277+/-0.458 χ^2/NDF : 401196.8/11

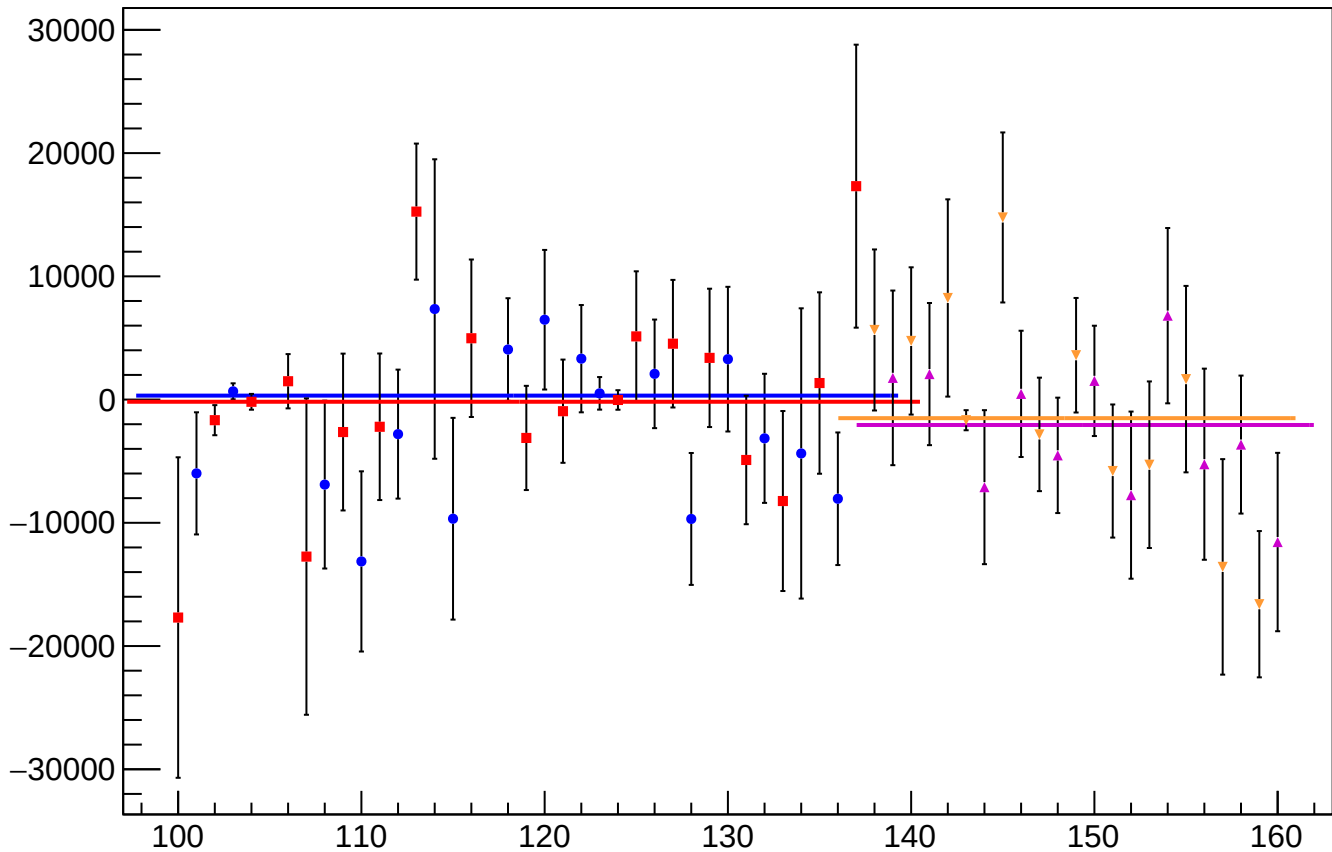
Right Out: 1745.434+/-0.472 χ^2/NDF : 399811.9/18

Left In: 1869.971+/-0.443 χ^2/NDF : 36541.1/10

1813.598+/-0.329 χ^2/NDF : 696789.1/28

1811.716+/-0.323 χ^2/NDF : 473351.2/29

asym_atl_avg_correction_mean vs Slug



Right In: 320.899+/-540.384 χ^2/NDF : 18.0/16

Left Out: -1508.570+/-744.683 χ^2/NDF :20.2/11

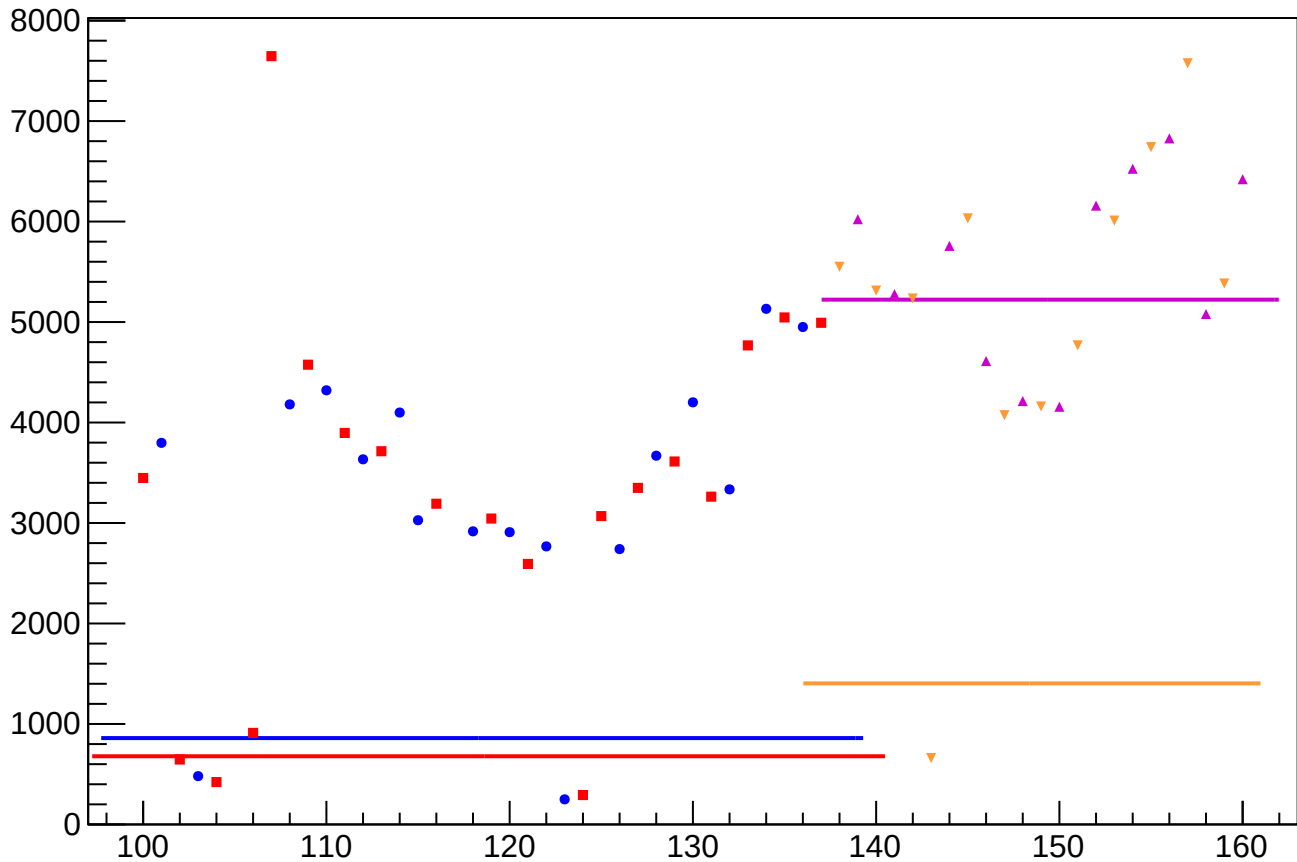
Right Out: -176.640+/-433.552 χ^2/NDF : 20.8/18

Left In: -2062.067+/-1772.352 χ^2/NDF :6.8/10

-310.157+/-437.364 χ^2/NDF : 42.1/28

-283.091+/-421.135 χ^2/NDF : 28.7/29

asym_atl_avg_correction_rms vs Slug



Right In: 859.557+/-0.382 χ^2/NDF : 8143264.5/16

Left Out: 1403.894+/-0.527 χ^2/NDF : 10656070.8/11

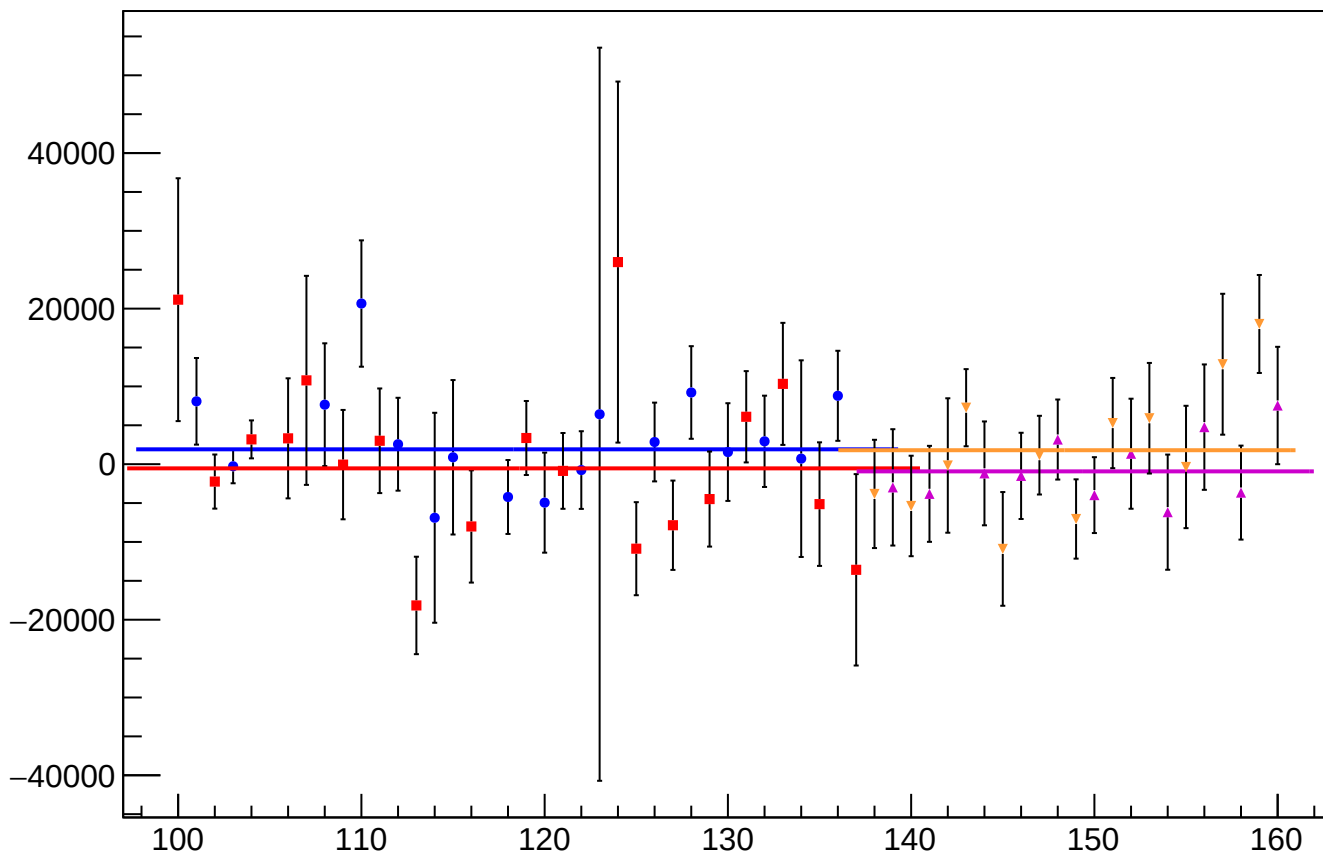
Right Out: 678.603+/-0.307 χ^2/NDF : 8384814.2/18

Left In: 5222.717+/-1.253 χ^2/NDF : 522071.8/10

1047.320+/-0.309 χ^2/NDF : 19499345.7/28

935.164+/-0.298 χ^2/NDF : 21311660.2/29

asym_atl_avg_mean vs Slug



Right In: 1909.348+/-1310.219 χ^2/NDF : 14.6/16

Left Out: 1793.805+/-1832.174 χ^2/NDF : 18.1/11

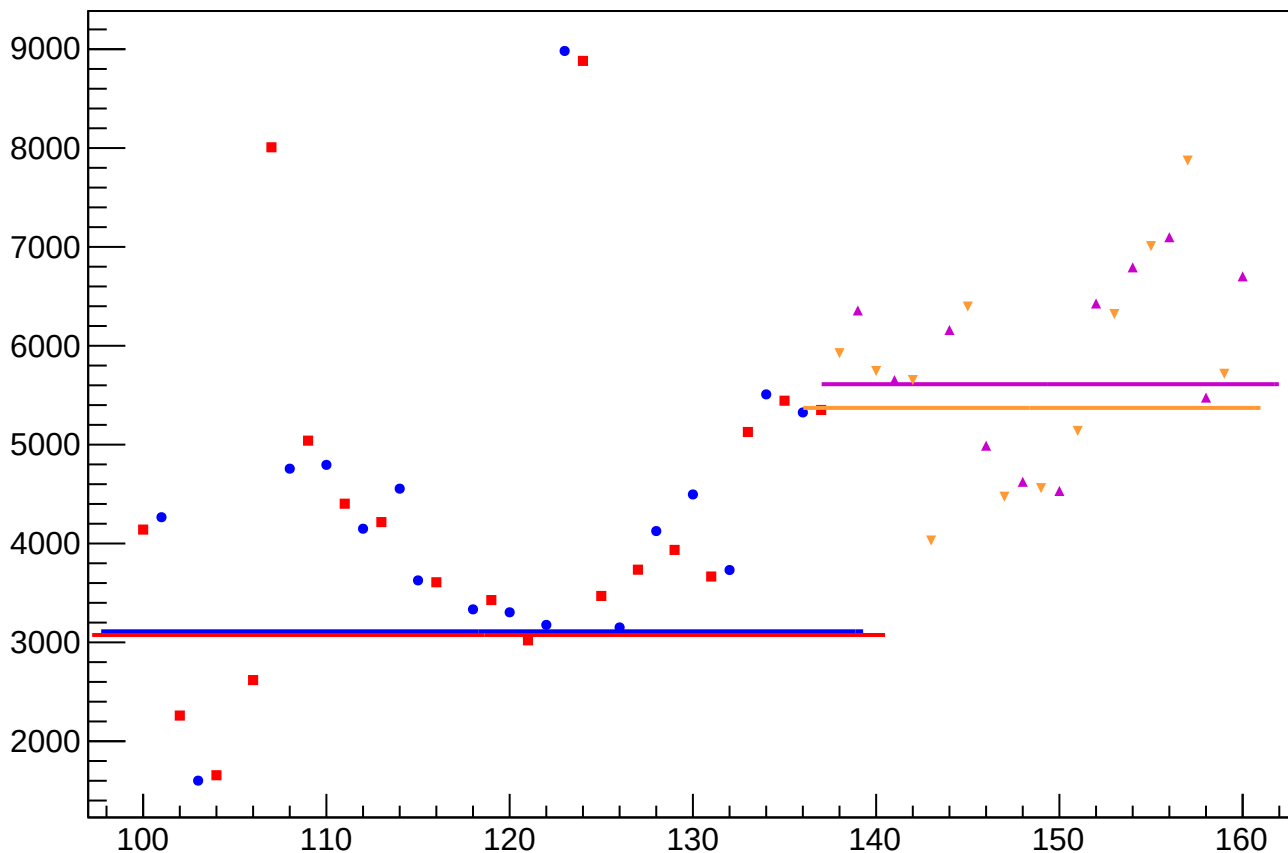
Right Out: -539.549+/-1285.817 χ^2/NDF : 26.4/18

Left In: -925.684+/-1898.525 χ^2/NDF : 3.9/10

1870.253+/-1065.750 χ^2/NDF : 32.7/28

-660.971+/-1064.625 χ^2/NDF : 30.3/29

asym_atl_avg_rms vs Slug



Right In: 3111.825+/-0.926 χ^2/NDF : 1879558.6/16

Left Out: 5371.493+/-1.296 χ^2/NDF : 604642.5/11

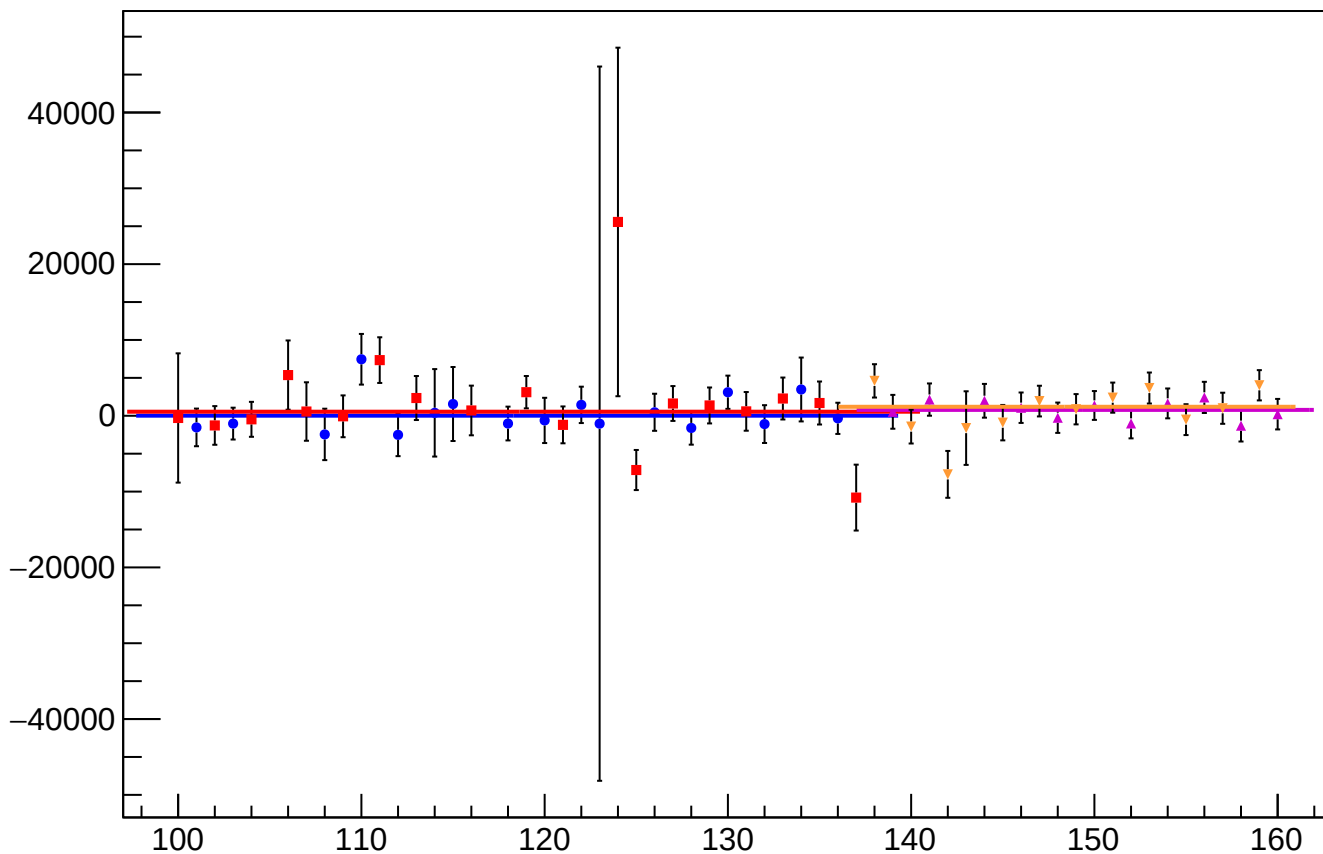
Right Out: 3074.771+/-0.896 χ^2/NDF : 2005627.6/18

Left In: 5611.444+/-1.342 χ^2/NDF : 418650.9/10

3876.397+/-0.754 χ^2/NDF : 4497044.1/28

3856.592+/-0.745 χ^2/NDF : 4894308.5/29

reg_asym_atl_dd_mean vs Slug



Right In: 14.118+/-661.101 χ^2/NDF : 11.1/16

Left Out: 1186.520+/-638.112 χ^2/NDF : 18.0/11

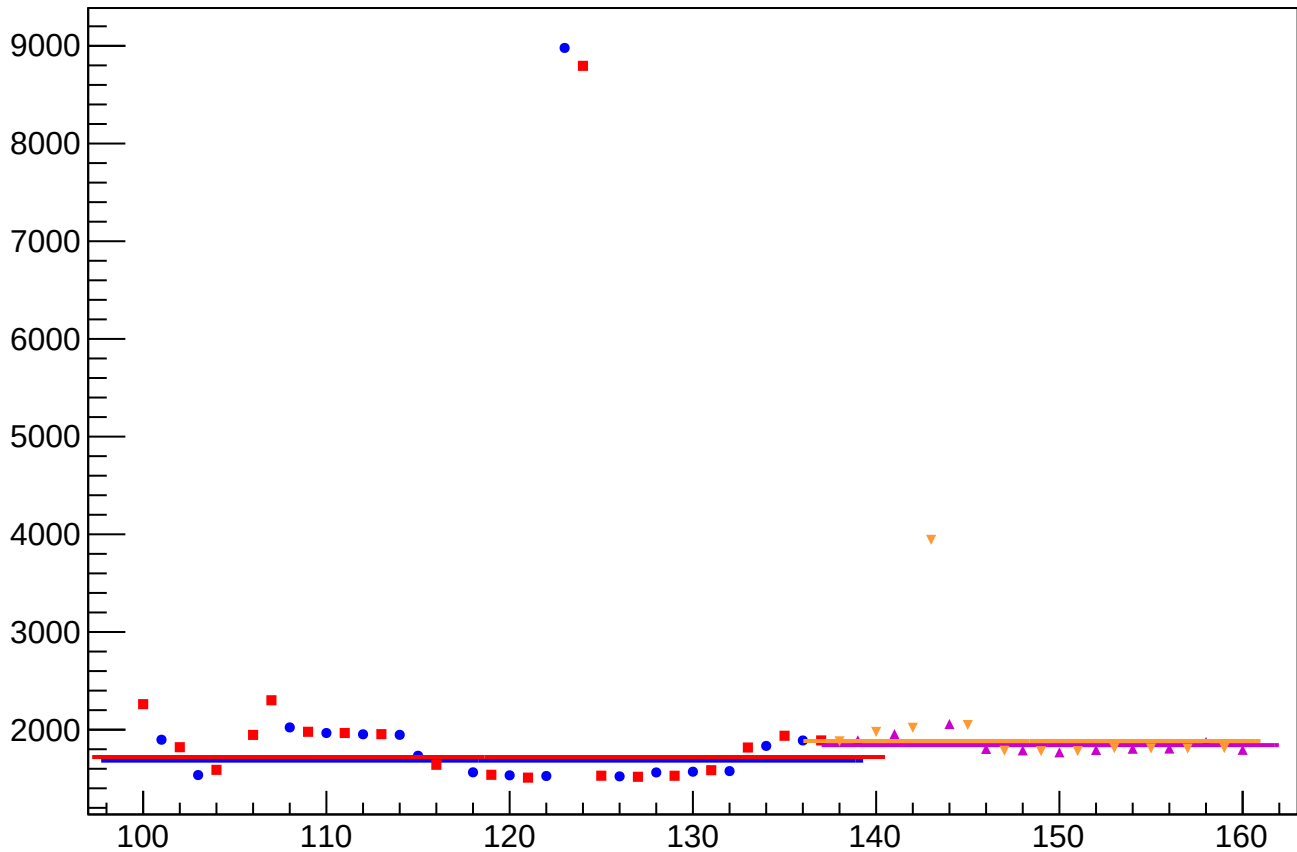
Right Out: 537.476+/-661.143 χ^2/NDF : 26.7/18

Left In: 775.364+/-616.936 χ^2/NDF : 3.8/10

621.058+/-459.125 χ^2/NDF : 30.7/28

664.639+/-451.059 χ^2/NDF : 30.6/29

reg_asym_atl_dd_rms vs Slug



Right In: 1683.259+/-0.467 χ^2/NDF : 195893.7/16

Left Out: 1884.355+/-0.451 χ^2/NDF : 403433.8/11

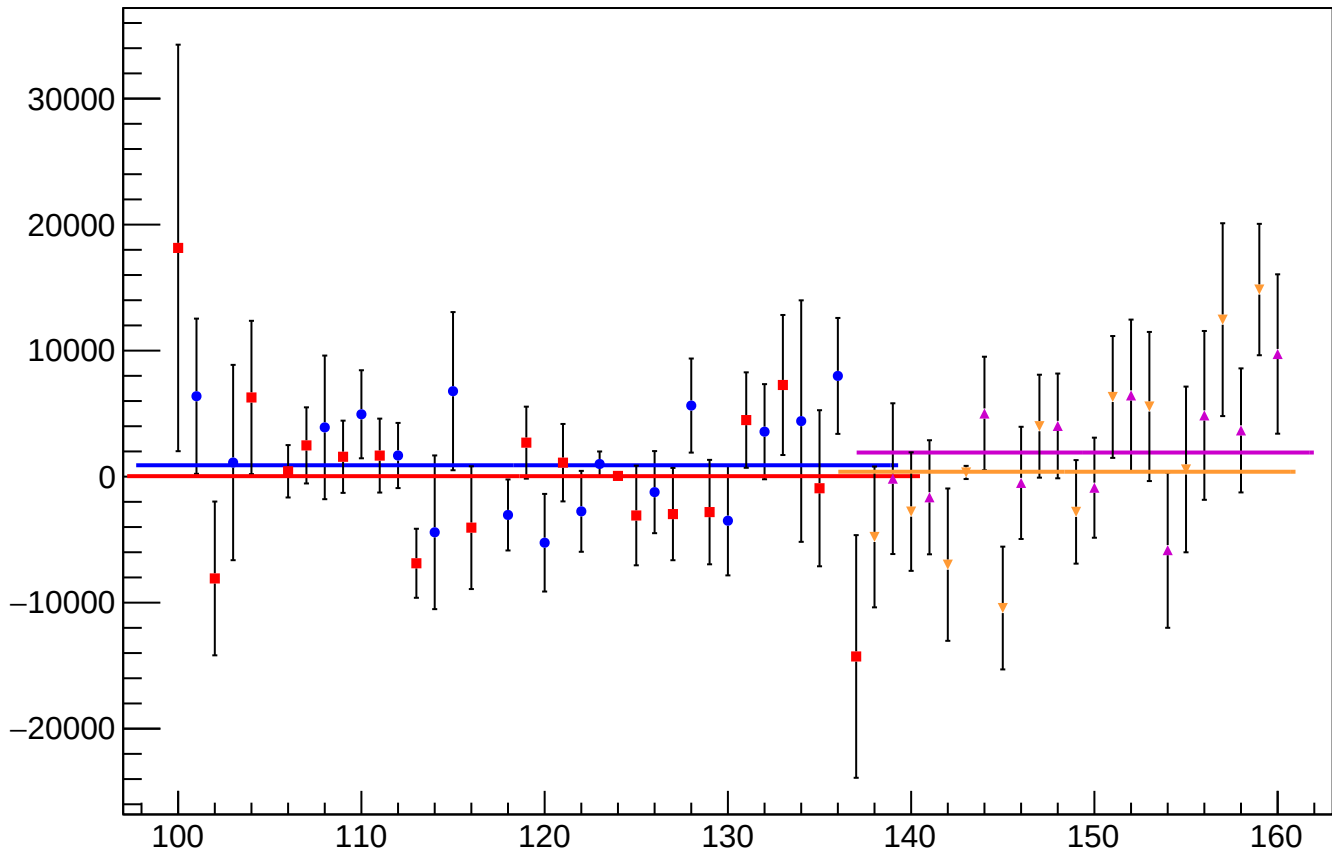
Right Out: 1720.379+/-0.465 χ^2/NDF : 396099.9/18

Left In: 1842.240+/-0.436 χ^2/NDF : 34860.3/10

1787.364+/-0.325 χ^2/NDF : 695129.0/28

1785.257+/-0.318 χ^2/NDF : 467449.2/29

asym_atl_dd_correction_mean vs Slug



Right In: 903.344 $\pm$ 705.564 χ^2 /NDF: 16.0/16

Left Out: 388.981 $\pm$ 495.224 χ^2 /NDF: 21.6/11

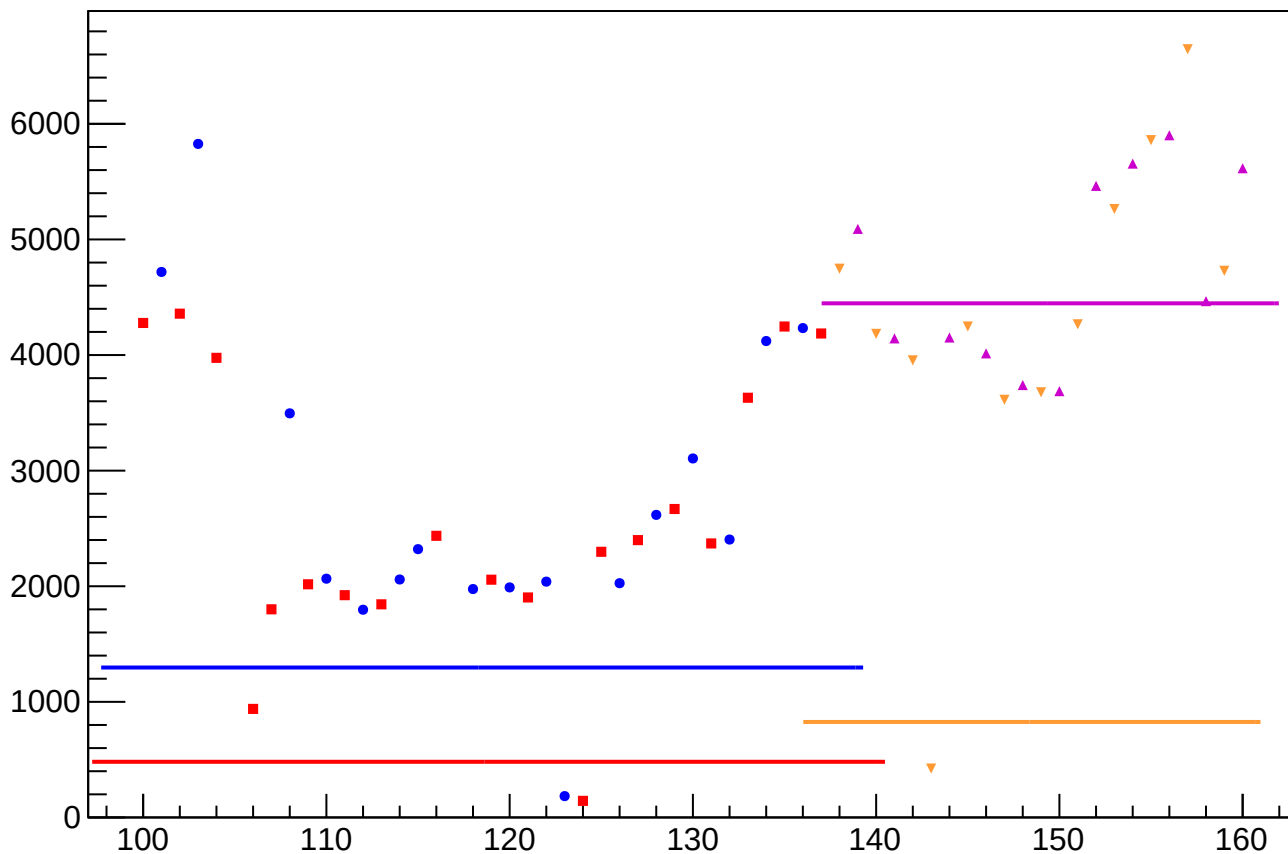
Right Out: 38.143 $\pm$ 357.176 χ^2 /NDF: 20.5/18

Left In: 1912.964 $\pm$ 1507.129 χ^2 /NDF: 6.2/10

558.744 $\pm$ 405.344 χ^2 /NDF: 37.9/28

137.842 $\pm$ 347.550 χ^2 /NDF: 28.2/29

asym_atl_dd_correction_rms vs Slug



Right In: 1297.005+/-0.499 χ^2/NDF : 6509608.5/16

Left Out: 826.085+/-0.350 χ^2/NDF :12196526.5/11

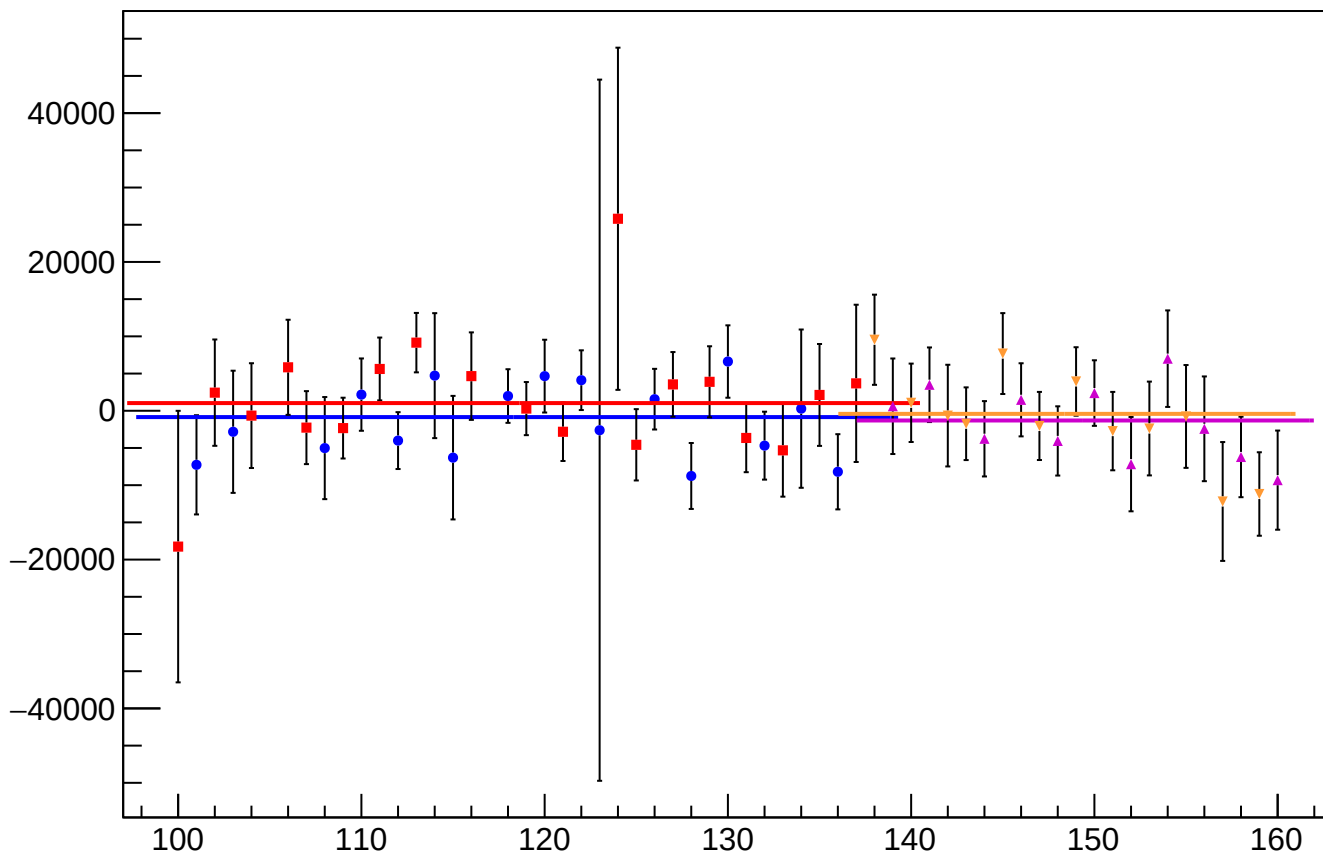
981.510+/-0.287 χ^2/NDF : 19303026.7/28

Right Out: 481.577+/-0.253 χ^2/NDF : 10144170.1/18

692.469+/-0.246 χ^2/NDF : 23742773.2/29

Left In: 4447.336+/-1.066 χ^2/NDF :487181.5/10

asym_atl_dd_mean vs Slug



Right In: -849.372 ± 1261.026 χ^2/NDF : 15.4/16

Left Out: -416.867 ± 1611.424 χ^2/NDF : 12.3/11

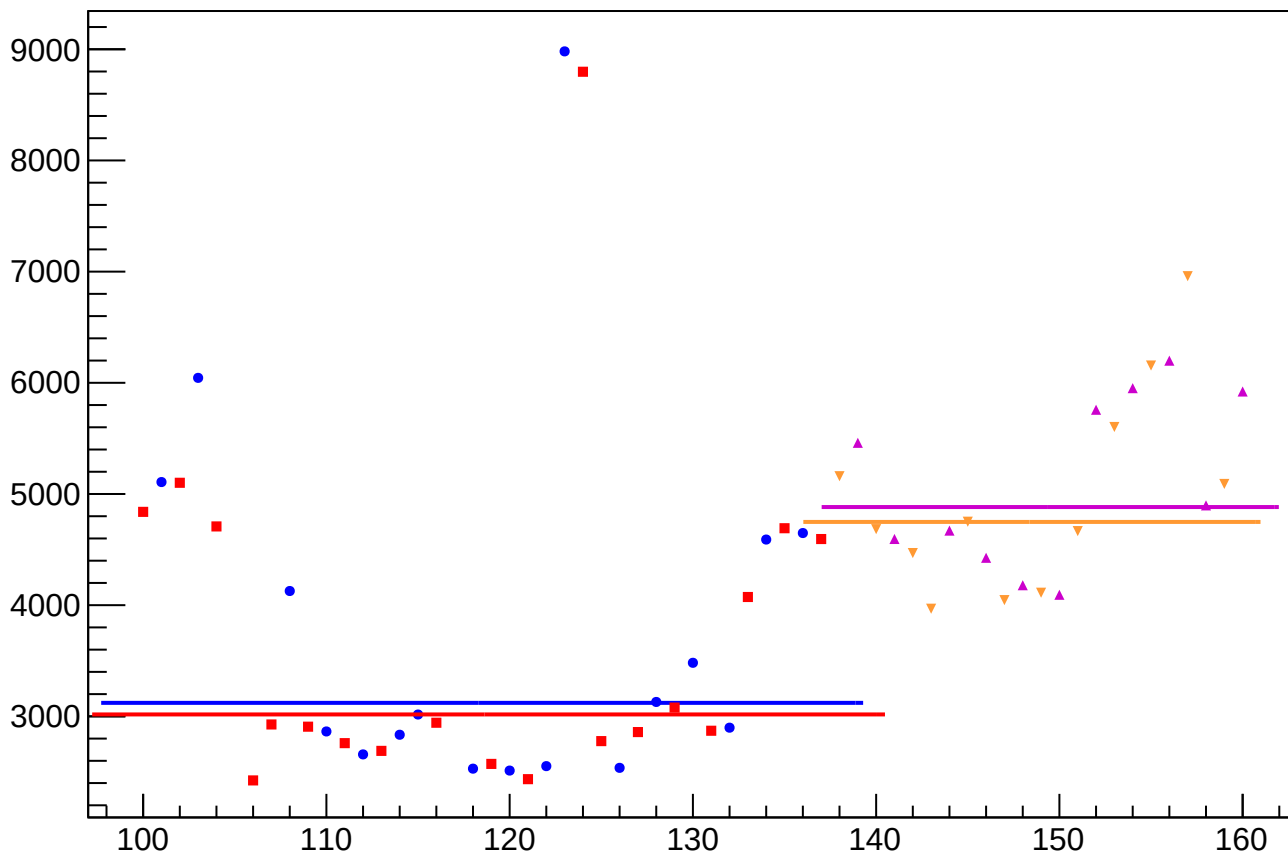
Right Out: 1033.205 ± 1190.714 χ^2/NDF : 15.0/18

Left In: -1306.025 ± 1648.864 χ^2/NDF : 7.4/10

-685.106 ± 993.091 χ^2/NDF : 27.7/28

231.436 ± 965.324 χ^2/NDF : 23.7/29

asym_atl_dd_rms vs Slug



Right In: 3121.417+/-0.892 χ^2/NDF : 945708.1/16

Left Out: 4748.756+/-1.139 χ^2/NDF : 430218.0/11

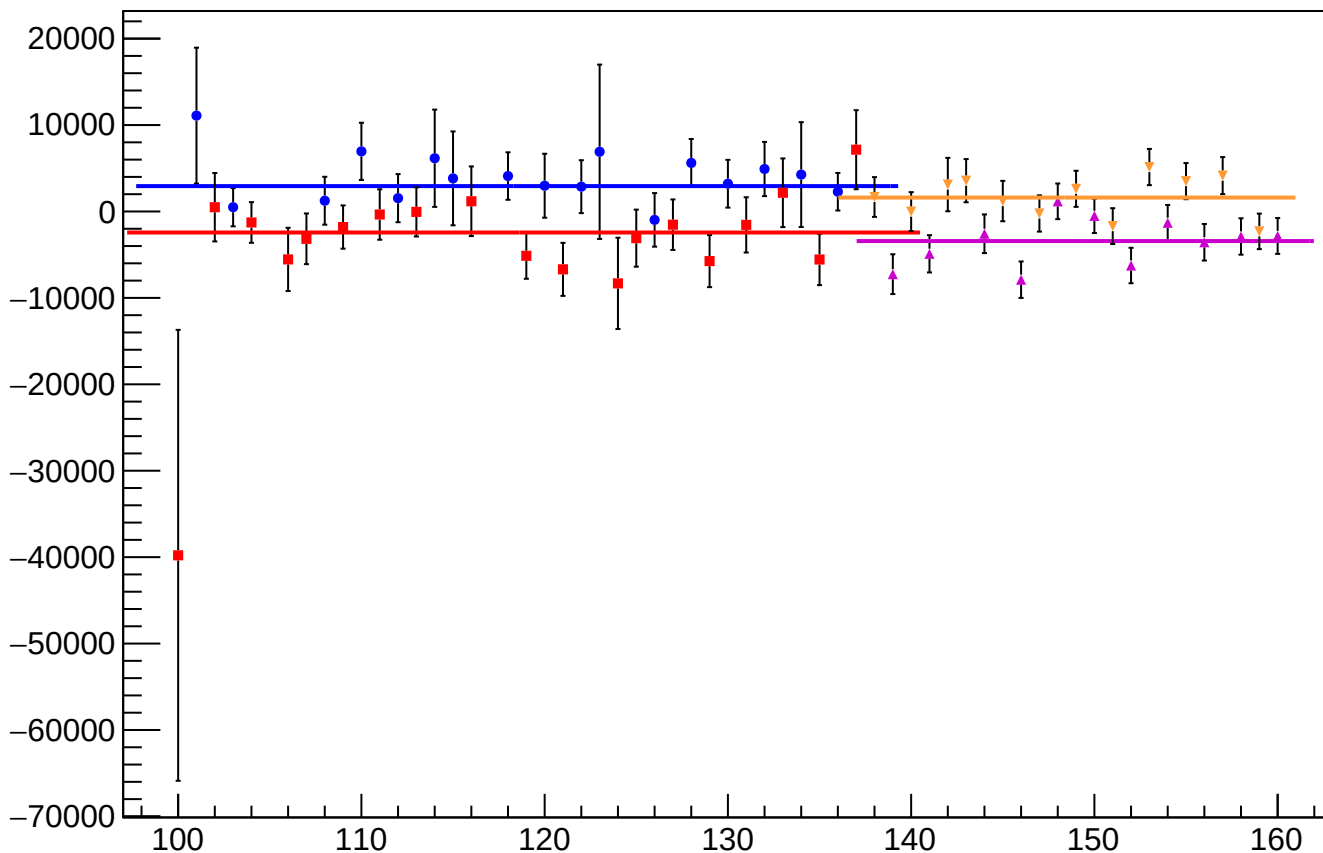
Right Out: 3017.215+/-0.831 χ^2/NDF : 791997.9/18

Left In: 4882.570+/-1.166 χ^2/NDF : 364486.2/10

3739.481+/-0.702 χ^2/NDF : 2640948.0/28

3646.080+/-0.677 χ^2/NDF : 2853212.9/29

reg_asym_atr_avg_mean vs Slug



Right In: 2935.827 $\pm$ 775.365 χ^2 /NDF: 8.2/16

Left Out: 1609.832 $\pm$ 641.169 χ^2 /NDF:13.6/11

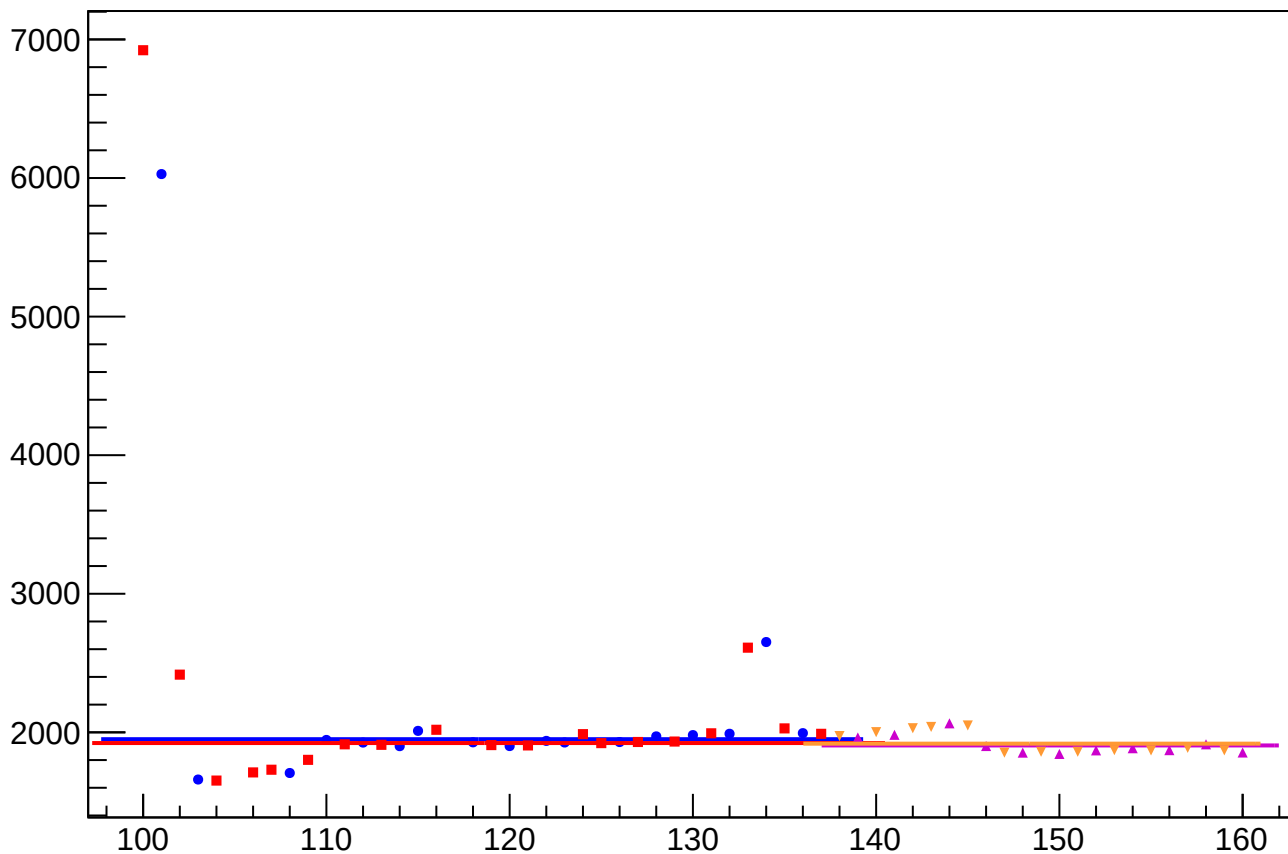
Right Out: -2432.756 $\pm$ 740.416 χ^2 /NDF: 18.2/18

Left In: -3423.089 $\pm$ 636.180 χ^2 /NDF:18.1/10

2148.328 $\pm$ 494.113 χ^2 /NDF: 23.5/28

-3002.484 $\pm$ 482.528 χ^2 /NDF: 37.3/29

reg_asym_atr_avg_rms vs Slug



Right In: 1950.615+/-0.548 χ^2/NDF : 617332.2/16

Left Out: 1918.344+/-0.453 χ^2/NDF : 26088.4/11

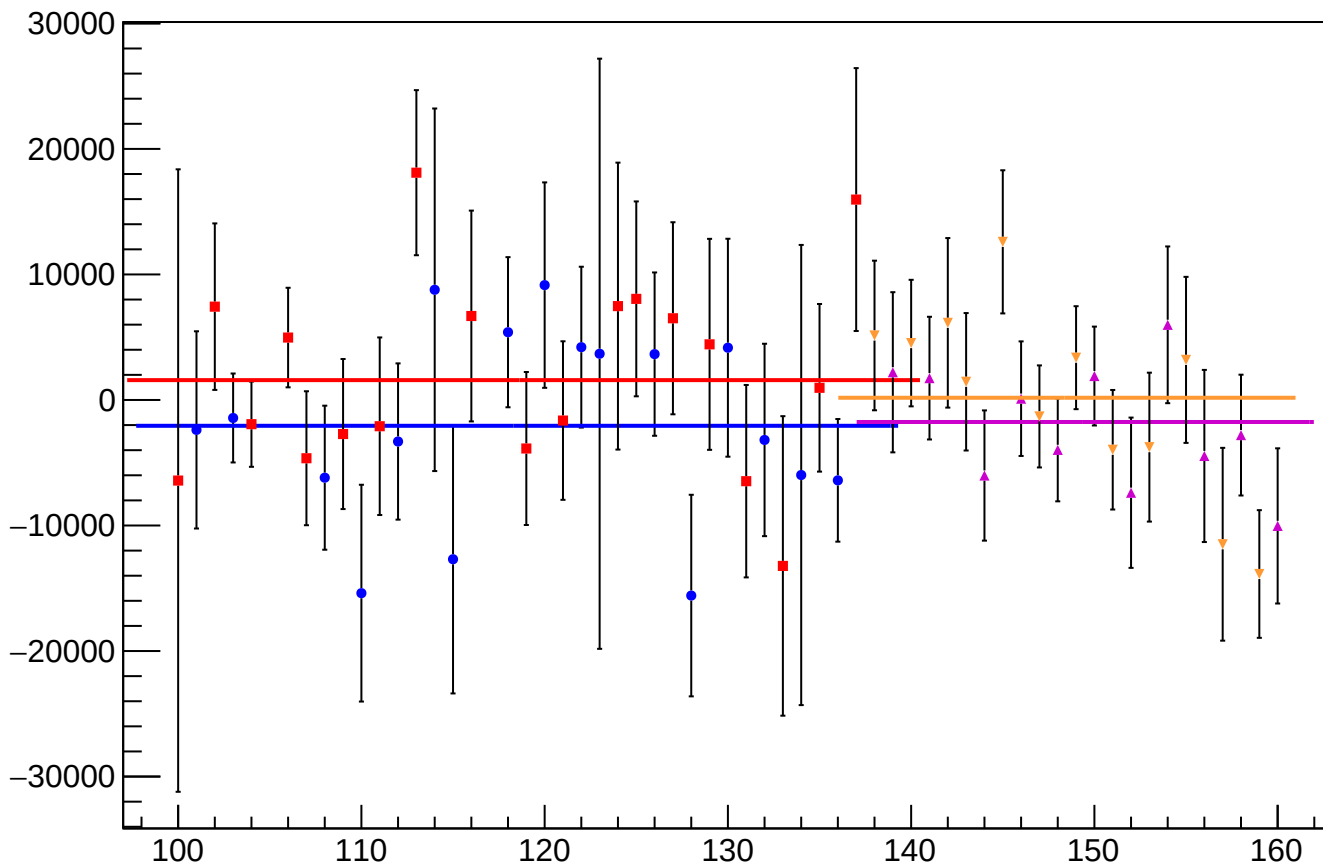
Right Out: 1922.752+/-0.522 χ^2/NDF : 217400.0/18

Left In: 1905.458+/-0.450 χ^2/NDF : 19679.5/10

1931.450+/-0.349 χ^2/NDF : 645478.1/28

1912.823+/-0.341 χ^2/NDF : 237708.8/29

asym_atr_avg_correction_mean vs Slug



Right In: -2056.876 ± 1661.079 χ^2/NDF : 14.0/16

Left Out: 177.015 ± 1534.657 χ^2/NDF : 19.1/11

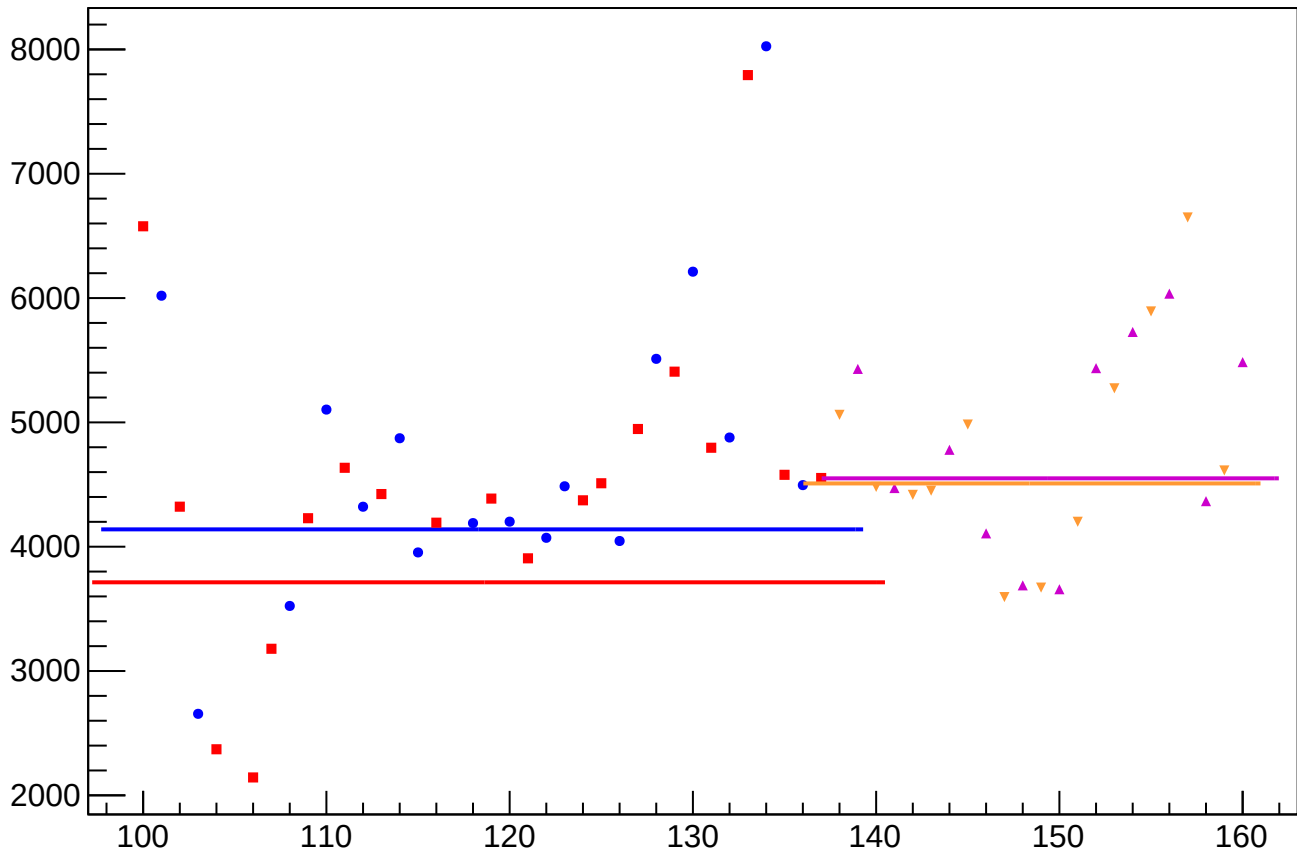
Right Out: 1580.717 ± 1477.405 χ^2/NDF : 18.6/18

Left In: -1753.767 ± 1543.436 χ^2/NDF : 7.3/10

-851.697 ± 1127.213 χ^2/NDF : 34.0/28

-13.673 ± 1067.263 χ^2/NDF : 28.4/29

asym_atr_avg_correction_rms vs Slug



Right In: 4139.394+/-1.175 χ^2/NDF : 813550.8/16

Left Out: 4508.848+/-1.085 χ^2/NDF : 501631.6/11

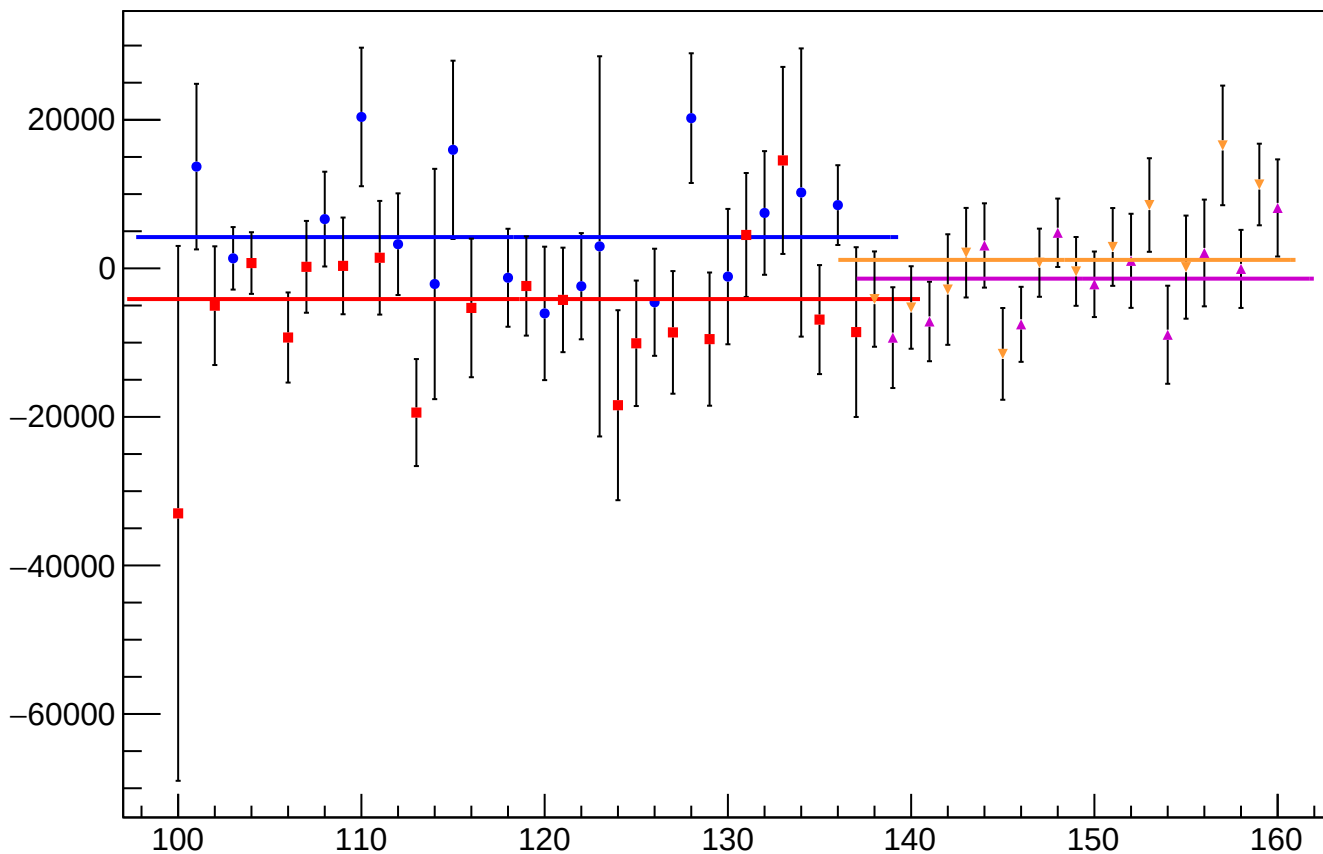
4338.714+/-0.797 χ^2/NDF : 1368560.1/28

Right Out: 3713.526+/-1.045 χ^2/NDF : 1275828.5/18

4113.444+/-0.755 χ^2/NDF : 2092014.6/29

Left In: 4549.910+/-1.091 χ^2/NDF : 509702.0/10

asym_atr_avg_mean vs Slug



Right In: 4211.844+/-1871.304 χ^2/NDF : 14.4/16

Left Out: 1141.663+/-1682.055 χ^2/NDF : 15.2/11

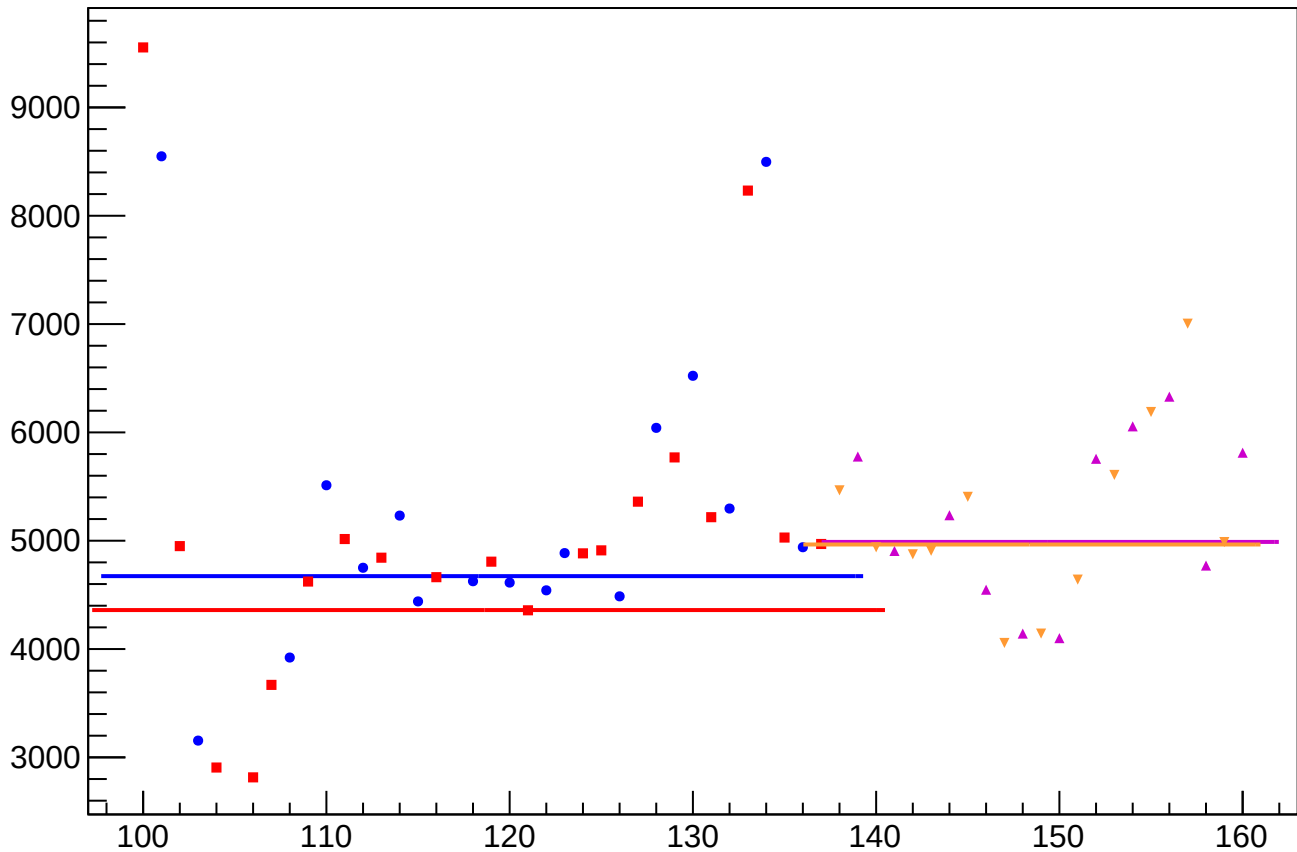
Right Out: -4133.660+/-1725.341 χ^2/NDF : 14.8/18

Left In: -1384.766+/-1685.155 χ^2/NDF : 10.3/10

2513.700+/-1250.965 χ^2/NDF : 31.1/28

-2726.827+/-1205.541 χ^2/NDF : 26.4/29

asym_atr_avg_rms vs Slug



Right In: 4673.046 $\pm$ 1.323 χ^2 /NDF: 777321.1/16

Left Out: 4965.223 $\pm$ 1.189 χ^2 /NDF:383044.6/11

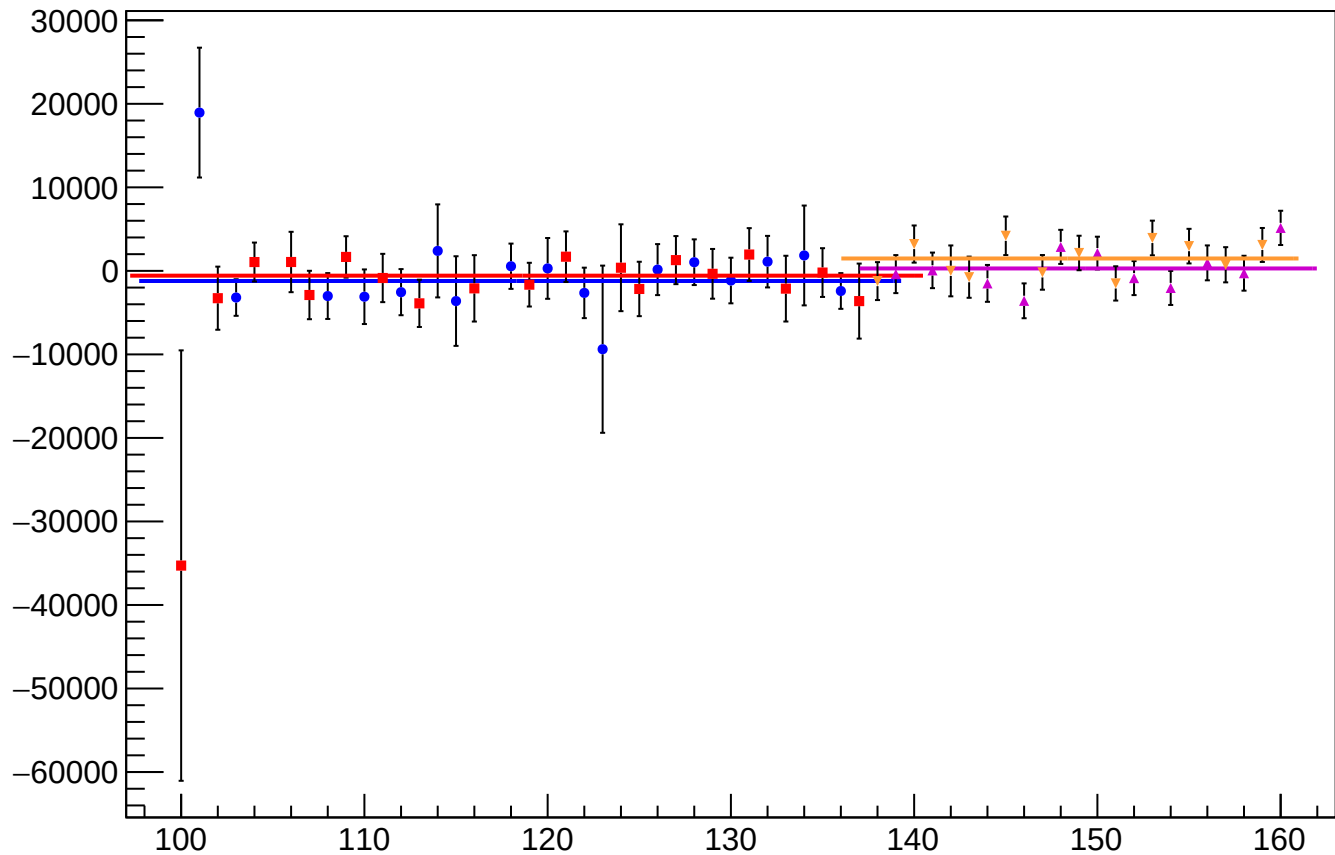
Right Out: 4359.833 $\pm$ 1.213 χ^2 /NDF: 832191.0/18

Left In: 4988.901 $\pm$ 1.192 χ^2 /NDF:381446.4/10

4834.652 $\pm$ 0.885 χ^2 /NDF: 1187333.6/28

4679.958 $\pm$ 0.850 χ^2 /NDF: 1350513.4/29

reg_asym_atr_dd_mean vs Slug



Right In: -1211.176 ± 765.294 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 1483.253 ± 633.474 $\chi^2/\text{NDF}: 10.0/11$

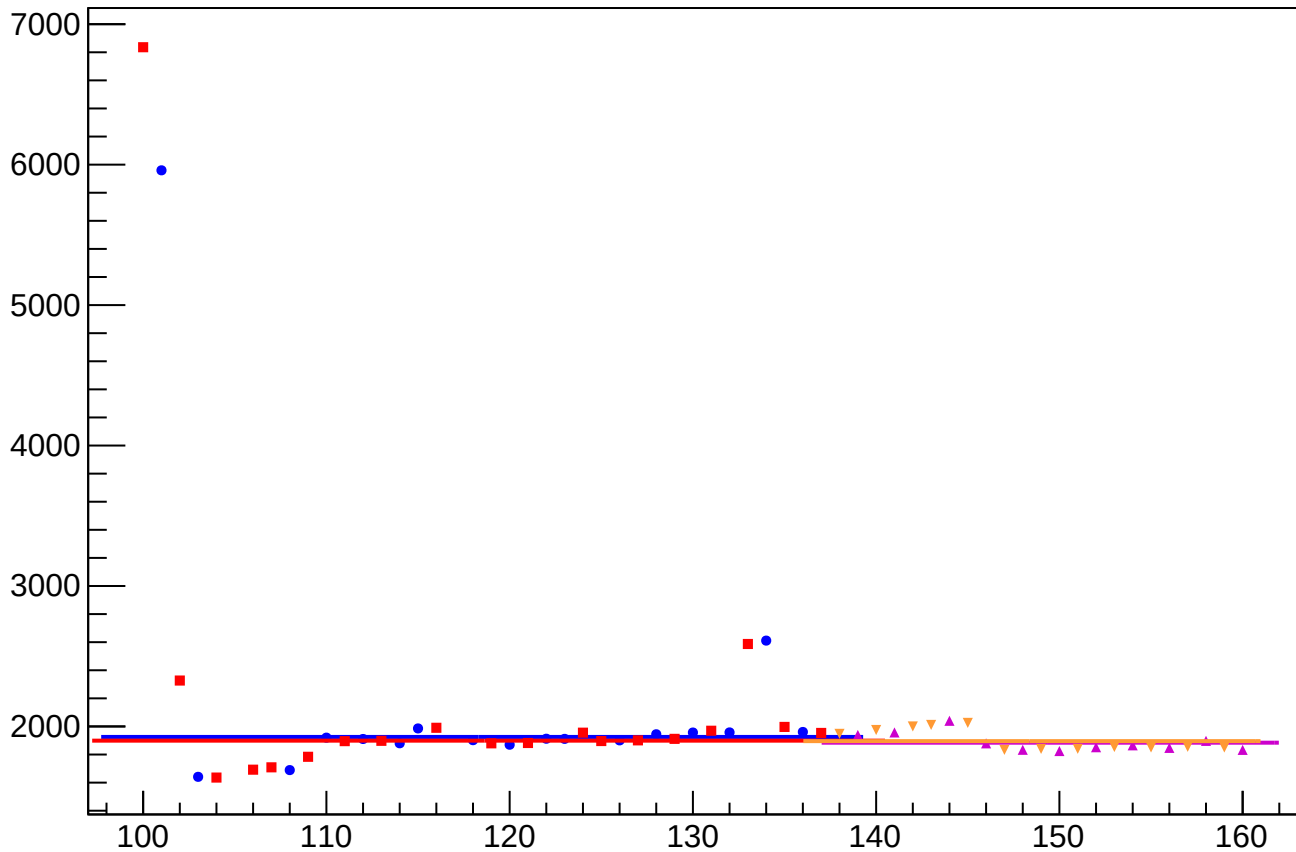
Right Out: -573.457 ± 730.668 $\chi^2/\text{NDF}: 8.7/18$

Left In: 288.698 ± 629.133 $\chi^2/\text{NDF}: 14.1/10$

387.727 ± 487.985 $\chi^2/\text{NDF}: 30.0/28$

-78.360 ± 476.754 $\chi^2/\text{NDF}: 23.6/29$

reg_asym_atr_dd_rms vs Slug



Right In: 1925.320+/-0.541 χ^2 /NDF: 615863.6/16

Left Out: 1895.428+/-0.448 χ^2 /NDF: 24798.9/11

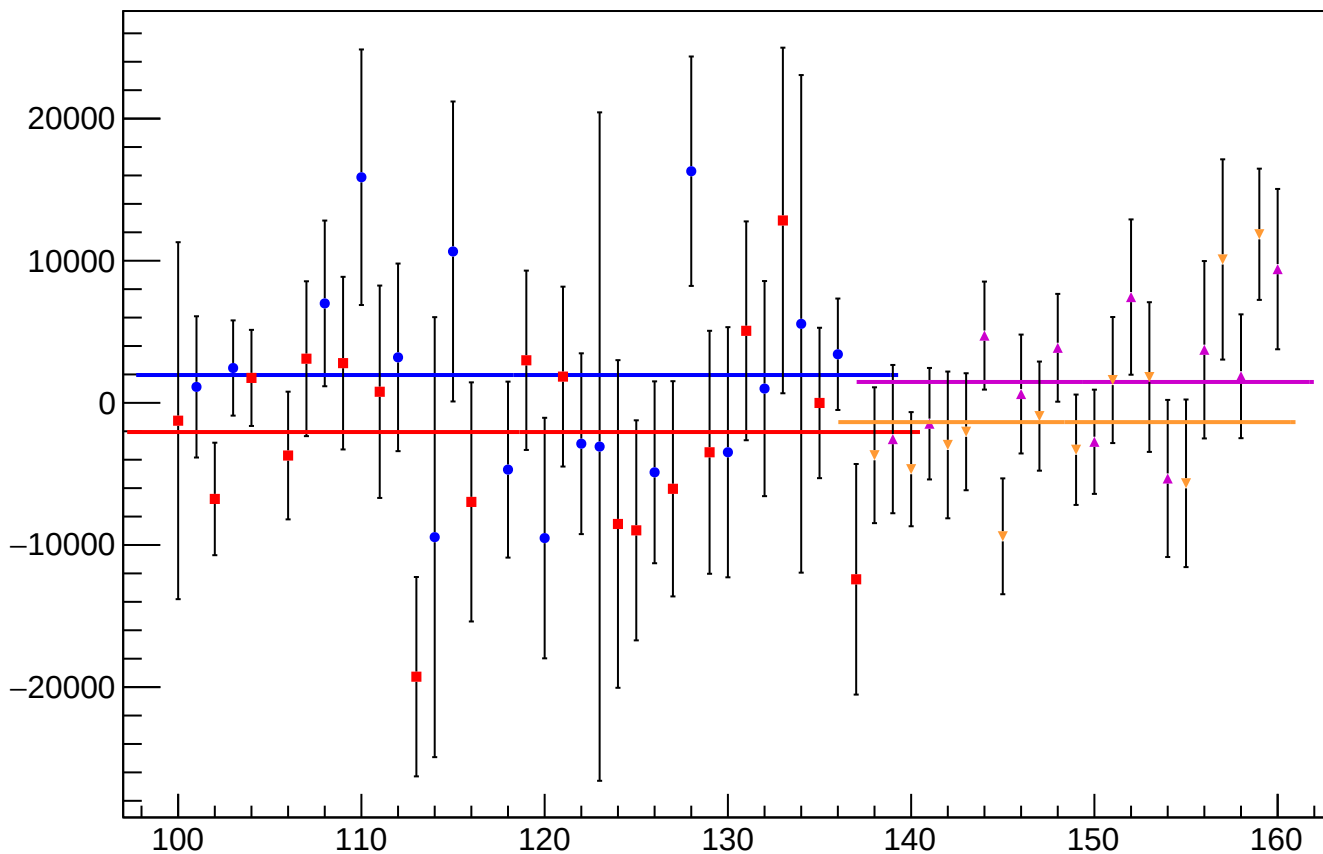
1907.582+/-0.345 χ^2 /NDF: 642473.3/28

Right Out: 1898.854+/-0.515 χ^2 /NDF: 210875.1/18

1890.563+/-0.337 χ^2 /NDF: 230514.1/29

Left In: 1884.388+/-0.445 χ^2 /NDF: 19187.7/10

asym_atr_dd_correction_mean vs Slug



Right In: 1959.060 $\pm$ 1556.840 χ^2 /NDF: 12.9/16

Left Out: -1354.414 $\pm$ 1313.660 χ^2 /NDF: 17.4/11

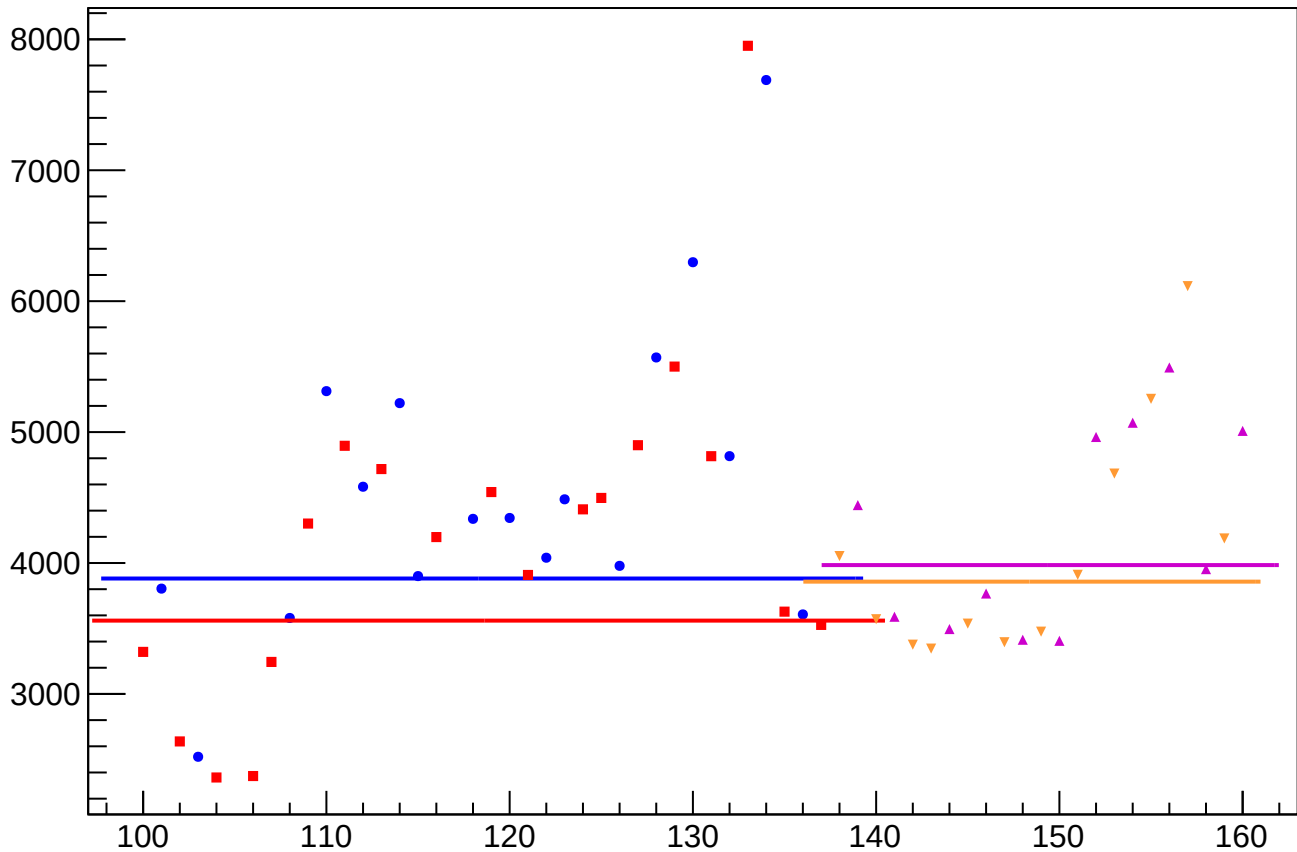
Right Out: -2052.842 $\pm$ 1413.641 χ^2 /NDF: 17.4/18

Left In: 1469.678 $\pm$ 1350.787 χ^2 /NDF: 8.5/10

23.615 $\pm$ 1003.995 χ^2 /NDF: 33.0/28

-211.532 $\pm$ 976.615 χ^2 /NDF: 29.2/29

asym_atr_dd_correction_rms vs Slug



Right In: 3881.577+/-1.101 χ^2/NDF : 817466.6/16

Left Out: 3857.685+/-0.929 χ^2/NDF : 499705.8/11

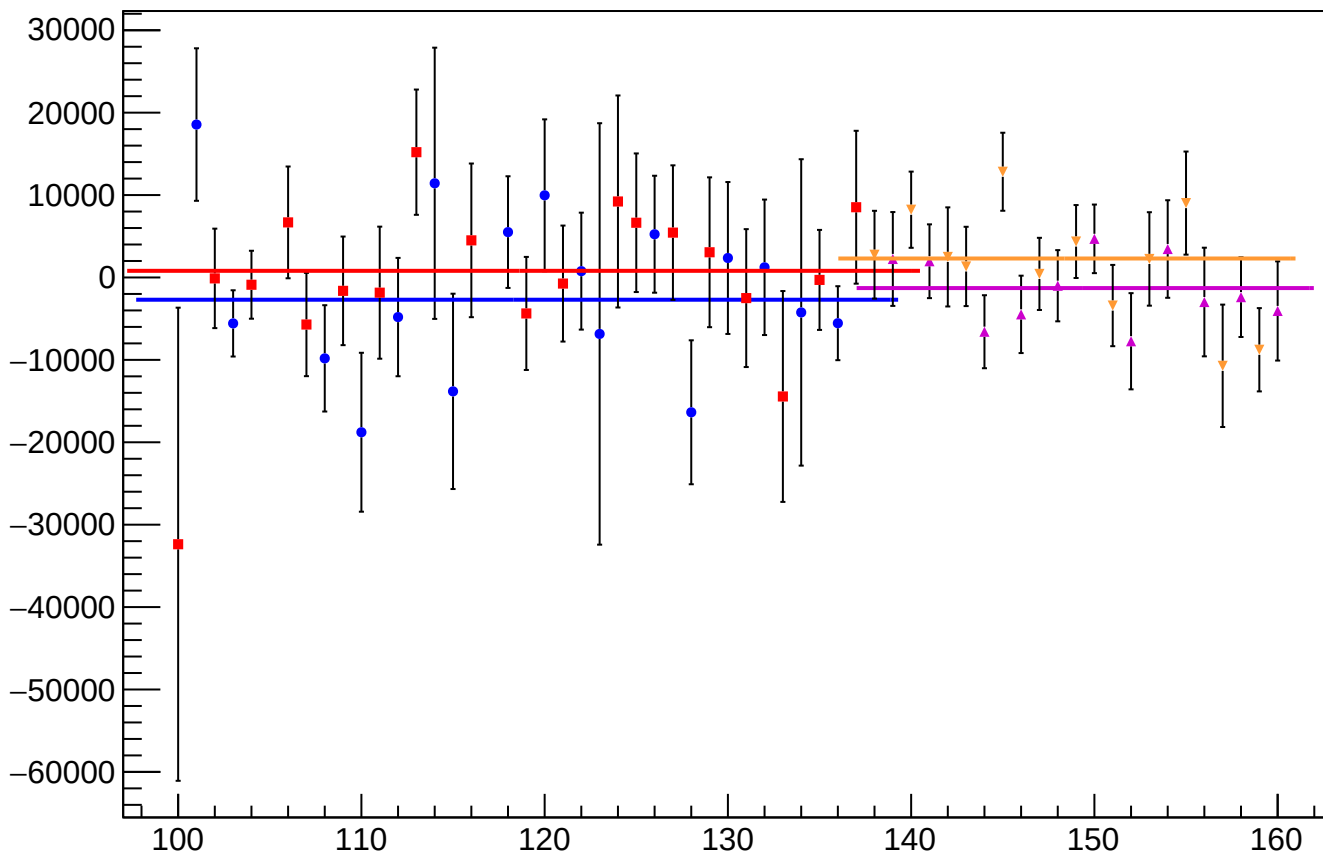
3867.622+/-0.710 χ^2/NDF : 1317447.6/28

Right Out: 3560.054+/-1.000 χ^2/NDF : 1241523.0/18

3781.752+/-0.691 χ^2/NDF : 1829365.7/29

Left In: 3984.174+/-0.955 χ^2/NDF : 493740.0/10

asym_atr_dd_mean vs Slug



Right In: -2700.702 $\pm$ 1809.055 χ^2 /NDF: 19.8/16

Left Out: 2301.604 $\pm$ 1481.335 χ^2 /NDF: 17.4/11

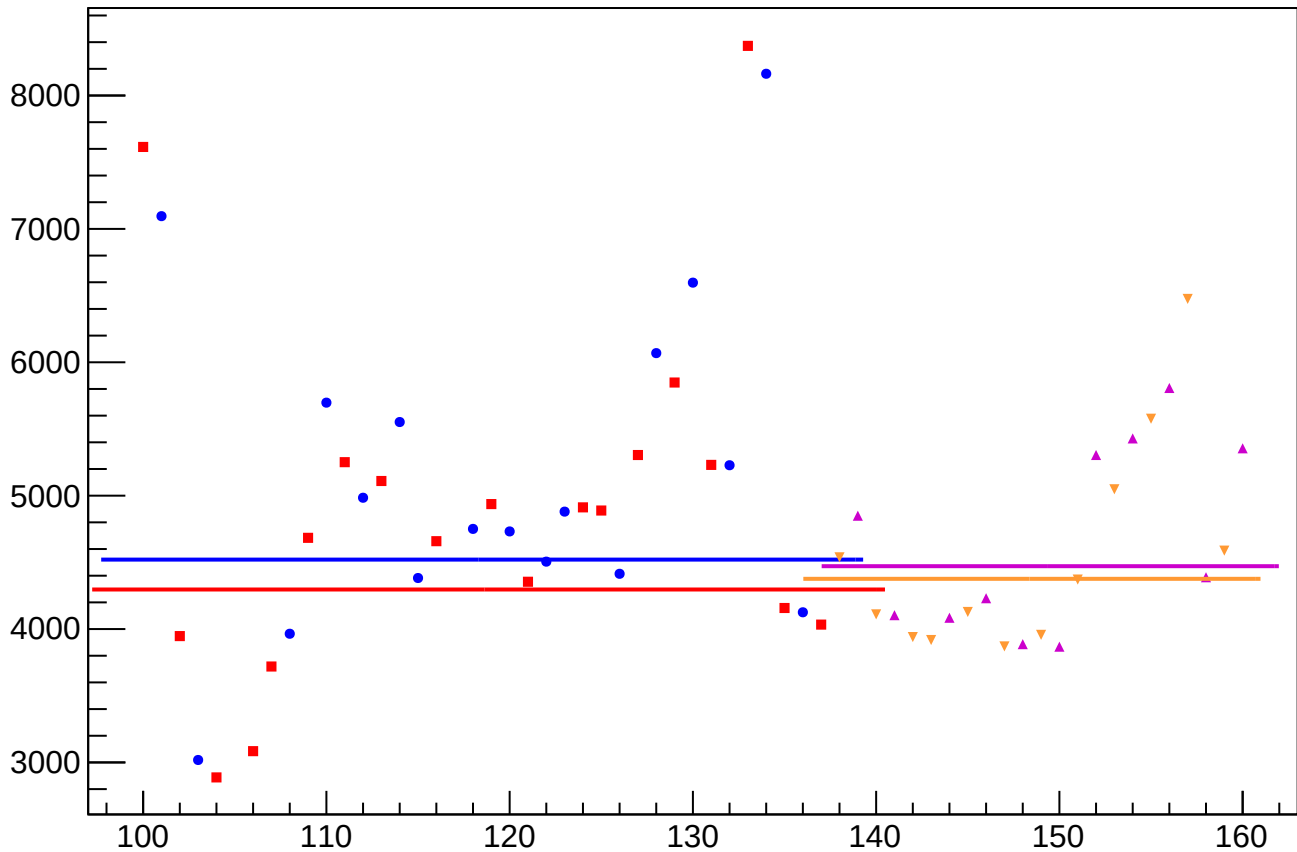
Right Out: 805.951 $\pm$ 1690.353 χ^2 /NDF: 11.6/18

Left In: -1287.276 $\pm$ 1508.210 χ^2 /NDF: 7.1/10

293.783 $\pm$ 1146.118 χ^2 /NDF: 41.7/28

-359.477 $\pm$ 1125.373 χ^2 /NDF: 19.5/29

asym_atr_dd_rms vs Slug



Right In: 4520.685+/-1.279 χ^2/NDF : 770887.4/16

Left Out: 4376.590+/-1.047 χ^2/NDF : 352328.7/11

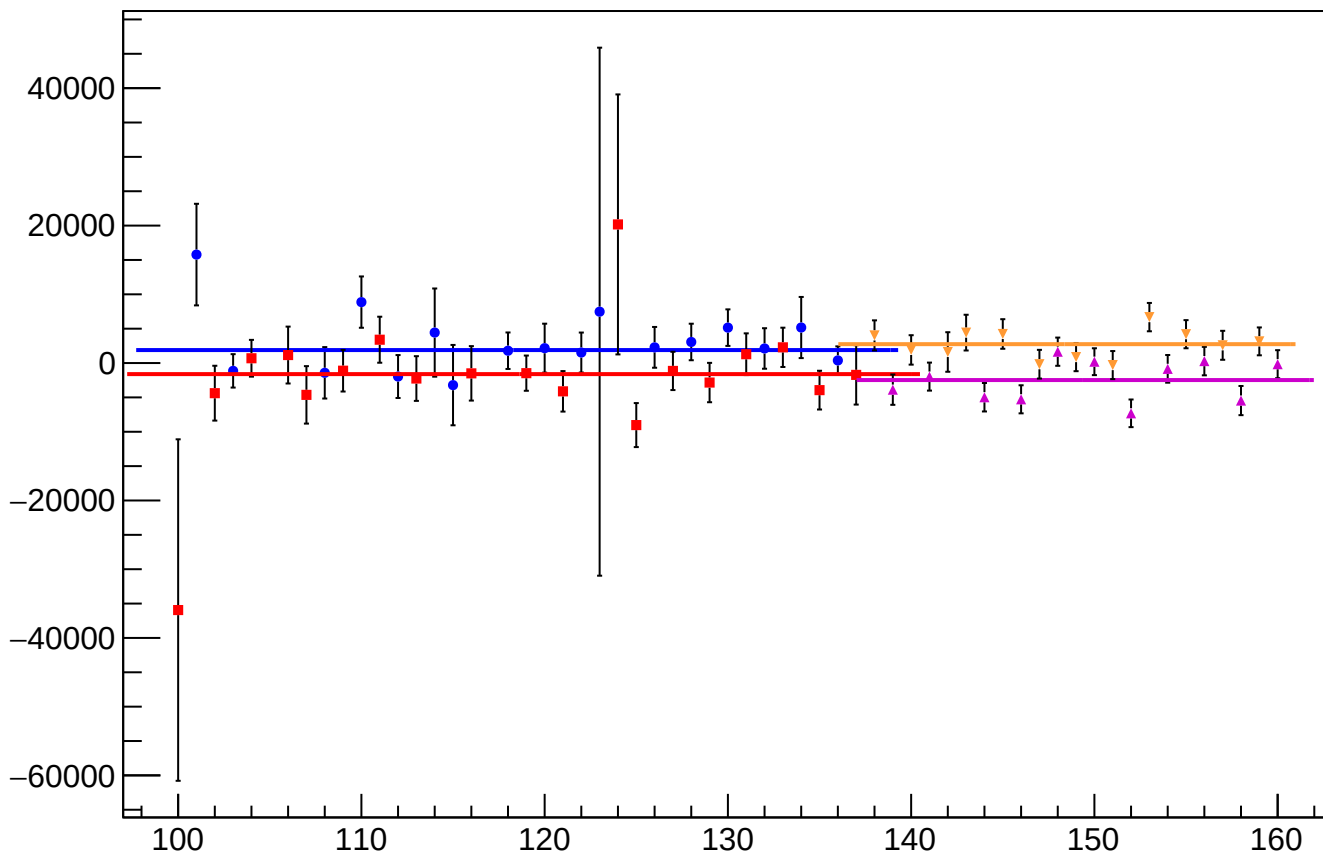
4434.427+/-0.810 χ^2/NDF : 1130811.8/28

Right Out: 4296.527+/-1.189 χ^2/NDF : 771785.2/18

4393.354+/-0.794 χ^2/NDF : 1124174.8/29

Left In: 4471.301+/-1.066 χ^2/NDF : 340411.6/10

reg_asym_at1_avg_mean vs Slug



Right In: 1887.915 $\pm$ 783.827 χ^2 /NDF: 14.7/16

Left Out: 2747.462 $\pm$ 624.880 χ^2 /NDF:10.7/11

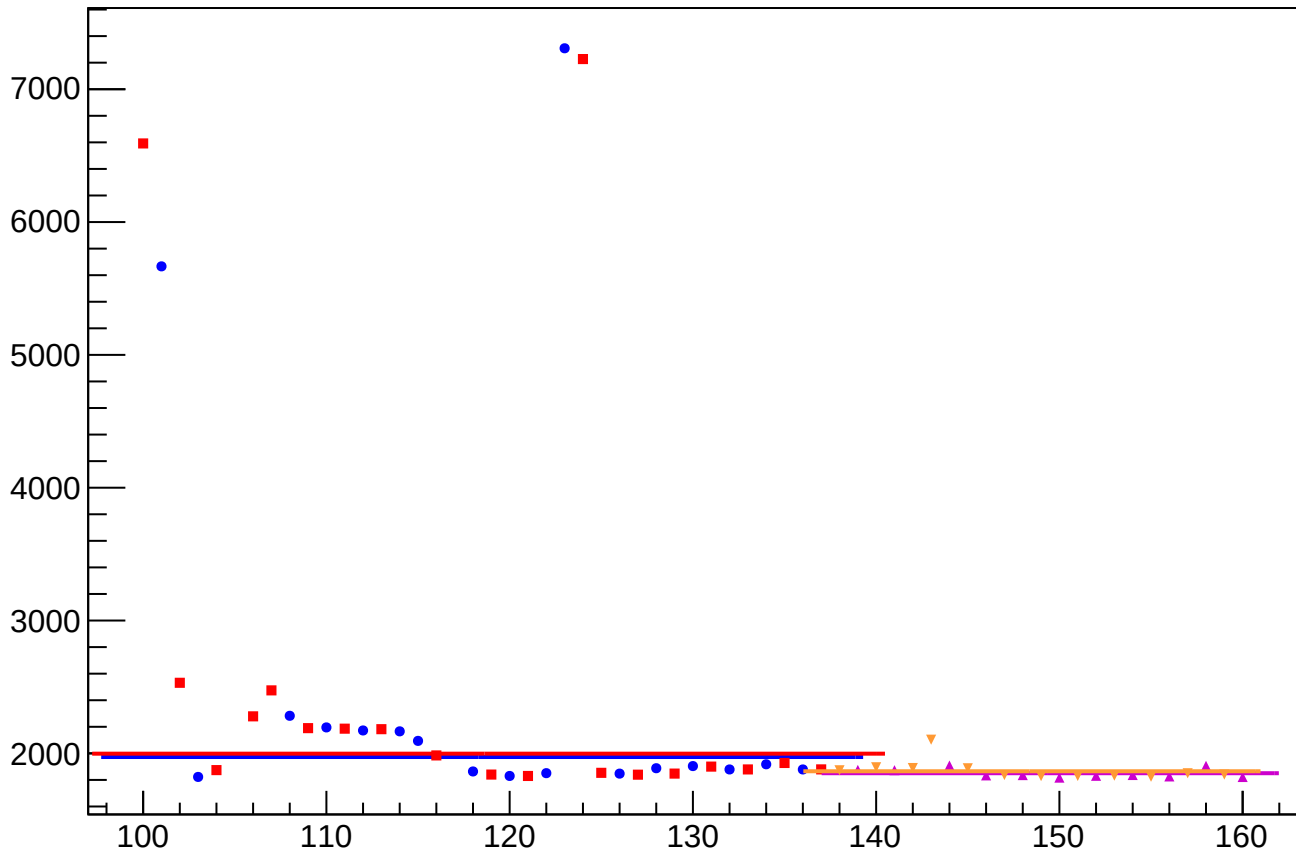
Right Out: -1610.310 $\pm$ 765.843 χ^2 /NDF: 17.5/18

Left In: -2476.031 $\pm$ 619.249 χ^2 /NDF:21.2/10

2413.454 $\pm$ 488.612 χ^2 /NDF: 26.1/28

-2133.781 $\pm$ 481.529 χ^2 /NDF: 39.5/29

reg_asym_at1_avg_rms vs Slug



Right In: 1972.484+/-0.554 χ^2/NDF : 600869.6/16

Left Out: 1865.246+/-0.442 χ^2/NDF : 20847.2/11

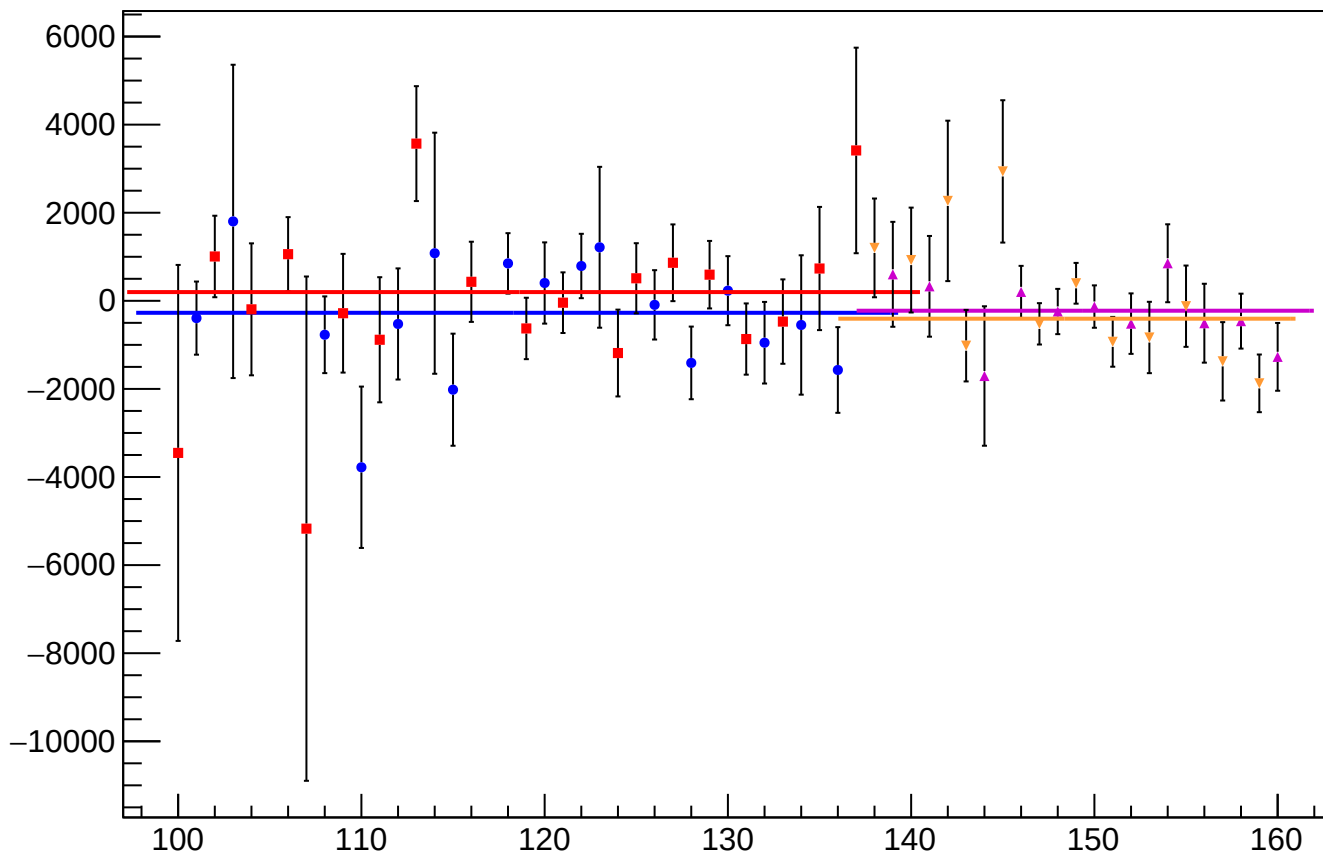
Right Out: 1997.647+/-0.542 χ^2/NDF : 355572.5/18

Left In: 1850.511+/-0.438 χ^2/NDF : 5176.4/10

1906.917+/-0.346 χ^2/NDF : 644605.5/28

1908.679+/-0.340 χ^2/NDF : 405387.1/29

asym_at1_avg_correction_mean vs Slug



Right In: -271.773+/-240.214 χ^2/NDF : 17.2/16

Left Out: -405.864+/-211.583 χ^2/NDF : 20.8/11

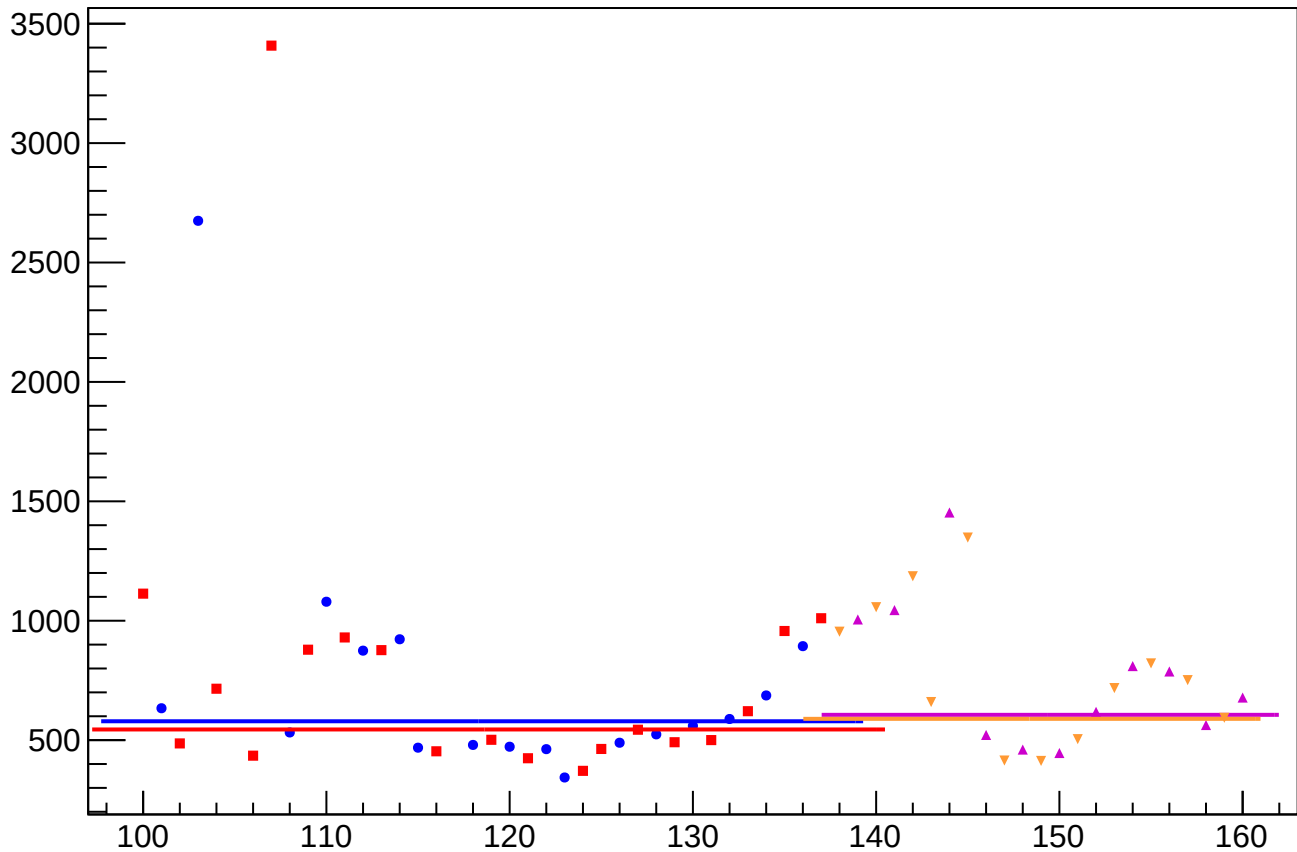
Right Out: 198.424+/-229.035 χ^2/NDF : 19.7/18

Left In: -224.678+/-214.470 χ^2/NDF : 5.9/10

-347.282+/-158.774 χ^2/NDF : 38.2/28

-27.008+/-156.549 χ^2/NDF : 27.5/29

asym_at1_avg_correction_rms vs Slug



Right In: 579.010+/-0.170 χ^2/NDF : 1422148.6/16

Left Out: 589.156+/-0.150 χ^2/NDF : 2047800.4/11

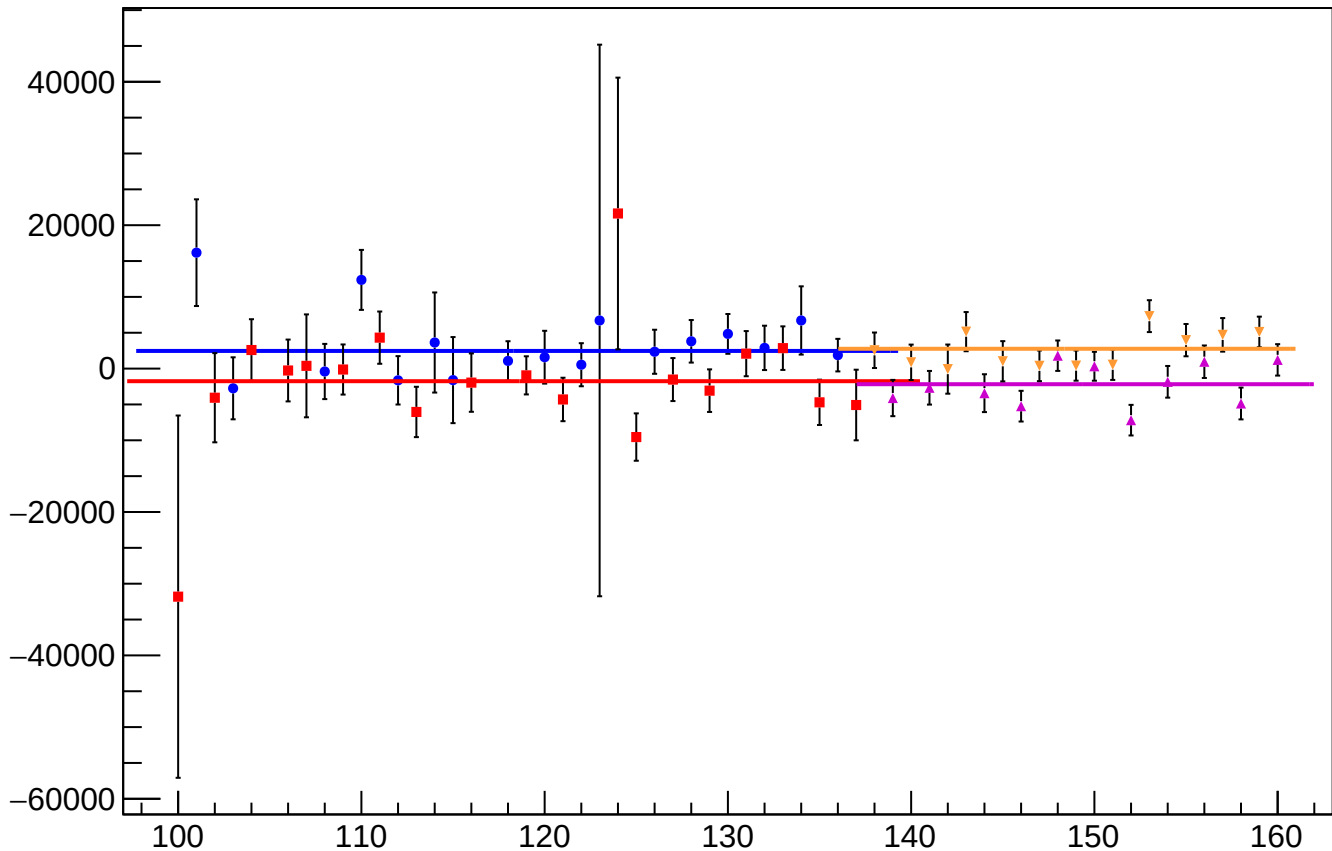
Right Out: 544.674+/-0.162 χ^2/NDF : 1457799.9/18

Left In: 605.918+/-0.152 χ^2/NDF : 1729671.2/10

584.723+/-0.112 χ^2/NDF : 3471957.9/28

577.305+/-0.111 χ^2/NDF : 3263665.3/29

asym_at1_avg_mean vs Slug



Right In: 2464.076+/-863.197 χ^2/NDF : 15.5/16

Left Out: 2764.420+/-683.471 χ^2/NDF : 12.4/11

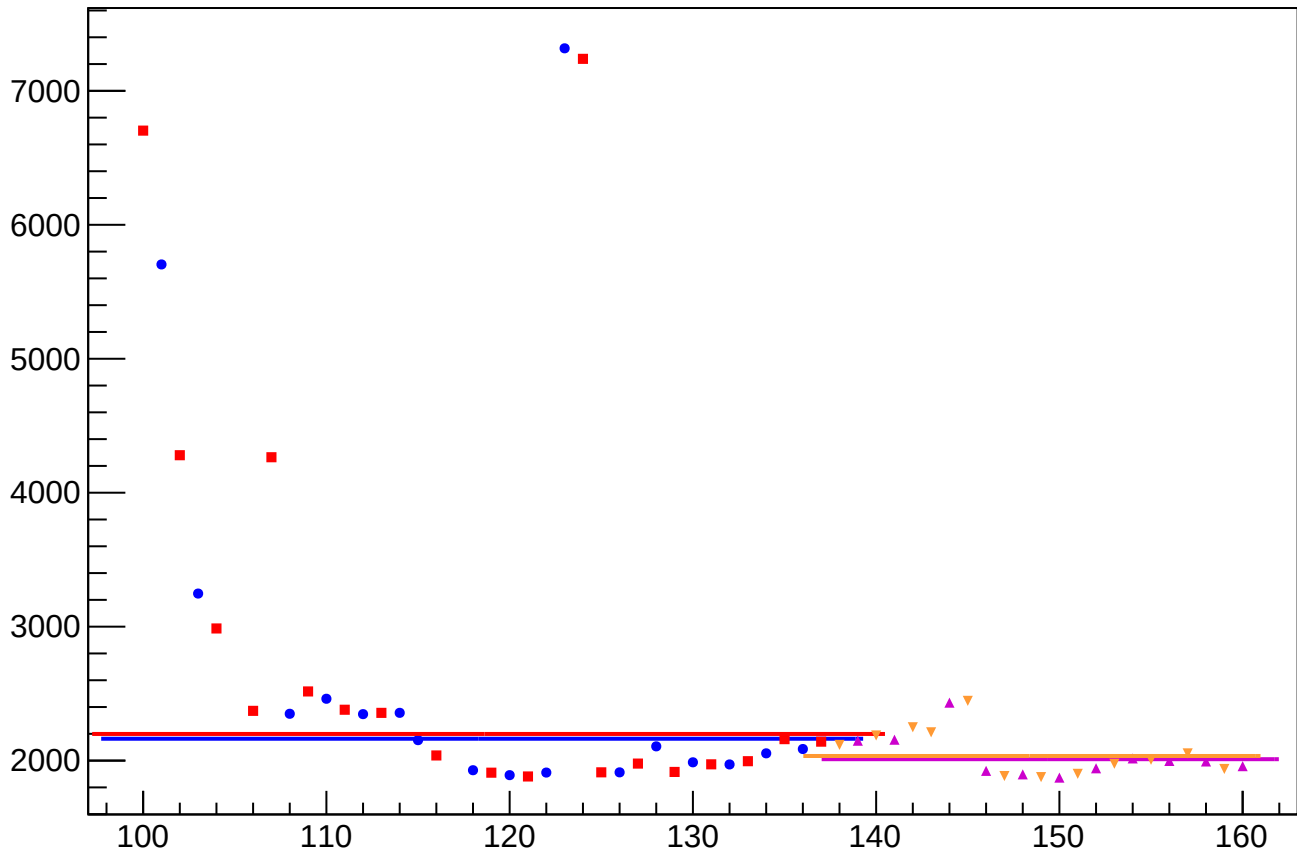
Right Out: -1756.788+/-853.292 χ^2/NDF : 20.5/18

Left In: -2177.339+/-674.359 χ^2/NDF : 19.3/10

2648.684+/-535.840 χ^2/NDF : 28.0/28

-2015.656+/-529.079 χ^2/NDF : 39.9/29

asym_at1_avg_rms vs Slug



Right In: 2163.303+/-0.610 χ^2/NDF : 709584.4/16

Left Out: 2034.491+/-0.483 χ^2/NDF : 103990.4/11

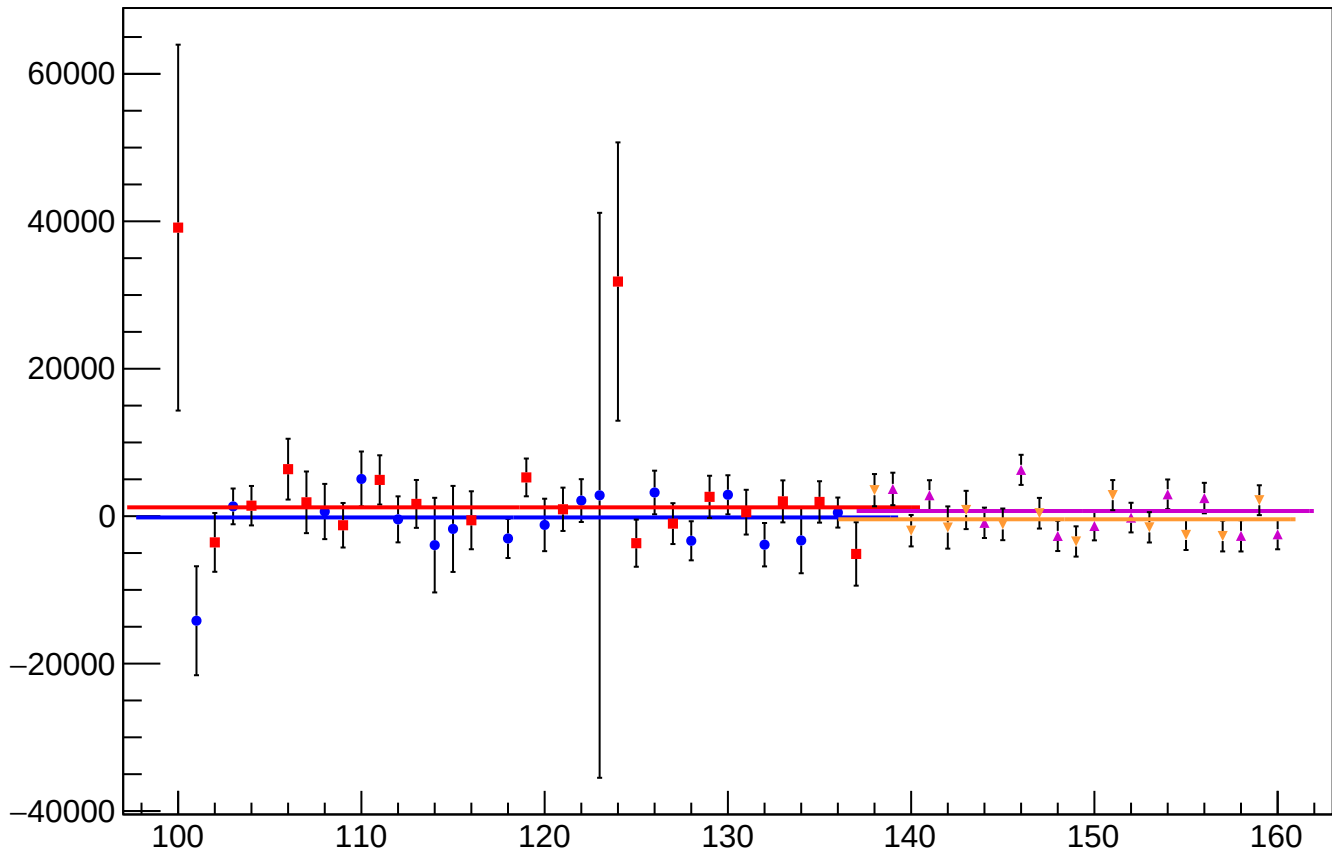
Right Out: 2199.003+/-0.603 χ^2/NDF : 803297.2/18

Left In: 2010.584+/-0.477 χ^2/NDF : 86442.8/10

2084.128+/-0.379 χ^2/NDF : 840949.5/28

2083.023+/-0.374 χ^2/NDF : 949766.9/29

reg_asym_at1_dd_mean vs Slug



Right In: -170.351 ± 782.384 χ^2/NDF : 14.5/16

Left Out: -423.271 ± 623.523 χ^2/NDF : 13.3/11

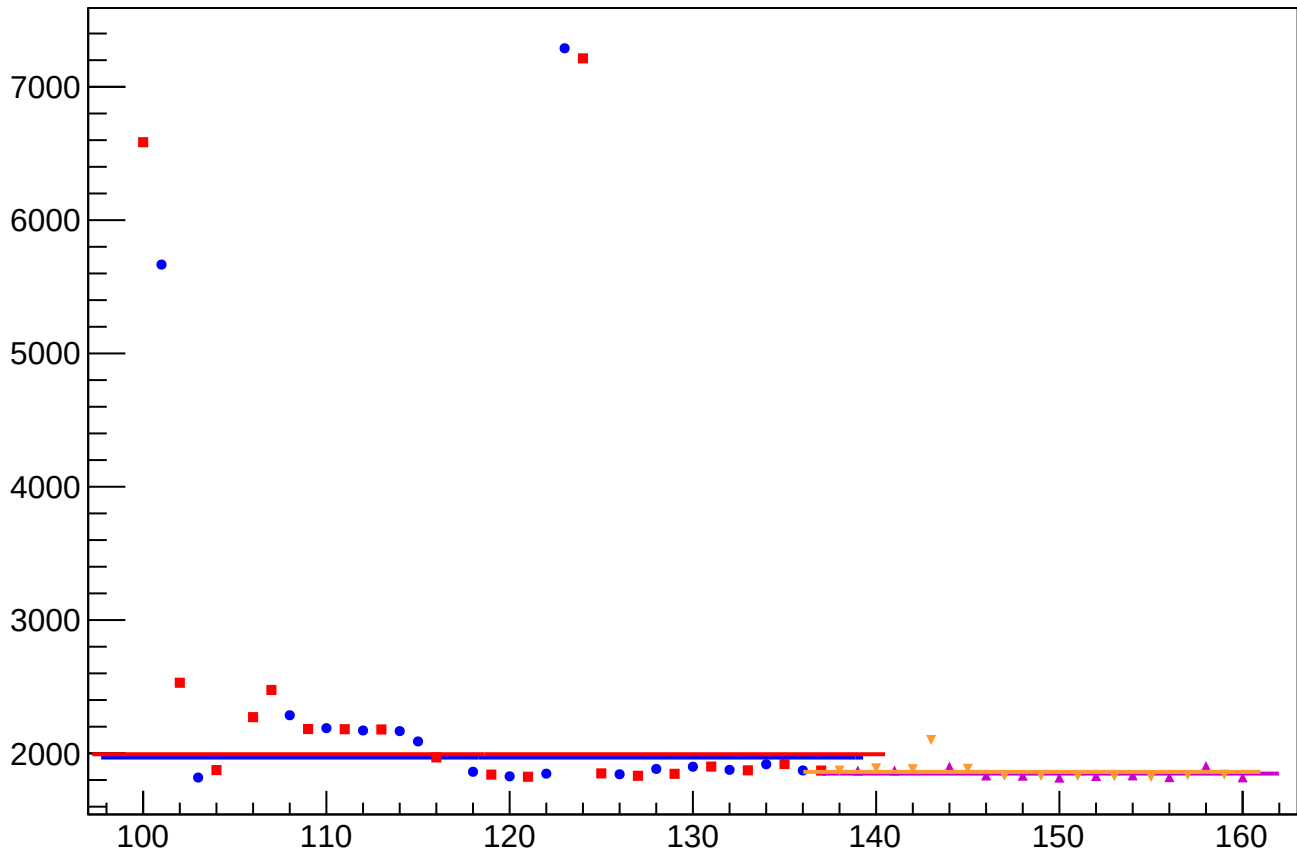
Right Out: 1197.543 ± 764.254 χ^2/NDF : 18.2/18

Left In: 700.620 ± 618.436 χ^2/NDF : 21.9/10

-325.030 ± 487.614 χ^2/NDF : 27.9/28

897.253 ± 480.752 χ^2/NDF : 40.4/29

reg_asym_at1_dd_rms vs Slug



Right In: 1968.632 $\pm$ 0.553 χ^2 /NDF: 602972.8/16

Left Out: 1861.232 $\pm$ 0.441 χ^2 /NDF: 20701.4/11

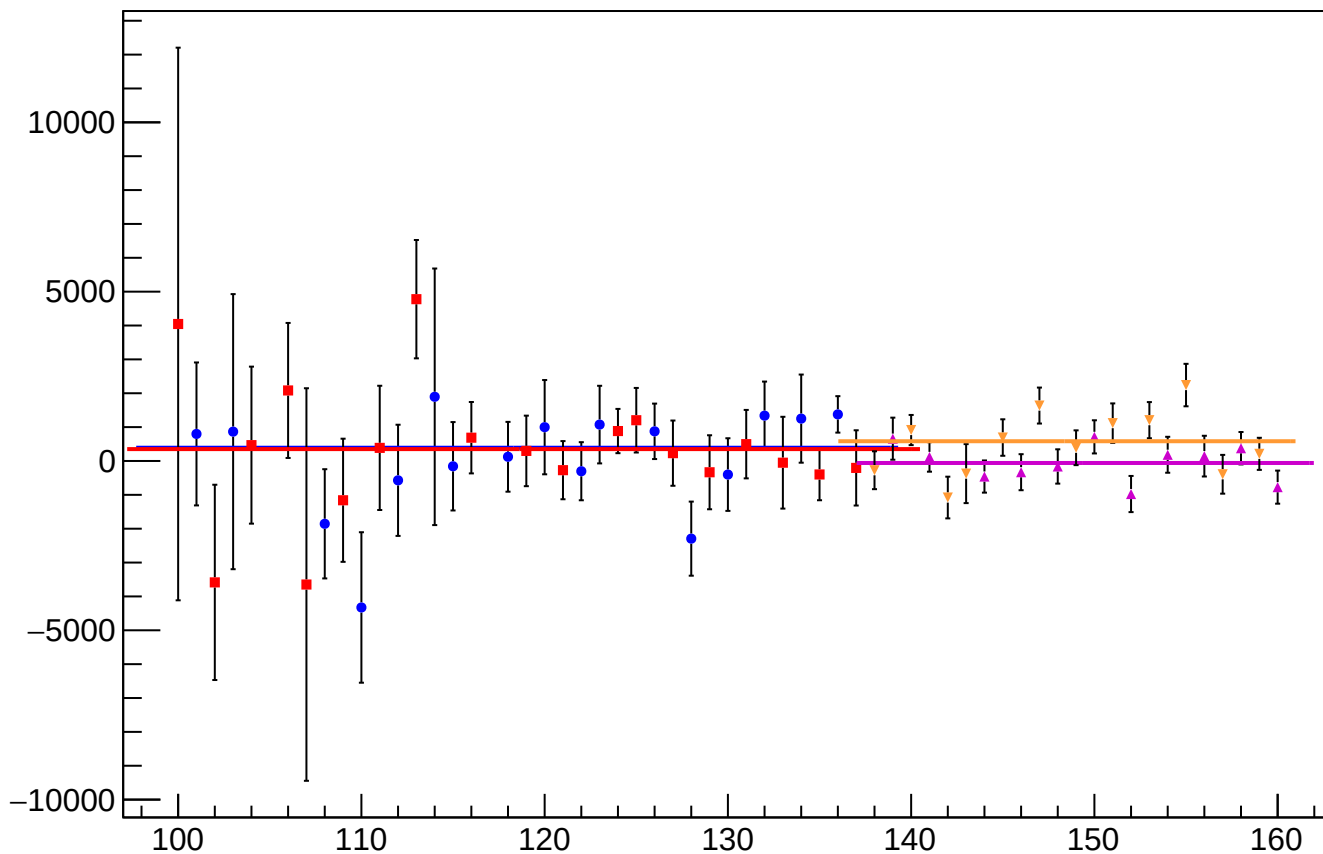
1902.949 $\pm$ 0.345 χ^2 /NDF: 646723.0/28

Right Out: 1993.422 $\pm$ 0.540 χ^2 /NDF: 356172.4/18

1905.603 $\pm$ 0.340 χ^2 /NDF: 404689.2/29

Left In: 1848.099 $\pm$ 0.437 χ^2 /NDF: 4817.4/10

asym_at1_dd_correction_mean vs Slug



Right In: 390.923+/-270.128 χ^2/NDF : 20.0/16

Left Out: 583.062+/-159.151 χ^2/NDF :28.2/11

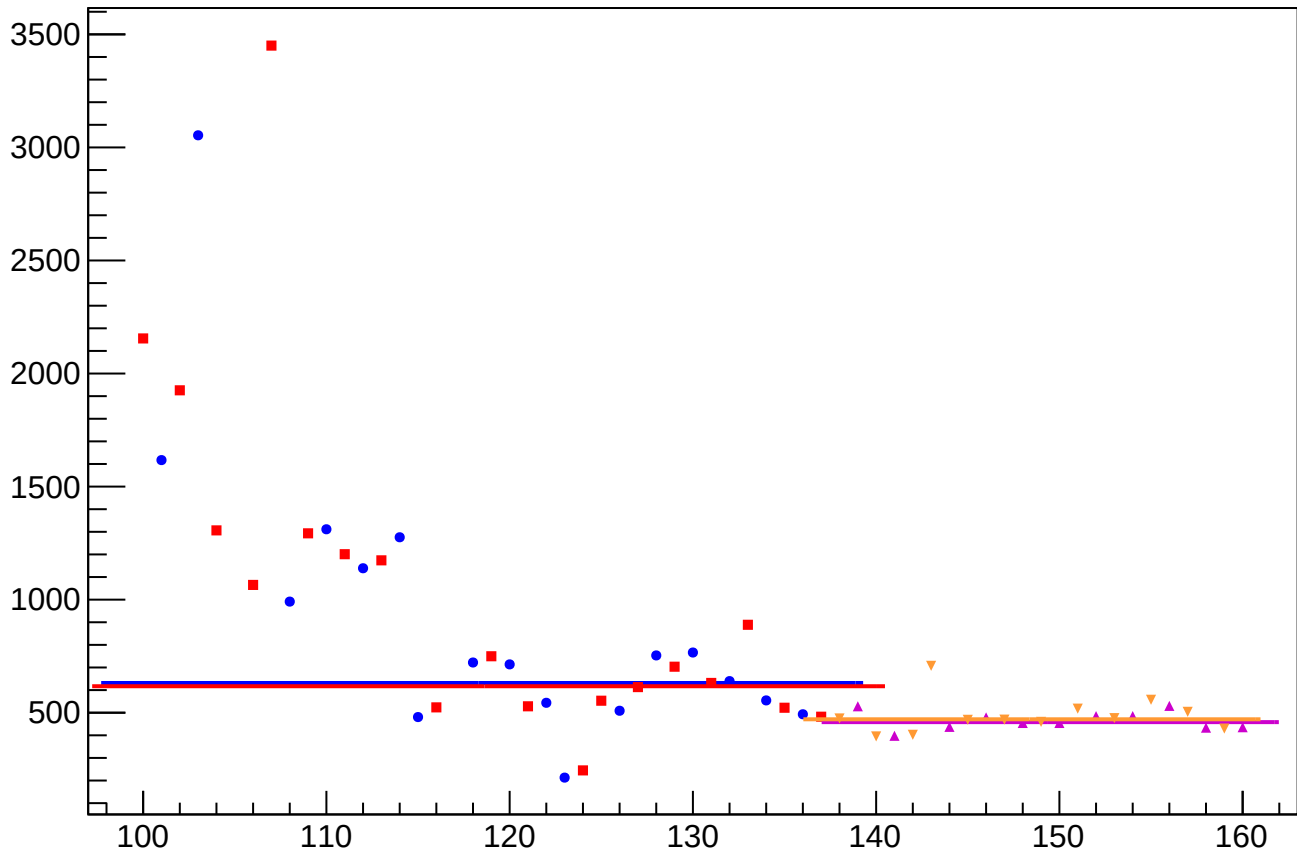
Right Out: 350.642+/-266.097 χ^2/NDF : 14.2/18

Left In: -59.197+/-153.807 χ^2/NDF :11.2/10

533.553+/-137.122 χ^2/NDF : 48.6/28

43.439+/-133.163 χ^2/NDF : 27.3/29

asym_at1_dd_correction_rms vs Slug



Right In: 631.430 $\pm$ 0.191 χ^2 /NDF: 2260692.7/16

Left Out: 470.843 $\pm$ 0.113 χ^2 /NDF: 303921.4/11

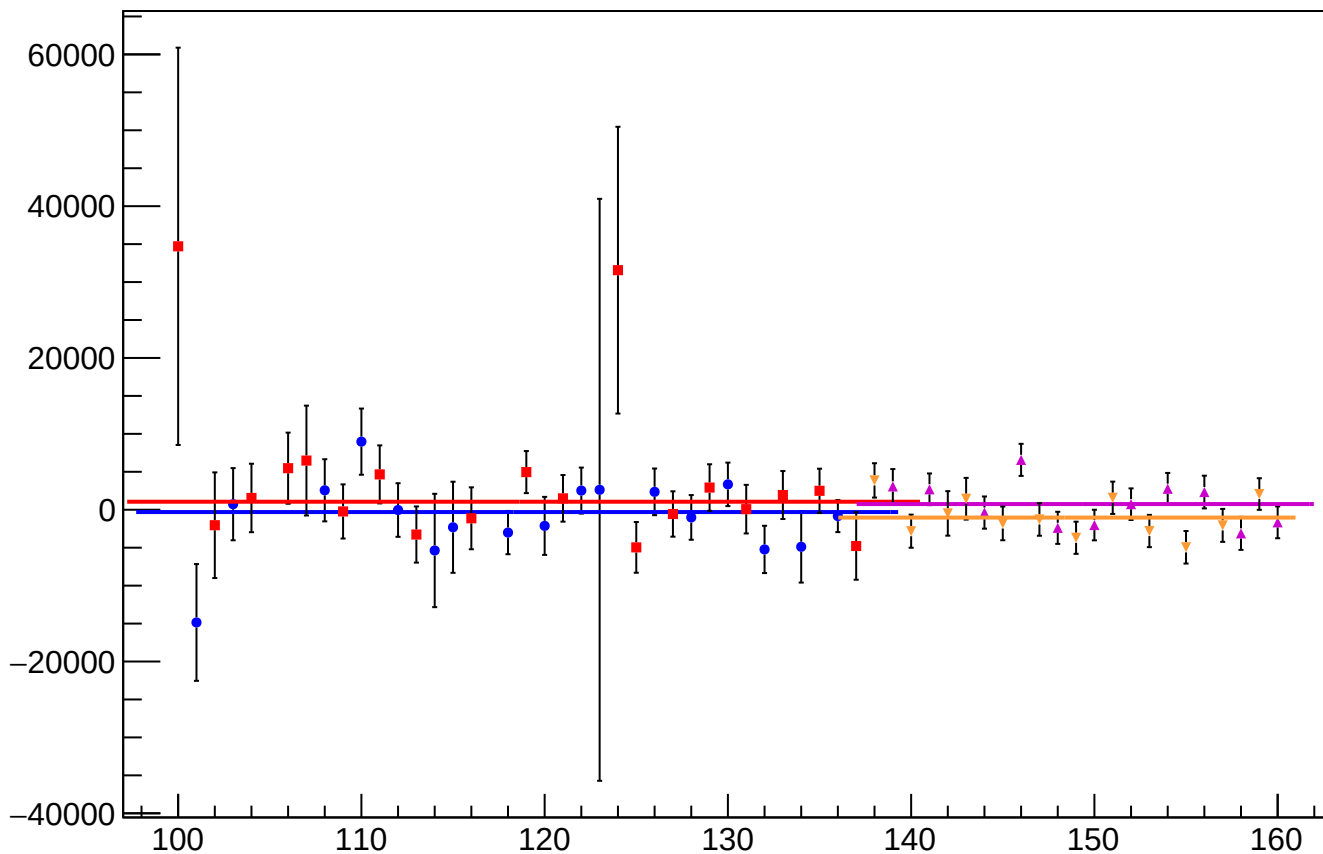
Right Out: 617.035 $\pm$ 0.188 χ^2 /NDF: 2802149.9/18

Left In: 458.337 $\pm$ 0.109 χ^2 /NDF: 119246.4/10

512.223 $\pm$ 0.097 χ^2 /NDF: 3089300.5/28

498.080 $\pm$ 0.094 χ^2 /NDF: 3454618.9/29

asym_at1_dd_mean vs Slug



Right In: -305.713 ± 871.922 χ^2/NDF : 17.2/16

Left Out: -1032.456 ± 645.739 χ^2/NDF : 15.9/11

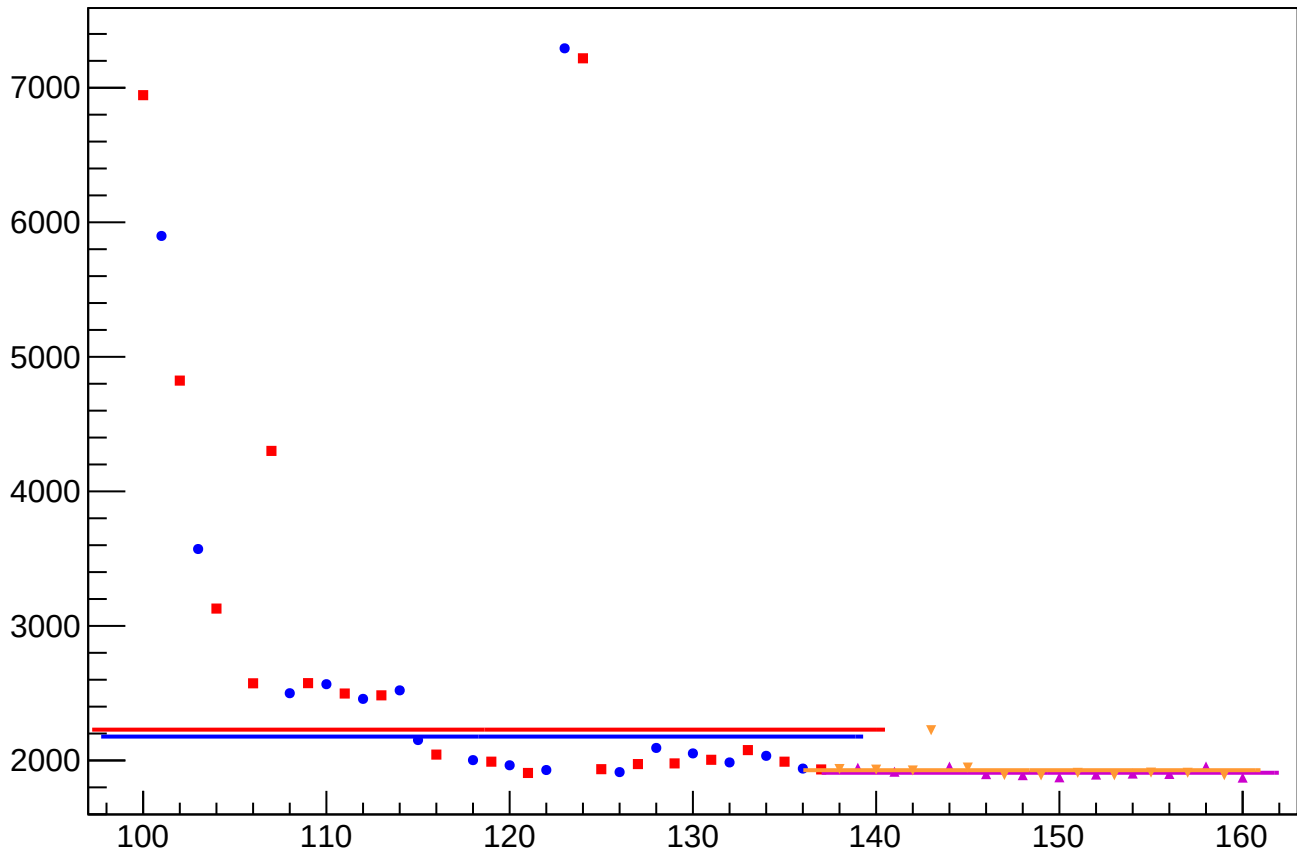
Right Out: 1056.856 ± 867.445 χ^2/NDF : 16.6/18

Left In: 748.447 ± 638.569 χ^2/NDF : 19.8/10

-775.040 ± 518.925 χ^2/NDF : 33.5/28

856.839 ± 514.254 χ^2/NDF : 36.5/29

asym_at1_dd_rms vs Slug



Right In: 2177.446 $\pm$ 0.617 χ^2 /NDF: 802836.7/16

Left Out: 1927.494 $\pm$ 0.457 χ^2 /NDF: 26517.9/11

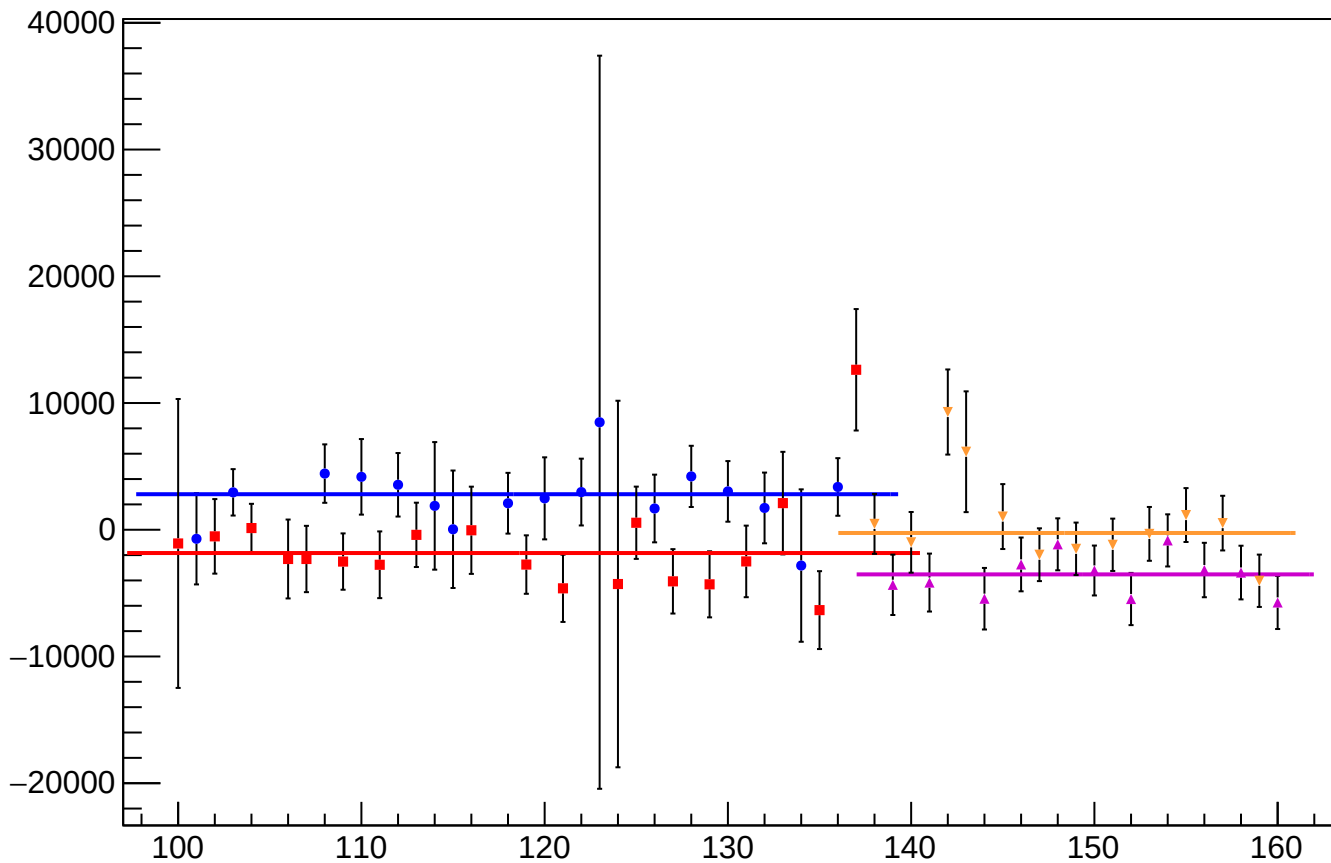
Right Out: 2229.014 $\pm$ 0.613 χ^2 /NDF: 895809.1/18

Left In: 1908.528 $\pm$ 0.452 χ^2 /NDF: 3886.2/10

2016.028 $\pm$ 0.367 χ^2 /NDF: 935496.0/28

2021.165 $\pm$ 0.364 χ^2 /NDF: 1076749.0/29

reg_asym_at2_avg_mean vs Slug



Right In: 2803.917+/-678.548 χ^2/NDF : 3.9/16

Left Out: -255.142+/-669.717 χ^2/NDF : 15.5/11

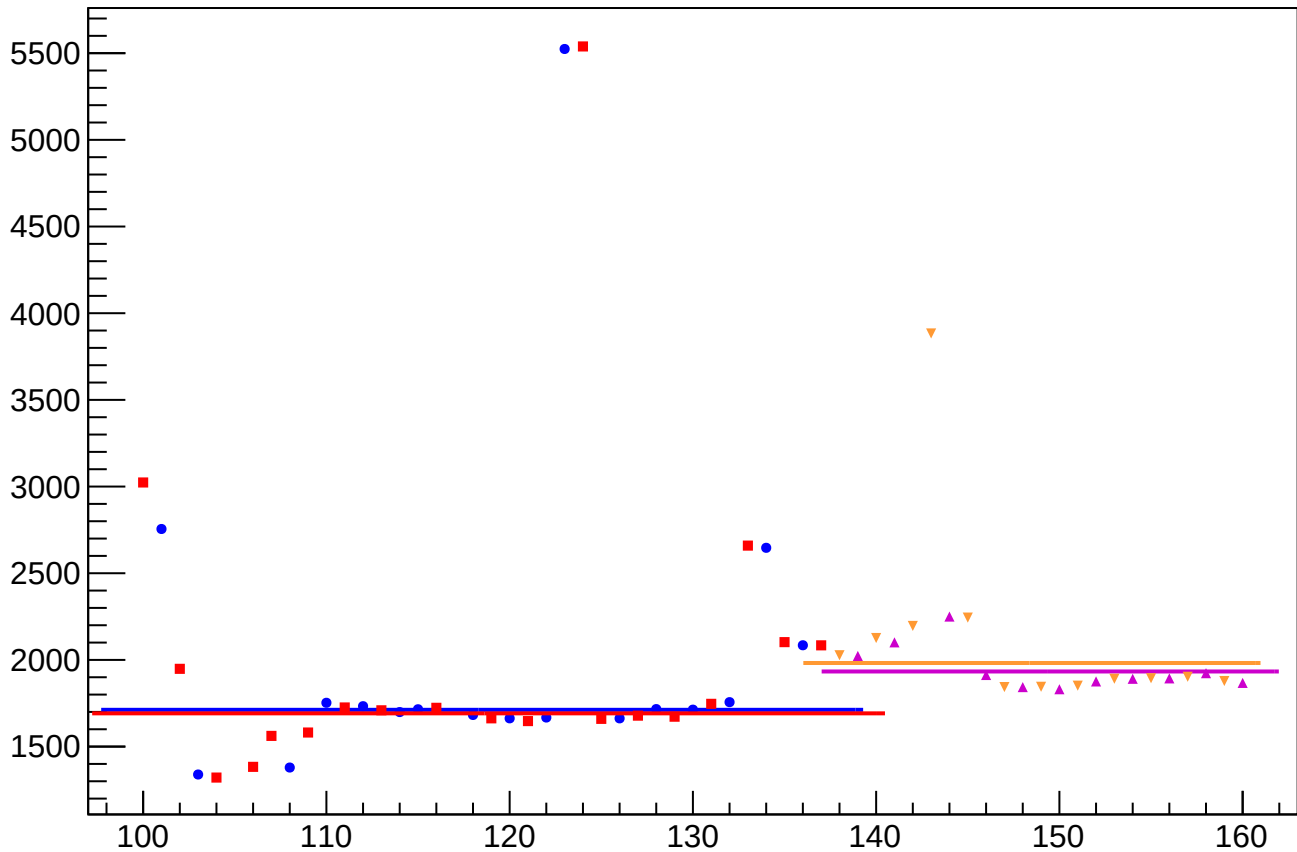
Right Out: -1837.168+/-655.307 χ^2/NDF : 18.0/18

Left In: -3522.058+/-646.198 χ^2/NDF : 6.1/10

1254.352+/-476.653 χ^2/NDF : 29.7/28

-2691.404+/-460.118 χ^2/NDF : 27.5/29

reg_asym_at2_avg_rms vs Slug



Right In: 1712.154 ± 0.480 χ^2/NDF : 432478.4/16

Left Out: 1982.245 ± 0.474 χ^2/NDF : 395840.3/11

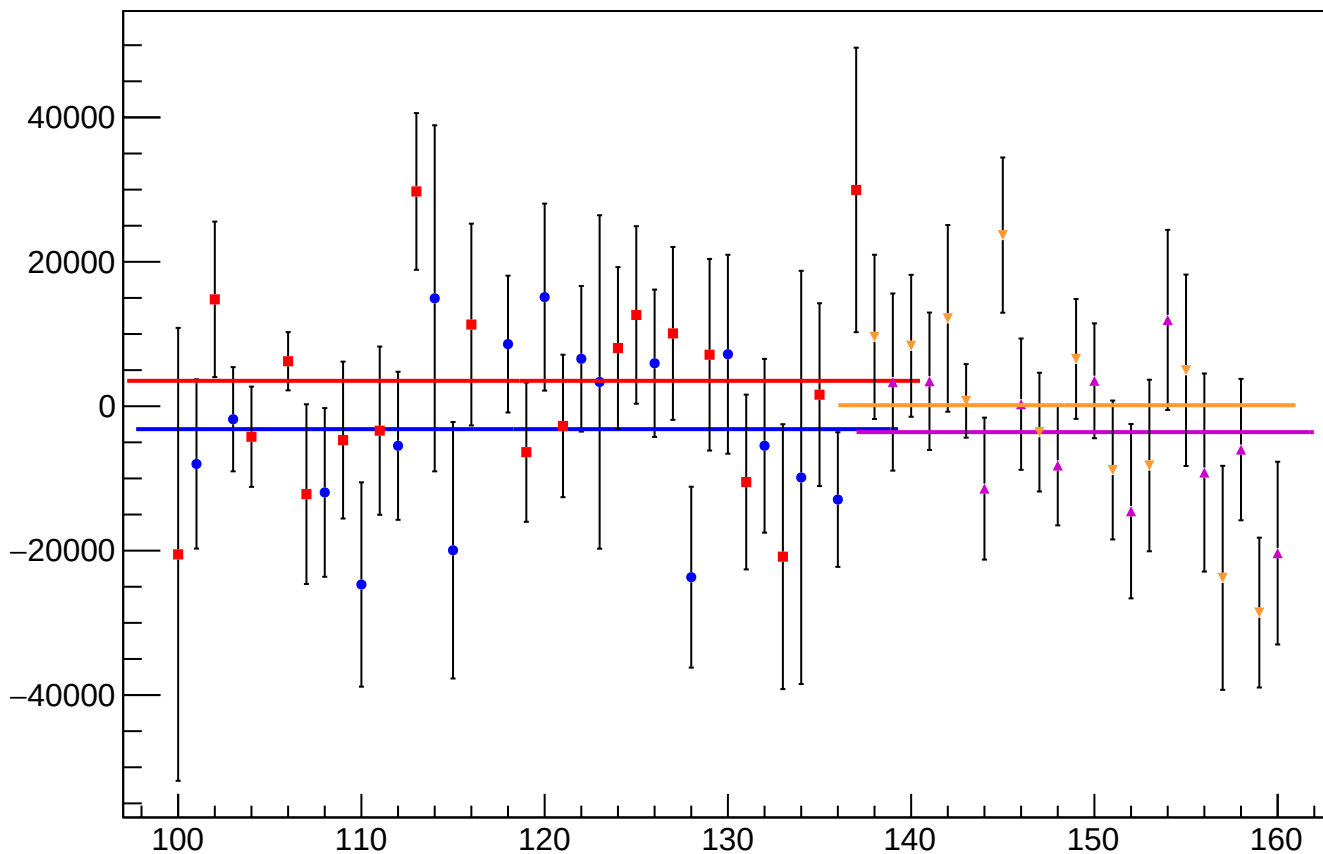
Right Out: 1691.747 ± 0.463 χ^2/NDF : 454922.1/18

Left In: 1933.273 ± 0.457 χ^2/NDF : 62216.4/10

1848.968 ± 0.337 χ^2/NDF : 988832.3/28

1814.199 ± 0.325 χ^2/NDF : 654885.2/29

asym_at2_avg_correction_mean vs Slug



Right In: -3173.245 ± 2851.982 $\chi^2/\text{NDF}: 14.4/16$

Left Out: 147.075 ± 2695.421 $\chi^2/\text{NDF}: 19.4/11$

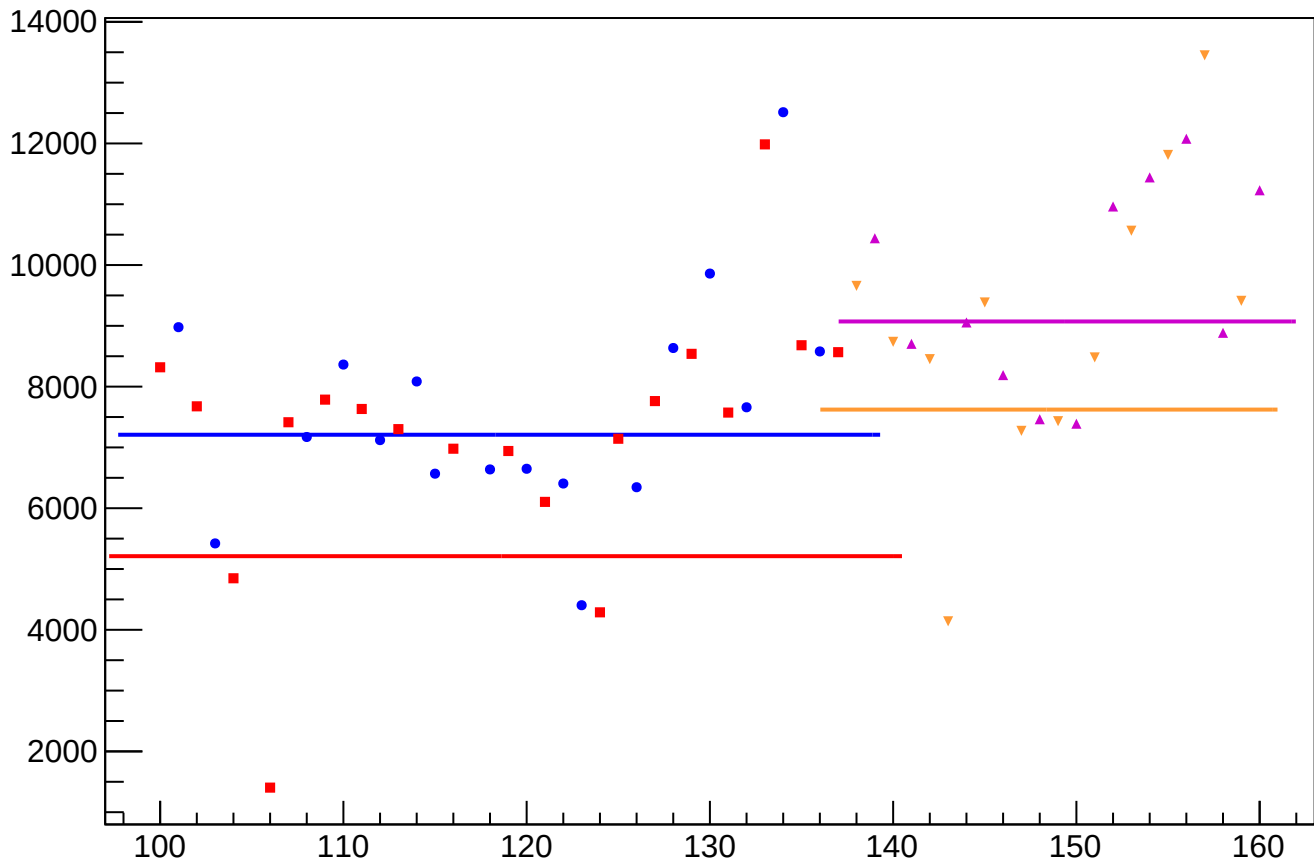
Right Out: 3520.105 ± 2266.532 $\chi^2/\text{NDF}: 19.5/18$

Left In: -3584.245 ± 3075.000 $\chi^2/\text{NDF}: 7.1/10$

-1419.453 ± 1958.961 $\chi^2/\text{NDF}: 34.5/28$

1019.128 ± 1824.474 $\chi^2/\text{NDF}: 30.1/29$

asym_at2_avg_correction_rms vs Slug



Right In: 7208.567+/-2.017 χ^2/NDF : 469302.0/16

Left Out: 7622.374+/-1.906 χ^2/NDF :1772066.0/11

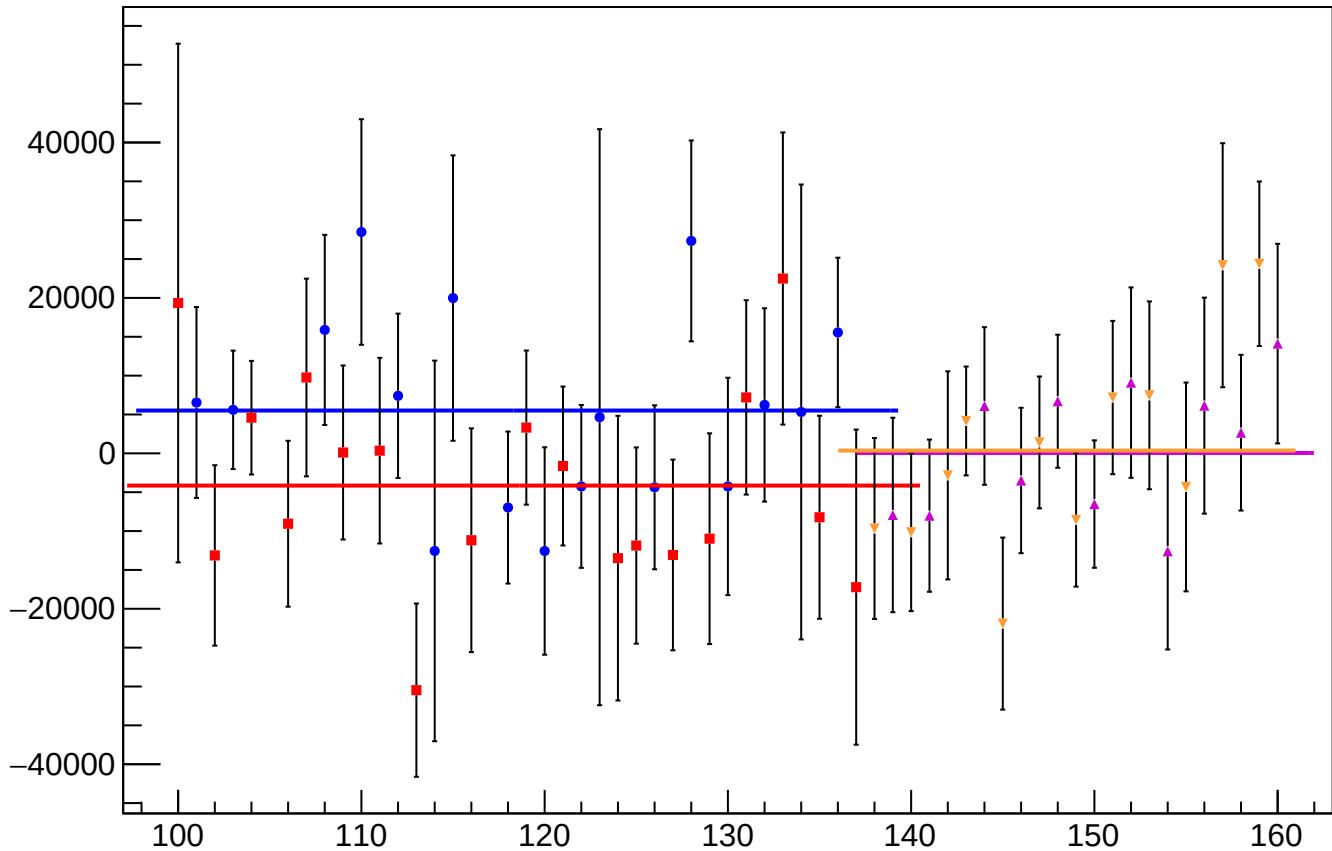
Right Out: 5211.187+/-1.603 χ^2/NDF : 3196870.2/18

Left In: 9071.782+/-2.174 χ^2/NDF :487455.3/10

7427.140+/-1.385 χ^2/NDF : 2263607.7/28

6570.250+/-1.290 χ^2/NDF : 5727004.6/29

asym_at2_avg_mean vs Slug



Right In: 5509.395+/-2971.033 χ^2/NDF : 14.1/16

Left Out: 356.703+/-2957.628 χ^2/NDF : 15.7/11

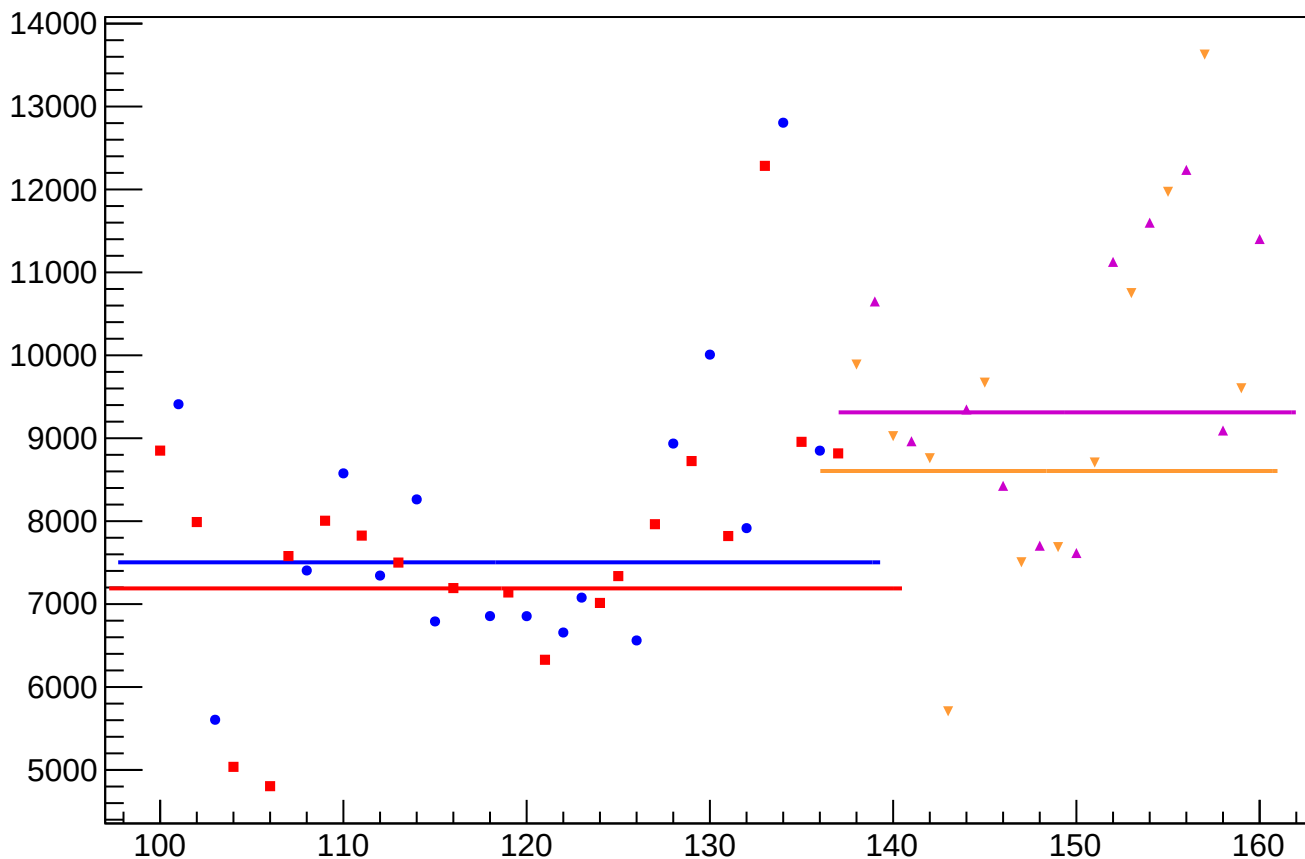
2921.399+/-2096.082 χ^2/NDF : 31.3/28

Right Out: -4146.067+/-2790.212 χ^2/NDF : 15.4/18

-2301.883+/-2089.395 χ^2/NDF : 22.3/29

Left In: 52.382+/-3152.555 χ^2/NDF : 5.8/10

asym_at2_avg_rms vs Slug



Right In: 7503.667+/-2.101 χ^2 /NDF: 427313.5/16

Left Out: 8605.005+/-2.091 χ^2 /NDF: 856455.2/11

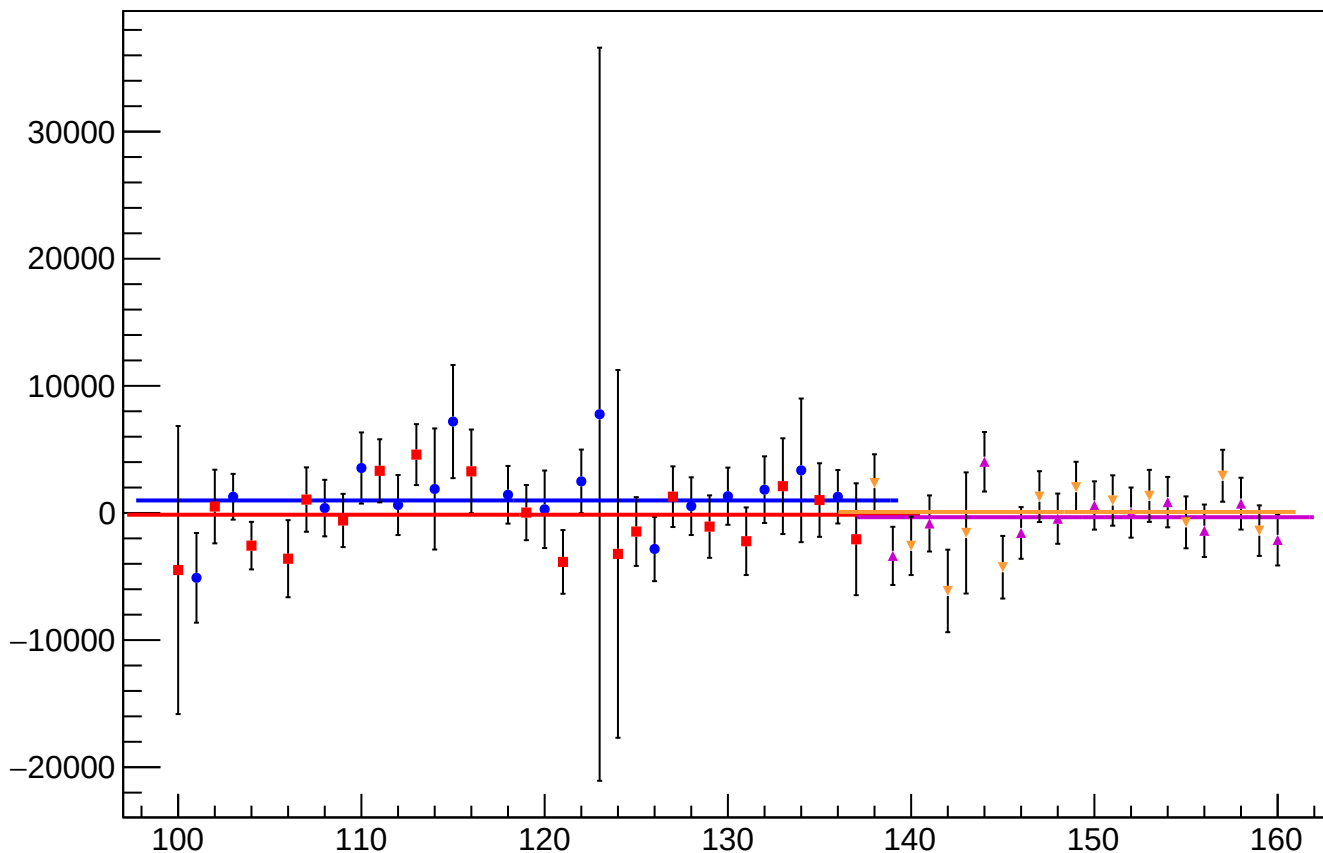
Right Out: 7189.231+/-1.973 χ^2 /NDF: 557703.4/18

Left In: 9312.153+/-2.229 χ^2 /NDF: 451342.9/10

8056.812+/-1.482 χ^2 /NDF: 1421806.2/28

8121.598+/-1.477 χ^2 /NDF: 1517660.0/29

reg_asym_at2_dd_mean vs Slug



Right In: 985.452+/-644.630 χ^2/NDF : 9.1/16

Left Out: 79.272+/-643.398 χ^2/NDF :13.8/11

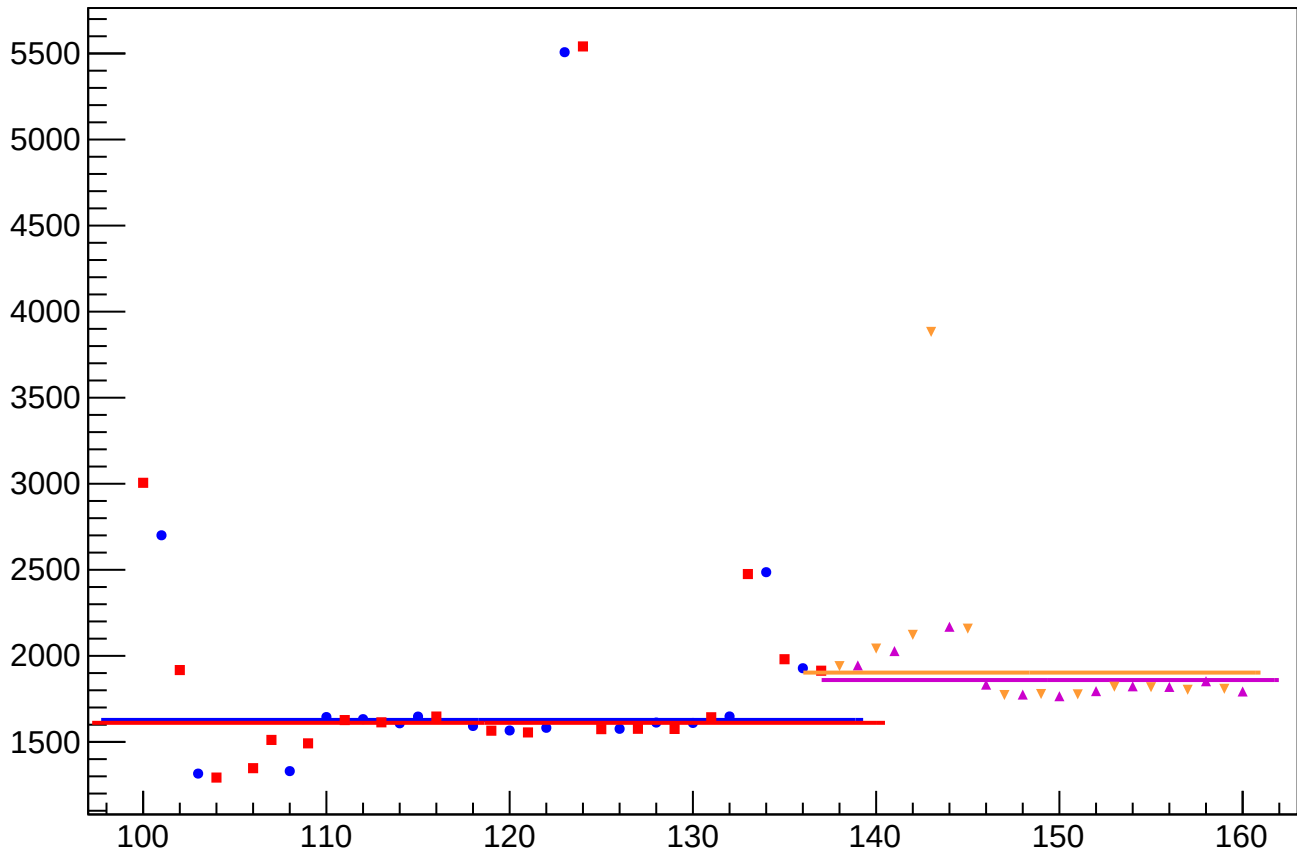
Right Out: -138.627+/-623.555 χ^2/NDF : 14.7/18

Left In: -333.244+/-621.582 χ^2/NDF :7.6/10

531.495+/-455.386 χ^2/NDF : 23.9/28

-236.244+/-440.221 χ^2/NDF : 22.3/29

reg_asym_at2_dd_rms vs Slug



Right In: 1627.836 $\pm$ 0.456 χ^2 /NDF: 407106.6/16

Left Out: 1902.764 $\pm$ 0.455 χ^2 /NDF: 424197.5/11

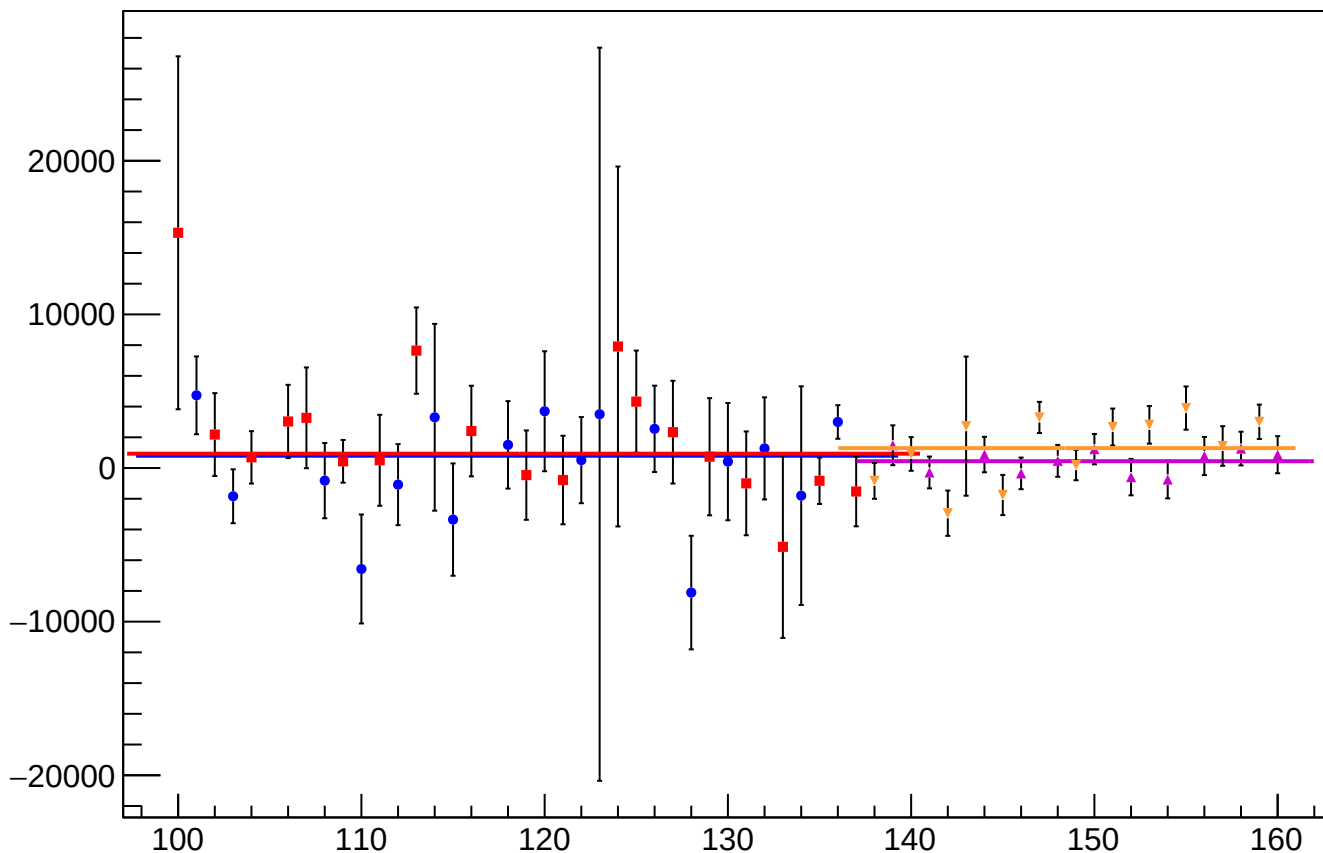
Right Out: 1610.948 $\pm$ 0.441 χ^2 /NDF: 433960.8/18

Left In: 1859.536 $\pm$ 0.440 χ^2 /NDF: 64019.3/10

1765.563 $\pm$ 0.322 χ^2 /NDF: 1013545.2/28

1735.636 $\pm$ 0.311 χ^2 /NDF: 657414.9/29

asym_at2_dd_correction_mean vs Slug



Right In: 803.048 $\pm$ 631.676 χ^2 /NDF: 22.4/16

Left Out: 1295.437 $\pm$ 355.364 χ^2 /NDF:31.0/11

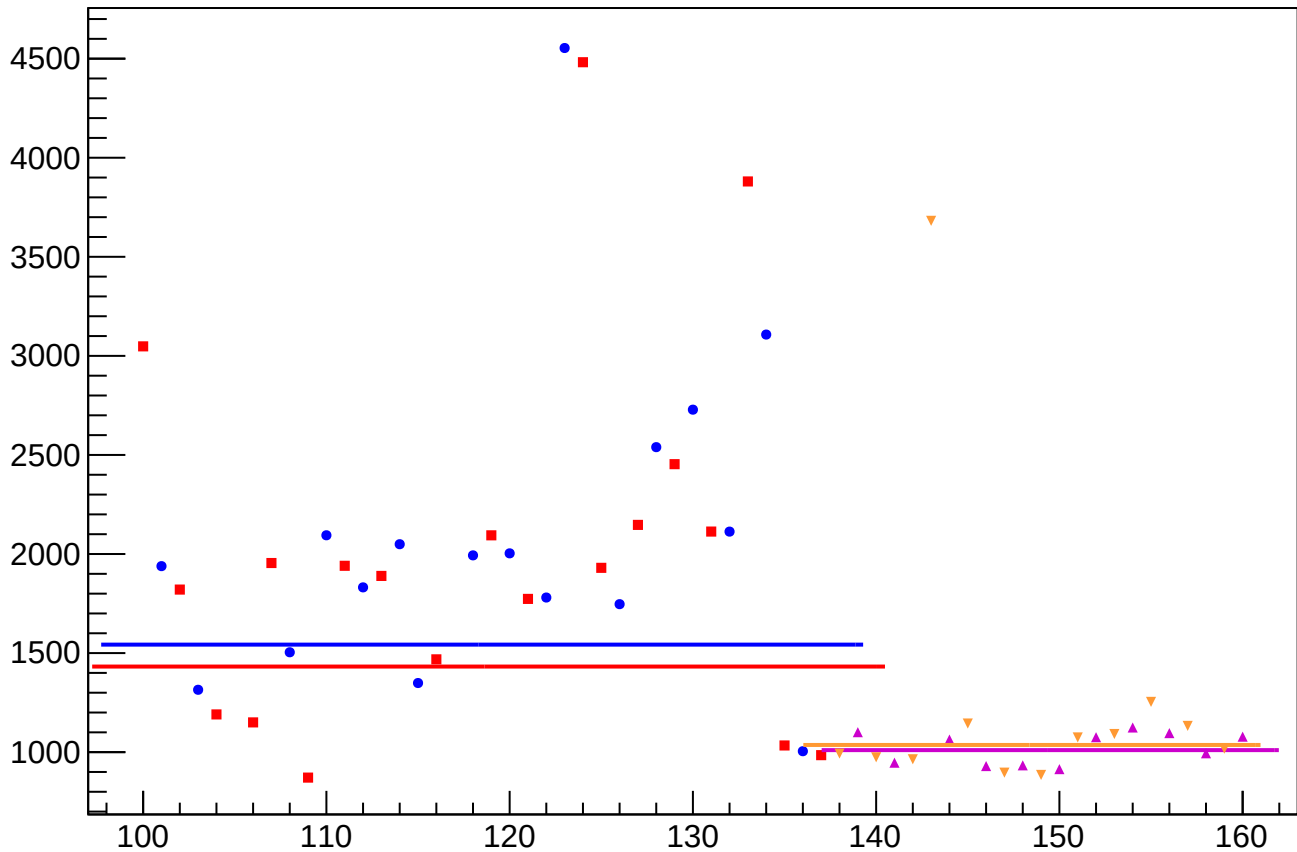
Right Out: 933.645 $\pm$ 589.727 χ^2 /NDF: 15.3/18

Left In: 444.655 $\pm$ 338.530 χ^2 /NDF:5.0/10

1177.065 $\pm$ 309.717 χ^2 /NDF: 53.9/28

565.853 $\pm$ 293.595 χ^2 /NDF: 20.8/29

asym_at2_dd_correction_rms vs Slug



Right In: 1542.705 $\pm$ 0.447 χ^2 /NDF: 1287946.3/16

Left Out: 1036.343 $\pm$ 0.251 χ^2 /NDF: 860148.0/11

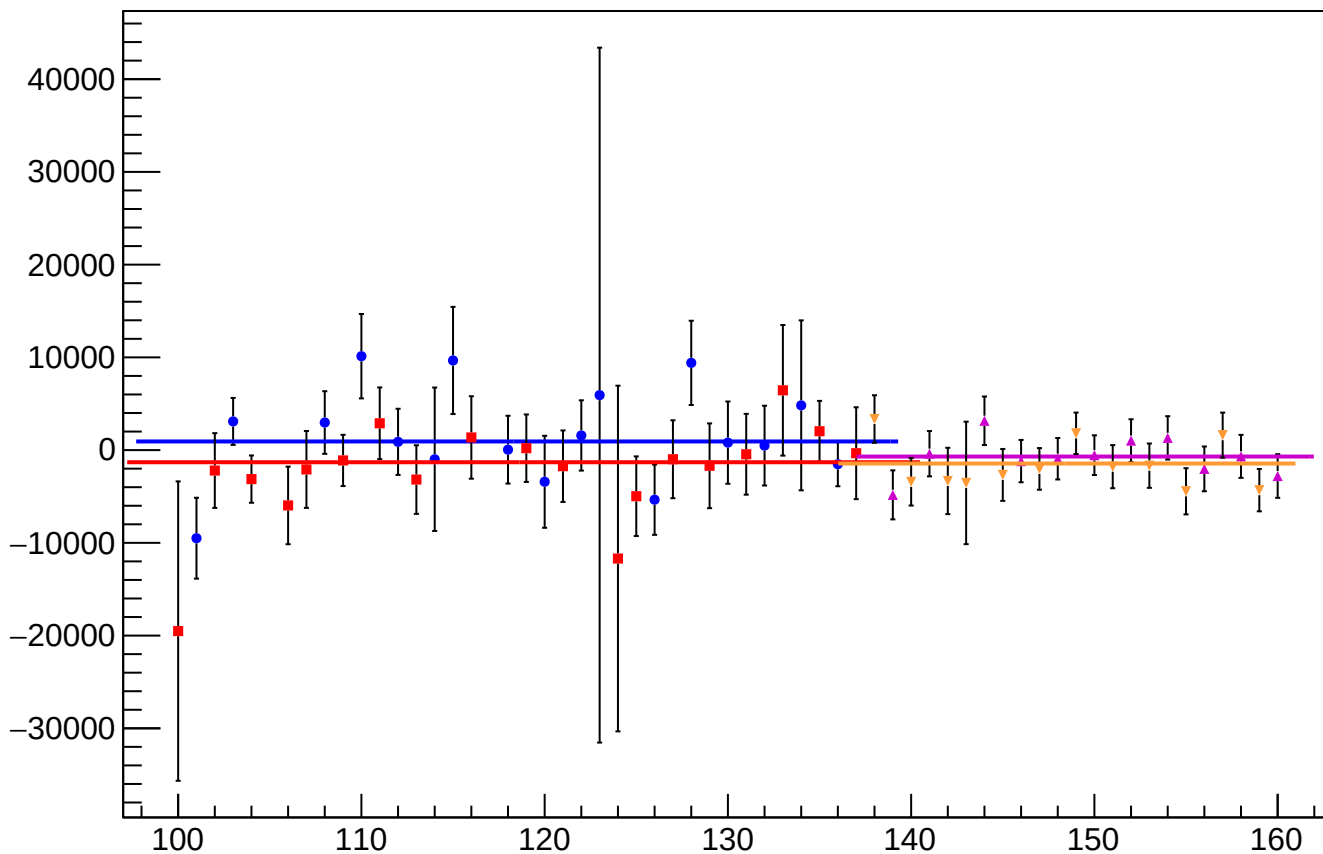
1158.074 $\pm$ 0.219 χ^2 /NDF: 3124312.0/28

Right Out: 1432.013 $\pm$ 0.417 χ^2 /NDF: 1823809.4/18

1114.790 $\pm$ 0.208 χ^2 /NDF: 2696605.8/29

Left In: 1010.255 $\pm$ 0.239 χ^2 /NDF: 103388.4/10

asym_at2_dd_mean vs Slug



Right In: 932.818 ± 967.941 χ^2/NDF : 21.6/16

Left Out: -1447.129 ± 742.037 χ^2/NDF : 11.5/11

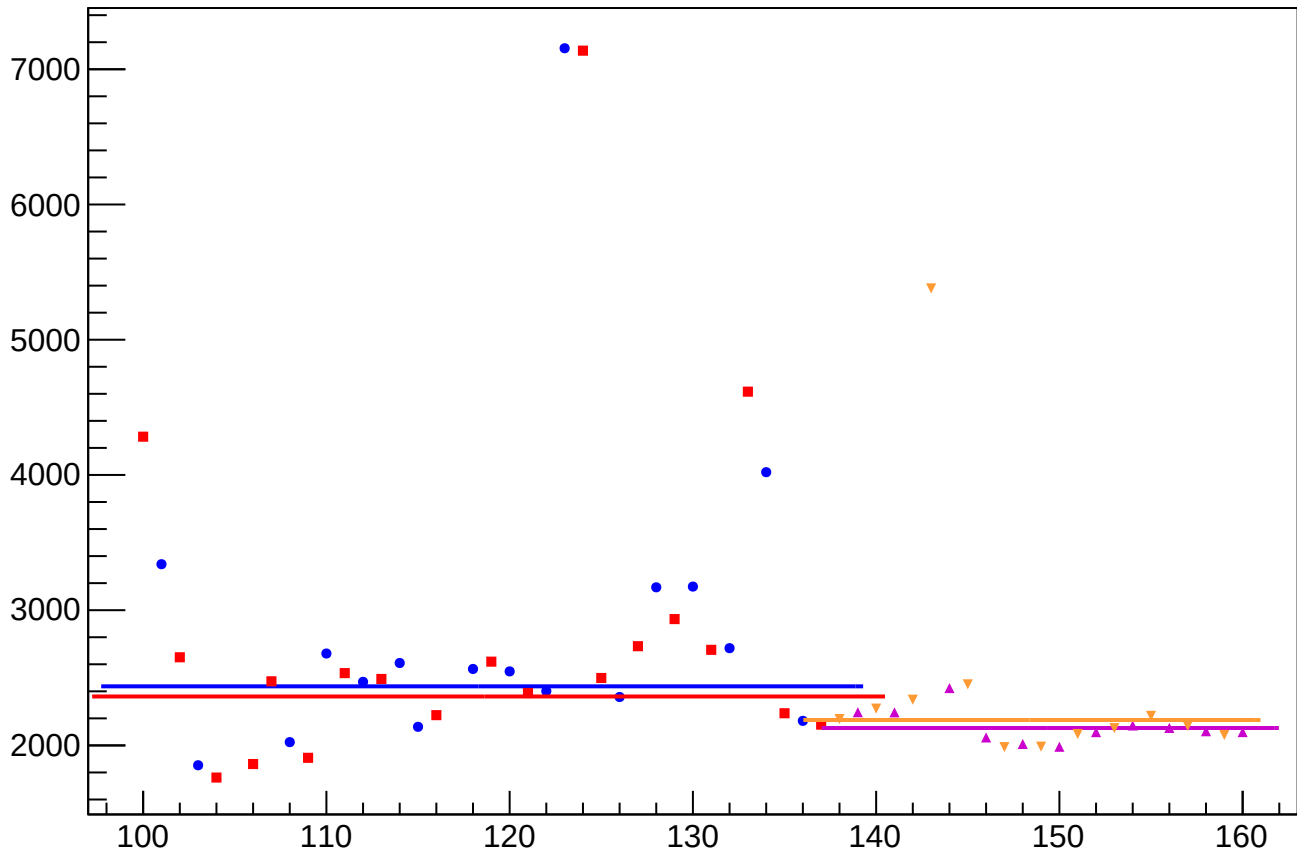
Right Out: -1307.802 ± 925.415 χ^2/NDF : 8.5/18

Left In: -692.777 ± 711.310 χ^2/NDF : 7.1/10

-566.175 ± 588.900 χ^2/NDF : 36.9/28

-921.189 ± 563.963 χ^2/NDF : 15.9/29

asym_at2_dd_rms vs Slug



Right In: 2436.855+/-0.684 χ^2 /NDF: 469030.2/16

Left Out: 2187.821+/-0.525 χ^2 /NDF: 533126.2/11

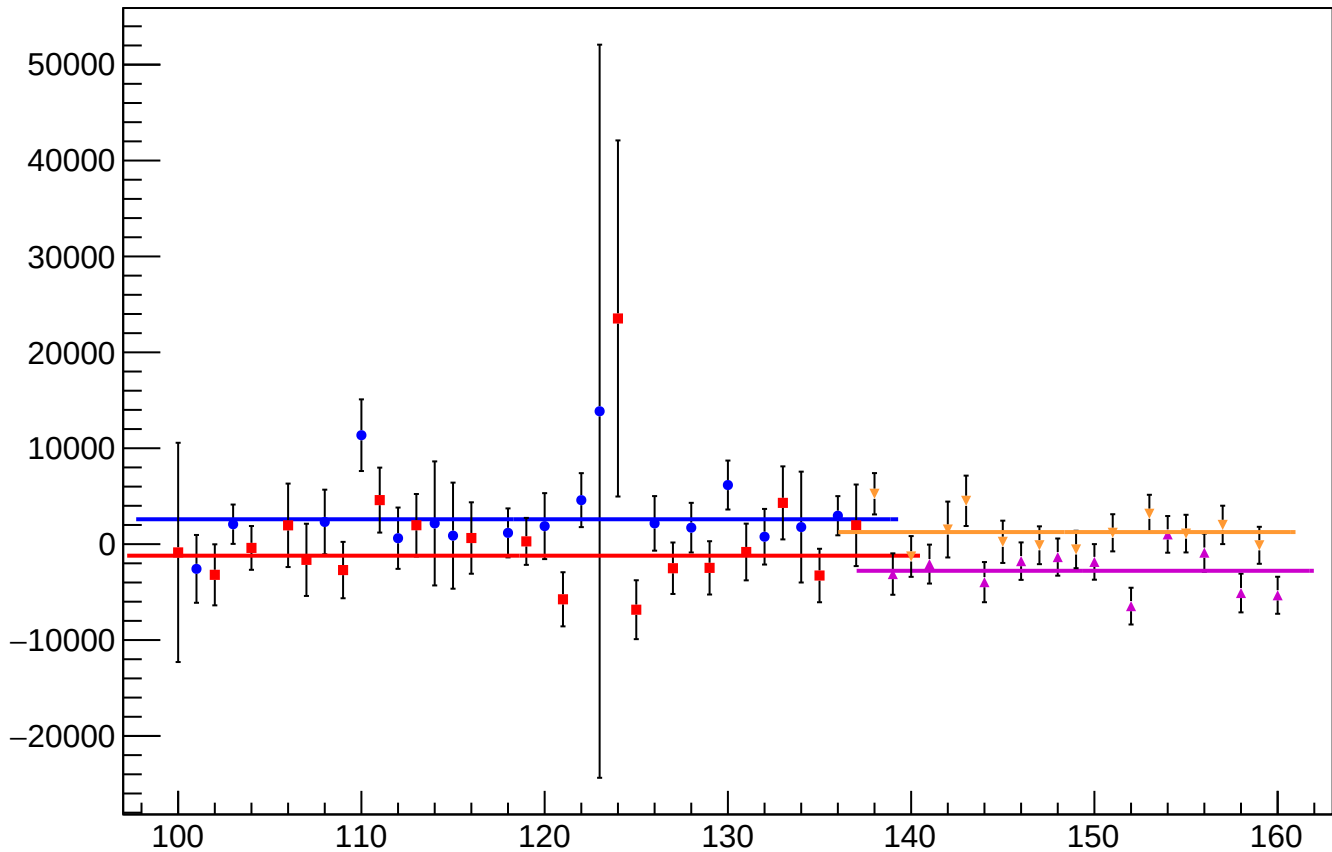
Right Out: 2361.880+/-0.654 χ^2 /NDF: 655847.5/18

Left In: 2128.755+/-0.503 χ^2 /NDF: 50692.8/10

2280.003+/-0.416 χ^2 /NDF: 1085540.6/28

2215.335+/-0.399 χ^2 /NDF: 786325.3/29

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2594.684+/-743.000 χ^2/NDF : 11.7/16

Left Out: 1260.138+/-605.764 χ^2/NDF : 9.6/11

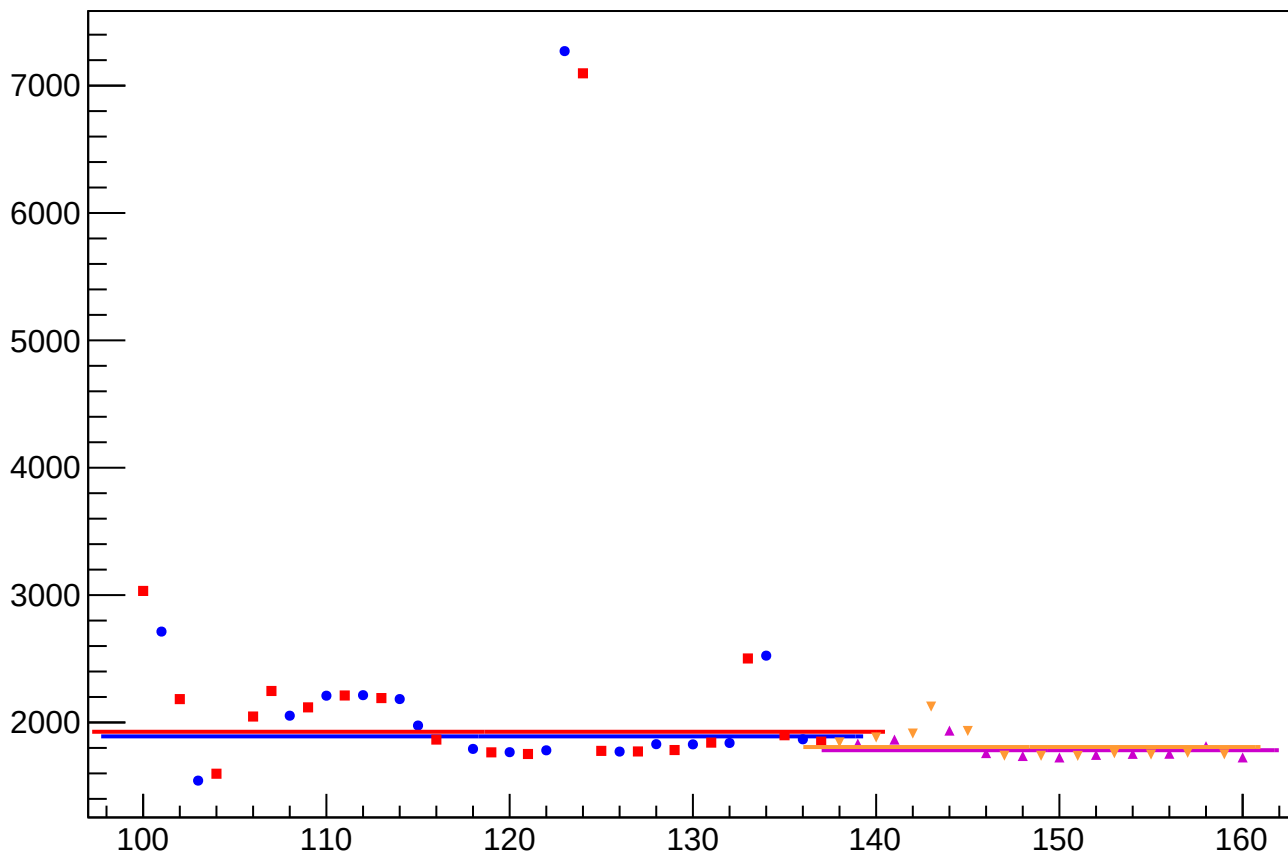
Right Out: -1202.548+/-739.618 χ^2/NDF : 17.2/18

Left In: -2778.070+/-595.992 χ^2/NDF : 13.1/10

1793.013+/-469.499 χ^2/NDF : 23.2/28

-2157.797+/-464.073 χ^2/NDF : 33.1/29

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1890.721+/-0.525 χ^2/NDF : 288944.9/16

Left Out: 1807.029+/-0.428 χ^2/NDF : 54788.2/11

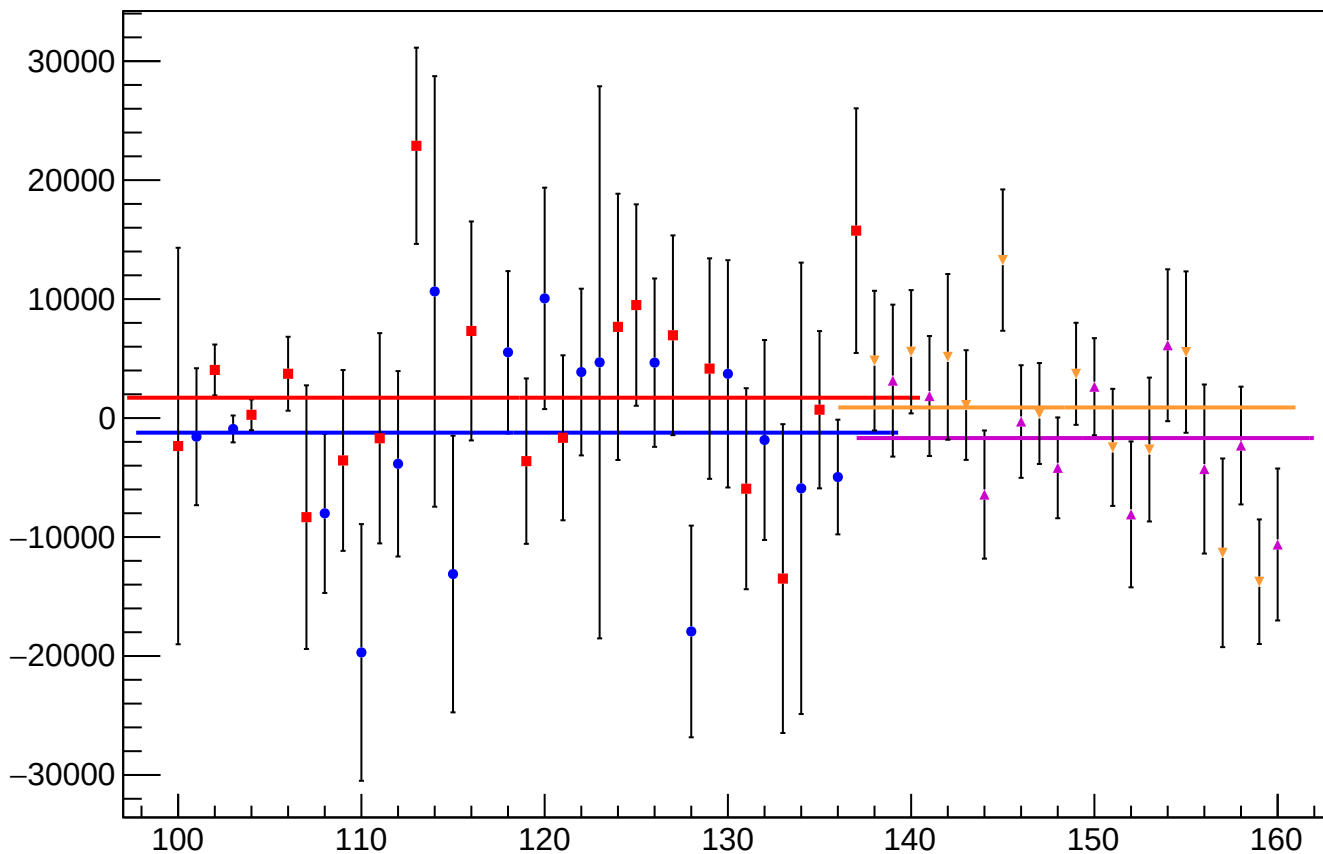
Right Out: 1926.949+/-0.522 χ^2/NDF : 362254.5/18

Left In: 1782.130+/-0.421 χ^2/NDF : 22341.1/10

1840.447+/-0.332 χ^2/NDF : 358976.7/28

1839.253+/-0.328 χ^2/NDF : 431174.1/29

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1226.915 $\pm$ 984.603 χ^2 /NDF: 13.8/16

Left Out: 891.376 $\pm$ 1552.347 χ^2 /NDF: 17.9/11

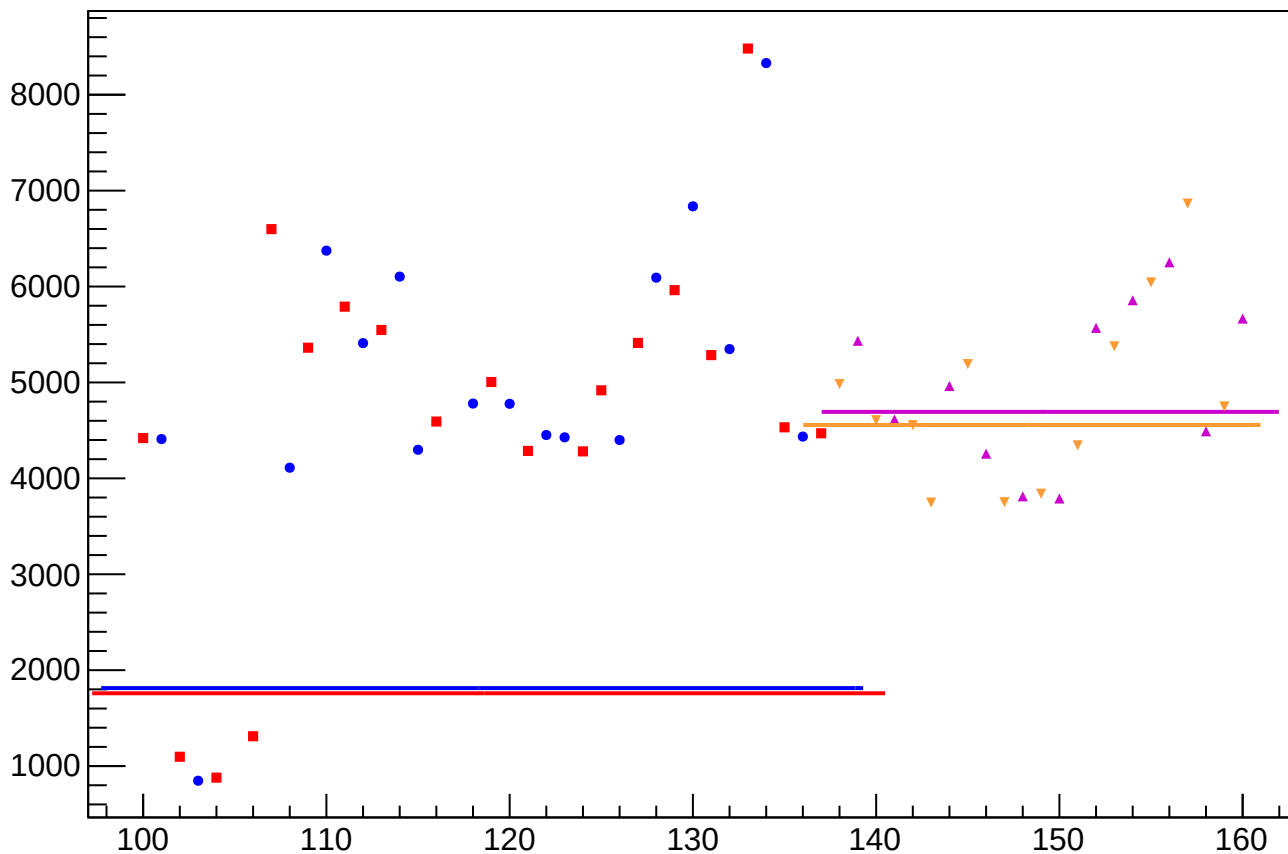
Right Out: 1711.747 $\pm$ 941.580 χ^2 /NDF: 17.8/18

Left In: -1681.270 $\pm$ 1591.131 χ^2 /NDF: 8.1/10

-619.213 $\pm$ 831.460 χ^2 /NDF: 33.1/28

831.724 $\pm$ 810.327 χ^2 /NDF: 29.3/29

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4556.765+/-1.098 χ^2/NDF : 531993.0/11

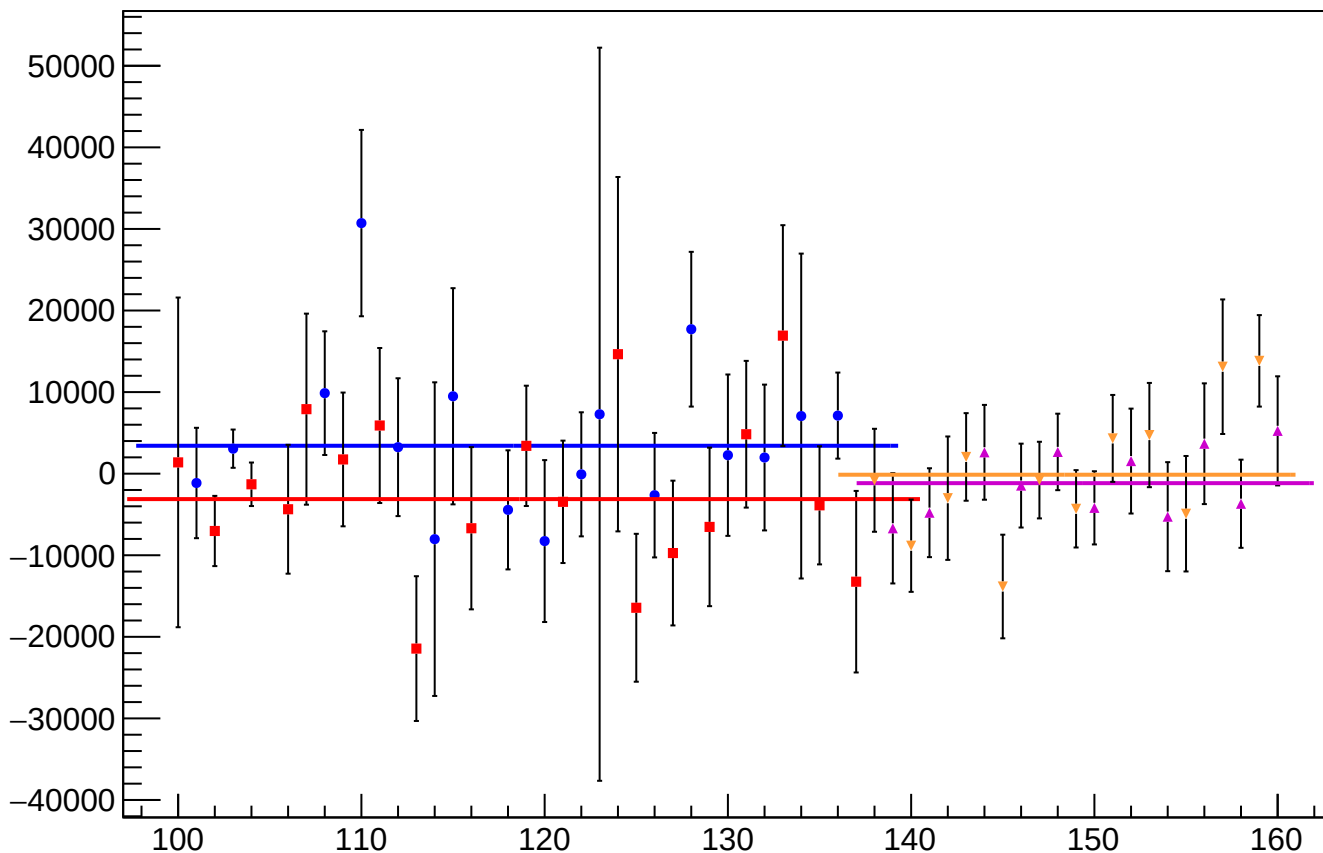
Right Out: 1759.135+/-0.666 χ^2/NDF : 6313068.7/18

Left In: 4693.201+/-1.125 χ^2/NDF : 487205.2/10

2600.280+/-0.588 χ^2/NDF : 11436003.1/28

2520.123+/-0.573 χ^2/NDF : 11837171.5/29

asym_atl1r2_avg_mean vs Slug



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: -128.753+/-1691.871 χ^2/NDF : 18.6/11

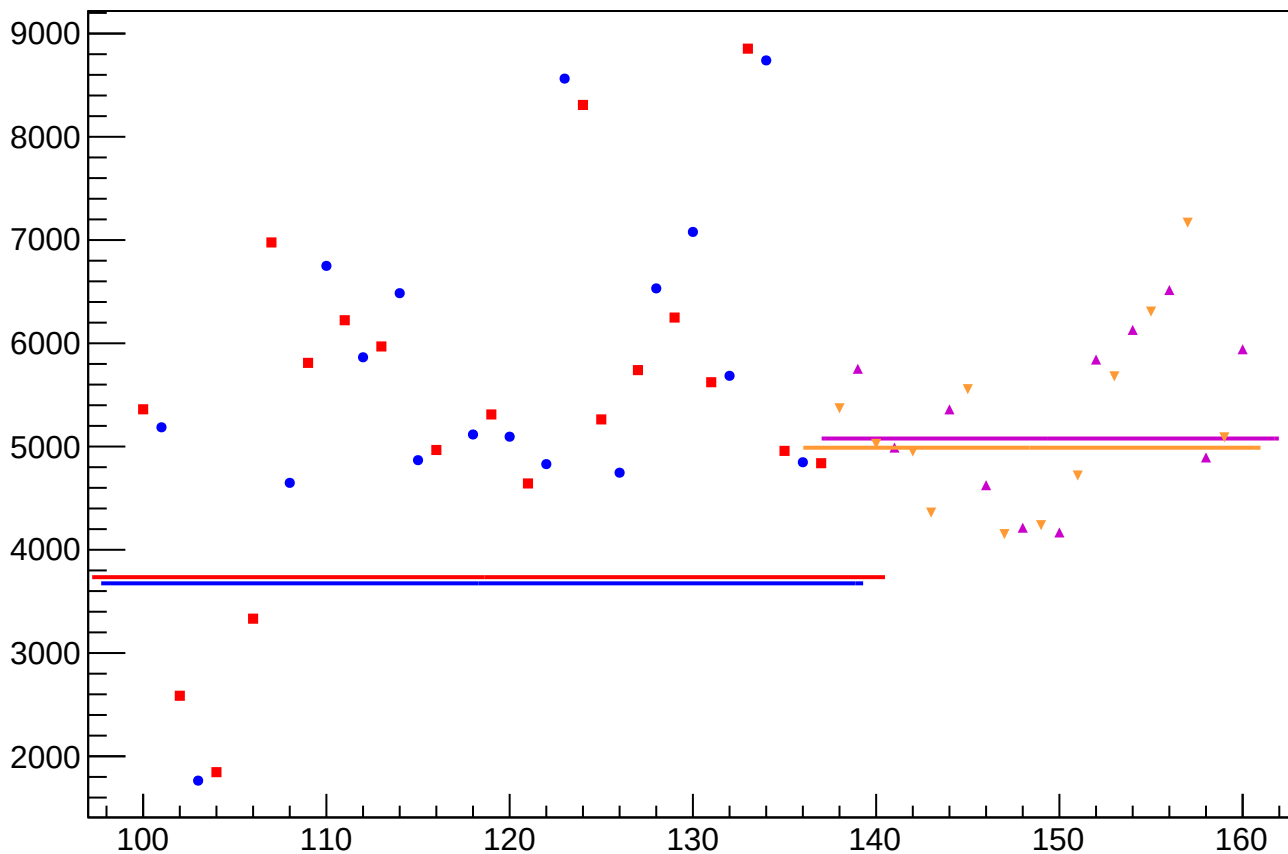
Right Out: -3117.857+/-1605.930 χ^2/NDF : 16.0/18

Left In: -1162.606+/-1715.832 χ^2/NDF : 4.8/10

1737.883+/-1165.047 χ^2/NDF : 34.7/28

-2204.851+/-1172.493 χ^2/NDF : 21.5/29

asym_atl1r2_avg_rms vs Slug



Right In: 3675.003 ± 1.136 χ^2/NDF : 2775085.7/16

Left Out: 4988.709 ± 1.196 χ^2/NDF : 402613.1/11

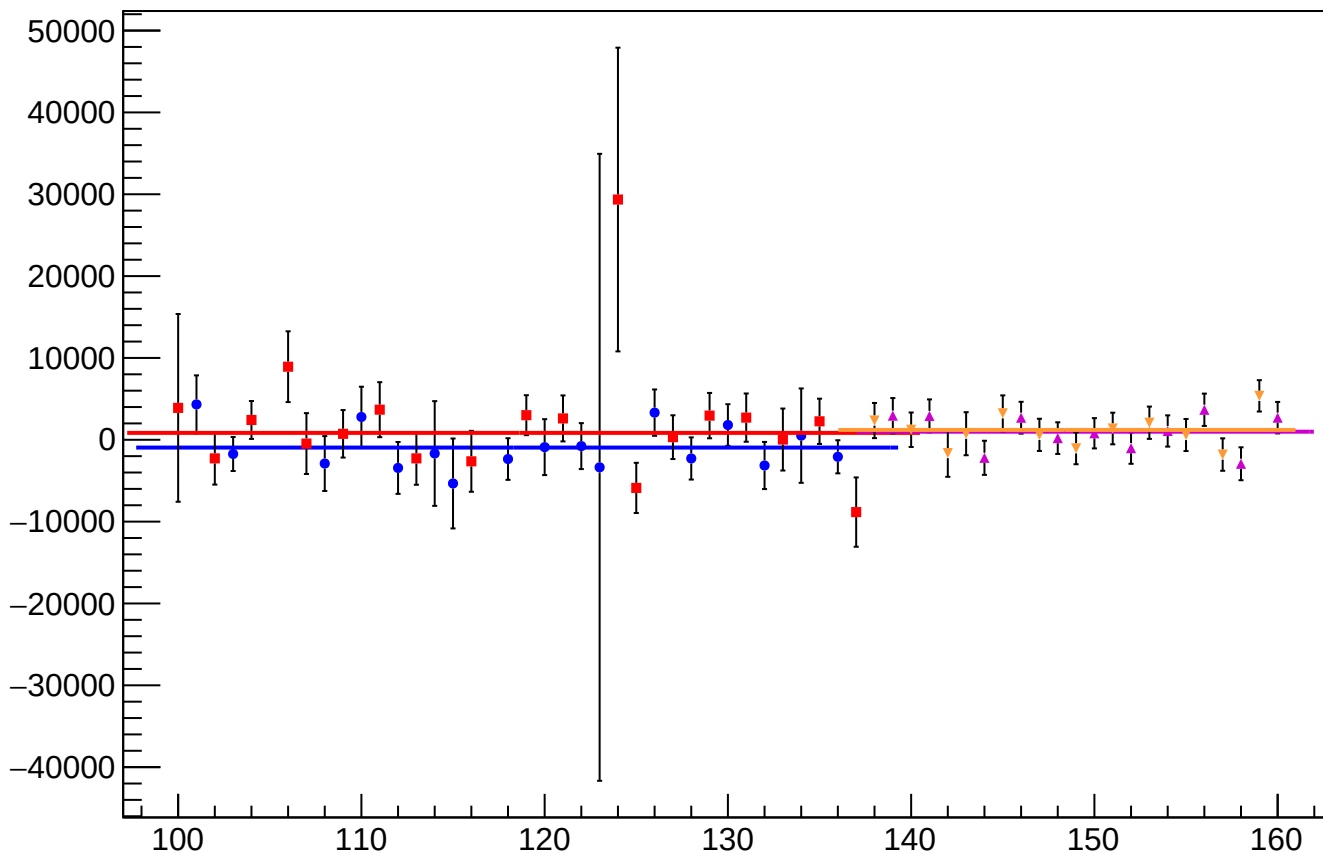
Right Out: 3734.796 ± 1.128 χ^2/NDF : 2693929.0/18

Left In: 5077.645 ± 1.213 χ^2/NDF : 379922.5/10

4297.949 ± 0.824 χ^2/NDF : 3811745.4/28

4357.389 ± 0.826 χ^2/NDF : 3730896.9/29

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377 ± 740.668 χ^2/NDF : 10.0/16

Left Out: 1203.904 ± 603.096 χ^2/NDF : 10.9/11

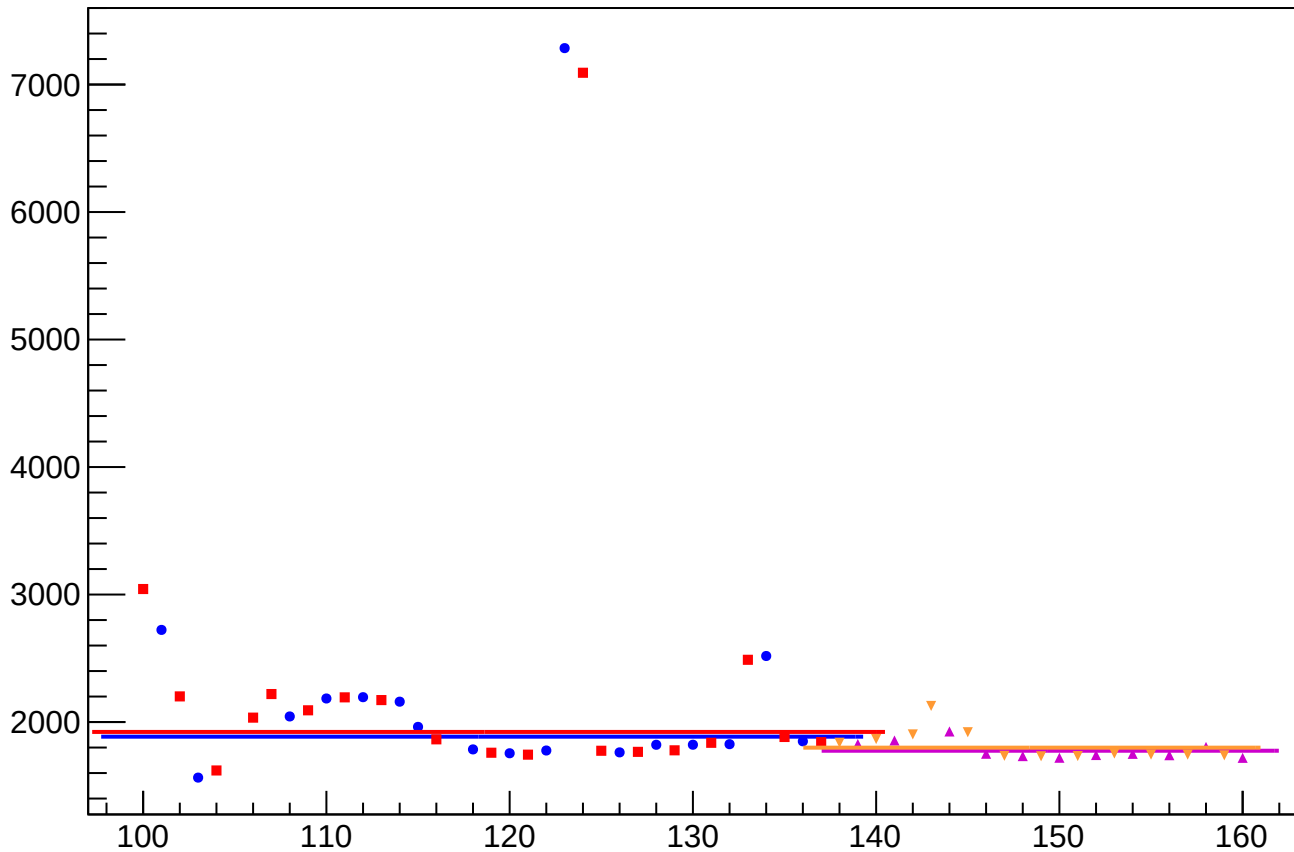
Right Out: 843.515 ± 737.527 χ^2/NDF : 22.5/18

Left In: 988.358 ± 593.592 χ^2/NDF : 12.6/10

344.629 ± 467.668 χ^2/NDF : 25.9/28

931.418 ± 462.423 χ^2/NDF : 35.1/29

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360+/-0.524 χ^2 /NDF: 280429.0/16

Left Out: 1799.120+/-0.426 χ^2 /NDF: 55356.8/11

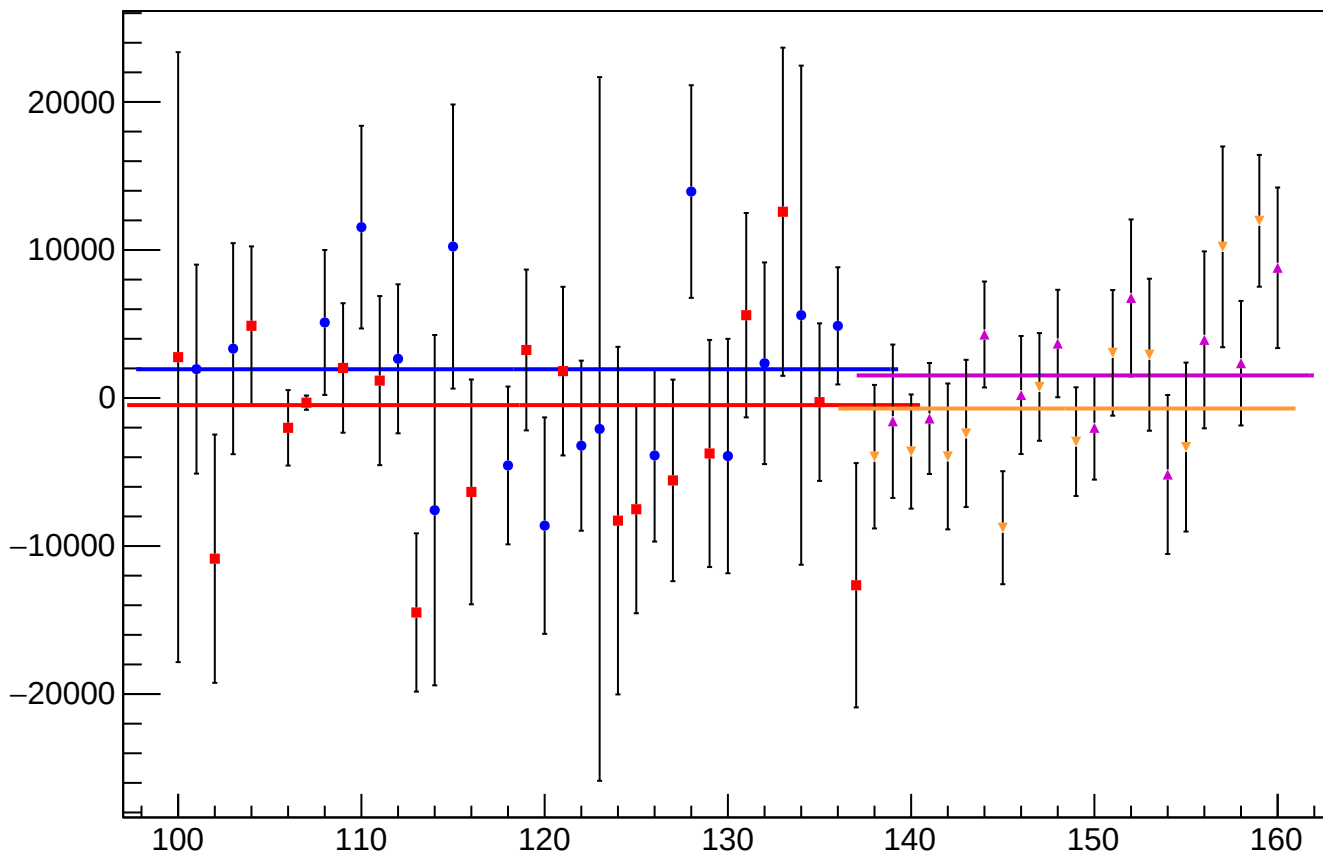
1833.503+/-0.331 χ^2 /NDF: 352090.0/28

Right Out: 1922.538+/-0.521 χ^2 /NDF: 351512.1/18

1833.107+/-0.327 χ^2 /NDF: 421739.9/29

Left In: 1774.994+/-0.420 χ^2 /NDF: 21559.7/10

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

Left Out: -709.115+/-1284.474 χ^2/NDF : 18.7/11

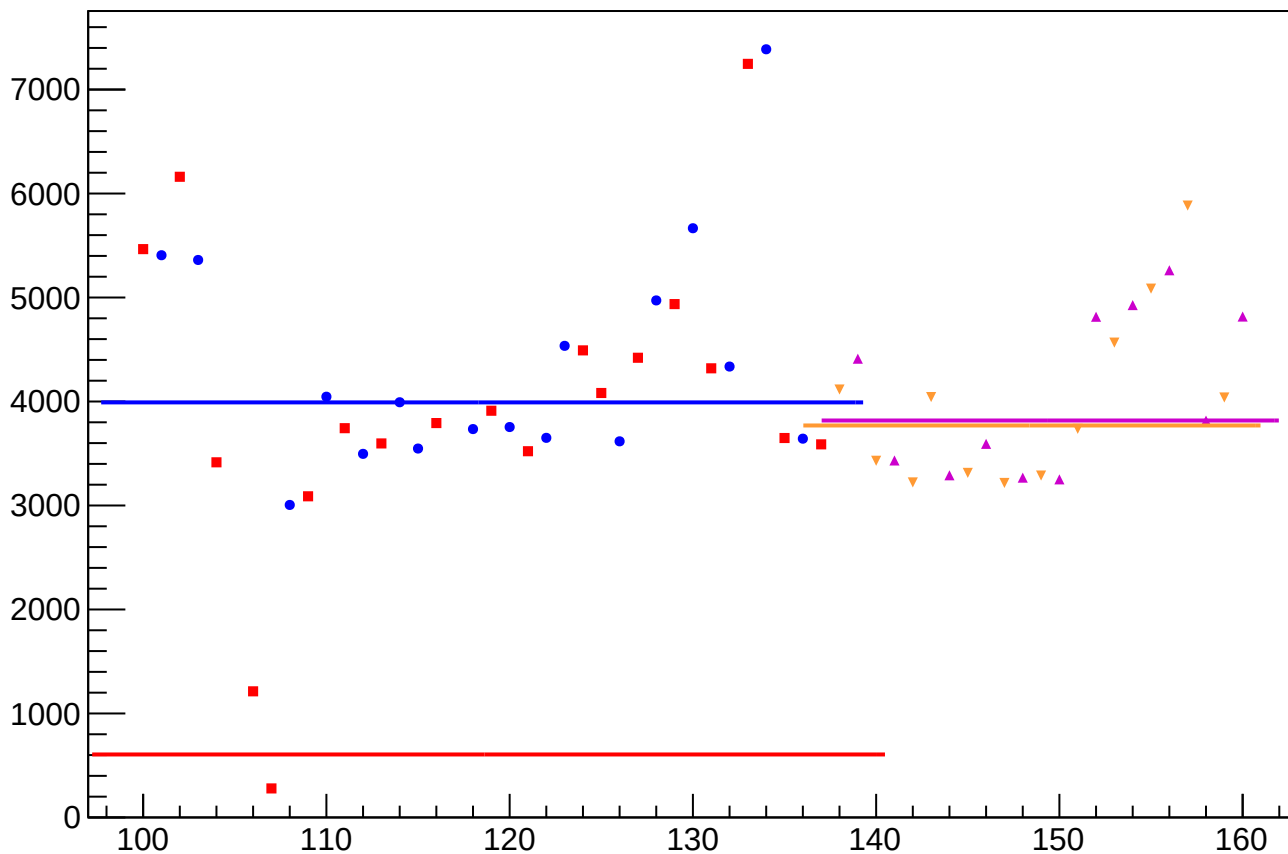
Right Out: -478.828+/-453.684 χ^2/NDF : 18.1/18

Left In: 1527.031+/-1295.803 χ^2/NDF : 7.6/10

345.426+/-996.941 χ^2/NDF : 33.6/28

-259.794+/-428.198 χ^2/NDF : 27.8/29

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416 ± 1.118 $\chi^2/\text{NDF}: 510782.7/16$

Left Out: 3769.477 ± 0.908 $\chi^2/\text{NDF}: 521900.8/11$

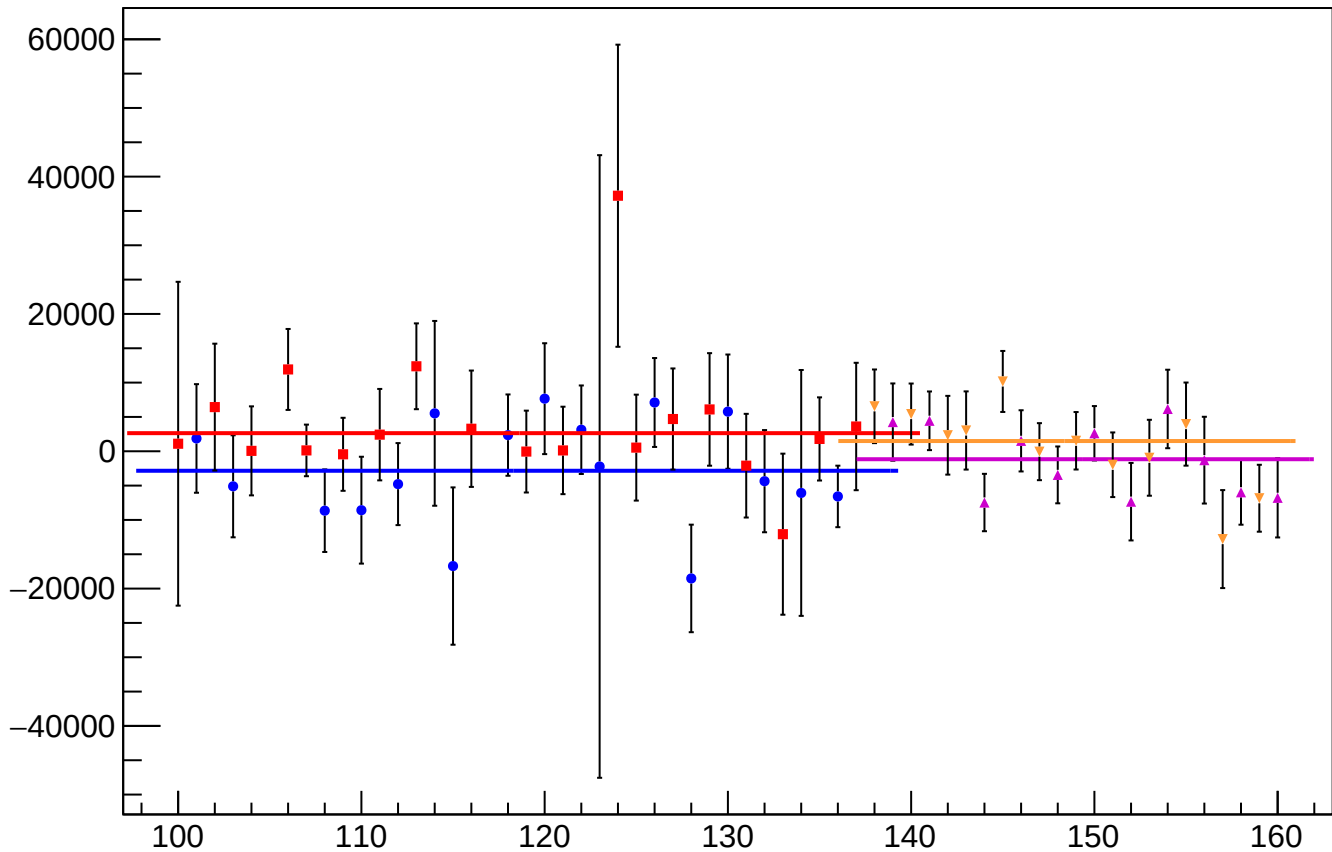
Right Out: 605.731 ± 0.321 $\chi^2/\text{NDF}: 10246585.0/18$

Left In: 3817.387 ± 0.916 $\chi^2/\text{NDF}: 536119.4/10$

3857.719 ± 0.705 $\chi^2/\text{NDF}: 1056424.0/28$

956.435 ± 0.303 $\chi^2/\text{NDF}: 21727099.6/29$

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 ± 1786.019 χ^2/NDF : 15.4/16

Left Out: 1489.796 ± 1444.508 χ^2/NDF : 13.5/11

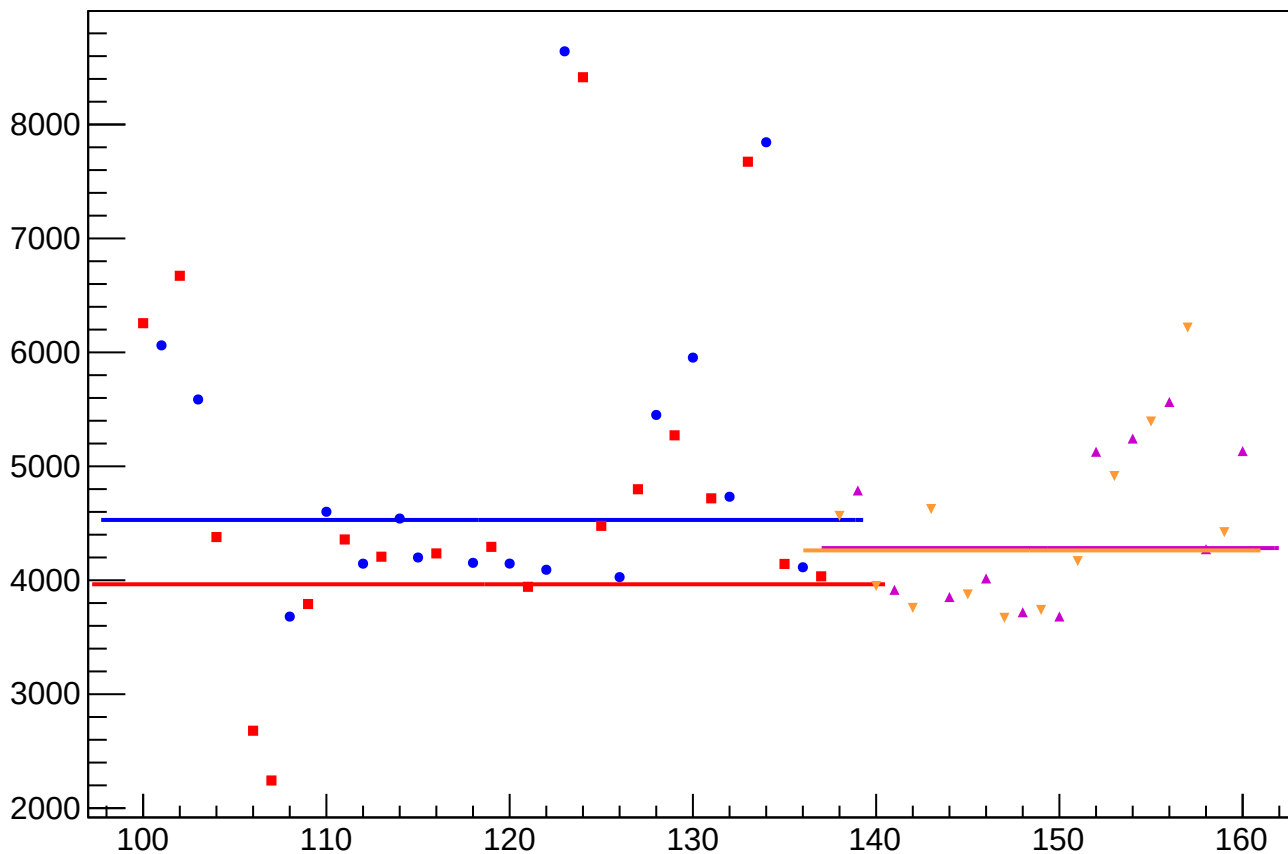
Right Out: 2637.071 ± 1575.105 χ^2/NDF : 11.2/18

Left In: -1158.535 ± 1446.357 χ^2/NDF : 11.3/10

-222.283 ± 1123.141 χ^2/NDF : 32.5/28

577.826 ± 1065.342 χ^2/NDF : 25.7/29

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462+/-1.263 χ^2/NDF : 389326.2/16

Left Out: 4262.067+/-1.021 χ^2/NDF : 377653.1/11

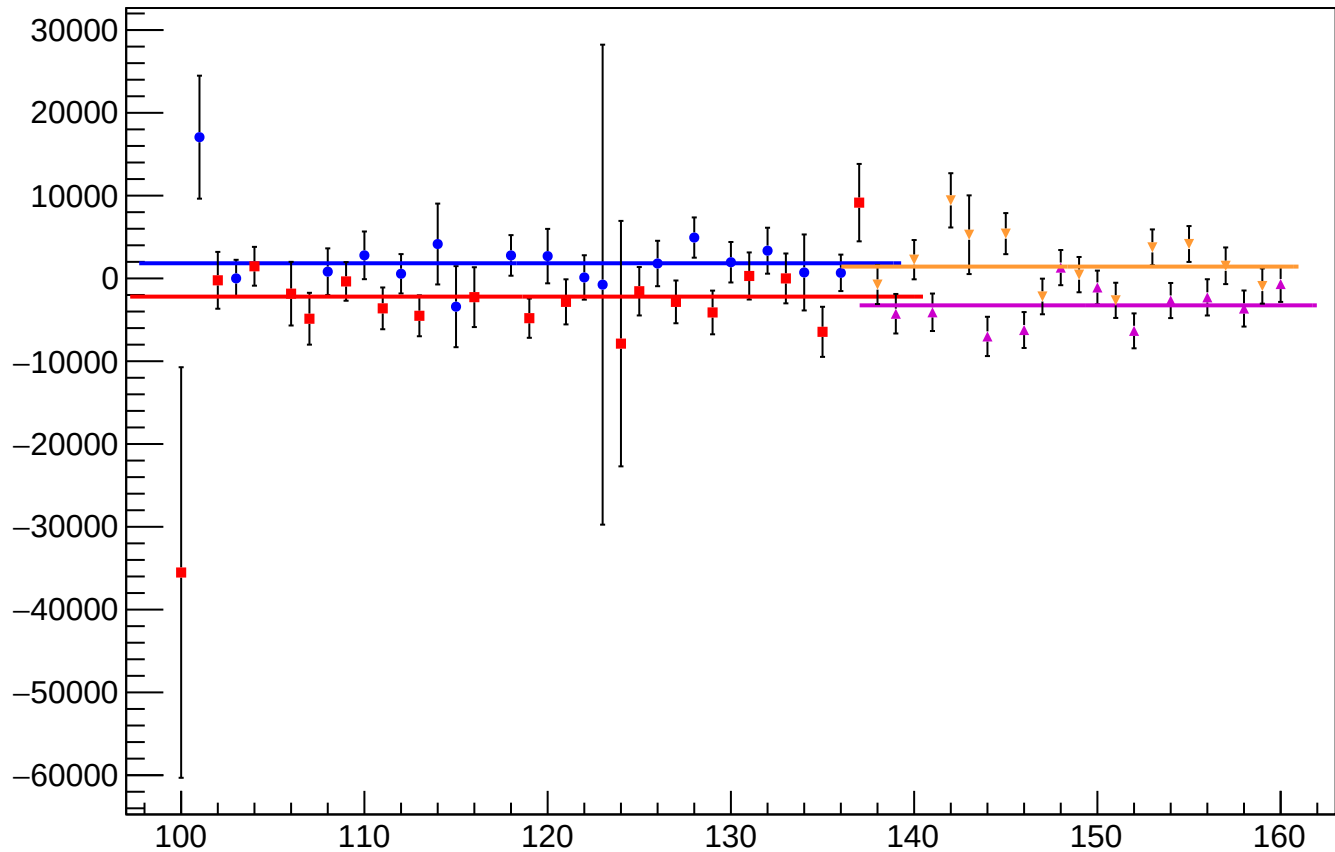
4367.809+/-0.794 χ^2/NDF : 794080.6/28

Right Out: 3964.829+/-1.107 χ^2/NDF : 1140409.6/18

4136.187+/-0.751 χ^2/NDF : 1554288.9/29

Left In: 4282.540+/-1.023 χ^2/NDF : 369424.9/10

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

Left Out: 1428.176+/-679.339 χ^2/NDF : 20.8/11

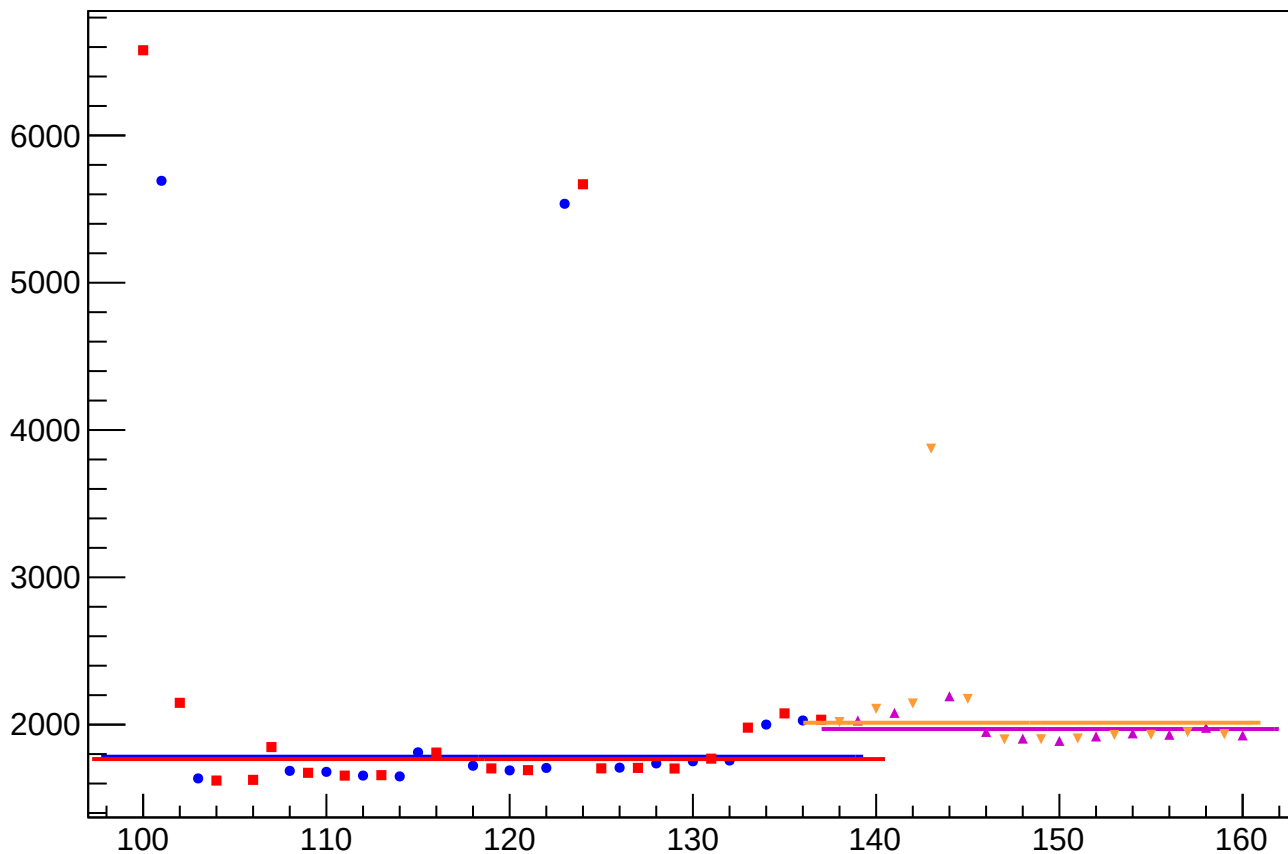
Right Out: -2198.063+/-684.205 χ^2/NDF : 18.3/18

Left In: -3252.386+/-658.586 χ^2/NDF : 14.3/10

1619.897+/-491.287 χ^2/NDF : 30.7/28

-2745.333+/-474.489 χ^2/NDF : 33.9/29

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2012.801+/-0.480 χ^2/NDF : 347652.1/11

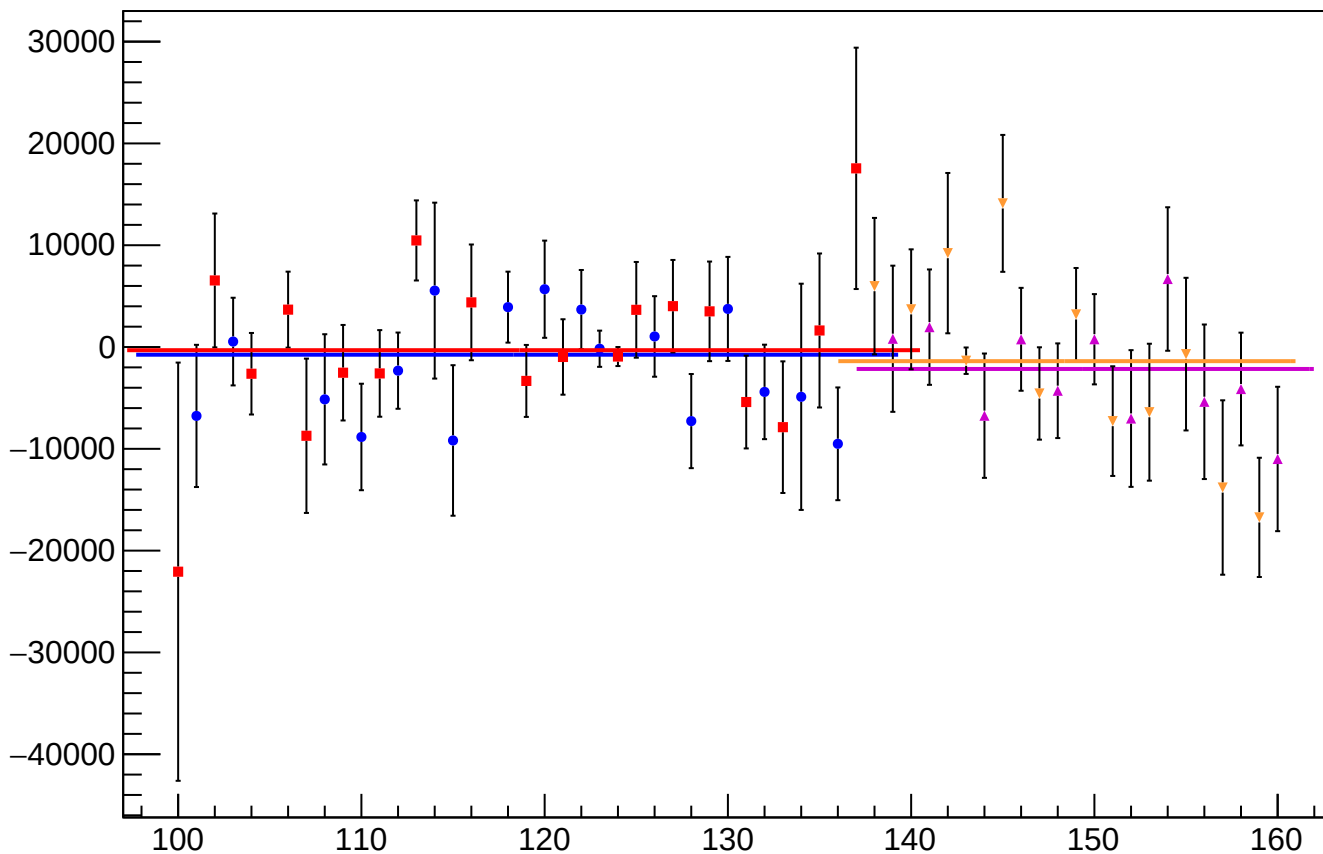
Right Out: 1765.967+/-0.480 χ^2/NDF : 306798.2/18

Left In: 1969.930+/-0.466 χ^2/NDF : 31643.4/10

1902.773+/-0.347 χ^2/NDF : 1102827.6/28

1871.139+/-0.334 χ^2/NDF : 431354.3/29

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428 $\pm$ 1008.523 χ^2/NDF : 16.9/16

Left Out: -1388.726 $\pm$ 1056.564 χ^2/NDF : 21.3/11

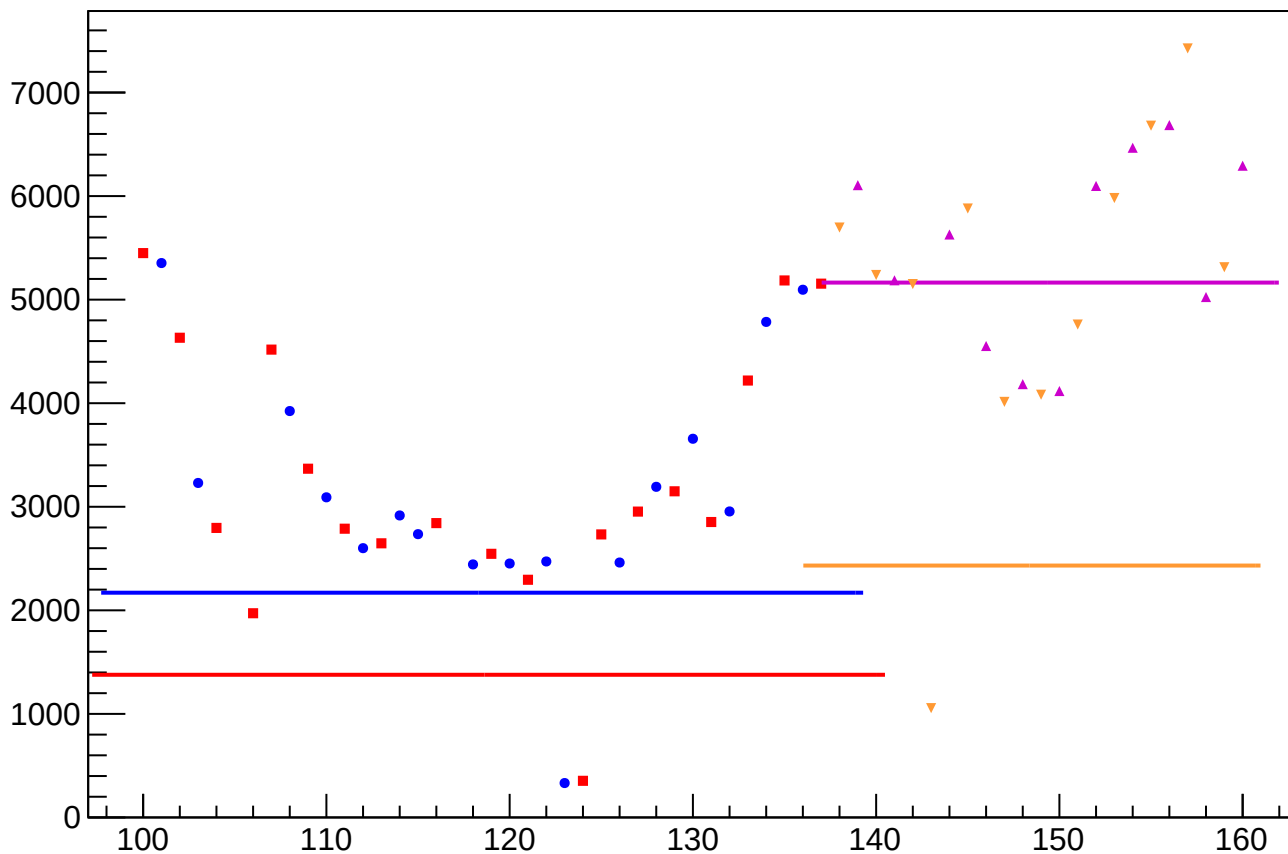
Right Out: -311.405 $\pm$ 725.132 χ^2/NDF : 22.0/18

Left In: -2154.708 $\pm$ 1752.023 χ^2/NDF : 6.2/10

-1056.306 $\pm$ 729.526 χ^2/NDF : 38.4/28

-580.982 $\pm$ 670.013 χ^2/NDF : 29.1/29

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242 $\pm$ 0.713 χ^2 /NDF: 3973725.5/16

Left Out: 2432.380 $\pm$ 0.747 χ^2 /NDF: 7179101.7/11

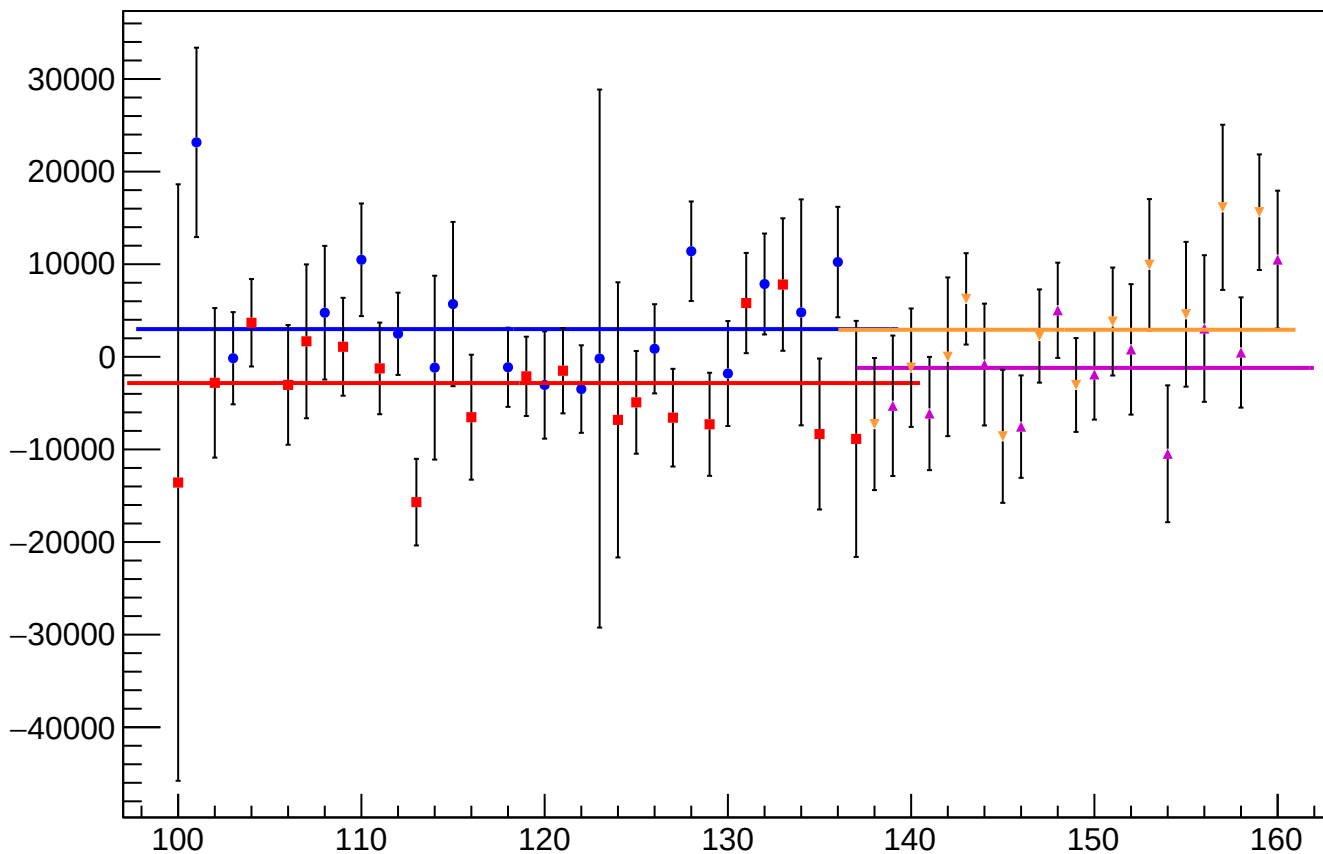
Right Out: 1377.716 $\pm$ 0.513 χ^2 /NDF: 6847297.6/18

Left In: 5164.740 $\pm$ 1.239 χ^2 /NDF: 514899.1/10

2295.216 $\pm$ 0.516 χ^2 /NDF: 11217245.7/28

1931.556 $\pm$ 0.474 χ^2 /NDF: 15339911.1/29

asym_atr1l2_avg_mean vs Slug



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: 2922.658 $\pm$ 1824.072 χ^2 /NDF: 14.4/11

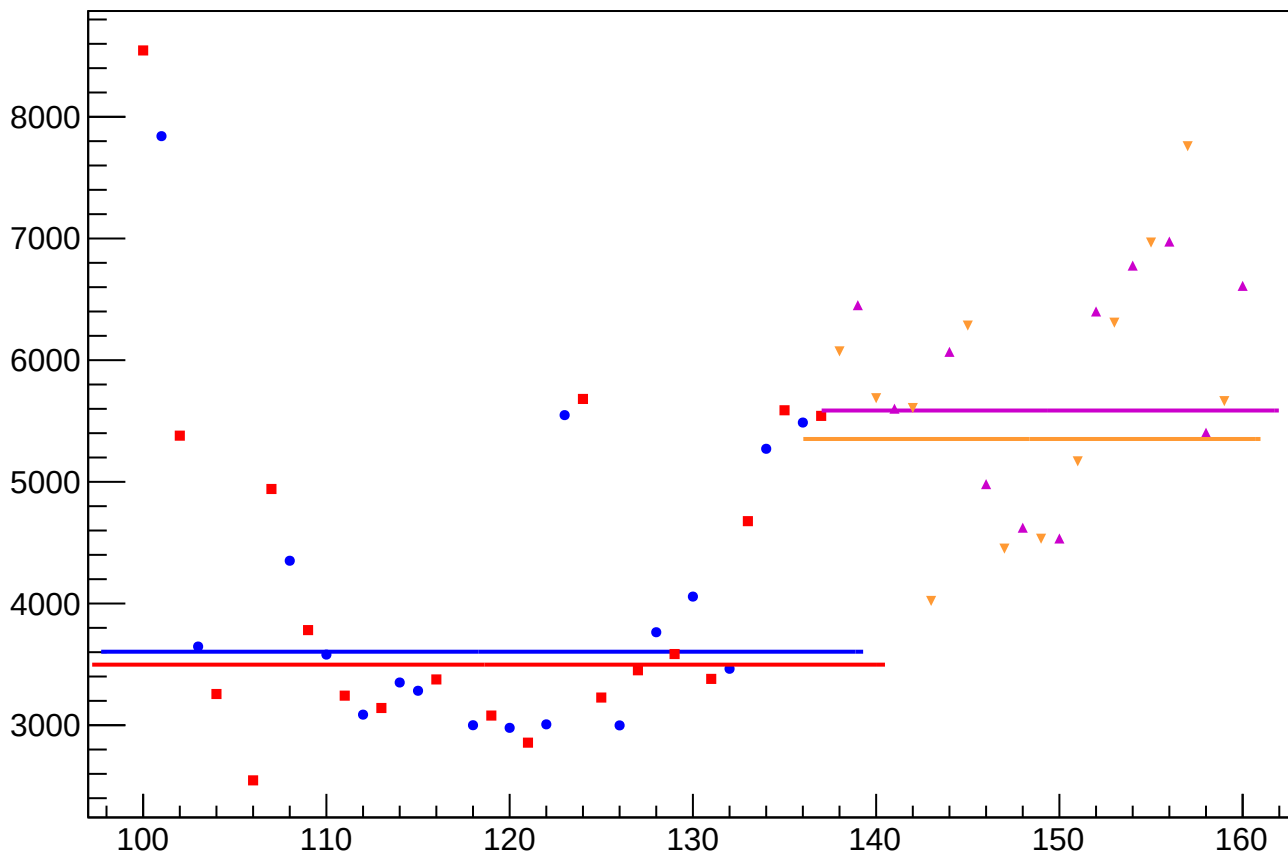
Right Out: -2833.408 $\pm$ 1379.110 χ^2 /NDF: 17.7/18

Left In: -1195.421 $\pm$ 1888.417 χ^2 /NDF: 8.2/10

2965.708 $\pm$ 1133.725 χ^2 /NDF: 30.1/28

-2263.670 $\pm$ 1113.730 χ^2 /NDF: 26.5/29

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930 ± 1.023 χ^2/NDF : 784674.5/16

Left Out: 5352.304 ± 1.290 χ^2/NDF : 597450.1/11

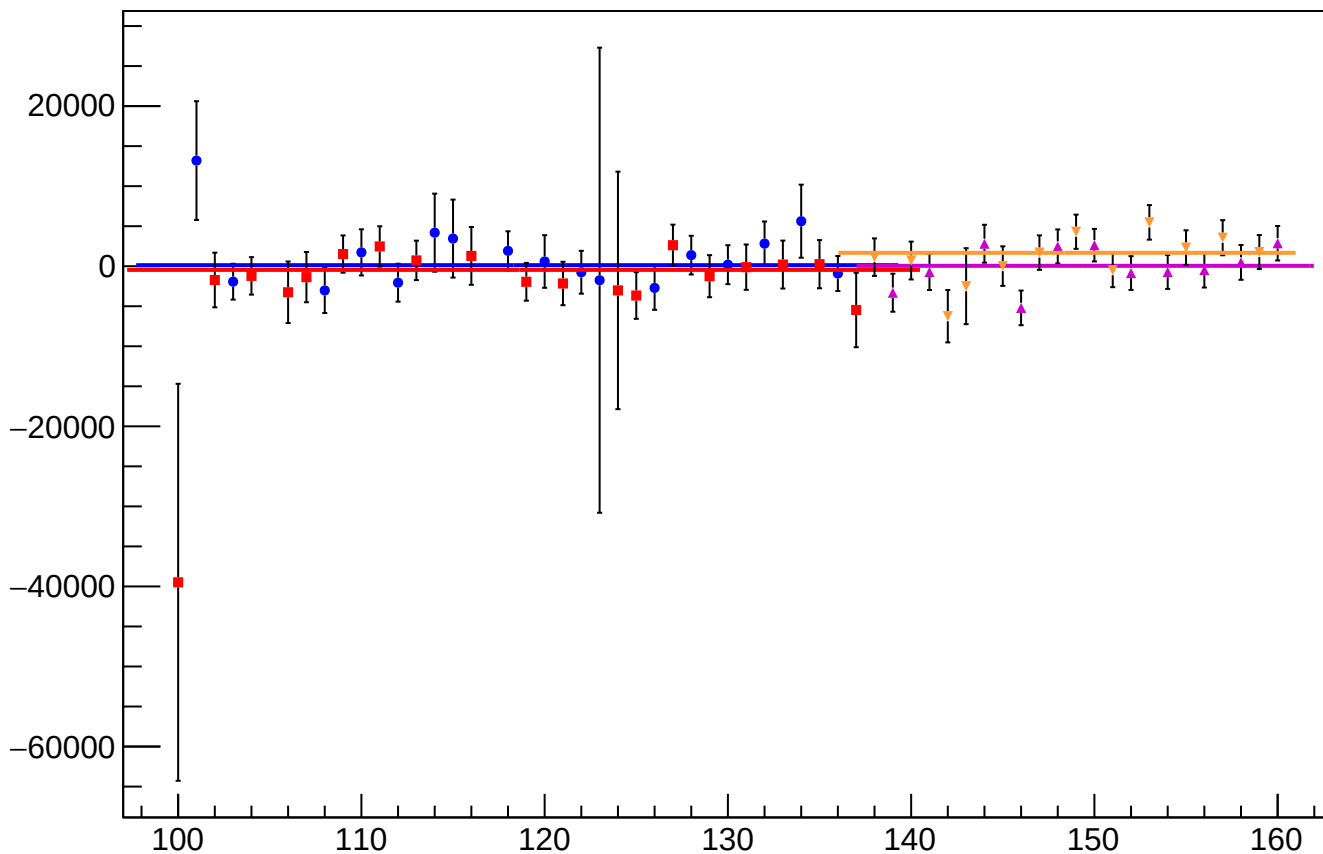
Right Out: 3497.586 ± 0.962 χ^2/NDF : 661898.6/18

Left In: 5586.259 ± 1.335 χ^2/NDF : 403749.7/10

4279.332 ± 0.802 χ^2/NDF : 2509760.6/28

4210.880 ± 0.780 χ^2/NDF : 2676766.5/29

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913 ± 709.207 χ^2/NDF : 12.2/16

Left Out: 1673.725 ± 677.676 χ^2/NDF : 13.8/11

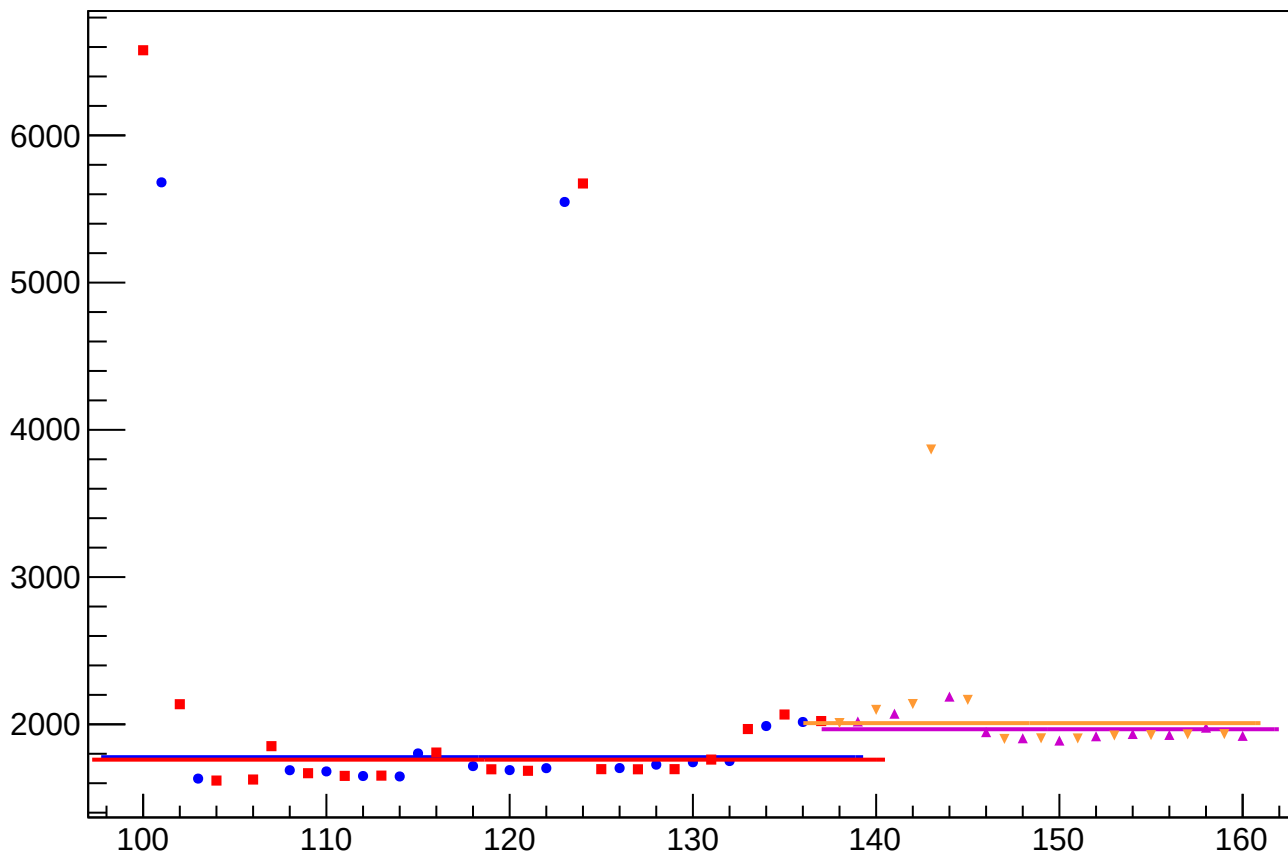
Right Out: -459.034 ± 681.841 χ^2/NDF : 10.7/18

Left In: 49.136 ± 657.441 χ^2/NDF : 14.4/10

937.377 ± 489.957 χ^2/NDF : 28.4/28

-195.694 ± 473.272 χ^2/NDF : 25.4/29

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879+/-0.501 χ^2/NDF : 643576.8/16

Left Out: 2008.054+/-0.479 χ^2/NDF : 346256.5/11

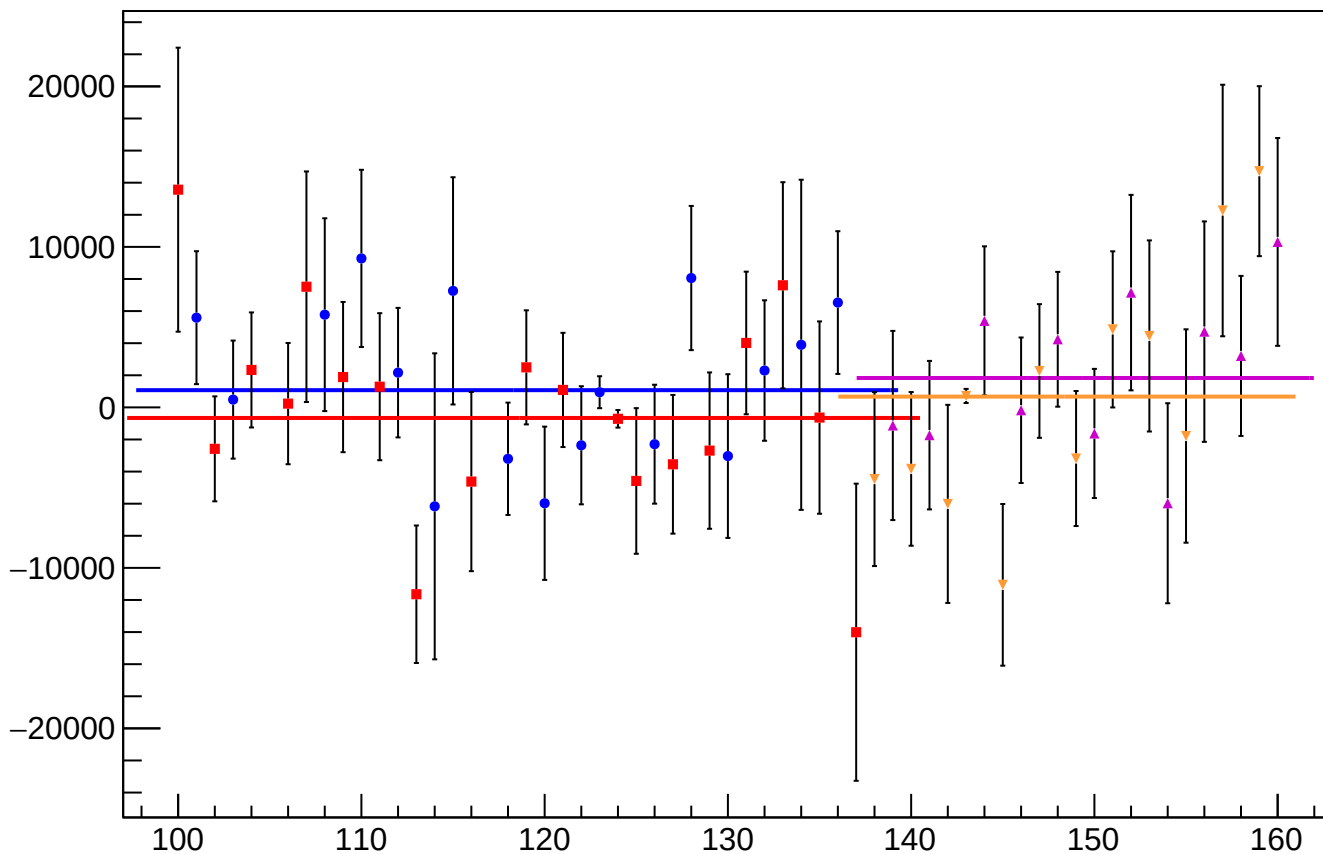
Right Out: 1759.990+/-0.479 χ^2/NDF : 306154.6/18

Left In: 1966.596+/-0.465 χ^2/NDF : 30609.9/10

1897.719+/-0.346 χ^2/NDF : 1100914.0/28

1866.352+/-0.334 χ^2/NDF : 432598.2/29

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1072.194 ± 752.280 χ^2/NDF : 15.6/16

Left Out: 670.339 ± 422.815 χ^2/NDF : 19.9/11

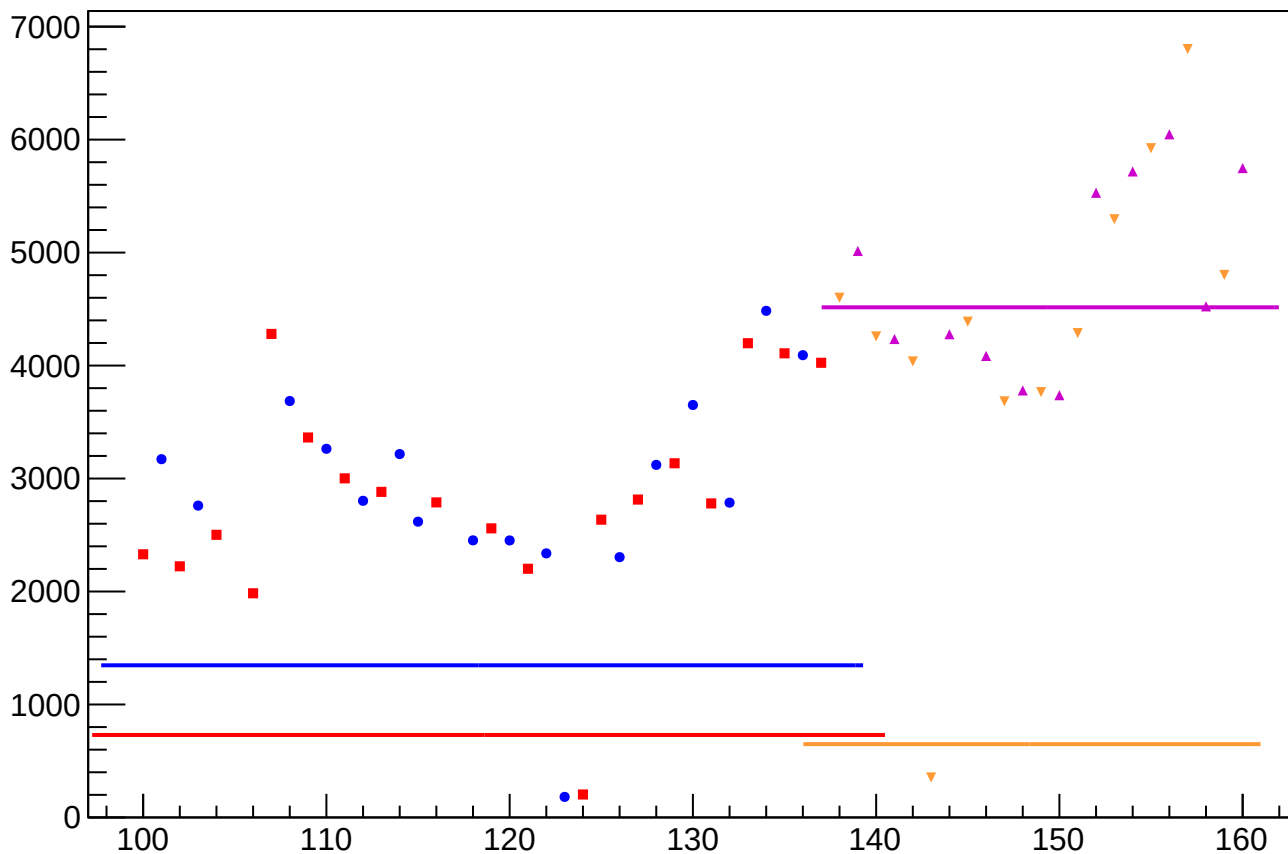
Right Out: -658.759 ± 488.034 χ^2/NDF : 19.8/18

Left In: 1832.017 ± 1530.351 χ^2/NDF : 7.0/10

766.808 ± 368.587 χ^2/NDF : 35.7/28

-428.832 ± 464.963 χ^2/NDF : 29.2/29

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836 $\pm$ 0.532 χ^2 /NDF: 6839112.6/16

Left Out: 649.060 $\pm$ 0.299 χ^2 /NDF:13028091.9/11

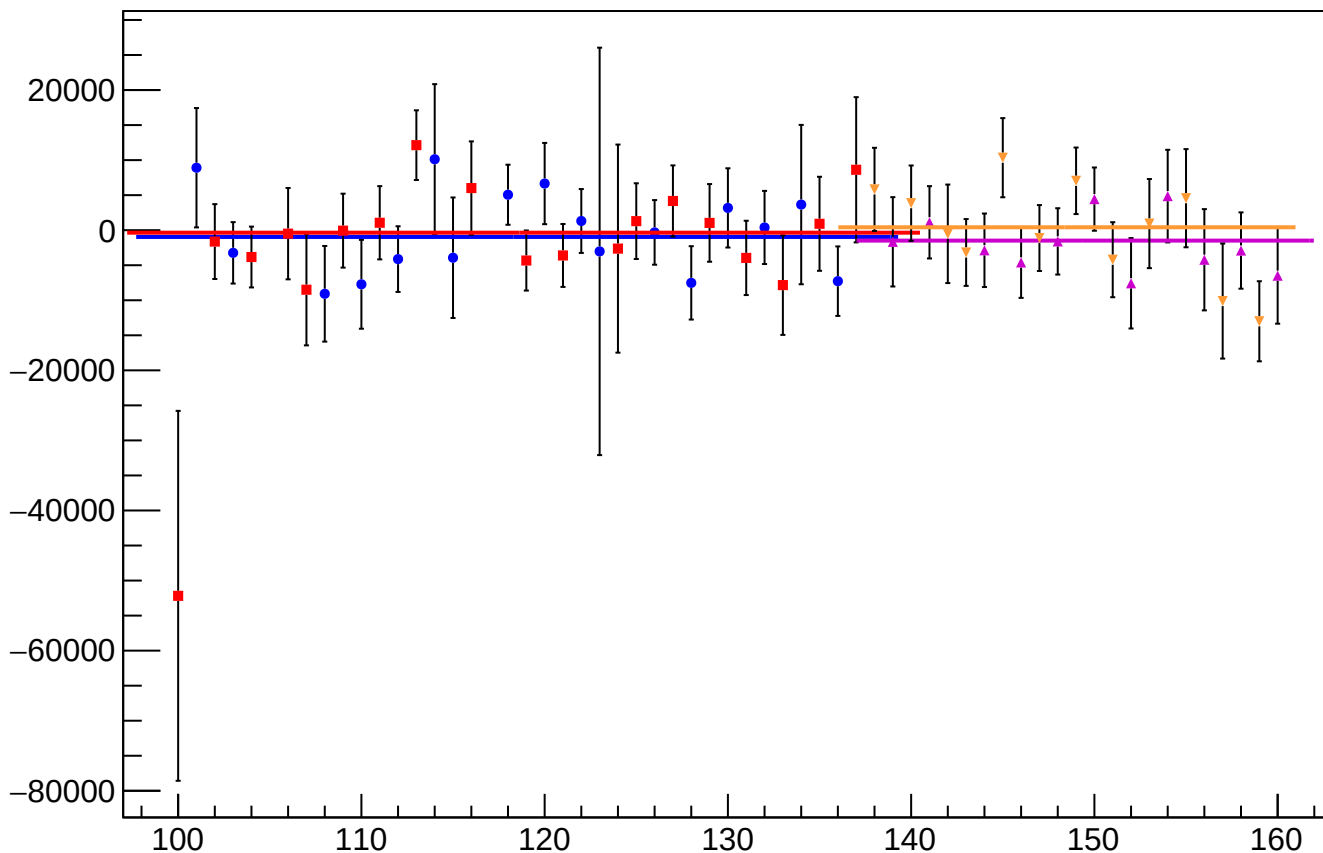
Right Out: 730.119 $\pm$ 0.345 χ^2 /NDF: 9503127.2/18

Left In: 4515.691 $\pm$ 1.082 χ^2 /NDF:482991.4/10

816.569 $\pm$ 0.261 χ^2 /NDF: 21174825.4/28

1079.570 $\pm$ 0.329 χ^2 /NDF: 21094417.2/29

asym_atr1l2_dd_mean vs Slug



Right In: -964.151 ± 1395.626 χ^2/NDF : 13.7/16

Left Out: 416.213 ± 1636.124 χ^2/NDF : 15.2/11

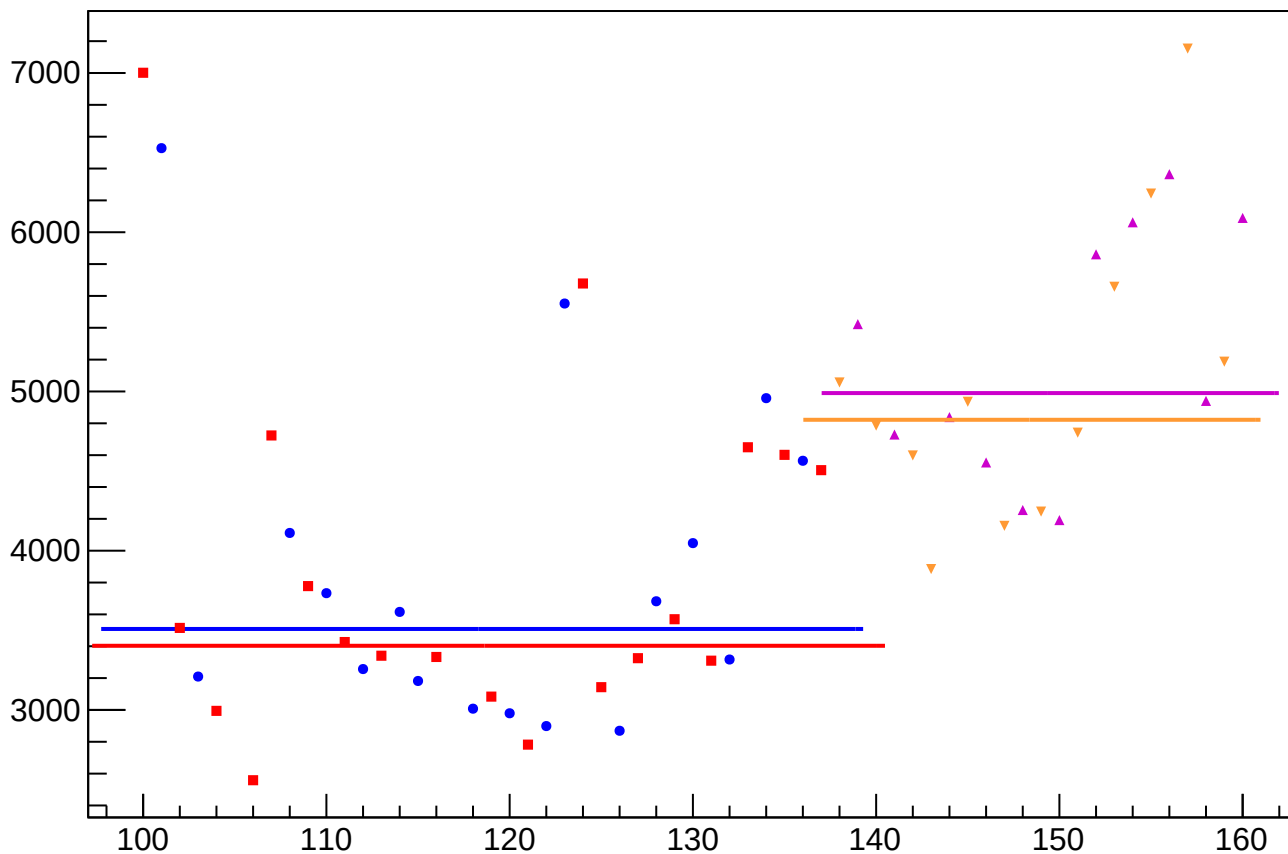
Right Out: -354.646 ± 1329.760 χ^2/NDF : 17.6/18

Left In: -1487.075 ± 1684.219 χ^2/NDF : 5.0/10

-382.784 ± 1061.805 χ^2/NDF : 29.4/28

-789.498 ± 1043.672 χ^2/NDF : 22.9/29

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 4822.151+/-1.157 χ^2/NDF : 439692.2/11

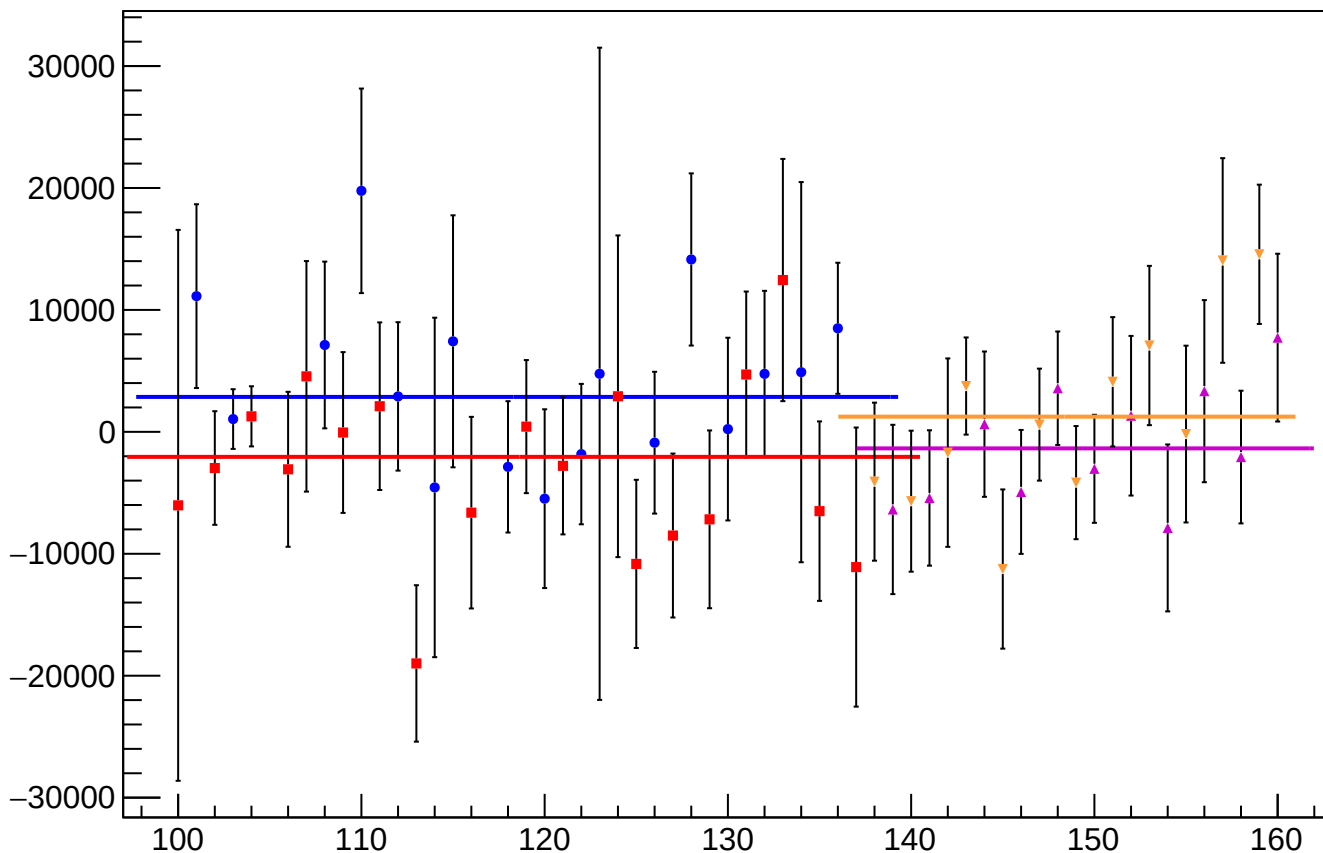
Right Out: 3402.883+/-0.928 χ^2/NDF : 428556.1/18

Left In: 4989.875+/-1.191 χ^2/NDF : 354758.2/10

4061.757+/-0.751 χ^2/NDF : 1748205.5/28

4002.536+/-0.732 χ^2/NDF : 1888089.7/29

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: 1246.521+/-1635.866 χ^2/NDF : 16.6/11

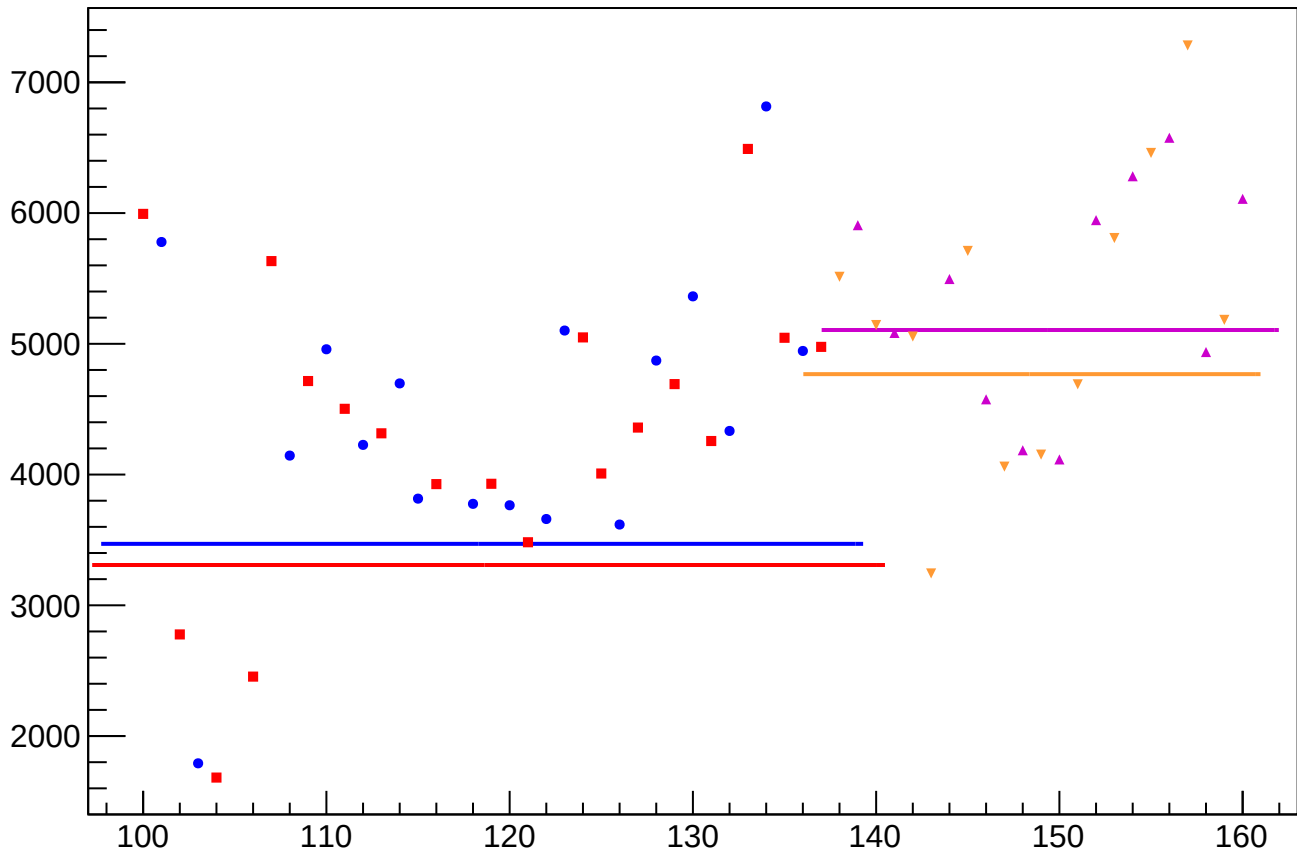
Right Out: -2051.211+/-1381.577 χ^2/NDF : 17.7/18

Left In: -1356.464+/-1728.485 χ^2/NDF : 6.2/10

2151.302+/-1086.206 χ^2/NDF : 31.2/28

-1780.380+/-1079.199 χ^2/NDF : 23.9/29

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 4768.058 $\pm$ 1.157 χ^2 /NDF: 804971.4/11

4042.307 $\pm$ 0.768 χ^2 /NDF: 3269879.7/28

Right Out: 3308.243 $\pm$ 0.968 χ^2 /NDF: 1910782.0/18

4001.105 $\pm$ 0.759 χ^2 /NDF: 3688880.2/29

Left In: 5105.691 $\pm$ 1.222 χ^2 /NDF: 449006.6/10

asym_atl_avg_atr_avg_avg_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 : 0.0/0

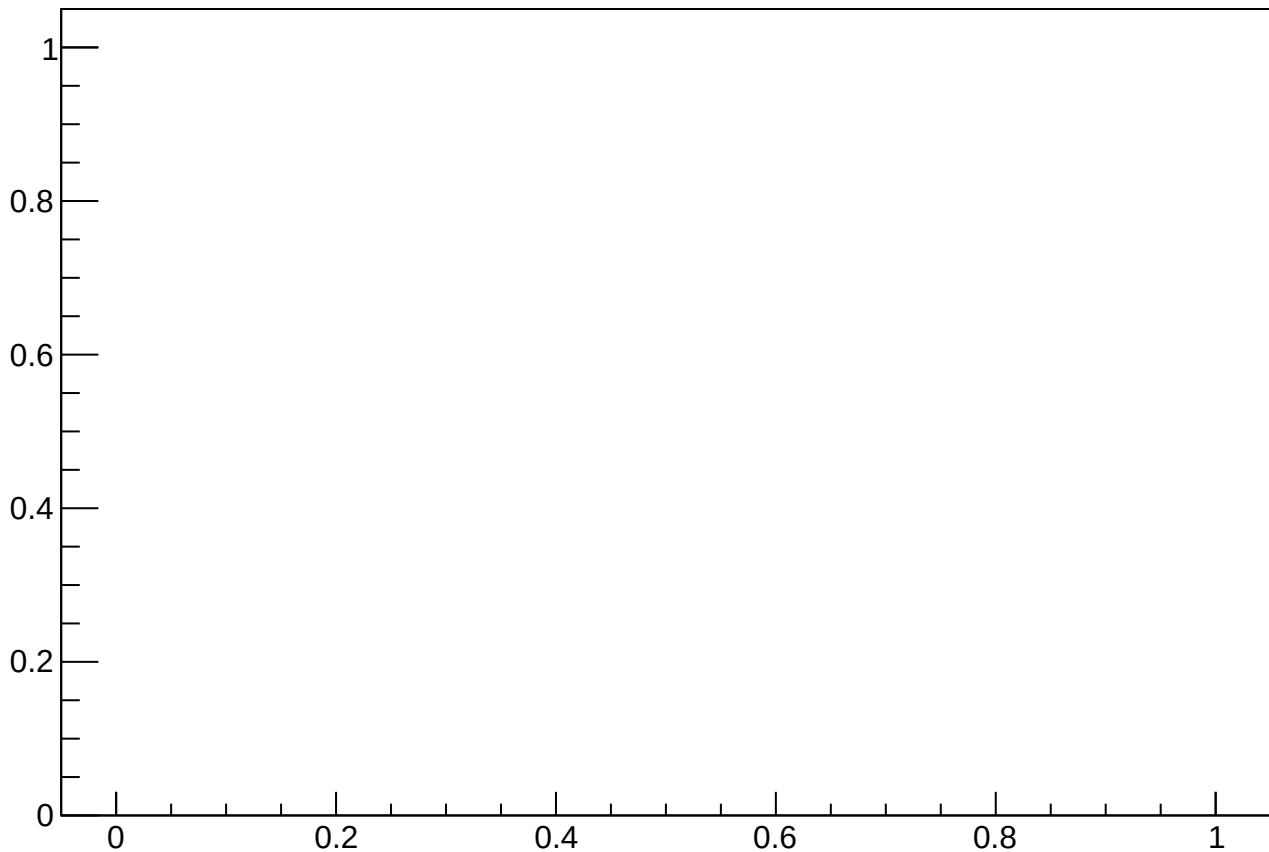
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

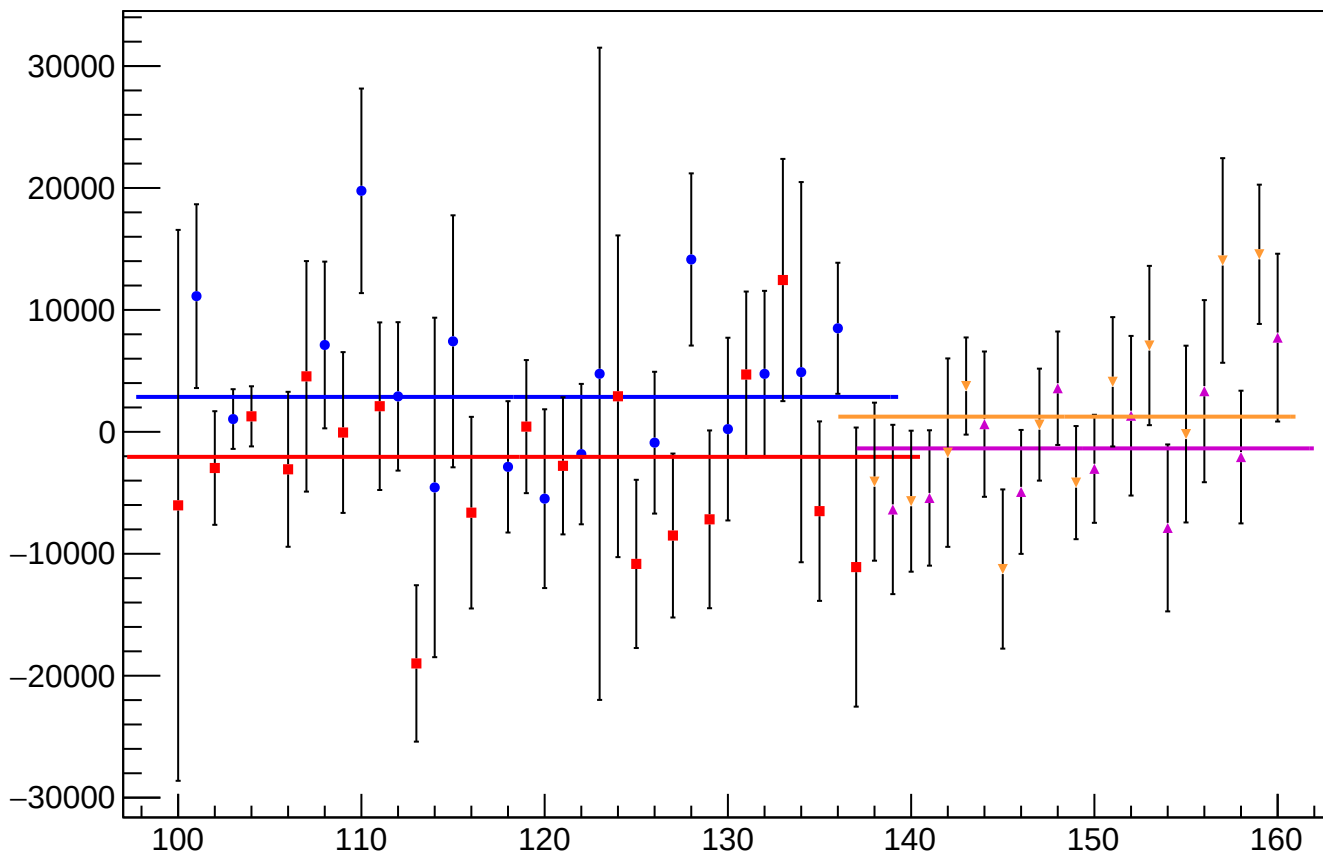
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: 1246.521+/-1635.866 χ^2/NDF : 16.6/11

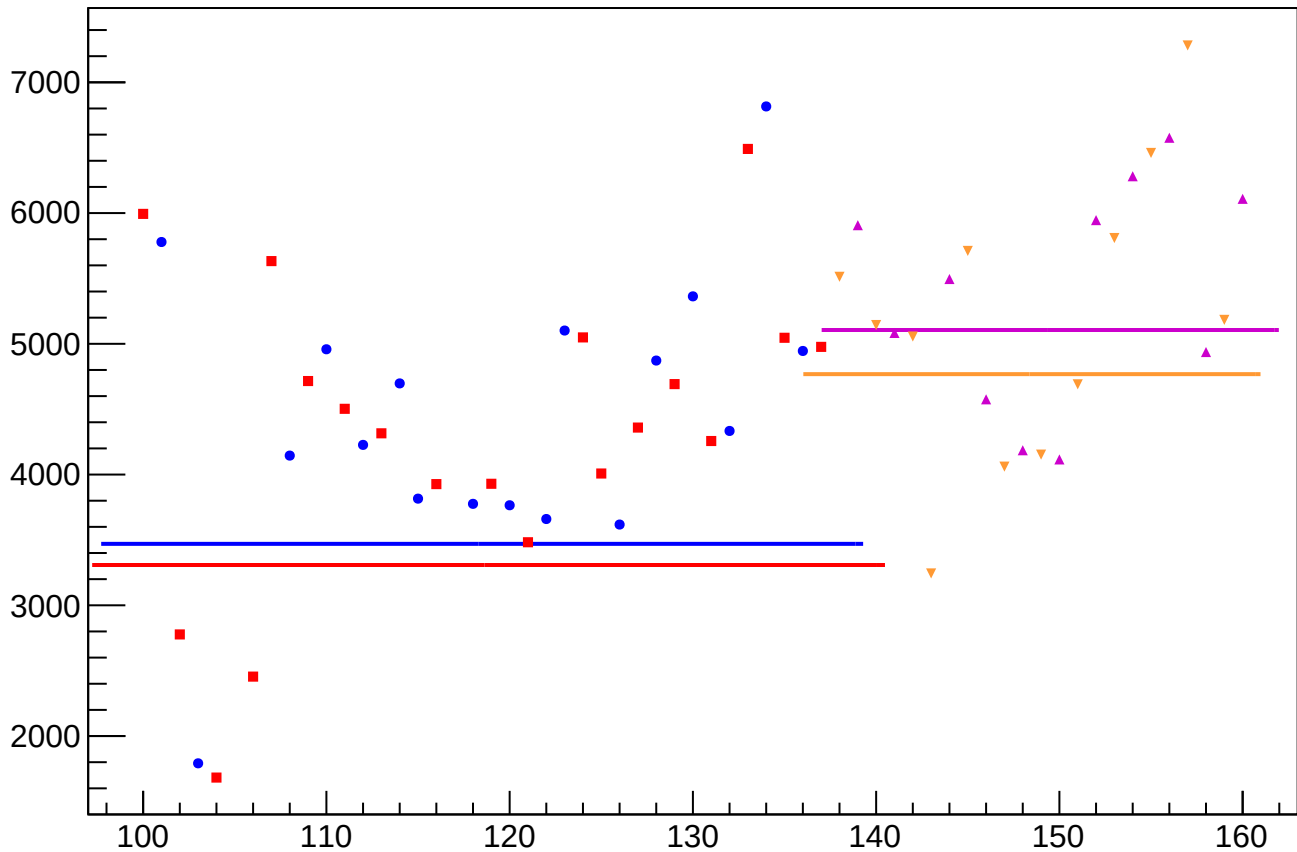
Right Out: -2051.211+/-1381.577 χ^2/NDF : 17.7/18

Left In: -1356.464+/-1728.485 χ^2/NDF : 6.2/10

2151.302+/-1086.206 χ^2/NDF : 31.2/28

-1780.380+/-1079.199 χ^2/NDF : 23.9/29

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 4768.058 $\pm$ 1.157 χ^2 /NDF: 804971.4/11

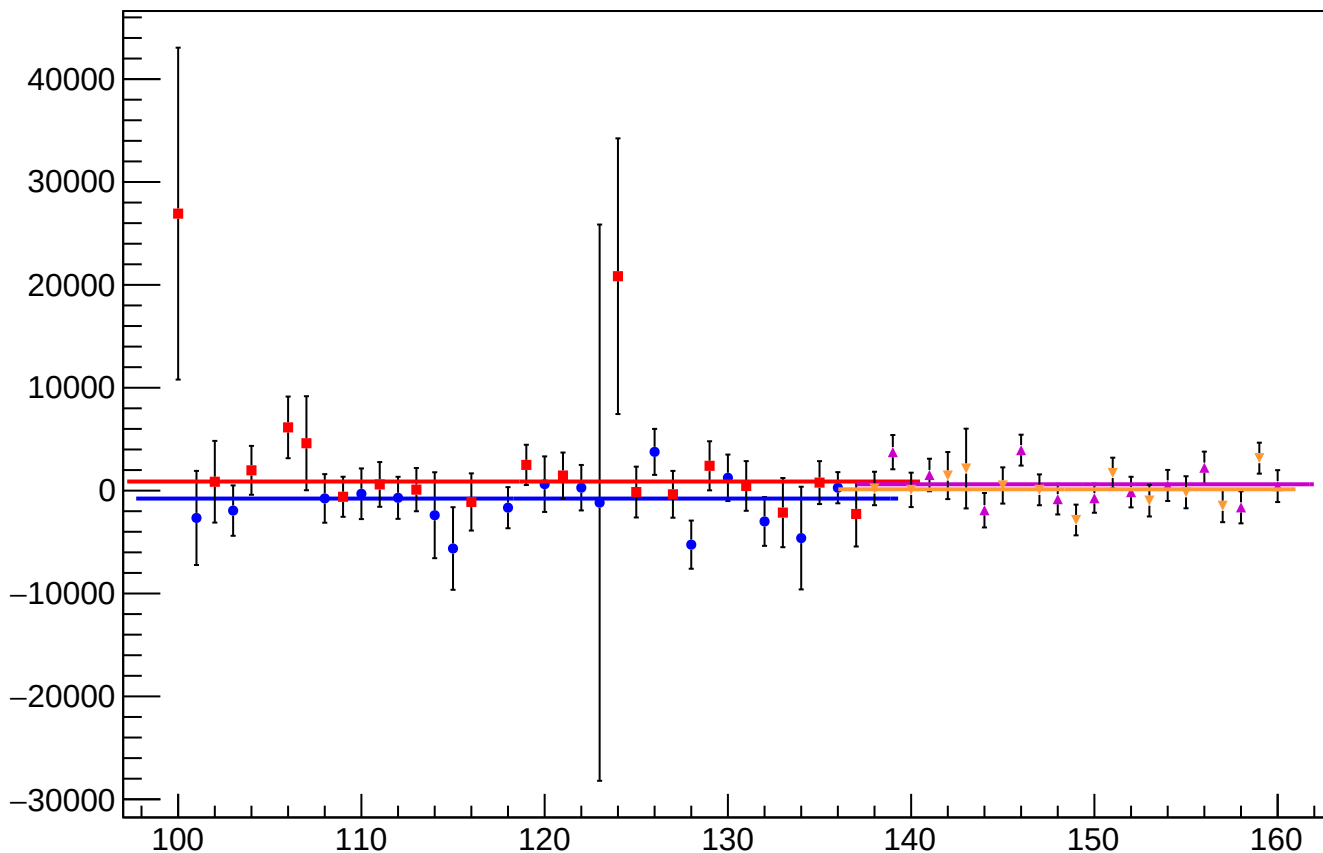
Right Out: 3308.243 $\pm$ 0.968 χ^2 /NDF: 1910782.0/18

Left In: 5105.691 $\pm$ 1.222 χ^2 /NDF: 449006.6/10

4042.307 $\pm$ 0.768 χ^2 /NDF: 3269879.7/28

4001.105 $\pm$ 0.759 χ^2 /NDF: 3688880.2/29

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 129.282+/-480.716 χ^2/NDF : 11.4/11

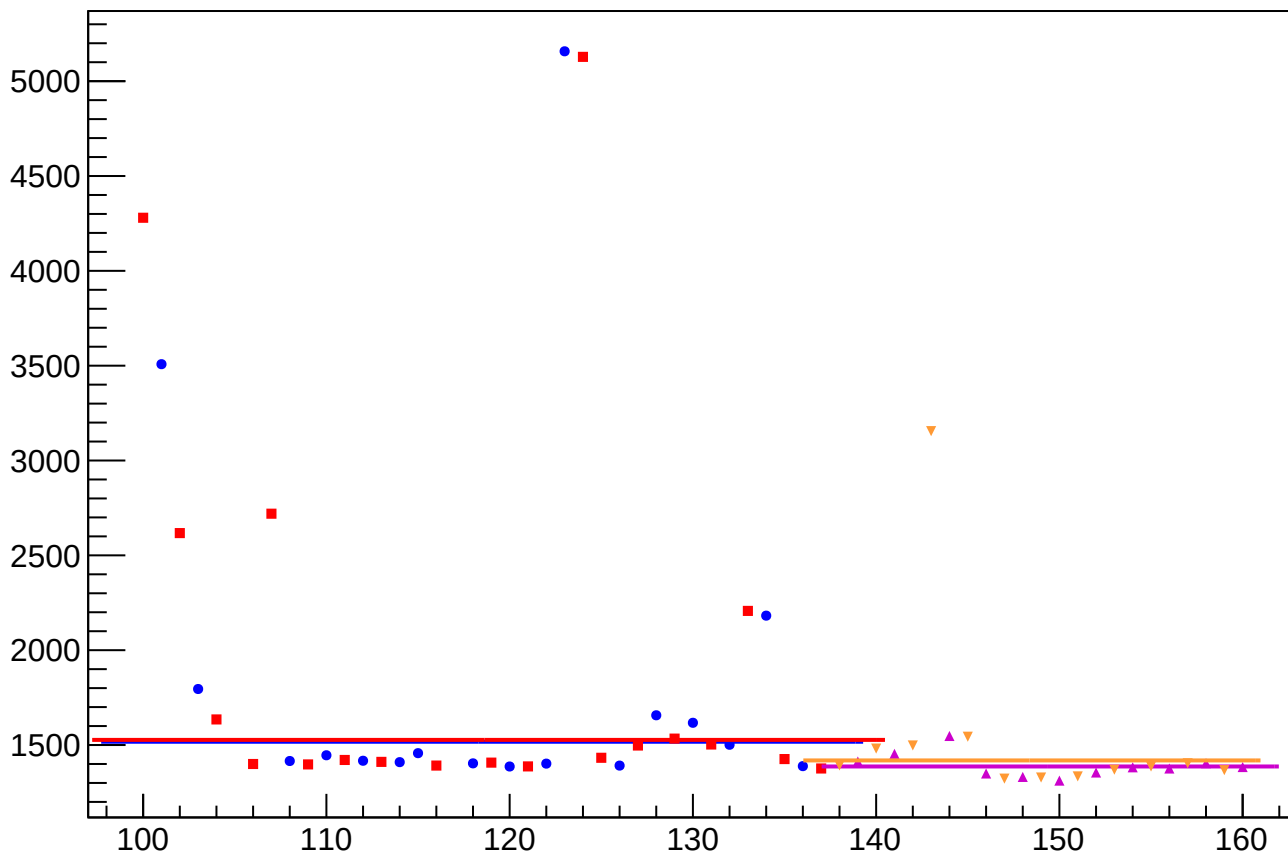
Right Out: 885.145+/-595.053 χ^2/NDF : 13.5/18

Left In: 616.521+/-464.108 χ^2/NDF : 16.3/10

-220.121+/-376.054 χ^2/NDF : 26.0/28

718.123+/-365.960 χ^2/NDF : 29.9/29

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1418.722+/-0.340 χ^2/NDF : 444325.5/11

Right Out: 1527.005+/-0.421 χ^2/NDF : 631684.2/18

Left In: 1386.847+/-0.328 χ^2/NDF : 33290.8/10

1456.987+/-0.266 χ^2/NDF : 1013646.3/28

1439.860+/-0.259 χ^2/NDF : 733965.2/29

asym_atl_avg_atr_avg_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: 0.0/0

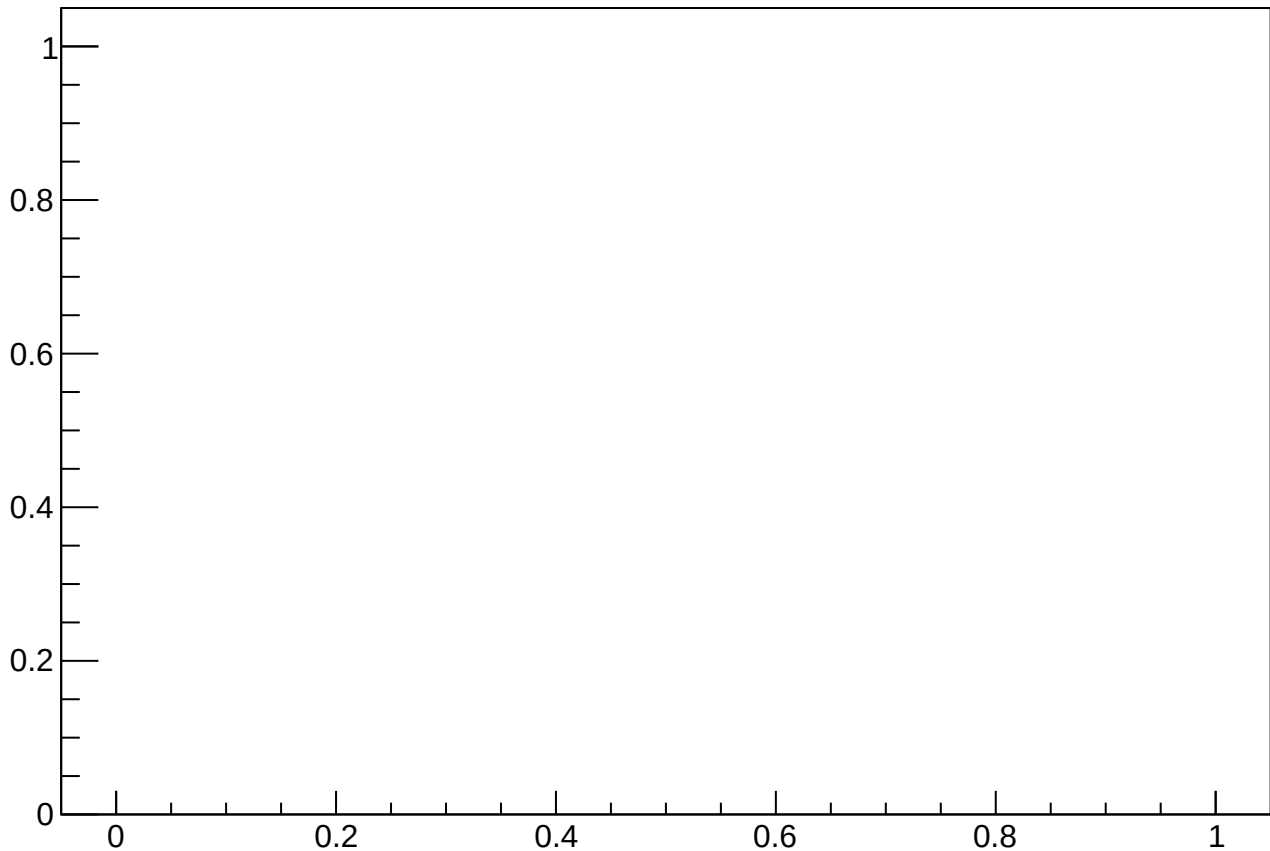
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

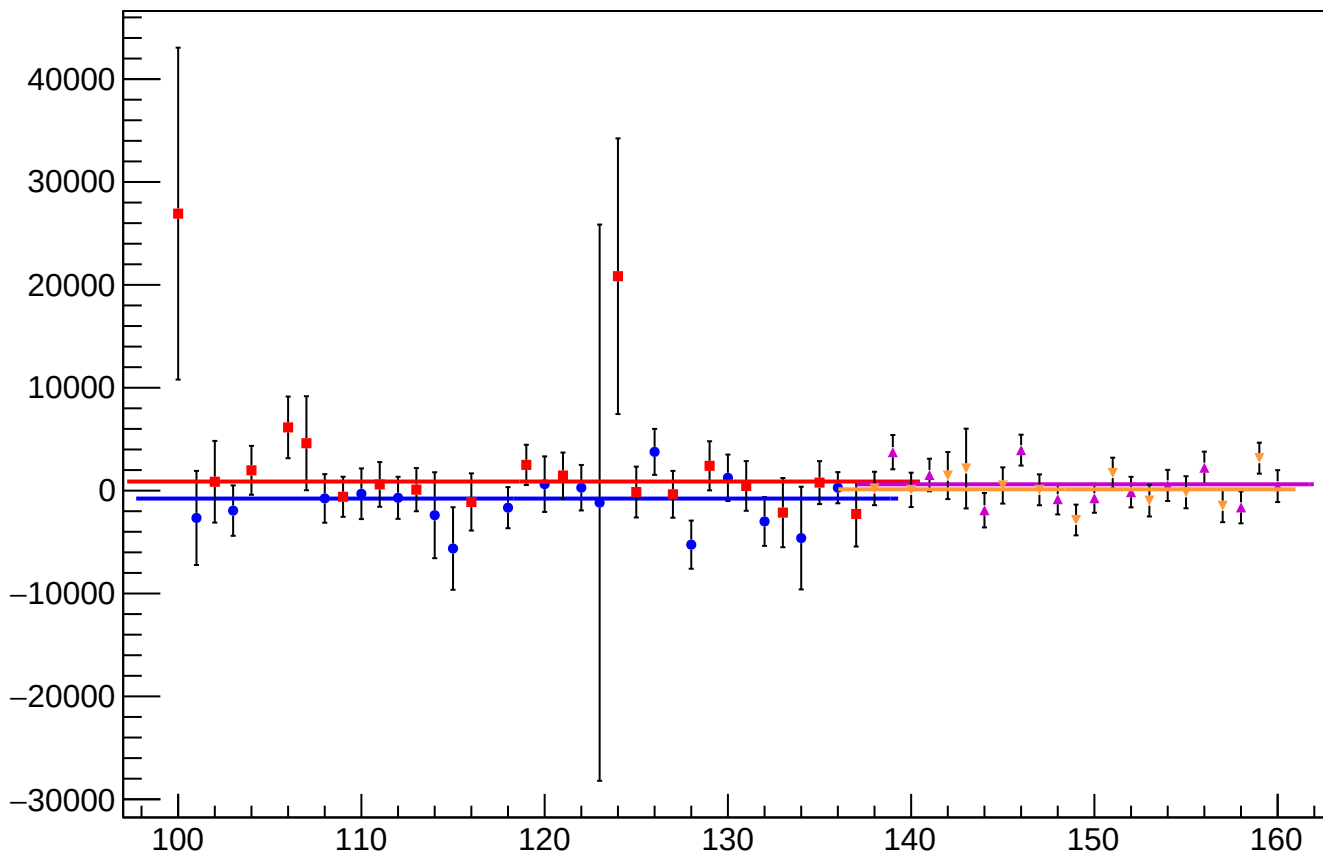
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 129.282+/-480.716 χ^2/NDF : 11.4/11

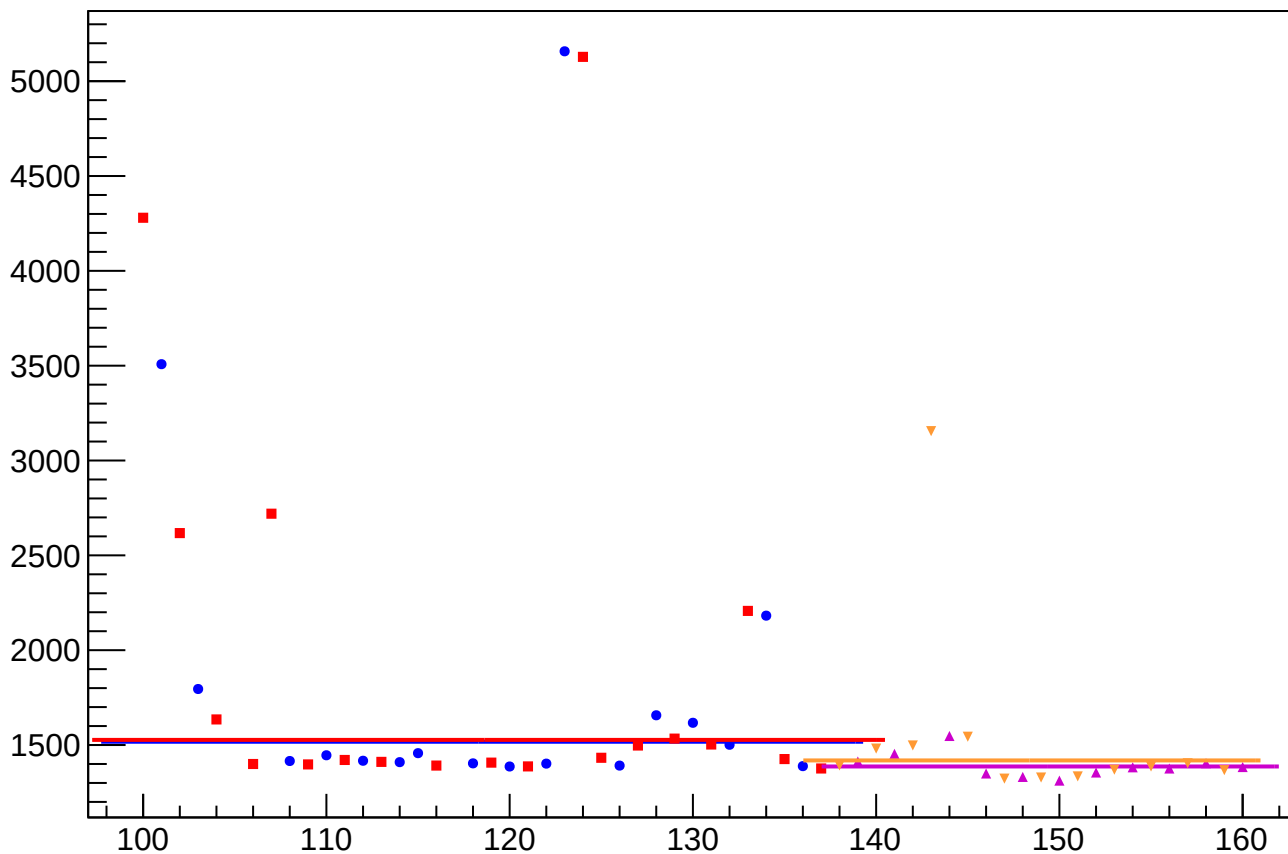
Right Out: 885.145+/-595.053 χ^2/NDF : 13.5/18

Left In: 616.521+/-464.108 χ^2/NDF : 16.3/10

-220.121+/-376.054 χ^2/NDF : 26.0/28

718.123+/-365.960 χ^2/NDF : 29.9/29

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334 ± 0.427 χ^2/NDF : 536662.7/16

Left Out: 1418.722 ± 0.340 χ^2/NDF : 444325.5/11

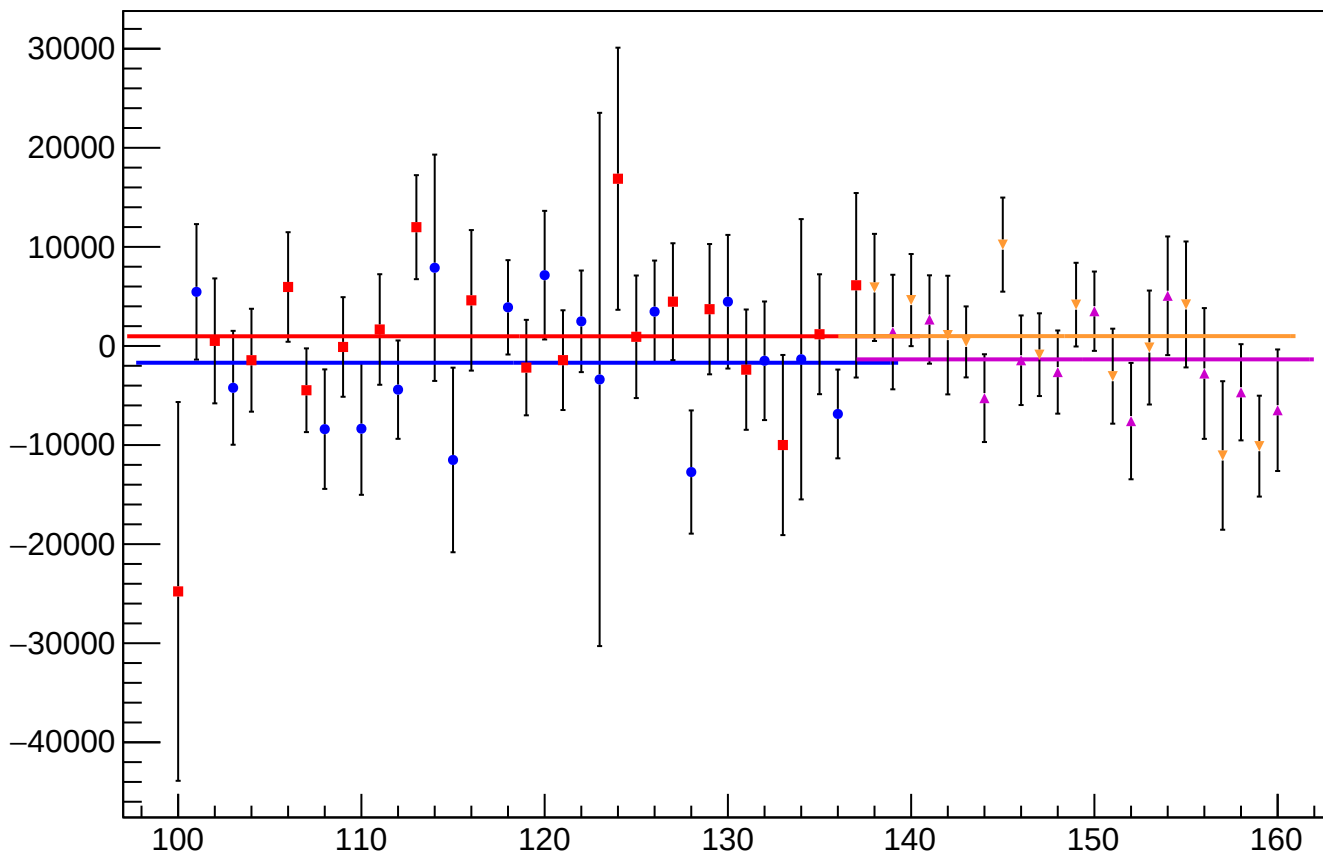
Right Out: 1527.005 ± 0.421 χ^2/NDF : 631684.2/18

Left In: 1386.847 ± 0.328 χ^2/NDF : 33290.8/10

1456.987 ± 0.266 χ^2/NDF : 1013646.3/28

1439.860 ± 0.259 χ^2/NDF : 733965.2/29

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604+/-1512.935 χ^2/NDF : 15.8/16

Left Out: 994.307+/-1415.729 χ^2/NDF : 14.4/11

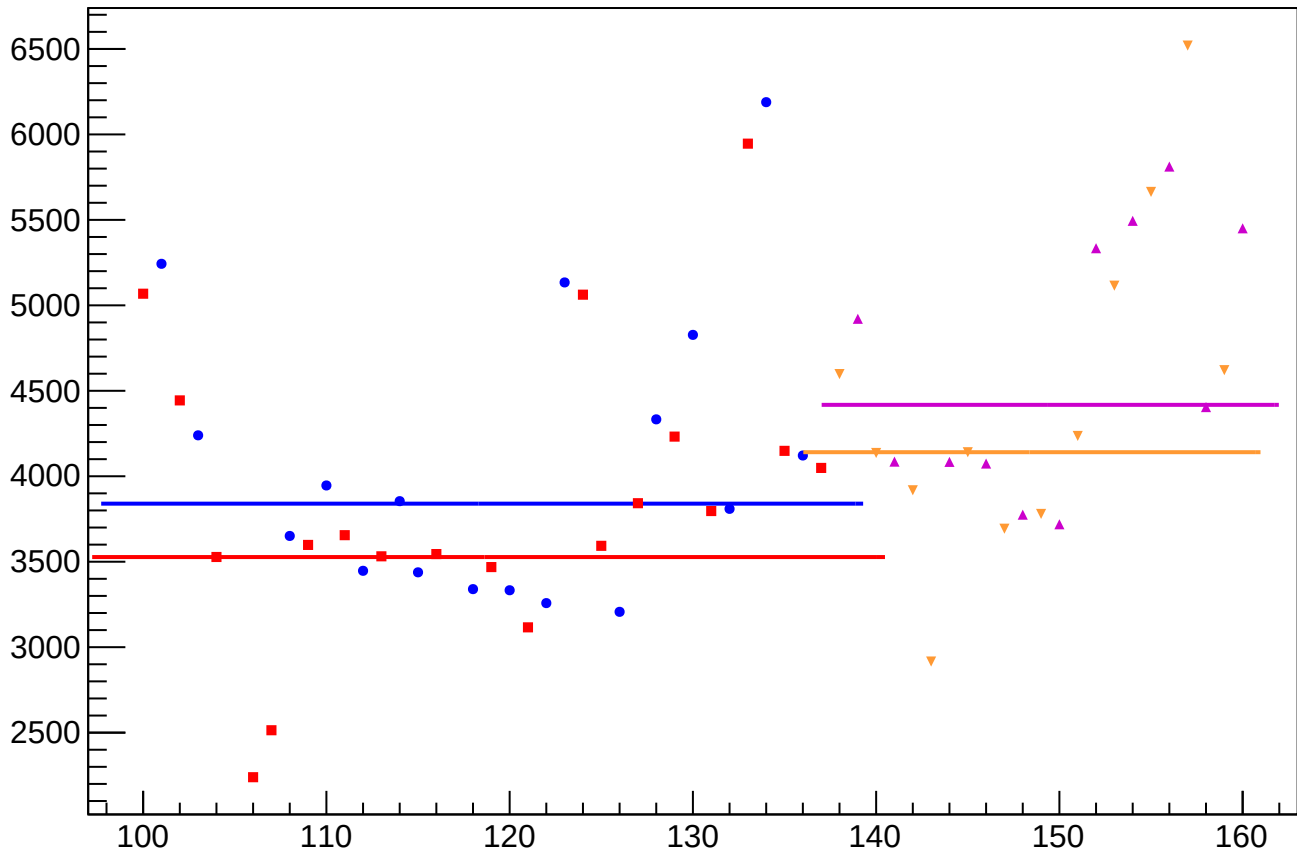
Right Out: 977.899+/-1378.874 χ^2/NDF : 13.9/18

Left In: -1351.917+/-1493.827 χ^2/NDF : 6.9/10

-260.064+/-1033.729 χ^2/NDF : 31.9/28

-93.929+/-1013.216 χ^2/NDF : 22.1/29

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4140.850+/-1.001 χ^2/NDF : 680707.9/11

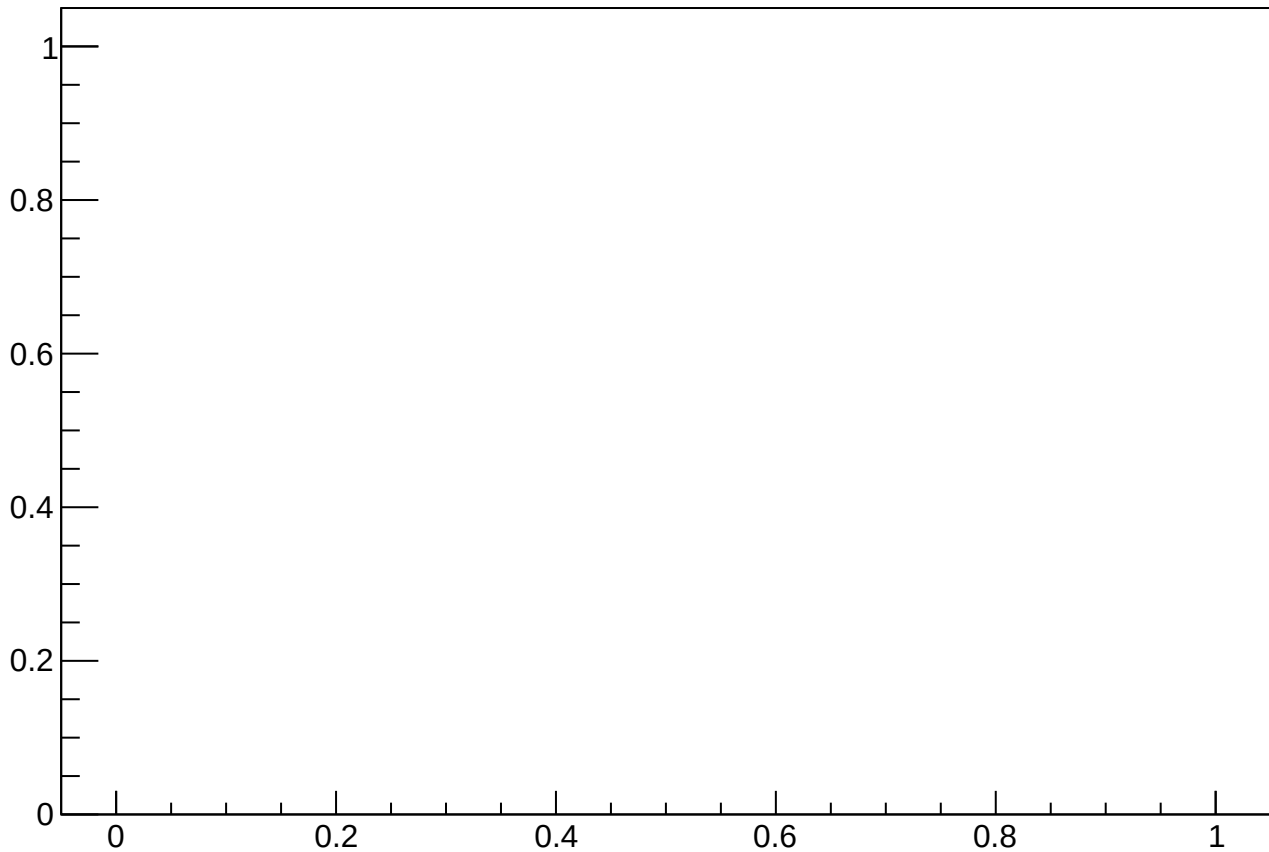
Right Out: 3527.320+/-0.966 χ^2/NDF : 554785.4/18

Left In: 4417.815+/-1.056 χ^2/NDF : 416288.3/10

4000.280+/-0.731 χ^2/NDF : 1048902.2/28

3932.954+/-0.713 χ^2/NDF : 1358044.7/29

asym_atl_dd_atr_dd_avg_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 : 0.0/0

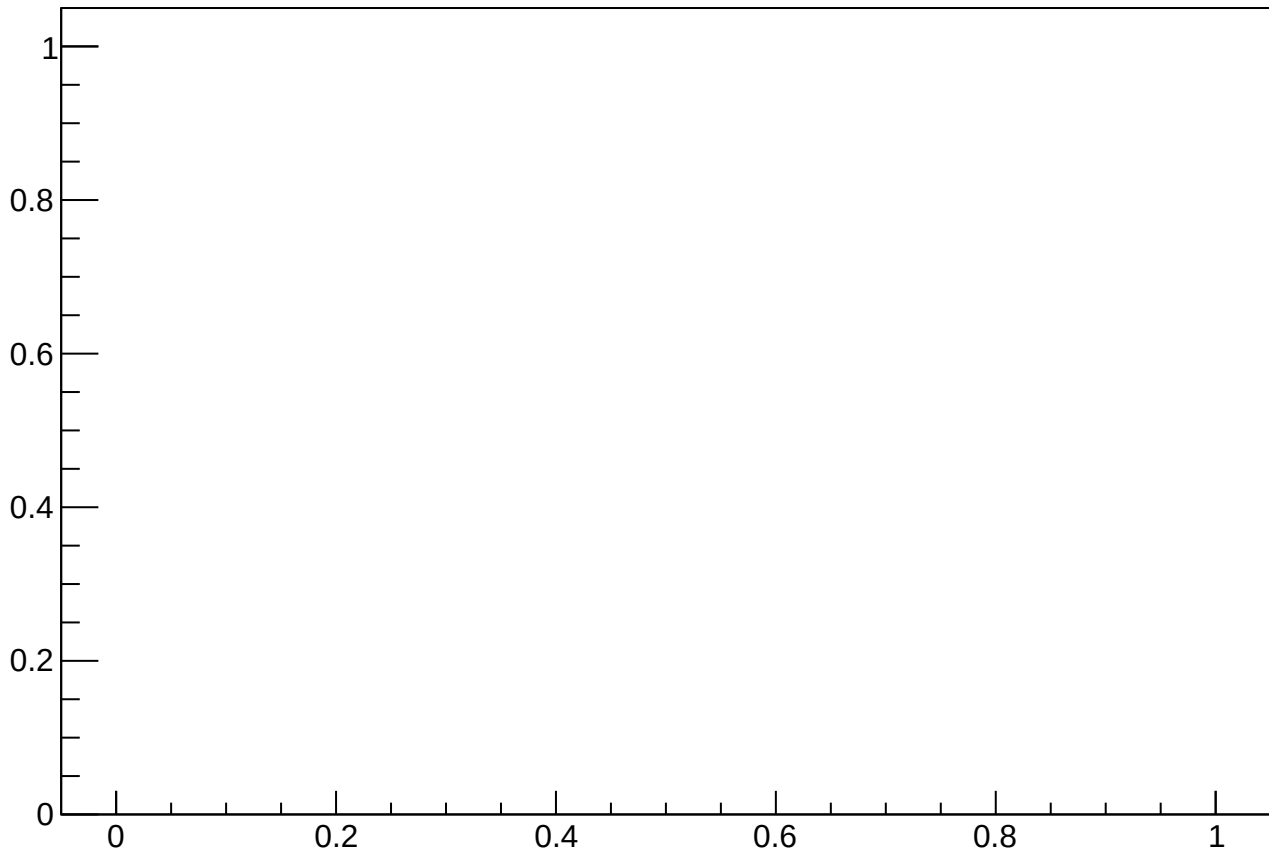
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

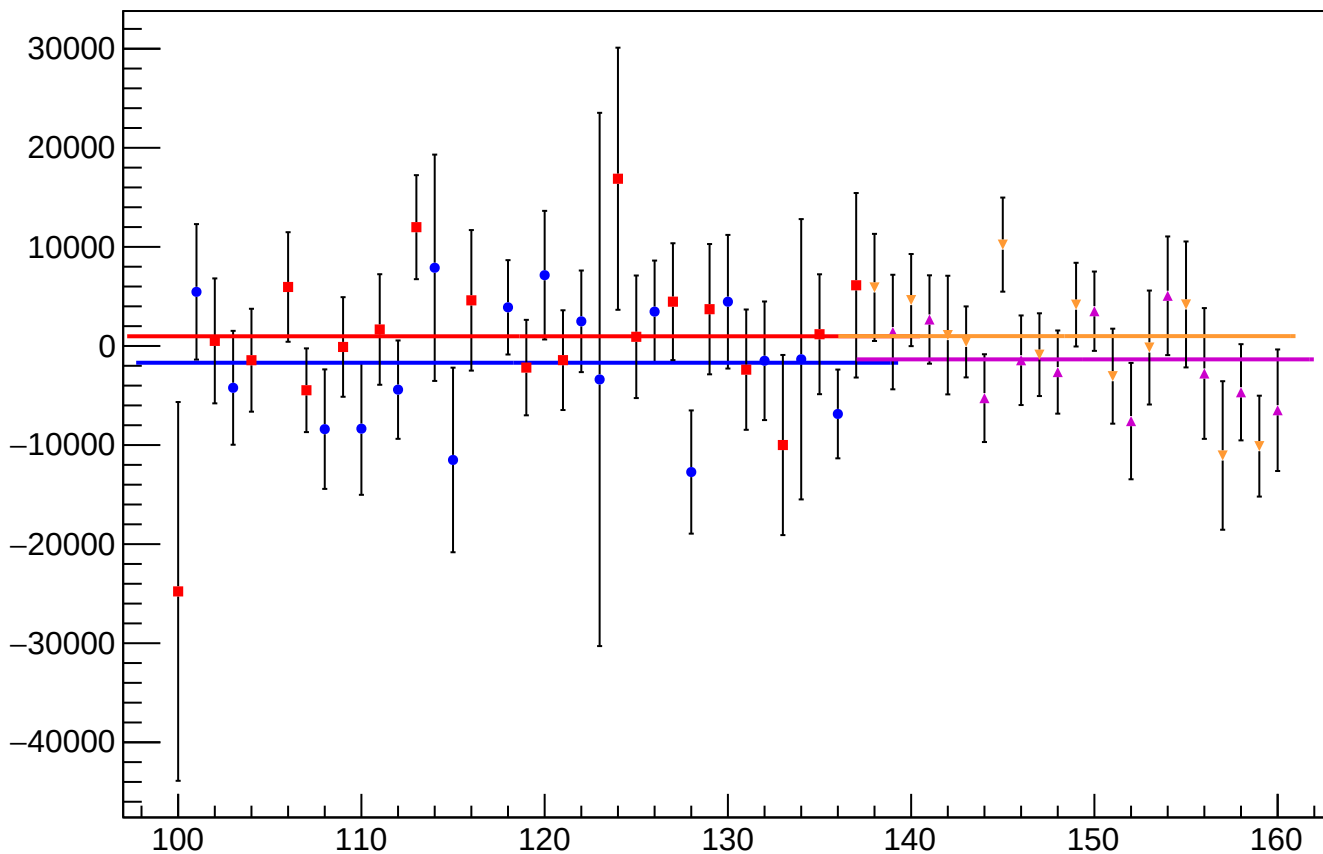
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604+/-1512.935 χ^2/NDF : 15.8/16

Left Out: 994.307+/-1415.729 χ^2/NDF : 14.4/11

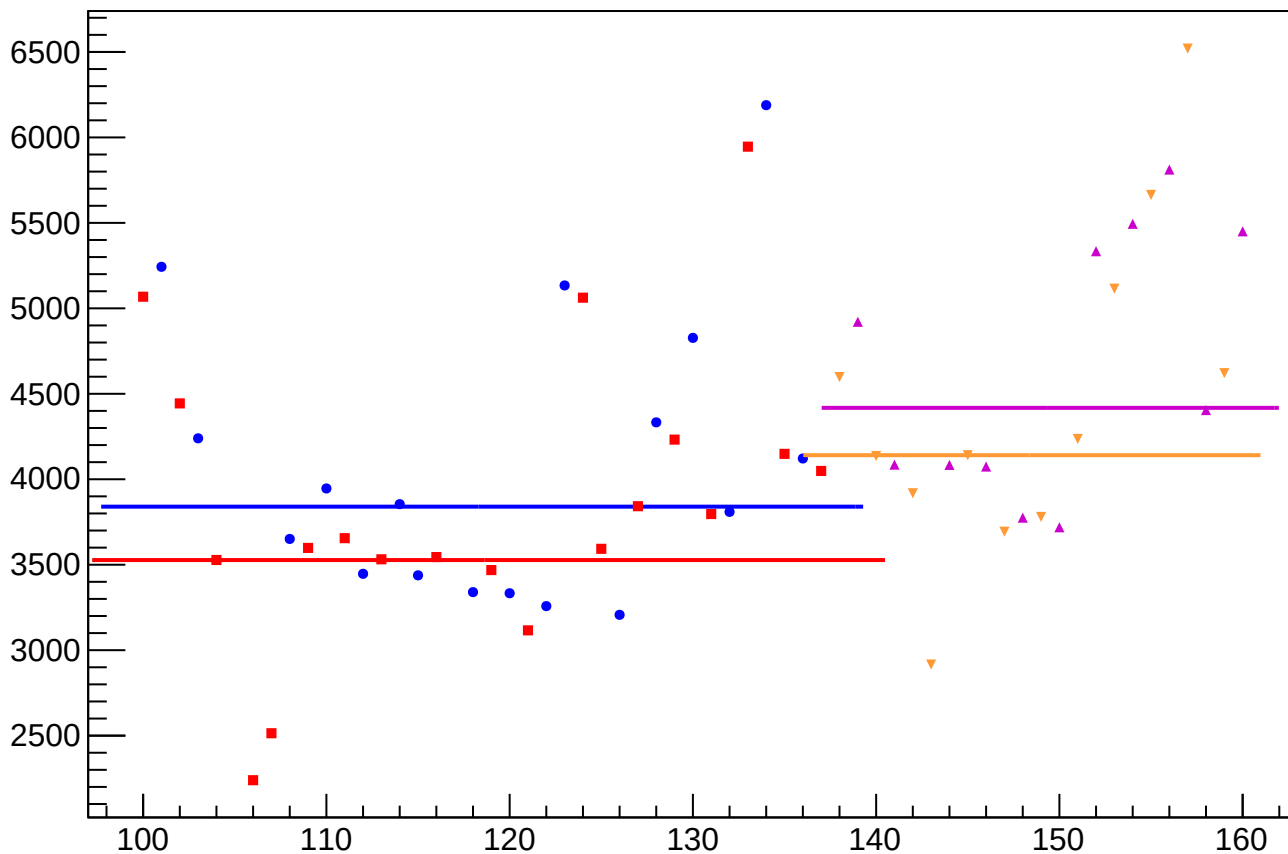
Right Out: 977.899+/-1378.874 χ^2/NDF : 13.9/18

Left In: -1351.917+/-1493.827 χ^2/NDF : 6.9/10

-260.064+/-1033.729 χ^2/NDF : 31.9/28

-93.929+/-1013.216 χ^2/NDF : 22.1/29

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751 ± 1.070 χ^2/NDF : 325959.2/16

Left Out: 4140.850 ± 1.001 χ^2/NDF : 680707.9/11

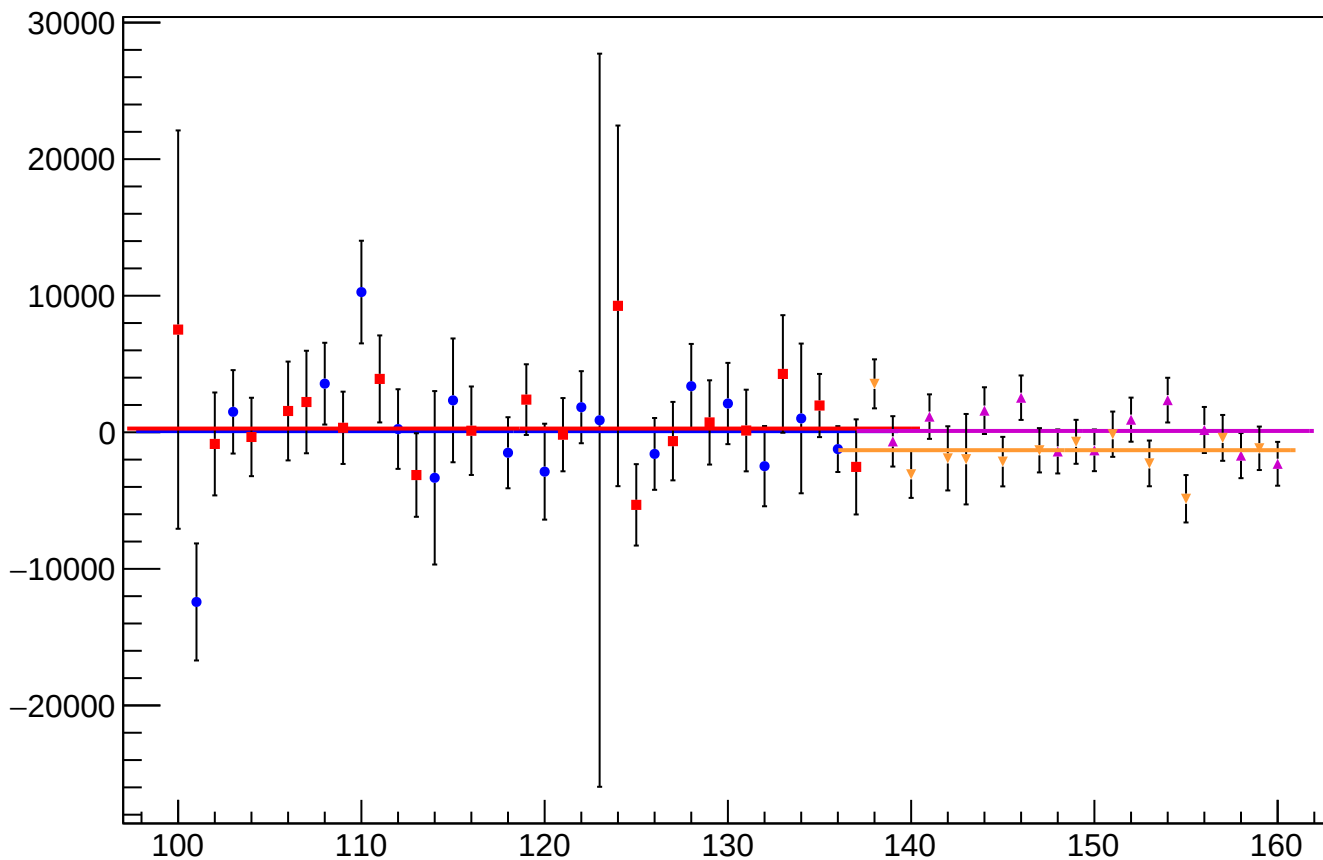
Right Out: 3527.320 ± 0.966 χ^2/NDF : 554785.4/18

Left In: 4417.815 ± 1.056 χ^2/NDF : 416288.3/10

4000.280 ± 0.731 χ^2/NDF : 1048902.2/28

3932.954 ± 0.713 χ^2/NDF : 1358044.7/29

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 ± 750.549 χ^2/NDF : 22.9/16

Left Out: -1310.545 ± 513.575 χ^2/NDF : 14.2/11

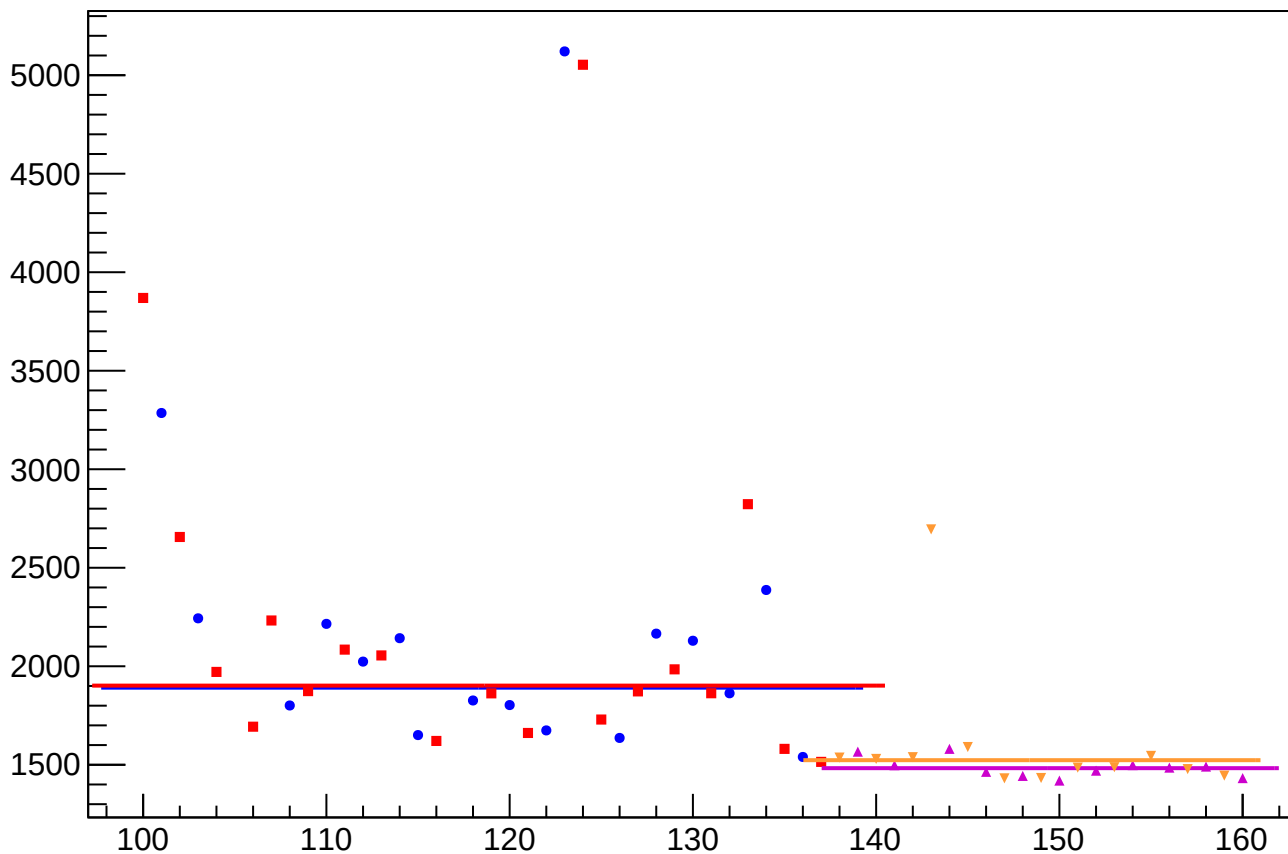
Right Out: 272.707 ± 734.115 χ^2/NDF : 10.2/18

Left In: 98.361 ± 495.875 χ^2/NDF : 10.9/10

-865.866 ± 423.846 χ^2/NDF : 39.4/28

152.986 ± 410.915 χ^2/NDF : 21.1/29

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1523.347+/-0.363 χ^2/NDF : 274567.8/11

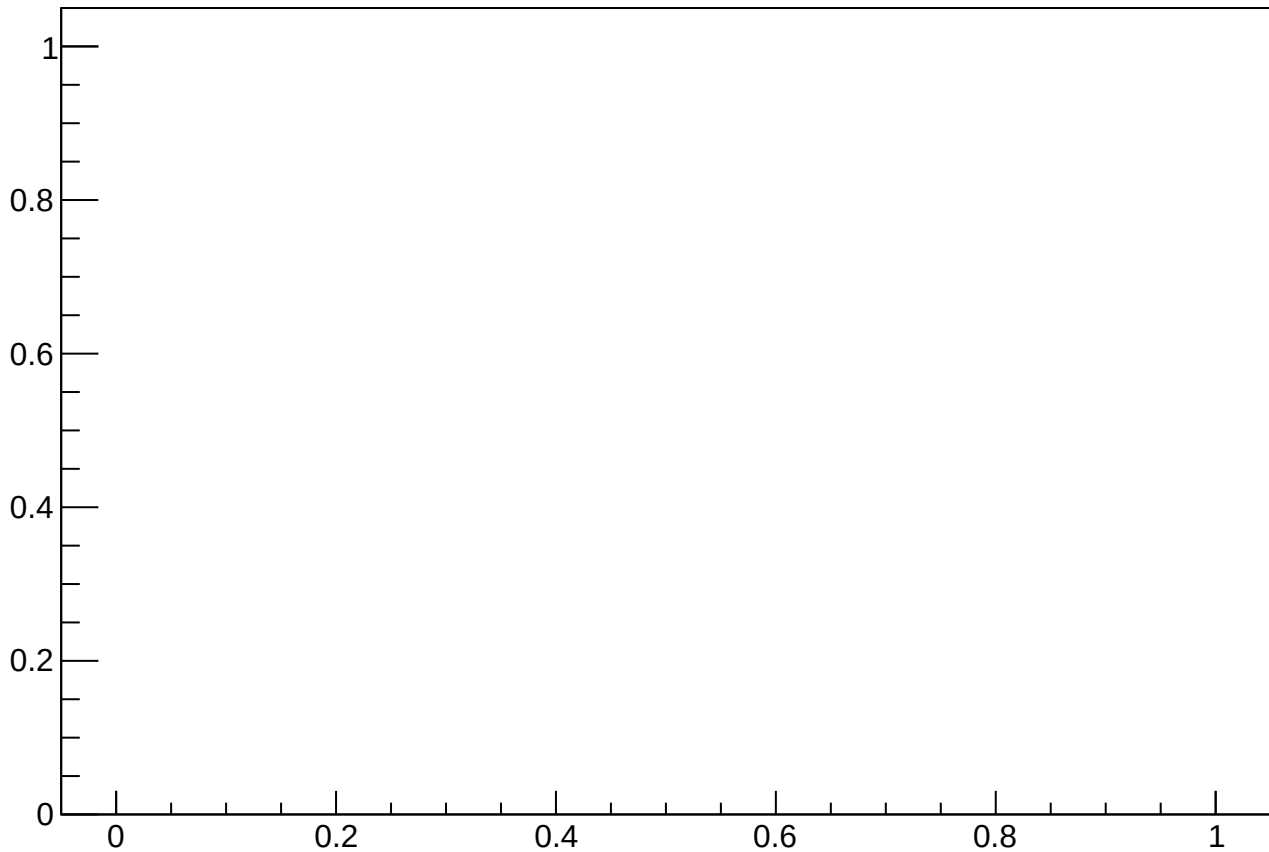
Right Out: 1901.797+/-0.519 χ^2/NDF : 460687.3/18

Left In: 1482.804+/-0.351 χ^2/NDF : 18056.6/10

1640.751+/-0.300 χ^2/NDF : 1066800.1/28

1614.082+/-0.291 χ^2/NDF : 926132.7/29

asym_atl_dd_atr_dd_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: 0.0/0

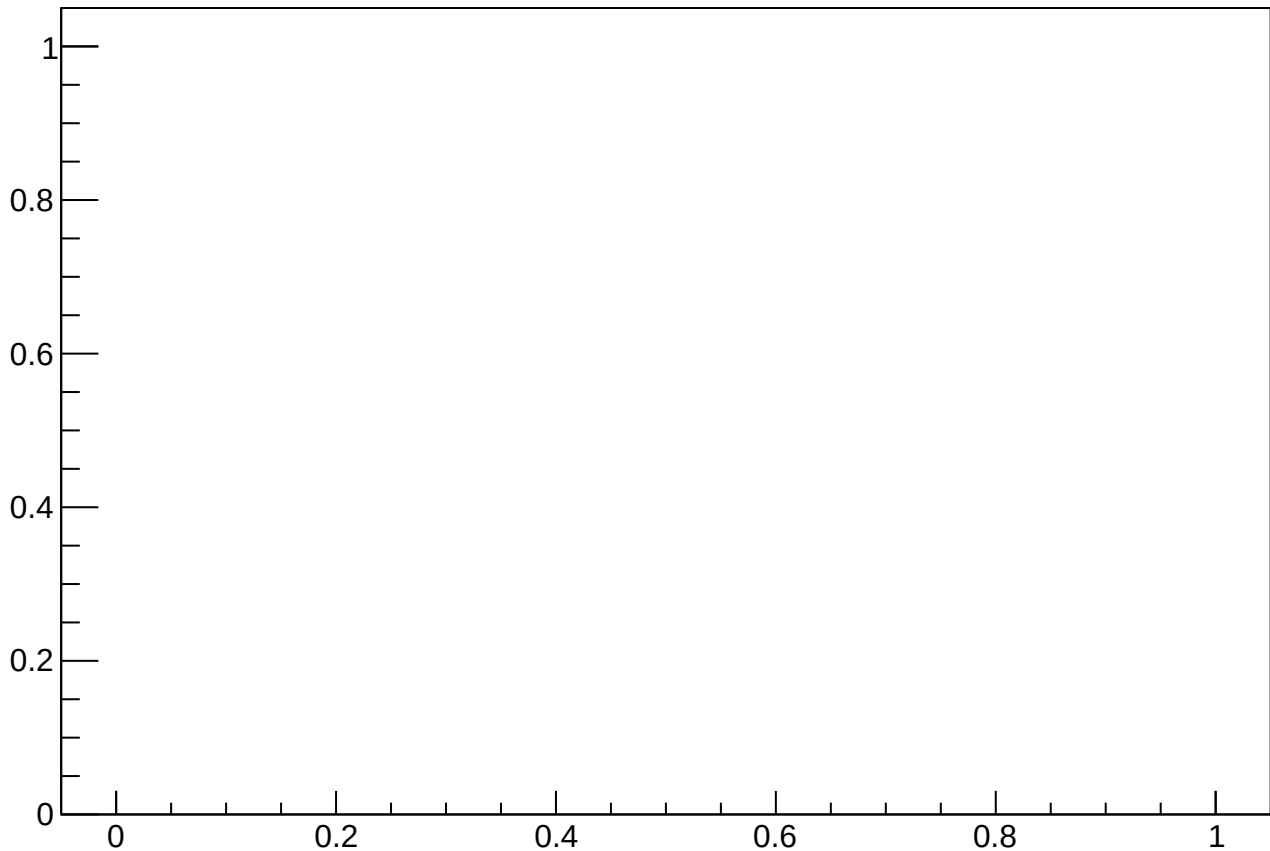
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

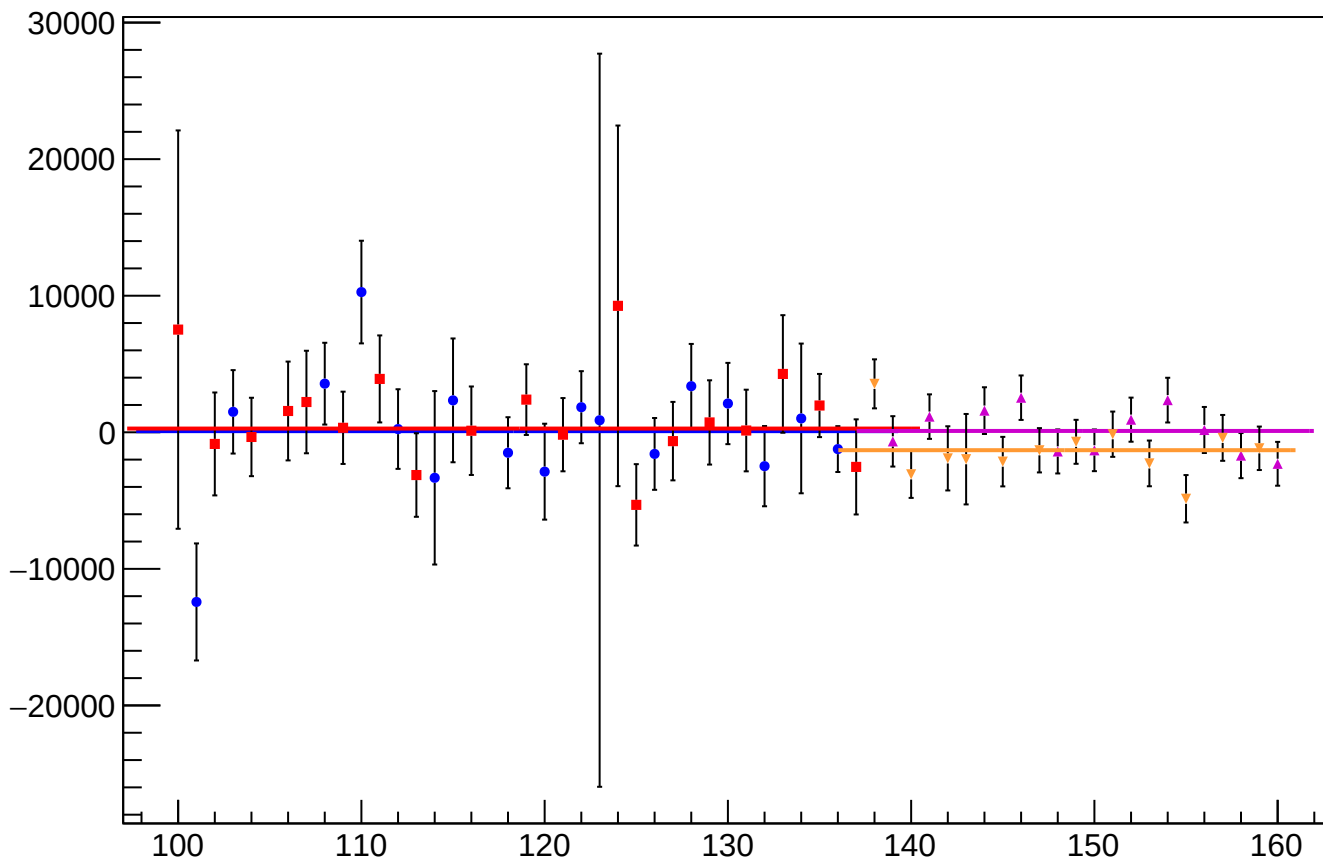
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: -1310.545+/-513.575 χ^2/NDF :14.2/11

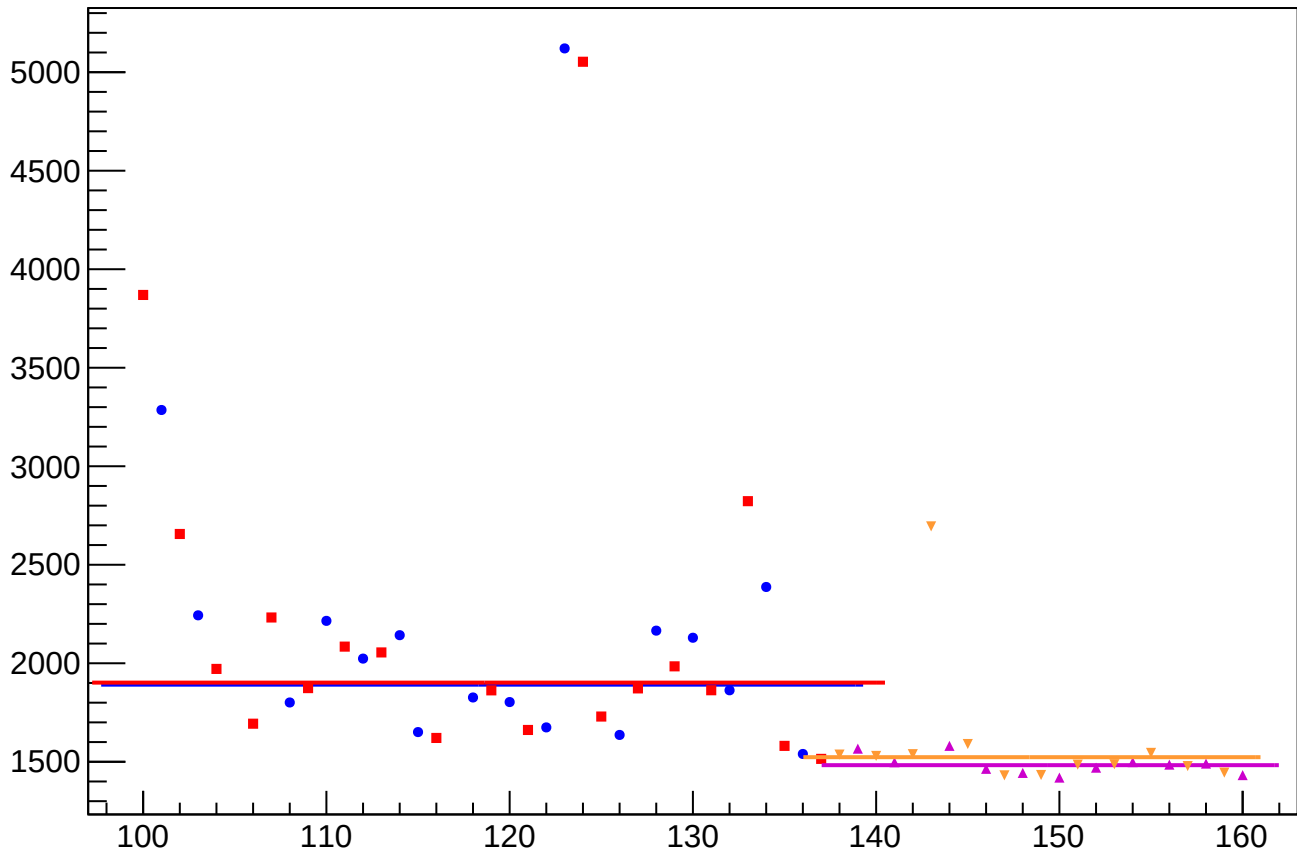
Right Out: 272.707+/-734.115 χ^2/NDF : 10.2/18

Left In: 98.361+/-495.875 χ^2/NDF :10.9/10

-865.866+/-423.846 χ^2/NDF : 39.4/28

152.986+/-410.915 χ^2/NDF : 21.1/29

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492 ± 0.531 $\chi^2/\text{NDF}: 464497.5/16$

Left Out: 1523.347 ± 0.363 $\chi^2/\text{NDF}: 274567.8/11$

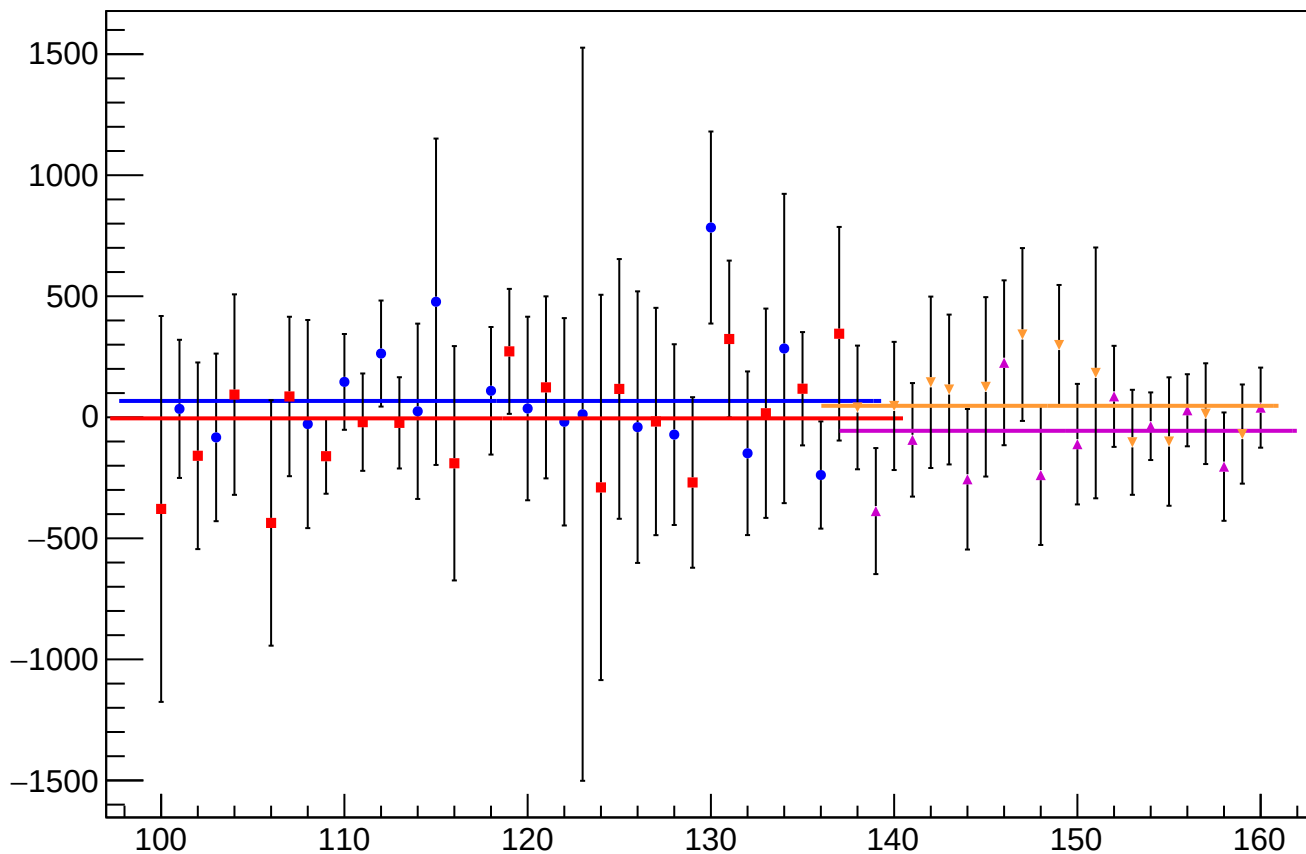
Right Out: 1901.797 ± 0.519 $\chi^2/\text{NDF}: 460687.3/18$

Left In: 1482.804 ± 0.351 $\chi^2/\text{NDF}: 18056.6/10$

1640.751 ± 0.300 $\chi^2/\text{NDF}: 1066800.1/28$

1614.082 ± 0.291 $\chi^2/\text{NDF}: 926132.7/29$

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.542+/-79.608 χ^2/NDF : 7.5/16

Left Out: 47.457+/-77.729 χ^2/NDF : 3.1/11

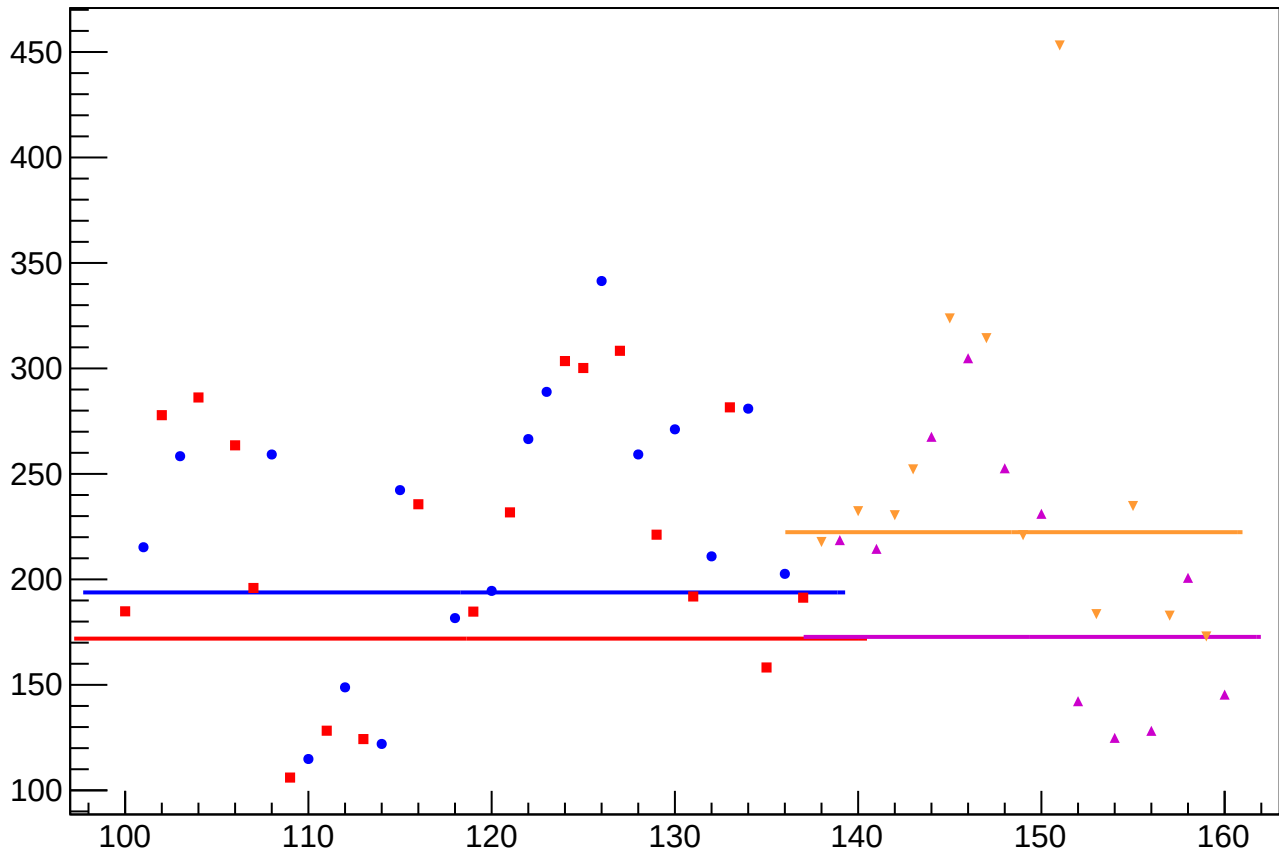
Right Out: -4.423+/-70.009 χ^2/NDF : 6.4/18

Left In: -55.808+/-62.329 χ^2/NDF : 4.8/10

57.260+/-55.615 χ^2/NDF : 10.7/28

-33.088+/-46.553 χ^2/NDF : 11.5/29

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 193.815+/-0.056 χ^2/NDF : 1010325.5/16

Left Out: 222.376+/-0.055 χ^2/NDF : 959506.2/11

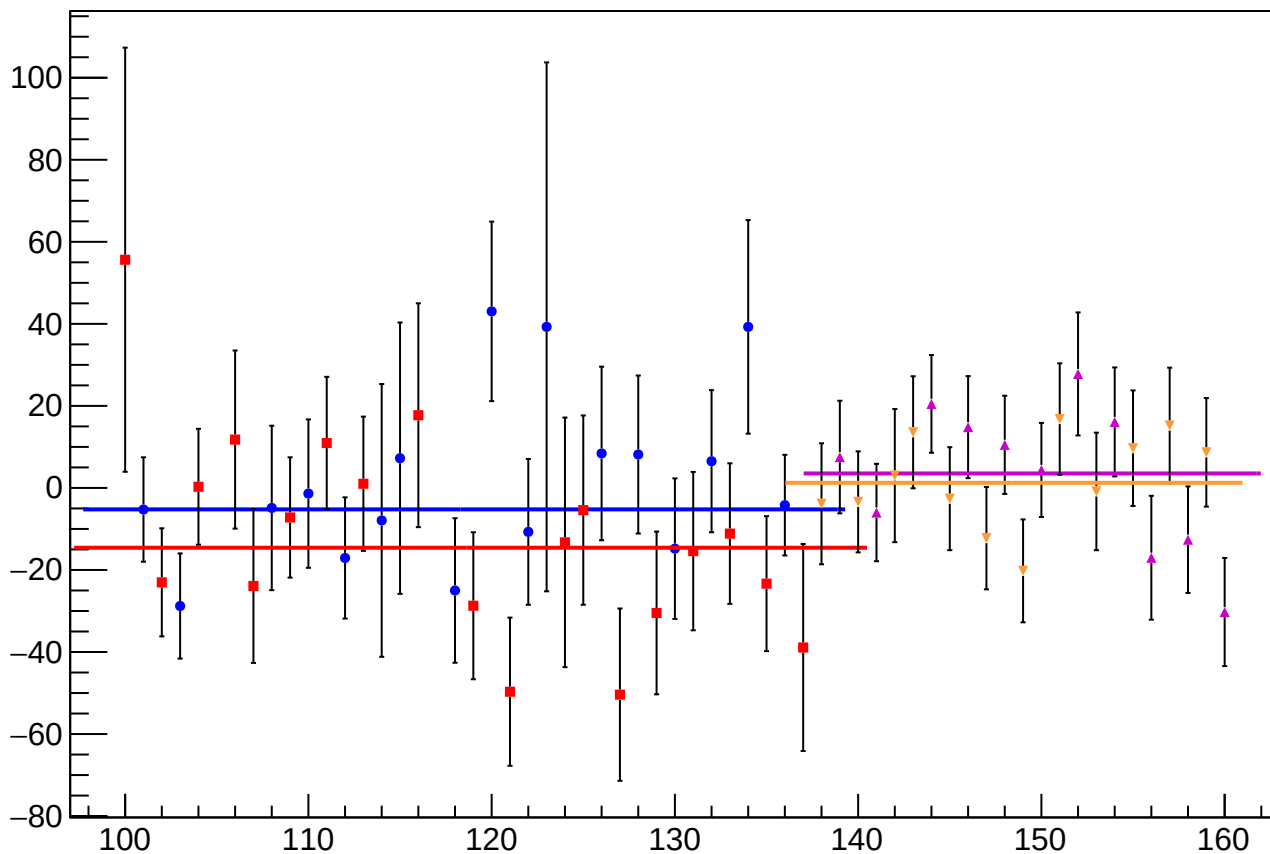
208.437+/-0.039 χ^2/NDF : 2101624.3/28

Right Out: 171.920+/-0.050 χ^2/NDF : 1577076.0/18

172.376+/-0.033 χ^2/NDF : 3022736.6/29

Left In: 172.737+/-0.044 χ^2/NDF : 1445508.7/10

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.231+/-4.356 χ^2/NDF : 15.5/16

Left Out: 1.252+/-3.907 χ^2/NDF : 8.3/11

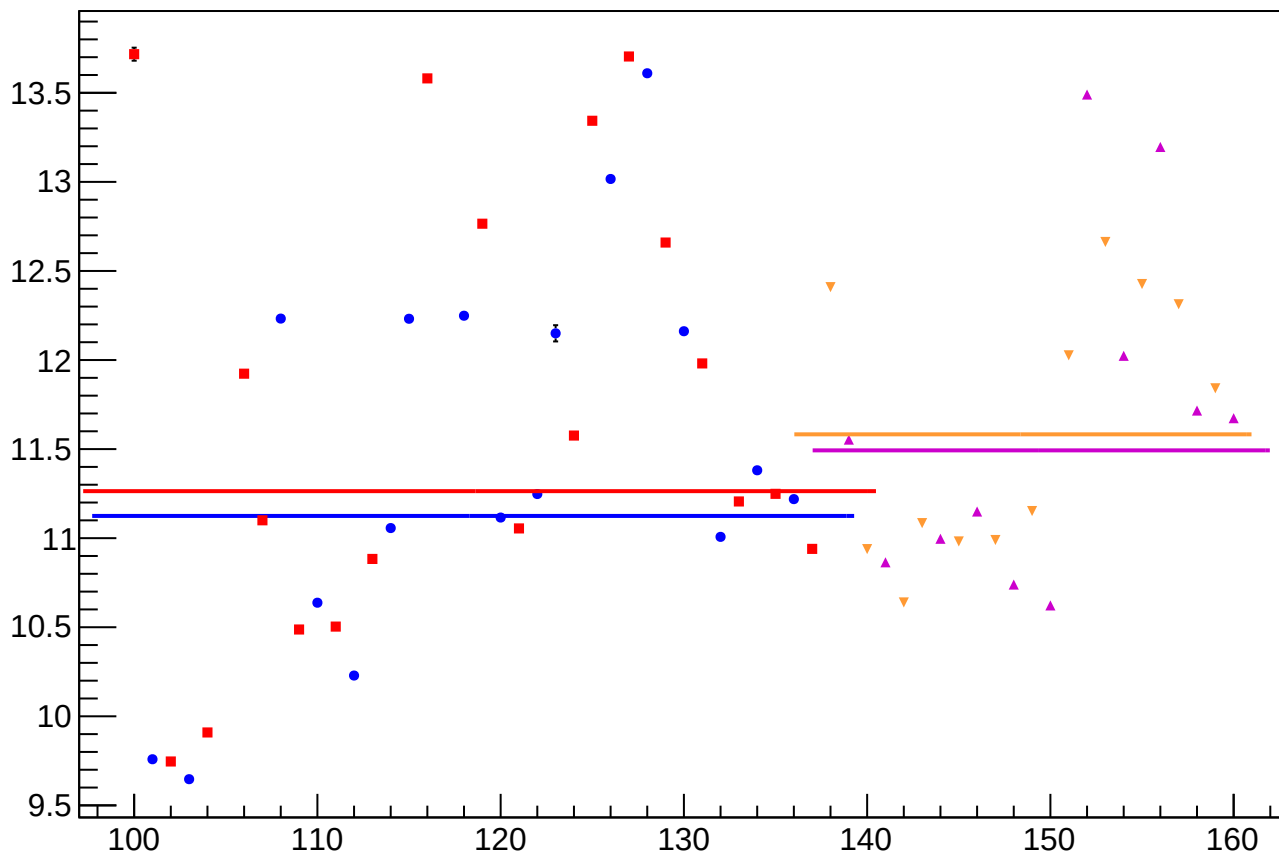
Right Out: -14.579+/-4.265 χ^2/NDF : 19.5/18

Left In: 3.531+/-3.872 χ^2/NDF : 17.4/10

-1.638+/-2.908 χ^2/NDF : 25.0/28

-4.652+/-2.867 χ^2/NDF : 46.8/29

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.125+/-0.003 χ^2 /NDF: 132520.1/16

Left Out: 11.583+/-0.003 χ^2 /NDF:59421.6/11

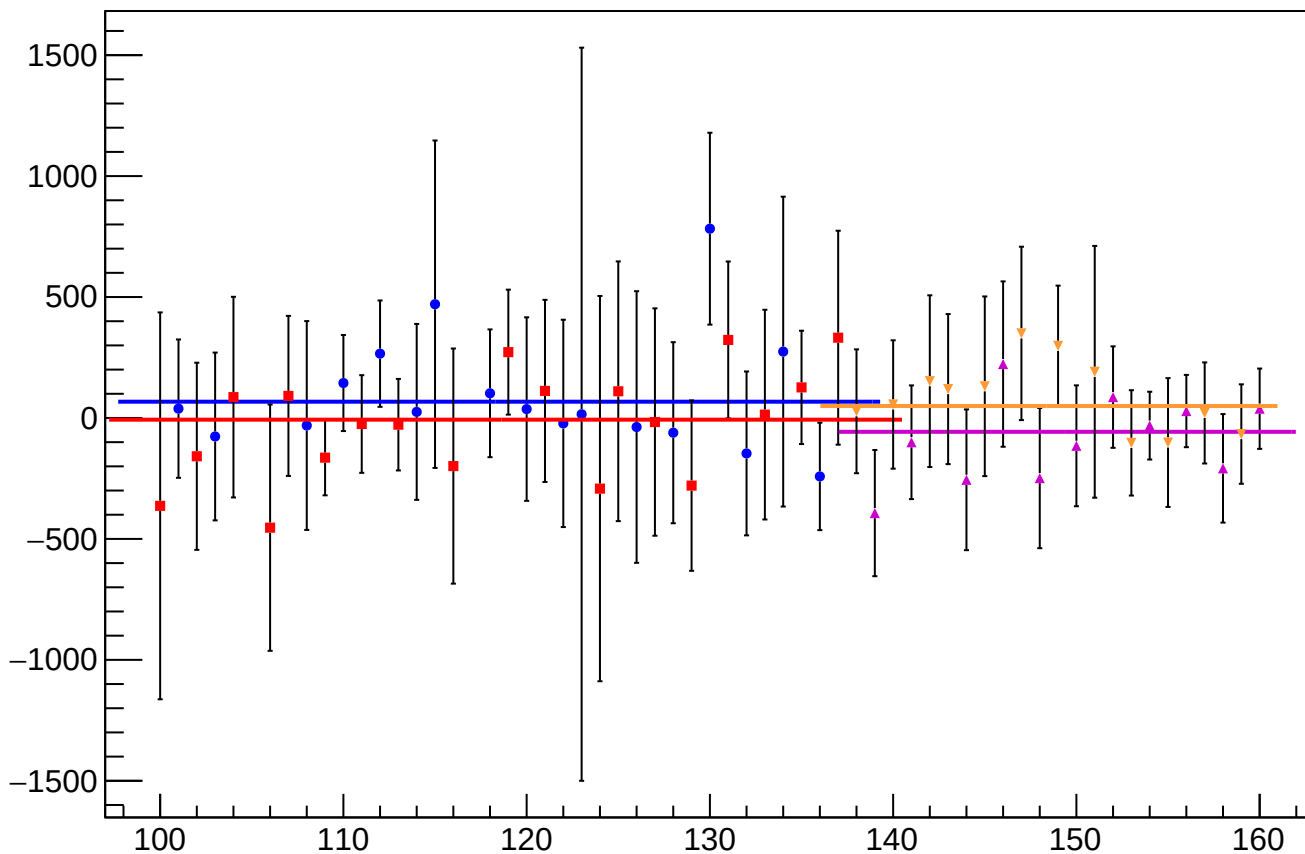
Right Out: 11.264+/-0.003 χ^2 /NDF: 147733.2/18

Left In: 11.493+/-0.003 χ^2 /NDF:95194.4/10

11.379+/-0.002 χ^2 /NDF: 204199.3/28

11.389+/-0.002 χ^2 /NDF: 246085.8/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 49.582+/-77.988 χ^2/NDF : 3.1/11

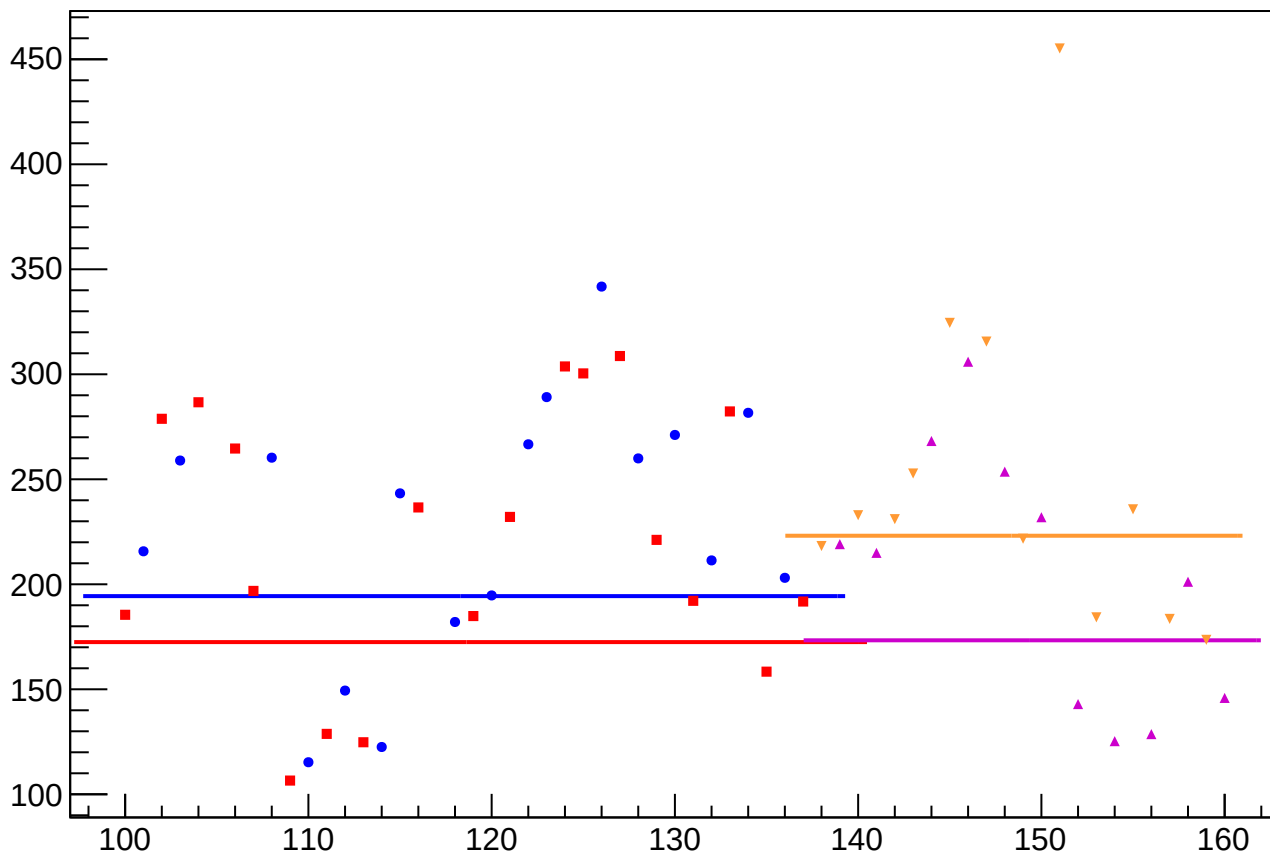
Right Out: -7.039+/-70.212 χ^2/NDF : 6.4/18

Left In: -57.182+/-62.537 χ^2/NDF : 4.9/10

58.238+/-55.781 χ^2/NDF : 10.6/28

-35.000+/-46.699 χ^2/NDF : 11.7/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.365+/-0.056 χ^2/NDF : 1005234.4/16

Left Out: 223.120+/-0.055 χ^2/NDF : 958776.5/11

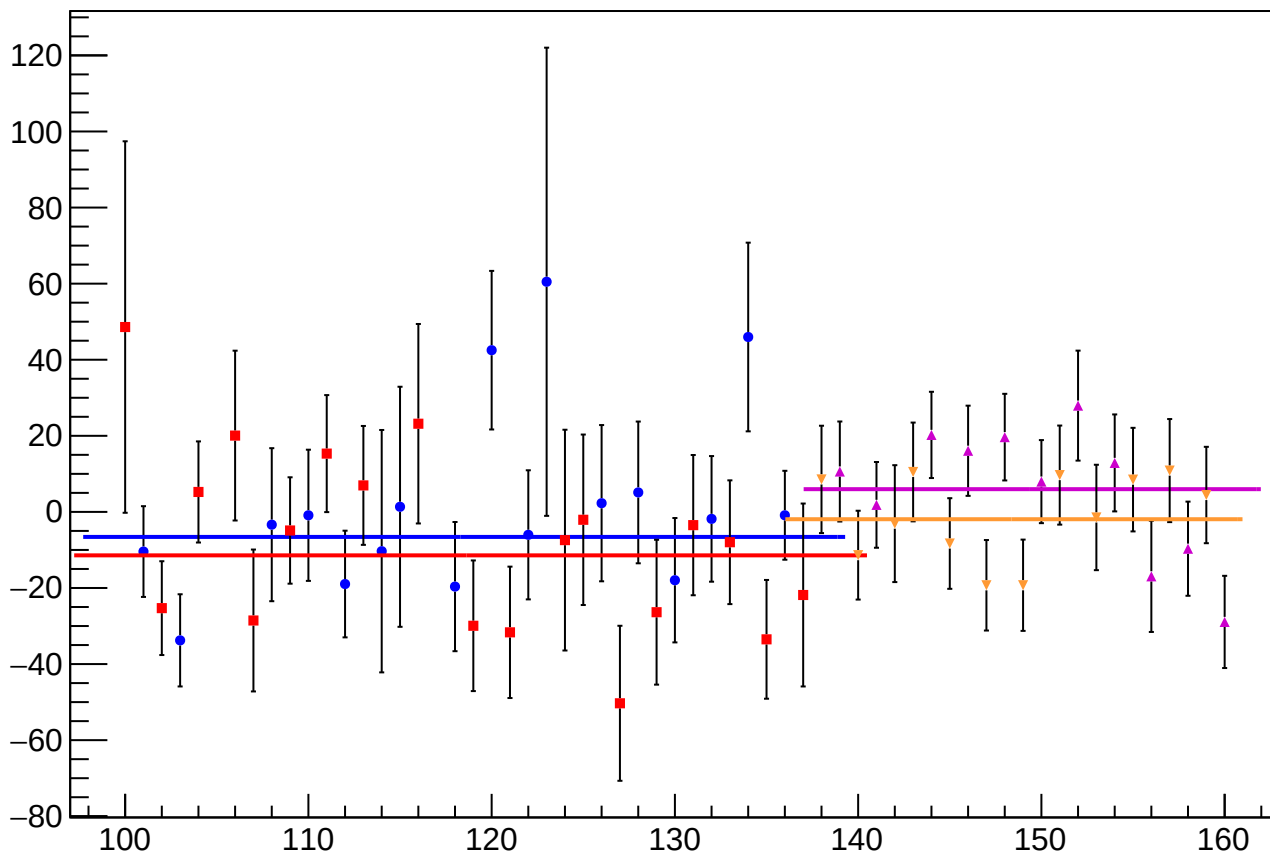
Right Out: 172.471+/-0.050 χ^2/NDF : 1569648.4/18

Left In: 173.322+/-0.044 χ^2/NDF : 1443146.6/10

209.076+/-0.039 χ^2/NDF : 2096803.9/28

172.946+/-0.033 χ^2/NDF : 3012958.7/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.575 ± 4.157 χ^2/NDF : 19.3/16

Left Out: -1.925 ± 3.733 χ^2/NDF : 9.2/11

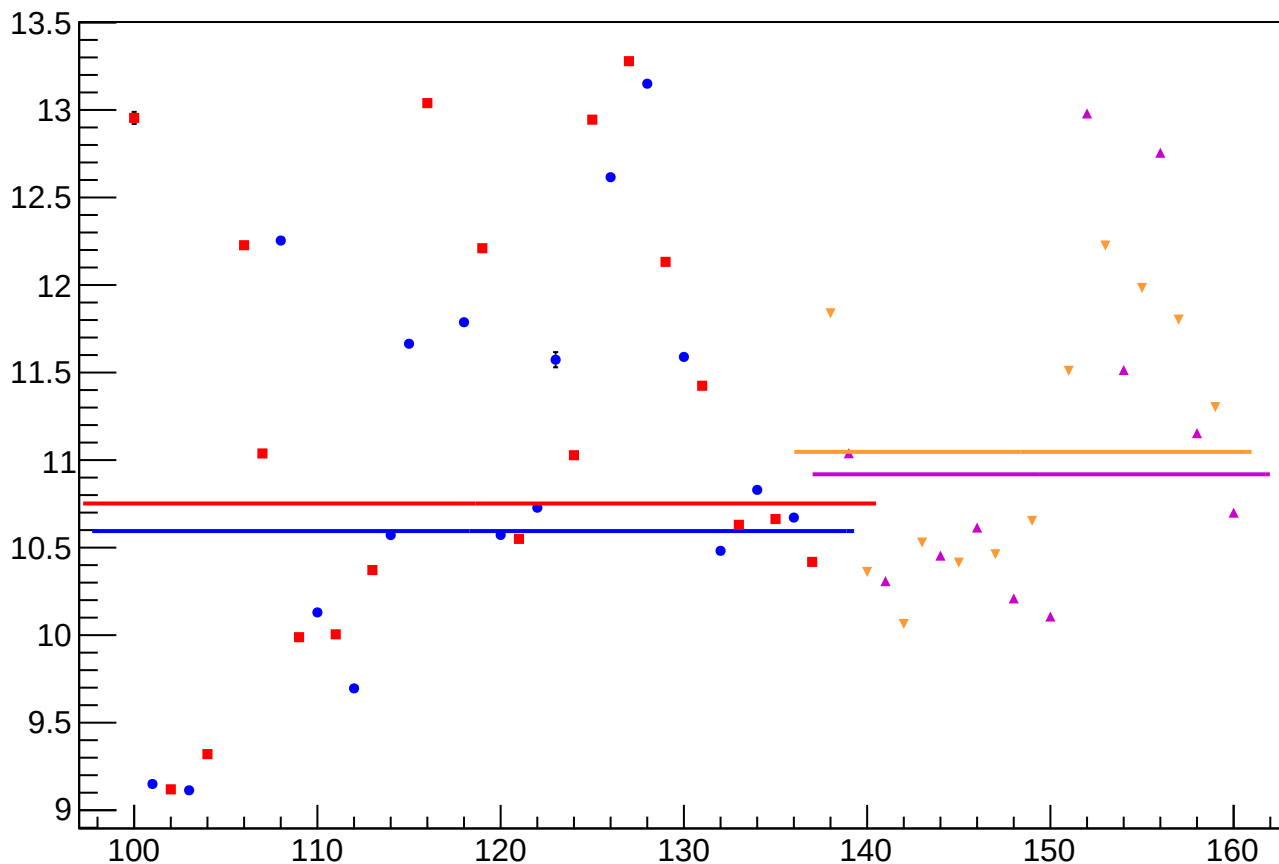
Right Out: -11.423 ± 4.080 χ^2/NDF : 23.0/18

Left In: 5.976 ± 3.686 χ^2/NDF : 19.0/10

-4.001 ± 2.777 χ^2/NDF : 29.2/28

-1.843 ± 2.735 χ^2/NDF : 52.0/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.594 ± 0.003 χ^2/NDF : 160059.2/16

Left Out: 11.047 ± 0.003 χ^2/NDF : 70684.8/11

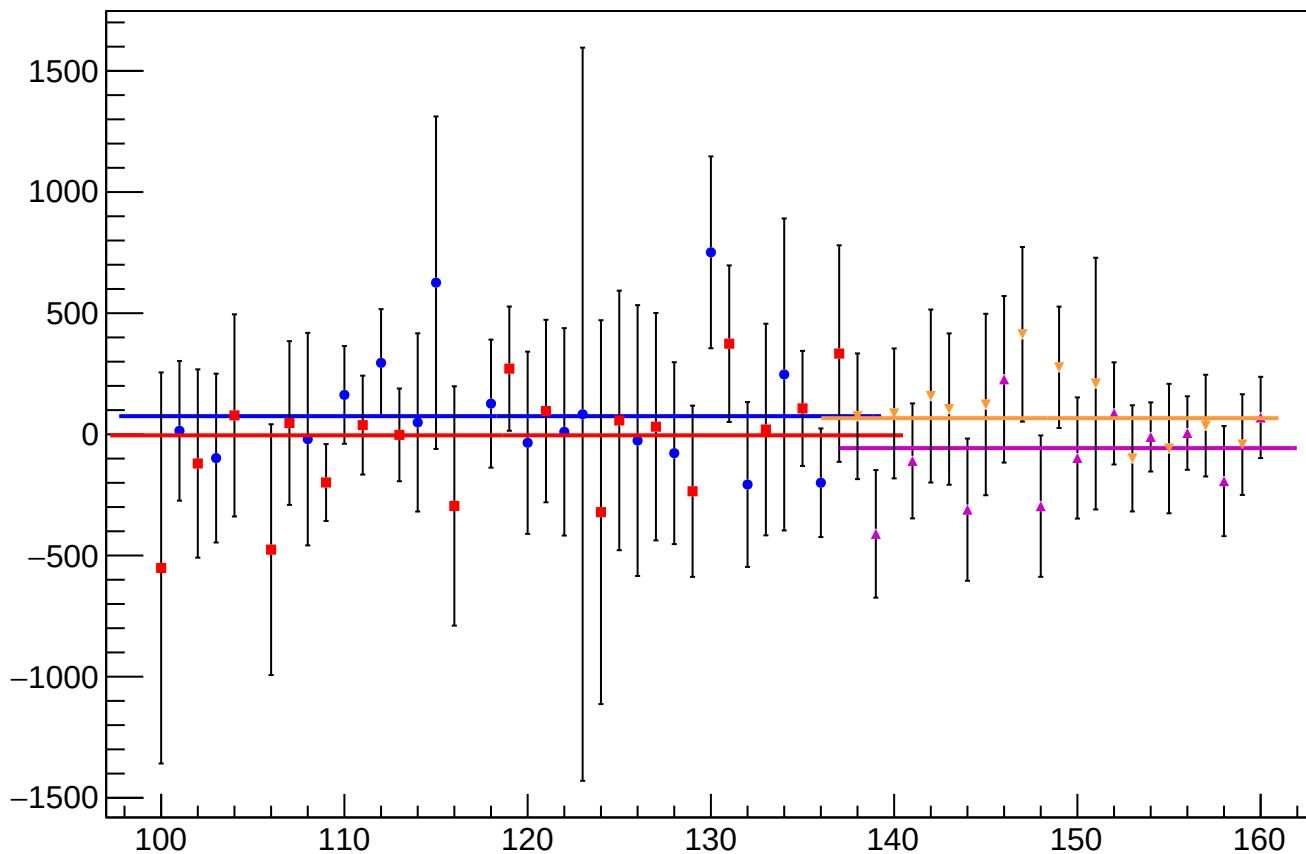
Right Out: 10.752 ± 0.003 χ^2/NDF : 177173.0/18

Left In: 10.919 ± 0.003 χ^2/NDF : 107511.2/10

10.845 ± 0.002 χ^2/NDF : 243860.3/28

10.844 ± 0.002 χ^2/NDF : 286523.4/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 75.086+/-80.352 χ^2/NDF : 7.7/16

Left Out: 66.805+/-78.557 χ^2/NDF : 2.9/11

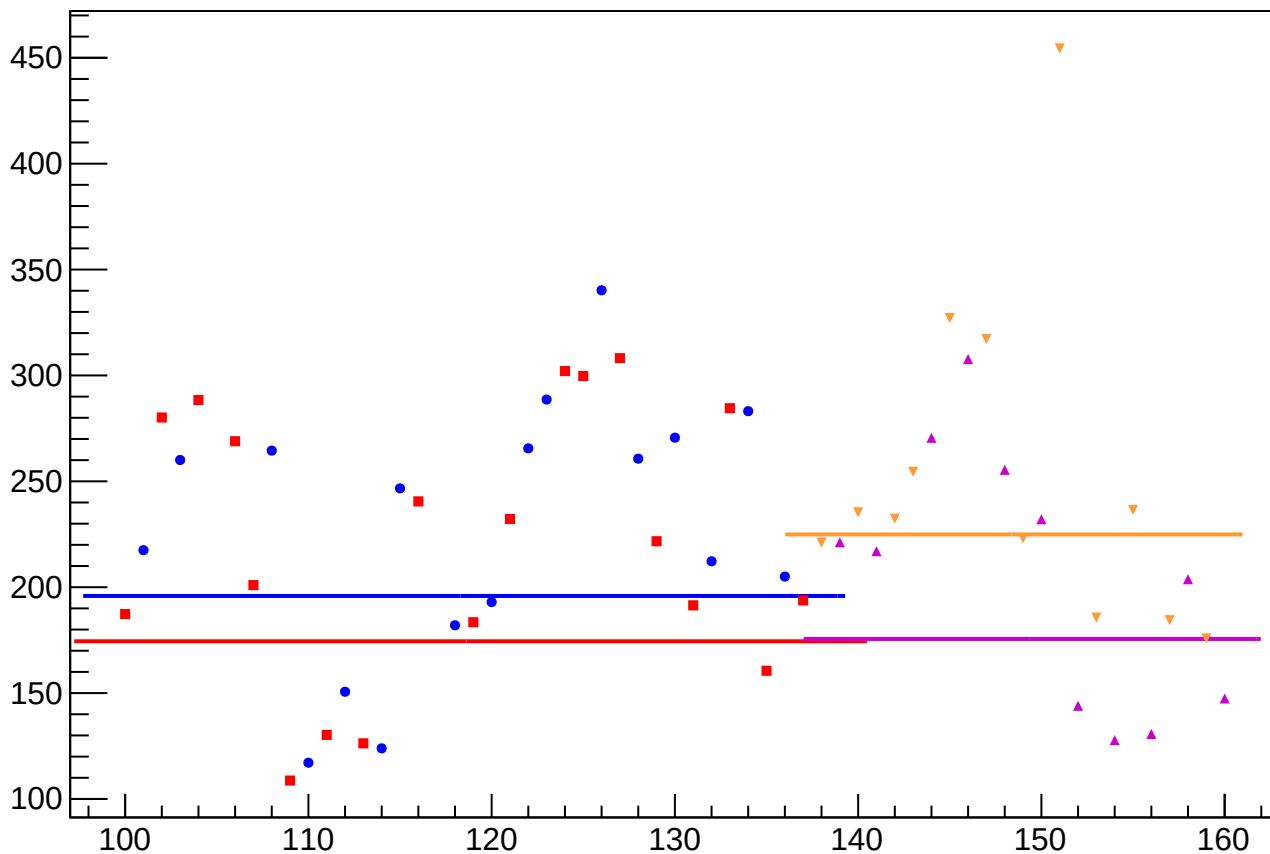
Right Out: -3.999+/-70.883 χ^2/NDF : 7.3/18

Left In: -56.760+/-63.241 χ^2/NDF : 5.7/10

70.852+/-56.172 χ^2/NDF : 10.6/28

-33.376+/-47.189 χ^2/NDF : 13.3/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.869+/-0.057 χ^2/NDF : 979247.4/16

Left Out: 224.913+/-0.056 χ^2/NDF : 947182.7/11

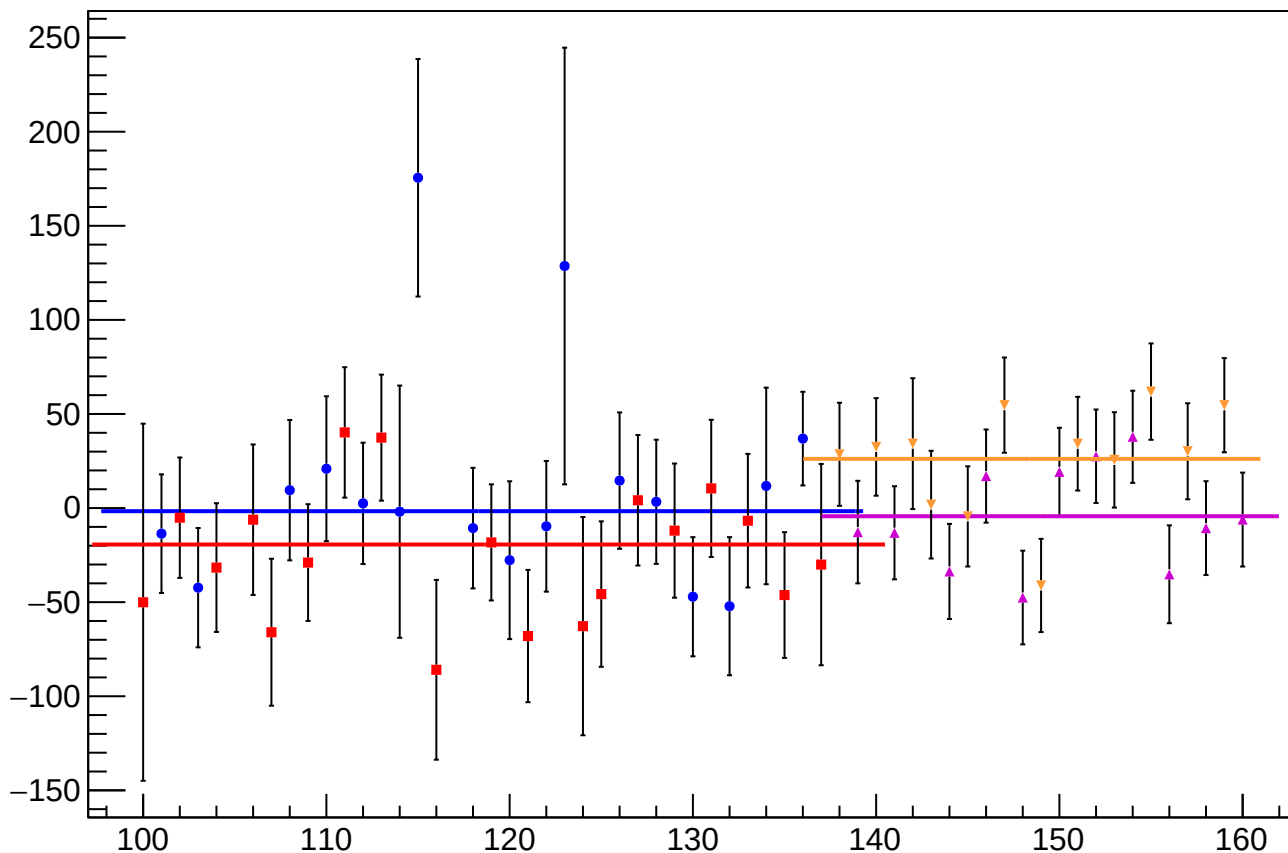
Right Out: 174.465+/-0.050 χ^2/NDF : 1528778.5/18

Left In: 175.562+/-0.045 χ^2/NDF : 1409643.4/10

210.719+/-0.040 χ^2/NDF : 2060034.1/28

175.076+/-0.033 χ^2/NDF : 2938688.6/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -1.654 $\pm$ 8.881 χ^2/NDF : 18.5/16

Left Out: 26.141 $\pm$ 7.603 χ^2/NDF : 14.2/11

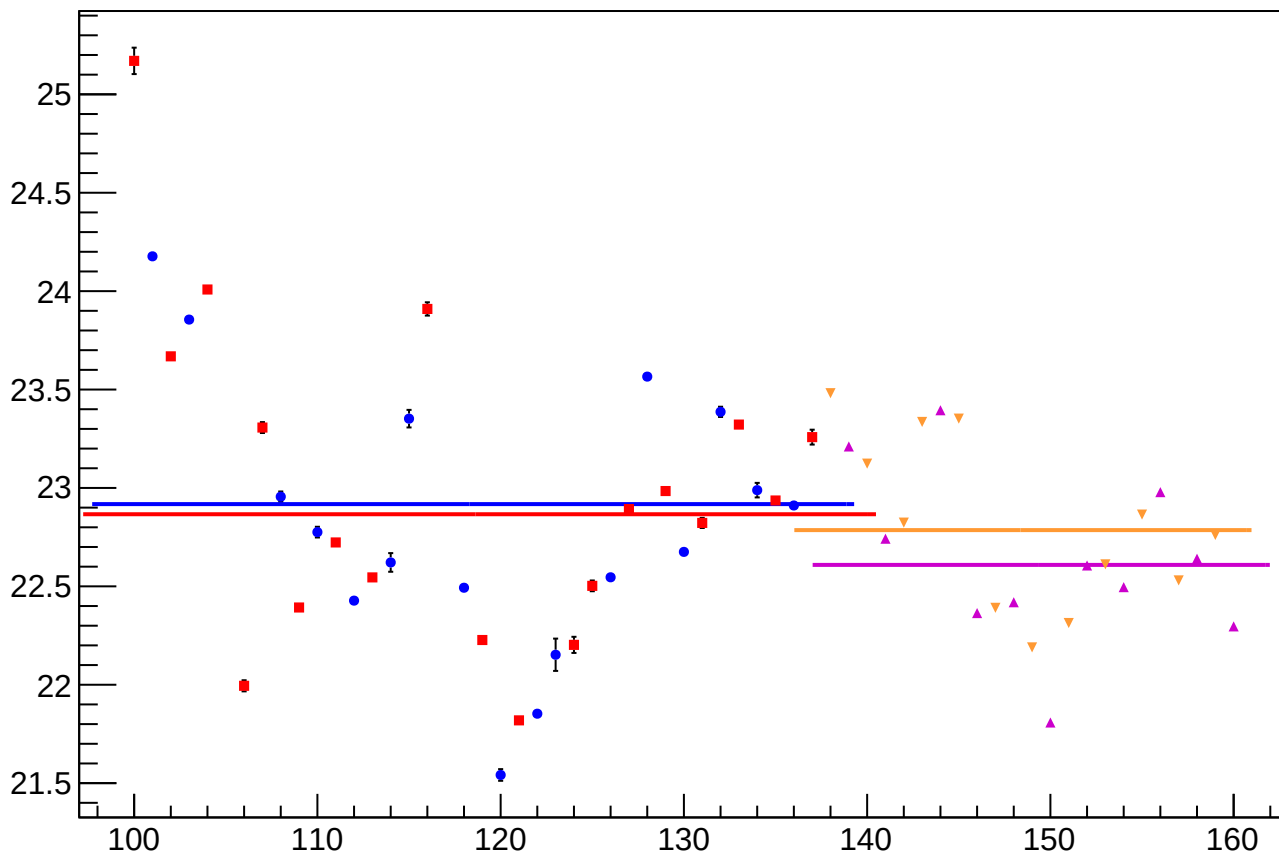
Right Out: -19.357 $\pm$ 8.556 χ^2/NDF : 14.8/18

Left In: -4.352 $\pm$ 7.539 χ^2/NDF : 12.4/10

14.386 $\pm$ 5.776 χ^2/NDF : 38.4/28

-10.910 $\pm$ 5.656 χ^2/NDF : 28.9/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.918 ± 0.006 $\chi^2/\text{NDF}: 11472.2/16$

Left Out: 22.786 ± 0.005 $\chi^2/\text{NDF}: 5955.0/11$

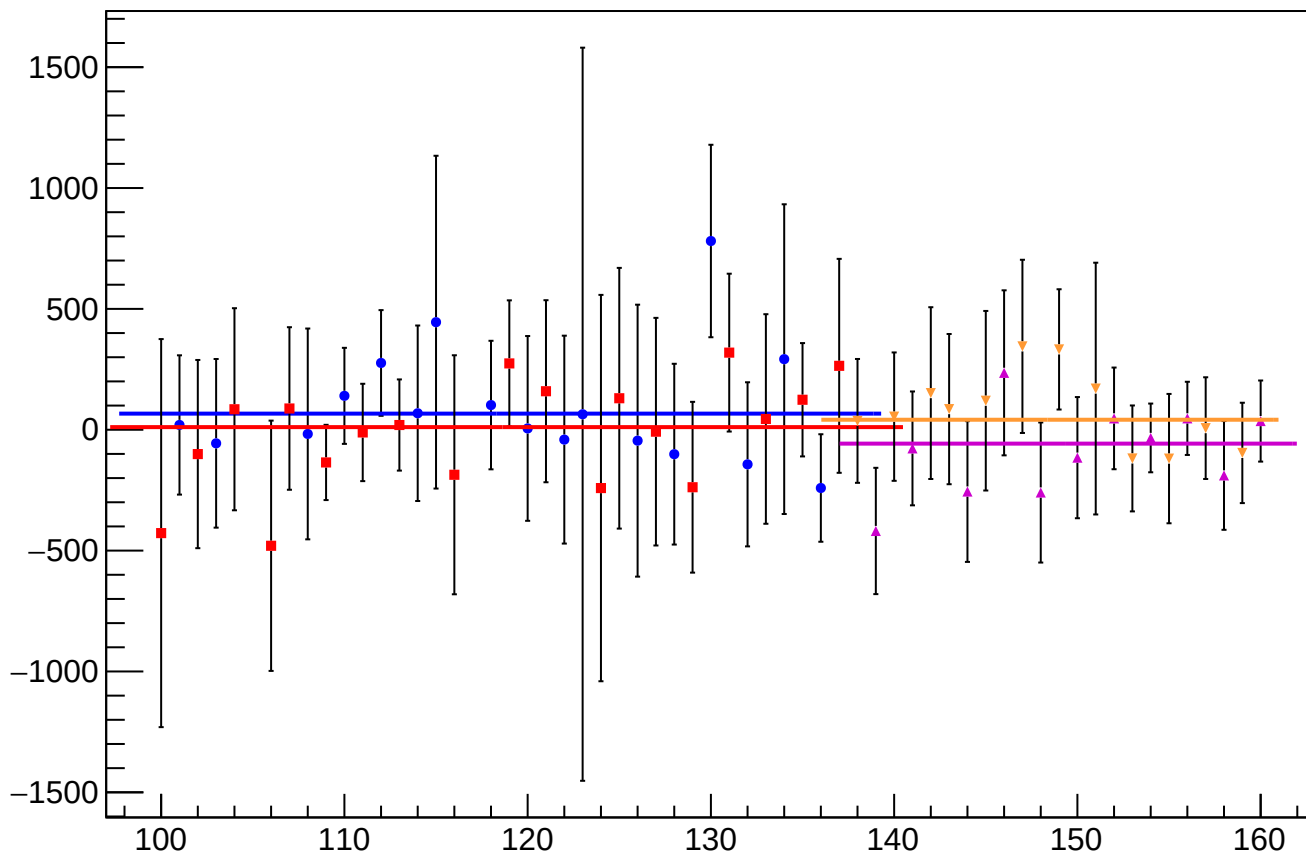
Right Out: 22.866 ± 0.006 $\chi^2/\text{NDF}: 11052.6/18$

Left In: 22.609 ± 0.005 $\chi^2/\text{NDF}: 6377.0/10$

22.842 ± 0.004 $\chi^2/\text{NDF}: 17682.7/28$

22.721 ± 0.004 $\chi^2/\text{NDF}: 18448.9/29$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701+/-79.995 χ^2/NDF : 7.5/16

Left Out: 41.400+/-78.285 χ^2/NDF : 3.7/11

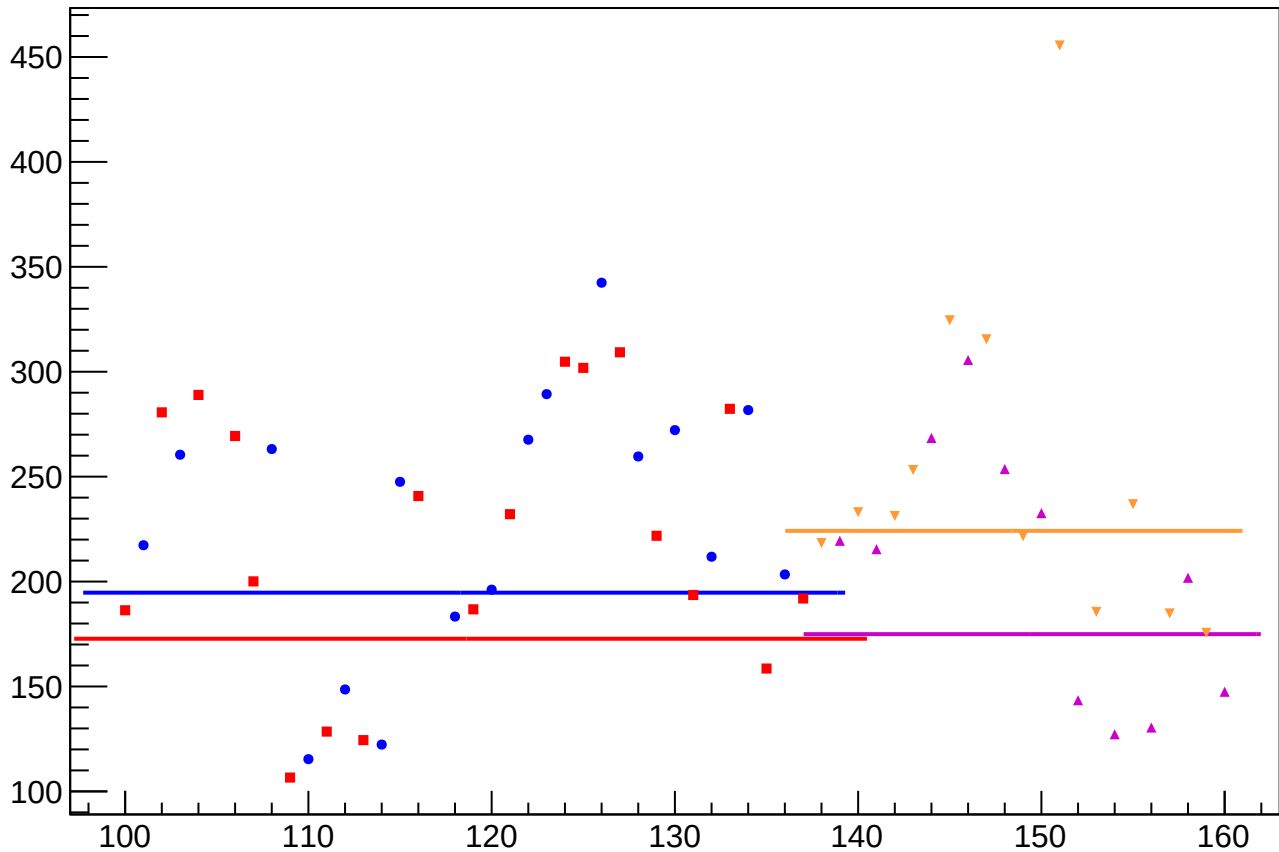
Right Out: 10.870+/-70.386 χ^2/NDF : 5.7/18

Left In: -57.425+/-63.008 χ^2/NDF : 5.1/10

53.777+/-55.951 χ^2/NDF : 11.3/28

-27.044+/-46.946 χ^2/NDF : 11.3/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.703+/-0.057 χ^2/NDF : 1019872.4/16

Left Out: 224.167+/-0.055 χ^2/NDF :938293.1/11

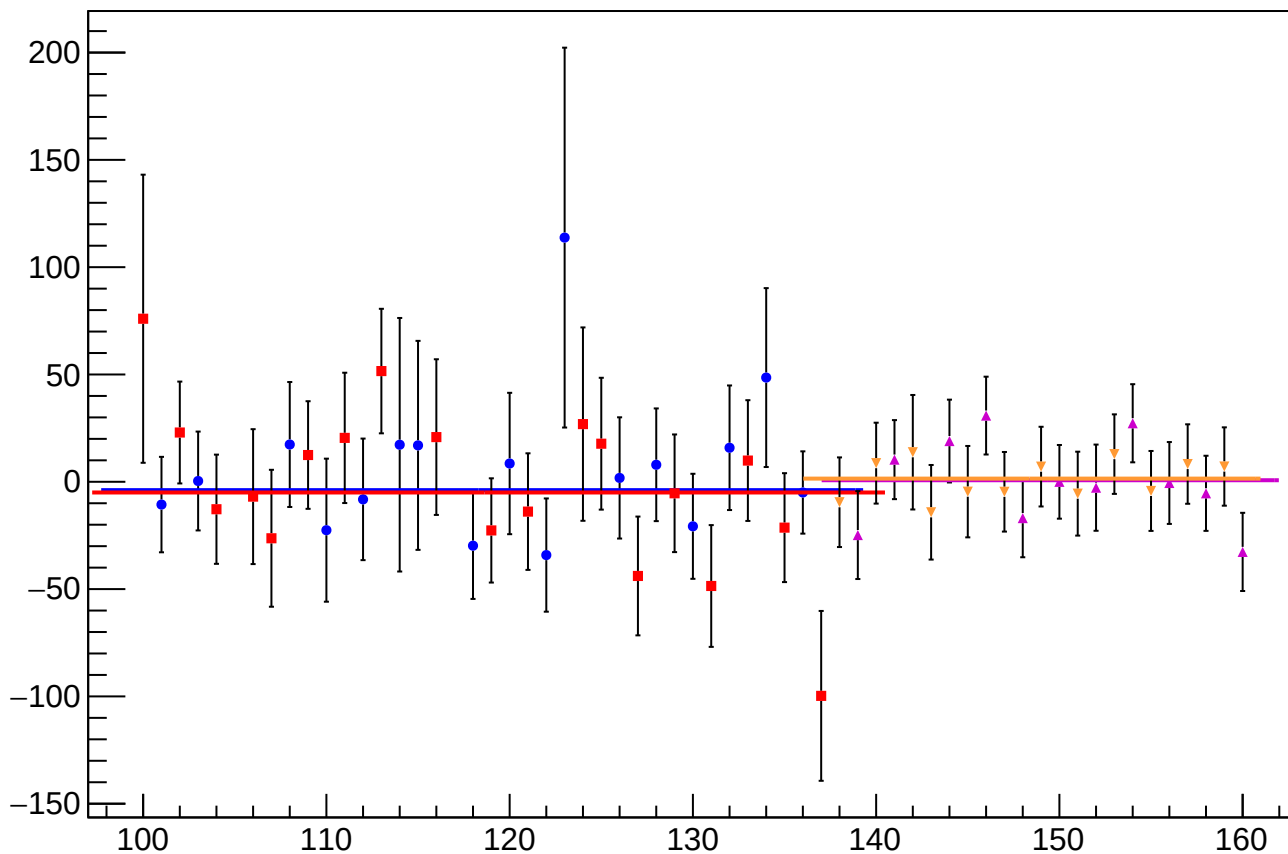
209.753+/-0.040 χ^2/NDF : 2096755.6/28

Right Out: 172.753+/-0.050 χ^2/NDF : 1596944.9/18

173.968+/-0.033 χ^2/NDF : 2992958.4/29

Left In: 174.941+/-0.045 χ^2/NDF :1394940.9/10

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.894 ± 6.915 χ^2/NDF : 8.4/16

