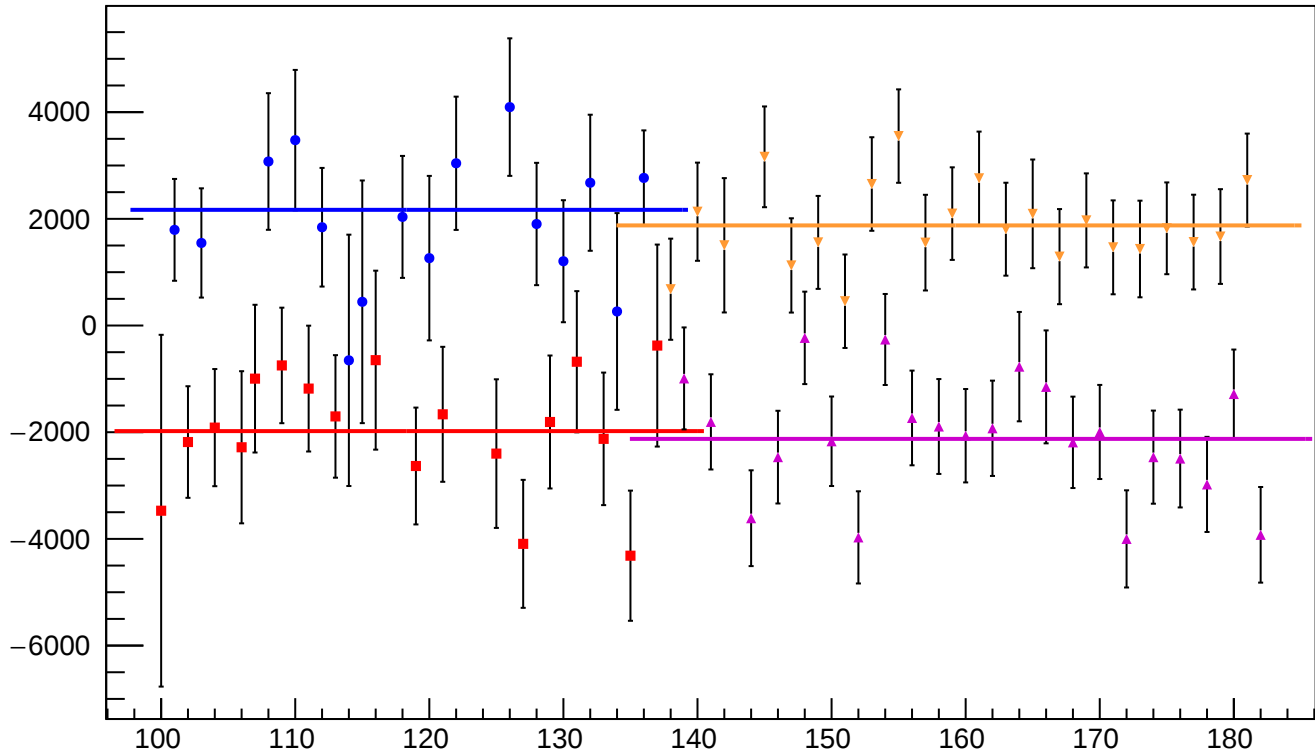


reg_asym_us_avg_mean vs Slug



Right In: 2168.910+/-308.001

χ^2/NDF : 9.6/15

Left Out: 1876.800+/-192.579

χ^2/NDF : 14.8/21

Right Out: -1979.368+/-301.309

χ^2/NDF : 12.2/17

Left In: -2125.247+/-190.303

χ^2/NDF : 32.0/21

+ sign 1958.901+/-163.288

χ^2/NDF : 25.1/37

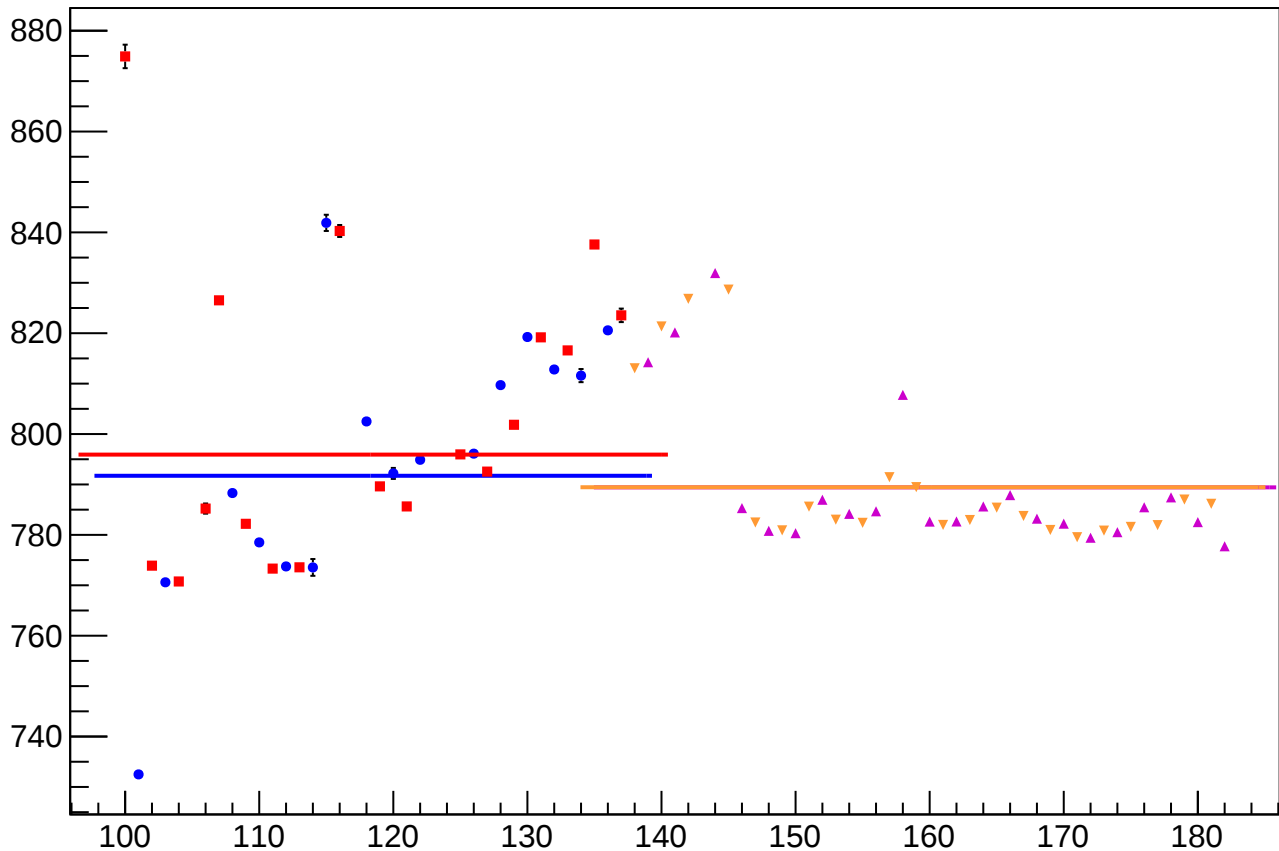
All: -92.169+/-114.608

χ^2/NDF : 380.5/77

- sign -2083.649+/-160.898

χ^2/NDF : 44.4/39

reg_asym_us_avg_rms vs Slug



Right In: 791.722 ± 0.218 $\chi^2/\text{NDF}: 15122.0/15$

Left Out: 789.448 ± 0.136 $\chi^2/\text{NDF}: 10793.9/21$

Right Out: 795.921 ± 0.213 $\chi^2/\text{NDF}: 11575.2/17$

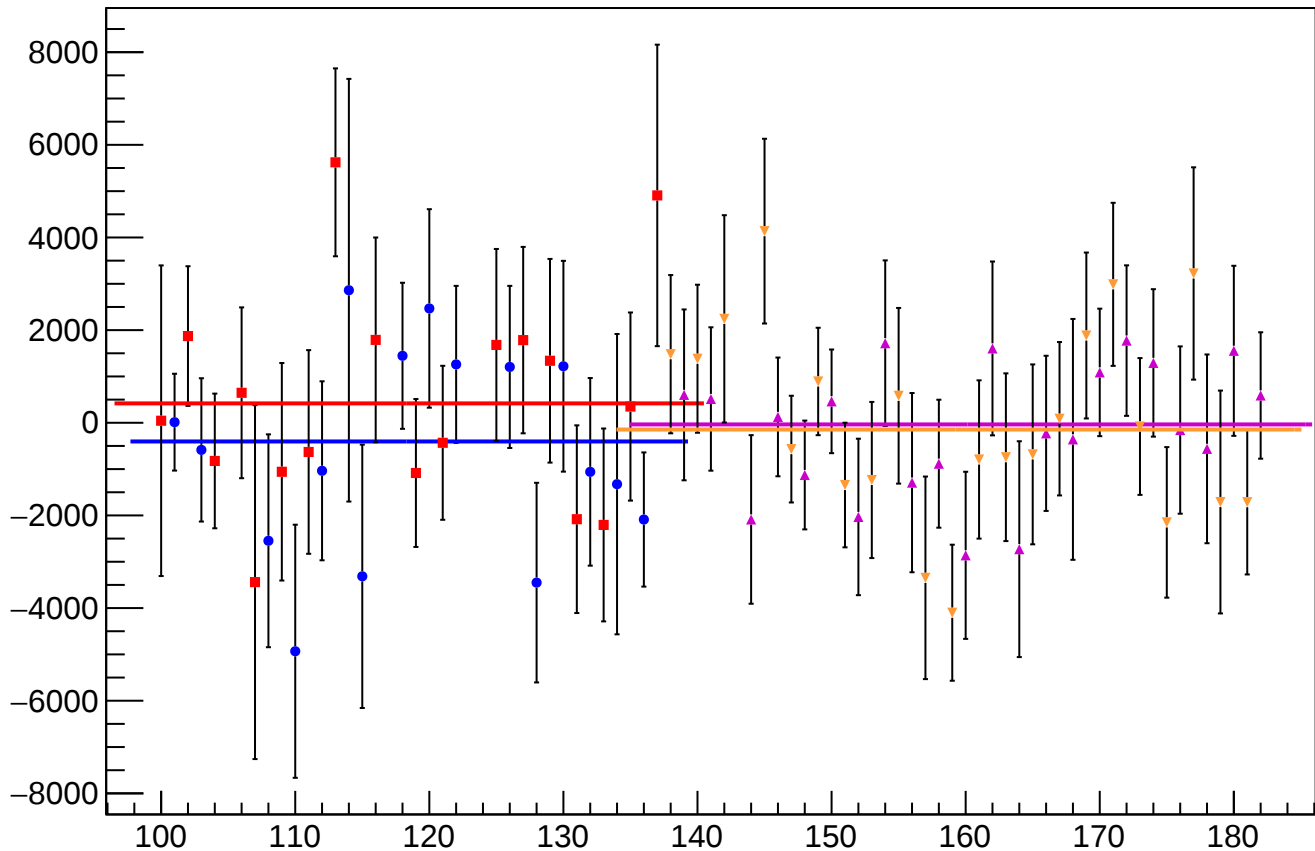
Left In: 789.423 ± 0.135 $\chi^2/\text{NDF}: 11157.7/21$

+ sign 790.087 ± 0.115 $\chi^2/\text{NDF}: 25994.2/37$

All: 790.691 ± 0.081 $\chi^2/\text{NDF}: 49445.8/77$

- sign 791.276 ± 0.114 $\chi^2/\text{NDF}: 23397.8/39$

asym_us_avg_correction_mean vs Slug



Right In: -403.277 ± 465.456 $\chi^2/\text{NDF}: 14.5/15$

Left Out: -145.978 ± 352.175 $\chi^2/\text{NDF}: 29.2/21$

Right Out: 418.532 ± 473.834 $\chi^2/\text{NDF}: 17.5/17$

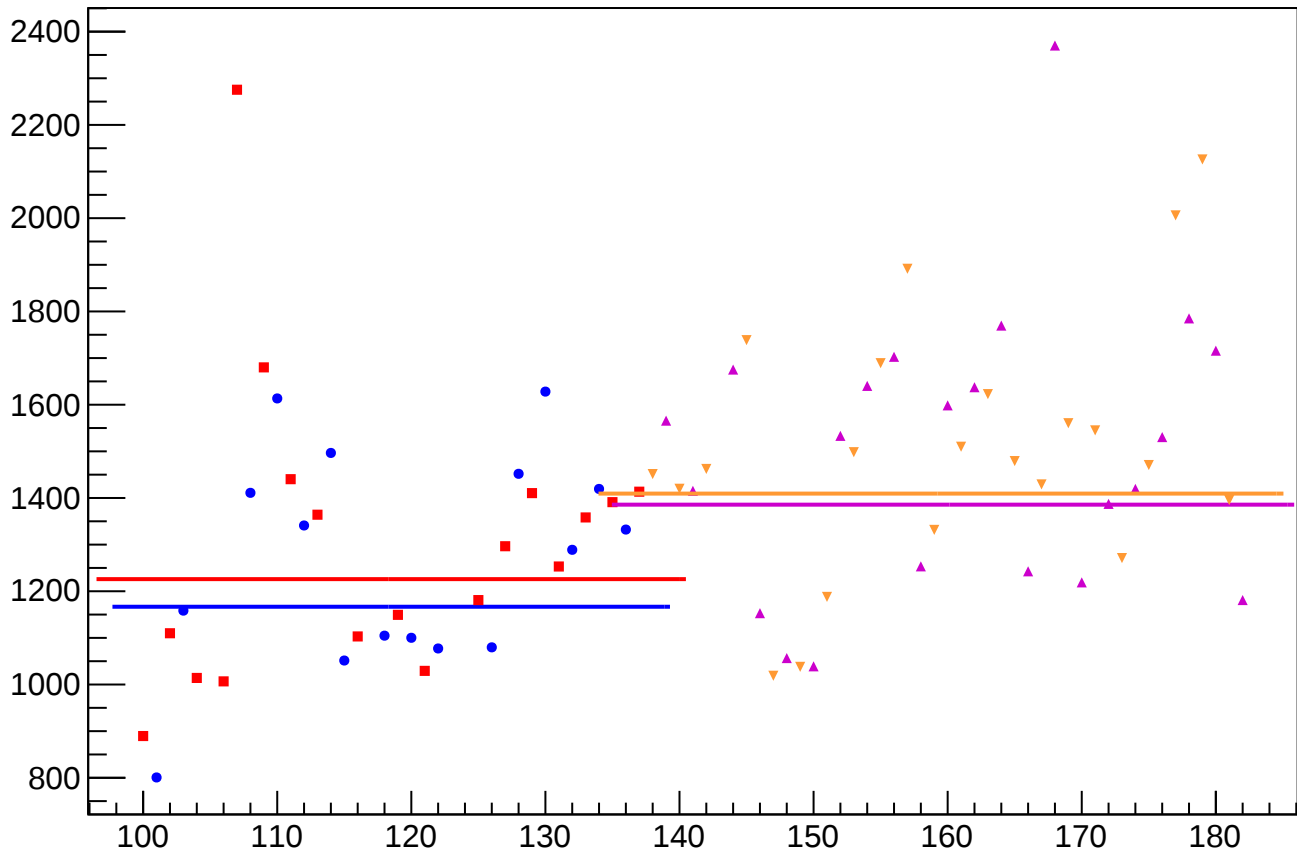
Left In: -35.448 ± 341.719 $\chi^2/\text{NDF}: 14.0/21$

+ sign -239.651 ± 280.844 $\chi^2/\text{NDF}: 43.9/37$

All: -57.512 ± 197.272 $\chi^2/\text{NDF}: 76.7/77$

- sign 119.880 ± 277.161 $\chi^2/\text{NDF}: 32.0/39$

asym_us_avg_correction_rms vs Slug



Right In: 1166.780 $\pm$ 0.329 χ^2 /NDF: 529794.9/15

Left Out: 1409.403 $\pm$ 0.249 χ^2 /NDF: 1095447.5/21

Right Out: 1225.994 $\pm$ 0.335 χ^2 /NDF: 441386.8/17

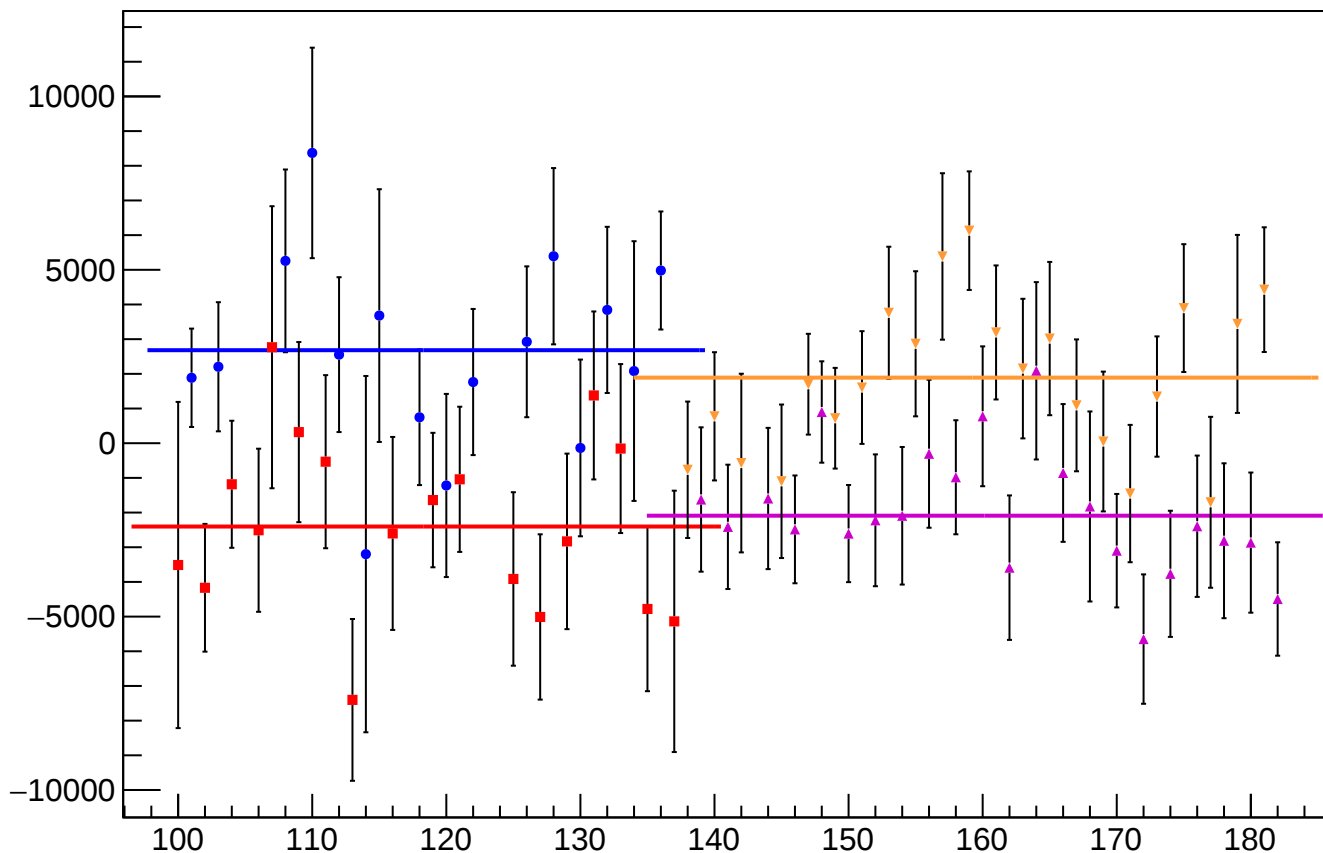
Left In: 1385.677 $\pm$ 0.242 χ^2 /NDF: 1262447.7/21

+ sign 1321.073 $\pm$ 0.199 χ^2 /NDF: 1970826.7/37

All: 1326.123 $\pm$ 0.139 χ^2 /NDF: 3825361.8/77

- sign 1331.042 $\pm$ 0.196 χ^2 /NDF: 1853258.6/39

asym_us_avg_mean vs Slug



Right In: 2681.840 $\pm$ 568.598 χ^2 /NDF: 14.0/15

Left Out: 1890.886 $\pm$ 408.201 χ^2 /NDF: 25.4/21

Right Out: -2402.934 $\pm$ 570.326 χ^2 /NDF: 16.3/17

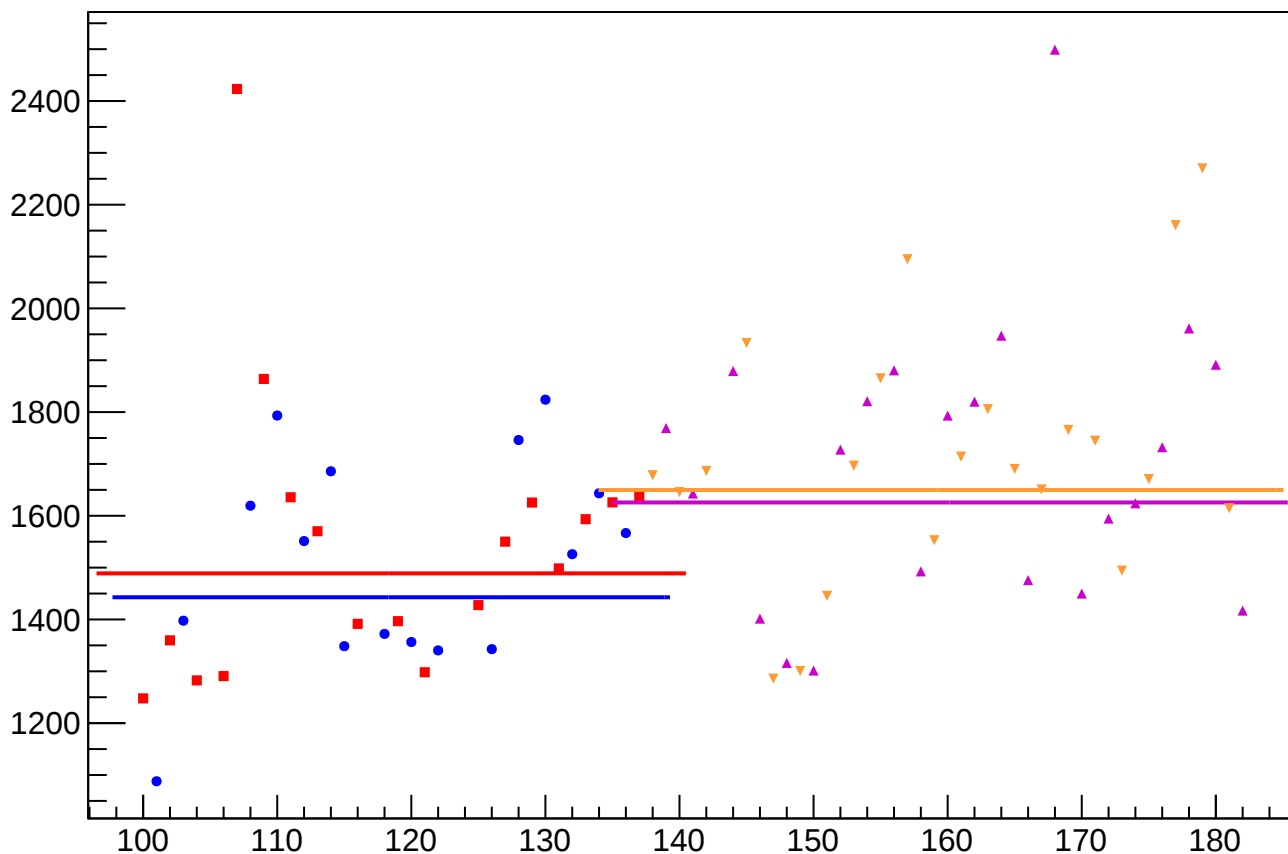
Left In: -2090.283 $\pm$ 397.317 χ^2 /NDF: 18.6/21