Left Out: 1.482 ± 5.687 χ^2/NDF : 2.3/11

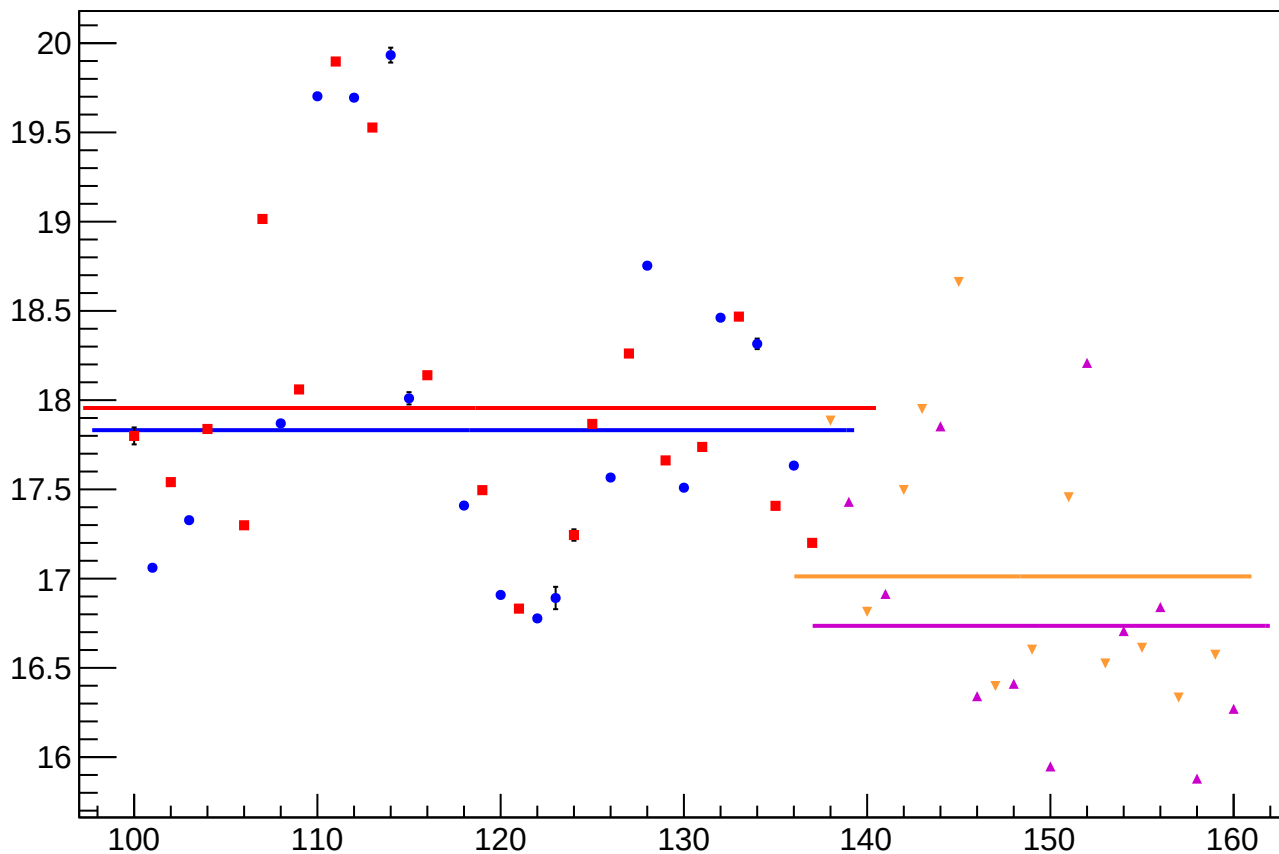
Right Out: -4.985 ± 6.727 χ^2/NDF : 21.3/18

Left In: 0.725 ± 5.592 χ^2/NDF : 12.1/10

-0.687 ± 4.393 χ^2/NDF : 11.0/28

-1.608 ± 4.300 χ^2/NDF : 33.8/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.832 ± 0.005 χ^2/NDF : 30863.4/16

Left Out: 17.013 ± 0.004 χ^2/NDF : 30354.6/11

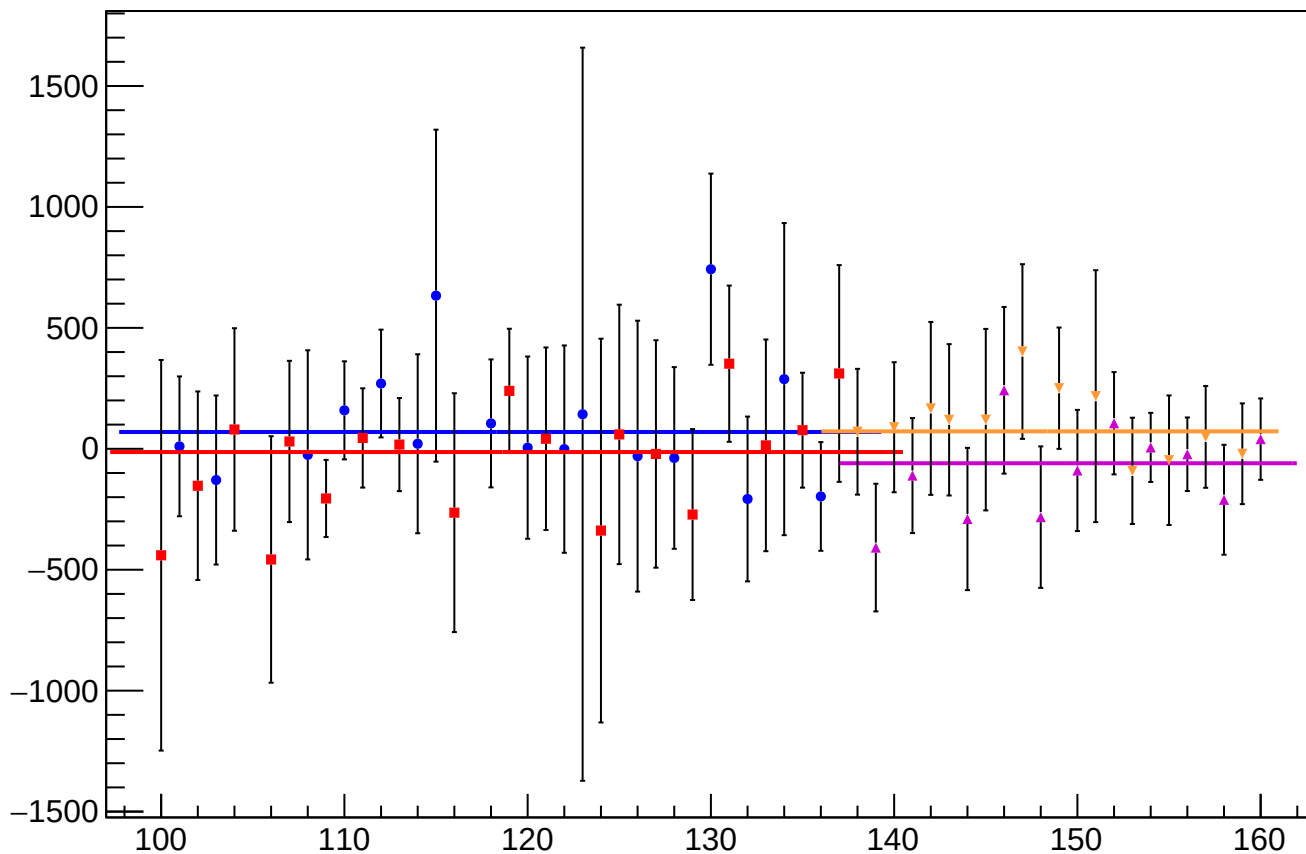
Right Out: 17.956 ± 0.005 χ^2/NDF : 25448.9/18

Left In: 16.735 ± 0.004 χ^2/NDF : 31904.2/10

17.343 ± 0.003 χ^2/NDF : 77962.3/28

17.234 ± 0.003 χ^2/NDF : 96288.4/29

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 69.511+/-80.550 χ^2/NDF : 7.4/16

Left Out: 72.070+/-78.740 χ^2/NDF : 2.5/11

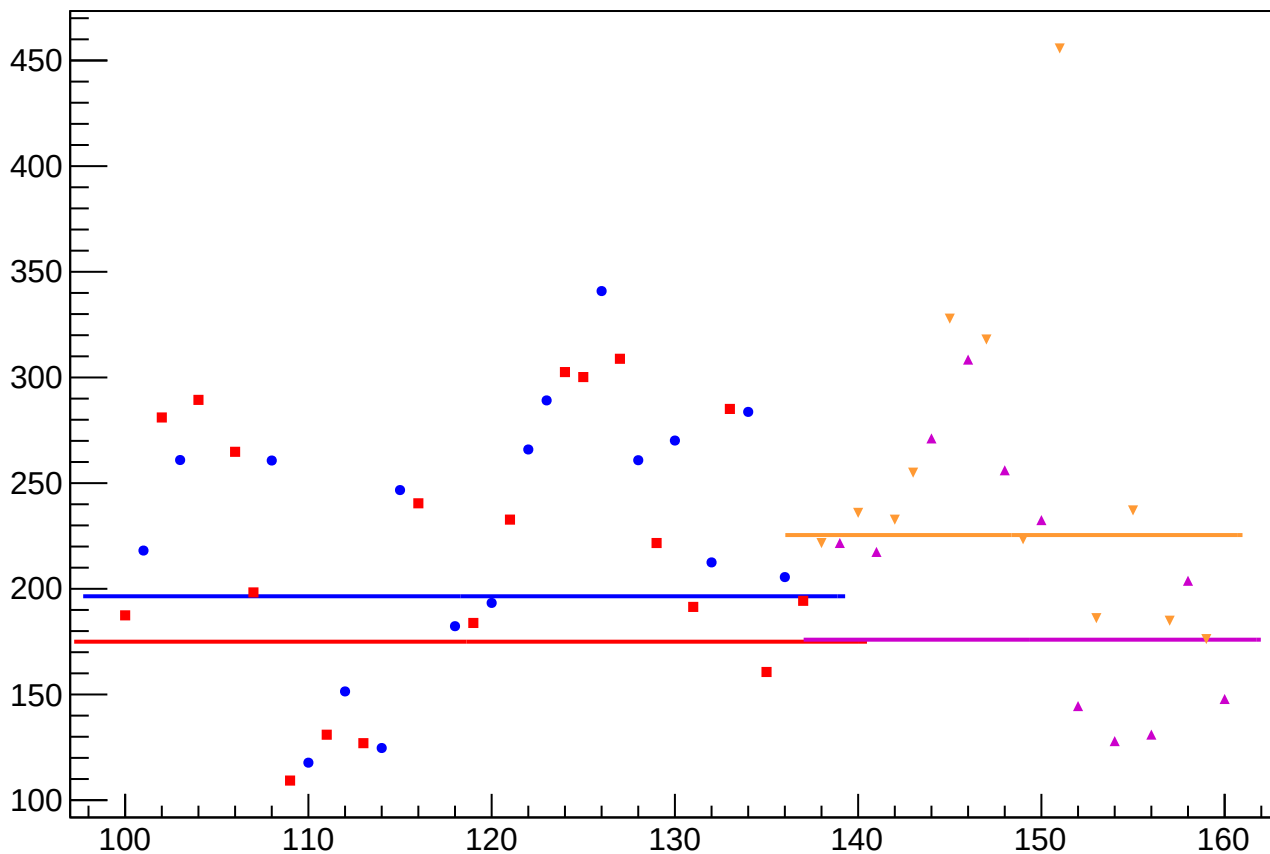
Right Out: -13.410+/-71.041 χ^2/NDF : 6.7/18

Left In: -59.703+/-63.373 χ^2/NDF : 5.4/10

70.819+/-56.307 χ^2/NDF : 9.9/28

-39.189+/-47.291 χ^2/NDF : 12.4/29

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.470 $\pm$ 0.057 χ^2 /NDF: 964281.5/16

Left Out: 225.437 $\pm$ 0.056 χ^2 /NDF:947121.1/11

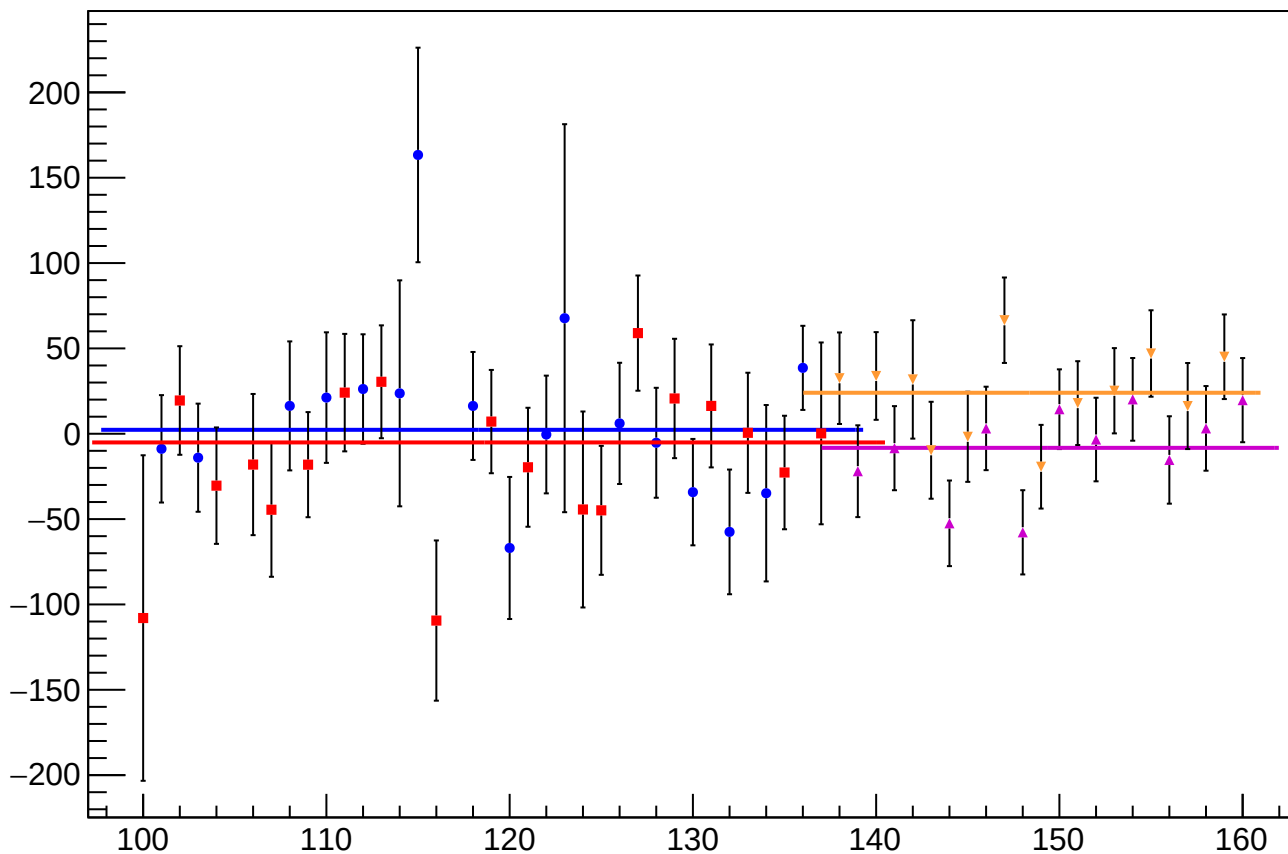
Right Out: 174.981 $\pm$ 0.050 χ^2 /NDF: 1511102.3/18

Left In: 175.929 $\pm$ 0.045 χ^2 /NDF:1409115.6/10

211.283 $\pm$ 0.040 χ^2 /NDF: 2043659.0/28

175.509 $\pm$ 0.033 χ^2 /NDF: 2920416.3/29

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 2.307 ± 8.805 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 24.018 ± 7.518 $\chi^2/\text{NDF}: 10.4/11$

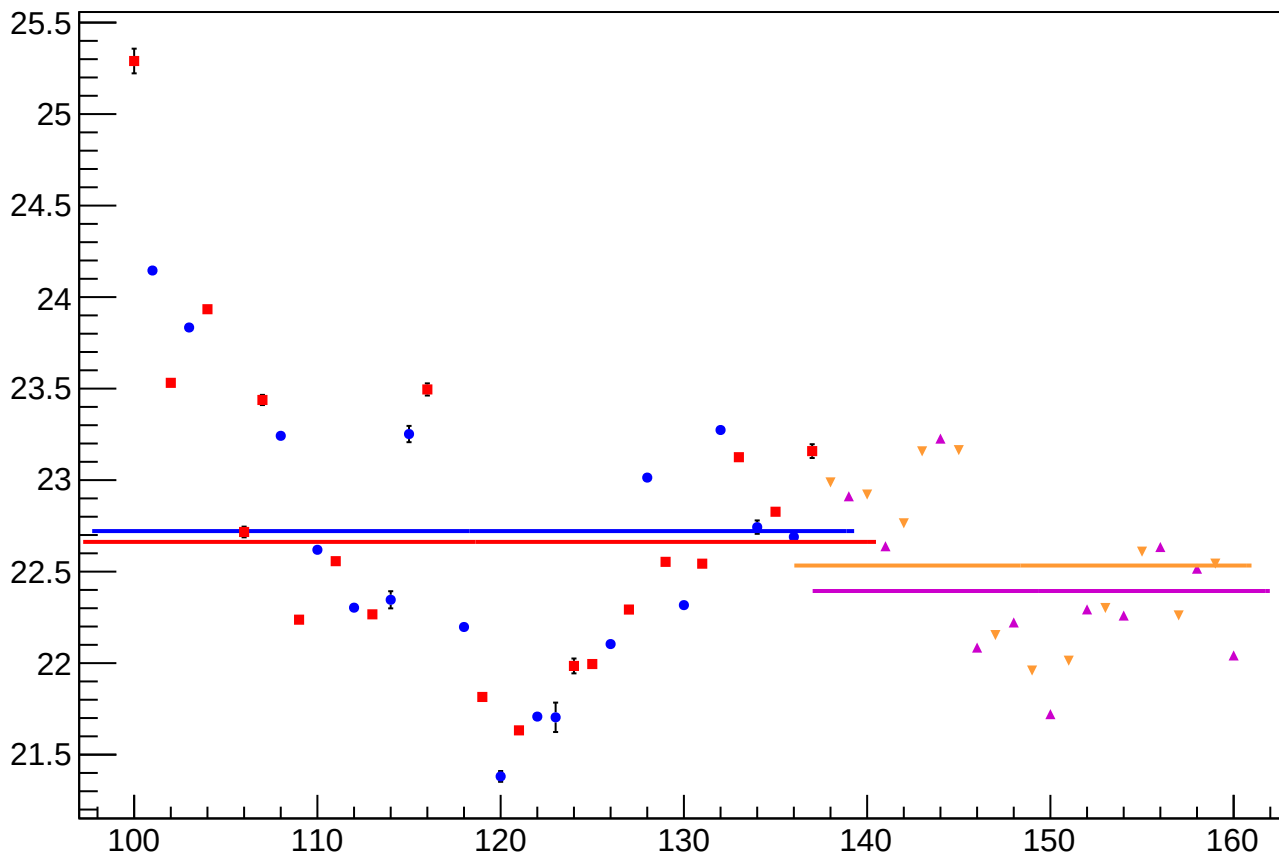
Right Out: -5.089 ± 8.479 $\chi^2/\text{NDF}: 17.1/18$

Left In: -8.260 ± 7.467 $\chi^2/\text{NDF}: 11.5/10$

14.864 ± 5.717 $\chi^2/\text{NDF}: 32.0/28$

-6.875 ± 5.604 $\chi^2/\text{NDF}: 28.8/29$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.722 ± 0.006 χ^2/NDF : 13580.6/16

Left Out: 22.533 ± 0.005 χ^2/NDF : 6101.7/11

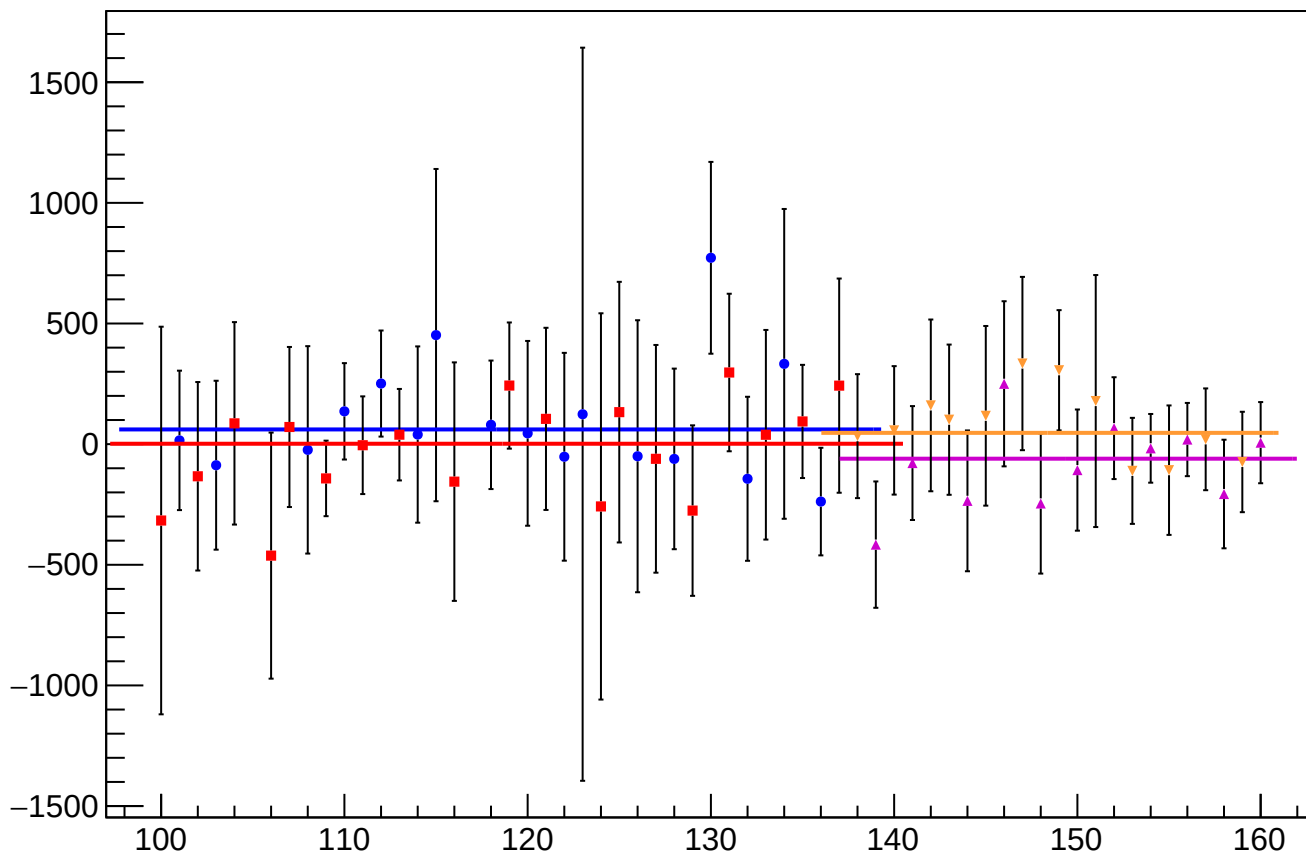
Right Out: 22.662 ± 0.006 χ^2/NDF : 12955.6/18

Left In: 22.394 ± 0.005 χ^2/NDF : 5946.5/10

22.613 ± 0.004 χ^2/NDF : 20210.8/28

22.511 ± 0.004 χ^2/NDF : 20030.0/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960+/-80.197 χ^2/NDF : 7.2/16

Left Out: 46.774+/-78.468 χ^2/NDF : 3.2/11

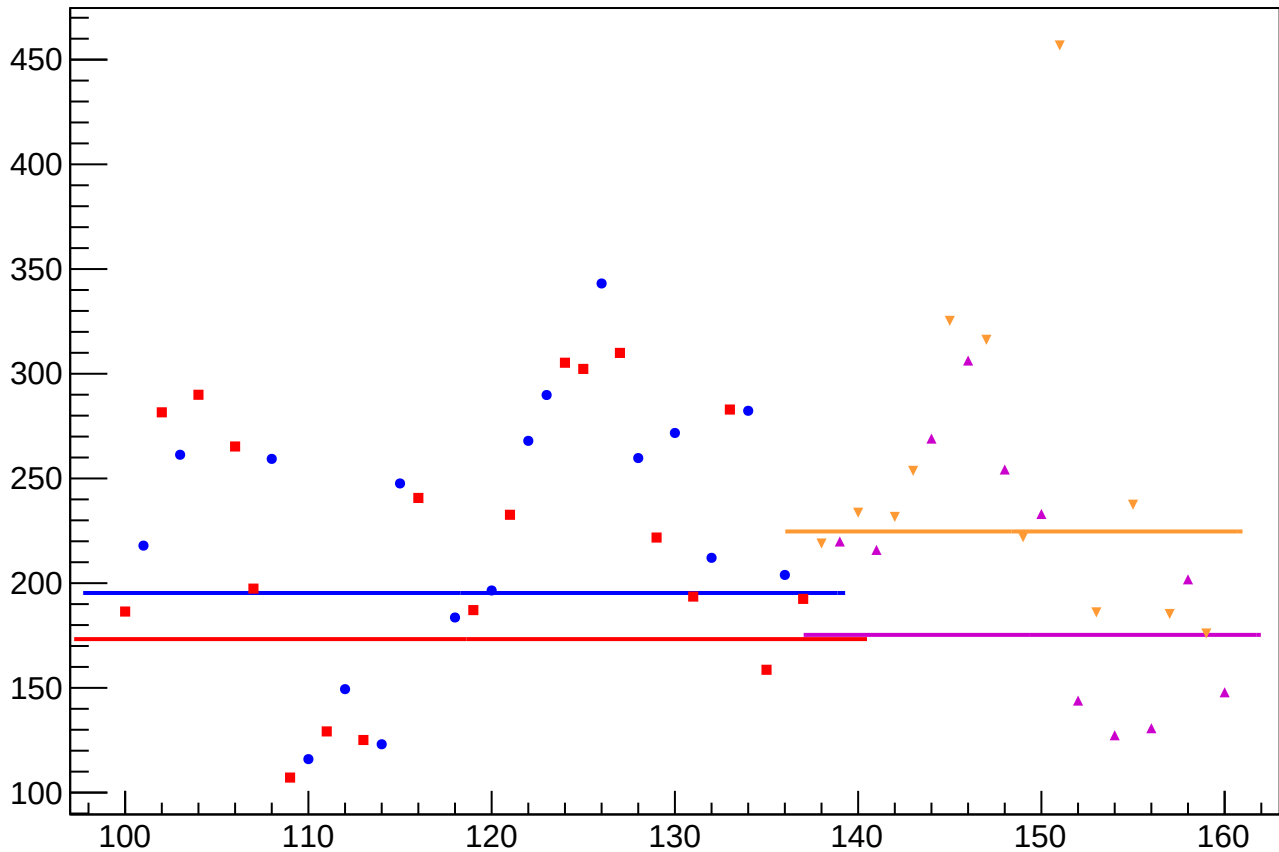
Right Out: 1.647+/-70.549 χ^2/NDF : 5.2/18

Left In: -60.313+/-63.140 χ^2/NDF : 4.8/10

53.712+/-56.087 χ^2/NDF : 10.4/28

-32.756+/-47.049 χ^2/NDF : 10.4/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316+/-0.057 χ^2/NDF : 1004211.5/16

Left Out: 224.690+/-0.055 χ^2/NDF : 938269.9/11

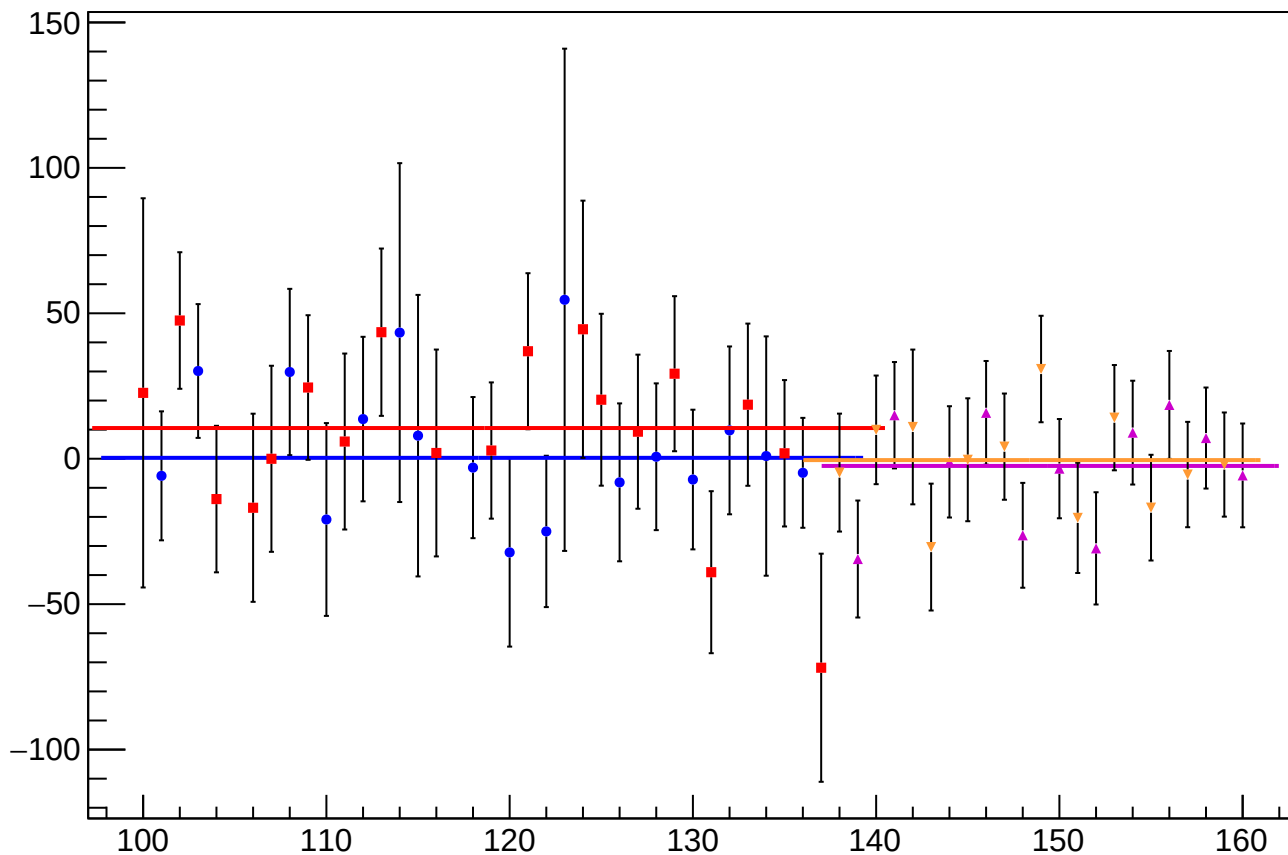
Right Out: 173.285+/-0.050 χ^2/NDF : 1578382.8/18

Left In: 175.307+/-0.045 χ^2/NDF : 1394524.3/10

210.323+/-0.040 χ^2/NDF : 2079563.2/28

174.408+/-0.033 χ^2/NDF : 2973819.3/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.305 ± 6.812 χ^2/NDF : 6.8/16

Left Out: -0.473 ± 5.584 χ^2/NDF : 8.1/11

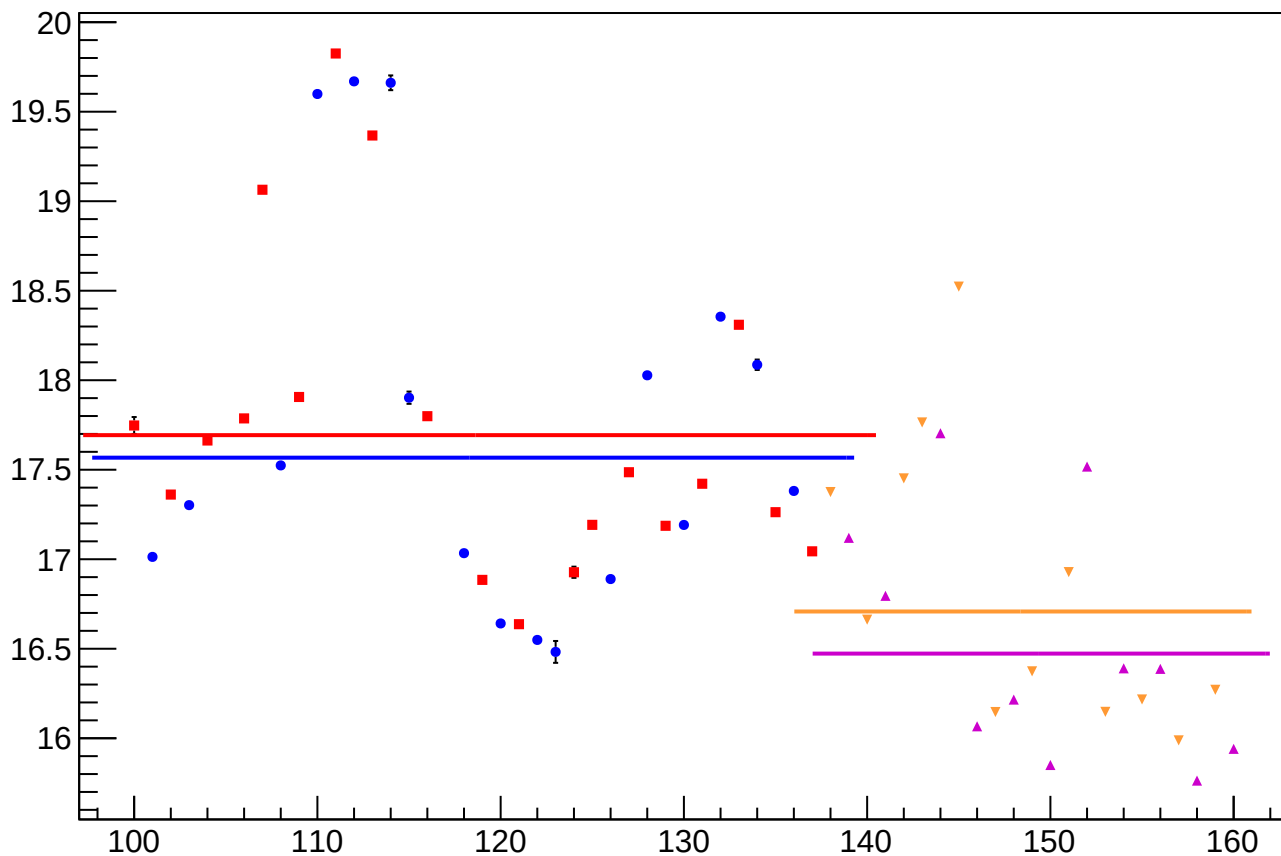
Right Out: 10.553 ± 6.628 χ^2/NDF : 16.0/18

Left In: -2.478 ± 5.501 χ^2/NDF : 10.4/10

-0.160 ± 4.319 χ^2/NDF : 14.8/28

2.837 ± 4.233 χ^2/NDF : 28.8/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 16.708 $\pm$ 0.004 χ^2 /NDF:33743.6/11

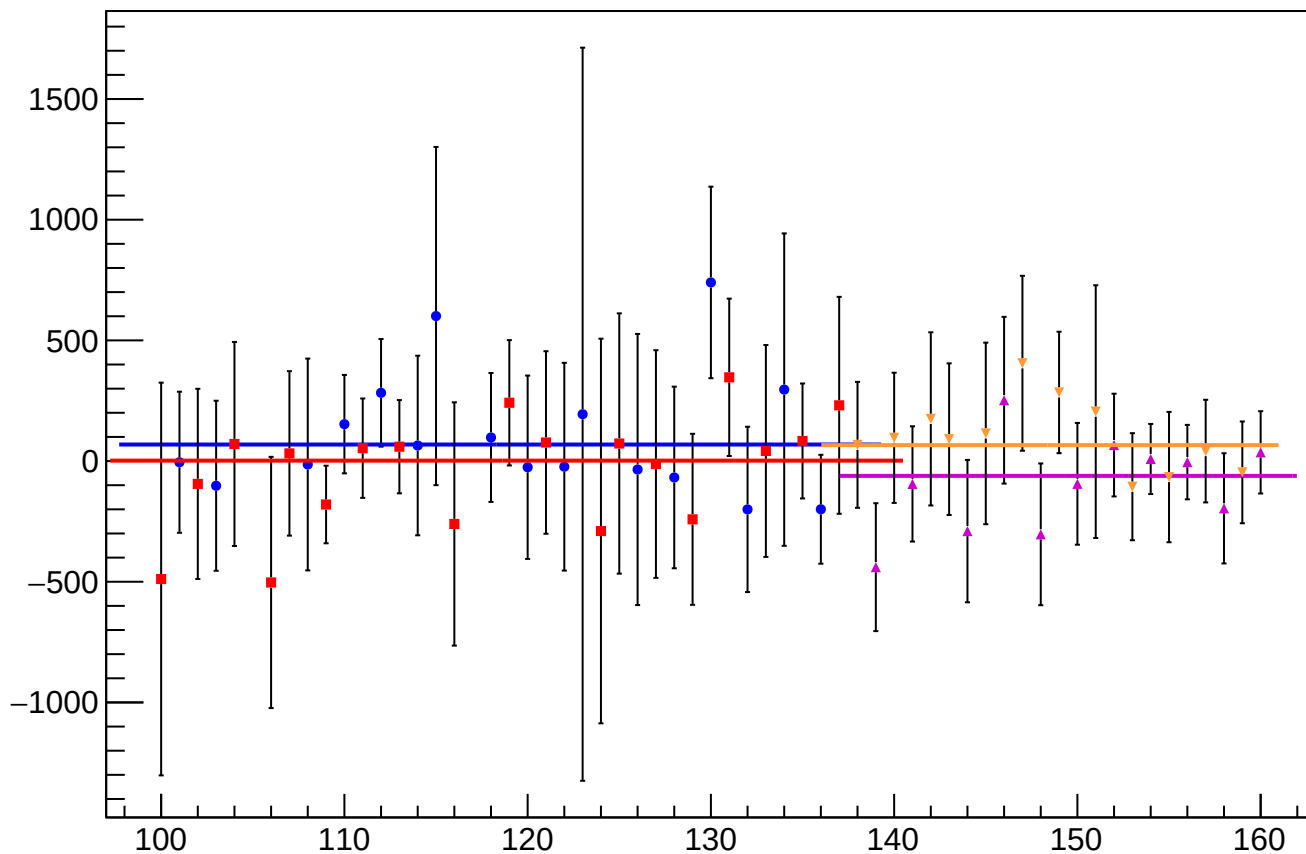
Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.1/18

Left In: 16.473 $\pm$ 0.004 χ^2 /NDF:26142.1/10

17.053 $\pm$ 0.003 χ^2 /NDF: 85922.2/28

16.971 $\pm$ 0.003 χ^2 /NDF: 97054.7/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.553+/-81.018 χ^2/NDF : 7.3/16

Left Out: 66.059+/-79.266 χ^2/NDF : 3.0/11

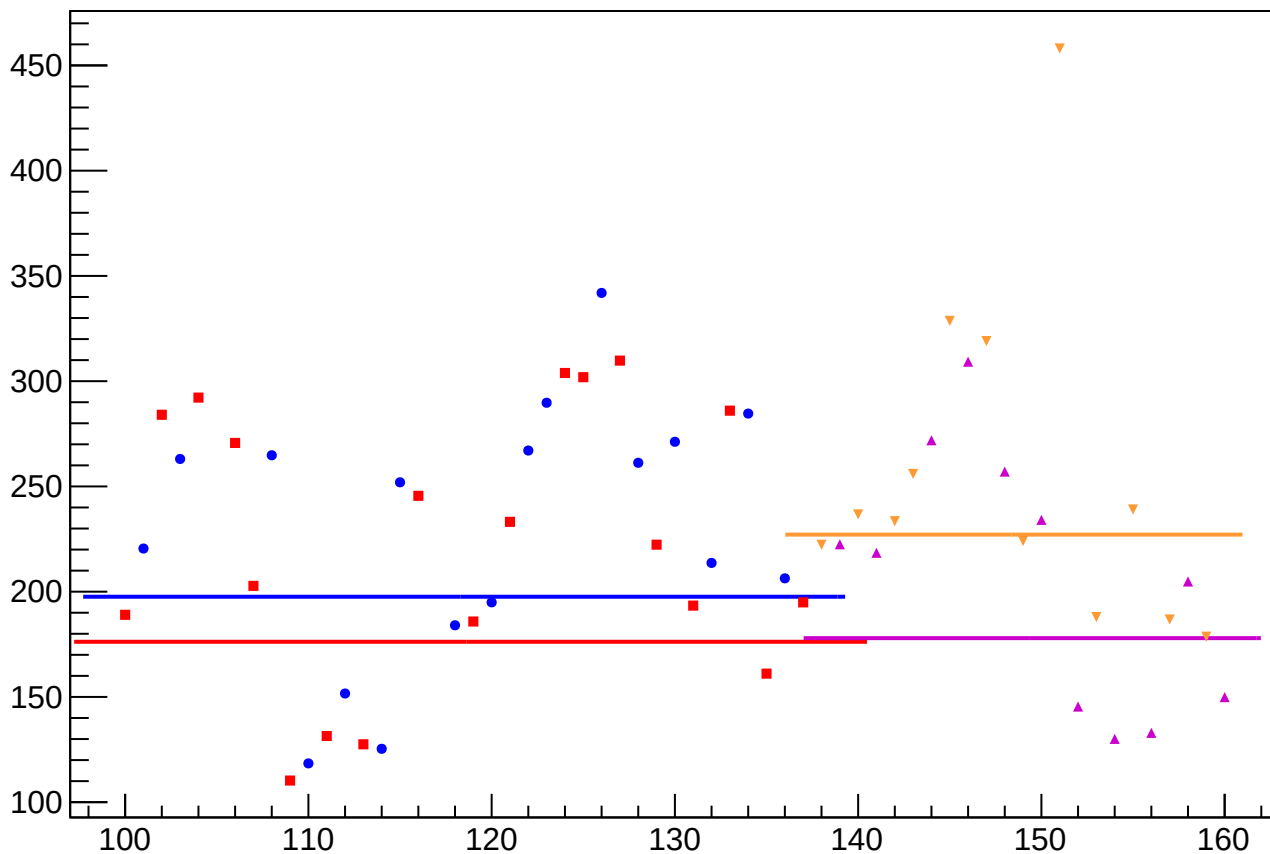
Right Out: 1.831+/-71.538 χ^2/NDF : 6.1/18

Left In: -61.307+/-63.997 χ^2/NDF : 5.6/10

67.279+/-56.659 χ^2/NDF : 10.3/28

-33.240+/-47.697 χ^2/NDF : 12.1/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 227.115 $\pm$ 0.056 χ^2 /NDF: 928678.9/11

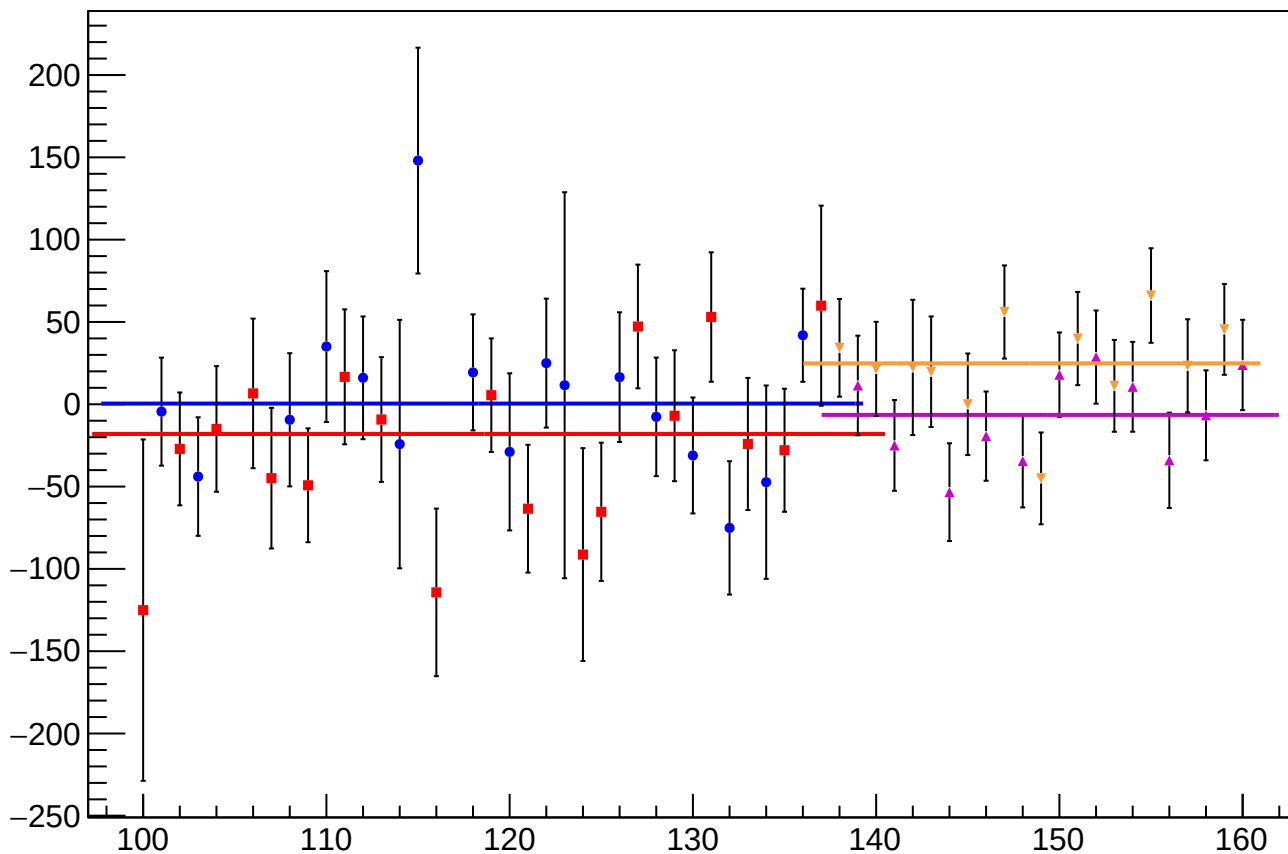
Right Out: 176.201 $\pm$ 0.051 χ^2 /NDF: 1519832.7/18

Left In: 177.930 $\pm$ 0.045 χ^2 /NDF: 1367126.6/10

212.682 $\pm$ 0.040 χ^2 /NDF: 2033094.3/28

177.162 $\pm$ 0.034 χ^2 /NDF: 2887608.1/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 $\pm$ 9.884 χ^2/NDF : 15.5/16

Left Out: 24.857 $\pm$ 8.535 χ^2/NDF : 11.4/11

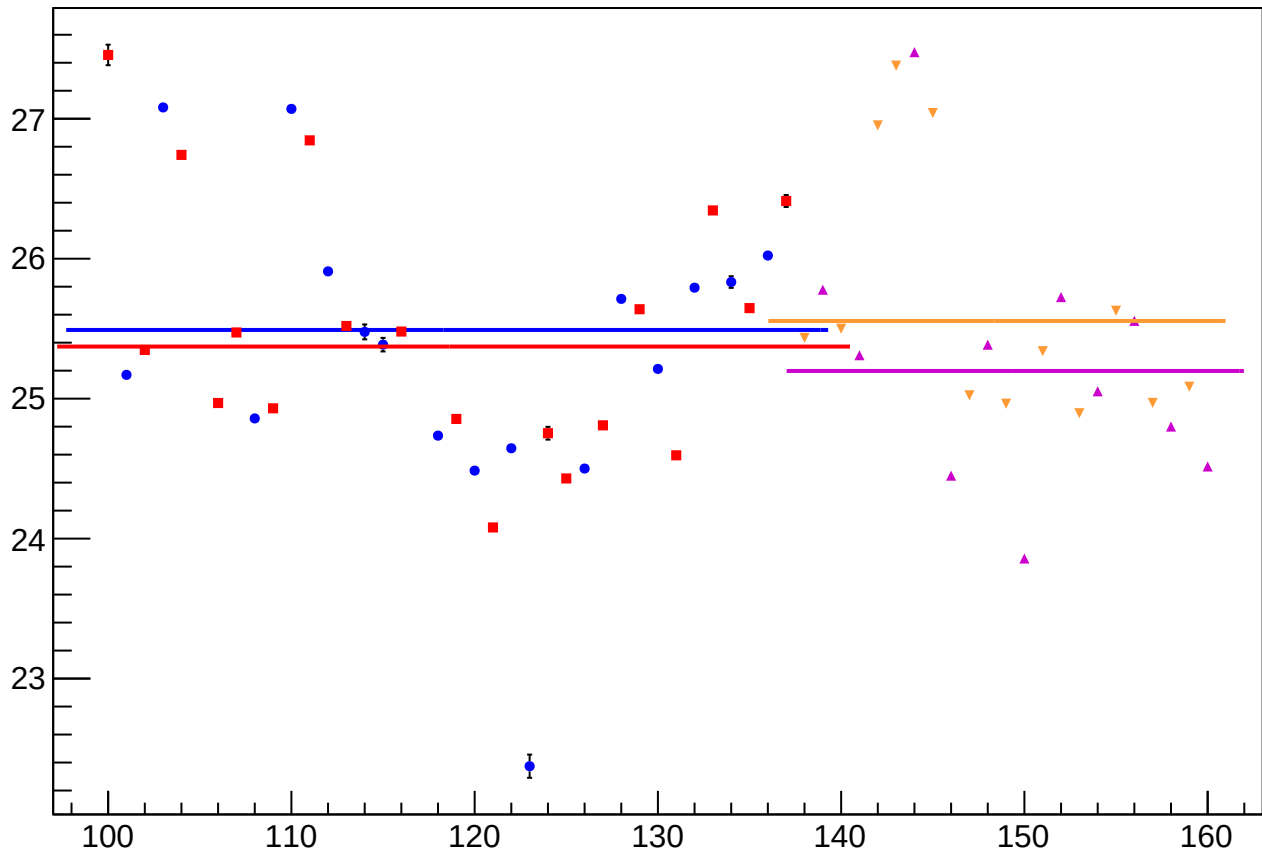
Right Out: -18.044 $\pm$ 9.499 χ^2/NDF : 19.5/18

Left In: -6.462 $\pm$ 8.413 χ^2/NDF : 9.5/10

14.421 $\pm$ 6.460 χ^2/NDF : 30.4/28

-11.553 $\pm$ 6.298 χ^2/NDF : 29.8/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491 ± 0.007 $\chi^2/\text{NDF}: 13713.0/16$

Left Out: 25.555 ± 0.006 $\chi^2/\text{NDF}: 17174.0/11$

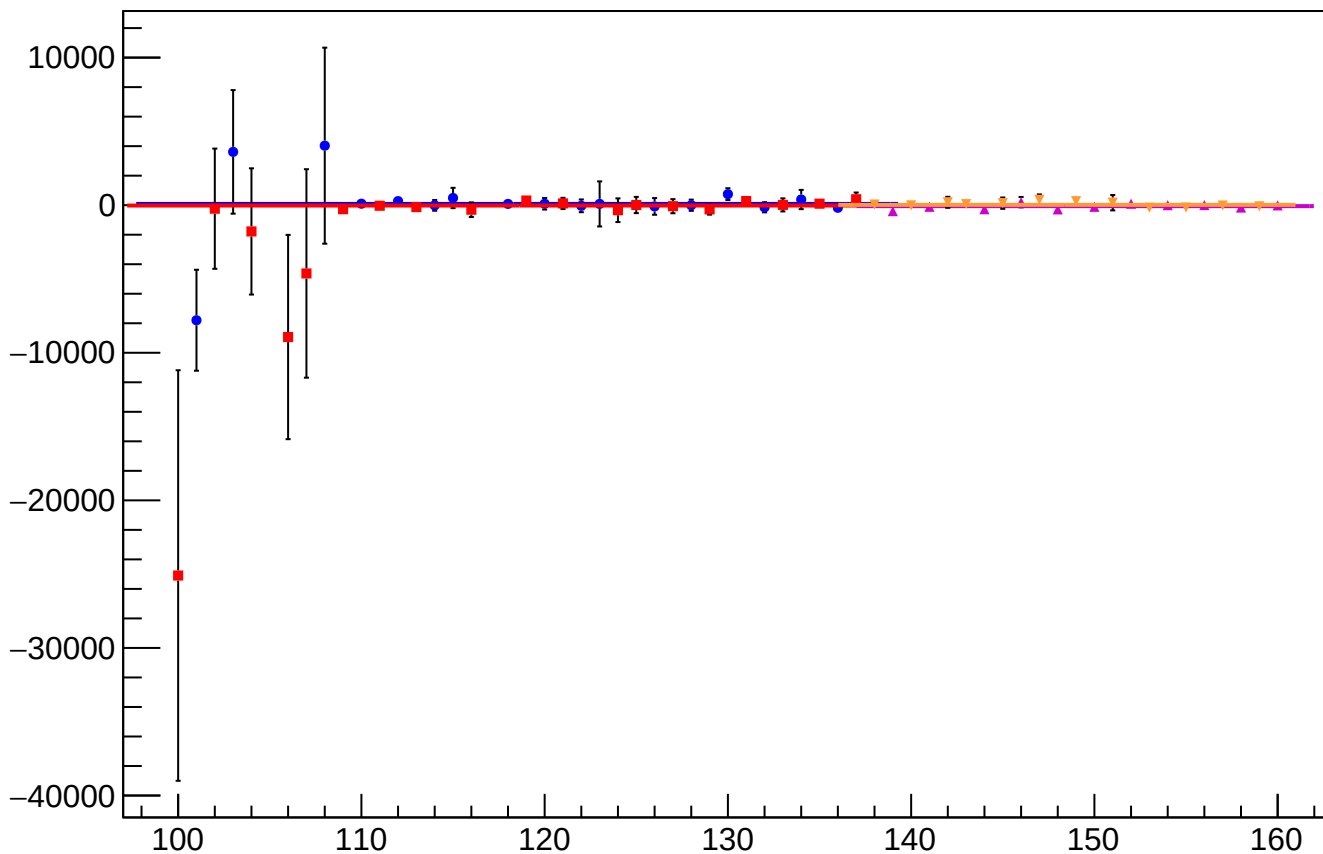
Right Out: 25.372 ± 0.007 $\chi^2/\text{NDF}: 13550.5/18$

Left In: 25.198 ± 0.006 $\chi^2/\text{NDF}: 22316.0/10$

25.528 ± 0.005 $\chi^2/\text{NDF}: 30935.5/28$

25.275 ± 0.004 $\chi^2/\text{NDF}: 36244.0/29$

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 86.558+/-88.423 χ^2/NDF : 12.5/16

Left Out: 21.987+/-81.013 χ^2/NDF : 3.6/11

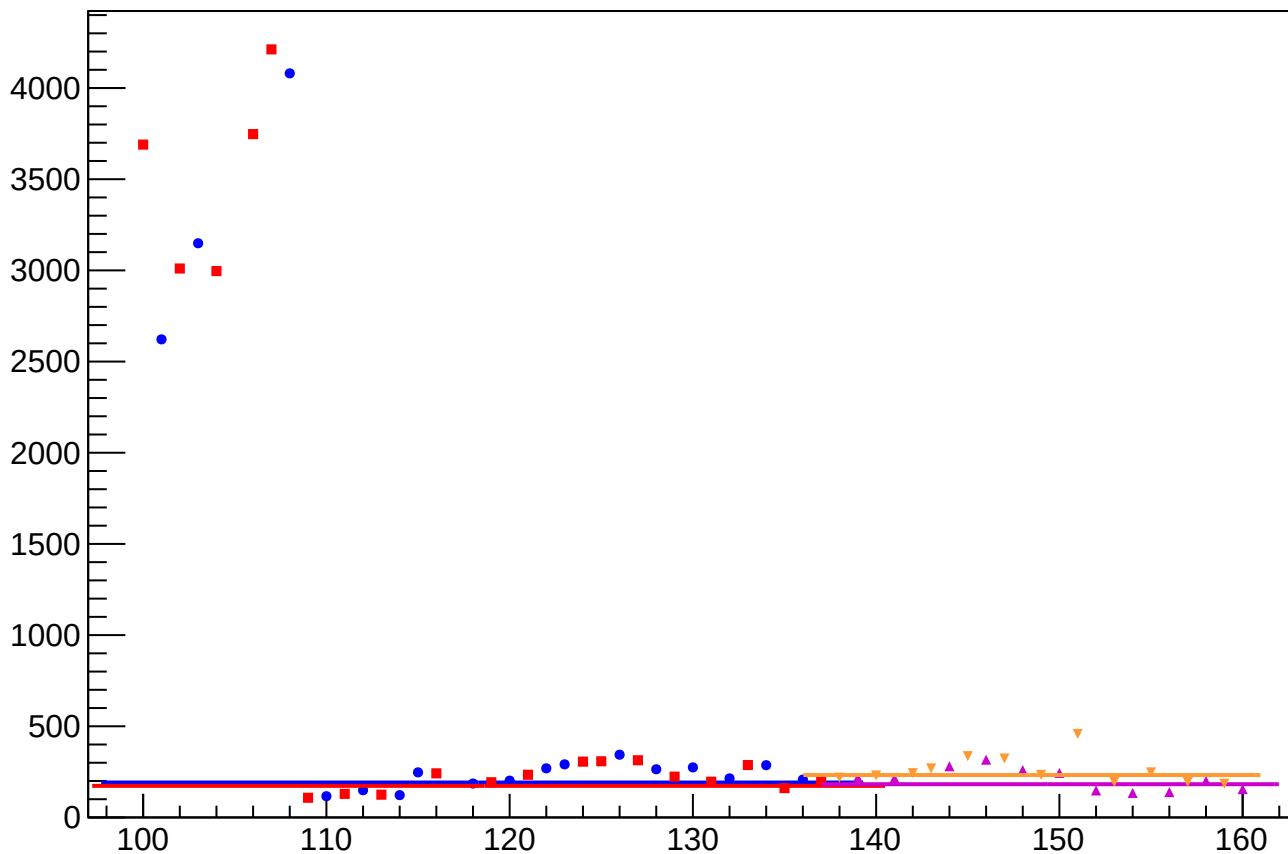
Right Out: -23.352+/-80.948 χ^2/NDF : 11.9/18

Left In: -64.125+/-65.363 χ^2/NDF : 4.6/10

51.454+/-59.733 χ^2/NDF : 16.4/28

-48.033+/-50.854 χ^2/NDF : 16.7/29

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 191.478+/-0.063 χ^2/NDF : 3573154.3/16

Left Out: 232.613+/-0.057 χ^2/NDF : 891208.3/11

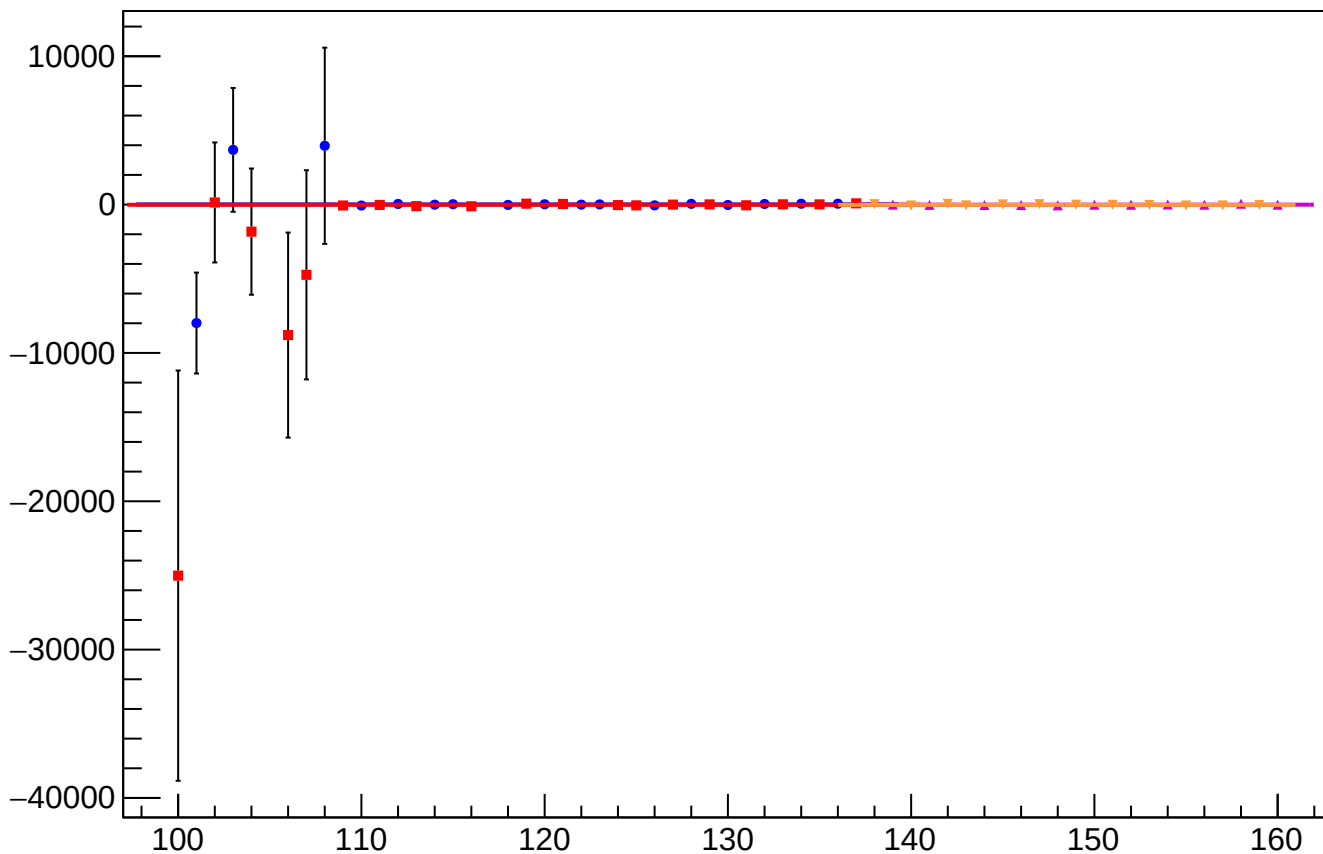
Right Out: 173.297+/-0.057 χ^2/NDF : 4207424.0/18

Left In: 182.318+/-0.046 χ^2/NDF : 1281474.6/10

213.841+/-0.042 χ^2/NDF : 4699669.0/28

178.758+/-0.036 χ^2/NDF : 5503931.1/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.286+/-12.282 χ^2/NDF : 18.4/16

Left Out: -19.409+/-10.000 χ^2/NDF : 11.9/11

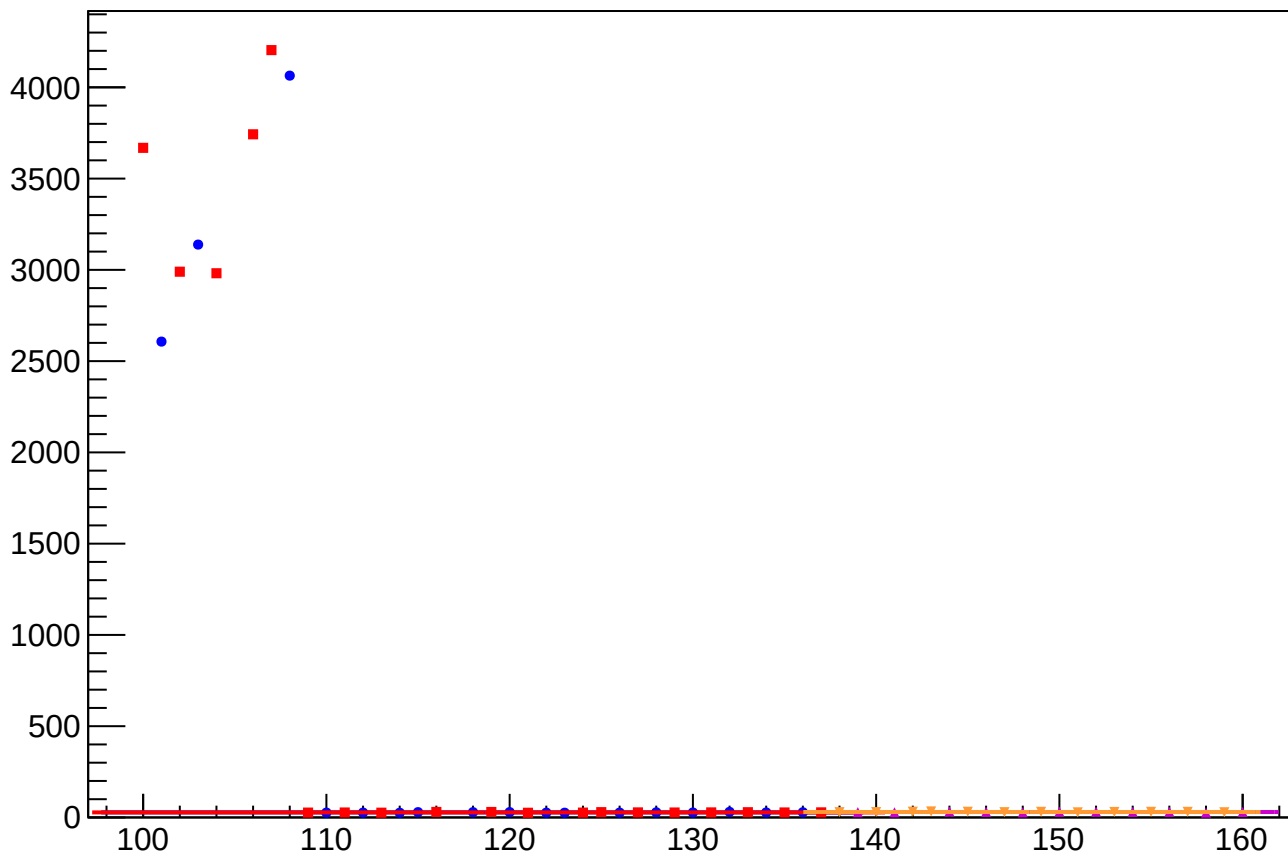
Right Out: -12.668+/-12.232 χ^2/NDF : 24.8/18

Left In: -6.509+/-9.949 χ^2/NDF : 8.5/10

-7.572+/-7.755 χ^2/NDF : 33.8/28

-8.961+/-7.719 χ^2/NDF : 33.4/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.855+/-0.009 χ^2/NDF : 3027666.8/16

Left Out: 29.895+/-0.007 χ^2/NDF : 36399.5/11

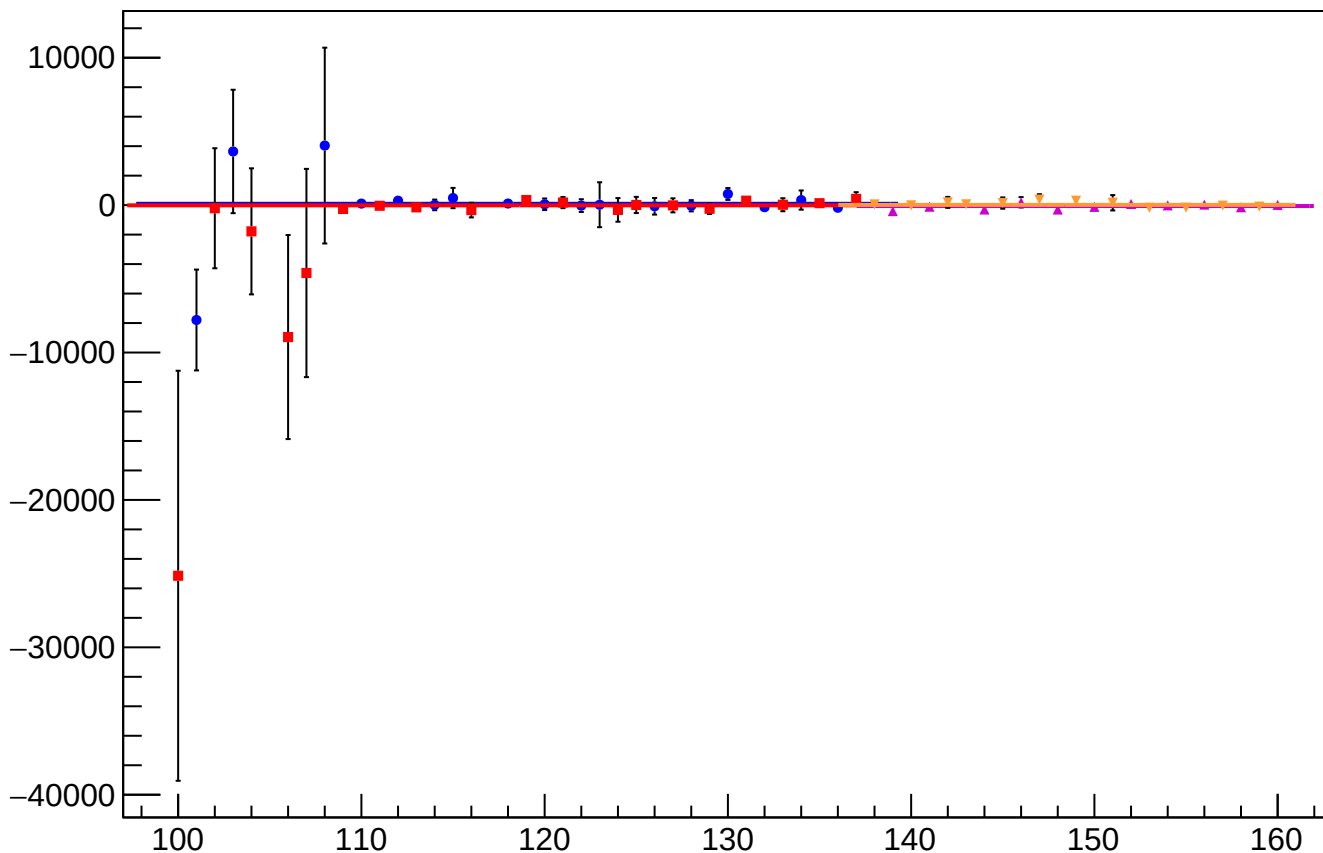
Right Out: 27.695+/-0.009 χ^2/NDF : 3476852.9/18

Left In: 29.730+/-0.007 χ^2/NDF : 57160.4/10

29.082+/-0.005 χ^2/NDF : 3097251.5/28

28.920+/-0.005 χ^2/NDF : 3567343.1/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 90.773+/-88.149 χ^2/NDF : 12.8/16

Left Out: 16.539+/-80.829 χ^2/NDF : 4.1/11

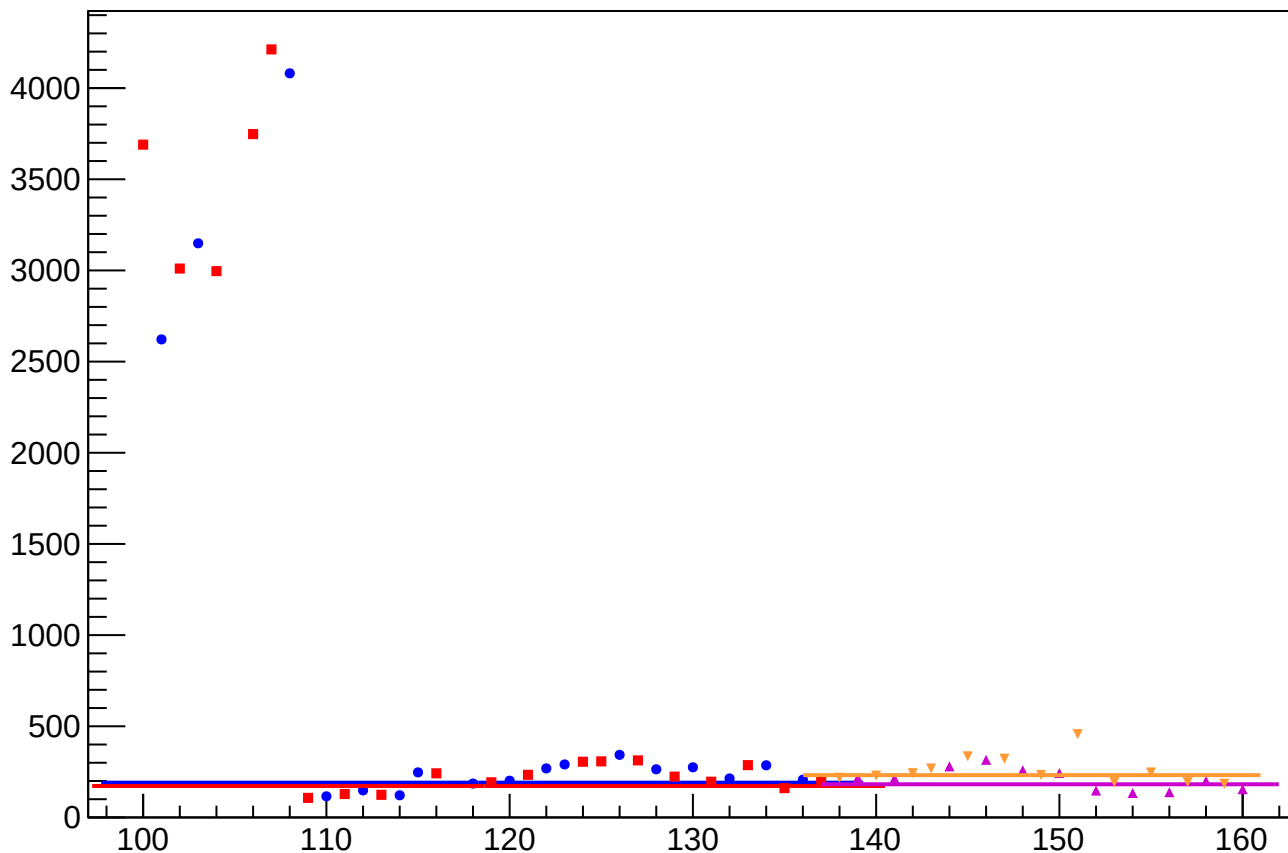
Right Out: -13.341+/-80.686 χ^2/NDF : 12.7/18

Left In: -61.421+/-65.232 χ^2/NDF : 4.8/10

50.447+/-59.575 χ^2/NDF : 17.3/28

-42.417+/-50.727 χ^2/NDF : 17.7/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.770+/-0.062 χ^2/NDF : 3585034.0/16

Left Out: 232.087+/-0.057 χ^2/NDF : 891269.5/11

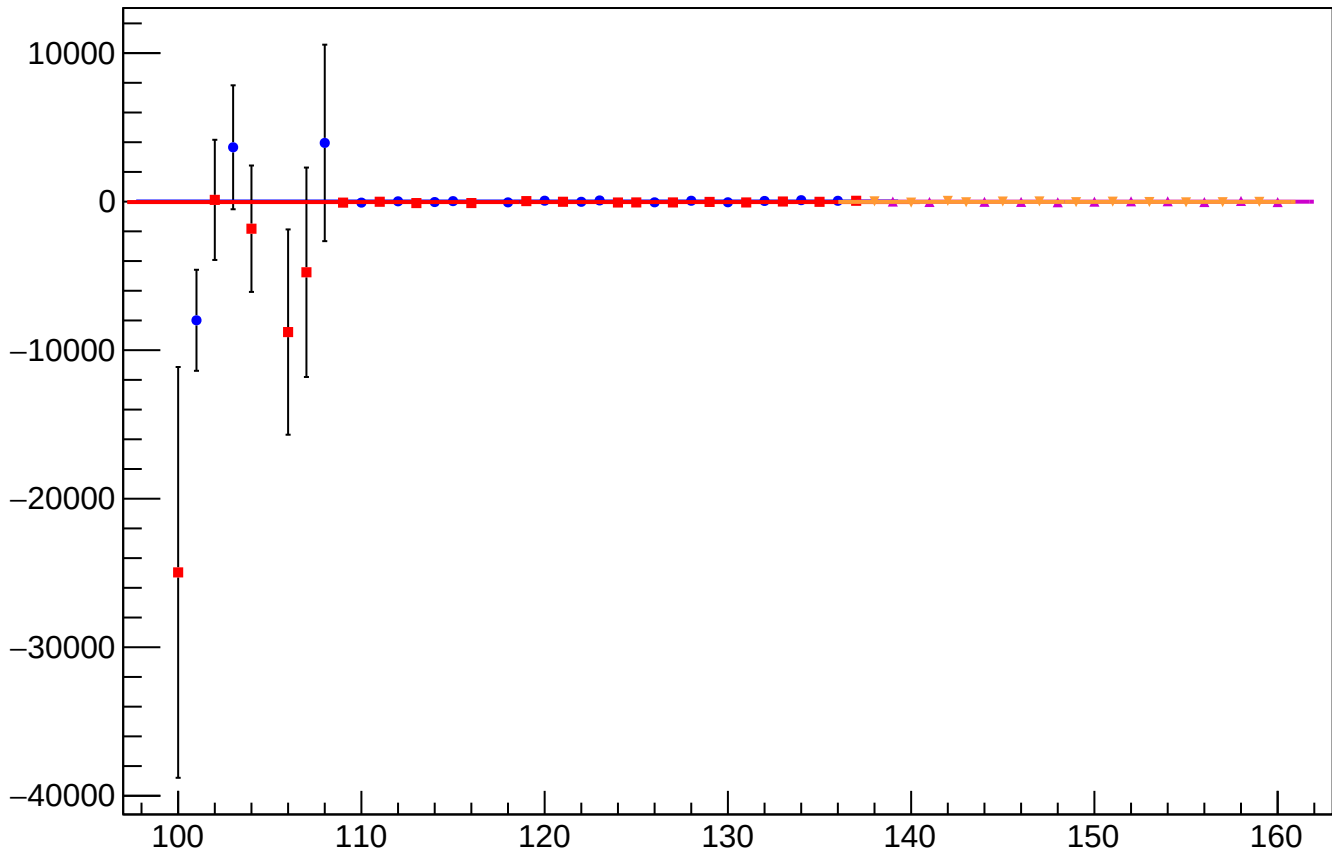
Right Out: 172.629+/-0.057 χ^2/NDF : 4218625.1/18

Left In: 181.954+/-0.046 χ^2/NDF : 1281649.7/10

213.214+/-0.042 χ^2/NDF : 4714998.7/28

178.268+/-0.036 χ^2/NDF : 5516427.4/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 8.600+/-12.368 χ^2/NDF : 23.2/16

Left Out: -17.102+/-10.079 χ^2/NDF : 8.8/11

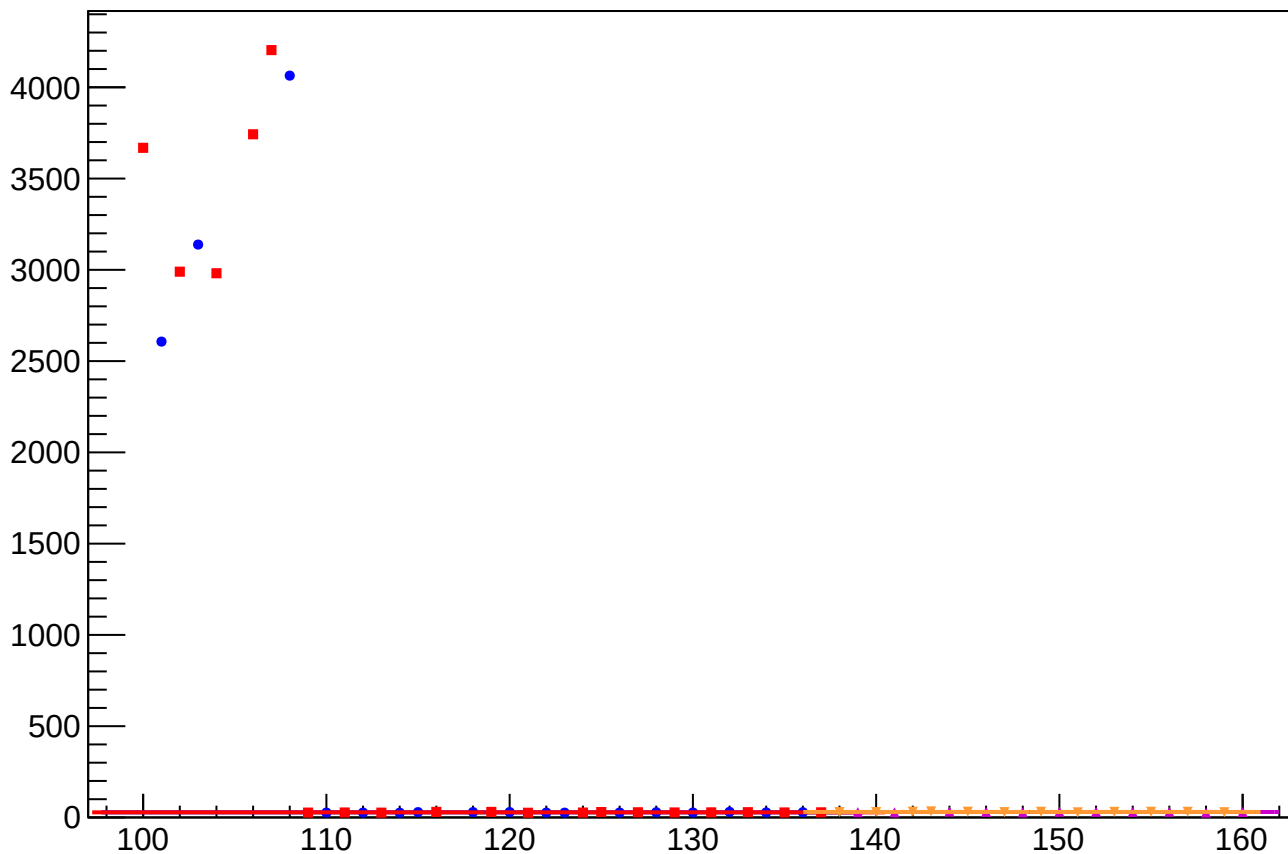
Right Out: -29.397+/-12.333 χ^2/NDF : 16.8/18

Left In: -3.729+/-10.009 χ^2/NDF : 7.2/10

-6.844+/-7.813 χ^2/NDF : 34.6/28

-13.921+/-7.772 χ^2/NDF : 26.6/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.044+/-0.009 χ^2/NDF : 3027898.7/16

Left Out: 30.128+/-0.007 χ^2/NDF : 38258.1/11

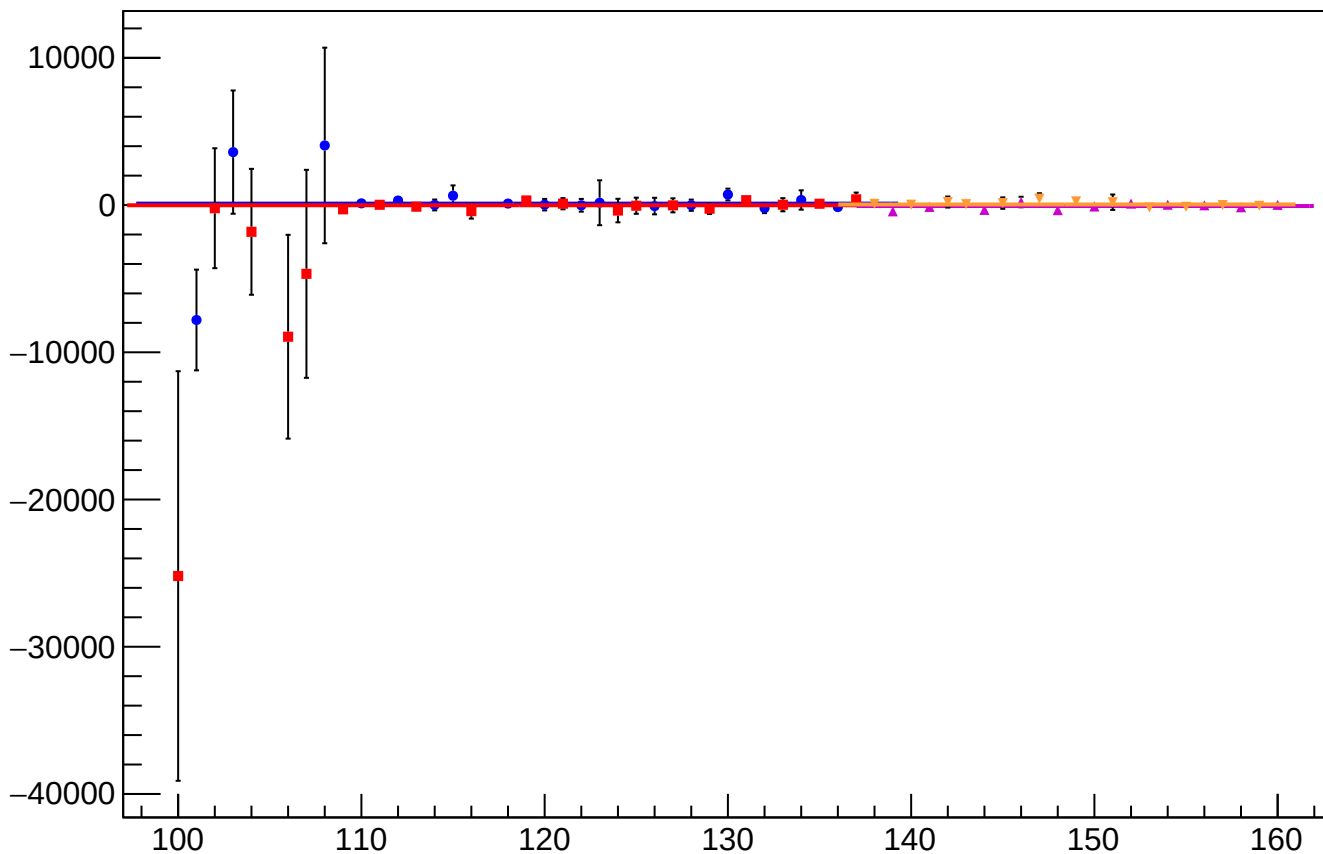
Right Out: 27.918+/-0.009 χ^2/NDF : 3479690.8/18

Left In: 29.911+/-0.007 χ^2/NDF : 59033.6/10

29.296+/-0.006 χ^2/NDF : 3100293.8/28

29.120+/-0.005 χ^2/NDF : 3570220.4/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 98.142+/-89.203 χ^2/NDF : 12.5/16

Left Out: 41.338+/-81.809 χ^2/NDF : 3.5/11

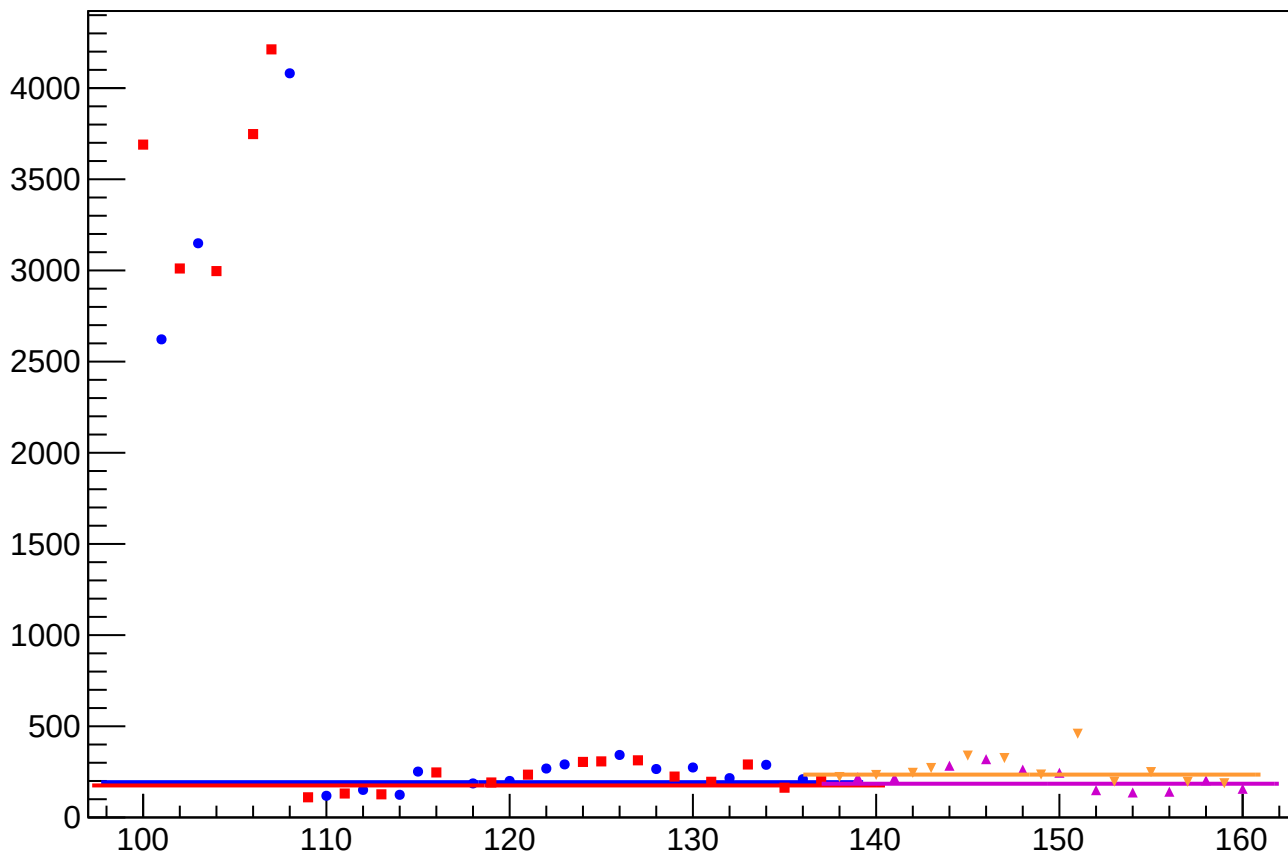
Right Out: -11.728+/-81.772 χ^2/NDF : 12.3/18

Left In: -65.204+/-66.212 χ^2/NDF : 5.5/10

67.288+/-60.292 χ^2/NDF : 16.2/28

-44.028+/-51.458 χ^2/NDF : 18.1/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 193.516+/-0.063 χ^2/NDF : 3536947.8/16

Left Out: 235.037+/-0.058 χ^2/NDF : 881309.4/11

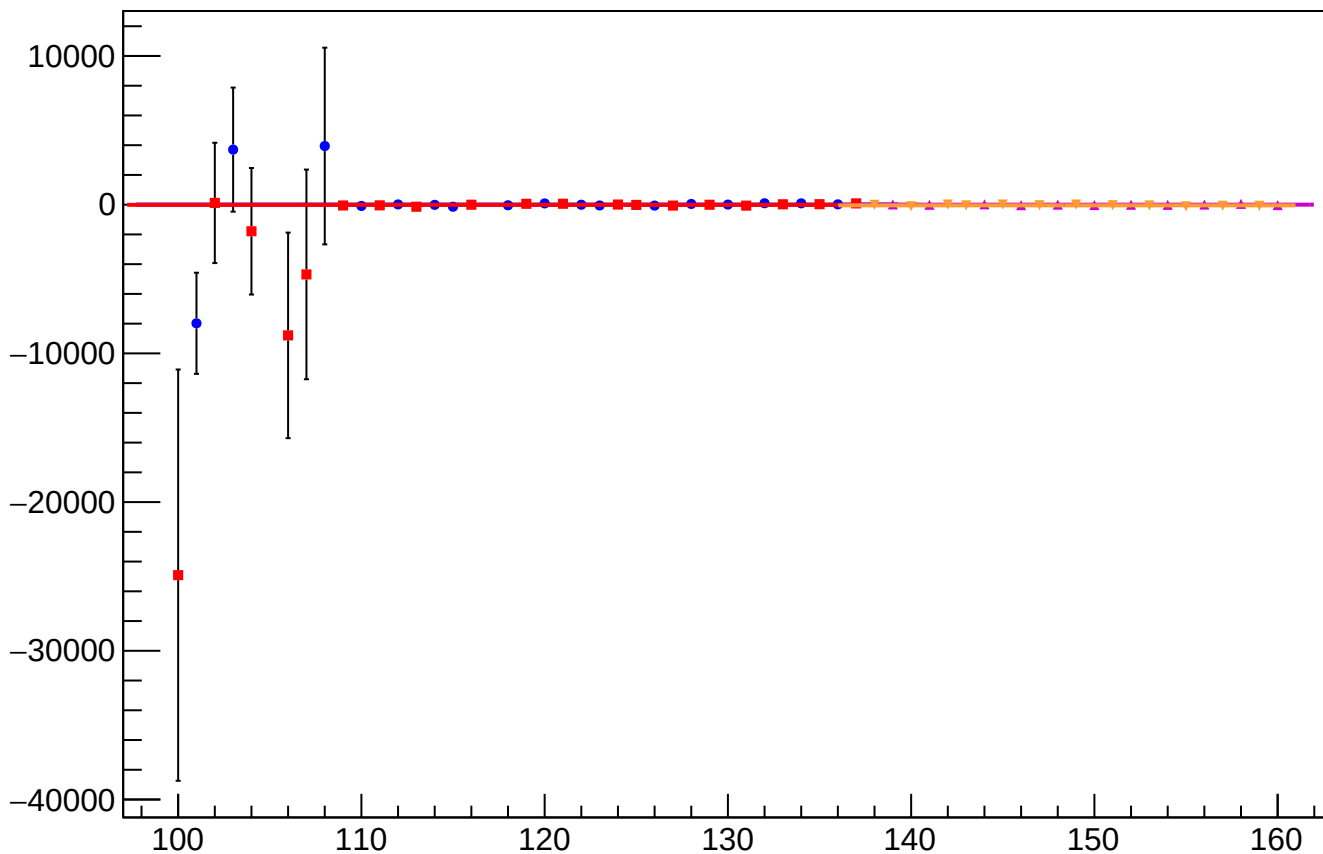
Right Out: 175.509+/-0.058 χ^2/NDF : 4165575.9/18

Left In: 184.922+/-0.047 χ^2/NDF : 1256501.4/10

216.069+/-0.043 χ^2/NDF : 4653612.1/28

181.194+/-0.036 χ^2/NDF : 5438082.1/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 5.565+/-15.052 χ^2/NDF : 20.4/16

Left Out: -45.805+/-11.828 χ^2/NDF : 11.7/11

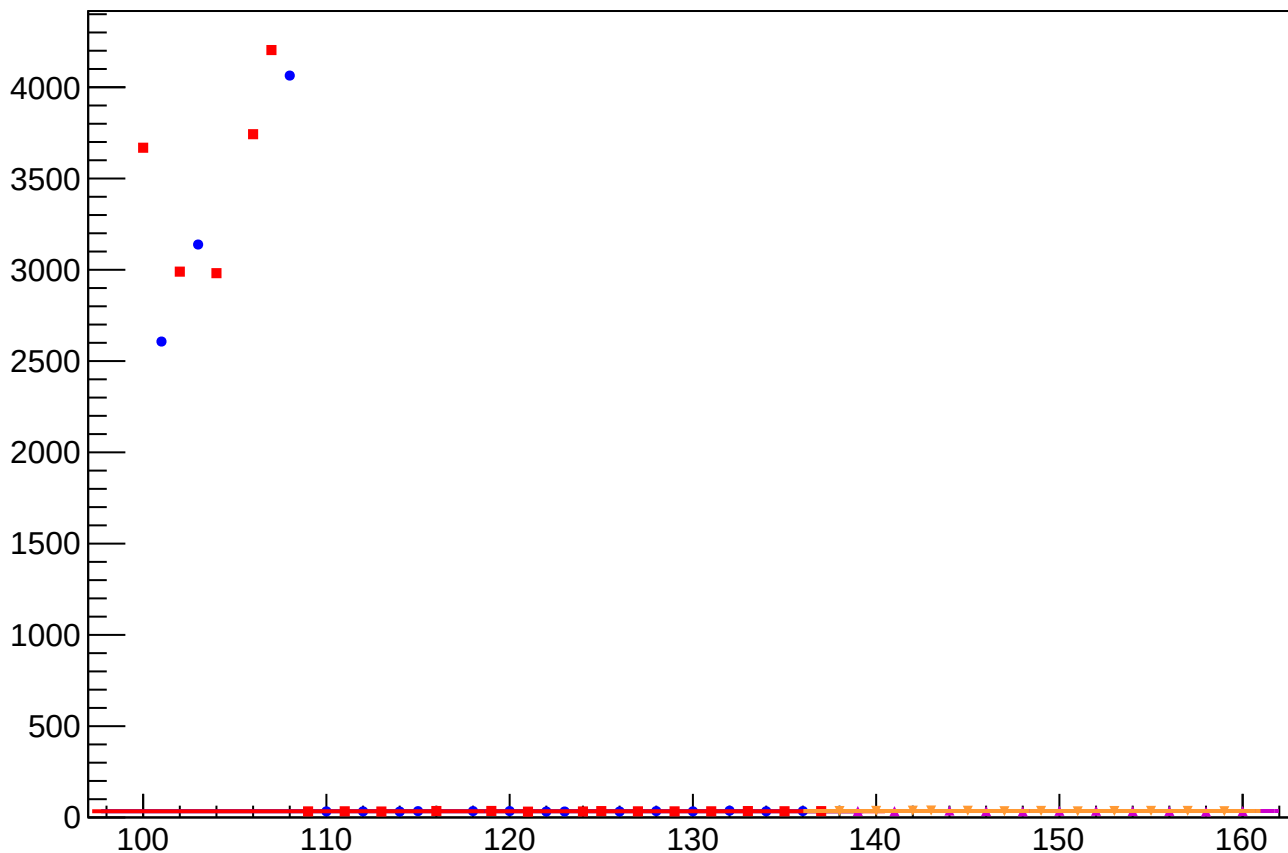
Right Out: -12.158+/-14.952 χ^2/NDF : 21.9/18

Left In: 1.465+/-11.798 χ^2/NDF : 4.8/10

-26.194+/-9.300 χ^2/NDF : 39.3/28

-3.762+/-9.262 χ^2/NDF : 27.2/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.168+/-0.011 χ^2/NDF : 3006512.8/16

Left Out: 35.404+/-0.008 χ^2/NDF :22047.8/11

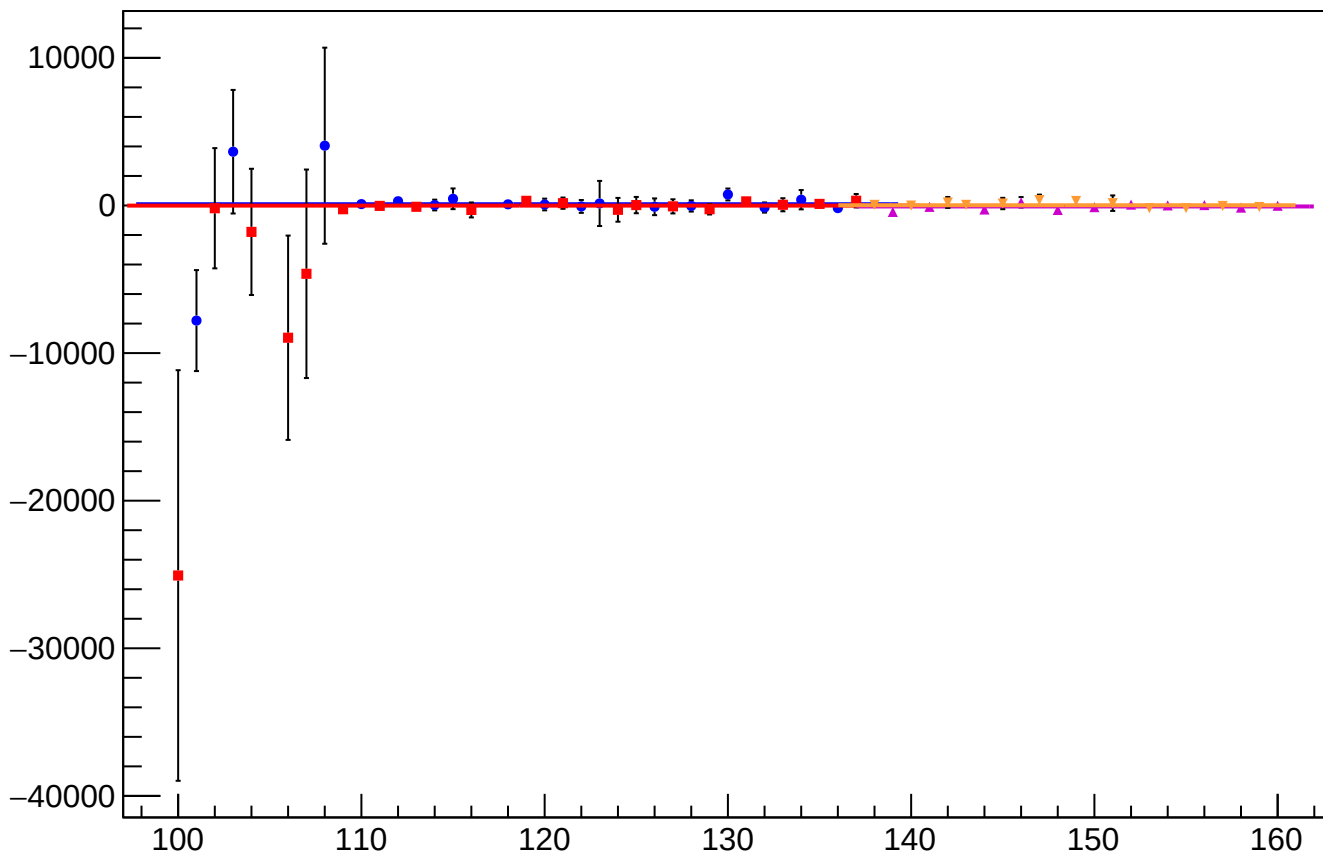
Right Out: 33.913+/-0.011 χ^2/NDF : 3451912.6/18

Left In: 35.324+/-0.008 χ^2/NDF :24670.7/10

34.932+/-0.007 χ^2/NDF : 3036909.3/28

34.782+/-0.007 χ^2/NDF : 3487562.5/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 84.504+/-88.746 χ^2/NDF : 12.5/16

Left Out: 16.306+/-81.530 χ^2/NDF : 4.2/11

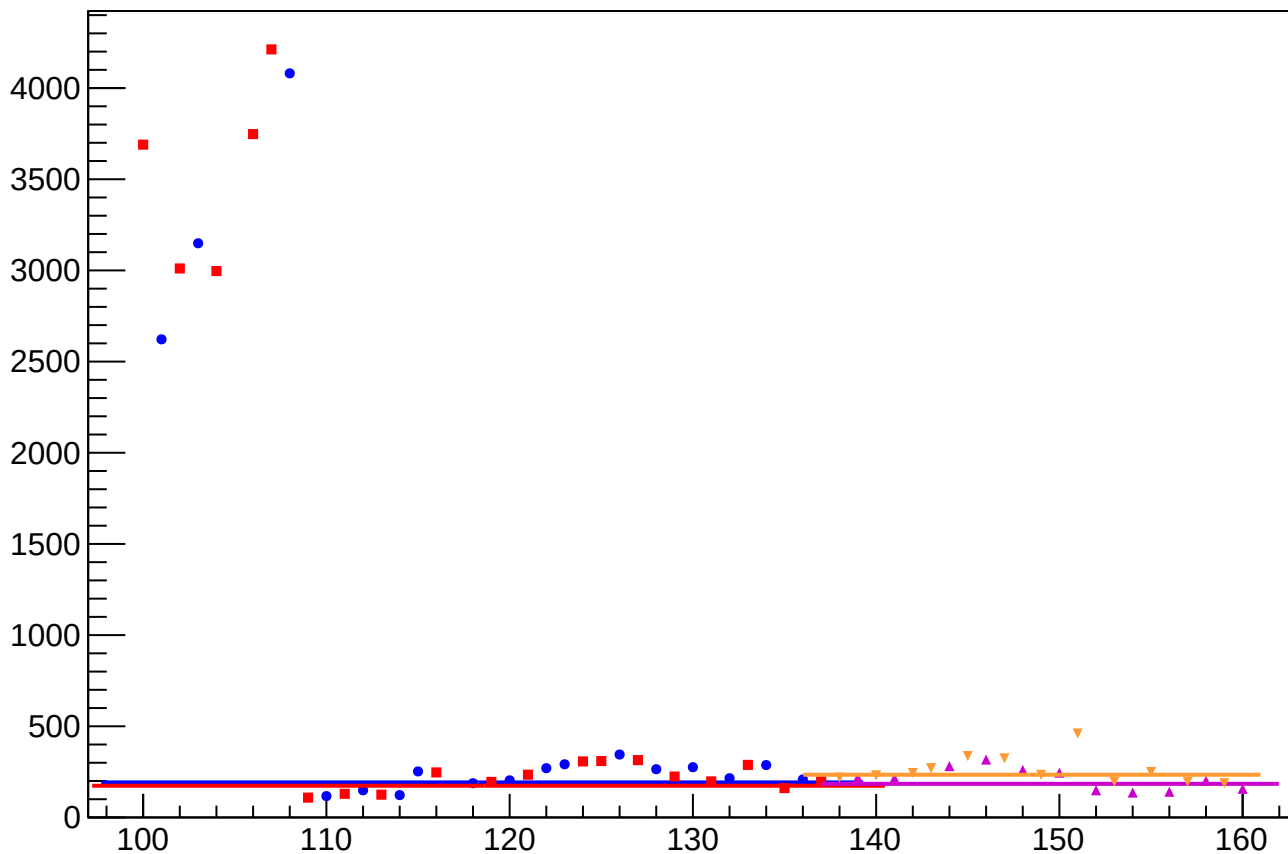
Right Out: -8.565+/-81.257 χ^2/NDF : 11.1/18

Left In: -66.000+/-65.985 χ^2/NDF : 4.9/10

47.520+/-60.040 χ^2/NDF : 17.0/28

-43.176+/-51.223 χ^2/NDF : 16.2/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 192.177+/-0.063 χ^2/NDF : 3574617.3/16

Left Out: 234.254+/-0.058 χ^2/NDF : 875021.2/11

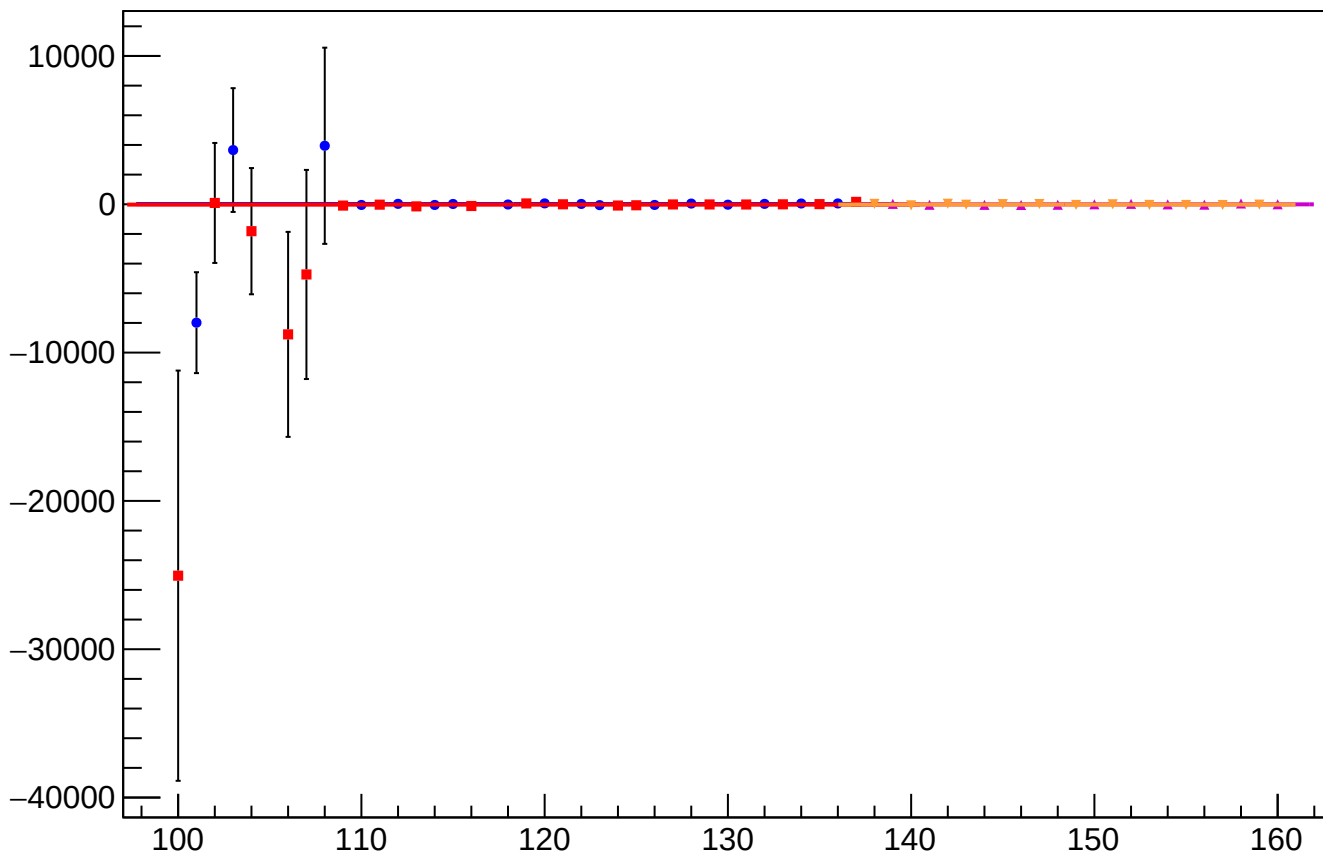
Right Out: 173.961+/-0.057 χ^2/NDF : 4211616.2/18

Left In: 184.320+/-0.047 χ^2/NDF : 1241561.8/10

214.996+/-0.042 χ^2/NDF : 4693460.1/28

180.203+/-0.036 χ^2/NDF : 5472768.7/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 12.751+/-13.723 χ^2/NDF : 14.6/16

Left Out: -21.204+/-10.761 χ^2/NDF : 8.8/11

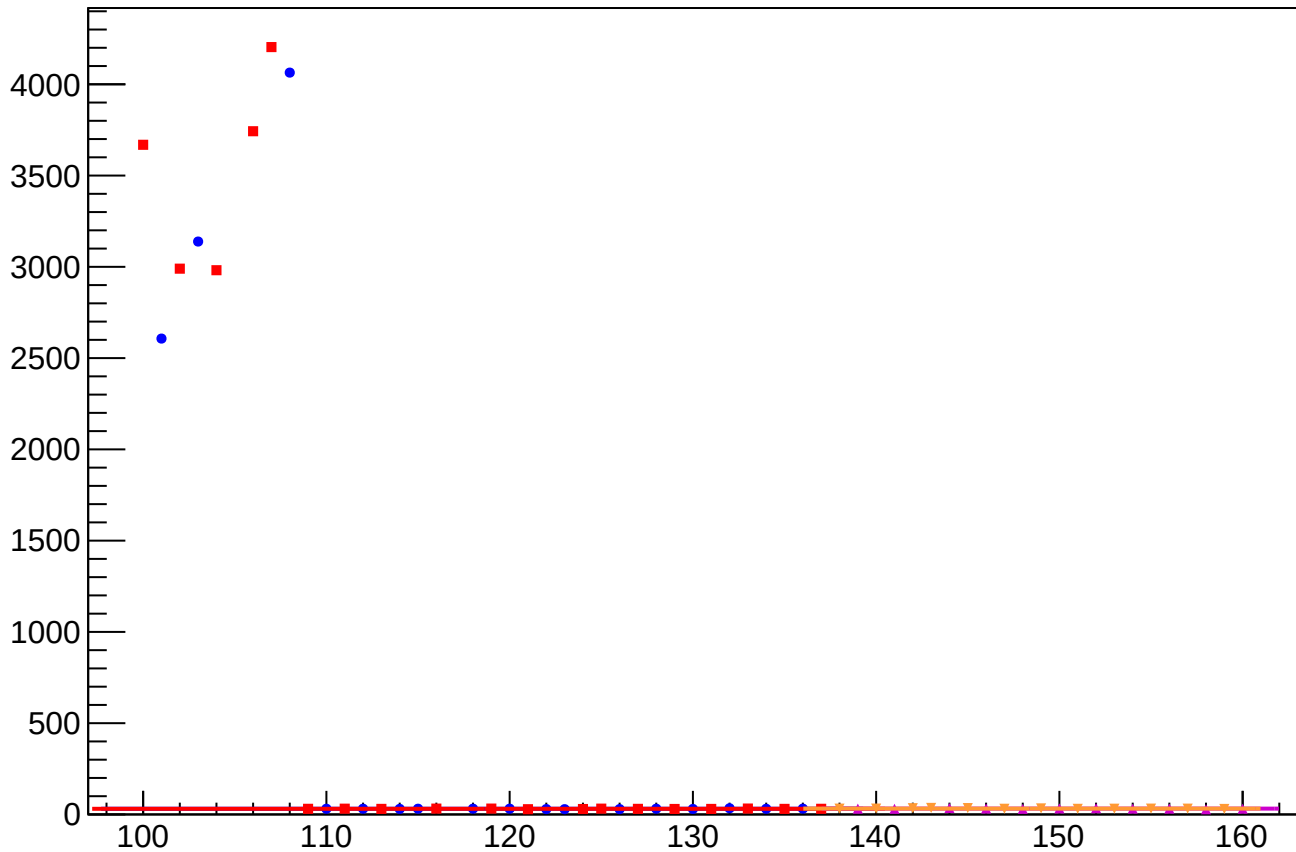
Right Out: -22.618+/-13.660 χ^2/NDF : 28.0/18

Left In: -4.976+/-10.697 χ^2/NDF : 8.7/10

-8.276+/-8.468 χ^2/NDF : 27.3/28

-11.682+/-8.422 χ^2/NDF : 37.8/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 3014515.0/16

Left Out: 32.174+/-0.008 χ^2/NDF : 40766.6/11

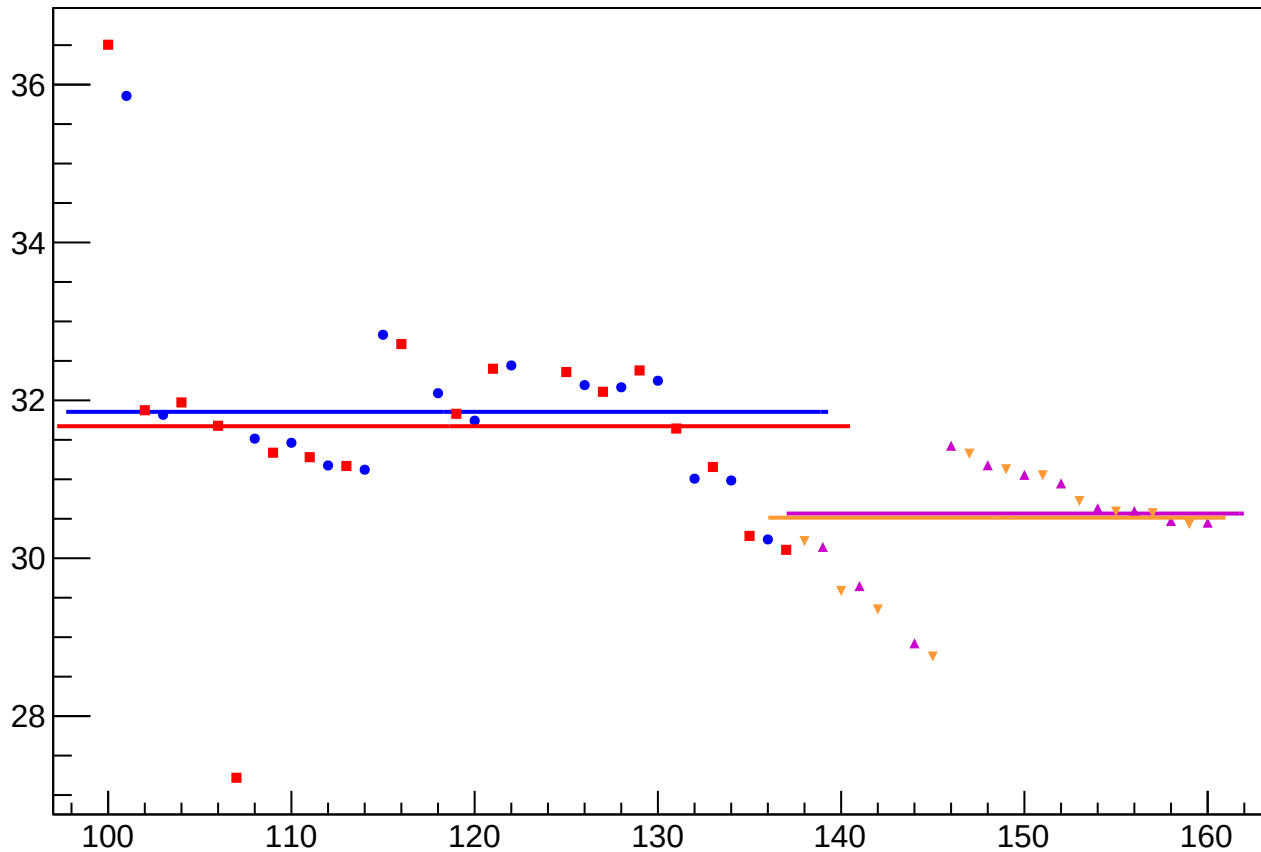
31.785+/-0.006 χ^2/NDF : 3062138.0/28

Right Out: 30.963+/-0.010 χ^2/NDF : 3458924.5/18

31.585+/-0.006 χ^2/NDF : 3518819.7/29

Left In: 31.966+/-0.008 χ^2/NDF : 53200.2/10

yield_usl_mean vs Slug



Right In: 31.855+/-0.000 χ^2 /NDF: 1570522165.5/15

Left Out: 30.514+/-0.000 χ^2 /NDF: 587636175.6/10

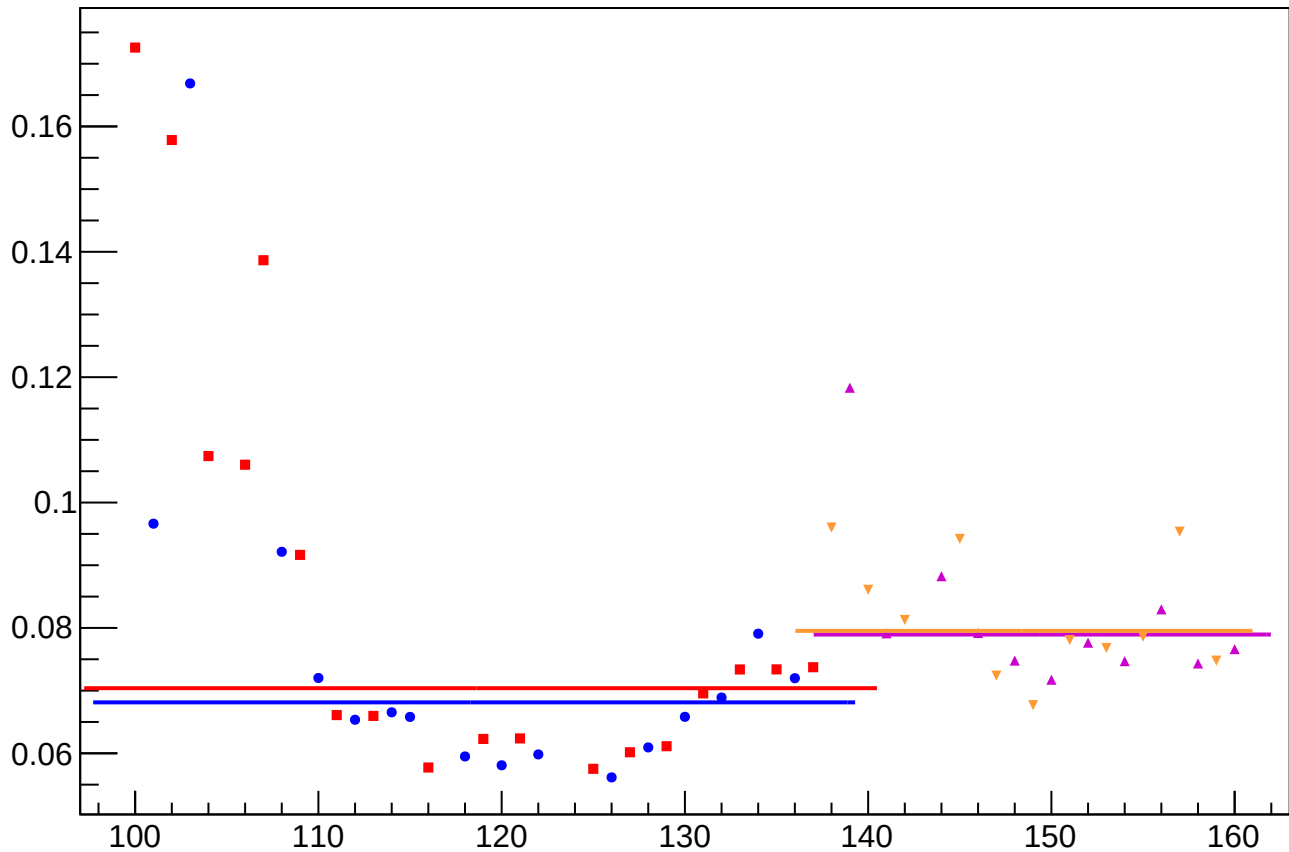
Right Out: 31.672+/-0.000 χ^2 /NDF: 917899841.8/17

Left In: 30.566+/-0.000 χ^2 /NDF: 564589714.0/10

31.206+/-0.000 χ^2 /NDF: 3239532284.5/26

31.097+/-0.000 χ^2 /NDF: 2242047161.4/28

yield_usl_rms vs Slug



Right In: 0.068 ± 0.000 χ^2/NDF : 629767.4/15

Left Out: 0.080 ± 0.000 χ^2/NDF : 185128.9/10

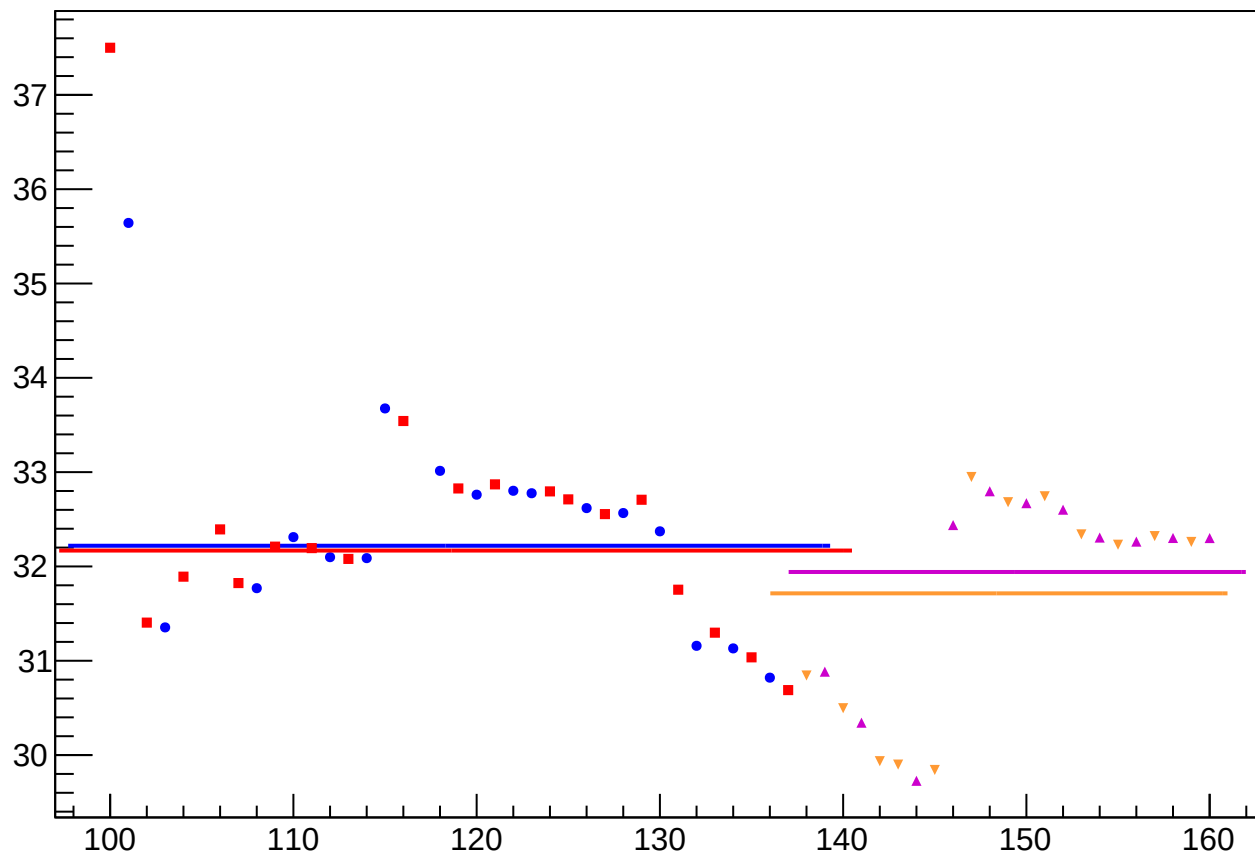
Right Out: 0.070 ± 0.000 χ^2/NDF : 841320.1/17

Left In: 0.079 ± 0.000 χ^2/NDF : 207740.8/10

0.074 ± 0.000 χ^2/NDF : 971398.5/26

0.075 ± 0.000 χ^2/NDF : 1140081.7/28

yield_usr_mean vs Slug



Right In: 32.220+/-0.000 χ^2/NDF : 1013864543.3/16

Left Out: 31.715+/-0.000 χ^2/NDF :1739966097.0/11

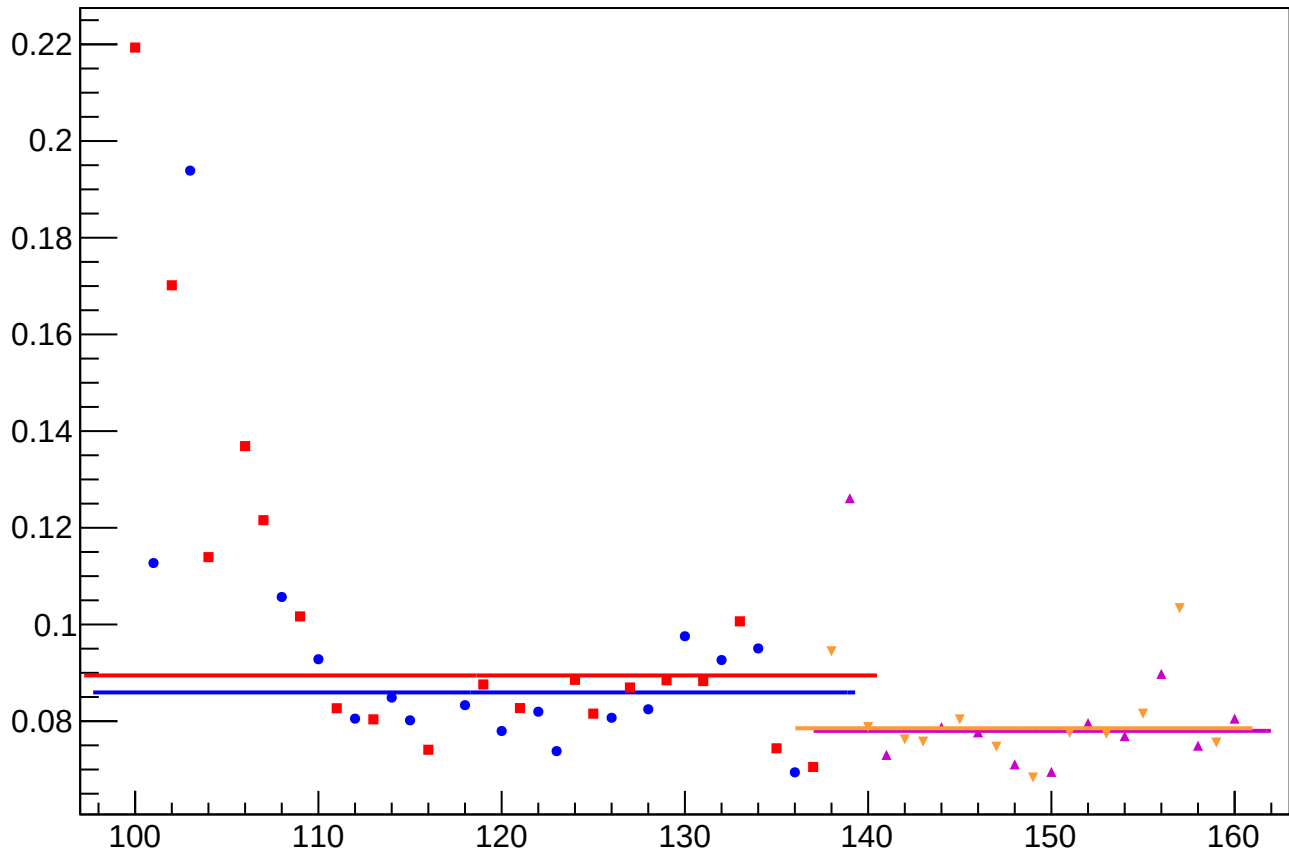
Right Out: 32.168+/-0.000 χ^2/NDF : 442298310.3/18

Left In: 31.941+/-0.000 χ^2/NDF :1376640128.5/10

31.905+/-0.000 χ^2/NDF : 2878485168.0/28

32.024+/-0.000 χ^2/NDF : 1844147014.7/29

yield_usr_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 553280.3/16

Left Out: 0.079 $\pm$ 0.000 χ^2 /NDF:157563.4/11

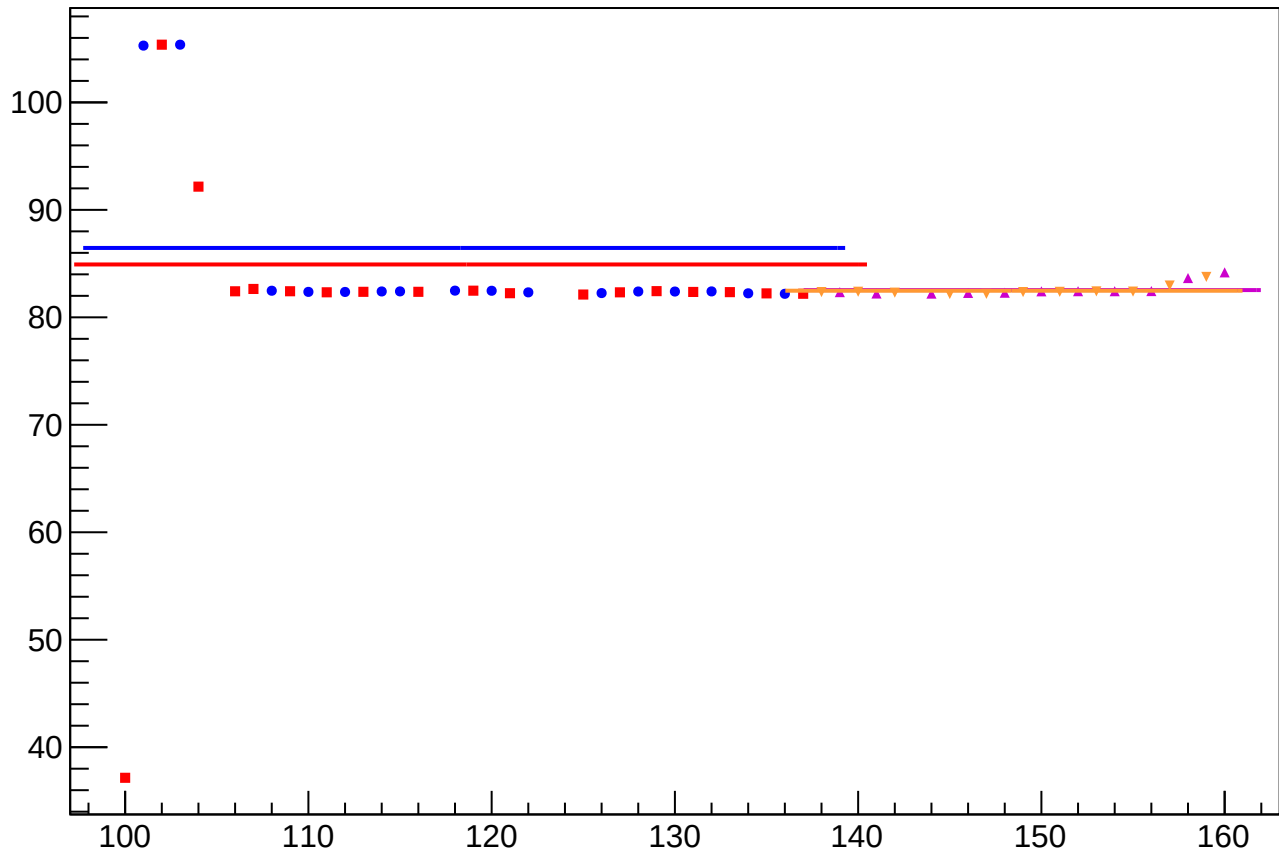
Right Out: 0.089 $\pm$ 0.000 χ^2 /NDF: 539869.9/18

Left In: 0.078 $\pm$ 0.000 χ^2 /NDF:279599.7/10

0.081 $\pm$ 0.000 χ^2 /NDF: 764585.0/28

0.082 $\pm$ 0.000 χ^2 /NDF: 947794.2/29

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.477+/-0.000 χ^2/NDF : 657415263.5/10

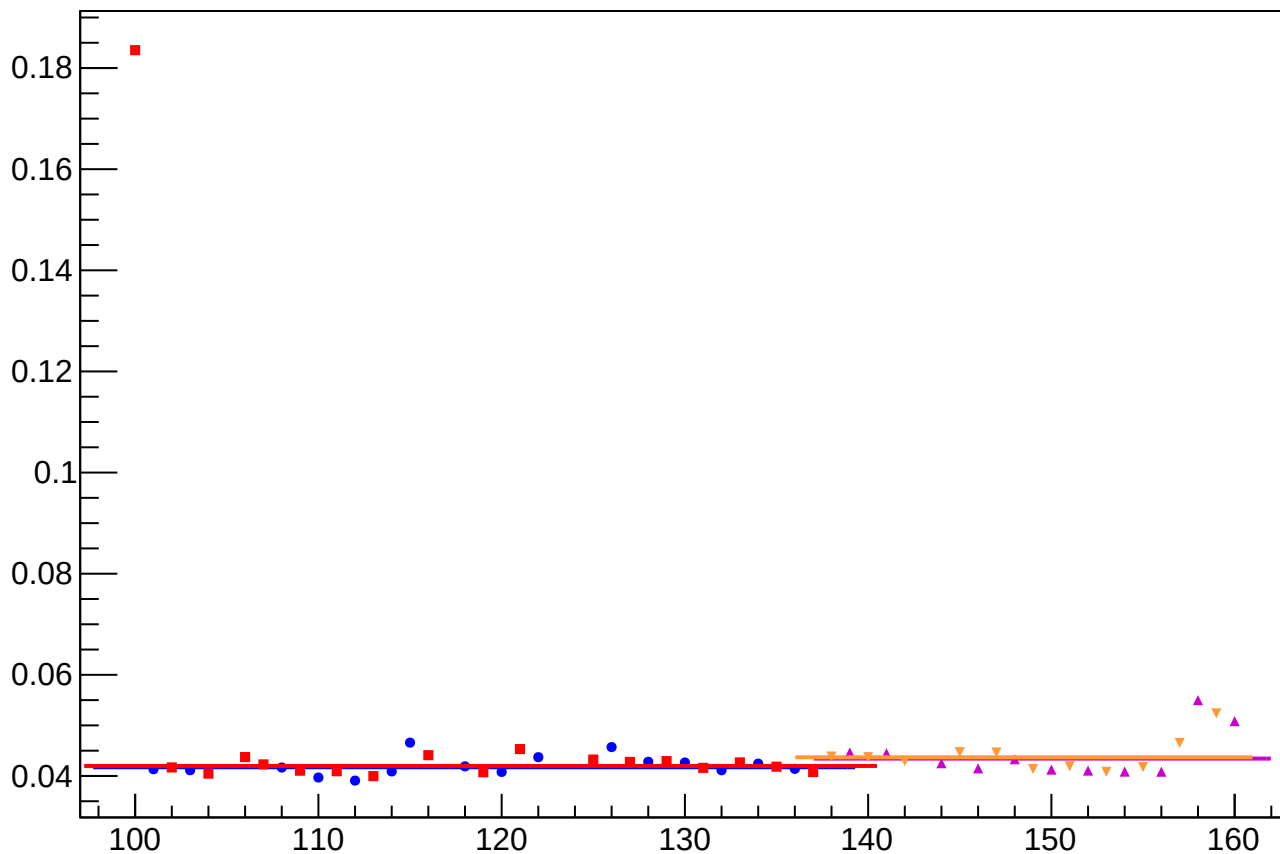
Right Out: 84.920+/-0.000 χ^2/NDF : 172195187677.7/17

Left In: 82.536+/-0.000 χ^2/NDF : 1326885304.7/10

84.346+/-0.000 χ^2/NDF : 323730061620.3/26

83.623+/-0.000 χ^2/NDF : 185595733207.0/28

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 18887.0/15

Left Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 69571.6/10

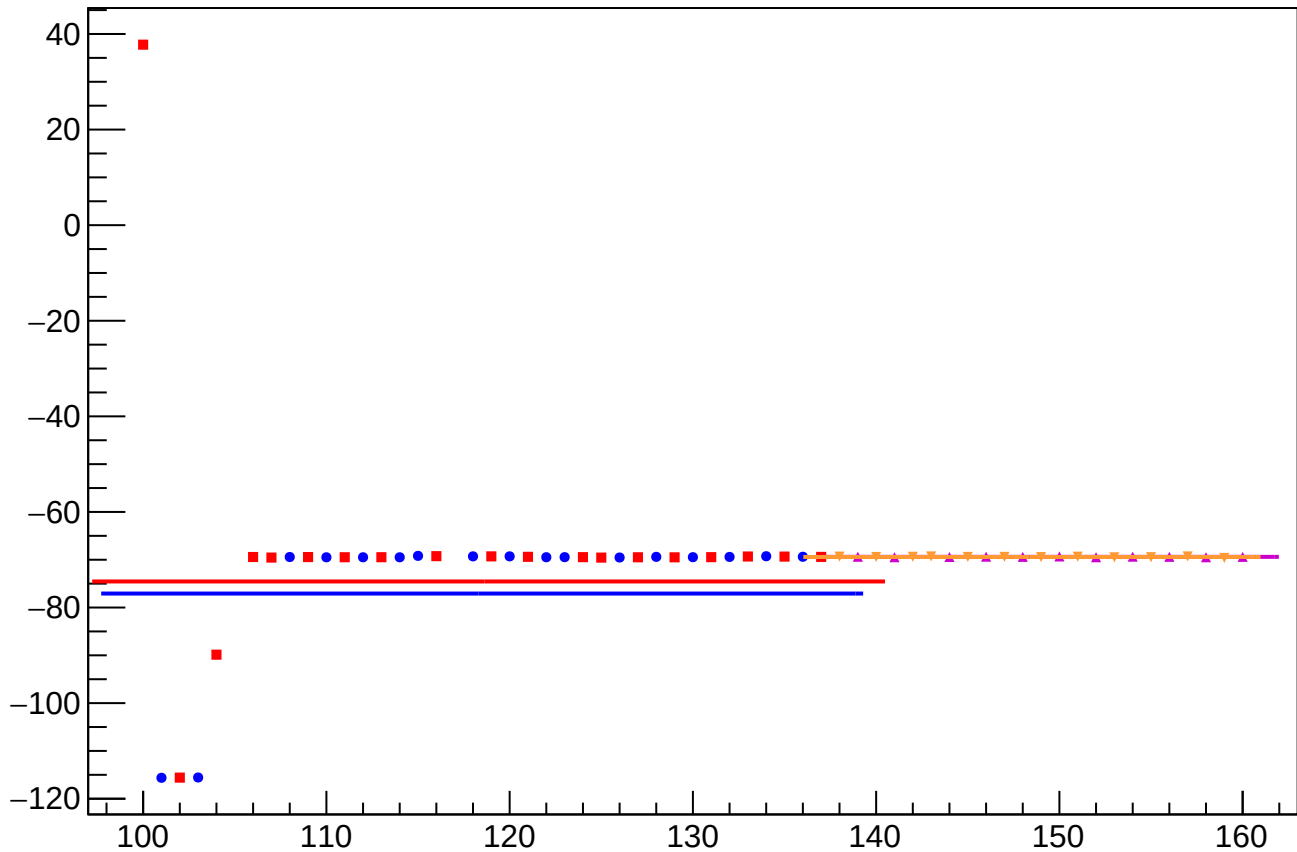
Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 96869.3/17

Left In: 0.043 $\pm$ 0.000 χ^2 /NDF: 132105.8/10

0.043 $\pm$ 0.000 χ^2 /NDF: 103828.7/26

0.043 $\pm$ 0.000 χ^2 /NDF: 237943.7/28

yield_dsr_mean vs Slug



Right In: -77.074 $\pm$ 0.000 χ^2 /NDF: 565391865606.1/16

-72.577 $\pm$ 0.000 χ^2 /NDF: 631301547676.8/28

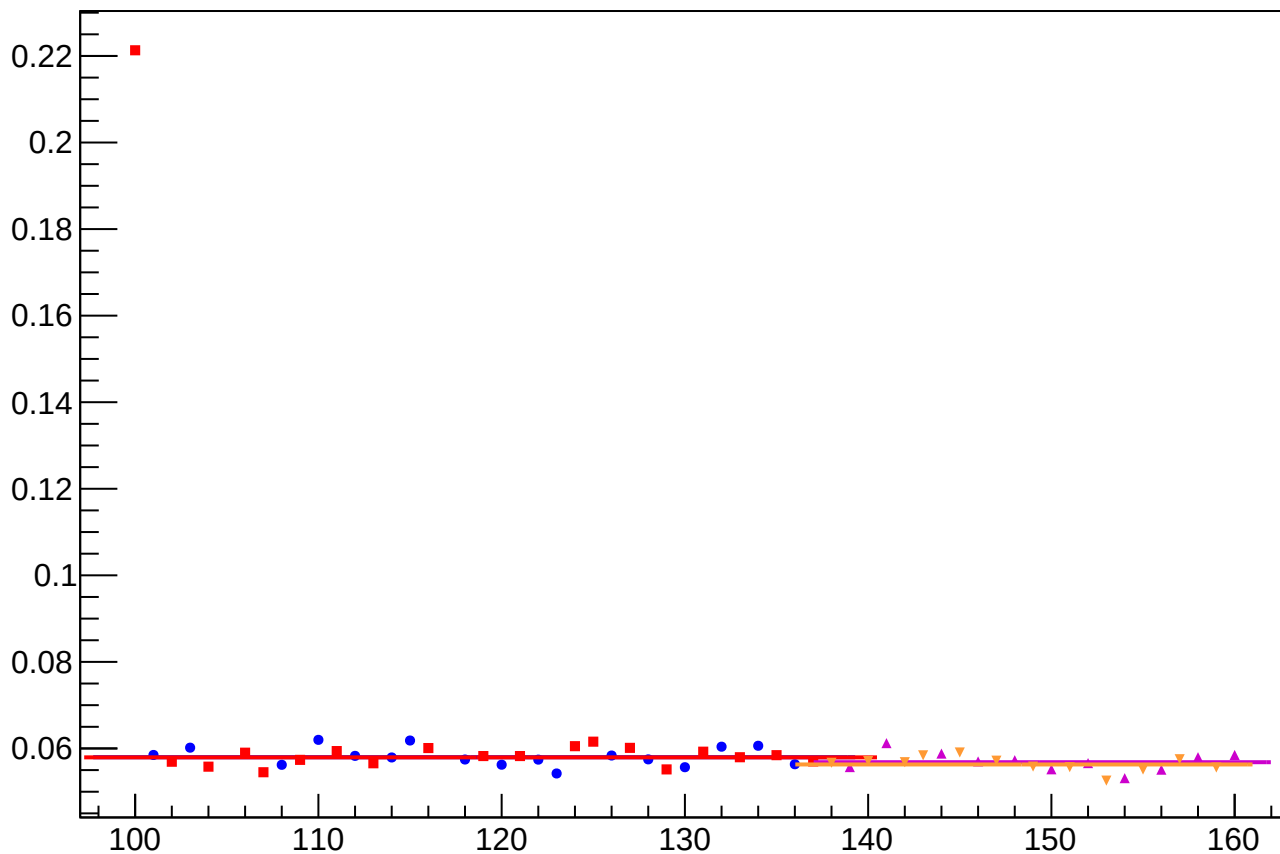
Left Out: -69.424 $\pm$ 0.000 χ^2 /NDF: 20231578.0/11

Right Out: -74.547 $\pm$ 0.000 χ^2 /NDF: 371890102737.4/18

-71.621 $\pm$ 0.000 χ^2 /NDF: 402672112361.2/29

Left In: -69.396 $\pm$ 0.000 χ^2 /NDF: 7546841.4/10

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.056+/-0.000 χ^2/NDF :15431.2/11

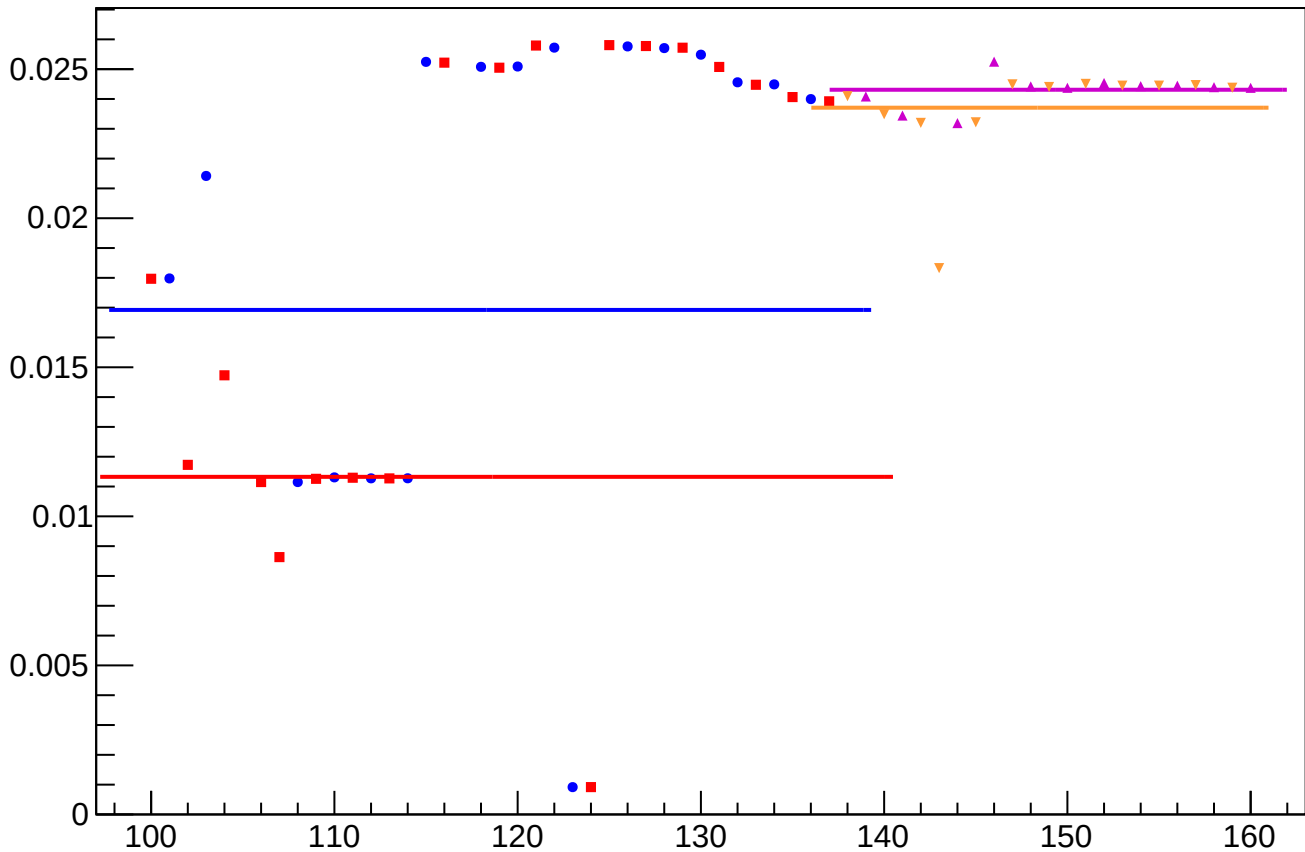
Right Out: 0.058+/-0.000 χ^2/NDF : 86466.5/18

Left In: 0.057+/-0.000 χ^2/NDF :23786.7/10

0.057+/-0.000 χ^2/NDF : 33986.3/28

0.057+/-0.000 χ^2/NDF : 113159.1/29

yield_atl1_mean vs Slug



Right In: 0.017 $\pm$ 0.000 χ^2/NDF : 126447785006.7/16

Left Out: 0.024 $\pm$ 0.000 χ^2/NDF : 4931190462.7/11

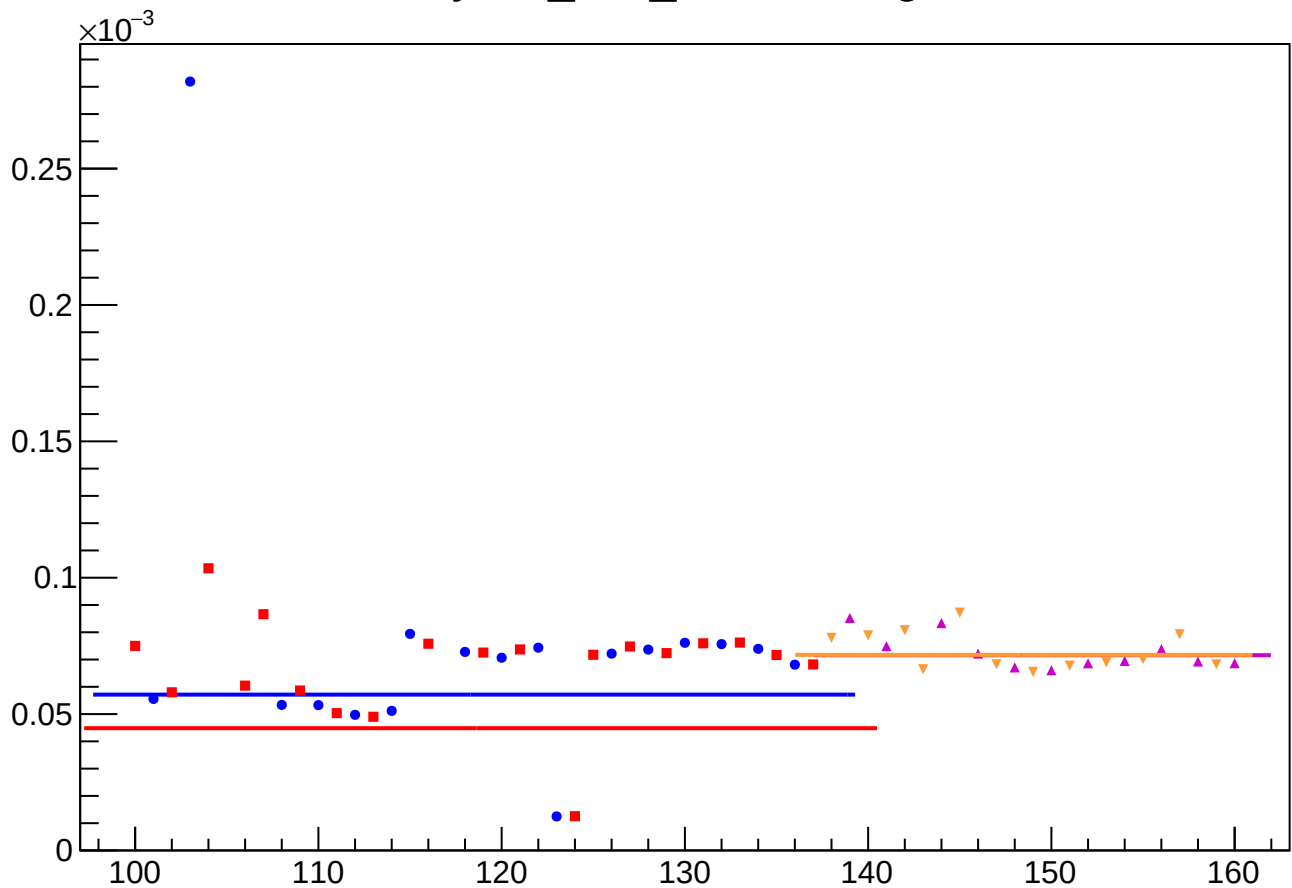
0.020 $\pm$ 0.000 χ^2/NDF : 170058192793.0/28

Right Out: 0.011 $\pm$ 0.000 χ^2/NDF : 234754769754.2/18

0.017 $\pm$ 0.000 χ^2/NDF : 403451397305.2/29

Left In: 0.024 $\pm$ 0.000 χ^2/NDF : 416479665.6/10

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2000446.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 130461.2/11

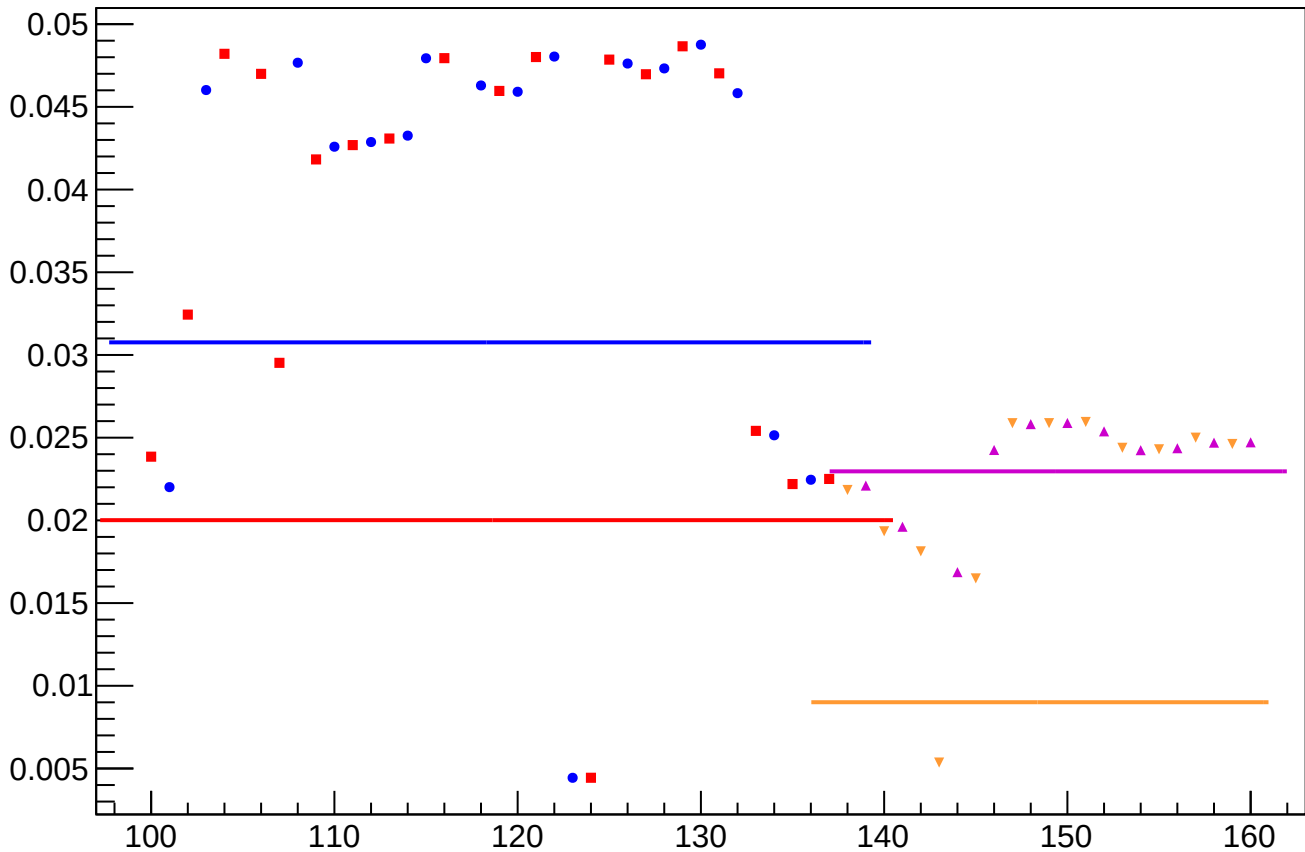
Right Out: 0.000+/-0.000 χ^2/NDF : 3592224.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 102533.7/10

0.000+/-0.000 χ^2/NDF : 2488128.0/28

0.000+/-0.000 χ^2/NDF : 5124703.8/29

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 23096749798.2/11

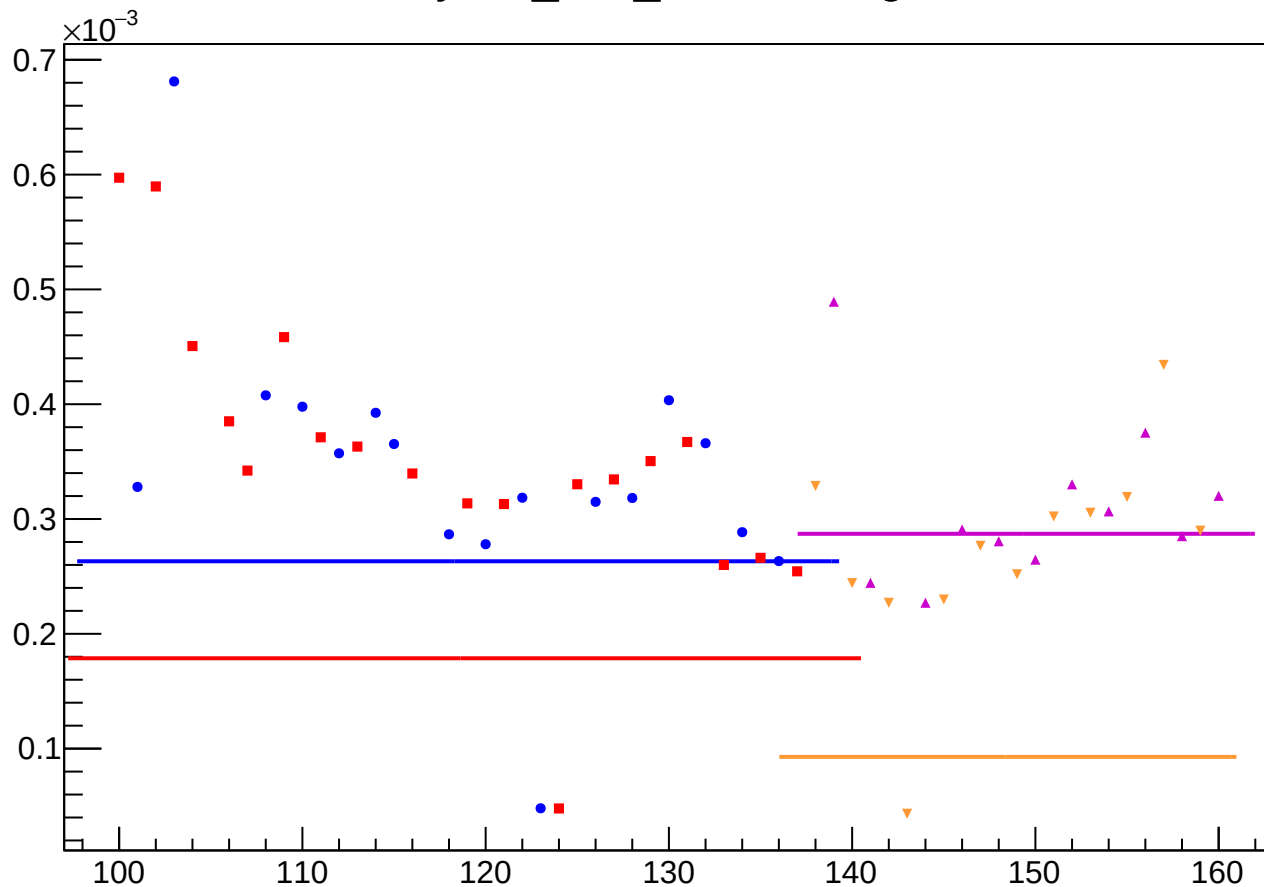
Right Out: 0.020+/-0.000 χ^2/NDF : 40011334157.0/18

Left In: 0.023+/-0.000 χ^2/NDF : 1002660078.8/10

0.012+/-0.000 χ^2/NDF : 73152386474.9/28

0.021+/-0.000 χ^2/NDF : 41475283144.2/29

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2401048.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 8474256.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 5341022.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 529609.2/10

0.000+/-0.000 χ^2/NDF : 14417885.2/28

0.000+/-0.000 χ^2/NDF : 7116423.1/29

yield_atr1_mean vs Slug



Right In: 0.030 $\pm$ 0.000 χ^2/NDF : 97152184939.3/16

Left Out: 0.039 $\pm$ 0.000 χ^2/NDF : 335303796.1/11

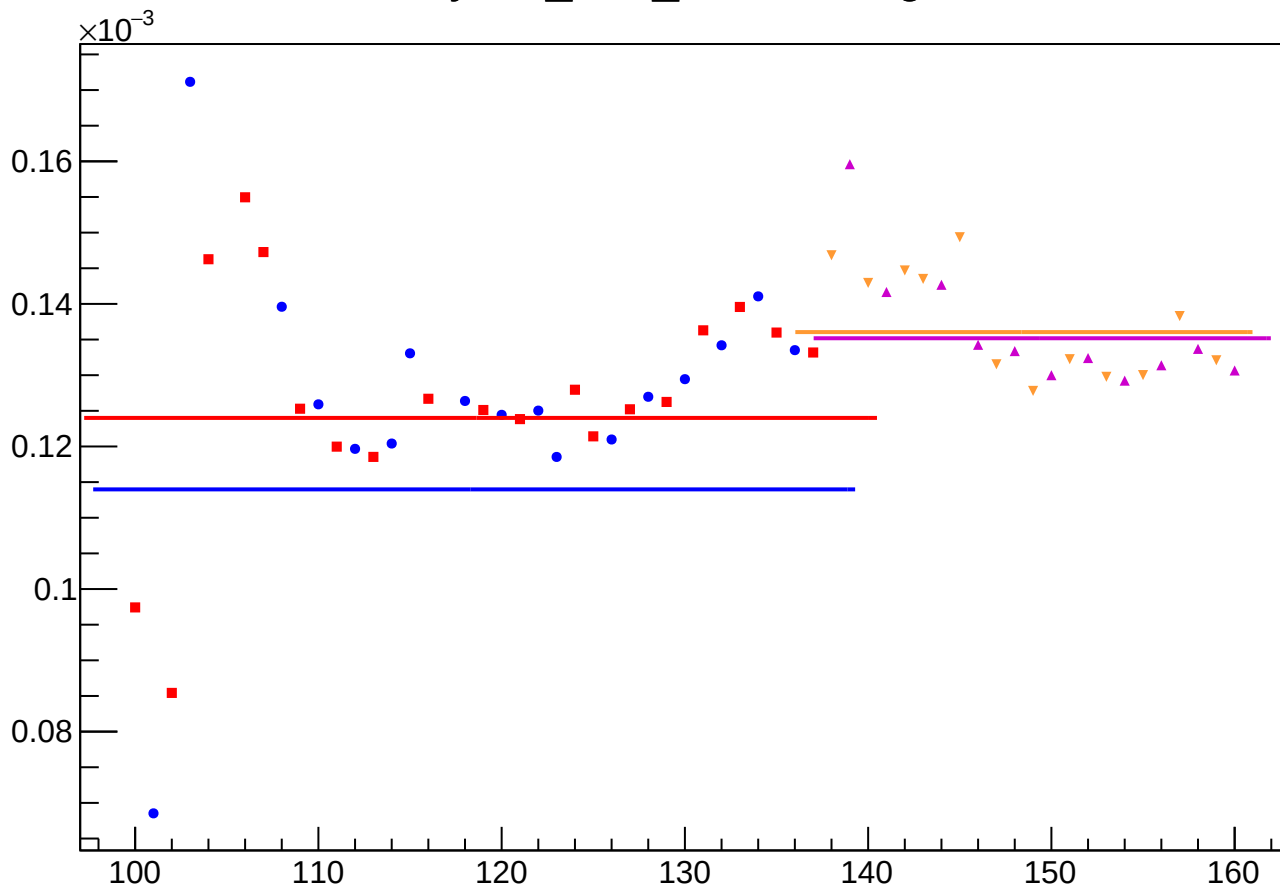
Right Out: 0.035 $\pm$ 0.000 χ^2/NDF : 43669374279.3/18

Left In: 0.039 $\pm$ 0.000 χ^2/NDF : 272690232.4/10

0.034 $\pm$ 0.000 χ^2/NDF : 116971269010.4/28

0.037 $\pm$ 0.000 χ^2/NDF : 48365517749.6/29

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 794542.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 47690.6/11

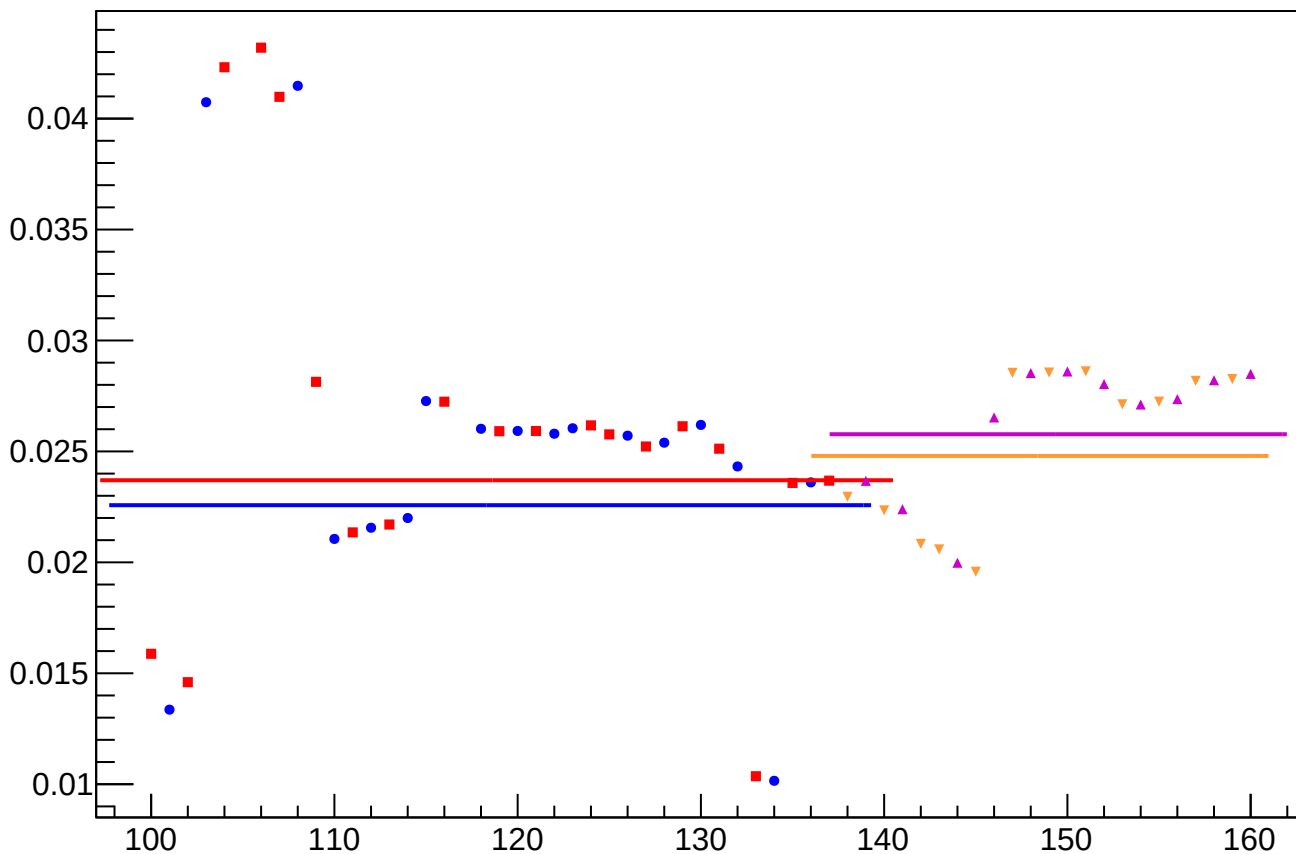
Right Out: 0.000+/-0.000 χ^2/NDF : 245154.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 52009.6/10

0.000+/-0.000 χ^2/NDF : 1071392.5/28

0.000+/-0.000 χ^2/NDF : 353875.6/29

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.025+/-0.000 χ^2/NDF : 1452675216.9/11

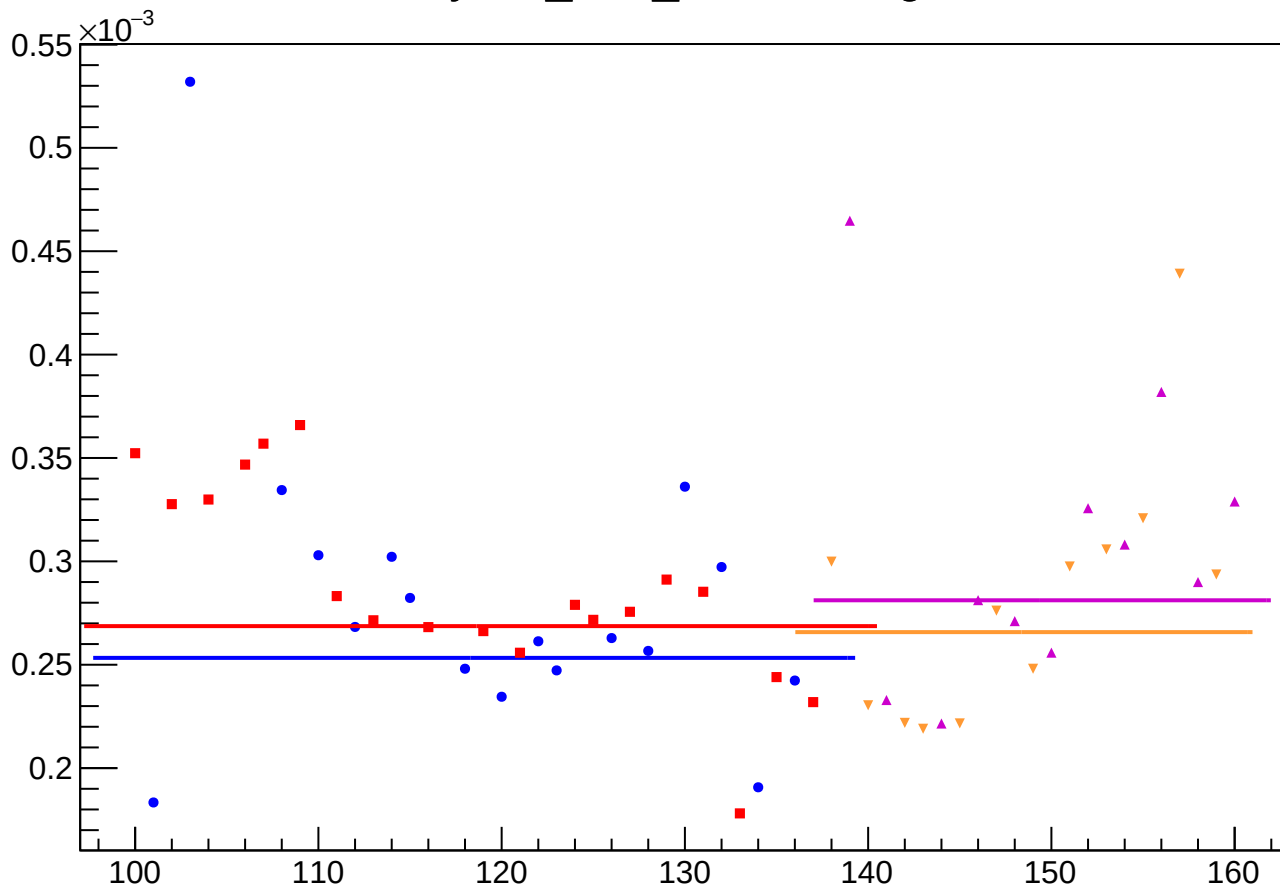
Right Out: 0.024+/-0.000 χ^2/NDF : 5651397656.1/18

Left In: 0.026+/-0.000 χ^2/NDF : 1057125616.5/10

0.024+/-0.000 χ^2/NDF : 5944032540.2/28

0.025+/-0.000 χ^2/NDF : 6907293857.4/29

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 629159.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 478943.5/11

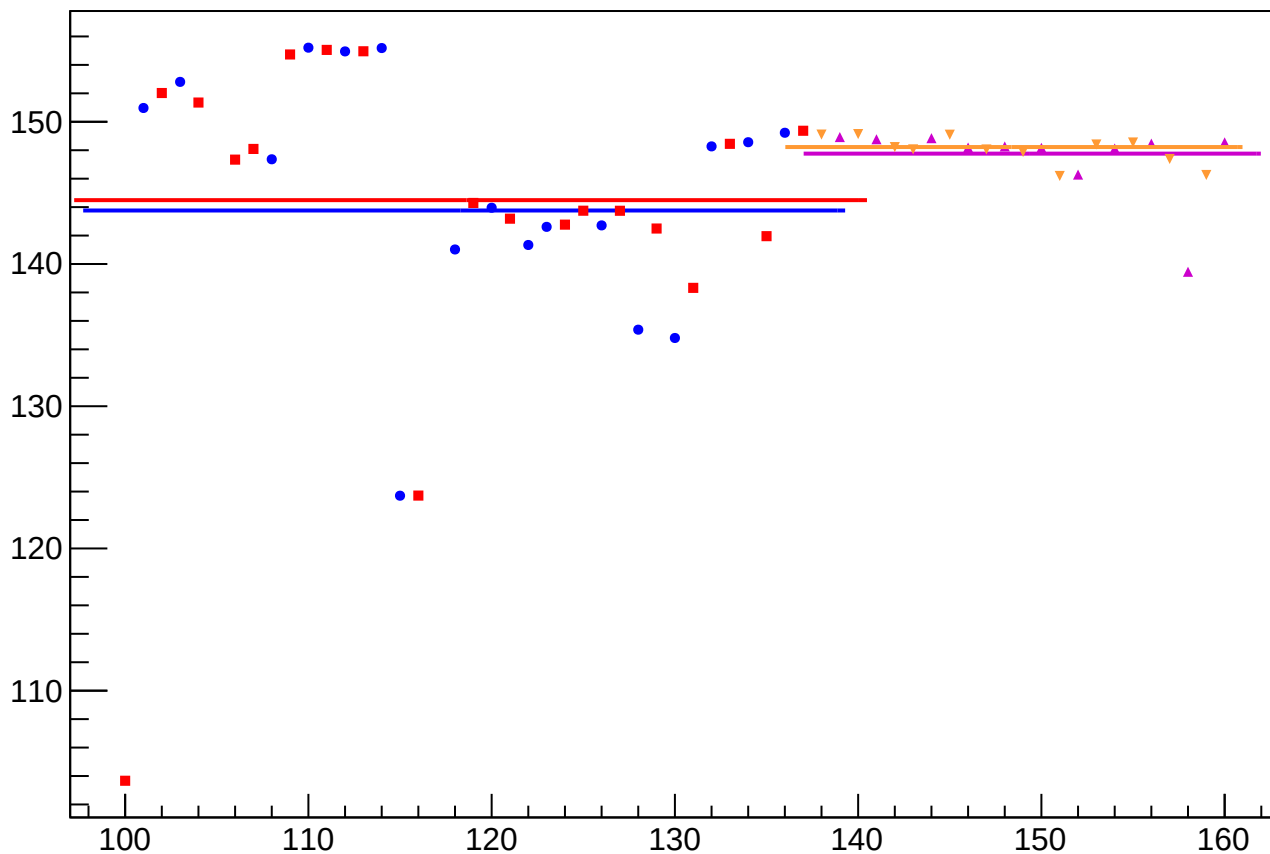
Right Out: 0.000+/-0.000 χ^2/NDF : 428329.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 583308.0/10

0.000+/-0.000 χ^2/NDF : 1123437.6/28

0.000+/-0.000 χ^2/NDF : 1026071.5/29

yield_bcm_an_ds_mean vs Slug



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

Left Out: 148.224+/-0.000 χ^2/NDF : 50372786.9/11

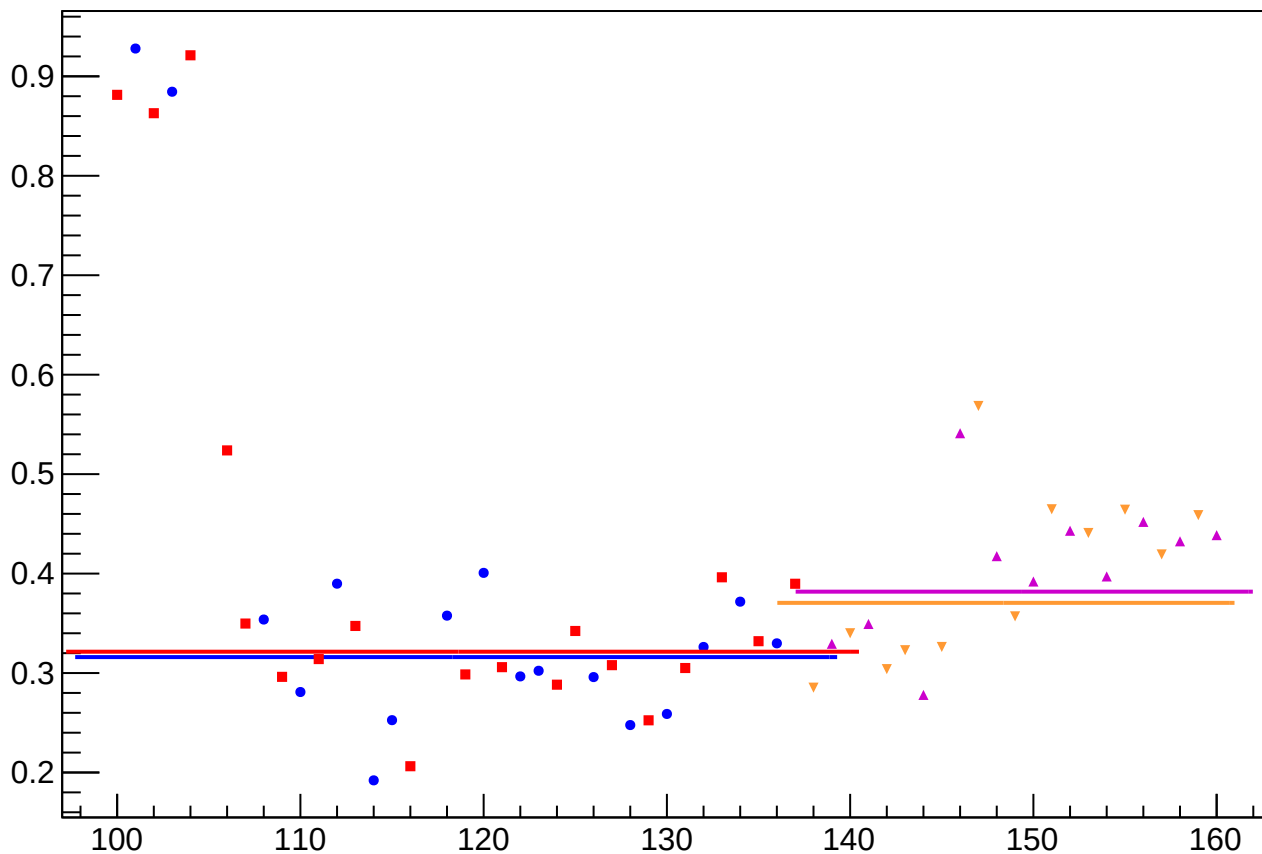
Right Out: 144.490+/-0.000 χ^2/NDF : 4182548232.5/18

Left In: 147.761+/-0.000 χ^2/NDF : 321190365.7/10

146.078+/-0.000 χ^2/NDF : 4159540754.9/28

146.134+/-0.000 χ^2/NDF : 4808470150.8/29

yield_bcm_an_ds_rms vs Slug



Right In: 0.316 ± 0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.371 ± 0.000 χ^2/NDF : 655127.2/11

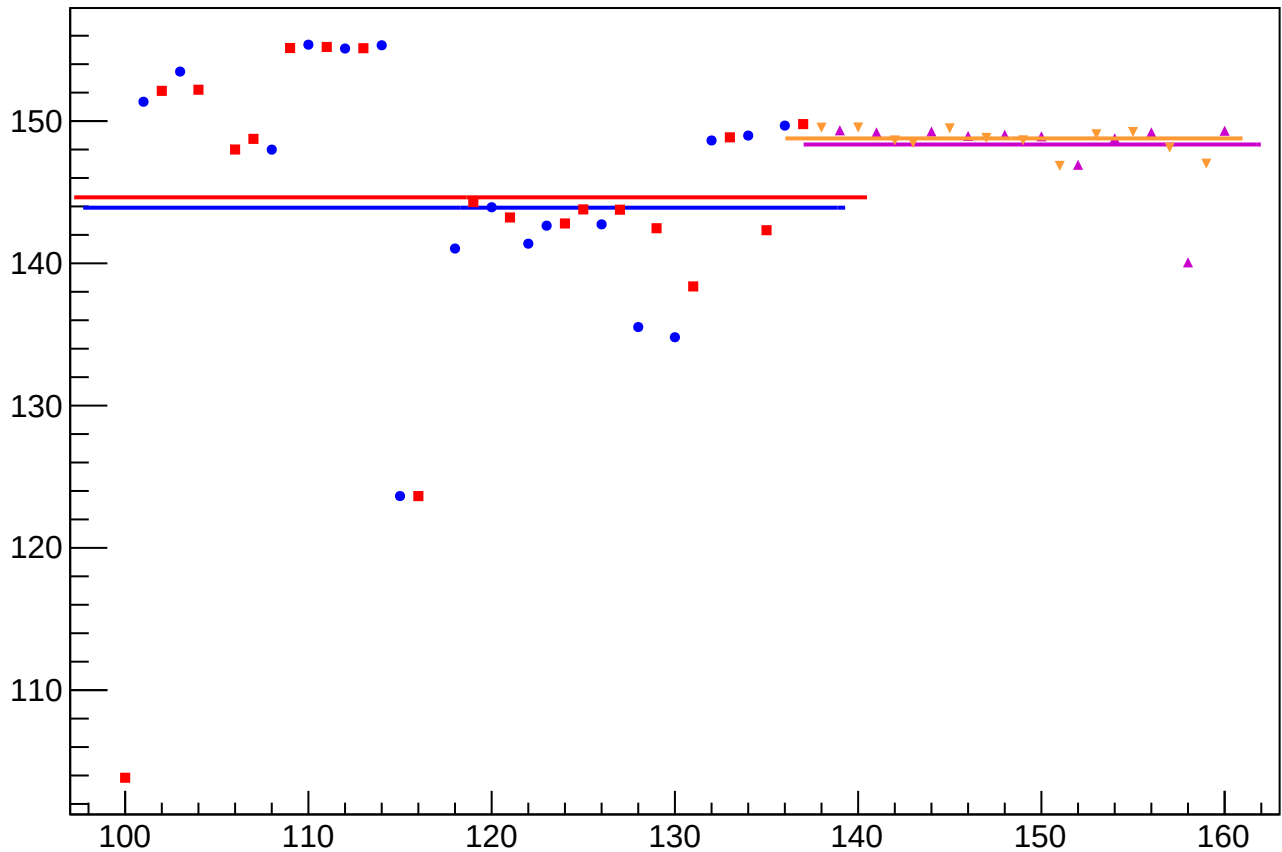
Right Out: 0.321 ± 0.000 χ^2/NDF : 1219073.9/18

Left In: 0.382 ± 0.000 χ^2/NDF : 545917.8/10

0.344 ± 0.000 χ^2/NDF : 2092795.5/28

0.352 ± 0.000 χ^2/NDF : 1972660.4/29

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 $\pm$ 0.000 χ^2 /NDF: 3587769790.2/16

Left Out: 148.780 $\pm$ 0.000 χ^2 /NDF: 39658163.0/11

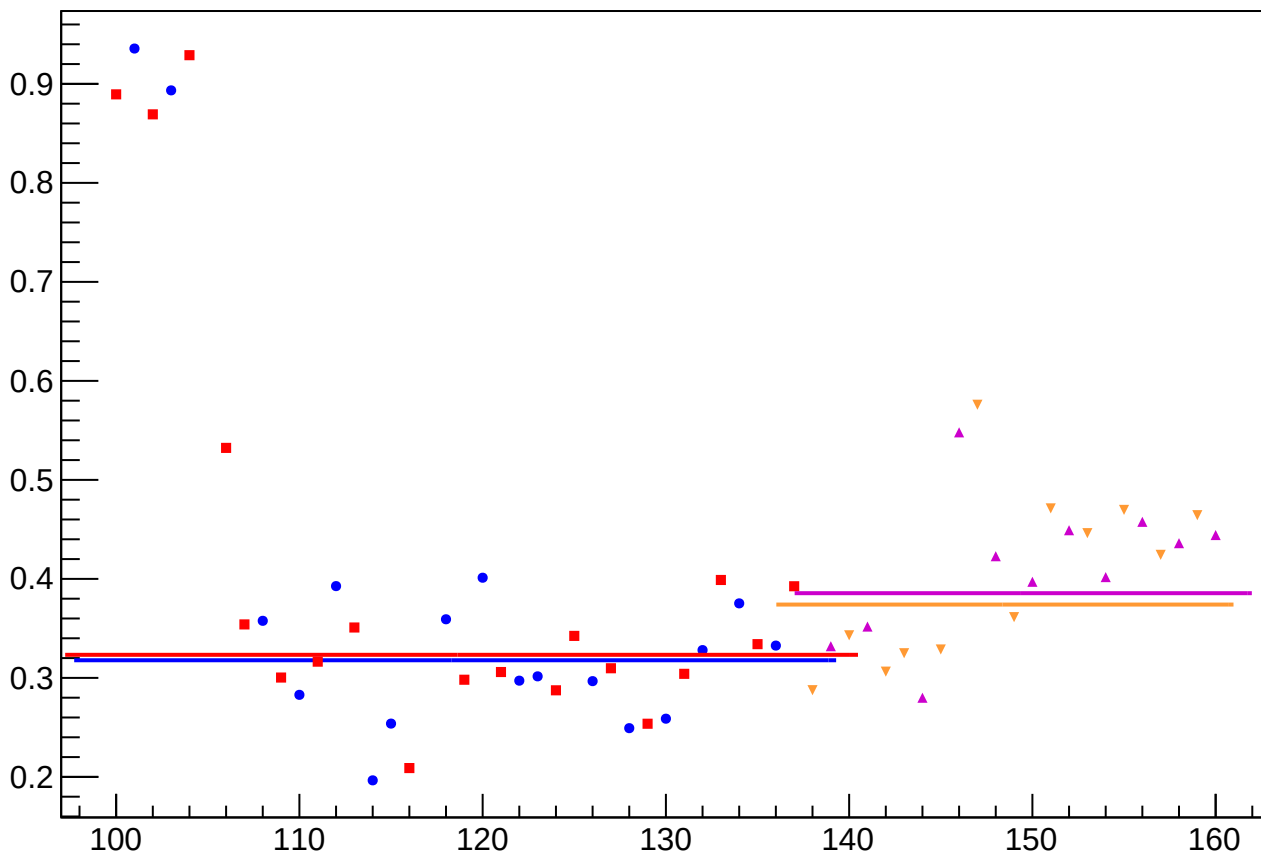
Right Out: 144.640 $\pm$ 0.000 χ^2 /NDF: 4209610240.4/18

Left In: 148.354 $\pm$ 0.000 χ^2 /NDF: 310307747.5/10

146.429 $\pm$ 0.000 χ^2 /NDF: 4301149194.2/28

146.499 $\pm$ 0.000 χ^2 /NDF: 4906506137.6/29

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318 ± 0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.374 ± 0.000 χ^2/NDF : 668349.4/11

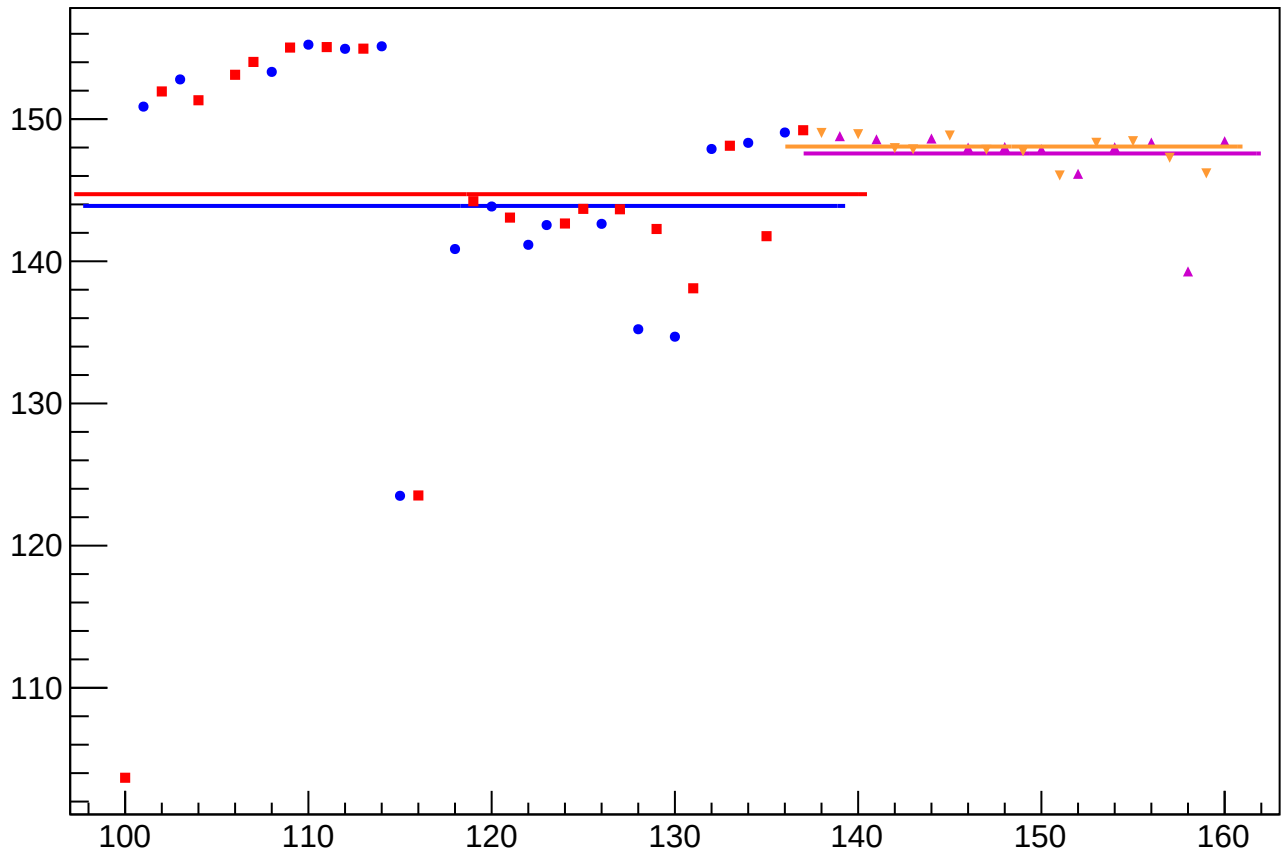
Right Out: 0.323 ± 0.000 χ^2/NDF : 1222241.9/18

Left In: 0.386 ± 0.000 χ^2/NDF : 558760.6/10

0.347 ± 0.000 χ^2/NDF : 2116551.8/28

0.354 ± 0.000 χ^2/NDF : 1998256.3/29

yield_bcm_an_us_mean vs Slug



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

Left Out: 148.070+/-0.000 χ^2/NDF : 48643618.8/11

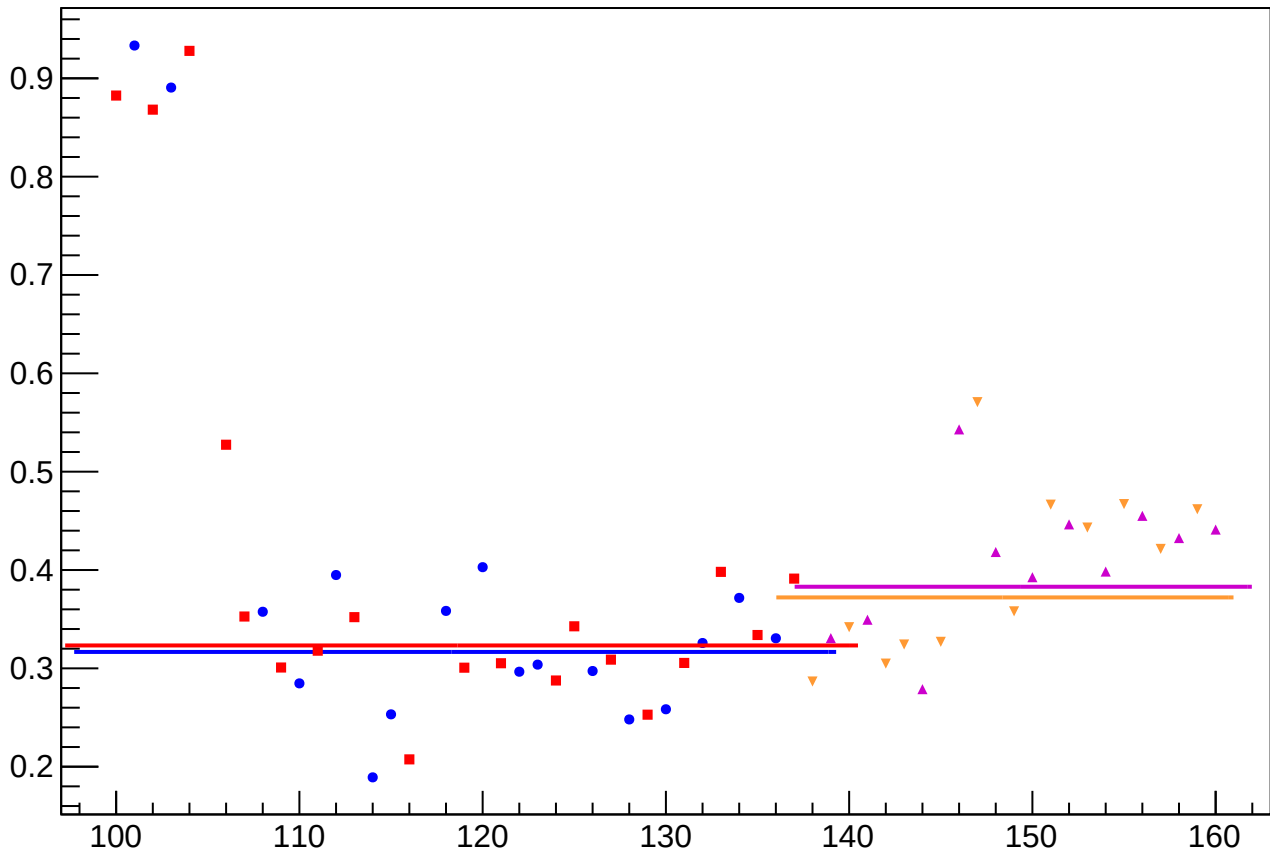
Right Out: 144.719+/-0.000 χ^2/NDF : 4473225884.5/18

Left In: 147.582+/-0.000 χ^2/NDF : 319824266.1/10

146.059+/-0.000 χ^2/NDF : 4301173104.9/28

146.162+/-0.000 χ^2/NDF : 5024562038.1/29

yield_bcm_an_us_rms vs Slug



Right In: 0.317 $\pm$ 0.000 χ^2 /NDF: 1280358.6/16

Left Out: 0.372 $\pm$ 0.000 χ^2 /NDF: 658265.4/11

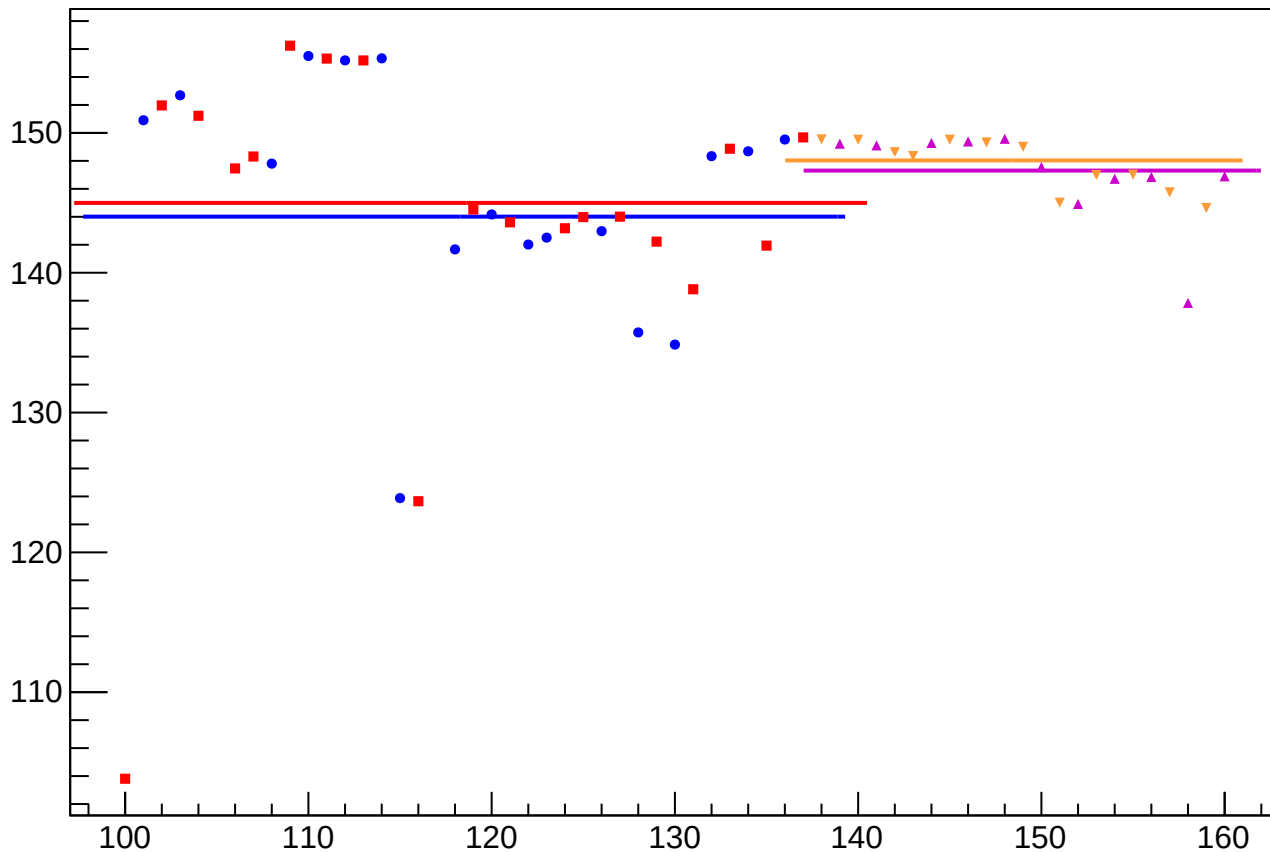
Right Out: 0.323 $\pm$ 0.000 χ^2 /NDF: 1222784.7/18

Left In: 0.383 $\pm$ 0.000 χ^2 /NDF: 549728.6/10

0.345 $\pm$ 0.000 χ^2 /NDF: 2114738.2/28

0.353 $\pm$ 0.000 χ^2 /NDF: 1973787.3/29

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 ± 0.000 χ^2/NDF : 3241696920.3/16

Left Out: 148.033 ± 0.000 χ^2/NDF : 155450819.8/11

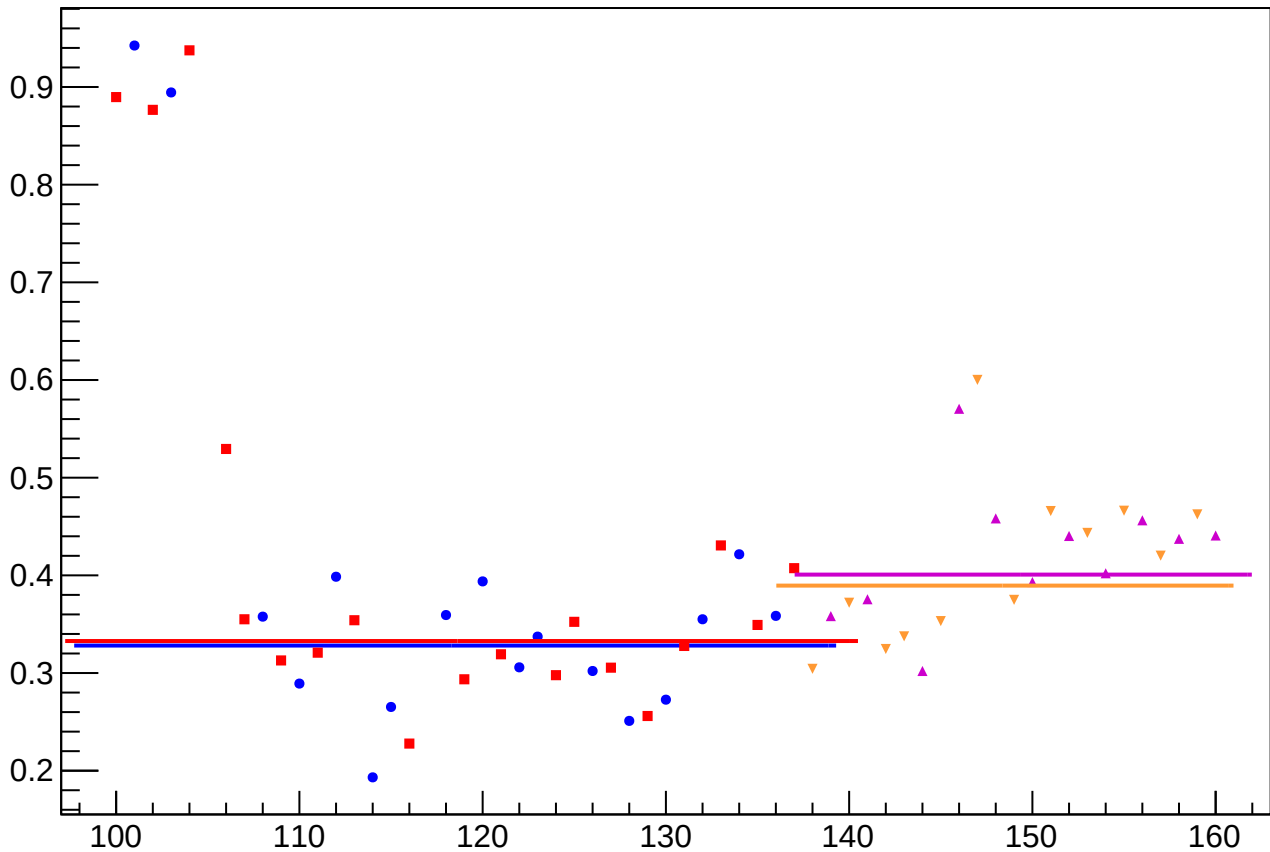
Right Out: 144.994 ± 0.000 χ^2/NDF : 3852381452.1/18

Left In: 147.306 ± 0.000 χ^2/NDF : 480502867.1/10

146.082 ± 0.000 χ^2/NDF : 3824197971.8/28

146.144 ± 0.000 χ^2/NDF : 4473410598.5/29

yield_bcm_dg_us_rms vs Slug



Right In: 0.328+/-0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.390+/-0.000 χ^2/NDF : 524785.8/11

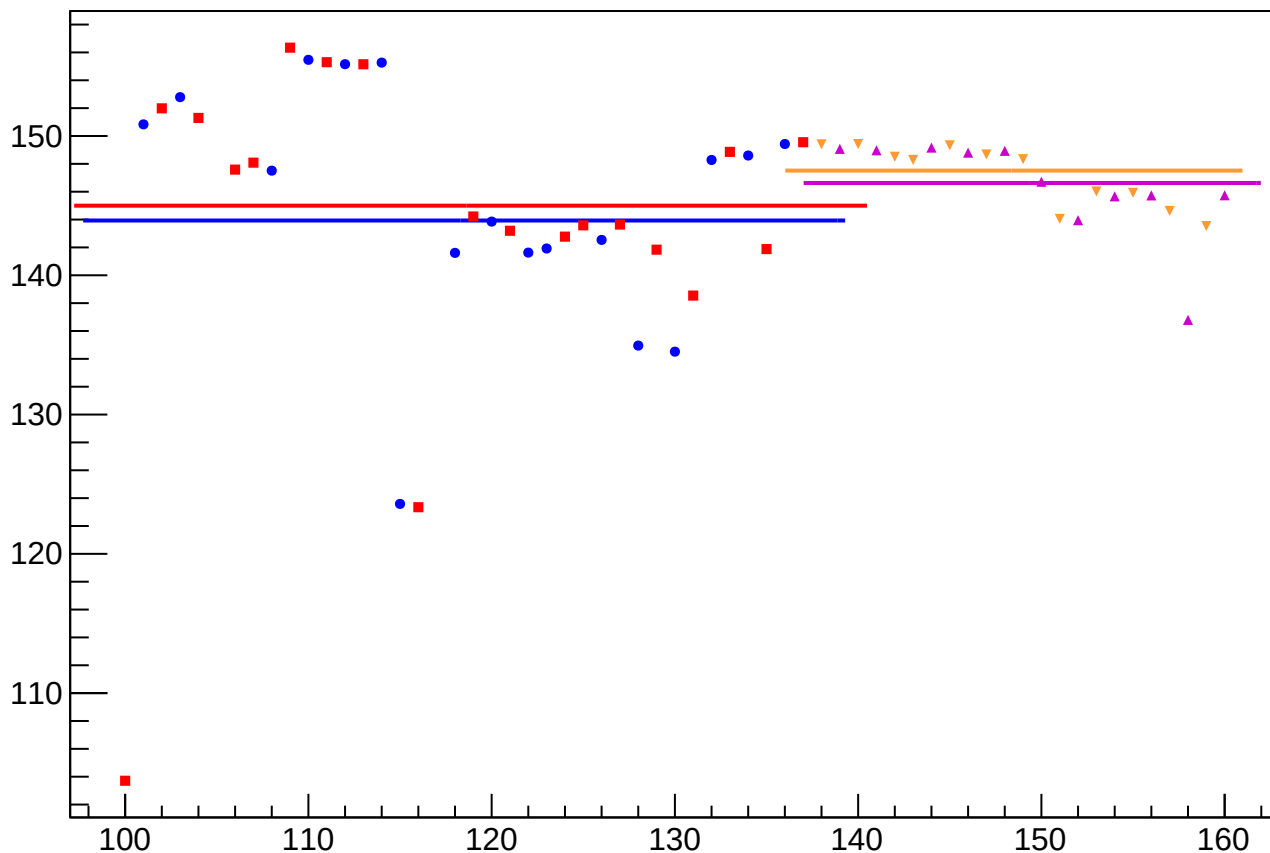
Right Out: 0.333+/-0.000 χ^2/NDF : 1185129.6/18

Left In: 0.401+/-0.000 χ^2/NDF : 424205.6/10

0.360+/-0.000 χ^2/NDF : 1989725.7/28

0.367+/-0.000 χ^2/NDF : 1852259.2/29

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932 ± 0.000 χ^2/NDF : 3383012861.2/16

Left Out: 147.516 ± 0.000 χ^2/NDF : 230978707.3/11

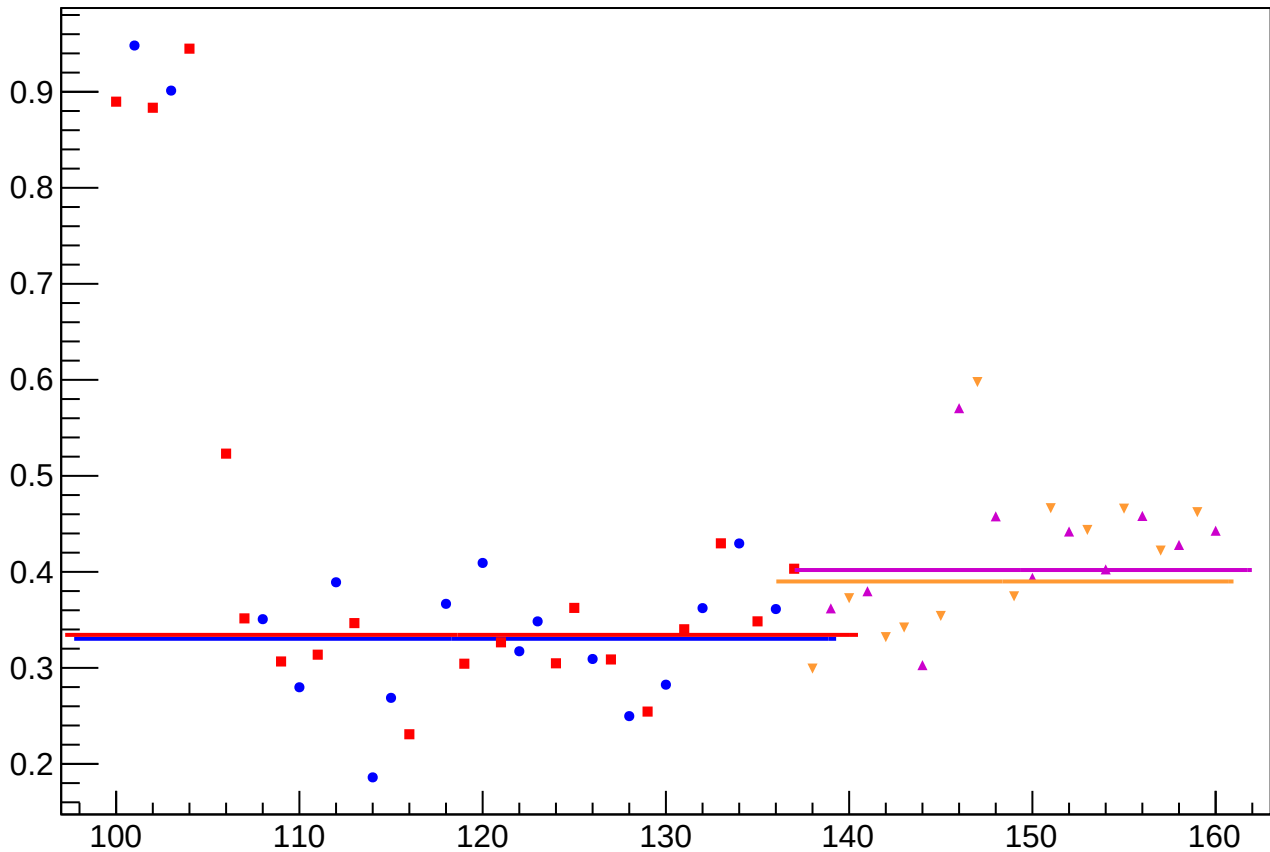
Right Out: 144.998 ± 0.000 χ^2/NDF : 3932958476.0/18

Left In: 146.627 ± 0.000 χ^2/NDF : 584562483.9/10

145.789 ± 0.000 χ^2/NDF : 3949578371.8/28

145.810 ± 0.000 χ^2/NDF : 4586568037.5/29

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330 $\pm$ 0.000 χ^2 /NDF: 1283955.7/16

Left Out: 0.390 $\pm$ 0.000 χ^2 /NDF: 524555.0/11

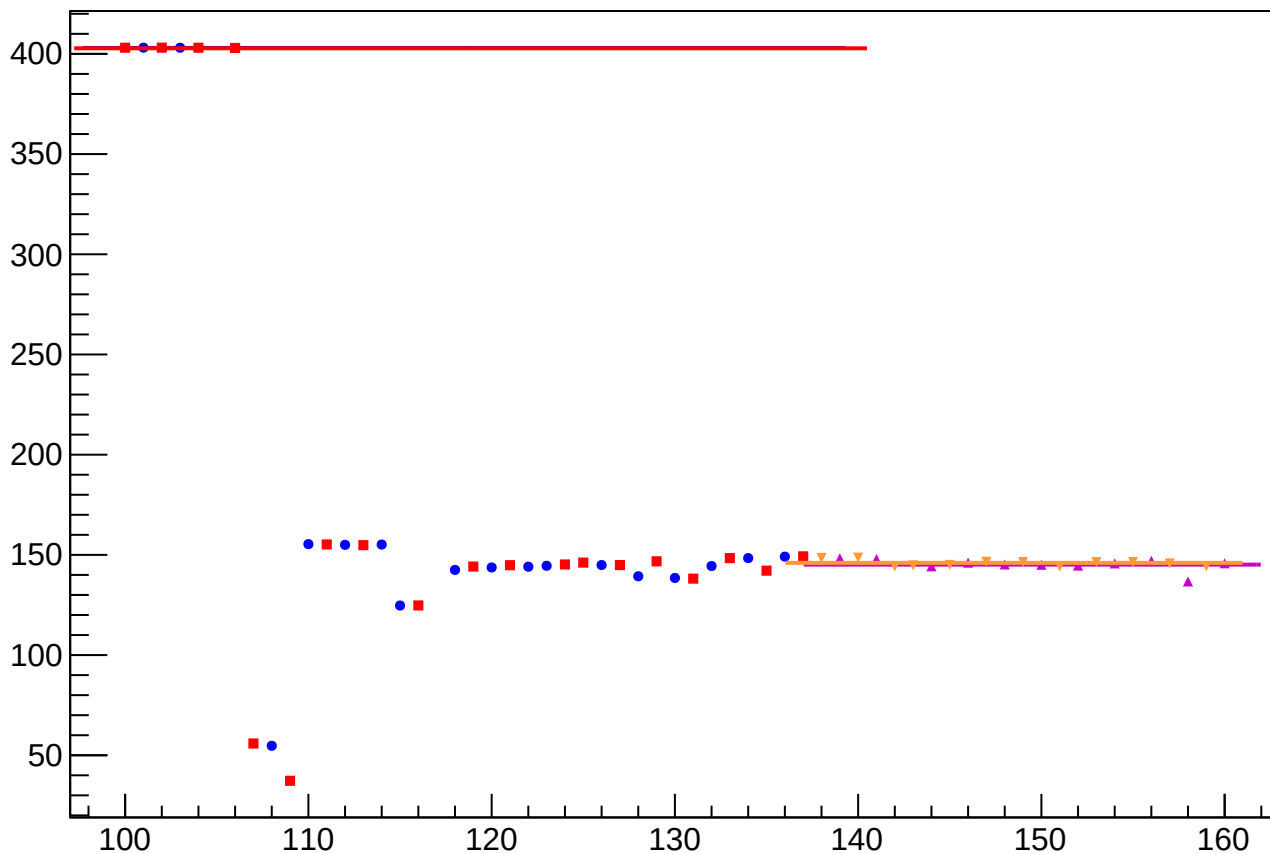
Right Out: 0.334 $\pm$ 0.000 χ^2 /NDF: 1174012.0/18

Left In: 0.402 $\pm$ 0.000 χ^2 /NDF: 411314.0/10

0.361 $\pm$ 0.000 χ^2 /NDF: 1994798.4/28

0.368 $\pm$ 0.000 χ^2 /NDF: 1822785.1/29

yield_cav4bQ_mean vs Slug



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 146.022+/-0.000 χ^2/NDF : 35089640.6/11

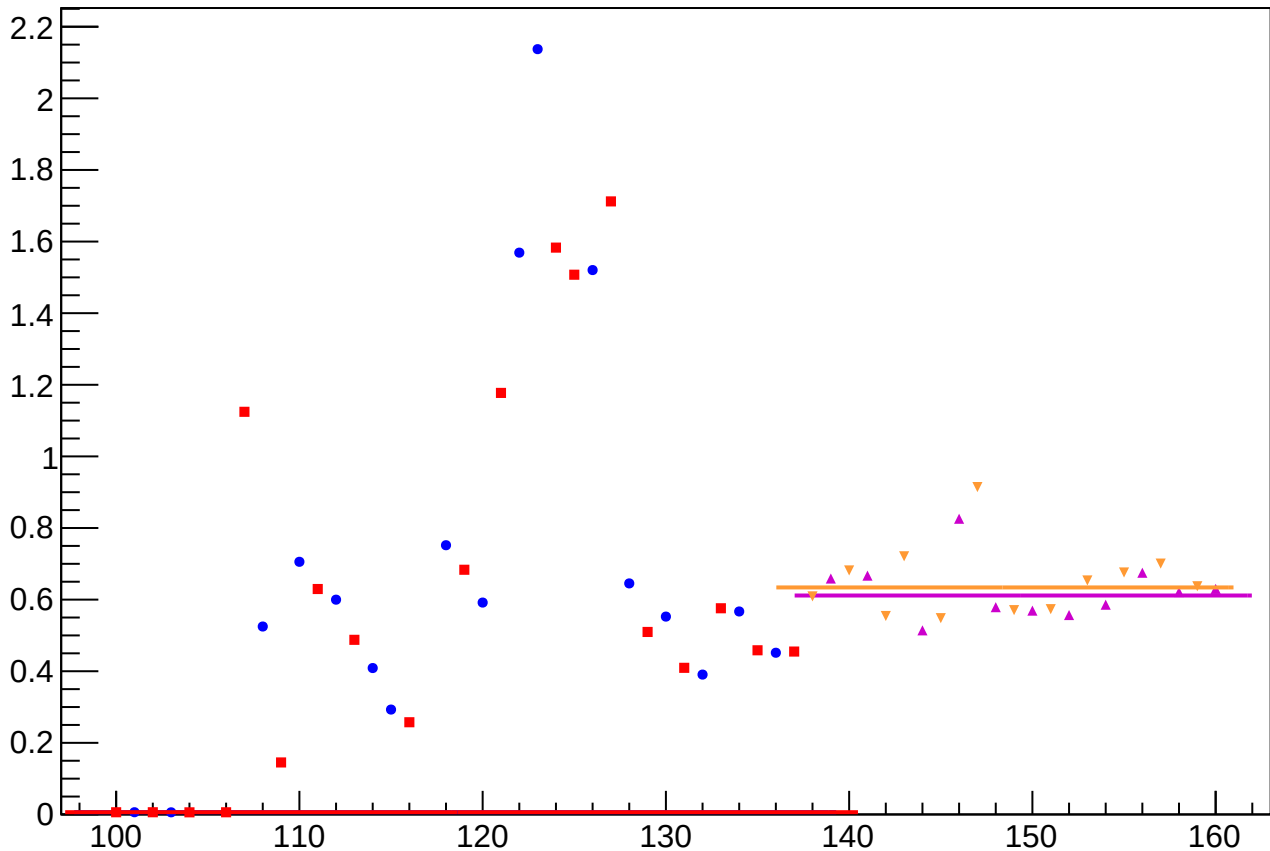
Right Out: 402.799+/-0.000 χ^2/NDF : 3102036567767.5/18

Left In: 145.131+/-0.000 χ^2/NDF : 126448317.1/10

402.839+/-0.000 χ^2/NDF : 2046674075477.2/28

402.684+/-0.000 χ^2/NDF : 4141749237547.6/29

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.634+/-0.000 χ^2/NDF :184296.1/11

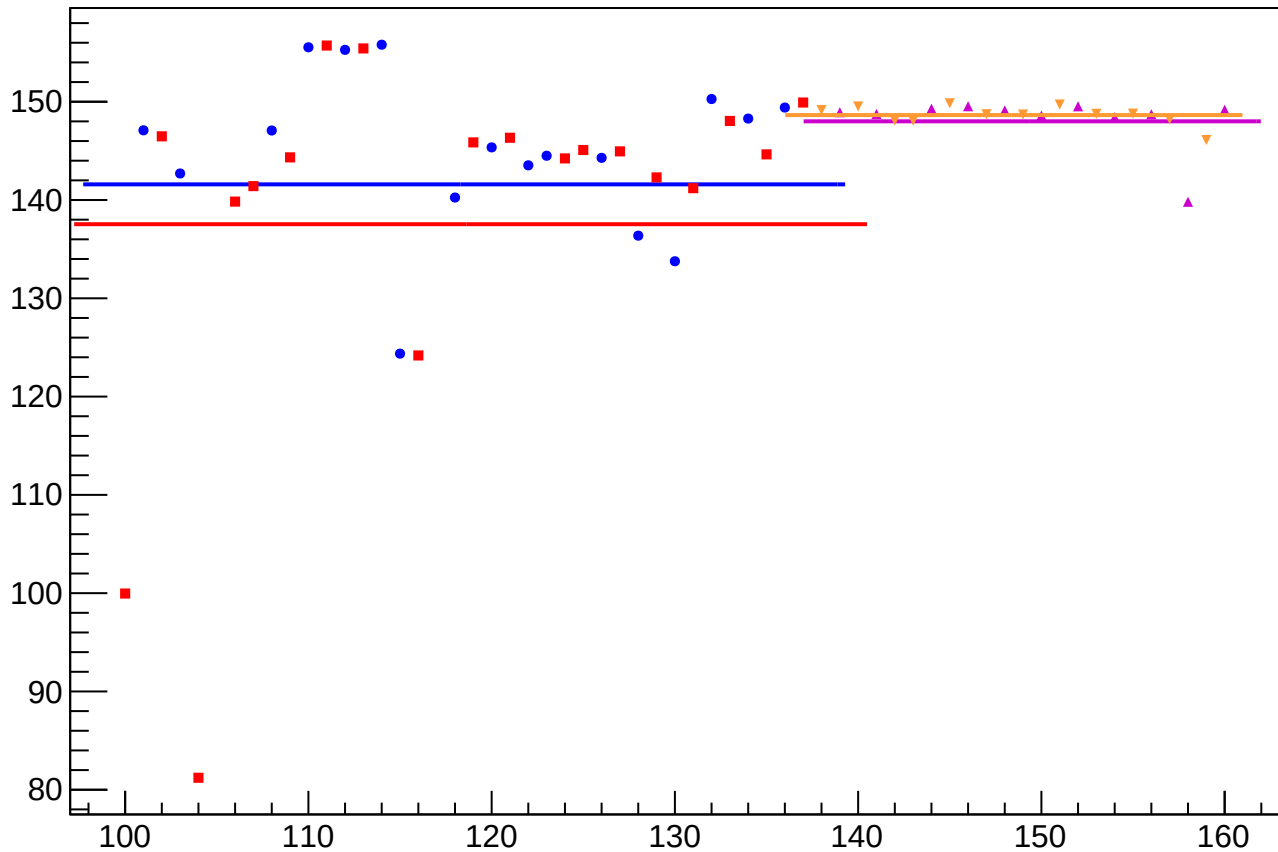
0.007+/-0.000 χ^2/NDF : 20630353.0/28

Right Out: 0.006+/-0.000 χ^2/NDF : 9193355.5/18

0.007+/-0.000 χ^2/NDF : 20816355.7/29

Left In: 0.611+/-0.000 χ^2/NDF :154292.2/10

yield_cav4cQ_mean vs Slug



Right In: 141.593 $\pm$ 0.000 χ^2 /NDF: 980101868.2/16

Left Out: 148.642 $\pm$ 0.000 χ^2 /NDF: 28334346.2/11

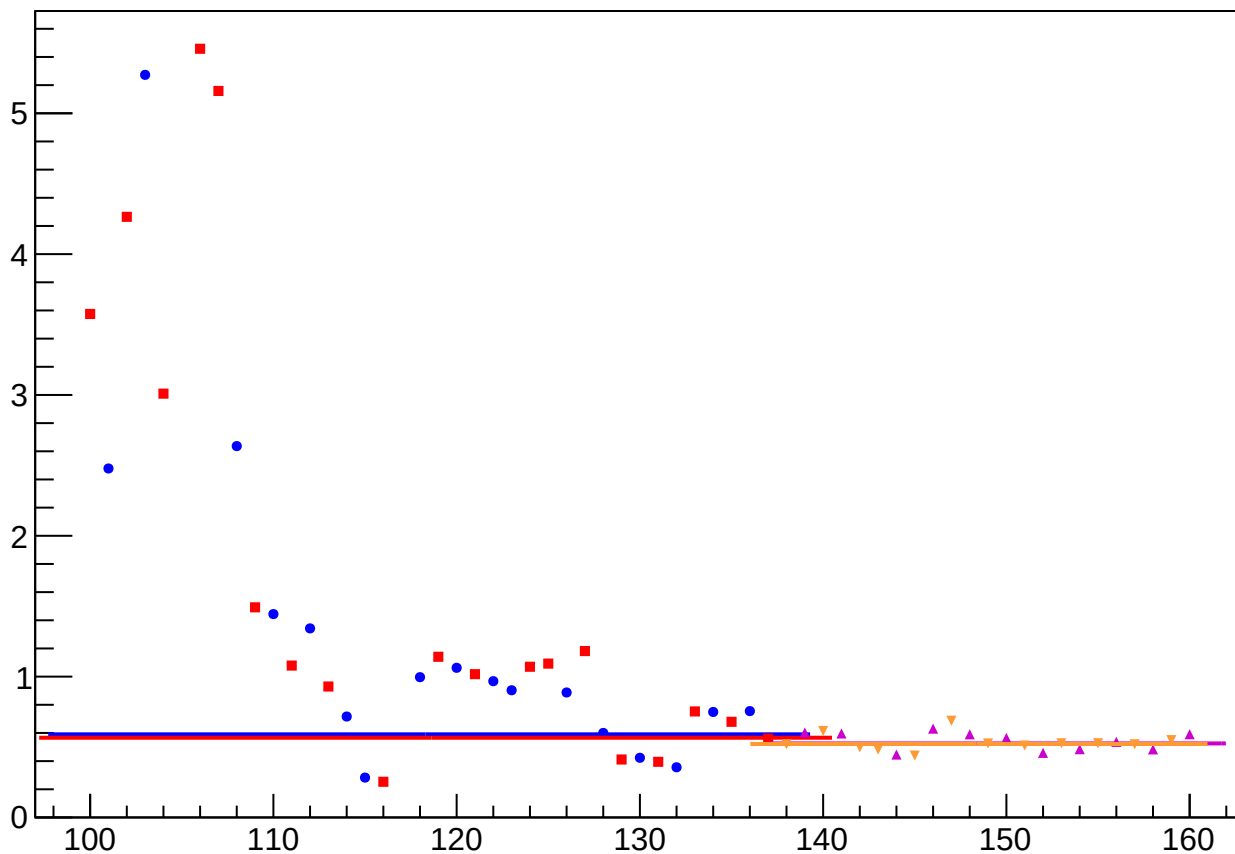
146.781 $\pm$ 0.000 χ^2 /NDF: 1377607607.4/28

Right Out: 137.539 $\pm$ 0.000 χ^2 /NDF: 1316096307.7/18

145.127 $\pm$ 0.000 χ^2 /NDF: 2396932999.3/29

Left In: 148.006 $\pm$ 0.000 χ^2 /NDF: 237184222.3/10

yield_cav4cQ_rms vs Slug



Right In: 0.590 ± 0.000 χ^2/NDF : 3491995.1/16

Left Out: 0.522 ± 0.000 χ^2/NDF : 168146.0/11

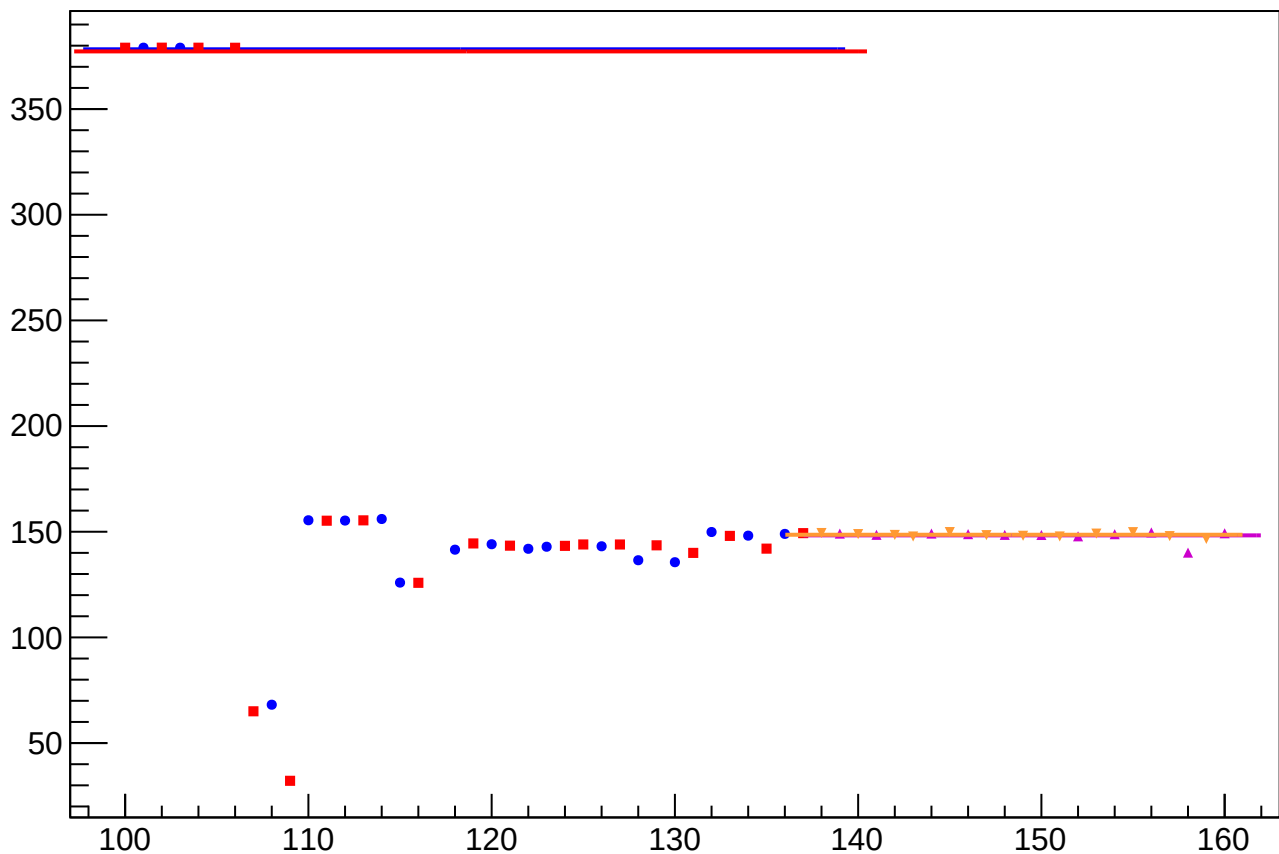
Right Out: 0.566 ± 0.000 χ^2/NDF : 4683596.4/18

Left In: 0.526 ± 0.000 χ^2/NDF : 218579.0/10

0.540 ± 0.000 χ^2/NDF : 3730080.1/28

0.537 ± 0.000 χ^2/NDF : 4927362.2/29

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 148.577+/-0.000 χ^2/NDF : 39551078.2/11

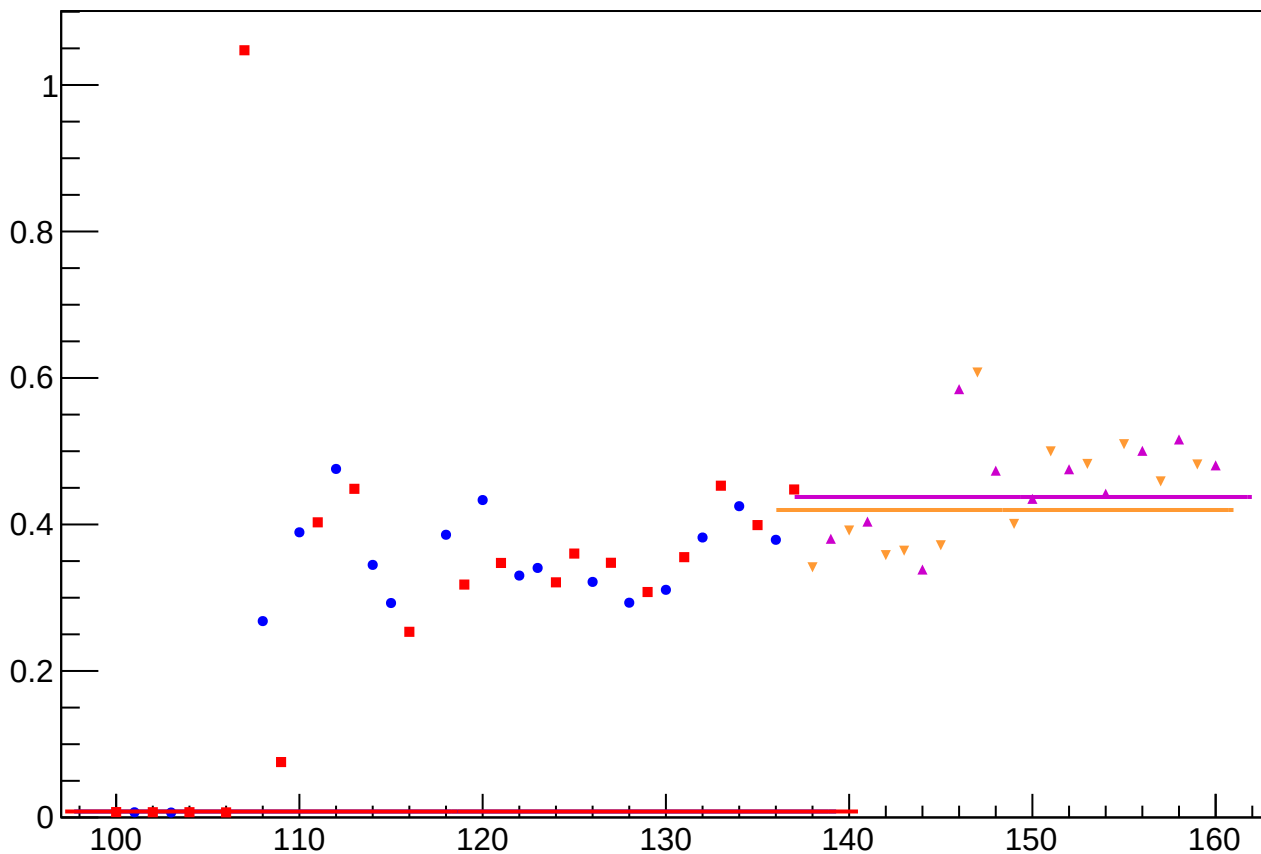
Right Out: 377.287+/-0.000 χ^2/NDF : 8286303106836.4/18

Left In: 148.284+/-0.000 χ^2/NDF : 210366754.7/10

377.465+/-0.000 χ^2/NDF : 5010085797423.0/28

376.621+/-0.000 χ^2/NDF : 10603758471722.9/28

yield_cav4dQ_rms vs Slug



Right In: 0.008 ± 0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.420 ± 0.000 χ^2/NDF : 455678.4/11

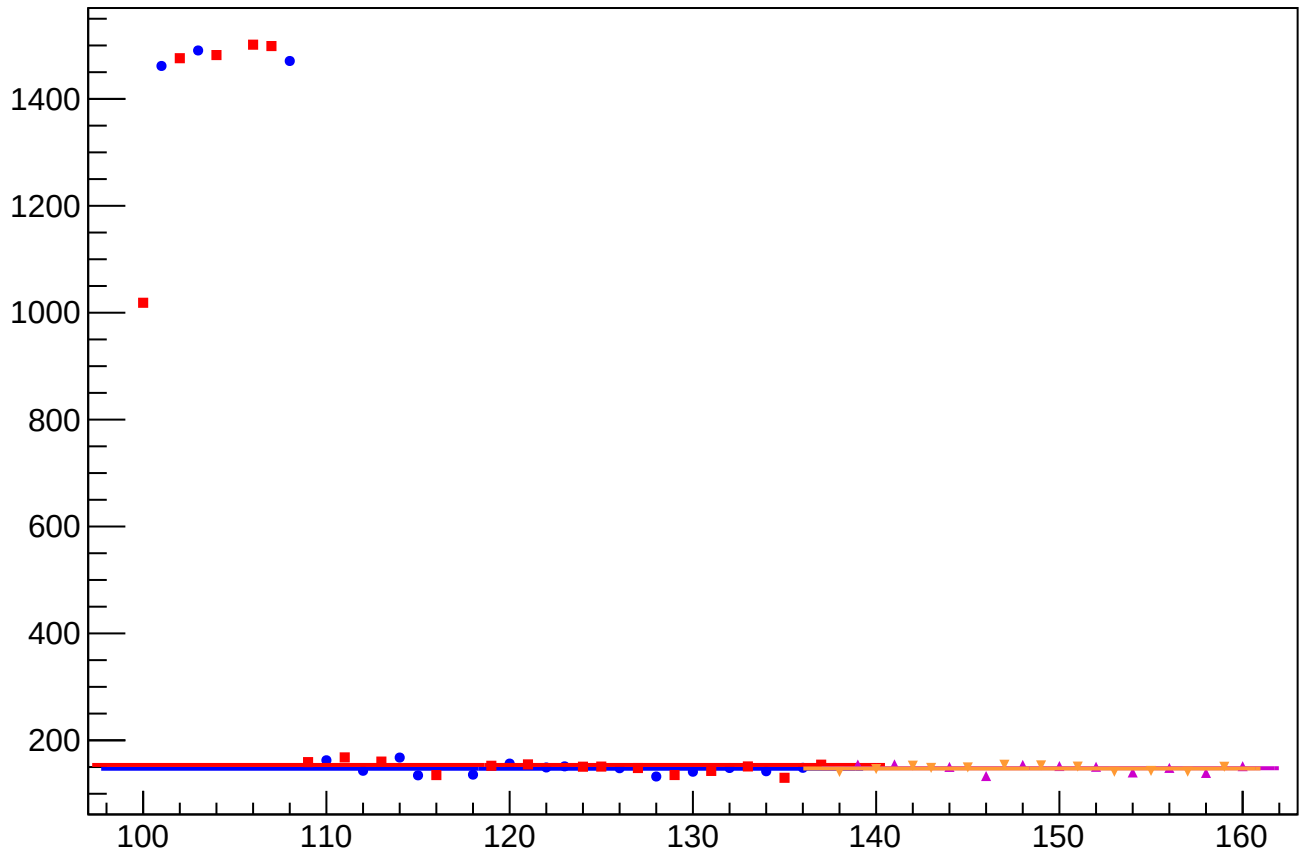
Right Out: 0.008 ± 0.000 χ^2/NDF : 9522827.2/18

Left In: 0.438 ± 0.000 χ^2/NDF : 378239.5/10

0.010 ± 0.000 χ^2/NDF : 26330865.7/28

0.009 ± 0.000 χ^2/NDF : 26194504.4/29

yield_bcm0l02_mean vs Slug



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 147.286+/-0.000 χ^2/NDF : 215532393.2/11

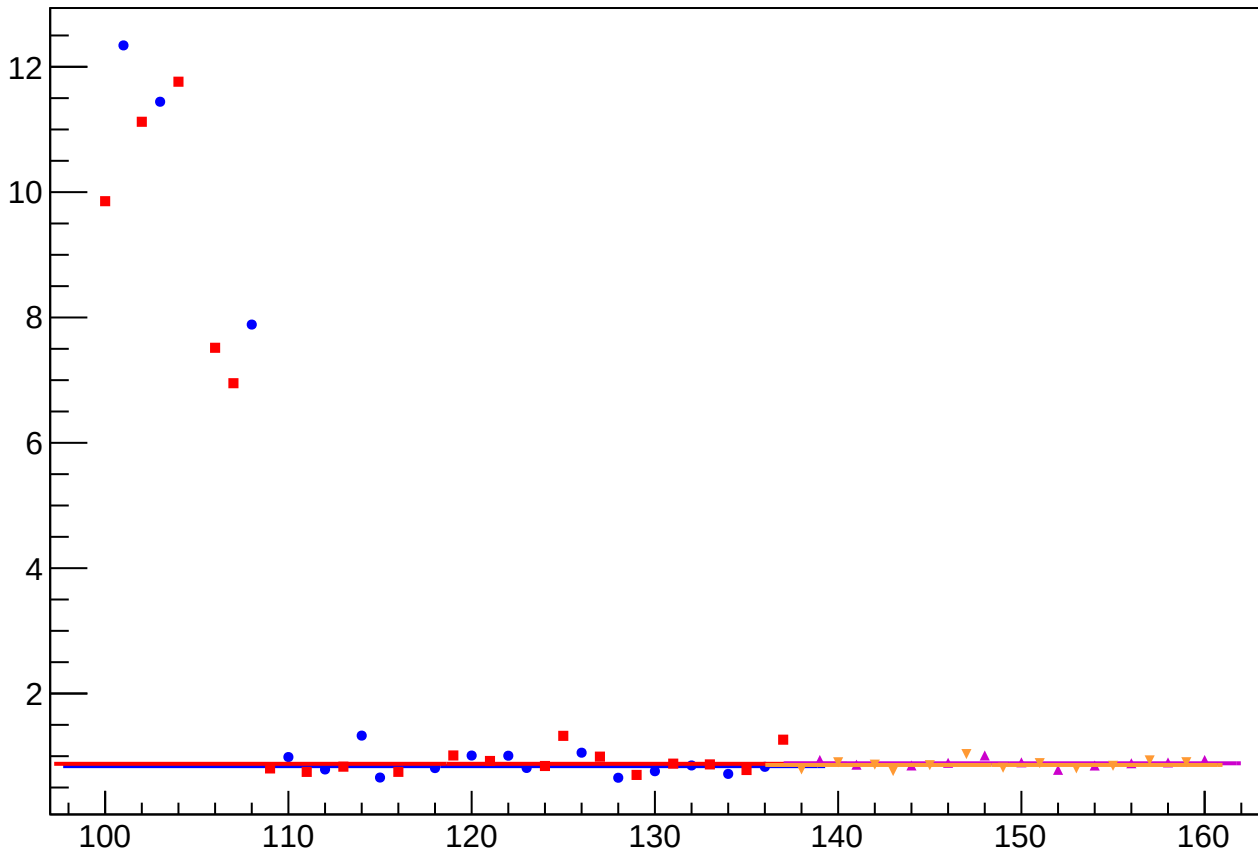
147.117+/-0.000 χ^2/NDF : 24577048754.0/28

Right Out: 153.901+/-0.000 χ^2/NDF : 33737565970.8/18

150.017+/-0.000 χ^2/NDF : 34305899807.8/29

Left In: 147.771+/-0.000 χ^2/NDF : 442412928.7/10

yield_bcm0l02_rms vs Slug



Right In: 0.841 ± 0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.860 ± 0.000 χ^2/NDF : 86253.6/11

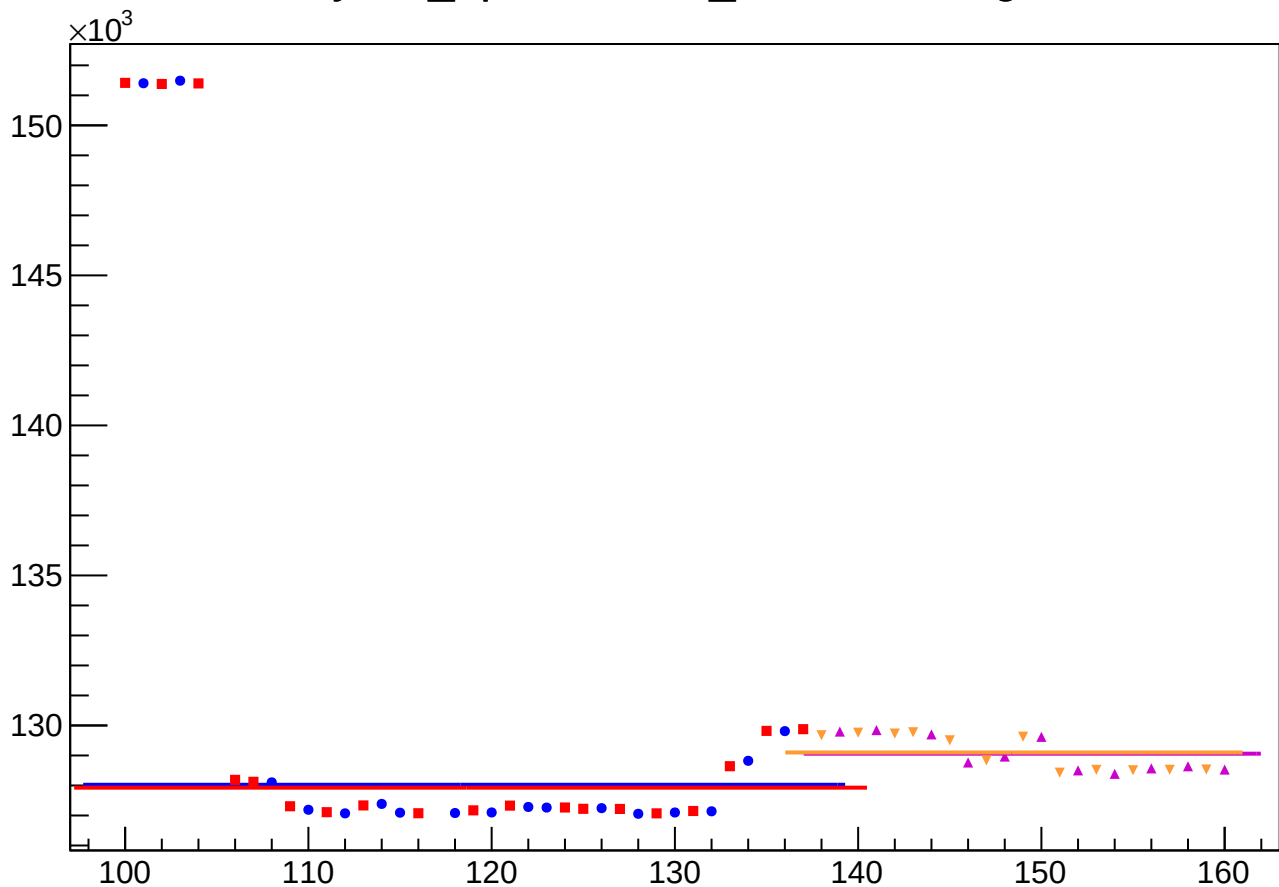
Right Out: 0.878 ± 0.000 χ^2/NDF : 2814626.6/18

Left In: 0.887 ± 0.000 χ^2/NDF : 59270.2/10

0.853 ± 0.000 χ^2/NDF : 2751063.5/28

0.884 ± 0.000 χ^2/NDF : 2874358.0/29

yield_bpm2i01WS_mean vs Slug



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

Left Out: 129100.157 $\pm$ 0.058 χ^2 /NDF: 97644053.5/11

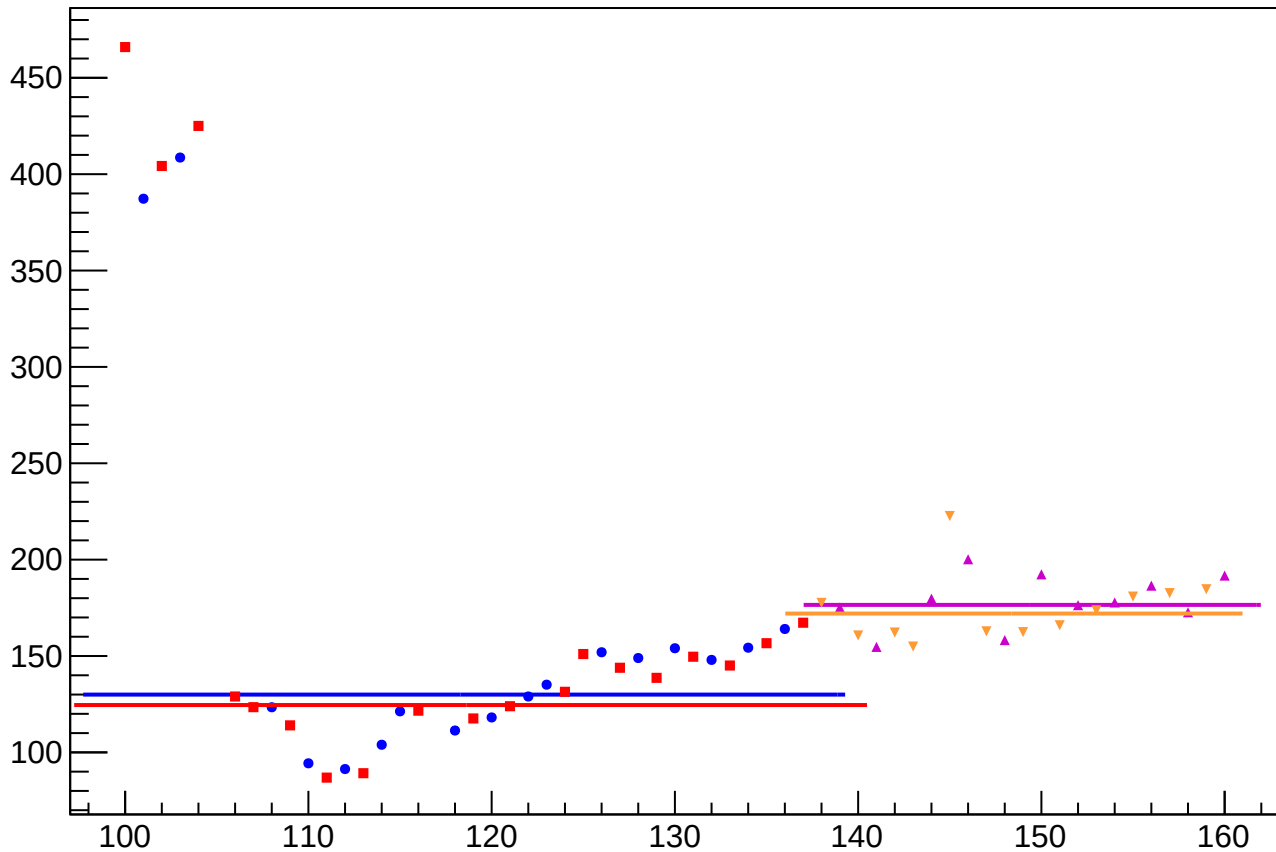
Right Out: 127927.471 $\pm$ 0.050 χ^2 /NDF: 3767047216.9/18

Left In: 129059.813 $\pm$ 0.059 χ^2 /NDF: 90617499.9/10

128528.163 $\pm$ 0.040 χ^2 /NDF: 4596843077.0/28

128400.630 $\pm$ 0.038 χ^2 /NDF: 4068812701.3/29

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 172.031 $\pm$ 0.041 χ^2 /NDF:136680.3/11

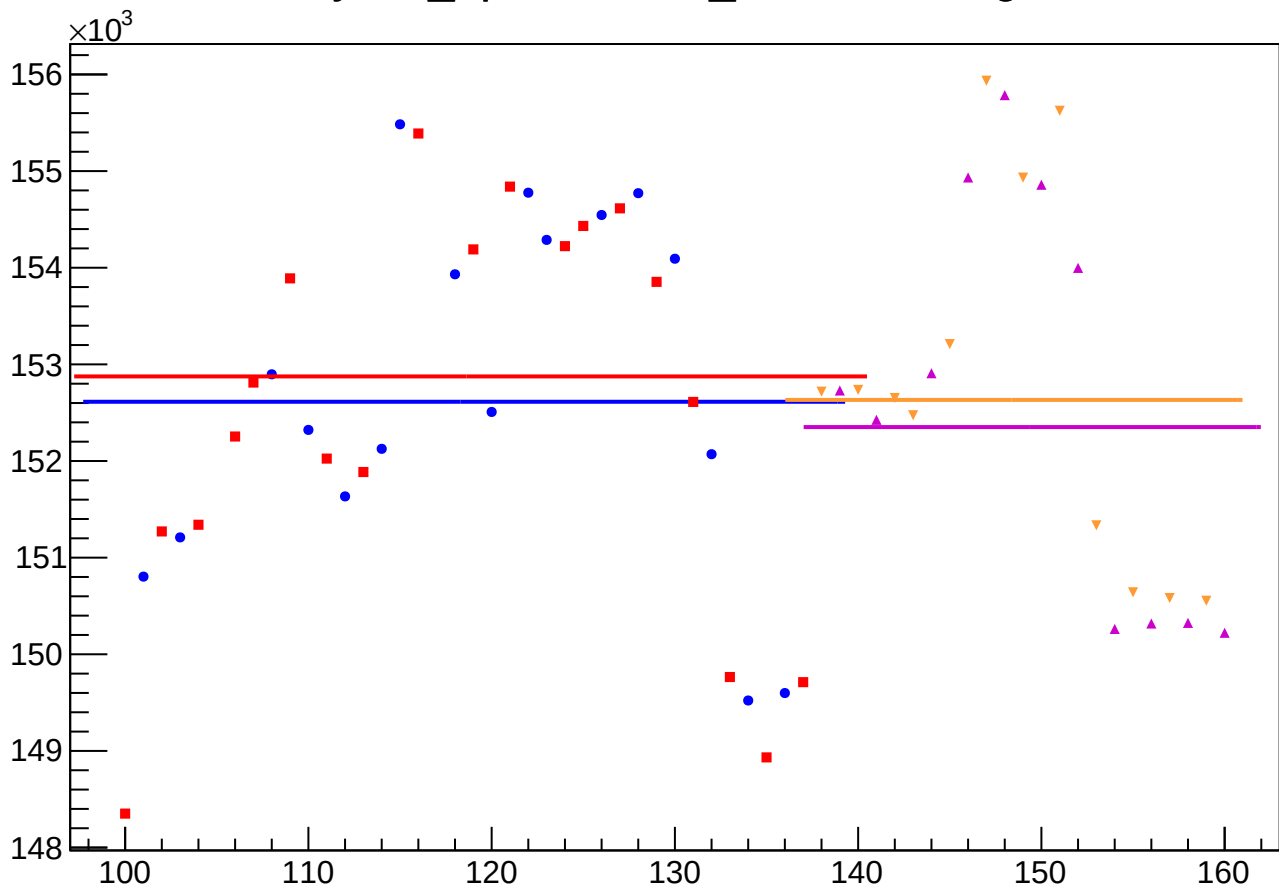
149.690 $\pm$ 0.028 χ^2 /NDF: 2179518.8/28

Right Out: 124.566 $\pm$ 0.036 χ^2 /NDF: 1531273.9/18

146.278 $\pm$ 0.027 χ^2 /NDF: 2524503.5/29

Left In: 176.525 $\pm$ 0.042 χ^2 /NDF:104072.1/10

yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

Left Out: 152632.098 $\pm$ 0.065 χ^2 /NDF: 694877693.2/11

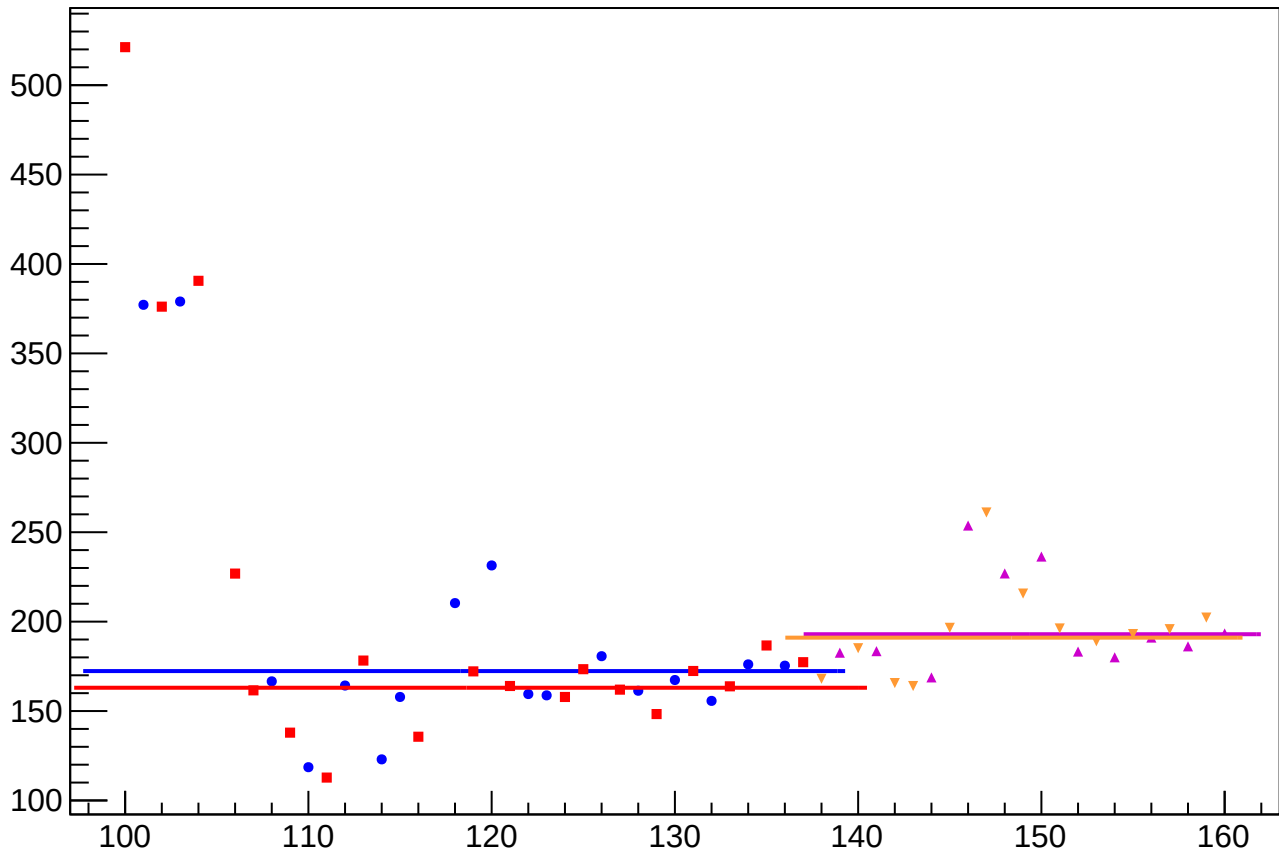
Right Out: 152875.313 $\pm$ 0.066 χ^2 /NDF: 716358700.9/18

Left In: 152351.249 $\pm$ 0.065 χ^2 /NDF: 824201684.1/10

152623.629 $\pm$ 0.048 χ^2 /NDF: 1318271969.3/28

152610.173 $\pm$ 0.047 χ^2 /NDF: 1572269824.5/29

yield_bpm0i07WS_rms vs Slug



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

Left Out: 191.040+/-0.046 χ^2/NDF : 224335.7/11

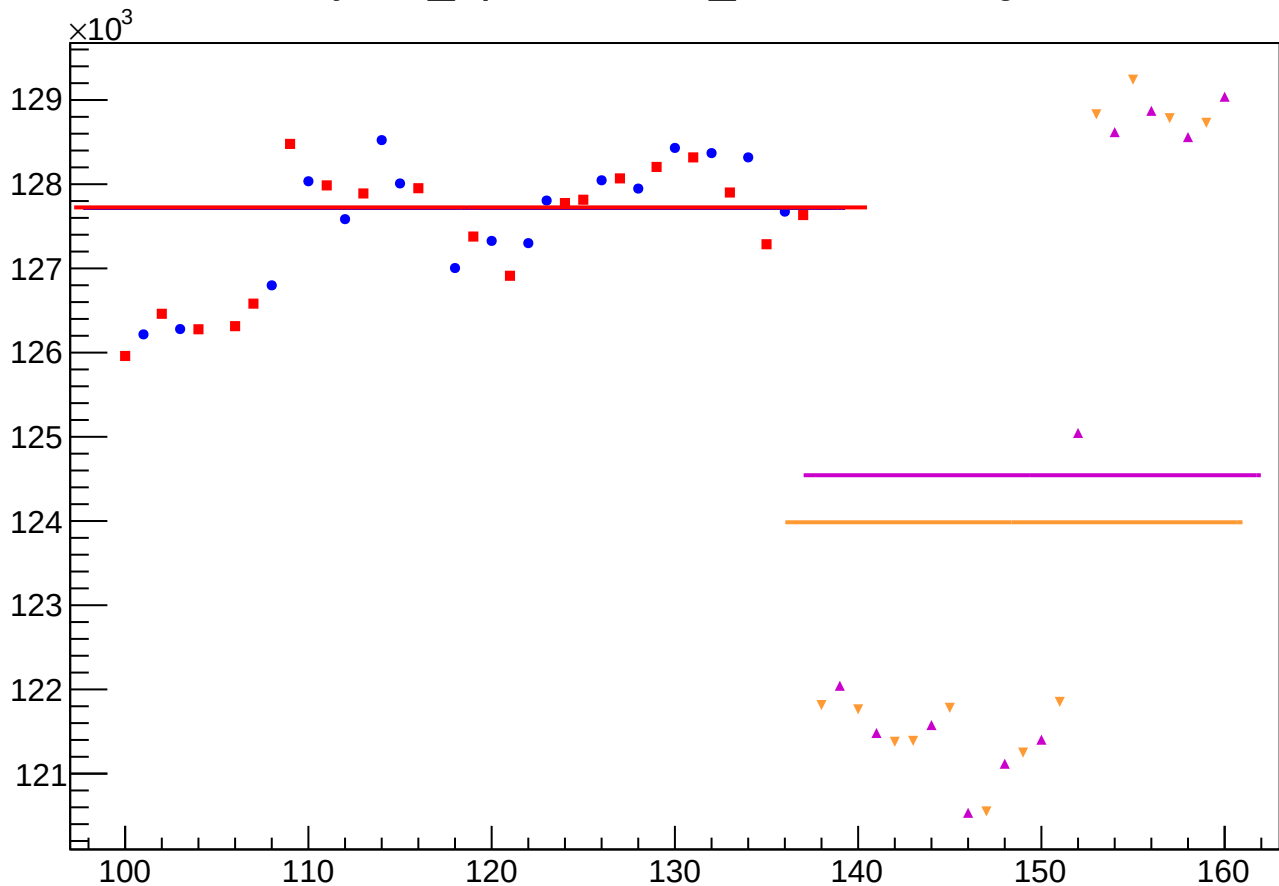
182.700+/-0.034 χ^2/NDF : 1220313.4/28

Right Out: 163.029+/-0.047 χ^2/NDF : 1032736.0/18

178.172+/-0.033 χ^2/NDF : 1481687.5/29

Left In: 192.960+/-0.046 χ^2/NDF : 242095.4/10

yield_bpm0l01WS_mean vs Slug



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

Left Out: 123985.049 $\pm$ 0.056 χ^2 /NDF: 3793625874.6/11

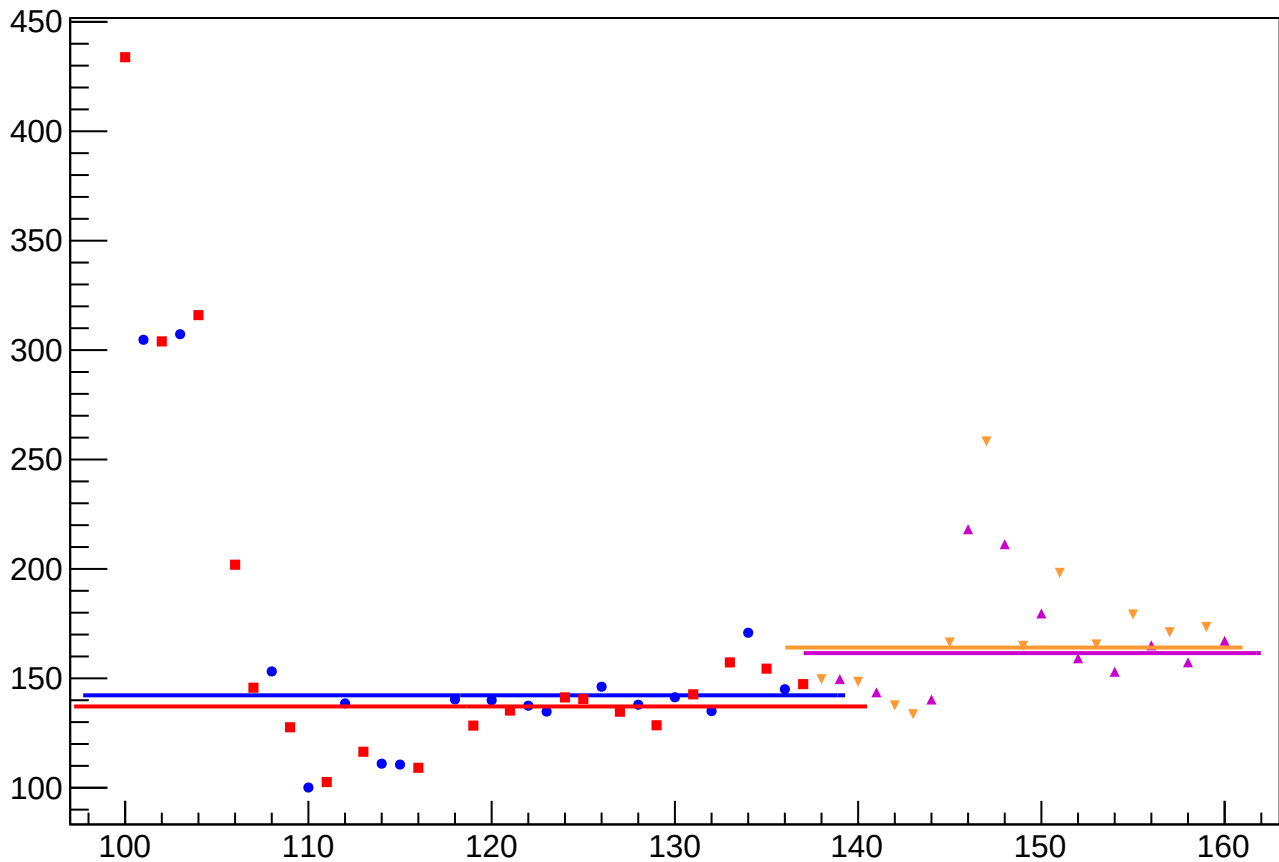
Right Out: 127724.519 $\pm$ 0.055 χ^2 /NDF: 112550604.4/18

Left In: 124543.835 $\pm$ 0.055 χ^2 /NDF: 3873519852.4/10

125789.329 $\pm$ 0.041 χ^2 /NDF: 6007971403.6/28

126151.172 $\pm$ 0.039 χ^2 /NDF: 5669530889.5/29

yield_bpm0l01WS_rms vs Slug



Right In: 142.240 ± 0.041 χ^2/NDF : 836415.1/16

Left Out: 164.082 ± 0.040 χ^2/NDF : 396325.0/11

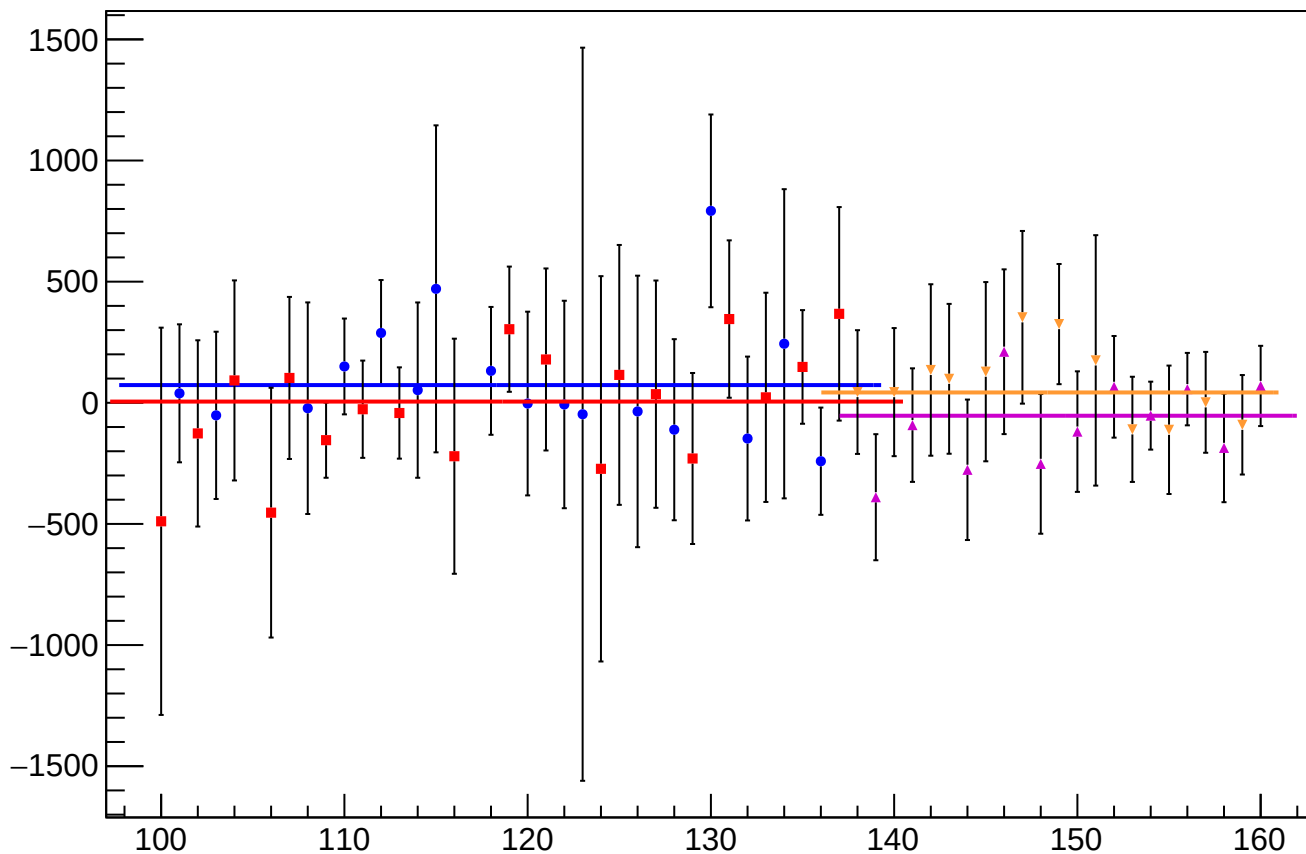
Right Out: 137.151 ± 0.039 χ^2/NDF : 957730.8/18

Left In: 161.529 ± 0.039 χ^2/NDF : 289608.8/10

153.525 ± 0.029 χ^2/NDF : 1377848.9/28

149.210 ± 0.027 χ^2/NDF : 1445115.9/29

asym_bcm_an_ds_mean vs Slug



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 42.639+/-77.731 χ^2/NDF : 3.6/11

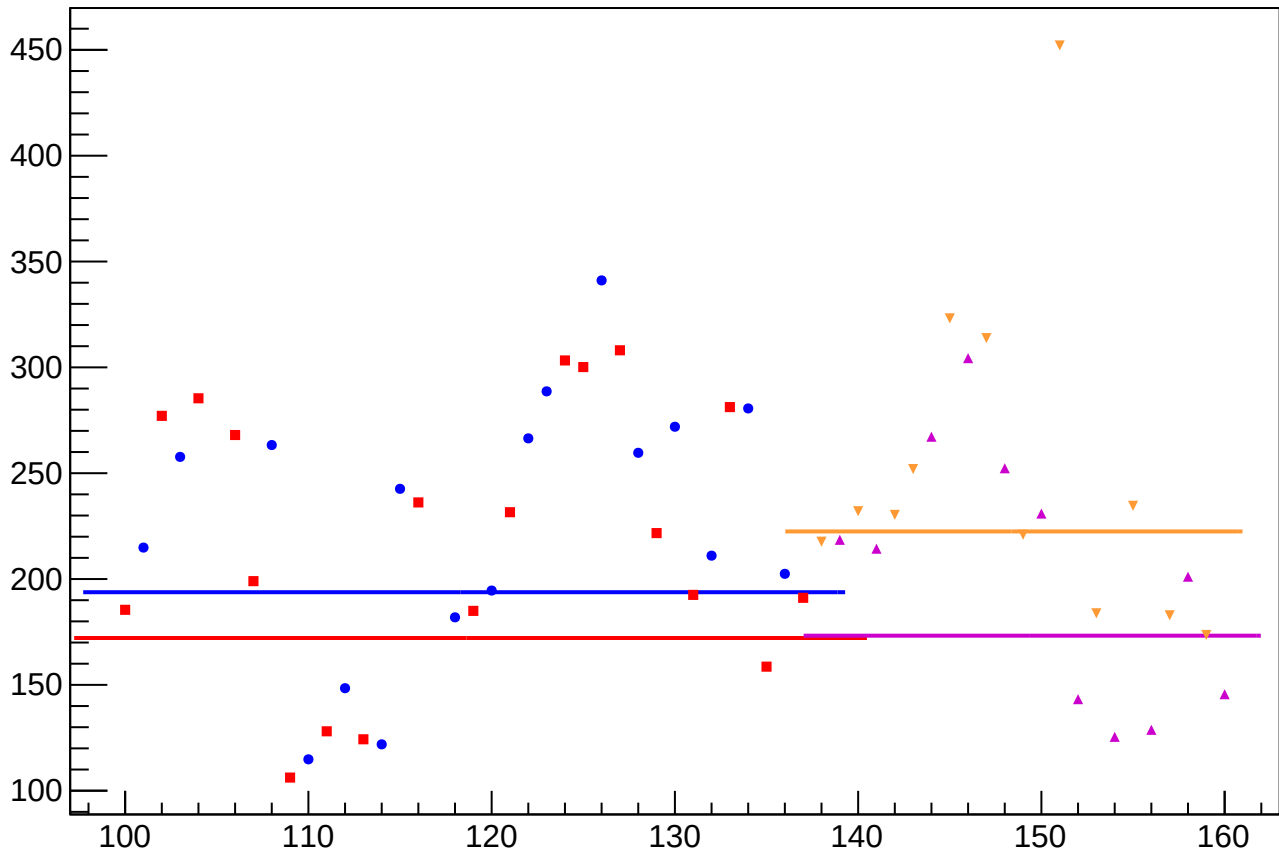
Right Out: 5.021+/-70.098 χ^2/NDF : 7.1/18

Left In: -53.430+/-62.455 χ^2/NDF : 5.2/10

57.512+/-55.615 χ^2/NDF : 11.5/28

-27.564+/-46.632 χ^2/NDF : 12.7/29

asym_bcm_an_ds_rms vs Slug



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 222.484+/-0.055 χ^2/NDF : 950310.1/11

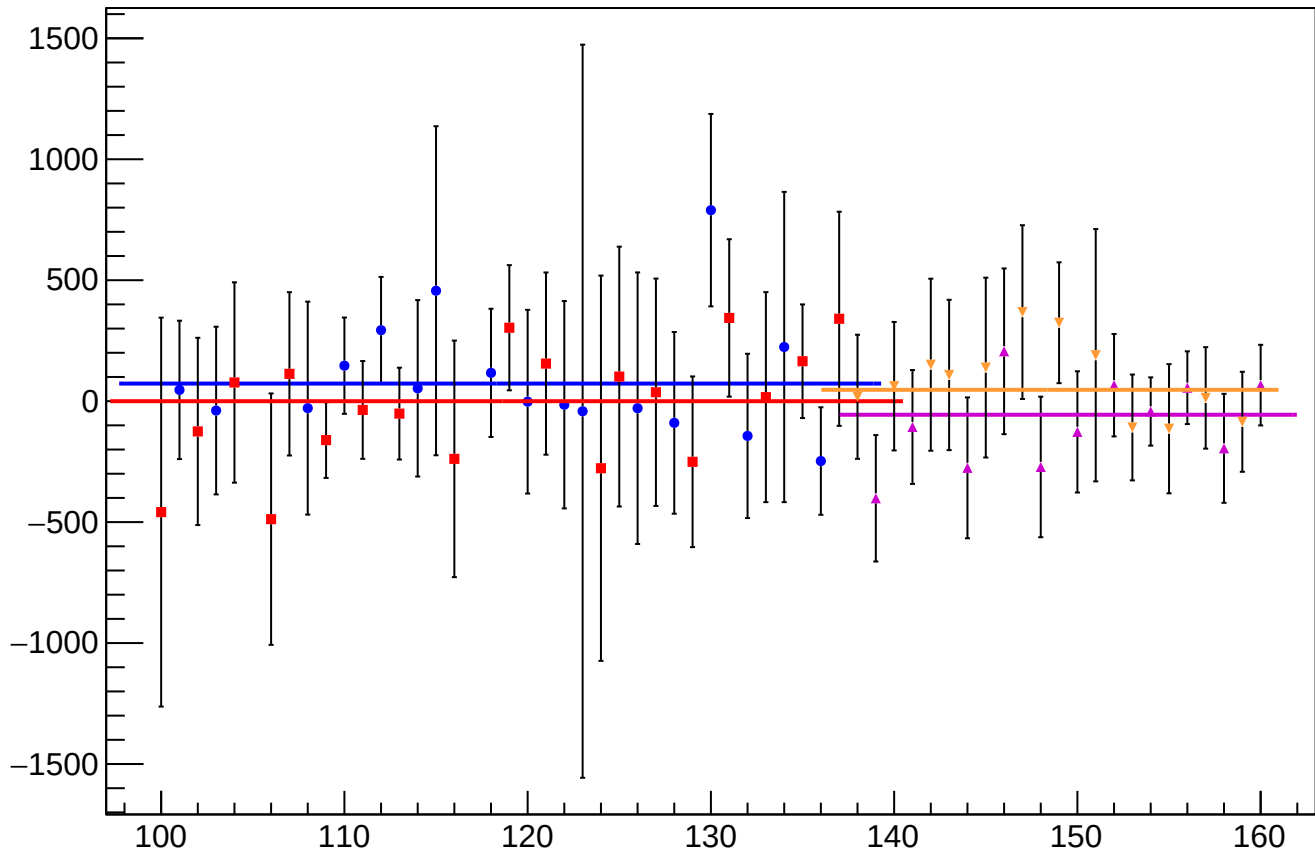
208.470+/-0.039 χ^2/NDF : 2100582.1/28

Right Out: 172.142+/-0.050 χ^2/NDF : 1580035.1/18

172.755+/-0.033 χ^2/NDF : 3004935.8/29

Left In: 173.241+/-0.044 χ^2/NDF : 1424626.5/10

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

Left Out: 46.895+/-78.227 χ^2/NDF : 3.6/11

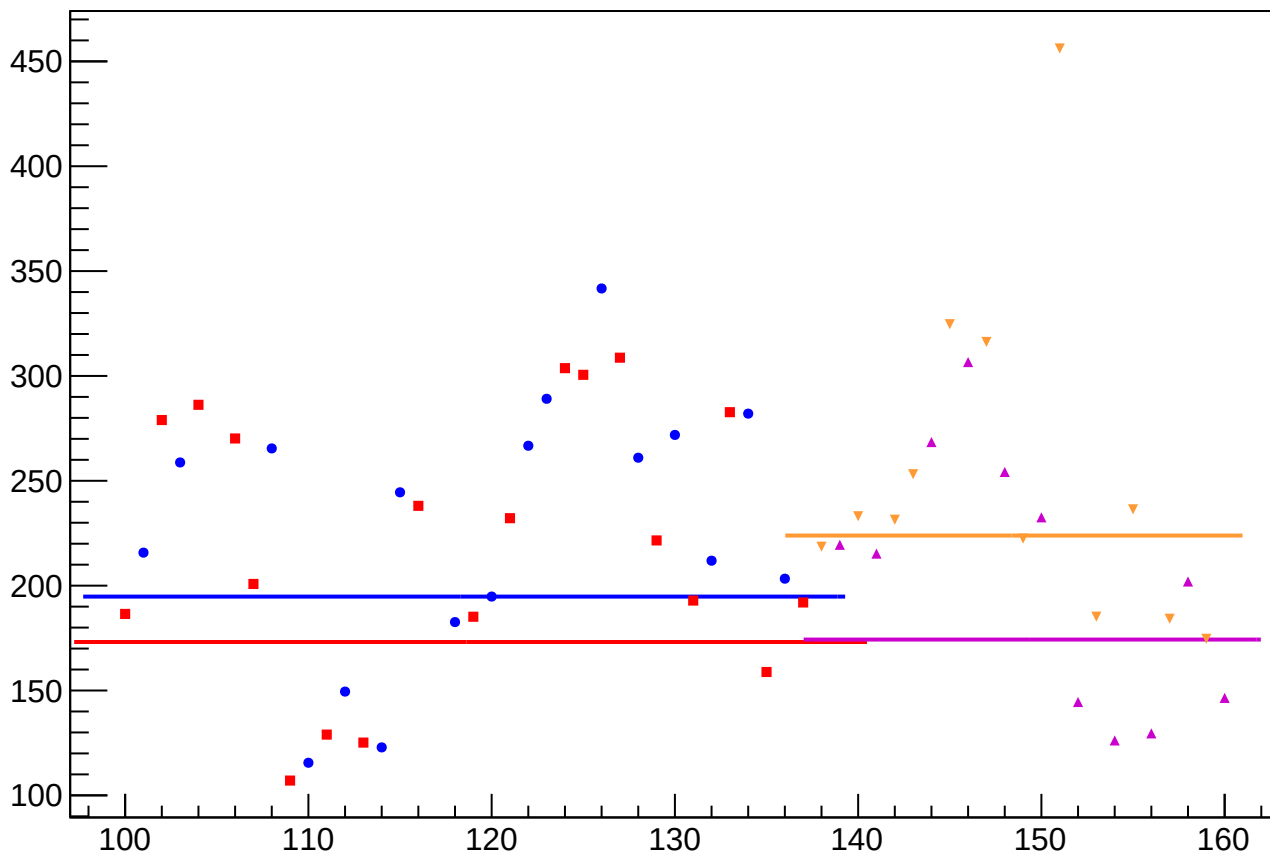
Right Out: -0.181+/-70.467 χ^2/NDF : 7.3/18

Left In: -56.150+/-62.835 χ^2/NDF : 5.4/10

59.497+/-55.928 χ^2/NDF : 11.4/28

-31.360+/-46.898 χ^2/NDF : 13.0/29

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 223.897 $\pm$ 0.055 χ^2 /NDF:949829.0/11

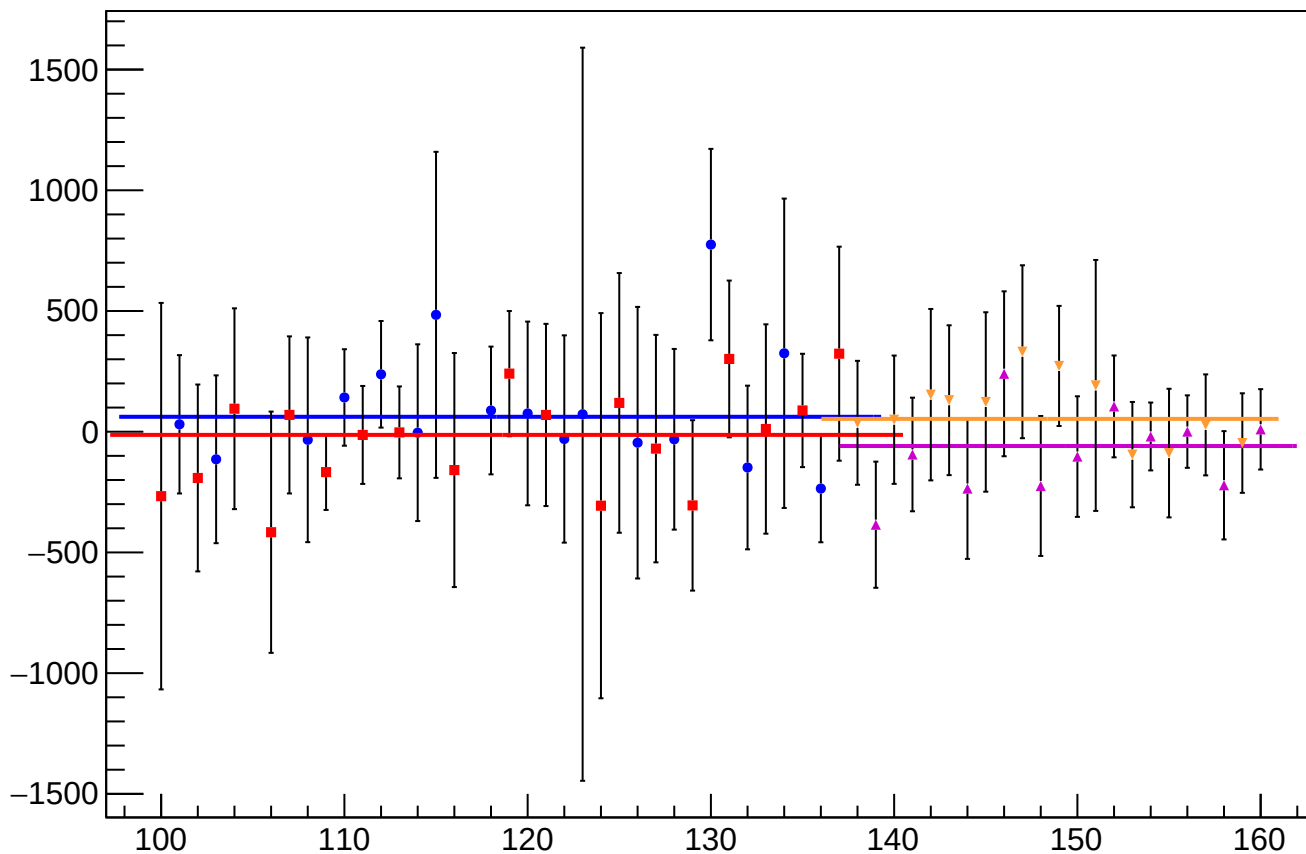
209.665 $\pm$ 0.040 χ^2 /NDF: 2093555.9/28

Right Out: 173.131 $\pm$ 0.050 χ^2 /NDF: 1567556.0/18

173.780 $\pm$ 0.033 χ^2 /NDF: 2990472.4/29

Left In: 174.296 $\pm$ 0.044 χ^2 /NDF:1422612.3/10

asym_bcm_an_us_mean vs Slug



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

Left Out: 53.185+/-78.075 χ^2/NDF : 2.6/11

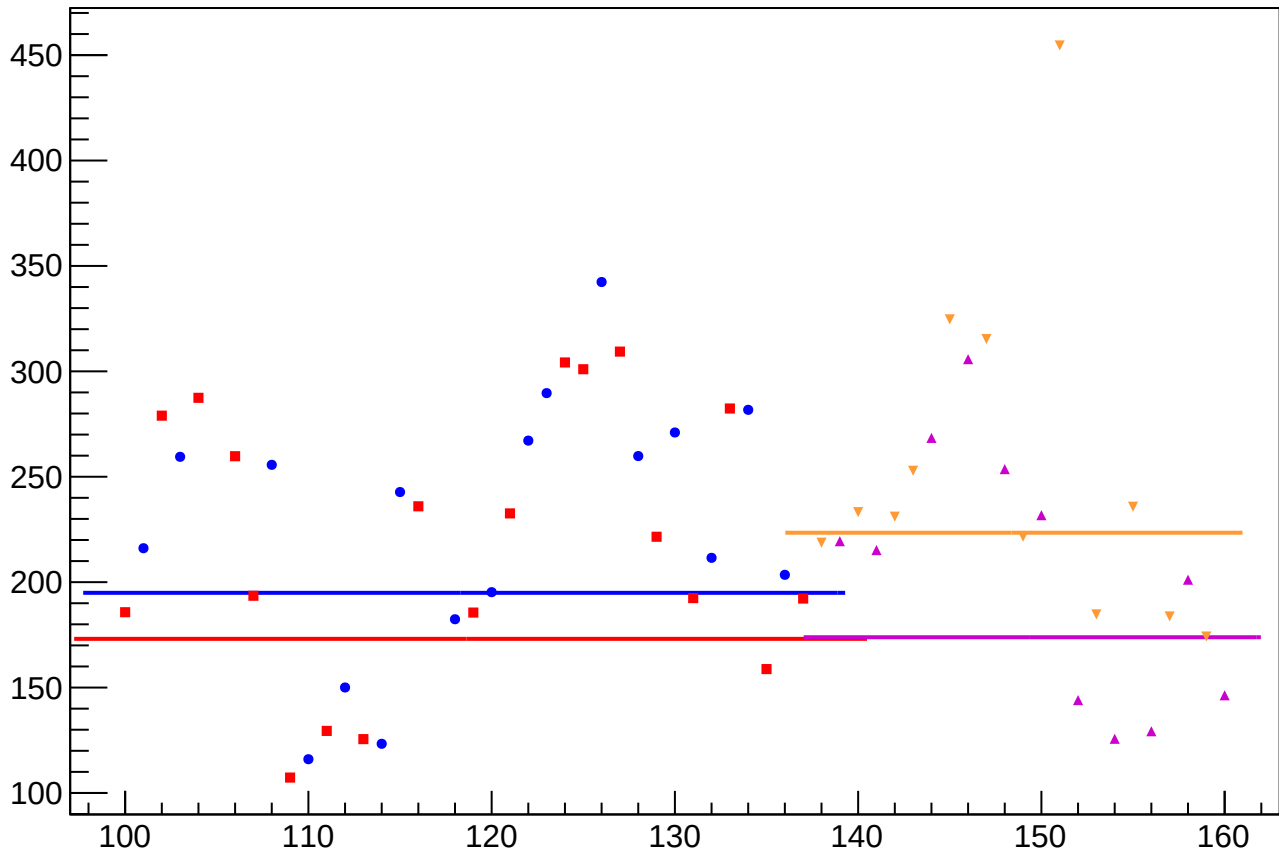
Right Out: -13.101+/-70.391 χ^2/NDF : 5.8/18

Left In: -59.228+/-62.689 χ^2/NDF : 4.6/10

57.395+/-55.871 χ^2/NDF : 9.9/28

-38.825+/-46.815 χ^2/NDF : 10.6/29

asym_bcm_an_us_rms vs Slug



Right In: 194.939+/-0.057 χ^2/NDF : 986629.1/16

Left Out: 223.453+/-0.055 χ^2/NDF : 951386.5/11

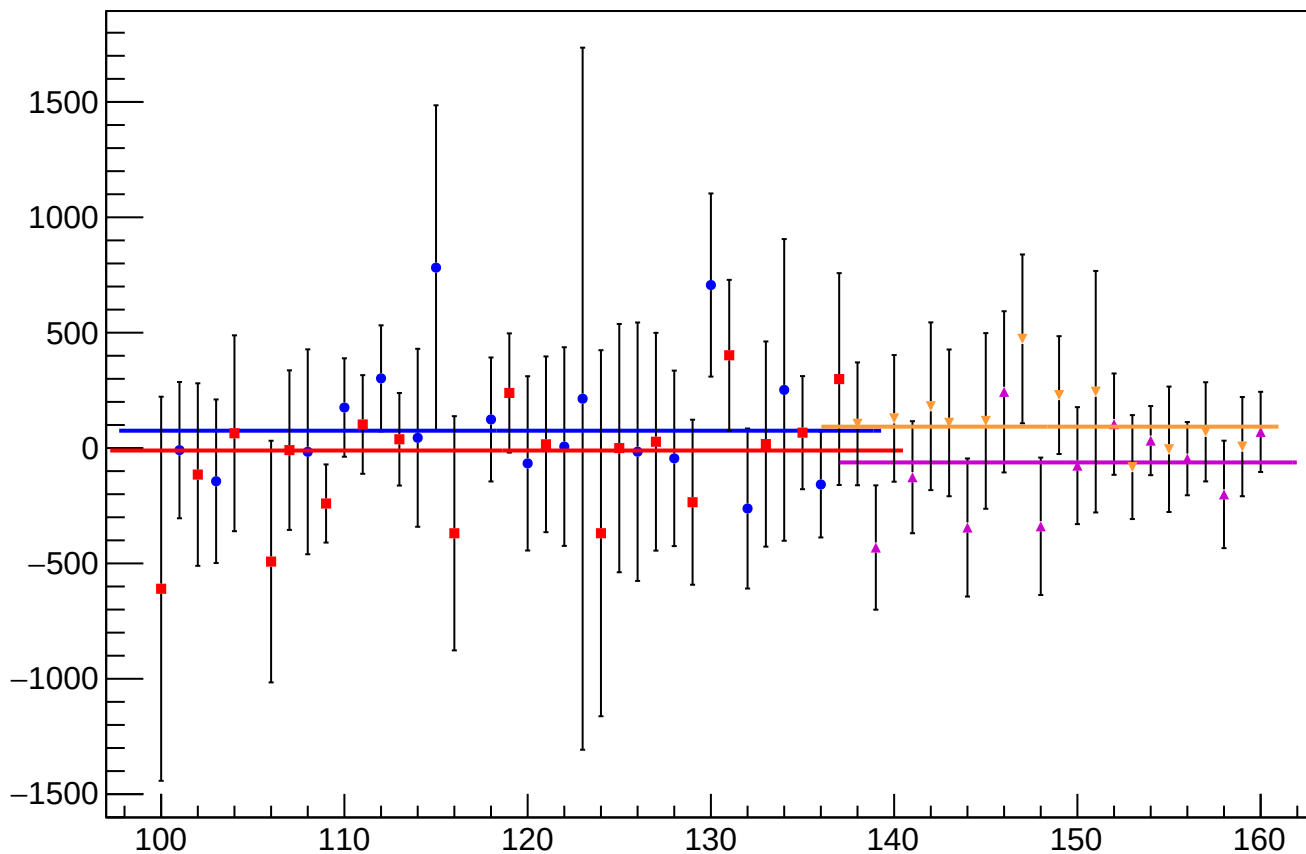
209.541+/-0.040 χ^2/NDF : 2068175.1/28

Right Out: 173.109+/-0.050 χ^2/NDF : 1544723.9/18

173.535+/-0.033 χ^2/NDF : 2971229.5/29

Left In: 173.874+/-0.044 χ^2/NDF : 1426373.9/10

asym_bcm_dg_us_mean vs Slug



Right In: 75.207+/-82.504 χ^2/NDF : 7.6/16

Left Out: 92.756+/-80.391 χ^2/NDF : 2.4/11

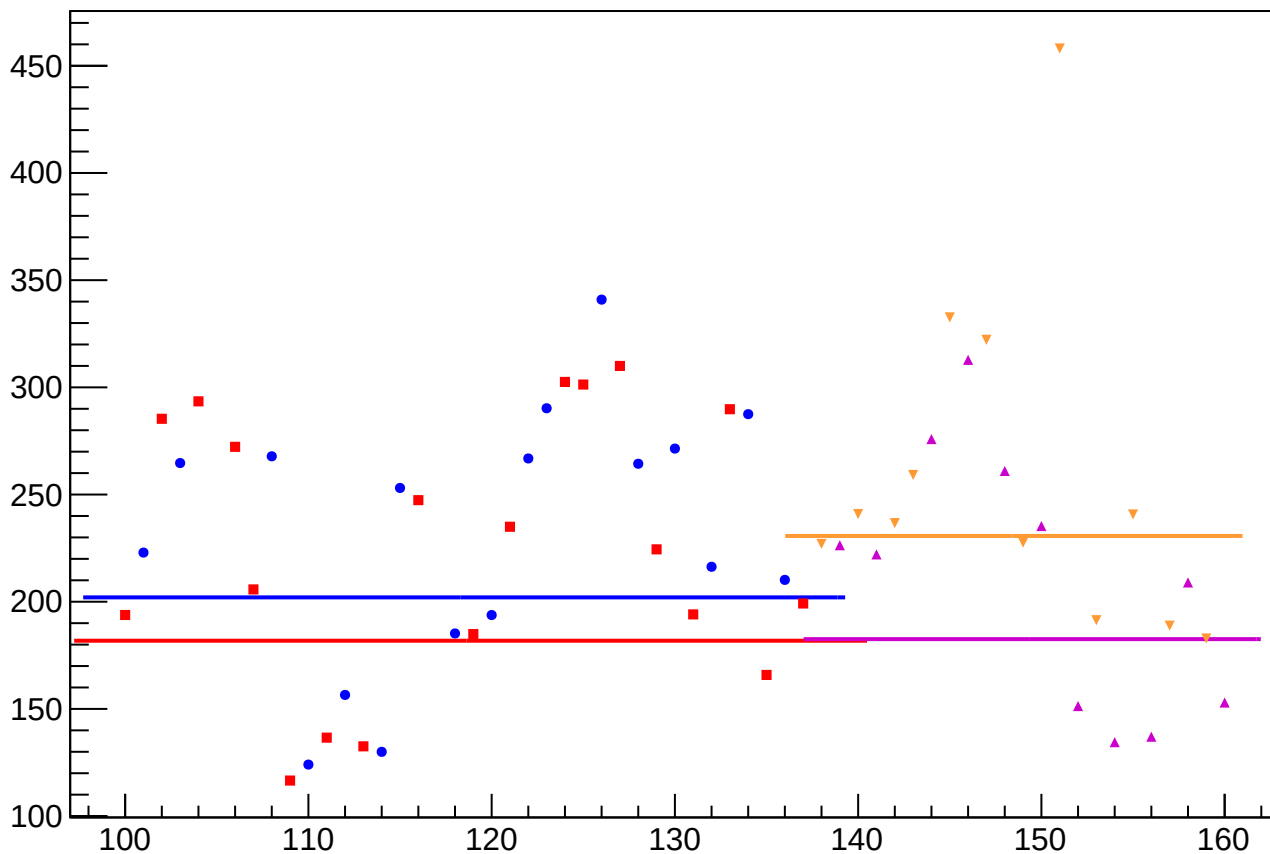
Right Out: -10.674+/-73.338 χ^2/NDF : 7.8/18

Left In: -62.350+/-65.432 χ^2/NDF : 6.4/10

84.209+/-57.578 χ^2/NDF : 10.1/28

-39.446+/-48.824 χ^2/NDF : 14.5/29

asym_bcm_dg_us_rms vs Slug



Right In: 202.029+/-0.058 χ^2/NDF : 881608.7/16

Left Out: 230.685+/-0.057 χ^2/NDF : 904664.6/11

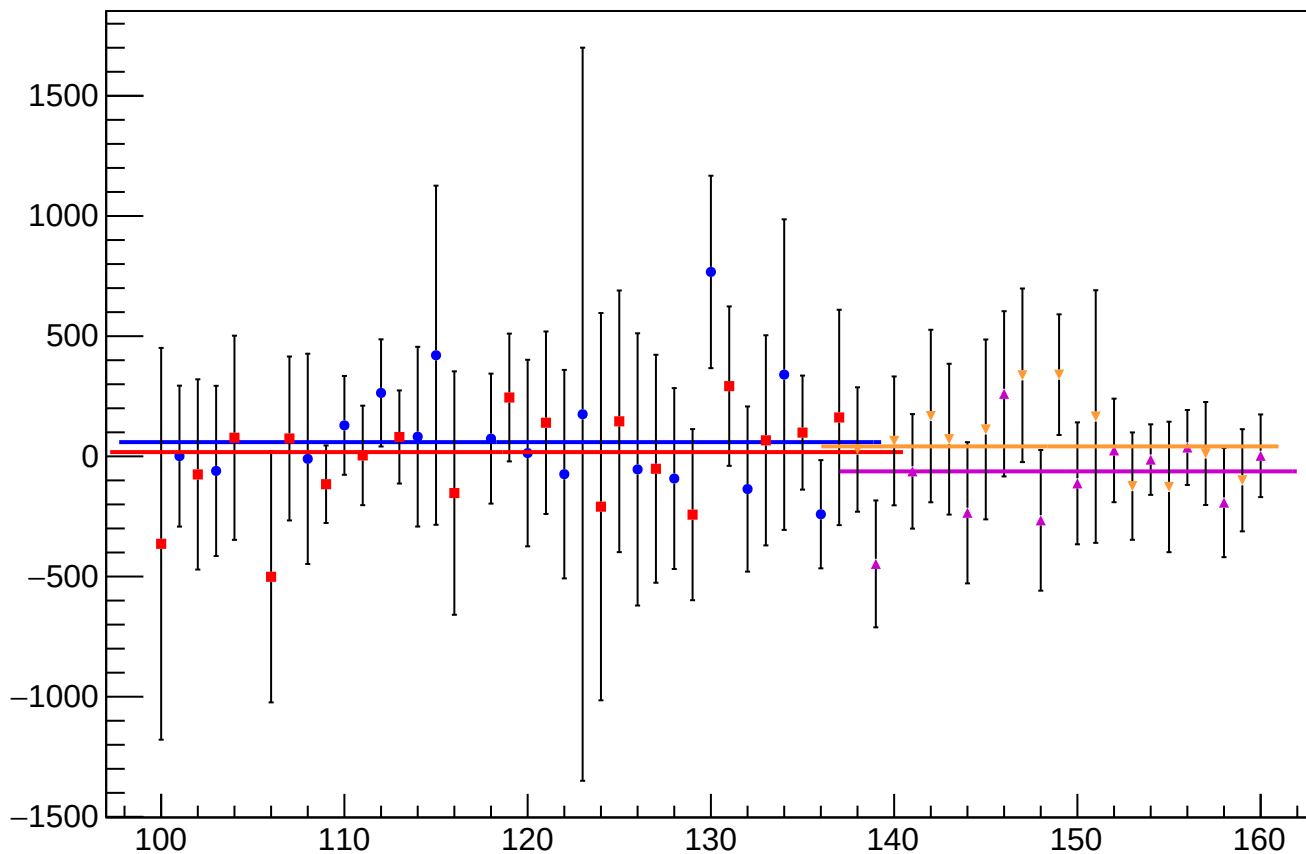
Right Out: 181.811+/-0.052 χ^2/NDF : 1377537.2/18

Left In: 182.552+/-0.046 χ^2/NDF : 1298883.3/10

216.729+/-0.041 χ^2/NDF : 1910035.3/28

182.224+/-0.035 χ^2/NDF : 2676534.0/29

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175 ± 81.417 χ^2/NDF : 7.1/16

Left Out: 41.484 ± 79.403 χ^2/NDF : 3.7/11

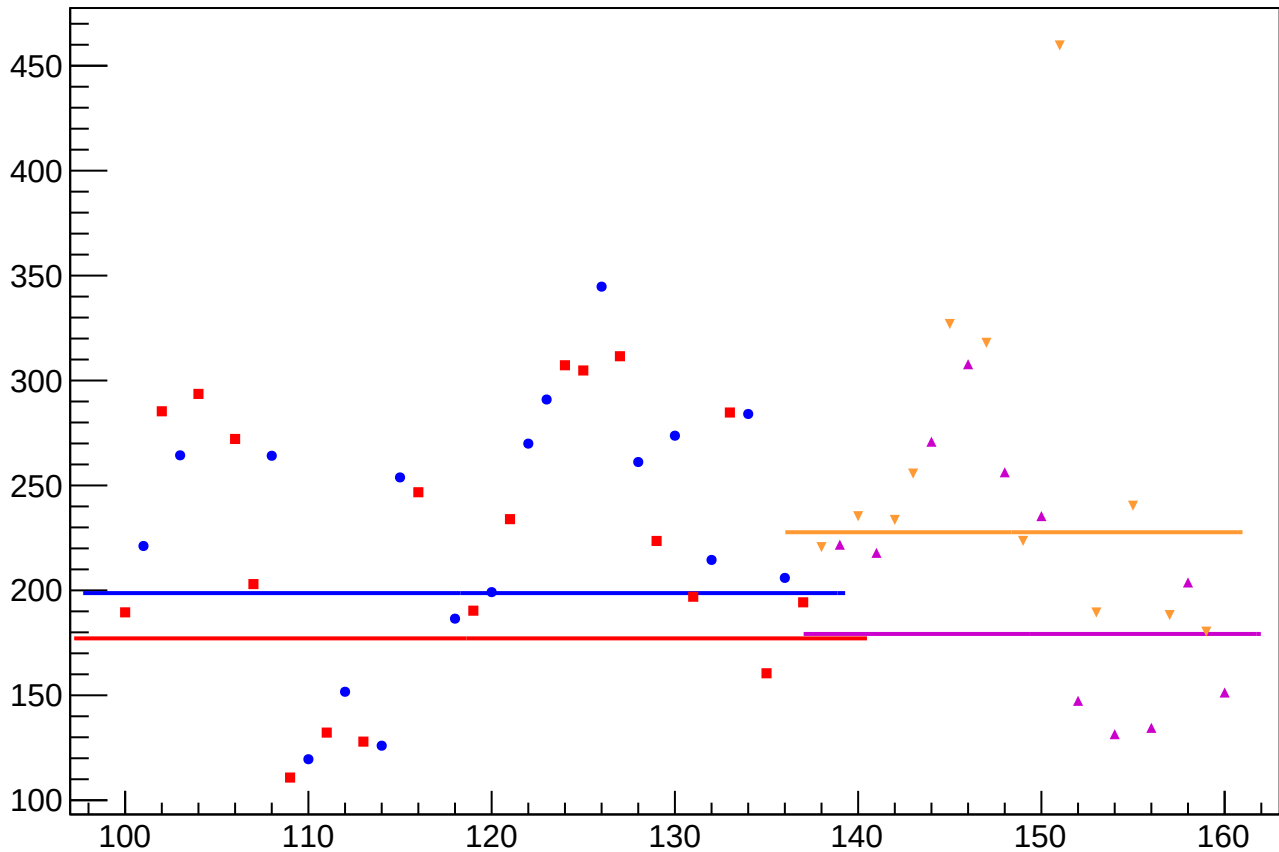
Right Out: 17.727 ± 71.900 χ^2/NDF : 4.7/18

Left In: -62.532 ± 64.343 χ^2/NDF : 5.0/10

50.108 ± 56.845 χ^2/NDF : 10.9/28

-26.840 ± 47.947 χ^2/NDF : 10.4/29

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 227.708 $\pm$ 0.056 χ^2 /NDF: 905623.3/11

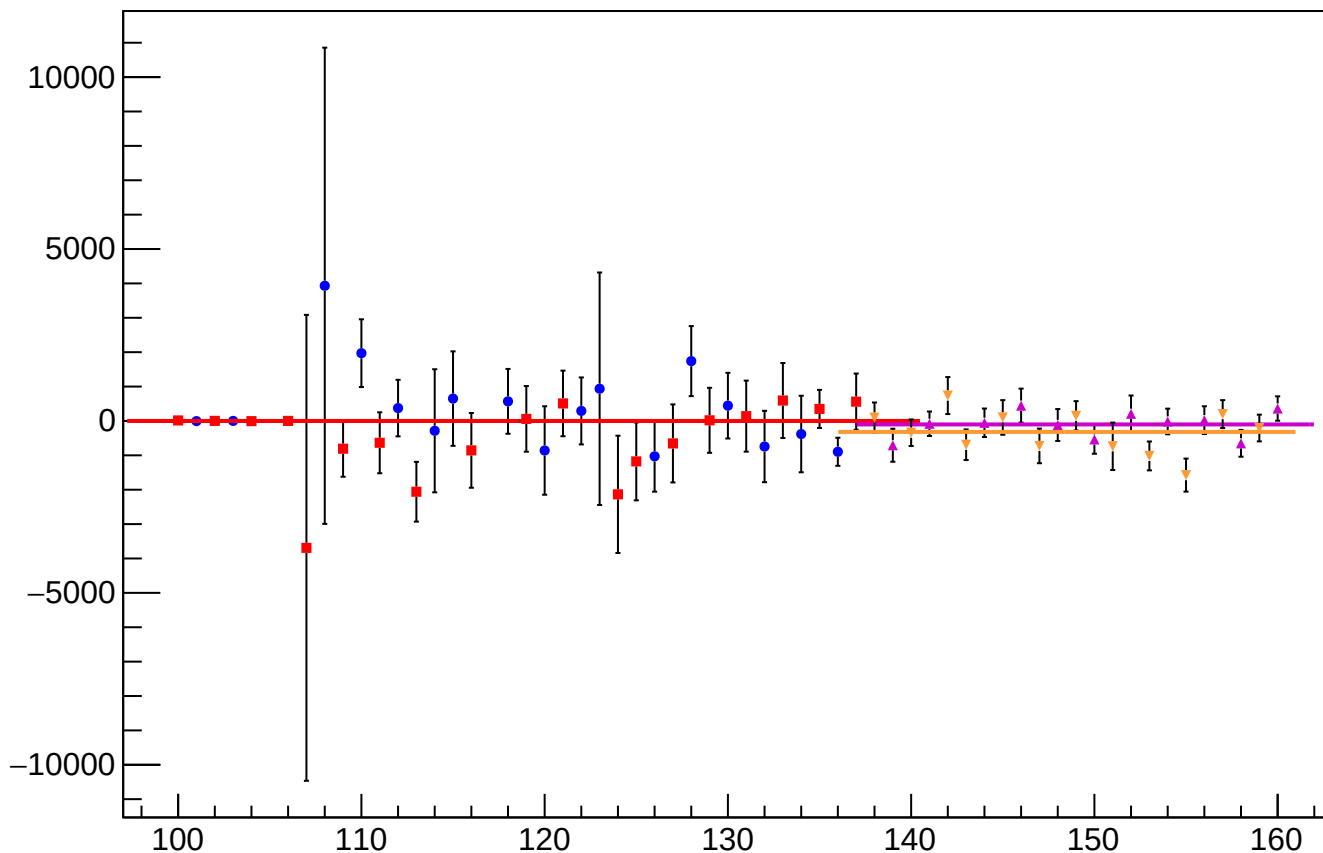
Right Out: 177.125 $\pm$ 0.051 χ^2 /NDF: 1524889.9/18

Left In: 179.240 $\pm$ 0.045 χ^2 /NDF: 1311514.5/10

213.569 $\pm$ 0.040 χ^2 /NDF: 1999108.5/28

178.299 $\pm$ 0.034 χ^2 /NDF: 2837365.6/29

asym_cav4bQ_mean vs Slug



Right In: -1.529+/-2.251 χ^2/NDF : 16.6/16

Left Out: -318.849+/-130.679 χ^2/NDF : 19.7/11

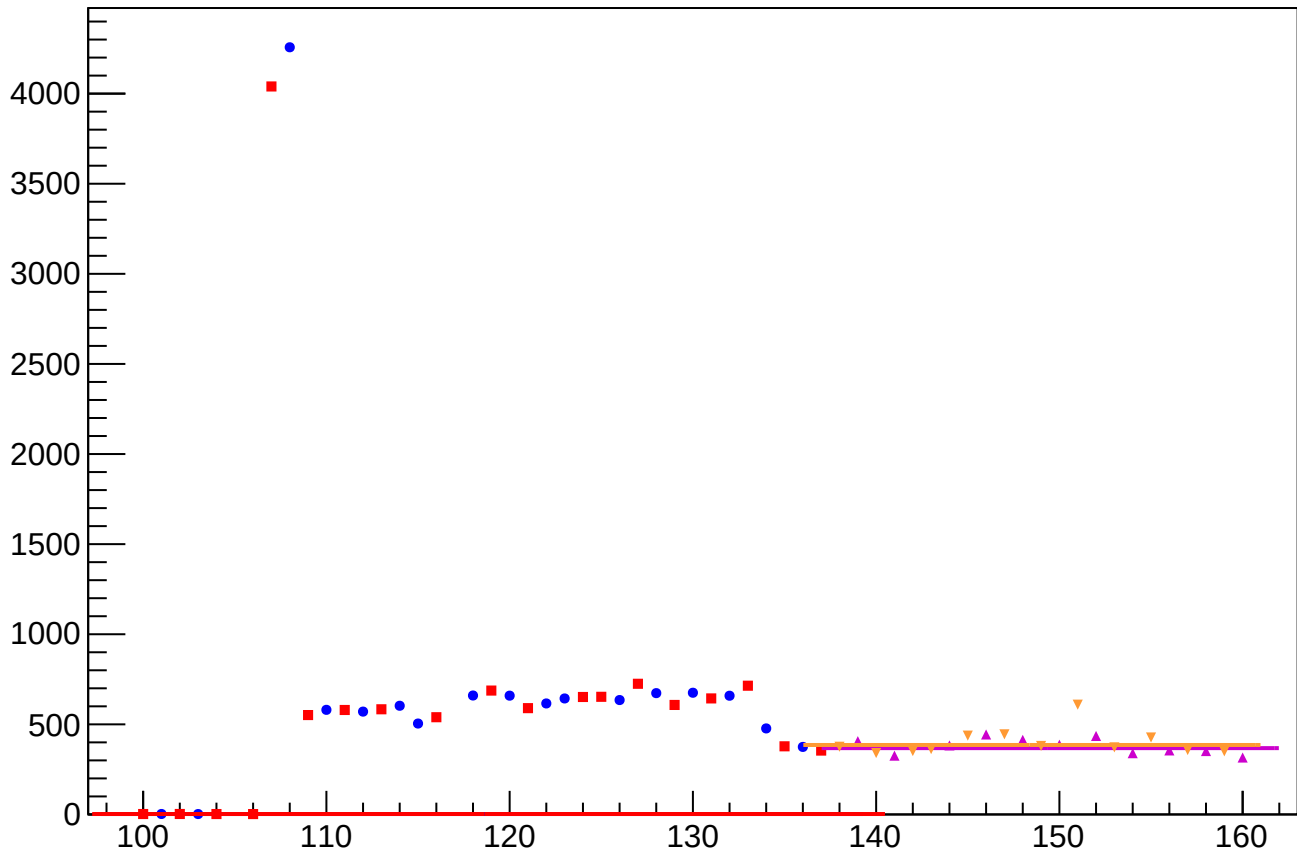
Right Out: -0.731+/-2.111 χ^2/NDF : 18.4/18

Left In: -101.351+/-125.103 χ^2/NDF : 8.1/10

-1.623+/-2.251 χ^2/NDF : 42.3/28

-0.760+/-2.111 χ^2/NDF : 27.1/29

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 385.516+/-0.092 χ^2/NDF : 343325.8/11

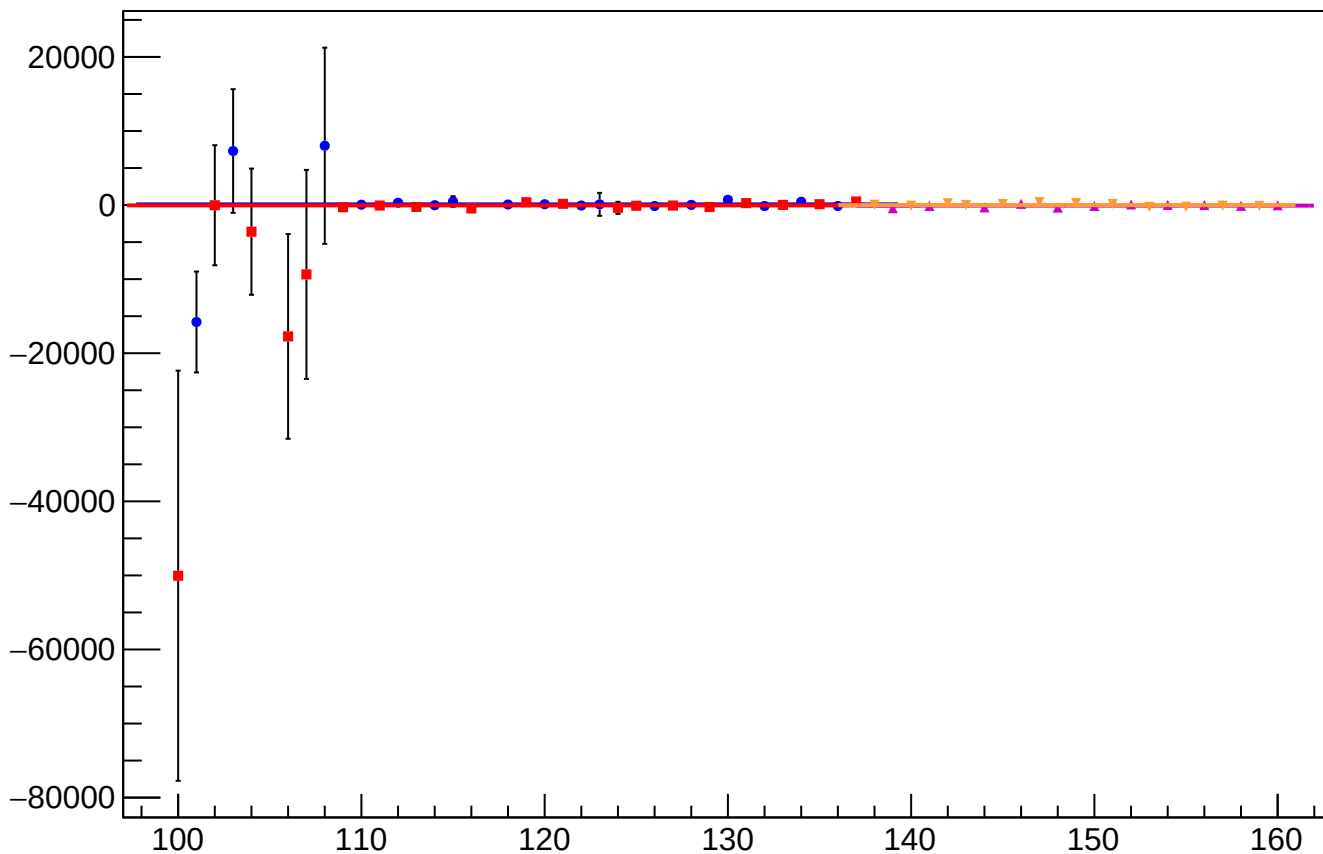
Right Out: 2.437+/-0.001 χ^2/NDF : 11140185.1/18

Left In: 368.050+/-0.088 χ^2/NDF : 206403.9/10

2.570+/-0.002 χ^2/NDF : 28229688.5/28

2.541+/-0.001 χ^2/NDF : 28423736.1/29

asym_cav4cQ_mean vs Slug



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: -7.768+/-85.167 χ^2/NDF : 4.7/11

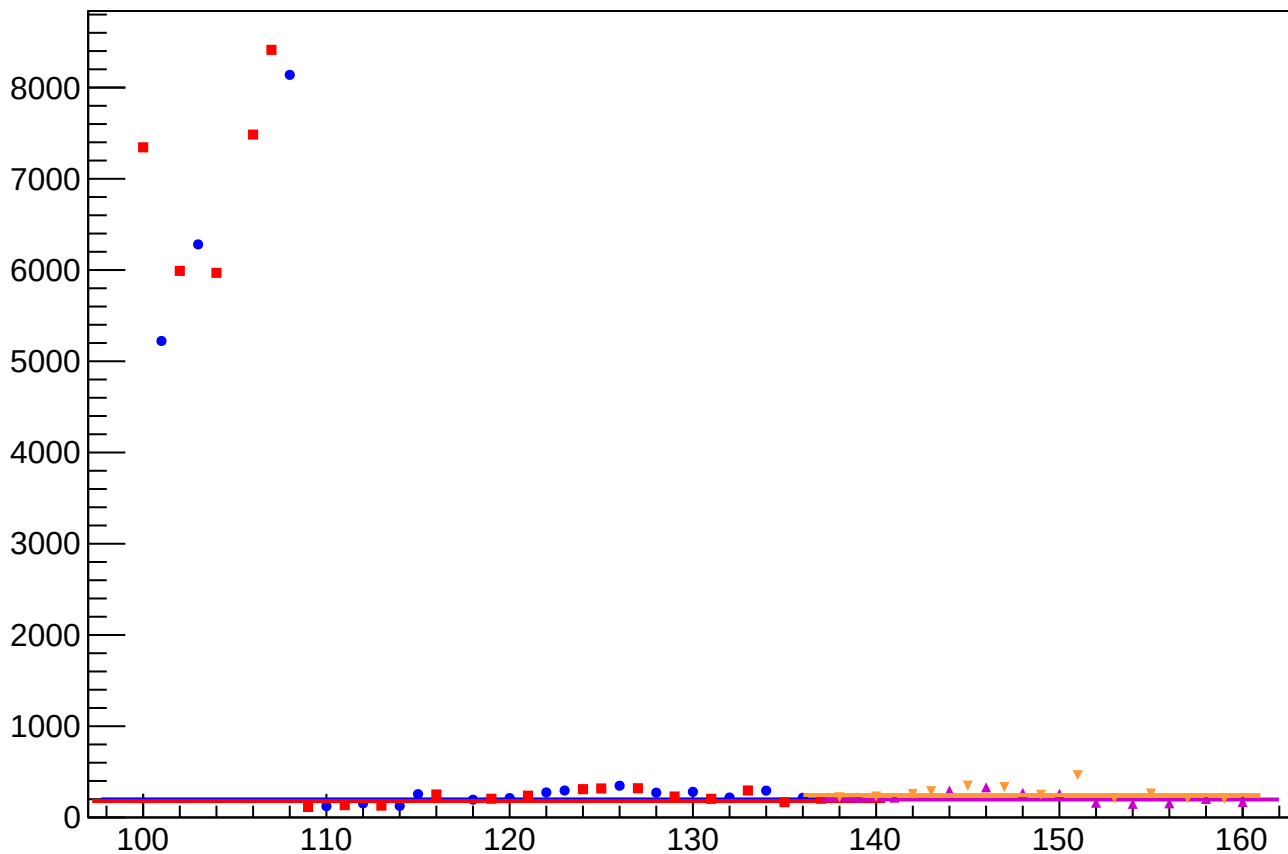
Right Out: -42.617+/-84.547 χ^2/NDF : 14.0/18

Left In: -72.207+/-69.834 χ^2/NDF : 4.7/10

39.984+/-62.406 χ^2/NDF : 17.3/28

-60.207+/-53.842 χ^2/NDF : 18.8/29

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 245.618+/-0.060 χ^2/NDF : 807442.6/11

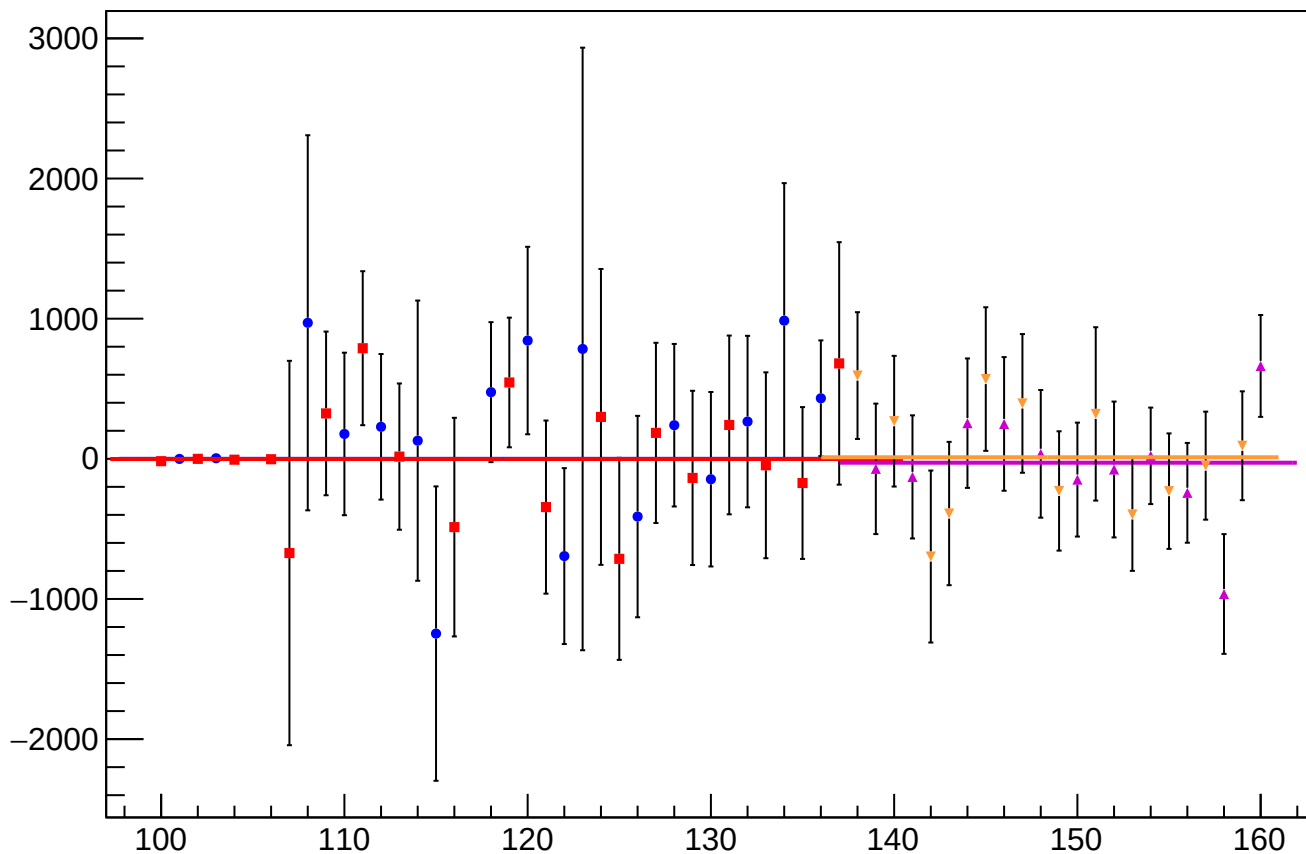
Right Out: 179.983+/-0.060 χ^2/NDF : 4321404.4/18

Left In: 196.630+/-0.049 χ^2/NDF : 1052158.9/10

223.300+/-0.044 χ^2/NDF : 4799879.3/28

189.878+/-0.038 χ^2/NDF : 5419653.8/29

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: 11.049 ± 131.977 χ^2/NDF : 7.7/11

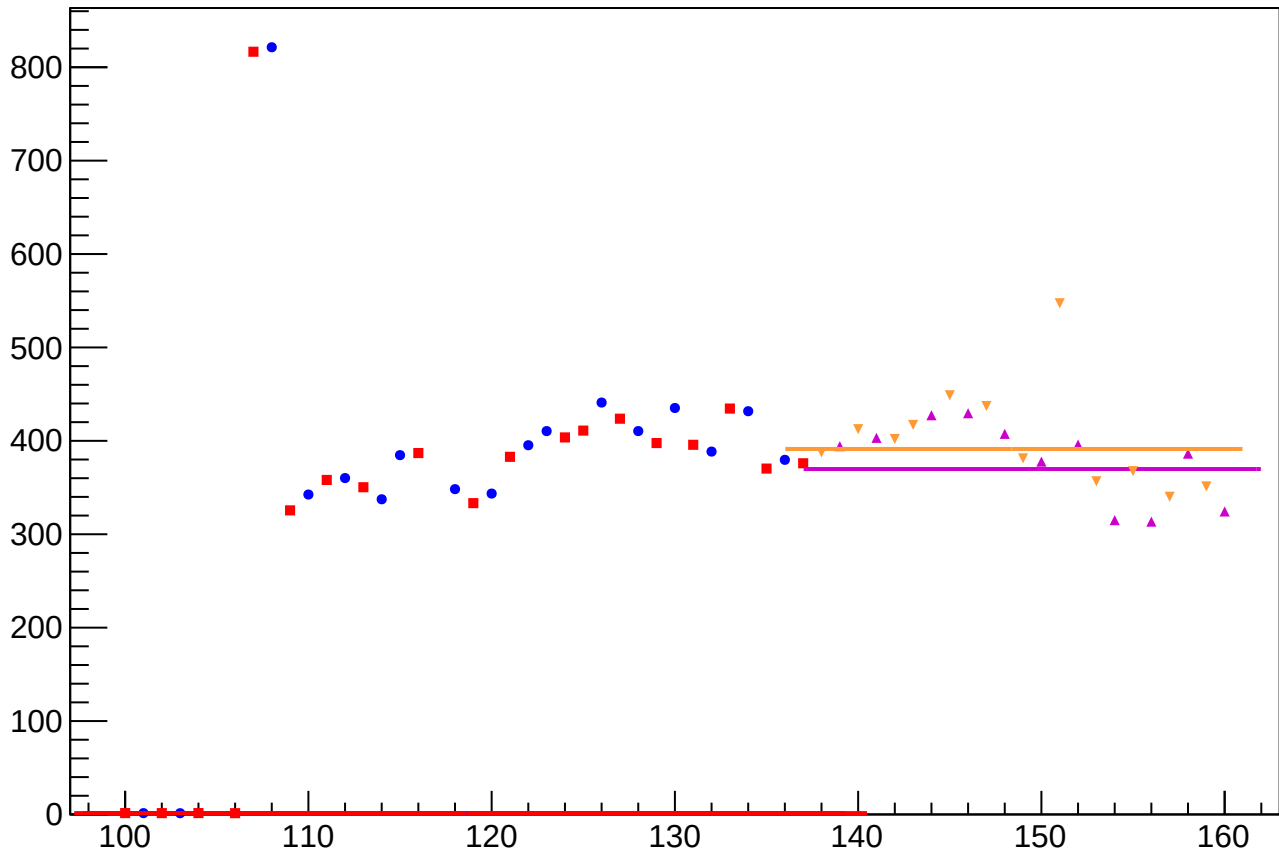
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.5/18

Left In: -27.731 ± 125.600 χ^2/NDF : 9.7/10

-0.137 ± 1.736 χ^2/NDF : 17.5/28

-1.328 ± 1.622 χ^2/NDF : 19.2/29

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 391.325+/-0.093 χ^2/NDF : 258642.8/11

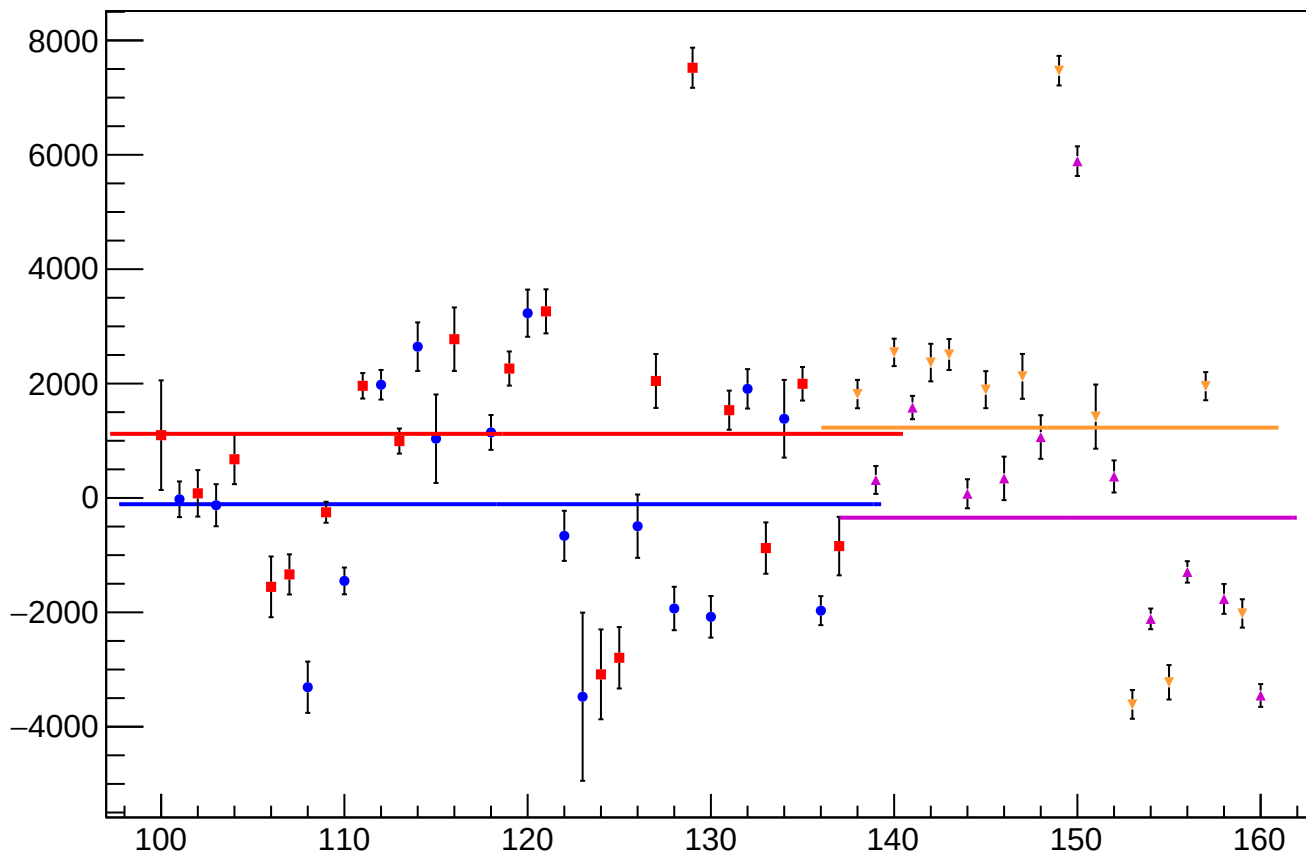
Right Out: 1.451+/-0.001 χ^2/NDF : 10873552.2/18

Left In: 369.828+/-0.089 χ^2/NDF : 234632.3/10

1.520+/-0.001 χ^2/NDF : 28524966.6/28

1.512+/-0.001 χ^2/NDF : 28309629.7/29

asym_bcm0l02_mean vs Slug



Right In: -109.225 ± 87.961 $\chi^2/\text{NDF}: 428.3/16$

Left Out: 1229.693 ± 81.548 $\chi^2/\text{NDF}: 1430.7/11$

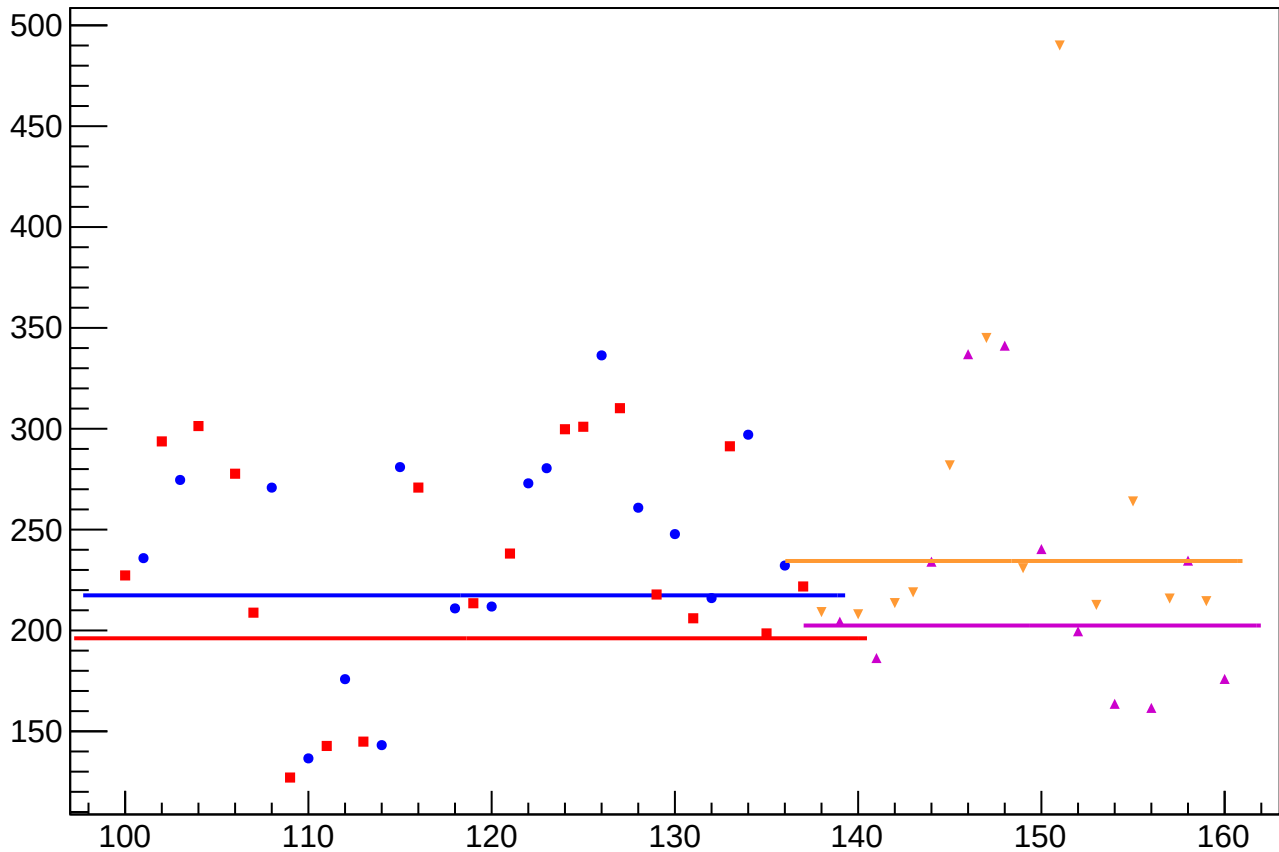
Right Out: 1121.203 ± 78.396 $\chi^2/\text{NDF}: 670.1/18$

Left In: -344.979 ± 71.304 $\chi^2/\text{NDF}: 1094.3/10$

610.821 ± 59.802 $\chi^2/\text{NDF}: 1983.6/28$

318.807 ± 52.749 $\chi^2/\text{NDF}: 1955.8/29$

asym_bcm0l02_rms vs Slug



Right In: 217.403 $\pm$ 0.062 χ^2 /NDF: 652632.9/16

Left Out: 234.445 $\pm$ 0.058 χ^2 /NDF: 735628.7/11

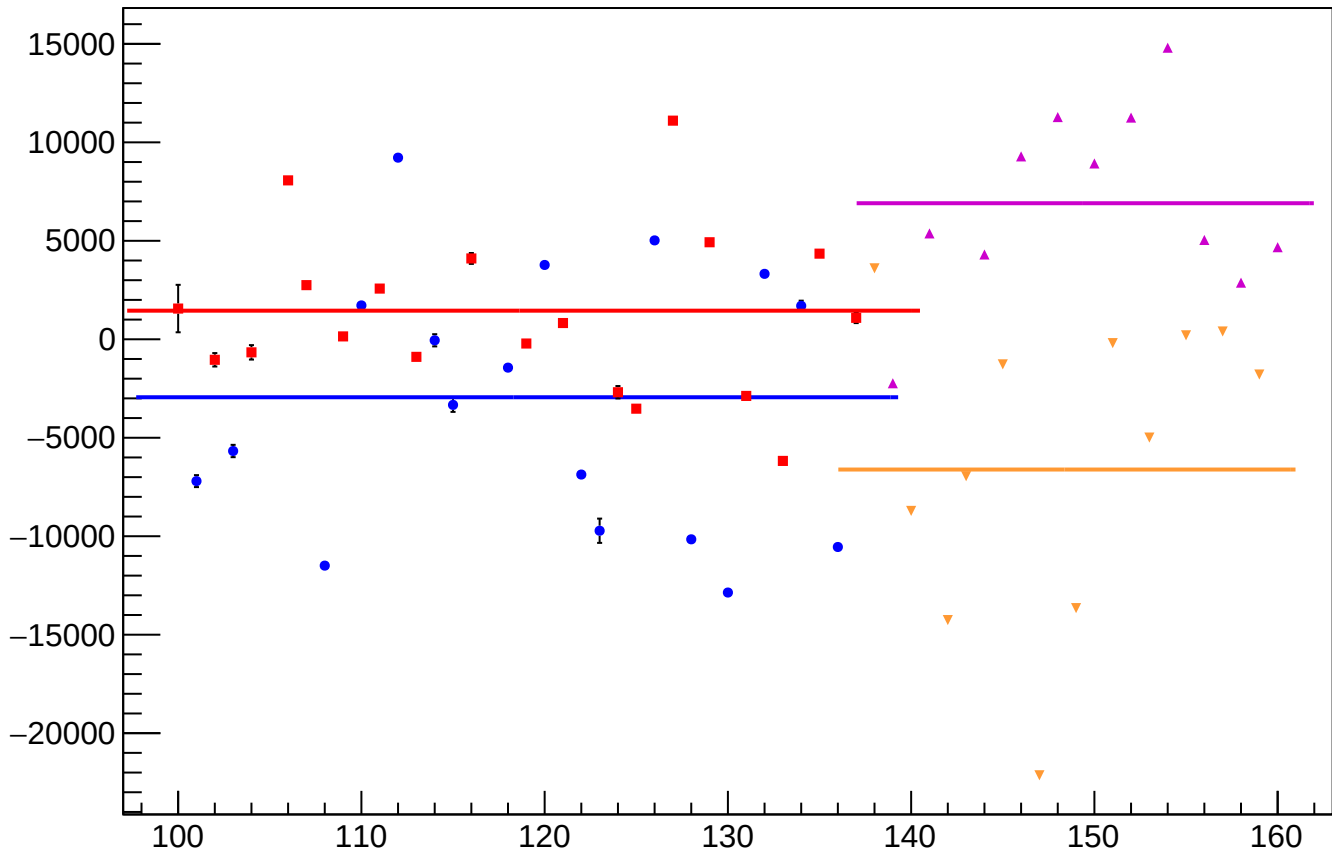
Right Out: 196.112 $\pm$ 0.055 χ^2 /NDF: 1190862.3/18

Left In: 202.448 $\pm$ 0.050 χ^2 /NDF: 854373.3/10

226.568 $\pm$ 0.042 χ^2 /NDF: 1428636.1/28

199.579 $\pm$ 0.037 χ^2 /NDF: 2052383.9/29

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123 ± 48.612 χ^2/NDF : 20909.8/16

Left Out: -6613.344 ± 42.576 χ^2/NDF : 32436.3/11

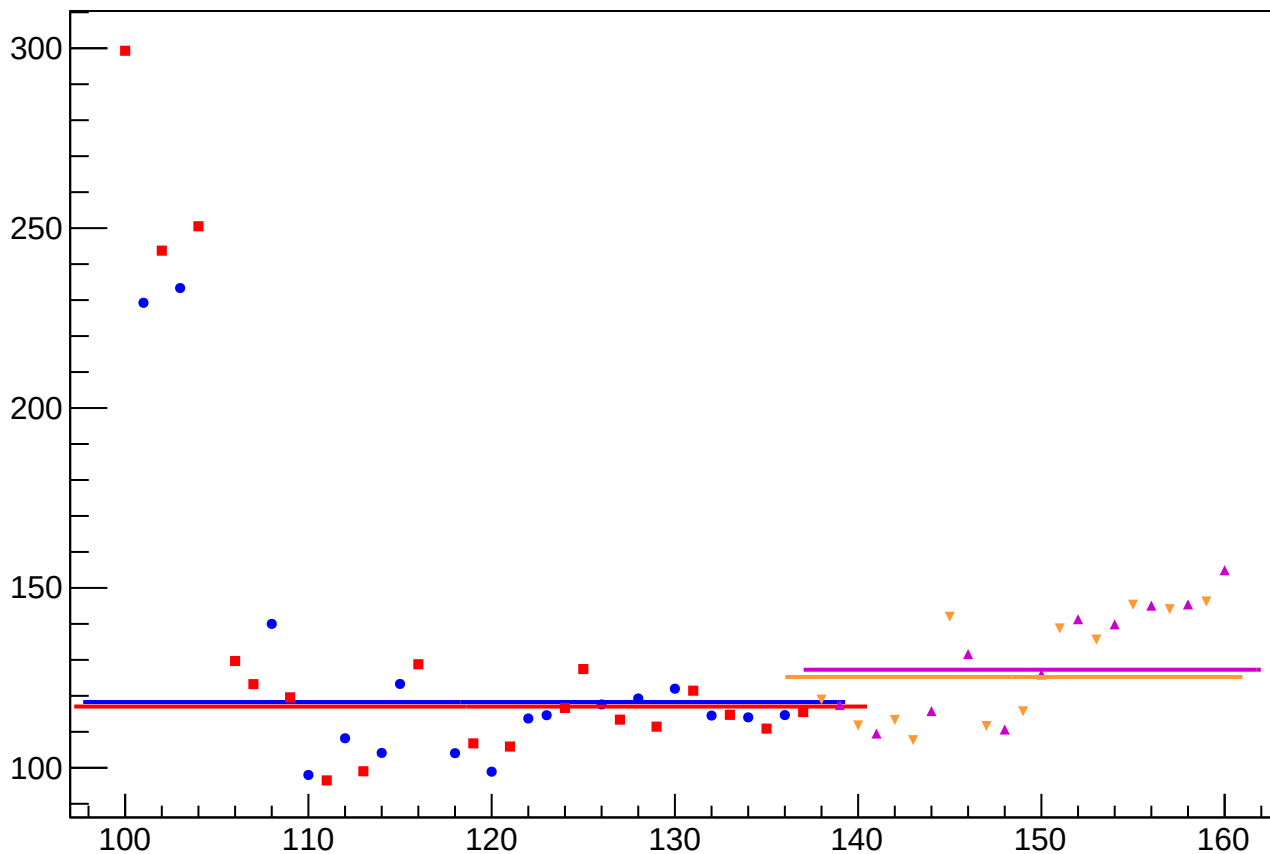
Right Out: 1453.116 ± 46.404 χ^2/NDF : 7996.0/18

Left In: 6908.485 ± 43.223 χ^2/NDF : 10762.5/10

-5020.142 ± 32.028 χ^2/NDF : 56572.0/28

4374.132 ± 31.628 χ^2/NDF : 26158.9/29

asym_bpm2i01WS_rms vs Slug



Right In: 118.286+/-0.034 χ^2/NDF : 636918.0/16

Left Out: 125.232+/-0.030 χ^2/NDF : 237695.1/11

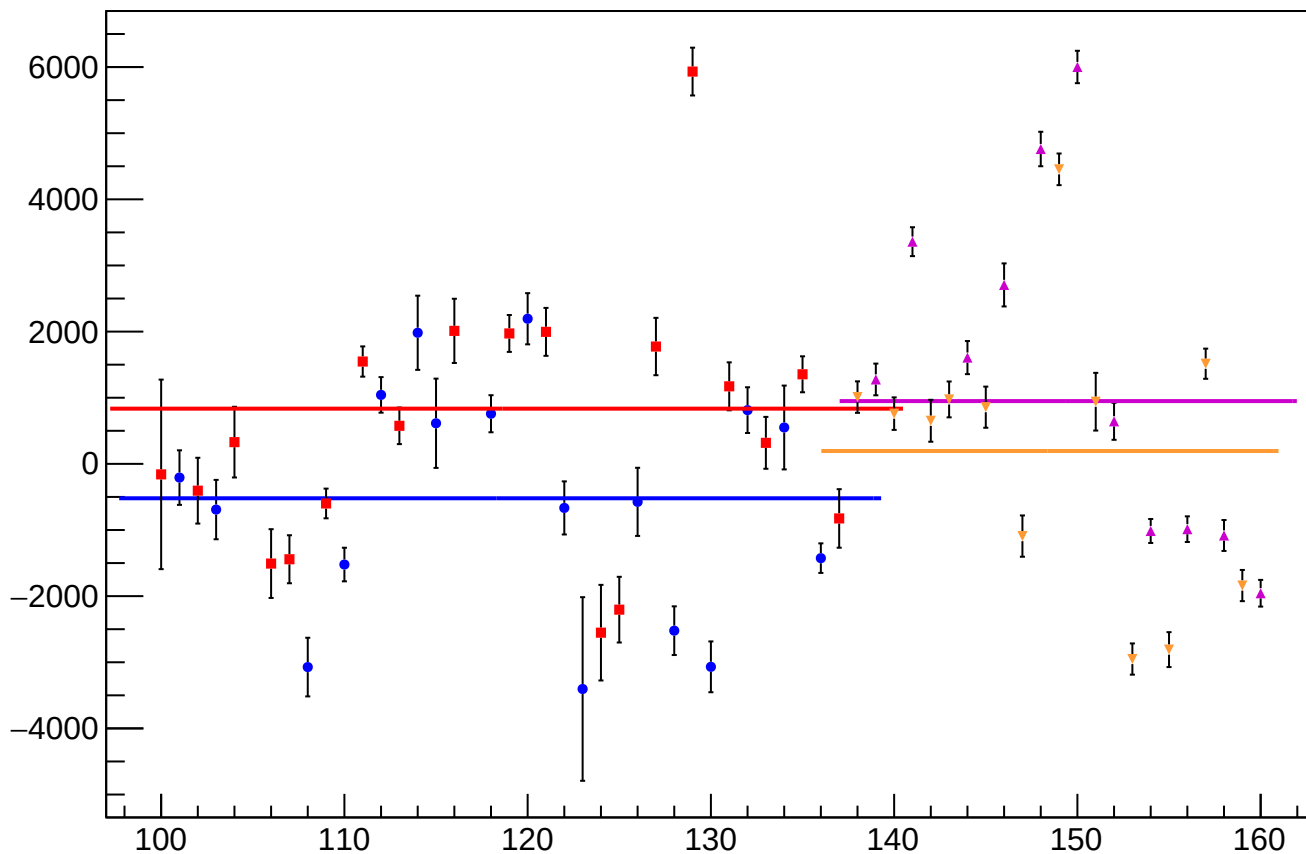
Right Out: 117.031+/-0.033 χ^2/NDF : 690861.5/18

Left In: 127.267+/-0.031 χ^2/NDF : 234833.3/10

122.217+/-0.023 χ^2/NDF : 897725.9/28

122.512+/-0.022 χ^2/NDF : 977797.0/29

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 χ^2/NDF : 288.1/16

Left Out: 194.529 ± 76.567 χ^2/NDF : 783.6/11

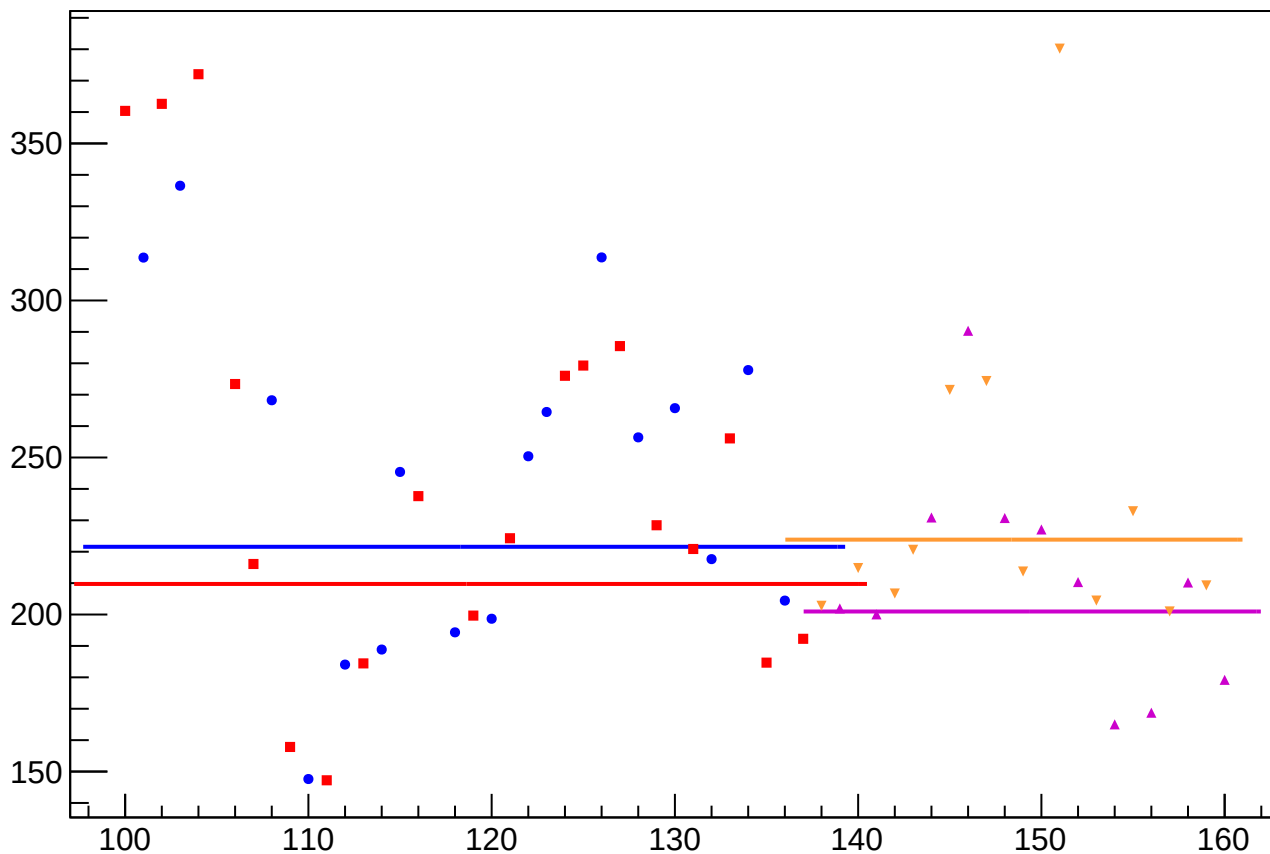
Right Out: 834.834 ± 82.273 χ^2/NDF : 434.7/18

Left In: 949.235 ± 69.373 χ^2/NDF : 1300.0/10

-108.549 ± 58.110 χ^2/NDF : 1108.7/28

901.696 ± 53.036 χ^2/NDF : 1735.9/29

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 ± 0.063 χ^2/NDF : 644941.4/16

Left Out: 223.847 ± 0.054 χ^2/NDF : 427886.1/11

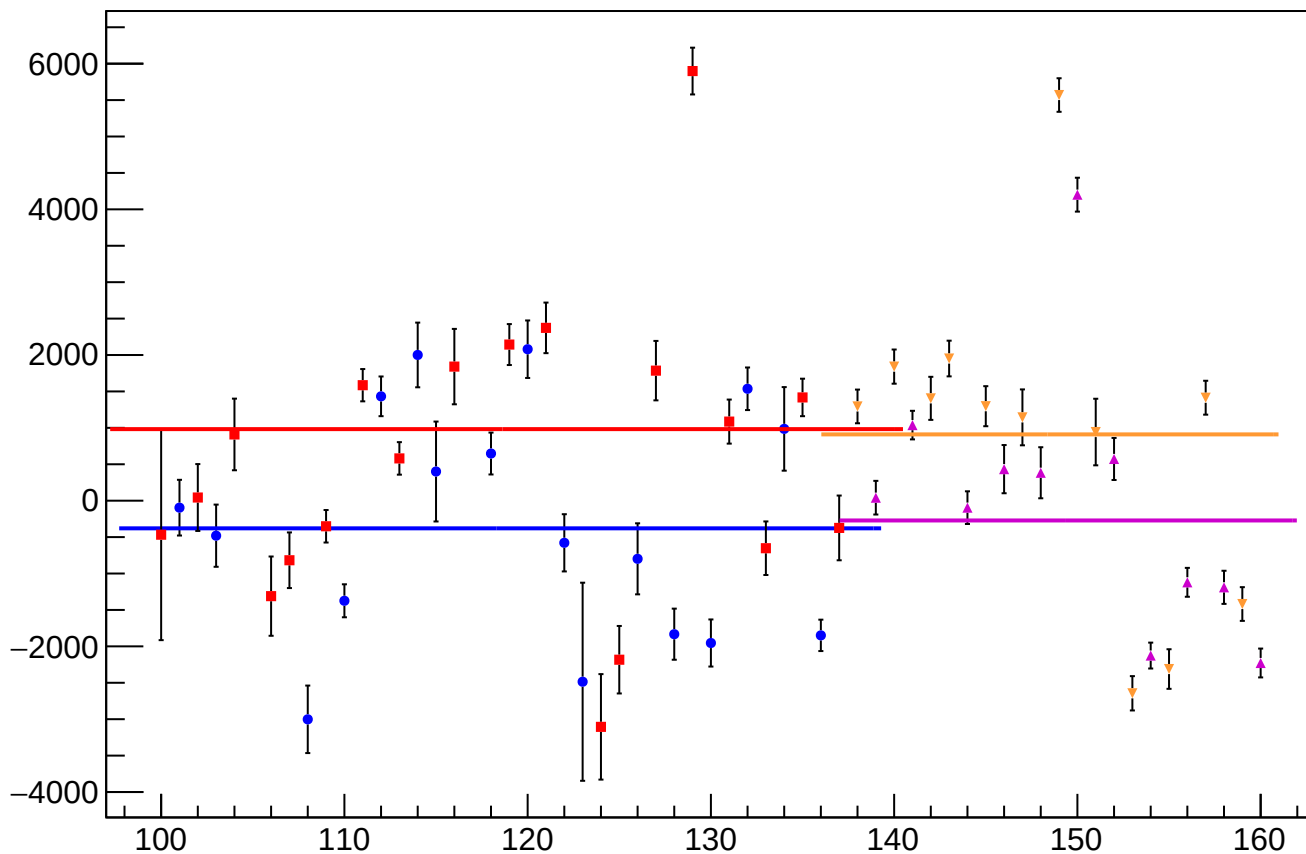
Right Out: 209.736 ± 0.058 χ^2/NDF : 883922.1/18

Left In: 200.964 ± 0.049 χ^2/NDF : 390743.7/10

222.882 ± 0.041 χ^2/NDF : 1073577.8/28

204.609 ± 0.038 χ^2/NDF : 1287954.4/29

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 910.165 ± 75.096 χ^2/NDF : 925.0/11

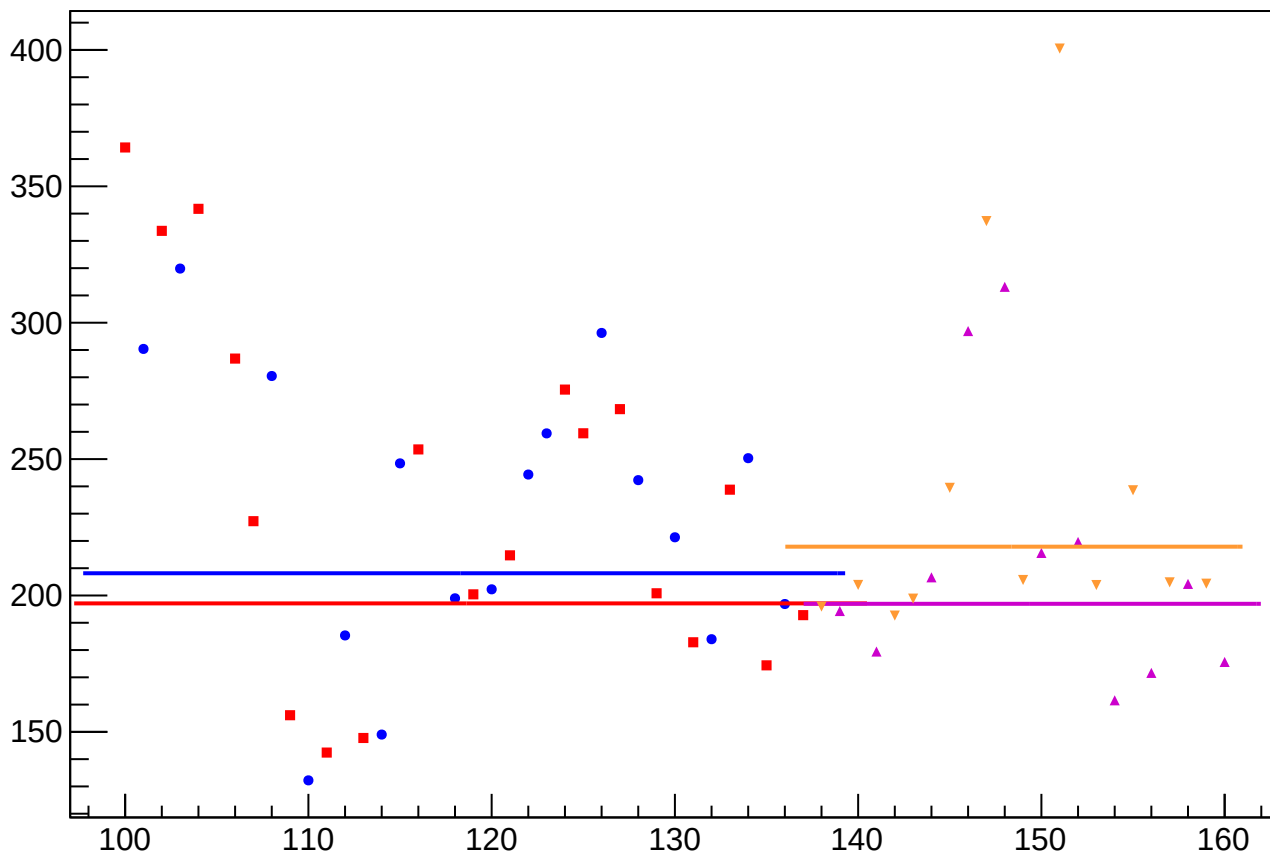
Right Out: 982.539 ± 77.724 χ^2/NDF : 476.3/18

Left In: -271.548 ± 68.328 χ^2/NDF : 674.3/10

339.184 ± 56.062 χ^2/NDF : 1372.7/28

275.143 ± 51.317 χ^2/NDF : 1297.4/29

asym_bpm0l01WS_rms vs Slug



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 217.896+/-0.053 χ^2/NDF : 614527.8/11

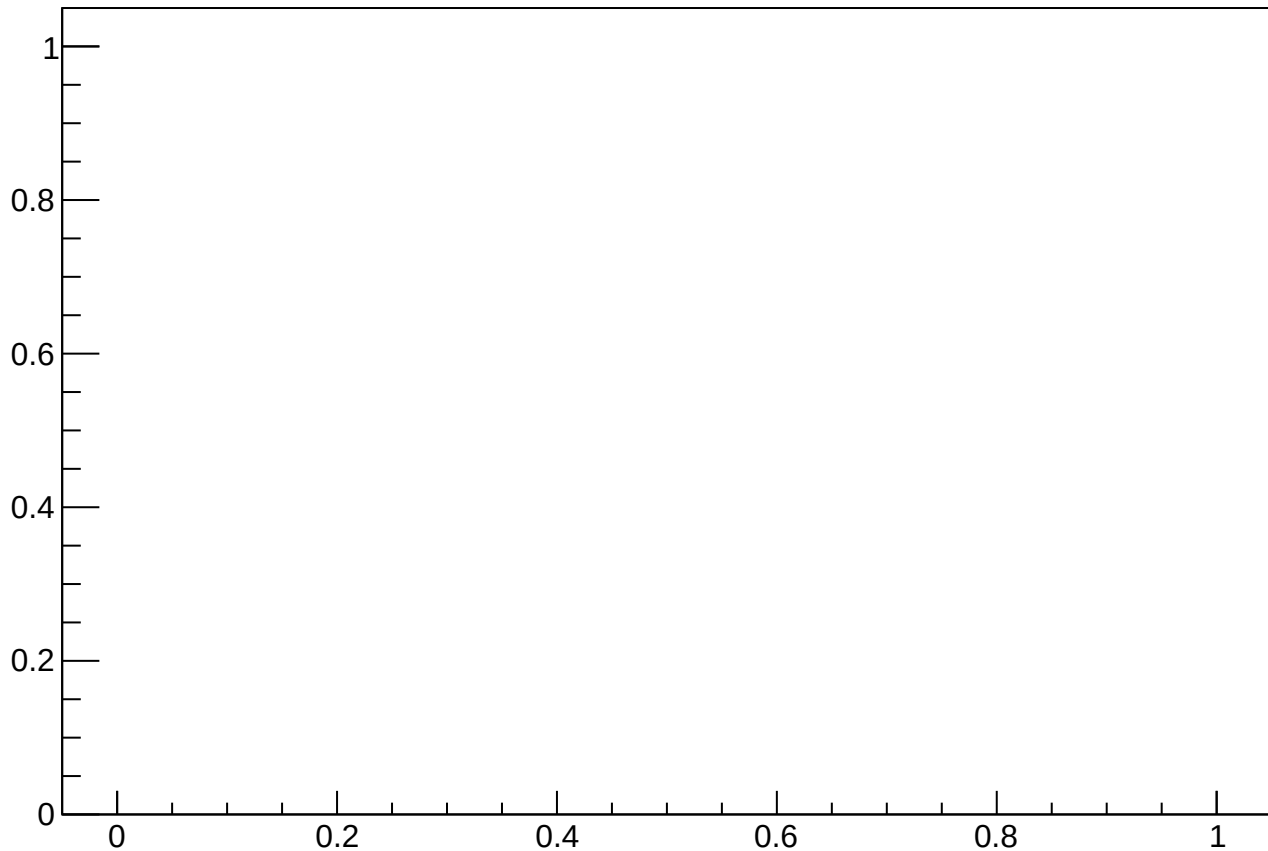
Right Out: 197.103+/-0.055 χ^2/NDF : 926467.5/18

Left In: 196.951+/-0.048 χ^2/NDF : 584470.7/10

213.582+/-0.040 χ^2/NDF : 1328521.8/28

197.017+/-0.036 χ^2/NDF : 1510942.4/29

bcm_an_us_ds_dd_mean 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

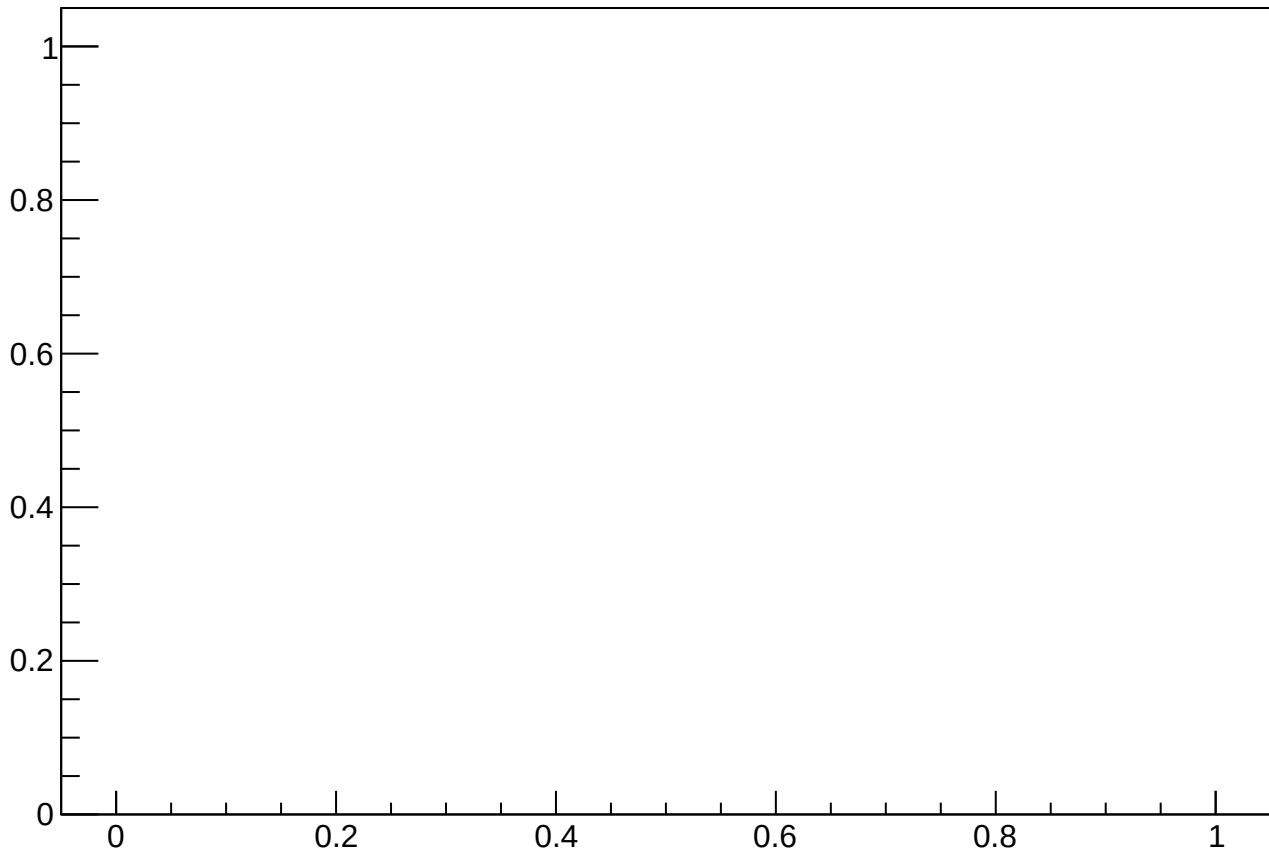
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_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

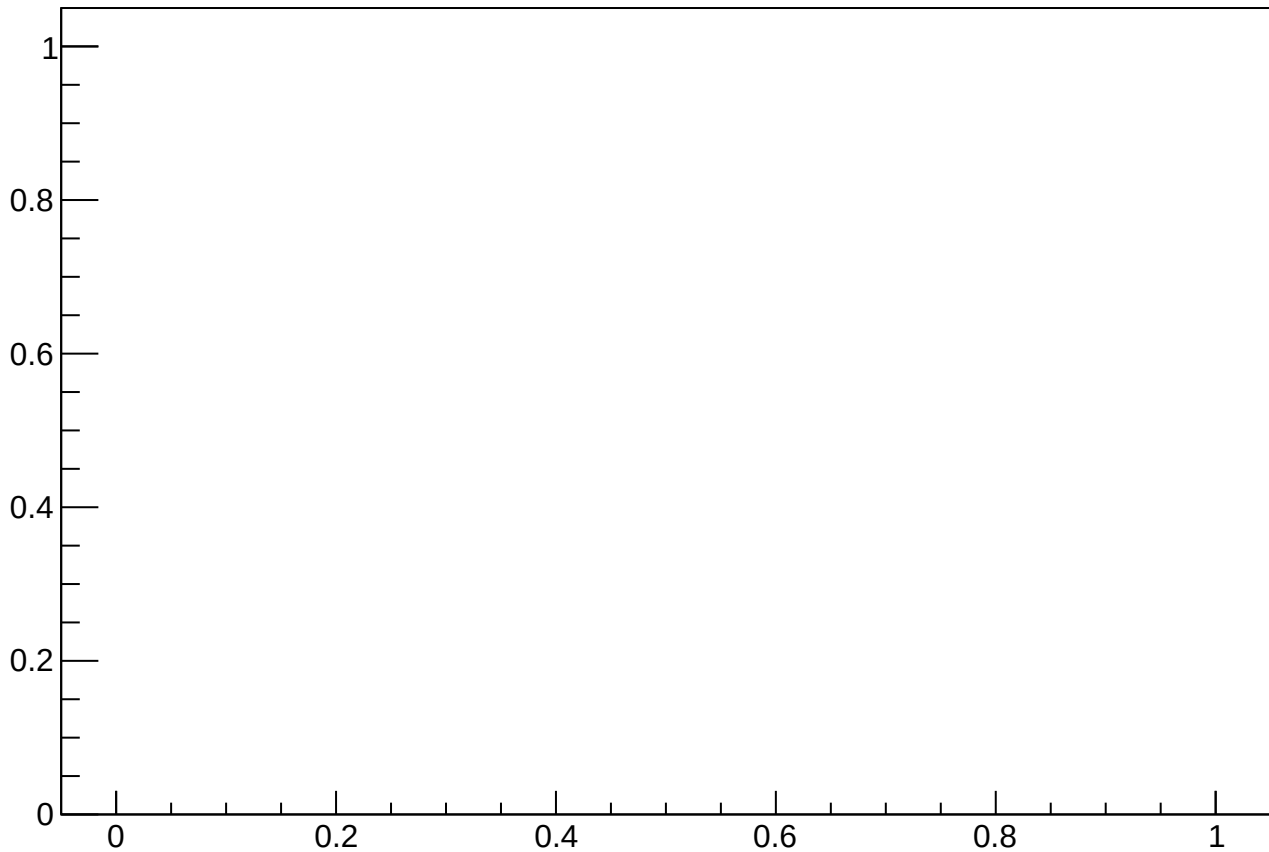
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_dd_mean 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

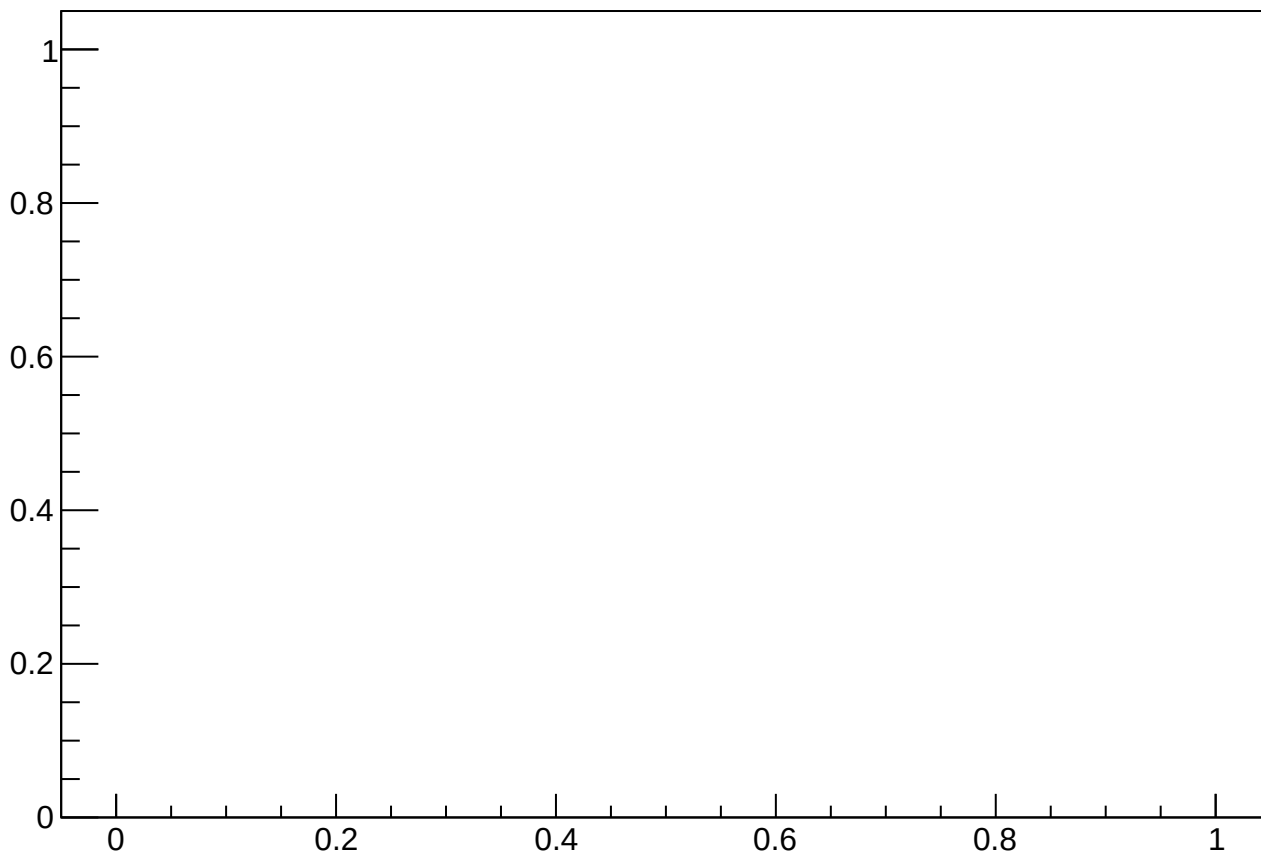
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_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

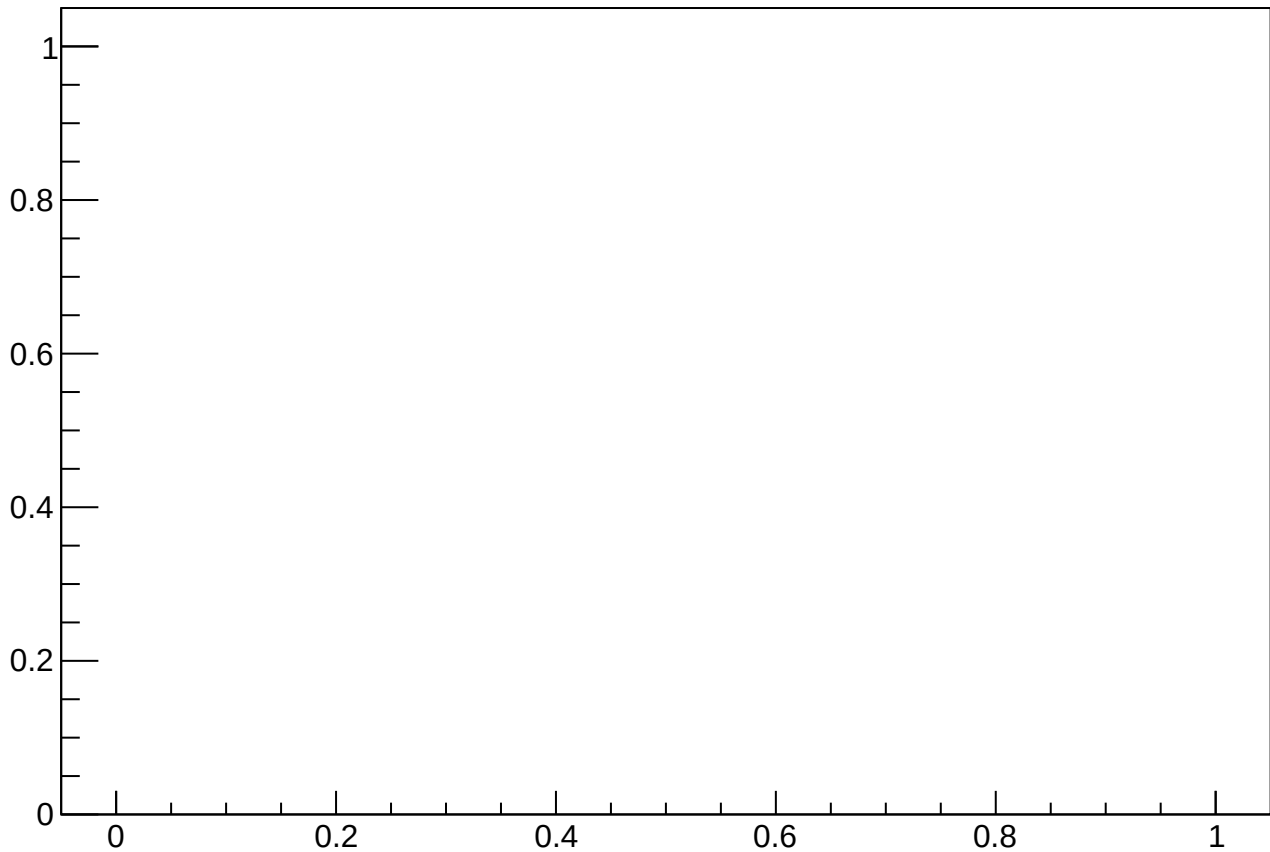
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean 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

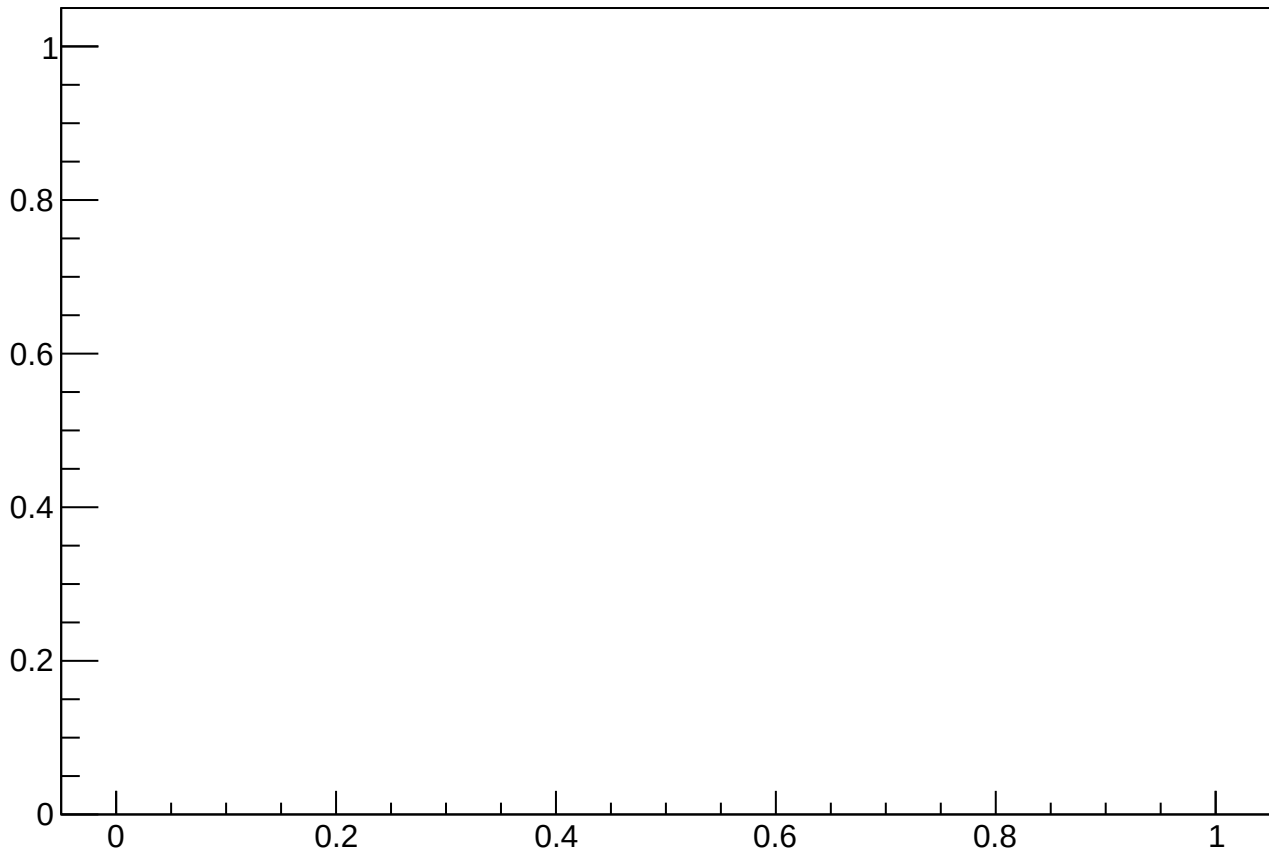
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_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

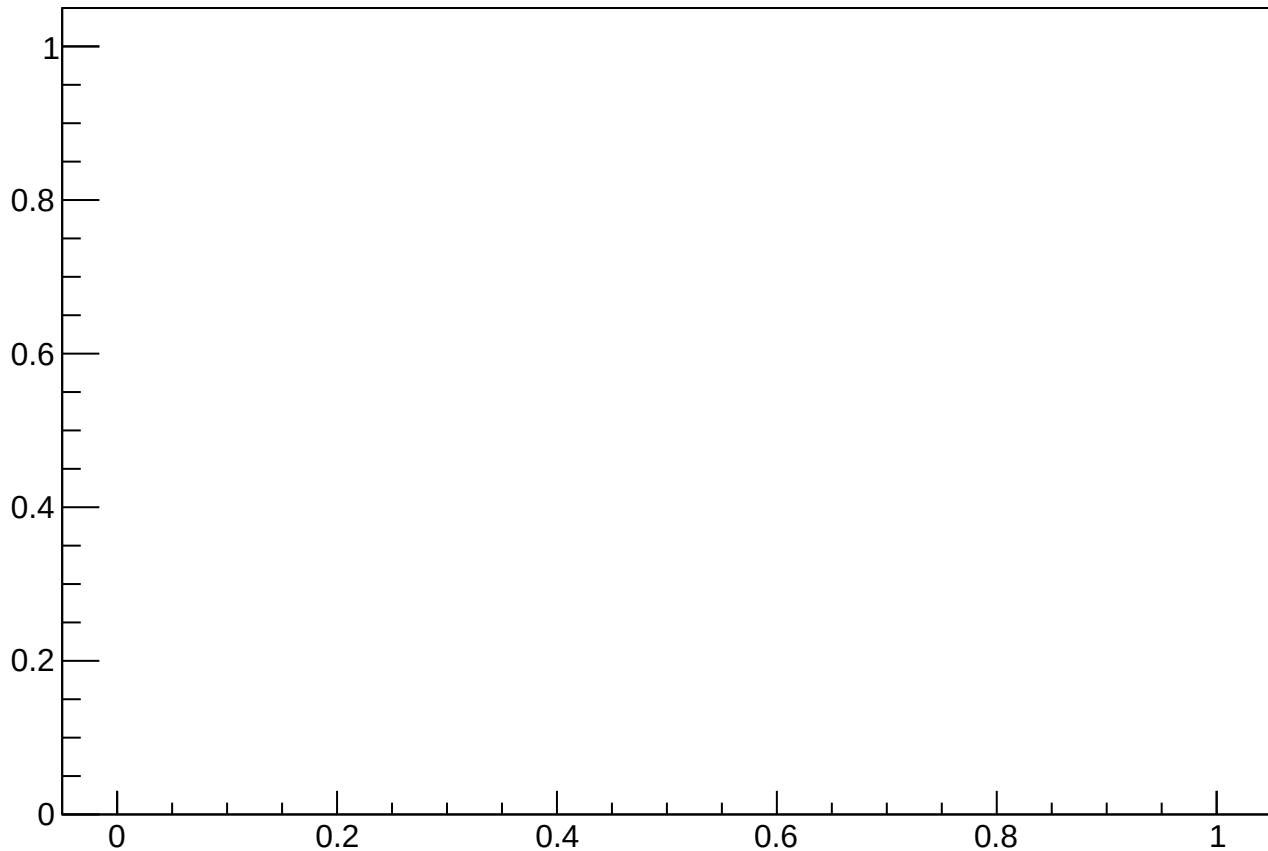
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean 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

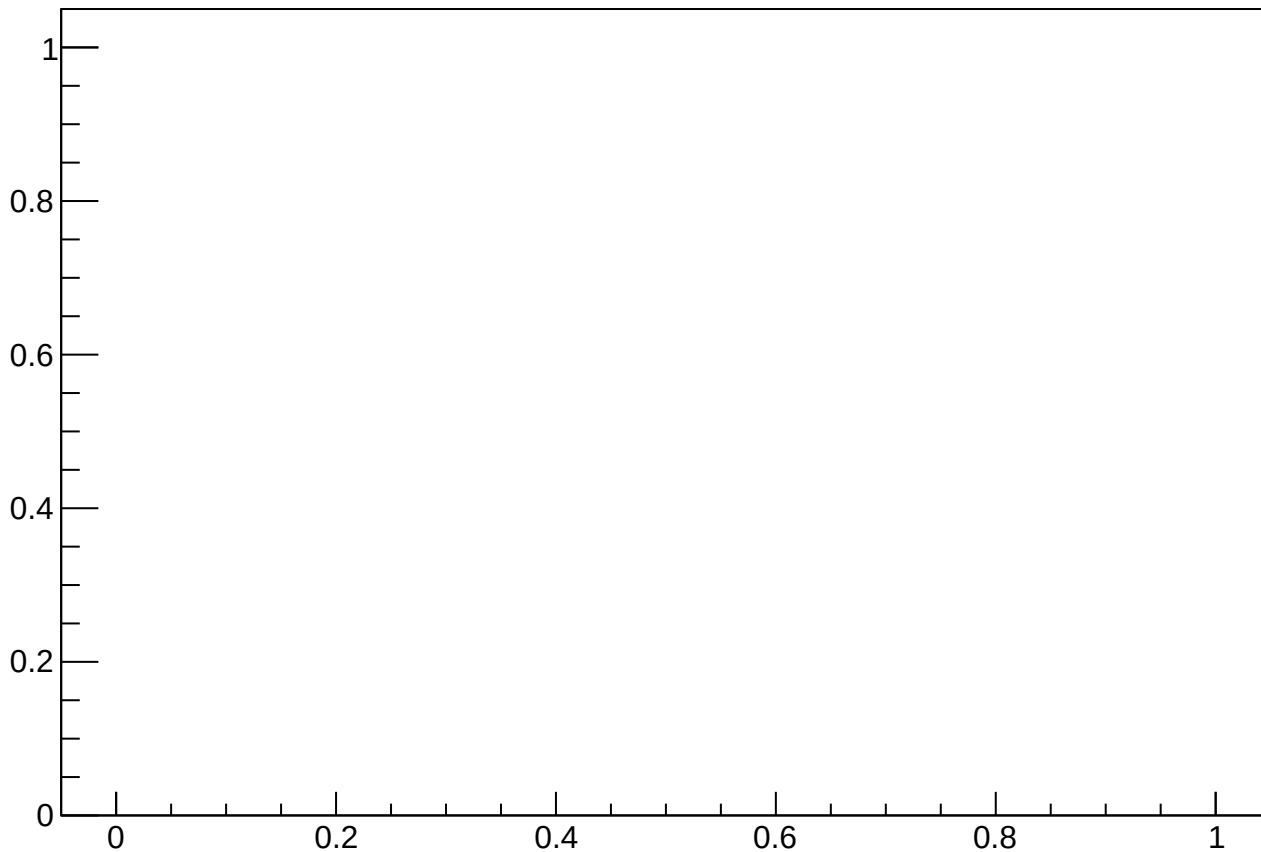
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_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

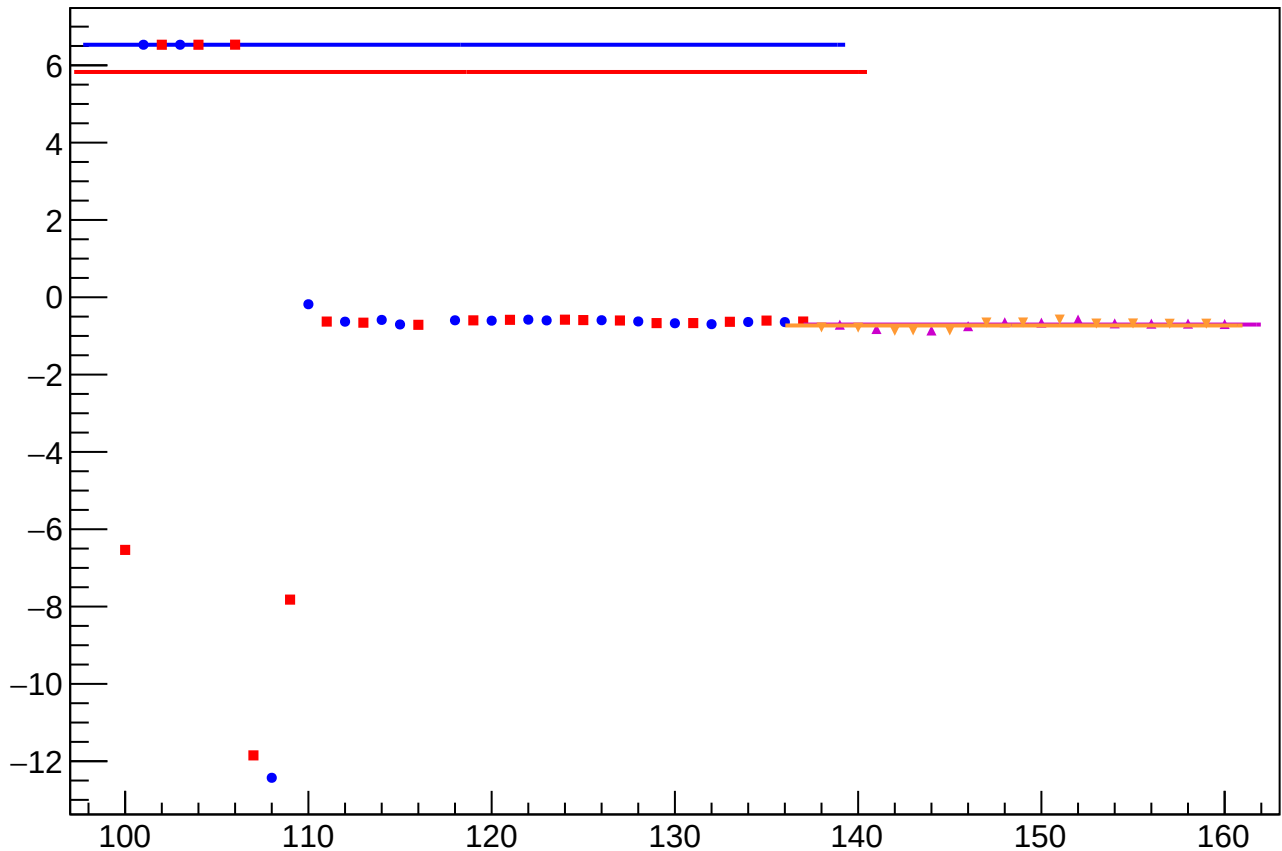
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.729 $\pm$ 0.000 χ^2 /NDF: 72032866.2/11

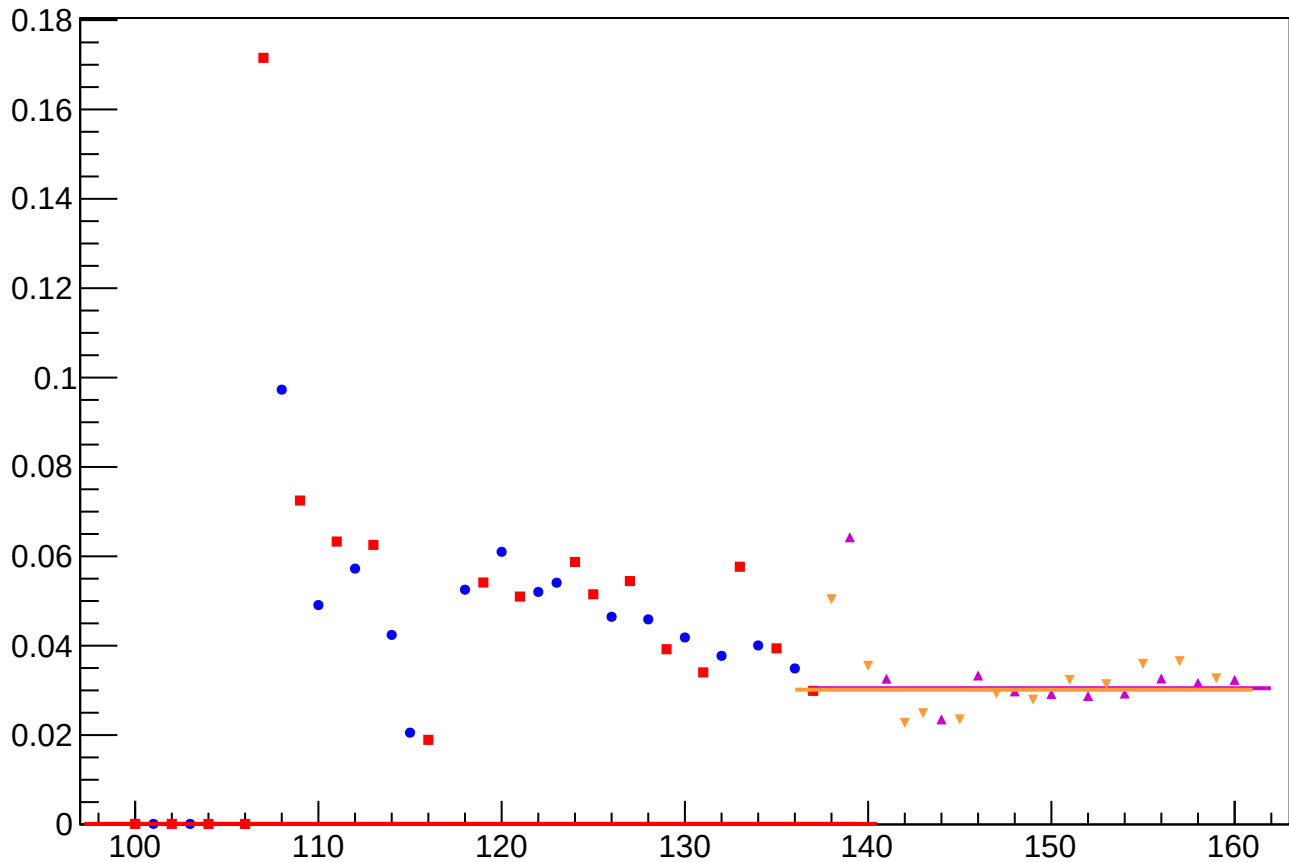
Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755963218053643.4/18

Left In: -0.706 $\pm$ 0.000 χ^2 /NDF: 54750716.8/10

6.531 $\pm$ 0.000 χ^2 /NDF: 531630088507.4/28

5.827 $\pm$ 0.000 χ^2 /NDF: 756289828930906.9/29

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.030+/-0.000 χ^2/NDF :516121.5/11

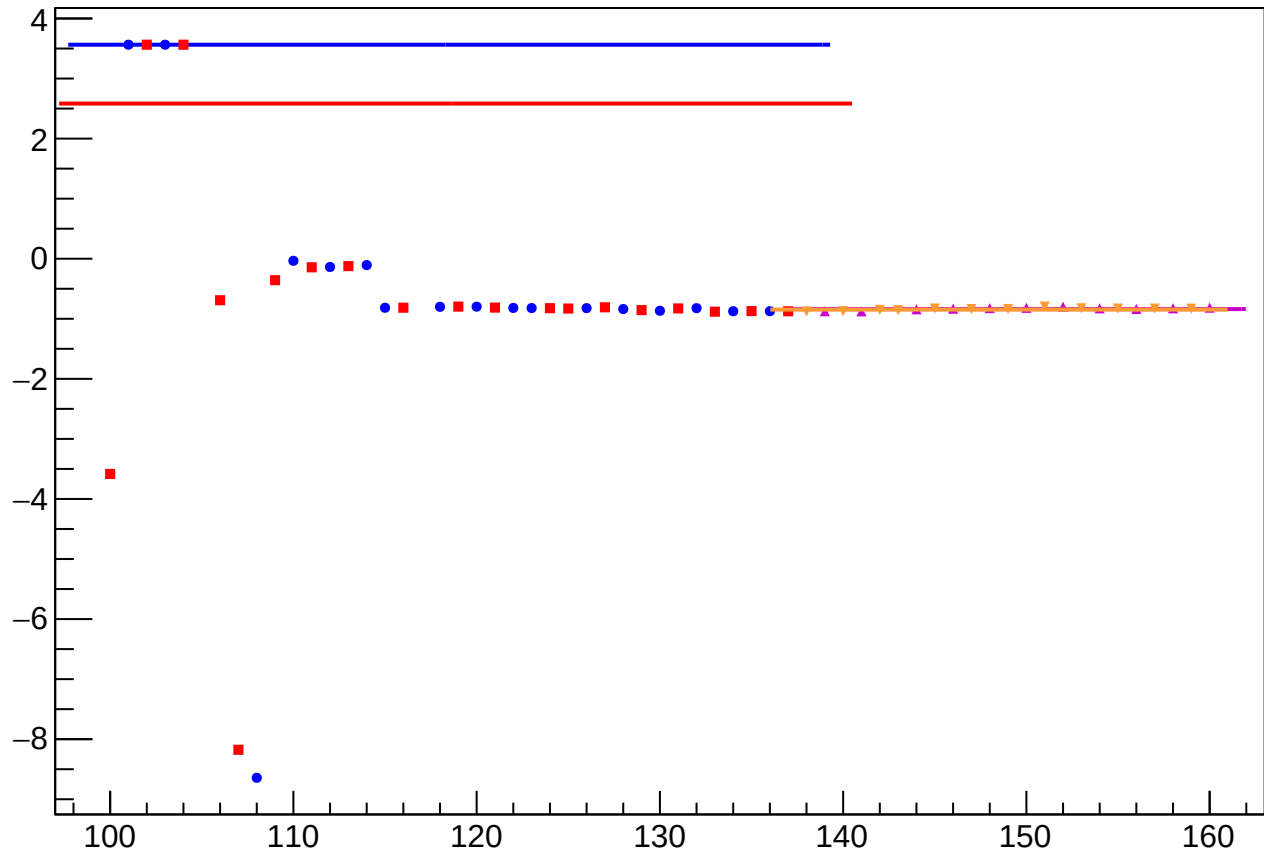
Right Out: 0.000+/-0.000 χ^2/NDF : 9349631.9/18

Left In: 0.030+/-0.000 χ^2/NDF :534201.4/10

0.000+/-0.000 χ^2/NDF : 23234670.8/28

0.000+/-0.000 χ^2/NDF : 23989566.6/29

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.847+/-0.000 χ^2/NDF : 37498978.9/11

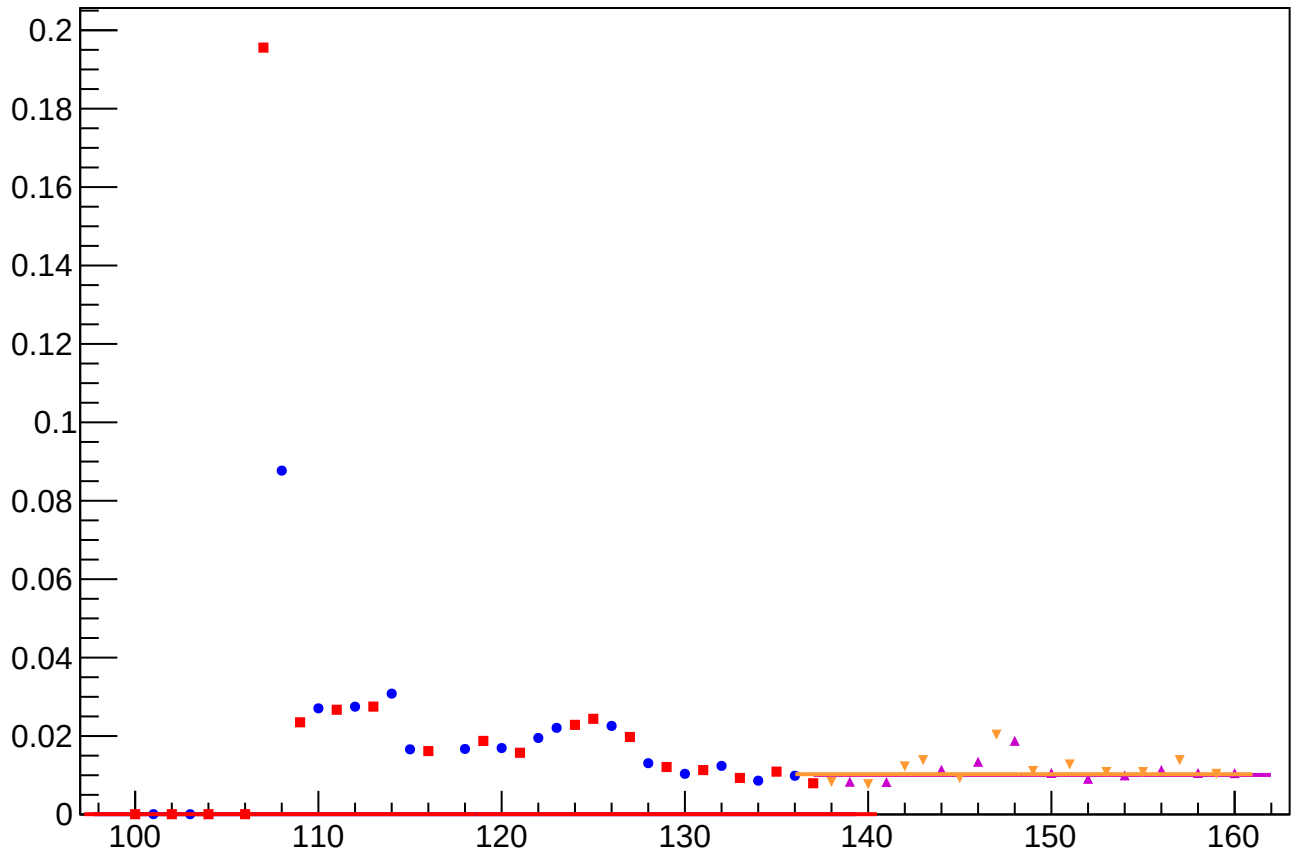
Right Out: 2.583+/-0.000 χ^2/NDF : 1253502070019187.0/18

Left In: -0.839+/-0.000 χ^2/NDF : 51785361.7/10

3.562+/-0.000 χ^2/NDF : 1707893644223.6/28

2.583+/-0.000 χ^2/NDF : 1254284090132128.2/28

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.010+/-0.000 χ^2/NDF : 803842.8/11

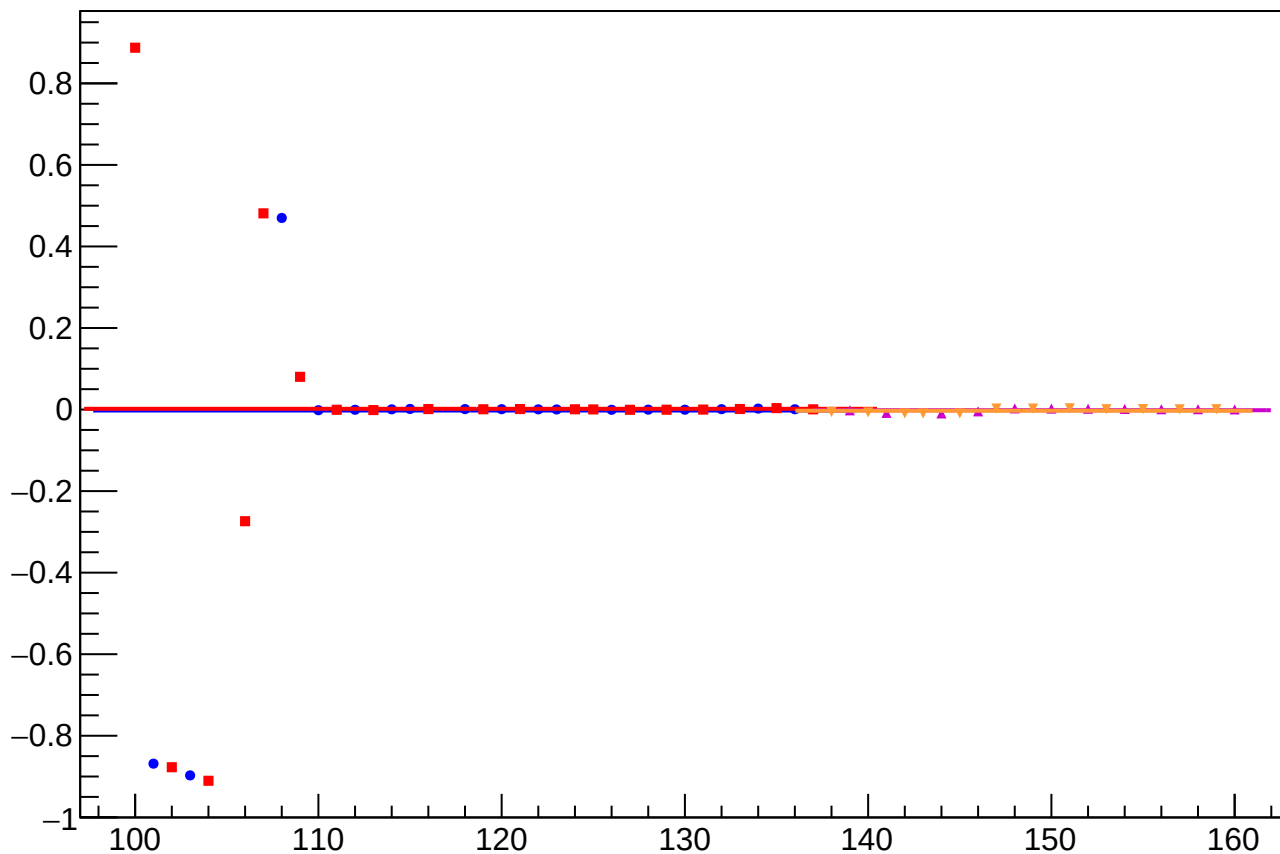
Right Out: 0.000+/-0.000 χ^2/NDF : 9861757.0/18

Left In: 0.010+/-0.000 χ^2/NDF : 556406.6/10

0.000+/-0.000 χ^2/NDF : 23639105.7/28

0.000+/-0.000 χ^2/NDF : 23792955.7/29

yield_cav4cX_mean vs Slug



Right In: -0.002 $\pm$ 0.000 χ^2 /NDF: 9794863405.3/16

Left Out: -0.003 $\pm$ 0.000 χ^2 /NDF: 78369808.2/11

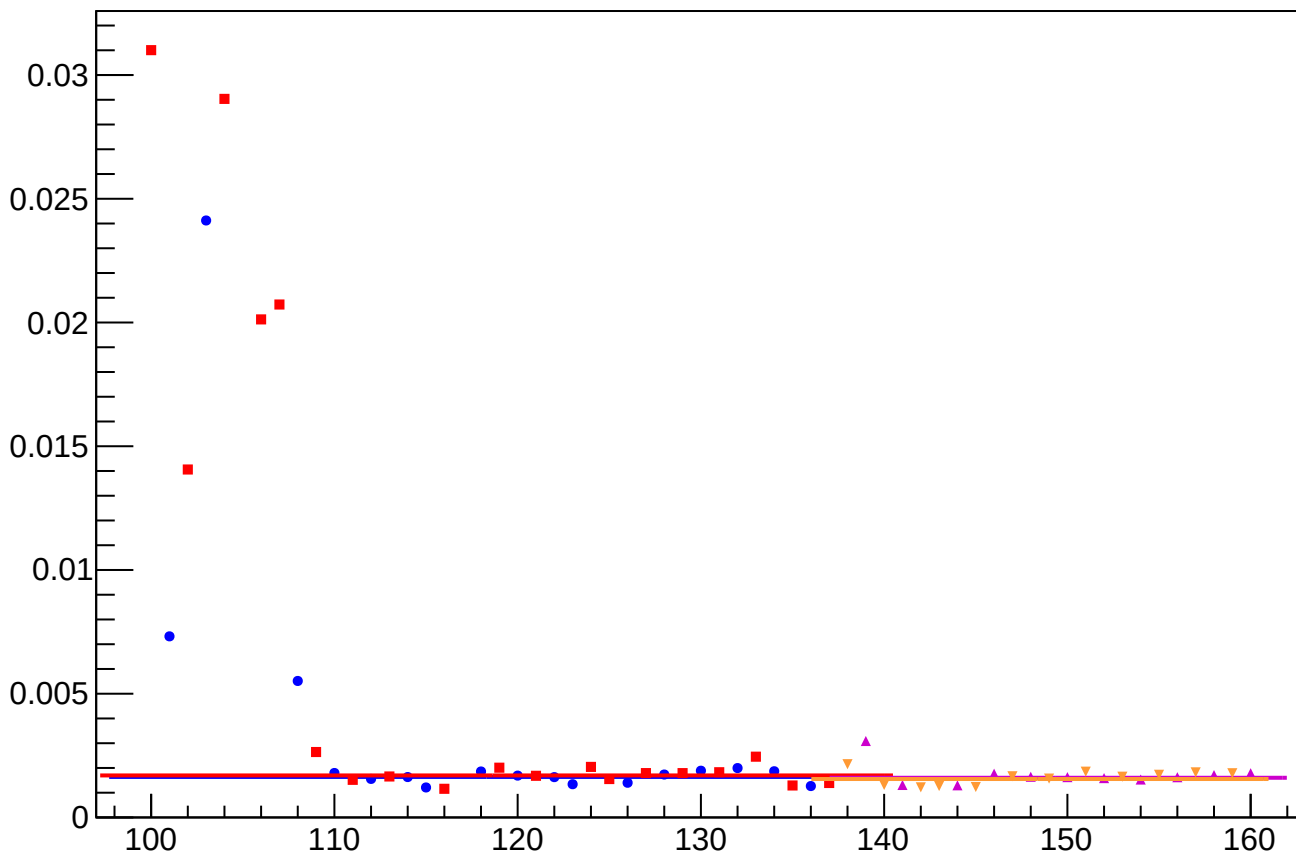
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3041319824.4/18

Left In: -0.002 $\pm$ 0.000 χ^2 /NDF: 58230076.9/10

-0.003 $\pm$ 0.000 χ^2 /NDF: 9873490507.3/28

-0.000 $\pm$ 0.000 χ^2 /NDF: 3111382186.9/29

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1916349.1/16

Left Out: 0.002+/-0.000 χ^2/NDF : 402205.3/11

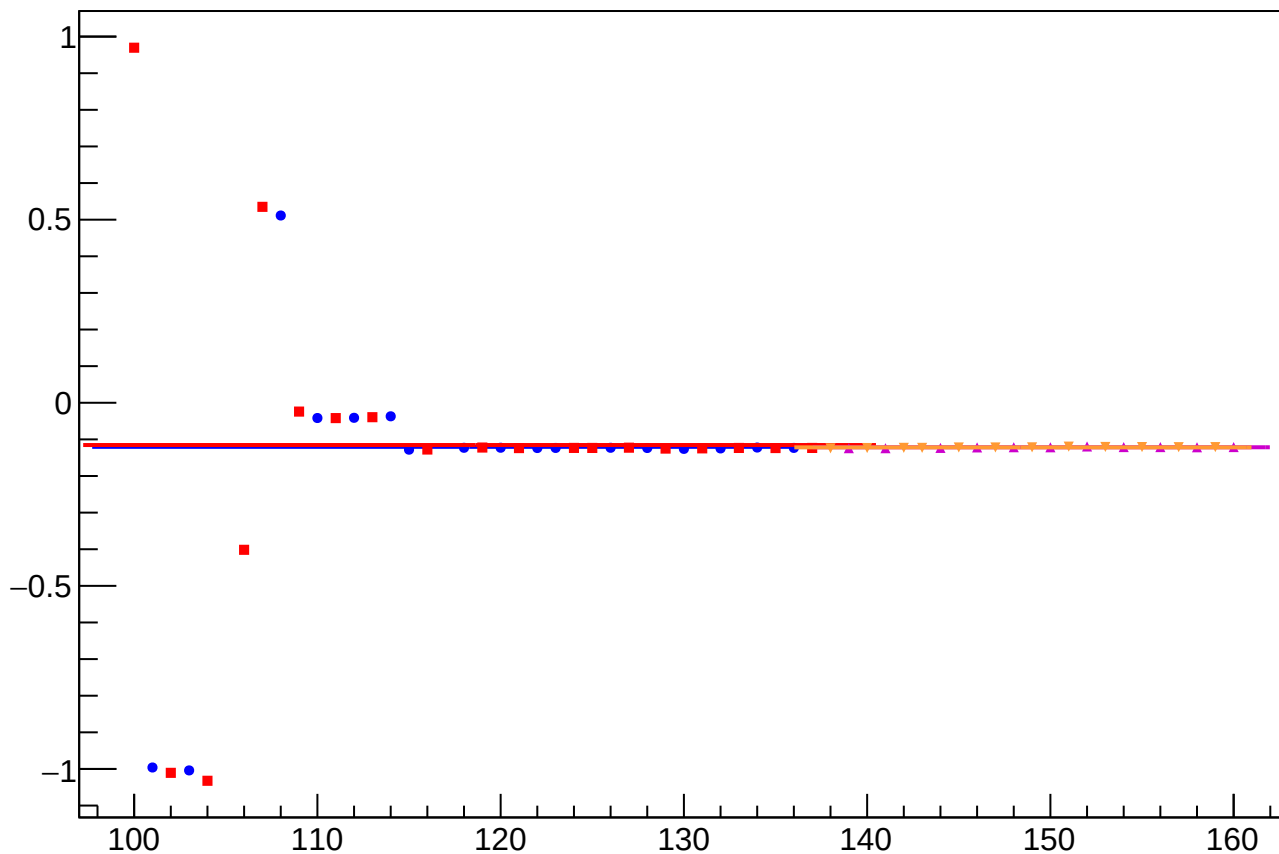
Right Out: 0.002+/-0.000 χ^2/NDF : 3023899.0/18

Left In: 0.002+/-0.000 χ^2/NDF : 494704.5/10

0.002+/-0.000 χ^2/NDF : 2333677.9/28

0.002+/-0.000 χ^2/NDF : 3536207.6/29

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2/NDF : 3932144335.2/16

Left Out: -0.122+/-0.000 χ^2/NDF :10084628.0/11

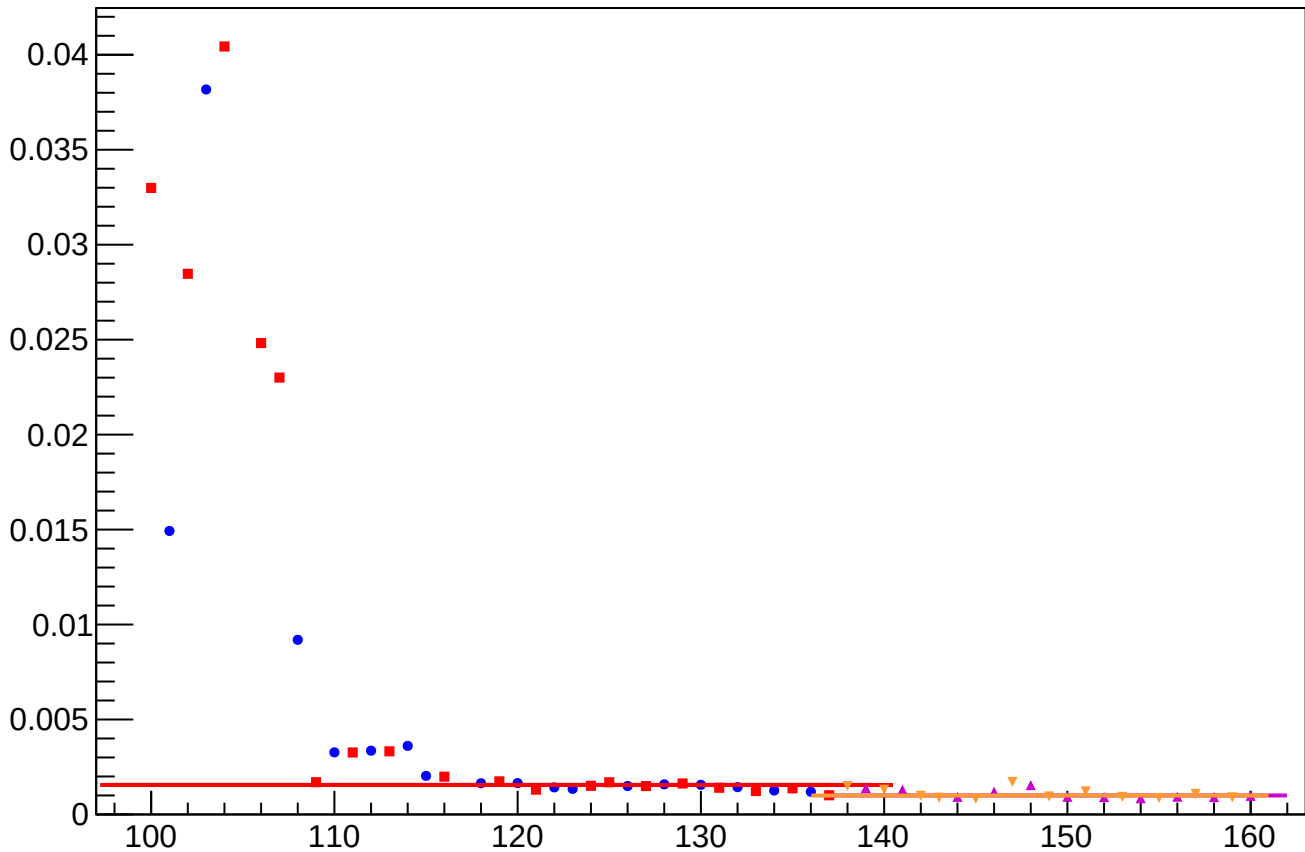
-0.121+/-0.000 χ^2/NDF : 3945354660.8/28

Right Out: -0.115+/-0.000 χ^2/NDF : 2456843337.8/18

-0.120+/-0.000 χ^2/NDF : 2527424966.9/29

Left In: -0.122+/-0.000 χ^2/NDF :13147452.8/10

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2901093.3/16

Left Out: 0.001+/-0.000 χ^2/NDF : 682294.9/11

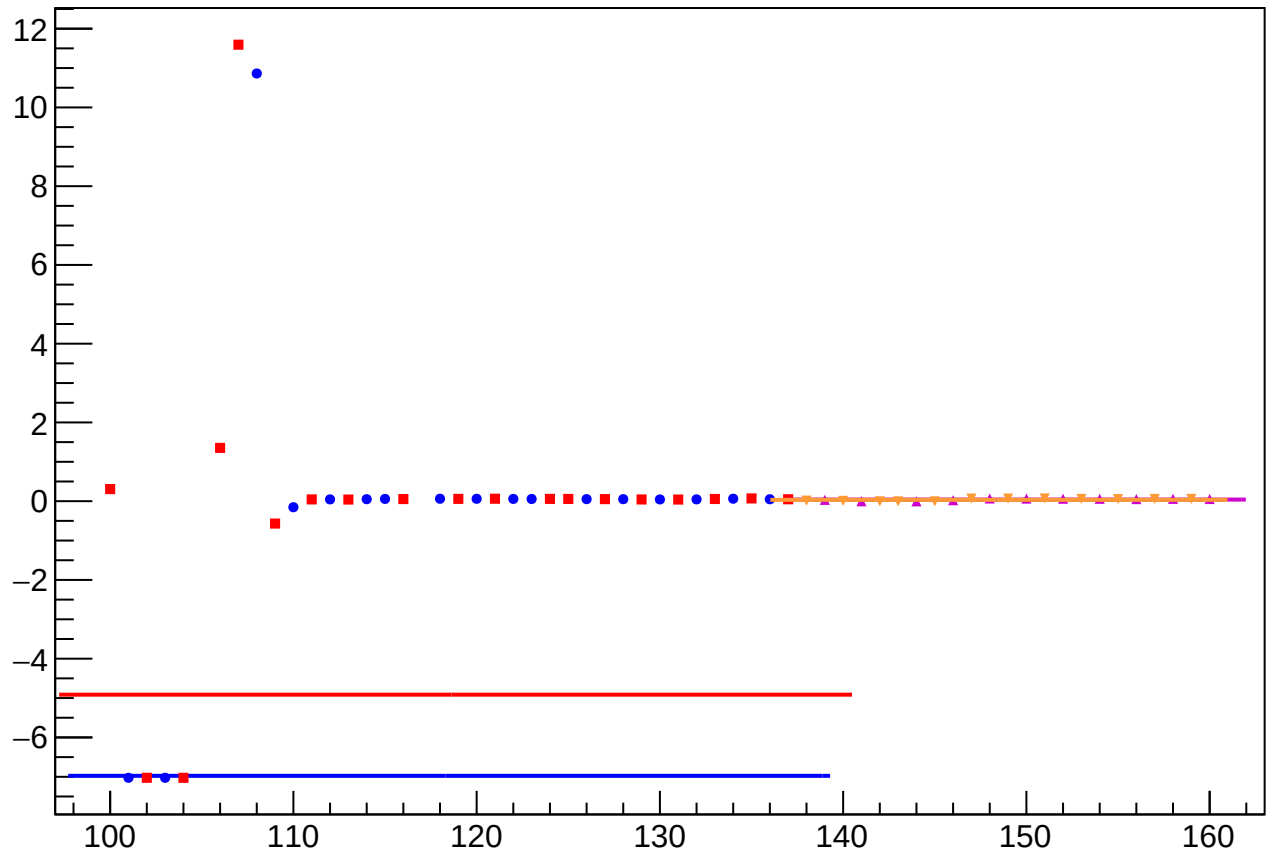
0.001+/-0.000 χ^2/NDF : 4544722.7/28

Right Out: 0.002+/-0.000 χ^2/NDF : 3539455.6/18

0.001+/-0.000 χ^2/NDF : 4994267.3/29

Left In: 0.001+/-0.000 χ^2/NDF : 515266.2/10

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2 /NDF: 8749579700722.8/16

Left Out: 0.034+/-0.000 χ^2 /NDF: 78626823.5/11

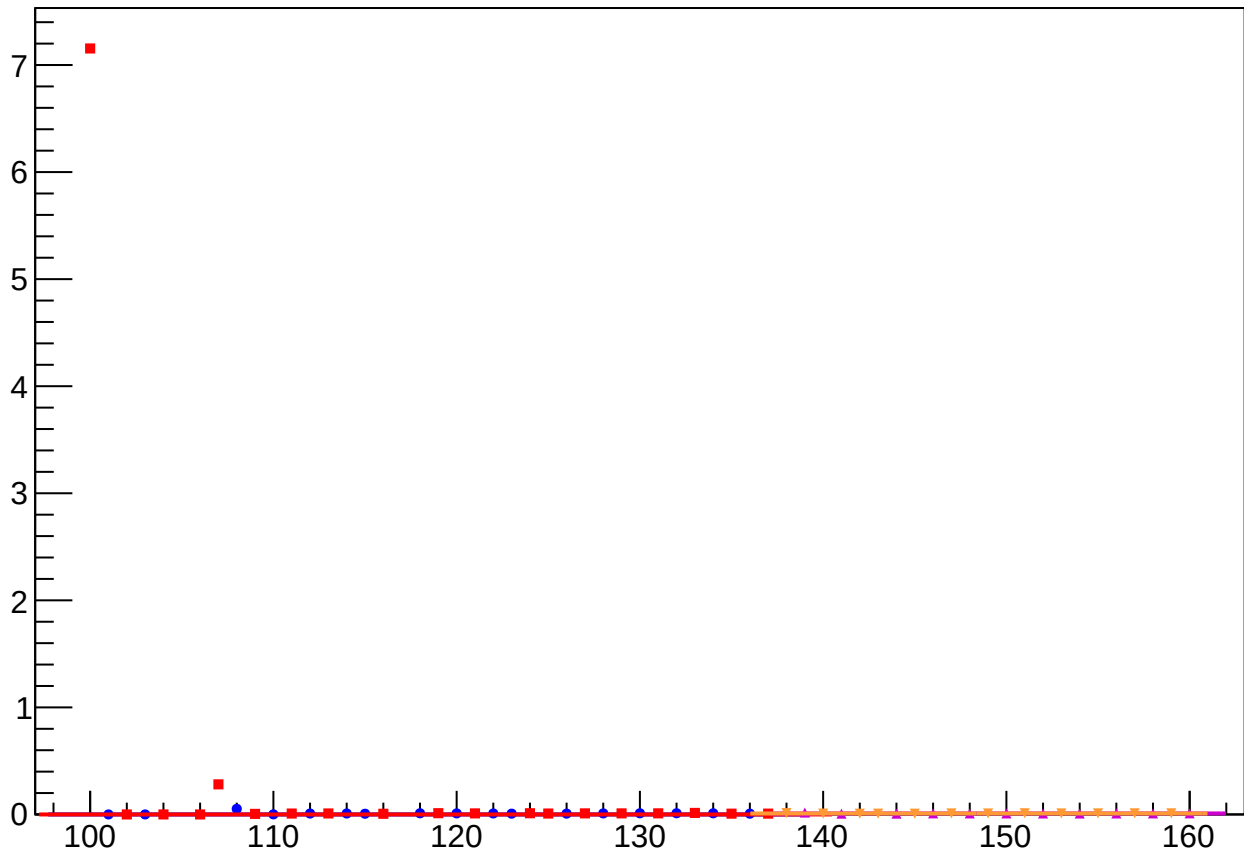
-6.952+/-0.000 χ^2 /NDF: 12810091873431.6/28

Right Out: -4.914+/-0.000 χ^2 /NDF: 365358092730279.9/18

-4.899+/-0.000 χ^2 /NDF: 367332480506133.6/2

Left In: 0.041+/-0.000 χ^2 /NDF: 64133554.3/10

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.009+/-0.000 χ^2/NDF :399627.9/11

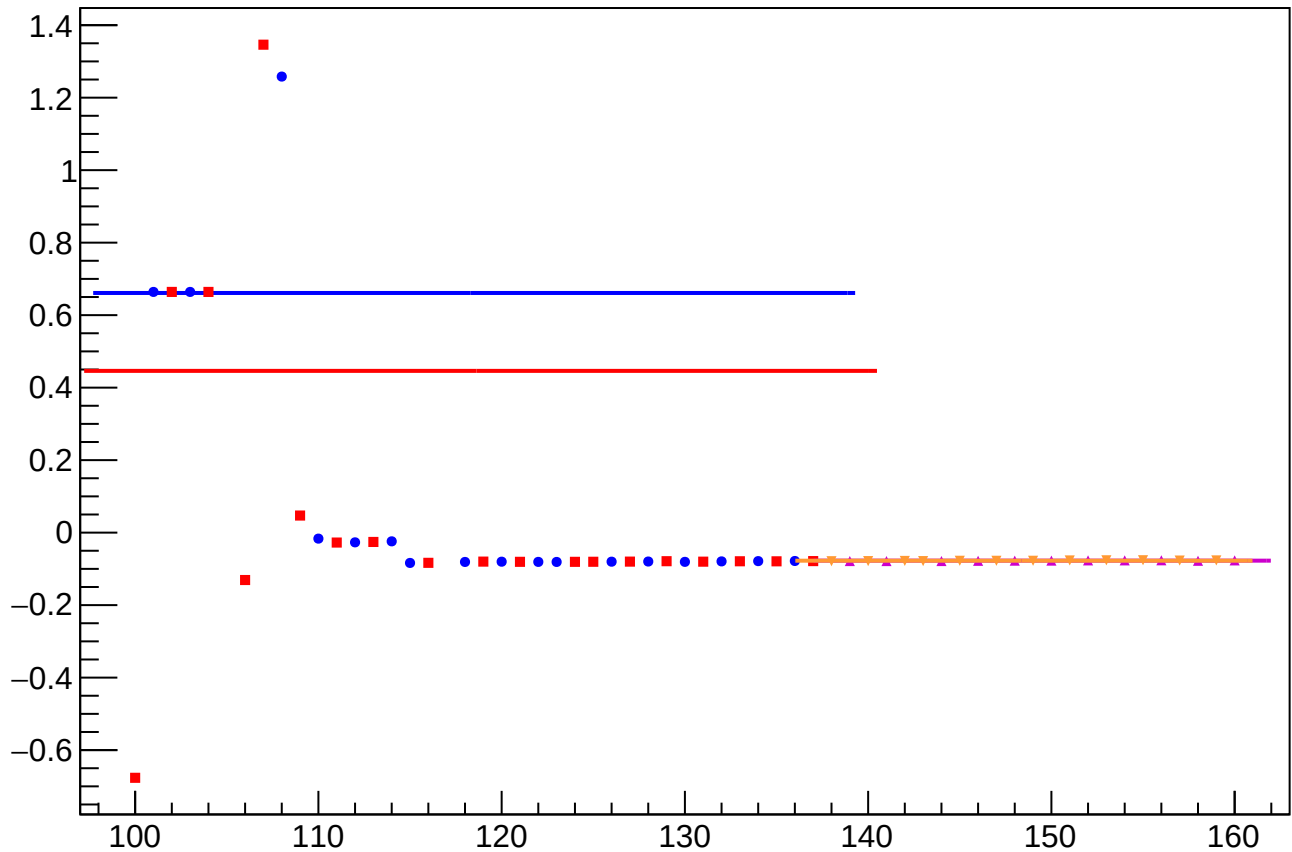
Right Out: 0.000+/-0.000 χ^2/NDF : 8775982.6/18

Left In: 0.009+/-0.000 χ^2/NDF :497425.3/10

0.000+/-0.000 χ^2/NDF : 21927330.3/28

0.000+/-0.000 χ^2/NDF : 22924010.7/29

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

Left Out: -0.077+/-0.000 χ^2/NDF : 20845550.8/11

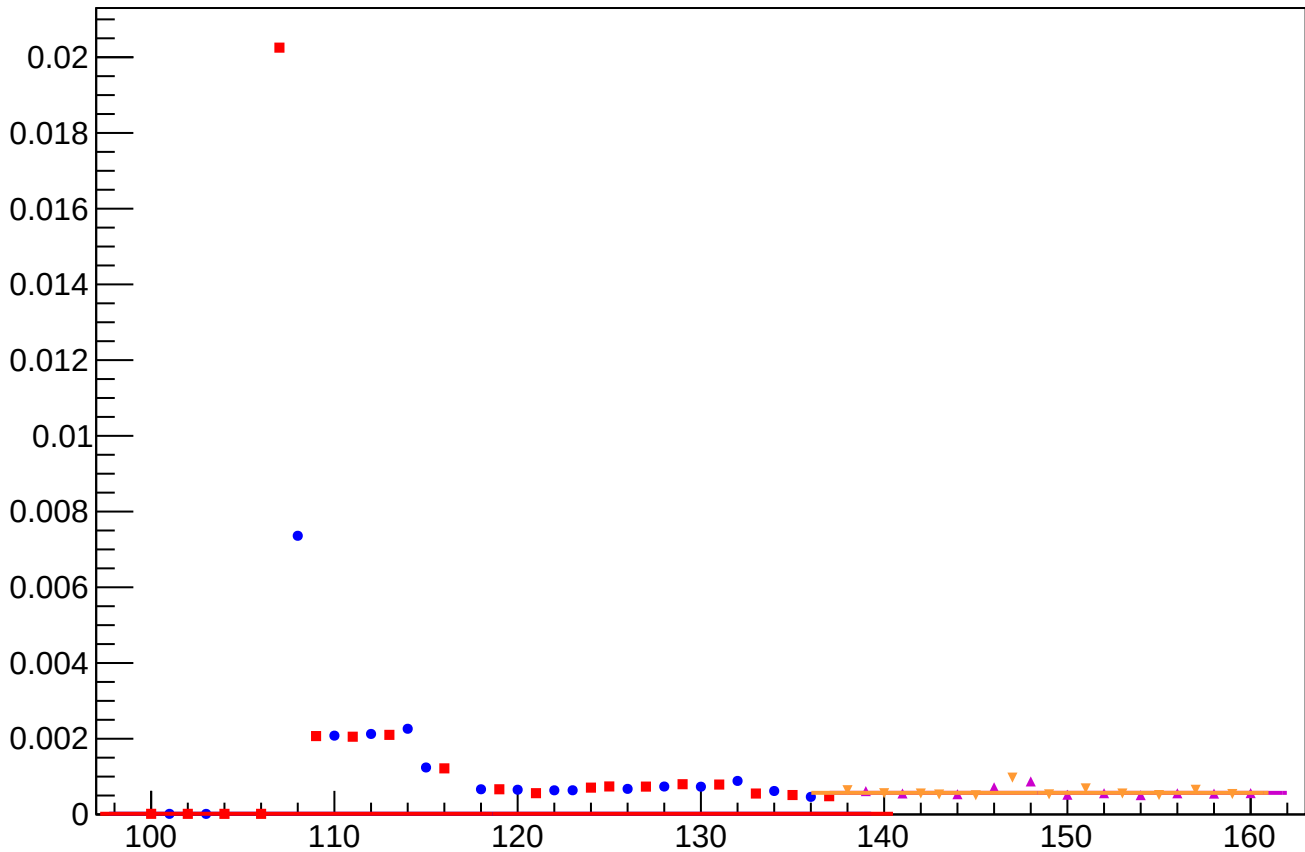
Right Out: 0.446+/-0.000 χ^2/NDF : 405416924315199.0/18

Left In: -0.077+/-0.000 χ^2/NDF : 16545038.0/10

0.654+/-0.000 χ^2/NDF : 19459584996621.7/28

0.441+/-0.000 χ^2/NDF : 412556925779067.2/29

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9874012.7/16

Left Out: 0.001+/-0.000 χ^2/NDF : 406761.3/11

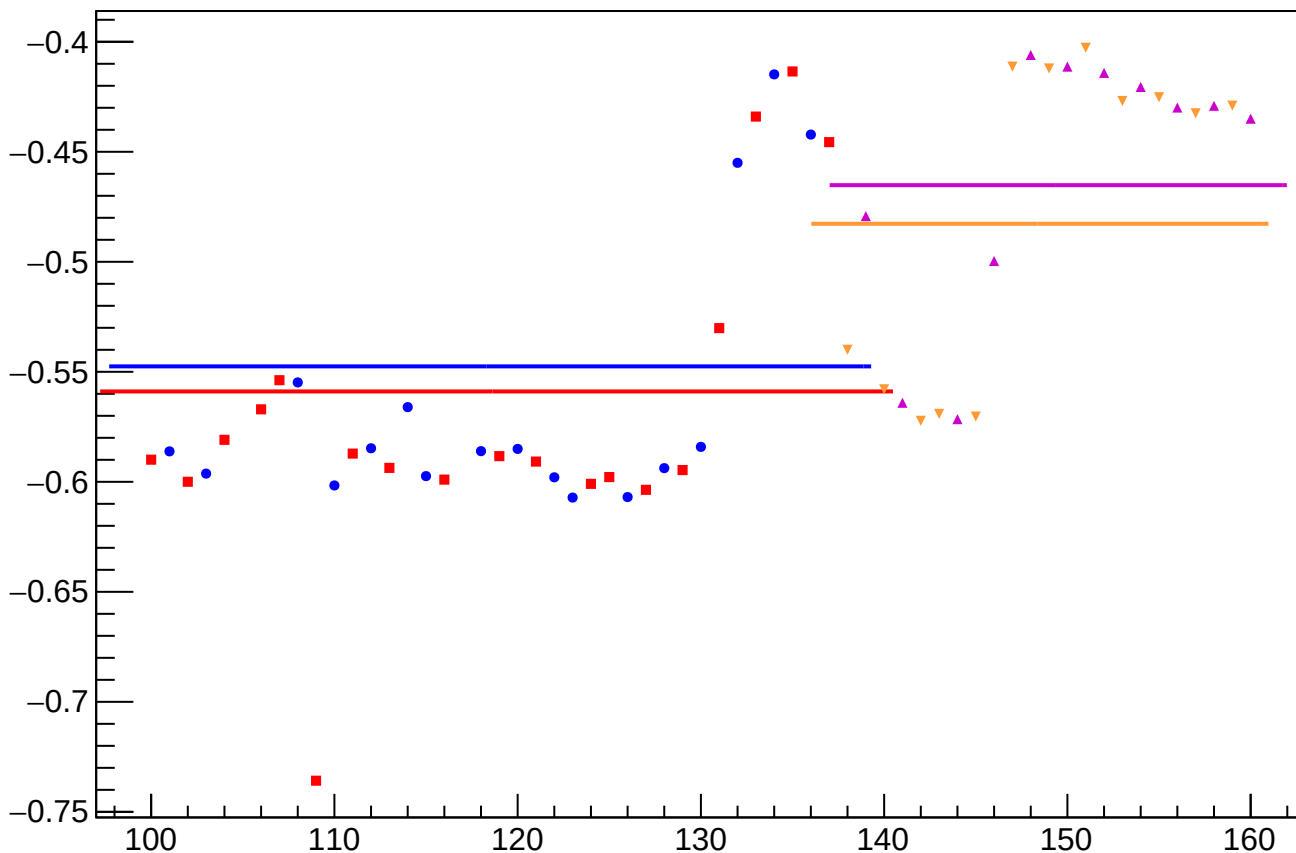
Right Out: 0.000+/-0.000 χ^2/NDF : 9480848.1/18

Left In: 0.001+/-0.000 χ^2/NDF : 304077.9/10

0.000+/-0.000 χ^2/NDF : 25804650.7/28

0.000+/-0.000 χ^2/NDF : 25653248.5/29

yield_bpm4aX_mean vs Slug



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.483+/-0.000 χ^2/NDF : 88389531.5/11

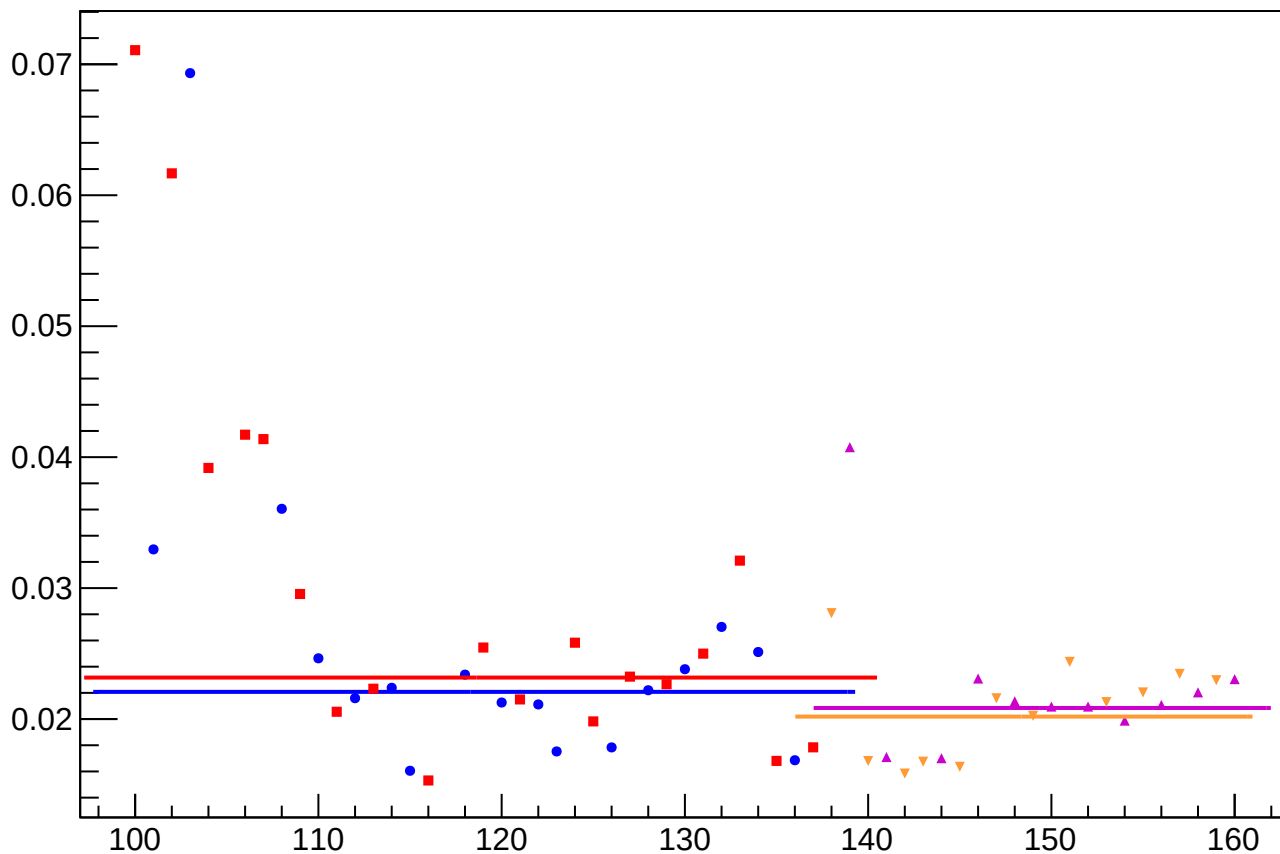
Right Out: -0.559+/-0.000 χ^2/NDF : 65330923.3/18

Left In: -0.465+/-0.000 χ^2/NDF : 67326477.7/10

-0.507+/-0.000 χ^2/NDF : 163925281.1/28

-0.501+/-0.000 χ^2/NDF : 186868101.6/29

yield_bpm4aX_rms vs Slug



Right In: 0.022 ± 0.000 χ^2/NDF : 954779.5/16

Left Out: 0.020 ± 0.000 χ^2/NDF : 381700.2/11

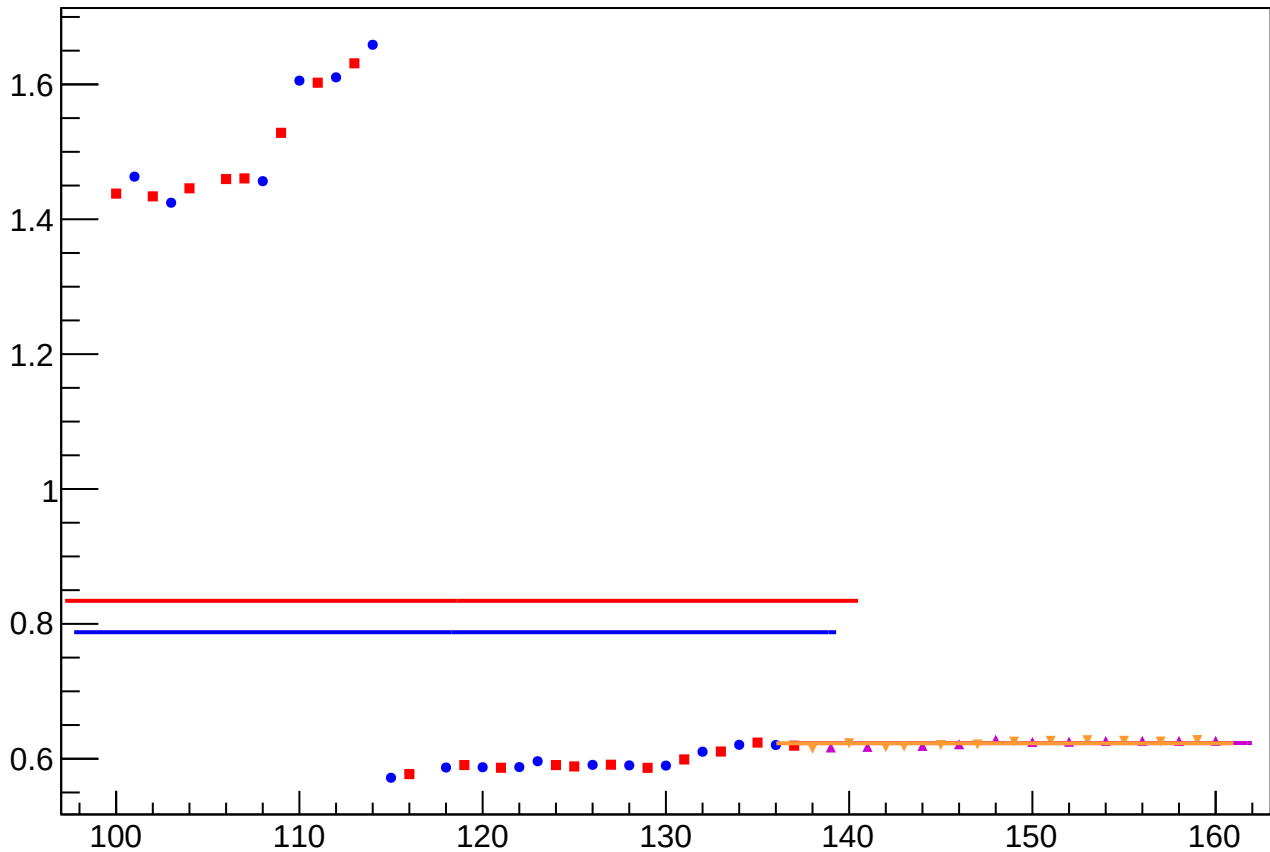
Right Out: 0.023 ± 0.000 χ^2/NDF : 1156758.3/18

Left In: 0.021 ± 0.000 χ^2/NDF : 496064.8/10

0.021 ± 0.000 χ^2/NDF : 1382353.7/28

0.022 ± 0.000 χ^2/NDF : 1719303.5/29

yield_bpm4aY_mean vs Slug



Right In: 0.788+/-0.000 χ^2/NDF : 3581400502.4/16

Left Out: 0.623+/-0.000 χ^2/NDF :957353.3/11

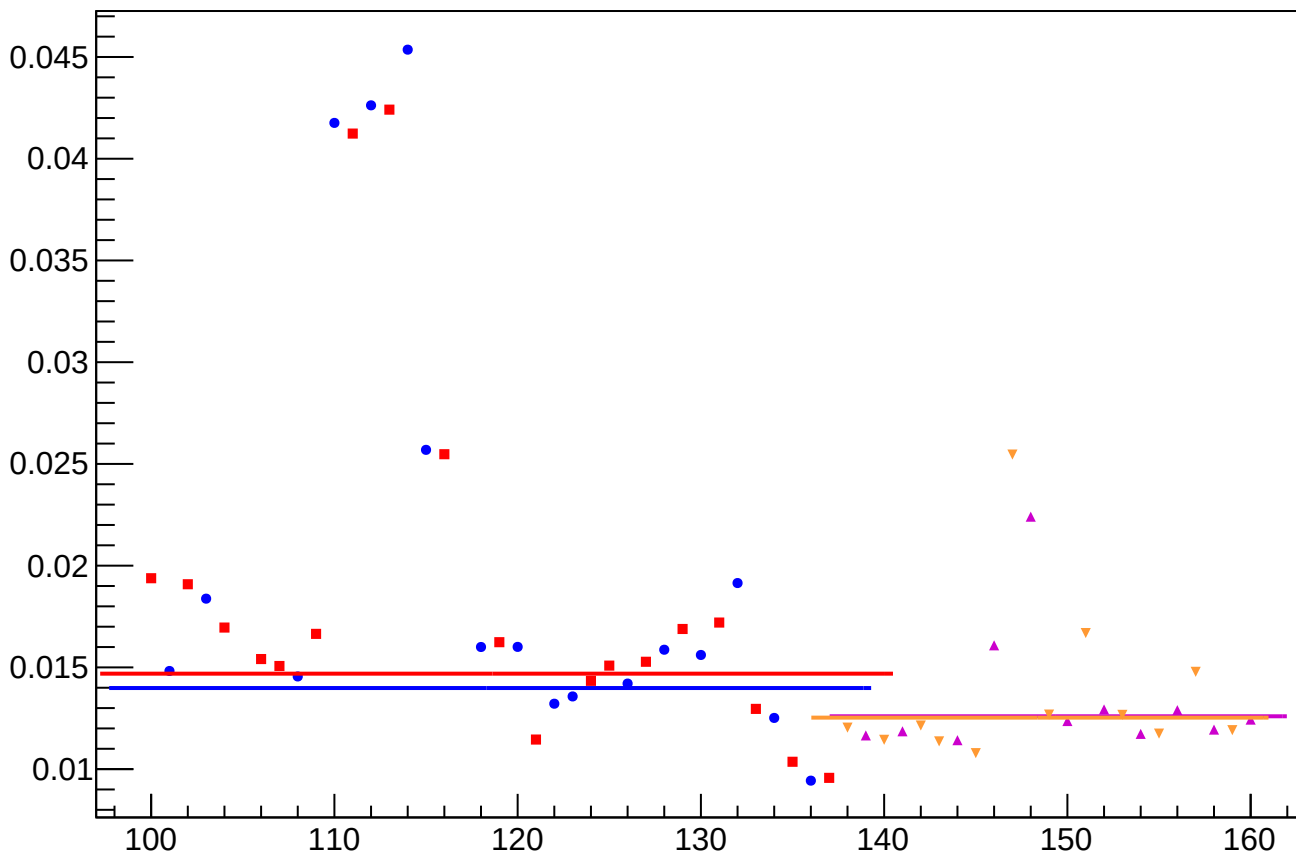
0.681+/-0.000 χ^2/NDF : 4087841433.3/28

Right Out: 0.834+/-0.000 χ^2/NDF : 4152115639.4/18

0.695+/-0.000 χ^2/NDF : 4968277562.7/29

Left In: 0.623+/-0.000 χ^2/NDF :825631.6/10

yield_bpm4aY_rms vs Slug



Right In: 0.014 ± 0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.013 ± 0.000 χ^2/NDF : 587449.6/11

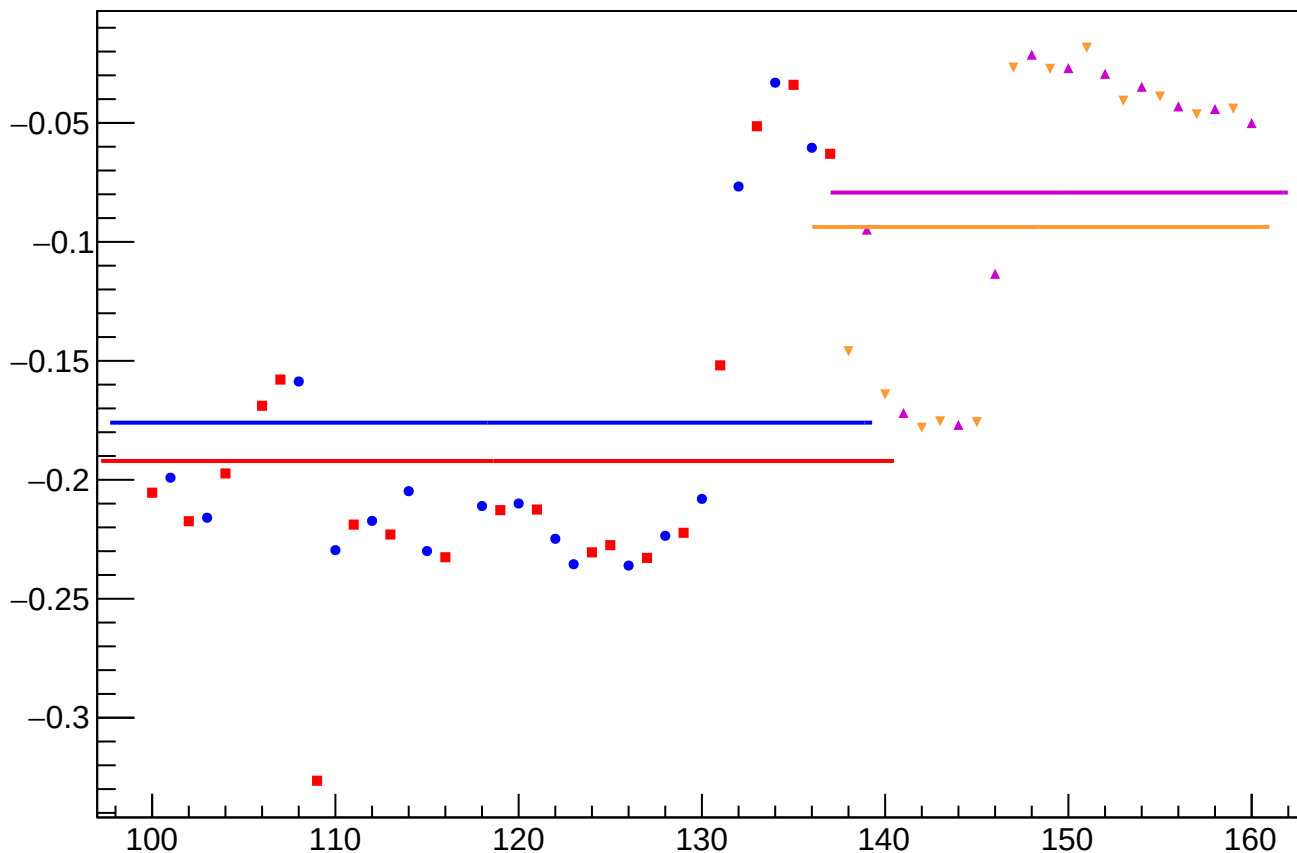
Right Out: 0.015 ± 0.000 χ^2/NDF : 1258511.3/18

Left In: 0.013 ± 0.000 χ^2/NDF : 409418.1/10

0.013 ± 0.000 χ^2/NDF : 2064857.3/28

0.013 ± 0.000 χ^2/NDF : 1828743.1/29

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.094+/-0.000 χ^2/NDF : 85519911.0/11

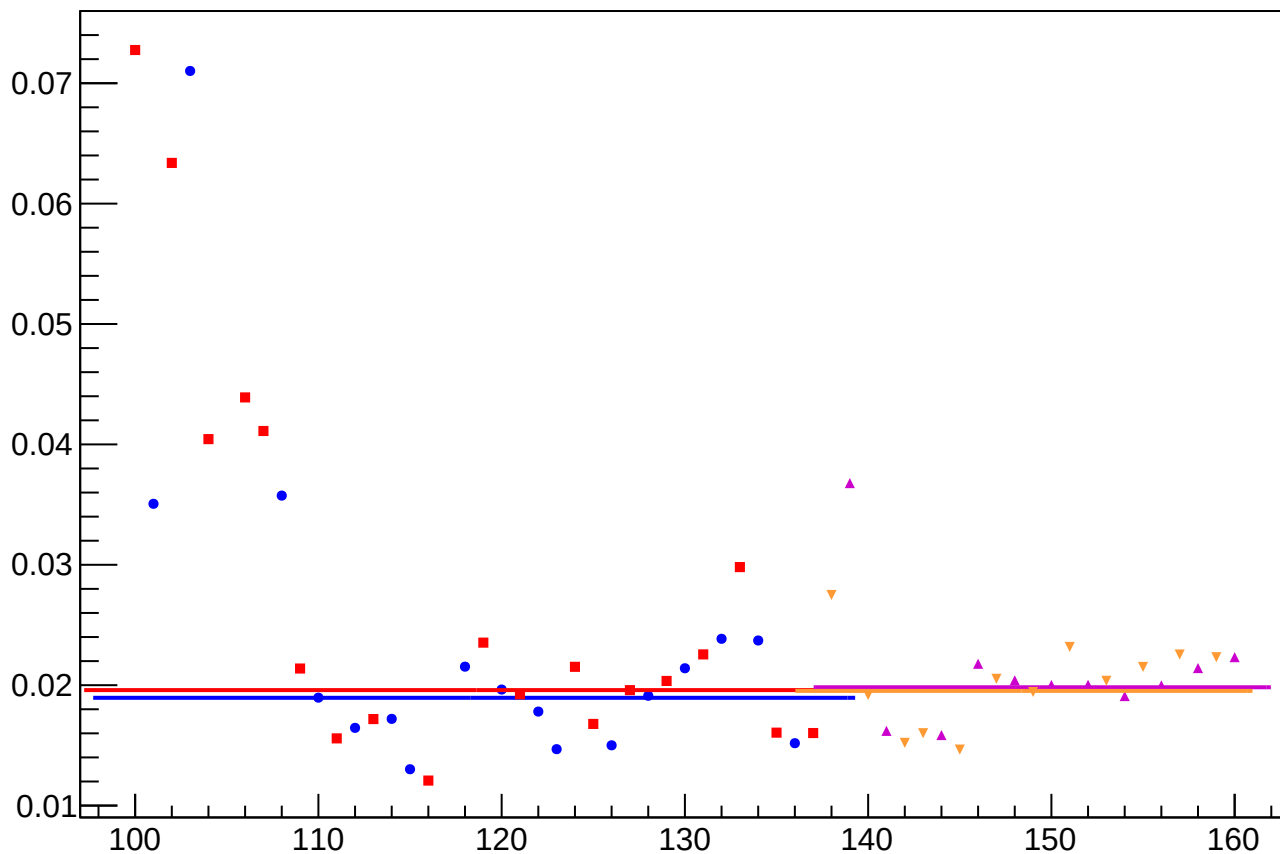
Right Out: -0.192+/-0.000 χ^2/NDF : 83253954.4/18

Left In: -0.079+/-0.000 χ^2/NDF : 68355179.8/10

-0.129+/-0.000 χ^2/NDF : 208865900.5/28

-0.127+/-0.000 χ^2/NDF : 250222343.8/29

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.020+/-0.000 χ^2/NDF : 411911.4/11

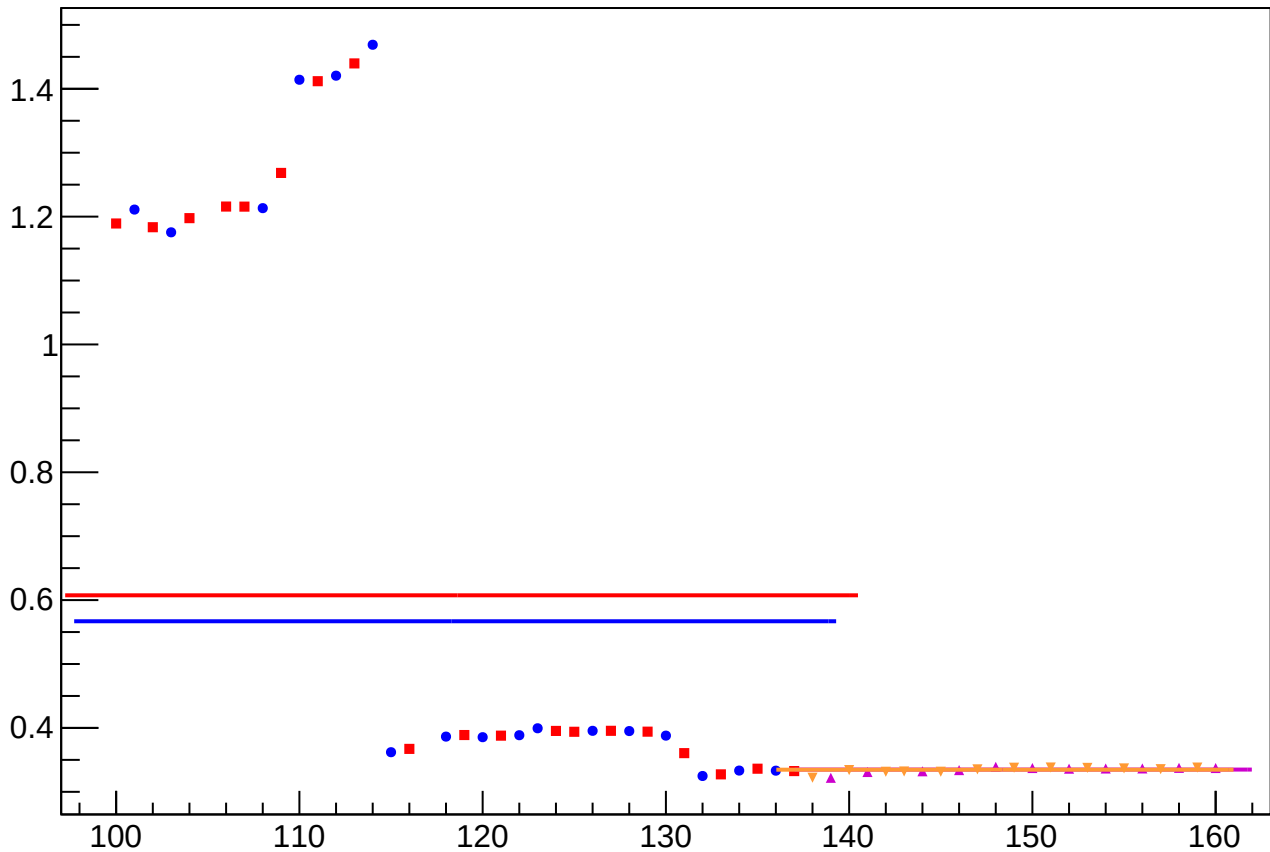
Right Out: 0.020+/-0.000 χ^2/NDF : 1455327.3/18

Left In: 0.020+/-0.000 χ^2/NDF : 483049.8/10

0.019+/-0.000 χ^2/NDF : 1620362.1/28

0.020+/-0.000 χ^2/NDF : 1939229.3/29

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.335 $\pm$ 0.000 χ^2 /NDF:1060800.7/11

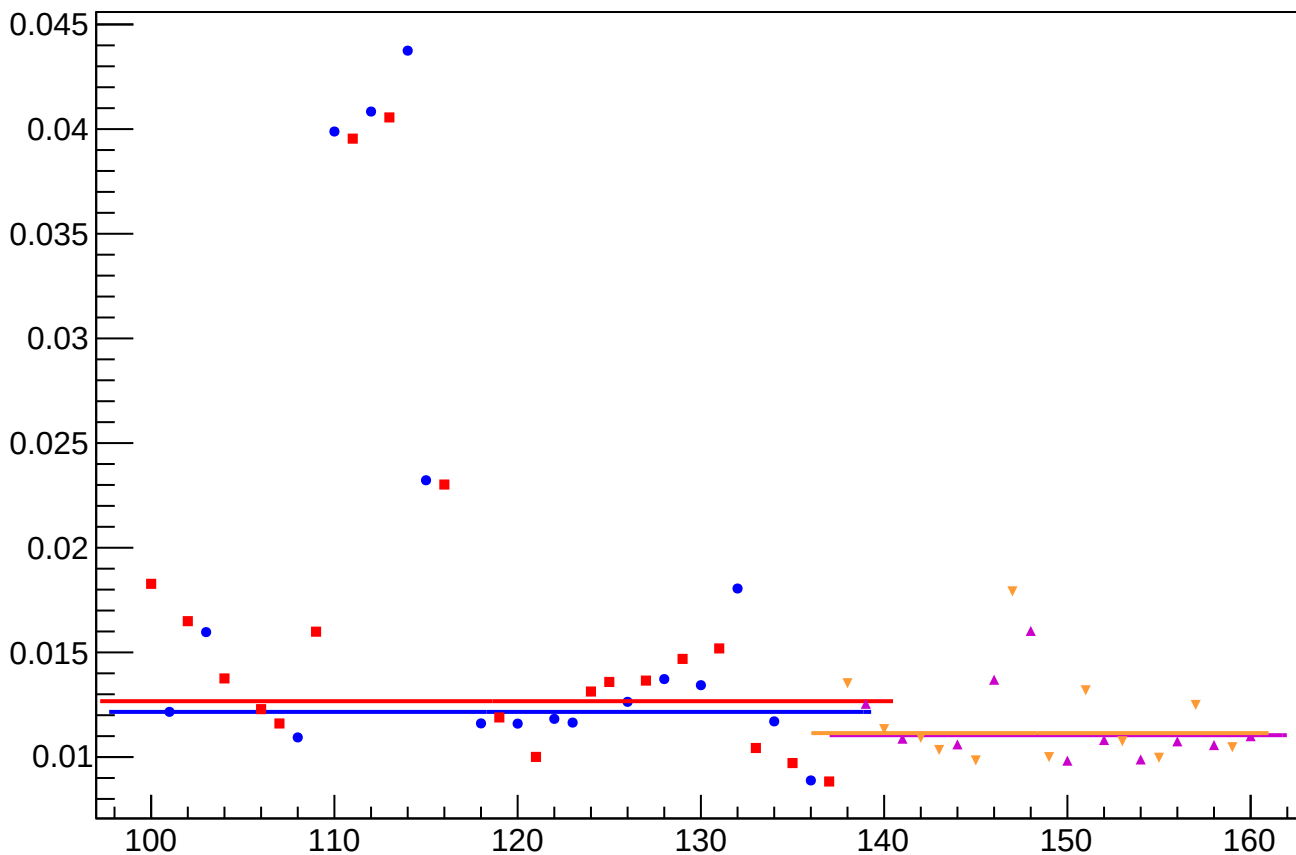
0.418 $\pm$ 0.000 χ^2 /NDF: 6327051787.4/28

Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5505226431.3/18

0.428 $\pm$ 0.000 χ^2 /NDF: 7296260813.4/29

Left In: 0.335 $\pm$ 0.000 χ^2 /NDF:1150530.3/10

yield_bpm4eY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1307948.2/16

Left Out: 0.011+/-0.000 χ^2/NDF : 394865.2/11

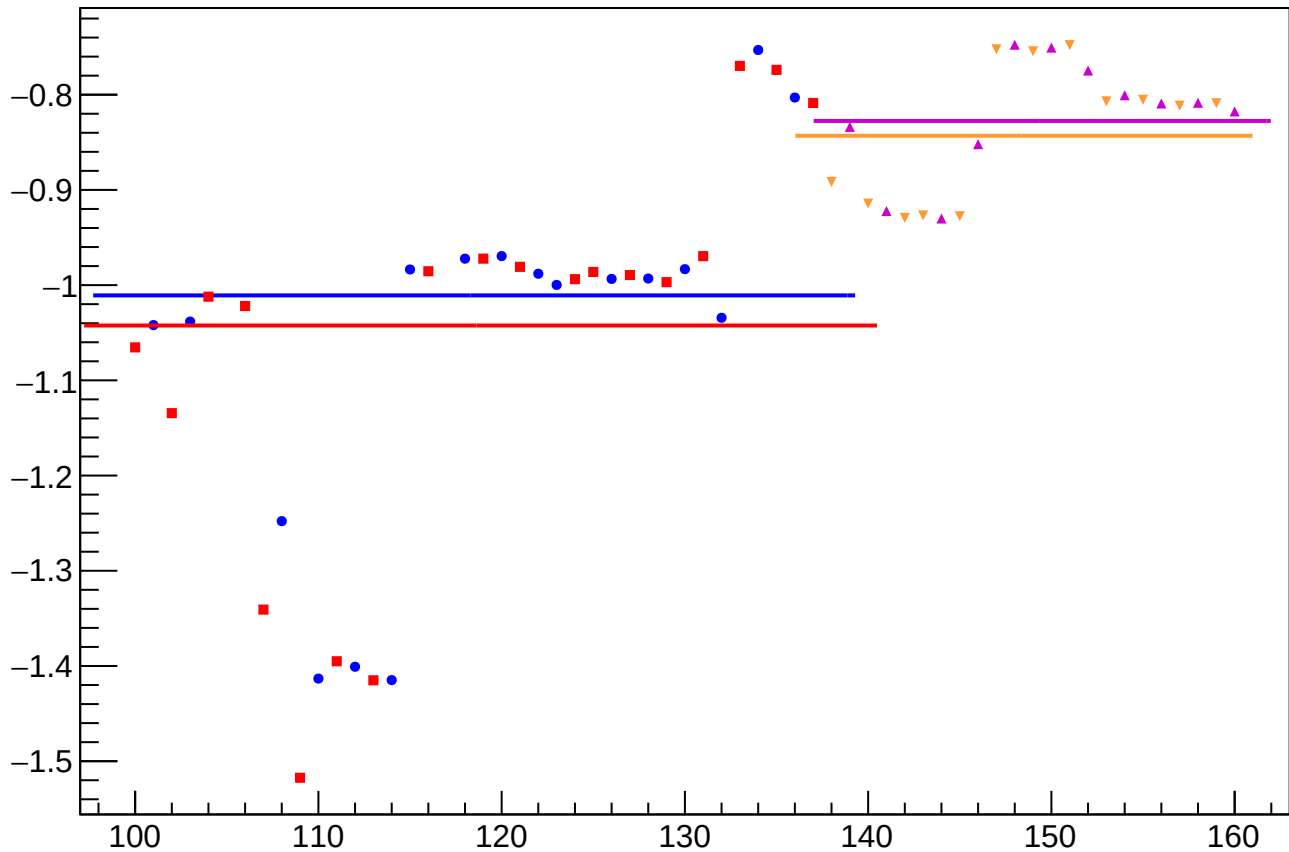
Right Out: 0.013+/-0.000 χ^2/NDF : 1267219.4/18

Left In: 0.011+/-0.000 χ^2/NDF : 282100.7/10

0.012+/-0.000 χ^2/NDF : 1752615.1/28

0.012+/-0.000 χ^2/NDF : 1676326.1/29

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.843+/-0.000 χ^2/NDF : 91383558.6/11

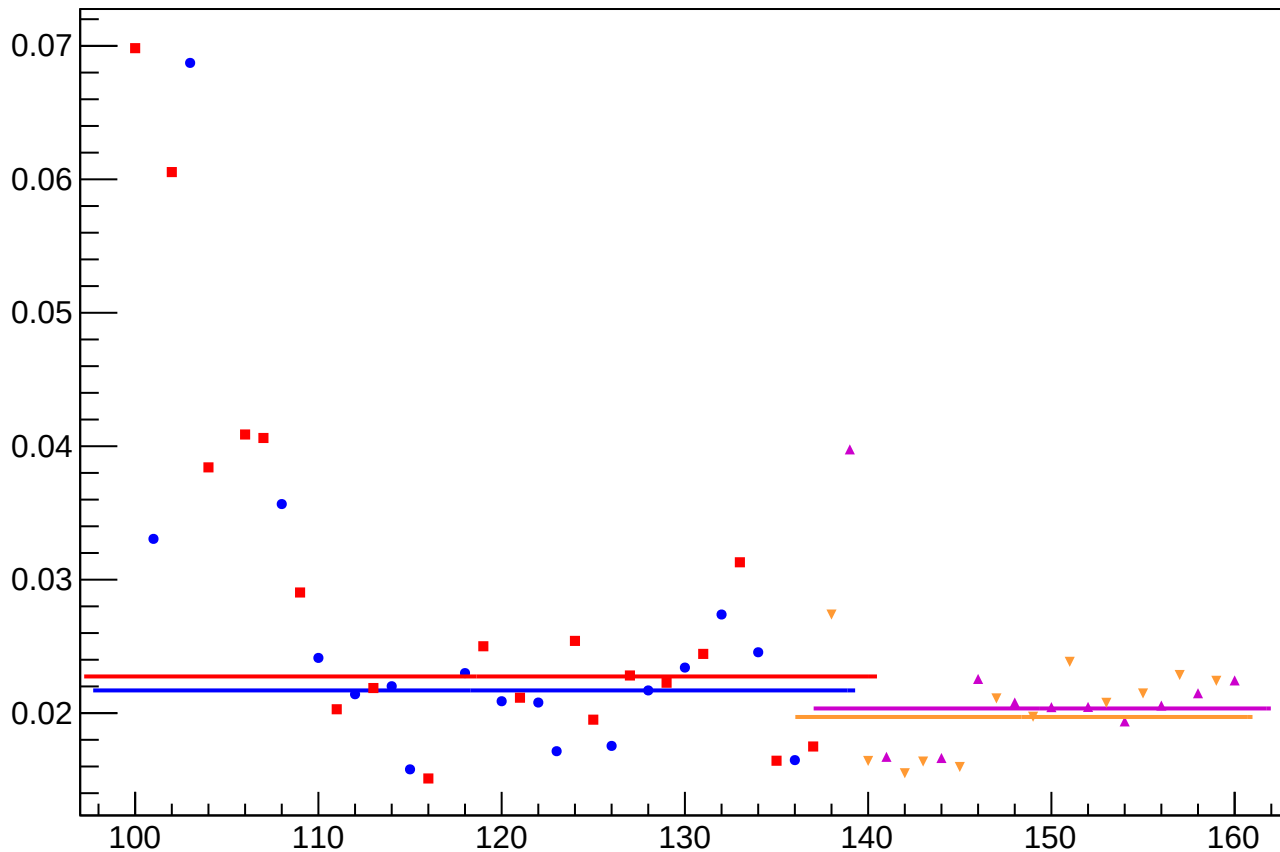
-0.906+/-0.000 χ^2/NDF : 666214548.3/28

Right Out: -1.042+/-0.000 χ^2/NDF : 528958824.5/18

-0.908+/-0.000 χ^2/NDF : 895324420.4/29

Left In: -0.828+/-0.000 χ^2/NDF : 70001639.3/10

yield_bpm4acX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 979293.5/16

Left Out: 0.020+/-0.000 χ^2/NDF : 379597.9/11

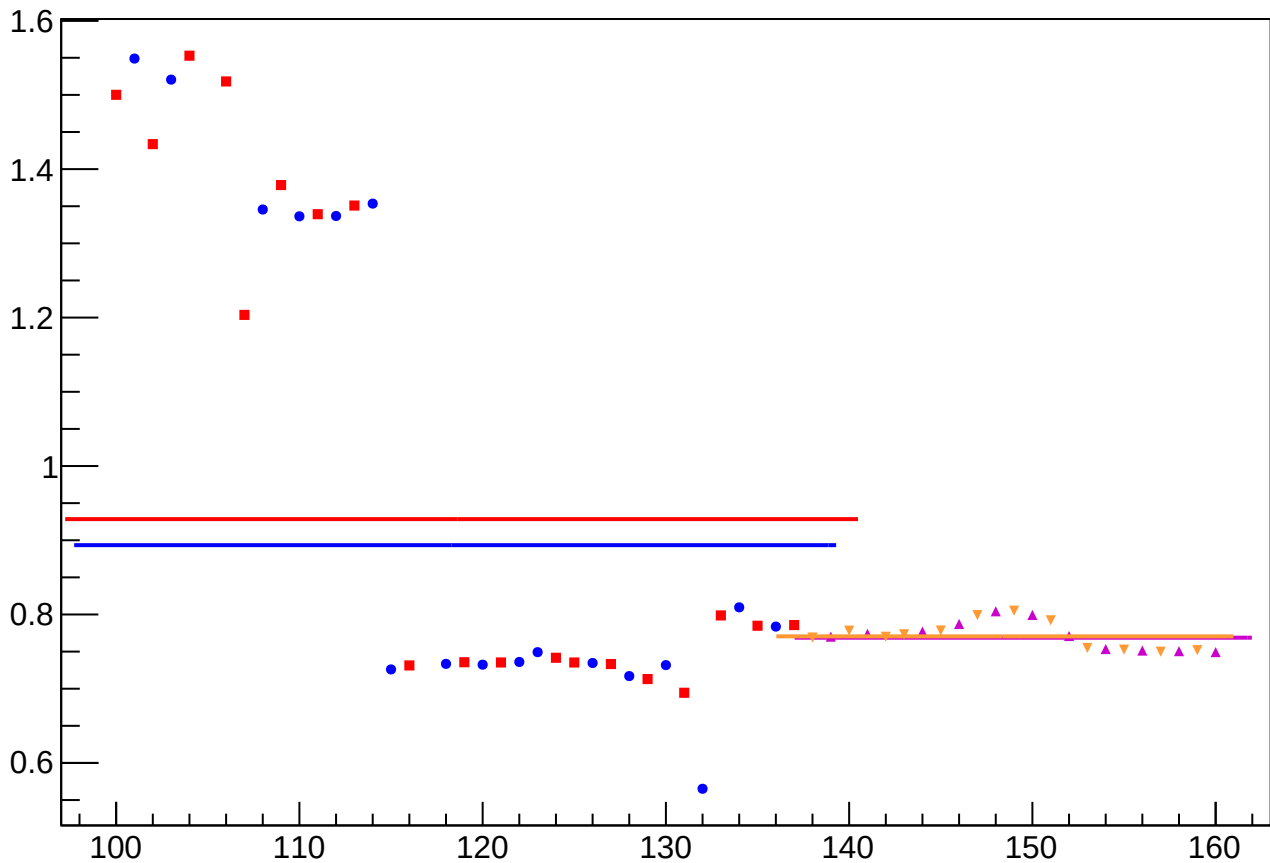
Right Out: 0.023+/-0.000 χ^2/NDF : 1152332.6/18

Left In: 0.020+/-0.000 χ^2/NDF : 492860.9/10

0.020+/-0.000 χ^2/NDF : 1411769.9/28

0.021+/-0.000 χ^2/NDF : 1719039.7/29

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.771+/-0.000 χ^2/NDF :15184484.8/11

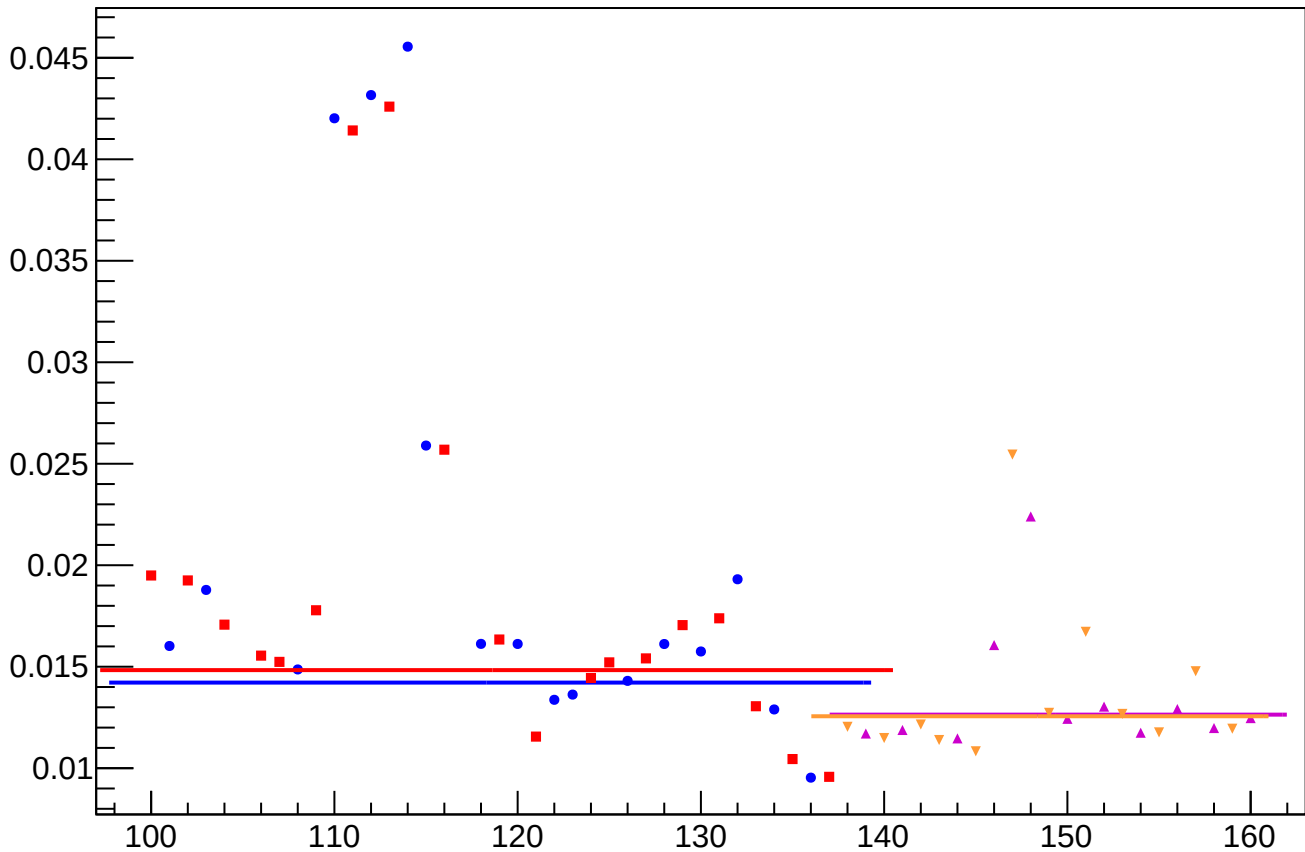
0.813+/-0.000 χ^2/NDF : 2697214050.1/28

Right Out: 0.928+/-0.000 χ^2/NDF : 2435640156.0/18

0.823+/-0.000 χ^2/NDF : 2910411087.0/29

Left In: 0.769+/-0.000 χ^2/NDF :15270891.4/10

yield_bpm4acY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1409594.2/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 582836.3/11

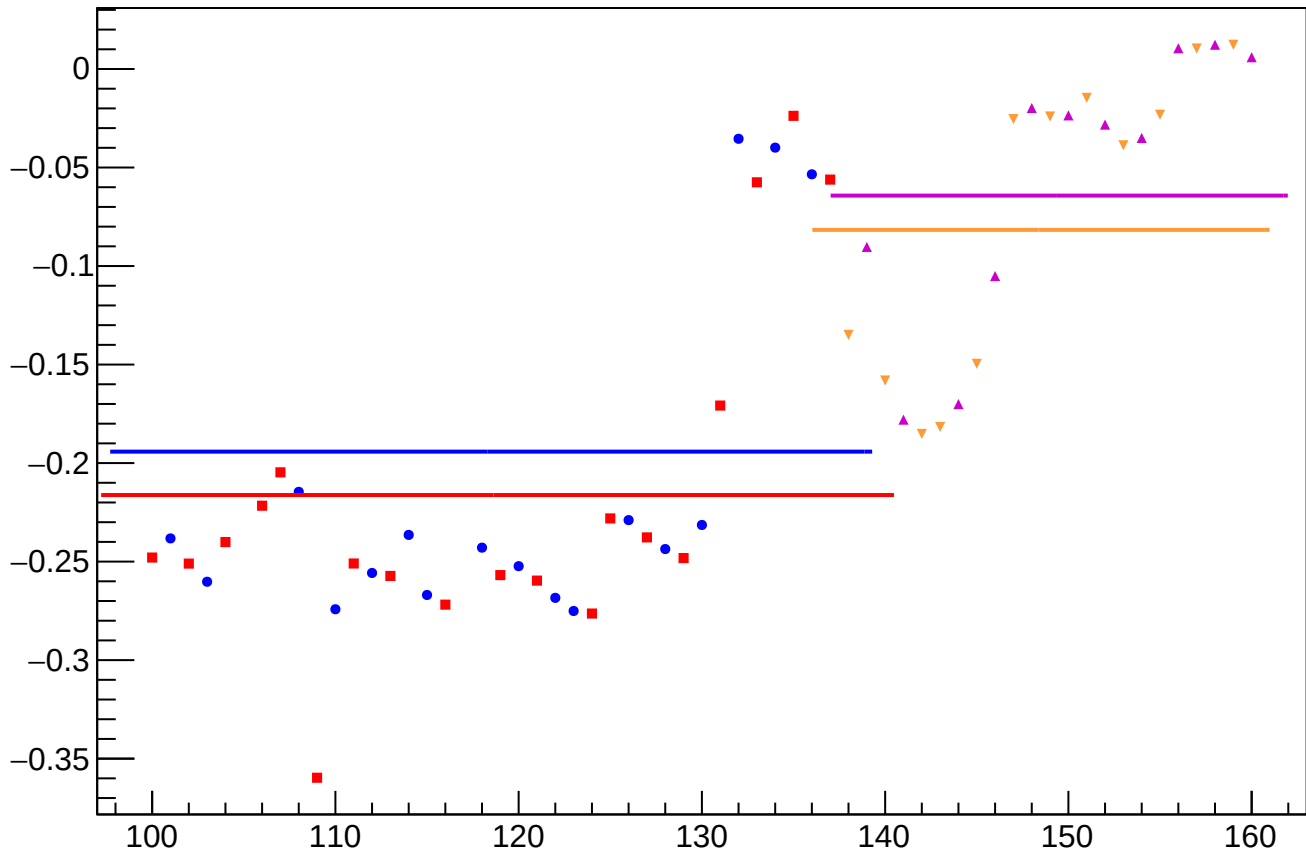
0.013 $\pm$ 0.000 χ^2 /NDF: 2092352.5/28

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1269559.2/18

0.013 $\pm$ 0.000 χ^2 /NDF: 1847962.9/29

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 405091.2/10

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.082+/-0.000 χ^2/NDF : 103484660.5/11

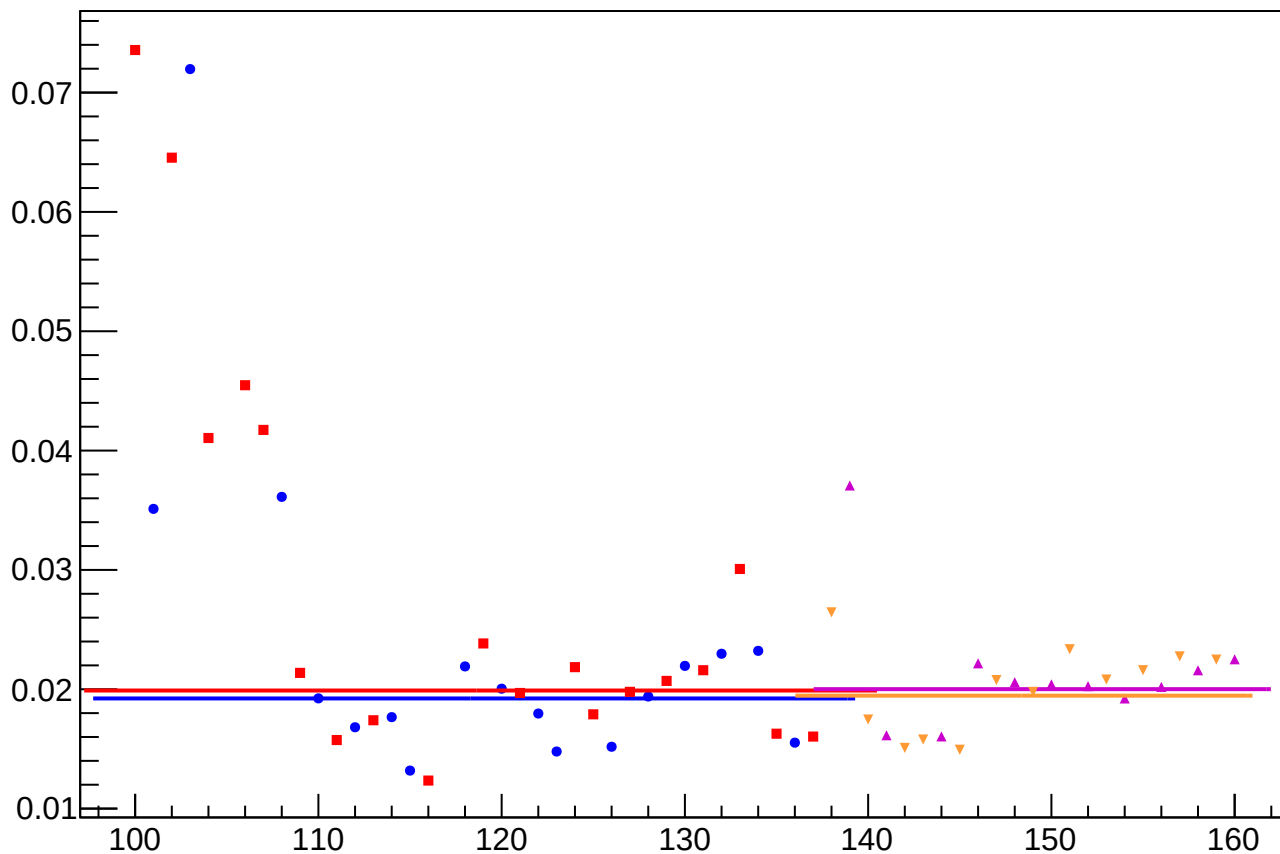
Right Out: -0.216+/-0.000 χ^2/NDF : 111036295.0/18

Left In: -0.064+/-0.000 χ^2/NDF : 93366964.2/10

-0.129+/-0.000 χ^2/NDF : 310023552.6/28

-0.128+/-0.000 χ^2/NDF : 378637392.2/29

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.019+/-0.000 χ^2/NDF : 412533.7/11

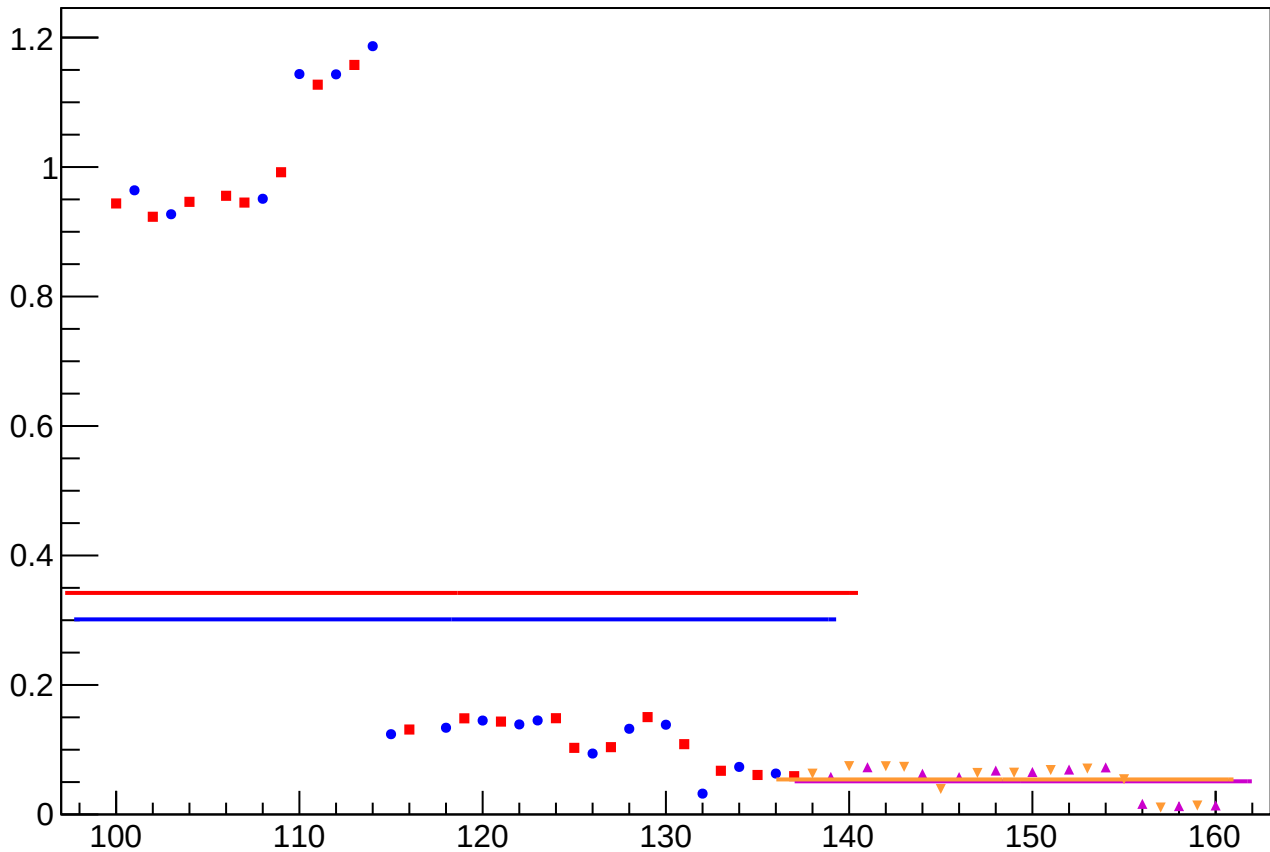
Right Out: 0.020+/-0.000 χ^2/NDF : 1444442.2/18

Left In: 0.020+/-0.000 χ^2/NDF : 490386.4/10

0.019+/-0.000 χ^2/NDF : 1587956.7/28

0.020+/-0.000 χ^2/NDF : 1935024.5/29

yield_bpm4ecY_mean vs Slug



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.054+/-0.000 χ^2/NDF : 34622976.5/11

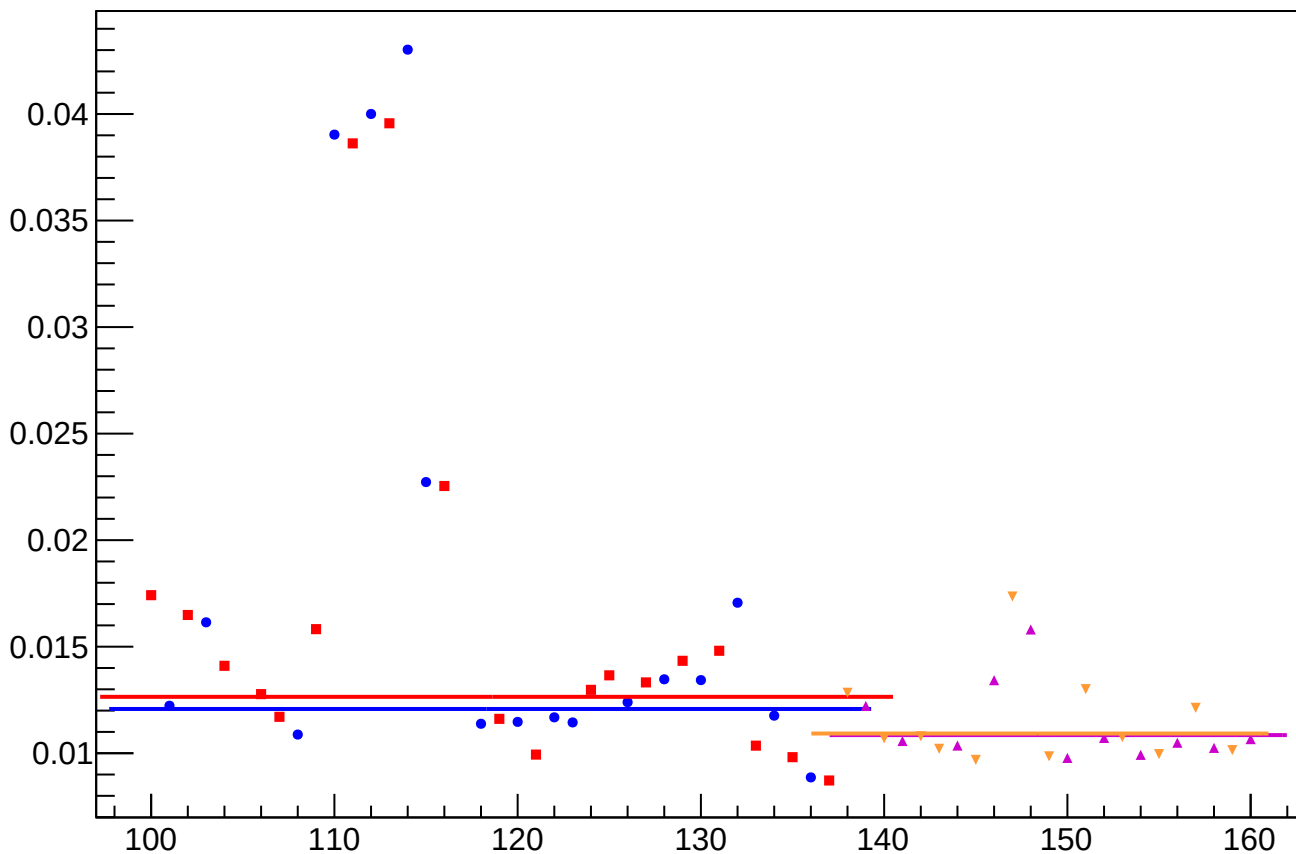
0.141+/-0.000 χ^2/NDF : 6708862266.2/28

Right Out: 0.342+/-0.000 χ^2/NDF : 5442717599.3/18

0.149+/-0.000 χ^2/NDF : 7554924346.8/29

Left In: 0.051+/-0.000 χ^2/NDF : 43110759.6/10

yield_bpm4ecY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1280342.2/16

Left Out: 0.011+/-0.000 χ^2/NDF : 362969.6/11

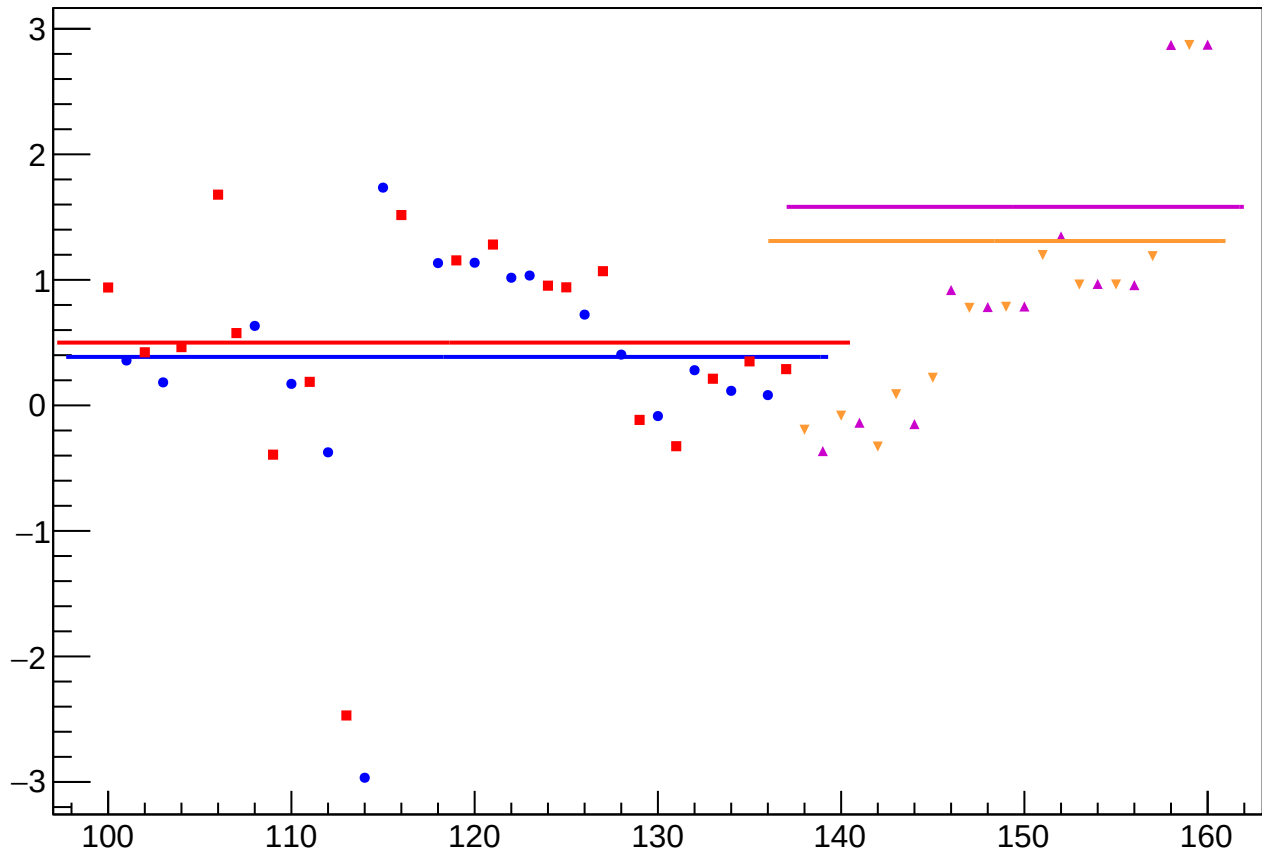
Right Out: 0.013+/-0.000 χ^2/NDF : 1236084.9/18

Left In: 0.011+/-0.000 χ^2/NDF : 272252.6/10

0.011+/-0.000 χ^2/NDF : 1709313.0/28

0.011+/-0.000 χ^2/NDF : 1666020.7/29

yield_bpm1X_mean vs Slug



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: 1.309+/-0.000 χ^2/NDF :11324121108.0/11

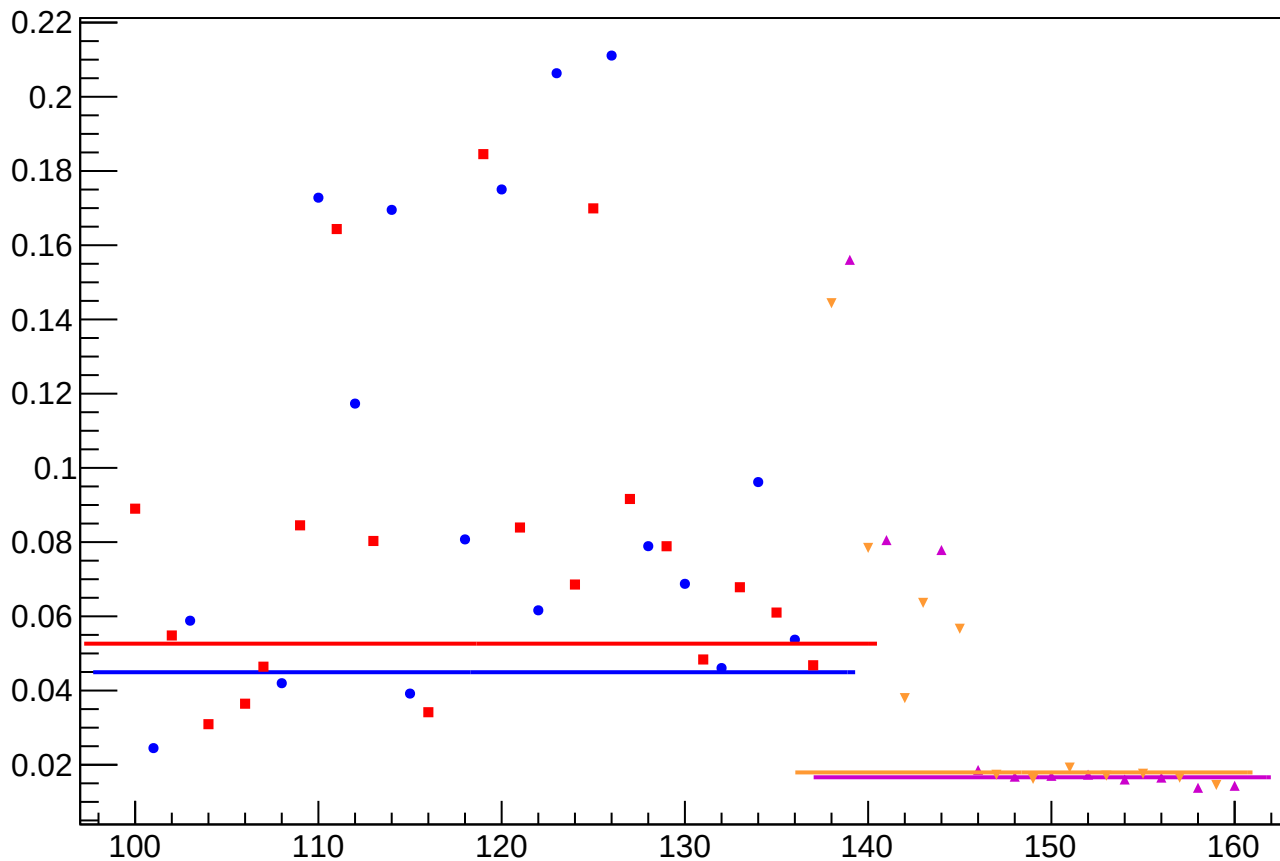
Right Out: 0.500+/-0.000 χ^2/NDF : 983386658.7/18

Left In: 1.582+/-0.000 χ^2/NDF :18818759386.8/10

1.227+/-0.000 χ^2/NDF : 12927407410.2/28

1.513+/-0.000 χ^2/NDF : 21432222663.3/29

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.018+/-0.000 χ^2/NDF : 2656299.0/11

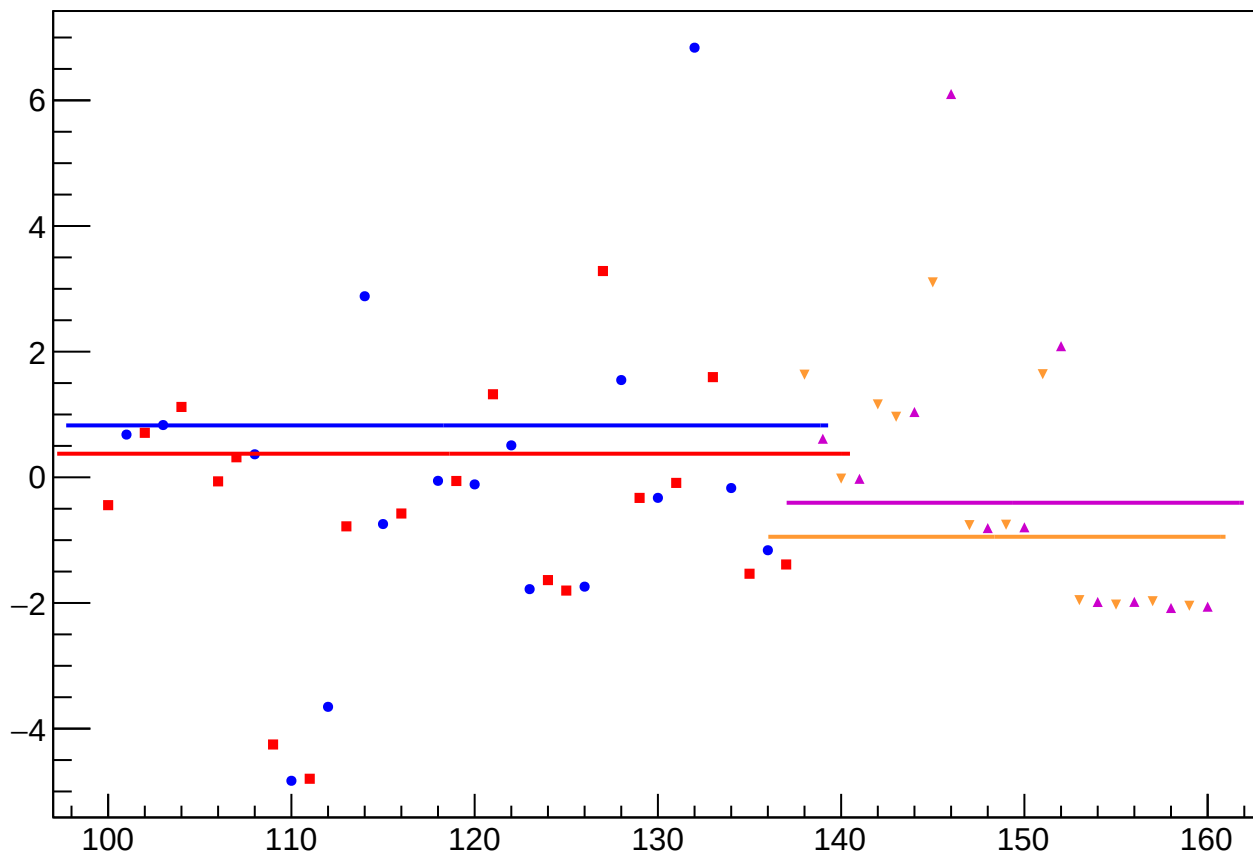
Right Out: 0.053+/-0.000 χ^2/NDF : 2191752.0/18

Left In: 0.017+/-0.000 χ^2/NDF : 2390136.1/10

0.020+/-0.000 χ^2/NDF : 7765464.0/28

0.019+/-0.000 χ^2/NDF : 8195588.9/29

yield_bpm1Y_mean vs Slug



Right In: 0.826+/-0.000 χ^2/NDF : 10945455664.9/16

Left Out: -0.946+/-0.000 χ^2/NDF : 79971206431.8/11

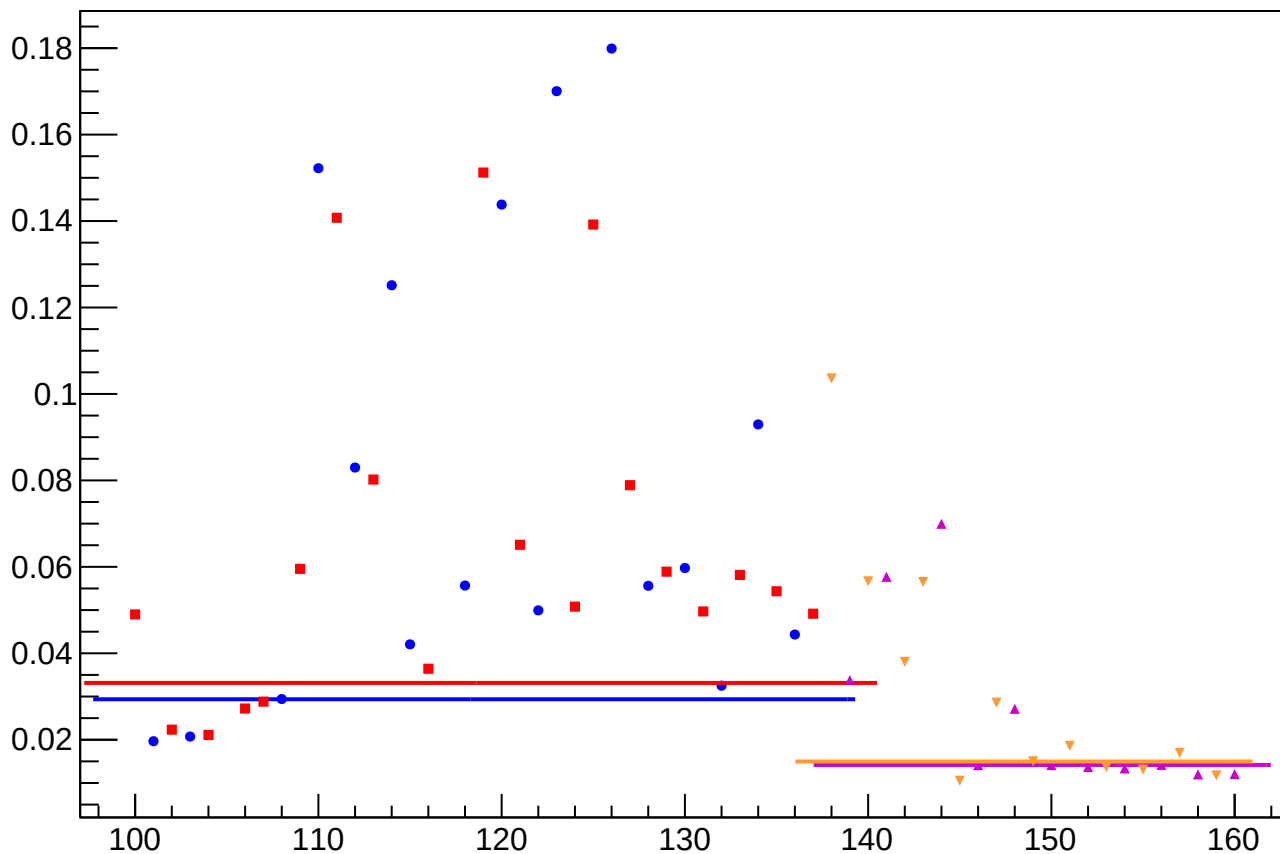
Right Out: 0.376+/-0.000 χ^2/NDF : 4947158634.2/18

Left In: -0.405+/-0.000 χ^2/NDF : 225453468966.7/10

-0.720+/-0.000 χ^2/NDF : 101693752894.5/28

-0.330+/-0.000 χ^2/NDF : 232323852356.7/29

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.015+/-0.000 χ^2/NDF :2680930.1/11

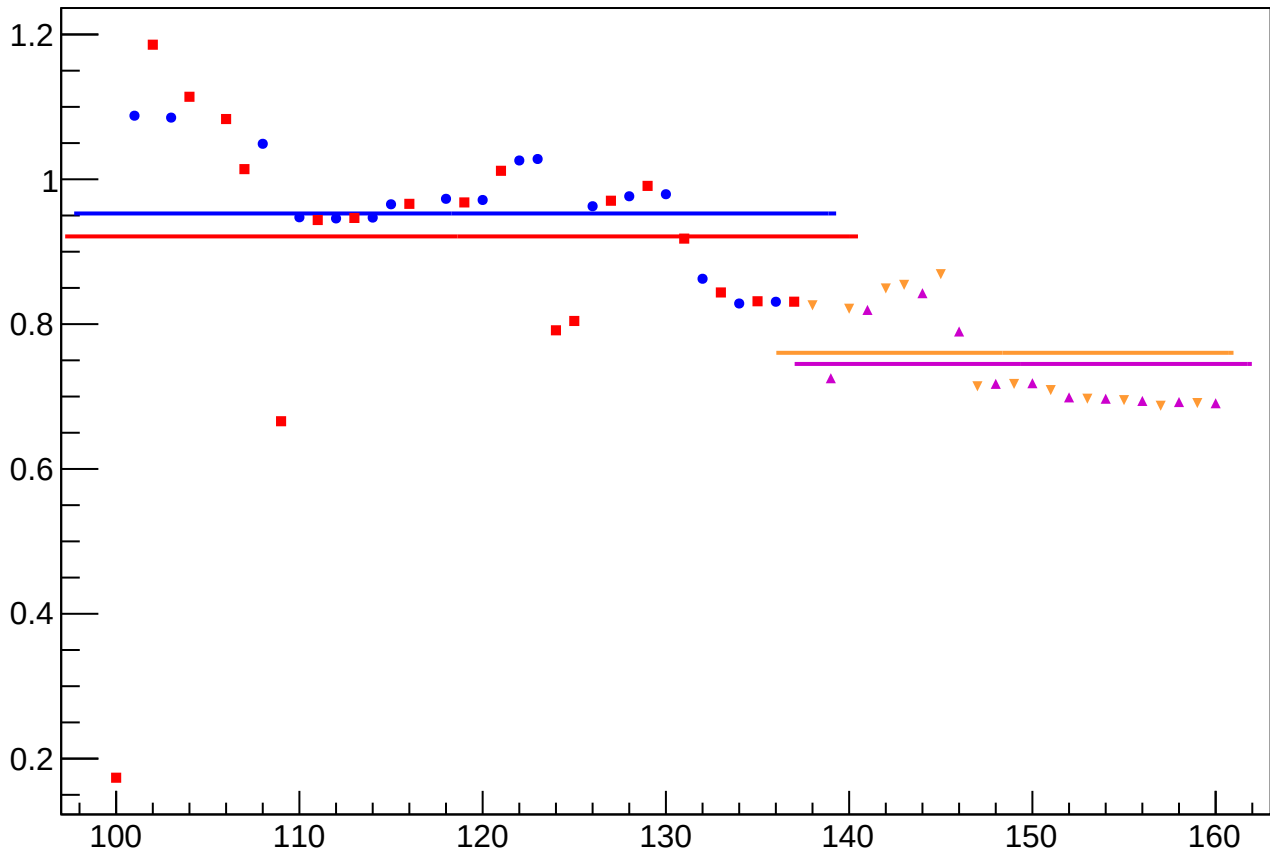
Right Out: 0.033+/-0.000 χ^2/NDF : 3099105.0/18

Left In: 0.014+/-0.000 χ^2/NDF :1830438.1/10

0.017+/-0.000 χ^2/NDF : 7091170.8/28

0.016+/-0.000 χ^2/NDF : 7202455.4/29

yield_bpm11X_mean vs Slug



Right In: 0.953+/-0.000 χ^2/NDF : 175750243.6/16

Left Out: 0.760+/-0.000 χ^2/NDF :222597222.0/11

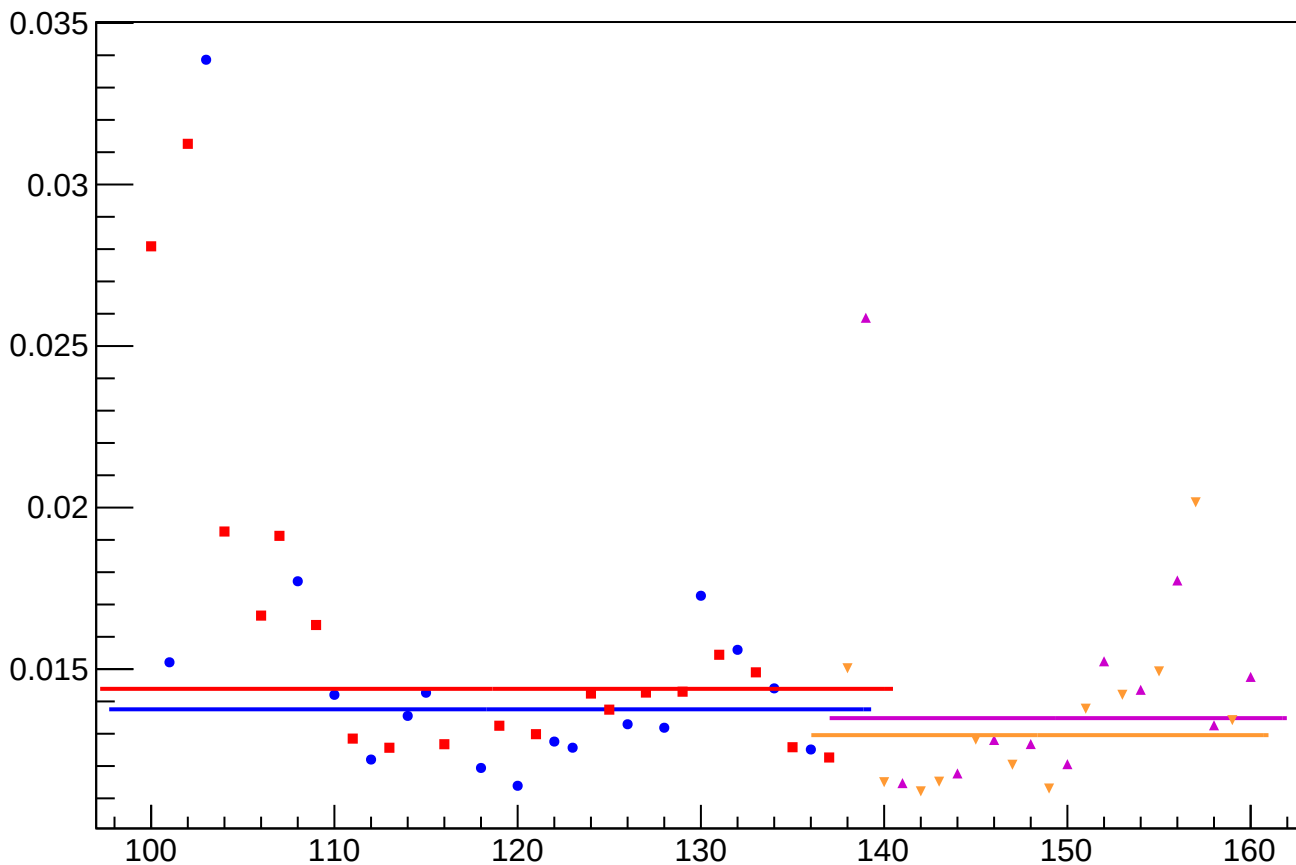
0.838+/-0.000 χ^2/NDF : 1072678242.7/28

Right Out: 0.921+/-0.000 χ^2/NDF : 374151585.5/18

0.816+/-0.000 χ^2/NDF : 1057866569.6/29

Left In: 0.745+/-0.000 χ^2/NDF :142083289.9/10

yield_bpm11X_rms vs Slug



Right In: 0.014 ± 0.000 χ^2/NDF : 538469.4/16

Left Out: 0.013 ± 0.000 χ^2/NDF : 313127.8/11

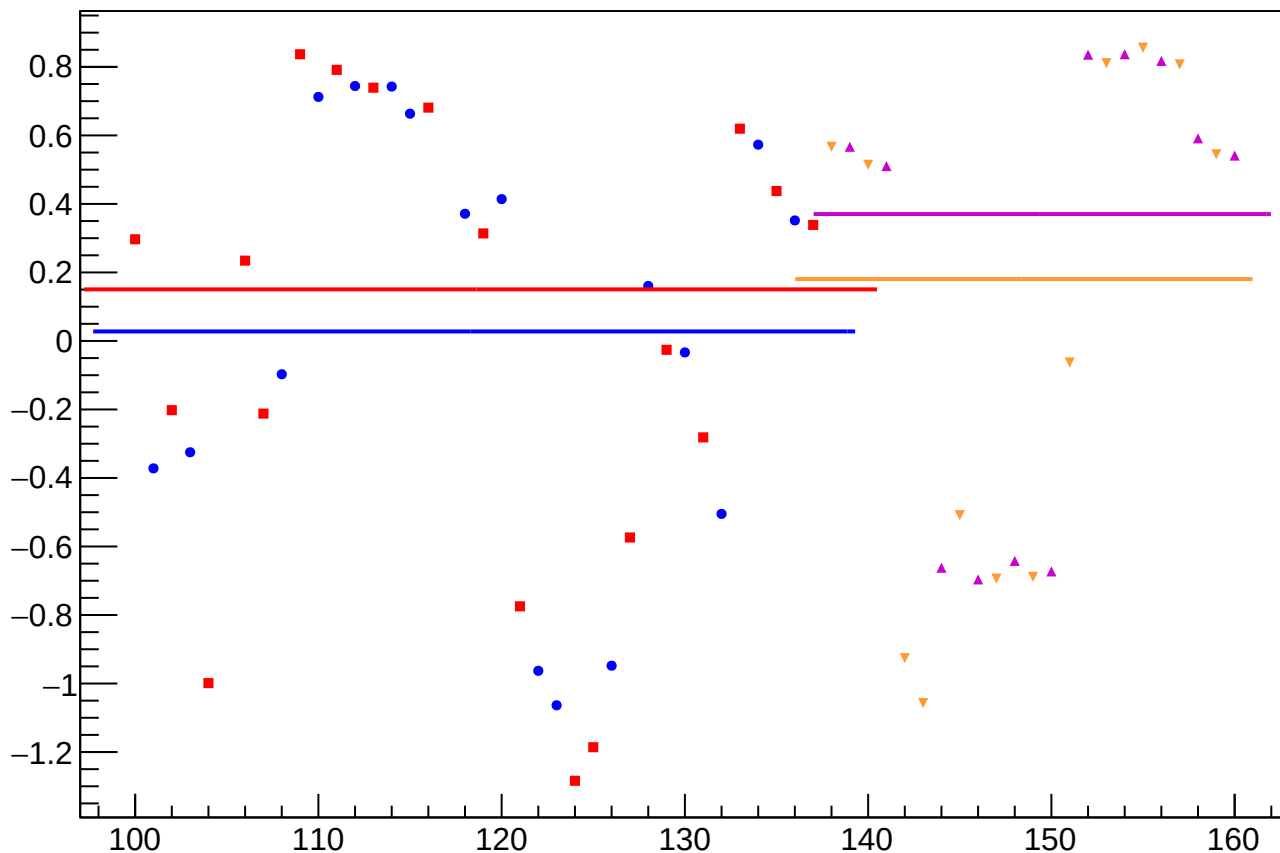
Right Out: 0.014 ± 0.000 χ^2/NDF : 503813.0/18

Left In: 0.013 ± 0.000 χ^2/NDF : 544111.0/10

0.013 ± 0.000 χ^2/NDF : 874875.7/28

0.014 ± 0.000 χ^2/NDF : 1076642.5/29

yield_bpm11Y_mean vs Slug



Right In: 0.028 $\pm$ 0.000 χ^2 /NDF: 6276955529.7/16

Left Out: 0.181 $\pm$ 0.000 χ^2 /NDF:23127901565.4/11

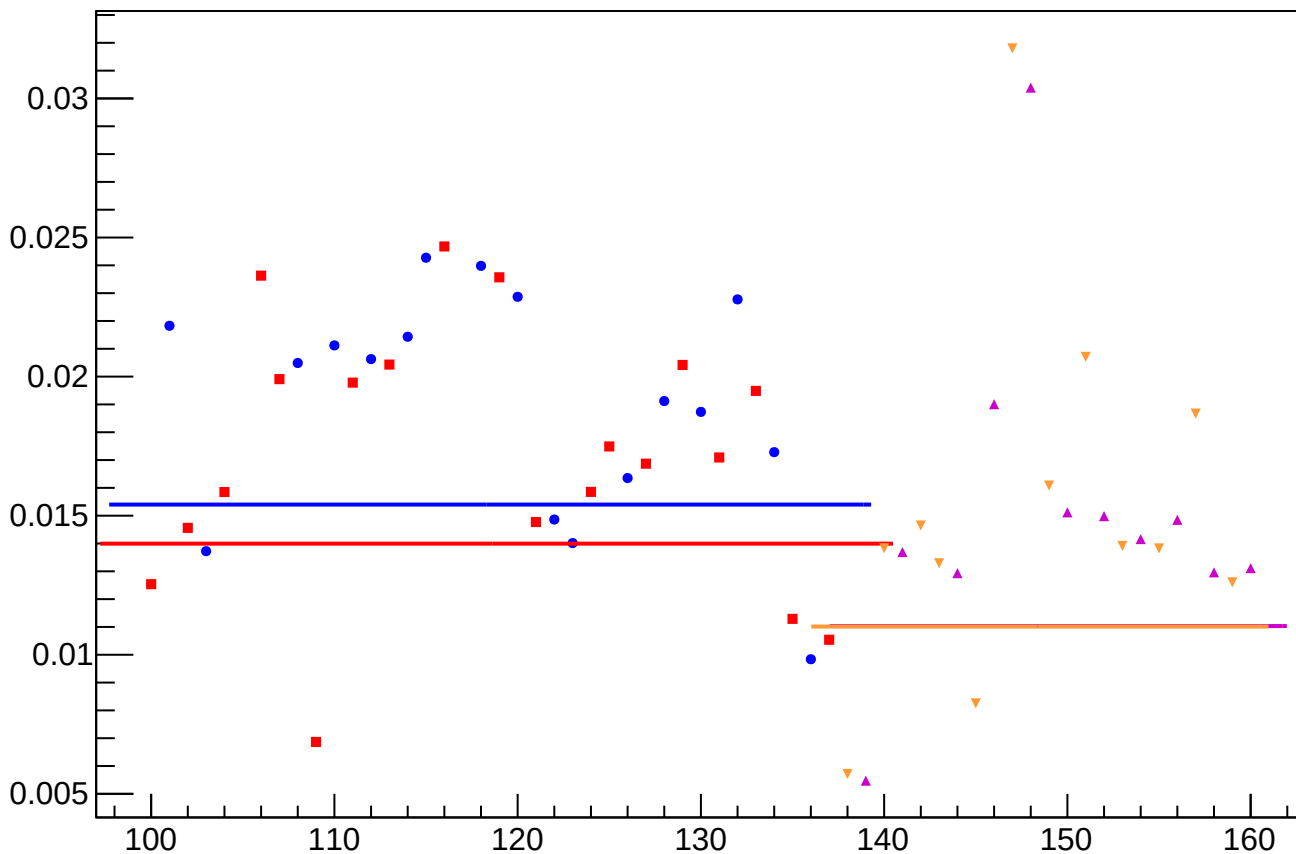
Right Out: 0.151 $\pm$ 0.000 χ^2 /NDF: 12653743155.9/18

Left In: 0.370 $\pm$ 0.000 χ^2 /NDF:16025844445.1/10

0.136 $\pm$ 0.000 χ^2 /NDF: 29795830404.2/28

0.298 $\pm$ 0.000 χ^2 /NDF: 29606810516.6/29

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.011+/-0.000 χ^2/NDF : 2806679.7/11

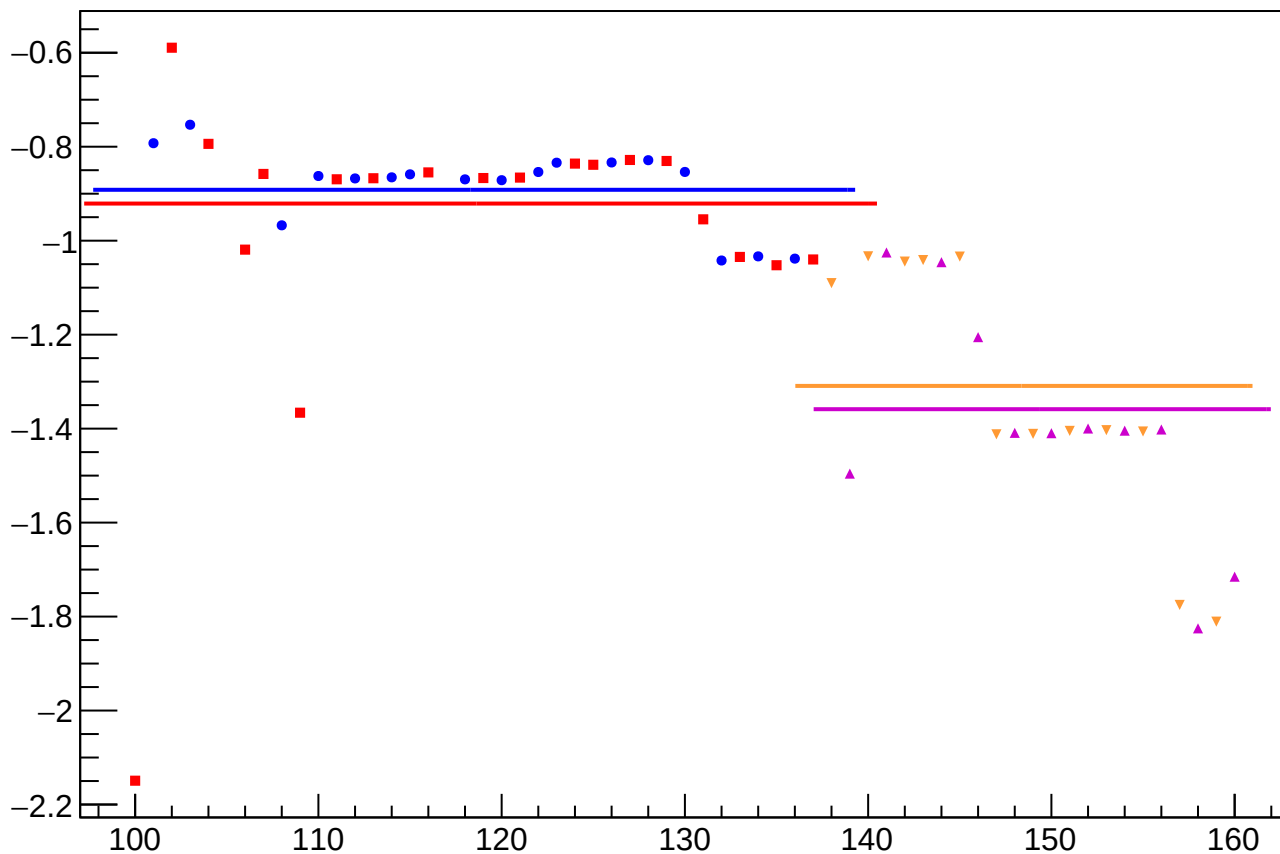
Right Out: 0.014+/-0.000 χ^2/NDF : 1561550.9/18

Left In: 0.011+/-0.000 χ^2/NDF : 2841232.1/10

0.012+/-0.000 χ^2/NDF : 4590558.6/28

0.012+/-0.000 χ^2/NDF : 4739579.3/29

yield_bpm12X_mean vs Slug



Right In: -0.892 ± 0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.309 ± 0.000 χ^2/NDF : 434721998.2/11

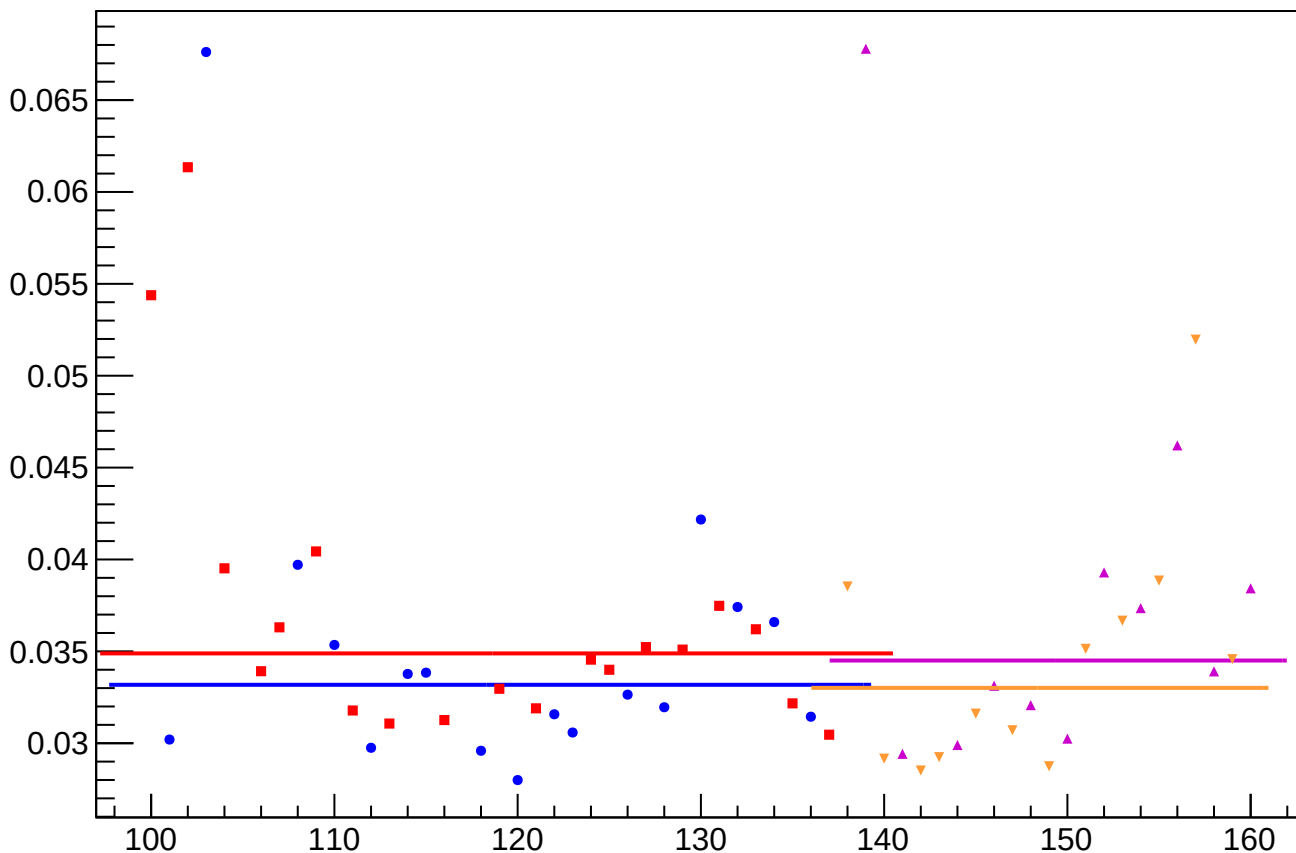
Right Out: -0.921 ± 0.000 χ^2/NDF : 131159330.1/18

Left In: -1.359 ± 0.000 χ^2/NDF : 400817928.5/10

-1.129 ± 0.000 χ^2/NDF : 996492061.9/28

-1.168 ± 0.000 χ^2/NDF : 1077893211.2/29

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.033+/-0.000 χ^2/NDF :337454.3/11

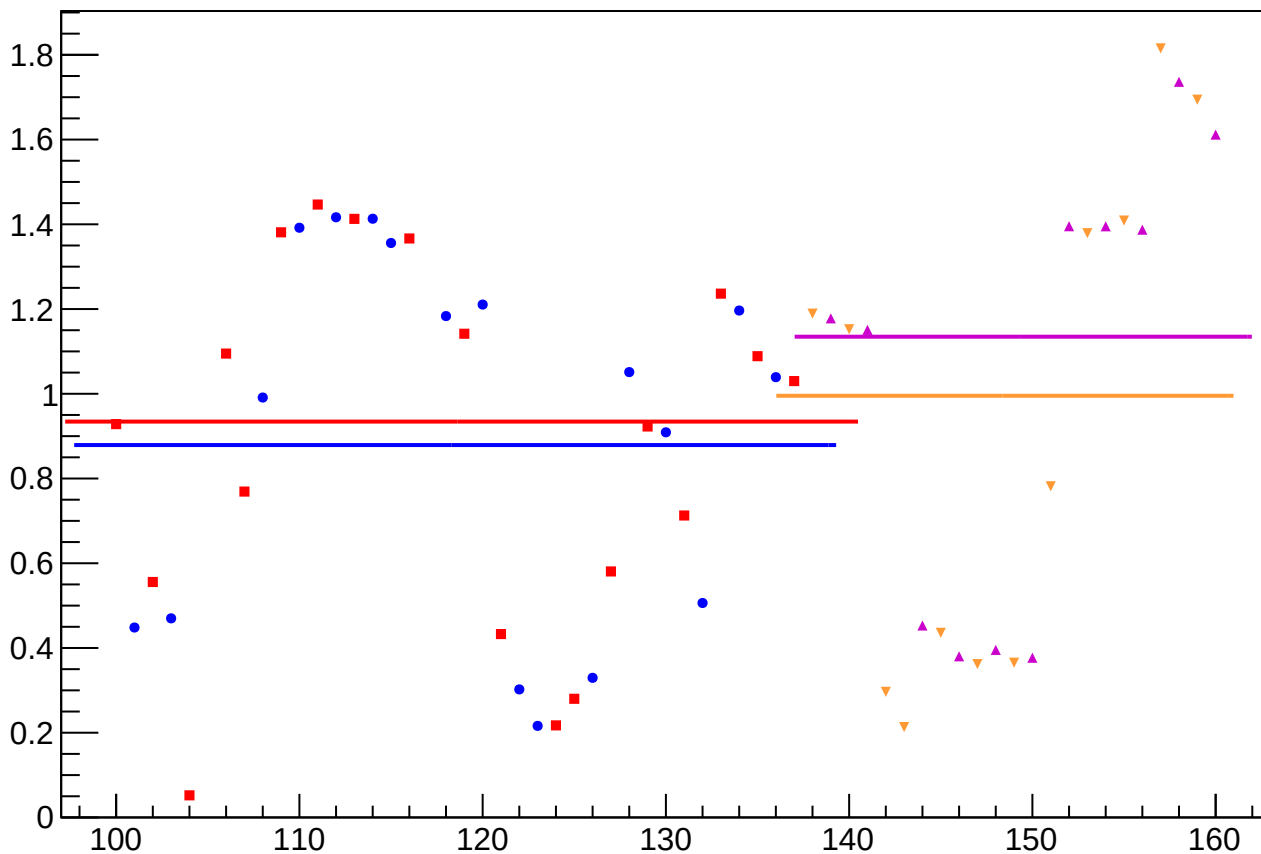
Right Out: 0.035+/-0.000 χ^2/NDF : 275013.9/18

Left In: 0.035+/-0.000 χ^2/NDF :590257.4/10

0.033+/-0.000 χ^2/NDF : 737726.2/28

0.035+/-0.000 χ^2/NDF : 866126.1/29

yield_bpm12Y_mean vs Slug



Right In: 0.879 ± 0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.995 ± 0.000 χ^2/NDF : 27782343770.6/11

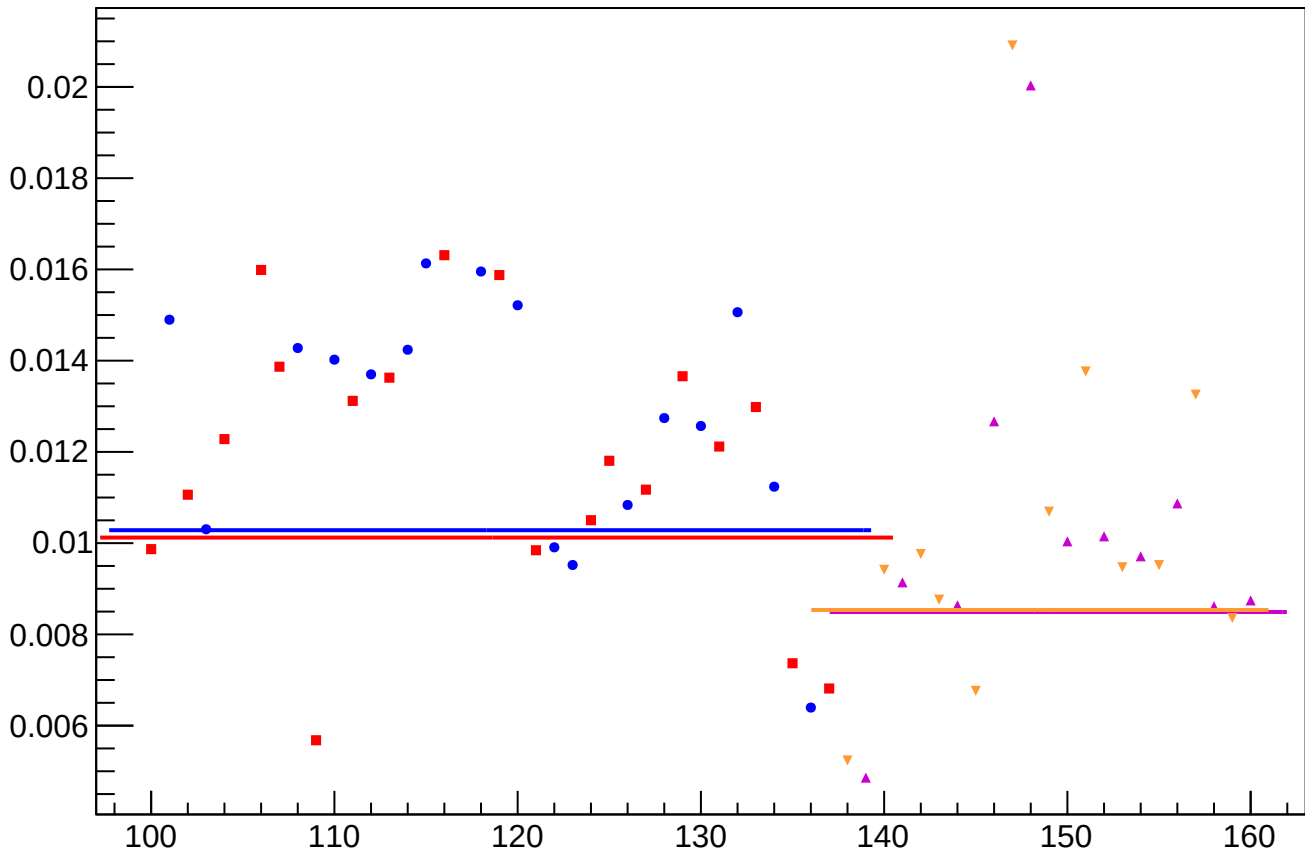
Right Out: 0.934 ± 0.000 χ^2/NDF : 9827120184.9/18

Left In: 1.135 ± 0.000 χ^2/NDF : 21393894369.6/10

0.957 ± 0.000 χ^2/NDF : 34627896593.1/28

1.066 ± 0.000 χ^2/NDF : 32717977095.2/29

yield_bpm12Y_rms vs Slug



Right In: 0.010 ± 0.000 $\chi^2/\text{NDF}: 1207460.1/16$

Left Out: 0.009 ± 0.000 $\chi^2/\text{NDF}: 1652426.3/11$

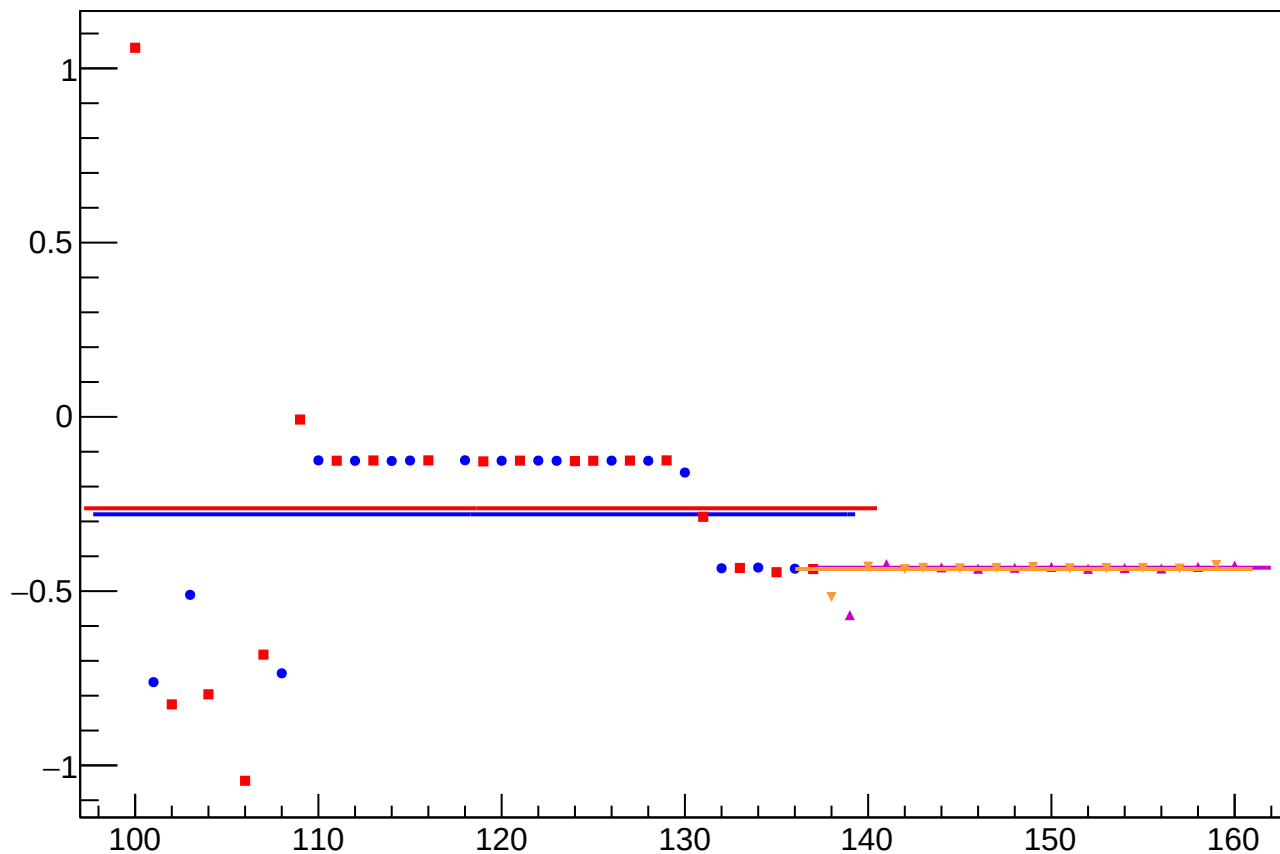
Right Out: 0.010 ± 0.000 $\chi^2/\text{NDF}: 1176642.1/18$

Left In: 0.008 ± 0.000 $\chi^2/\text{NDF}: 1609263.7/10$

0.009 ± 0.000 $\chi^2/\text{NDF}: 3073993.9/28$

0.009 ± 0.000 $\chi^2/\text{NDF}: 2984289.9/29$

yield_bpm16X_mean vs Slug



Right In: -0.280 ± 0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.436 ± 0.000 χ^2/NDF : 25403158.5/11

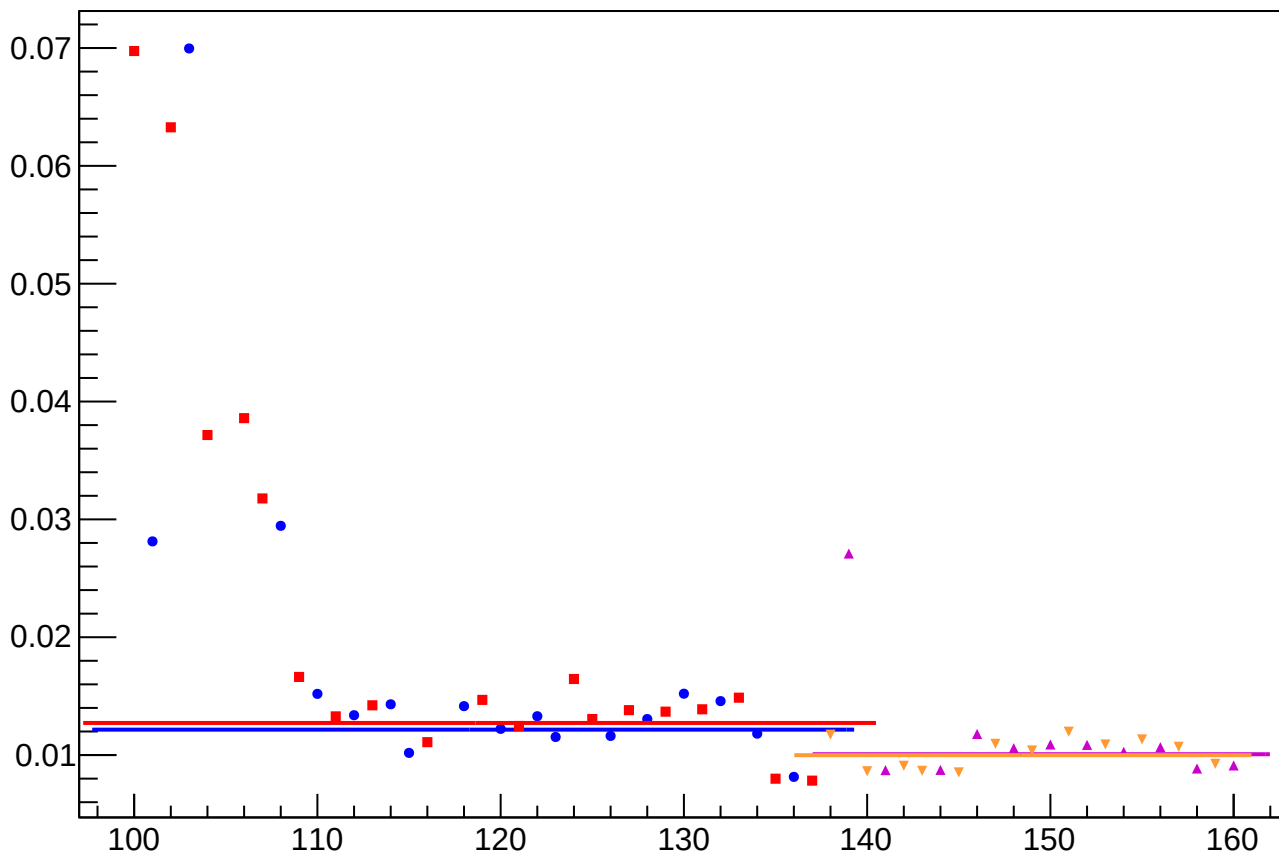
Right Out: -0.262 ± 0.000 χ^2/NDF : 1006263824.6/18

Left In: -0.433 ± 0.000 χ^2/NDF : 19331717.4/10

-0.389 ± 0.000 χ^2/NDF : 1495621891.0/28

-0.383 ± 0.000 χ^2/NDF : 1638863432.3/29

yield_bpm16X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1722777.4/16

Left Out: 0.010+/-0.000 χ^2/NDF :210191.3/11

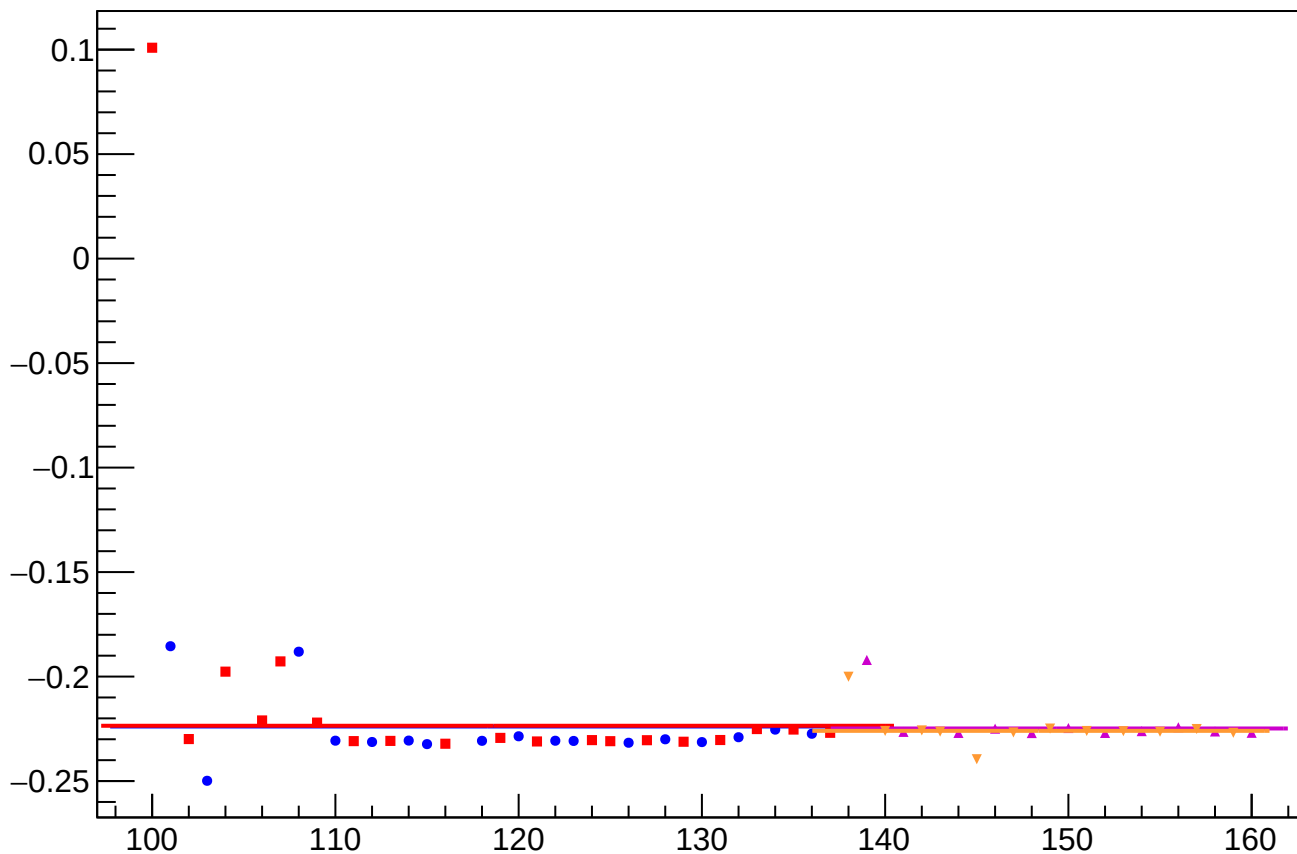
Right Out: 0.013+/-0.000 χ^2/NDF : 1967397.9/18

Left In: 0.010+/-0.000 χ^2/NDF :716531.3/10

0.011+/-0.000 χ^2/NDF : 2139425.4/28

0.011+/-0.000 χ^2/NDF : 2981275.8/29

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2/NDF : 74600073.9/16

Left Out: -0.226+/-0.000 χ^2/NDF : 20563288.2/11

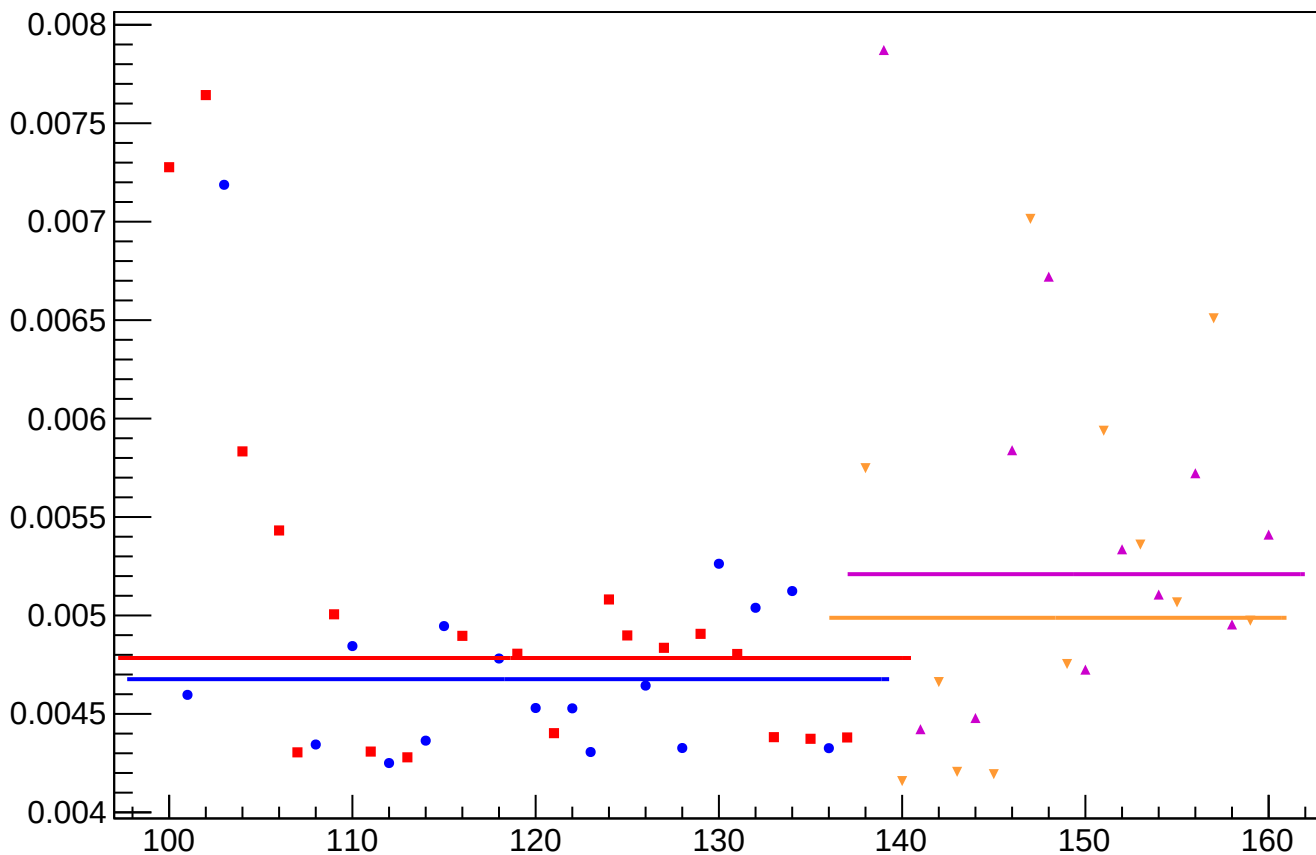
Right Out: -0.224+/-0.000 χ^2/NDF : 168124199.3/18

Left In: -0.225+/-0.000 χ^2/NDF : 12647408.2/10

-0.225+/-0.000 χ^2/NDF : 95811398.4/28

-0.224+/-0.000 χ^2/NDF : 181017613.8/29

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 180780.8/16

Left Out: 0.005+/-0.000 χ^2/NDF : 424101.4/11

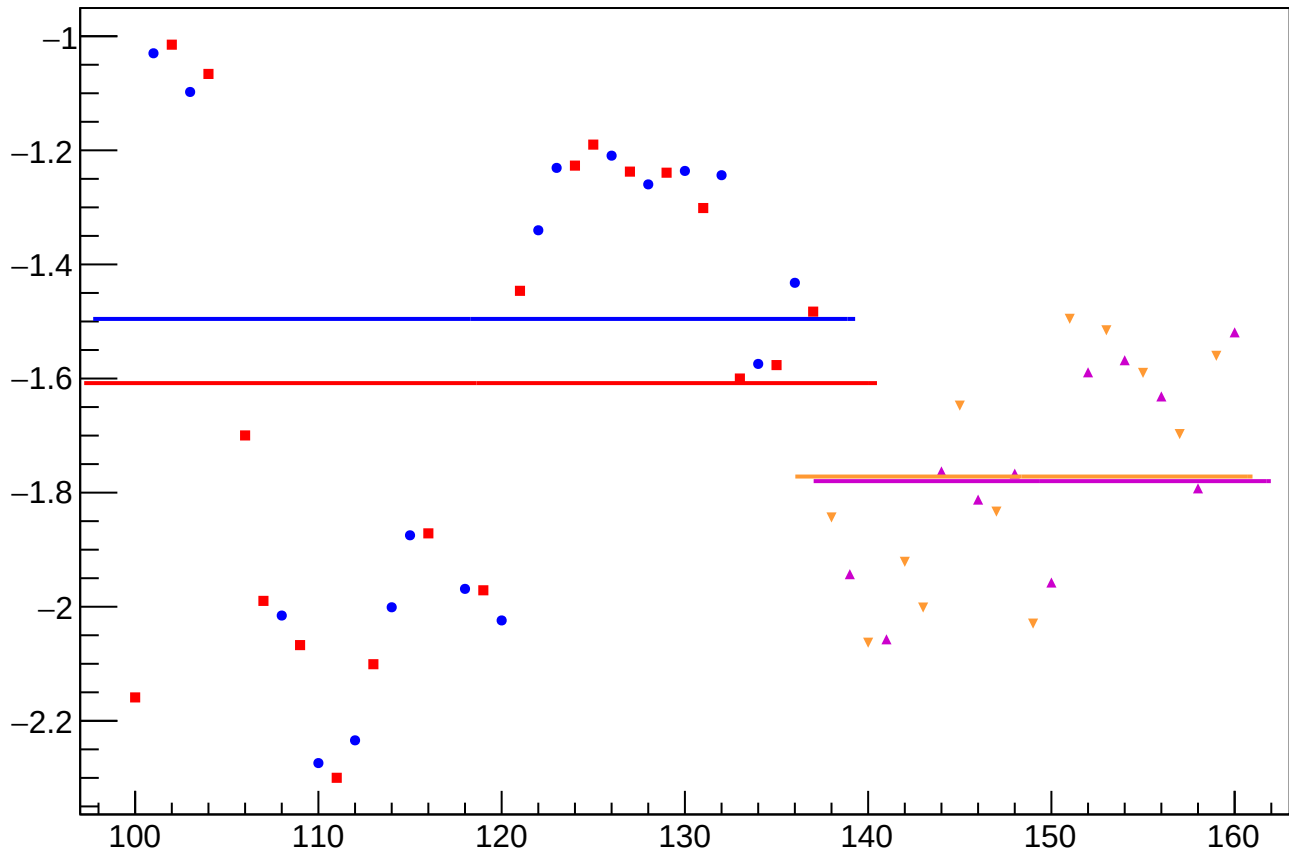
Right Out: 0.005+/-0.000 χ^2/NDF : 248269.2/18

Left In: 0.005+/-0.000 χ^2/NDF : 379152.1/10

0.005+/-0.000 χ^2/NDF : 633802.2/28

0.005+/-0.000 χ^2/NDF : 680365.7/29

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.772+/-0.000 χ^2/NDF : 9619469586.2/11

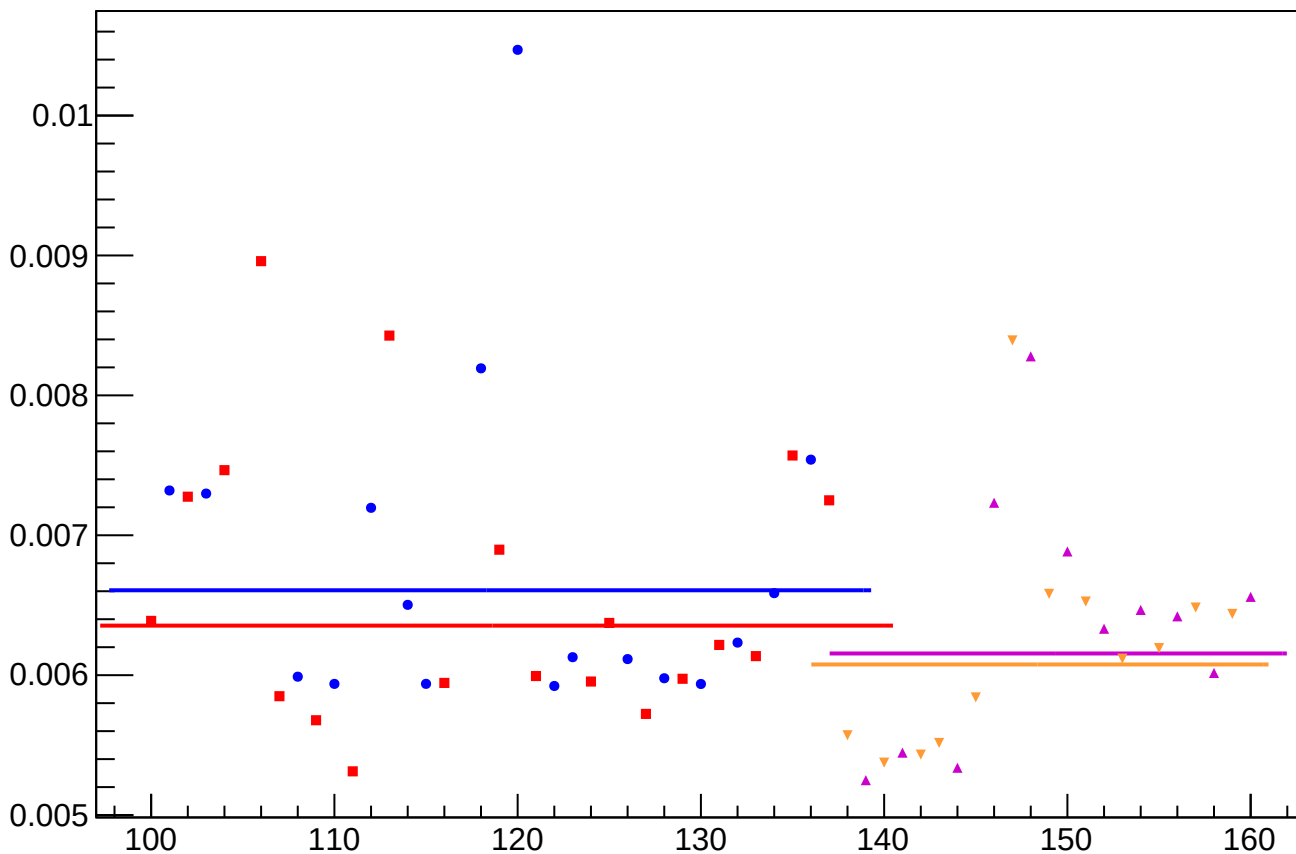
-1.667+/-0.000 χ^2/NDF : 38699798951.9/28

Right Out: -1.608+/-0.000 χ^2/NDF : 27852841950.3/18

-1.706+/-0.000 χ^2/NDF : 37128976413.0/29

Left In: -1.780+/-0.000 χ^2/NDF : 6518777647.2/10

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 201323.2/16

Left Out: 0.006+/-0.000 χ^2/NDF :198735.3/11

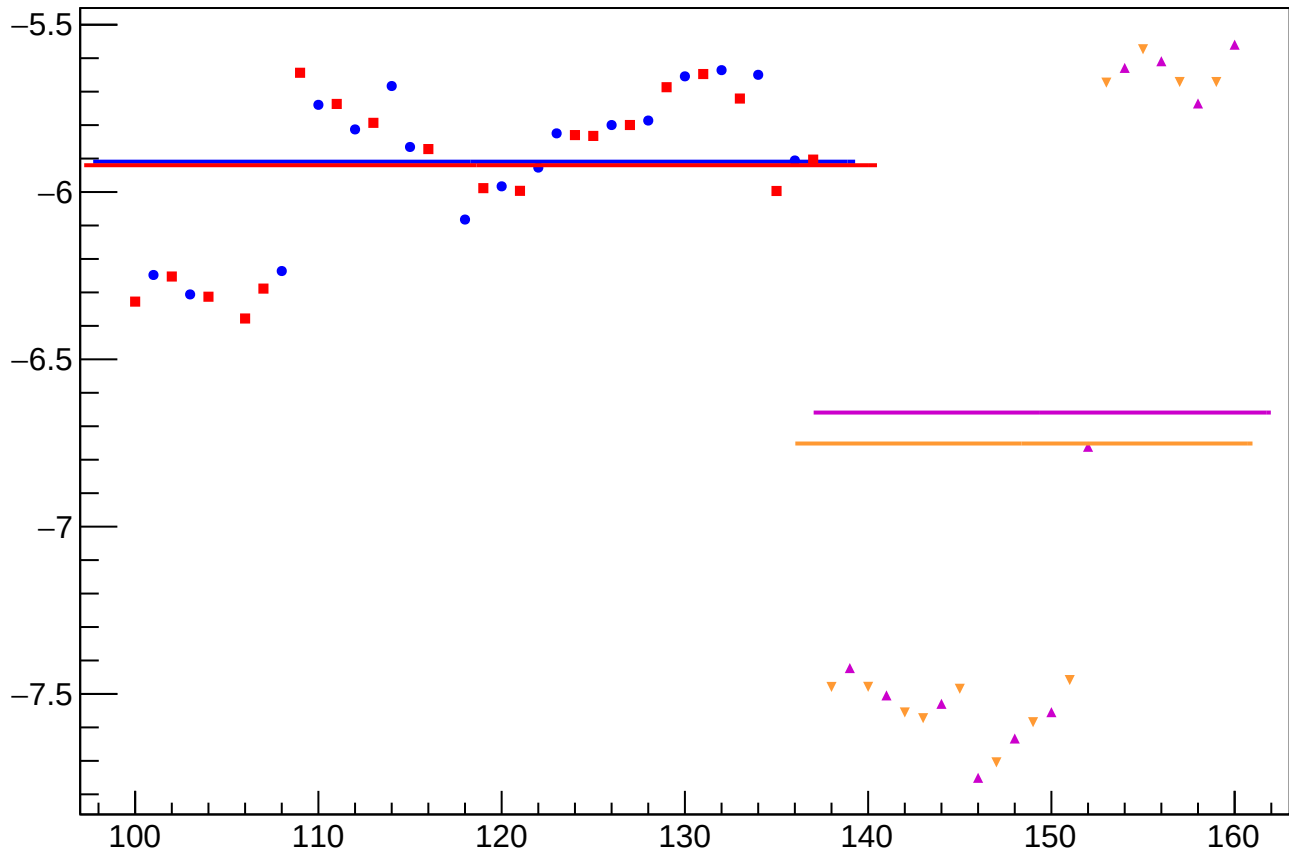
Right Out: 0.006+/-0.000 χ^2/NDF : 227287.9/18

Left In: 0.006+/-0.000 χ^2/NDF :265320.8/10

0.006+/-0.000 χ^2/NDF : 448508.3/28

0.006+/-0.000 χ^2/NDF : 500013.7/29

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -6.752+/-0.000 χ^2/NDF : 101000655767.6/11

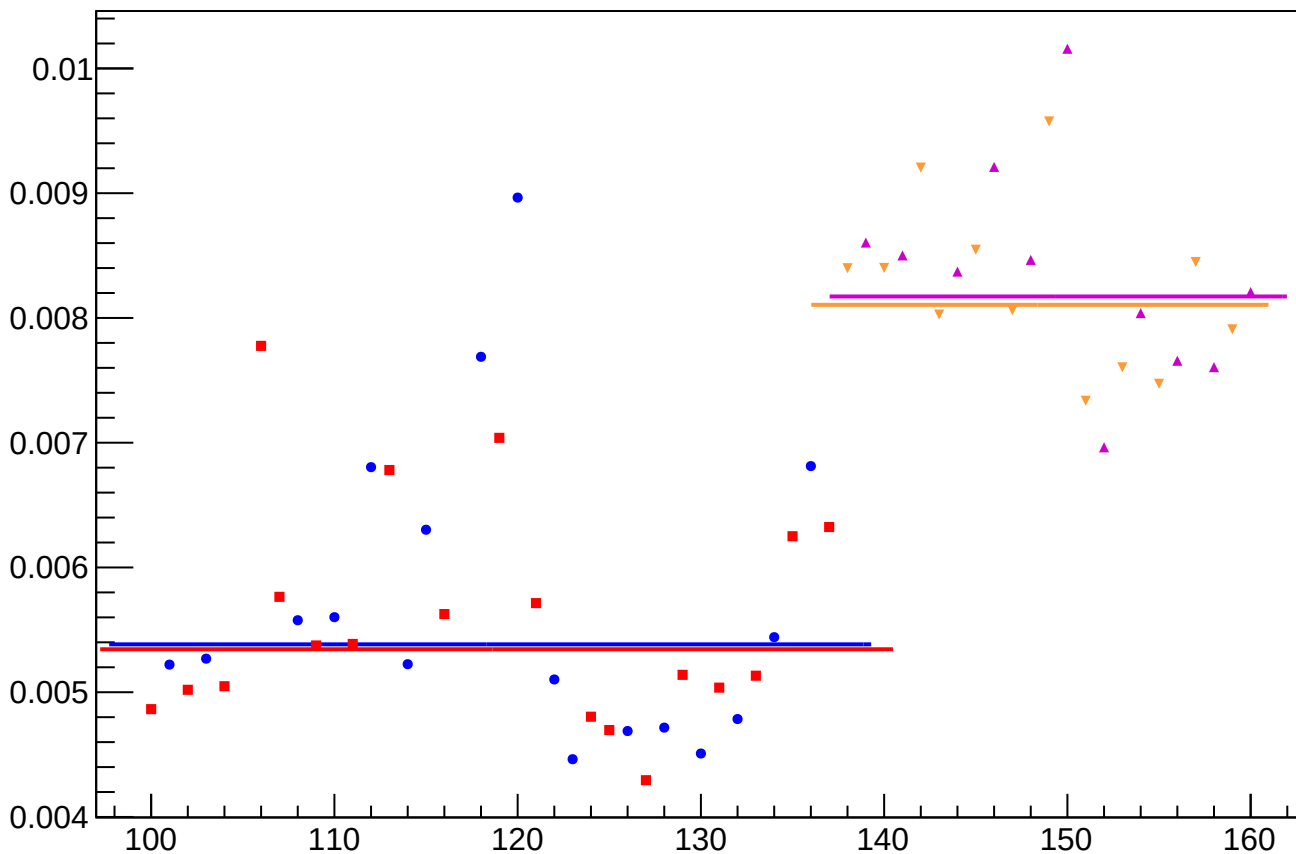
-6.216+/-0.000 χ^2/NDF : 164347329949.7/28

Right Out: -5.920+/-0.000 χ^2/NDF : 12785272526.6/18

-6.174+/-0.000 χ^2/NDF : 149264151478.9/29

Left In: -6.659+/-0.000 χ^2/NDF : 94597636570.9/10

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 347627.8/16

Left Out: 0.008+/-0.000 χ^2/NDF :83247.2/11

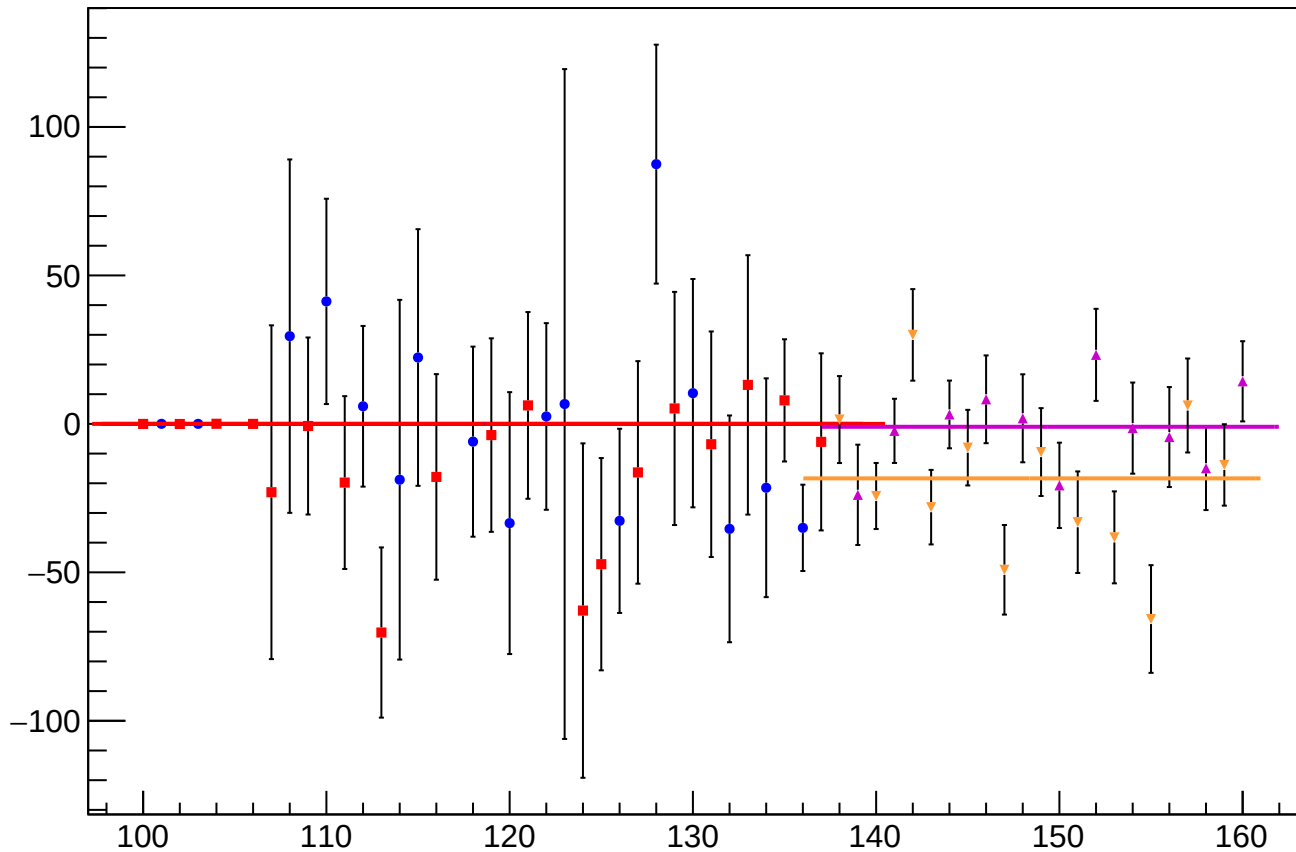
Right Out: 0.005+/-0.000 χ^2/NDF : 244700.0/18

Left In: 0.008+/-0.000 χ^2/NDF :139497.1/10

0.006+/-0.000 χ^2/NDF : 1521083.2/28

0.006+/-0.000 χ^2/NDF : 1610132.0/29

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -18.352 ± 4.139 χ^2/NDF : 29.4/11

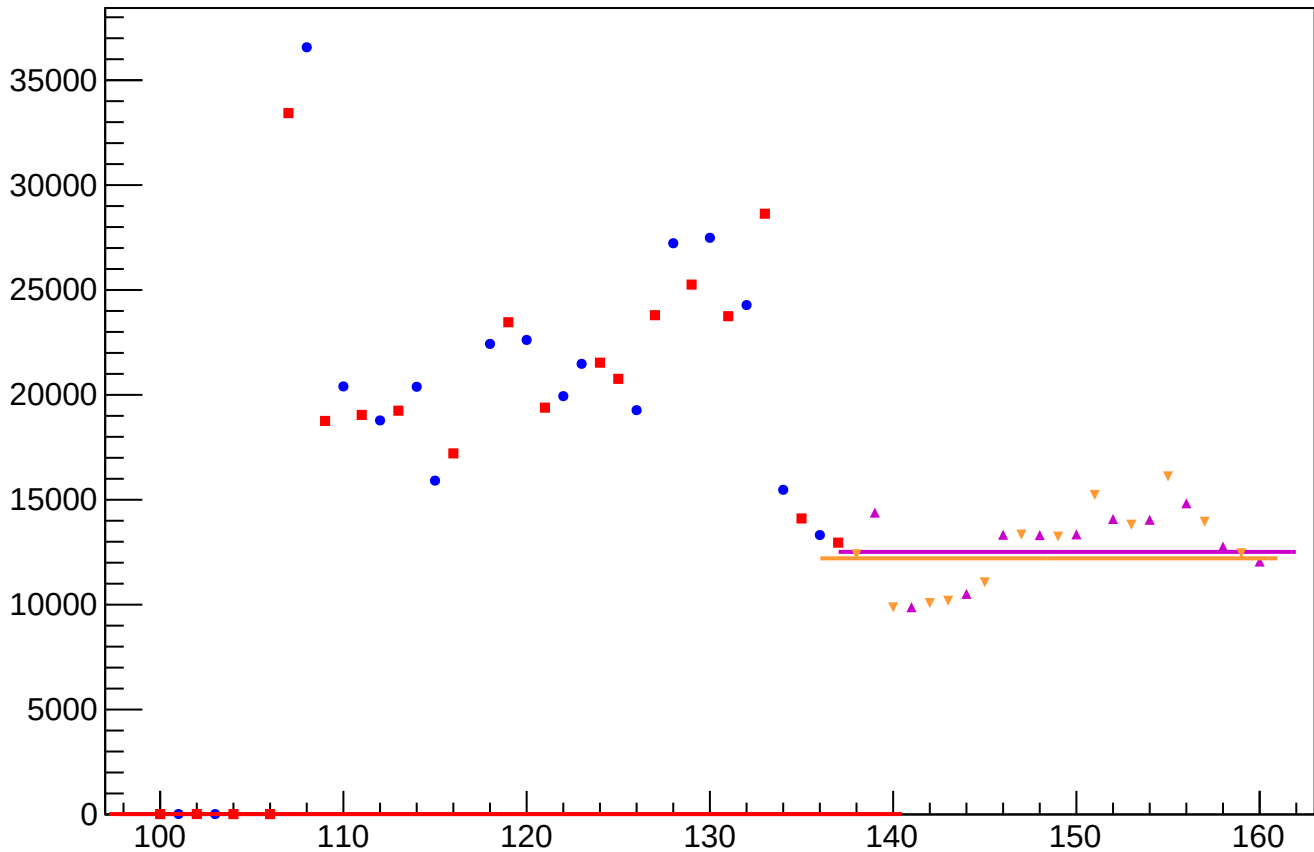
Right Out: 0.003 ± 0.016 χ^2/NDF : 15.3/18

Left In: -0.976 ± 4.219 χ^2/NDF : 9.1/10

0.013 ± 0.017 χ^2/NDF : 64.9/28

0.003 ± 0.016 χ^2/NDF : 24.4/29

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 12207.208+/-2.927 χ^2/NDF : 417104.4/11

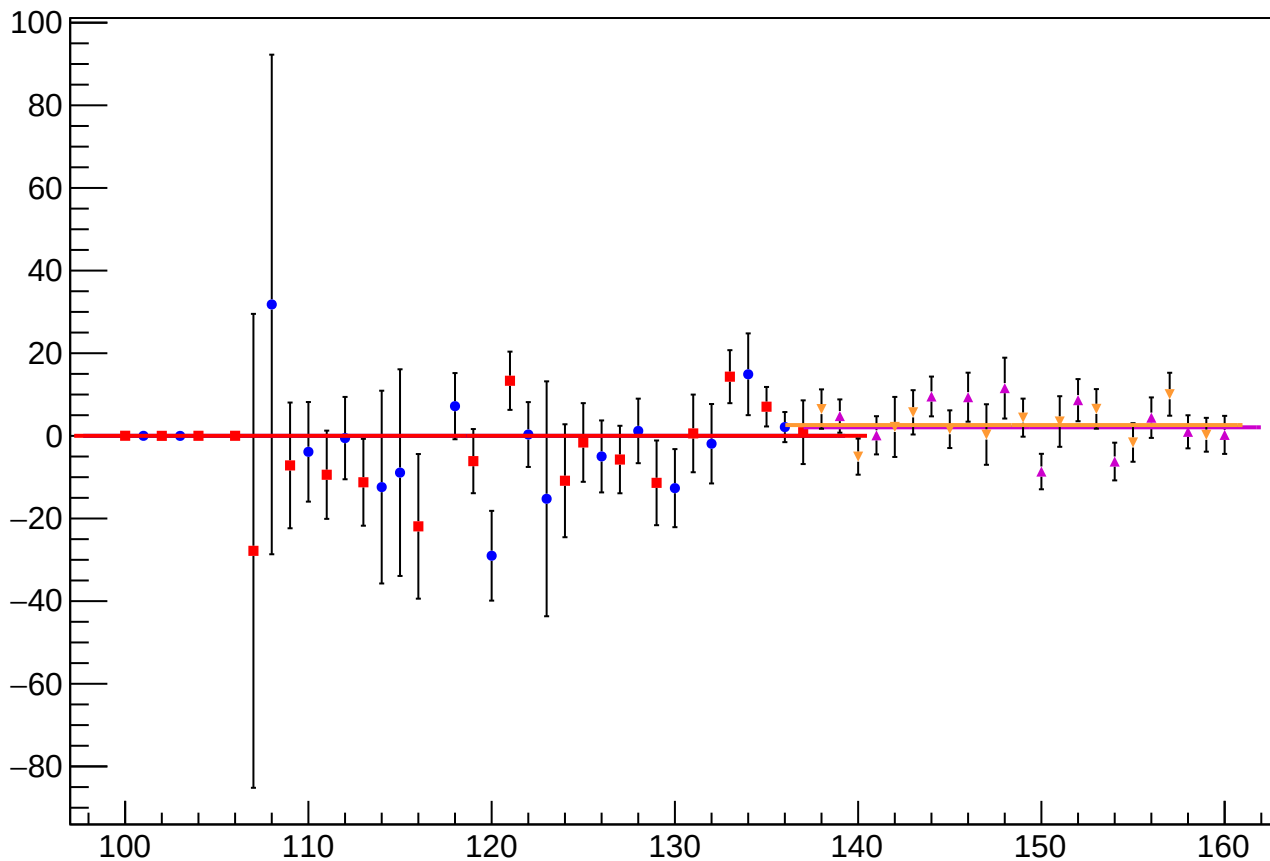
Right Out: 18.311+/-0.011 χ^2/NDF : 11103320.8/18

Left In: 12515.665+/-2.983 χ^2/NDF : 305040.5/10

18.855+/-0.012 χ^2/NDF : 28599176.5/28

18.493+/-0.011 χ^2/NDF : 28959693.5/29

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 14.9/16

Left Out: 2.613+/-1.448 χ^2/NDF : 8.2/11

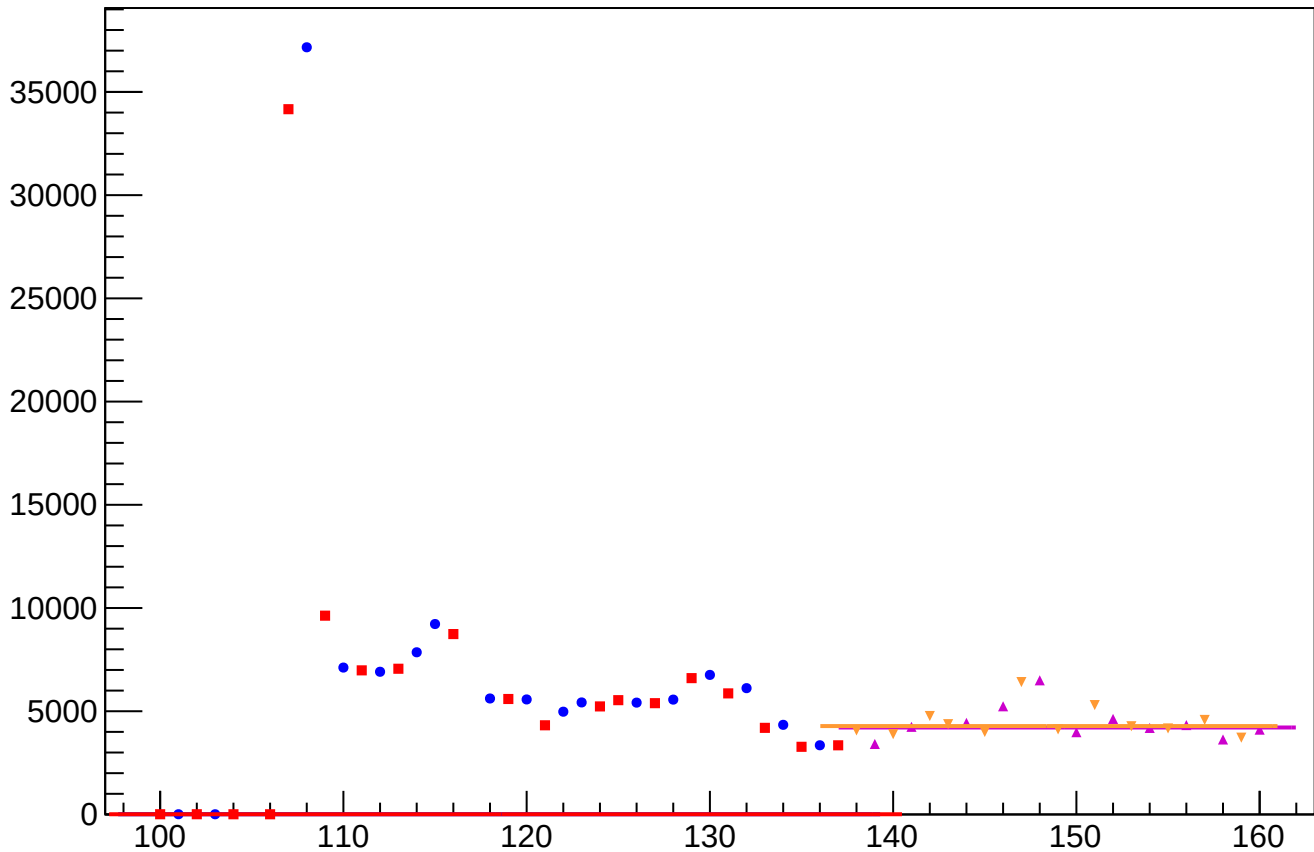
Right Out: 0.014+/-0.009 χ^2/NDF : 18.4/18

Left In: 2.069+/-1.428 χ^2/NDF : 17.9/10

0.001+/-0.009 χ^2/NDF : 26.4/28

0.014+/-0.009 χ^2/NDF : 38.3/29

diff_cav4bY_rms vs Slug



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4281.110+/-1.024 χ^2/NDF : 309698.1/11

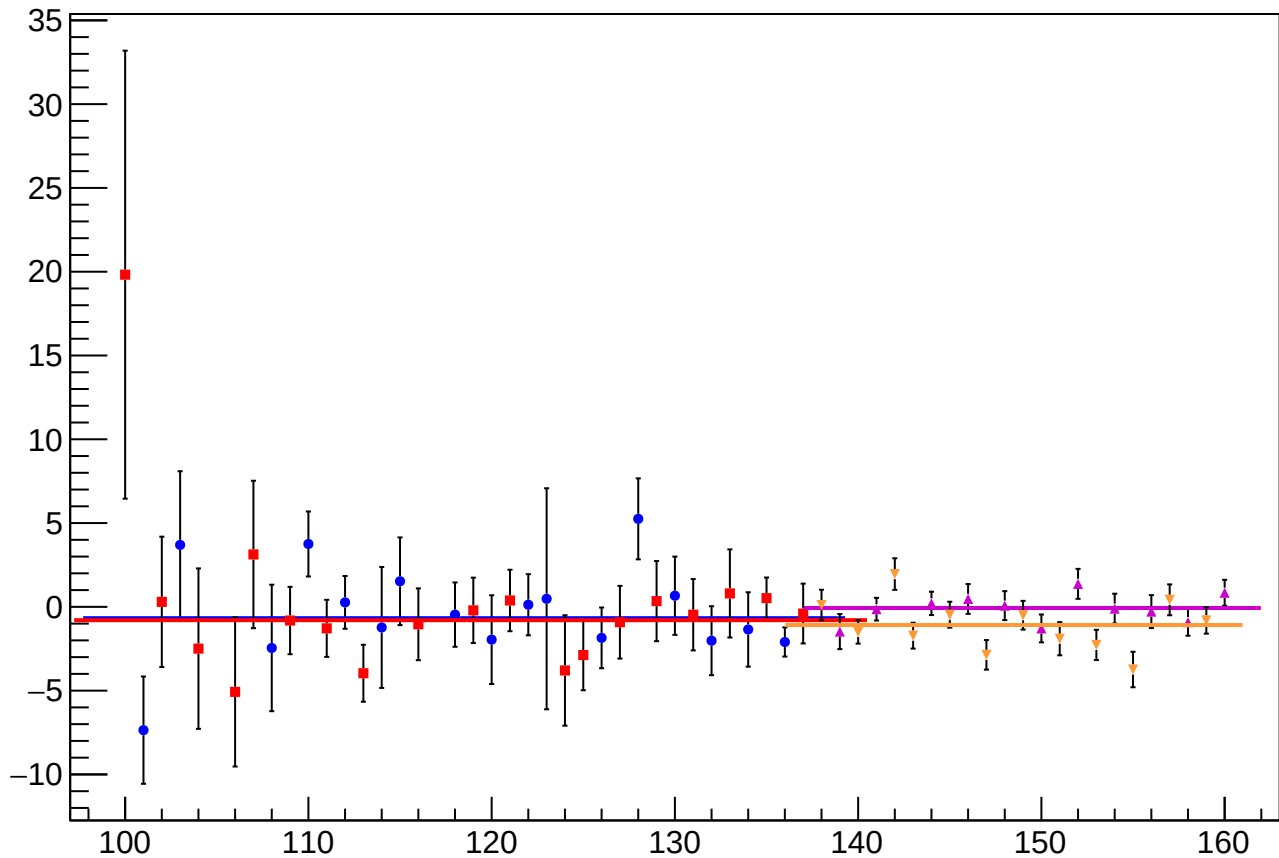
Right Out: 9.854+/-0.006 χ^2/NDF : 11152667.7/18

Left In: 4212.542+/-1.010 χ^2/NDF : 398768.2/10

10.110+/-0.007 χ^2/NDF : 28673948.9/28

10.008+/-0.006 χ^2/NDF : 28875259.4/29

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -1.084 ± 0.248 χ^2/NDF : 29.8/11

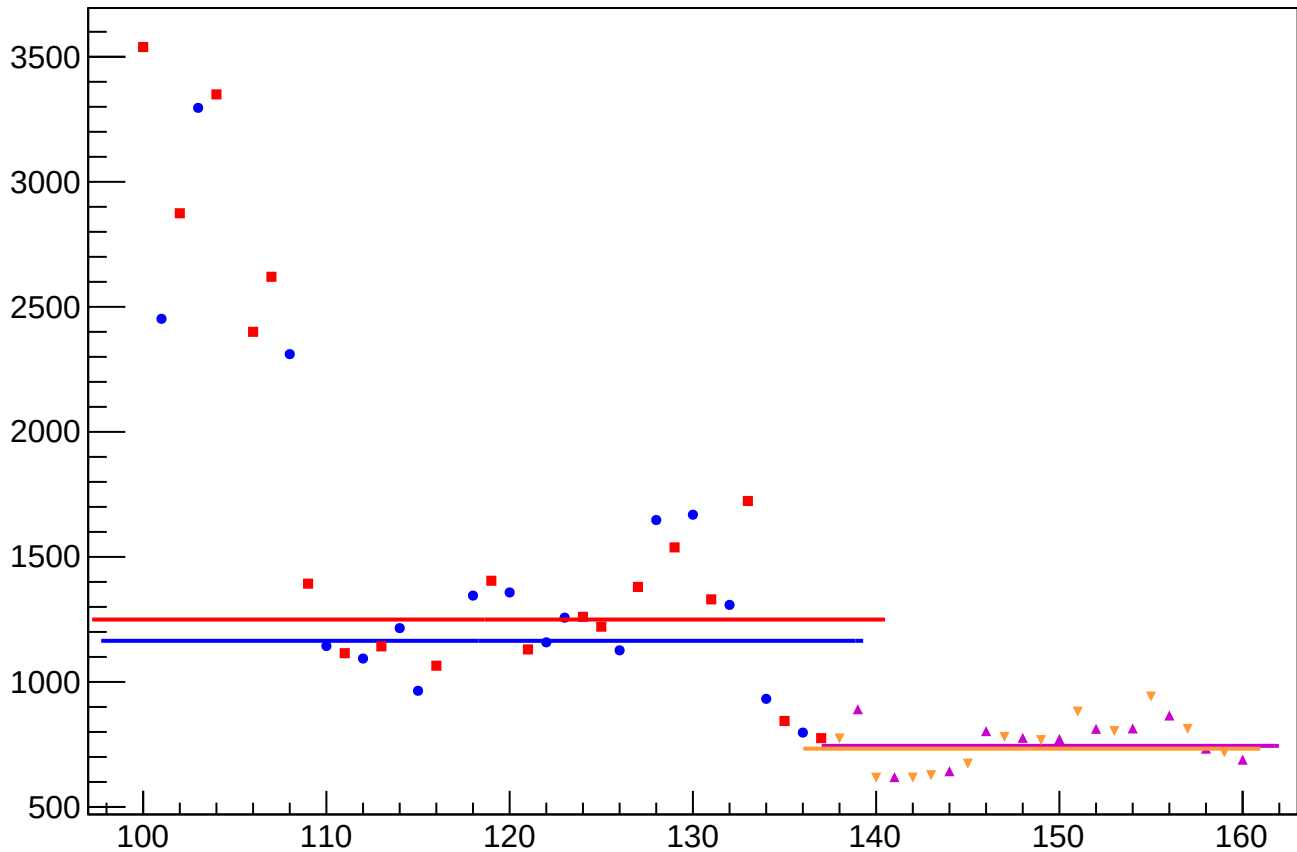
Right Out: -0.795 ± 0.501 χ^2/NDF : 12.0/18

Left In: -0.068 ± 0.250 χ^2/NDF : 9.7/10

-0.999 ± 0.220 χ^2/NDF : 52.6/28

-0.213 ± 0.224 χ^2/NDF : 23.3/29

diff_cav4cX_rms vs Slug



Right In: 1164.459+/-0.342 χ^2/NDF : 1584212.9/16

Left Out: 733.160+/-0.175 χ^2/NDF : 298102.4/11

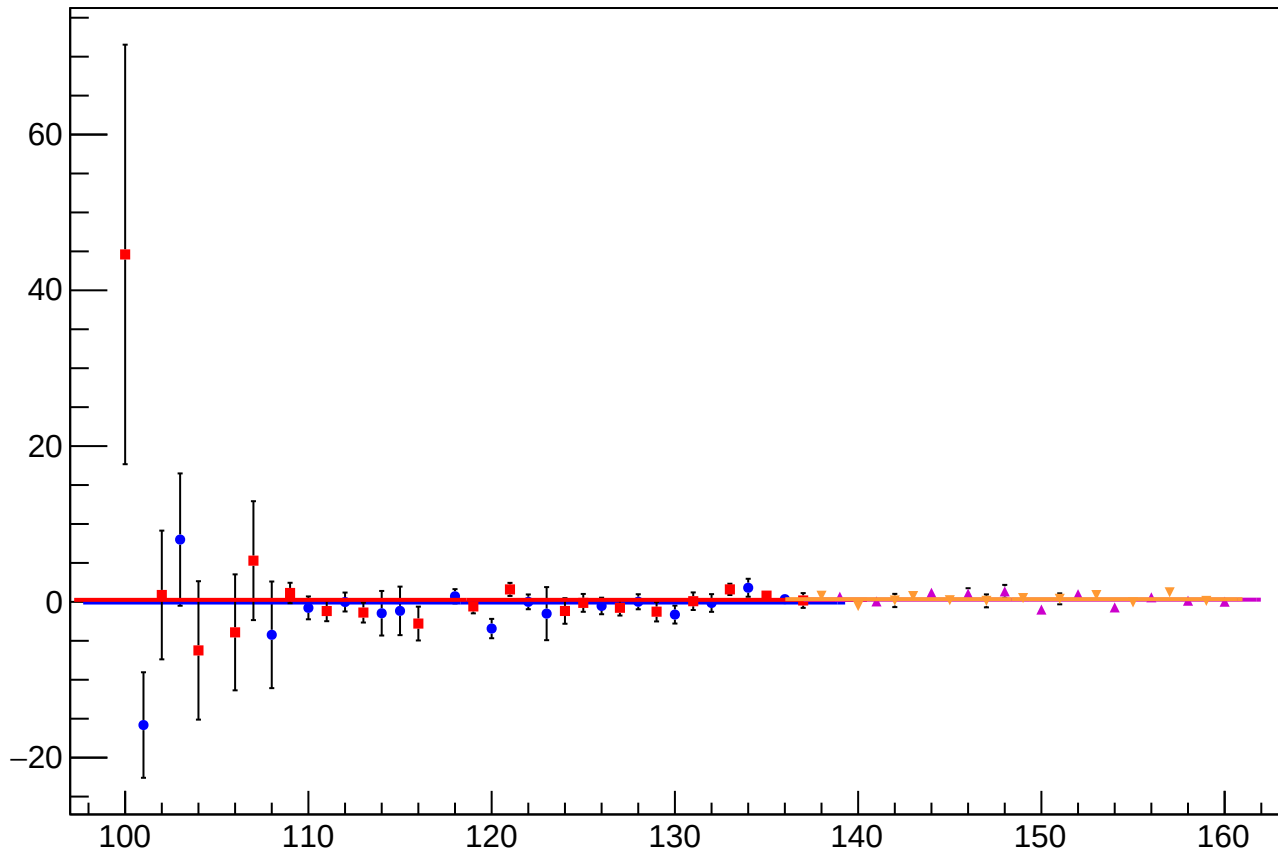
822.594+/-0.156 χ^2/NDF : 3140444.8/28

Right Out: 1249.596+/-0.354 χ^2/NDF : 1650133.1/18

845.202+/-0.158 χ^2/NDF : 3504624.7/29

Left In: 744.403+/-0.177 χ^2/NDF : 228526.6/10

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.344 ± 0.173 χ^2/NDF : 7.7/11

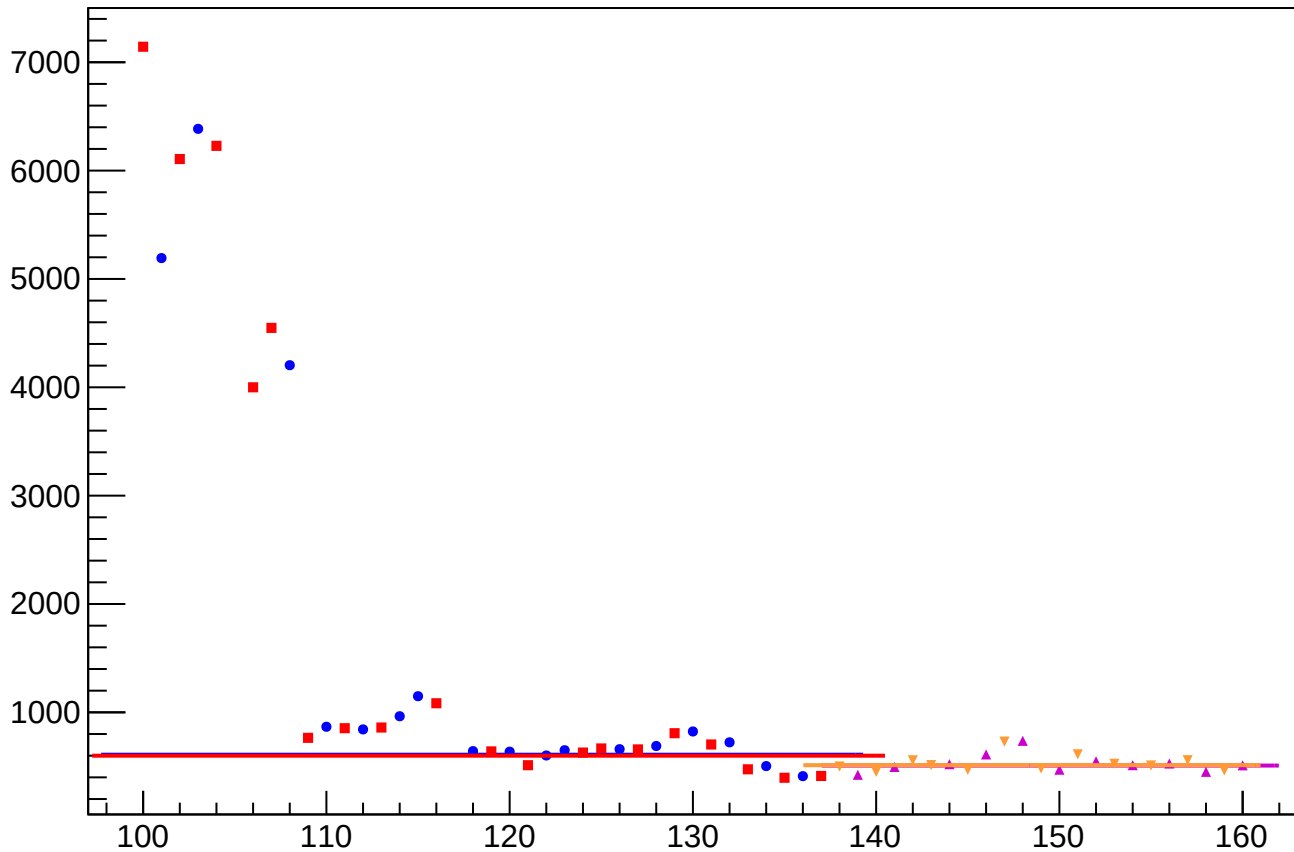
Right Out: 0.259 ± 0.264 χ^2/NDF : 20.4/18

Left In: 0.282 ± 0.172 χ^2/NDF : 17.5/10

0.219 ± 0.146 χ^2/NDF : 30.6/28

0.276 ± 0.144 χ^2/NDF : 37.9/29

diff_cav4cY_rms vs Slug



Right In: 609.016 $\pm$ 0.191 χ^2 /NDF: 3139231.5/16

Left Out: 512.517 $\pm$ 0.122 χ^2 /NDF: 261951.4/11

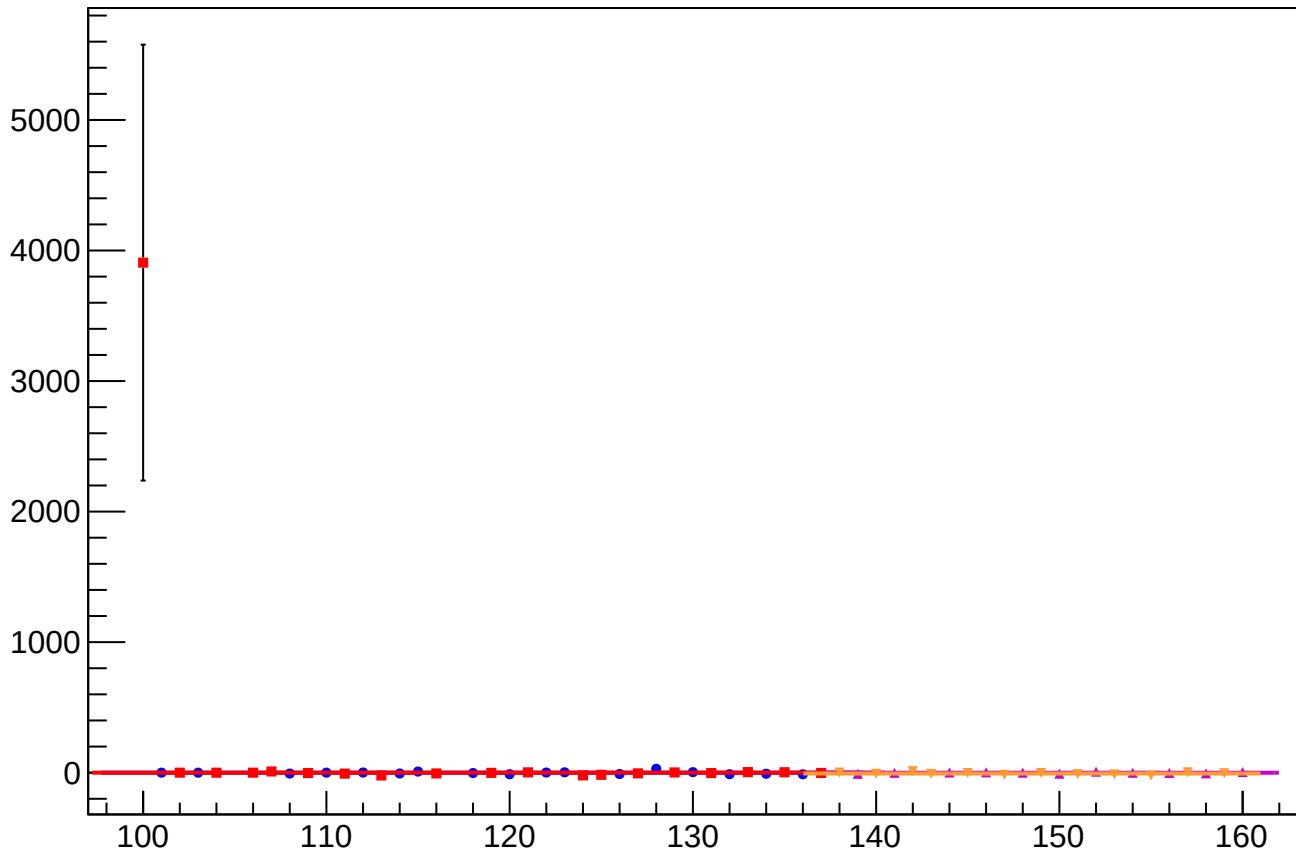
540.590 $\pm$ 0.103 χ^2 /NDF: 3582131.0/28

Right Out: 599.910 $\pm$ 0.187 χ^2 /NDF: 3547599.8/18

535.877 $\pm$ 0.102 χ^2 /NDF: 4017749.8/29

Left In: 508.792 $\pm$ 0.122 χ^2 /NDF: 303147.8/10

diff_cav4dX_mean vs Slug



Right In: -0.022+/-0.021 χ^2 /NDF: 15.3/16

Left Out: -6.257+/-1.439 χ^2 /NDF: 29.8/11

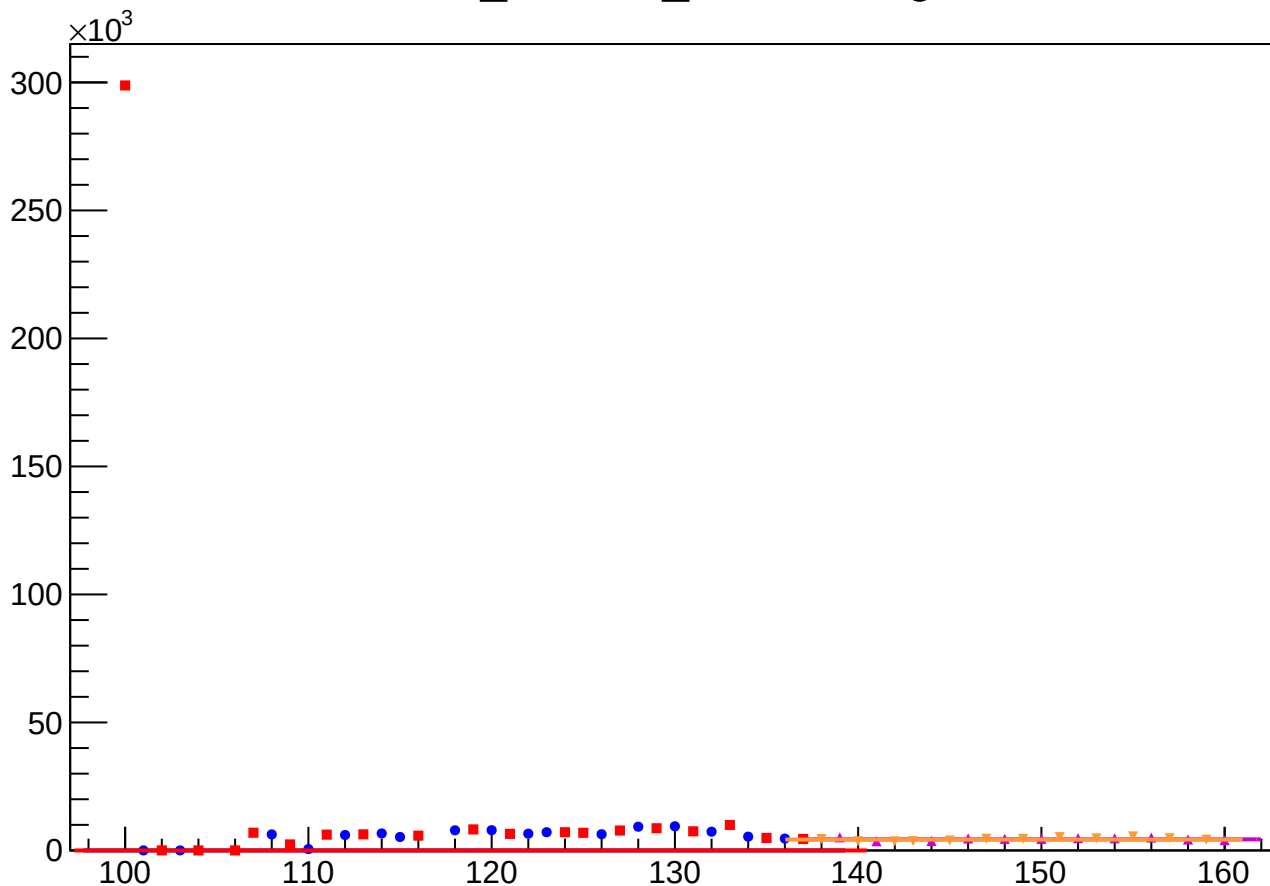
Right Out: -0.027+/-0.020 χ^2 /NDF: 17.3/18

Left In: -0.358+/-1.458 χ^2 /NDF: 9.6/10

-0.023+/-0.021 χ^2 /NDF: 63.8/28

-0.027+/-0.020 χ^2 /NDF: 26.9/29

diff_cav4dX_rms vs Slug



Right In: 17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

Left Out: 4258.222 $\pm$ 1.018 χ^2 /NDF: 321176.0/11

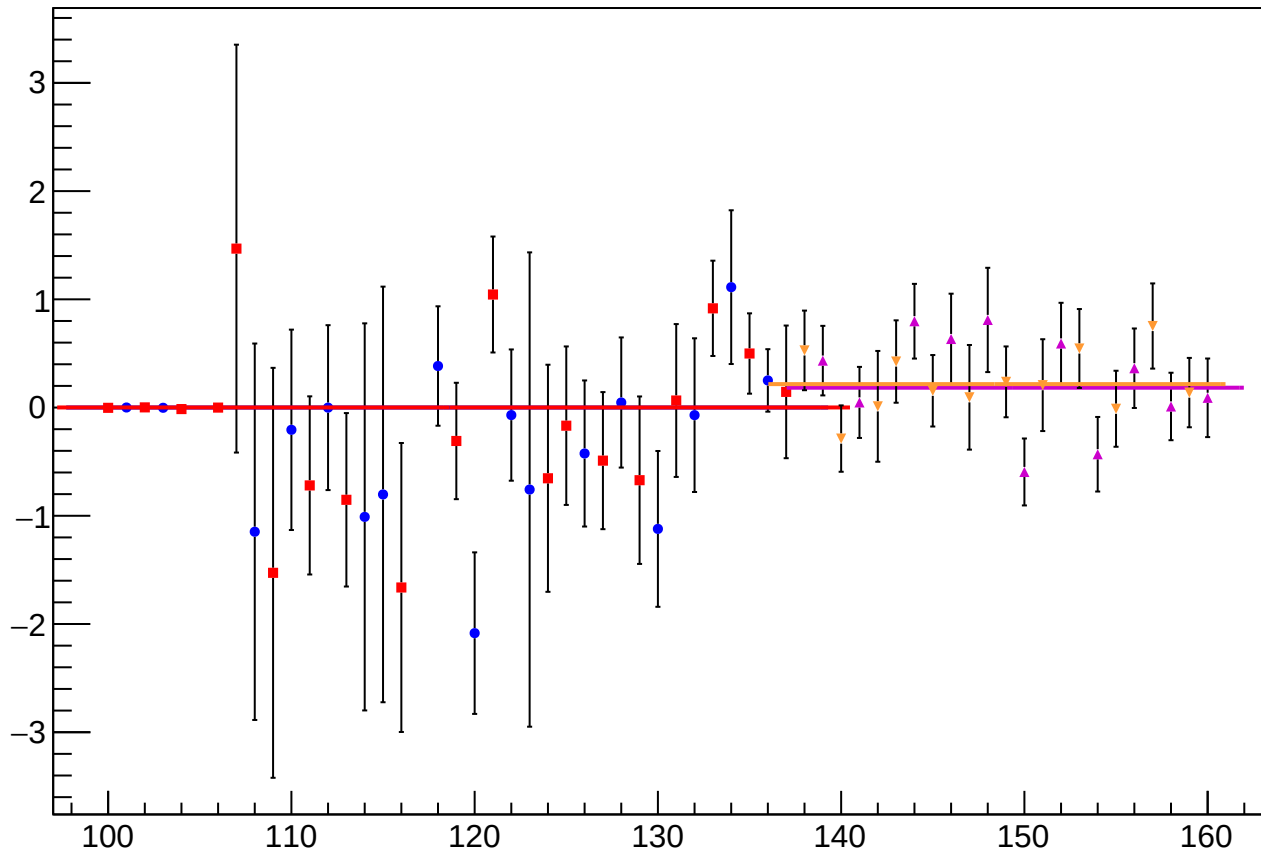
Right Out: 17.268 $\pm$ 0.014 χ^2 /NDF: 10813350.8/18

Left In: 4335.271 $\pm$ 1.031 χ^2 /NDF: 240182.4/10

18.222 $\pm$ 0.015 χ^2 /NDF: 28040473.3/28

18.062 $\pm$ 0.014 χ^2 /NDF: 28591151.7/29

diff_cav4dY_mean vs Slug



Right In: 0.000 ± 0.002 χ^2/NDF : 15.6/16

Left Out: 0.217 ± 0.106 χ^2/NDF : 7.1/11

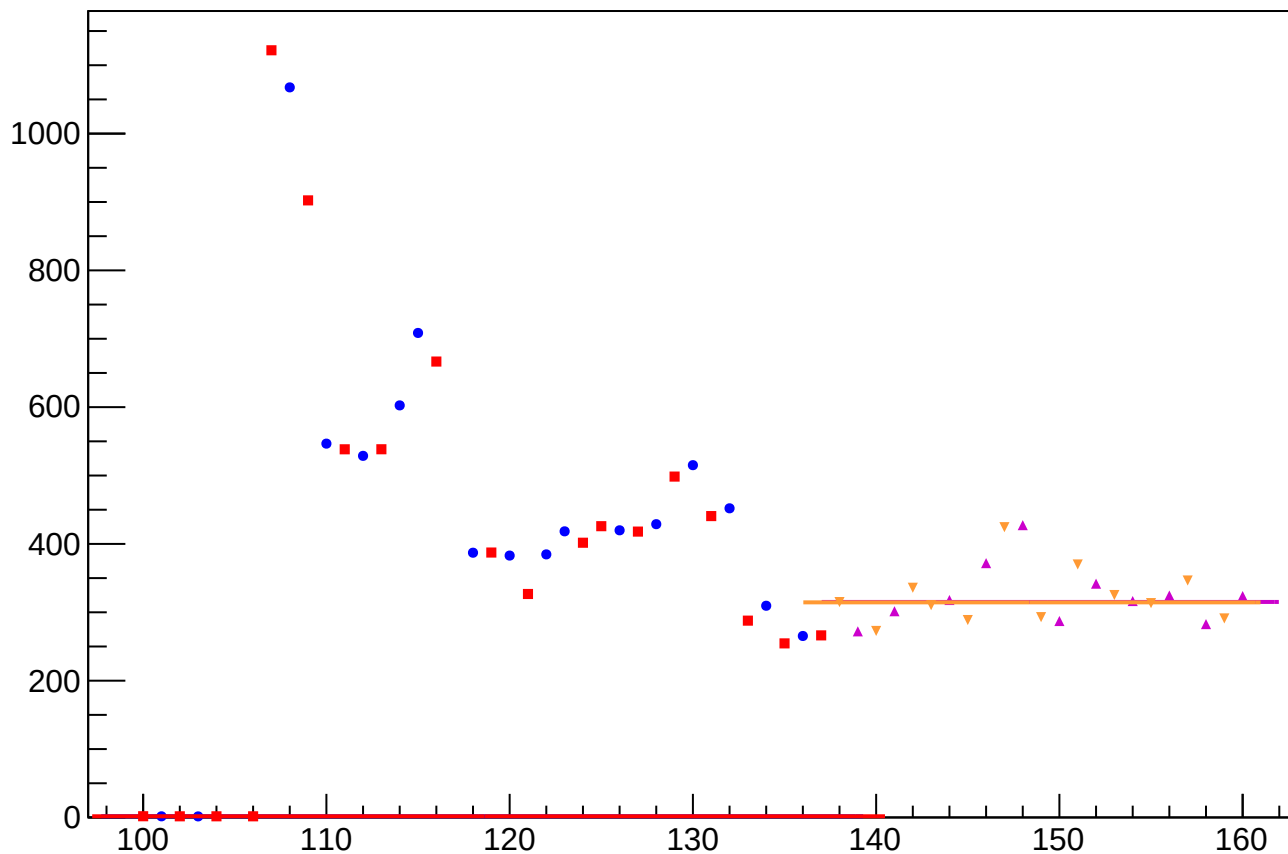
Right Out: 0.001 ± 0.002 χ^2/NDF : 17.8/18

Left In: 0.183 ± 0.106 χ^2/NDF : 18.1/10

0.000 ± 0.002 χ^2/NDF : 26.9/28

0.001 ± 0.002 χ^2/NDF : 38.9/29

diff_cav4dY_rms vs Slug



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 314.540+/-0.075 χ^2/NDF : 225044.1/11

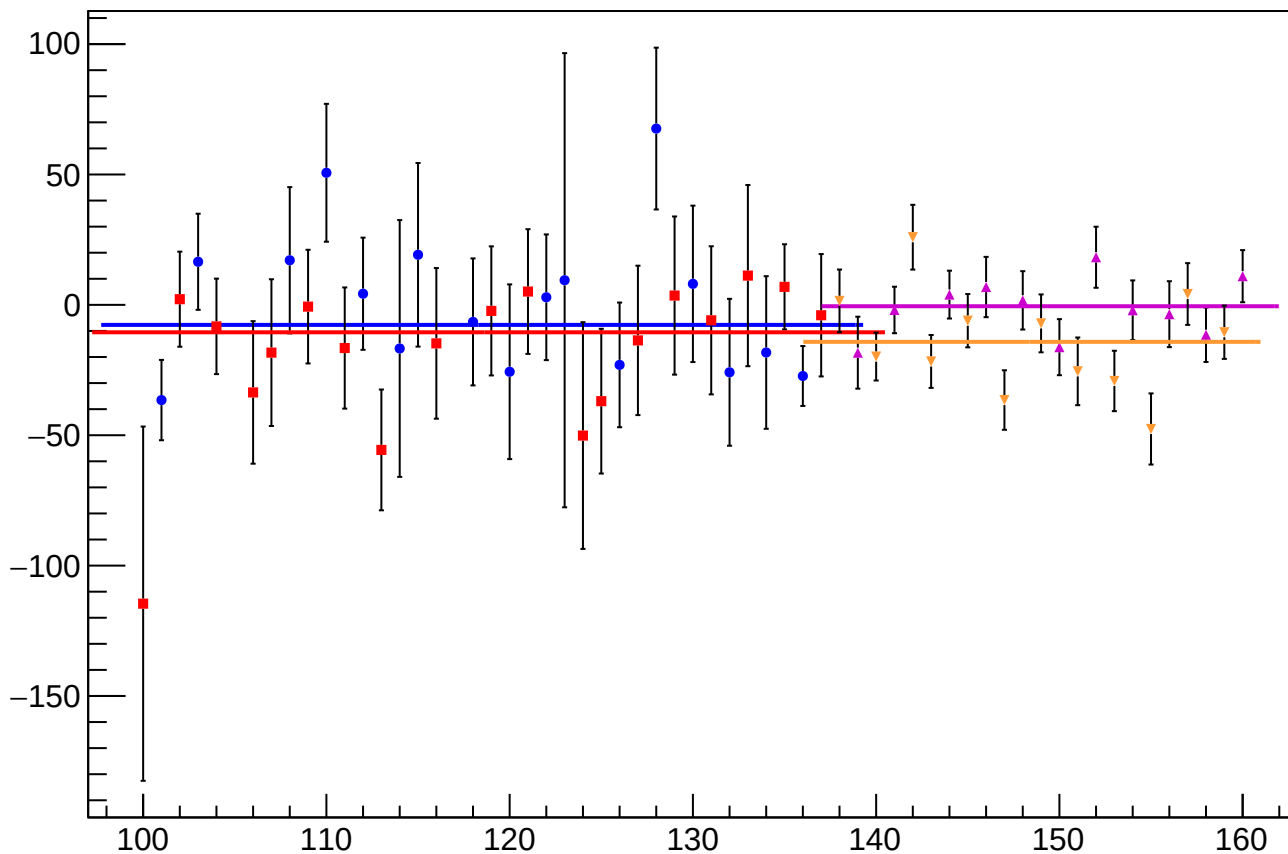
Right Out: 1.728+/-0.001 χ^2/NDF : 10736674.8/18

Left In: 315.145+/-0.075 χ^2/NDF : 235193.6/10

1.812+/-0.001 χ^2/NDF : 28532672.4/28

1.833+/-0.001 χ^2/NDF : 28374707.5/29

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -14.183 ± 3.230 $\chi^2/\text{NDF}: 28.9/11$

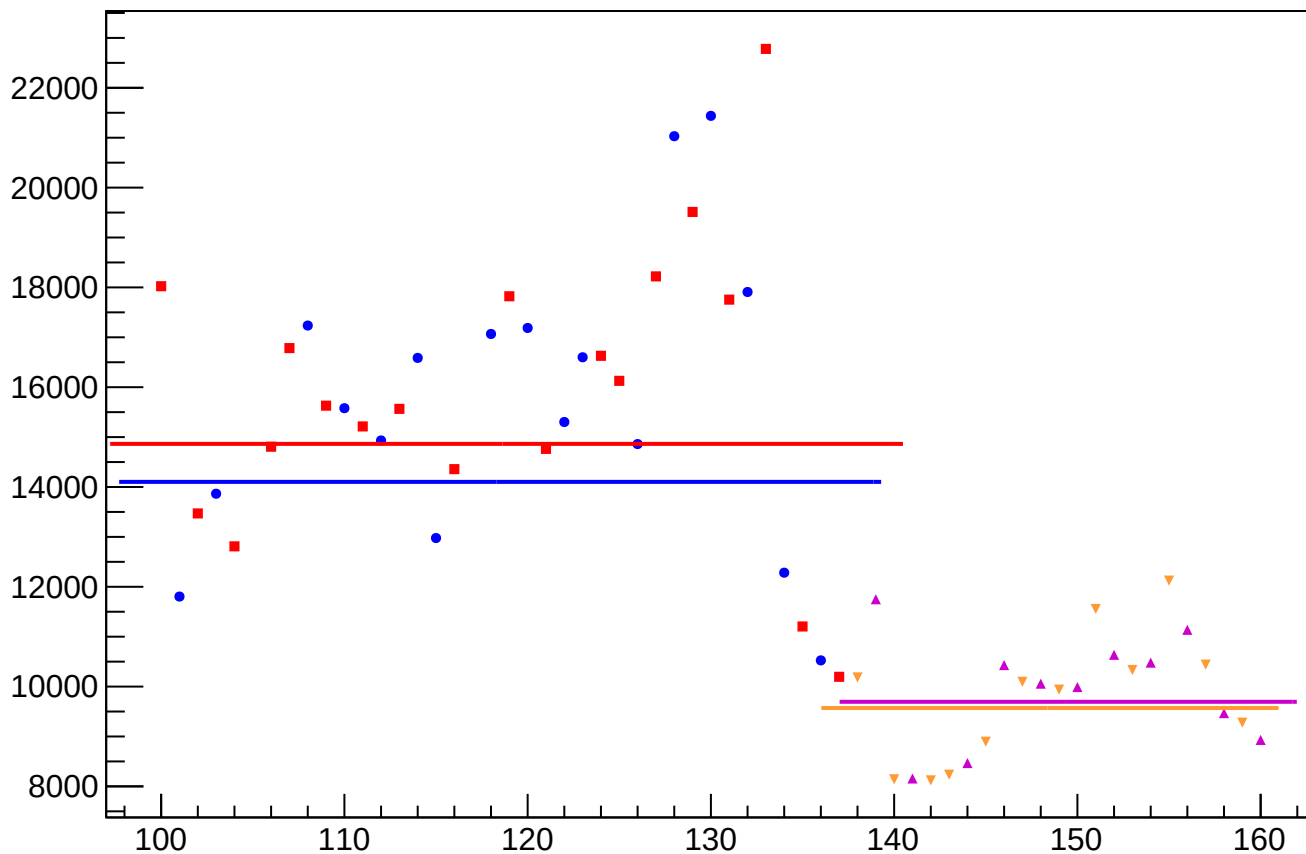
Right Out: -10.524 ± 5.682 $\chi^2/\text{NDF}: 11.9/18$

Left In: -0.528 ± 3.258 $\chi^2/\text{NDF}: 9.6/10$

-12.572 ± 2.801 $\chi^2/\text{NDF}: 52.3/28$

-3.002 ± 2.827 $\chi^2/\text{NDF}: 23.8/29$

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9570.274+/-2.284 χ^2/NDF : 268842.9/11

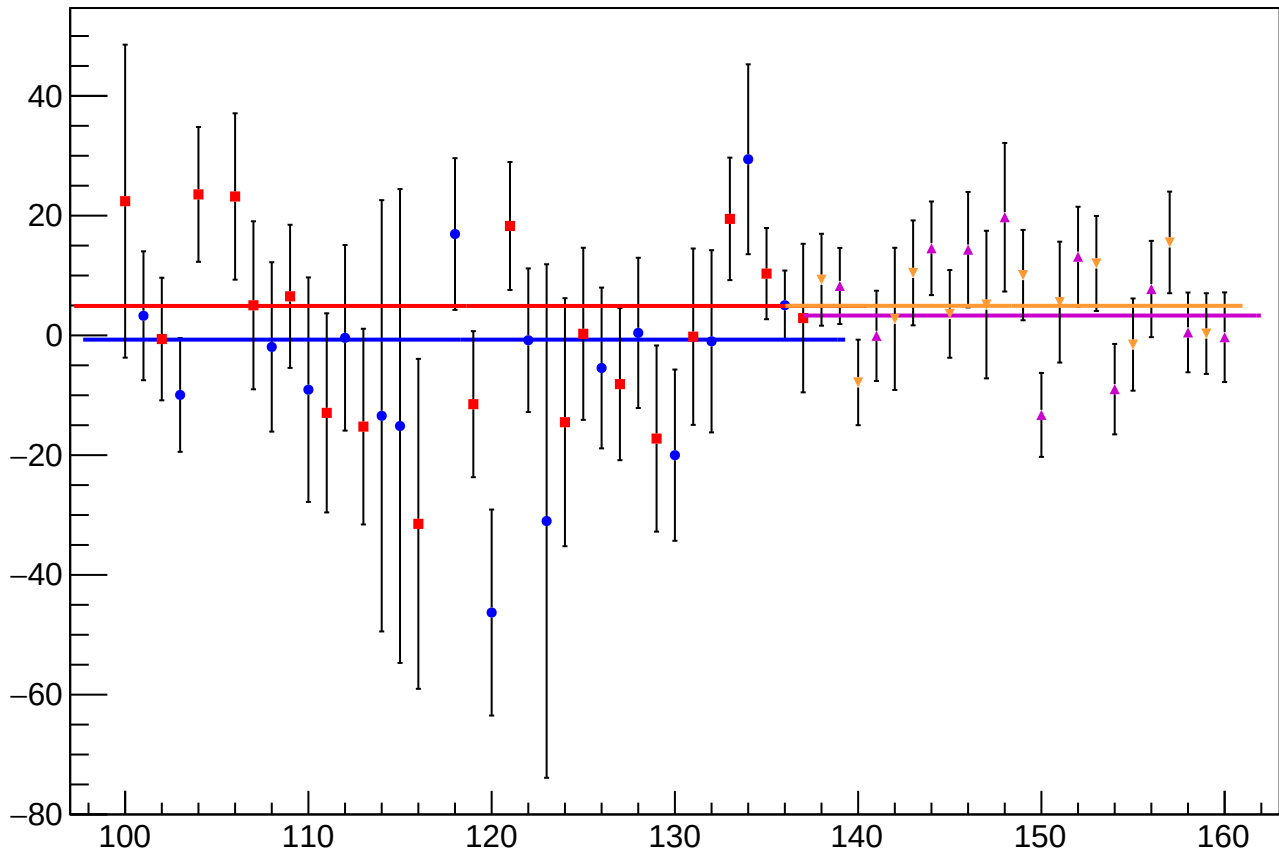
Right Out: 14864.163+/-4.018 χ^2/NDF : 470280.3/18

Left In: 9695.435+/-2.304 χ^2/NDF : 212316.8/10

10693.295+/-1.981 χ^2/NDF : 1843695.4/28

10974.457+/-1.999 χ^2/NDF : 1927944.3/29

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 4.939 ± 2.370 χ^2/NDF : 8.0/11

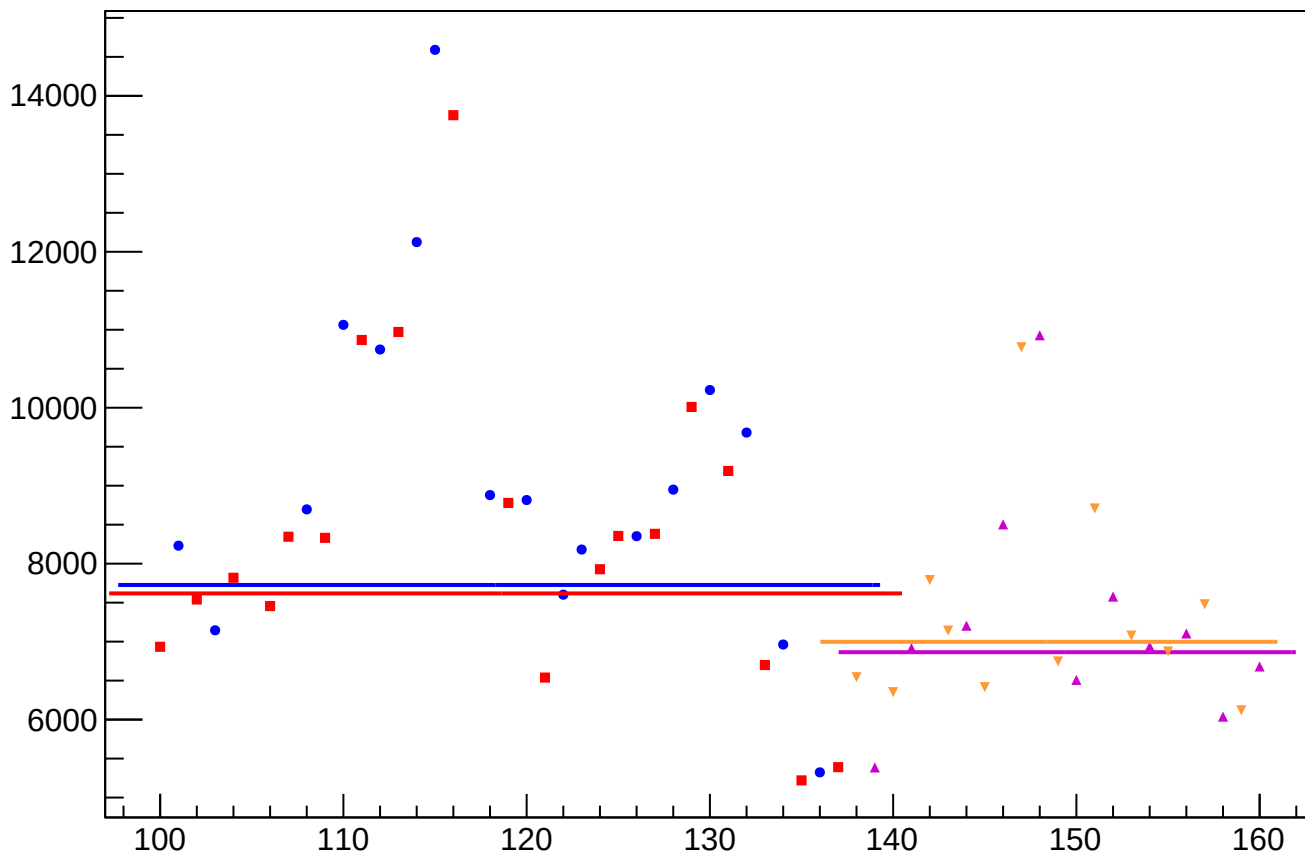
Right Out: 4.918 ± 2.940 χ^2/NDF : 19.8/18

Left In: 3.315 ± 2.331 χ^2/NDF : 16.3/10

2.842 ± 1.879 χ^2/NDF : 27.7/28

3.934 ± 1.826 χ^2/NDF : 36.2/29

diff_bpm4aY_rms vs Slug



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 6997.465 $\pm$ 1.676 χ^2 /NDF:334066.1/11

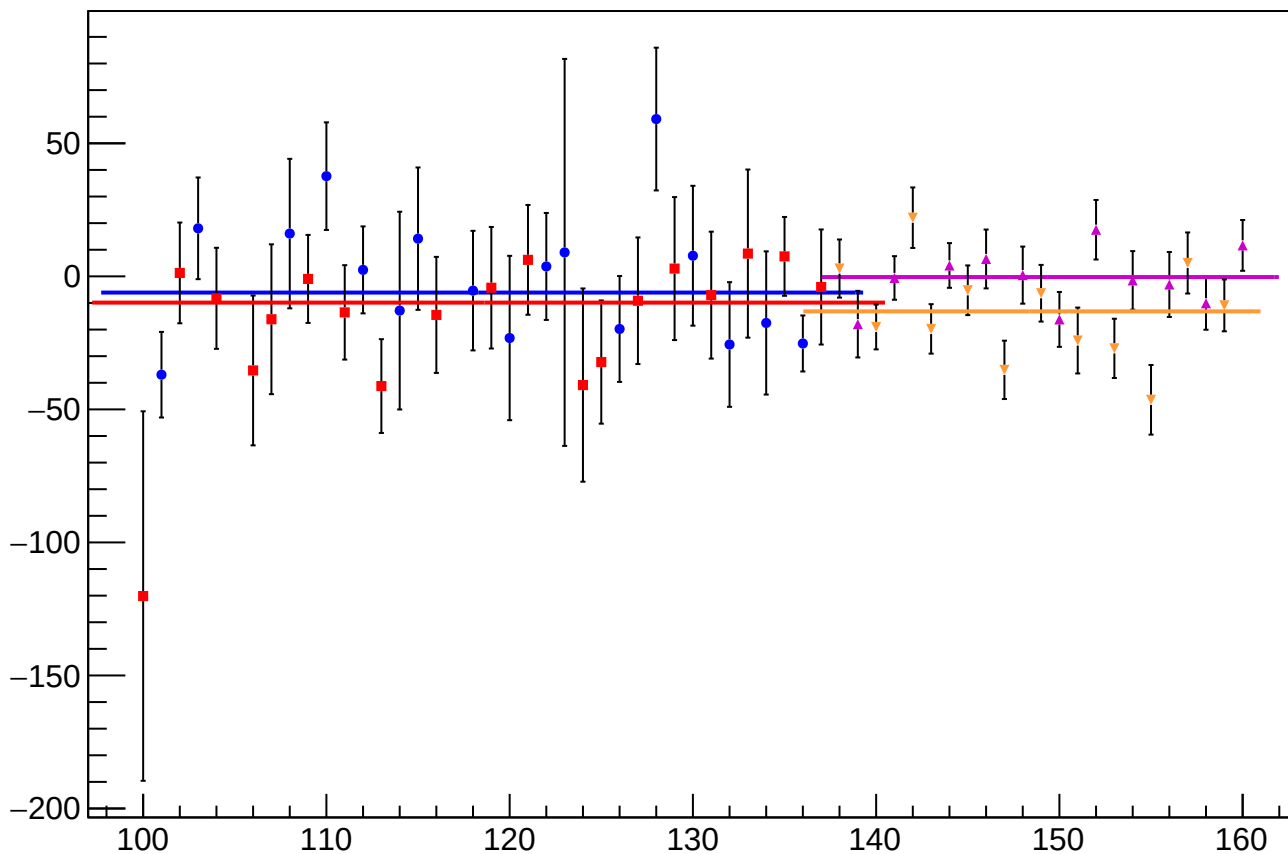
Right Out: 7618.206 $\pm$ 2.079 χ^2 /NDF: 675125.4/18

Left In: 6864.353 $\pm$ 1.648 χ^2 /NDF:438189.6/10

7268.330 $\pm$ 1.329 χ^2 /NDF: 1146901.0/28

7155.330 $\pm$ 1.291 χ^2 /NDF: 1194080.1/29

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 χ^2/NDF : 22.9/16

Left Out: -13.157 ± 3.029 χ^2/NDF : 29.2/11

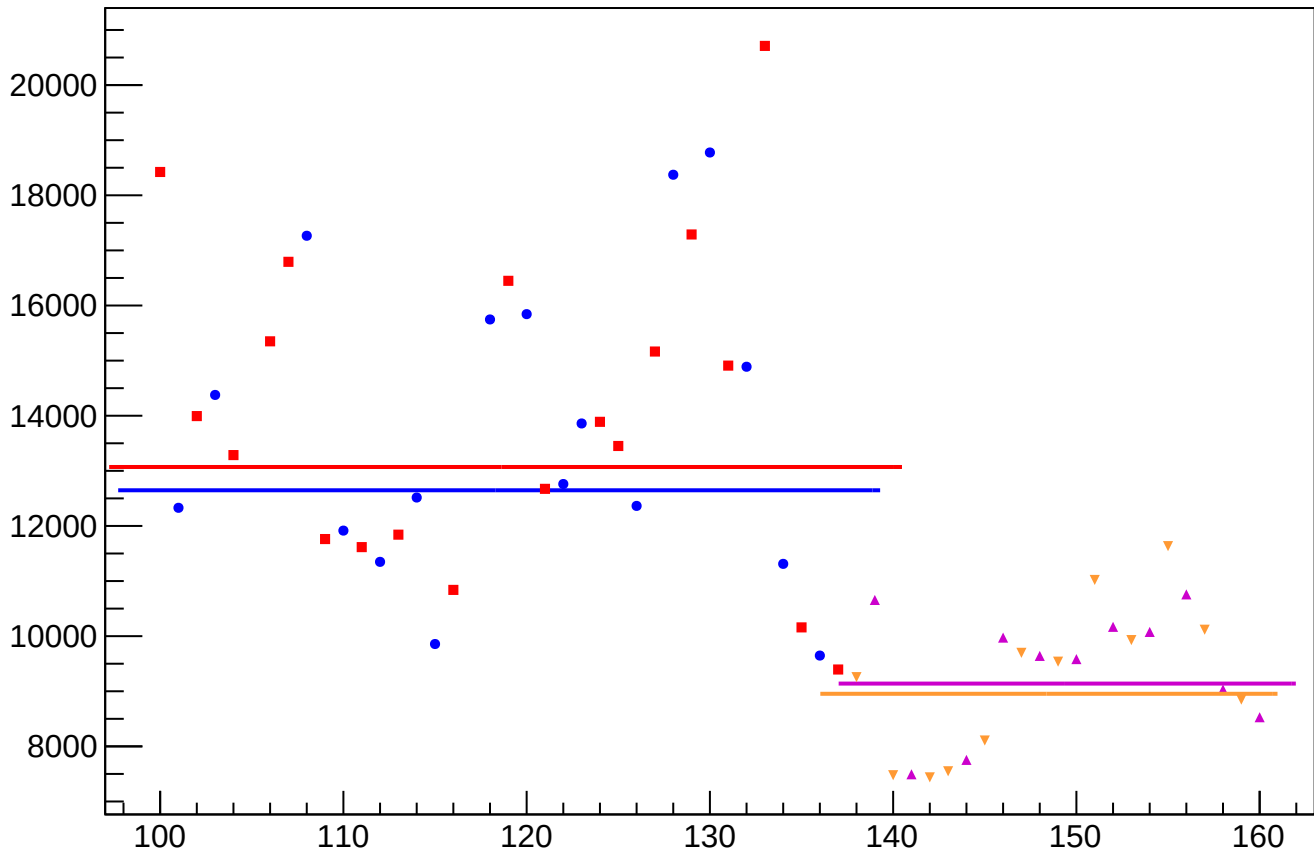
Right Out: -9.864 ± 5.004 χ^2/NDF : 11.6/18

Left In: -0.265 ± 3.075 χ^2/NDF : 10.2/10

-11.278 ± 2.596 χ^2/NDF : 53.6/28

-2.897 ± 2.620 χ^2/NDF : 24.5/29

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 8954.236+/-2.142 χ^2/NDF : 351702.5/11

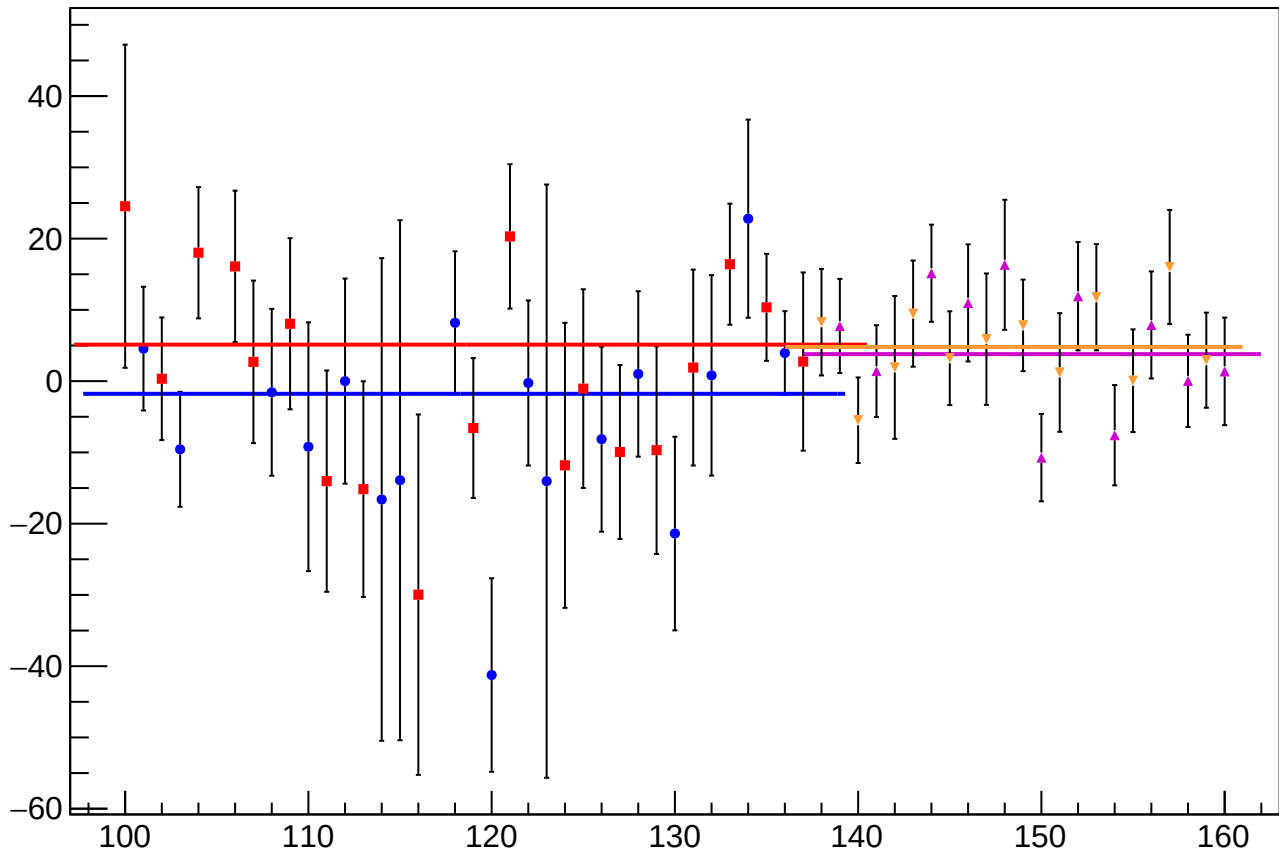
9936.148+/-1.835 χ^2/NDF : 1696311.0/28

Right Out: 13069.930+/-3.538 χ^2/NDF : 496271.7/18

10217.137+/-1.853 χ^2/NDF : 1650970.6/29

Left In: 9139.419+/-2.175 χ^2/NDF : 258926.0/10

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 4.790 ± 2.120 χ^2/NDF : 7.5/11

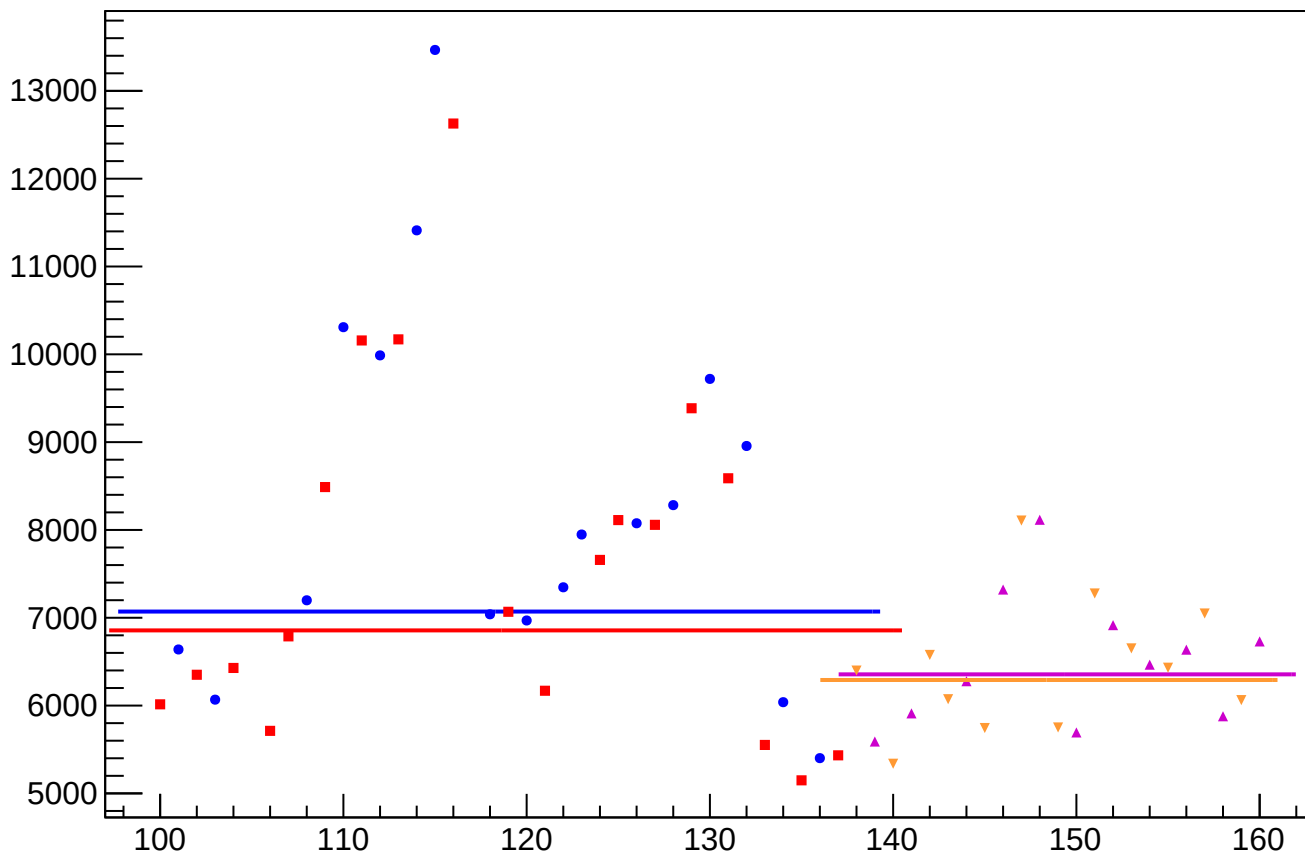
Right Out: 5.122 ± 2.642 χ^2/NDF : 18.9/18

Left In: 3.789 ± 2.139 χ^2/NDF : 16.0/10

2.404 ± 1.692 χ^2/NDF : 28.9/28

4.317 ± 1.662 χ^2/NDF : 35.1/29

diff_bpm4eY_rms vs Slug



Right In: 7070.672 $\pm$ 1.984 χ^2 /NDF: 601692.5/16

Left Out: 6291.457 $\pm$ 1.499 χ^2 /NDF: 213489.7/11

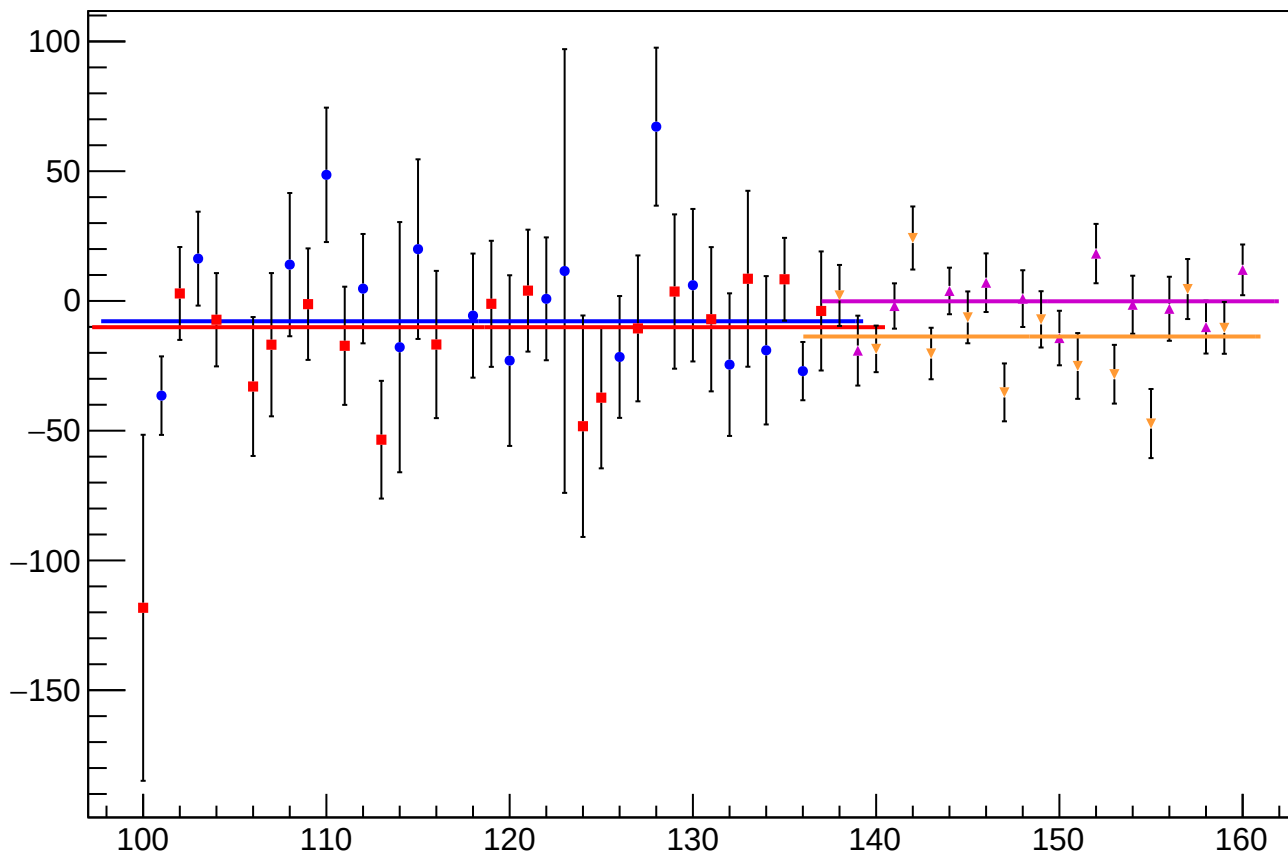
Right Out: 6856.136 $\pm$ 1.868 χ^2 /NDF: 682220.3/18

Left In: 6355.604 $\pm$ 1.512 χ^2 /NDF: 191876.7/10

6574.646 $\pm$ 1.196 χ^2 /NDF: 913361.0/28

6553.788 $\pm$ 1.175 χ^2 /NDF: 917462.4/29

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 χ^2/NDF : 22.3/16

Left Out: -13.706 ± 3.157 χ^2/NDF : 28.3/11

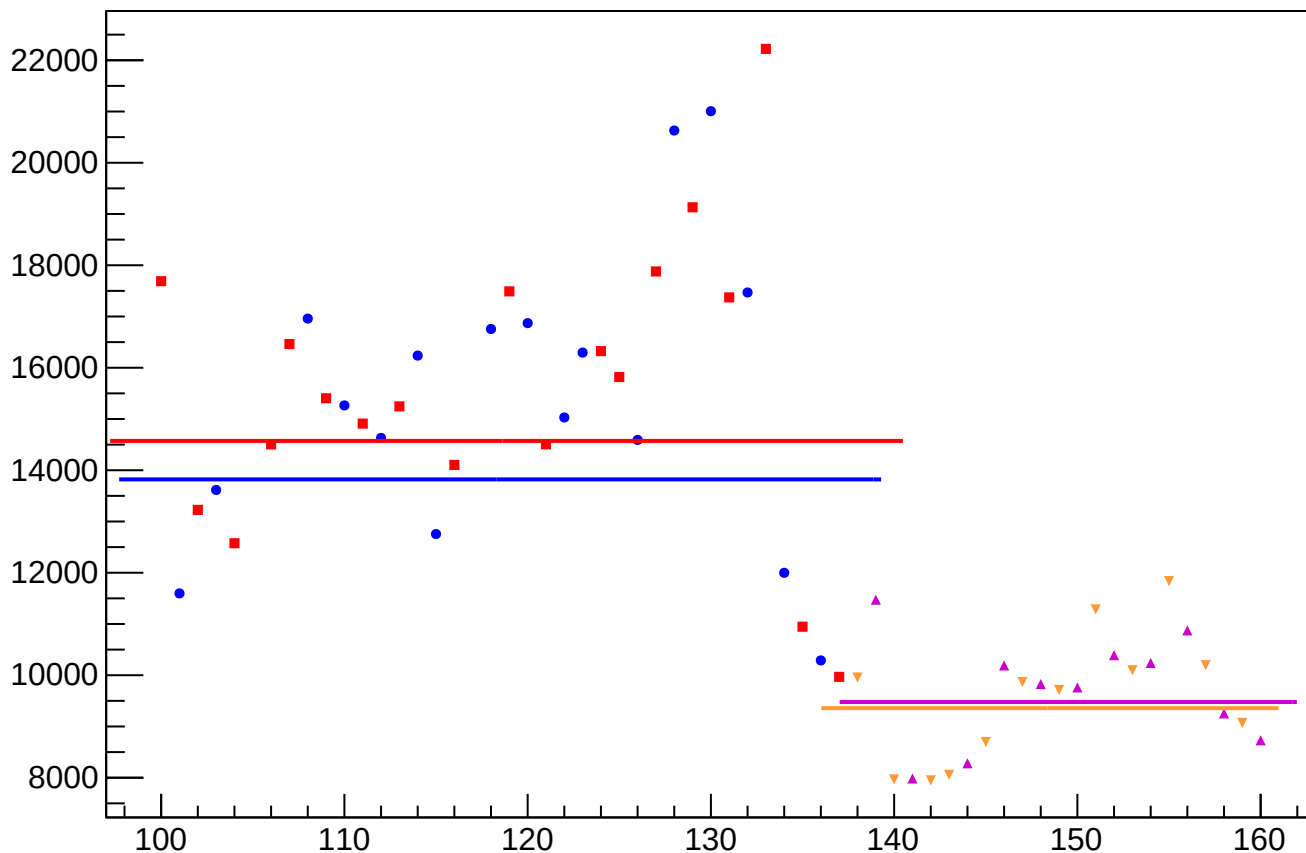
Right Out: -10.117 ± 5.571 χ^2/NDF : 12.2/18

Left In: -0.137 ± 3.185 χ^2/NDF : 9.6/10

-12.255 ± 2.740 χ^2/NDF : 51.5/28

-2.595 ± 2.765 χ^2/NDF : 24.2/29

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9356.979+/-2.233 χ^2/NDF : 265636.7/11

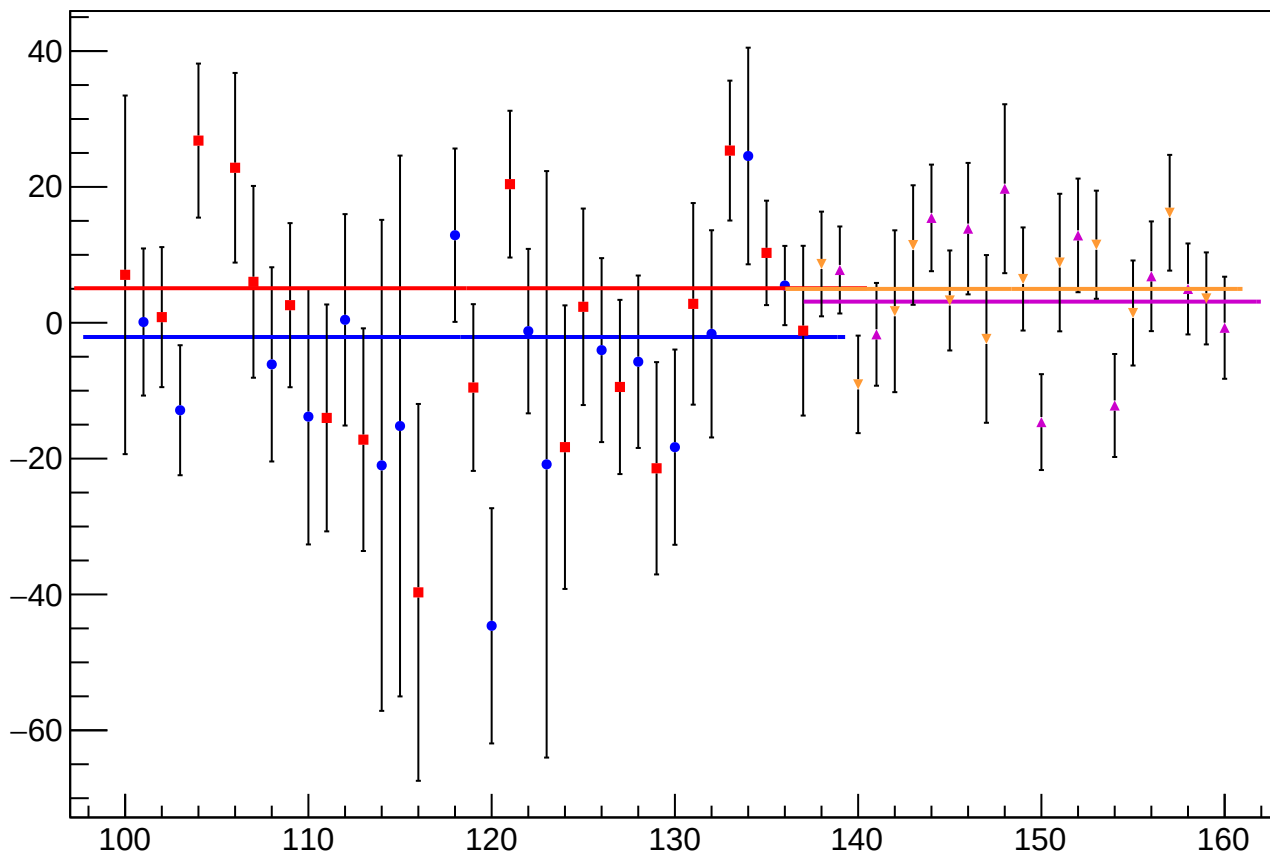
Right Out: 14572.437+/-3.939 χ^2/NDF : 472468.2/18

Left In: 9477.452+/-2.252 χ^2/NDF : 209699.9/10

10458.687+/-1.938 χ^2/NDF : 1855107.5/28

10732.353+/-1.955 χ^2/NDF : 1942897.1/29

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 4.985 ± 2.381 χ^2/NDF : 7.9/11

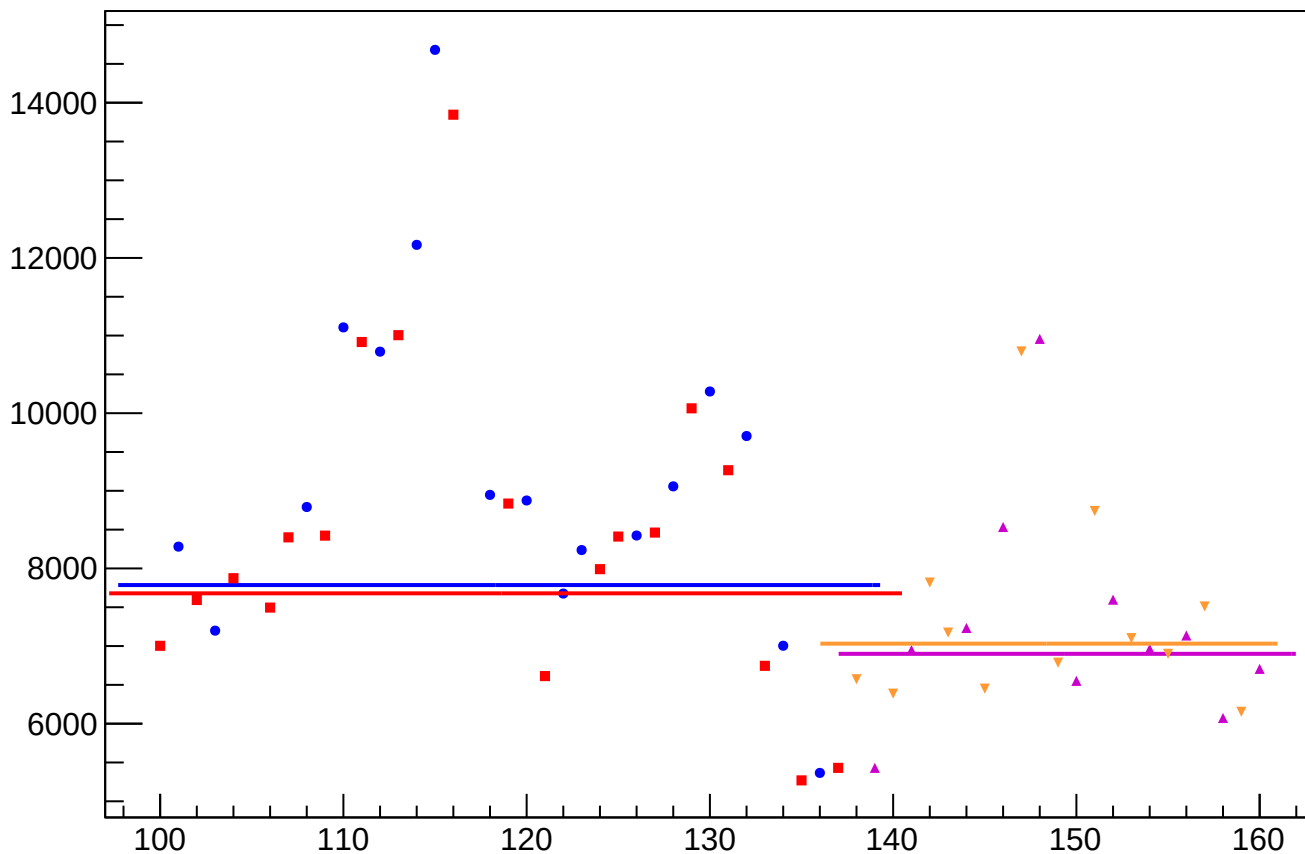
Right Out: 5.085 ± 2.962 χ^2/NDF : 24.8/18

Left In: 3.111 ± 2.342 χ^2/NDF : 18.7/10

2.364 ± 1.890 χ^2/NDF : 26.8/28

3.870 ± 1.837 χ^2/NDF : 43.8/29

diff_bpm4acY_rms vs Slug



Right In: 7785.931+/-2.197 χ^2/NDF : 738101.9/16

Left Out: 7030.907+/-1.684 χ^2/NDF : 330465.8/11

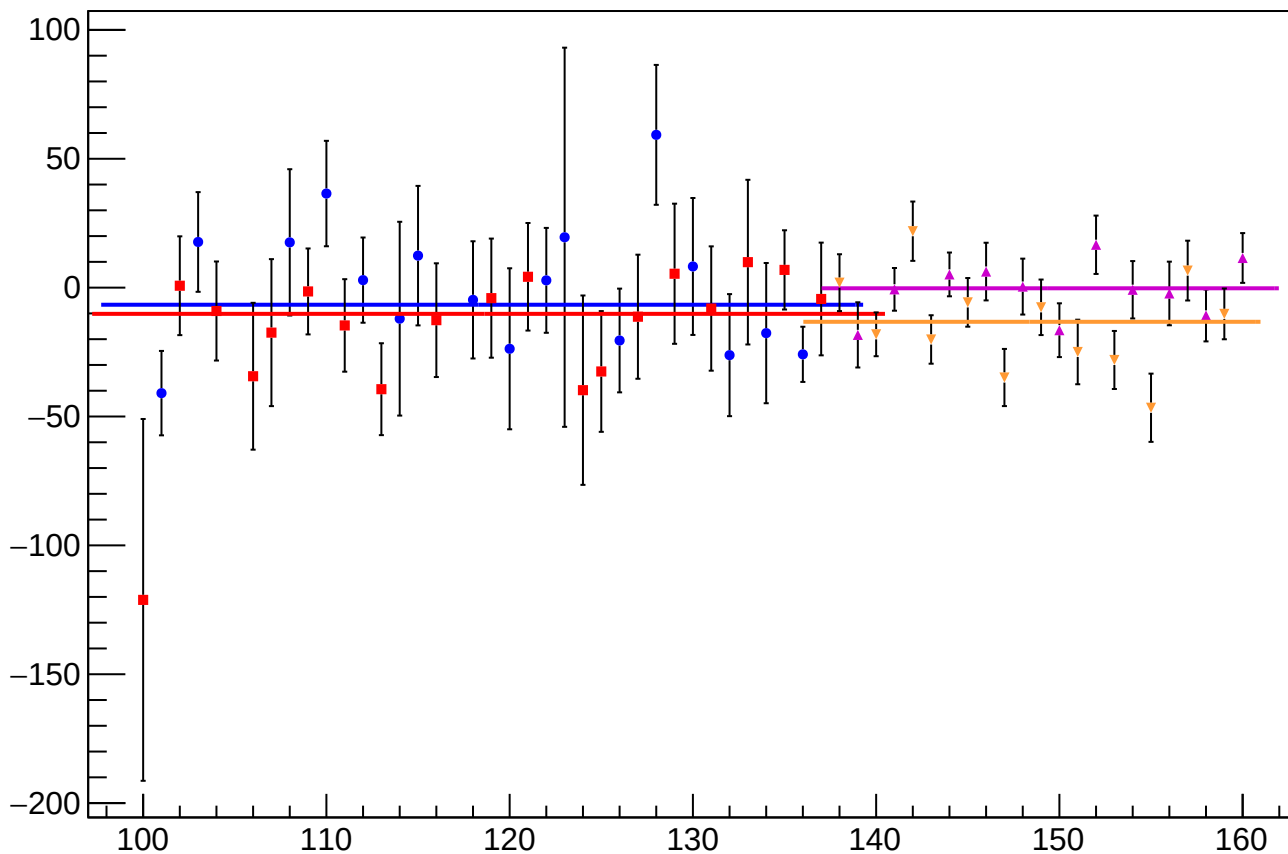
Right Out: 7679.182+/-2.095 χ^2/NDF : 668736.8/18

Left In: 6899.808+/-1.656 χ^2/NDF : 431211.6/10

7310.325+/-1.336 χ^2/NDF : 1142989.9/28

7199.591+/-1.299 χ^2/NDF : 1185143.9/29

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 χ^2/NDF : 23.4/16

Left Out: -13.252 ± 3.063 χ^2/NDF : 28.8/11

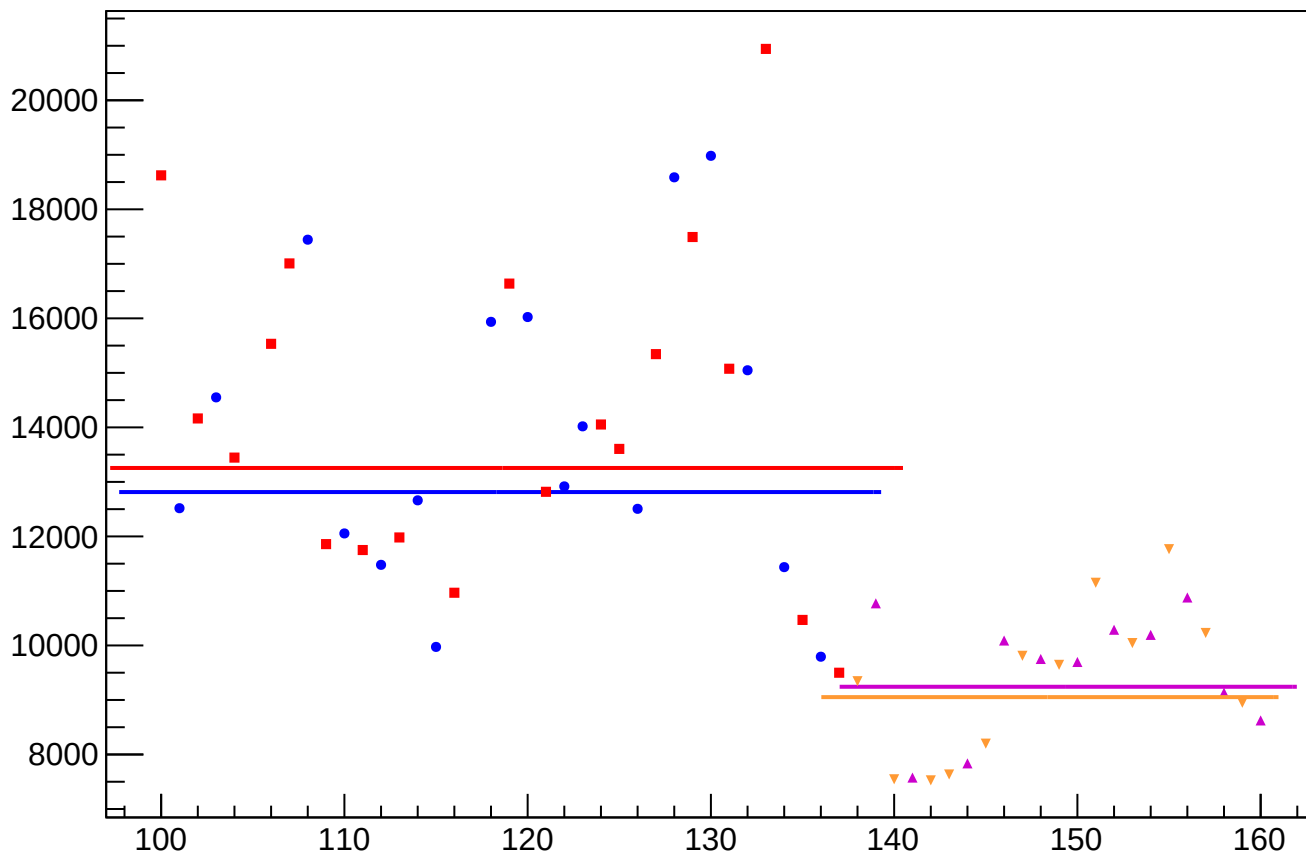
Right Out: -10.172 ± 5.075 χ^2/NDF : 10.8/18

Left In: -0.256 ± 3.110 χ^2/NDF : 10.0/10

-11.499 ± 2.626 χ^2/NDF : 53.4/28

-2.963 ± 2.652 χ^2/NDF : 23.6/29

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 9052.117+/-2.166 χ^2/NDF : 353304.2/11

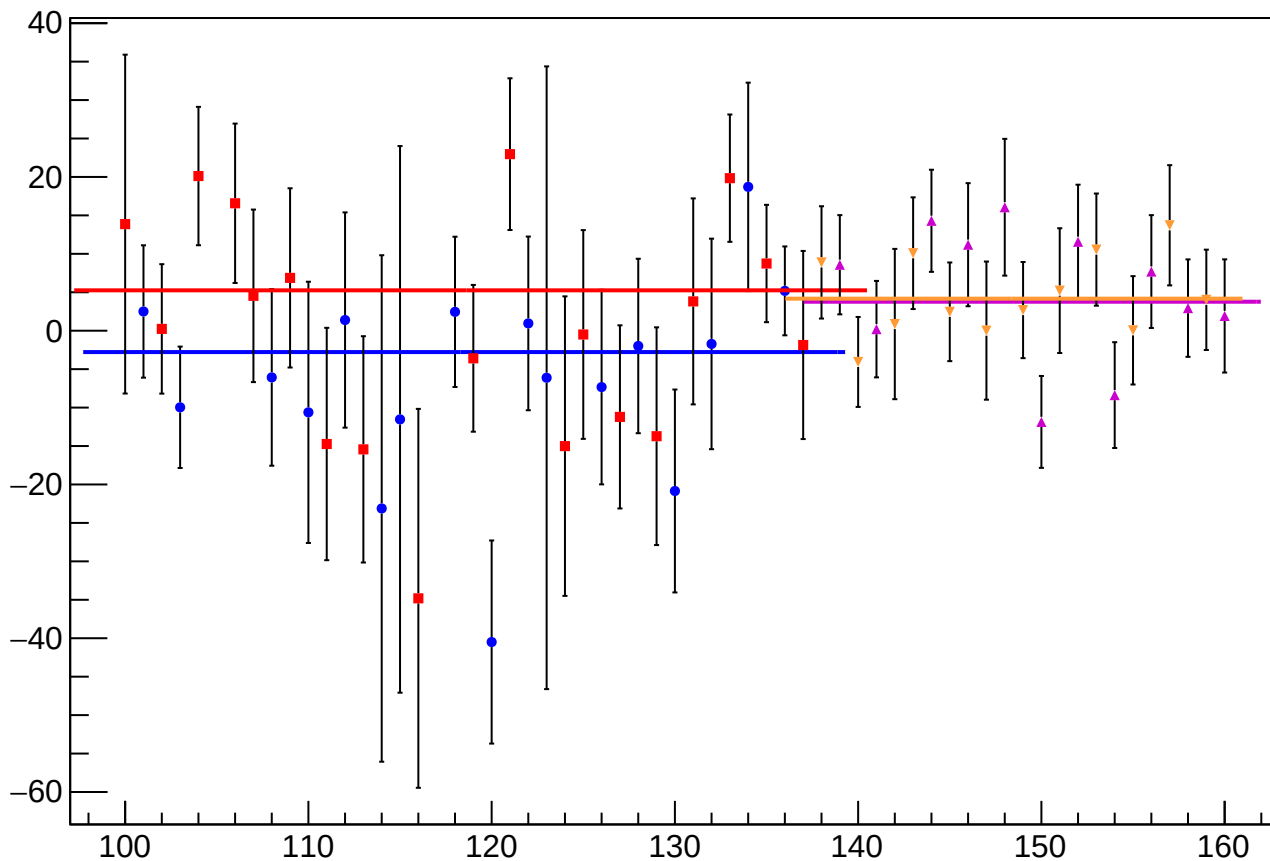
Right Out: 13255.535+/-3.588 χ^2/NDF : 484287.4/18

Left In: 9242.174+/-2.199 χ^2/NDF : 259934.9/10

10048.704+/-1.857 χ^2/NDF : 1700778.6/28

10337.925+/-1.875 χ^2/NDF : 1653571.5/29

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 4.169 ± 2.069 χ^2/NDF : 6.1/11

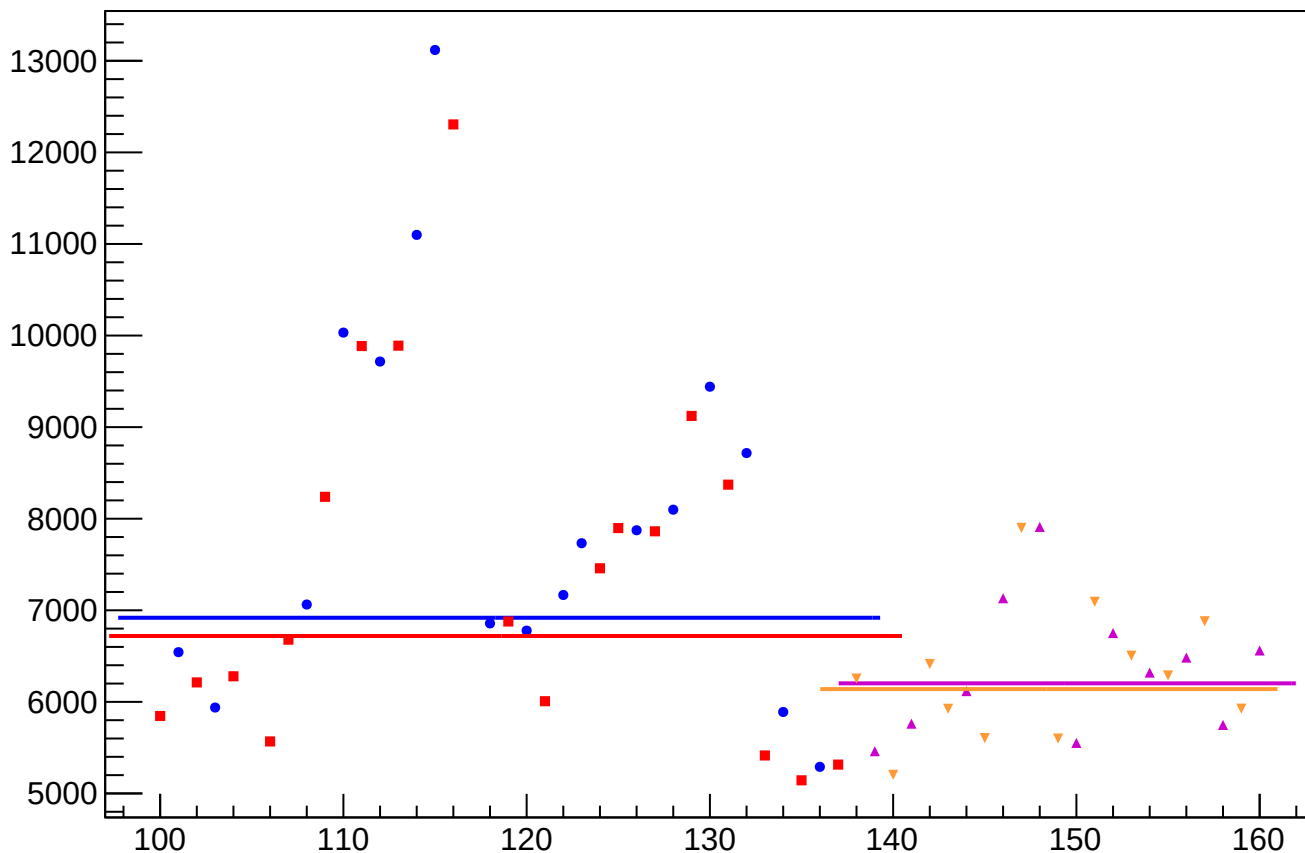
Right Out: 5.252 ± 2.590 χ^2/NDF : 23.5/18

Left In: 3.771 ± 2.087 χ^2/NDF : 17.6/10

1.654 ± 1.653 χ^2/NDF : 27.2/28

4.354 ± 1.625 χ^2/NDF : 41.3/29

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6139.710+/-1.463 χ^2/NDF : 214234.1/11

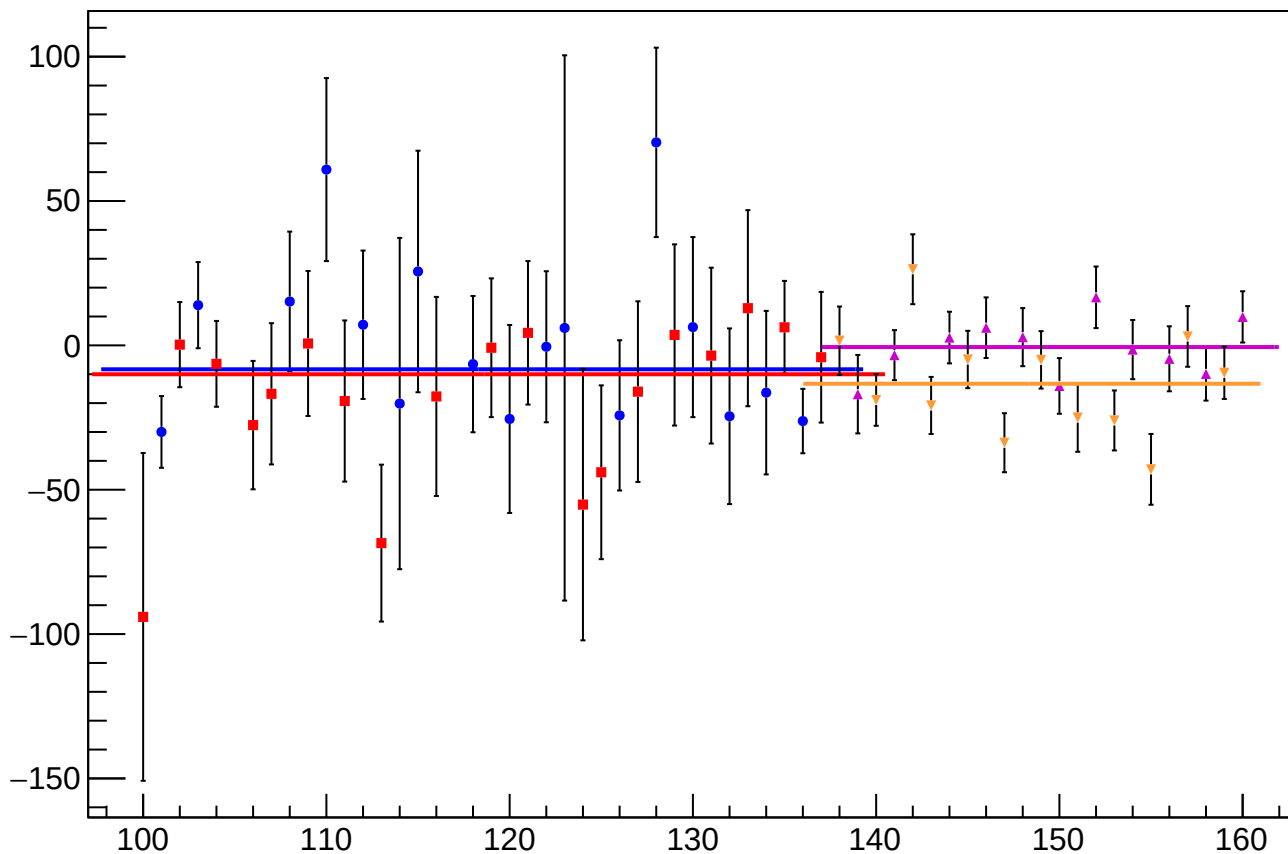
Right Out: 6719.404+/-1.831 χ^2/NDF : 653831.7/18

Left In: 6202.333+/-1.476 χ^2/NDF : 190386.4/10

6421.613+/-1.169 χ^2/NDF : 904782.0/28

6405.961+/-1.149 χ^2/NDF : 892553.5/29

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 χ^2/NDF : 21.7/16

Left Out: -13.292 ± 3.005 χ^2/NDF : 29.6/11

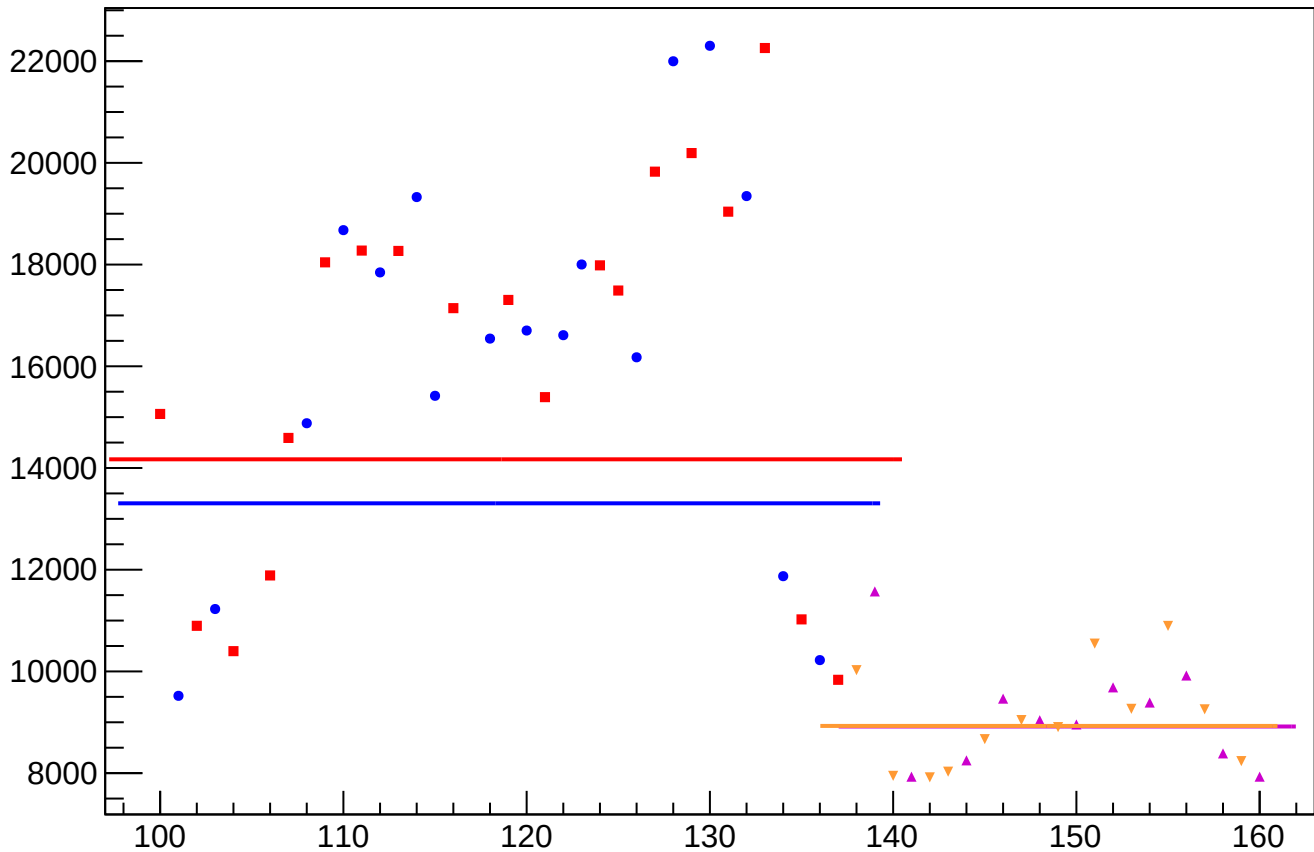
Right Out: -10.007 ± 5.513 χ^2/NDF : 12.9/18

Left In: -0.585 ± 2.995 χ^2/NDF : 9.3/10

-12.112 ± 2.627 χ^2/NDF : 52.0/28

-2.732 ± 2.631 χ^2/NDF : 24.5/29

diff_bpm1X_rms vs Slug



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 8928.292+/-2.125 χ^2/NDF :177862.7/11

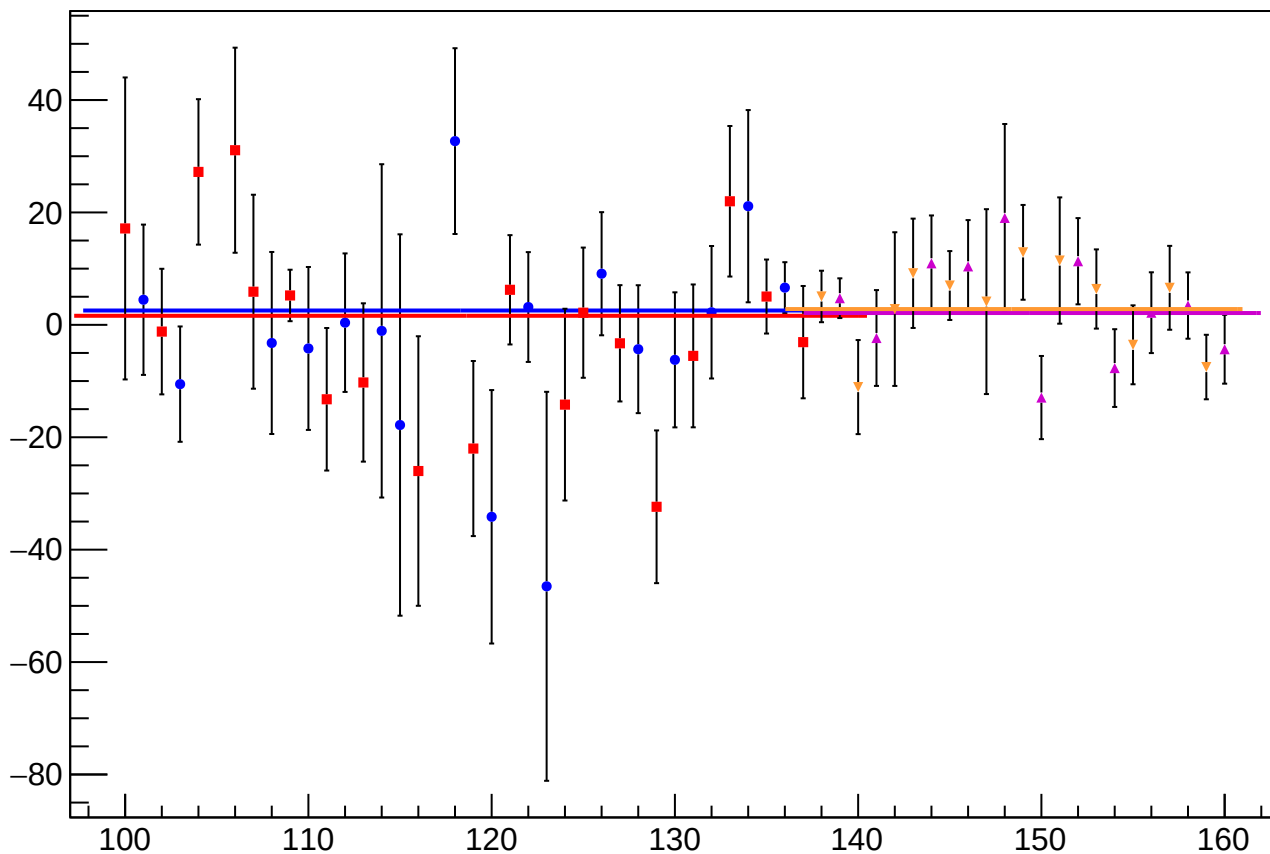
9960.098+/-1.857 χ^2/NDF : 2222502.9/28

Right Out: 14170.668+/-3.898 χ^2/NDF : 930612.1/18

10114.043+/-1.861 χ^2/NDF : 2513855.1/29

Left In: 8917.153+/-2.118 χ^2/NDF :180899.2/10

diff_bpm1Y_mean vs Slug



Right In: 2.551 ± 2.757 χ^2/NDF : 13.6/16

Left Out: 2.810 ± 2.137 χ^2/NDF : 10.5/11

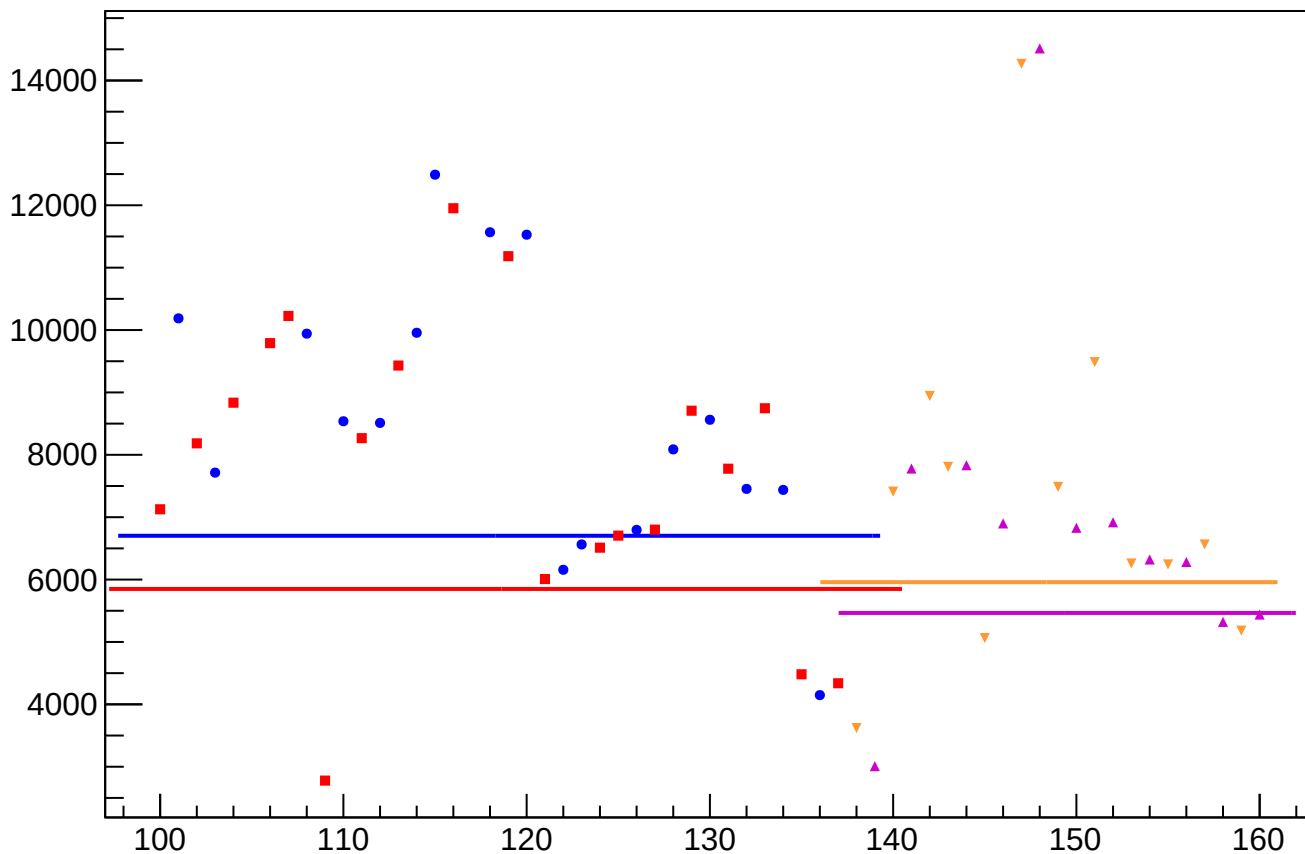
Right Out: 1.613 ± 2.442 χ^2/NDF : 24.0/18

Left In: 2.103 ± 1.973 χ^2/NDF : 12.7/10

2.713 ± 1.689 χ^2/NDF : 24.1/28

1.910 ± 1.535 χ^2/NDF : 36.7/29

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 5958.732+/-1.511 χ^2/NDF : 1622164.7/11

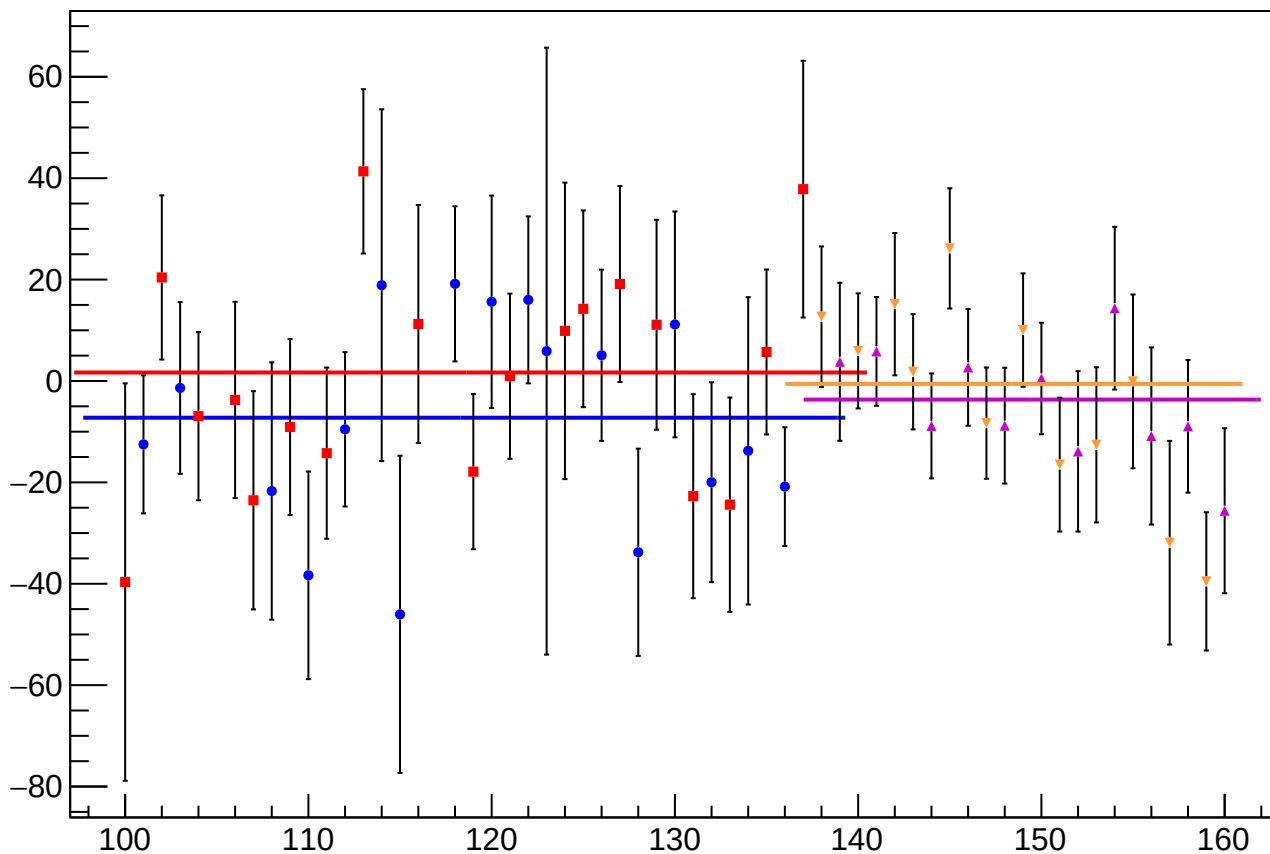
Right Out: 5849.606+/-1.727 χ^2/NDF : 2278464.5/18

Left In: 5465.199+/-1.395 χ^2/NDF : 2112952.2/10

6237.846+/-1.194 χ^2/NDF : 3102987.4/28

5617.027+/-1.085 χ^2/NDF : 4421394.0/29

diff_bpm11X_mean vs Slug



Right In: -7.245 ± 4.547 χ^2/NDF : 15.9/16

Left Out: -0.569 ± 3.768 χ^2/NDF : 21.7/11

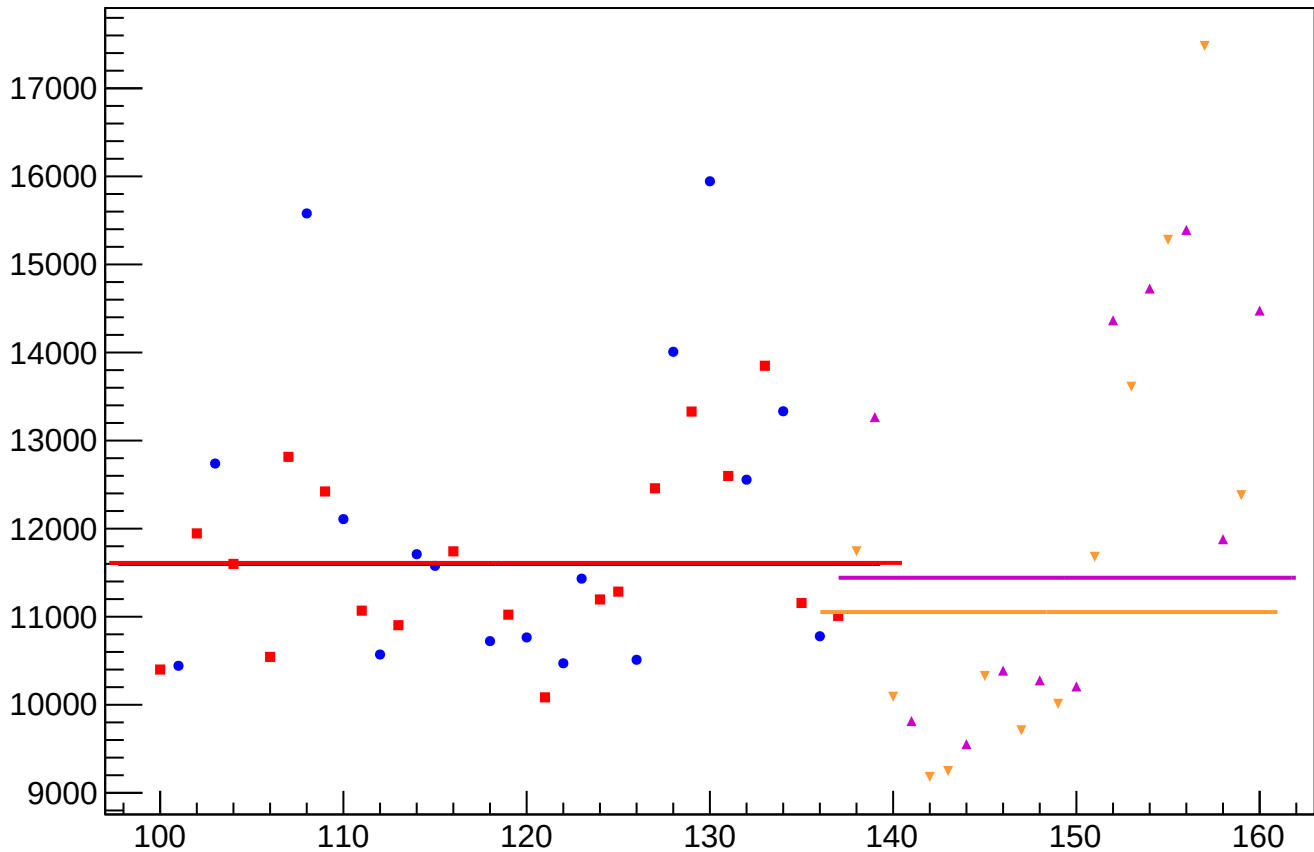
Right Out: 1.671 ± 4.373 χ^2/NDF : 19.9/18

Left In: -3.669 ± 3.881 χ^2/NDF : 5.7/10

-3.287 ± 2.901 χ^2/NDF : 38.9/28

-1.316 ± 2.903 χ^2/NDF : 26.4/29

diff_bpm11X_rms vs Slug



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 11052.821+/-2.664 χ^2/NDF : 565913.8/11

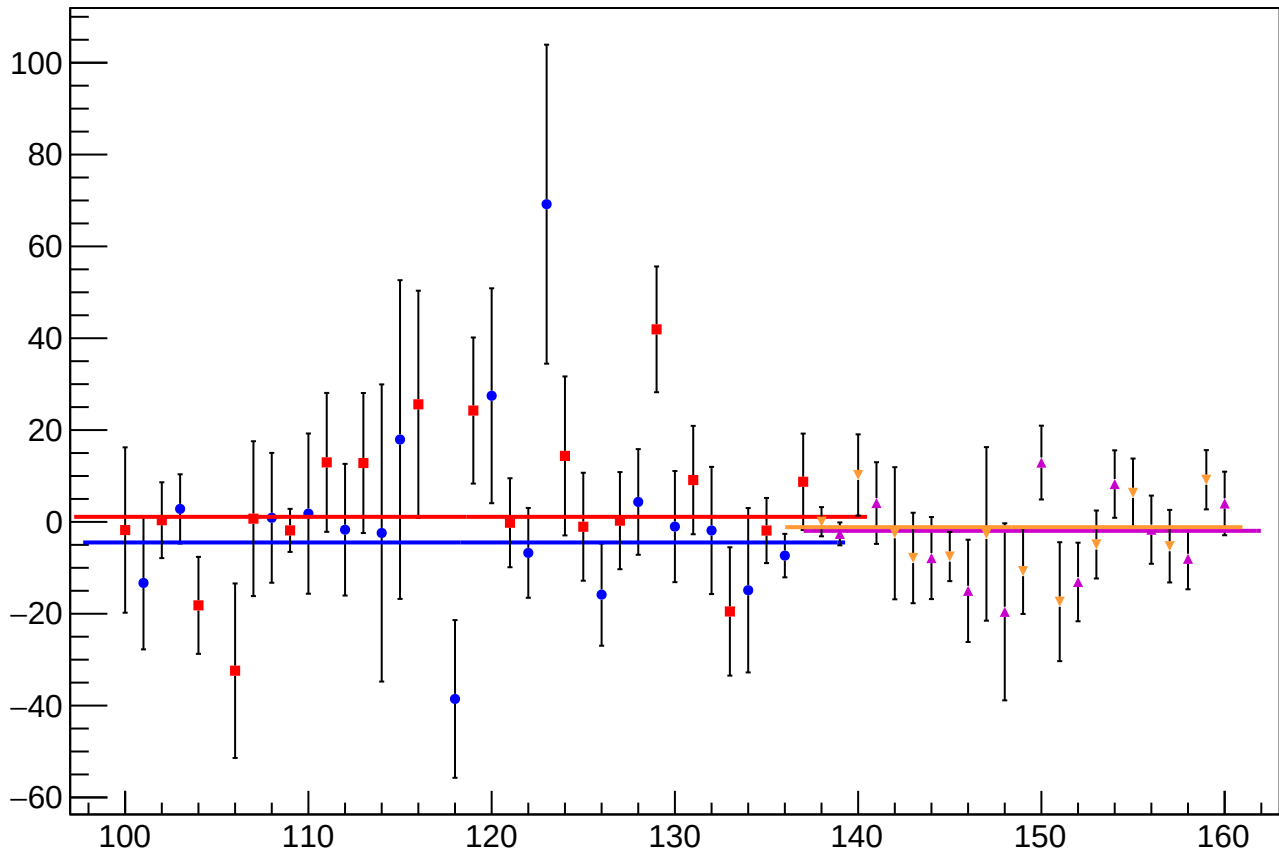
Right Out: 11610.941+/-3.092 χ^2/NDF : 94447.0/18

Left In: 11442.343+/-2.744 χ^2/NDF : 528848.7/10

11275.058+/-2.051 χ^2/NDF : 818432.4/28

11516.626+/-2.053 χ^2/NDF : 624958.7/29

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -1.147 ± 1.968 $\chi^2/\text{NDF}: 10.4/11$

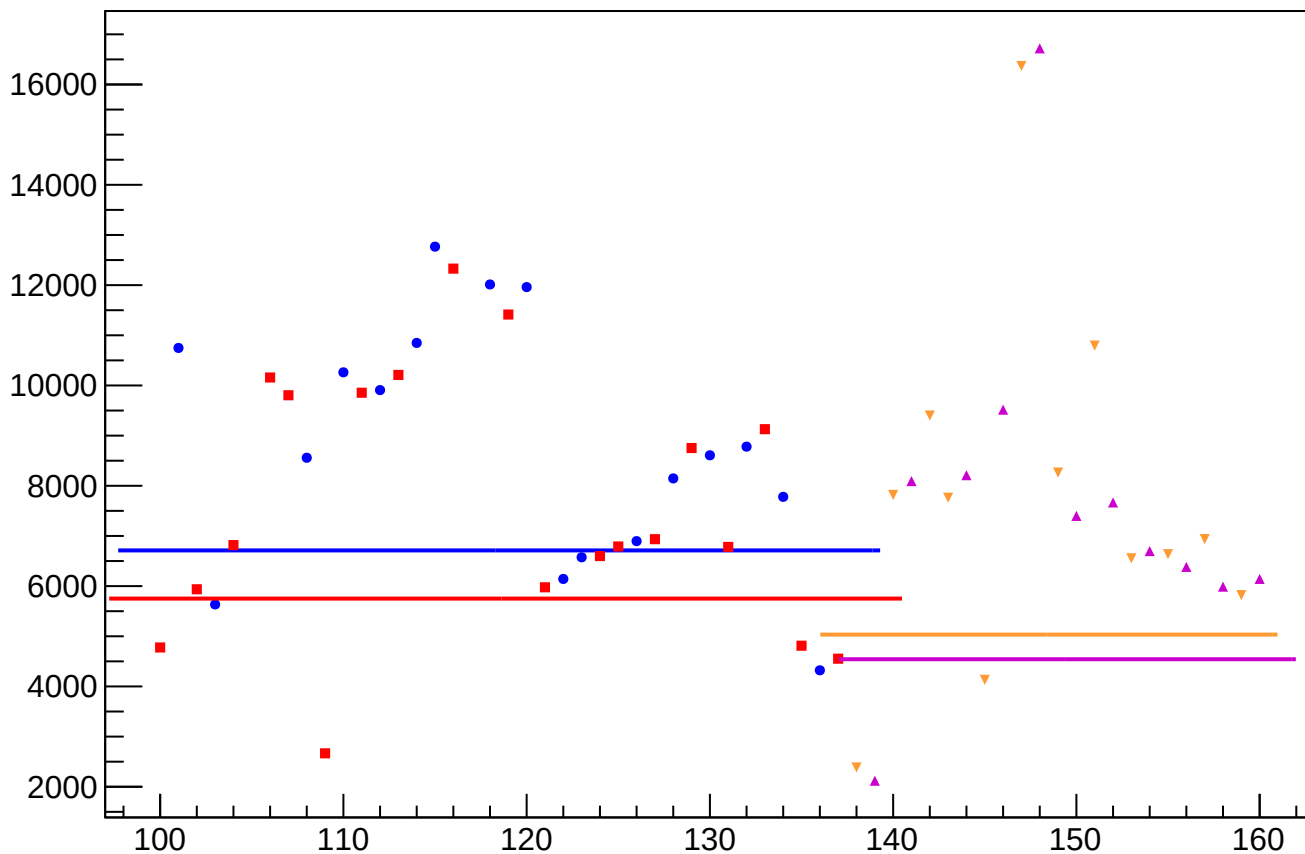
Right Out: 1.105 ± 2.429 $\chi^2/\text{NDF}: 24.0/18$

Left In: -1.944 ± 1.806 $\chi^2/\text{NDF}: 11.8/10$

-2.257 ± 1.606 $\chi^2/\text{NDF}: 26.2/28$

-0.858 ± 1.450 $\chi^2/\text{NDF}: 36.9/29$

diff_bpm11Y_rms vs Slug



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 5033.626+/-1.391 χ^2/NDF : 3659841.3/11

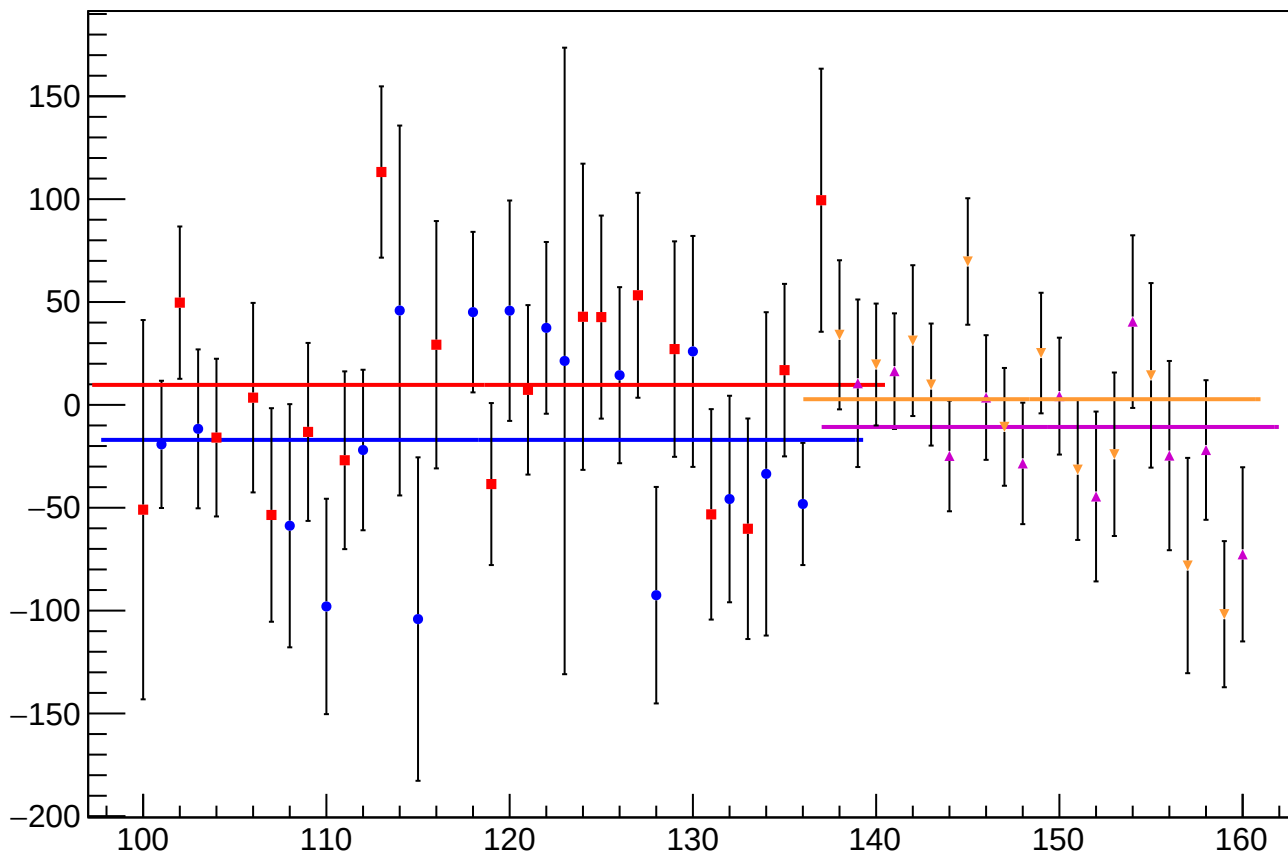
Right Out: 5751.505+/-1.718 χ^2/NDF : 2165110.0/18

Left In: 4542.295+/-1.277 χ^2/NDF : 4760895.1/10

5593.226+/-1.136 χ^2/NDF : 5591824.4/28

4972.943+/-1.025 χ^2/NDF : 7245145.9/29

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 2.761 ± 9.820 χ^2/NDF : 19.8/11

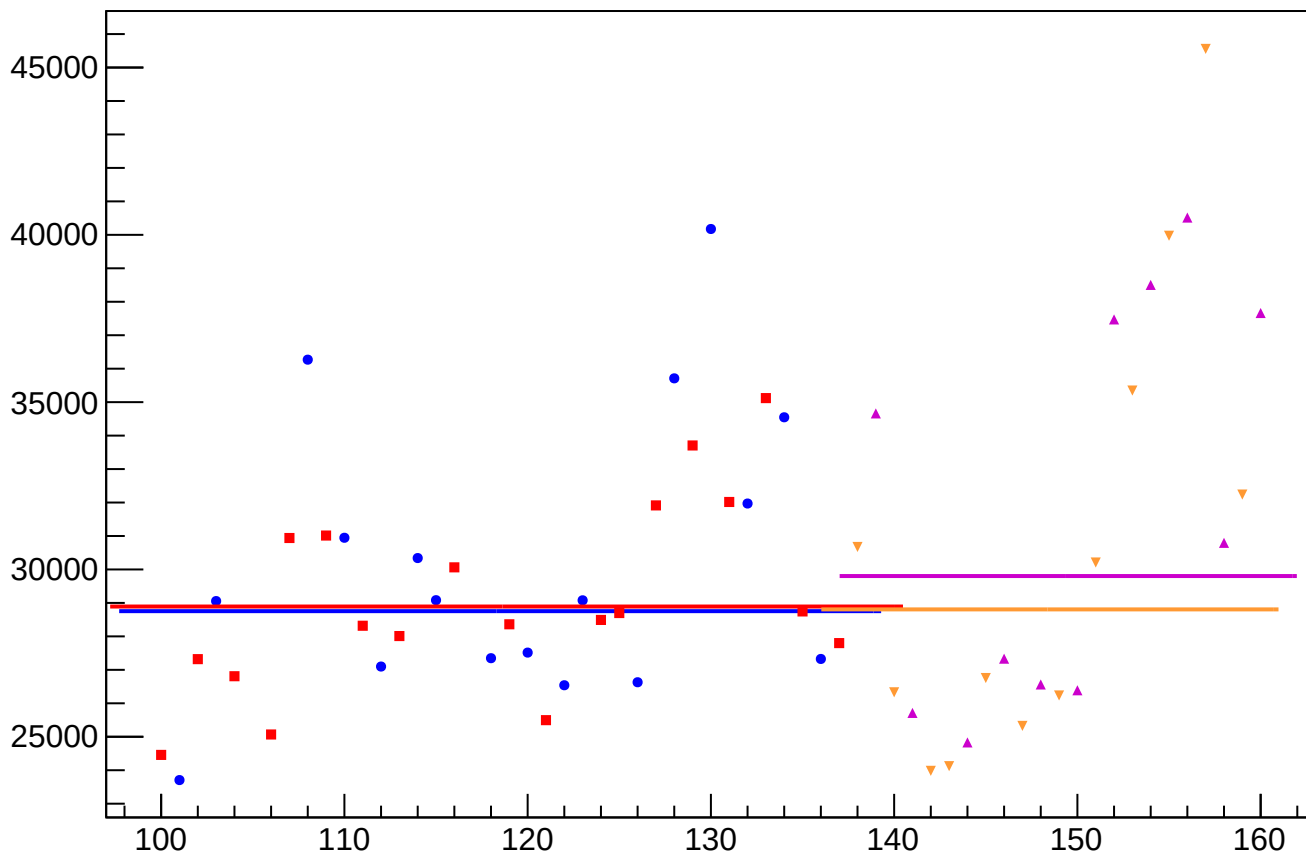
Right Out: 9.719 ± 10.891 χ^2/NDF : 19.1/18

Left In: -10.731 ± 10.111 χ^2/NDF : 6.8/10

-5.757 ± 7.409 χ^2/NDF : 36.6/28

-1.264 ± 7.410 χ^2/NDF : 27.8/29

diff_bpm12X_rms vs Slug



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 28806.304+/-6.944 χ^2/NDF : 562830.8/11

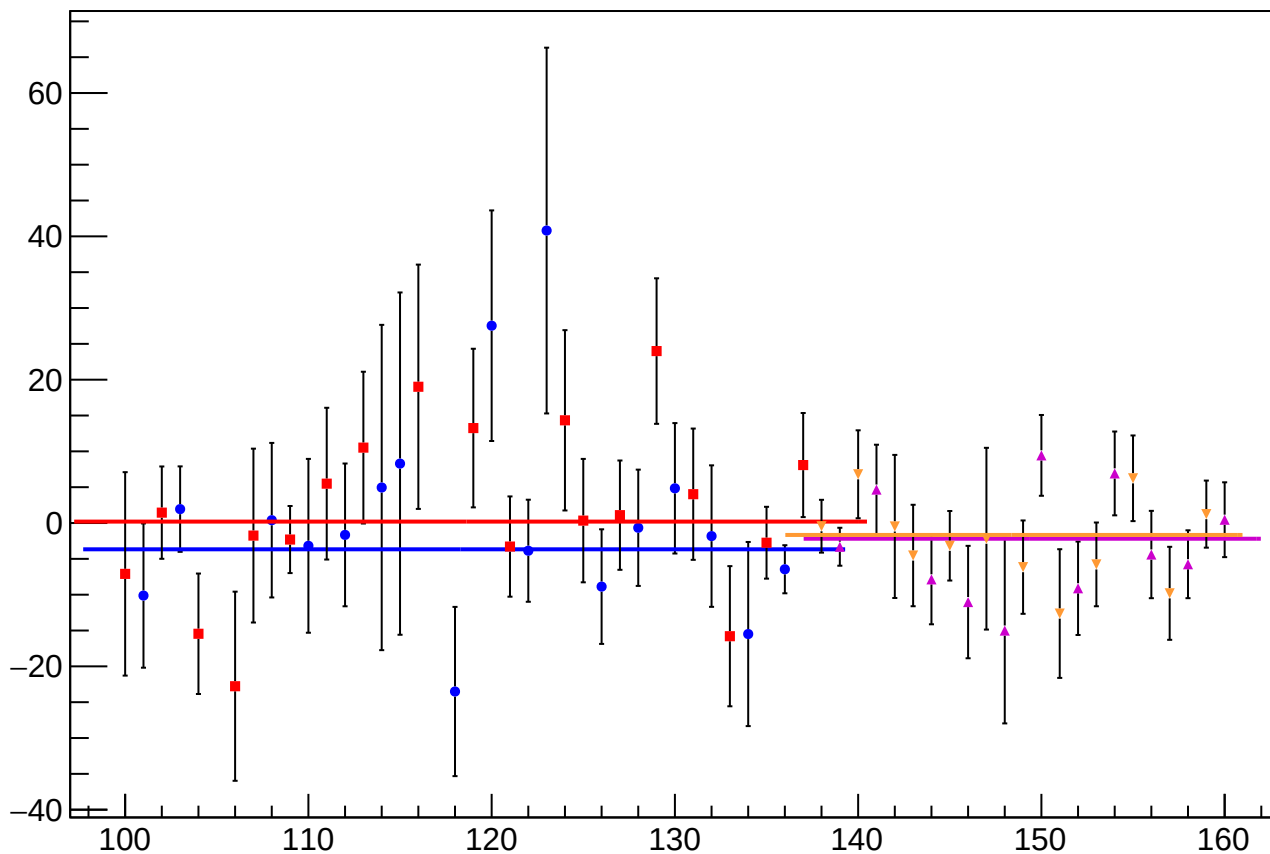
Right Out: 28892.154+/-7.701 χ^2/NDF : 111241.2/18

Left In: 29803.094+/-7.150 χ^2/NDF : 539639.2/10

28783.677+/-5.239 χ^2/NDF : 812070.6/28

29381.375+/-5.240 χ^2/NDF : 658395.1/29

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

Left Out: -1.664 ± 1.711 χ^2/NDF : 8.5/11

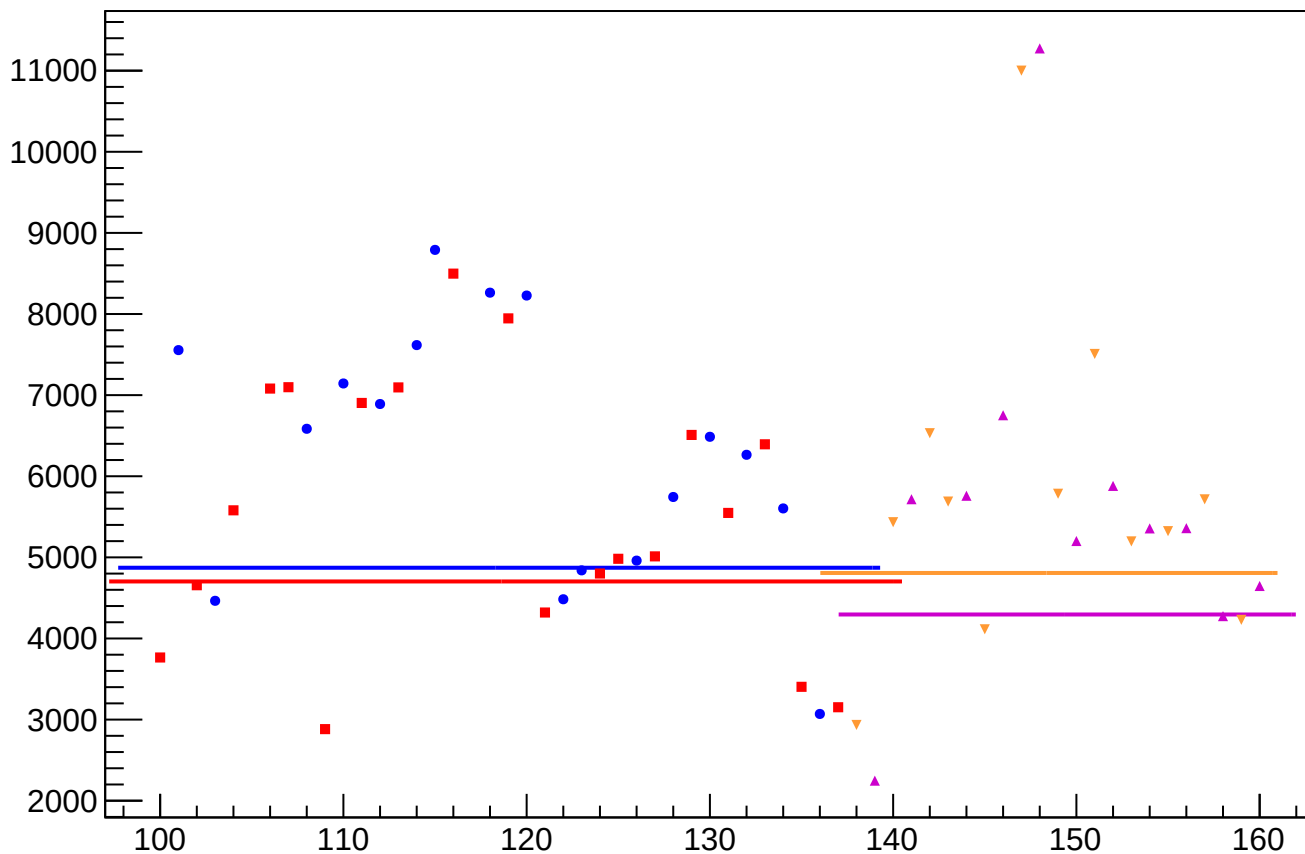
Right Out: 0.199 ± 1.893 χ^2/NDF : 22.3/18

Left In: -2.193 ± 1.565 χ^2/NDF : 13.2/10

-2.506 ± 1.303 χ^2/NDF : 23.5/28

-1.222 ± 1.206 χ^2/NDF : 36.5/29

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 4807.608+/-1.210 χ^2/NDF :1465766.2/11

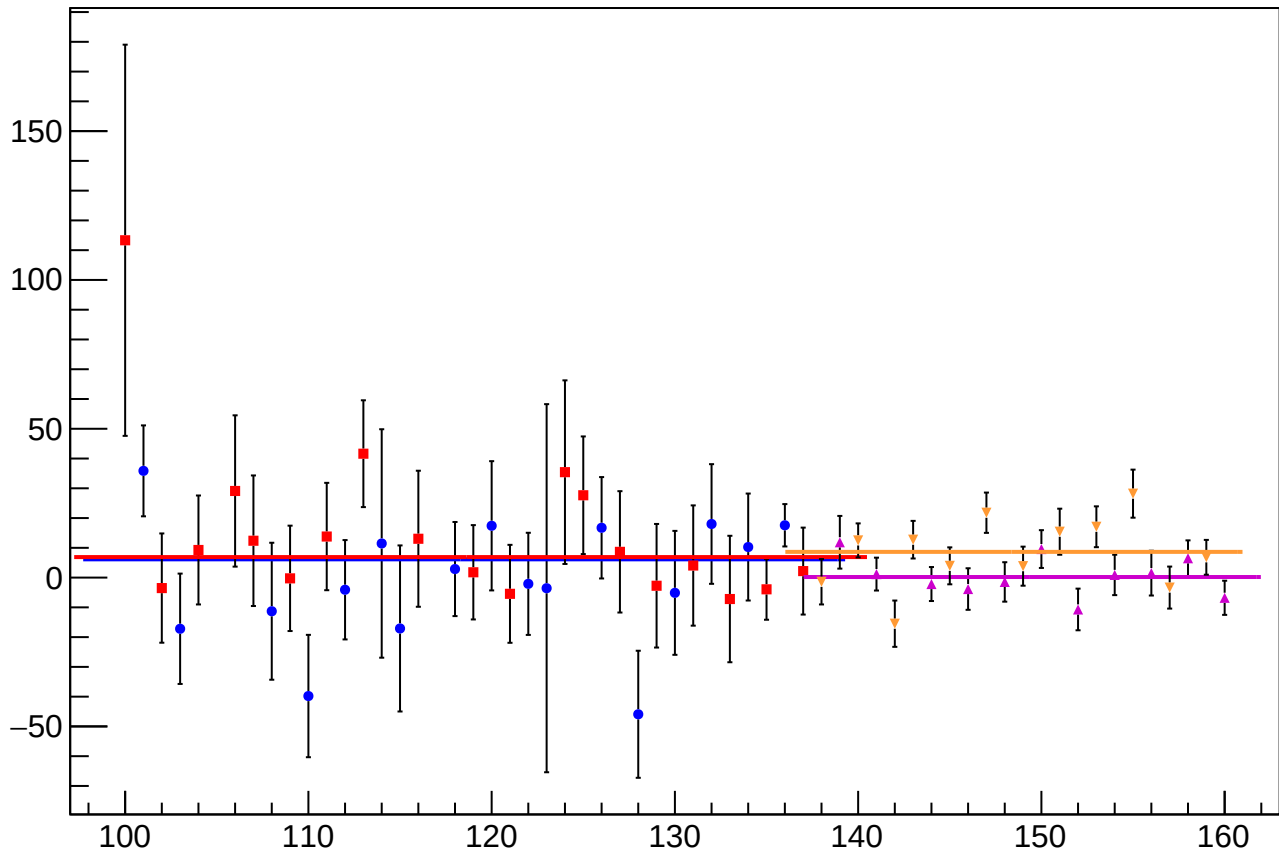
Right Out: 4702.994+/-1.338 χ^2/NDF : 1312720.8/18

Left In: 4295.765+/-1.106 χ^2/NDF :2493047.3/10

4834.710+/-0.921 χ^2/NDF : 2872213.7/28

4461.100+/-0.853 χ^2/NDF : 3860765.4/29

diff_bpm16X_mean vs Slug



Right In: 6.133 ± 4.080 $\chi^2/\text{NDF}: 22.2/16$

Left Out: 8.643 ± 1.950 $\chi^2/\text{NDF}: 28.3/11$

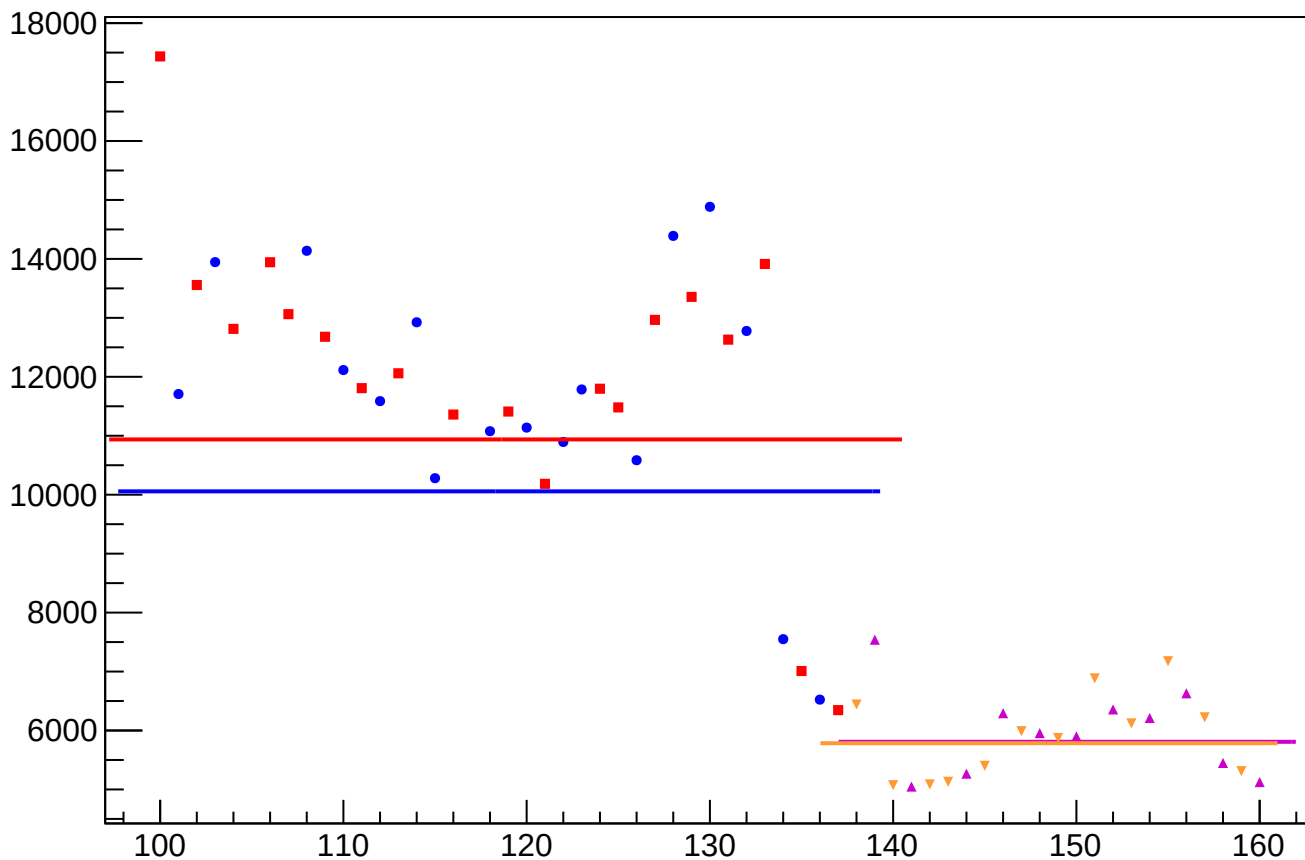
Right Out: 6.892 ± 4.224 $\chi^2/\text{NDF}: 12.5/18$

Left In: 0.194 ± 1.953 $\chi^2/\text{NDF}: 9.6/10$

8.176 ± 1.759 $\chi^2/\text{NDF}: 50.8/28$

1.373 ± 1.772 $\chi^2/\text{NDF}: 24.1/29$

diff_bpm16X_rms vs Slug



Right In: 10056.991 $\pm$ 2.885 χ^2 /NDF: 1002872.6/16

Left Out: 5784.093 $\pm$ 1.379 χ^2 /NDF: 218808.7/11

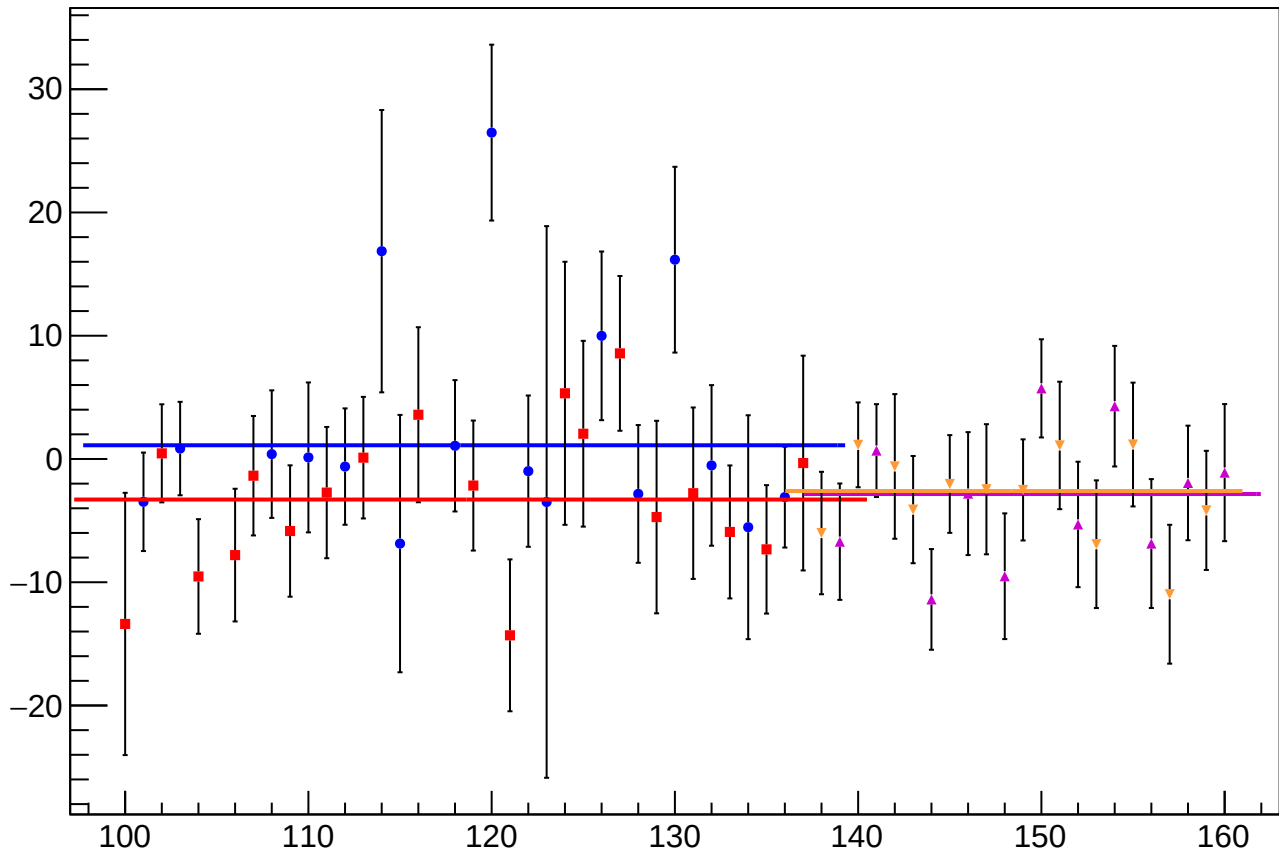
Right Out: 10937.573 $\pm$ 2.987 χ^2 /NDF: 762909.5/18

Left In: 5808.319 $\pm$ 1.381 χ^2 /NDF: 222138.1/10

6578.256 $\pm$ 1.244 χ^2 /NDF: 3007393.3/28

6711.306 $\pm$ 1.253 χ^2 /NDF: 3414511.2/29

diff_bpm16Y_mean vs Slug



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -2.601 ± 1.343 χ^2/NDF : 6.0/11

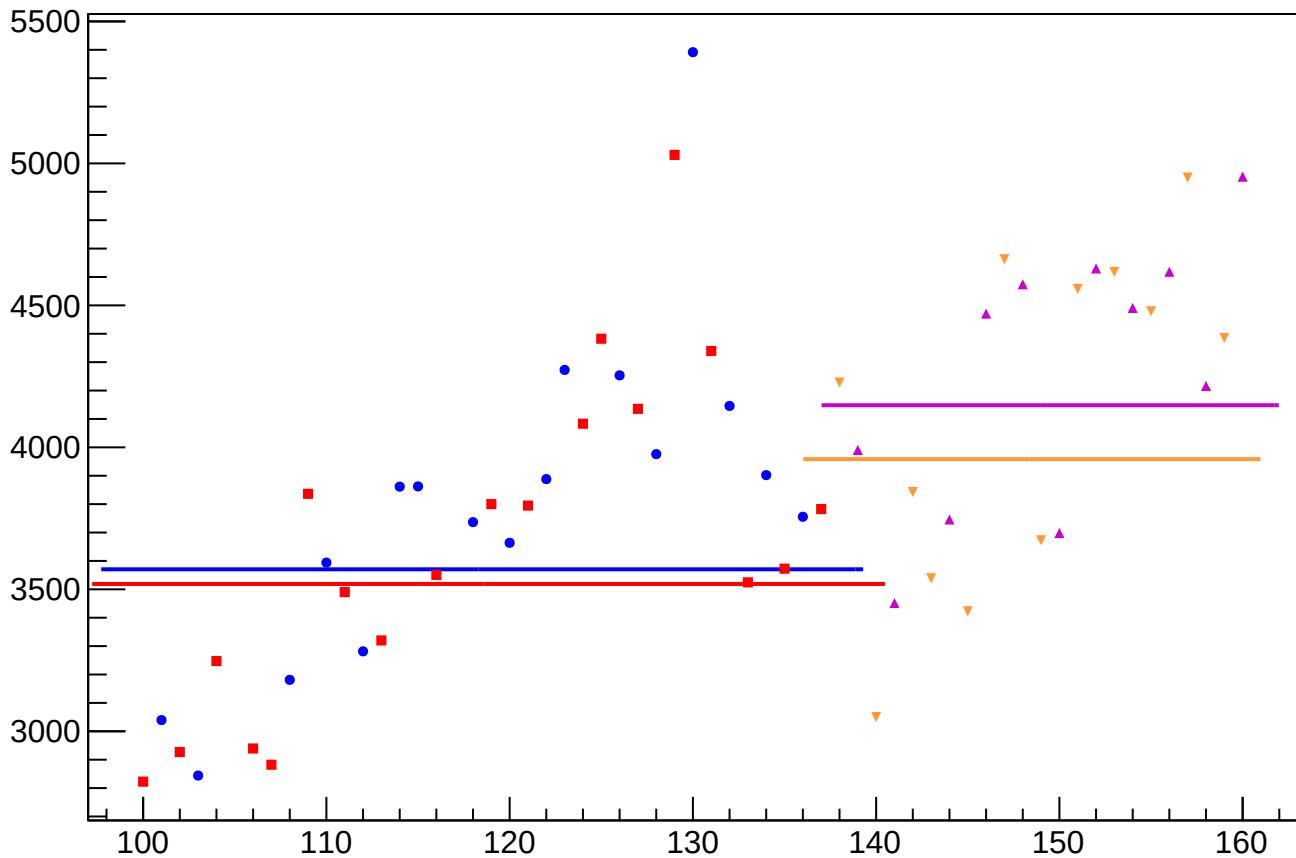
Right Out: -3.290 ± 1.334 χ^2/NDF : 15.1/18

Left In: -2.841 ± 1.397 χ^2/NDF : 15.4/10

-0.825 ± 0.970 χ^2/NDF : 34.3/28

-3.076 ± 0.965 χ^2/NDF : 30.5/29

diff_bpm16Y_rms vs Slug



Right In: 3570.481 ± 0.992 χ^2/NDF : 309699.2/16

Left Out: 3958.555 ± 0.950 χ^2/NDF : 404789.8/11

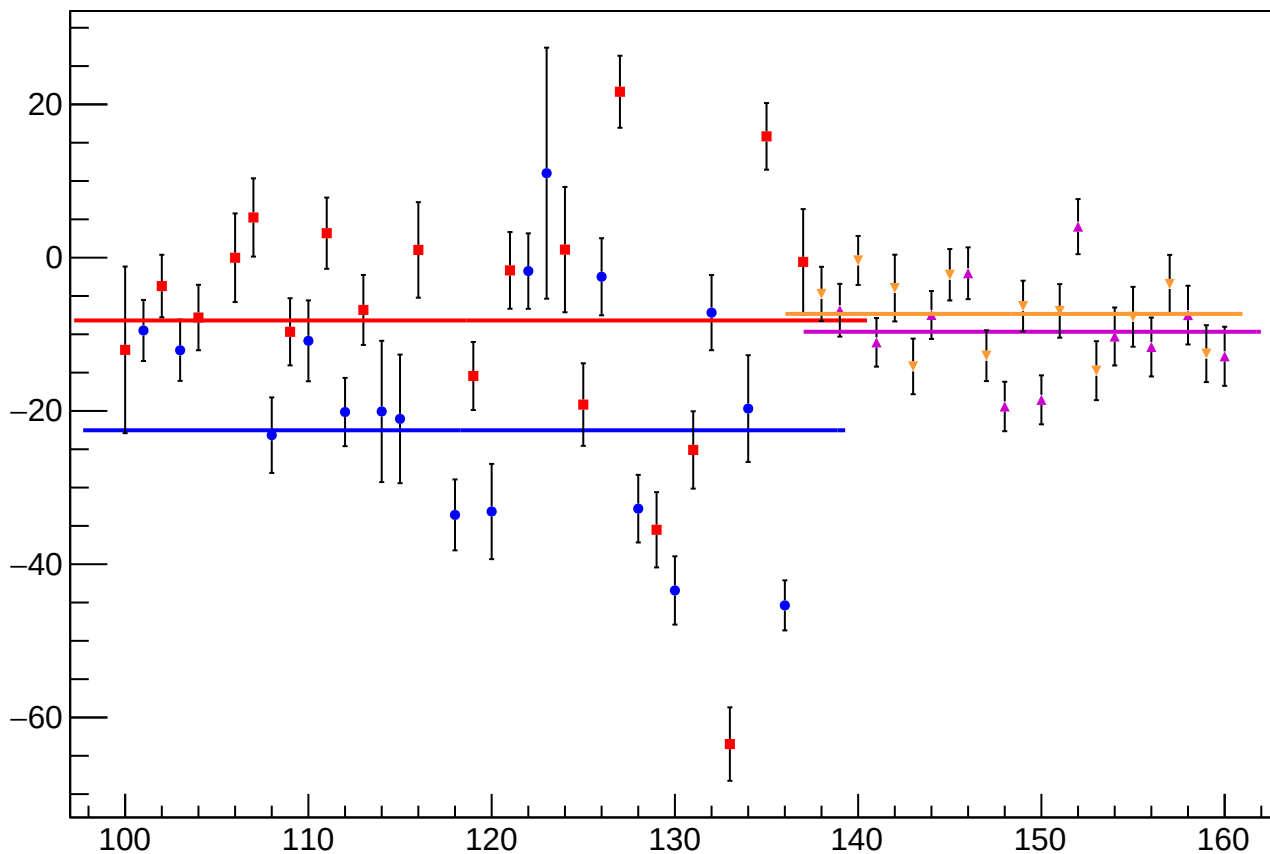
Right Out: 3518.886 ± 0.943 χ^2/NDF : 293392.5/18

Left In: 4148.320 ± 0.988 χ^2/NDF : 224117.2/10

3772.965 ± 0.686 χ^2/NDF : 794348.4/28

3819.035 ± 0.682 χ^2/NDF : 729961.7/29

diff_bpm0l01X_mean vs Slug



Right In: -22.526 ± 1.201 χ^2/NDF : 155.5/16

Left Out: -7.338 ± 1.034 χ^2/NDF : 21.3/11

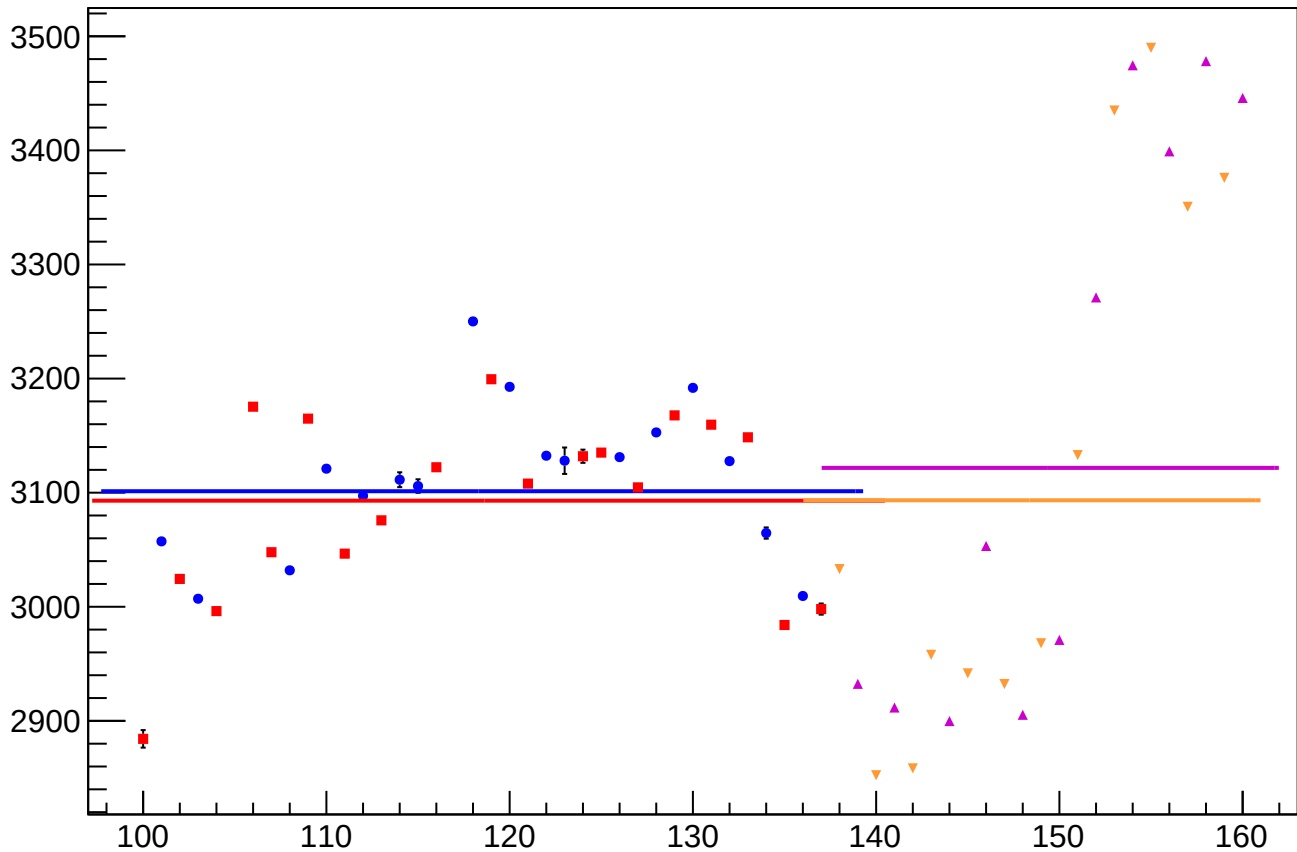
Right Out: -8.192 ± 1.157 χ^2/NDF : 275.8/18

Left In: -9.668 ± 1.044 χ^2/NDF : 39.2/10

-13.809 ± 0.784 χ^2/NDF : 268.7/28

-9.006 ± 0.775 χ^2/NDF : 315.9/29

diff_bpm0l01X_rms vs Slug



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 3093.320+/-0.731 χ^2/NDF : 89655.6/11

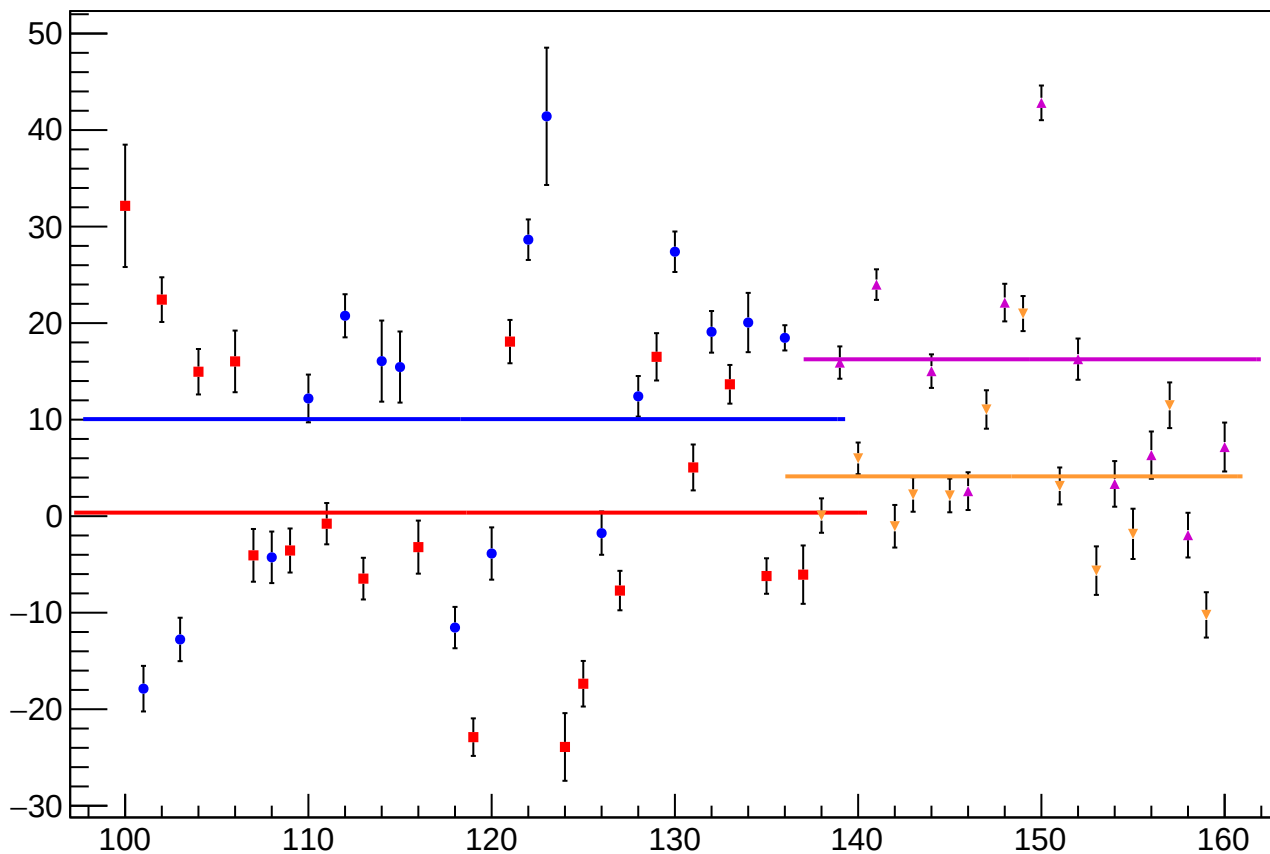
Right Out: 3092.993+/-0.818 χ^2/NDF : 7766.0/18

Left In: 3121.724+/-0.738 χ^2/NDF : 101909.4/10

3096.707+/-0.554 χ^2/NDF : 96939.7/28

3108.834+/-0.548 χ^2/NDF : 110355.5/29

diff_bpm0l01Y_mean vs Slug



Right In: 10.055+/-0.562 χ^2/NDF : 692.2/16

Left Out: 4.123+/-0.575 χ^2/NDF : 180.3/11

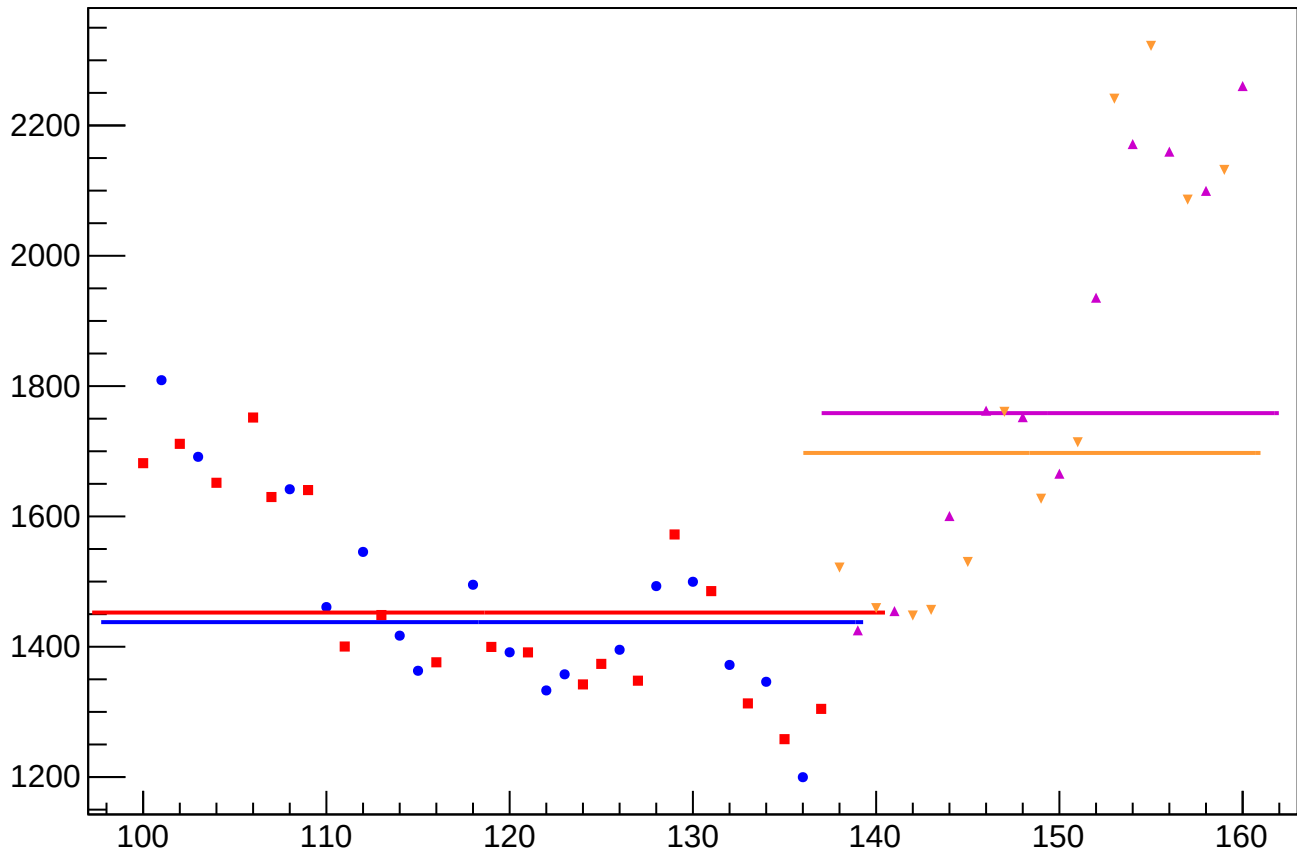
Right Out: 0.367+/-0.547 χ^2/NDF : 629.8/18

Left In: 16.252+/-0.595 χ^2/NDF : 422.2/10

7.158+/-0.402 χ^2/NDF : 927.0/28

7.648+/-0.403 χ^2/NDF : 1438.6/29

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1697.424 $\pm$ 0.406 χ^2 /NDF: 478168.3/11

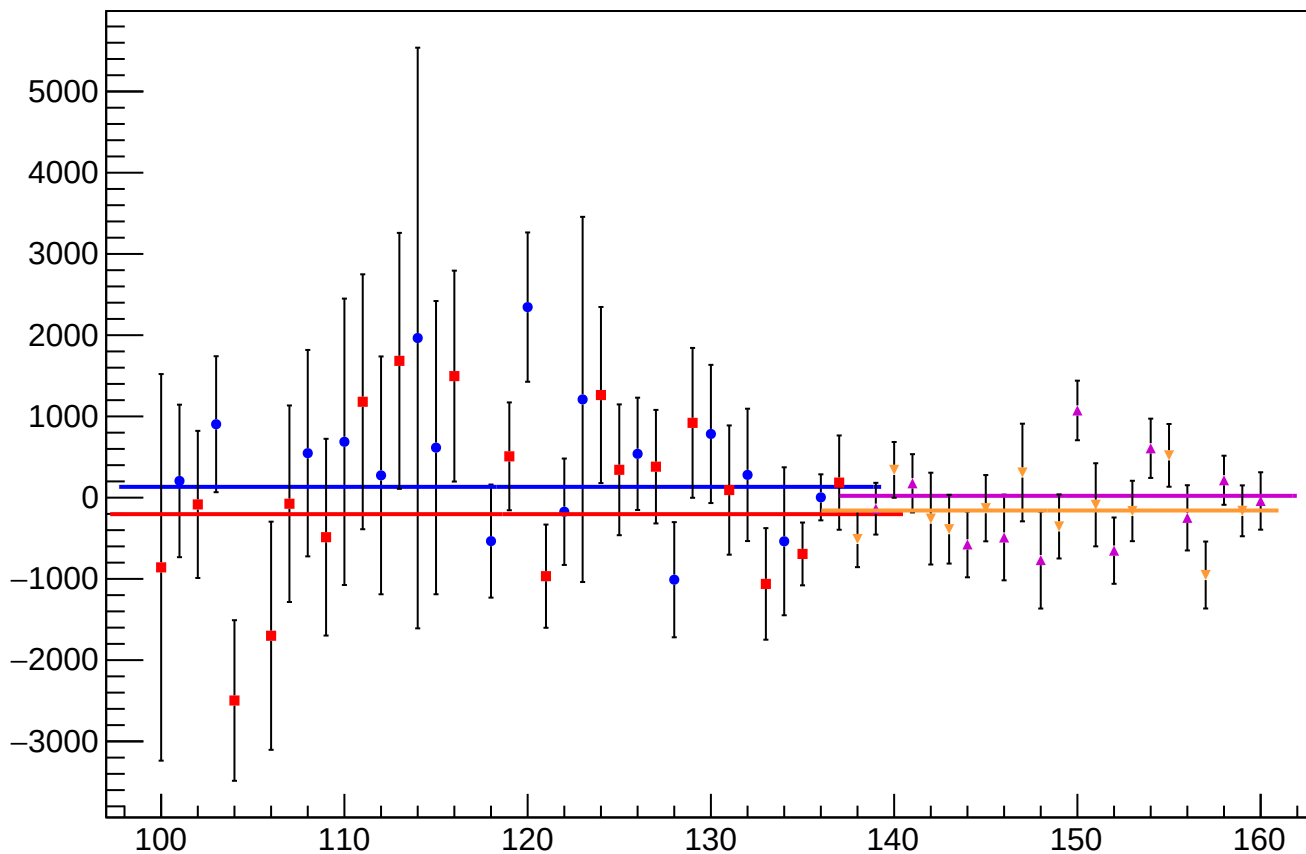
Right Out: 1452.469 $\pm$ 0.387 χ^2 /NDF: 138605.8/18

Left In: 1758.520 $\pm$ 0.420 χ^2 /NDF: 425158.8/10

1564.596 $\pm$ 0.284 χ^2 /NDF: 860157.6/28

1592.761 $\pm$ 0.285 χ^2 /NDF: 850737.1/29

asym_sam1_mean vs Slug



Right In: 132.921 ± 180.271 $\chi^2/\text{NDF}: 12.9/16$

Left Out: -158.138 ± 115.806 $\chi^2/\text{NDF}: 11.2/11$

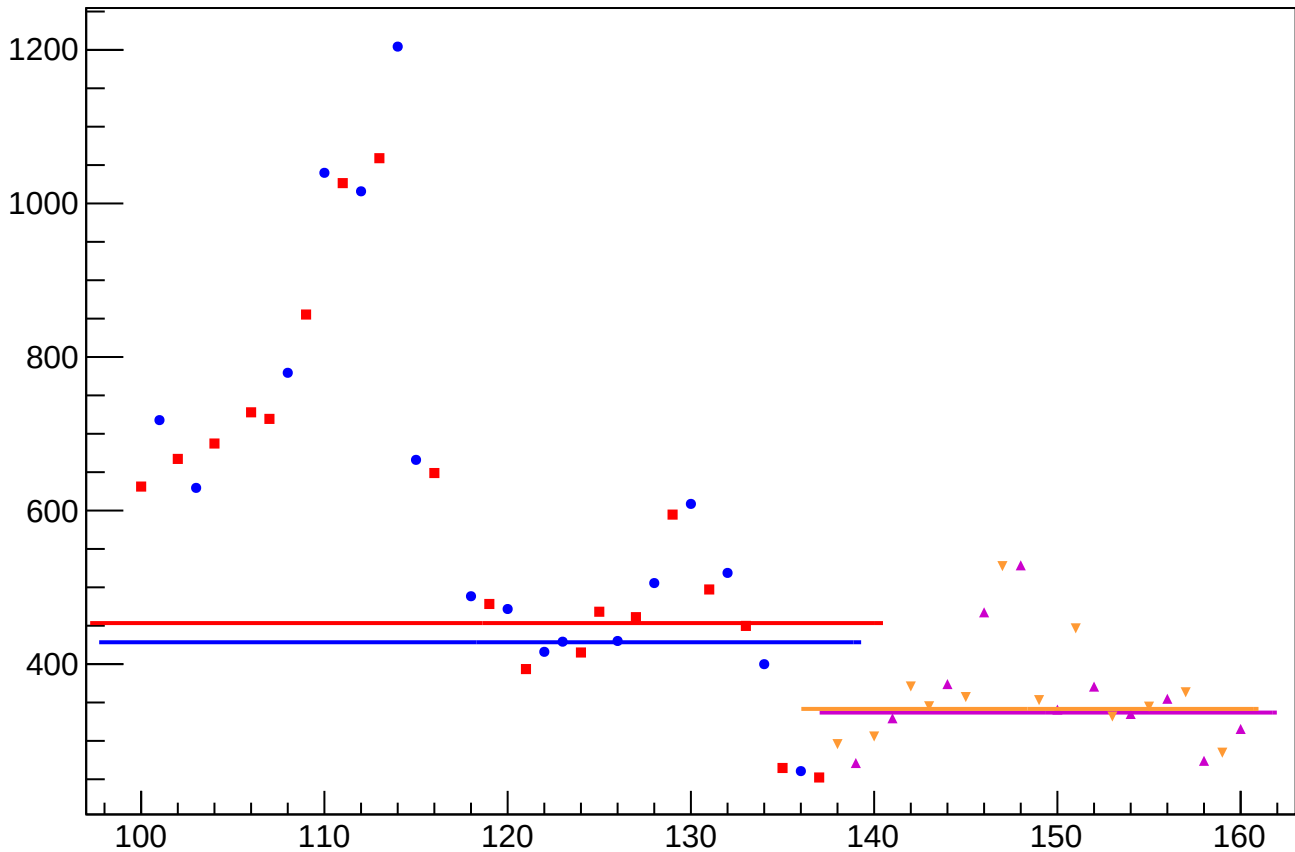
Right Out: -203.062 ± 184.353 $\chi^2/\text{NDF}: 21.4/18$

Left In: 22.518 ± 114.526 $\chi^2/\text{NDF}: 19.7/10$

-73.112 ± 97.434 $\chi^2/\text{NDF}: 25.9/28$

-40.297 ± 97.282 $\chi^2/\text{NDF}: 42.2/29$

asym_sam1_rms vs Slug



Right In: 428.460 ± 0.127 $\chi^2/\text{NDF}: 2011453.8/16$

Left Out: 341.649 ± 0.082 $\chi^2/\text{NDF}: 415816.6/11$

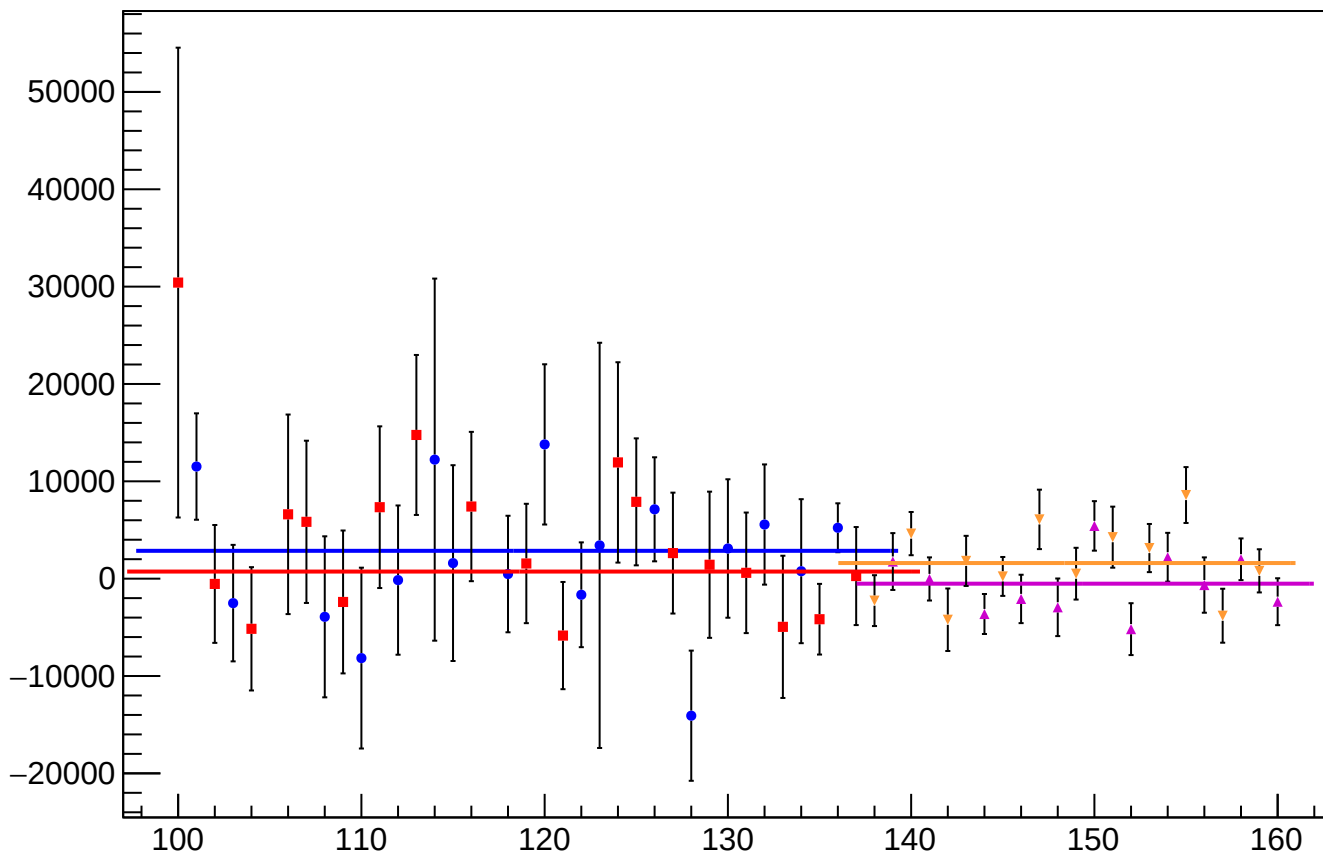
Right Out: 453.435 ± 0.130 $\chi^2/\text{NDF}: 2029813.8/18$

Left In: 336.876 ± 0.081 $\chi^2/\text{NDF}: 543632.7/10$

367.009 ± 0.069 $\chi^2/\text{NDF}: 2755583.8/28$

369.333 ± 0.069 $\chi^2/\text{NDF}: 3150324.0/29$

asym_sam2_mean vs Slug



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: 1604.695 $\pm$ 741.984 χ^2 /NDF: 21.1/11

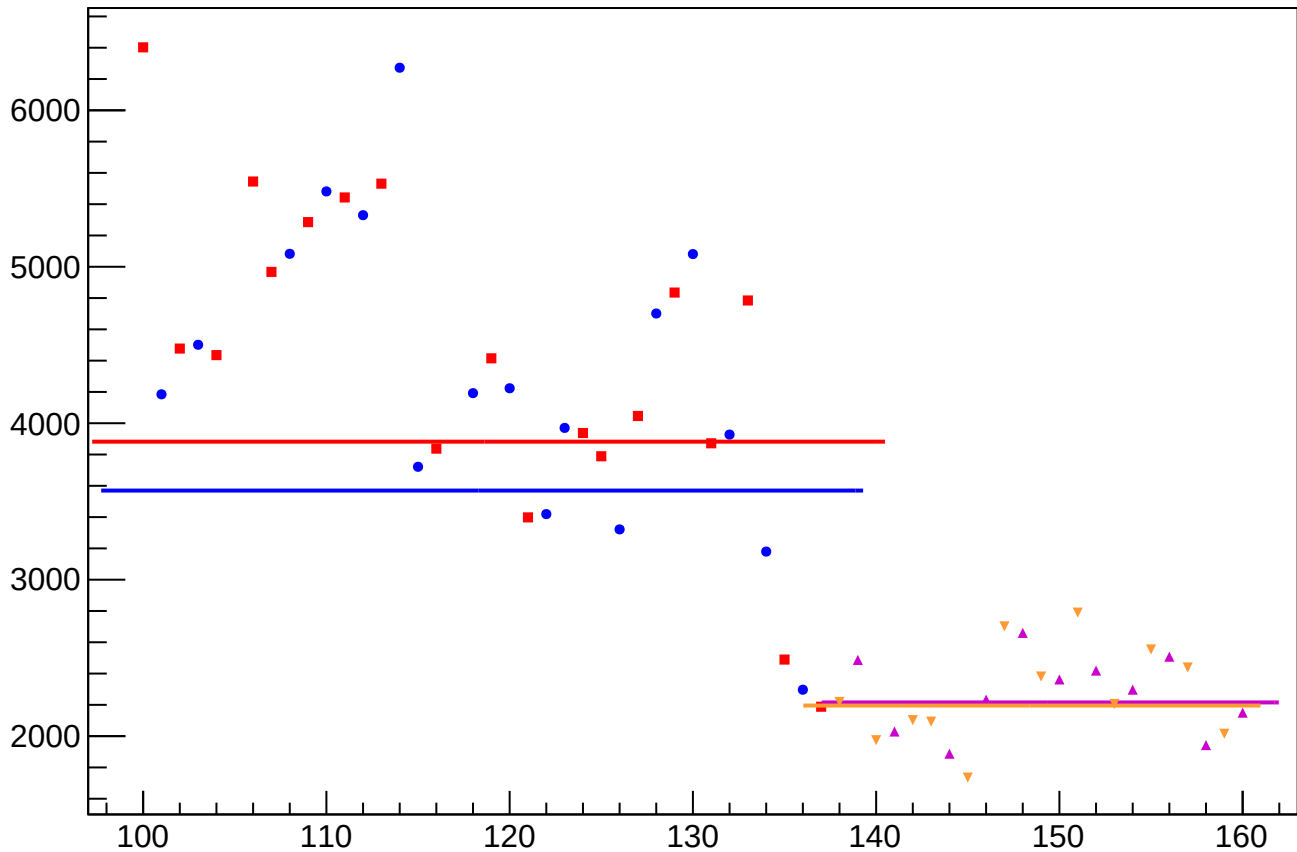
Right Out: 729.571 $\pm$ 1509.224 χ^2 /NDF: 14.0/18

Left In: -515.955 $\pm$ 744.744 χ^2 /NDF: 15.7/10

1865.712 $\pm$ 660.327 χ^2 /NDF: 38.4/28

-272.054 $\pm$ 667.857 χ^2 /NDF: 30.2/29

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2195.455+/-0.525 χ^2/NDF : 327370.6/11

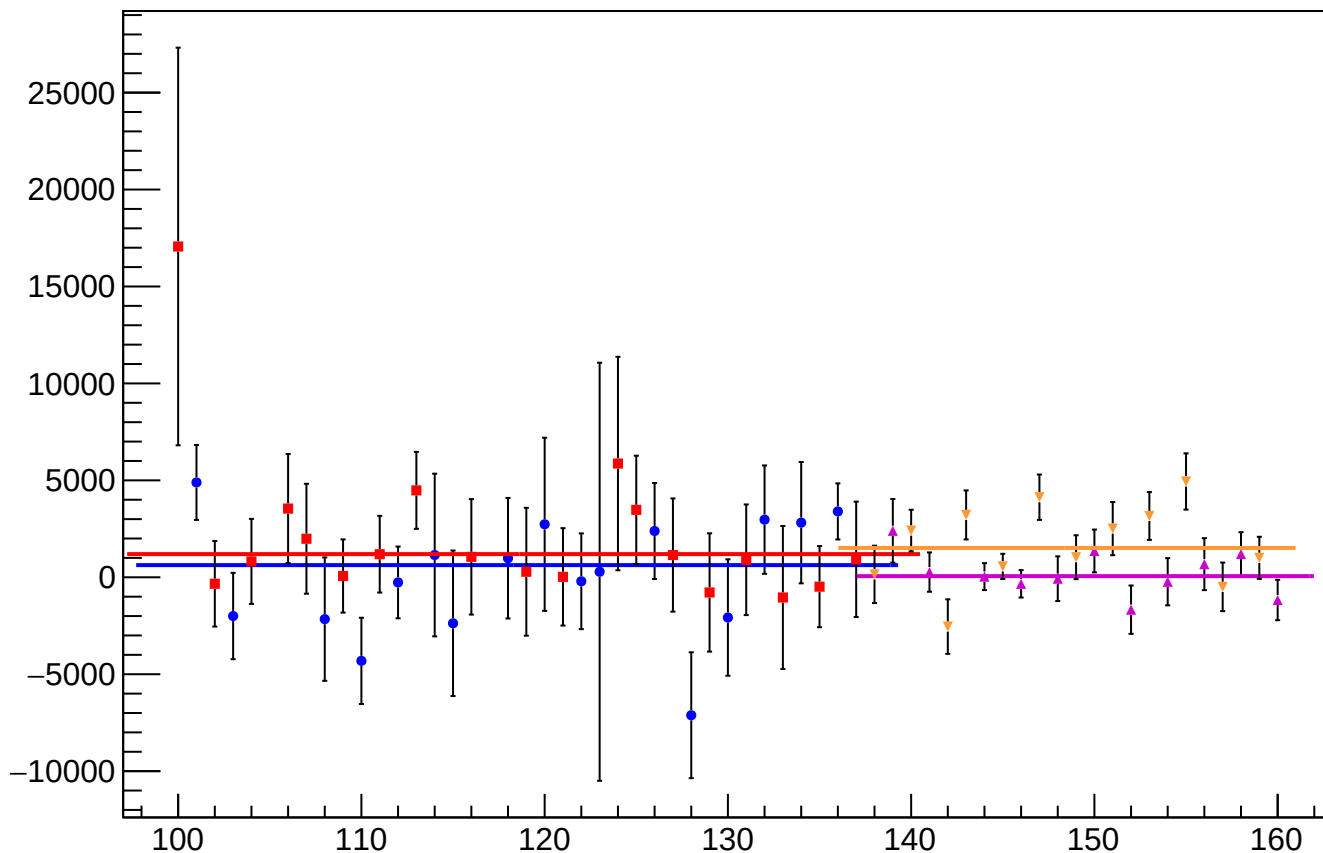
Right Out: 3882.169+/-1.067 χ^2/NDF : 983087.5/18

Left In: 2215.452+/-0.527 χ^2/NDF : 203044.5/10

2481.275+/-0.467 χ^2/NDF : 2842148.5/28

2541.831+/-0.472 χ^2/NDF : 3147677.8/29

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 1513.006+/-324.735 χ^2/NDF : 29.7/11

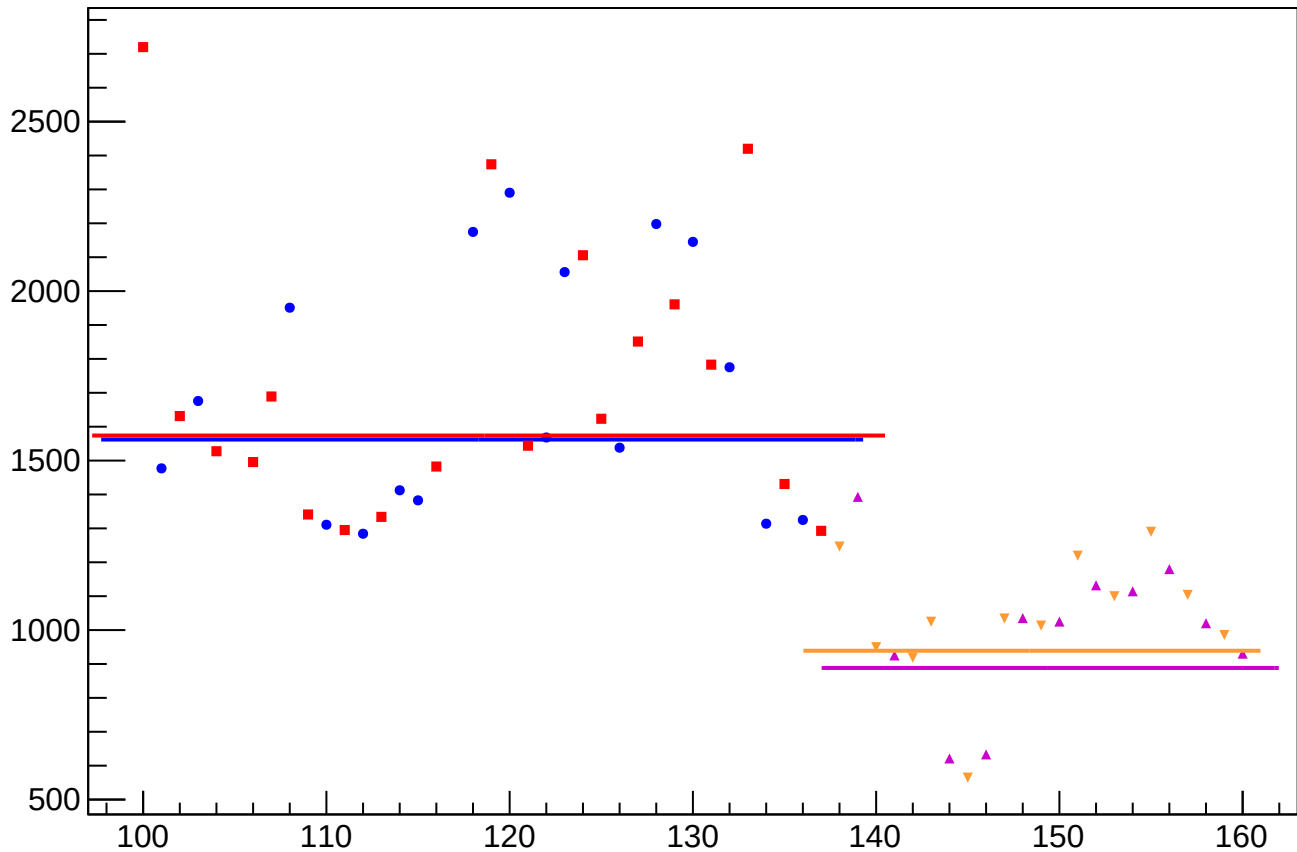
Right Out: 1195.385+/-603.058 χ^2/NDF : 9.9/18

Left In: 59.366+/-307.583 χ^2/NDF : 8.4/10

1322.860+/-287.759 χ^2/NDF : 56.4/28

293.882+/-274.001 χ^2/NDF : 21.1/29

asym_sam3_rms vs Slug



Right In: 1562.101+/-0.439 χ^2/NDF : 482088.3/16

Left Out: 939.051+/-0.230 χ^2/NDF : 1053948.7/11

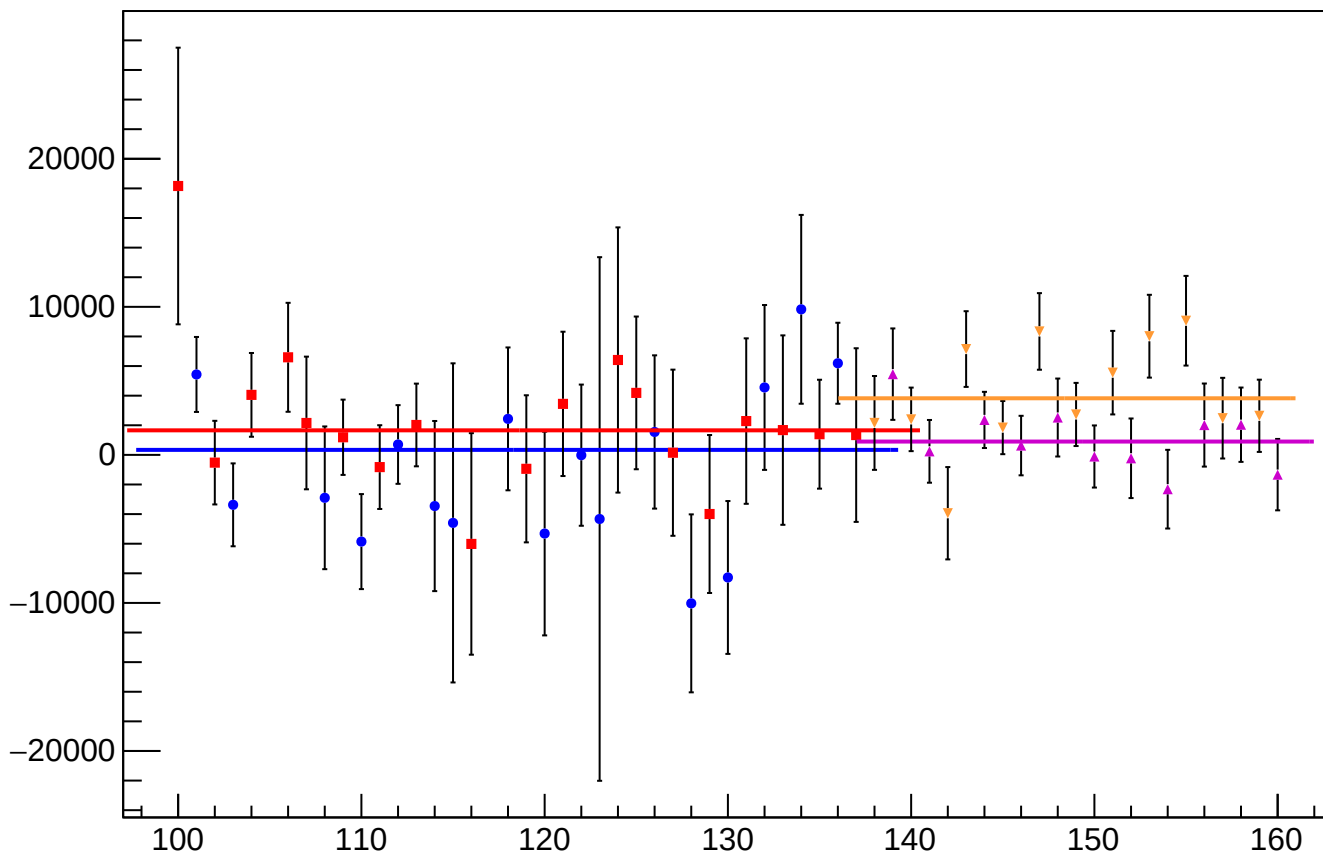
Right Out: 1573.906+/-0.426 χ^2/NDF : 463991.4/18

Left In: 888.218+/-0.217 χ^2/NDF : 1081362.3/10

1072.863+/-0.203 χ^2/NDF : 3117246.0/28

1029.769+/-0.194 χ^2/NDF : 3597212.7/29

asym_sam4_mean vs Slug



Right In: 338.117 $\pm$ 995.842 χ^2 /NDF: 24.8/16

Left Out: 3823.095 $\pm$ 722.231 χ^2 /NDF:19.2/11

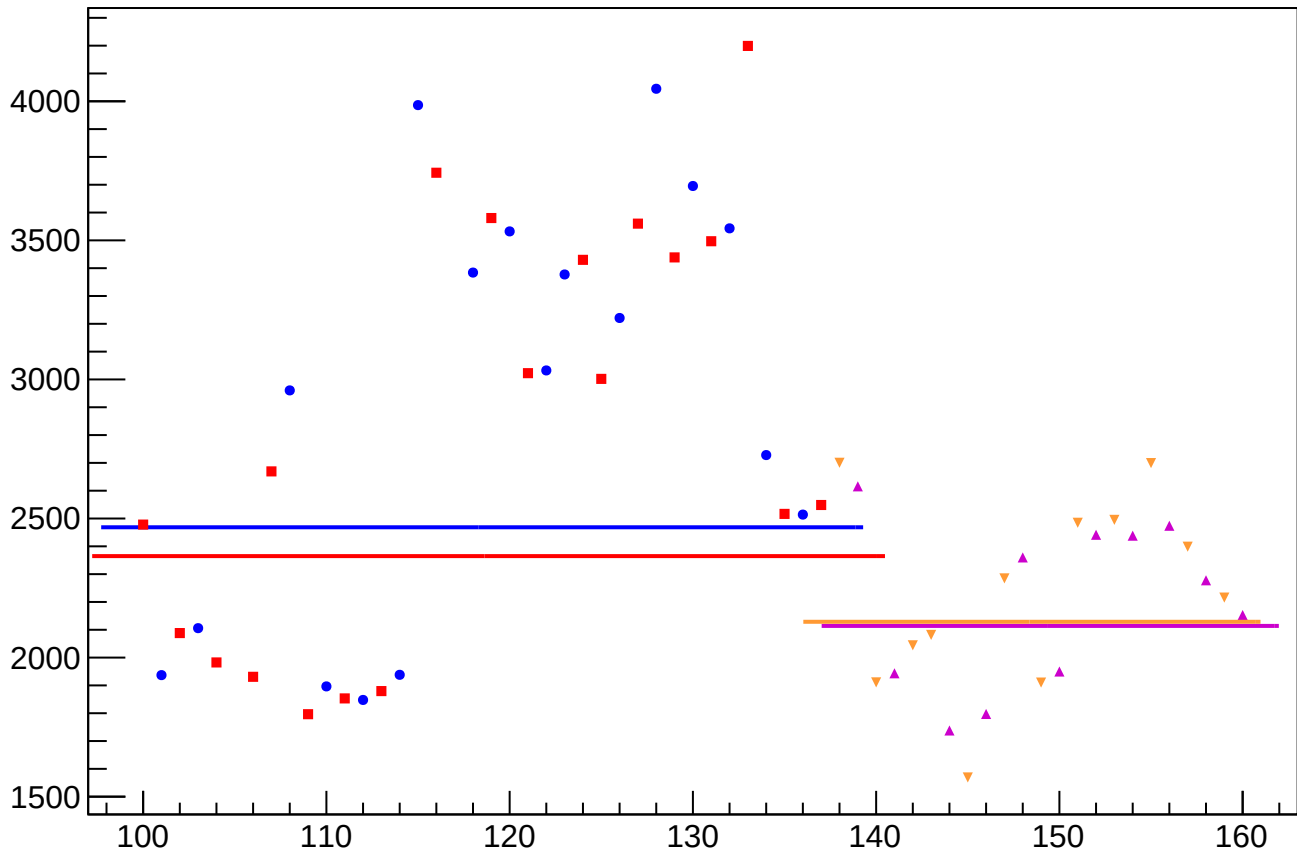
Right Out: 1658.069 $\pm$ 924.453 χ^2 /NDF: 10.3/18

Left In: 900.182 $\pm$ 713.950 χ^2 /NDF:6.4/10

2621.877 $\pm$ 584.657 χ^2 /NDF: 52.0/28

1183.333 $\pm$ 565.056 χ^2 /NDF: 17.0/29

asym_sam4_rms vs Slug



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2128.747+/-0.511 χ^2/NDF : 469737.7/11

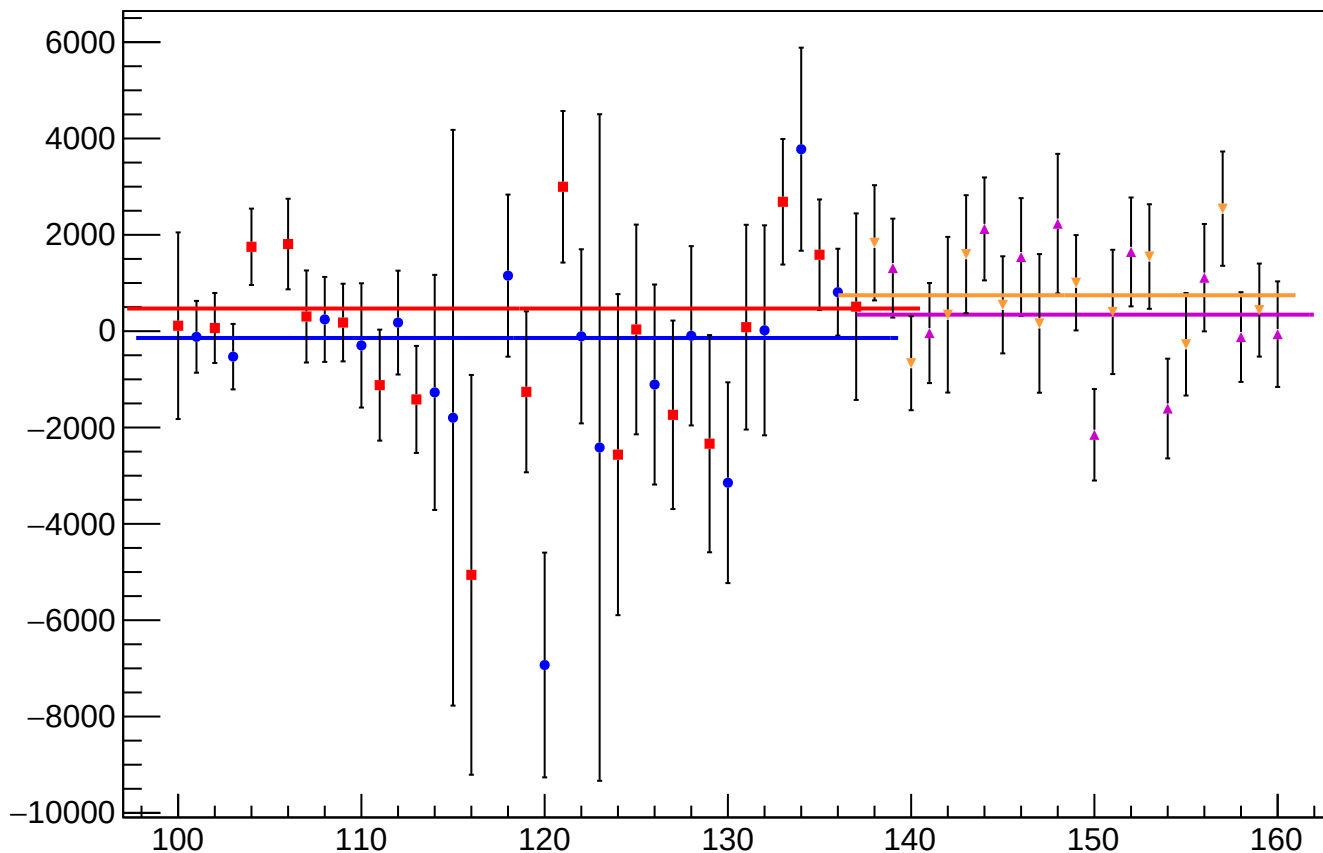
Right Out: 2364.833+/-0.654 χ^2/NDF : 1025161.0/18

Left In: 2113.889+/-0.505 χ^2/NDF : 325061.6/10

2245.850+/-0.413 χ^2/NDF : 1518436.6/28

2207.643+/-0.400 χ^2/NDF : 1442535.7/29

asym_sam5_mean vs Slug



Right In: -141.213+/-313.319 χ^2/NDF : 16.9/16

Left Out: 745.898+/-326.113 χ^2/NDF : 7.7/11

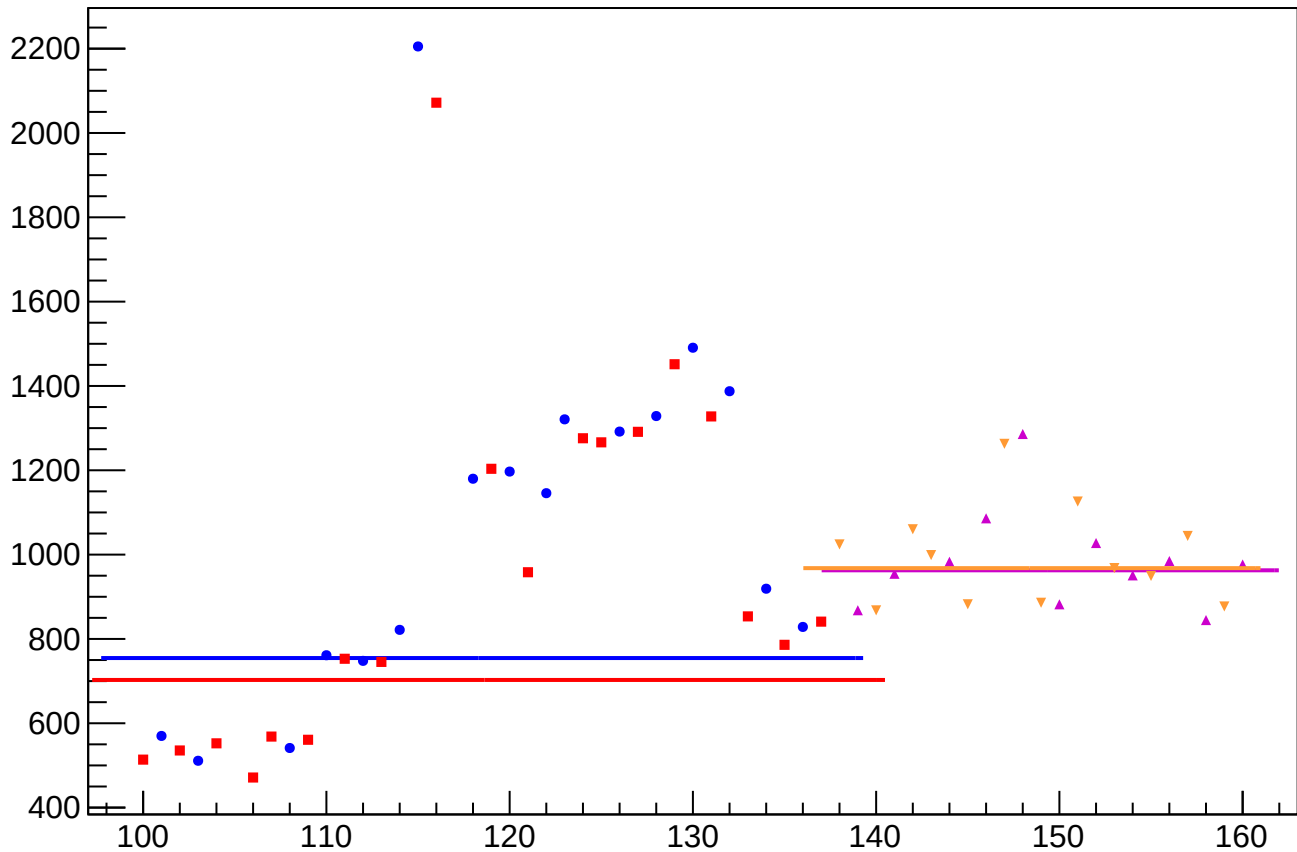
Right Out: 470.143+/-282.892 χ^2/NDF : 22.9/18

Left In: 343.209+/-324.241 χ^2/NDF : 19.1/10

284.600+/-225.937 χ^2/NDF : 28.5/28

415.281+/-213.165 χ^2/NDF : 42.1/29

asym_sam5_rms vs Slug



Right In: 754.684+/-0.222 χ^2/NDF : 1690621.2/16

Left Out: 967.901+/-0.231 χ^2/NDF : 202073.3/11

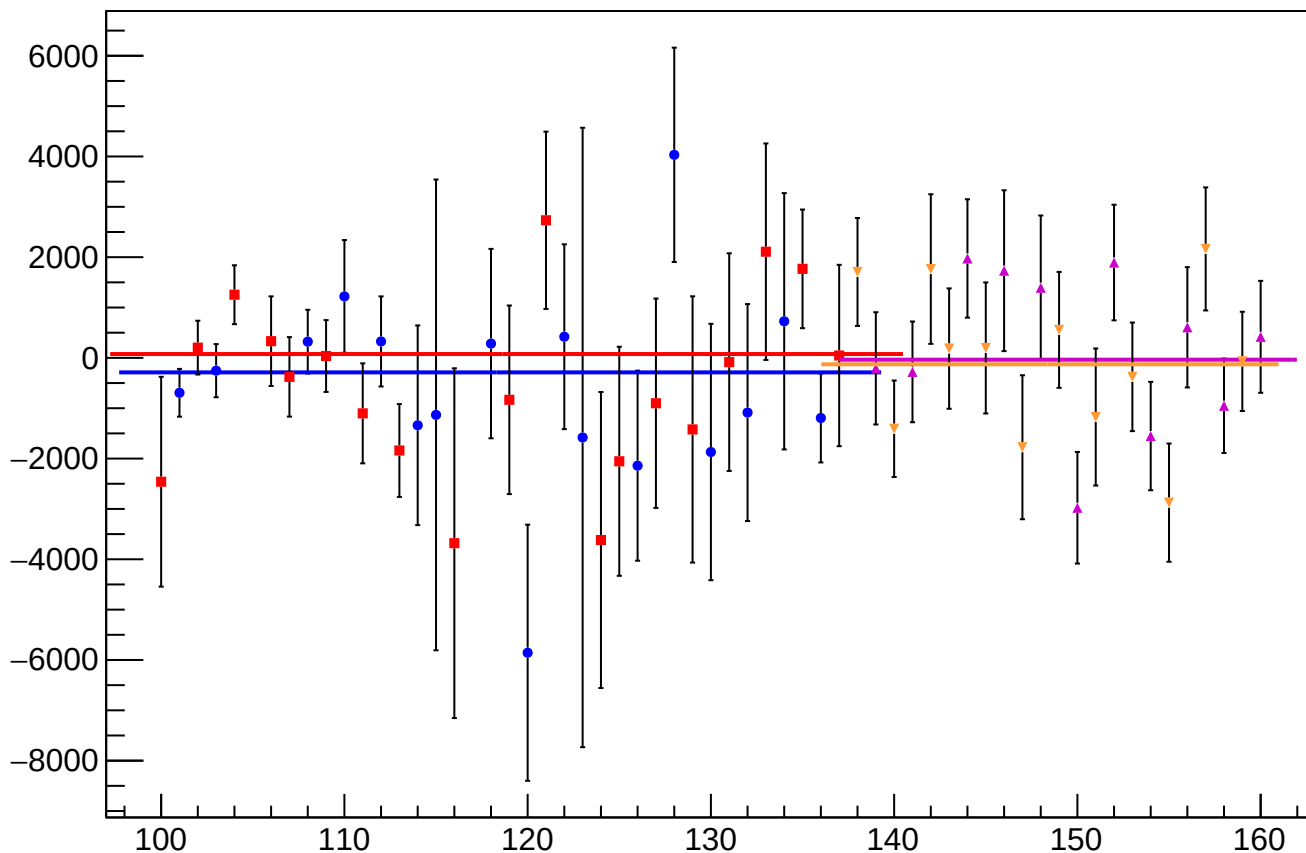
857.028+/-0.160 χ^2/NDF : 2337264.9/28

Right Out: 702.721+/-0.200 χ^2/NDF : 1691602.9/18

815.122+/-0.151 χ^2/NDF : 2614355.2/29

Left In: 962.782+/-0.229 χ^2/NDF : 192233.0/10

asym_sam6_mean vs Slug



Right In: -288.037+/-250.436 χ^2/NDF : 16.2/16

Left Out: -127.473+/-337.633 χ^2/NDF : 17.8/11

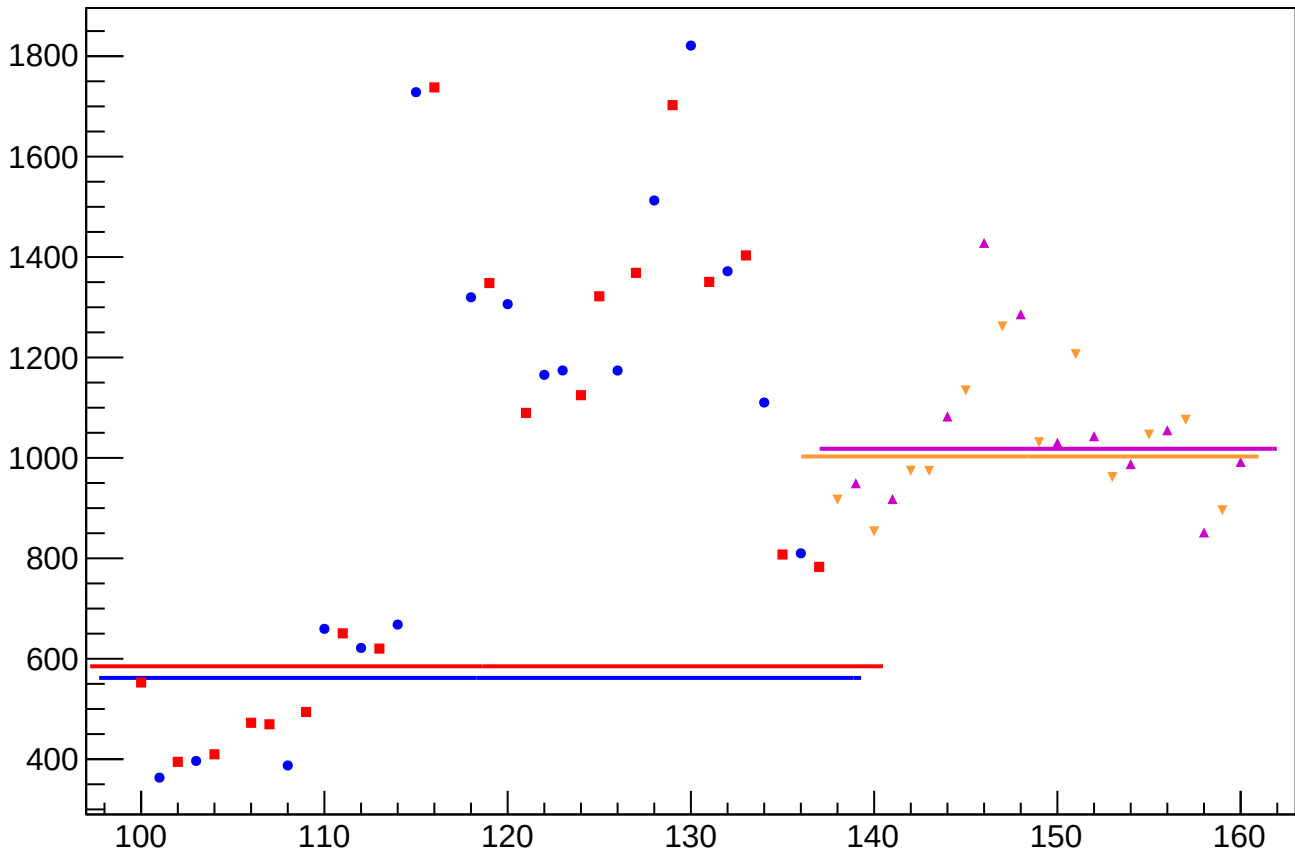
Right Out: 76.119+/-246.083 χ^2/NDF : 21.4/18

Left In: -35.940+/-343.242 χ^2/NDF : 18.5/10

-231.051+/-201.143 χ^2/NDF : 34.1/28

38.075+/-199.995 χ^2/NDF : 39.9/29

asym_sam6_rms vs Slug



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 1002.881+/-0.239 χ^2/NDF : 231536.9/11

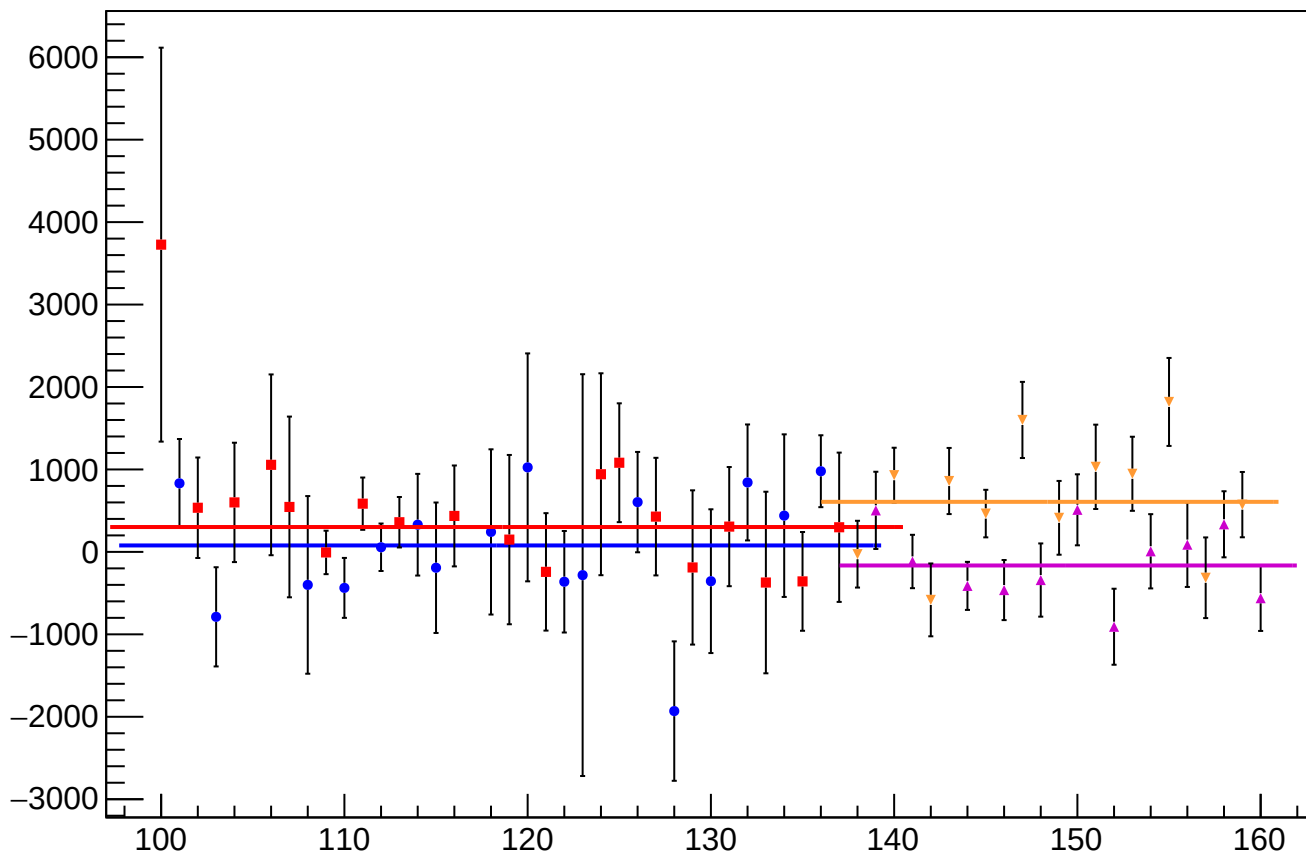
718.405+/-0.142 χ^2/NDF : 5649142.8/28

Right Out: 584.993+/-0.174 χ^2/NDF : 2824449.5/18

732.067+/-0.141 χ^2/NDF : 5232723.4/29

Left In: 1018.203+/-0.243 χ^2/NDF : 304005.1/10

asym_sam7_mean vs Slug



Right In: 78.184+/-142.869 χ^2/NDF : 19.8/16

Left Out: 607.176+/-118.670 χ^2/NDF : 26.1/11

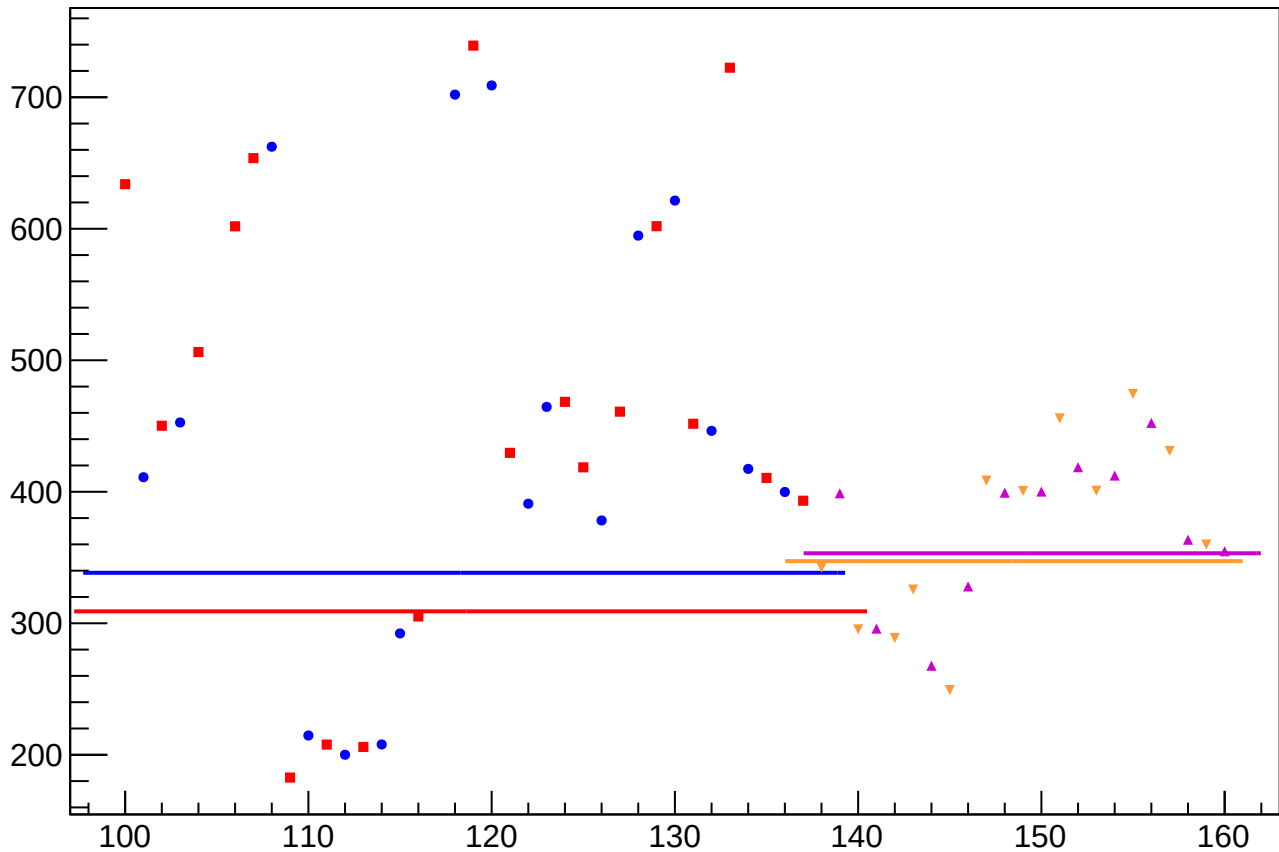
Right Out: 301.651+/-129.650 χ^2/NDF : 9.1/18

Left In: -164.795+/-119.634 χ^2/NDF : 11.6/10

391.211+/-91.286 χ^2/NDF : 54.0/28

49.718+/-87.922 χ^2/NDF : 27.7/29

asym_sam7_rms vs Slug



Right In: 338.408+/-0.101 χ^2/NDF : 2009287.1/16

Left Out: 347.255+/-0.084 χ^2/NDF : 677071.7/11

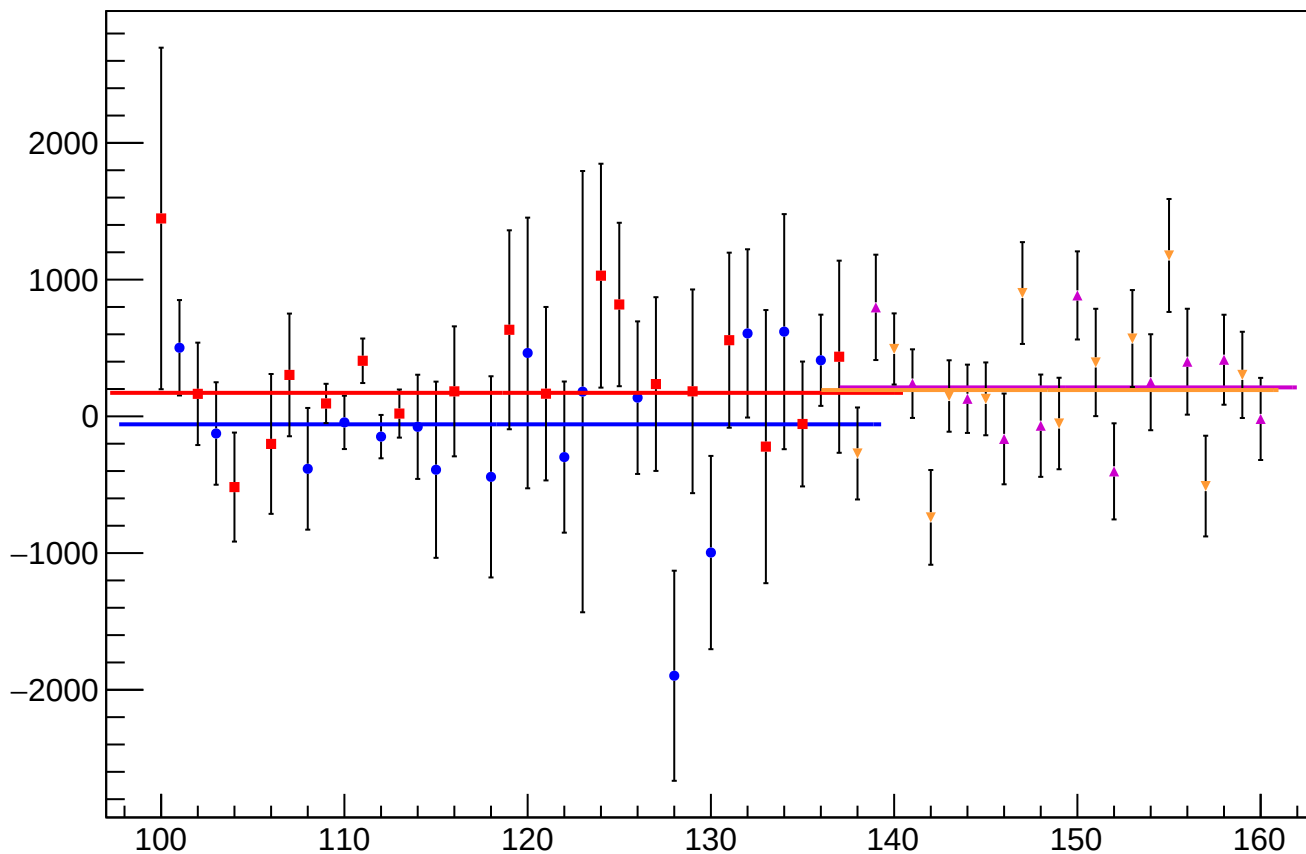
Right Out: 309.081+/-0.092 χ^2/NDF : 2733465.5/18

Left In: 353.249+/-0.085 χ^2/NDF : 459584.4/10

343.643+/-0.065 χ^2/NDF : 2690897.2/28

332.937+/-0.062 χ^2/NDF : 3318419.5/29

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 χ^2/NDF : 15.9/16

Left Out: 192.276 ± 93.430 χ^2/NDF : 25.5/11

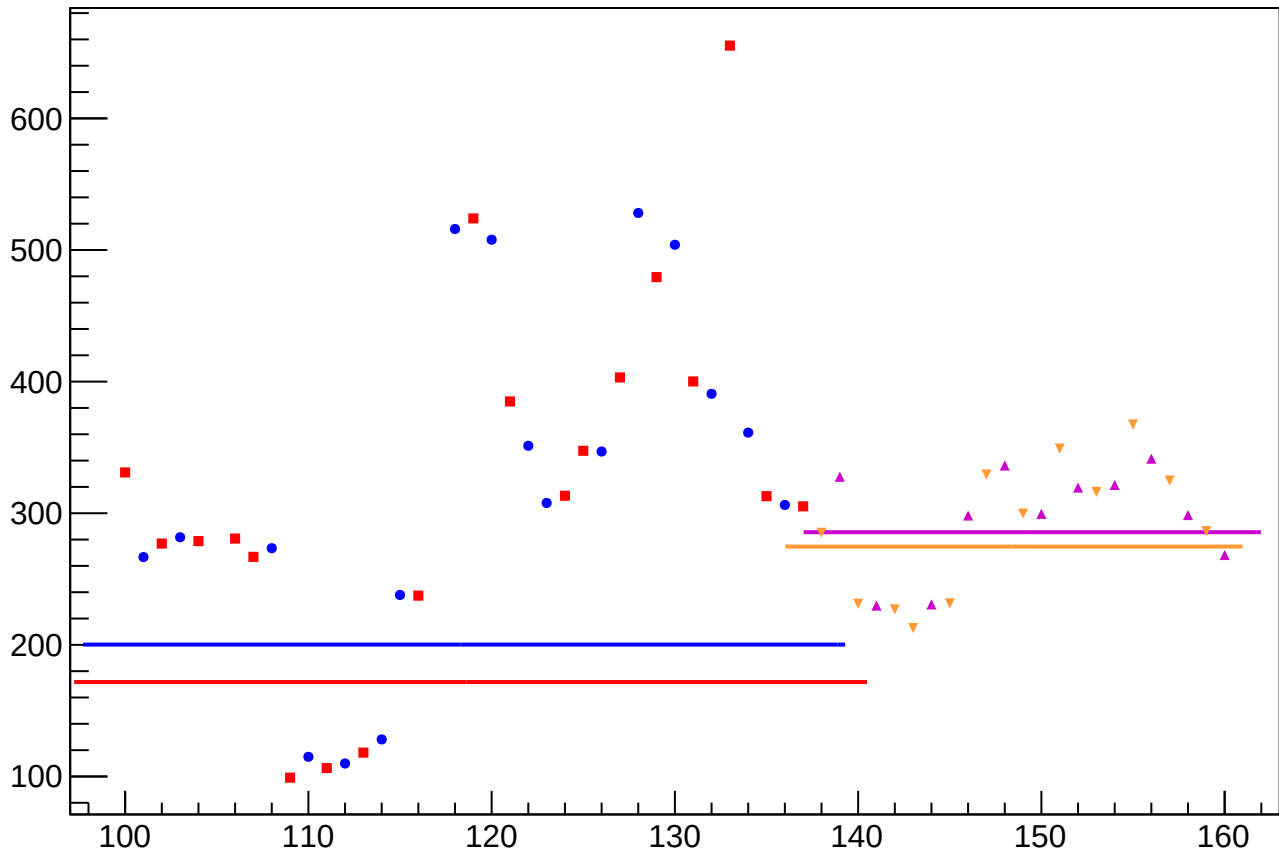
Right Out: 171.954 ± 76.920 χ^2/NDF : 11.3/18

Left In: 211.762 ± 96.365 χ^2/NDF : 12.9/10

62.977 ± 64.998 χ^2/NDF : 45.1/28

187.447 ± 60.117 χ^2/NDF : 24.4/29

asym_sam8_rms vs Slug



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 274.683+/-0.066 χ^2/NDF : 554866.4/11

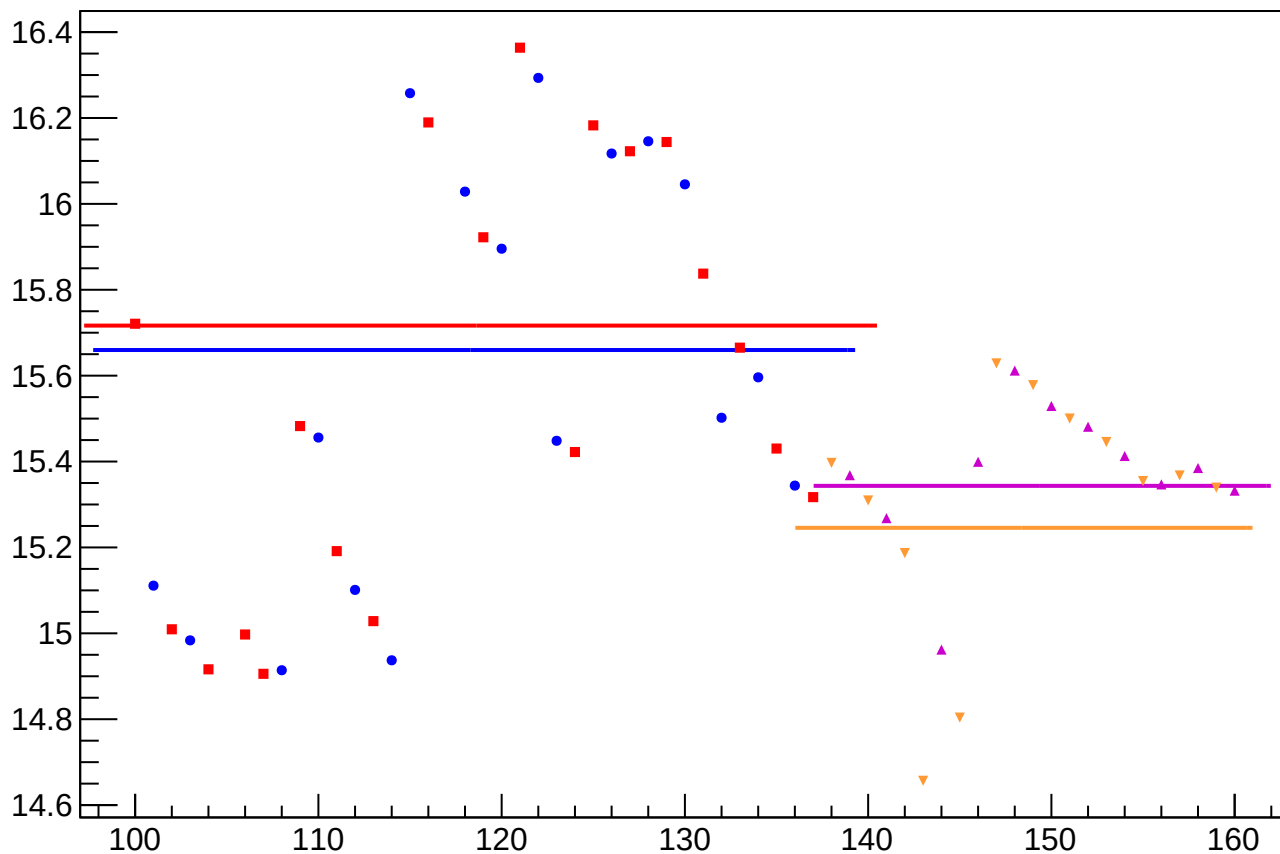
Right Out: 171.757+/-0.054 χ^2/NDF : 4093922.6/18

Left In: 285.572+/-0.068 χ^2/NDF : 353522.2/10

236.253+/-0.046 χ^2/NDF : 4597804.1/28

216.052+/-0.043 χ^2/NDF : 6151579.6/29

yield_sam1_mean vs Slug



Right In: 15.660+/-0.000 χ^2/NDF : 5782644553.5/16

Left Out: 15.246+/-0.000 χ^2/NDF : 6275958466.0/11

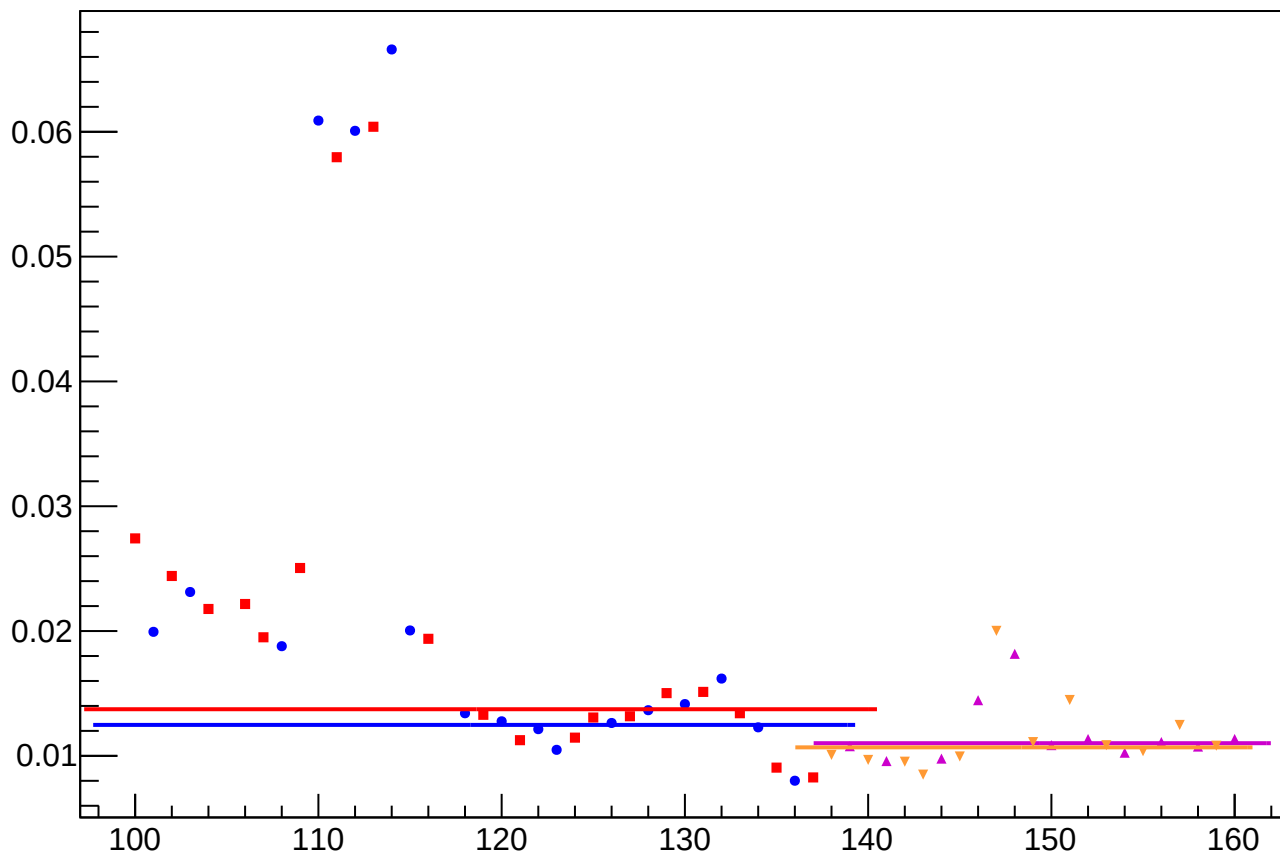
Right Out: 15.717+/-0.000 χ^2/NDF : 5461829475.3/18

Left In: 15.343+/-0.000 χ^2/NDF : 1881613179.4/10

15.376+/-0.000 χ^2/NDF : 15939797826.7/28

15.454+/-0.000 χ^2/NDF : 10176941767.2/29

yield_sam1_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 2152911.4/16

Left Out: 0.011+/-0.000 χ^2/NDF : 582932.3/11

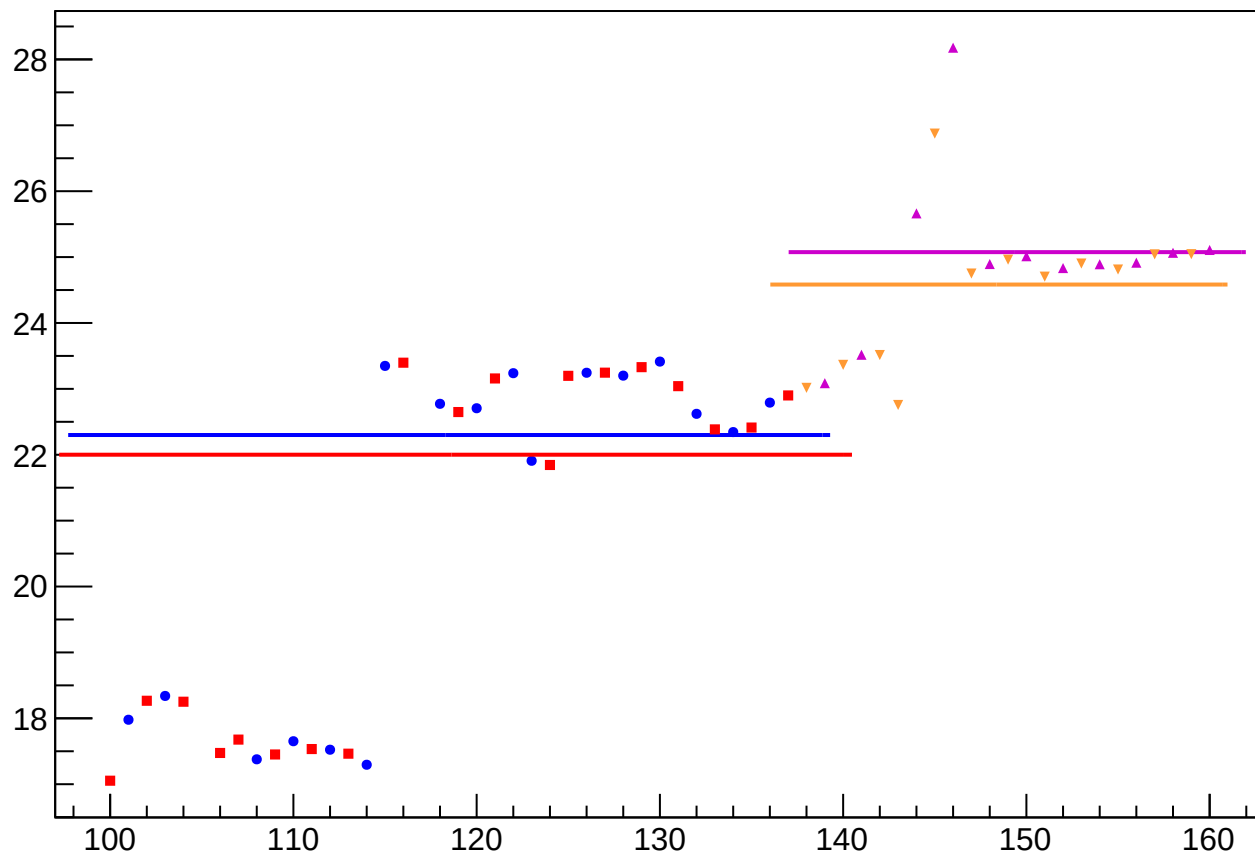
Right Out: 0.014+/-0.000 χ^2/NDF : 2077569.4/18

Left In: 0.011+/-0.000 χ^2/NDF : 395053.9/10

0.011+/-0.000 χ^2/NDF : 2882508.3/28

0.012+/-0.000 χ^2/NDF : 2773946.9/29

yield_sam2_mean vs Slug



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

Left Out: 24.583+/-0.000 χ^2/NDF : 843828075.2/11

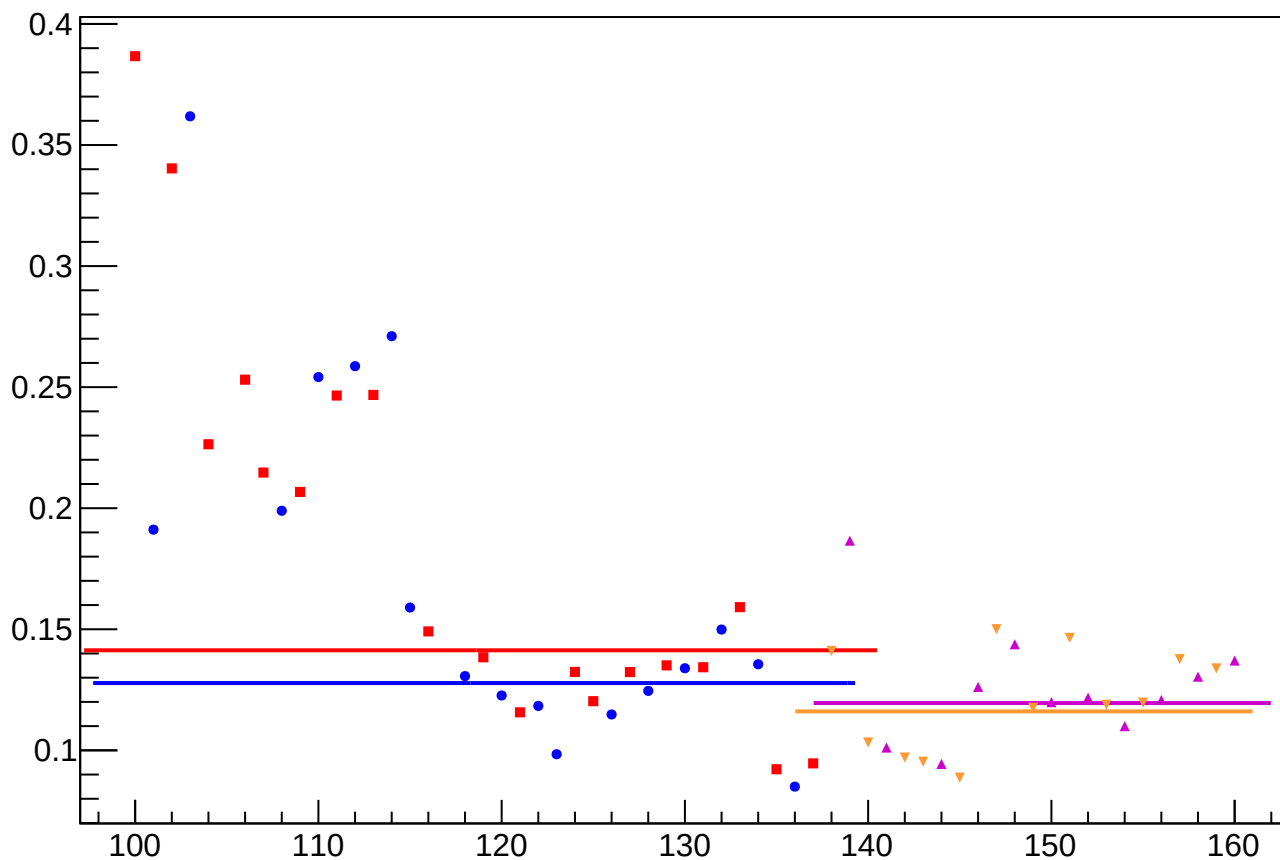
Right Out: 22.001+/-0.000 χ^2/NDF : 1066041325.5/18

Left In: 25.075+/-0.000 χ^2/NDF : 698094302.1/10

23.765+/-0.000 χ^2/NDF : 2818339669.3/28

24.030+/-0.000 χ^2/NDF : 3484157126.8/29

yield_sam2_rms vs Slug



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.116+/-0.000 χ^2/NDF :449479.7/11

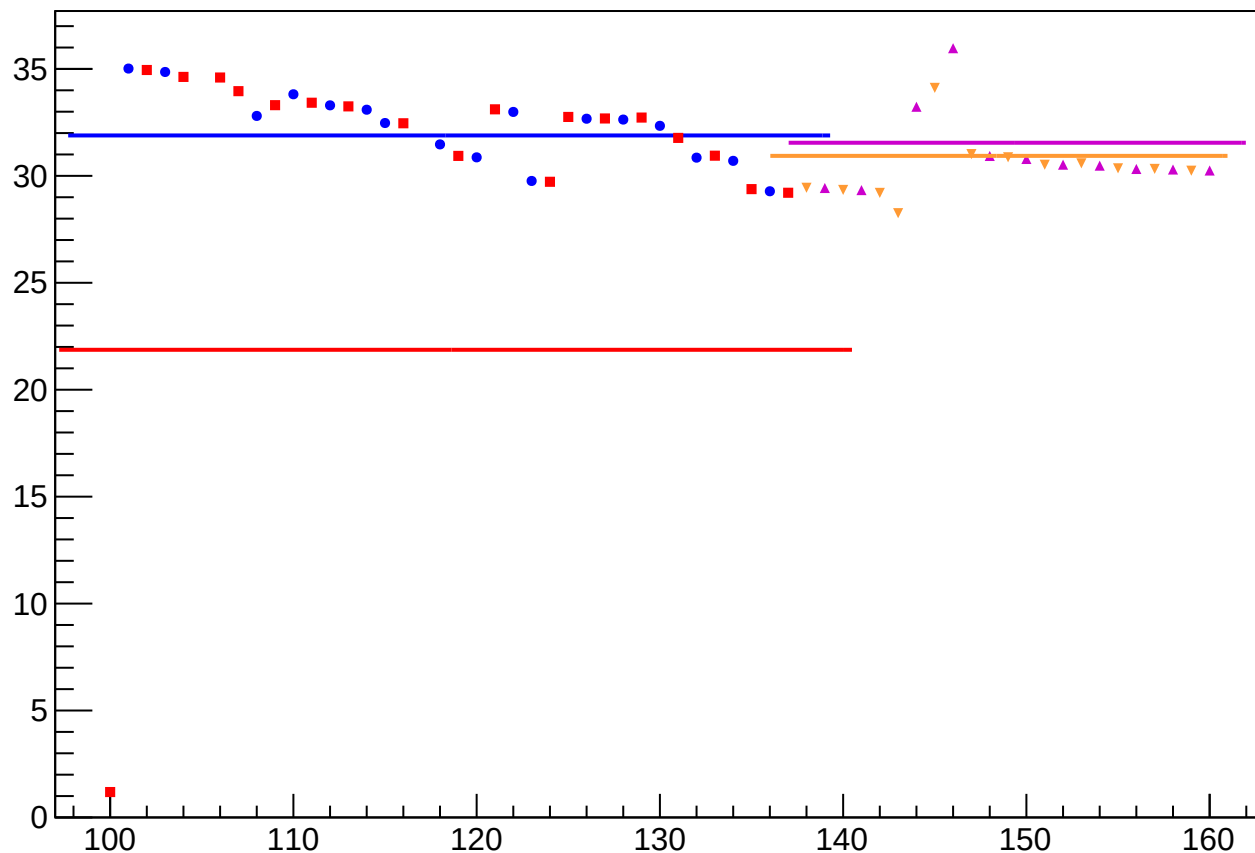
Right Out: 0.141+/-0.000 χ^2/NDF : 1449275.1/18

Left In: 0.120+/-0.000 χ^2/NDF :423694.0/10

0.120+/-0.000 χ^2/NDF : 1996112.5/28

0.127+/-0.000 χ^2/NDF : 2045661.9/29

yield_sam3_mean vs Slug



Right In: 31.889 ± 0.000 $\chi^2/\text{NDF}: 1930403776.3/16$

Left Out: 30.935 ± 0.000 $\chi^2/\text{NDF}: 4388134644.8/11$

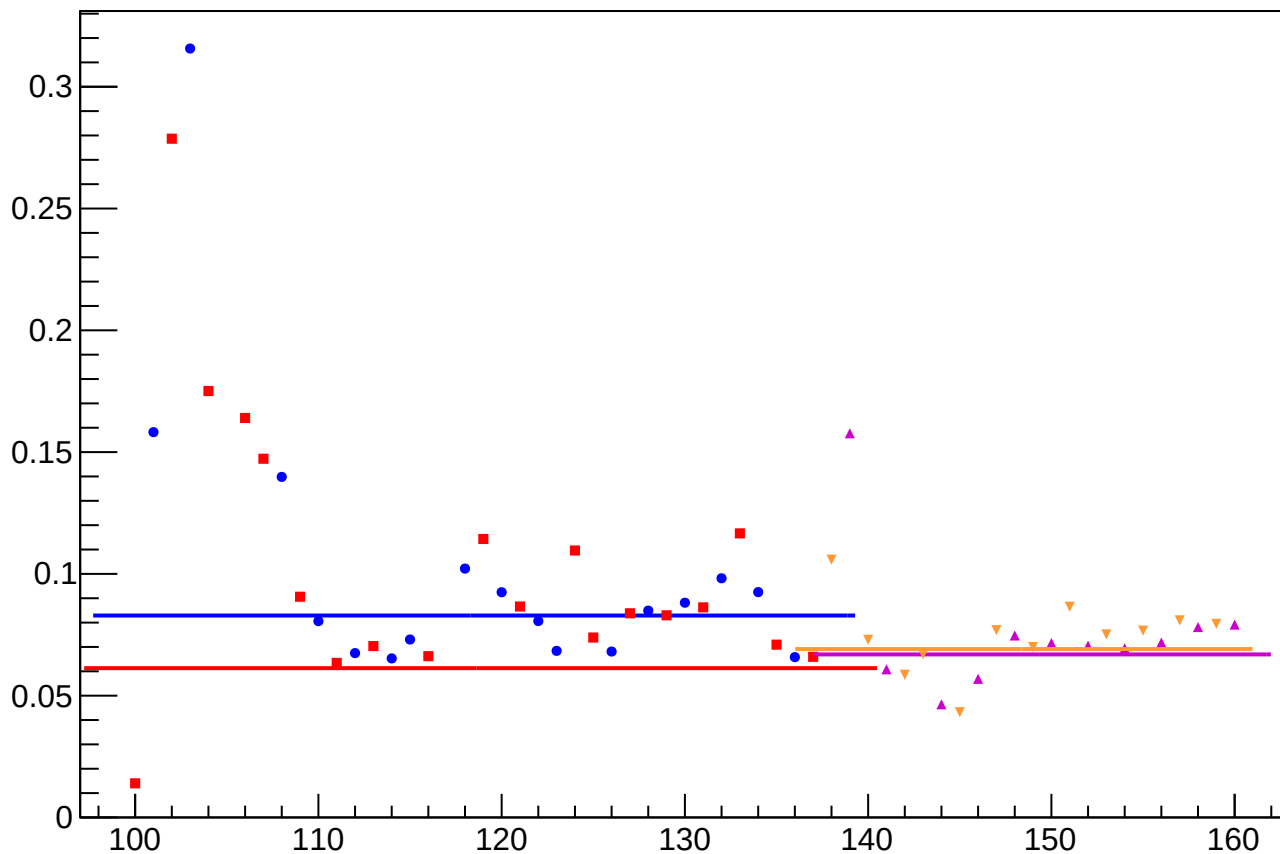
Right Out: 21.867 ± 0.000 $\chi^2/\text{NDF}: 230068750081.7/18$