+ sign 2159.893 $\pm$ 331.598 χ^2 /NDF: 40.8/37

All: -53.271 $\pm$ 232.473 χ^2 /NDF: 163.4/77

- sign -2192.440 $\pm$ 326.007 χ^2 /NDF: 35.1/39

asym_us_avg_rms vs Slug



Right In: 1442.805+/-0.402 χ^2/NDF : 278289.5/15

Left Out: 1649.654+/-0.289 χ^2/NDF : 649878.3/21

Right Out: 1488.914+/-0.403 χ^2/NDF : 256704.3/17

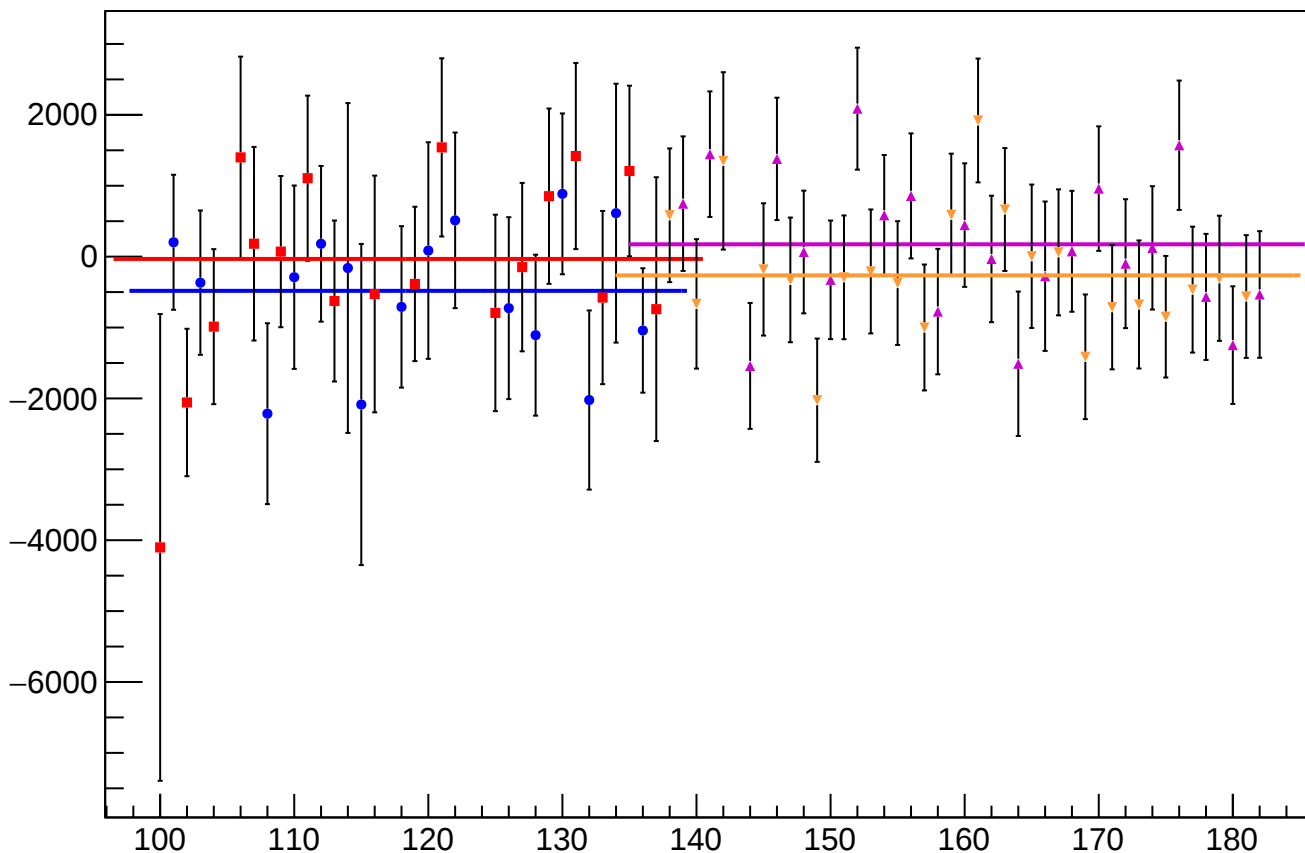
Left In: 1625.694+/-0.281 χ^2/NDF : 764595.8/21

+ sign 1579.304+/-0.234 χ^2/NDF : 1102830.2/37

All: 1580.167+/-0.164 χ^2/NDF : 2201604.8/77

- sign 1581.002+/-0.231 χ^2/NDF : 1098747.9/39

reg_asym_us_dd_mean vs Slug



Right In: -482.437 $\pm$ 305.341 χ^2 /NDF: 8.2/15

Left Out: -264.050 $\pm$ 191.662 χ^2 /NDF:18.9/21

Right Out: -32.457 $\pm$ 298.450 χ^2 /NDF: 13.6/17

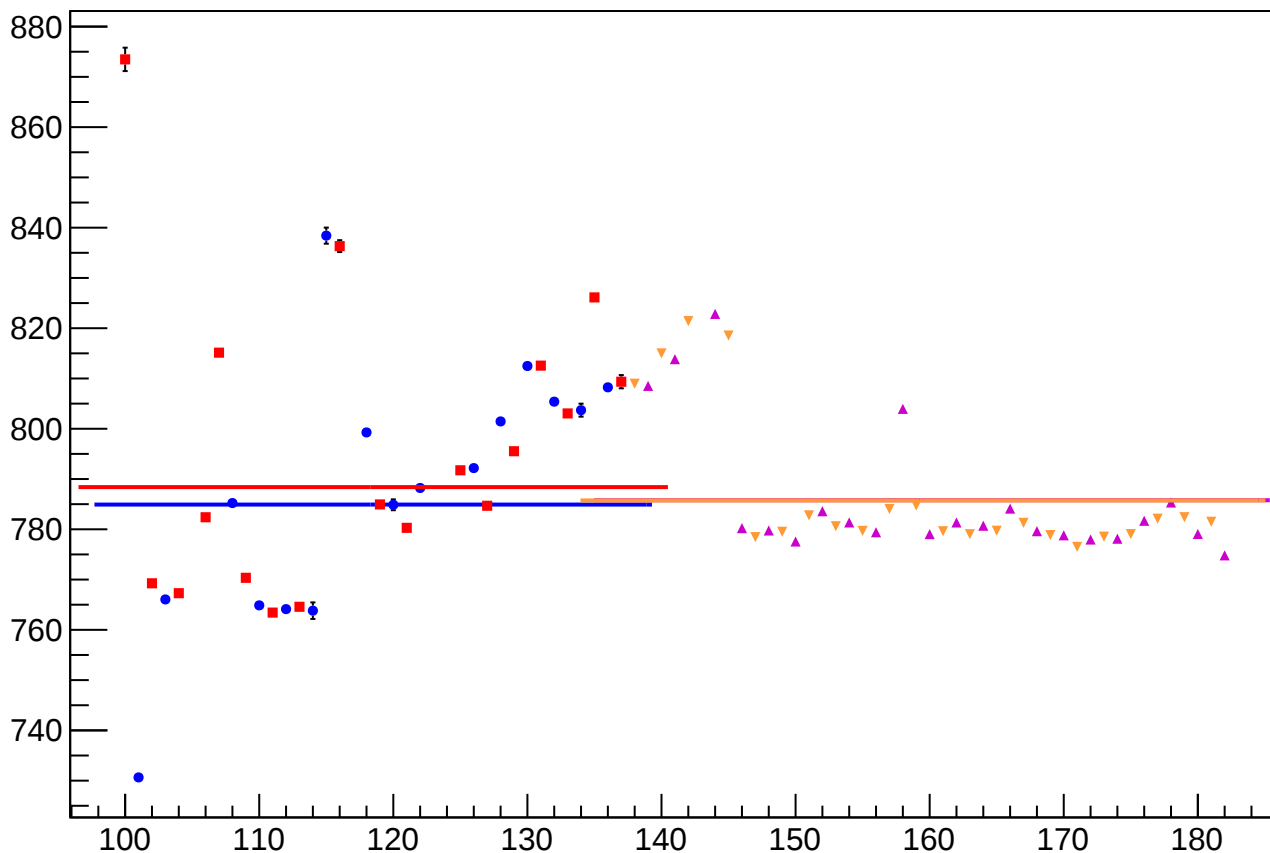
Left In: 173.999 $\pm$ 189.417 χ^2 /NDF:26.0/21

+ sign -325.775 $\pm$ 162.332 χ^2 /NDF: 27.4/37

All: -102.242 $\pm$ 113.926 χ^2 /NDF: 71.1/77

- sign 114.717 $\pm$ 159.926 χ^2 /NDF: 39.9/39

reg_asym_us_dd_rms vs Slug



Right In: 784.921+/-0.216 χ^2/NDF : 13814.6/15

Left Out: 785.740+/-0.136 χ^2/NDF : 8845.6/21

Right Out: 788.394+/-0.211 χ^2/NDF : 10968.1/17

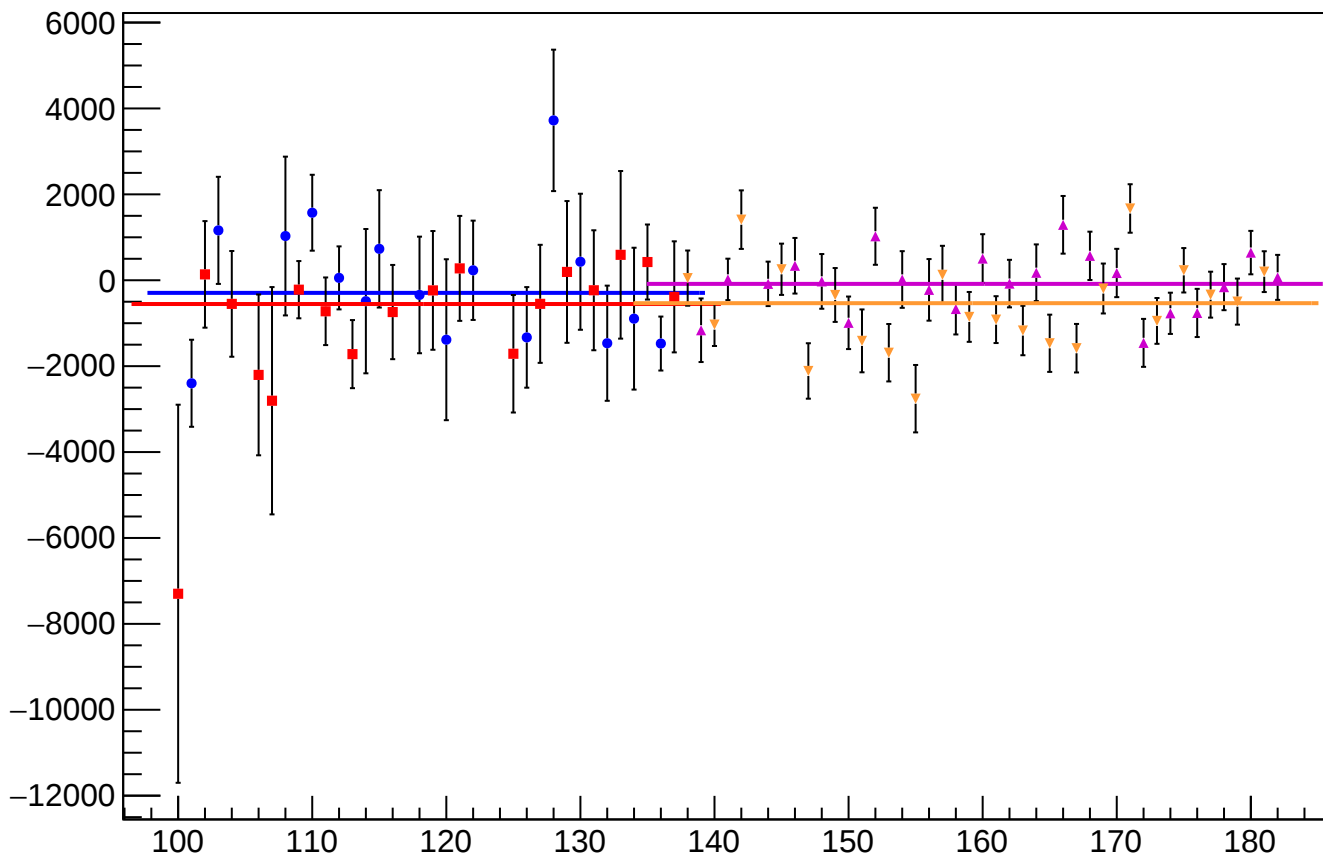
Left In: 785.779+/-0.134 χ^2/NDF : 9257.4/21

+ sign 785.509+/-0.115 χ^2/NDF : 22670.5/37

All: 786.027+/-0.081 χ^2/NDF : 43045.6/77

- sign 786.530+/-0.113 χ^2/NDF : 20335.0/39

asym_us_dd_correction_mean vs Slug



Right In: -293.772 ± 283.190 χ^2/NDF : 23.4/15

Left Out: -533.755 ± 125.231 χ^2/NDF : 59.5/21

Right Out: -553.206 ± 273.321 χ^2/NDF : 9.8/17

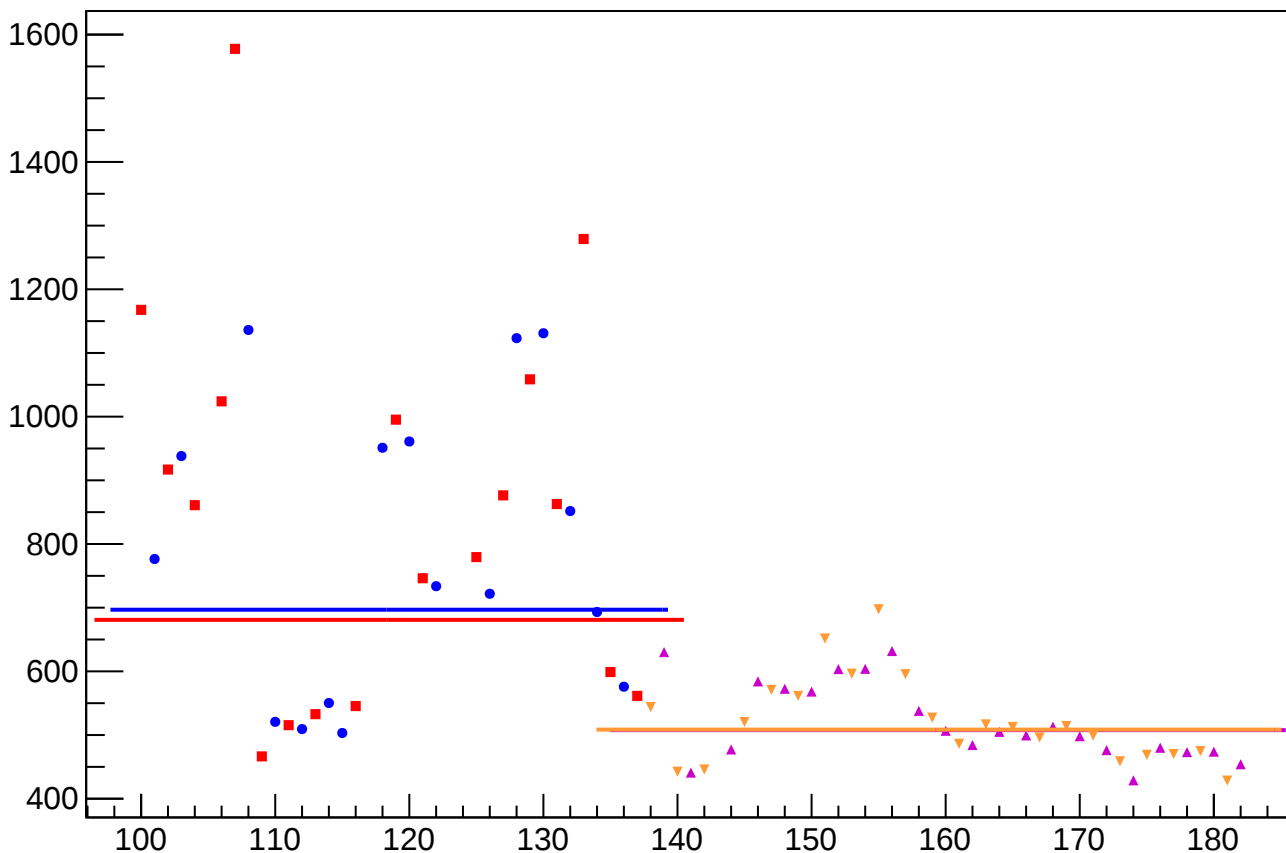
Left In: -84.549 ± 123.368 χ^2/NDF : 27.3/21