Left In: 31.548 ± 0.000 $\chi^2/\text{NDF}: 6251955837.6/10$

31.259 ± 0.000 $\chi^2/\text{NDF}: 6747521822.6/28$

27.525 ± 0.000 $\chi^2/\text{NDF}: 294623495777.7/29$

yield_sam3_rms vs Slug



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.069+/-0.000 χ^2/NDF : 683343.6/11

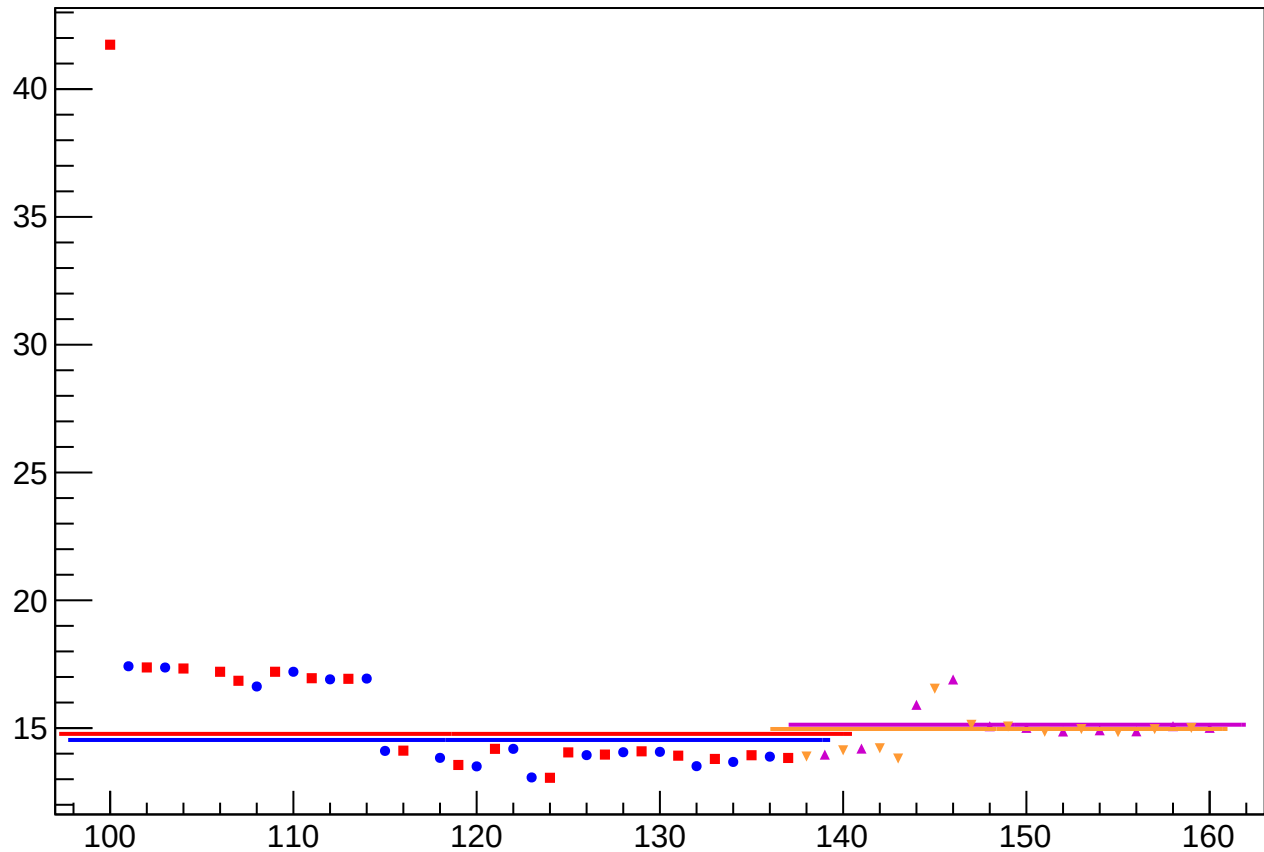
Right Out: 0.061+/-0.000 χ^2/NDF : 3603853.3/18

Left In: 0.067+/-0.000 χ^2/NDF : 836663.8/10

0.074+/-0.000 χ^2/NDF : 2026068.8/28

0.065+/-0.000 χ^2/NDF : 4480144.2/29

yield_sam4_mean vs Slug



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 14.965+/-0.000 χ^2/NDF : 947226647.3/11

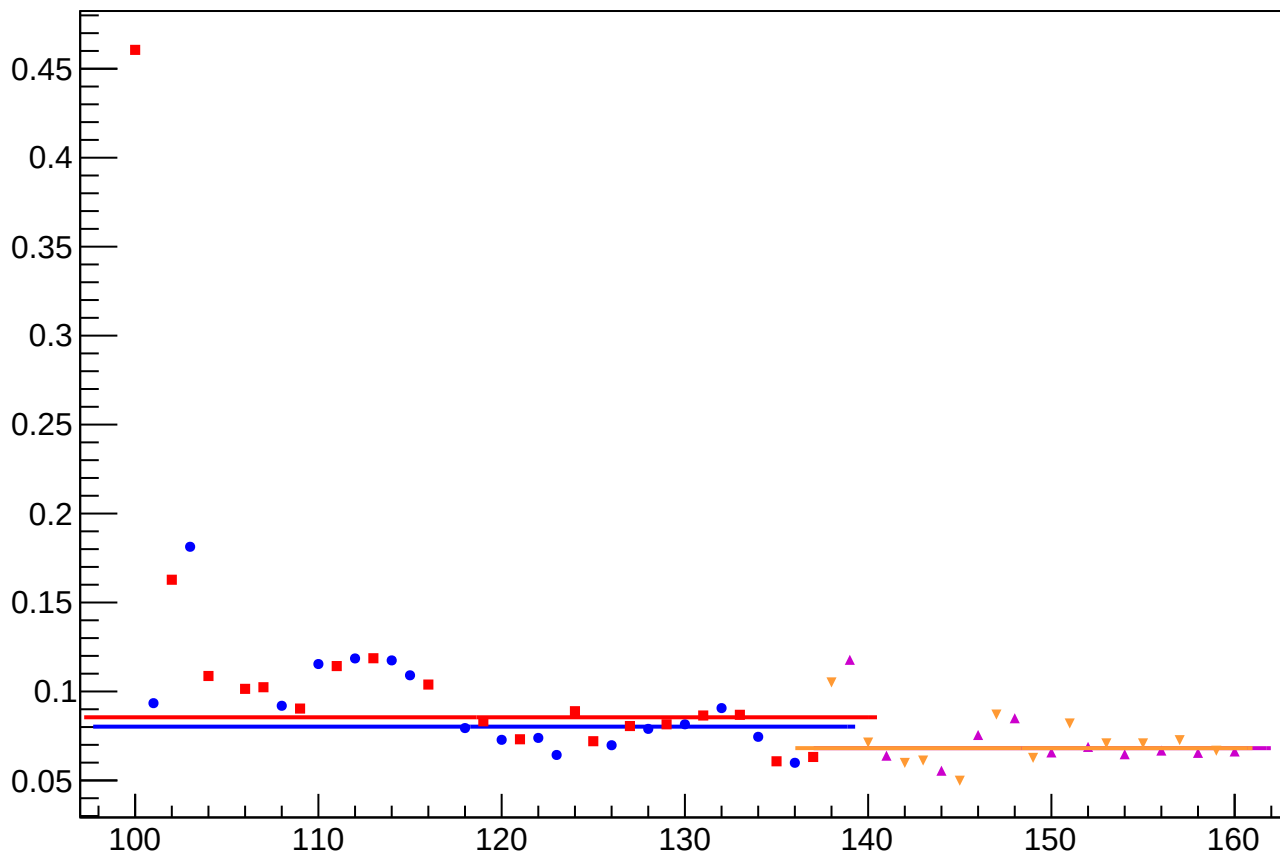
Right Out: 14.774+/-0.000 χ^2/NDF : 1886755709.2/18

Left In: 15.132+/-0.000 χ^2/NDF : 737736961.4/10

14.813+/-0.000 χ^2/NDF : 2520061026.0/28

15.013+/-0.000 χ^2/NDF : 2693546050.6/29

yield_sam4_rms vs Slug



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.068+/-0.000 χ^2/NDF : 468194.0/11

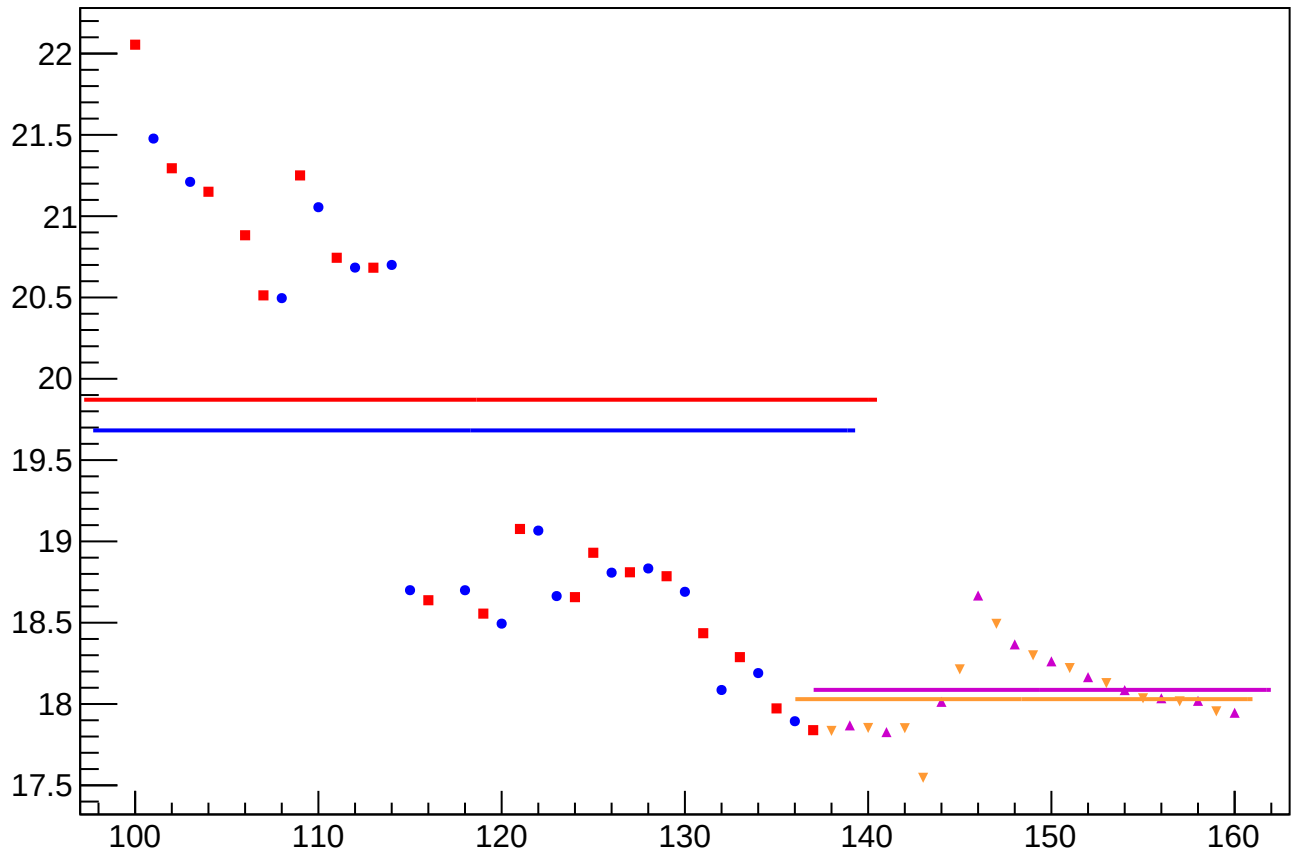
Right Out: 0.085+/-0.000 χ^2/NDF : 738043.0/18

Left In: 0.068+/-0.000 χ^2/NDF : 403771.3/10

0.072+/-0.000 χ^2/NDF : 1408697.2/28

0.074+/-0.000 χ^2/NDF : 1465592.2/29

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 18.030+/-0.000 χ^2/NDF : 403170844.6/11

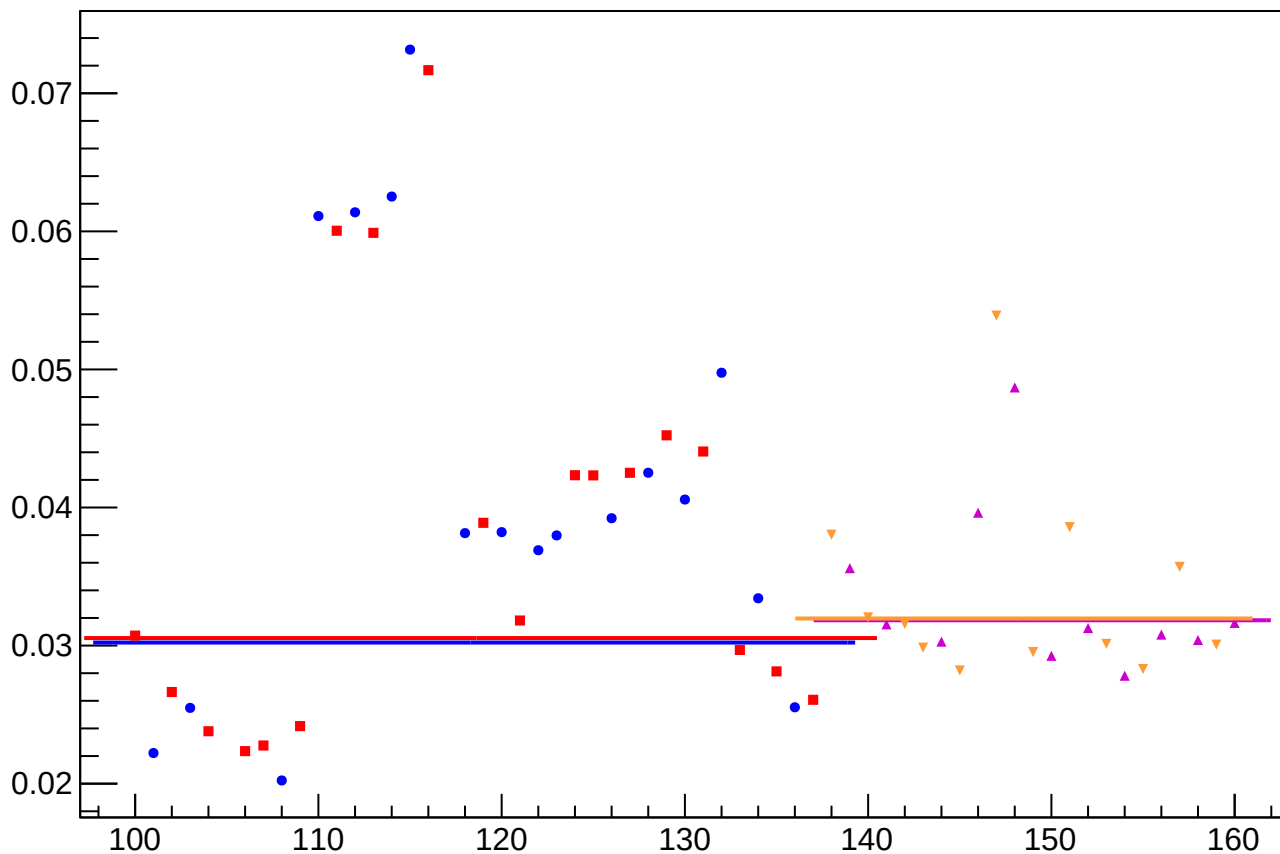
18.738+/-0.000 χ^2/NDF : 22229023455.6/28

Right Out: 19.871+/-0.000 χ^2/NDF : 11324266794.7/18

18.853+/-0.000 χ^2/NDF : 23144658208.0/29

Left In: 18.087+/-0.000 χ^2/NDF : 328968745.7/10

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.032+/-0.000 χ^2/NDF : 423815.2/11

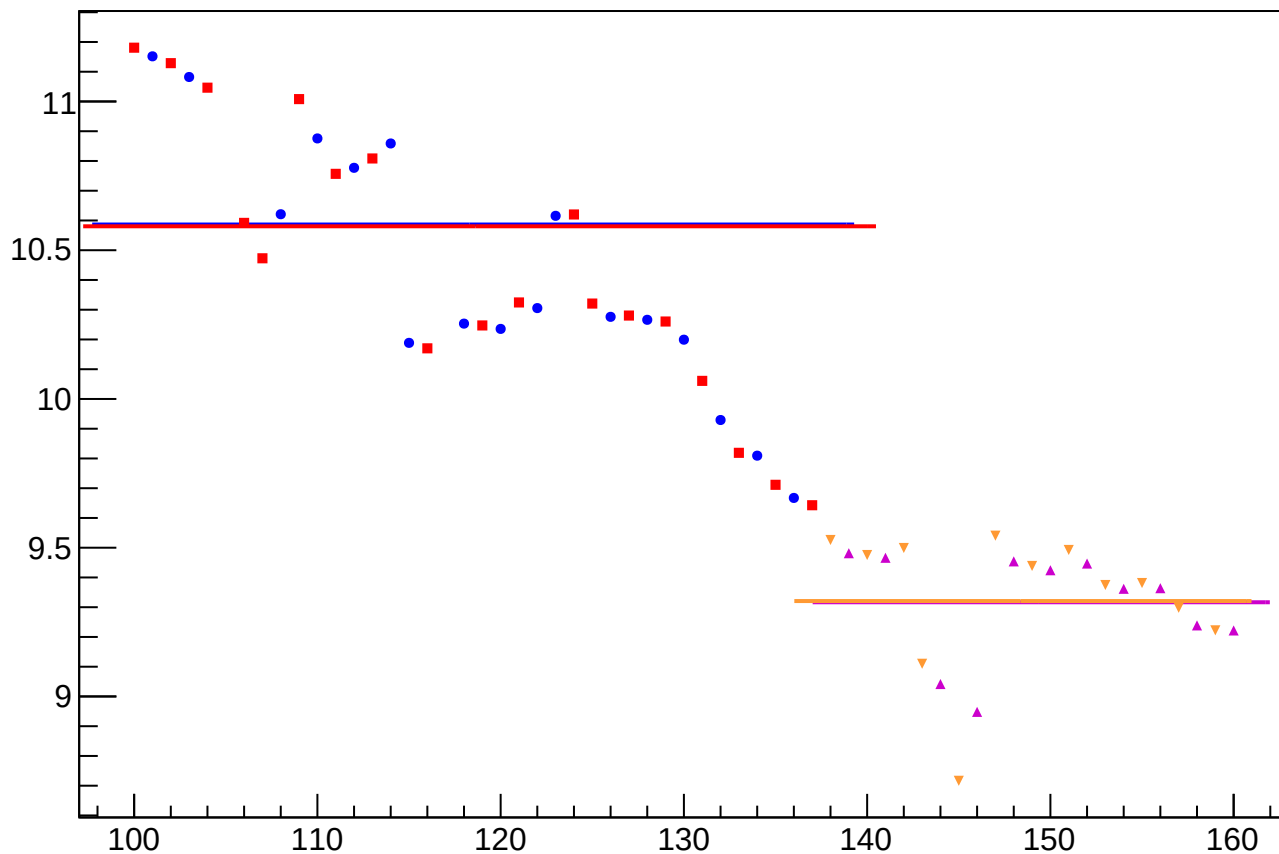
Right Out: 0.031+/-0.000 χ^2/NDF : 1189734.1/18

Left In: 0.032+/-0.000 χ^2/NDF : 314741.7/10

0.031+/-0.000 χ^2/NDF : 1769573.2/28

0.031+/-0.000 χ^2/NDF : 1516456.8/29

yield_sam6_mean vs Slug



Right In: 10.586 +/- 0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.321 +/- 0.000 χ^2/NDF : 1059822276.7/11

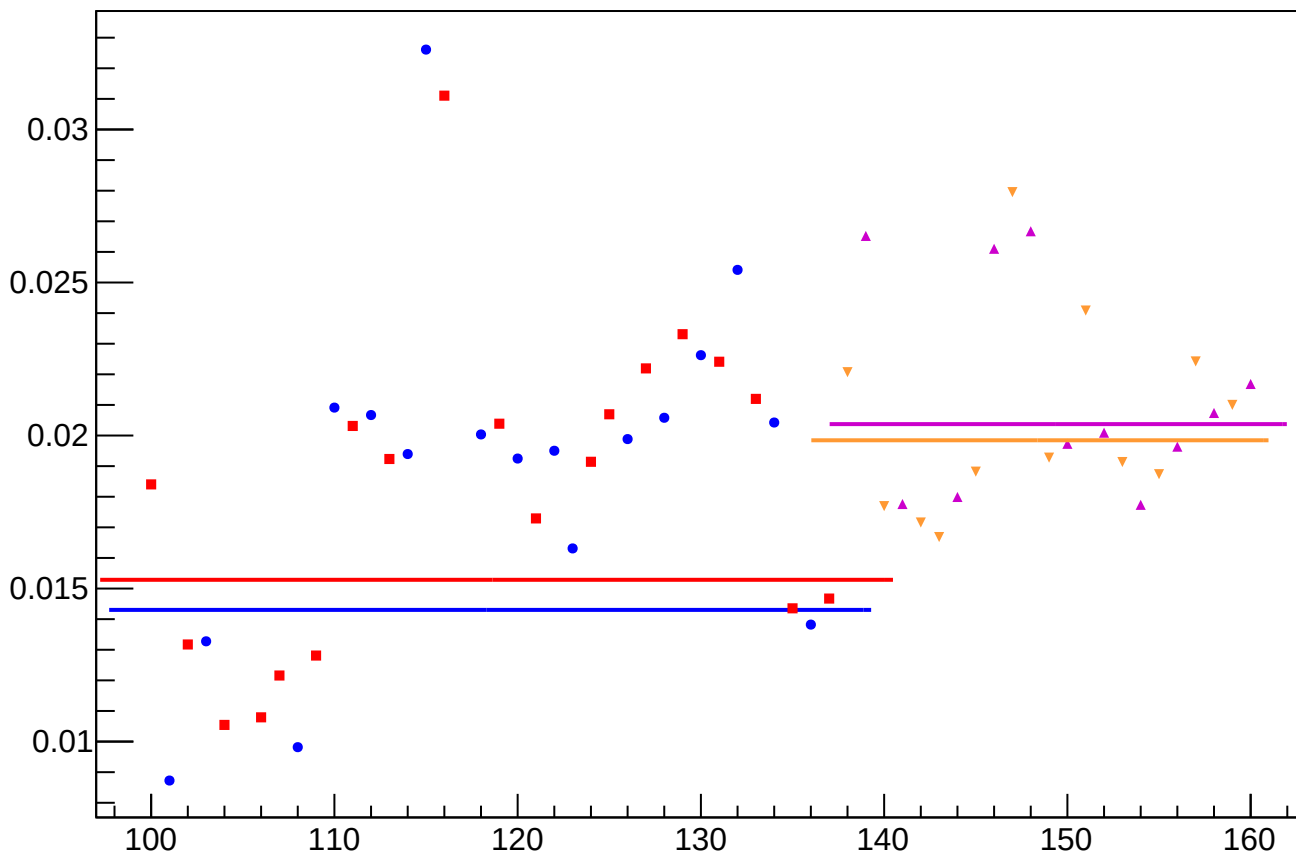
Right Out: 10.580 +/- 0.000 χ^2/NDF : 5763852721.2/18

Left In: 9.317 +/- 0.000 χ^2/NDF : 517089733.8/10

10.031 +/- 0.000 χ^2/NDF : 26785681073.8/28

10.029 +/- 0.000 χ^2/NDF : 23893138172.0/29

yield_sam6_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1408012.0/16

Left Out: 0.020+/-0.000 χ^2/NDF :303462.6/11

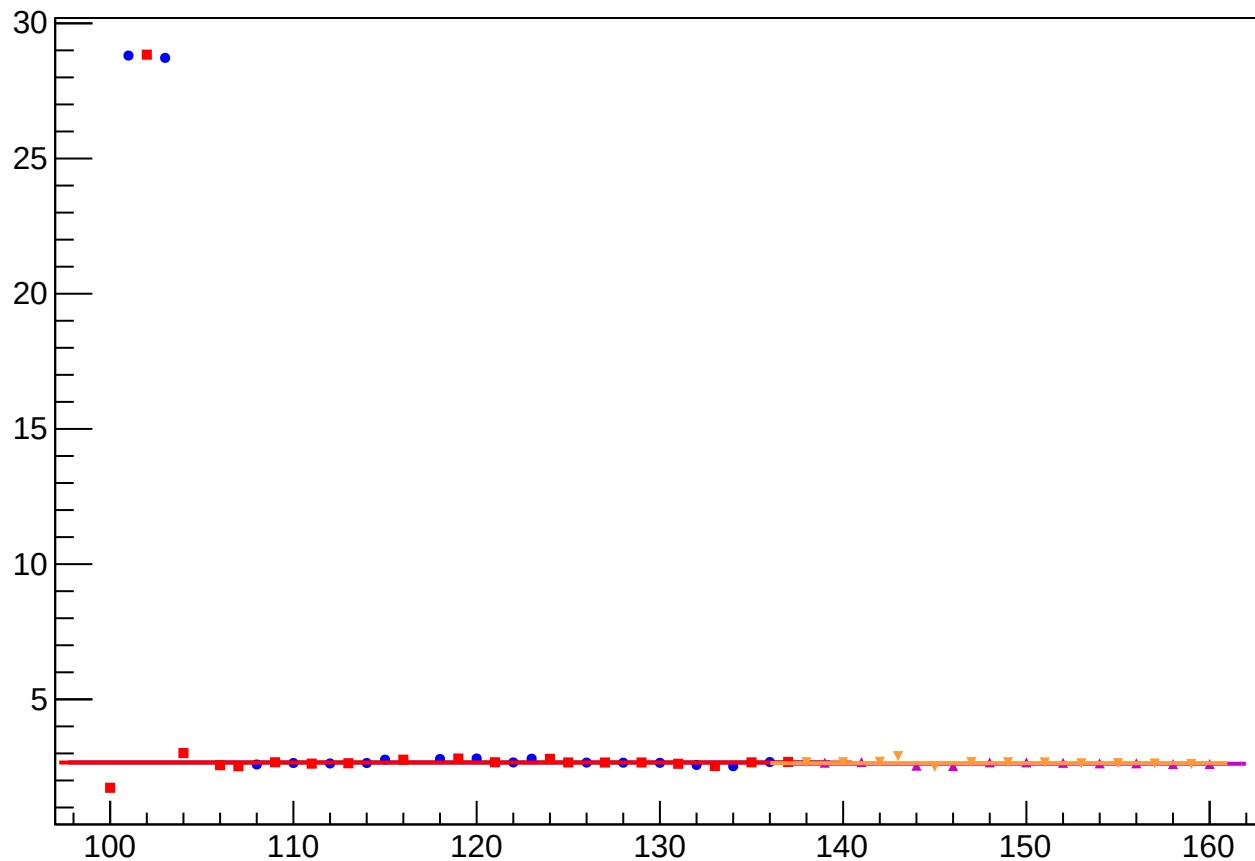
Right Out: 0.015+/-0.000 χ^2/NDF : 989017.0/18

Left In: 0.020+/-0.000 χ^2/NDF :335937.5/10

0.017+/-0.000 χ^2/NDF : 2413388.5/28

0.018+/-0.000 χ^2/NDF : 1895693.6/29

yield_sam7_mean vs Slug



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.638+/-0.000 χ^2/NDF : 11496075102.1/11

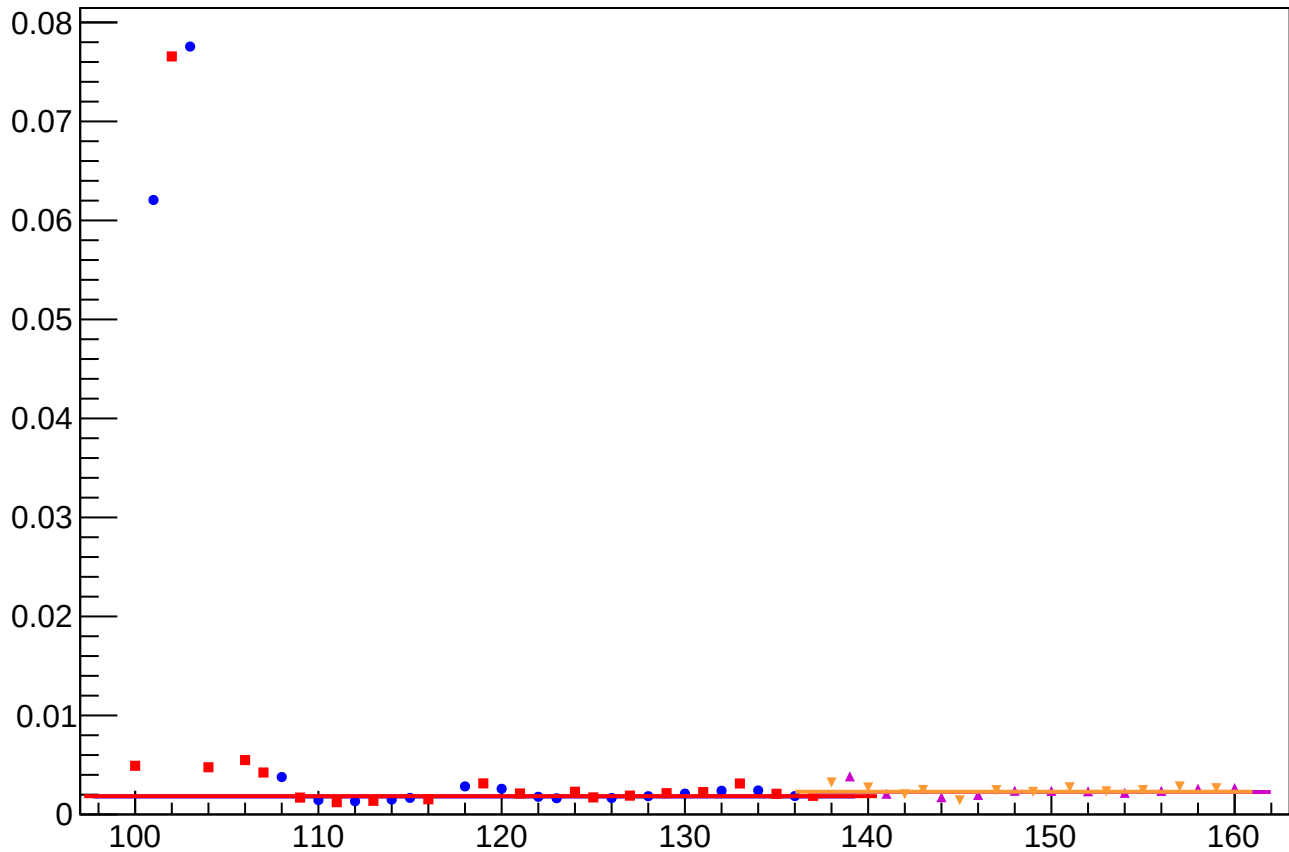
Right Out: 2.664+/-0.000 χ^2/NDF : 70398125461.7/18

Left In: 2.618+/-0.000 χ^2/NDF : 3881729935.7/10

2.652+/-0.000 χ^2/NDF : 175180068141.4/28

2.641+/-0.000 χ^2/NDF : 75729691408.1/29

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2661372.0/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF:693199.2/11

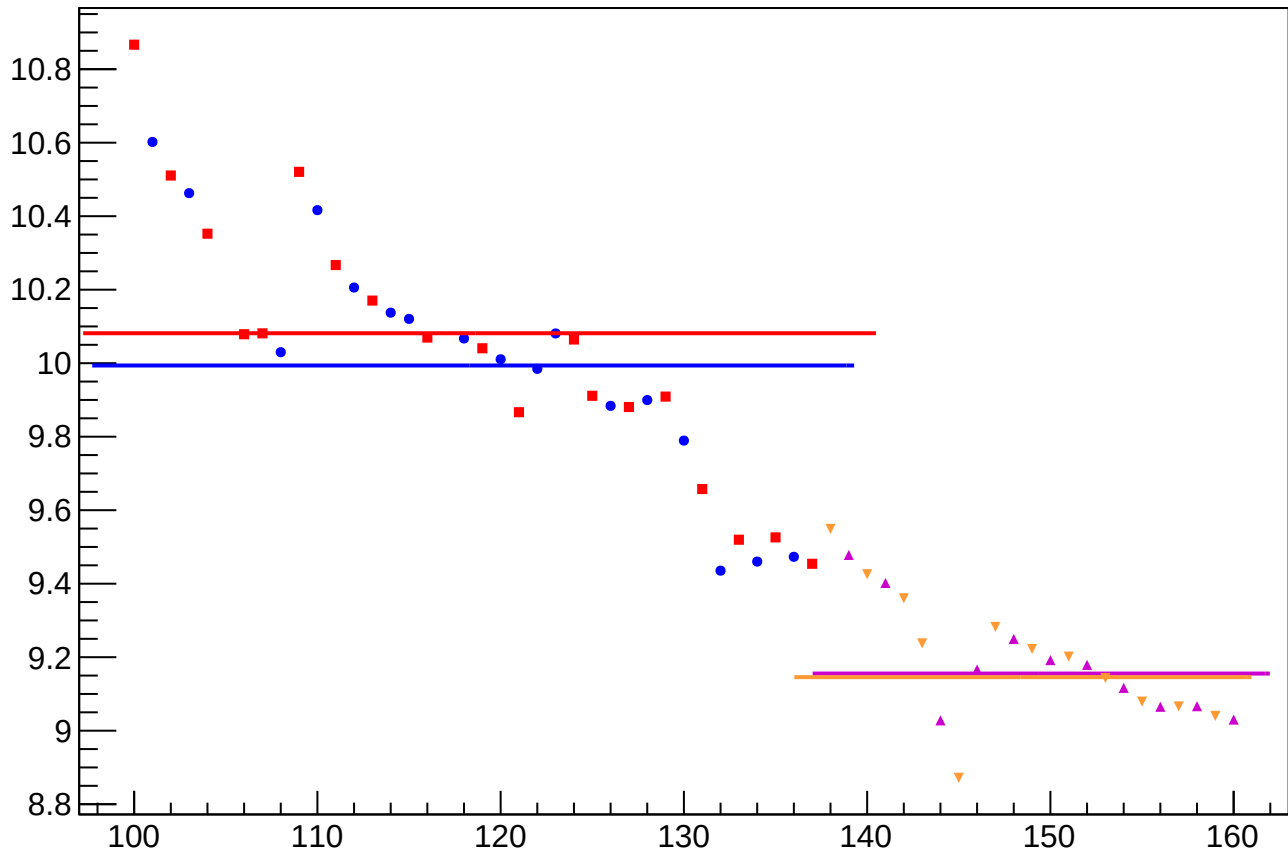
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2331228.4/18

Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:465901.6/10

0.002 $\pm$ 0.000 χ^2 /NDF: 3662890.2/28

0.002 $\pm$ 0.000 χ^2 /NDF: 3048351.6/29

yield_sam8_mean vs Slug



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 9.146+/-0.000 χ^2/NDF : 5055074552.5/11

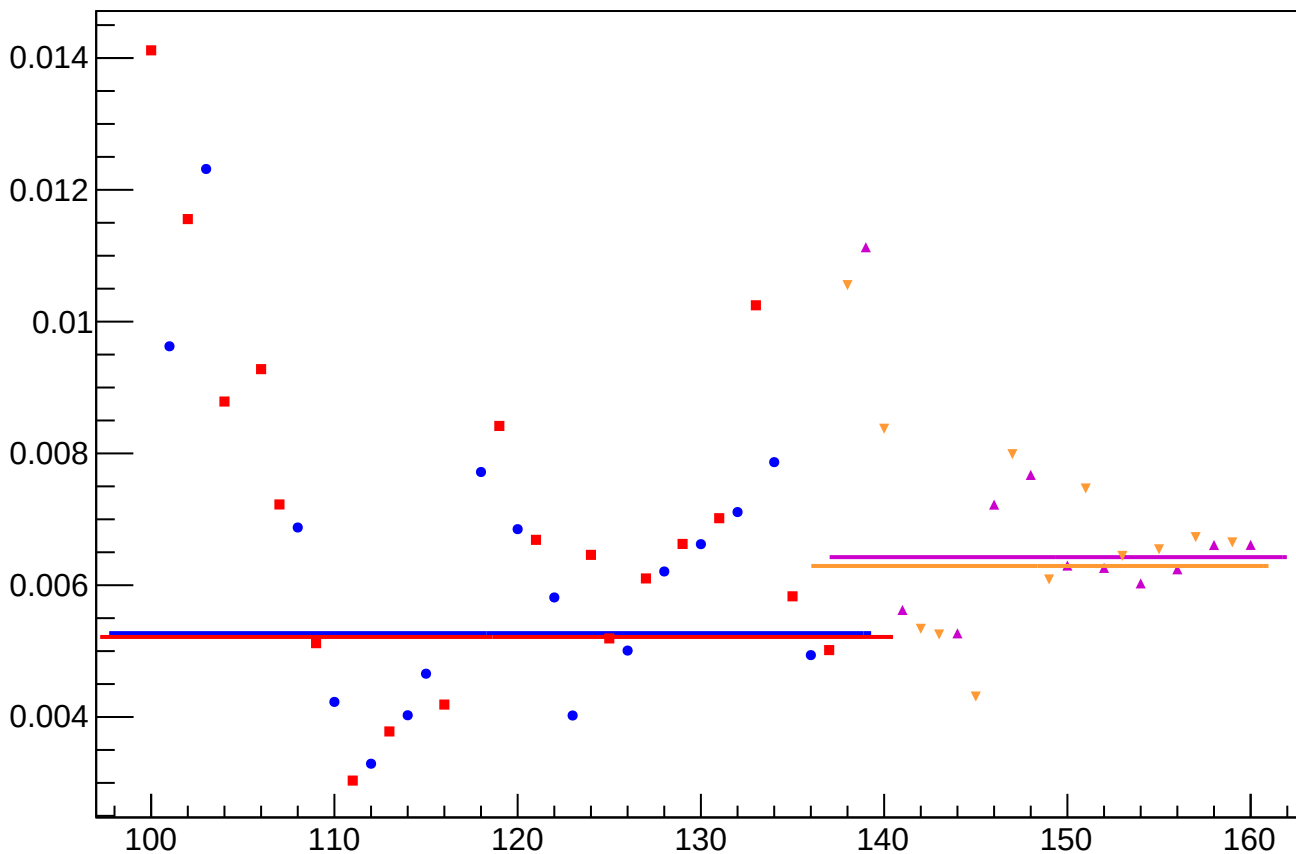
9.575+/-0.000 χ^2/NDF : 88116289893.9/28

Right Out: 10.082+/-0.000 χ^2/NDF : 15502695798.7/18

9.637+/-0.000 χ^2/NDF : 97311241328.1/29

Left In: 9.155+/-0.000 χ^2/NDF : 2754024028.9/10

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1245563.1/16

Left Out: 0.006+/-0.000 χ^2/NDF : 667027.3/11

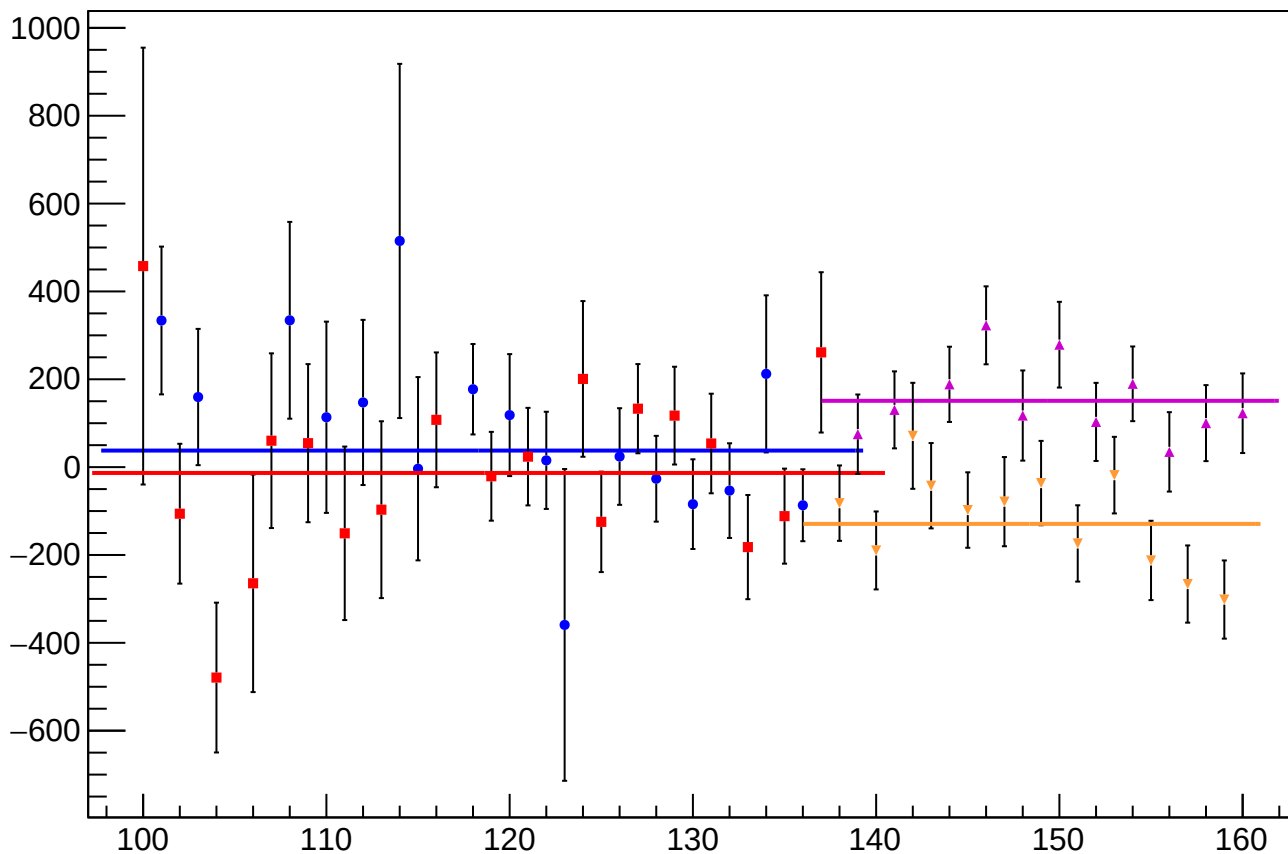
Right Out: 0.005+/-0.000 χ^2/NDF : 1657948.7/18

Left In: 0.006+/-0.000 χ^2/NDF : 392341.7/10

0.006+/-0.000 χ^2/NDF : 2098091.2/28

0.006+/-0.000 χ^2/NDF : 2320840.0/29

reg_asym_sam1_mean vs Slug



Right In: 37.694 ± 32.253 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -129.228 ± 26.529 $\chi^2/\text{NDF}: 14.6/11$

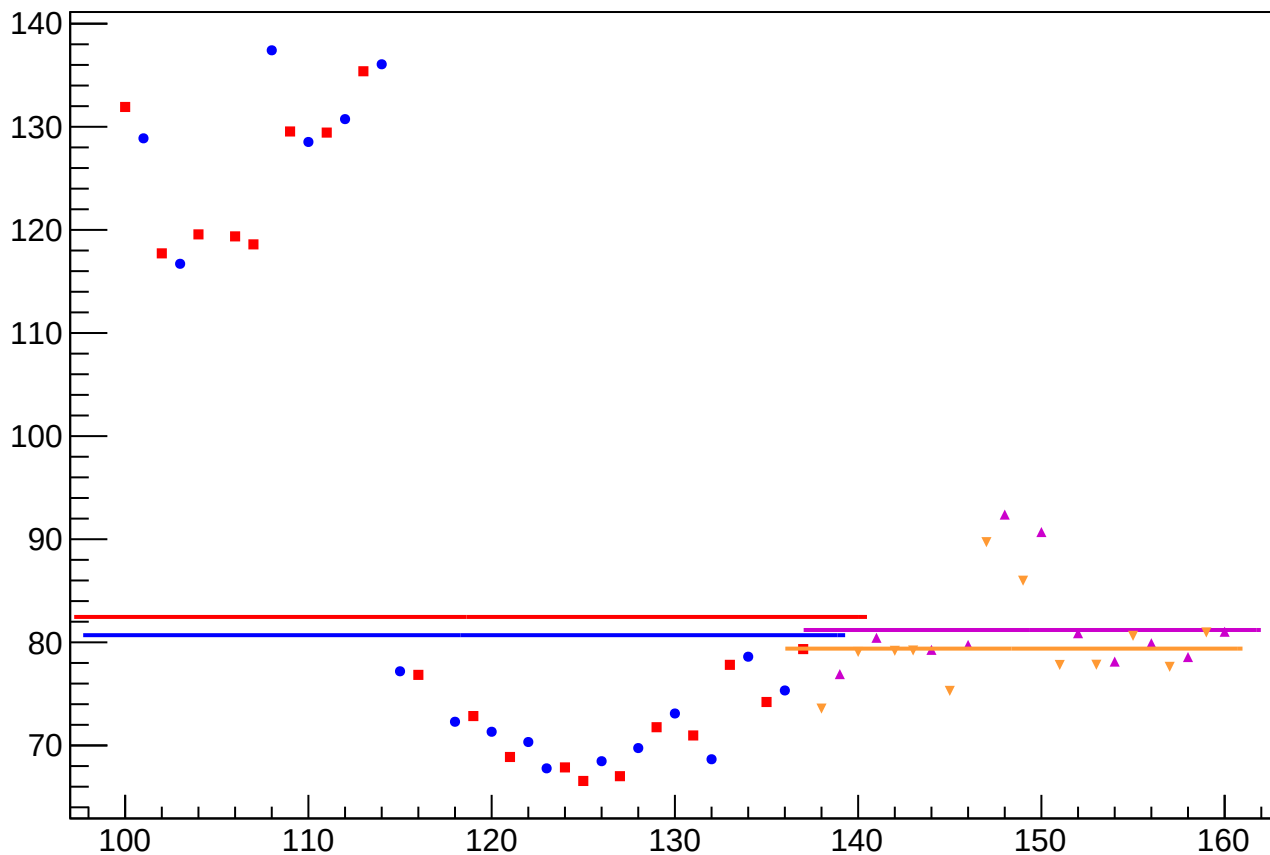
Right Out: -13.278 ± 32.066 $\chi^2/\text{NDF}: 22.7/18$

Left In: 150.980 ± 27.132 $\chi^2/\text{NDF}: 9.1/10$

-61.870 ± 20.489 $\chi^2/\text{NDF}: 47.2/28$

82.448 ± 20.713 $\chi^2/\text{NDF}: 47.1/29$

reg_asym_sam1_rms vs Slug



Right In: 80.694+/-0.023 χ^2/NDF : 814026.4/16

Left Out: 79.391+/-0.019 χ^2/NDF : 46986.3/11

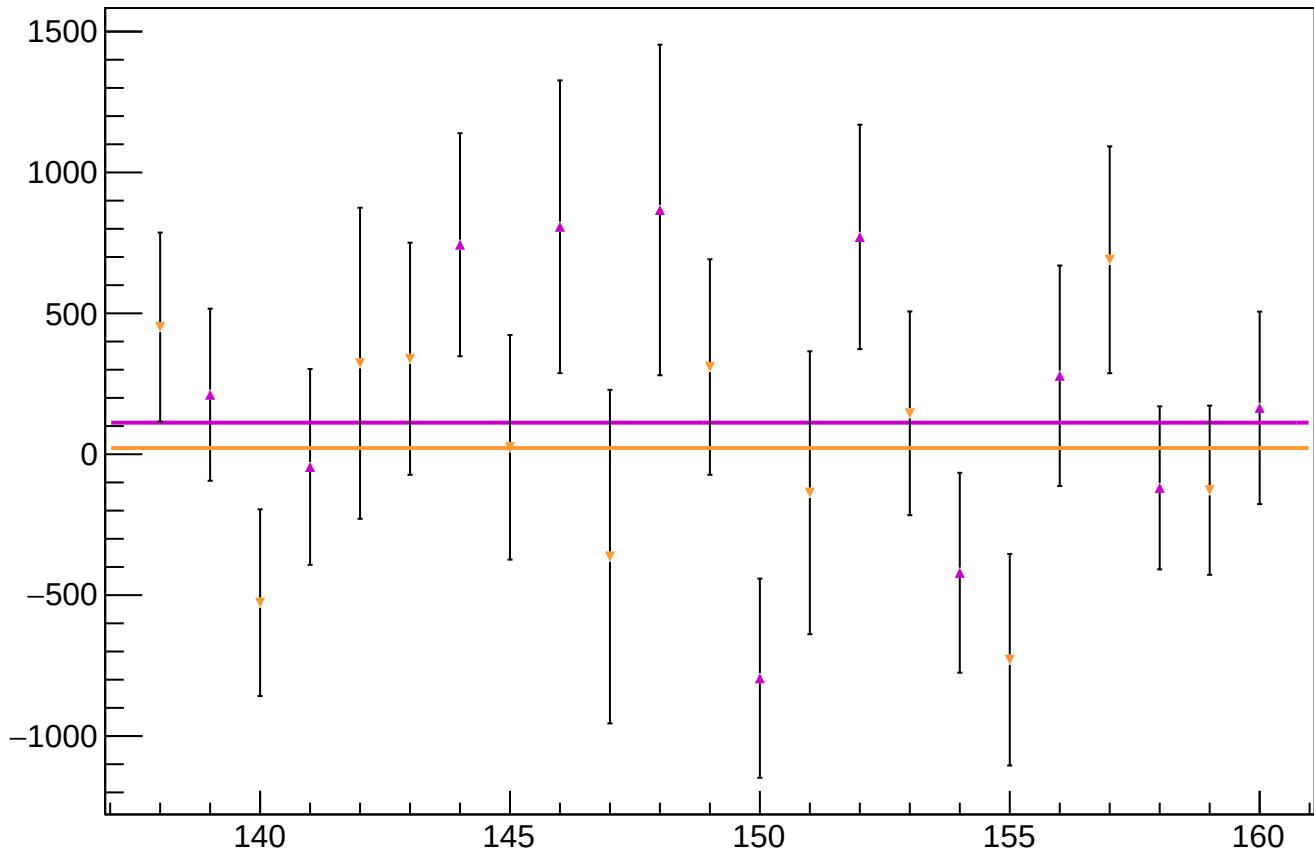
Right Out: 82.464+/-0.023 χ^2/NDF : 914878.0/18

Left In: 81.198+/-0.019 χ^2/NDF : 53782.8/10

79.917+/-0.014 χ^2/NDF : 862960.1/28

81.726+/-0.015 χ^2/NDF : 970477.6/29

asym_sam1_correction_mean vs Slug



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

Left Out: 22.015+/-112.388 χ^2/NDF :13.5/11

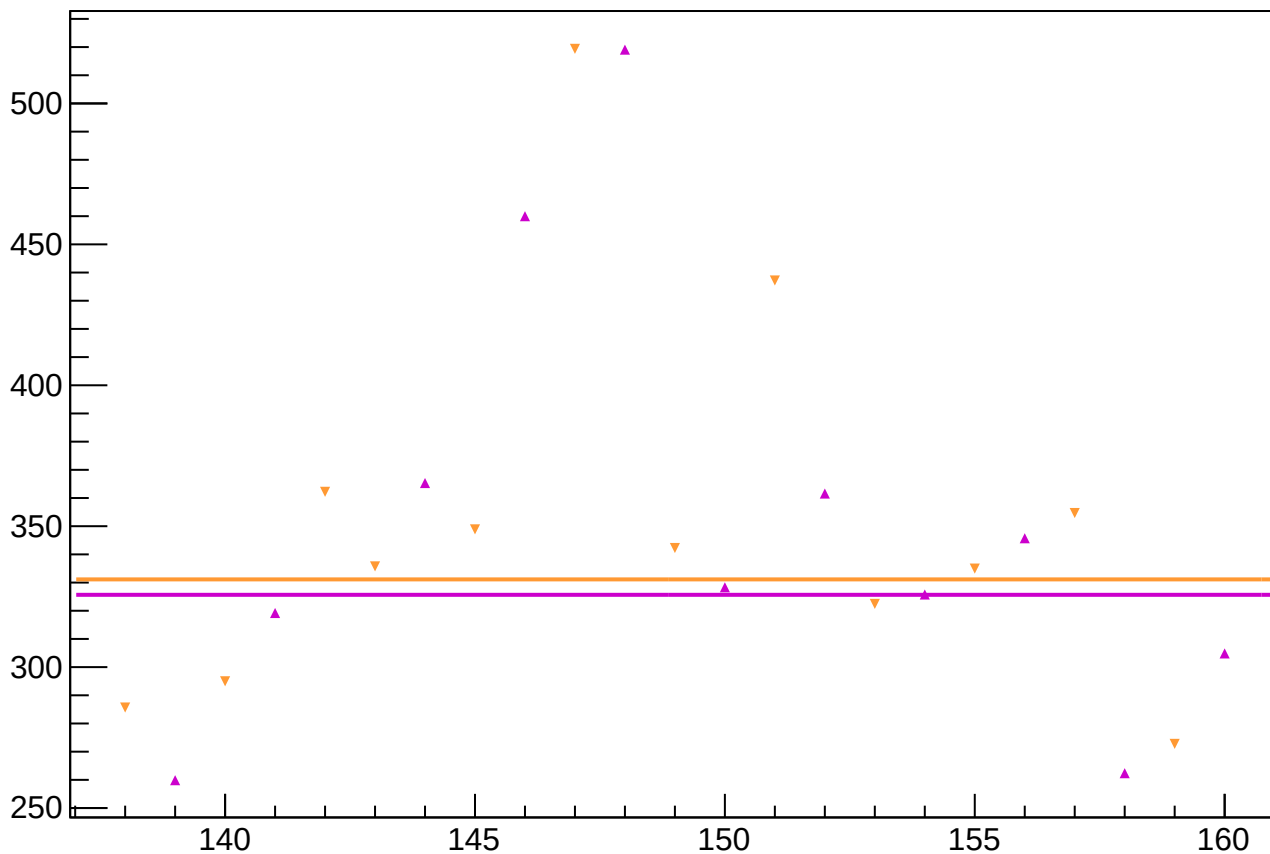
22.015+/-112.388 χ^2/NDF : 13.5/11

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

112.144+/-110.888 χ^2/NDF : 18.7/10

Left In: 112.144+/-110.888 χ^2/NDF :18.7/10

asym_sam1_correction_rms vs Slug



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

Left Out: 331.127+/-0.079 χ^2/NDF : 448273.7/11

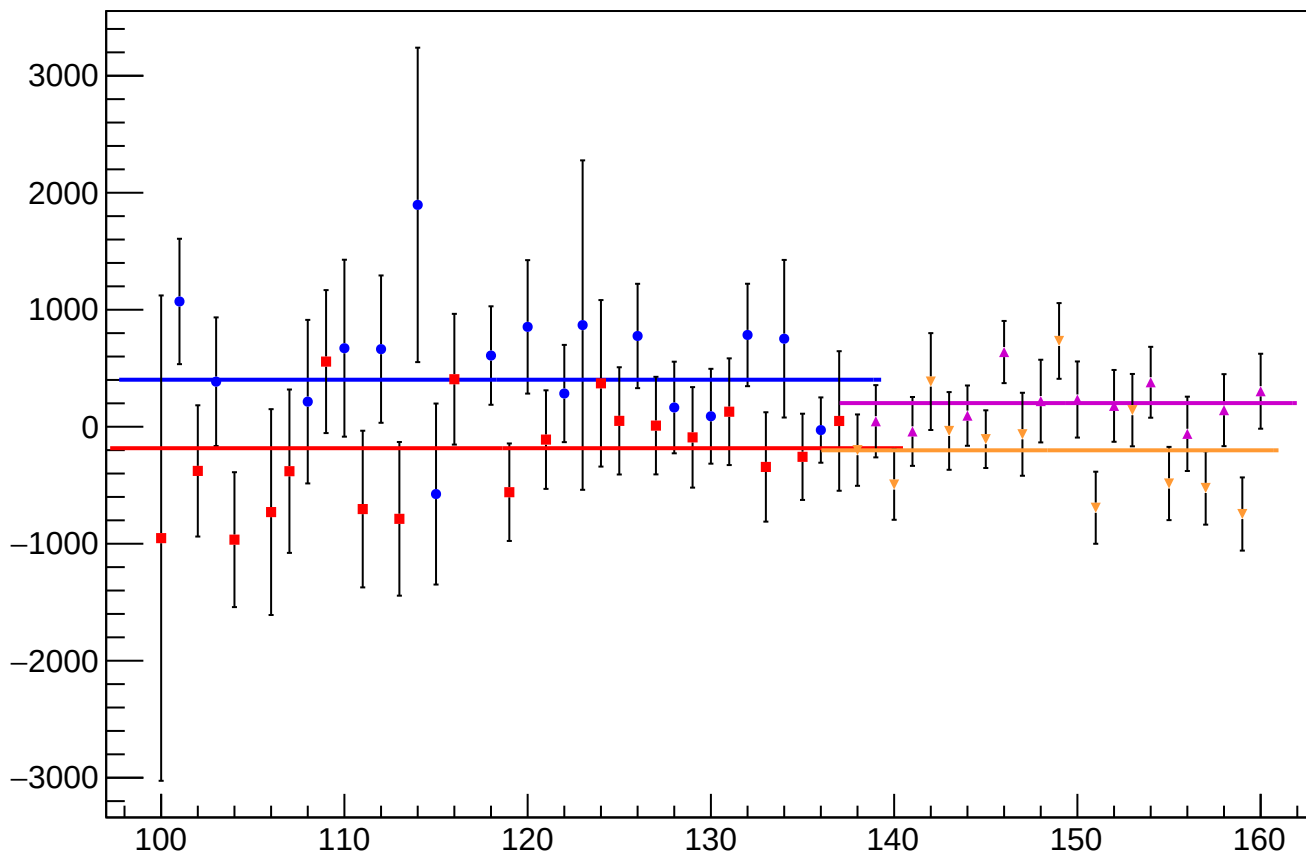
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 325.654+/-0.078 χ^2/NDF : 589686.6/10

331.127+/-0.079 χ^2/NDF : 448273.7/11

325.654+/-0.078 χ^2/NDF : 589686.6/10

reg_asym_sam2_mean vs Slug



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: -201.478+/-90.474 χ^2/NDF : 20.5/11

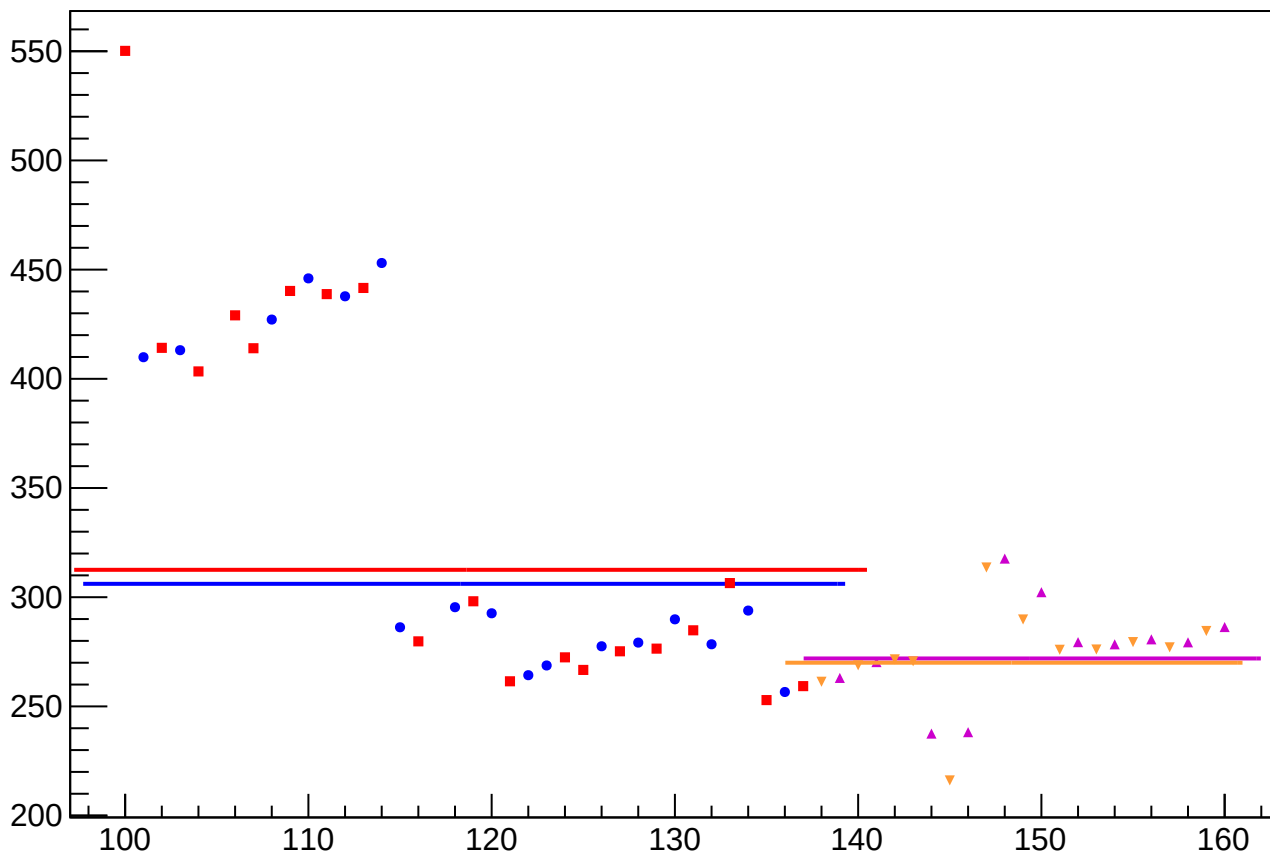
Right Out: -183.481+/-120.338 χ^2/NDF : 9.3/18

Left In: 202.111+/-91.125 χ^2/NDF : 5.0/10

14.773+/-72.469 χ^2/NDF : 47.4/28

61.586+/-72.647 χ^2/NDF : 20.9/29

reg_asym_sam2_rms vs Slug



Right In: 306.123 ± 0.086 χ^2/NDF : 508435.8/16

Left Out: 270.005 ± 0.064 χ^2/NDF : 143552.8/11

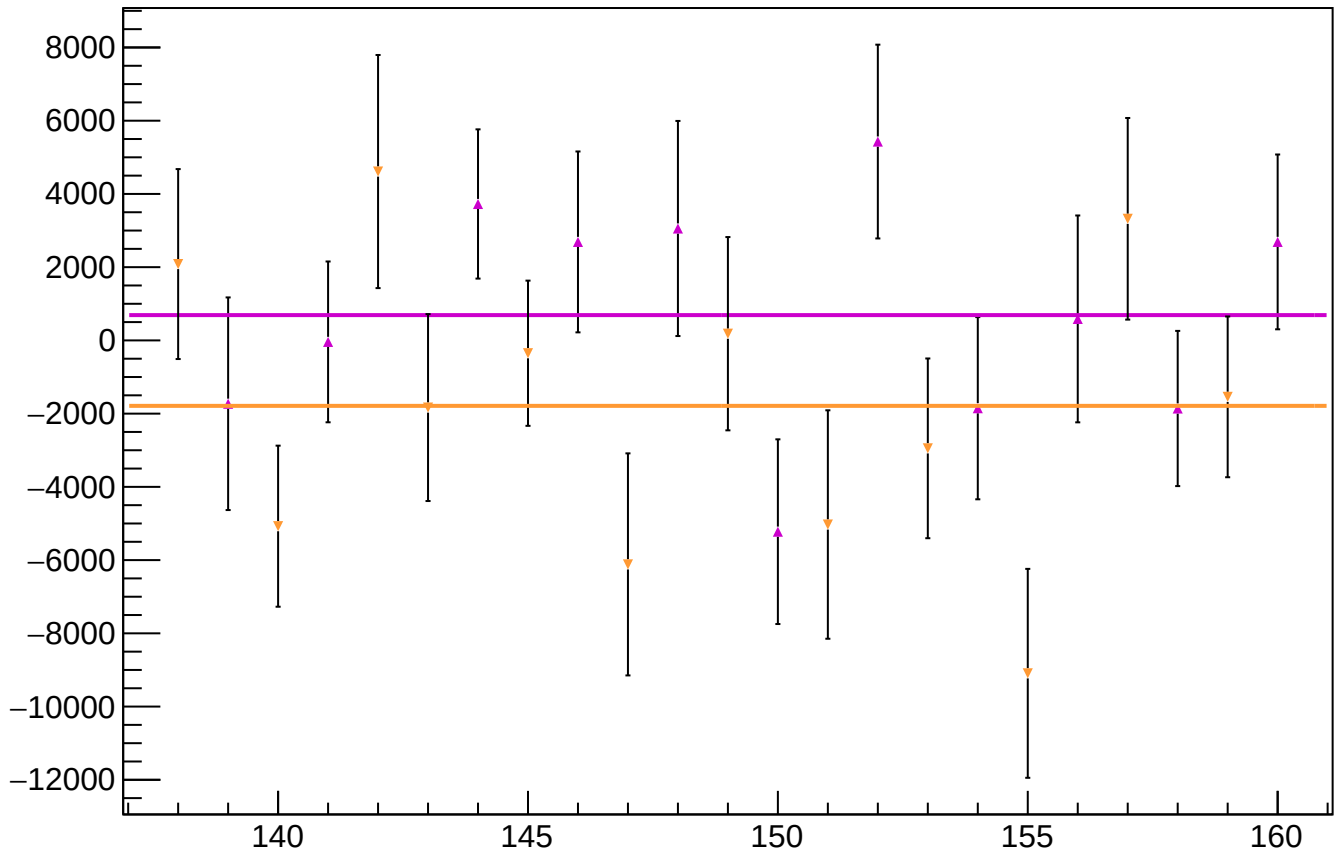
Right Out: 312.543 ± 0.085 χ^2/NDF : 625769.8/18

Left In: 271.947 ± 0.064 χ^2/NDF : 129358.9/10

282.950 ± 0.051 χ^2/NDF : 766231.6/28

286.742 ± 0.051 χ^2/NDF : 899782.6/29

asym_sam2_correction_mean vs Slug



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

Left Out: -1787.555+/-736.137 χ^2/NDF : 22.9/11

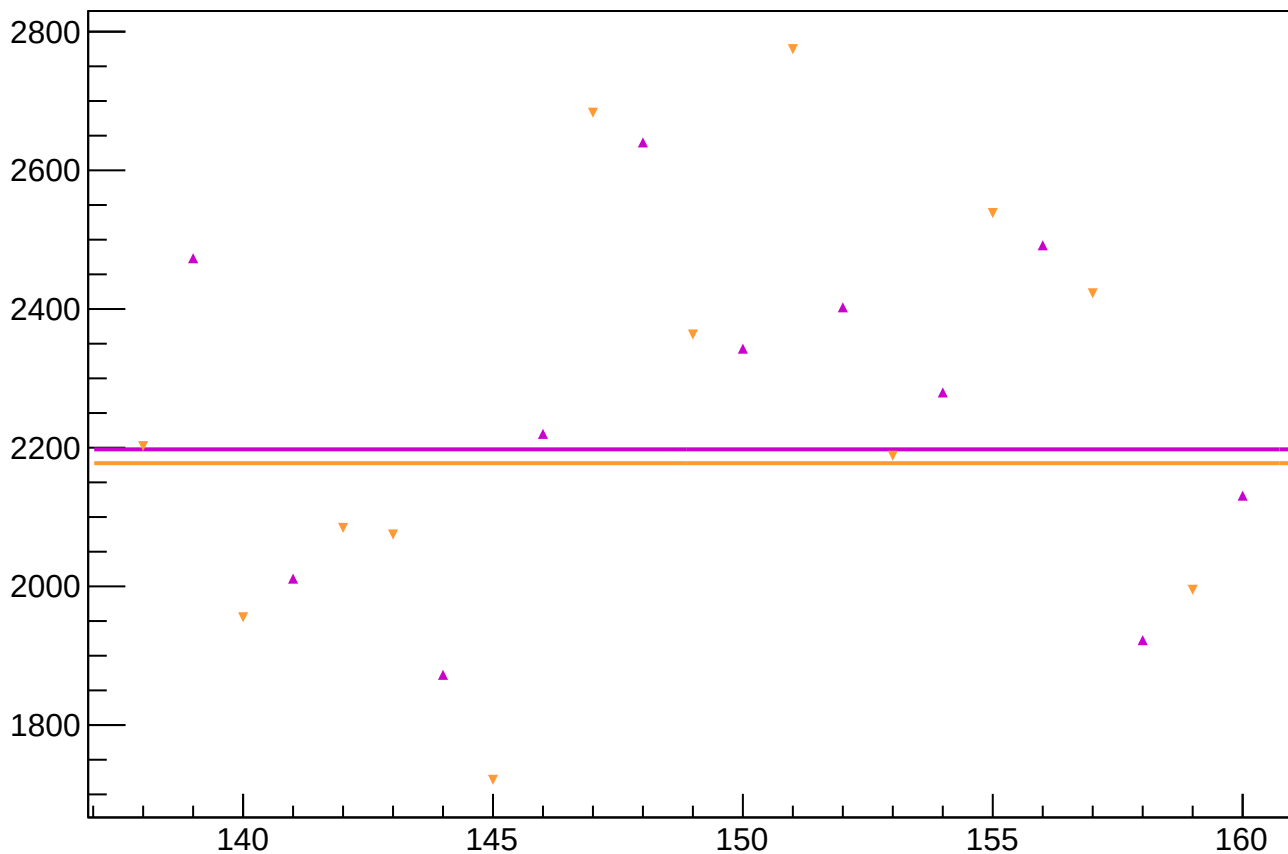
-1787.555+/-736.137 χ^2/NDF : 22.9/11

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

690.843+/-738.862 χ^2/NDF : 16.2/10

Left In: 690.843+/-738.862 χ^2/NDF : 16.2/10

asym_sam2_correction_rms vs Slug



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

Left Out: 2177.672+/-0.521 χ^2/NDF : 332049.5/11

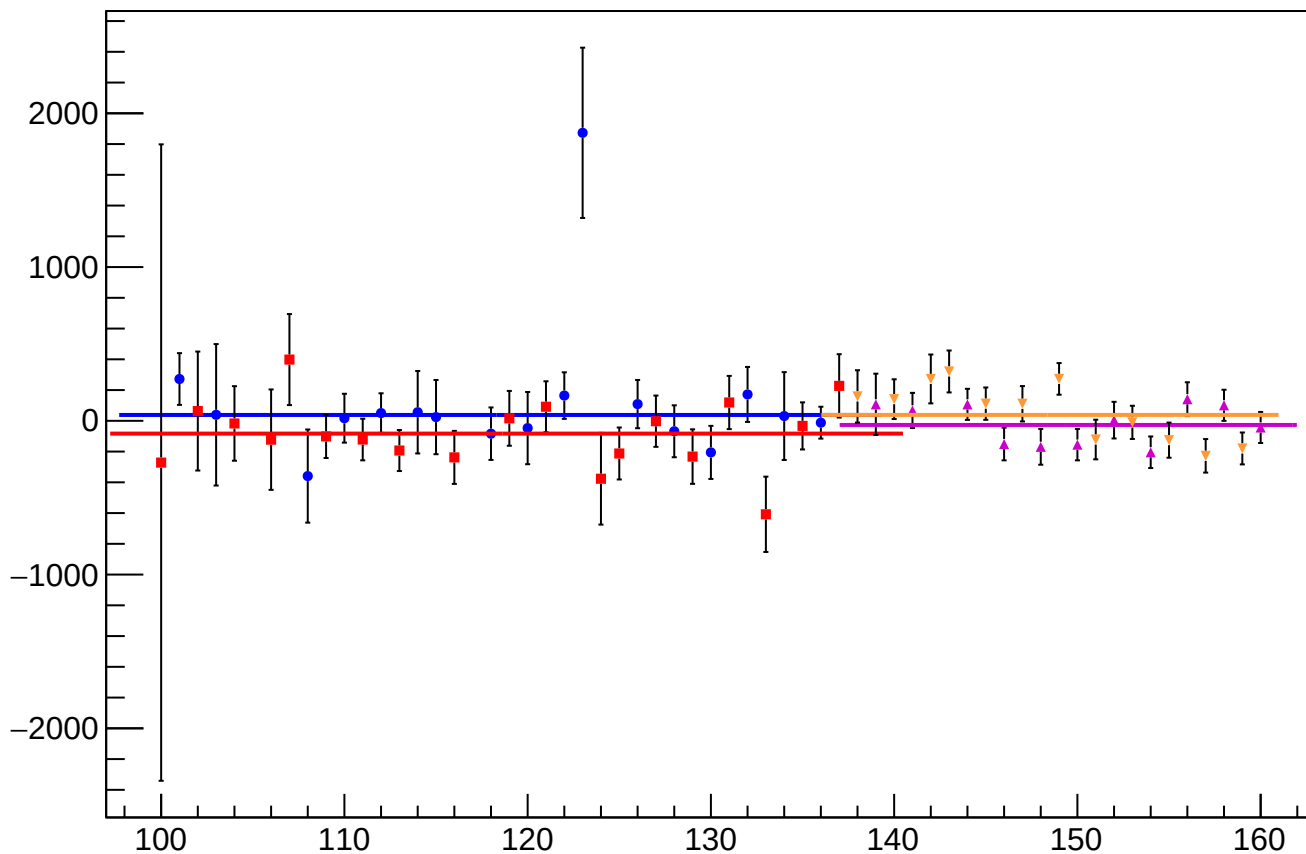
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2197.622+/-0.522 χ^2/NDF : 206738.8/10

2177.672+/-0.521 χ^2/NDF : 332049.5/11

2197.622+/-0.522 χ^2/NDF : 206738.8/10

reg_asym_sam3_mean vs Slug



Right In: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 38.447+/-34.340 χ^2/NDF : 27.8/11

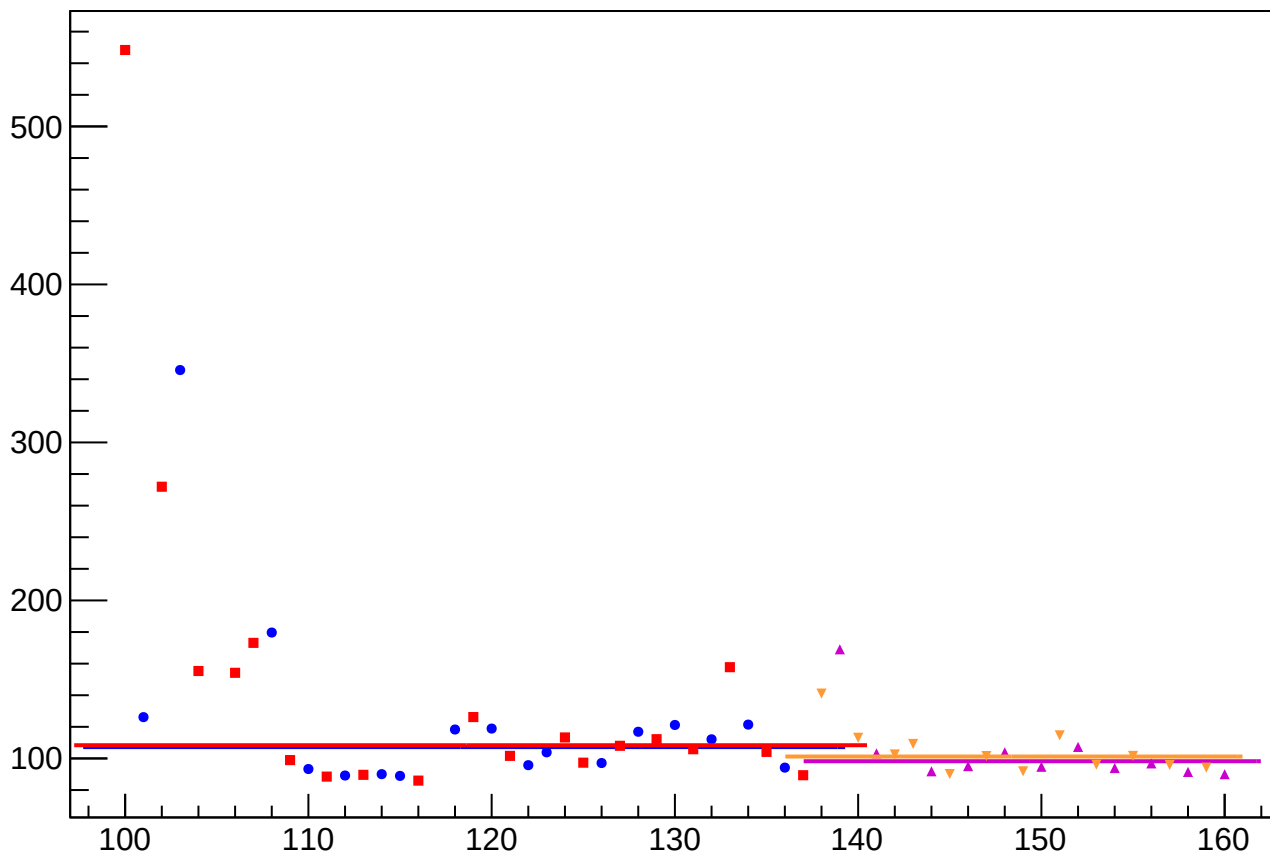
Right Out: -83.101+/-43.098 χ^2/NDF : 16.7/18

Left In: -26.858+/-33.306 χ^2/NDF : 14.3/10

38.324+/-26.965 χ^2/NDF : 47.2/28

-47.888+/-26.354 χ^2/NDF : 32.1/29

reg_asym_sam3_rms vs Slug



Right In: 107.189 ± 0.031 χ^2/NDF : 843115.1/16

Left Out: 101.203 ± 0.024 χ^2/NDF : 212181.8/11

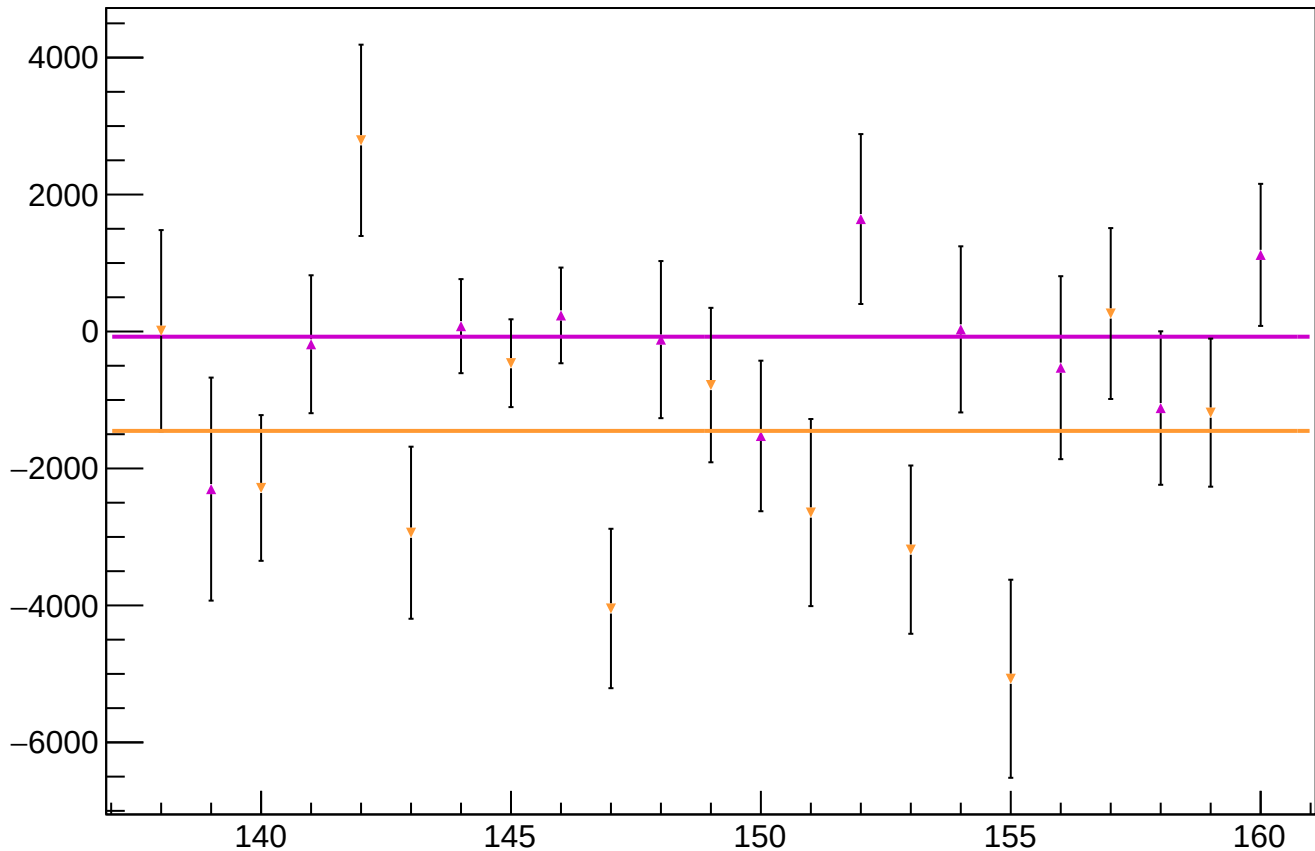
Right Out: 108.359 ± 0.030 χ^2/NDF : 917287.7/18

Left In: 98.234 ± 0.024 χ^2/NDF : 310700.8/10

103.498 ± 0.019 χ^2/NDF : 1078600.1/28

102.020 ± 0.019 χ^2/NDF : 1297096.6/29

asym_sam3_correction_mean vs Slug



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

Left Out: -1451.370+/-322.352 χ^2/NDF : 30.9/11

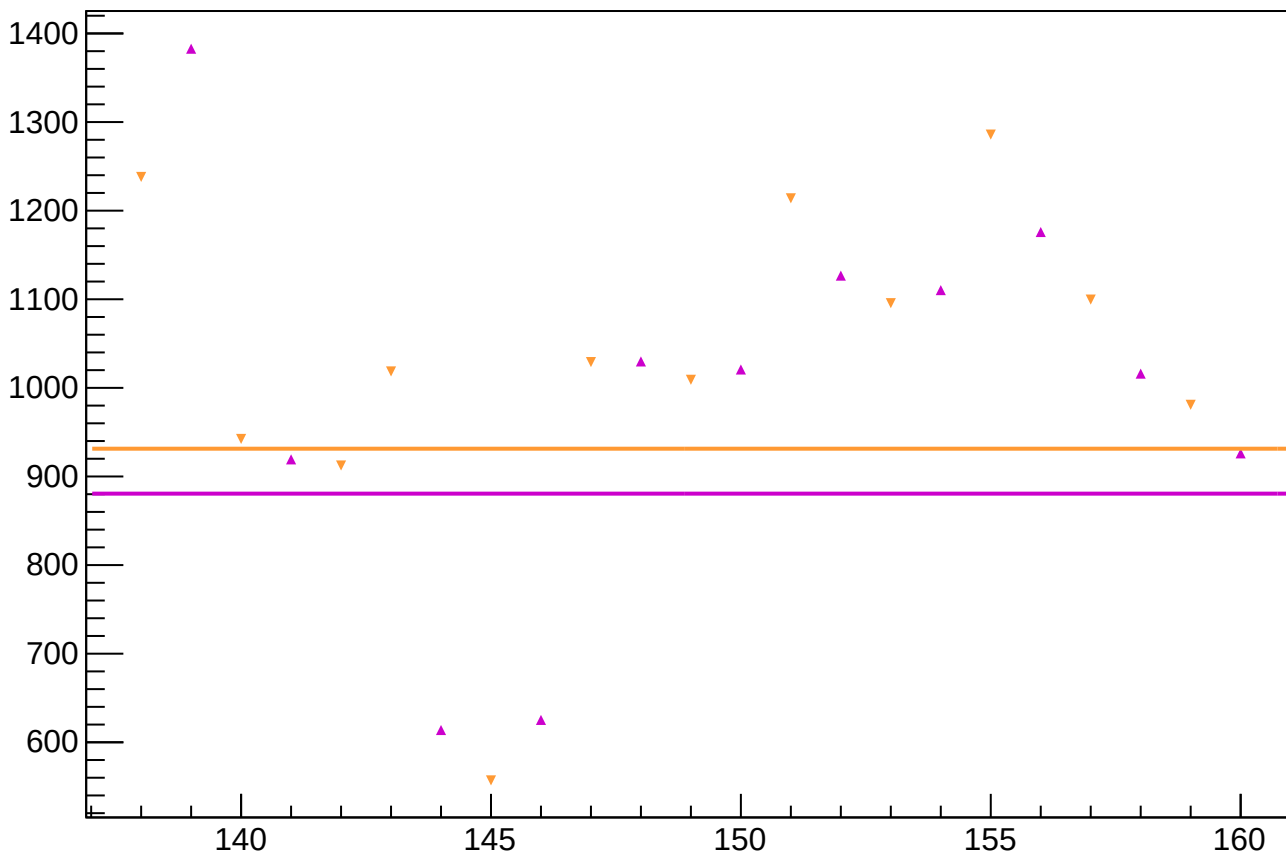
-1451.370+/-322.352 χ^2/NDF : 30.9/11

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

-75.876+/-305.225 χ^2/NDF : 8.1/10

Left In: -75.876+/-305.225 χ^2/NDF : 8.1/10

asym_sam3_correction_rms vs Slug



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

Left Out: 931.350+/-0.228 χ^2/NDF : 1084842.6/11

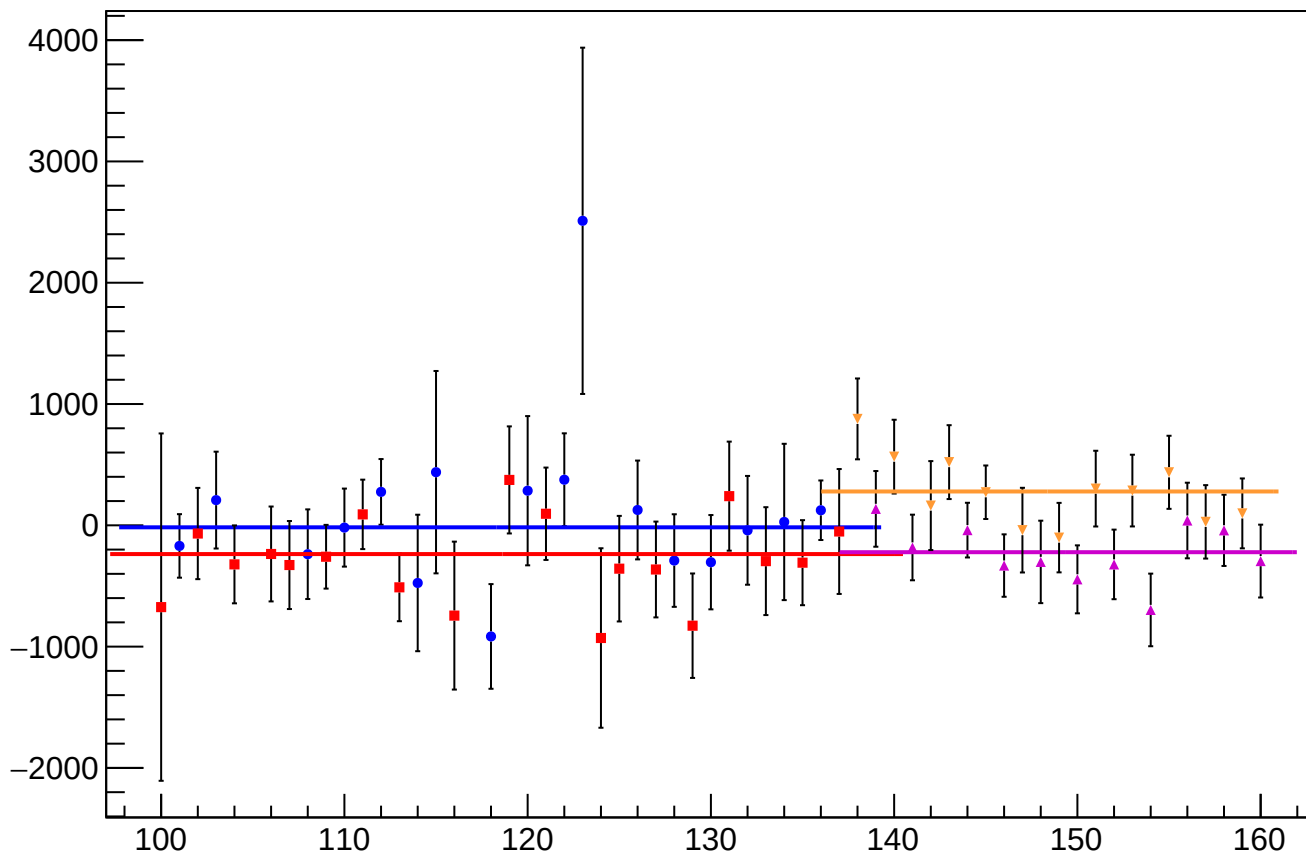
931.350+/-0.228 χ^2/NDF : 1084842.6/11

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

880.624+/-0.216 χ^2/NDF : 1109492.0/10

Left In: 880.624+/-0.216 χ^2/NDF : 1109492.0/10

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 χ^2/NDF : 13.4/16

Left Out: 279.095 ± 86.174 χ^2/NDF : 8.8/11

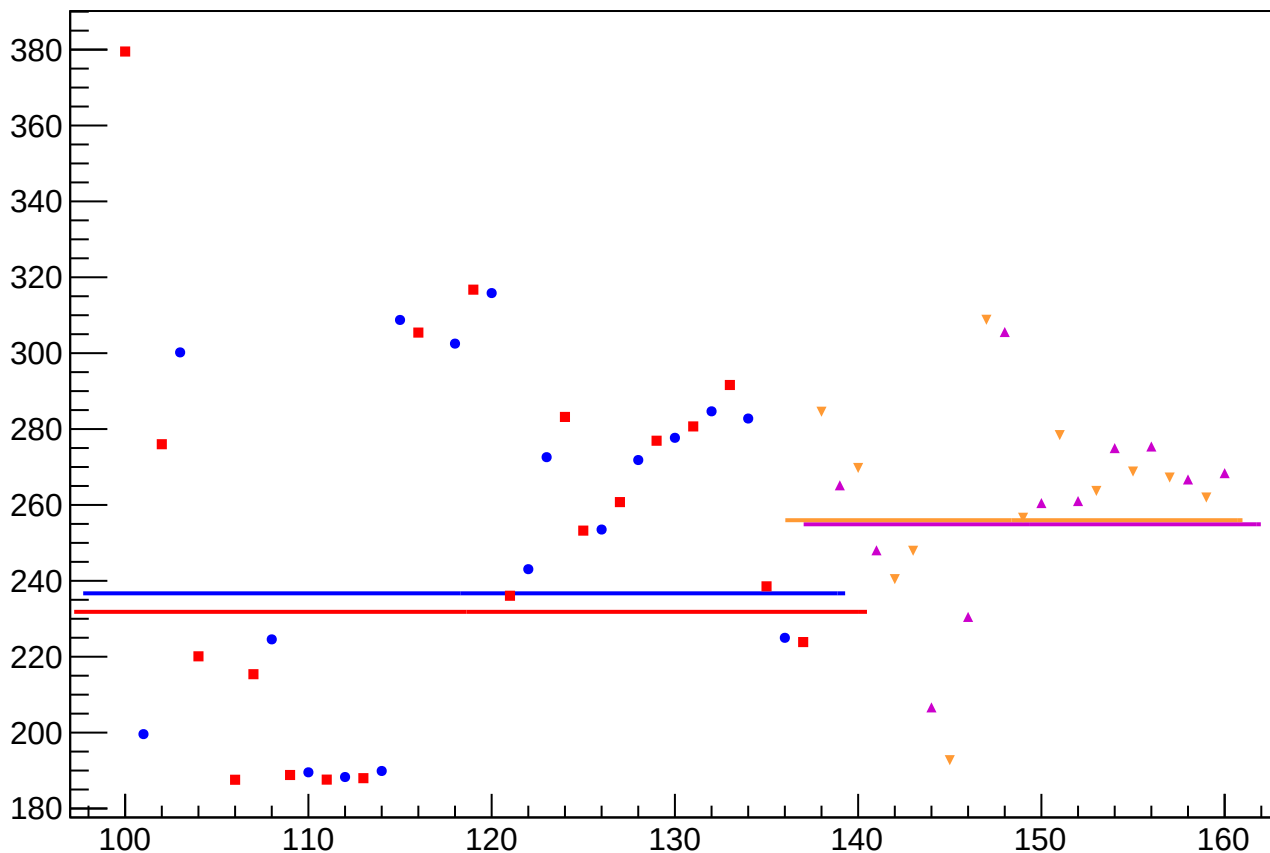
Right Out: -236.984 ± 88.937 χ^2/NDF : 10.3/18

Left In: -221.519 ± 85.621 χ^2/NDF : 6.6/10

143.010 ± 63.299 χ^2/NDF : 27.7/28

-228.958 ± 61.682 χ^2/NDF : 17.0/29

reg_asym_sam4_rms vs Slug



Right In: 236.706+/-0.066 χ^2/NDF : 390344.9/16

Left Out: 255.977+/-0.061 χ^2/NDF : 252949.6/11

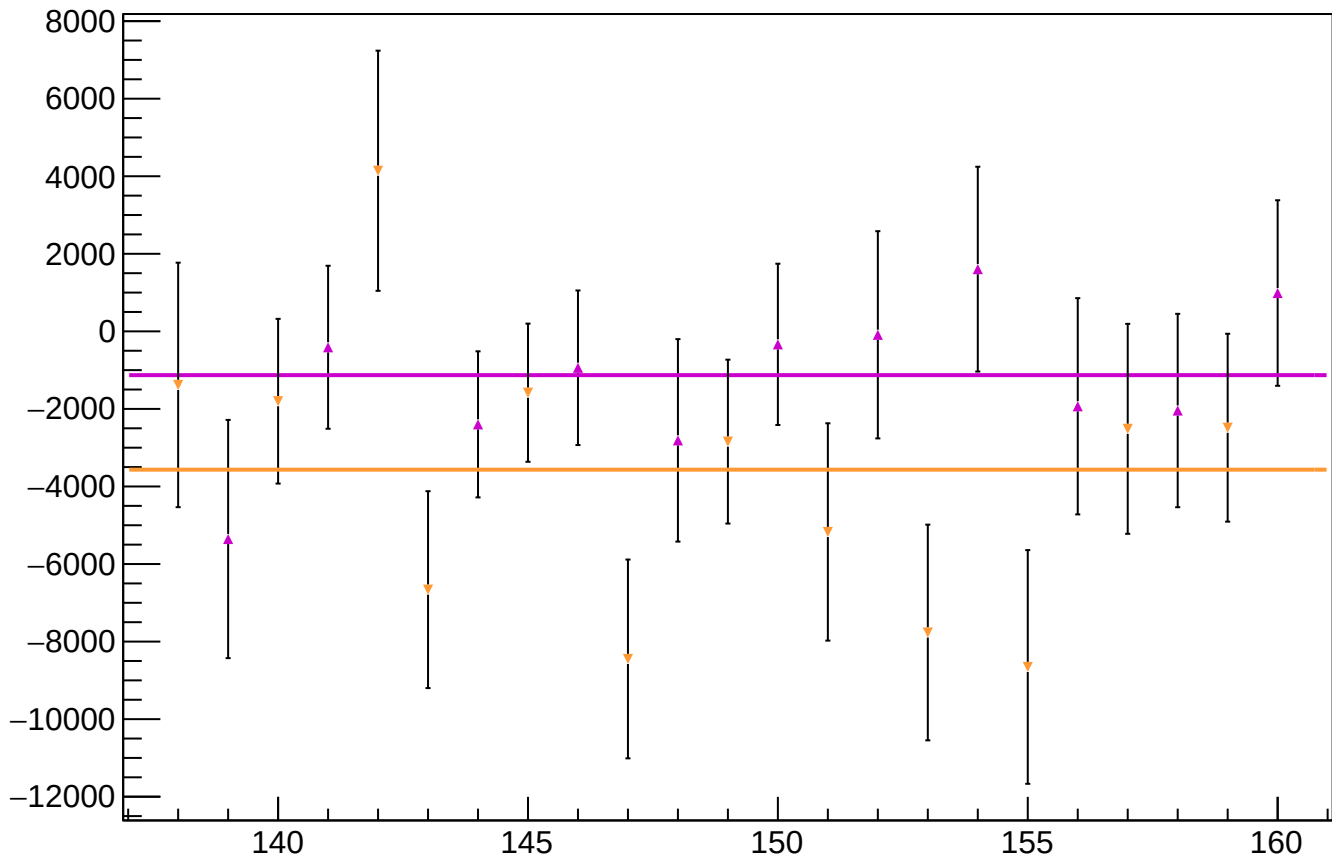
Right Out: 231.828+/-0.063 χ^2/NDF : 443276.3/18

Left In: 254.903+/-0.061 χ^2/NDF : 184152.6/10

247.104+/-0.045 χ^2/NDF : 689344.8/28

243.804+/-0.044 χ^2/NDF : 697298.3/29

asym_sam4_correction_mean vs Slug



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

Left Out: -3566.579+/-716.739 χ^2/NDF : 19.6/11

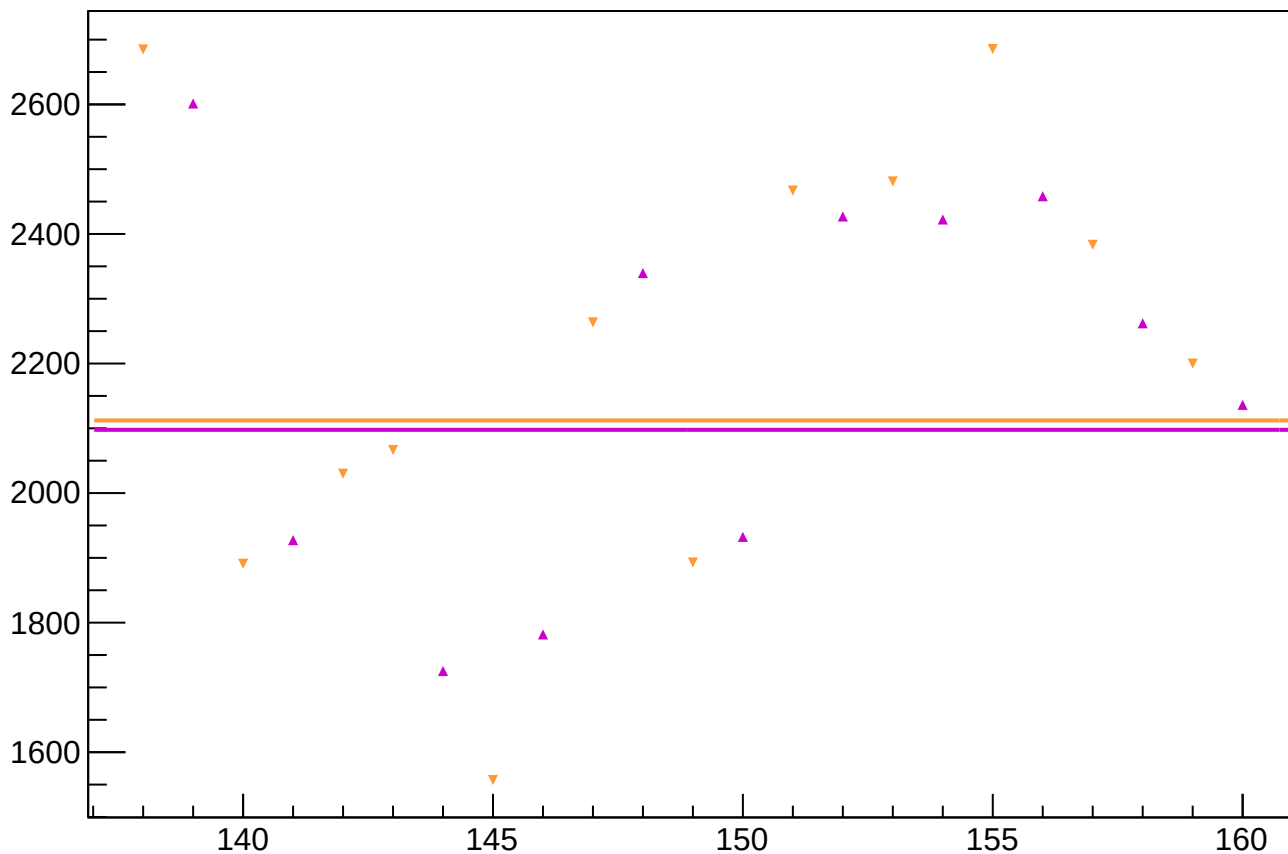
-3566.579+/-716.739 χ^2/NDF : 19.6/11

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

-1129.162+/-708.568 χ^2/NDF : 5.3/10

Left In: -1129.162+/-708.568 χ^2/NDF : 5.3/10

asym_sam4_correction_rms vs Slug



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

Left Out: 2112.127+/-0.507 χ^2/NDF : 474749.6/11

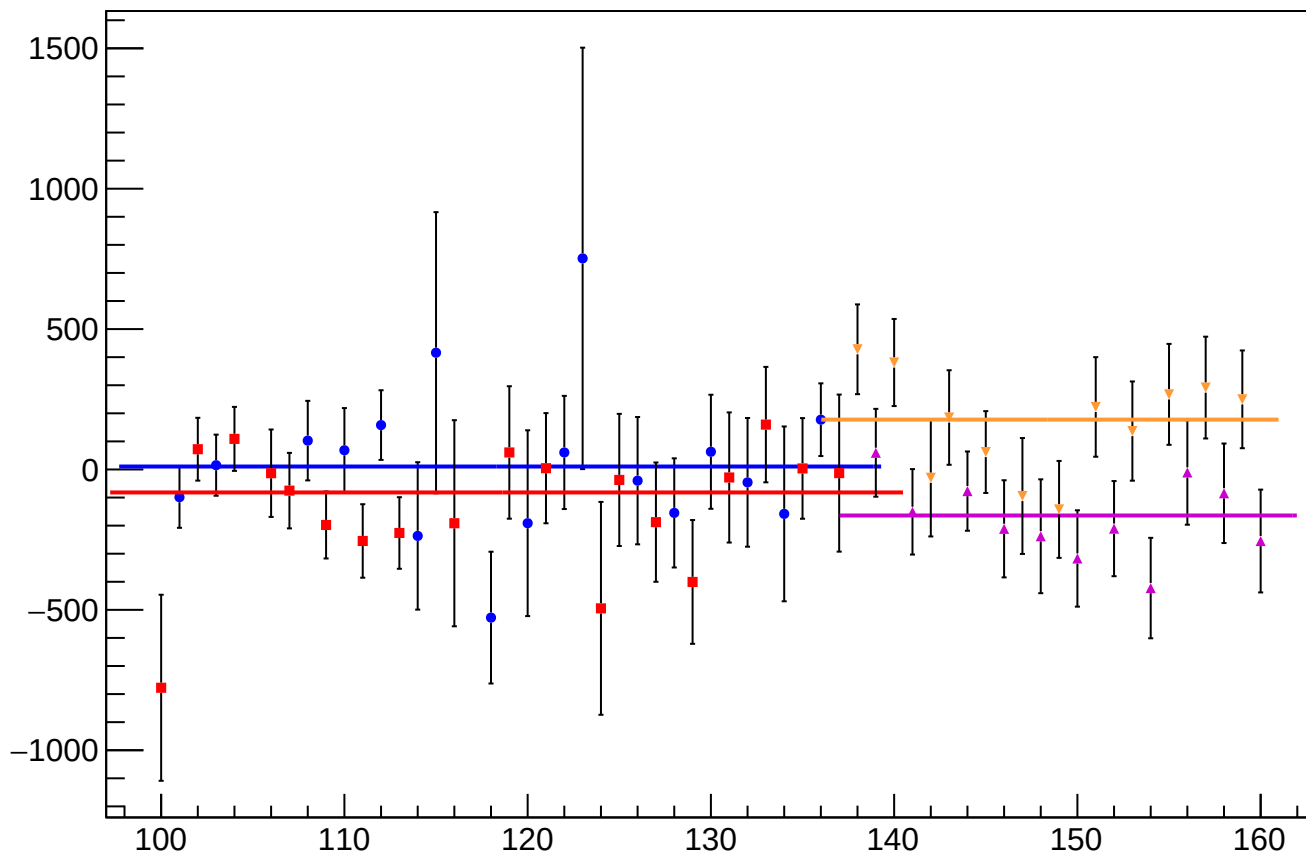
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2097.642+/-0.501 χ^2/NDF : 328429.1/10

2112.127+/-0.507 χ^2/NDF : 474749.6/11

2097.642+/-0.501 χ^2/NDF : 328429.1/10

reg_asym_sam5_mean vs Slug



Right In: 10.530 $\pm$ 42.294 χ^2 /NDF: 14.1/16

Left Out: 177.557 $\pm$ 49.927 χ^2 /NDF: 11.9/11

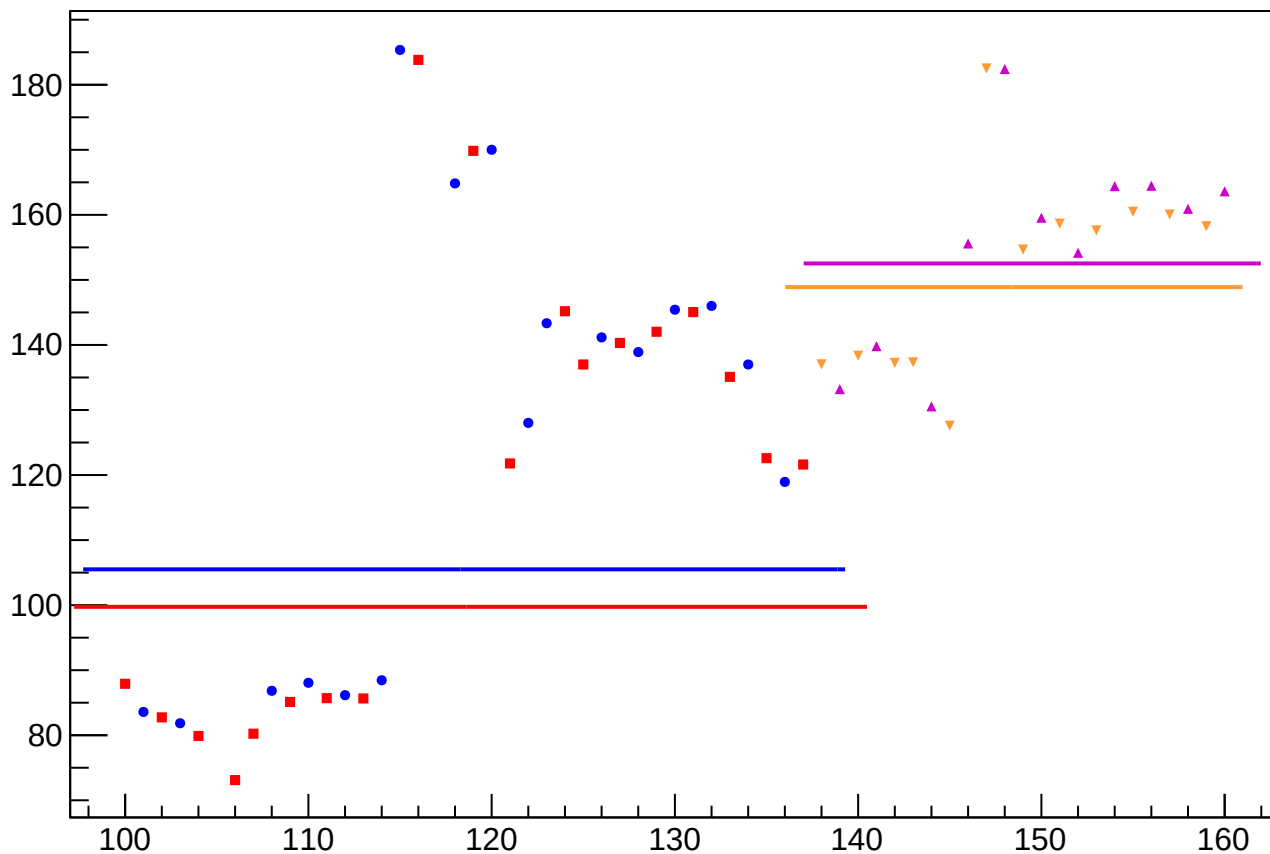
Right Out: -81.802 $\pm$ 38.985 χ^2 /NDF: 19.2/18

Left In: -163.952 $\pm$ 51.127 χ^2 /NDF: 6.7/10

80.314 $\pm$ 32.271 χ^2 /NDF: 32.5/28

-112.005 $\pm$ 31.001 χ^2 /NDF: 27.6/29

reg_asym_sam5_rms vs Slug



Right In: 105.503+/-0.030 χ^2/NDF : 869022.6/16

Left Out: 148.893+/-0.035 χ^2/NDF : 166571.4/11

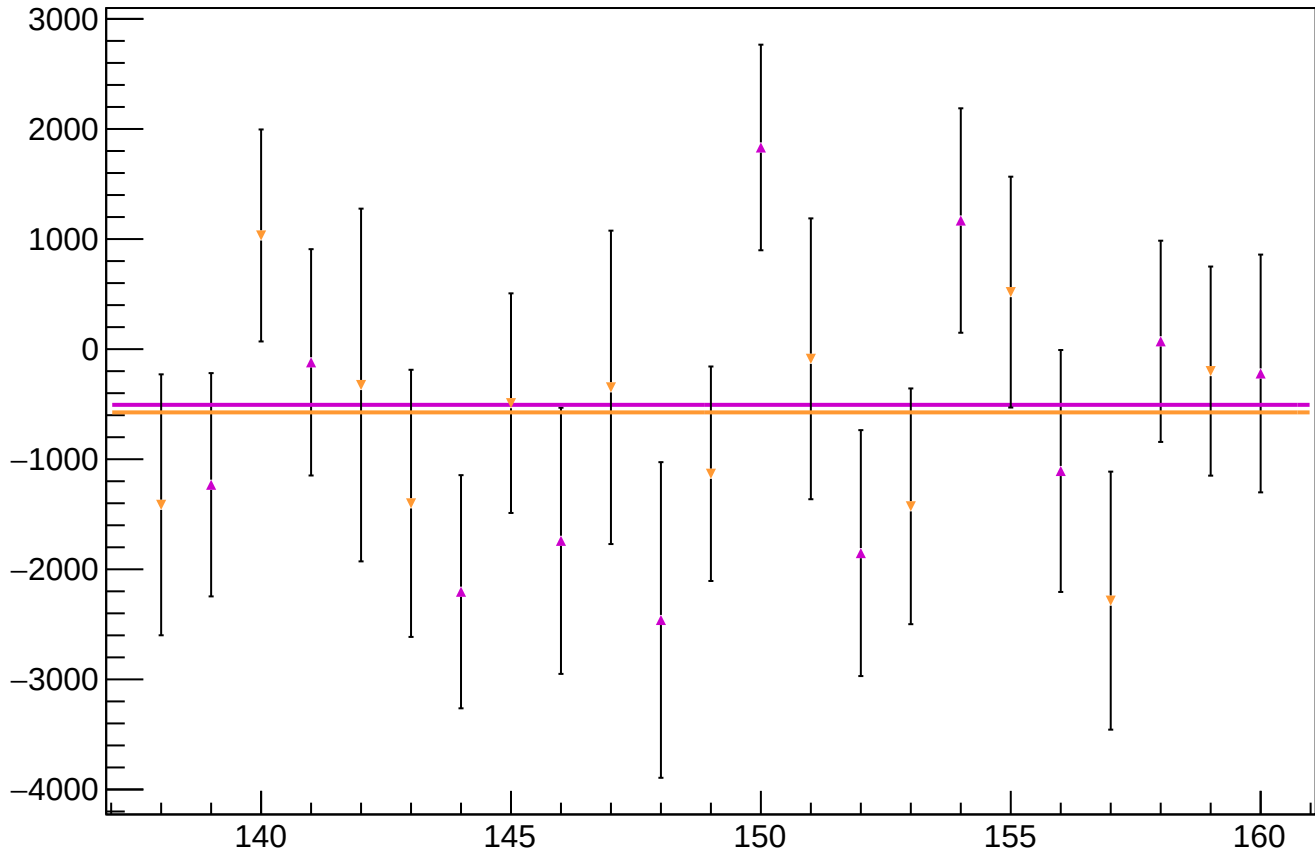
Right Out: 99.744+/-0.028 χ^2/NDF : 1000097.3/18

Left In: 152.528+/-0.036 χ^2/NDF : 169479.2/10

123.631+/-0.023 χ^2/NDF : 1915056.5/28

119.150+/-0.022 χ^2/NDF : 2517548.8/29

asym_sam5_correction_mean vs Slug



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

Left Out: -574.498+/-322.007 χ^2/NDF : 8.3/11

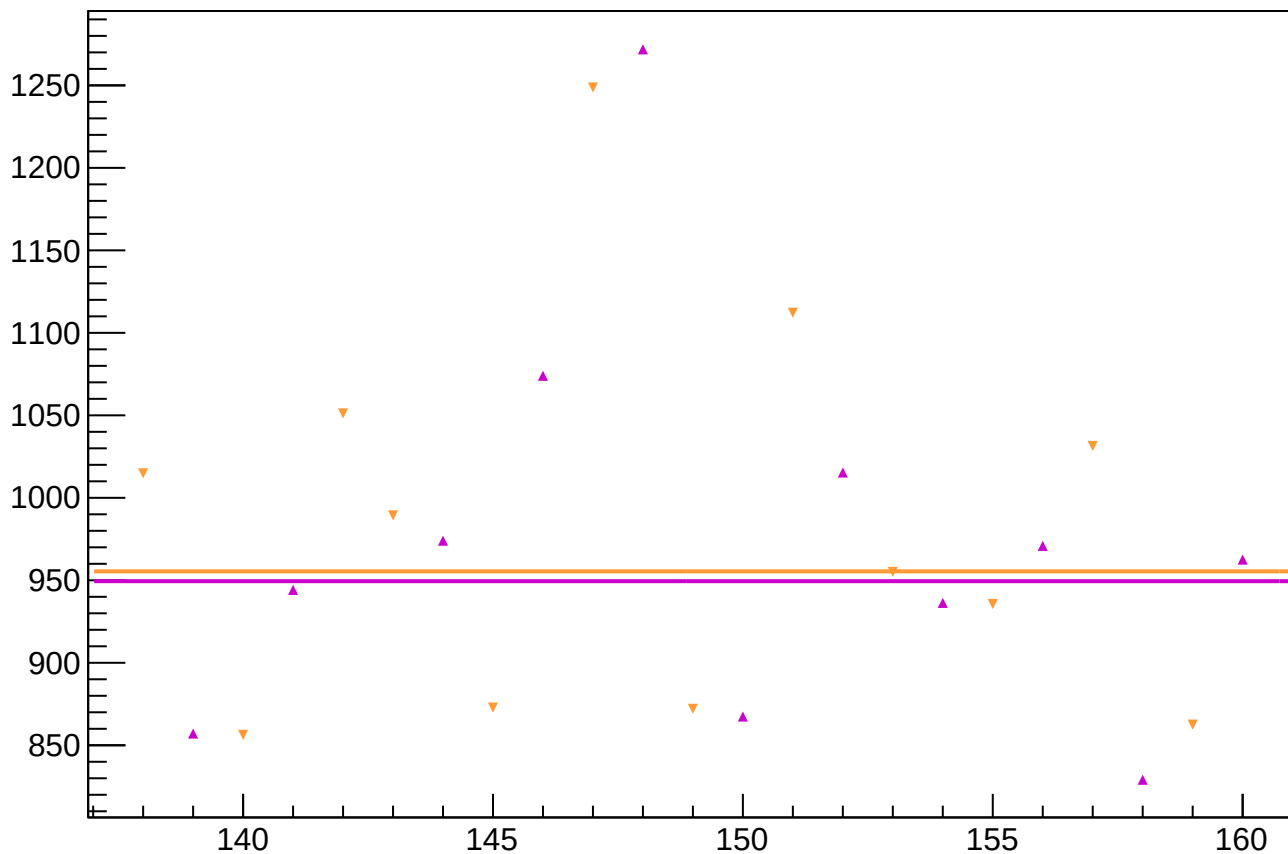
-574.498+/-322.007 χ^2/NDF : 8.3/11

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

-505.936+/-319.870 χ^2/NDF : 17.3/10

Left In: -505.936+/-319.870 χ^2/NDF : 17.3/10

asym_sam5_correction_rms vs Slug



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

Left Out: 955.430+/-0.228 χ^2/NDF : 206636.4/11

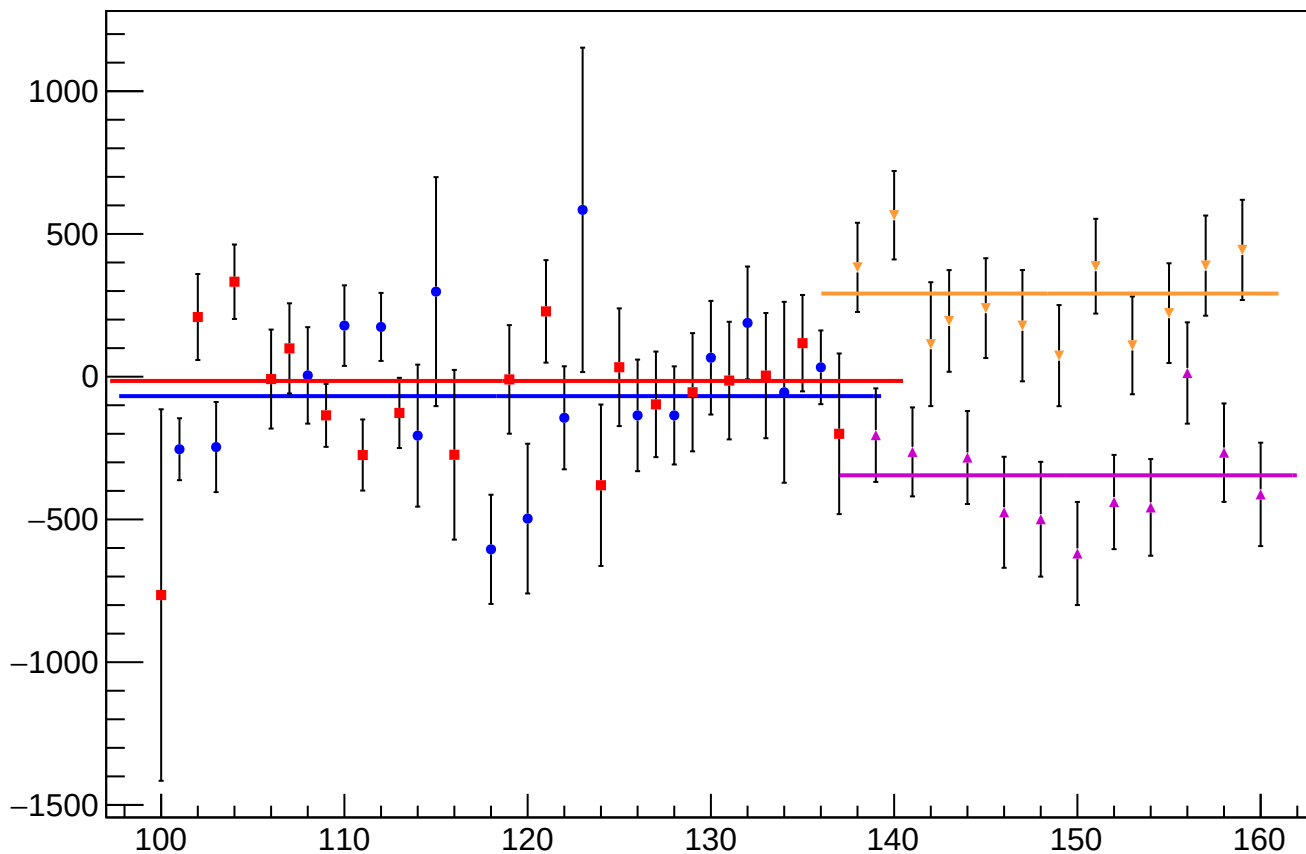
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 949.479+/-0.226 χ^2/NDF : 198506.0/10

955.430+/-0.228 χ^2/NDF : 206636.4/11

949.479+/-0.226 χ^2/NDF : 198506.0/10

reg_asym_sam6_mean vs Slug



Right In: -68.111+/-42.265 χ^2/NDF : 27.8/16

Left Out: 291.277+/-50.350 χ^2/NDF : 9.0/11

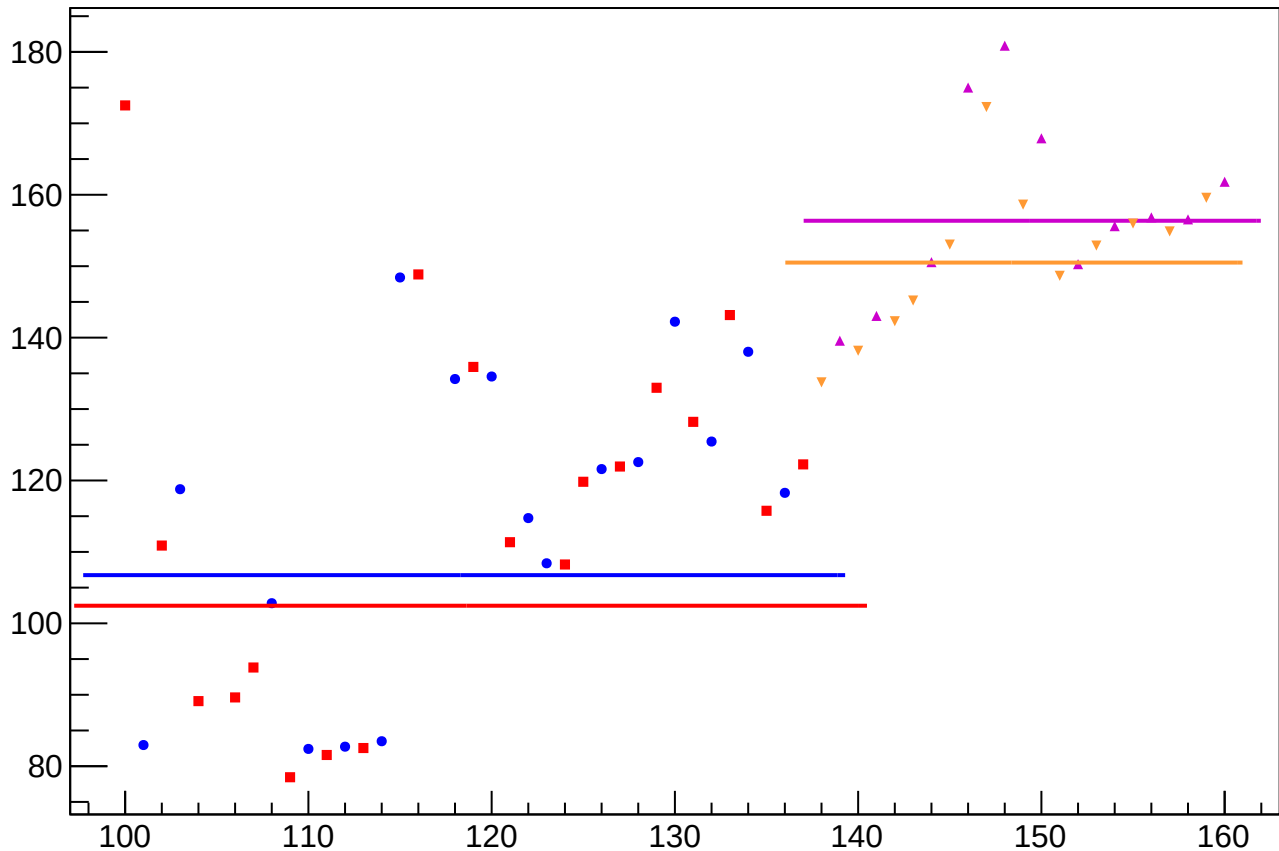
Right Out: -14.800+/-39.467 χ^2/NDF : 23.1/18

Left In: -345.403+/-52.309 χ^2/NDF : 9.7/10

80.448+/-32.372 χ^2/NDF : 66.8/28

-134.727+/-31.505 χ^2/NDF : 58.3/29

reg_asym_sam6_rms vs Slug



Right In: 106.749 $\pm$ 0.030 χ^2 /NDF: 501742.8/16

Left Out: 150.508 $\pm$ 0.036 χ^2 /NDF: 79135.6/11

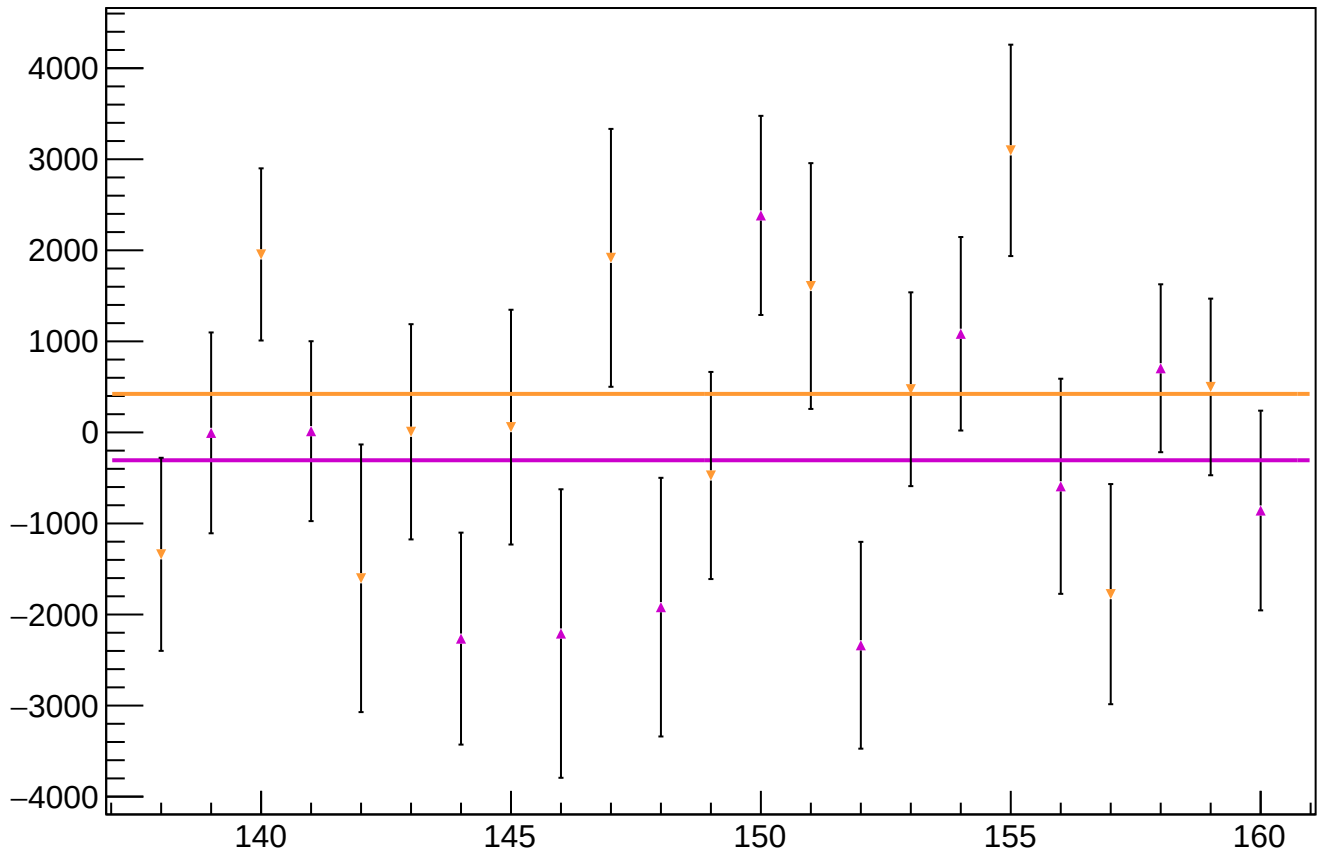
Right Out: 102.467 $\pm$ 0.028 χ^2 /NDF: 589344.0/18

Left In: 156.361 $\pm$ 0.037 χ^2 /NDF: 99058.2/10

124.838 $\pm$ 0.023 χ^2 /NDF: 1467045.2/28

122.017 $\pm$ 0.022 χ^2 /NDF: 2041282.2/29

asym_sam6_correction_mean vs Slug



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

Left Out: 422.996+/-333.665 χ^2/NDF : 18.6/11

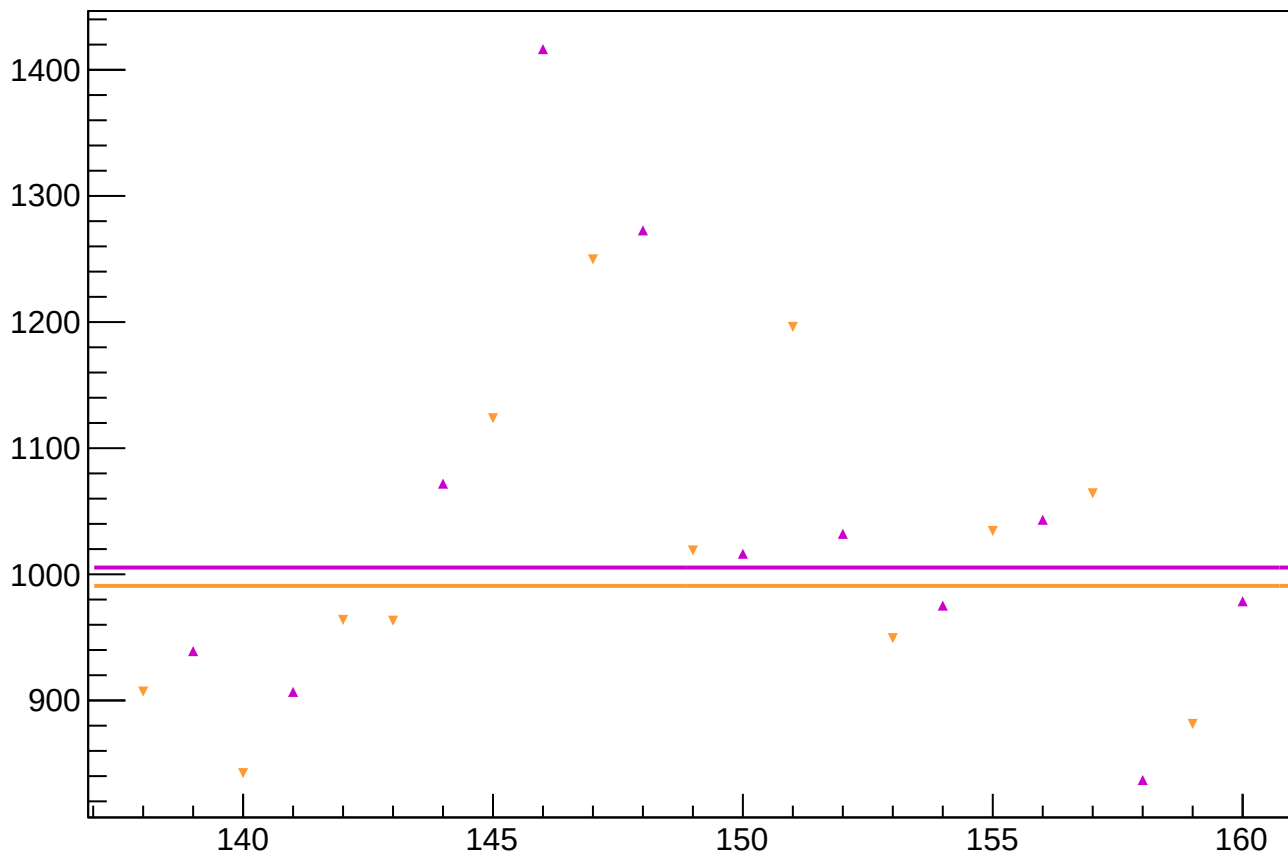
422.996+/-333.665 χ^2/NDF : 18.6/11

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

-305.842+/-339.019 χ^2/NDF : 18.2/10

Left In: -305.842+/-339.019 χ^2/NDF : 18.2/10

asym_sam6_correction_rms vs Slug



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

Left Out: 990.829+/-0.236 χ^2/NDF : 237859.7/11

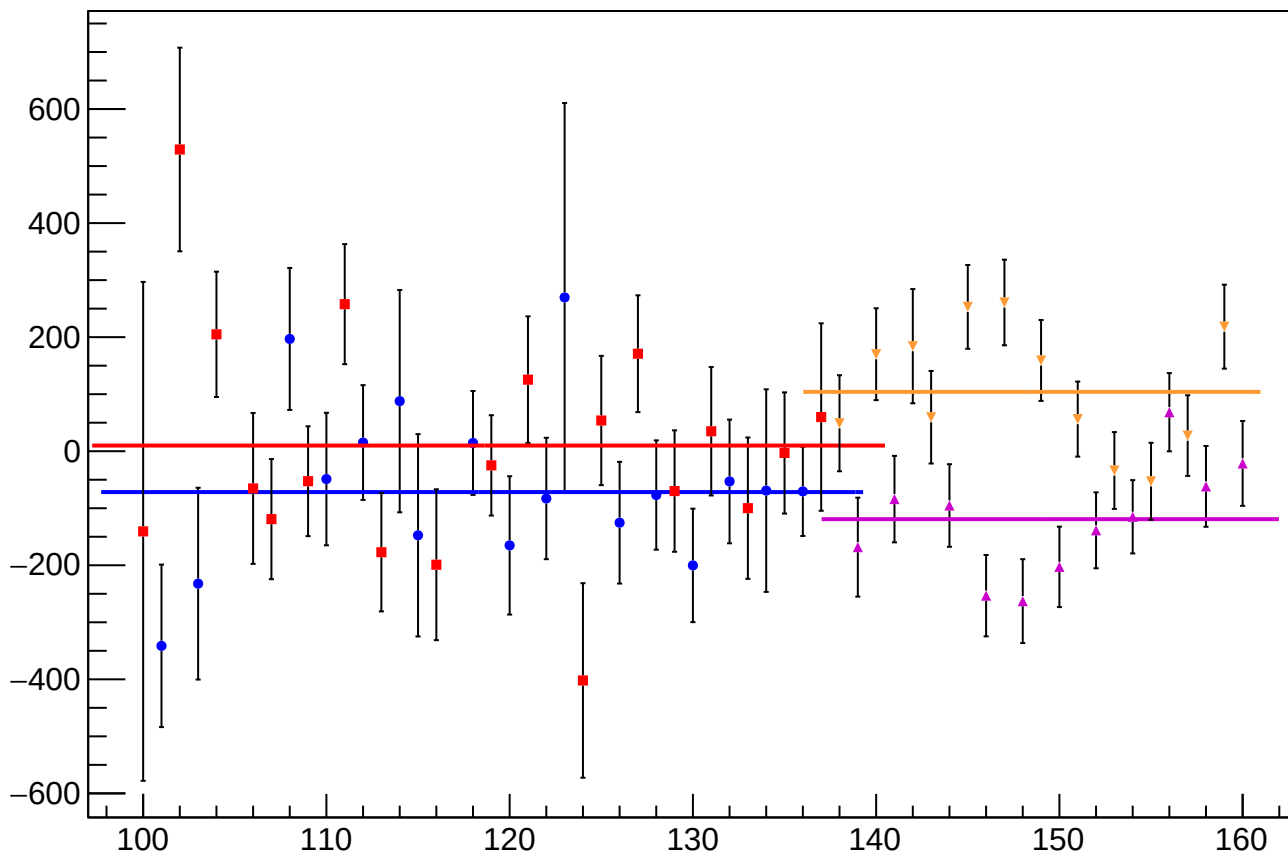
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1005.362+/-0.240 χ^2/NDF : 312056.6/10

990.829+/-0.236 χ^2/NDF : 237859.7/11

1005.362+/-0.240 χ^2/NDF : 312056.6/10

reg_asym_sam7_mean vs Slug



Right In: -71.669 ± 28.358 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 104.042 ± 21.499 $\chi^2/\text{NDF}: 24.8/11$

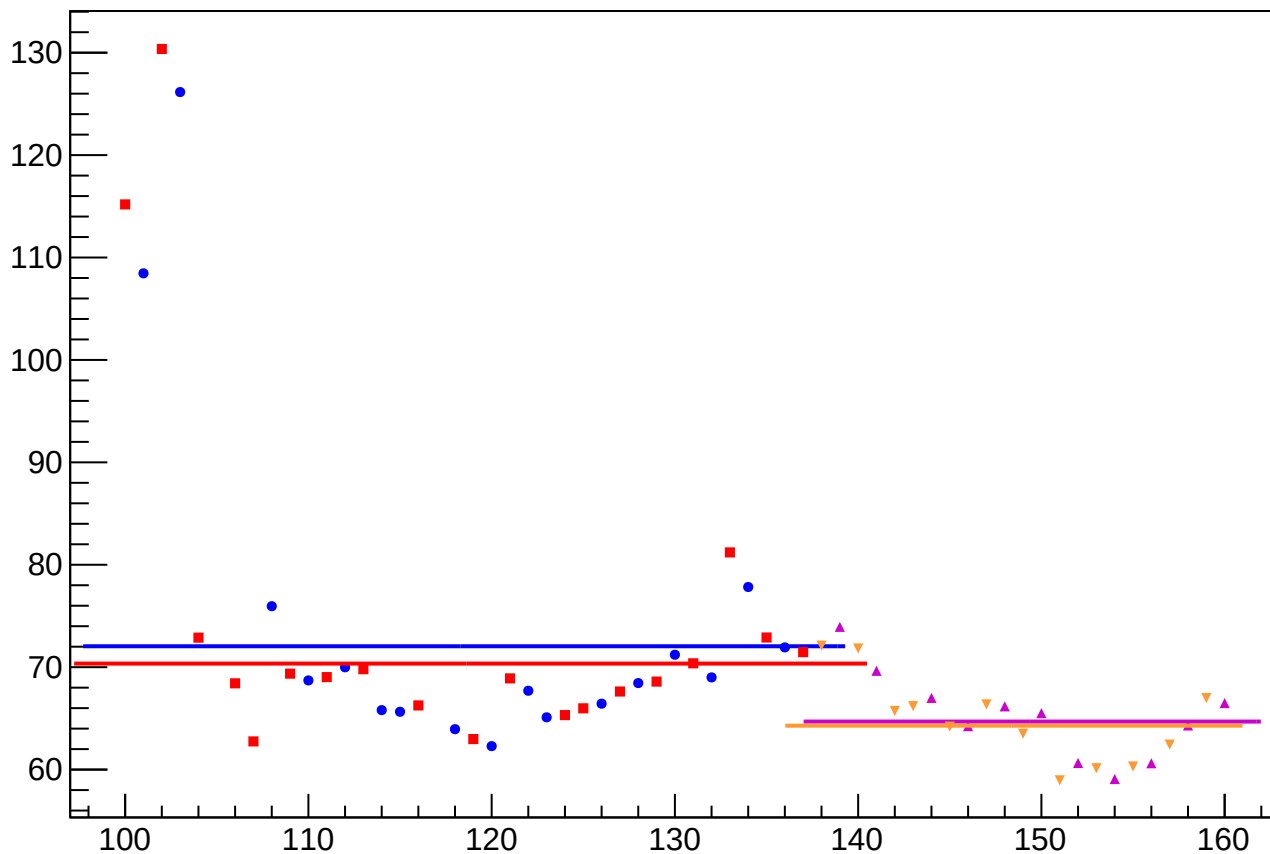
Right Out: 9.917 ± 26.816 $\chi^2/\text{NDF}: 36.5/18$

Left In: -119.140 ± 21.618 $\chi^2/\text{NDF}: 19.4/10$

39.911 ± 17.132 $\chi^2/\text{NDF}: 64.4/28$

-68.304 ± 16.830 $\chi^2/\text{NDF}: 69.9/29$

reg_asym_sam7_rms vs Slug



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 64.288 $\pm$ 0.015 χ^2 /NDF: 69850.1/11

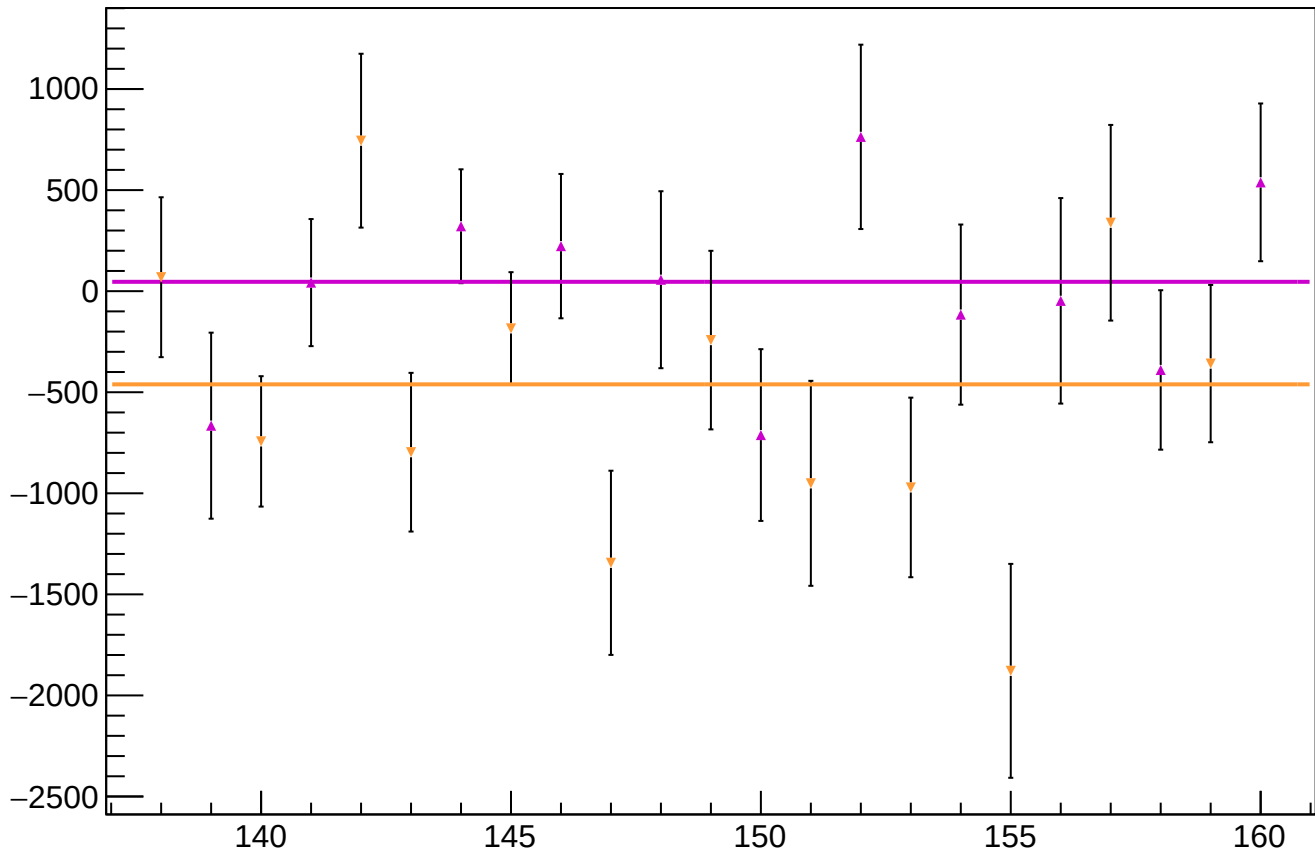
Right Out: 70.351 $\pm$ 0.019 χ^2 /NDF: 299005.5/18

Left In: 64.689 $\pm$ 0.015 χ^2 /NDF: 65350.3/10

67.118 $\pm$ 0.012 χ^2 /NDF: 556780.2/28

66.919 $\pm$ 0.012 χ^2 /NDF: 418392.7/29

asym_sam7_correction_mean vs Slug



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

Left Out: -460.979 $\pm$ 116.120 χ^2 /NDF:28.4/11

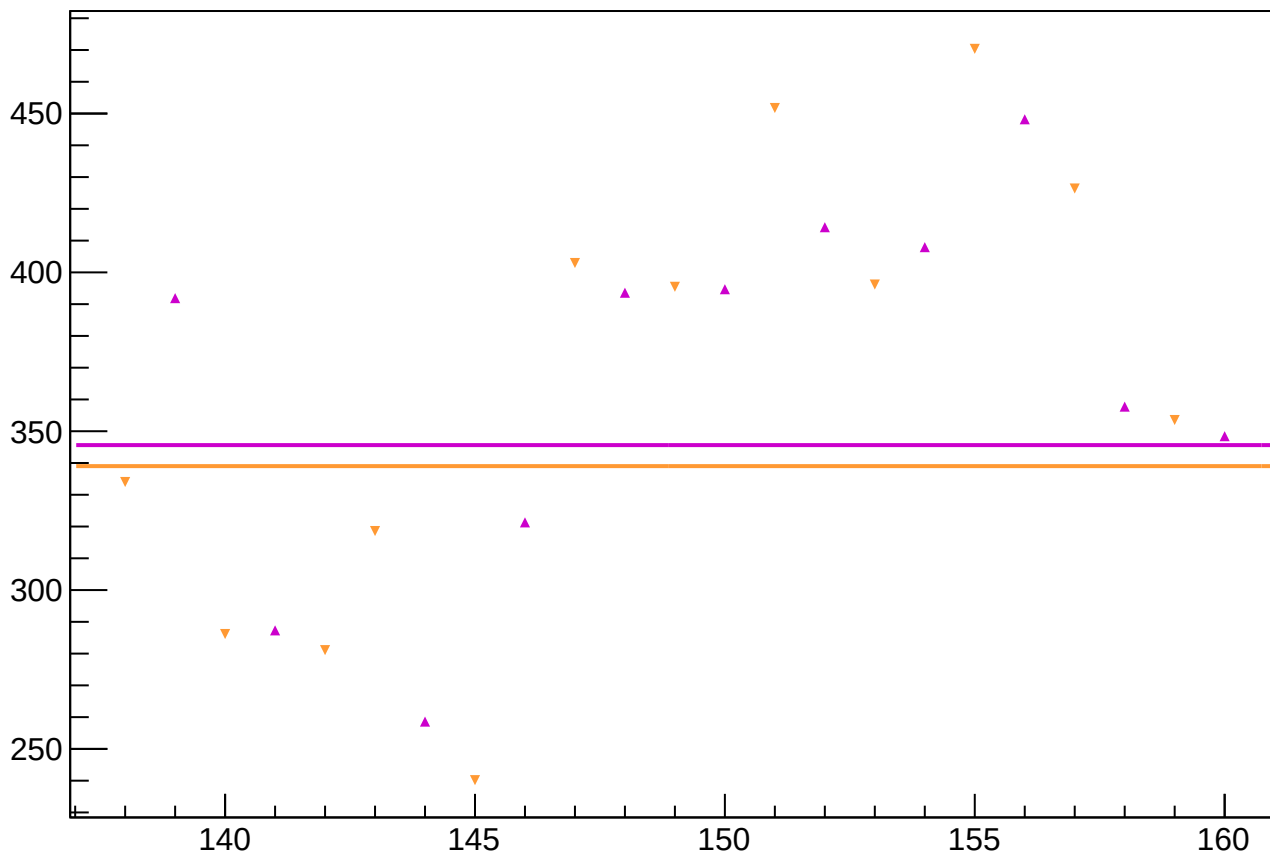
-460.979 $\pm$ 116.120 χ^2 /NDF: 28.4/11

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

46.267 $\pm$ 117.241 χ^2 /NDF: 12.2/10

Left In: 46.267 $\pm$ 117.241 χ^2 /NDF:12.2/10

asym_sam7_correction_rms vs Slug



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

Left Out: 339.014+/-0.082 χ^2/NDF : 743508.6/11

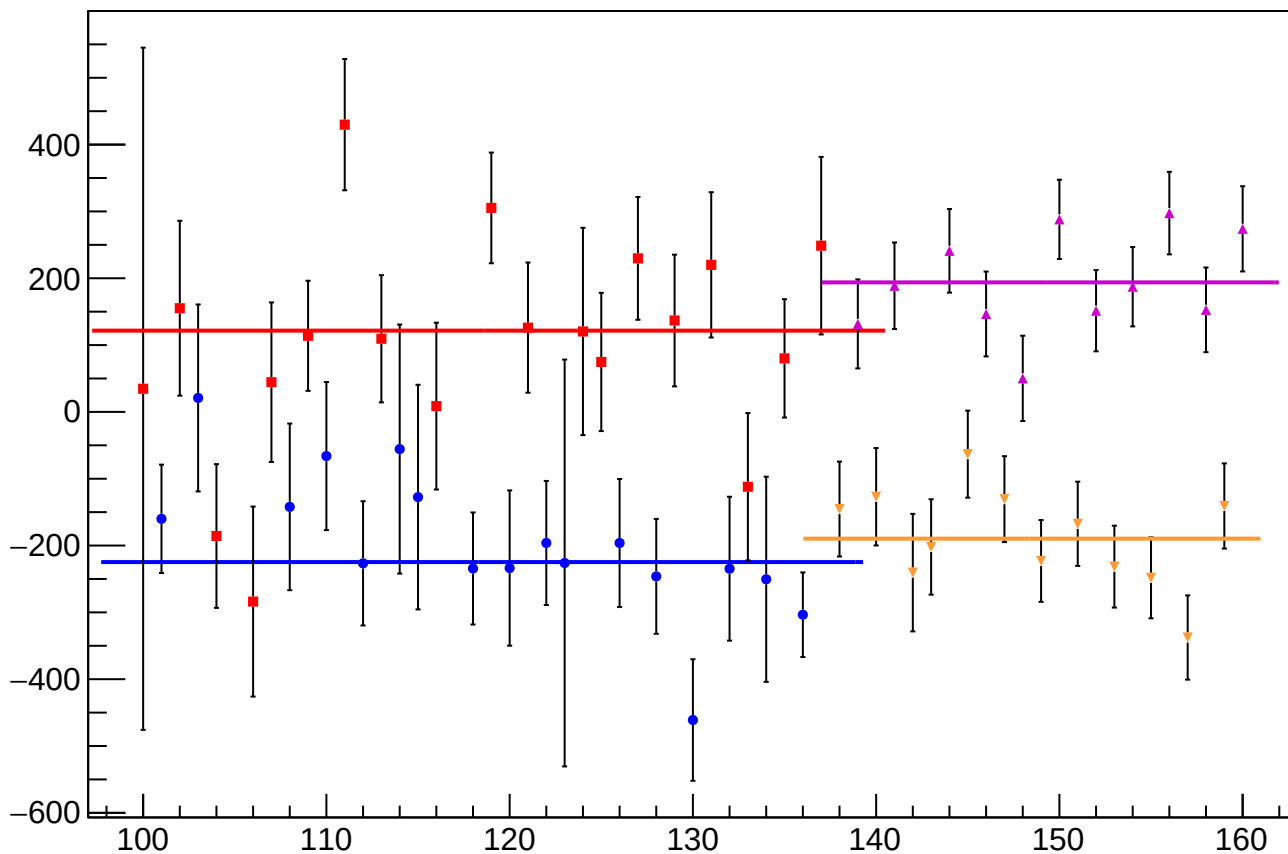
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 345.630+/-0.083 χ^2/NDF : 507632.5/10

339.014+/-0.082 χ^2/NDF : 743508.6/11

345.630+/-0.083 χ^2/NDF : 507632.5/10

reg_asym_sam8_mean vs Slug



Right In: -224.727 $\pm$ 24.880 χ^2 /NDF: 16.0/16

Left Out: -189.650 $\pm$ 19.085 χ^2 /NDF:14.0/11

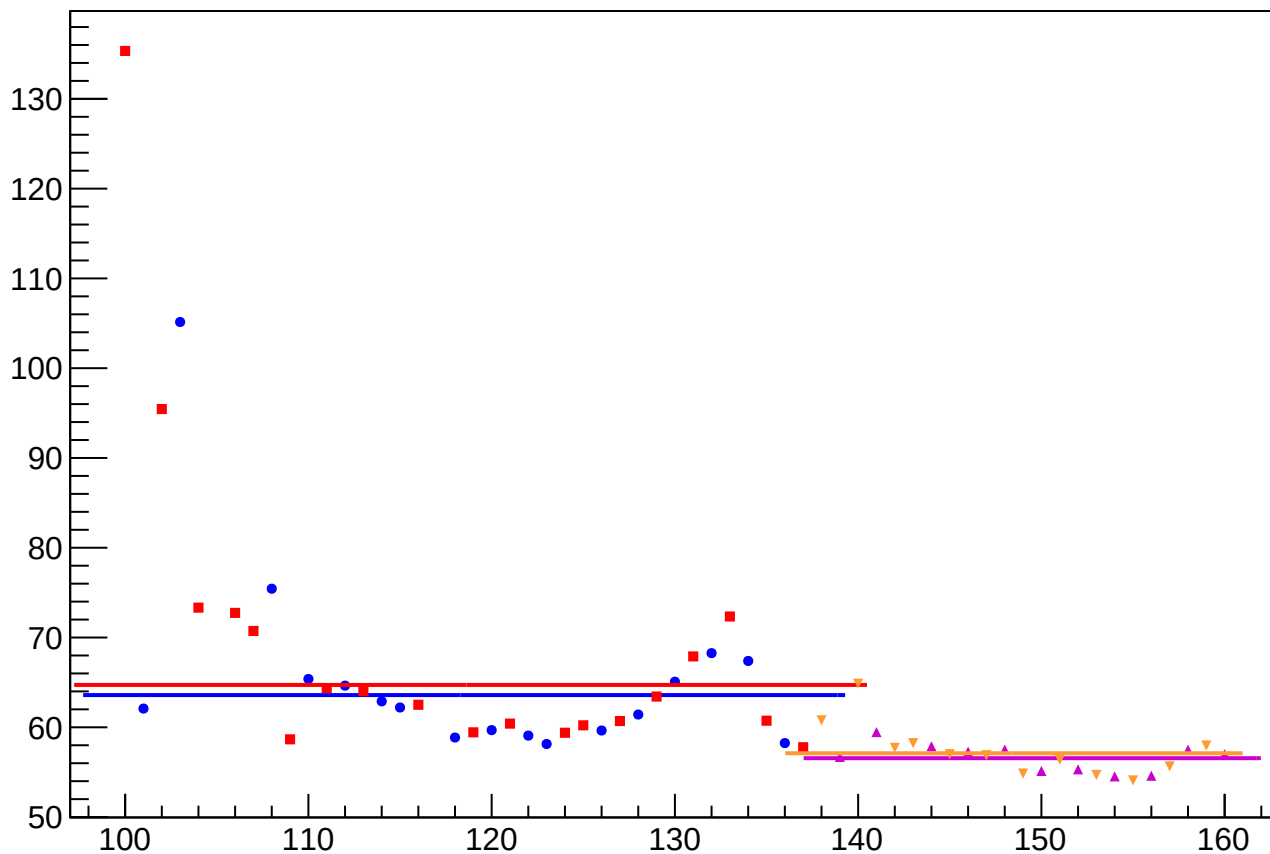
Right Out: 121.633 $\pm$ 24.599 χ^2 /NDF: 40.5/18

Left In: 193.827 $\pm$ 18.869 χ^2 /NDF:14.9/10

-202.644 $\pm$ 15.143 χ^2 /NDF: 31.3/28

167.084 $\pm$ 14.972 χ^2 /NDF: 60.8/29

reg_asym_sam8_rms vs Slug



Right In: 63.589 ± 0.018 χ^2/NDF : 234601.0/16

Left Out: 57.110 ± 0.013 χ^2/NDF : 41068.8/11

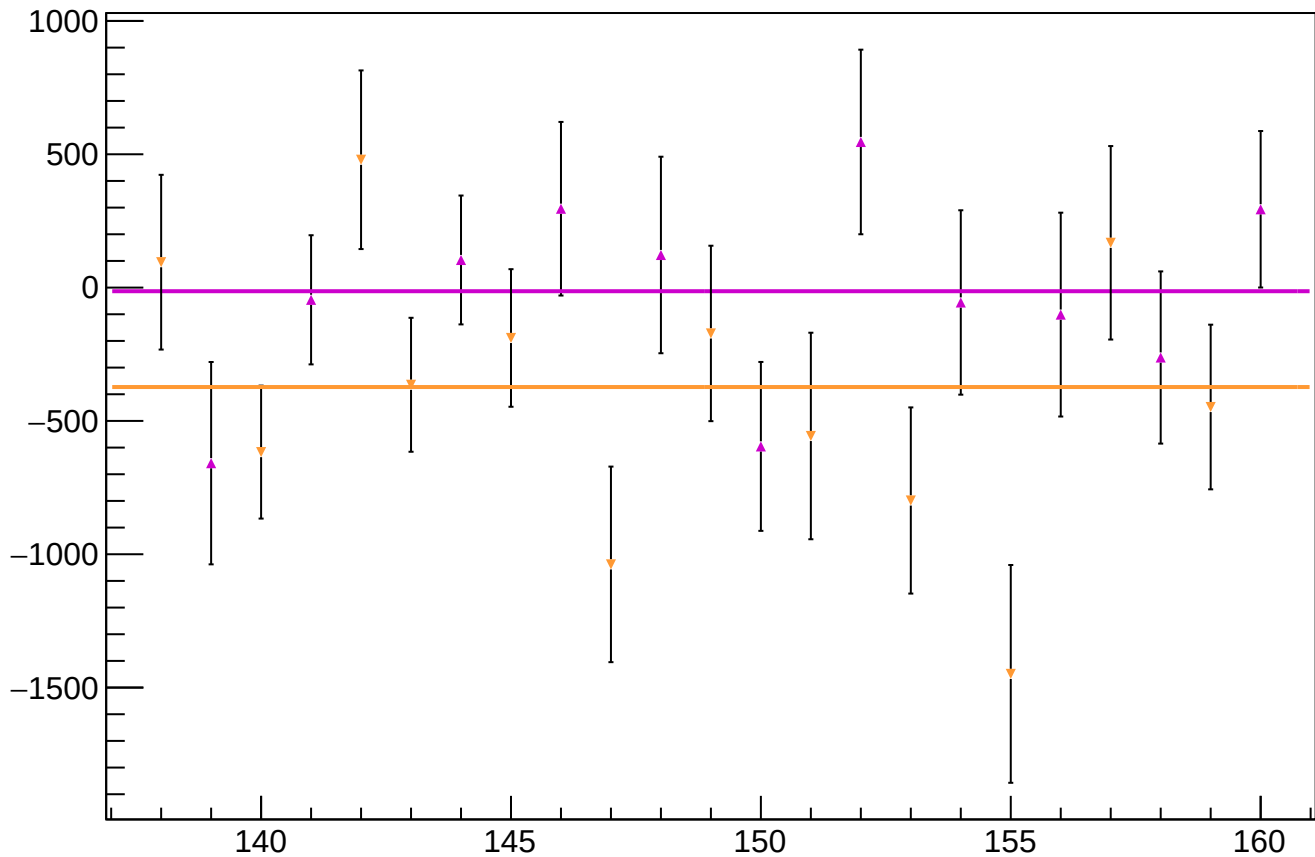
Right Out: 64.720 ± 0.017 χ^2/NDF : 227506.4/18

Left In: 56.560 ± 0.013 χ^2/NDF : 12525.1/10

59.510 ± 0.011 χ^2/NDF : 361046.3/28

59.583 ± 0.011 χ^2/NDF : 378587.7/29

asym_sam8_correction_mean vs Slug



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

Left Out: -372.922+/-90.980 χ^2/NDF : 24.6/11

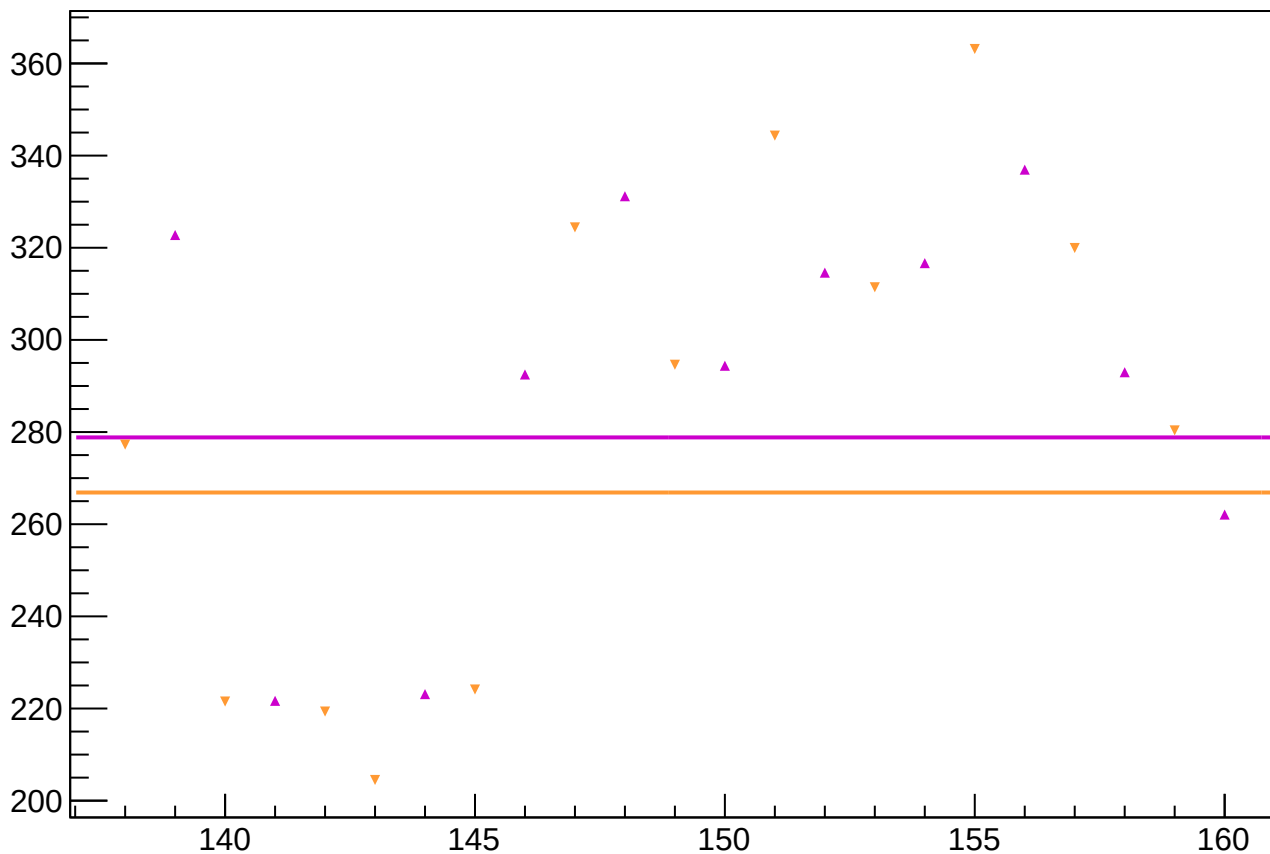
-372.922+/-90.980 χ^2/NDF : 24.6/11

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

-13.572+/-94.220 χ^2/NDF : 11.9/10

Left In: -13.572+/-94.220 χ^2/NDF : 11.9/10

asym_sam8_correction_rms vs Slug



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

Left Out: 266.881+/-0.064 χ^2/NDF : 620477.0/11

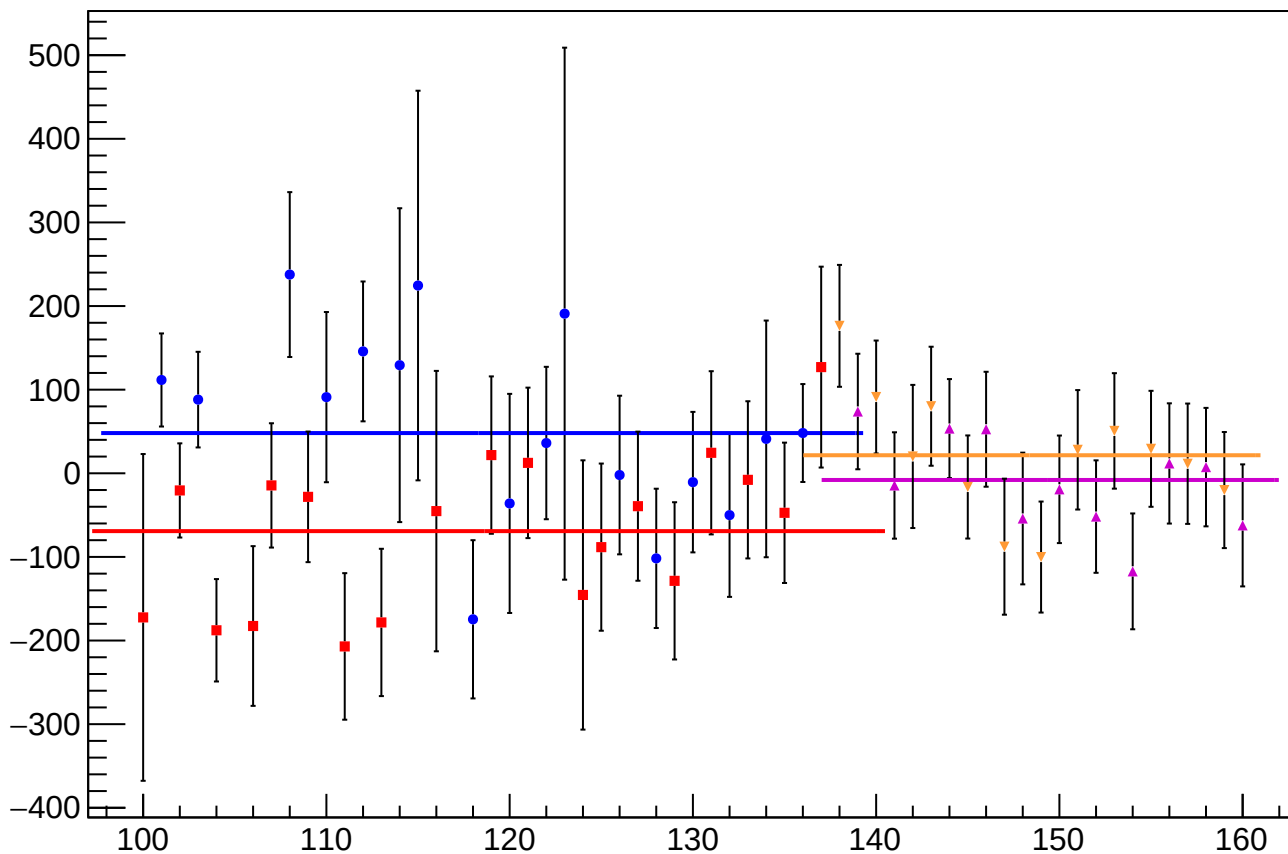
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 278.838+/-0.067 χ^2/NDF : 395102.4/10

266.881+/-0.064 χ^2/NDF : 620477.0/11

278.838+/-0.067 χ^2/NDF : 395102.4/10

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109 ± 21.510 χ^2/NDF : 19.0/16

Left Out: 21.584 ± 20.424 χ^2/NDF : 12.4/11

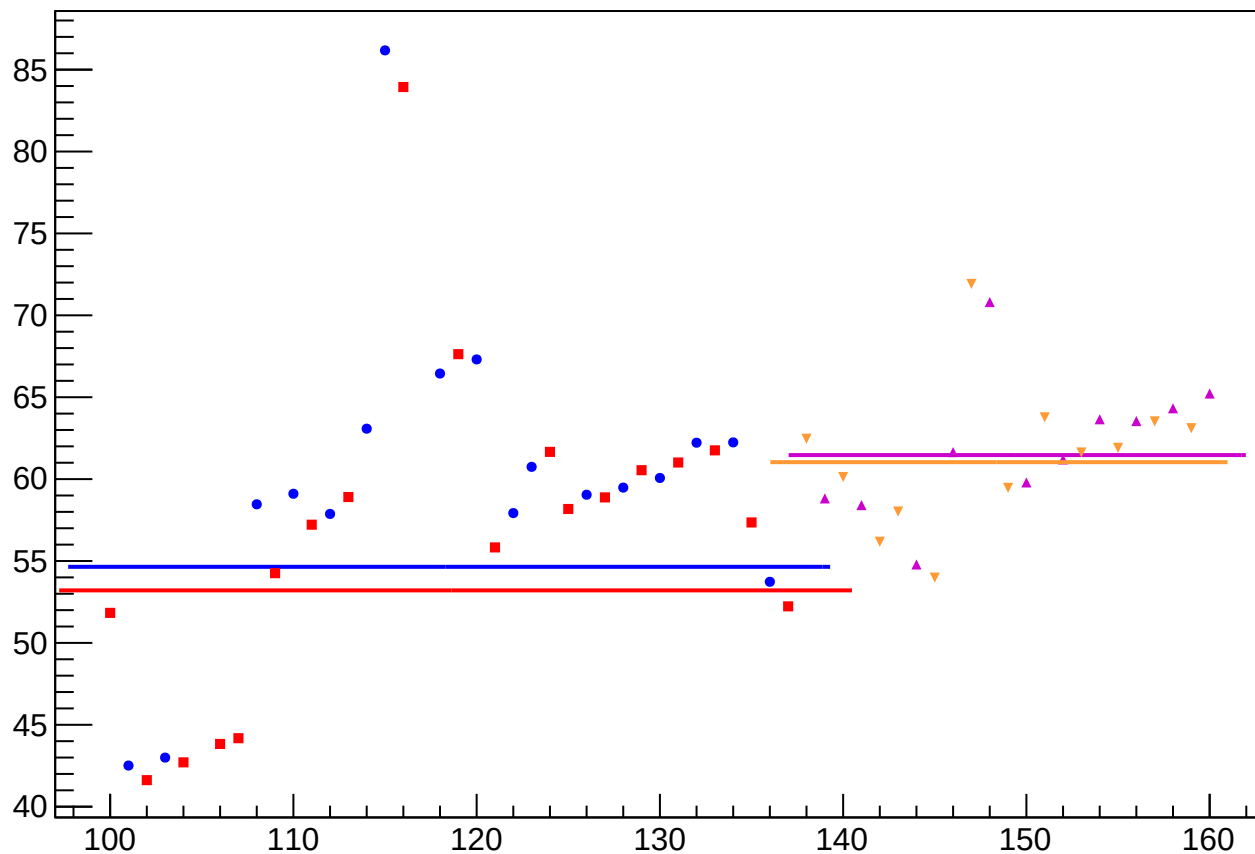
Right Out: -69.156 ± 20.407 χ^2/NDF : 17.7/18

Left In: -7.983 ± 20.554 χ^2/NDF : 7.2/10

34.160 ± 14.811 χ^2/NDF : 32.2/28

-38.788 ± 14.482 χ^2/NDF : 29.3/29

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 61.035 $\pm$ 0.014 χ^2 /NDF: 81816.5/11

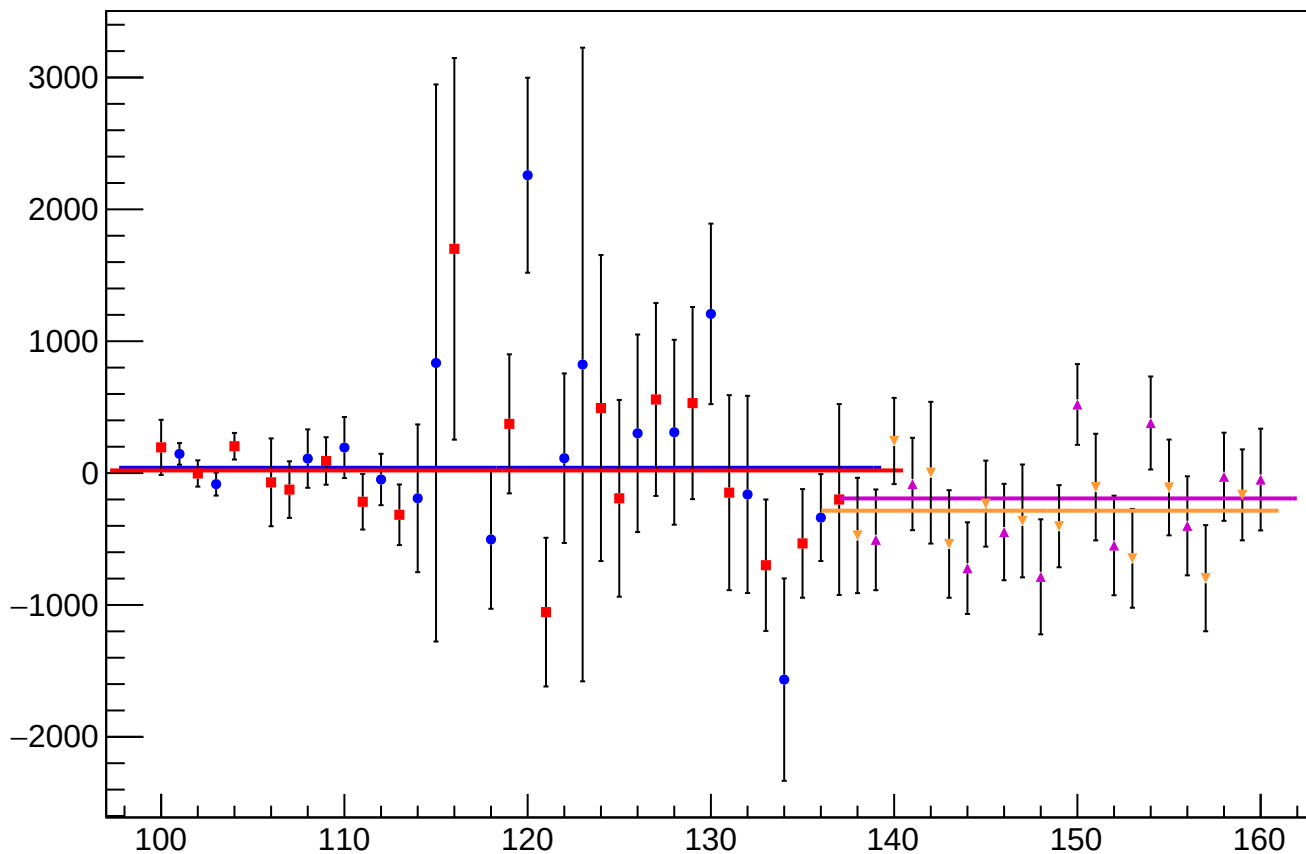
Right Out: 53.207 $\pm$ 0.014 χ^2 /NDF: 386295.2/18

Left In: 61.468 $\pm$ 0.015 χ^2 /NDF: 74760.8/10

58.005 $\pm$ 0.010 χ^2 /NDF: 493944.0/28

57.308 $\pm$ 0.010 χ^2 /NDF: 623742.3/29

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 ± 51.542 χ^2/NDF : 23.9/16

Left Out: -284.928 ± 108.699 χ^2/NDF : 6.8/11

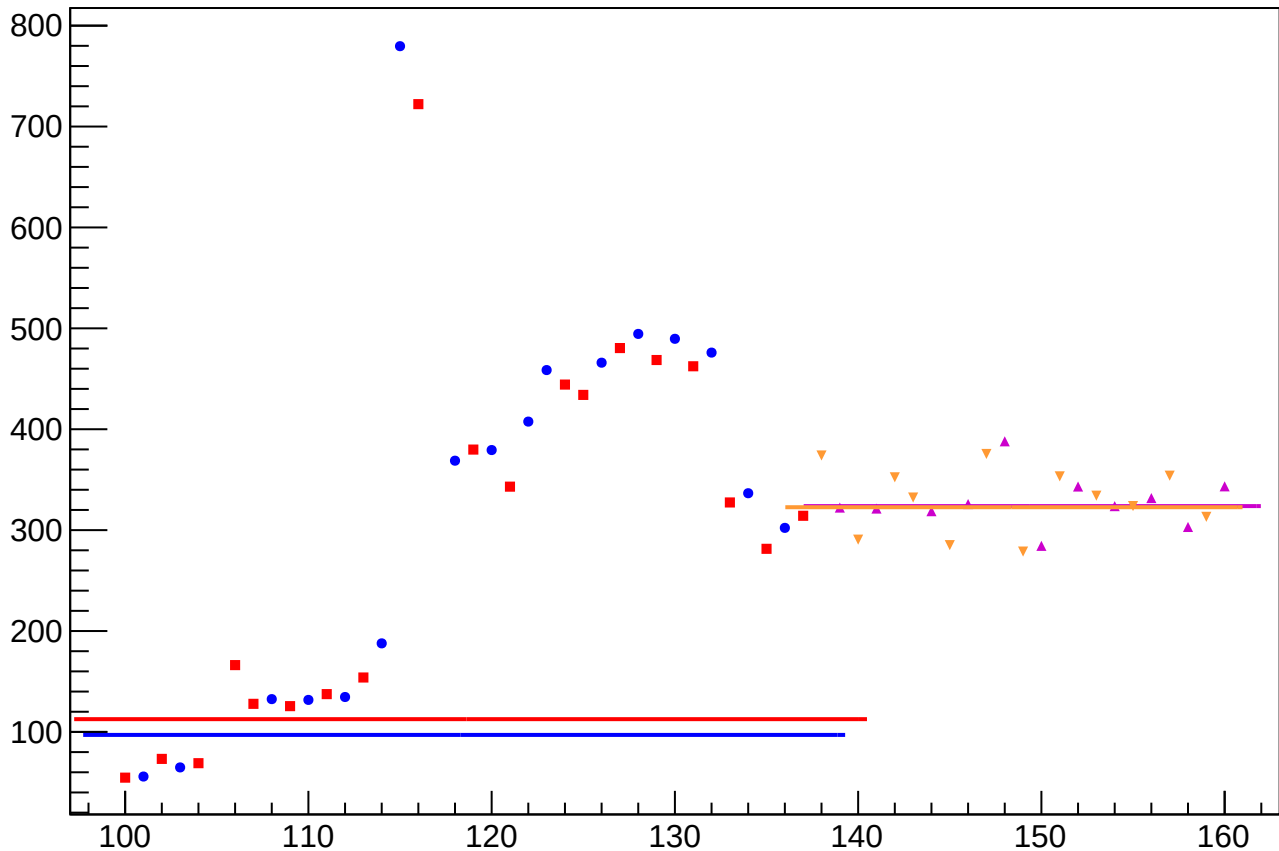
Right Out: 20.232 ± 53.274 χ^2/NDF : 18.9/18

Left In: -192.140 ± 108.776 χ^2/NDF : 15.1/10

-19.478 ± 46.572 χ^2/NDF : 37.9/28

-20.854 ± 47.844 χ^2/NDF : 37.0/29

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039 ± 0.036 χ^2/NDF : 5819709.2/16

Left Out: 322.706 ± 0.077 χ^2/NDF : 177784.8/11

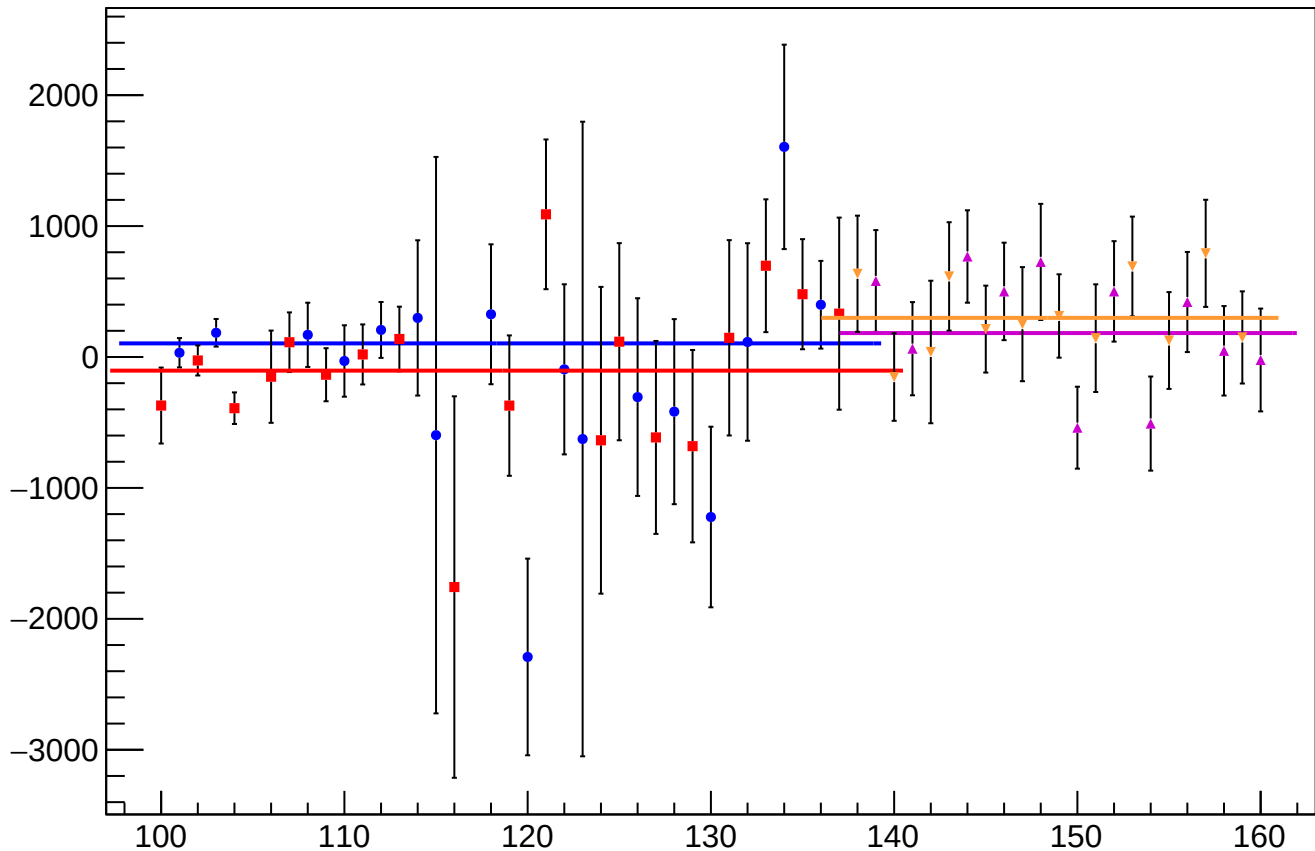
Right Out: 112.653 ± 0.038 χ^2/NDF : 5036306.5/18

Left In: 323.822 ± 0.077 χ^2/NDF : 96052.2/10

138.464 ± 0.033 χ^2/NDF : 13035289.8/28

153.506 ± 0.034 χ^2/NDF : 11211577.6/29

asym_sam_15_avg_mean vs Slug



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 298.939 $\pm$ 110.692 χ^2 /NDF: 6.4/11

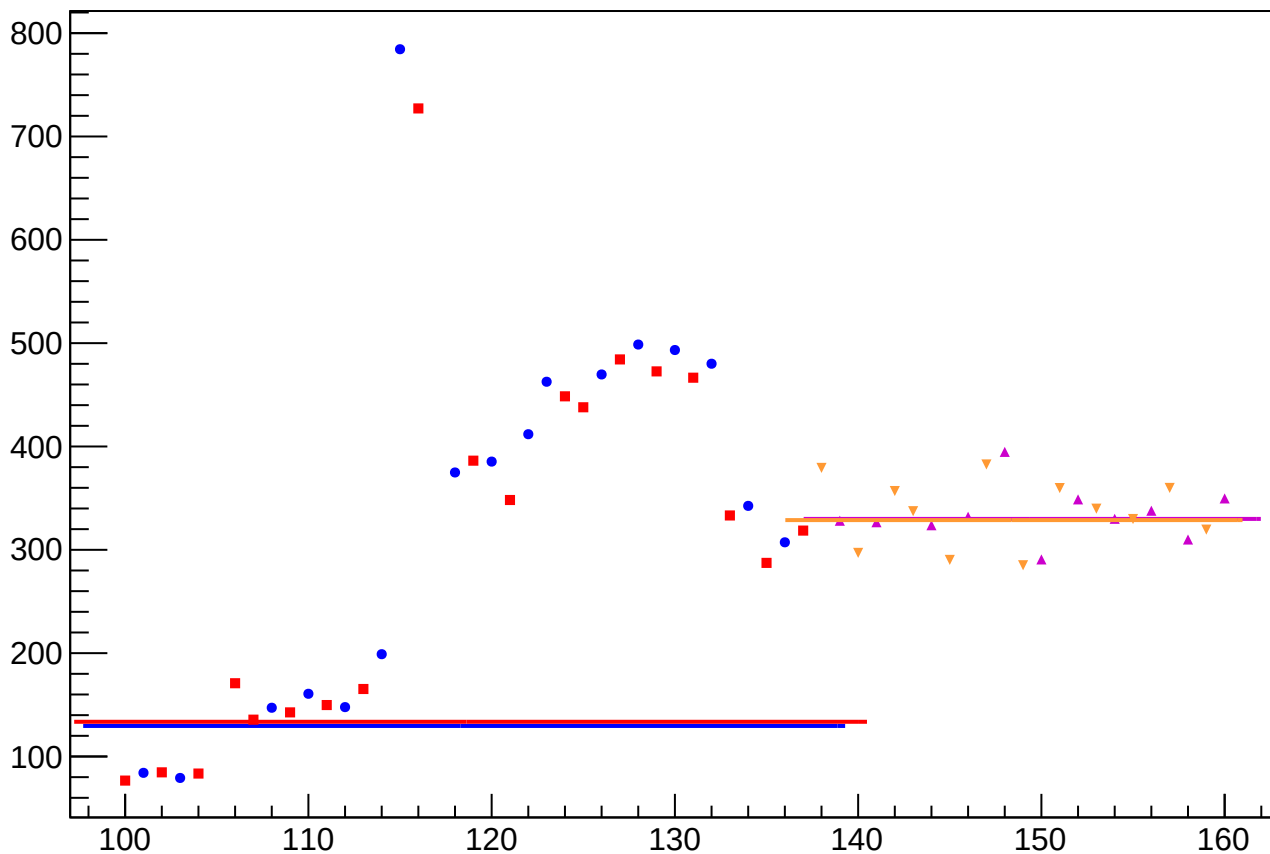
Right Out: -104.140 $\pm$ 60.857 χ^2 /NDF: 21.3/18

Left In: 182.840 $\pm$ 110.785 χ^2 /NDF: 16.7/10

151.876 $\pm$ 54.856 χ^2 /NDF: 30.0/28

-37.615 $\pm$ 53.339 χ^2 /NDF: 43.2/29

asym_sam_15_avg_rms vs Slug



Right In: 129.552+/-0.045 χ^2/NDF : 4772450.4/16

Left Out: 328.763+/-0.078 χ^2/NDF : 171313.9/11

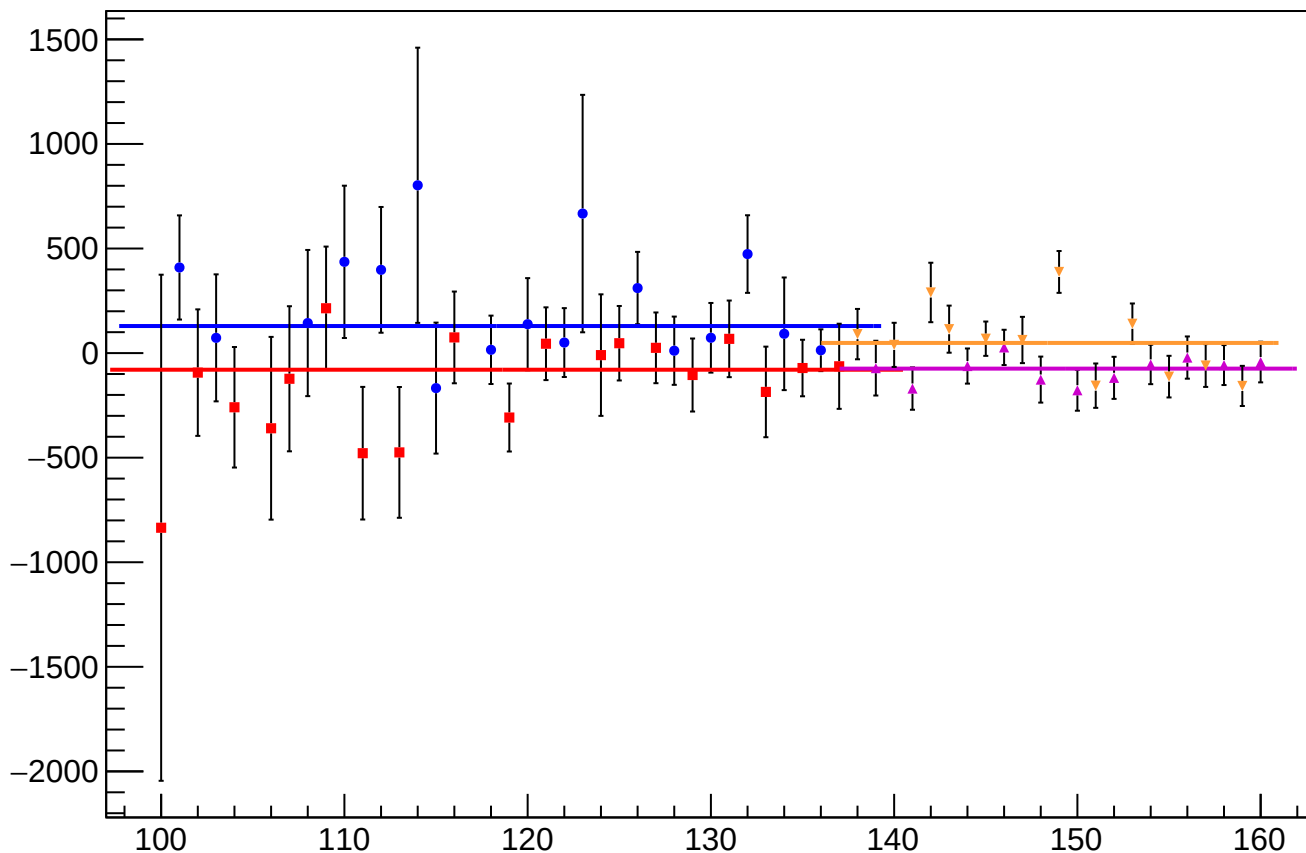
178.476+/-0.039 χ^2/NDF : 9830650.9/28

Right Out: 133.593+/-0.043 χ^2/NDF : 4366252.1/18

179.102+/-0.038 χ^2/NDF : 9283668.9/29

Left In: 329.914+/-0.078 χ^2/NDF : 92669.9/10

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 48.601 $\pm$ 29.911 χ^2 /NDF: 27.9/11

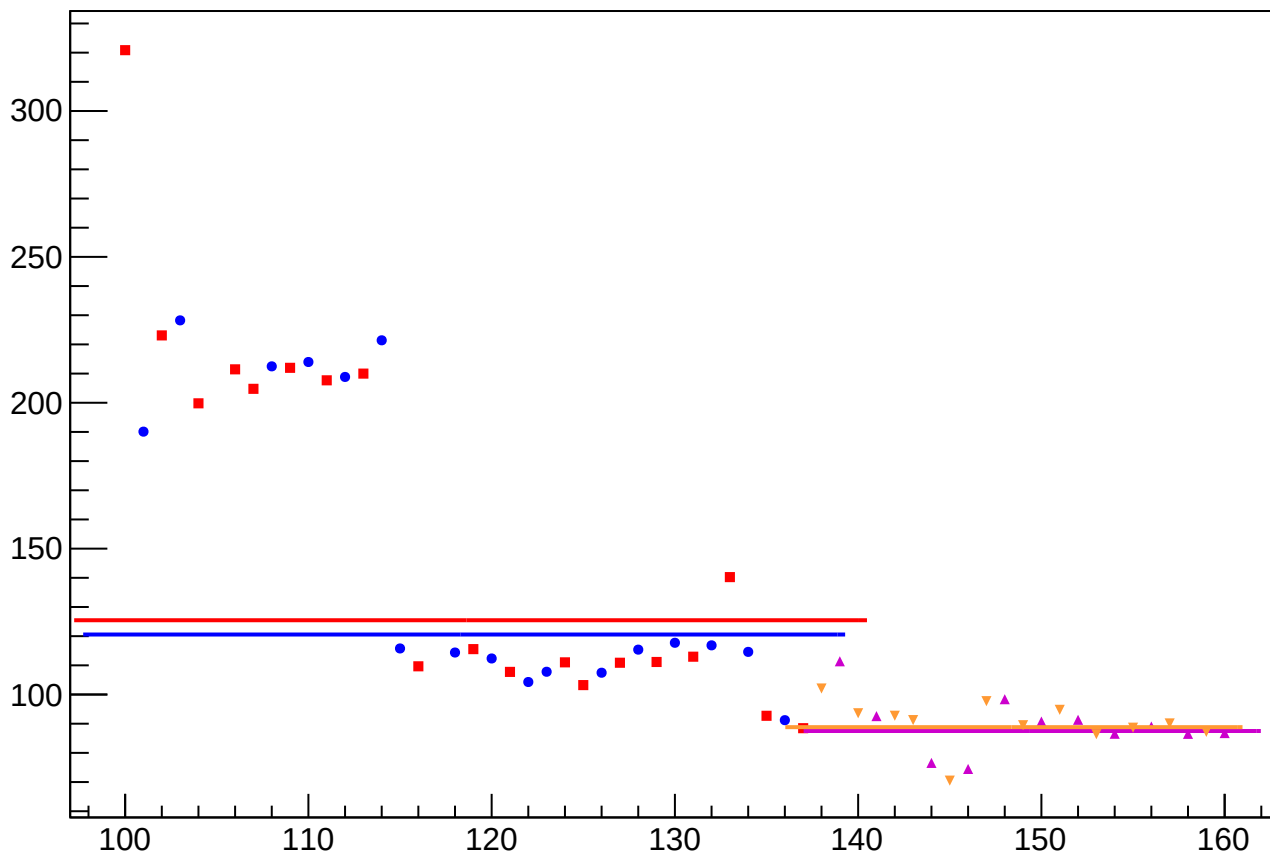
Right Out: -79.483 $\pm$ 49.886 χ^2 /NDF: 10.2/18

Left In: -74.273 $\pm$ 29.485 χ^2 /NDF: 4.4/10

70.456 $\pm$ 25.548 χ^2 /NDF: 42.8/28

-75.622 $\pm$ 25.383 χ^2 /NDF: 14.6/29

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565+/-0.035 χ^2/NDF : 1112076.4/16

Left Out: 88.812+/-0.021 χ^2/NDF : 151930.5/11

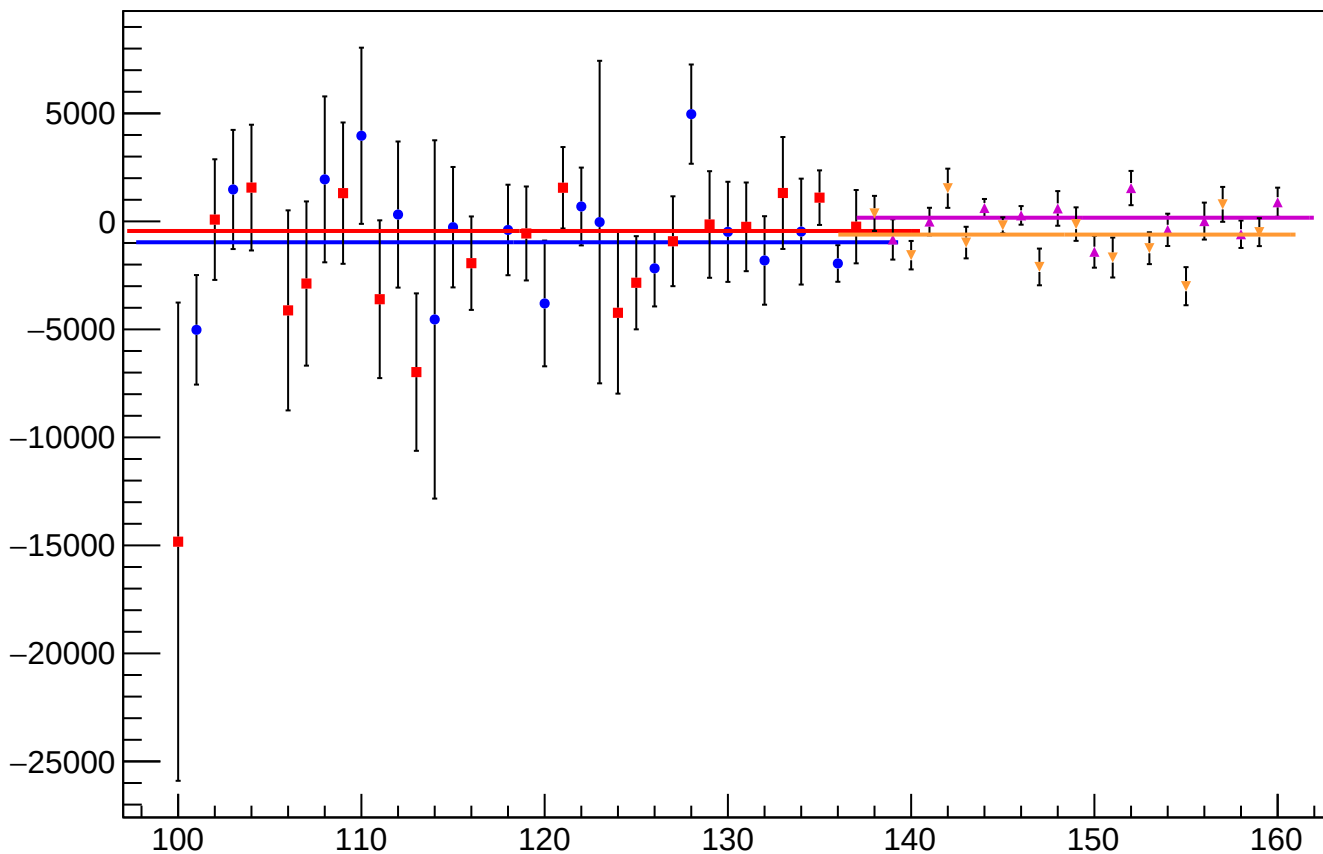
Right Out: 125.458+/-0.035 χ^2/NDF : 1333754.6/18

Left In: 87.496+/-0.021 χ^2/NDF : 178813.4/10

97.401+/-0.018 χ^2/NDF : 1873652.5/28

97.325+/-0.018 χ^2/NDF : 2370901.9/29

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587 ± 512.340 χ^2/NDF : 16.4/16

Left Out: -611.562 ± 198.275 χ^2/NDF : 26.7/11

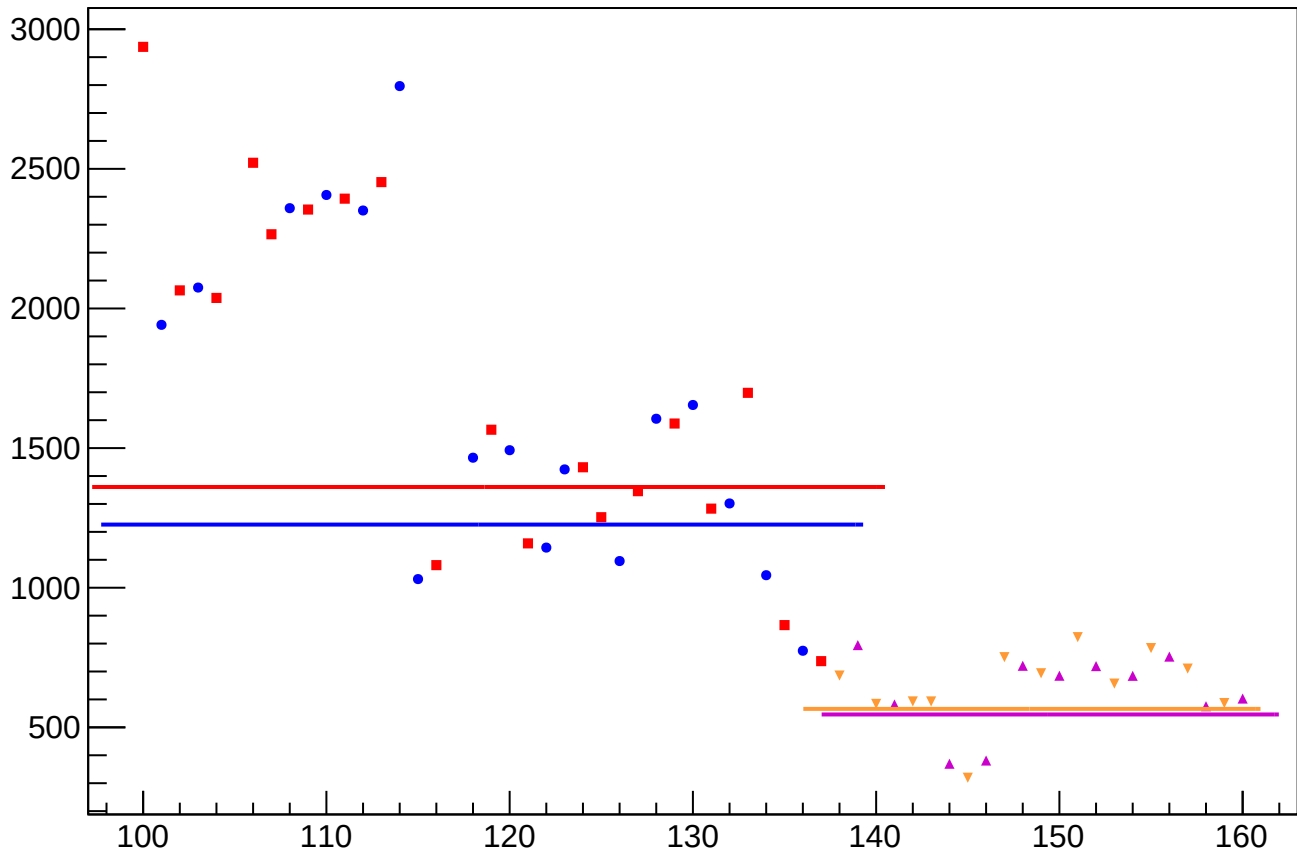
Right Out: -444.406 ± 545.370 χ^2/NDF : 13.4/18

Left In: 169.561 ± 190.500 χ^2/NDF : 13.5/10

-657.807 ± 184.911 χ^2/NDF : 43.4/28

102.796 ± 179.844 χ^2/NDF : 28.0/29

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 566.149+/-0.140 χ^2/NDF : 1453423.6/11

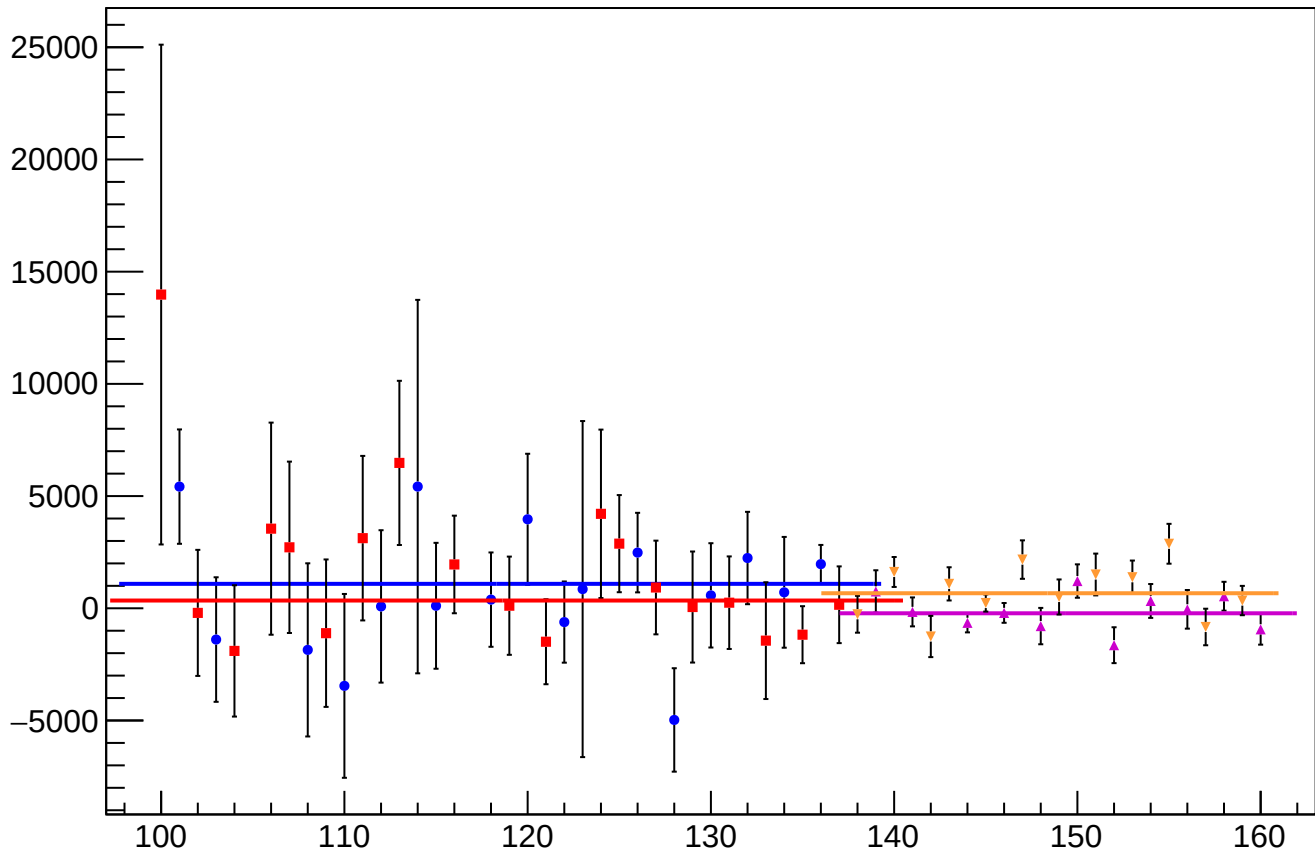
652.118+/-0.131 χ^2/NDF : 6096253.3/28

Right Out: 1360.770+/-0.386 χ^2/NDF : 1749074.9/18

634.736+/-0.127 χ^2/NDF : 6990307.5/29

Left In: 546.151+/-0.135 χ^2/NDF : 1264207.4/10

asym_sam_26_avg_mean vs Slug



Right In: 1089.066 ± 515.272 χ^2/NDF : 16.9/16

Left Out: 670.419 ± 201.160 χ^2/NDF : 24.0/11

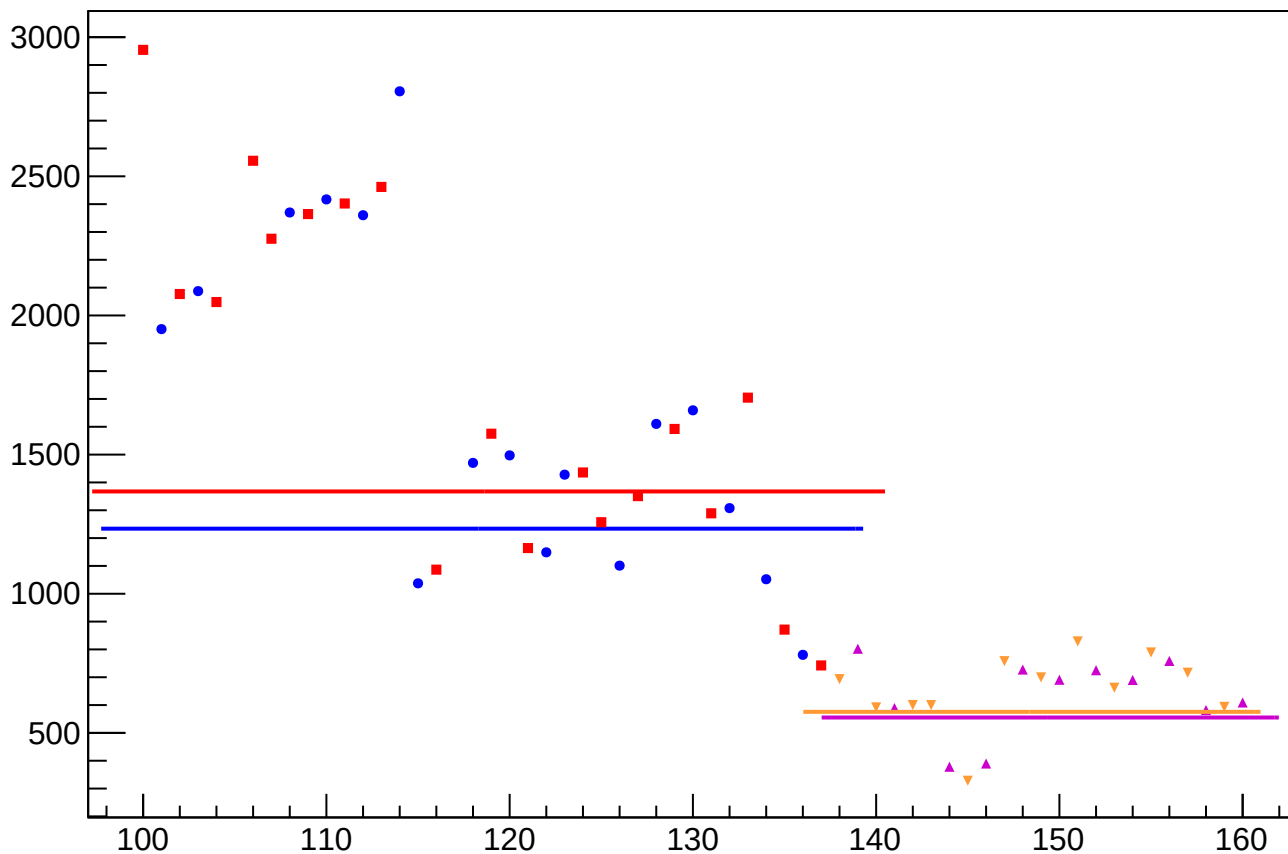
Right Out: 345.640 ± 548.191 χ^2/NDF : 12.5/18

Left In: -222.767 ± 193.332 χ^2/NDF : 12.5/10

725.786 ± 187.386 χ^2/NDF : 41.5/28

-159.890 ± 182.325 χ^2/NDF : 26.0/29

asym_sam_26_avg_rms vs Slug



Right In: 1233.863 ± 0.364 $\chi^2/\text{NDF}: 1744048.5/16$

Left Out: 575.676 ± 0.142 $\chi^2/\text{NDF}: 1382578.8/11$

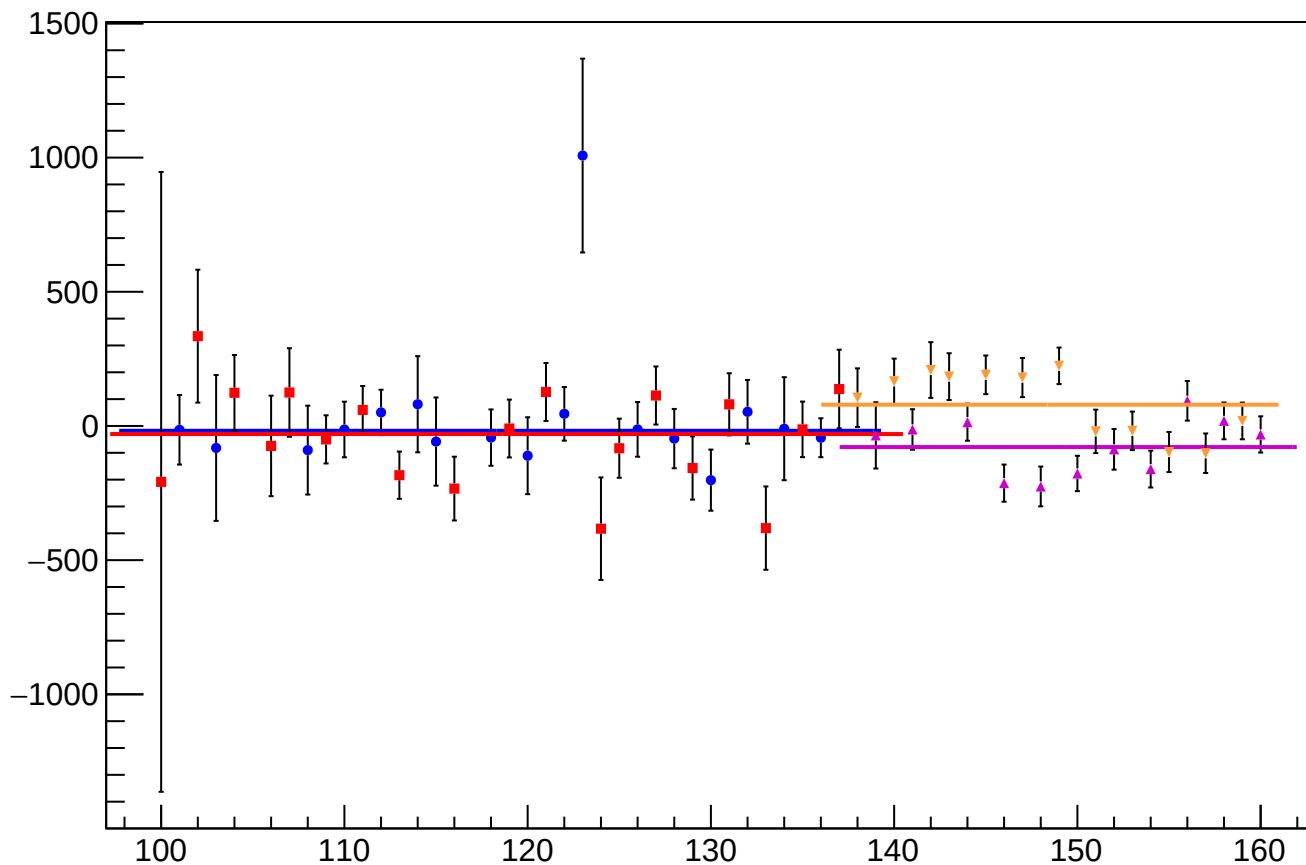
Right Out: 1367.609 ± 0.388 $\chi^2/\text{NDF}: 1744594.4/18$

Left In: 555.296 ± 0.137 $\chi^2/\text{NDF}: 1208128.5/10$

662.722 ± 0.133 $\chi^2/\text{NDF}: 5958340.2/28$

645.153 ± 0.129 $\chi^2/\text{NDF}: 6858437.8/29$

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 χ^2/NDF : 13.4/16

Left Out: 79.166 ± 22.545 χ^2/NDF : 28.7/11

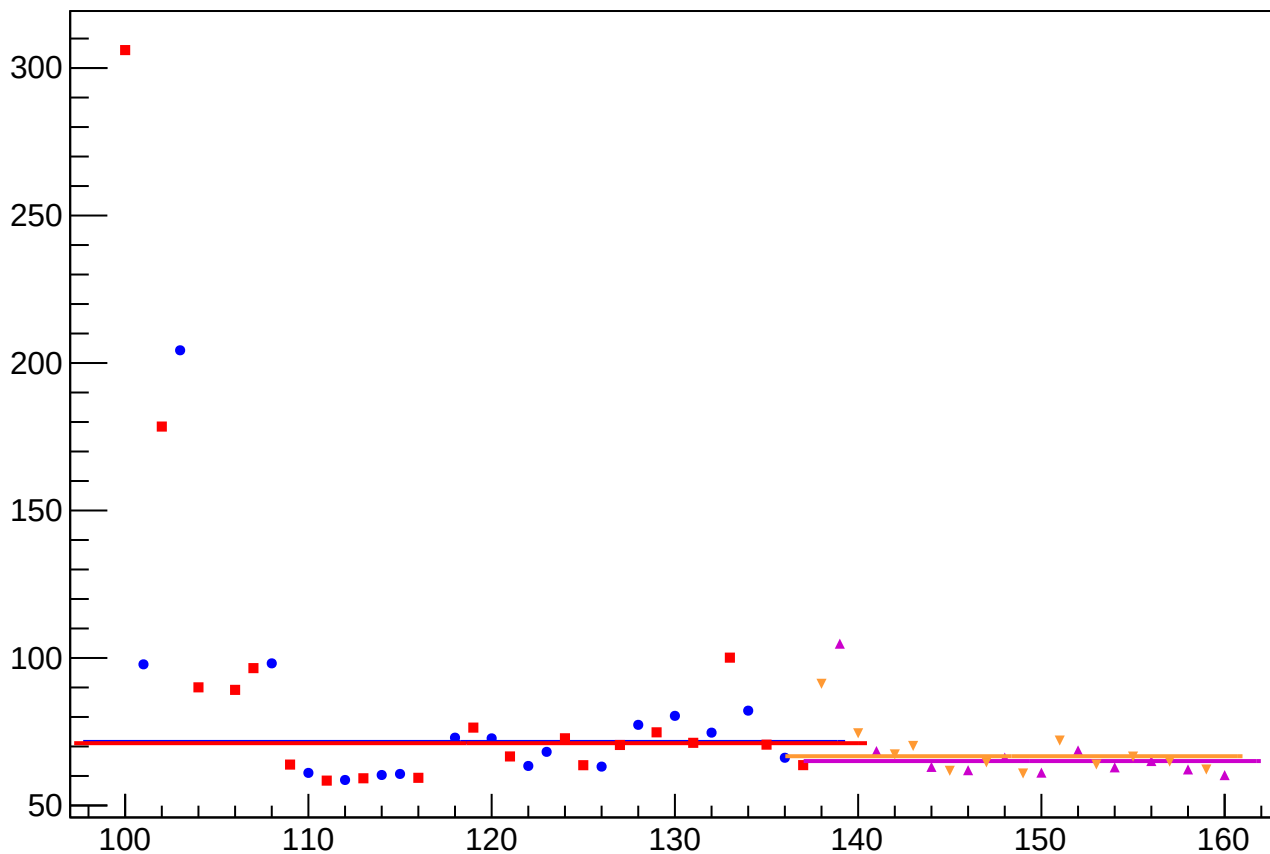
Right Out: -30.070 ± 27.976 χ^2/NDF : 27.4/18

Left In: -78.553 ± 21.963 χ^2/NDF : 22.0/10

42.334 ± 17.764 χ^2/NDF : 49.1/28

-60.066 ± 17.275 χ^2/NDF : 51.3/29

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536+/-0.020 χ^2/NDF : 758961.6/16

Left Out: 66.693+/-0.016 χ^2/NDF : 168445.3/11

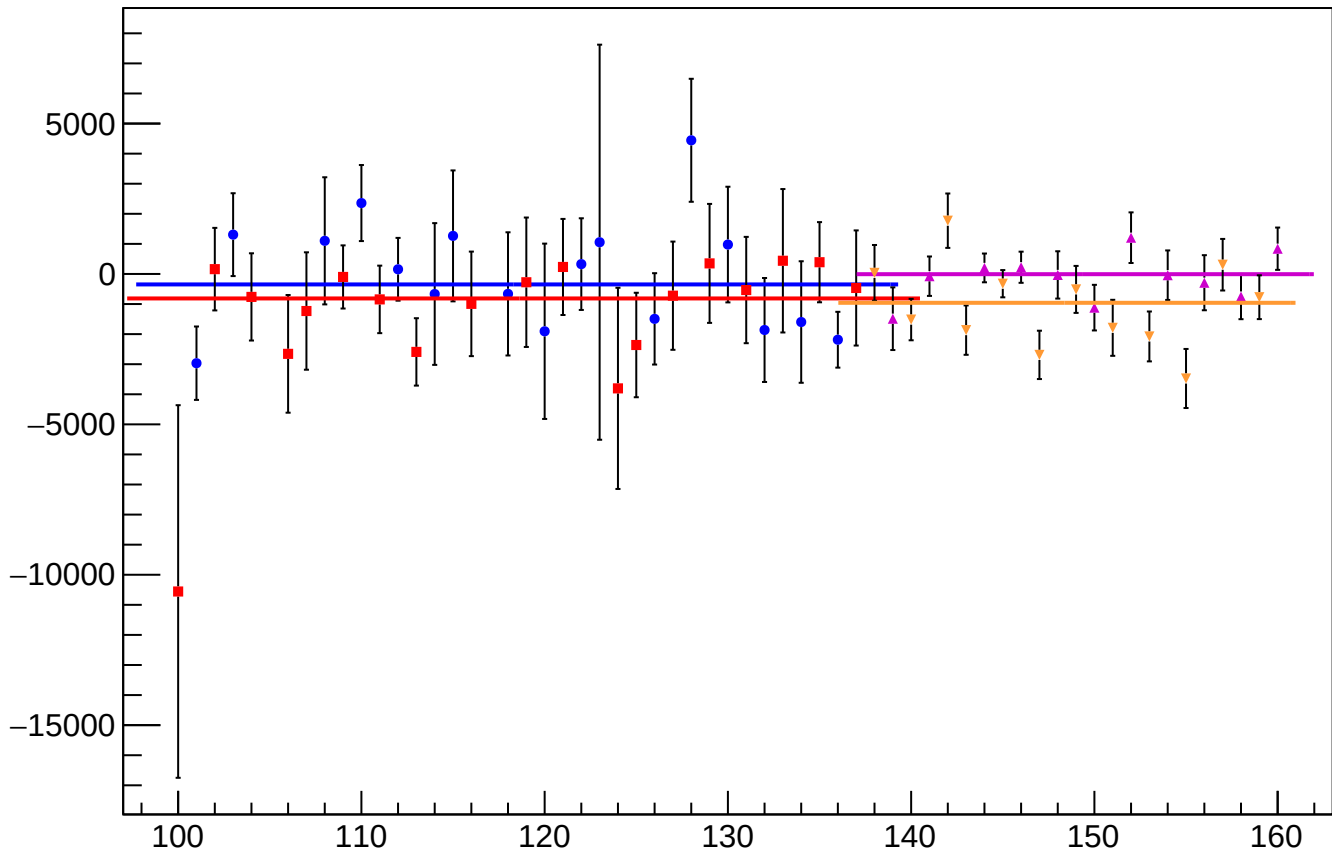
Right Out: 71.115+/-0.020 χ^2/NDF : 765159.2/18

Left In: 65.051+/-0.016 χ^2/NDF : 244836.5/10

68.529+/-0.013 χ^2/NDF : 962405.8/28

67.363+/-0.012 χ^2/NDF : 1068127.1/29

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939+/-381.994 χ^2/NDF : 24.1/16

Left Out: -958.928+/-218.551 χ^2/NDF : 30.5/11

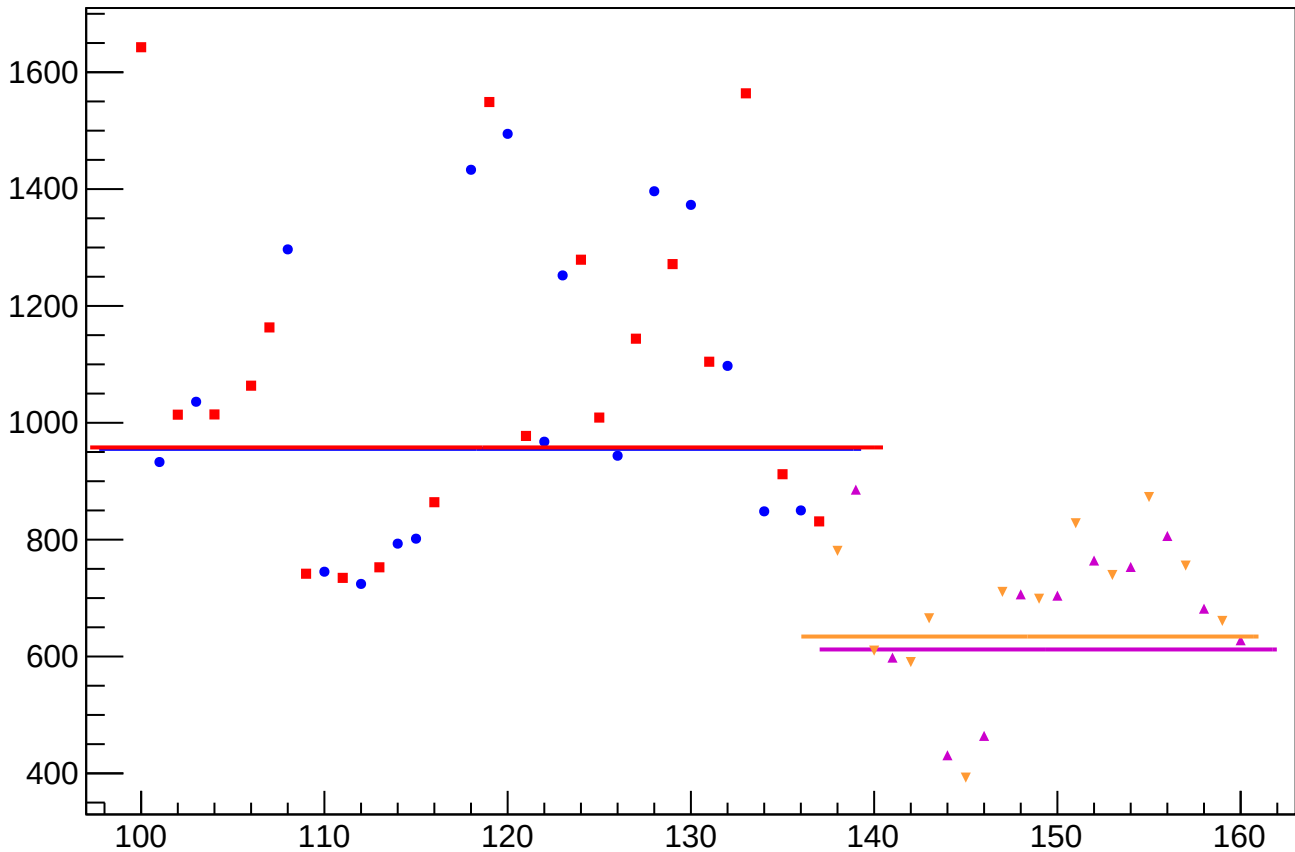
Right Out: -814.154+/-369.807 χ^2/NDF : 10.5/18

Left In: -7.439+/-210.436 χ^2/NDF : 9.2/10

-808.251+/-189.698 χ^2/NDF : 56.5/28

-204.766+/-182.897 χ^2/NDF : 23.3/29

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 634.184+/-0.155 χ^2/NDF : 940366.6/11

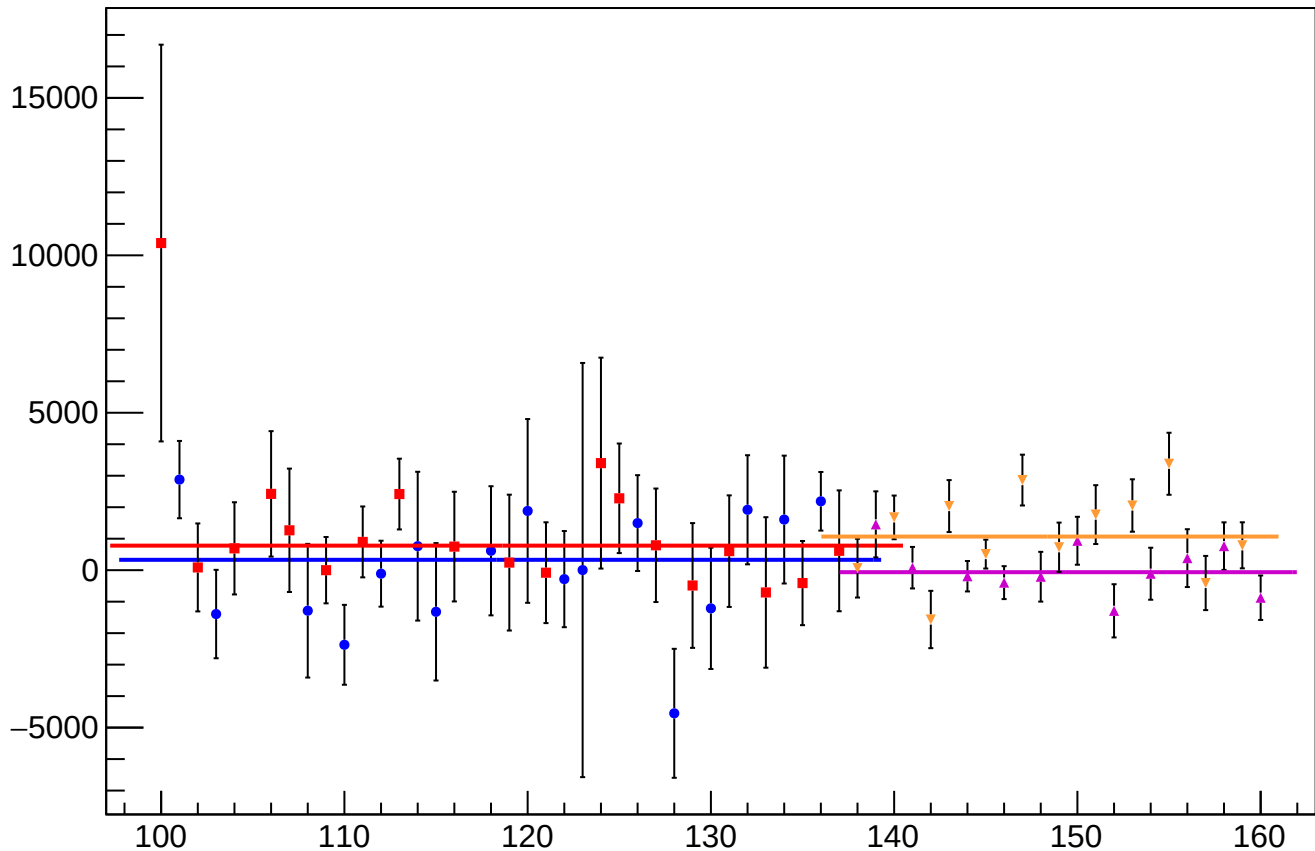
Right Out: 957.849+/-0.261 χ^2/NDF : 693081.8/18

Left In: 612.047+/-0.149 χ^2/NDF : 879594.3/10

713.406+/-0.134 χ^2/NDF : 2652492.7/28

696.632+/-0.129 χ^2/NDF : 2893689.7/29

asym_sam_37_avg_mean vs Slug



Right In: 329.164 ± 383.728 χ^2/NDF : 24.3/16

Left Out: 1067.901 ± 220.057 χ^2/NDF : 28.8/11

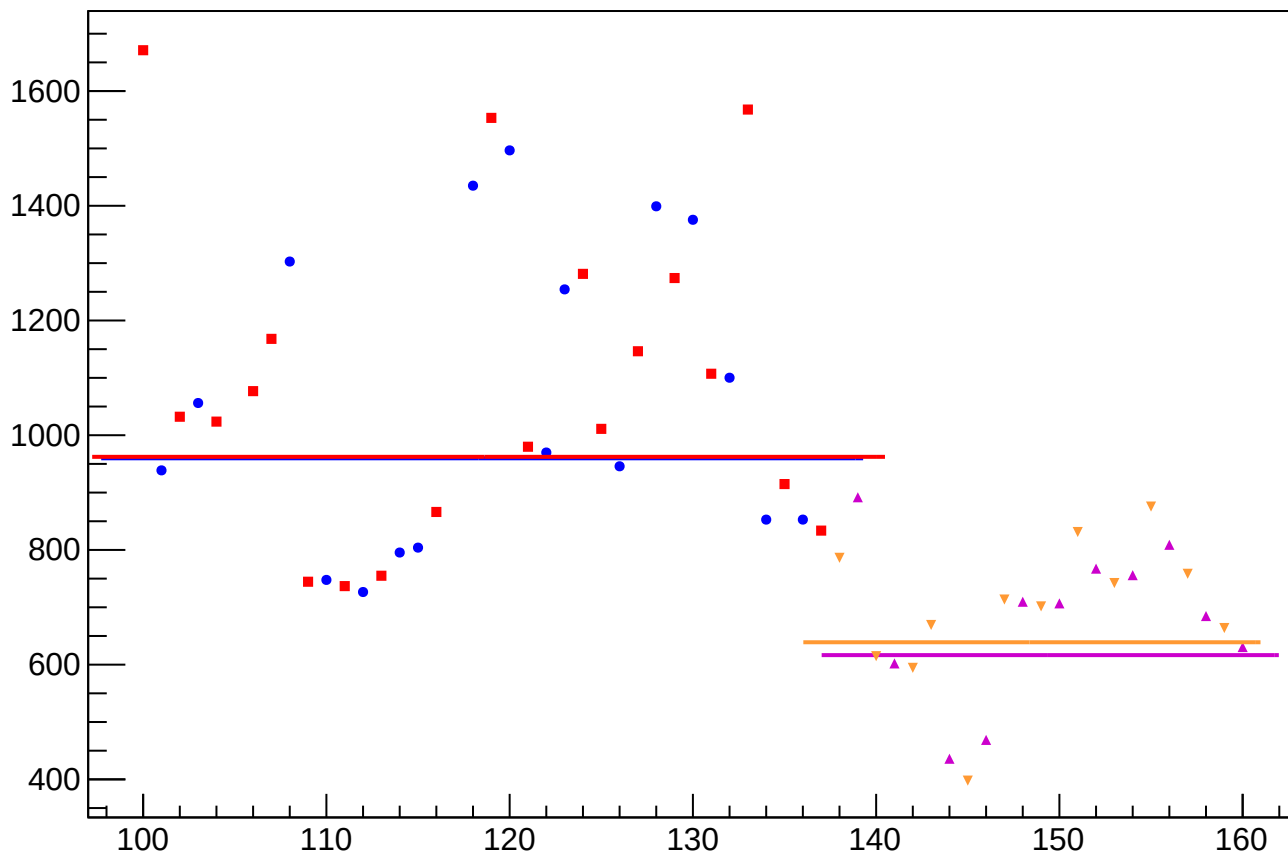
Right Out: 779.623 ± 371.673 χ^2/NDF : 9.3/18

Left In: -63.548 ± 211.871 χ^2/NDF : 9.2/10

885.078 ± 190.895 χ^2/NDF : 55.9/28

143.245 ± 184.065 χ^2/NDF : 22.4/29

asym_sam_37_avg_rms vs Slug



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 639.042 $\pm$ 0.156 χ^2 /NDF: 913600.0/11

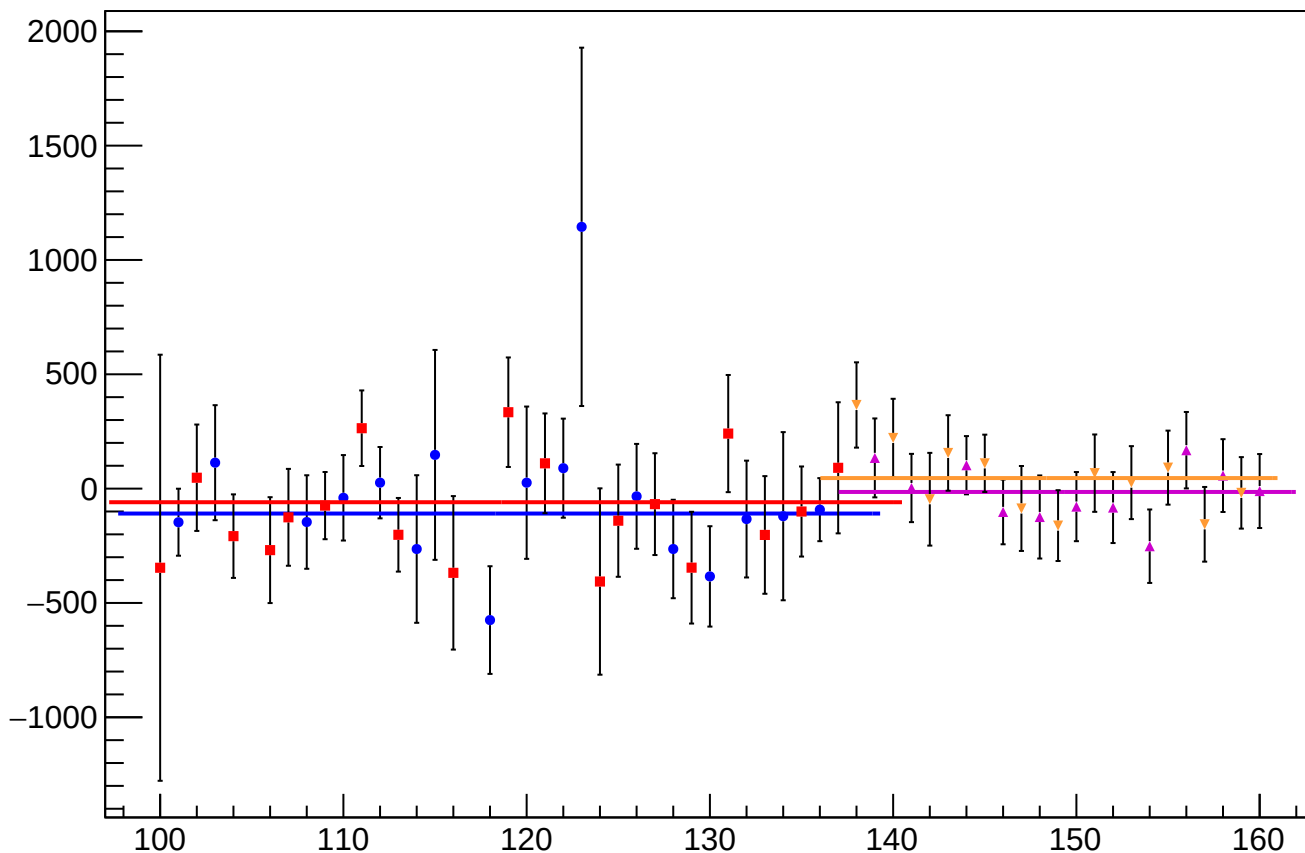
Right Out: 962.314 $\pm$ 0.263 χ^2 /NDF: 695757.2/18

Left In: 616.627 $\pm$ 0.150 χ^2 /NDF: 858667.4/10

718.416 $\pm$ 0.135 χ^2 /NDF: 2611744.9/28

701.409 $\pm$ 0.130 χ^2 /NDF: 2860214.6/29

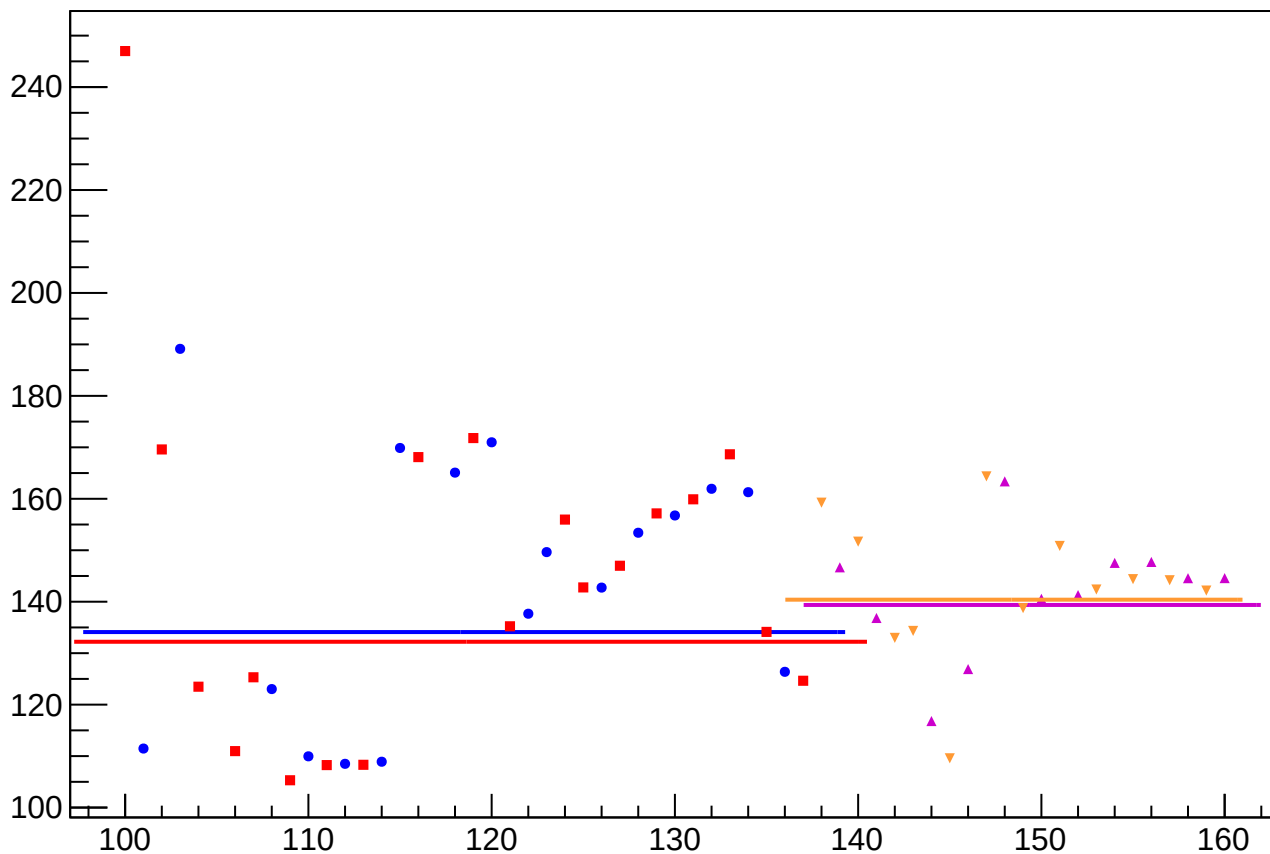
reg_asym_sam_48_avg_mean vs Slug



-22.580 +/- 35.226 χ^2/NDF : 25.8/28

-35.160 +/- 34.403 χ^2/NDF : 21.6/29

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103 ± 0.037 χ^2/NDF : 402581.2/16

Left Out: 140.395 ± 0.033 χ^2/NDF : 199158.4/11

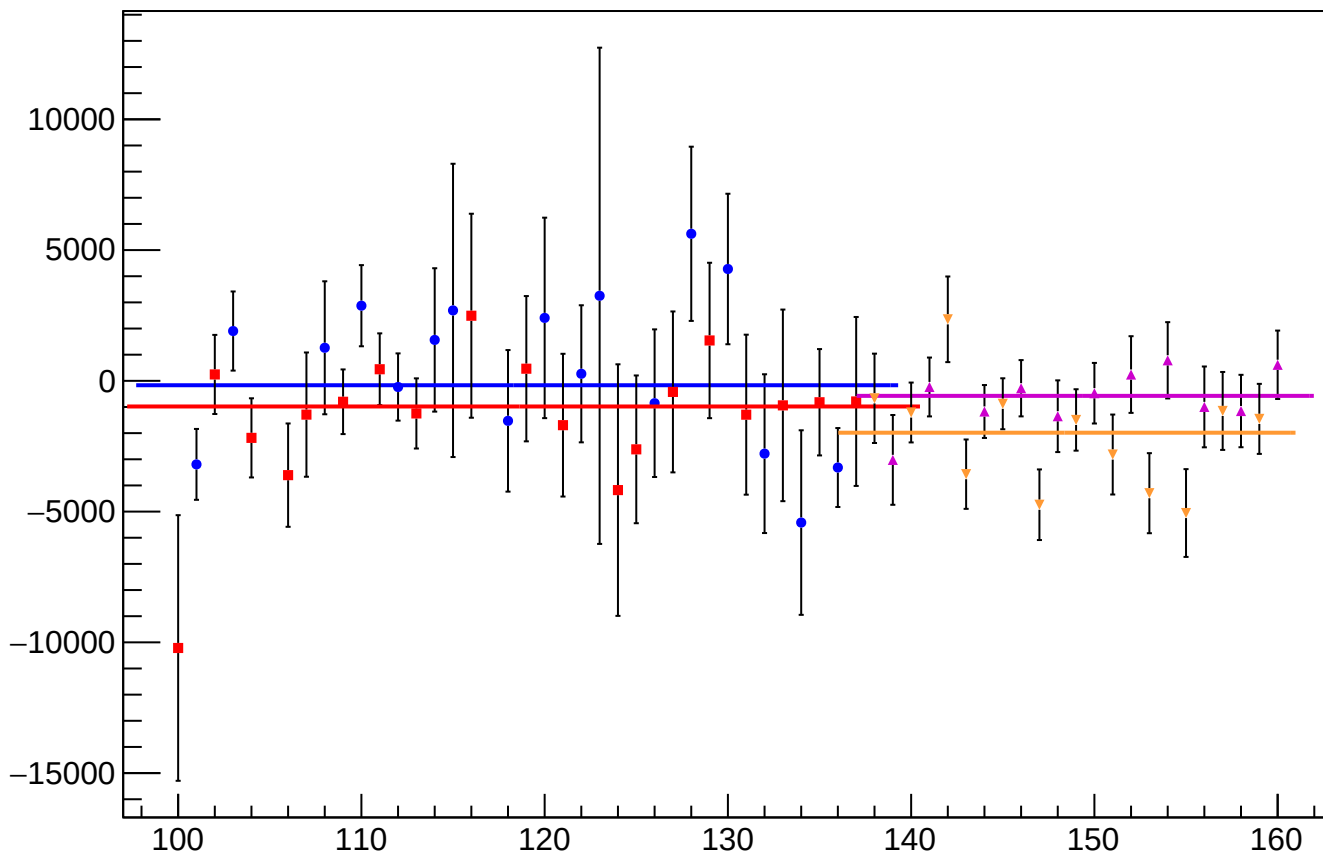
Right Out: 132.219 ± 0.036 χ^2/NDF : 441738.5/18

Left In: 139.370 ± 0.033 χ^2/NDF : 132165.0/10

137.607 ± 0.025 χ^2/NDF : 617482.1/28

136.093 ± 0.024 χ^2/NDF : 595356.8/29

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237 ± 523.672 χ^2/NDF : 25.3/16

Left Out: -1983.430 ± 389.511 χ^2/NDF : 21.5/11

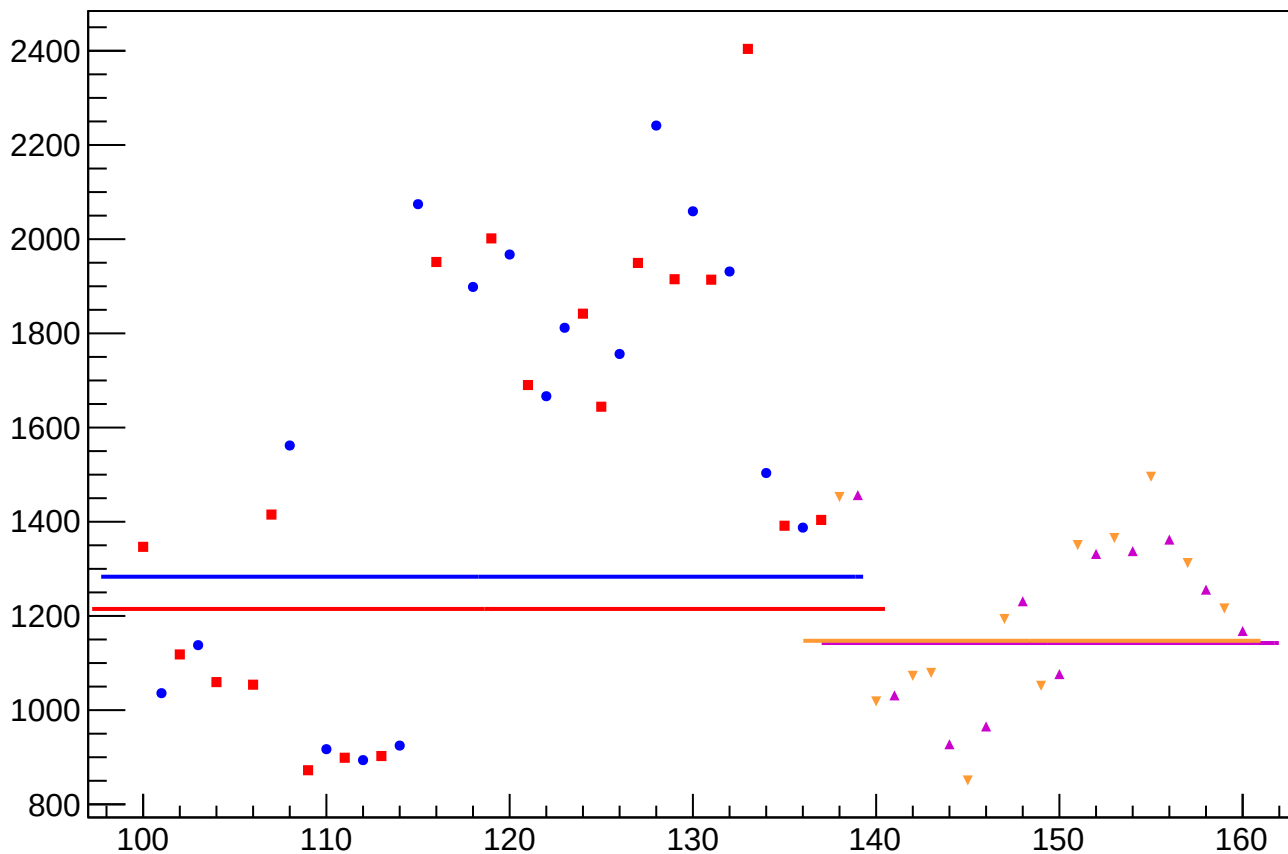
Right Out: -980.517 ± 480.968 χ^2/NDF : 10.2/18

Left In: -574.468 ± 386.164 χ^2/NDF : 5.1/10

-1336.879 ± 312.536 χ^2/NDF : 54.6/28

-733.623 ± 301.119 χ^2/NDF : 15.8/29

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318+/-0.370 χ^2 /NDF: 1169431.5/16

Left Out: 1147.253+/-0.275 χ^2 /NDF:491301.2/11

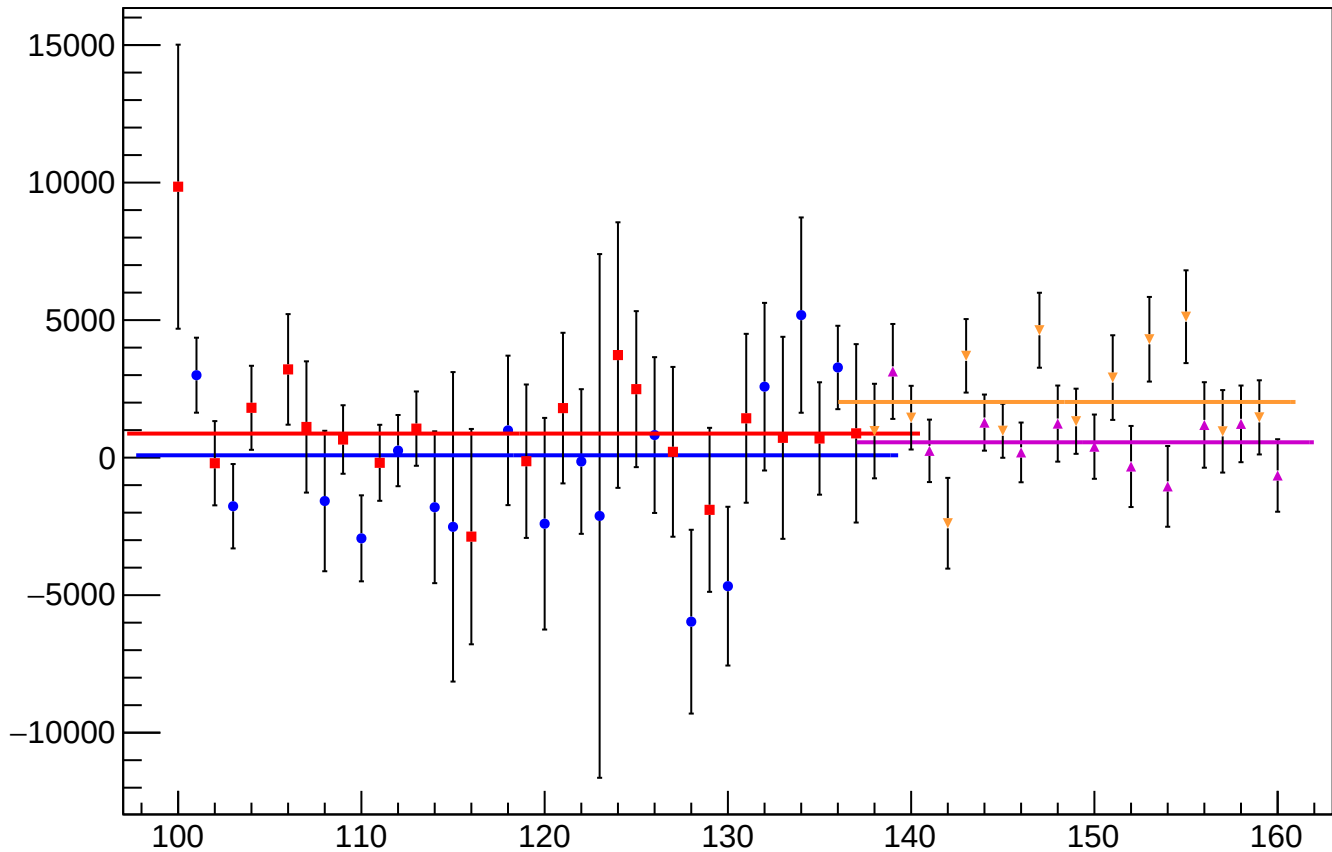
Right Out: 1214.883+/-0.340 χ^2 /NDF: 1360860.3/18

Left In: 1142.515+/-0.273 χ^2 /NDF:369327.0/10

1195.718+/-0.221 χ^2 /NDF: 1747661.0/28

1170.880+/-0.213 χ^2 /NDF: 1757718.4/29

asym_sam_48_avg_mean vs Slug



Right In: 85.077+/-527.082 χ^2/NDF : 24.7/16

Left Out: 2023.937+/-392.581 χ^2/NDF : 21.1/11

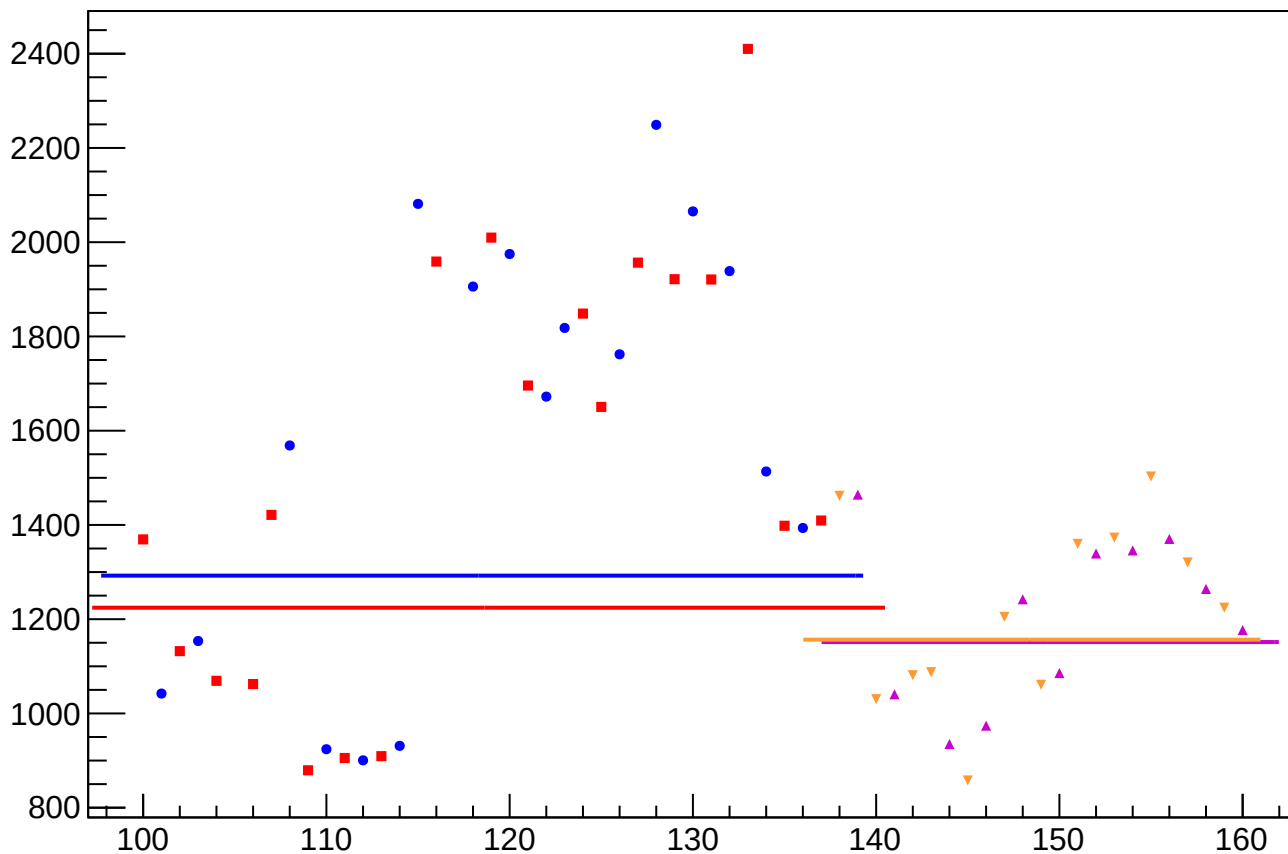
Right Out: 874.592+/-484.647 χ^2/NDF : 8.7/18

Left In: 557.911+/-389.124 χ^2/NDF : 6.0/10

1332.127+/-314.846 χ^2/NDF : 54.5/28

682.040+/-303.425 χ^2/NDF : 14.9/29

asym_sam_48_avg_rms vs Slug



Right In: 1292.426 $\pm$ 0.373 χ^2/NDF : 1156576.0/16

Left Out: 1156.590 $\pm$ 0.278 χ^2/NDF : 484401.0/11

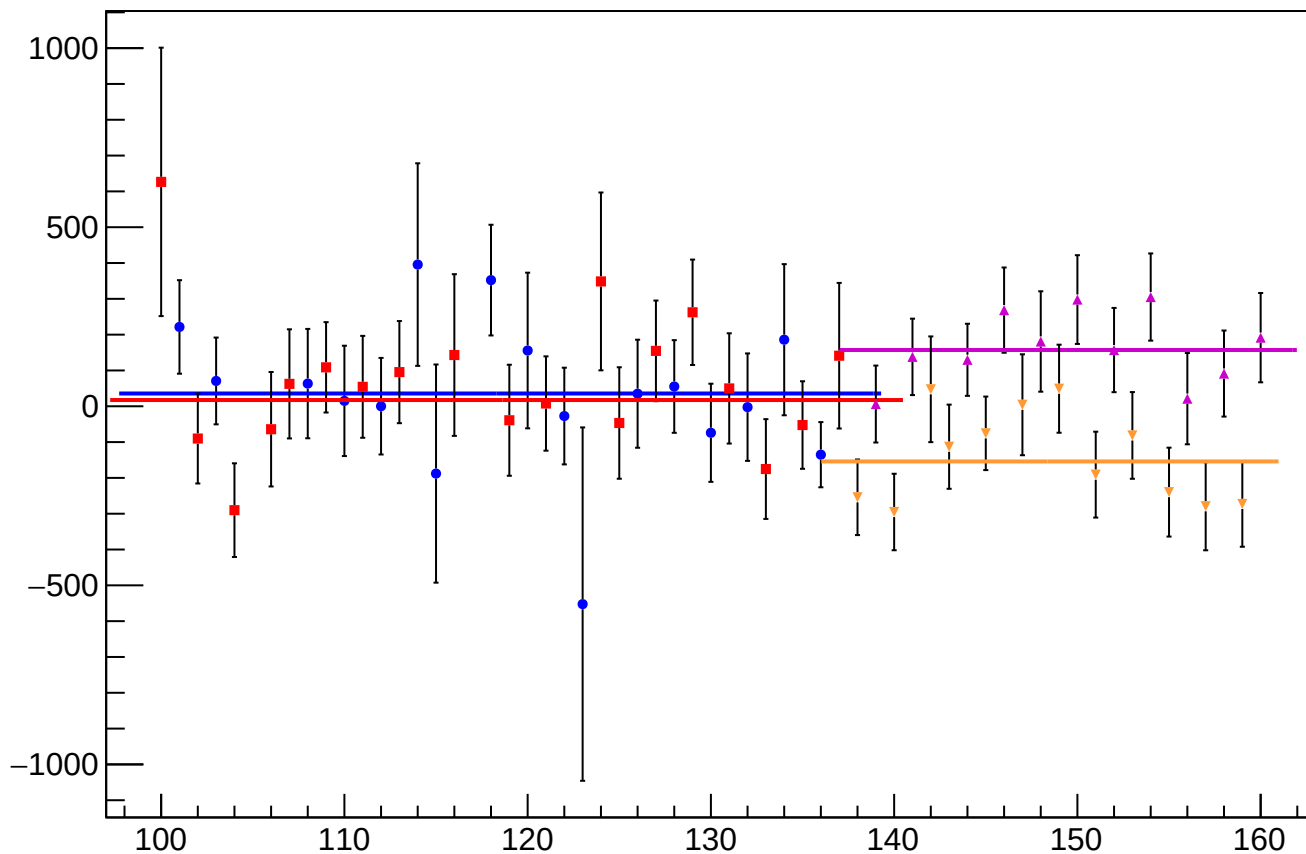
Right Out: 1224.429 $\pm$ 0.343 χ^2/NDF : 1345748.2/18

Left In: 1151.492 $\pm$ 0.275 χ^2/NDF : 364236.5/10

1205.058 $\pm$ 0.223 χ^2/NDF : 1726412.0/28

1180.081 $\pm$ 0.215 χ^2/NDF : 1737526.9/29

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679+/-36.350 χ^2/NDF : 15.3/16

Left Out: -154.063+/-34.381 χ^2/NDF : 12.2/11

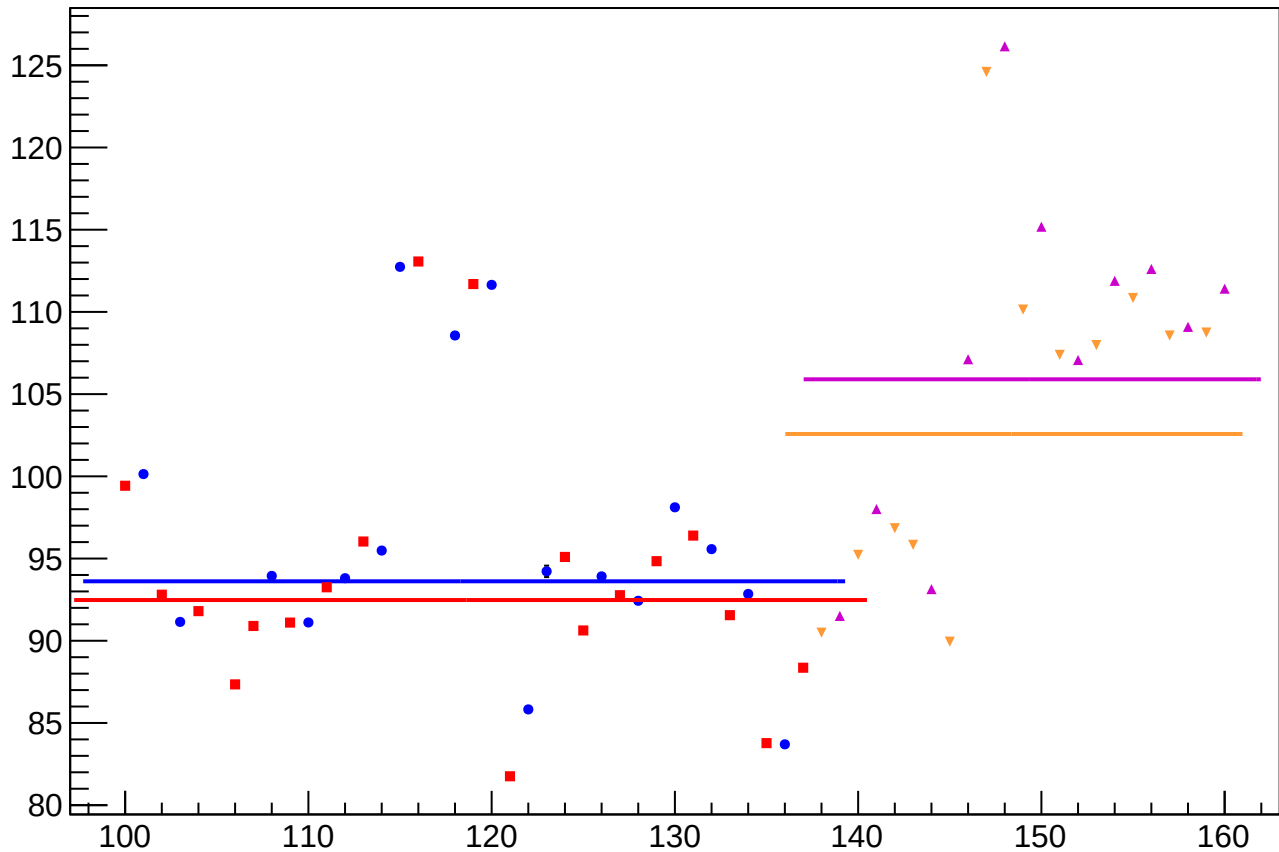
Right Out: 17.418+/-34.691 χ^2/NDF : 18.9/18

Left In: 157.168+/-35.472 χ^2/NDF : 7.3/10

-64.470+/-24.978 χ^2/NDF : 41.8/28

85.738+/-24.802 χ^2/NDF : 34.1/29

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 102.575+/-0.024 χ^2/NDF :158138.1/11

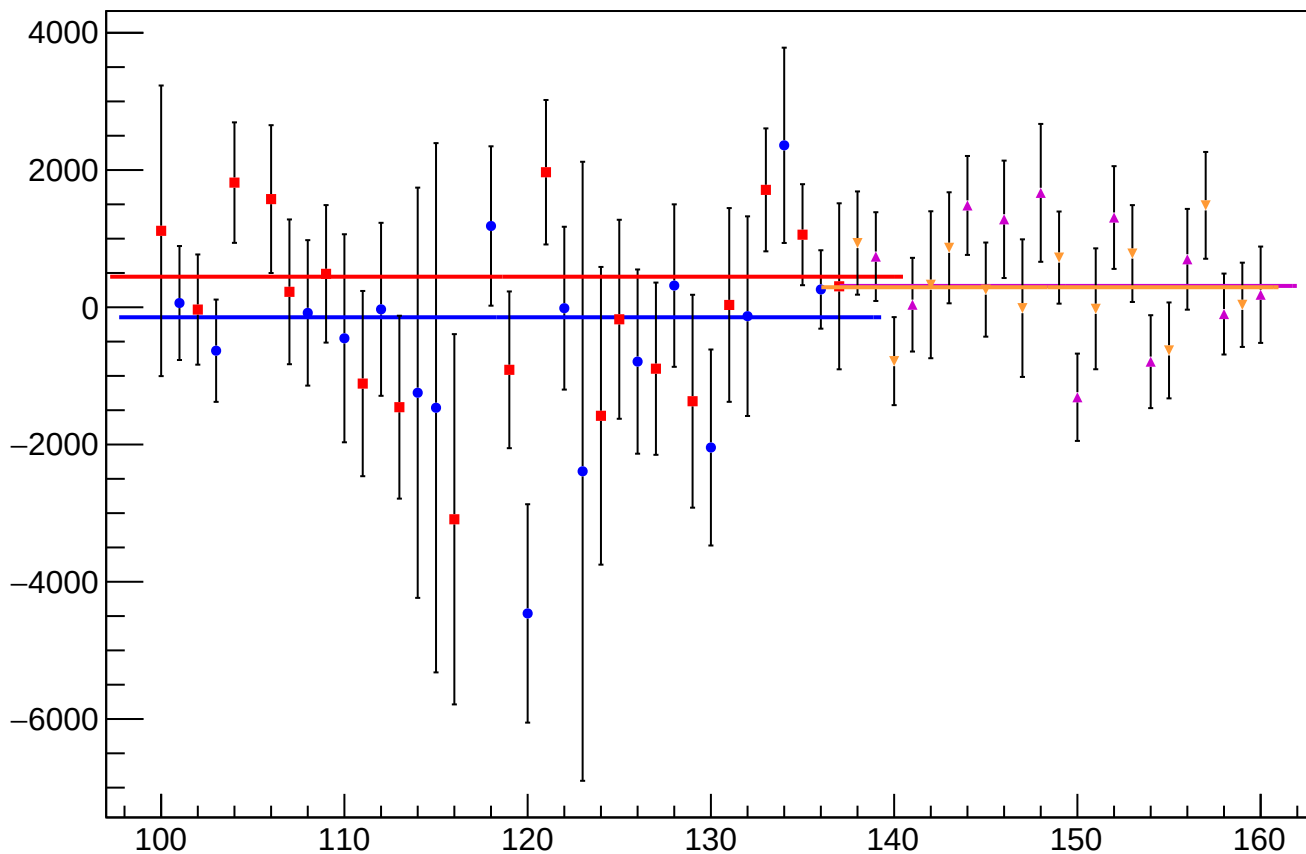
Right Out: 92.477+/-0.025 χ^2/NDF : 78591.0/18

Left In: 105.902+/-0.025 χ^2/NDF :148064.1/10

98.344+/-0.018 χ^2/NDF : 302183.7/28

99.040+/-0.018 χ^2/NDF : 373071.1/29

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464 ± 276.629 χ^2/NDF : 15.5/16

Left Out: 292.050 ± 215.251 χ^2/NDF : 9.4/11

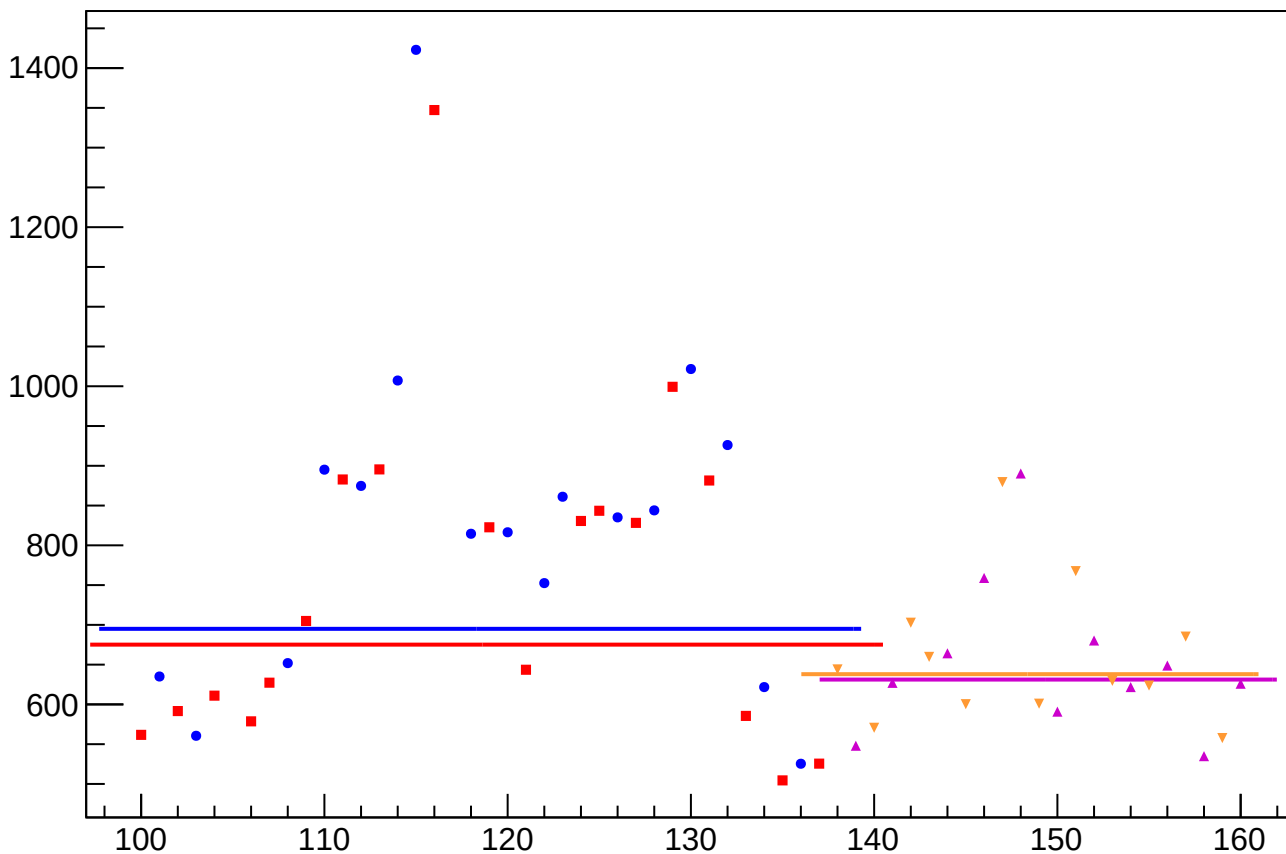
Right Out: 445.575 ± 260.276 χ^2/NDF : 19.0/18

Left In: 311.355 ± 213.139 χ^2/NDF : 18.1/10

127.050 ± 169.881 χ^2/NDF : 26.5/28

365.233 ± 164.902 χ^2/NDF : 37.2/29

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014 ± 0.196 χ^2/NDF : 677713.0/16

Left Out: 638.007 ± 0.152 χ^2/NDF : 245066.2/11

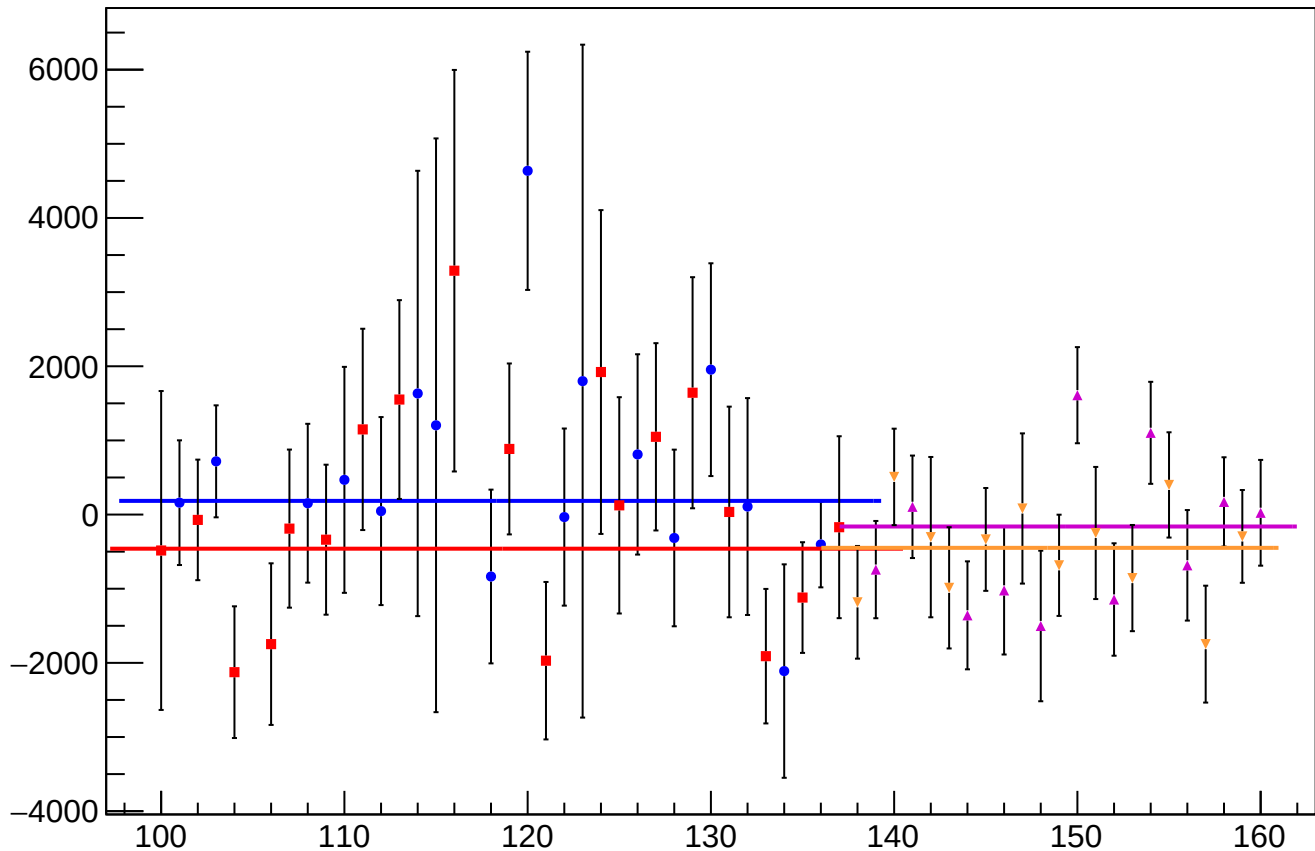
Right Out: 675.151 ± 0.184 χ^2/NDF : 676394.1/18

Left In: 631.224 ± 0.151 χ^2/NDF : 286603.3/10

659.506 ± 0.120 χ^2/NDF : 975682.2/28

648.856 ± 0.117 χ^2/NDF : 997097.6/29

asym_sam_15_dd_mean vs Slug



Right In: 184.518 ± 279.390 χ^2/NDF : 14.9/16

Left Out: -448.802 ± 218.194 χ^2/NDF : 8.5/11

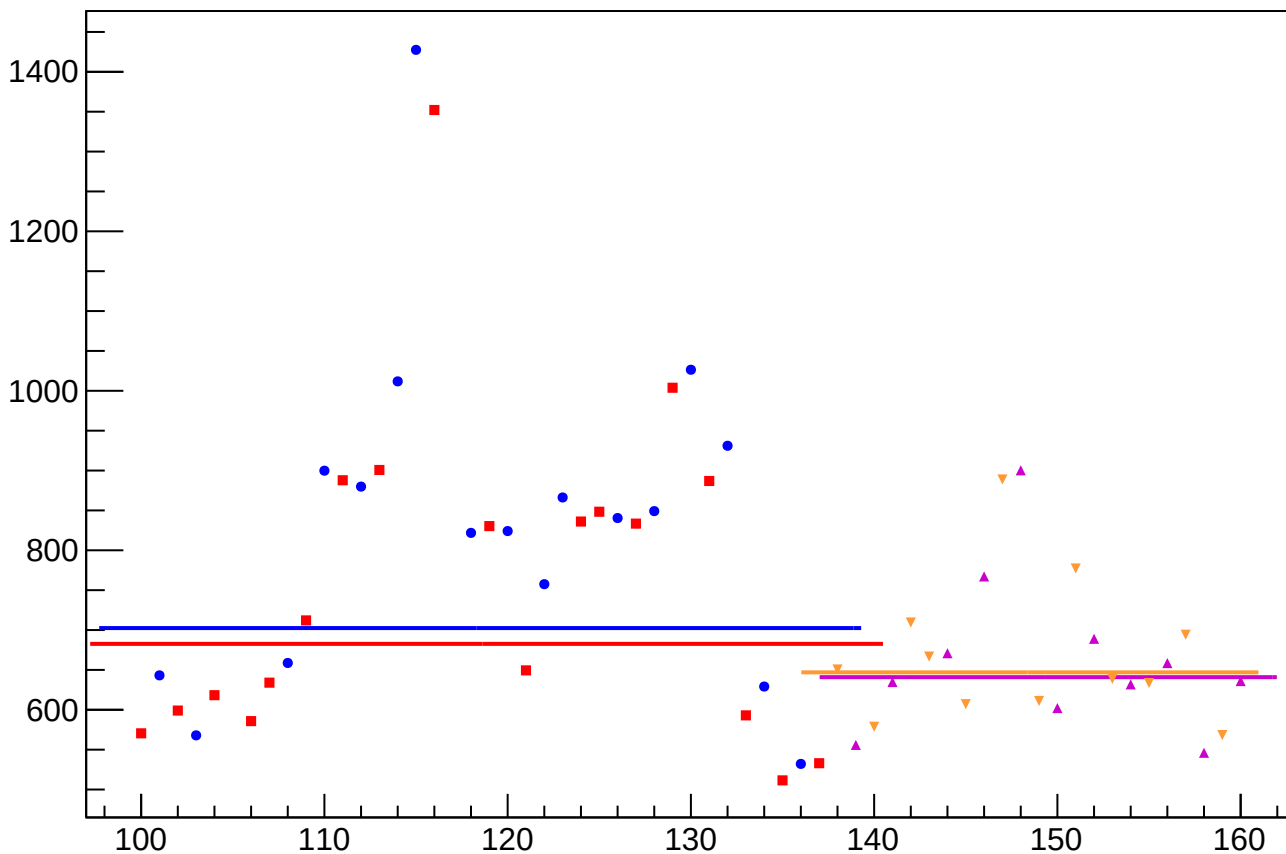
Right Out: -460.174 ± 262.960 χ^2/NDF : 22.3/18

Left In: -161.002 ± 216.313 χ^2/NDF : 19.8/10

-208.871 ± 171.966 χ^2/NDF : 26.7/28

-281.744 ± 167.054 χ^2/NDF : 42.8/29

asym_sam_15_dd_rms vs Slug



Right In: 702.469 $\pm$ 0.198 χ^2/NDF : 660525.4/16

Left Out: 646.967 $\pm$ 0.154 χ^2/NDF : 238567.2/11

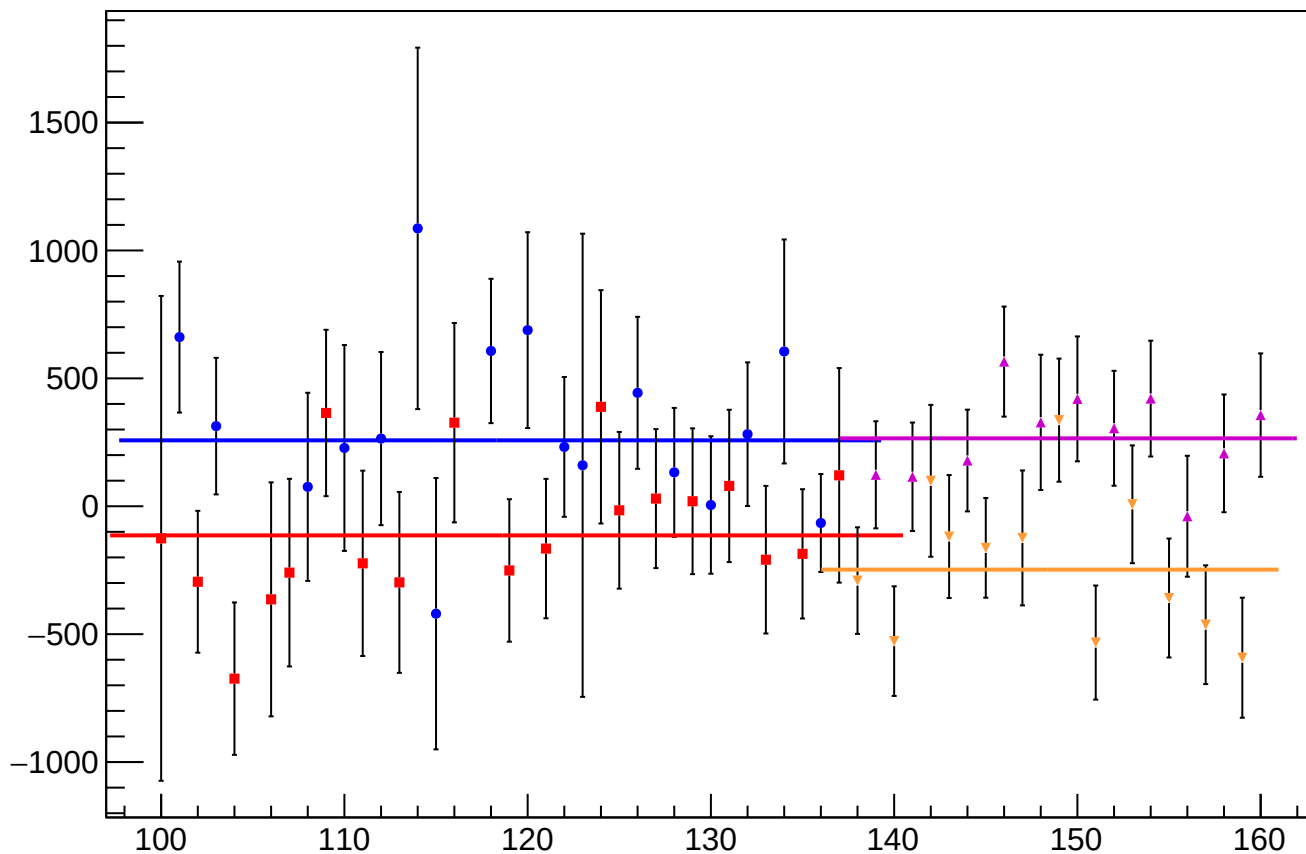
Right Out: 682.662 $\pm$ 0.186 χ^2/NDF : 659521.7/18

Left In: 640.911 $\pm$ 0.153 χ^2/NDF : 276710.4/10

667.994 $\pm$ 0.122 χ^2/NDF : 948118.3/28

657.761 $\pm$ 0.118 χ^2/NDF : 966301.6/29

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 ± 75.931 χ^2/NDF : 13.0/16

Left Out: -247.729 ± 66.576 χ^2/NDF : 15.8/11

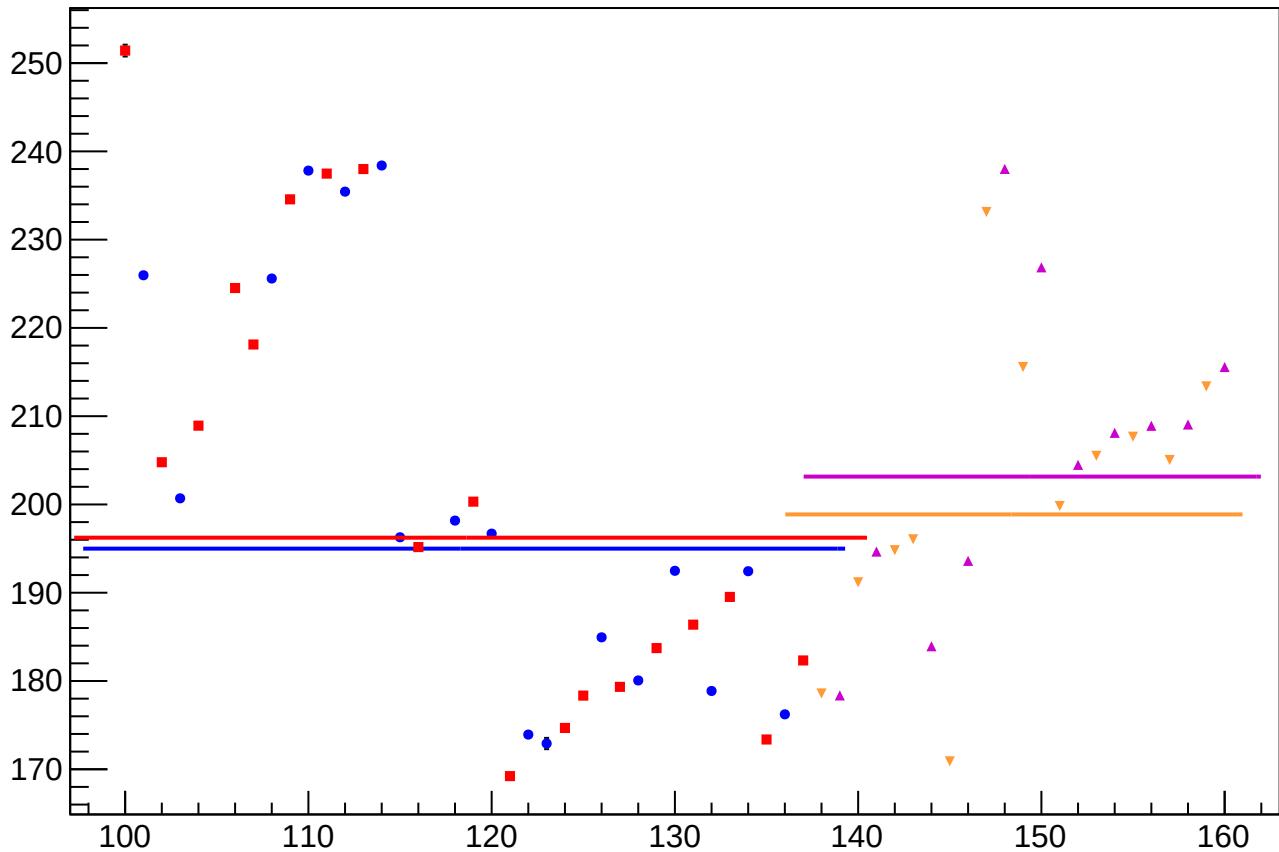
Right Out: -113.851 ± 74.211 χ^2/NDF : 11.2/18

Left In: 265.477 ± 67.990 χ^2/NDF : 5.9/10

-28.042 ± 50.059 χ^2/NDF : 53.9/28

92.377 ± 50.131 χ^2/NDF : 31.4/29

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 198.871 $\pm$ 0.047 χ^2 /NDF:120410.7/11

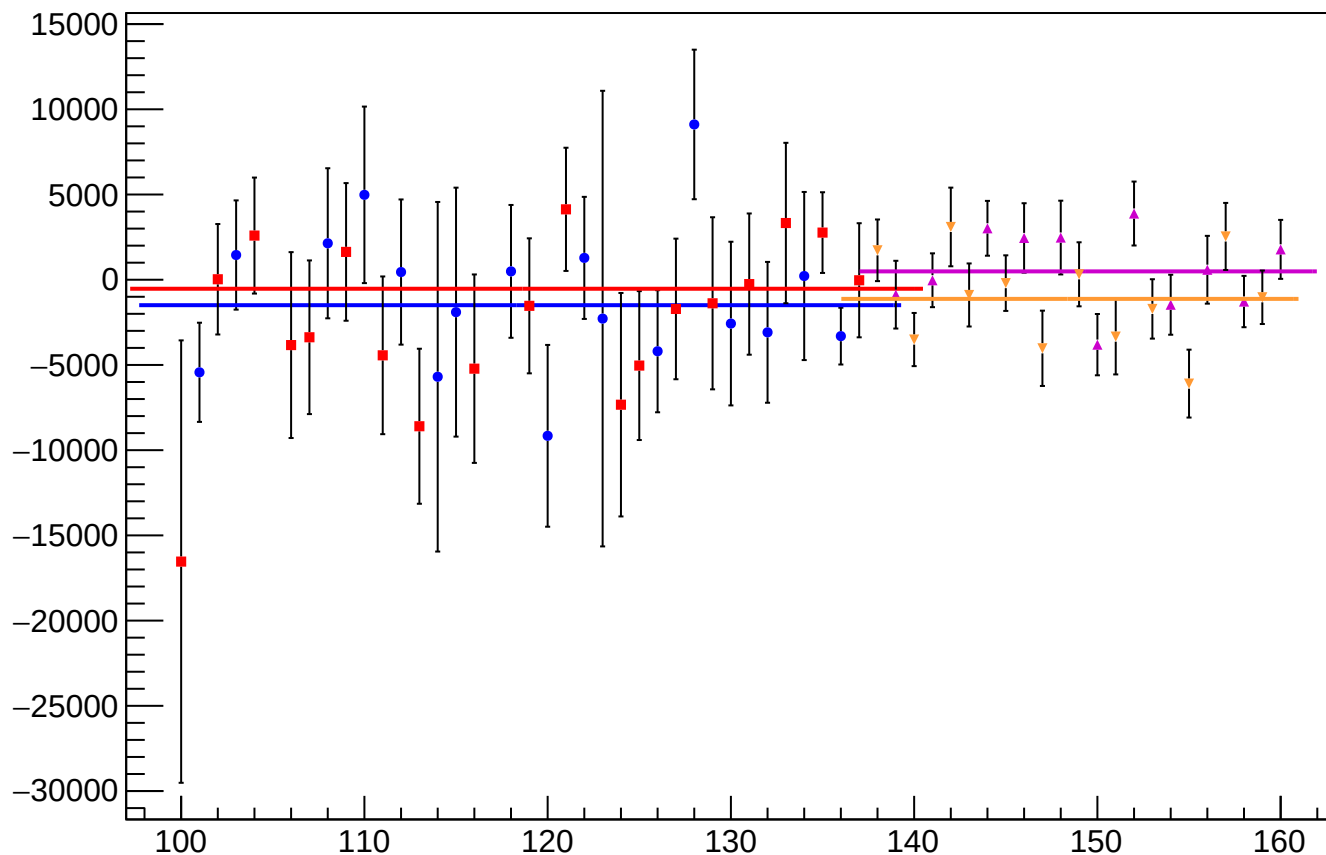
Right Out: 196.235 $\pm$ 0.052 χ^2 /NDF: 173491.6/18

Left In: 203.157 $\pm$ 0.048 χ^2 /NDF:116314.4/10

197.186 $\pm$ 0.035 χ^2 /NDF: 267628.4/28

199.998 $\pm$ 0.035 χ^2 /NDF: 299265.4/29

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 ± 910.834 χ^2/NDF : 16.1/16

Left Out: -1123.270 ± 533.727 χ^2/NDF : 21.6/11

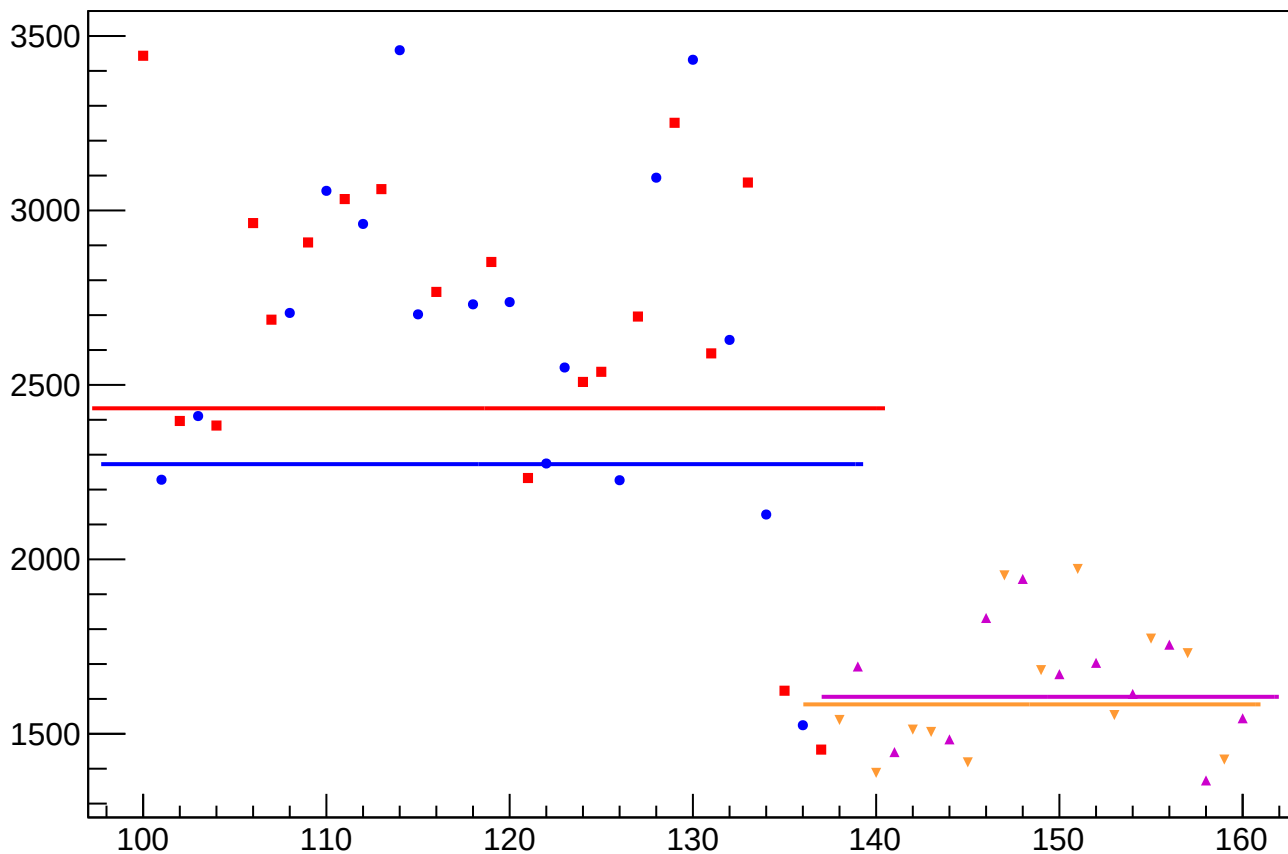
Right Out: -528.758 ± 934.718 χ^2/NDF : 14.6/18

Left In: 489.549 ± 539.219 χ^2/NDF : 17.0/10

-1217.846 ± 460.491 χ^2/NDF : 37.9/28

235.284 ± 467.073 χ^2/NDF : 32.5/29

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 1584.348+/-0.377 χ^2/NDF : 231941.9/11

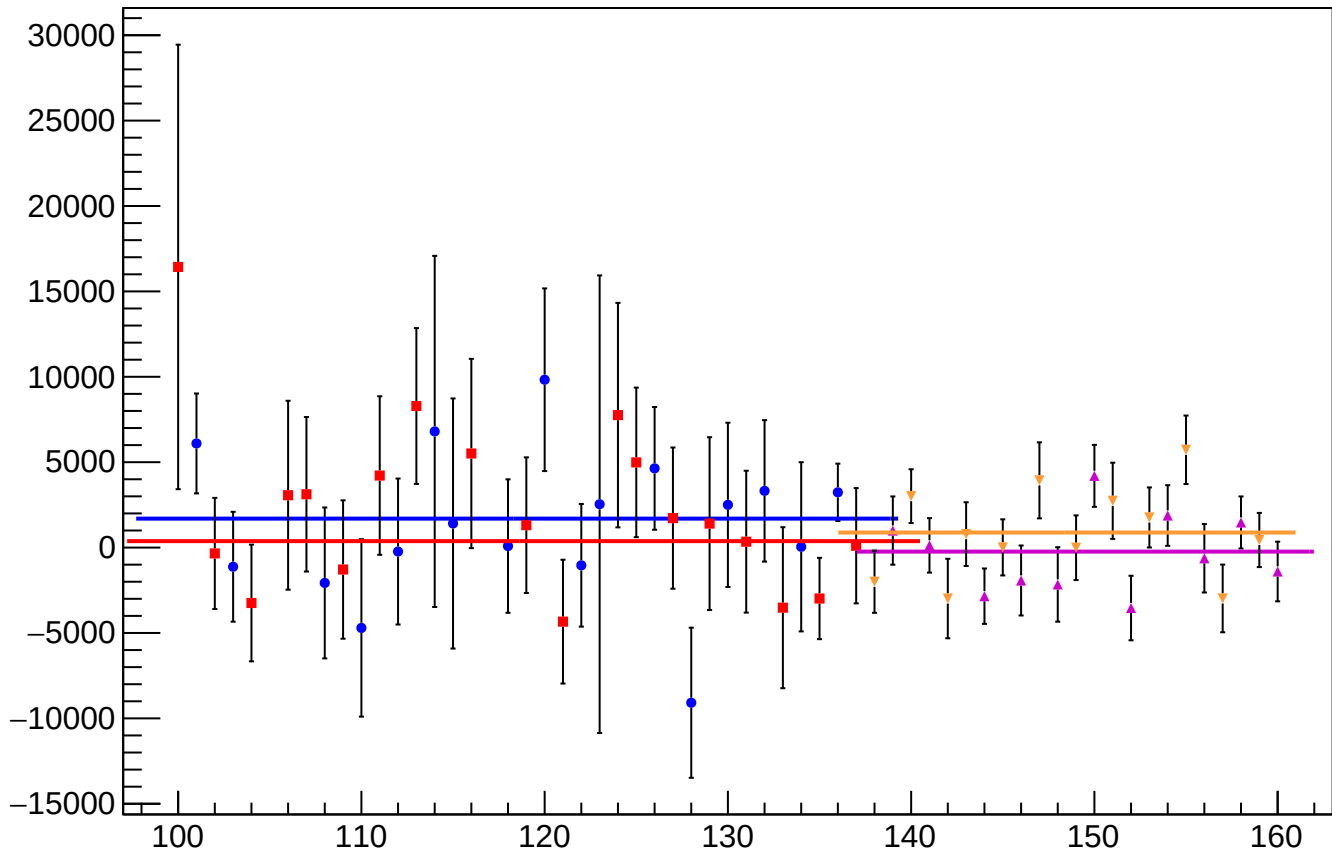
Right Out: 2432.950+/-0.661 χ^2/NDF : 680783.9/18

Left In: 1606.050+/-0.381 χ^2/NDF : 181367.5/10

1760.339+/-0.326 χ^2/NDF : 1888356.2/28

1812.522+/-0.330 χ^2/NDF : 2036544.0/29

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 ± 914.855 $\chi^2/\text{NDF}: 16.6/16$

Left Out: 882.380 ± 538.121 $\chi^2/\text{NDF}: 20.1/11$

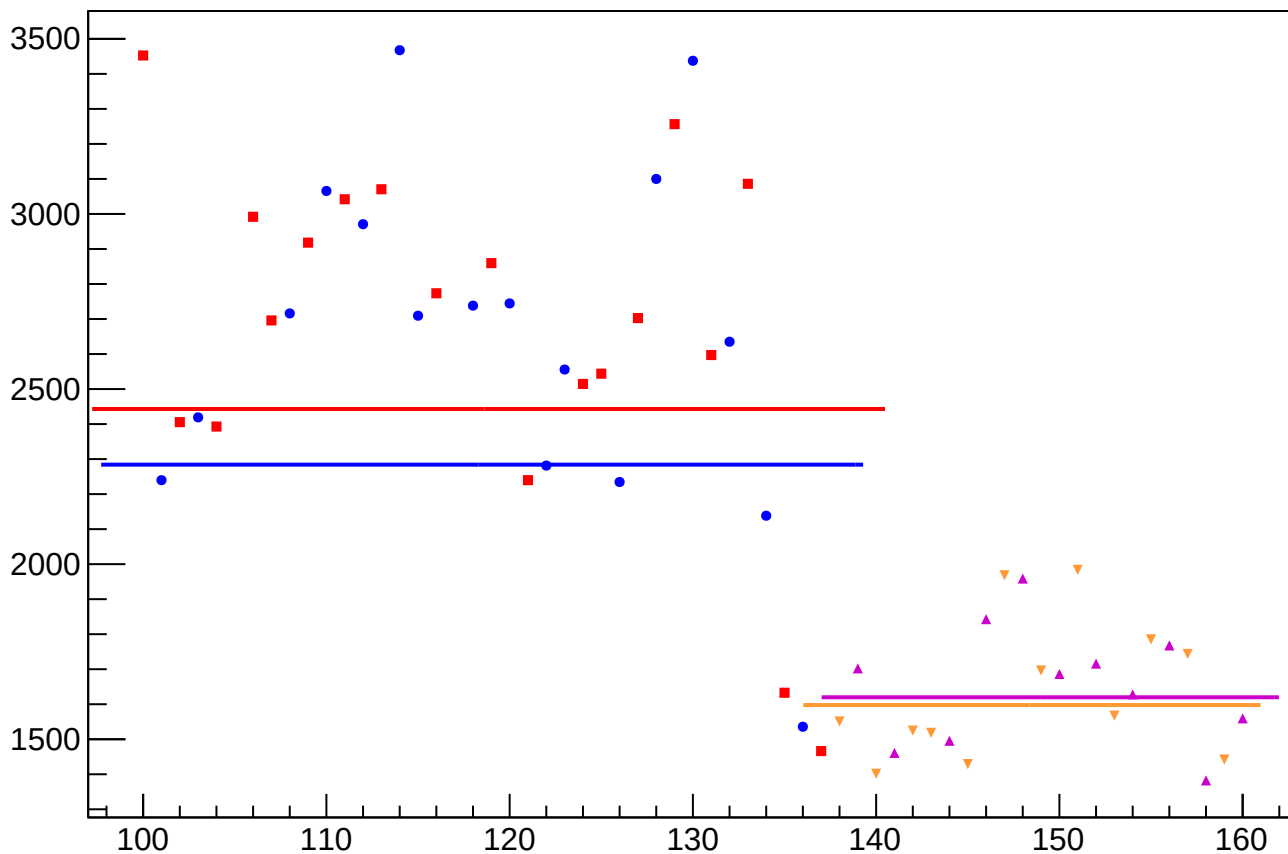
Right Out: 377.629 ± 938.528 $\chi^2/\text{NDF}: 15.0/18$

Left In: -235.996 ± 543.761 $\chi^2/\text{NDF}: 16.7/10$

1091.509 ± 463.831 $\chi^2/\text{NDF}: 37.3/28$

-81.782 ± 470.498 $\chi^2/\text{NDF}: 32.0/29$

asym_sam_26_dd_rms vs Slug



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1597.718+/-0.381 χ^2/NDF : 227924.8/11

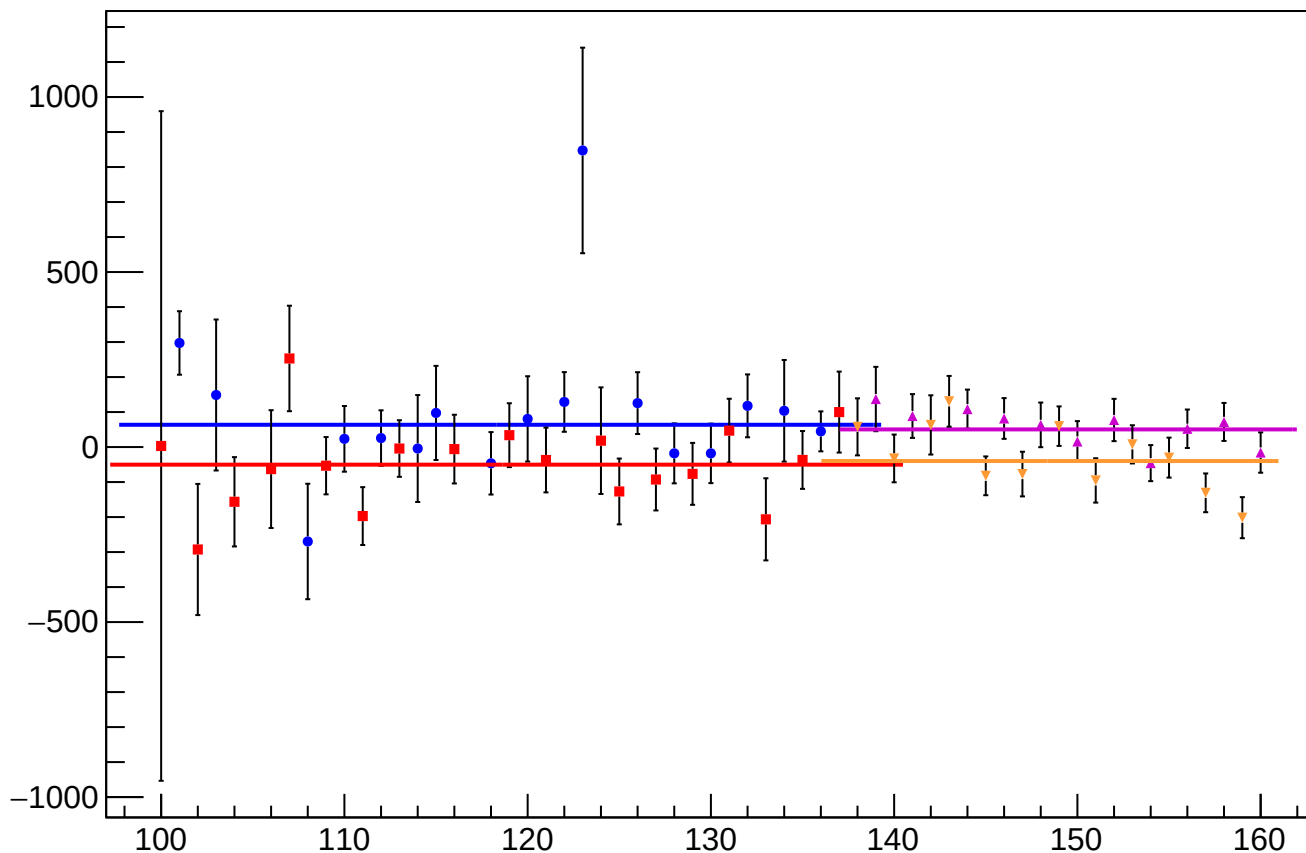
Right Out: 2443.124+/-0.664 χ^2/NDF : 672899.9/18

Left In: 1619.870+/-0.384 χ^2/NDF : 176912.1/10

1774.152+/-0.328 χ^2/NDF : 1858333.4/28

1826.767+/-0.333 χ^2/NDF : 2001941.4/29

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666+/-23.743 χ^2/NDF : 23.7/16

Left Out: -39.909+/-17.991 χ^2/NDF : 24.4/11

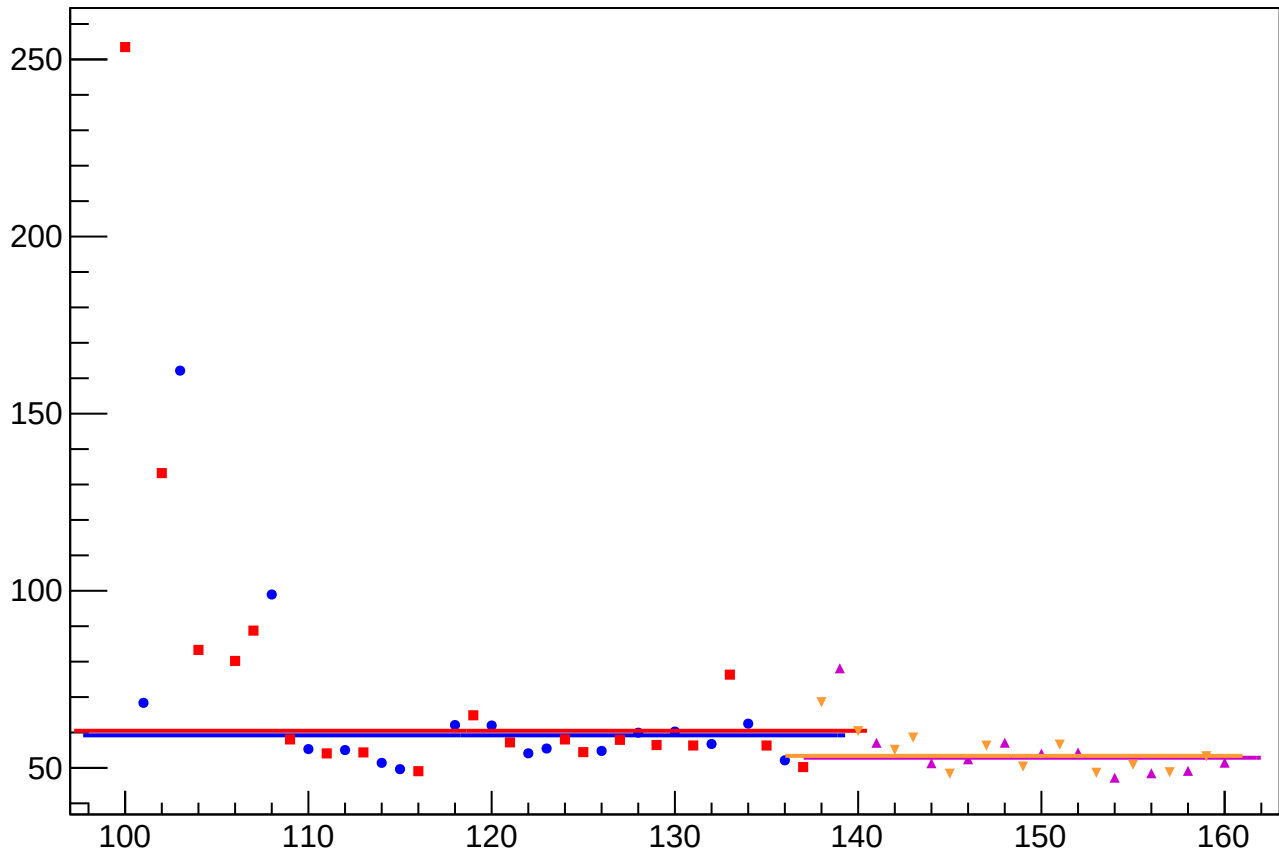
Right Out: -50.278+/-23.661 χ^2/NDF : 16.8/18

Left In: 50.418+/-17.807 χ^2/NDF : 8.2/10

-2.131+/-14.339 χ^2/NDF : 60.1/28

14.007+/-14.228 χ^2/NDF : 36.6/29

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 53.403 $\pm$ 0.013 χ^2 /NDF: 165487.6/11

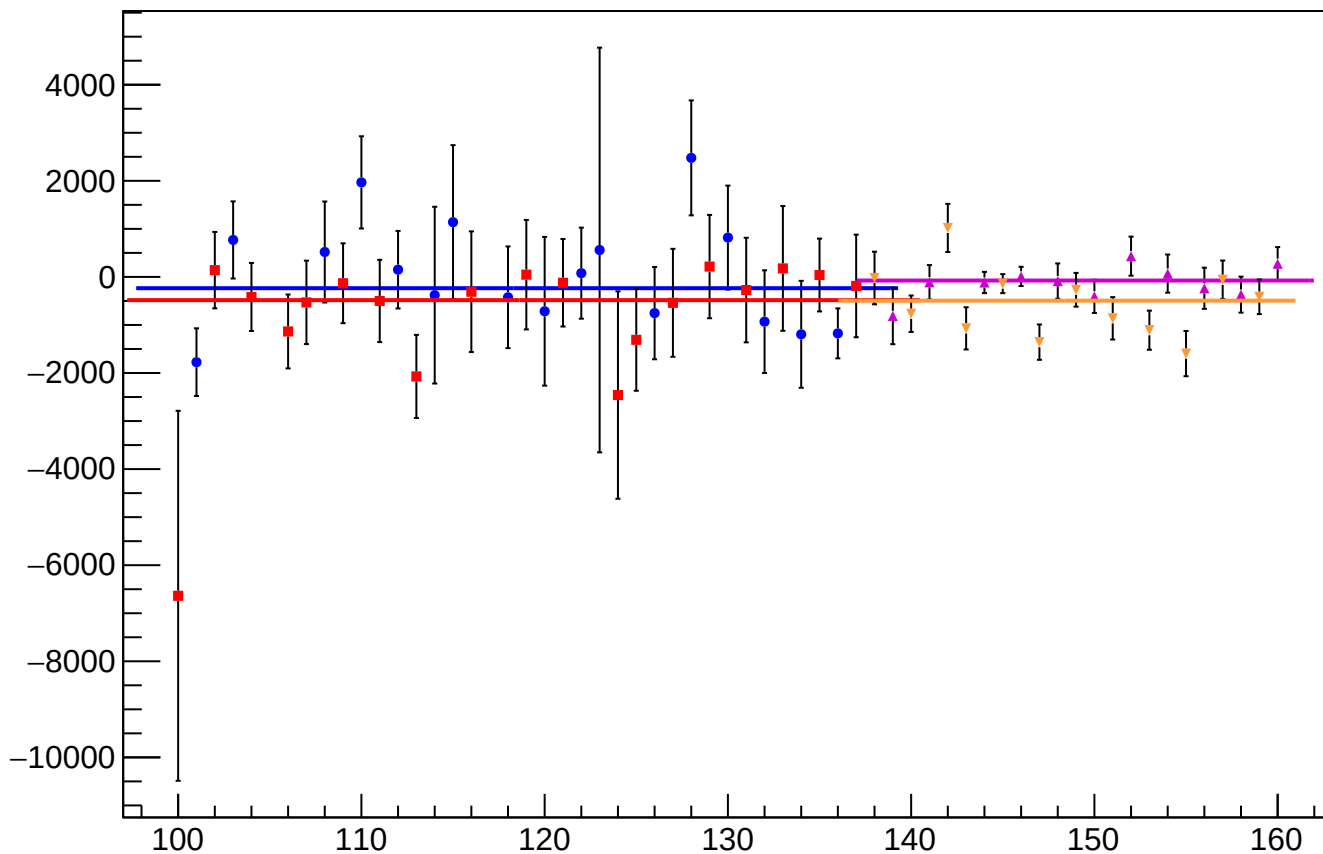
Right Out: 60.483 $\pm$ 0.017 χ^2 /NDF: 680059.5/18

Left In: 52.875 $\pm$ 0.013 χ^2 /NDF: 219567.9/10

55.518 $\pm$ 0.010 χ^2 /NDF: 906705.0/28

55.626 $\pm$ 0.010 χ^2 /NDF: 1031659.5/29

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492 ± 233.880 χ^2/NDF : 24.2/16

Left Out: -494.241 ± 105.357 χ^2/NDF : 30.9/11

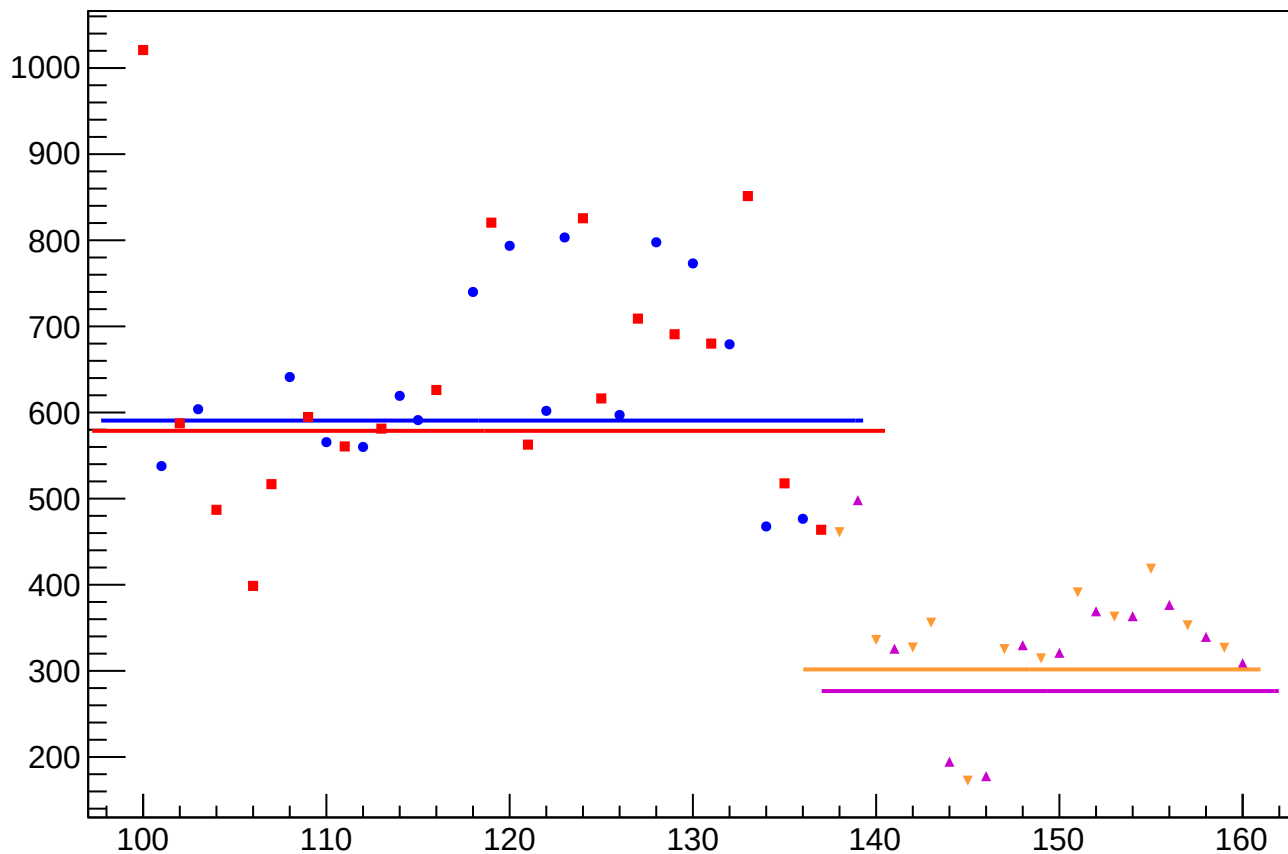
Right Out: -483.305 ± 222.314 χ^2/NDF : 10.6/18

Left In: -74.984 ± 97.355 χ^2/NDF : 6.2/10

-450.423 ± 96.060 χ^2/NDF : 56.1/28

-140.688 ± 89.179 χ^2/NDF : 19.6/29

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 301.707+/-0.074 χ^2/NDF : 1377802.8/11

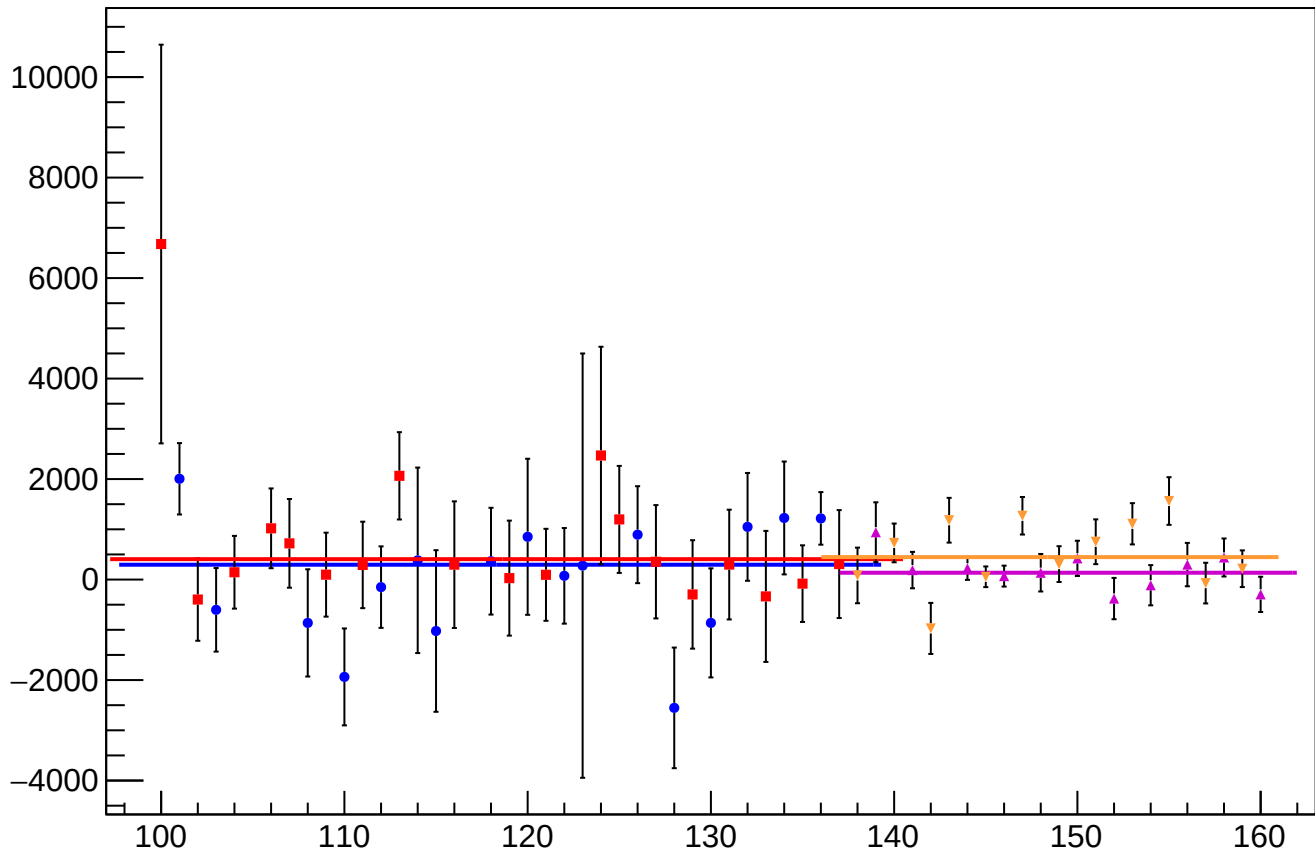
Right Out: 578.753+/-0.157 χ^2/NDF : 493962.7/18

Left In: 276.575+/-0.069 χ^2/NDF : 1546083.0/10

350.451+/-0.068 χ^2/NDF : 4267686.0/28

325.199+/-0.063 χ^2/NDF : 5140528.3/29

asym_sam_37_dd_mean vs Slug



Right In: 295.401+/-235.860 χ^2/NDF : 26.1/16

Left Out: 446.818+/-107.445 χ^2/NDF : 30.8/11

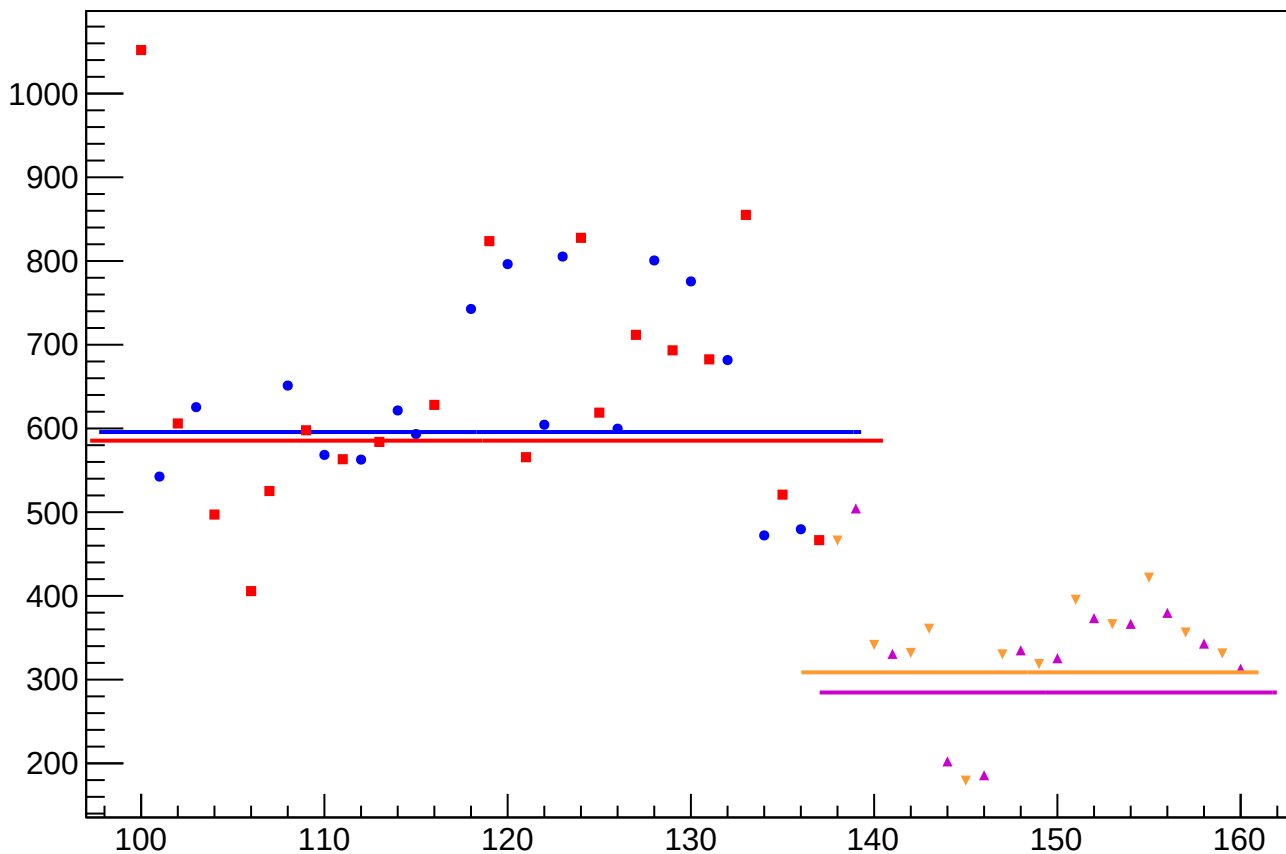
Right Out: 406.158+/-224.855 χ^2/NDF : 11.0/18

Left In: 136.059+/-99.738 χ^2/NDF : 7.0/10

420.796+/-97.777 χ^2/NDF : 57.2/28

180.464+/-91.171 χ^2/NDF : 19.2/29

asym_sam_37_dd_rms vs Slug



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 308.703+/-0.076 χ^2/NDF : 1271450.2/11

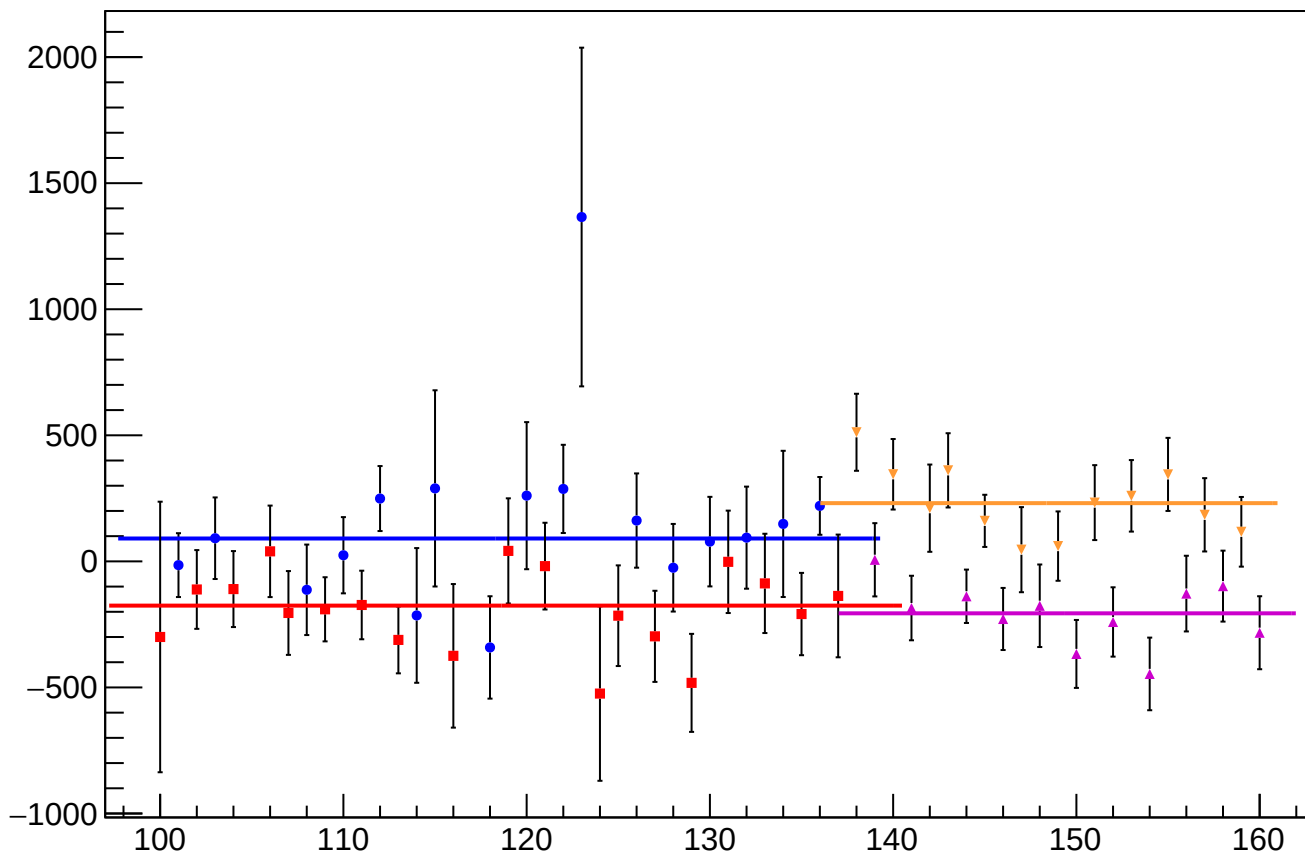
Right Out: 585.421+/-0.159 χ^2/NDF : 474472.3/18

Left In: 284.637+/-0.071 χ^2/NDF : 1412791.1/10

358.031+/-0.069 χ^2/NDF : 4074424.2/28

334.087+/-0.064 χ^2/NDF : 4877693.8/29

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711+/-43.312 χ^2/NDF : 16.9/16

Left Out: 230.935+/-40.920 χ^2/NDF : 9.5/11

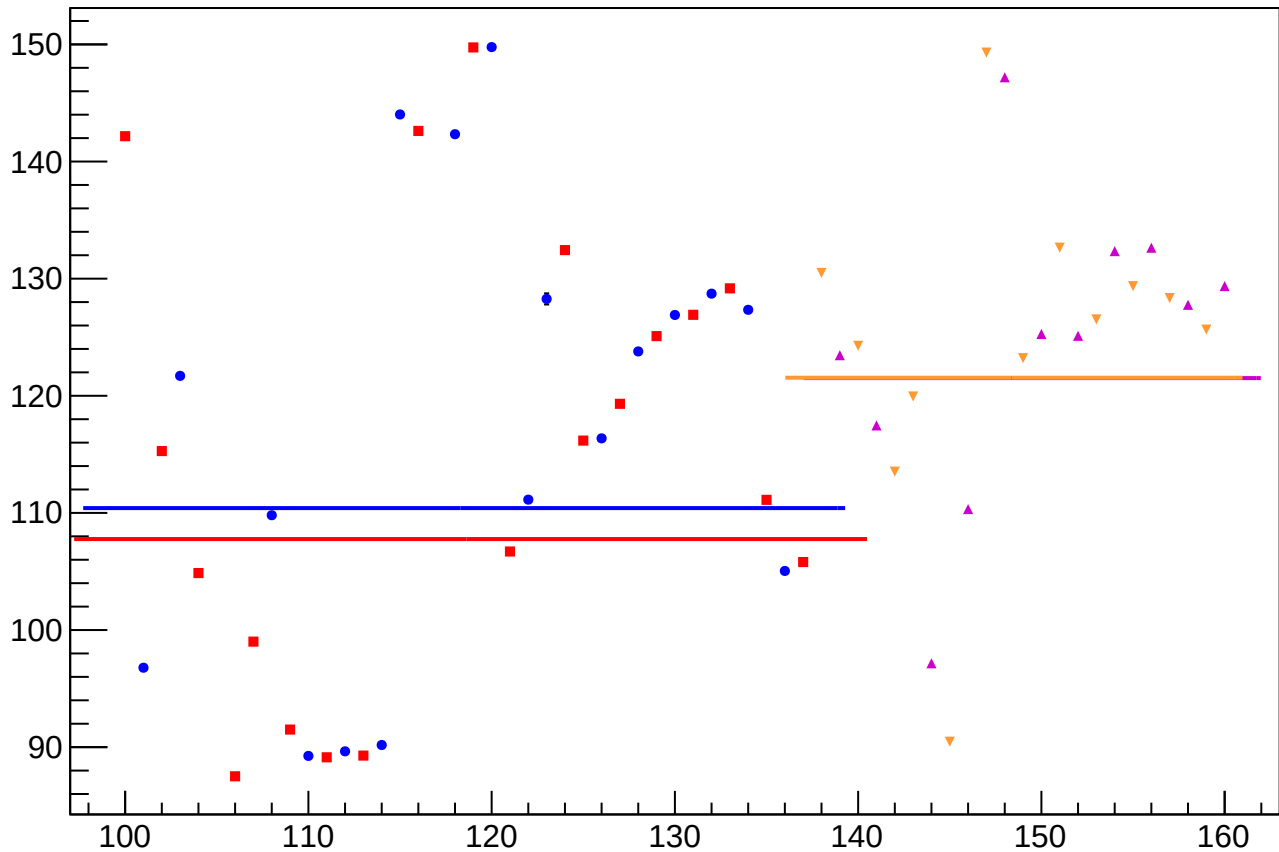
Right Out: -175.485+/-41.101 χ^2/NDF : 10.3/18

Left In: -206.058+/-40.833 χ^2/NDF : 8.1/10

164.802+/-29.745 χ^2/NDF : 31.9/28

-190.871+/-28.968 χ^2/NDF : 18.6/29

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 121.542+/-0.029 χ^2/NDF : 272657.5/11

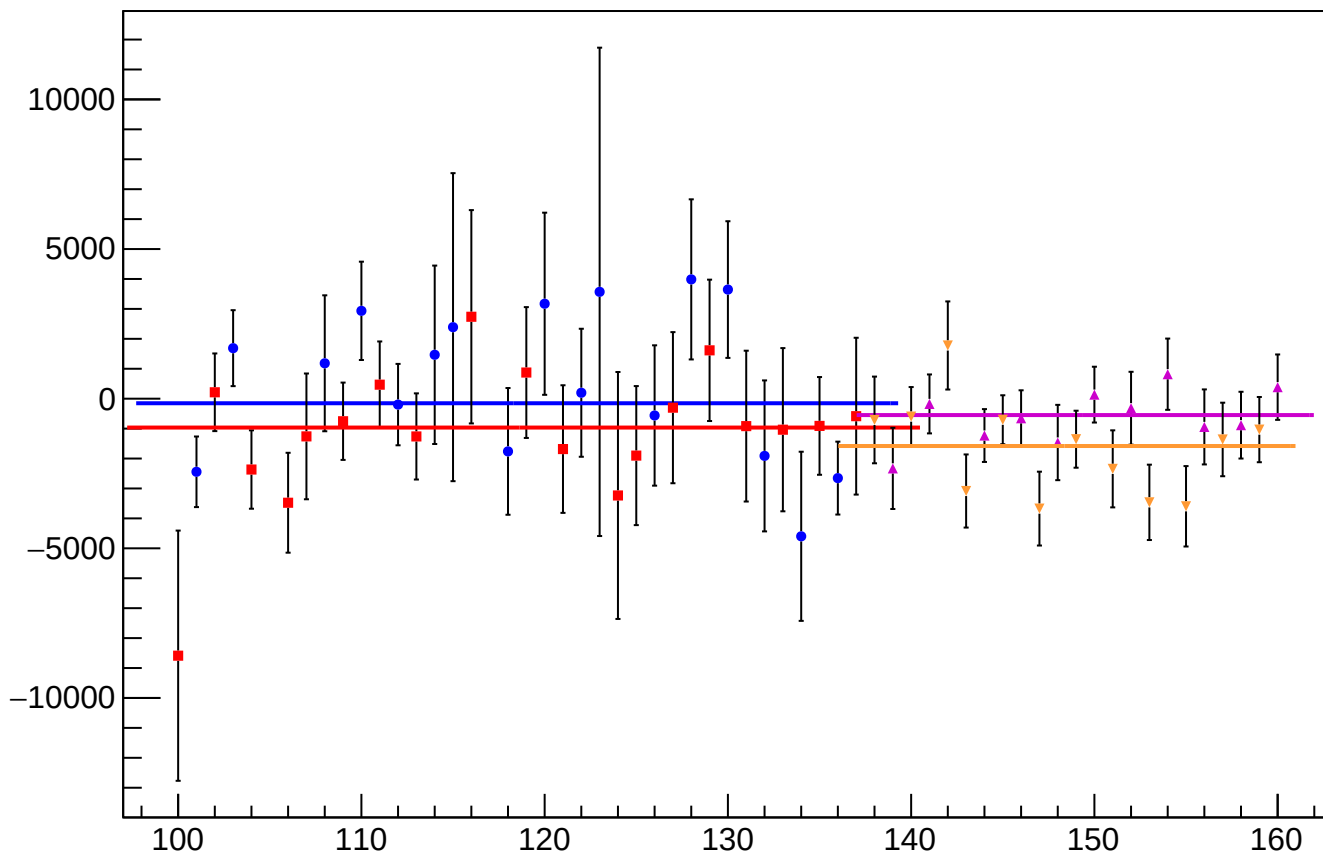
Right Out: 107.768+/-0.029 χ^2/NDF : 344441.4/18

Left In: 121.511+/-0.029 χ^2/NDF : 209019.7/10

116.293+/-0.021 χ^2/NDF : 638878.7/28

114.684+/-0.020 χ^2/NDF : 666005.9/29

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403 ± 464.753 χ^2/NDF : 24.7/16

Left Out: -1581.624 ± 330.011 χ^2/NDF : 17.3/11

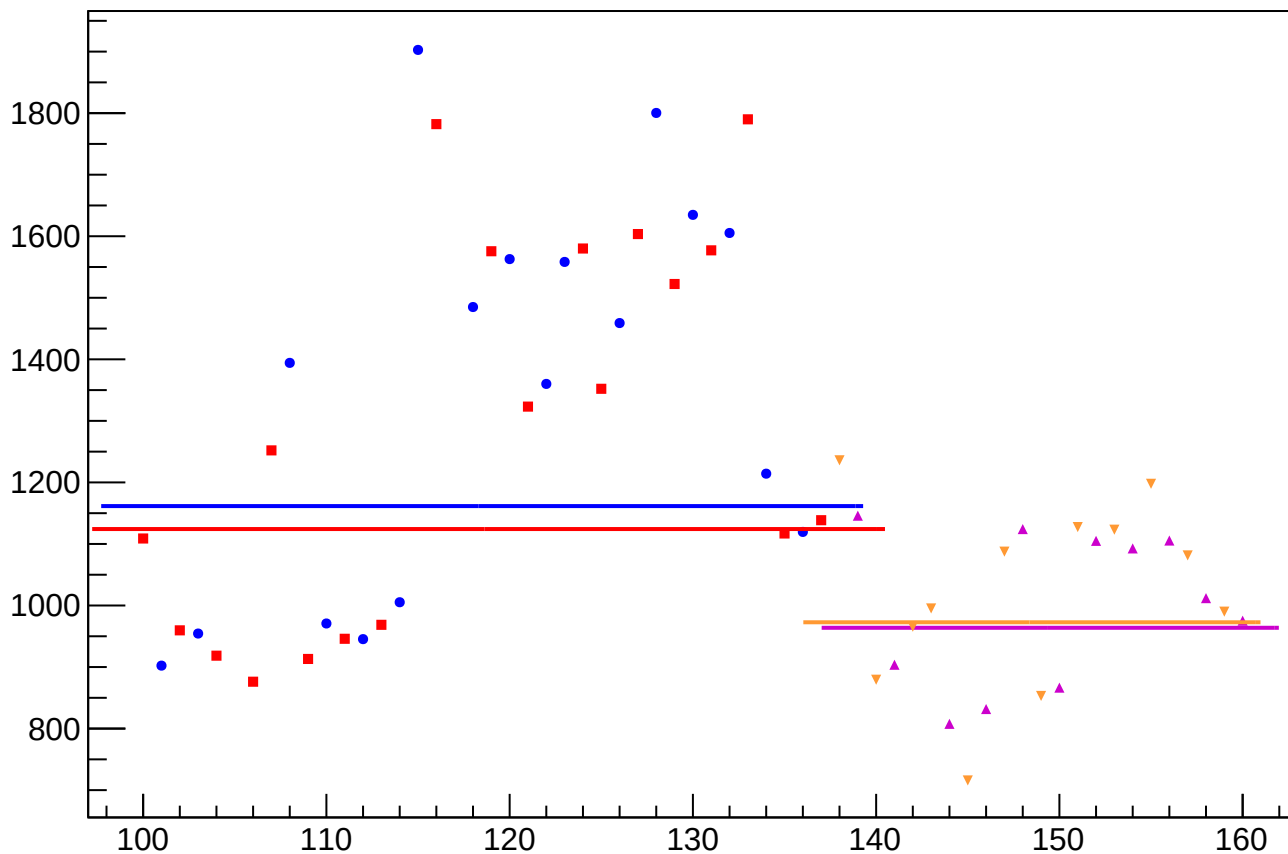
Right Out: -964.716 ± 435.111 χ^2/NDF : 12.3/18

Left In: -547.533 ± 325.383 χ^2/NDF : 5.8/10

-1102.548 ± 269.075 χ^2/NDF : 48.2/28

-697.159 ± 260.580 χ^2/NDF : 18.7/29

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530+/-0.329 χ^2/NDF : 695906.9/16

Left Out: 972.734+/-0.233 χ^2/NDF : 460758.7/11

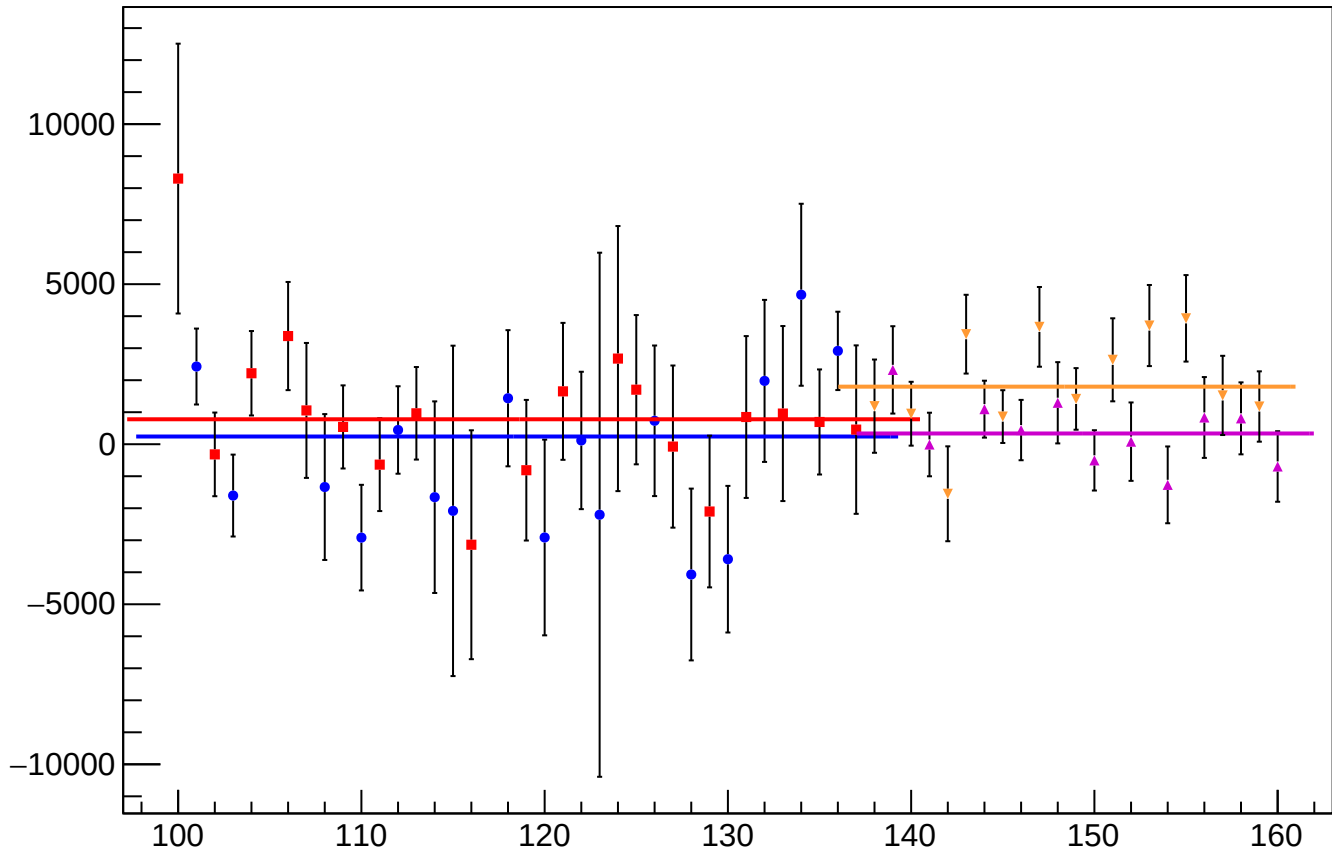
Right Out: 1124.235+/-0.308 χ^2/NDF : 767790.0/18

Left In: 963.792+/-0.230 χ^2/NDF : 280163.5/10

1036.019+/-0.190 χ^2/NDF : 1376079.5/28

1021.336+/-0.184 χ^2/NDF : 1222357.9/29

asym_sam_48_dd_mean vs Slug



Right In: 240.732 ± 467.036 χ^2/NDF : 24.8/16

Left Out: 1798.355 ± 332.684 χ^2/NDF : 17.0/11

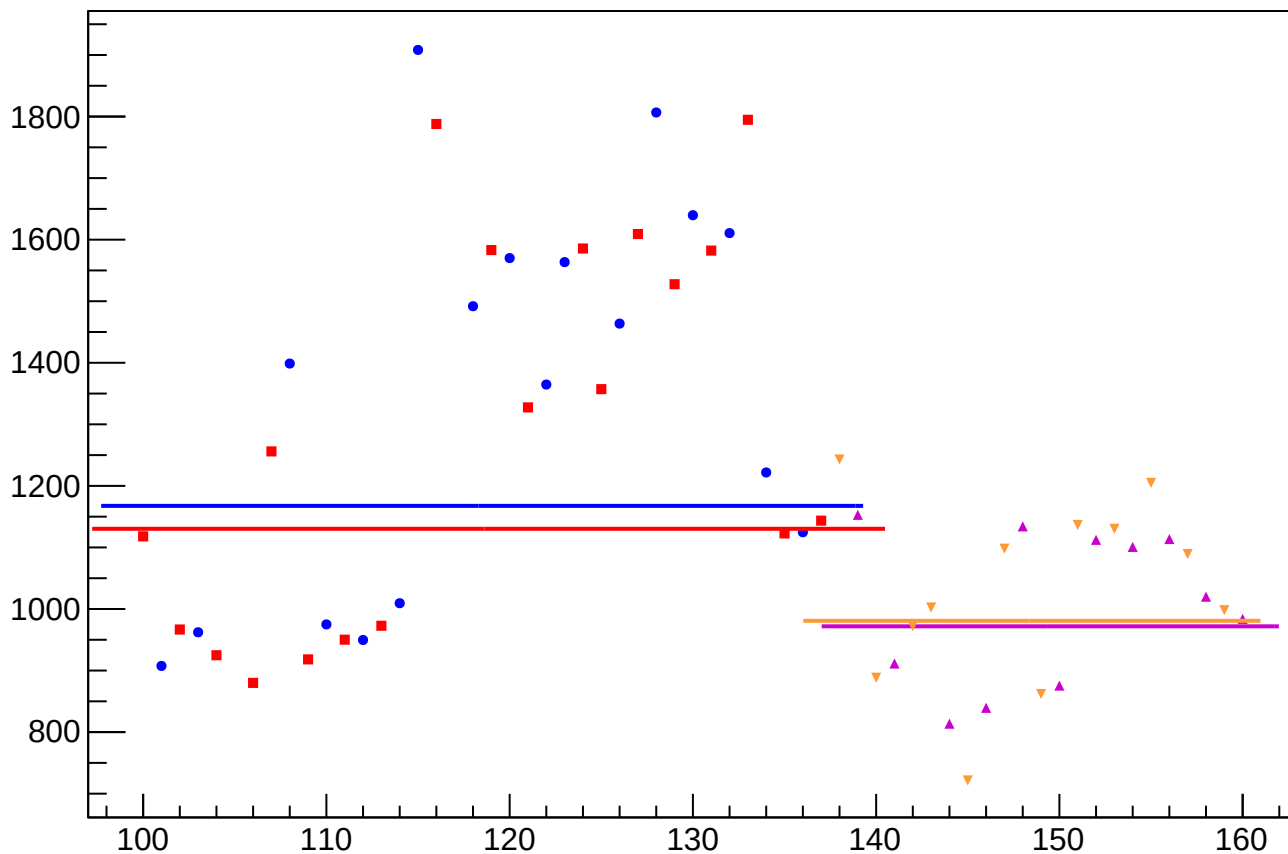
Right Out: 779.192 ± 437.487 χ^2/NDF : 12.3/18

Left In: 335.442 ± 328.049 χ^2/NDF : 7.4/10

1274.040 ± 270.967 χ^2/NDF : 49.2/28

495.151 ± 262.459 χ^2/NDF : 20.4/29

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 980.814 $\pm$ 0.235 χ^2 /NDF: 456360.5/11

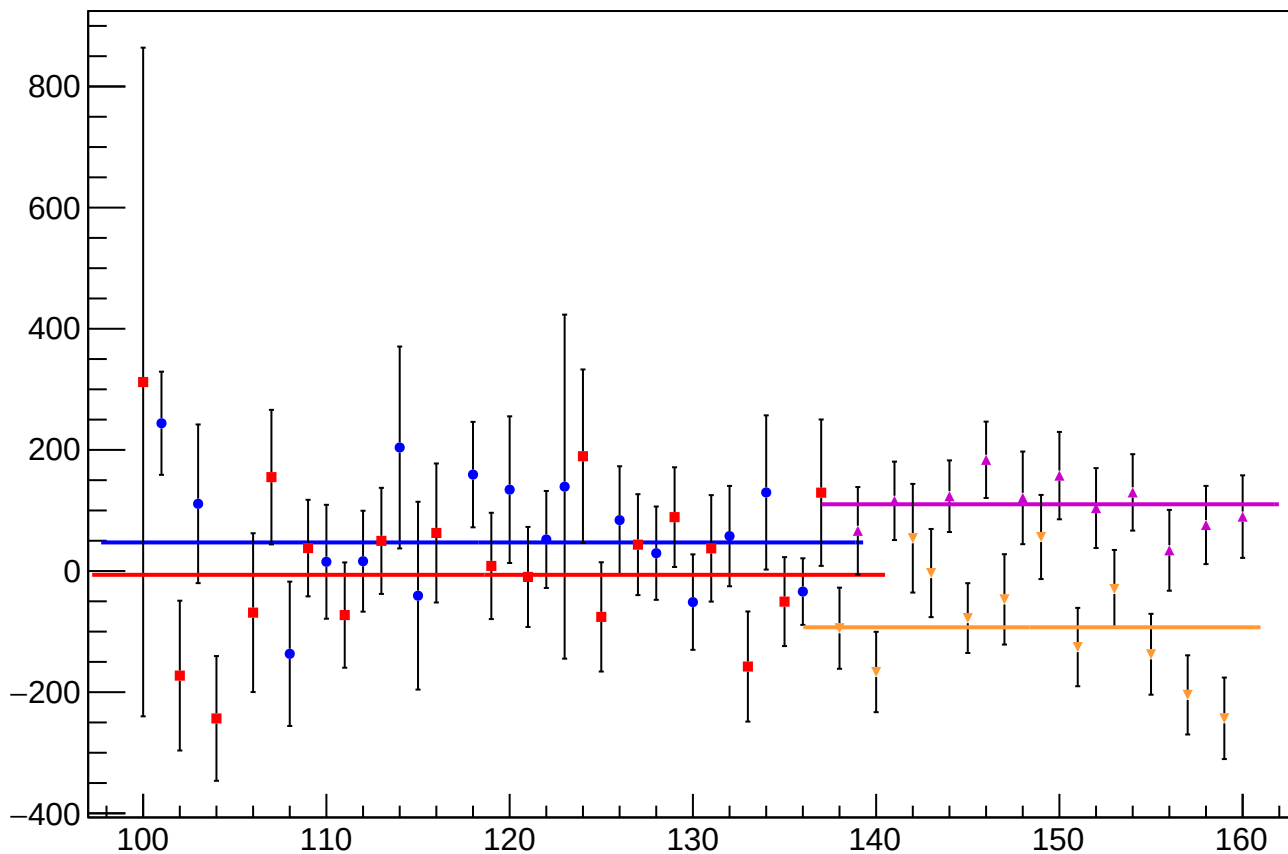
Right Out: 1130.301 $\pm$ 0.309 χ^2 /NDF: 761503.6/18

Left In: 971.833 $\pm$ 0.232 χ^2 /NDF: 277603.6/10

1043.668 $\pm$ 0.192 χ^2 /NDF: 1358926.2/28

1028.867 $\pm$ 0.186 χ^2 /NDF: 1207074.3/29

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -92.884 $\pm$ 19.573 χ^2 /NDF: 20.1/11

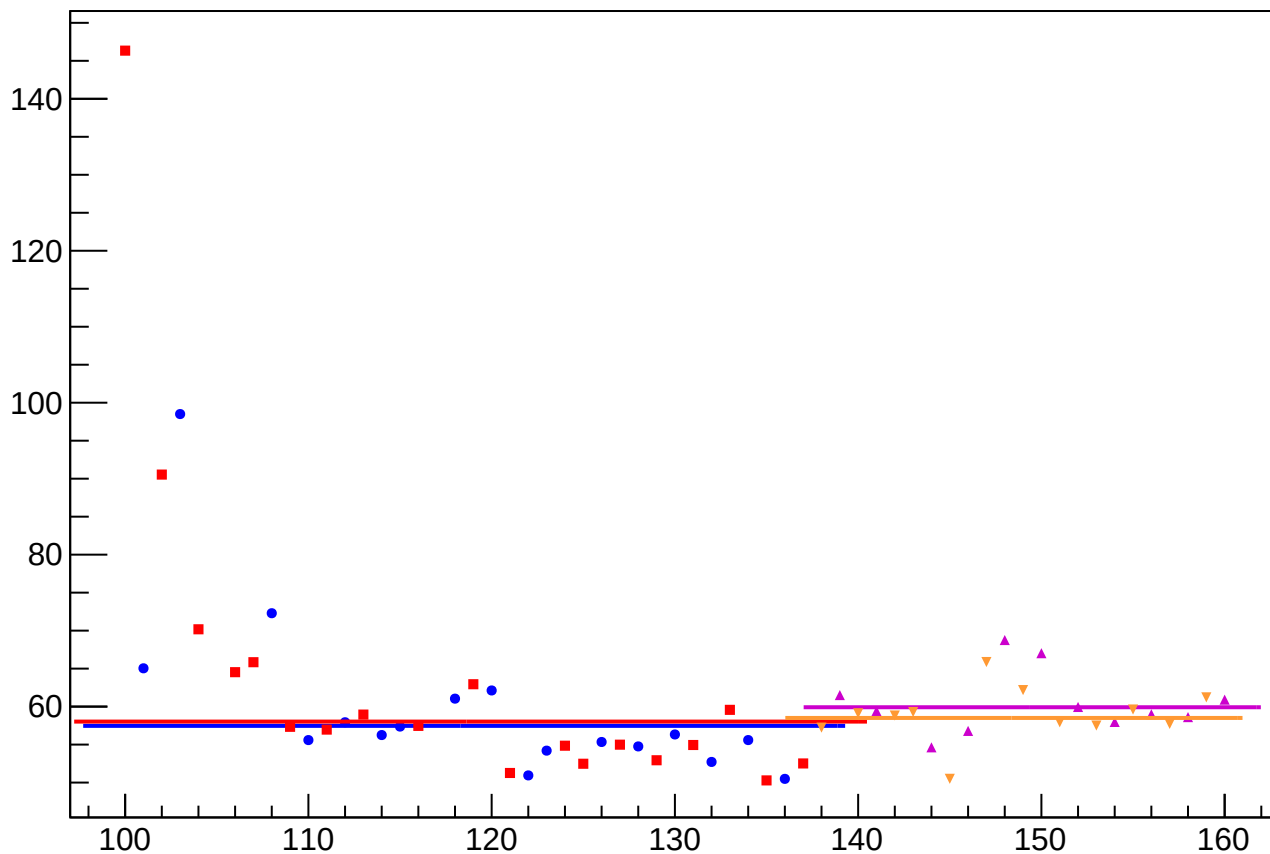
Right Out: -6.246 $\pm$ 22.128 χ^2 /NDF: 20.3/18

Left In: 110.218 $\pm$ 20.035 χ^2 /NDF: 4.0/10

-32.728 $\pm$ 14.786 χ^2 /NDF: 58.2/28

57.752 $\pm$ 14.852 χ^2 /NDF: 39.5/29

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465 $\pm$ 0.016 χ^2 /NDF: 307156.4/16

Left Out: 58.507 $\pm$ 0.014 χ^2 /NDF: 69577.6/11

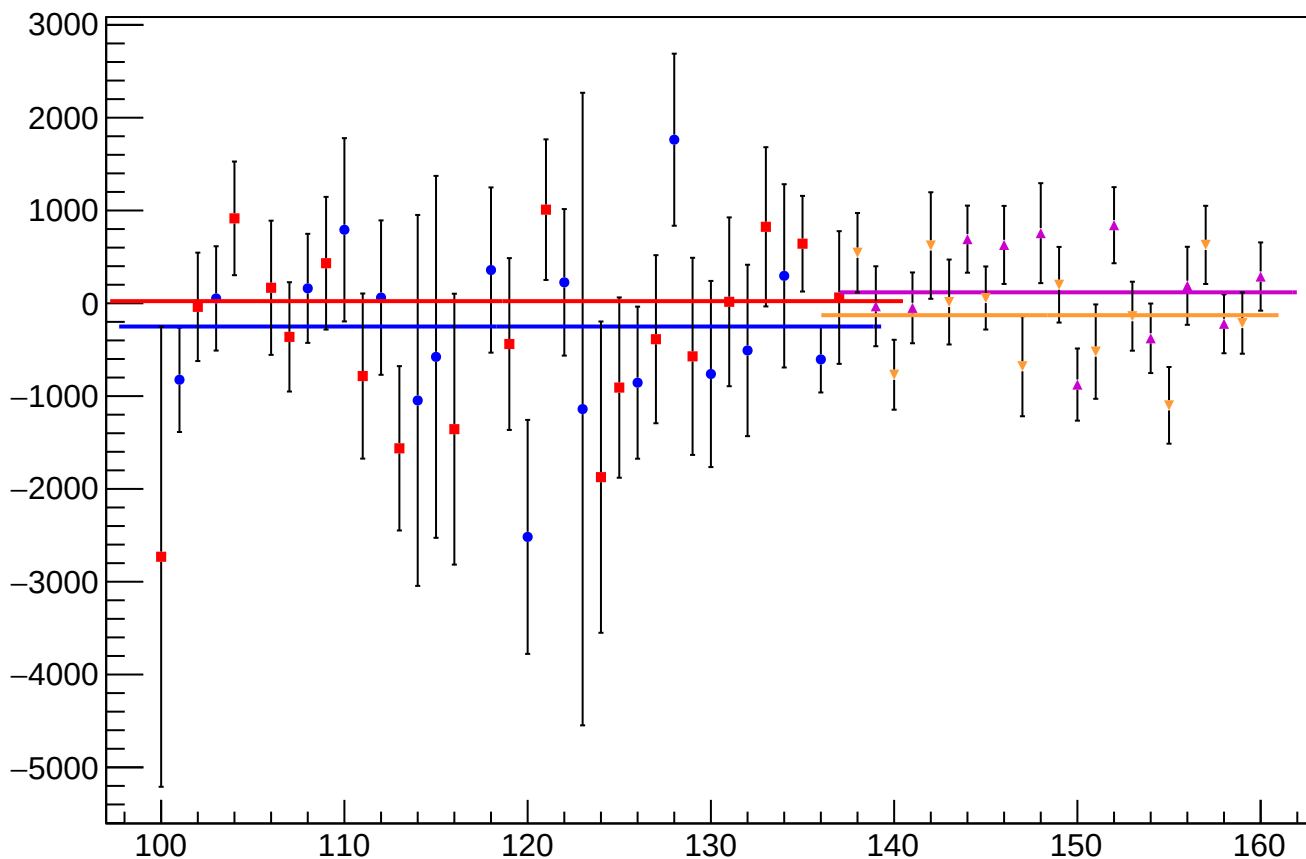
Right Out: 58.027 $\pm$ 0.016 χ^2 /NDF: 300788.2/18

Left In: 59.914 $\pm$ 0.014 χ^2 /NDF: 71640.7/10

58.060 $\pm$ 0.010 χ^2 /NDF: 379166.3/28

59.064 $\pm$ 0.011 χ^2 /NDF: 380424.0/29

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 $\pm$ 184.092 χ^2 /NDF: 14.3/16

Left Out: -128.095 $\pm$ 119.343 χ^2 /NDF: 18.6/11

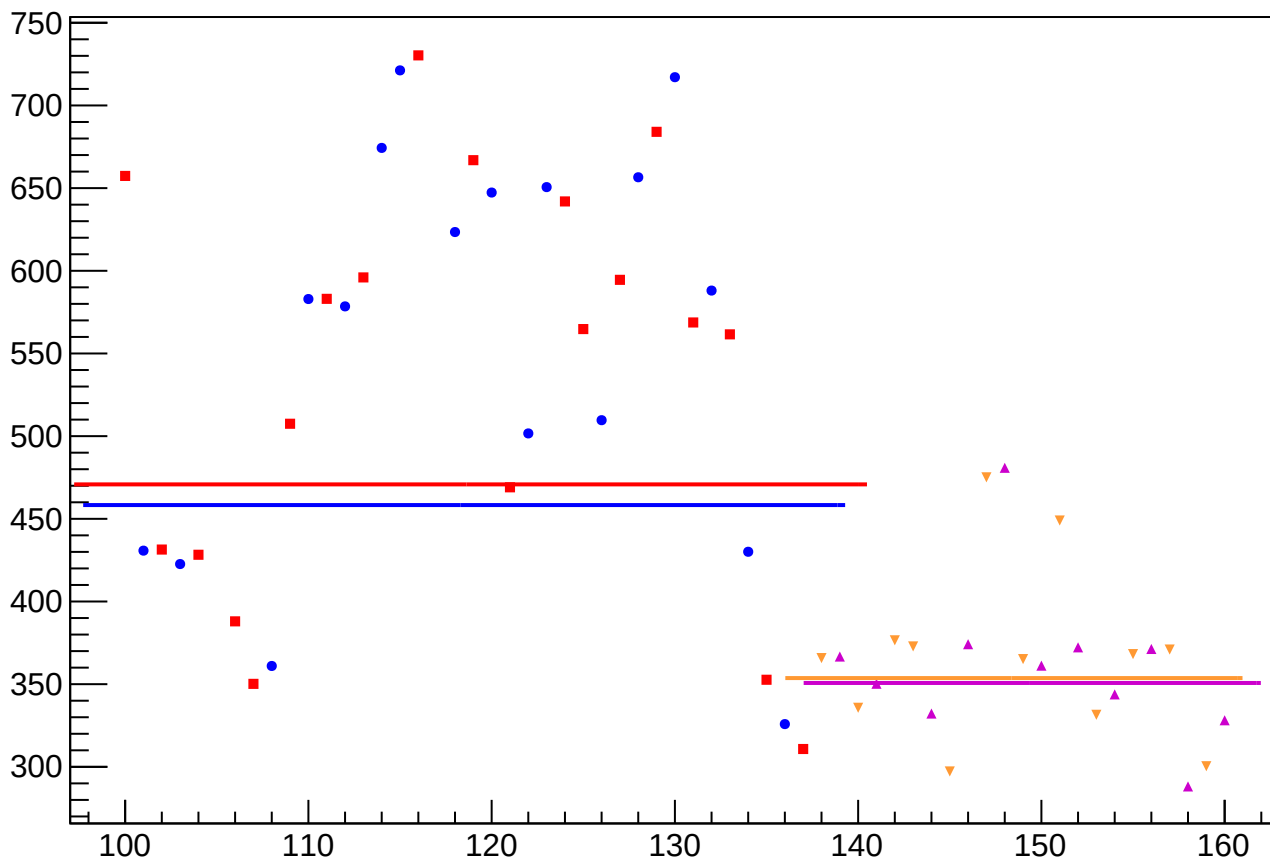
Right Out: 23.314 $\pm$ 181.834 χ^2 /NDF: 16.1/18

Left In: 118.329 $\pm$ 118.107 χ^2 /NDF: 18.5/10

-164.209 $\pm$ 100.141 χ^2 /NDF: 33.2/28

90.137 $\pm$ 99.047 χ^2 /NDF: 34.7/29

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324+/-0.130 χ^2/NDF : 877201.7/16

Left Out: 353.690+/-0.084 χ^2/NDF : 306398.1/11

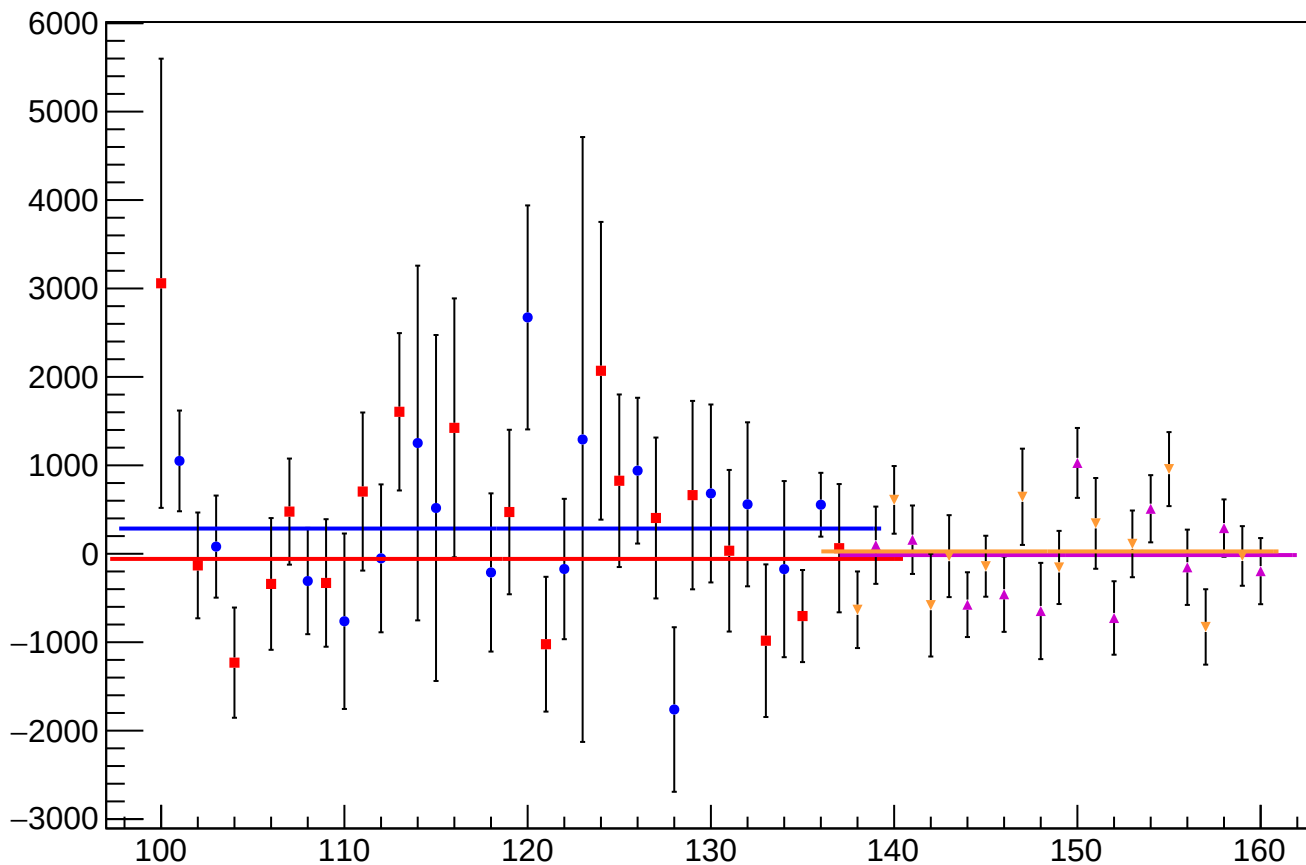
Right Out: 470.827+/-0.129 χ^2/NDF : 778635.2/18

Left In: 350.729+/-0.084 χ^2/NDF : 228671.5/10

384.652+/-0.071 χ^2/NDF : 1638526.4/28

386.363+/-0.070 χ^2/NDF : 1620908.0/29

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349+/-186.262 χ^2/NDF : 15.2/16

Left Out: 26.783+/-121.044 χ^2/NDF : 16.9/11

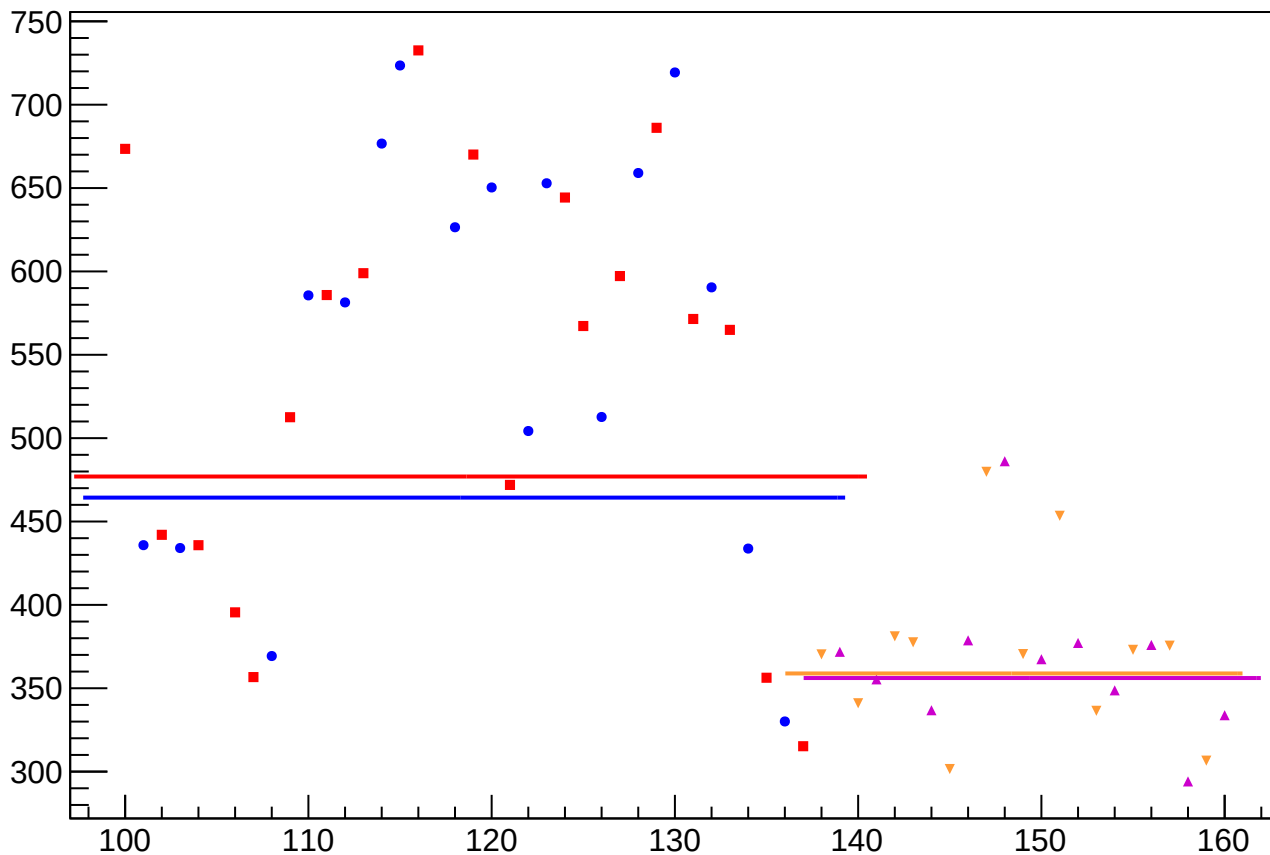
Right Out: -58.001+/-184.074 χ^2/NDF : 19.2/18

Left In: -14.536+/-119.882 χ^2/NDF : 18.0/10

103.557+/-101.495 χ^2/NDF : 33.4/28

-27.481+/-100.456 χ^2/NDF : 37.3/29

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341+/-0.132 χ^2/NDF : 845900.9/16

Left Out: 358.873+/-0.086 χ^2/NDF : 296018.9/11

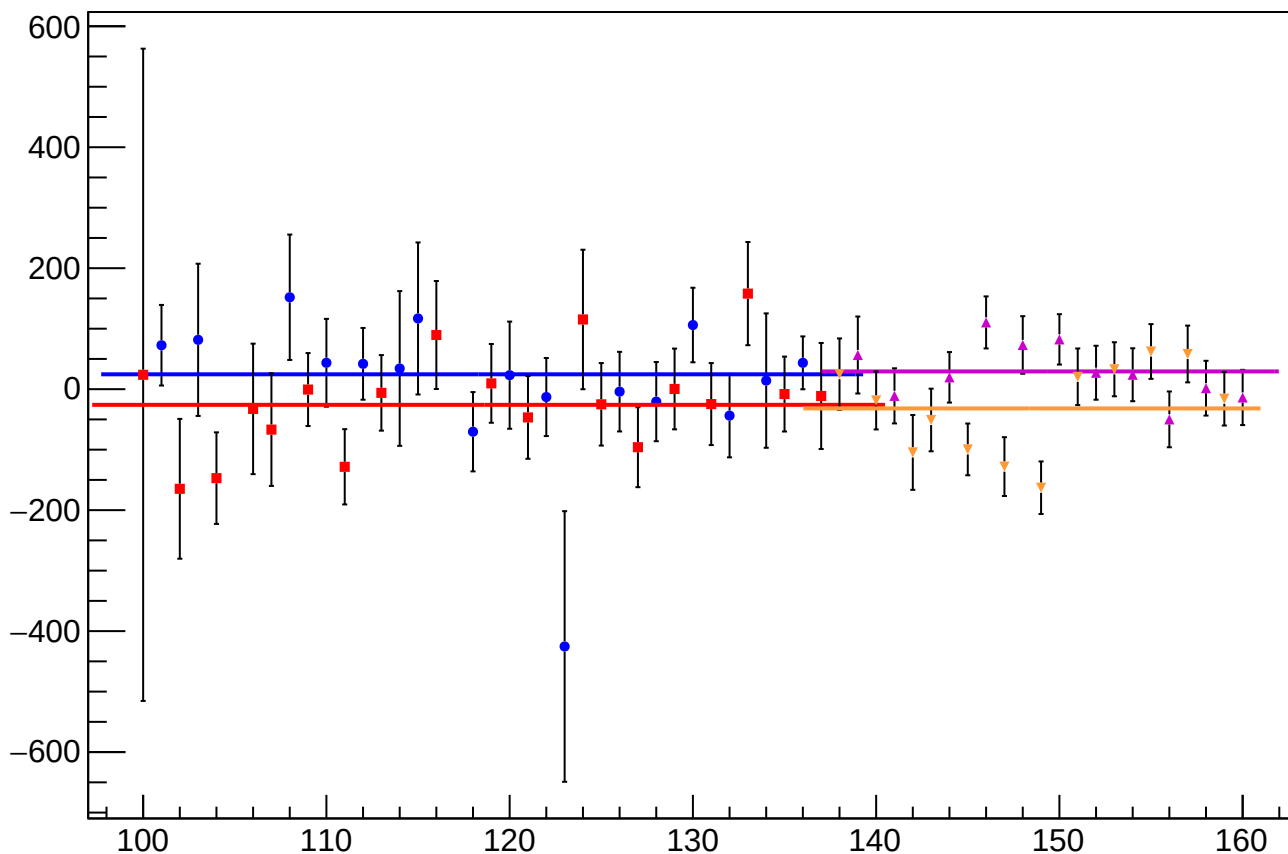
Right Out: 476.989+/-0.130 χ^2/NDF : 749331.1/18

Left In: 356.125+/-0.085 χ^2/NDF : 220205.3/10

390.188+/-0.072 χ^2/NDF : 1592766.3/28

392.122+/-0.071 χ^2/NDF : 1574996.0/29

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584 $\pm$ 17.839 χ^2 /NDF: 13.0/16

Left Out: -31.812 $\pm$ 13.780 χ^2 /NDF: 29.5/11

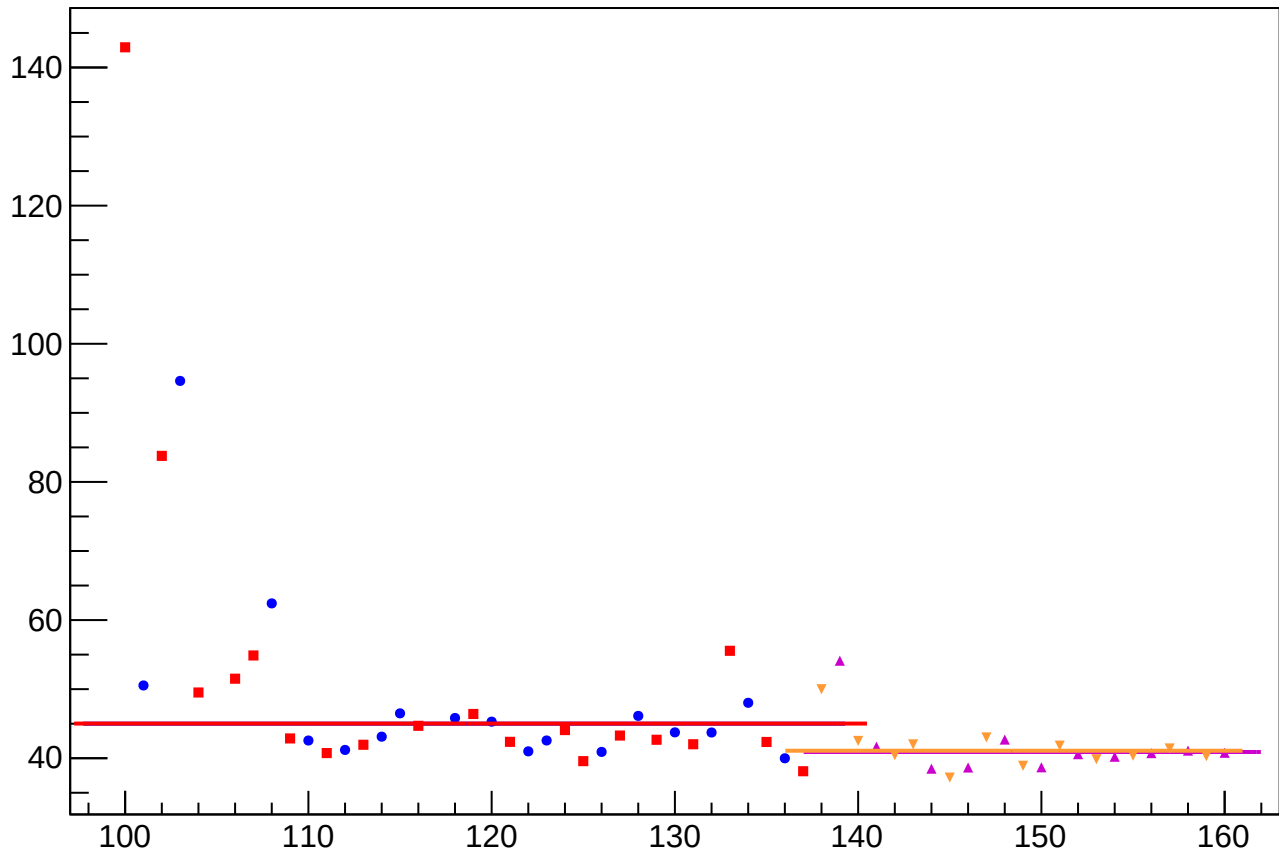
Right Out: -25.884 $\pm$ 17.386 χ^2 /NDF: 16.8/18

Left In: 29.336 $\pm$ 13.705 χ^2 /NDF: 11.3/10

-10.735 $\pm$ 10.906 χ^2 /NDF: 48.8/28

8.175 $\pm$ 10.763 χ^2 /NDF: 34.3/29

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 $\pm$ 0.013 χ^2 /NDF: 438352.8/16

Left Out: 41.086 $\pm$ 0.010 χ^2 /NDF: 76113.6/11

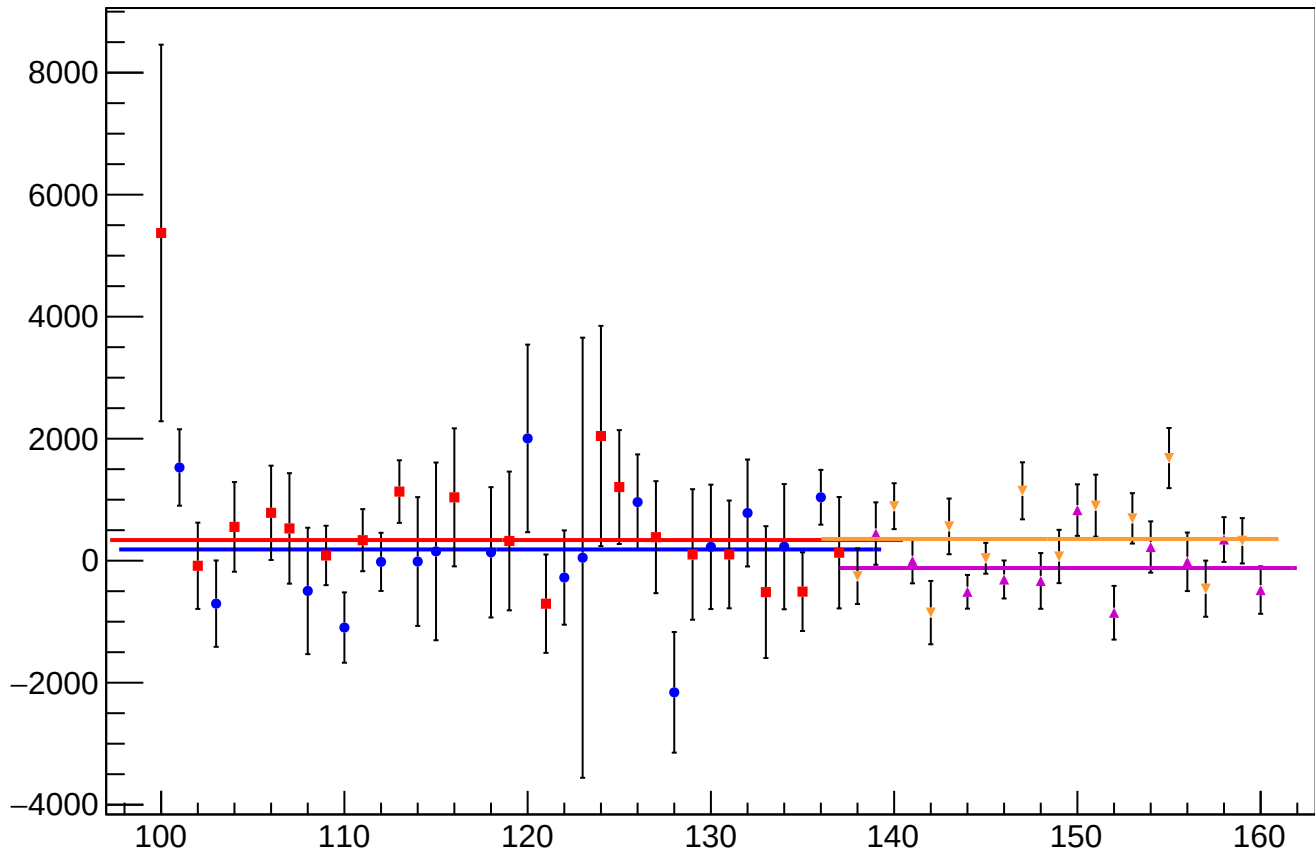
Right Out: 45.017 $\pm$ 0.012 χ^2 /NDF: 415509.0/18

Left In: 40.904 $\pm$ 0.010 χ^2 /NDF: 108221.0/10

42.549 $\pm$ 0.008 χ^2 /NDF: 574807.8/28

42.480 $\pm$ 0.008 χ^2 /NDF: 592781.2/29

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 ± 188.558 χ^2/NDF : 24.2/16

Left Out: 356.504 ± 118.155 χ^2/NDF : 26.5/11

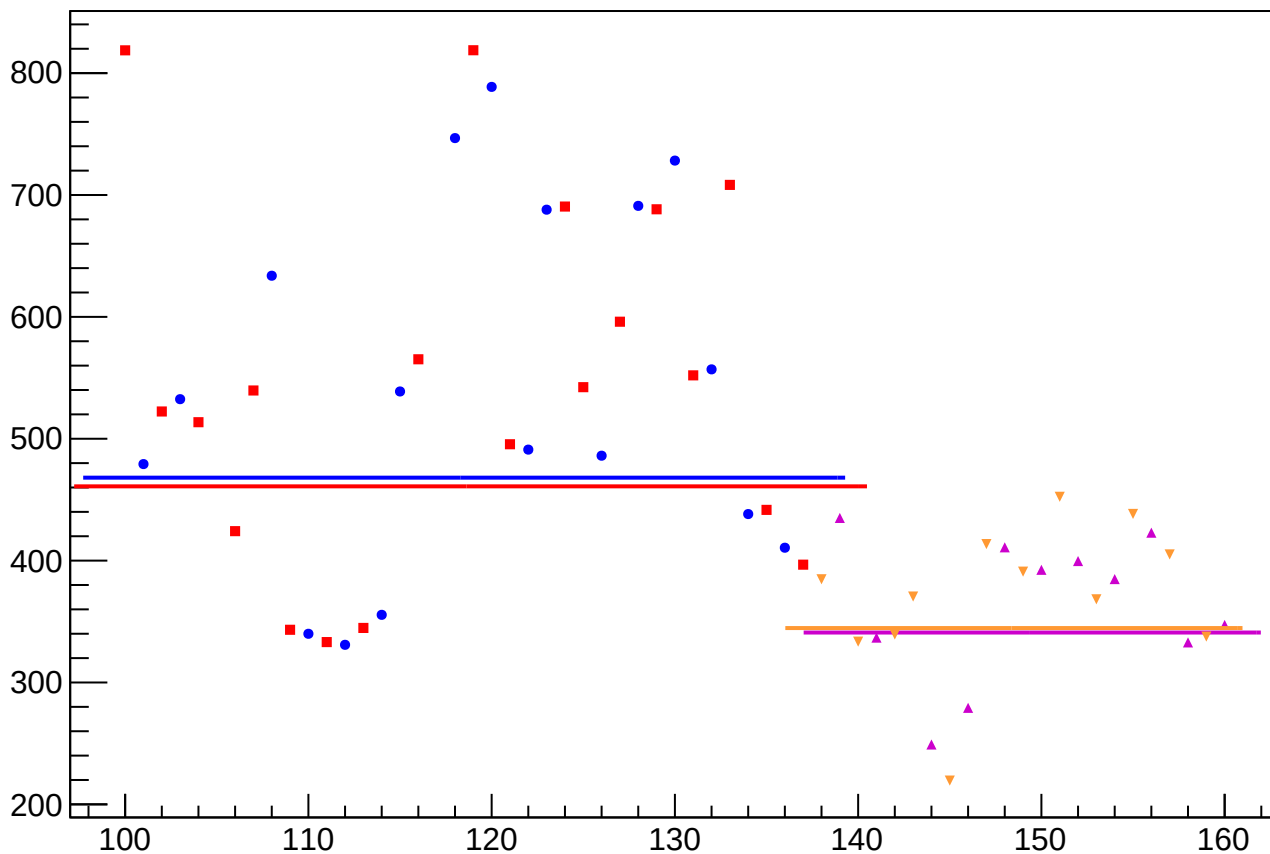
Right Out: 338.329 ± 179.381 χ^2/NDF : 12.5/18

Left In: -120.539 ± 116.096 χ^2/NDF : 14.9/10

307.919 ± 100.122 χ^2/NDF : 51.3/28

14.926 ± 97.464 χ^2/NDF : 32.0/29

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071+/-0.133 χ^2/NDF : 880319.3/16

Left Out: 344.660+/-0.084 χ^2/NDF : 782092.5/11

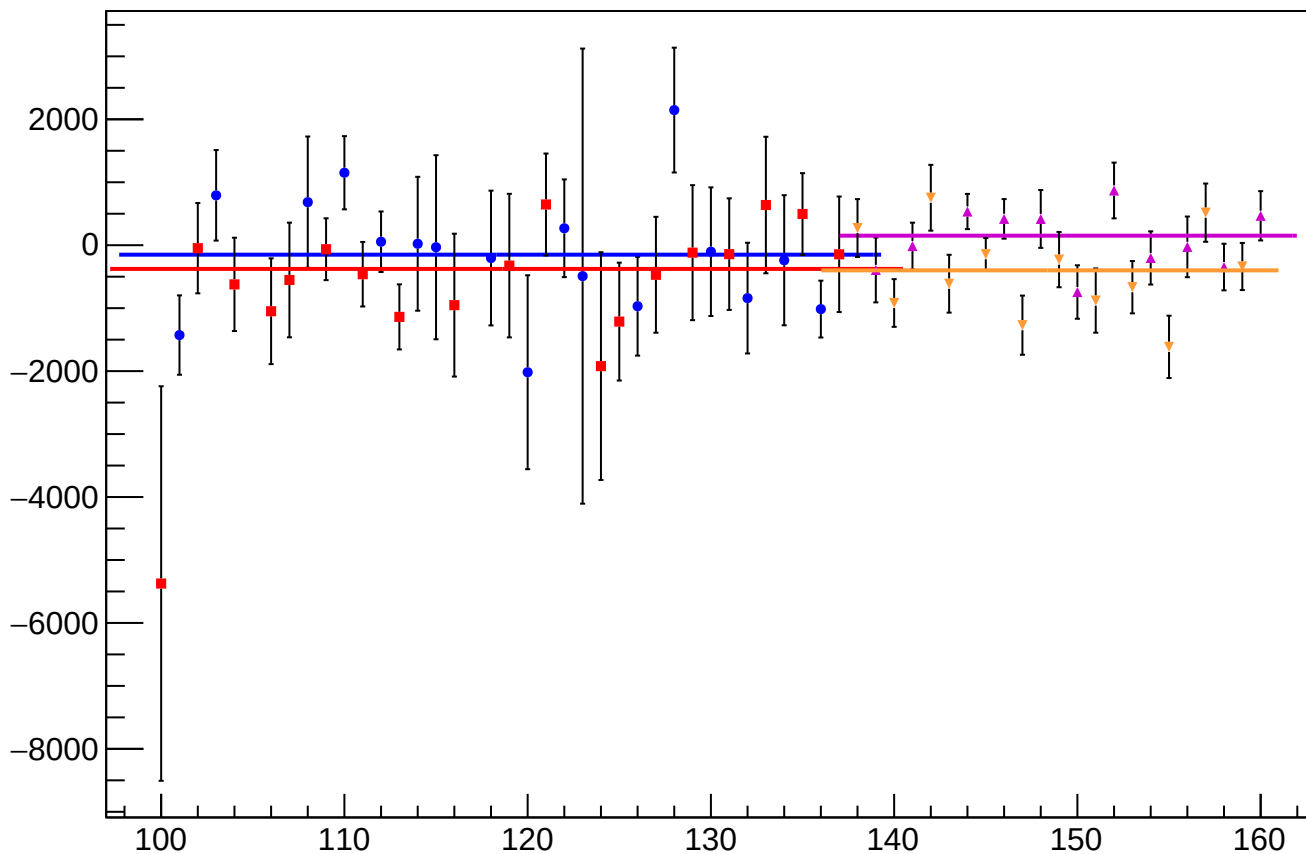
Right Out: 460.939+/-0.127 χ^2/NDF : 955028.5/18

Left In: 340.993+/-0.082 χ^2/NDF : 561239.0/10

379.456+/-0.071 χ^2/NDF : 2277597.5/28

376.403+/-0.069 χ^2/NDF : 2146508.3/29

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305 ± 189.729 χ^2/NDF : 24.2/16

Left Out: -399.660 ± 119.106 χ^2/NDF : 24.9/11

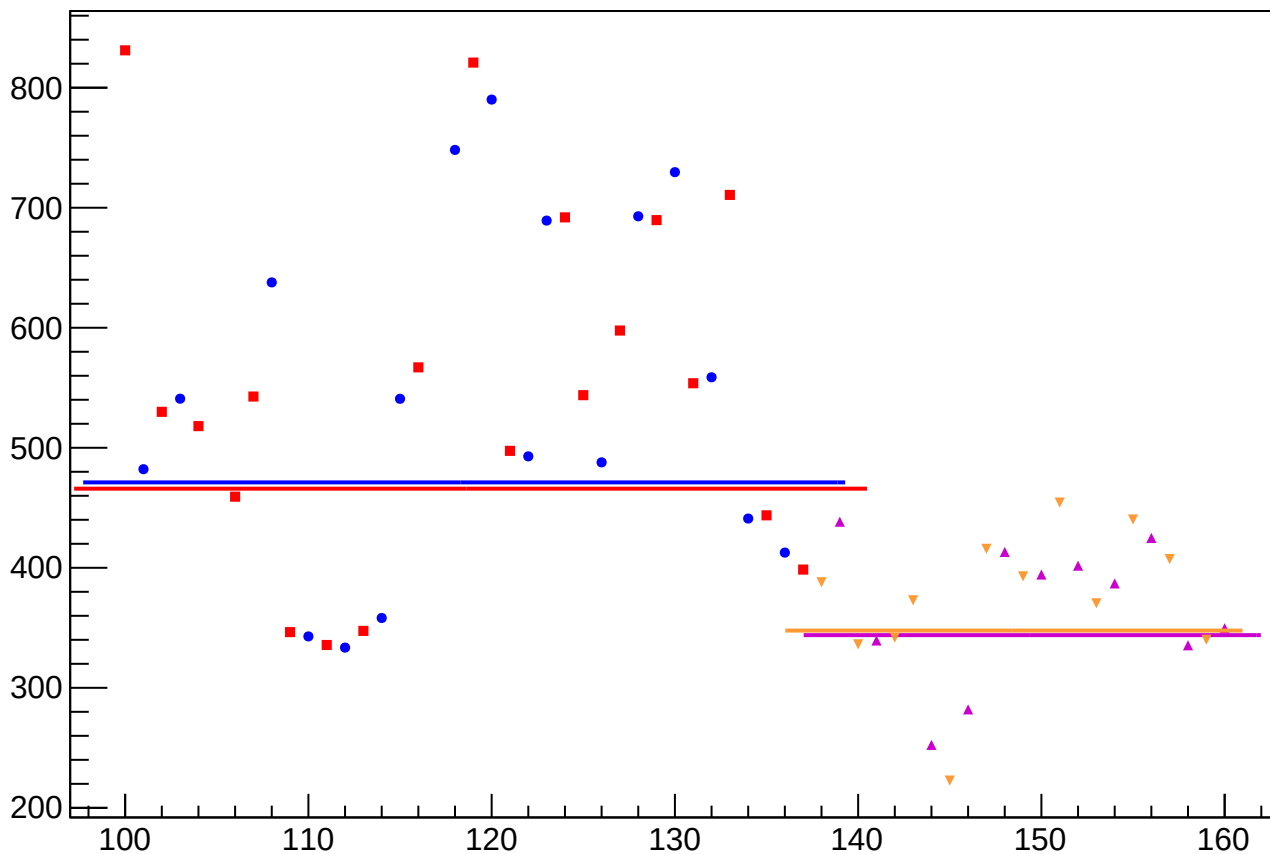
Right Out: -376.554 ± 181.258 χ^2/NDF : 12.4/18

Left In: 151.175 ± 117.016 χ^2/NDF : 14.6/10

-329.170 ± 100.876 χ^2/NDF : 50.4/28

-4.068 ± 98.309 χ^2/NDF : 33.0/29

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 347.701+/-0.084 χ^2/NDF : 757320.7/11

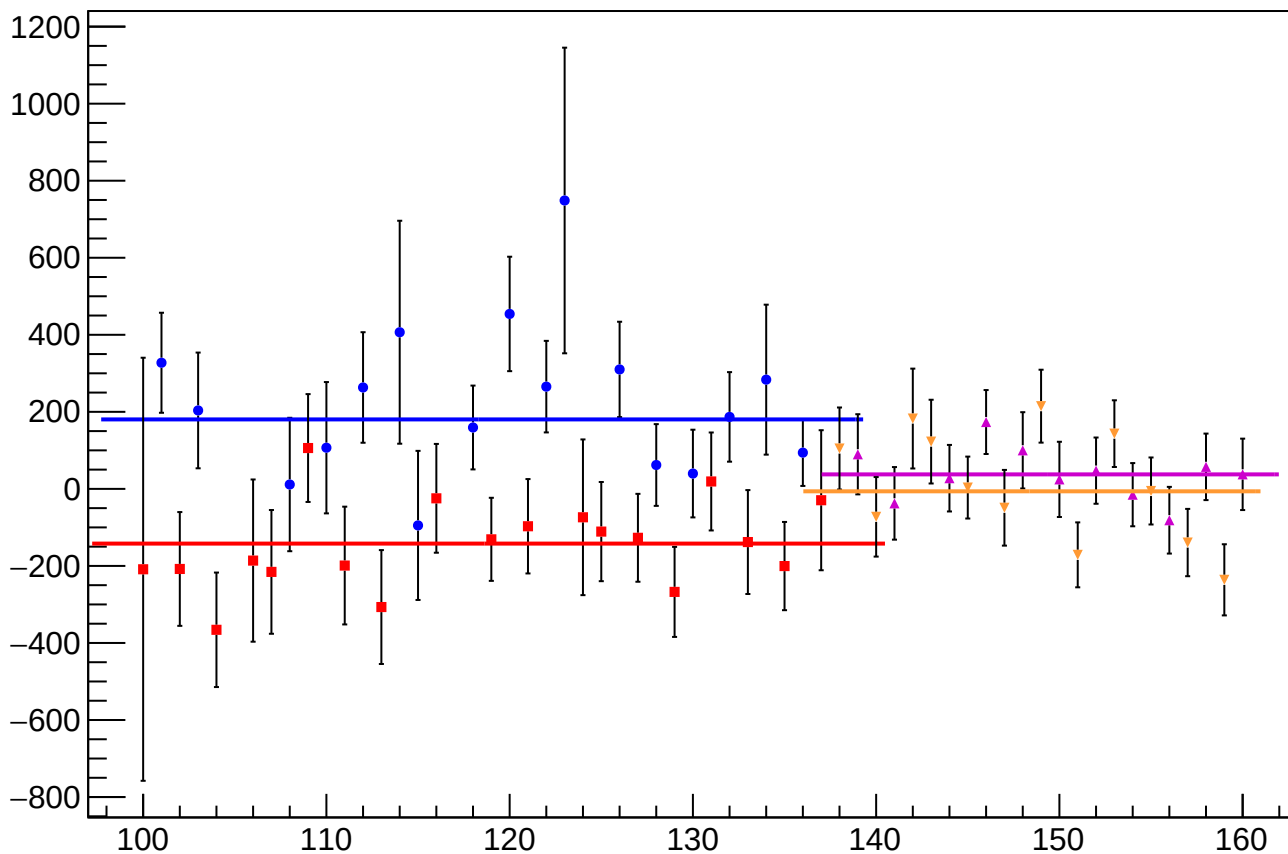
Right Out: 465.935+/-0.128 χ^2/NDF : 940521.6/18

Left In: 343.890+/-0.083 χ^2/NDF : 545186.8/10

382.601+/-0.071 χ^2/NDF : 2236568.0/28

379.792+/-0.070 χ^2/NDF : 2125707.6/29

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 ± 32.769 χ^2/NDF : 16.6/16

Left Out: -6.322 ± 27.209 χ^2/NDF : 26.0/11

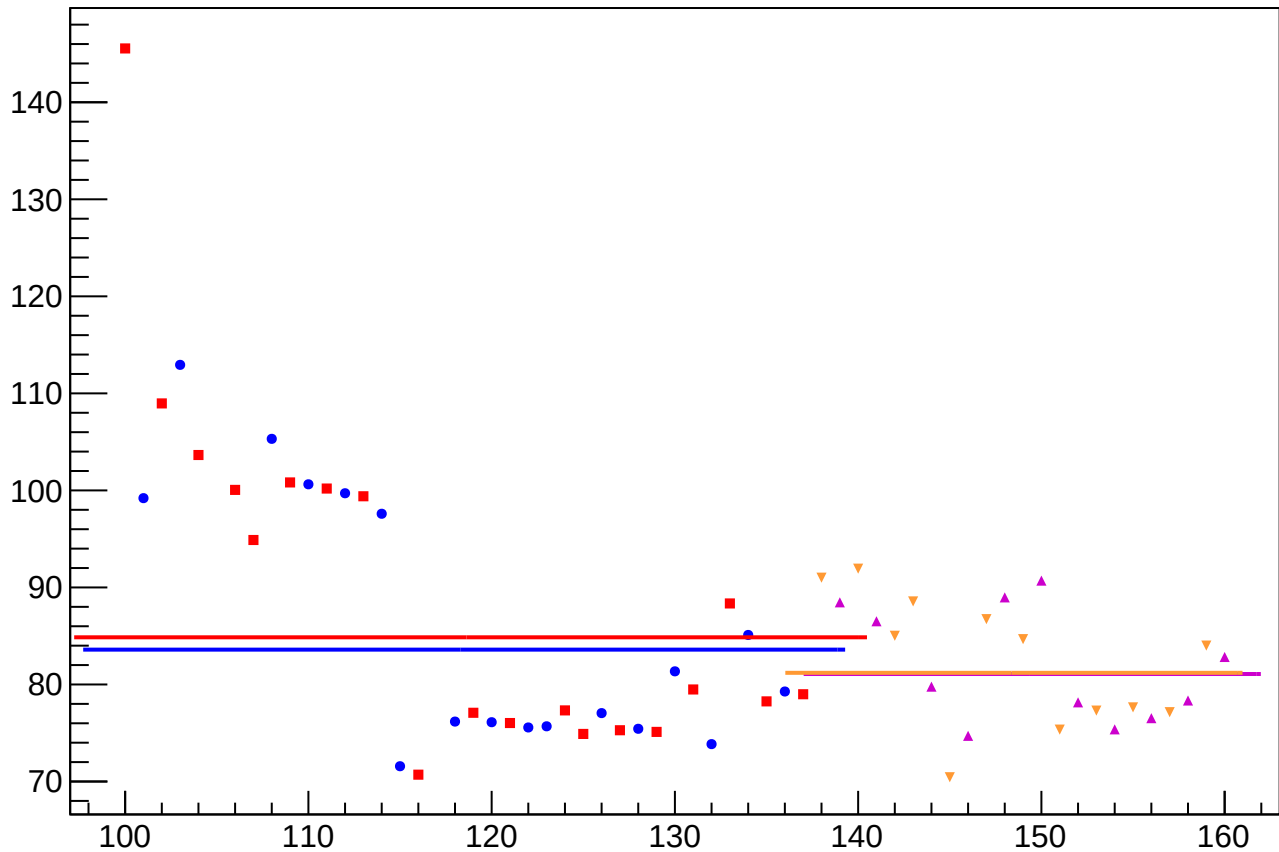
Right Out: -142.040 ± 32.338 χ^2/NDF : 11.7/18

Left In: 37.632 ± 27.127 χ^2/NDF : 6.4/10

69.847 ± 20.933 χ^2/NDF : 61.8/28

-36.581 ± 20.783 χ^2/NDF : 36.2/29

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591+/-0.023 χ^2/NDF : 255921.7/16

Left Out: 81.201+/-0.019 χ^2/NDF :117549.2/11

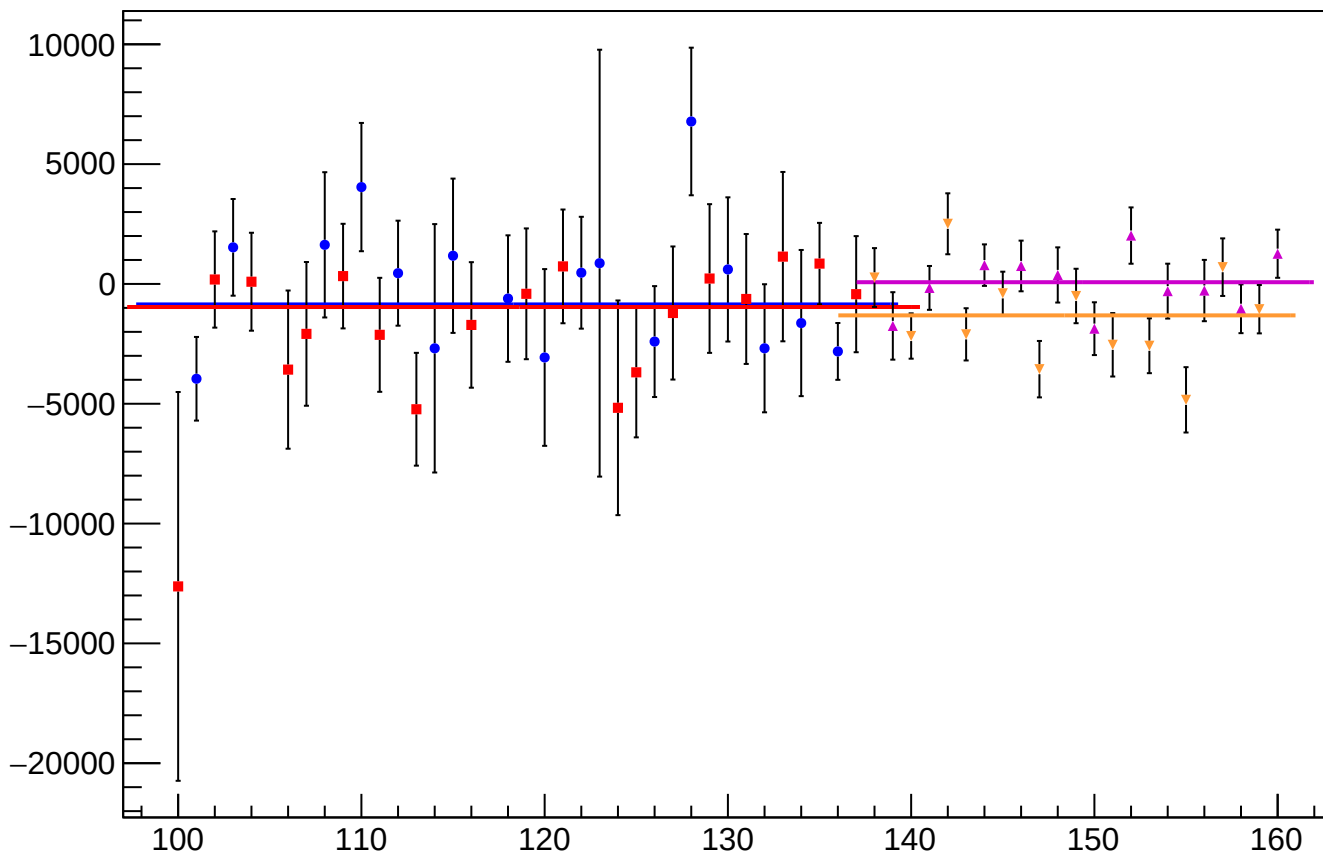
Right Out: 84.861+/-0.023 χ^2/NDF : 290606.5/18

Left In: 81.078+/-0.019 χ^2/NDF :81338.2/10

82.176+/-0.015 χ^2/NDF : 379765.5/28

82.641+/-0.015 χ^2/NDF : 388008.0/29

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308 ± 583.290 χ^2/NDF : 20.3/16

Left Out: -1312.017 ± 324.255 χ^2/NDF : 28.9/11

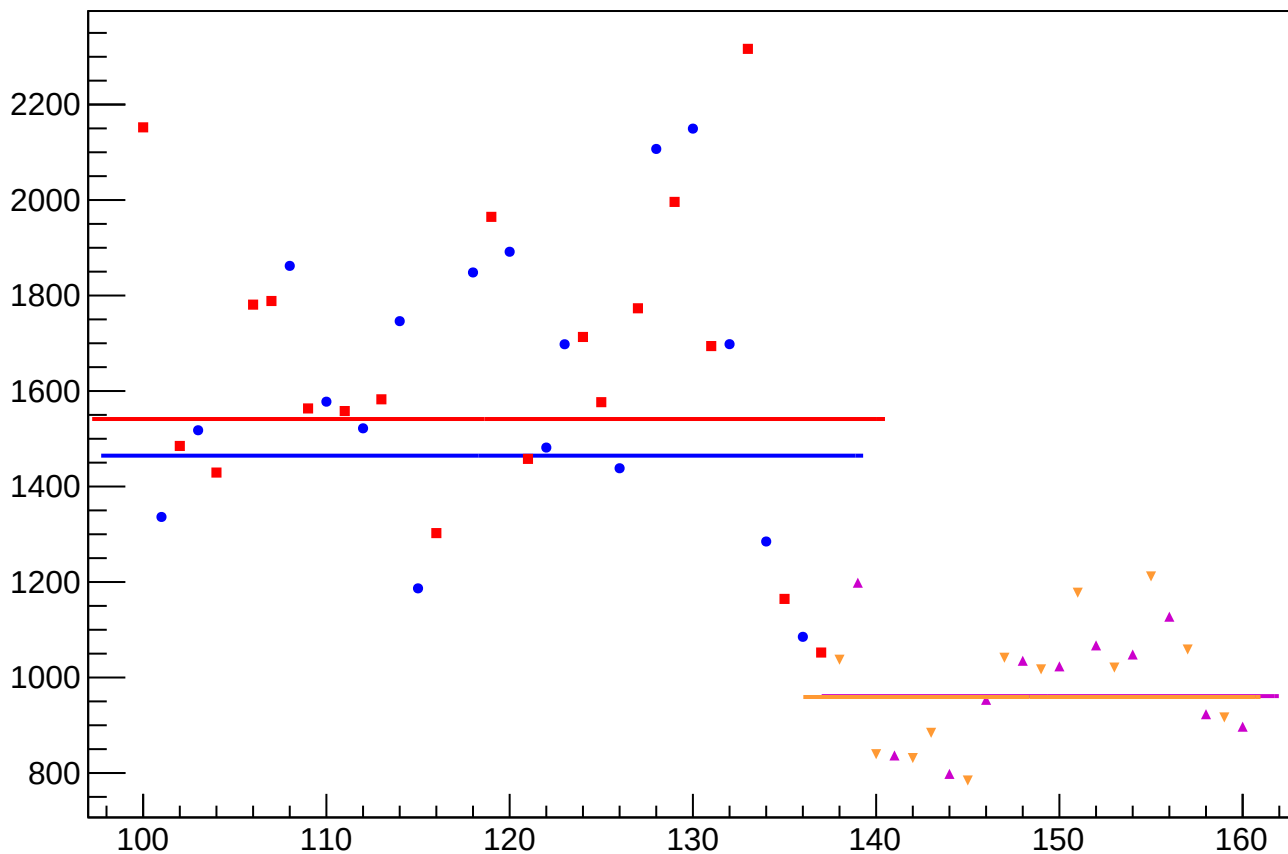
Right Out: -962.932 ± 589.071 χ^2/NDF : 11.5/18

Left In: 72.240 ± 323.456 χ^2/NDF : 11.5/10

-1204.198 ± 283.408 χ^2/NDF : 49.6/28

-167.567 ± 283.526 χ^2/NDF : 25.4/29

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636 $\pm$ 0.412 χ^2 /NDF: 560863.4/16

Left Out: 959.191 $\pm$ 0.229 χ^2 /NDF: 305929.5/11

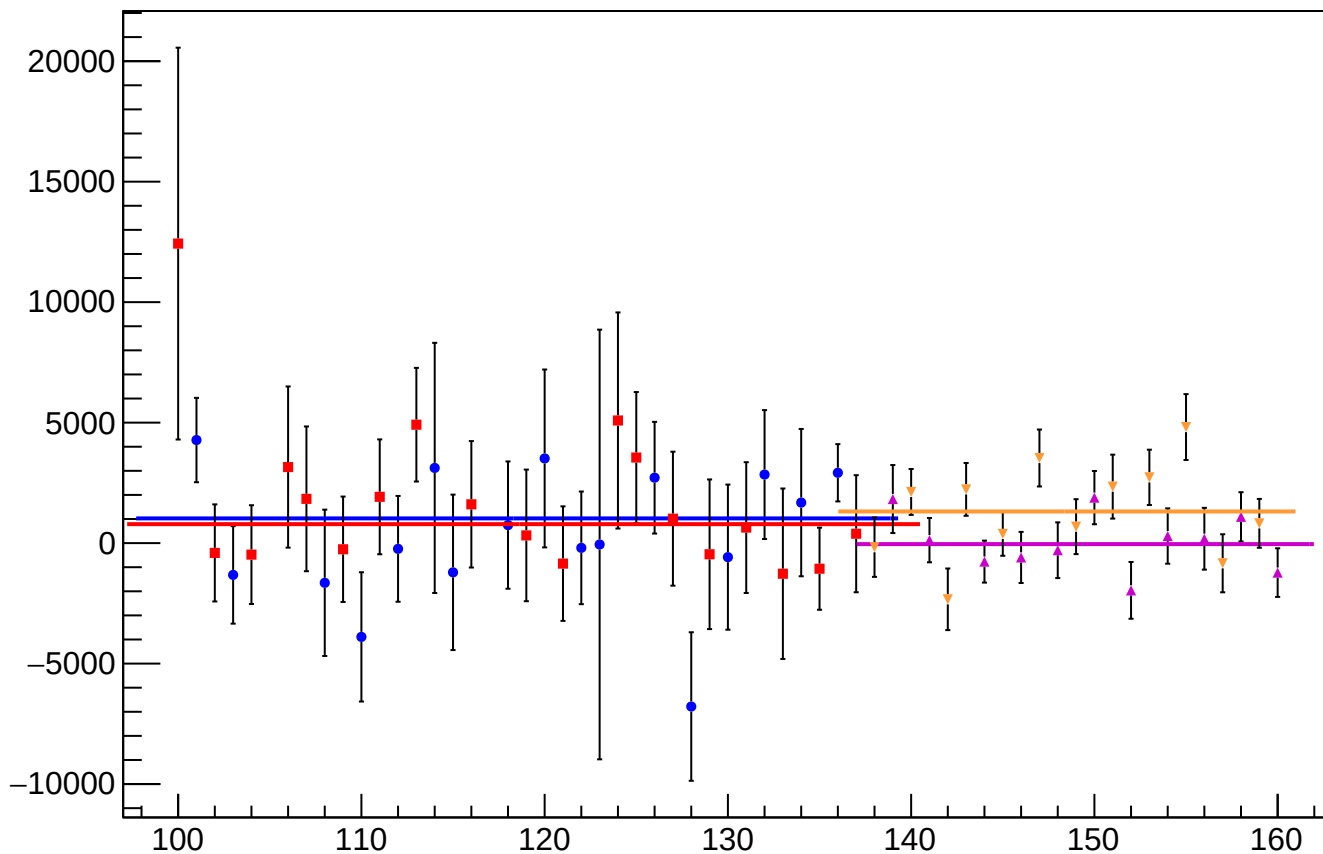
Right Out: 1541.388 $\pm$ 0.417 χ^2 /NDF: 453710.5/18

Left In: 961.069 $\pm$ 0.229 χ^2 /NDF: 251905.4/10

1078.515 $\pm$ 0.200 χ^2 /NDF: 2014040.0/28

1095.505 $\pm$ 0.200 χ^2 /NDF: 2196974.7/29

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: 1313.280 $\pm$ 325.556 χ^2 /NDF:28.0/11

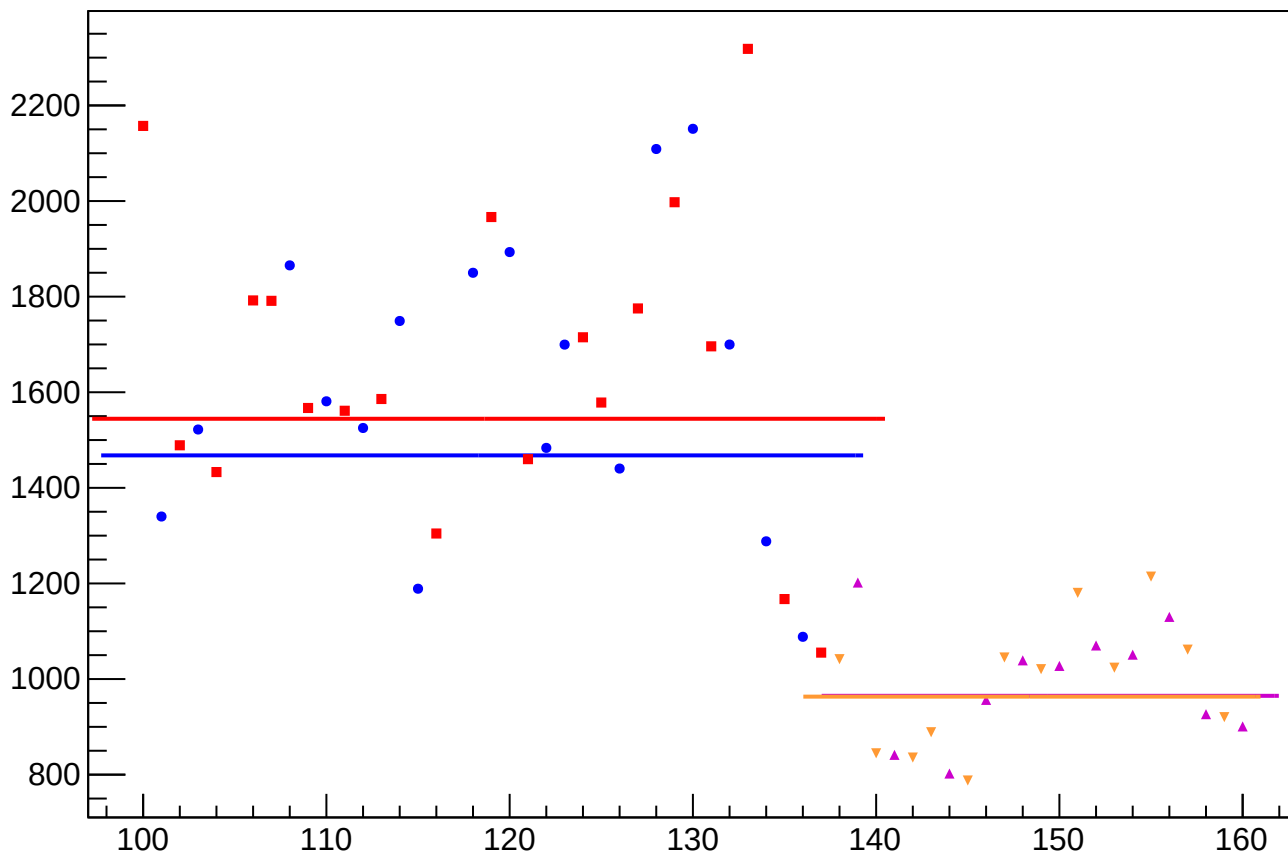
Right Out: 787.007 $\pm$ 590.388 χ^2 /NDF: 11.2/18

Left In: -41.101 $\pm$ 324.707 χ^2 /NDF:11.2/10

1245.147 $\pm$ 284.415 χ^2 /NDF: 49.1/28

151.218 $\pm$ 284.514 χ^2 /NDF: 23.9/29

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905 $\pm$ 0.413 χ^2 /NDF: 557458.9/16

Left Out: 963.222 $\pm$ 0.230 χ^2 /NDF: 301337.1/11

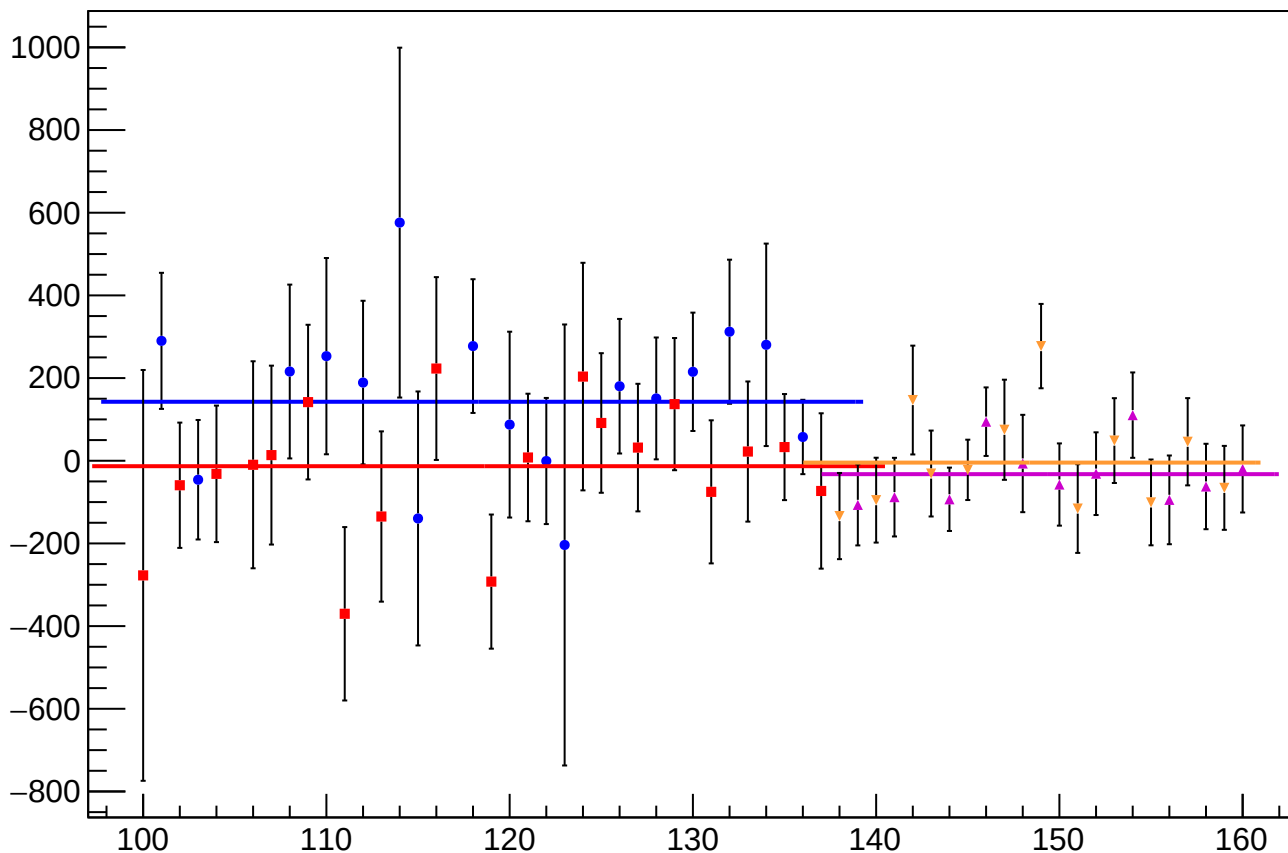
Right Out: 1544.513 $\pm$ 0.417 χ^2 /NDF: 451805.9/18

Left In: 964.918 $\pm$ 0.230 χ^2 /NDF: 248137.4/10

1082.719 $\pm$ 0.201 χ^2 /NDF: 1996820.4/28

1099.522 $\pm$ 0.201 χ^2 /NDF: 2179841.1/29

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -4.454 $\pm$ 29.478 χ^2 /NDF:14.6/11

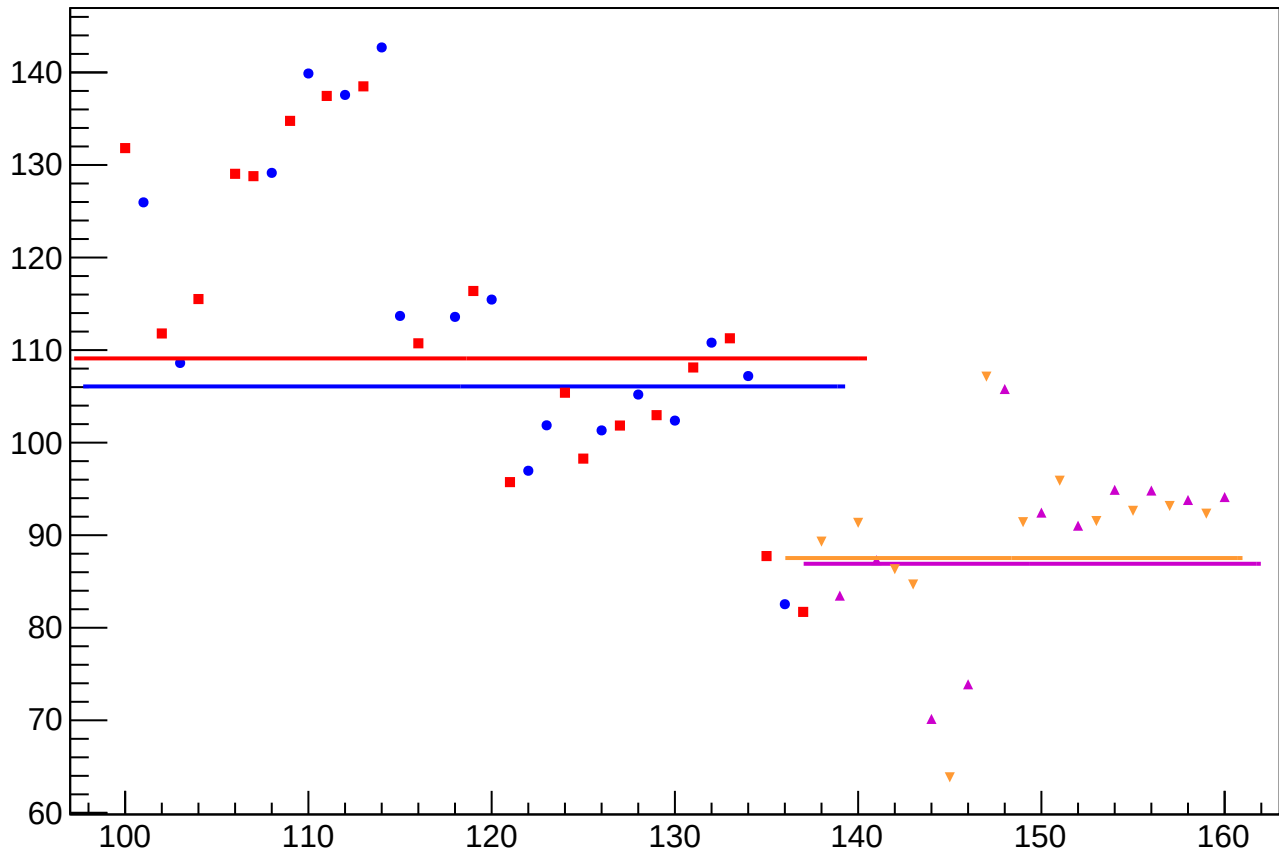
Right Out: -13.177 $\pm$ 41.396 χ^2 /NDF: 10.8/18

Left In: -32.422 $\pm$ 29.260 χ^2 /NDF:6.3/10

44.692 $\pm$ 24.057 χ^2 /NDF: 32.3/28

-26.010 $\pm$ 23.894 χ^2 /NDF: 17.3/29

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 87.532 $\pm$ 0.021 χ^2 /NDF:301184.4/11

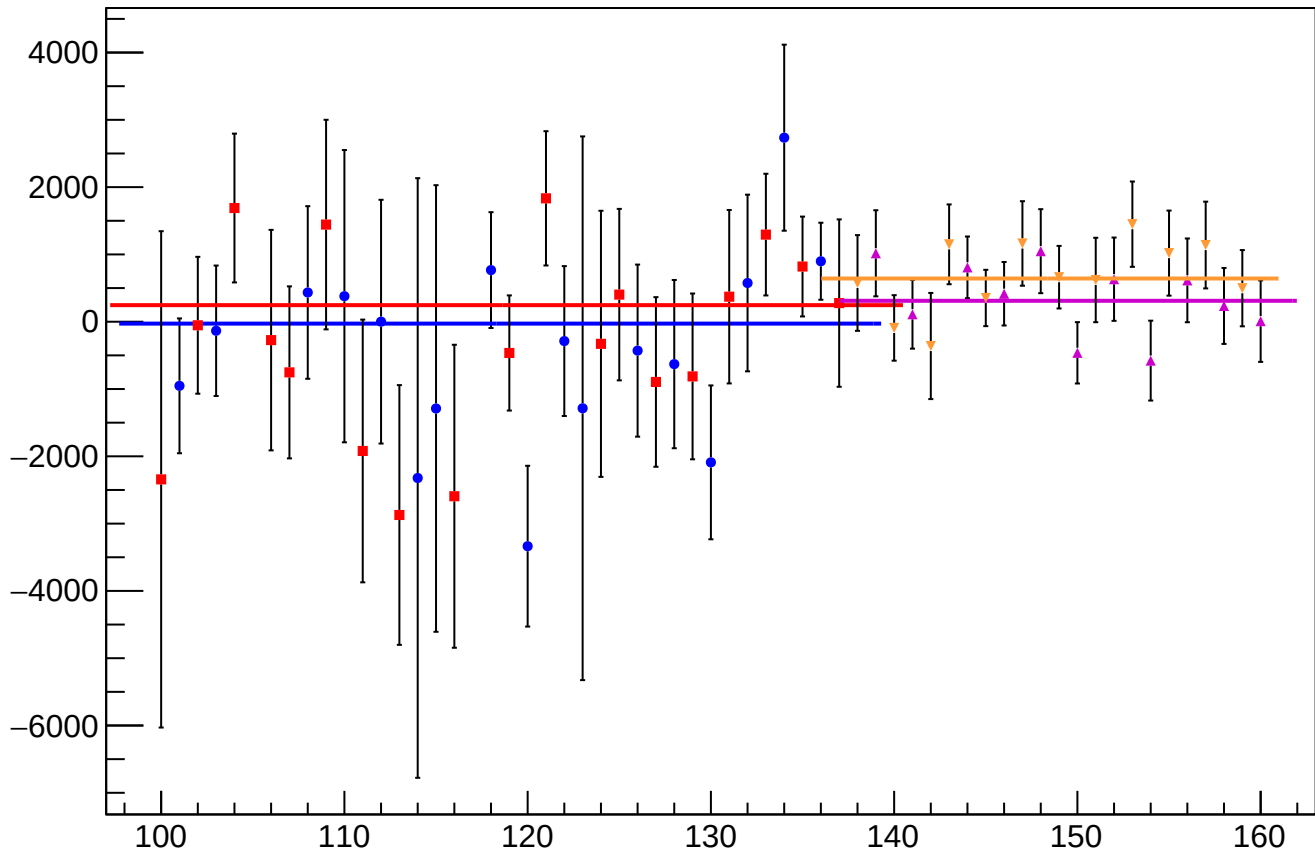
Right Out: 109.100 $\pm$ 0.029 χ^2 /NDF: 285394.8/18

Left In: 86.913 $\pm$ 0.021 χ^2 /NDF:249732.4/10

93.725 $\pm$ 0.017 χ^2 /NDF: 883393.6/28

94.305 $\pm$ 0.017 χ^2 /NDF: 918266.8/29

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 642.402 ± 165.333 χ^2/NDF : 8.4/11

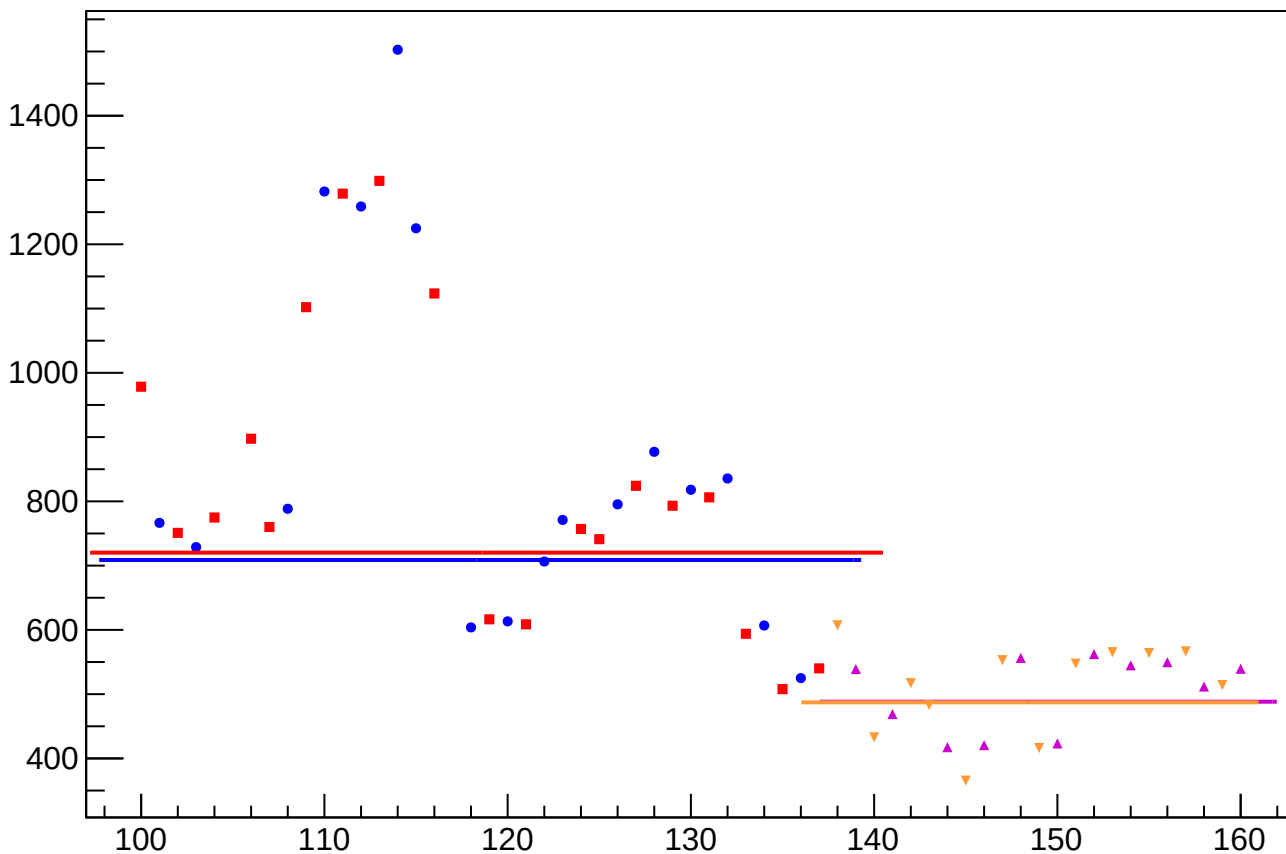
Right Out: 246.386 ± 279.451 χ^2/NDF : 15.9/18

Left In: 311.048 ± 164.830 χ^2/NDF : 9.9/10

472.484 ± 142.851 χ^2/NDF : 33.1/28

294.358 ± 141.973 χ^2/NDF : 25.8/29

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784+/-0.201 χ^2/NDF : 793538.1/16

Left Out: 487.253+/-0.117 χ^2/NDF : 436018.2/11

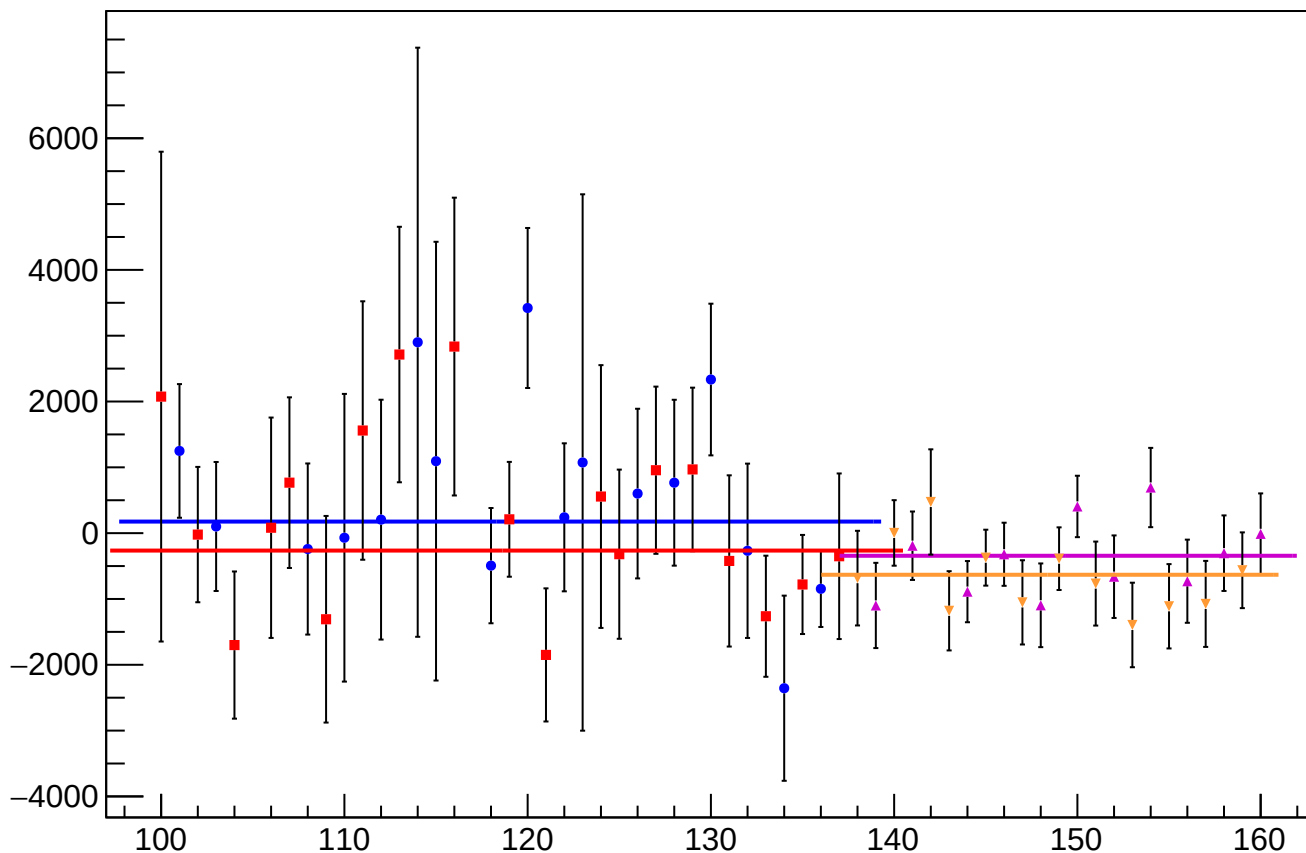
Right Out: 720.201+/-0.198 χ^2/NDF : 899934.4/18

Left In: 488.257+/-0.117 χ^2/NDF : 252863.6/10

543.404+/-0.101 χ^2/NDF : 2139688.9/28

548.123+/-0.100 χ^2/NDF : 2174976.9/29

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854 ± 287.218 χ^2/NDF : 19.7/16

Left Out: -632.170 ± 168.149 χ^2/NDF : 7.9/11

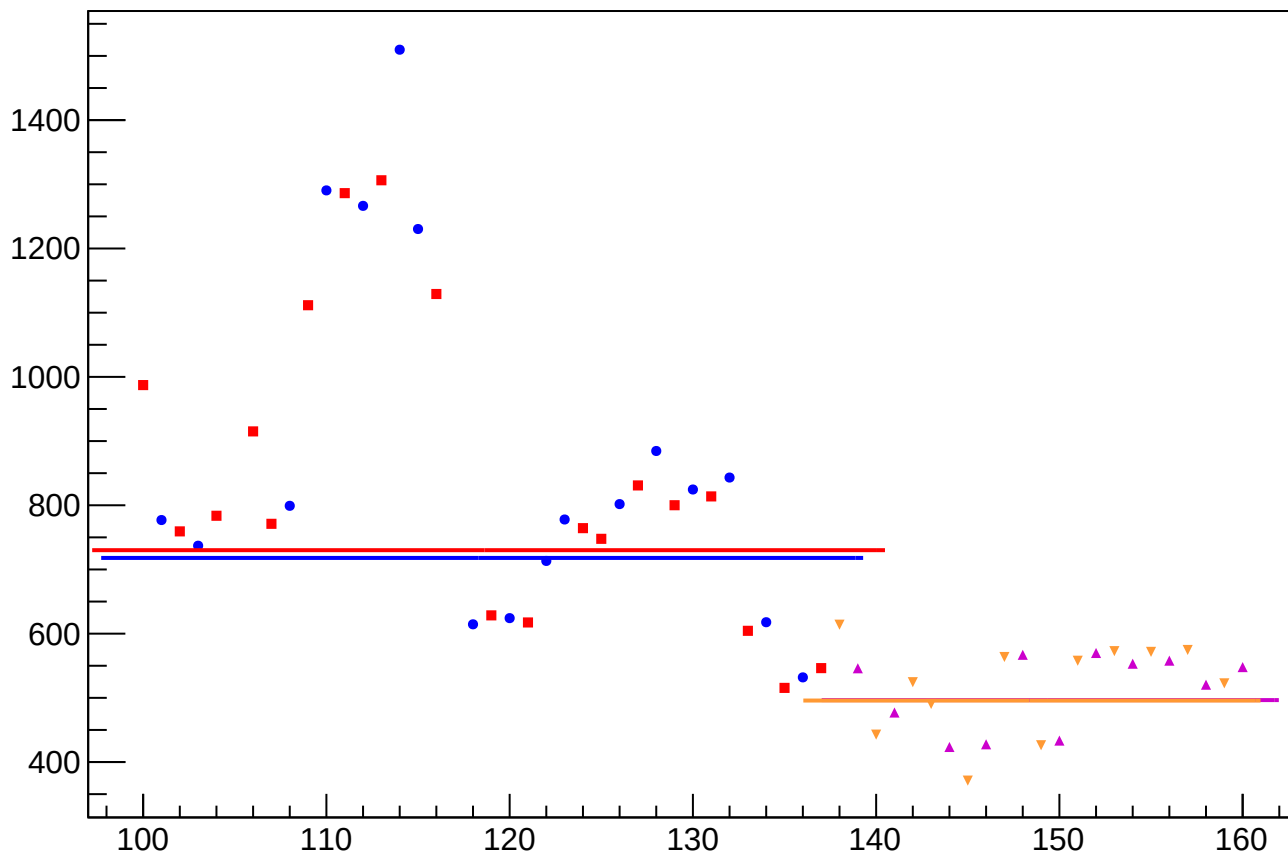
Right Out: -264.622 ± 283.074 χ^2/NDF : 14.8/18

Left In: -343.630 ± 167.561 χ^2/NDF : 10.7/10

-425.918 ± 145.110 χ^2/NDF : 33.6/28

-323.130 ± 144.193 χ^2/NDF : 25.6/29

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973 $\pm$ 0.203 χ^2 /NDF: 778580.1/16

Left Out: 495.812 $\pm$ 0.119 χ^2 /NDF: 426120.4/11

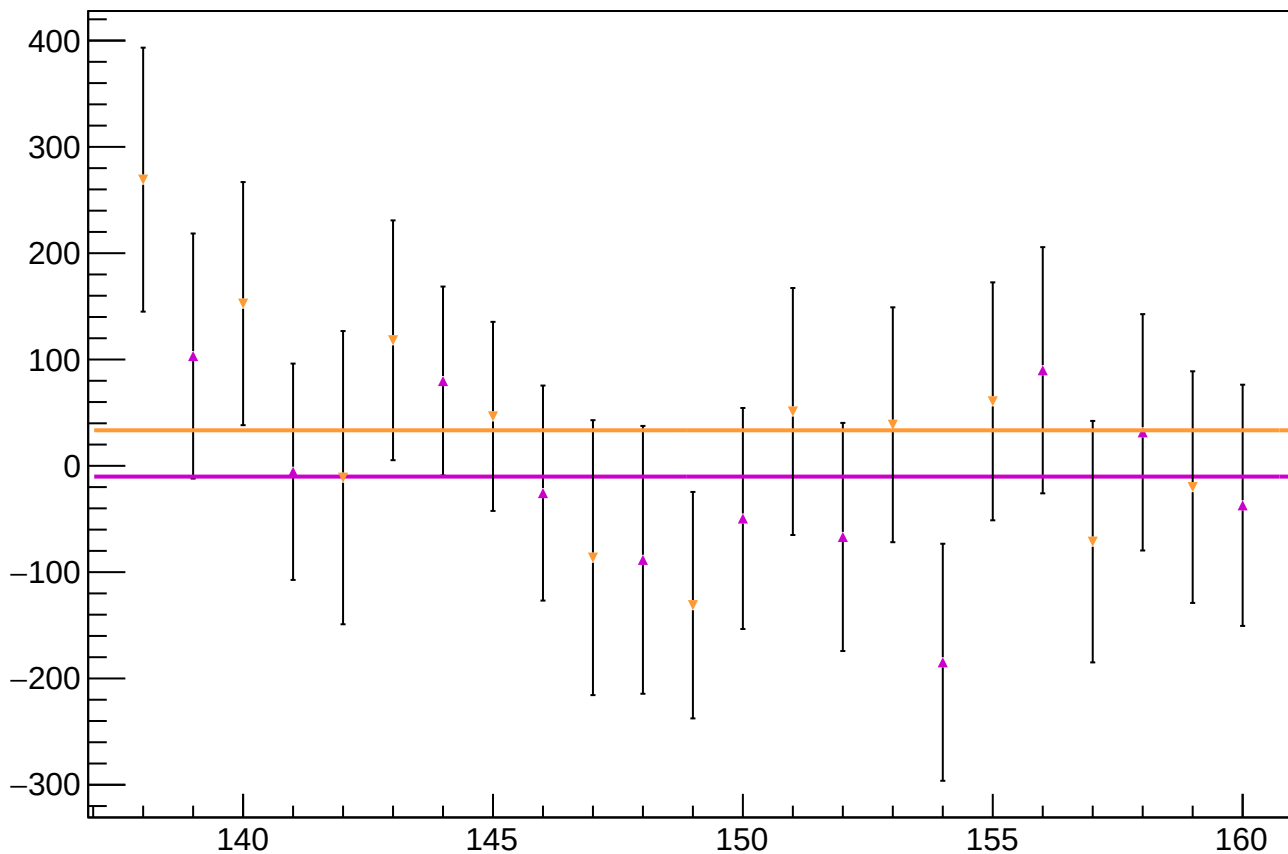
Right Out: 730.040 $\pm$ 0.200 χ^2 /NDF: 881842.0/18

Left In: 496.503 $\pm$ 0.118 χ^2 /NDF: 247802.3/10

552.520 $\pm$ 0.103 χ^2 /NDF: 2095847.4/28

557.099 $\pm$ 0.102 χ^2 /NDF: 2137702.1/29

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 33.428+/-32.534 χ^2/NDF : 9.8/11

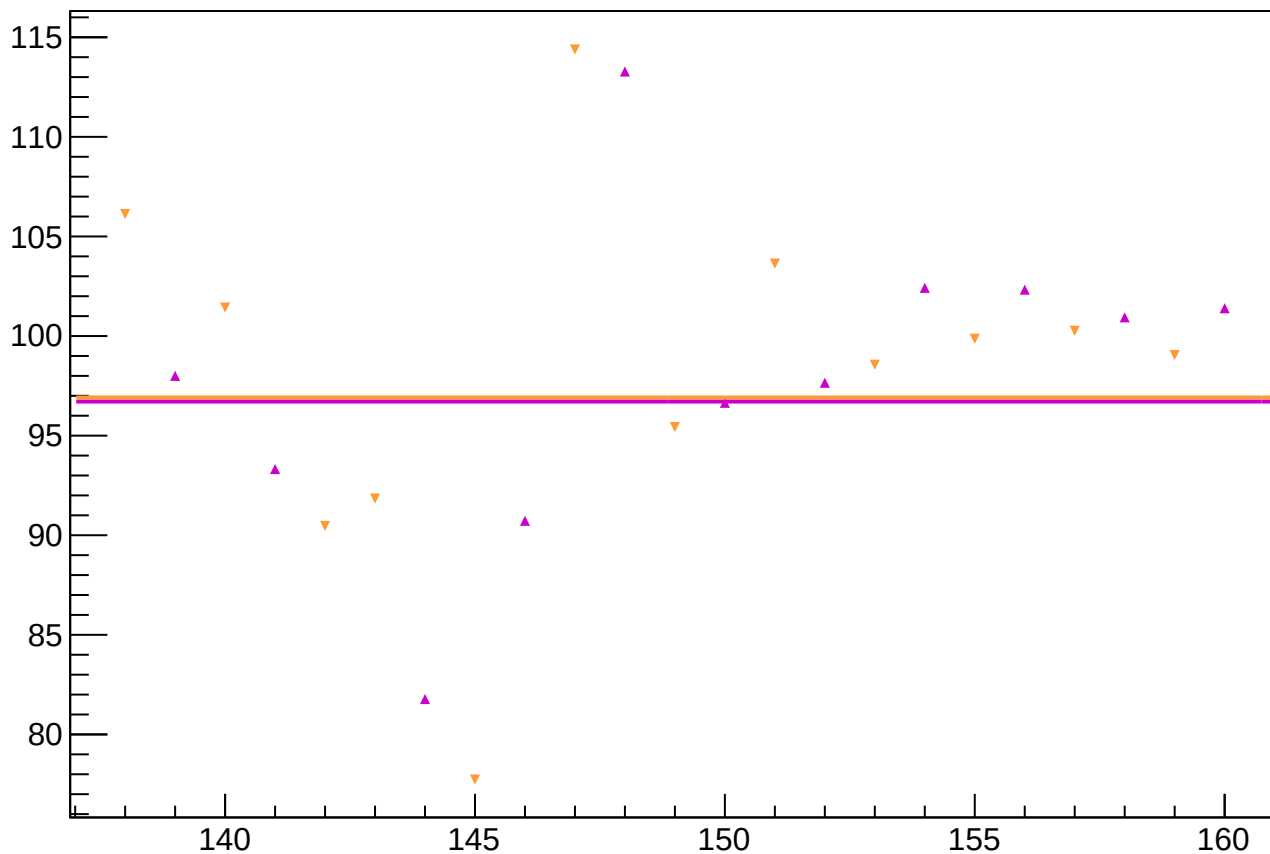
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.120+/-32.403 χ^2/NDF : 6.2/10

33.428+/-32.534 χ^2/NDF : 9.8/11

-10.120+/-32.403 χ^2/NDF : 6.2/10

reg_asym_sam_1548_avg_rms vs Slug



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

Left Out: 96.916+/-0.023 χ^2/NDF :163540.3/11

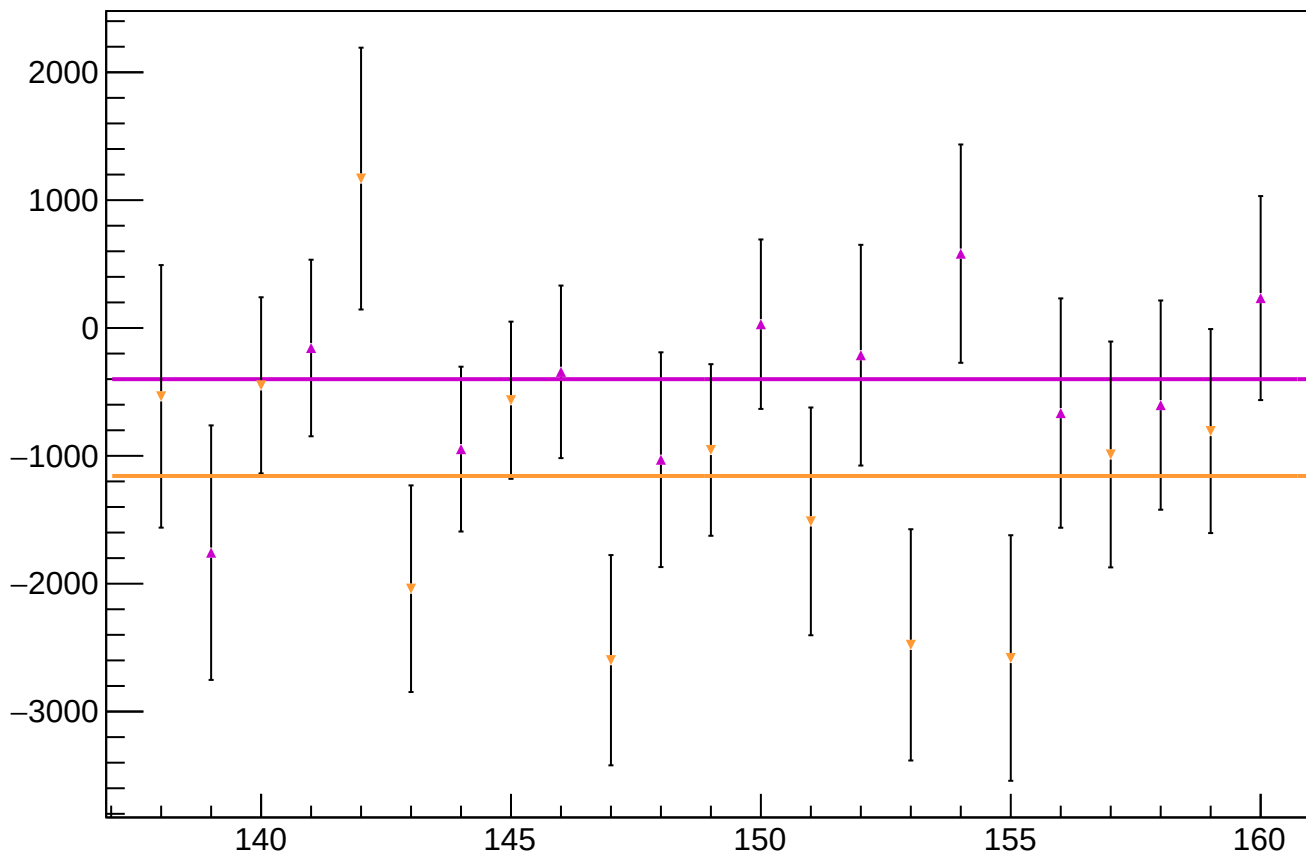
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 96.711+/-0.023 χ^2/NDF :116962.7/10

96.916+/-0.023 χ^2/NDF : 163540.3/11

96.711+/-0.023 χ^2/NDF : 116962.7/10

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1157.357+/-233.728 χ^2/NDF :16.6/11

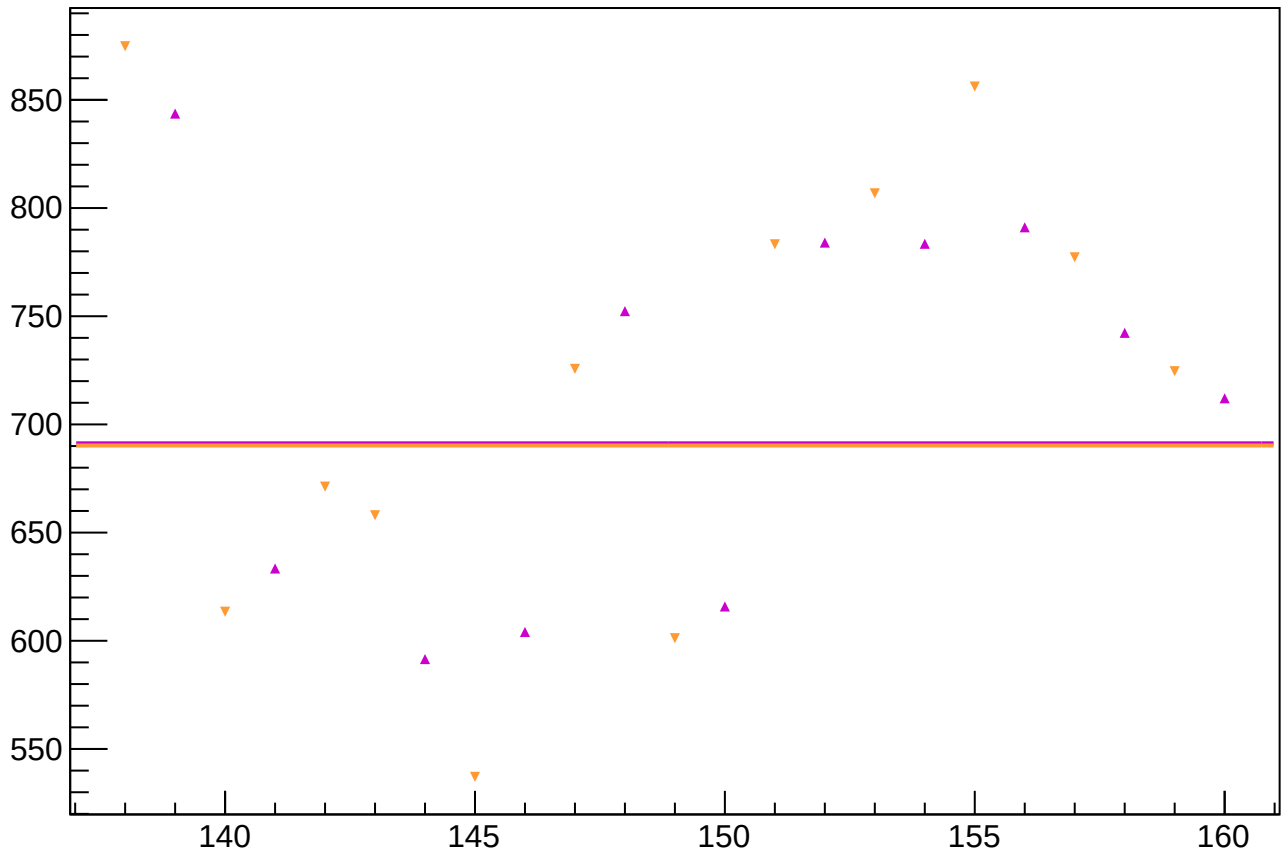
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -400.278+/-232.965 χ^2/NDF :5.8/10

-1157.357+/-233.728 χ^2/NDF : 16.6/11

-400.278+/-232.965 χ^2/NDF : 5.8/10

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 690.252+/-0.165 χ^2/NDF : 394199.7/11

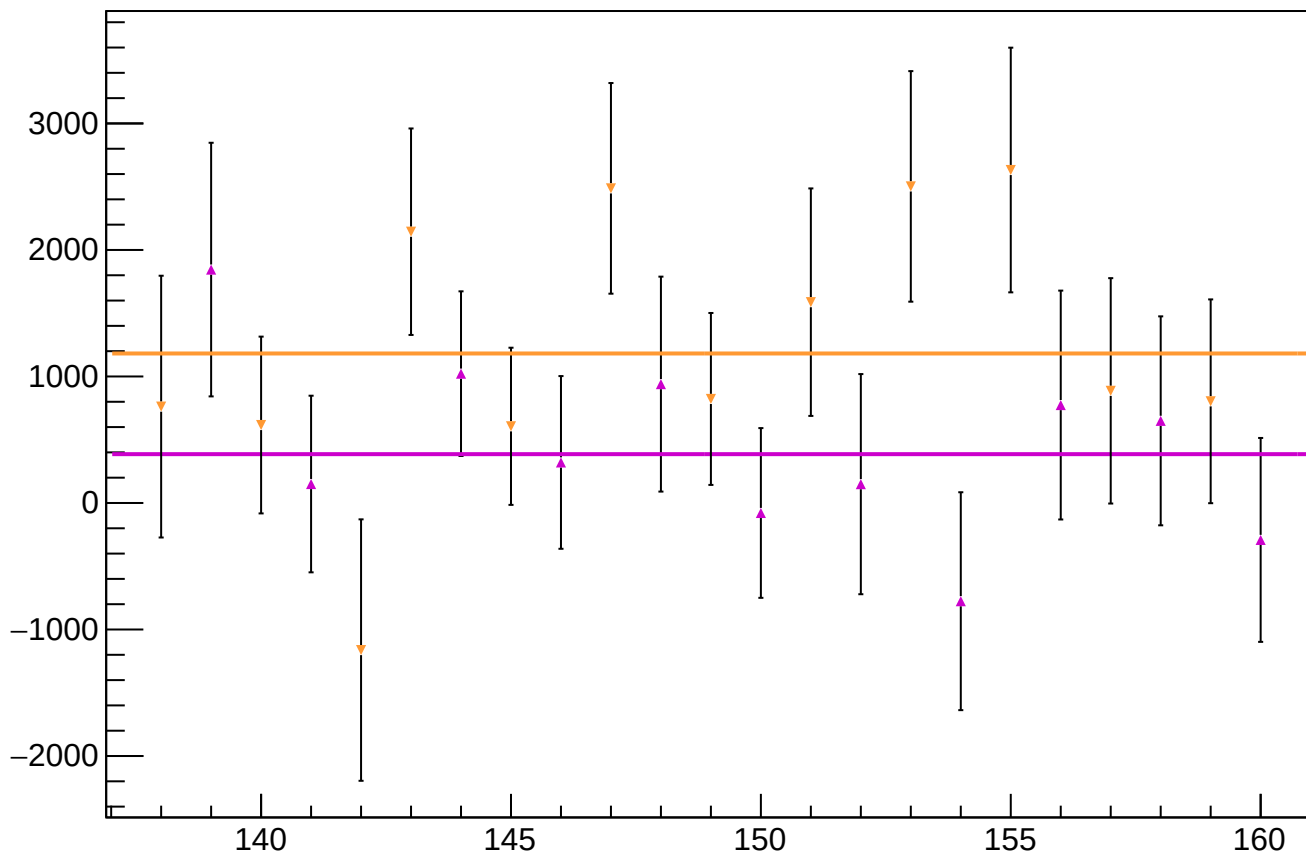
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 691.268+/-0.165 χ^2/NDF : 259011.5/10

690.252+/-0.165 χ^2/NDF : 394199.7/11

691.268+/-0.165 χ^2/NDF : 259011.5/10

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1181.729+/-236.134 χ^2/NDF : 15.8/11

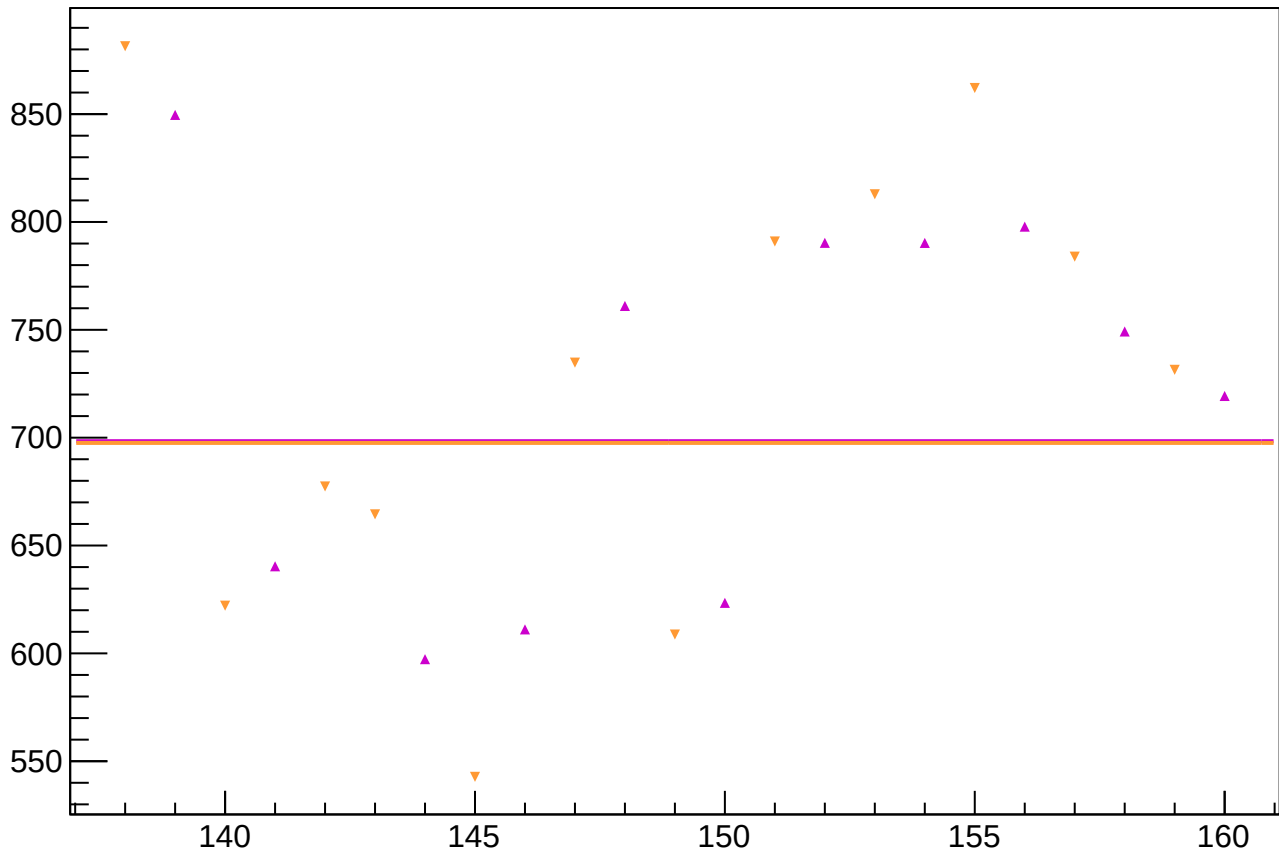
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 385.956+/-235.309 χ^2/NDF : 7.0/10

1181.729+/-236.134 χ^2/NDF : 15.8/11

385.956+/-235.309 χ^2/NDF : 7.0/10

asym_sam_1548_avg_rms vs Slug



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

Left Out: 697.569+/-0.167 χ^2/NDF : 386832.0/11

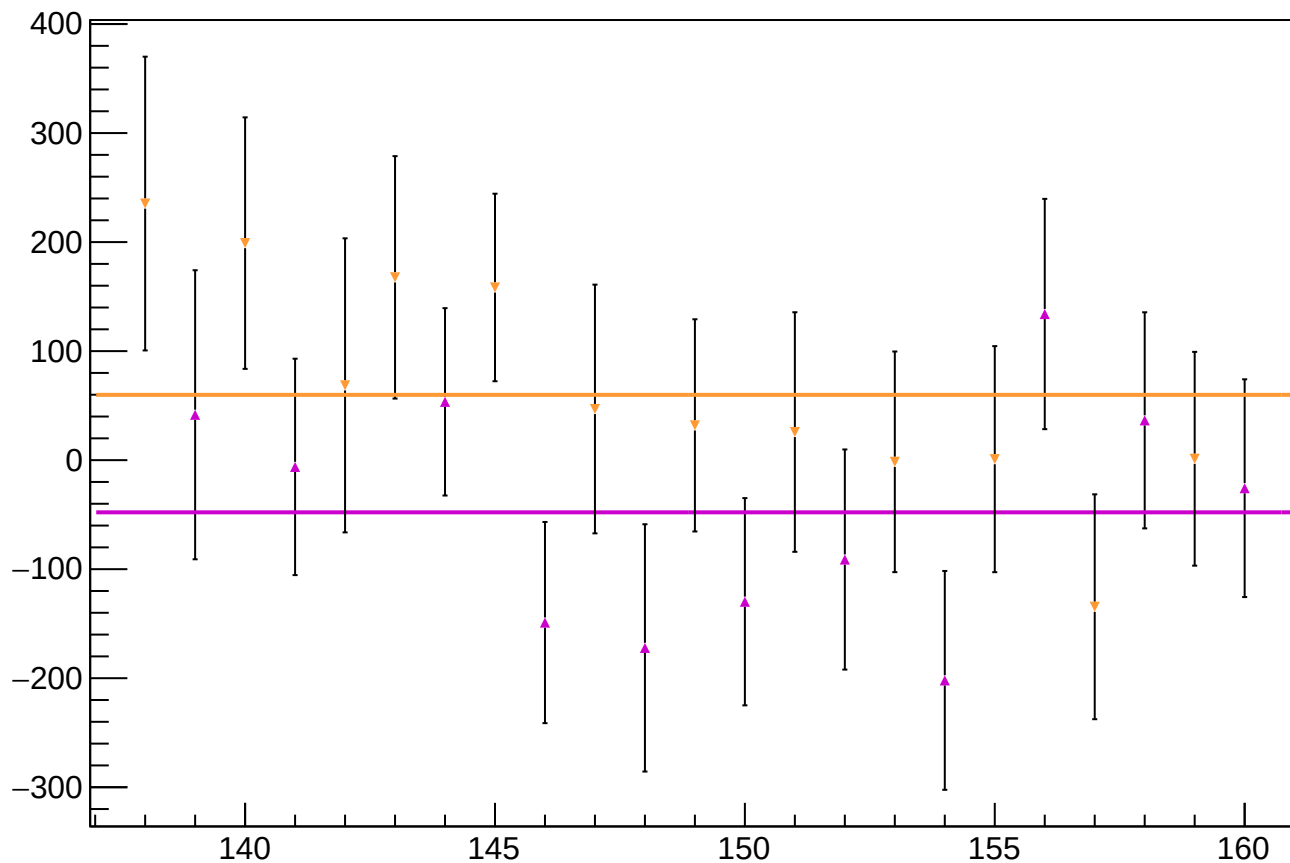
697.569+/-0.167 χ^2/NDF : 386832.0/11

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

698.368+/-0.166 χ^2/NDF : 254367.9/10

Left In: 698.368+/-0.166 χ^2/NDF : 254367.9/10

reg_asym_sam_3748_avg_mean vs Slug



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

Left Out: 59.891+/-30.781 χ^2/NDF : 10.2/11

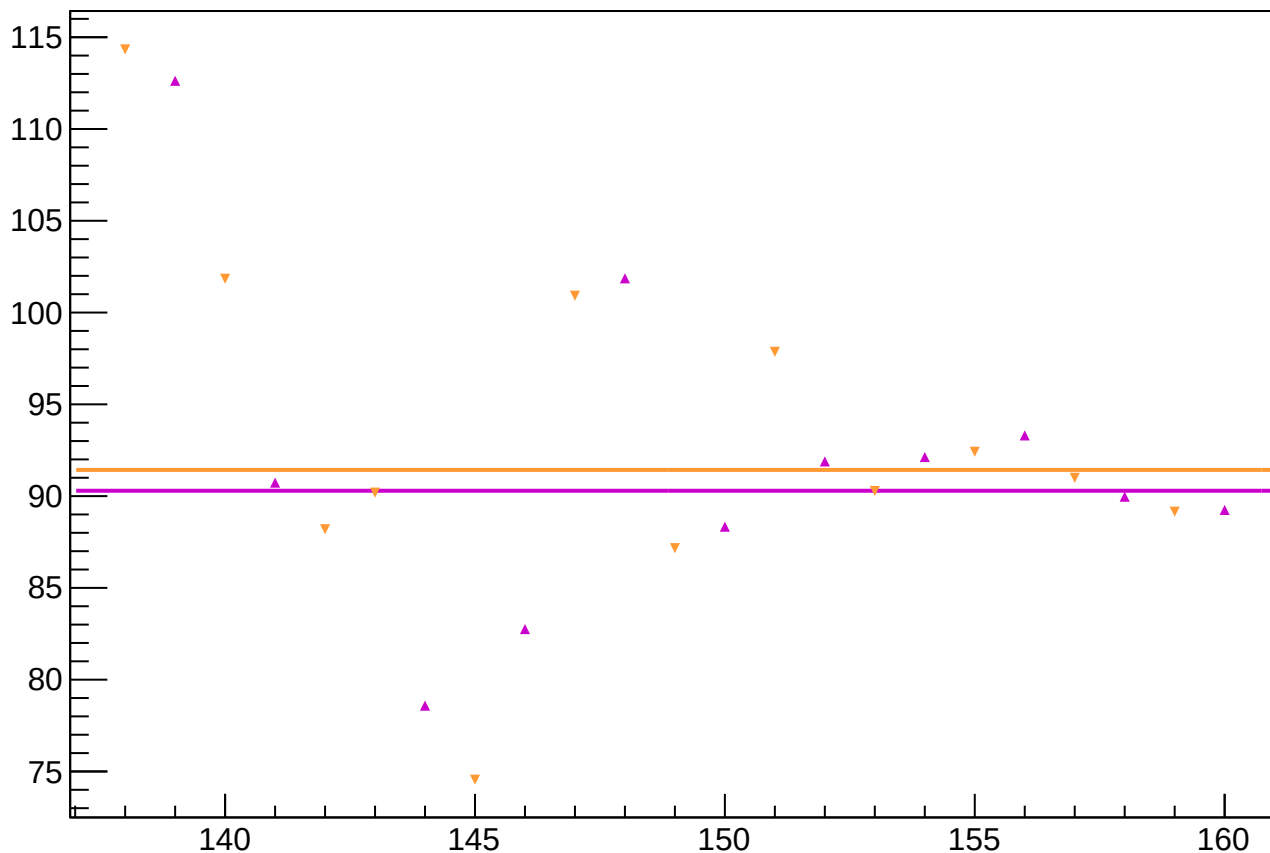
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.865+/-30.304 χ^2/NDF : 11.5/10

59.891+/-30.781 χ^2/NDF : 10.2/11

-47.865+/-30.304 χ^2/NDF : 11.5/10

reg_asym_sam_3748_avg_rms vs Slug



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

Left Out: 91.427+/-0.022 χ^2/NDF :178617.7/11

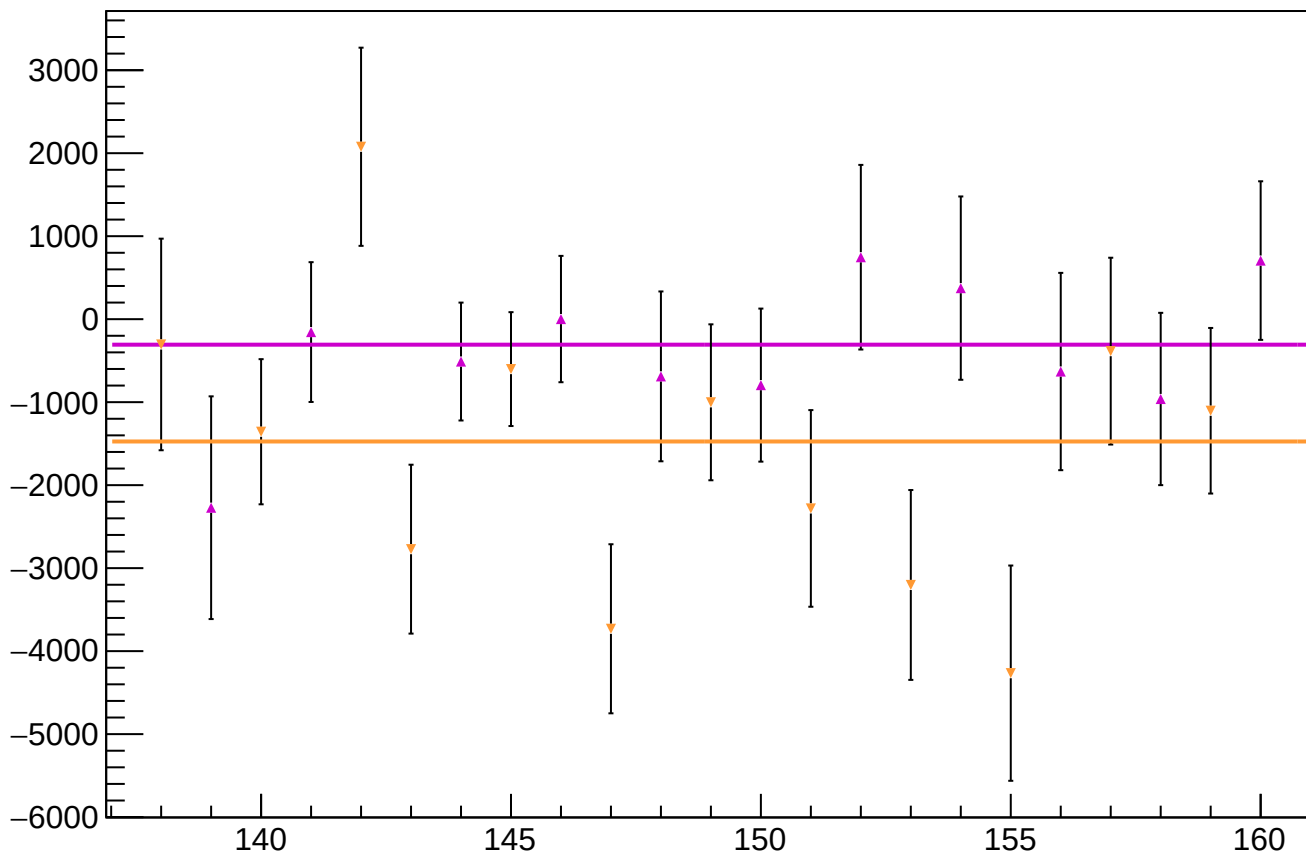
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.292+/-0.021 χ^2/NDF :131996.8/10

91.427+/-0.022 χ^2/NDF : 178617.7/11

90.292+/-0.021 χ^2/NDF : 131996.8/10

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1473.790+/-292.638 χ^2/NDF : 26.6/11

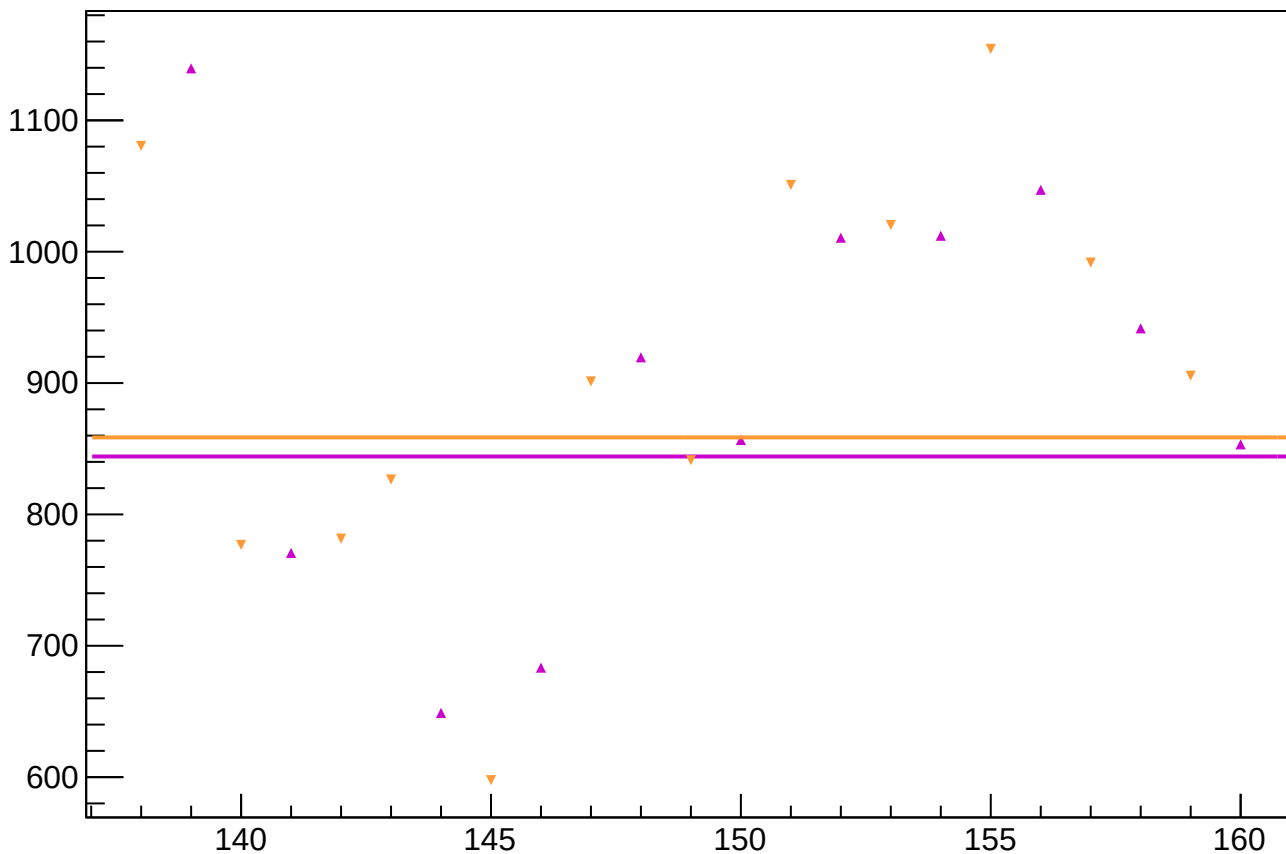
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -307.346+/-286.728 χ^2/NDF : 5.7/10

-1473.790+/-292.638 χ^2/NDF : 26.6/11

-307.346+/-286.728 χ^2/NDF : 5.7/10

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 858.627+/-0.207 χ^2/NDF : 610978.8/11

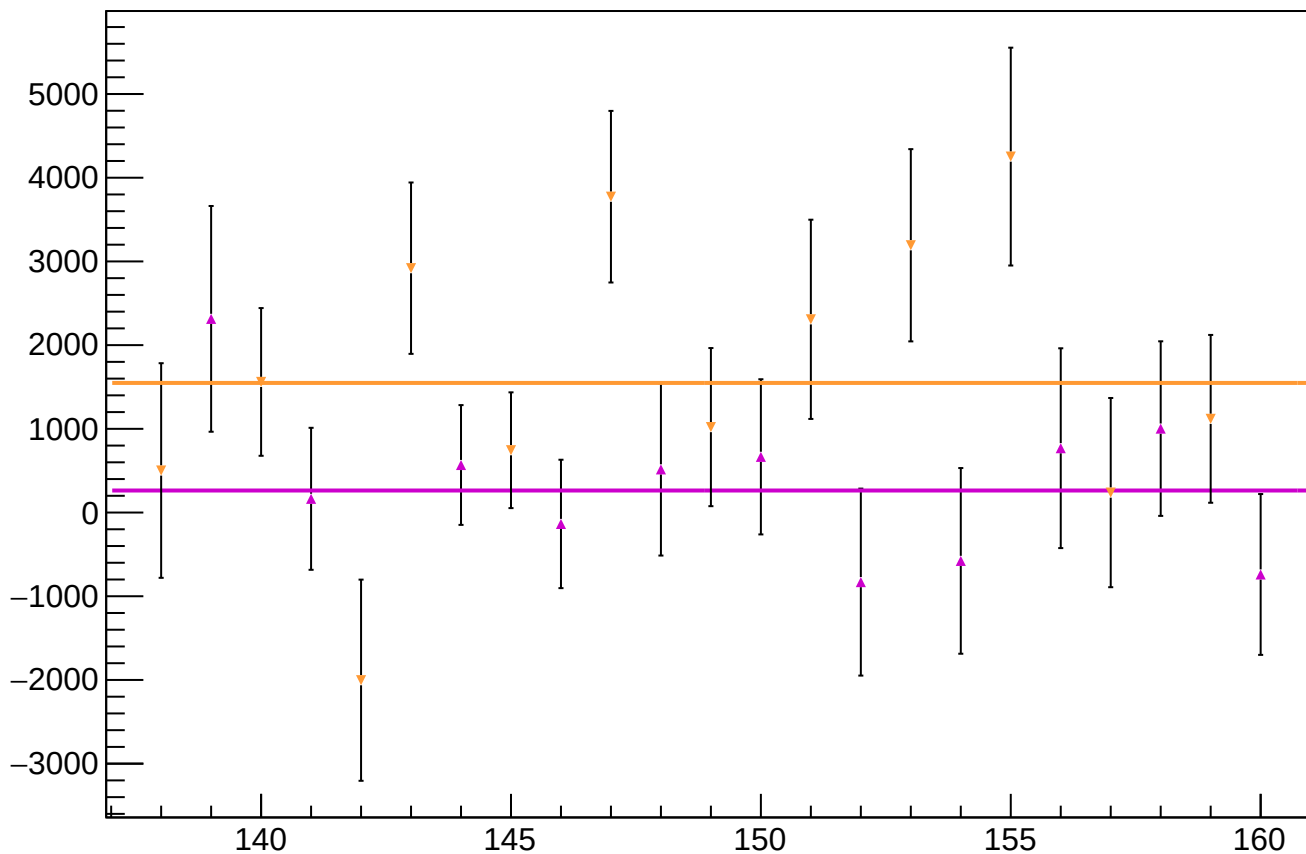
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 844.092+/-0.203 χ^2/NDF : 531039.3/10

858.627+/-0.207 χ^2/NDF : 610978.8/11

844.092+/-0.203 χ^2/NDF : 531039.3/10

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1548.438+/-294.422 χ^2/NDF : 25.9/11

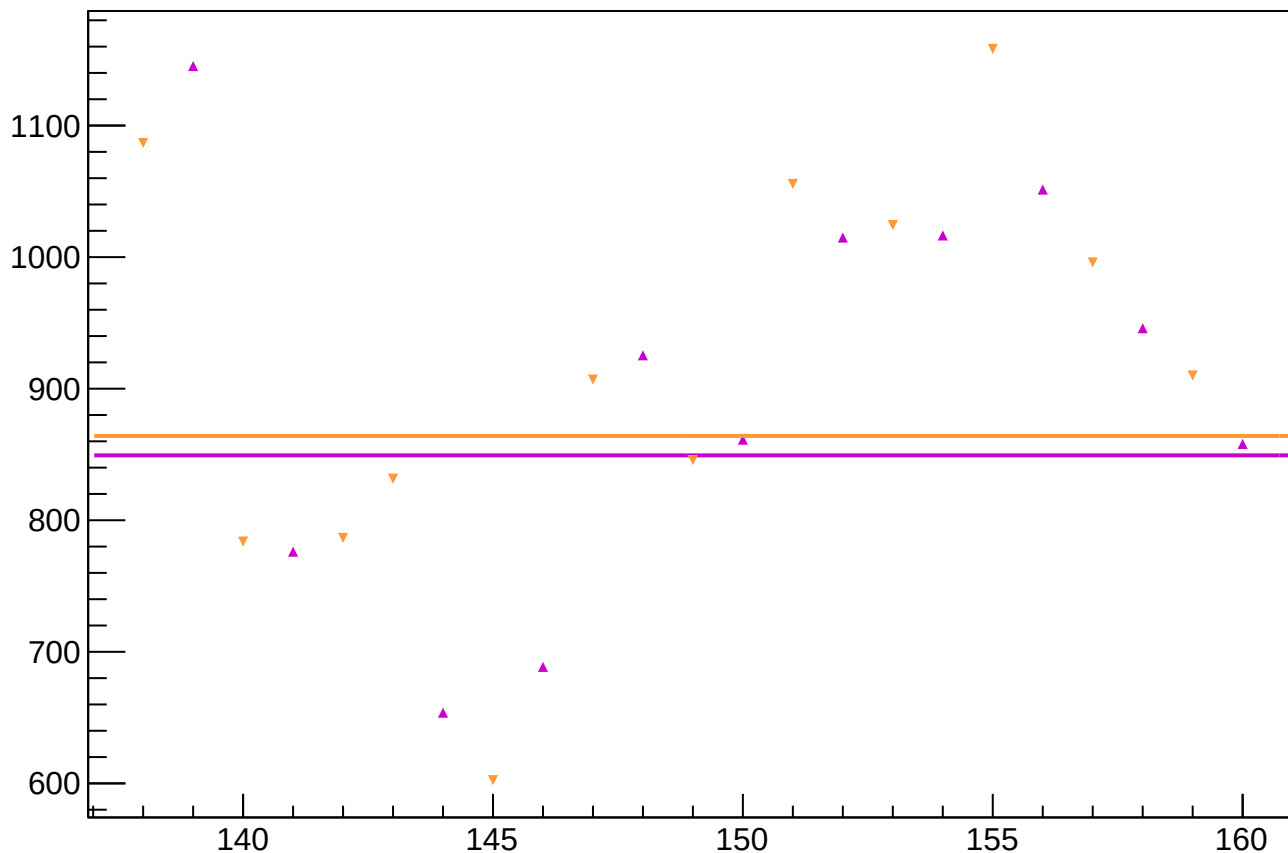
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 263.235+/-288.440 χ^2/NDF : 6.3/10

1548.438+/-294.422 χ^2/NDF : 25.9/11

263.235+/-288.440 χ^2/NDF : 6.3/10

asym_sam_3748_avg_rms vs Slug



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

Left Out: 864.098+/-0.208 χ^2/NDF : 602162.0/11

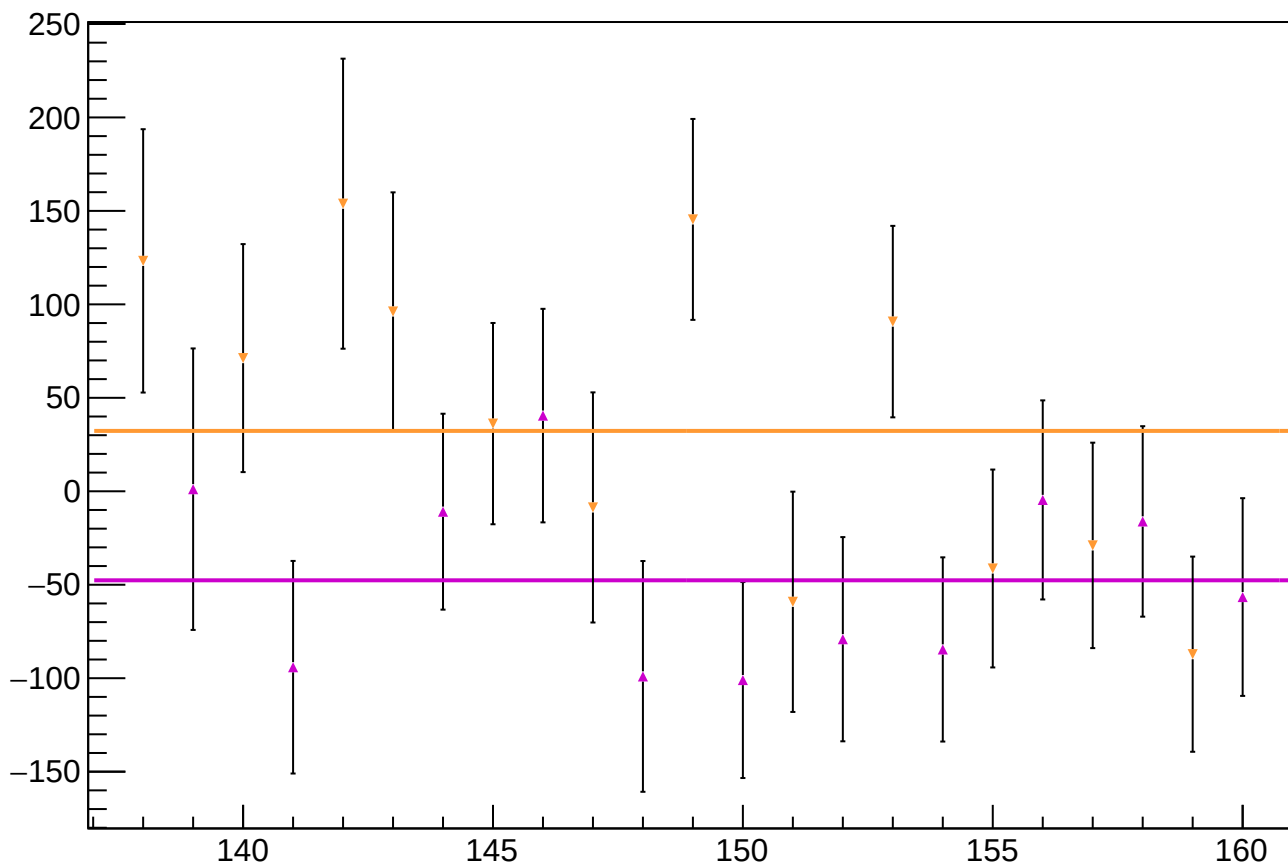
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 849.334+/-0.204 χ^2/NDF : 523739.3/10

864.098+/-0.208 χ^2/NDF : 602162.0/11

849.334+/-0.204 χ^2/NDF : 523739.3/10

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 32.302+/-16.756 χ^2/NDF : 22.5/11

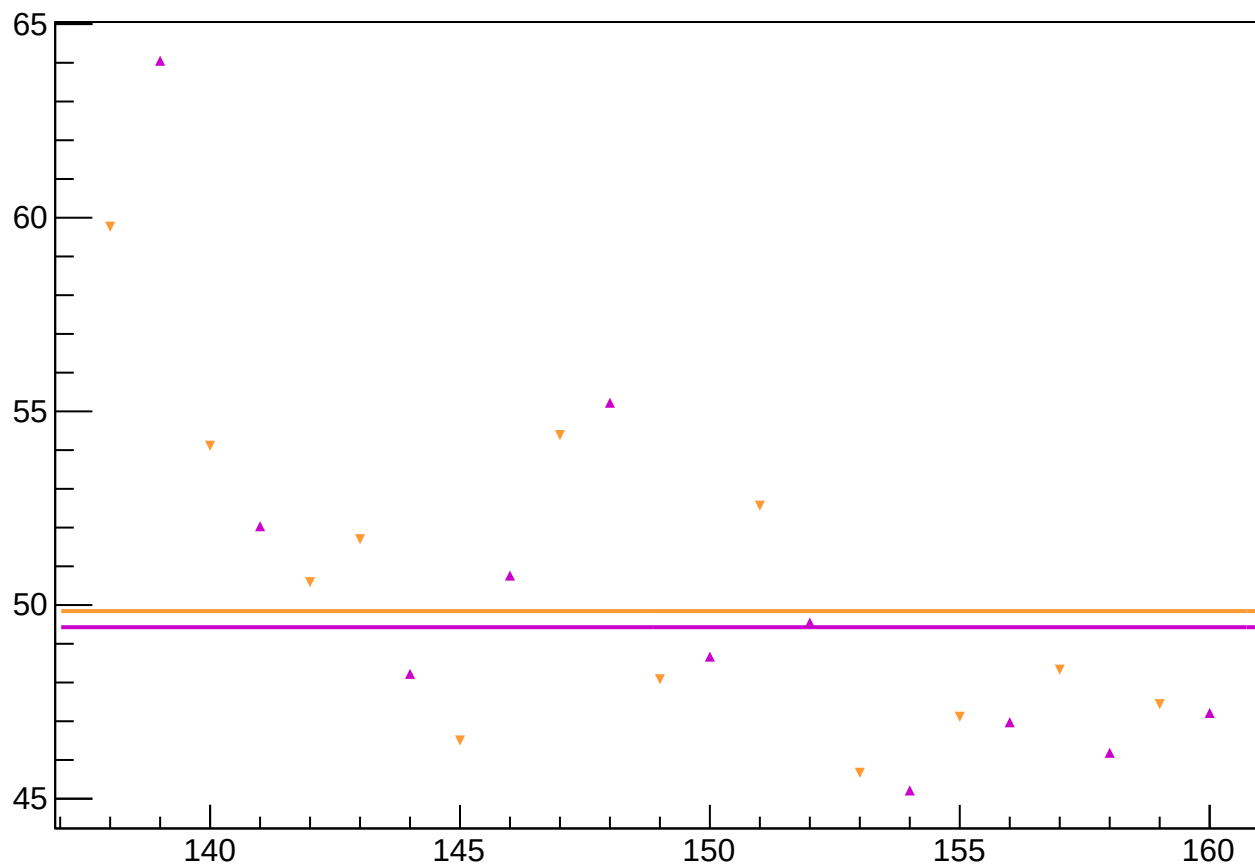
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.627+/-16.609 χ^2/NDF : 7.6/10

32.302+/-16.756 χ^2/NDF : 22.5/11

-47.627+/-16.609 χ^2/NDF : 7.6/10

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 49.844+/-0.012 χ^2/NDF :100726.3/11

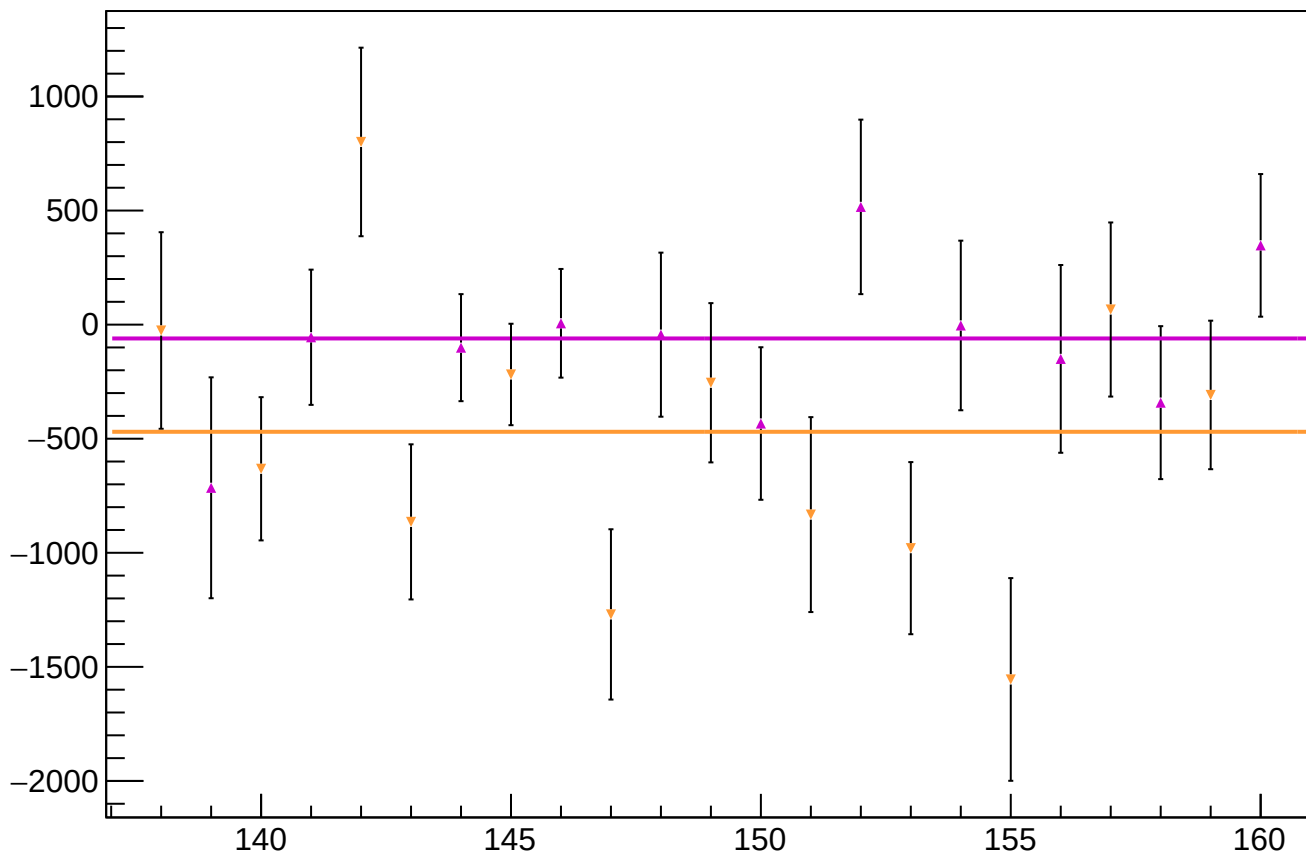
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 49.428+/-0.012 χ^2/NDF :130350.2/10

49.844+/-0.012 χ^2/NDF : 100726.3/11

49.428+/-0.012 χ^2/NDF : 130350.2/10

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -469.650+/-100.223 χ^2/NDF : 29.1/11

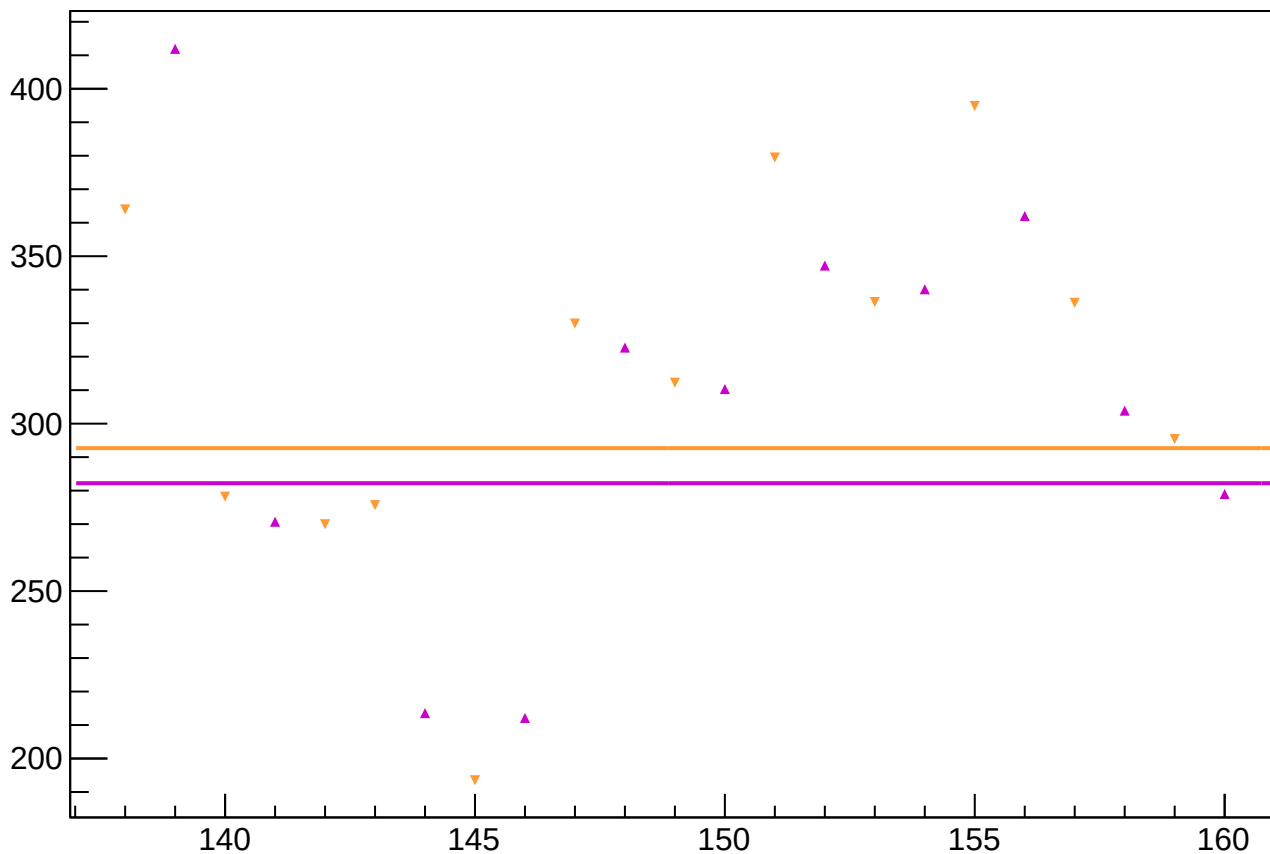
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.612+/-96.559 χ^2/NDF : 7.9/10

-469.650+/-100.223 χ^2/NDF : 29.1/11

-60.612+/-96.559 χ^2/NDF : 7.9/10

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 292.687+/-0.071 χ^2/NDF : 735392.1/11

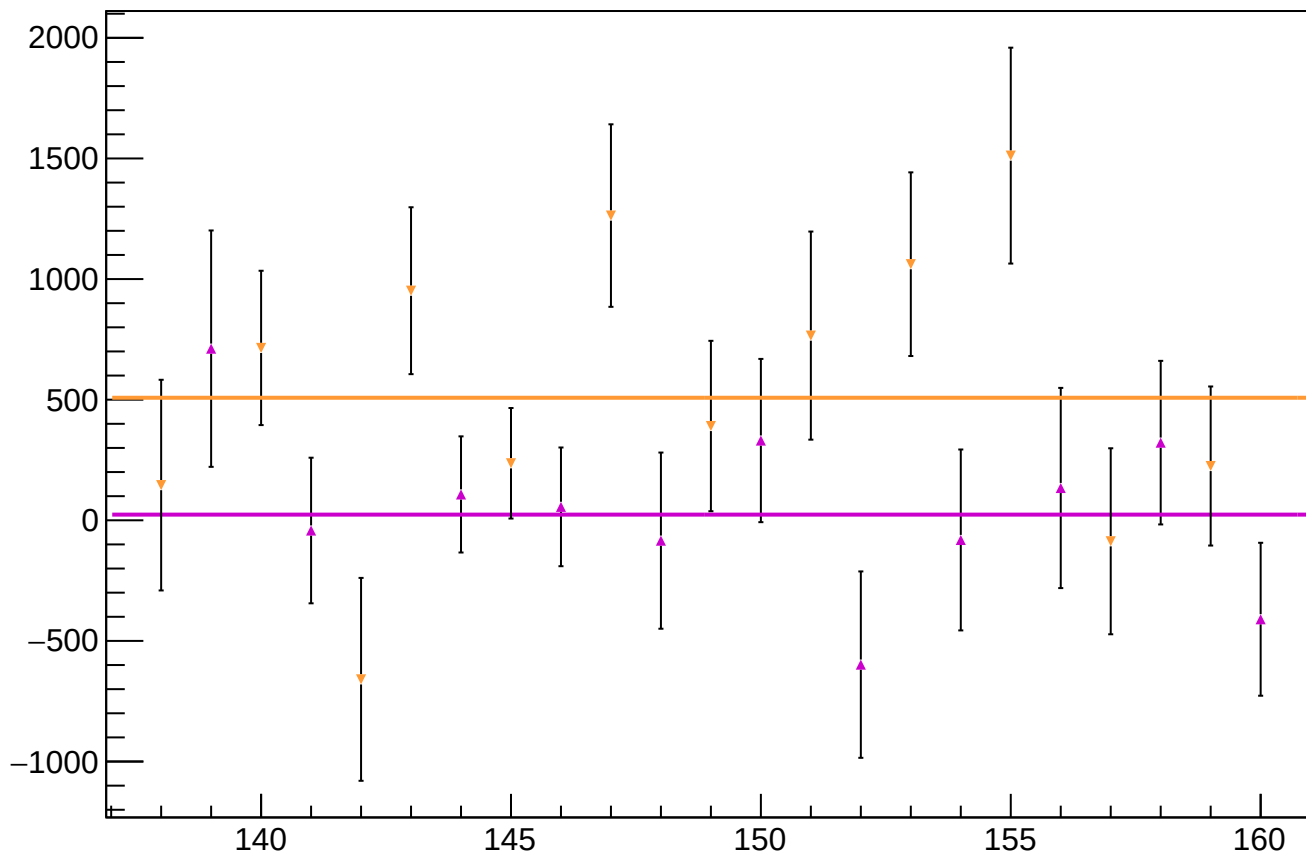
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 282.211+/-0.068 χ^2/NDF : 720760.8/10

292.687+/-0.071 χ^2/NDF : 735392.1/11

282.211+/-0.068 χ^2/NDF : 720760.8/10

asym_sam_1526_avg_mean vs Slug



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

Left Out: 508.015+/-101.912 χ^2/NDF : 26.6/11

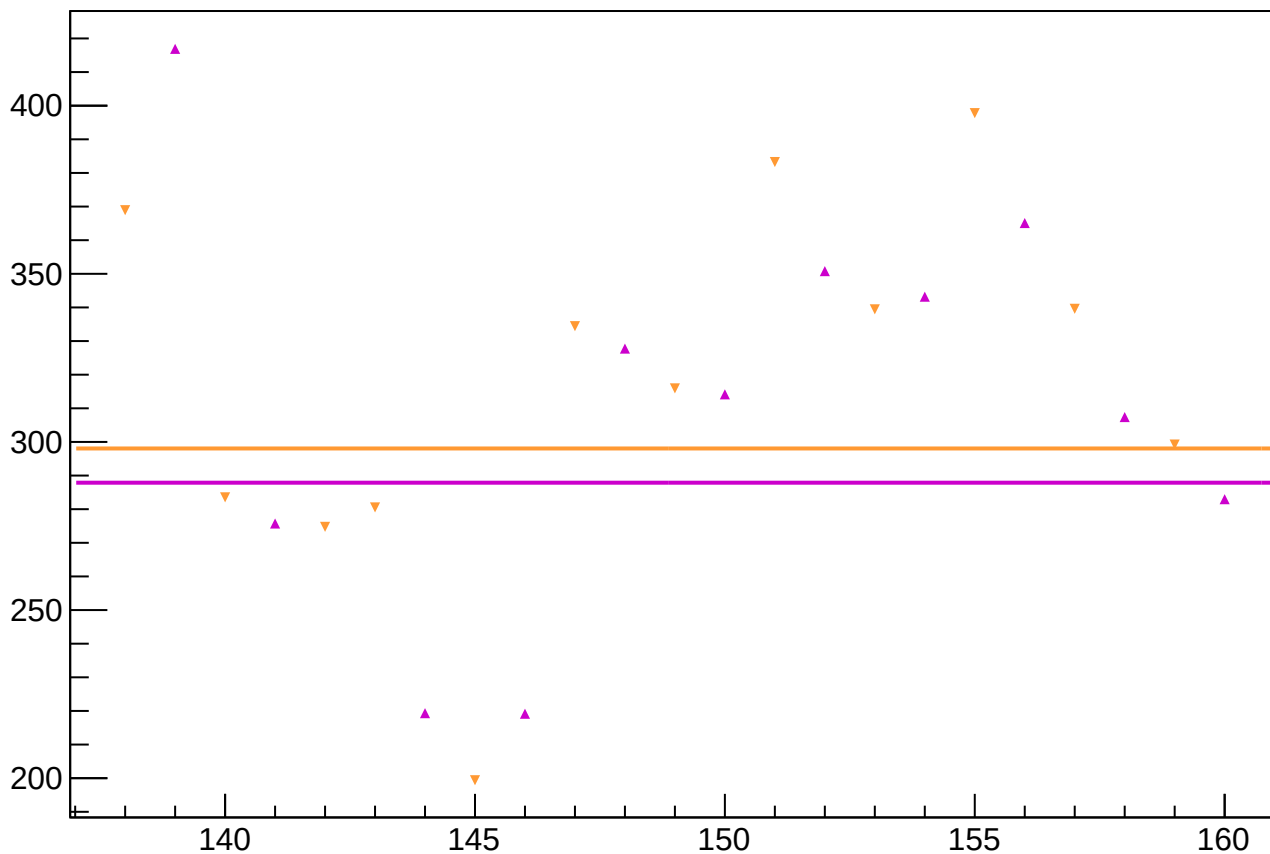
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.537+/-98.336 χ^2/NDF : 8.5/10

508.015+/-101.912 χ^2/NDF : 26.6/11

23.537+/-98.336 χ^2/NDF : 8.5/10

asym_sam_1526_avg_rms vs Slug



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

Left Out: 298.057+/-0.072 χ^2/NDF : 686917.1/11

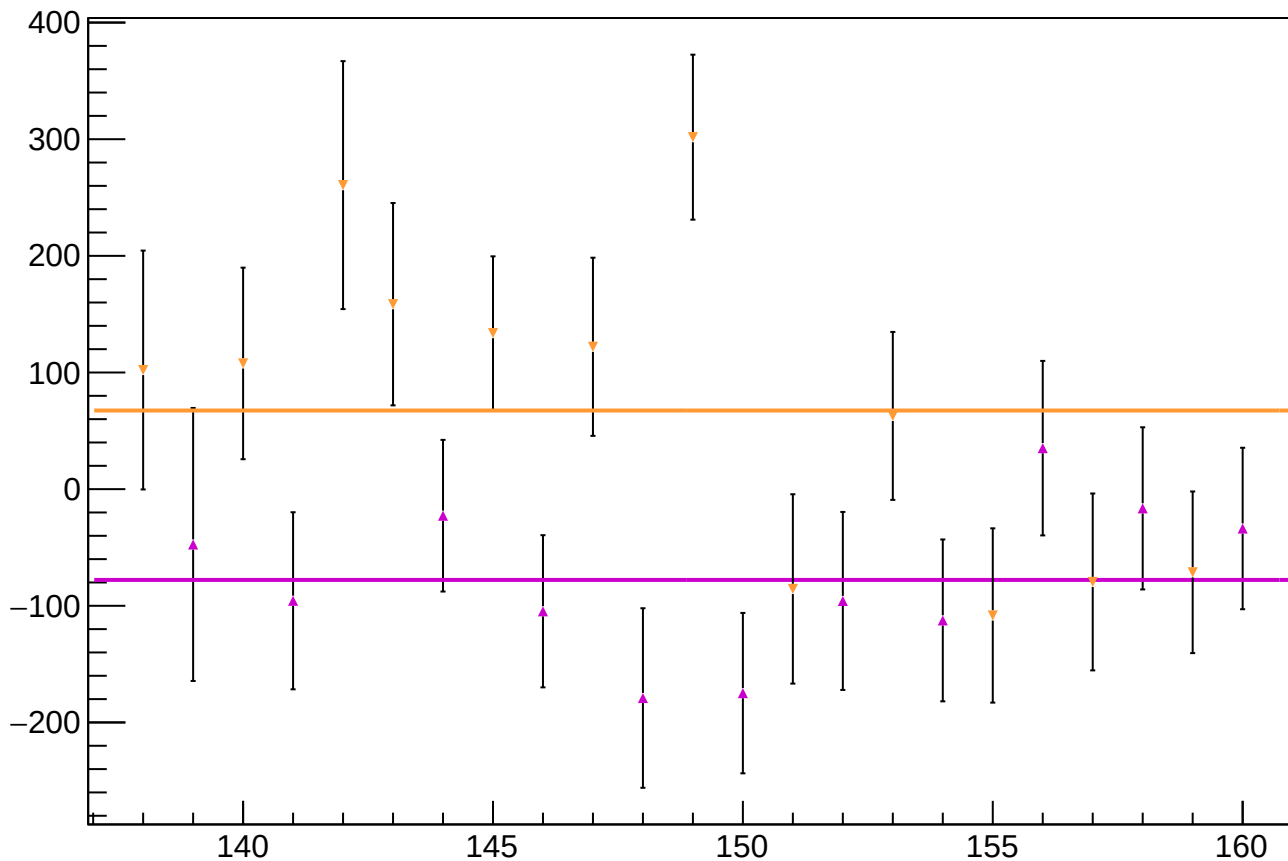
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 287.877+/-0.070 χ^2/NDF : 668902.4/10

298.057+/-0.072 χ^2/NDF : 686917.1/11

287.877+/-0.070 χ^2/NDF : 668902.4/10

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 67.410+/-22.510 χ^2/NDF : 34.1/11

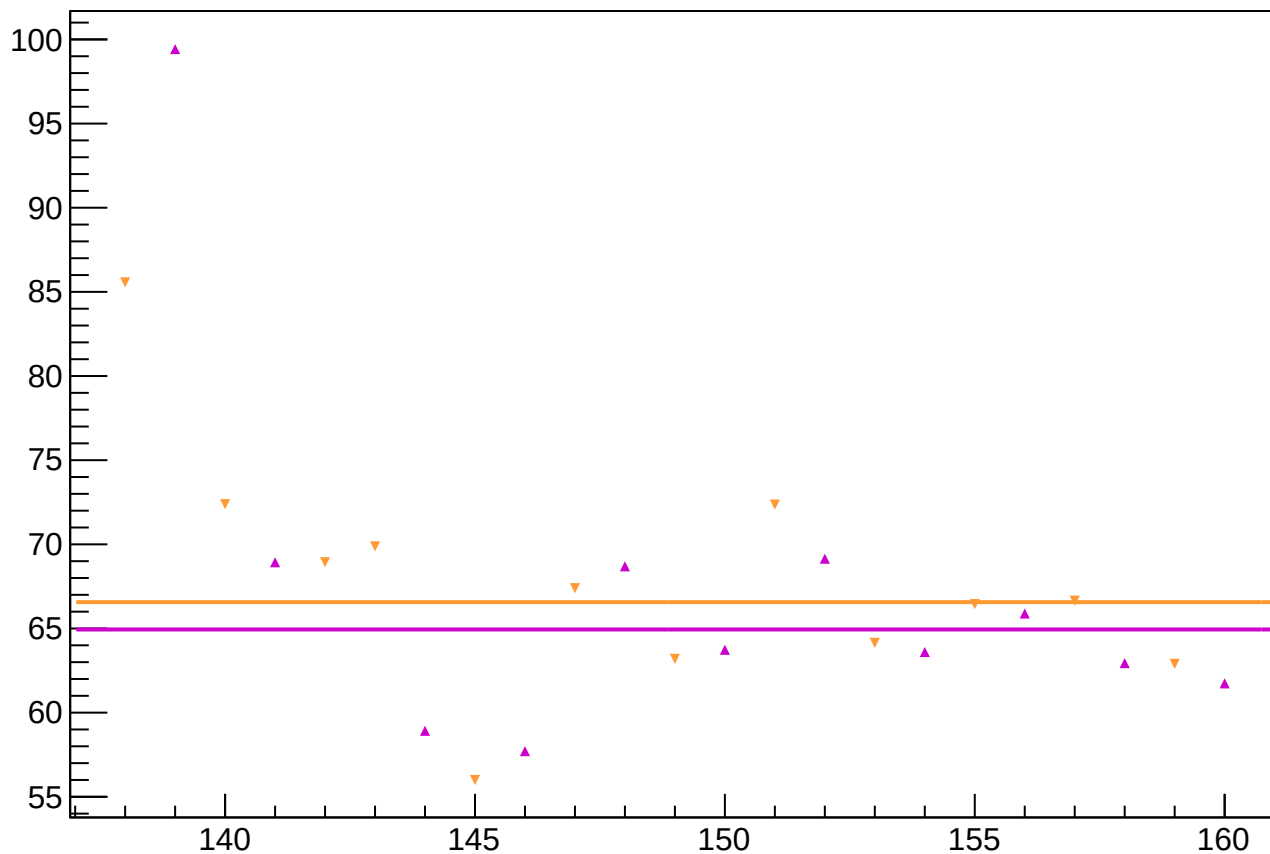
67.410+/-22.510 χ^2/NDF : 34.1/11

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

-77.818+/-21.966 χ^2/NDF : 8.5/10

Left In: -77.818+/-21.966 χ^2/NDF : 8.5/10

reg_asym_sam_3726_avg_rms vs Slug



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

Left Out: 66.566+/-0.016 χ^2/NDF :157263.0/11

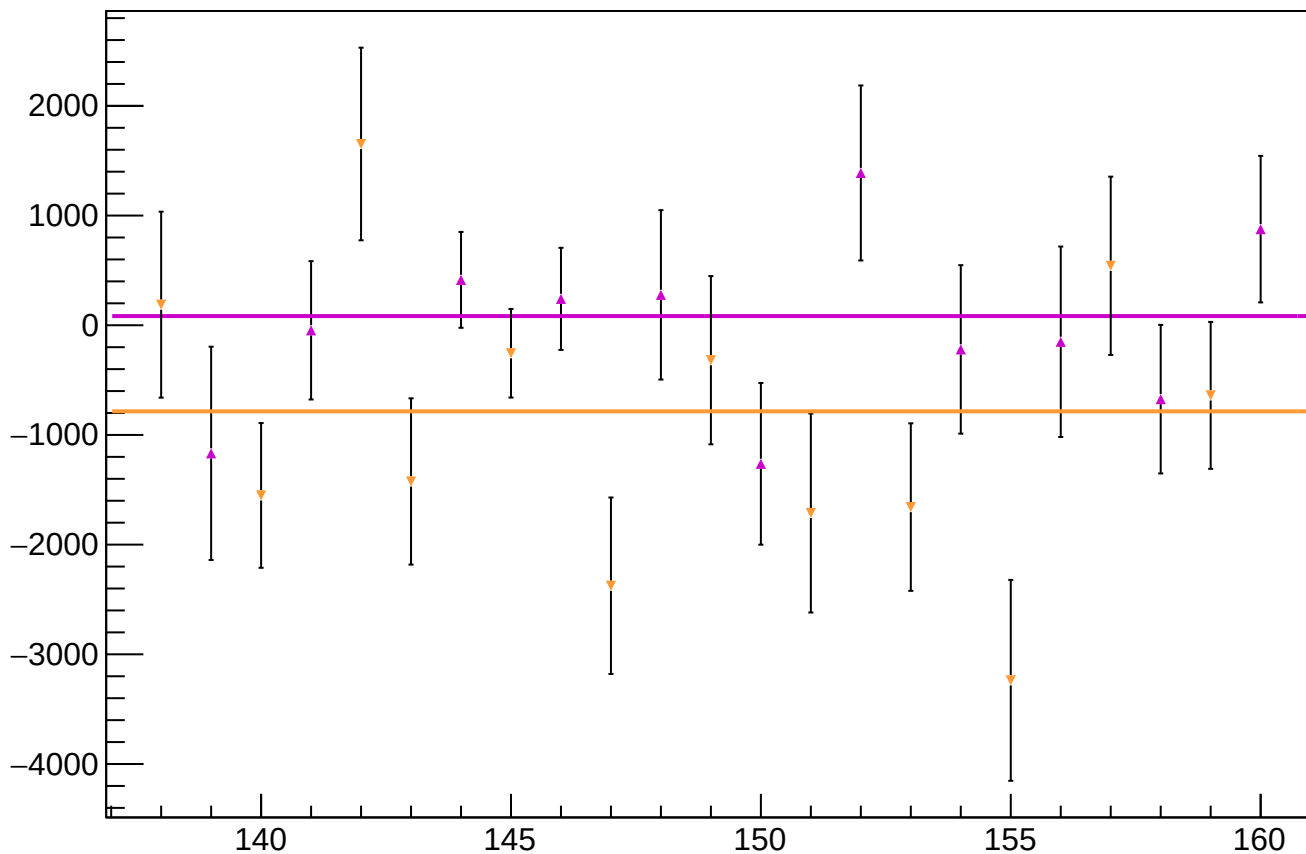
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 64.941+/-0.016 χ^2/NDF :239381.1/10

66.566+/-0.016 χ^2/NDF : 157263.0/11

64.941+/-0.016 χ^2/NDF : 239381.1/10

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -784.616 $\pm$ 204.306 χ^2 /NDF:29.3/11

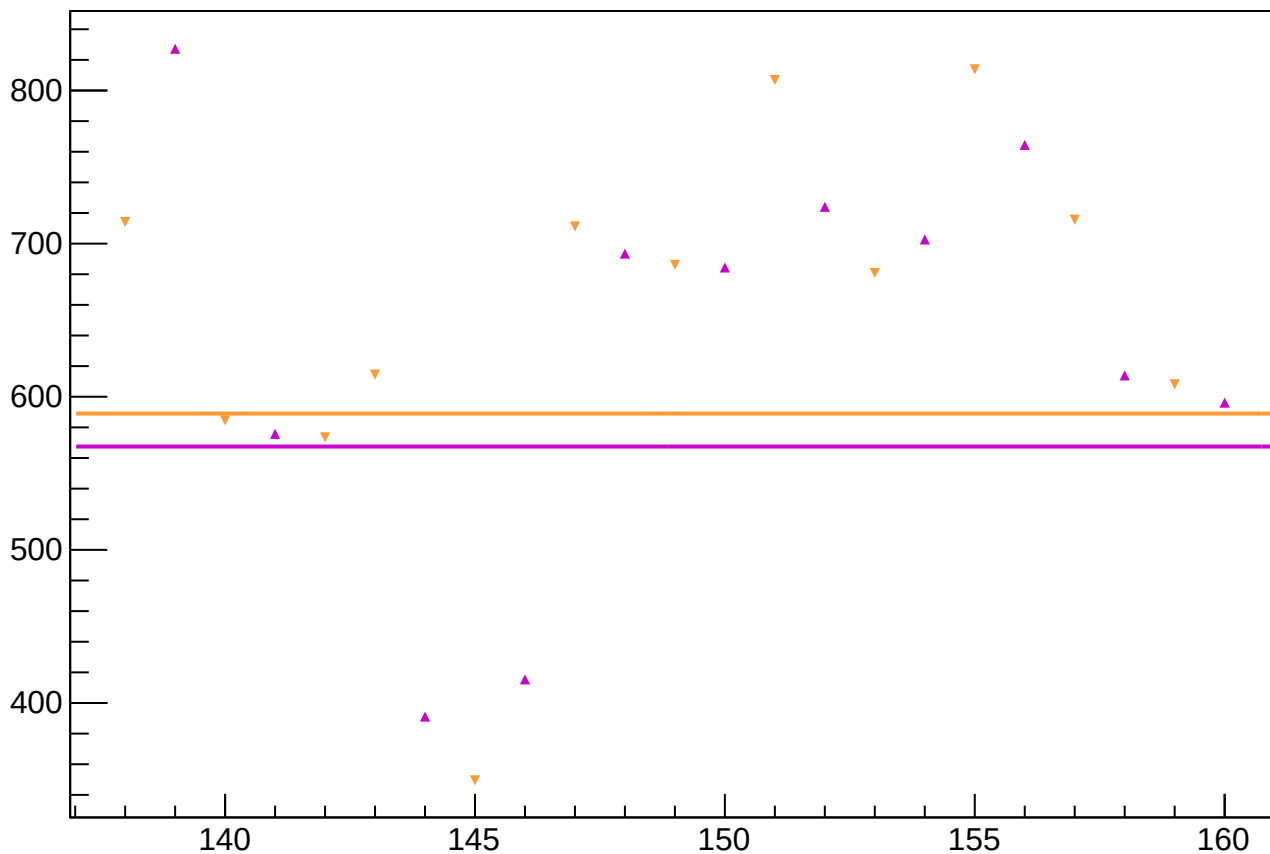
-784.616 $\pm$ 204.306 χ^2 /NDF: 29.3/11

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

83.513 $\pm$ 196.280 χ^2 /NDF: 11.3/10

Left In: 83.513 $\pm$ 196.280 χ^2 /NDF:11.3/10

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 589.019+/-0.144 χ^2/NDF :1142107.2/11

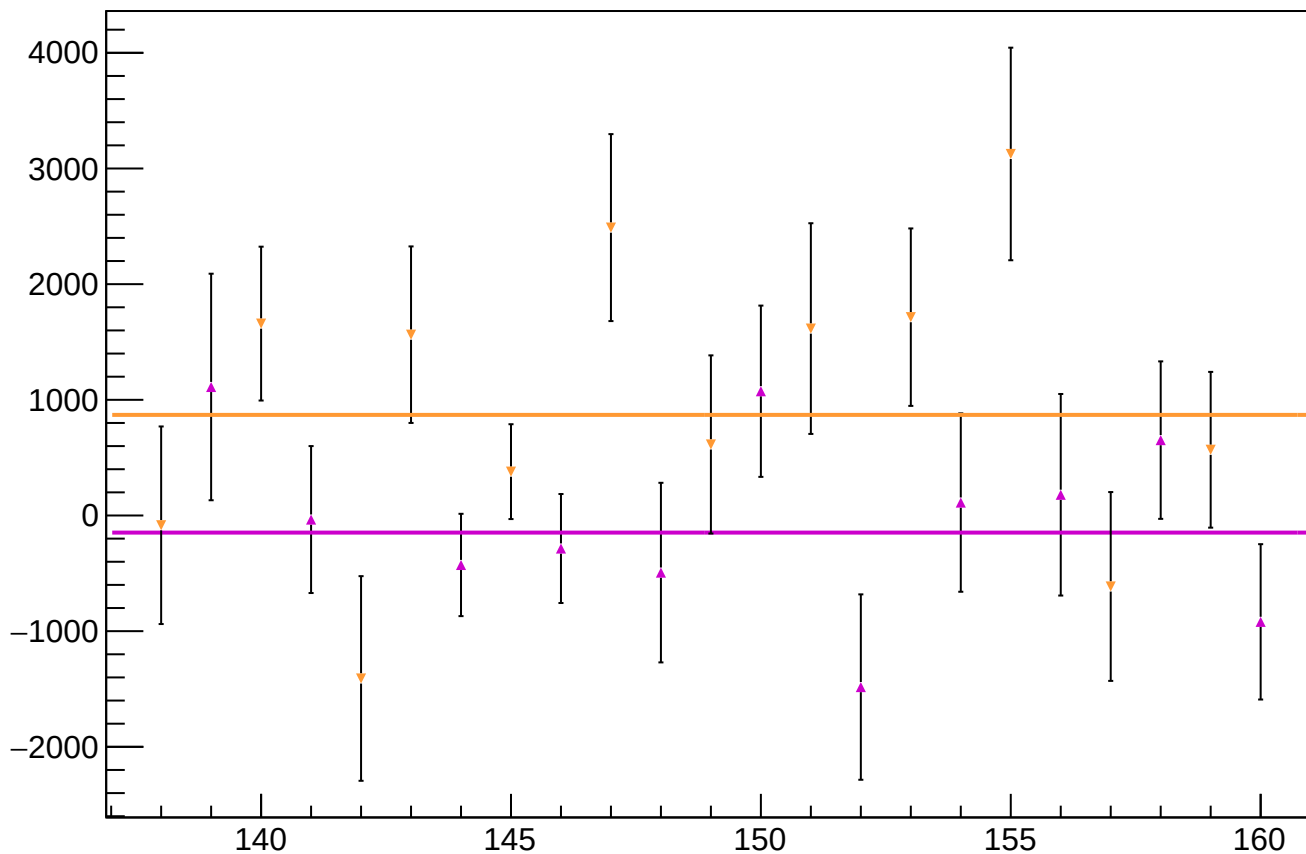
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 567.474+/-0.139 χ^2/NDF :1040855.0/10

589.019+/-0.144 χ^2/NDF : 1142107.2/11

567.474+/-0.139 χ^2/NDF : 1040855.0/10

asym_sam_3726_avg_mean vs Slug



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

Left Out: 869.766+/-205.901 χ^2/NDF : 27.1/11

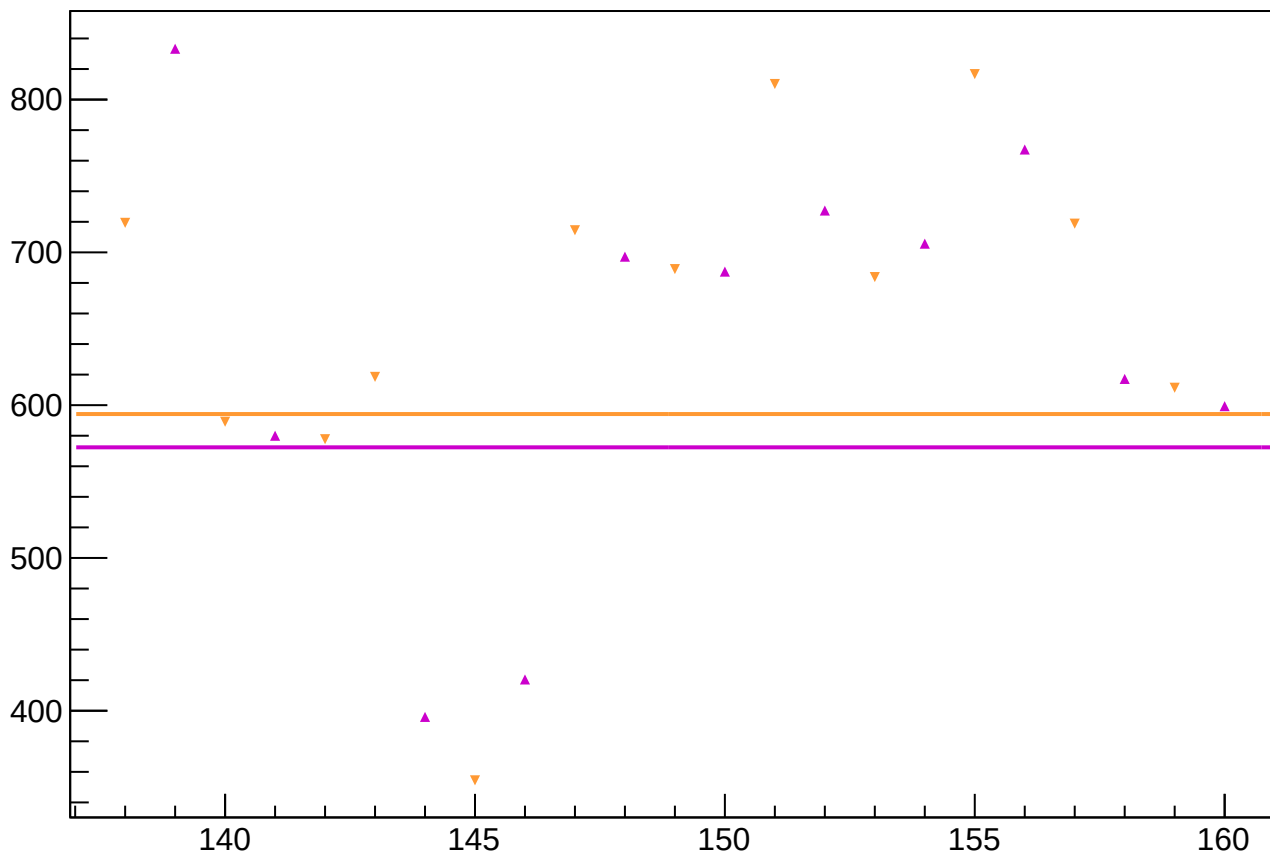
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -147.879+/-197.824 χ^2/NDF : 10.8/10

869.766+/-205.901 χ^2/NDF : 27.1/11

-147.879+/-197.824 χ^2/NDF : 10.8/10

asym_sam_3726_avg_rms vs Slug



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

Left Out: 594.189+/-0.146 χ^2/NDF :1109100.5/11

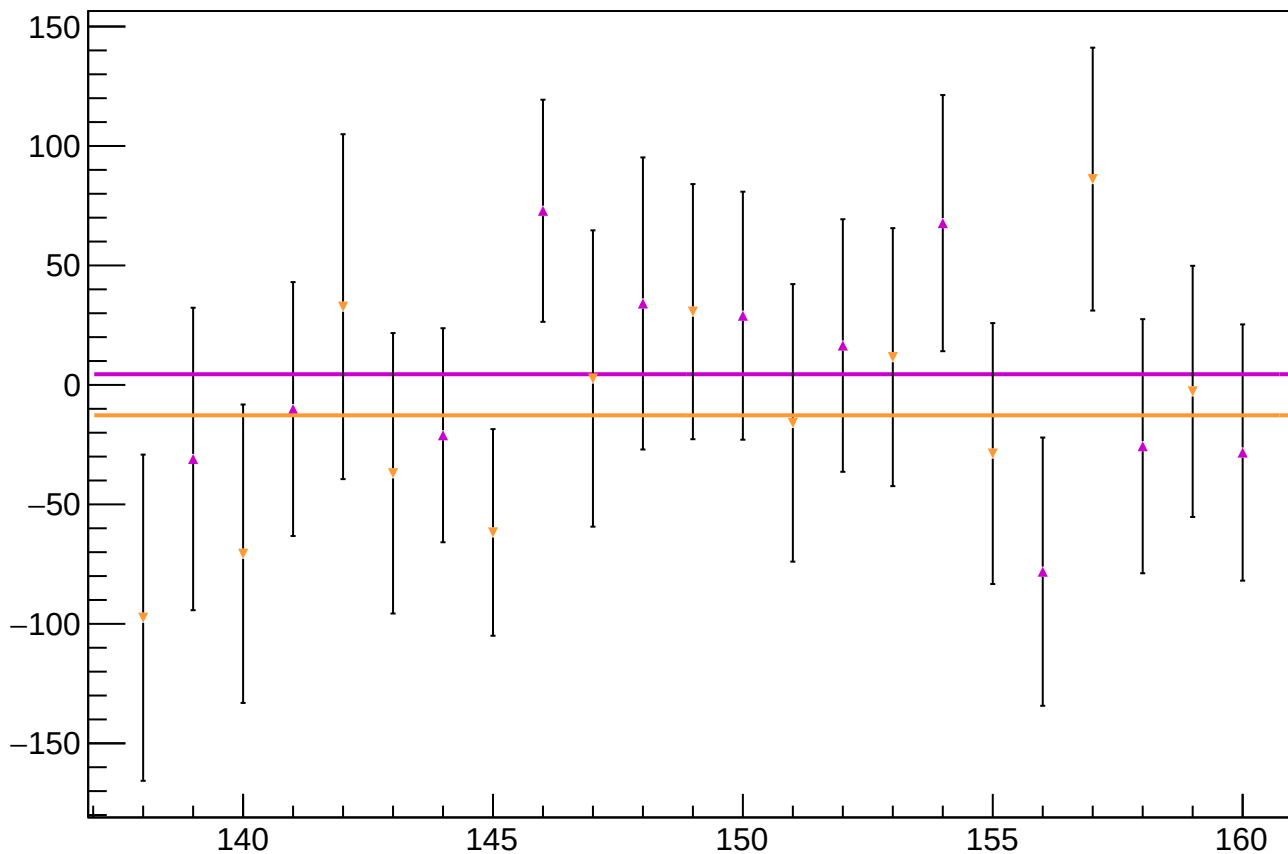
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 572.402+/-0.140 χ^2/NDF :1014880.4/10

594.189+/-0.146 χ^2/NDF : 1109100.5/11

572.402+/-0.140 χ^2/NDF : 1014880.4/10

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -12.722 ± 16.294 χ^2/NDF : 8.5/11

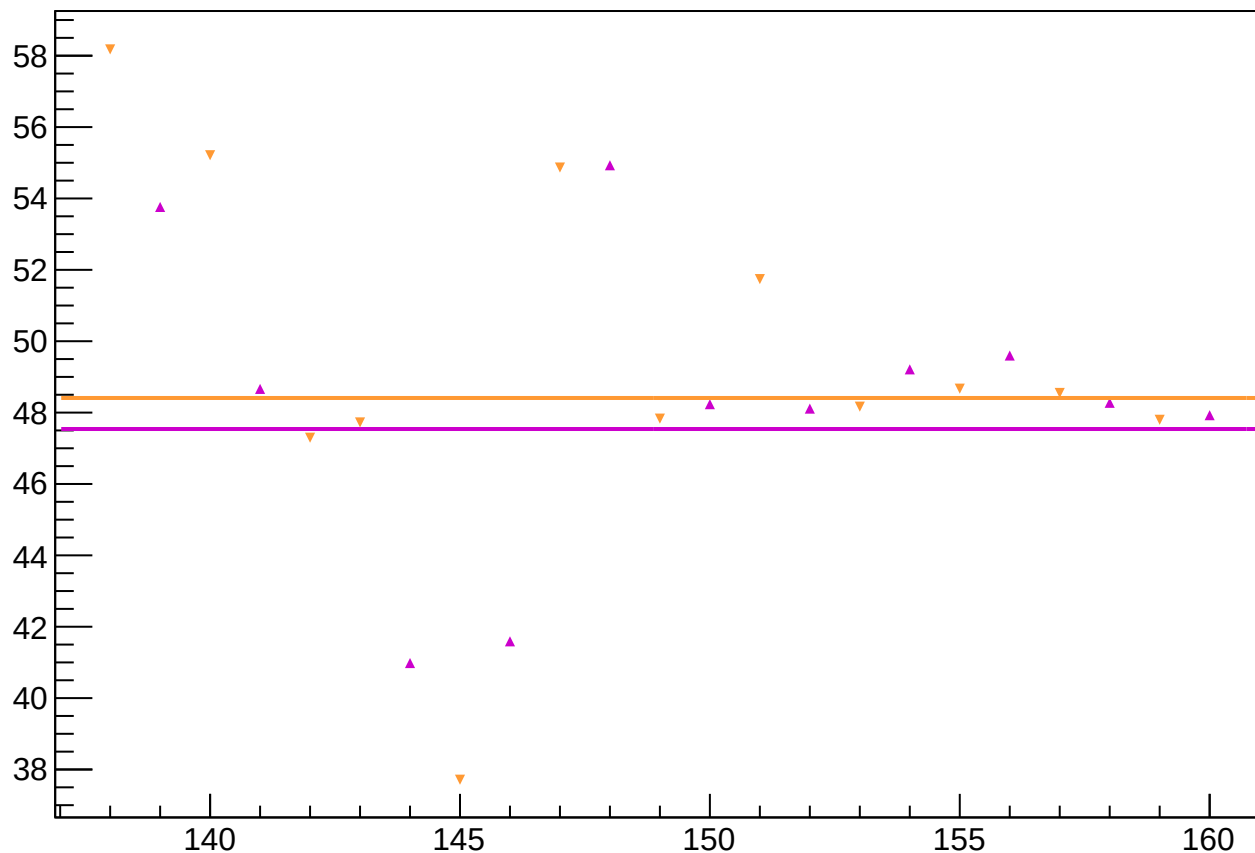
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 4.471 ± 15.954 χ^2/NDF : 7.6/10

-12.722 ± 16.294 χ^2/NDF : 8.5/11

4.471 ± 15.954 χ^2/NDF : 7.6/10

reg_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 48.410+/-0.012 χ^2/NDF : 216663.6/11

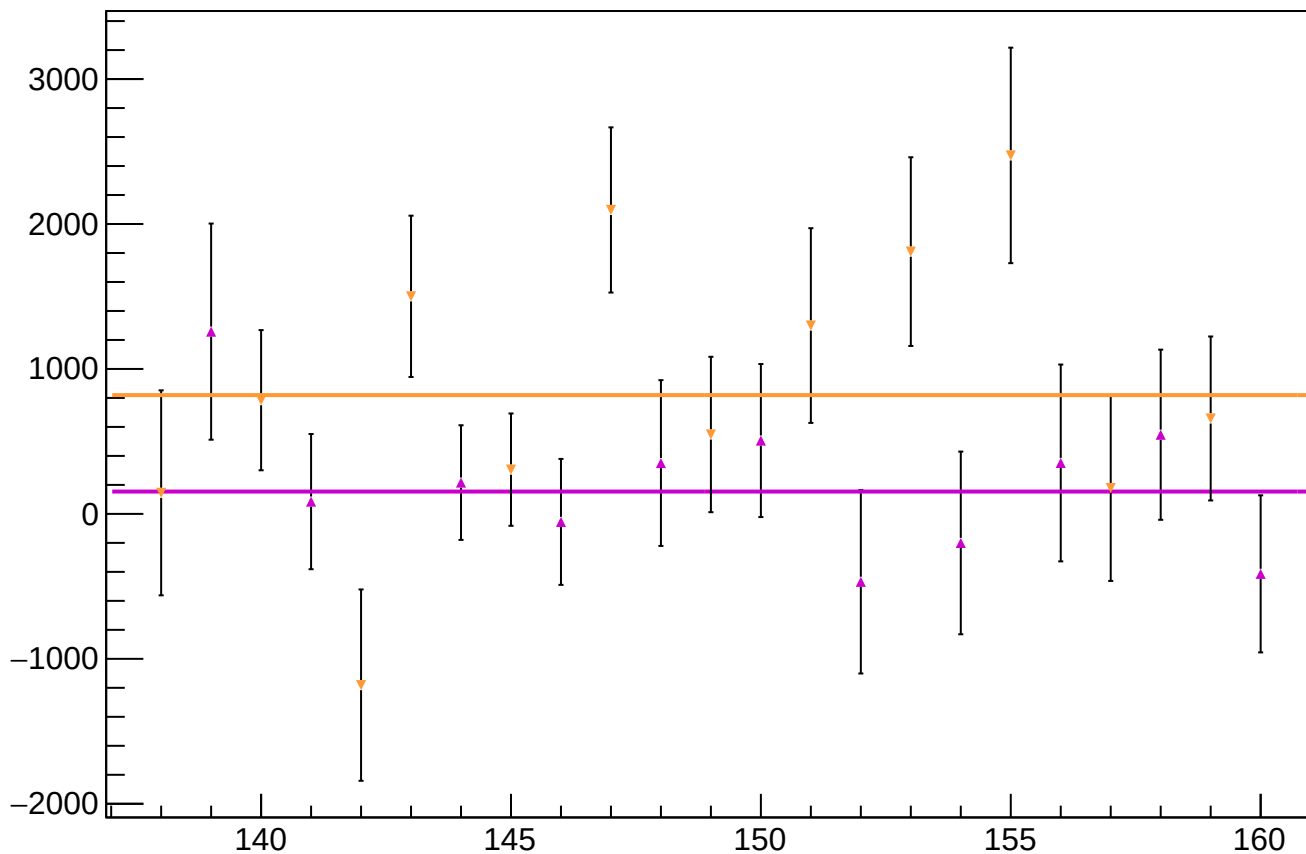
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.540+/-0.011 χ^2/NDF : 130805.5/10

48.410+/-0.012 χ^2/NDF : 216663.6/11

47.540+/-0.011 χ^2/NDF : 130805.5/10

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 819.623+/-164.471 χ^2/NDF : 27.5/11

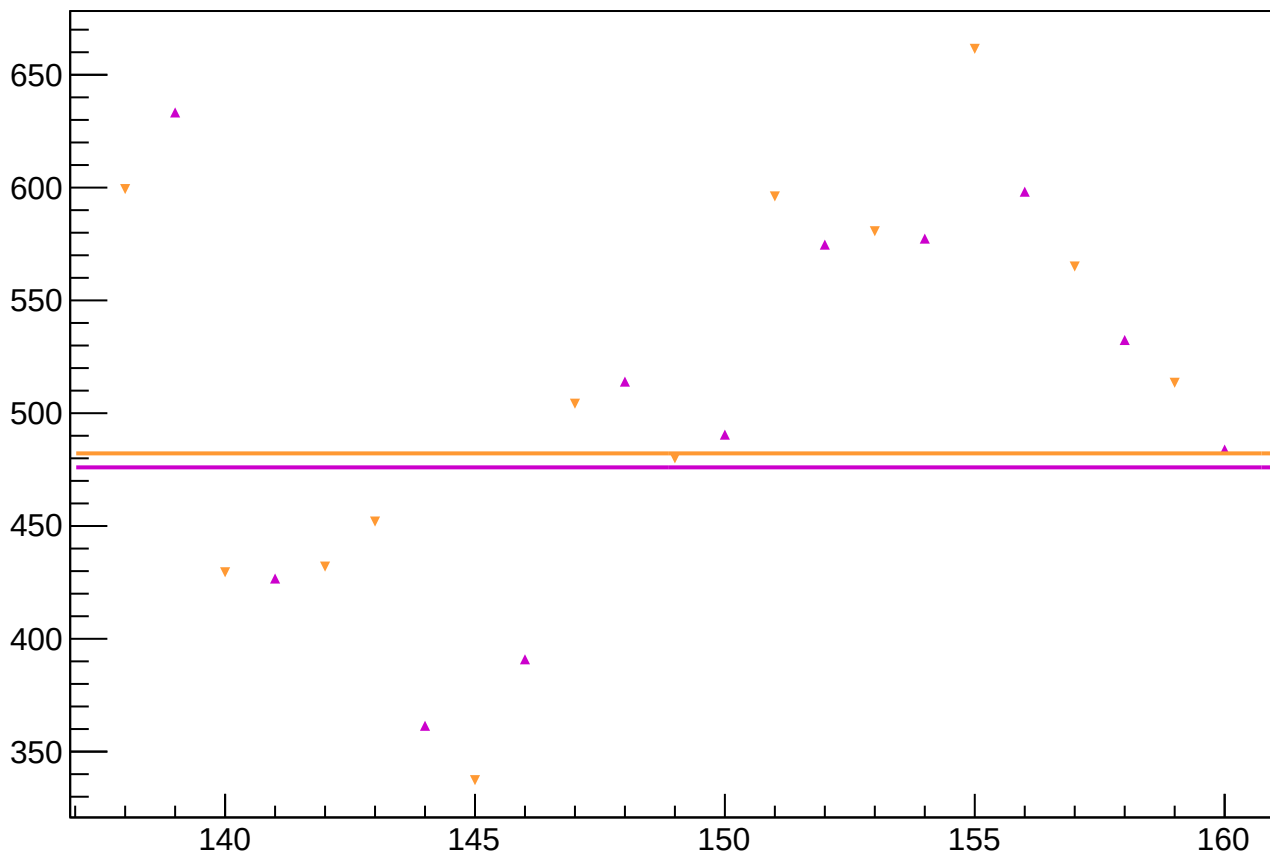
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 154.096+/-161.738 χ^2/NDF : 5.9/10

819.623+/-164.471 χ^2/NDF : 27.5/11

154.096+/-161.738 χ^2/NDF : 5.9/10

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 482.188+/-0.116 χ^2/NDF : 637827.4/11

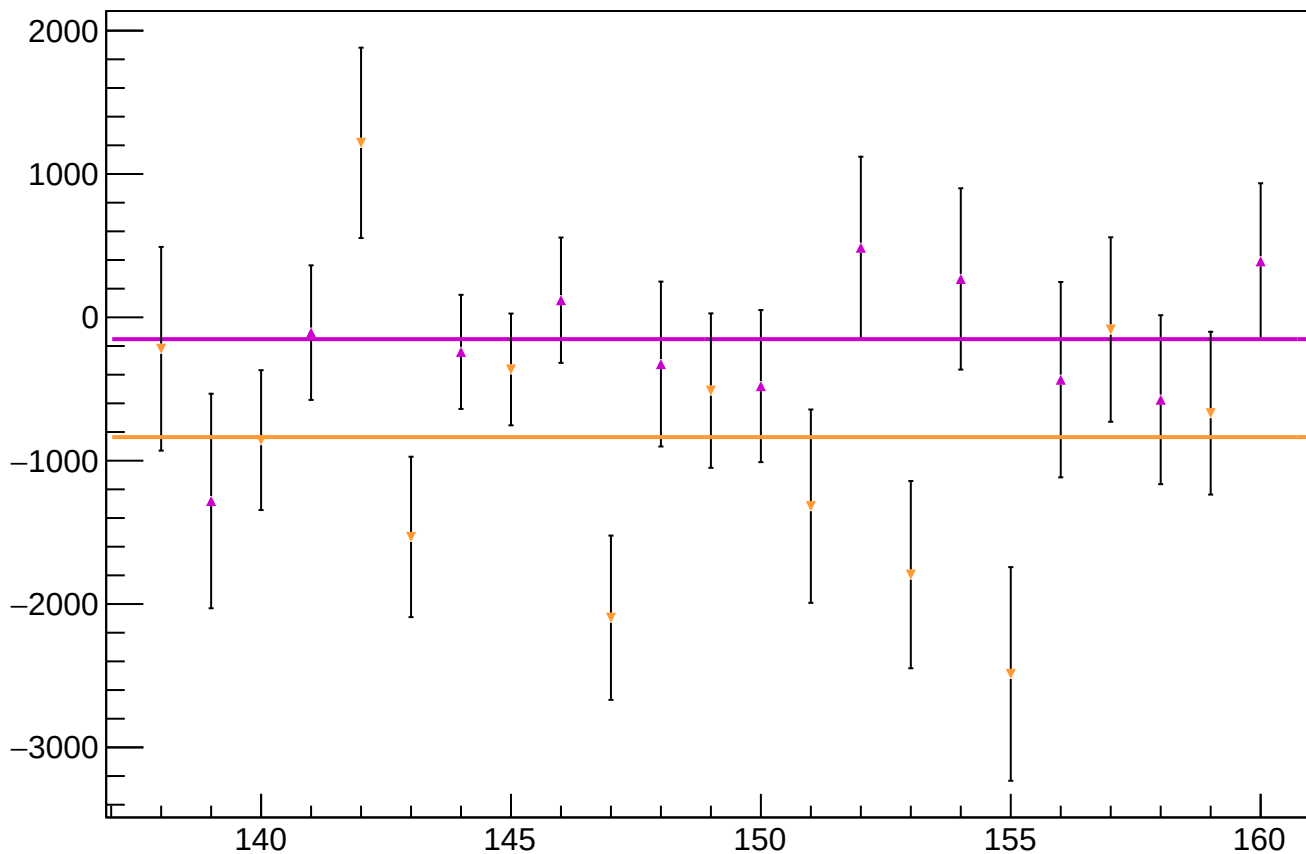
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.990+/-0.114 χ^2/NDF : 550346.8/10

482.188+/-0.116 χ^2/NDF : 637827.4/11

475.990+/-0.114 χ^2/NDF : 550346.8/10

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -835.561+/-165.366 χ^2/NDF : 27.5/11

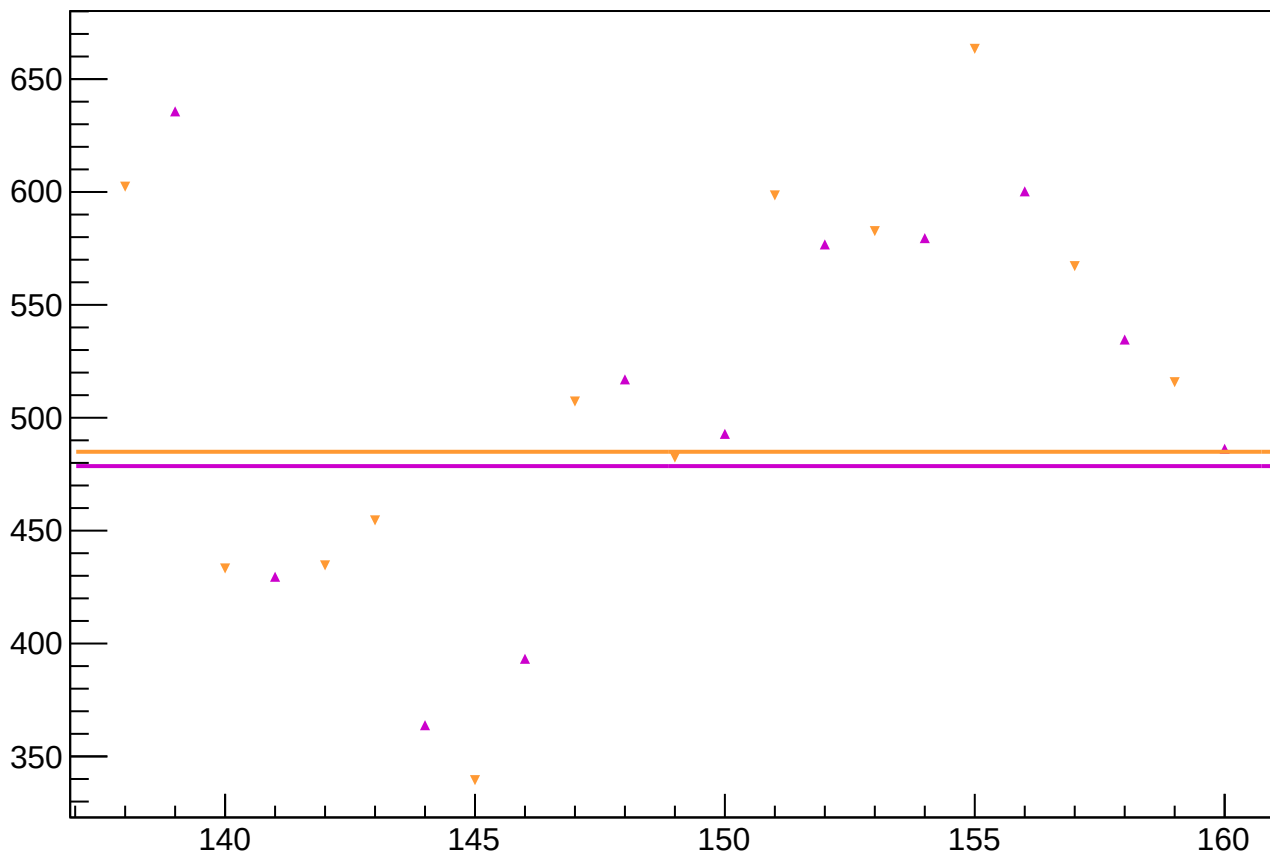
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -152.051+/-162.586 χ^2/NDF : 6.3/10

-835.561+/-165.366 χ^2/NDF : 27.5/11

-152.051+/-162.586 χ^2/NDF : 6.3/10

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 484.935+/-0.117 χ^2/NDF : 630477.8/11

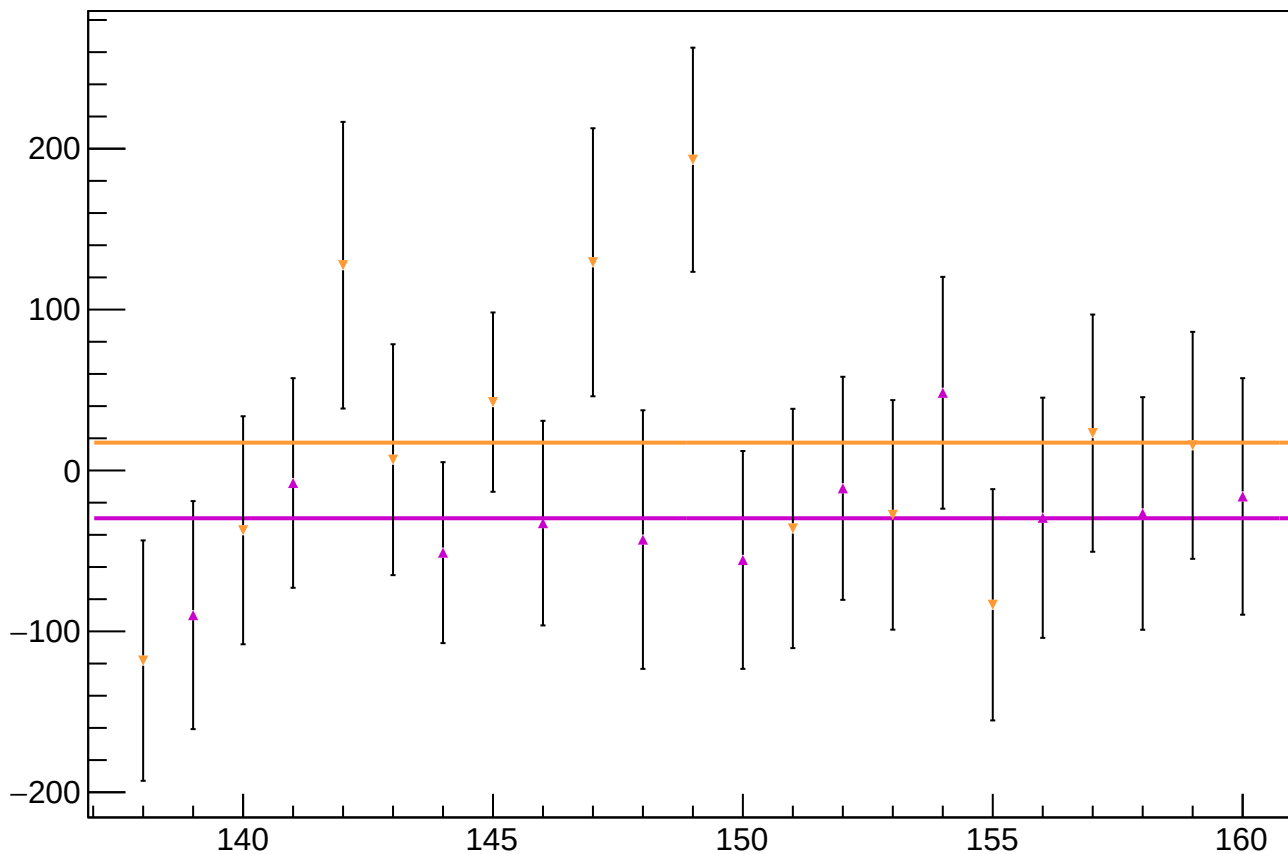
484.935+/-0.117 χ^2/NDF : 630477.8/11

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

478.586+/-0.115 χ^2/NDF : 543876.3/10

Left In: 478.586+/-0.115 χ^2/NDF : 543876.3/10

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 17.299+/-20.731 χ^2/NDF : 16.7/11

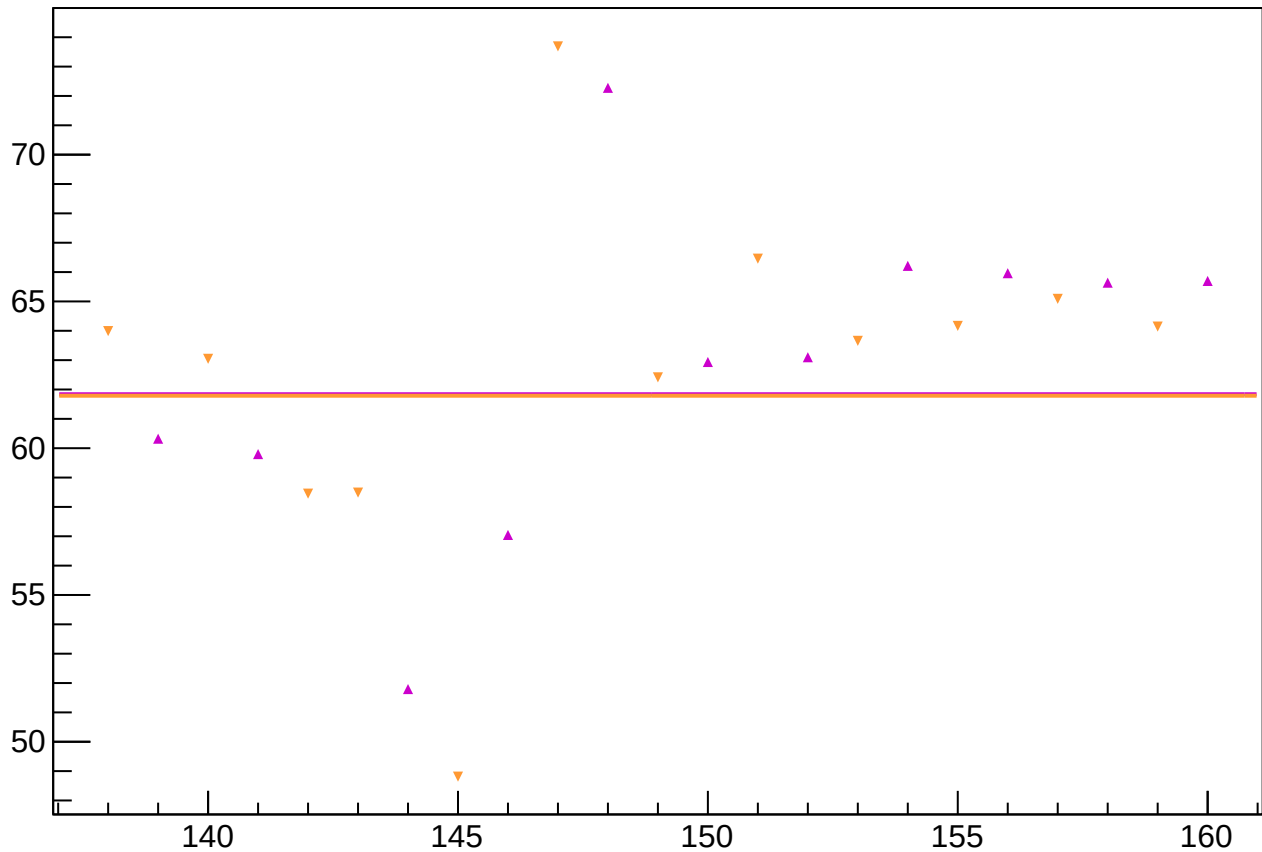
17.299+/-20.731 χ^2/NDF : 16.7/11

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

-29.701+/-20.725 χ^2/NDF : 2.4/10

Left In: -29.701+/-20.725 χ^2/NDF : 2.4/10

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 61.788+/-0.015 χ^2/NDF : 176518.4/11

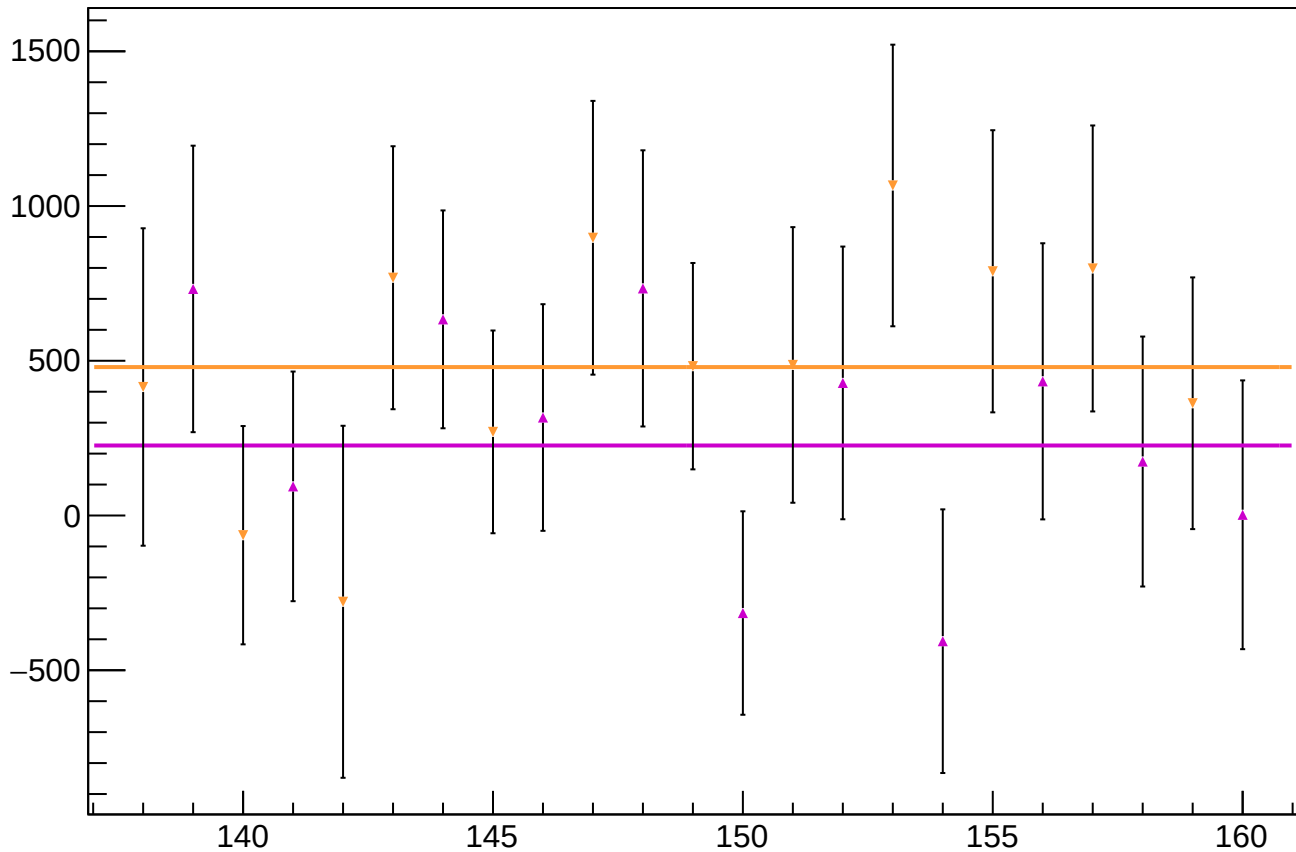
61.788+/-0.015 χ^2/NDF : 176518.4/11

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

61.838+/-0.015 χ^2/NDF : 137492.4/10

Left In: 61.838+/-0.015 χ^2/NDF : 137492.4/10

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 479.600 $\pm$ 120.118 χ^2 /NDF: 8.6/11

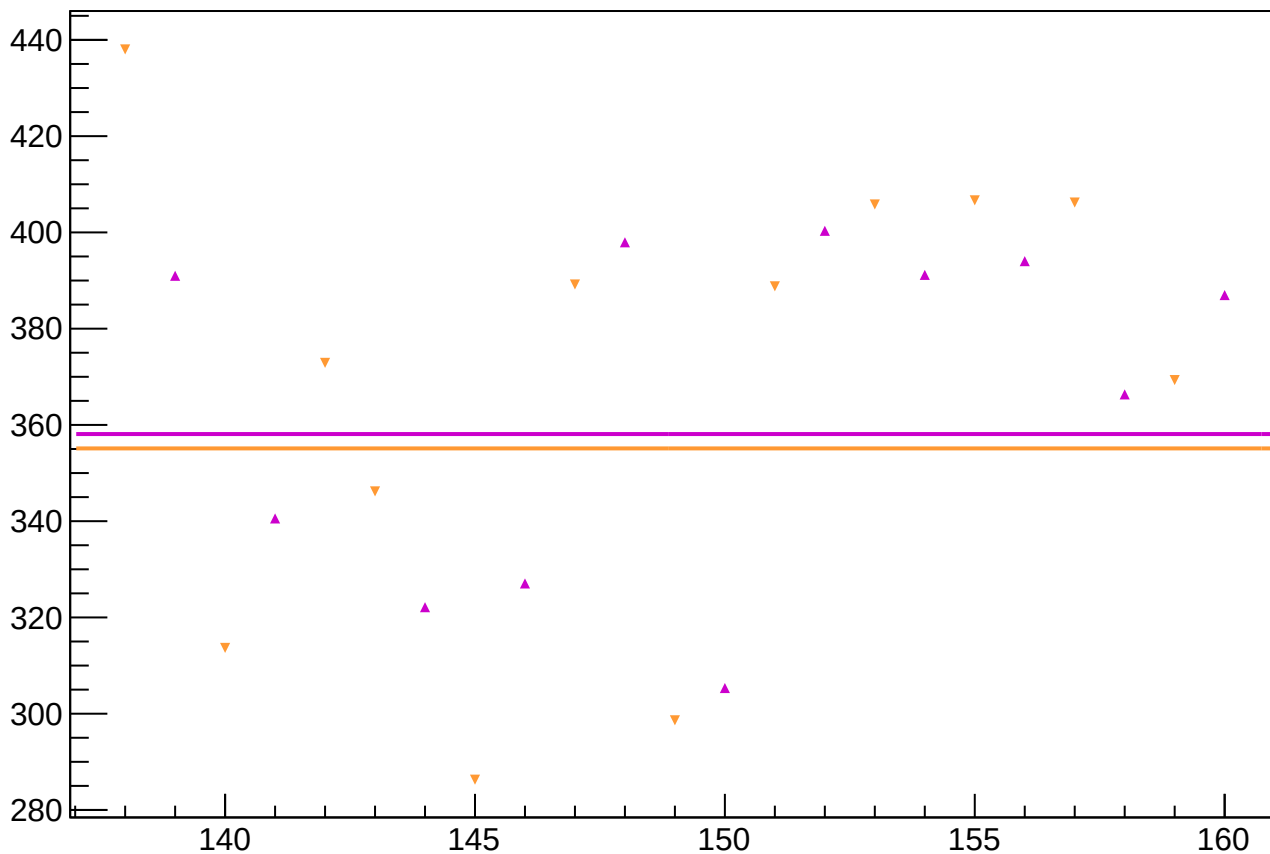
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 226.218 $\pm$ 120.510 χ^2 /NDF: 9.6/10

479.600 $\pm$ 120.118 χ^2 /NDF: 8.6/11

226.218 $\pm$ 120.510 χ^2 /NDF: 9.6/10

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 355.120+/-0.085 χ^2/NDF : 328985.2/11

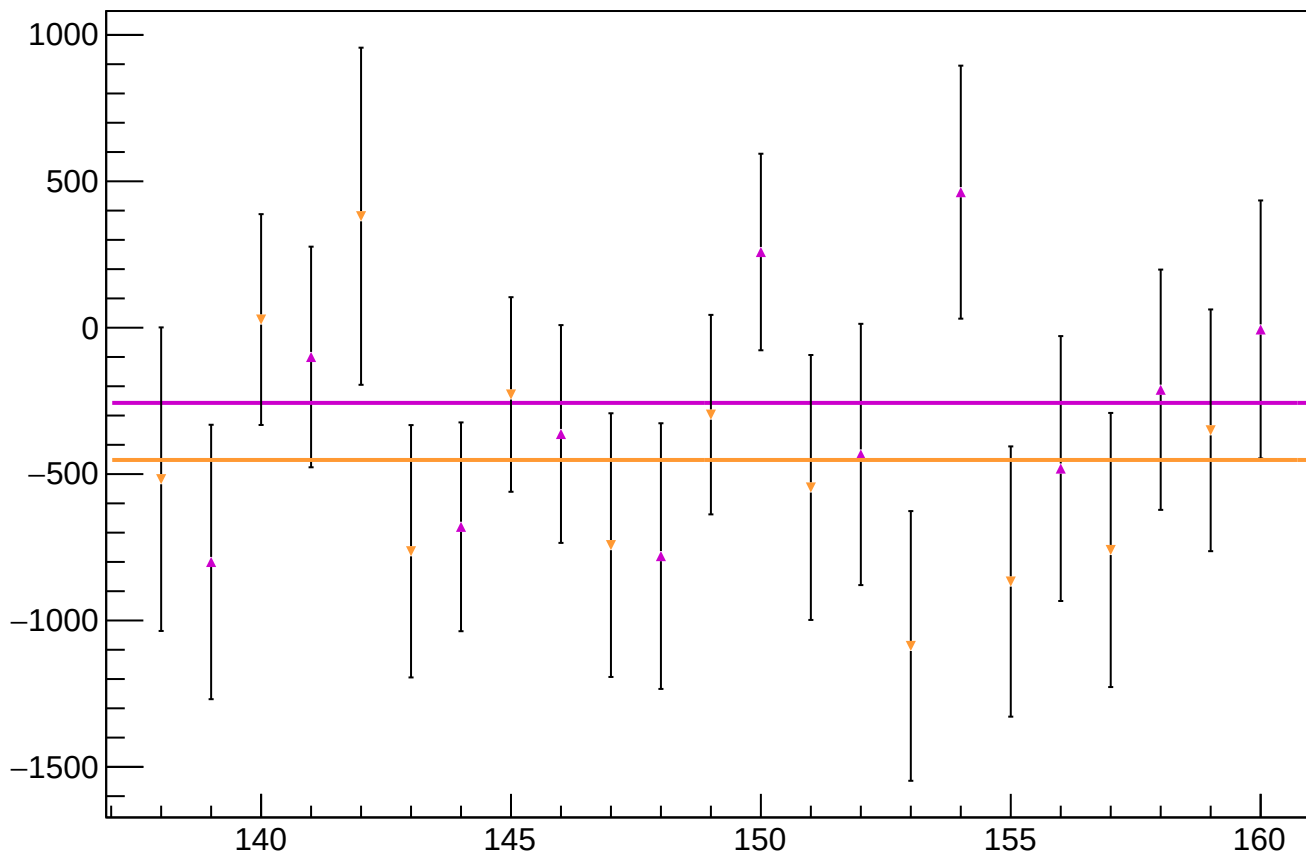
355.120+/-0.085 χ^2/NDF : 328985.2/11

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

358.104+/-0.085 χ^2/NDF : 170386.0/10

Left In: 358.104+/-0.085 χ^2/NDF : 170386.0/10

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -451.729+/-122.024 χ^2/NDF : 8.7/11

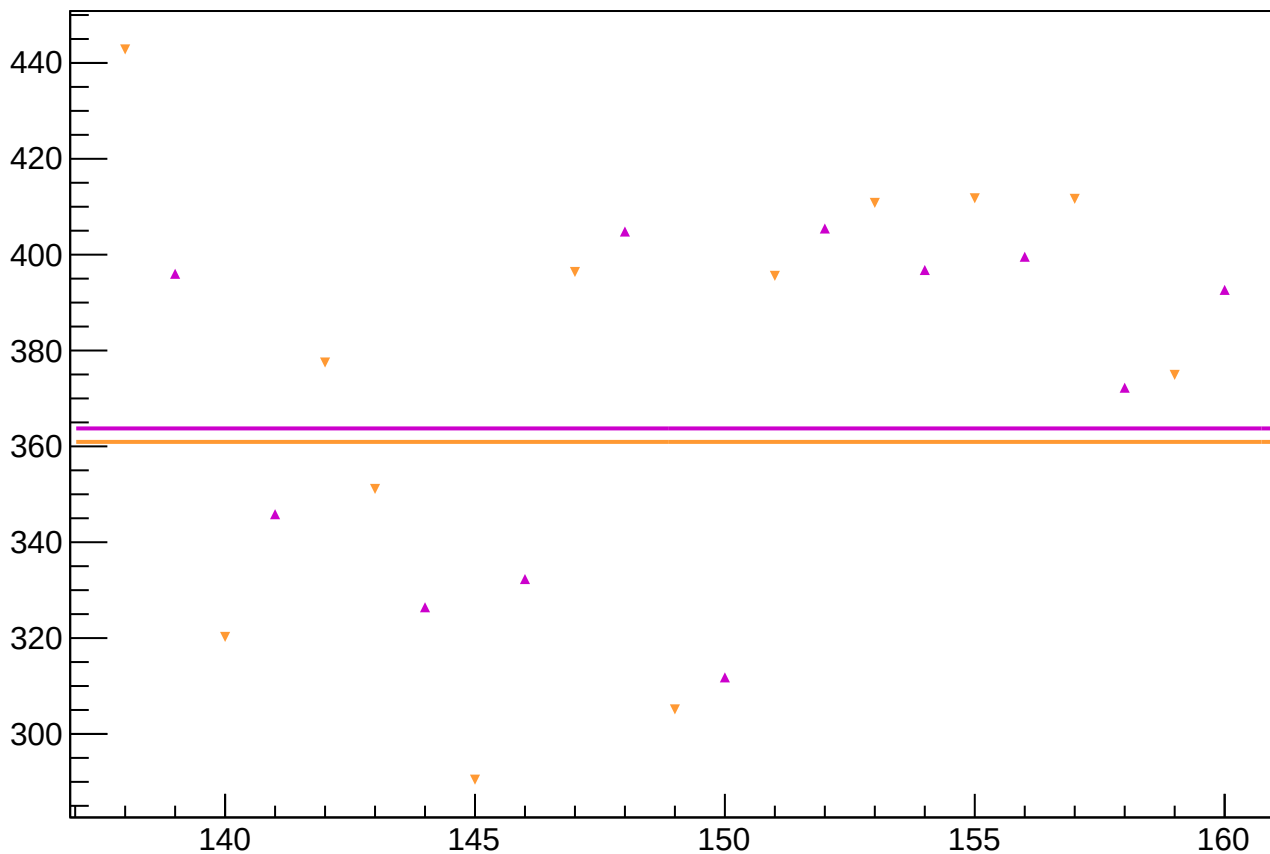
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.805+/-122.370 χ^2/NDF : 10.2/10

-451.729+/-122.024 χ^2/NDF : 8.7/11

-256.805+/-122.370 χ^2/NDF : 10.2/10

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 360.934+/-0.086 χ^2/NDF : 319334.4/11

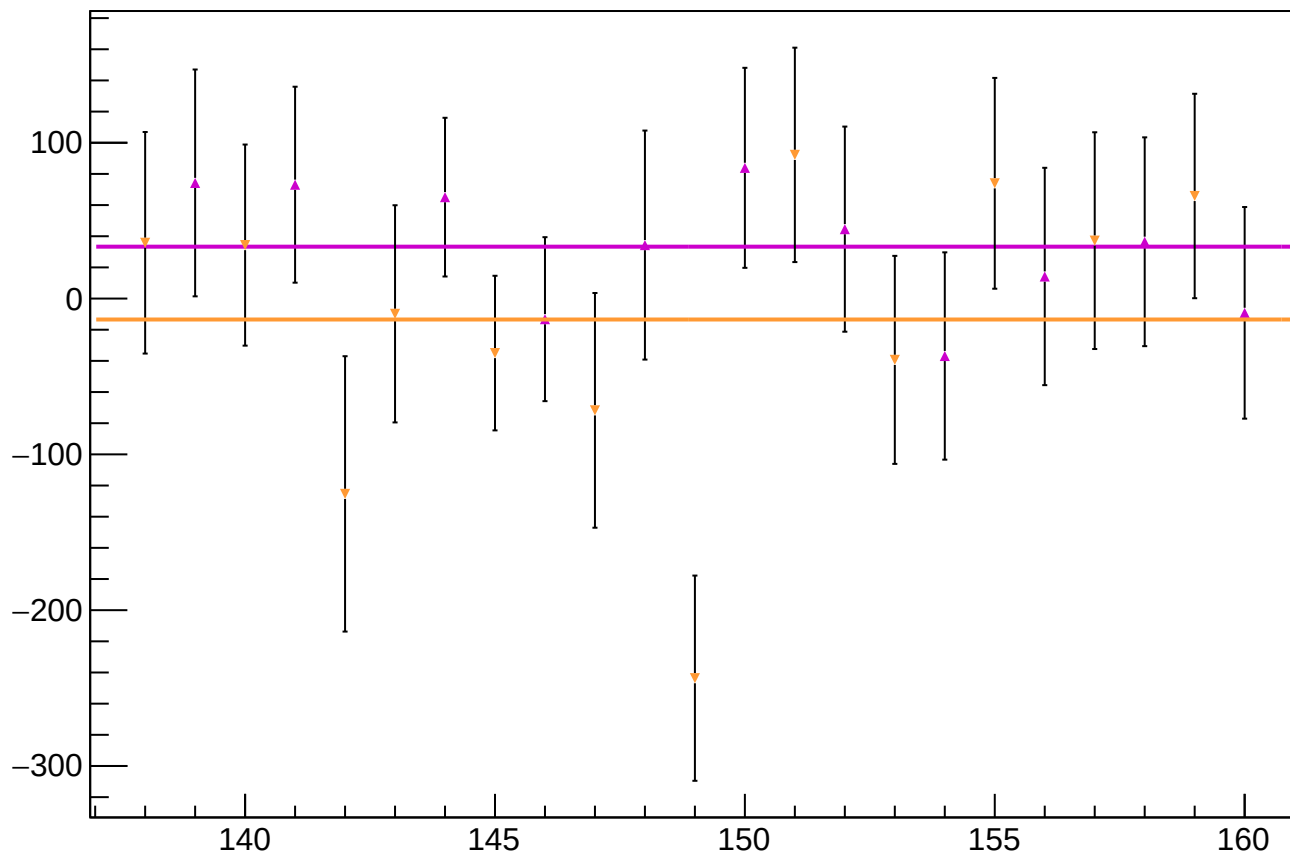
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 363.744+/-0.087 χ^2/NDF : 165659.9/10

360.934+/-0.086 χ^2/NDF : 319334.4/11

363.744+/-0.087 χ^2/NDF : 165659.9/10

reg_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -13.442+/-19.324 χ^2/NDF : 21.8/11

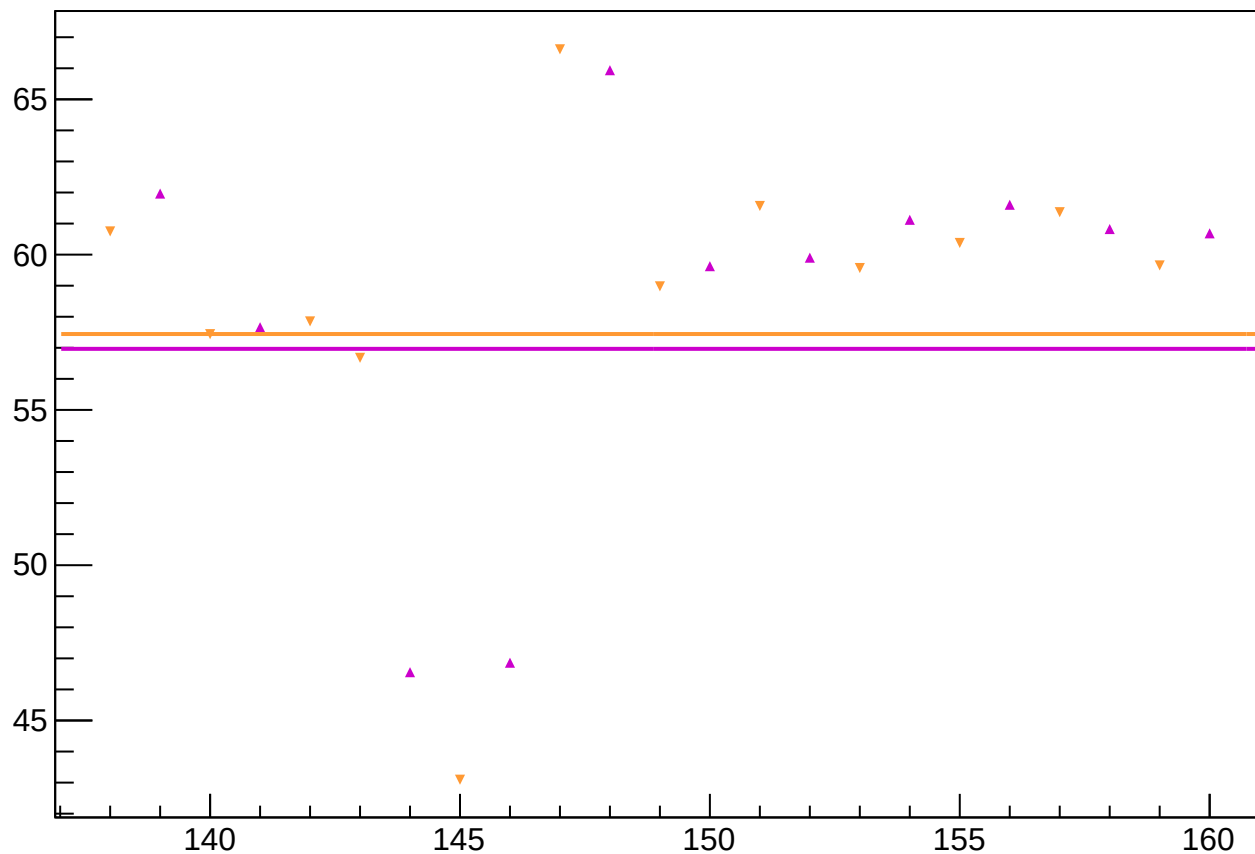
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 33.308+/-19.181 χ^2/NDF : 4.1/10

-13.442+/-19.324 χ^2/NDF : 21.8/11

33.308+/-19.181 χ^2/NDF : 4.1/10

reg_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 57.444+/-0.014 χ^2/NDF :224189.7/11

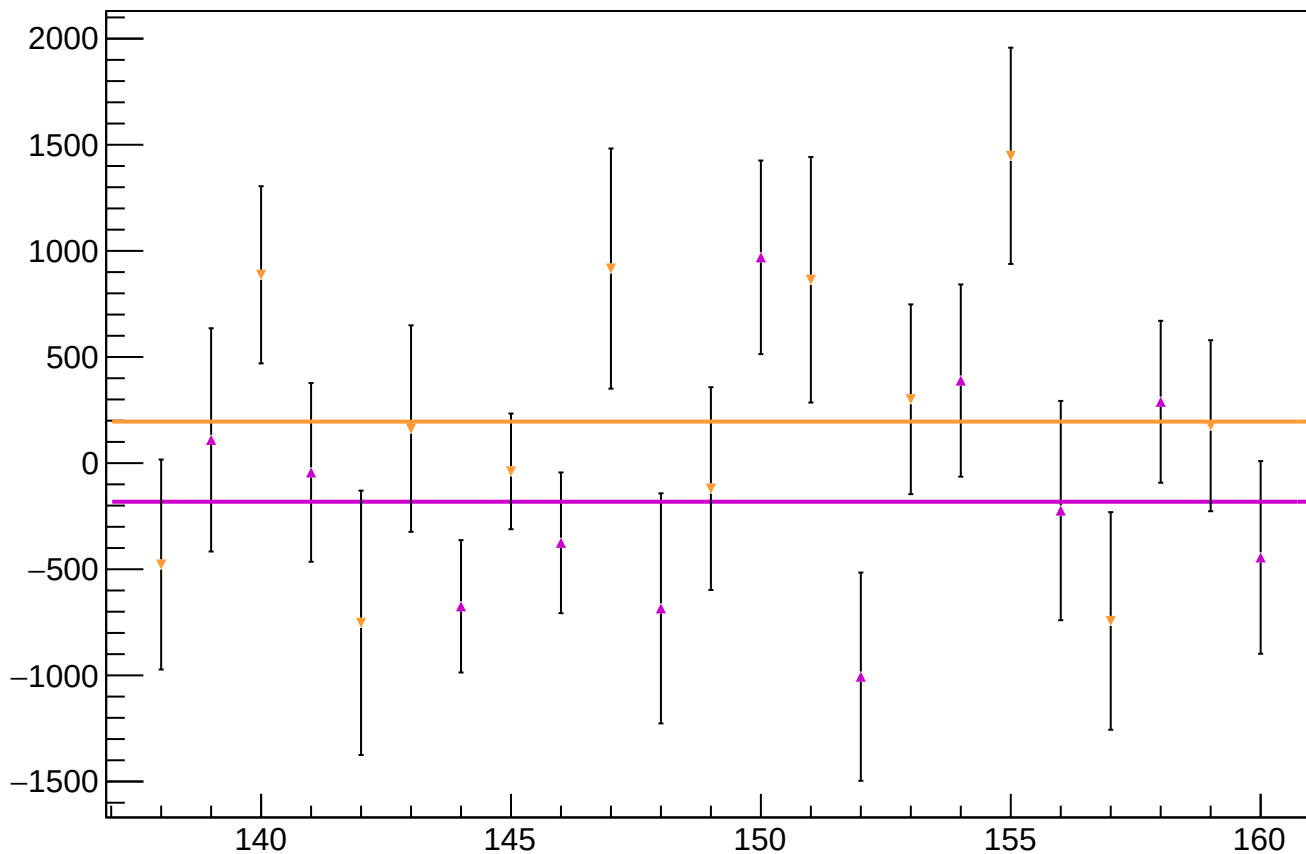
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 56.966+/-0.014 χ^2/NDF :233523.0/10

57.444+/-0.014 χ^2/NDF : 224189.7/11

56.966+/-0.014 χ^2/NDF : 233523.0/10

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 195.693+/-129.736 χ^2/NDF : 20.5/11

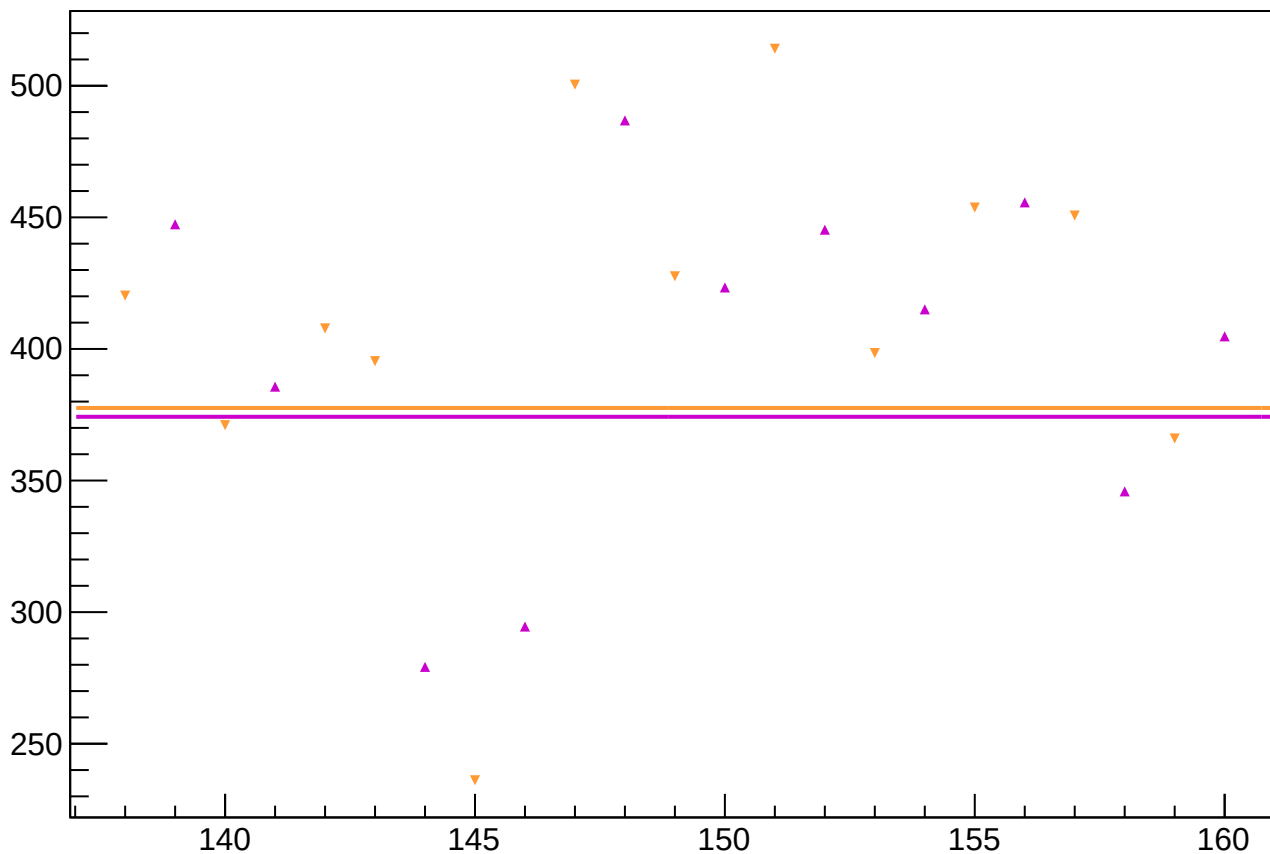
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -181.848+/-127.661 χ^2/NDF : 16.8/10

195.693+/-129.736 χ^2/NDF : 20.5/11

-181.848+/-127.661 χ^2/NDF : 16.8/10

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 377.586+/-0.092 χ^2/NDF : 880707.0/11

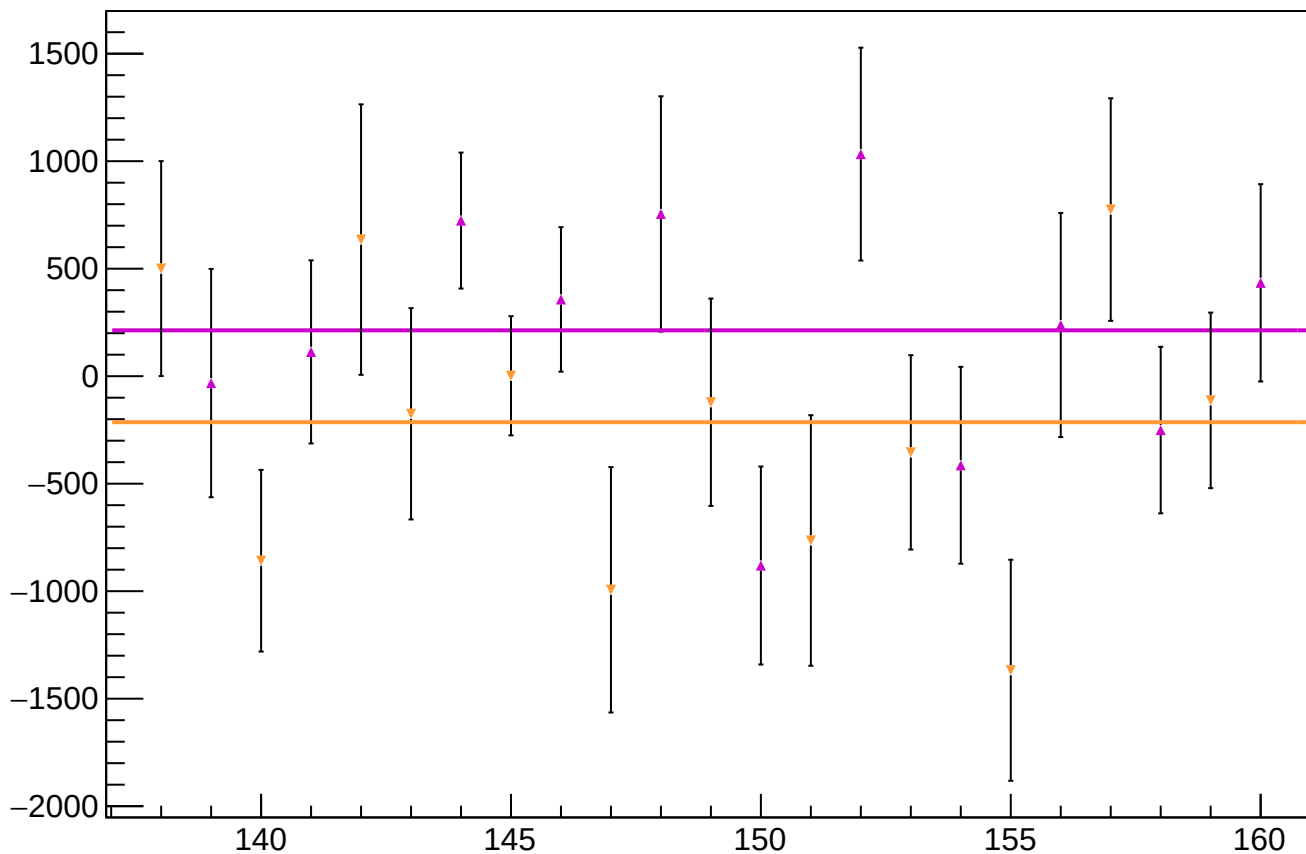
377.586+/-0.092 χ^2/NDF : 880707.0/11

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

Left In: 374.225+/-0.090 χ^2/NDF : 579165.8/10

374.225+/-0.090 χ^2/NDF : 579165.8/10

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -213.963+/-131.280 χ^2/NDF : 18.4/11

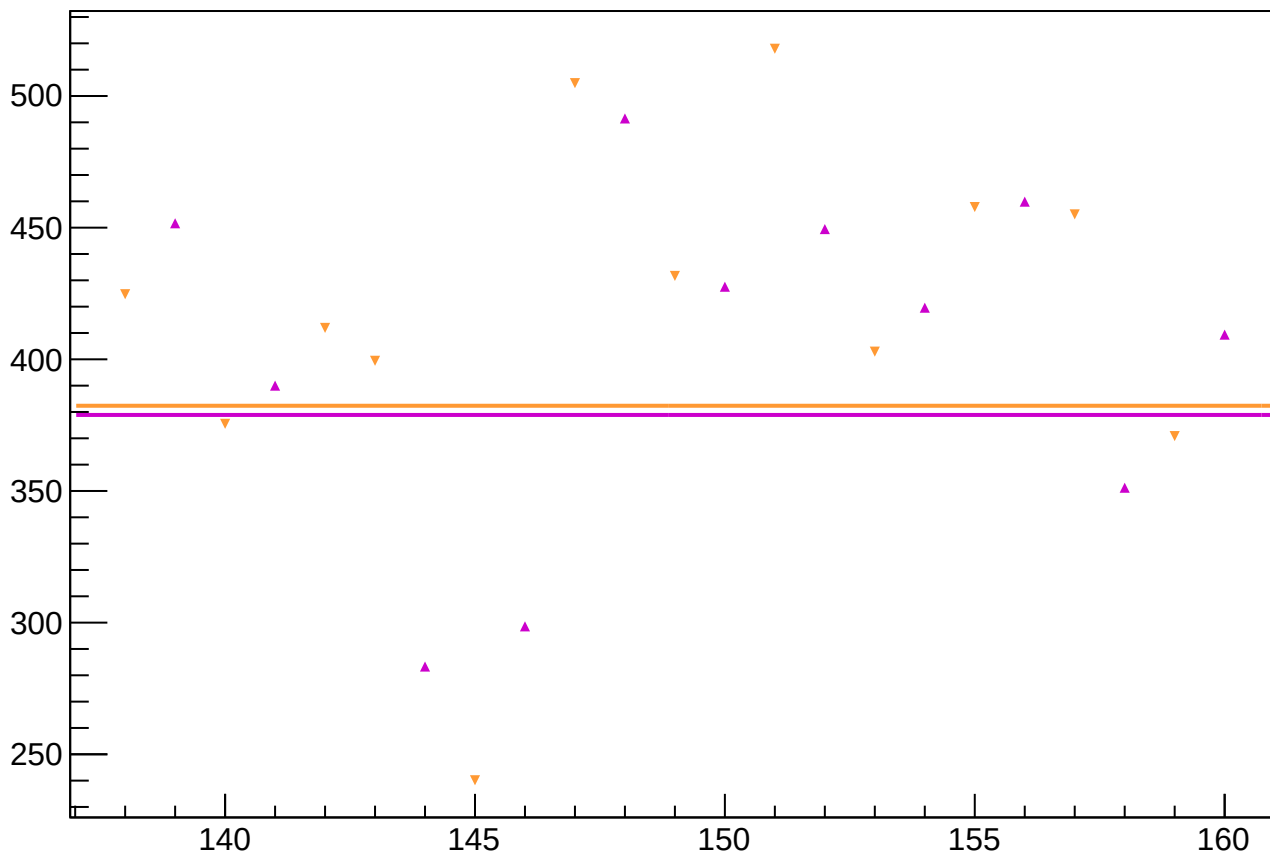
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.283+/-129.183 χ^2/NDF : 16.0/10

-213.963+/-131.280 χ^2/NDF : 18.4/11

213.283+/-129.183 χ^2/NDF : 16.0/10

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 382.366+/-0.093 χ^2/NDF : 858208.6/11

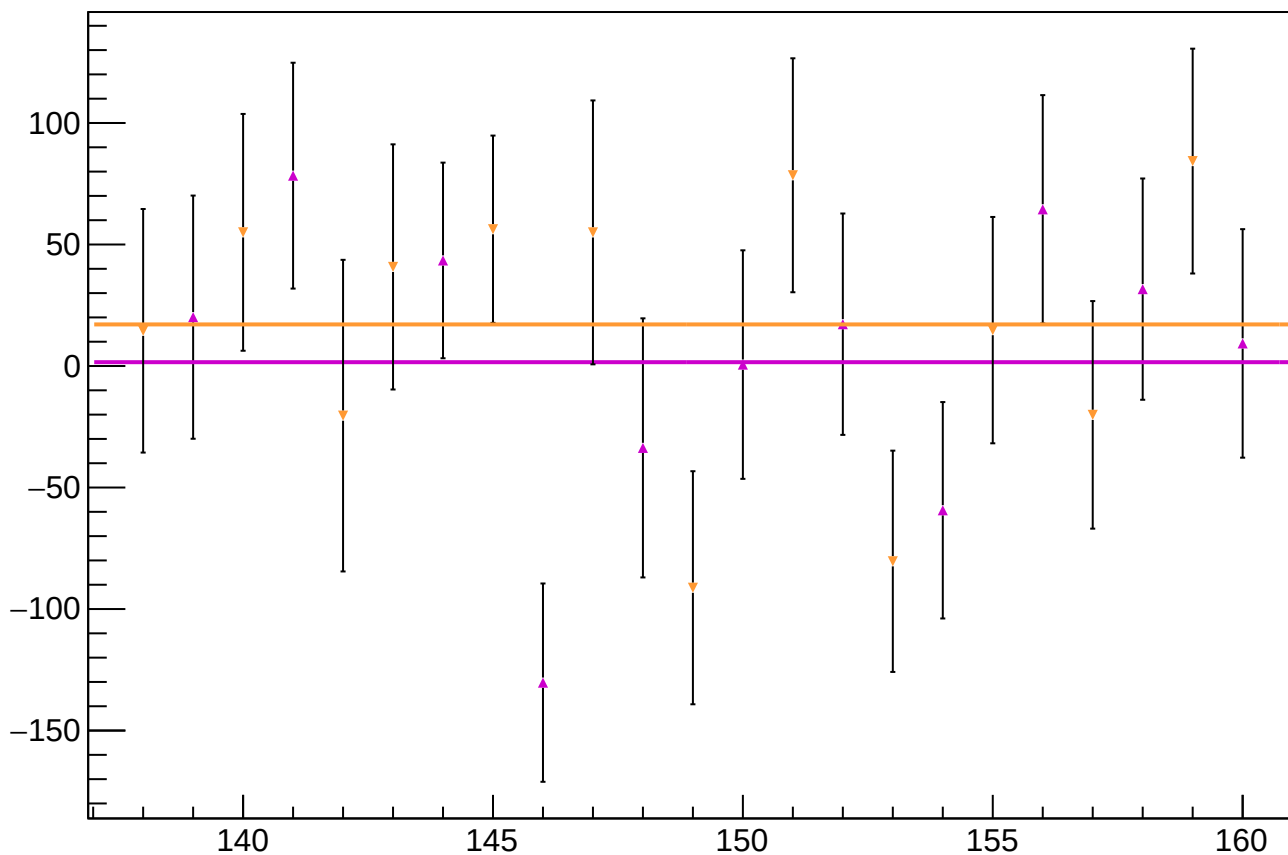
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.873+/-0.091 χ^2/NDF : 566580.8/10

382.366+/-0.093 χ^2/NDF : 858208.6/11

378.873+/-0.091 χ^2/NDF : 566580.8/10

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 17.116+/-13.865 χ^2/NDF :16.7/11

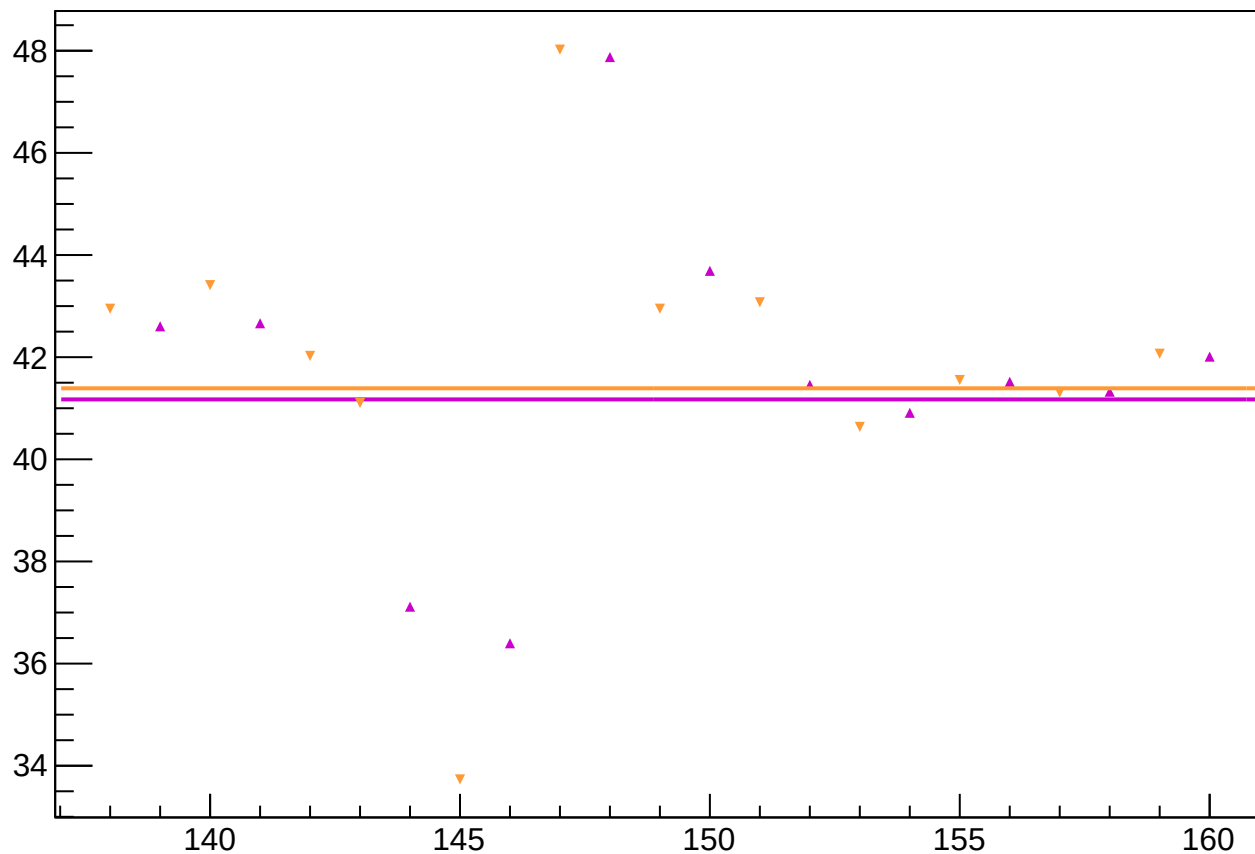
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.578+/-13.790 χ^2/NDF :19.1/10

17.116+/-13.865 χ^2/NDF : 16.7/11

1.578+/-13.790 χ^2/NDF : 19.1/10

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 41.390+/-0.010 χ^2/NDF :120009.1/11

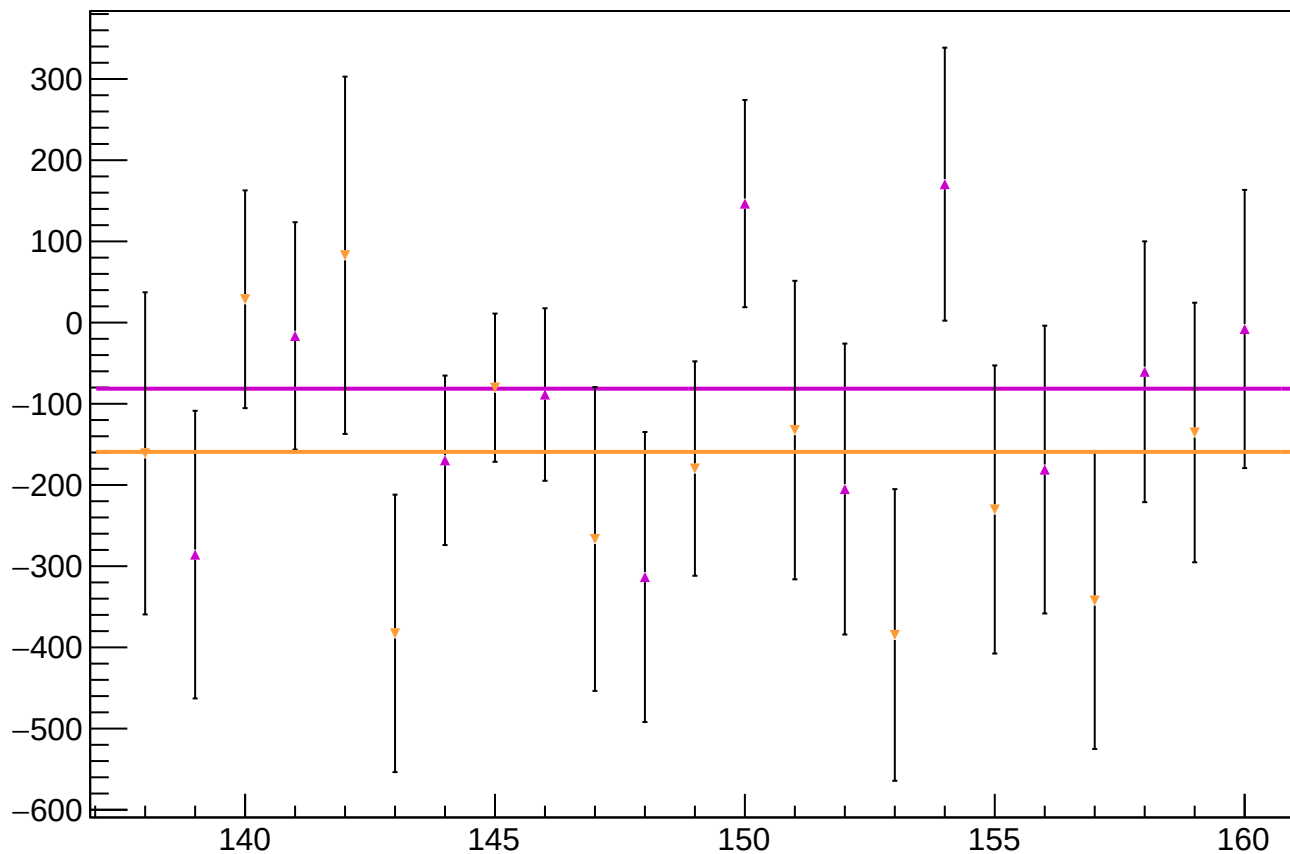
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.173+/-0.010 χ^2/NDF :89697.7/10

41.390+/-0.010 χ^2/NDF : 120009.1/11

41.173+/-0.010 χ^2/NDF : 89697.7/10

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -159.240+/-44.576 χ^2/NDF : 8.8/11

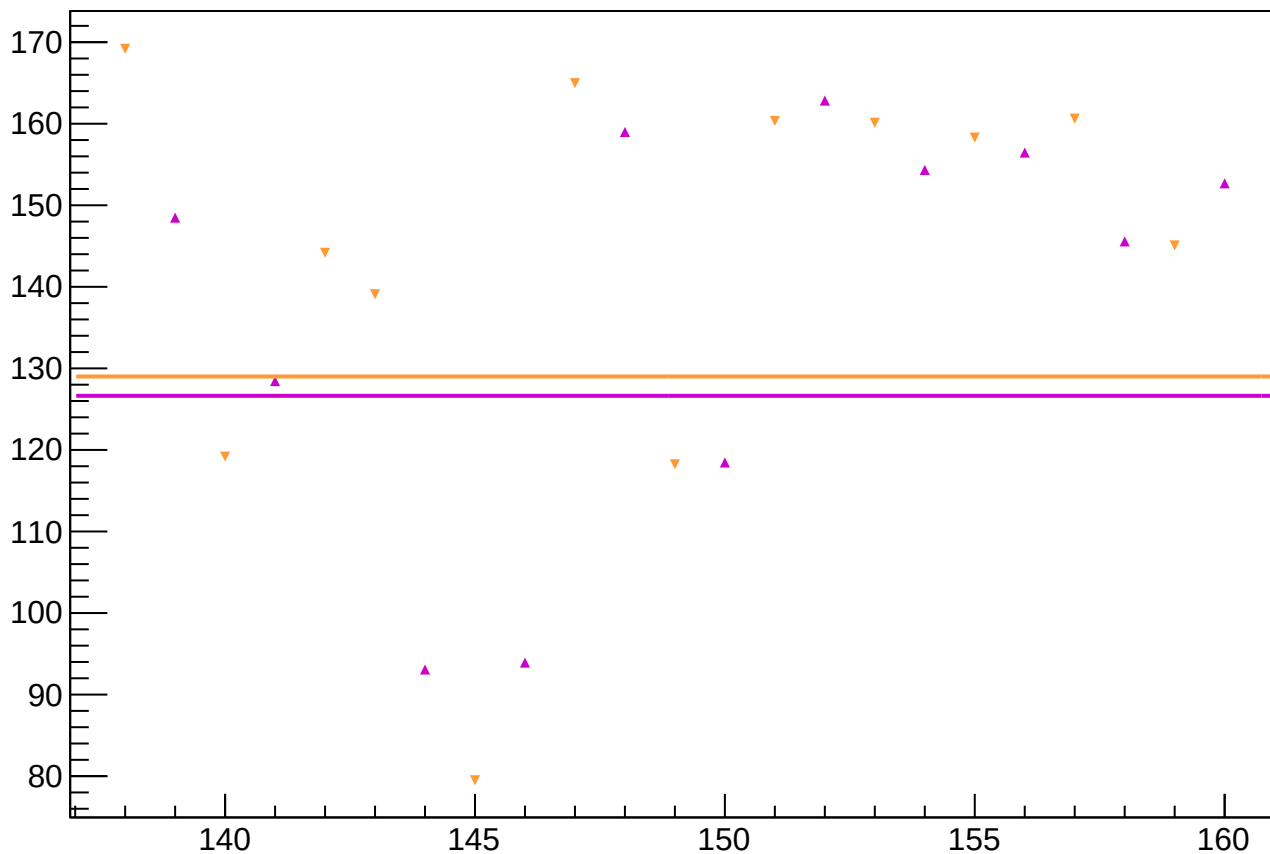
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.410+/-43.548 χ^2/NDF : 10.4/10

-159.240+/-44.576 χ^2/NDF : 8.8/11

-81.410+/-43.548 χ^2/NDF : 10.4/10

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 129.007+/-0.032 χ^2/NDF :1037424.6/11

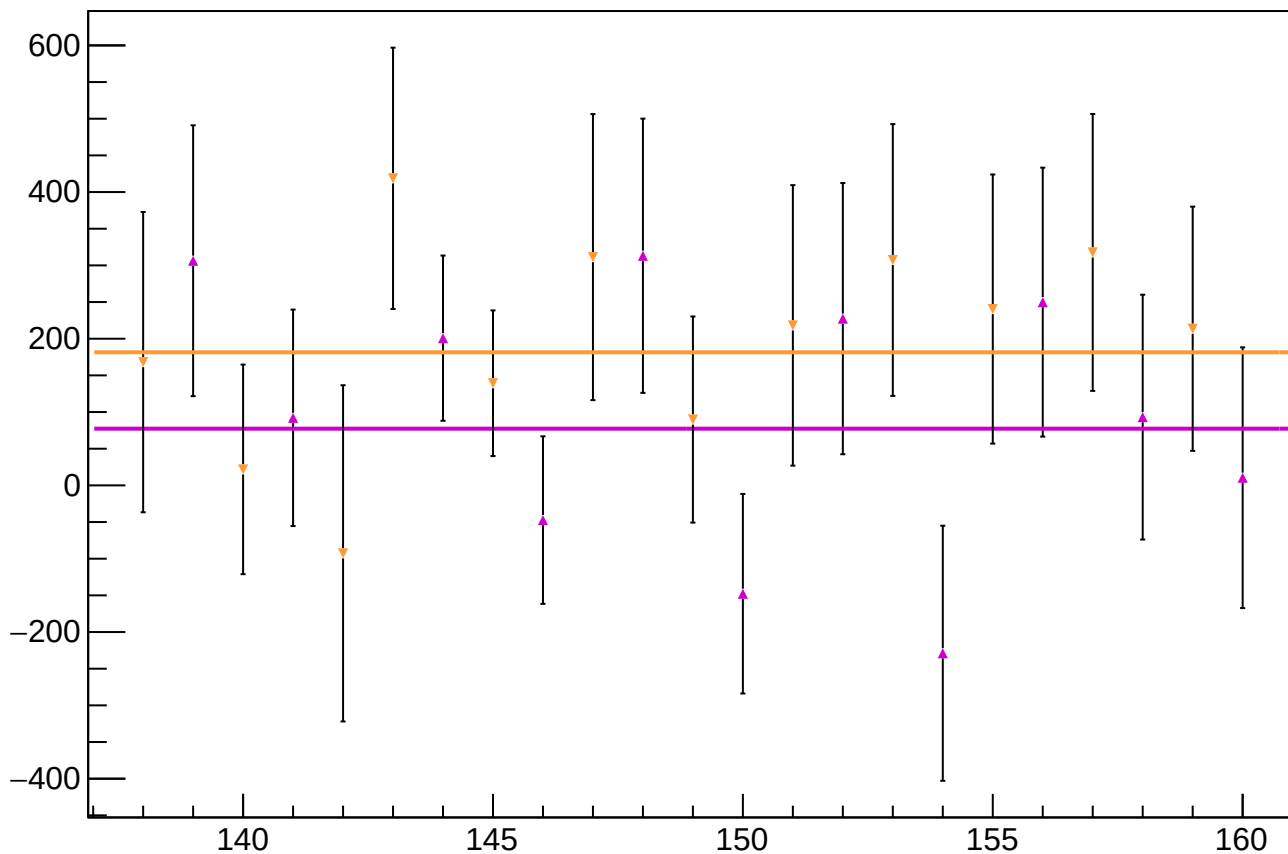
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 126.637+/-0.031 χ^2/NDF :767756.4/10

129.007+/-0.032 χ^2/NDF : 1037424.6/11

126.637+/-0.031 χ^2/NDF : 767756.4/10

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 181.498+/-47.043 χ^2/NDF : 6.7/11

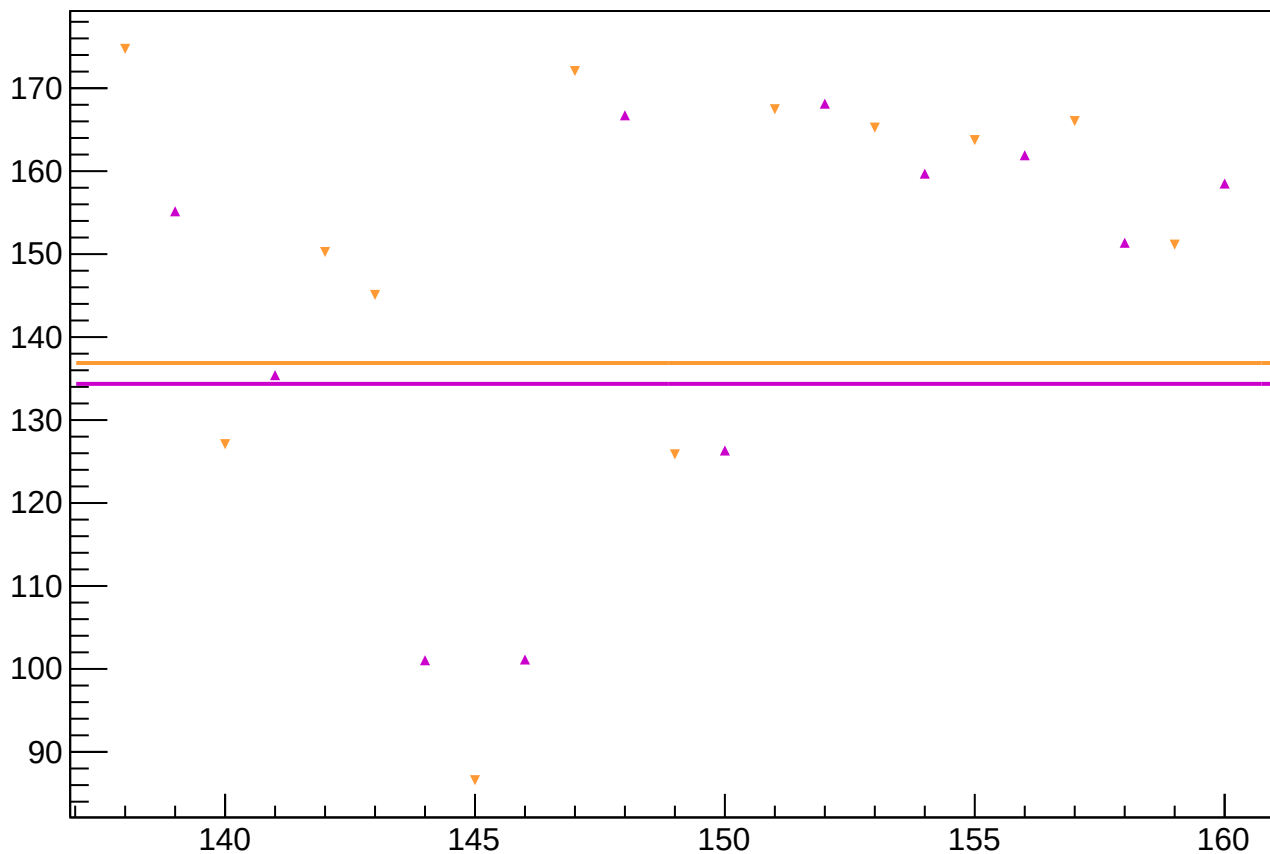
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 77.309+/-45.992 χ^2/NDF : 13.1/10

181.498+/-47.043 χ^2/NDF : 6.7/11

77.309+/-45.992 χ^2/NDF : 13.1/10

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 136.874+/-0.033 χ^2/NDF : 882081.0/11

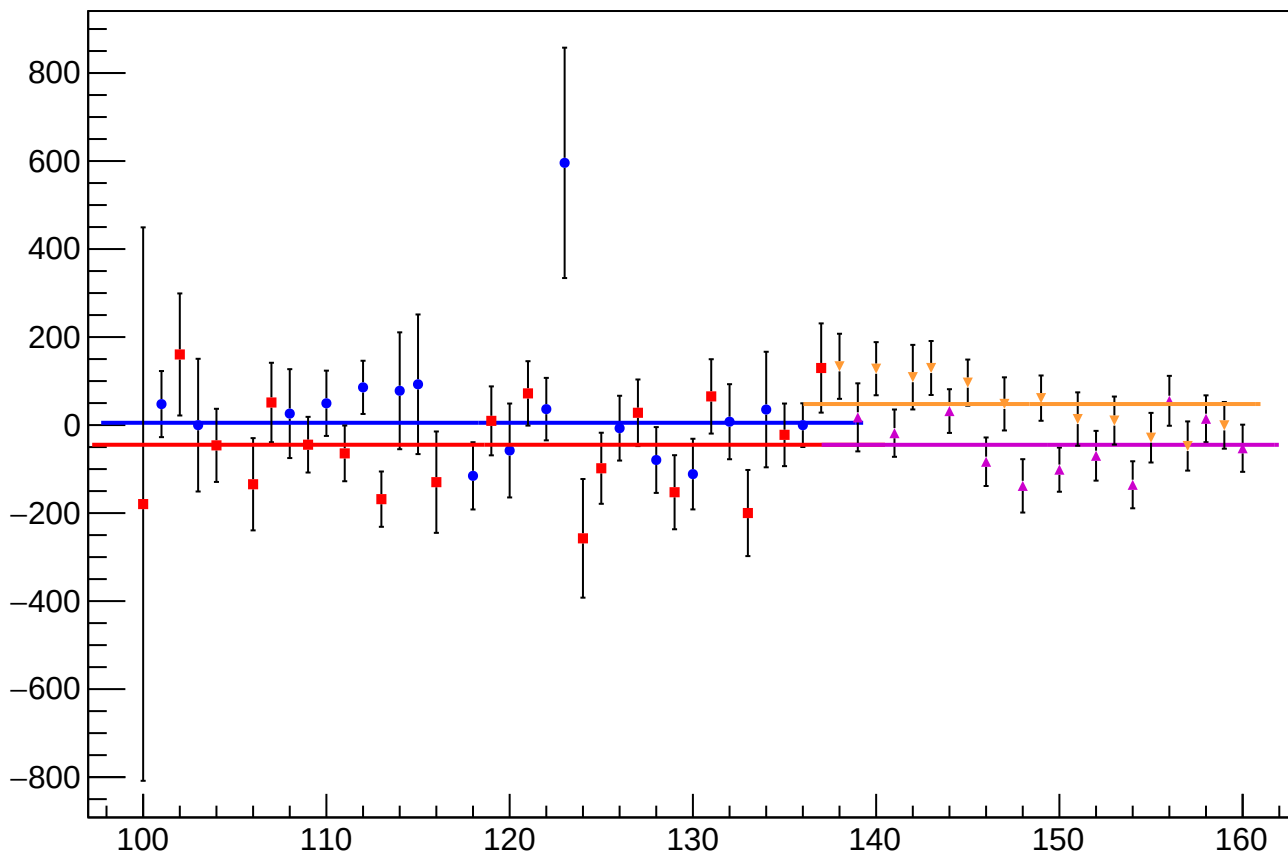
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.362+/-0.033 χ^2/NDF : 648276.9/10

136.874+/-0.033 χ^2/NDF : 882081.0/11

134.362+/-0.033 χ^2/NDF : 648276.9/10

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 ± 20.150 χ^2/NDF : 14.7/16

Left Out: 47.822 ± 16.849 χ^2/NDF : 12.9/11

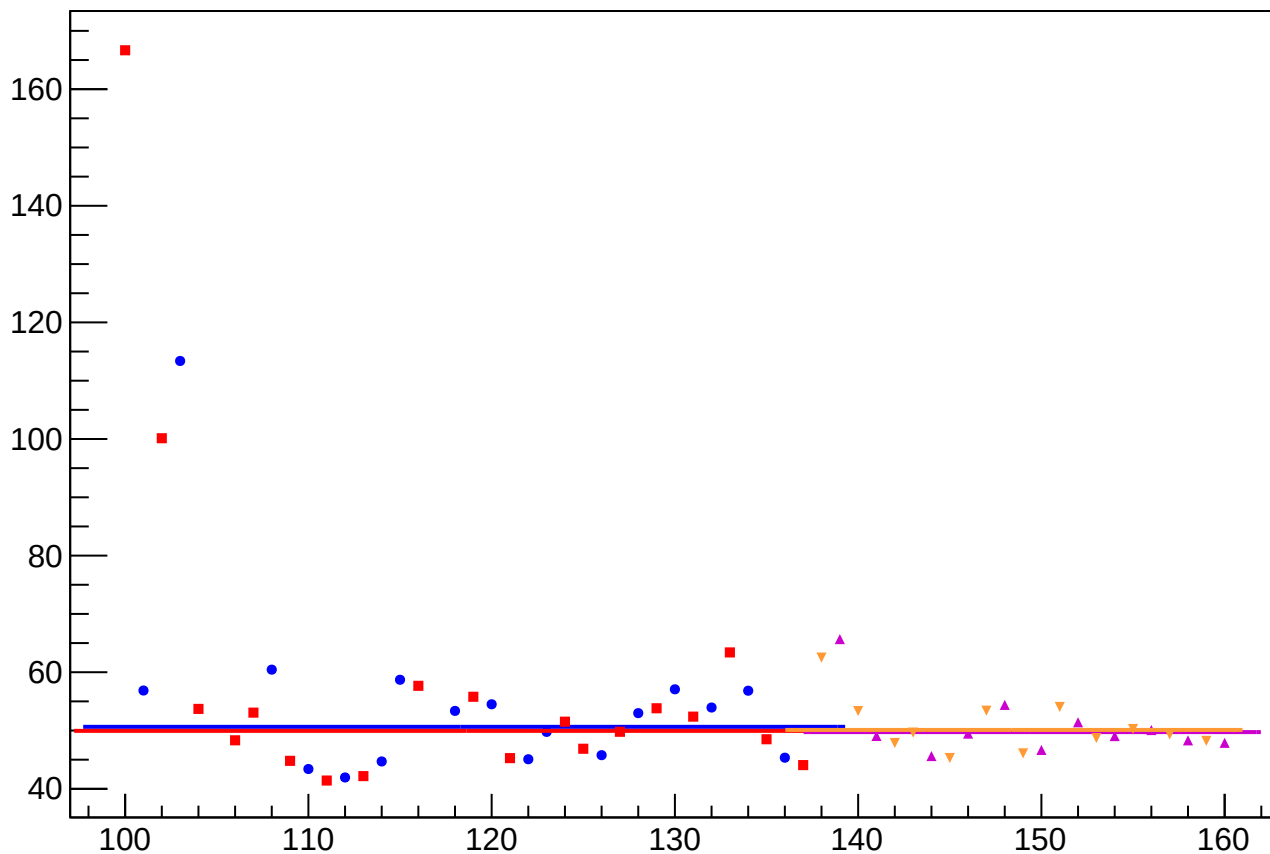
Right Out: -44.715 ± 19.410 χ^2/NDF : 24.4/18

Left In: -44.860 ± 16.687 χ^2/NDF : 14.8/10

30.292 ± 12.926 χ^2/NDF : 30.2/28

-44.798 ± 12.654 χ^2/NDF : 39.2/29

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 50.101 $\pm$ 0.012 χ^2 /NDF:111699.8/11

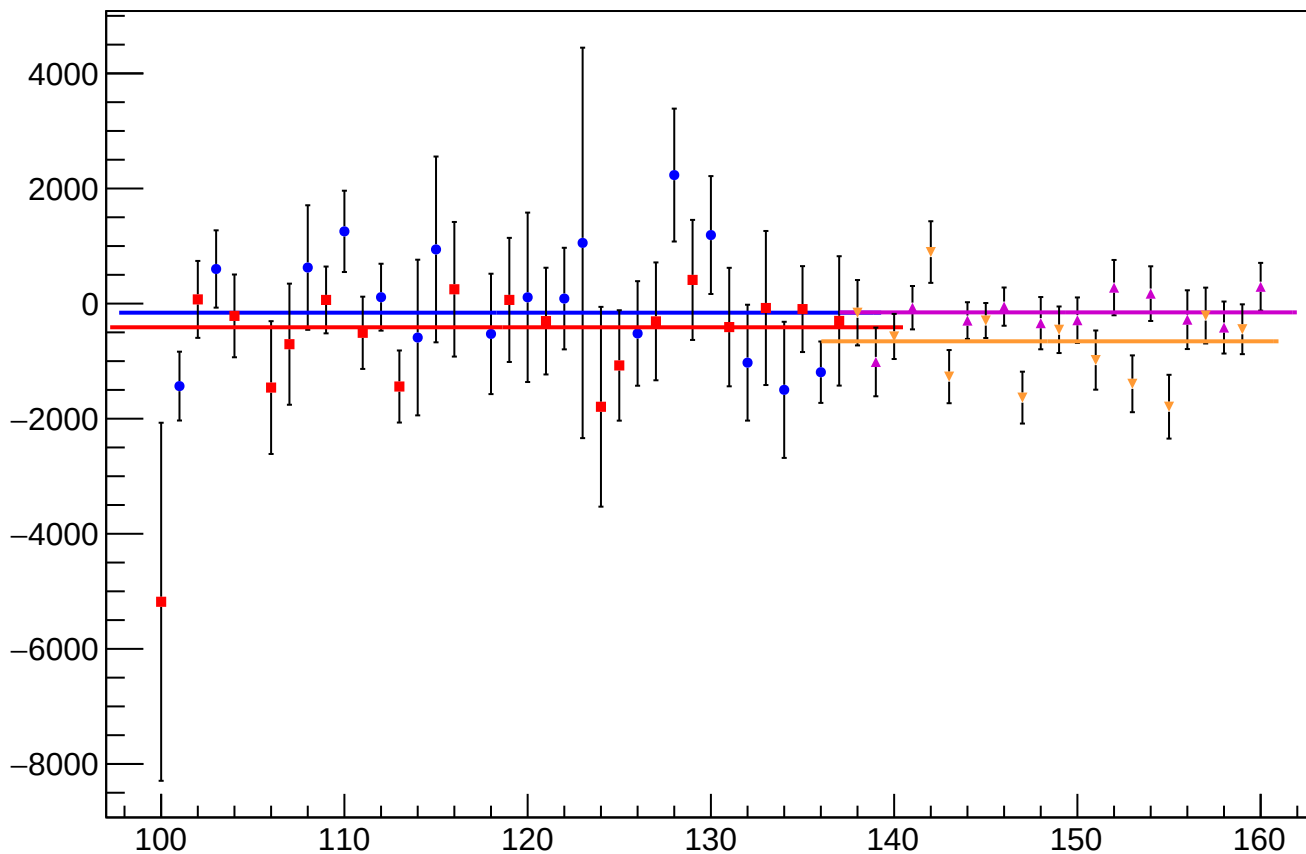
Right Out: 49.943 $\pm$ 0.014 χ^2 /NDF: 500488.8/18

Left In: 49.731 $\pm$ 0.012 χ^2 /NDF:124344.0/10

50.321 $\pm$ 0.009 χ^2 /NDF: 632211.4/28

49.821 $\pm$ 0.009 χ^2 /NDF: 624969.6/29

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001 $\pm$ 210.181 χ^2 /NDF: 23.5/16

Left Out: -655.278 $\pm$ 128.713 χ^2 /NDF: 25.3/11

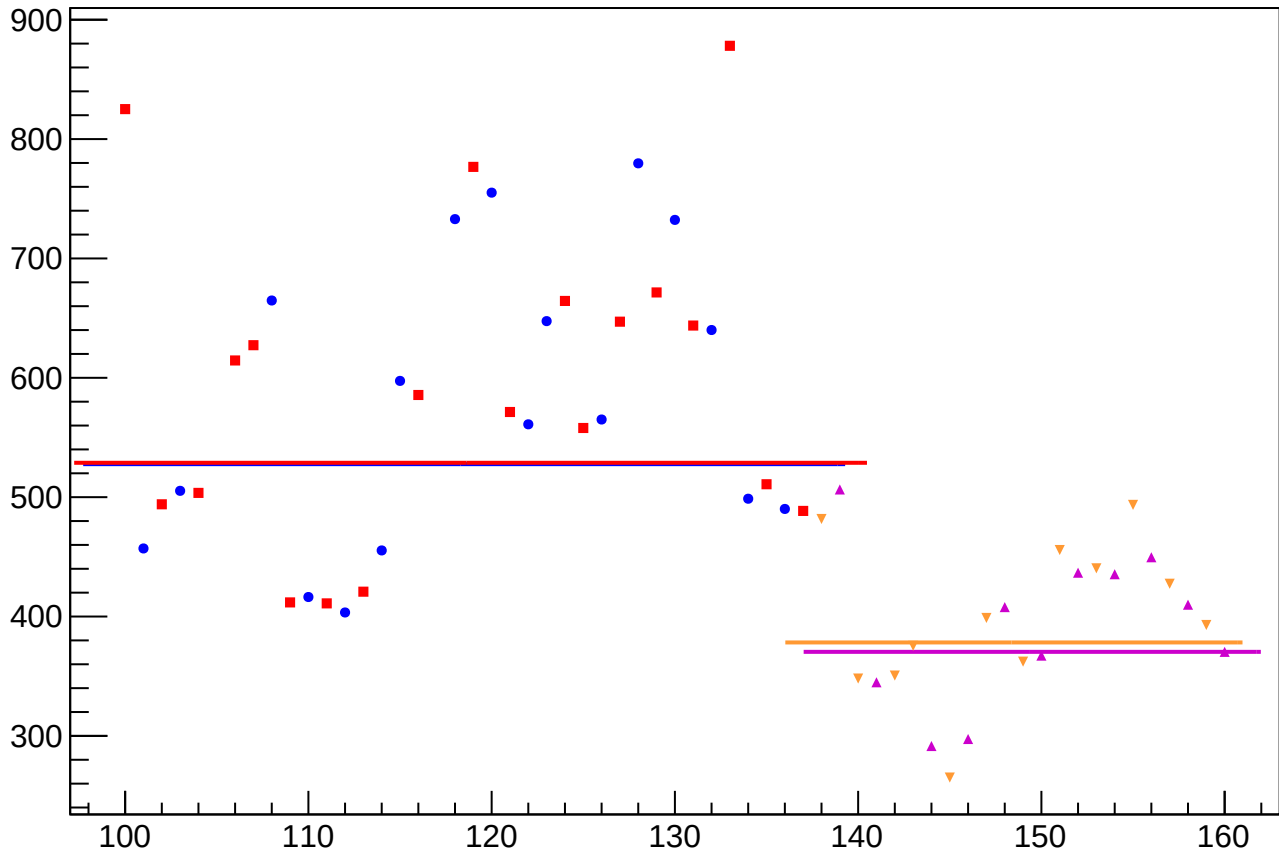
Right Out: -411.611 $\pm$ 203.633 χ^2 /NDF: 9.8/18

Left In: -152.656 $\pm$ 125.690 χ^2 /NDF: 5.5/10

-519.651 $\pm$ 109.766 χ^2 /NDF: 52.8/28

-224.096 $\pm$ 106.956 χ^2 /NDF: 16.5/29

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663+/-0.149 χ^2/NDF : 557423.6/16

Left Out: 378.288+/-0.091 χ^2/NDF : 554594.6/11

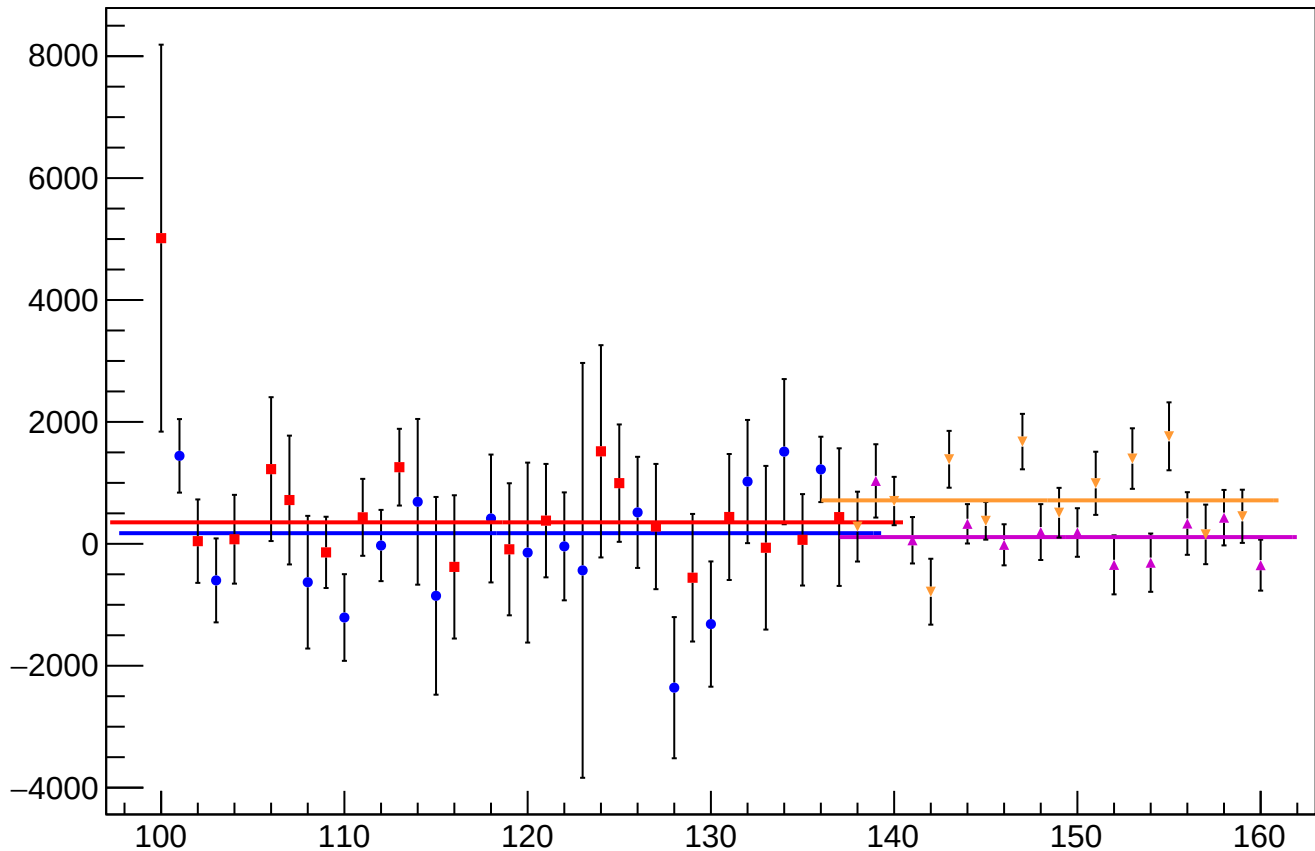
Right Out: 528.806+/-0.144 χ^2/NDF : 623364.6/18

Left In: 370.415+/-0.089 χ^2/NDF : 485000.9/10

419.028+/-0.078 χ^2/NDF : 1846684.8/28

414.111+/-0.076 χ^2/NDF : 1984575.8/29

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 ± 211.662 $\chi^2/\text{NDF}: 23.7/16$

Left Out: 713.006 ± 129.945 $\chi^2/\text{NDF}: 23.7/11$

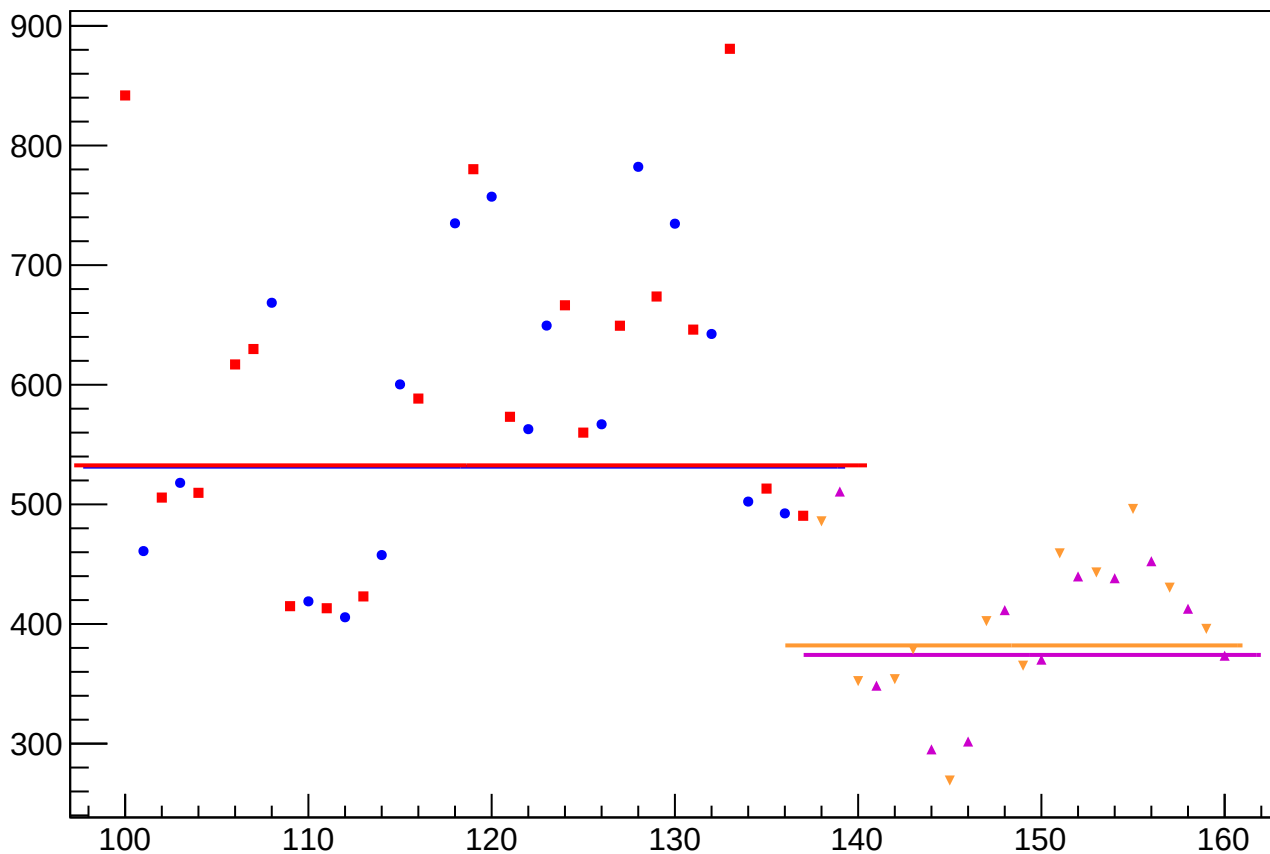
Right Out: 352.570 ± 205.204 $\chi^2/\text{NDF}: 8.4/18$

Left In: 110.582 ± 126.901 $\chi^2/\text{NDF}: 6.6/10$

565.627 ± 110.741 $\chi^2/\text{NDF}: 52.1/28$

177.526 ± 107.930 $\chi^2/\text{NDF}: 16.0/29$

asym_sam_1357_avg_rms vs Slug



Right In: 531.554 $\pm$ 0.150 χ^2 /NDF: 550087.6/16

Left Out: 382.100 $\pm$ 0.092 χ^2 /NDF: 537465.7/11

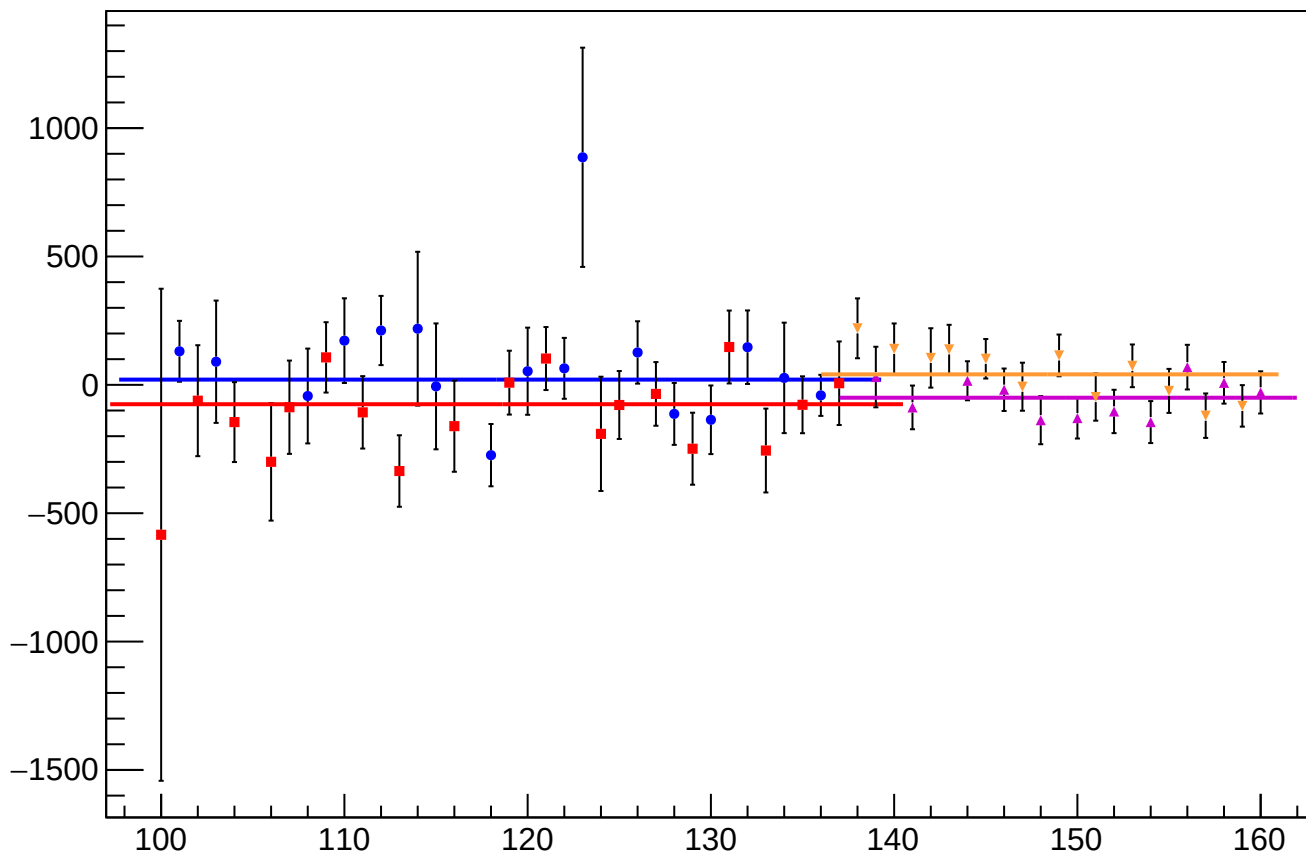
Right Out: 532.620 $\pm$ 0.145 χ^2 /NDF: 615746.2/18

Left In: 374.151 $\pm$ 0.090 χ^2 /NDF: 471295.1/10

423.011 $\pm$ 0.078 χ^2 /NDF: 1811745.1/28

417.990 $\pm$ 0.076 χ^2 /NDF: 1949827.7/29

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441+/-34.583 χ^2/NDF : 19.3/16

Left Out: 40.859+/-26.000 χ^2/NDF :13.8/11

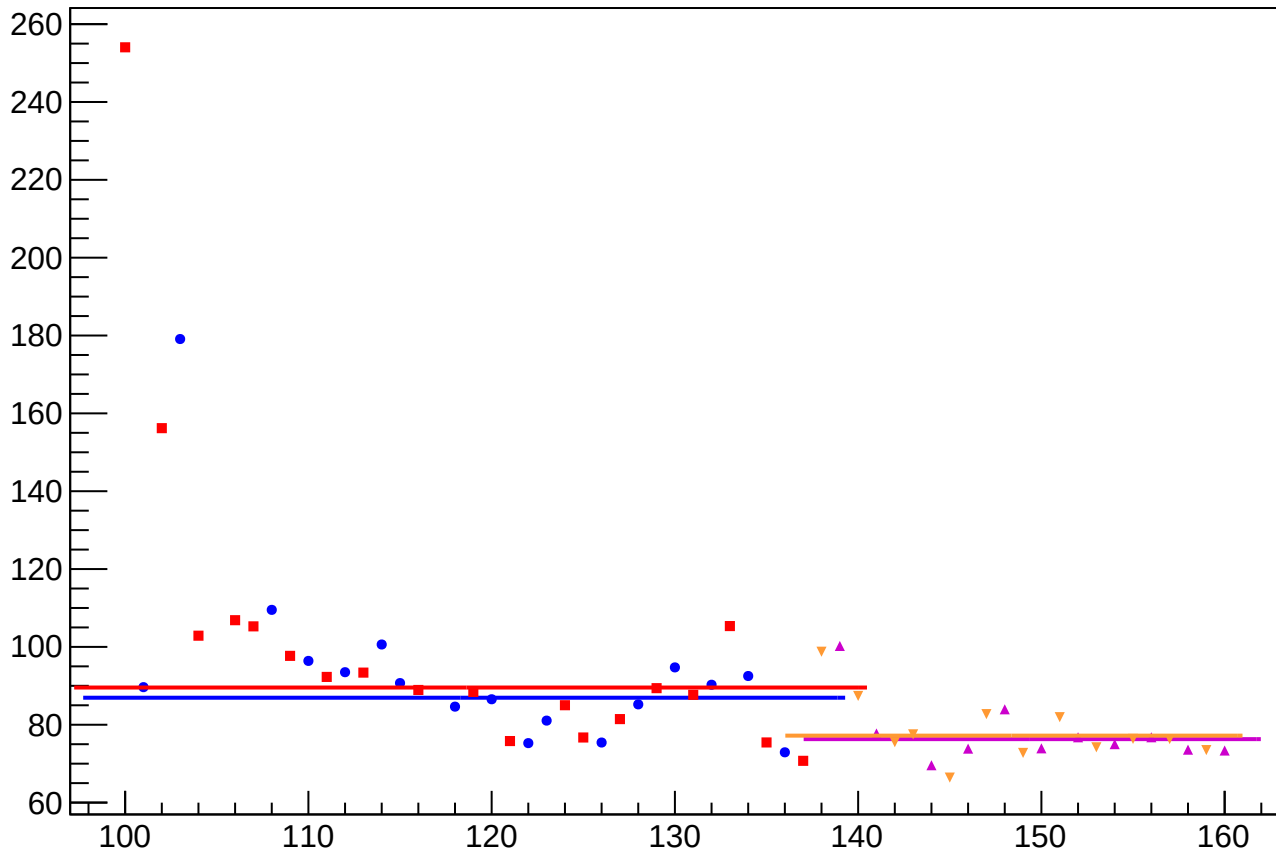
Right Out: -75.454+/-34.698 χ^2/NDF : 15.4/18

Left In: -50.145+/-25.619 χ^2/NDF :7.6/10

33.486+/-20.782 χ^2/NDF : 33.3/28

-59.075+/-20.610 χ^2/NDF : 23.4/29

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 77.202+/-0.018 χ^2/NDF :154756.9/11

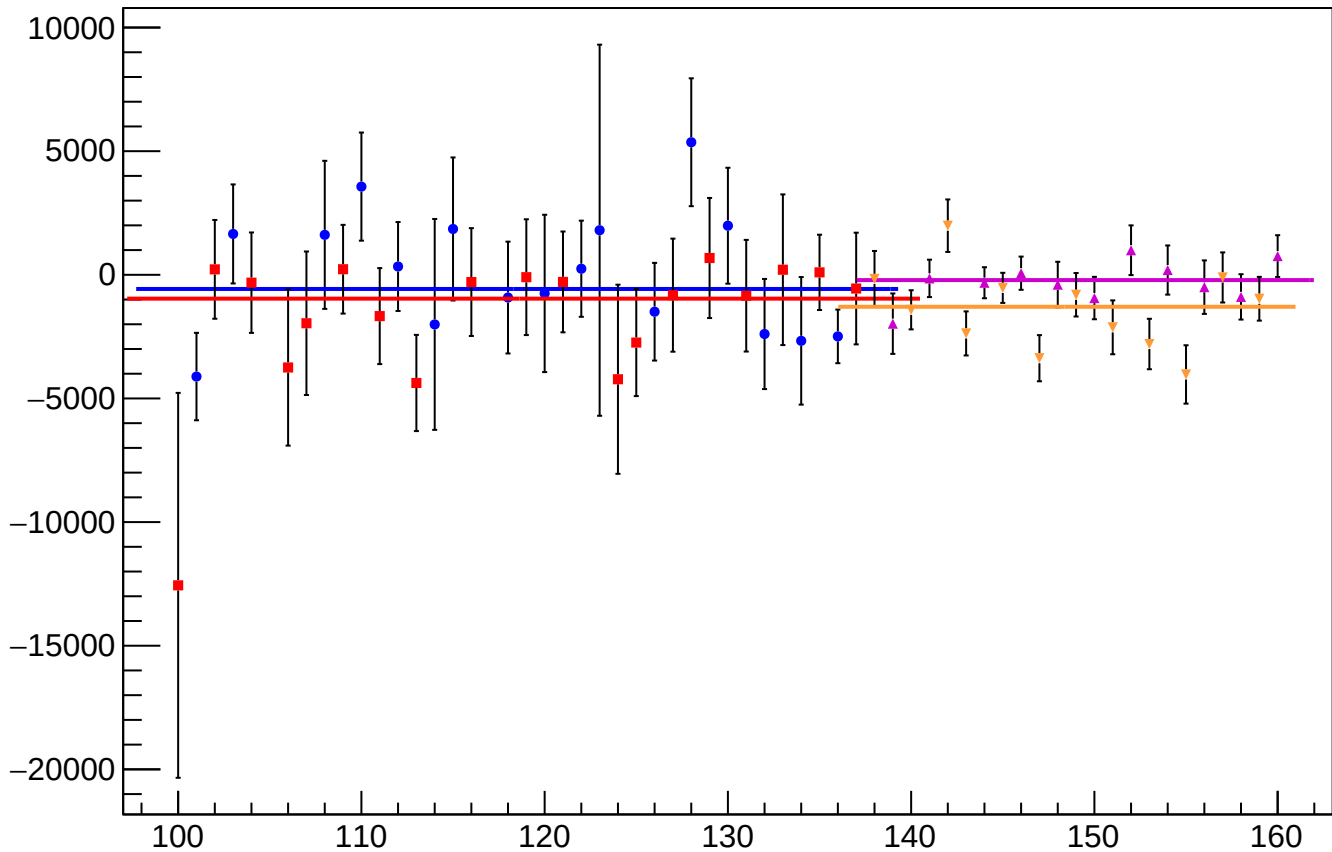
Right Out: 89.561+/-0.025 χ^2/NDF : 431229.7/18

Left In: 76.302+/-0.018 χ^2/NDF :120824.4/10

80.719+/-0.015 χ^2/NDF : 711939.5/28

80.980+/-0.015 χ^2/NDF : 741044.6/29

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342 ± 517.020 χ^2/NDF : 21.9/16

Left Out: -1292.538 ± 263.146 χ^2/NDF : 28.5/11

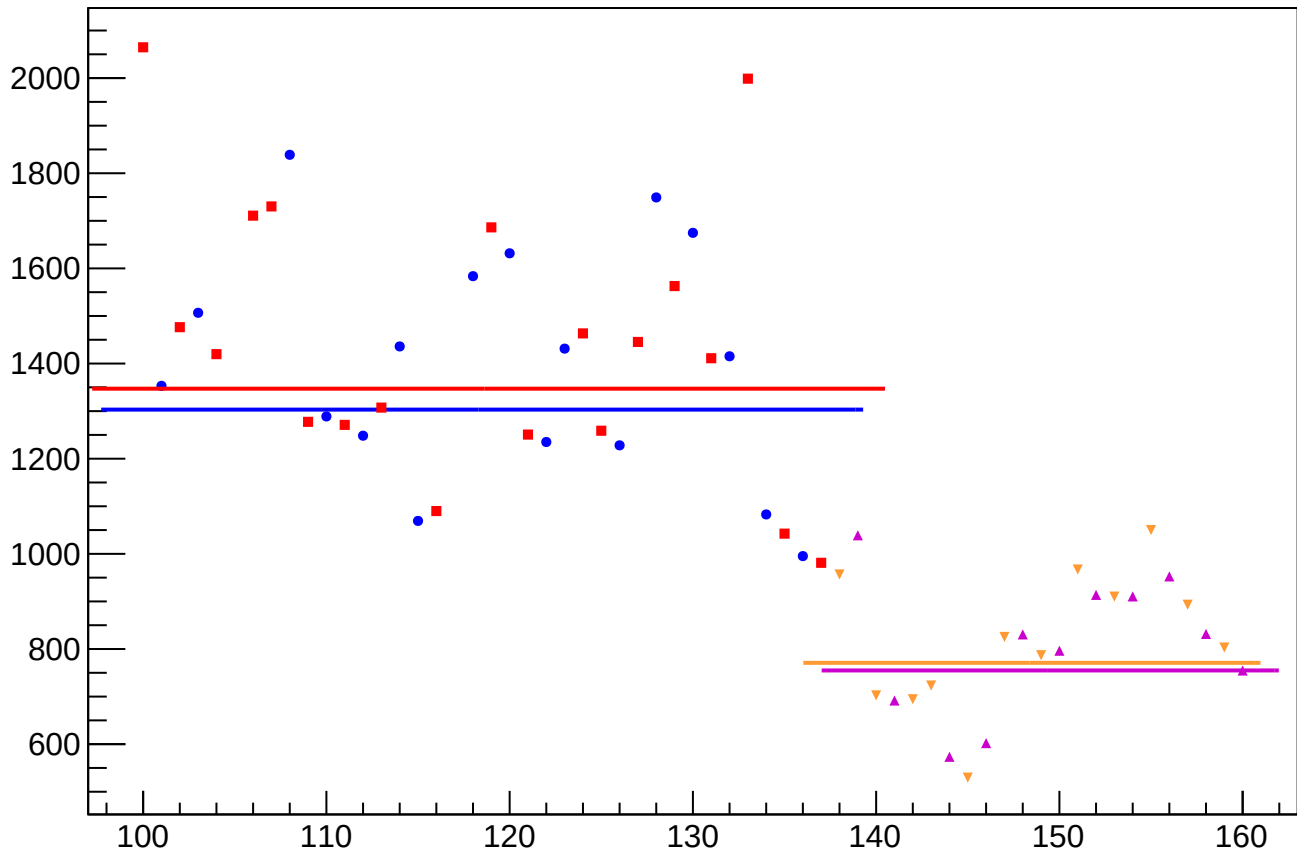
Right Out: -963.846 ± 514.621 χ^2/NDF : 10.1/18

Left In: -213.824 ± 256.951 χ^2/NDF : 6.6/10

-1144.359 ± 234.517 χ^2/NDF : 51.9/28

-363.493 ± 229.888 χ^2/NDF : 18.4/29

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 770.931+/-0.186 χ^2/NDF : 652474.7/11

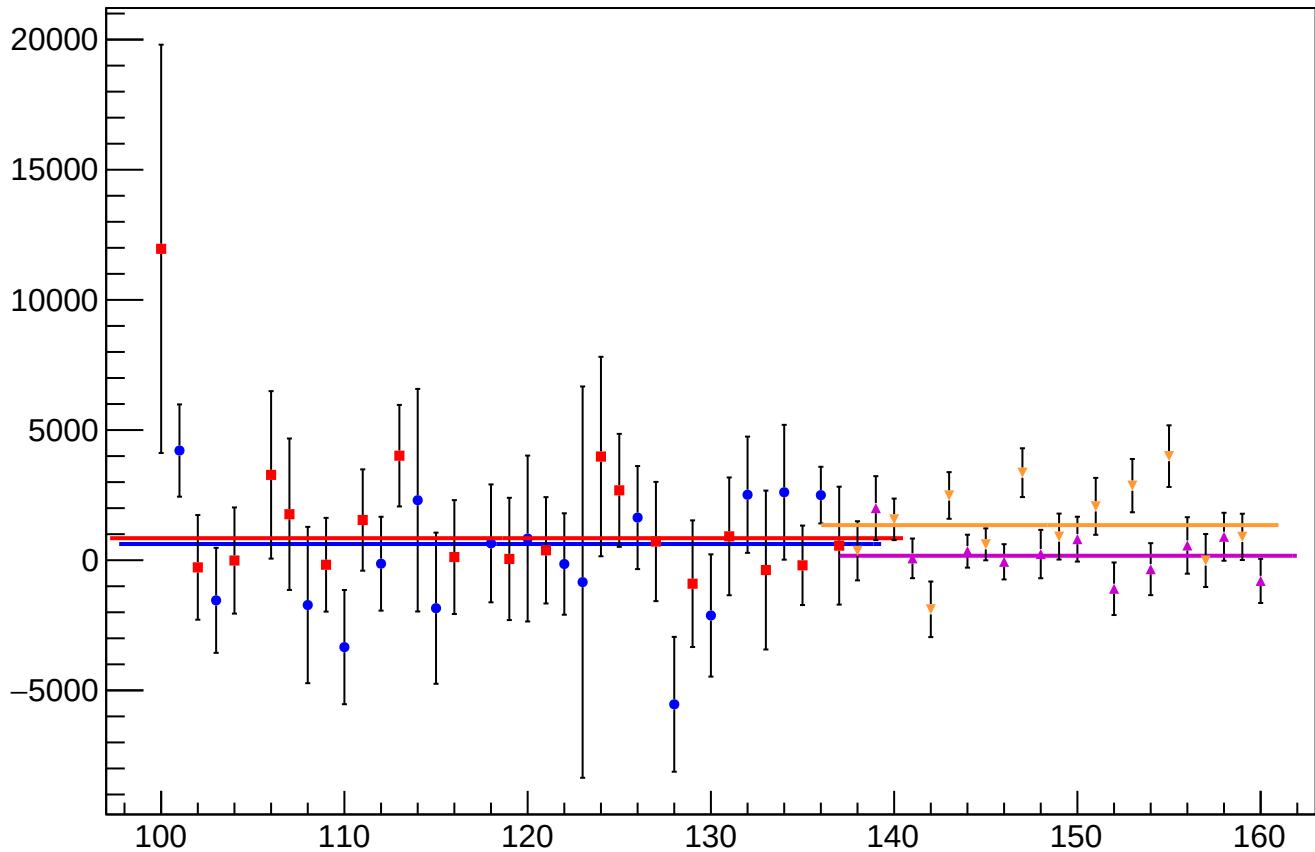
Right Out: 1347.177+/-0.364 χ^2/NDF : 420774.0/18

Left In: 754.947+/-0.182 χ^2/NDF : 590331.9/10

880.444+/-0.166 χ^2/NDF : 2788030.4/28

873.128+/-0.163 χ^2/NDF : 3131263.5/29

asym_sam_2468_avg_mean vs Slug



Right In: 622.411 ± 518.496 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 1347.477 ± 264.618 $\chi^2/\text{NDF}: 27.6/11$

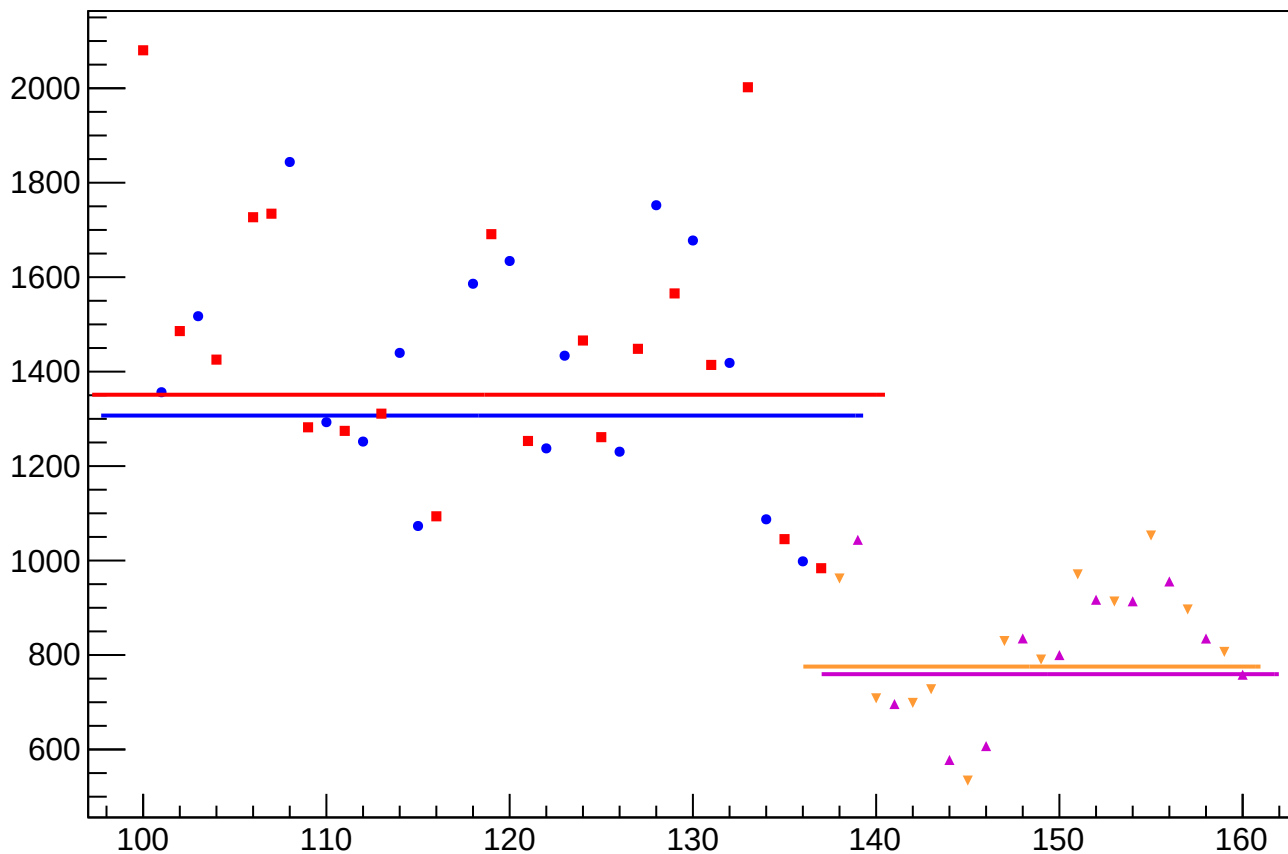
Right Out: 846.021 ± 516.325 $\chi^2/\text{NDF}: 9.1/18$

Left In: 171.610 ± 258.390 $\chi^2/\text{NDF}: 6.9/10$

1197.648 ± 235.697 $\chi^2/\text{NDF}: 51.1/28$

306.683 ± 231.071 $\chi^2/\text{NDF}: 17.3/29$

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 775.497+/-0.187 χ^2/NDF : 641555.3/11

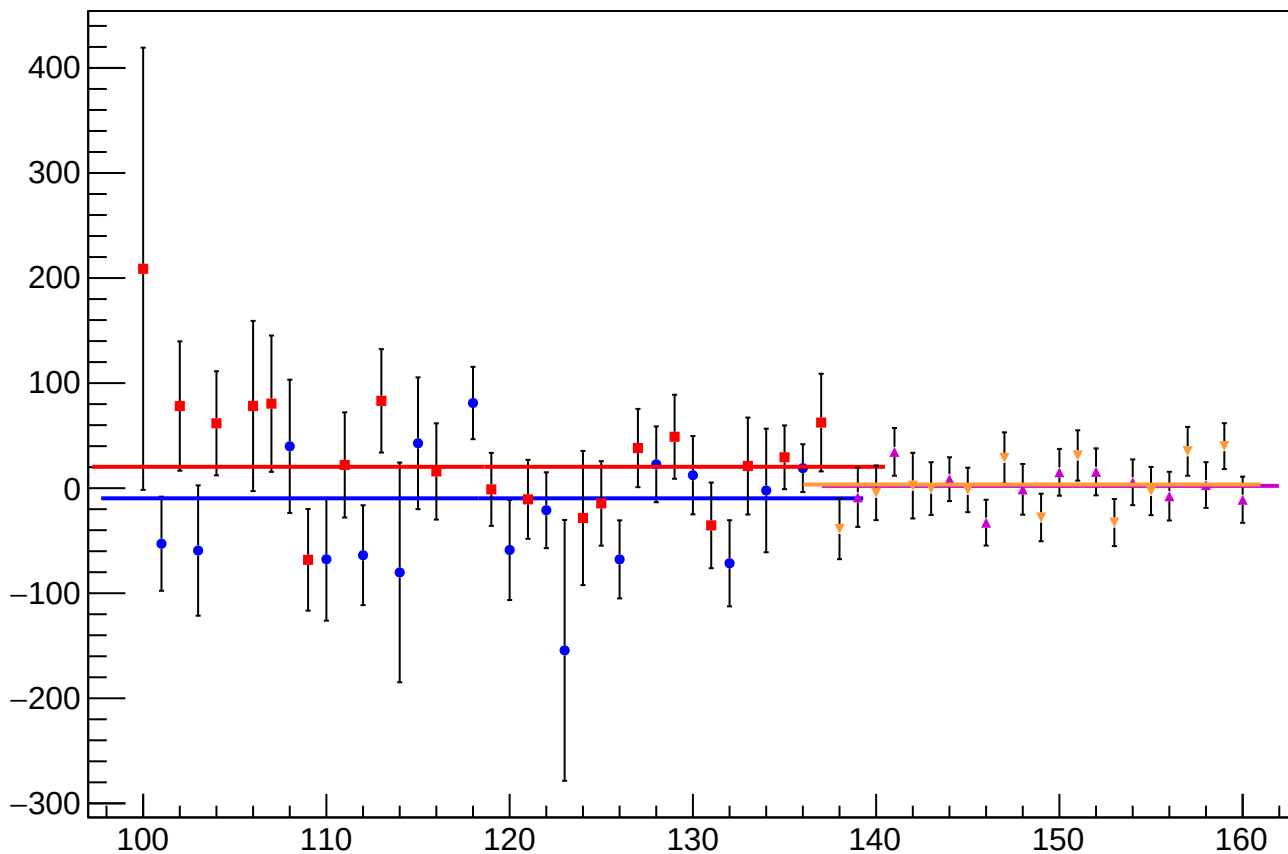
Right Out: 1351.096+/-0.365 χ^2/NDF : 421804.6/18

Left In: 759.414+/-0.183 χ^2/NDF : 580358.7/10

885.324+/-0.167 χ^2/NDF : 2759948.8/28

877.918+/-0.163 χ^2/NDF : 3102540.4/29

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669+/-10.408 χ^2/NDF : 22.6/16

Left Out: 3.454+/-6.940 χ^2/NDF : 14.0/11

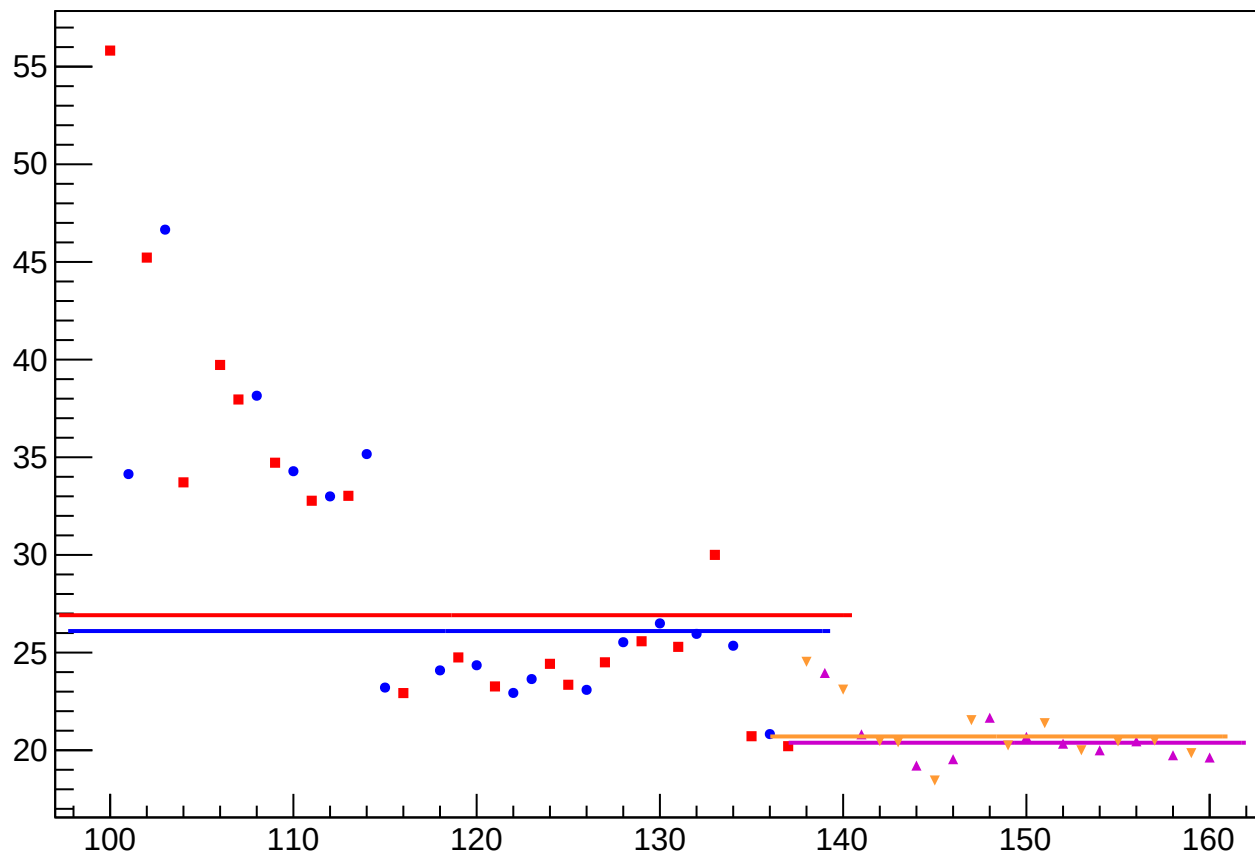
Right Out: 20.335+/-10.444 χ^2/NDF : 14.7/18

Left In: 2.205+/-6.820 χ^2/NDF : 6.1/10

-0.585+/-5.774 χ^2/NDF : 37.7/28

7.625+/-5.710 χ^2/NDF : 22.9/29

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103+/-0.007 χ^2/NDF : 604038.5/16

Left Out: 20.705+/-0.005 χ^2/NDF : 85652.8/11

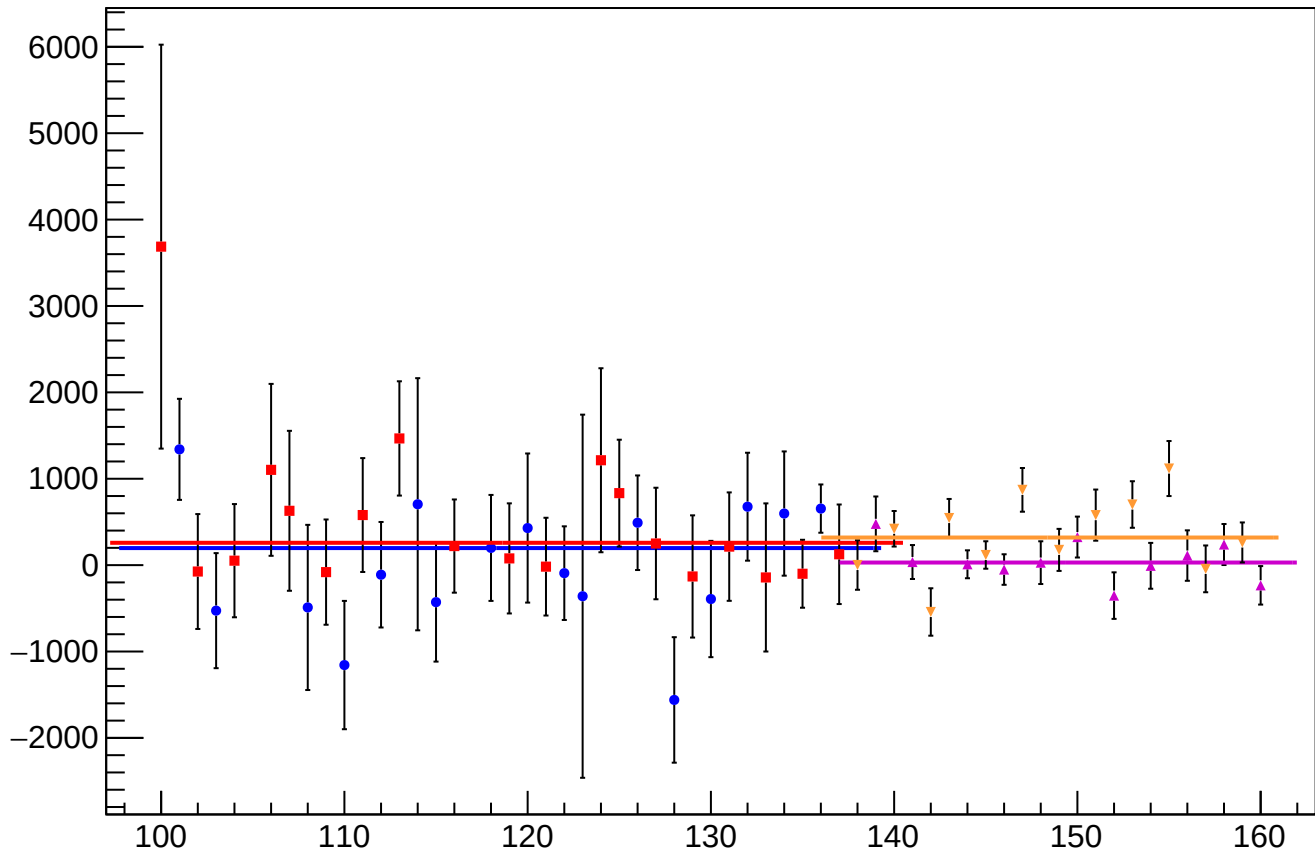
Right Out: 26.914+/-0.007 χ^2/NDF : 678970.2/18

Left In: 20.384+/-0.005 χ^2/NDF : 52912.3/10

22.367+/-0.004 χ^2/NDF : 1061993.4/28

22.336+/-0.004 χ^2/NDF : 1279981.0/29

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327 ± 147.883 χ^2/NDF : 21.0/16

Left Out: 319.609 ± 69.177 χ^2/NDF : 30.0/11

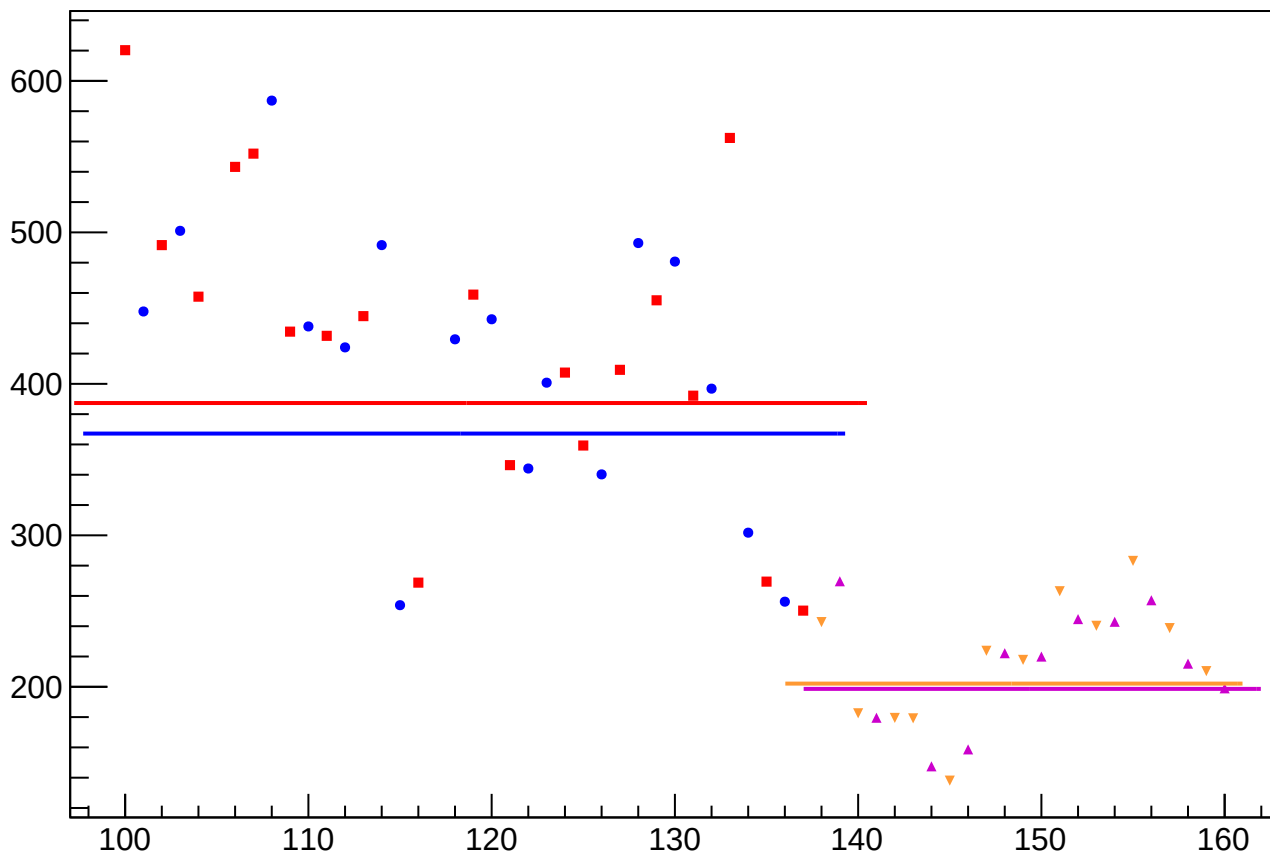
Right Out: 258.537 ± 149.867 χ^2/NDF : 10.7/18

Left In: 30.046 ± 67.745 χ^2/NDF : 8.1/10

297.655 ± 62.660 χ^2/NDF : 51.5/28

68.813 ± 61.731 χ^2/NDF : 20.7/29

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 202.113 $\pm$ 0.049 χ^2 /NDF: 734772.1/11

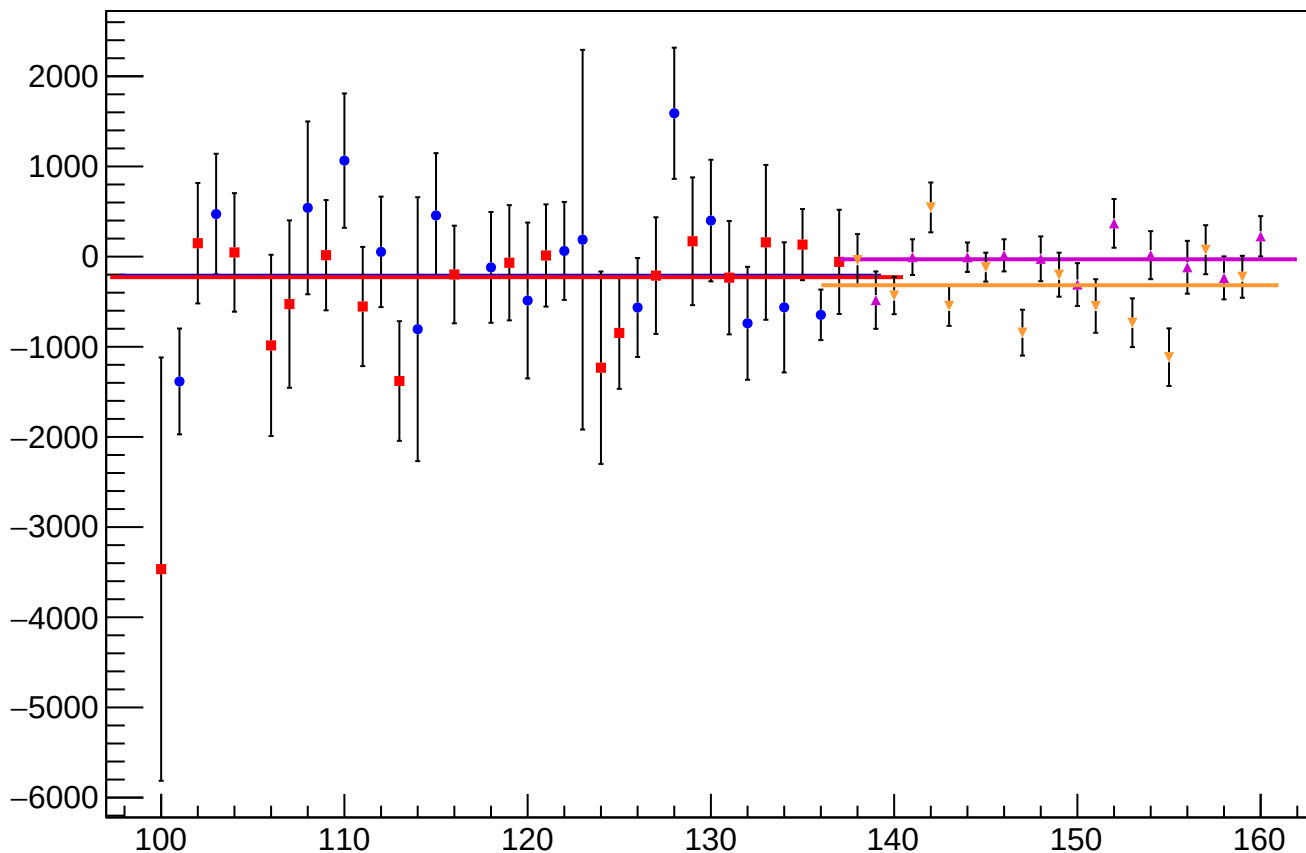
Right Out: 387.344 $\pm$ 0.106 χ^2 /NDF: 774562.4/18

Left In: 198.623 $\pm$ 0.048 χ^2 /NDF: 660222.4/10

231.748 $\pm$ 0.044 χ^2 /NDF: 3606367.9/28

230.643 $\pm$ 0.044 χ^2 /NDF: 4068128.2/29

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859 ± 148.316 χ^2/NDF : 21.0/16

Left Out: -317.607 ± 69.585 χ^2/NDF : 29.6/11

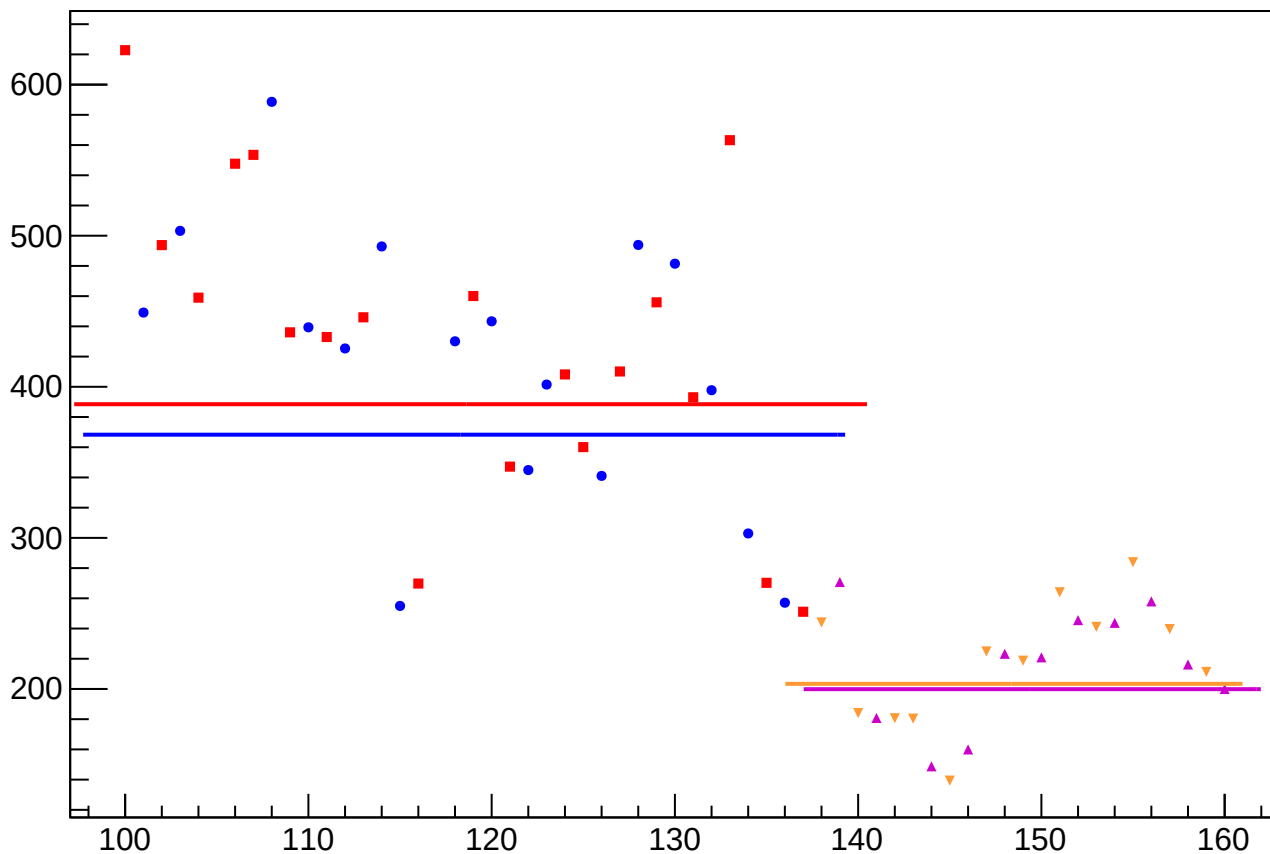
Right Out: -227.831 ± 150.317 χ^2/NDF : 10.1/18

Left In: -29.574 ± 68.140 χ^2/NDF : 7.8/10

-298.529 ± 62.996 χ^2/NDF : 51.0/28

-63.369 ± 62.061 χ^2/NDF : 19.3/29

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 $\pm$ 0.105 χ^2/NDF : 824619.2/16

Left Out: 203.399 $\pm$ 0.049 χ^2/NDF : 720489.7/11

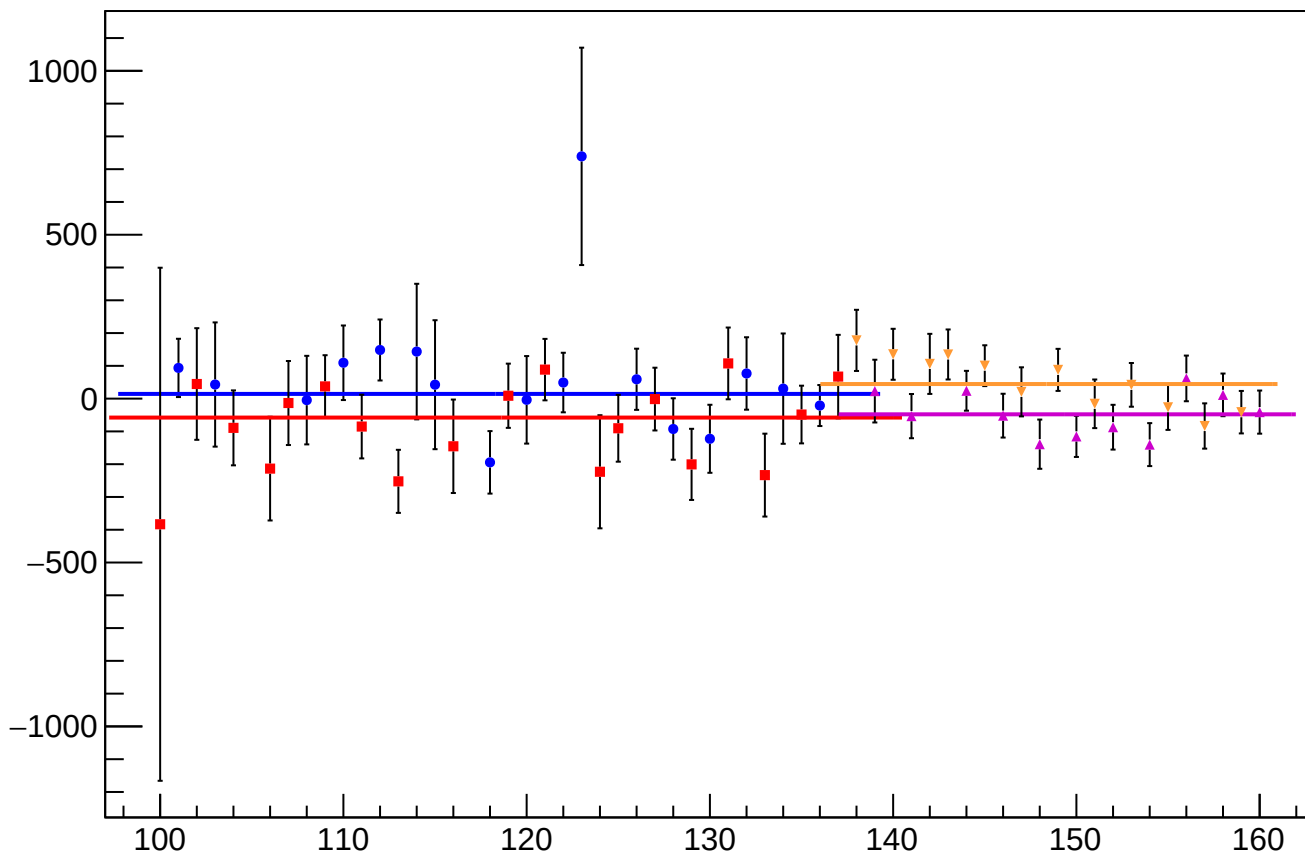
Right Out: 388.472 $\pm$ 0.106 χ^2/NDF : 774717.2/18

Left In: 199.866 $\pm$ 0.048 χ^2/NDF : 647266.6/10

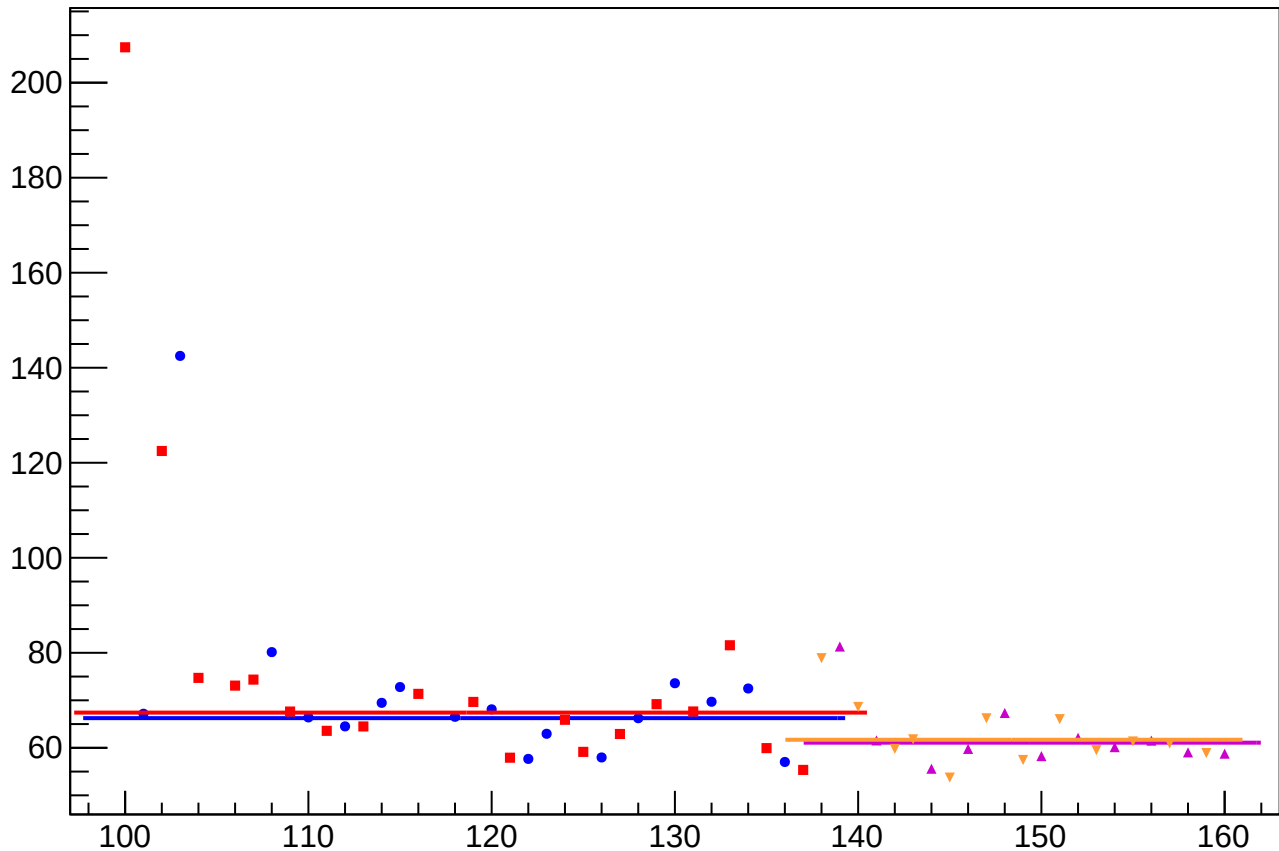
233.148 $\pm$ 0.045 χ^2/NDF : 3571437.7/28

232.017 $\pm$ 0.044 χ^2/NDF : 4033926.4/29

reg_asym_sam_12345678_avg_mean vs Slug



reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 61.701+/-0.015 χ^2/NDF : 146274.2/11

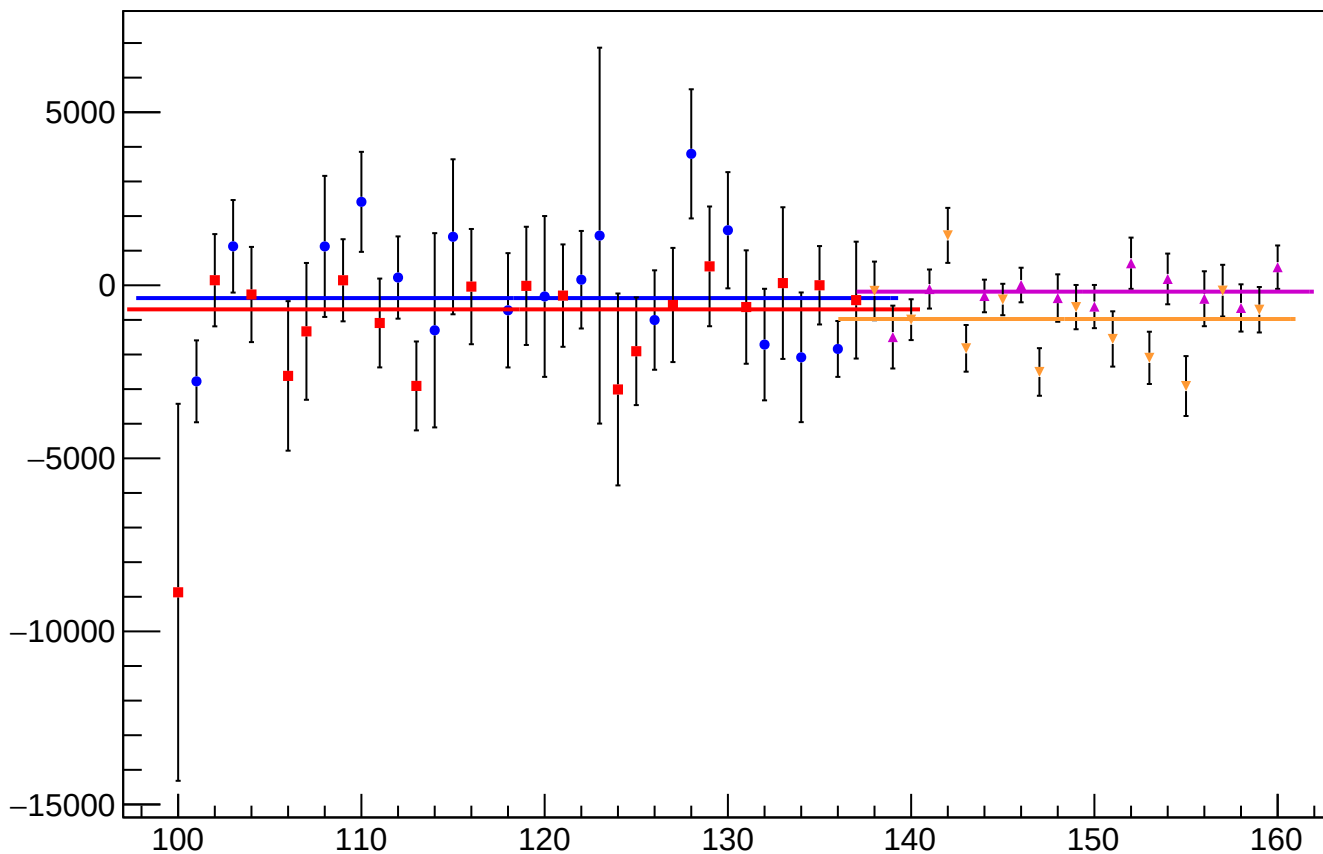
Right Out: 67.415+/-0.018 χ^2/NDF : 393608.5/18

Left In: 61.084+/-0.015 χ^2/NDF : 129856.1/10

63.445+/-0.012 χ^2/NDF : 623959.1/28

63.499+/-0.011 χ^2/NDF : 596137.0/29

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -973.825+/-195.257 χ^2/NDF : 27.6/11

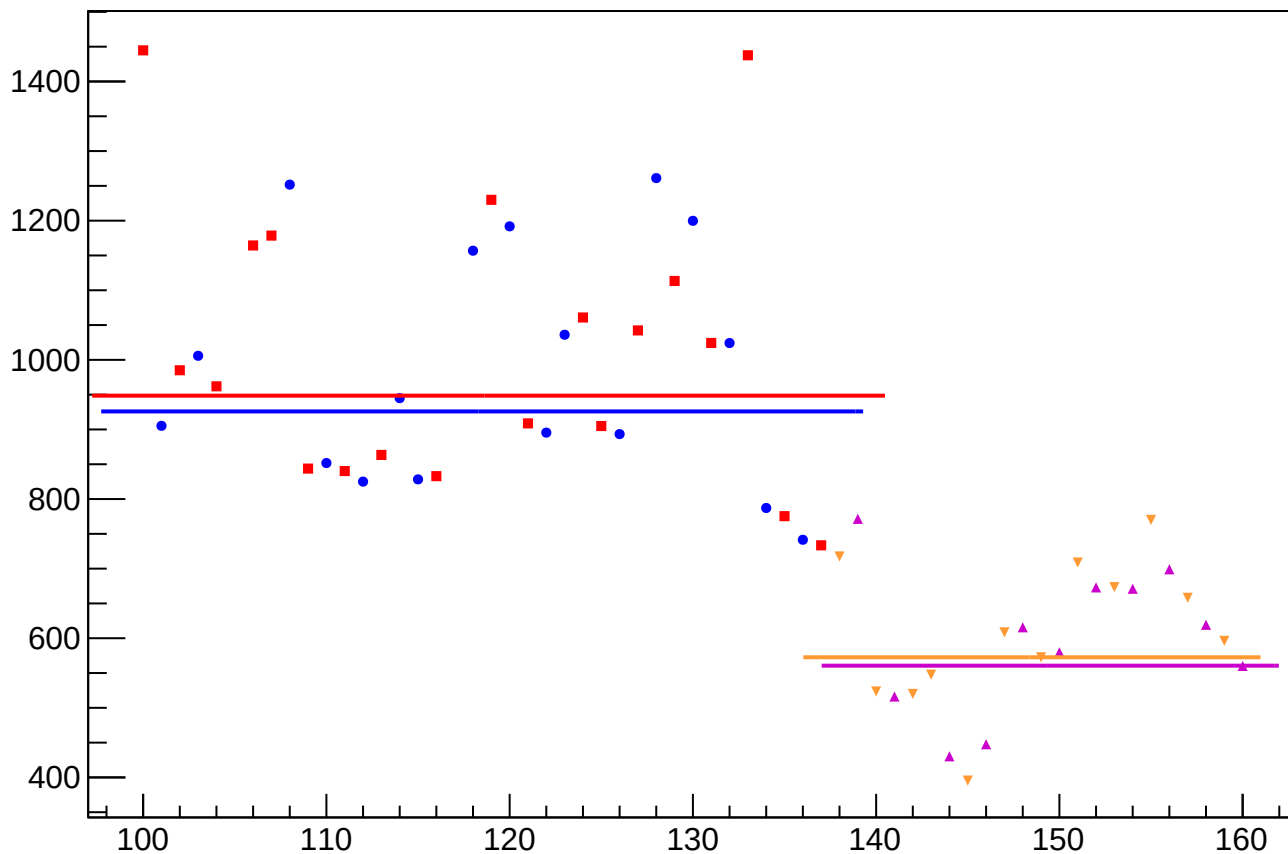
Right Out: -695.425+/-361.887 χ^2/NDF : 9.9/18

Left In: -183.806+/-190.608 χ^2/NDF : 6.2/10

-840.191+/-172.319 χ^2/NDF : 52.0/28

-294.914+/-168.645 χ^2/NDF : 17.7/29

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2 /NDF: 391084.5/16

Left Out: 572.643 $\pm$ 0.138 χ^2 /NDF: 620583.1/11

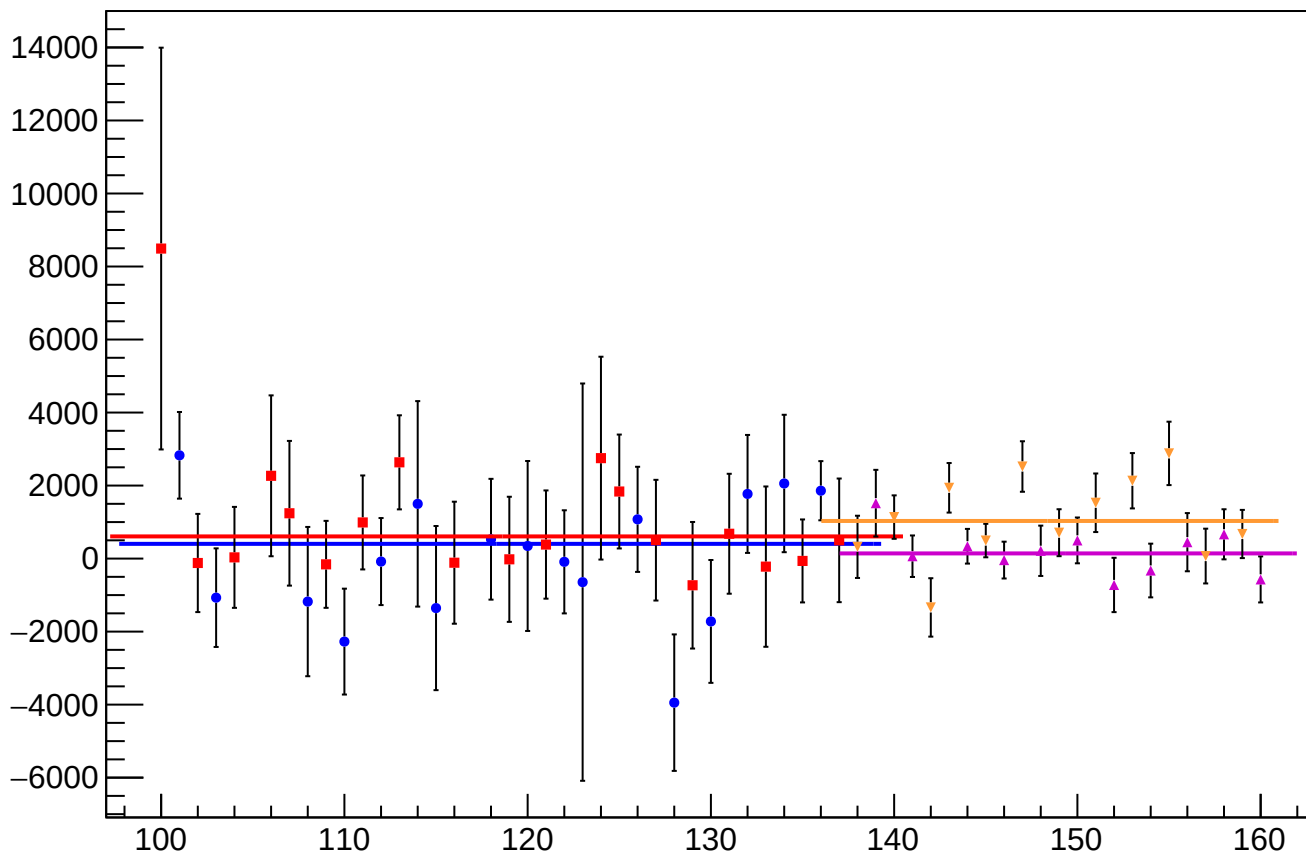
Right Out: 948.553 $\pm$ 0.256 χ^2 /NDF: 381931.9/18

Left In: 560.566 $\pm$ 0.135 χ^2 /NDF: 557608.2/10

650.761 $\pm$ 0.122 χ^2 /NDF: 2459243.4/28

644.825 $\pm$ 0.119 χ^2 /NDF: 2739176.5/29

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591 ± 367.686 $\chi^2/\text{NDF}: 22.4/16$

Left Out: 1030.450 ± 196.514 $\chi^2/\text{NDF}: 26.5/11$

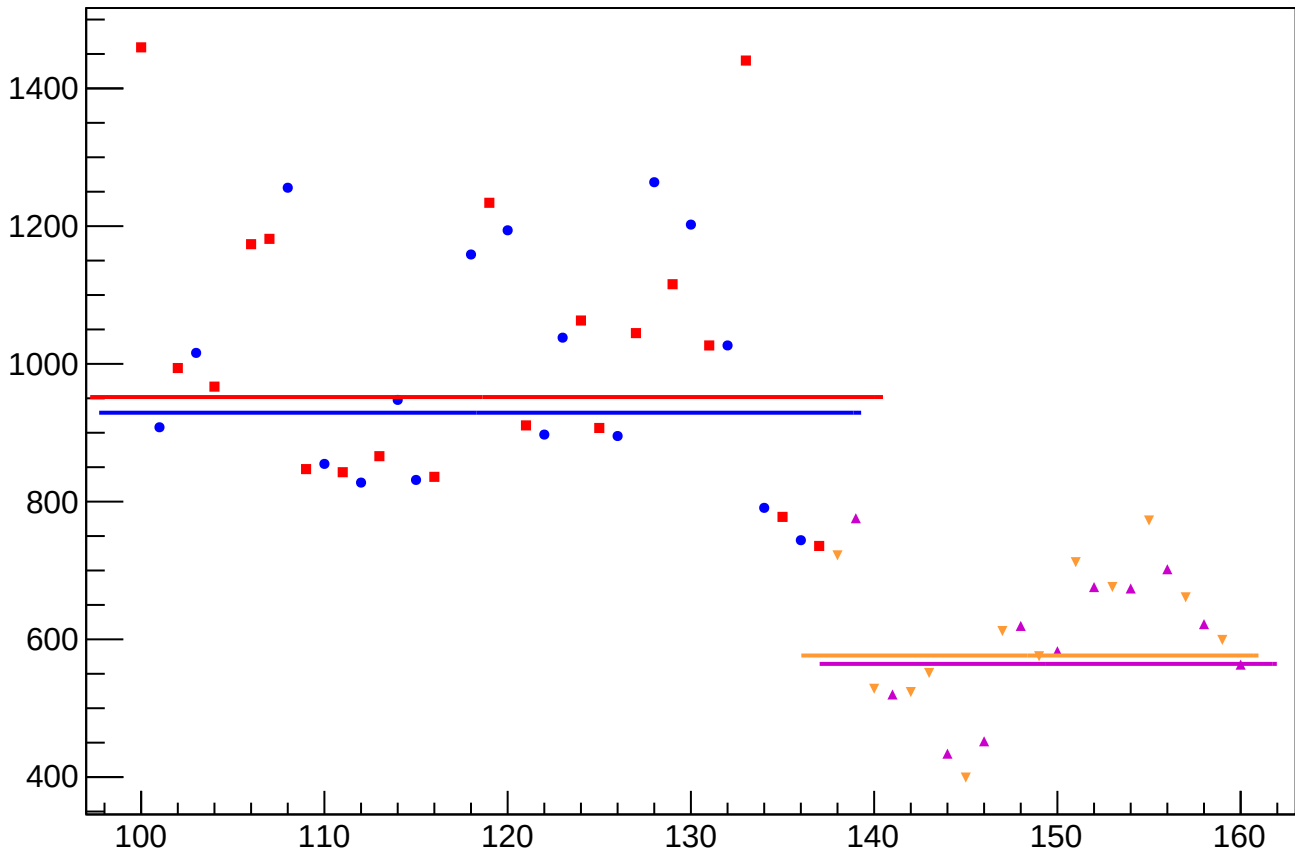
Right Out: 607.276 ± 363.327 $\chi^2/\text{NDF}: 8.8/18$

Left In: 141.712 ± 191.840 $\chi^2/\text{NDF}: 6.7/10$

891.172 ± 173.313 $\chi^2/\text{NDF}: 51.2/28$

243.211 ± 169.644 $\chi^2/\text{NDF}: 16.8/29$

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096 $\pm$ 0.260 χ^2 /NDF: 390292.1/16

Left Out: 576.535 $\pm$ 0.139 χ^2 /NDF:608427.7/11

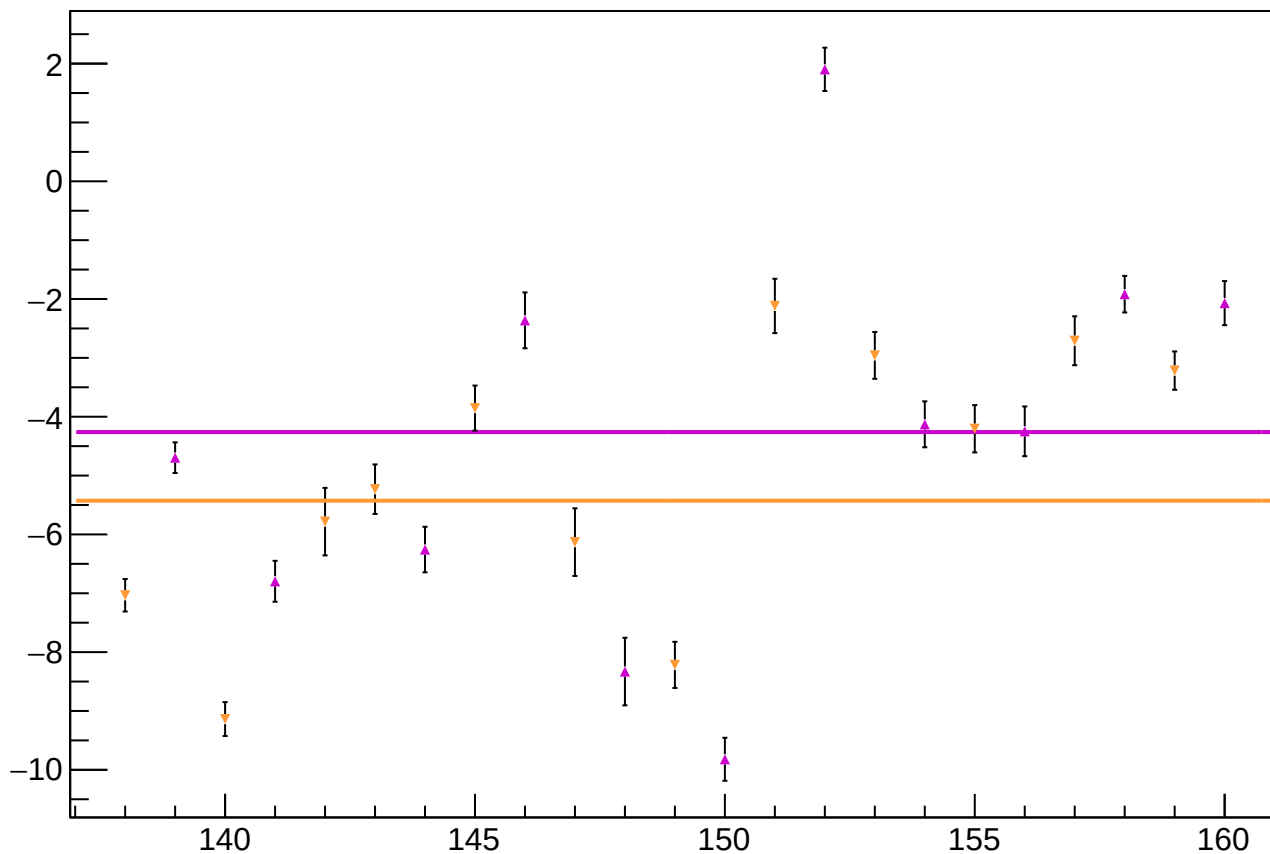
Right Out: 951.847 $\pm$ 0.257 χ^2 /NDF: 382219.3/18

Left In: 564.379 $\pm$ 0.136 χ^2 /NDF:546920.4/10

654.868 $\pm$ 0.123 χ^2 /NDF: 2429008.8/28

648.852 $\pm$ 0.120 χ^2 /NDF: 2707846.4/29

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.427+/-0.110 χ^2/NDF : 457.1/11

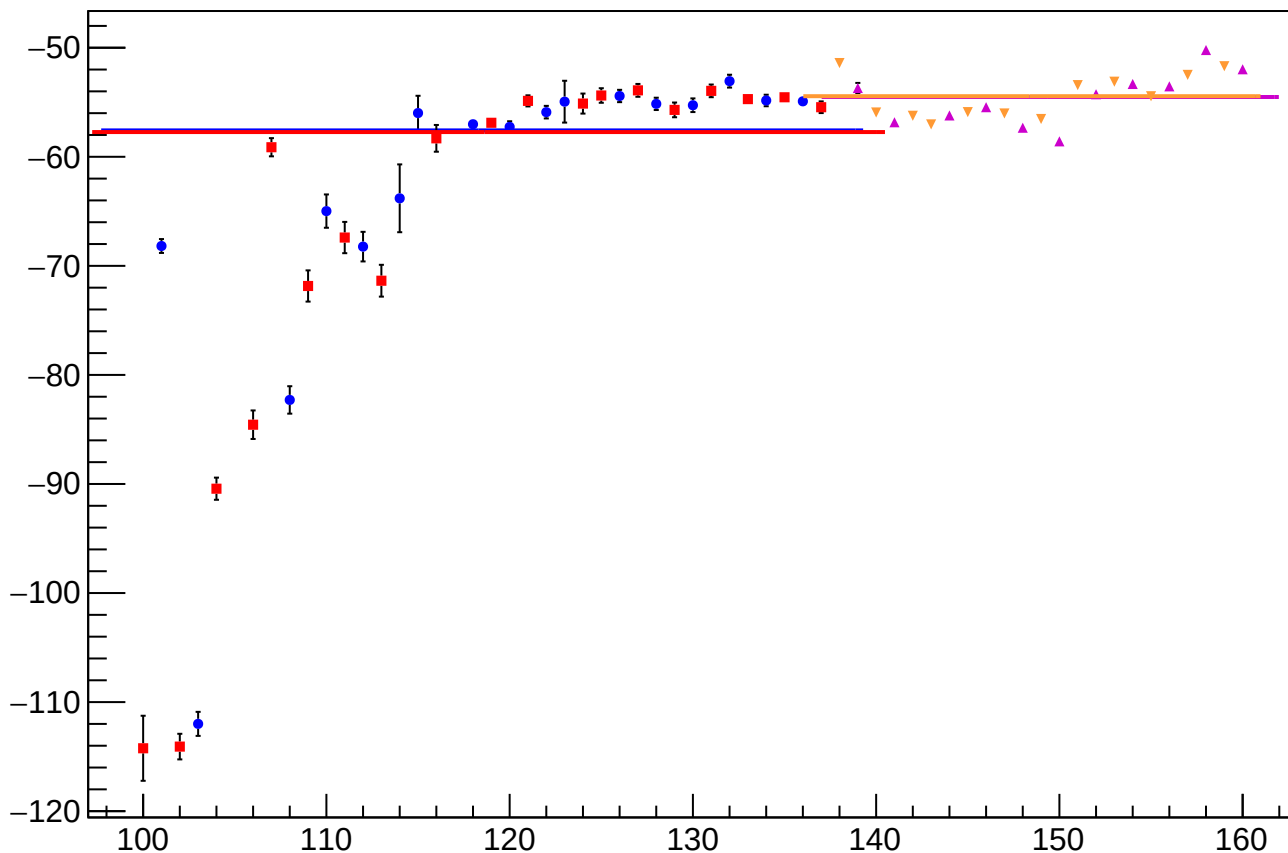
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.261+/-0.111 χ^2/NDF : 751.0/10

-5.427+/-0.110 χ^2/NDF : 457.1/11

-4.261+/-0.111 χ^2/NDF : 751.0/10

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 $\chi^2/\text{NDF}: 3455.5/16$

Left Out: -54.444 ± 0.081 $\chi^2/\text{NDF}: 578.5/11$

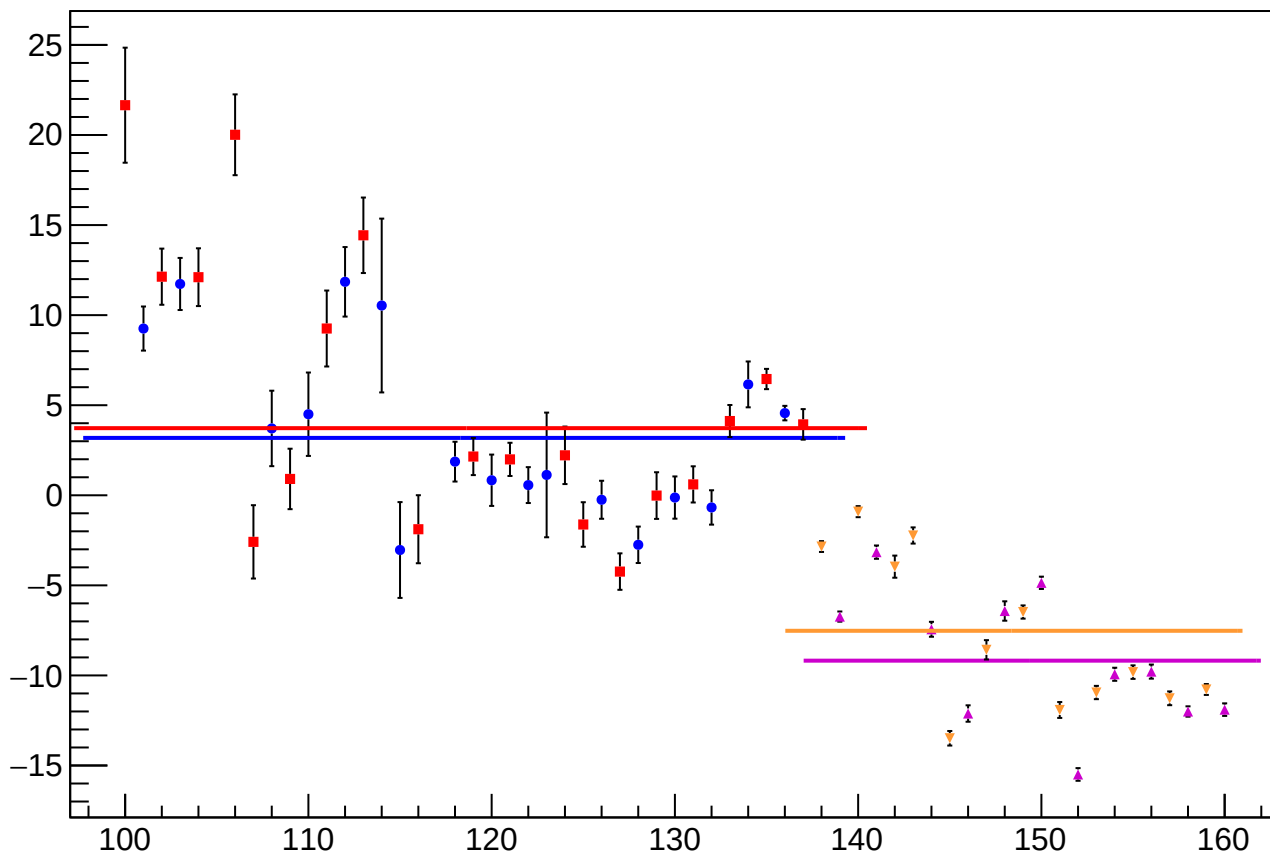
Right Out: -57.732 ± 0.143 $\chi^2/\text{NDF}: 4698.5/18$

Left In: -54.518 ± 0.082 $\chi^2/\text{NDF}: 1031.8/10$

-55.202 ± 0.070 $\chi^2/\text{NDF}: 4398.6/28$

-55.316 ± 0.071 $\chi^2/\text{NDF}: 6110.3/29$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185 ± 0.259 $\chi^2/\text{NDF}: 185.8/16$

Left Out: -5.903 ± 0.109 $\chi^2/\text{NDF}: 1544.0/11$

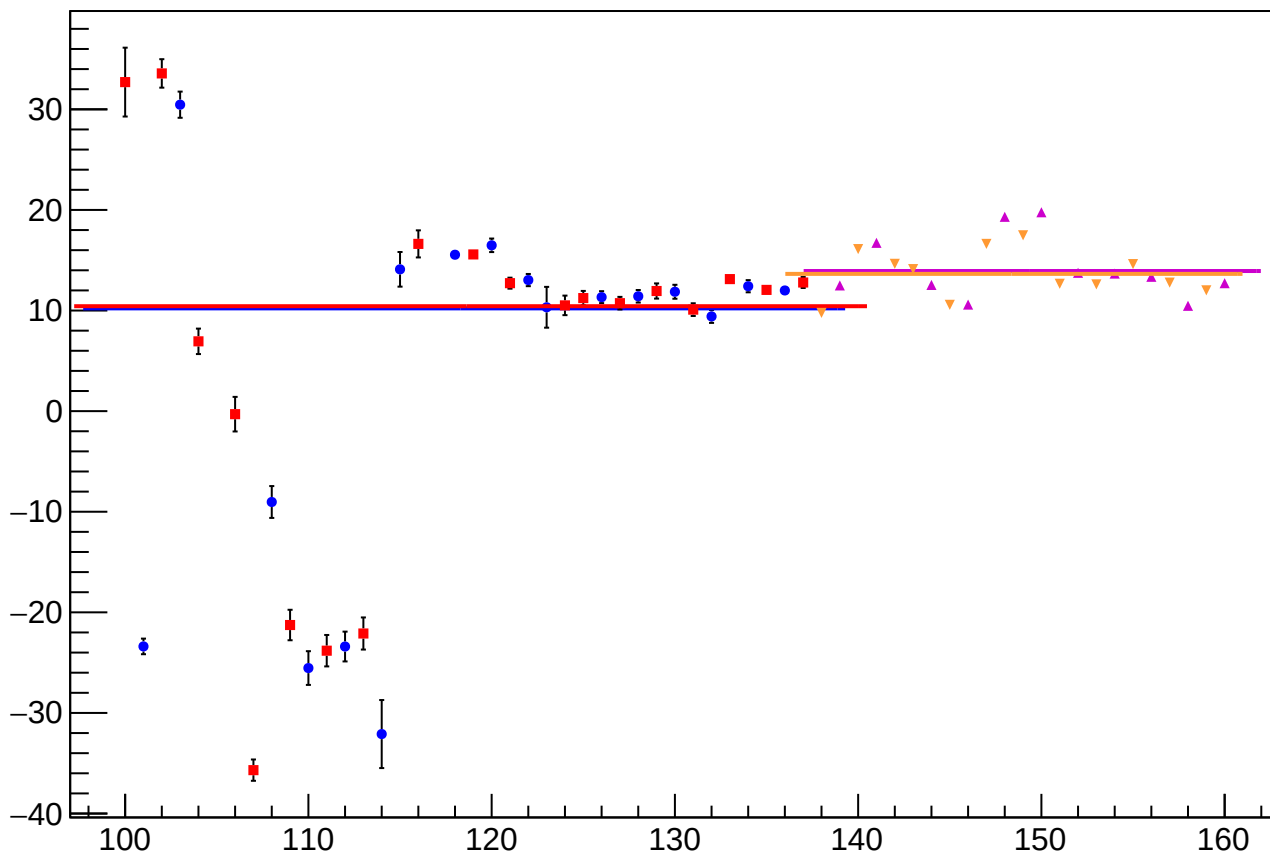
Right Out: 3.726 ± 0.268 $\chi^2/\text{NDF}: 324.1/18$

Left In: -9.180 ± 0.108 $\chi^2/\text{NDF}: 1070.8/10$

-5.903 ± 0.101 $\chi^2/\text{NDF}: 3180.6/28$

-7.358 ± 0.101 $\chi^2/\text{NDF}: 3393.6/29$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215+/-0.158 χ^2 /NDF: 3692.6/16

Left Out: 13.644+/-0.094 χ^2 /NDF:572.1/11

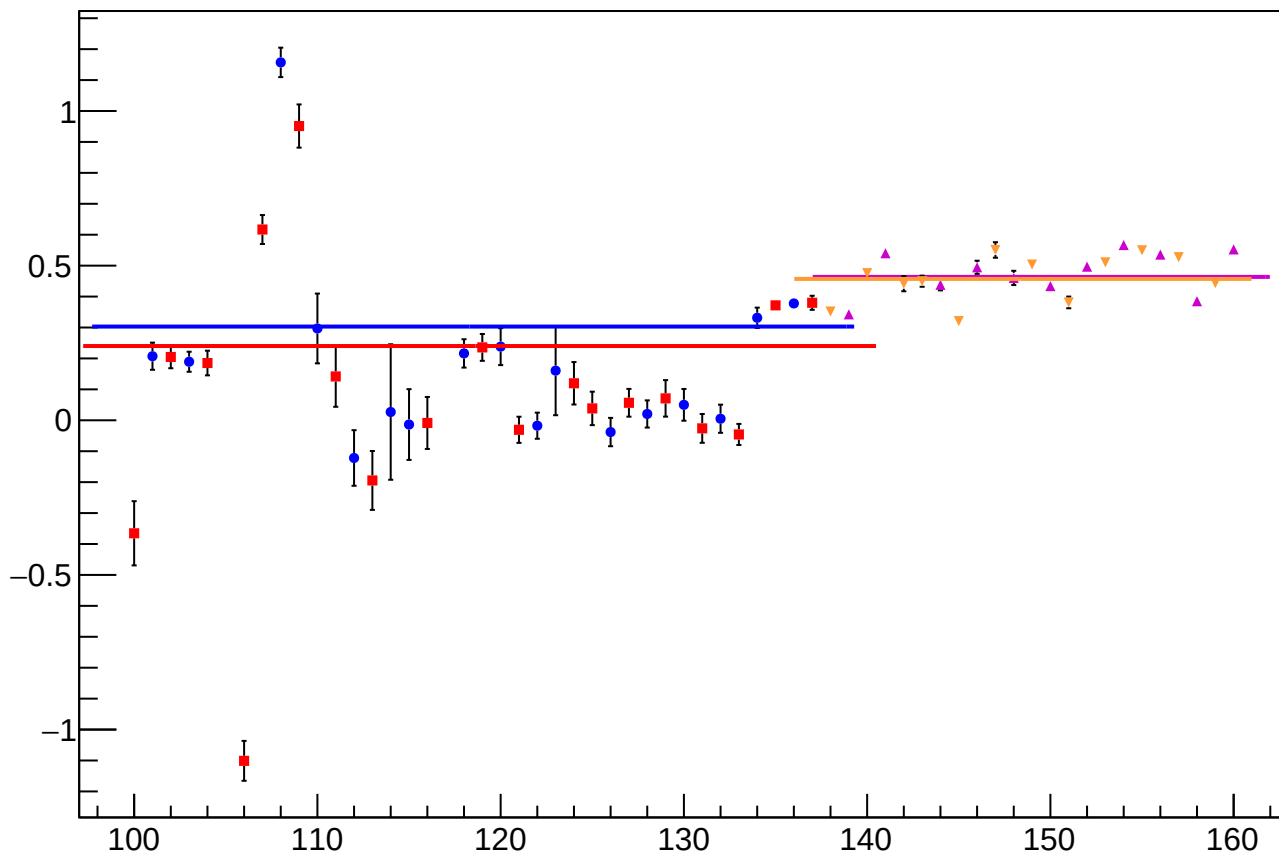
Right Out: 10.430+/-0.160 χ^2 /NDF: 3826.9/18

Left In: 13.929+/-0.094 χ^2 /NDF:1047.1/10

12.744+/-0.081 χ^2 /NDF: 4611.7/28

13.028+/-0.081 χ^2 /NDF: 5228.9/29

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.3/16

Left Out: 0.457 $\pm$ 0.004 χ^2 /NDF: 297.9/11

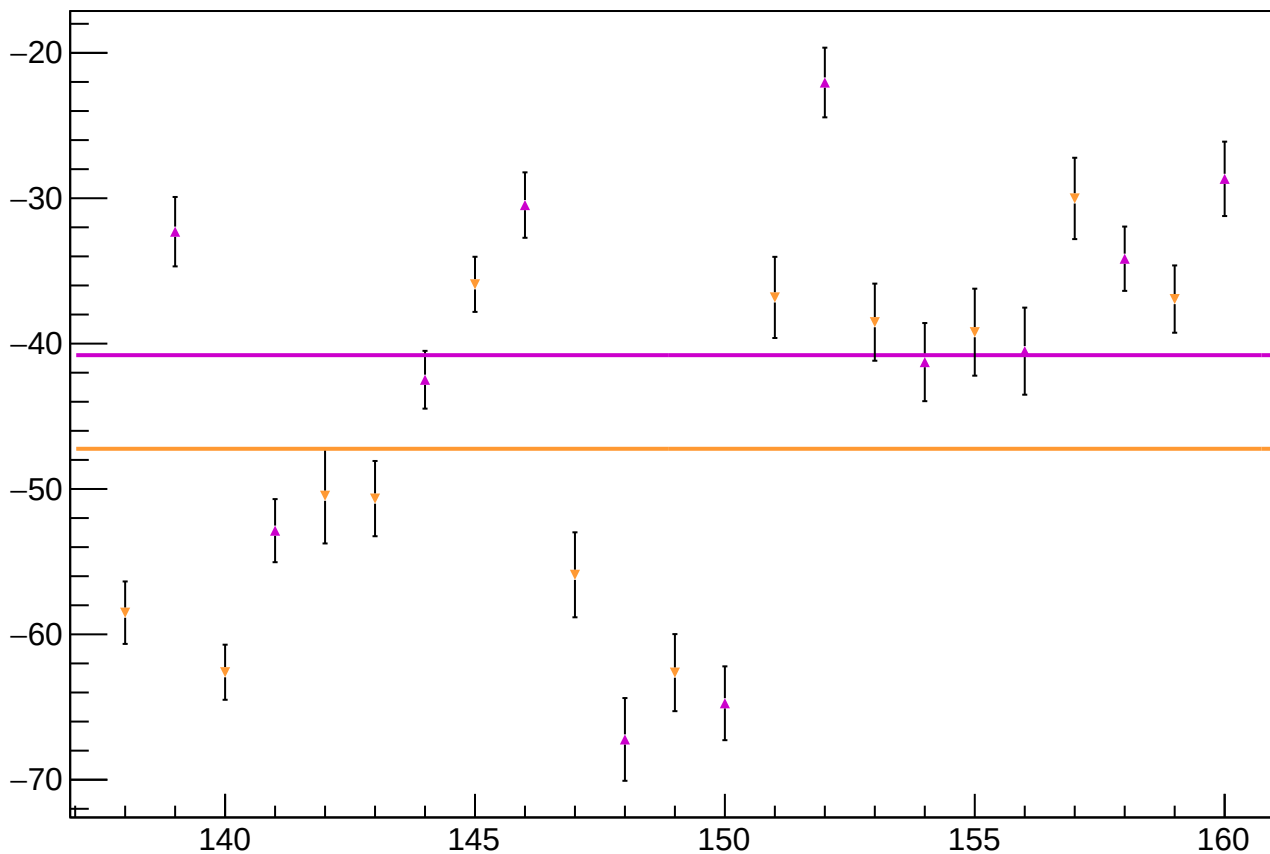
Right Out: 0.240 $\pm$ 0.009 χ^2 /NDF: 984.4/18

Left In: 0.464 $\pm$ 0.004 χ^2 /NDF: 393.4/10

0.425 $\pm$ 0.004 χ^2 /NDF: 1222.9/28

0.422 $\pm$ 0.004 χ^2 /NDF: 1935.7/29

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -47.235+/-0.712 χ^2/NDF : 263.8/11

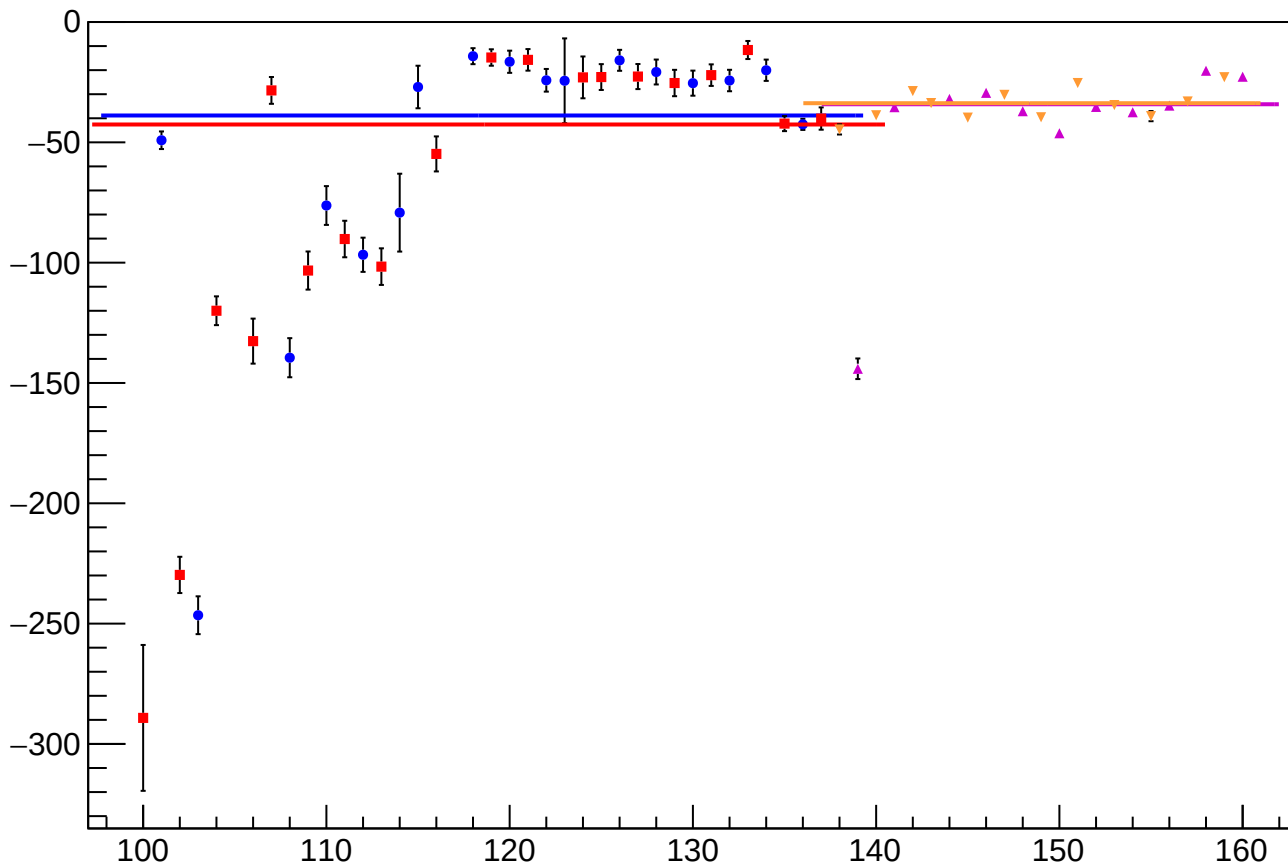
-47.235+/-0.712 χ^2/NDF : 263.8/11

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

-40.795+/-0.726 χ^2/NDF : 333.3/10

Left In: -40.795+/-0.726 χ^2/NDF : 333.3/10

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

Left Out: -33.738 ± 0.498 $\chi^2/\text{NDF}: 155.9/11$

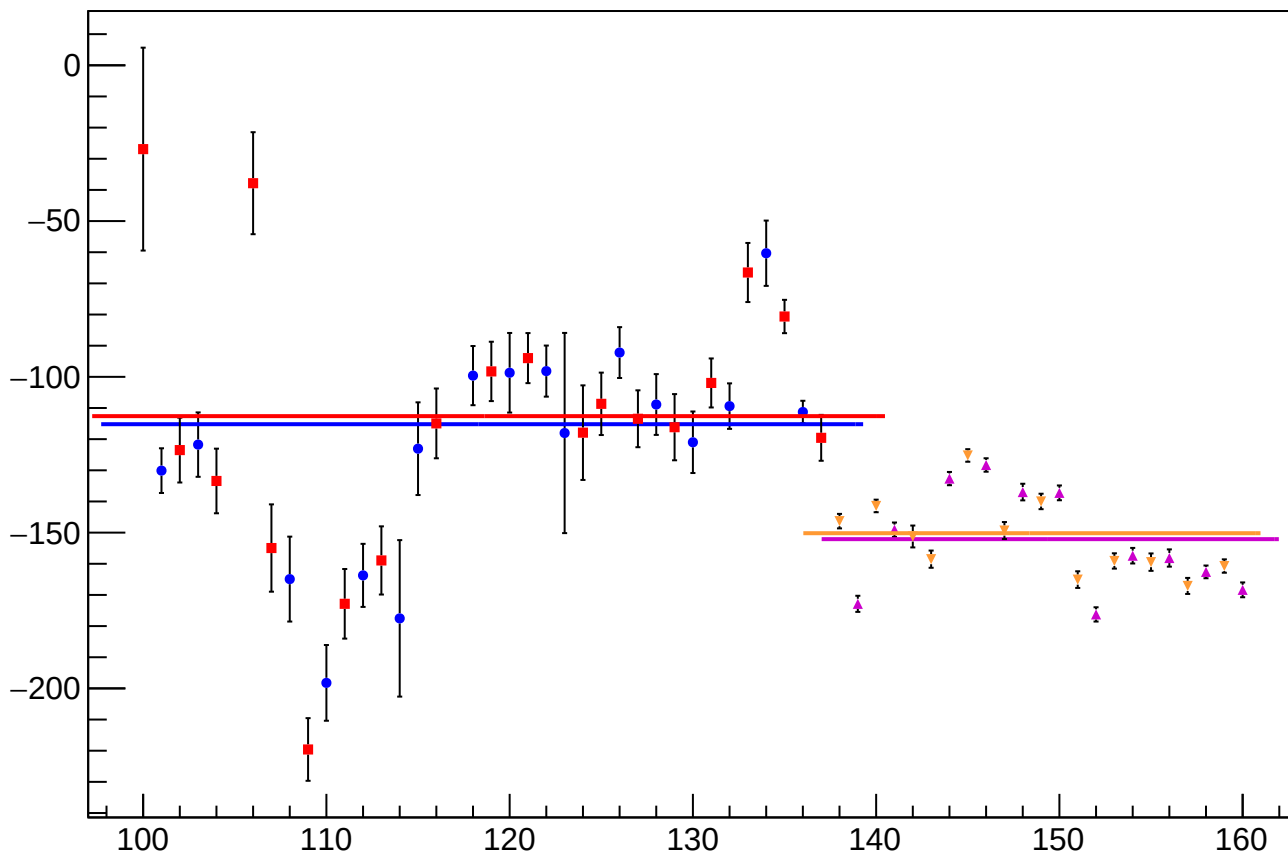
Right Out: -42.586 ± 1.210 $\chi^2/\text{NDF}: 1345.7/18$

Left In: -34.174 ± 0.502 $\chi^2/\text{NDF}: 861.1/10$

-34.546 ± 0.457 $\chi^2/\text{NDF}: 1294.4/28$

-35.408 ± 0.463 $\chi^2/\text{NDF}: 2248.0/29$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -150.187 ± 0.710 $\chi^2/\text{NDF}: 323.3/11$

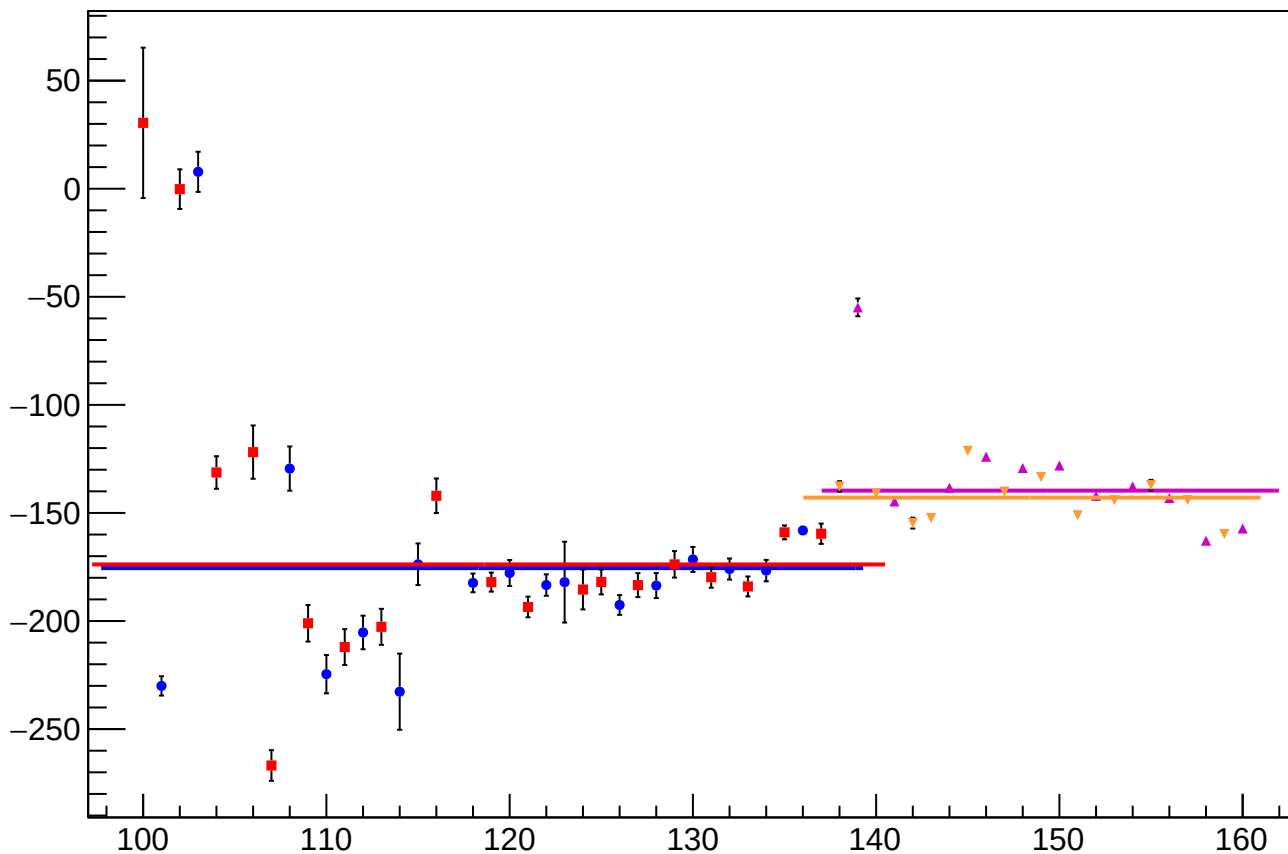
Right Out: -112.611 ± 2.209 $\chi^2/\text{NDF}: 272.4/18$

Left In: -152.095 ± 0.709 $\chi^2/\text{NDF}: 535.8/10$

-146.544 ± 0.672 $\chi^2/\text{NDF}: 717.2/28$

-148.405 ± 0.675 $\chi^2/\text{NDF}: 1097.8/29$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 $\pm$ 1.277 χ^2/NDF : 692.3/16

Left Out: -142.895 $\pm$ 0.593 χ^2/NDF : 343.9/11

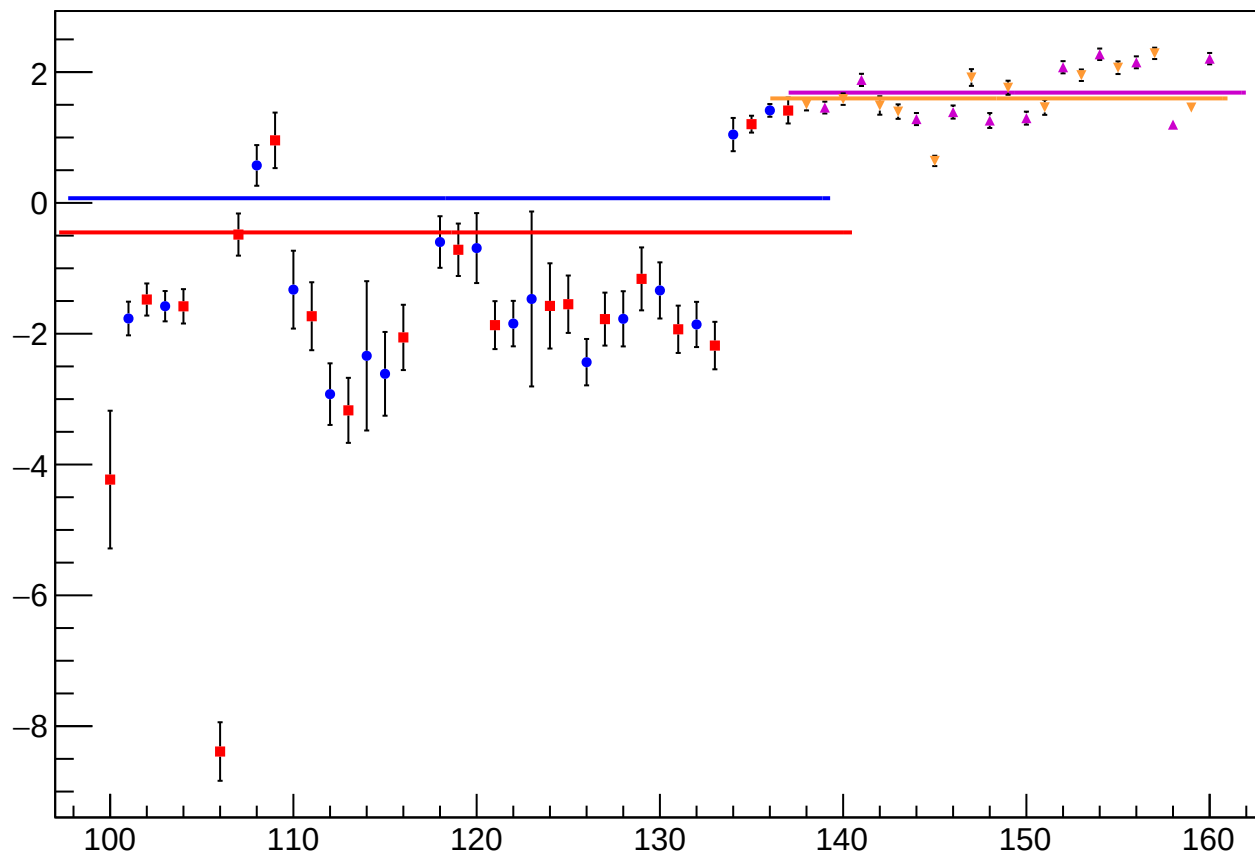
Right Out: -173.830 $\pm$ 1.357 χ^2/NDF : 737.9/18

Left In: -139.666 $\pm$ 0.591 χ^2/NDF : 878.8/10

-148.681 $\pm$ 0.538 χ^2/NDF : 1573.1/28

-145.119 $\pm$ 0.542 χ^2/NDF : 2149.7/29

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.598 ± 0.028 χ^2/NDF : 266.8/11

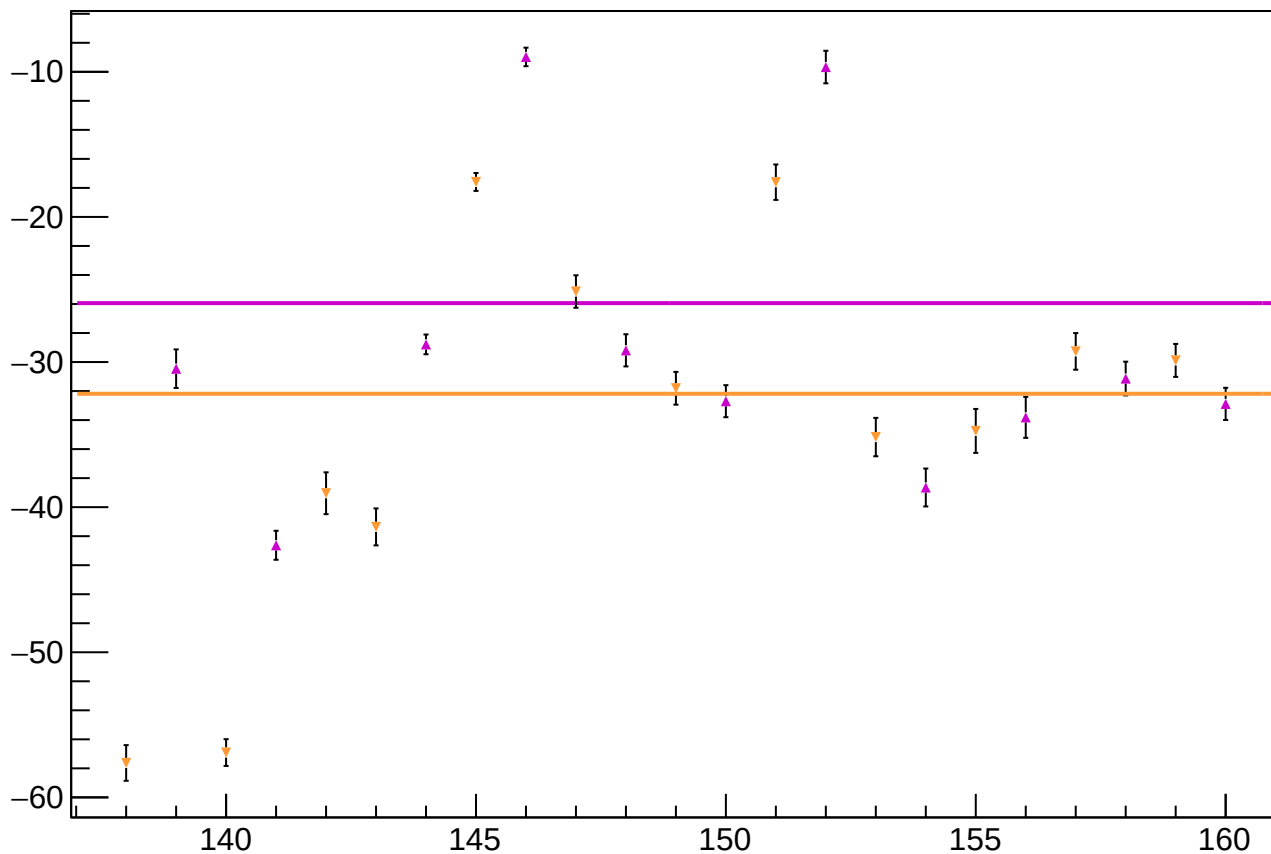
Right Out: -0.451 ± 0.071 χ^2/NDF : 751.3/18

Left In: 1.686 ± 0.028 χ^2/NDF : 235.9/10

1.375 ± 0.026 χ^2/NDF : 1233.2/28

1.408 ± 0.026 χ^2/NDF : 1768.2/29

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.187+/-0.313 χ^2/NDF :1980.0/11

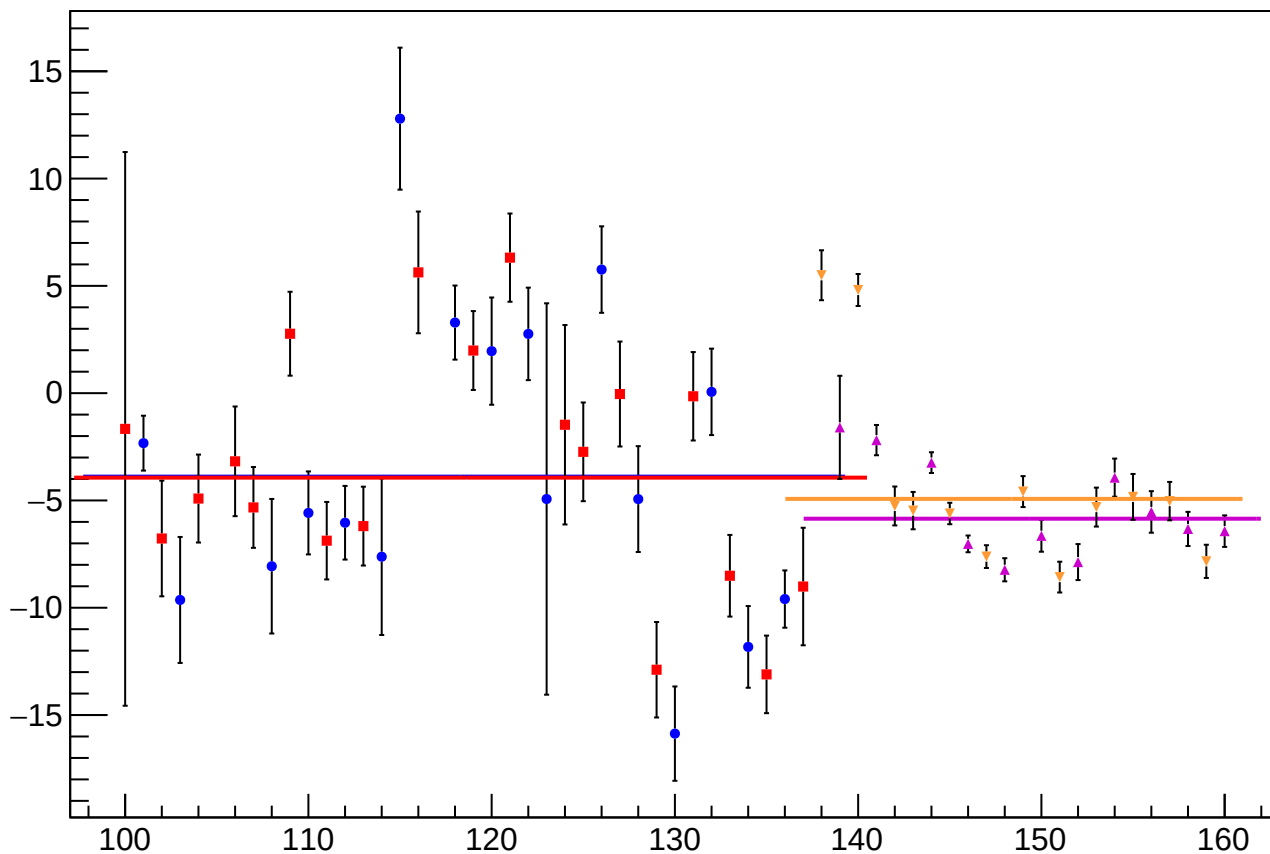
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.939+/-0.298 χ^2/NDF :1456.0/10

-32.187+/-0.313 χ^2/NDF : 1980.0/11

-25.939+/-0.298 χ^2/NDF : 1456.0/10

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.890+/-0.498 χ^2/NDF : 160.5/16

Left Out: -4.927+/-0.216 χ^2/NDF : 319.2/11

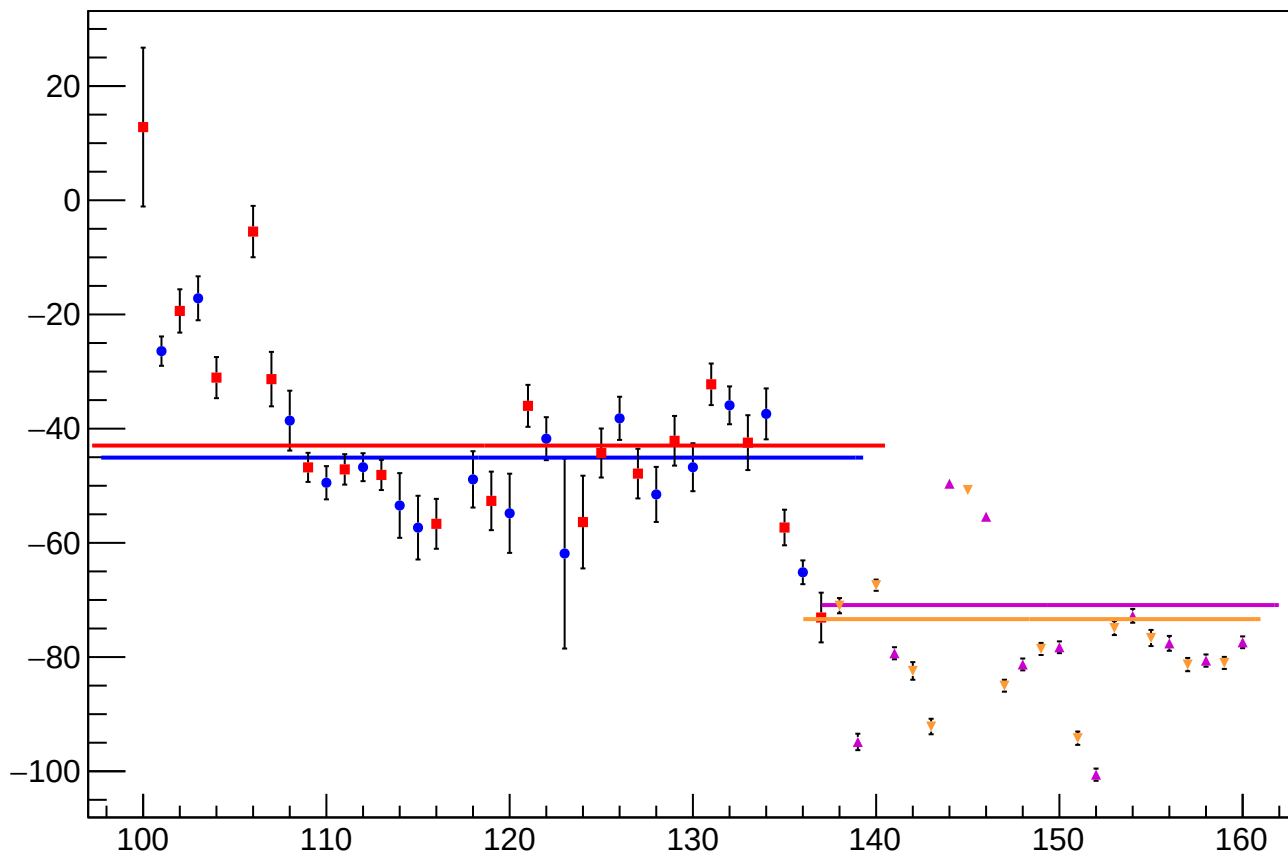
Right Out: -3.937+/-0.507 χ^2/NDF : 122.2/18

Left In: -5.851+/-0.198 χ^2/NDF : 100.5/10

-4.764+/-0.198 χ^2/NDF : 483.3/28

-5.597+/-0.185 χ^2/NDF : 235.0/29

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -73.354 ± 0.313 χ^2/NDF : 2028.9/11

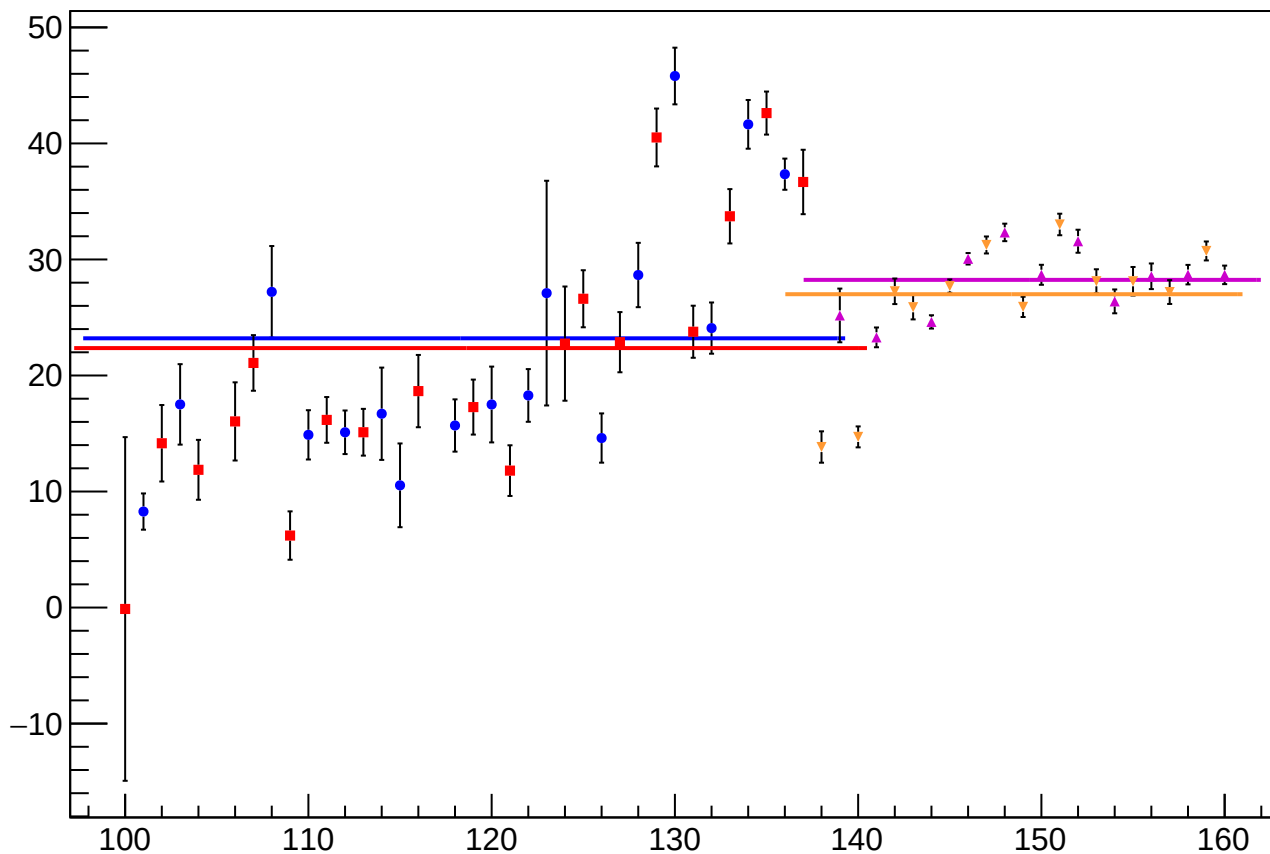
Right Out: -42.959 ± 0.878 χ^2/NDF : 248.3/18

Left In: -70.895 ± 0.292 χ^2/NDF : 2898.2/10

-70.207 ± 0.295 χ^2/NDF : 3169.8/28

-68.111 ± 0.277 χ^2/NDF : 4058.3/29

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

Left Out: 27.005 $\pm$ 0.259 χ^2 /NDF:383.1/11

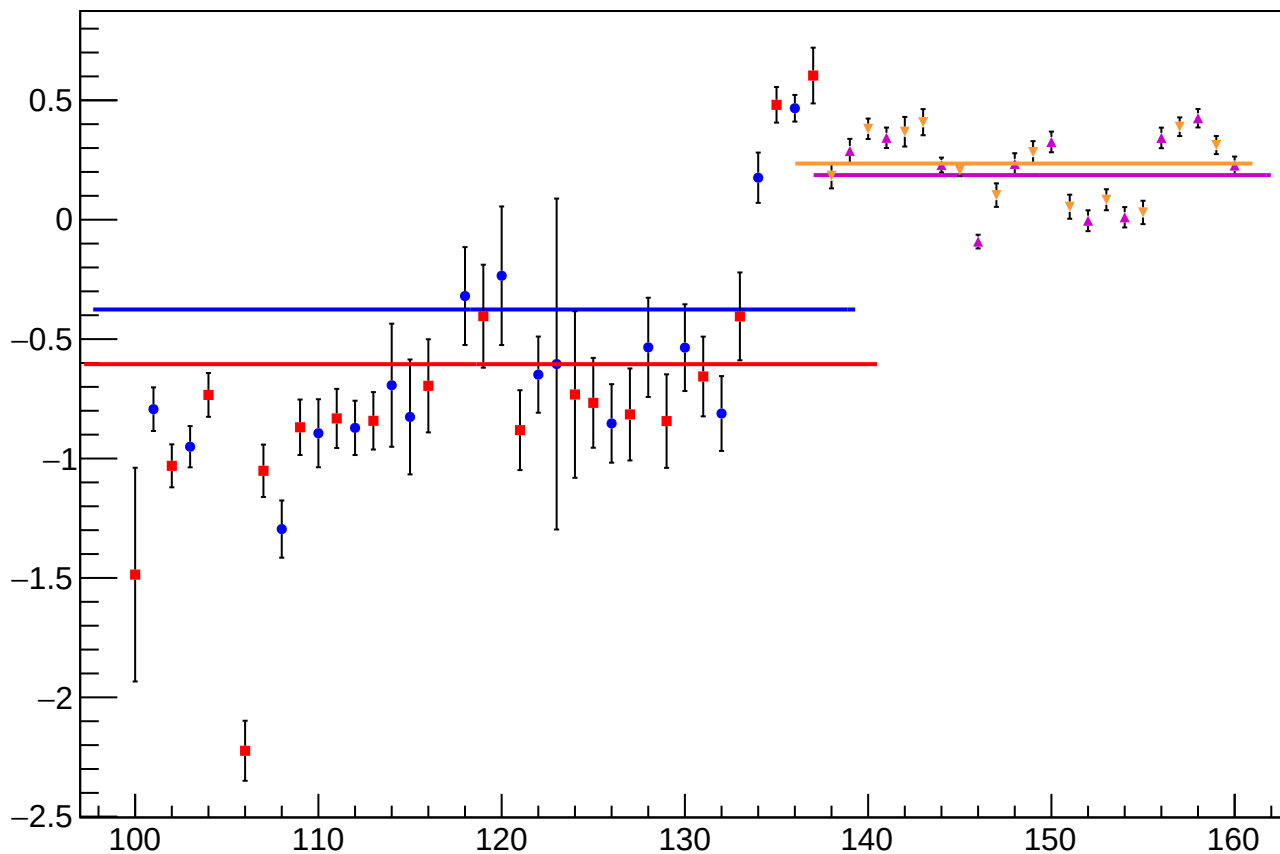
Right Out: 22.361 $\pm$ 0.573 χ^2 /NDF: 366.9/18

Left In: 28.241 $\pm$ 0.239 χ^2 /NDF:133.7/10

26.333 $\pm$ 0.235 χ^2 /NDF: 878.4/28

27.371 $\pm$ 0.220 χ^2 /NDF: 590.5/29

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.235 ± 0.012 $\chi^2/\text{NDF}: 98.6/11$

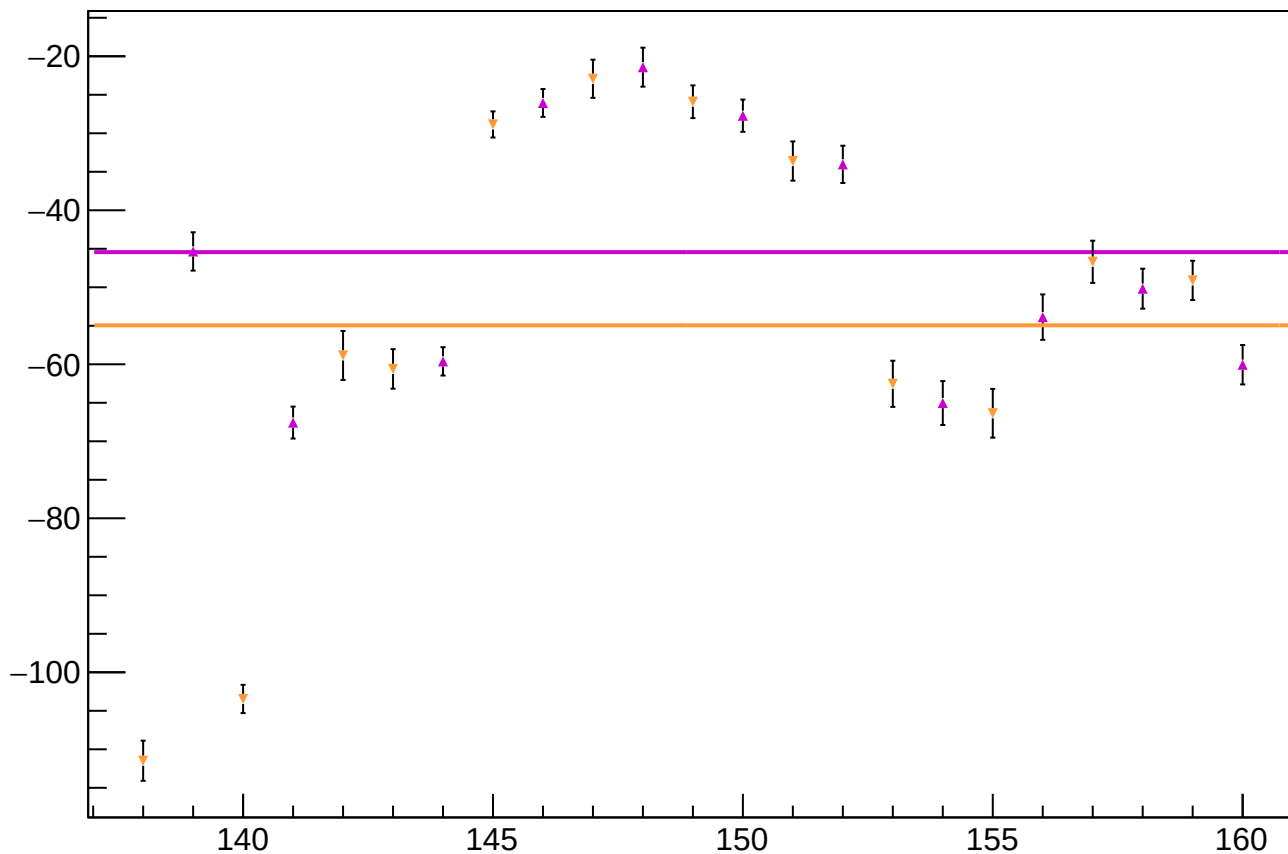
Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.1/18$

Left In: 0.187 ± 0.012 $\chi^2/\text{NDF}: 213.3/10$

0.147 ± 0.011 $\chi^2/\text{NDF}: 888.4/28$

0.082 ± 0.011 $\chi^2/\text{NDF}: 1360.0/29$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -54.939+/-0.693 χ^2/NDF :1873.5/11

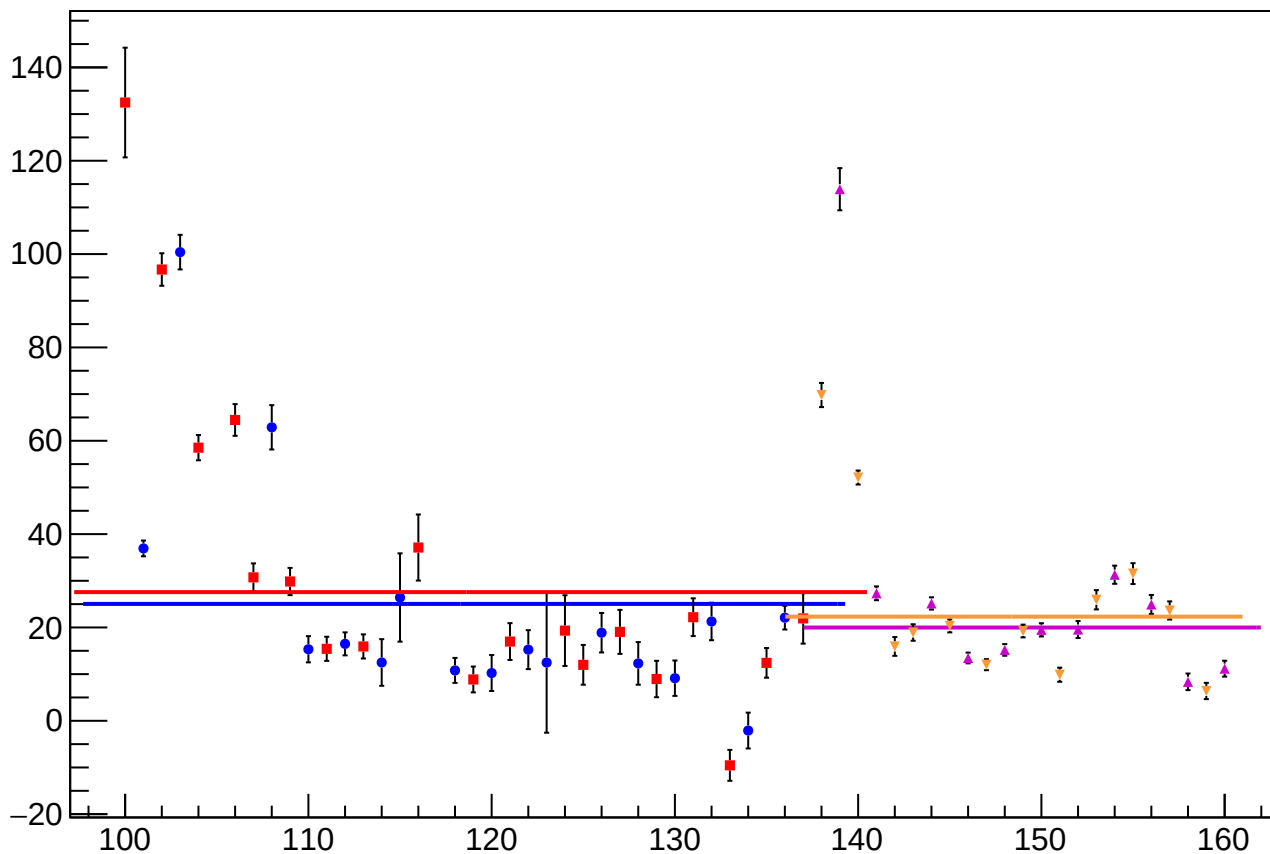
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.434+/-0.692 χ^2/NDF :563.0/10

-54.939+/-0.693 χ^2/NDF : 1873.5/11

-45.434+/-0.692 χ^2/NDF : 563.0/10

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 ± 0.806 χ^2/NDF : 686.4/16

Left Out: 22.320 ± 0.477 χ^2/NDF : 998.8/11

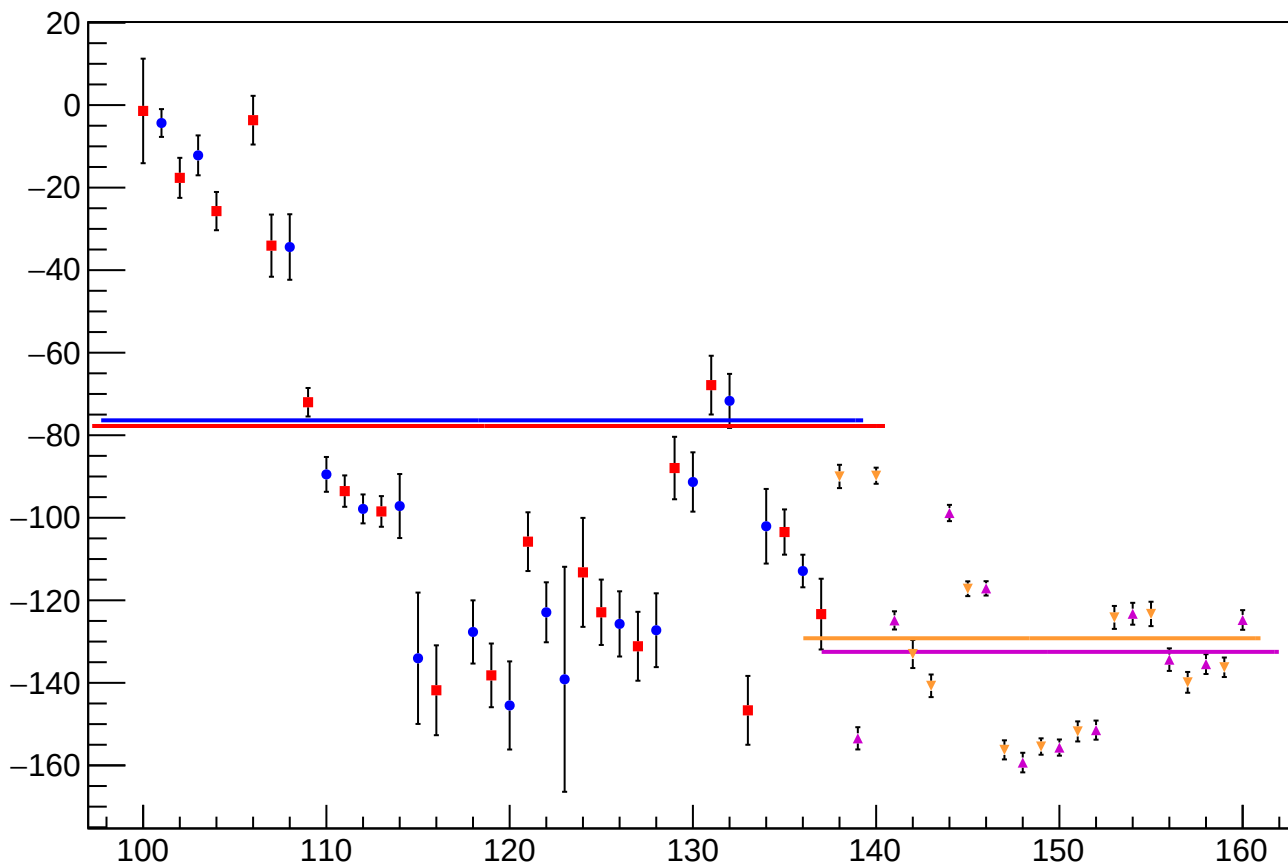
Right Out: 27.573 ± 0.810 χ^2/NDF : 1012.8/18

Left In: 19.987 ± 0.474 χ^2/NDF : 628.8/10

23.028 ± 0.411 χ^2/NDF : 1693.6/28

21.921 ± 0.409 χ^2/NDF : 1706.9/29

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 ± 1.416 $\chi^2/\text{NDF}: 1031.9/16$

Left Out: -129.196 ± 0.689 $\chi^2/\text{NDF}: 1095.1/11$

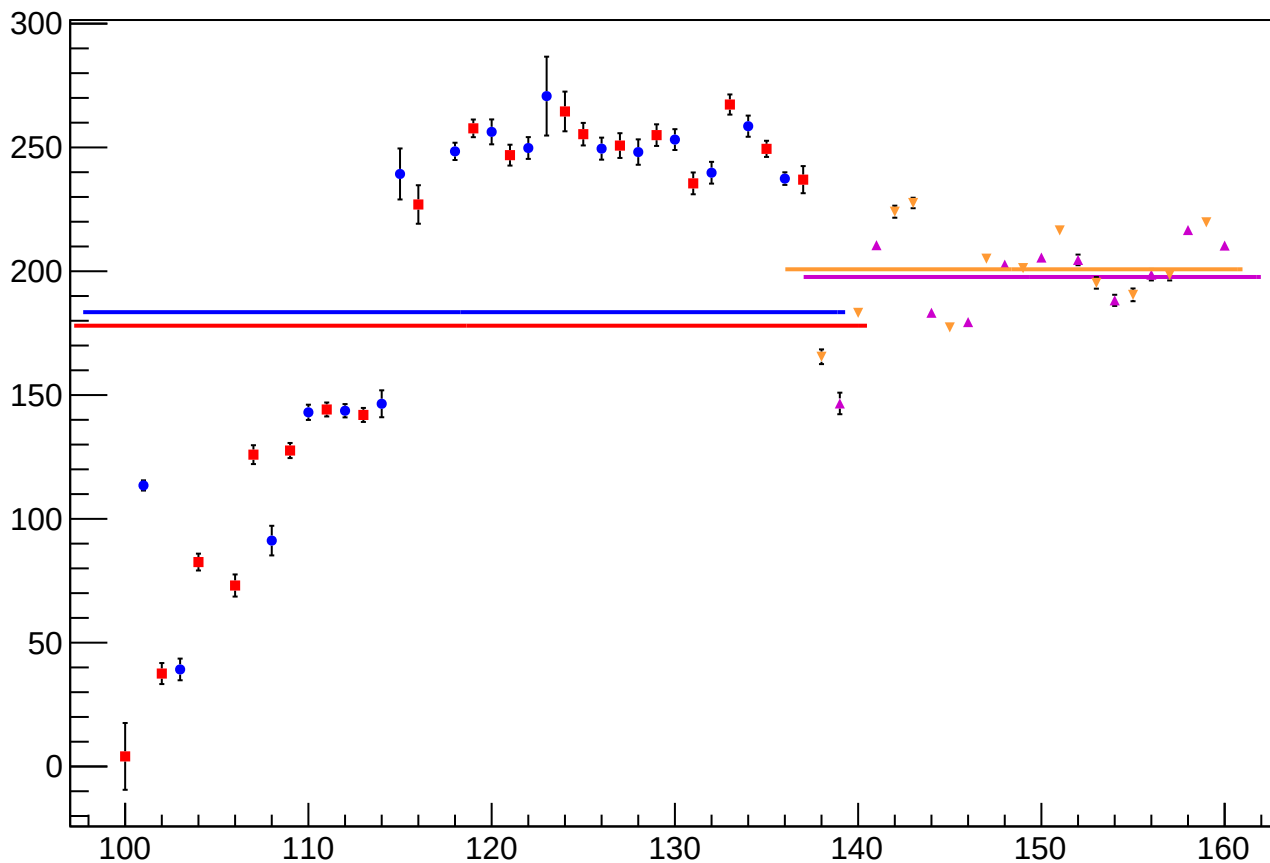
Right Out: -77.761 ± 1.353 $\chi^2/\text{NDF}: 872.7/18$

Left In: -132.493 ± 0.677 $\chi^2/\text{NDF}: 801.9/10$

-119.097 ± 0.619 $\chi^2/\text{NDF}: 3251.3/28$

-121.536 ± 0.605 $\chi^2/\text{NDF}: 2983.7/29$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 200.791 $\pm$ 0.573 χ^2 /NDF: 902.0/11

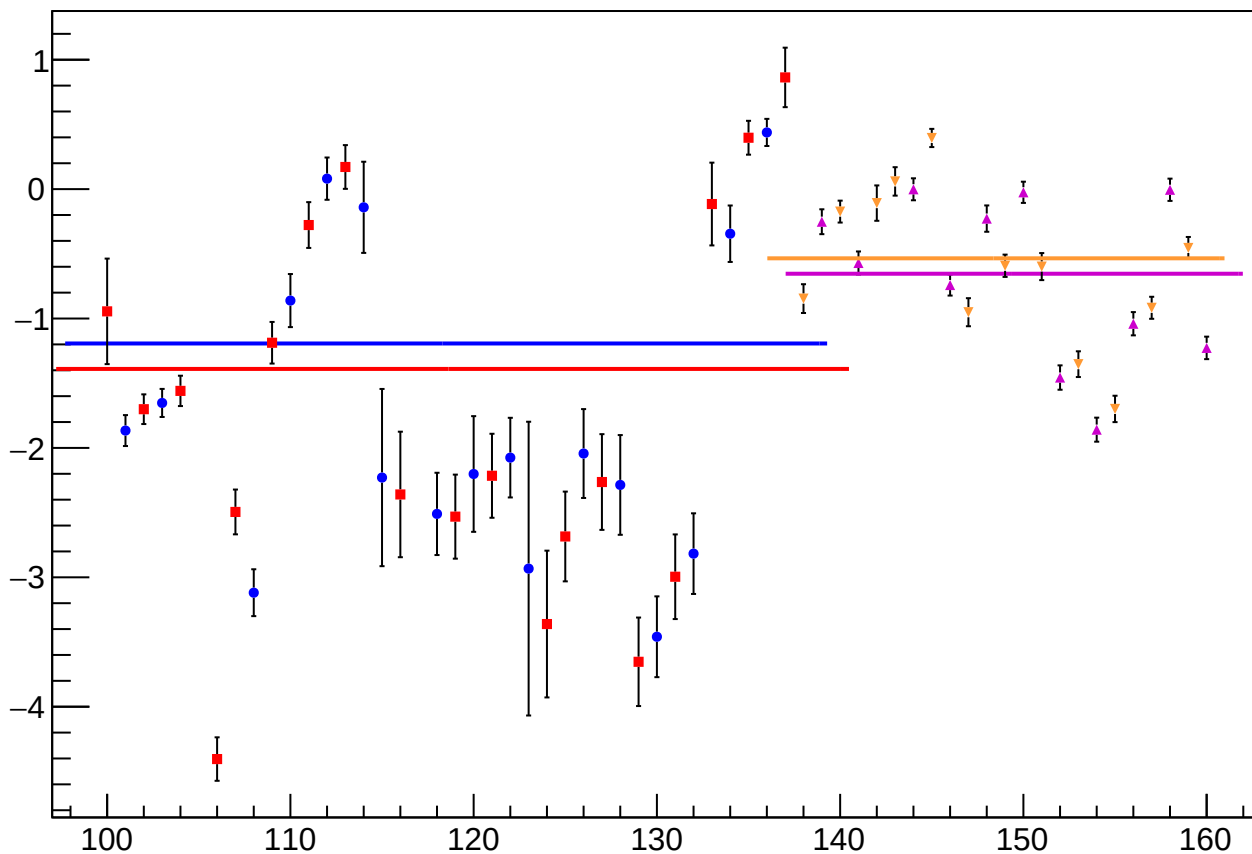
Right Out: 178.011 $\pm$ 0.924 χ^2 /NDF: 6345.7/18

Left In: 197.686 $\pm$ 0.563 χ^2 /NDF: 646.3/10

195.937 $\pm$ 0.486 χ^2 /NDF: 6489.0/28

192.357 $\pm$ 0.481 χ^2 /NDF: 7322.7/29

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193+/-0.048 χ^2/NDF : 621.7/16

Left Out: -0.535+/-0.027 χ^2/NDF : 474.6/11

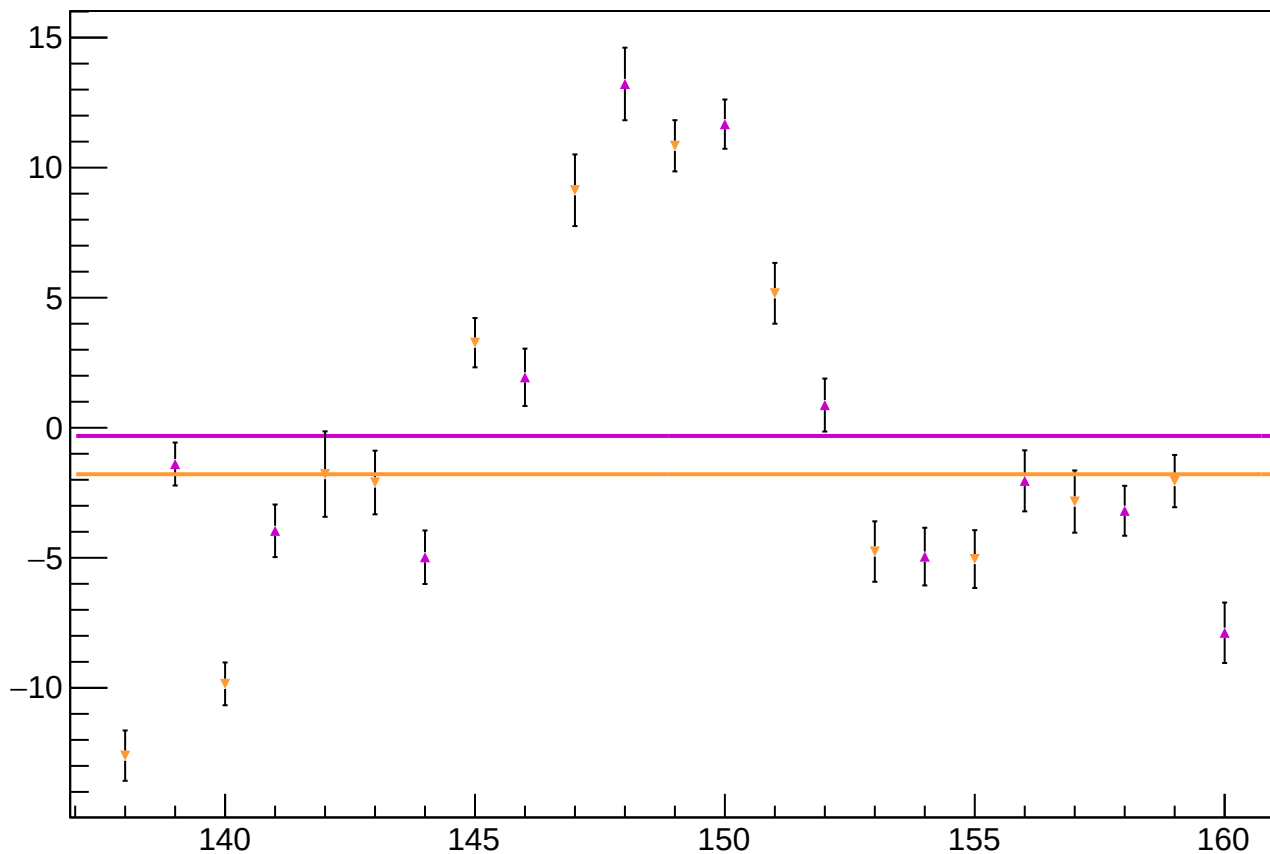
-0.695+/-0.024 χ^2/NDF : 1237.6/28

Right Out: -1.390+/-0.046 χ^2/NDF : 920.6/18

-0.842+/-0.023 χ^2/NDF : 1627.3/29

Left In: -0.654+/-0.027 χ^2/NDF : 514.8/10

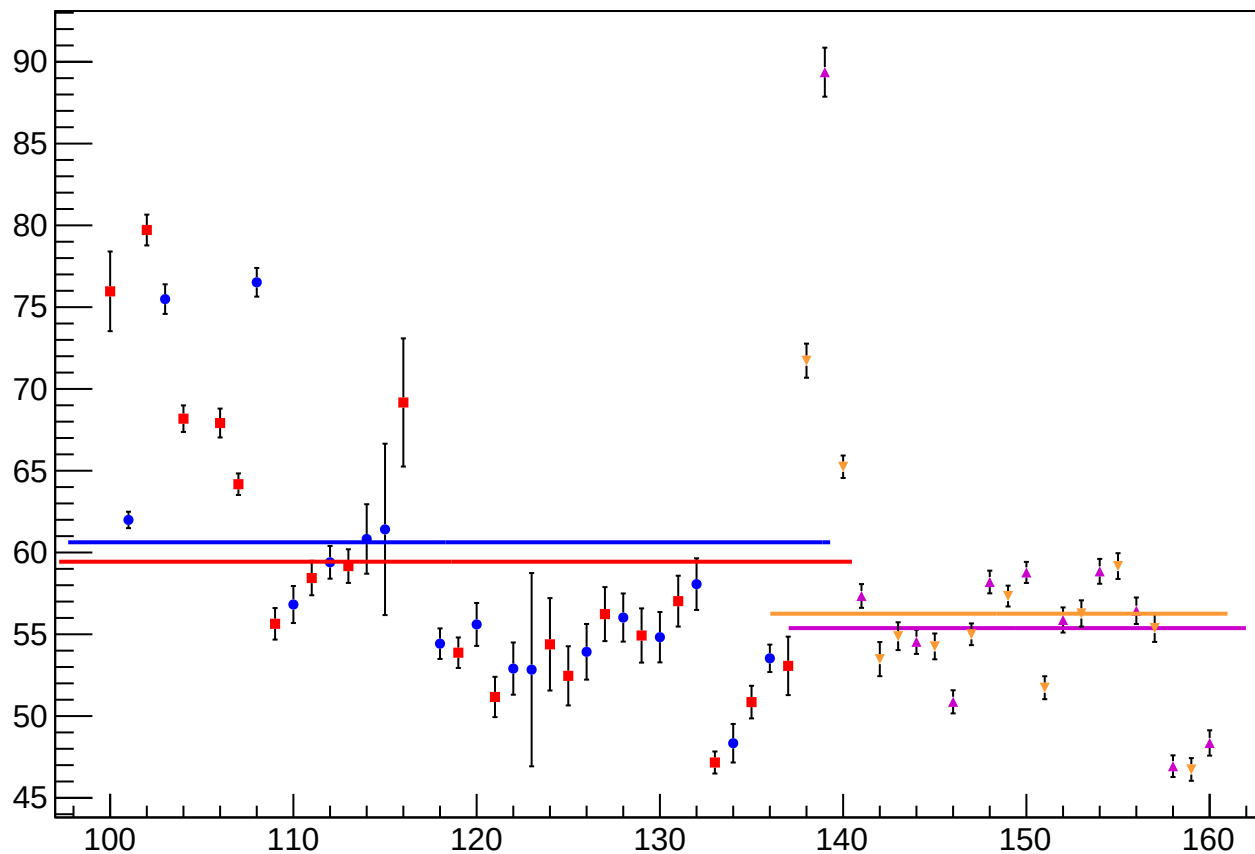
reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.788+/-0.313 χ^2/NDF : 528.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.315+/-0.314 χ^2/NDF : 366.2/10

-1.788+/-0.313 χ^2/NDF : 528.2/11
 -0.315+/-0.314 χ^2/NDF : 366.2/10

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 ± 0.263 $\chi^2/\text{NDF}: 924.6/16$

Left Out: 56.259 ± 0.222 $\chi^2/\text{NDF}: 659.3/11$

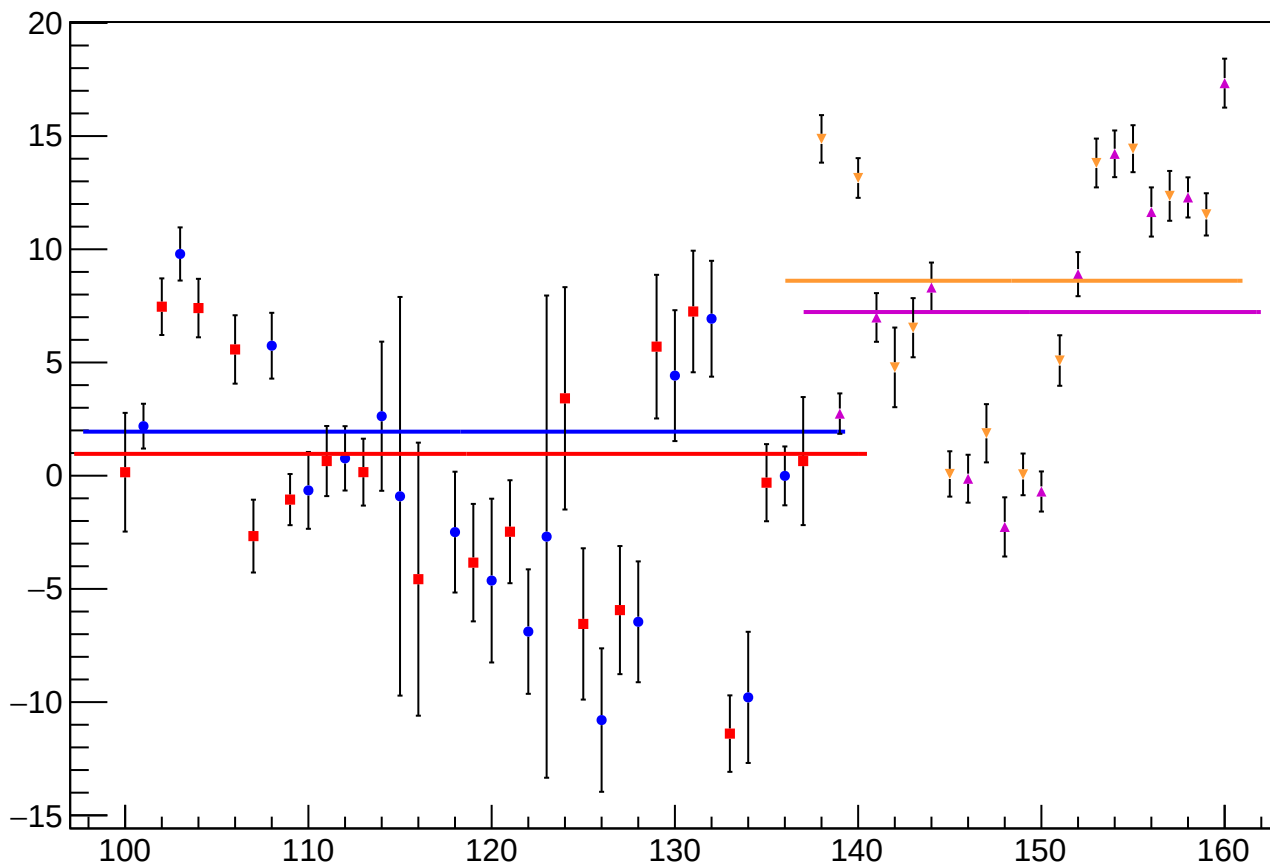
Right Out: 59.438 ± 0.248 $\chi^2/\text{NDF}: 1323.4/18$

Left In: 55.378 ± 0.226 $\chi^2/\text{NDF}: 875.4/10$

58.073 ± 0.170 $\chi^2/\text{NDF}: 1744.9/28$

57.223 ± 0.167 $\chi^2/\text{NDF}: 2345.2/29$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 8.610 ± 0.309 χ^2/NDF : 342.3/11

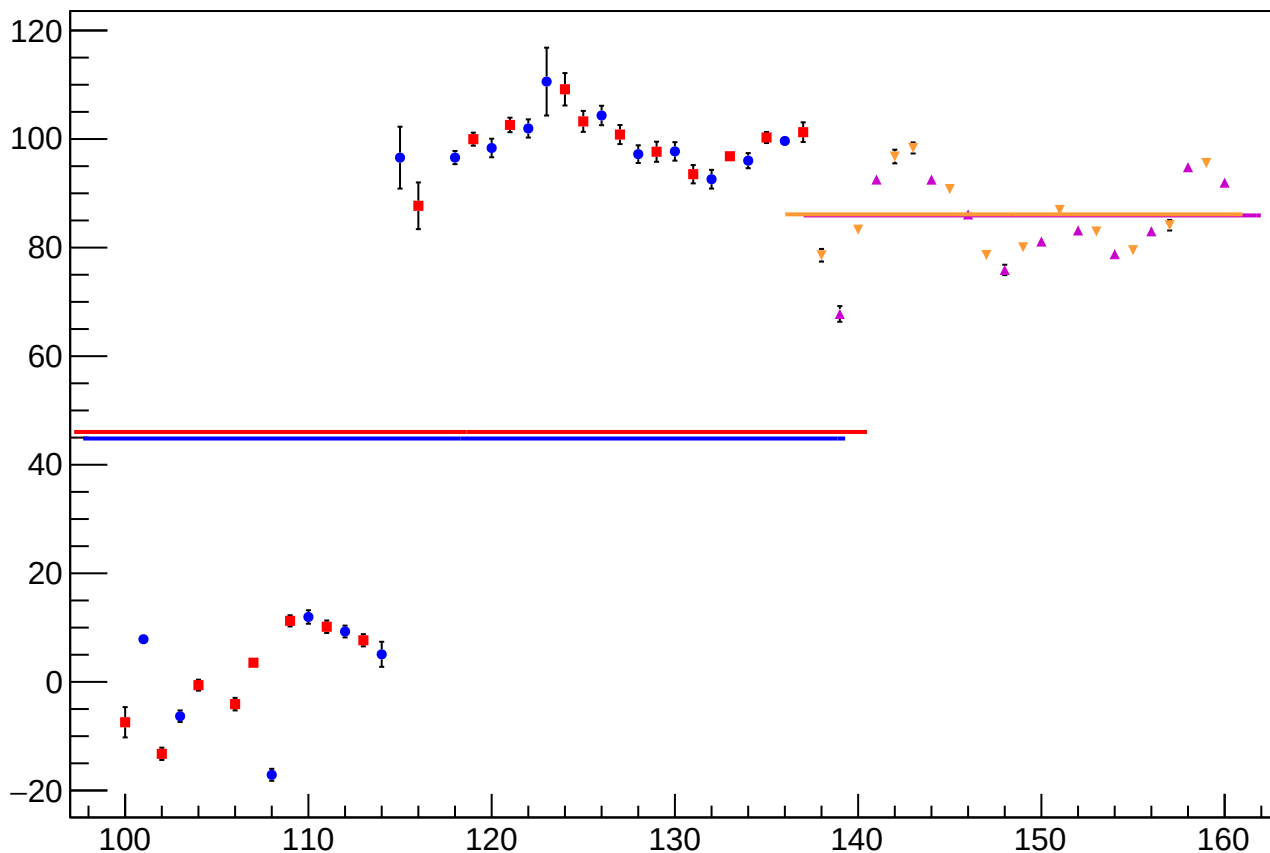
Right Out: 0.964 ± 0.424 χ^2/NDF : 149.5/18

Left In: 7.228 ± 0.306 χ^2/NDF : 392.9/10

6.529 ± 0.256 χ^2/NDF : 608.0/28

5.084 ± 0.248 χ^2/NDF : 685.7/29

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 86.126+/-0.262 χ^2/NDF : 665.7/11

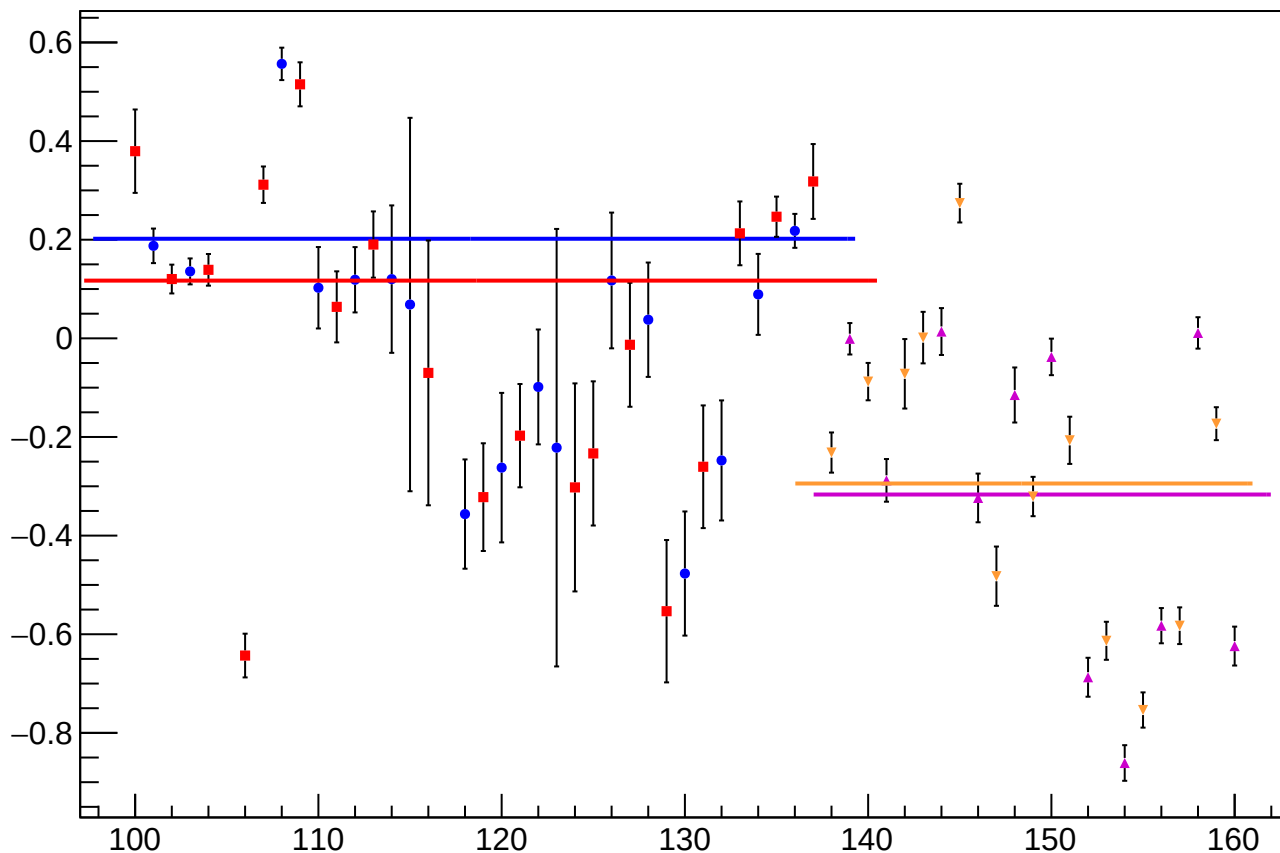
Right Out: 46.040+/-0.289 χ^2/NDF : 28263.4/18

Left In: 85.925+/-0.263 χ^2/NDF : 723.6/10

68.565+/-0.199 χ^2/NDF : 35989.7/28

67.905+/-0.195 χ^2/NDF : 39394.5/29

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.294 ± 0.012 χ^2/NDF : 604.5/11

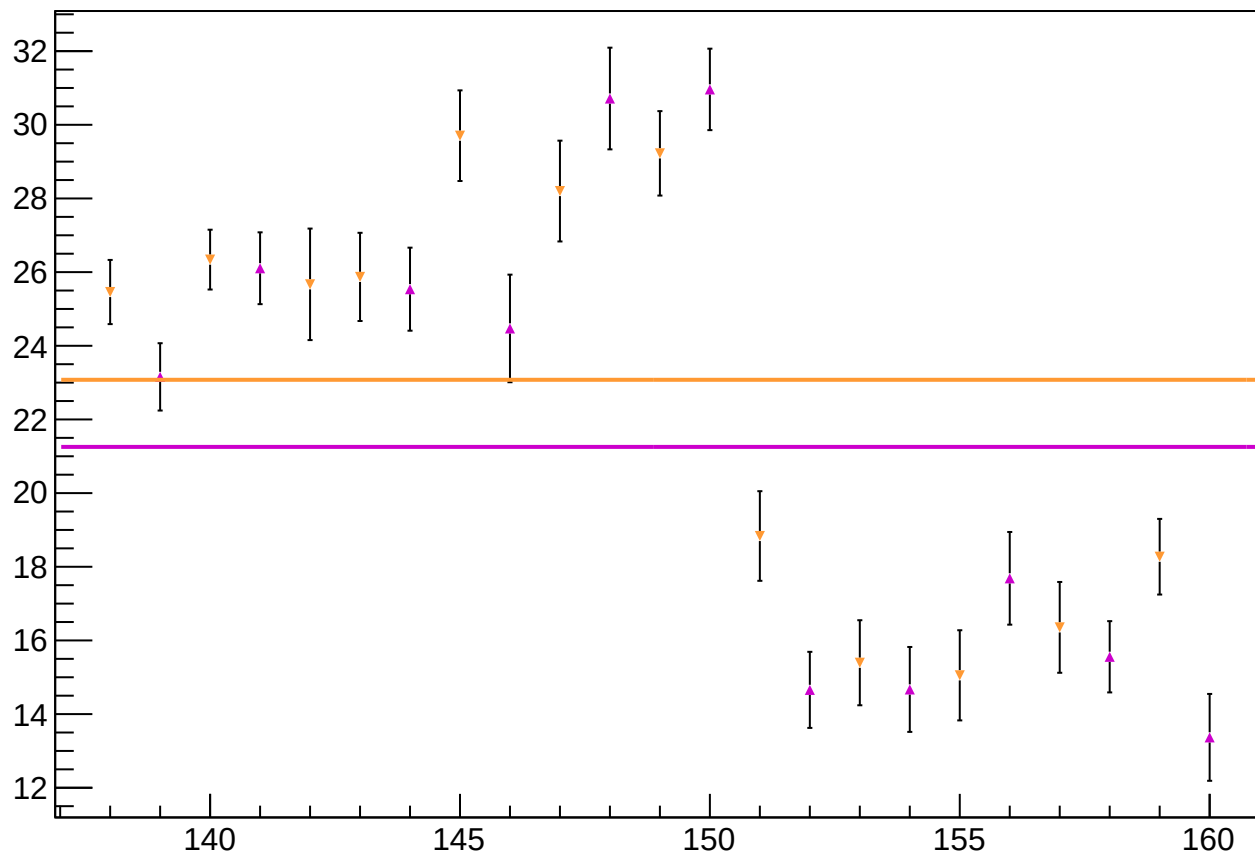
Right Out: 0.117 ± 0.013 χ^2/NDF : 499.6/18

Left In: -0.317 ± 0.012 χ^2/NDF : 754.1/10

-0.085 ± 0.009 χ^2/NDF : 1541.3/28

-0.122 ± 0.009 χ^2/NDF : 1864.7/29

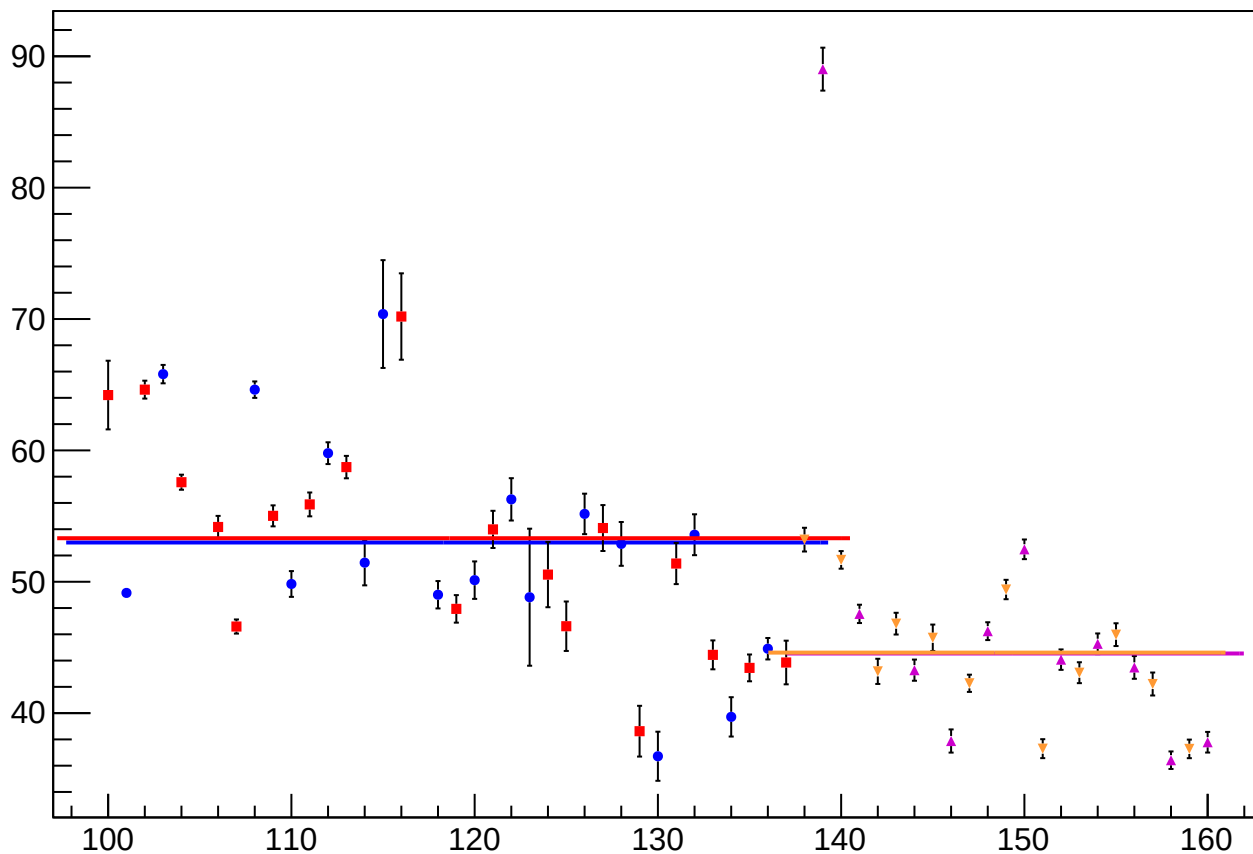
reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 23.077+/-0.322 χ^2/NDF : 254.8/11
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 21.255+/-0.334 χ^2/NDF : 333.2/10

23.077+/-0.322 χ^2/NDF : 254.8/11
21.255+/-0.334 χ^2/NDF : 333.2/10

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

Left Out: 44.607 $\pm$ 0.228 χ^2 /NDF: 490.9/11

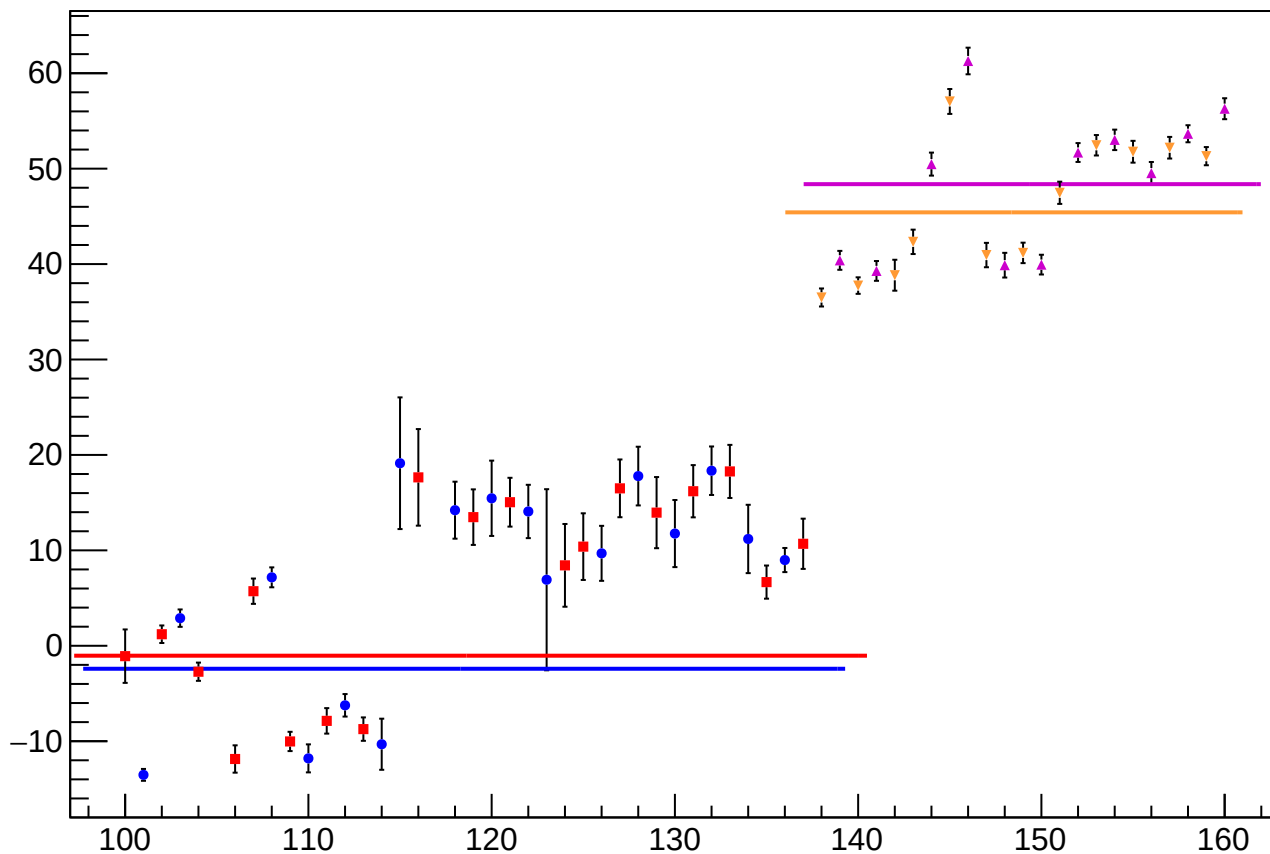
Right Out: 53.315 $\pm$ 0.227 χ^2 /NDF: 875.6/18

Left In: 44.540 $\pm$ 0.238 χ^2 /NDF: 1162.0/10

49.118 $\pm$ 0.155 χ^2 /NDF: 2418.6/28

49.137 $\pm$ 0.164 χ^2 /NDF: 2750.7/29

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 45.420 ± 0.320 χ^2/NDF : 448.5/11

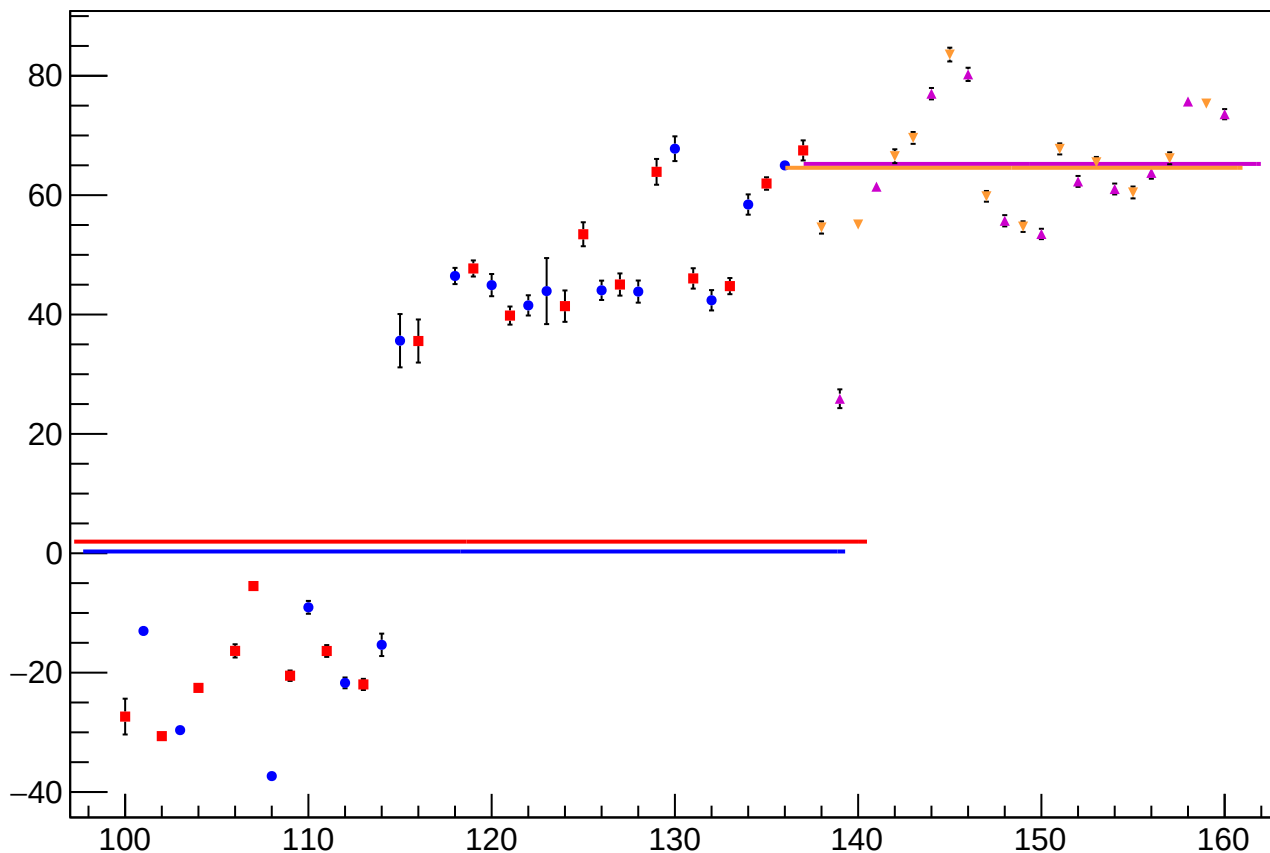
Right Out: -1.040 ± 0.377 χ^2/NDF : 507.5/18

Left In: 48.375 ± 0.326 χ^2/NDF : 457.8/10

24.600 ± 0.240 χ^2/NDF : 11015.9/28

27.222 ± 0.247 χ^2/NDF : 10788.3/29

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300 ± 0.247 $\chi^2/\text{NDF}: 18259.2/16$

Left Out: 64.585 ± 0.270 $\chi^2/\text{NDF}: 924.5/11$

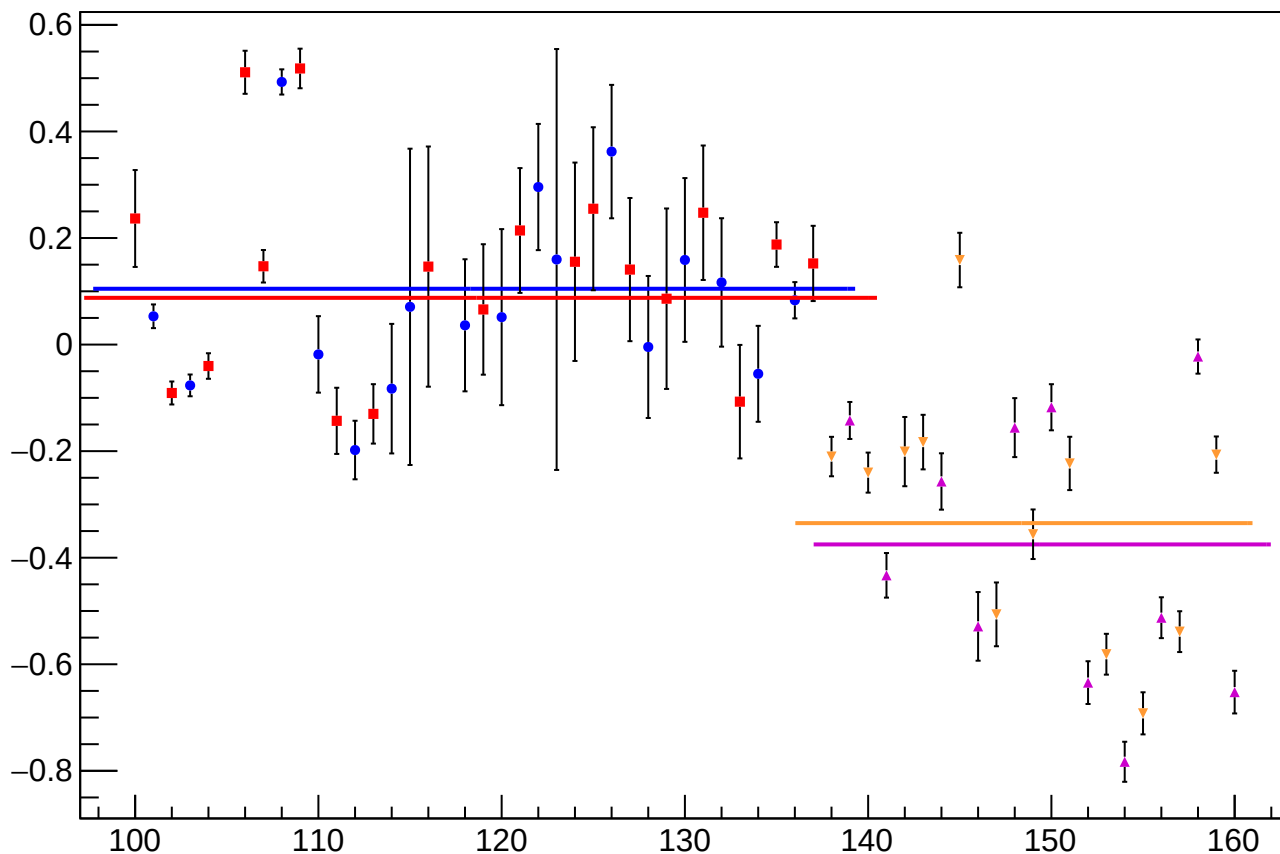
Right Out: 1.952 ± 0.267 $\chi^2/\text{NDF}: 15450.6/18$

Left In: 65.234 ± 0.277 $\chi^2/\text{NDF}: 1617.2/10$

29.626 ± 0.182 $\chi^2/\text{NDF}: 49979.8/28$

32.373 ± 0.192 $\chi^2/\text{NDF}: 44146.7/29$

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.335 ± 0.012 $\chi^2/\text{NDF}: 302.9/11$

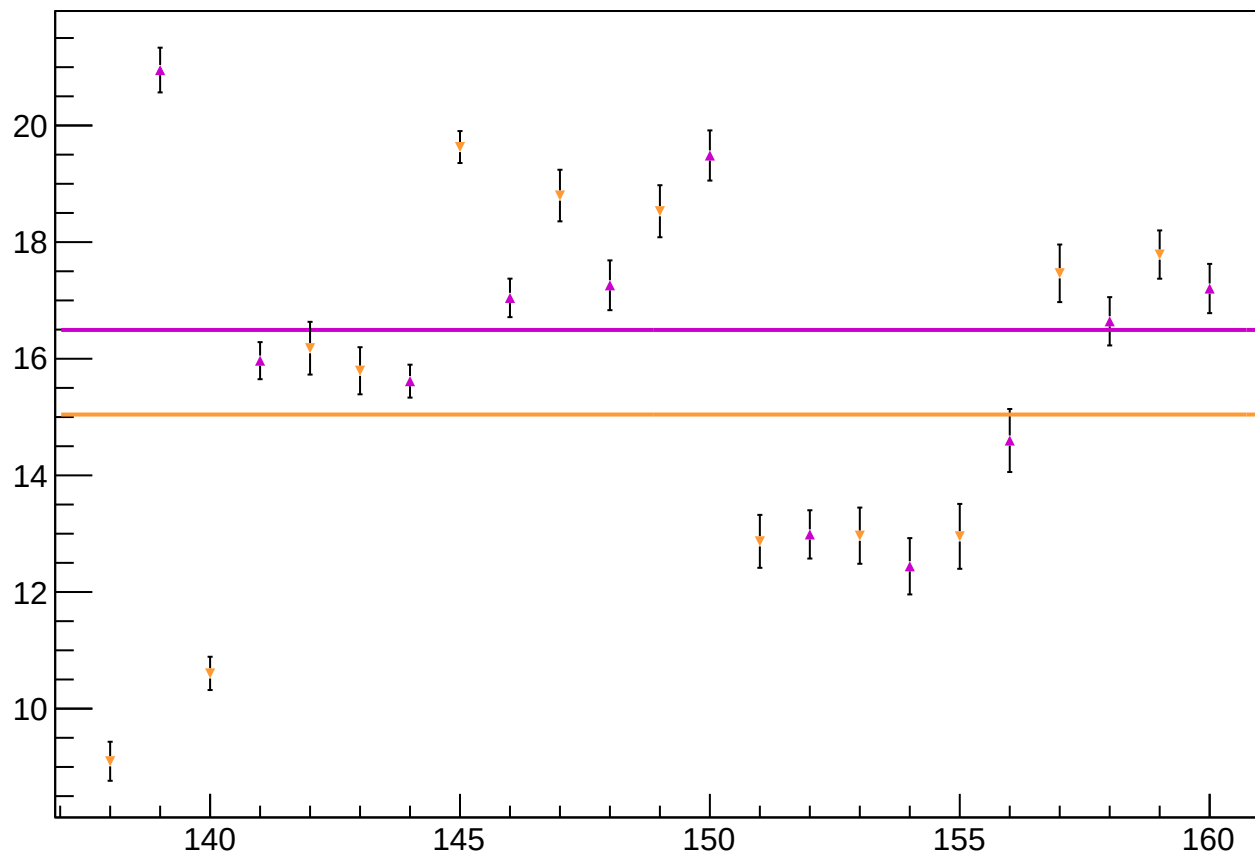
Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 390.9/18$

Left In: -0.375 ± 0.012 $\chi^2/\text{NDF}: 449.7/10$

-0.089 ± 0.008 $\chi^2/\text{NDF}: 1402.0/28$

-0.116 ± 0.008 $\chi^2/\text{NDF}: 1616.7/29$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 15.043+/-0.113 χ^2/NDF :1104.4/11

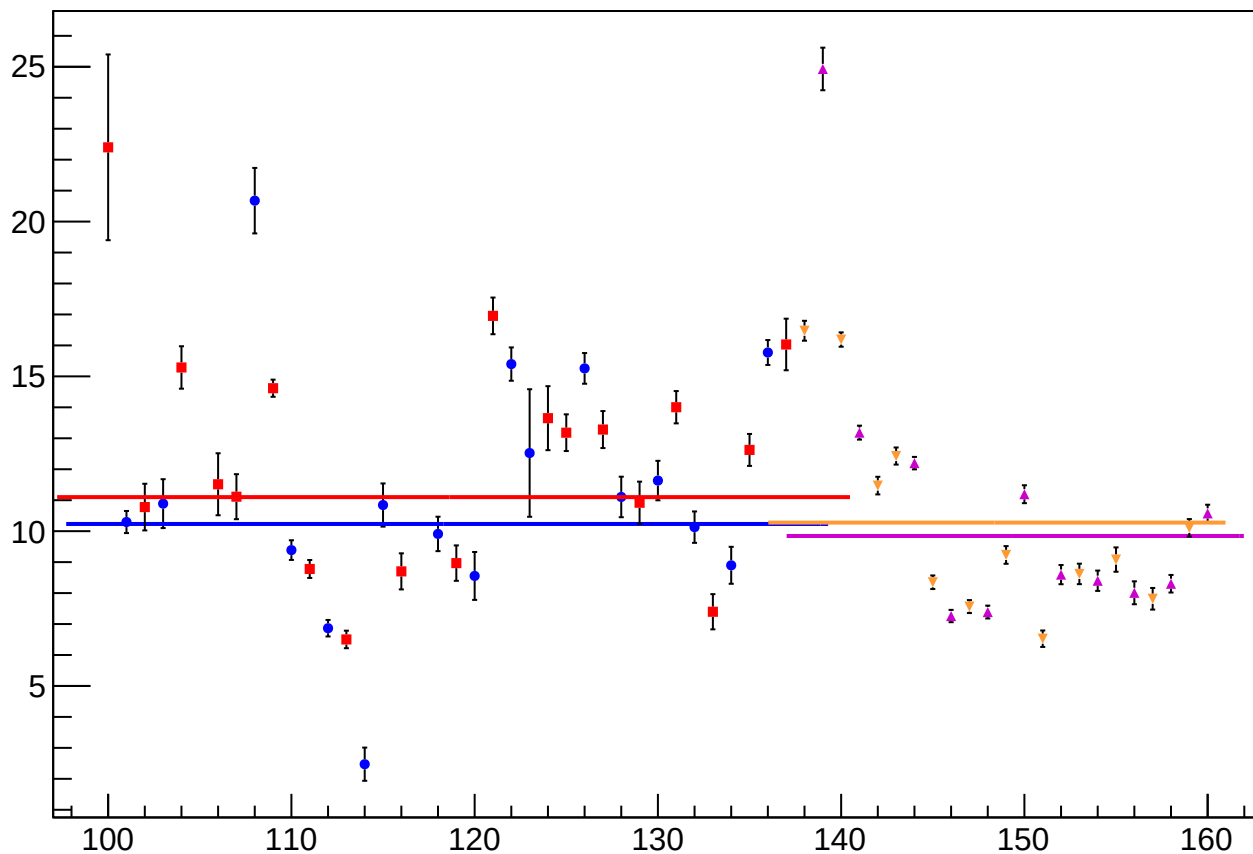
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.494+/-0.116 χ^2/NDF :359.1/10

15.043+/-0.113 χ^2/NDF : 1104.4/11

16.494+/-0.116 χ^2/NDF : 359.1/10

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 $\pm$ 0.119 χ^2/NDF : 876.7/16

Left Out: 10.277 $\pm$ 0.079 χ^2/NDF :1644.0/11

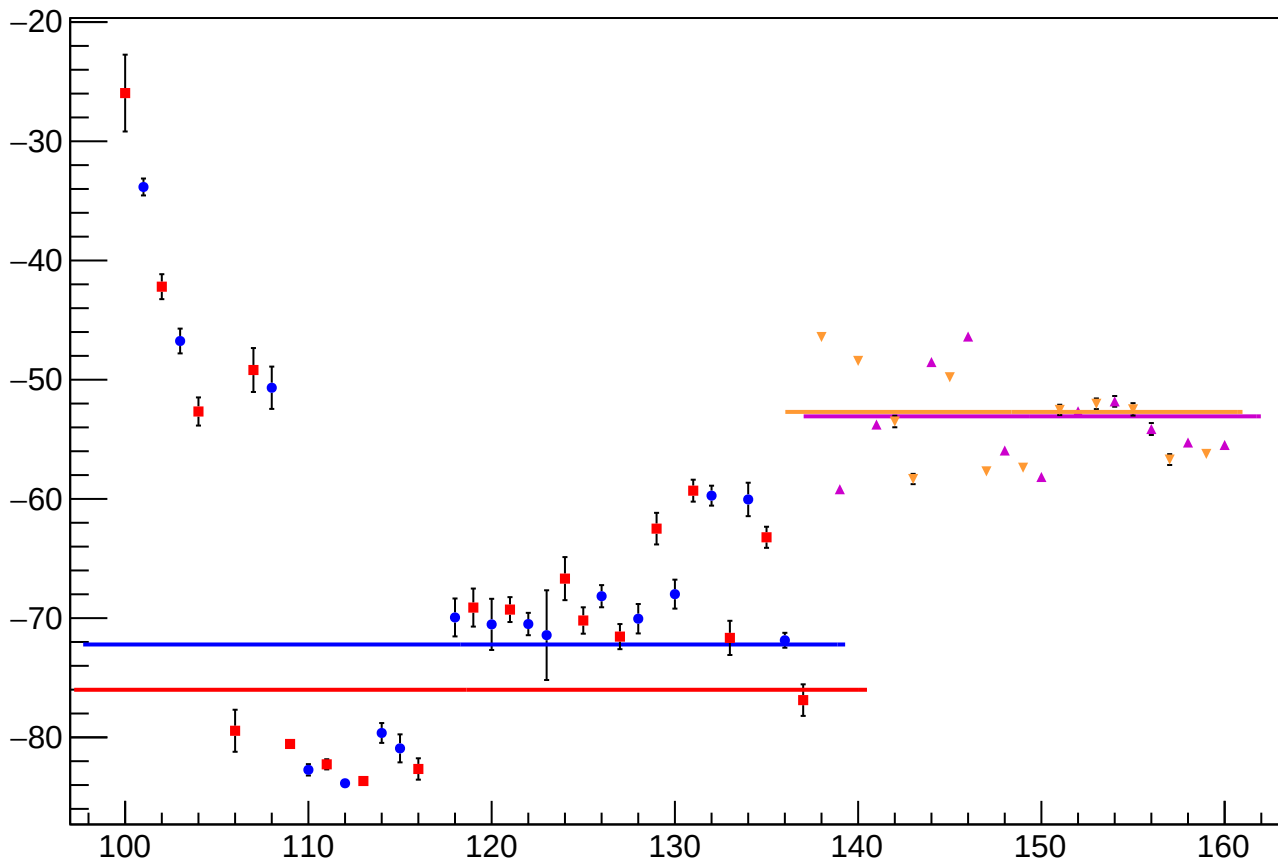
Right Out: 11.100 $\pm$ 0.116 χ^2/NDF : 817.8/18

Left In: 9.844 $\pm$ 0.079 χ^2/NDF :1264.8/10

10.263 $\pm$ 0.066 χ^2/NDF : 2520.8/28

10.242 $\pm$ 0.066 χ^2/NDF : 2162.2/29

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 ± 0.198 $\chi^2/\text{NDF}: 5566.2/16$