+ sign -494.502 ± 114.532 χ^2/NDF : 83.5/37

All: -326.145 ± 80.238 χ^2/NDF : 127.3/77

- sign -163.869 ± 112.444 χ^2/NDF : 39.5/39

asym_us_dd_correction_rms vs Slug



Right In: 696.803 ± 0.200 χ^2/NDF : 963973.0/15

Left Out: 508.499 ± 0.089 χ^2/NDF : 463986.6/21

Right Out: 680.884 ± 0.193 χ^2/NDF : 1353667.8/17

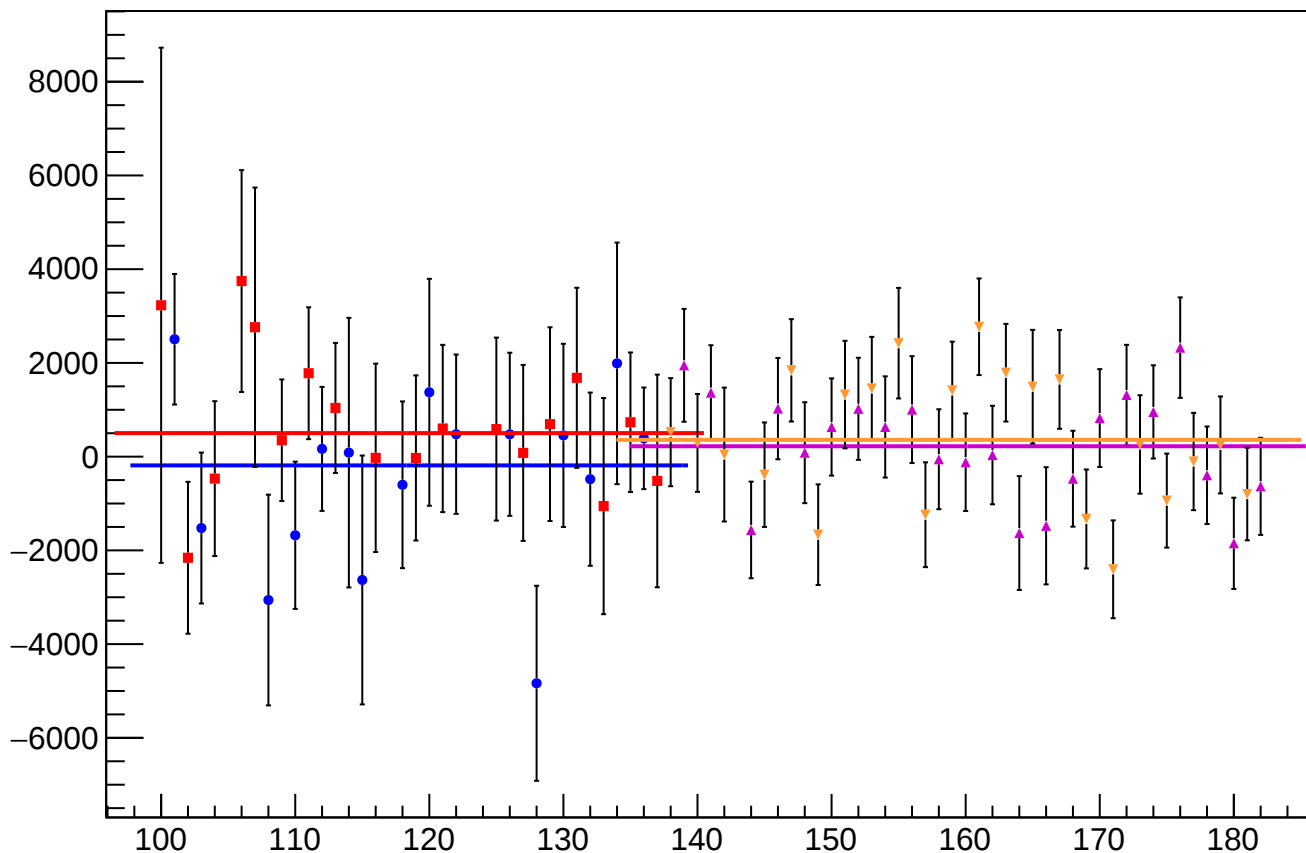
Left In: 507.691 ± 0.087 χ^2/NDF : 425711.4/21

+ sign 539.299 ± 0.081 χ^2/NDF : 2167611.6/37

All: 538.130 ± 0.057 χ^2/NDF : 4614540.8/77

- sign 537.004 ± 0.080 χ^2/NDF : 2446520.0/39

asym_us_dd_mean vs Slug



Right In: -186.802 ± 434.855 χ^2/NDF : 14.8/15

Left Out: 358.233 ± 230.987 χ^2/NDF : 36.3/21

Right Out: 502.321 ± 428.043 χ^2/NDF : 8.0/17

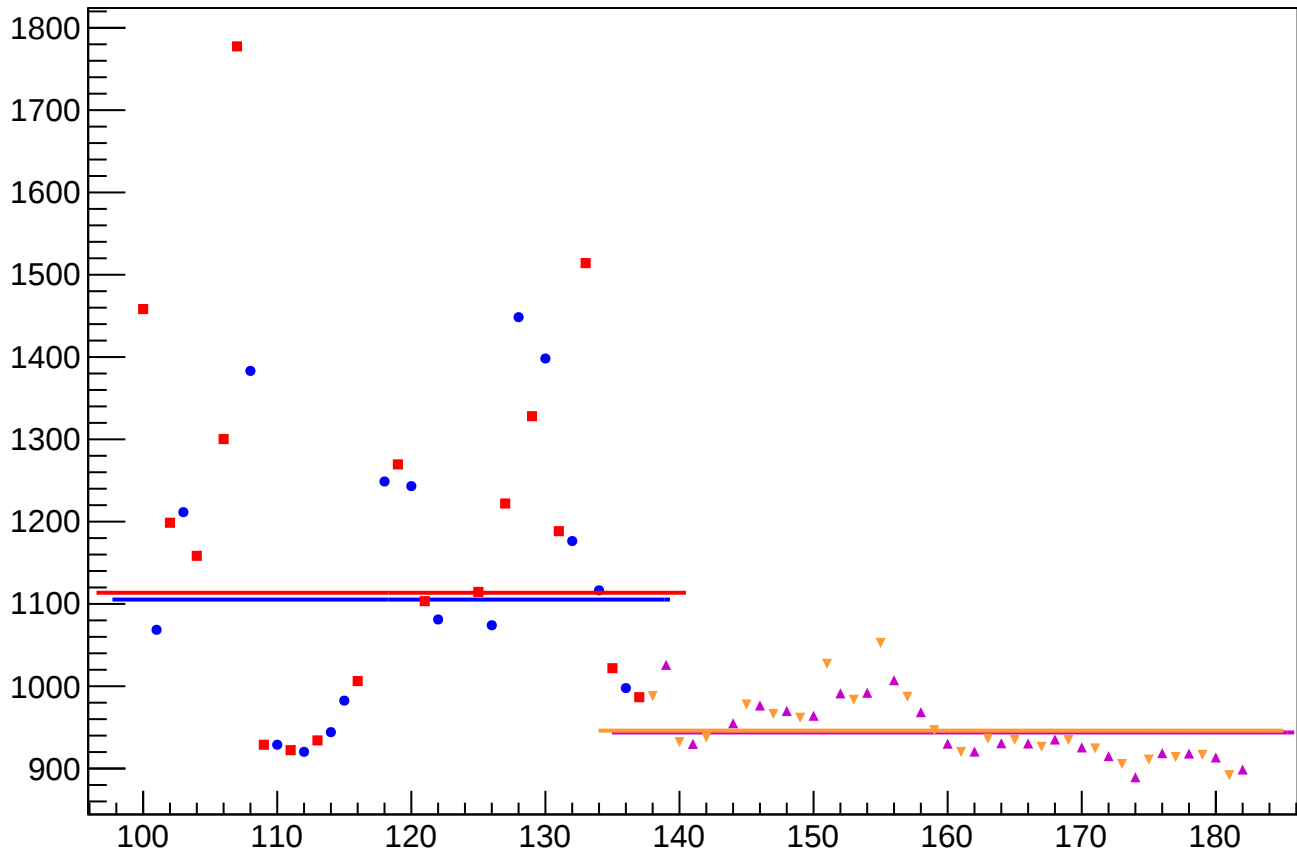
Left In: 221.809 ± 227.676 χ^2/NDF : 24.4/21

+ sign 238.292 ± 203.994 χ^2/NDF : 52.3/37

All: 261.315 ± 143.179 χ^2/NDF : 85.1/77

- sign 283.669 ± 201.010 χ^2/NDF : 32.7/39

asym_us_dd_rms vs Slug



Right In: 1105.313 $\pm$ 0.307 χ^2 /NDF: 258052.8/15

Left Out: 946.045 $\pm$ 0.163 χ^2 /NDF: 55537.7/21

Right Out: 1113.586 $\pm$ 0.303 χ^2 /NDF: 364341.2/17

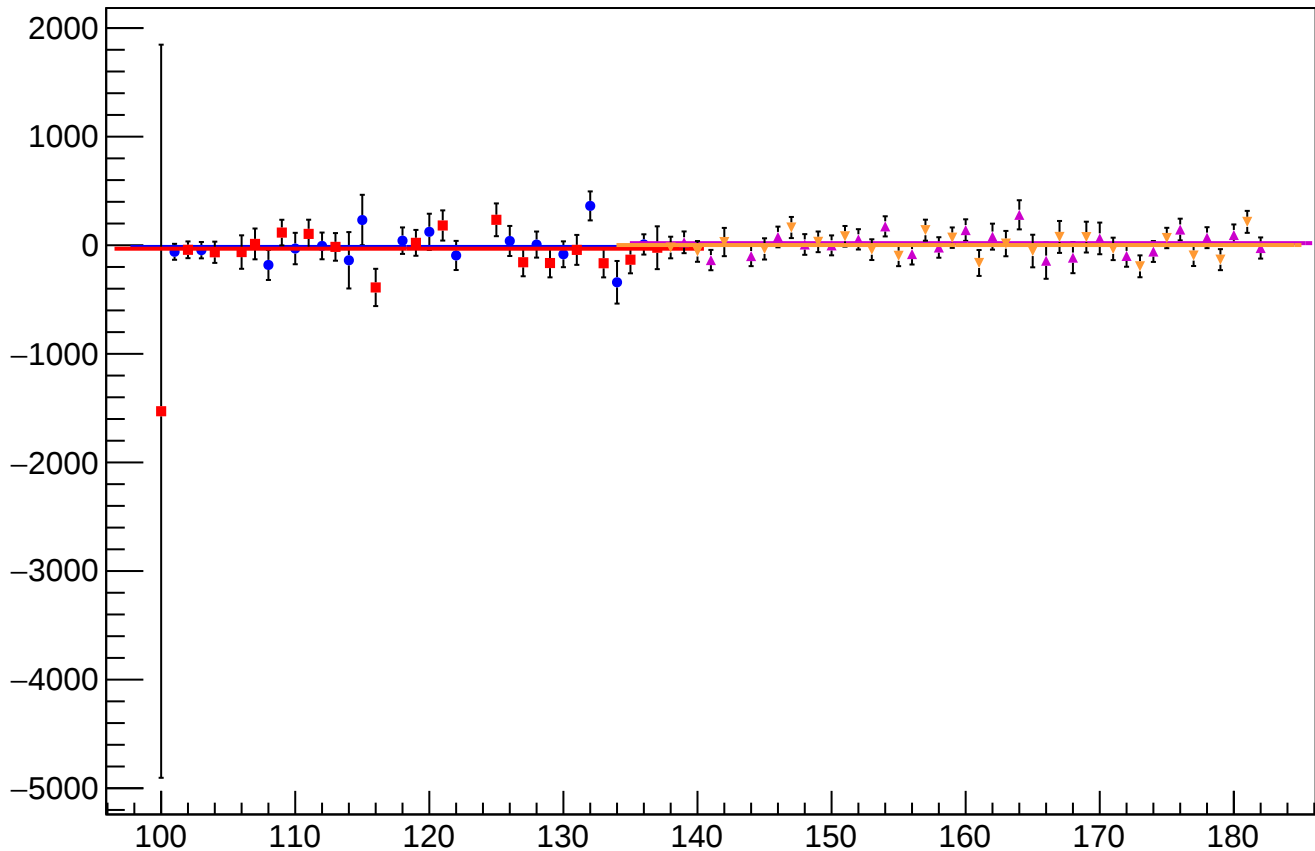
Left In: 943.804 $\pm$ 0.161 χ^2 /NDF: 46765.2/21