Left Out: -52.701 ± 0.114 $\chi^2/\text{NDF}: 1206.7/11$

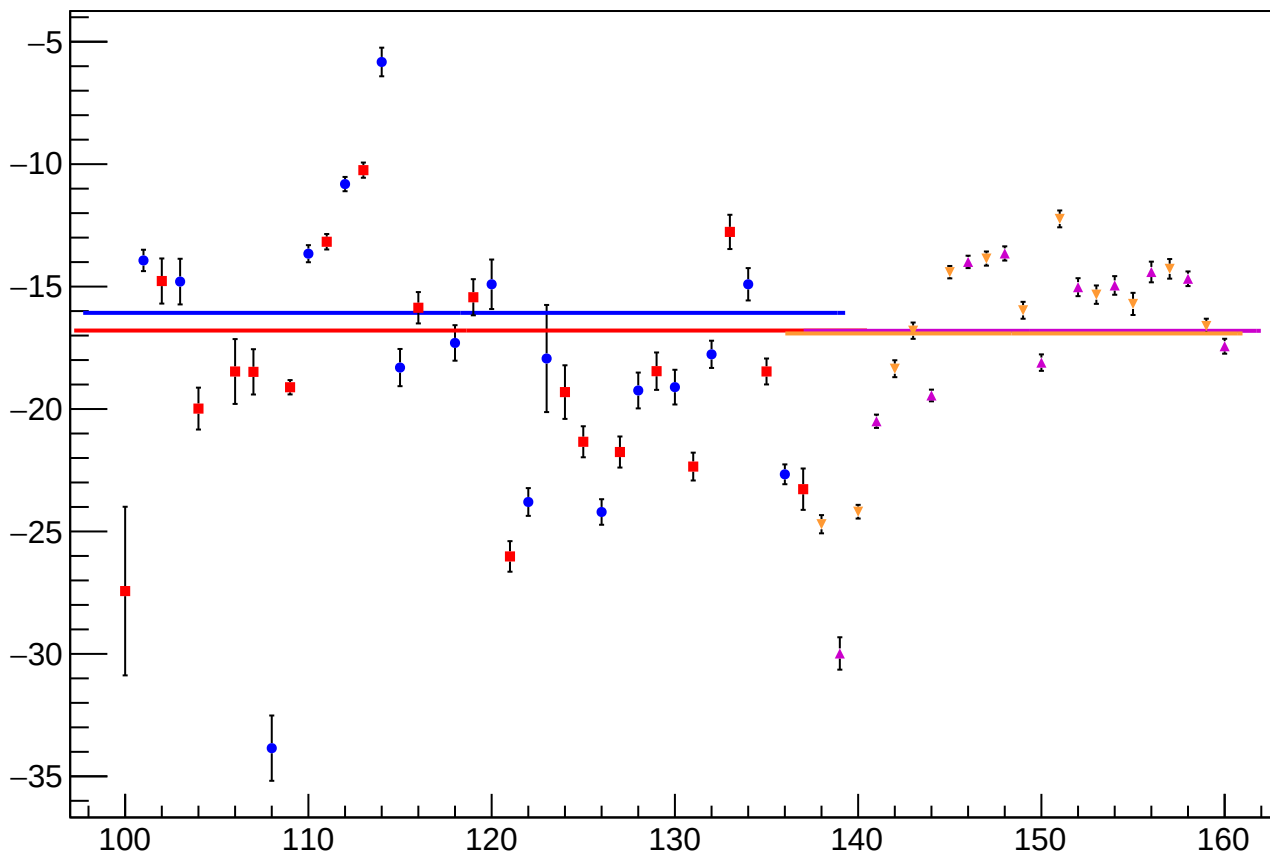
Right Out: -76.009 ± 0.181 $\chi^2/\text{NDF}: 3463.3/18$

Left In: -53.073 ± 0.114 $\chi^2/\text{NDF}: 1188.8/10$

-57.555 ± 0.099 $\chi^2/\text{NDF}: 14067.2/28$

-59.615 ± 0.097 $\chi^2/\text{NDF}: 16131.7/29$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 $\pm$ 0.133 χ^2/NDF : 1640.5/16

Left Out: -16.914 $\pm$ 0.095 χ^2/NDF : 1602.4/11

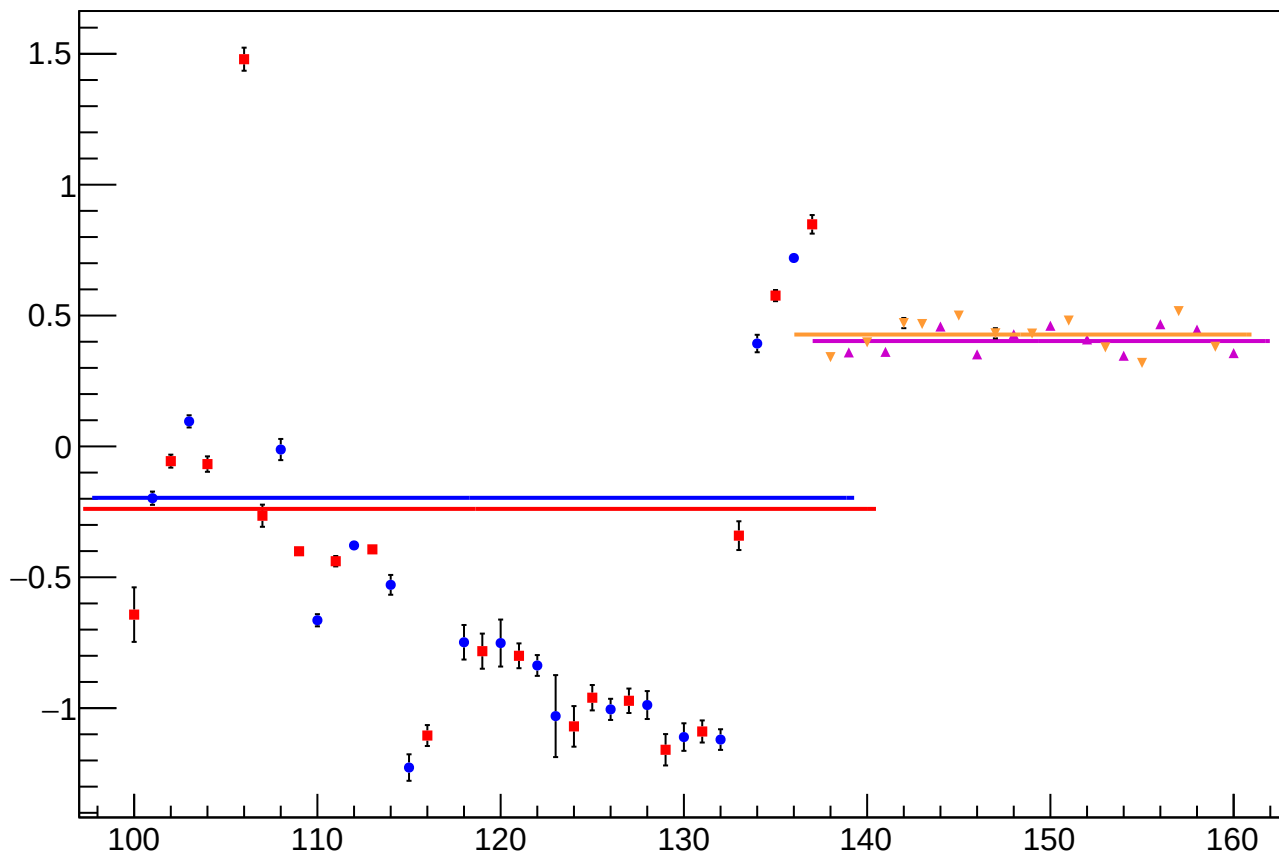
Right Out: -16.795 $\pm$ 0.128 χ^2/NDF : 1216.0/18

Left In: -16.806 $\pm$ 0.095 χ^2/NDF : 1094.7/10

-16.629 $\pm$ 0.077 χ^2/NDF : 3269.5/28

-16.802 $\pm$ 0.076 χ^2/NDF : 2310.8/29

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.427 ± 0.005 χ^2/NDF : 190.7/11

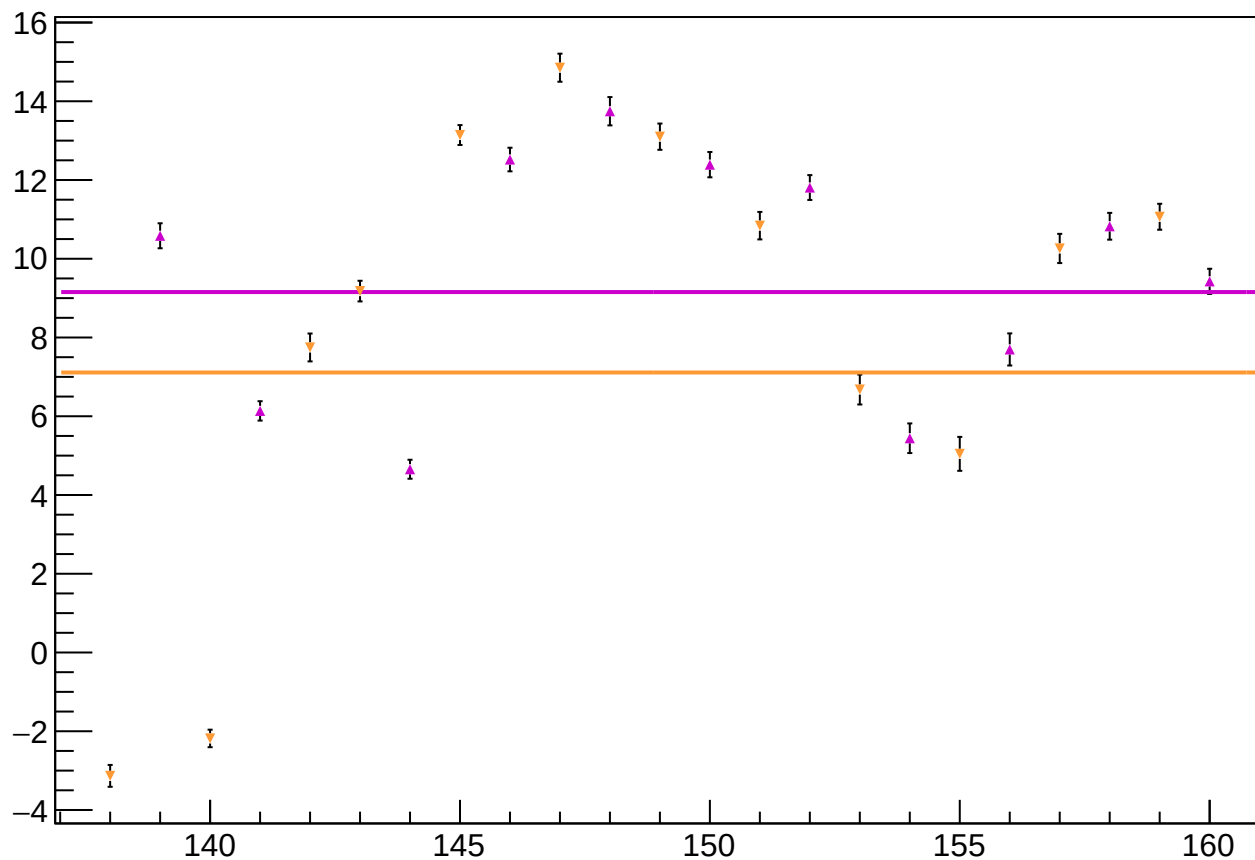
Right Out: -0.239 ± 0.007 χ^2/NDF : 6188.6/18

Left In: 0.403 ± 0.005 χ^2/NDF : 110.6/10

0.263 ± 0.004 χ^2/NDF : 11551.8/28

0.221 ± 0.004 χ^2/NDF : 12017.6/29

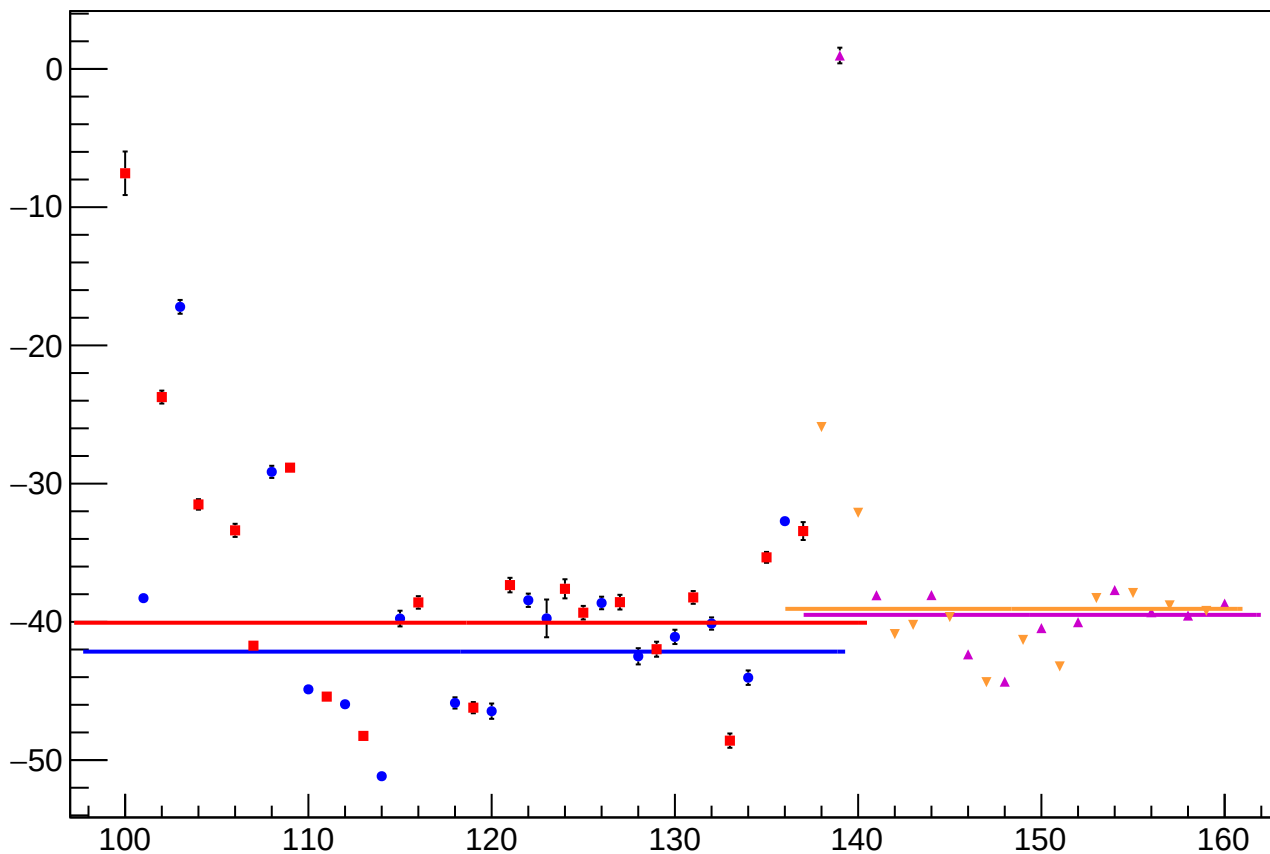
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 7.111 $\pm$ 0.089 χ^2 /NDF: 4888.8/11
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 9.154 $\pm$ 0.094 χ^2 /NDF: 1115.3/10

7.111 $\pm$ 0.089 χ^2 /NDF: 4888.8/11
9.154 $\pm$ 0.094 χ^2 /NDF: 1115.3/10

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 ± 0.078 $\chi^2/\text{NDF}: 6557.8/16$

Left Out: -39.058 ± 0.062 $\chi^2/\text{NDF}: 5497.9/11$

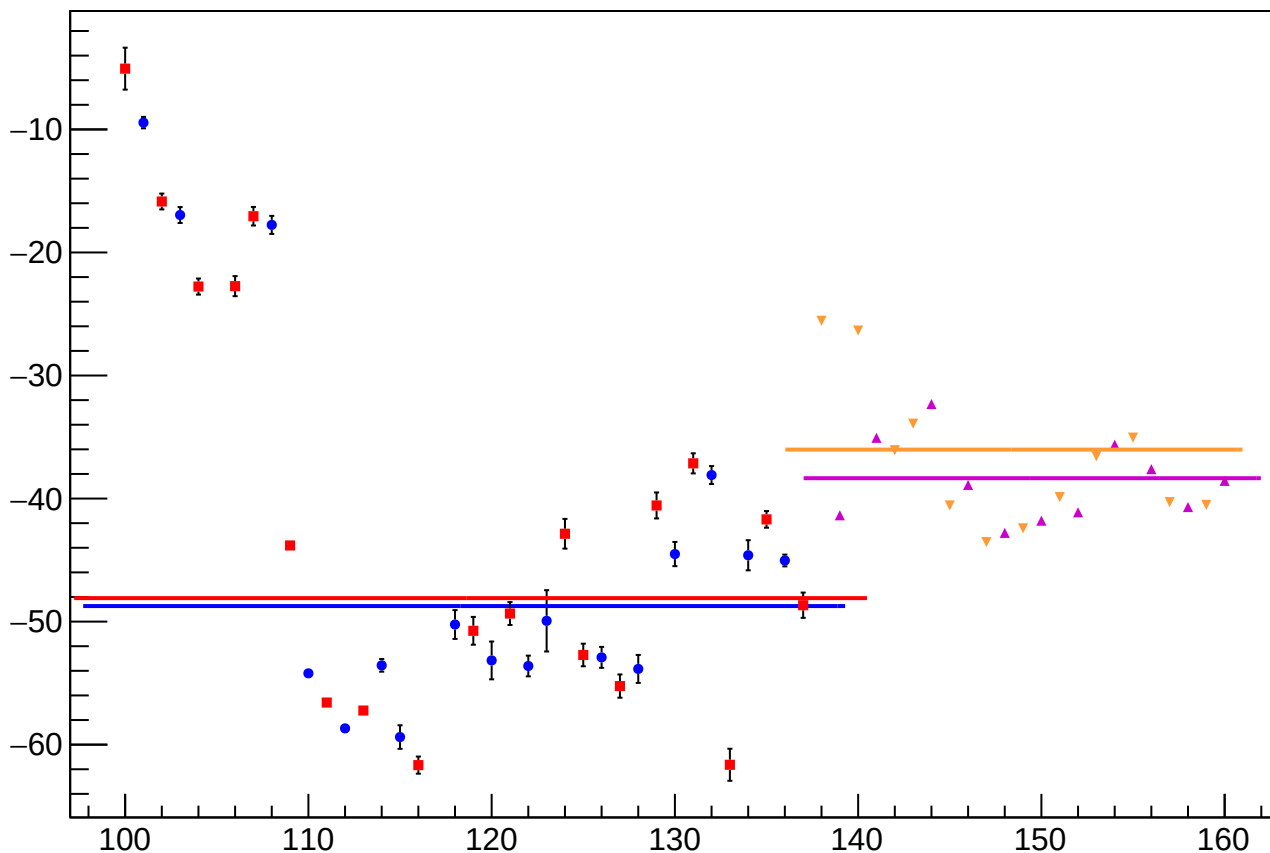
Right Out: -40.062 ± 0.073 $\chi^2/\text{NDF}: 11322.2/18$

Left In: -39.494 ± 0.065 $\chi^2/\text{NDF}: 6310.3/10$

-40.260 ± 0.049 $\chi^2/\text{NDF}: 13018.1/28$

-39.745 ± 0.048 $\chi^2/\text{NDF}: 17666.5/29$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 ± 0.125 $\chi^2/\text{NDF}: 14658.1/16$

Left Out: -36.021 ± 0.090 $\chi^2/\text{NDF}: 4665.1/11$

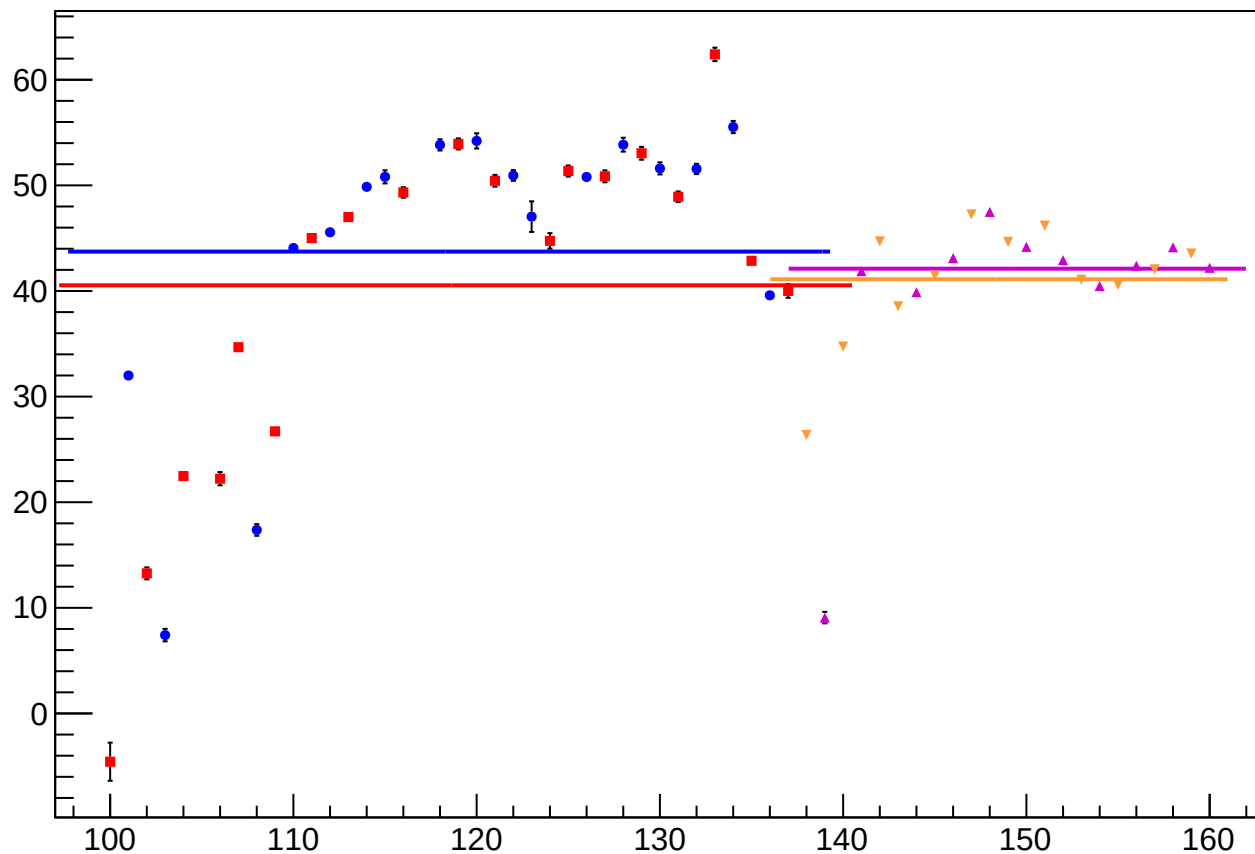
Right Out: -48.092 ± 0.107 $\chi^2/\text{NDF}: 11733.2/18$

Left In: -38.346 ± 0.092 $\chi^2/\text{NDF}: 1294.3/10$

-40.365 ± 0.073 $\chi^2/\text{NDF}: 26184.4/28$

-42.488 ± 0.070 $\chi^2/\text{NDF}: 17777.1/29$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 $\pm$ 0.087 χ^2/NDF : 10567.7/16

Left Out: 41.115 $\pm$ 0.075 χ^2/NDF : 4780.3/11

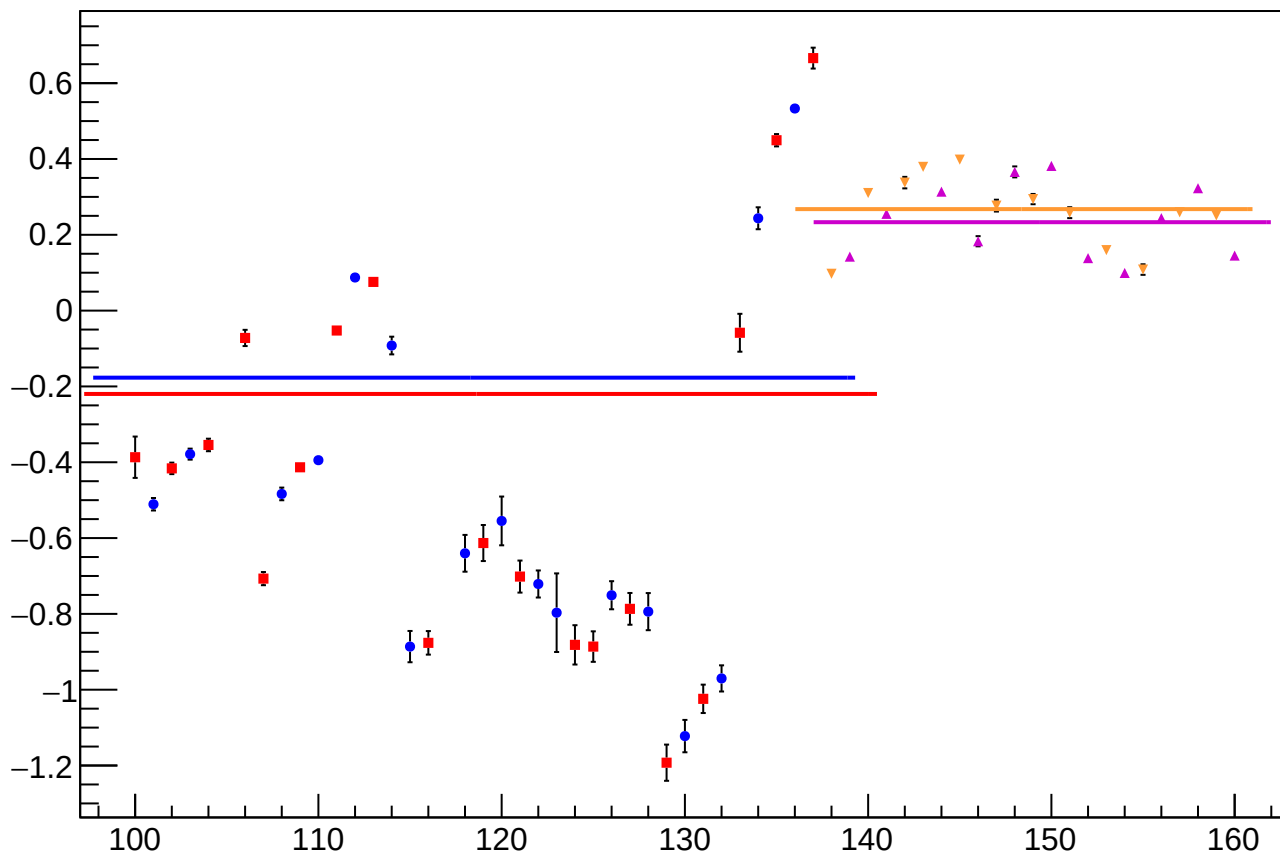
Right Out: 40.537 $\pm$ 0.080 χ^2/NDF : 17601.3/18

Left In: 42.111 $\pm$ 0.077 χ^2/NDF : 4466.1/10

42.225 $\pm$ 0.057 χ^2/NDF : 15870.4/28

41.359 $\pm$ 0.055 χ^2/NDF : 22268.6/29

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.268 ± 0.004 χ^2/NDF : 706.7/11

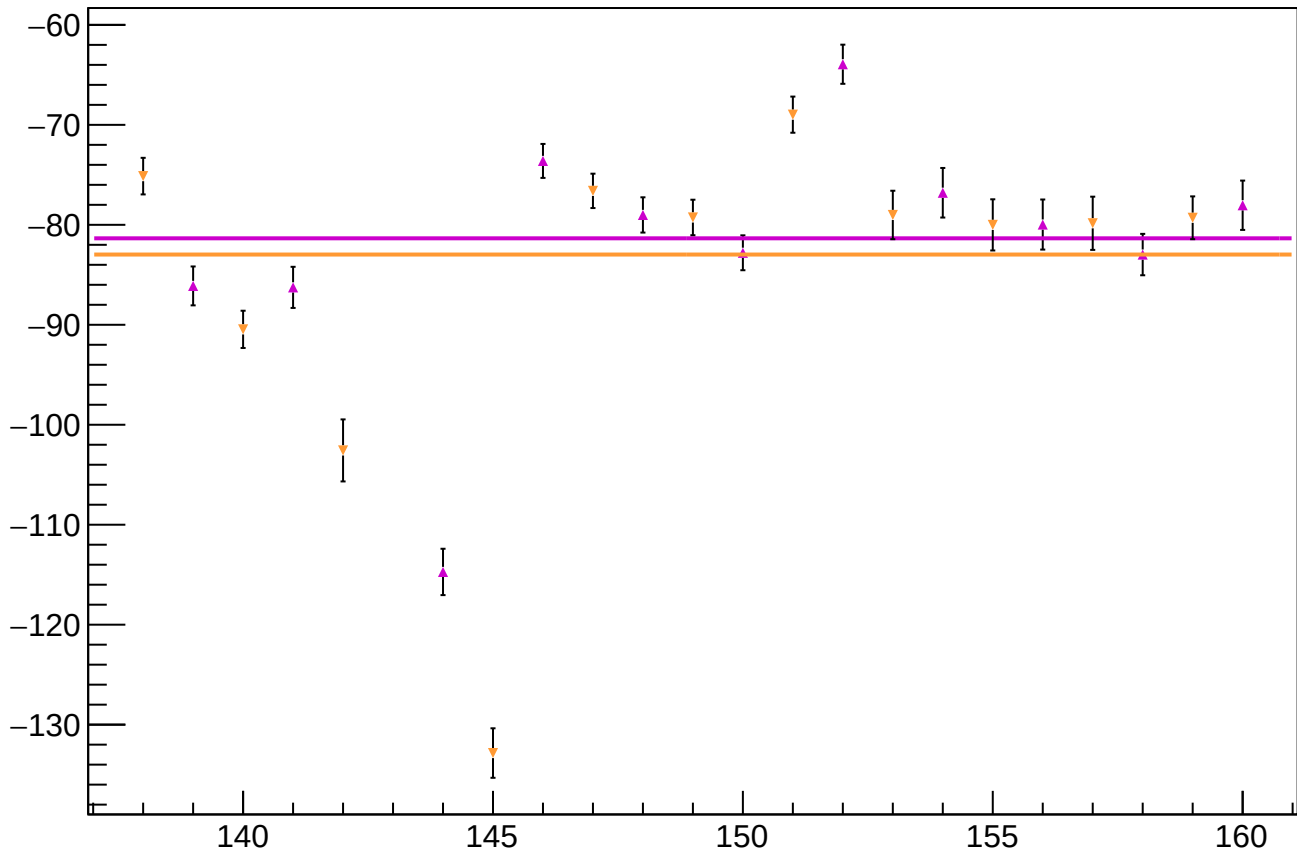
Right Out: -0.220 ± 0.004 χ^2/NDF : 7430.4/18

Left In: 0.233 ± 0.004 χ^2/NDF : 657.9/10

0.112 ± 0.003 χ^2/NDF : 13559.1/28

0.046 ± 0.003 χ^2/NDF : 14586.5/29

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -82.973+/-0.633 χ^2/NDF : 566.4/10

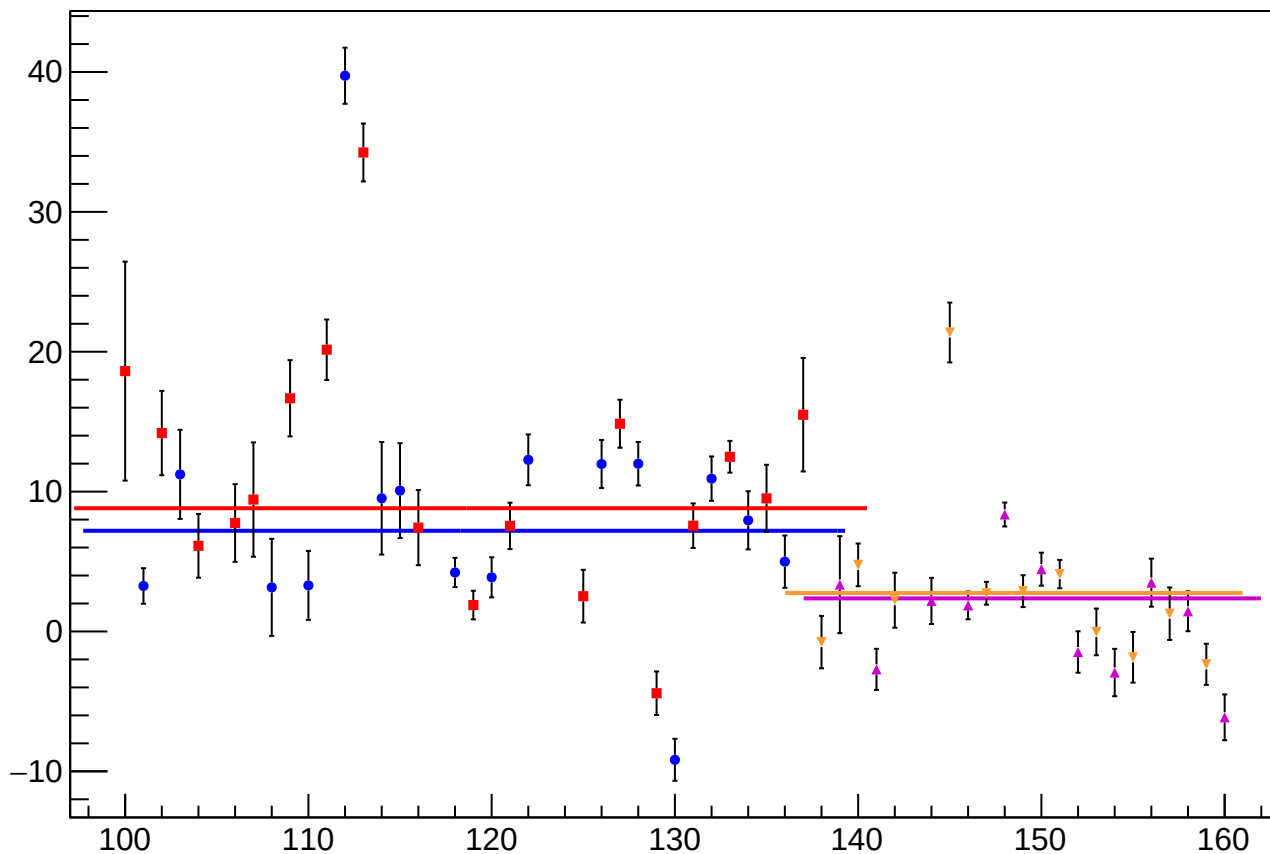
-82.973+/-0.633 χ^2/NDF : 566.4/10

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

-81.350+/-0.613 χ^2/NDF : 327.4/10

Left In: -81.350+/-0.613 χ^2/NDF : 327.4/10

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 0.440 χ^2/NDF : 443.8/15

Left Out: 2.753 ± 0.413 χ^2/NDF : 104.7/10

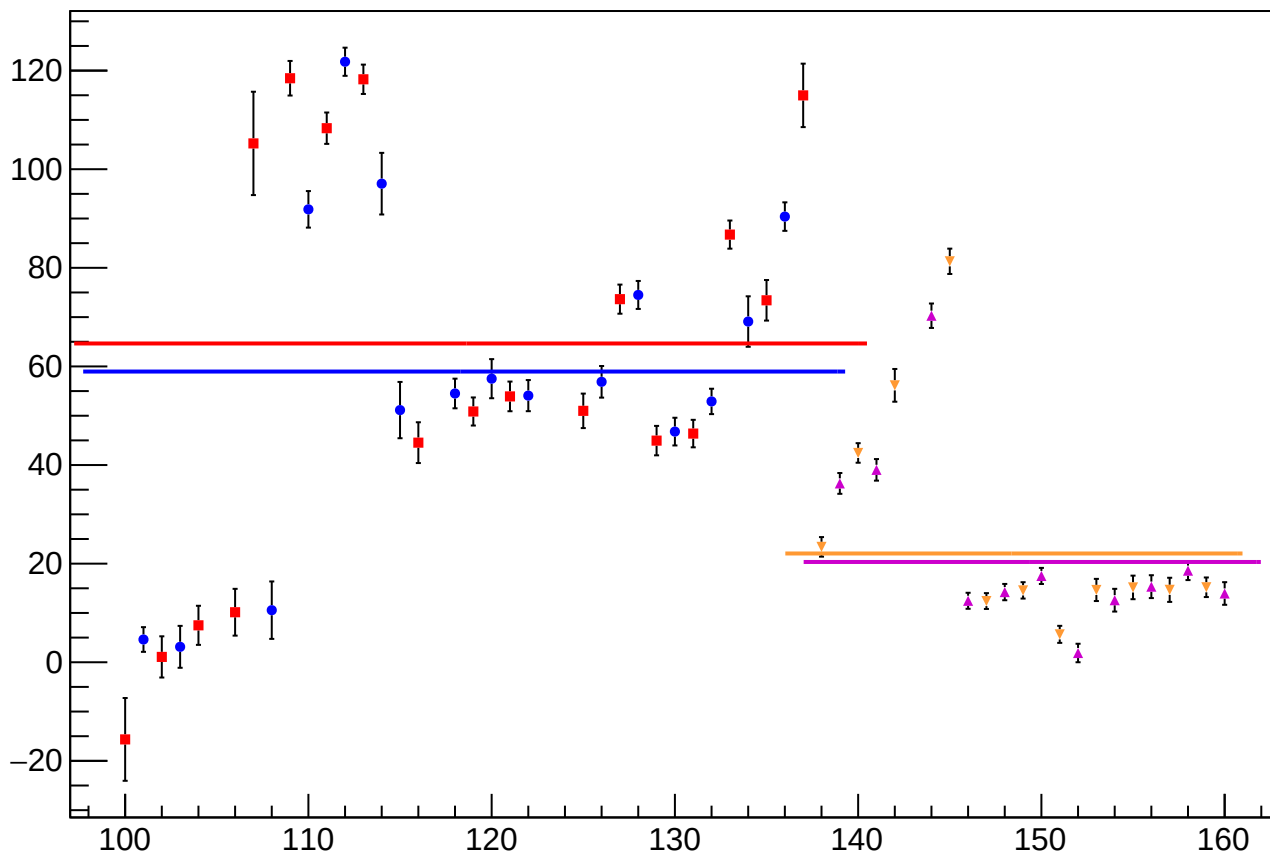
Right Out: 8.810 ± 0.448 χ^2/NDF : 349.7/17

Left In: 2.366 ± 0.407 χ^2/NDF : 108.8/10

4.841 ± 0.301 χ^2/NDF : 602.8/26

5.284 ± 0.301 χ^2/NDF : 571.8/28

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962 $\pm$ 0.837 χ^2 /NDF: 1496.5/15

Left Out: 22.061 $\pm$ 0.617 χ^2 /NDF: 930.3/10

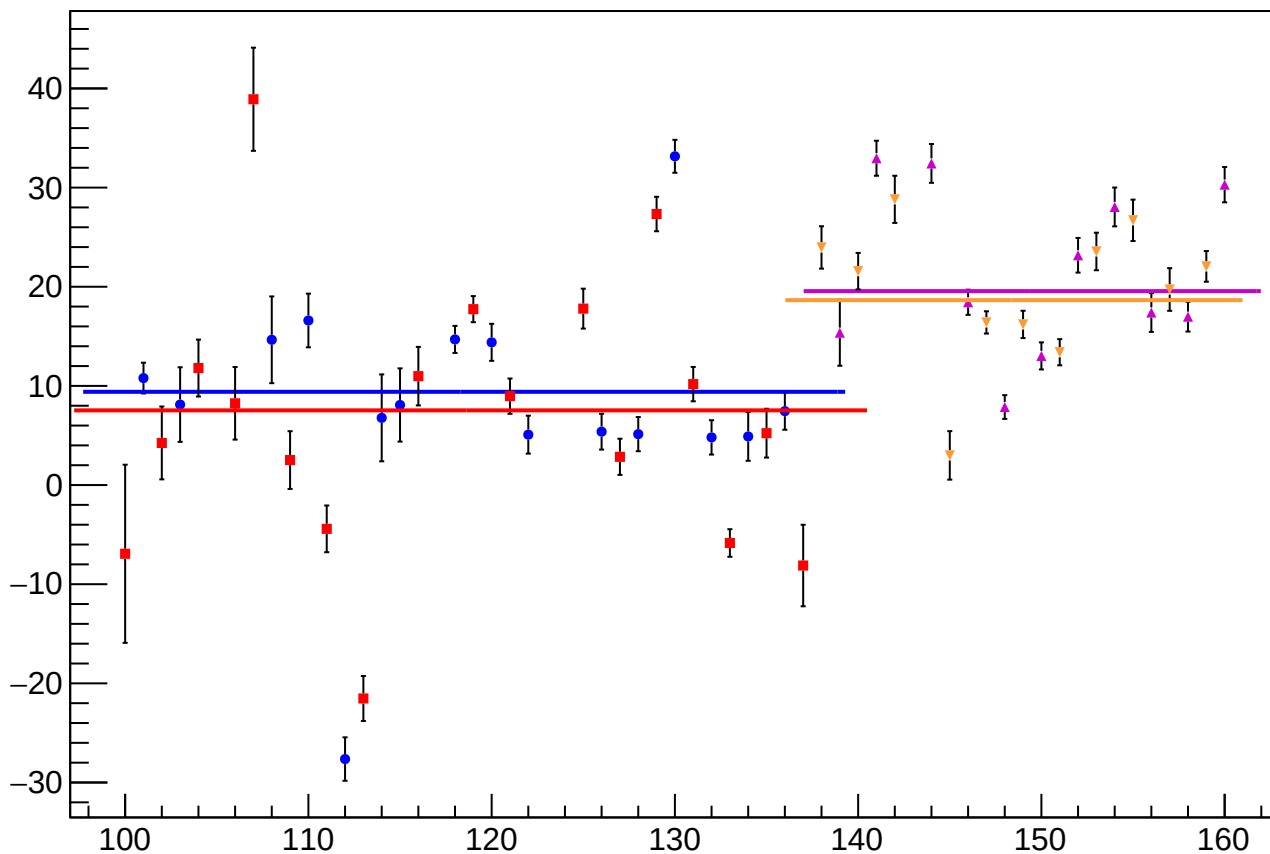
Right Out: 64.655 $\pm$ 0.840 χ^2 /NDF: 1721.8/17

Left In: 20.339 $\pm$ 0.594 χ^2 /NDF: 697.8/10

35.043 $\pm$ 0.496 χ^2 /NDF: 3686.9/26

35.096 $\pm$ 0.485 χ^2 /NDF: 4275.9/28

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 $\chi^2/\text{NDF}: 549.5/15$

Left Out: 18.649 ± 0.507 $\chi^2/\text{NDF}: 117.7/10$

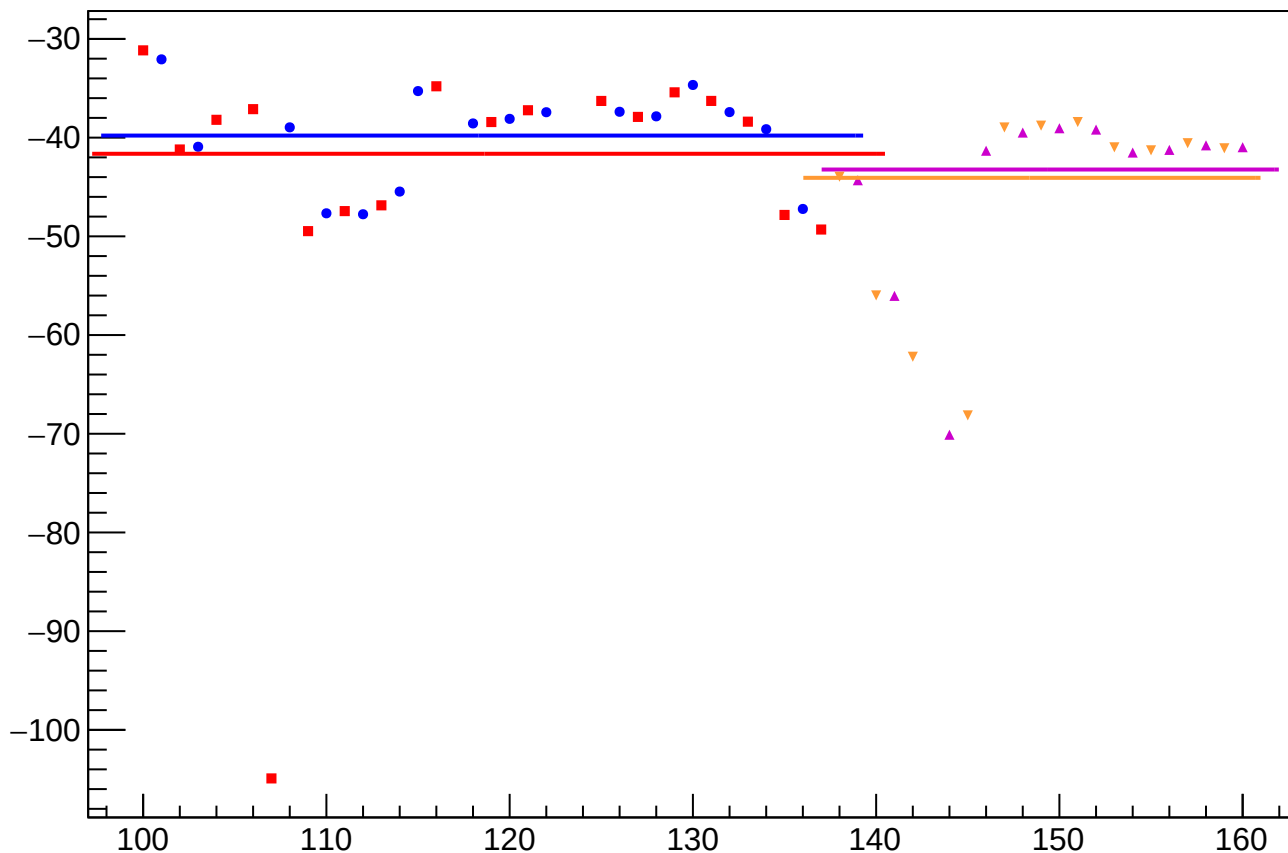
Right Out: 7.533 ± 0.515 $\chi^2/\text{NDF}: 569.8/17$

Left In: 19.561 ± 0.492 $\chi^2/\text{NDF}: 285.3/10$

14.028 ± 0.358 $\chi^2/\text{NDF}: 833.7/26$

13.823 ± 0.356 $\chi^2/\text{NDF}: 1140.5/28$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 ± 0.031 $\chi^2/\text{NDF}: 26138.6/15$

Left Out: -44.072 ± 0.025 $\chi^2/\text{NDF}: 115207.5/10$

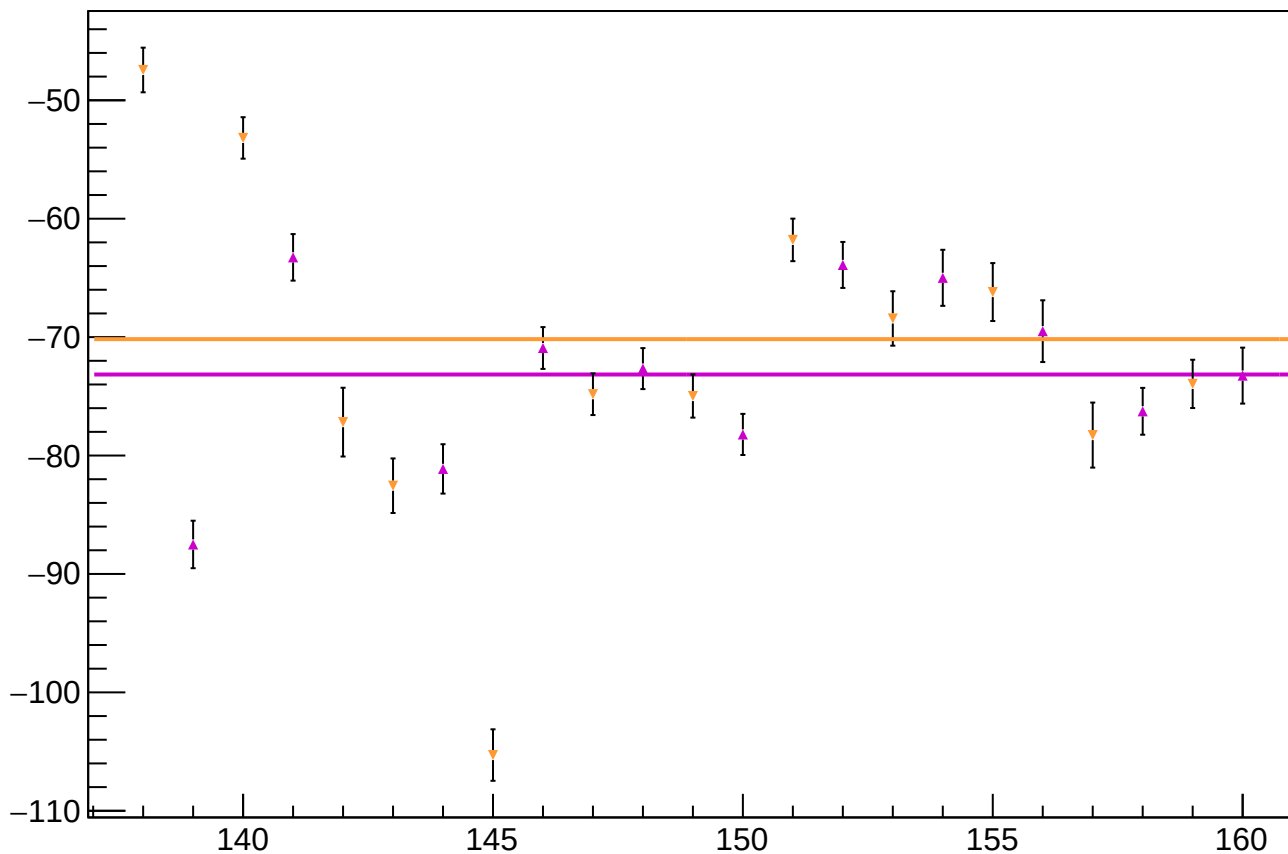
Right Out: -41.635 ± 0.031 $\chi^2/\text{NDF}: 94393.1/17$

Left In: -43.231 ± 0.023 $\chi^2/\text{NDF}: 95279.5/10$

-42.426 ± 0.019 $\chi^2/\text{NDF}: 152916.9/26$

-42.659 ± 0.019 $\chi^2/\text{NDF}: 191348.7/28$

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -70.171+/-0.599 χ^2/NDF : 586.3/11

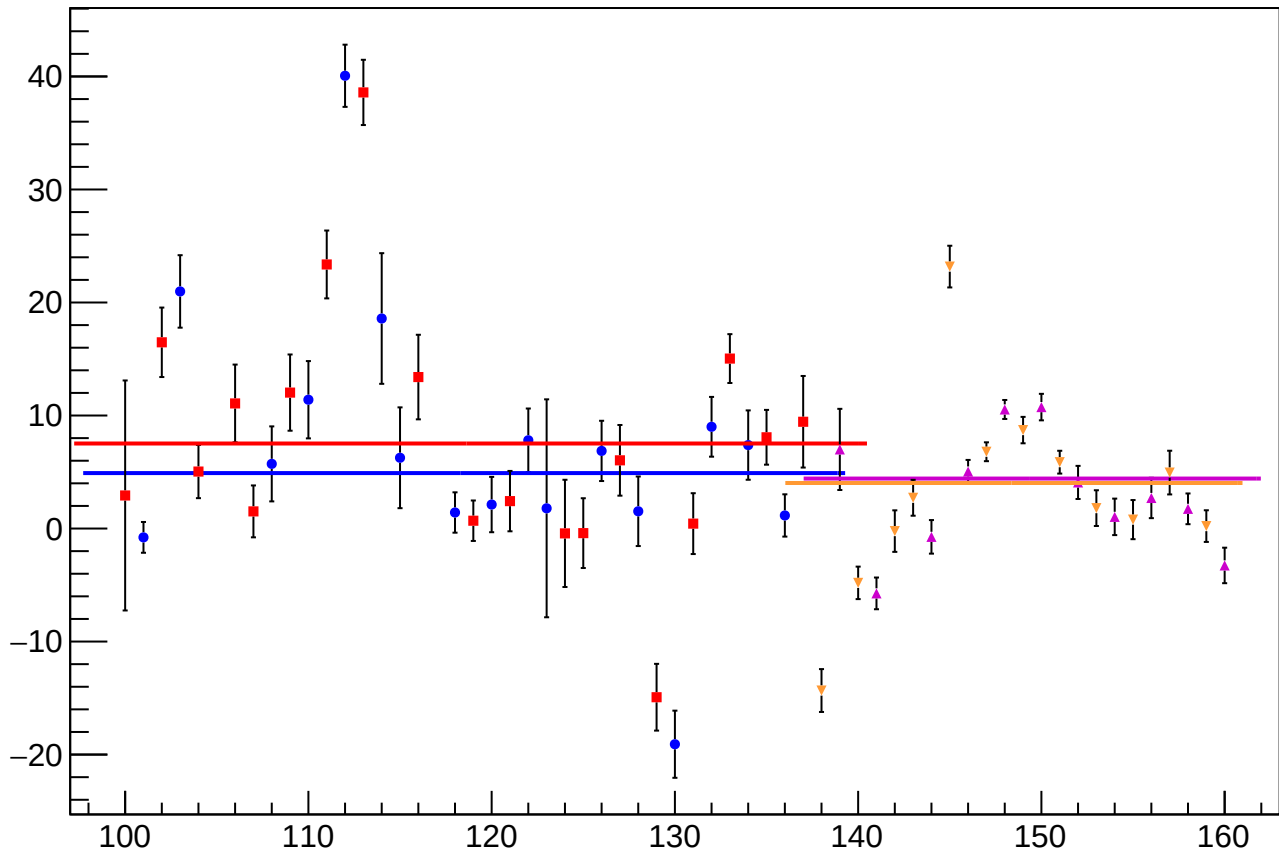
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.157+/-0.603 χ^2/NDF : 140.4/10

-70.171+/-0.599 χ^2/NDF : 586.3/11

-73.157+/-0.603 χ^2/NDF : 140.4/10

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: 4.030 ± 0.395 χ^2/NDF : 288.9/11

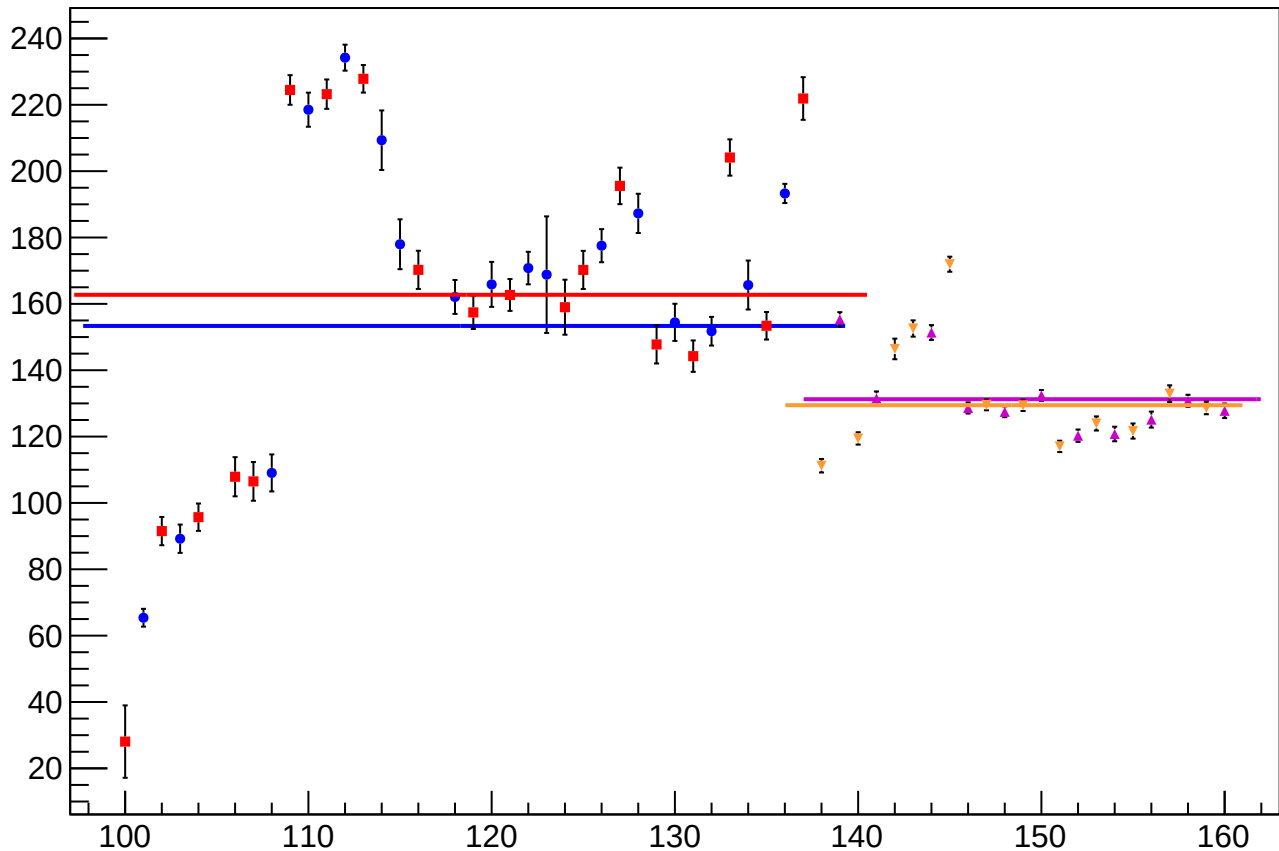
Right Out: 7.523 ± 0.651 χ^2/NDF : 270.6/18

Left In: 4.422 ± 0.400 χ^2/NDF : 180.7/10

4.278 ± 0.334 χ^2/NDF : 585.7/28

5.274 ± 0.341 χ^2/NDF : 467.8/29

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 ± 1.150 χ^2/NDF : 2268.3/16

Left Out: 129.452 ± 0.588 χ^2/NDF : 650.0/11

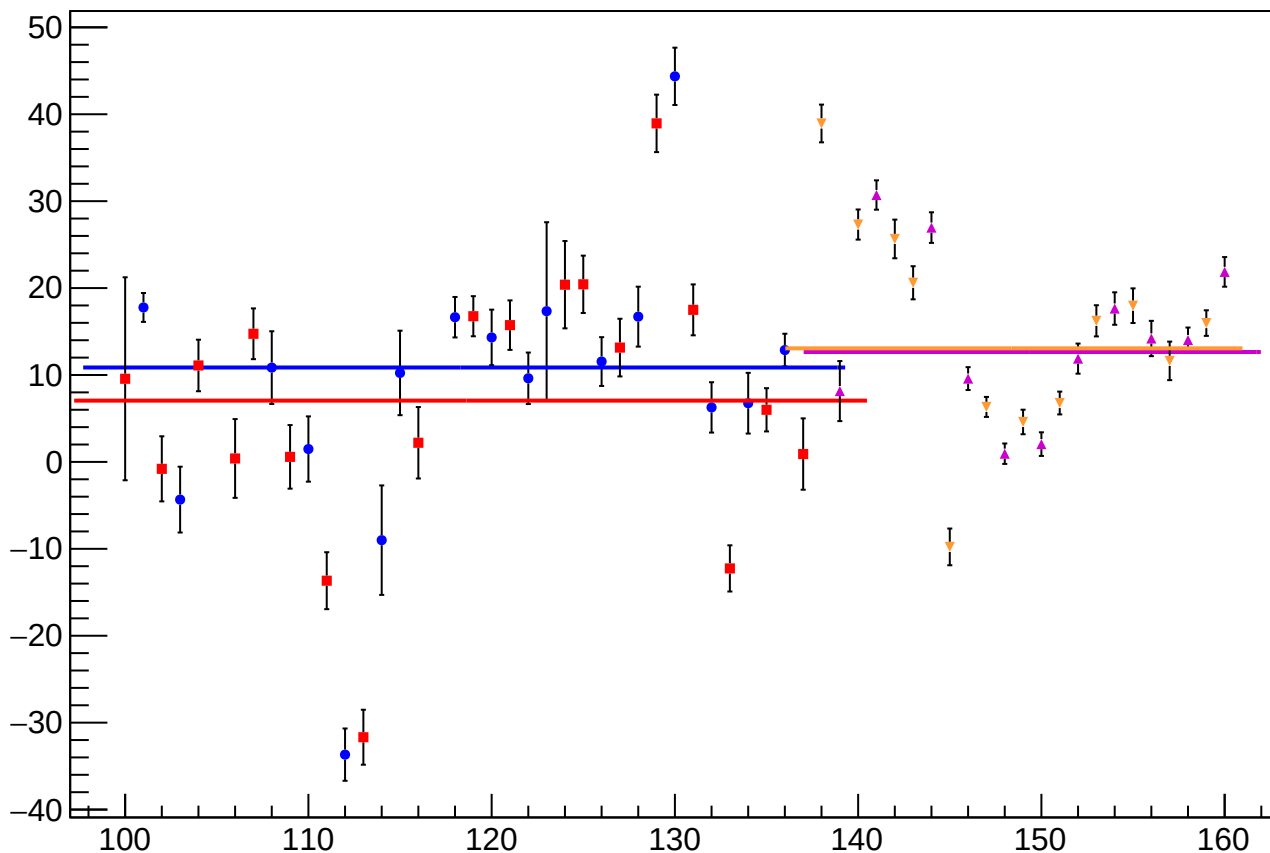
Right Out: 162.734 ± 1.177 χ^2/NDF : 1708.8/18

Left In: 131.260 ± 0.585 χ^2/NDF : 279.0/10

134.403 ± 0.524 χ^2/NDF : 3260.5/28

137.489 ± 0.524 χ^2/NDF : 2561.4/29

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 $\pm$ 0.719 χ^2/NDF : 387.9/16

Left Out: 13.068 $\pm$ 0.482 χ^2/NDF : 481.0/11

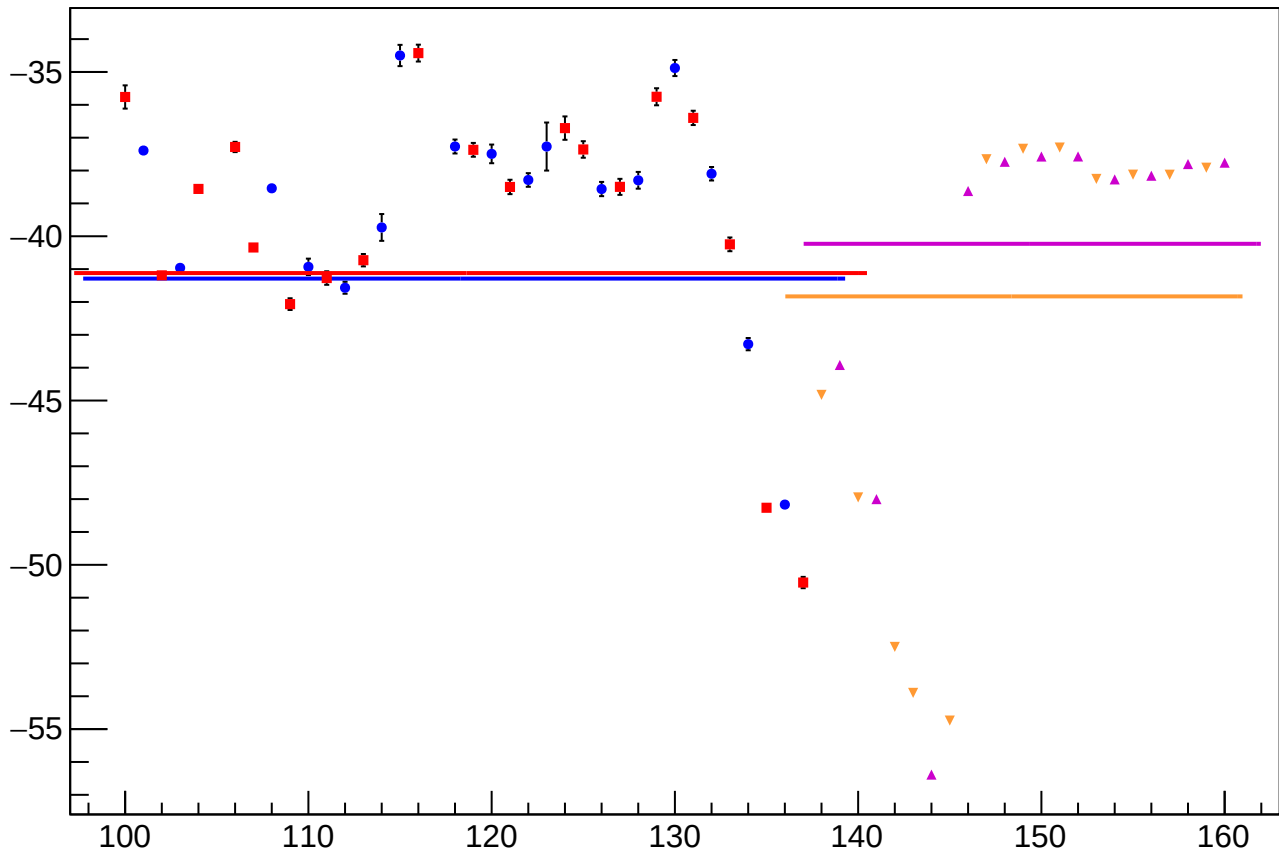
Right Out: 7.052 $\pm$ 0.748 χ^2/NDF : 424.7/18

Left In: 12.646 $\pm$ 0.483 χ^2/NDF : 385.8/10

12.386 $\pm$ 0.400 χ^2/NDF : 875.4/28

11.000 $\pm$ 0.405 χ^2/NDF : 850.1/29

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 χ^2/NDF : 12509.1/16

Left Out: -41.830 ± 0.023 χ^2/NDF : 69929.4/11

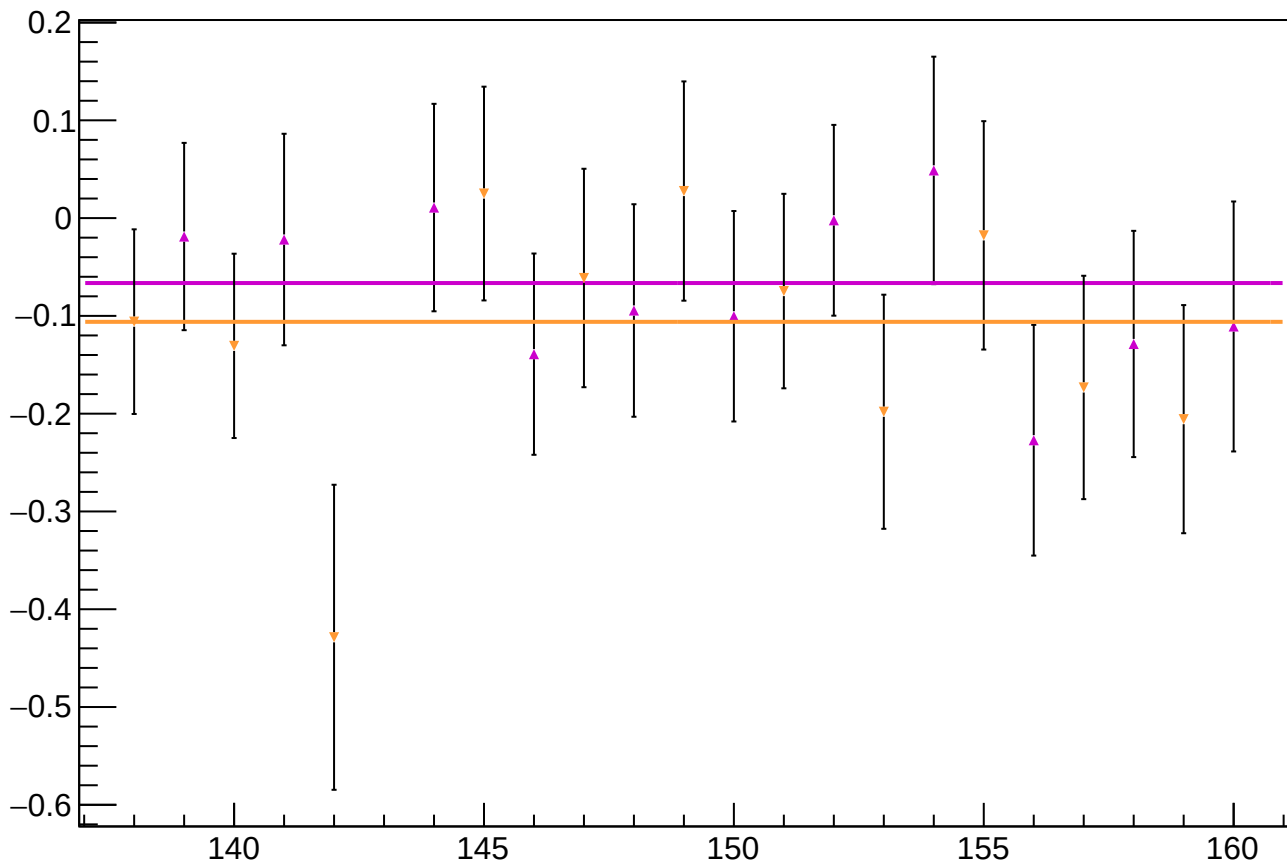
Right Out: -41.120 ± 0.039 χ^2/NDF : 12110.6/18

Left In: -40.230 ± 0.023 χ^2/NDF : 46302.5/10

-41.684 ± 0.020 χ^2/NDF : 82582.2/28

-40.462 ± 0.020 χ^2/NDF : 58804.9/29

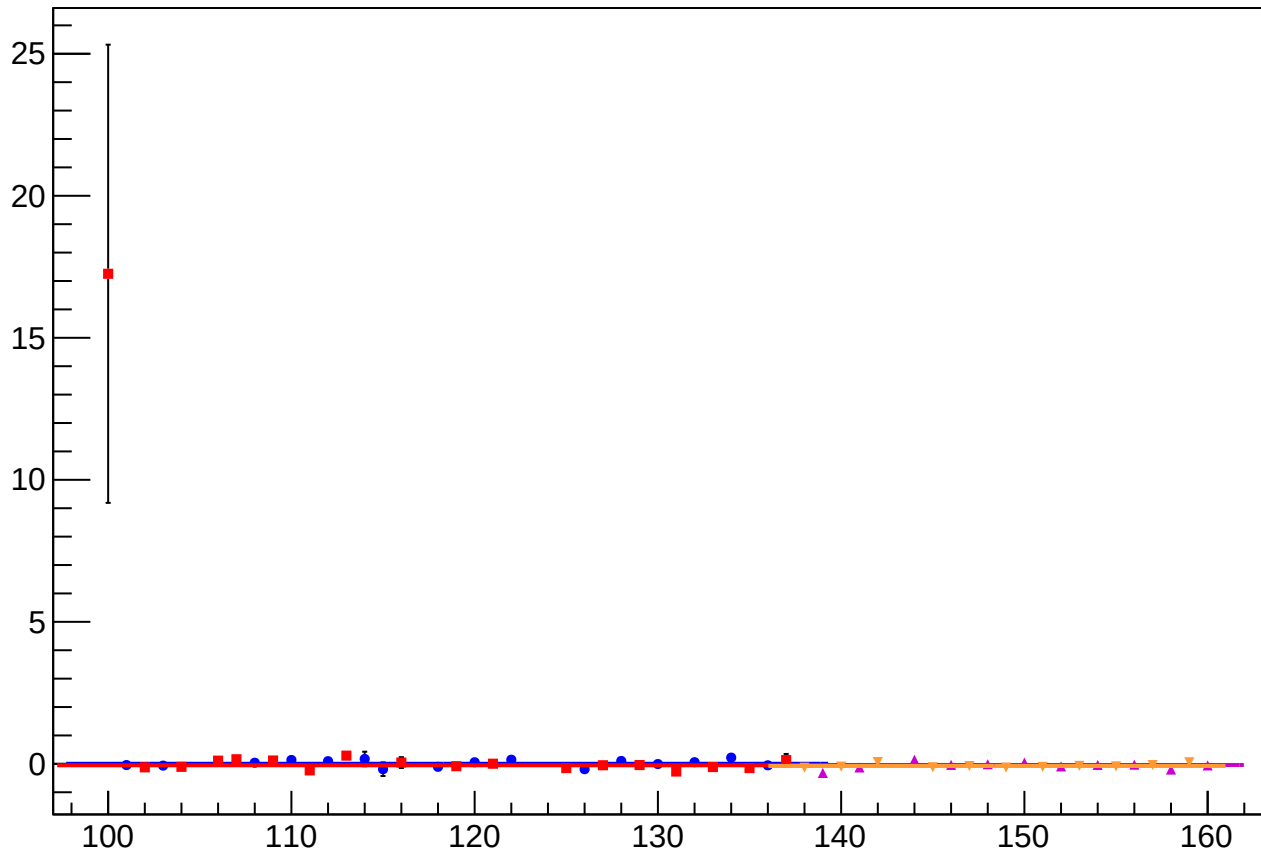
reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.106+/-0.033 χ^2/NDF : 9.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.066+/-0.033 χ^2/NDF : 5.3/10

-0.106+/-0.033 χ^2/NDF : 9.7/10
 -0.066+/-0.033 χ^2/NDF : 5.3/10

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 ± 0.029 χ^2/NDF : 12.4/15

Left Out: -0.074 ± 0.023 χ^2/NDF : 6.4/10

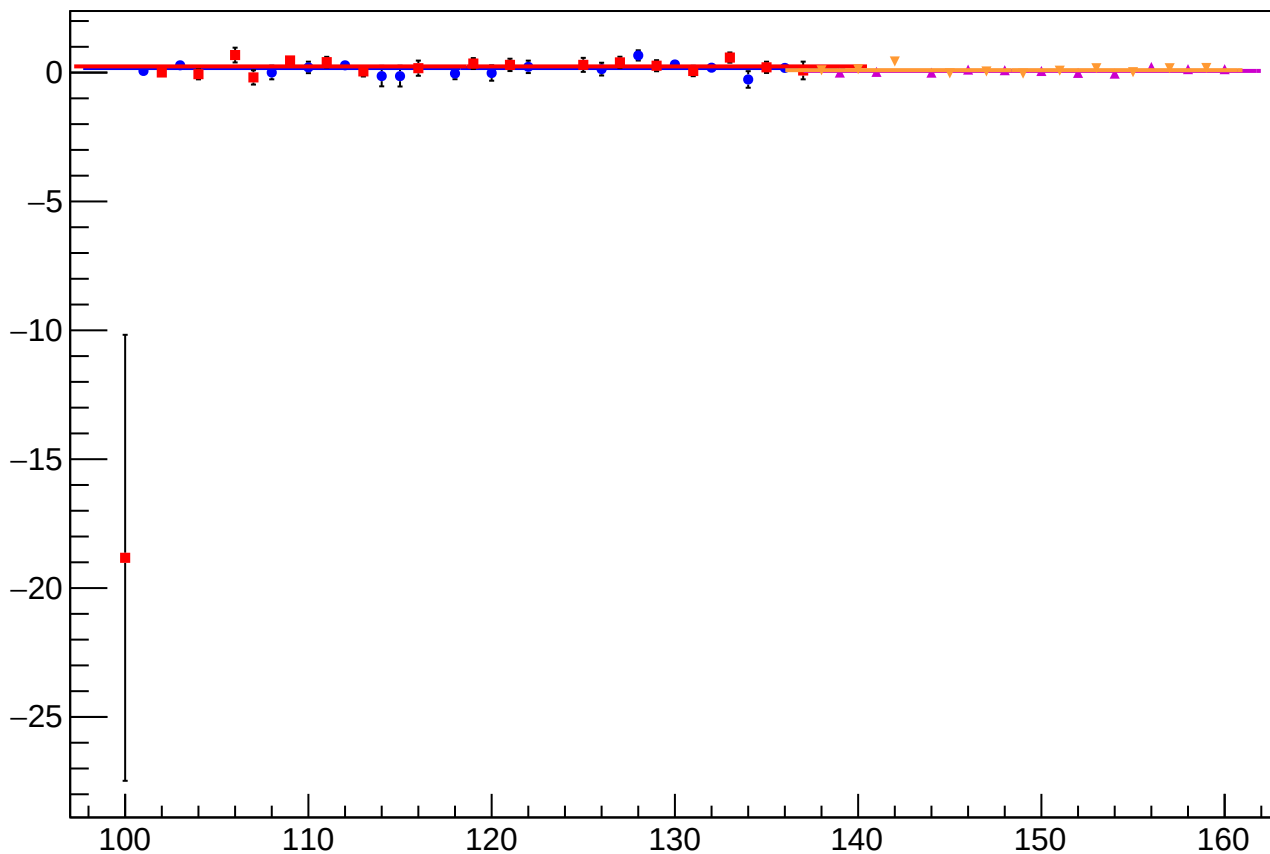
Right Out: -0.050 ± 0.029 χ^2/NDF : 25.6/17

Left In: -0.039 ± 0.023 χ^2/NDF : 16.1/10

-0.044 ± 0.018 χ^2/NDF : 23.3/26

-0.043 ± 0.018 χ^2/NDF : 41.7/28

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176 $\pm$ 0.053 χ^2 /NDF: 13.0/15

Left Out: 0.093 $\pm$ 0.033 χ^2 /NDF: 9.4/10

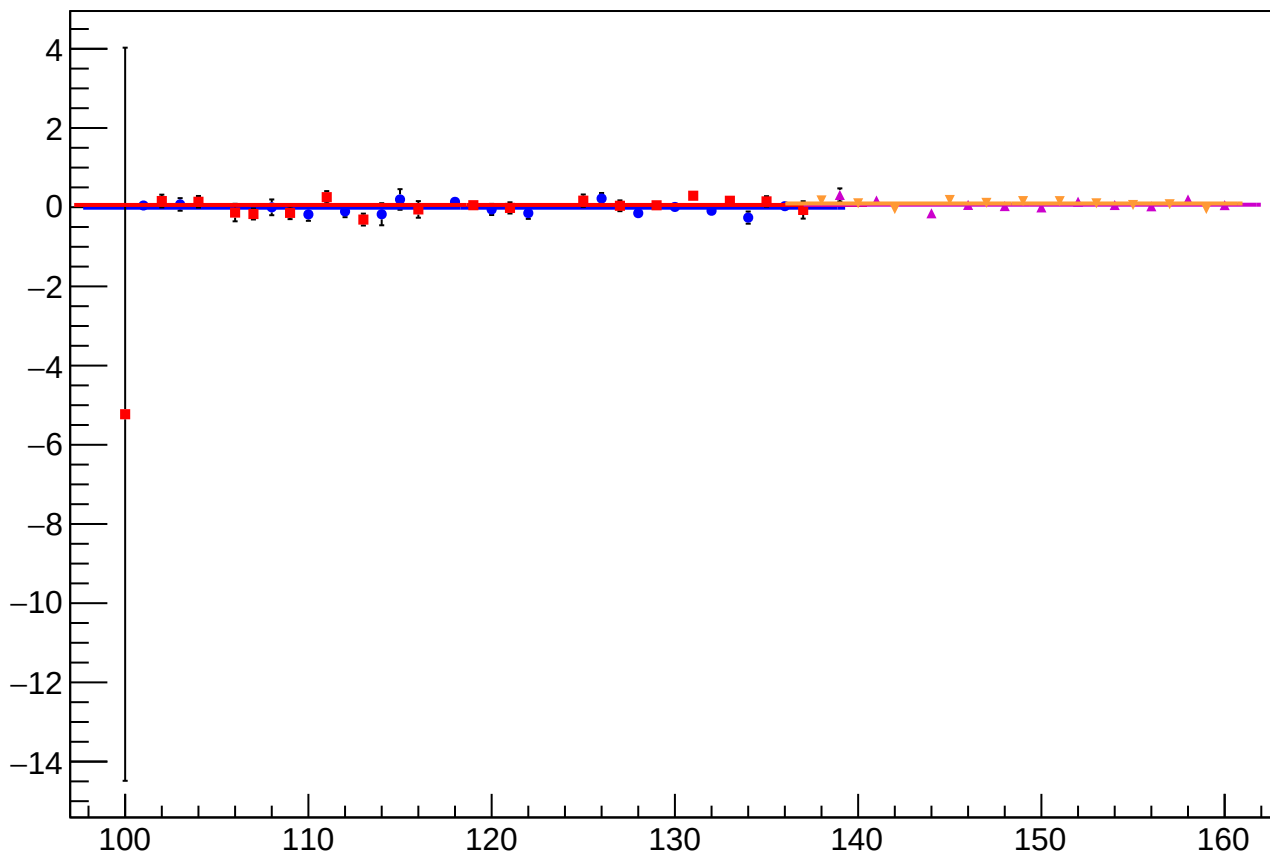
Right Out: 0.240 $\pm$ 0.054 χ^2 /NDF: 21.6/17

Left In: 0.065 $\pm$ 0.032 χ^2 /NDF: 5.5/10

0.116 $\pm$ 0.028 χ^2 /NDF: 24.2/26

0.110 $\pm$ 0.027 χ^2 /NDF: 34.9/28

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.094 ± 0.027 χ^2/NDF : 6.6/10

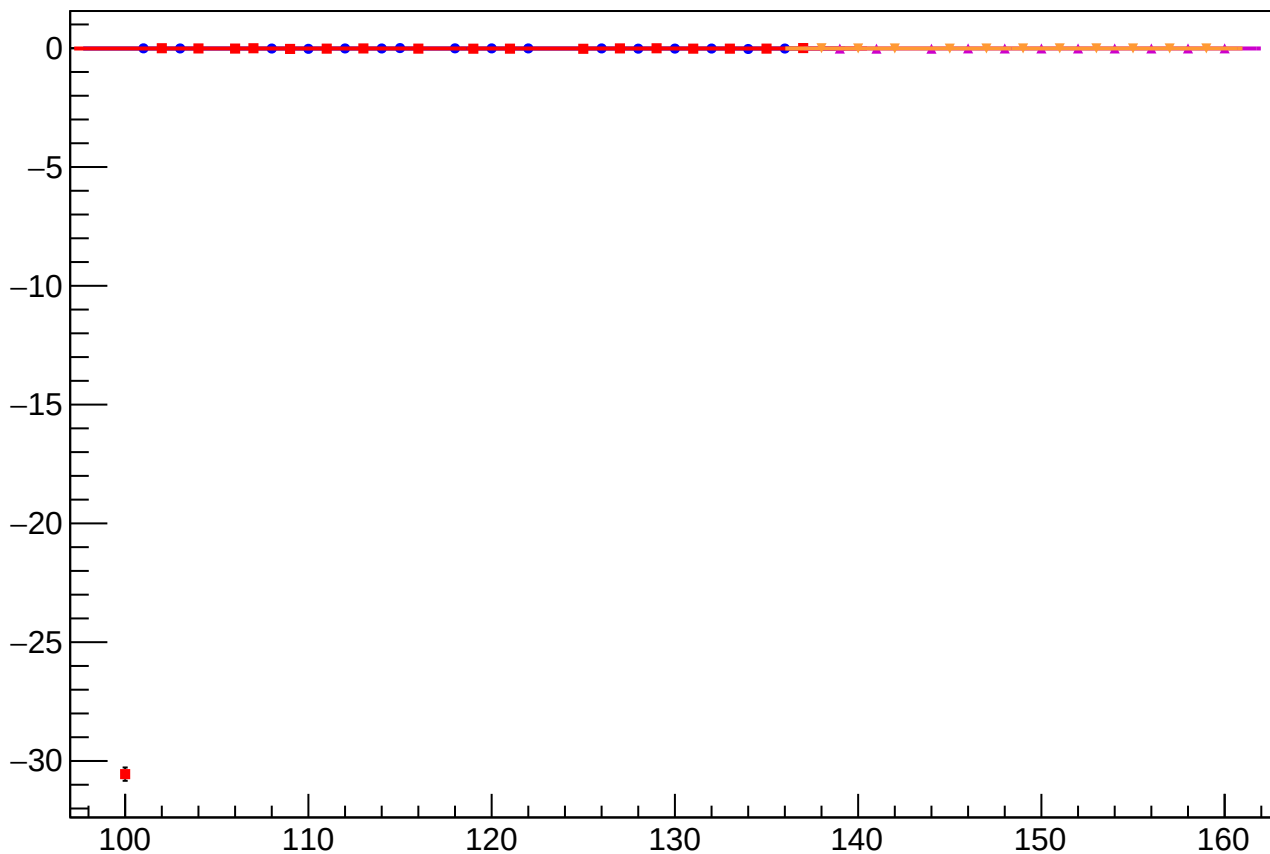
Right Out: 0.057 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.063 ± 0.027 χ^2/NDF : 13.7/10

0.050 ± 0.021 χ^2/NDF : 26.5/26

0.060 ± 0.021 χ^2/NDF : 34.1/28

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 $\chi^2/\text{NDF}: 12.8/15$

Left Out: -0.009 ± 0.001 $\chi^2/\text{NDF}: 8.2/10$

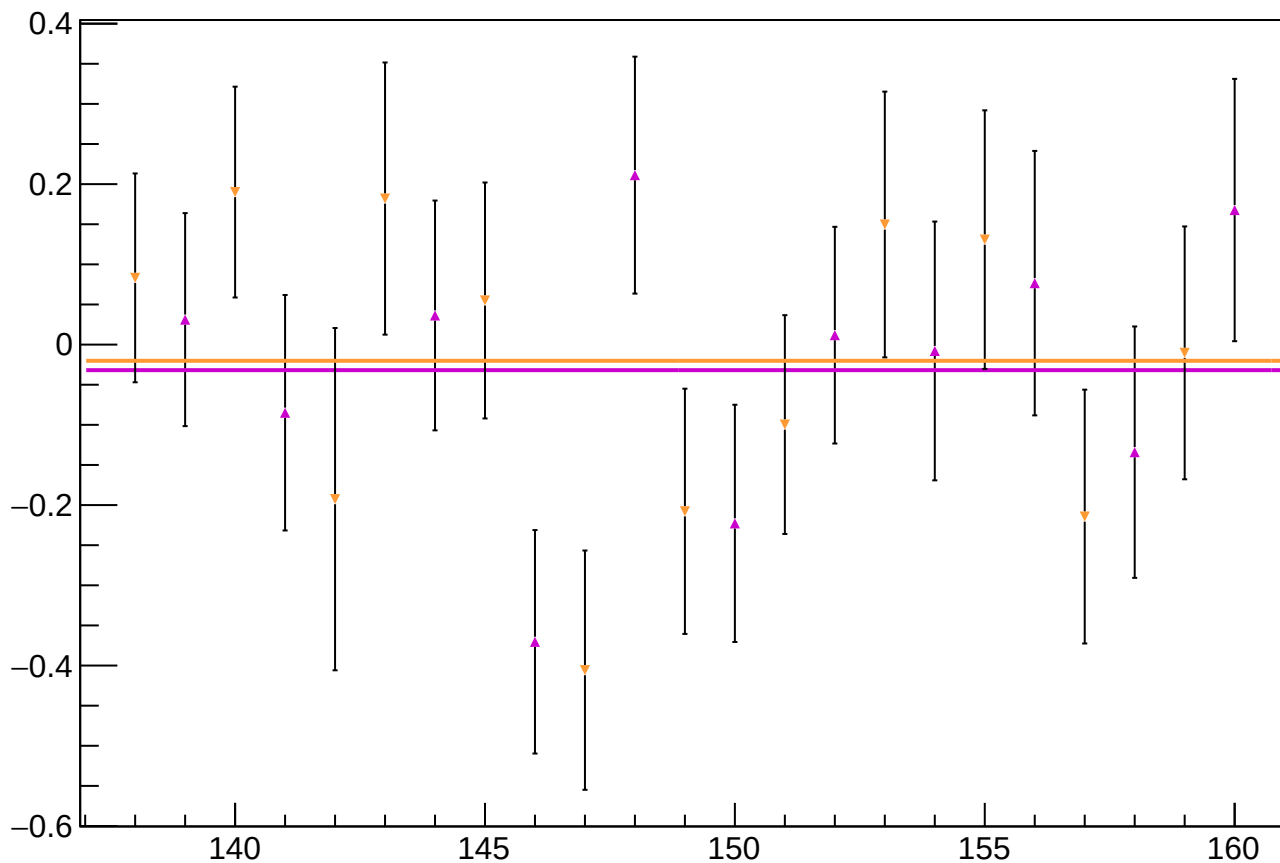
Right Out: -0.012 ± 0.002 $\chi^2/\text{NDF}: 11891.4/17$

Left In: -0.011 ± 0.001 $\chi^2/\text{NDF}: 10.4/10$

-0.010 ± 0.001 $\chi^2/\text{NDF}: 22.9/26$

-0.011 ± 0.001 $\chi^2/\text{NDF}: 11902.2/28$

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.020+/-0.044 χ^2/NDF : 17.5/11

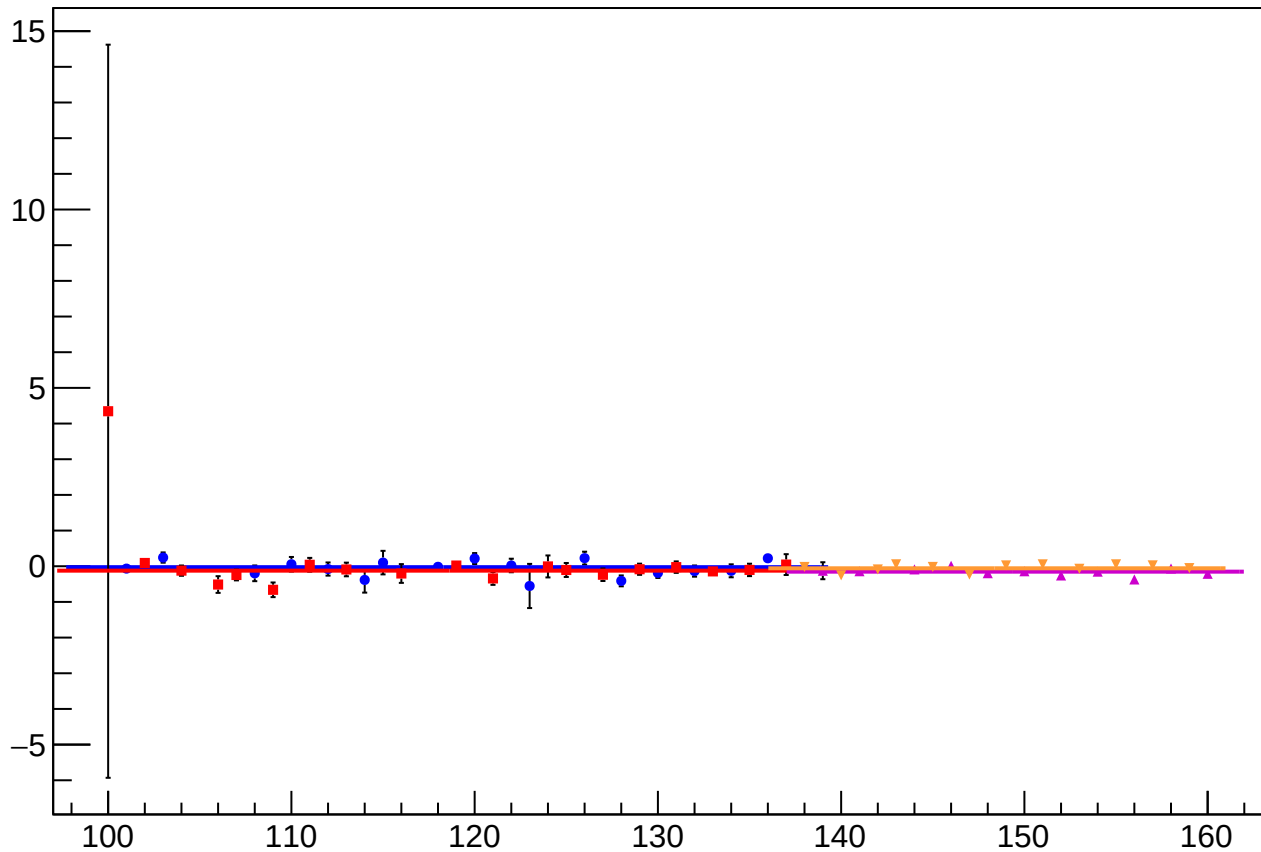
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.032+/-0.045 χ^2/NDF : 13.3/10

-0.020+/-0.044 χ^2/NDF : 17.5/11

-0.032+/-0.045 χ^2/NDF : 13.3/10

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

-0.045 ± 0.023 χ^2/NDF : 37.8/28

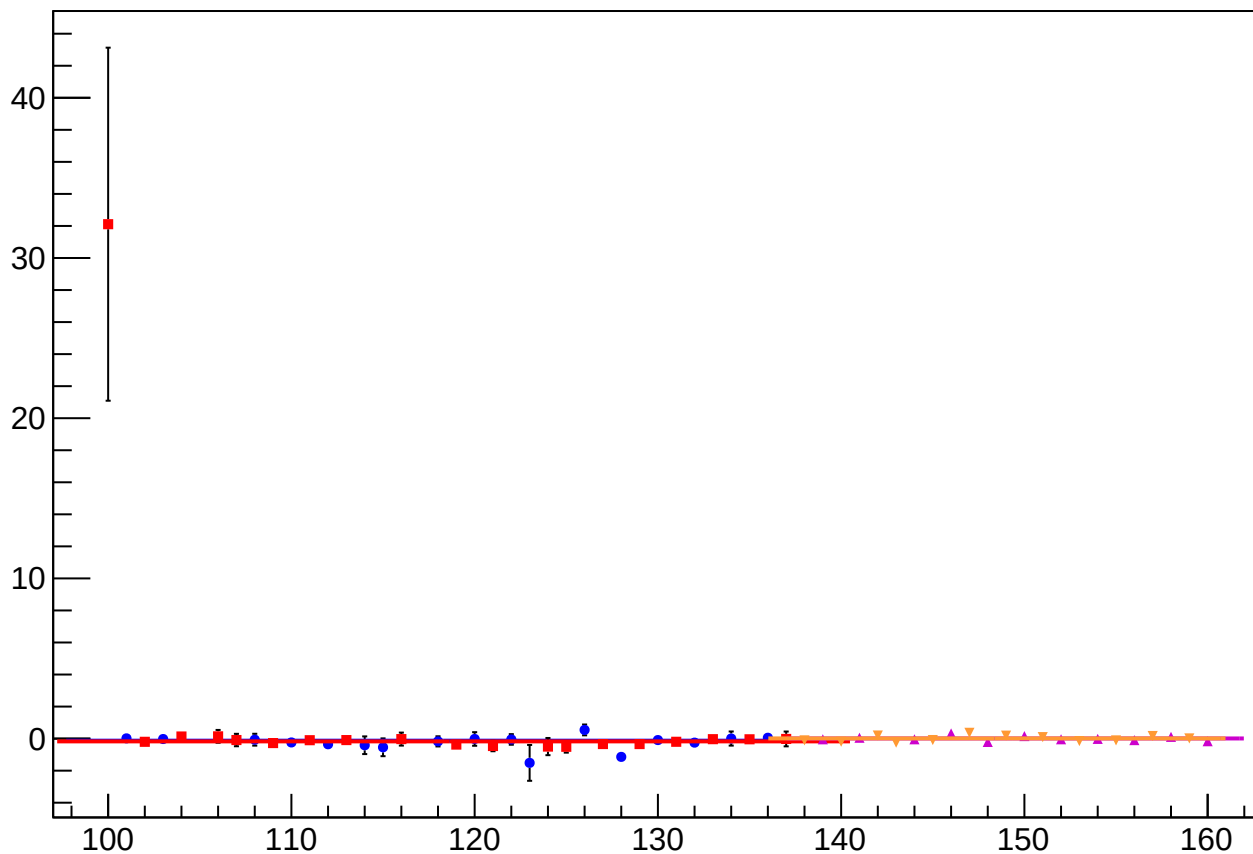
Left Out: -0.057 ± 0.030 χ^2/NDF : 14.7/11

Right Out: -0.124 ± 0.039 χ^2/NDF : 18.3/18

-0.141 ± 0.024 χ^2/NDF : 29.1/29

Left In: -0.152 ± 0.031 χ^2/NDF : 10.5/10

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

Left Out: 0.013 ± 0.043 χ^2/NDF : 17.2/11

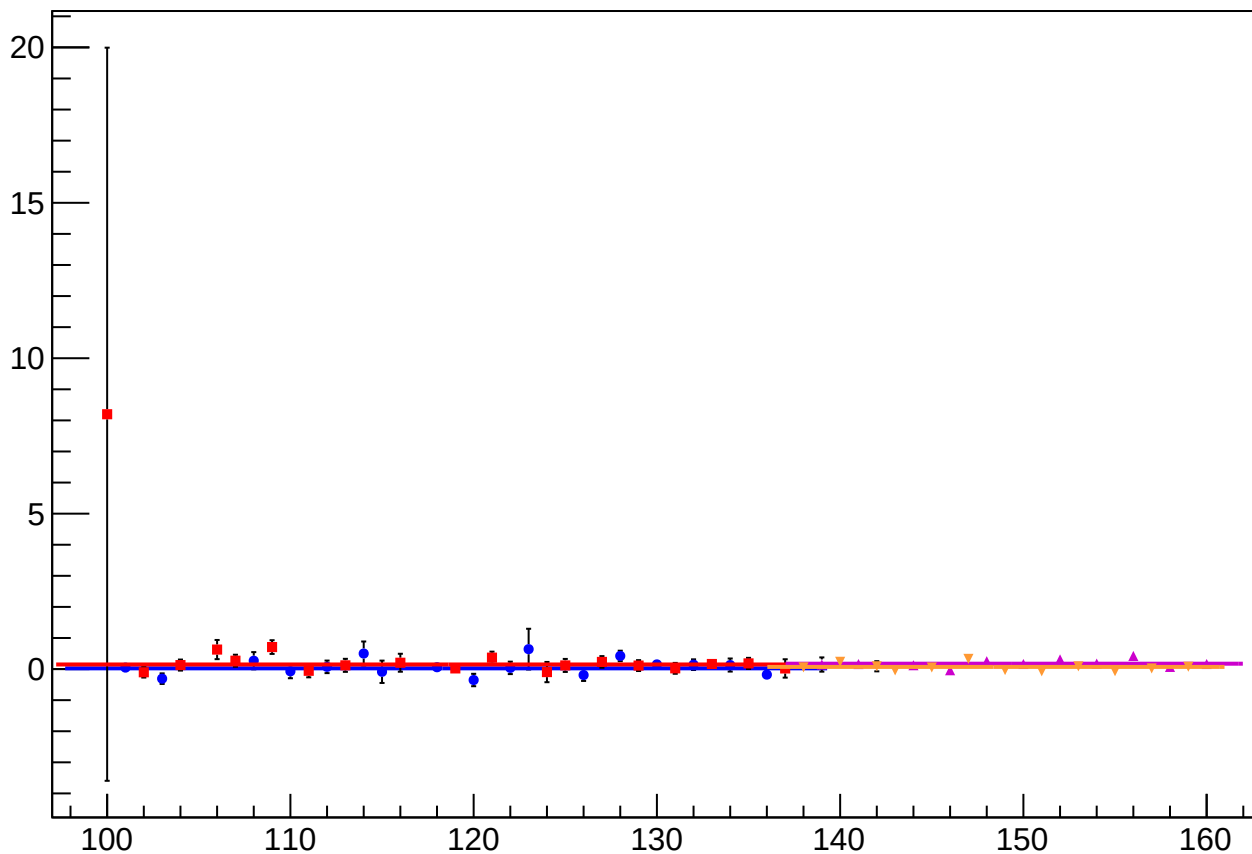
Right Out: -0.172 ± 0.071 χ^2/NDF : 14.9/18

Left In: 0.010 ± 0.043 χ^2/NDF : 11.9/10

-0.029 ± 0.036 χ^2/NDF : 43.5/28

-0.040 ± 0.037 χ^2/NDF : 31.6/29

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 ± 0.043 χ^2/NDF : 21.3/16

Left Out: 0.070 ± 0.036 χ^2/NDF : 13.3/11

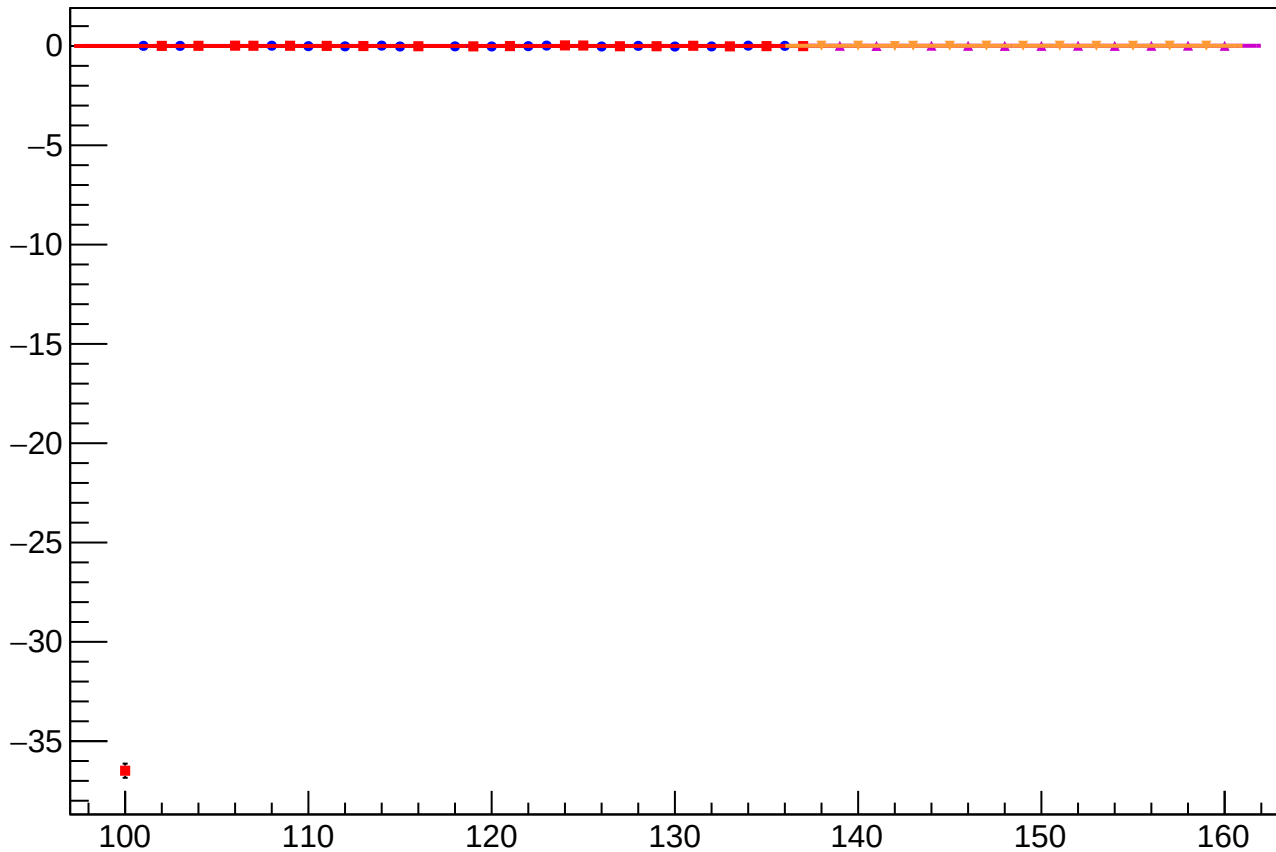
Right Out: 0.148 ± 0.045 χ^2/NDF : 16.6/18

Left In: 0.173 ± 0.036 χ^2/NDF : 10.7/10

0.050 ± 0.028 χ^2/NDF : 35.3/28

0.163 ± 0.028 χ^2/NDF : 27.5/29

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2/NDF : 30.6/16

Left Out: 0.011 $\pm$ 0.002 χ^2/NDF : 5.5/11

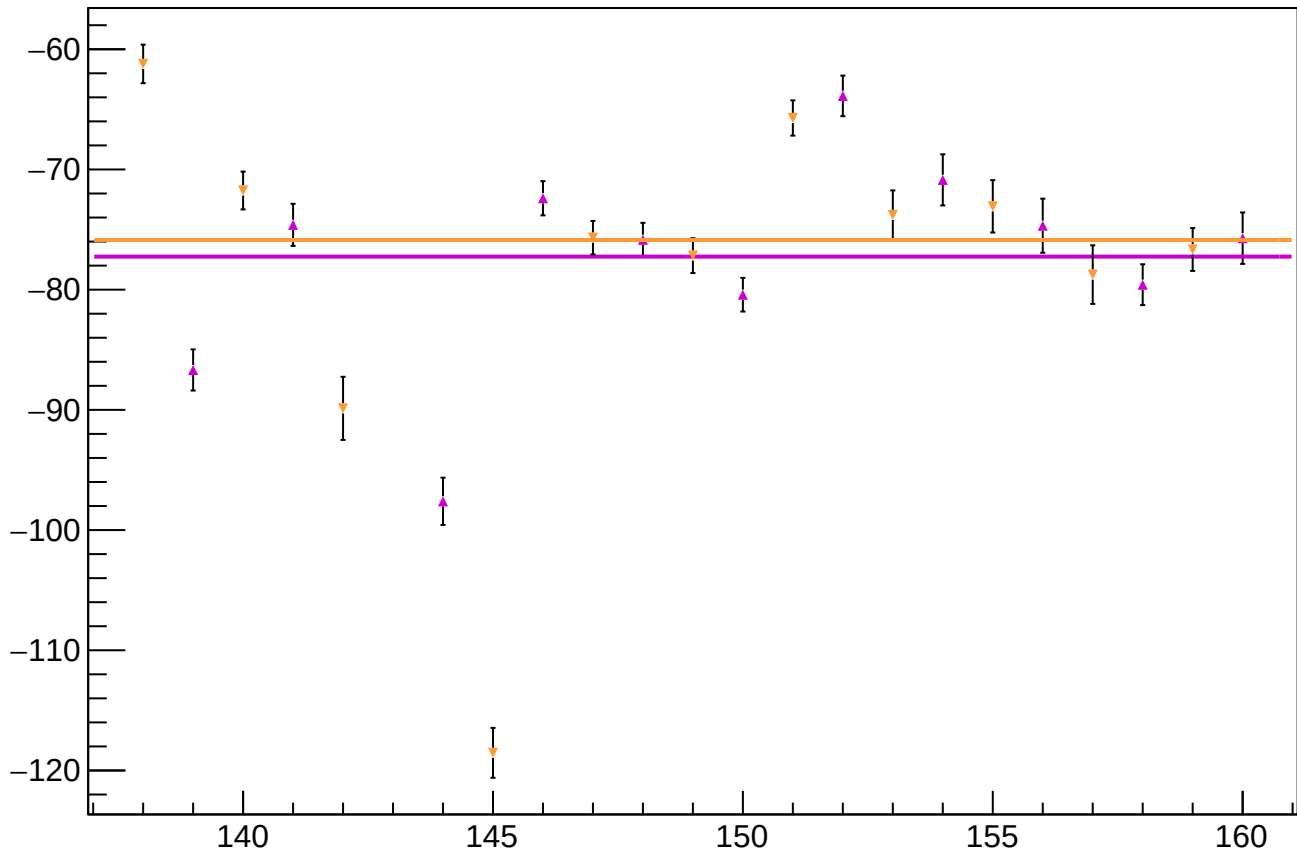
Right Out: 0.001 $\pm$ 0.002 χ^2/NDF : 10449.1/18

Left In: 0.011 $\pm$ 0.002 χ^2/NDF : 4.7/10

0.007 $\pm$ 0.001 χ^2/NDF : 47.4/28

0.007 $\pm$ 0.001 χ^2/NDF : 10466.3/29

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.868+/-0.530 χ^2/NDF : 594.6/10

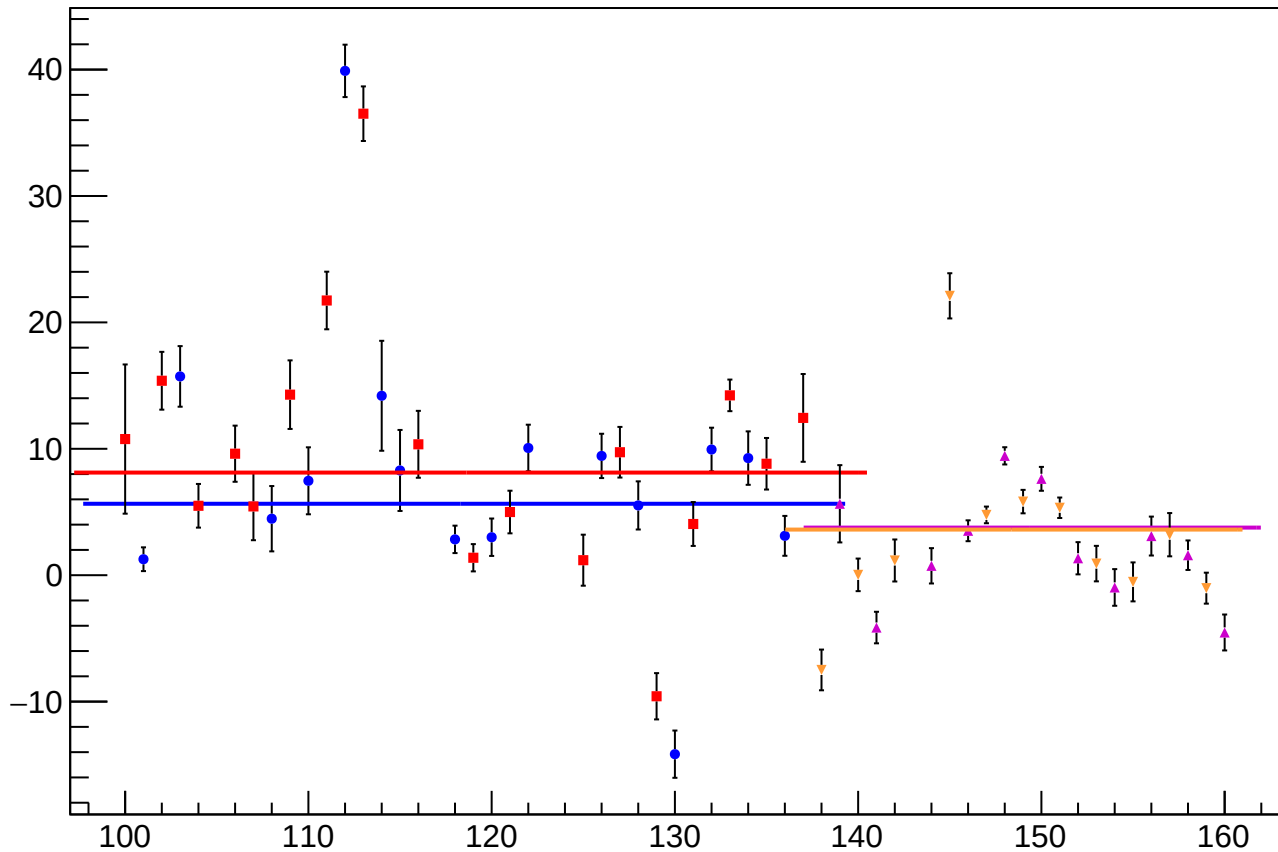
-75.868+/-0.530 χ^2/NDF : 594.6/10

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

-77.249+/-0.515 χ^2/NDF : 233.0/10

Left In: -77.249+/-0.515 χ^2/NDF : 233.0/10

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.651 $\pm$ 0.429 χ^2 /NDF: 461.9/15

Left Out: 3.609 $\pm$ 0.341 χ^2 /NDF:202.9/10

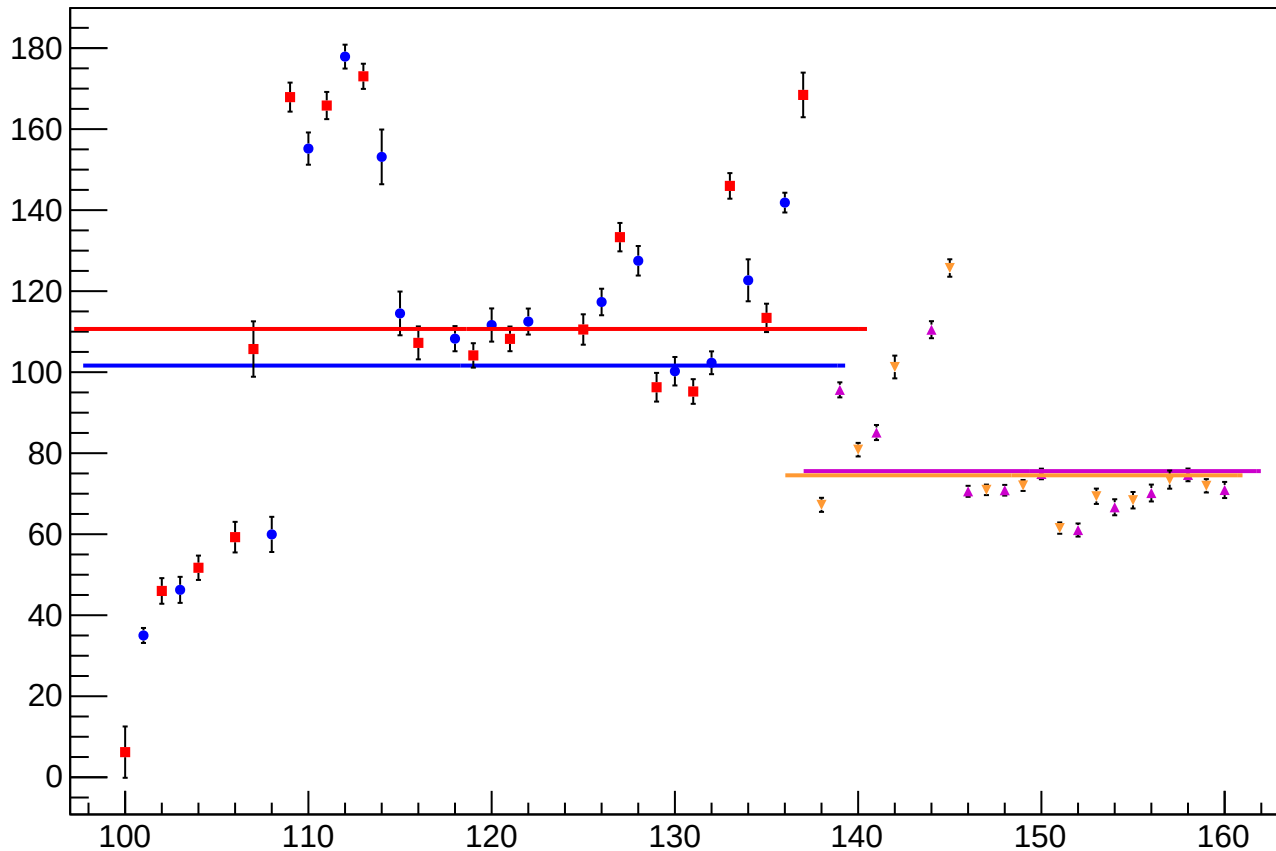
Right Out: 8.119 $\pm$ 0.453 χ^2 /NDF: 407.9/17

Left In: 3.766 $\pm$ 0.338 χ^2 /NDF:183.3/10

4.400 $\pm$ 0.267 χ^2 /NDF: 678.7/26

5.326 $\pm$ 0.271 χ^2 /NDF: 650.5/28

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 ± 0.812 χ^2/NDF : 2980.2/15

Left Out: 74.539 ± 0.515 χ^2/NDF : 803.9/10

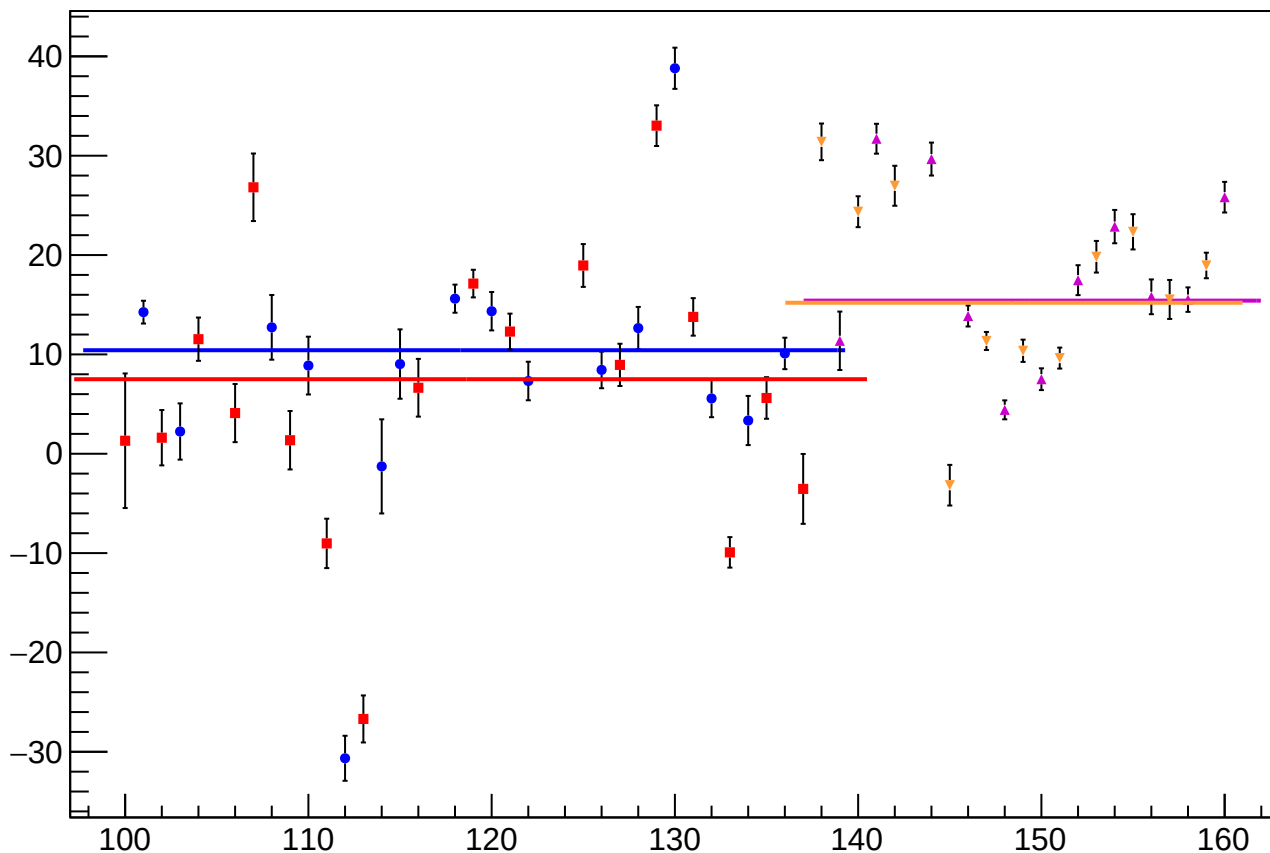
Right Out: 110.669 ± 0.836 χ^2/NDF : 2514.0/17

Left In: 75.577 ± 0.498 χ^2/NDF : 558.9/10

82.314 ± 0.435 χ^2/NDF : 4577.6/26

84.766 ± 0.428 χ^2/NDF : 4373.3/28

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 ± 0.497 $\chi^2/\text{NDF}: 579.7/15$

Left Out: 15.200 ± 0.420 $\chi^2/\text{NDF}: 324.1/10$

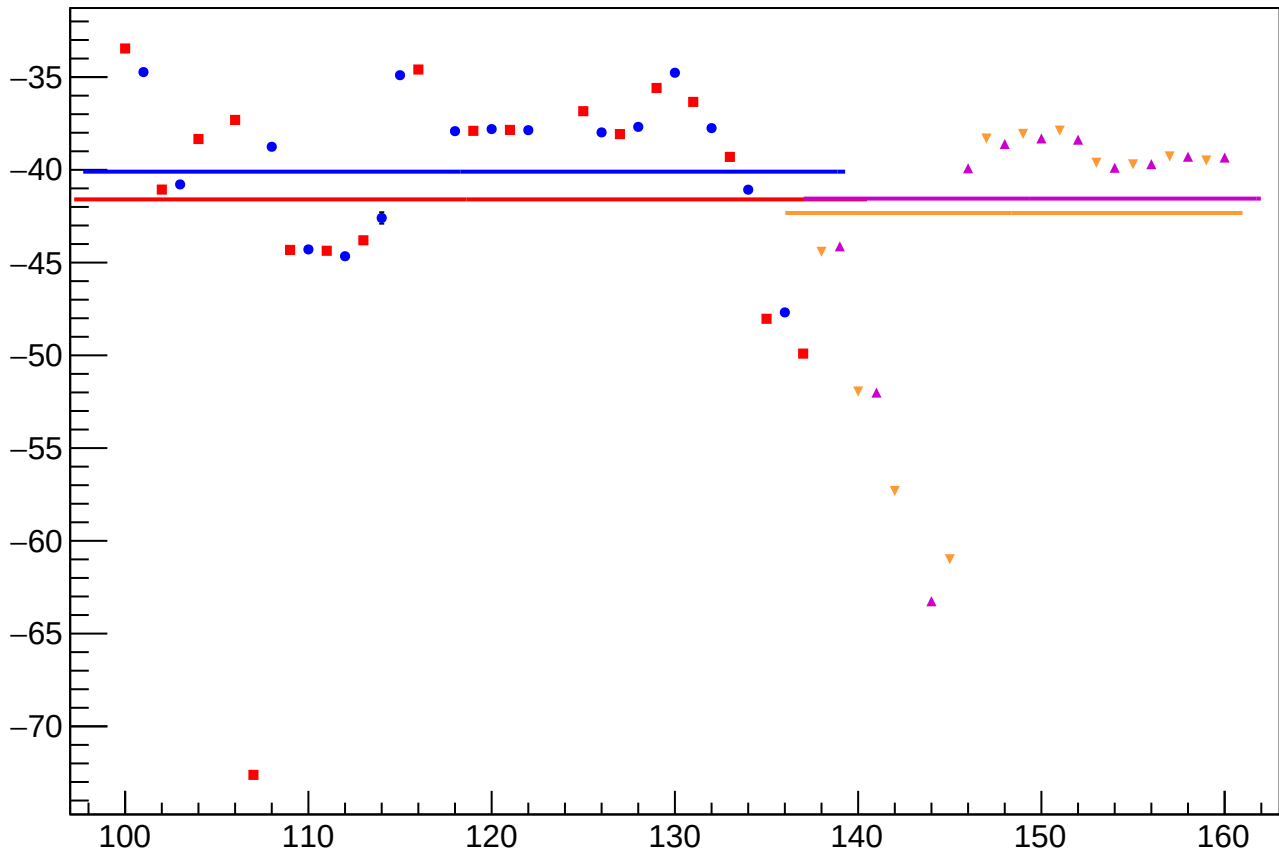
Right Out: 7.502 ± 0.523 $\chi^2/\text{NDF}: 689.4/17$

Left In: 15.412 ± 0.410 $\chi^2/\text{NDF}: 447.7/10$

13.211 ± 0.321 $\chi^2/\text{NDF}: 957.8/26$

12.404 ± 0.323 $\chi^2/\text{NDF}: 1278.8/28$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 $\pm$ 0.028 χ^2 /NDF: 25073.4/15

Left Out: -42.324 $\pm$ 0.021 χ^2 /NDF:105460.2/10

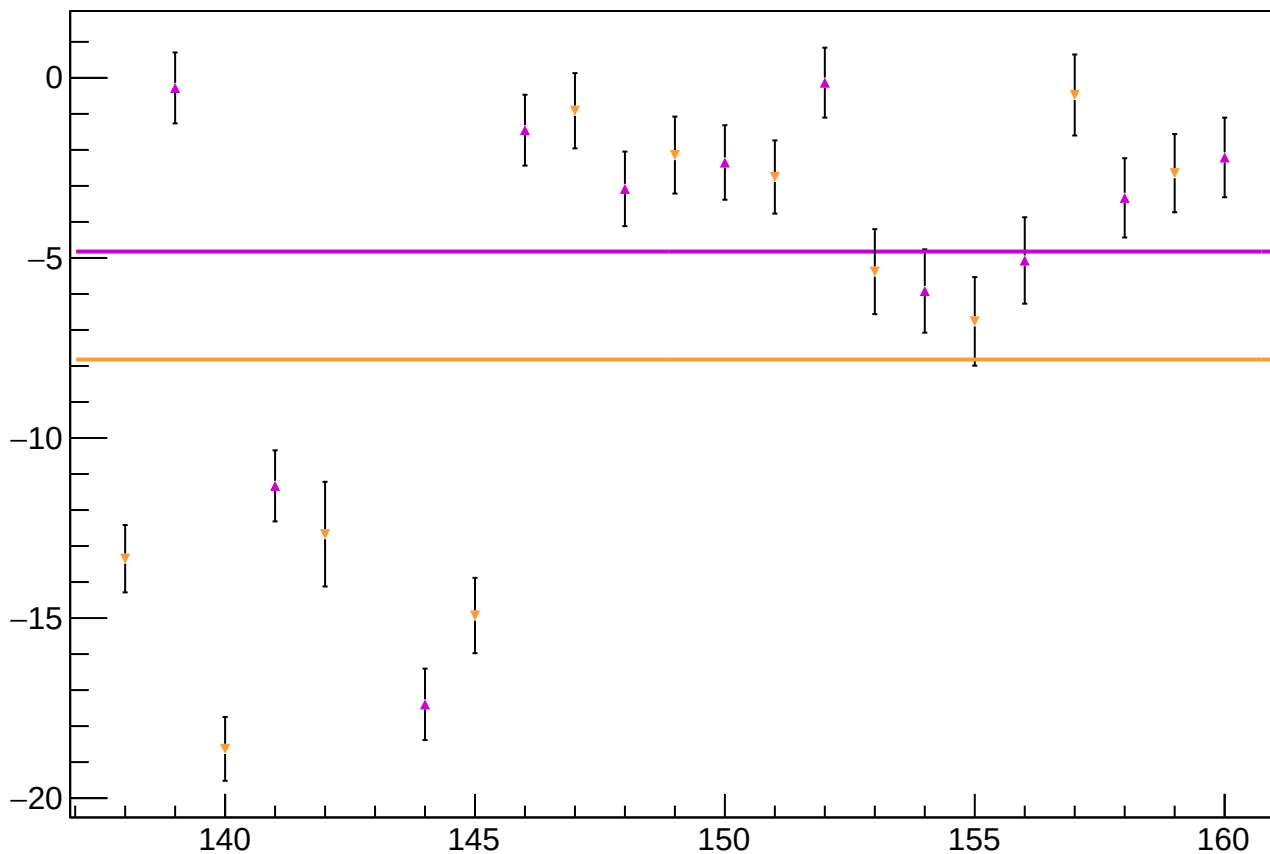
Right Out: -41.592 $\pm$ 0.029 χ^2 /NDF: 61677.7/17

Left In: -41.550 $\pm$ 0.020 χ^2 /NDF:89288.7/10

-41.547 $\pm$ 0.017 χ^2 /NDF: 134554.5/26

-41.564 $\pm$ 0.016 χ^2 /NDF: 150967.9/28

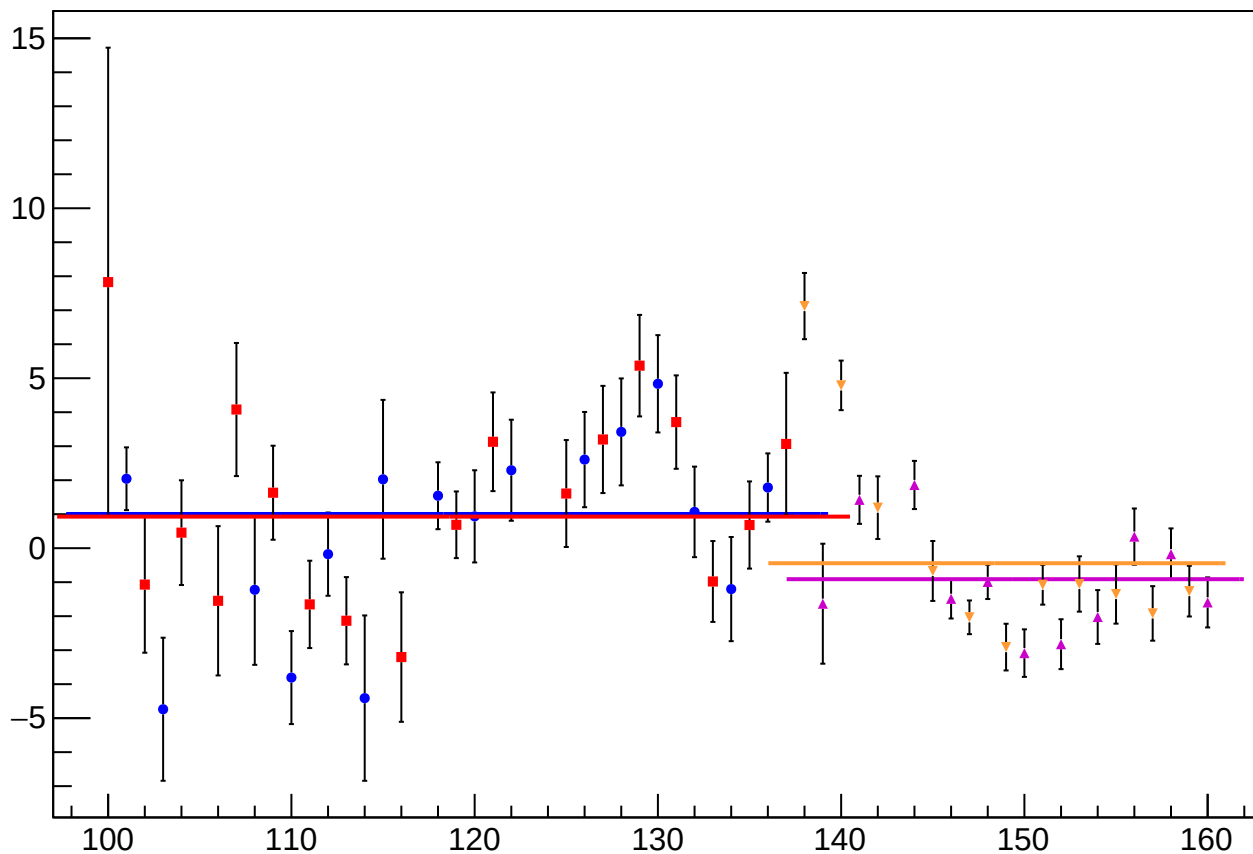
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -7.821+/-0.323 χ^2/NDF : 408.0/10
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -4.823+/-0.314 χ^2/NDF : 277.5/10

-7.821+/-0.323 χ^2/NDF : 408.0/10
-4.823+/-0.314 χ^2/NDF : 277.5/10

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 $\pm$ 0.342 χ^2 /NDF: 42.7/15

Left Out: -0.442 $\pm$ 0.220 χ^2 /NDF: 145.6/10

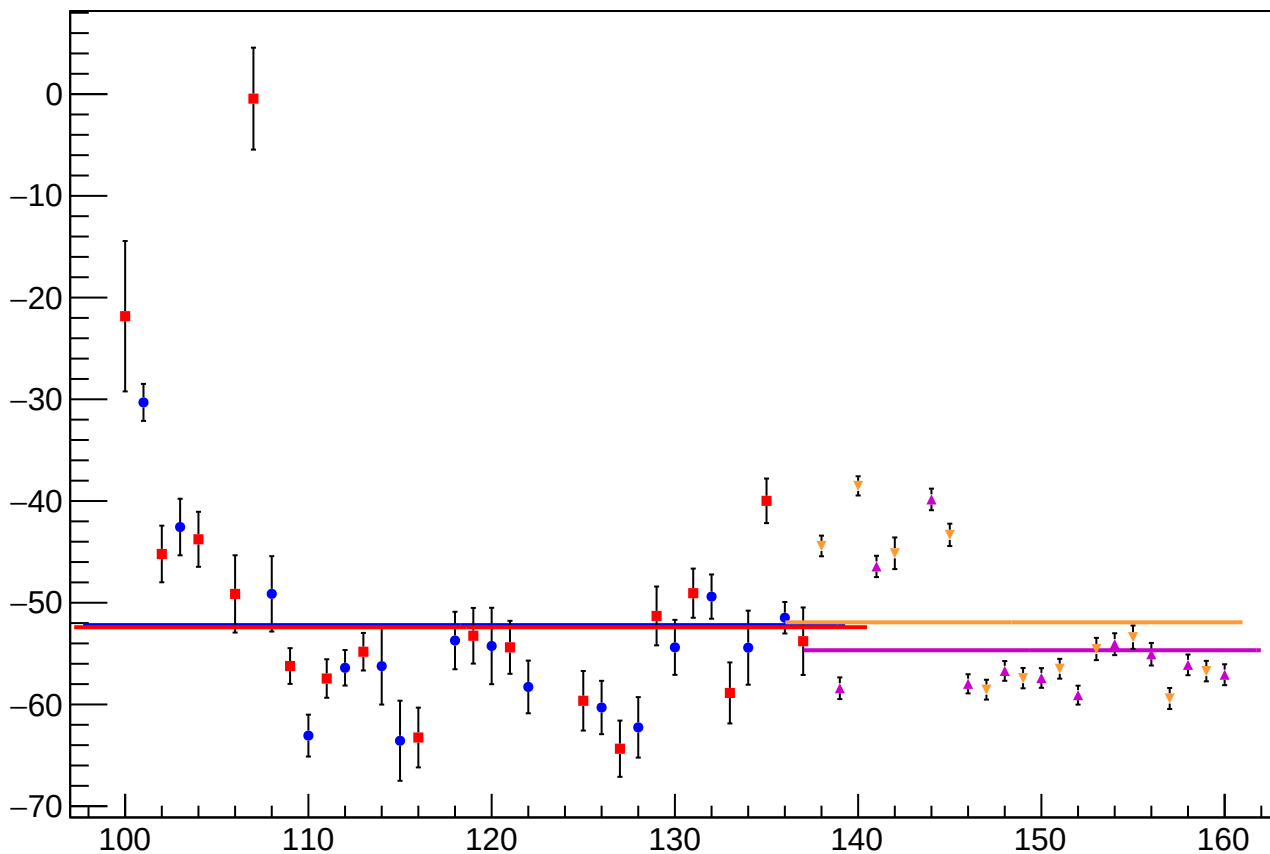
Right Out: 0.929 $\pm$ 0.353 χ^2 /NDF: 41.9/17

Left In: -0.912 $\pm$ 0.214 χ^2 /NDF: 49.9/10

-0.018 $\pm$ 0.185 χ^2 /NDF: 201.1/26

-0.417 $\pm$ 0.183 χ^2 /NDF: 111.6/28

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 ± 0.615 $\chi^2/\text{NDF}: 230.6/15$

Left Out: -51.926 ± 0.317 $\chi^2/\text{NDF}: 517.1/10$

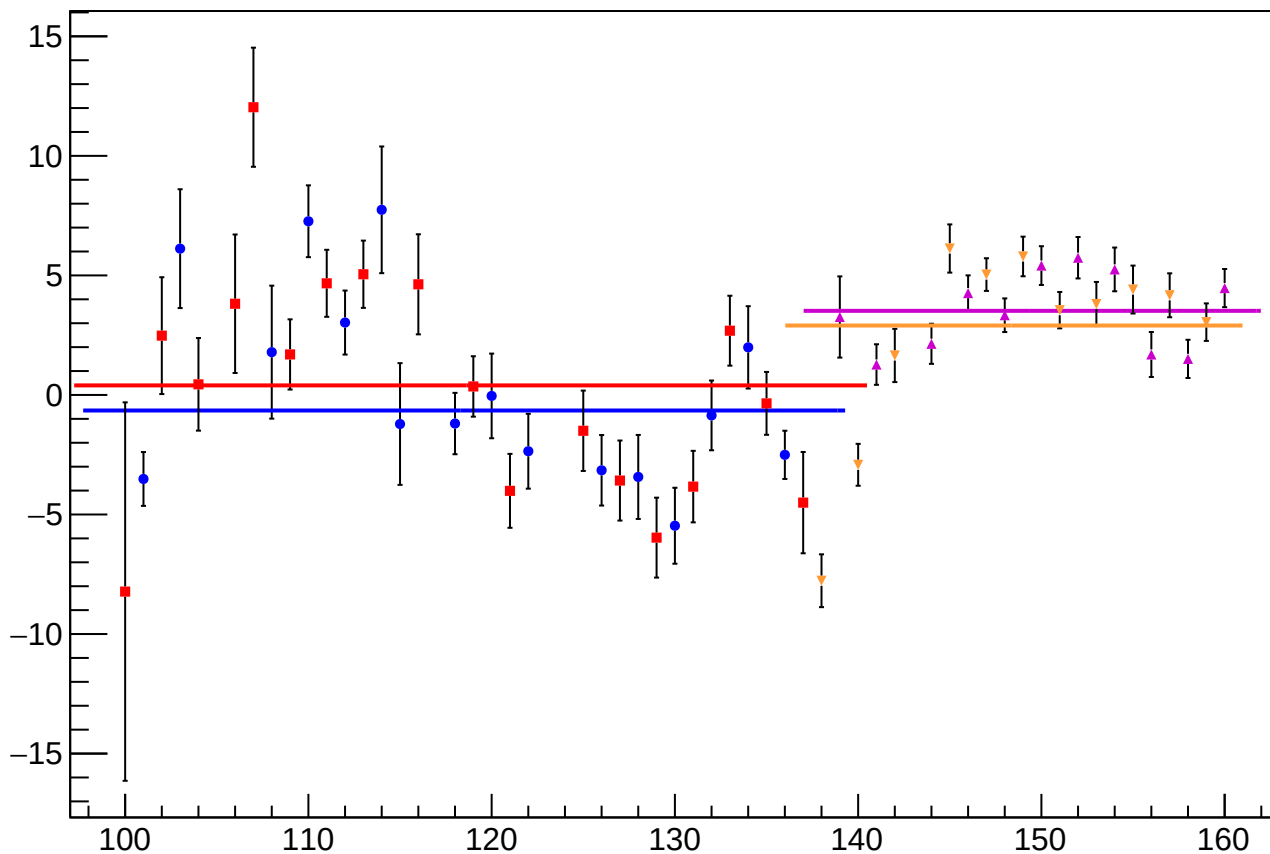
Right Out: -52.407 ± 0.616 $\chi^2/\text{NDF}: 233.9/17$

Left In: -54.669 ± 0.306 $\chi^2/\text{NDF}: 324.3/10$

-51.984 ± 0.282 $\chi^2/\text{NDF}: 747.9/26$

-54.221 ± 0.274 $\chi^2/\text{NDF}: 569.0/28$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: 2.904 ± 0.265 χ^2/NDF : 176.7/10

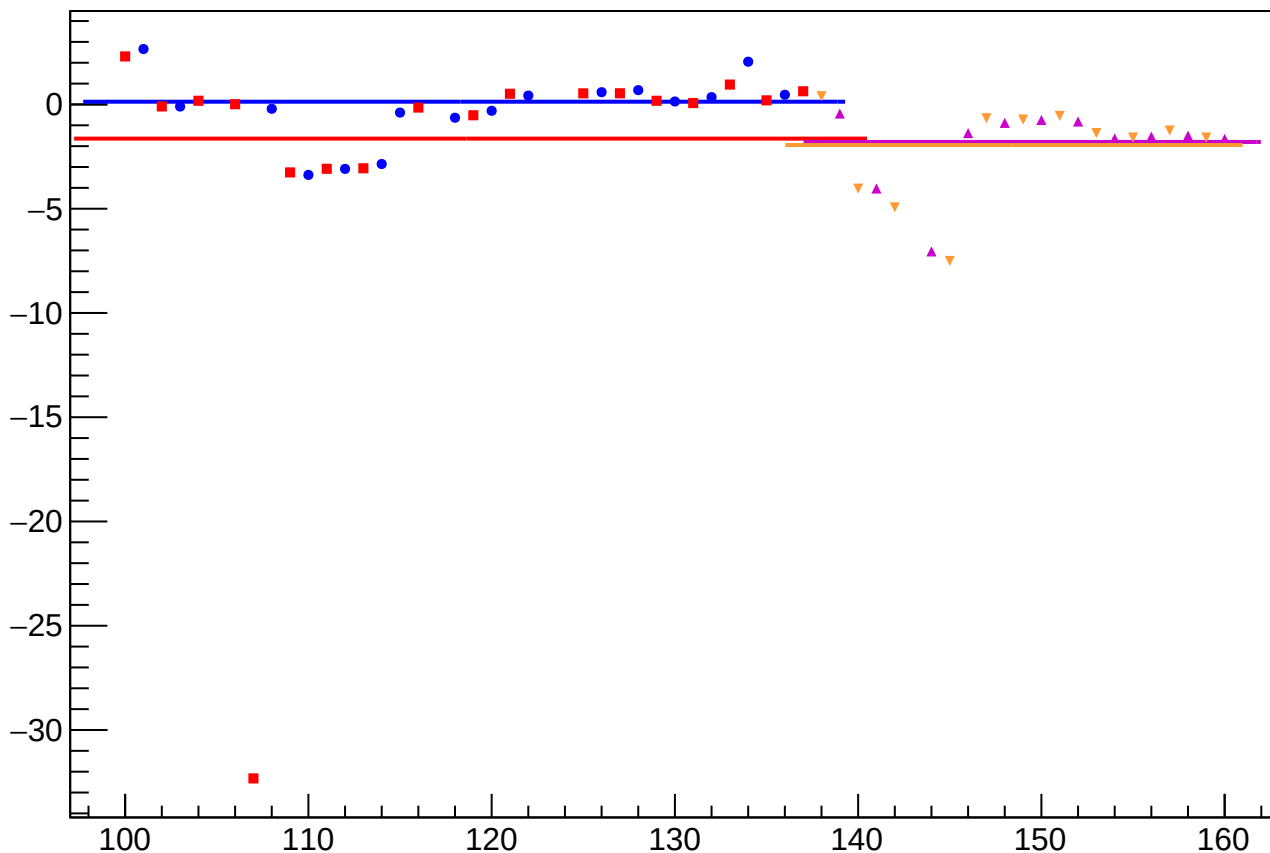
Right Out: 0.400 ± 0.399 χ^2/NDF : 95.9/17

Left In: 3.518 ± 0.256 χ^2/NDF : 37.9/10

1.768 ± 0.219 χ^2/NDF : 316.1/26

2.613 ± 0.215 χ^2/NDF : 177.1/28

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132 $\pm$ 0.022 χ^2 /NDF: 5247.5/15

Left Out: -1.946 $\pm$ 0.012 χ^2 /NDF: 28421.6/10

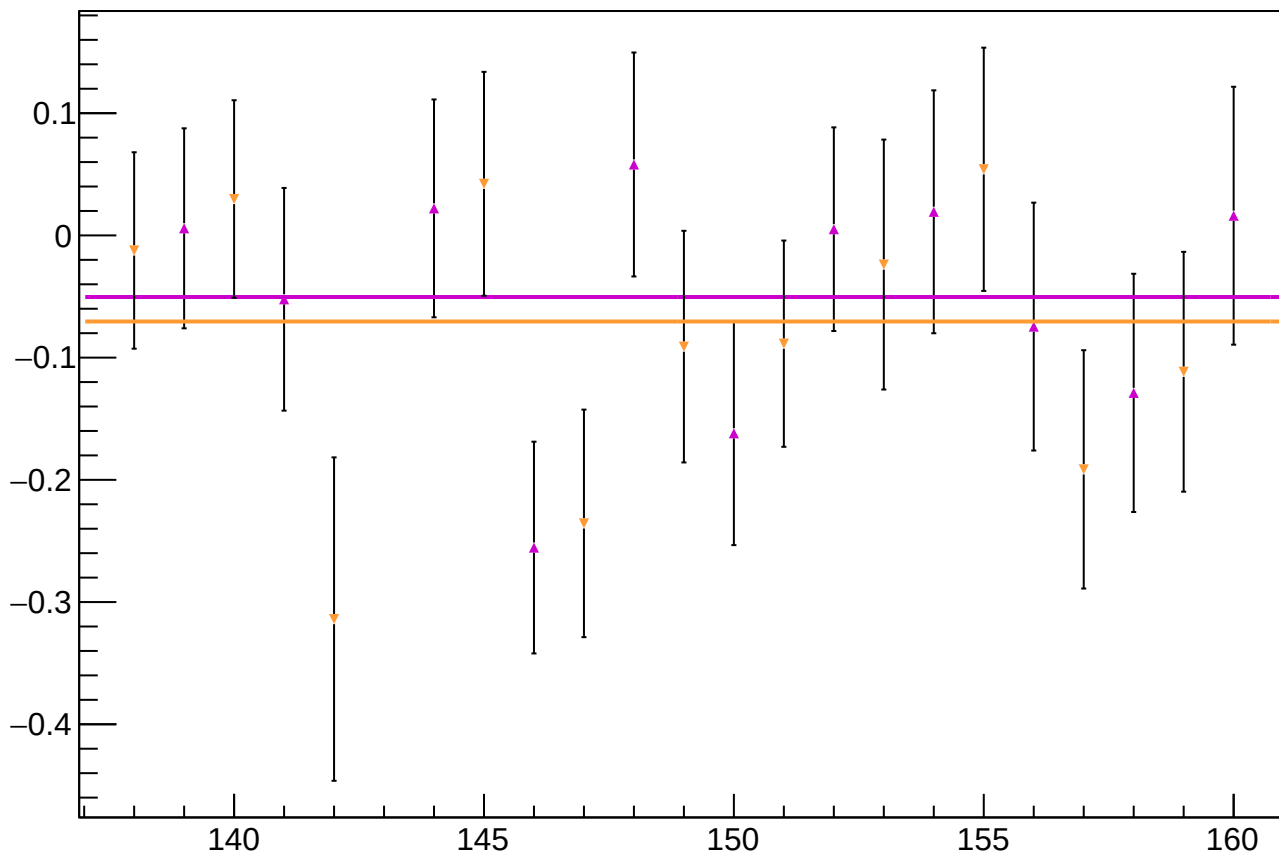
Right Out: -1.638 $\pm$ 0.022 χ^2 /NDF: 77848.3/17

Left In: -1.798 $\pm$ 0.012 χ^2 /NDF: 19007.3/10

-1.428 $\pm$ 0.011 χ^2 /NDF: 40642.3/26

-1.762 $\pm$ 0.010 χ^2 /NDF: 96897.2/28

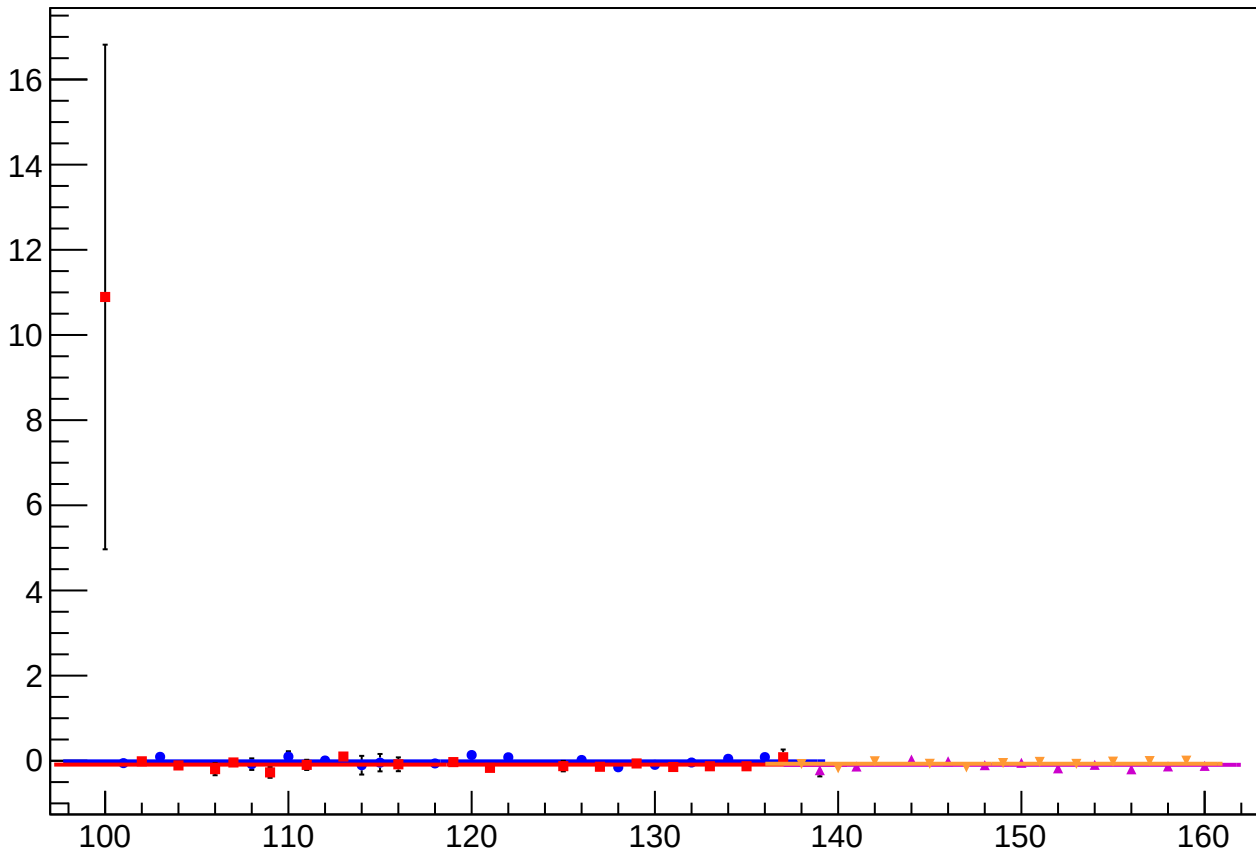
reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.070+/-0.028 χ^2/NDF :13.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.050+/-0.028 χ^2/NDF :11.7/10

-0.070+/-0.028 χ^2/NDF : 13.7/10
 -0.050+/-0.028 χ^2/NDF : 11.7/10

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 11.7/15

Left Out: -0.069 ± 0.019 χ^2/NDF : 10.2/10

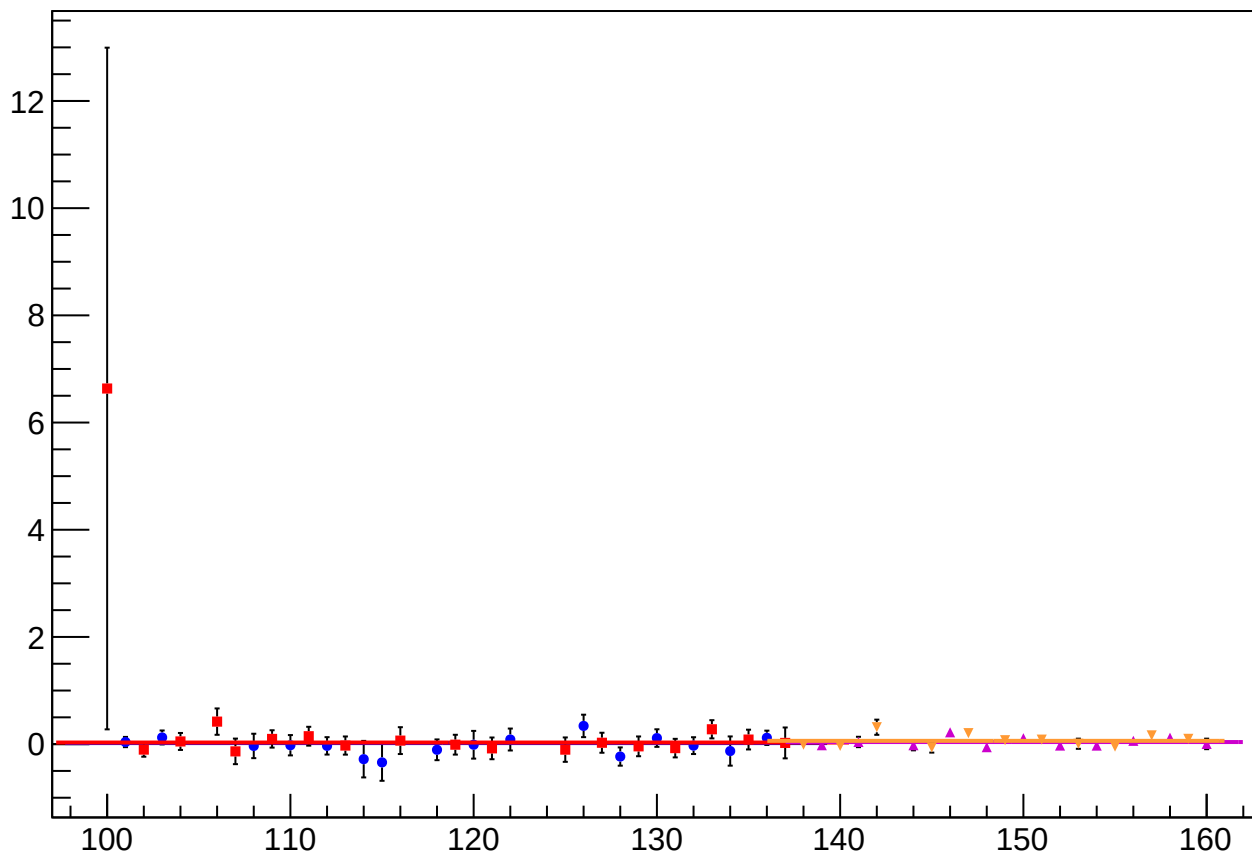
Right Out: -0.089 ± 0.025 χ^2/NDF : 13.0/17

Left In: -0.094 ± 0.019 χ^2/NDF : 12.4/10

-0.047 ± 0.015 χ^2/NDF : 25.3/26

-0.092 ± 0.015 χ^2/NDF : 25.4/28

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020+/-0.043 χ^2/NDF : 9.1/15

Left Out: 0.061+/-0.028 χ^2/NDF : 12.7/10

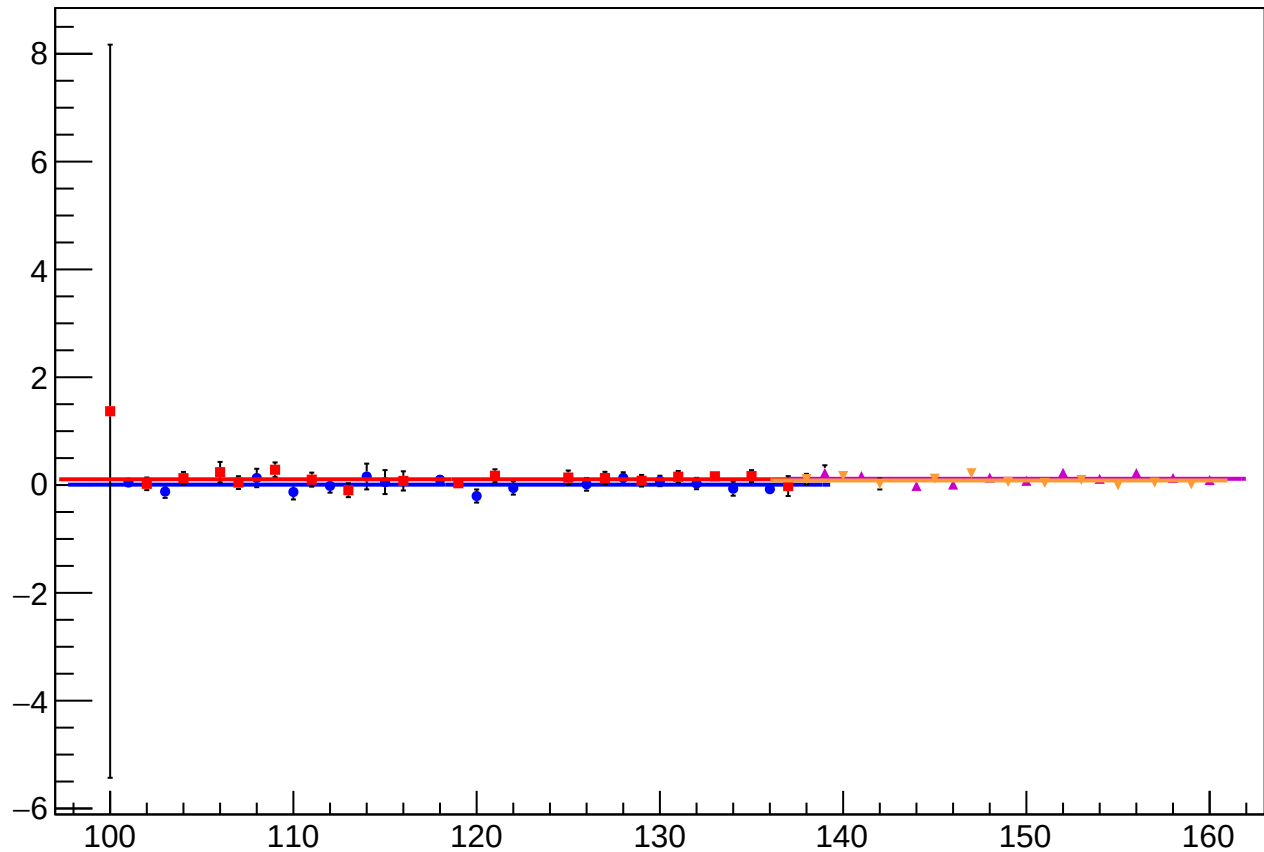
Right Out: 0.030+/-0.045 χ^2/NDF : 9.2/17

Left In: 0.039+/-0.027 χ^2/NDF : 9.8/10

0.049+/-0.023 χ^2/NDF : 22.4/26

0.037+/-0.023 χ^2/NDF : 19.0/28

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 11.3/15

Left Out: 0.085 ± 0.023 χ^2/NDF : 9.6/10

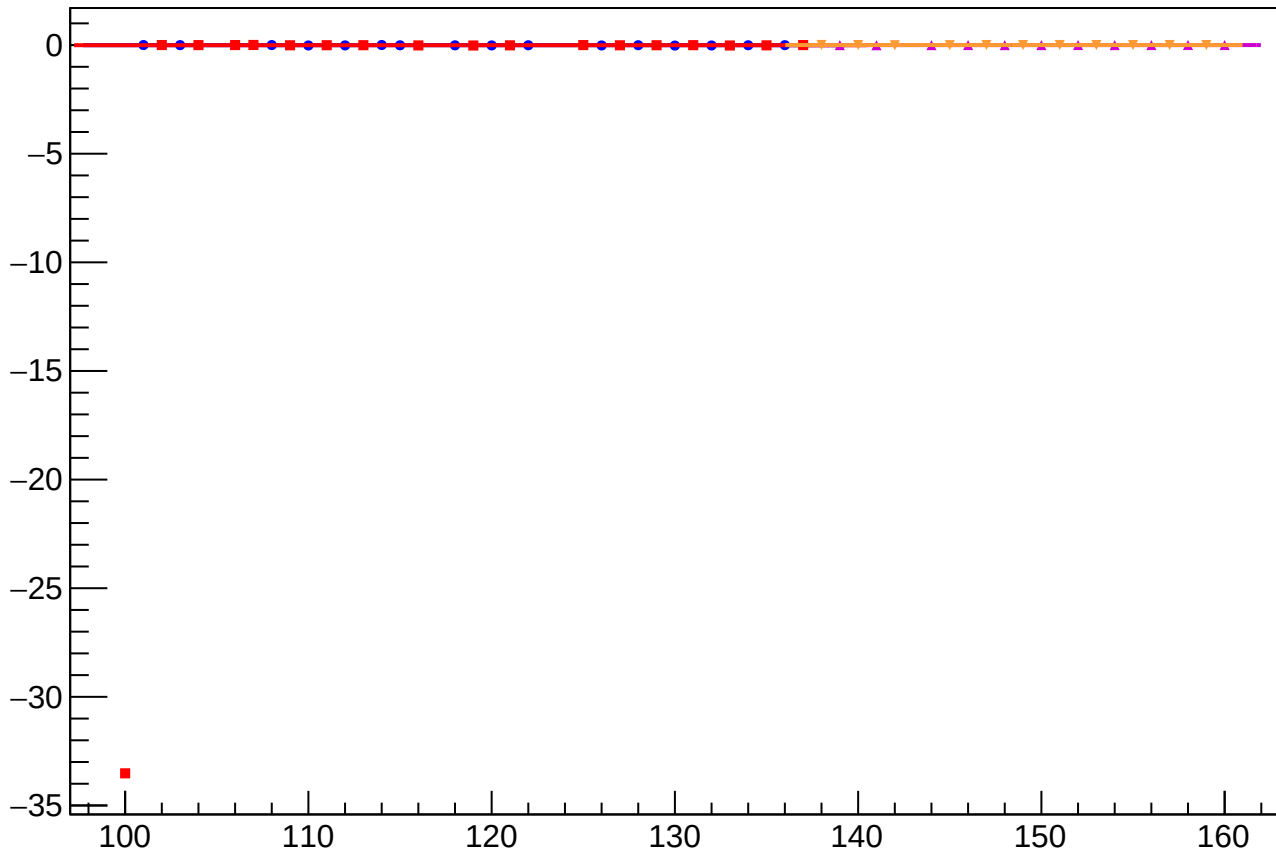
Right Out: 0.107 ± 0.029 χ^2/NDF : 8.2/17

Left In: 0.116 ± 0.023 χ^2/NDF : 11.3/10

0.052 ± 0.018 χ^2/NDF : 25.6/26

0.113 ± 0.018 χ^2/NDF : 19.5/28

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 21.8/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 7.1/10

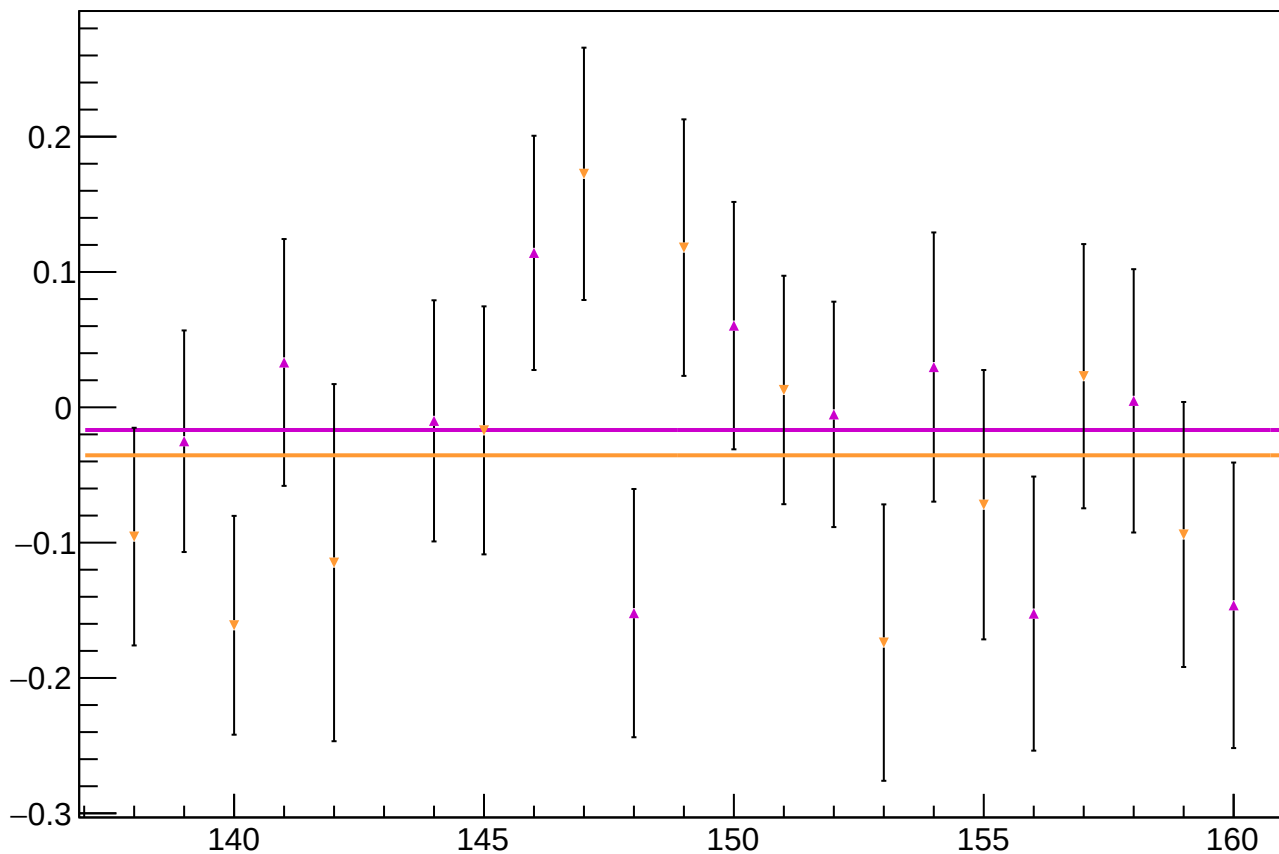
Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.7/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.5/10

-0.001 ± 0.001 χ^2/NDF : 41.4/26

-0.002 ± 0.001 χ^2/NDF : 26527.5/28

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.035 $\pm$ 0.028 χ^2 /NDF:14.0/10

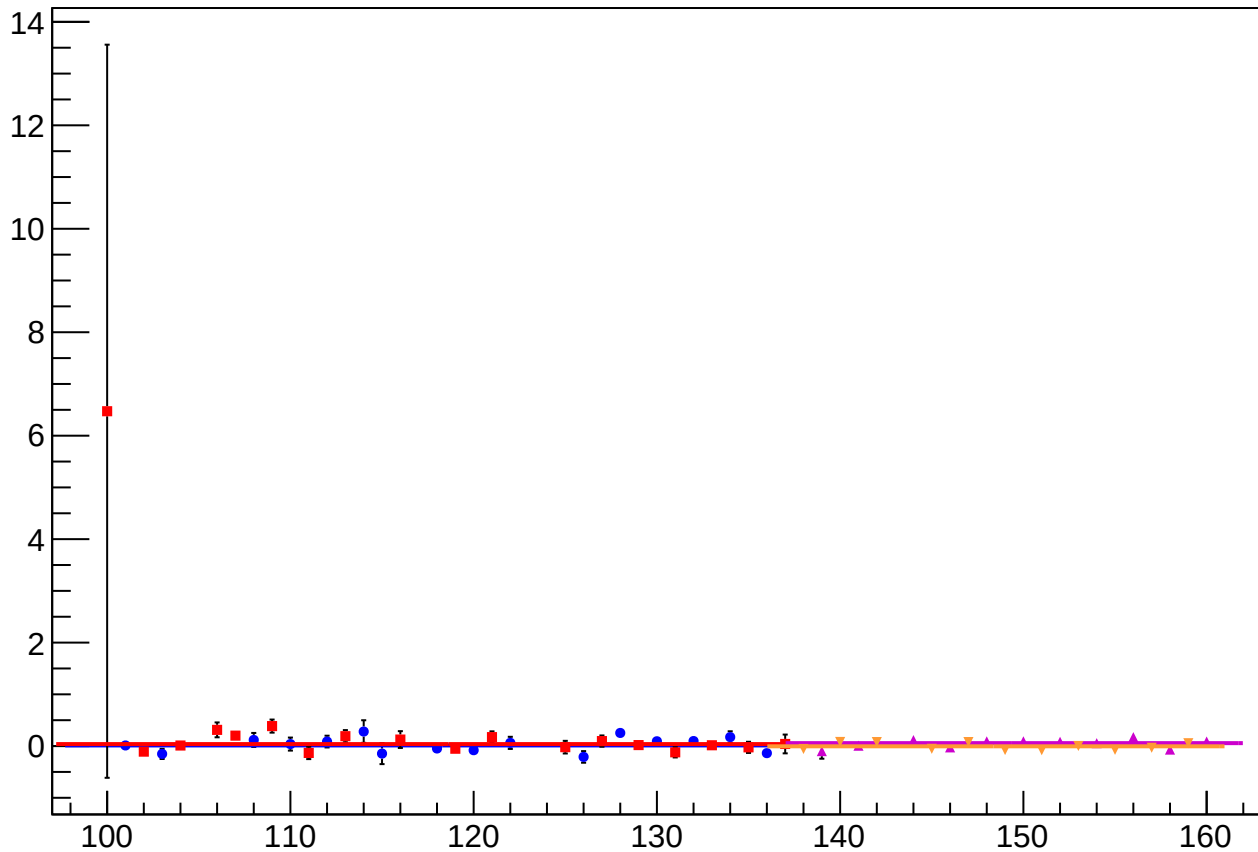
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.017 $\pm$ 0.028 χ^2 /NDF:9.1/10

-0.035 $\pm$ 0.028 χ^2 /NDF: 14.0/10

-0.017 $\pm$ 0.028 χ^2 /NDF: 9.1/10

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012 ± 0.023 χ^2/NDF : 25.0/15

Left Out: -0.005 ± 0.019 χ^2/NDF : 12.5/10

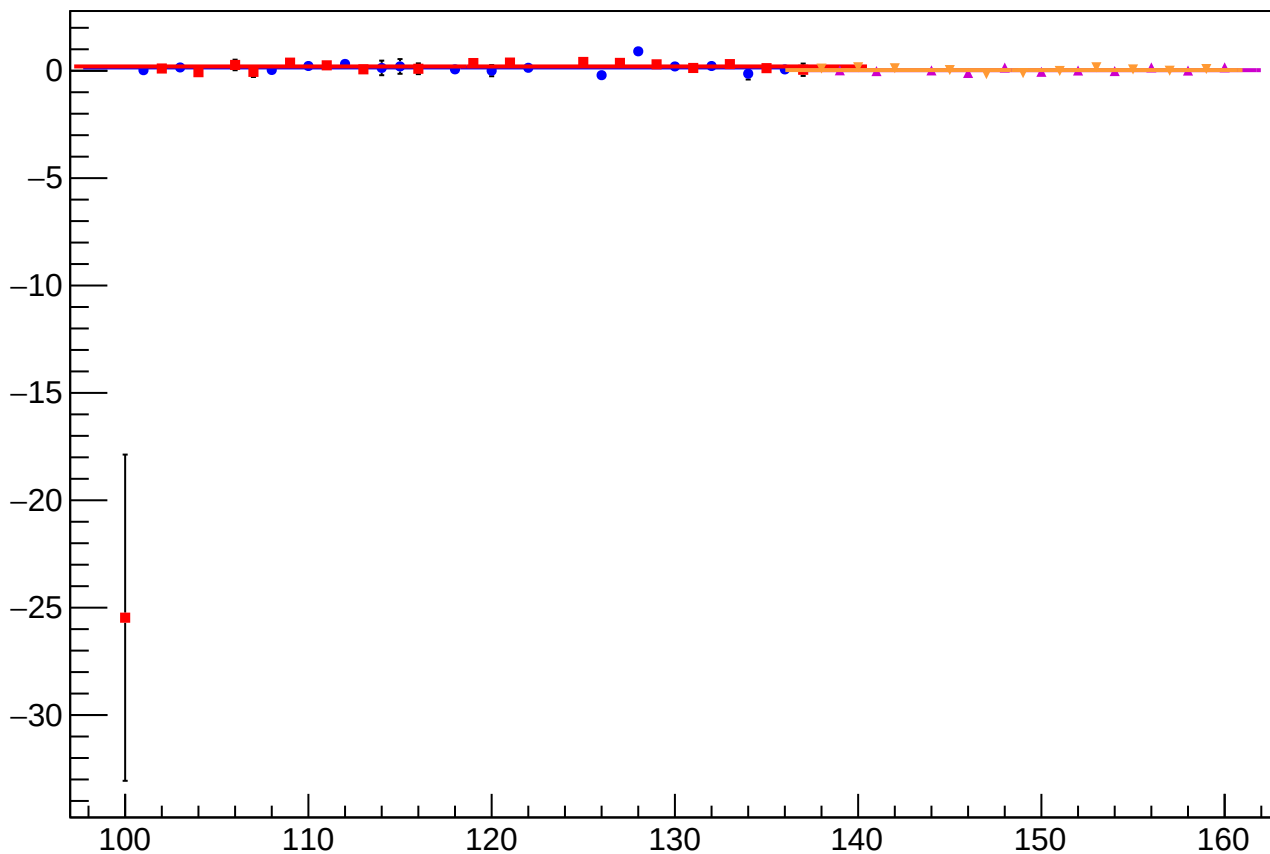
Right Out: 0.038 ± 0.025 χ^2/NDF : 28.4/17

Left In: 0.057 ± 0.019 χ^2/NDF : 12.5/10

0.002 ± 0.015 χ^2/NDF : 37.8/26

0.050 ± 0.015 χ^2/NDF : 41.3/28

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154+/-0.043 χ^2/NDF : 27.9/15

Left Out: 0.032+/-0.028 χ^2/NDF : 13.4/10

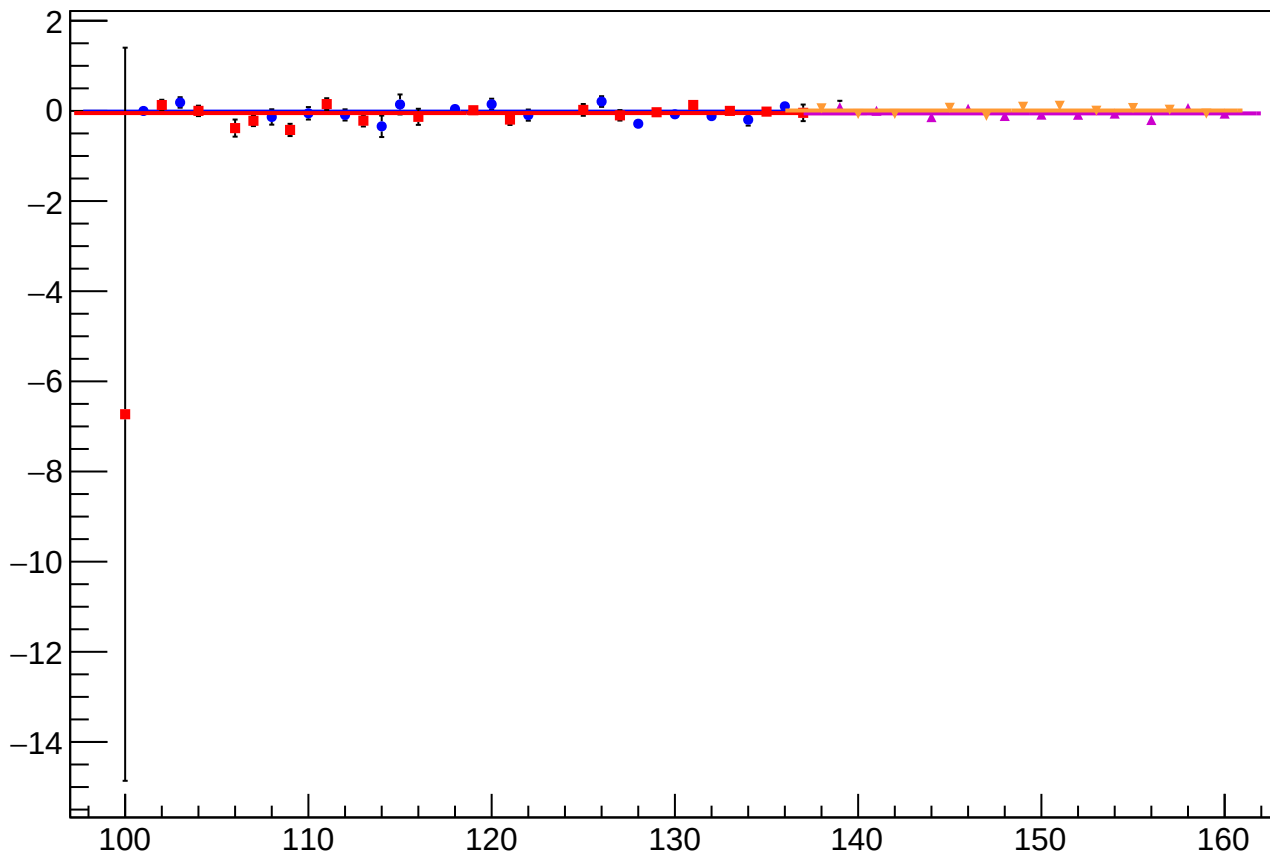
Right Out: 0.201+/-0.045 χ^2/NDF : 22.6/17

Left In: 0.027+/-0.027 χ^2/NDF : 9.4/10

0.068+/-0.023 χ^2/NDF : 47.1/26

0.073+/-0.023 χ^2/NDF : 42.9/28

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.009 ± 0.023 χ^2/NDF : 11.6/10

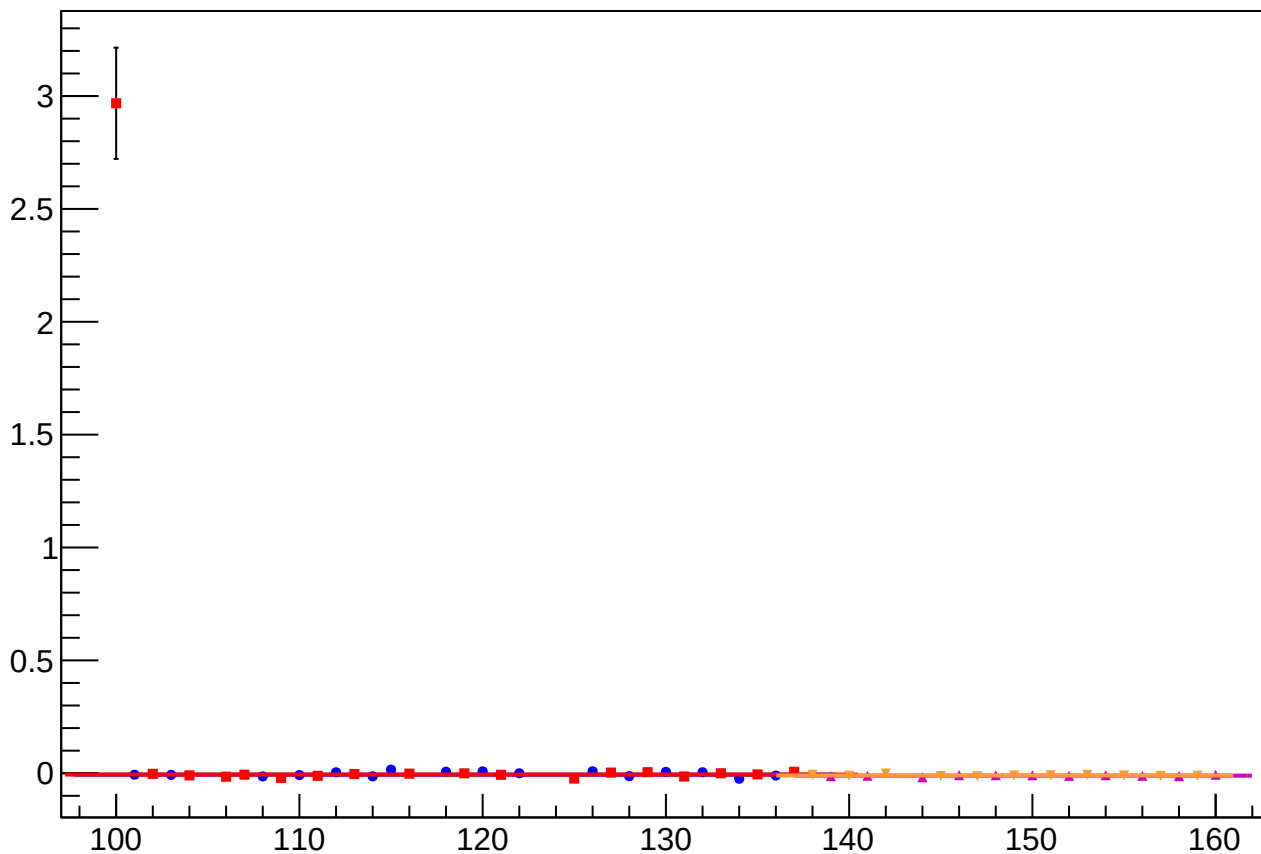
Right Out: -0.048 ± 0.029 χ^2/NDF : 25.9/17

Left In: -0.055 ± 0.023 χ^2/NDF : 12.5/10

-0.002 ± 0.018 χ^2/NDF : 36.4/26

-0.053 ± 0.018 χ^2/NDF : 38.5/28

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 27.3/15

-0.009 ± 0.001 χ^2/NDF : 37.2/26

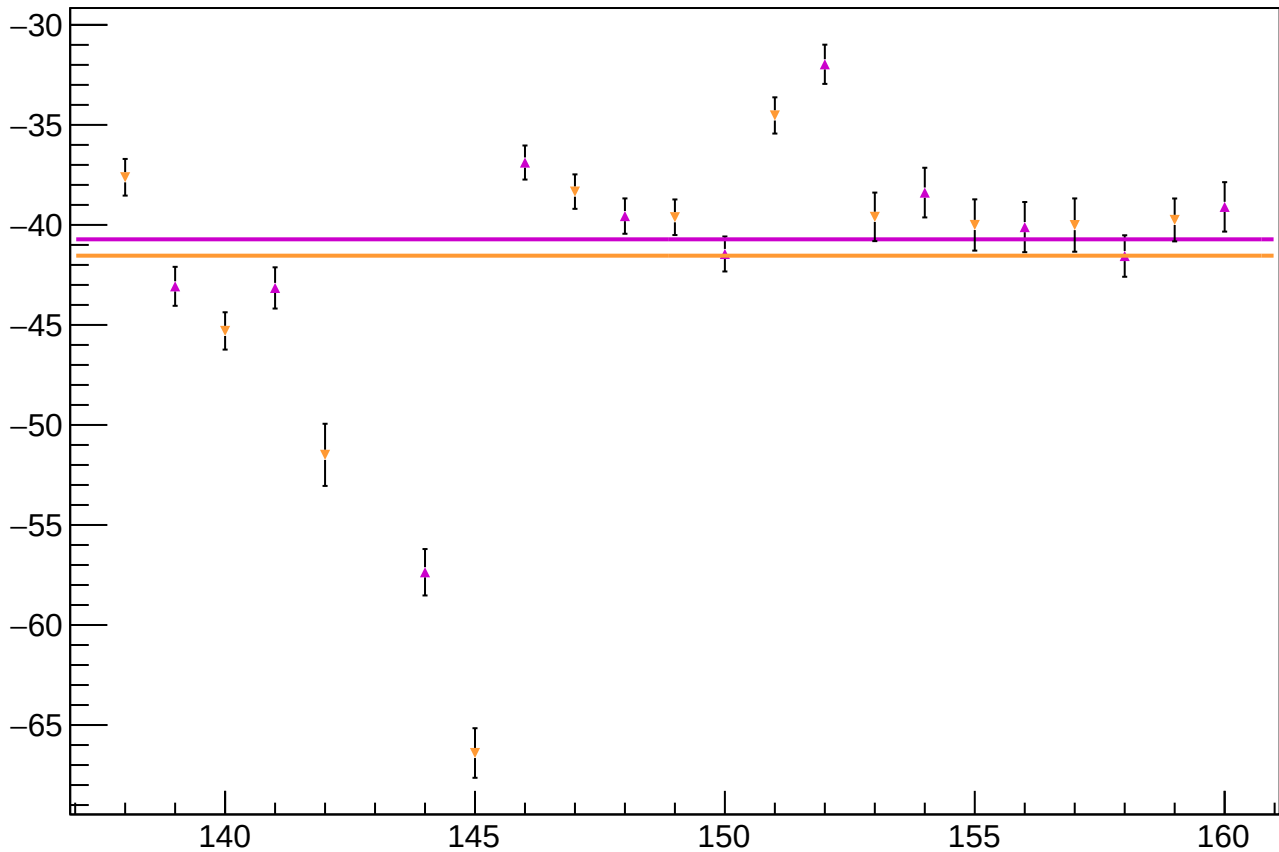
Left Out: -0.010 ± 0.001 χ^2/NDF : 5.7/10

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

-0.009 ± 0.001 χ^2/NDF : 179.1/28

Left In: -0.011 ± 0.001 χ^2/NDF : 6.4/10

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.538+/-0.317 χ^2/NDF : 564.4/10

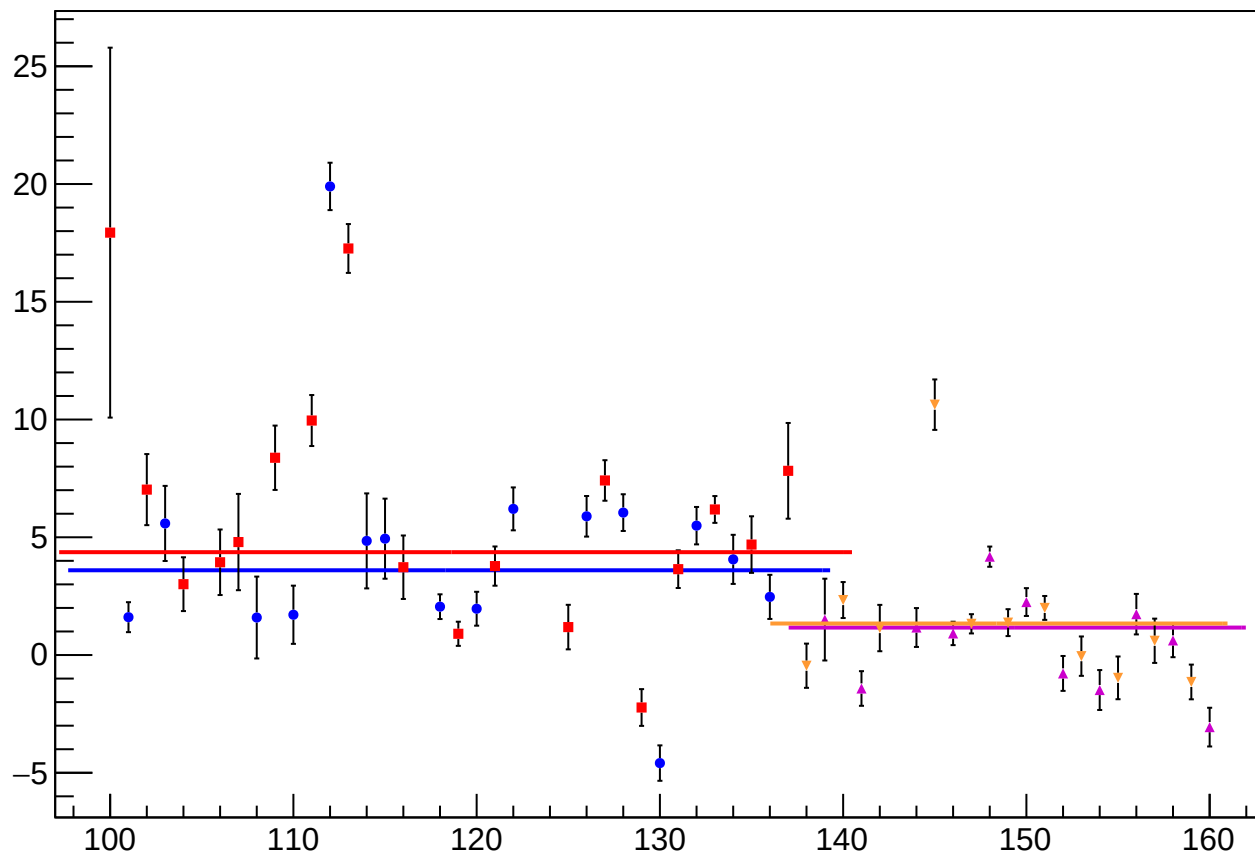
-41.538+/-0.317 χ^2/NDF : 564.4/10

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

-40.720+/-0.307 χ^2/NDF : 325.7/10

Left In: -40.720+/-0.307 χ^2/NDF : 325.7/10

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 443.4/15

Left Out: 1.338 ± 0.207 χ^2/NDF : 103.5/10

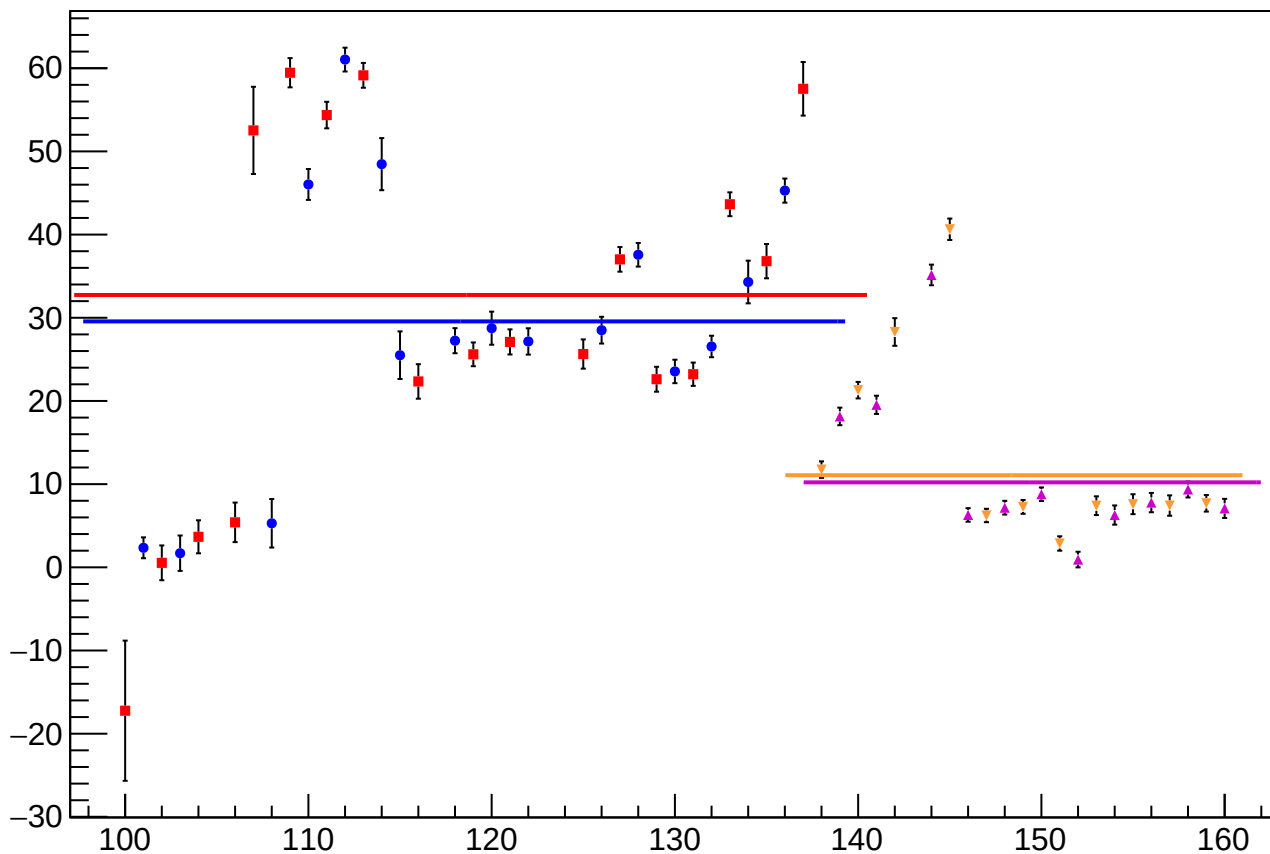
Right Out: 4.367 ± 0.225 χ^2/NDF : 353.1/17

Left In: 1.166 ± 0.204 χ^2/NDF : 109.4/10

2.399 ± 0.151 χ^2/NDF : 602.8/26

2.612 ± 0.151 χ^2/NDF : 573.7/28

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564 $\pm$ 0.420 χ^2 /NDF: 1494.6/15

Left Out: 11.075 $\pm$ 0.309 χ^2 /NDF: 928.5/10

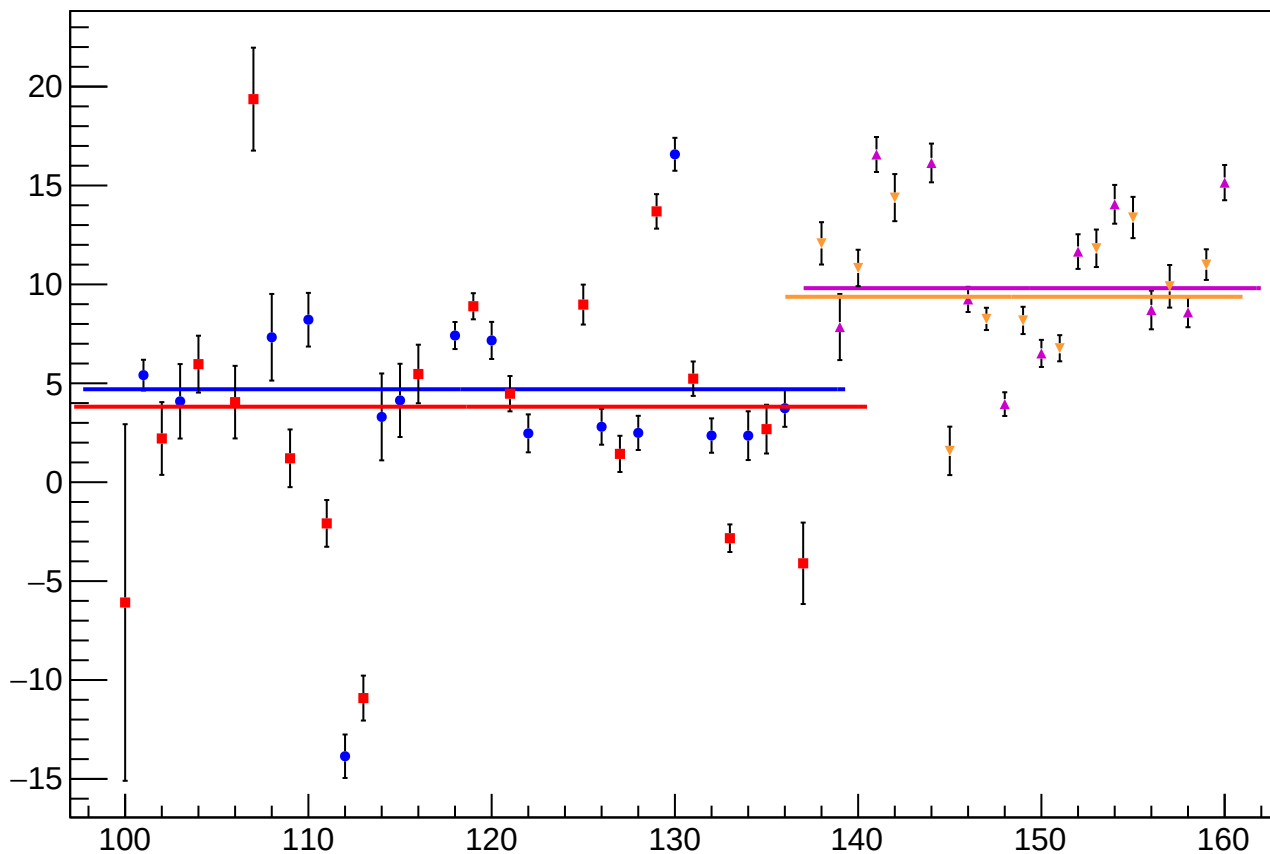
Right Out: 32.741 $\pm$ 0.423 χ^2 /NDF: 1663.3/17

Left In: 10.215 $\pm$ 0.297 χ^2 /NDF: 694.1/10

17.574 $\pm$ 0.249 χ^2 /NDF: 3682.6/26

17.670 $\pm$ 0.243 χ^2 /NDF: 4257.1/28

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 ± 0.254 χ^2/NDF : 548.9/15

Left Out: 9.374 ± 0.254 χ^2/NDF : 115.6/10

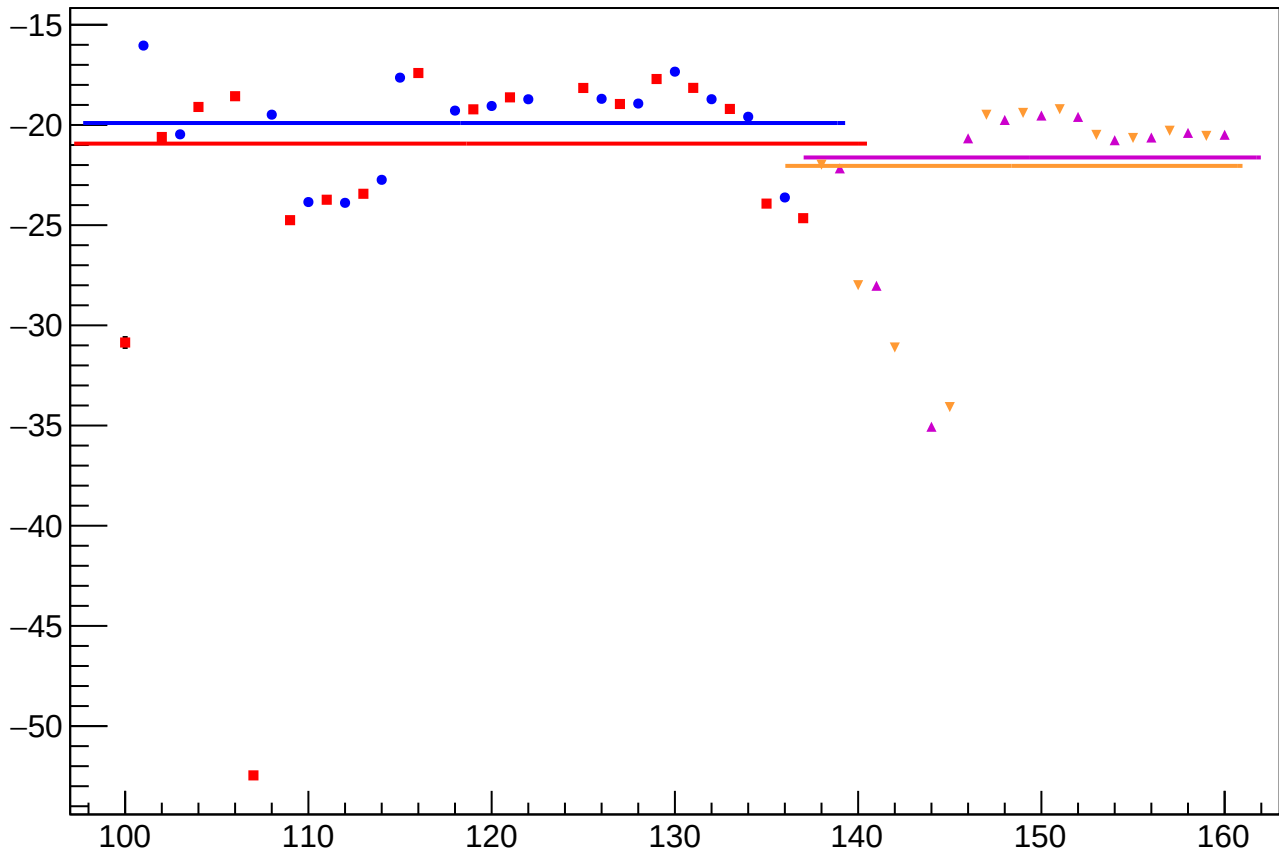
Right Out: 3.817 ± 0.258 χ^2/NDF : 567.6/17

Left In: 9.811 ± 0.246 χ^2/NDF : 284.0/10

7.039 ± 0.180 χ^2/NDF : 834.0/26

6.958 ± 0.178 χ^2/NDF : 1133.4/28

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 $\chi^2/\text{NDF}: 26054.0/15$

Left Out: -22.042 ± 0.012 $\chi^2/\text{NDF}: 114910.2/10$

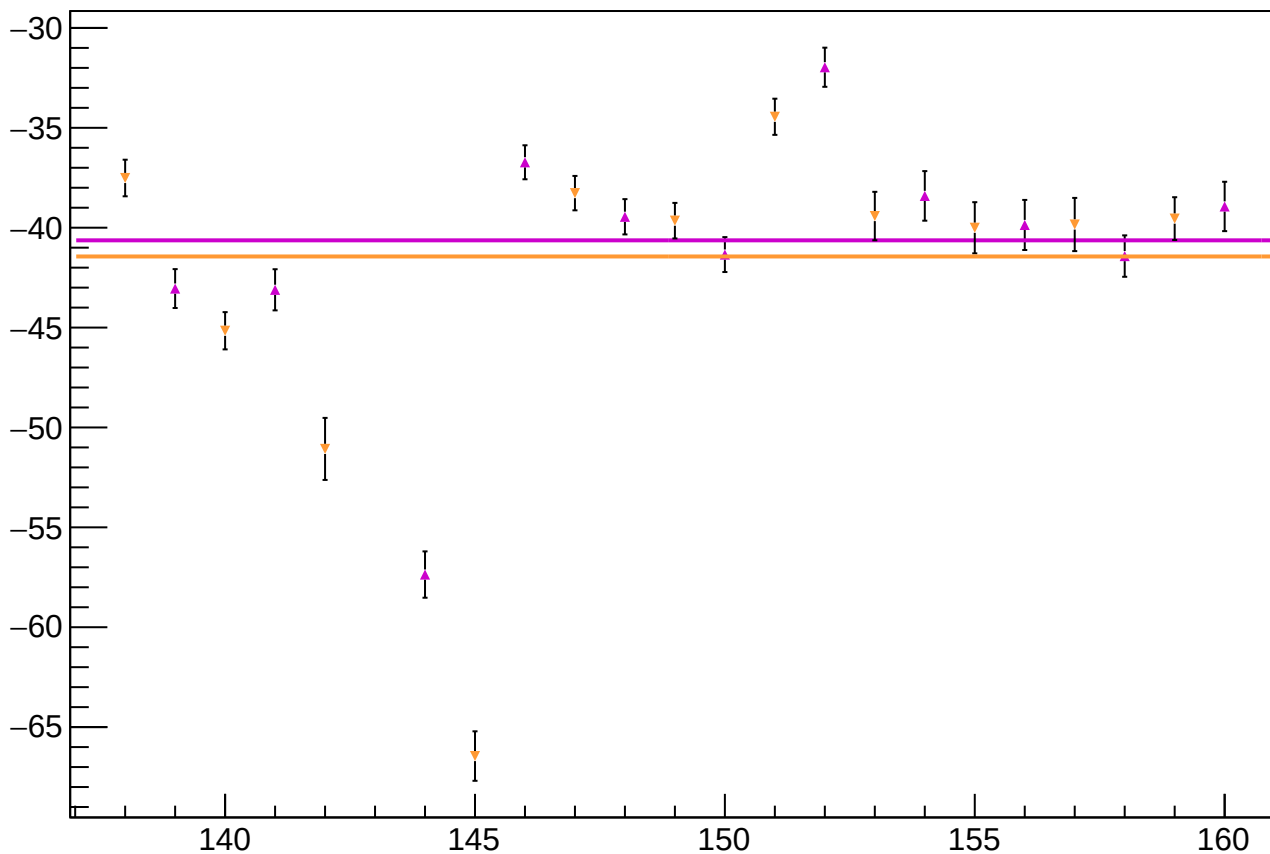
Right Out: -20.931 ± 0.016 $\chi^2/\text{NDF}: 94008.3/17$

Left In: -21.622 ± 0.012 $\chi^2/\text{NDF}: 95082.0/10$

-21.220 ± 0.010 $\chi^2/\text{NDF}: 152476.6/26$

-21.376 ± 0.009 $\chi^2/\text{NDF}: 190334.2/28$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.441+/-0.317 χ^2/NDF : 566.3/10

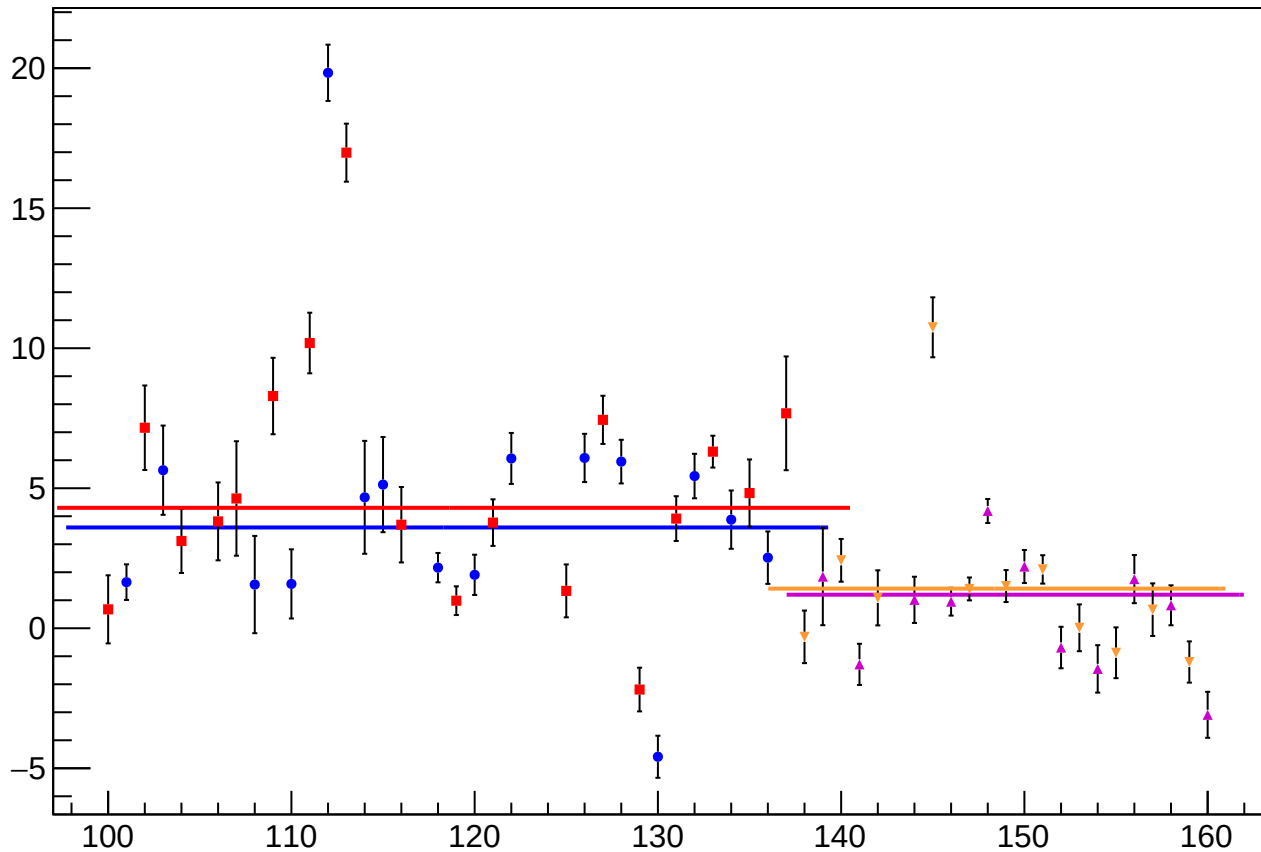
-41.441+/-0.317 χ^2/NDF : 566.3/10

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

-40.633+/-0.307 χ^2/NDF : 327.8/10

Left In: -40.633+/-0.307 χ^2/NDF : 327.8/10

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 1.415 ± 0.207 χ^2/NDF : 105.6/10

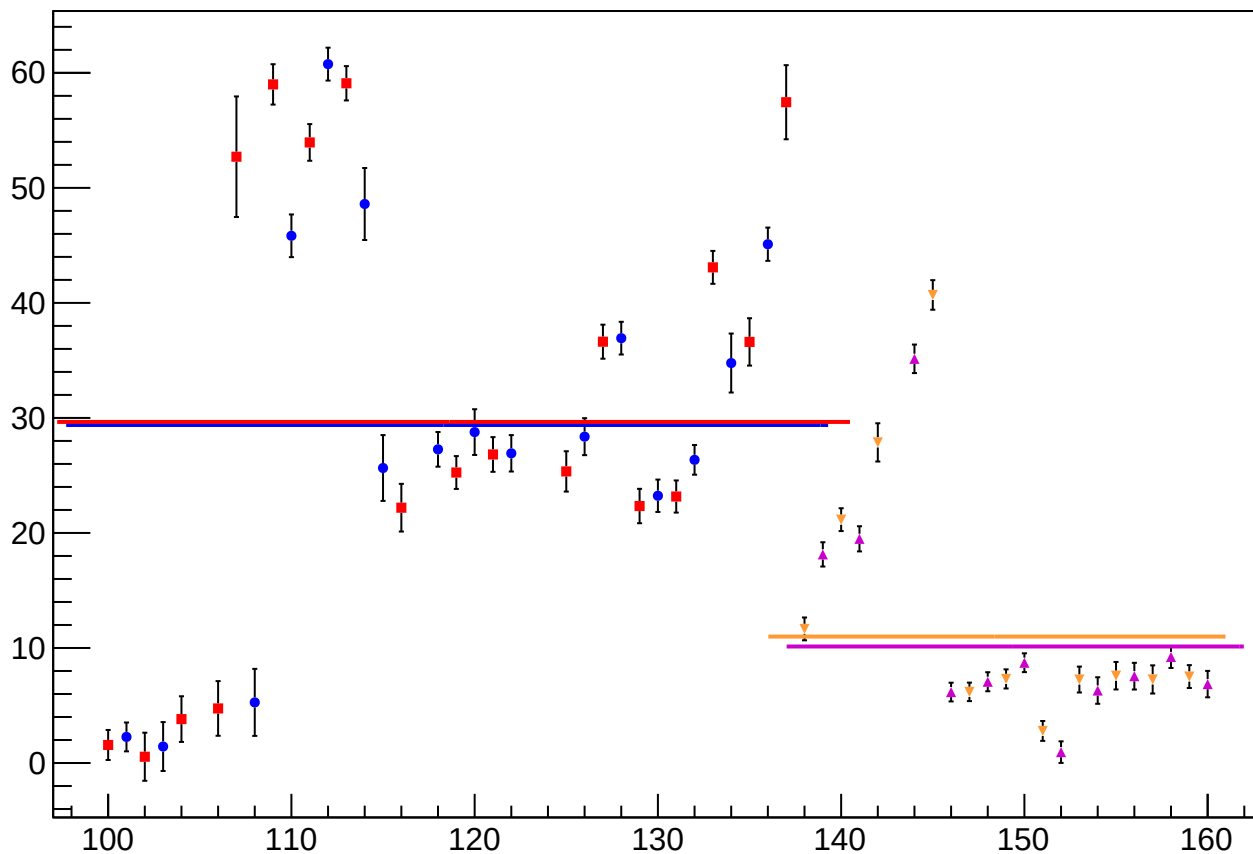
Right Out: 4.301 ± 0.221 χ^2/NDF : 352.1/17

Left In: 1.198 ± 0.204 χ^2/NDF : 107.6/10

2.440 ± 0.151 χ^2/NDF : 598.1/26

2.625 ± 0.150 χ^2/NDF : 566.2/28

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 $\pm$ 0.419 χ^2/NDF : 1488.6/15

Left Out: 10.992 $\pm$ 0.309 χ^2/NDF : 928.2/10

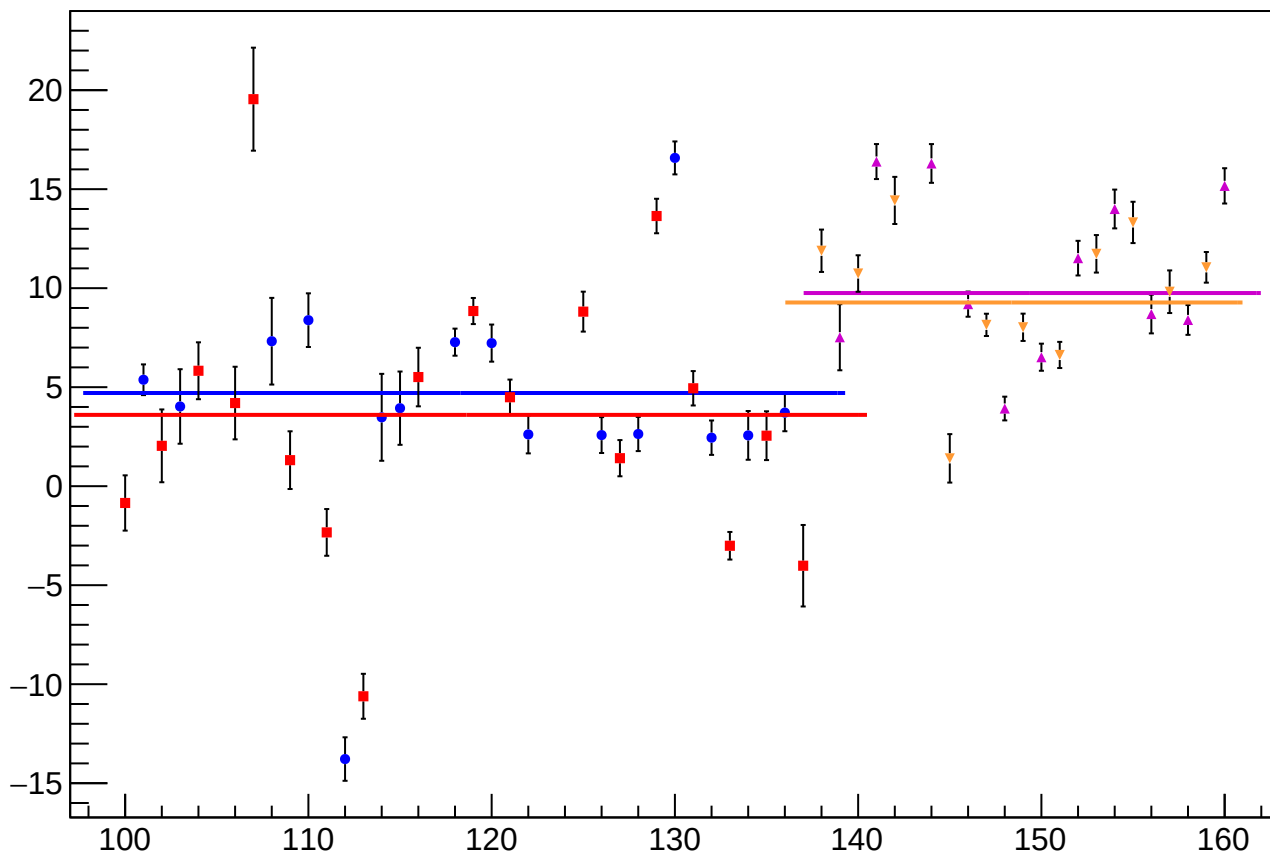
Right Out: 29.652 $\pm$ 0.402 χ^2/NDF : 2131.0/17

Left In: 10.129 $\pm$ 0.297 χ^2/NDF : 698.4/10

17.459 $\pm$ 0.249 χ^2/NDF : 3665.2/26

17.019 $\pm$ 0.239 χ^2/NDF : 4352.9/28

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 $\pm$ 0.254 χ^2 /NDF: 545.2/15

Left Out: 9.277 $\pm$ 0.254 χ^2 /NDF:119.3/10

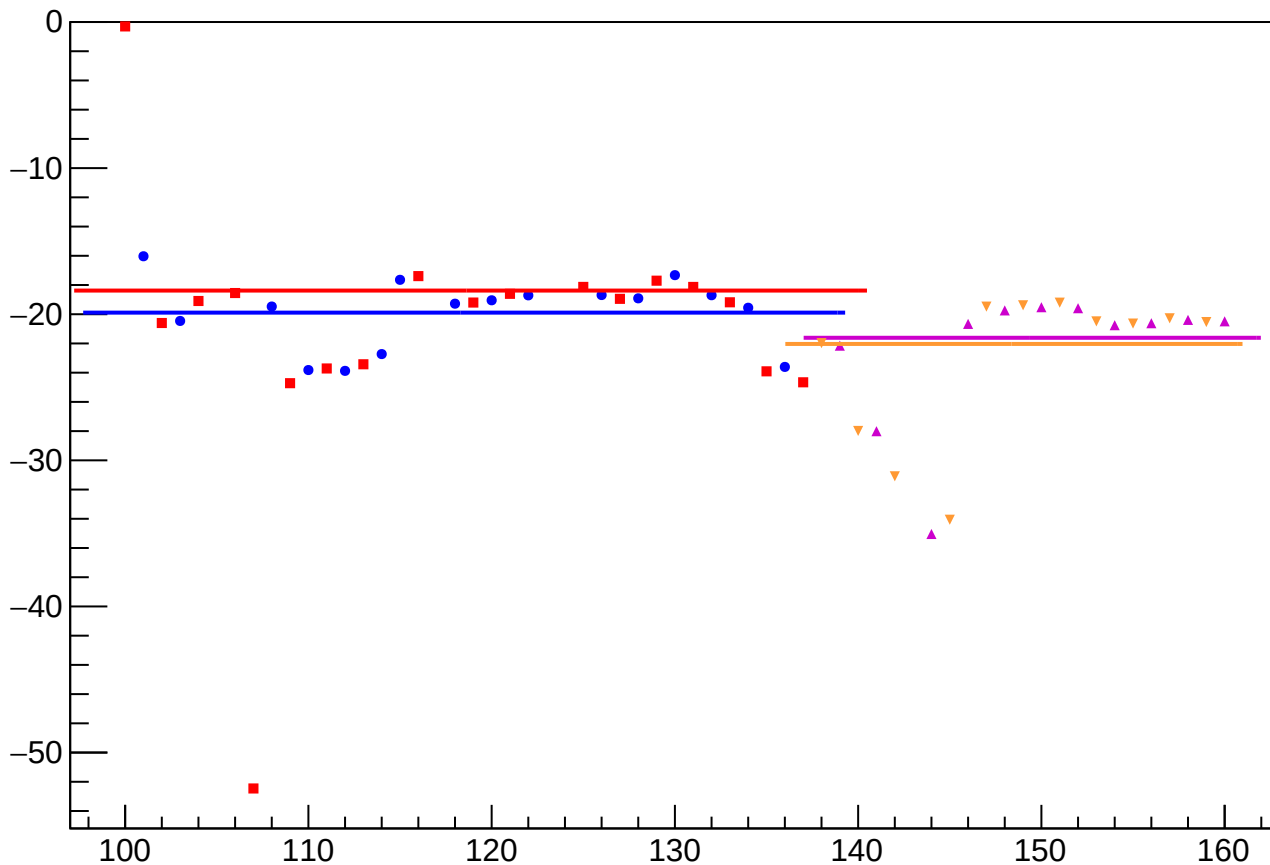
Right Out: 3.601 $\pm$ 0.254 χ^2 /NDF: 573.4/17

Left In: 9.755 $\pm$ 0.246 χ^2 /NDF:285.0/10

6.994 $\pm$ 0.179 χ^2 /NDF: 826.7/26

6.774 $\pm$ 0.177 χ^2 /NDF: 1161.0/28

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 $\pm$ 0.016 χ^2/NDF : 26044.4/15

Left Out: -22.033 $\pm$ 0.012 χ^2/NDF : 114985.7/10

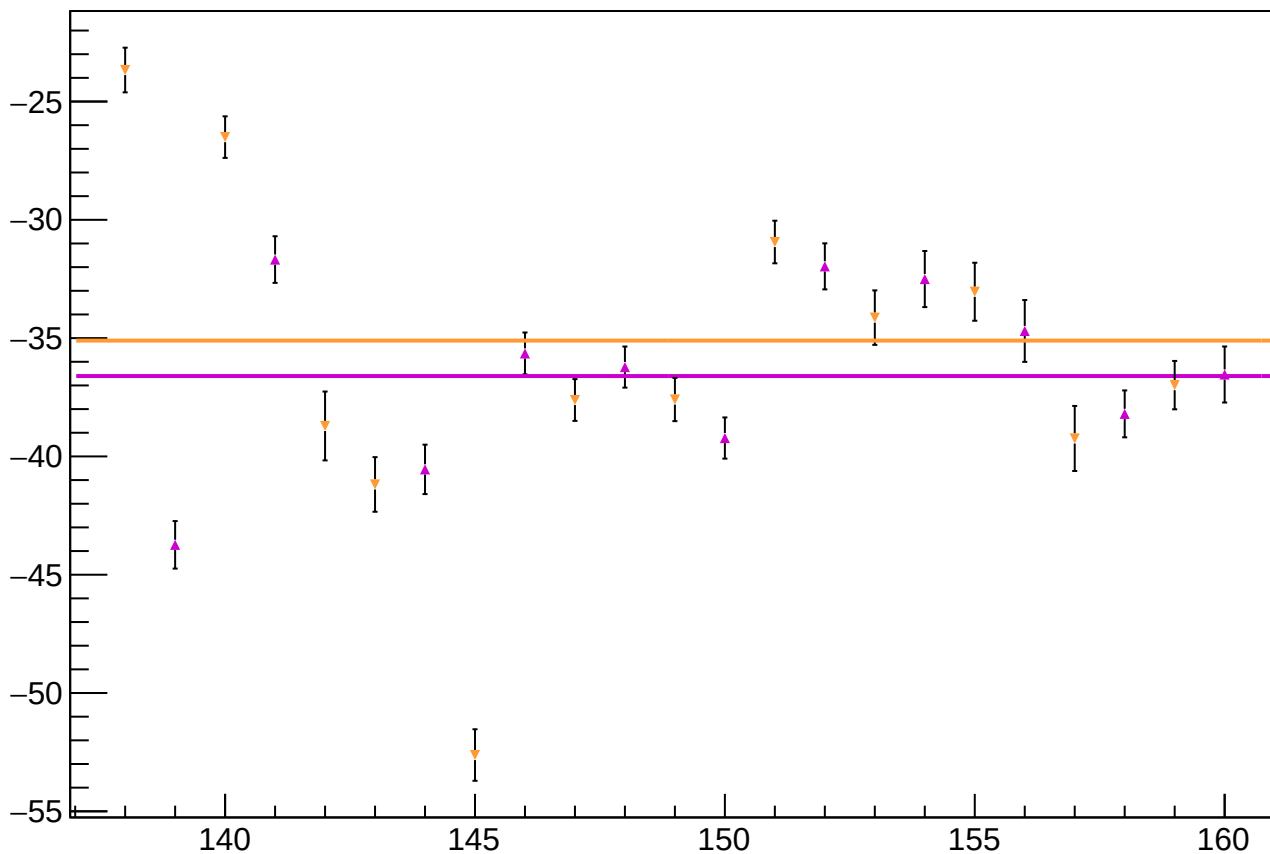
Right Out: -18.380 $\pm$ 0.015 χ^2/NDF : 300999.4/17

Left In: -21.612 $\pm$ 0.012 χ^2/NDF : 95019.9/10

-21.210 $\pm$ 0.010 χ^2/NDF : 152594.7/26

-20.365 $\pm$ 0.009 χ^2/NDF : 425517.2/28

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -35.104+/-0.300 χ^2/NDF : 588.0/11

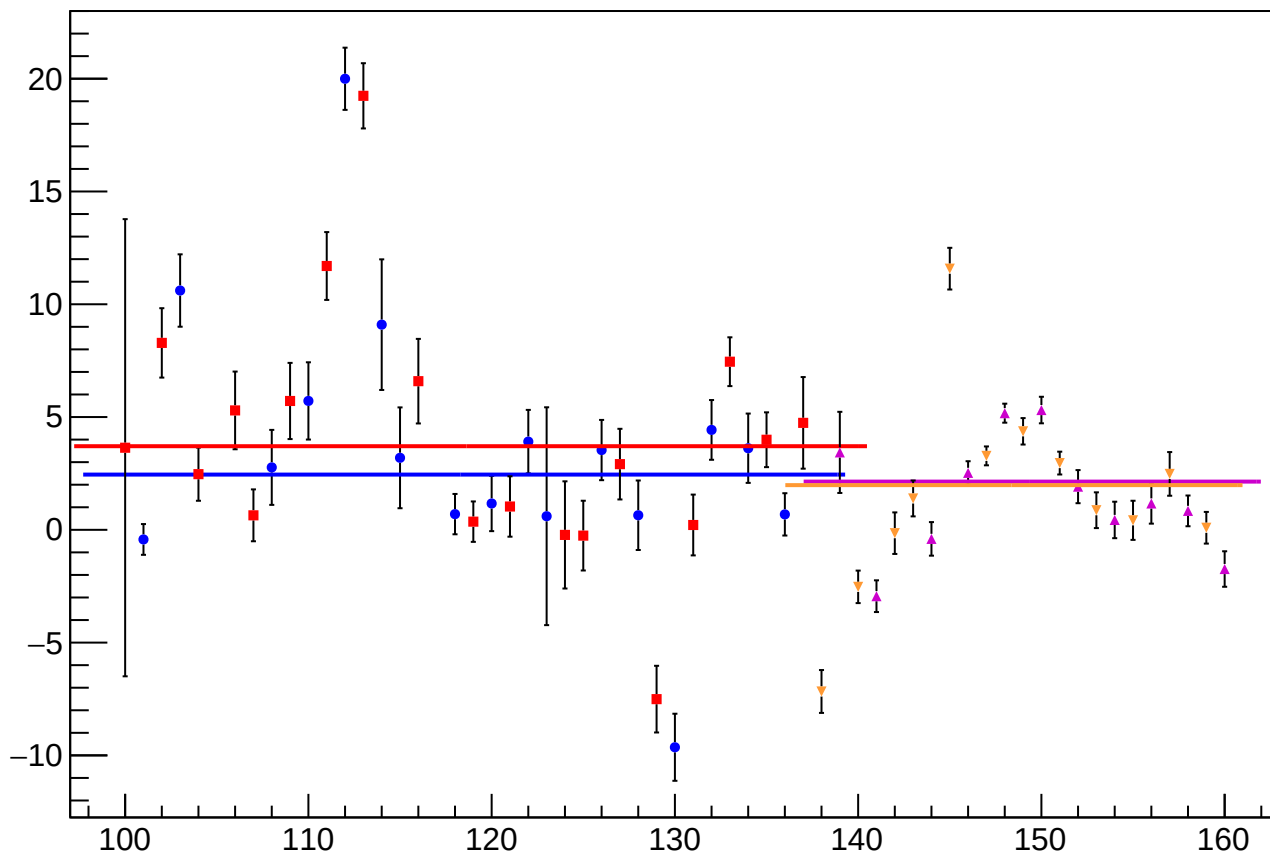
-35.104+/-0.300 χ^2/NDF : 588.0/11

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

Left In: -36.603+/-0.302 χ^2/NDF : 139.5/10

-36.603+/-0.302 χ^2/NDF : 139.5/10

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449 ± 0.314 $\chi^2/\text{NDF}: 295.3/16$

Left Out: 1.981 ± 0.198 $\chi^2/\text{NDF}: 288.1/11$

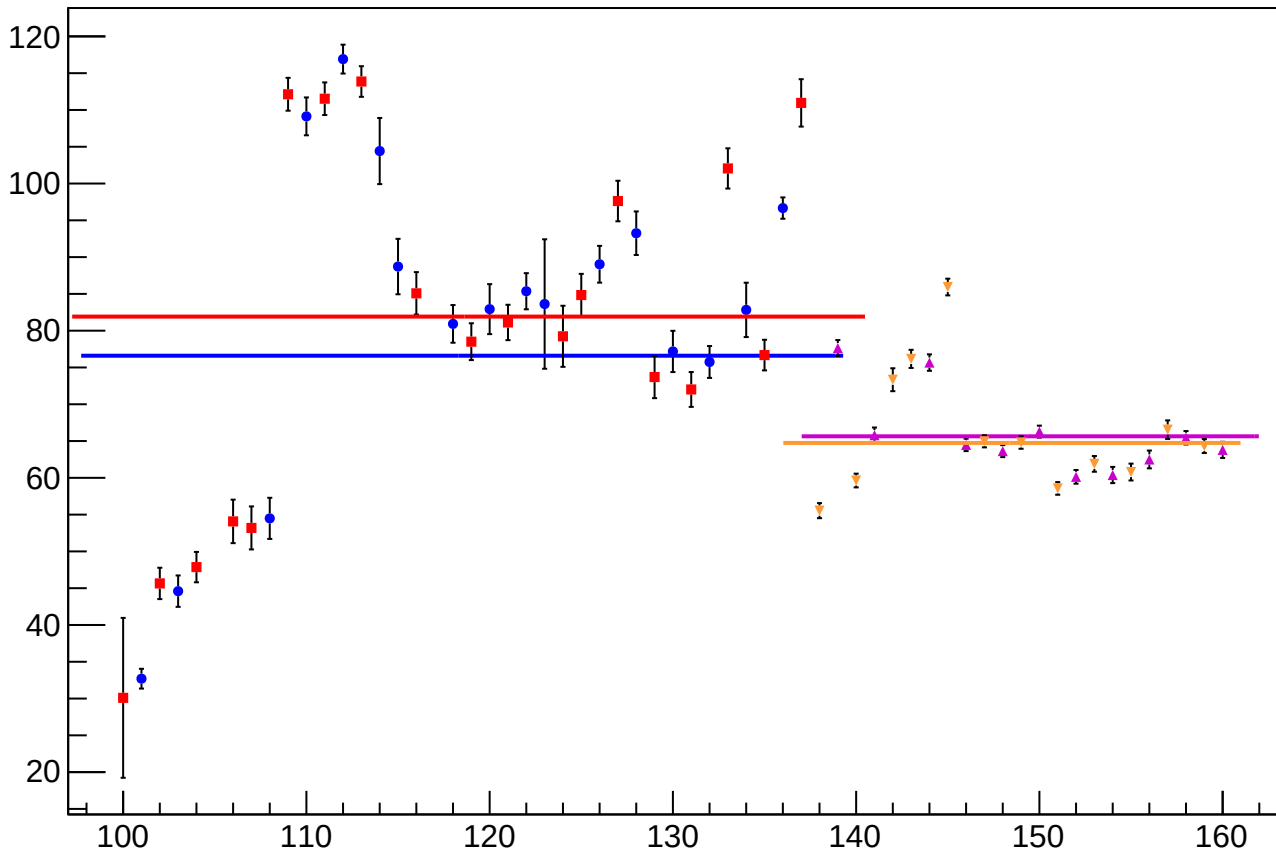
Right Out: 3.707 ± 0.326 $\chi^2/\text{NDF}: 269.4/18$

Left In: 2.138 ± 0.201 $\chi^2/\text{NDF}: 179.4/10$

2.114 ± 0.168 $\chi^2/\text{NDF}: 585.0/28$

2.569 ± 0.171 $\chi^2/\text{NDF}: 465.6/29$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 $\pm$ 0.576 χ^2/NDF : 2255.1/16

Left Out: 64.743 $\pm$ 0.295 χ^2/NDF : 647.2/11

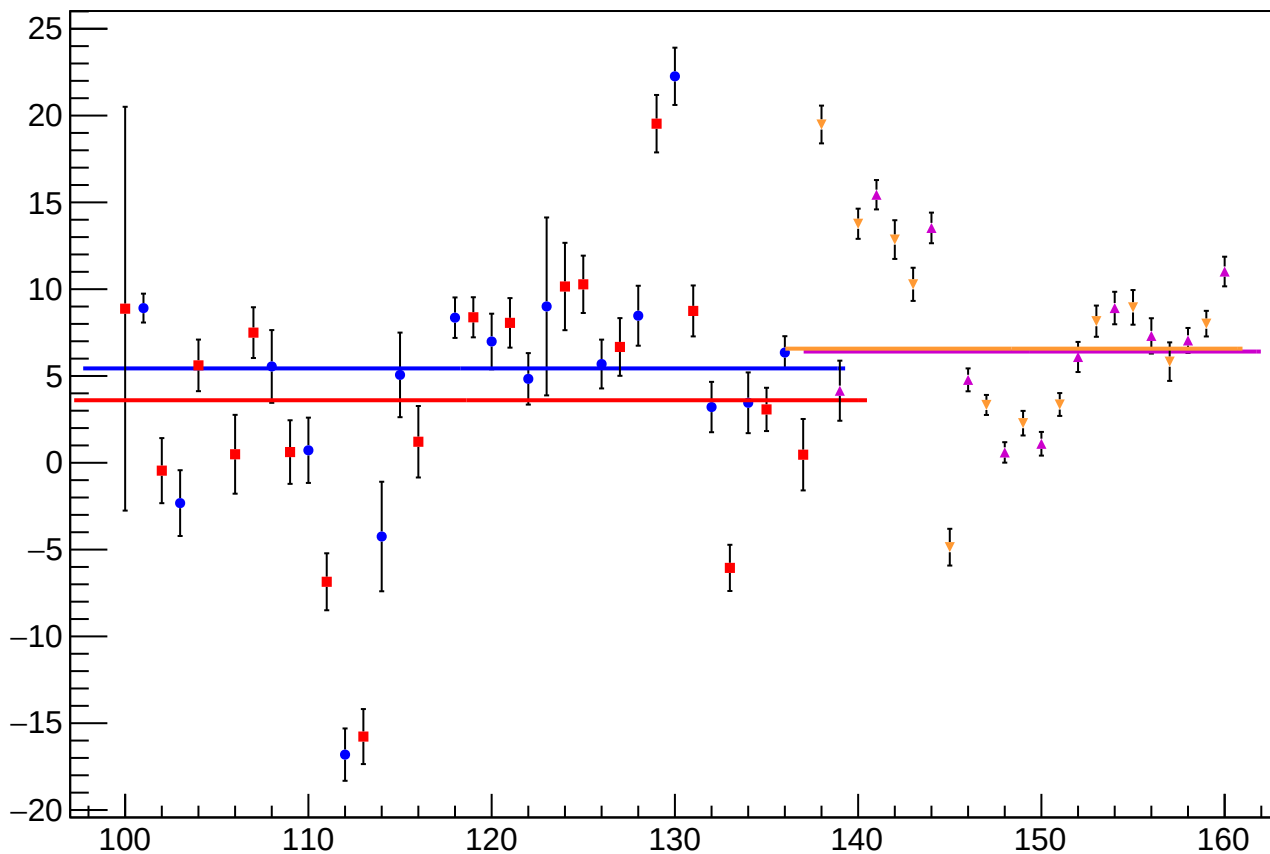
Right Out: 81.916 $\pm$ 0.592 χ^2/NDF : 1570.7/18

Left In: 65.644 $\pm$ 0.293 χ^2/NDF : 277.8/10

67.203 $\pm$ 0.262 χ^2/NDF : 3238.0/28

68.845 $\pm$ 0.263 χ^2/NDF : 2455.3/29

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 ± 0.360 χ^2/NDF : 387.2/16

Left Out: 6.575 ± 0.241 χ^2/NDF : 478.2/11

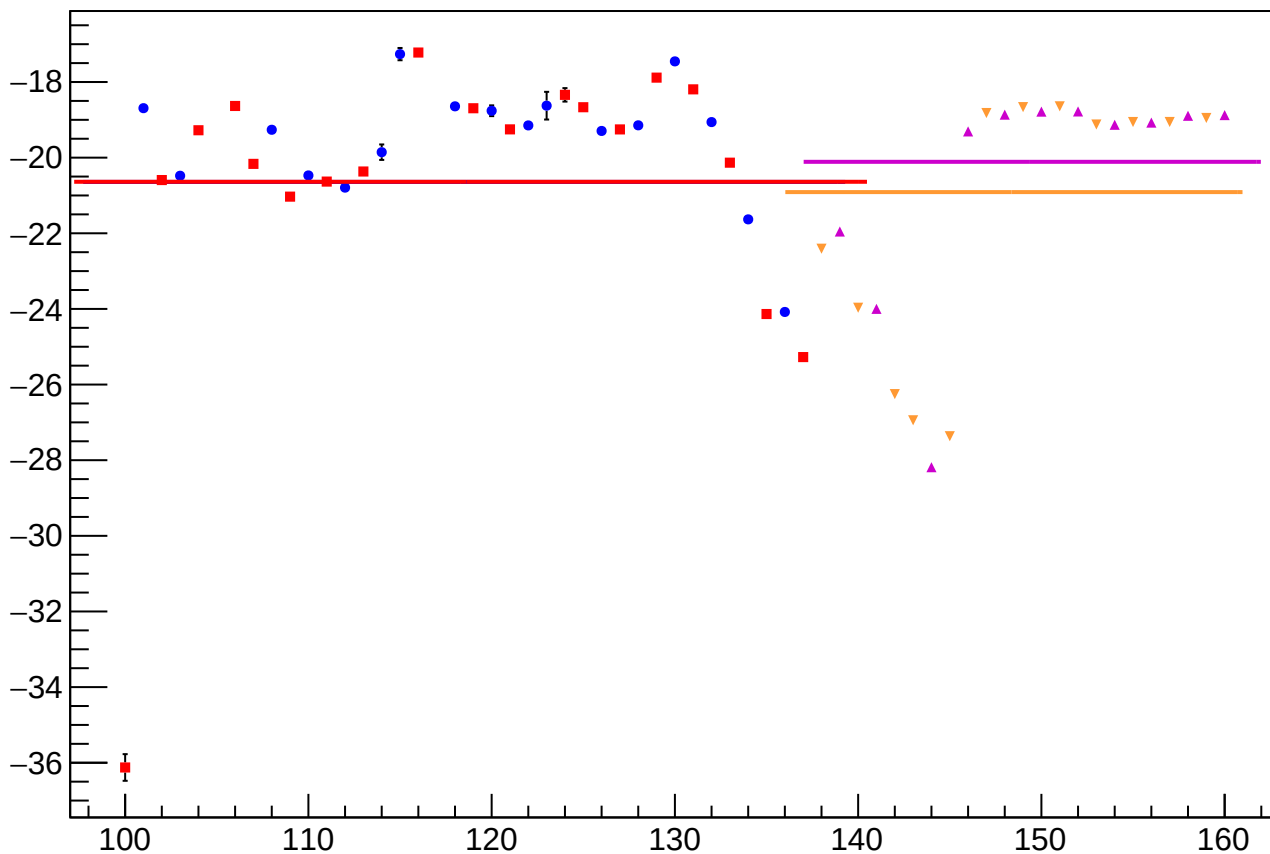
Right Out: 3.602 ± 0.375 χ^2/NDF : 423.3/18

Left In: 6.407 ± 0.242 χ^2/NDF : 382.8/10

6.222 ± 0.201 χ^2/NDF : 872.3/28

5.583 ± 0.203 χ^2/NDF : 845.6/29

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.642 ± 0.019 χ^2/NDF : 12431.5/16

Left Out: -20.911 ± 0.012 χ^2/NDF : 69650.5/11

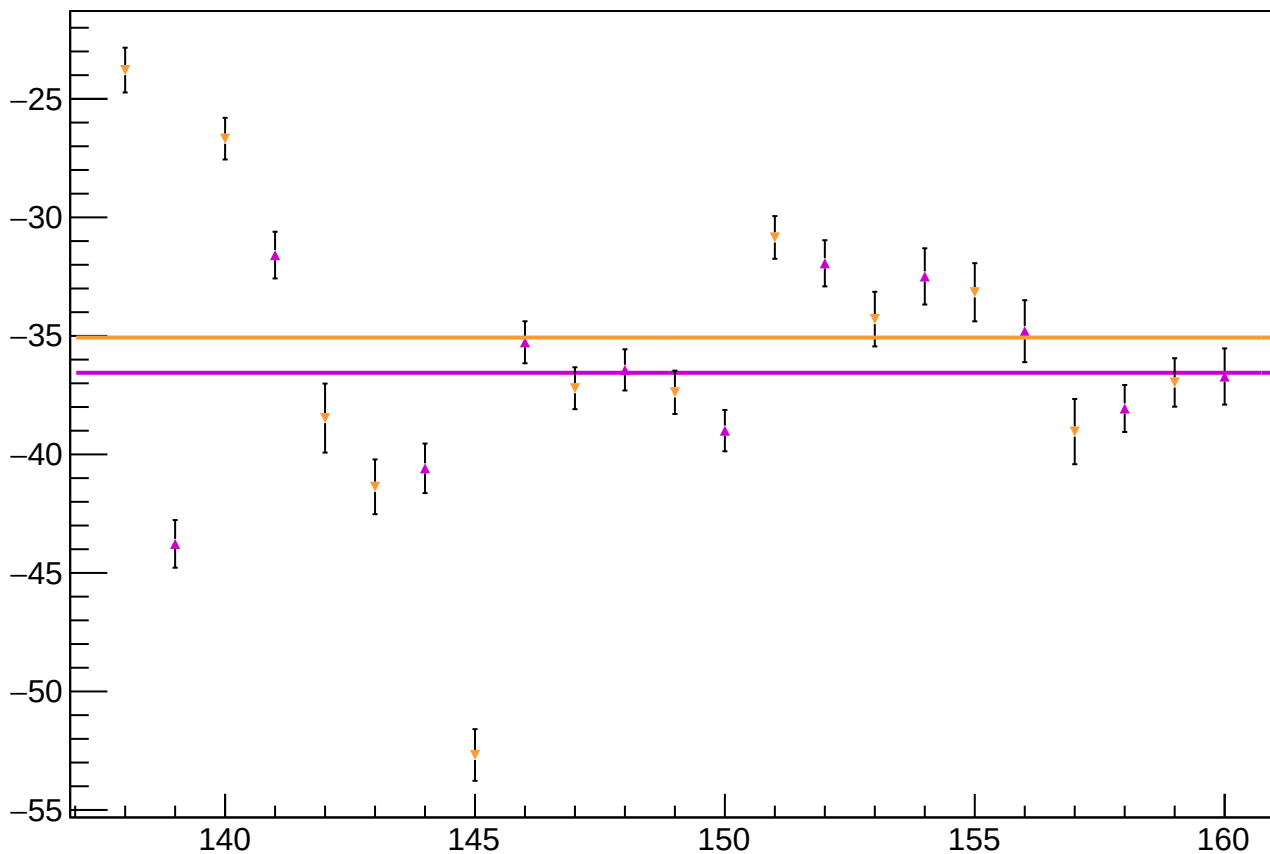
Right Out: -20.638 ± 0.019 χ^2/NDF : 13783.4/18

Left In: -20.110 ± 0.012 χ^2/NDF : 46103.4/10

-20.838 ± 0.010 χ^2/NDF : 82223.1/28

-20.247 ± 0.010 χ^2/NDF : 60431.5/29

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.070+/-0.300 χ^2/NDF : 578.9/11

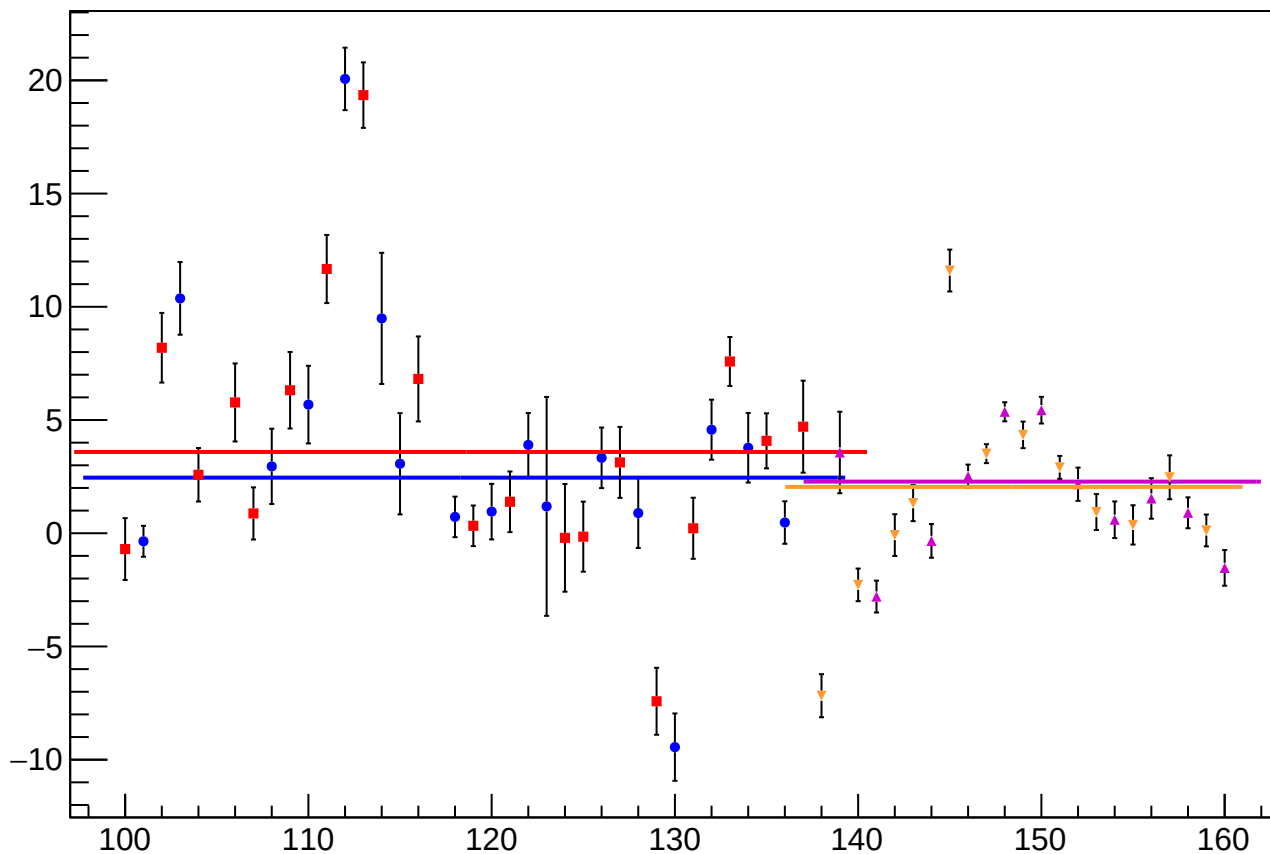
-35.070+/-0.300 χ^2/NDF : 578.9/11

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

-36.556+/-0.302 χ^2/NDF : 140.1/10

Left In: -36.556+/-0.302 χ^2/NDF : 140.1/10

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 $\pm$ 0.315 χ^2 /NDF: 293.5/16

Left Out: 2.046 $\pm$ 0.198 χ^2 /NDF: 286.8/11

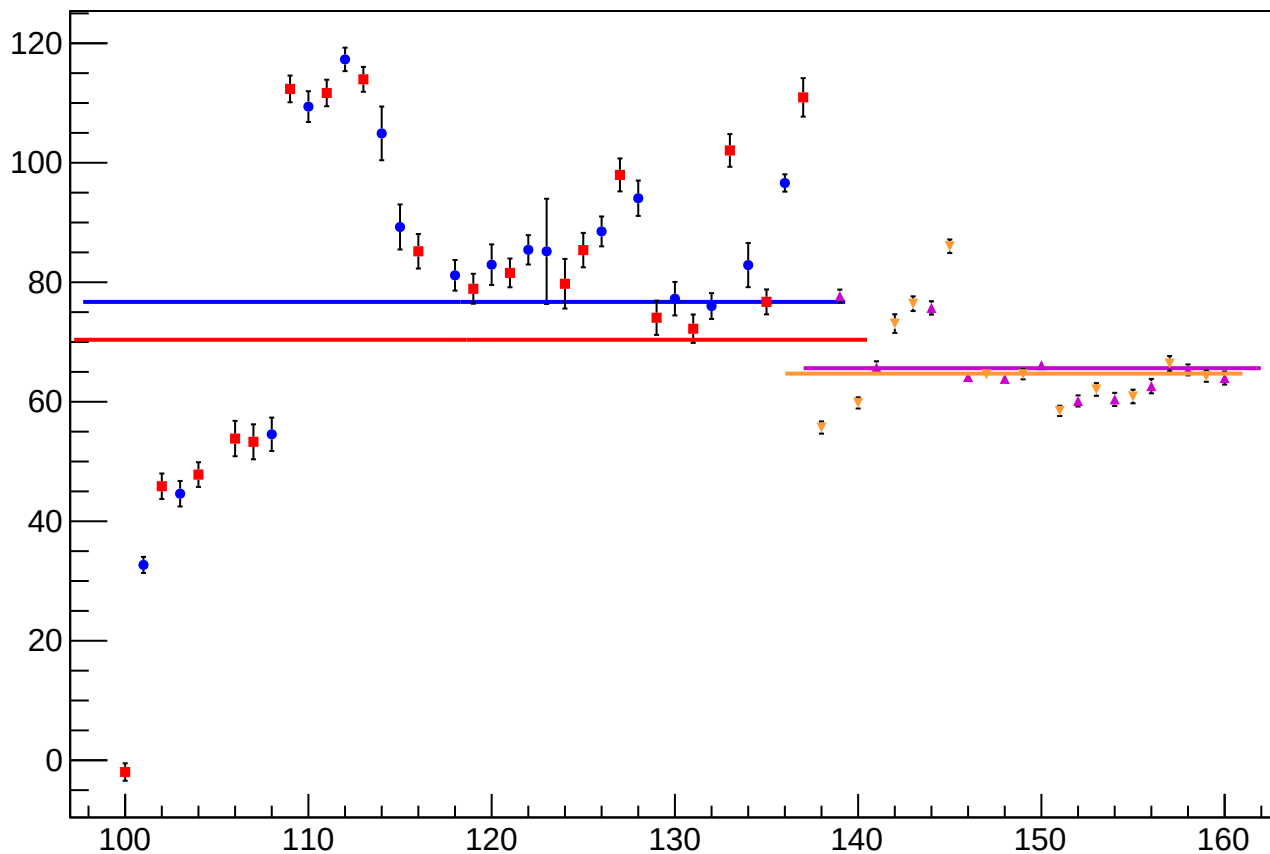
Right Out: 3.590 $\pm$ 0.318 χ^2 /NDF: 279.8/18

Left In: 2.279 $\pm$ 0.201 χ^2 /NDF: 179.9/10

2.163 $\pm$ 0.168 χ^2 /NDF: 581.5/28

2.653 $\pm$ 0.170 χ^2 /NDF: 471.9/29

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713 ± 0.576 χ^2/NDF : 2266.6/16

Left Out: 64.714 ± 0.295 χ^2/NDF : 646.7/11

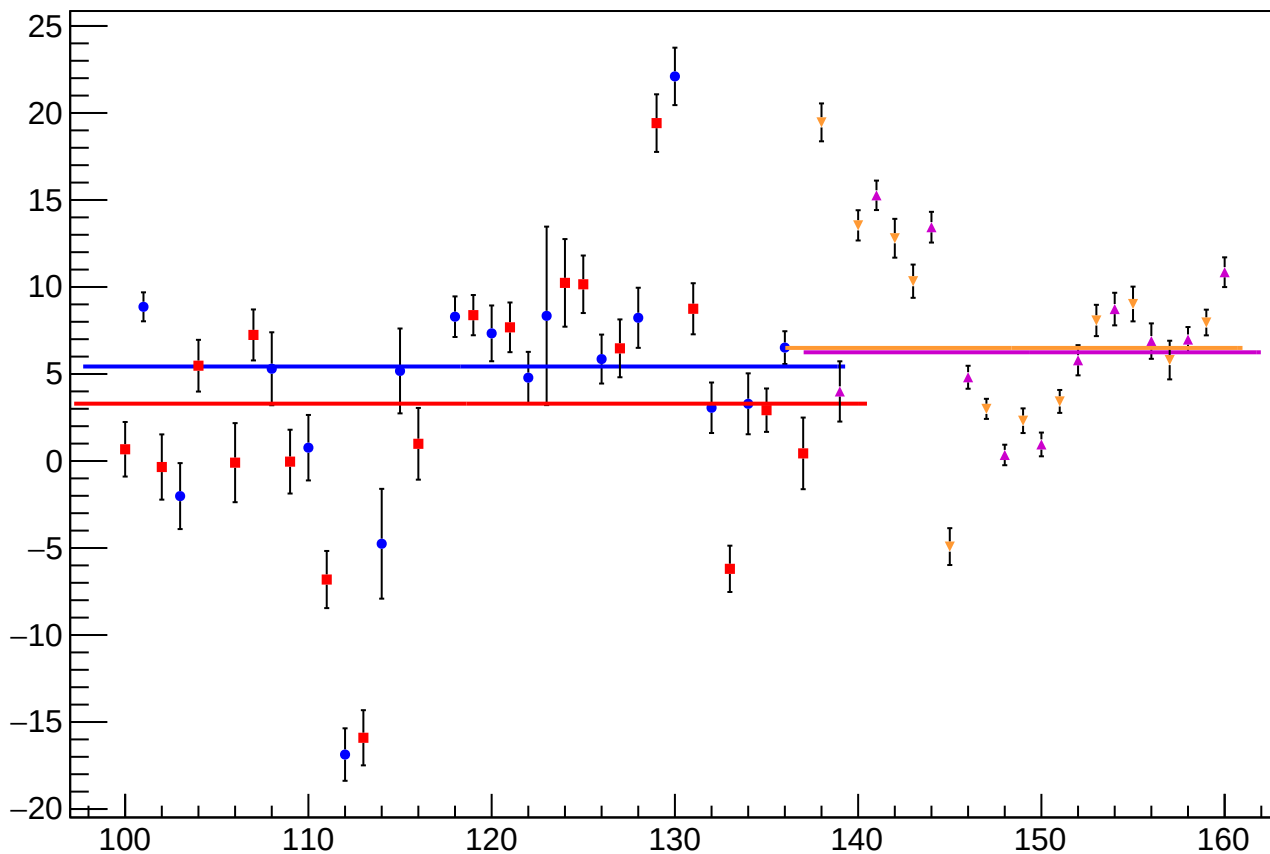
Right Out: 70.376 ± 0.550 χ^2/NDF : 4390.7/18

Left In: 65.620 ± 0.293 χ^2/NDF : 277.8/10

67.203 ± 0.263 χ^2/NDF : 3256.8/28

66.673 ± 0.259 χ^2/NDF : 4726.7/29

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 $\pm$ 0.361 χ^2 /NDF: 385.9/16

Left Out: 6.498 $\pm$ 0.242 χ^2 /NDF: 478.8/11

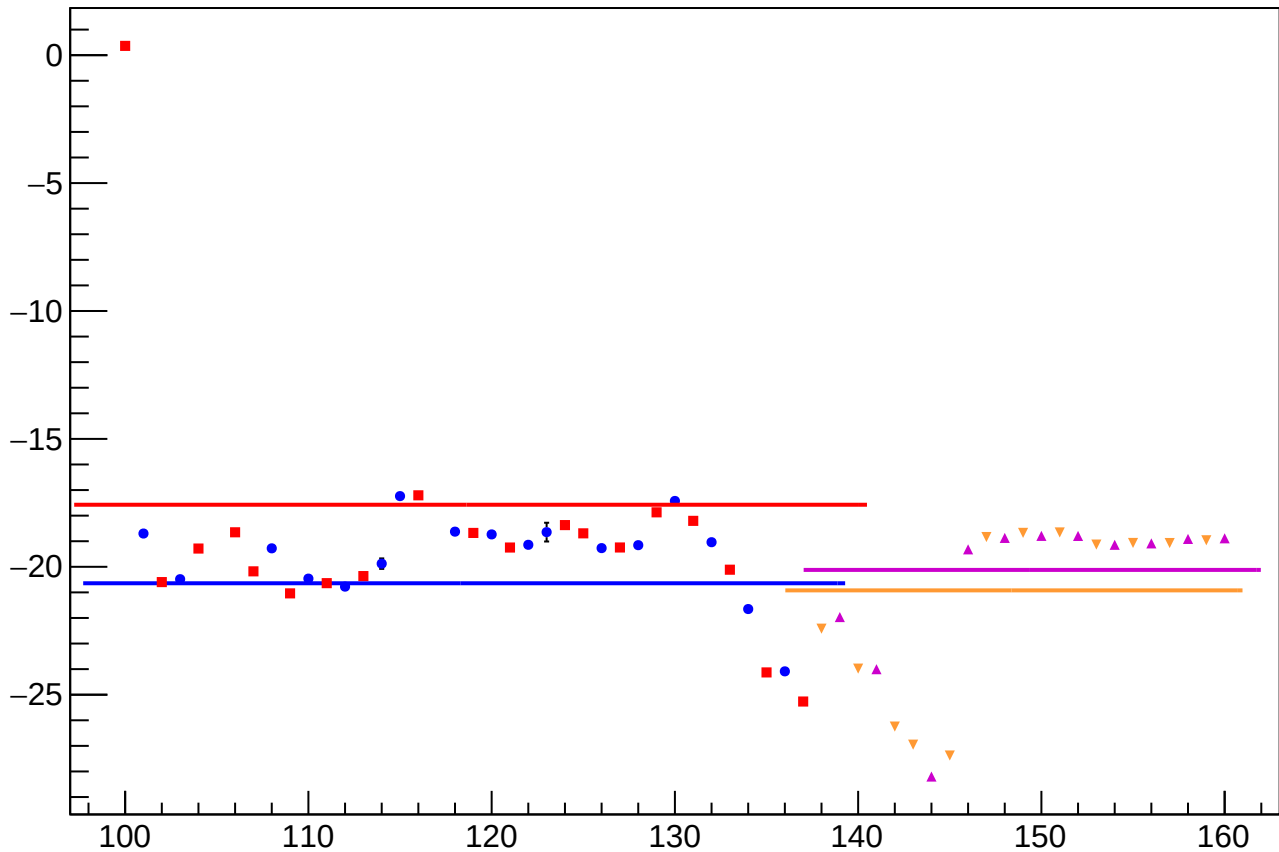
Right Out: 3.295 $\pm$ 0.365 χ^2 /NDF: 426.1/18

Left In: 6.247 $\pm$ 0.242 χ^2 /NDF: 384.4/10

6.168 $\pm$ 0.201 χ^2 /NDF: 870.8/28

5.345 $\pm$ 0.202 χ^2 /NDF: 855.9/29

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643 ± 0.019 $\chi^2/\text{NDF}: 12468.6/16$

Left Out: -20.921 ± 0.012 $\chi^2/\text{NDF}: 69484.0/11$

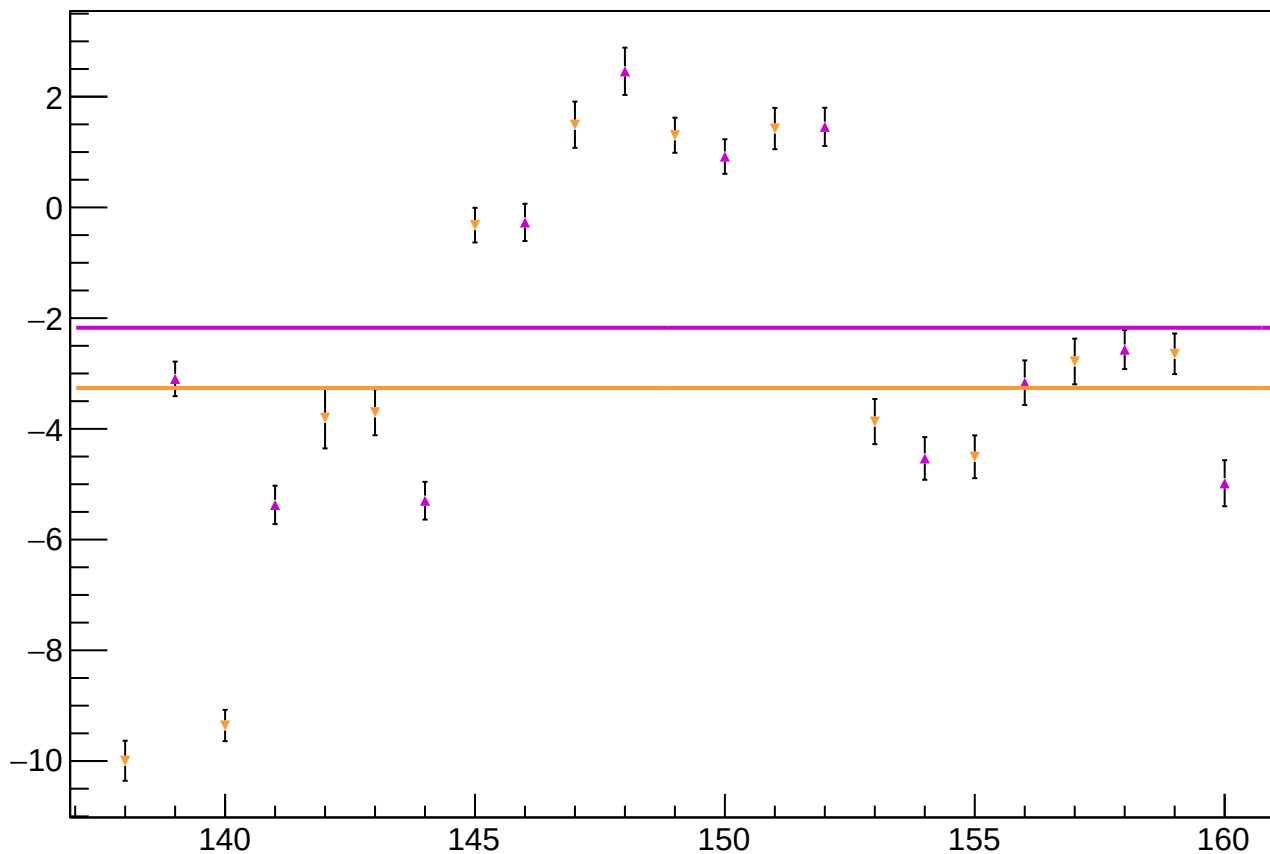
Right Out: -17.574 ± 0.018 $\chi^2/\text{NDF}: 178327.0/18$

Left In: -20.121 ± 0.012 $\chi^2/\text{NDF}: 46031.3/10$

-20.846 ± 0.010 $\chi^2/\text{NDF}: 82103.3/28$

-19.382 ± 0.010 $\chi^2/\text{NDF}: 238517.0/29$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug

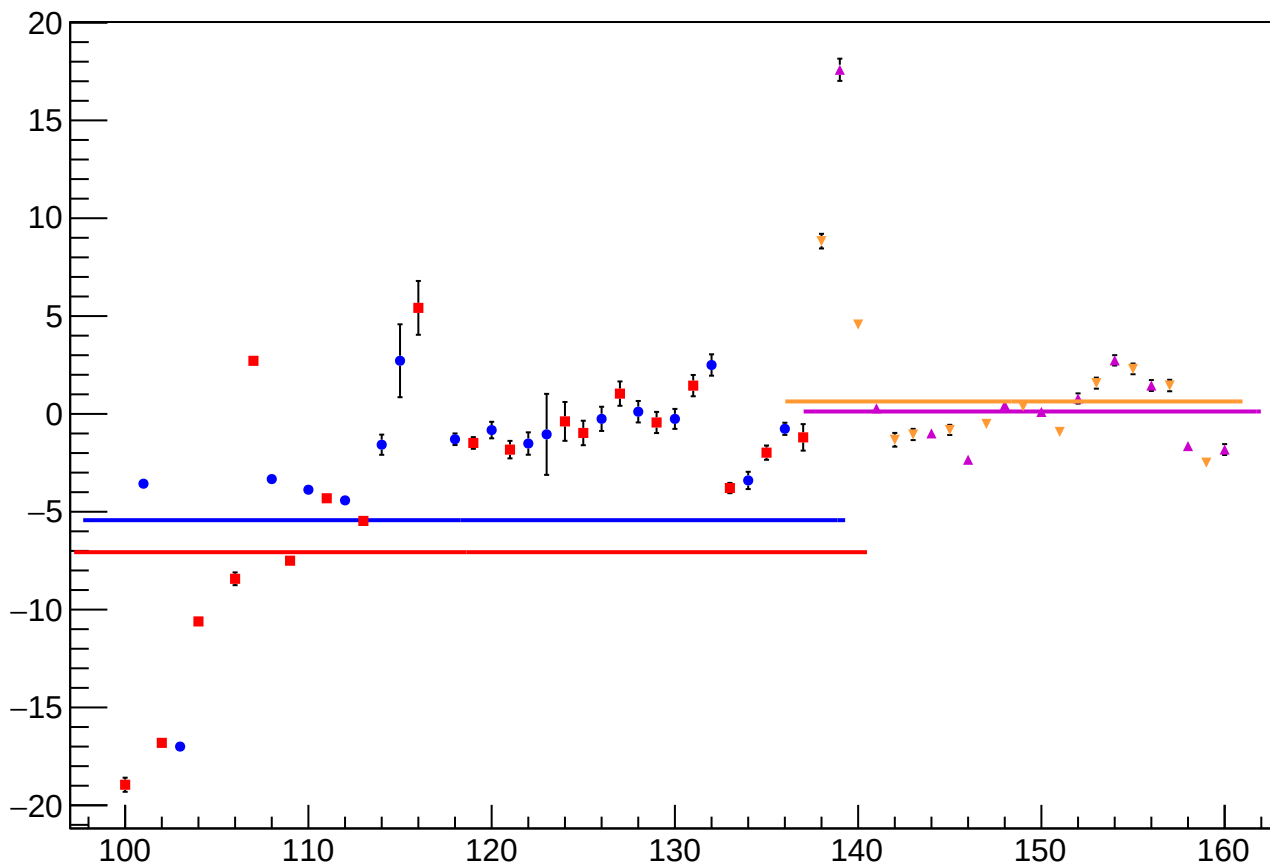


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: -3.261+/-0.106 χ^2/NDF : 1413.3/11
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -2.174+/-0.107 χ^2/NDF : 626.4/10

-3.261+/-0.106 χ^2/NDF : 1413.3/11

-2.174+/-0.107 χ^2/NDF : 626.4/10

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431+/-0.055 χ^2 /NDF: 9233.8/16

Left Out: 0.637+/-0.074 χ^2 /NDF:1147.8/11

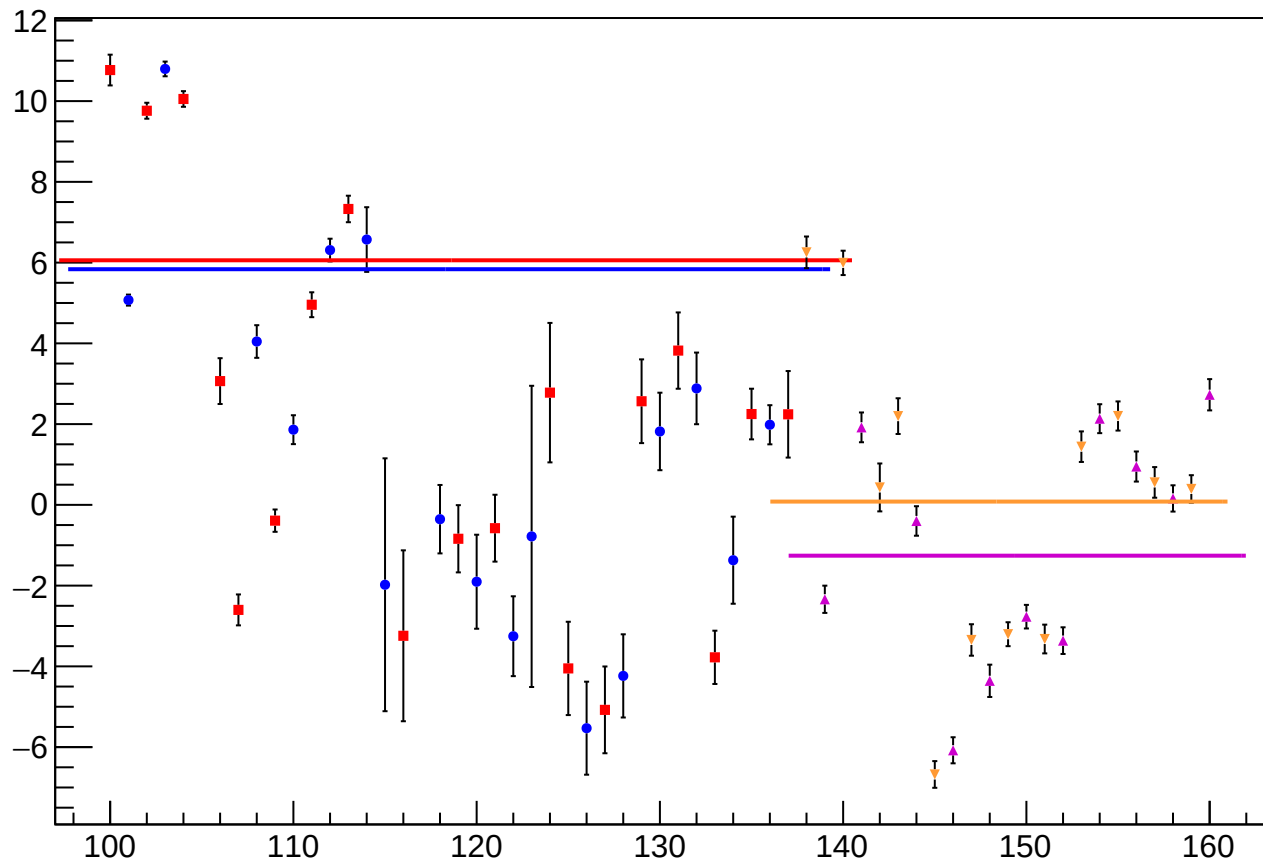
Right Out: -7.066+/-0.059 χ^2 /NDF: 12306.6/18

Left In: 0.124+/-0.076 χ^2 /NDF:1333.9/10

-3.279+/-0.044 χ^2 /NDF: 14718.6/28

-4.346+/-0.047 χ^2 /NDF: 19253.4/29

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 $\chi^2/\text{NDF}: 1440.9/16$

Left Out: 0.081 ± 0.105 $\chi^2/\text{NDF}: 1414.8/11$

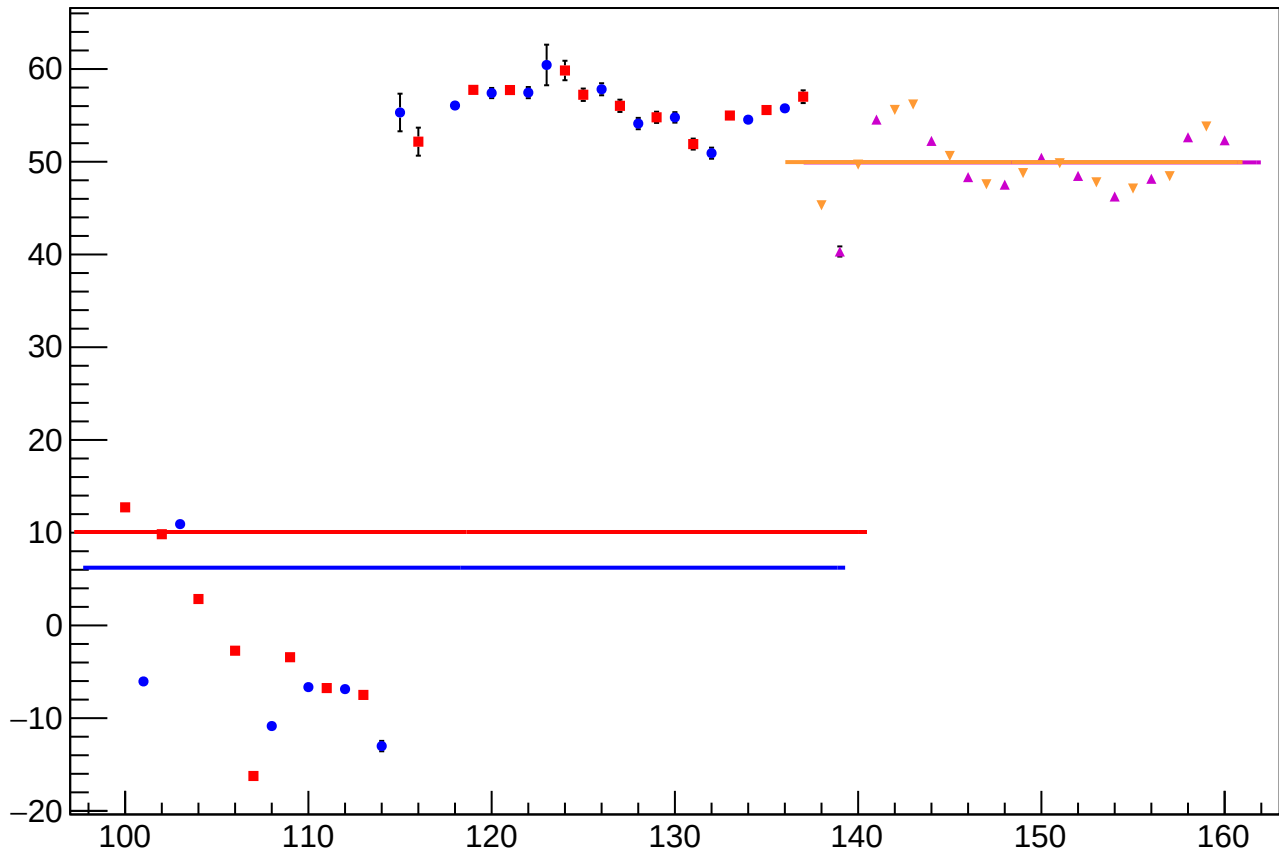
Right Out: 6.057 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -1.259 ± 0.105 $\chi^2/\text{NDF}: 689.7/10$

3.410 ± 0.068 $\chi^2/\text{NDF}: 4593.0/28$

2.814 ± 0.070 $\chi^2/\text{NDF}: 6082.7/29$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226+/-0.065 χ^2/NDF : 120955.1/16

Left Out: 49.963+/-0.088 χ^2/NDF :1086.0/11

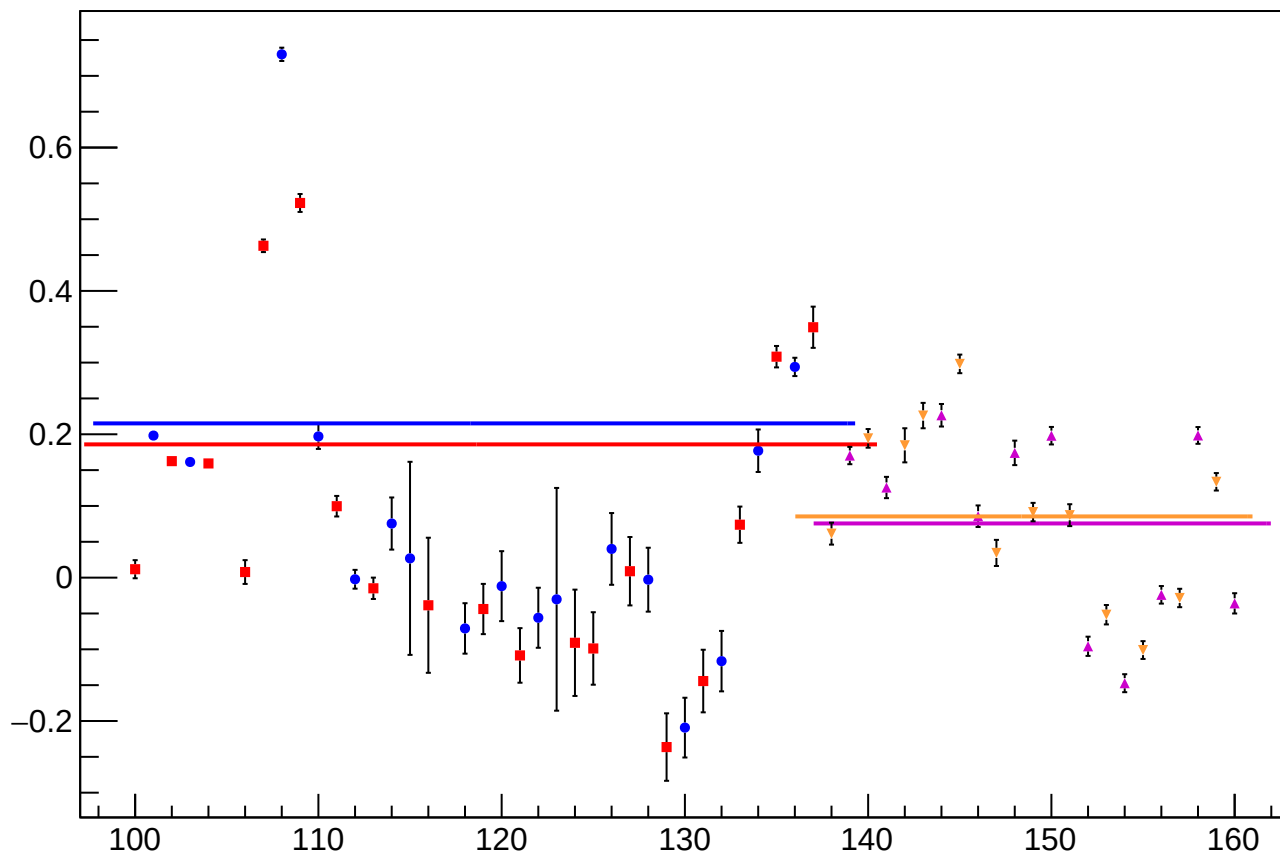
21.562+/-0.052 χ^2/NDF : 281636.1/28

Right Out: 10.075+/-0.070 χ^2/NDF : 122049.3/18

25.282+/-0.055 χ^2/NDF : 247763.8/29

Left In: 49.929+/-0.089 χ^2/NDF :1094.4/10

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 χ^2/NDF : 3925.9/16

Left Out: 0.085 ± 0.004 χ^2/NDF : 852.6/11

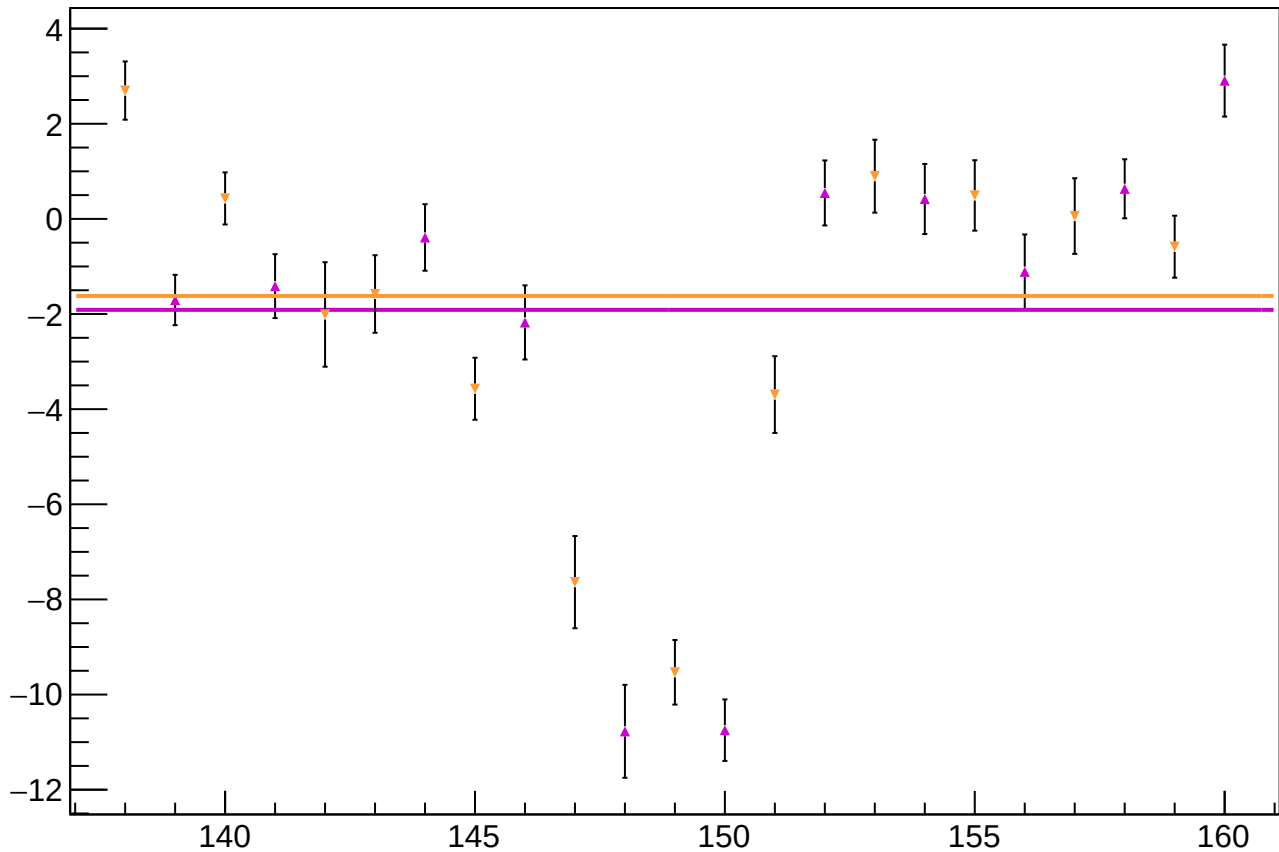
Right Out: 0.186 ± 0.003 χ^2/NDF : 2718.1/18

Left In: 0.076 ± 0.004 χ^2/NDF : 1016.5/10

0.175 ± 0.002 χ^2/NDF : 5464.1/28

0.152 ± 0.002 χ^2/NDF : 4249.1/29

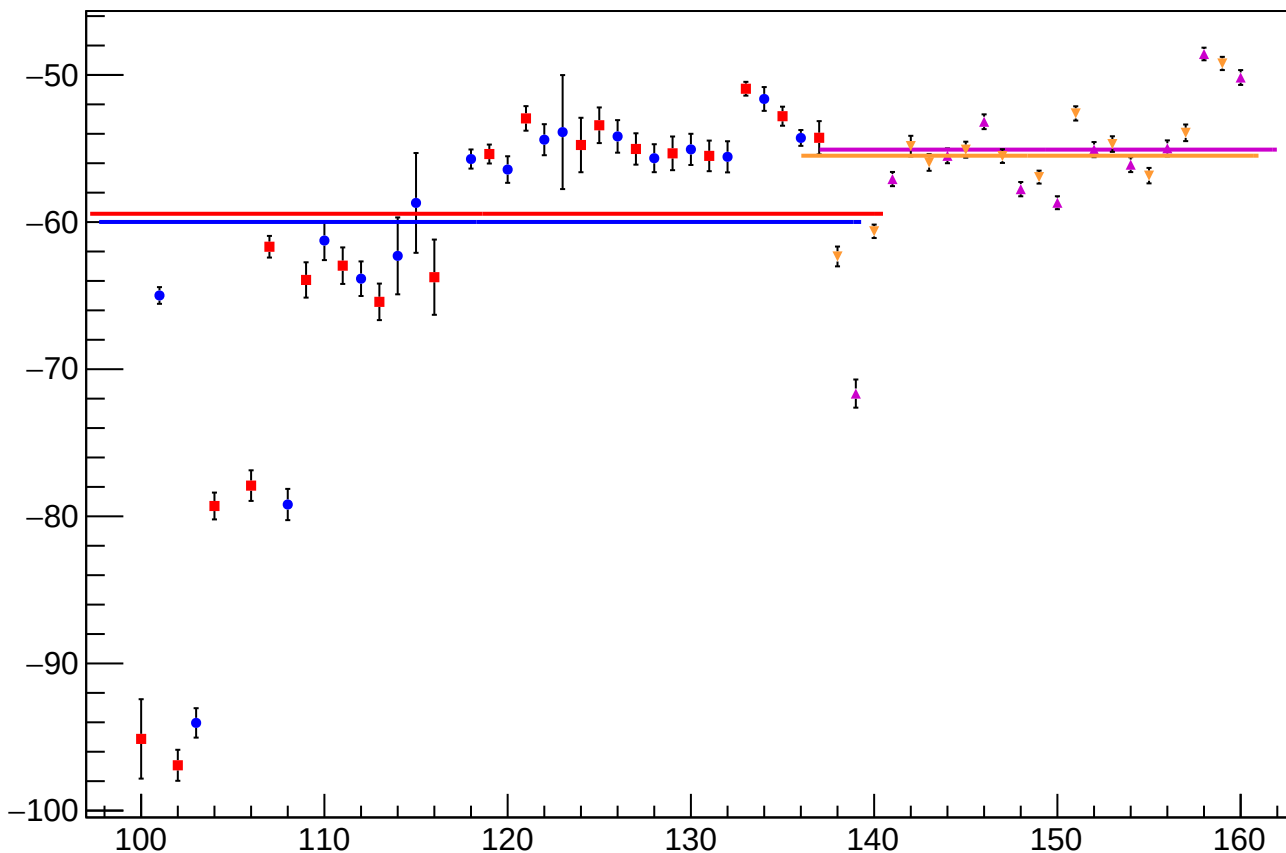
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.620 $\pm$ 0.209 χ^2 /NDF:279.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.912 $\pm$ 0.209 χ^2 /NDF:356.0/10

-1.620 $\pm$ 0.209 χ^2 /NDF: 279.7/11
 -1.912 $\pm$ 0.209 χ^2 /NDF: 356.0/10

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -55.489 ± 0.149 χ^2/NDF : 488.5/11

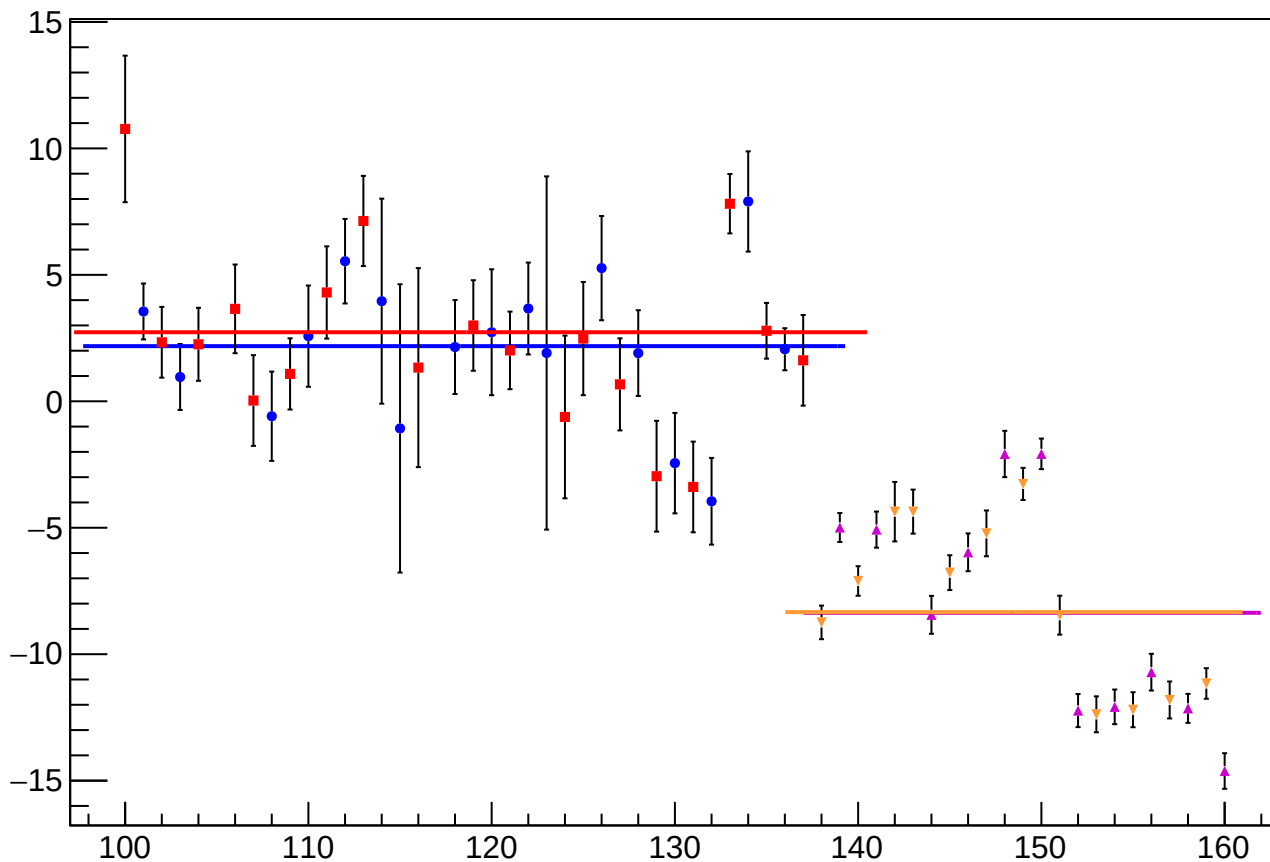
Right Out: -59.435 ± 0.212 χ^2/NDF : 2917.9/18

Left In: -55.075 ± 0.152 χ^2/NDF : 758.0/10

-56.868 ± 0.124 χ^2/NDF : 2739.4/28

-56.560 ± 0.124 χ^2/NDF : 3954.9/29

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 ± 0.406 $\chi^2/\text{NDF}: 39.0/16$

Left Out: -8.337 ± 0.207 $\chi^2/\text{NDF}: 225.6/11$

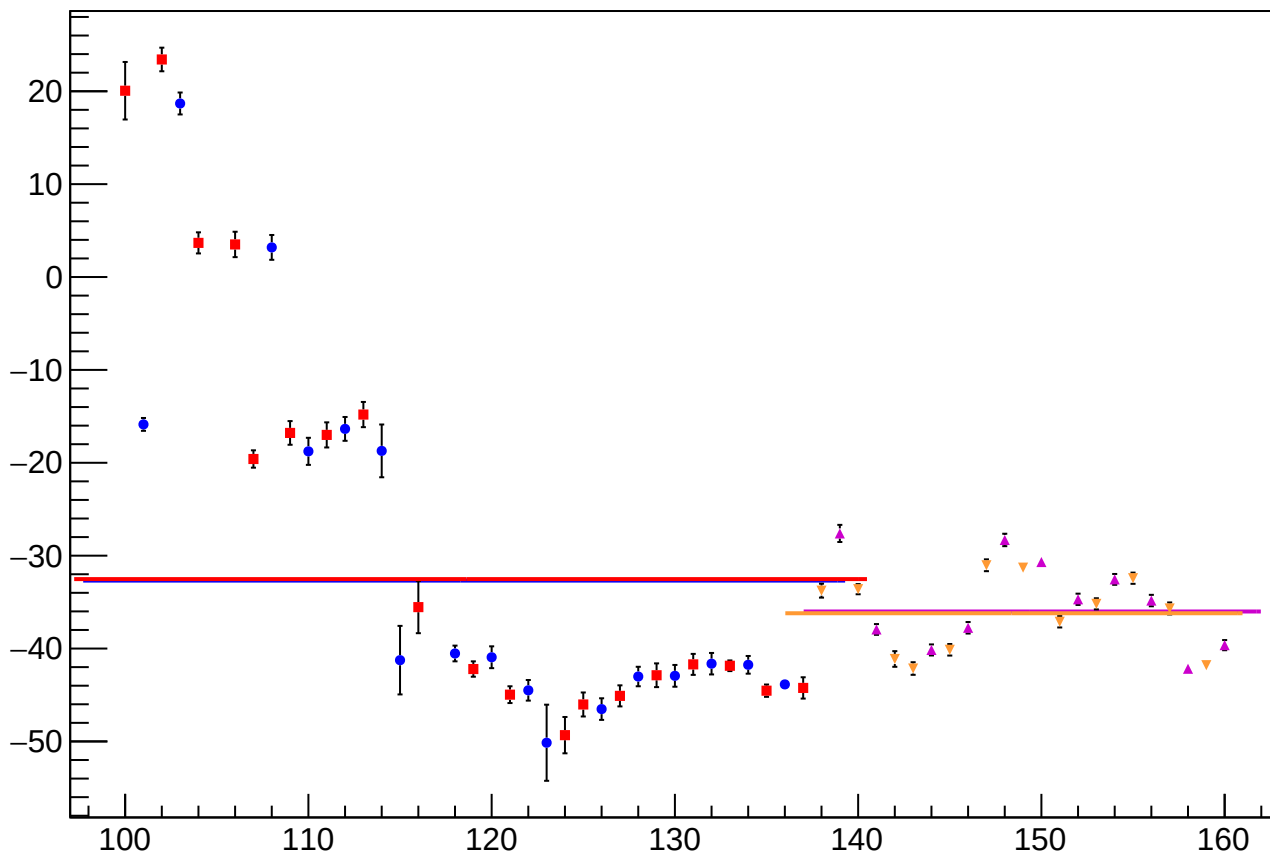
Right Out: 2.731 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

Left In: -8.364 ± 0.204 $\chi^2/\text{NDF}: 418.6/10$

-6.170 ± 0.184 $\chi^2/\text{NDF}: 798.4/28$

-5.954 ± 0.181 $\chi^2/\text{NDF}: 1117.7/29$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.682+/-0.256 χ^2/NDF : 4646.9/16

Left Out: -36.200+/-0.176 χ^2/NDF : 520.4/11

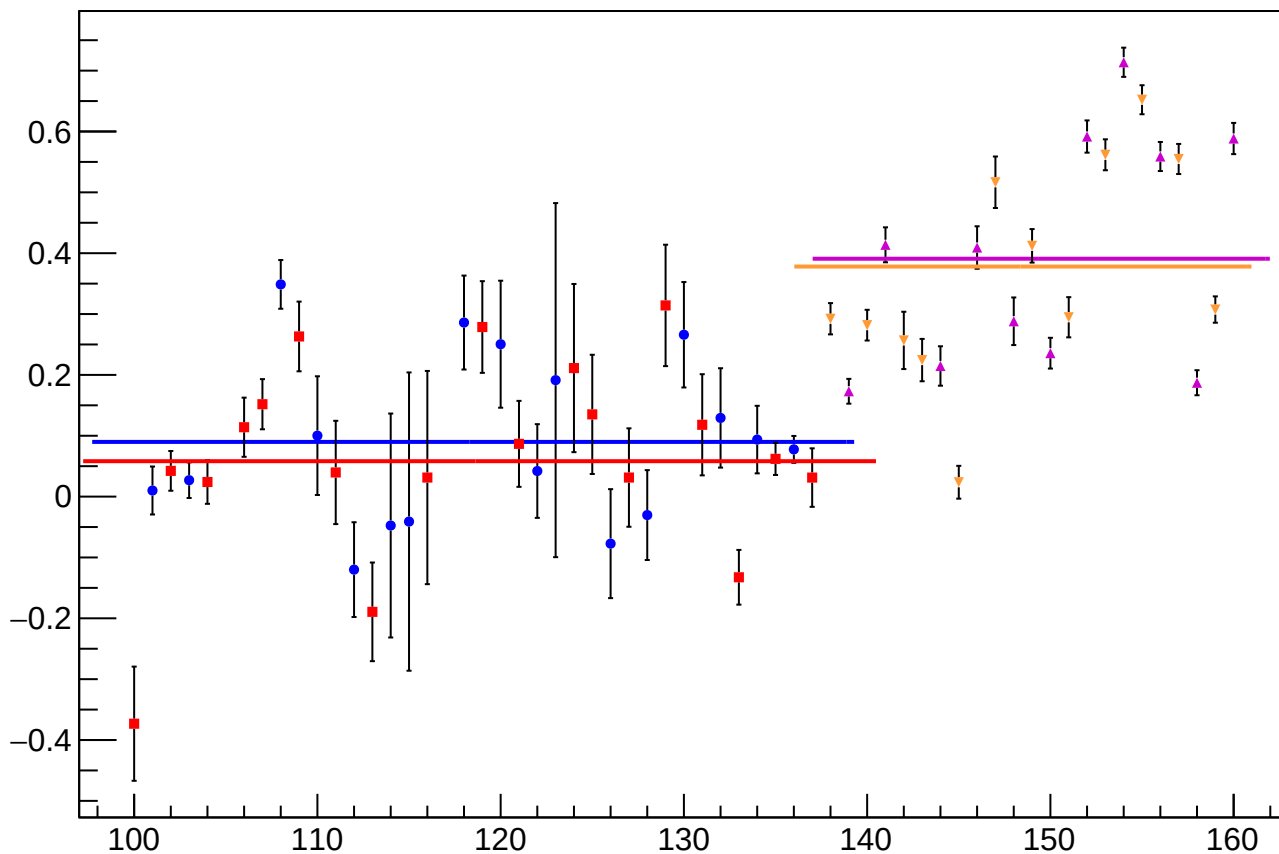
Right Out: -32.523+/-0.244 χ^2/NDF : 6045.3/18

Left In: -36.011+/-0.176 χ^2/NDF : 666.0/10

-35.070+/-0.145 χ^2/NDF : 5295.7/28

-34.815+/-0.143 χ^2/NDF : 6845.6/29

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 78.8/16$

Left Out: 0.378 ± 0.008 $\chi^2/\text{NDF}: 489.4/11$

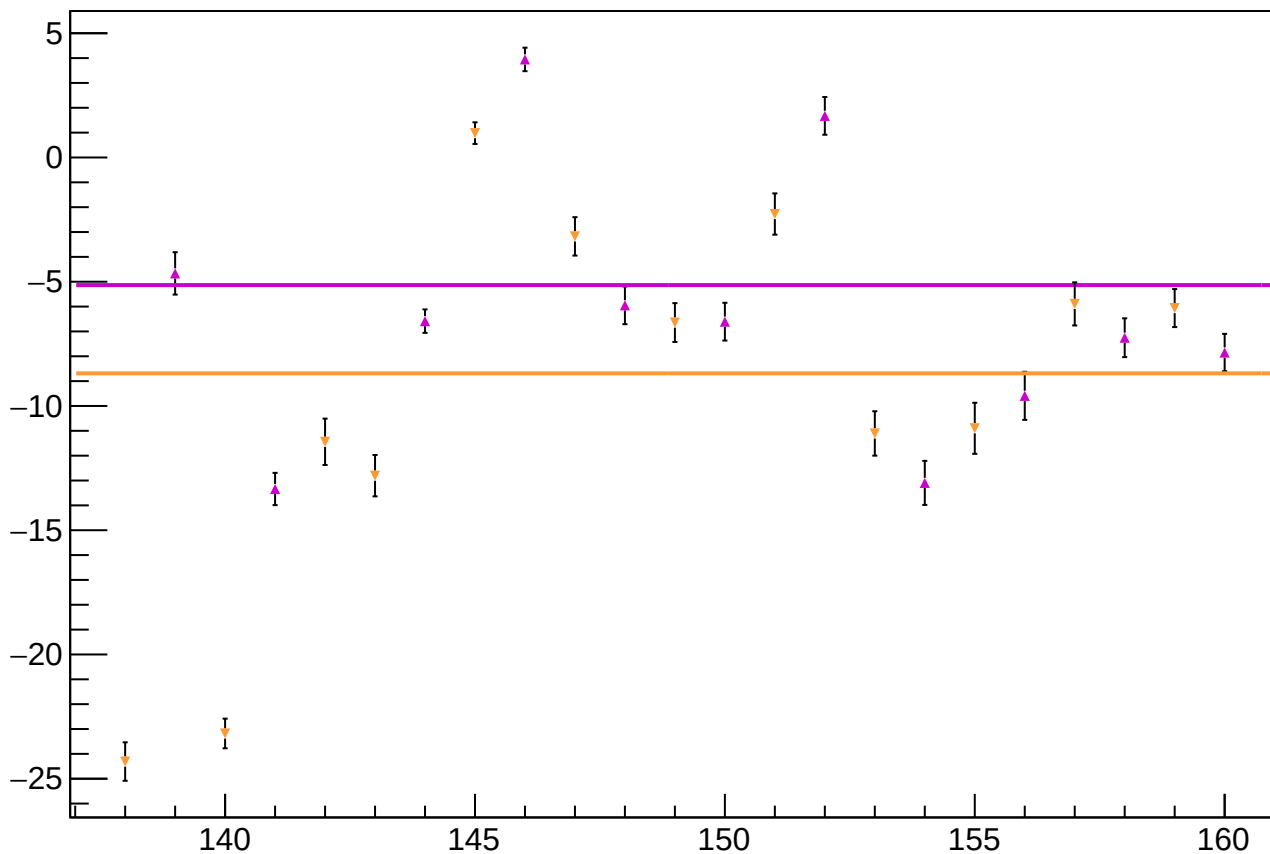
Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.391 ± 0.008 $\chi^2/\text{NDF}: 634.8/10$

0.297 ± 0.007 $\chi^2/\text{NDF}: 934.9/28$

0.294 ± 0.007 $\chi^2/\text{NDF}: 1251.3/29$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

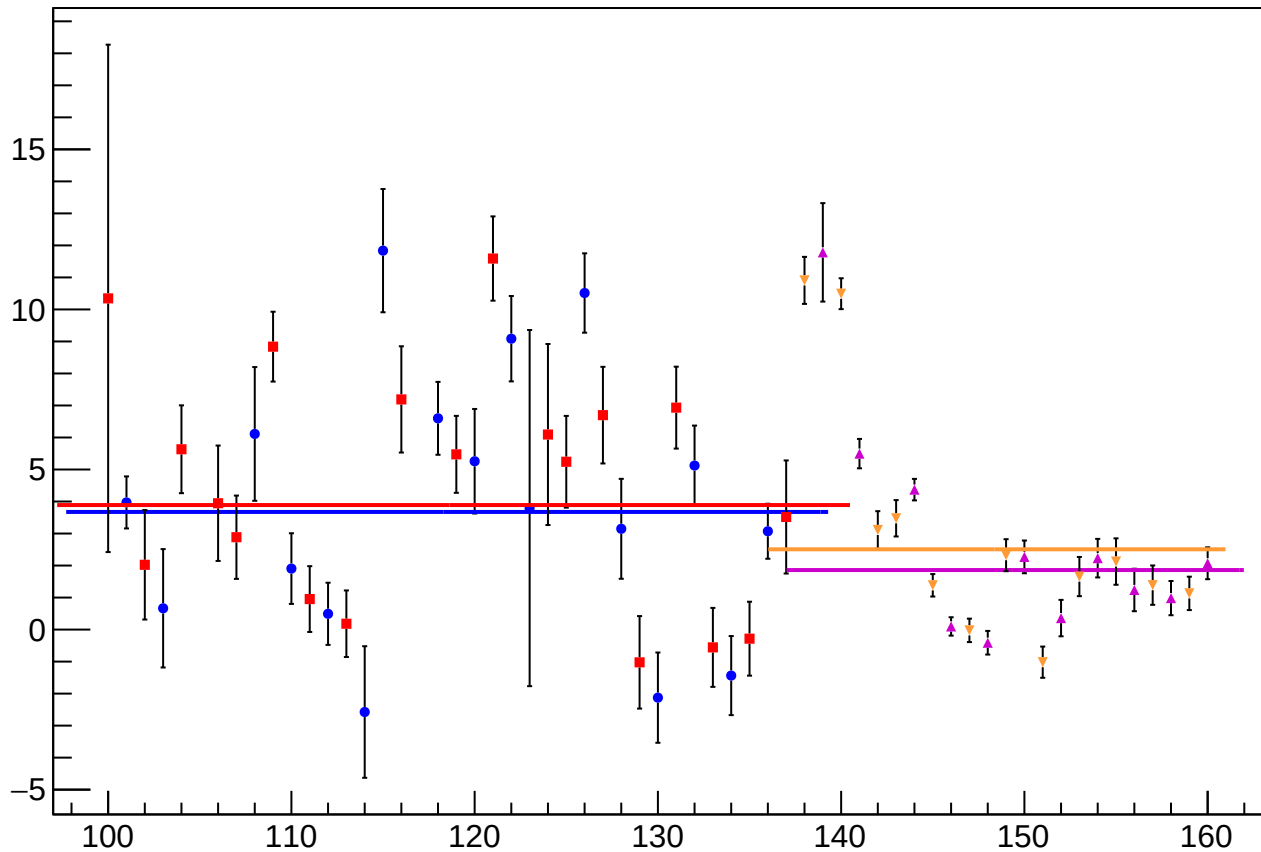


Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.687 $\pm$ 0.212 χ^2/NDF : 1672.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -5.135 $\pm$ 0.206 χ^2/NDF : 746.4/10

-8.687 $\pm$ 0.212 χ^2/NDF : 1672.8/11

-5.135 $\pm$ 0.206 χ^2/NDF : 746.4/10

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.675 ± 0.310 χ^2/NDF : 135.2/16

Left Out: 2.507 ± 0.146 χ^2/NDF : 531.7/11

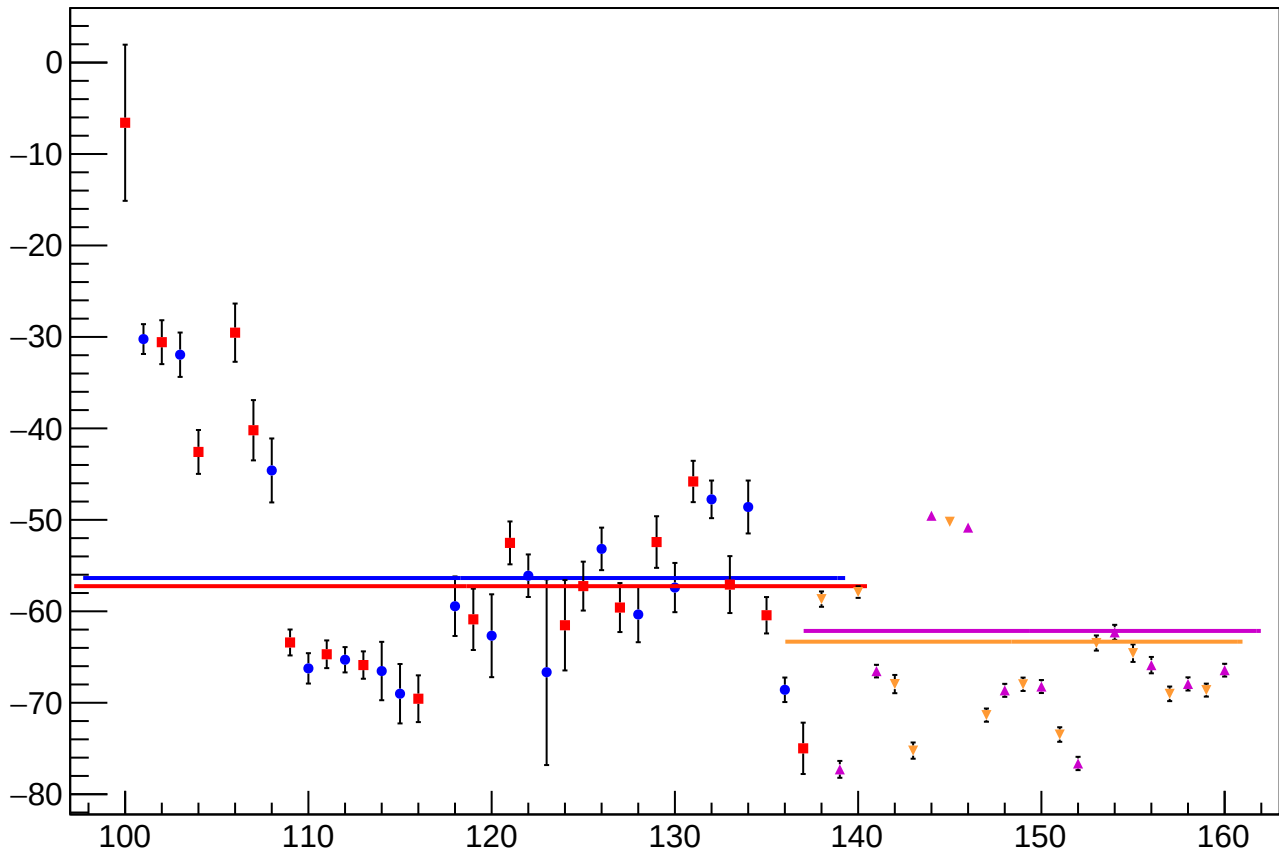
Right Out: 3.890 ± 0.316 χ^2/NDF : 133.7/18

Left In: 1.859 ± 0.137 χ^2/NDF : 247.5/10

2.719 ± 0.132 χ^2/NDF : 678.4/28

2.182 ± 0.126 χ^2/NDF : 416.0/29

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 ± 0.543 χ^2/NDF : 587.2/16

Left Out: -63.321 ± 0.212 χ^2/NDF : 1540.4/11

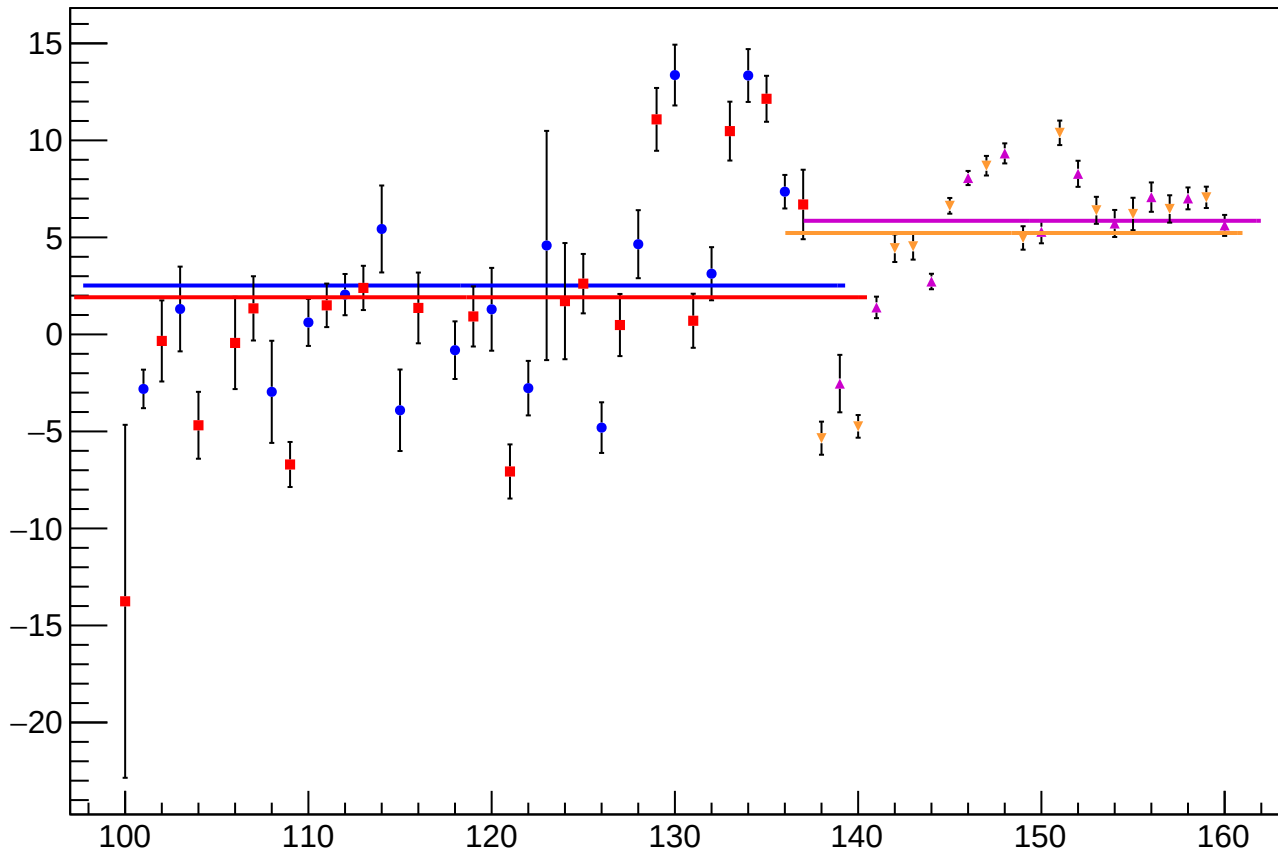
Right Out: -57.252 ± 0.536 χ^2/NDF : 476.0/18

Left In: -62.146 ± 0.202 χ^2/NDF : 2223.0/10

-62.402 ± 0.197 χ^2/NDF : 2270.0/28

-61.539 ± 0.189 χ^2/NDF : 2772.0/29

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 ± 0.347 χ^2/NDF : 242.3/16

Left Out: 5.227 ± 0.175 χ^2/NDF : 591.6/11

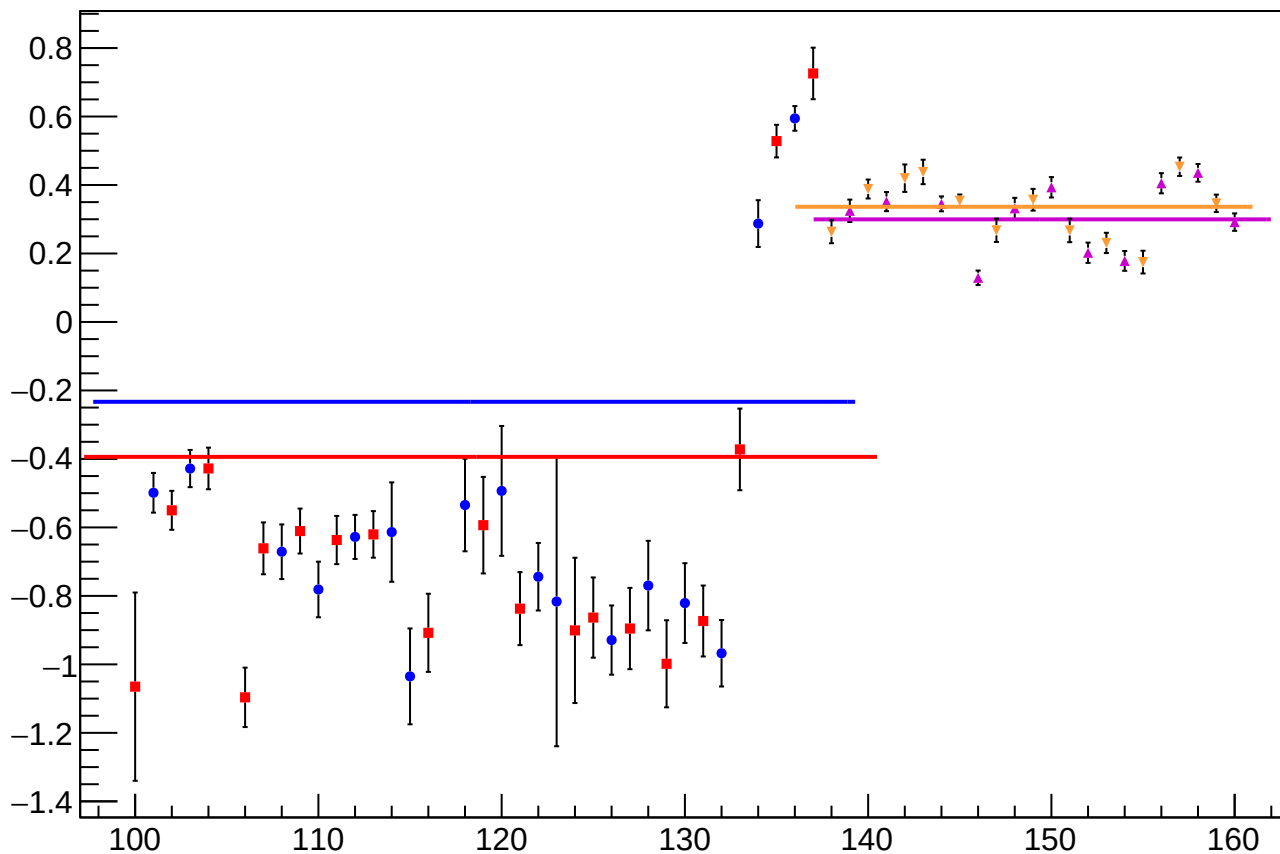
Right Out: 1.914 ± 0.355 χ^2/NDF : 264.5/18

Left In: 5.856 ± 0.165 χ^2/NDF : 261.2/10

4.676 ± 0.157 χ^2/NDF : 882.4/28

5.154 ± 0.150 χ^2/NDF : 627.1/29

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.019 χ^2/NDF : 956.8/16

Left Out: 0.336 ± 0.008 χ^2/NDF : 85.7/11

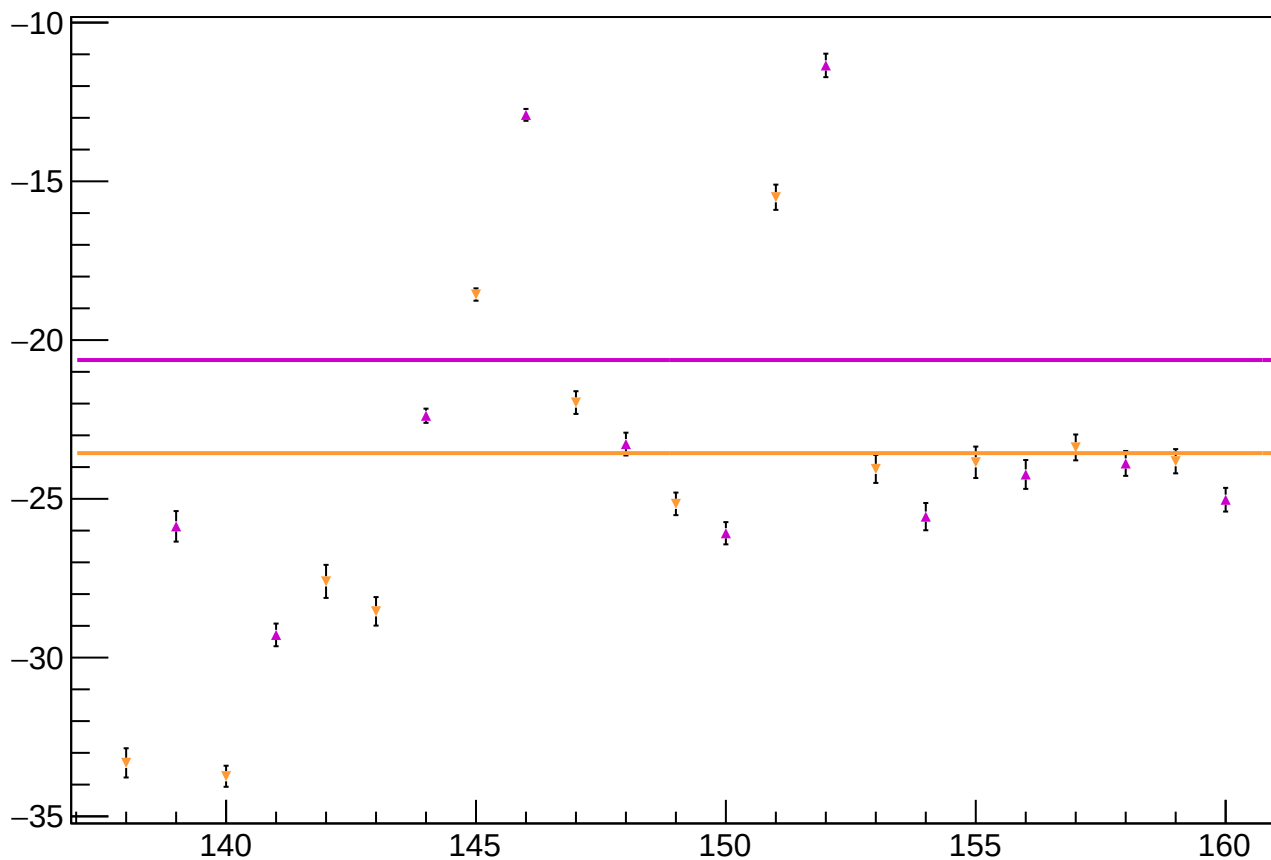
Right Out: -0.394 ± 0.019 χ^2/NDF : 845.2/18

Left In: 0.300 ± 0.008 χ^2/NDF : 153.3/10

0.243 ± 0.008 χ^2/NDF : 1801.7/28

0.193 ± 0.007 χ^2/NDF : 2127.6/29

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.560+/-0.104 χ^2/NDF : 2683.5/11

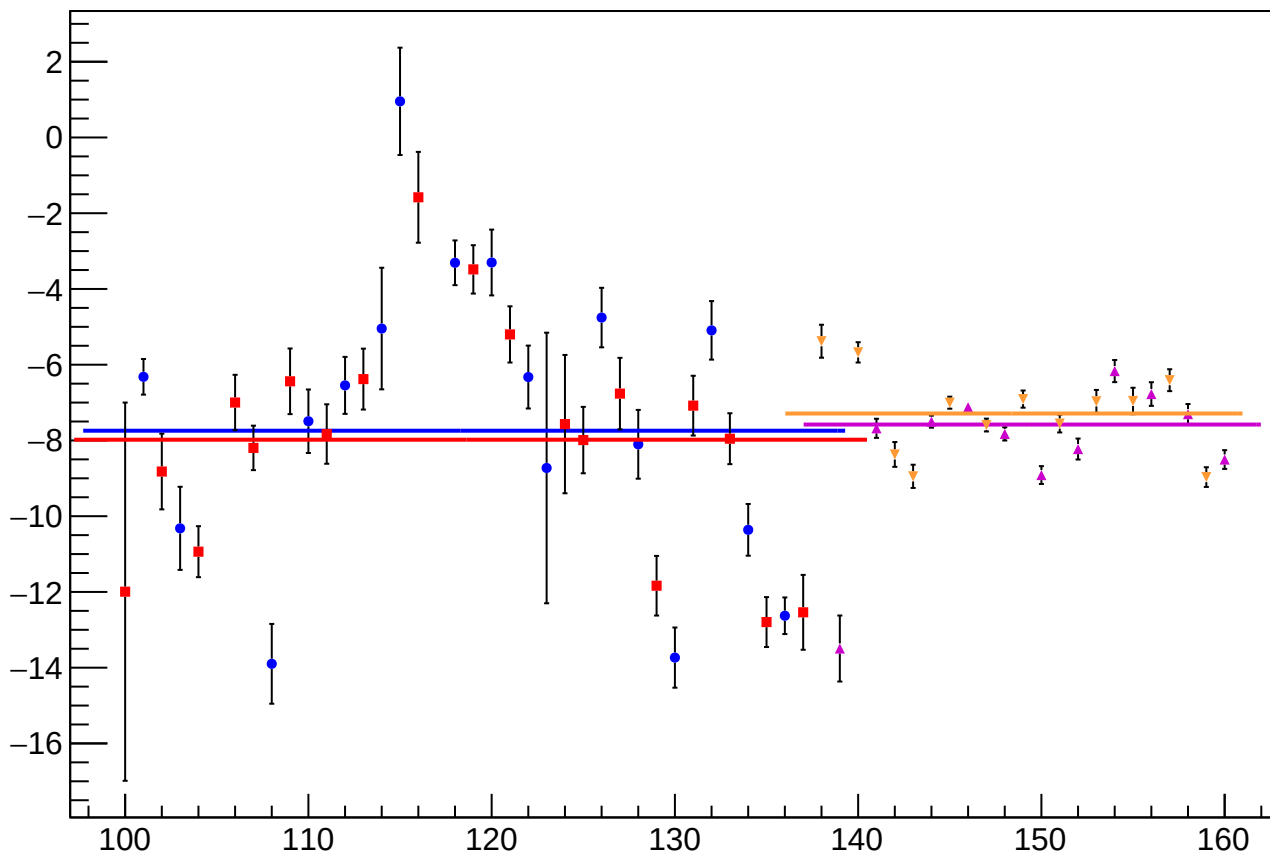
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.628+/-0.096 χ^2/NDF : 3794.9/10

-23.560+/-0.104 χ^2/NDF : 2683.5/11

-20.628+/-0.096 χ^2/NDF : 3794.9/10

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 ± 0.187 χ^2/NDF : 377.5/16

Left Out: -7.289 ± 0.071 χ^2/NDF : 159.2/11

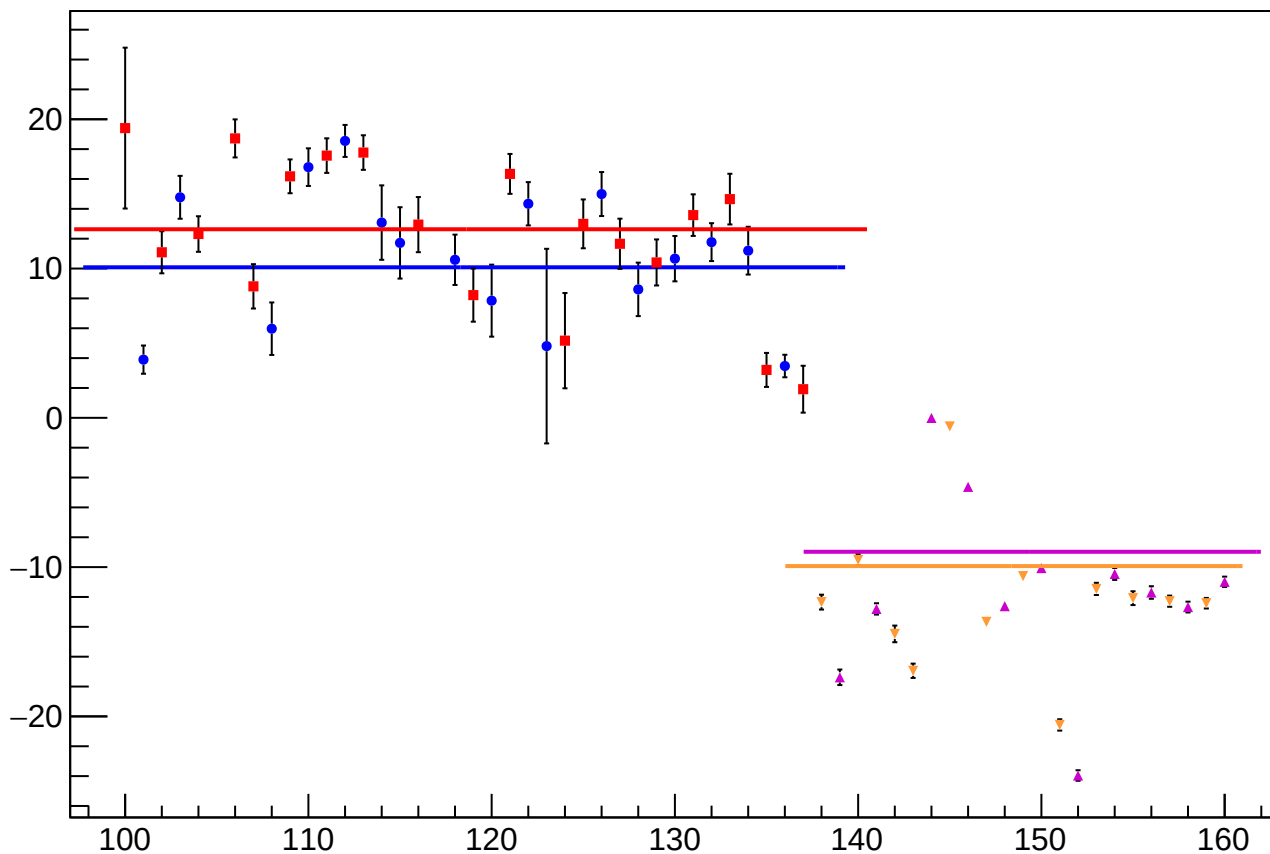
Right Out: -7.981 ± 0.186 χ^2/NDF : 223.5/18

Left In: -7.580 ± 0.064 χ^2/NDF : 146.3/10

-7.346 ± 0.067 χ^2/NDF : 541.8/28

-7.622 ± 0.060 χ^2/NDF : 374.0/29

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083 $\pm$ 0.338 χ^2/NDF : 252.7/16

Left Out: -9.931 $\pm$ 0.103 χ^2/NDF : 3401.9/11

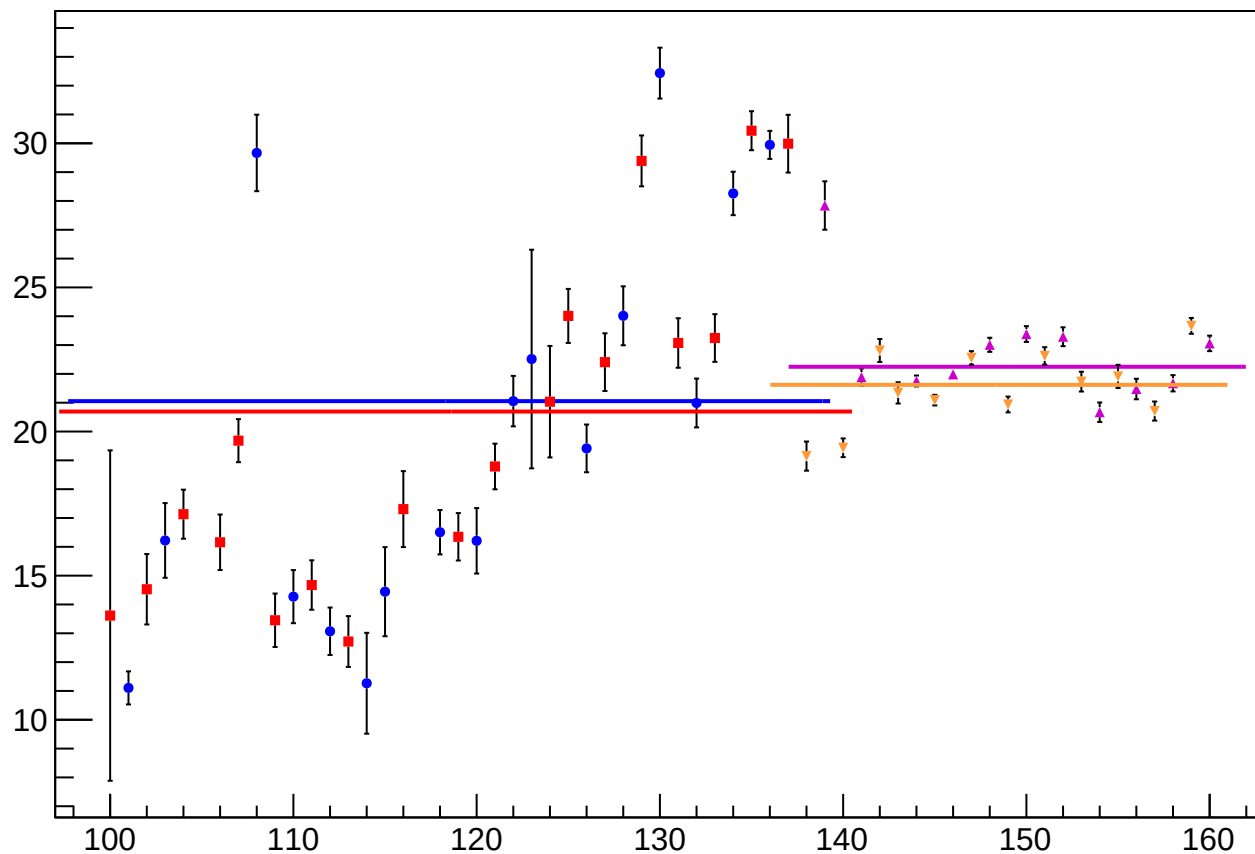
Right Out: 12.632 $\pm$ 0.333 χ^2/NDF : 218.6/18

Left In: -8.973 $\pm$ 0.094 χ^2/NDF : 4457.9/10

-8.223 $\pm$ 0.099 χ^2/NDF : 6862.9/28

-7.371 $\pm$ 0.091 χ^2/NDF : 8581.5/29

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.055 $\pm$ 0.211 χ^2 /NDF: 1211.8/16

Left Out: 21.620 $\pm$ 0.086 χ^2 /NDF:184.0/11

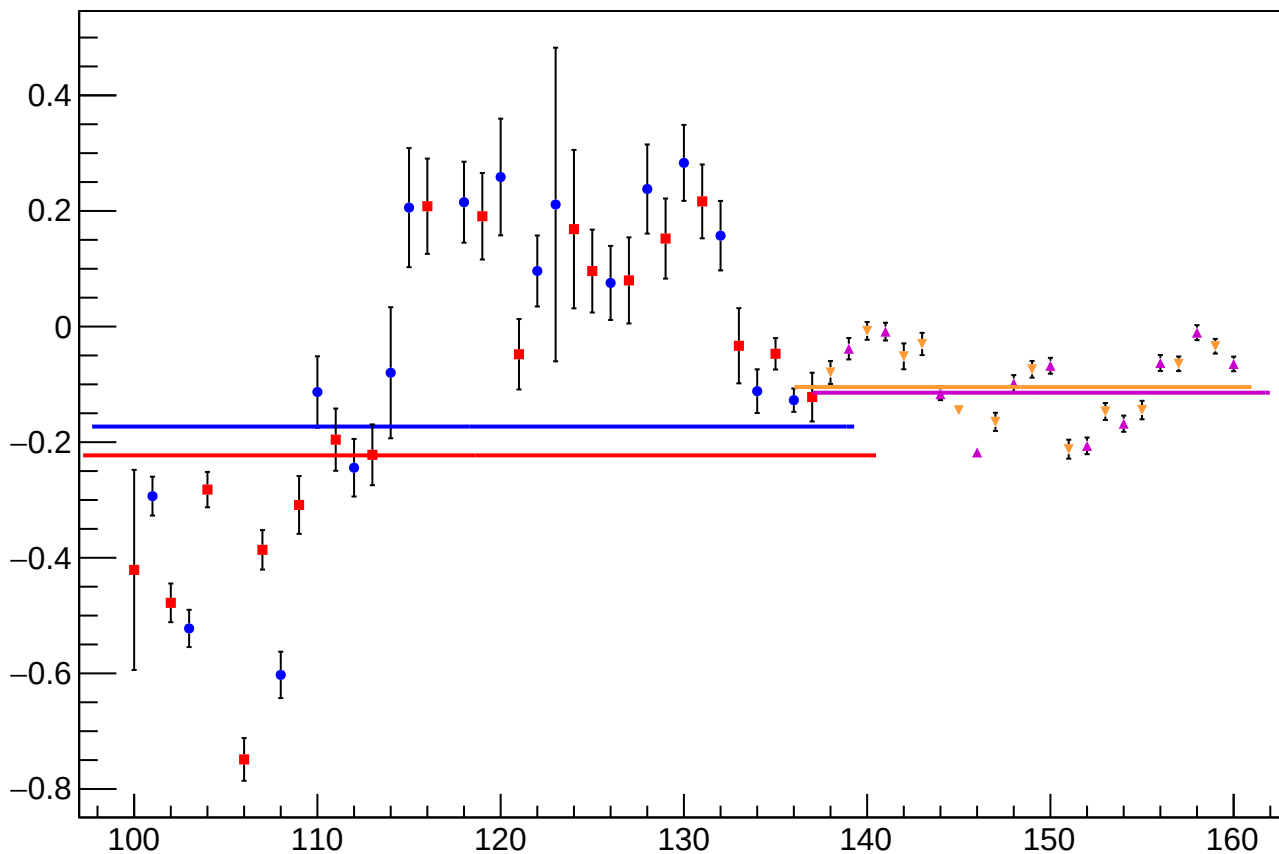
Right Out: 20.694 $\pm$ 0.213 χ^2 /NDF: 724.1/18

Left In: 22.247 $\pm$ 0.077 χ^2 /NDF:132.5/10

21.540 $\pm$ 0.079 χ^2 /NDF: 1401.9/28

22.067 $\pm$ 0.072 χ^2 /NDF: 903.7/29

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.105 ± 0.004 χ^2/NDF : 204.5/11

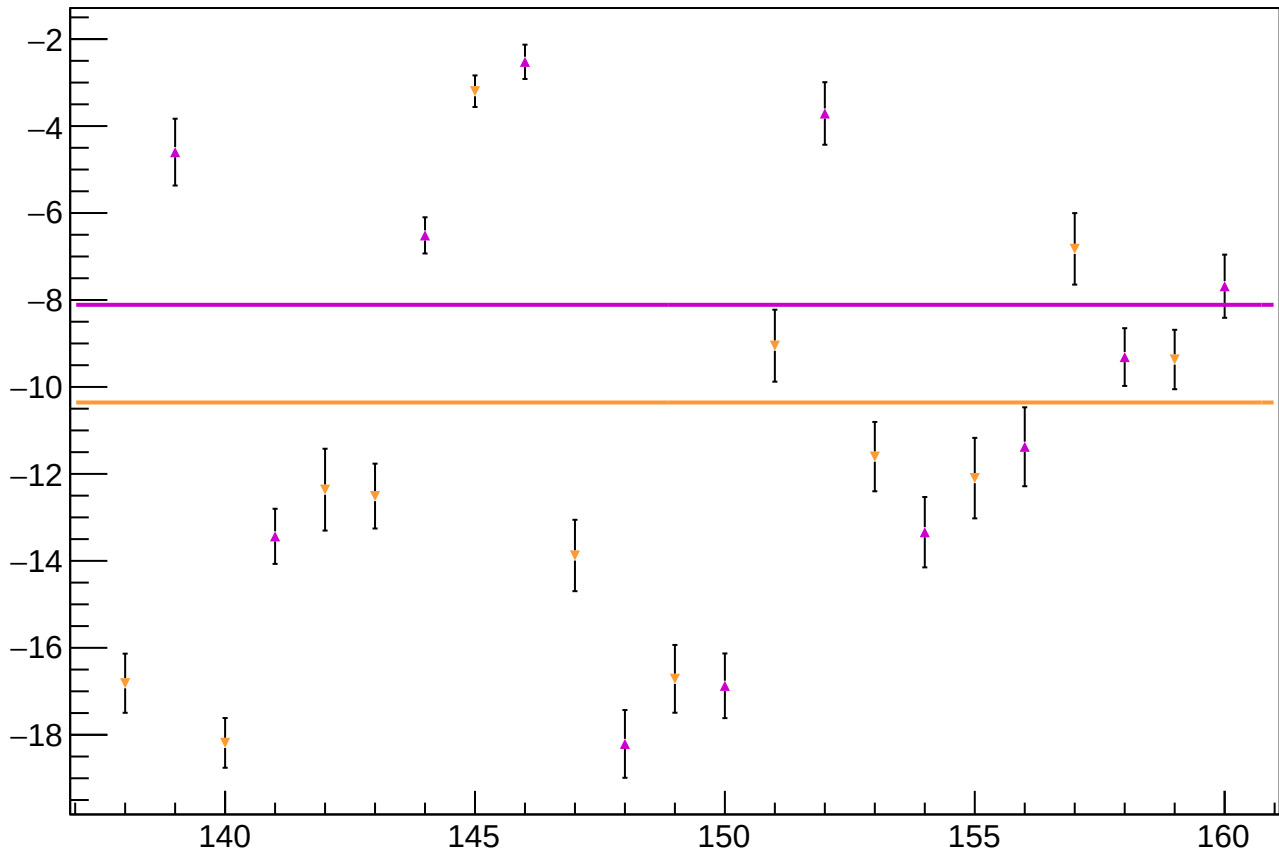
Right Out: -0.223 ± 0.011 χ^2/NDF : 535.1/18

Left In: -0.114 ± 0.004 χ^2/NDF : 375.4/10

-0.113 ± 0.004 χ^2/NDF : 699.3/28

-0.126 ± 0.004 χ^2/NDF : 997.8/29

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.358+/-0.194 χ^2/NDF : 793.8/11

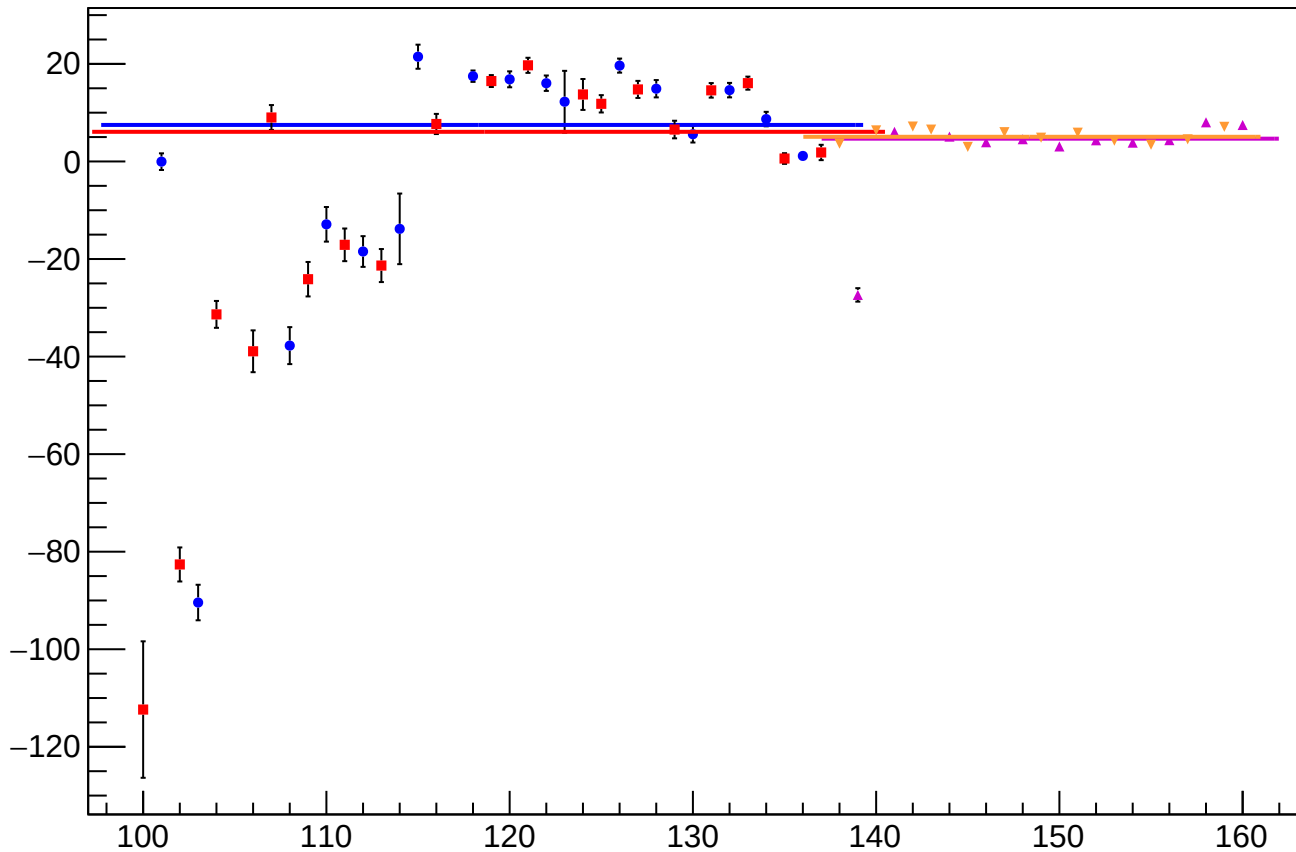
-10.358+/-0.194 χ^2/NDF : 793.8/11

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

-8.111+/-0.187 χ^2/NDF : 709.4/10

Left In: -8.111+/-0.187 χ^2/NDF : 709.4/10

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 ± 0.407 χ^2/NDF : 1340.5/16

Left Out: 5.057 ± 0.136 χ^2/NDF : 122.7/11

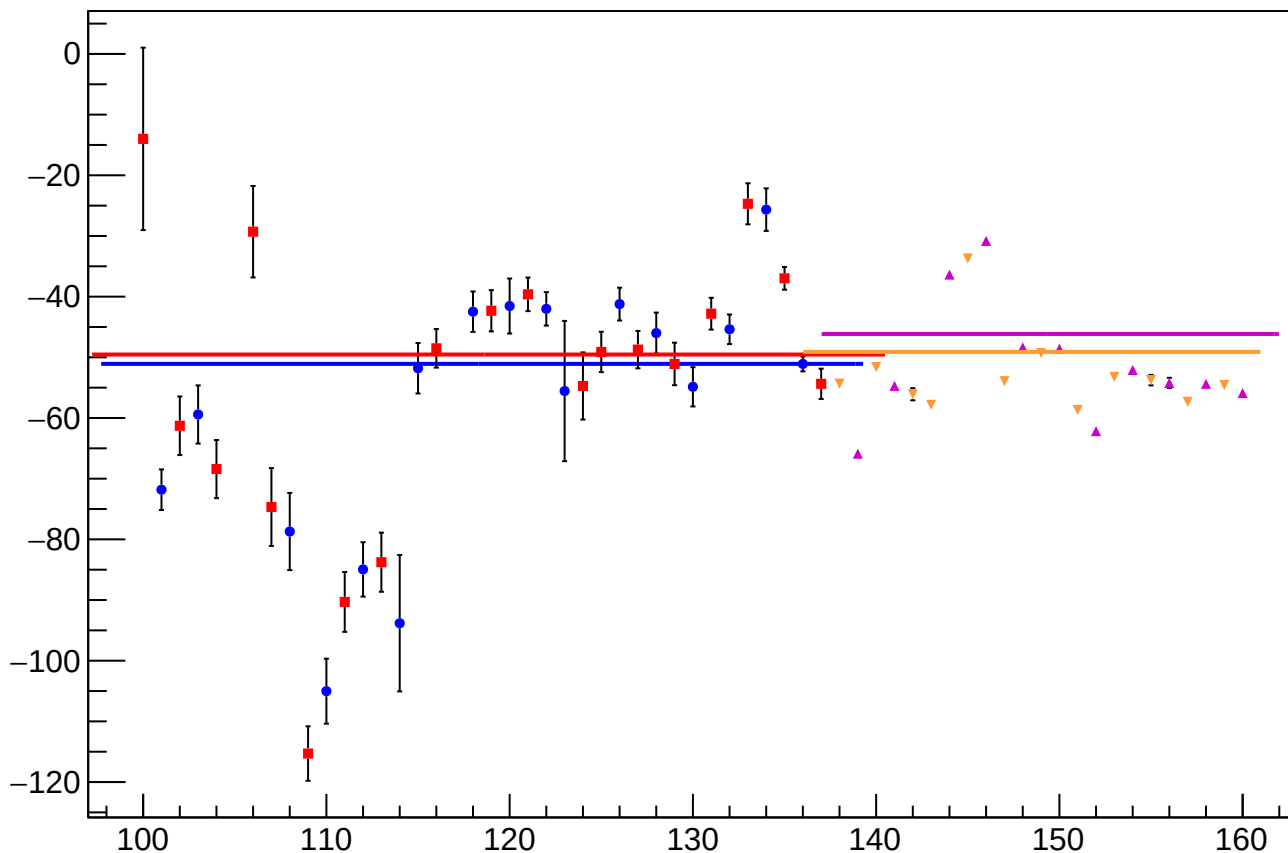
Right Out: 6.078 ± 0.434 χ^2/NDF : 1512.1/18

Left In: 4.672 ± 0.127 χ^2/NDF : 659.3/10

5.302 ± 0.129 χ^2/NDF : 1495.3/28

4.783 ± 0.122 χ^2/NDF : 2181.0/29

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 $\pm$ 0.741 χ^2 /NDF: 330.2/16

Left Out: -49.112 $\pm$ 0.195 χ^2 /NDF:2250.8/11

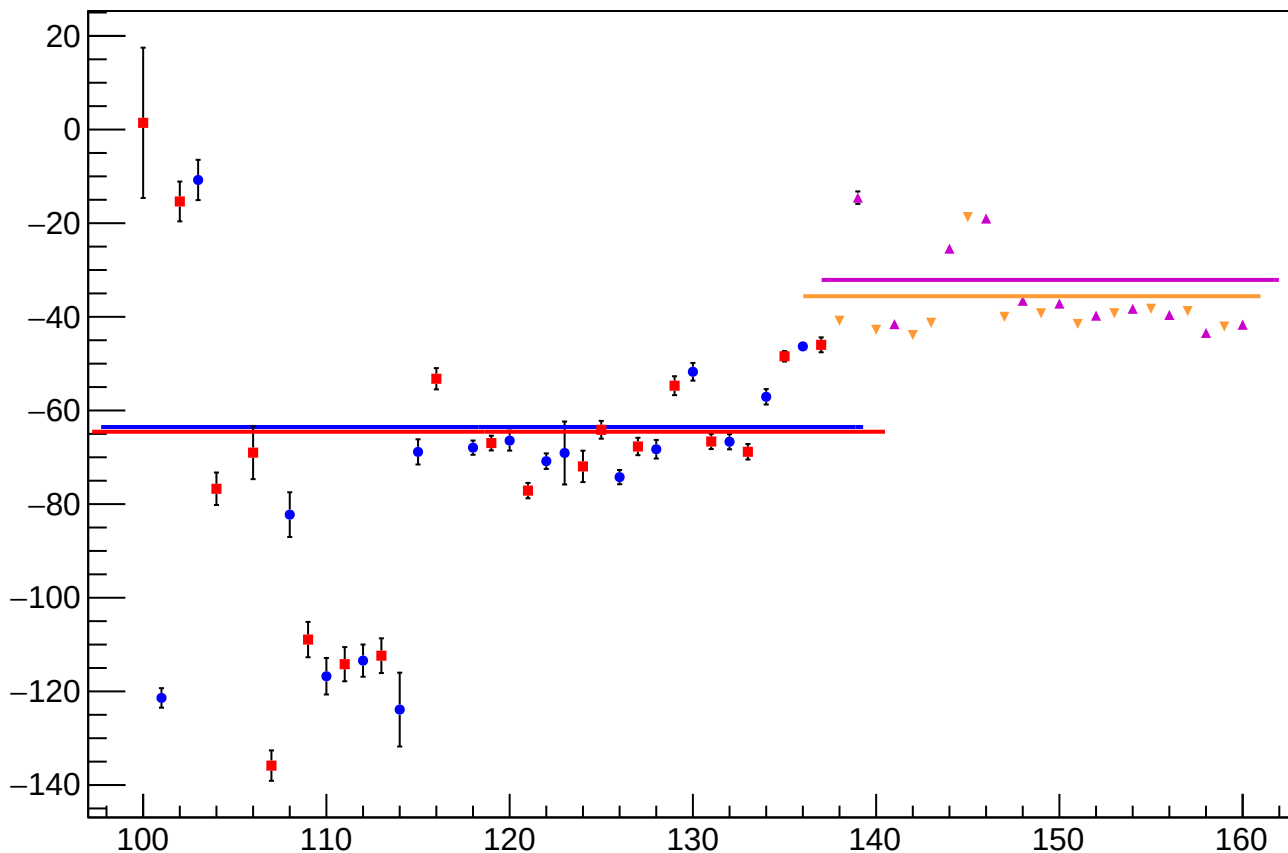
Right Out: -49.537 $\pm$ 0.798 χ^2 /NDF: 509.6/18

Left In: -46.149 $\pm$ 0.184 χ^2 /NDF:3937.4/10

-49.239 $\pm$ 0.188 χ^2 /NDF: 2587.6/28

-46.319 $\pm$ 0.179 χ^2 /NDF: 4464.1/29

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525±/0.449 χ^2/NDF : 2010.9/16

Left Out: -35.598±/0.162 χ^2/NDF : 3425.9/11

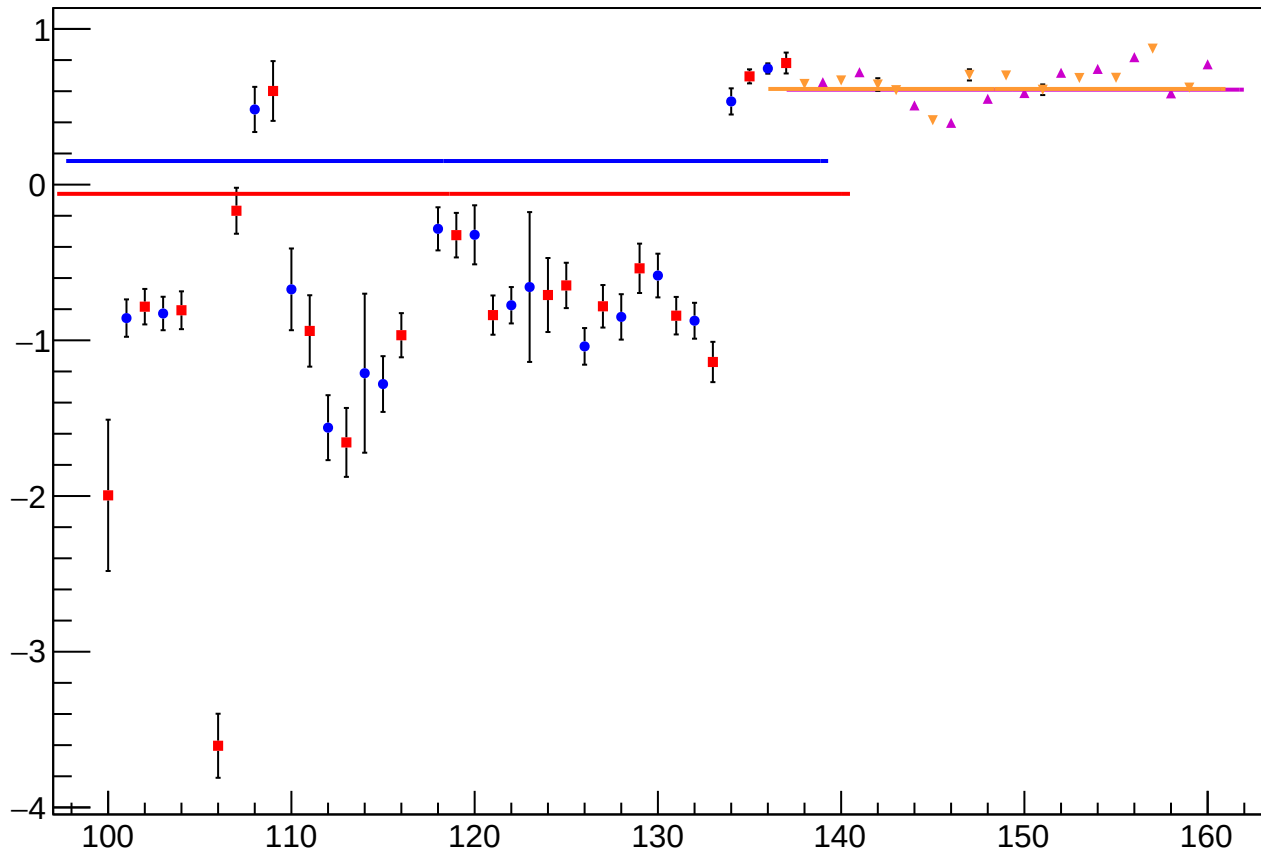
Right Out: -64.540±/0.483 χ^2/NDF : 1603.1/18

Left In: -32.116±/0.151 χ^2/NDF : 3959.8/10

-38.826±/0.153 χ^2/NDF : 8863.4/28

-35.021±/0.145 χ^2/NDF : 9666.3/29

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 $\pm$ 0.024 χ^2 /NDF: 987.4/16

Left Out: 0.615 $\pm$ 0.008 χ^2 /NDF:310.5/11

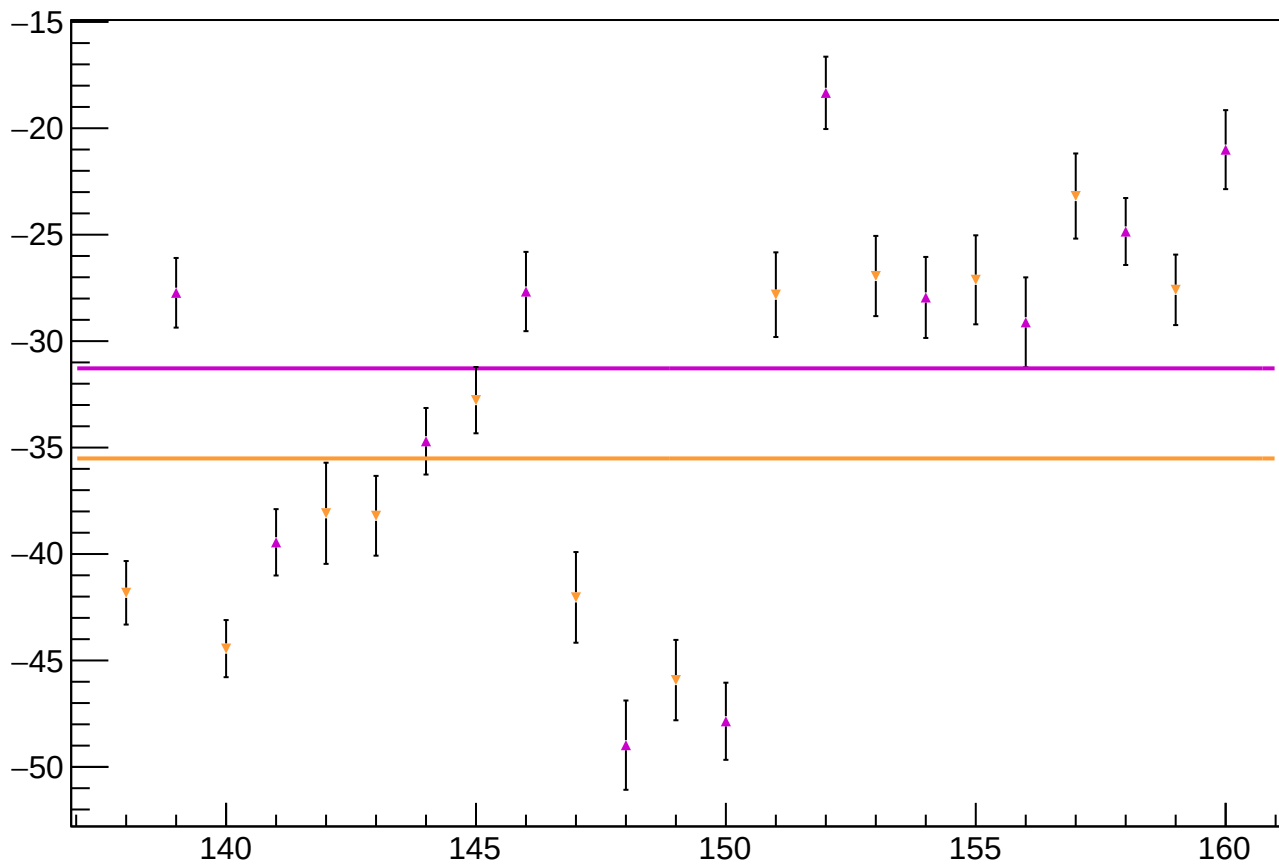
Right Out: -0.059 $\pm$ 0.026 χ^2 /NDF: 1161.9/18

Left In: 0.610 $\pm$ 0.007 χ^2 /NDF:335.8/10

0.572 $\pm$ 0.007 χ^2 /NDF: 1634.7/28

0.561 $\pm$ 0.007 χ^2 /NDF: 2097.9/29

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.510+/-0.516 χ^2/NDF : 221.0/11

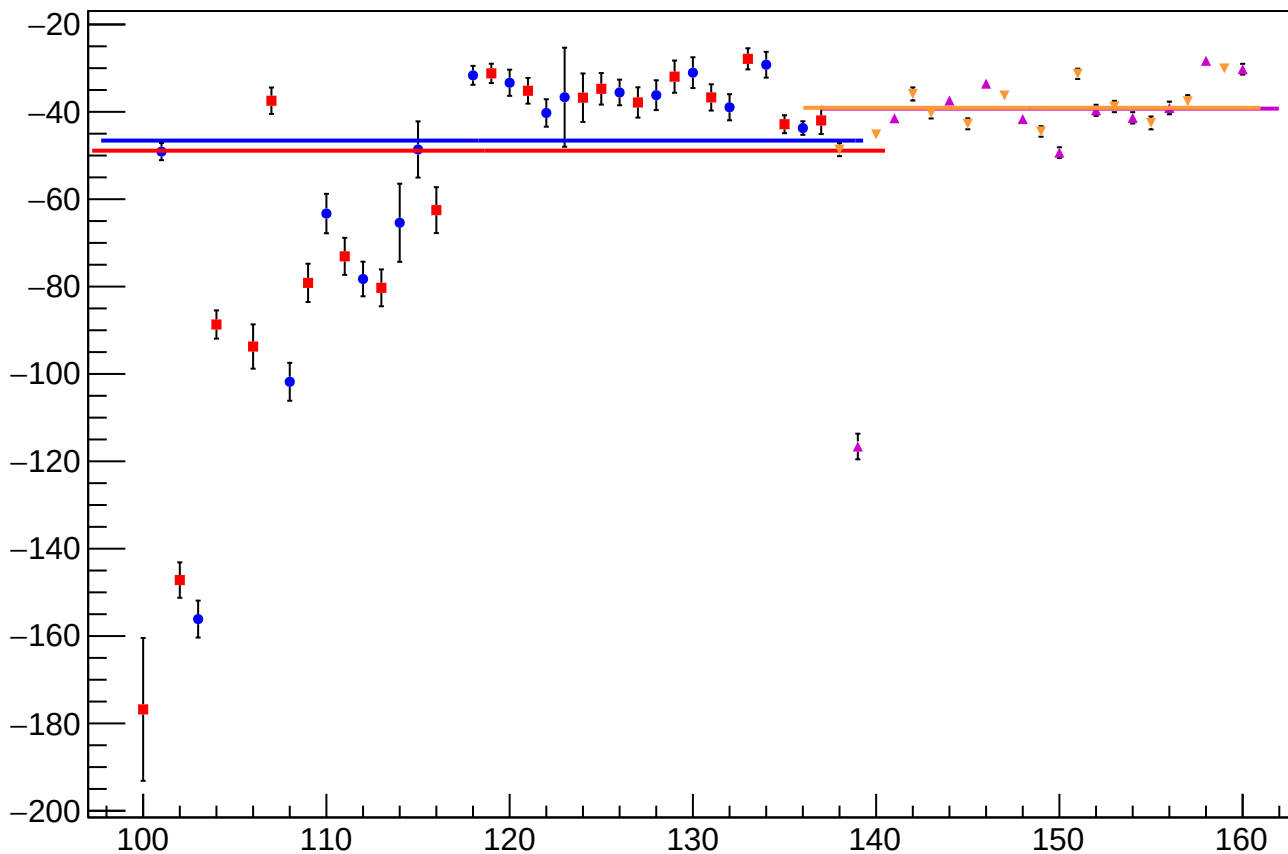
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.279+/-0.530 χ^2/NDF : 305.2/10

-35.510+/-0.516 χ^2/NDF : 221.0/11

-31.279+/-0.530 χ^2/NDF : 305.2/10

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.579 $\pm$ 0.730 χ^2 /NDF: 1076.4/16

Left Out: -39.073 $\pm$ 0.361 χ^2 /NDF: 227.2/11

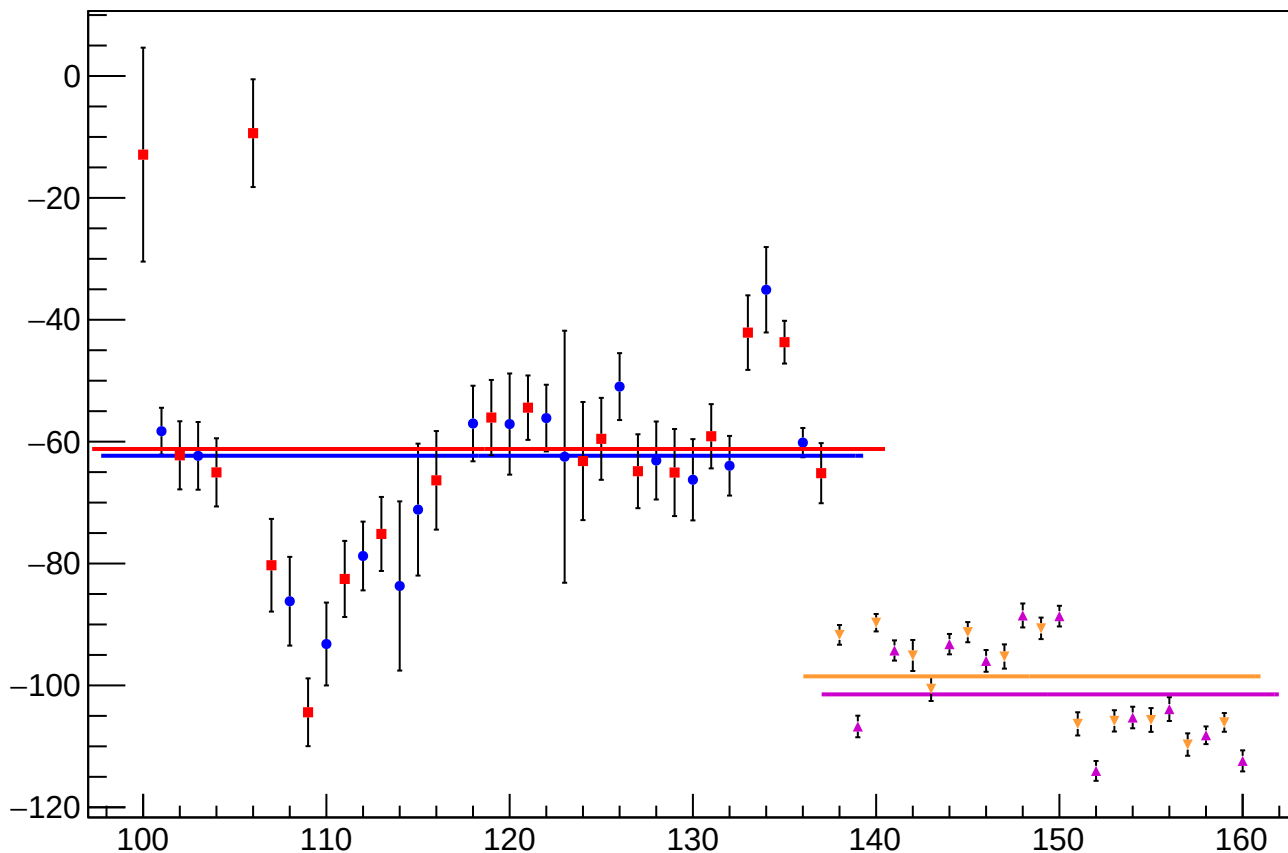
Right Out: -48.888 $\pm$ 0.763 χ^2 /NDF: 1277.5/18

Left In: -39.262 $\pm$ 0.370 χ^2 /NDF: 960.9/10

-40.550 $\pm$ 0.324 χ^2 /NDF: 1388.6/28

-41.090 $\pm$ 0.333 χ^2 /NDF: 2367.1/29

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 ± 1.316 $\chi^2/\text{NDF}: 67.1/16$

Left Out: -98.515 ± 0.513 $\chi^2/\text{NDF}: 209.3/11$

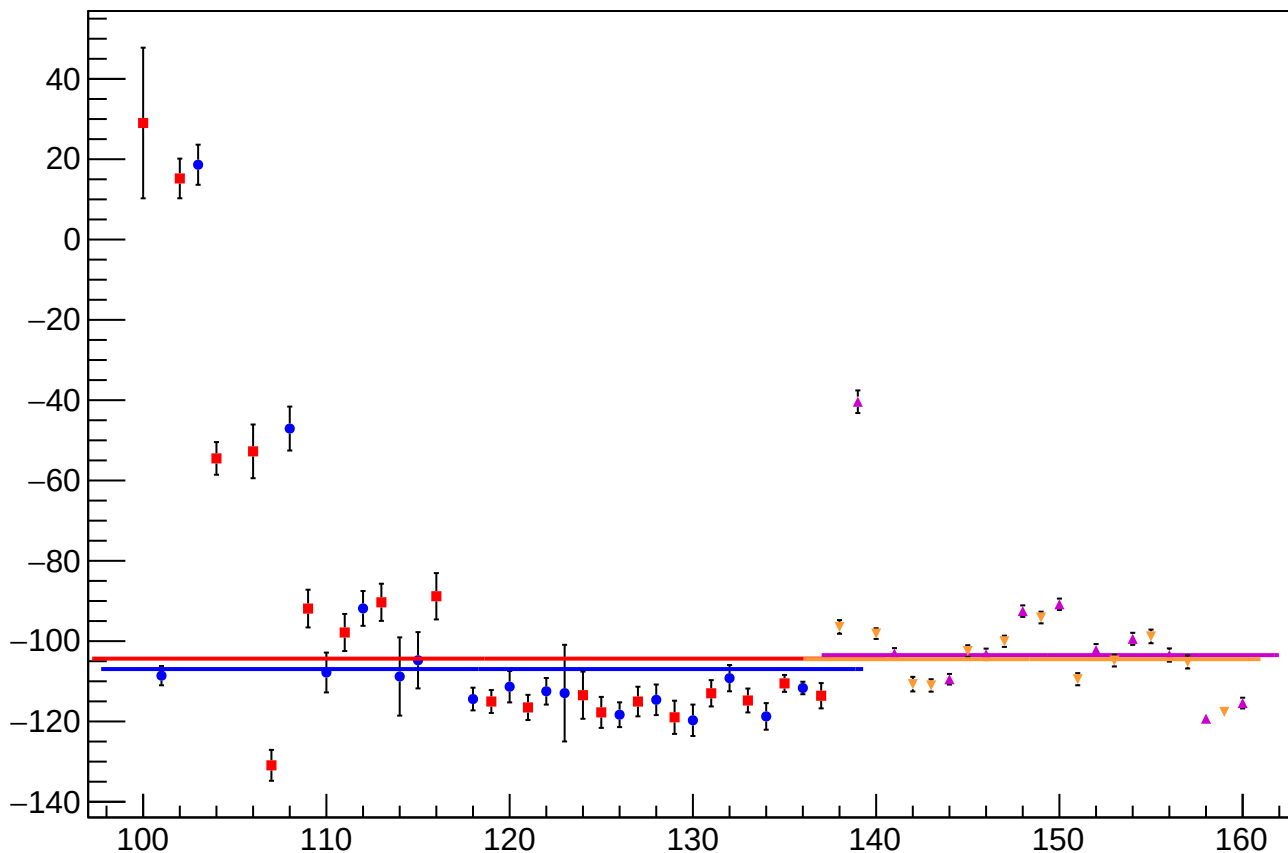
Right Out: -61.203 ± 1.381 $\chi^2/\text{NDF}: 165.0/18$

Left In: -101.470 ± 0.518 $\chi^2/\text{NDF}: 289.4/10$

-93.739 ± 0.478 $\chi^2/\text{NDF}: 933.7/28$

-96.508 ± 0.485 $\chi^2/\text{NDF}: 1199.8/29$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.954 ± 0.817 $\chi^2/\text{NDF}: 827.2/16$

Left Out: -104.488 ± 0.430 $\chi^2/\text{NDF}: 280.3/11$

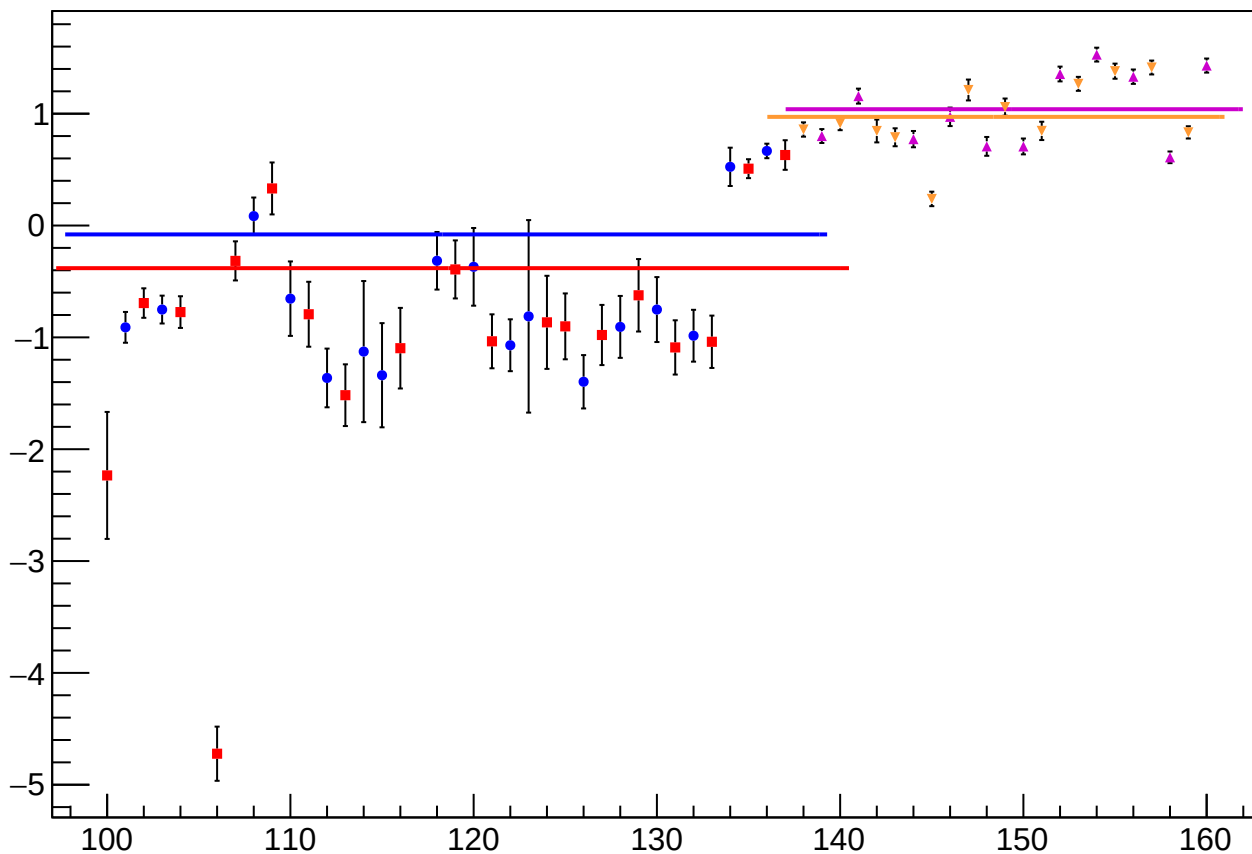
Right Out: -104.356 ± 0.861 $\chi^2/\text{NDF}: 1021.0/18$

Left In: -103.483 ± 0.434 $\chi^2/\text{NDF}: 940.1/10$

-105.022 ± 0.380 $\chi^2/\text{NDF}: 1114.7/28$

-103.659 ± 0.388 $\chi^2/\text{NDF}: 1961.9/29$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.972 ± 0.020 χ^2/NDF : 264.7/11

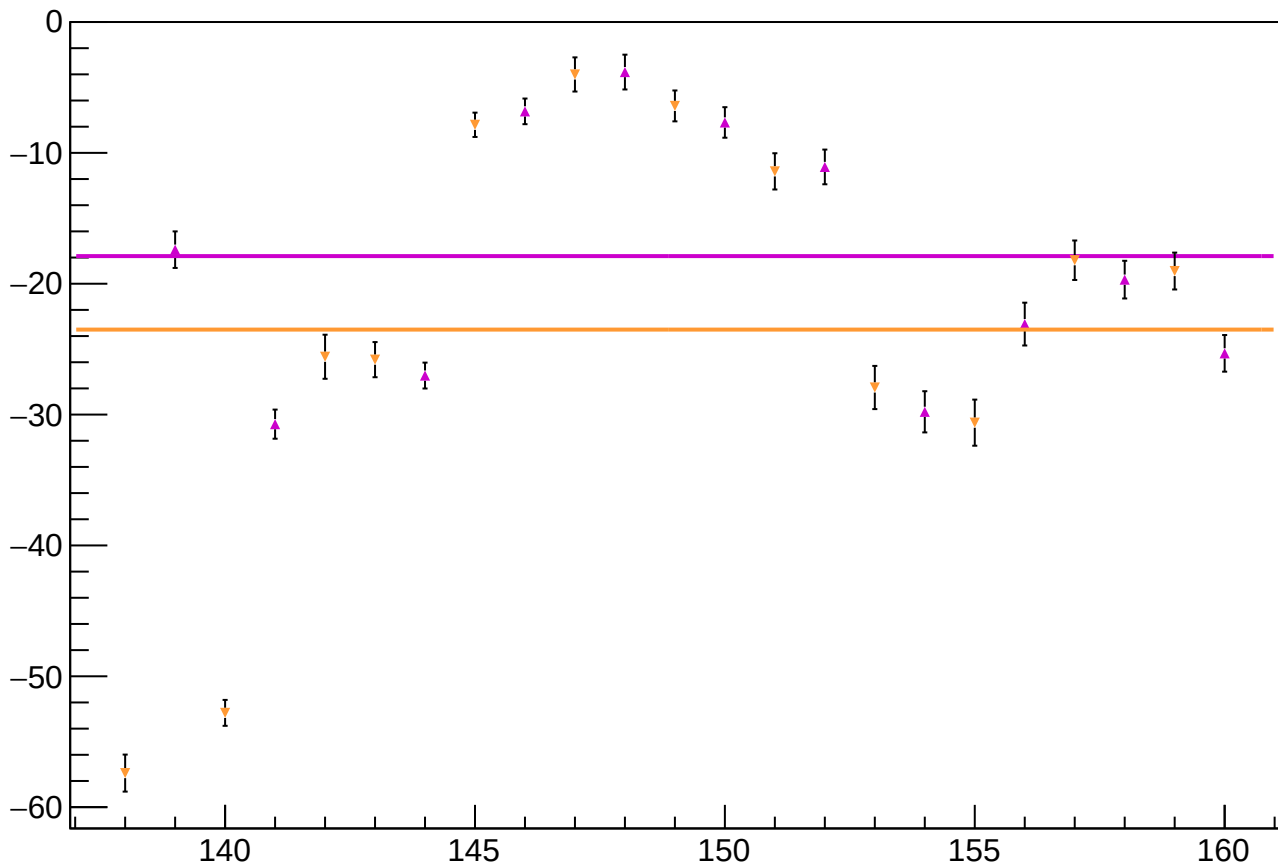
Right Out: -0.381 ± 0.044 χ^2/NDF : 580.5/18

Left In: 1.040 ± 0.020 χ^2/NDF : 281.0/10

0.779 ± 0.018 χ^2/NDF : 1098.1/28

0.797 ± 0.018 χ^2/NDF : 1726.1/29

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.505+/-0.377 χ^2/NDF : 2292.1/11

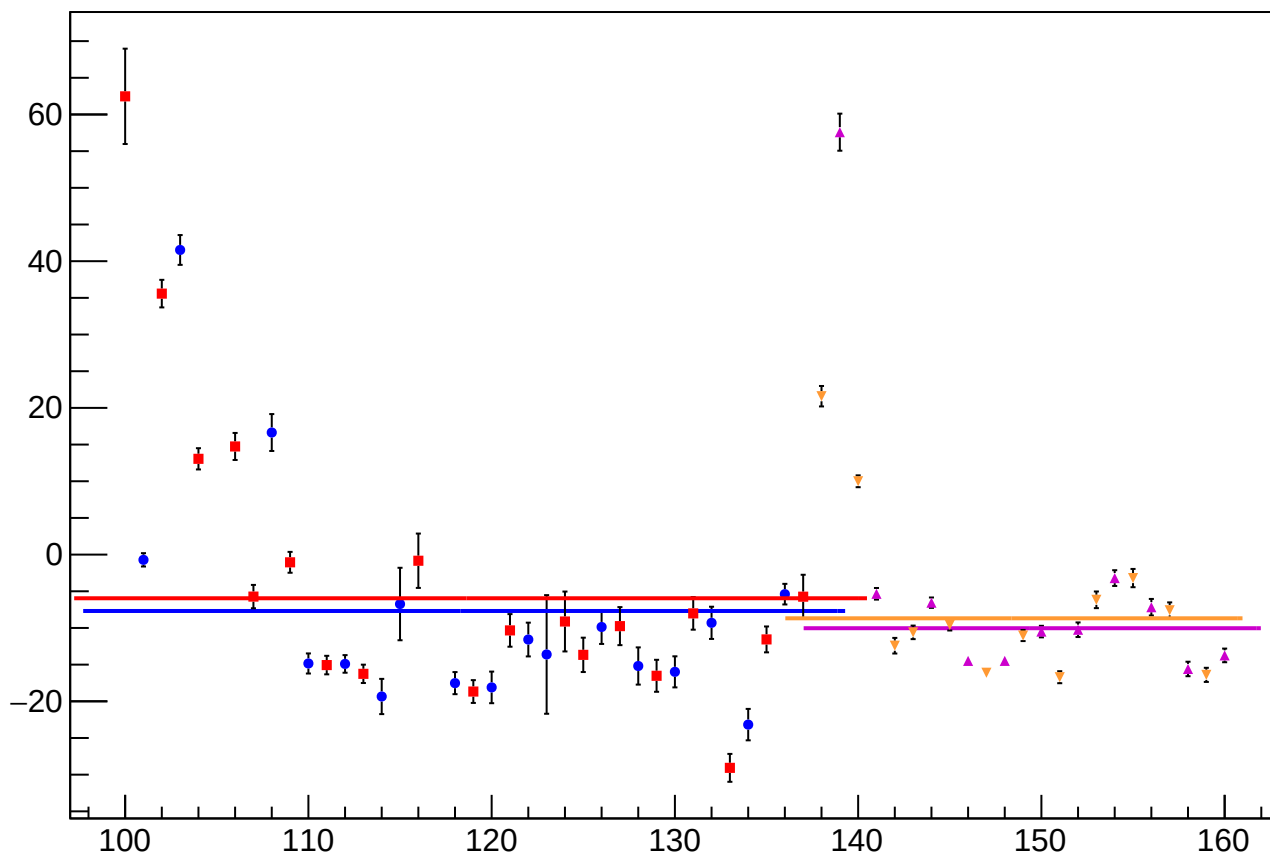
-23.505+/-0.377 χ^2/NDF : 2292.1/11

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

-17.889+/-0.377 χ^2/NDF : 657.8/10

Left In: -17.889+/-0.377 χ^2/NDF : 657.8/10

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.686 ± 0.430 χ^2/NDF : 975.9/16

Left Out: -8.685 ± 0.258 χ^2/NDF : 1361.4/11

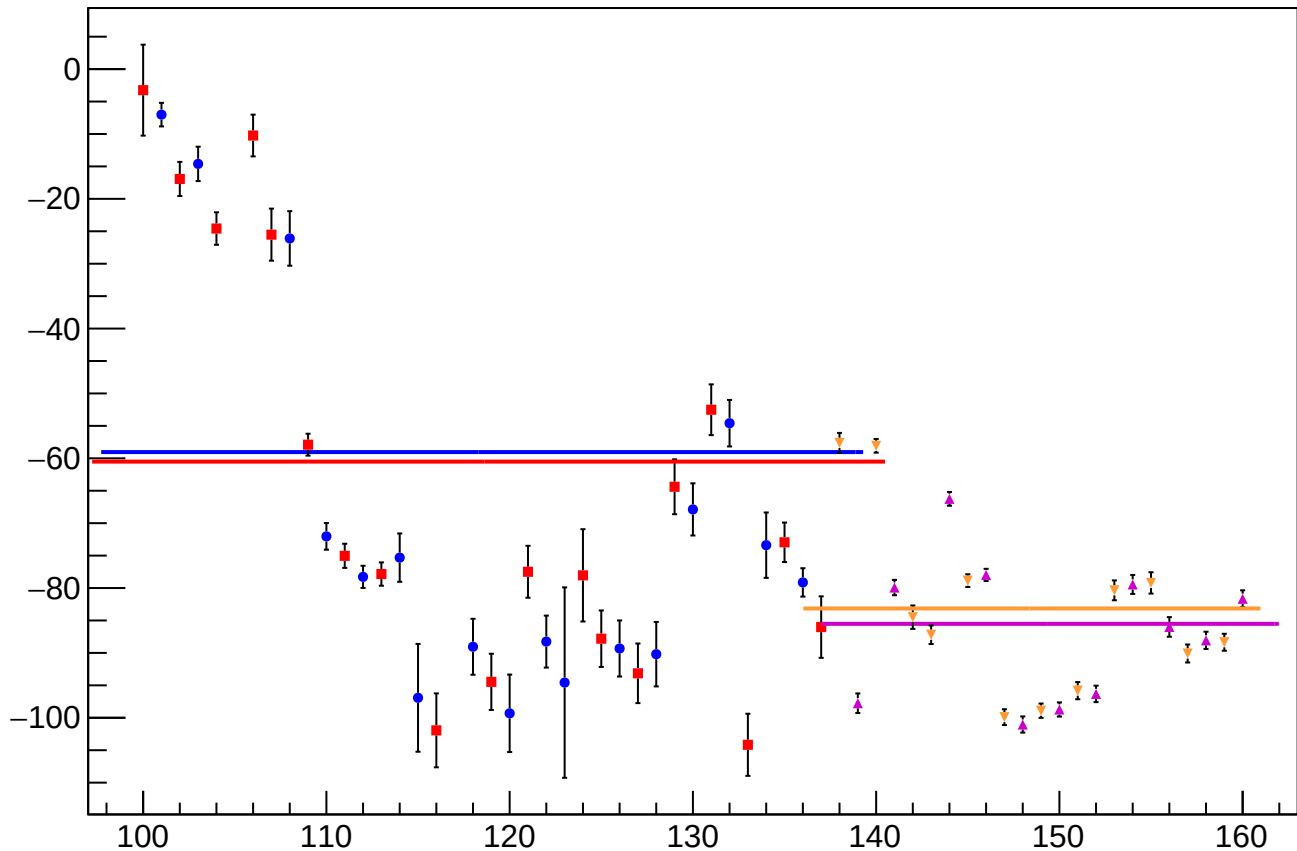
Right Out: -5.953 ± 0.429 χ^2/NDF : 1298.1/18

Left In: -10.036 ± 0.256 χ^2/NDF : 969.9/10

-8.420 ± 0.221 χ^2/NDF : 2341.3/28

-8.962 ± 0.220 χ^2/NDF : 2334.8/29

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039±0.746 χ^2/NDF : 1709.5/16

Left Out: -83.150±0.375 χ^2/NDF :1404.5/11

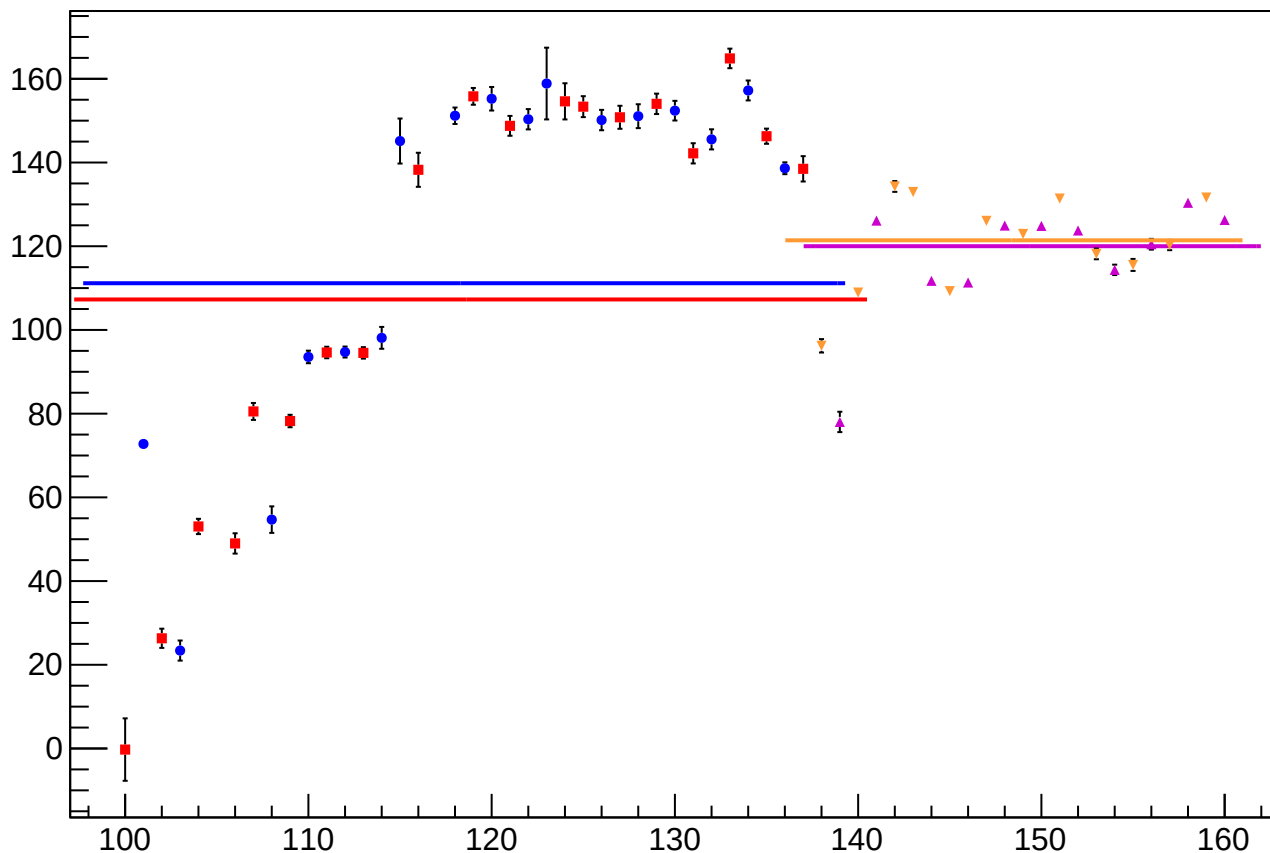
Right Out: -60.507±0.704 χ^2/NDF : 1384.8/18

Left In: -85.519±0.369 χ^2/NDF :886.5/10

-78.287±0.335 χ^2/NDF : 3948.7/28

-80.128±0.327 χ^2/NDF : 3260.4/29

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.60±/-0.489 χ^2/NDF : 5877.6/16

Left Out: 121.414±/-0.311 χ^2/NDF :1058.4/11

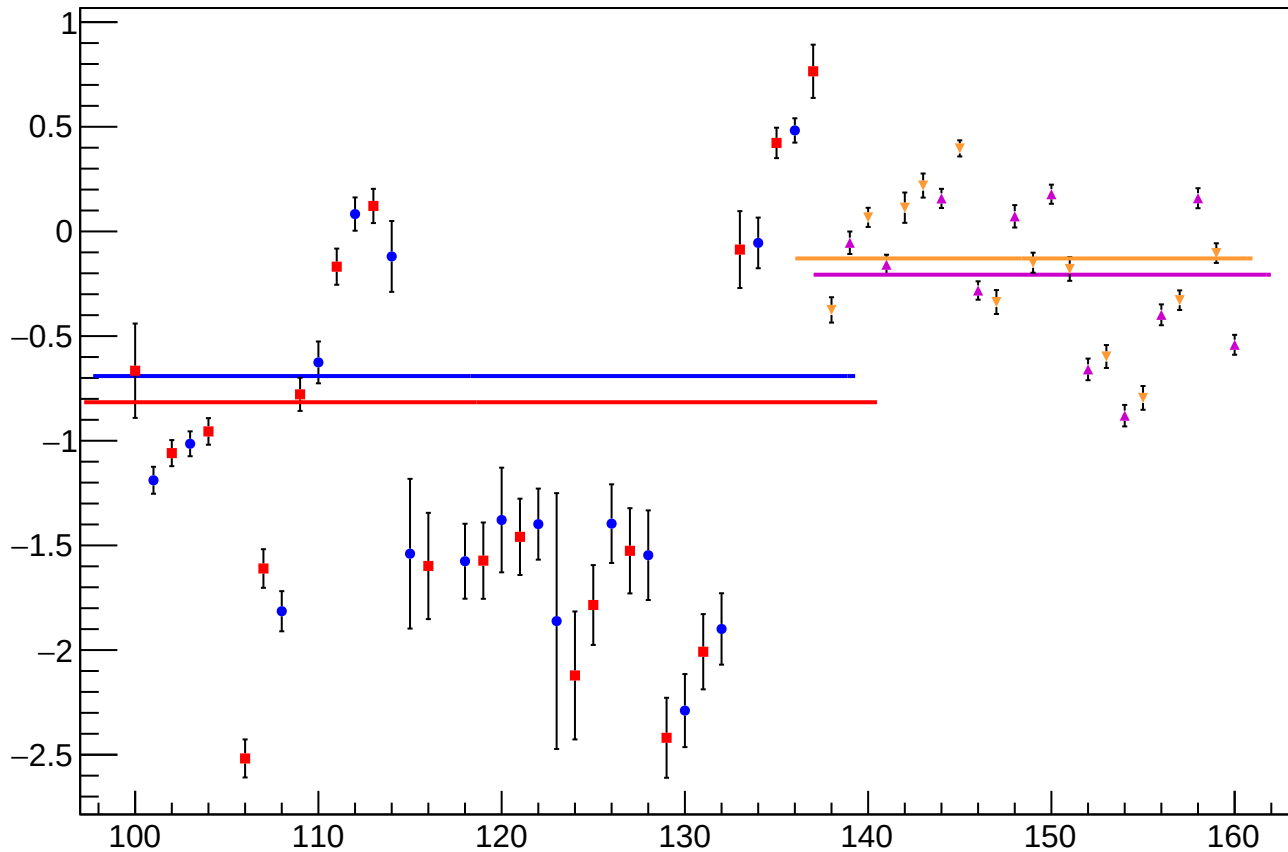
Right Out: 107.283±/-0.488 χ^2/NDF : 7055.1/18

Left In: 120.004±/-0.306 χ^2/NDF :790.4/10

118.462±/-0.262 χ^2/NDF : 7249.2/28

116.413±/-0.259 χ^2/NDF : 8333.8/29

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 990.9/16

Left Out: -0.129 ± 0.015 χ^2/NDF : 511.7/11

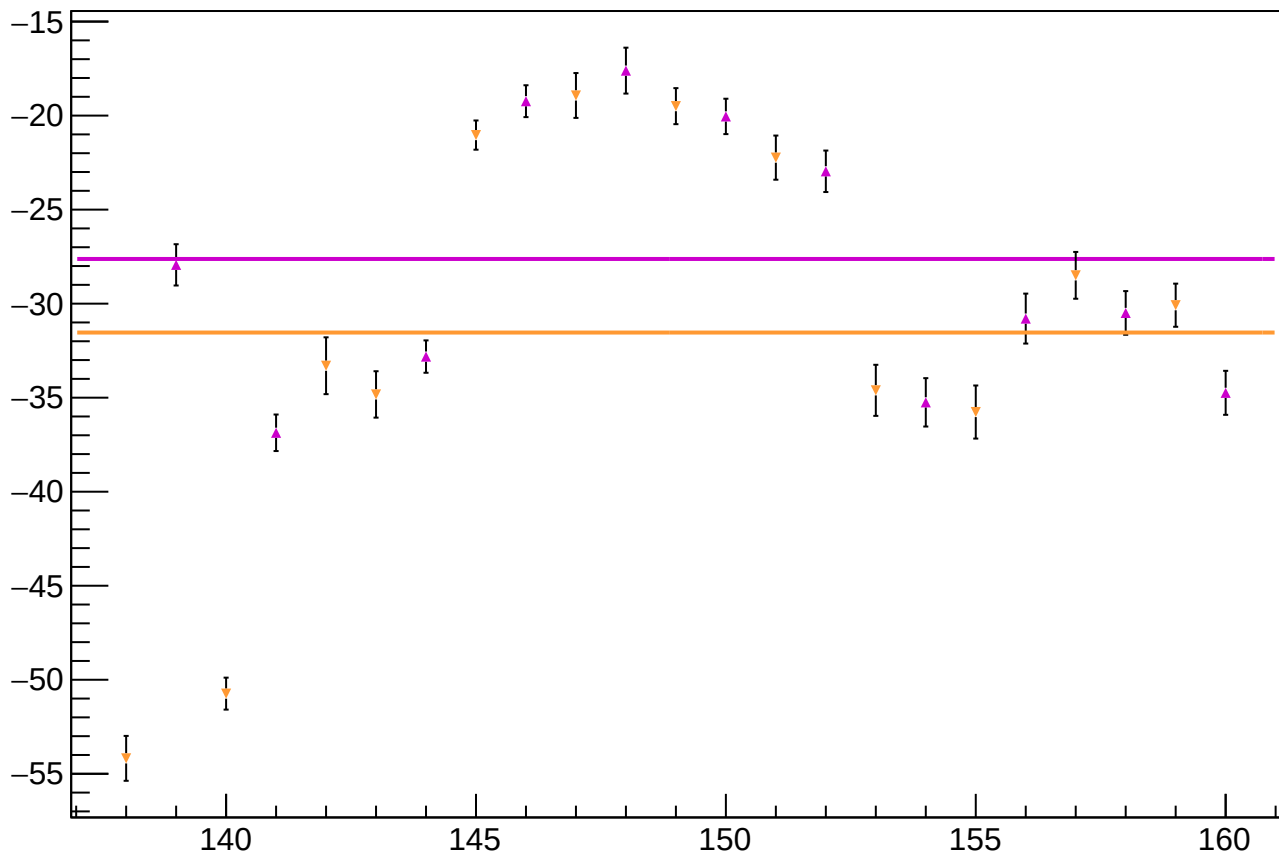
Right Out: -0.816 ± 0.024 χ^2/NDF : 1304.4/18

Left In: -0.207 ± 0.015 χ^2/NDF : 545.6/10

-0.269 ± 0.013 χ^2/NDF : 1858.3/28

-0.369 ± 0.013 χ^2/NDF : 2308.9/29

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.536+/-0.319 χ^2/NDF : 1415.6/11

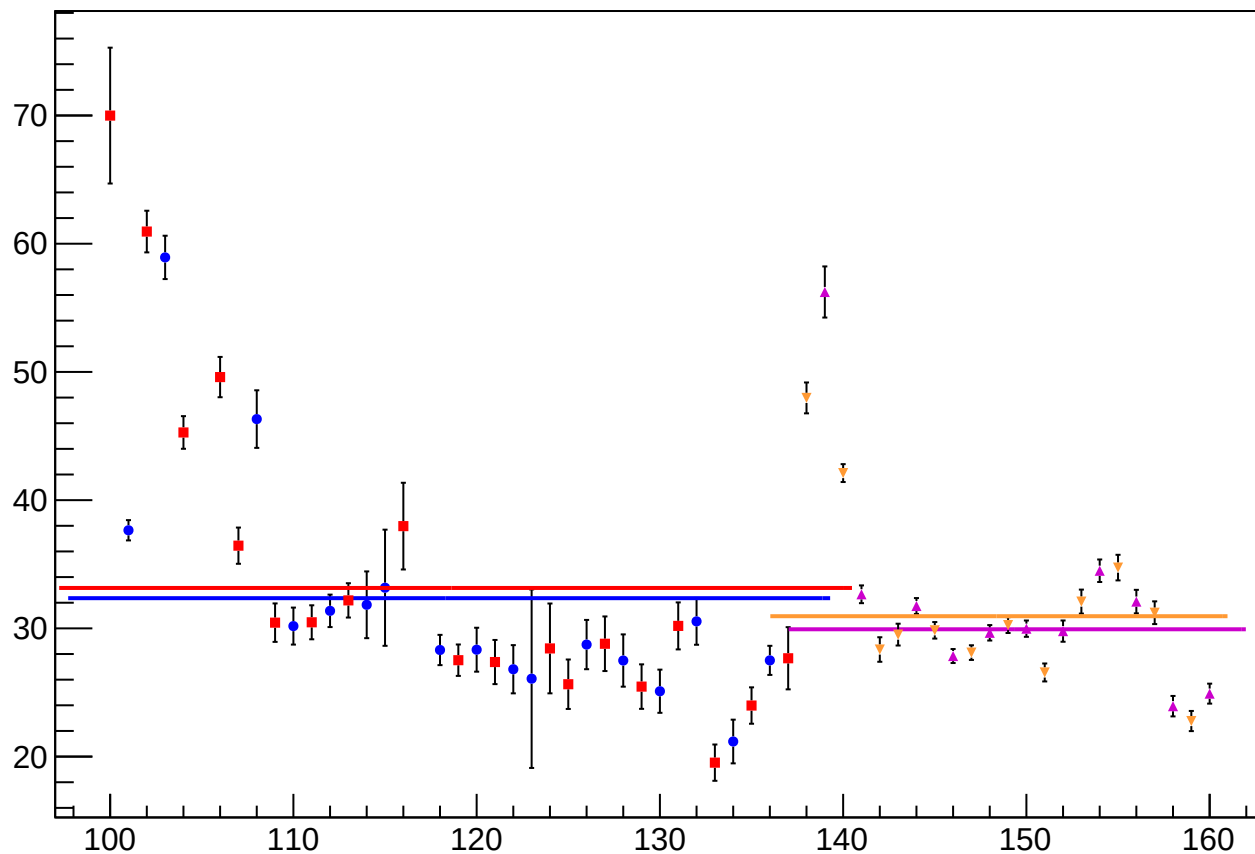
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.624+/-0.318 χ^2/NDF : 459.3/10

-31.536+/-0.319 χ^2/NDF : 1415.6/11

-27.624+/-0.318 χ^2/NDF : 459.3/10

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355 ± 0.375 χ^2/NDF : 450.5/16

Left Out: 30.949 ± 0.221 χ^2/NDF : 658.4/11

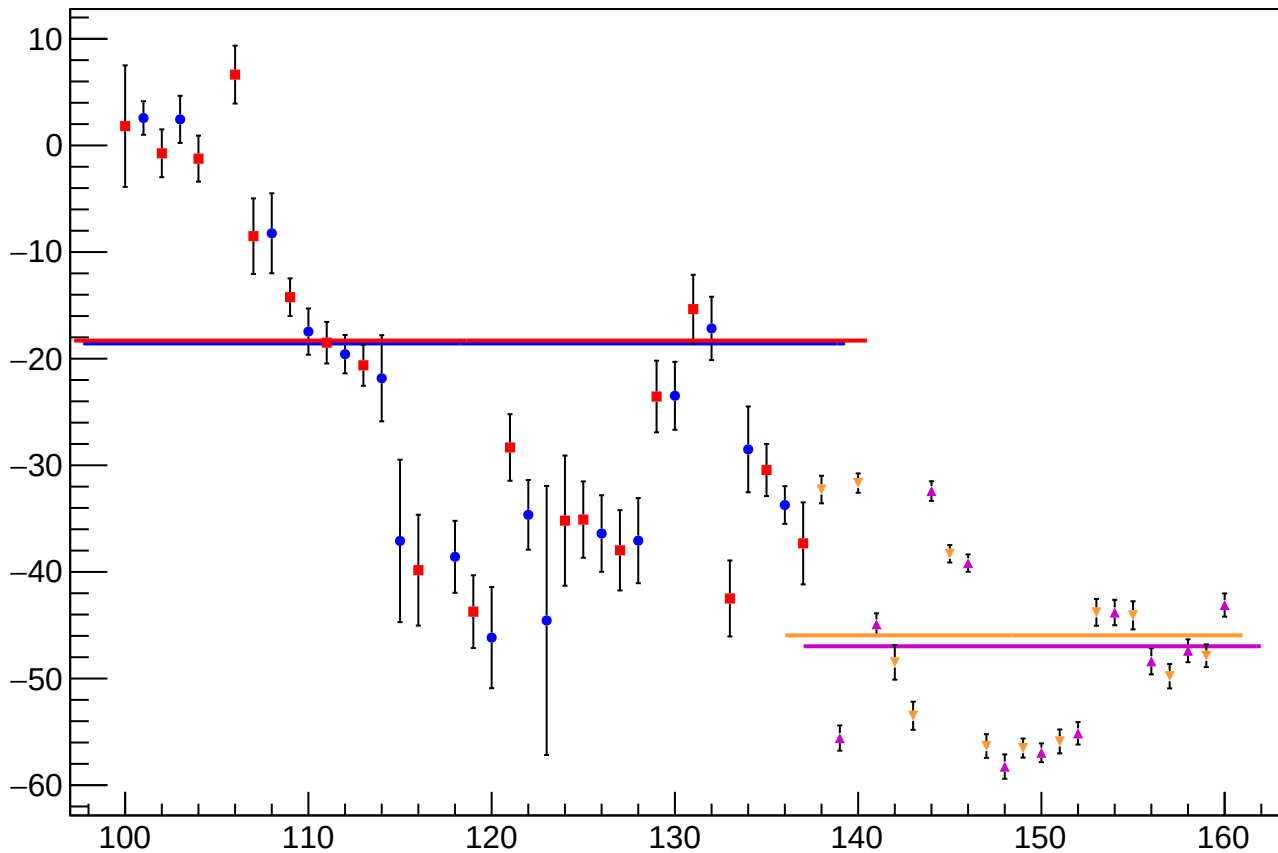
Right Out: 33.152 ± 0.379 χ^2/NDF : 772.0/18

Left In: 29.929 ± 0.220 χ^2/NDF : 343.7/10

31.312 ± 0.191 χ^2/NDF : 1119.3/28

30.741 ± 0.190 χ^2/NDF : 1169.8/29

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572±/0.667 χ^2/NDF : 511.5/16

Left Out: -45.914±/0.317 χ^2/NDF : 807.2/11

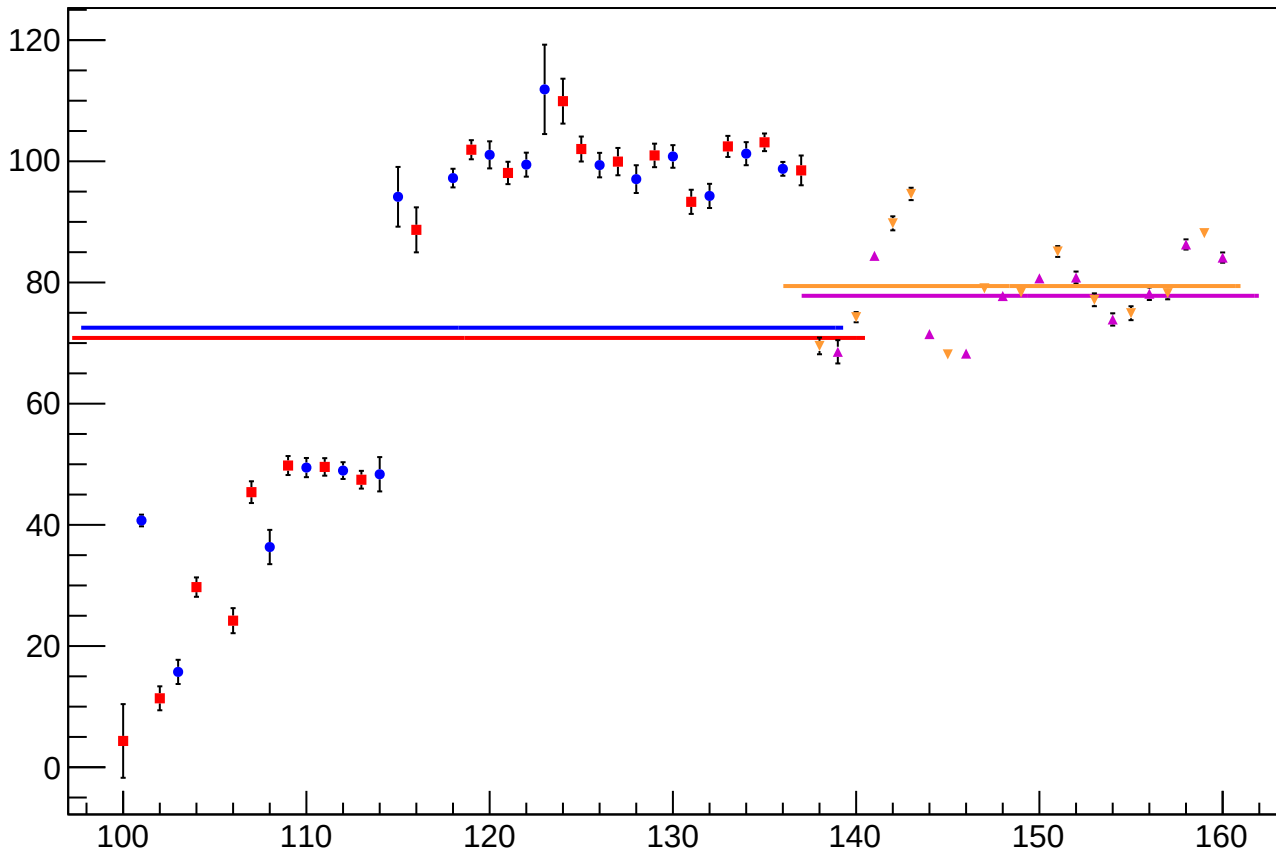
Right Out: -18.300±/0.644 χ^2/NDF : 473.4/18

Left In: -46.974±/0.311 χ^2/NDF : 704.5/10

-40.914±/0.286 χ^2/NDF : 2691.5/28

-41.558±/0.280 χ^2/NDF : 2786.7/29

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537 +/- 0.428 χ^2/NDF : 4684.1/16

Left Out: 79.412 +/- 0.265 χ^2/NDF : 798.5/11

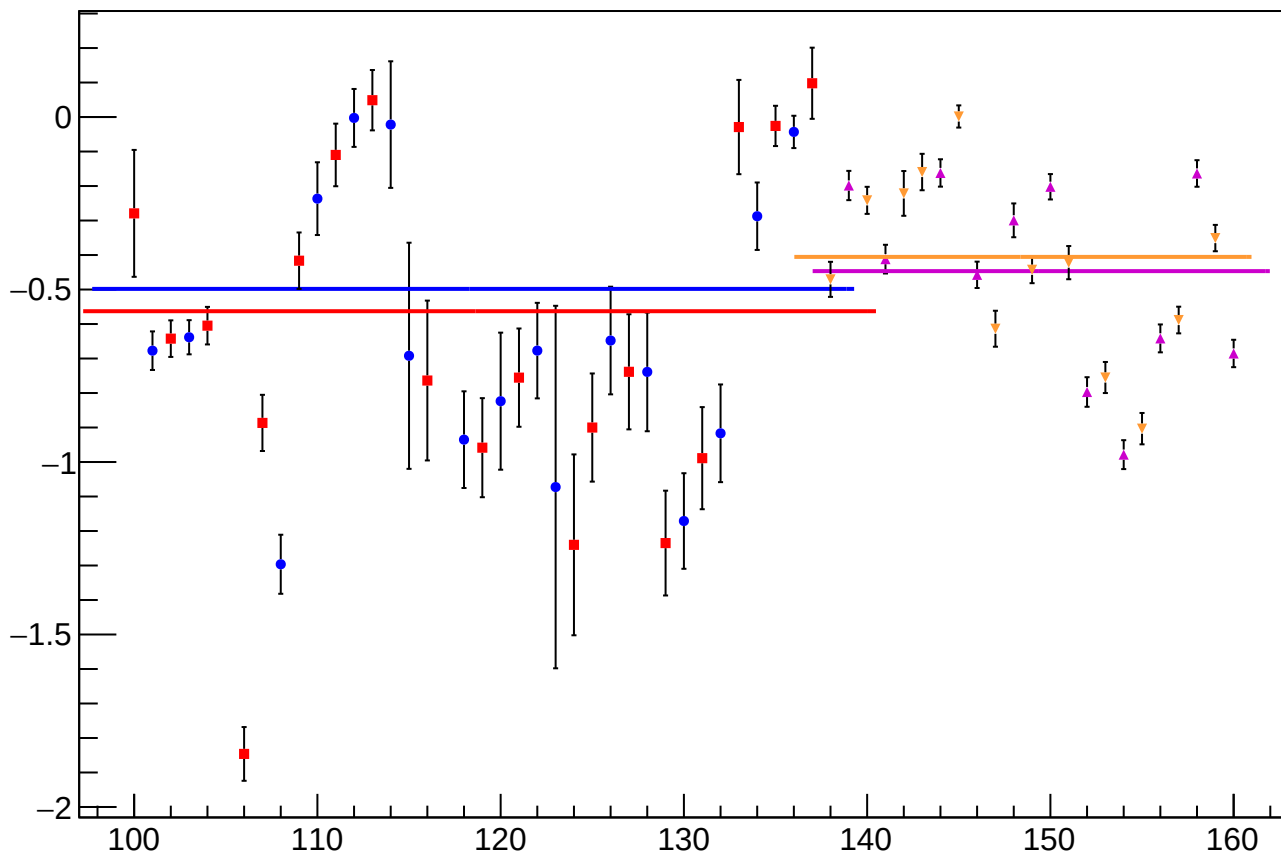
Right Out: 70.849 +/- 0.433 χ^2/NDF : 5500.2/18

Left In: 77.803 +/- 0.260 χ^2/NDF : 557.0/10

77.509 +/- 0.225 χ^2/NDF : 5669.0/28

75.963 +/- 0.223 χ^2/NDF : 6246.7/29

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 302.8/16

Left Out: -0.405 ± 0.013 χ^2/NDF : 430.5/11

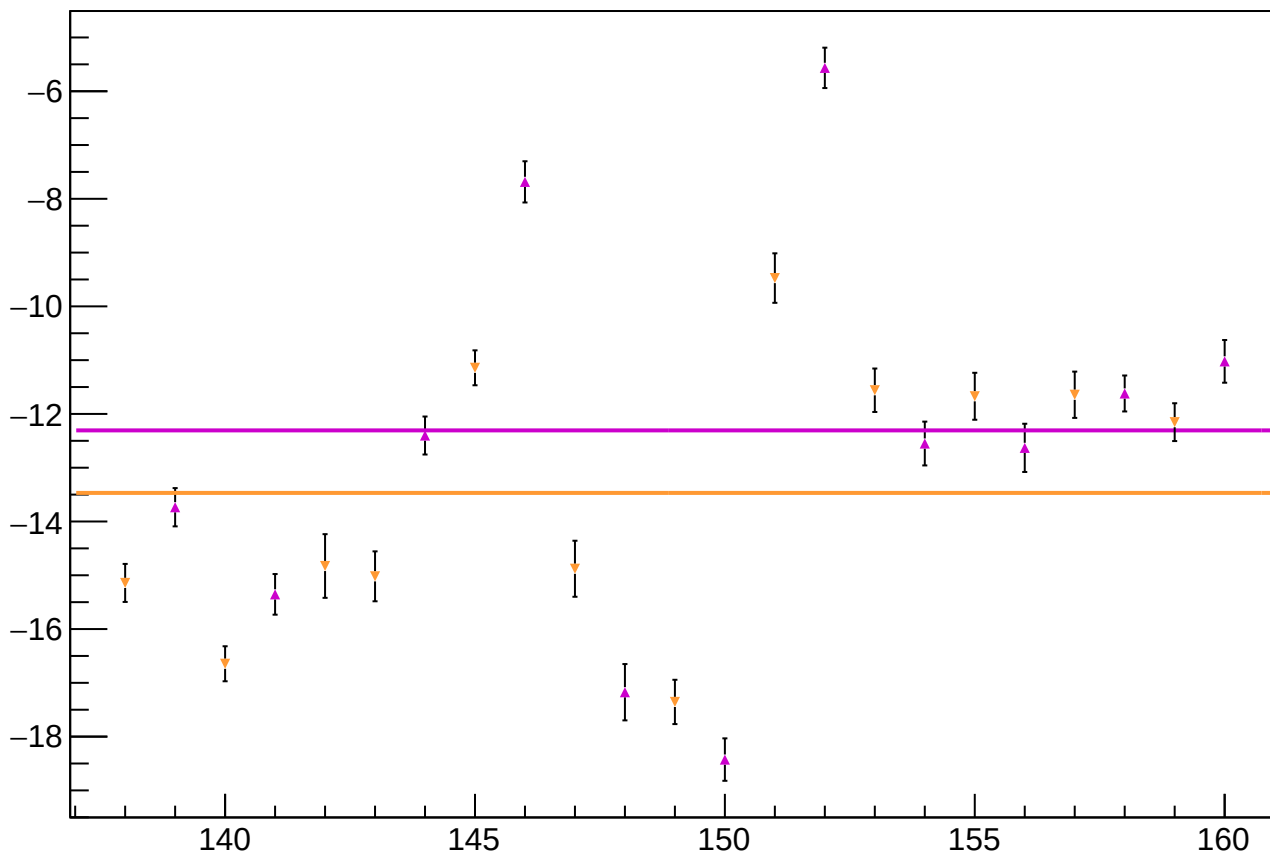
Right Out: -0.563 ± 0.021 χ^2/NDF : 560.8/18

Left In: -0.447 ± 0.012 χ^2/NDF : 480.9/10

-0.428 ± 0.011 χ^2/NDF : 746.4/28

-0.475 ± 0.011 χ^2/NDF : 1063.8/29

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: -13.469+/-0.117 χ^2/NDF : 428.5/11

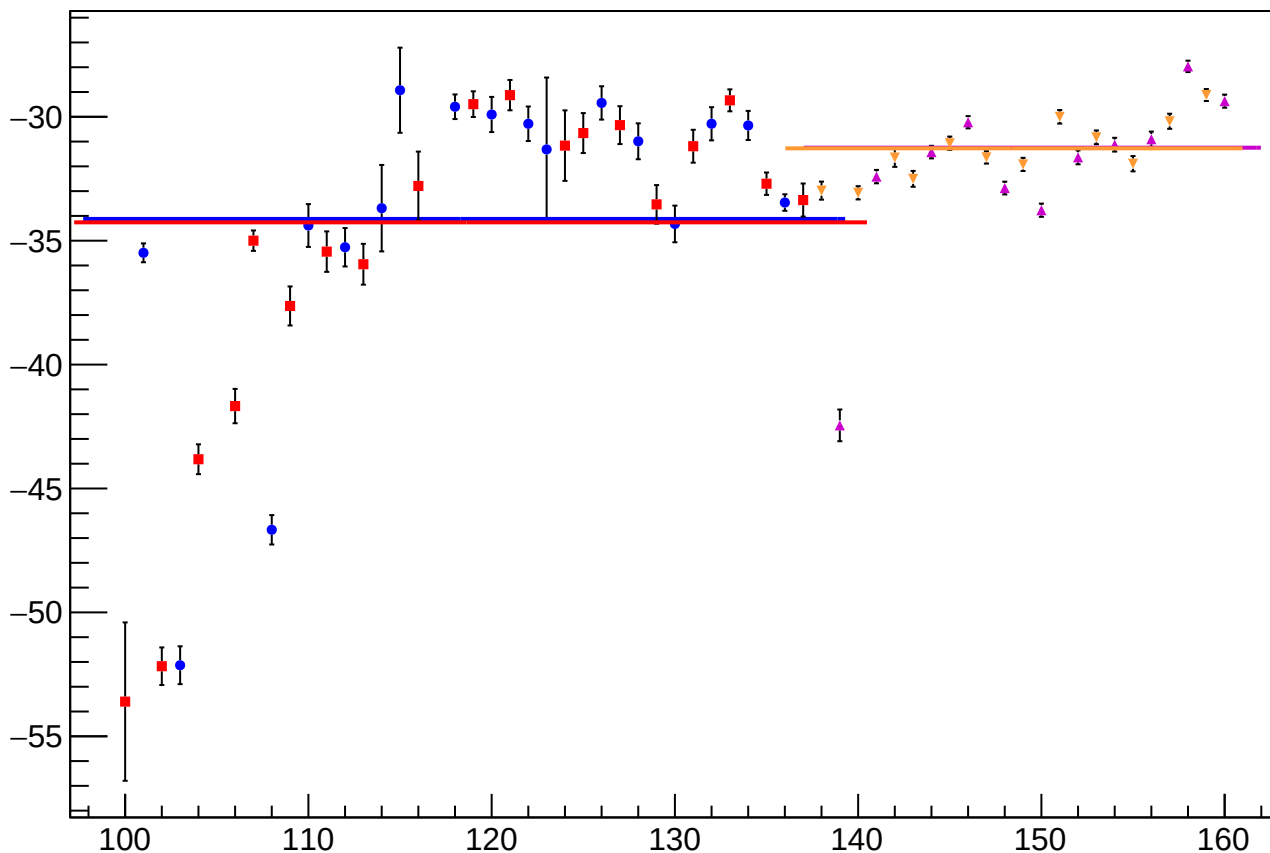
-13.469+/-0.117 χ^2/NDF : 428.5/11

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

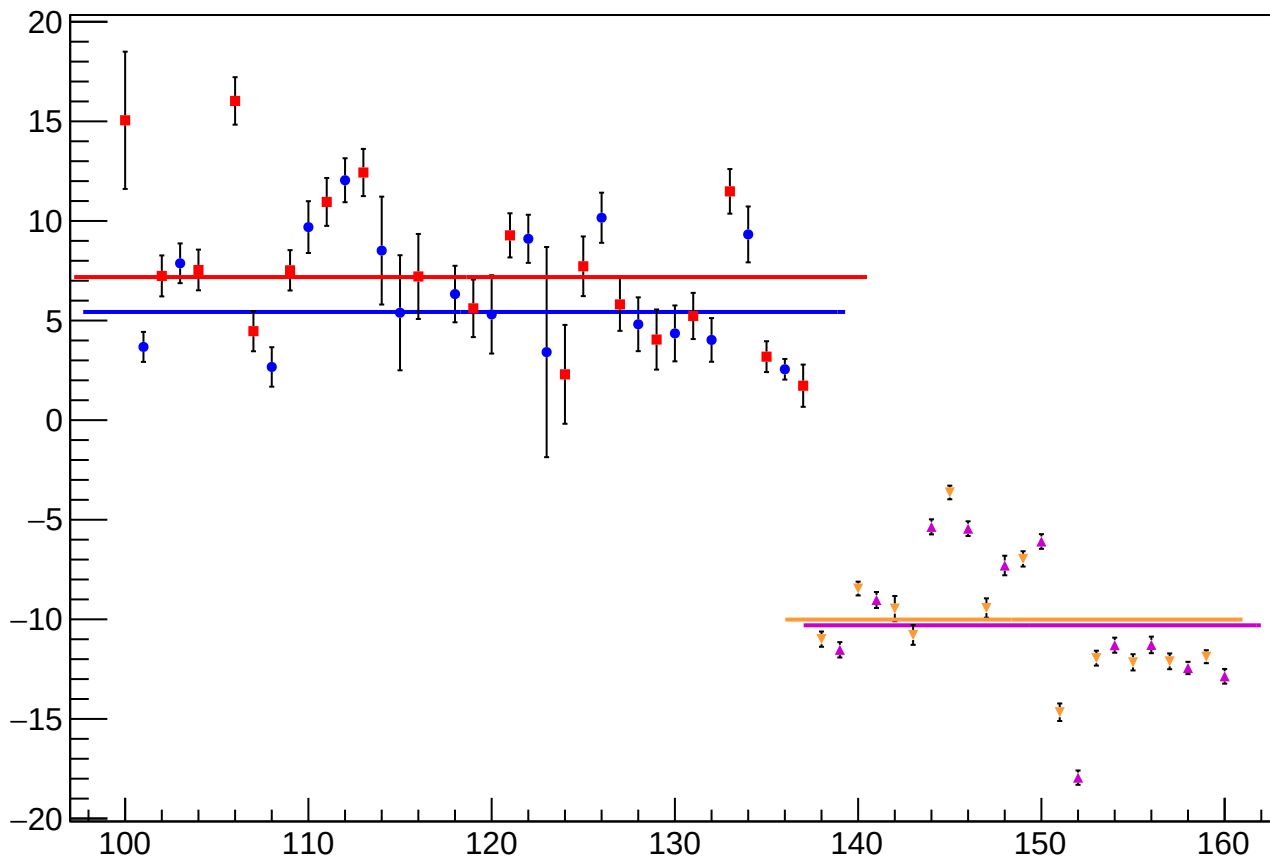
Left In: -12.306+/-0.117 χ^2/NDF : 891.6/10

-12.306+/-0.117 χ^2/NDF : 891.6/10

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.431 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -10.011 ± 0.115 χ^2/NDF : 666.8/11

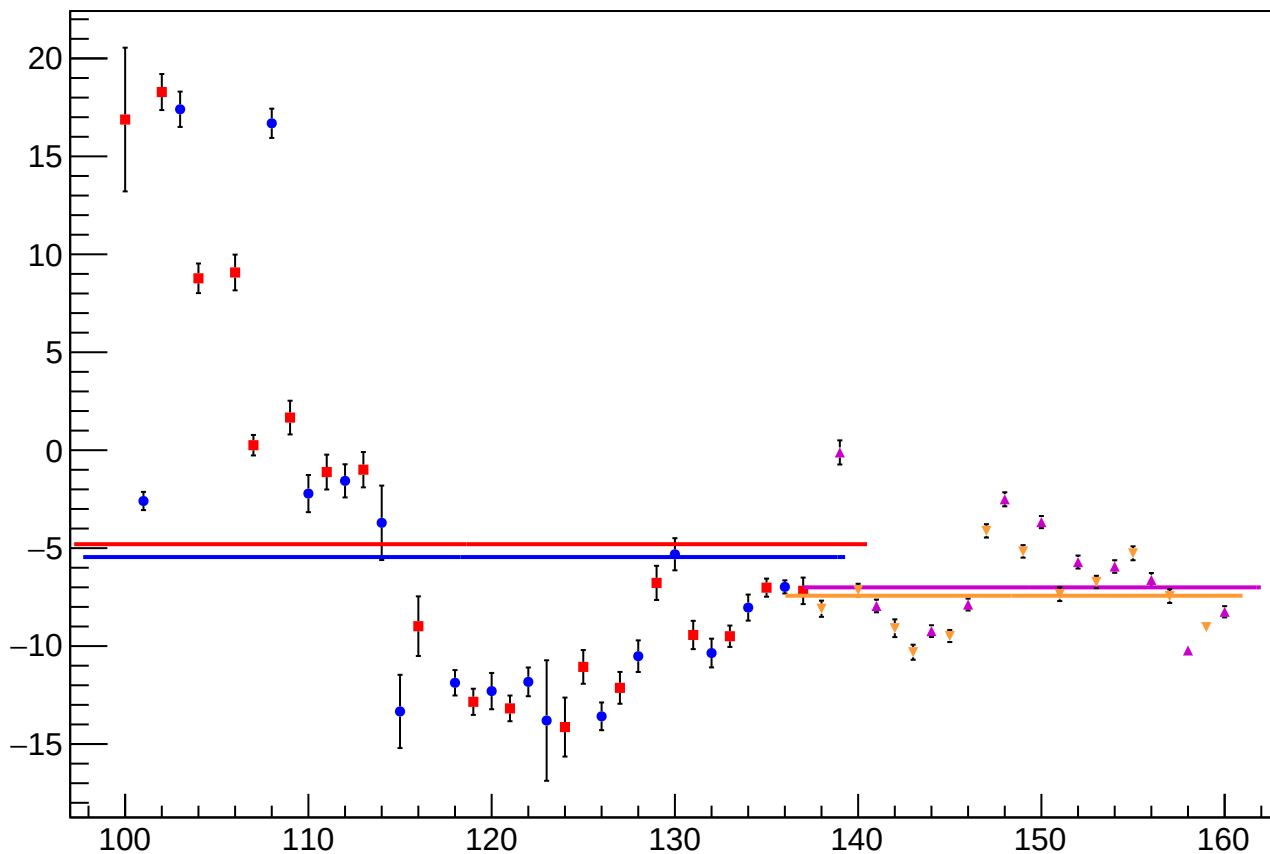
Right Out: 7.185 ± 0.274 χ^2/NDF : 182.1/18

Left In: -10.300 ± 0.114 χ^2/NDF : 1094.6/10

-7.636 ± 0.106 χ^2/NDF : 3558.8/28

-7.733 ± 0.105 χ^2/NDF : 4739.8/29

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.455+/-0.171 χ^2/NDF : 2096.5/16

Left Out: -7.429+/-0.097 χ^2/NDF : 343.2/11

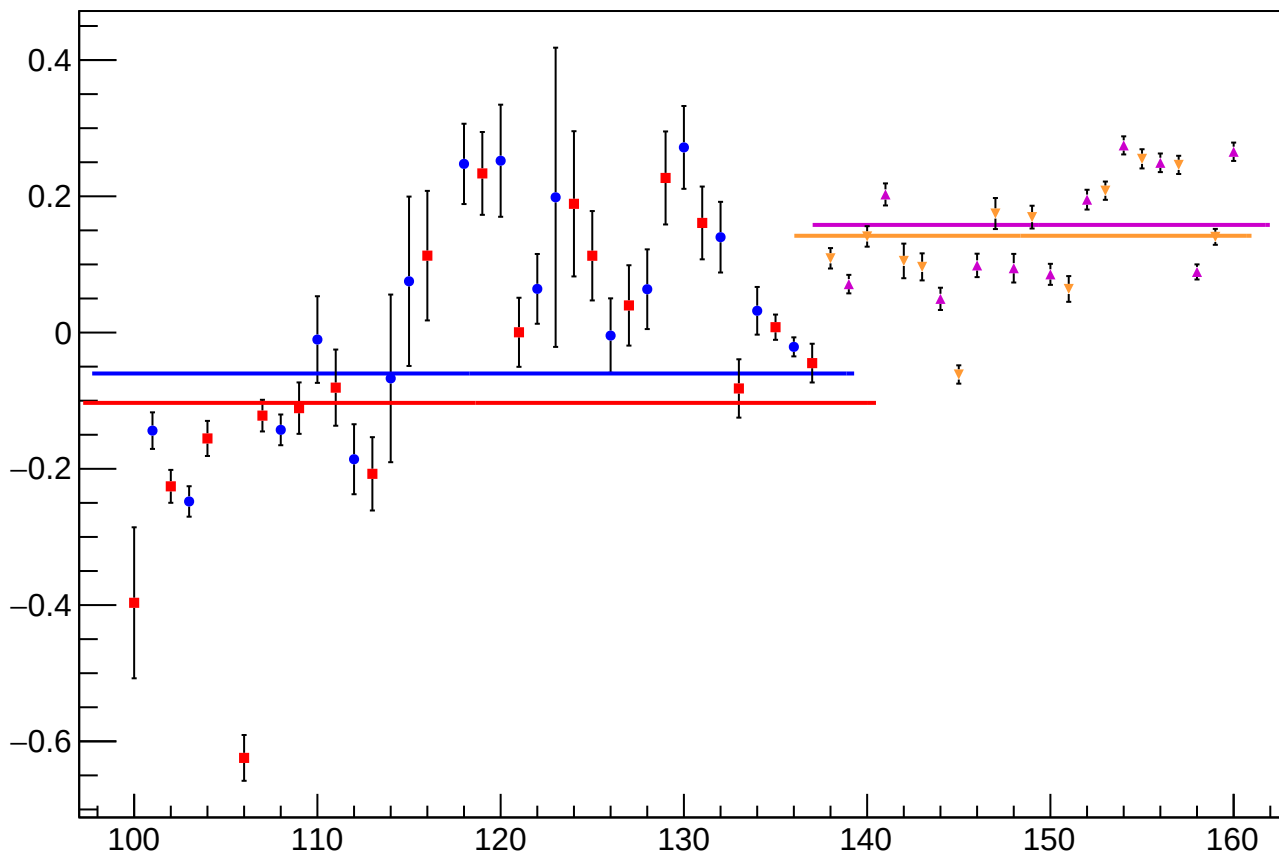
Right Out: -4.798+/-0.173 χ^2/NDF : 2047.4/18

Left In: -7.003+/-0.096 χ^2/NDF : 693.5/10

-6.946+/-0.085 χ^2/NDF : 2540.6/28

-6.483+/-0.084 χ^2/NDF : 2865.1/29

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 $\pm$ 0.008 χ^2/NDF : 215.5/16

Left Out: 0.142 $\pm$ 0.004 χ^2/NDF : 412.7/11

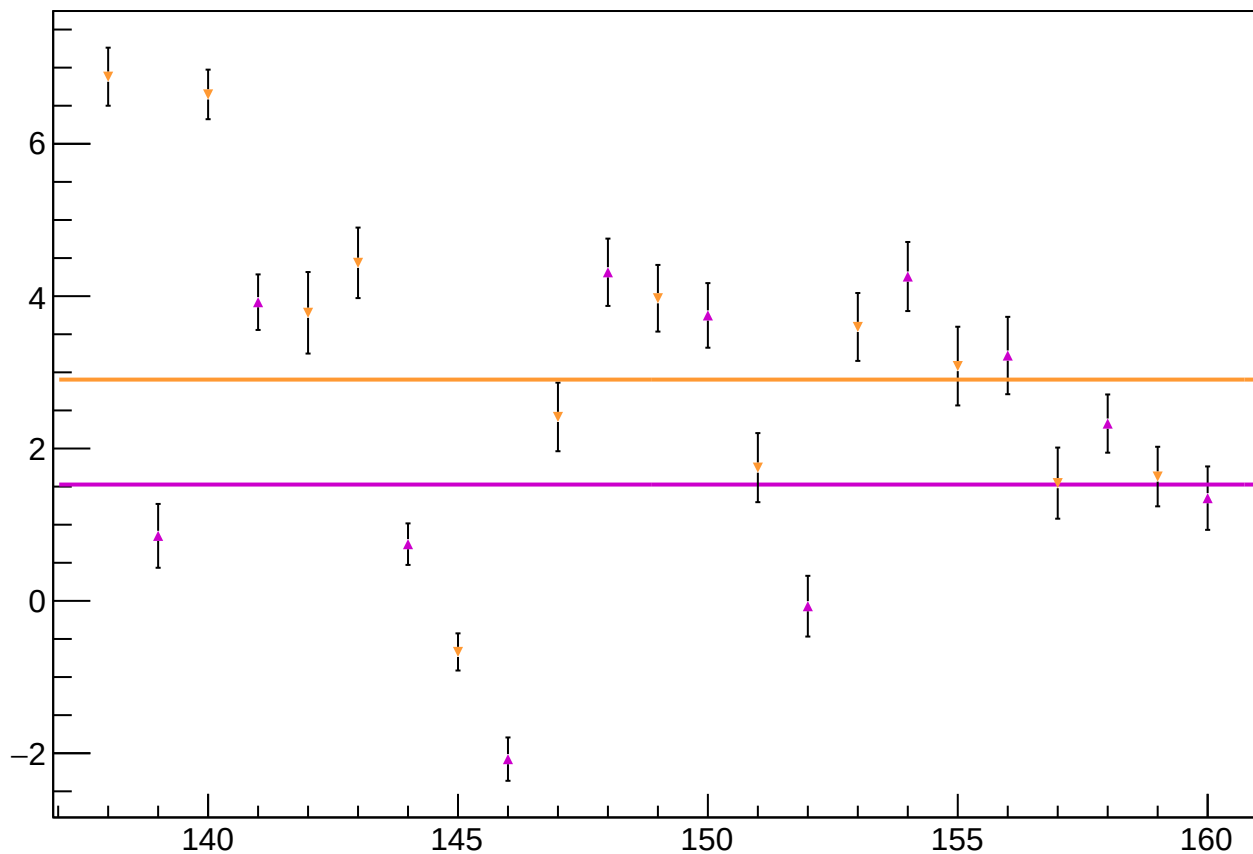
Right Out: -0.103 $\pm$ 0.008 χ^2/NDF : 434.3/18

Left In: 0.158 $\pm$ 0.004 χ^2/NDF : 366.6/10

0.098 $\pm$ 0.004 χ^2/NDF : 1079.9/28

0.103 $\pm$ 0.004 χ^2/NDF : 1556.2/29

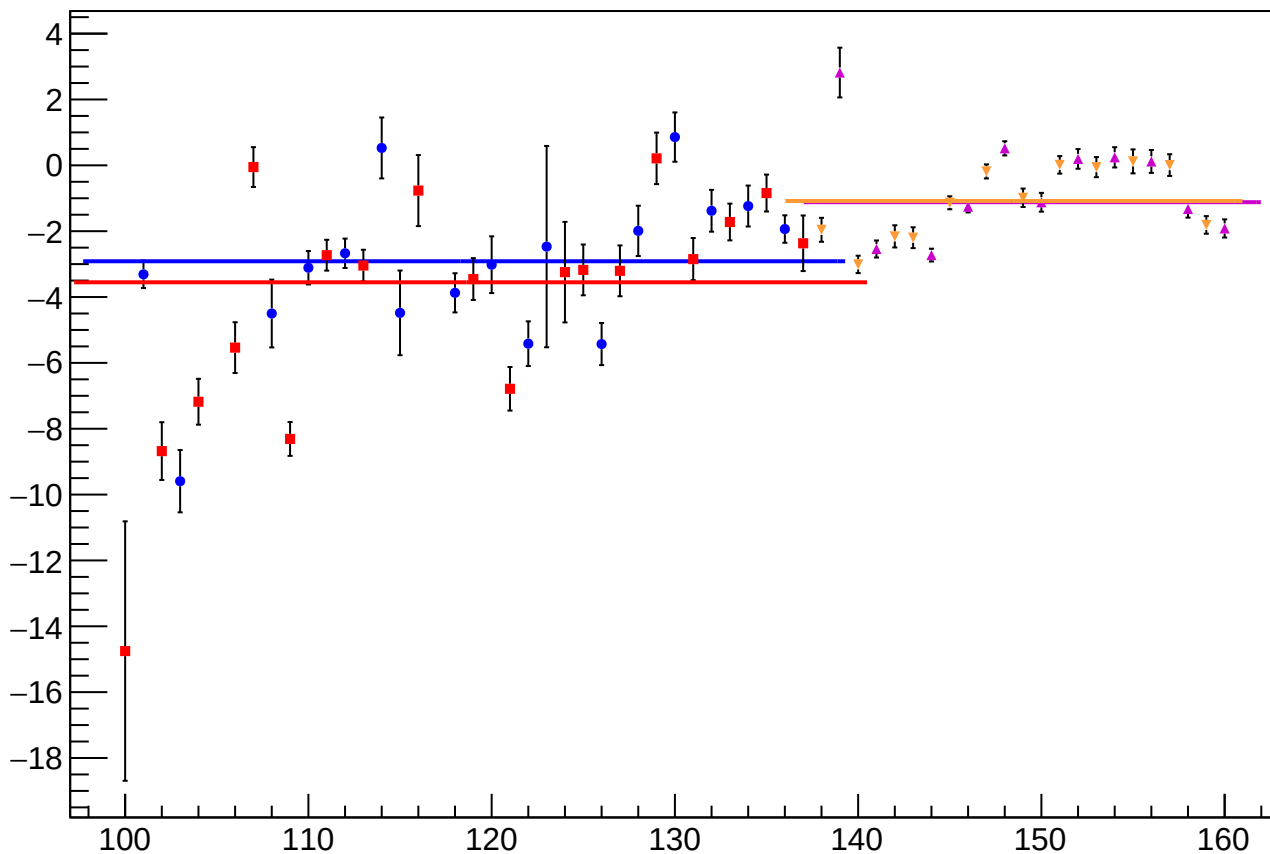
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.905+/-0.115 χ^2/NDF : 505.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.527+/-0.114 χ^2/NDF : 349.6/10

2.905+/-0.115 χ^2/NDF : 505.1/11
 1.527+/-0.114 χ^2/NDF : 349.6/10

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.914 ± 0.155 $\chi^2/\text{NDF}: 146.1/16$

Left Out: -1.083 ± 0.080 $\chi^2/\text{NDF}: 156.9/11$

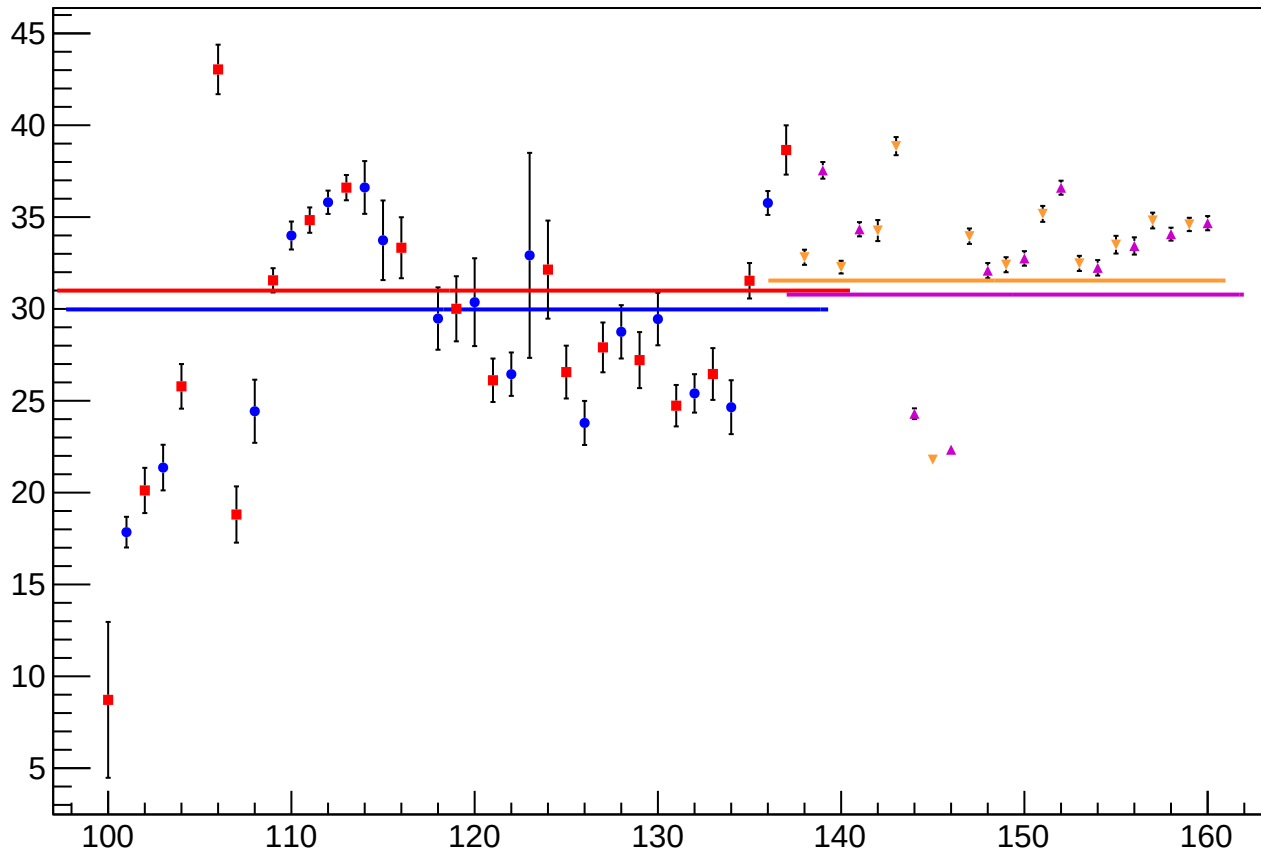
Right Out: -3.553 ± 0.155 $\chi^2/\text{NDF}: 290.9/18$

Left In: -1.120 ± 0.077 $\chi^2/\text{NDF}: 244.3/10$

-1.468 ± 0.071 $\chi^2/\text{NDF}: 413.5/28$

-1.606 ± 0.069 $\chi^2/\text{NDF}: 733.4/29$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 $\pm$ 0.267 χ^2/NDF : 554.3/16

Left Out: 31.546 $\pm$ 0.114 χ^2/NDF : 1923.3/11

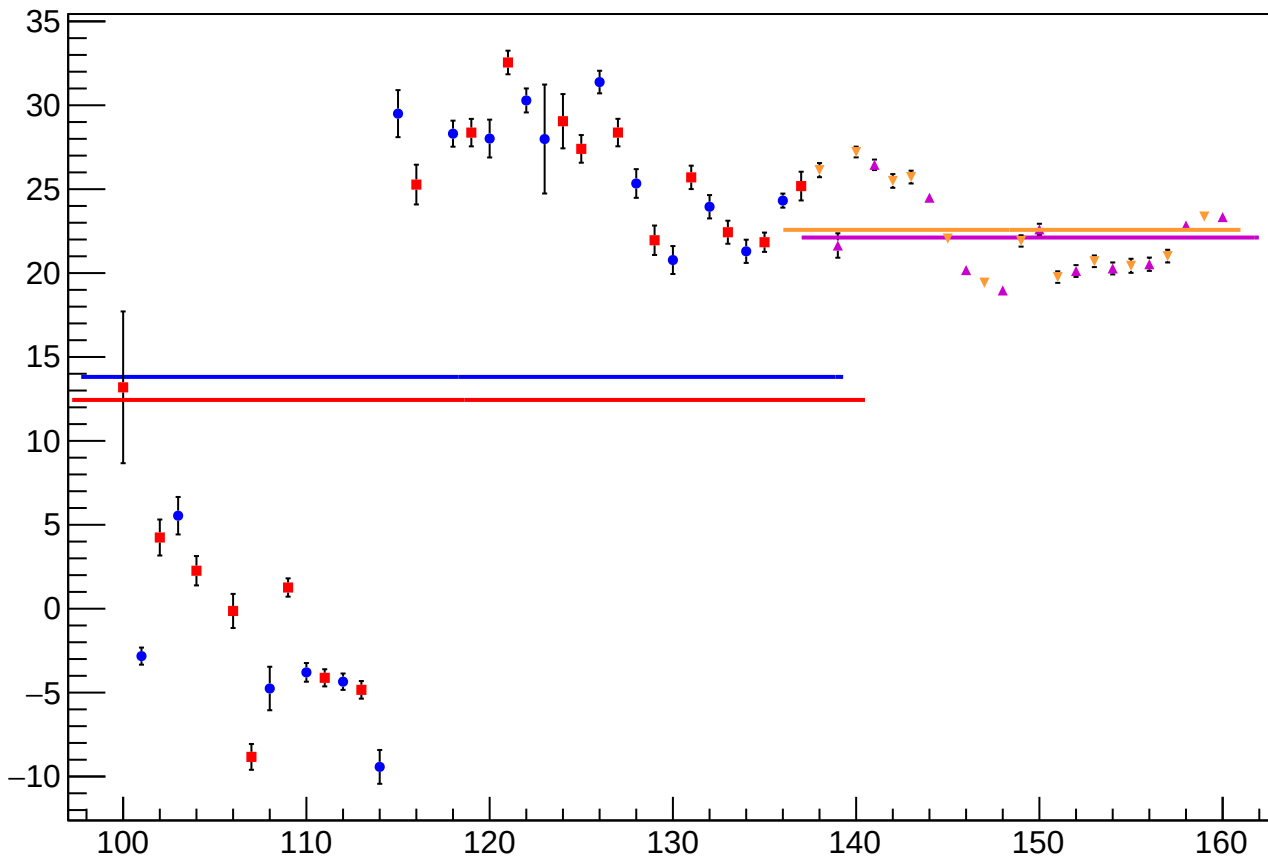
Right Out: 30.999 $\pm$ 0.260 χ^2/NDF : 479.5/18

Left In: 30.781 $\pm$ 0.111 χ^2/NDF : 2254.4/10

31.302 $\pm$ 0.105 χ^2/NDF : 2506.9/28

30.815 $\pm$ 0.102 χ^2/NDF : 2734.5/29

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.813 $\pm$ 0.173 χ^2 /NDF: 7318.6/16

Left Out: 22.576 $\pm$ 0.095 χ^2 /NDF: 671.0/11

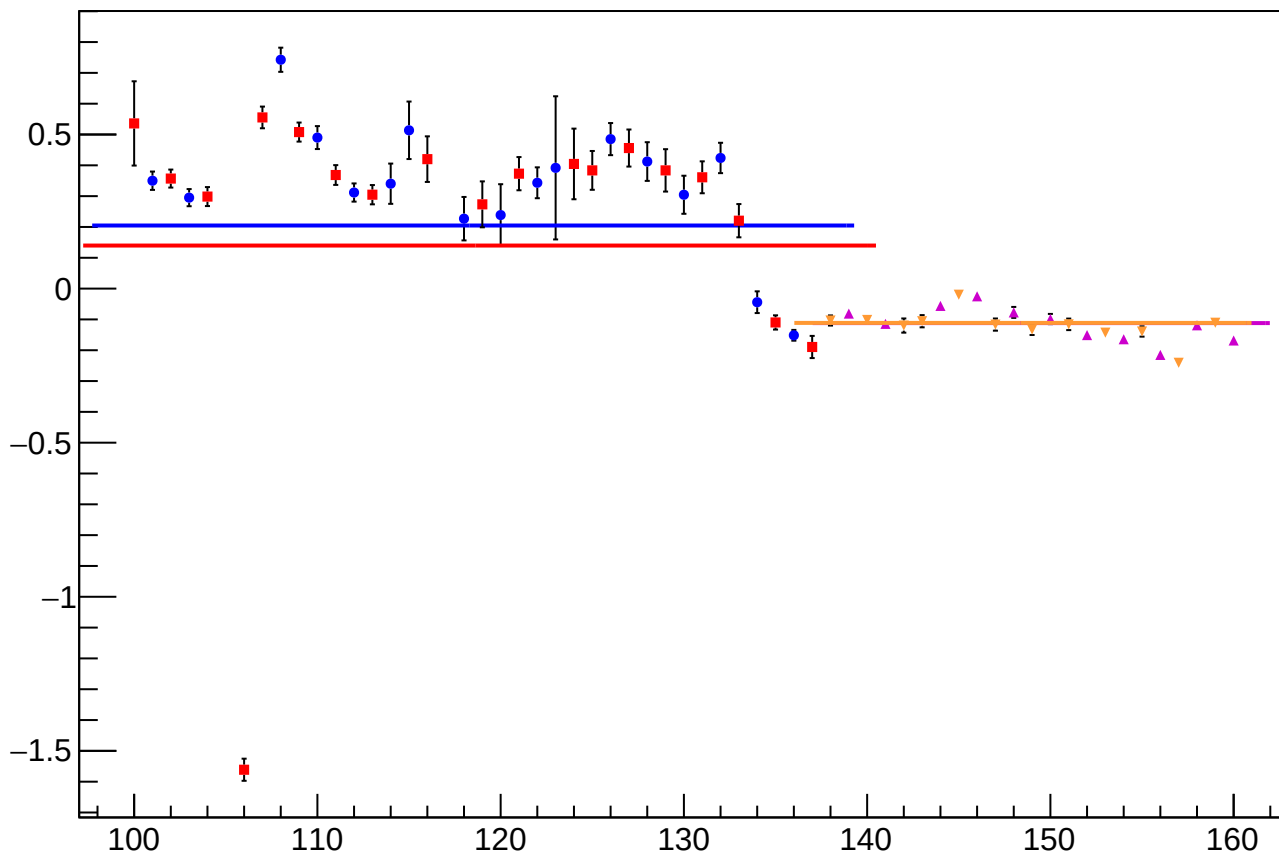
Right Out: 12.440 $\pm$ 0.174 χ^2 /NDF: 6970.3/18

Left In: 22.117 $\pm$ 0.092 χ^2 /NDF: 587.0/10

20.528 $\pm$ 0.083 χ^2 /NDF: 9963.2/28

19.999 $\pm$ 0.081 χ^2 /NDF: 9980.9/29

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205+/-0.009 χ^2/NDF : 845.8/16

Left Out: -0.111+/-0.004 χ^2/NDF :170.4/11

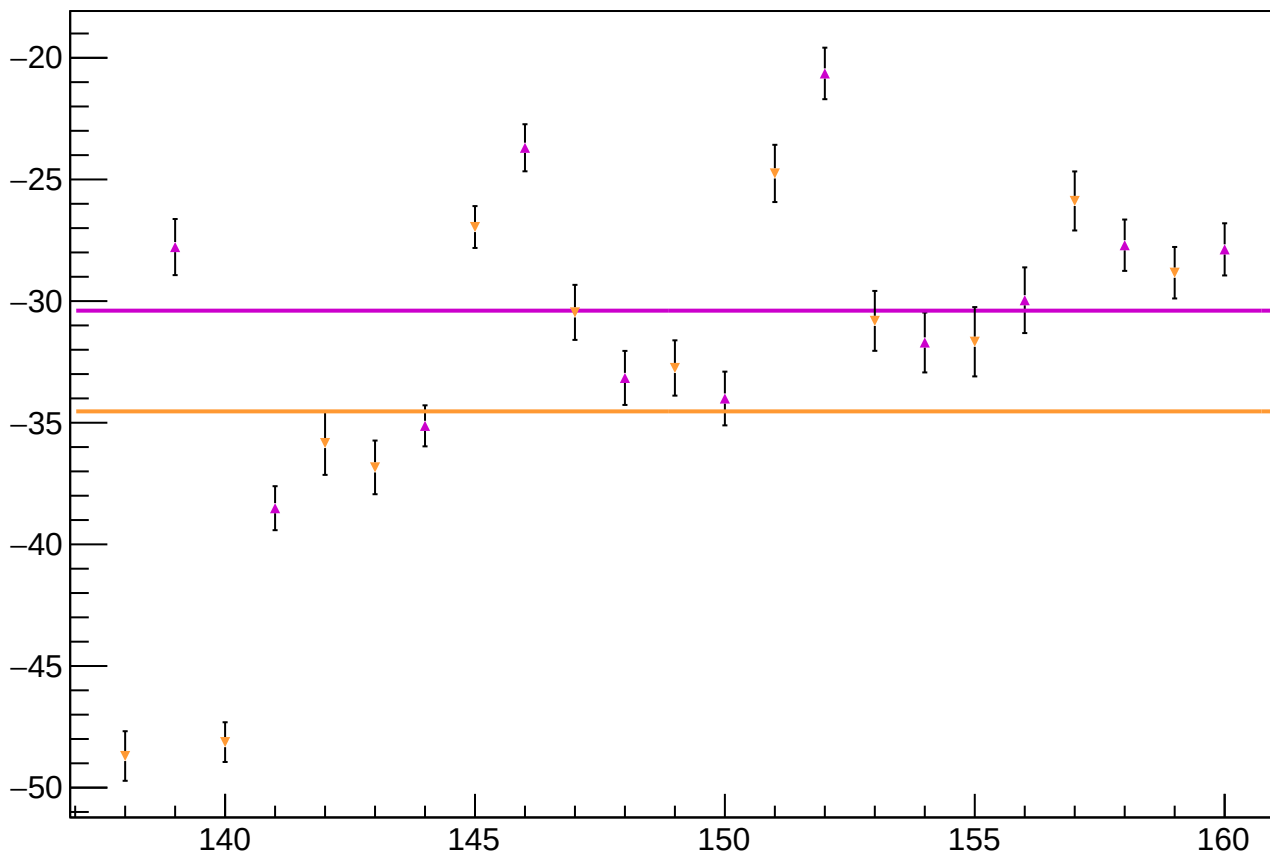
Right Out: 0.140+/-0.009 χ^2/NDF : 3014.2/18

Left In: -0.112+/-0.004 χ^2/NDF :154.4/10

-0.052+/-0.004 χ^2/NDF : 1940.7/28

-0.065+/-0.004 χ^2/NDF : 3775.8/29

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: -34.533+/-0.313 χ^2/NDF : 730.8/11

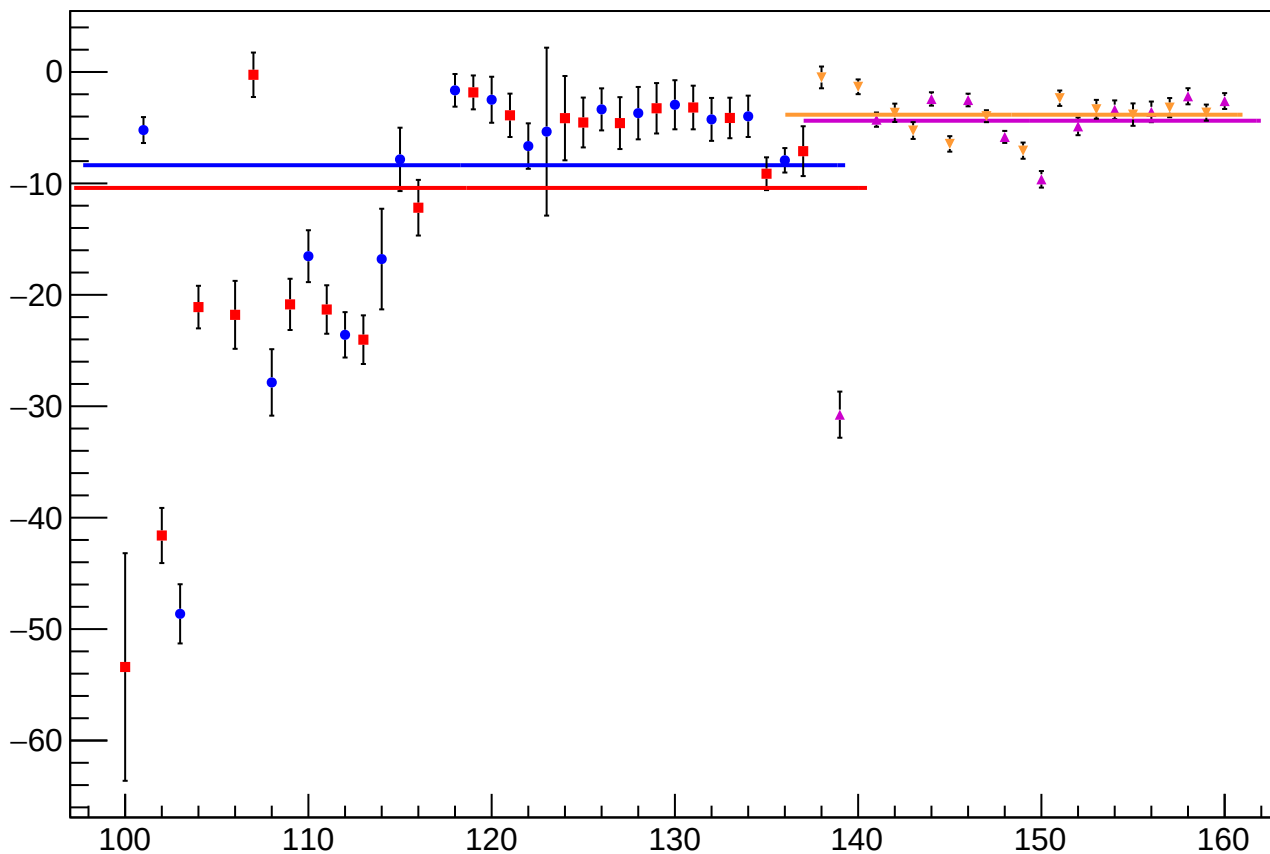
-34.533+/-0.313 χ^2/NDF : 730.8/11

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

-30.393+/-0.317 χ^2/NDF : 280.2/10

Left In: -30.393+/-0.317 χ^2/NDF : 280.2/10

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.367 ± 0.466 $\chi^2/\text{NDF}: 408.8/16$

Left Out: -3.834 ± 0.214 $\chi^2/\text{NDF}: 69.2/11$

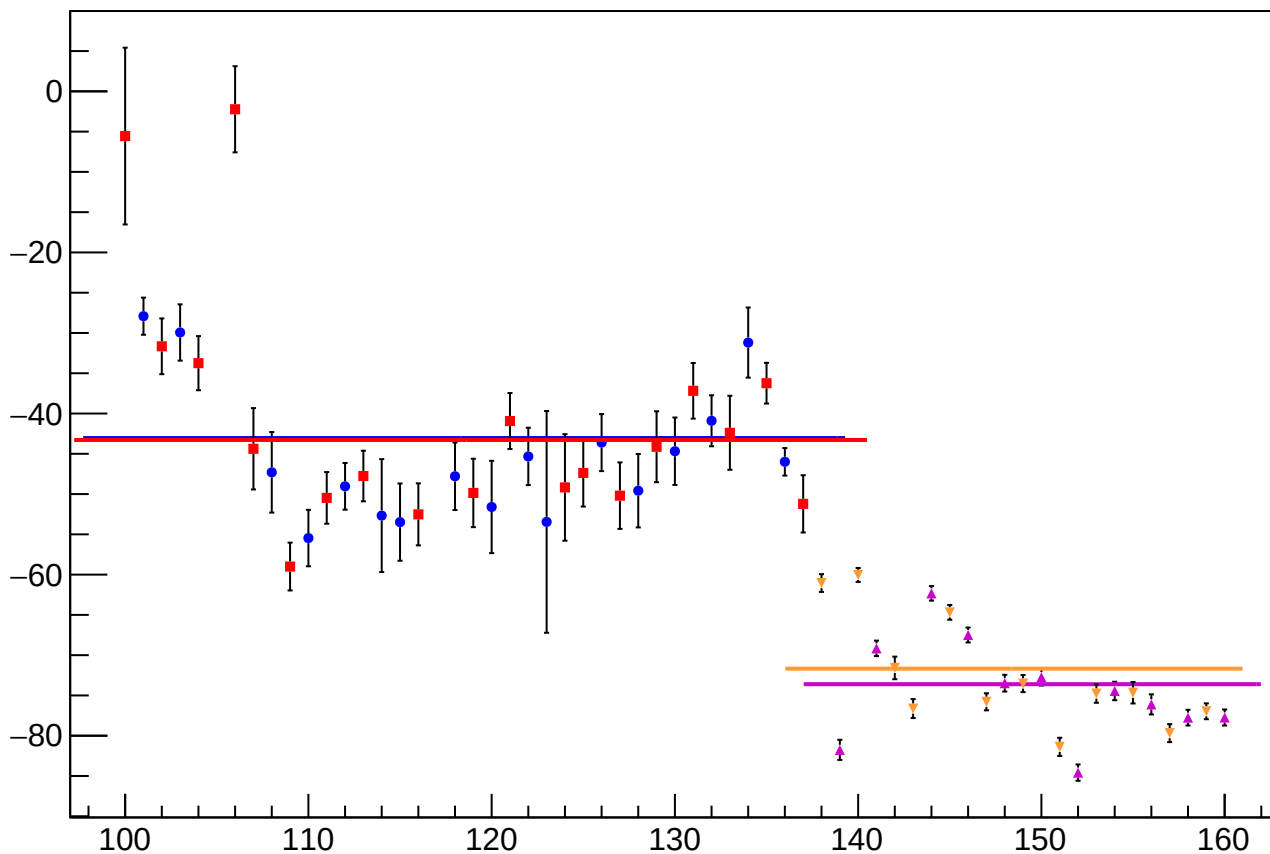
Right Out: -10.405 ± 0.491 $\chi^2/\text{NDF}: 430.3/18$

Left In: -4.374 ± 0.214 $\chi^2/\text{NDF}: 258.8/10$

-4.626 ± 0.195 $\chi^2/\text{NDF}: 556.0/28$

-5.336 ± 0.196 $\chi^2/\text{NDF}: 815.9/29$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -71.675 ± 0.311 $\chi^2/\text{NDF}: 533.0/11$

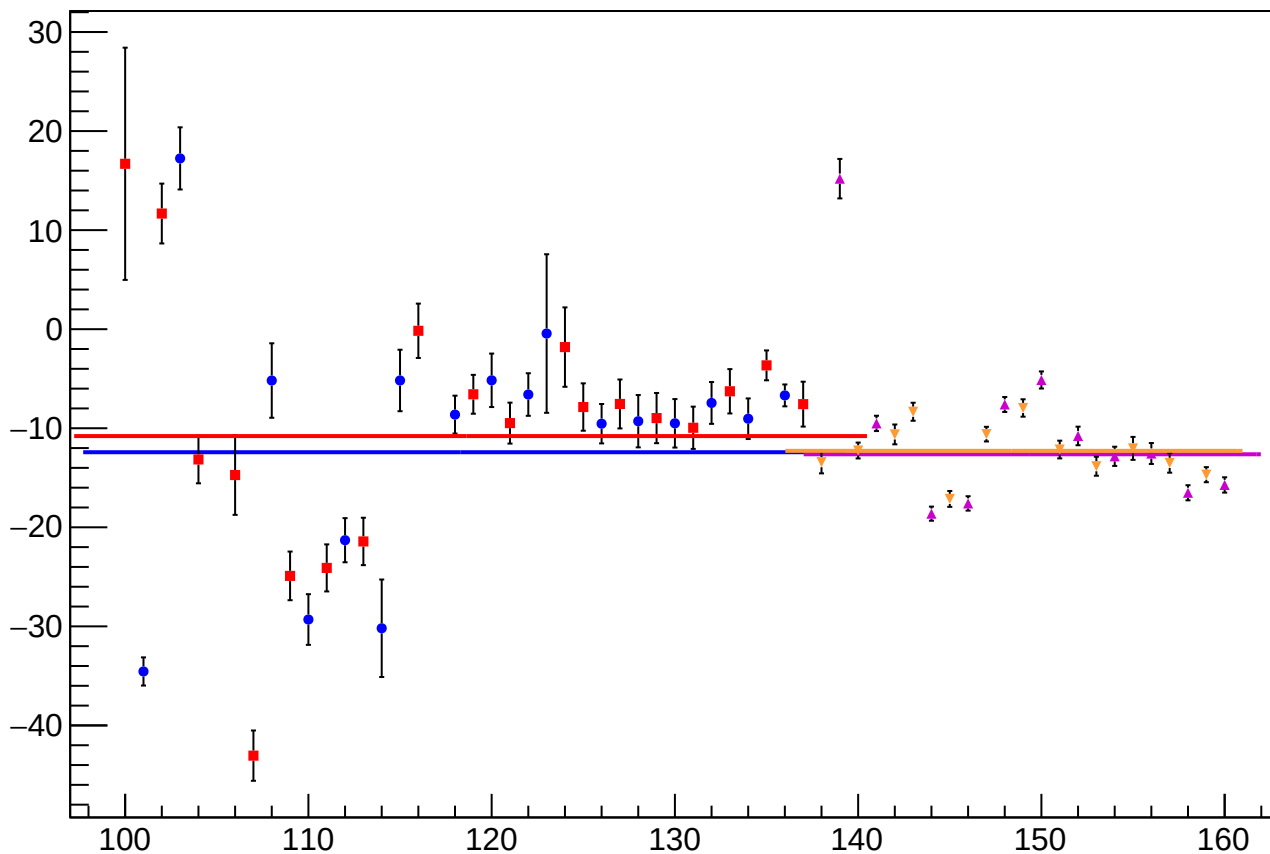
Right Out: -43.282 ± 0.867 $\chi^2/\text{NDF}: 154.4/18$

Left In: -73.604 ± 0.310 $\chi^2/\text{NDF}: 421.6/10$

-68.196 ± 0.292 $\chi^2/\text{NDF}: 1659.1/28$

-70.171 ± 0.292 $\chi^2/\text{NDF}: 1660.2/29$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 ± 0.523 $\chi^2/\text{NDF}: 474.4/16$

Left Out: -12.280 ± 0.258 $\chi^2/\text{NDF}: 102.8/11$

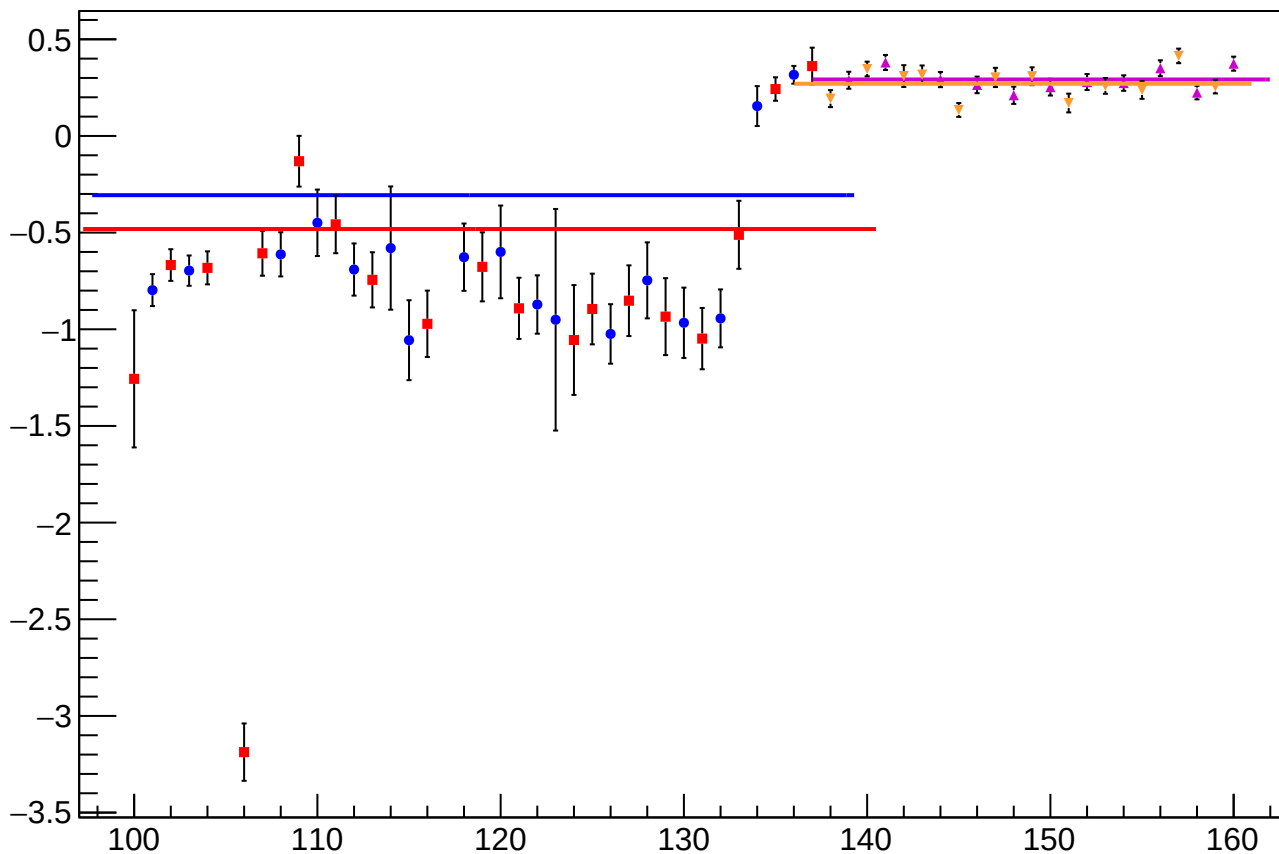
Right Out: -10.791 ± 0.554 $\chi^2/\text{NDF}: 365.8/18$

Left In: -12.628 ± 0.255 $\chi^2/\text{NDF}: 494.2/10$

-12.307 ± 0.231 $\chi^2/\text{NDF}: 577.2/28$

-12.307 ± 0.232 $\chi^2/\text{NDF}: 869.1/29$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.306 ± 0.028 χ^2/NDF : 371.7/16

Left Out: 0.174 ± 0.011 χ^2/NDF : 779.8/28

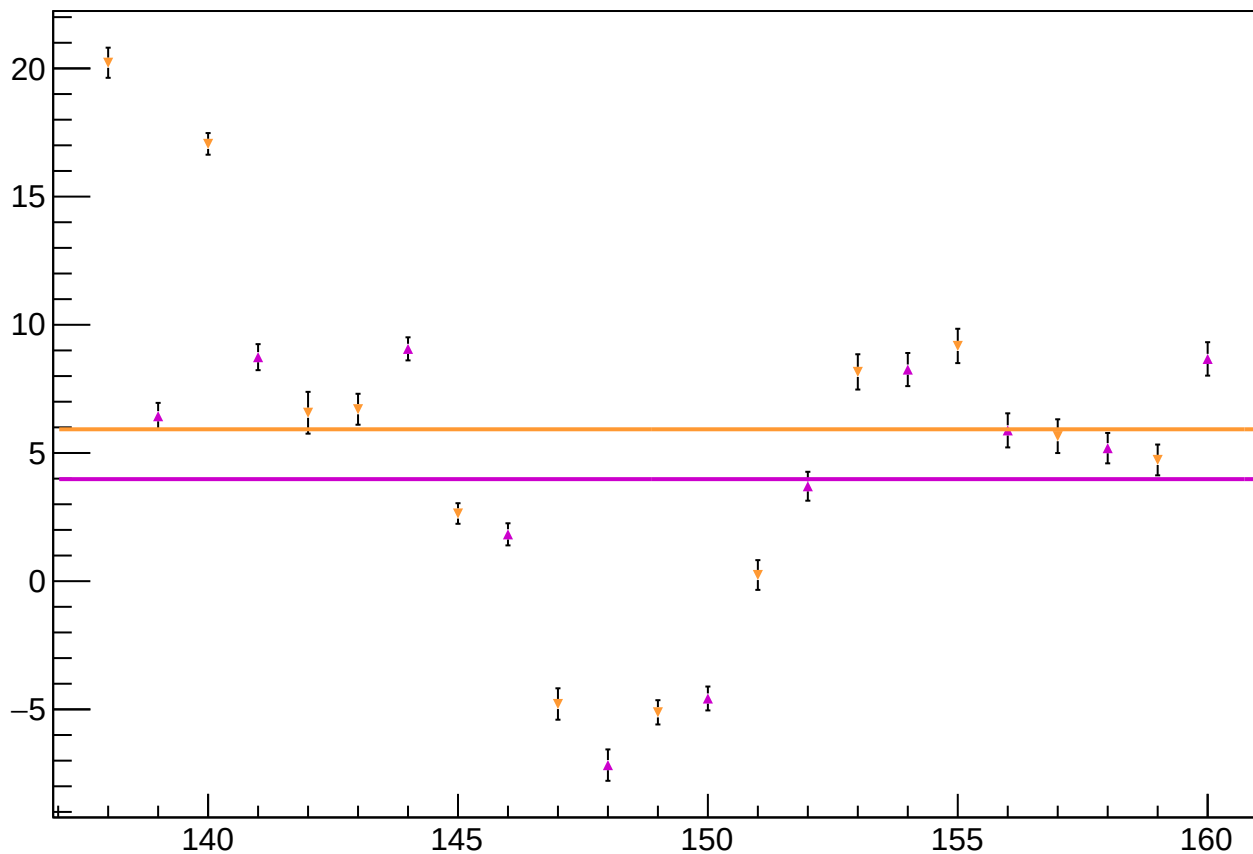
0.174 ± 0.011 χ^2/NDF : 779.8/28

Right Out: -0.481 ± 0.029 χ^2/NDF : 628.3/18

0.174 ± 0.011 χ^2/NDF : 1268.9/29

Left In: 0.292 ± 0.012 χ^2/NDF : 20.9/10

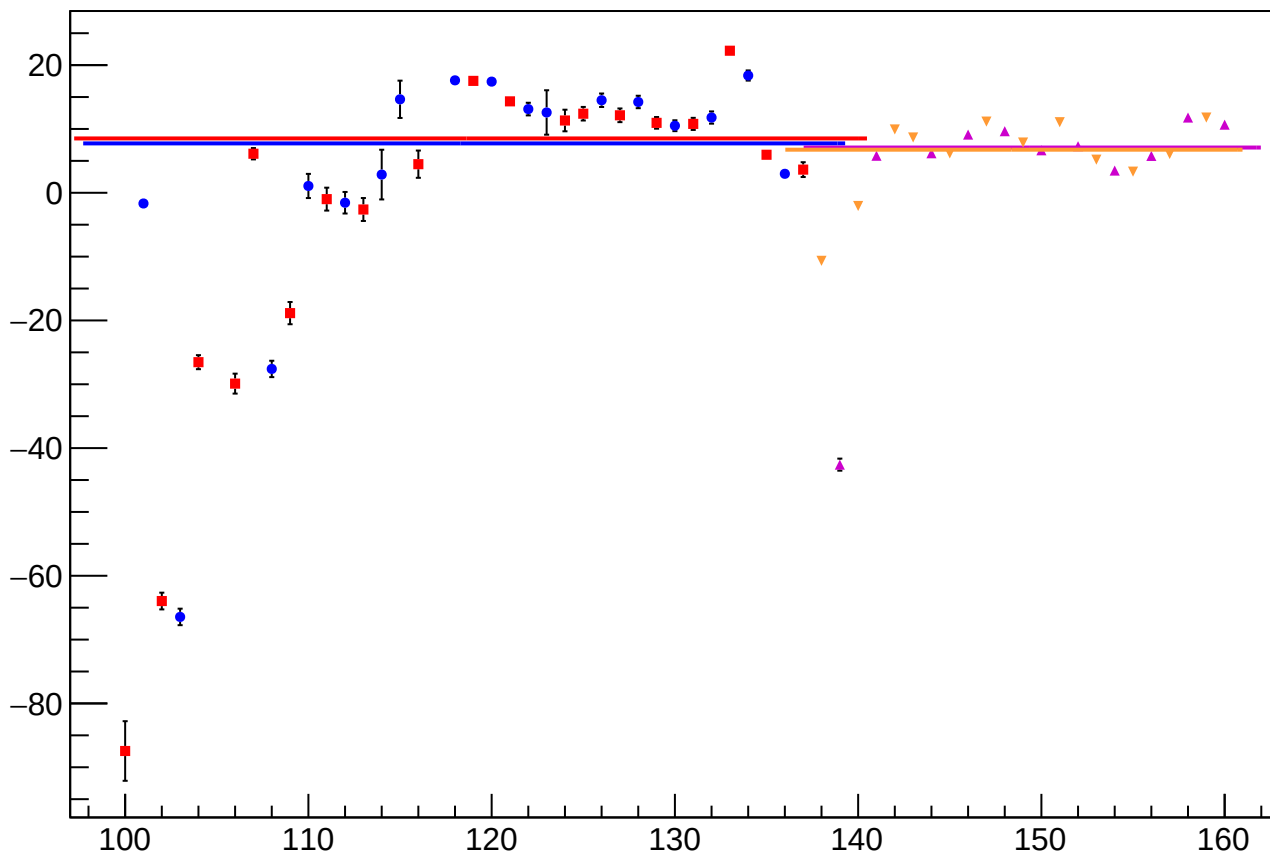
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.924+/-0.161 χ^2/NDF :2340.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.980+/-0.162 χ^2/NDF :1039.9/10

5.924+/-0.161 χ^2/NDF : 2340.0/11
 3.980+/-0.162 χ^2/NDF : 1039.9/10

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 ± 0.218 $\chi^2/\text{NDF}: 5300.6/16$

Left Out: 6.751 ± 0.112 $\chi^2/\text{NDF}: 2158.5/11$

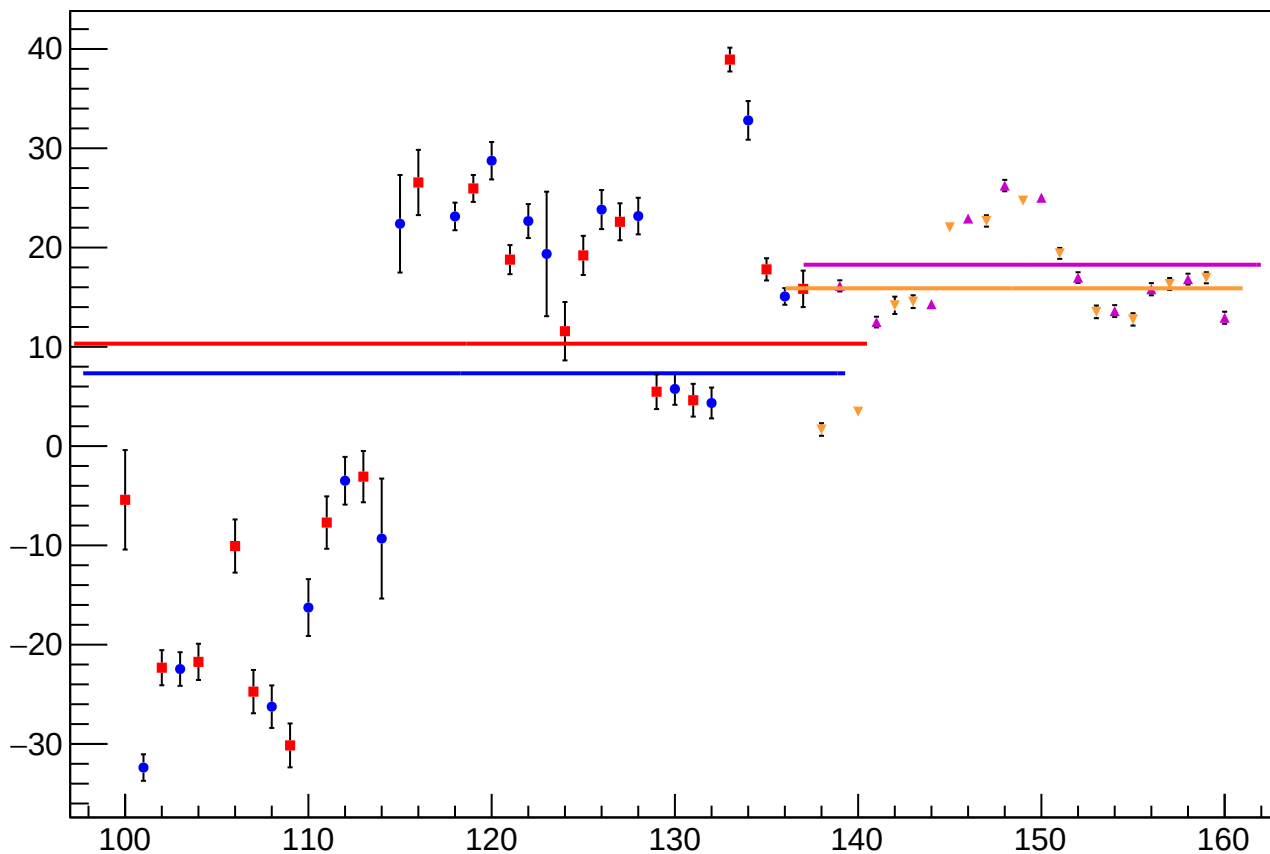
Right Out: 8.514 ± 0.213 $\chi^2/\text{NDF}: 6719.4/18$

Left In: 7.088 ± 0.112 $\chi^2/\text{NDF}: 3189.1/10$

6.957 ± 0.100 $\chi^2/\text{NDF}: 7475.3/28$

7.398 ± 0.099 $\chi^2/\text{NDF}: 9943.5/29$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.333+/-0.419 χ^2/NDF : 2293.1/16

Left Out: 15.895+/-0.160 χ^2/NDF :2100.0/11

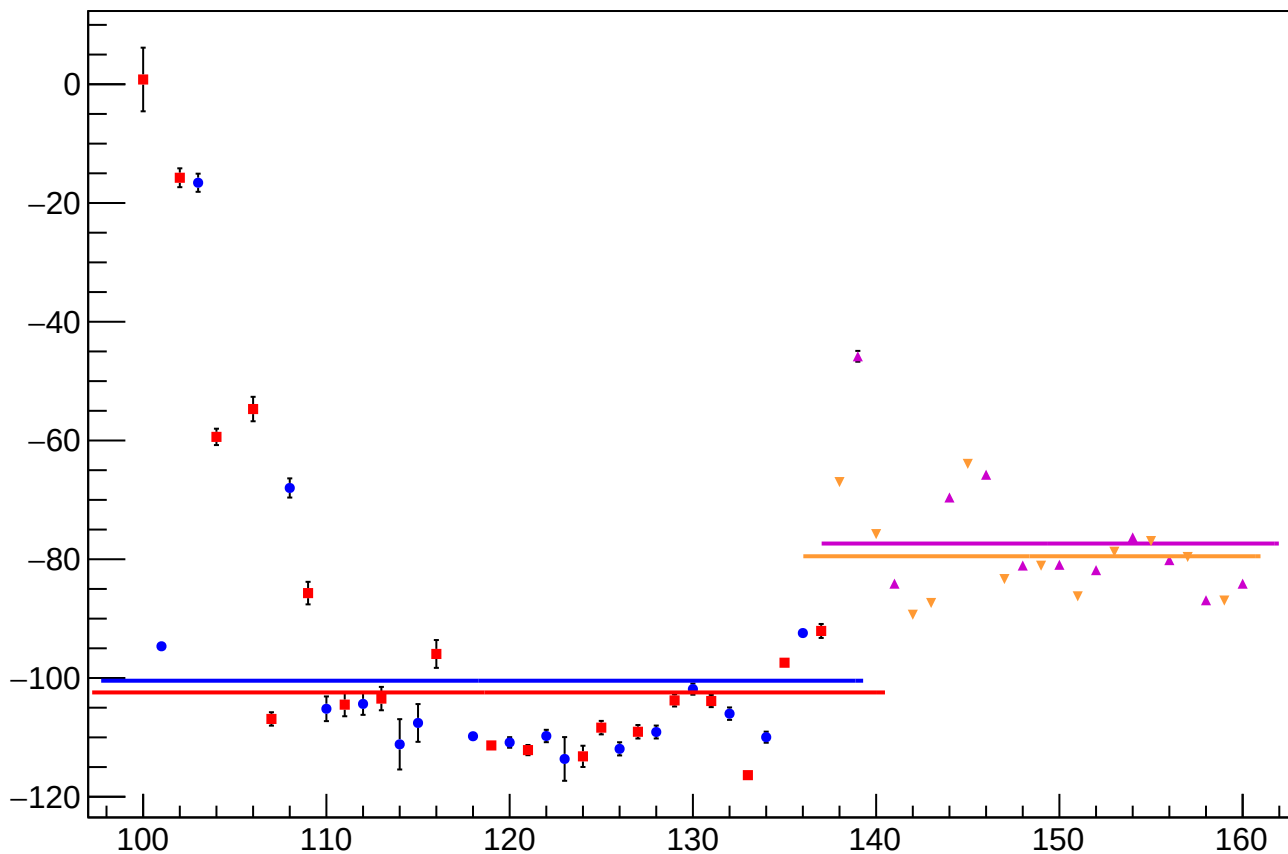
Right Out: 10.317+/-0.417 χ^2/NDF : 2281.5/18

Left In: 18.269+/-0.158 χ^2/NDF :922.4/10

14.804+/-0.149 χ^2/NDF : 4758.2/28

17.267+/-0.148 χ^2/NDF : 3521.9/29

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -79.496 ± 0.134 χ^2/NDF : 3262.3/11

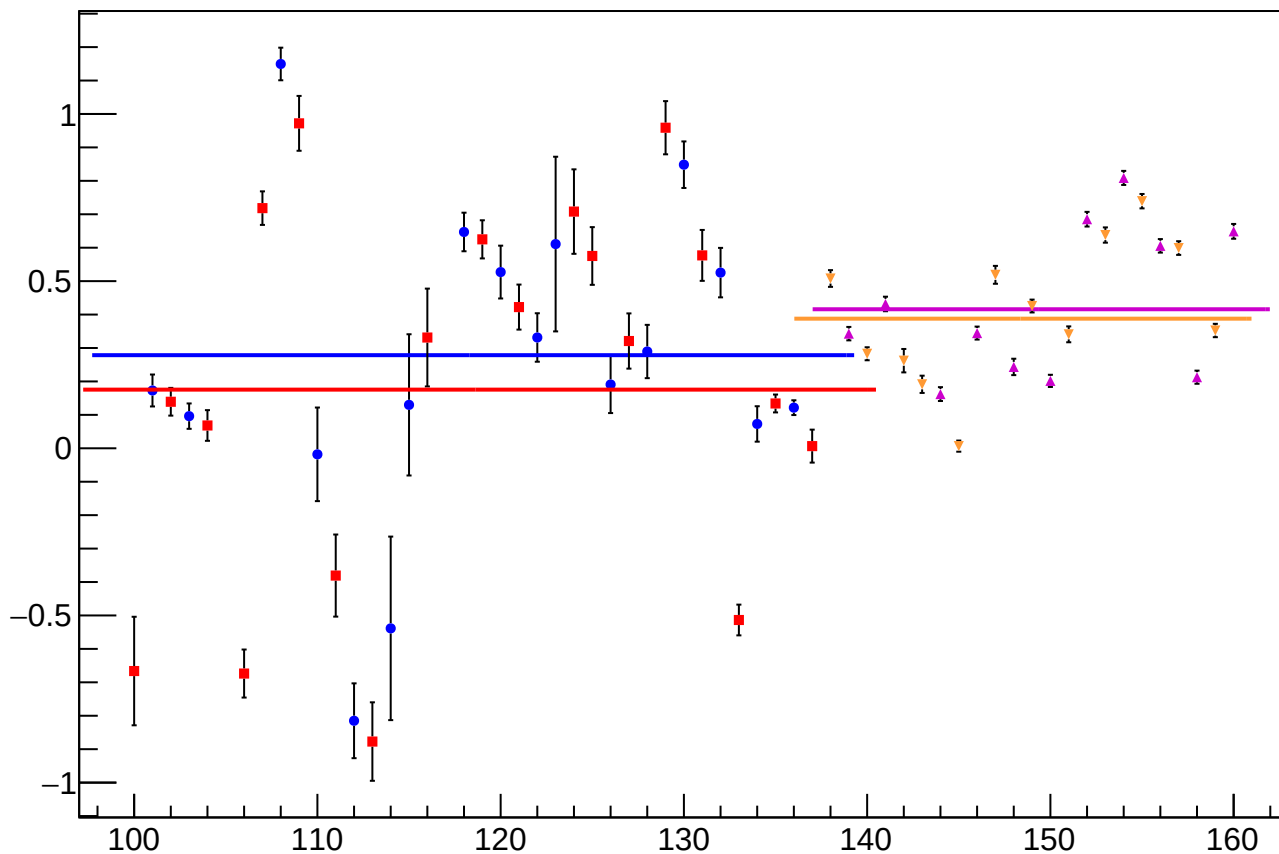
Right Out: -102.431 ± 0.246 χ^2/NDF : 6094.3/18

Left In: -77.354 ± 0.133 χ^2/NDF : 3980.3/10

-84.154 ± 0.118 χ^2/NDF : 13158.5/28

-83.025 ± 0.117 χ^2/NDF : 18099.3/29

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.279 ± 0.014 χ^2/NDF : 653.9/16

Left Out: 0.388 ± 0.006 χ^2/NDF : 1173.9/11

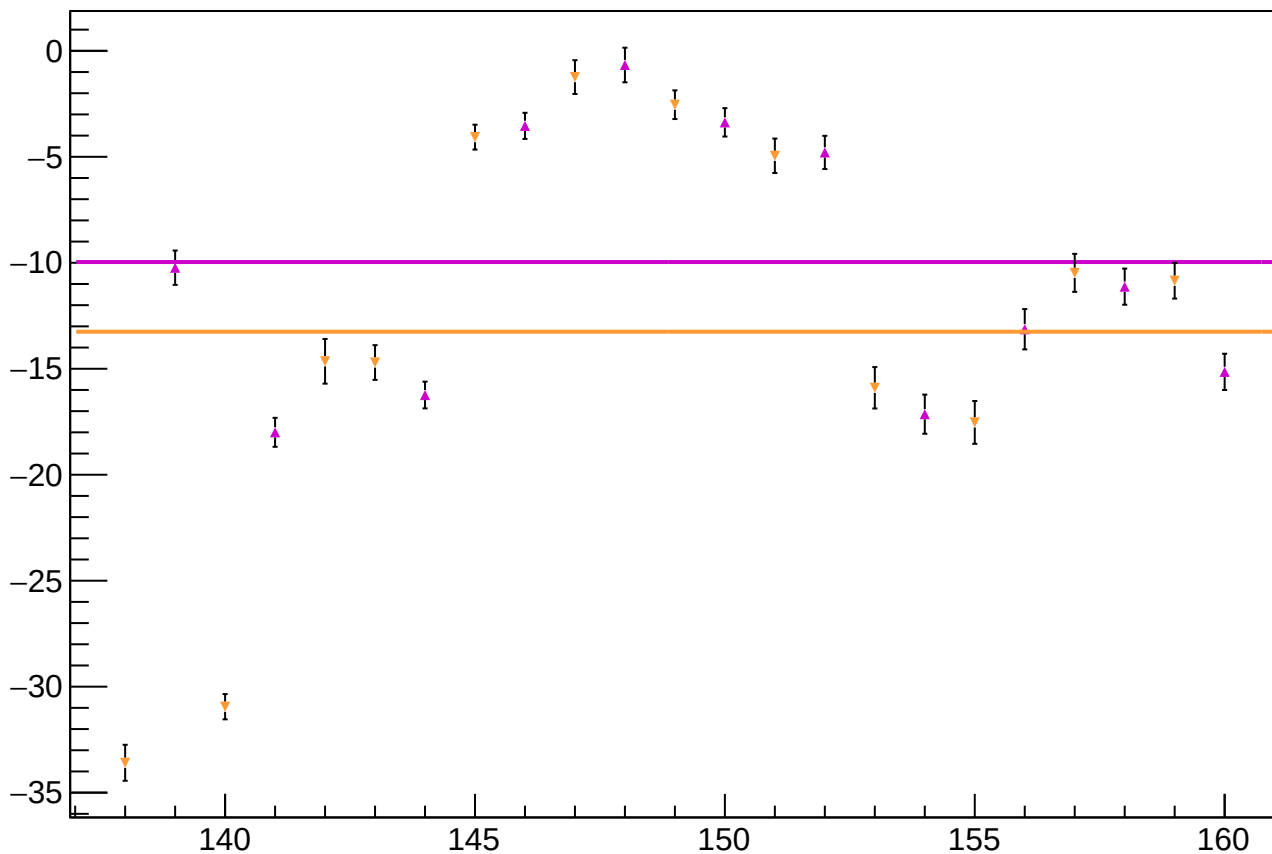
Right Out: 0.175 ± 0.013 χ^2/NDF : 967.7/18

Left In: 0.416 ± 0.006 χ^2/NDF : 1169.1/10

0.368 ± 0.006 χ^2/NDF : 1881.4/28

0.373 ± 0.006 χ^2/NDF : 2398.7/29

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: -13.252 $\pm$ 0.227 χ^2 /NDF:2329.4/11

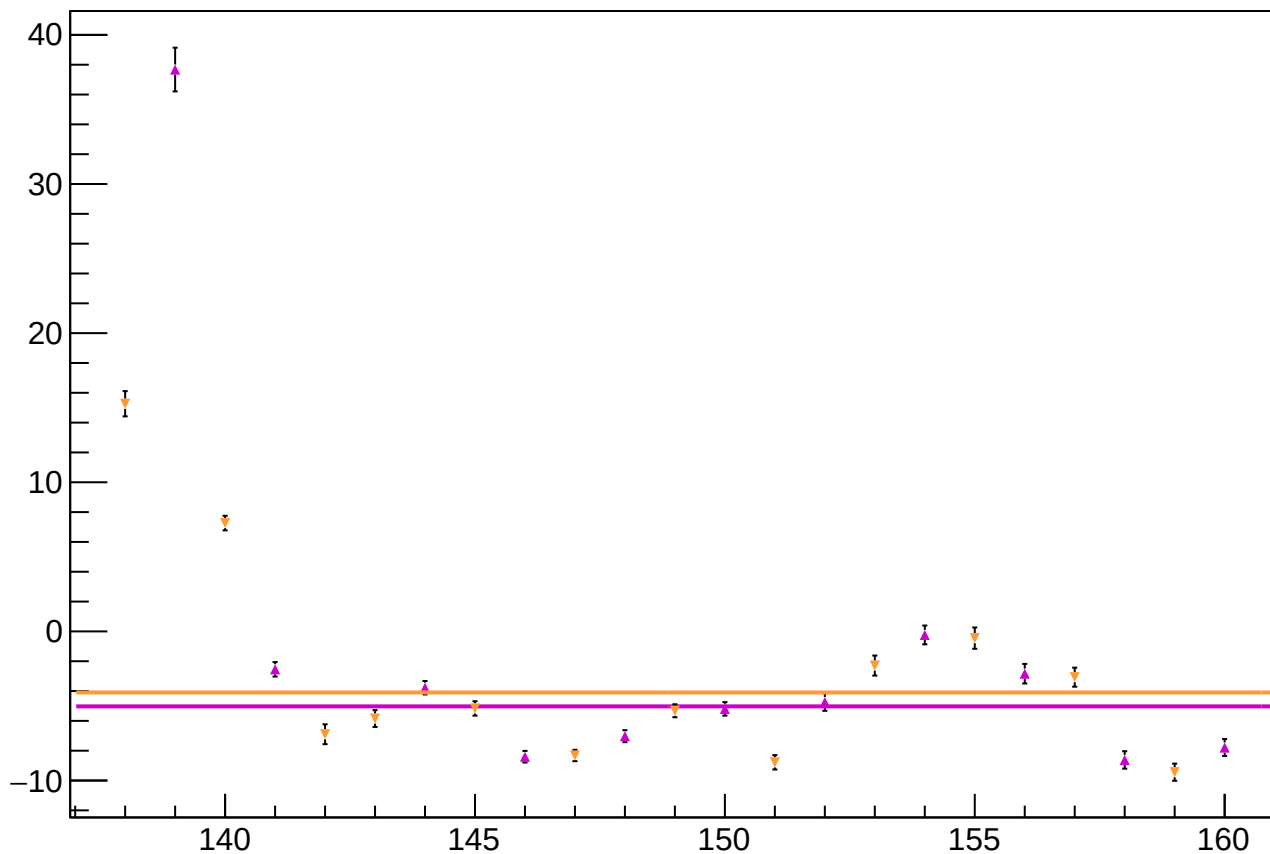
-13.252 $\pm$ 0.227 χ^2 /NDF: 2329.4/11

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

Left In: -9.965 $\pm$ 0.228 χ^2 /NDF:726.7/10

-9.965 $\pm$ 0.228 χ^2 /NDF: 726.7/10

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -4.095+/-0.155 χ^2/NDF :1442.1/11

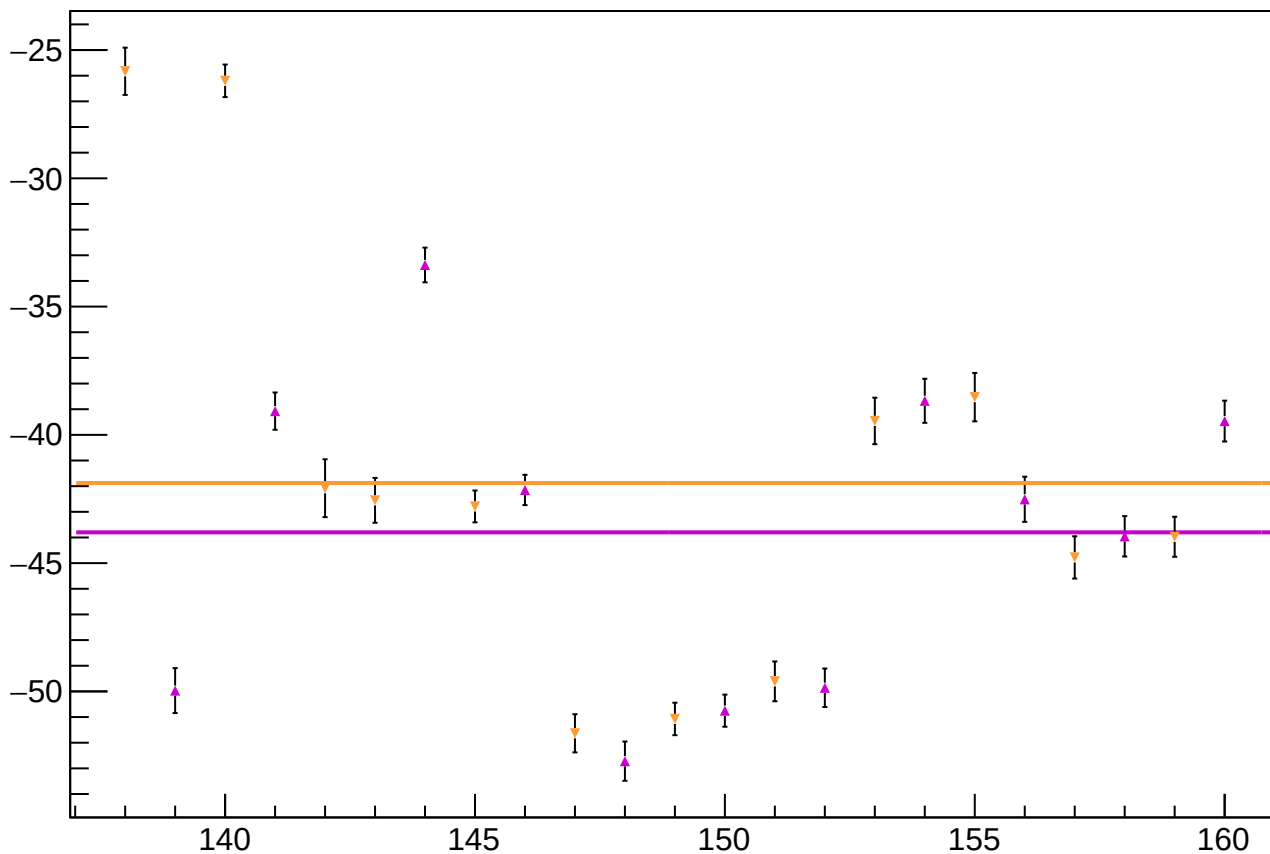
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.028+/-0.156 χ^2/NDF :1111.9/10

-4.095+/-0.155 χ^2/NDF : 1442.1/11

-5.028+/-0.156 χ^2/NDF : 1111.9/10

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.877+/-0.225 χ^2/NDF :1437.6/11

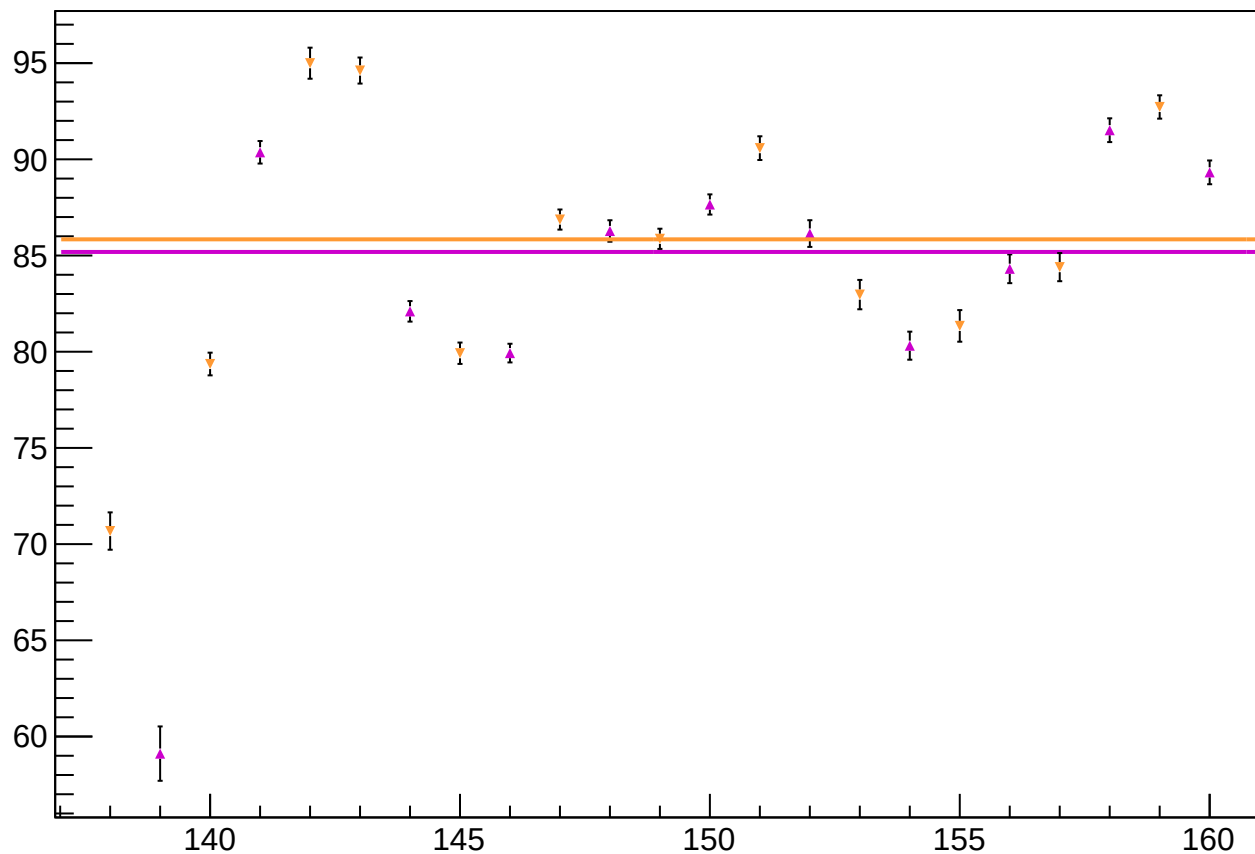
-41.877+/-0.225 χ^2/NDF : 1437.6/11

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

Left In: -43.800+/-0.223 χ^2/NDF :729.7/10

-43.800+/-0.223 χ^2/NDF : 729.7/10

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.841+/-0.187 χ^2/NDF : 1014.3/11

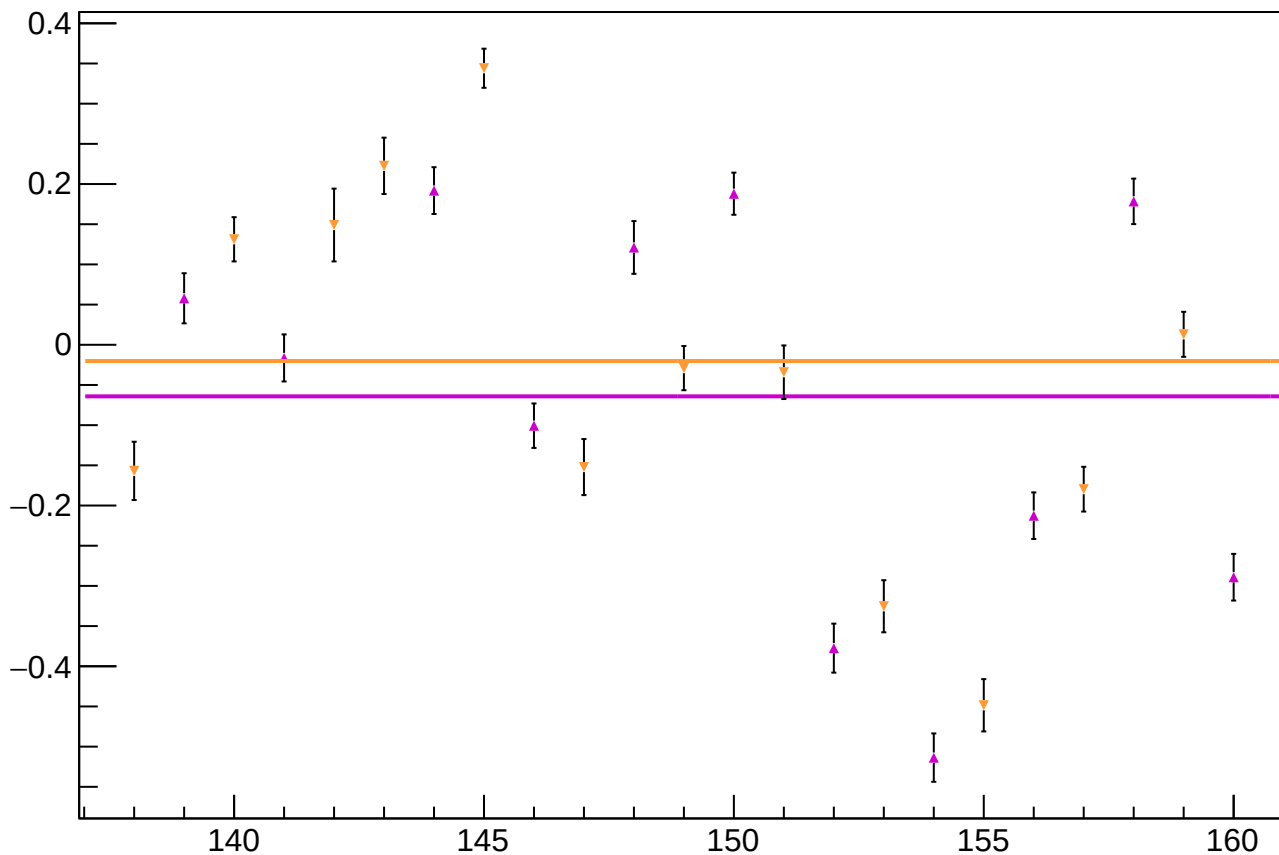
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 85.186+/-0.186 χ^2/NDF : 793.4/10

85.841+/-0.187 χ^2/NDF : 1014.3/11

85.186+/-0.186 χ^2/NDF : 793.4/10

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.020+/-0.009 χ^2/NDF : 641.2/11

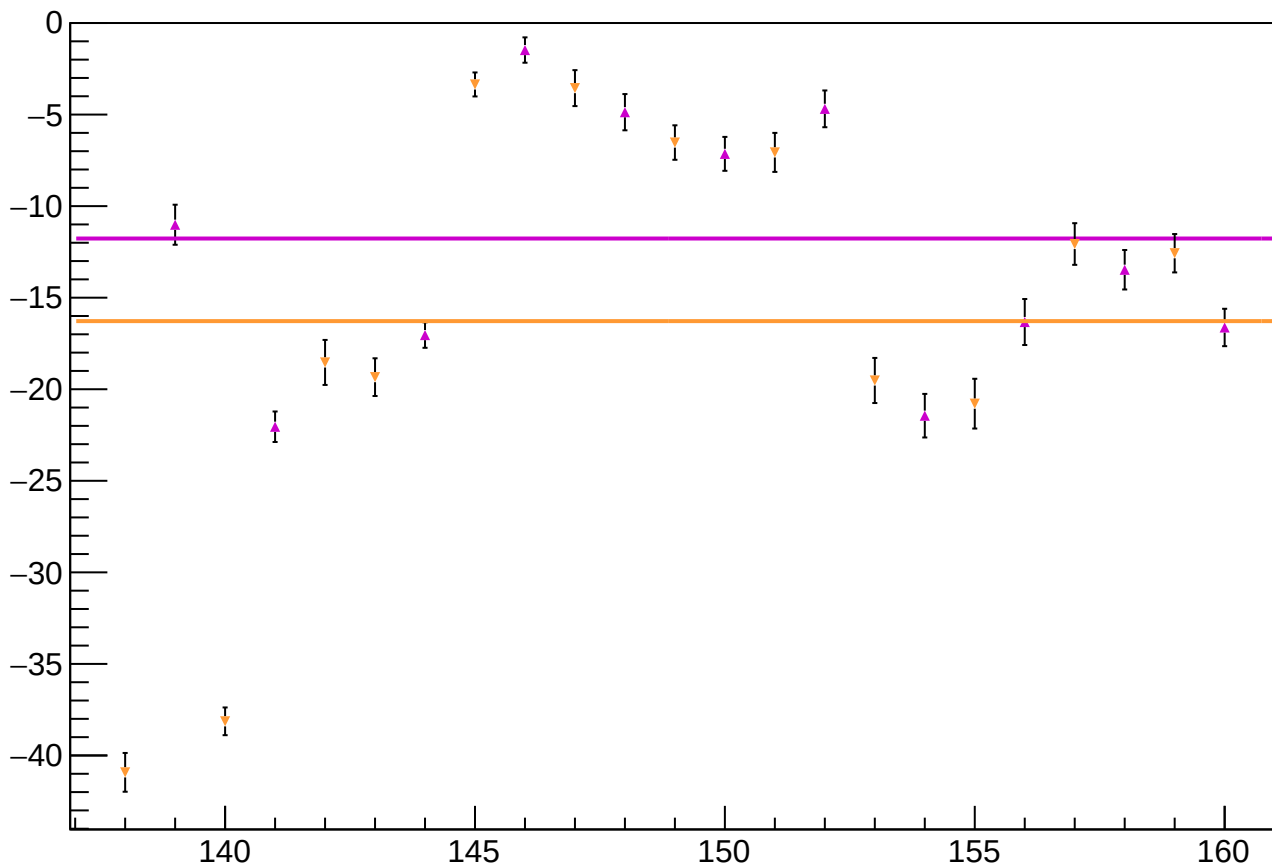
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.064+/-0.009 χ^2/NDF : 710.0/10

-0.020+/-0.009 χ^2/NDF : 641.2/11

-0.064+/-0.009 χ^2/NDF : 710.0/10

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.280 $\pm$ 0.283 χ^2 /NDF:2171.7/11

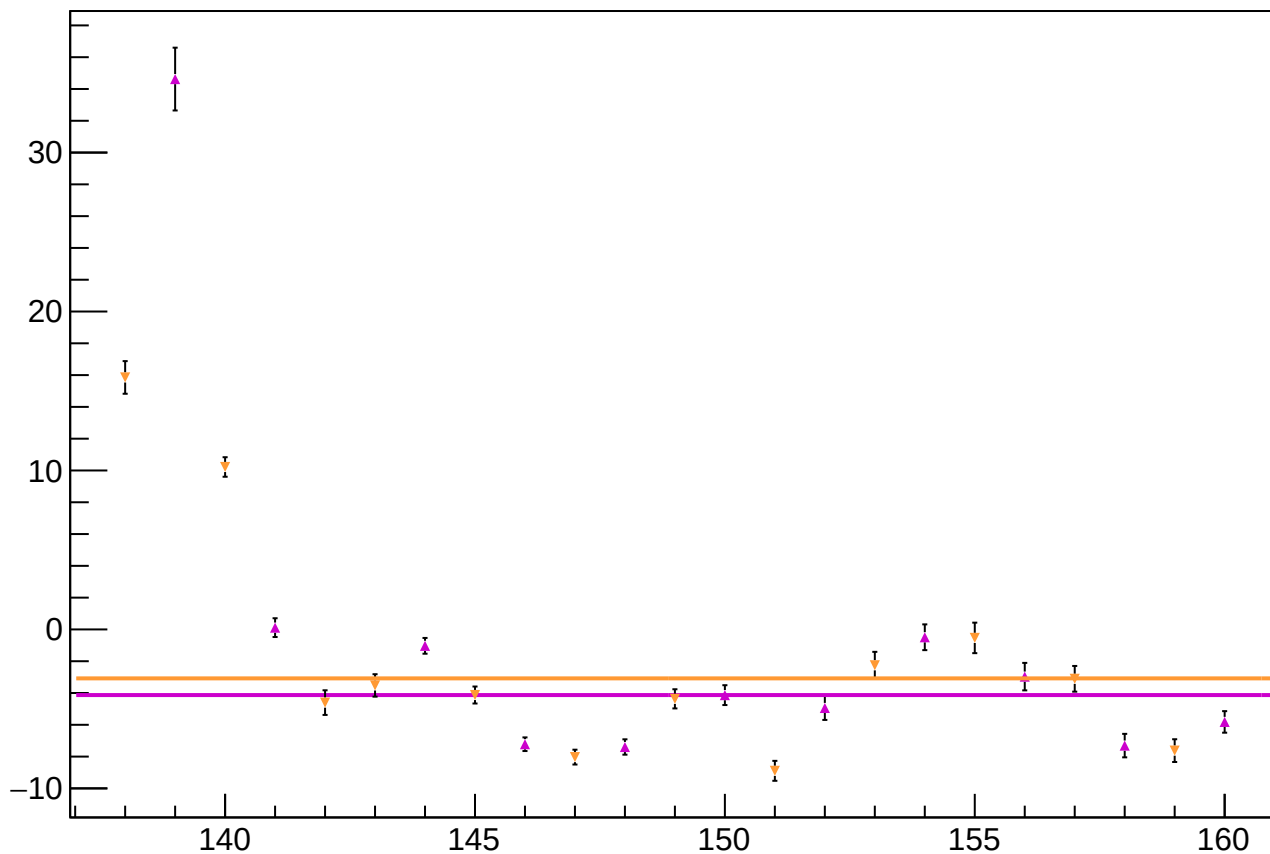
-16.280 $\pm$ 0.283 χ^2 /NDF: 2171.7/11

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

-11.769 $\pm$ 0.280 χ^2 /NDF: 659.0/10

Left In: -11.769 $\pm$ 0.280 χ^2 /NDF:659.0/10

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.080+/-0.194 χ^2/NDF : 1067.8/11

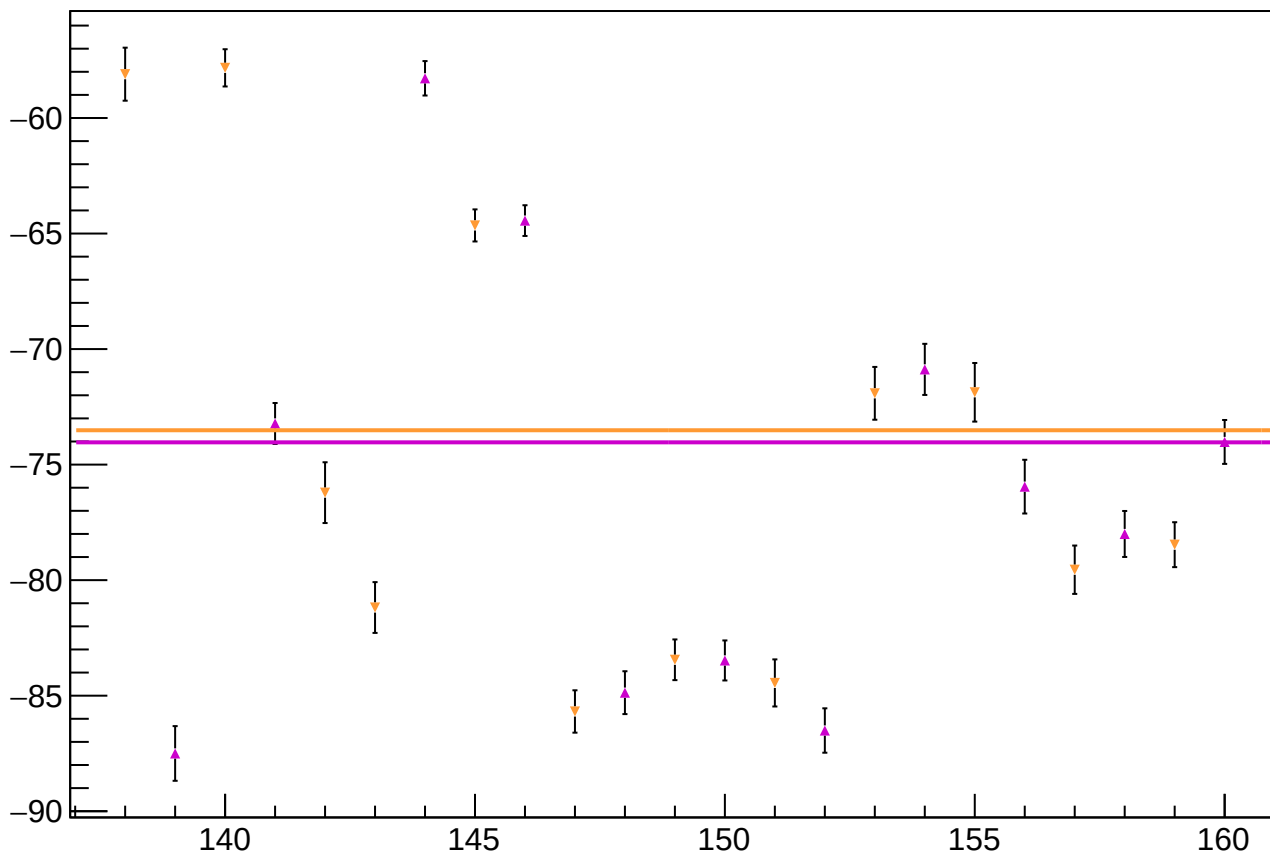
-3.080+/-0.194 χ^2/NDF : 1067.8/11

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

Left In: -4.129+/-0.189 χ^2/NDF : 621.0/10

-4.129+/-0.189 χ^2/NDF : 621.0/10

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -73.513+/-0.282 χ^2/NDF :1256.7/11

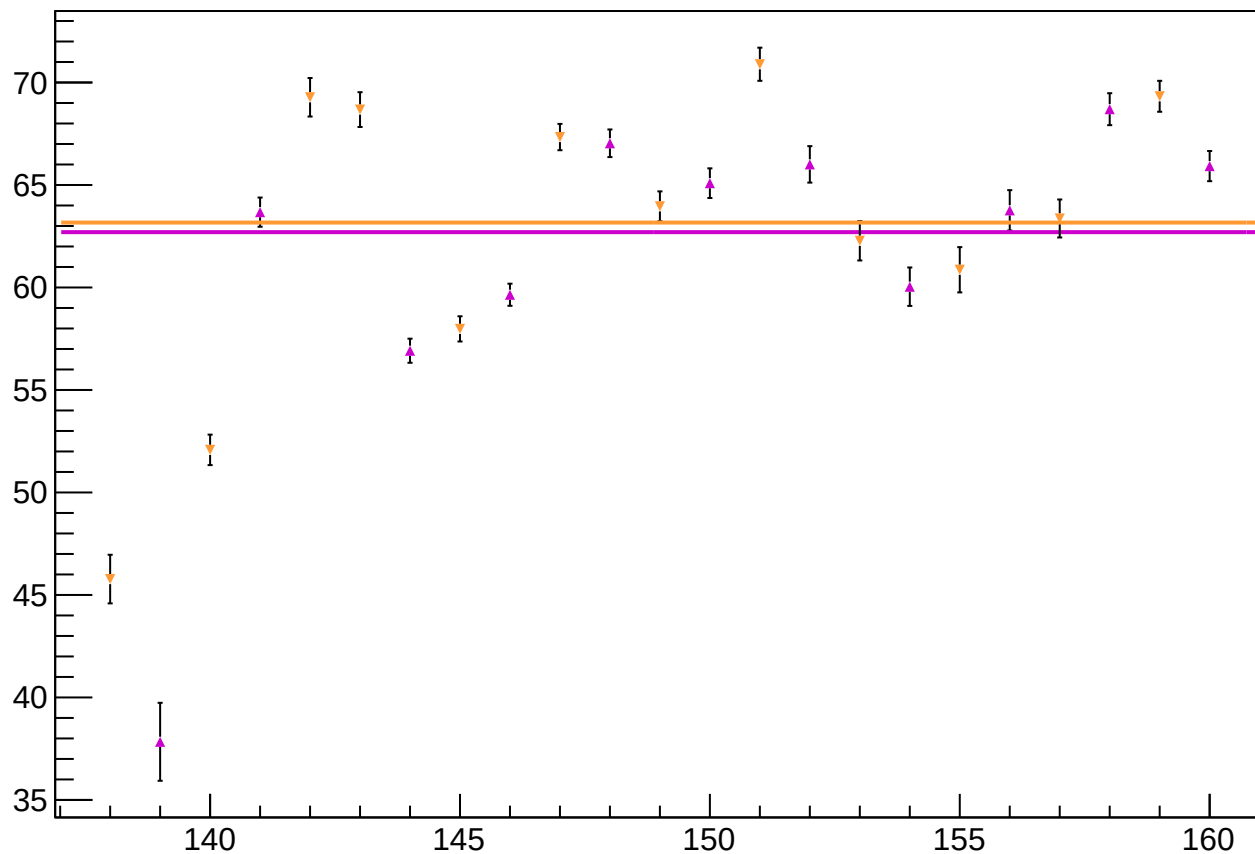
-73.513+/-0.282 χ^2/NDF : 1256.7/11

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

Left In: -74.036+/-0.274 χ^2/NDF :1236.4/10

-74.036+/-0.274 χ^2/NDF : 1236.4/10

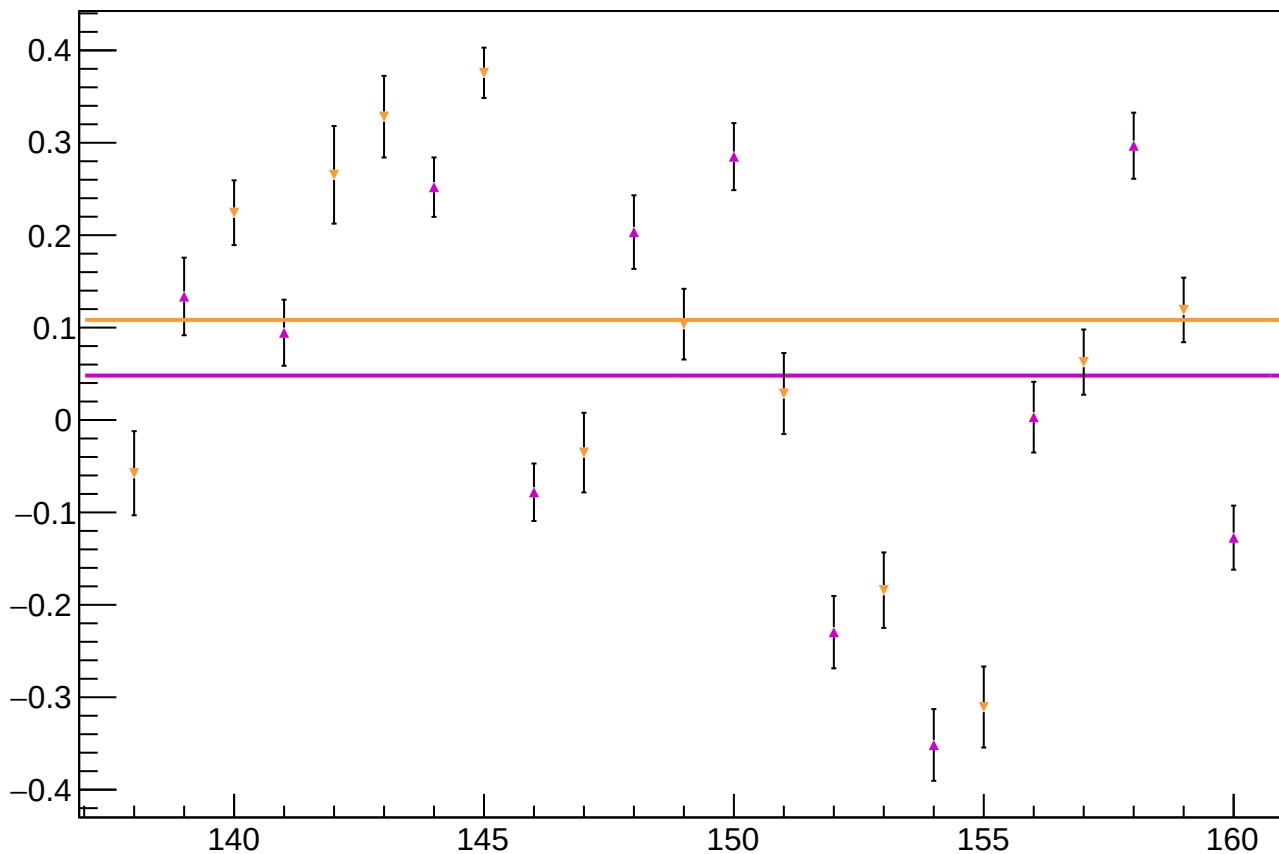
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 63.167 $\pm$ 0.233 χ^2 /NDF:800.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 62.699 $\pm$ 0.226 χ^2 /NDF:455.2/10

63.167 $\pm$ 0.233 χ^2 /NDF: 800.0/11
 62.699 $\pm$ 0.226 χ^2 /NDF: 455.2/10

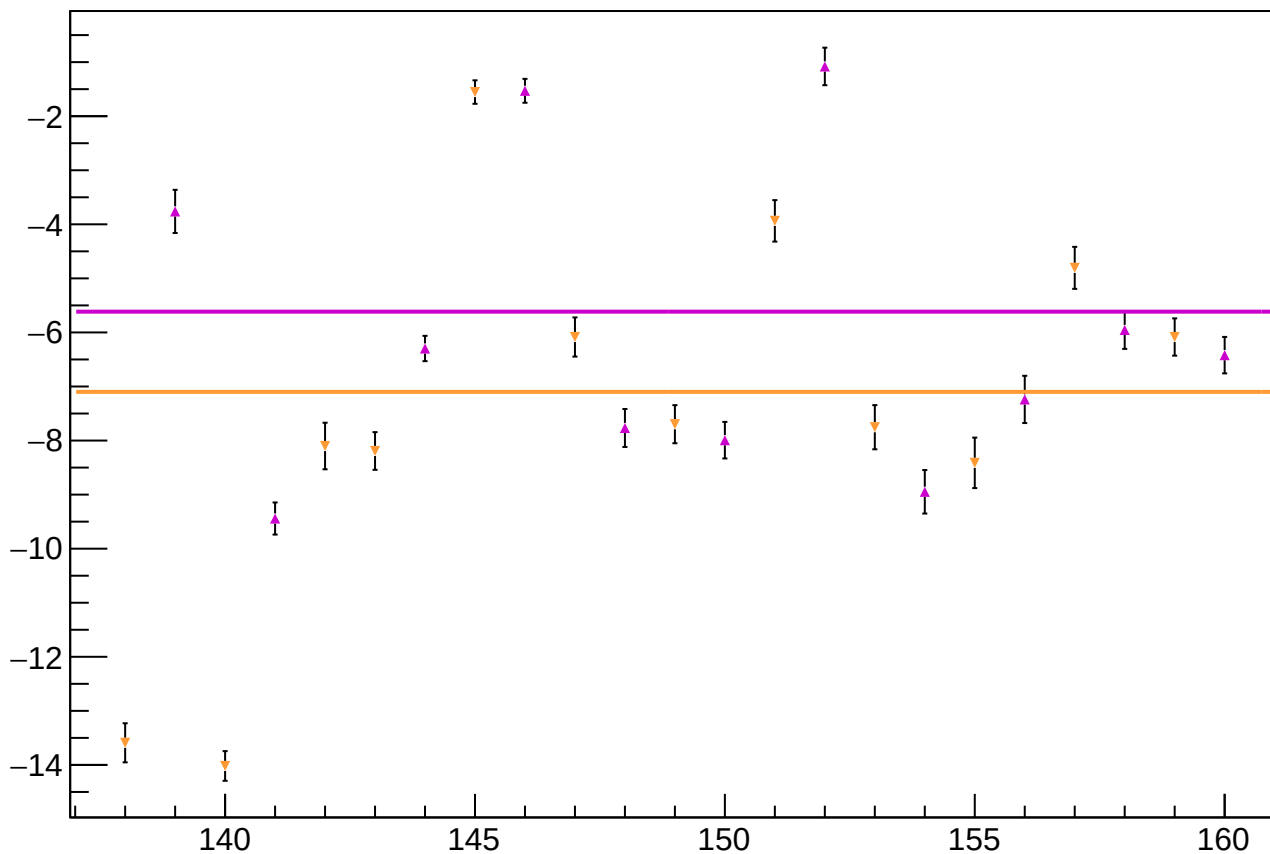
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.108 $\pm$ 0.011 χ^2 /NDF:312.9/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.048 $\pm$ 0.011 χ^2 /NDF:352.3/10

0.108 $\pm$ 0.011 χ^2 /NDF: 312.9/11
 0.048 $\pm$ 0.011 χ^2 /NDF: 352.3/10

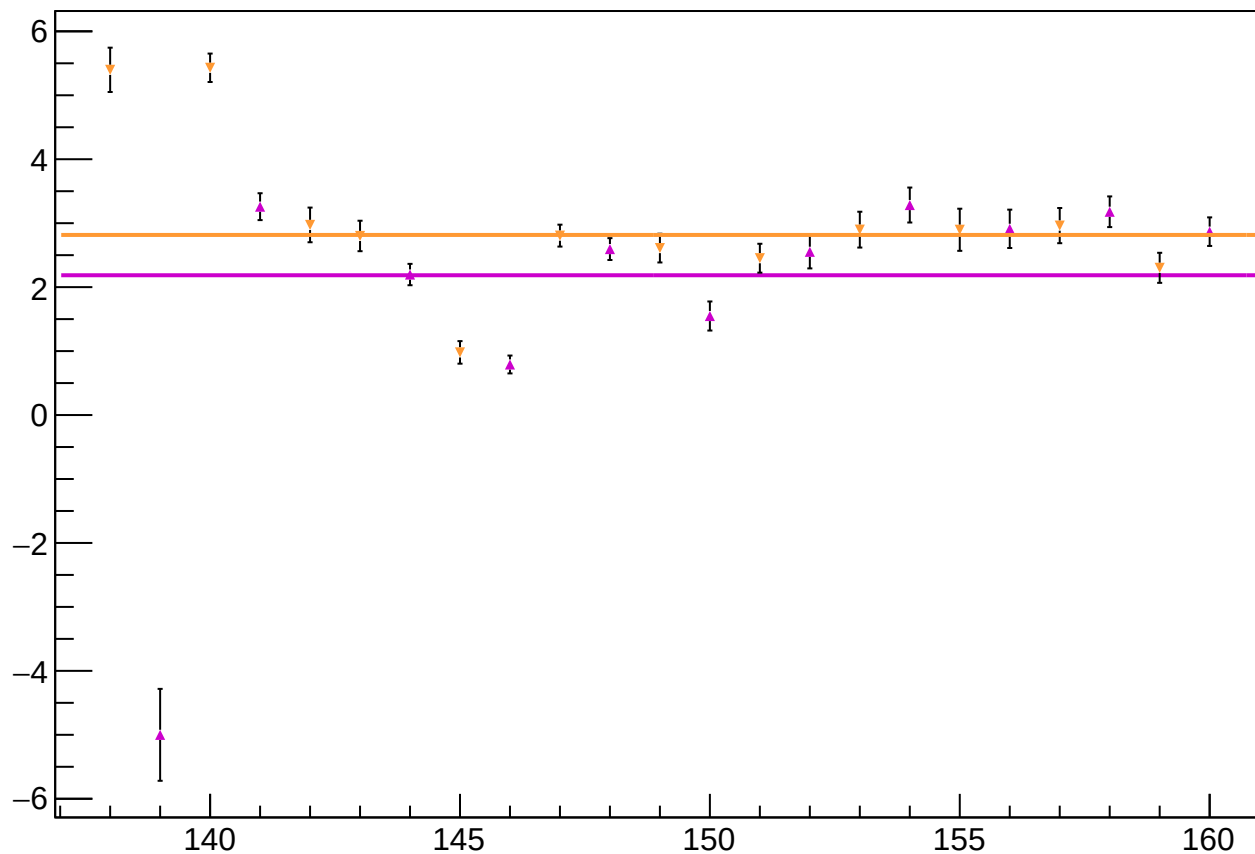
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.099 $\pm$ 0.098 χ^2 /NDF:1758.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.616 $\pm$ 0.095 χ^2 /NDF:885.1/10

-7.099 $\pm$ 0.098 χ^2 /NDF: 1758.4/11
 -5.616 $\pm$ 0.095 χ^2 /NDF: 885.1/10

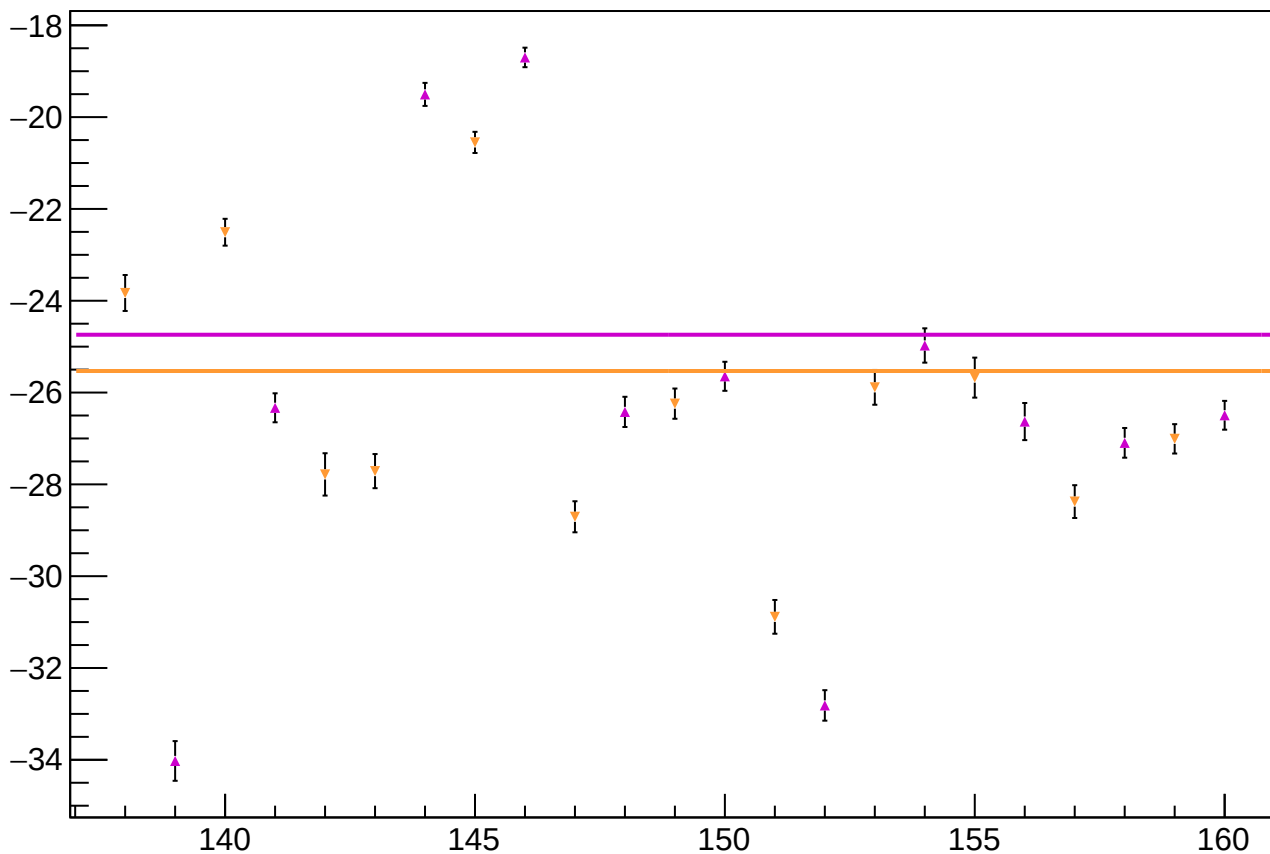
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.816+/-0.068 χ^2/NDF :311.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.186+/-0.064 χ^2/NDF :290.0/10

2.816+/-0.068 χ^2/NDF : 311.2/11
 2.186+/-0.064 χ^2/NDF : 290.0/10

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.530+/-0.098 χ^2/NDF : 1042.1/11

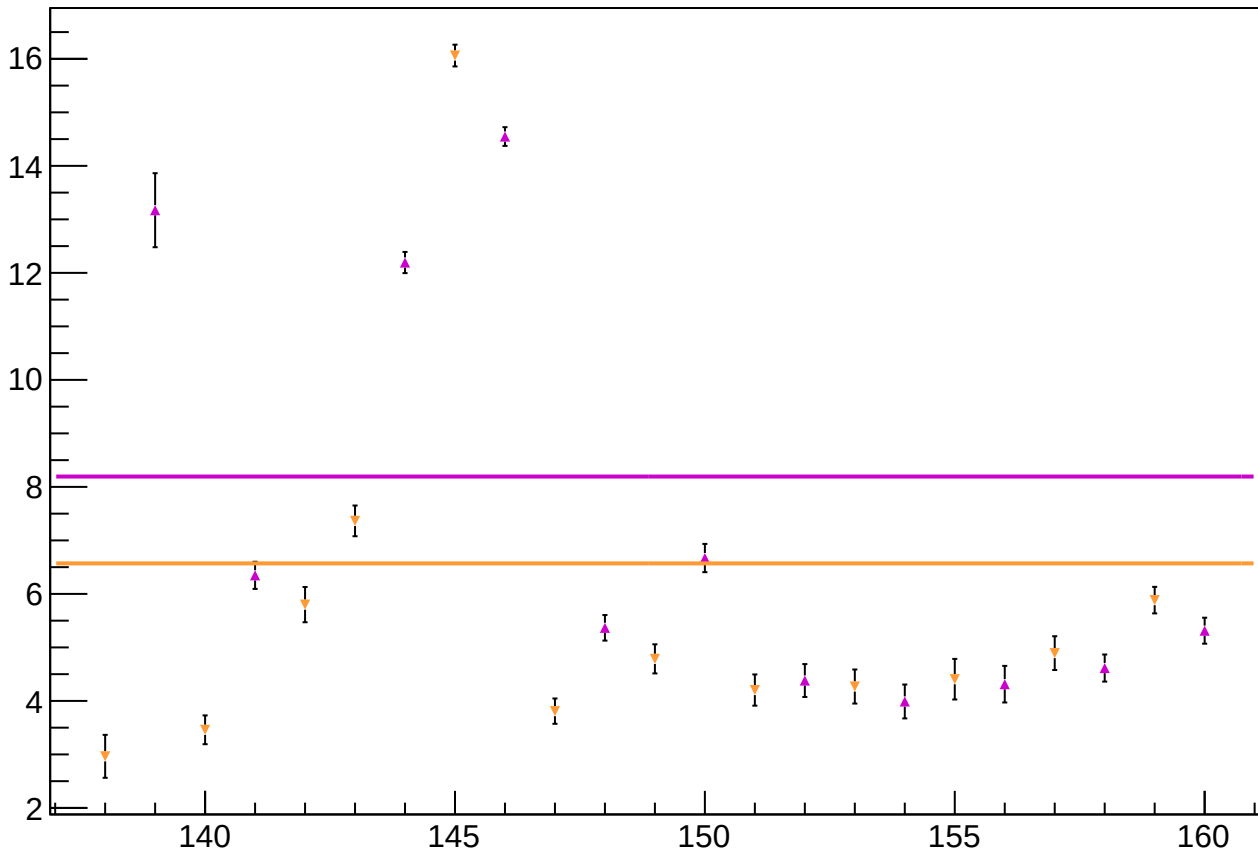
-25.530+/-0.098 χ^2/NDF : 1042.1/11

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

-24.740+/-0.093 χ^2/NDF : 2462.0/10

Left In: -24.740+/-0.093 χ^2/NDF : 2462.0/10

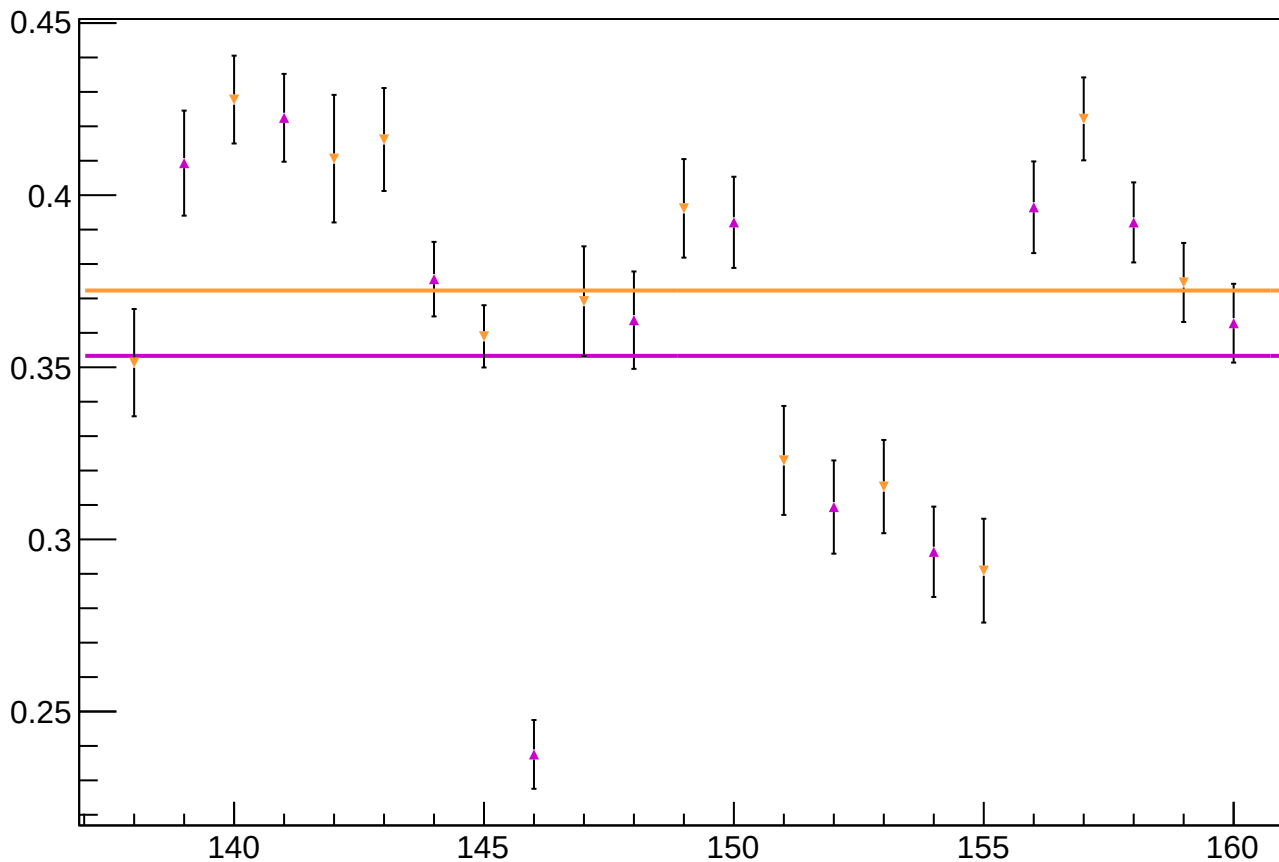
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.571+/-0.081 χ^2/NDF : 2774.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.194+/-0.077 χ^2/NDF : 2806.0/10

6.571+/-0.081 χ^2/NDF : 2774.9/11
 8.194+/-0.077 χ^2/NDF : 2806.0/10

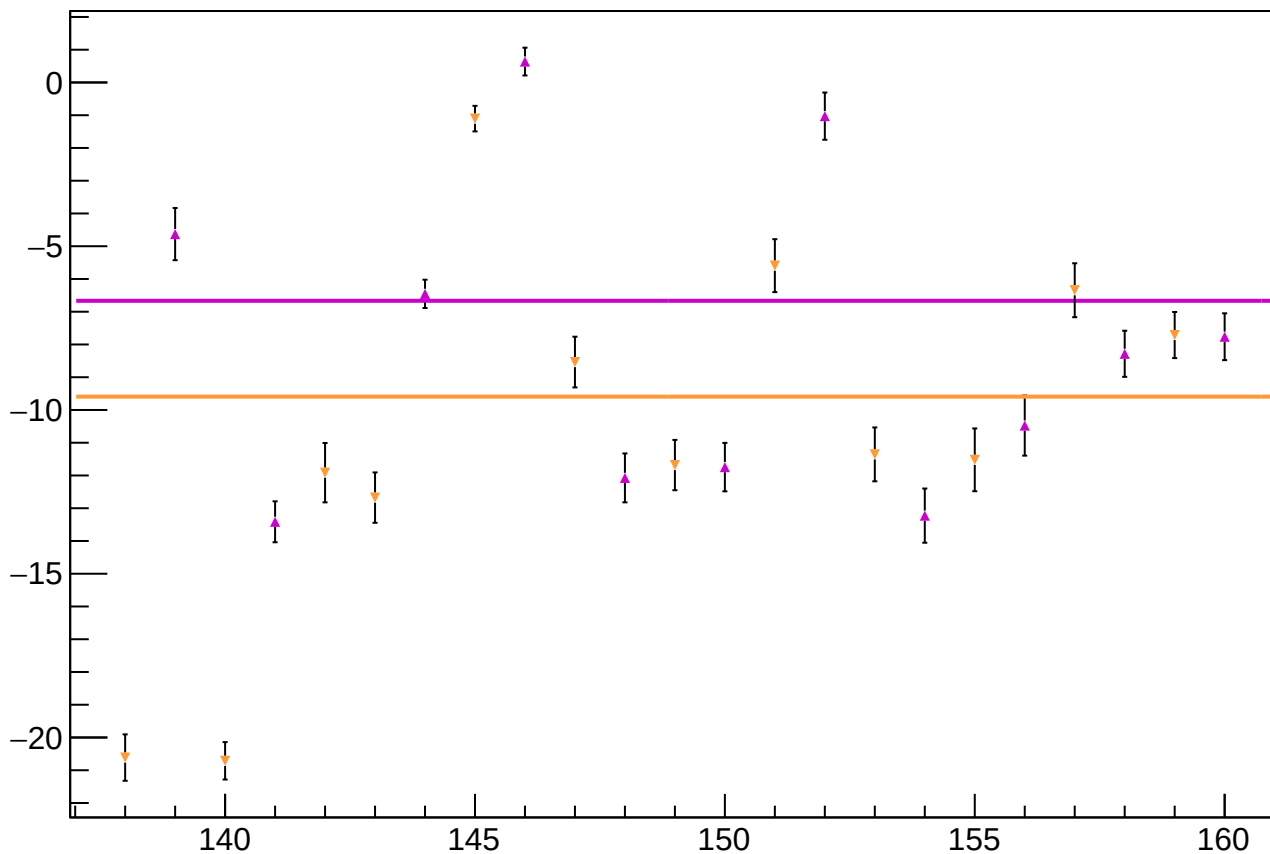
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:112.3/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.353 $\pm$ 0.004 χ^2 /NDF:242.2/10

0.372 $\pm$ 0.004 χ^2 /NDF: 112.3/11
 0.353 $\pm$ 0.004 χ^2 /NDF: 242.2/10

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug

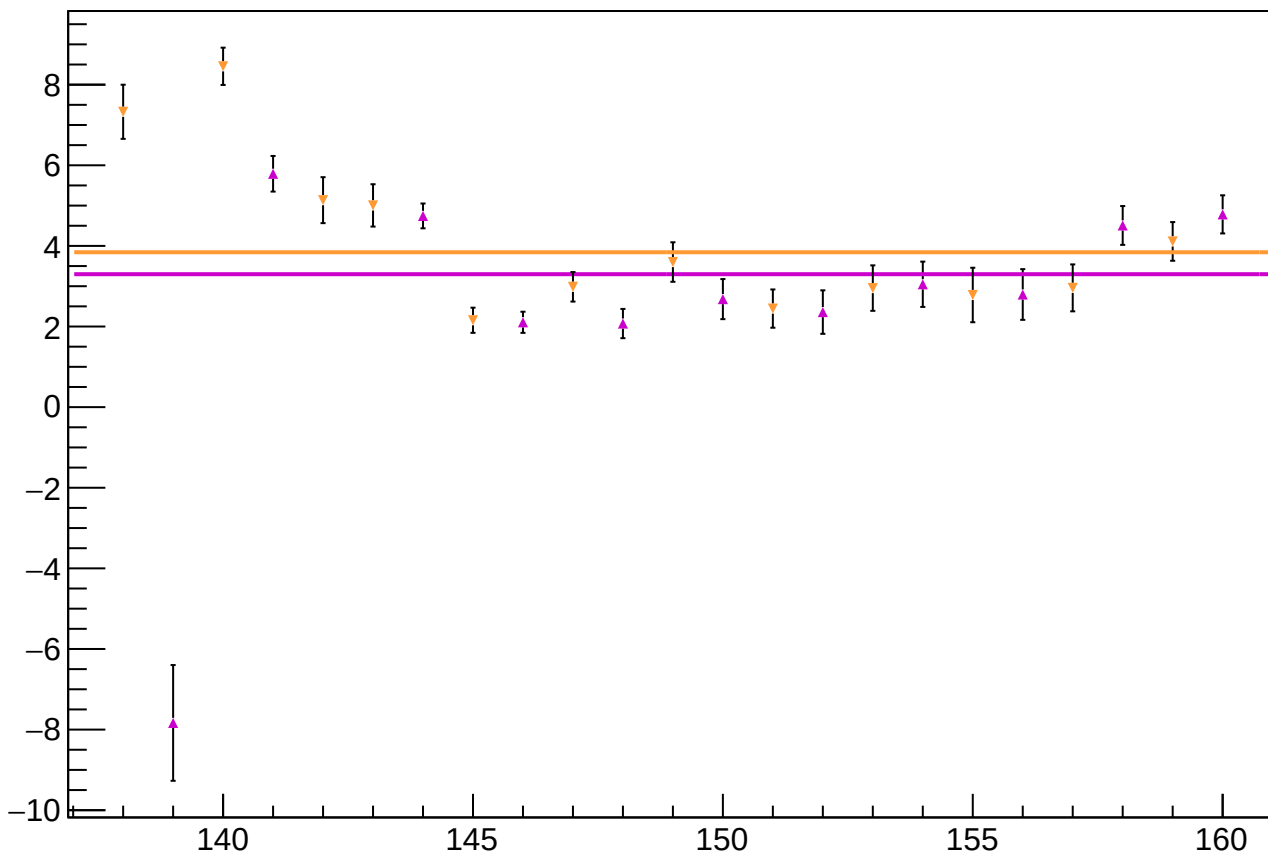


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.593+/-0.198 χ^2/NDF : 1181.8/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.666+/-0.192 χ^2/NDF : 668.3/10

-9.593+/-0.198 χ^2/NDF : 1181.8/11

-6.666+/-0.192 χ^2/NDF : 668.3/10

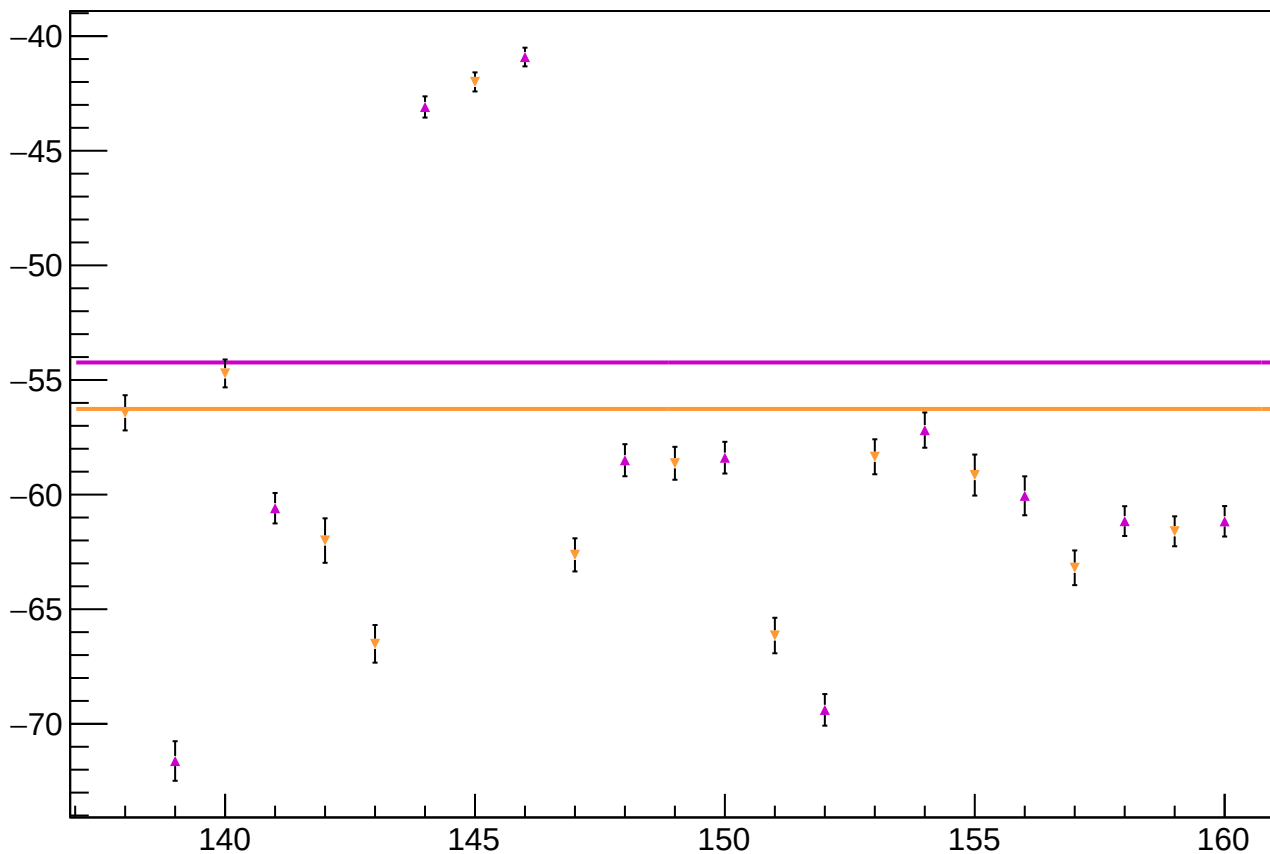
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.843+/-0.138 χ^2/NDF :187.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.298+/-0.129 χ^2/NDF :167.7/10

3.843+/-0.138 χ^2/NDF : 187.7/11
 3.298+/-0.129 χ^2/NDF : 167.7/10

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -56.262+/-0.199 χ^2/NDF :1793.6/11

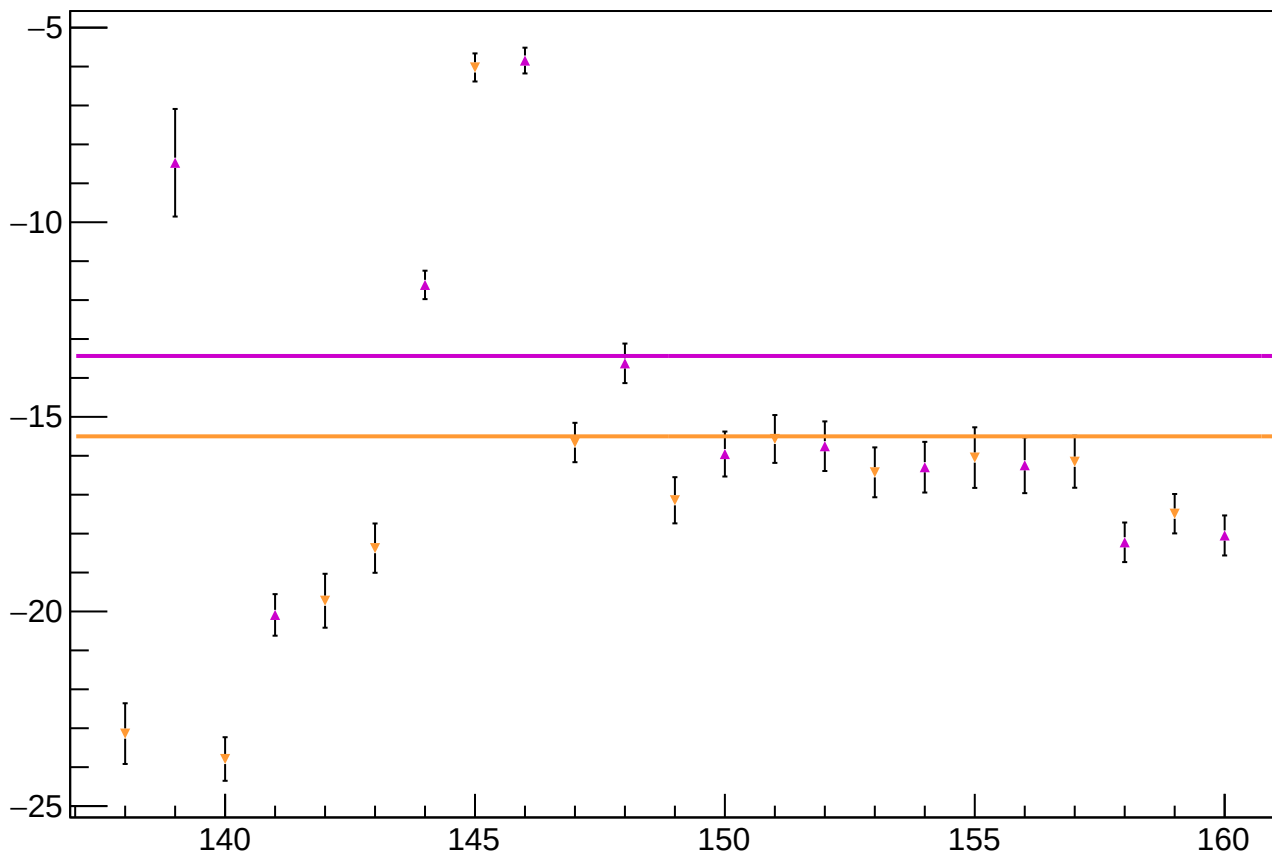
-56.262+/-0.199 χ^2/NDF : 1793.6/11

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

Left In: -54.236+/-0.188 χ^2/NDF :2983.7/10

-54.236+/-0.188 χ^2/NDF : 2983.7/10

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.501+/-0.165 χ^2/NDF : 1089.3/11

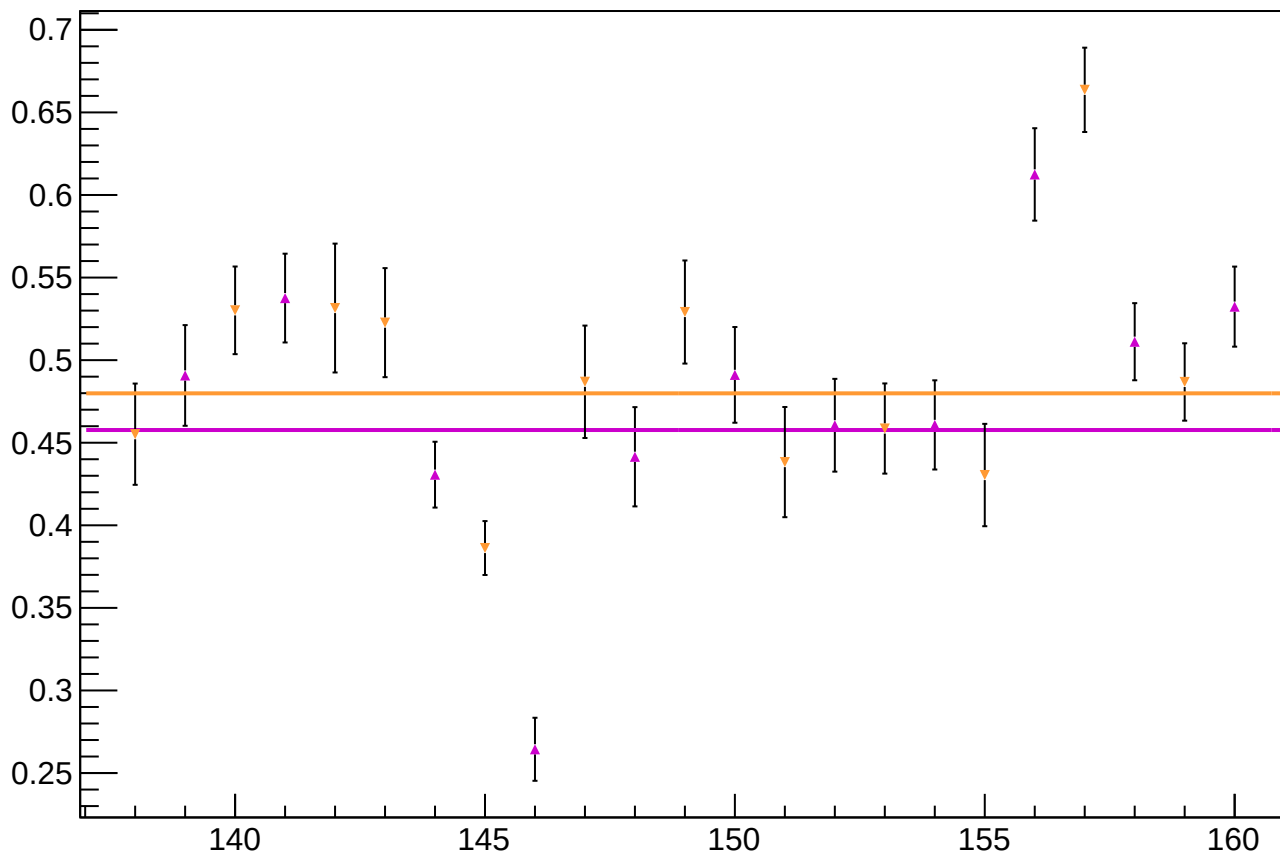
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.435+/-0.154 χ^2/NDF : 954.5/10

-15.501+/-0.165 χ^2/NDF : 1089.3/11

-13.435+/-0.154 χ^2/NDF : 954.5/10

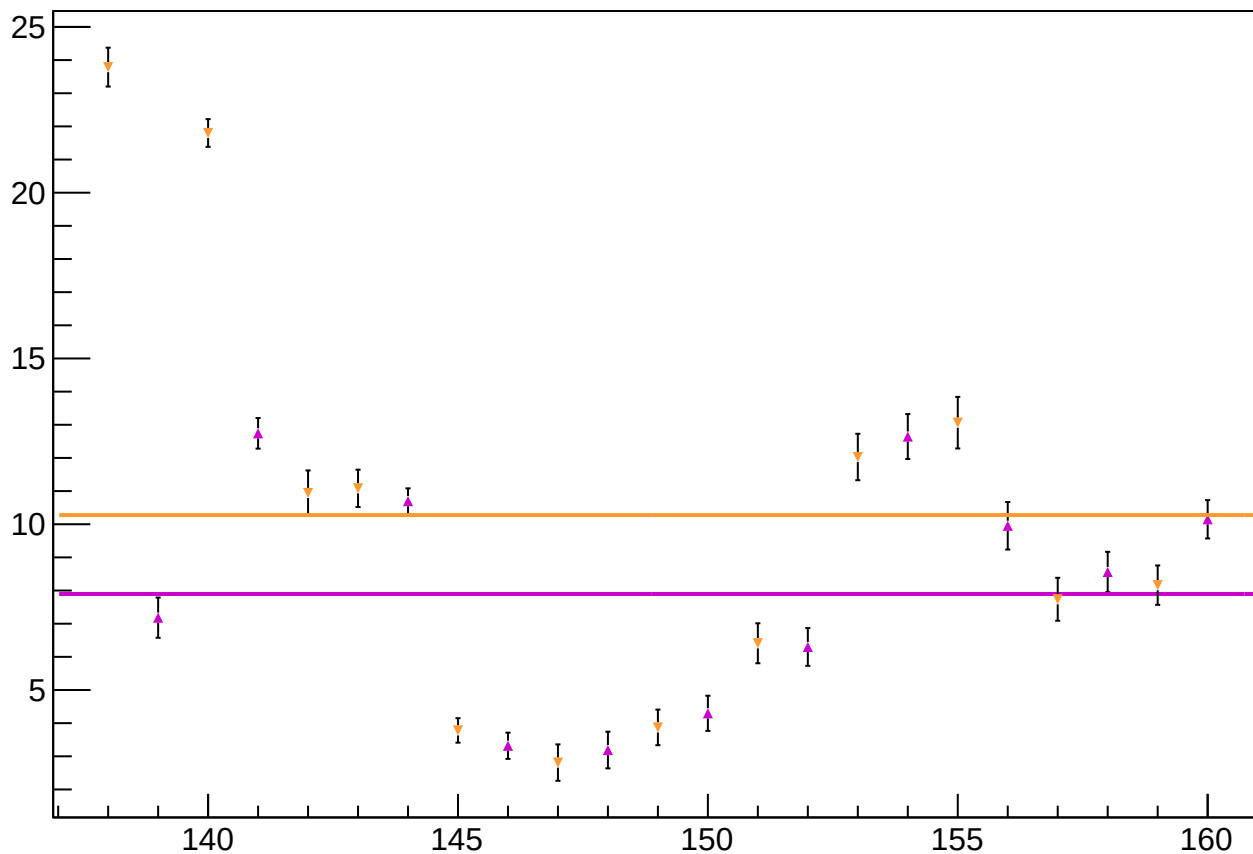
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.480+/-0.008 χ^2/NDF : 99.8/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.458+/-0.008 χ^2/NDF : 161.4/10

0.480+/-0.008 χ^2/NDF : 99.8/11
 0.458+/-0.008 χ^2/NDF : 161.4/10

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: 10.277+/-0.159 χ^2/NDF : 2017.0/11

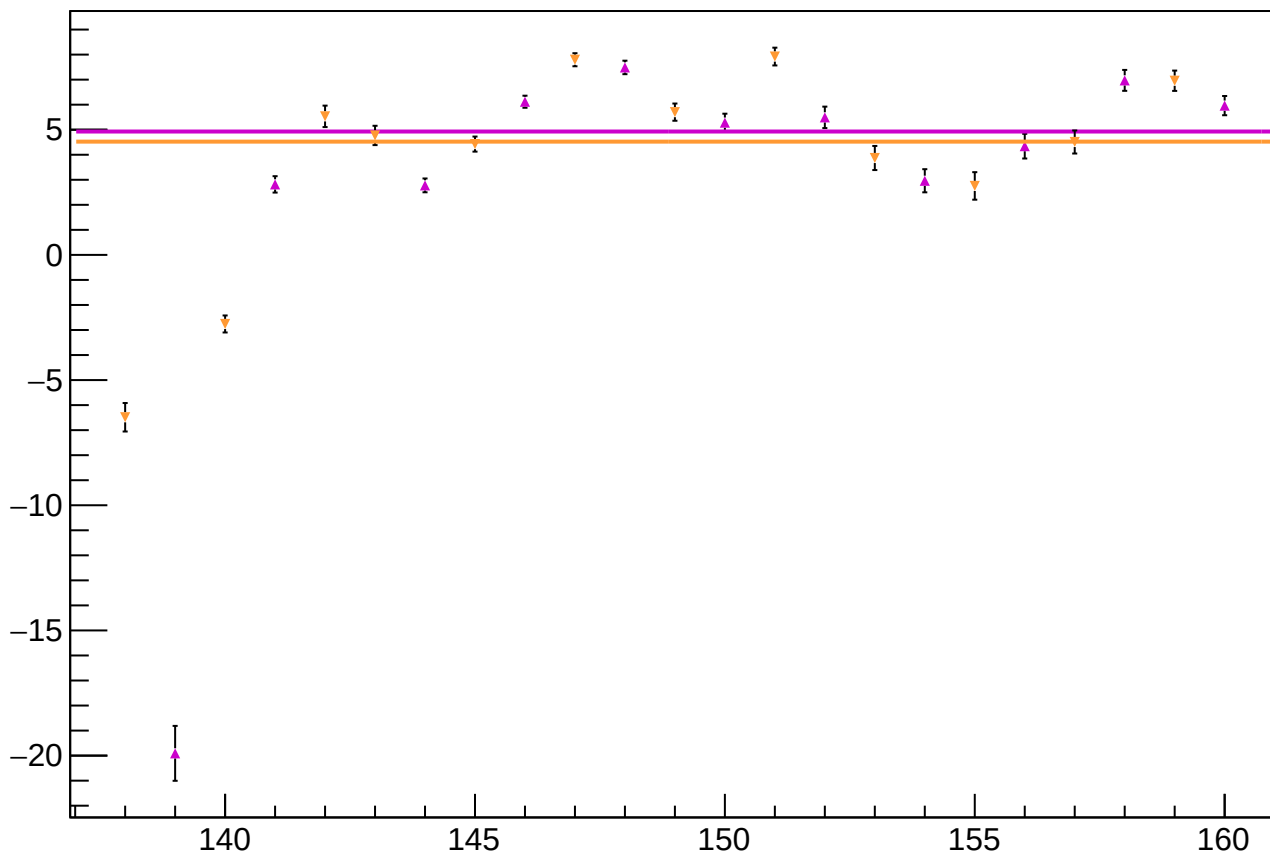
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.896+/-0.158 χ^2/NDF : 498.2/10

10.277+/-0.159 χ^2/NDF : 2017.0/11

7.896+/-0.158 χ^2/NDF : 498.2/10

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: 4.524 $\pm$ 0.109 χ^2 /NDF:1149.2/11

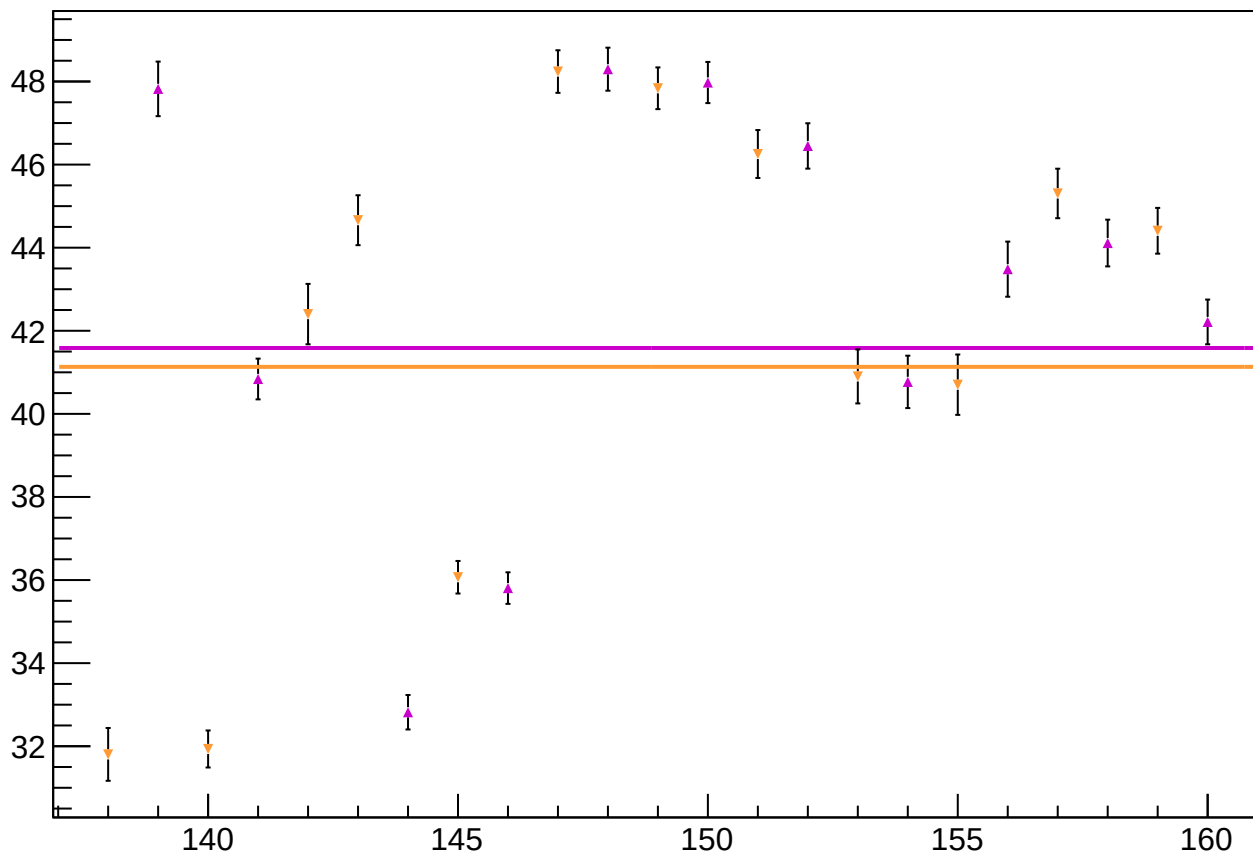
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 4.928 $\pm$ 0.106 χ^2 /NDF:783.7/10

4.524 $\pm$ 0.109 χ^2 /NDF: 1149.2/11

4.928 $\pm$ 0.106 χ^2 /NDF: 783.7/10

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 41.132+/-0.158 χ^2/NDF :1380.6/11

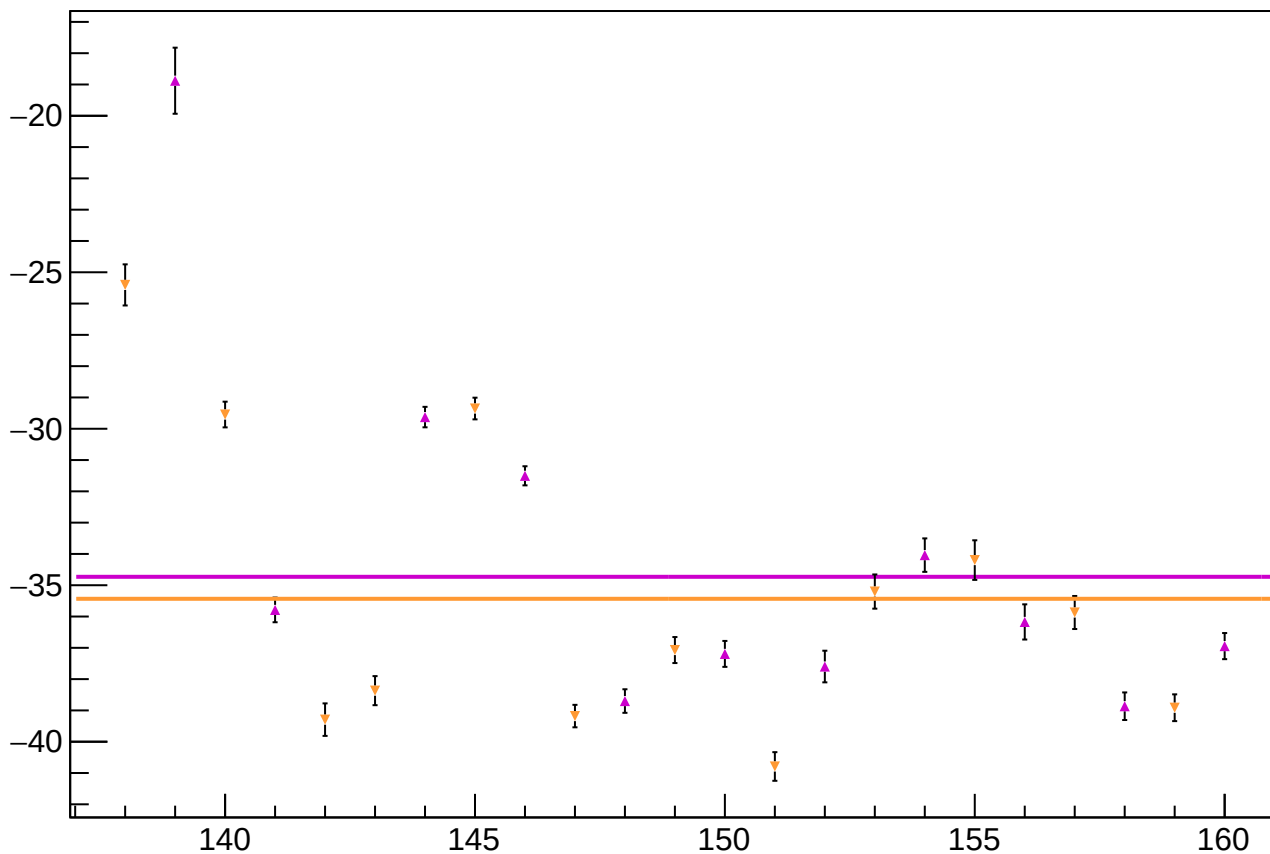
41.132+/-0.158 χ^2/NDF : 1380.6/11

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

Left In: 41.586+/-0.155 χ^2/NDF :1216.4/10

41.586+/-0.155 χ^2/NDF : 1216.4/10

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: -35.433+/-0.131 χ^2/NDF : 1174.4/11

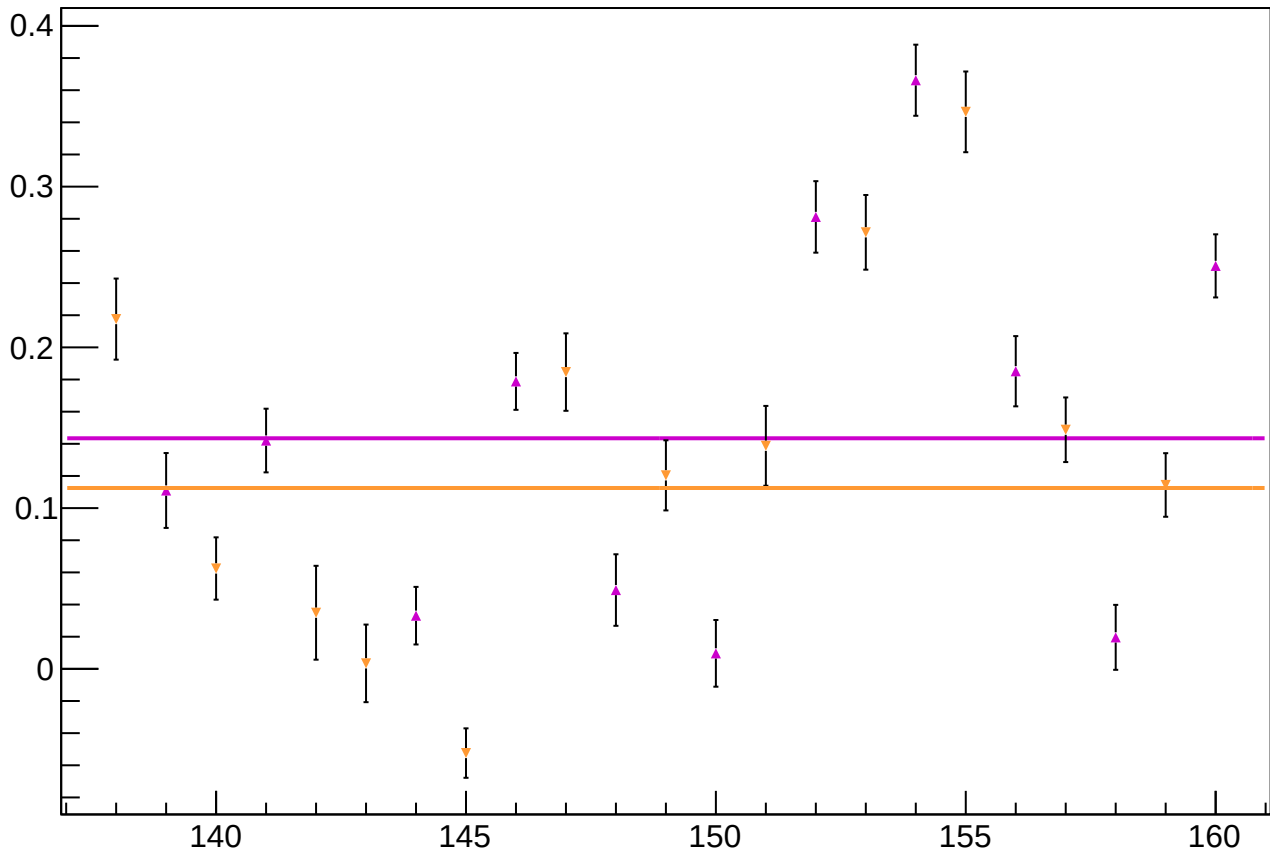
-35.433+/-0.131 χ^2/NDF : 1174.4/11

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

-34.731+/-0.127 χ^2/NDF : 891.2/10

Left In: -34.731+/-0.127 χ^2/NDF : 891.2/10

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug

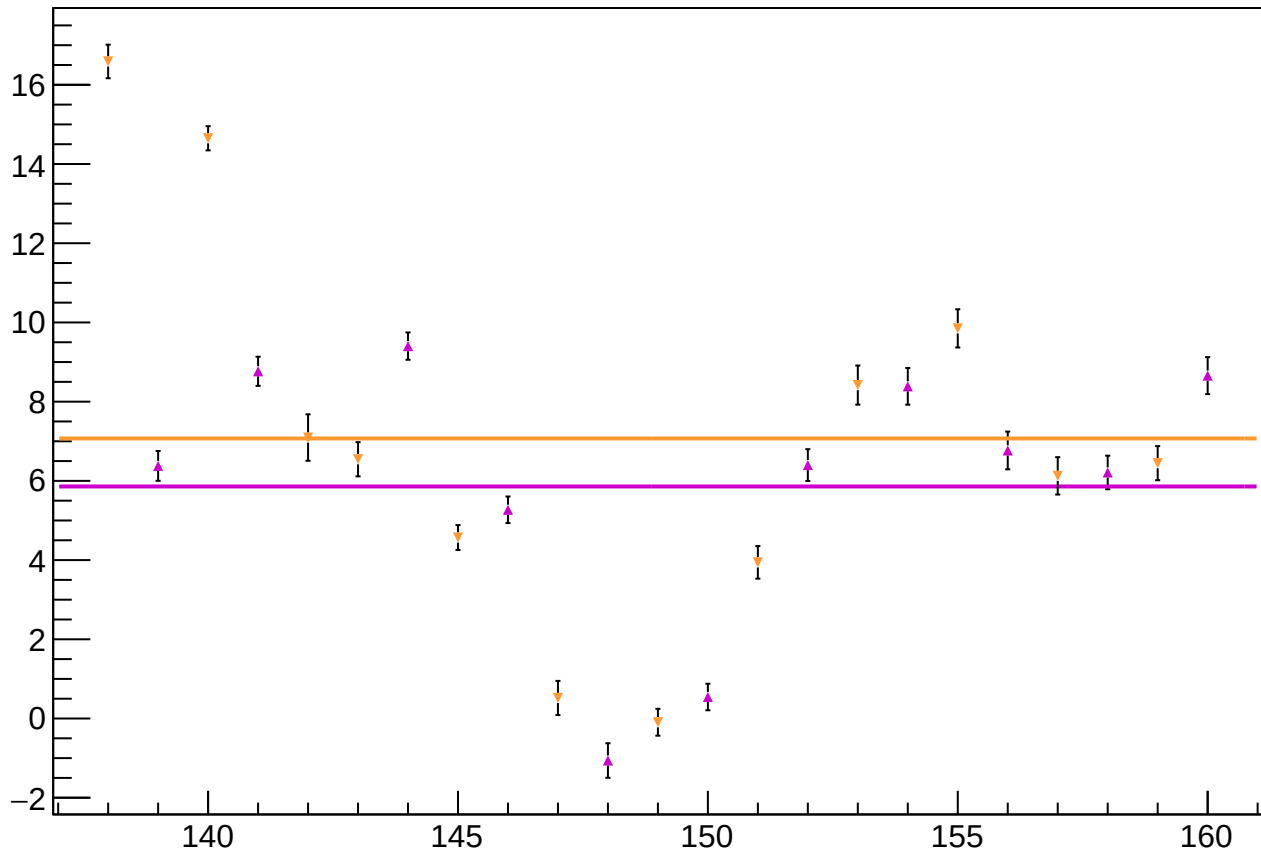


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.113+/-0.006 χ^2/NDF : 313.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.143+/-0.006 χ^2/NDF : 314.3/10

0.113+/-0.006 χ^2/NDF : 313.7/11

0.143+/-0.006 χ^2/NDF : 314.3/10

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: 7.071 $\pm$ 0.117 χ^2 /NDF:1968.3/11

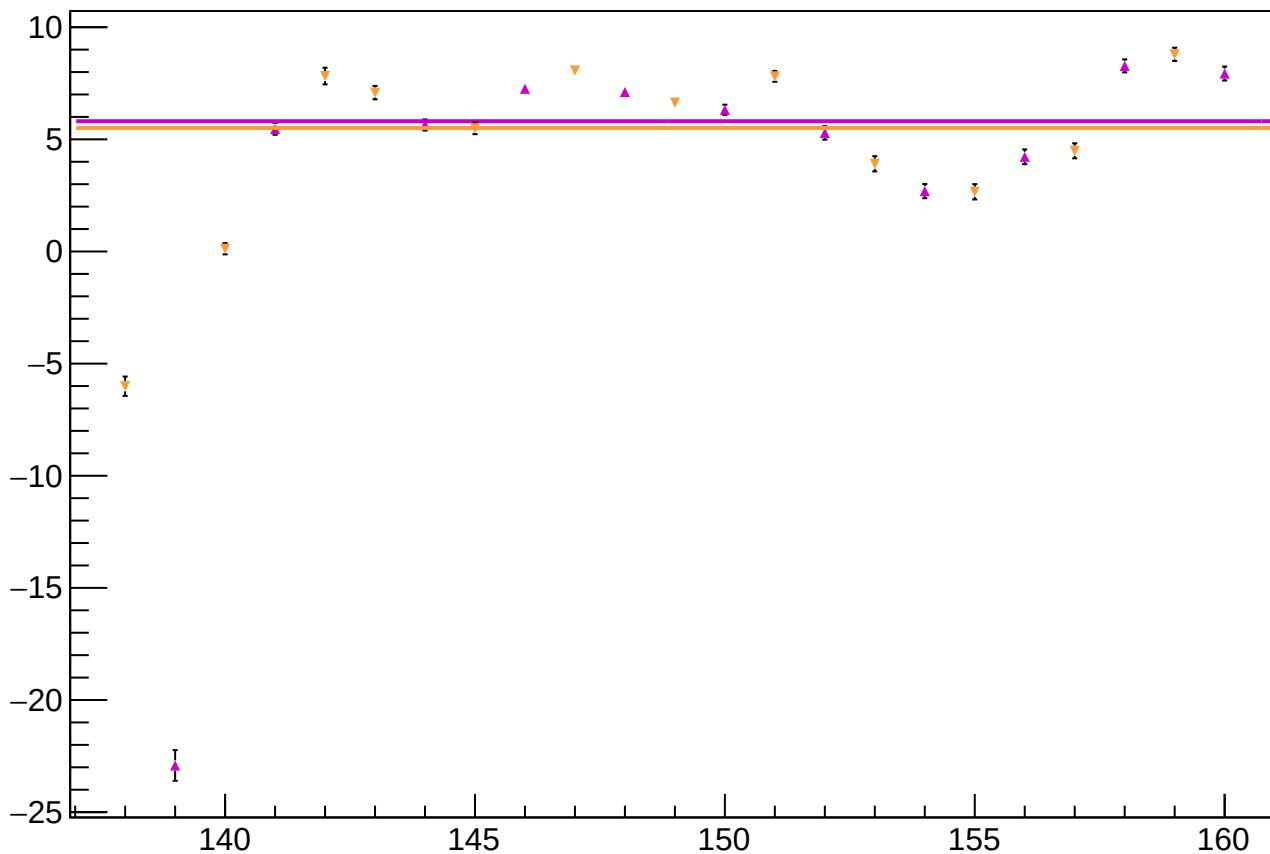
7.071 $\pm$ 0.117 χ^2 /NDF: 1968.3/11

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

Left In: 5.859 $\pm$ 0.118 χ^2 /NDF:747.5/10

5.859 $\pm$ 0.118 χ^2 /NDF: 747.5/10

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: 5.509 $\pm$ 0.081 χ^2 /NDF:1725.7/11

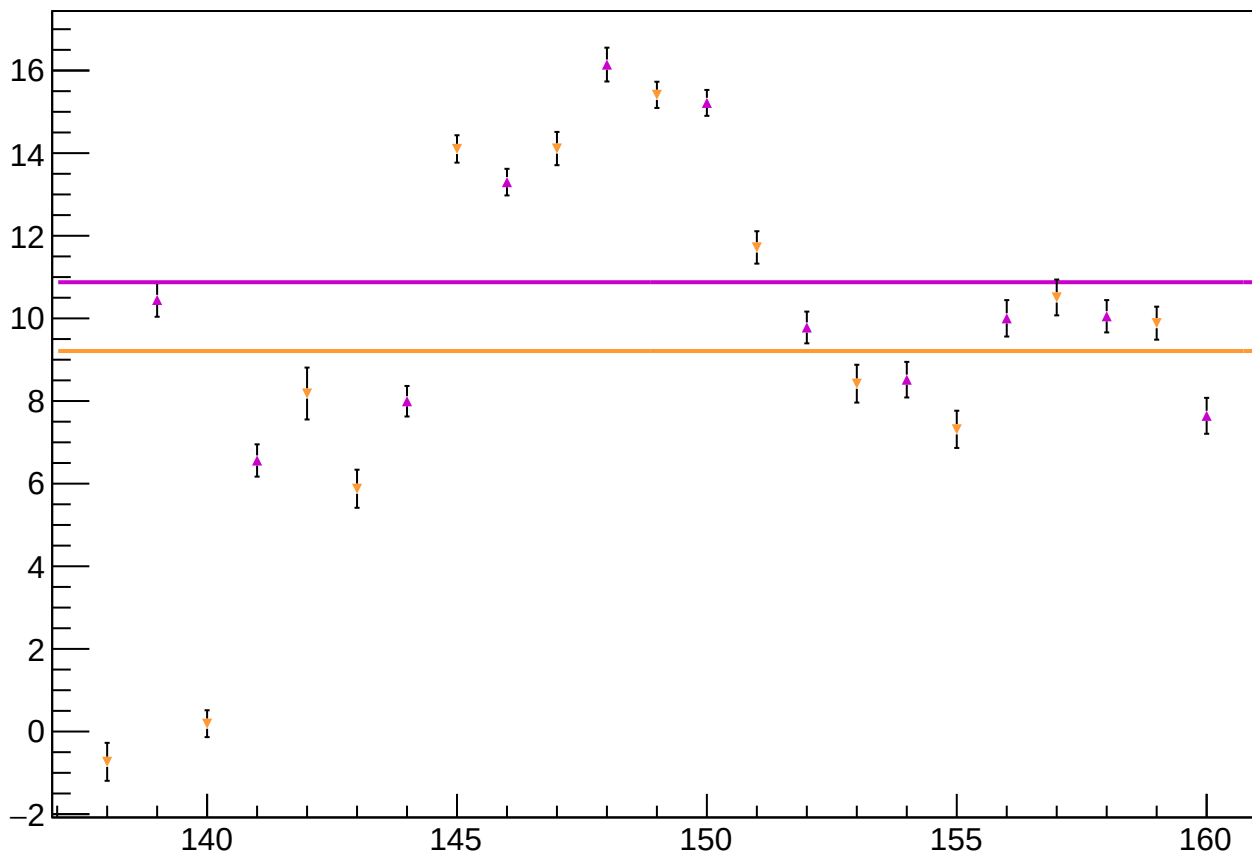
5.509 $\pm$ 0.081 χ^2 /NDF: 1725.7/11

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

5.809 $\pm$ 0.082 χ^2 /NDF: 2092.8/10

Left In: 5.809 $\pm$ 0.082 χ^2 /NDF:2092.8/10

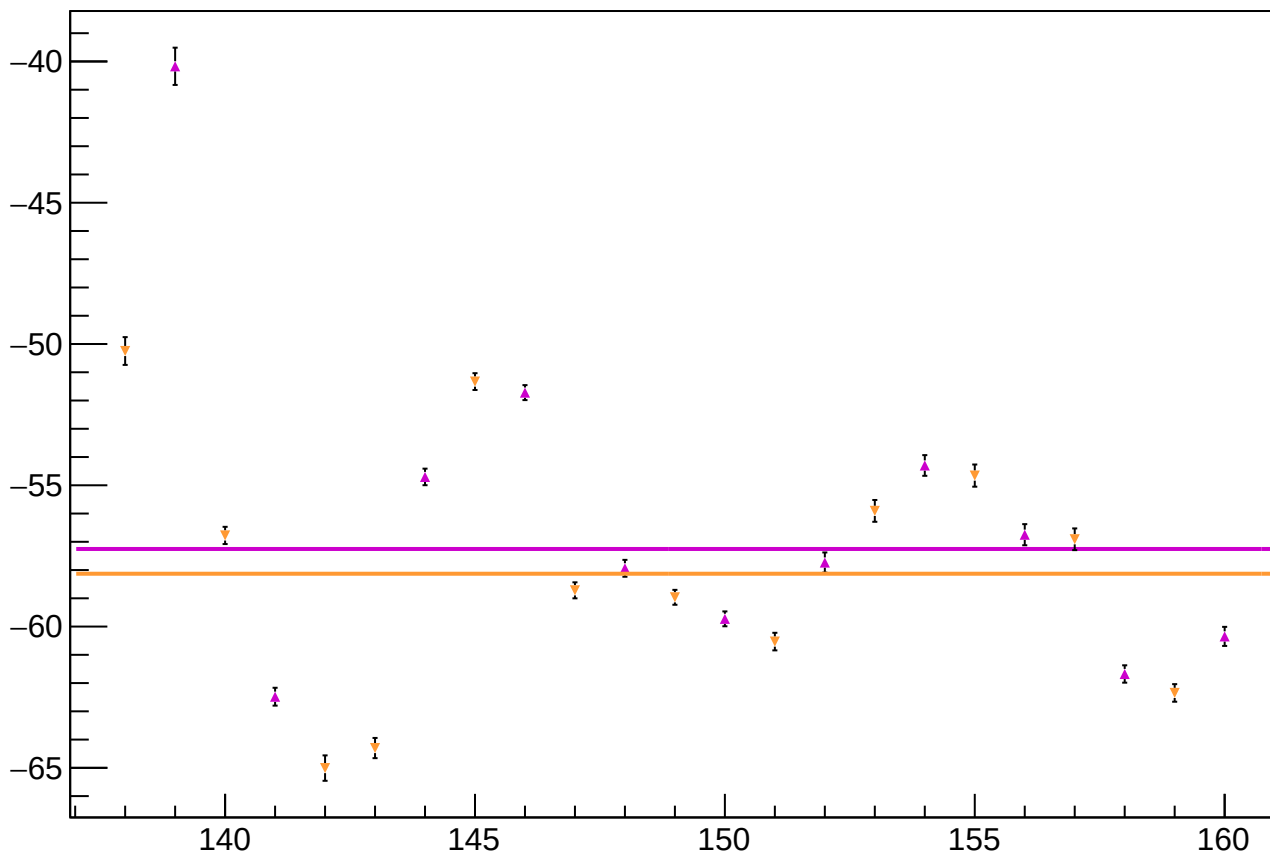
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.210 $\pm$ 0.116 χ^2 /NDF:2113.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.876 $\pm$ 0.116 χ^2 /NDF:699.4/10

9.210 $\pm$ 0.116 χ^2 /NDF: 2113.8/11
 10.876 $\pm$ 0.116 χ^2 /NDF: 699.4/10

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: -58.130+/-0.097 χ^2/NDF : 1711.3/11

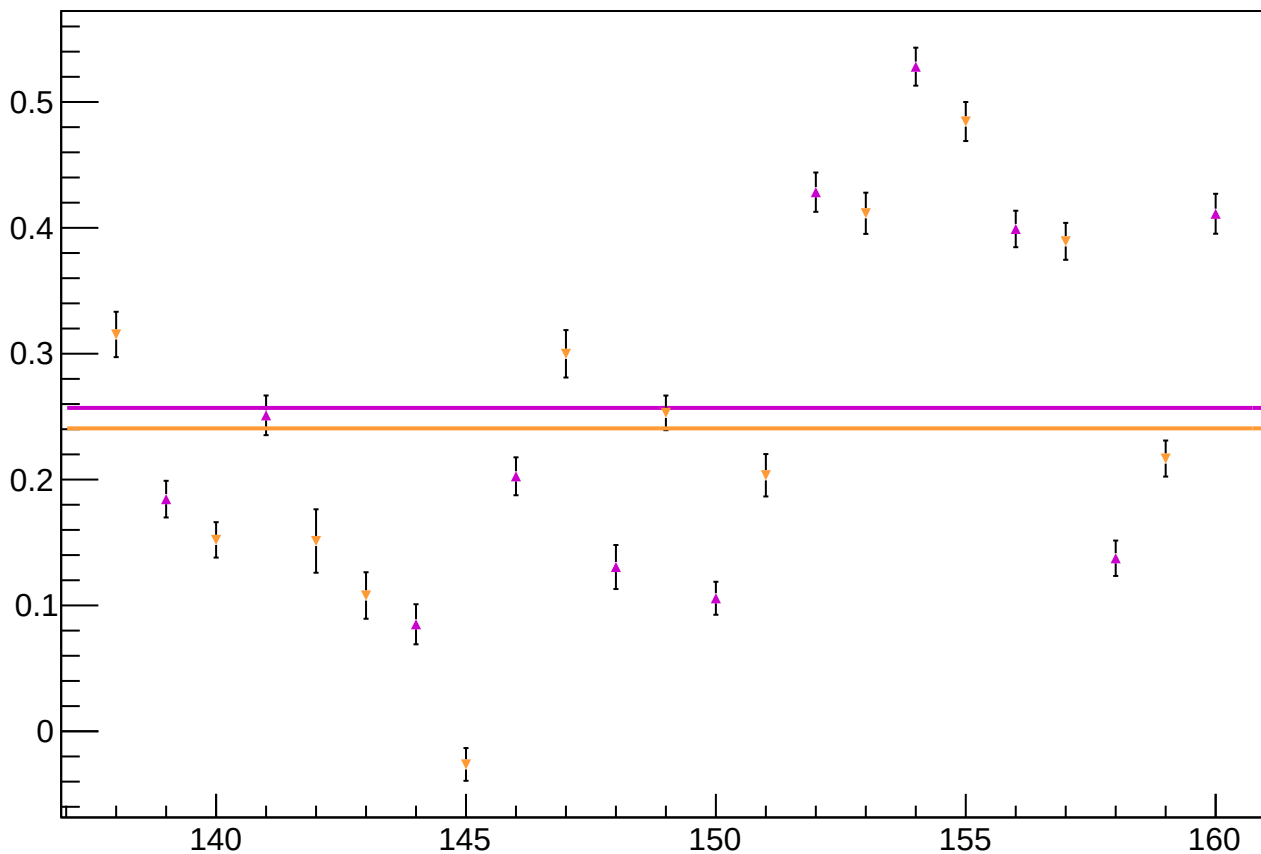
-58.130+/-0.097 χ^2/NDF : 1711.3/11

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

-57.254+/-0.097 χ^2/NDF : 1910.9/10

Left In: -57.254+/-0.097 χ^2/NDF : 1910.9/10

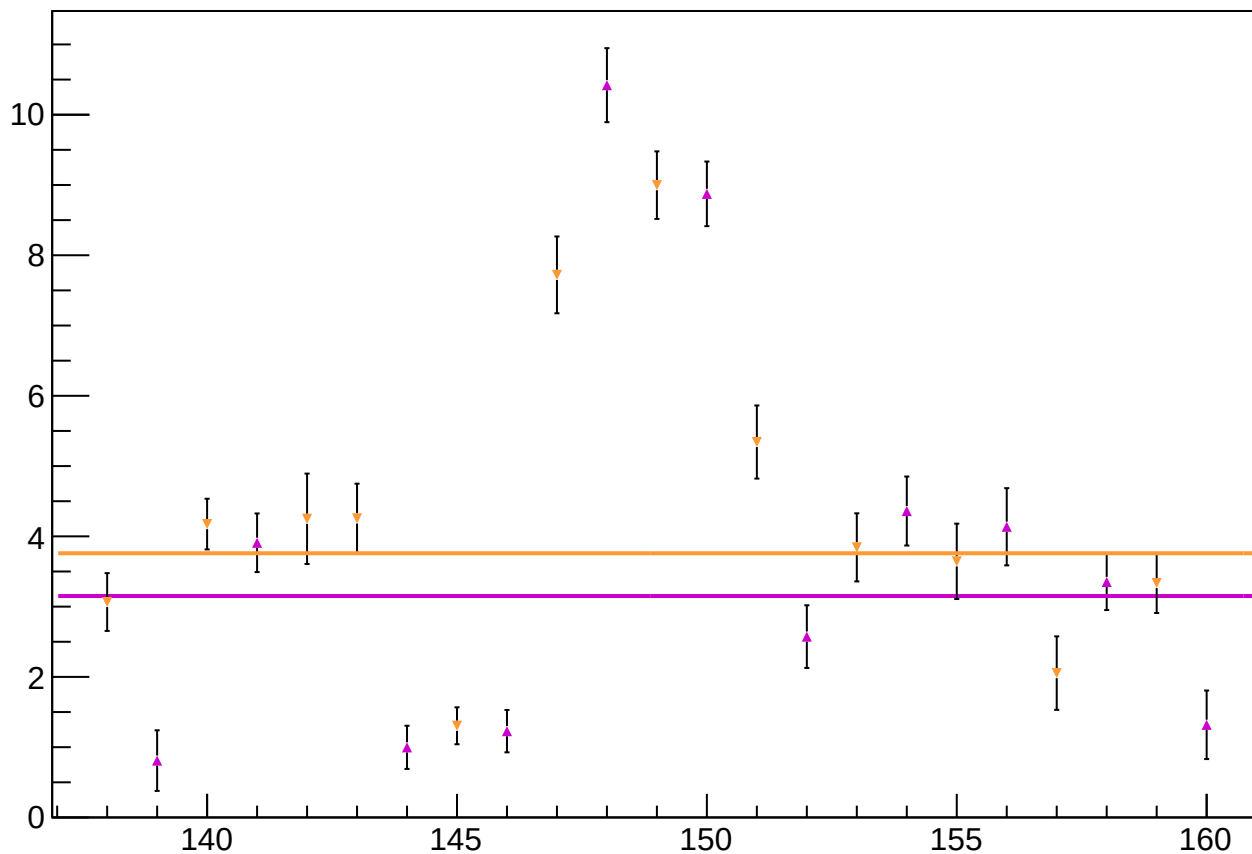
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.241 $\pm$ 0.005 χ^2 /NDF:1019.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.257 $\pm$ 0.005 χ^2 /NDF:1046.2/10

0.241 $\pm$ 0.005 χ^2 /NDF: 1019.0/11
 0.257 $\pm$ 0.005 χ^2 /NDF: 1046.2/10

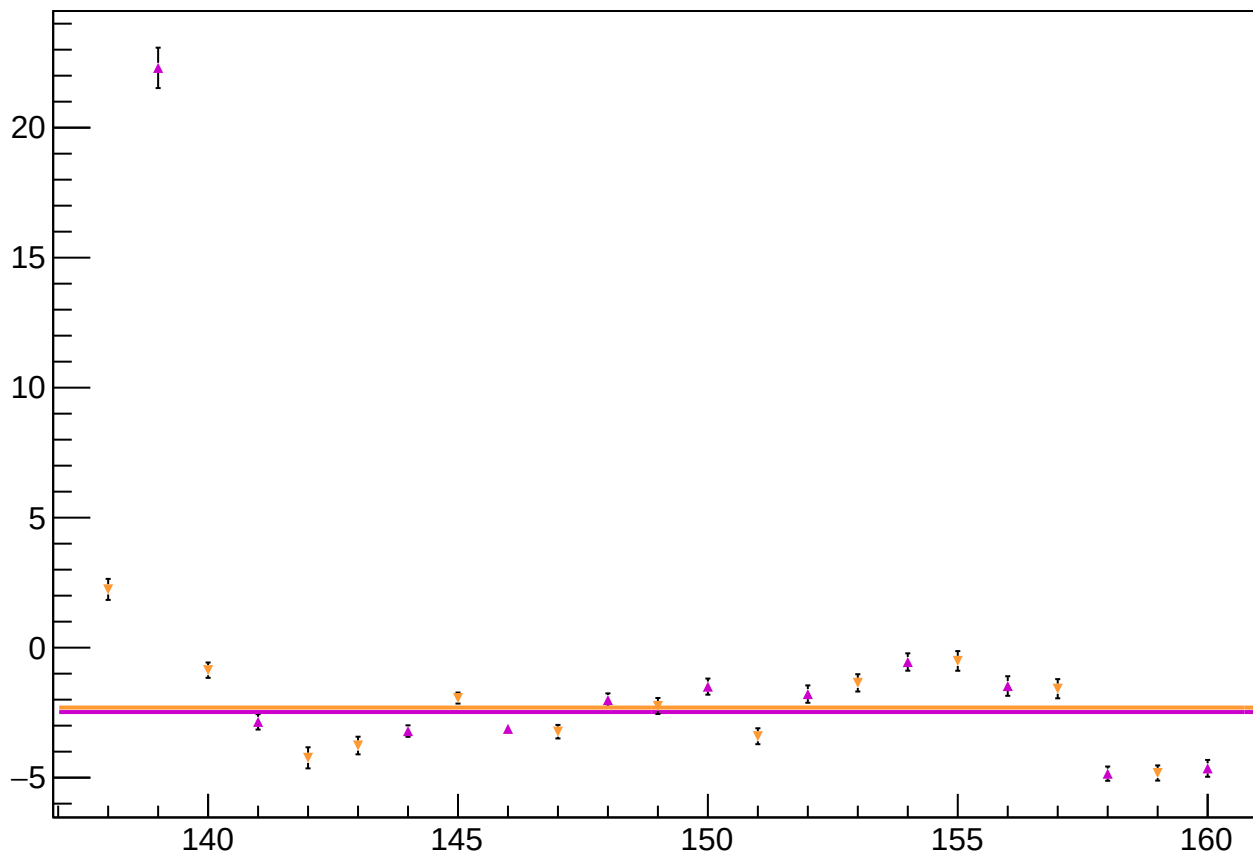
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.759+/-0.126 χ^2/NDF :285.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.151+/-0.125 χ^2/NDF :493.2/10

3.759+/-0.126 χ^2/NDF : 285.2/11
 3.151+/-0.125 χ^2/NDF : 493.2/10

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.304+/-0.089 χ^2/NDF : 329.1/11

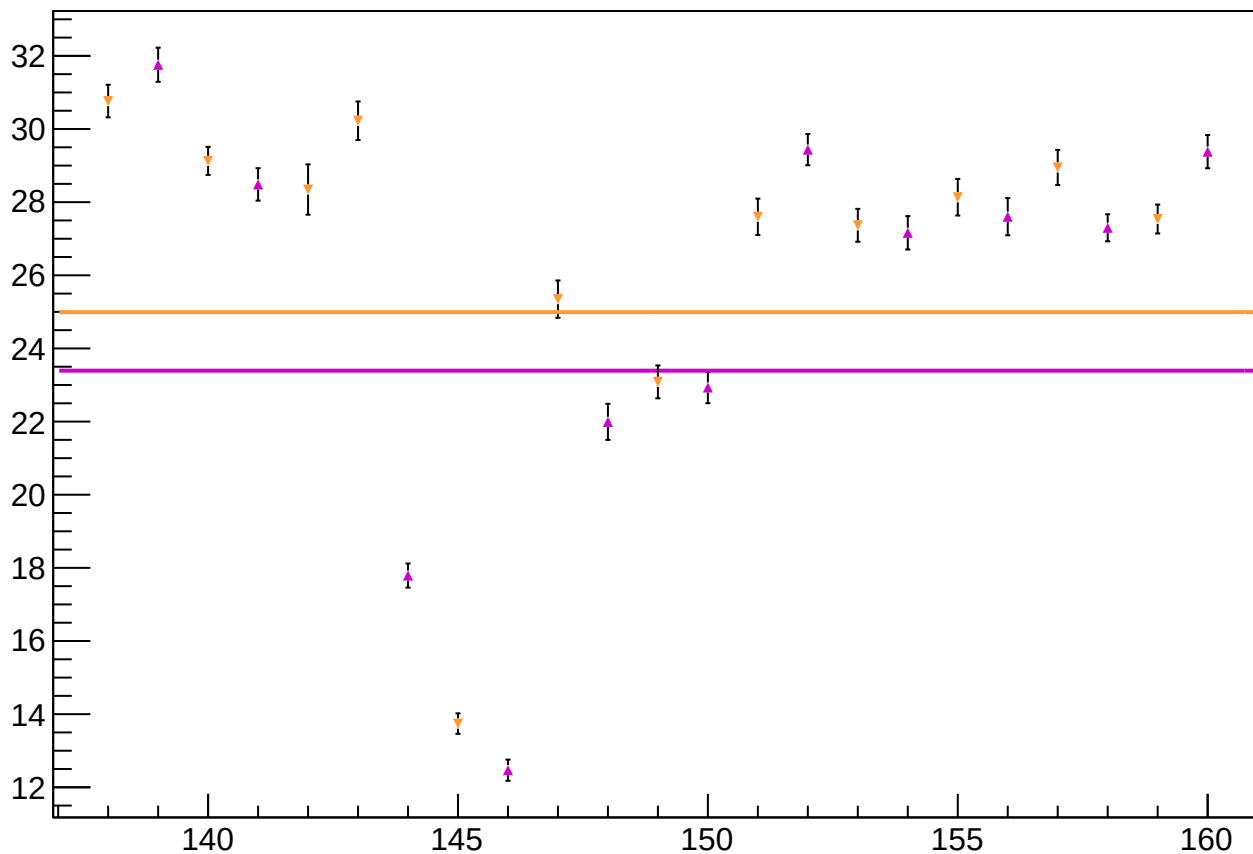
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.477+/-0.087 χ^2/NDF : 1217.3/10

-2.304+/-0.089 χ^2/NDF : 329.1/11

-2.477+/-0.087 χ^2/NDF : 1217.3/10

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: 24.992+/-0.126 χ^2/NDF :2238.8/11

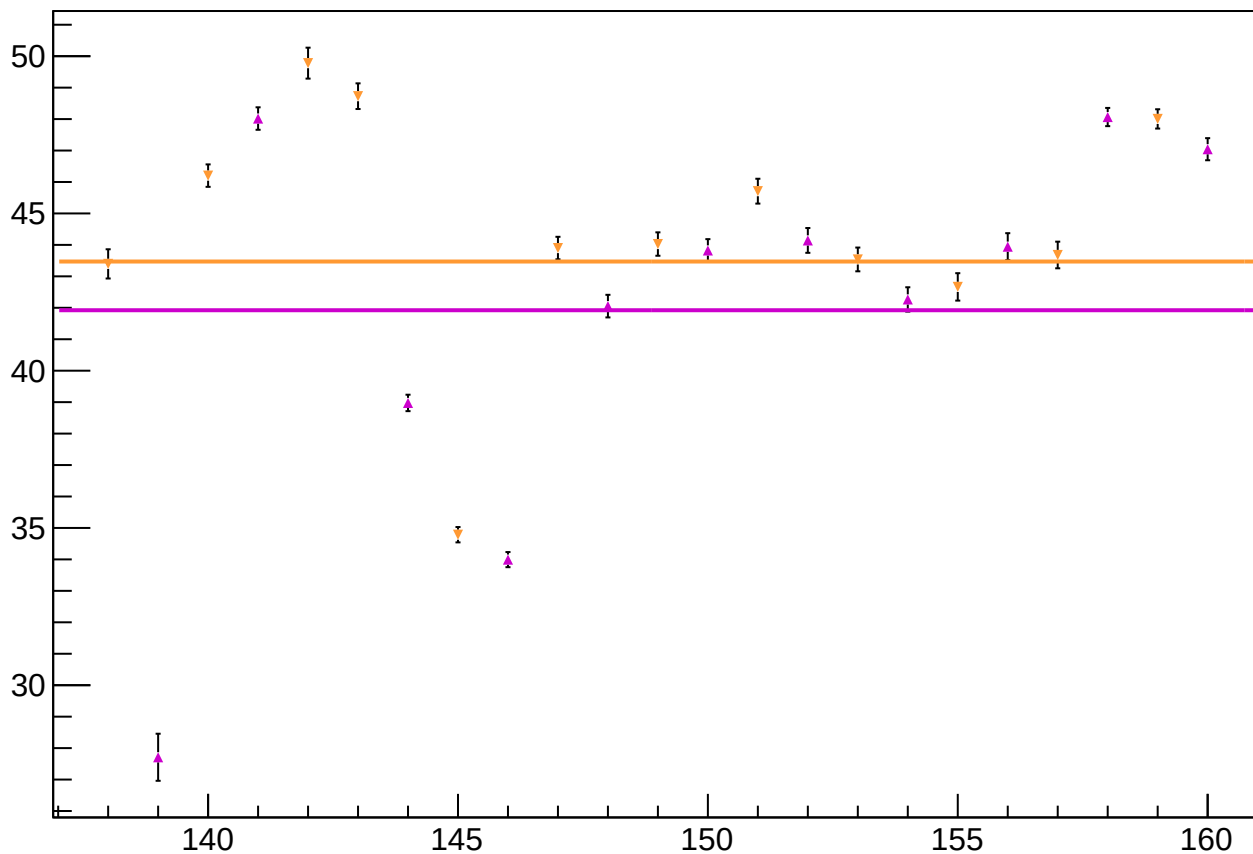
24.992+/-0.126 χ^2/NDF : 2238.8/11

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

Left In: 23.392+/-0.123 χ^2/NDF :2793.4/10

23.392+/-0.123 χ^2/NDF : 2793.4/10

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: 43.471+/-0.106 χ^2/NDF : 1914.5/11

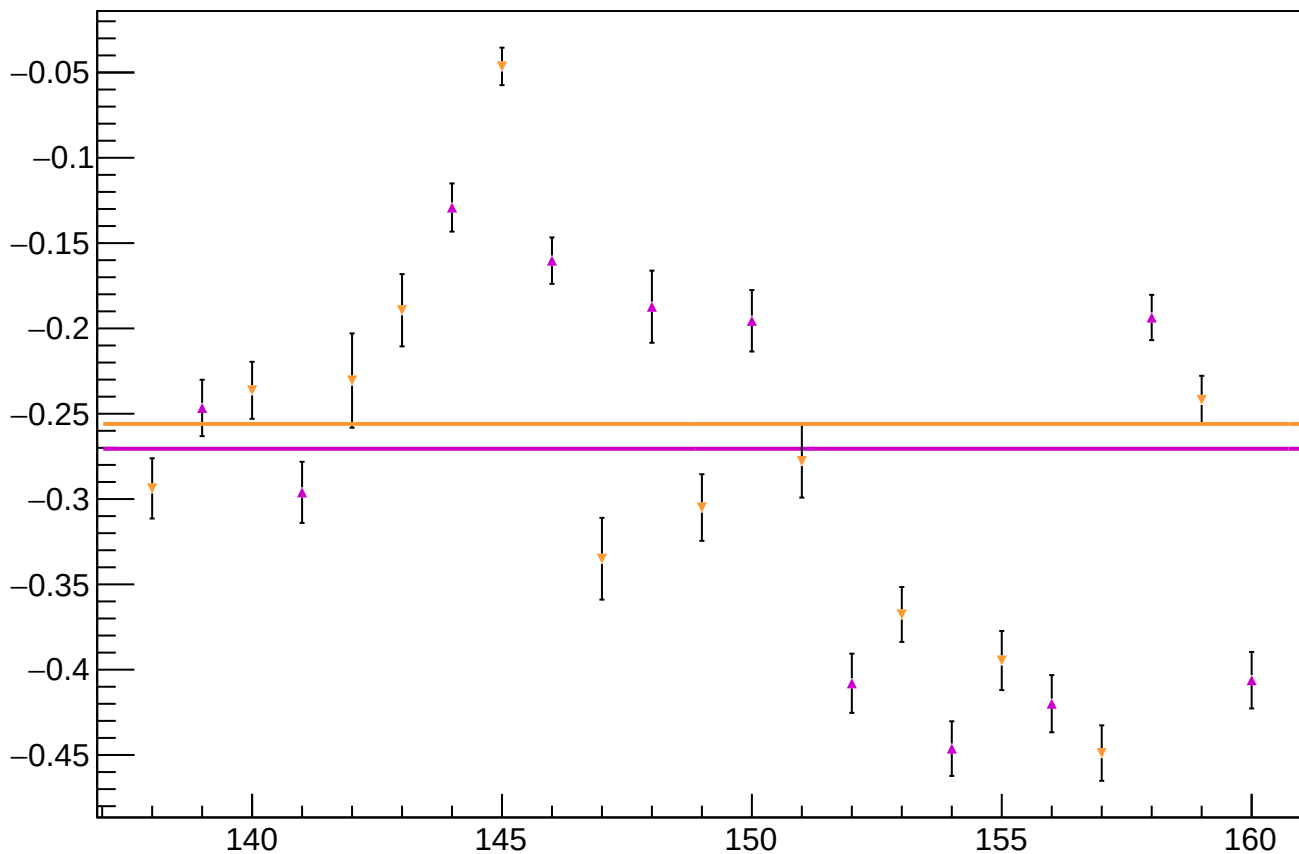
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.922+/-0.102 χ^2/NDF : 2610.6/10

43.471+/-0.106 χ^2/NDF : 1914.5/11

41.922+/-0.102 χ^2/NDF : 2610.6/10

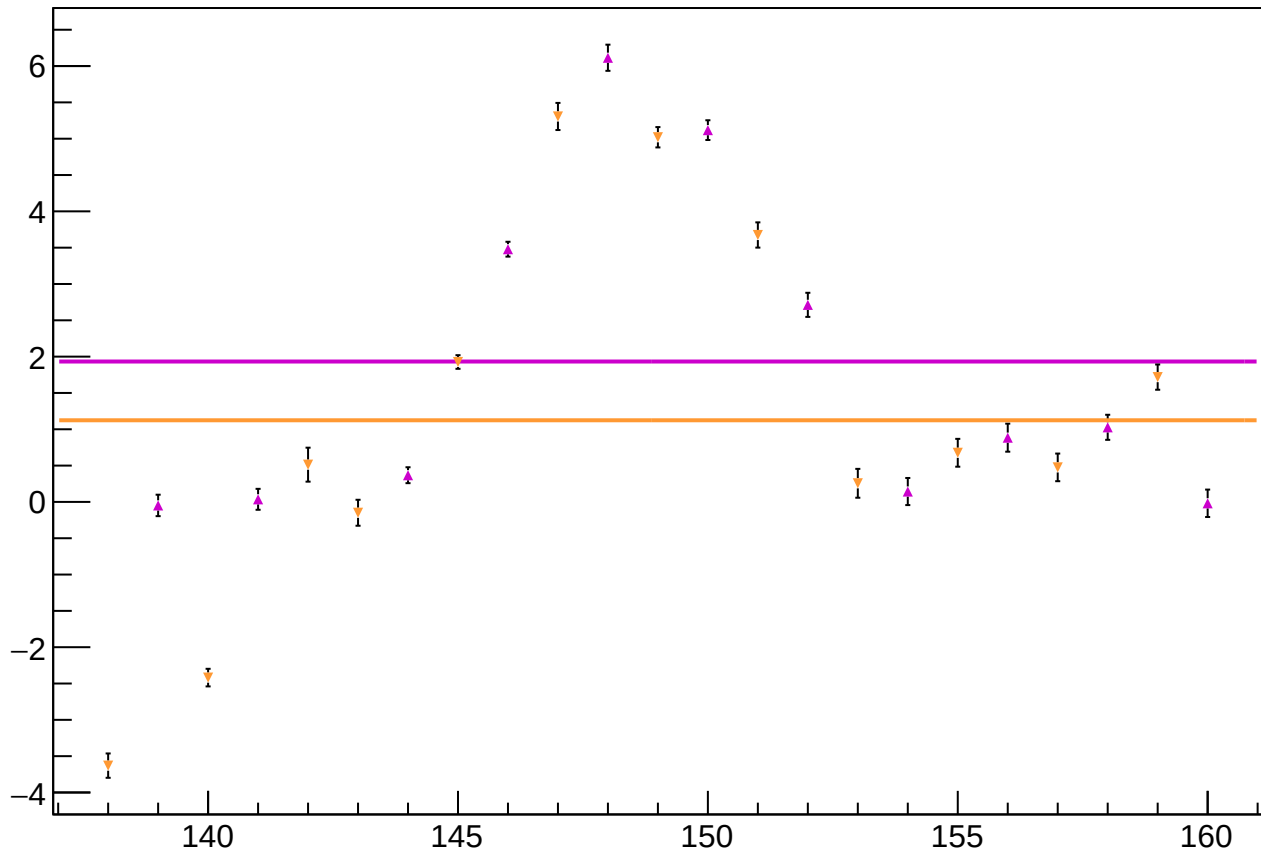
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.256+/-0.005 χ^2/NDF : 653.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.271+/-0.005 χ^2/NDF : 566.7/10

-0.256+/-0.005 χ^2/NDF : 653.0/11
 -0.271+/-0.005 χ^2/NDF : 566.7/10

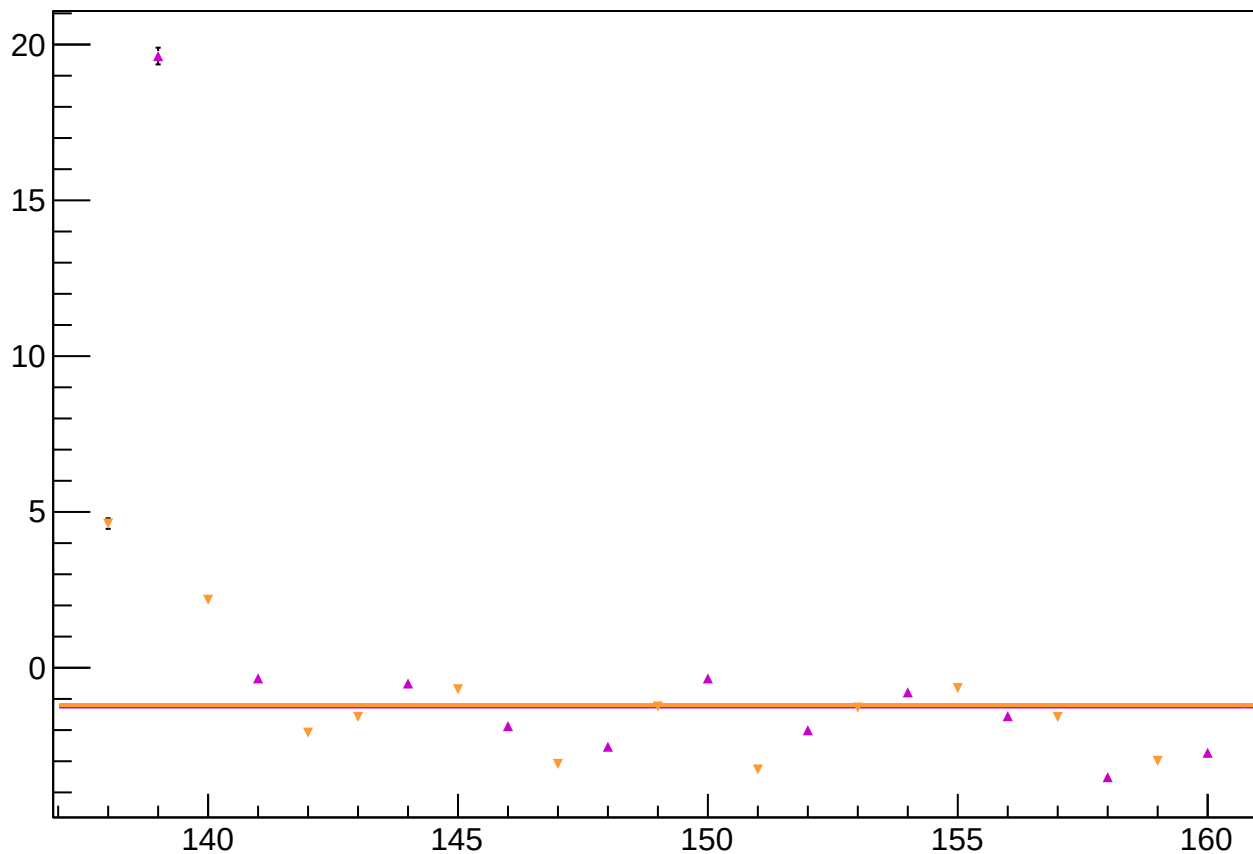
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.124+/-0.045 χ^2/NDF :3331.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.933+/-0.044 χ^2/NDF :2153.3/10

1.124+/-0.045 χ^2/NDF : 3331.6/11
 1.933+/-0.044 χ^2/NDF : 2153.3/10

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -1.196+/-0.032 χ^2/NDF : 3515.2/11

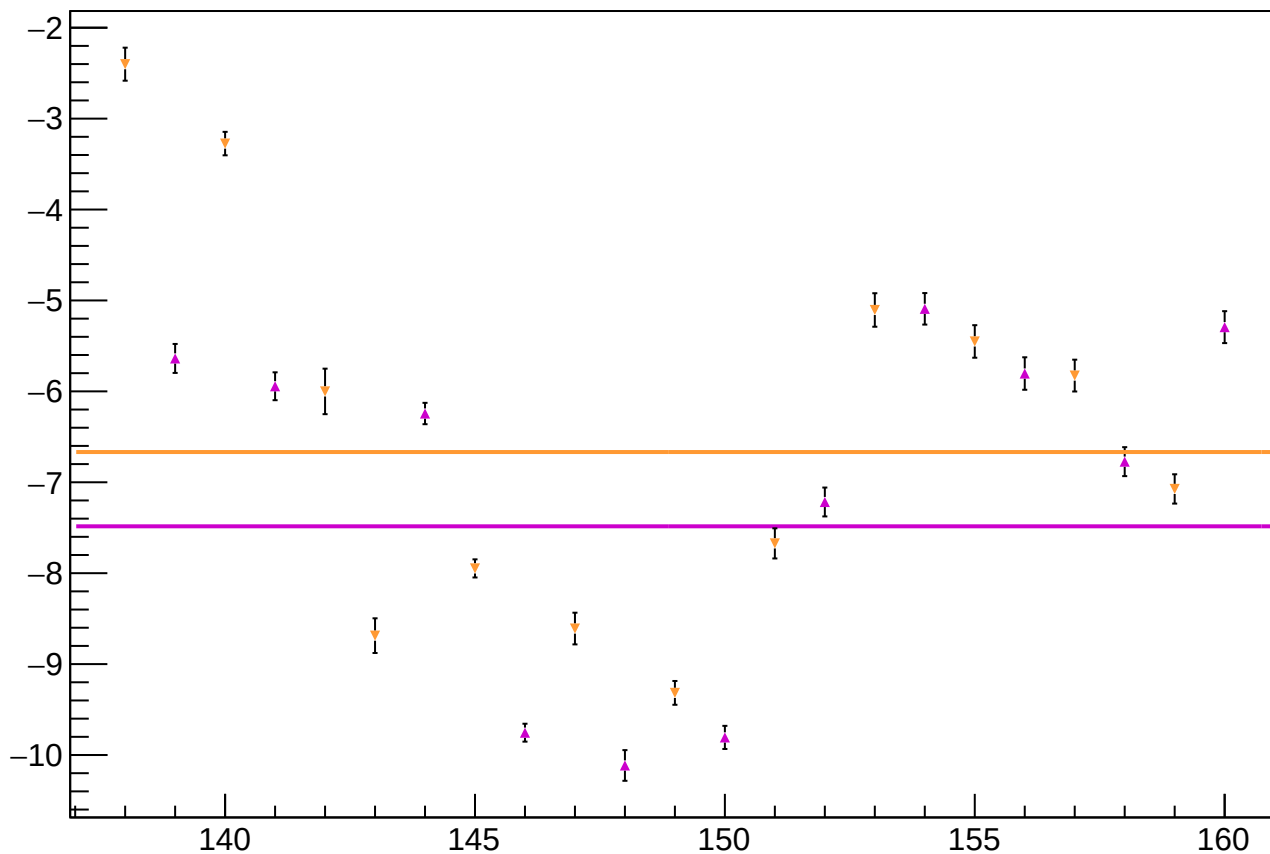
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.242+/-0.031 χ^2/NDF : 7143.3/10

-1.196+/-0.032 χ^2/NDF : 3515.2/11

-1.242+/-0.031 χ^2/NDF : 7143.3/10

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: -6.667+/-0.045 χ^2/NDF : 2245.5/11

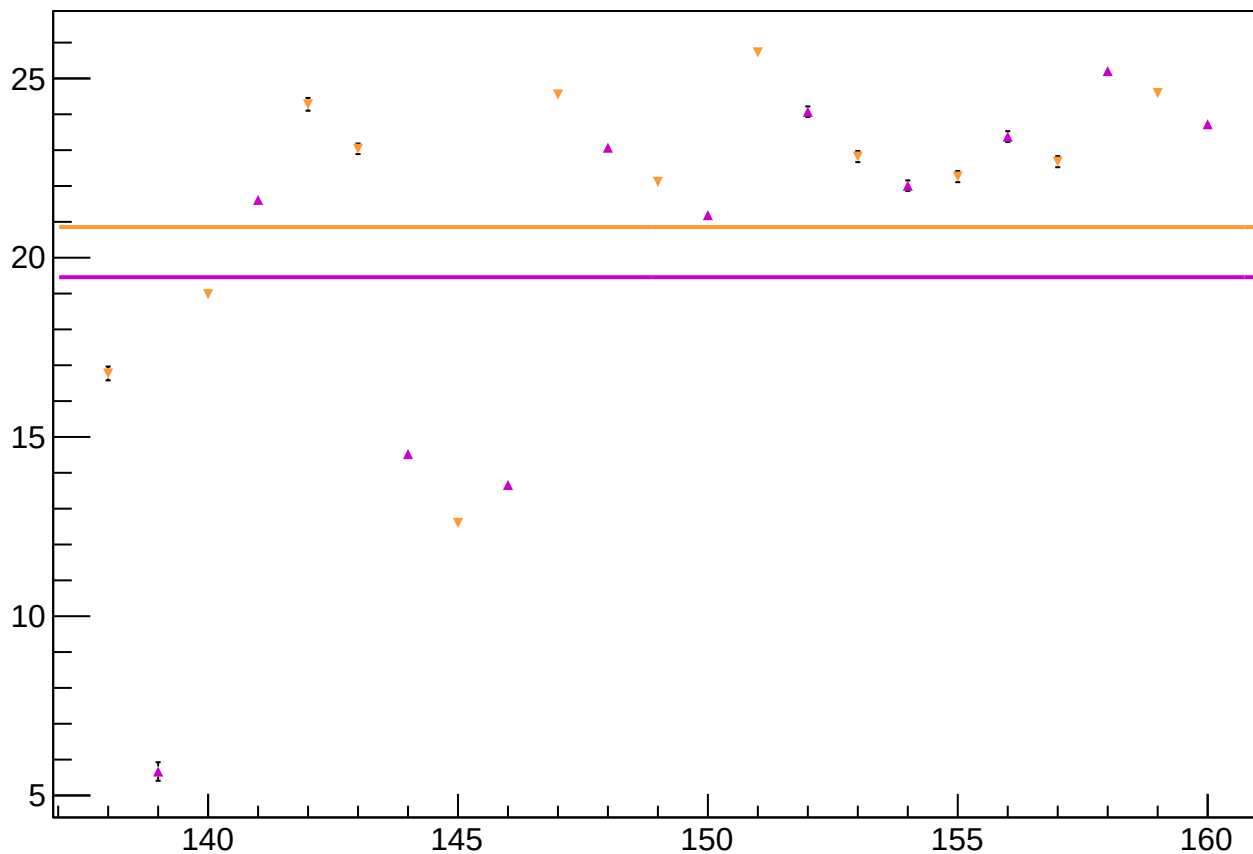
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.484+/-0.043 χ^2/NDF : 1912.1/10

-6.667+/-0.045 χ^2/NDF : 2245.5/11

-7.484+/-0.043 χ^2/NDF : 1912.1/10

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: 20.854 $\pm$ 0.038 χ^2/NDF :13702.2/11

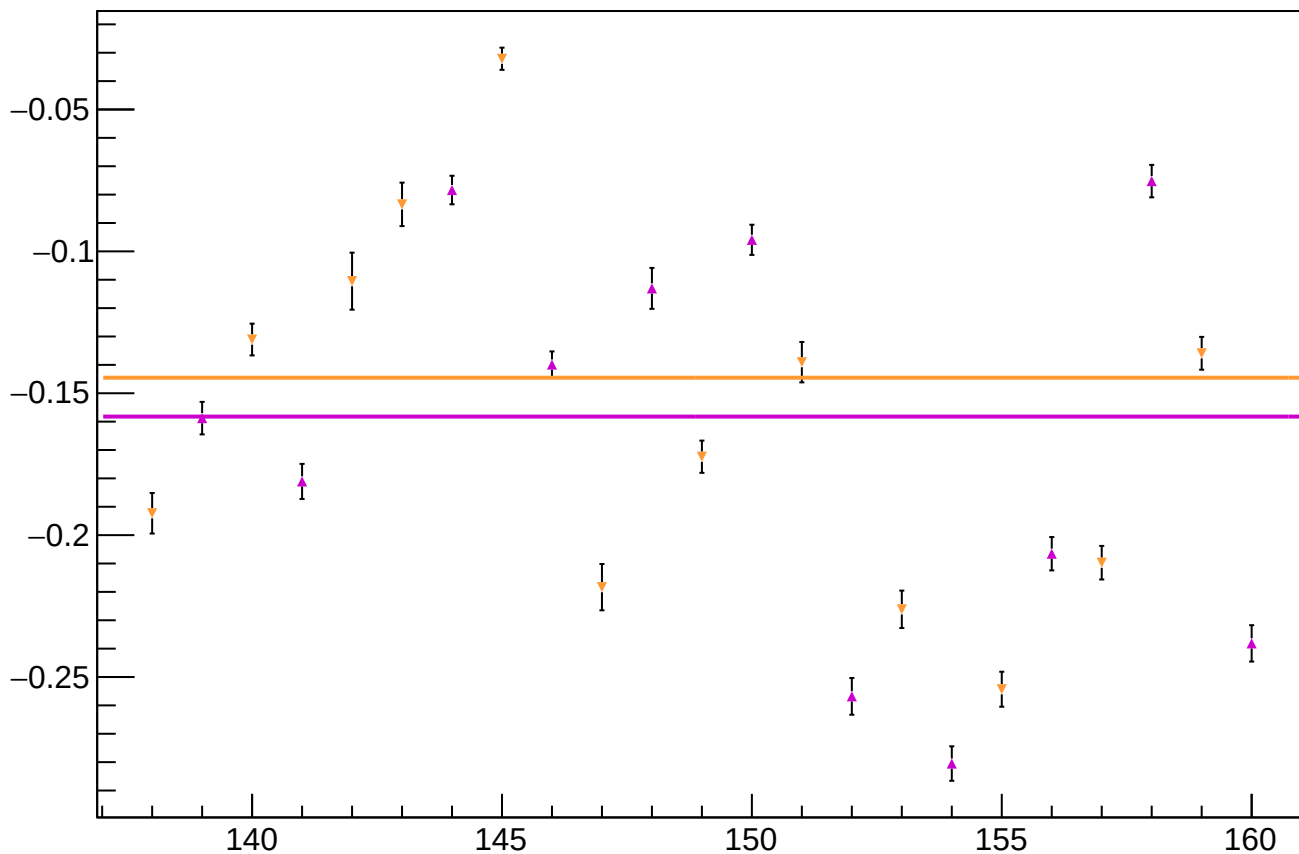
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 19.456 $\pm$ 0.036 χ^2/NDF :17074.2/10

20.854 $\pm$ 0.038 χ^2/NDF : 13702.2/11

19.456 $\pm$ 0.036 χ^2/NDF : 17074.2/10

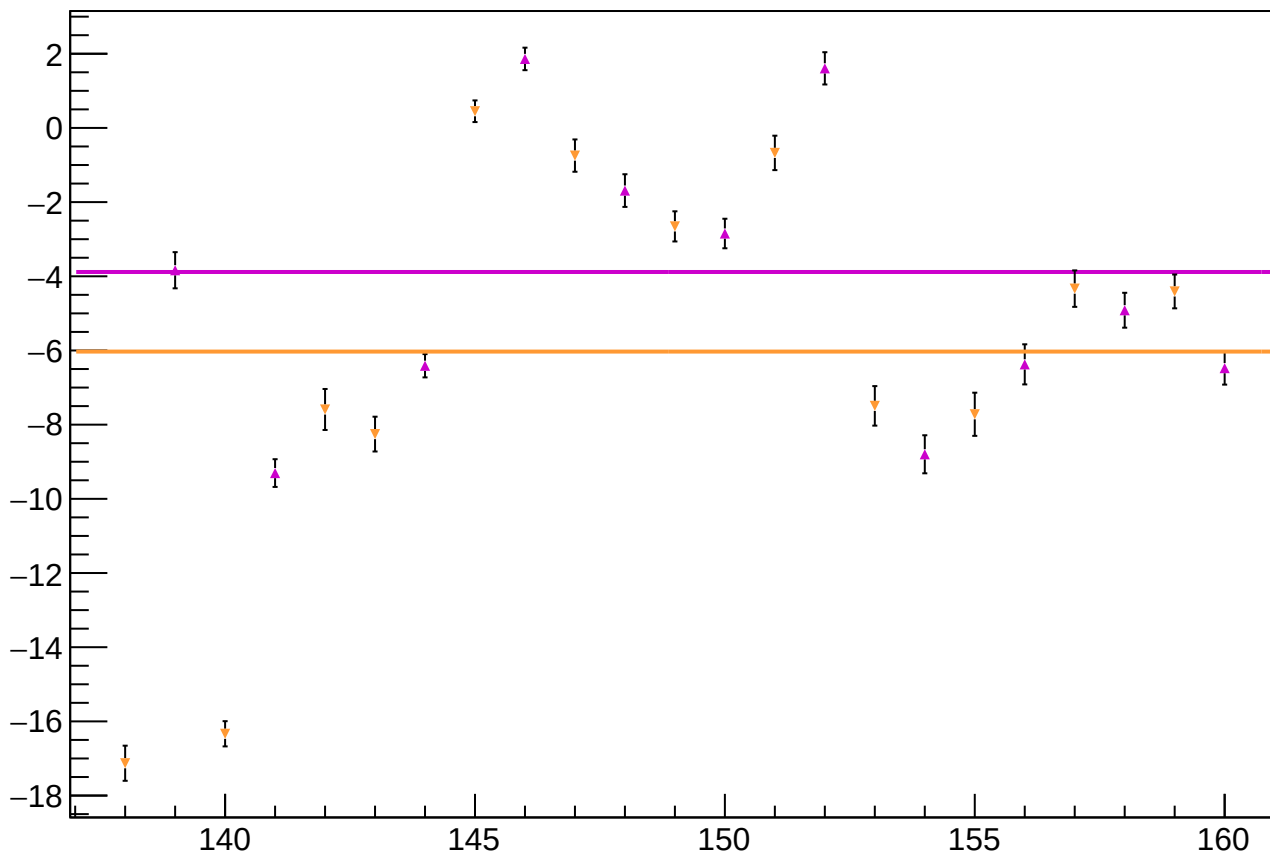
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.002 χ^2 /NDF:1653.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.158 $\pm$ 0.002 χ^2 /NDF:1528.3/10

-0.145 $\pm$ 0.002 χ^2 /NDF: 1653.1/11
 -0.158 $\pm$ 0.002 χ^2 /NDF: 1528.3/10

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -6.030+/-0.125 χ^2/NDF : 2380.6/11

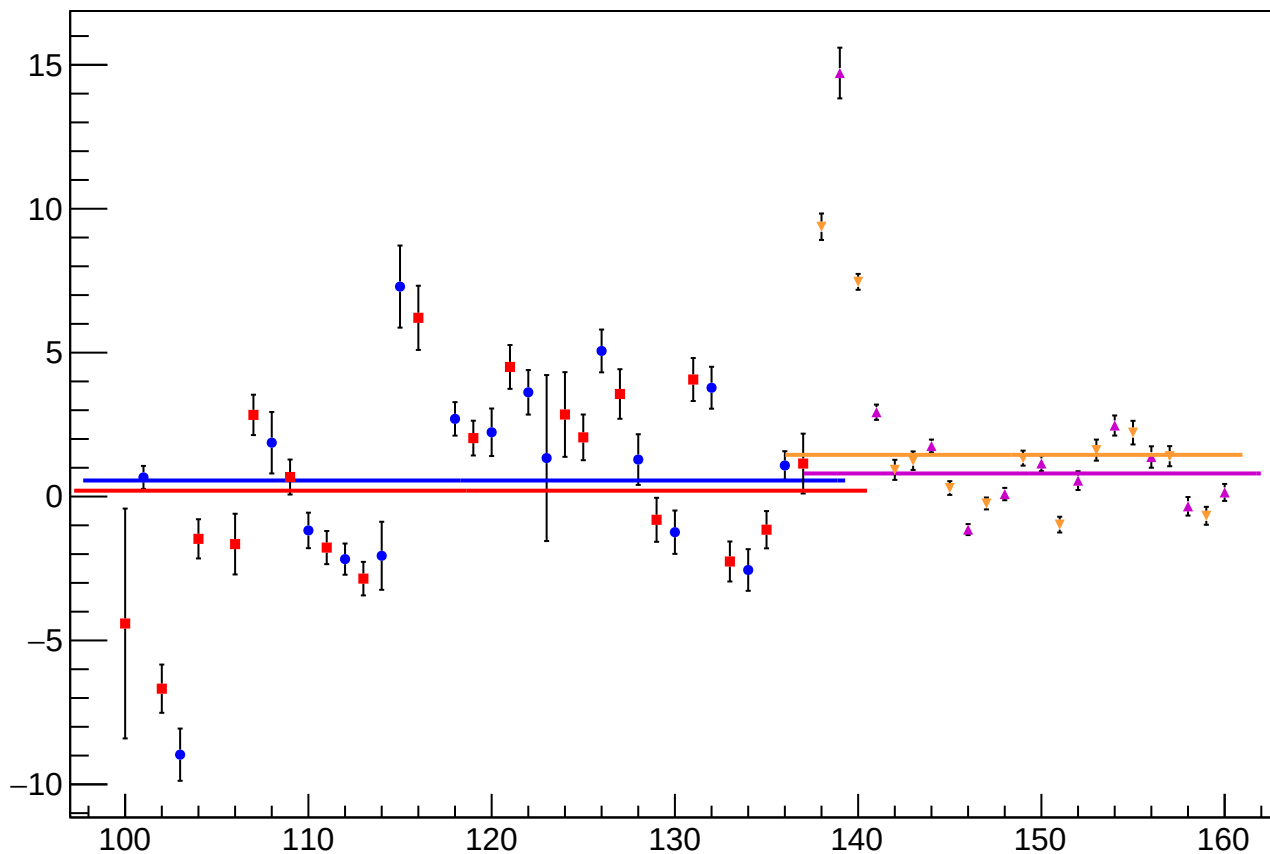
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.884+/-0.123 χ^2/NDF : 976.5/10

-6.030+/-0.125 χ^2/NDF : 2380.6/11

-3.884+/-0.123 χ^2/NDF : 976.5/10

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.558 ± 0.170 χ^2/NDF : 287.9/16

Left Out: 1.449 ± 0.086 χ^2/NDF : 992.2/11

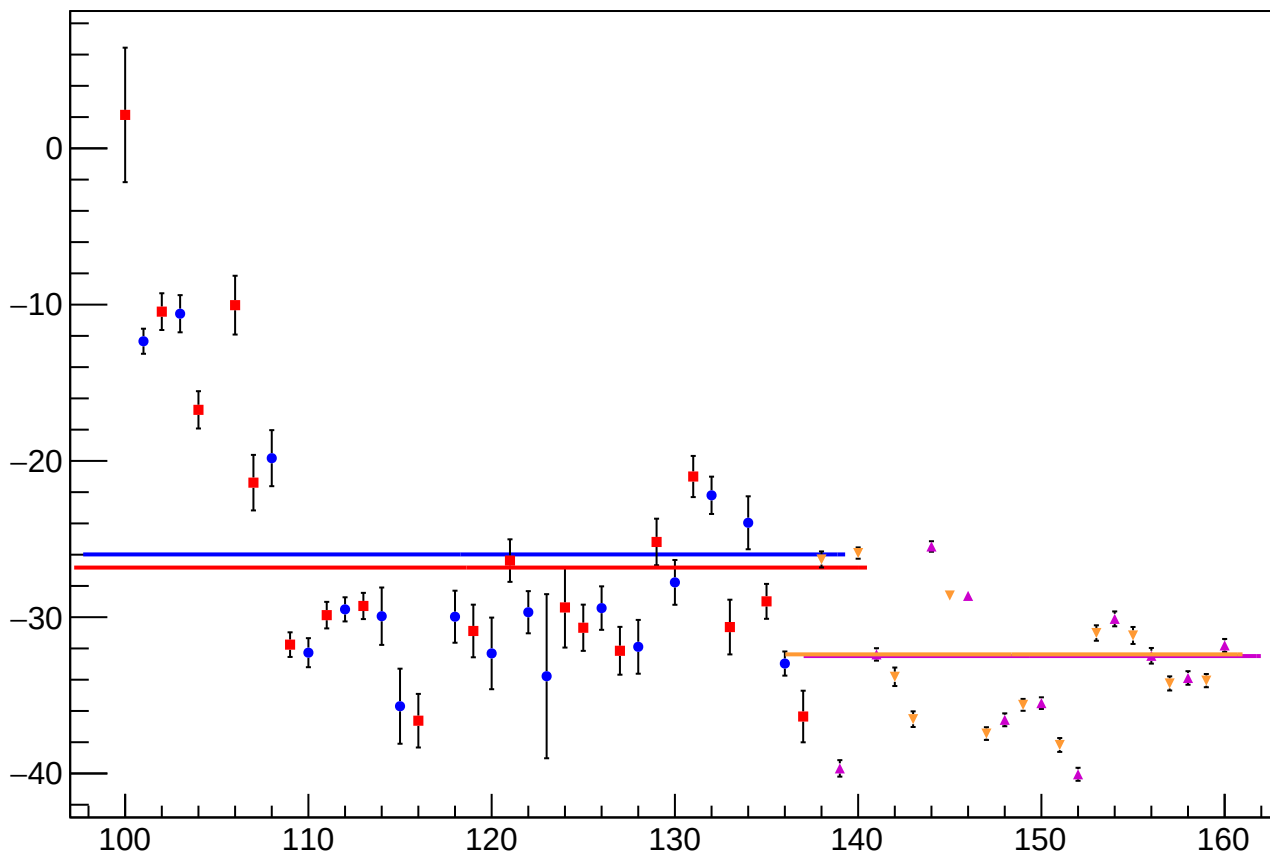
Right Out: 0.204 ± 0.175 χ^2/NDF : 272.1/18

Left In: 0.802 ± 0.083 χ^2/NDF : 492.1/10

1.269 ± 0.076 χ^2/NDF : 1302.0/28

0.691 ± 0.075 χ^2/NDF : 773.7/29

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -32.378 ± 0.124 χ^2/NDF : 1126.8/11

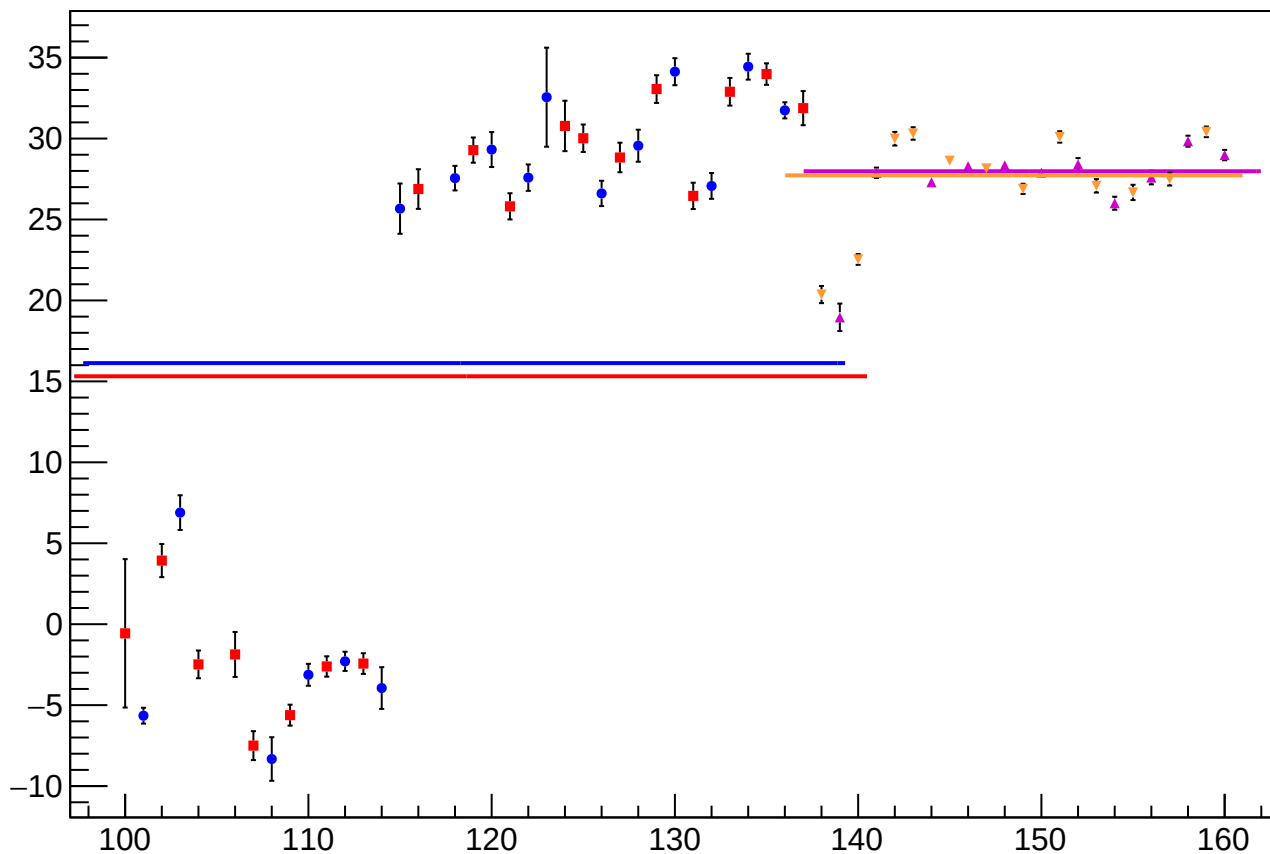
Right Out: -26.825 ± 0.298 χ^2/NDF : 581.6/18

Left In: -32.487 ± 0.120 χ^2/NDF : 1326.8/10

-31.444 ± 0.115 χ^2/NDF : 2205.0/28

-31.690 ± 0.112 χ^2/NDF : 2219.3/29

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.129 $\pm$ 0.192 χ^2 /NDF: 7572.5/16

Left Out: 27.729 $\pm$ 0.103 χ^2 /NDF: 648.2/11

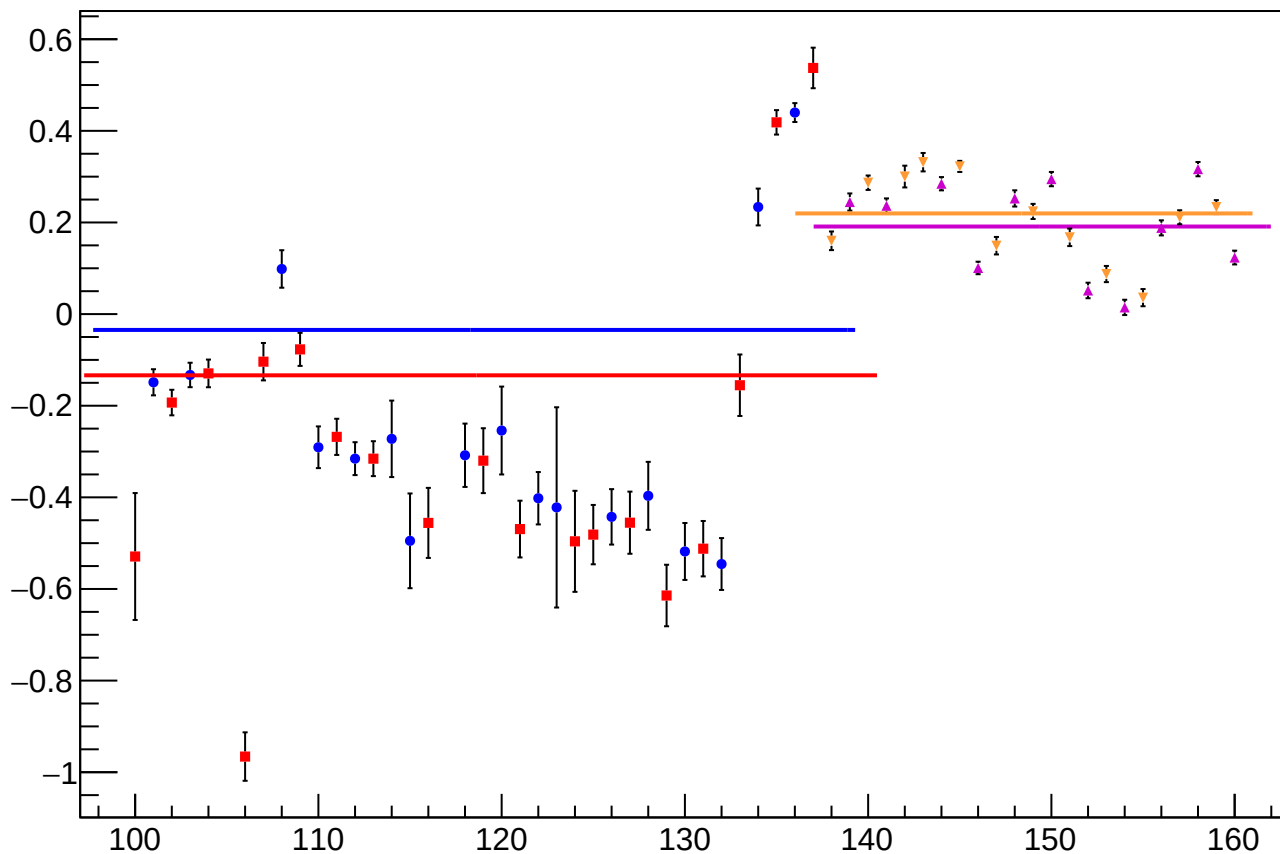
Right Out: 15.315 $\pm$ 0.197 χ^2 /NDF: 7278.1/18

Left In: 27.980 $\pm$ 0.099 χ^2 /NDF: 188.4/10

25.138 $\pm$ 0.091 χ^2 /NDF: 11053.8/28

25.408 $\pm$ 0.089 χ^2 /NDF: 10759.4/29

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035+/-0.010 χ^2/NDF : 1011.6/16

Left Out: 0.220+/-0.005 χ^2/NDF : 314.9/11

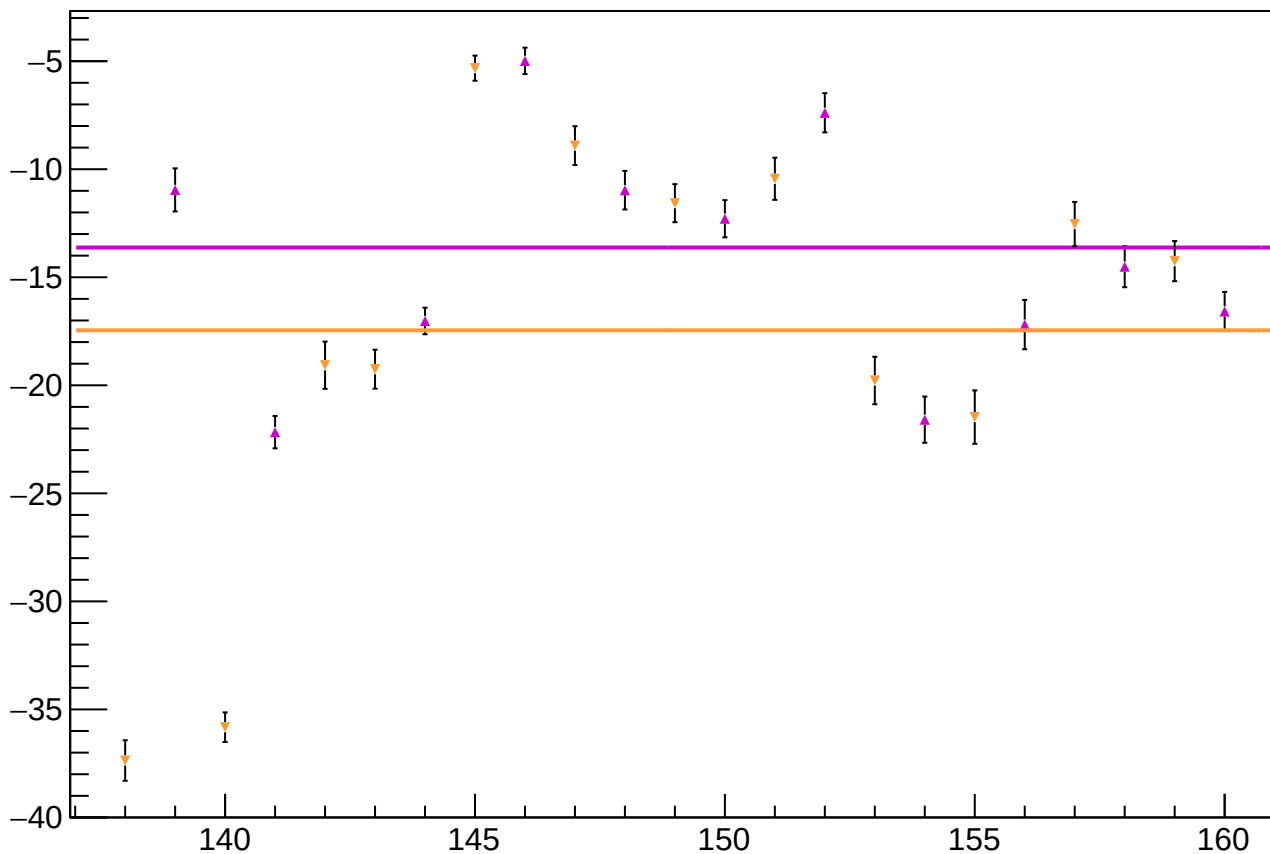
Right Out: -0.134+/-0.010 χ^2/NDF : 1161.9/18

Left In: 0.191+/-0.005 χ^2/NDF : 421.4/10

0.173+/-0.004 χ^2/NDF : 1820.3/28

0.134+/-0.004 χ^2/NDF : 2390.5/29

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.454+/-0.254 χ^2/NDF :1847.2/11

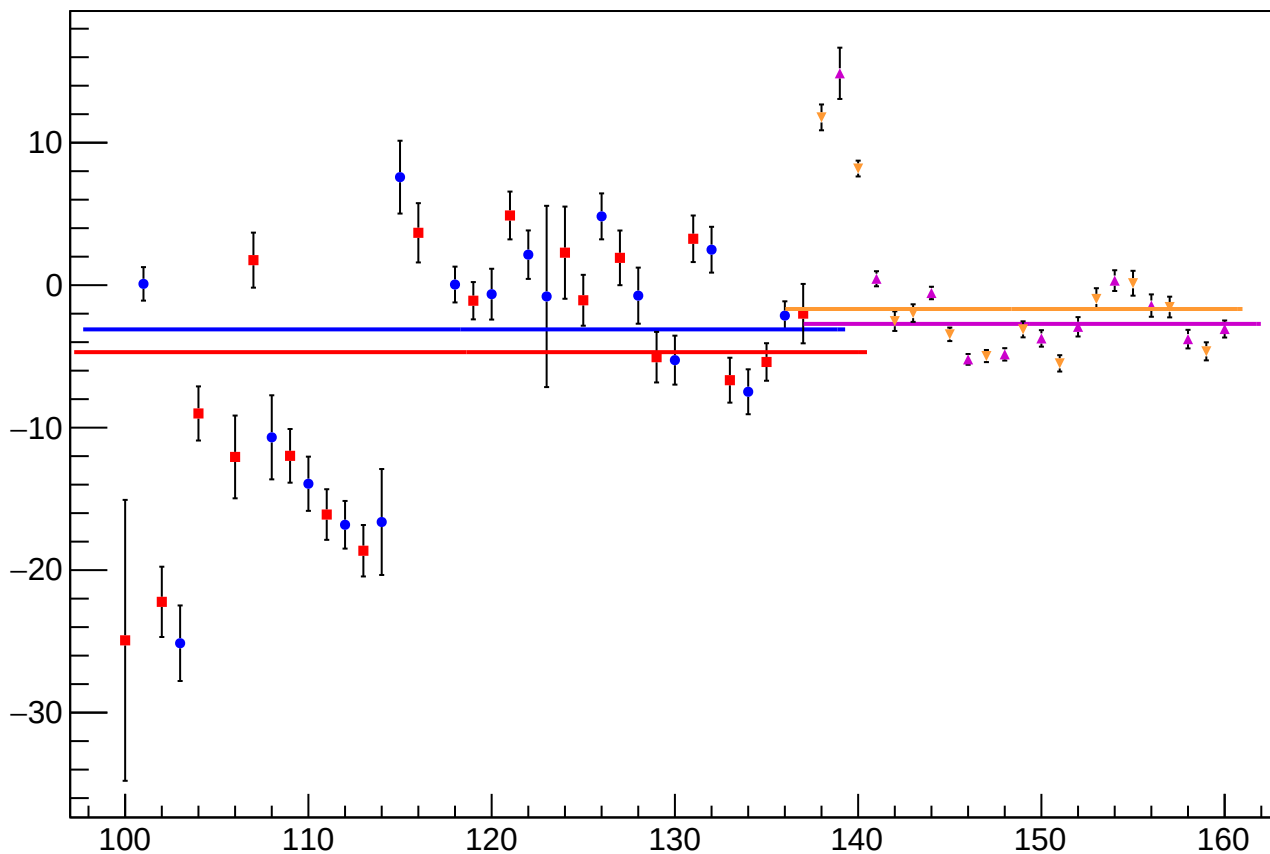
-17.454+/-0.254 χ^2/NDF : 1847.2/11

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

Left In: -13.623+/-0.251 χ^2/NDF :503.5/10

-13.623+/-0.251 χ^2/NDF : 503.5/10

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.104 ± 0.411 χ^2/NDF : 279.1/16

Left Out: -1.672 ± 0.175 χ^2/NDF : 689.1/11

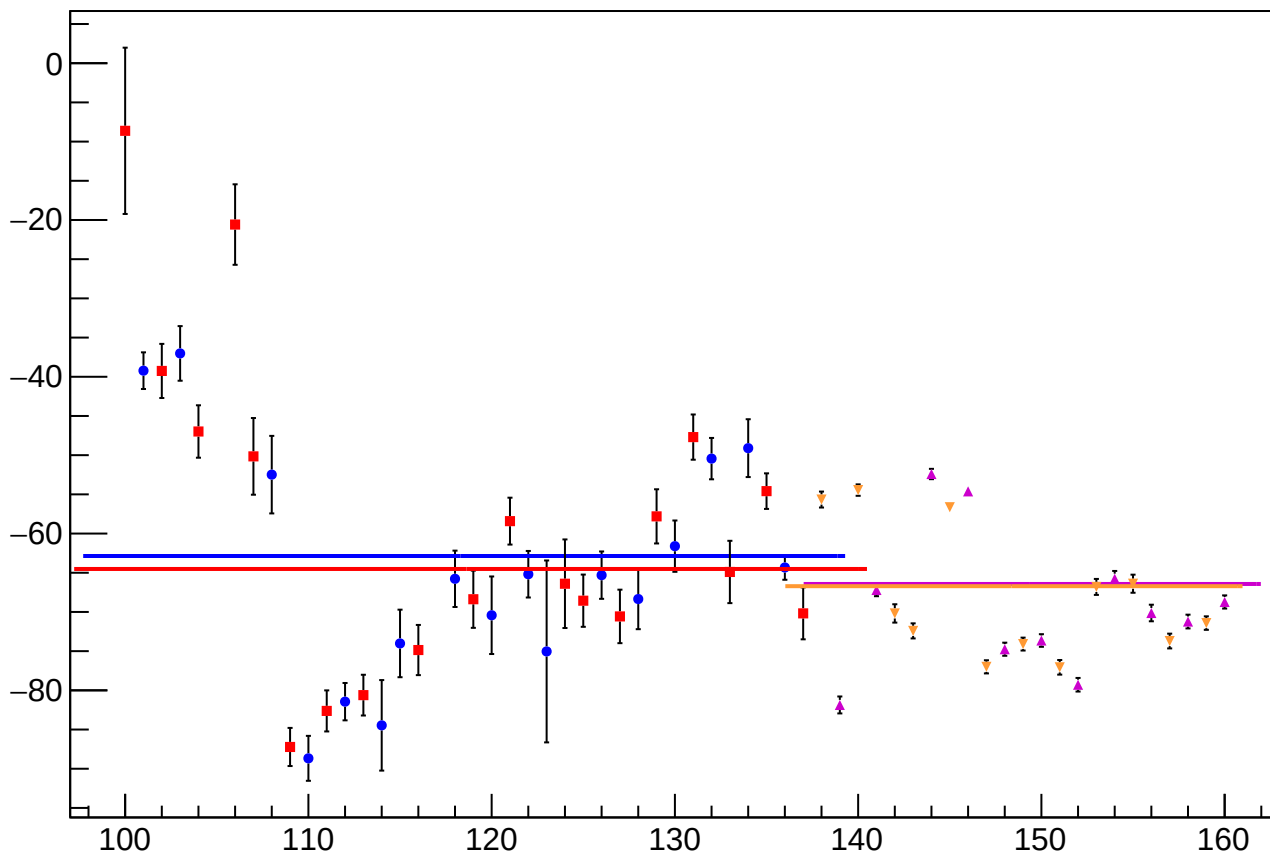
Right Out: -4.701 ± 0.427 χ^2/NDF : 297.6/18

Left In: -2.718 ± 0.169 χ^2/NDF : 249.7/10

-1.891 ± 0.161 χ^2/NDF : 978.5/28

-2.986 ± 0.157 χ^2/NDF : 566.0/29

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -66.713 ± 0.254 χ^2/NDF : 1150.1/11

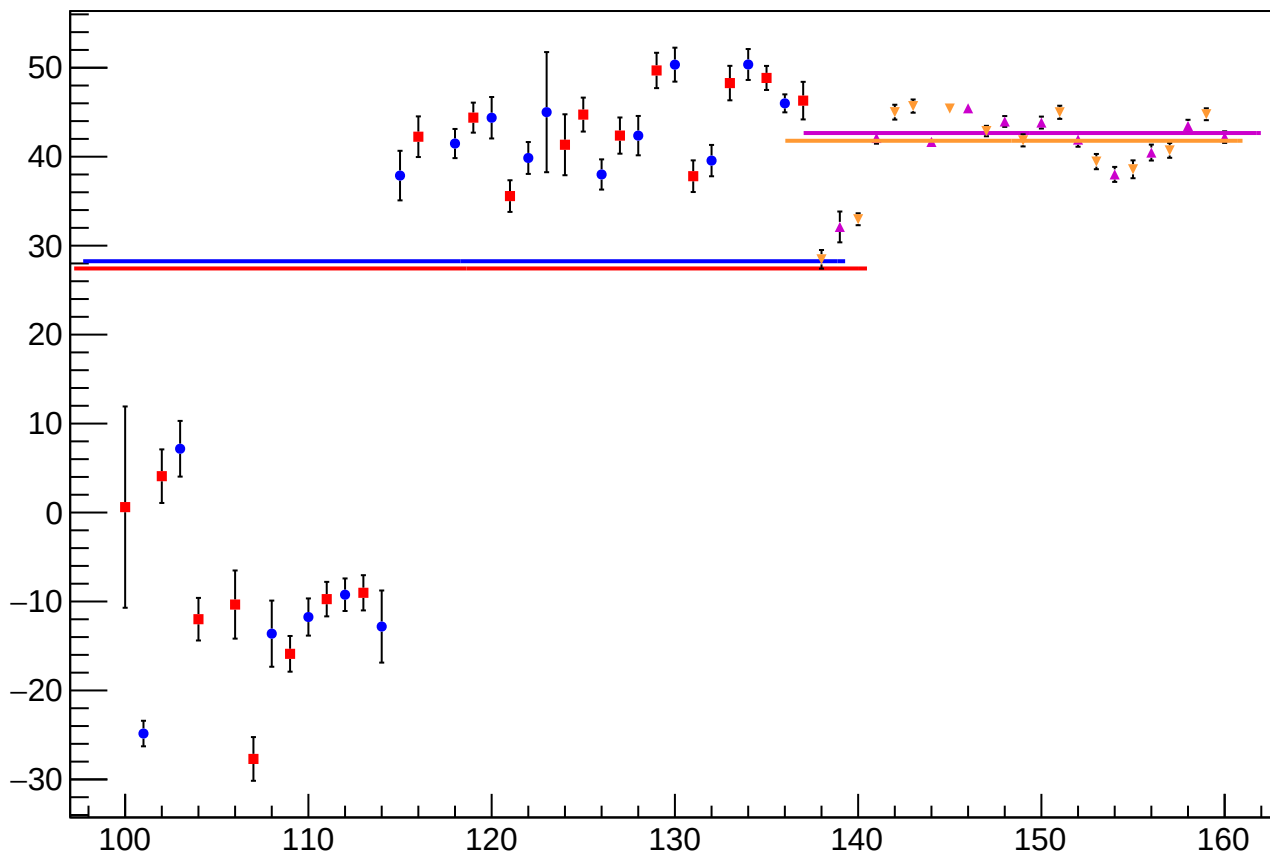
Right Out: -64.517 ± 0.752 χ^2/NDF : 444.3/18

Left In: -66.431 ± 0.246 χ^2/NDF : 1512.3/10

-66.308 ± 0.240 χ^2/NDF : 1543.0/28

-66.246 ± 0.234 χ^2/NDF : 1962.4/29

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.250 $\pm$ 0.460 χ^2 /NDF: 3319.5/16

Left Out: 41.790 $\pm$ 0.210 χ^2 /NDF: 482.1/11

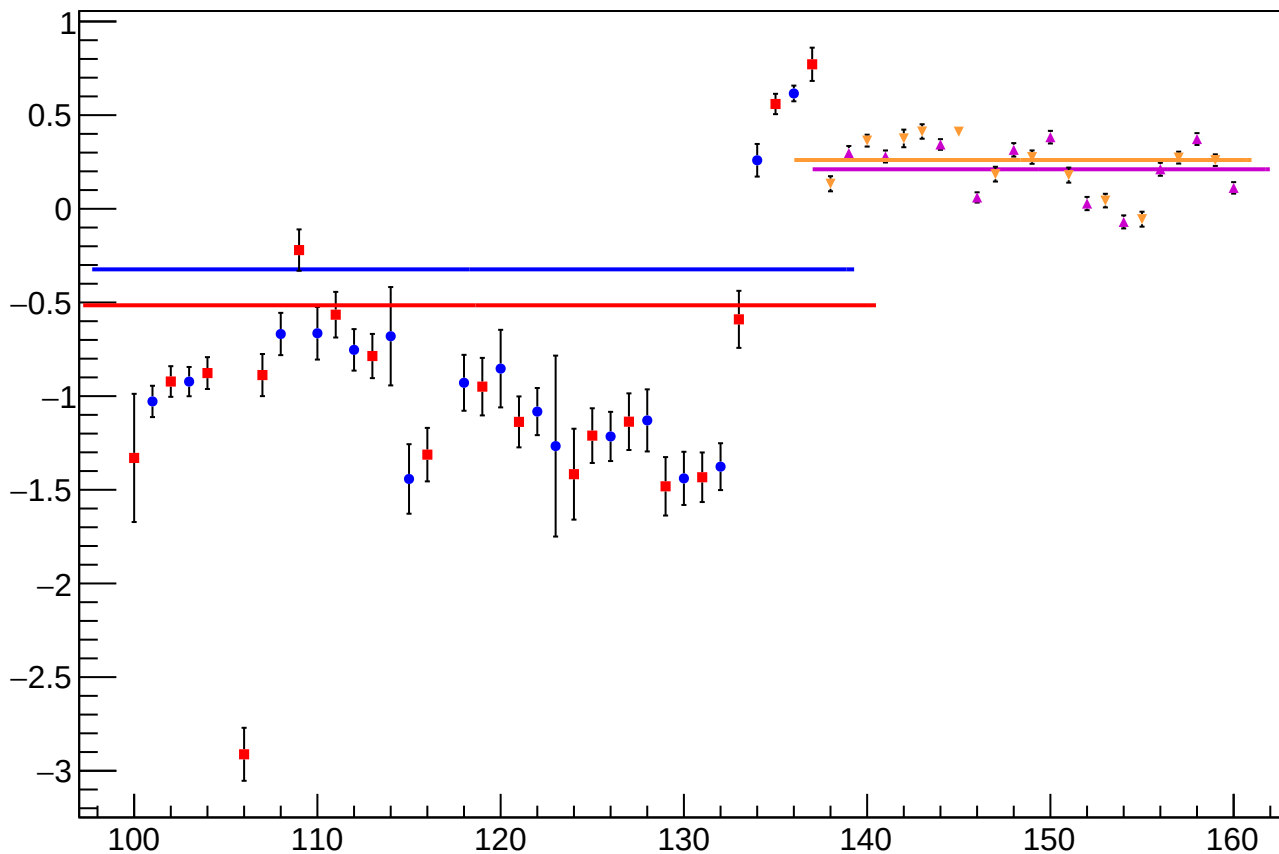
Right Out: 27.435 $\pm$ 0.479 χ^2 /NDF: 3032.4/18

Left In: 42.660 $\pm$ 0.202 χ^2 /NDF: 122.5/10

39.454 $\pm$ 0.191 χ^2 /NDF: 4518.2/28

40.358 $\pm$ 0.186 χ^2 /NDF: 4013.2/29

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.261 ± 0.010 χ^2/NDF : 187.1/11

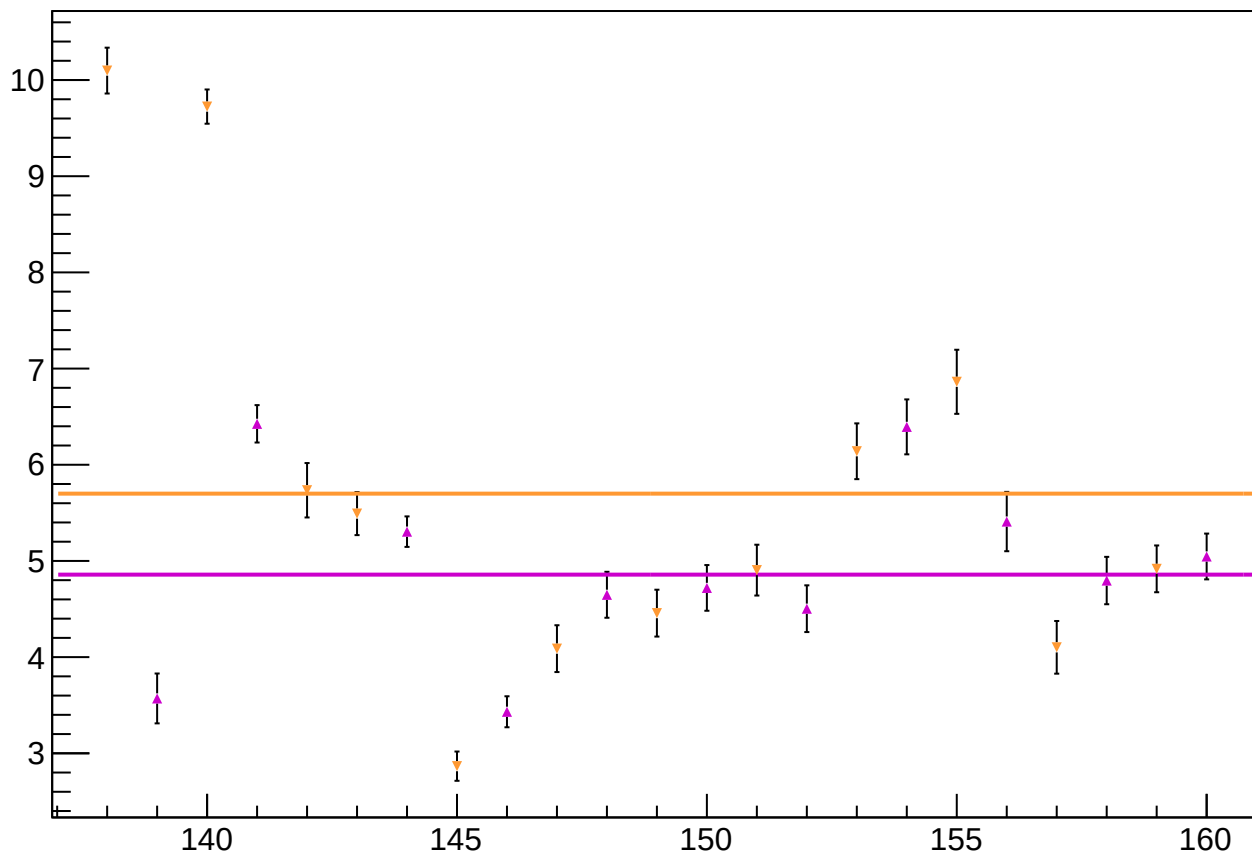
Right Out: -0.515 ± 0.026 χ^2/NDF : 1160.9/18

Left In: 0.211 ± 0.010 χ^2/NDF : 223.7/10

0.179 ± 0.009 χ^2/NDF : 1668.7/28

0.119 ± 0.009 χ^2/NDF : 2078.3/29

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: 5.700+/-0.067 χ^2/NDF :1337.0/11

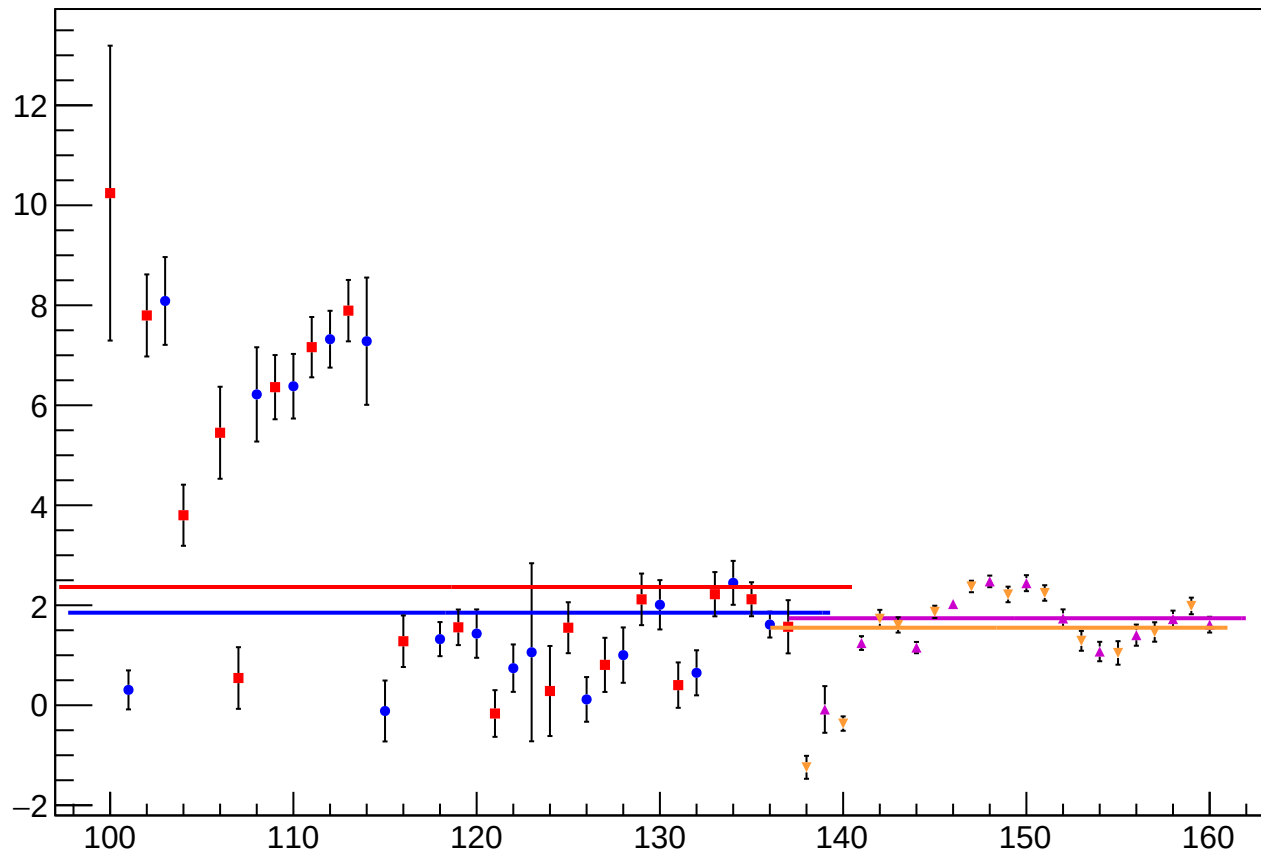
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.858+/-0.066 χ^2/NDF :212.0/10

5.700+/-0.067 χ^2/NDF : 1337.0/11

4.858+/-0.066 χ^2/NDF : 212.0/10

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.851 ± 0.117 χ^2/NDF : 294.2/16

Left Out: 1.551 ± 0.046 χ^2/NDF : 435.2/11

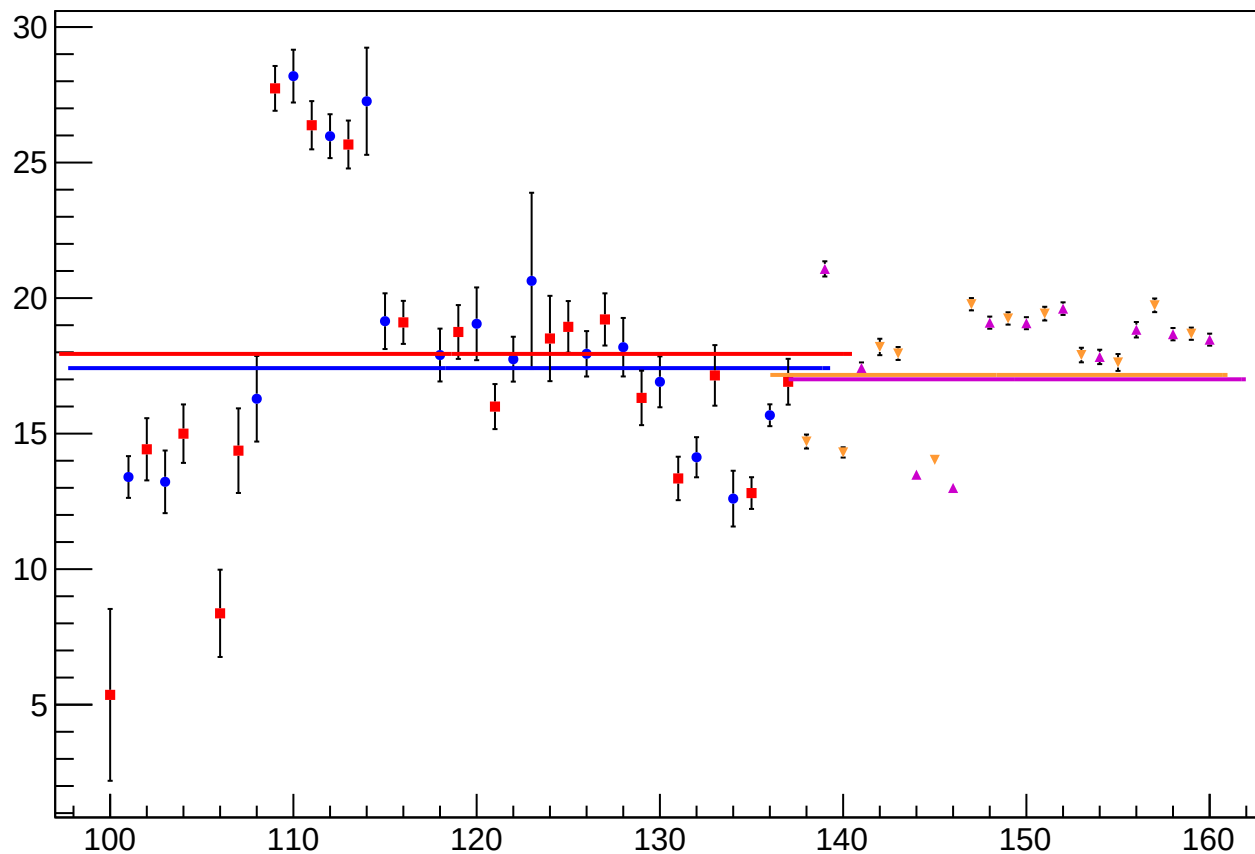
Right Out: 2.365 ± 0.123 χ^2/NDF : 336.2/18

Left In: 1.741 ± 0.044 χ^2/NDF : 138.2/10

1.591 ± 0.043 χ^2/NDF : 735.1/28

1.813 ± 0.042 χ^2/NDF : 497.4/29

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.417 $\pm$ 0.213 χ^2/NDF : 367.0/16

Left Out: 17.165 $\pm$ 0.067 χ^2/NDF : 1170.2/11

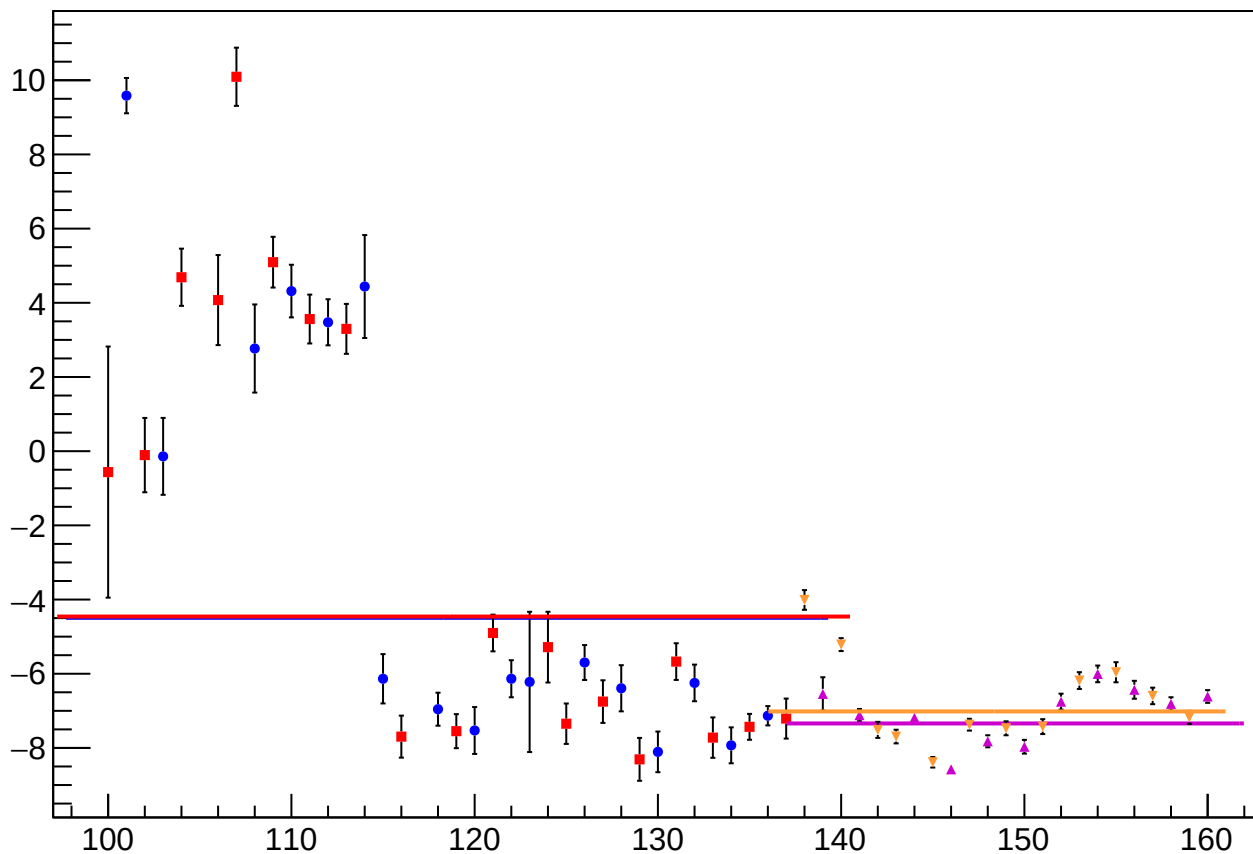
Right Out: 17.941 $\pm$ 0.219 χ^2/NDF : 505.6/18

Left In: 17.004 $\pm$ 0.065 χ^2/NDF : 1763.4/10

17.188 $\pm$ 0.064 χ^2/NDF : 1538.5/28

17.080 $\pm$ 0.062 χ^2/NDF : 2285.8/29

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.491 ± 0.130 $\chi^2/\text{NDF}: 1585.4/16$

Left Out: -7.016 ± 0.055 $\chi^2/\text{NDF}: 394.7/11$

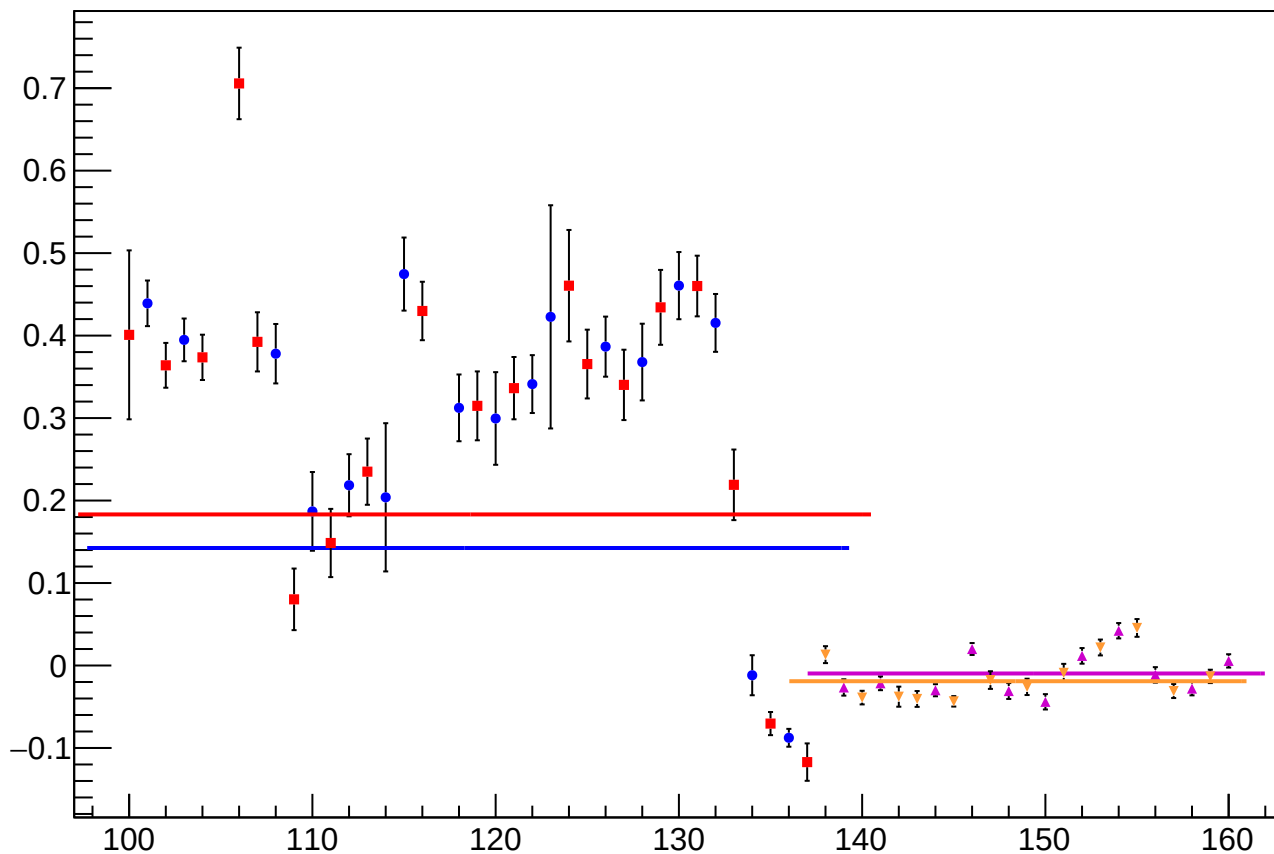
Right Out: -4.458 ± 0.137 $\chi^2/\text{NDF}: 1338.9/18$

Left In: -7.340 ± 0.053 $\chi^2/\text{NDF}: 209.3/10$

-6.630 ± 0.051 $\chi^2/\text{NDF}: 2297.4/28$

-6.962 ± 0.050 $\chi^2/\text{NDF}: 1932.6/29$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 ± 0.007 χ^2/NDF : 1058.8/16

Left Out: -0.019 ± 0.003 χ^2/NDF : 95.7/11

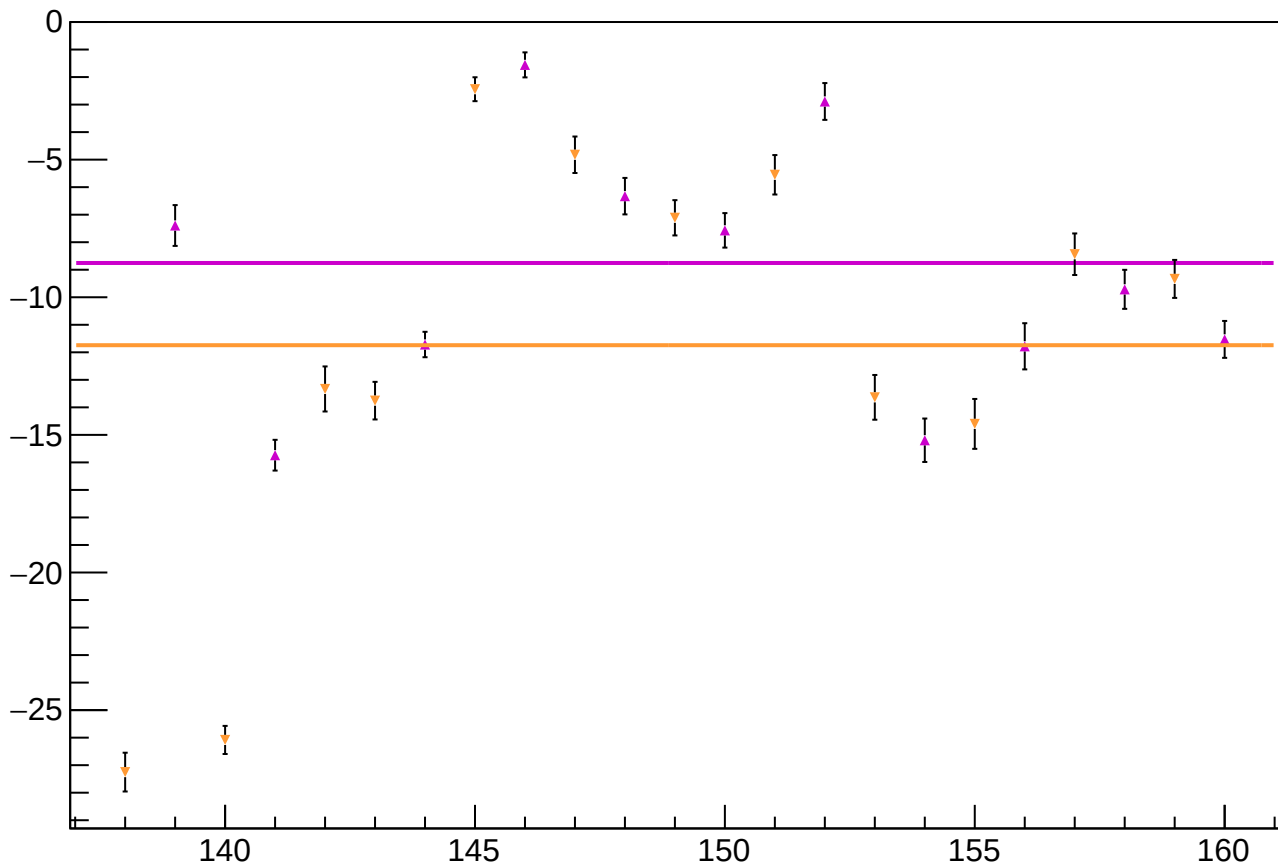
Right Out: 0.183 ± 0.007 χ^2/NDF : 1000.9/18

Left In: -0.010 ± 0.003 χ^2/NDF : 92.7/10

0.001 ± 0.002 χ^2/NDF : 1612.2/28

0.011 ± 0.002 χ^2/NDF : 1697.3/29

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.742+/-0.189 χ^2/NDF :2027.5/11

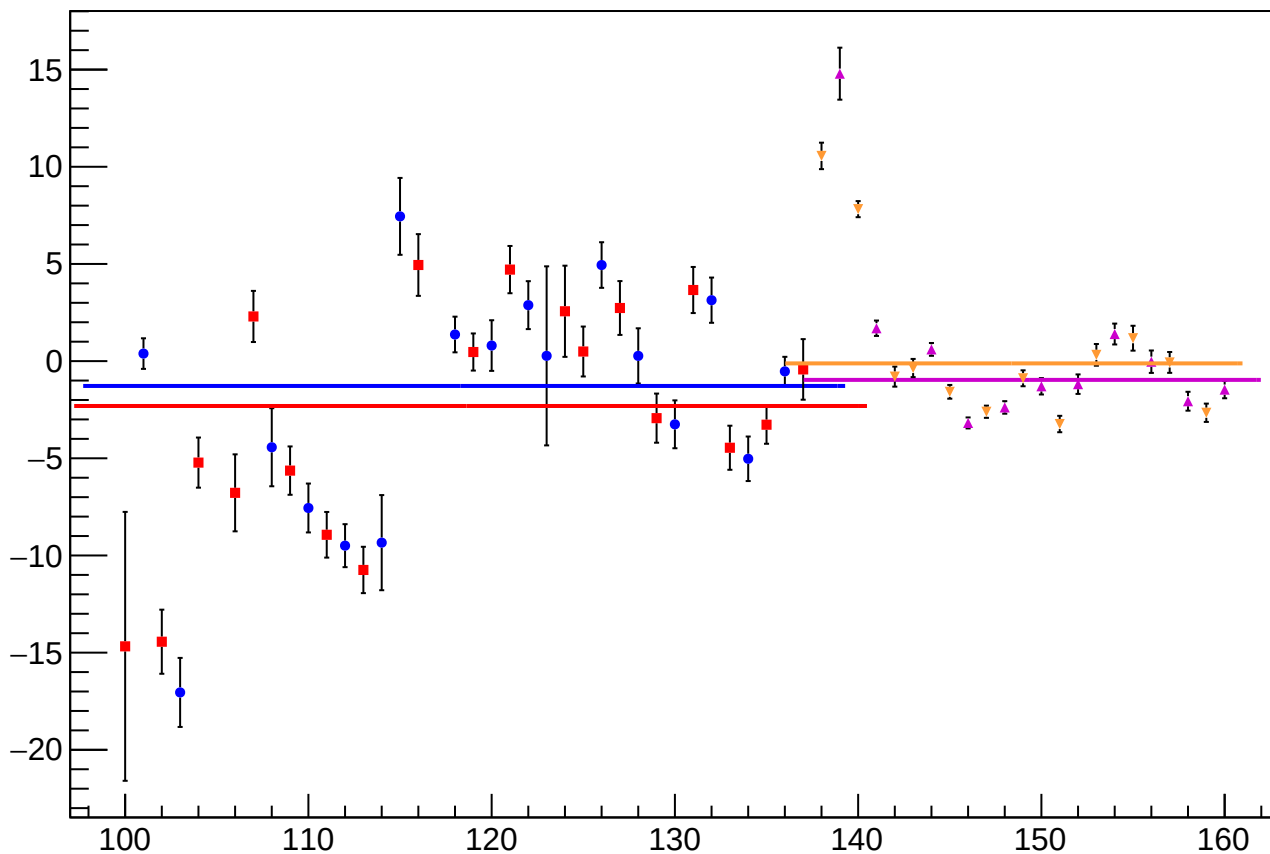
-11.742+/-0.189 χ^2/NDF : 2027.5/11

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

Left In: -8.755+/-0.186 χ^2/NDF :644.3/10

-8.755+/-0.186 χ^2/NDF : 644.3/10

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 ± 0.292 $\chi^2/\text{NDF}: 276.5/16$

Left Out: -0.117 ± 0.130 $\chi^2/\text{NDF}: 786.7/11$

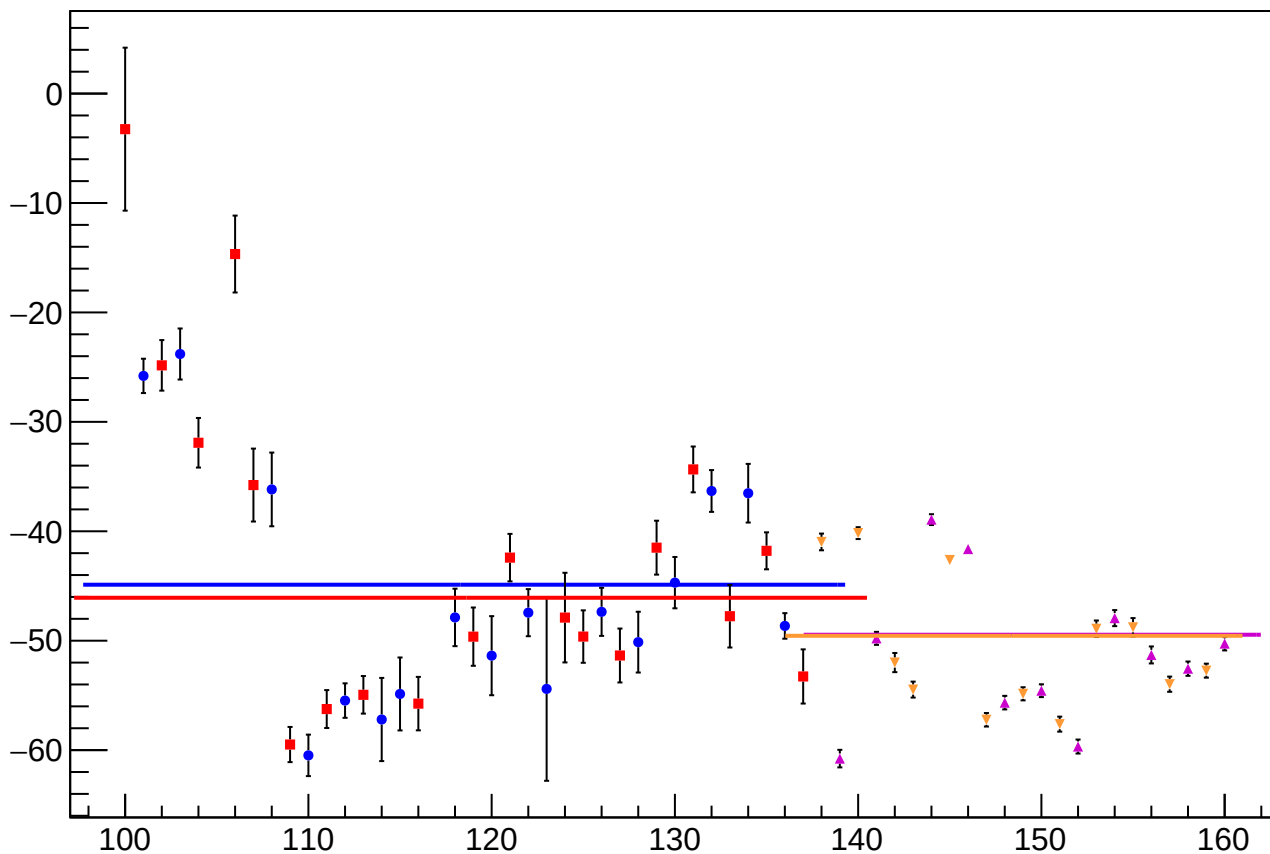
Right Out: -2.309 ± 0.302 $\chi^2/\text{NDF}: 285.3/18$

Left In: -0.965 ± 0.125 $\chi^2/\text{NDF}: 316.1/10$

-0.307 ± 0.118 $\chi^2/\text{NDF}: 1076.4/28$

-1.163 ± 0.116 $\chi^2/\text{NDF}: 618.3/29$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 $\pm$ 0.524 χ^2/NDF : 421.0/16

Left Out: -49.552 $\pm$ 0.188 χ^2/NDF : 1141.5/11

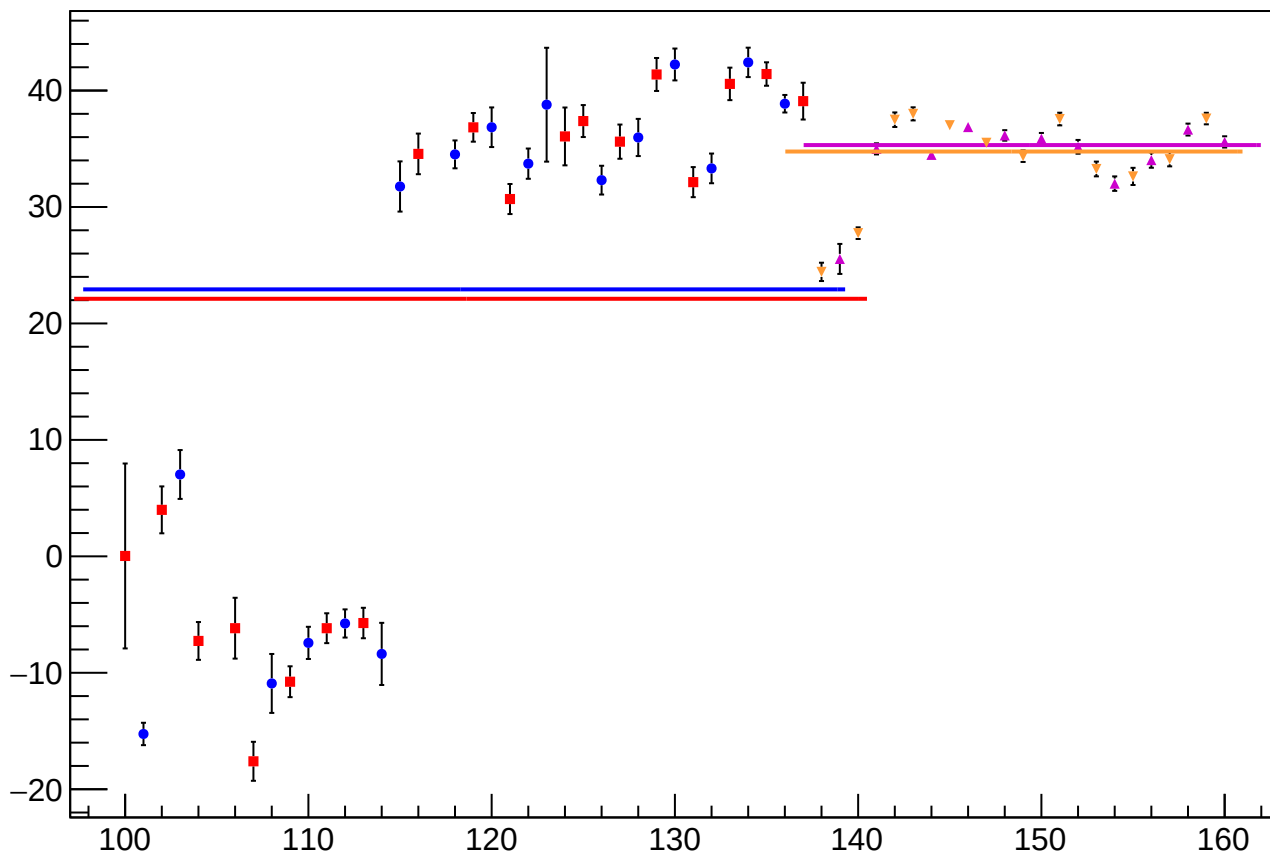
Right Out: -46.075 $\pm$ 0.529 χ^2/NDF : 454.3/18

Left In: -49.455 $\pm$ 0.182 χ^2/NDF : 1438.1/10

-49.018 $\pm$ 0.177 χ^2/NDF : 1632.7/28

-49.095 $\pm$ 0.172 χ^2/NDF : 1928.9/29

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.926 $\pm$ 0.328 χ^2 /NDF: 4330.2/16

Left Out: 34.763 $\pm$ 0.156 χ^2 /NDF: 528.7/11

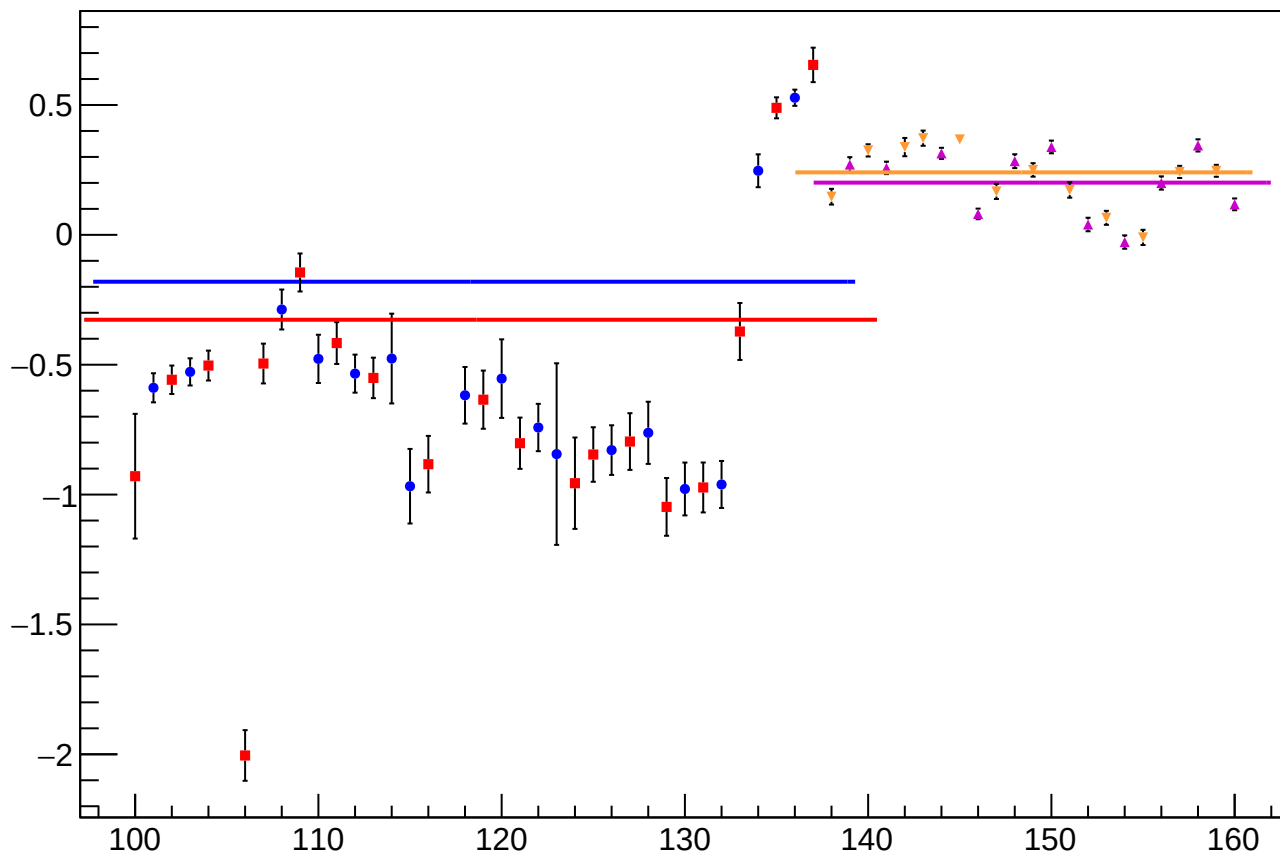
Right Out: 22.117 $\pm$ 0.340 χ^2 /NDF: 4033.4/18

Left In: 35.318 $\pm$ 0.150 χ^2 /NDF: 125.6/10

32.582 $\pm$ 0.141 χ^2 /NDF: 5920.9/28

33.164 $\pm$ 0.137 χ^2 /NDF: 5420.8/29

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.241 ± 0.007 χ^2/NDF : 226.7/11

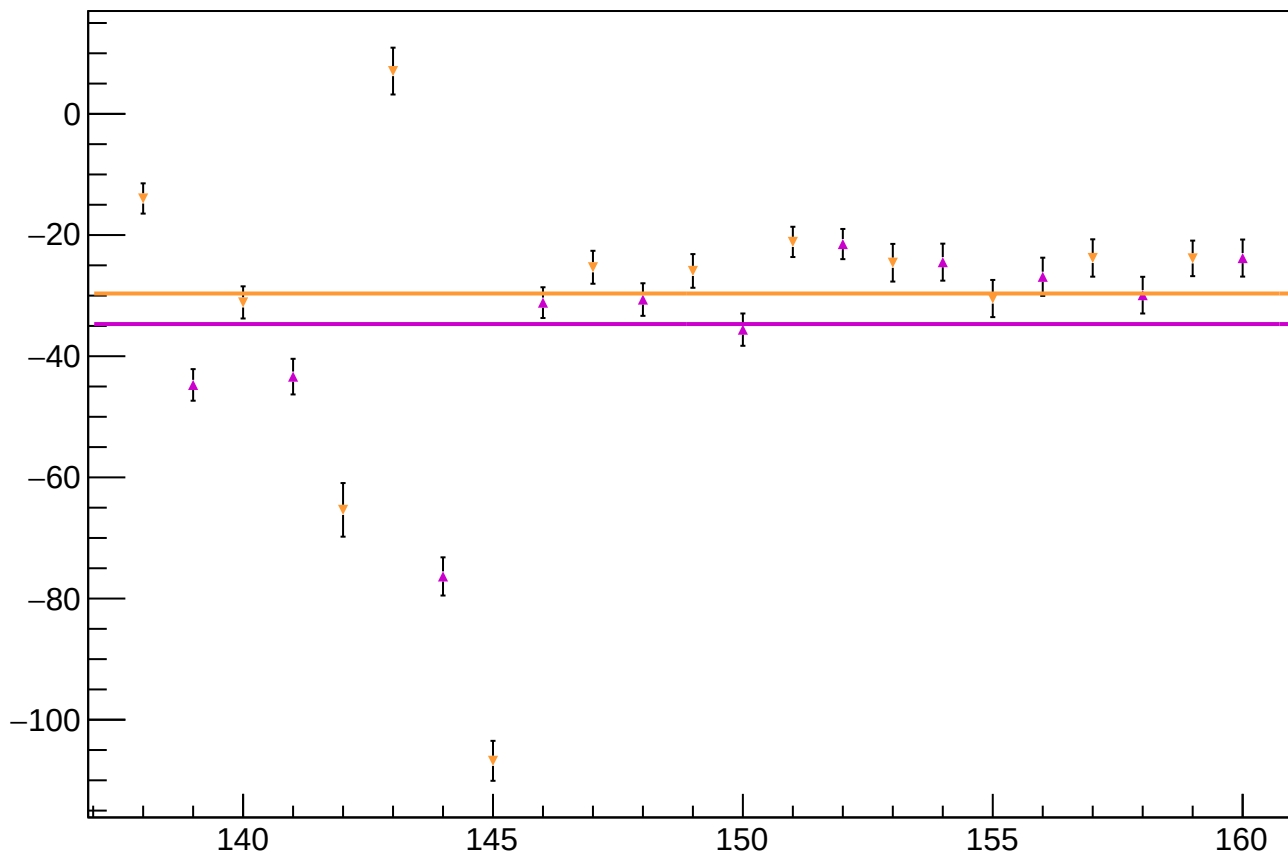
Right Out: -0.327 ± 0.018 χ^2/NDF : 1175.6/18

Left In: 0.201 ± 0.007 χ^2/NDF : 283.2/10

0.177 ± 0.007 χ^2/NDF : 1699.6/28

0.128 ± 0.007 χ^2/NDF : 2184.2/29

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -29.648+/-0.855 χ^2/NDF : 768.8/11

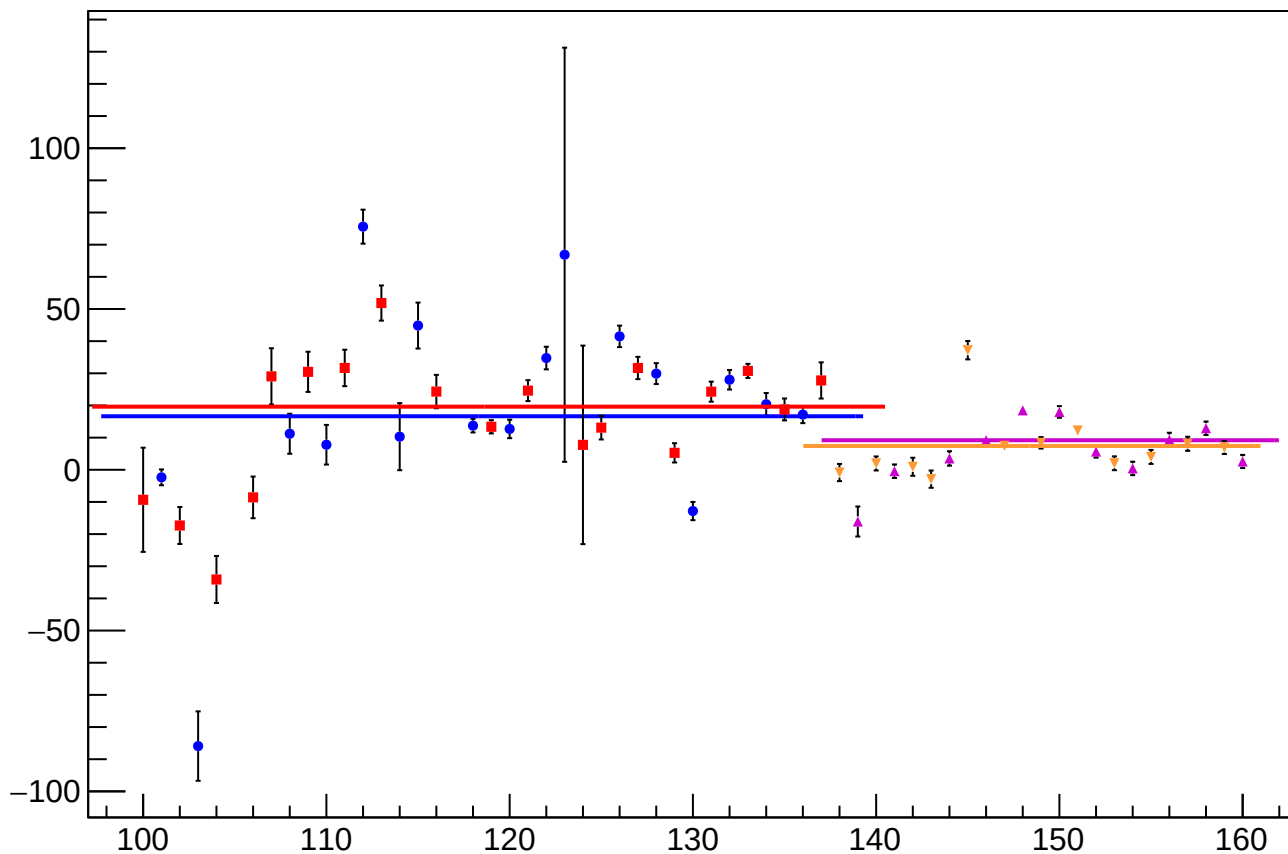
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.692+/-0.850 χ^2/NDF : 263.1/10

-29.648+/-0.855 χ^2/NDF : 768.8/11

-34.692+/-0.850 χ^2/NDF : 263.1/10

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.641 ± 0.859 χ^2/NDF : 518.9/16

Left Out: 7.404 ± 0.575 χ^2/NDF : 165.2/11

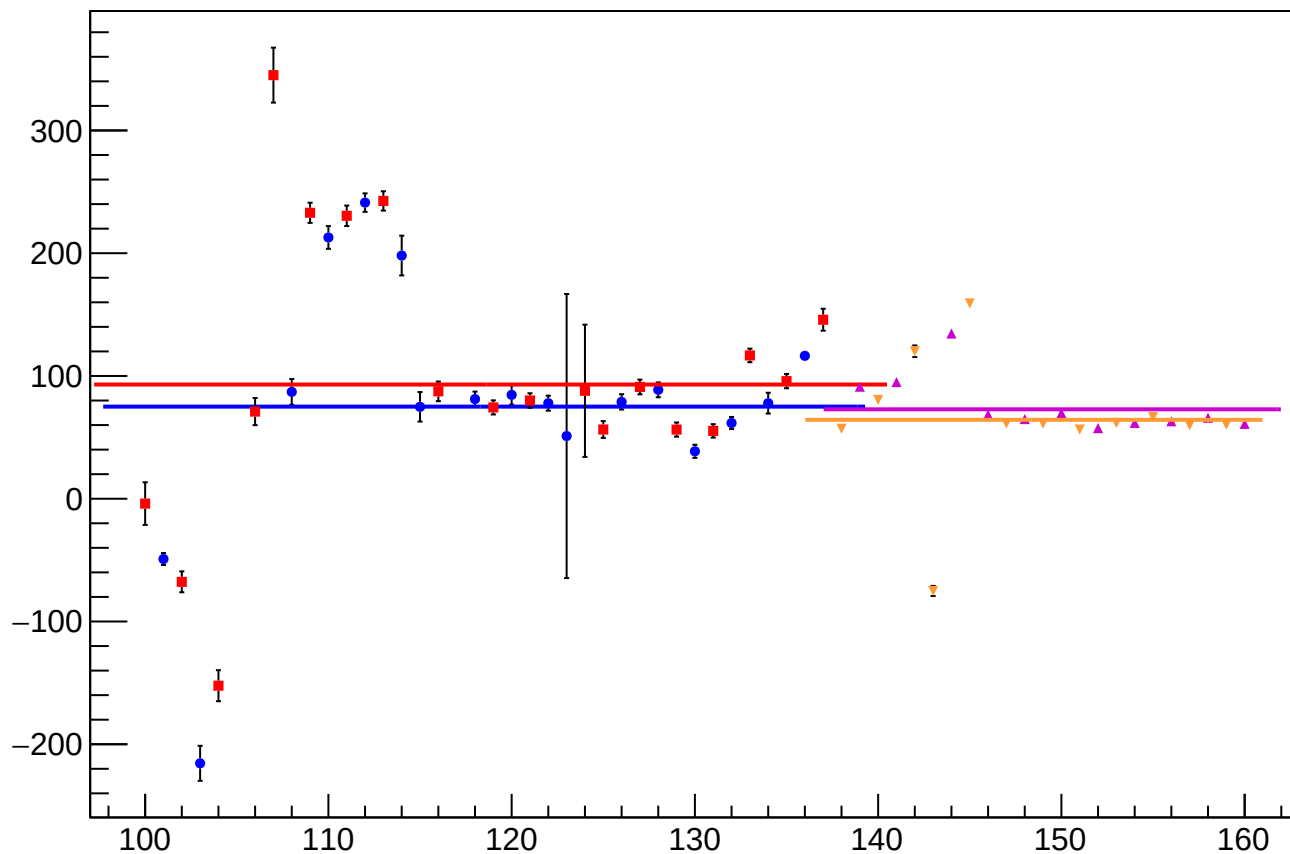
Right Out: 19.632 ± 0.896 χ^2/NDF : 241.7/18

Left In: 9.187 ± 0.577 χ^2/NDF : 165.7/10

10.260 ± 0.478 χ^2/NDF : 764.0/28

12.245 ± 0.485 χ^2/NDF : 503.4/29

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032+/-1.647 χ^2 /NDF: 1999.7/16

Left Out: 64.280+/-0.836 χ^2 /NDF: 2107.6/11

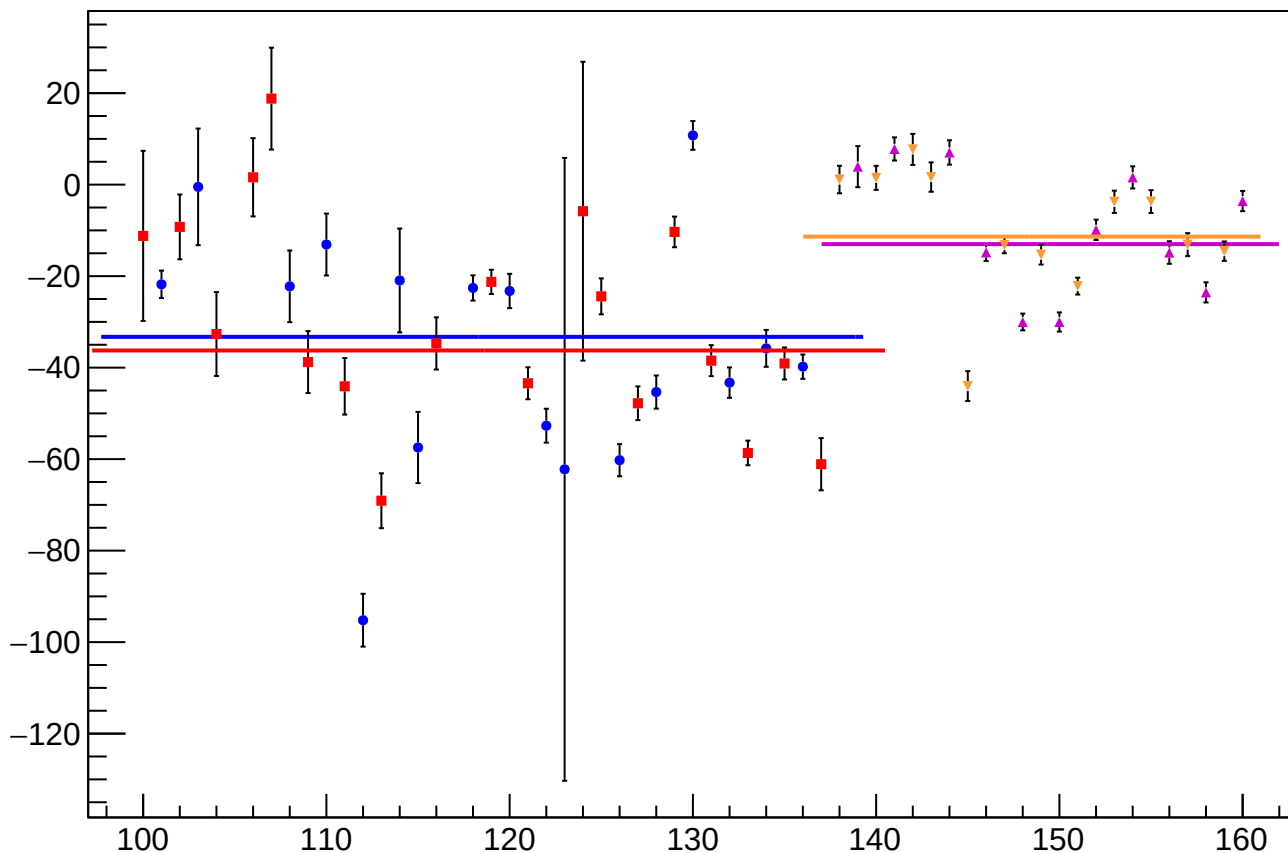
Right Out: 93.028+/-1.711 χ^2 /NDF: 2003.6/18

Left In: 72.836+/-0.824 χ^2 /NDF: 533.8/10

66.486+/-0.746 χ^2 /NDF: 4141.2/28

76.639+/-0.743 χ^2 /NDF: 2650.4/29

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 χ^2/NDF : 489.4/16

Left Out: -11.365 ± 0.695 χ^2/NDF : 250.3/11

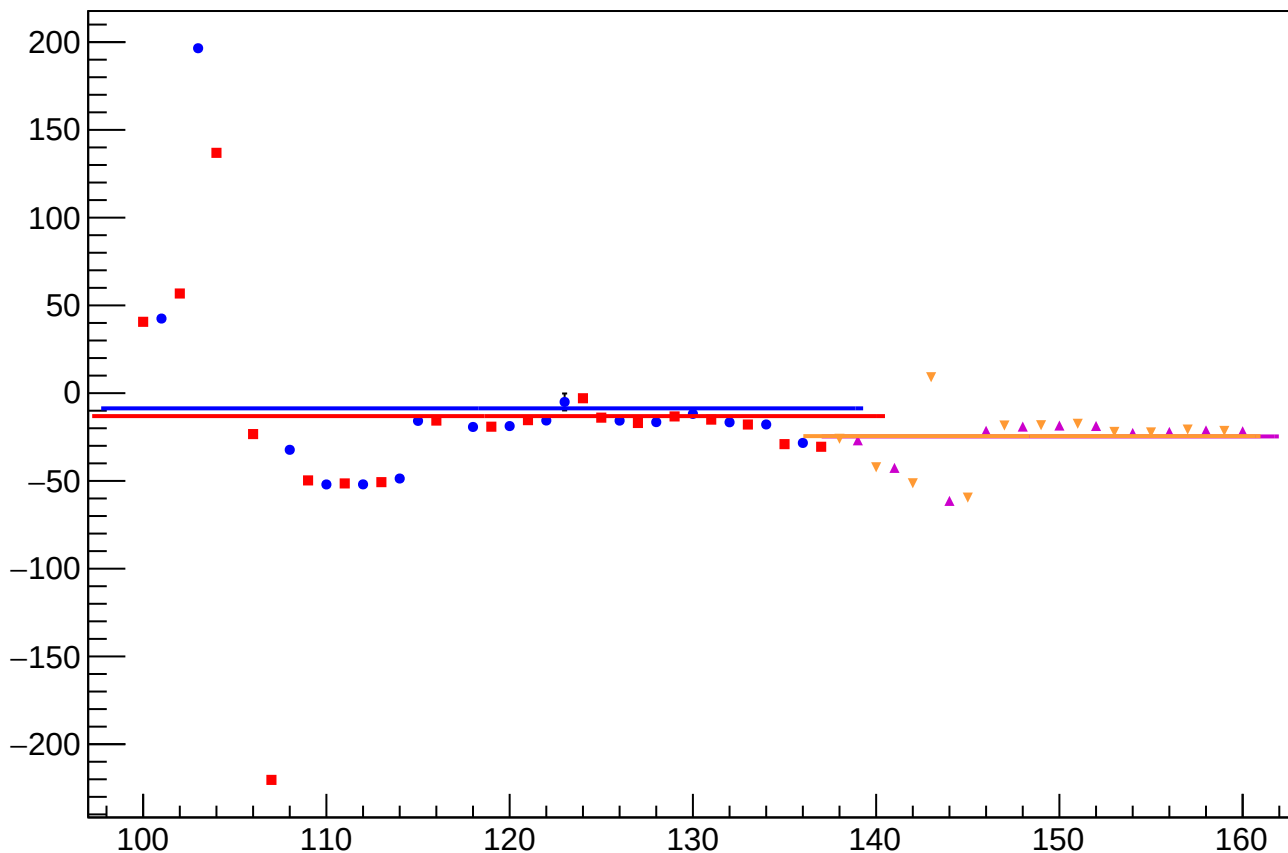
Right Out: -36.251 ± 1.024 χ^2/NDF : 297.6/18

Left In: -12.999 ± 0.690 χ^2/NDF : 372.3/10

-18.682 ± 0.568 χ^2/NDF : 1071.1/28

-20.262 ± 0.572 χ^2/NDF : 1024.6/29

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657 ± 0.059 χ^2/NDF : 575742.7/16

Left Out: -24.483 ± 0.033 χ^2/NDF : 163190.3/11

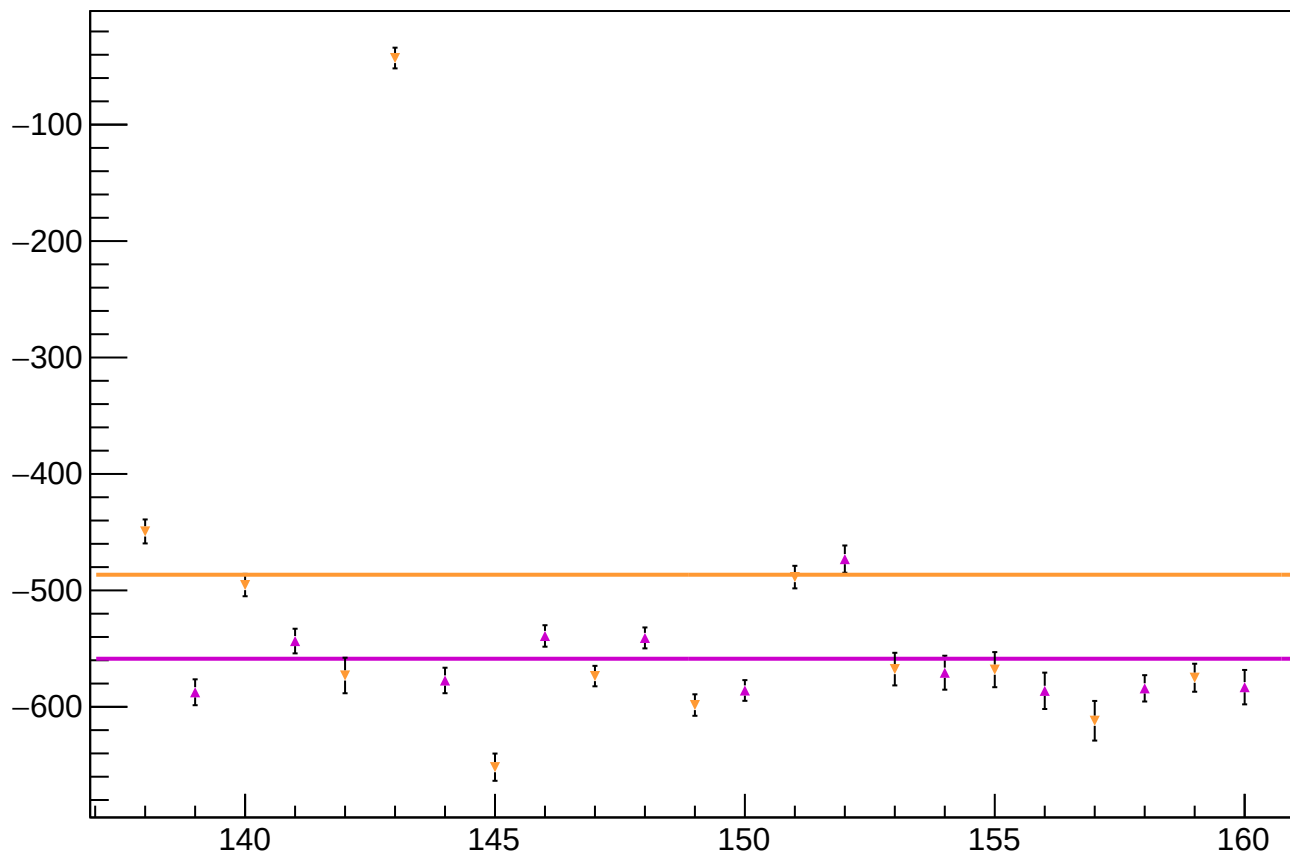
Right Out: -13.077 ± 0.062 χ^2/NDF : 558318.9/18

Left In: -24.656 ± 0.032 χ^2/NDF : 96415.6/10

-20.754 ± 0.029 χ^2/NDF : 793775.8/28

-22.207 ± 0.028 χ^2/NDF : 682390.2/29

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -486.538+/-3.167 χ^2/NDF : 3148.0/11

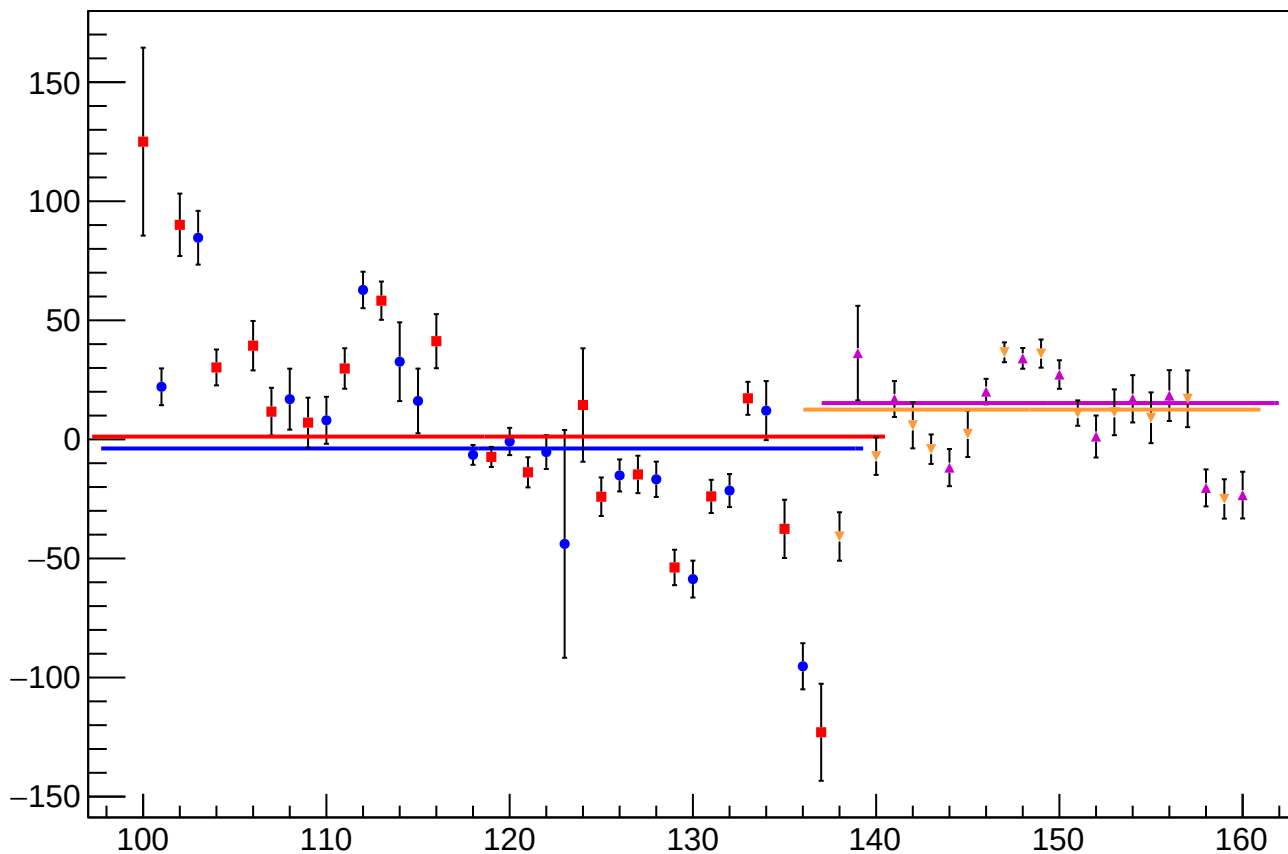
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -558.688+/-3.321 χ^2/NDF : 94.6/10

-486.538+/-3.167 χ^2/NDF : 3148.0/11

-558.688+/-3.321 χ^2/NDF : 94.6/10

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 12.523 ± 2.058 χ^2/NDF : 112.7/11

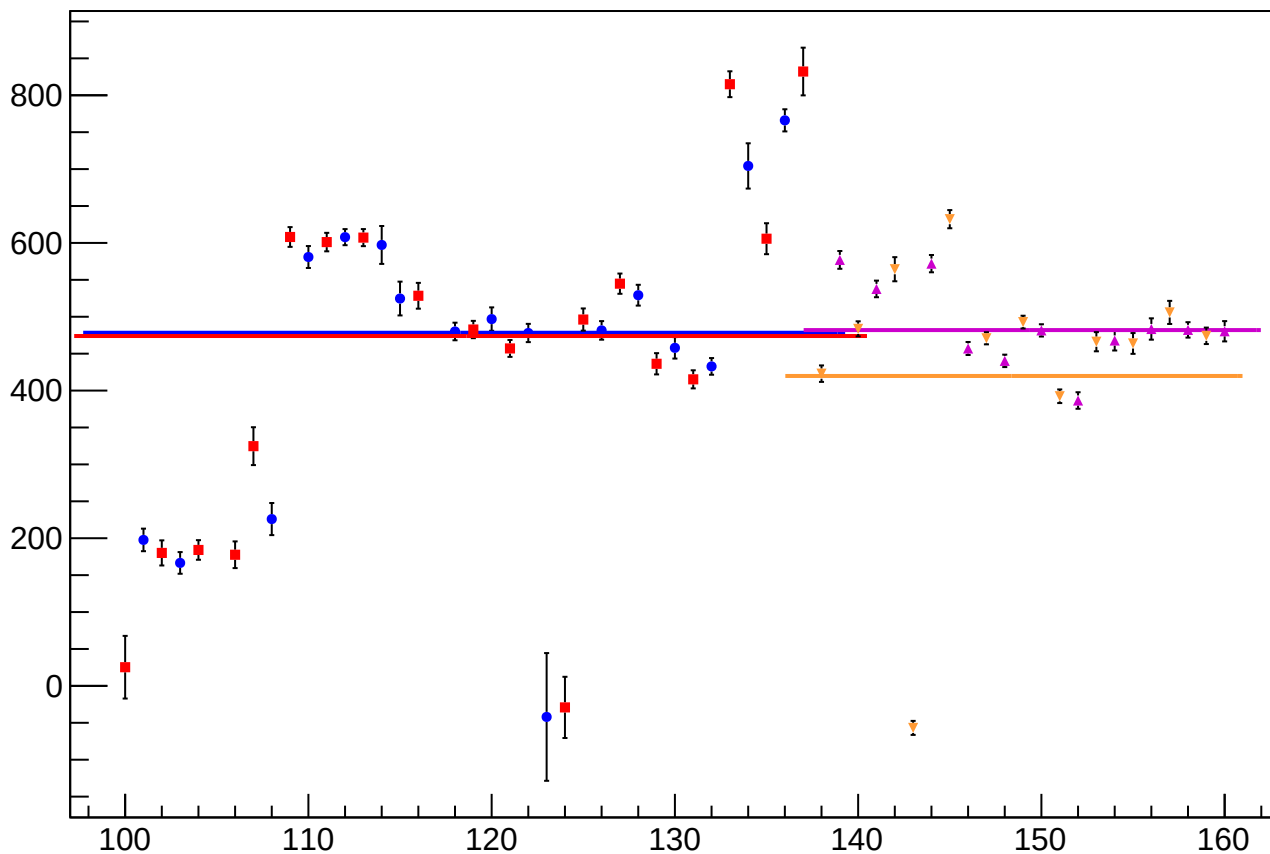
Right Out: 1.175 ± 1.914 χ^2/NDF : 303.9/18

Left In: 15.264 ± 2.178 χ^2/NDF : 75.8/10

3.801 ± 1.405 χ^2/NDF : 460.7/28

7.313 ± 1.438 χ^2/NDF : 403.3/29

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334 ± 3.662 $\chi^2/\text{NDF}: 1628.8/16$

Left Out: 419.787 ± 3.129 $\chi^2/\text{NDF}: 3129.1/11$

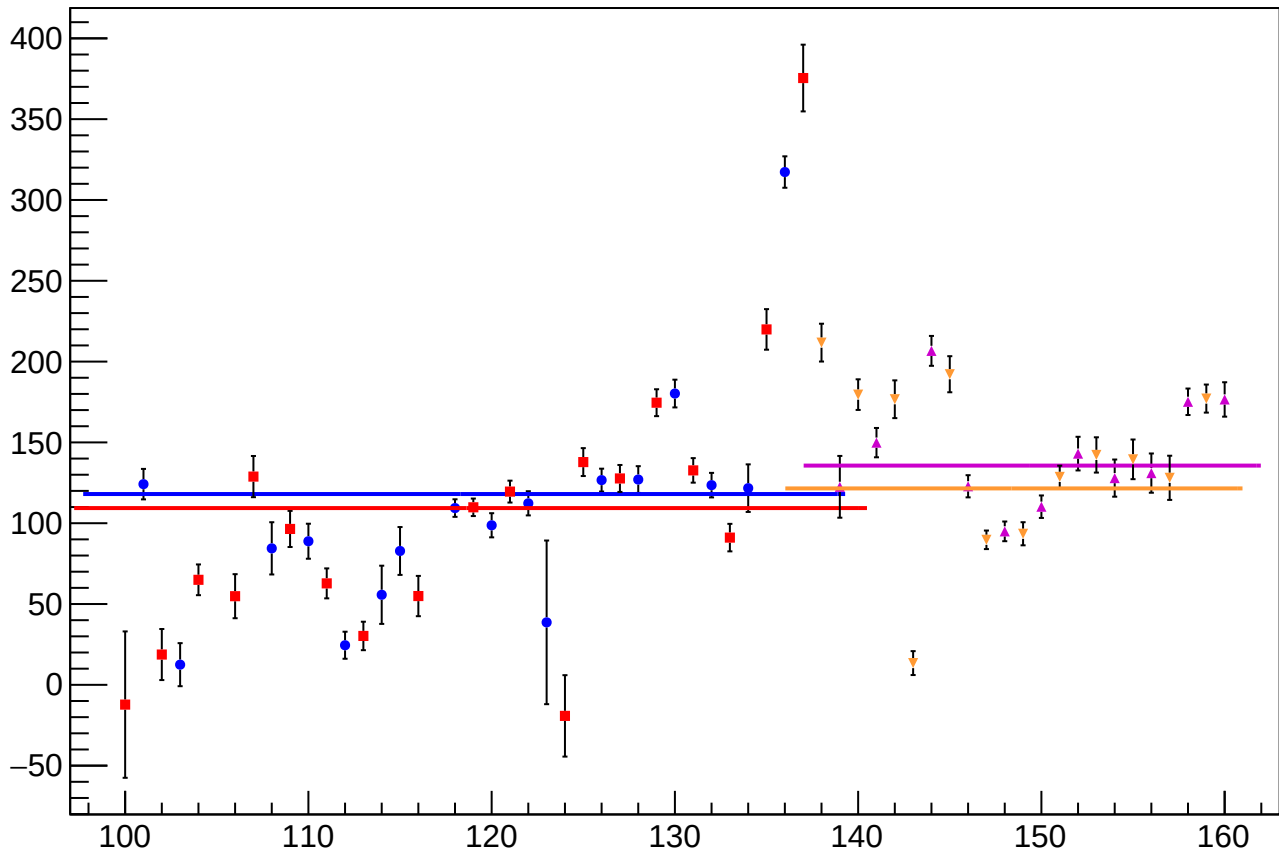
Right Out: 473.902 ± 3.531 $\chi^2/\text{NDF}: 2285.0/18$

Left In: 481.946 ± 3.225 $\chi^2/\text{NDF}: 252.0/10$

444.491 ± 2.379 $\chi^2/\text{NDF}: 4905.7/28$

478.288 ± 2.381 $\chi^2/\text{NDF}: 2539.8/29$

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 χ^2/NDF : 705.3/16

Left Out: 121.529 ± 2.529 χ^2/NDF : 467.0/11

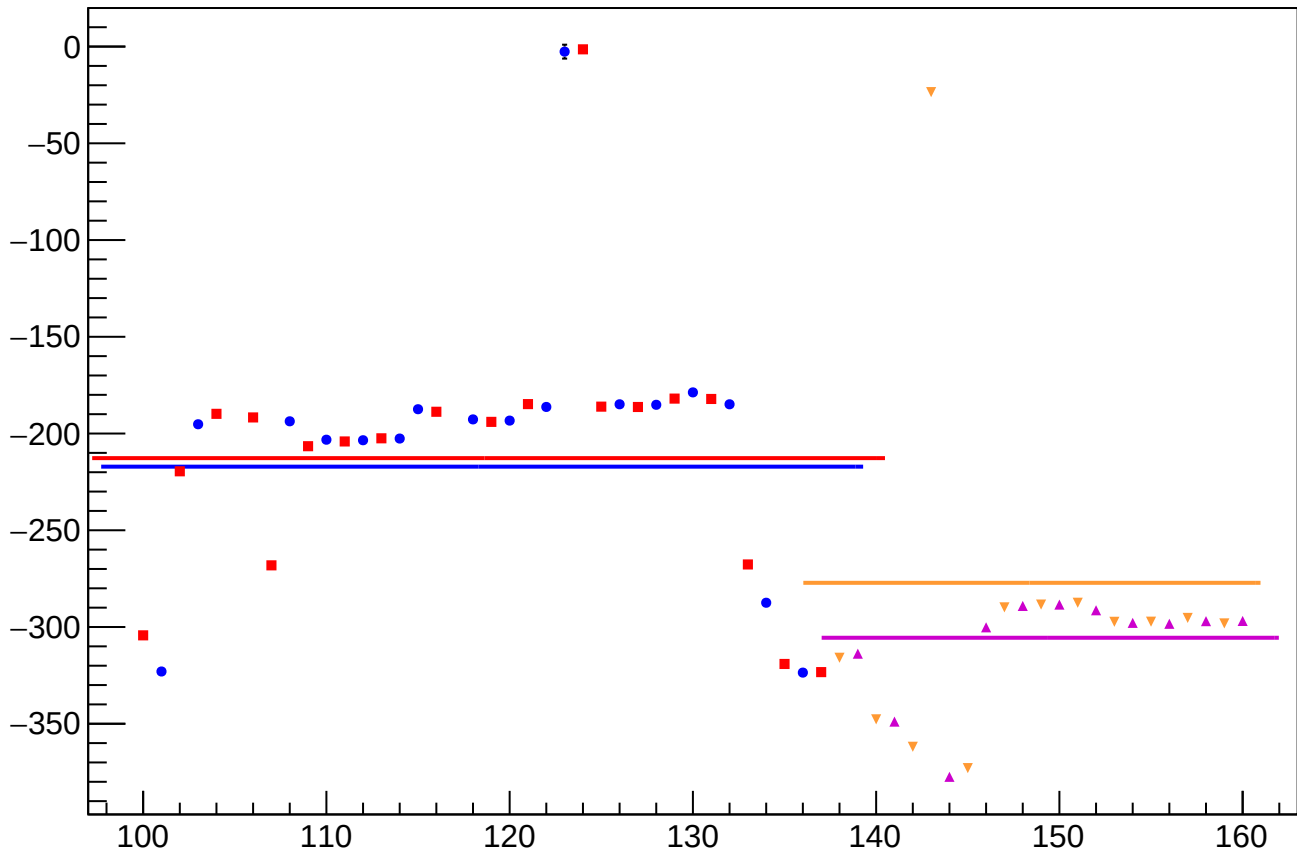
Right Out: 109.367 ± 2.205 χ^2/NDF : 569.8/18

Left In: 135.653 ± 2.647 χ^2/NDF : 162.4/10

119.571 ± 1.671 χ^2/NDF : 1173.4/28

120.133 ± 1.694 χ^2/NDF : 790.4/29

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: -277.158+/-0.127 χ^2/NDF : 543359.2/11

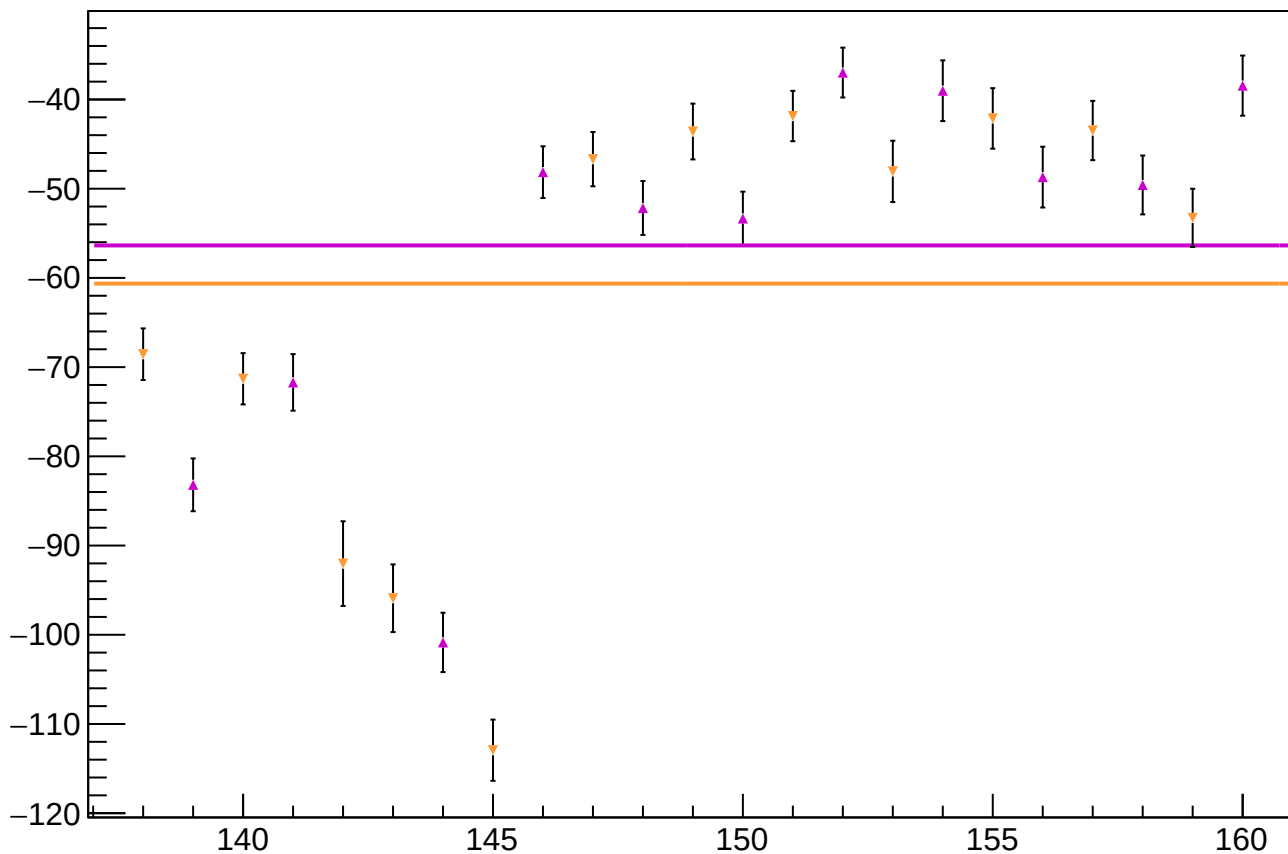
Right Out: -212.715+/-0.130 χ^2/NDF : 115566.2/18

Left In: -305.555+/-0.128 χ^2/NDF : 36032.4/10

-249.377+/-0.093 χ^2/NDF : 793745.7/28

-259.826+/-0.091 χ^2/NDF : 409700.1/29

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -60.640+/-0.940 χ^2/NDF : 554.2/11

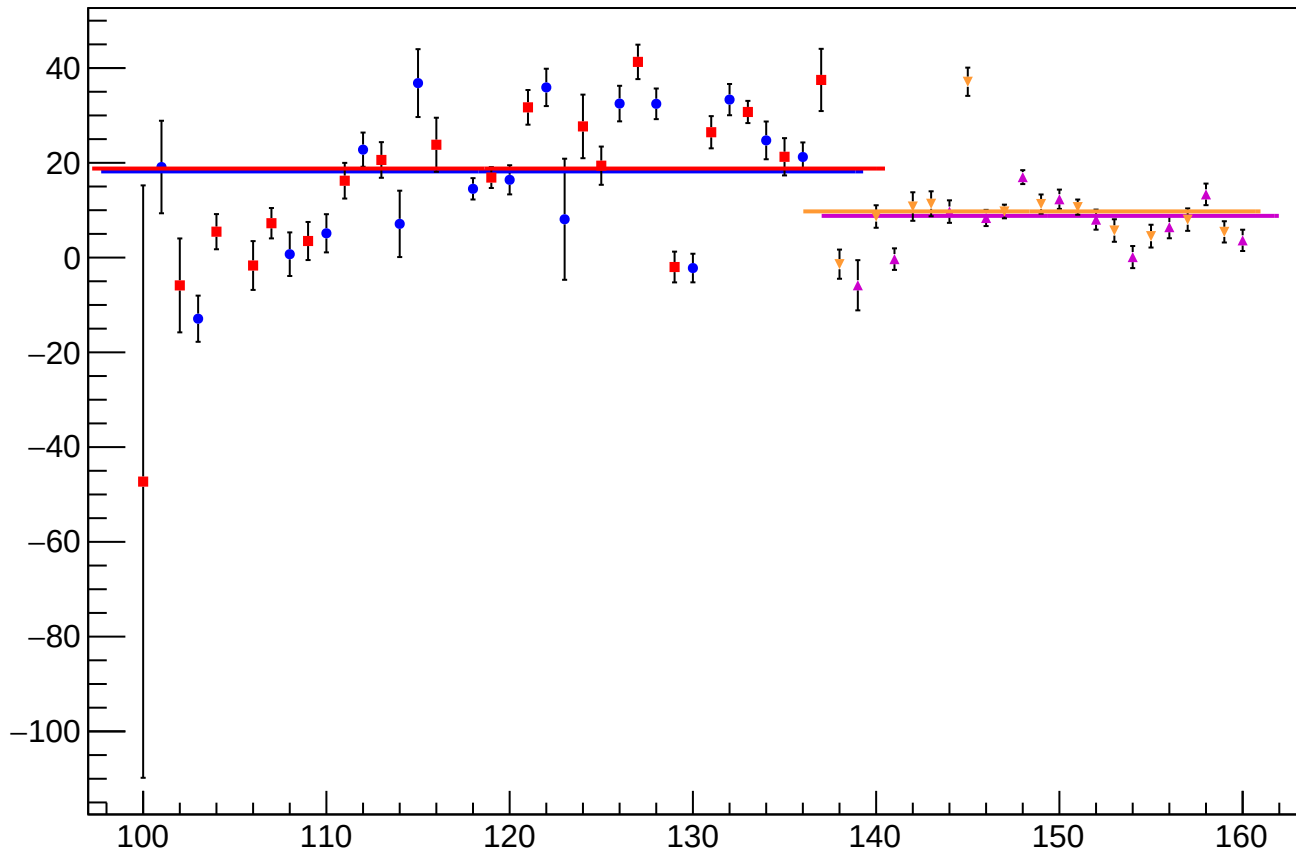
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.358+/-0.943 χ^2/NDF : 407.2/10

-60.640+/-0.940 χ^2/NDF : 554.2/11

-56.358+/-0.943 χ^2/NDF : 407.2/10

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.188+/-0.917 χ^2 /NDF: 204.9/16

Left Out: 9.748+/-0.633 χ^2 /NDF: 110.8/11

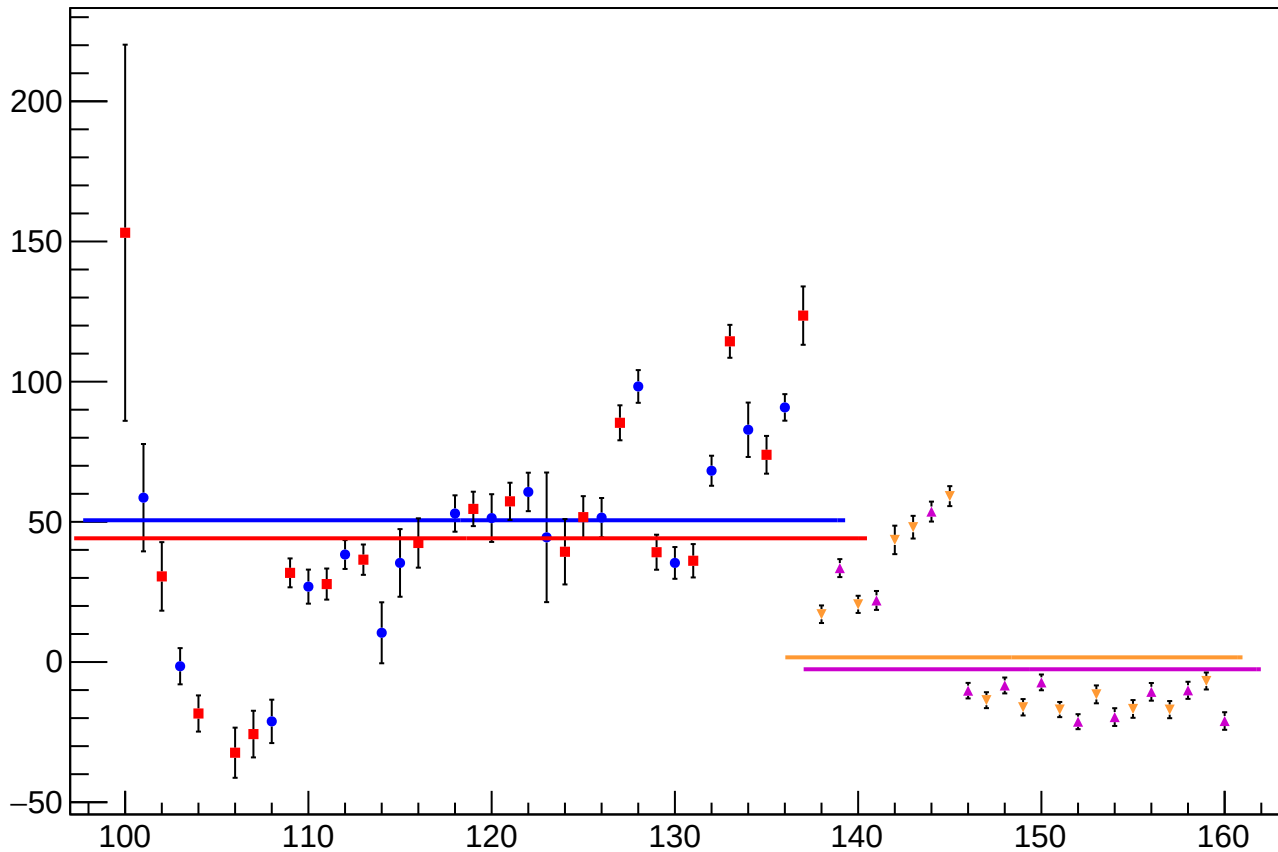
Right Out: 18.791+/-0.863 χ^2 /NDF: 198.8/18

Left In: 8.805+/-0.641 χ^2 /NDF: 82.3/10

12.473+/-0.521 χ^2 /NDF: 373.0/28

12.358+/-0.515 χ^2 /NDF: 367.3/29

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565 ± 1.678 $\chi^2/\text{NDF} = 357.9/16$

Left Out: 1.672 ± 0.921 $\chi^2/\text{NDF} = 731.8/11$

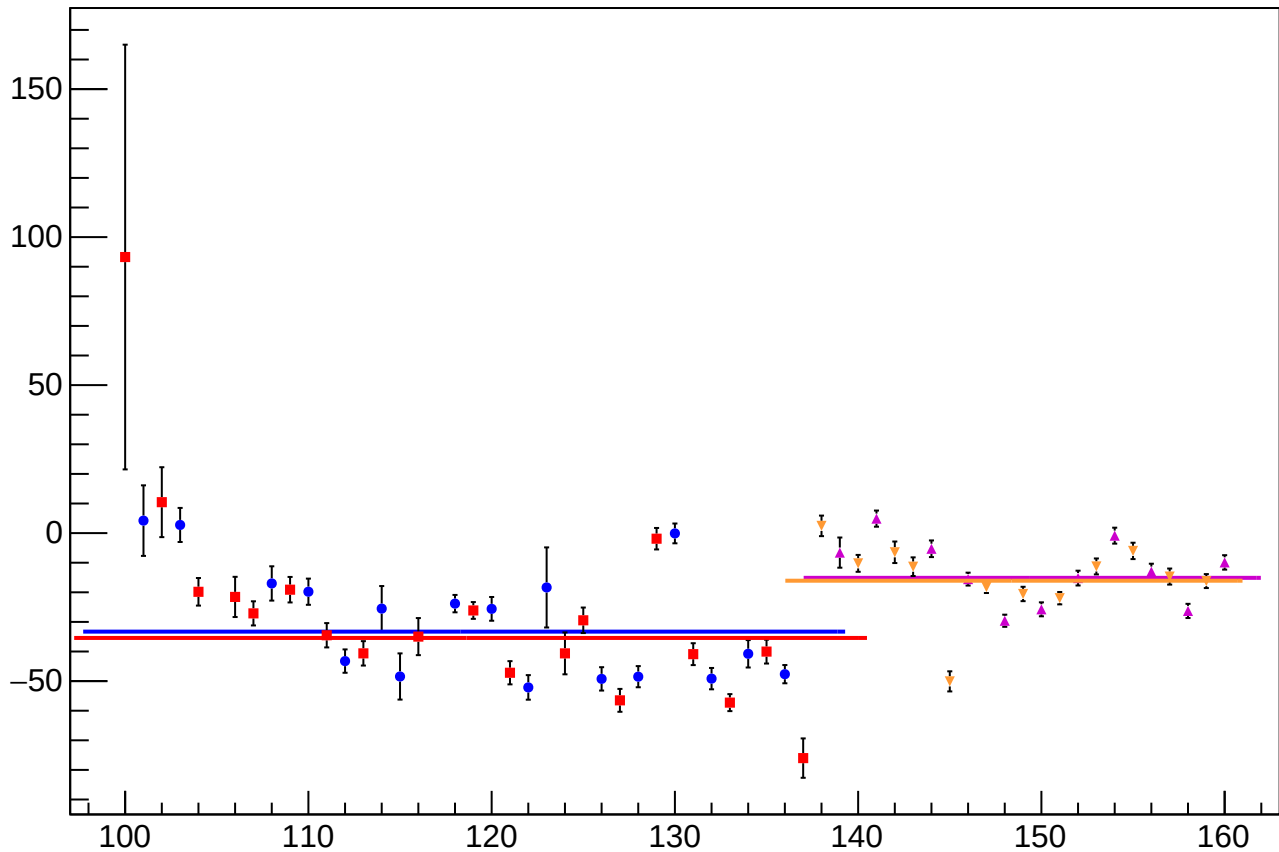
Right Out: 44.132 ± 1.603 $\chi^2/\text{NDF} = 532.5/18$

Left In: -2.580 ± 0.915 $\chi^2/\text{NDF} = 569.0/10$

12.996 ± 0.807 $\chi^2/\text{NDF} = 1742.4/28$

8.902 ± 0.795 $\chi^2/\text{NDF} = 1742.4/29$

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -16.081 ± 0.766 χ^2/NDF : 171.5/11

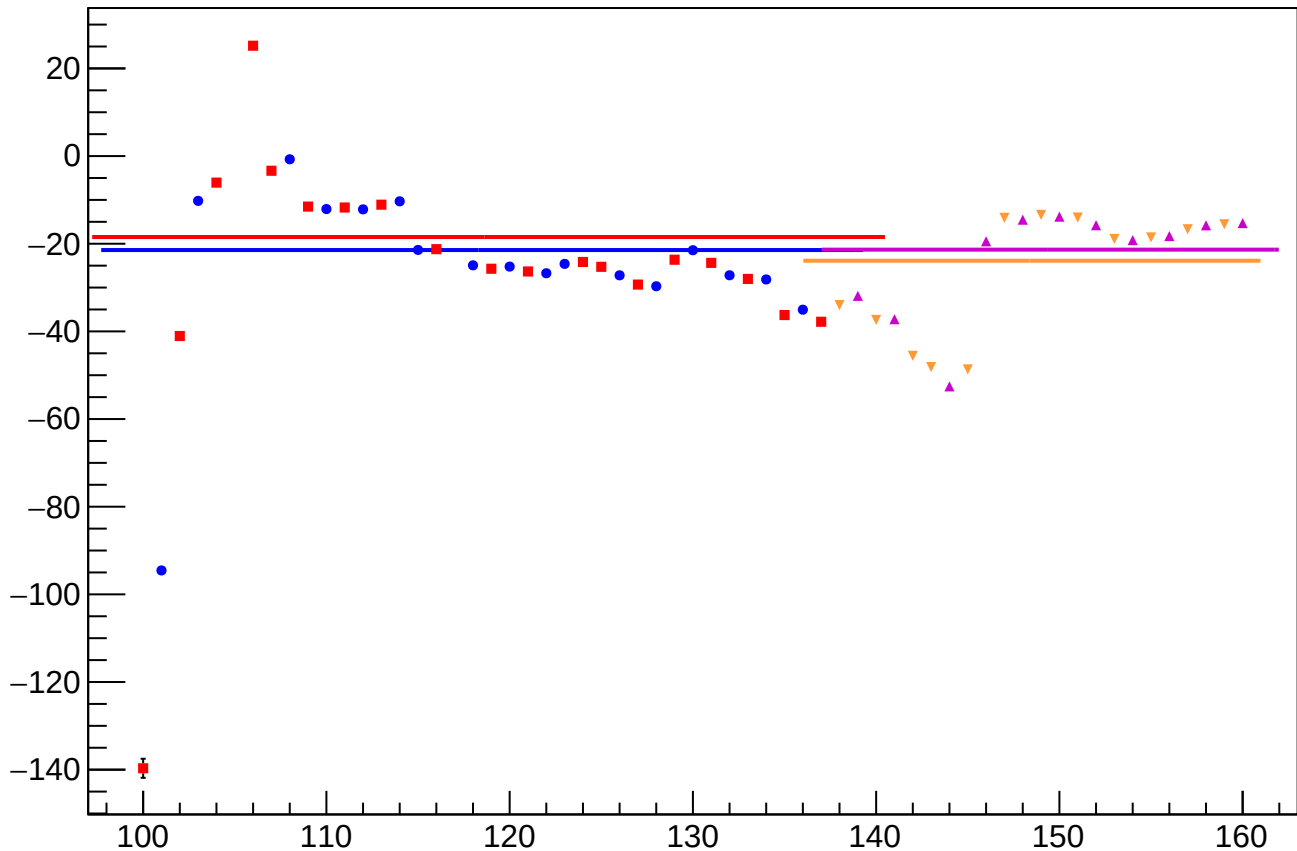
Right Out: -35.417 ± 0.991 χ^2/NDF : 289.7/18

Left In: -15.112 ± 0.766 χ^2/NDF : 193.9/10

-22.101 ± 0.617 χ^2/NDF : 638.2/28

-22.697 ± 0.606 χ^2/NDF : 746.4/29

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -23.875 ± 0.036 $\chi^2/\text{NDF}: 116399.1/11$

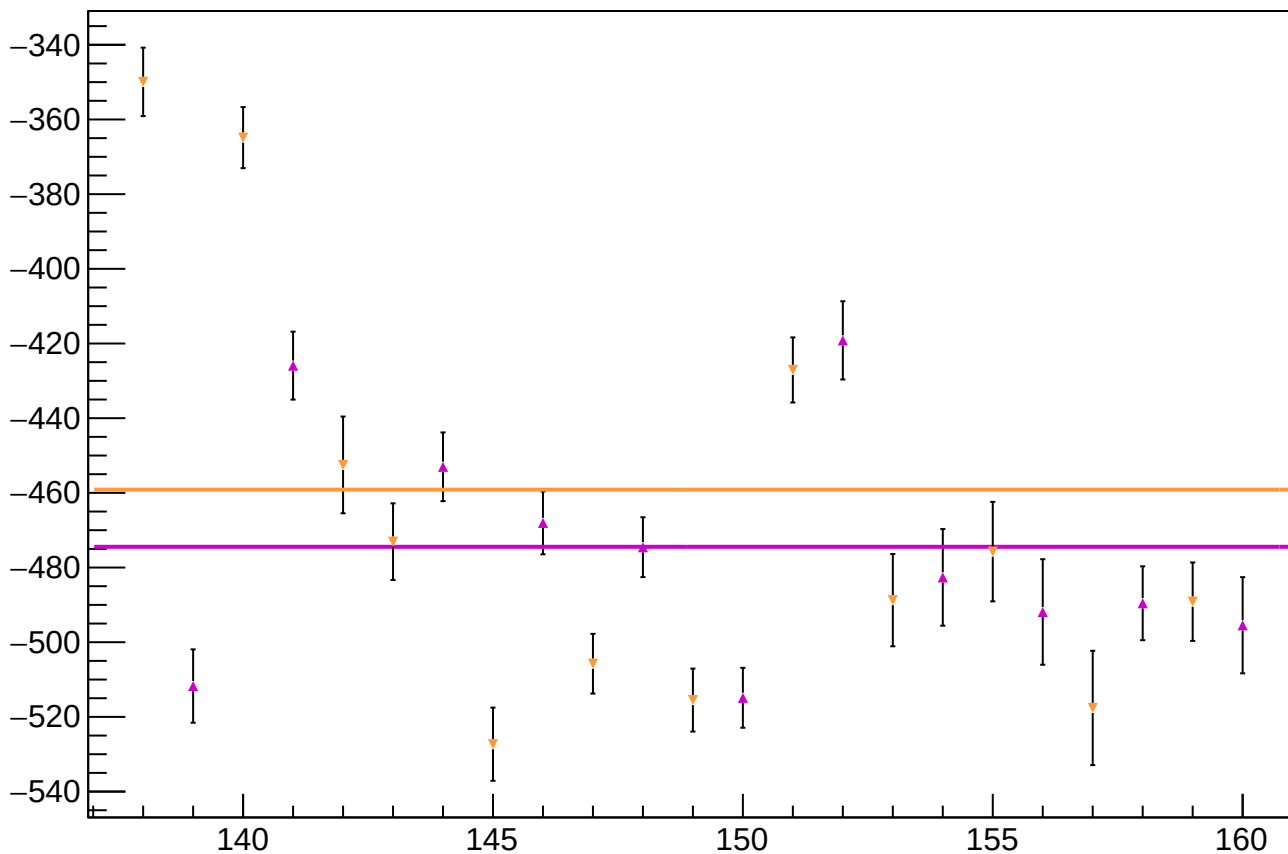
Right Out: -18.463 ± 0.057 $\chi^2/\text{NDF}: 80470.6/18$

Left In: -21.347 ± 0.036 $\chi^2/\text{NDF}: 79332.2/10$

-23.212 ± 0.031 $\chi^2/\text{NDF}: 166608.3/28$

-20.549 ± 0.030 $\chi^2/\text{NDF}: 161629.6/29$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -459.136+/-2.874 χ^2/NDF : 447.6/11

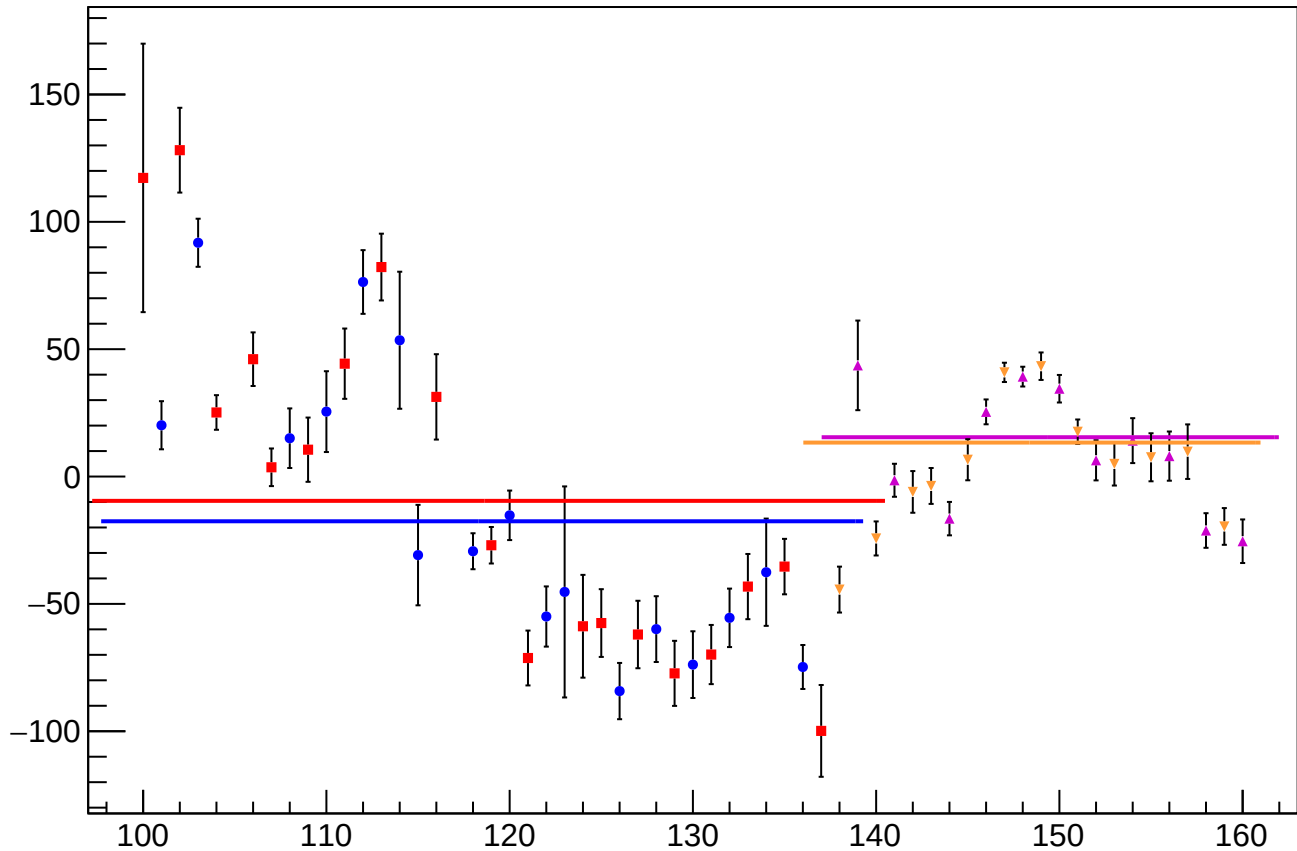
-459.136+/-2.874 χ^2/NDF : 447.6/11

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

-474.445+/-2.938 χ^2/NDF : 109.1/10

Left In: -474.445+/-2.938 χ^2/NDF : 109.1/10

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.564 ± 2.820 $\chi^2/\text{NDF}: 363.7/16$

Left Out: 13.337 ± 1.872 $\chi^2/\text{NDF}: 191.8/11$

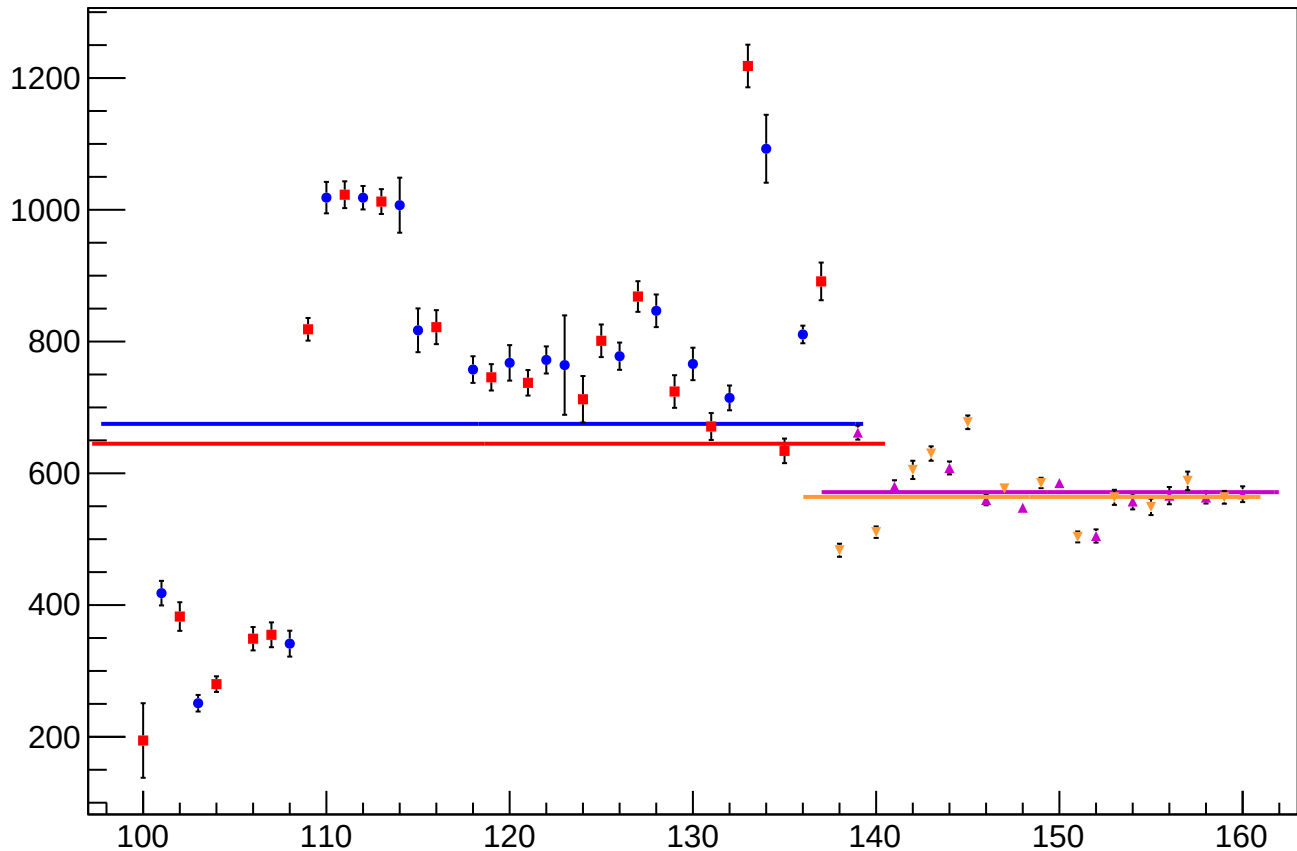
Right Out: -9.547 ± 2.609 $\chi^2/\text{NDF}: 370.3/18$

Left In: 15.433 ± 1.933 $\chi^2/\text{NDF}: 141.0/10$

3.887 ± 1.560 $\chi^2/\text{NDF}: 638.8/28$

6.582 ± 1.553 $\chi^2/\text{NDF}: 570.4/29$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045 $\pm$ 5.067 χ^2 /NDF: 2584.3/16

Left Out: 564.167 $\pm$ 2.835 χ^2 /NDF:337.1/11

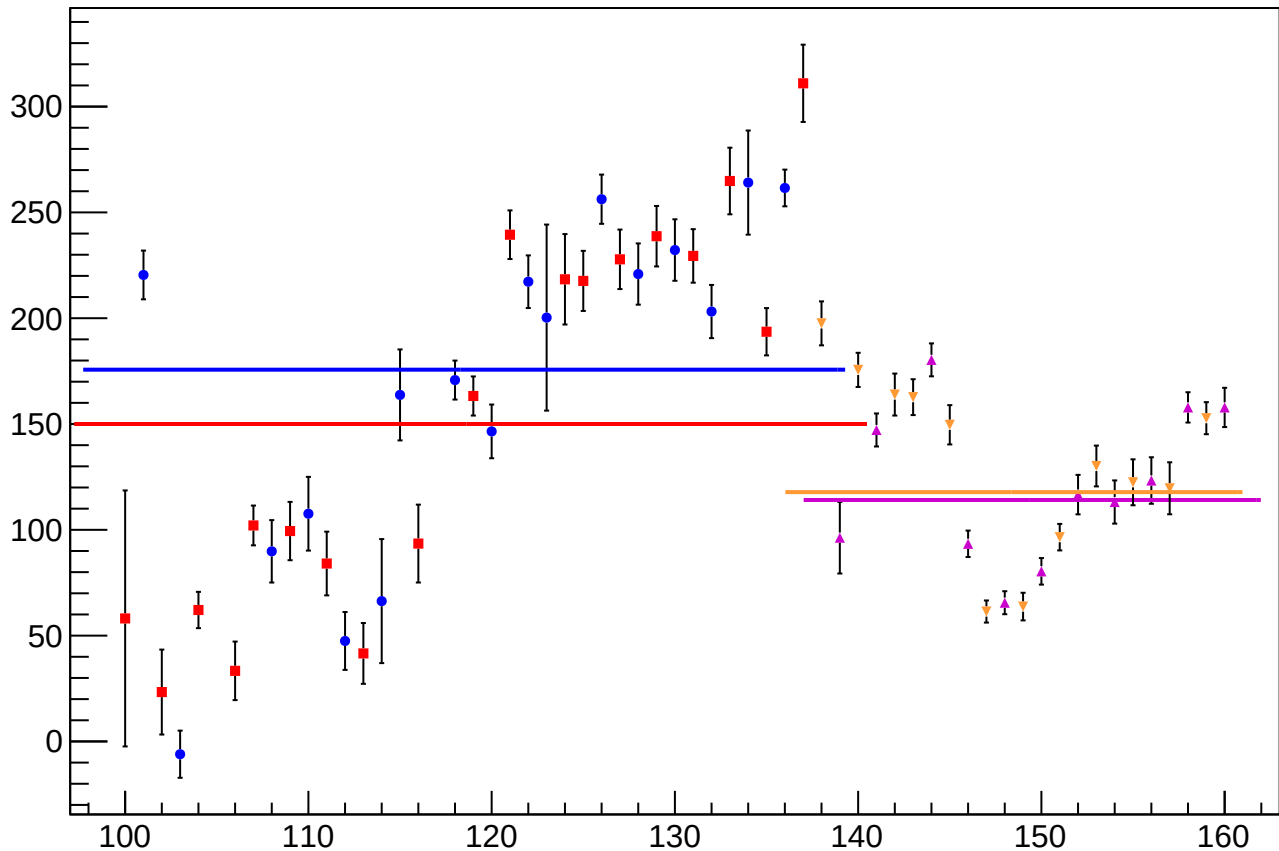
Right Out: 644.915 $\pm$ 4.761 χ^2 /NDF: 3122.2/18

Left In: 571.408 $\pm$ 2.858 χ^2 /NDF:148.7/10

590.603 $\pm$ 2.474 χ^2 /NDF: 3286.1/28

590.879 $\pm$ 2.450 χ^2 /NDF: 3446.0/29

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 $\pm$ 3.239 χ^2 /NDF: 637.9/16

Left Out: 117.824 $\pm$ 2.299 χ^2 /NDF:391.5/11

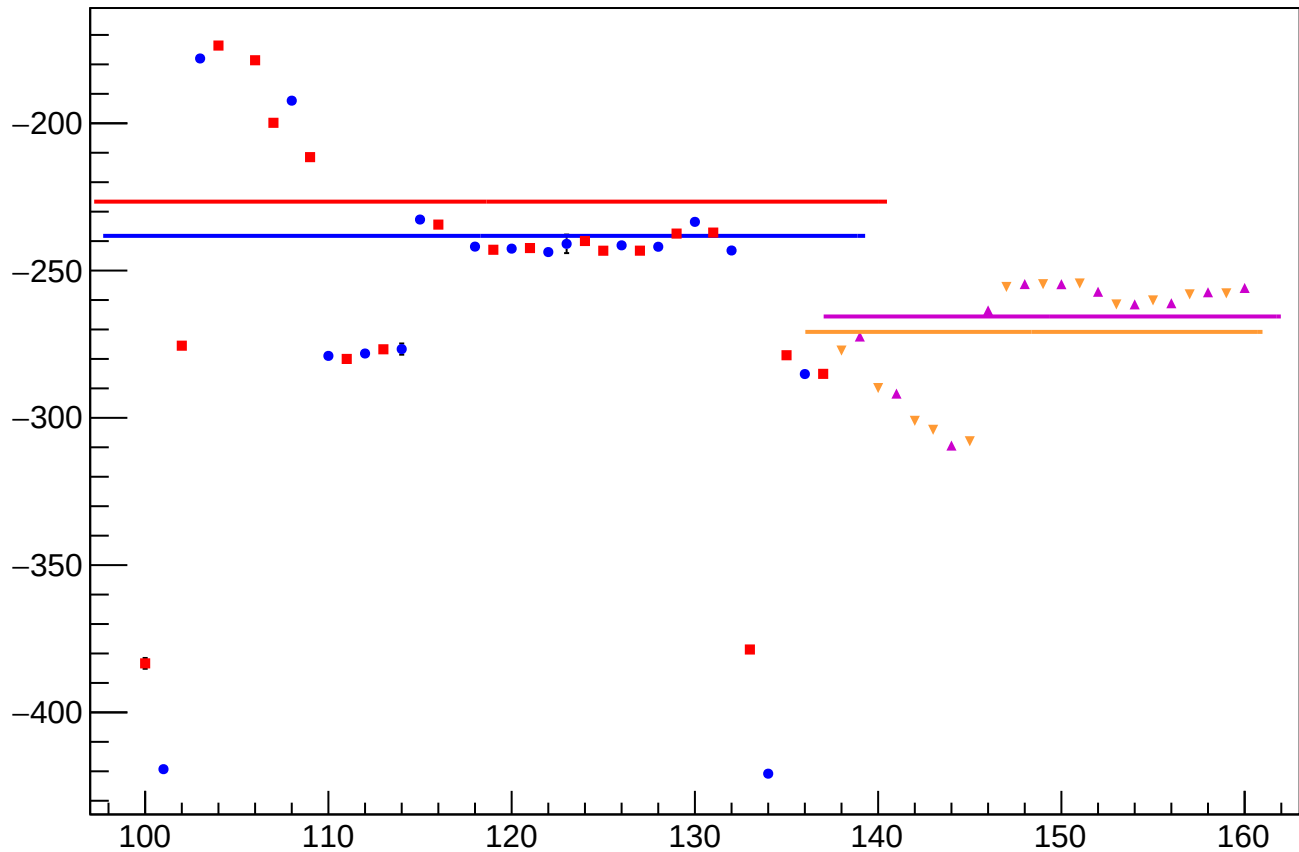
Right Out: 150.017 $\pm$ 3.042 χ^2 /NDF: 693.8/18

Left In: 114.104 $\pm$ 2.346 χ^2 /NDF:271.5/10

137.211 $\pm$ 1.875 χ^2 /NDF: 1241.6/28

127.494 $\pm$ 1.857 χ^2 /NDF: 1052.6/29

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217+/-0.160 χ^2/NDF : 167120.0/16

Left Out: -270.818+/-0.115 χ^2/NDF : 29131.2/11

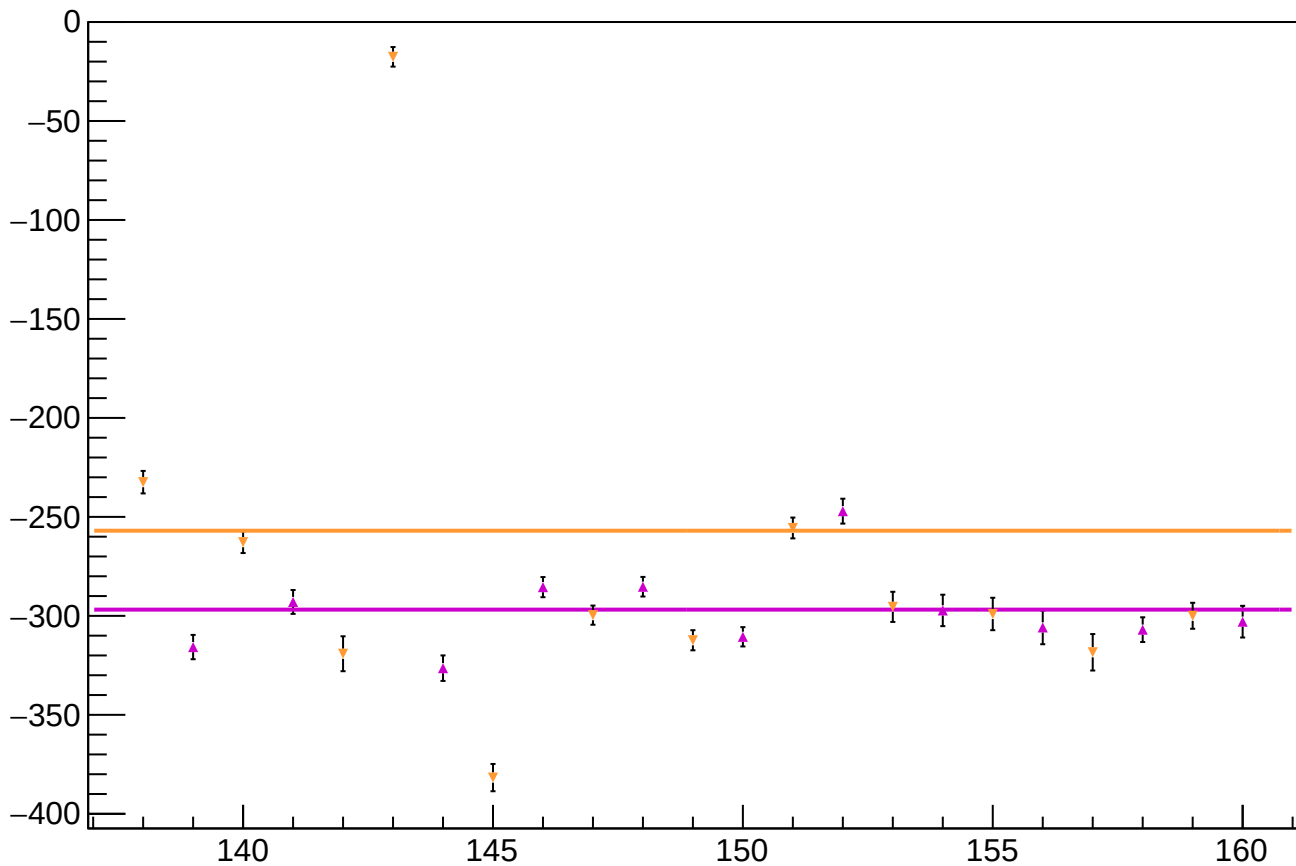
Right Out: -226.597+/-0.151 χ^2/NDF : 102562.3/18

Left In: -265.588+/-0.114 χ^2/NDF : 19322.9/10

-259.781+/-0.093 χ^2/NDF : 223556.1/28

-251.520+/-0.091 χ^2/NDF : 164377.2/29

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -256.980+/-1.758 χ^2/NDF : 3074.8/11

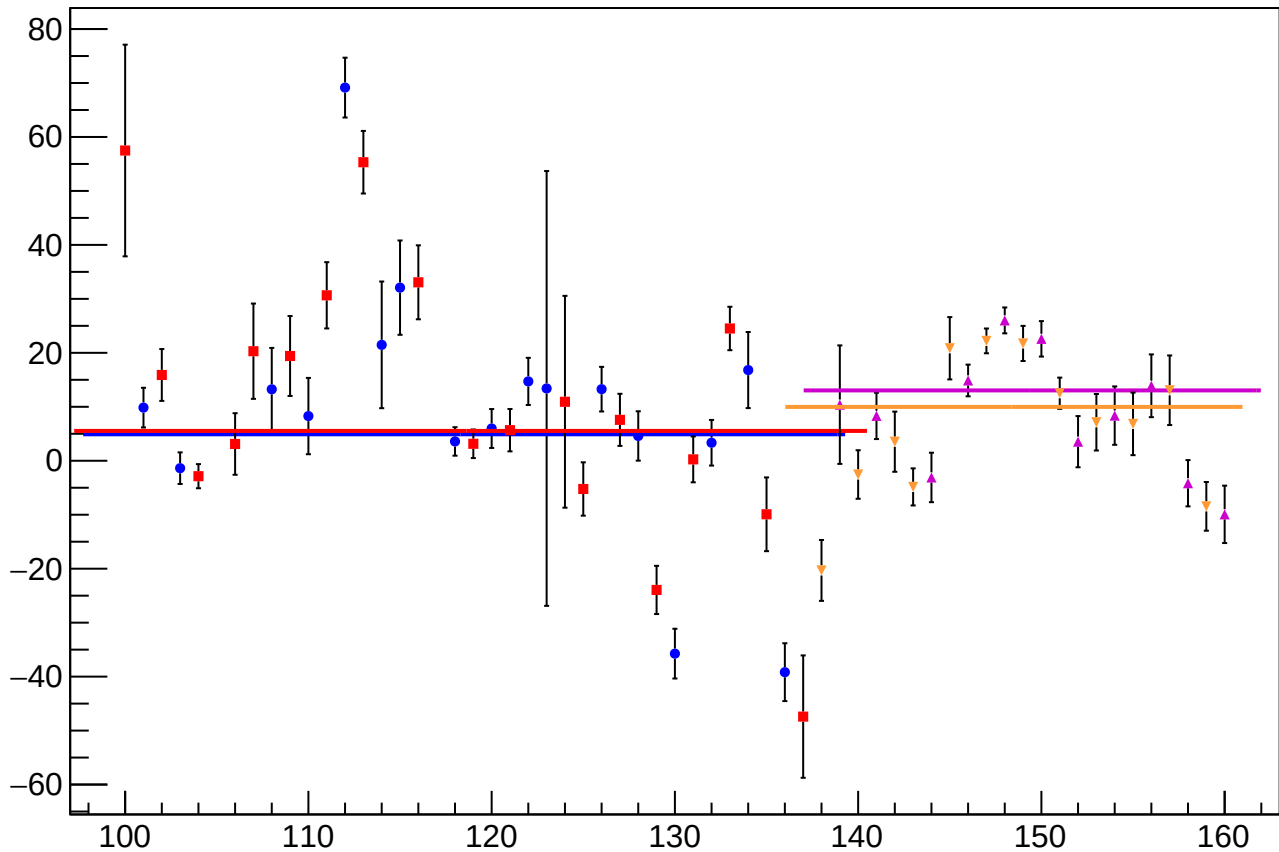
-256.980+/-1.758 χ^2/NDF : 3074.8/11

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

-296.852+/-1.839 χ^2/NDF : 116.3/10

Left In: -296.852+/-1.839 χ^2/NDF : 116.3/10

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 $\chi^2/\text{NDF}: 311.7/16$

Left Out: 9.978 ± 1.139 $\chi^2/\text{NDF}: 119.8/11$

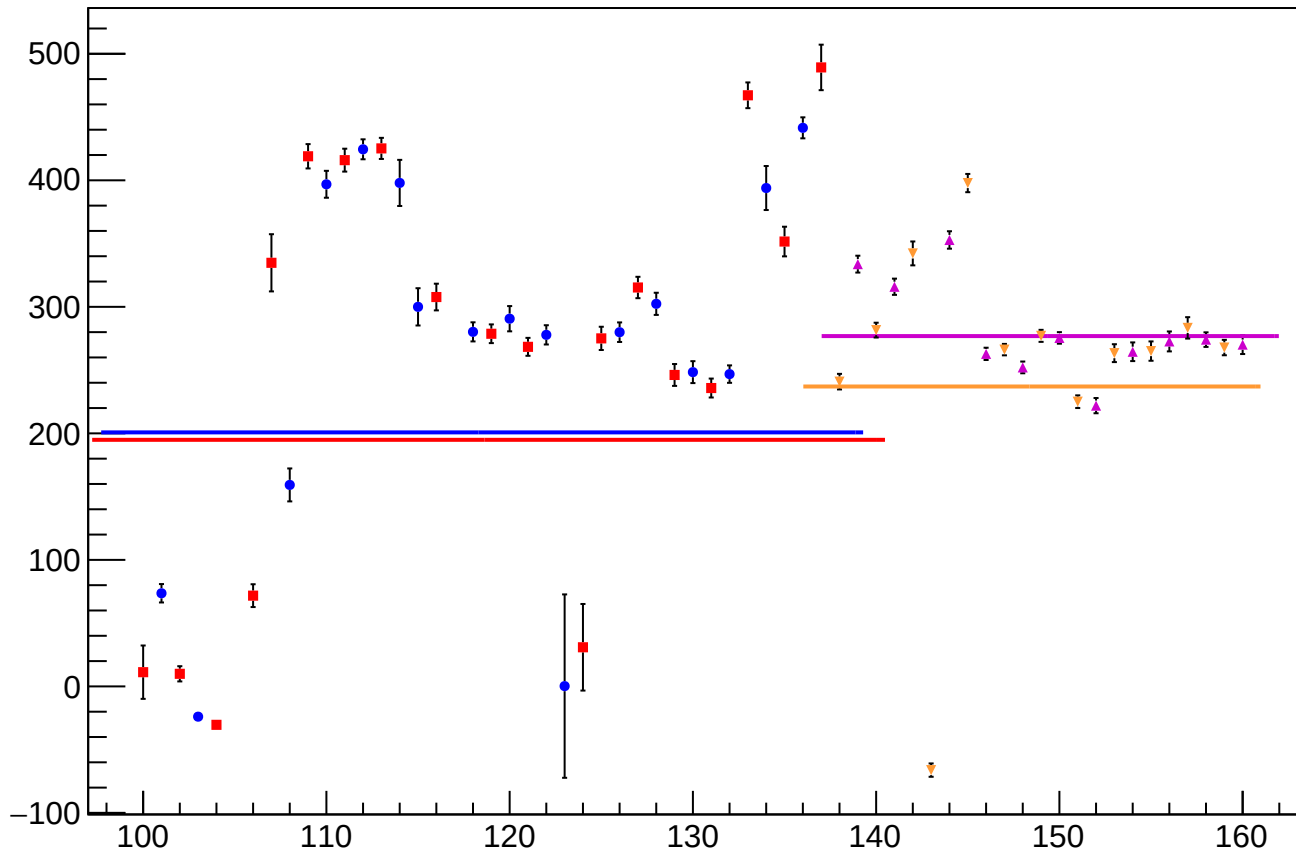
Right Out: 5.530 ± 1.069 $\chi^2/\text{NDF}: 238.9/18$

Left In: 13.037 ± 1.204 $\chi^2/\text{NDF}: 91.2/10$

7.365 ± 0.793 $\chi^2/\text{NDF}: 441.7/28$

8.838 ± 0.799 $\chi^2/\text{NDF}: 351.9/29$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 ± 1.983 $\chi^2/\text{NDF}: 6733.0/16$

Left Out: 237.039 ± 1.733 $\chi^2/\text{NDF}: 4176.5/11$

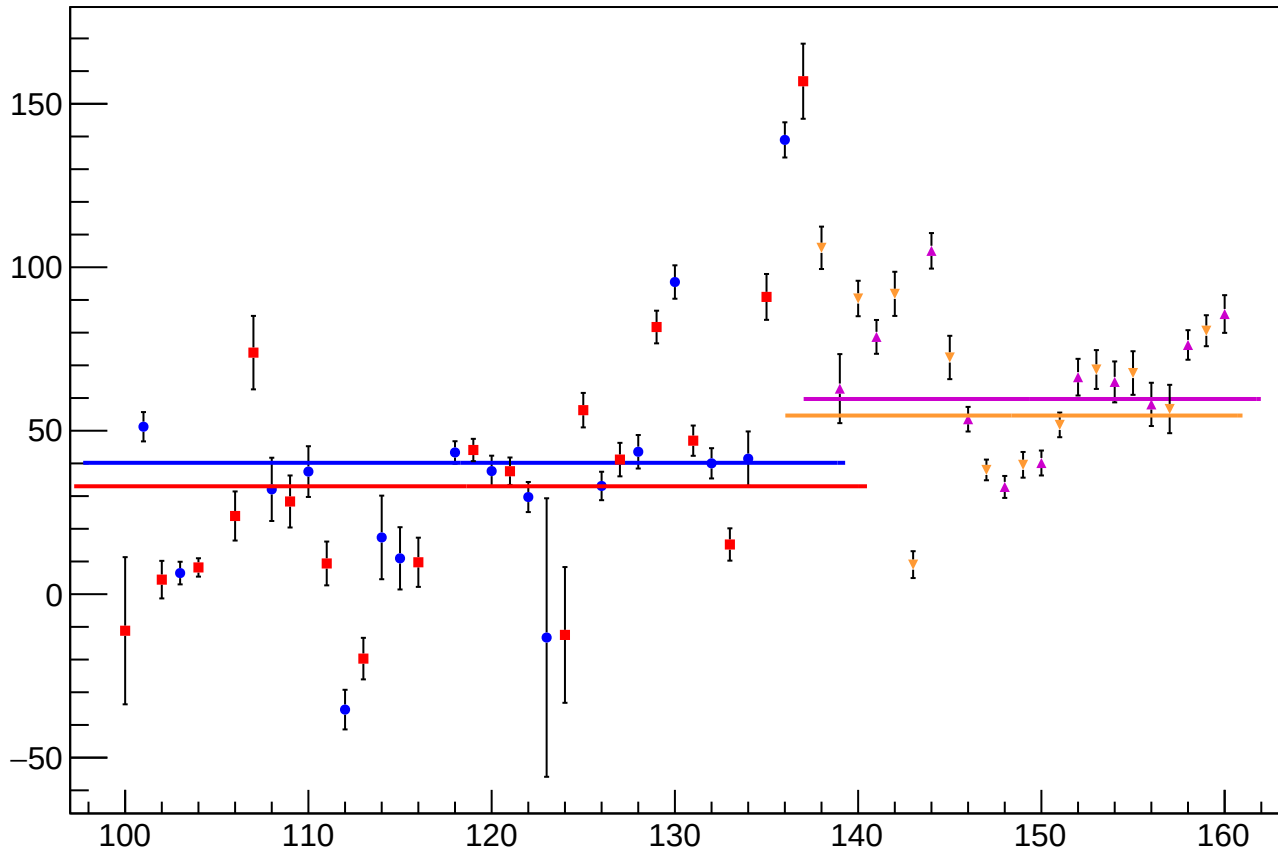
Right Out: 194.892 ± 1.924 $\chi^2/\text{NDF}: 8247.1/18$

Left In: 276.887 ± 1.782 $\chi^2/\text{NDF}: 355.8/10$

221.338 ± 1.305 $\chi^2/\text{NDF}: 11099.1/28$

239.028 ± 1.307 $\chi^2/\text{NDF}: 9580.7/29$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 ± 1.283 $\chi^2/\text{NDF}: 734.6/16$

Left Out: 54.647 ± 1.400 $\chi^2/\text{NDF}: 349.3/11$

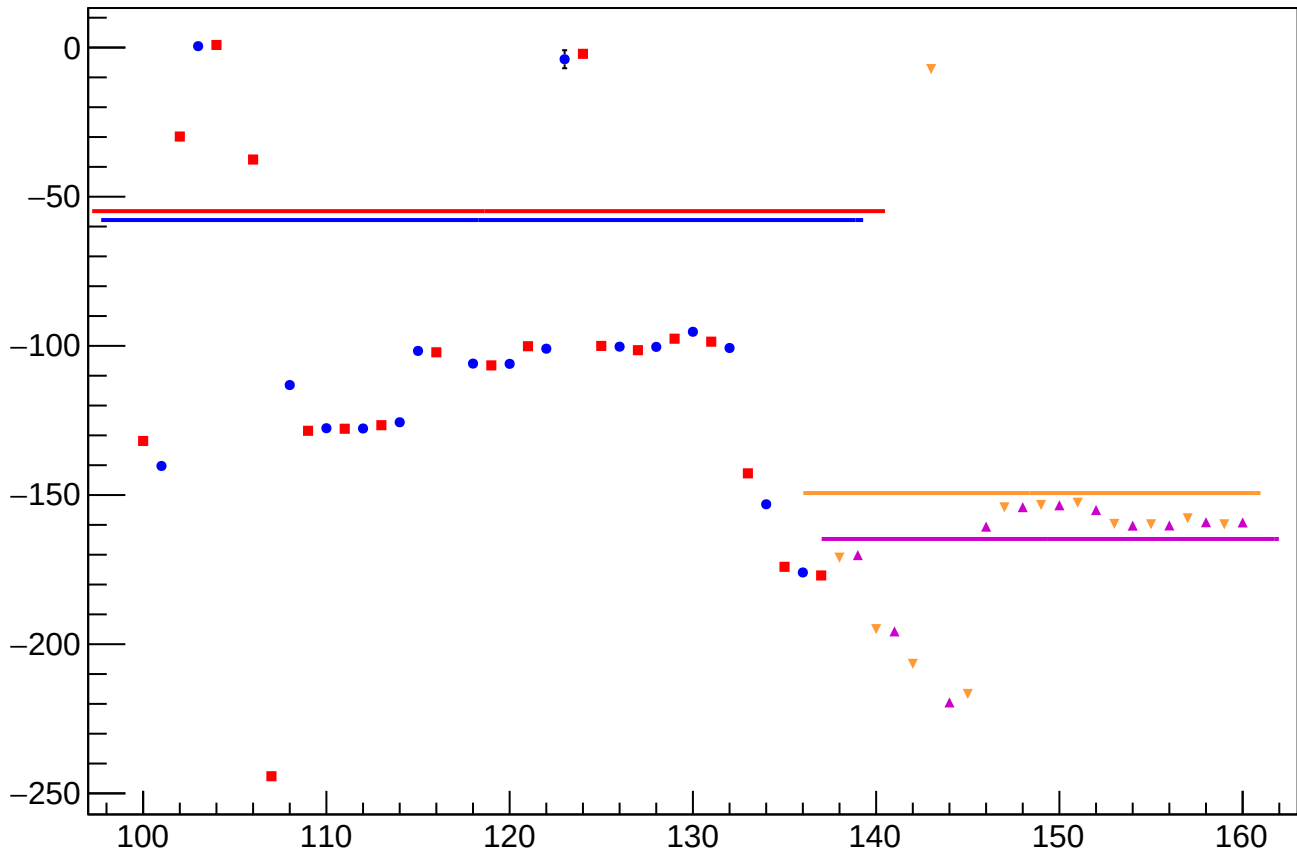
Right Out: 33.006 ± 1.250 $\chi^2/\text{NDF}: 552.7/18$

Left In: 59.707 ± 1.463 $\chi^2/\text{NDF}: 212.1/10$

46.787 ± 0.946 $\chi^2/\text{NDF}: 1141.8/28$

44.276 ± 0.951 $\chi^2/\text{NDF}: 957.2/29$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821 ± 0.062 $\chi^2/\text{NDF}: 1101296.2/16$

Left Out: -149.337 ± 0.070 $\chi^2/\text{NDF}: 578573.0/11$

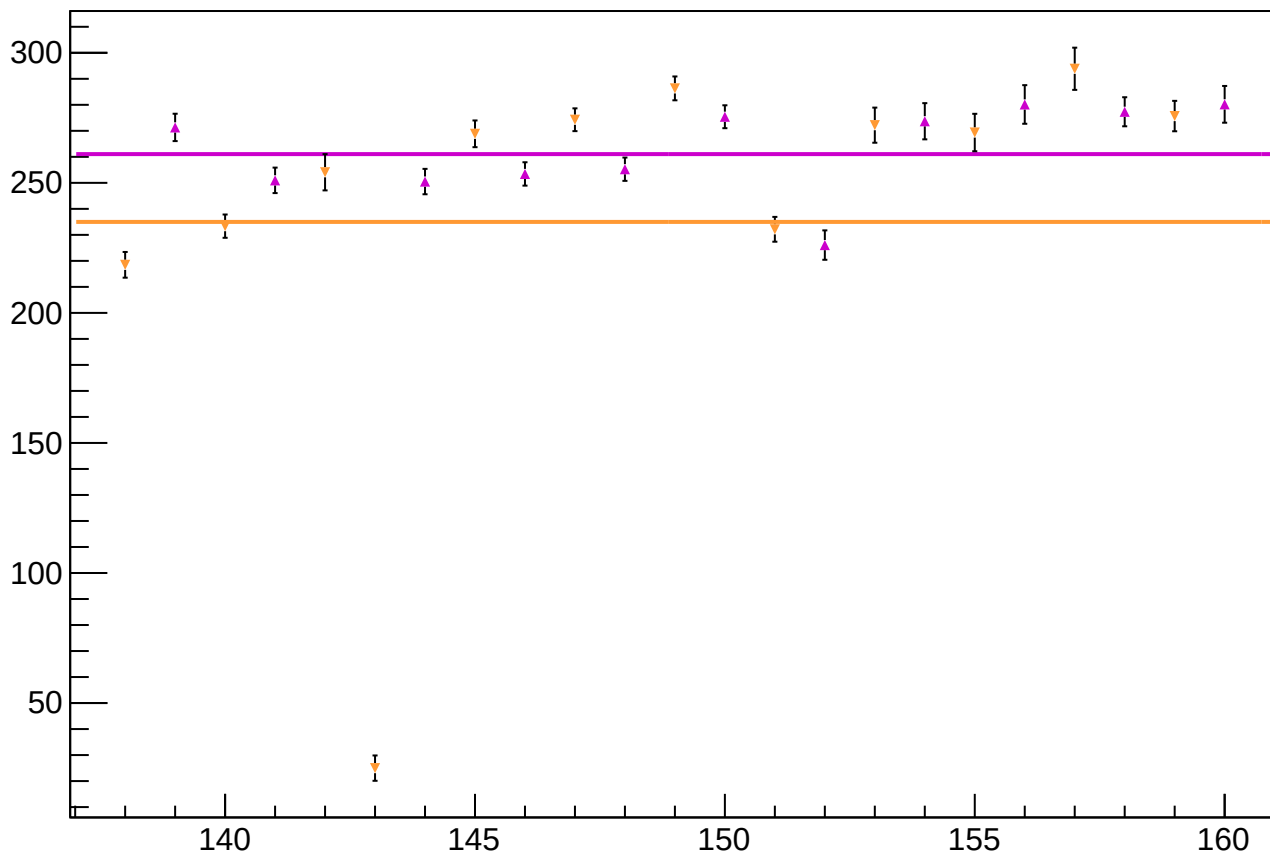
Right Out: -54.833 ± 0.060 $\chi^2/\text{NDF}: 1000741.7/18$

Left In: -164.722 ± 0.071 $\chi^2/\text{NDF}: 57717.6/10$

-97.830 ± 0.046 $\chi^2/\text{NDF}: 2638916.0/28$

-100.999 ± 0.046 $\chi^2/\text{NDF}: 2456792.3/29$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 234.983+/-1.541 χ^2/NDF : 2282.3/11

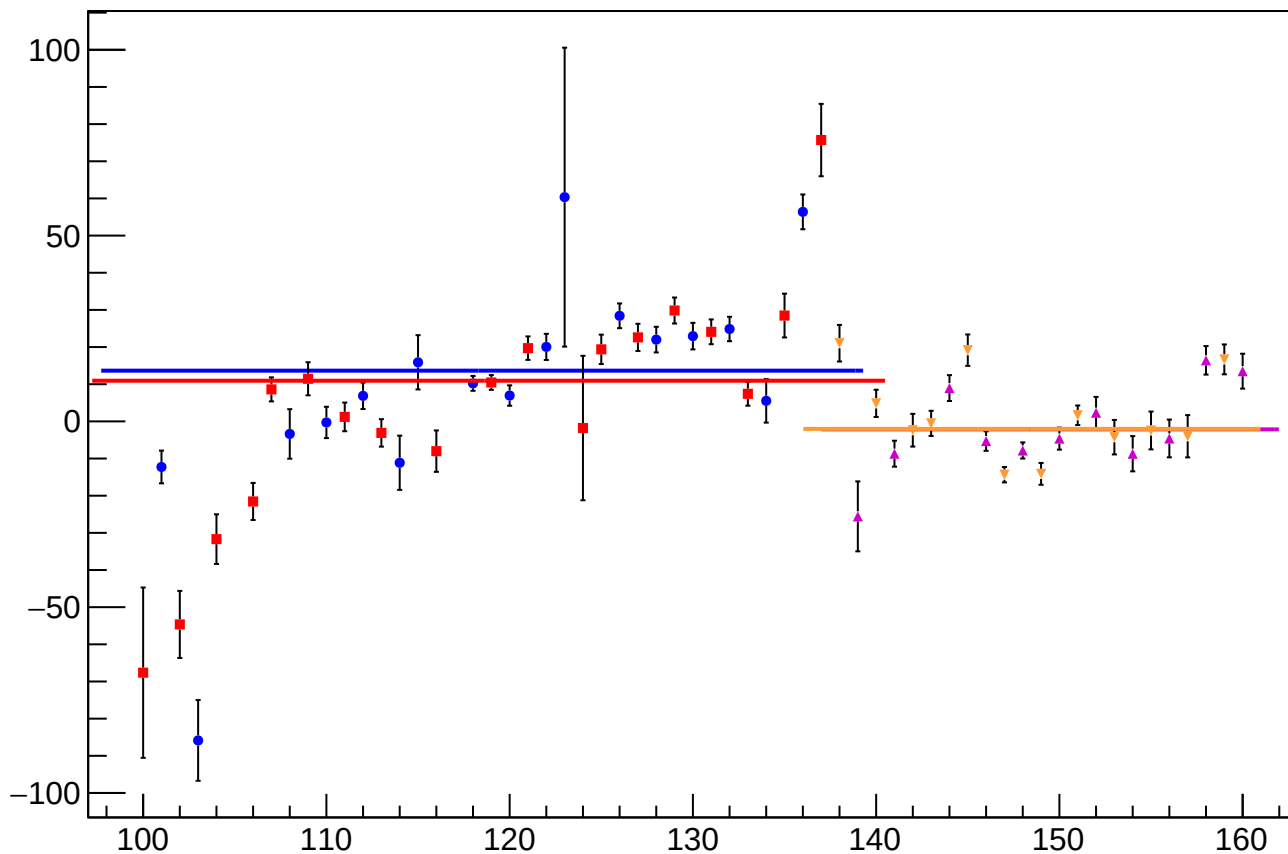
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.051+/-1.595 χ^2/NDF : 92.0/10

234.983+/-1.541 χ^2/NDF : 2282.3/11

261.051+/-1.595 χ^2/NDF : 92.0/10

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652+/-0.936 χ^2/NDF : 294.0/16

Left Out: -2.020+/-1.010 χ^2/NDF :126.9/11

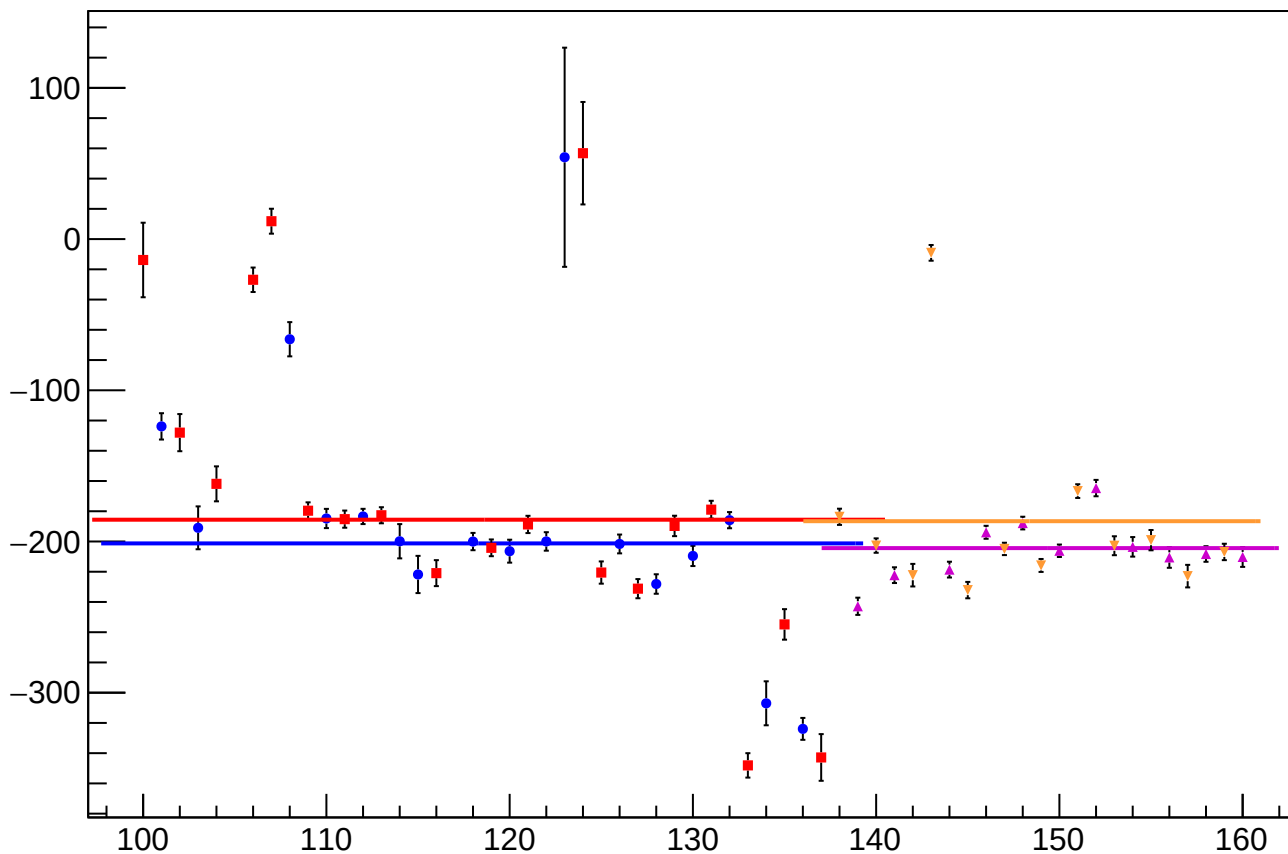
Right Out: 10.944+/-0.913 χ^2/NDF : 302.5/18

Left In: -2.147+/-1.055 χ^2/NDF :66.7/10

6.409+/-0.687 χ^2/NDF : 550.4/28

5.337+/-0.690 χ^2/NDF : 457.3/29

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 $\pm$ 1.795 χ^2/NDF : 623.4/16

Left Out: -186.578 $\pm$ 1.525 χ^2/NDF : 1404.4/11

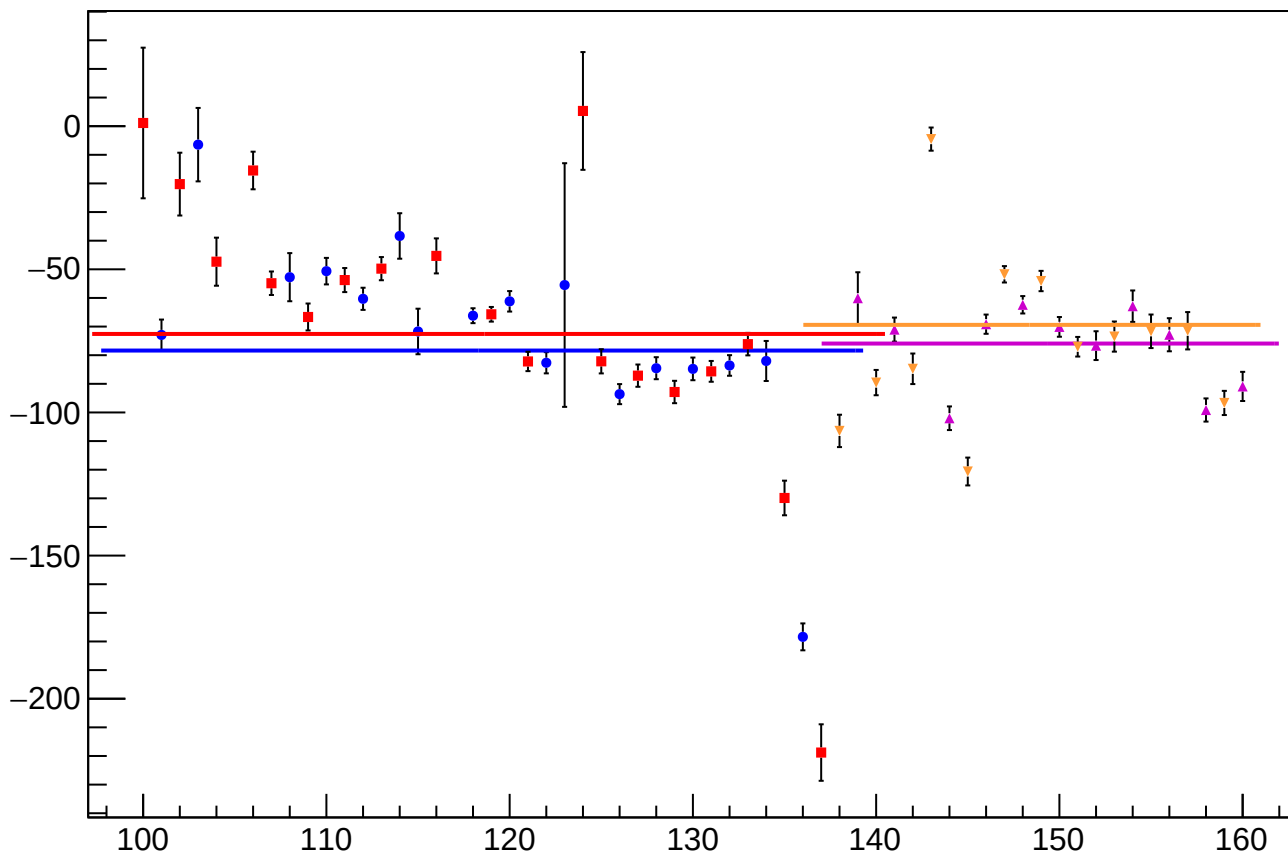
Right Out: -185.593 $\pm$ 1.699 χ^2/NDF : 1746.0/18

Left In: -204.377 $\pm$ 1.554 χ^2/NDF : 142.4/10

-192.733 $\pm$ 1.162 χ^2/NDF : 2066.7/28

-195.823 $\pm$ 1.147 χ^2/NDF : 1955.0/29

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 ± 1.081 χ^2/NDF : 651.4/16

Left Out: -69.405 ± 1.238 χ^2/NDF : 544.5/11

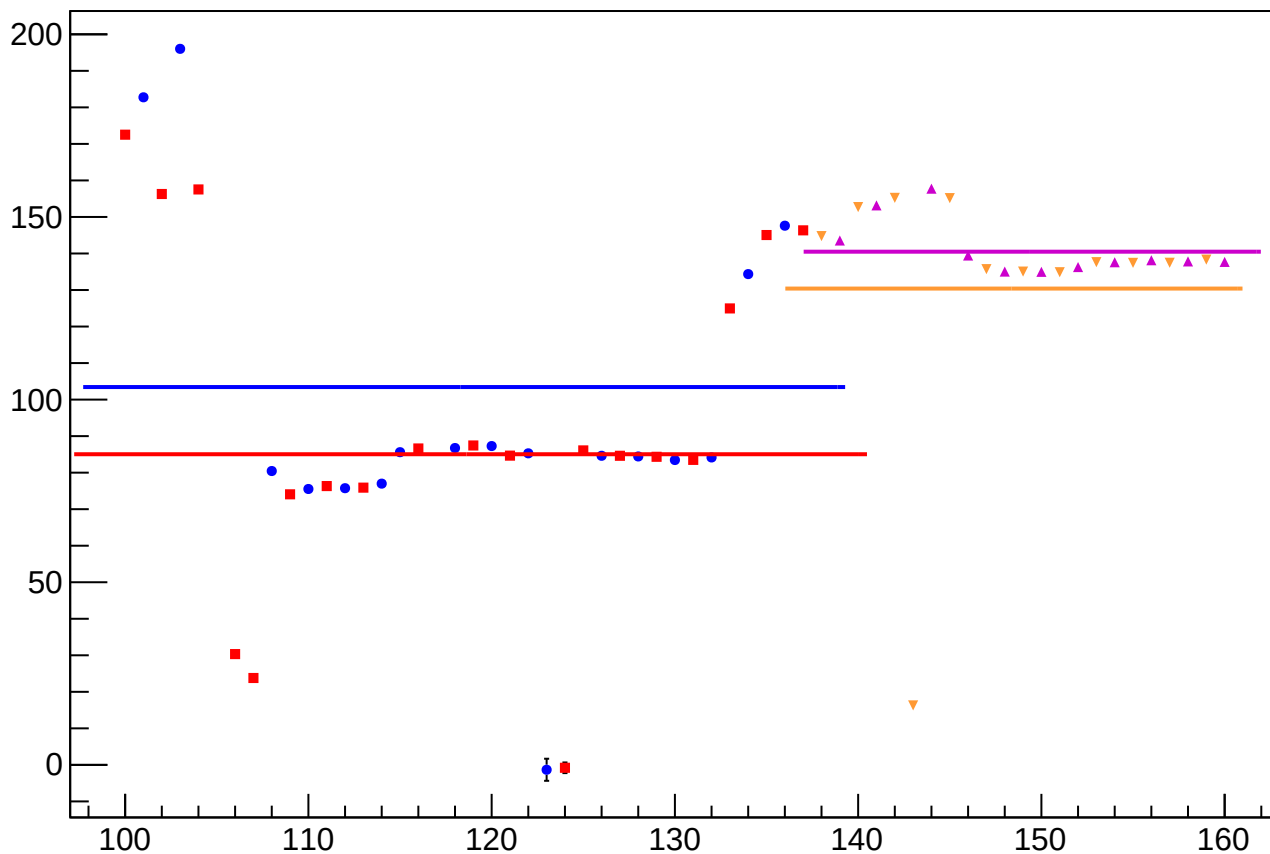
Right Out: -72.577 ± 1.052 χ^2/NDF : 605.8/18

Left In: -75.932 ± 1.279 χ^2/NDF : 118.7/10

-74.494 ± 0.814 χ^2/NDF : 1225.6/28

-73.930 ± 0.812 χ^2/NDF : 728.6/29

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436+/-0.071 χ^2/NDF : 272785.6/16

Left Out: 130.396+/-0.062 χ^2/NDF : 343889.9/11

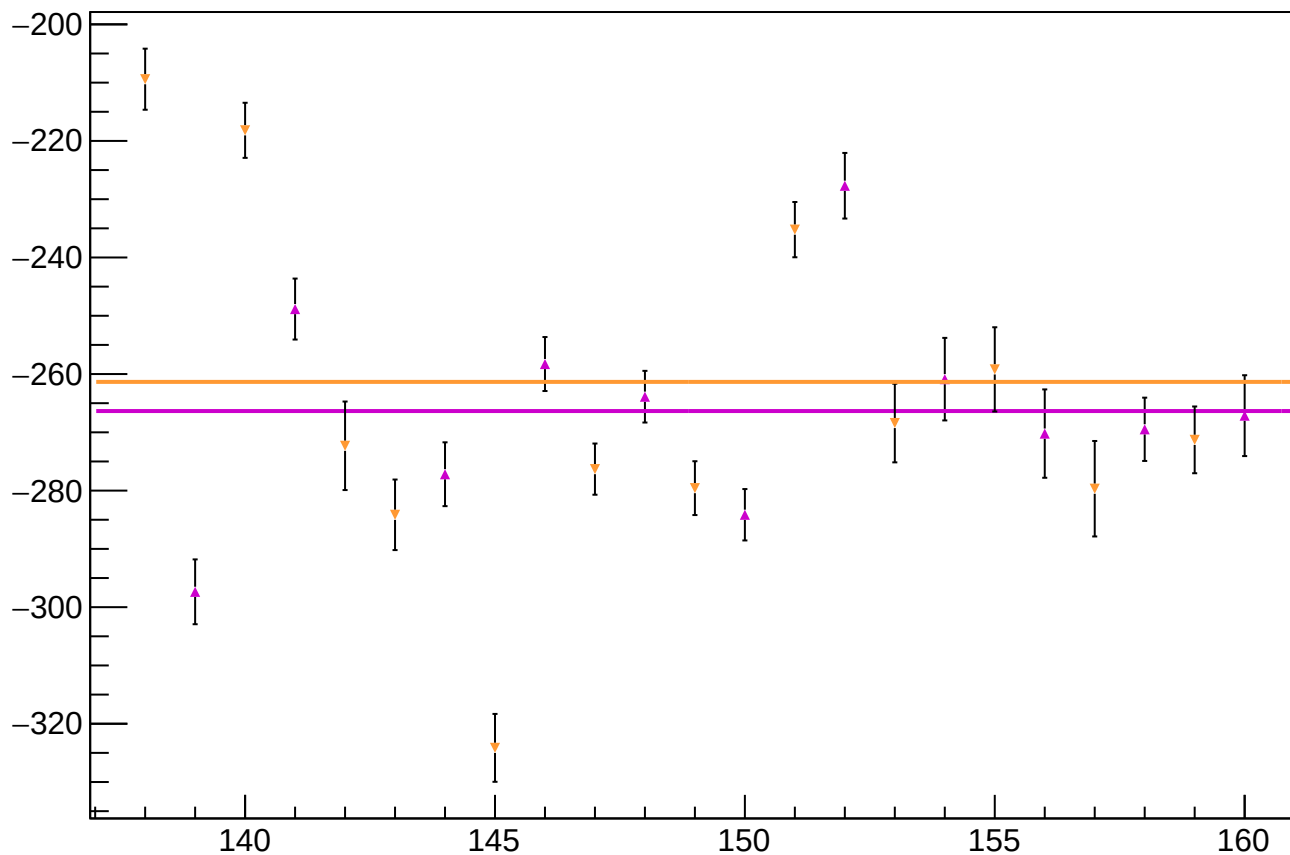
Right Out: 85.043+/-0.064 χ^2/NDF : 422343.0/18

Left In: 140.491+/-0.062 χ^2/NDF : 12502.7/10

118.795+/-0.046 χ^2/NDF : 699099.8/28

113.649+/-0.044 χ^2/NDF : 825264.2/29

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -261.345+/-1.611 χ^2/NDF : 381.0/11

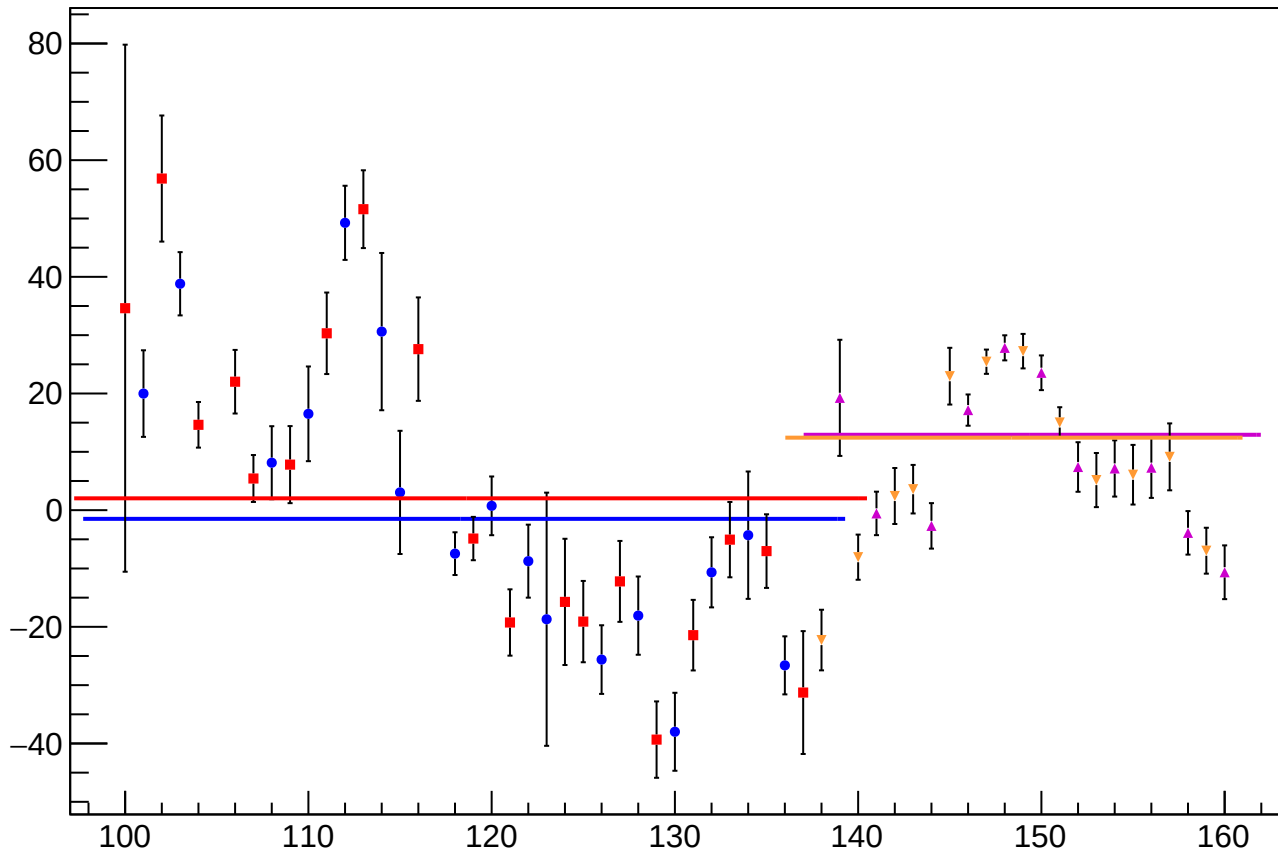
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.348+/-1.633 χ^2/NDF : 114.2/10

-261.345+/-1.611 χ^2/NDF : 381.0/11

-266.348+/-1.633 χ^2/NDF : 114.2/10

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 $\chi^2/\text{NDF}: 226.0/16$

Left Out: 12.429 ± 1.043 $\chi^2/\text{NDF}: 180.0/11$

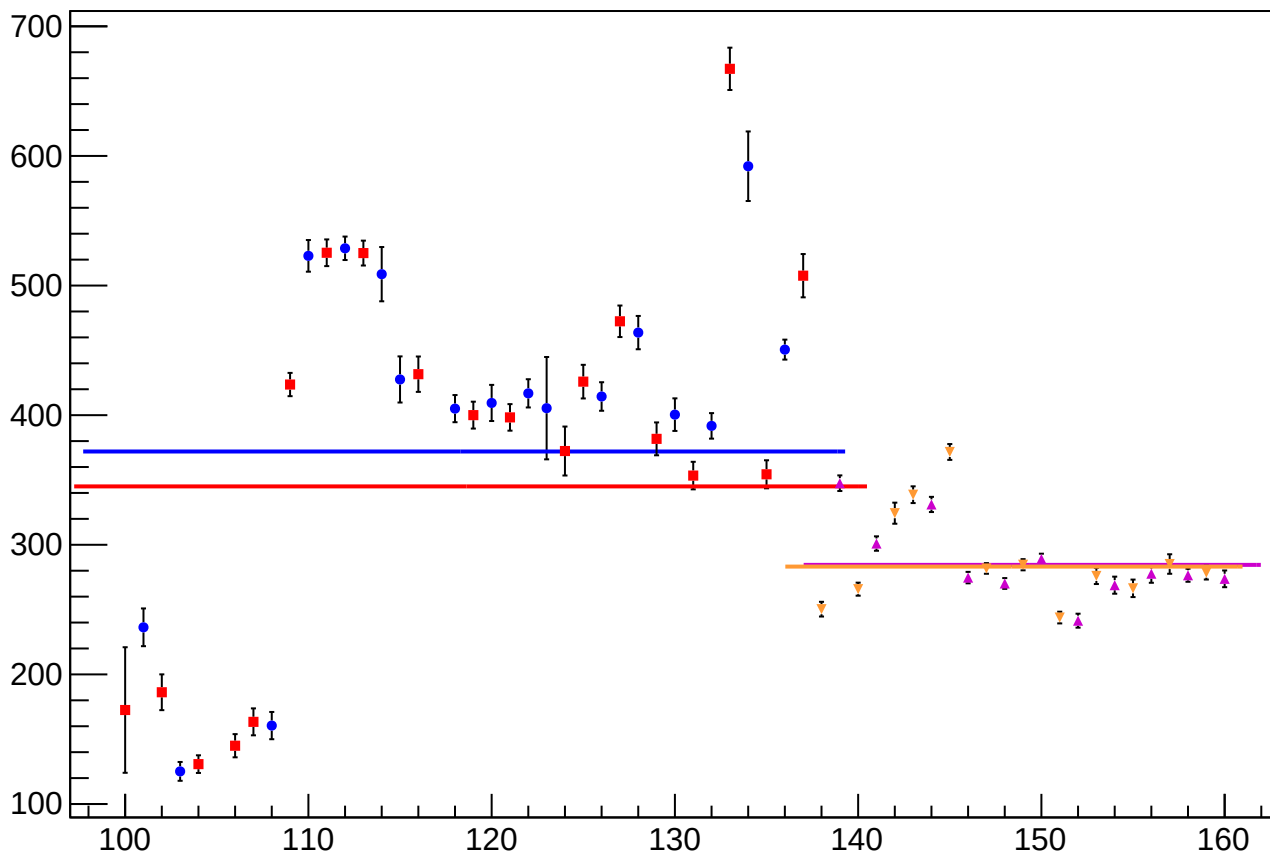
Right Out: 2.028 ± 1.400 $\chi^2/\text{NDF}: 233.3/18$

Left In: 12.924 ± 1.071 $\chi^2/\text{NDF}: 143.6/10$

8.035 ± 0.863 $\chi^2/\text{NDF}: 462.2/28$

8.898 ± 0.851 $\chi^2/\text{NDF}: 415.1/29$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 $\pm$ 2.778 χ^2/NDF : 2432.6/16

Left Out: 283.178 $\pm$ 1.583 χ^2/NDF : 438.8/11

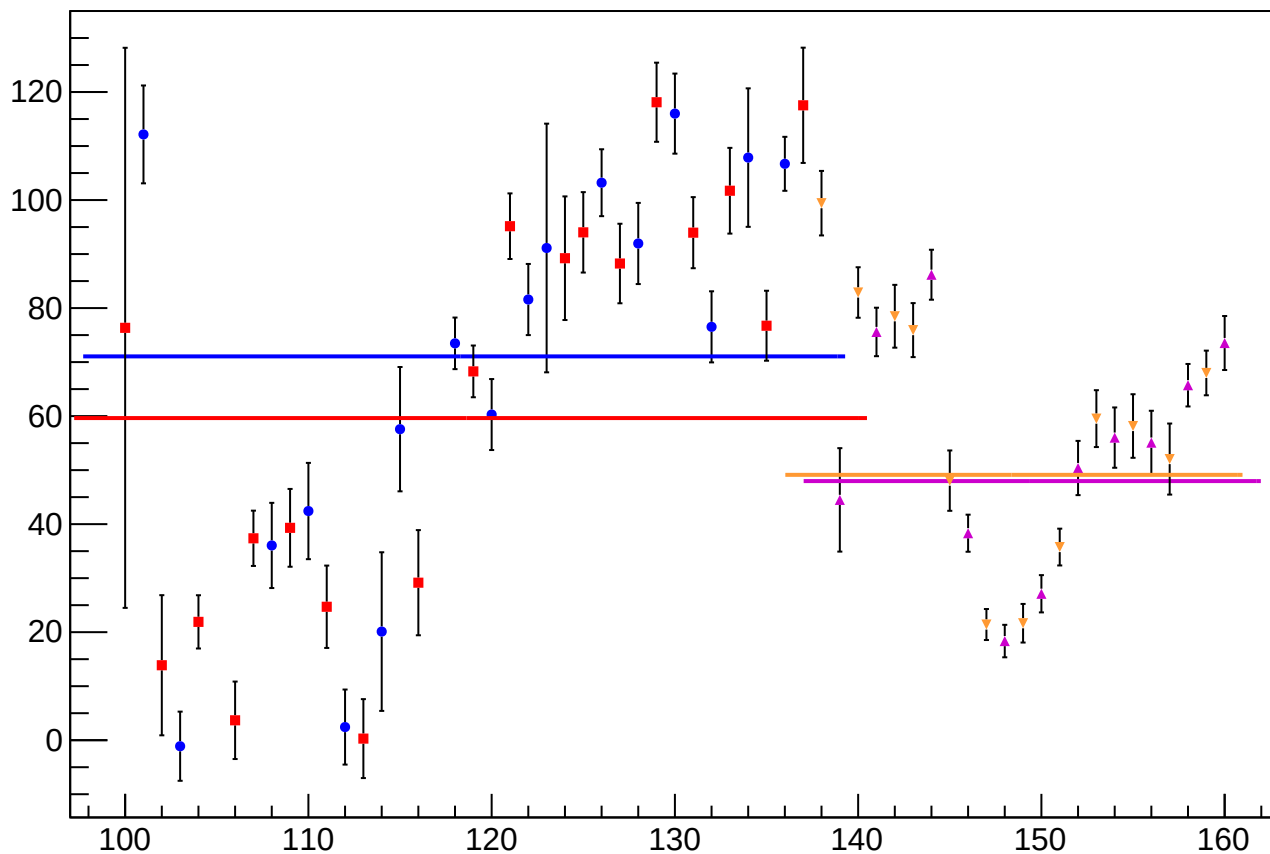
Right Out: 345.043 $\pm$ 2.562 χ^2/NDF : 3415.2/18

Left In: 284.500 $\pm$ 1.584 χ^2/NDF : 275.2/10

304.948 $\pm$ 1.375 χ^2/NDF : 3642.8/28

301.245 $\pm$ 1.347 χ^2/NDF : 4094.3/29

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056+/-1.764 χ^2/NDF : 426.2/16

Left Out: 49.127+/-1.283 χ^2/NDF : 372.3/11

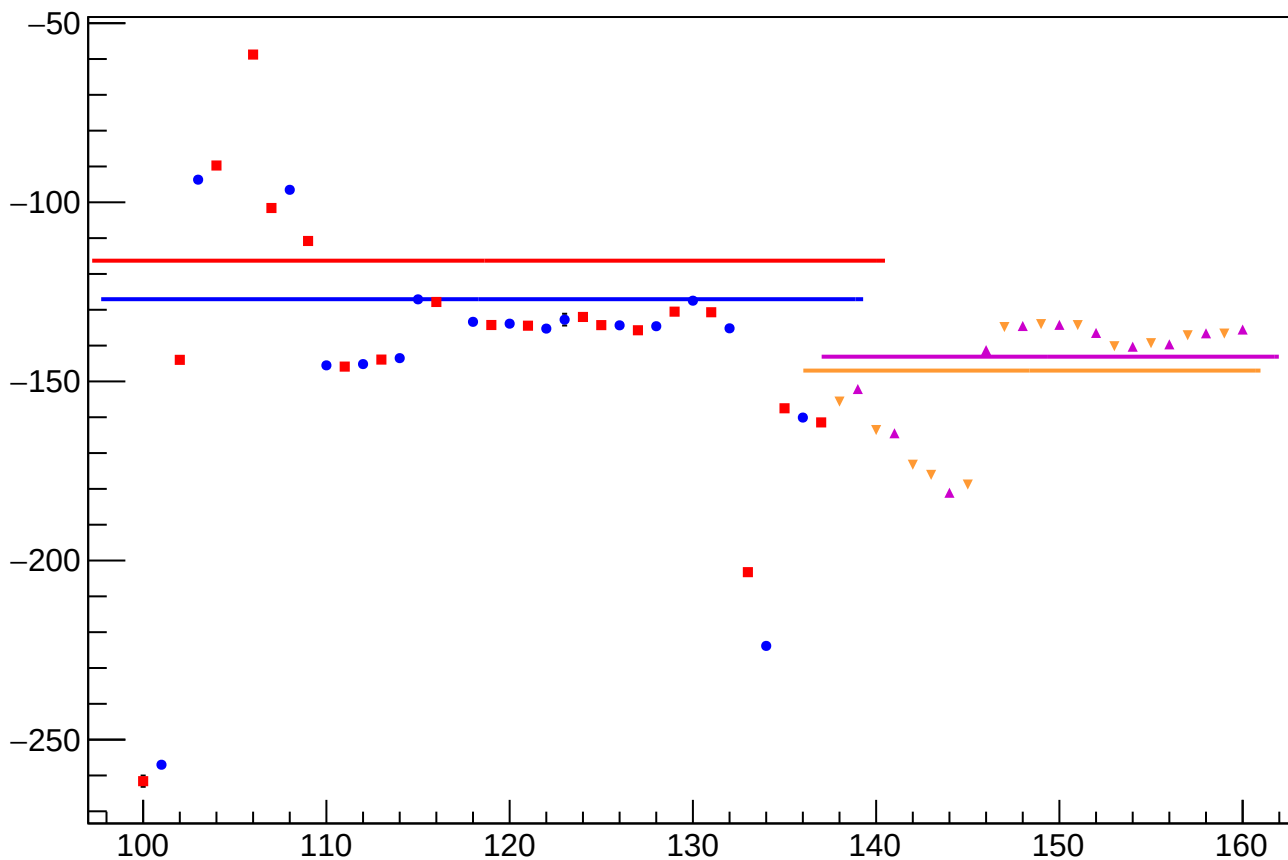
Right Out: 59.637+/-1.631 χ^2/NDF : 491.6/18

Left In: 47.971+/-1.300 χ^2/NDF : 297.9/10

56.711+/-1.037 χ^2/NDF : 899.6/28

52.502+/-1.017 χ^2/NDF : 820.9/29

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -146.976+/-0.064 χ^2/NDF : 62950.3/11