+ sign 981.094 $\pm$ 0.144 χ^2 /NDF: 522836.1/37

All: 981.171 $\pm$ 0.101 χ^2 /NDF: 1179210.5/77

- sign 981.246 $\pm$ 0.142 χ^2 /NDF: 656373.9/39

reg_asym_ds_avg_mean vs Slug



Right In: -15.551 ± 30.032 χ^2/NDF : 15.9/15

Left Out: 1.905 ± 22.133 χ^2/NDF : 22.3/21

Right Out: -31.754 ± 30.492 χ^2/NDF : 16.8/17

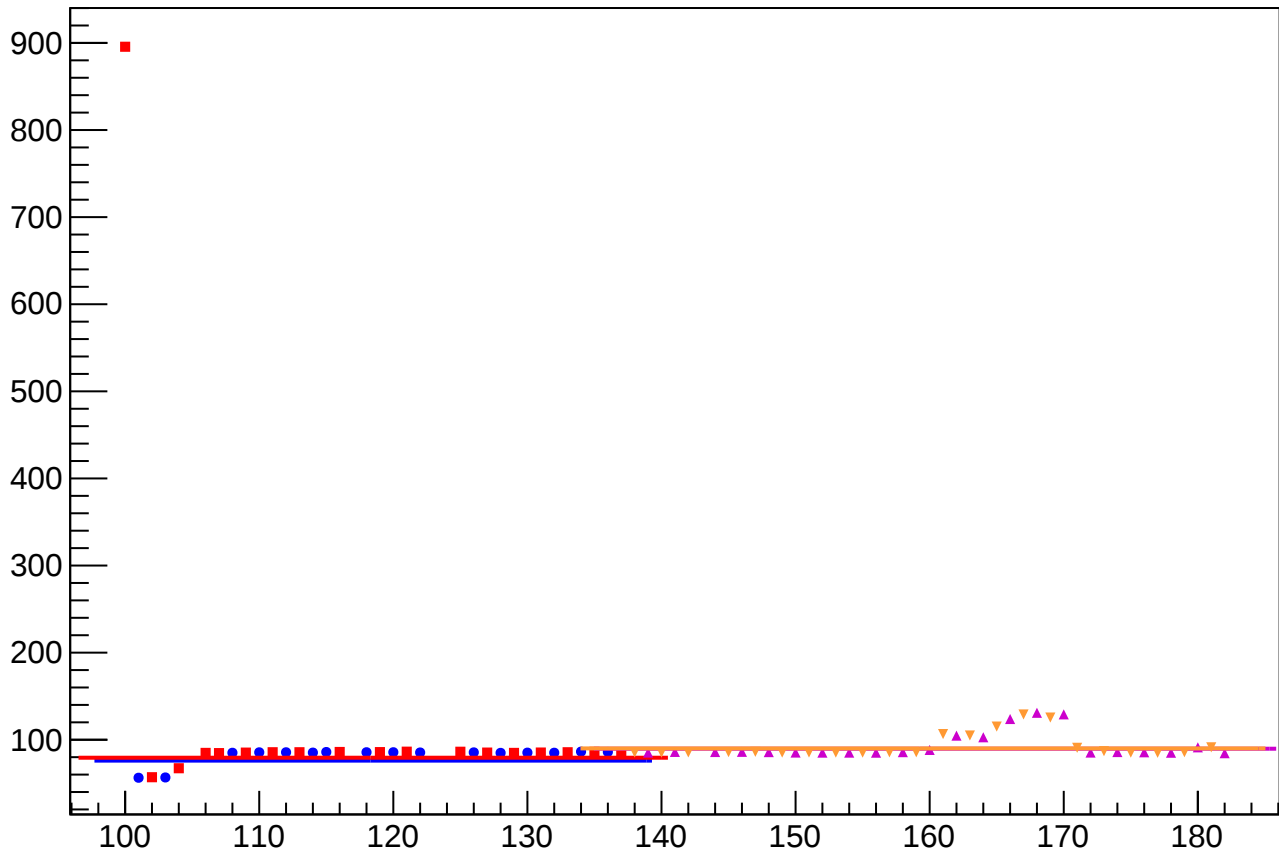
Left In: 19.393 ± 21.791 χ^2/NDF : 21.1/21

+ sign -4.239 ± 17.817 χ^2/NDF : 38.5/37

All: -1.053 ± 12.567 χ^2/NDF : 78.3/77

- sign 2.102 ± 17.729 χ^2/NDF : 39.8/39

reg_asym_ds_avg_rms vs Slug



Right In: 76.053 $\pm$ 0.021 χ^2 /NDF: 408670.6/15

Left Out: 90.060 $\pm$ 0.016 χ^2 /NDF: 456953.6/21

Right Out: 79.371 $\pm$ 0.022 χ^2 /NDF: 378257.4/17

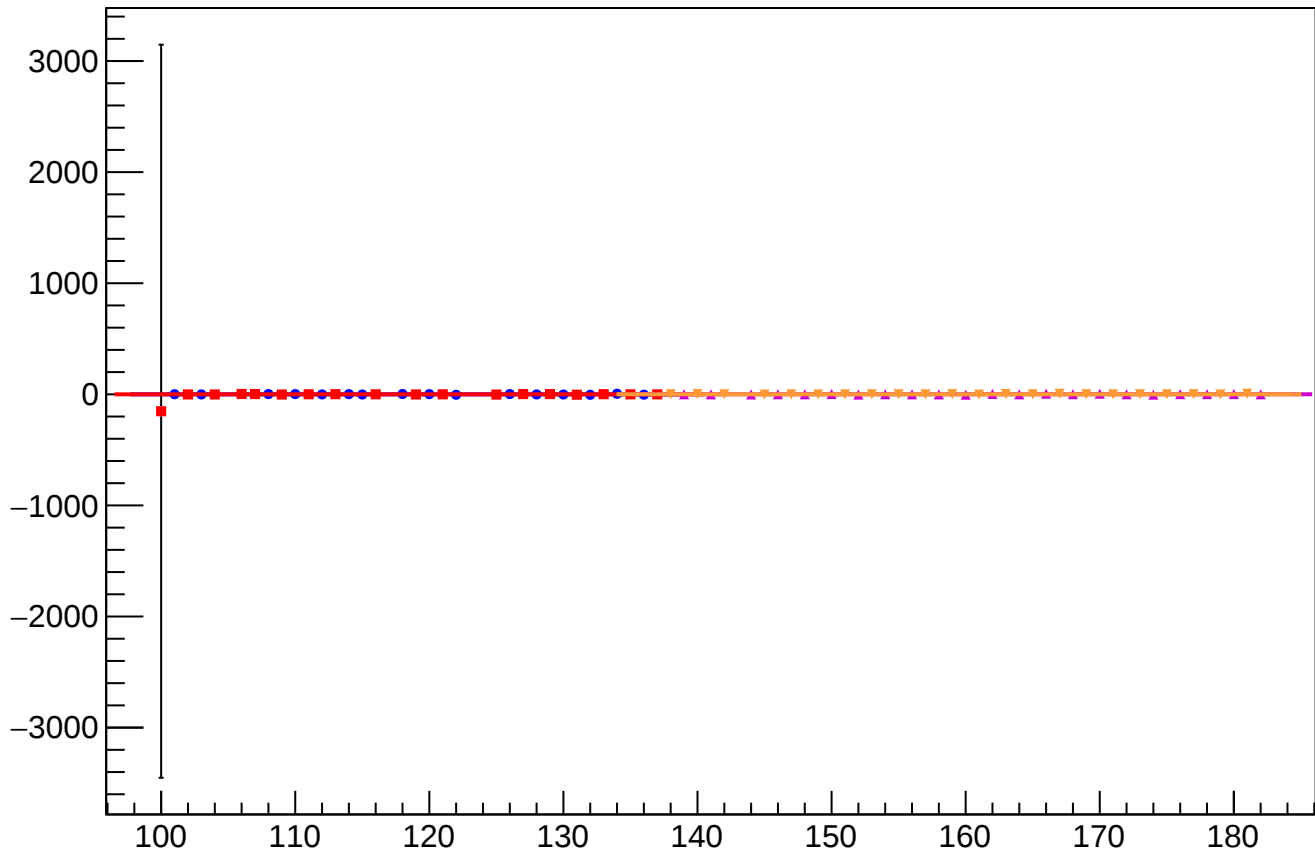
Left In: 89.703 $\pm$ 0.015 χ^2 /NDF: 505943.3/21

+ sign 85.130 $\pm$ 0.013 χ^2 /NDF: 1147534.4/37

All: 85.673 $\pm$ 0.009 χ^2 /NDF: 2187428.7/77

- sign 86.210 $\pm$ 0.013 χ^2 /NDF: 1036202.5/39

asym_ds_avg_correction_mean vs Slug



Right In: -0.290 ± 0.502 χ^2/NDF : 20.9/15

Left Out: 0.216 ± 0.388 χ^2/NDF : 20.3/21

Right Out: -0.038 ± 0.525 χ^2/NDF : 9.9/17

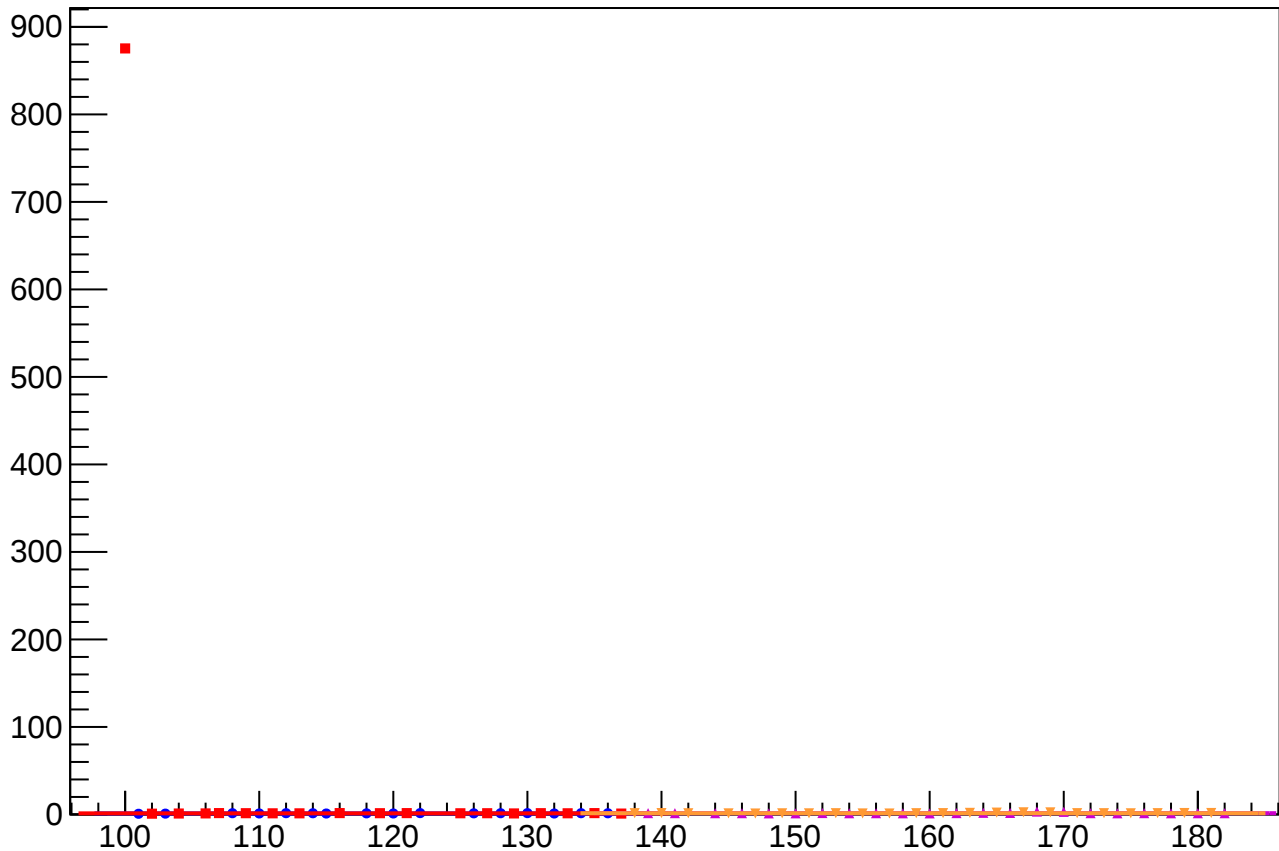
Left In: 0.532 ± 0.390 χ^2/NDF : 26.3/21