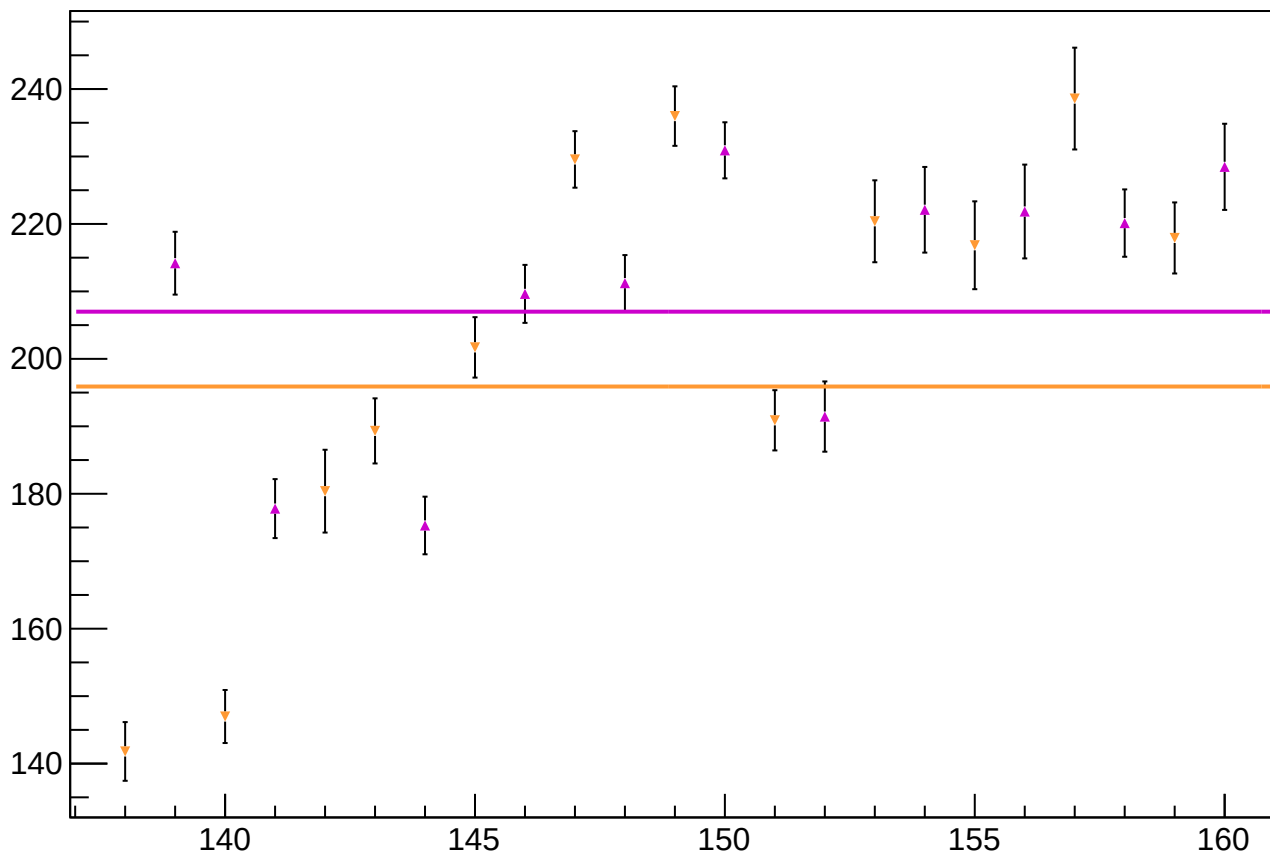
Right Out: -116.295+/-0.083 χ^2/NDF : 167109.1/18

Left In: -143.095+/-0.063 χ^2/NDF : 41436.7/10

-140.260+/-0.052 χ^2/NDF : 262626.9/28

-133.321+/-0.050 χ^2/NDF : 274805.9/29

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 195.899+/-1.415 χ^2/NDF : 543.8/11

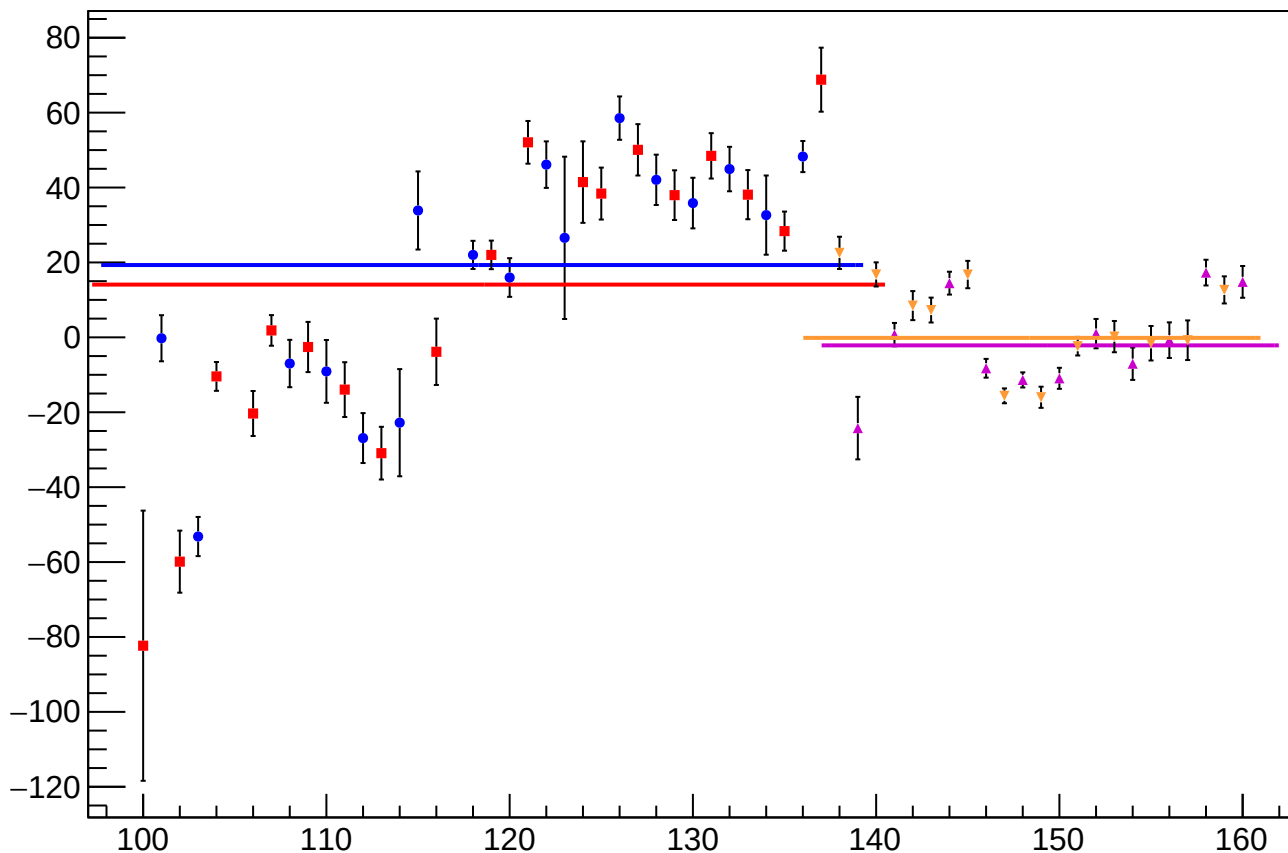
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.995+/-1.459 χ^2/NDF : 173.9/10

195.899+/-1.415 χ^2/NDF : 543.8/11

206.995+/-1.459 χ^2/NDF : 173.9/10

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308 ± 1.500 $\chi^2/\text{NDF}: 441.3/16$

Left Out: -0.141 ± 0.936 $\chi^2/\text{NDF}: 192.6/11$

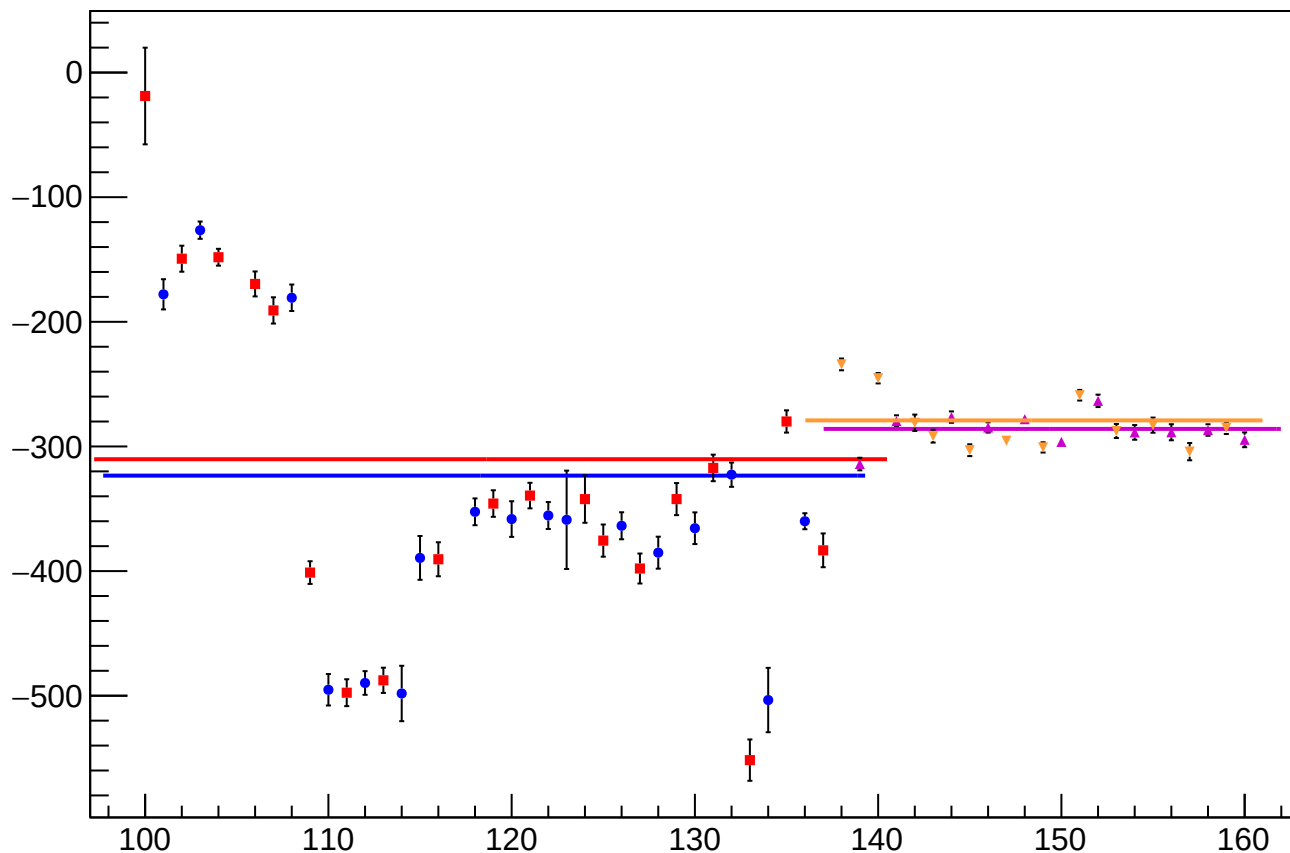
Right Out: 14.083 ± 1.390 $\chi^2/\text{NDF}: 436.9/18$

Left In: -2.145 ± 0.971 $\chi^2/\text{NDF}: 124.3/10$

5.309 ± 0.794 $\chi^2/\text{NDF}: 754.8/28$

3.180 ± 0.796 $\chi^2/\text{NDF}: 652.8/29$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402 ± 2.684 $\chi^2/\text{NDF}: 1849.6/16$

Left Out: -279.092 ± 1.403 $\chi^2/\text{NDF}: 272.3/11$

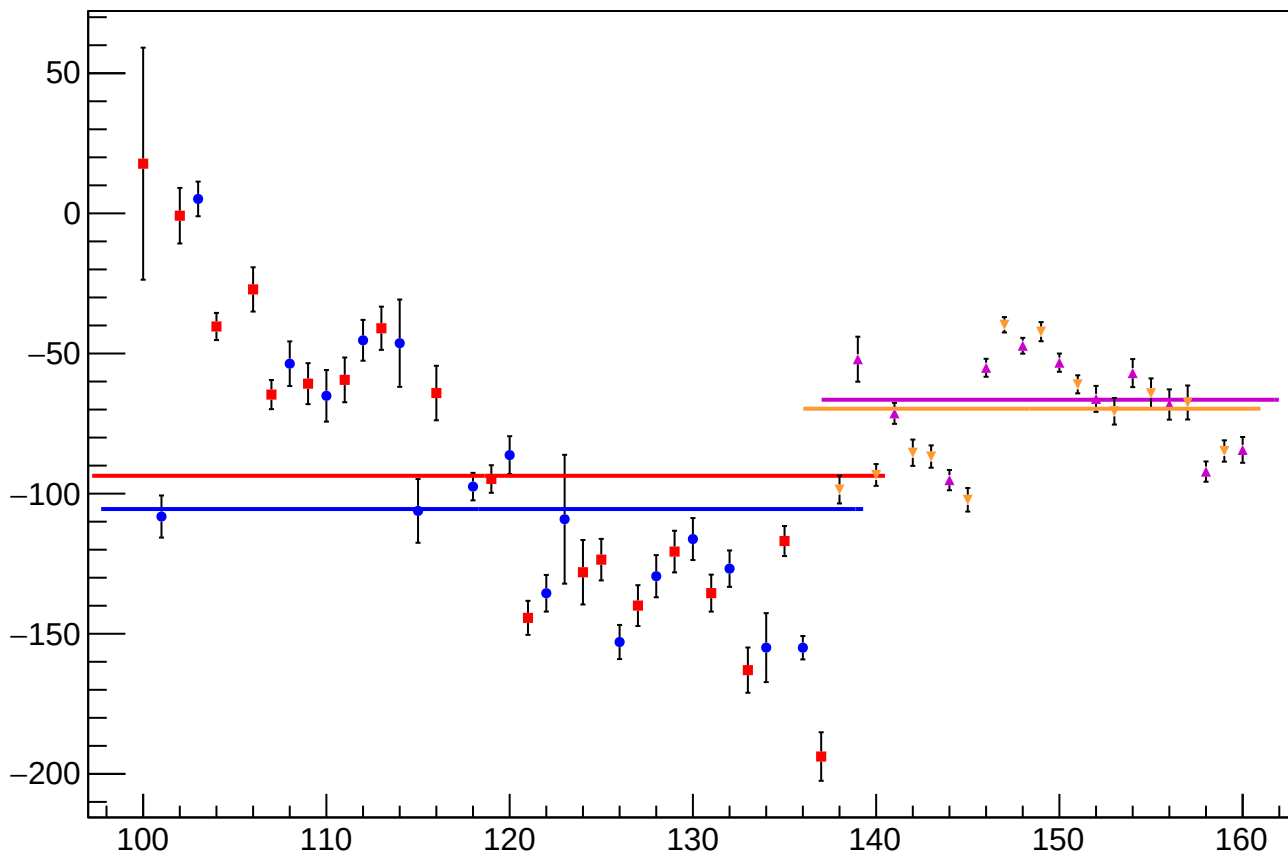
Right Out: -310.236 ± 2.523 $\chi^2/\text{NDF}: 2298.8/18$

Left In: -285.924 ± 1.424 $\chi^2/\text{NDF}: 71.5/10$

-288.604 ± 1.244 $\chi^2/\text{NDF}: 2336.0/28$

-291.797 ± 1.240 $\chi^2/\text{NDF}: 2440.8/29$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496+/-1.712 χ^2/NDF : 737.3/16

Left Out: -69.697+/-1.144 χ^2/NDF : 369.0/11

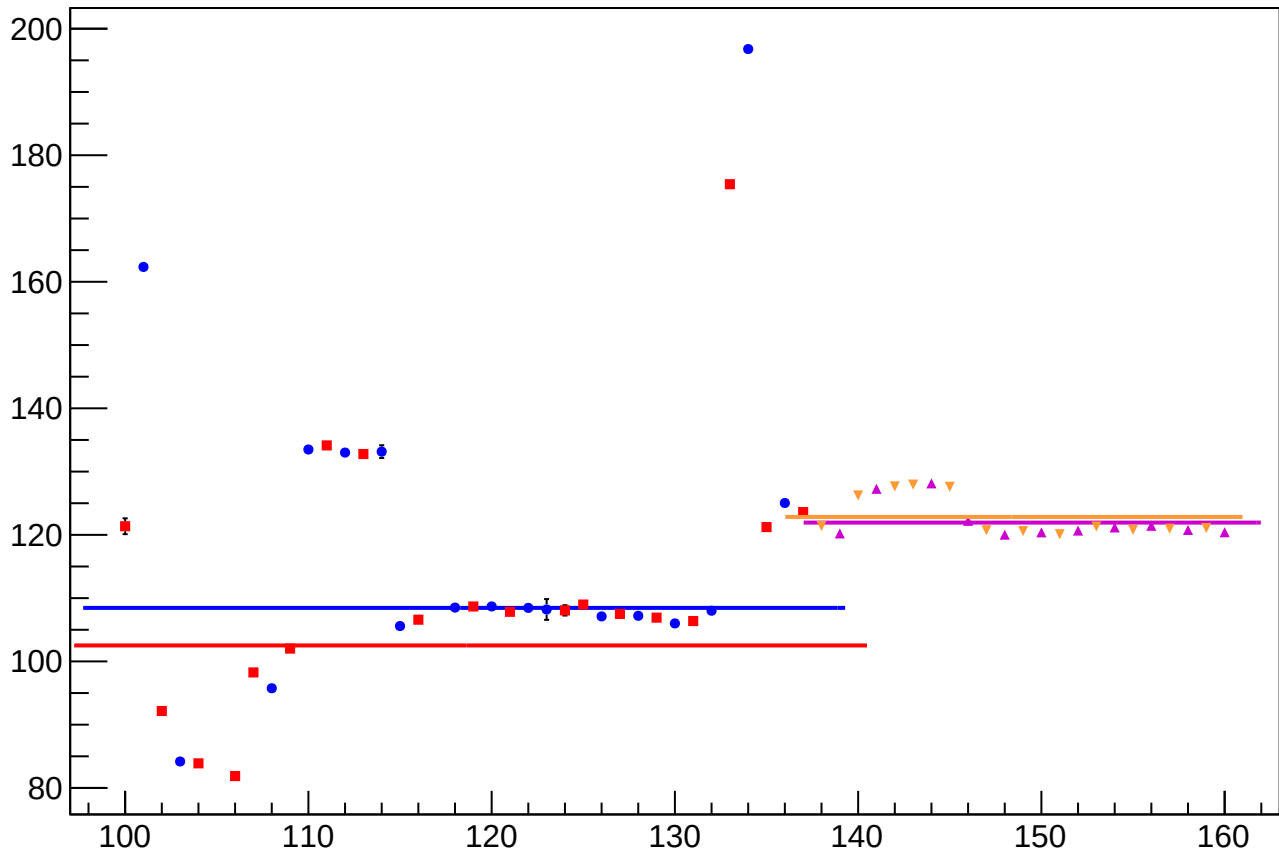
Right Out: -93.637+/-1.610 χ^2/NDF : 827.1/18

Left In: -66.501+/-1.175 χ^2/NDF : 212.7/10

-80.753+/-0.951 χ^2/NDF : 1408.6/28

-75.925+/-0.949 χ^2/NDF : 1225.2/29

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460 ± 0.085 $\chi^2/\text{NDF}: 73301.9/16$

Left Out: 122.835 ± 0.057 $\chi^2/\text{NDF}: 2814.7/11$

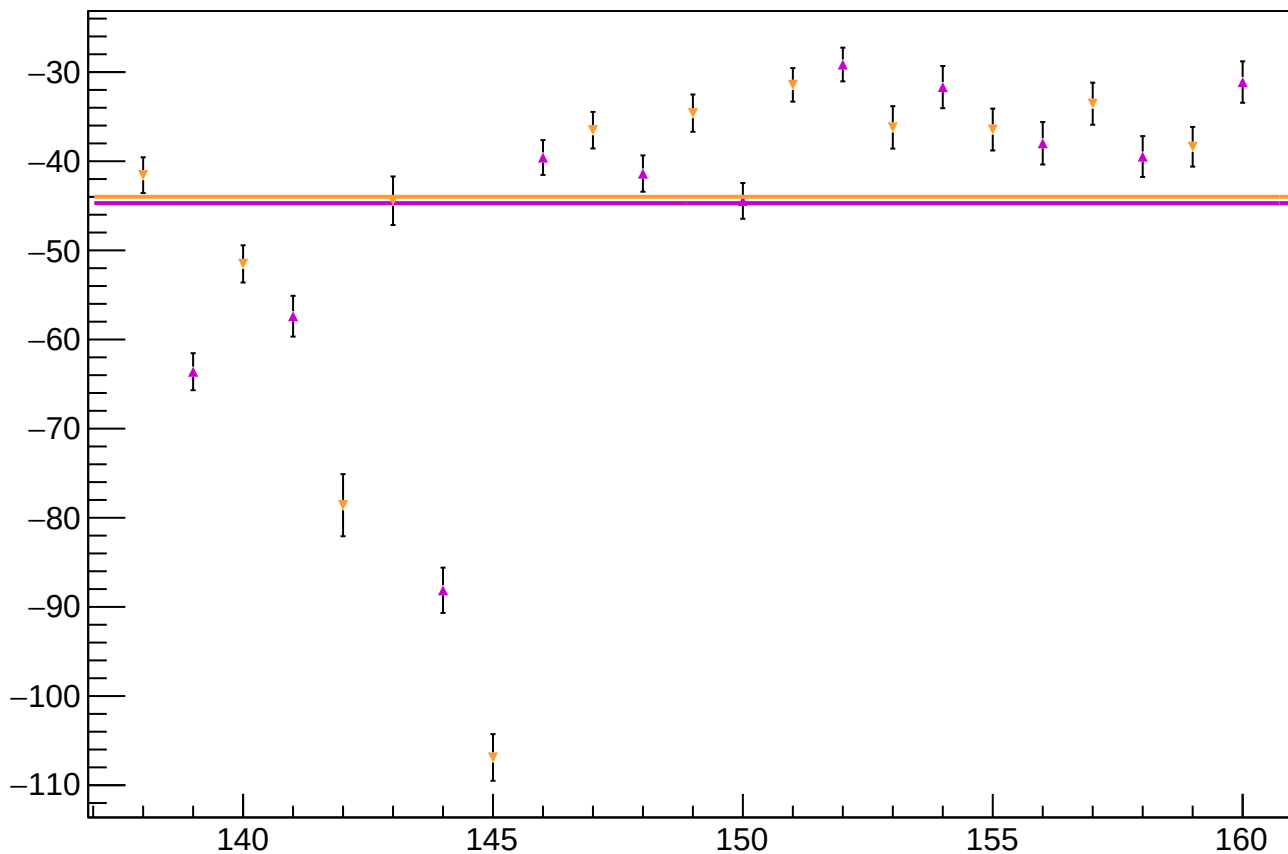
Right Out: 102.521 ± 0.080 $\chi^2/\text{NDF}: 52992.1/18$

Left In: 121.940 ± 0.056 $\chi^2/\text{NDF}: 2242.8/10$

118.423 ± 0.047 $\chi^2/\text{NDF}: 95938.9/28$

115.434 ± 0.046 $\chi^2/\text{NDF}: 94861.5/29$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -43.986+/-0.655 χ^2/NDF : 814.6/11

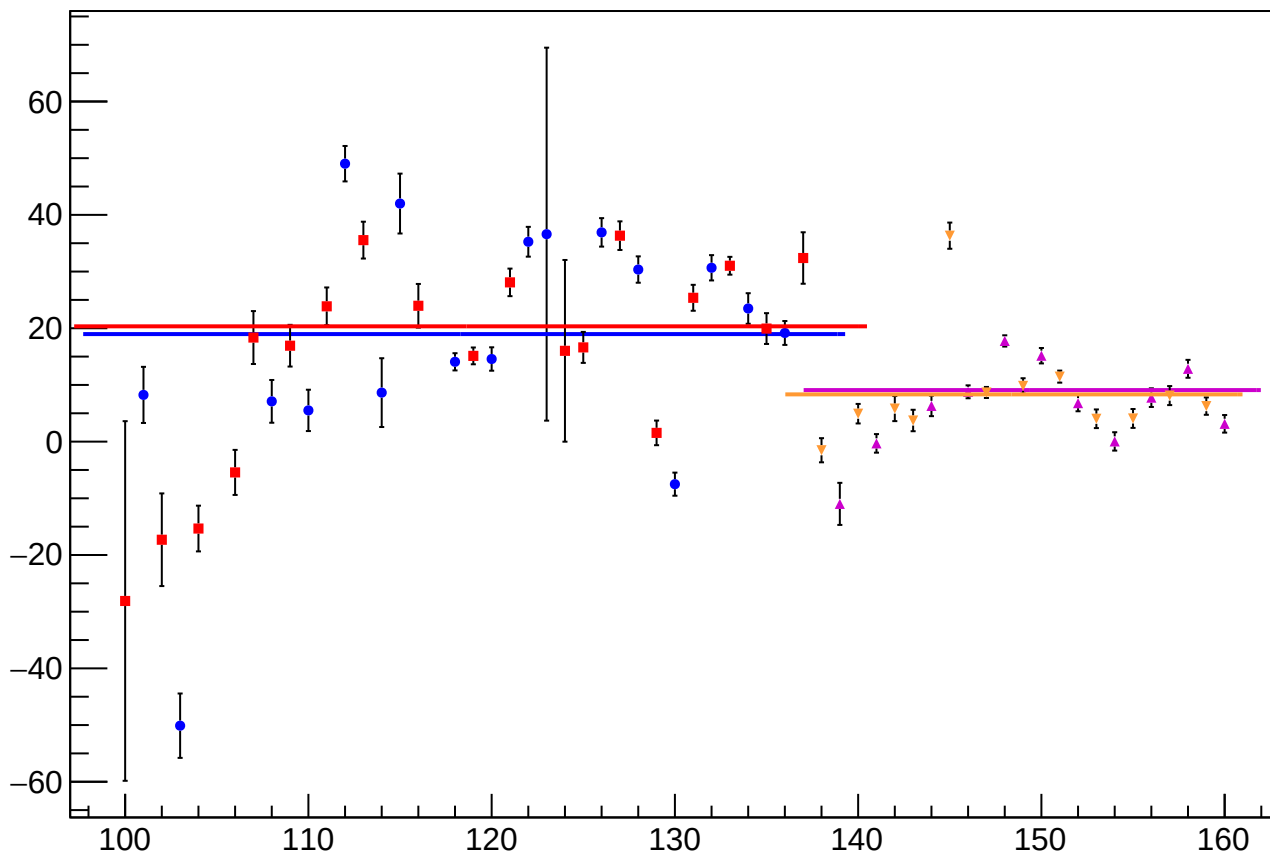
-43.986+/-0.655 χ^2/NDF : 814.6/11

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

Left In: -44.700+/-0.654 χ^2/NDF : 561.2/10

-44.700+/-0.654 χ^2/NDF : 561.2/10

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 $\pm$ 0.653 χ^2 /NDF: 618.4/16

Left Out: 8.334 $\pm$ 0.437 χ^2 /NDF: 204.5/11

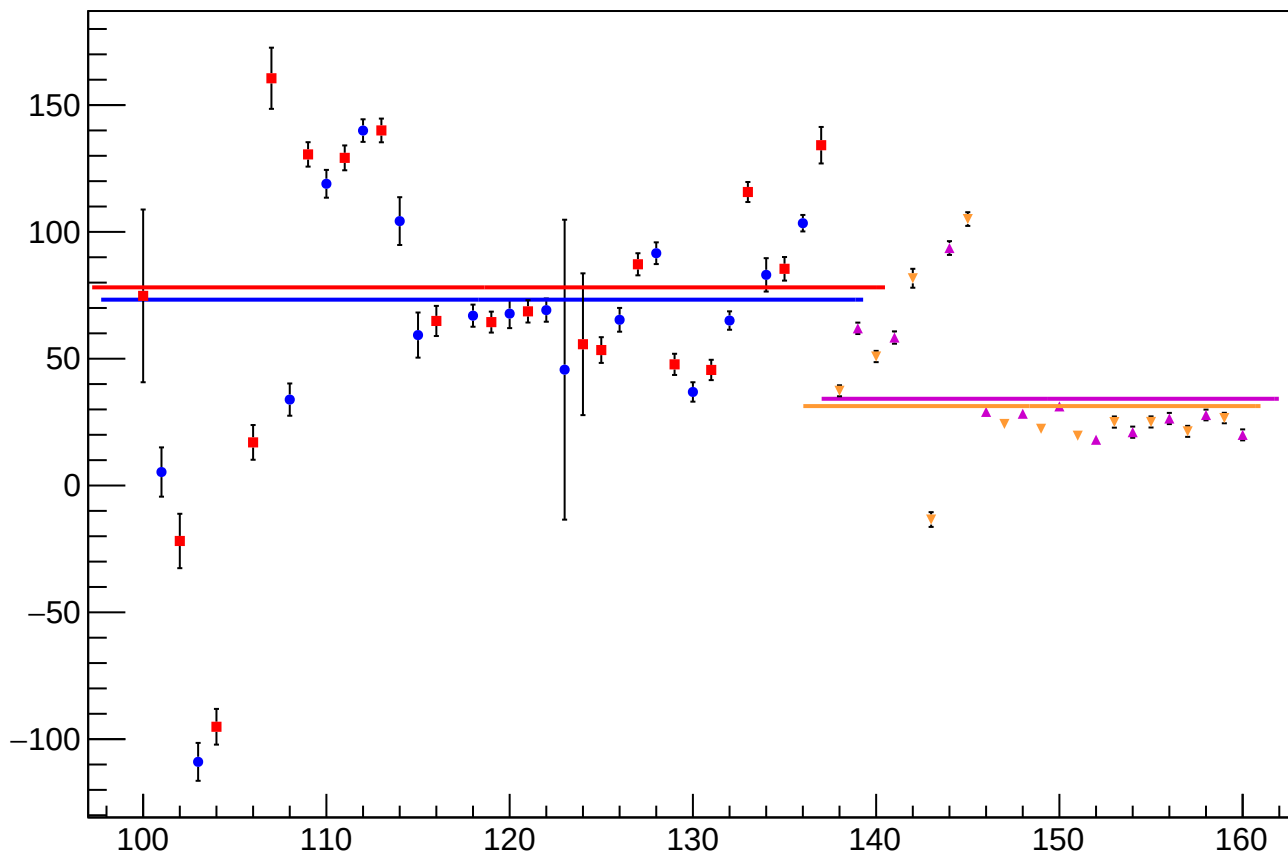
Right Out: 20.338 $\pm$ 0.642 χ^2 /NDF: 366.4/18

Left In: 9.092 $\pm$ 0.442 χ^2 /NDF: 215.7/10

11.628 $\pm$ 0.363 χ^2 /NDF: 1006.1/28

12.701 $\pm$ 0.364 χ^2 /NDF: 790.3/29

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278+/-1.236 χ^2 /NDF: 1198.6/16

Left Out: 31.319+/-0.640 χ^2 /NDF:1366.9/11

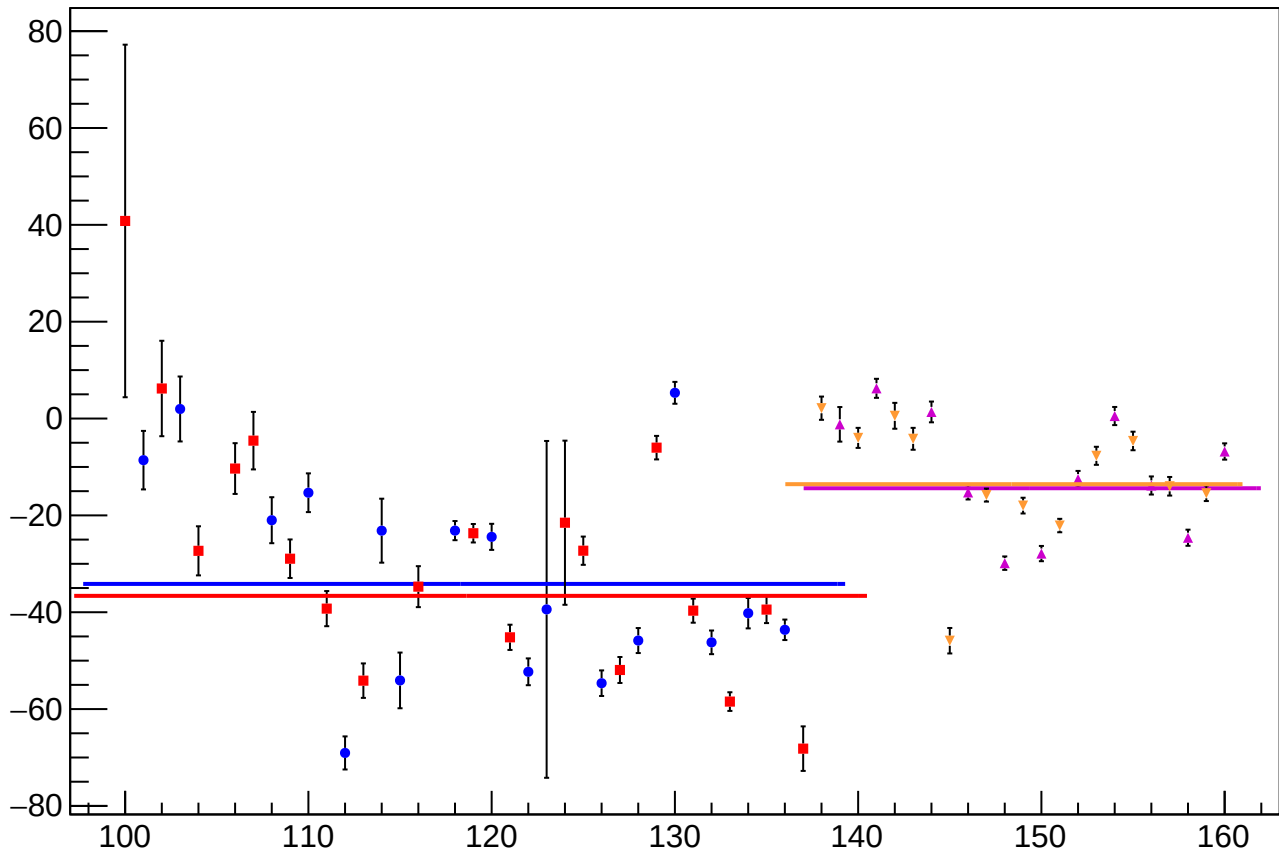
Right Out: 78.130+/-1.223 χ^2 /NDF: 1543.3/18

Left In: 34.200+/-0.633 χ^2 /NDF:930.5/10

40.183+/-0.568 χ^2 /NDF: 3473.8/28

43.479+/-0.562 χ^2 /NDF: 3492.3/29

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153±/0.745 χ^2/NDF : 717.5/16

Left Out: -13.554±/0.530 χ^2/NDF : 341.3/11

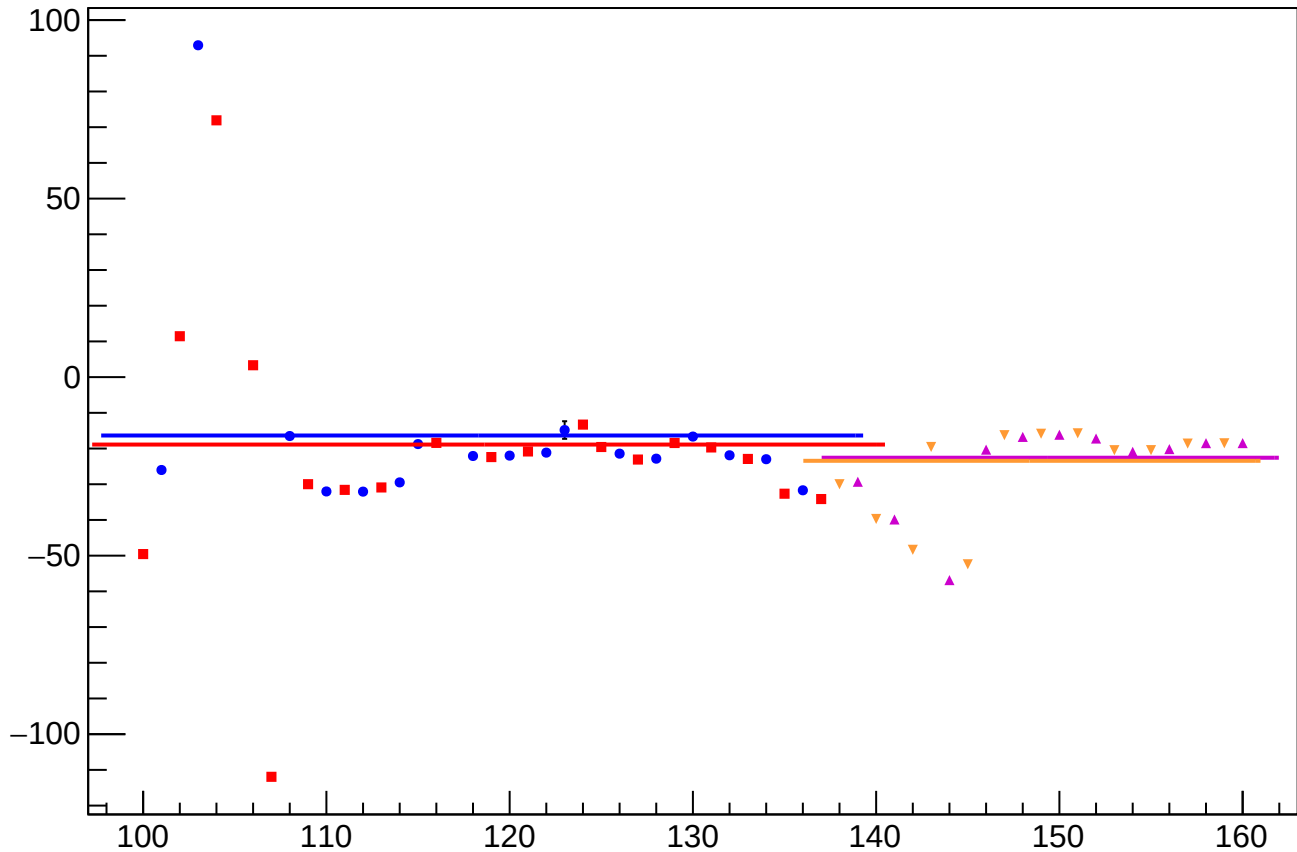
Right Out: -36.618±/0.736 χ^2/NDF : 547.0/18

Left In: -14.394±/0.528 χ^2/NDF : 498.5/10

-20.481±/0.432 χ^2/NDF : 1566.3/28

-21.958±/0.429 χ^2/NDF : 1647.4/29

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349 $\pm$ 0.045 χ^2 /NDF: 474192.3/16

Left Out: -23.436 $\pm$ 0.025 χ^2 /NDF: 172217.9/11

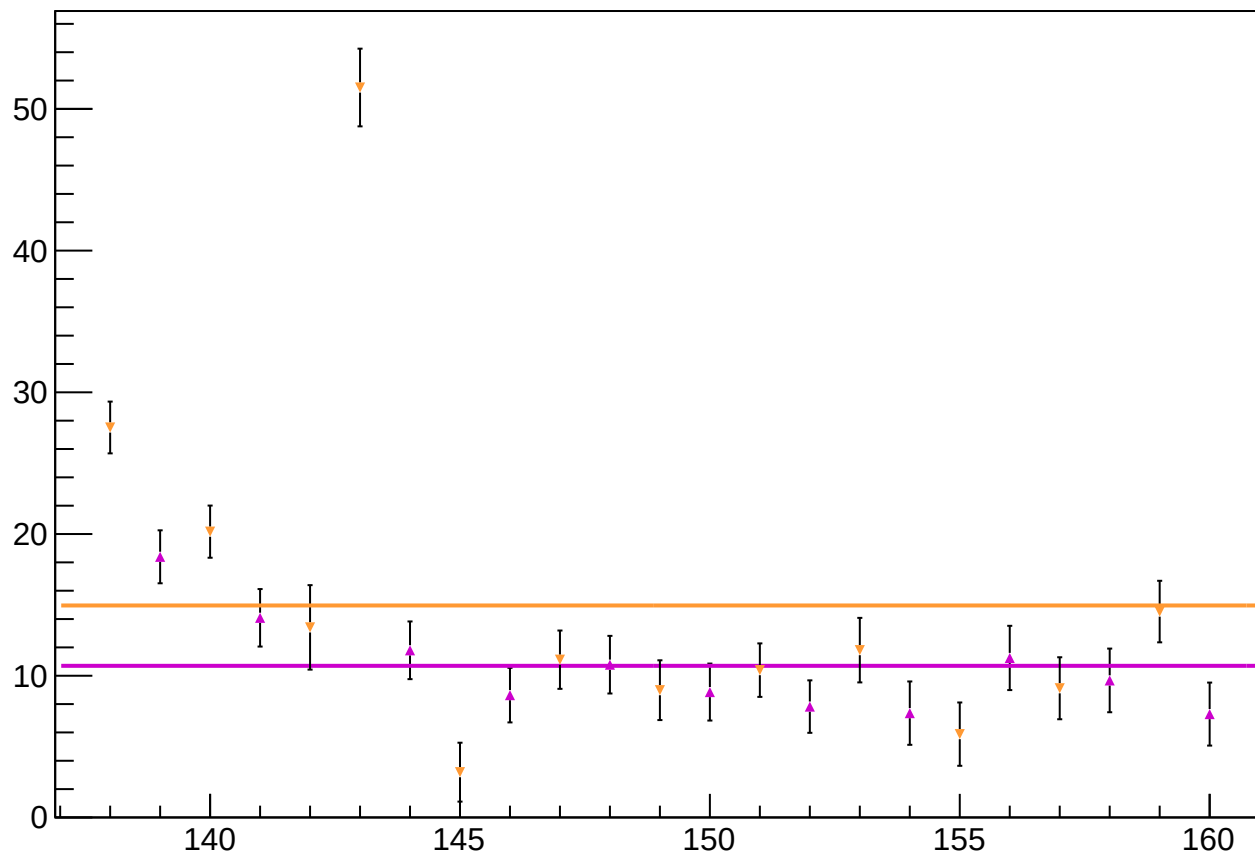
Right Out: -18.886 $\pm$ 0.045 χ^2 /NDF: 433793.7/18

Left In: -22.574 $\pm$ 0.025 χ^2 /NDF: 146126.4/10

-21.732 $\pm$ 0.022 χ^2 /NDF: 665550.1/28

-21.735 $\pm$ 0.022 χ^2 /NDF: 585041.2/29

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.959+/-0.617 χ^2/NDF :308.3/11

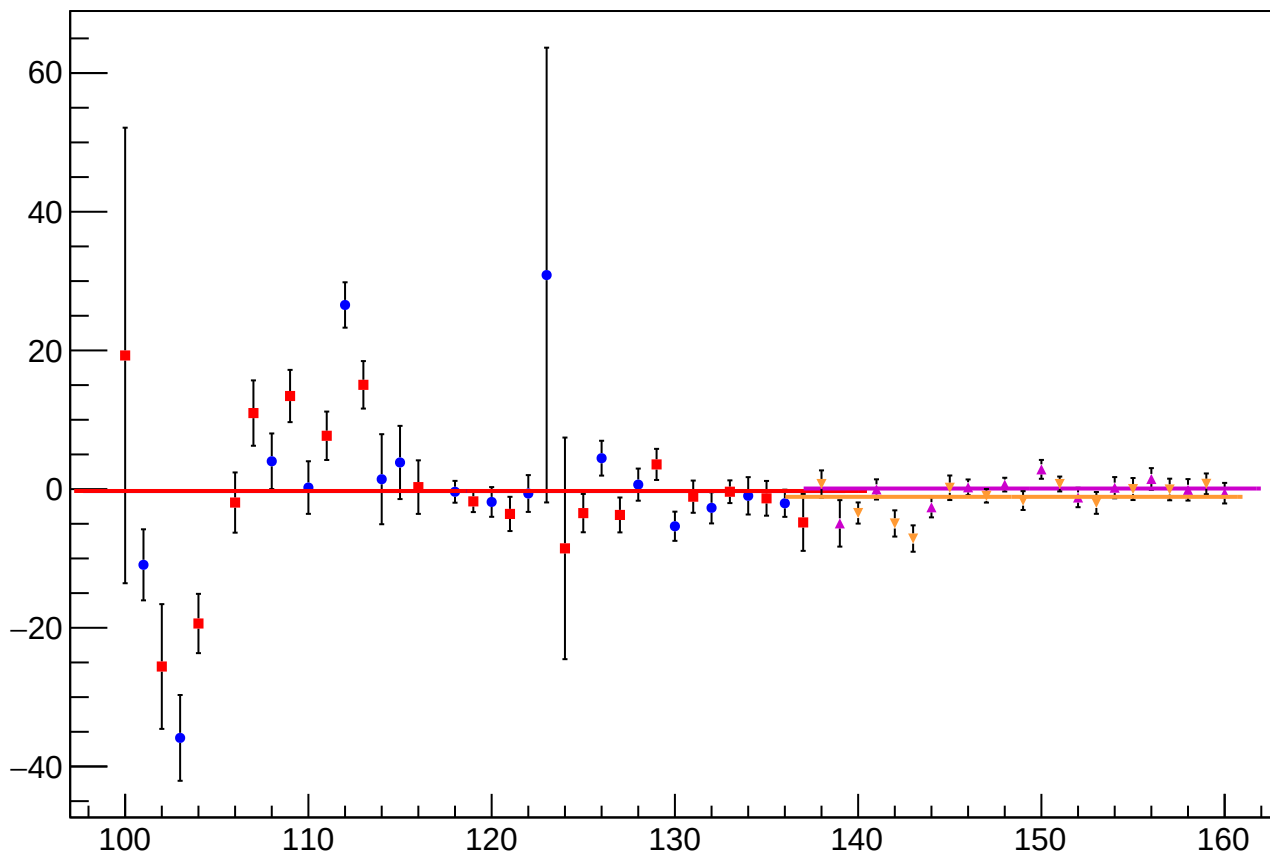
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.700+/-0.618 χ^2/NDF :29.3/10

14.959+/-0.617 χ^2/NDF : 308.3/11

10.700+/-0.618 χ^2/NDF : 29.3/10

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: -1.114 ± 0.419 χ^2/NDF : 23.9/11

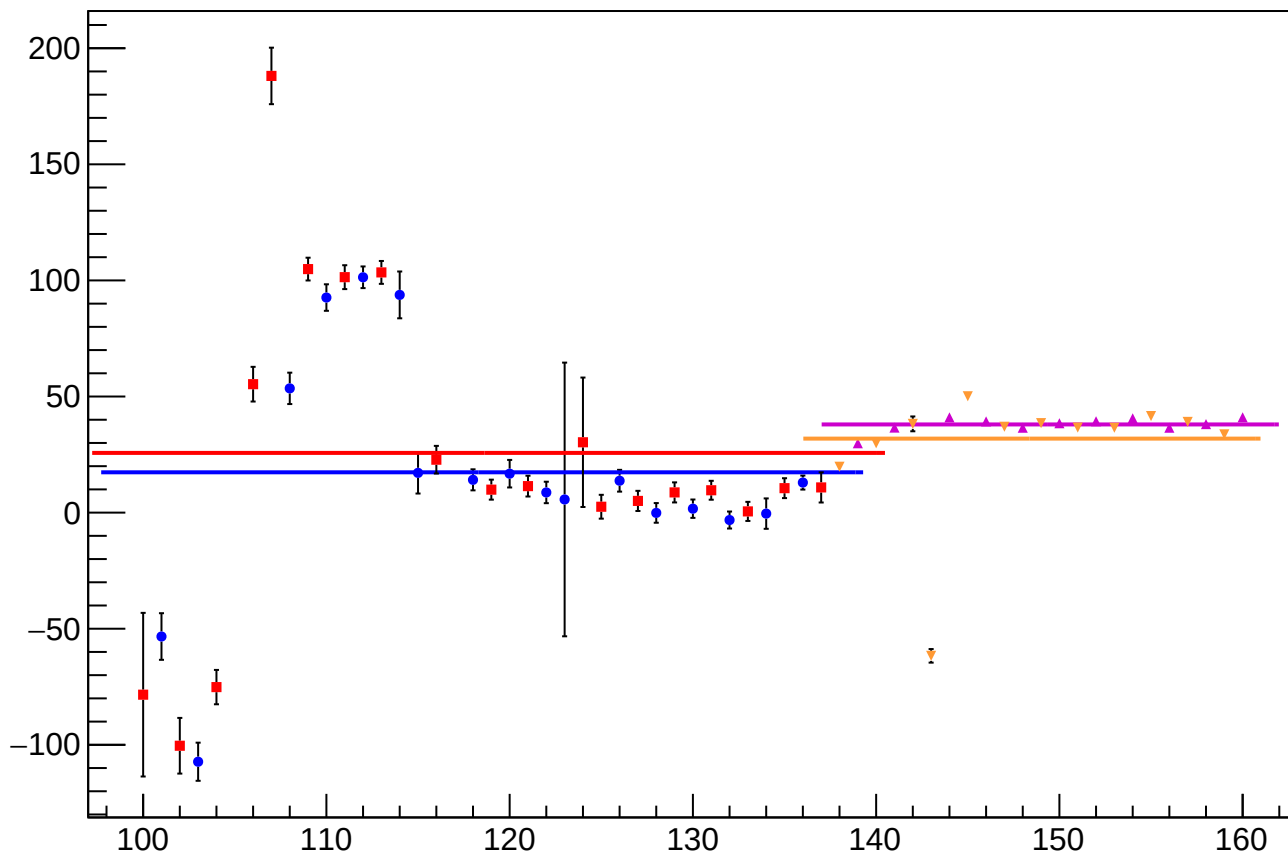
Right Out: -0.270 ± 0.656 χ^2/NDF : 83.2/18

Left In: 0.084 ± 0.423 χ^2/NDF : 12.0/10

-0.875 ± 0.354 χ^2/NDF : 144.6/28

-0.020 ± 0.356 χ^2/NDF : 95.4/29

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361+/-1.247 χ^2/NDF : 943.0/16

Left Out: 31.872+/-0.606 χ^2/NDF : 1200.0/11

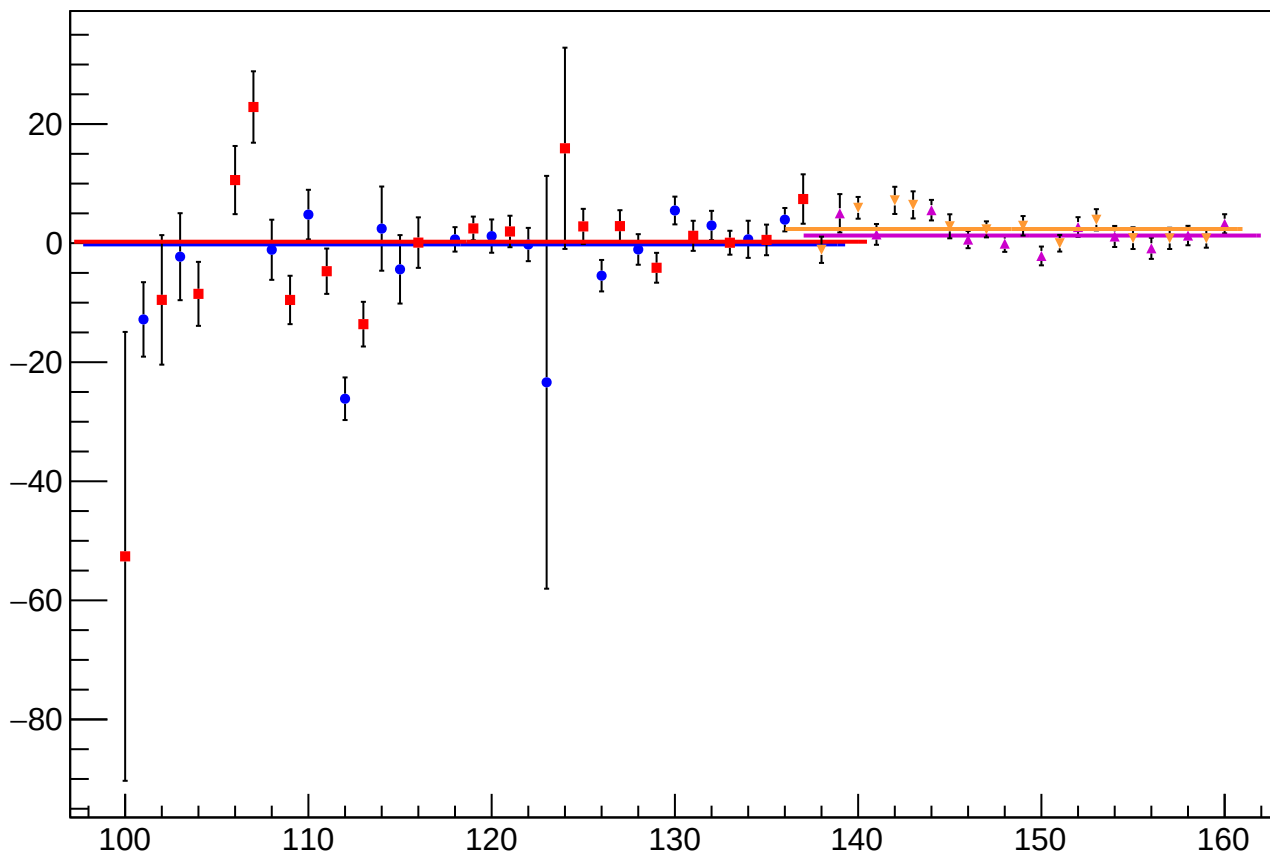
Right Out: 25.717+/-1.243 χ^2/NDF : 1378.8/18

Left In: 37.976+/-0.601 χ^2/NDF : 24.3/10

29.099+/-0.545 χ^2/NDF : 2252.5/28

35.650+/-0.541 χ^2/NDF : 1482.0/29

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 $\chi^2/\text{NDF}: 75.9/16$

Left Out: 2.375 ± 0.506 $\chi^2/\text{NDF}: 20.2/11$

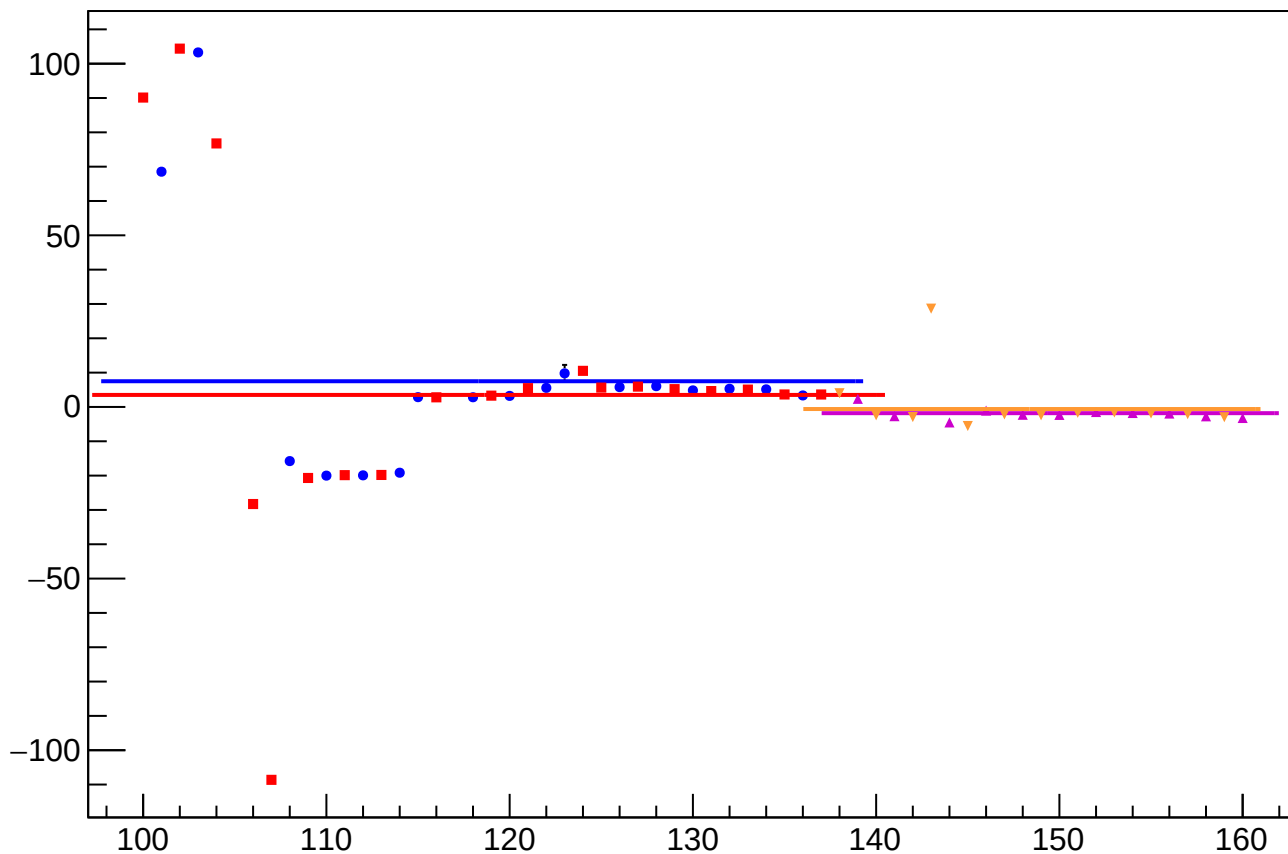
Right Out: 0.239 ± 0.748 $\chi^2/\text{NDF}: 54.5/18$

Left In: 1.276 ± 0.505 $\chi^2/\text{NDF}: 17.1/10$

1.569 ± 0.420 $\chi^2/\text{NDF}: 104.3/28$

0.952 ± 0.418 $\chi^2/\text{NDF}: 72.9/29$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 ± 0.045 χ^2/NDF : 355979.0/16

Left Out: -0.605 ± 0.024 χ^2/NDF : 73108.6/11

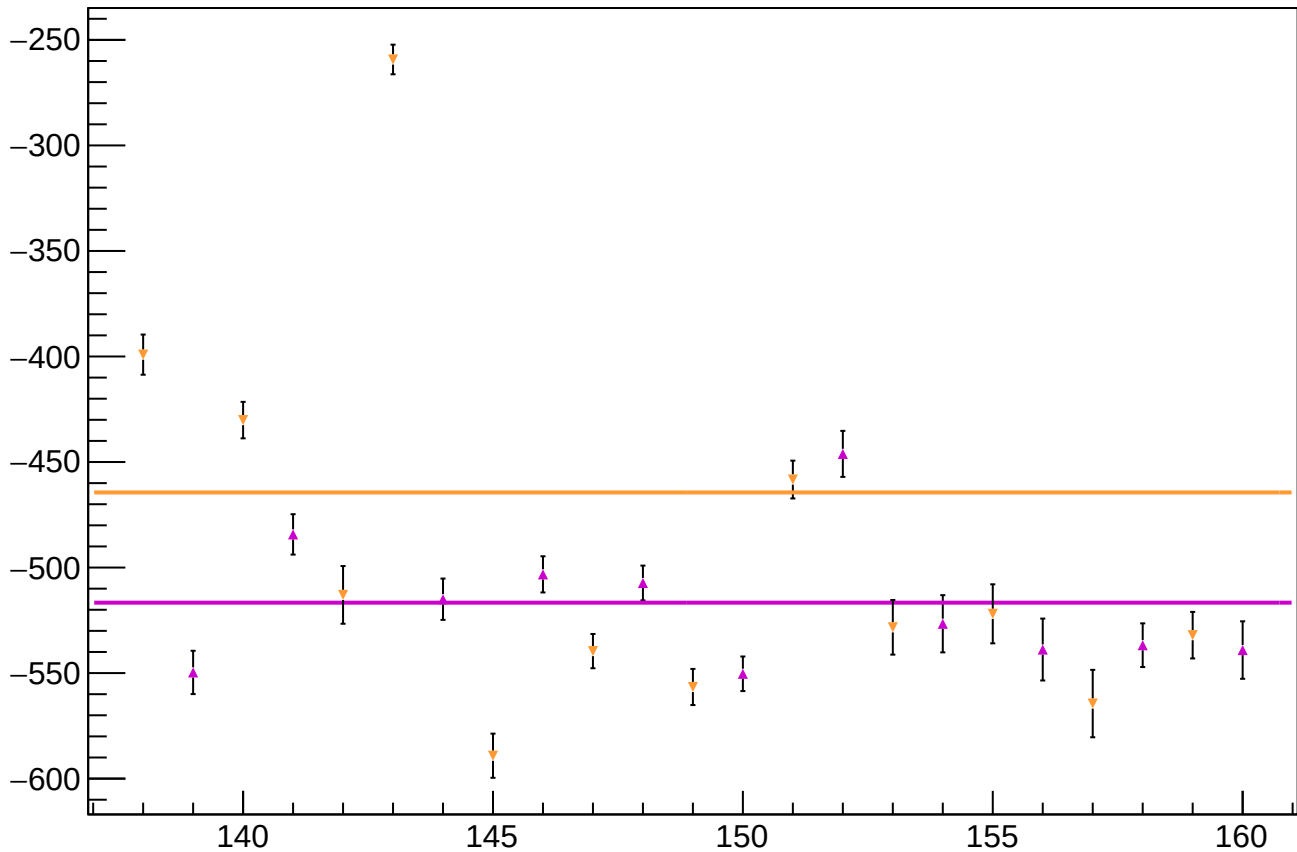
Right Out: 3.504 ± 0.046 χ^2/NDF : 510579.4/18

Left In: -1.810 ± 0.023 χ^2/NDF : 5015.7/10

1.176 ± 0.021 χ^2/NDF : 454758.2/28

-0.708 ± 0.021 χ^2/NDF : 526347.8/29

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -464.414+/-2.843 χ^2/NDF :1392.2/11

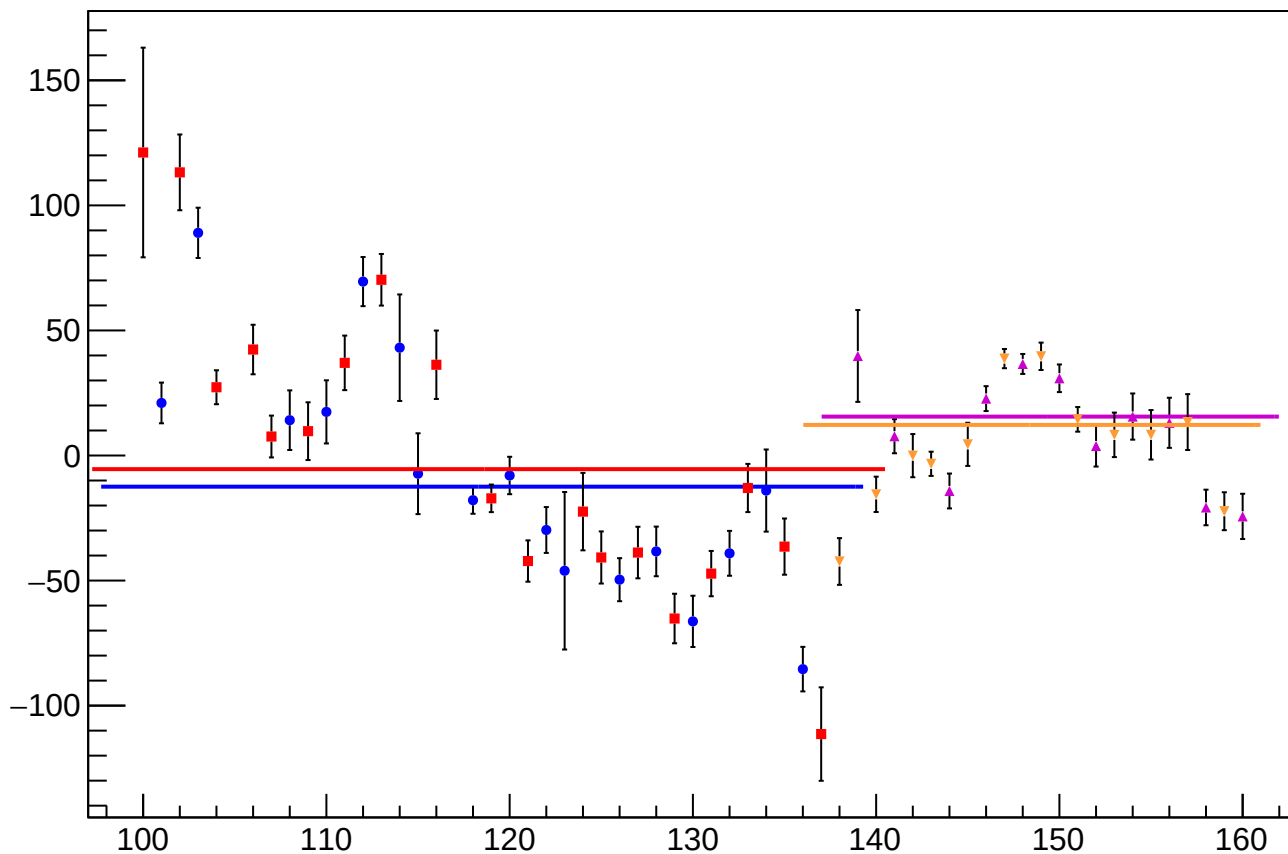
-464.414+/-2.843 χ^2/NDF : 1392.2/11

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

Left In: -516.638+/-3.053 χ^2/NDF :93.6/10

-516.638+/-3.053 χ^2/NDF : 93.6/10

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 12.237 ± 1.852 χ^2/NDF : 156.7/11

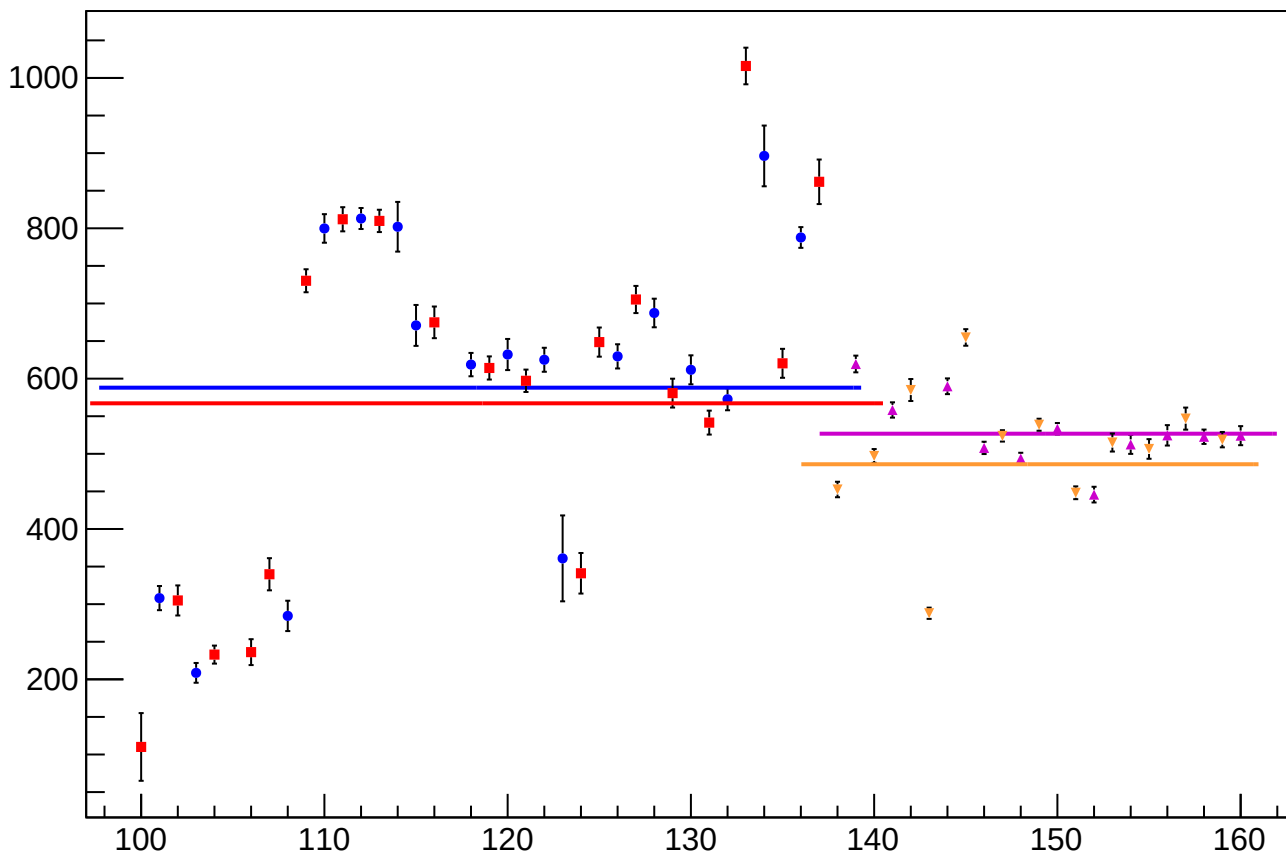
Right Out: -5.453 ± 2.259 χ^2/NDF : 345.0/18

Left In: 15.557 ± 2.002 χ^2/NDF : 106.6/10

2.767 ± 1.454 χ^2/NDF : 565.9/28

6.314 ± 1.498 χ^2/NDF : 500.0/29

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 $\pm$ 4.353 χ^2/NDF : 2129.6/16

Left Out: 486.125 $\pm$ 2.821 χ^2/NDF :1115.5/11

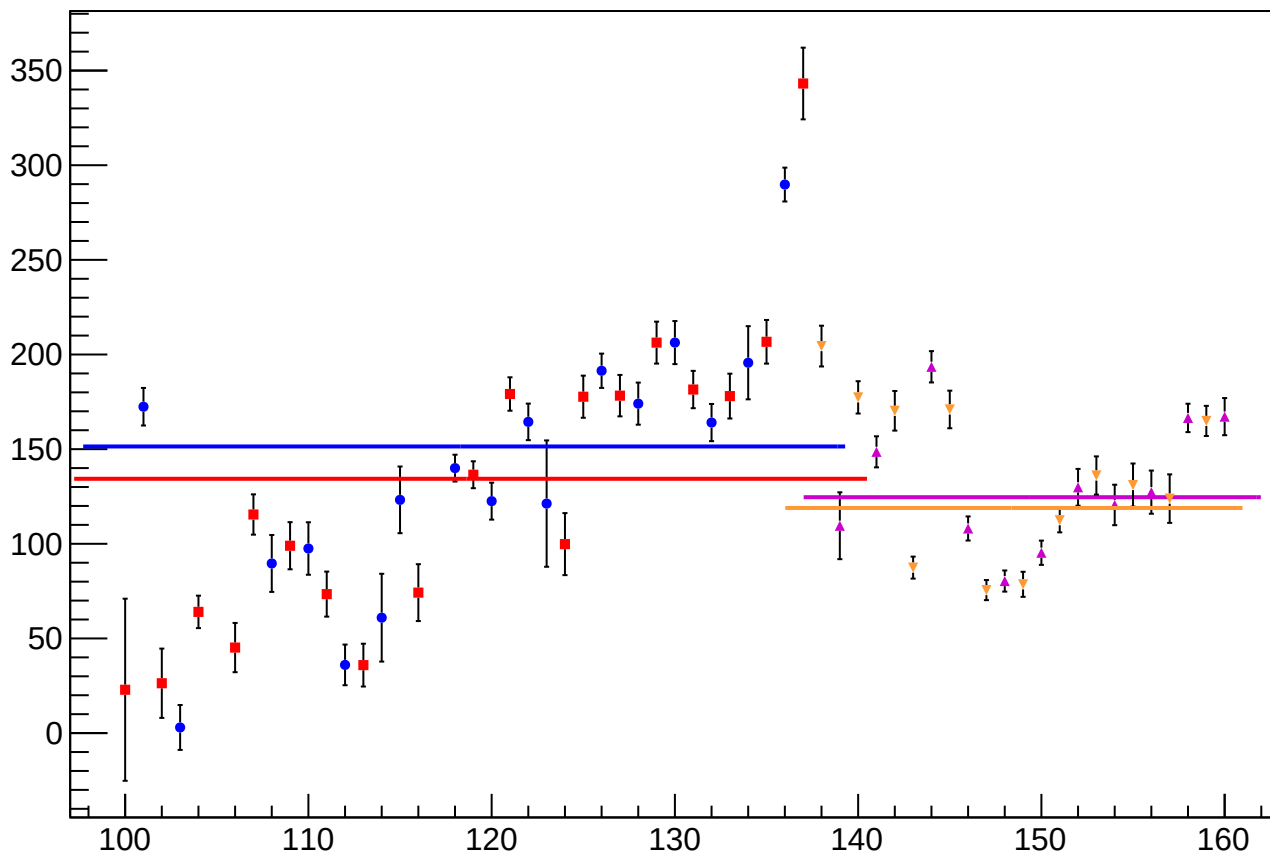
Right Out: 567.179 $\pm$ 4.136 χ^2/NDF : 2783.2/18

Left In: 526.764 $\pm$ 2.967 χ^2/NDF :201.6/10

516.250 $\pm$ 2.367 χ^2/NDF : 3630.8/28

540.493 $\pm$ 2.411 χ^2/NDF : 3047.8/29

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421 $\pm$ 2.709 χ^2/NDF : 633.3/16

Left Out: 118.937 $\pm$ 2.274 χ^2/NDF : 333.4/11

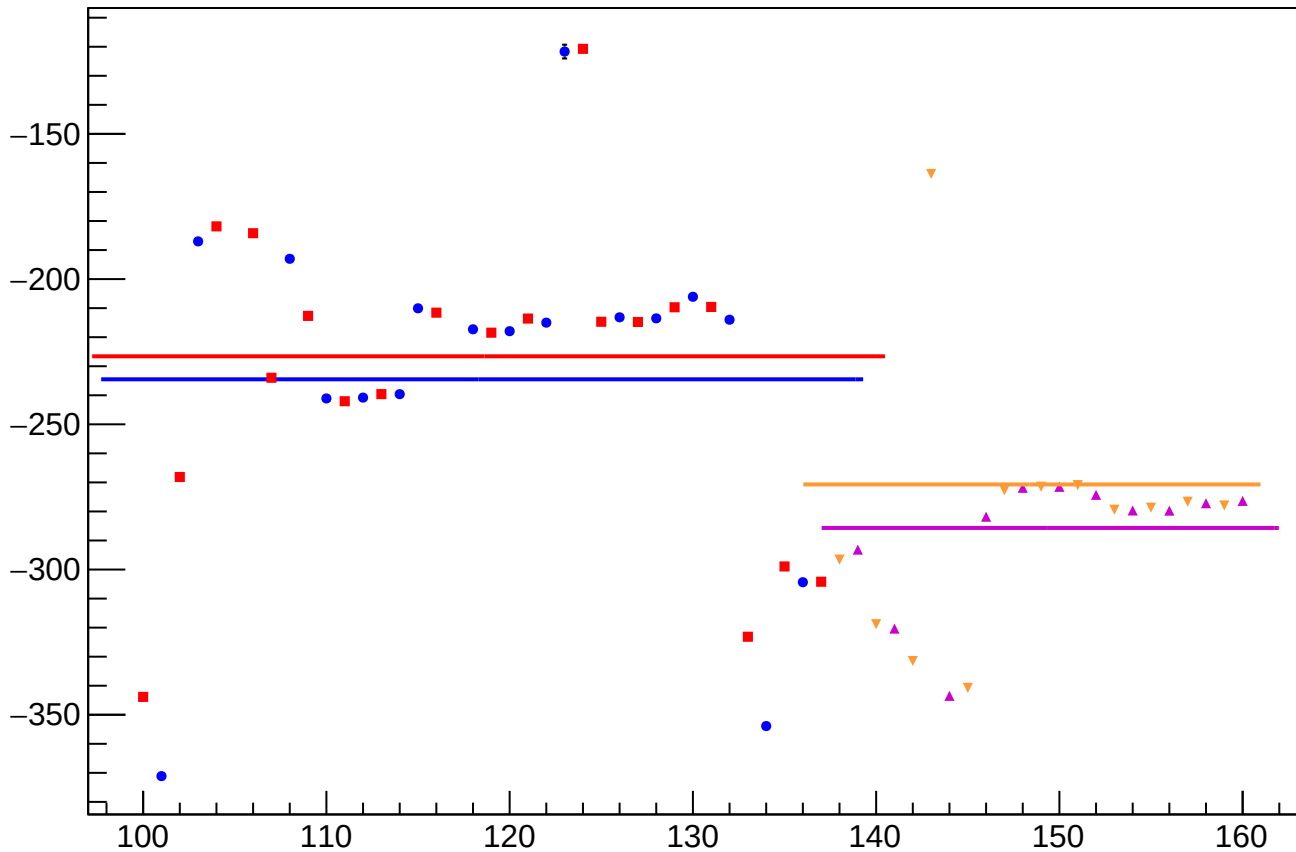
Right Out: 134.346 $\pm$ 2.616 χ^2/NDF : 584.9/18

Left In: 124.619 $\pm$ 2.433 χ^2/NDF : 219.8/10

132.367 $\pm$ 1.742 χ^2/NDF : 1051.0/28

129.131 $\pm$ 1.781 χ^2/NDF : 812.1/29

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501 ± 0.149 $\chi^2/\text{NDF}: 145046.5/16$

Left Out: -270.705 ± 0.114 $\chi^2/\text{NDF}: 182670.2/11$

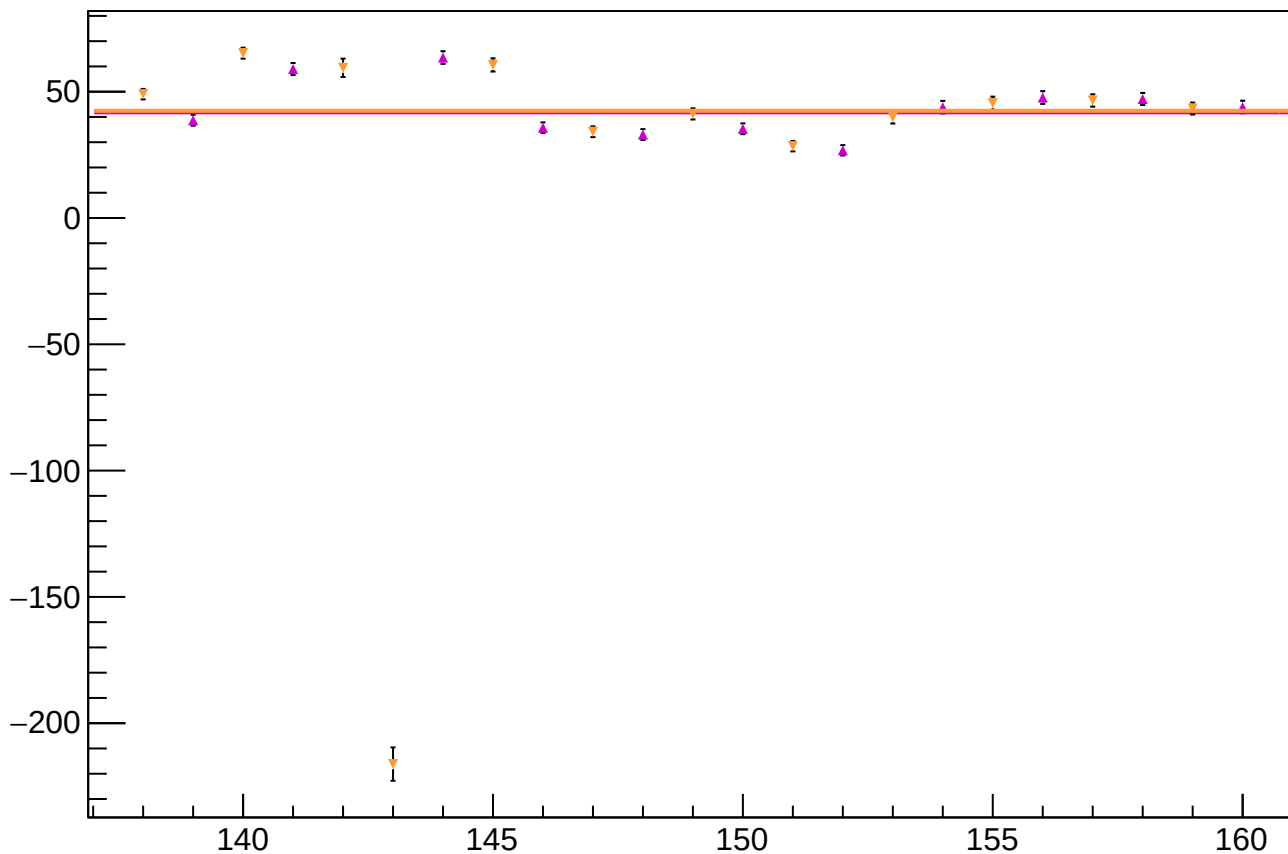
Right Out: -226.581 ± 0.141 $\chi^2/\text{NDF}: 98968.8/18$

Left In: -285.676 ± 0.118 $\chi^2/\text{NDF}: 29254.0/10$

-257.293 ± 0.091 $\chi^2/\text{NDF}: 364869.8/28$

-261.397 ± 0.091 $\chi^2/\text{NDF}: 231114.7/29$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.434+/-0.709 χ^2/NDF :1786.7/11

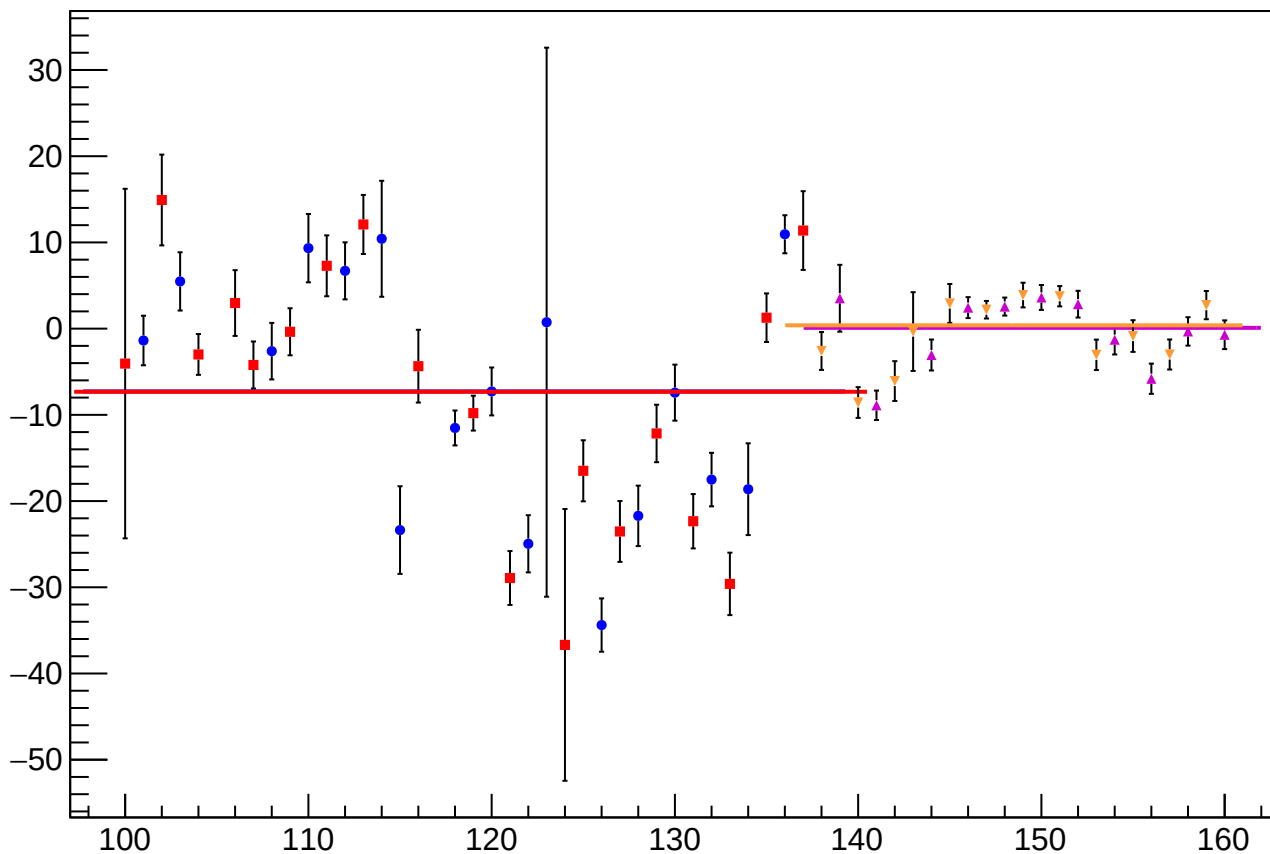
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.819+/-0.690 χ^2/NDF :228.4/10

42.434+/-0.709 χ^2/NDF : 1786.7/11

41.819+/-0.690 χ^2/NDF : 228.4/10

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.284 ± 0.789 χ^2/NDF : 283.2/16

Left Out: 0.385 ± 0.474 χ^2/NDF : 63.6/11

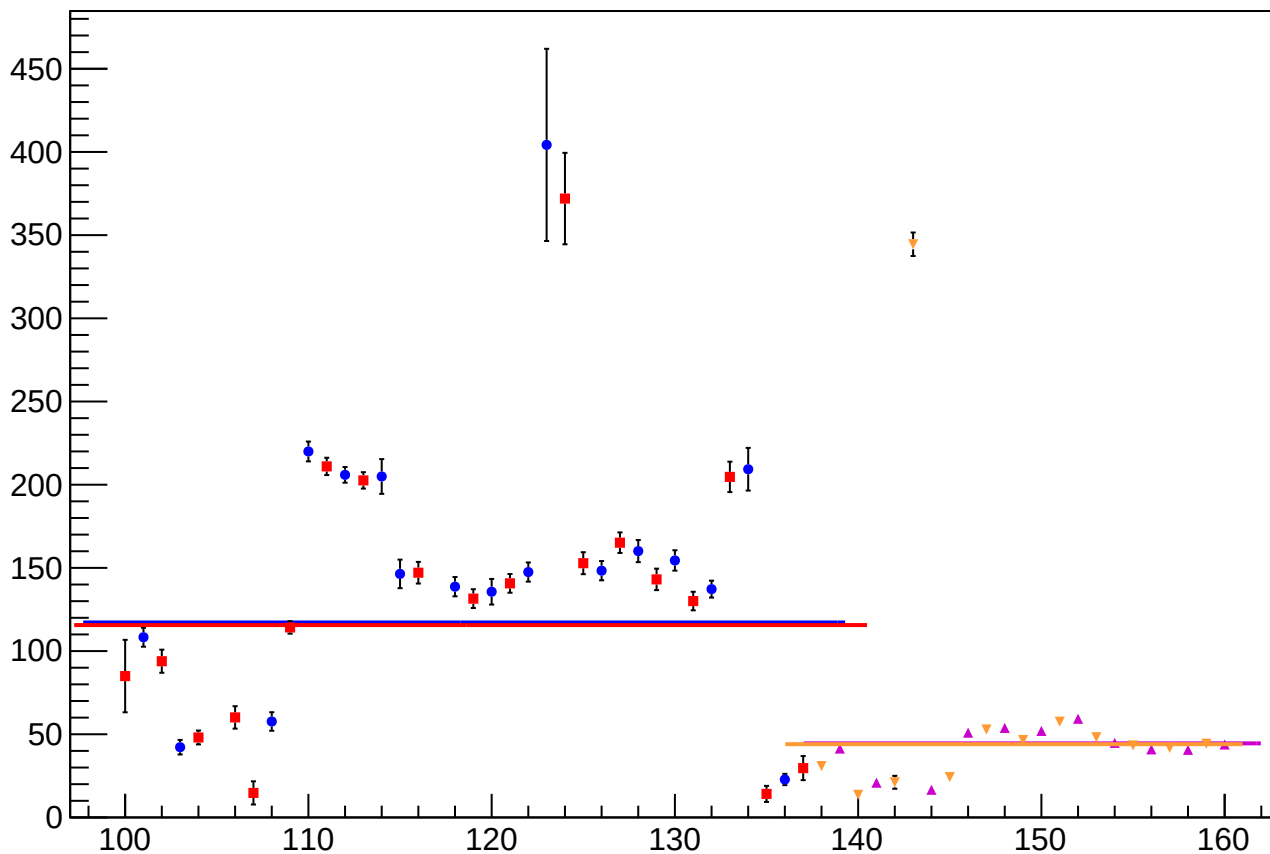
Right Out: -7.323 ± 0.761 χ^2/NDF : 255.3/18

Left In: 0.093 ± 0.466 χ^2/NDF : 62.3/10

-1.653 ± 0.406 χ^2/NDF : 416.3/28

-1.931 ± 0.397 χ^2/NDF : 386.7/29

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187+/-1.416 χ^2/NDF : 2161.0/16

Left Out: 44.041+/-0.691 χ^2/NDF : 2179.8/11

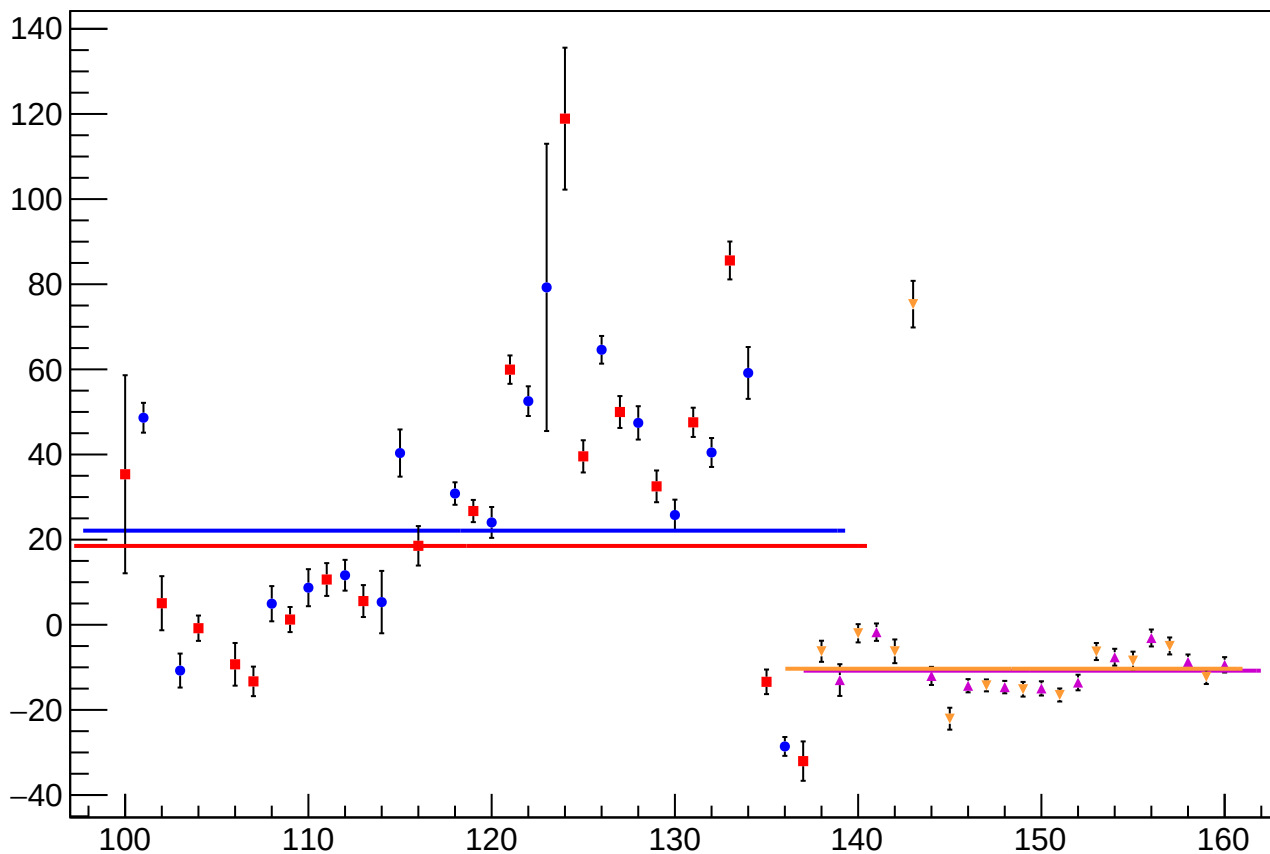
Right Out: 115.632+/-1.361 χ^2/NDF : 2137.6/18

Left In: 44.533+/-0.668 χ^2/NDF : 304.8/10

58.116+/-0.621 χ^2/NDF : 6494.7/28

58.342+/-0.600 χ^2/NDF : 4641.3/29

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 $\pm$ 0.898 χ^2 /NDF: 1070.3/16

Left Out: -10.328 $\pm$ 0.575 χ^2 /NDF: 330.5/11

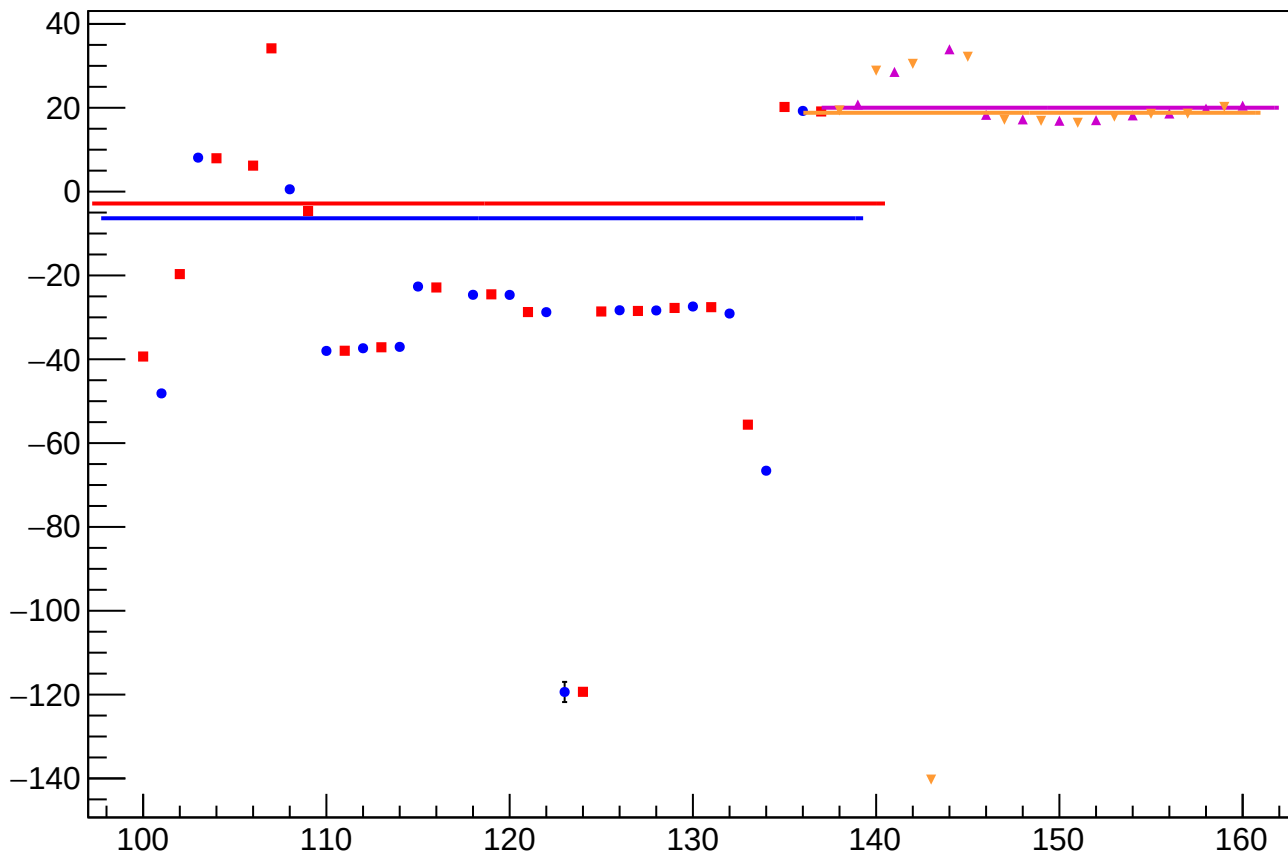
Right Out: 18.521 $\pm$ 0.871 χ^2 /NDF: 1068.6/18

Left In: -10.785 $\pm$ 0.558 χ^2 /NDF: 60.3/10

-0.896 $\pm$ 0.484 χ^2 /NDF: 2325.9/28

-2.260 $\pm$ 0.470 χ^2 /NDF: 1931.3/29

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360 ± 0.046 $\chi^2/\text{NDF}: 264750.9/16$

Left Out: 18.806 ± 0.027 $\chi^2/\text{NDF}: 348909.7/11$

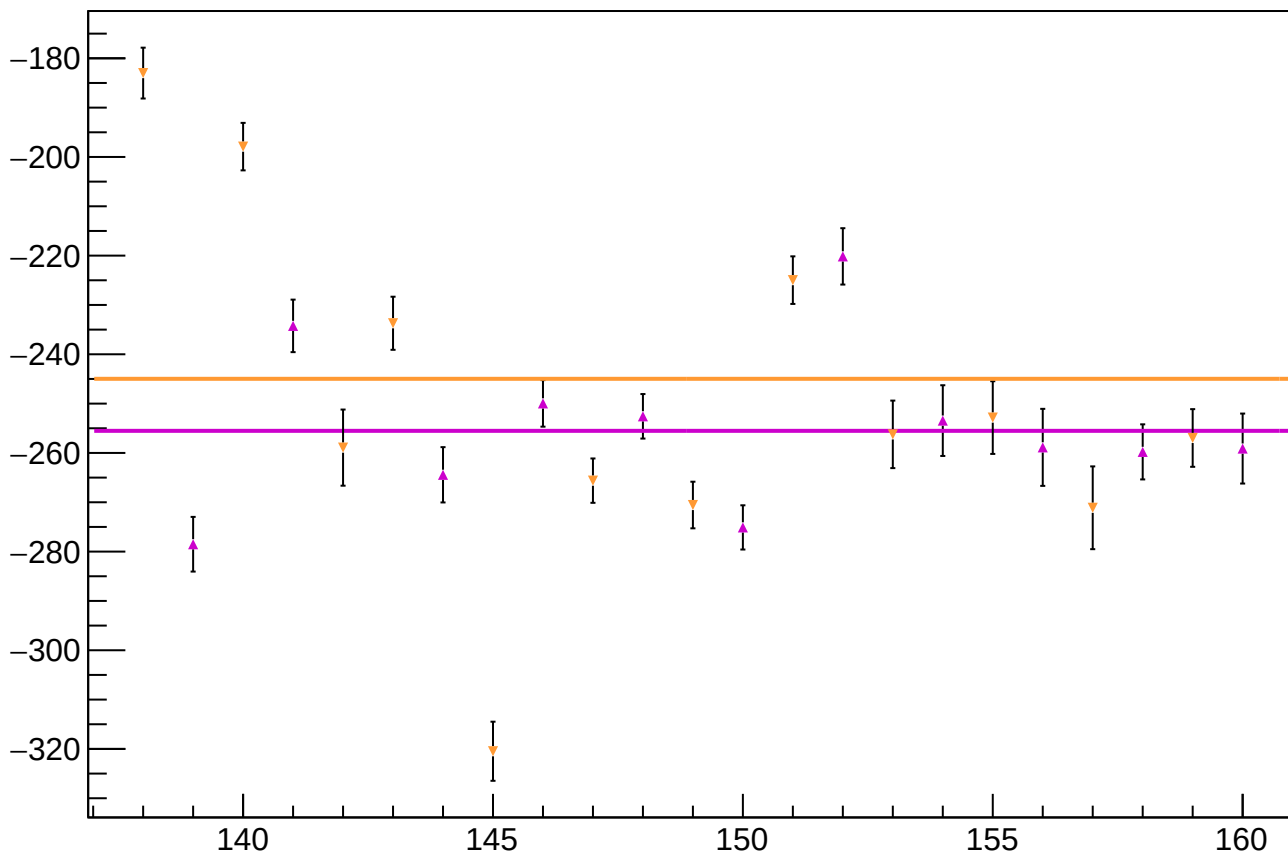
Right Out: -2.837 ± 0.046 $\chi^2/\text{NDF}: 265573.0/18$

Left In: 20.013 ± 0.026 $\chi^2/\text{NDF}: 26145.1/10$

12.377 ± 0.023 $\chi^2/\text{NDF}: 833498.7/28$

14.443 ± 0.023 $\chi^2/\text{NDF}: 480404.7/29$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -244.972+/-1.621 χ^2/NDF : 492.1/11

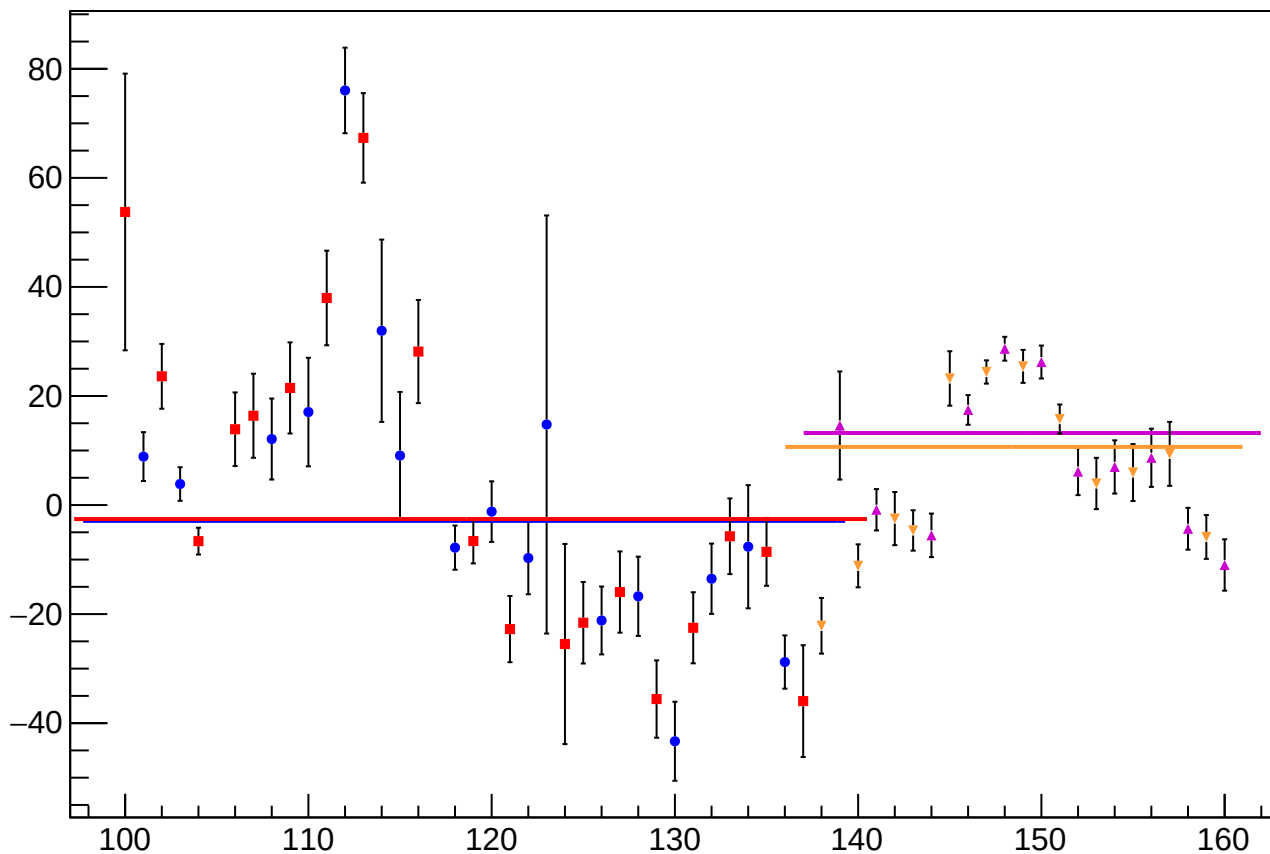
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.520+/-1.662 χ^2/NDF : 96.0/10

-244.972+/-1.621 χ^2/NDF : 492.1/11

-255.520+/-1.662 χ^2/NDF : 96.0/10

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: 10.658 ± 1.053 χ^2/NDF : 191.6/11

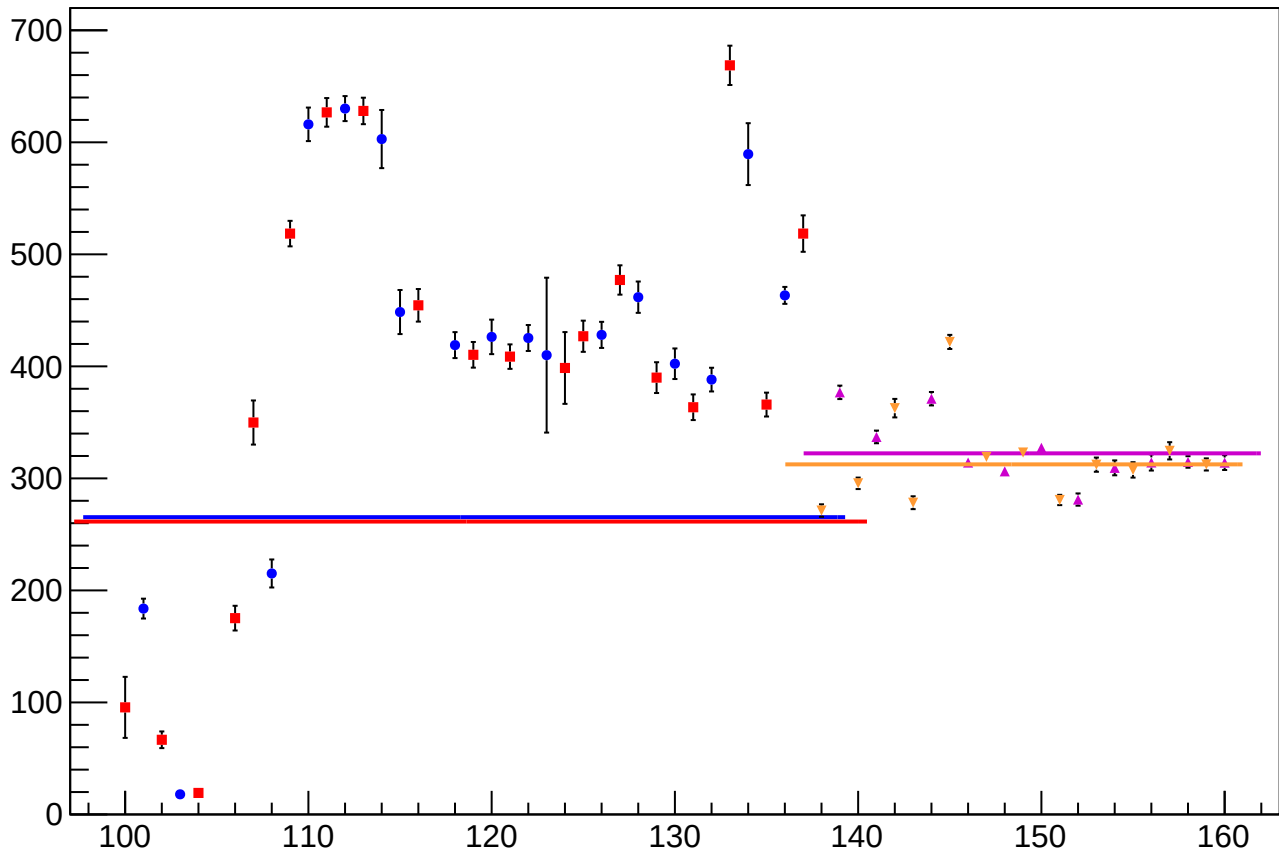
Right Out: -2.570 ± 1.396 χ^2/NDF : 218.2/18

Left In: 13.213 ± 1.091 χ^2/NDF : 159.3/10

6.045 ± 0.856 χ^2/NDF : 451.5/28

7.231 ± 0.860 χ^2/NDF : 456.8/29

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 $\pm$ 2.488 χ^2 /NDF: 7633.8/16

Left Out: 312.510 $\pm$ 1.596 χ^2 /NDF: 498.5/11

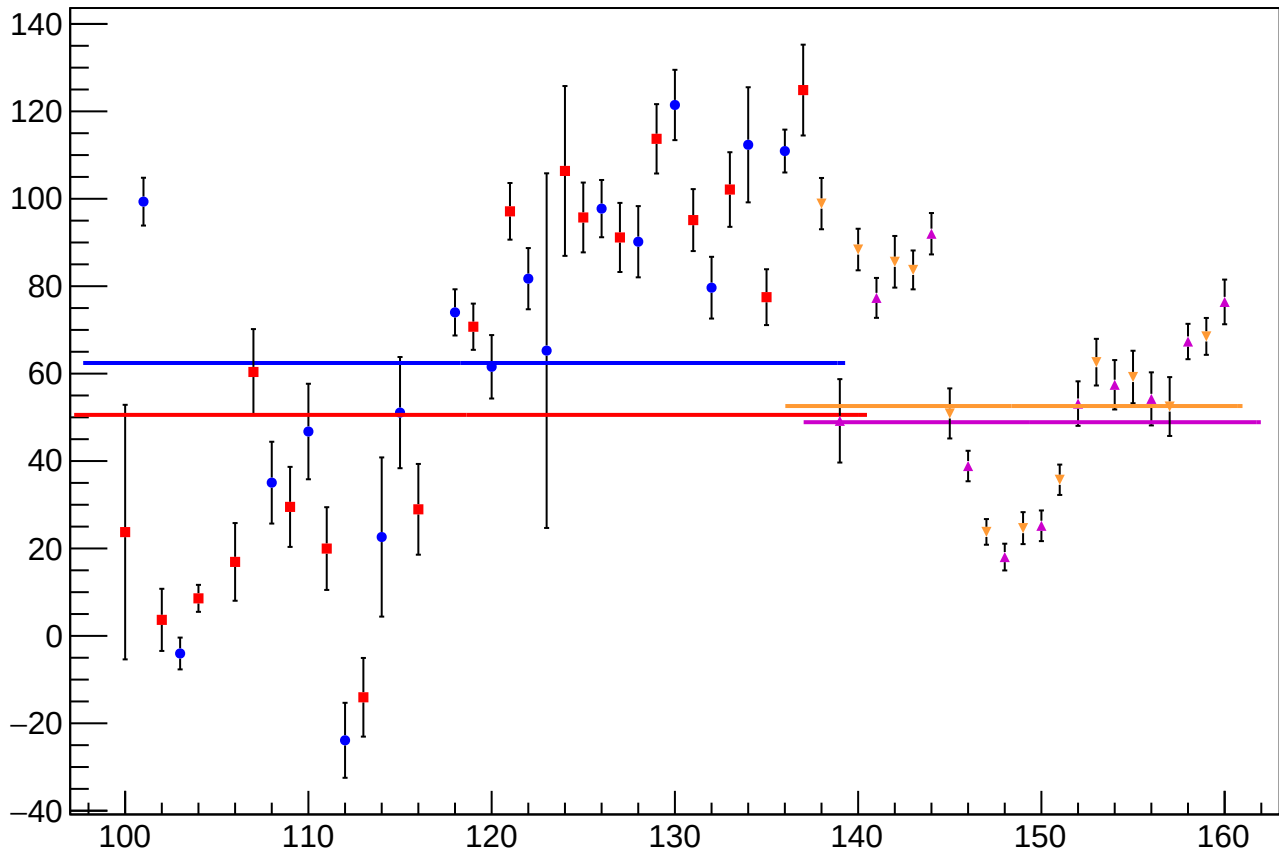
Right Out: 261.465 $\pm$ 2.458 χ^2 /NDF: 8204.3/18

Left In: 322.348 $\pm$ 1.613 χ^2 /NDF: 239.8/10

298.764 $\pm$ 1.344 χ^2 /NDF: 8386.6/28

304.023 $\pm$ 1.348 χ^2 /NDF: 8873.0/29

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 ± 1.694 $\chi^2/\text{NDF}: 721.8/16$

Left Out: 52.585 ± 1.294 $\chi^2/\text{NDF}: 396.3/11$

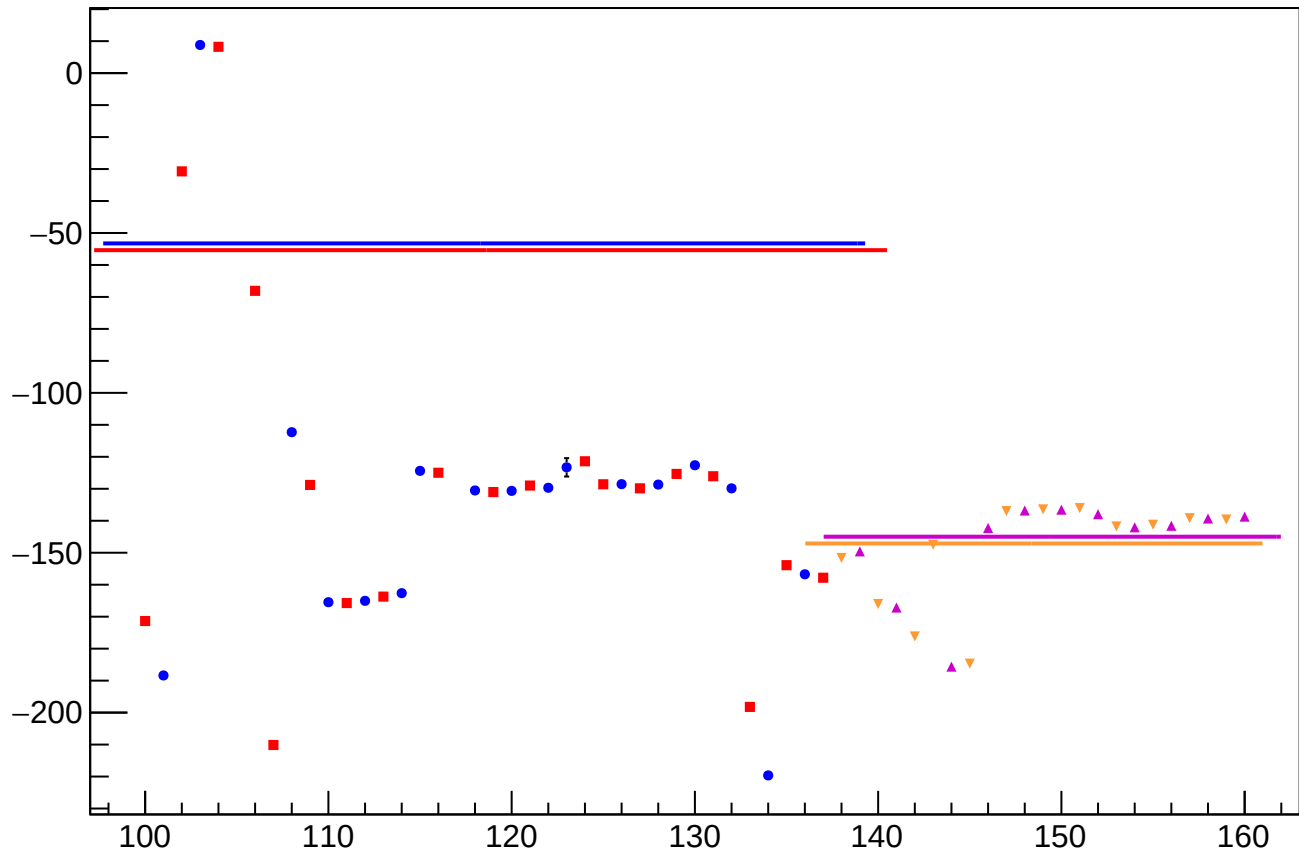
Right Out: 50.560 ± 1.642 $\chi^2/\text{NDF}: 657.4/18$

Left In: 48.887 ± 1.324 $\chi^2/\text{NDF}: 330.9/10$

56.214 ± 1.028 $\chi^2/\text{NDF}: 1139.4/28$

49.547 ± 1.031 $\chi^2/\text{NDF}: 988.9/29$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264 ± 0.070 $\chi^2/\text{NDF}: 1225492.9/16$

Left Out: -147.107 ± 0.065 $\chi^2/\text{NDF}: 50444.0/11$

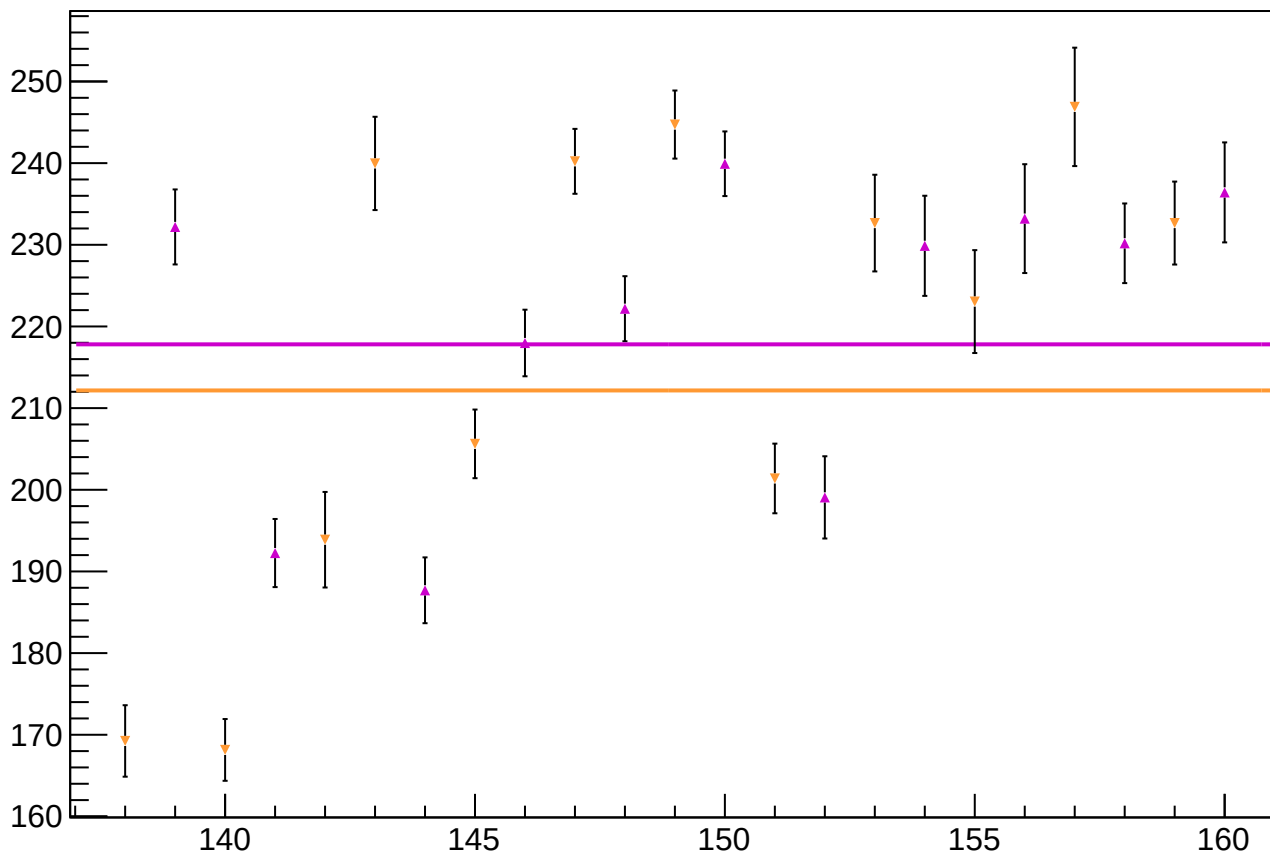
Right Out: -55.373 ± 0.072 $\chi^2/\text{NDF}: 967027.2/18$

Left In: -144.988 ± 0.064 $\chi^2/\text{NDF}: 41273.6/10$

-104.280 ± 0.048 $\chi^2/\text{NDF}: 2241590.4/28$

-105.404 ± 0.048 $\chi^2/\text{NDF}: 1874381.4/29$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 212.164+/-1.379 χ^2/NDF : 438.9/11

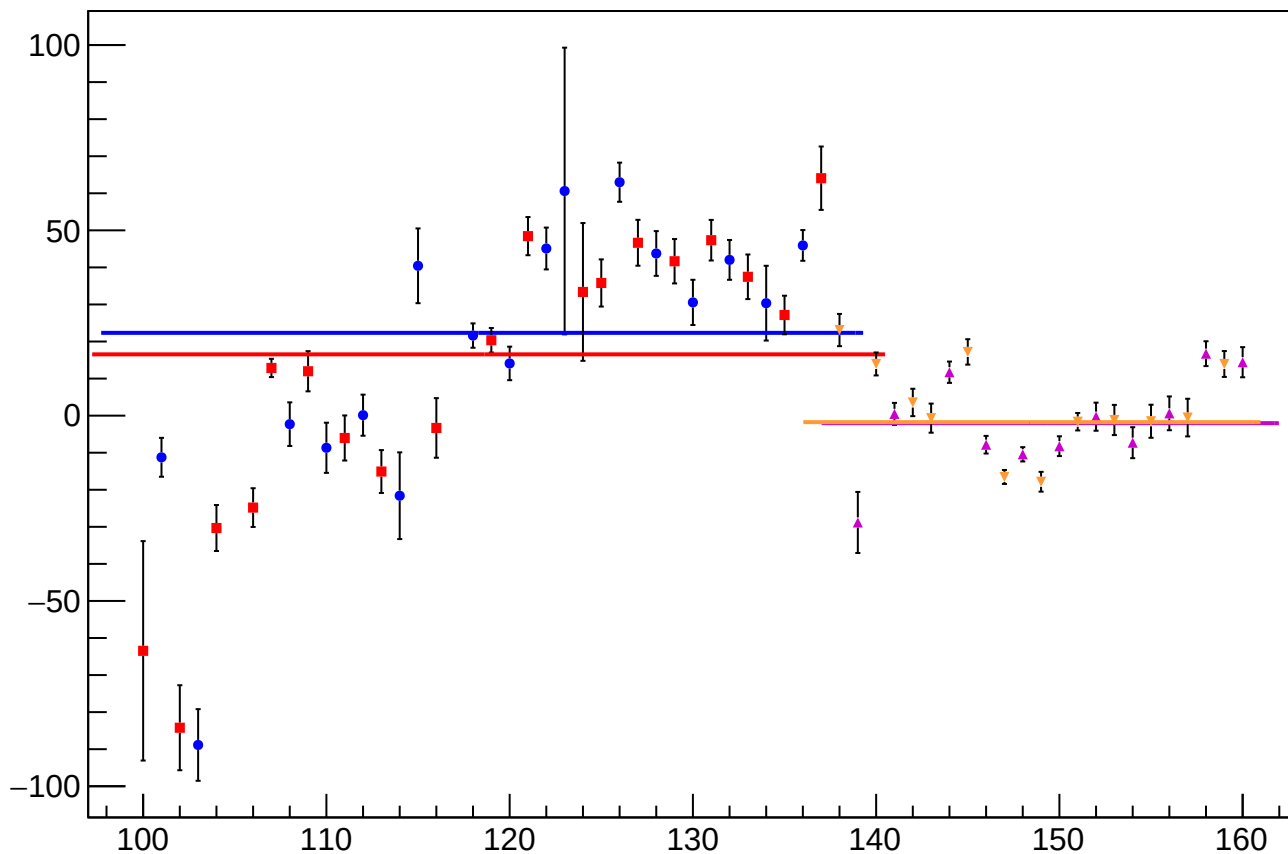
212.164+/-1.379 χ^2/NDF : 438.9/11

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

217.810+/-1.399 χ^2/NDF : 174.3/10

Left In: 217.810+/-1.399 χ^2/NDF : 174.3/10

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342 ± 1.395 χ^2/NDF : 385.8/16

Left Out: -1.754 ± 0.908 χ^2/NDF : 209.2/11

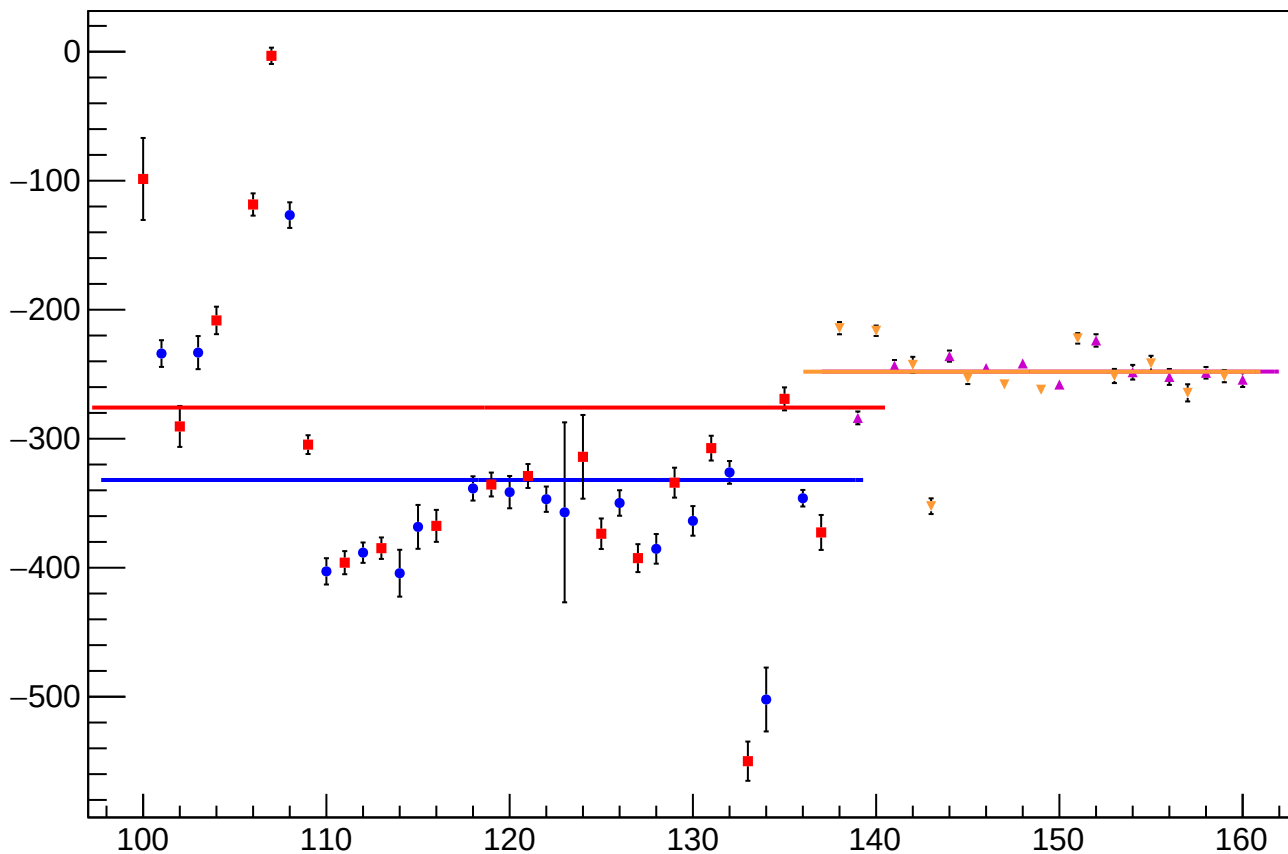
Right Out: 16.537 ± 1.227 χ^2/NDF : 426.6/18

Left In: -2.023 ± 0.929 χ^2/NDF : 114.2/10

5.413 ± 0.761 χ^2/NDF : 804.6/28

4.740 ± 0.741 χ^2/NDF : 686.1/29

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989+/-2.580 χ^2/NDF : 785.0/16

Left Out: -248.041+/-1.364 χ^2/NDF : 475.7/11

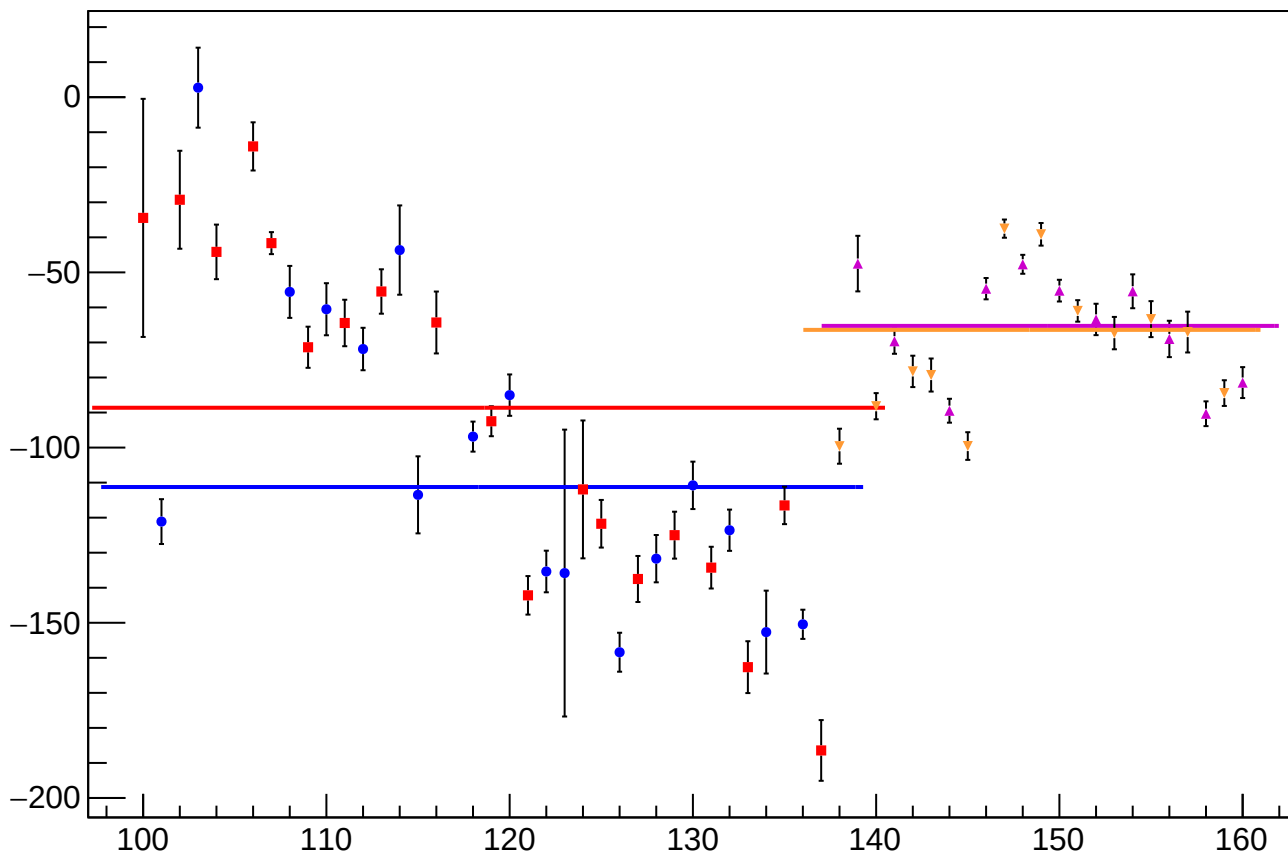
-266.377+/-1.206 χ^2/NDF : 2088.0/28

Right Out: -275.842+/-2.325 χ^2/NDF : 3362.2/18

-255.122+/-1.178 χ^2/NDF : 3567.4/29

Left In: -247.964+/-1.366 χ^2/NDF : 98.3/10

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 ± 1.597 χ^2/NDF : 509.6/16

Left Out: -66.409 ± 1.111 χ^2/NDF : 386.0/11

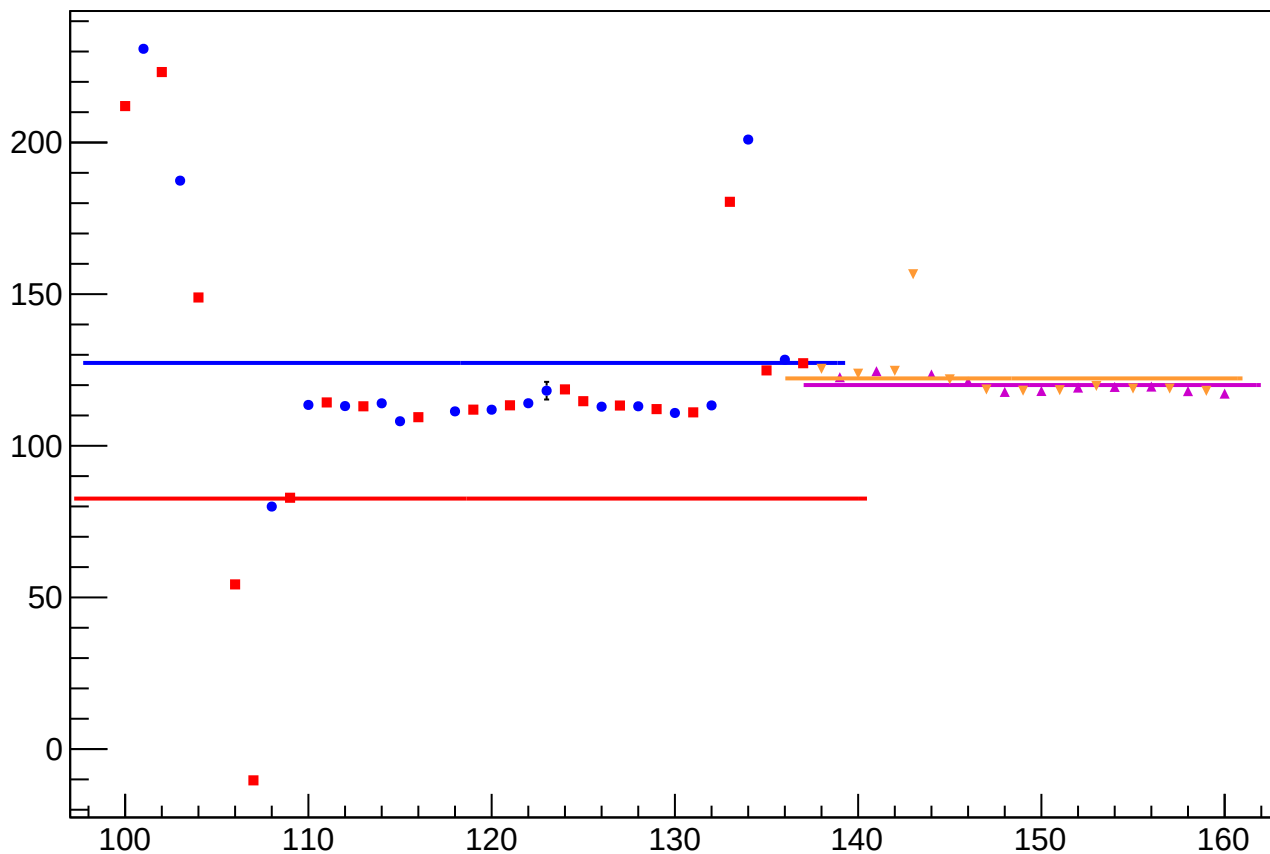
Right Out: -88.633 ± 1.433 χ^2/NDF : 971.0/18

Left In: -65.272 ± 1.125 χ^2/NDF : 190.6/10

-81.038 ± 0.912 χ^2/NDF : 1426.8/28

-74.178 ± 0.885 χ^2/NDF : 1326.0/29

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323±/0.089 χ^2/NDF : 187776.4/16

Left Out: 122.220±/0.055 χ^2/NDF : 22876.9/11

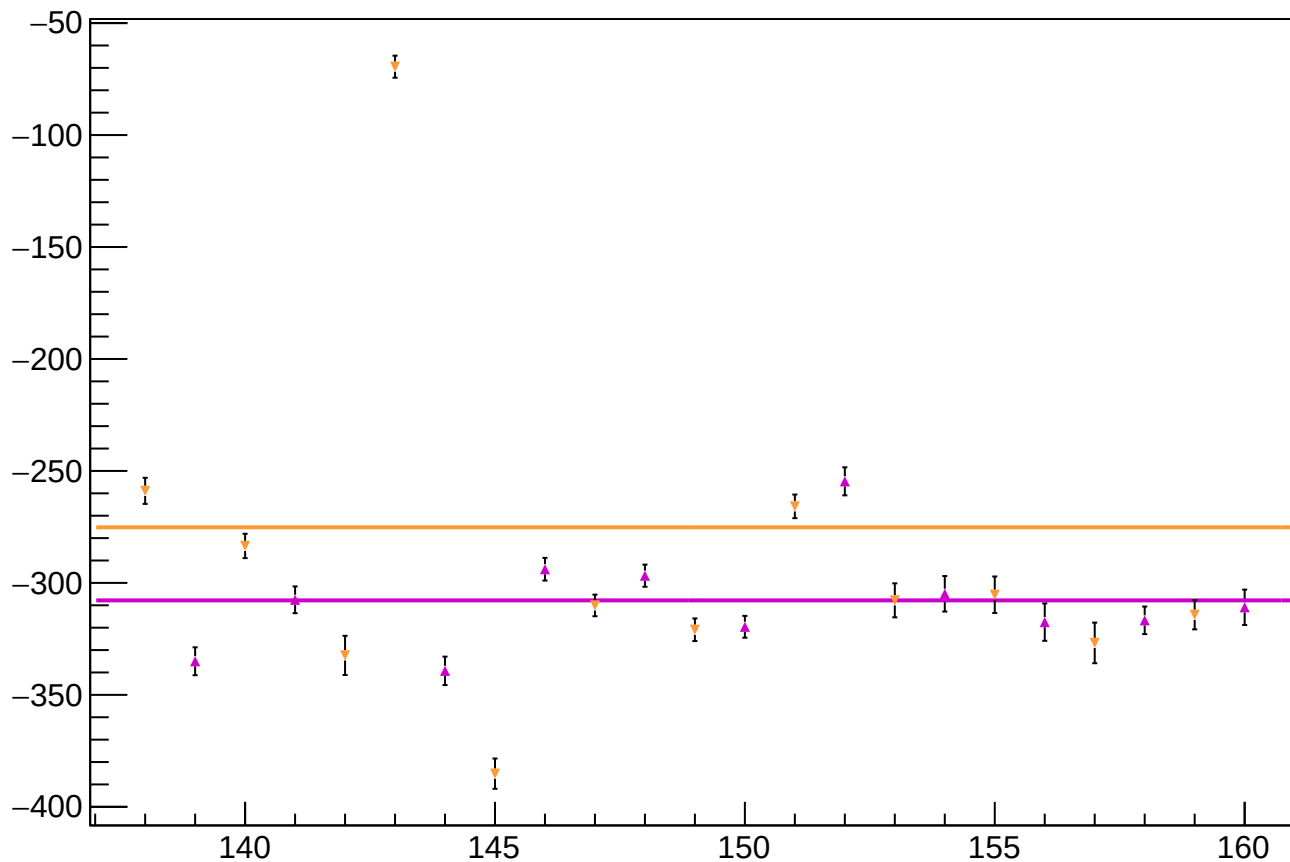
Right Out: 82.595±/0.075 χ^2/NDF : 765022.5/18

Left In: 120.029±/0.054 χ^2/NDF : 1974.1/10

123.622±/0.047 χ^2/NDF : 213014.3/28

107.248±/0.044 χ^2/NDF : 929437.9/29

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -275.175+/-1.751 χ^2/NDF : 2301.2/11

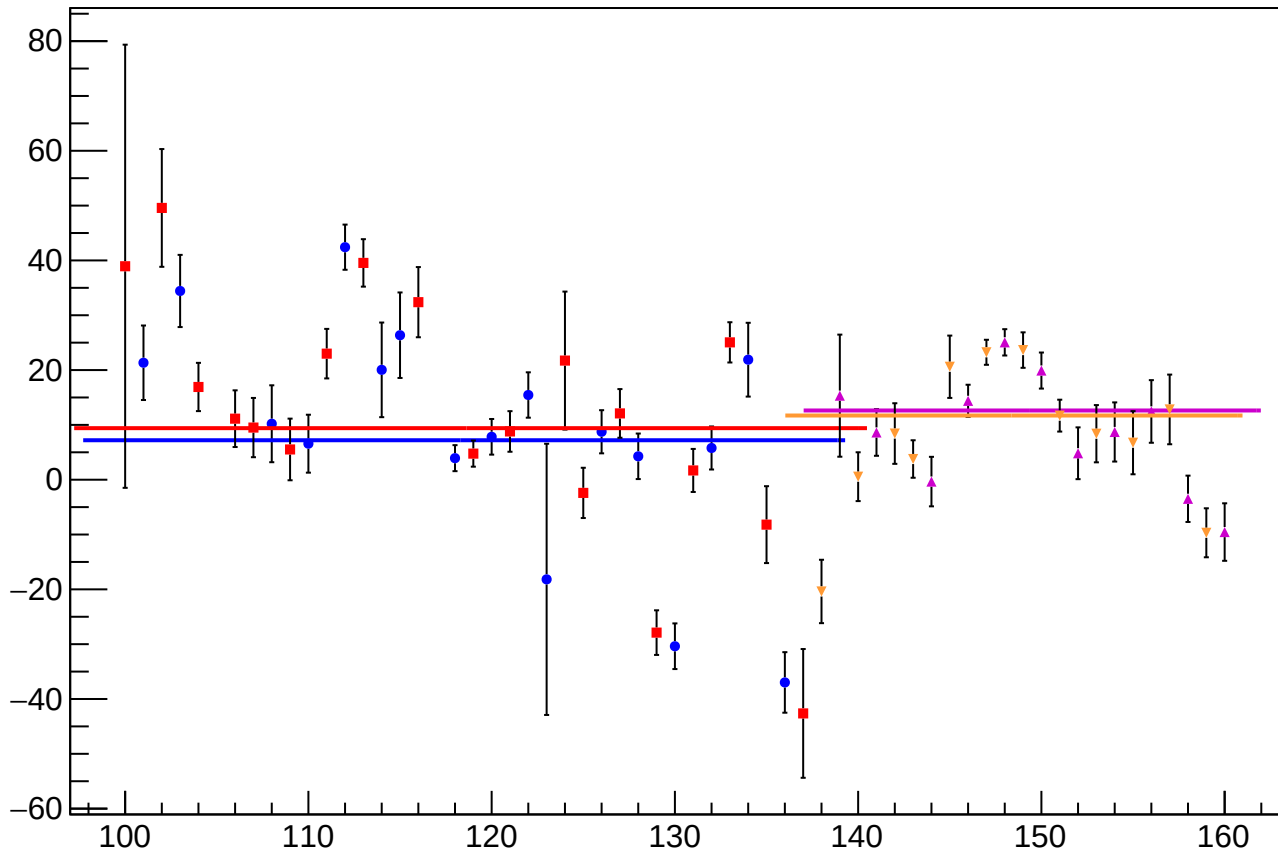
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -307.806+/-1.830 χ^2/NDF : 137.8/10

-275.175+/-1.751 χ^2/NDF : 2301.2/11

-307.806+/-1.830 χ^2/NDF : 137.8/10

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 1.103 χ^2/NDF : 260.9/16

Left Out: 11.710 ± 1.135 χ^2/NDF : 108.5/11

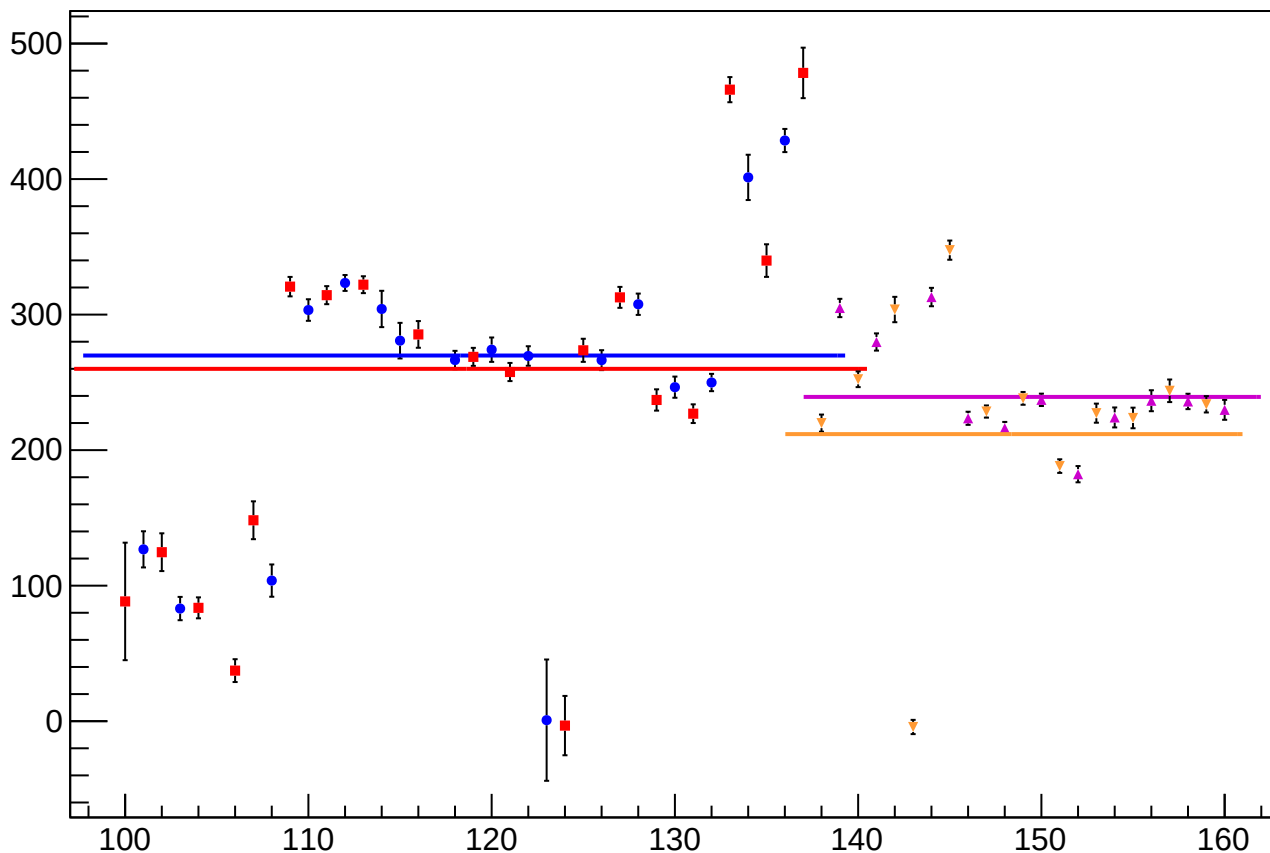
Right Out: 9.403 ± 1.071 χ^2/NDF : 232.2/18

Left In: 12.628 ± 1.198 χ^2/NDF : 76.9/10

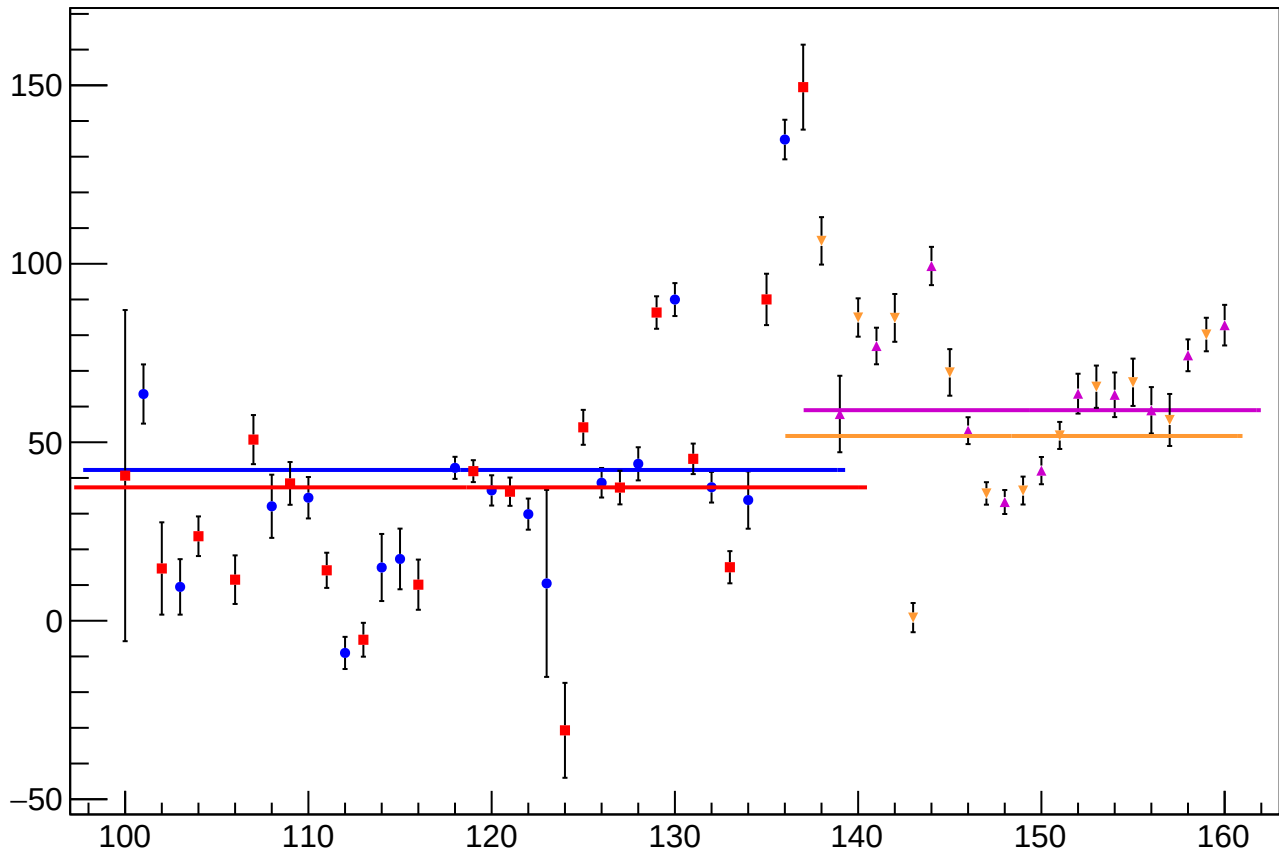
9.391 ± 0.791 χ^2/NDF : 377.5/28

10.835 ± 0.799 χ^2/NDF : 313.1/29

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 ± 1.274 $\chi^2/\text{NDF}: 574.4/16$

Left Out: 51.760 ± 1.394 $\chi^2/\text{NDF}: 381.5/11$

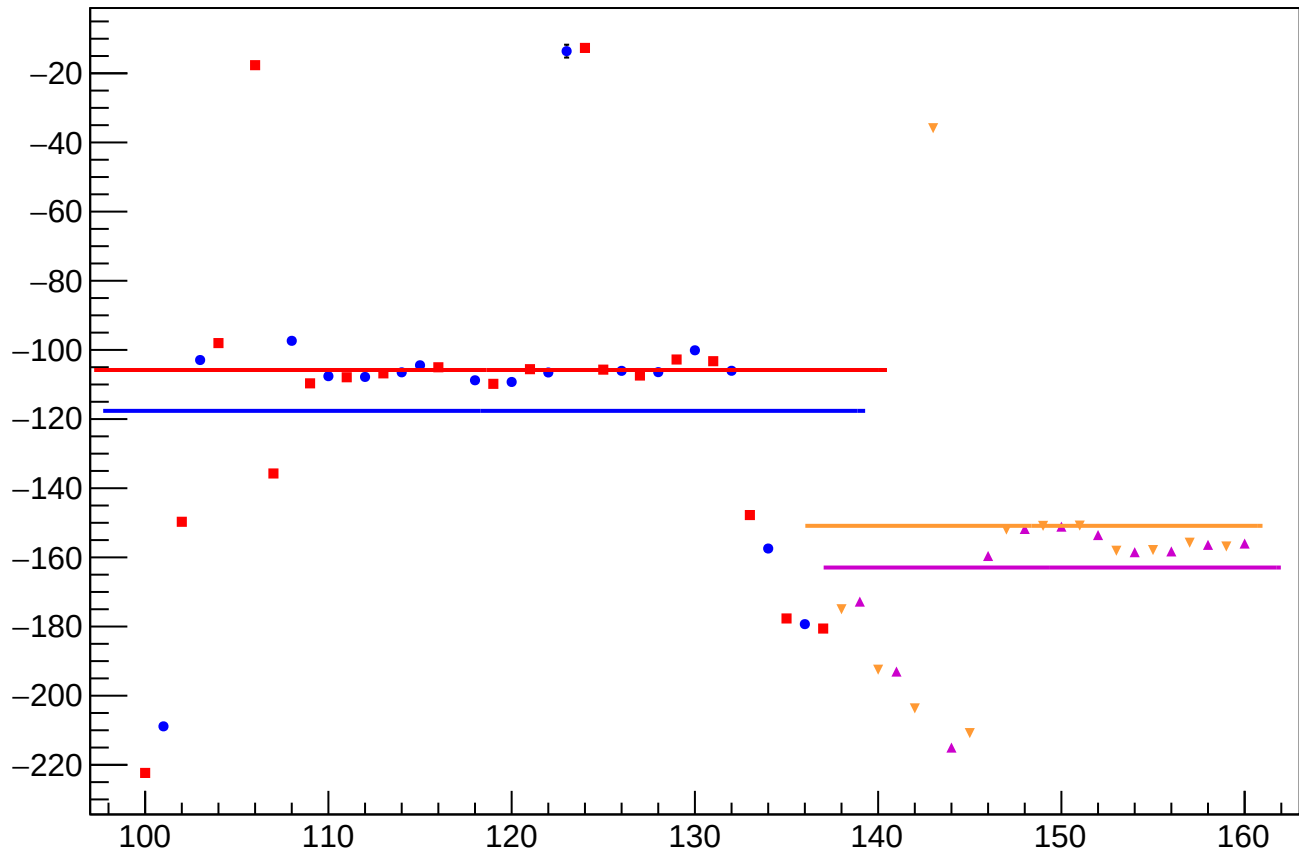
Right Out: 37.367 ± 1.235 $\chi^2/\text{NDF}: 472.3/18$

Left In: 58.990 ± 1.455 $\chi^2/\text{NDF}: 180.5/10$

46.571 ± 0.940 $\chi^2/\text{NDF}: 981.3/28$

46.416 ± 0.941 $\chi^2/\text{NDF}: 781.2/29$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -150.875+/-0.070 χ^2/NDF : 403223.4/11

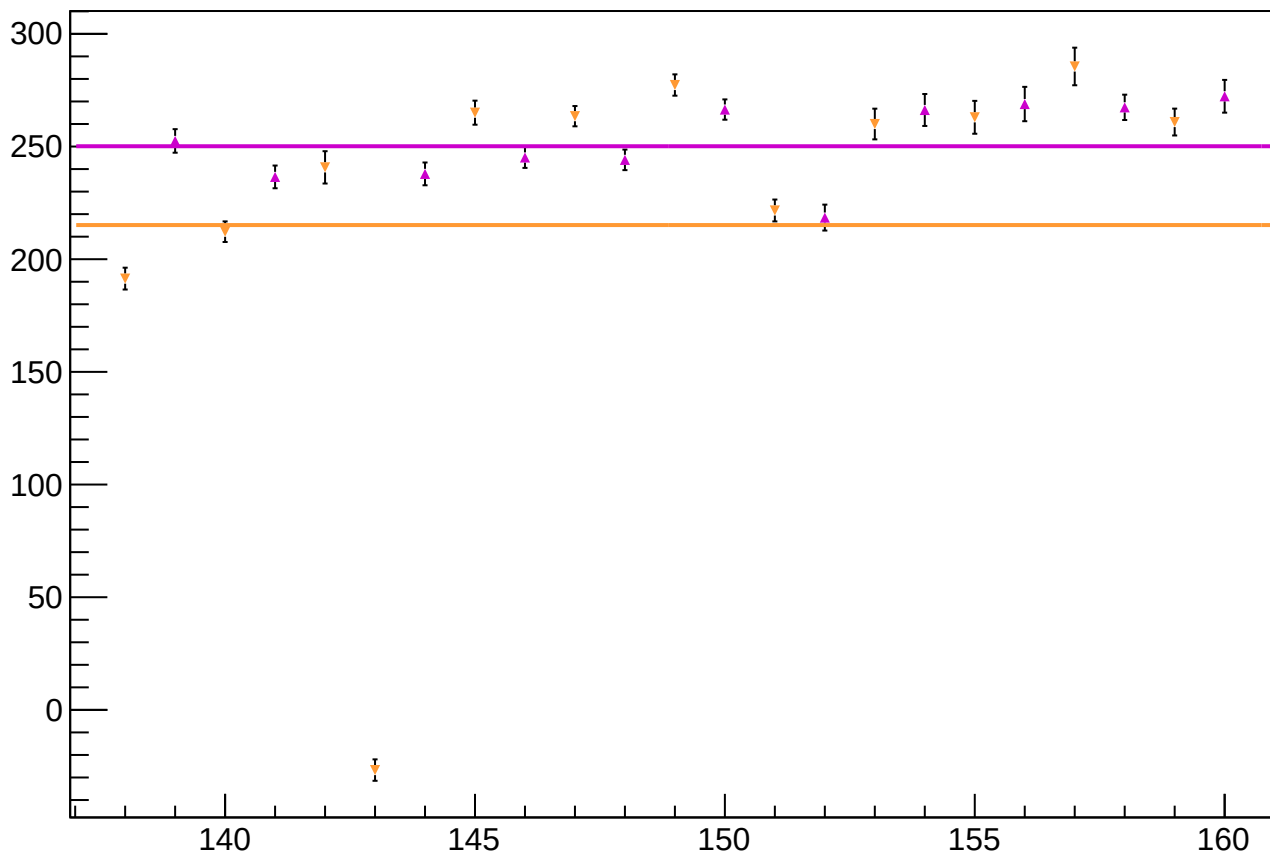
Right Out: -105.807+/-0.073 χ^2/NDF : 323108.1/18

Left In: -162.936+/-0.070 χ^2/NDF : 57087.9/10

-136.195+/-0.052 χ^2/NDF : 645225.5/28

-135.332+/-0.051 χ^2/NDF : 698339.8/29

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 215.155+/-1.564 χ^2/NDF : 3218.5/11

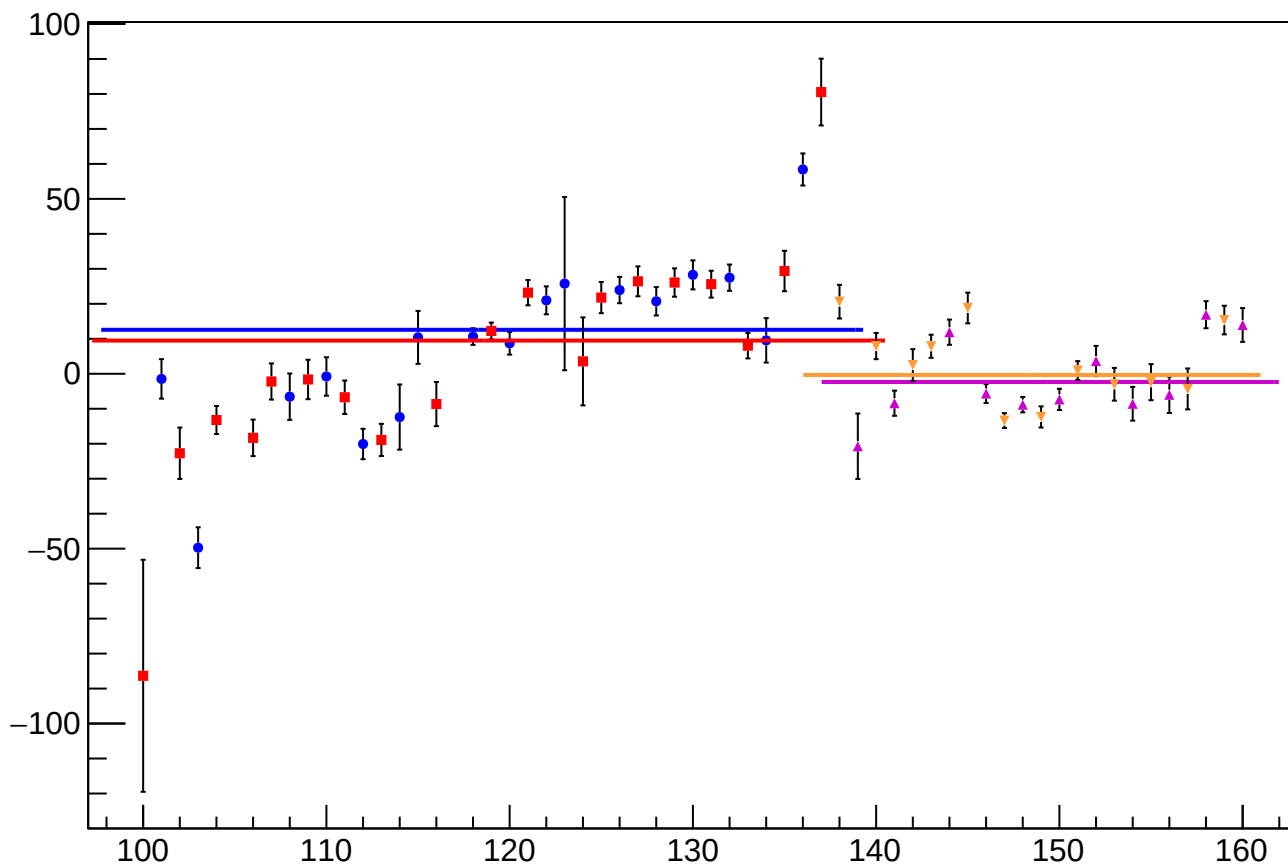
215.155+/-1.564 χ^2/NDF : 3218.5/11

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

Left In: 250.134+/-1.628 χ^2/NDF : 89.6/10

250.134+/-1.628 χ^2/NDF : 89.6/10

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574+/-1.074 χ^2/NDF : 348.0/16

Left Out: -0.339+/-1.028 χ^2/NDF : 118.4/11

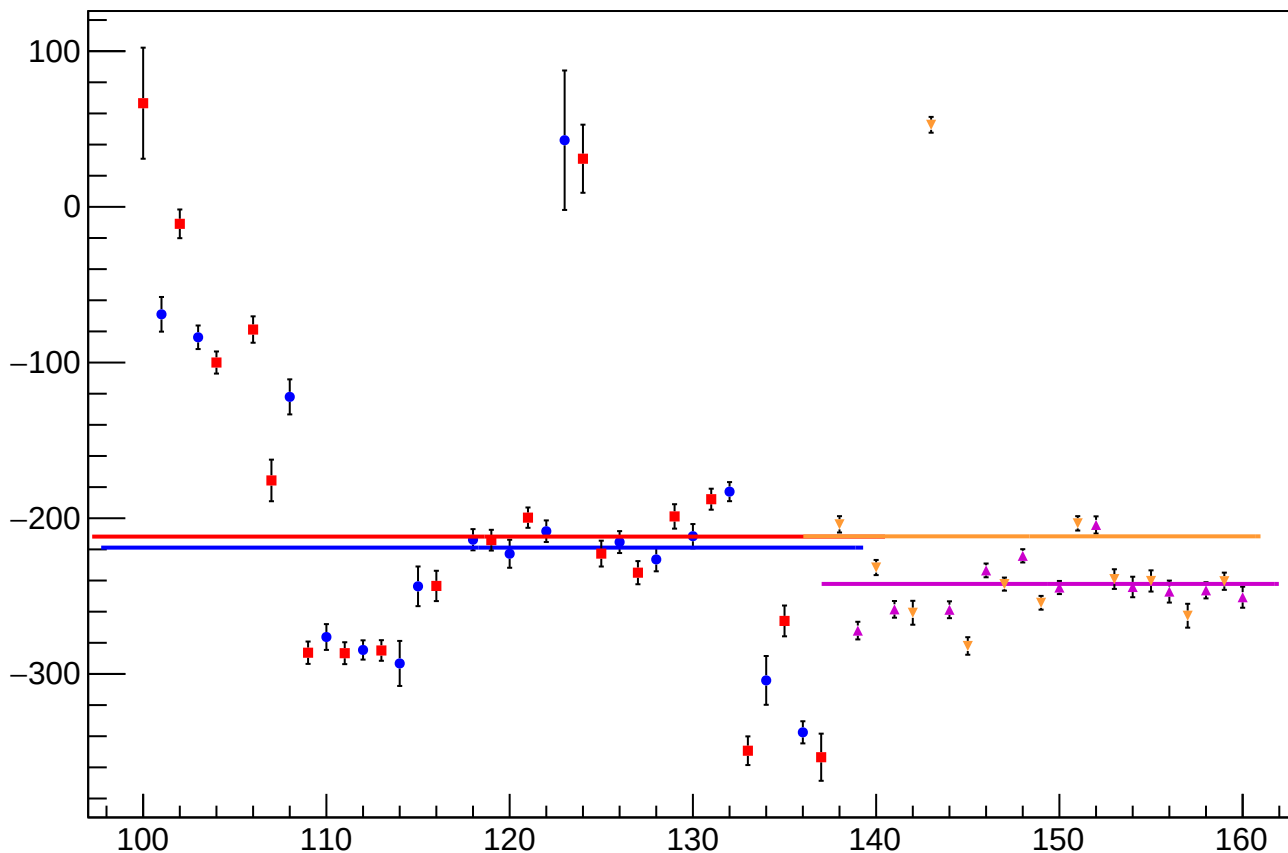
Right Out: 9.493+/-1.047 χ^2/NDF : 295.8/18

Left In: -2.347+/-1.079 χ^2/NDF : 75.3/10

5.832+/-0.742 χ^2/NDF : 541.9/28

3.749+/-0.752 χ^2/NDF : 433.1/29

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855+/-2.023 χ^2/NDF : 1146.6/16

Left Out: -211.618+/-1.549 χ^2/NDF : 3186.0/11

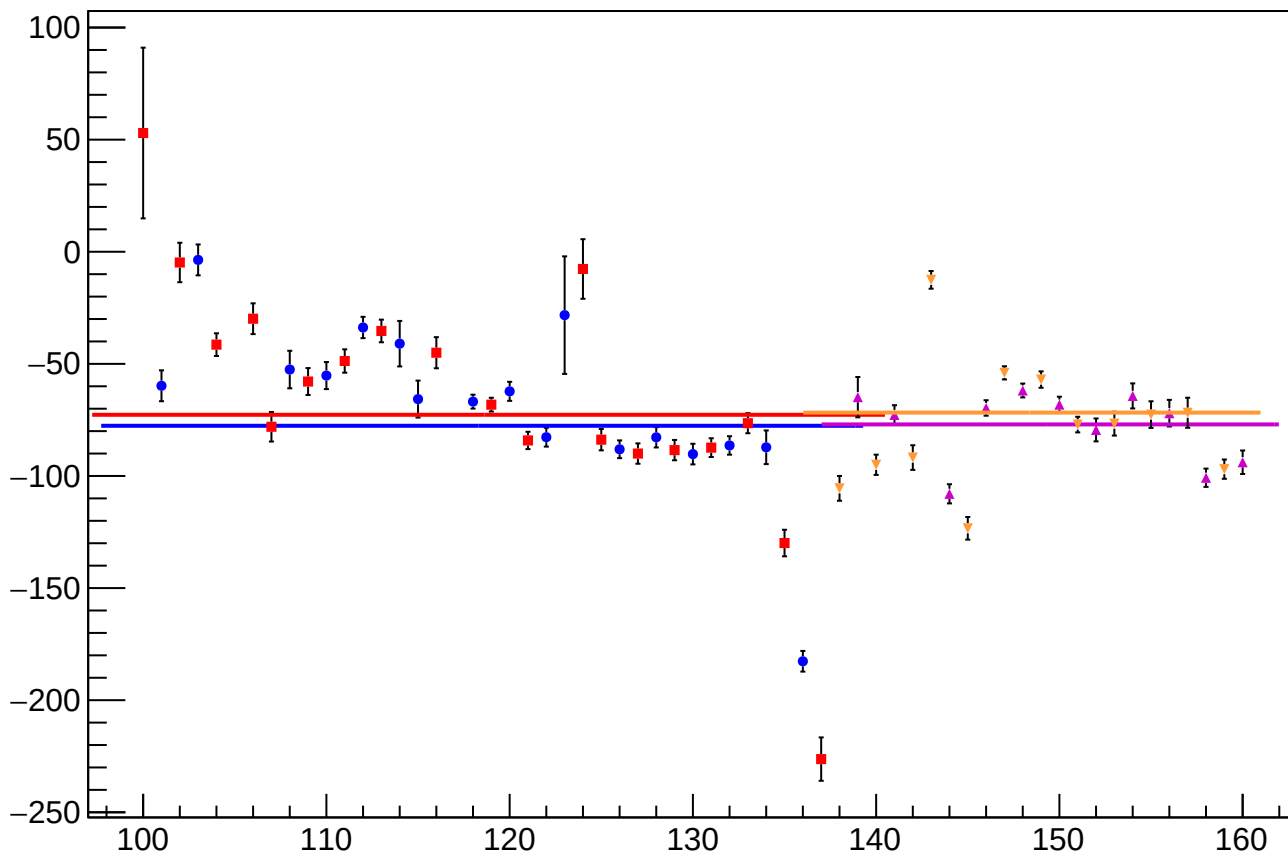
Right Out: -211.780+/-1.924 χ^2/NDF : 1885.2/18

Left In: -242.175+/-1.586 χ^2/NDF : 118.8/10

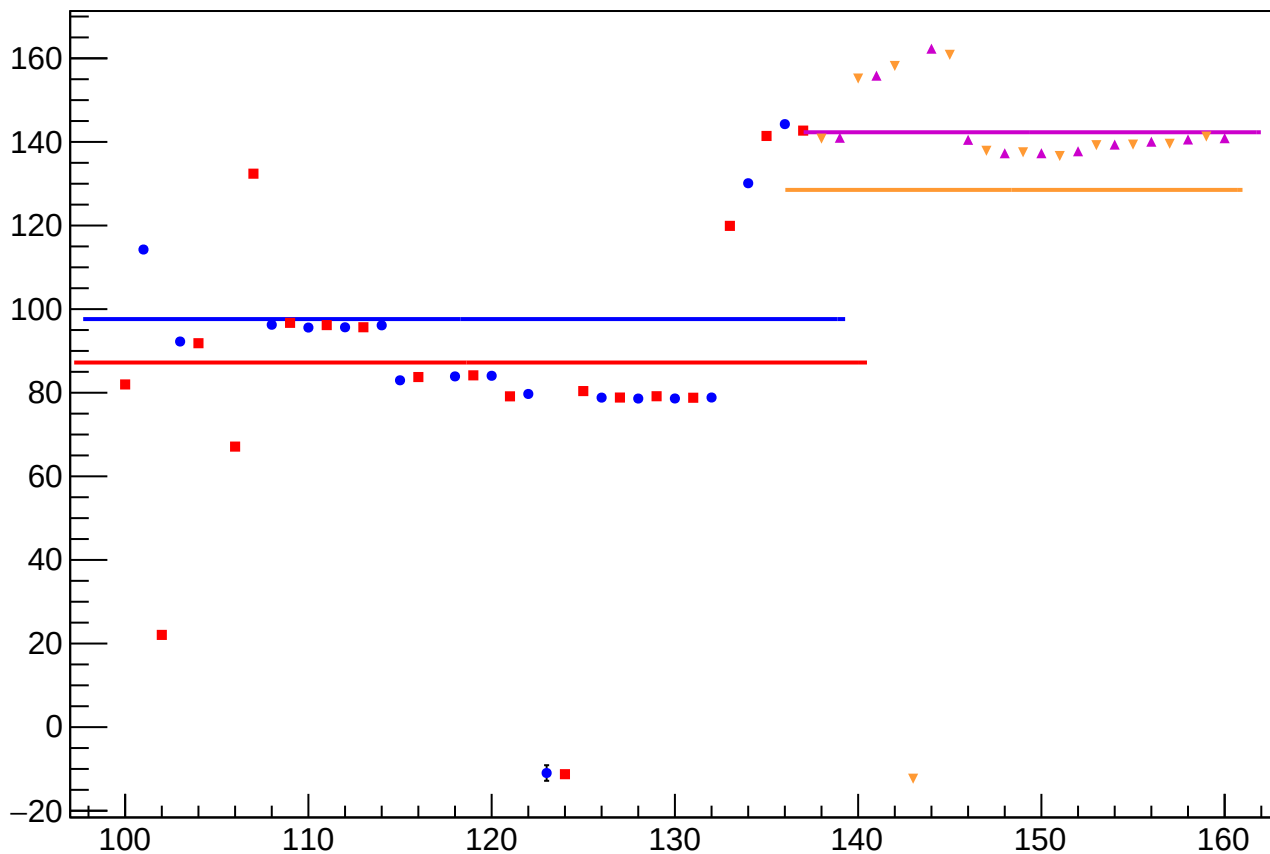
-214.294+/-1.230 χ^2/NDF : 4340.7/28

-229.873+/-1.224 χ^2/NDF : 2152.6/29

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 128.524 $\pm$ 0.063 χ^2 /NDF: 547016.2/11

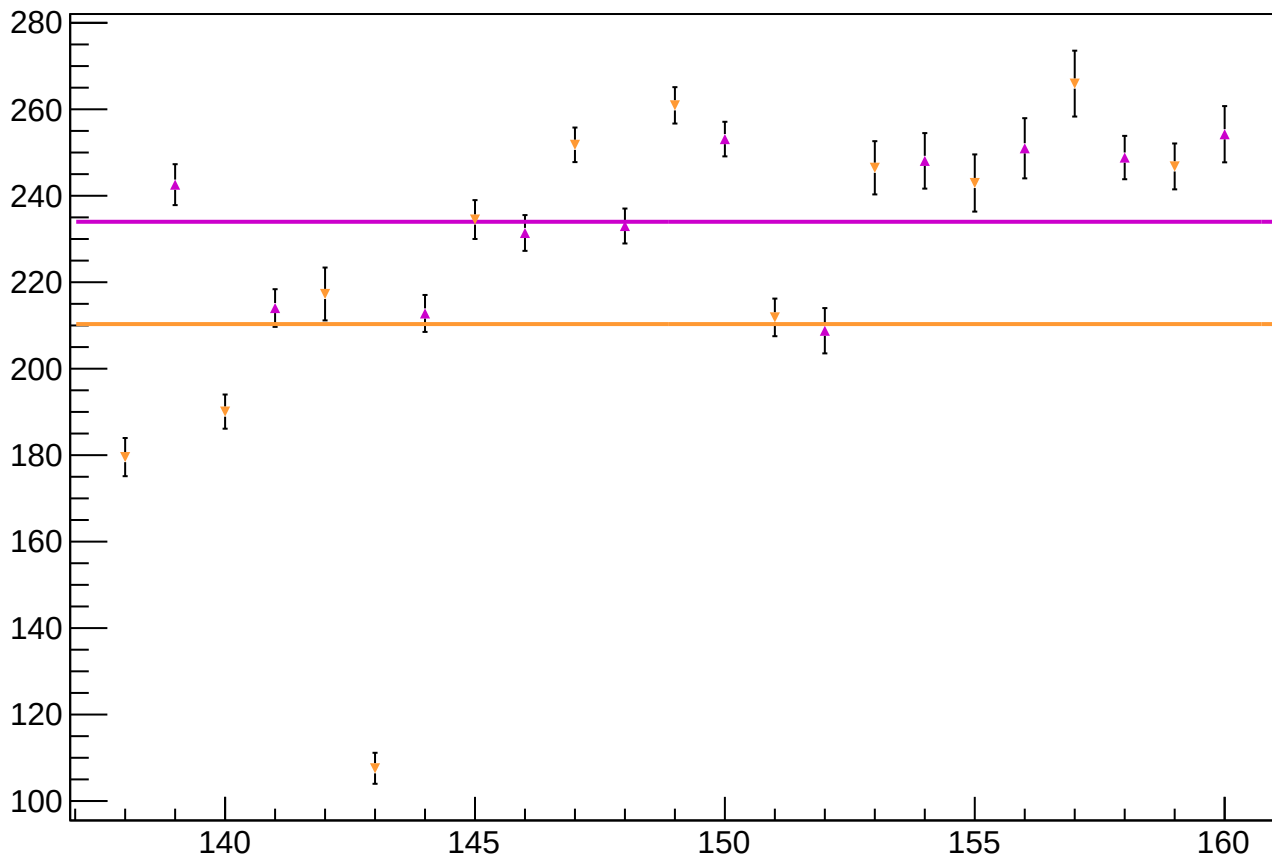
Right Out: 87.226 $\pm$ 0.068 χ^2 /NDF: 220850.5/18

Left In: 142.311 $\pm$ 0.063 χ^2 /NDF: 13512.7/10

115.585 $\pm$ 0.048 χ^2 /NDF: 743241.8/28

116.996 $\pm$ 0.046 χ^2 /NDF: 586220.8/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 210.319+/-1.357 χ^2/NDF :1338.0/11

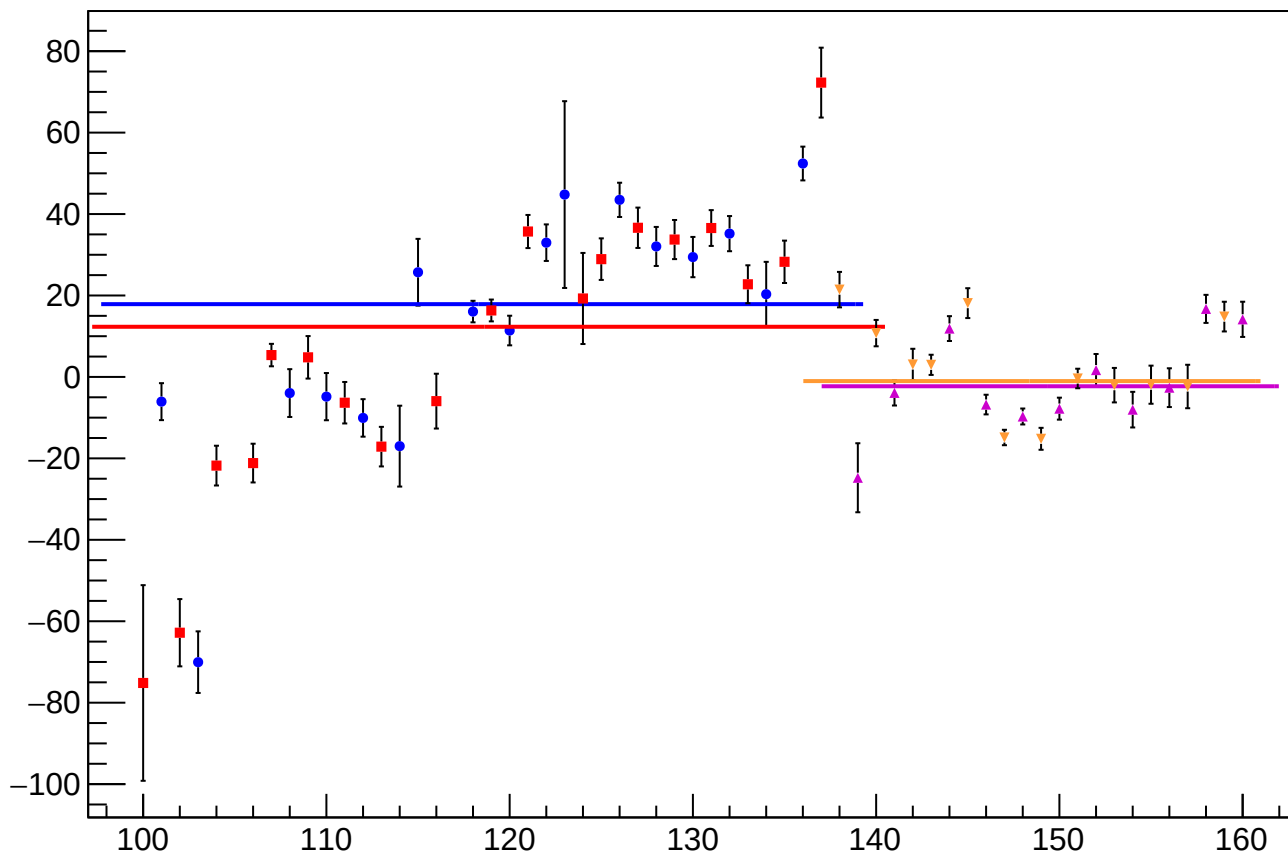
210.319+/-1.357 χ^2/NDF : 1338.0/11

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

233.983+/-1.445 χ^2/NDF : 124.6/10

Left In: 233.983+/-1.445 χ^2/NDF :124.6/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.872 ± 1.166 χ^2/NDF : 395.3/16

Left Out: -1.021 ± 0.893 χ^2/NDF : 171.1/11

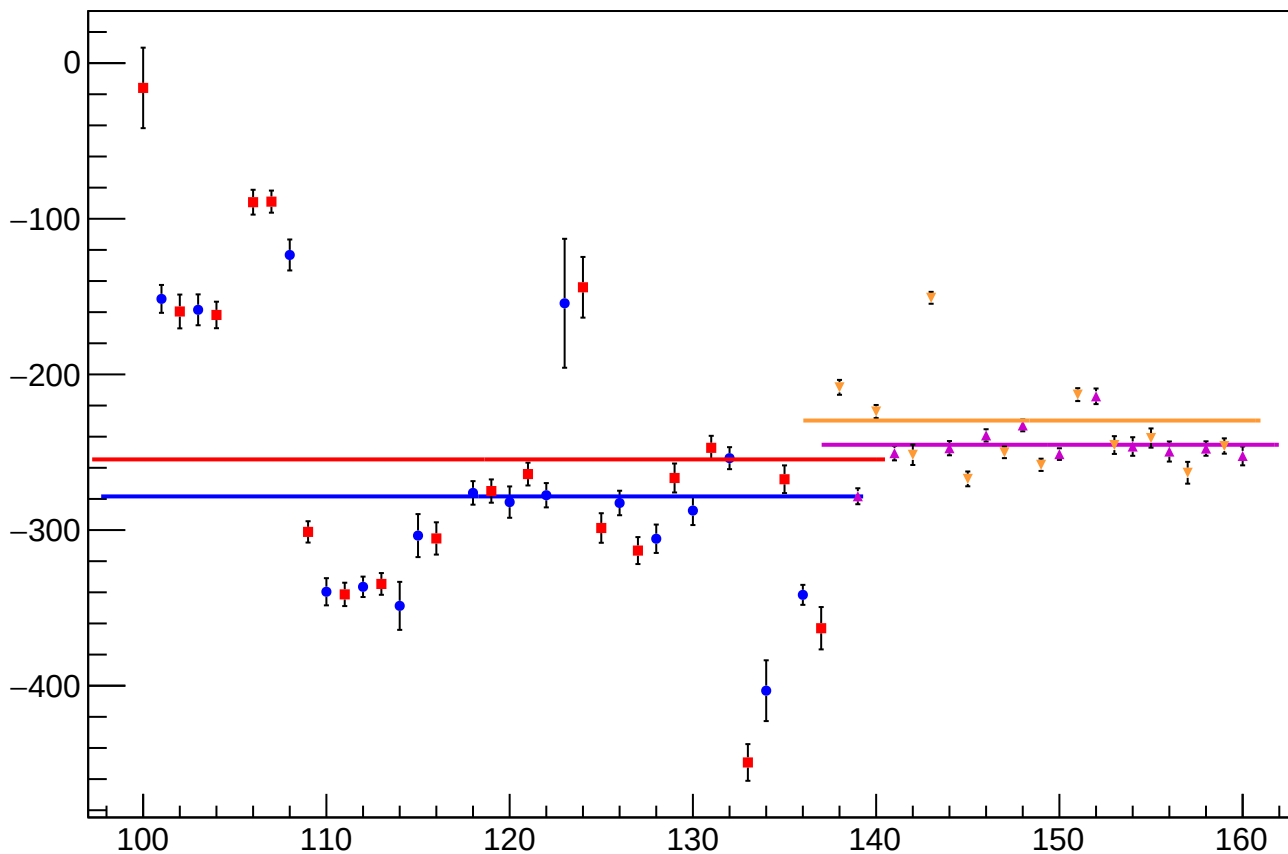
Right Out: 12.317 ± 1.083 χ^2/NDF : 444.0/18

Left In: -2.293 ± 0.956 χ^2/NDF : 98.5/10

5.962 ± 0.709 χ^2/NDF : 732.0/28

4.105 ± 0.717 χ^2/NDF : 644.8/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.380 $\pm$ 2.185 χ^2 /NDF: 910.6/16

Left Out: -229.626 $\pm$ 1.350 χ^2 /NDF: 663.0/11

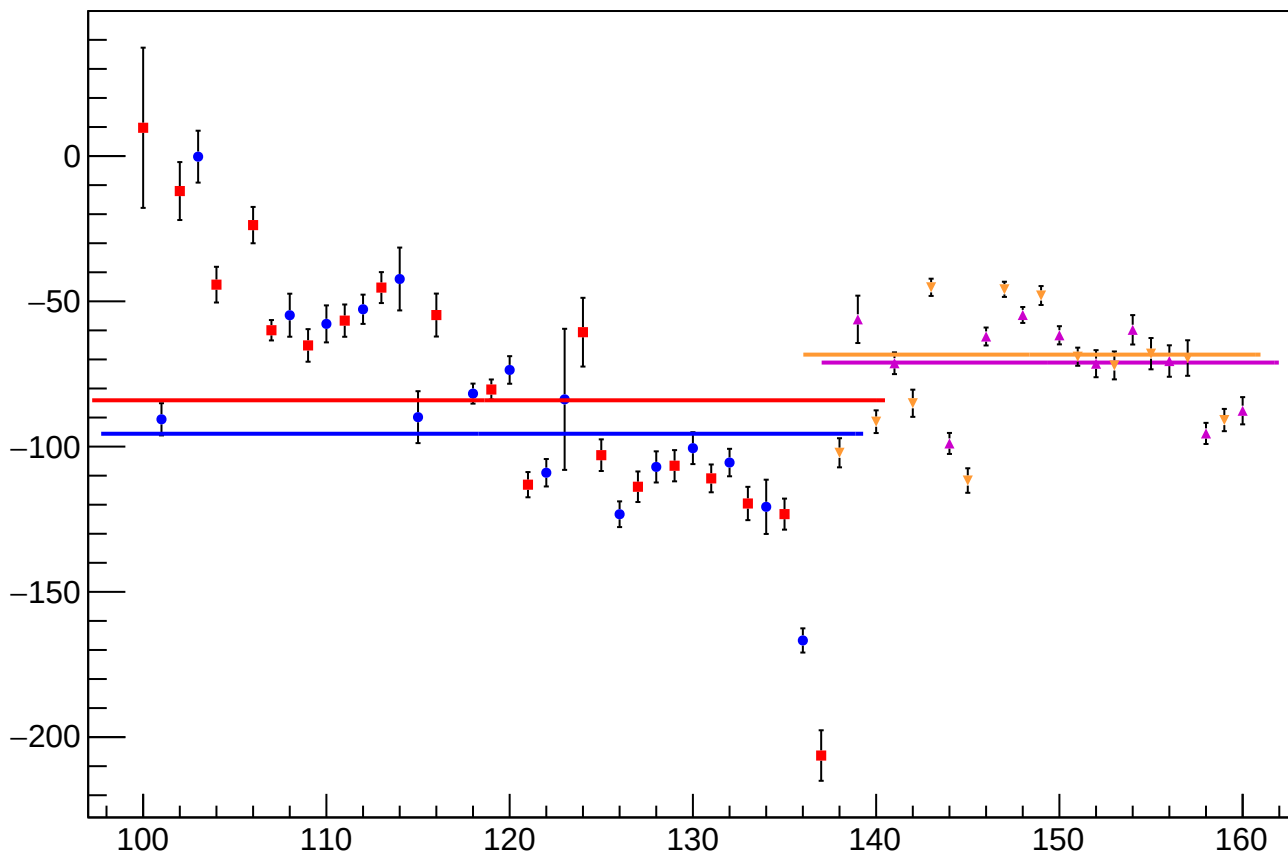
Right Out: -254.603 $\pm$ 2.020 χ^2 /NDF: 2037.5/18

Left In: -245.192 $\pm$ 1.410 χ^2 /NDF: 99.5/10

-243.092 $\pm$ 1.148 χ^2 /NDF: 1934.0/28

-248.274 $\pm$ 1.156 χ^2 /NDF: 2151.6/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 $\pm$ 1.340 χ^2 /NDF: 671.2/16

Left Out: -68.340 $\pm$ 1.093 χ^2 /NDF: 407.7/11

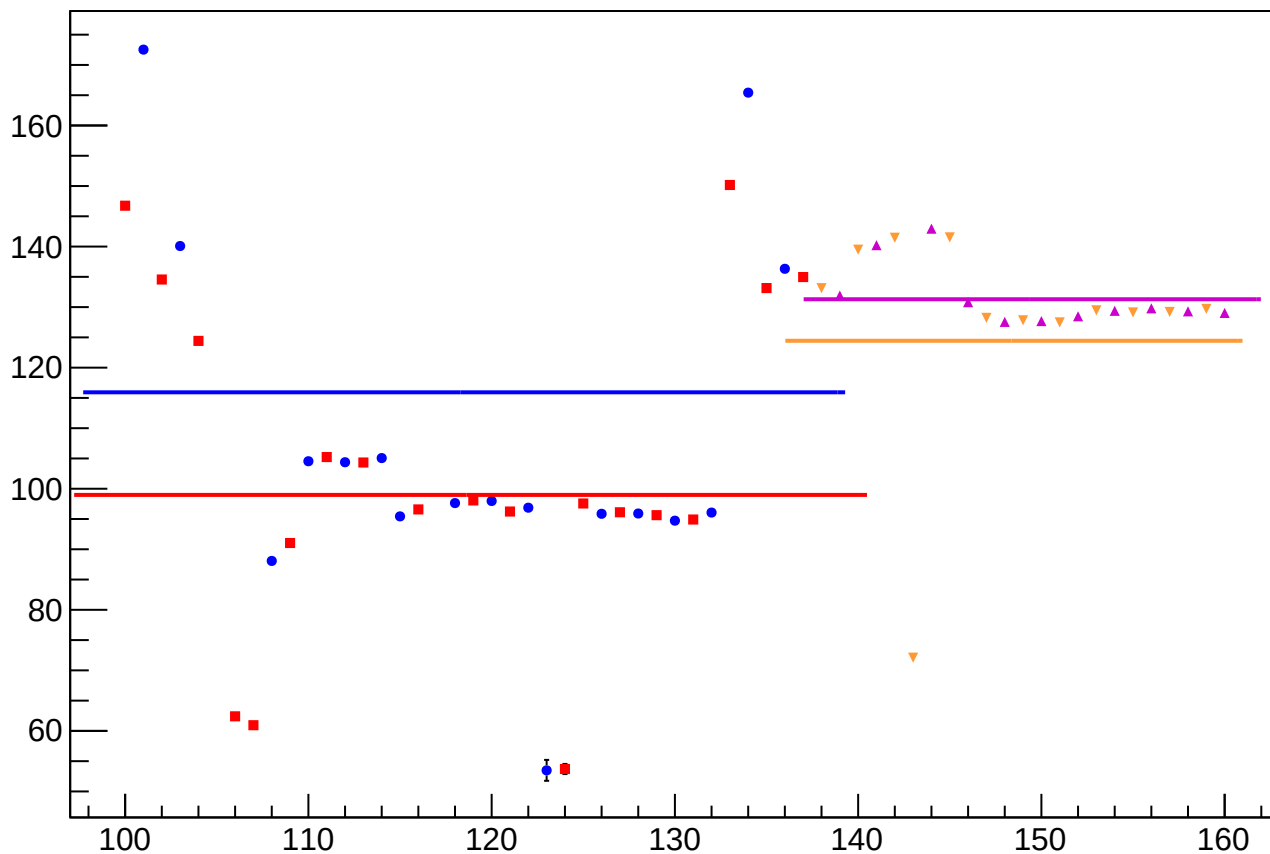
Right Out: -84.062 $\pm$ 1.257 χ^2 /NDF: 783.2/18

Left In: -71.078 $\pm$ 1.160 χ^2 /NDF: 178.4/10

-79.219 $\pm$ 0.847 χ^2 /NDF: 1326.9/28

-77.049 $\pm$ 0.852 χ^2 /NDF: 1019.2/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927+/-0.078 χ^2/NDF : 105791.4/16

Left Out: 124.440+/-0.055 χ^2/NDF :141235.1/11

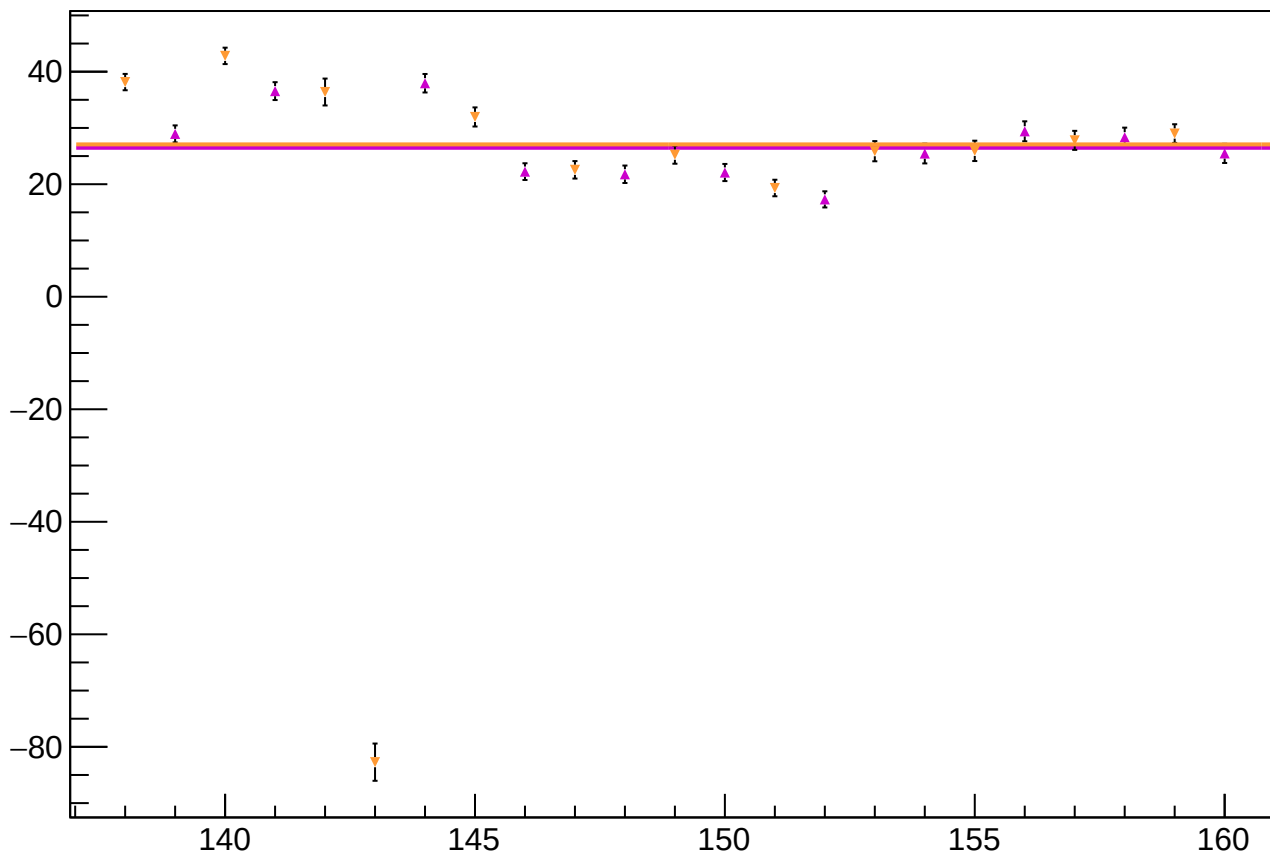
Right Out: 98.981+/-0.069 χ^2/NDF : 172974.2/18

Left In: 131.299+/-0.056 χ^2/NDF :7321.8/10

121.662+/-0.045 χ^2/NDF : 254964.5/28

118.344+/-0.043 χ^2/NDF : 313461.5/29

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: 27.076+/-0.491 χ^2/NDF :1337.9/11

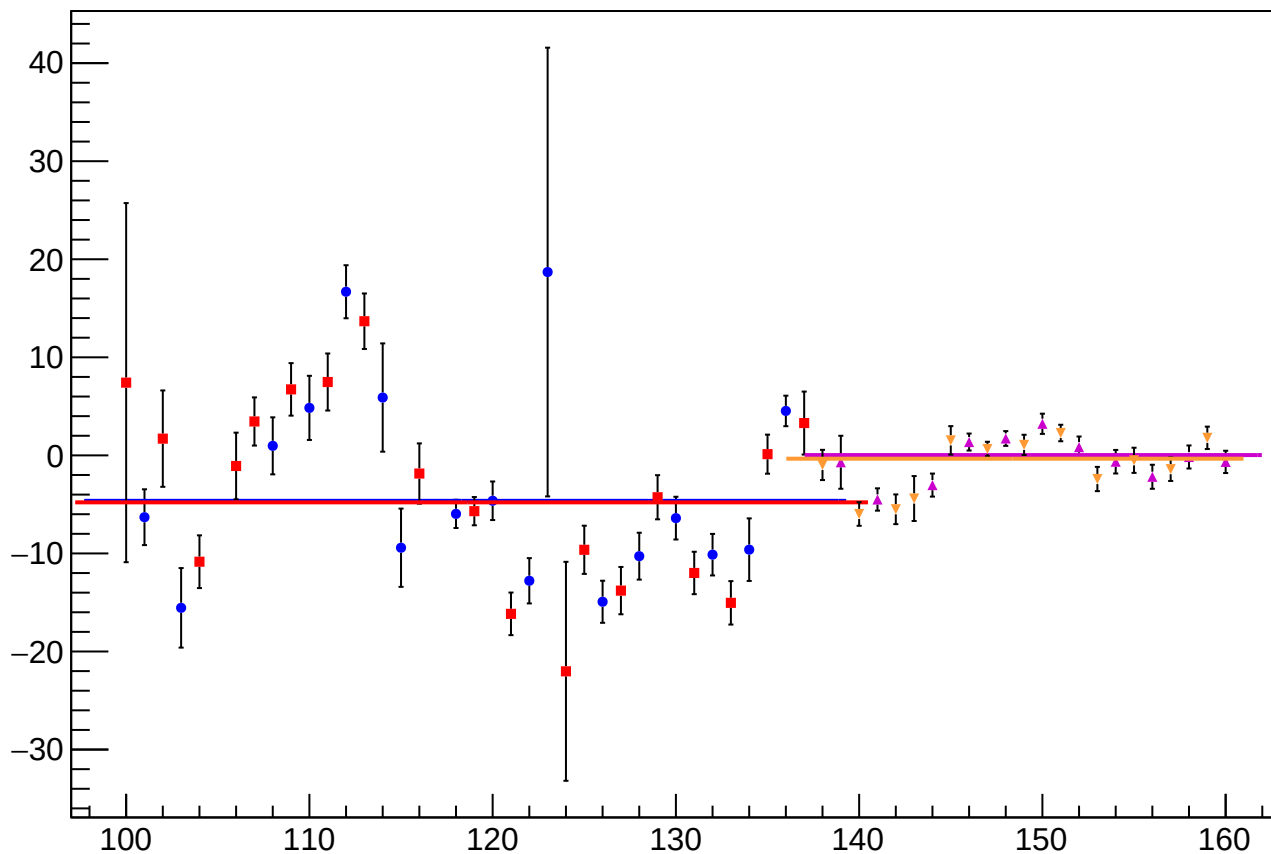
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.477+/-0.481 χ^2/NDF :162.8/10

27.076+/-0.491 χ^2/NDF : 1337.9/11

26.477+/-0.481 χ^2/NDF : 162.8/10

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.637 ± 0.588 $\chi^2/\text{NDF}: 174.4/16$

Left Out: -0.339 ± 0.331 $\chi^2/\text{NDF}: 58.9/11$

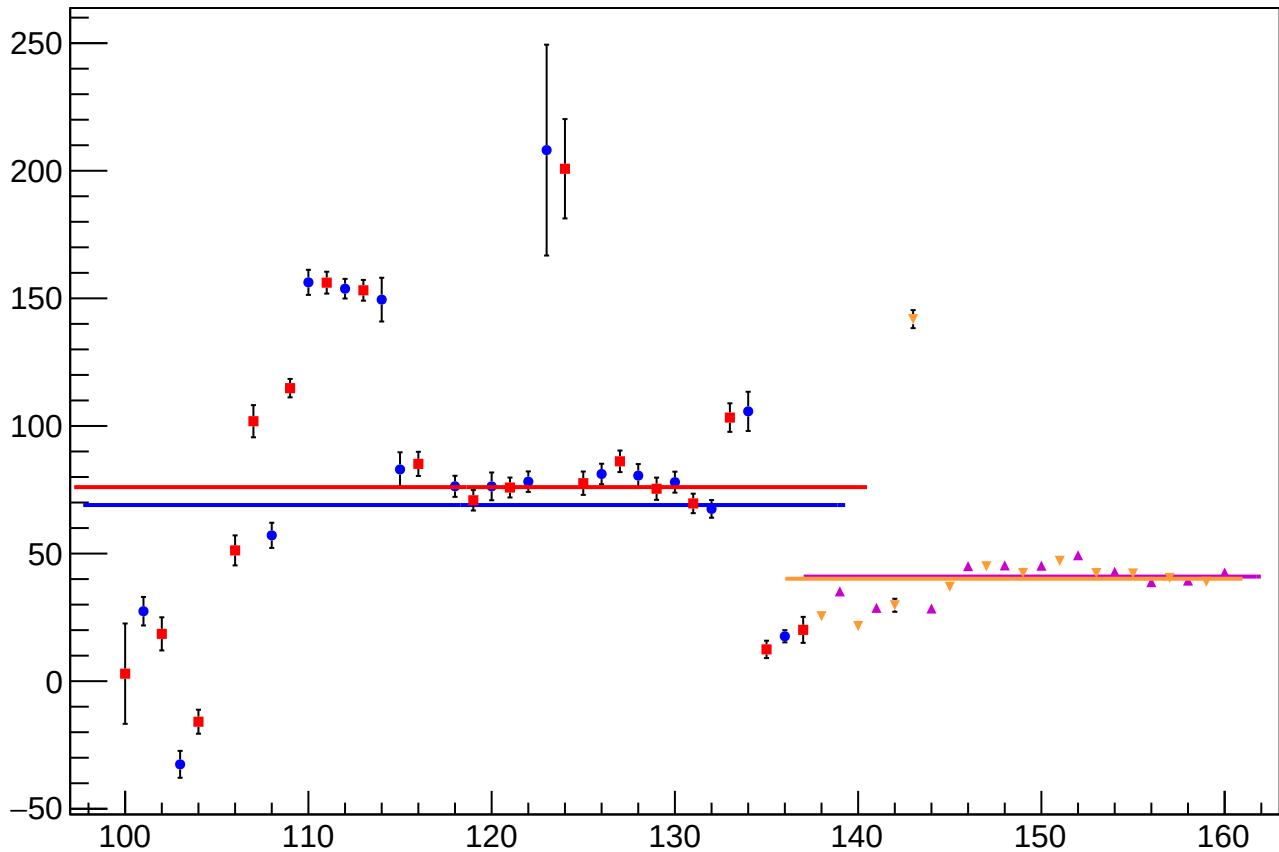
Right Out: -4.791 ± 0.585 $\chi^2/\text{NDF}: 192.5/18$

Left In: 0.030 ± 0.327 $\chi^2/\text{NDF}: 44.2/10$

-1.374 ± 0.288 $\chi^2/\text{NDF}: 274.0/28$

-1.117 ± 0.285 $\chi^2/\text{NDF}: 288.6/29$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019 $\pm$ 1.083 χ^2/NDF : 1848.0/16

Left Out: 40.140 $\pm$ 0.480 χ^2/NDF :1119.8/11

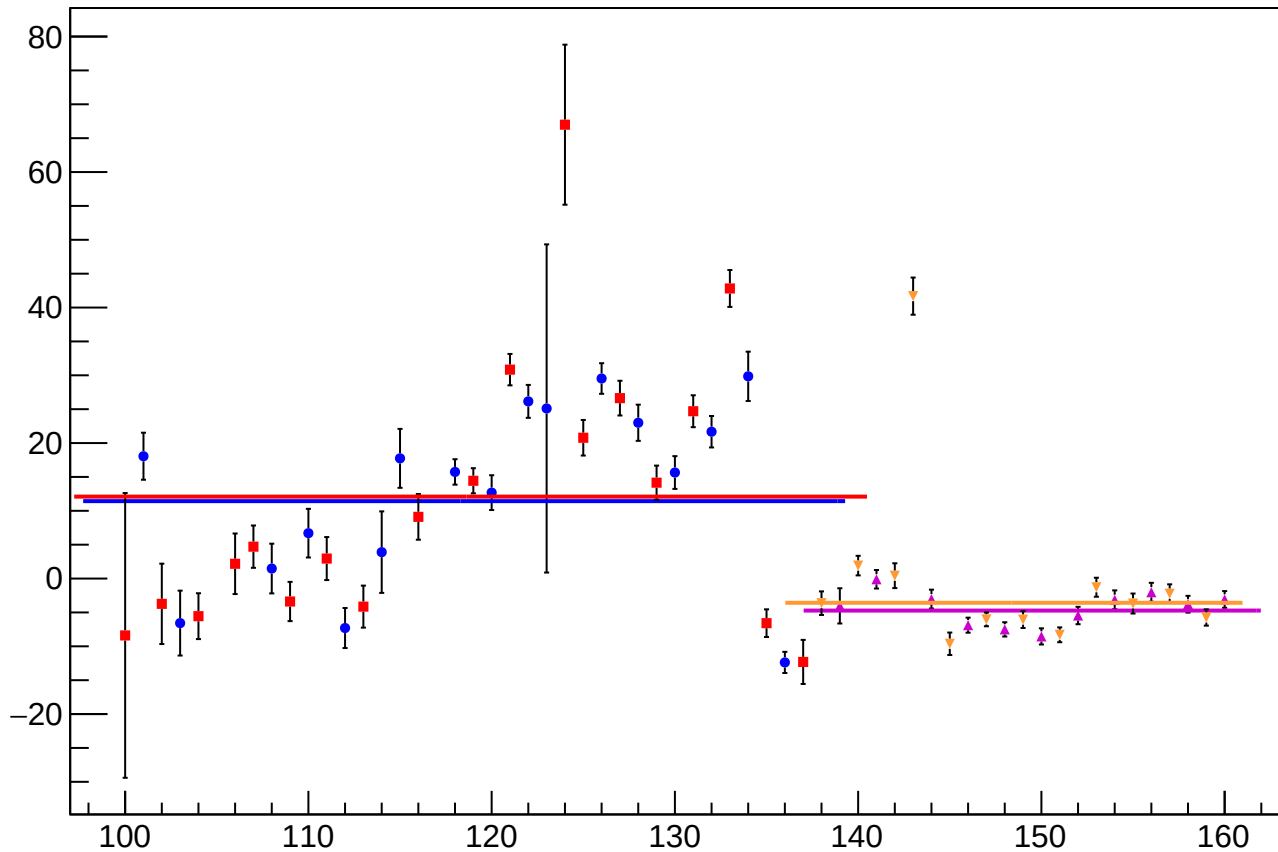
Right Out: 76.041 $\pm$ 1.070 χ^2/NDF : 1881.9/18

Left In: 40.991 $\pm$ 0.467 χ^2/NDF :184.2/10

44.878 $\pm$ 0.439 χ^2/NDF : 3561.8/28

46.599 $\pm$ 0.428 χ^2/NDF : 2967.7/29

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.428 ± 0.665 $\chi^2/\text{NDF}: 476.8/16$

Left Out: -3.575 ± 0.400 $\chi^2/\text{NDF}: 340.2/11$

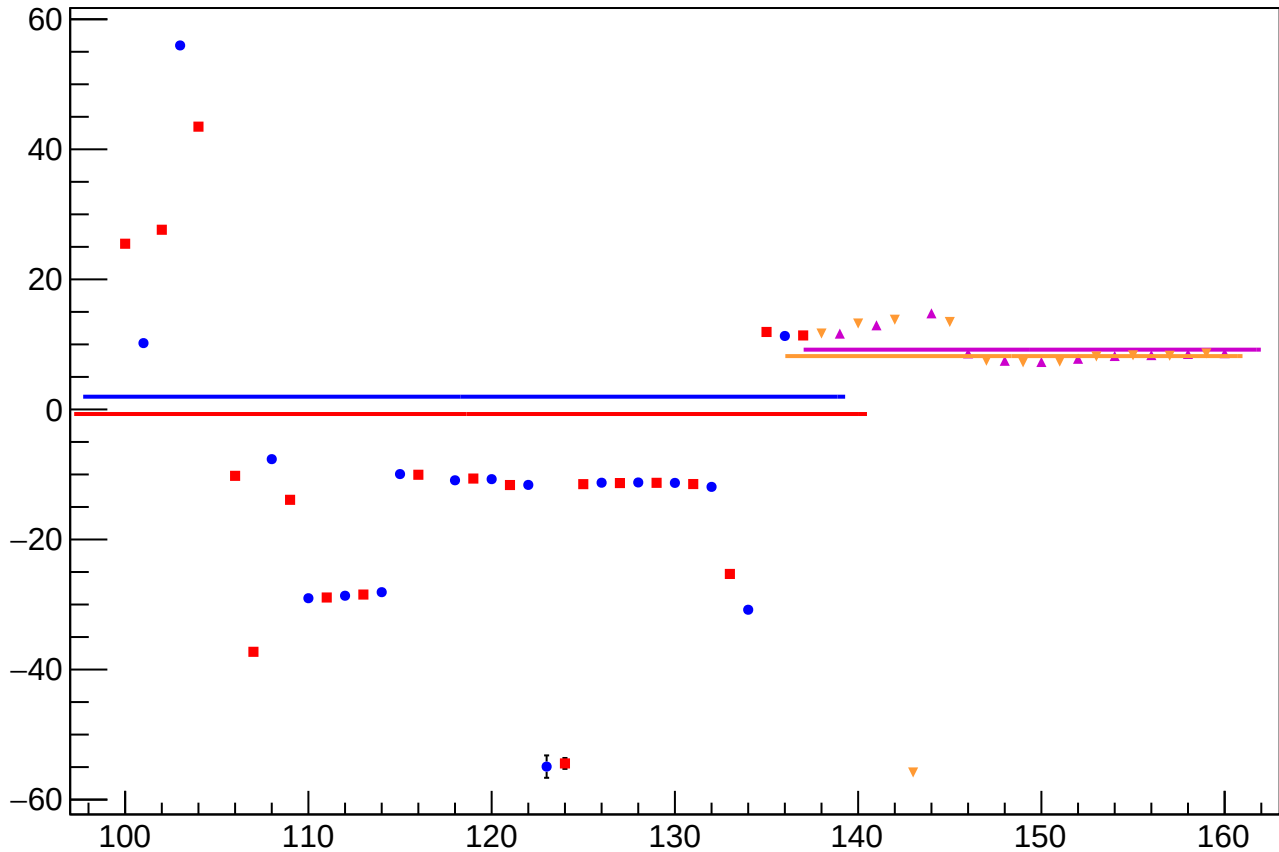
Right Out: 12.095 ± 0.664 $\chi^2/\text{NDF}: 539.1/18$

Left In: -4.723 ± 0.390 $\chi^2/\text{NDF}: 41.7/10$

0.409 ± 0.343 $\chi^2/\text{NDF}: 1190.2/28$

-0.404 ± 0.336 $\chi^2/\text{NDF}: 1057.6/29$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 8.202+/-0.019 χ^2/NDF : 222503.9/11

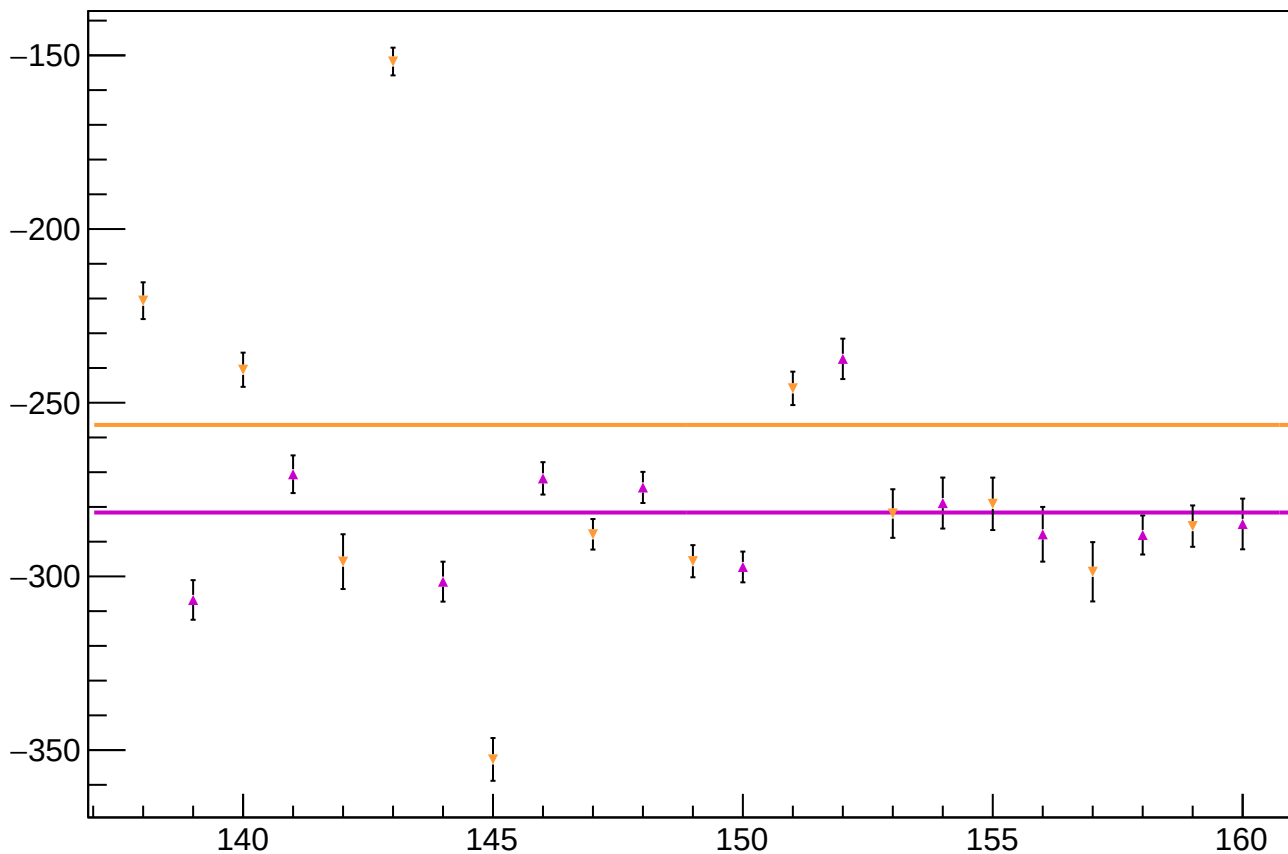
Right Out: -0.704+/-0.037 χ^2/NDF : 361168.6/18

Left In: 9.193+/-0.018 χ^2/NDF : 13380.8/10

6.930+/-0.017 χ^2/NDF : 603439.4/28

7.286+/-0.016 χ^2/NDF : 431931.0/29

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: -256.390+/-1.573 χ^2/NDF :1212.2/11

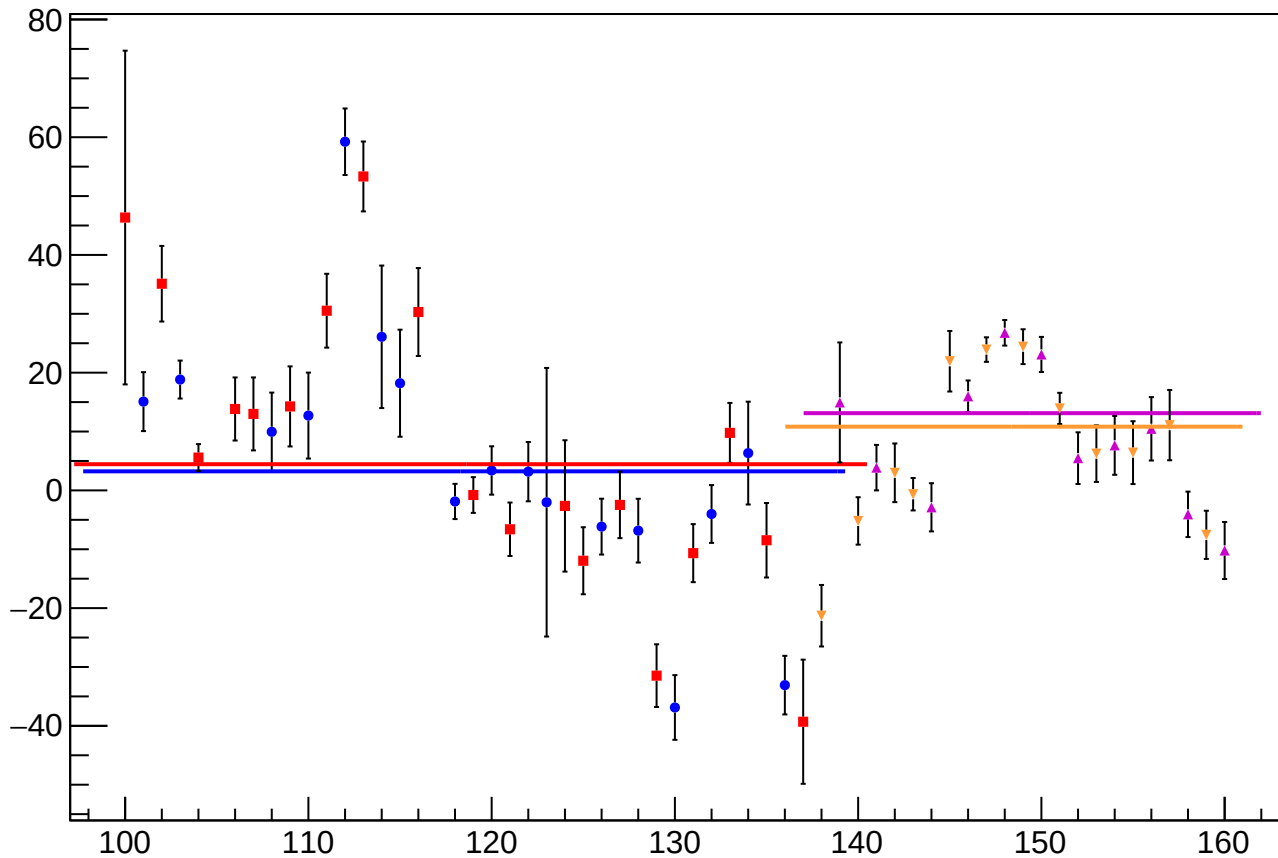
-256.390+/-1.573 χ^2/NDF : 1212.2/11

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

Left In: -281.607+/-1.675 χ^2/NDF :115.3/10

-281.607+/-1.675 χ^2/NDF : 115.3/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.237 ± 1.244 $\chi^2/\text{NDF}: 255.3/16$

Left Out: 10.824 ± 1.019 $\chi^2/\text{NDF}: 161.9/11$

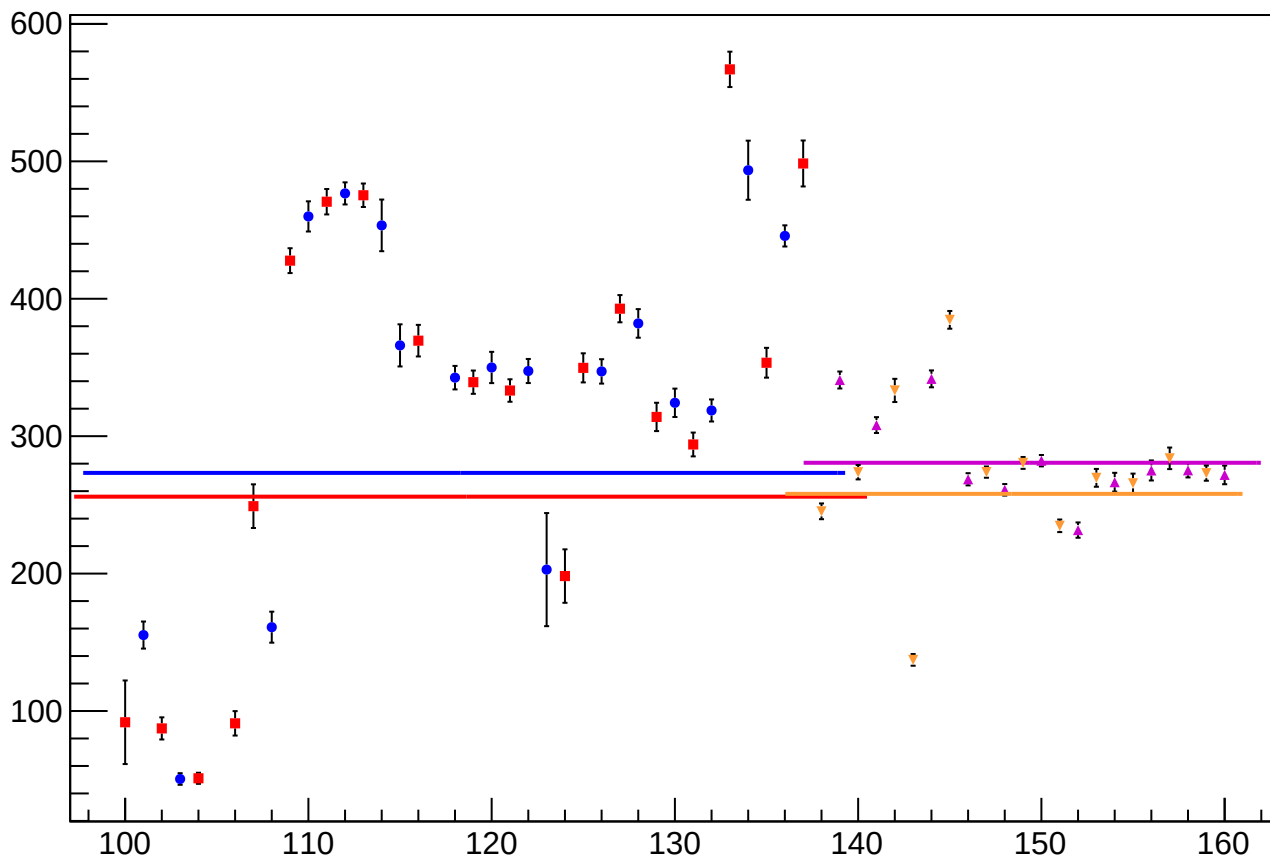
Right Out: 4.450 ± 1.157 $\chi^2/\text{NDF}: 225.8/18$

Left In: 13.121 ± 1.094 $\chi^2/\text{NDF}: 120.4/10$

7.775 ± 0.788 $\chi^2/\text{NDF}: 439.5/28$

9.027 ± 0.795 $\chi^2/\text{NDF}: 375.8/29$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 273.276 ± 2.205 $\chi^2/\text{NDF}: 5101.5/16$

Left Out: 258.022 ± 1.555 $\chi^2/\text{NDF}: 1373.7/11$

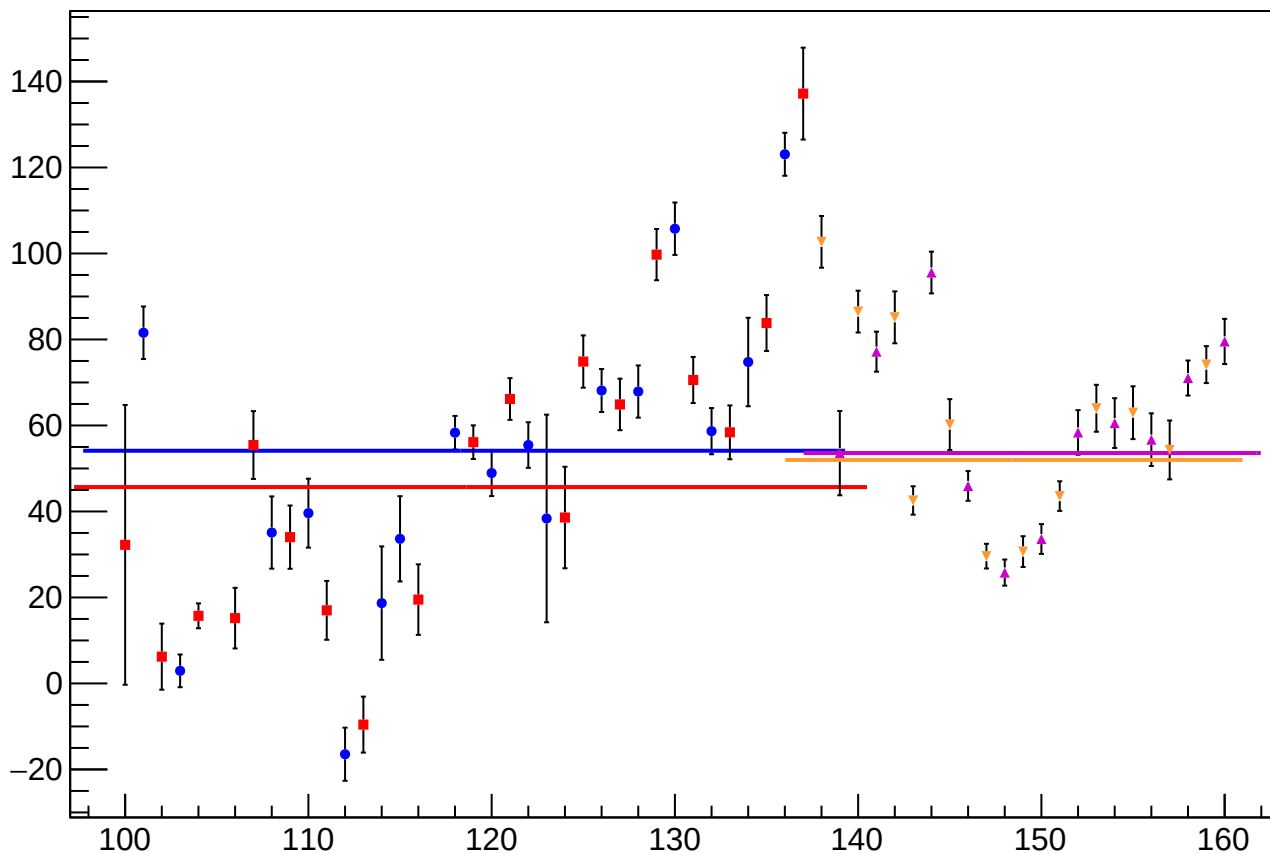
Right Out: 255.985 ± 2.080 $\chi^2/\text{NDF}: 6438.4/18$

Left In: 280.642 ± 1.623 $\chi^2/\text{NDF}: 330.5/10$

263.090 ± 1.271 $\chi^2/\text{NDF}: 6507.2/28$

271.307 ± 1.280 $\chi^2/\text{NDF}: 6856.3/29$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119 ± 1.438 χ^2/NDF : 633.9/16

Left Out: 51.984 ± 1.253 χ^2/NDF : 298.6/11

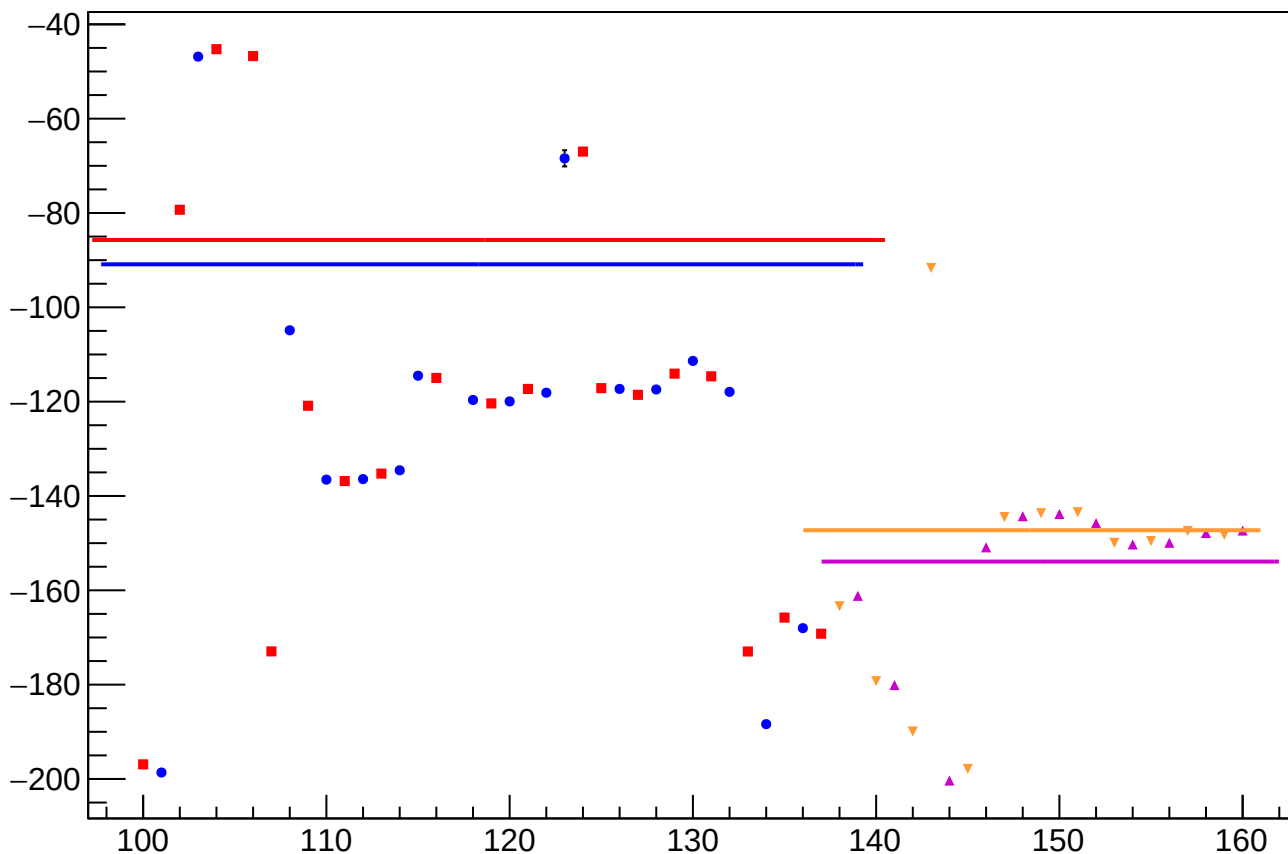
Right Out: 45.675 ± 1.357 χ^2/NDF : 531.0/18

Left In: 53.593 ± 1.331 χ^2/NDF : 267.7/10

52.906 ± 0.945 χ^2/NDF : 933.8/28

49.712 ± 0.950 χ^2/NDF : 816.1/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.881+/-0.068 χ^2/NDF : 533423.8/16

Left Out: -147.262+/-0.063 χ^2/NDF : 186798.1/11

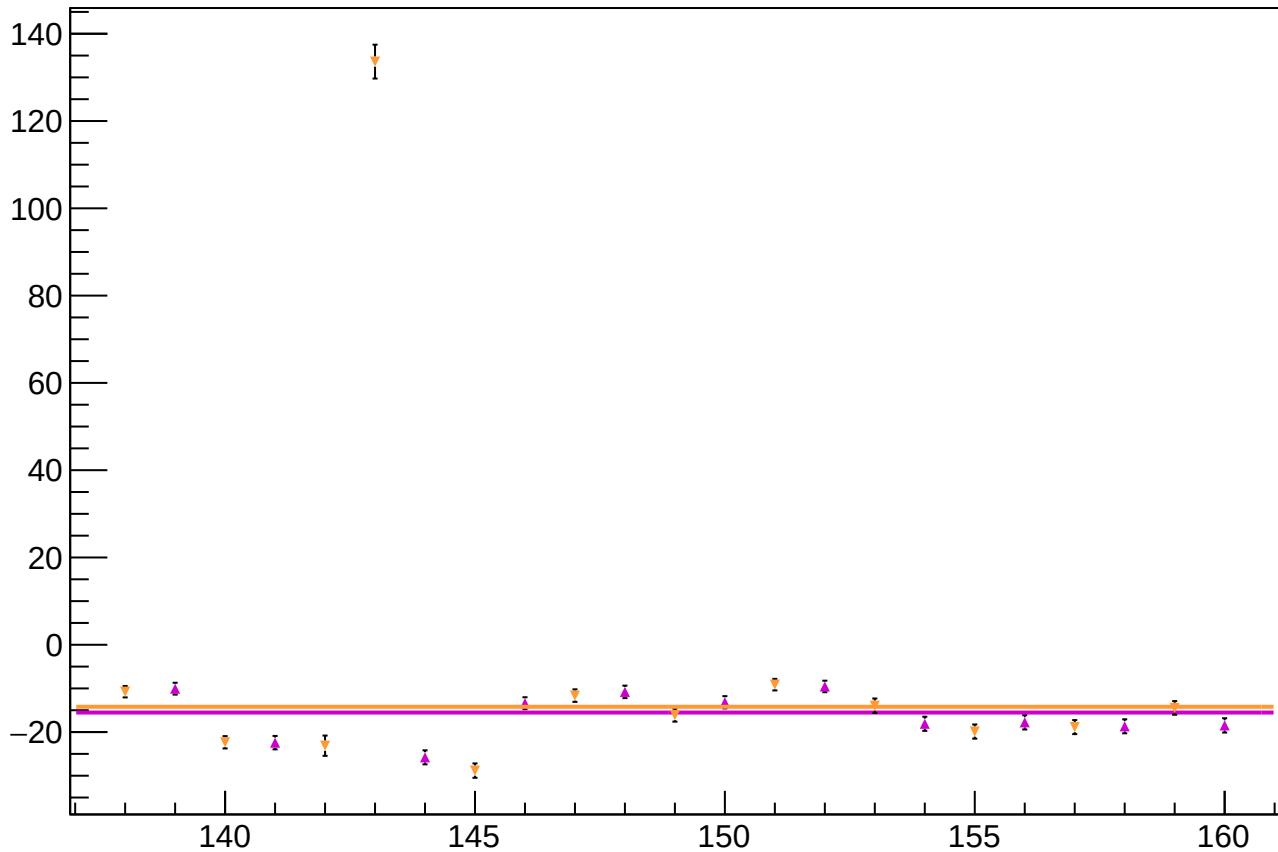
Right Out: -85.722+/-0.065 χ^2/NDF : 494183.1/18

Left In: -153.908+/-0.065 χ^2/NDF : 53353.8/10

-121.117+/-0.046 χ^2/NDF : 1091583.8/28

-120.086+/-0.046 χ^2/NDF : 1101019.3/29

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: -14.205+/-0.459 χ^2 /NDF:1624.5/11

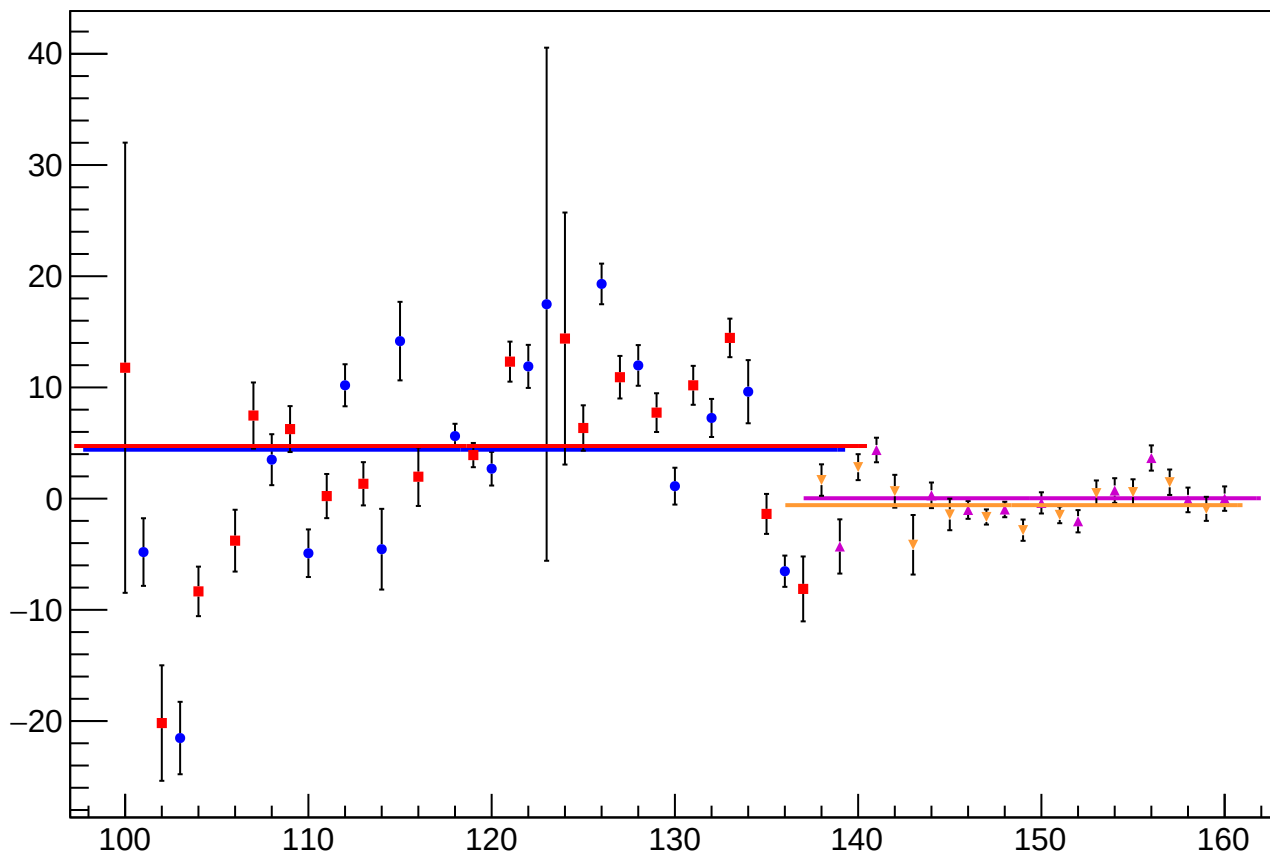
-14.205+/-0.459 χ^2 /NDF: 1624.5/11

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

-15.525+/-0.449 χ^2 /NDF: 125.0/10

Left In: -15.525+/-0.449 χ^2 /NDF:125.0/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.399 ± 0.471 $\chi^2/\text{NDF}: 286.8/16$

Left Out: -0.586 ± 0.309 $\chi^2/\text{NDF}: 28.6/11$

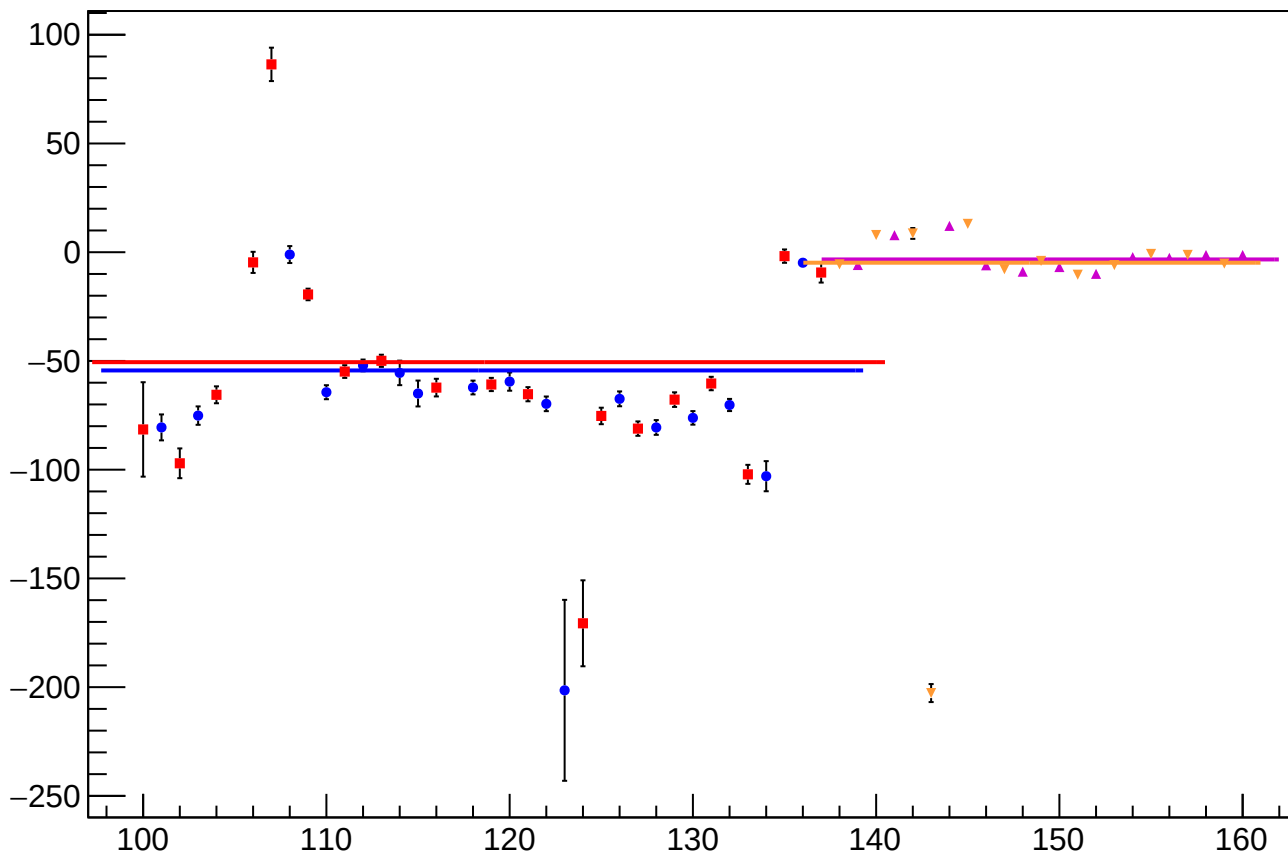
Right Out: 4.732 ± 0.473 $\chi^2/\text{NDF}: 182.9/18$

Left In: 0.035 ± 0.306 $\chi^2/\text{NDF}: 37.5/10$

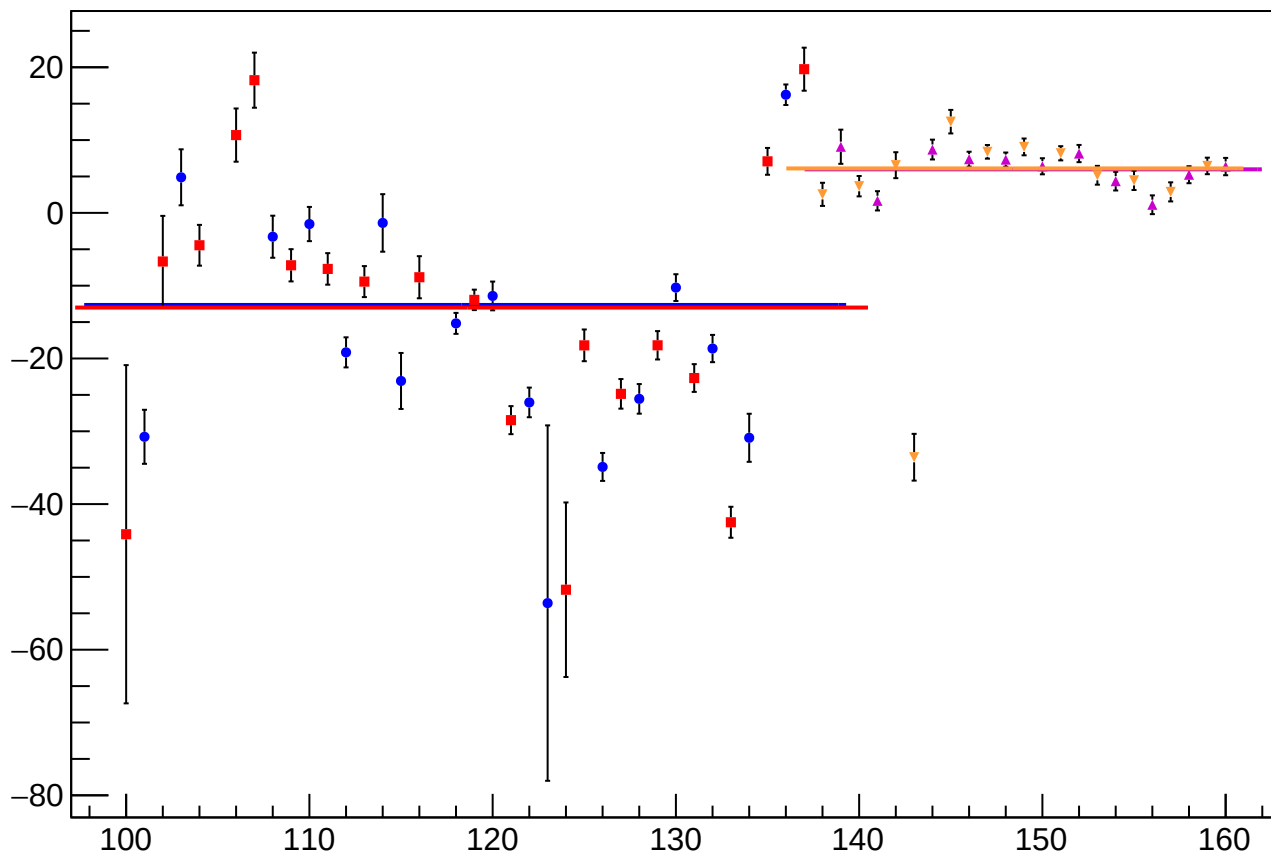
0.911 ± 0.258 $\chi^2/\text{NDF}: 393.8/28$

1.418 ± 0.257 $\chi^2/\text{NDF}: 289.9/29$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 6.103 ± 0.374 χ^2/NDF : 201.7/11

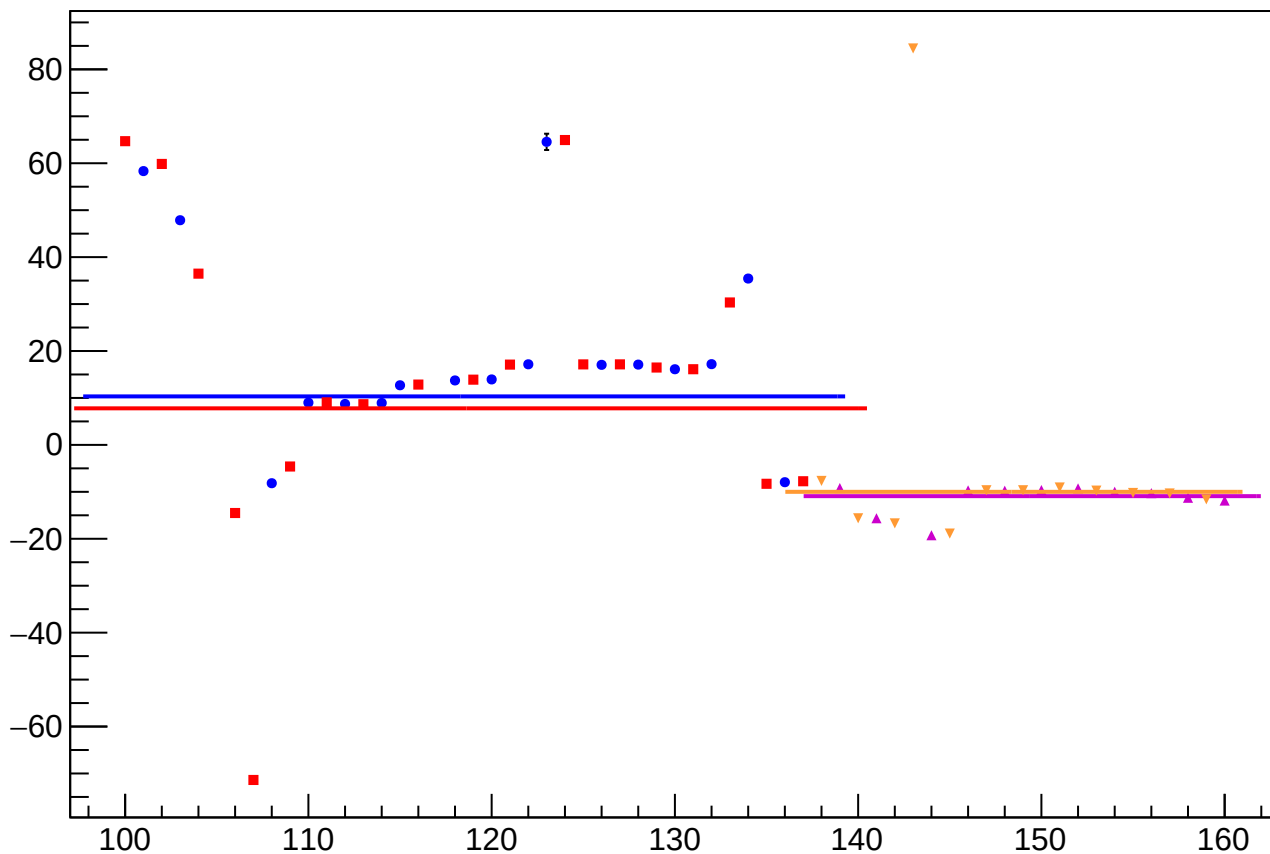
Right Out: -13.005 ± 0.538 χ^2/NDF : 721.4/18

Left In: 5.982 ± 0.366 χ^2/NDF : 40.0/10

-0.024 ± 0.307 χ^2/NDF : 1813.2/28

-0.022 ± 0.302 χ^2/NDF : 1614.5/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.330+/-0.031 χ^2/NDF : 380857.1/16

Left Out: -9.999+/-0.018 χ^2/NDF : 355763.0/11

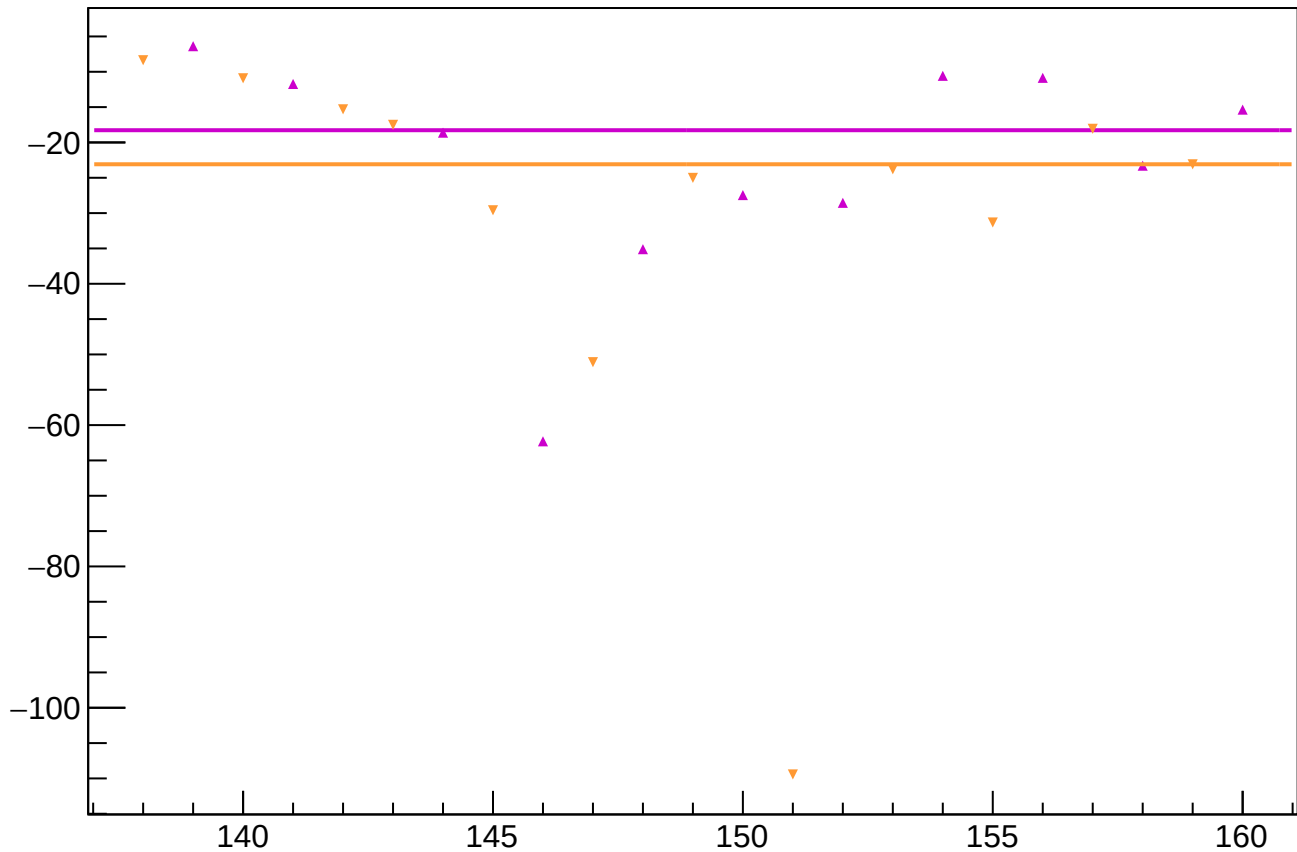
Right Out: 7.786+/-0.031 χ^2/NDF : 544119.7/18

Left In: -10.920+/-0.017 χ^2/NDF : 21694.2/10

-4.992+/-0.015 χ^2/NDF : 1067625.6/28

-6.690+/-0.015 χ^2/NDF : 842144.3/29

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.088+/-0.076 χ^2/NDF : 50366.3/11

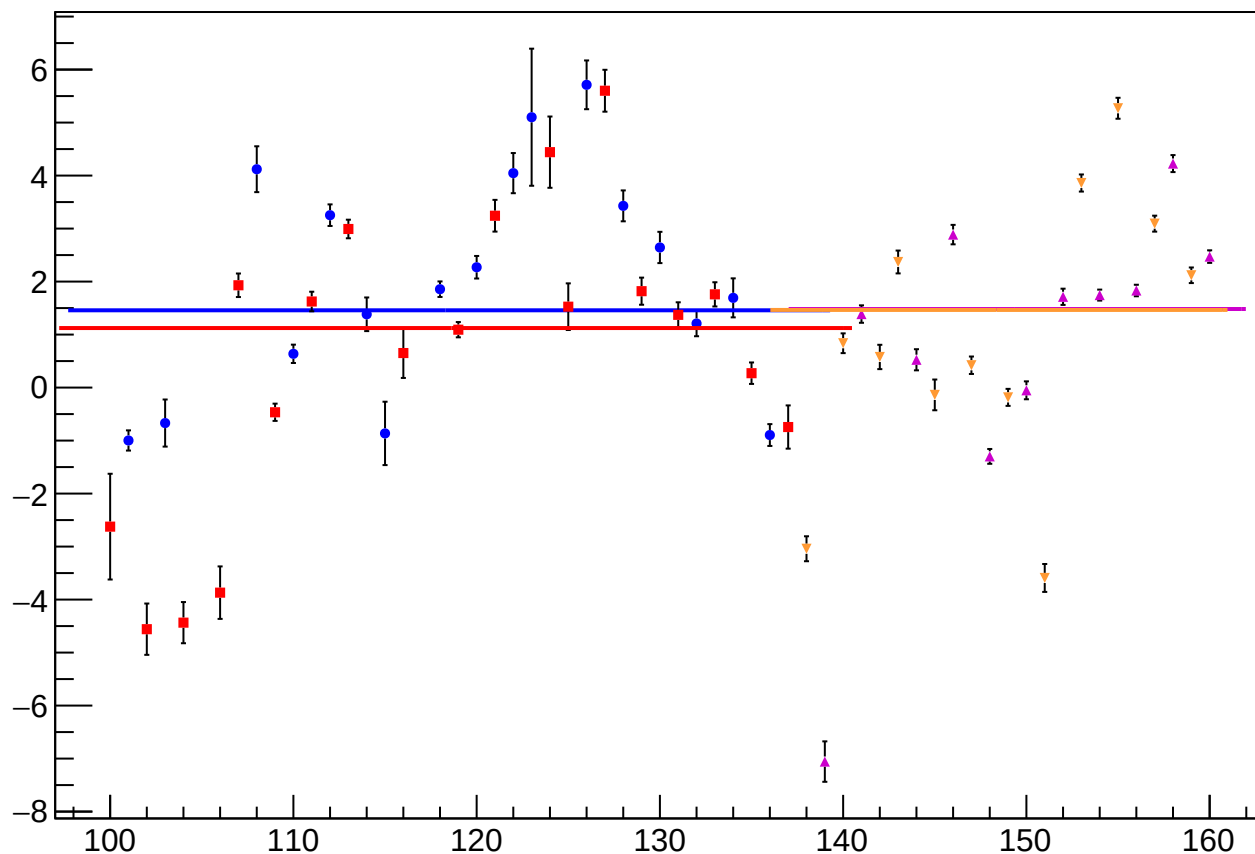
-23.088+/-0.076 χ^2/NDF : 50366.3/11

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

-18.269+/-0.064 χ^2/NDF : 36060.4/10

Left In: -18.269+/-0.064 χ^2/NDF : 36060.4/10

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.458 ± 0.062 χ^2/NDF : 698.2/16

Left Out: 1.465 ± 0.054 χ^2/NDF : 1682.7/11

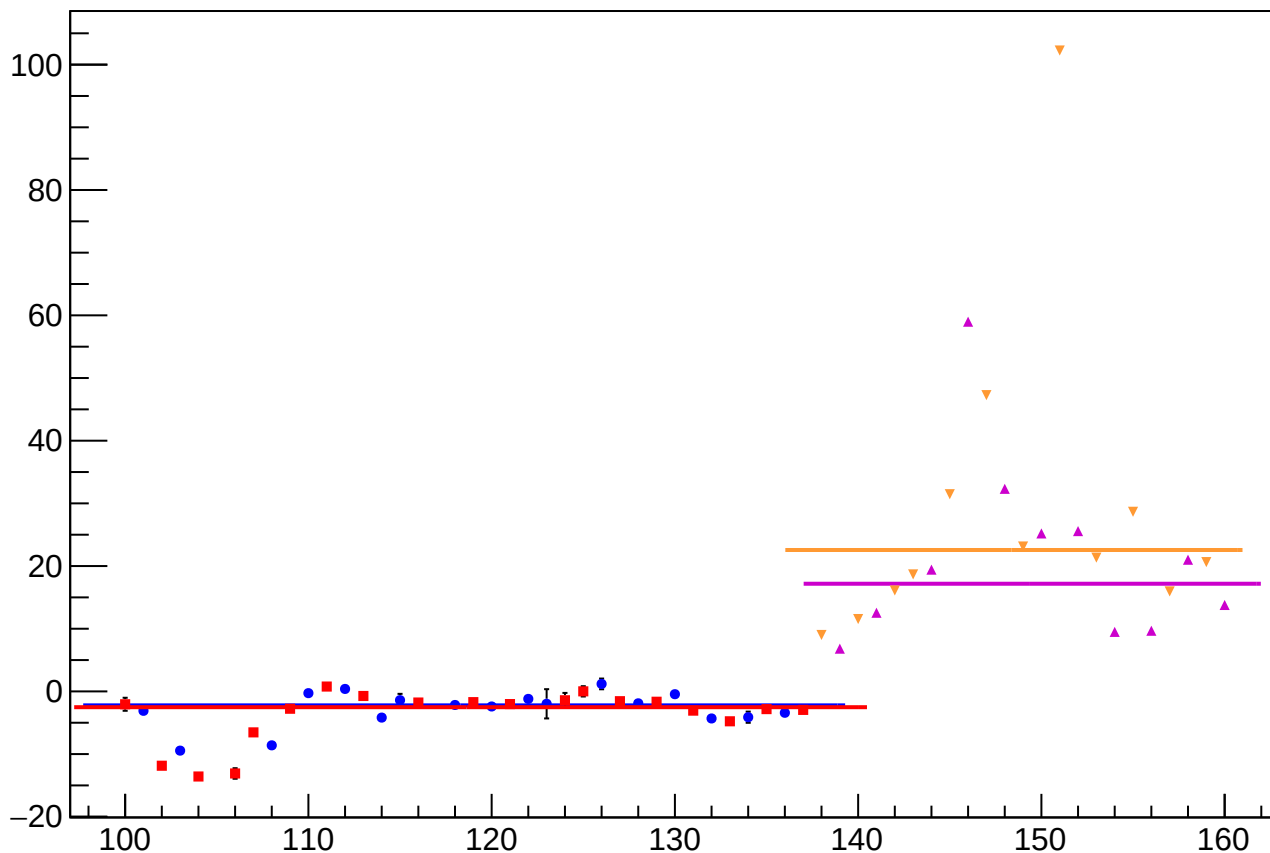
Right Out: 1.123 ± 0.058 χ^2/NDF : 947.4/18

Left In: 1.483 ± 0.044 χ^2/NDF : 1442.8/10

1.462 ± 0.041 χ^2/NDF : 2380.9/28

1.351 ± 0.035 χ^2/NDF : 2414.5/29

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 $\chi^2/\text{NDF}: 460.4/16$

Left Out: 22.561 ± 0.074 $\chi^2/\text{NDF}: 45582.2/11$

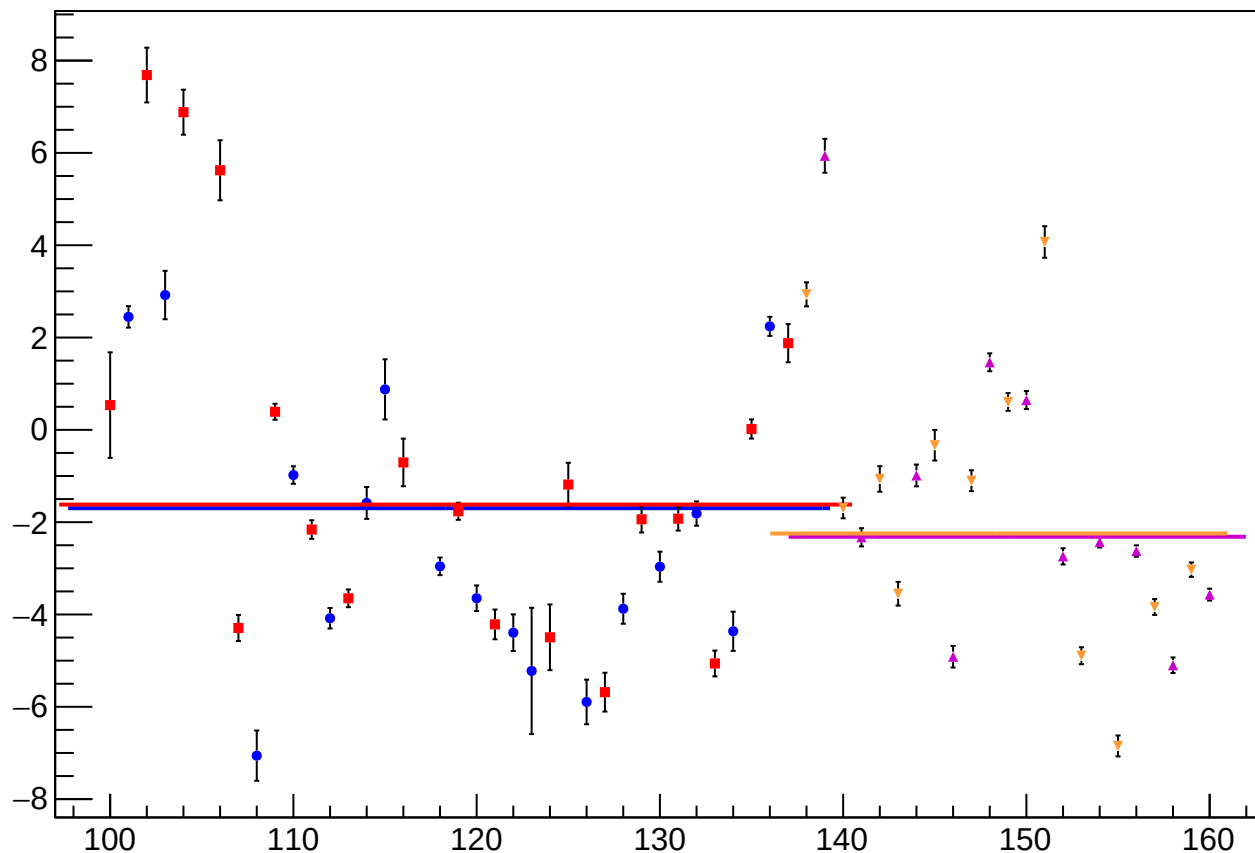
Right Out: -2.520 ± 0.099 $\chi^2/\text{NDF}: 904.0/18$

Left In: 17.177 ± 0.061 $\chi^2/\text{NDF}: 34201.5/10$

14.915 ± 0.062 $\chi^2/\text{NDF}: 80367.8/28$

11.735 ± 0.052 $\chi^2/\text{NDF}: 63767.8/29$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697 ± 0.071 χ^2/NDF : 1319.4/16

Left Out: -2.246 ± 0.063 χ^2/NDF : 1795.6/11

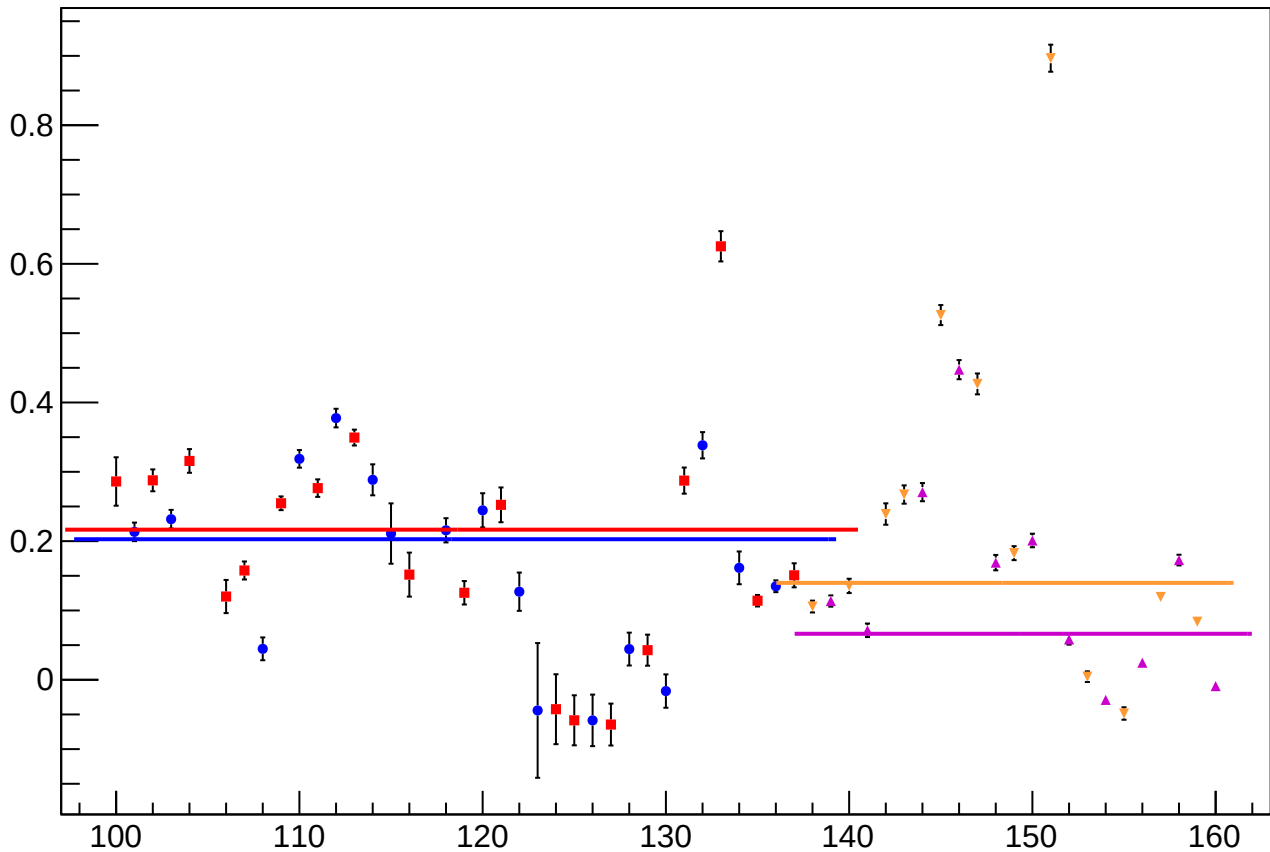
Right Out: -1.618 ± 0.066 χ^2/NDF : 1489.2/18

Left In: -2.316 ± 0.051 χ^2/NDF : 1648.1/10

-2.004 ± 0.047 χ^2/NDF : 3148.3/28

-2.054 ± 0.040 χ^2/NDF : 3207.8/29

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 676.5/16

Left Out: 0.160 ± 0.002 χ^2/NDF : 4402.7/28

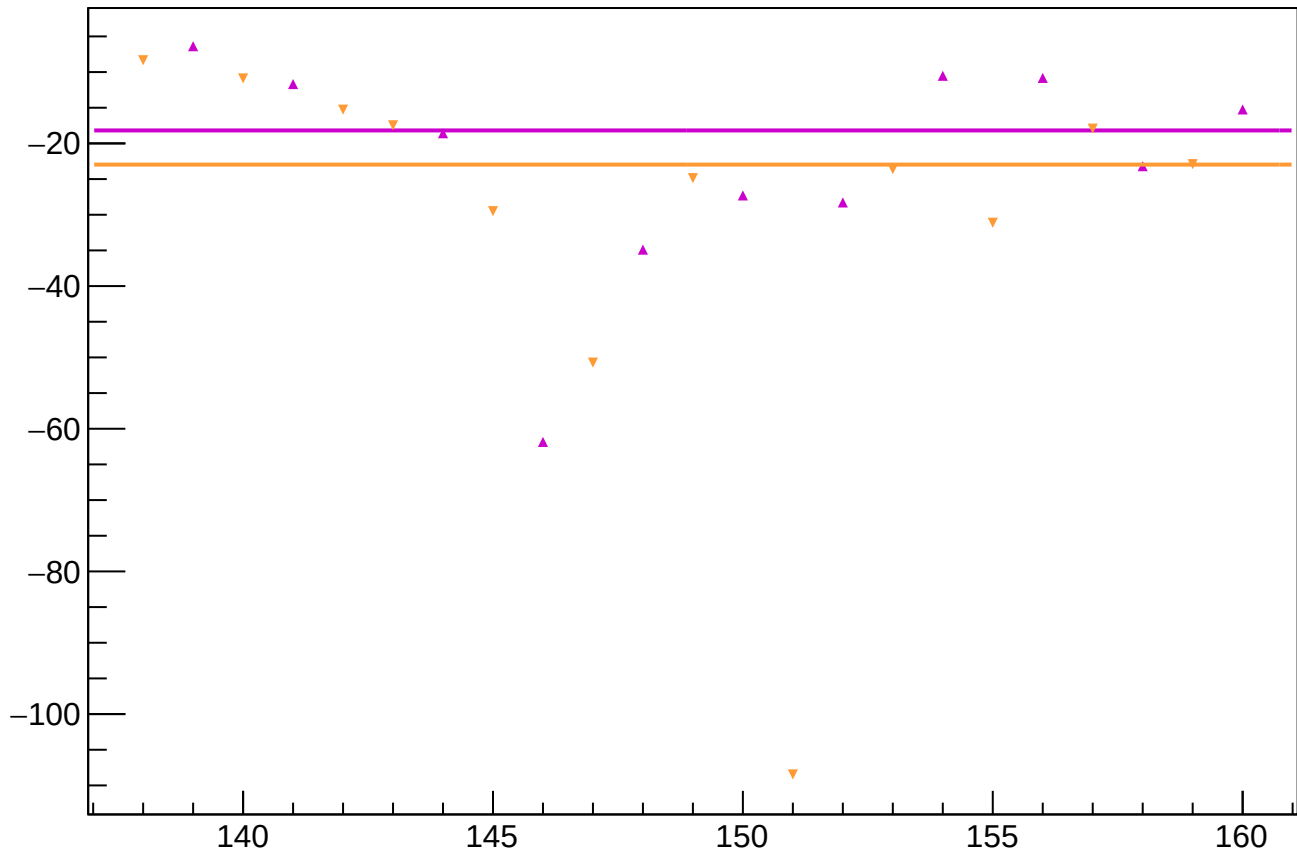
Right Out: 0.217 ± 0.004 χ^2/NDF : 1064.4/18

Left In: 0.066 ± 0.002 χ^2/NDF : 2111.0/10

0.160 ± 0.002 χ^2/NDF : 4402.7/28

0.106 ± 0.002 χ^2/NDF : 4386.3/29

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -22.970 ± 0.075 χ^2/NDF : 50256.9/11

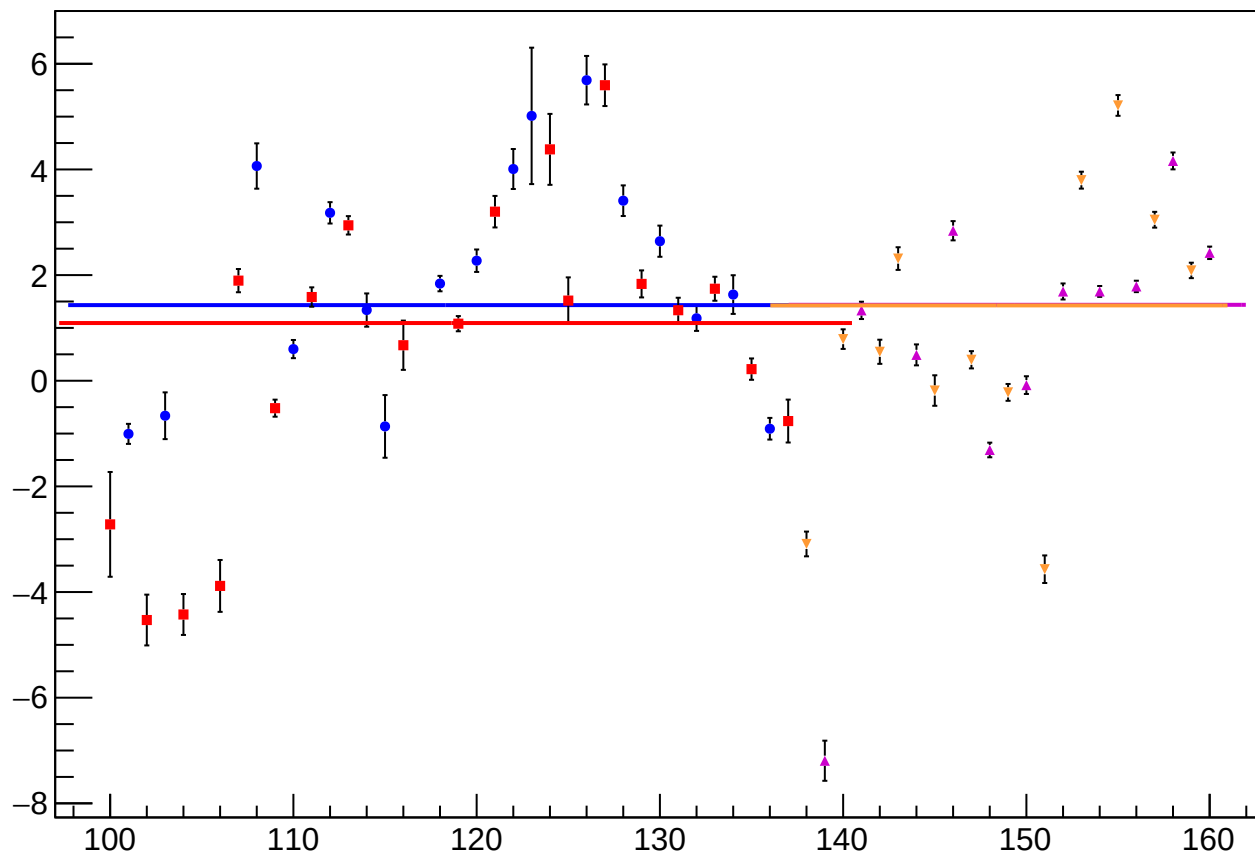
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -18.181 ± 0.063 χ^2/NDF : 35992.6/10

-22.970 ± 0.075 χ^2/NDF : 50256.9/11

-18.181 ± 0.063 χ^2/NDF : 35992.6/10

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 ± 0.062 χ^2/NDF : 696.6/16

Left Out: 1.426 ± 0.054 χ^2/NDF : 1688.3/11

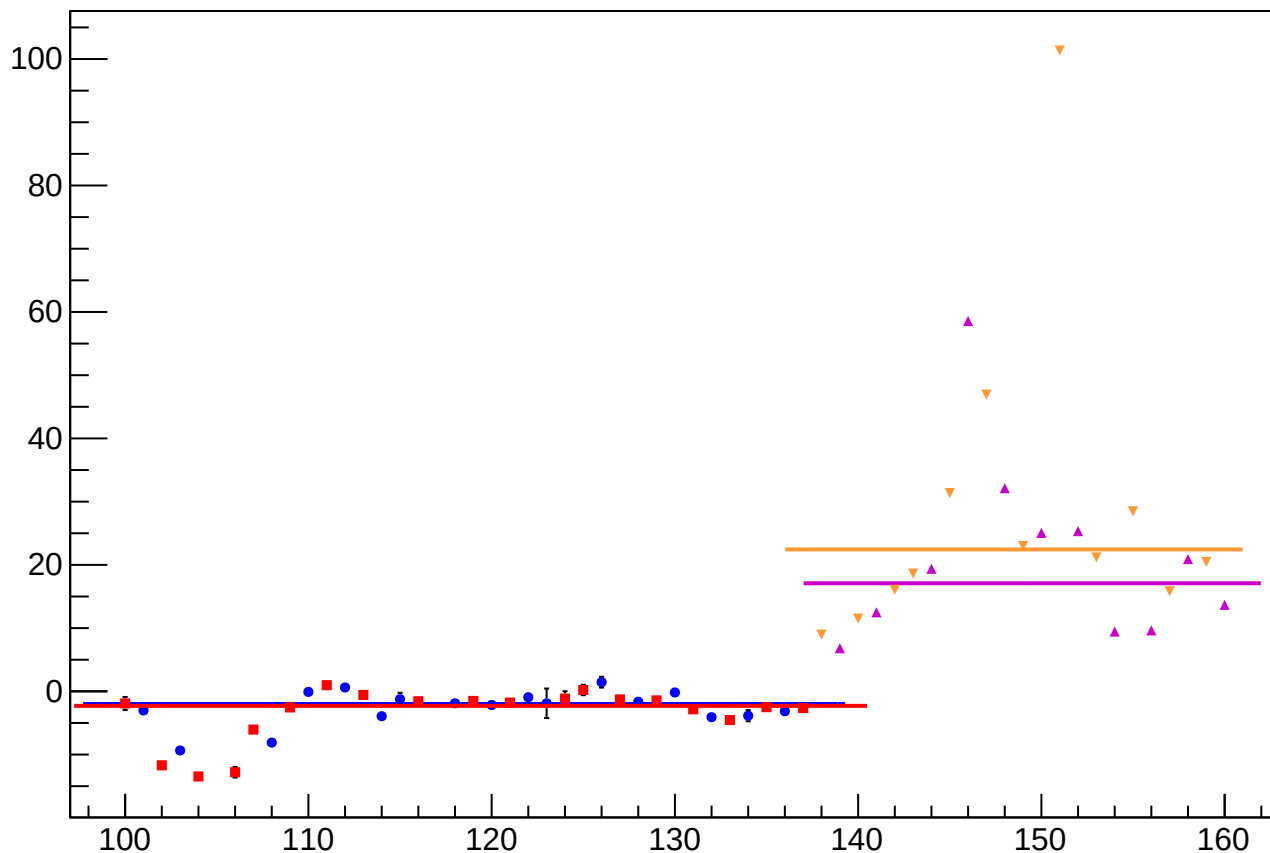
Right Out: 1.092 ± 0.058 χ^2/NDF : 953.2/18

Left In: 1.437 ± 0.044 χ^2/NDF : 1453.5/10

1.429 ± 0.040 χ^2/NDF : 2384.9/28

1.312 ± 0.035 χ^2/NDF : 2429.3/29

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.005+/-0.111 χ^2/NDF : 463.1/16

Left Out: 22.439+/-0.074 χ^2/NDF :45504.4/11

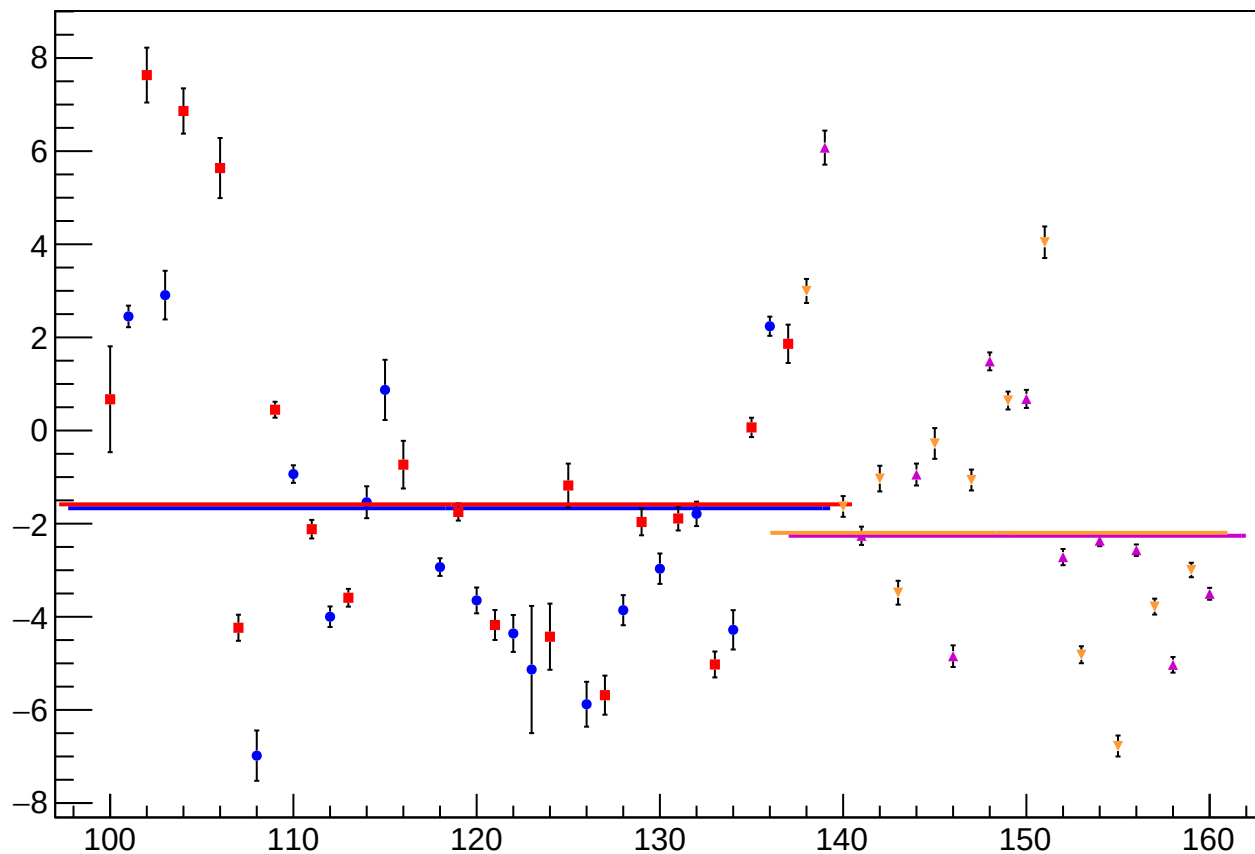
Right Out: -2.295+/-0.098 χ^2/NDF : 907.2/18

Left In: 17.092+/-0.061 χ^2/NDF :34148.0/10

14.914+/-0.061 χ^2/NDF : 79705.4/28

11.742+/-0.052 χ^2/NDF : 63128.9/29

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669 ± 0.071 χ^2/NDF : 1314.9/16

Left Out: -2.197 ± 0.063 χ^2/NDF : 1802.9/11

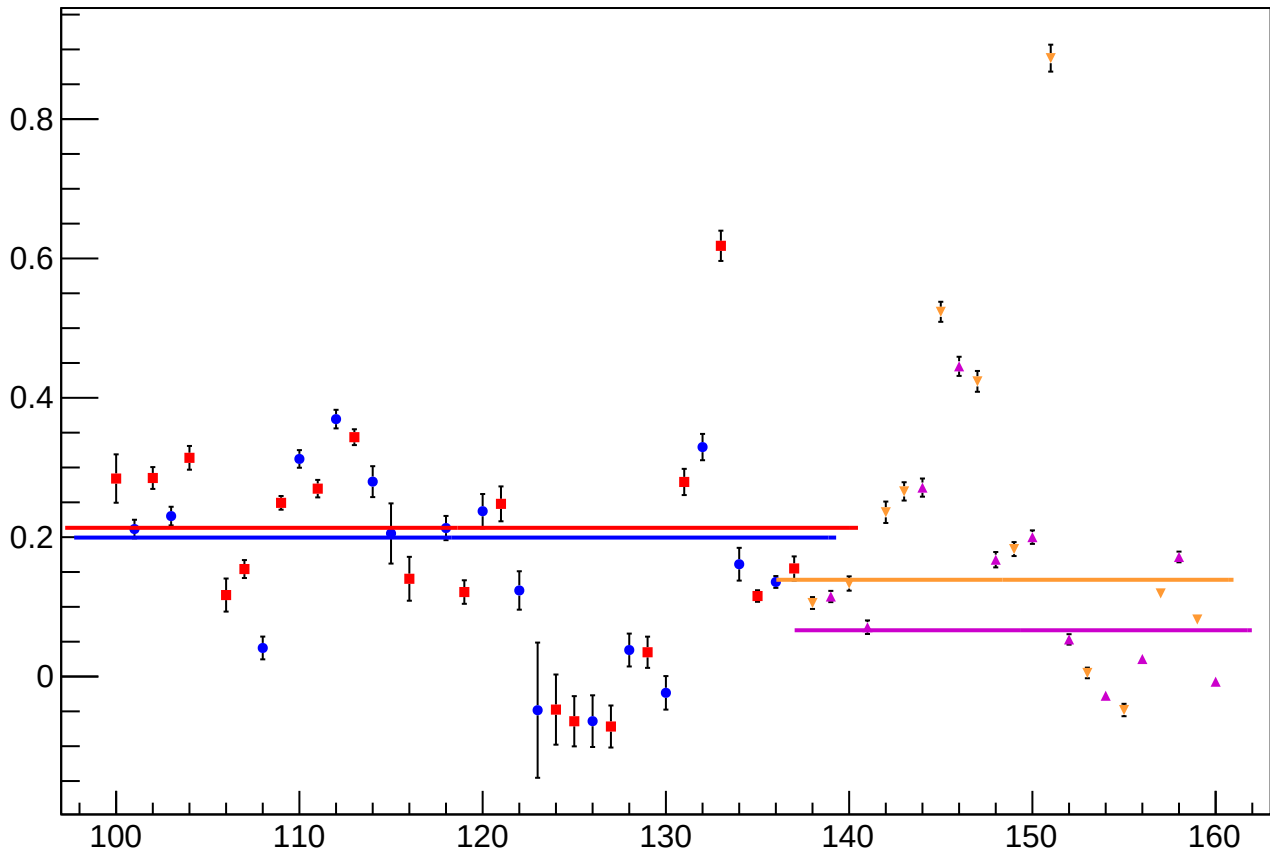
Right Out: -1.585 ± 0.065 χ^2/NDF : 1494.7/18

Left In: -2.260 ± 0.051 χ^2/NDF : 1662.6/10

-1.965 ± 0.047 χ^2/NDF : 3149.0/28

-2.007 ± 0.040 χ^2/NDF : 3223.8/29

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199 $\pm$ 0.004 χ^2/NDF : 662.1/16

Left Out: 0.139 $\pm$ 0.003 χ^2/NDF : 3562.1/11

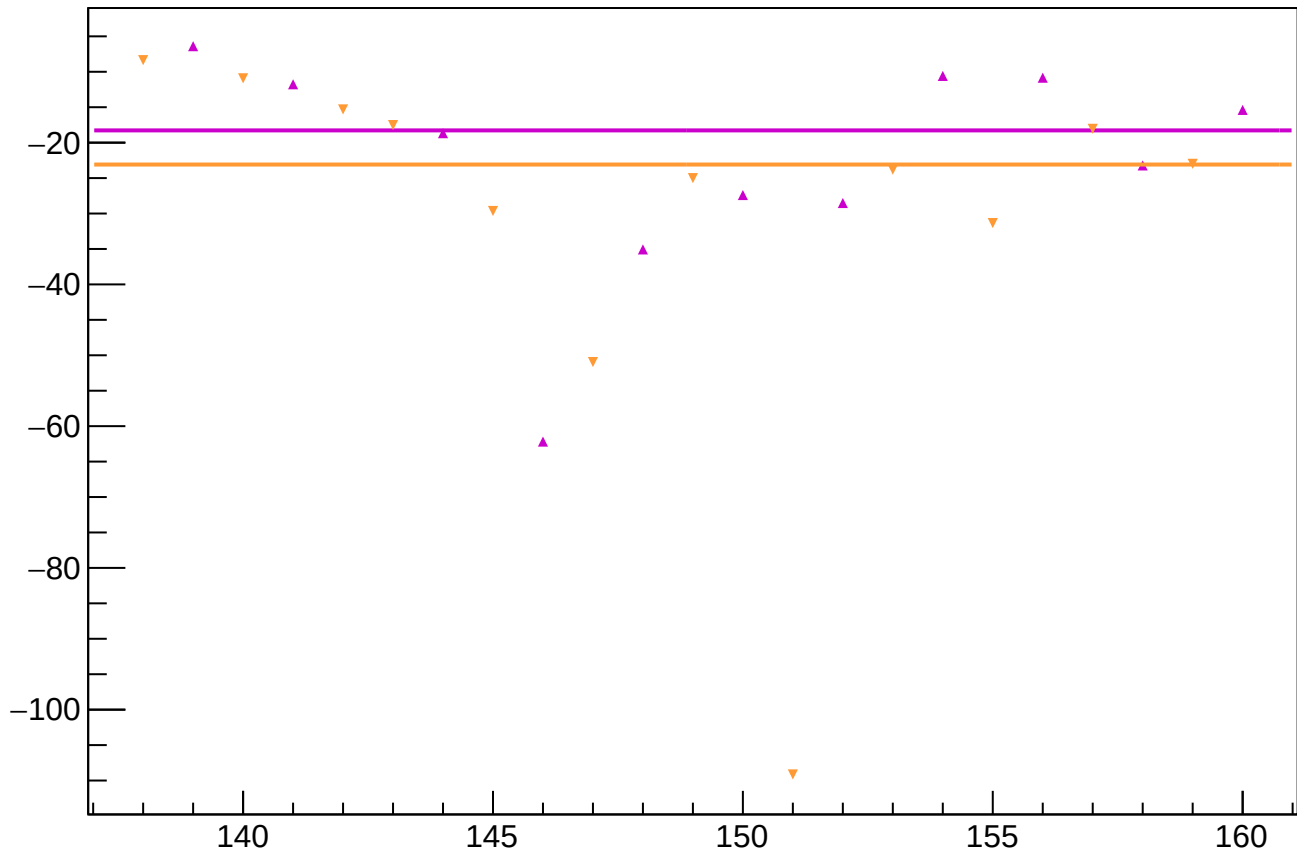
Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1048.2/18

Left In: 0.066 $\pm$ 0.002 χ^2/NDF : 2105.1/10

0.158 $\pm$ 0.002 χ^2/NDF : 4371.6/28

0.105 $\pm$ 0.002 χ^2/NDF : 4326.1/29

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.088+/-0.076 χ^2/NDF : 50367.5/11

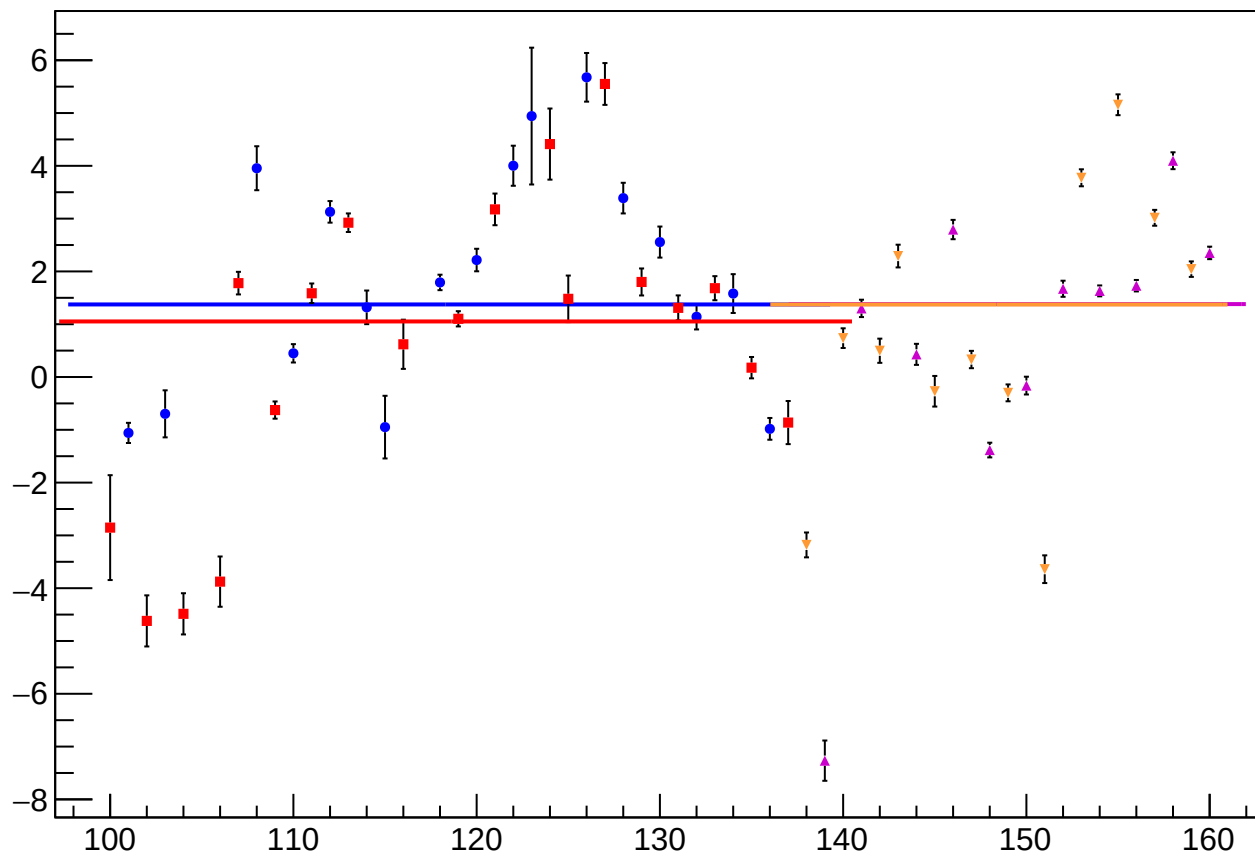
-23.088+/-0.076 χ^2/NDF : 50367.5/11

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

-18.270+/-0.064 χ^2/NDF : 36067.3/10

Left In: -18.270+/-0.064 χ^2/NDF : 36067.3/10

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 ± 0.062 χ^2/NDF : 702.4/16

Left Out: 1.373 ± 0.054 χ^2/NDF : 1696.2/11

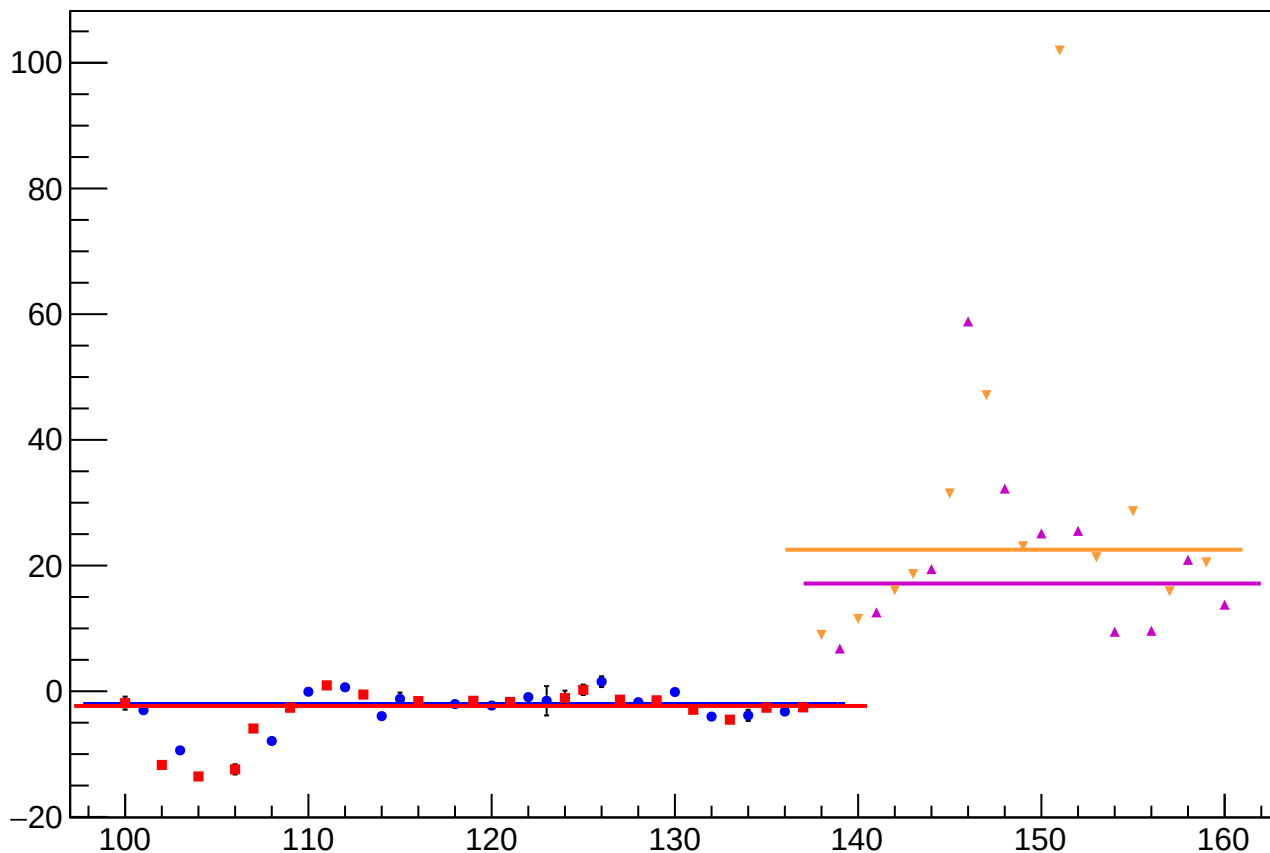
Right Out: 1.052 ± 0.058 χ^2/NDF : 964.0/18

Left In: 1.381 ± 0.044 χ^2/NDF : 1449.9/10

1.374 ± 0.041 χ^2/NDF : 2398.7/28

1.261 ± 0.035 χ^2/NDF : 2434.3/29

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 $\chi^2/\text{NDF}: 463.2/16$

Left Out: 22.522 ± 0.074 $\chi^2/\text{NDF}: 45599.4/11$

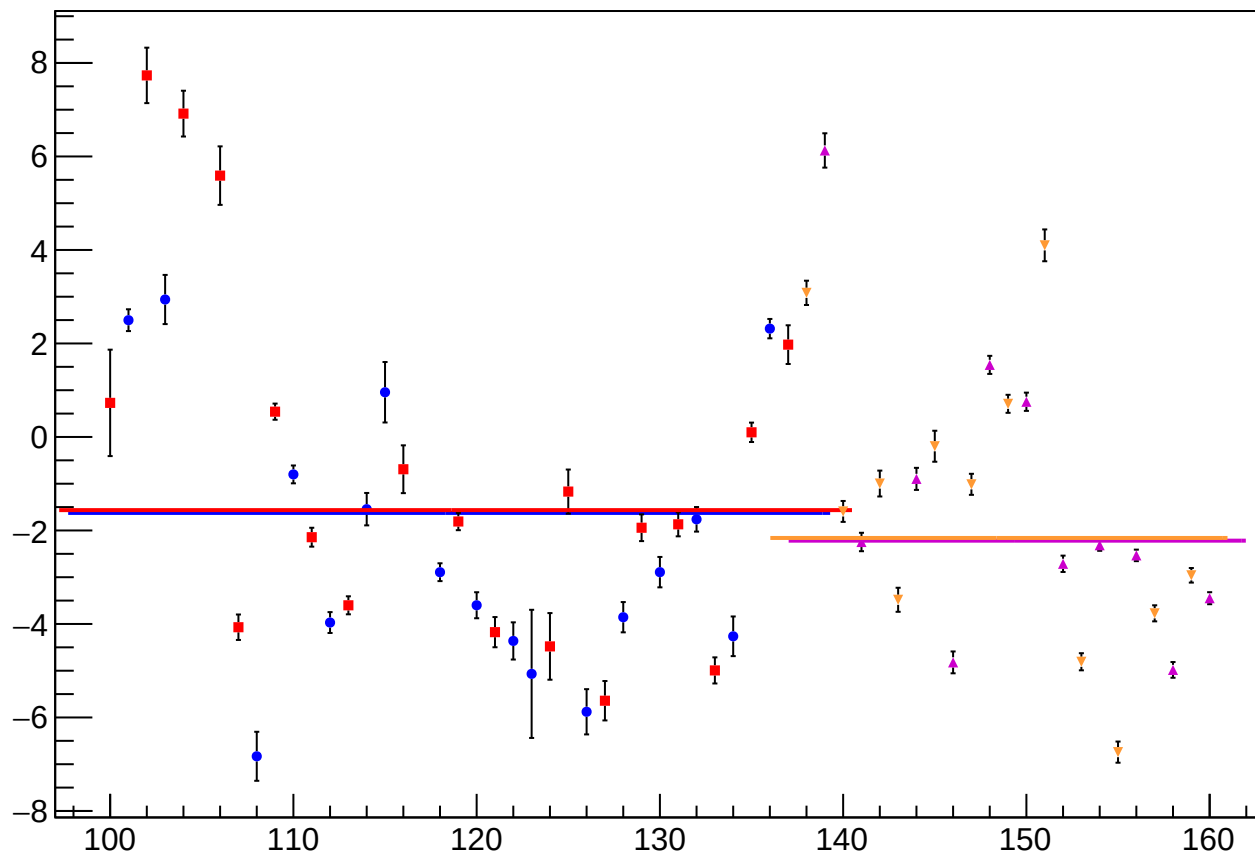
Right Out: -2.336 ± 0.099 $\chi^2/\text{NDF}: 902.0/18$

Left In: 17.140 ± 0.061 $\chi^2/\text{NDF}: 34227.3/10$

14.973 ± 0.062 $\chi^2/\text{NDF}: 79762.5/28$

11.775 ± 0.052 $\chi^2/\text{NDF}: 63204.1/29$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625 ± 0.071 χ^2/NDF : 1320.8/16

Left Out: -2.160 ± 0.063 χ^2/NDF : 1811.7/11

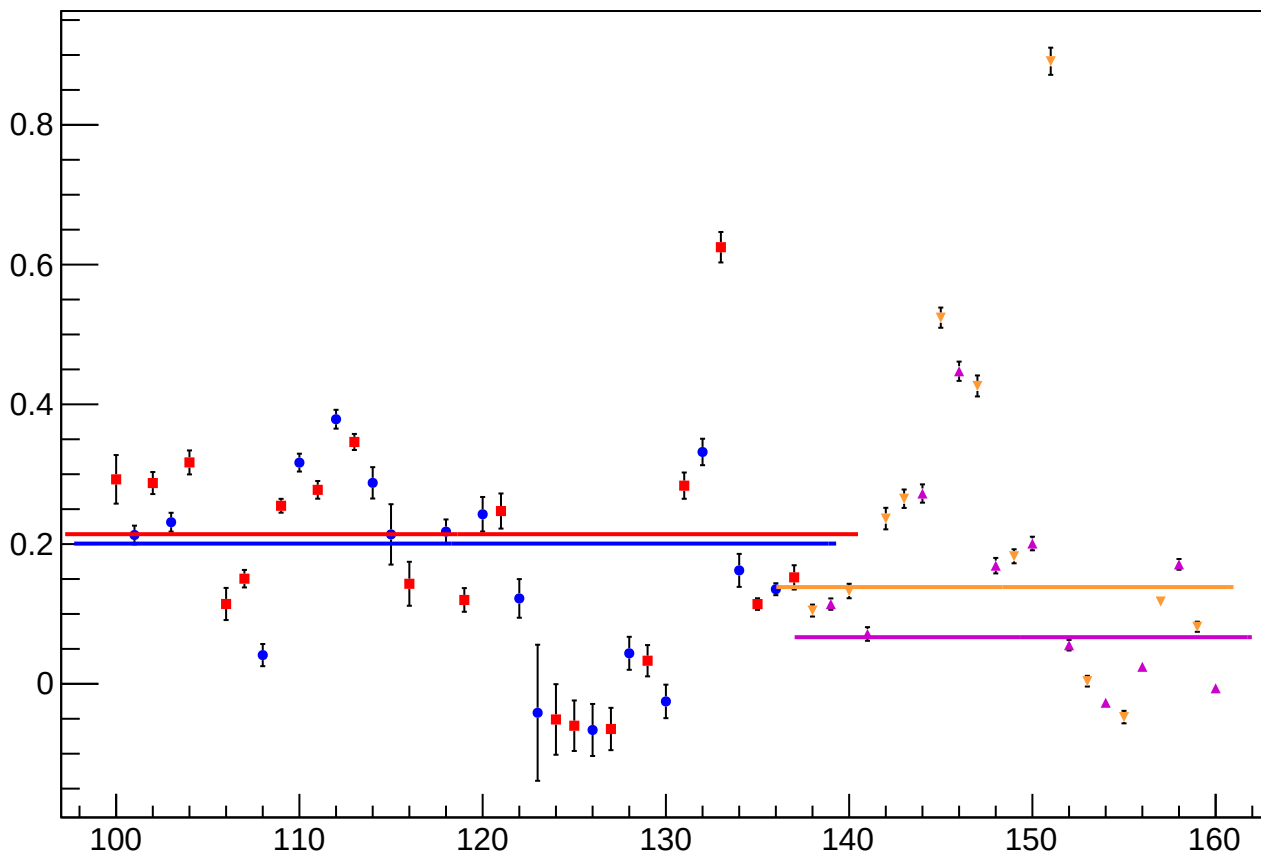
Right Out: -1.565 ± 0.066 χ^2/NDF : 1505.8/18

Left In: -2.218 ± 0.051 χ^2/NDF : 1658.9/10

-1.925 ± 0.047 χ^2/NDF : 3164.2/28

-1.973 ± 0.040 χ^2/NDF : 3226.6/29

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 690.6/16

Left Out: 0.138 ± 0.003 χ^2/NDF : 3555.4/11

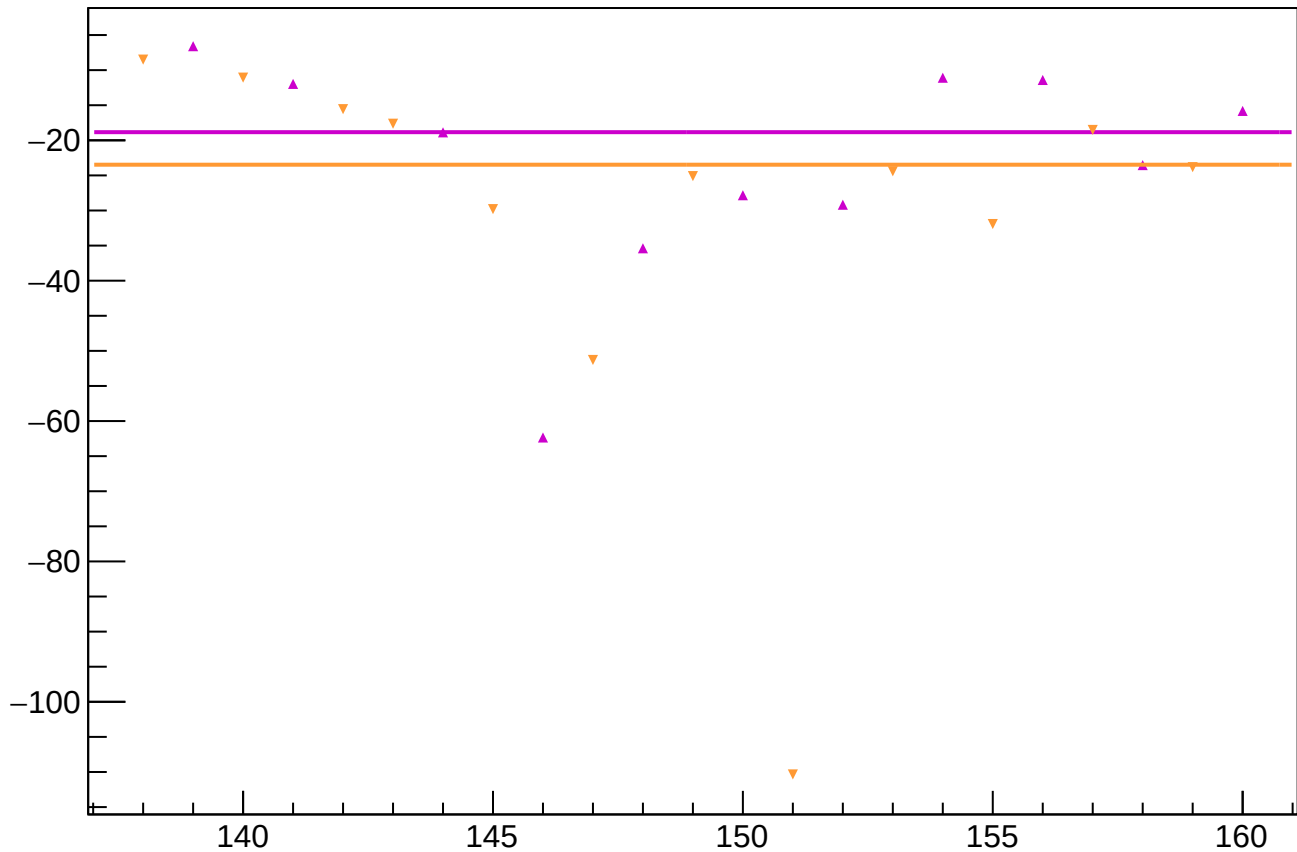
Right Out: 0.214 ± 0.004 χ^2/NDF : 1080.4/18

Left In: 0.067 ± 0.002 χ^2/NDF : 2096.2/10

0.158 ± 0.002 χ^2/NDF : 4400.5/28

0.106 ± 0.002 χ^2/NDF : 4349.9/29

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.475+/-0.077 χ^2/NDF : 50225.4/11

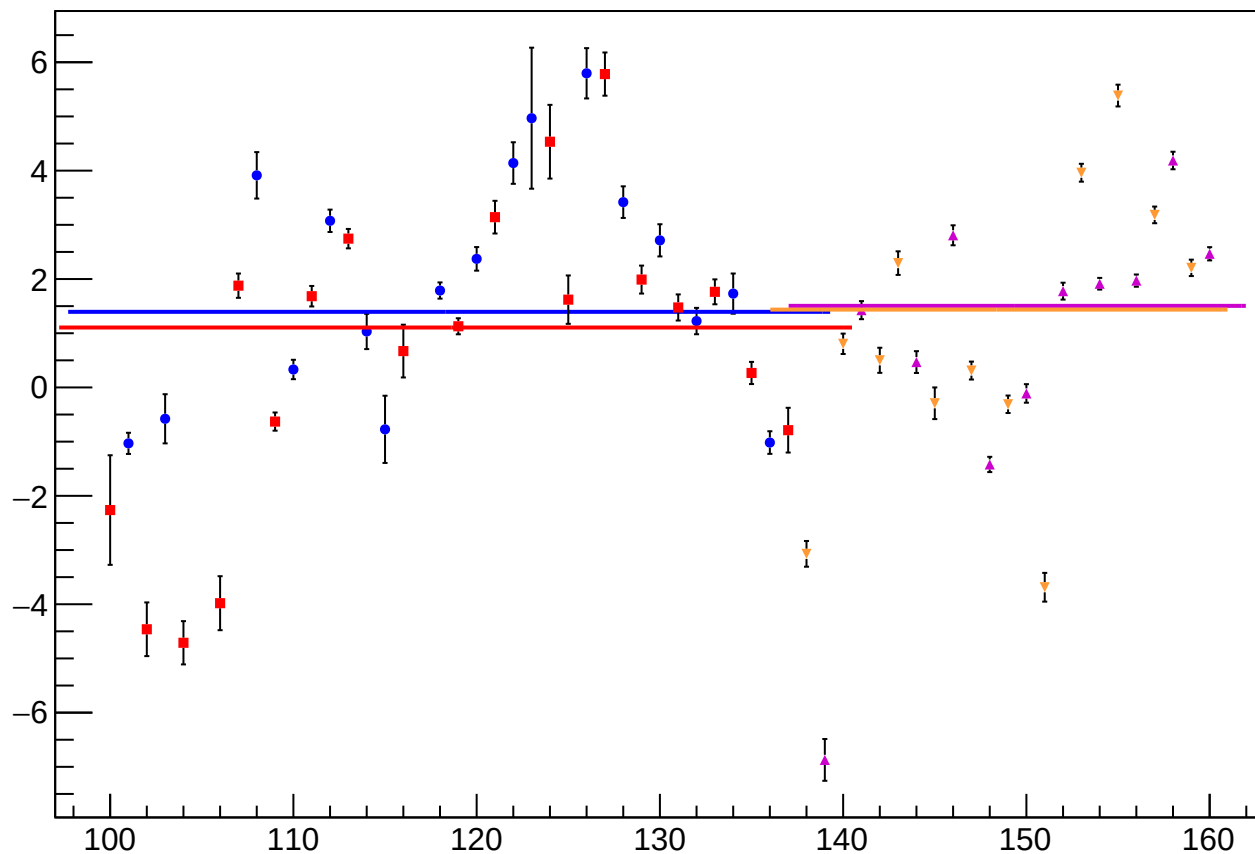
-23.475+/-0.077 χ^2/NDF : 50225.4/11

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

-18.840+/-0.065 χ^2/NDF : 34994.7/10

Left In: -18.840+/-0.065 χ^2/NDF : 34994.7/10

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395 ± 0.063 $\chi^2/\text{NDF}: 701.4/16$

Left Out: 1.436 ± 0.055 $\chi^2/\text{NDF}: 1750.9/11$

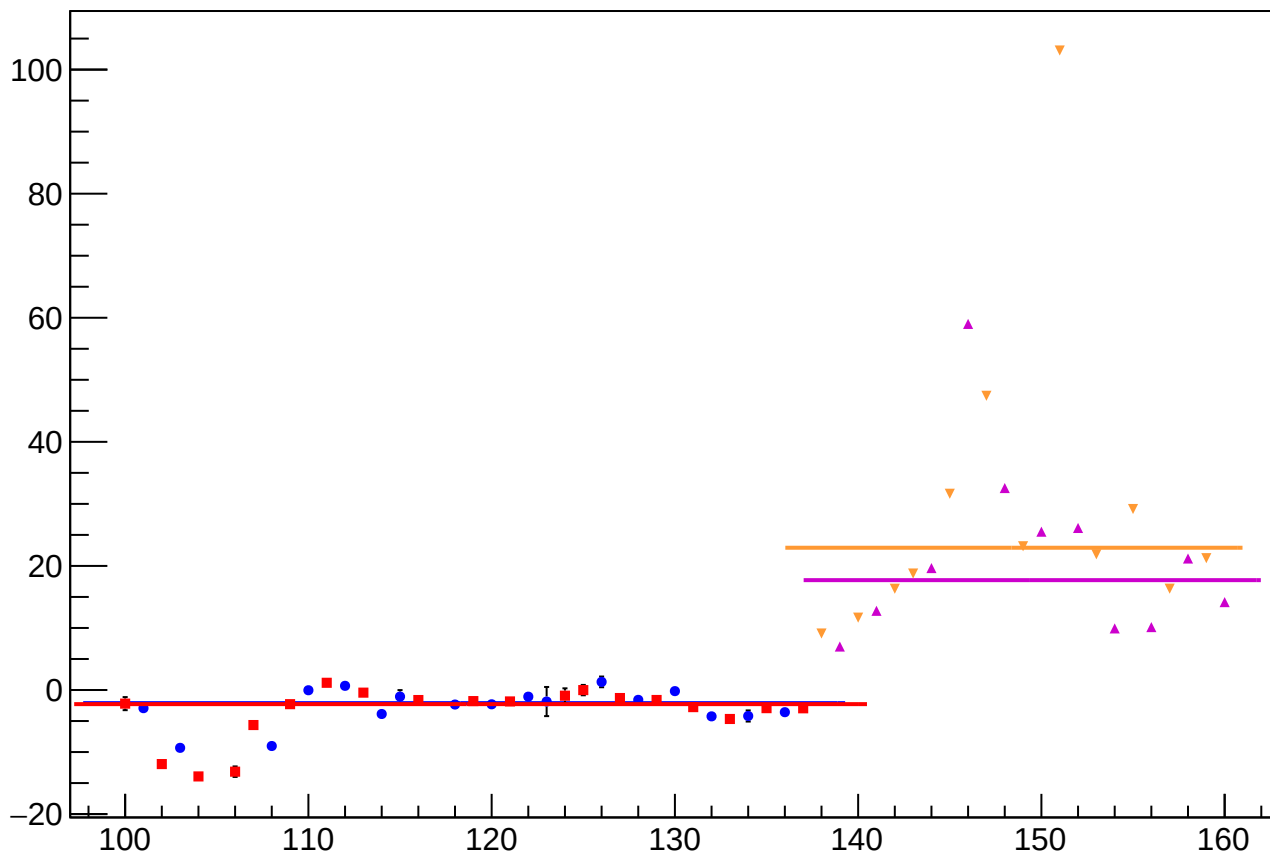
Right Out: 1.106 ± 0.059 $\chi^2/\text{NDF}: 937.0/18$

Left In: 1.505 ± 0.045 $\chi^2/\text{NDF}: 1441.2/10$

1.418 ± 0.041 $\chi^2/\text{NDF}: 2452.6/28$

1.359 ± 0.036 $\chi^2/\text{NDF}: 2407.0/29$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 χ^2/NDF : 486.3/16

Left Out: 22.931 ± 0.075 χ^2/NDF : 45338.8/11

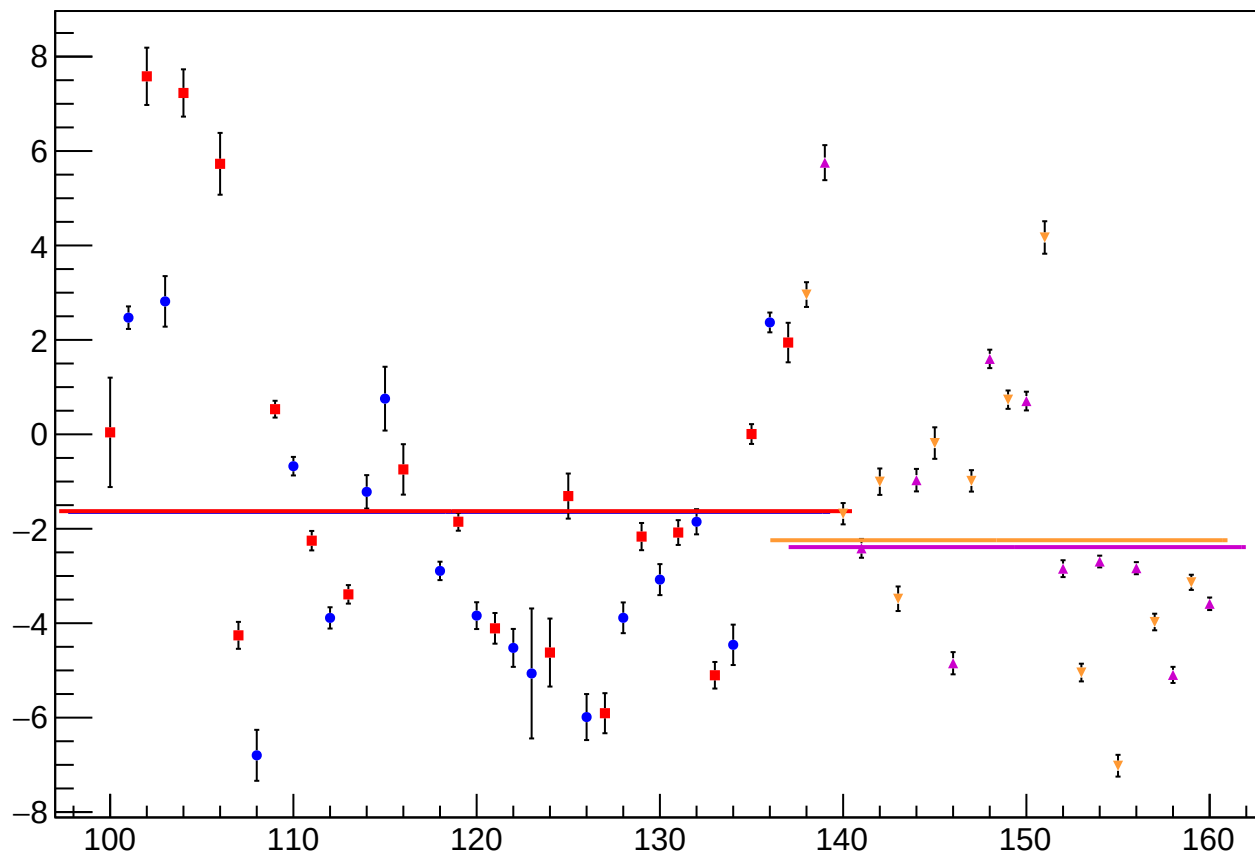
Right Out: -2.277 ± 0.101 χ^2/NDF : 919.4/18

Left In: 17.707 ± 0.063 χ^2/NDF : 33075.3/10

15.241 ± 0.063 χ^2/NDF : 79702.3/28

12.167 ± 0.053 χ^2/NDF : 62269.7/29

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.643+/-0.072 χ^2/NDF : 1310.1/16

Left Out: -2.243+/-0.064 χ^2/NDF :1873.2/11

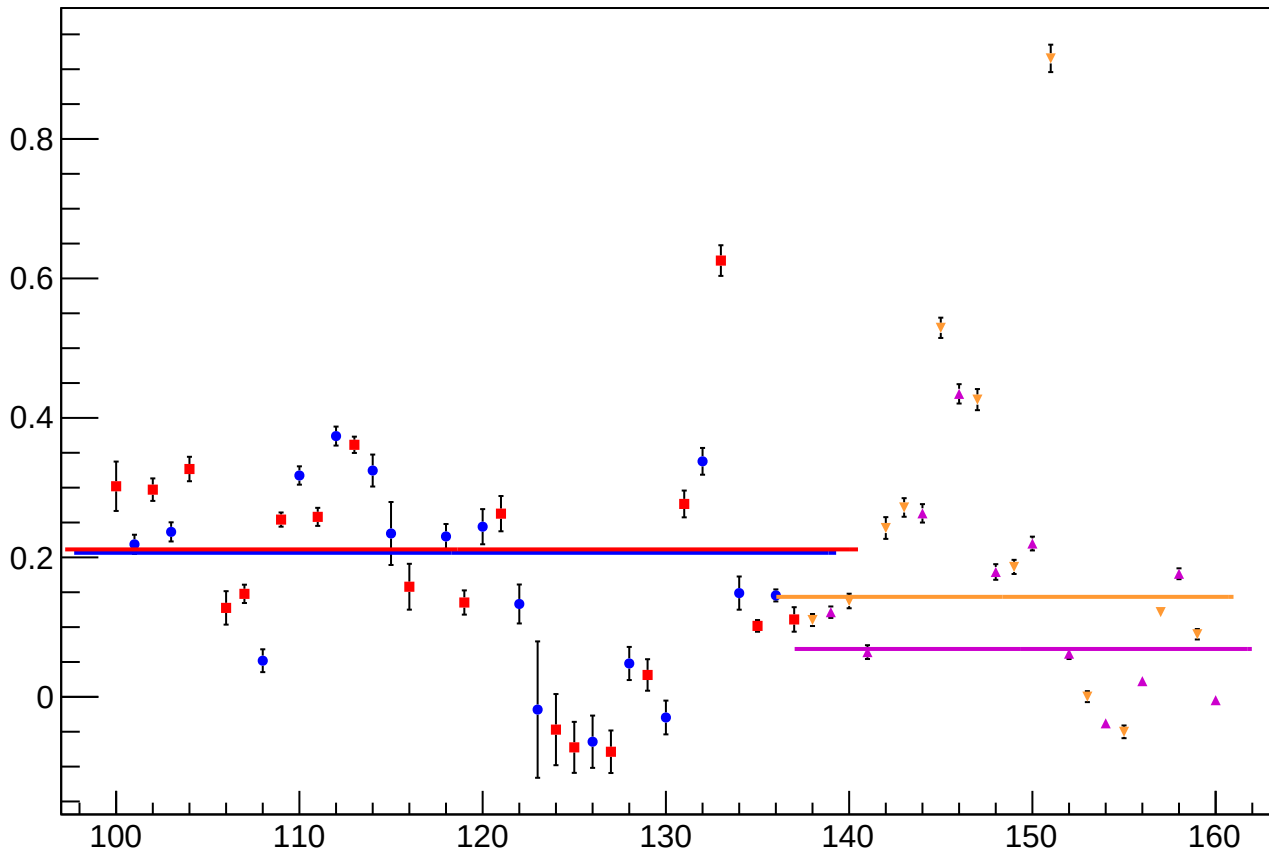
Right Out: -1.627+/-0.067 χ^2/NDF : 1468.1/18

Left In: -2.388+/-0.052 χ^2/NDF :1644.8/10

-1.979+/-0.048 χ^2/NDF : 3221.7/28

-2.101+/-0.041 χ^2/NDF : 3193.4/29

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 655.0/16$

Left Out: 0.143 ± 0.003 $\chi^2/\text{NDF}: 3603.1/11$

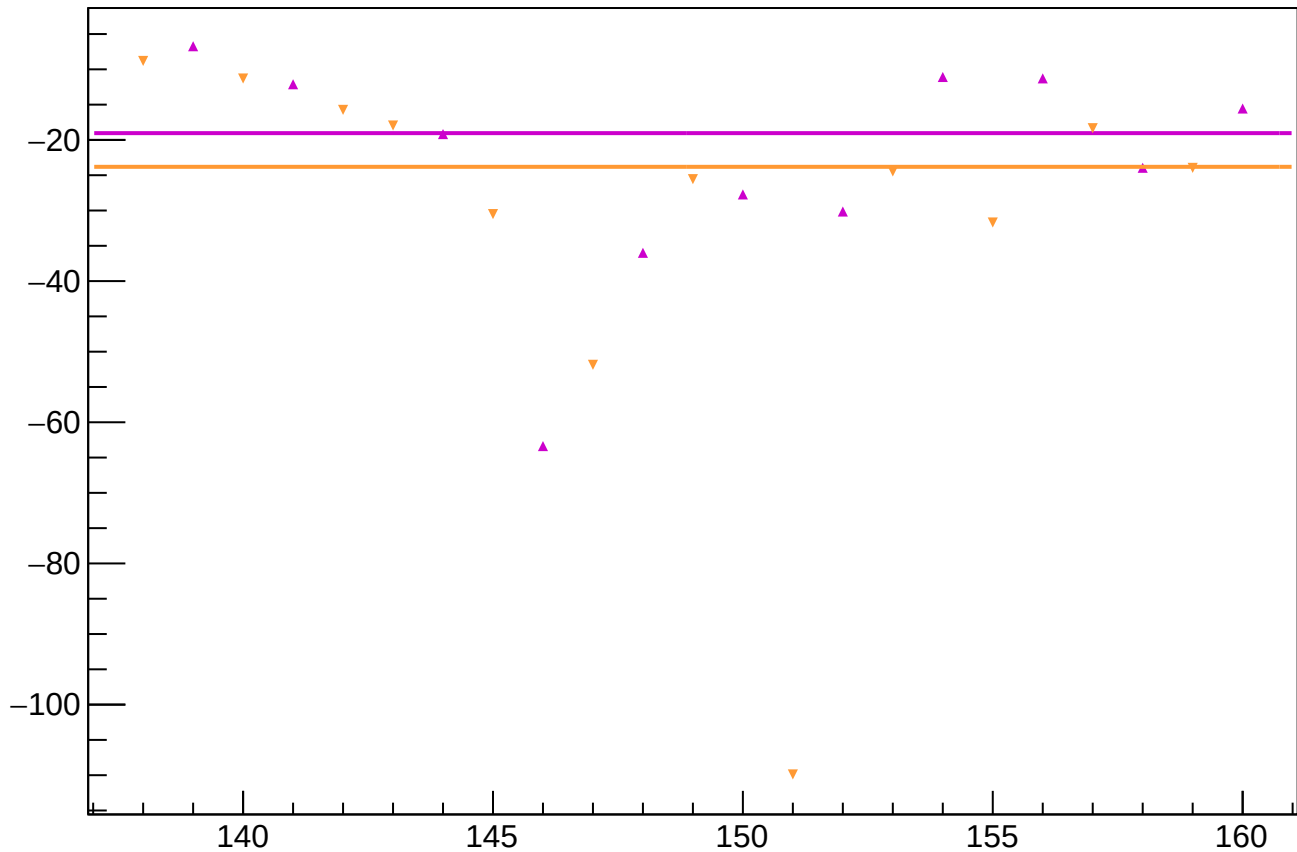
Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.6/18$

Left In: 0.069 ± 0.002 $\chi^2/\text{NDF}: 2136.8/10$

0.163 ± 0.002 $\chi^2/\text{NDF}: 4411.7/28$

0.107 ± 0.002 $\chi^2/\text{NDF}: 4334.9/29$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.810 $\pm$ 0.078 χ^2/NDF :49518.0/11

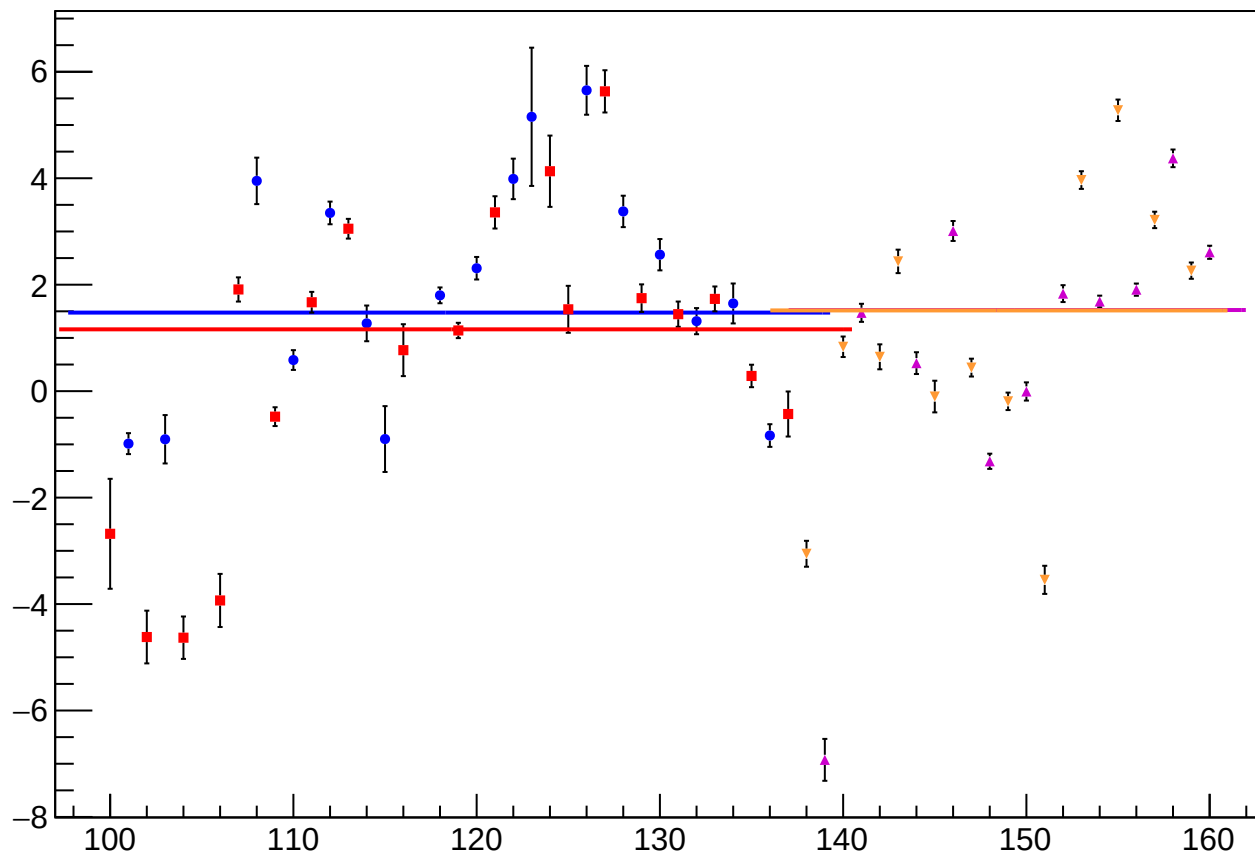
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -19.038 $\pm$ 0.066 χ^2/NDF :35415.5/10

-23.810 $\pm$ 0.078 χ^2/NDF : 49518.0/11

-19.038 $\pm$ 0.066 χ^2/NDF : 35415.5/10

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 ± 0.064 χ^2/NDF : 659.7/16

Left Out: 1.517 ± 0.055 χ^2/NDF : 1653.9/11

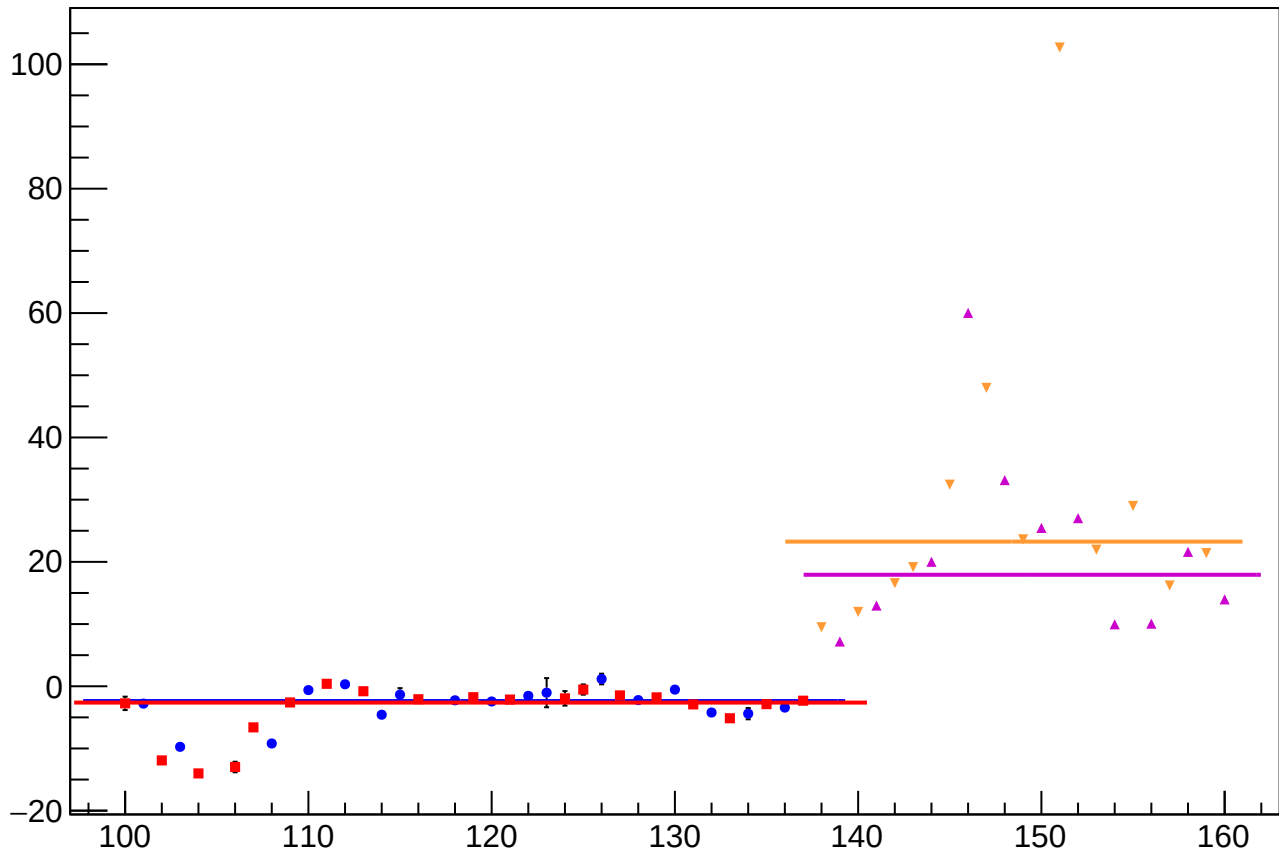
Right Out: 1.161 ± 0.060 χ^2/NDF : 917.9/18

Left In: 1.524 ± 0.046 χ^2/NDF : 1411.8/10

1.499 ± 0.042 χ^2/NDF : 2313.8/28

1.390 ± 0.036 χ^2/NDF : 2352.8/29

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 $\chi^2/\text{NDF}: 438.8/16$

Left Out: 23.257 ± 0.076 $\chi^2/\text{NDF}: 44822.7/11$

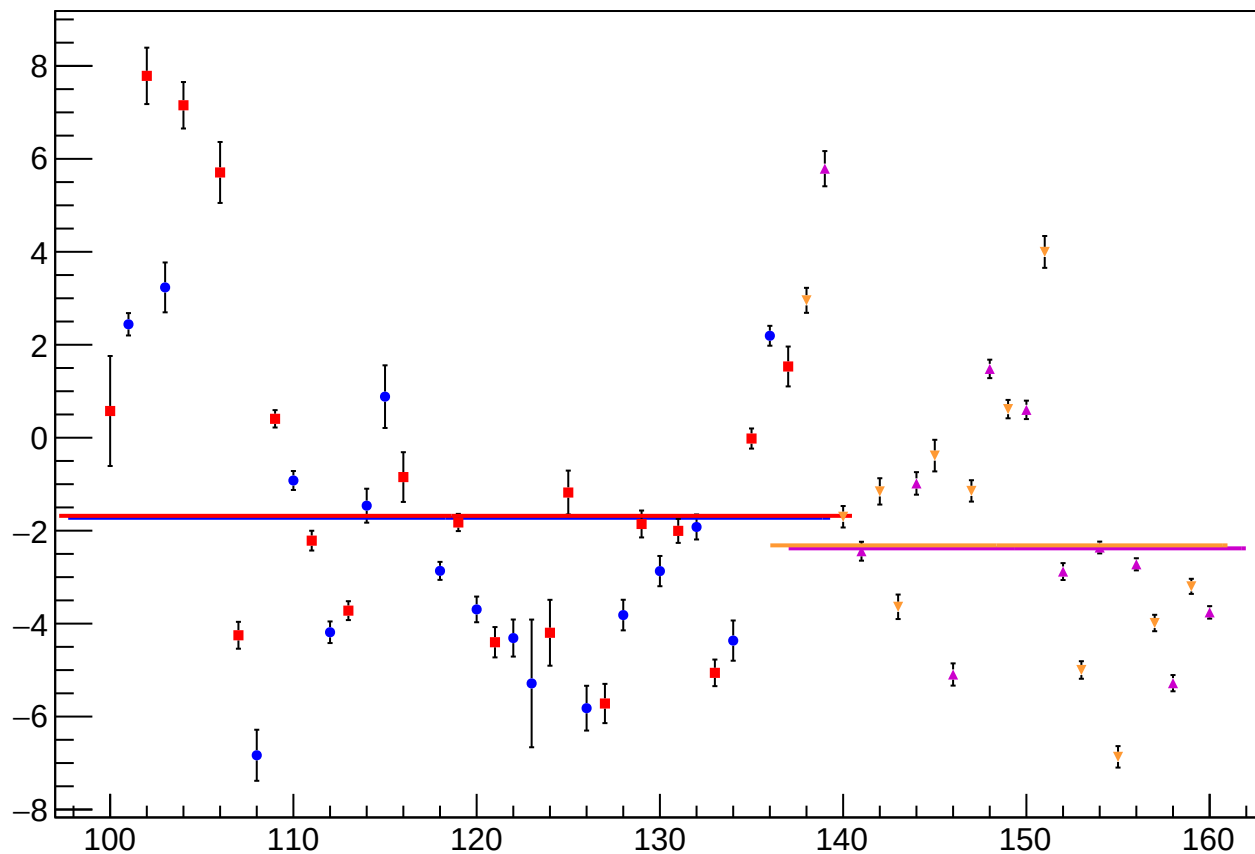
Right Out: -2.623 ± 0.103 $\chi^2/\text{NDF}: 841.3/18$

Left In: 17.925 ± 0.064 $\chi^2/\text{NDF}: 33517.2/10$

15.415 ± 0.064 $\chi^2/\text{NDF}: 79740.1/28$

12.270 ± 0.054 $\chi^2/\text{NDF}: 63060.8/29$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722 ± 0.073 χ^2/NDF : 1247.6/16

Left Out: -2.316 ± 0.065 χ^2/NDF : 1759.1/11

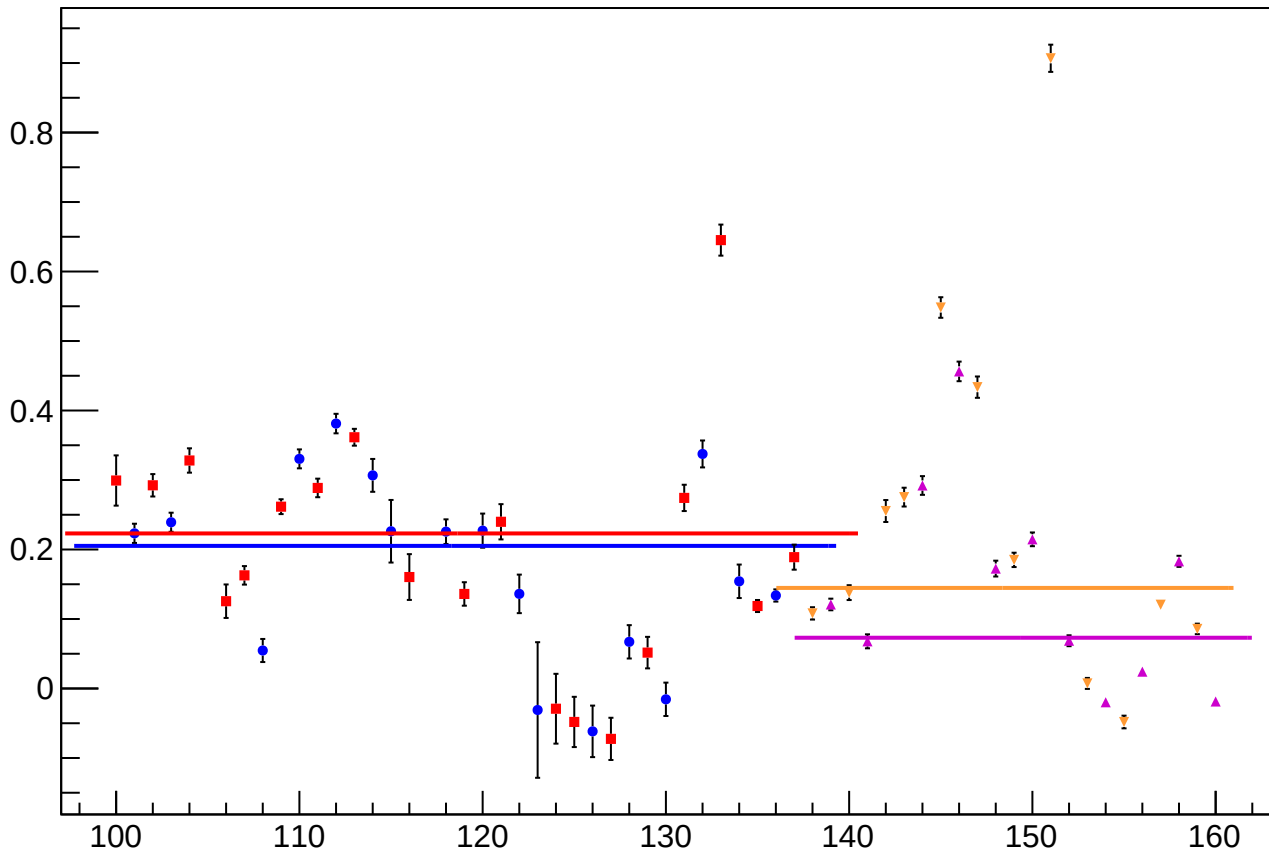
Right Out: -1.681 ± 0.068 χ^2/NDF : 1431.0/18

Left In: -2.380 ± 0.053 χ^2/NDF : 1627.0/10

-2.055 ± 0.049 χ^2/NDF : 3043.7/28

-2.116 ± 0.042 χ^2/NDF : 3123.9/29

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 650.7/16

Left Out: 0.145 $\pm$ 0.003 χ^2 /NDF:3609.5/11

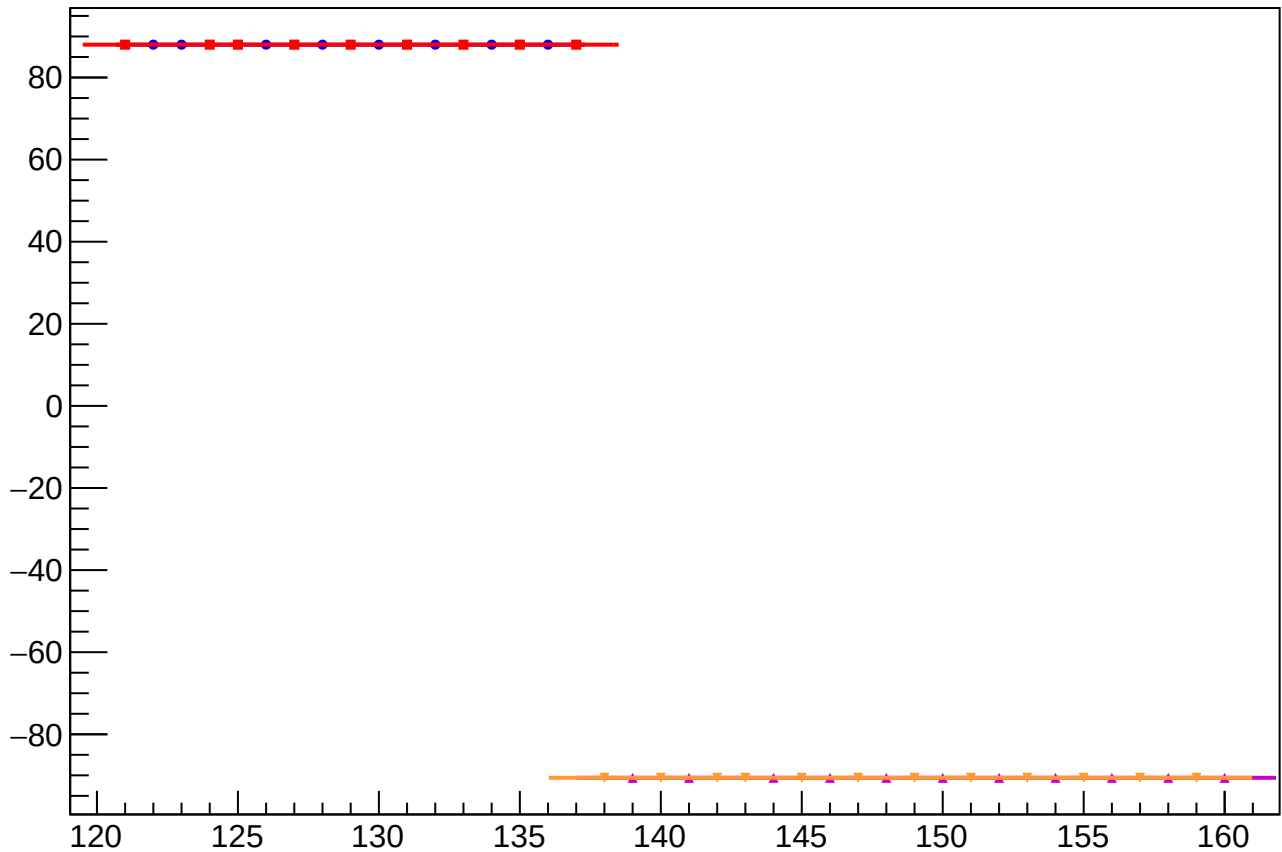
Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1040.5/18

Left In: 0.073 $\pm$ 0.002 χ^2 /NDF:2131.3/10

0.164 $\pm$ 0.002 χ^2 /NDF: 4397.4/28

0.113 $\pm$ 0.002 χ^2 /NDF: 4290.8/29

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 714089.5/7

Left Out: -90.599+/-0.000 χ^2/NDF : 3719687.4/11

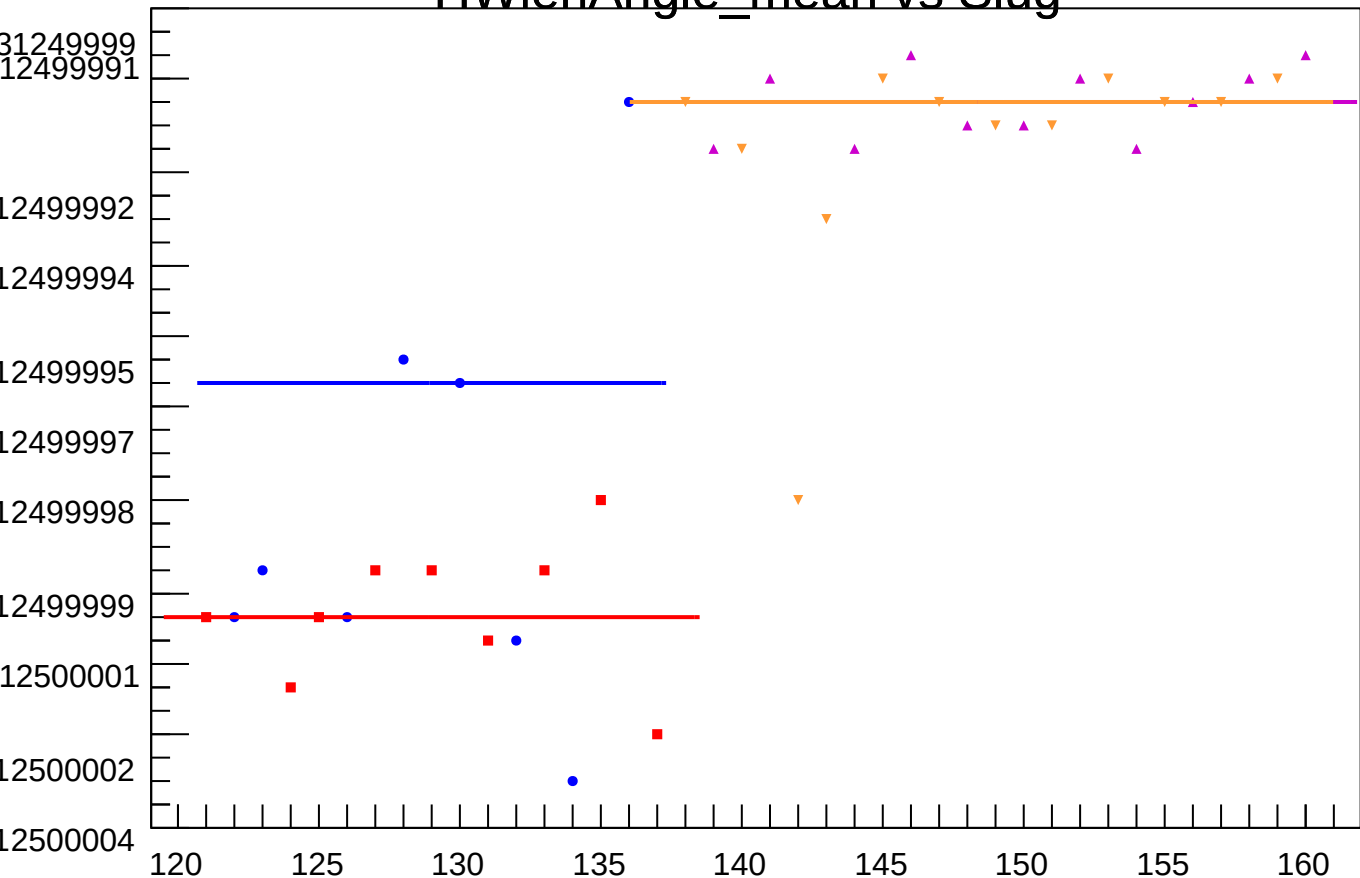
Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: -90.599+/-0.000 χ^2/NDF : 579793.8/10

-42.352+/-0.000 χ^2/NDF : 79620936363980950

-44.984+/-0.000 χ^2/NDF : 75765955109687618

HWienAngle_mean vs Slug



Right In: -29.641+/-0.000 χ^2/NDF : 405045.4/7

Left Out: -29.641+/-0.000 χ^2/NDF :198300.7/11

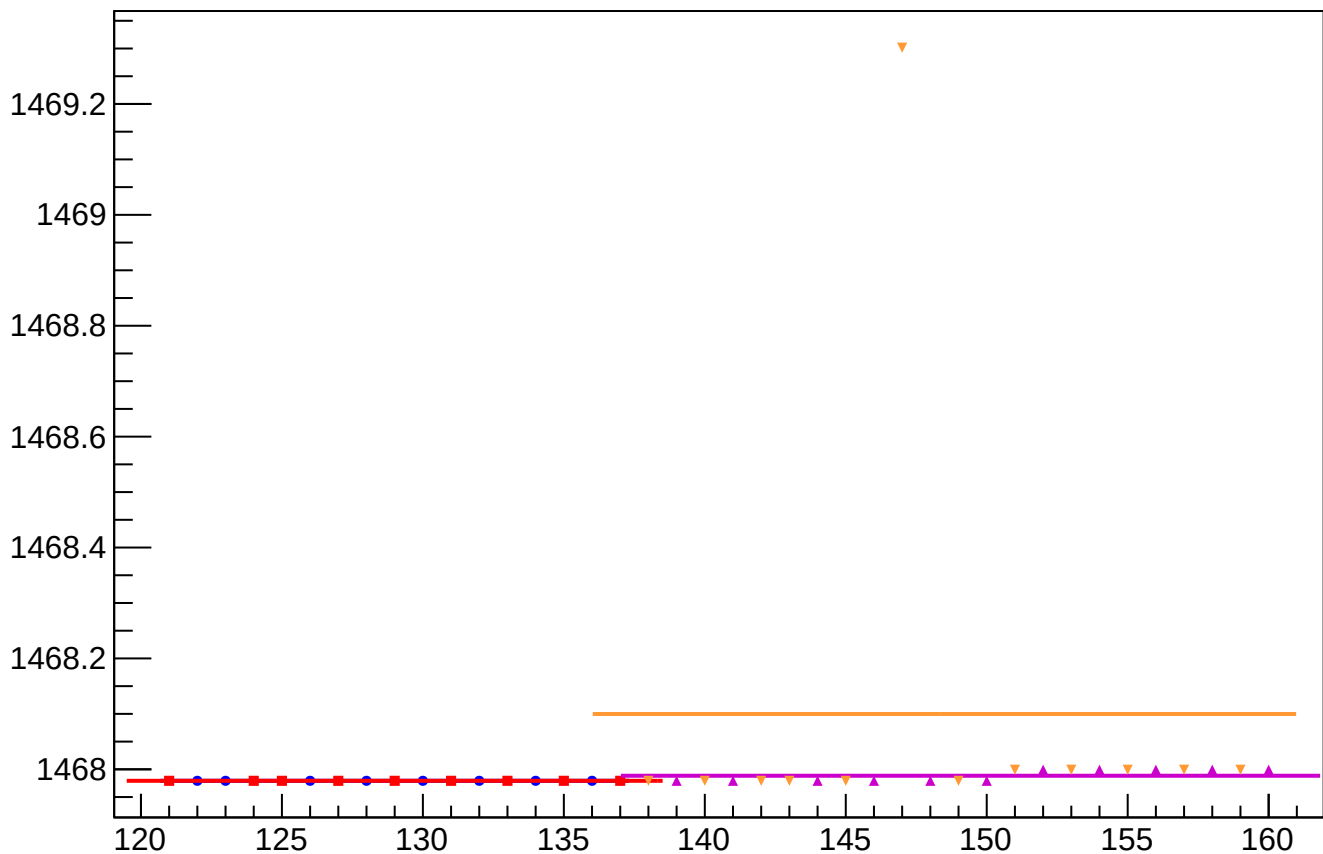
Right Out: -29.641+/-0.000 χ^2/NDF : 29358.2/8

Left In: -29.641+/-0.000 χ^2/NDF :26556.2/10

-29.641+/-0.000 χ^2/NDF : 1090369.9/19

-29.641+/-0.000 χ^2/NDF : 1549322.8/19

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000 χ^2/NDF : 436234375.5/7

Left Out: 1468.100+/-0.000 χ^2/NDF : 123122523995989357945833520103424.0/11

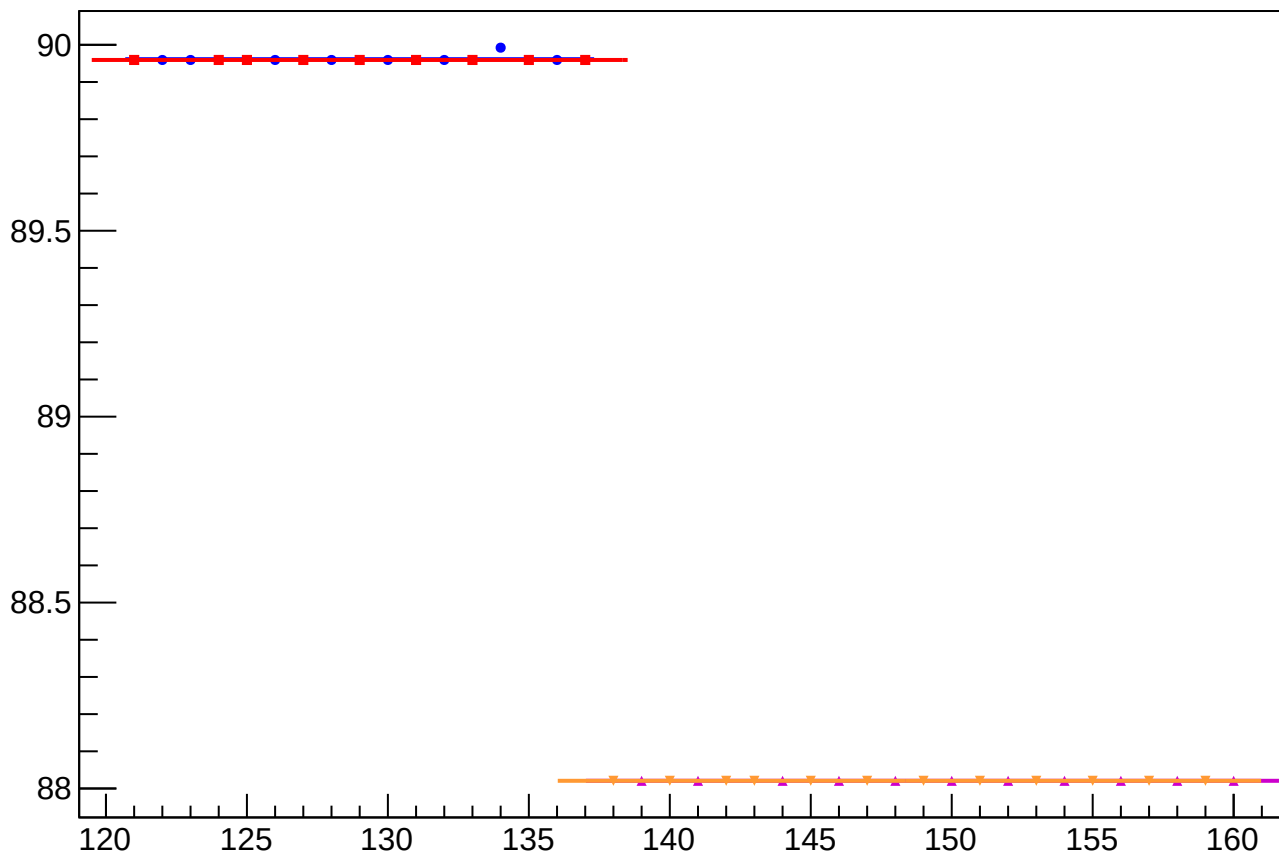
Right Out: 1467.979+/-0.000 χ^2/NDF : 83183350.3/8

Left In: 1467.988+/-0.000 χ^2/NDF : 92276989220126965117944332288.0/10

1468.067+/-0.000 χ^2/NDF : 1267437521144201

1467.986+/-0.000 χ^2/NDF : 1120256204543387

Phi_FG_mean vs Slug



Right In: 89.961+/-0.000 χ^2/NDF : 21528640598708602874349223936.0/7

Left Out: 88.021+/-0.000 χ^2/NDF : 3066788.3/11

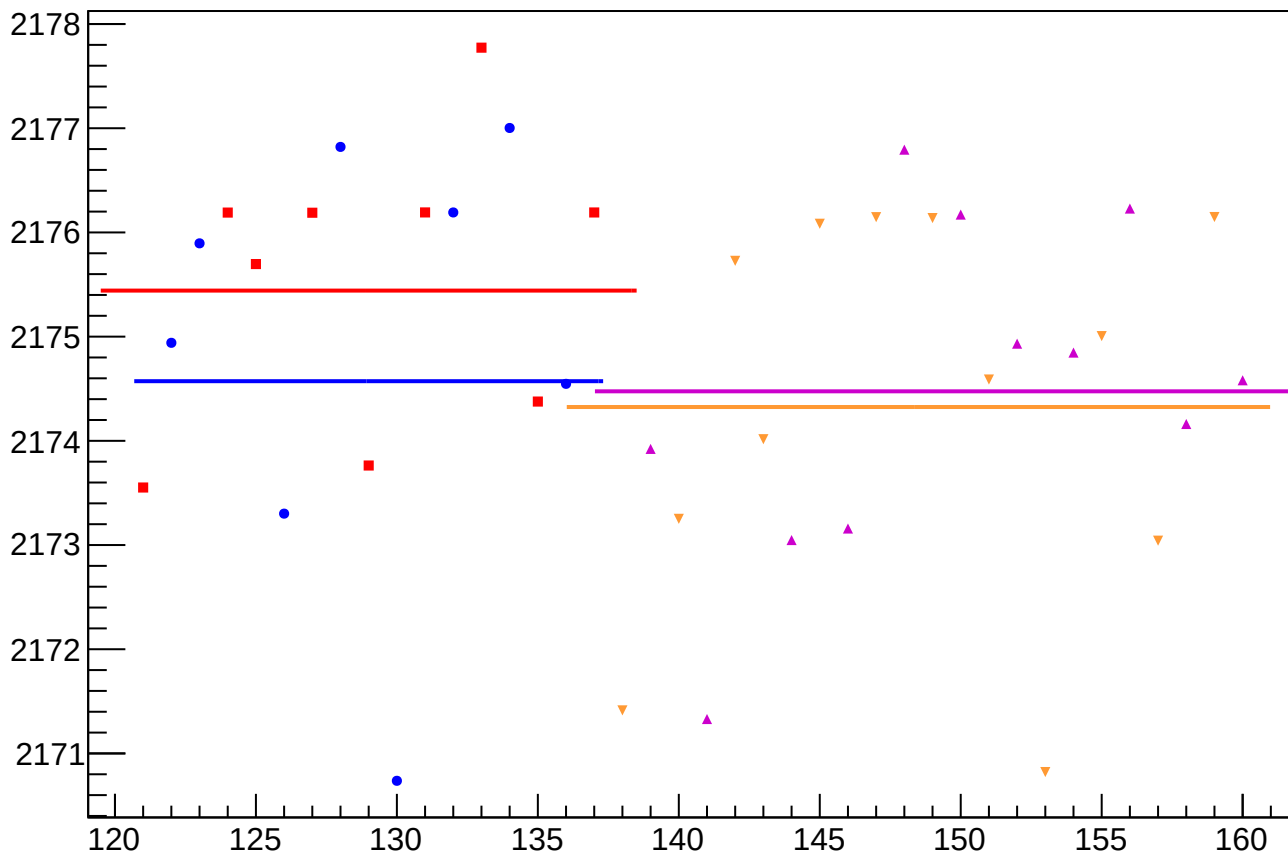
Right Out: 89.959+/-0.000 χ^2/NDF : 331397.3/8

Left In: 88.021+/-0.000 χ^2/NDF : 507698.3/10

88.545+/-0.000 χ^2/NDF : 940062441015721014

88.516+/-0.000 χ^2/NDF : 89265740031156603

HALLA_p_mean vs Slug



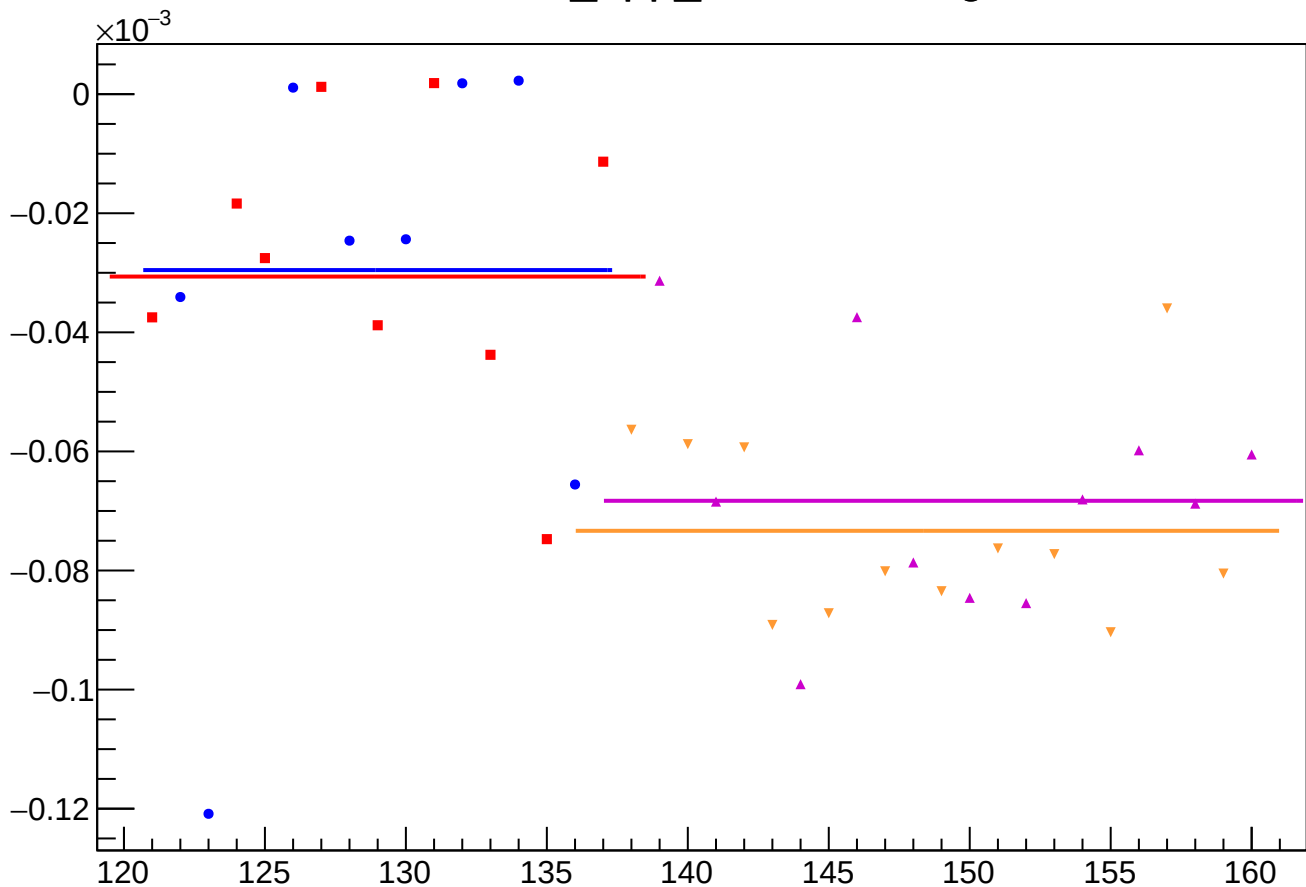
Right In: 2174.572 $\pm$ 0.000 χ^2 /NDF: 1360264074026849381407550448074752.0/7

Left Out: 2174.325 $\pm$ 0.000 χ^2 /NDF: 3143019833291741745158110849269760.0/11

Right Out: 2175.442 $\pm$ 0.000 χ^2 /NDF: 610778445075790556034346524868608.0/8

Left In: 2174.475 $\pm$ 0.000 χ^2 /NDF: 2187961060873534678742783926206464.0/10

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 250161267307815387529216.0/7

Left Out: -0.000+/-0.000 χ^2/NDF : 233286793390563920969728.0/11

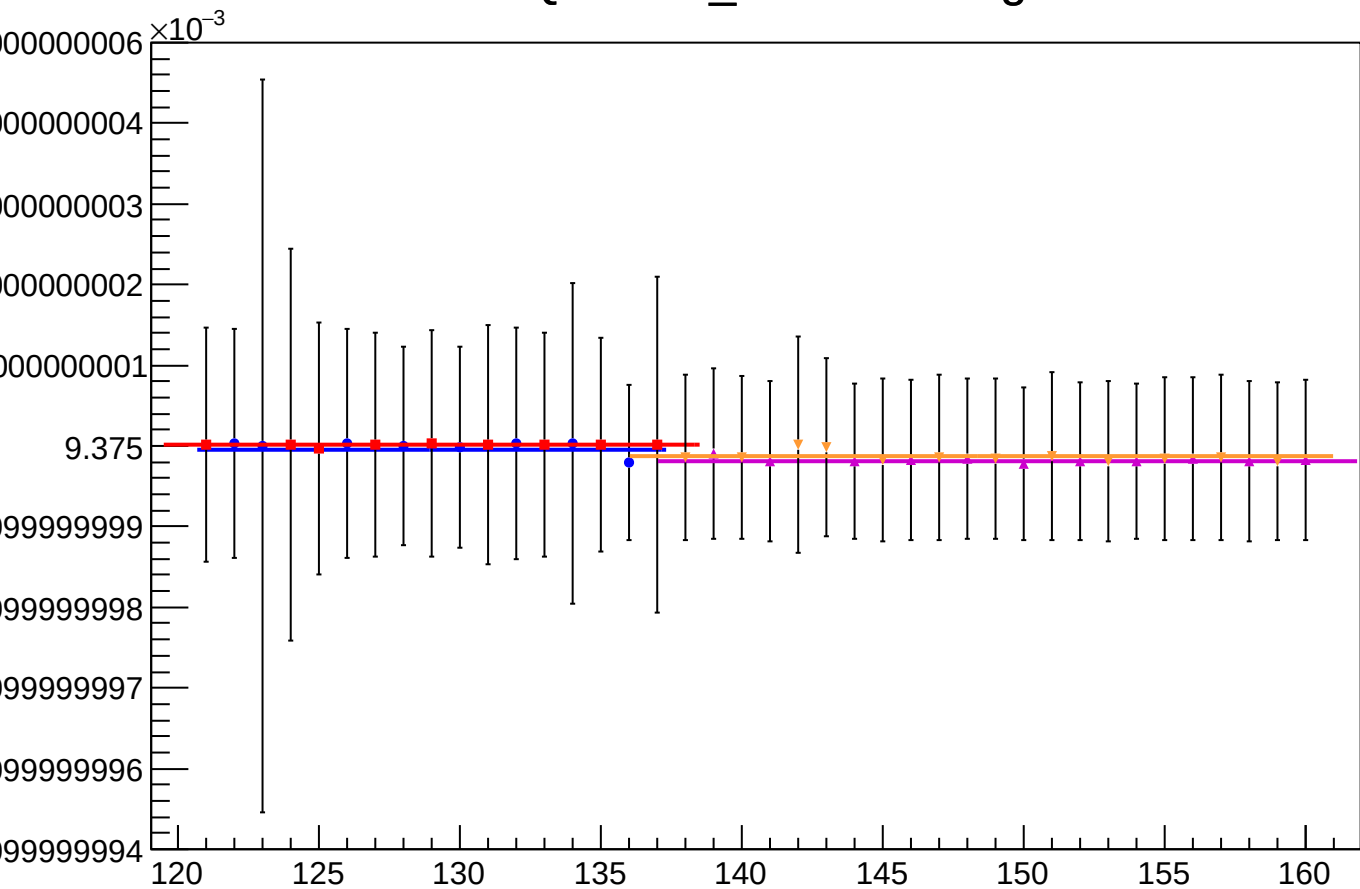
Right Out: -0.000+/-0.000 χ^2/NDF : 196732771178766734983168.0/8

Left In: -0.000+/-0.000 χ^2/NDF : 334112562315738610663424.0/10

-0.000+/-0.000 χ^2/NDF : 962072274271148837

-0.000+/-0.000 χ^2/NDF : 867709270158342002

MQ171LM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/11

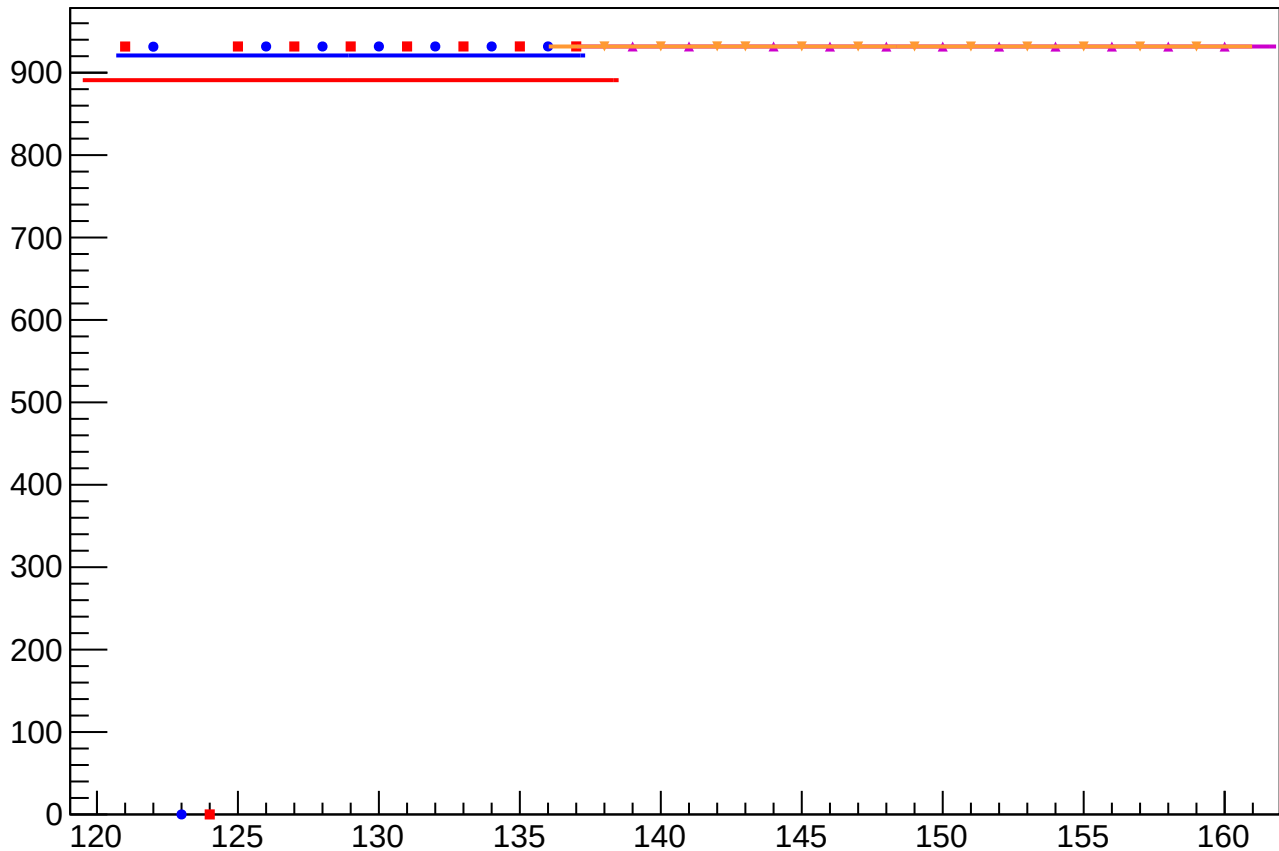
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/19

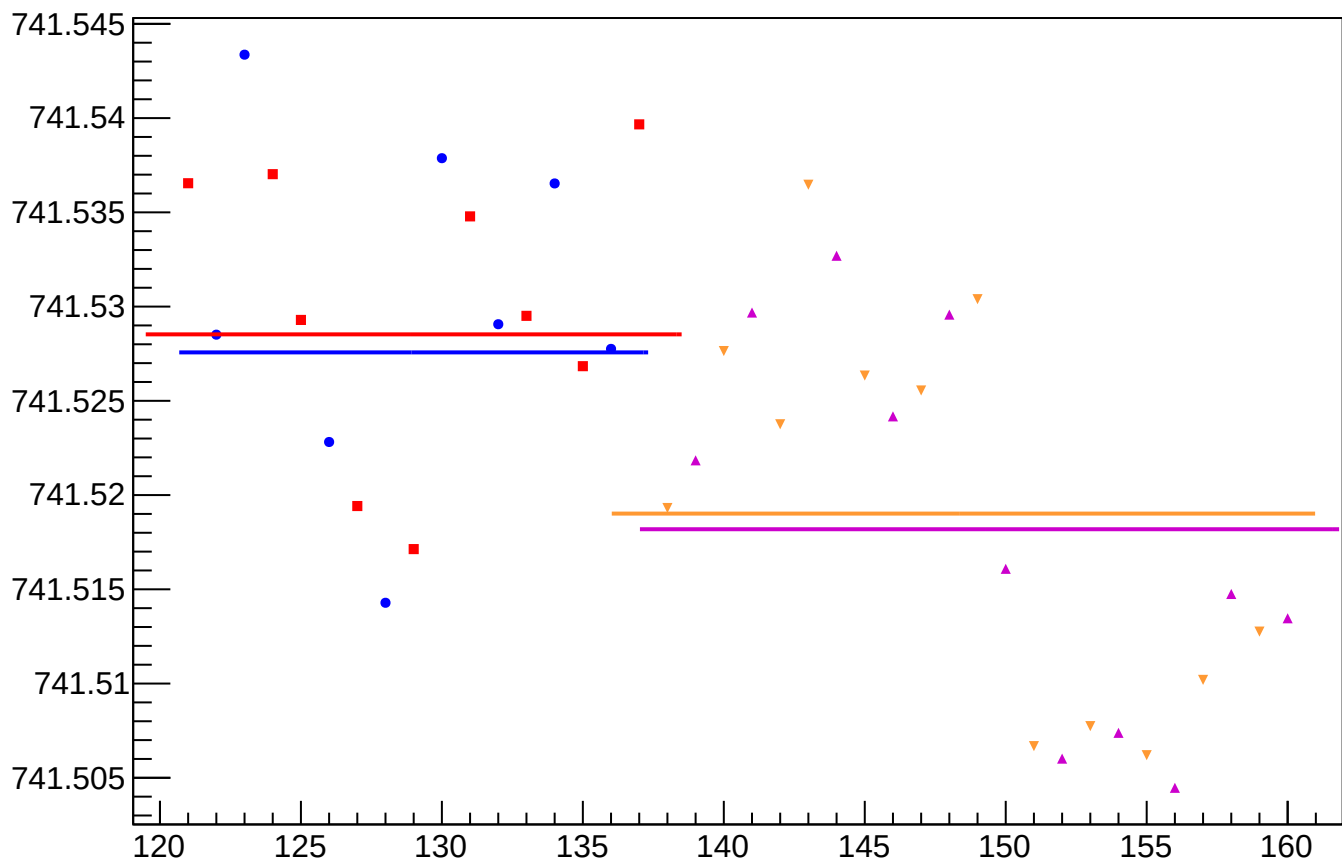
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/19

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898 $\pm$ 0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7
Left Out: 931.786 $\pm$ 0.000 χ^2/NDF : 3813823656937081946918271057920.0/11
Right Out: 890.923 $\pm$ 0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
Left In: 931.772 $\pm$ 0.000 χ^2/NDF : 3336116020994260383725726466048.0/10

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18896144326732419810052800512.0/7

Left Out: 741.519 $\pm$ 0.000 χ^2 /NDF: 91310701472617275213771440128.0/11

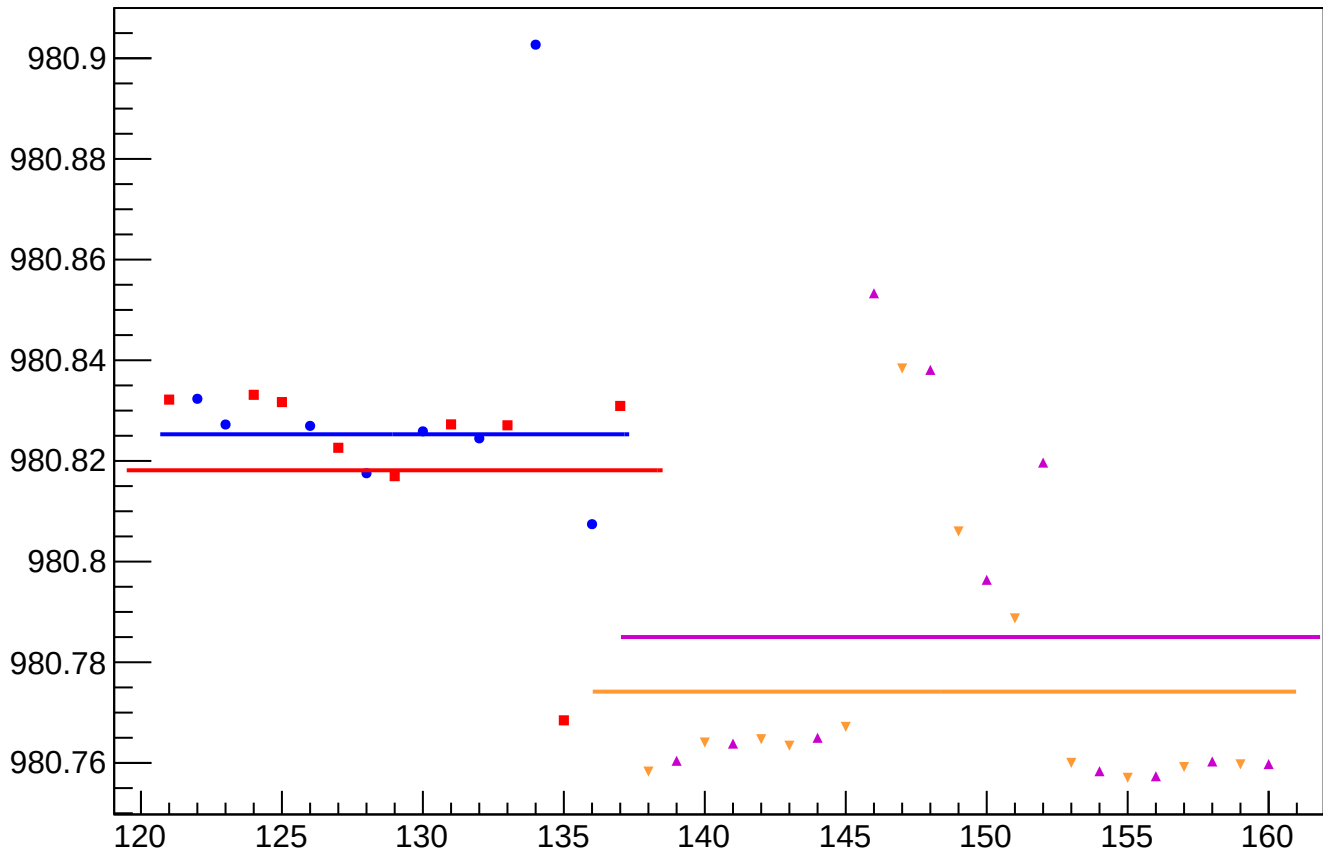
Right Out: 741.529 $\pm$ 0.000 χ^2 /NDF: 16580353917842624420385914880.0/8

Left In: 741.518 $\pm$ 0.000 χ^2 /NDF: 86406261515950598750822465536.0/10

741.521 $\pm$ 0.000 χ^2 /NDF: 12846435490272869

741.521 $\pm$ 0.000 χ^2 /NDF: 12837764954757365

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825 $\pm$ 0.000 χ^2/NDF : 159345321268745350954763681792.0/7

Left Out: 980.774 $\pm$ 0.000 χ^2/NDF : 543209948843266291248744366080.0/11

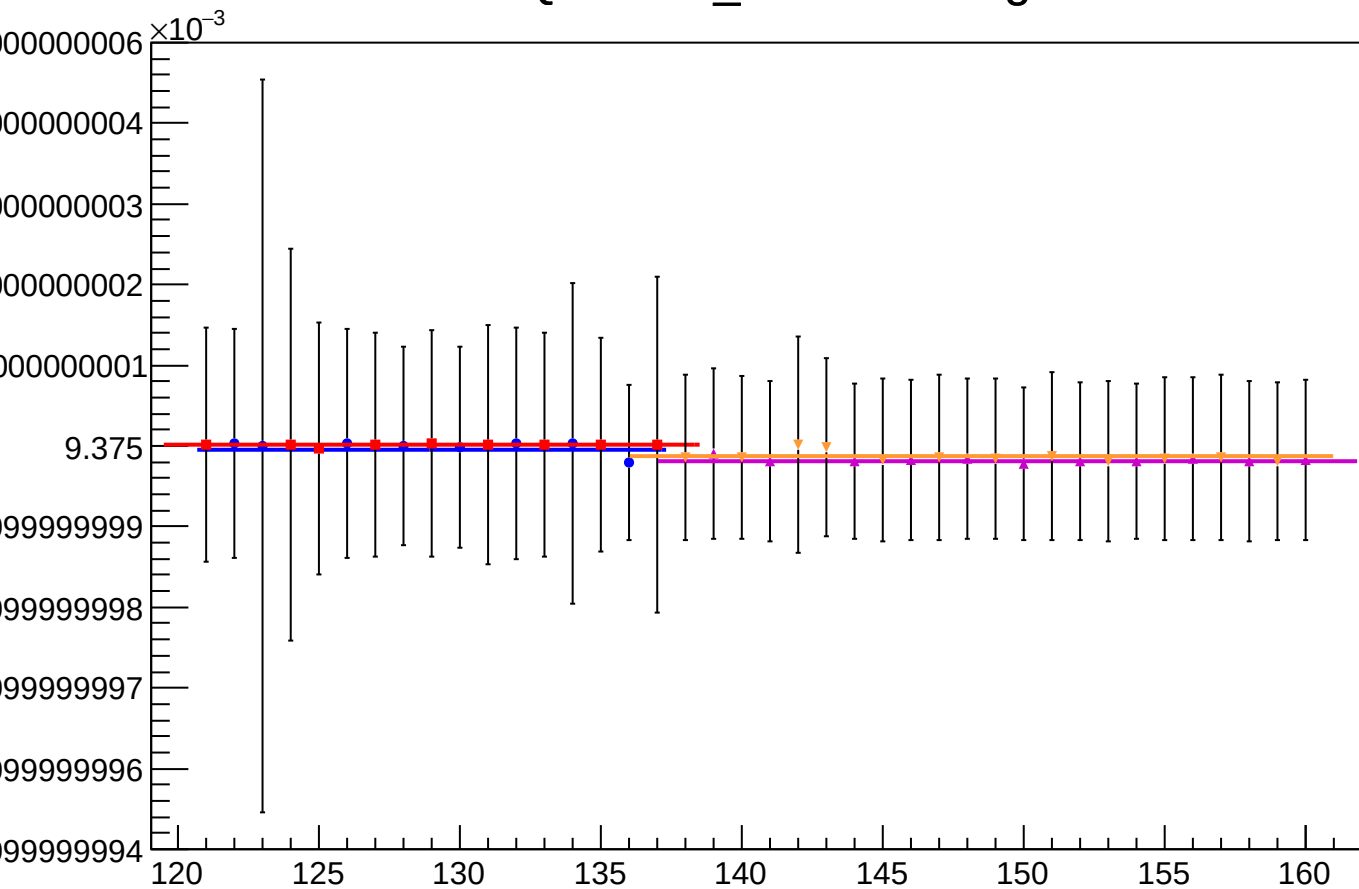
Right Out: 980.818 $\pm$ 0.000 χ^2/NDF : 143689912167528137563261894656.0/8

Left In: 980.785 $\pm$ 0.000 χ^2/NDF : 1087775745028858896175278850048.0/10

980.788 $\pm$ 0.000 χ^2/NDF : 13550937589055703

980.793 $\pm$ 0.000 χ^2/NDF : 14921920738253615

MQ172RM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/11

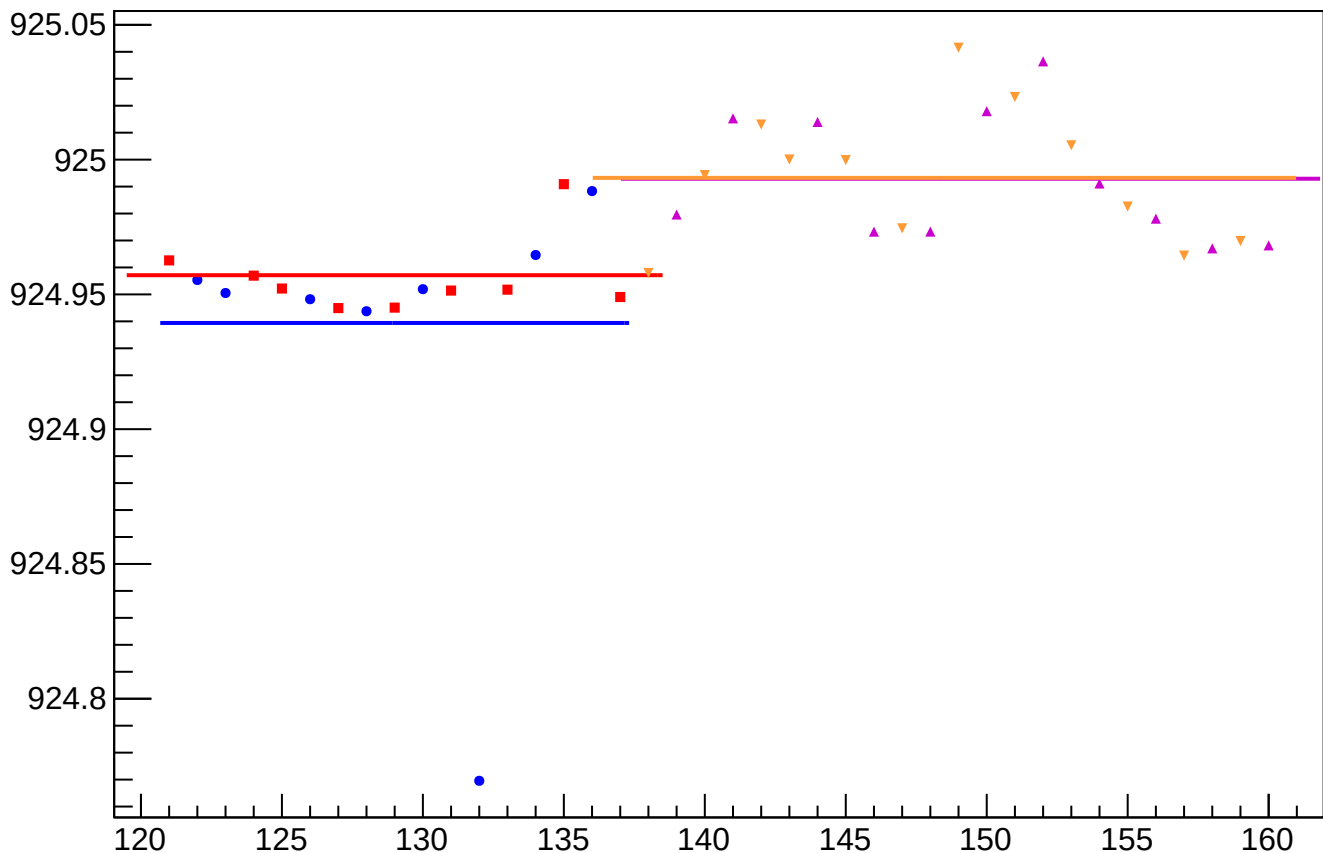
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/10

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/19

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/19

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939 $\pm$ 0.000 χ^2 /NDF: 1401458495809517406218388242432.0/7

Left Out: 924.993 $\pm$ 0.000 χ^2 /NDF: 549443129840138855100528459776.0/11

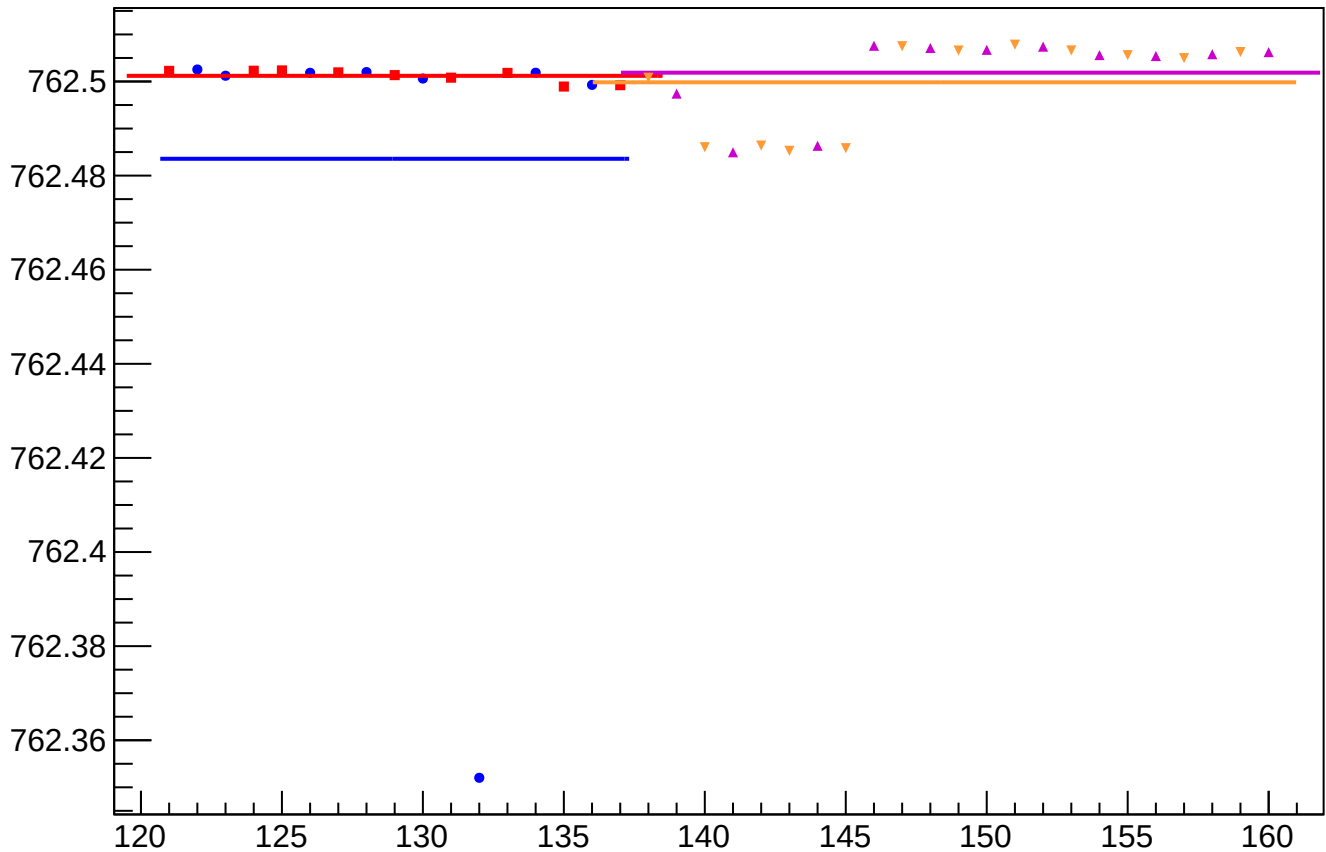
Right Out: 924.957 $\pm$ 0.000 χ^2 /NDF: 71808709366506786060310151168.0/8

Left In: 924.993 $\pm$ 0.000 χ^2 /NDF: 506919503918362546976086556672.0/10

924.979 $\pm$ 0.000 χ^2 /NDF: 26741243866187667

924.984 $\pm$ 0.000 χ^2 /NDF: 88296251515735887

HacR_D1_HP3458A_IOUT_mean vs Slug



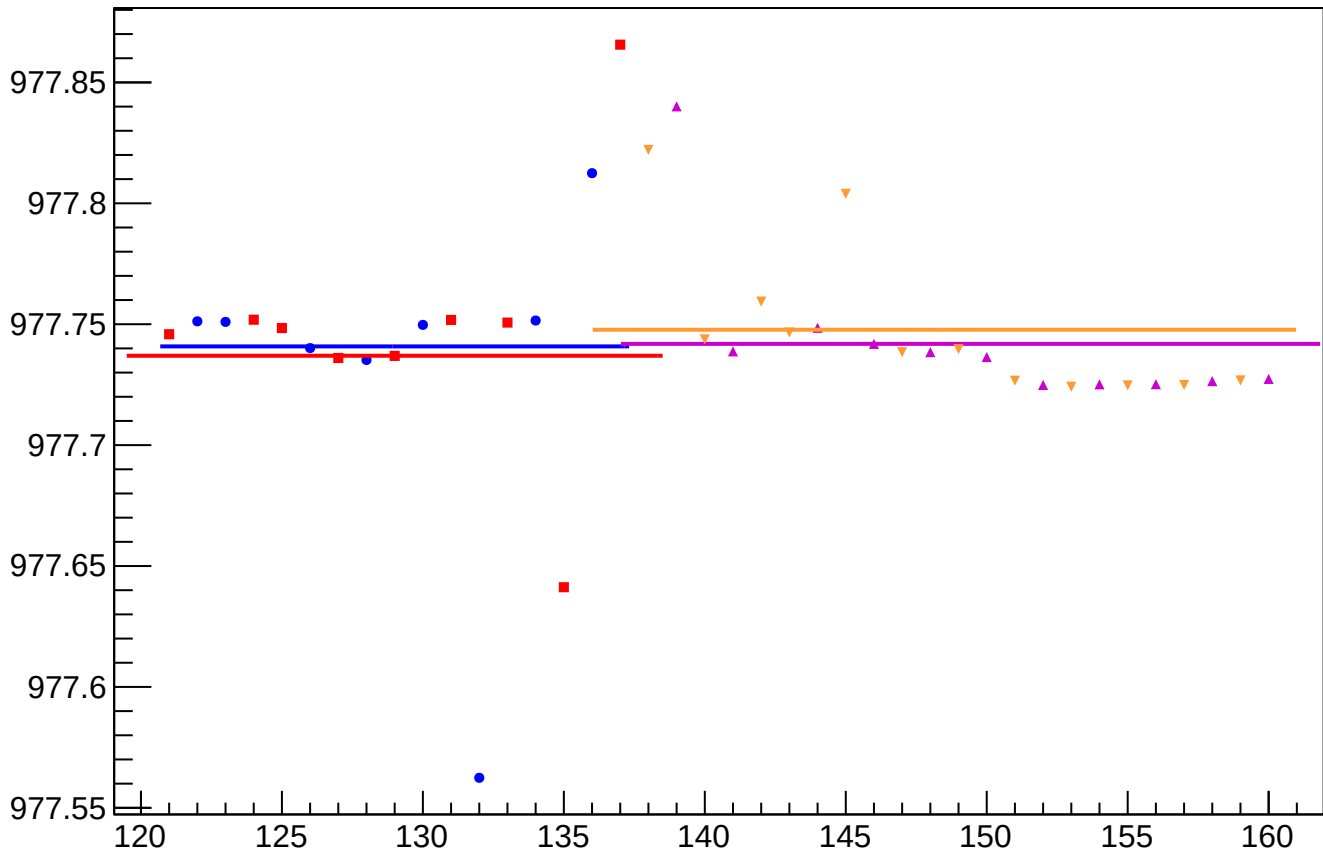
Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.500+/-0.000 χ^2/NDF : 79688451514806626221874479104.0/11

Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.502+/-0.000 χ^2/NDF : 62257991630181893971424313344.0/10

HacR_Q3_HP3458A_IOUT_mean vs Slug



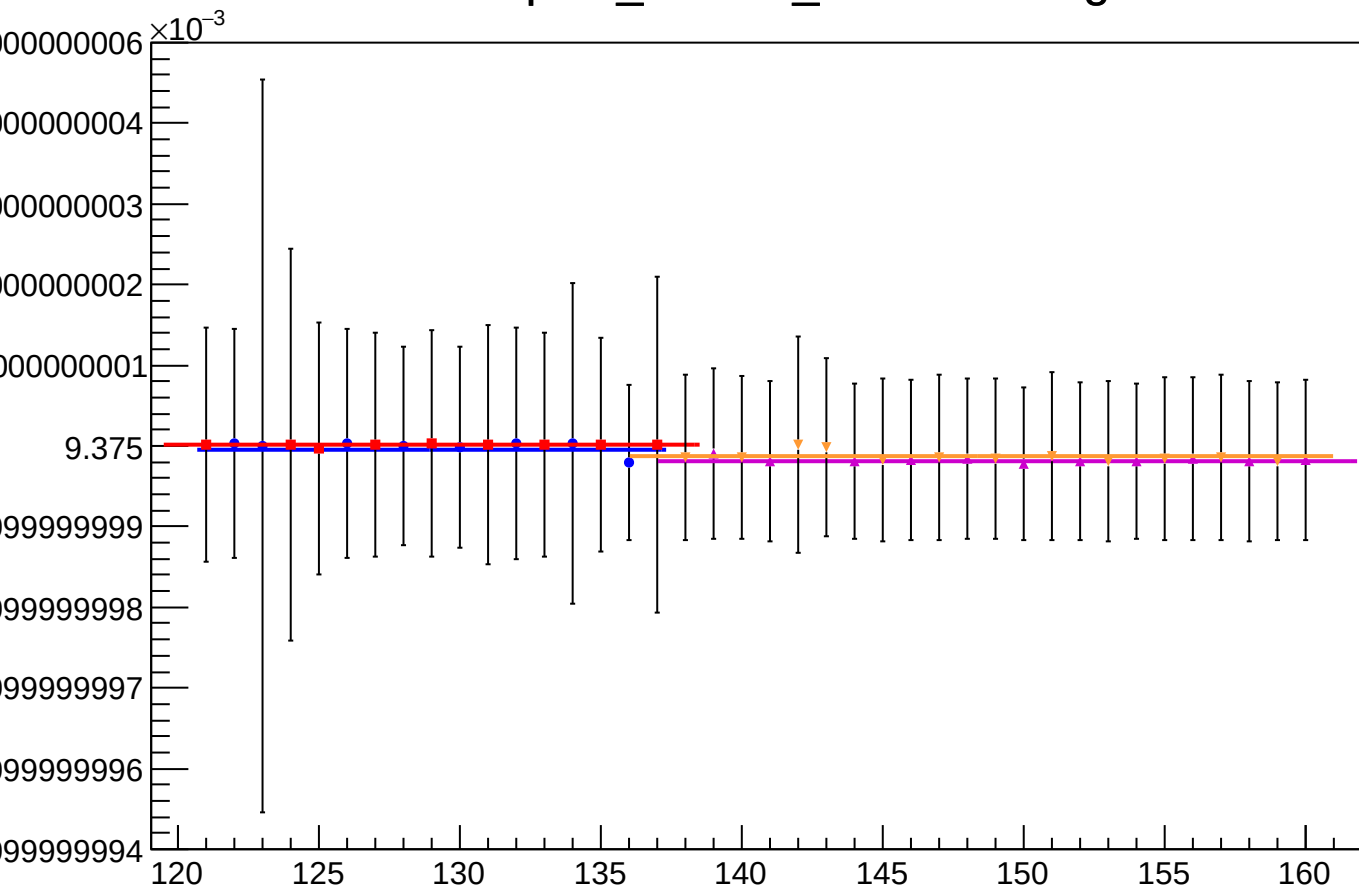
Right In: 977.741 $\pm$ 0.000 χ^2 /NDF: 1738104571804792841781326643200.0/7

Left Out: 977.748 $\pm$ 0.000 χ^2 /NDF: 910243424253634517896863416320.0/11

Right Out: 977.737 $\pm$ 0.000 χ^2 /NDF: 772313054358211830610902646784.0/8

Left In: 977.742 $\pm$ 0.000 χ^2 /NDF: 832245318048187459212006129664.0/10

hesDipole_current_mean vs Slug



Right In: 0.009 ± 0.000 χ^2/NDF : 0.0/7

Left Out: 0.009 ± 0.000 χ^2/NDF : 0.0/11

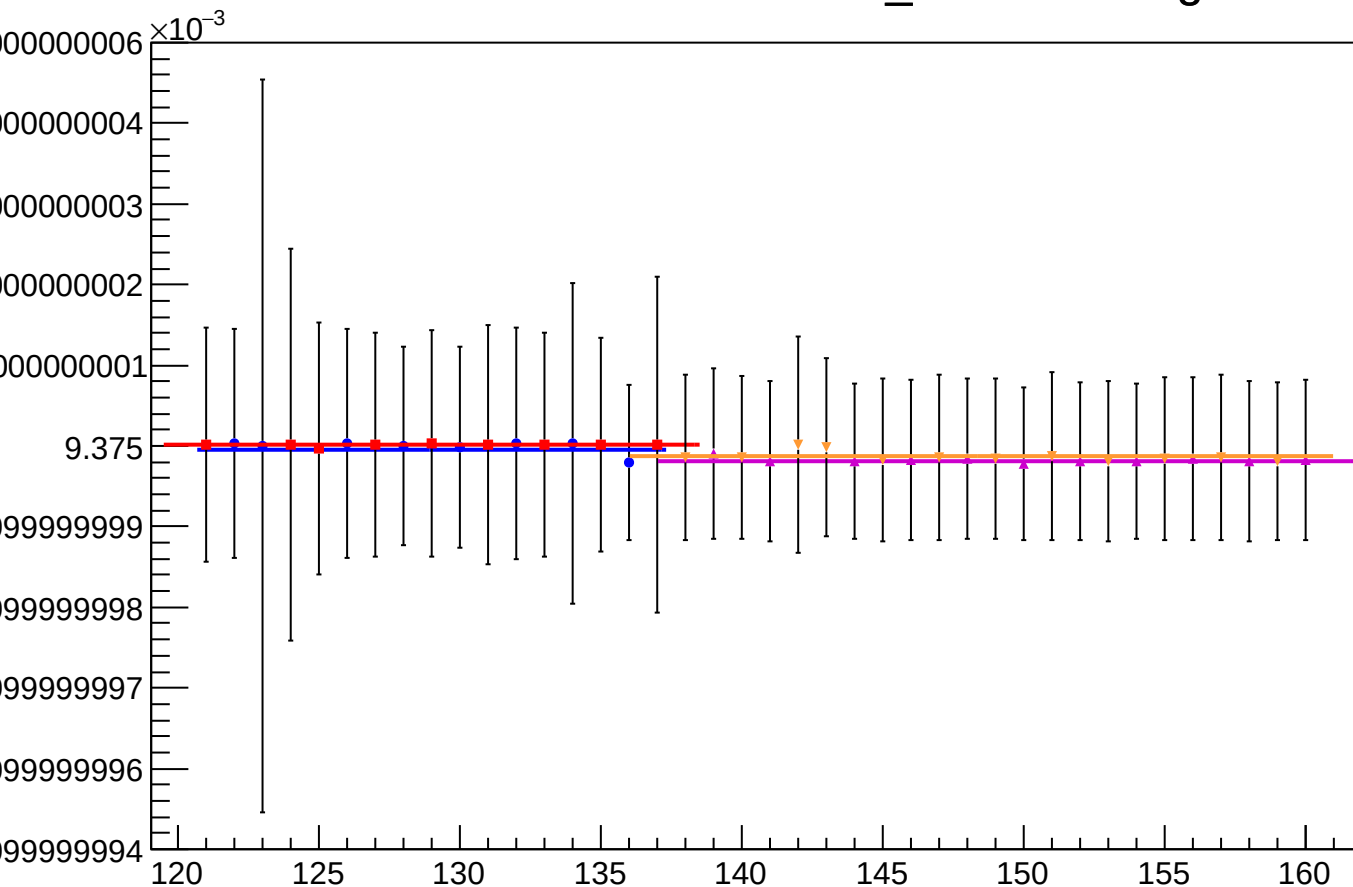
Right Out: 0.009 ± 0.000 χ^2/NDF : 0.0/8

Left In: 0.009 ± 0.000 χ^2/NDF : 0.0/10

0.009 ± 0.000 χ^2/NDF : 0.1/19

0.009 ± 0.000 χ^2/NDF : 0.1/19

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/11

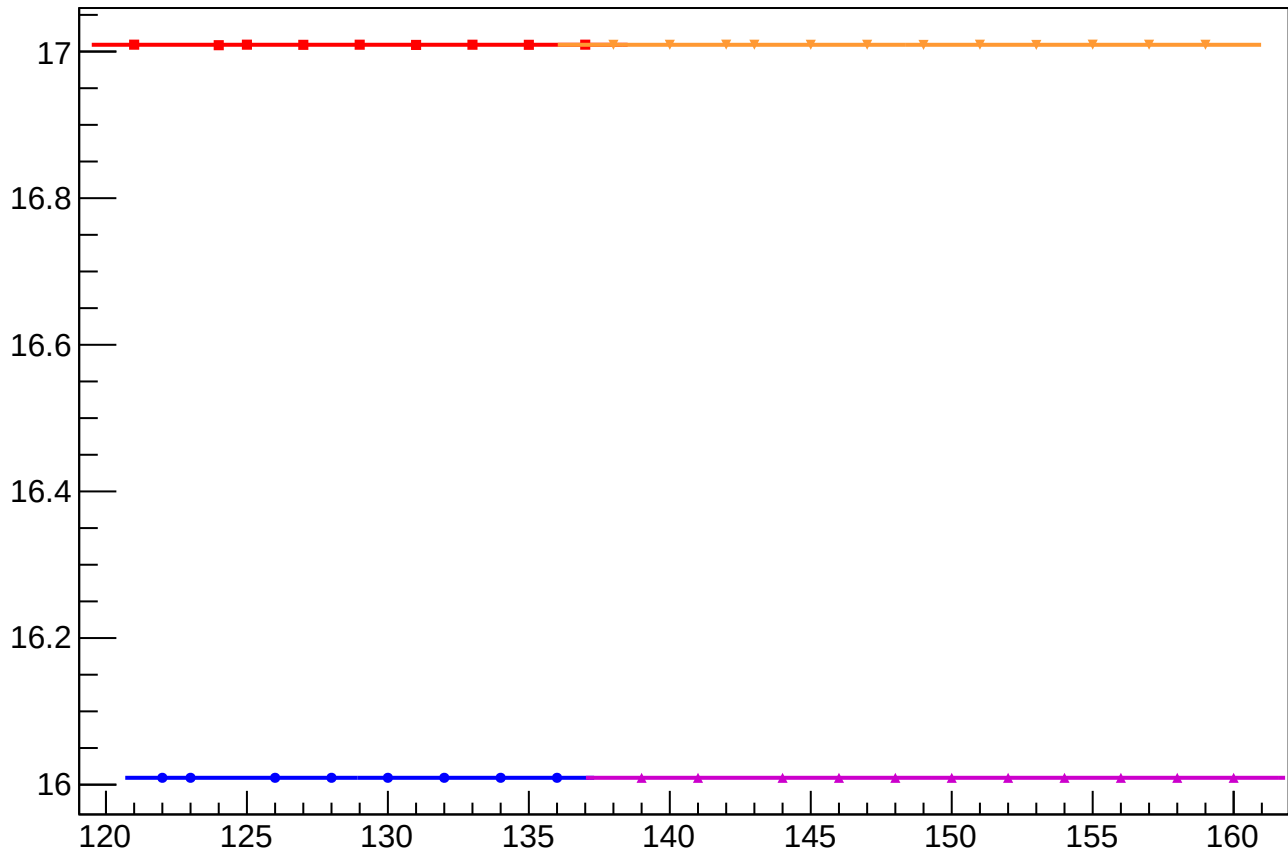
Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.009+/-0.000 χ^2/NDF : 0.0/10

0.009+/-0.000 χ^2/NDF : 0.1/19

0.009+/-0.000 χ^2/NDF : 0.1/19

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 30506.8/7

Left Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 10208307372129150314741760.0/11

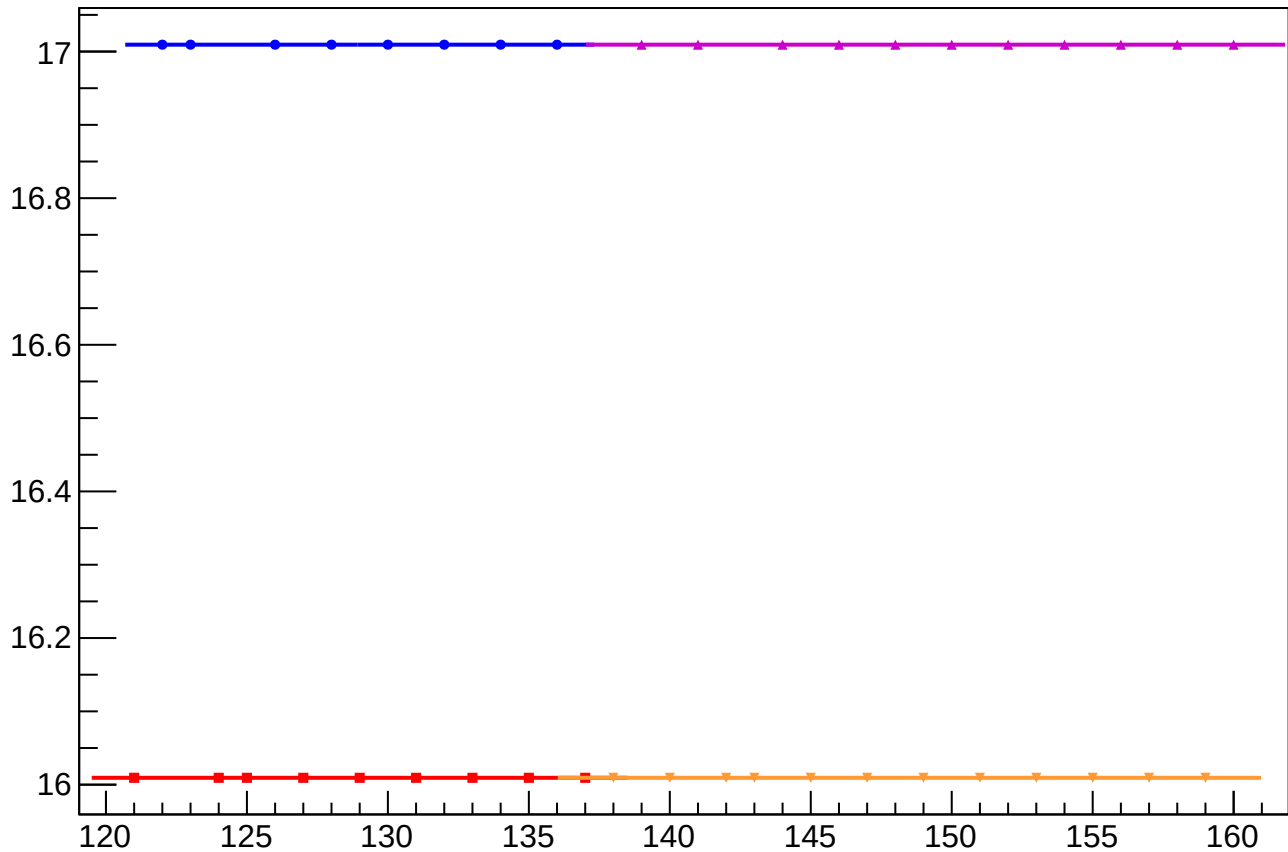
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 8333578329558812540796928.0/8

Left In: 16.009 $\pm$ 0.000 χ^2 /NDF: 32551.6/10

16.733 $\pm$ 0.000 χ^2 /NDF: 228489529718113967

16.267 $\pm$ 0.000 χ^2 /NDF: 224253121421627168

IGL1I00OD16_16_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 76109.3/7

Left Out: 16.009 $\pm$ 0.000 χ^2/NDF : 39821.7/11

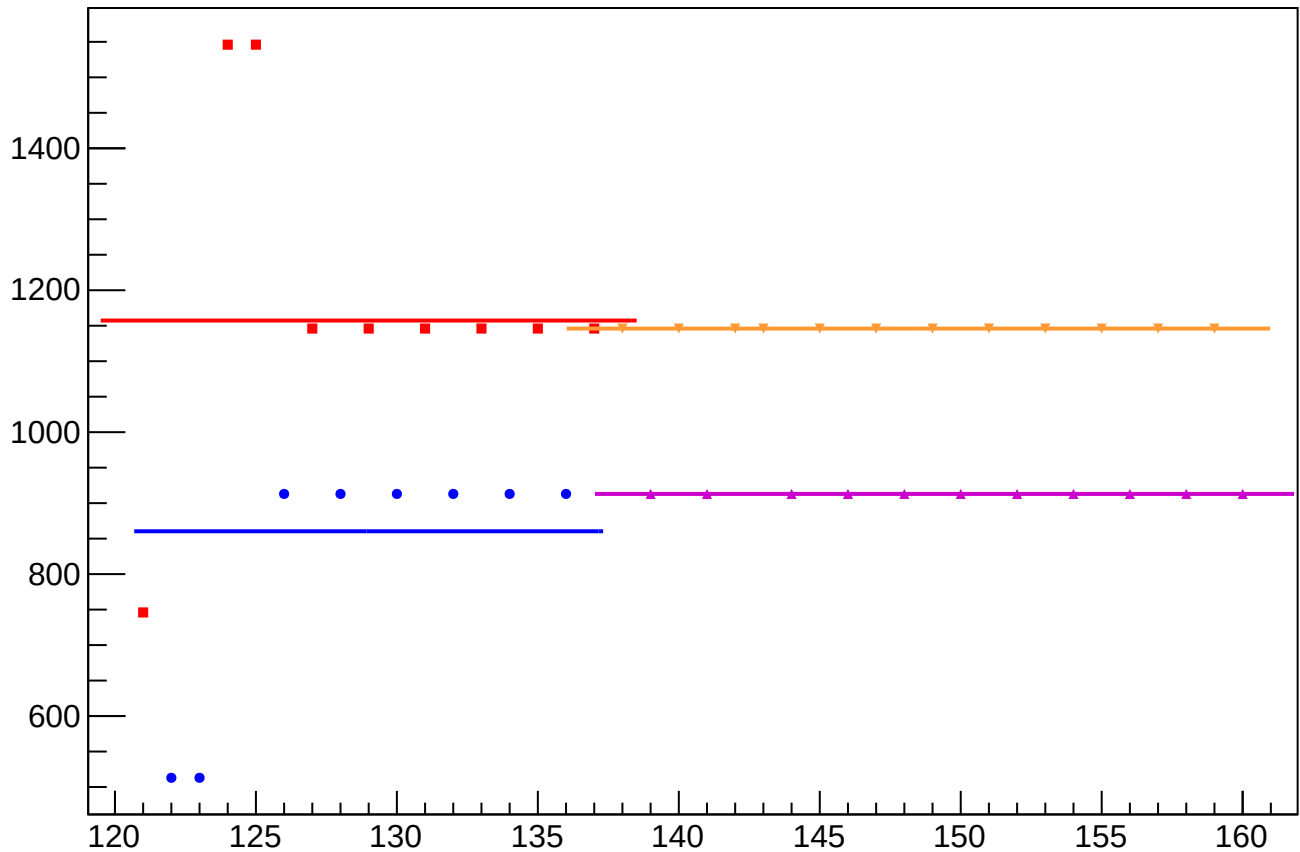
Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 17859.8/8

Left In: 17.009 $\pm$ 0.000 χ^2/NDF : 16963.7/10

16.281 $\pm$ 0.000 χ^2/NDF : 249023847376784318

16.751 $\pm$ 0.000 χ^2/NDF : 236735650767964833

RTPAPOSUCNT_mean vs Slug



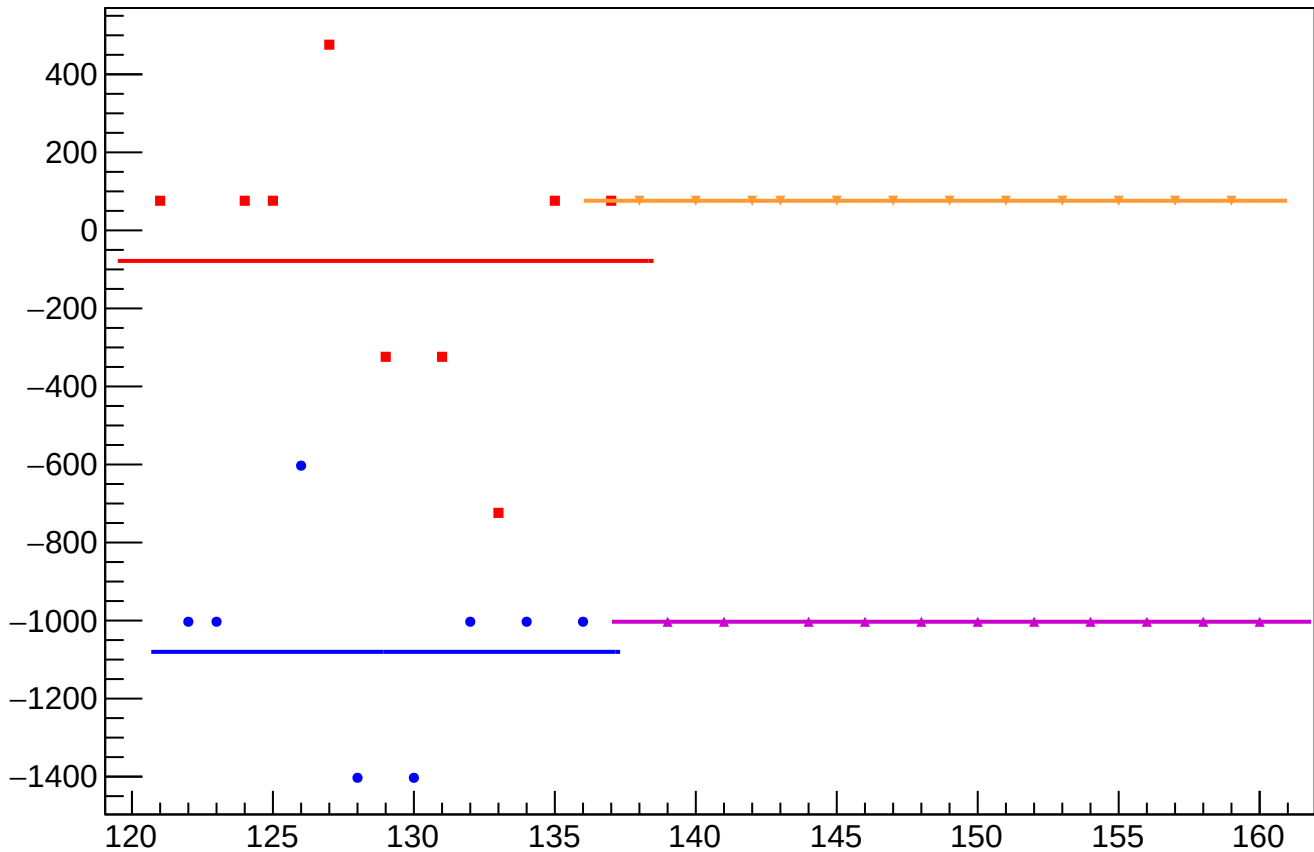
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 2664672947345146801672945664.0/11

Right Out: 1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

Left In: 912.994+/-0.000 χ^2/NDF : 11064351150695452552636399616.0/10

RTPAPOSVCNT_mean vs Slug



Right In: -1080.182 ± 0.000 χ^2/NDF : 21641787691490496475350584298794123264.0/7
 Left Out: 76.011 ± 0.000 χ^2/NDF : 4212185533395648511756730368.0/11
 Right Out: -78.224 ± 0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8
 Left In: -1002.990 ± 0.000 χ^2/NDF : 1257940675093186310492389376.0/10