+ sign 0.026 ± 0.307 χ^2/NDF : 41.8/37

All: 0.175 ± 0.219 χ^2/NDF : 79.3/77

- sign 0.329 ± 0.313 χ^2/NDF : 37.0/39

asym_ds_avg_correction_rms vs Slug



Right In: 1.152 $\pm$ 0.000 χ^2 /NDF: 506239.7/15

Left Out: 1.411 $\pm$ 0.000 χ^2 /NDF: 978795.5/21

Right Out: 1.259 $\pm$ 0.000 χ^2 /NDF: 489381.1/17

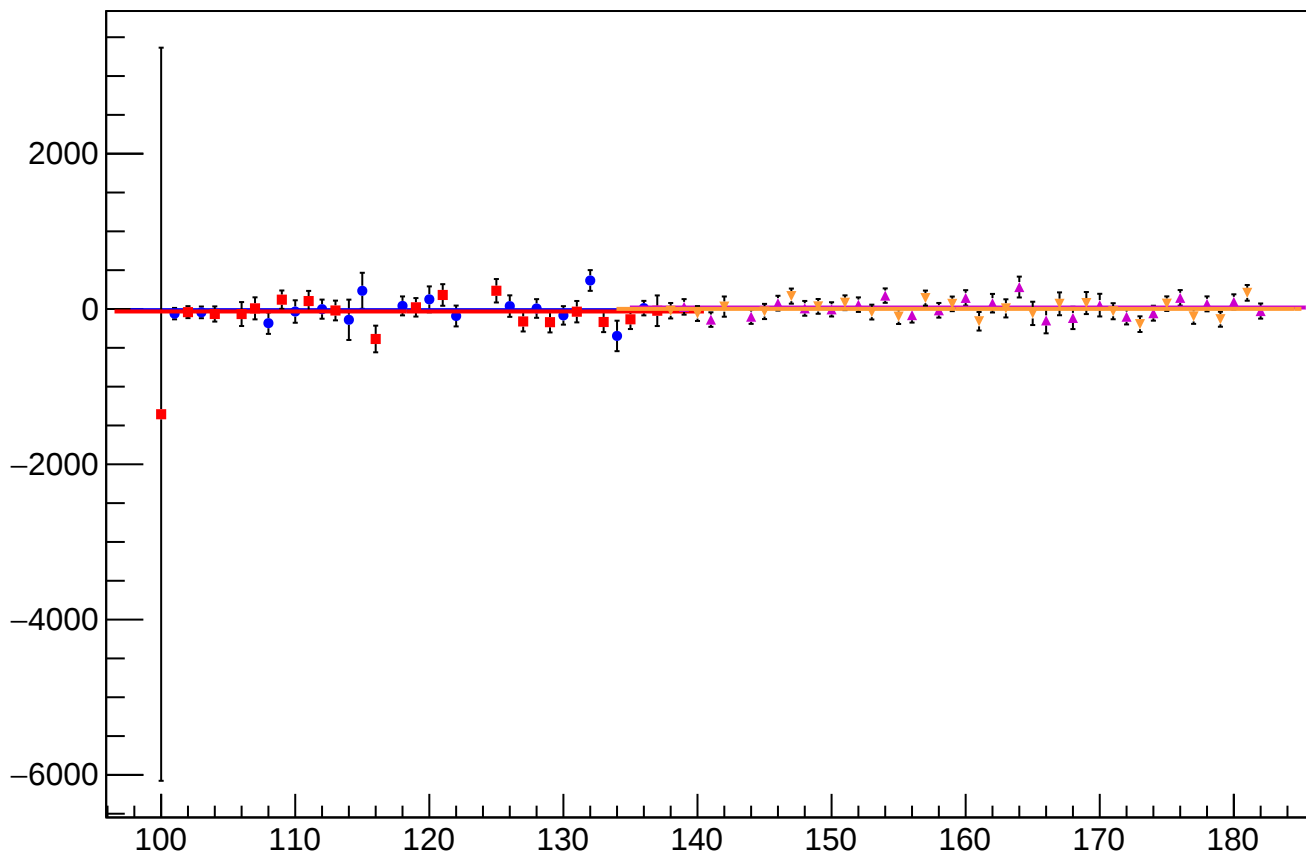
Left In: 1.452 $\pm$ 0.000 χ^2 /NDF: 995252.6/21

+ sign 1.314 $\pm$ 0.000 χ^2 /NDF: 1818911.8/37

All: 1.348 $\pm$ 0.000 χ^2 /NDF: 3528156.2/77

- sign 1.384 $\pm$ 0.000 χ^2 /NDF: 1659211.1/39

asym_ds_avg_mean vs Slug



Right In: -14.487 ± 30.040 χ^2/NDF : 16.2/15

Left Out: 1.537 ± 22.140 χ^2/NDF : 21.9/21

Right Out: -32.033 ± 30.500 χ^2/NDF : 16.8/17

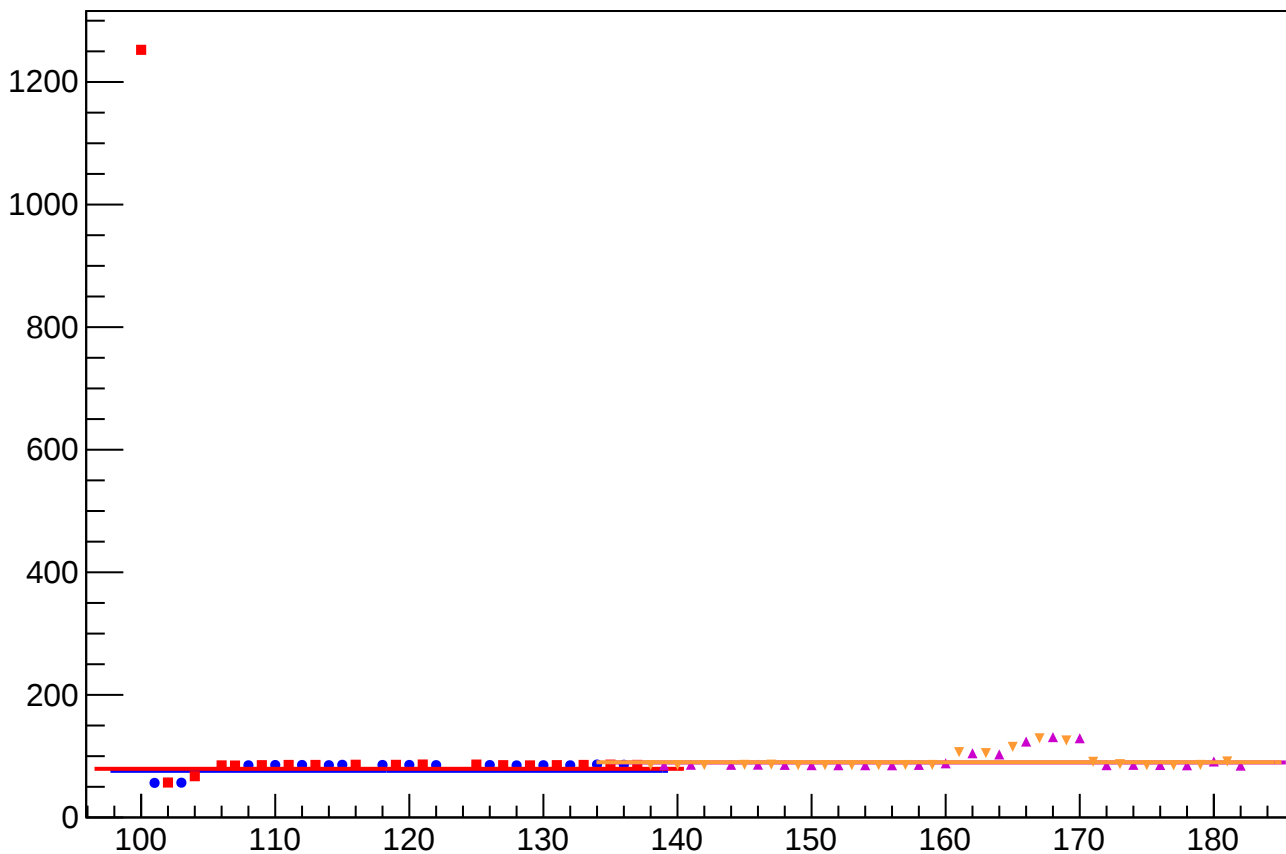
Left In: 18.936 ± 21.798 χ^2/NDF : 21.0/21

+ sign -4.103 ± 17.823 χ^2/NDF : 38.3/37

All: -1.185 ± 12.571 χ^2/NDF : 78.0/77

- sign 1.704 ± 17.734 χ^2/NDF : 39.6/39

asym_ds_avg_rms vs Slug



Right In: 76.073 $\pm$ 0.021 χ^2 /NDF: 408699.5/15

Left Out: 90.087 $\pm$ 0.016 χ^2 /NDF: 457691.8/21

Right Out: 79.374 $\pm$ 0.022 χ^2 /NDF: 384780.1/17

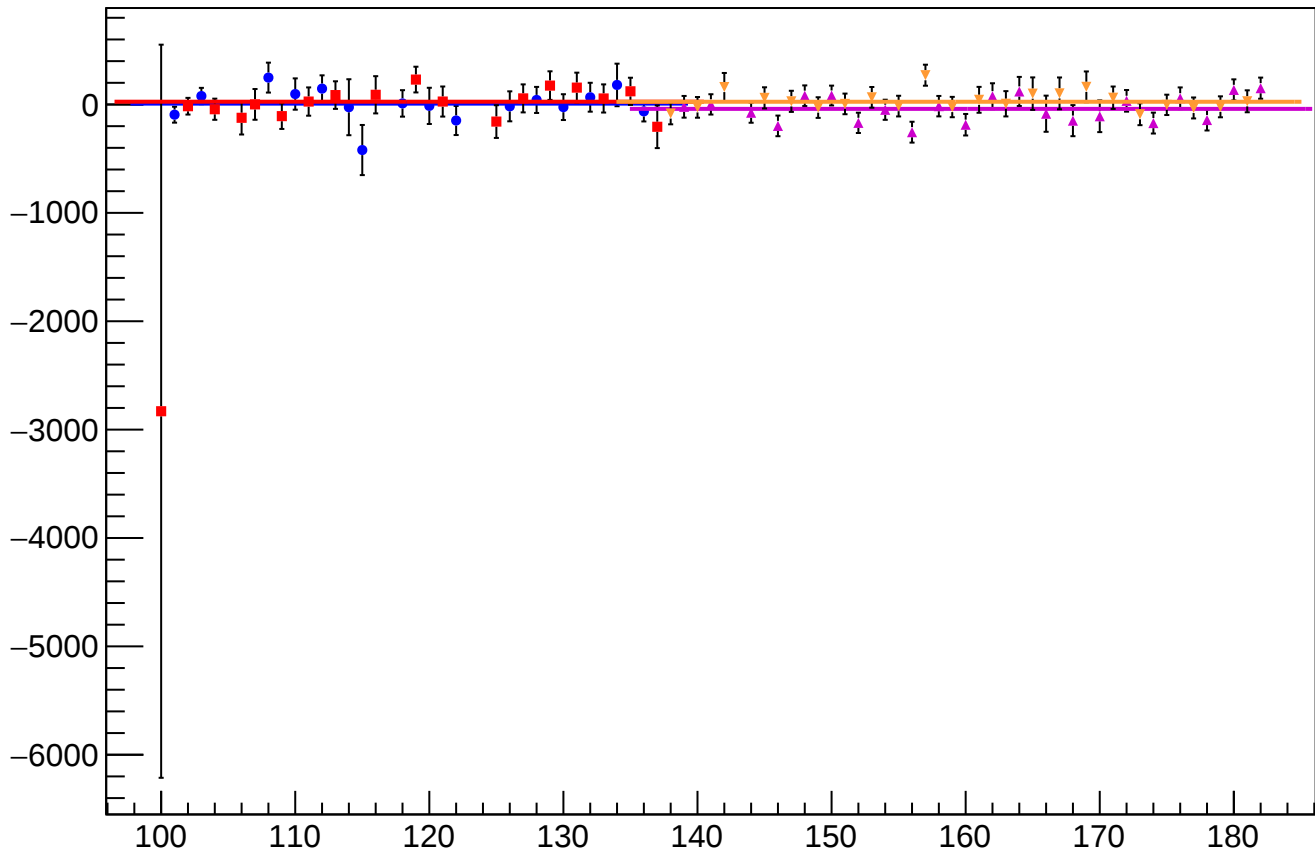
Left In: 89.729 $\pm$ 0.015 χ^2 /NDF: 506824.3/21

+ sign 85.154 $\pm$ 0.013 χ^2 /NDF: 1148433.2/37

All: 85.694 $\pm$ 0.009 χ^2 /NDF: 2196289.4/77

- sign 86.228 $\pm$ 0.013 χ^2 /NDF: 1044203.8/39

reg_asym_ds_dd_mean vs Slug



Right In: 8.113 ± 30.012 χ^2/NDF : 14.0/15

Left Out: 25.204 ± 22.138 χ^2/NDF : 13.7/21

Right Out: 25.774 ± 30.473 χ^2/NDF : 12.8/17

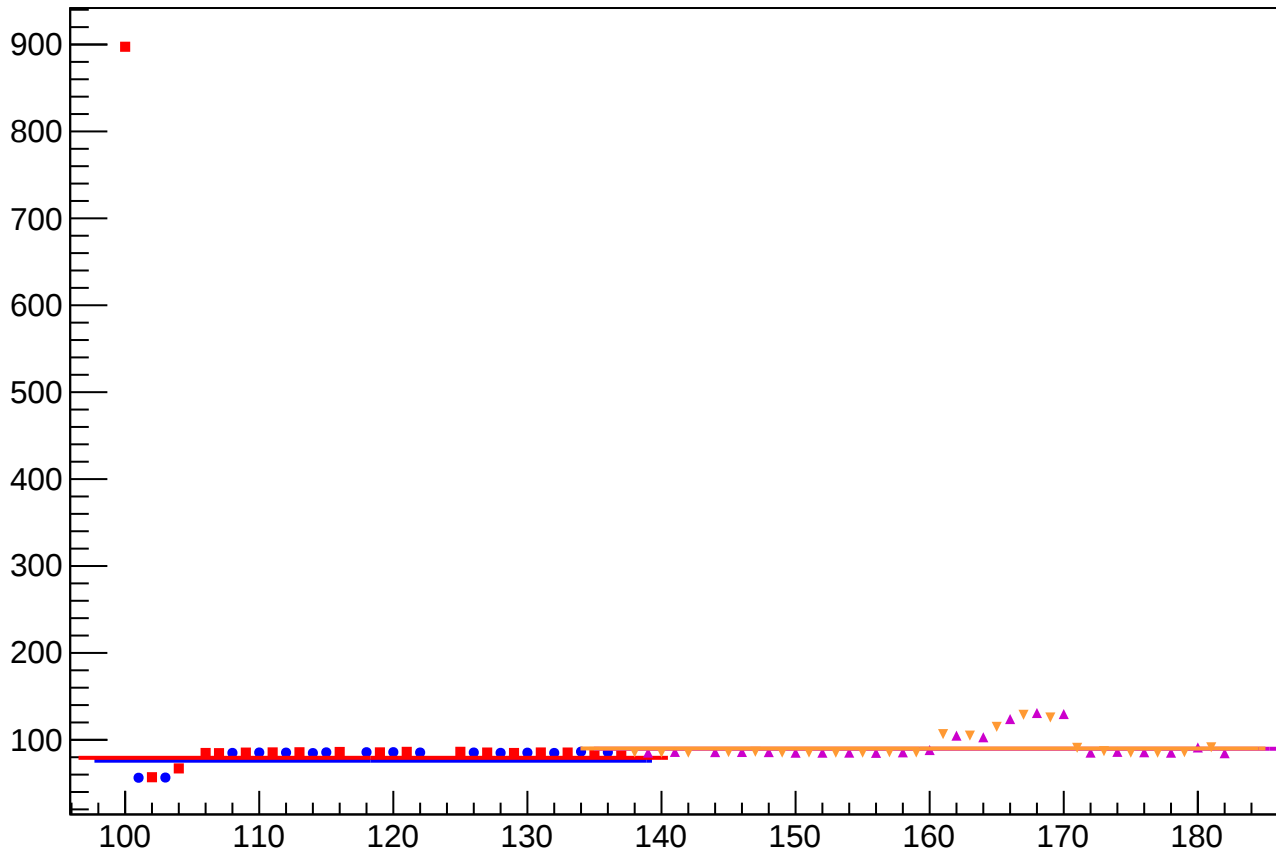
Left In: -40.464 ± 21.800 χ^2/NDF : 30.5/21

+ sign 19.182 ± 17.816 χ^2/NDF : 27.9/37

All: 0.482 ± 12.567 χ^2/NDF : 76.5/77

- sign -18.040 ± 17.730 χ^2/NDF : 46.4/39

reg_asym_ds_dd_rms vs Slug



Right In: 76.004 $\pm$ 0.021 χ^2 /NDF: 408328.4/15

Left Out: 90.080 $\pm$ 0.016 χ^2 /NDF: 455776.7/21

Right Out: 79.322 $\pm$ 0.022 χ^2 /NDF: 378093.1/17

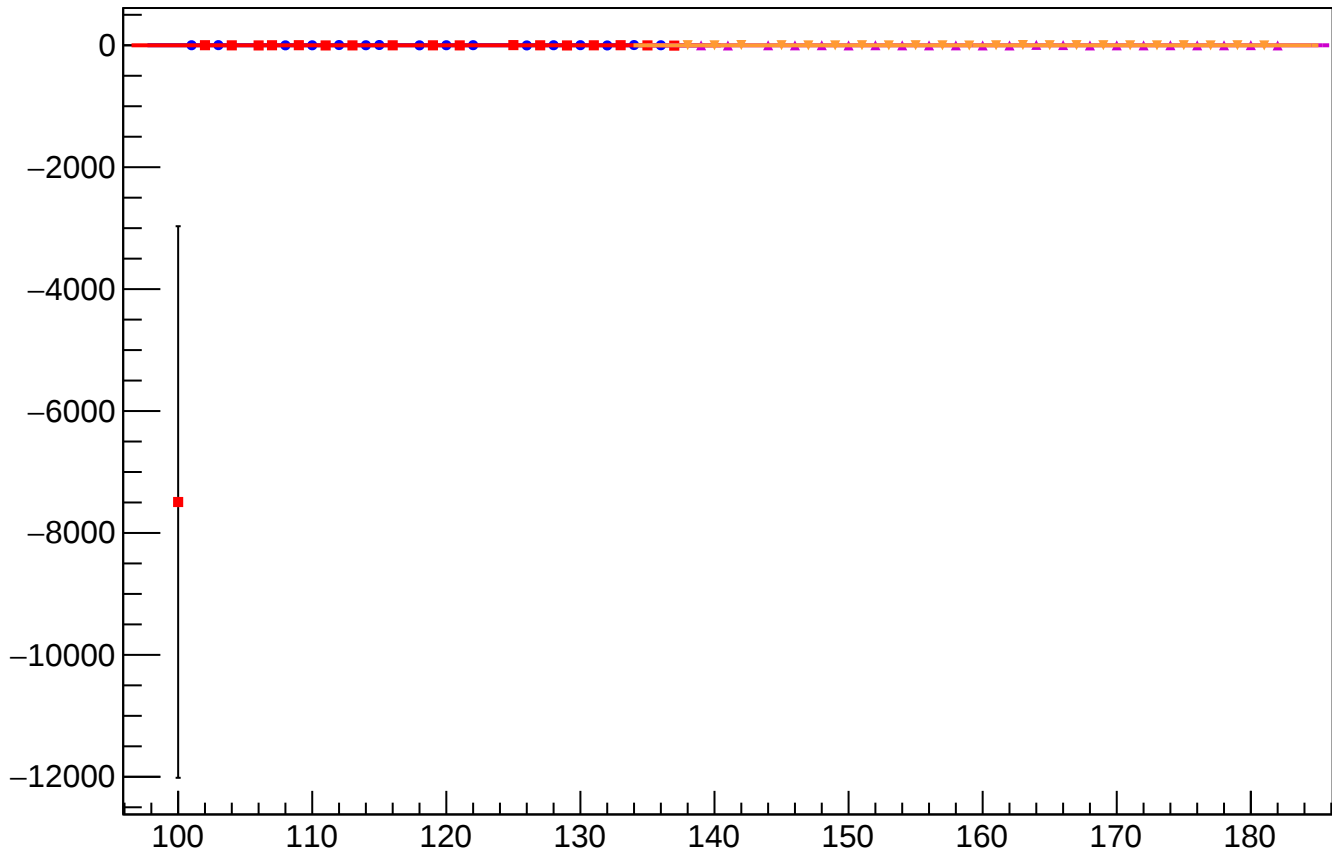
Left In: 89.736 $\pm$ 0.015 χ^2 /NDF: 508436.0/21

+ sign 85.120 $\pm$ 0.013 χ^2 /NDF: 1148999.5/37

All: 85.668 $\pm$ 0.009 χ^2 /NDF: 2193789.0/77

- sign 86.210 $\pm$ 0.013 χ^2 /NDF: 1041022.8/39

asym_ds_dd_correction_mean vs Slug



Right In: 0.892 ± 0.531 χ^2/NDF : 11.9/15

Left Out: -0.452 ± 0.400 χ^2/NDF : 19.6/21

Right Out: -0.347 ± 0.549 χ^2/NDF : 13.4/17

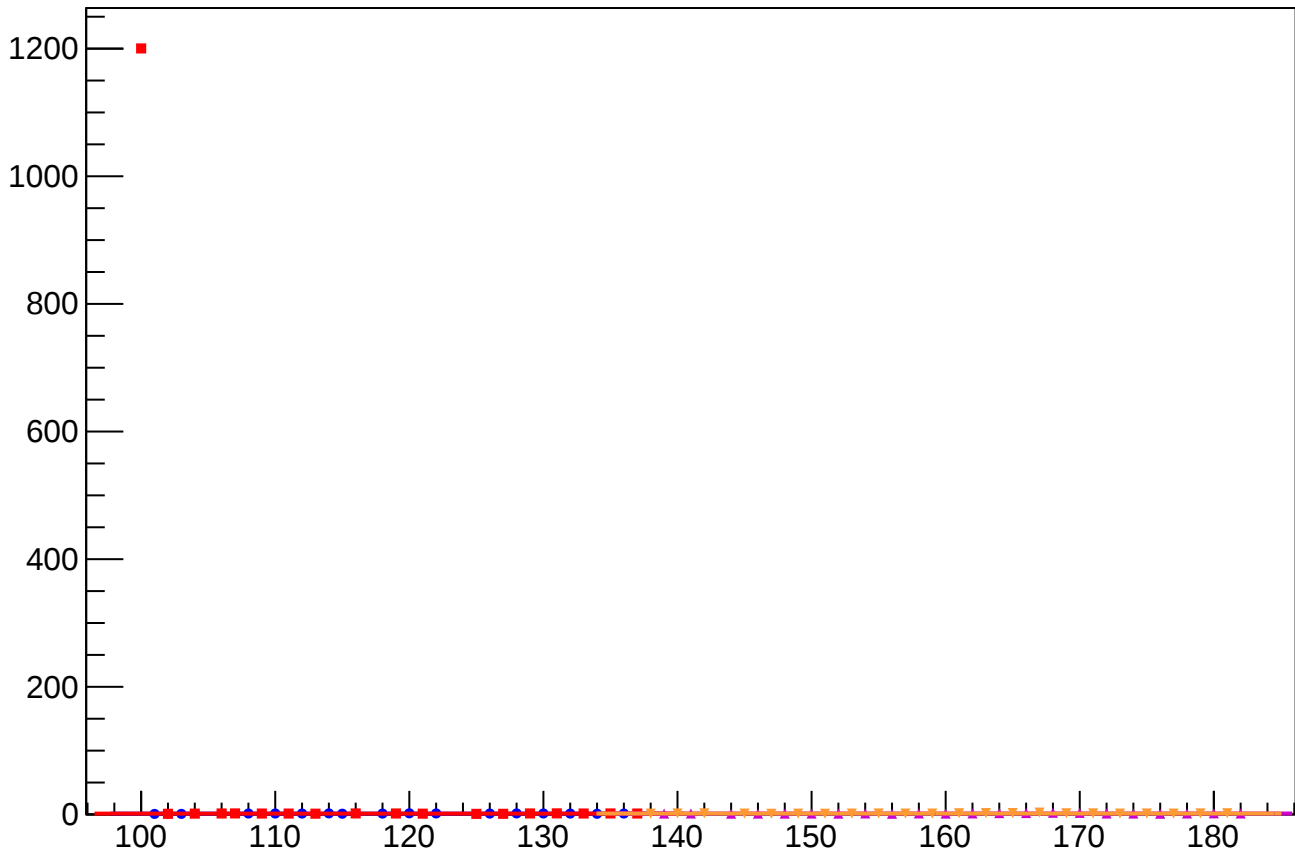
Left In: -0.004 ± 0.394 χ^2/NDF : 18.5/21

+ sign 0.035 ± 0.320 χ^2/NDF : 35.6/37

All: -0.043 ± 0.226 χ^2/NDF : 67.8/77

- sign -0.121 ± 0.320 χ^2/NDF : 32.2/39

asym_ds_dd_correction_rms vs Slug



Right In: 1.233+/-0.000 χ^2/NDF : 625758.9/15

Left Out: 1.462+/-0.000 χ^2/NDF :1137997.0/21

Right Out: 1.315+/-0.000 χ^2/NDF : 517133.0/17

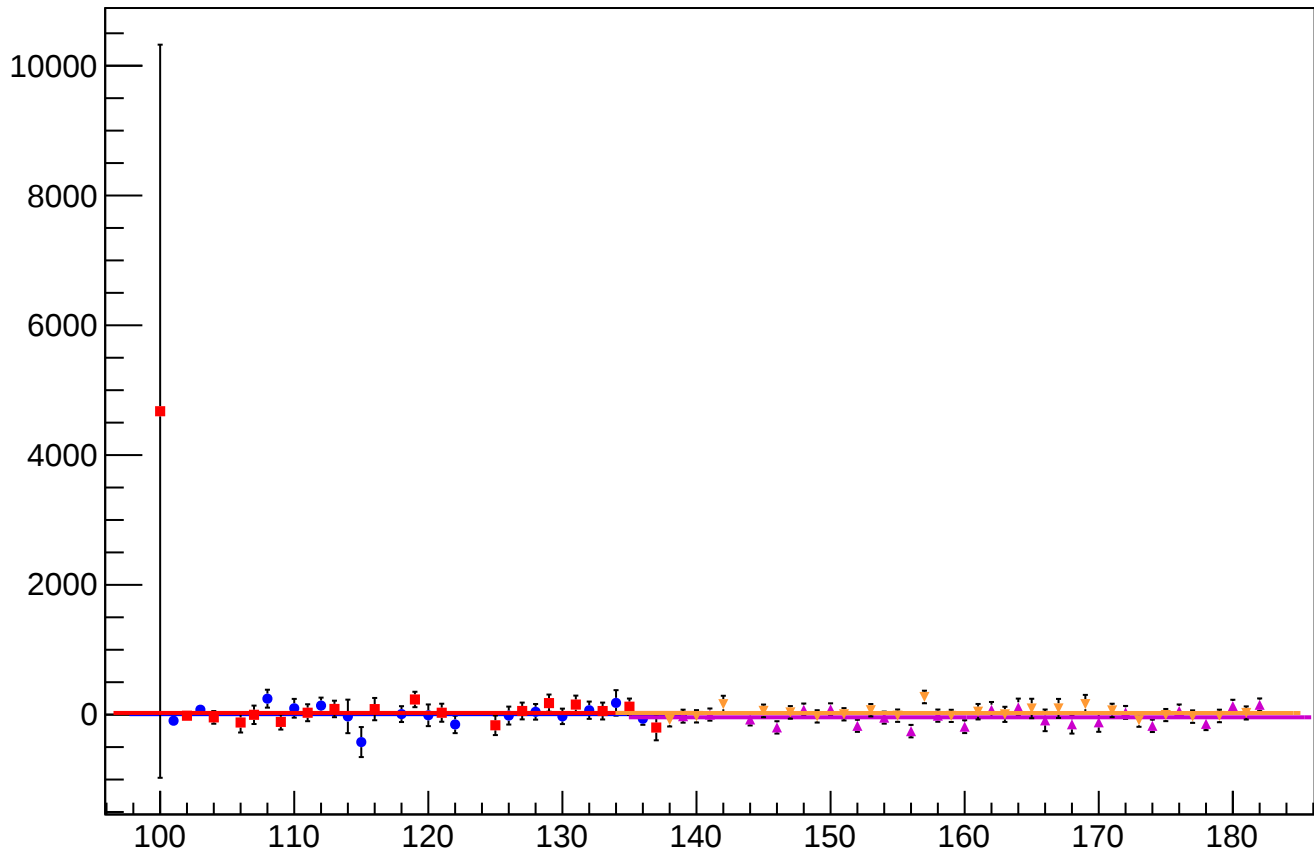
Left In: 1.463+/-0.000 χ^2/NDF :1045886.3/21

+ sign 1.379+/-0.000 χ^2/NDF : 2001625.1/37

All: 1.396+/-0.000 χ^2/NDF : 3671168.1/77

- sign 1.413+/-0.000 χ^2/NDF : 1658666.6/39

asym_ds_dd_mean vs Slug



Right In: 7.406+/-30.020 χ^2/NDF : 13.9/15

Left Out: 25.668+/-22.145 χ^2/NDF :13.6/21

Right Out: 26.384+/-30.482 χ^2/NDF : 13.0/17

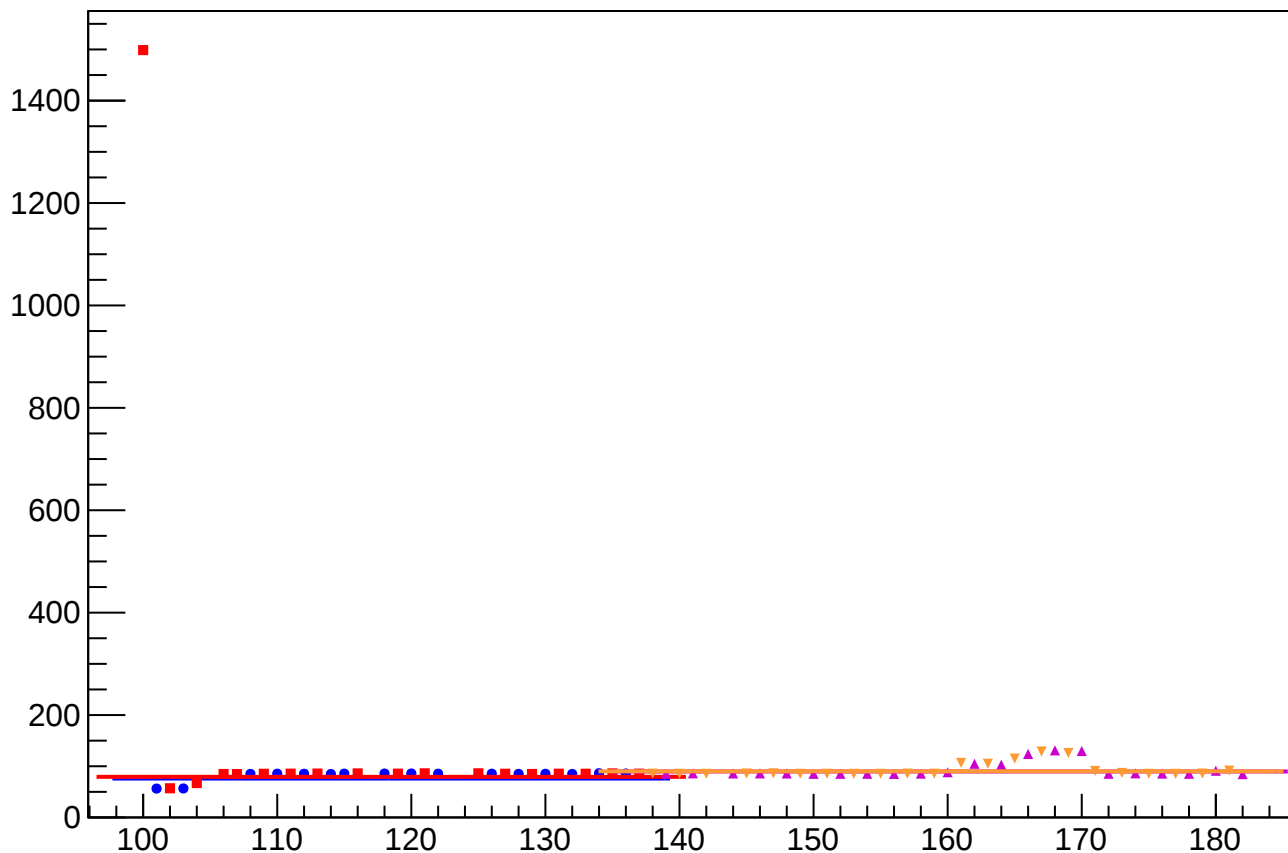
Left In: -40.907+/-21.807 χ^2/NDF :30.1/21

+ sign 19.233+/-17.821 χ^2/NDF : 27.7/37

All: 0.463+/-12.571 χ^2/NDF : 76.3/77

- sign -18.126+/-17.736 χ^2/NDF : 46.3/39

asym_ds_dd_rms vs Slug



Right In: 76.025 $\pm$ 0.021 χ^2 /NDF: 408370.9/15

Left Out: 90.107 $\pm$ 0.016 χ^2 /NDF: 456527.8/21

Right Out: 79.319 $\pm$ 0.022 χ^2 /NDF: 387351.7/17

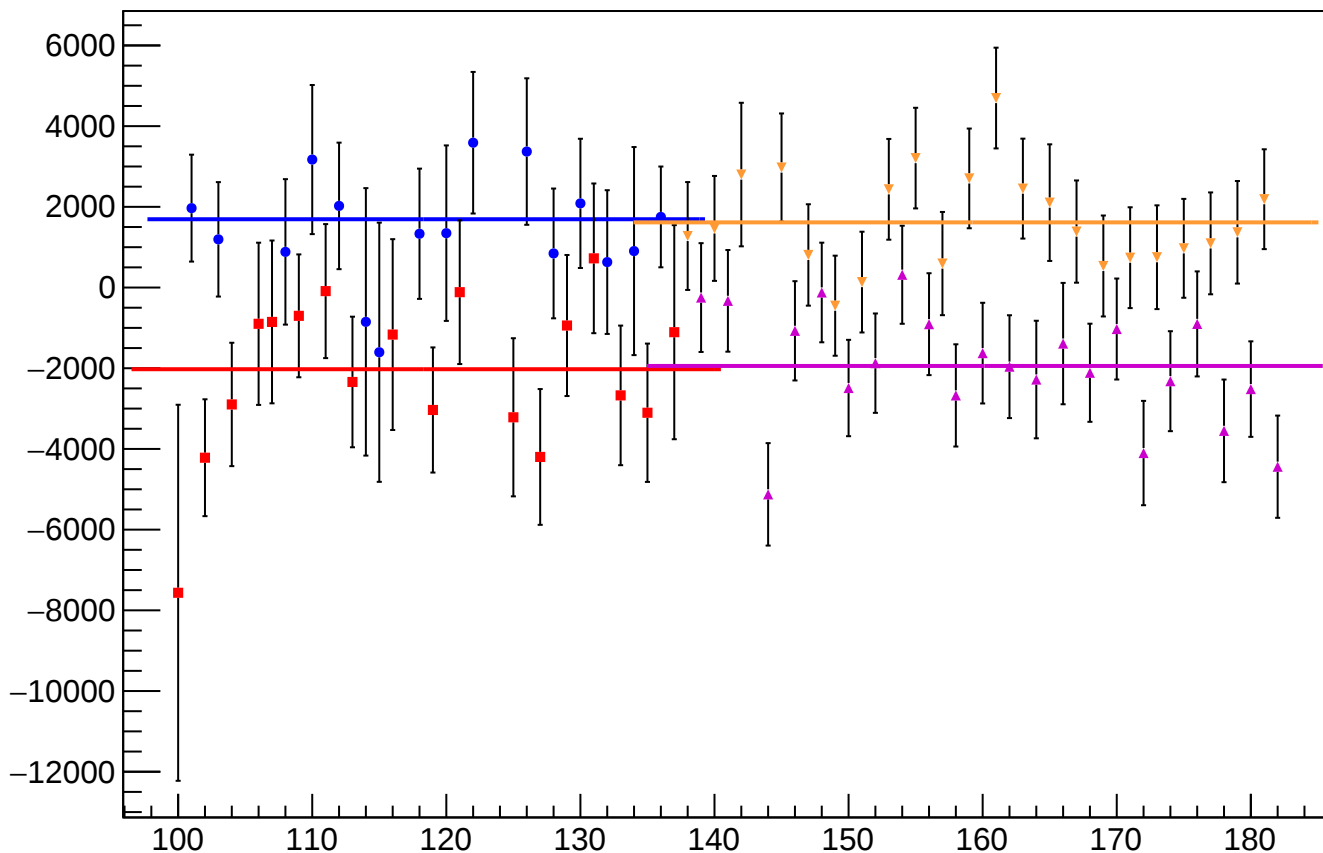
Left In: 89.763 $\pm$ 0.015 χ^2 /NDF: 509243.2/21

+ sign 85.145 $\pm$ 0.013 χ^2 /NDF: 1149916.6/37

All: 85.688 $\pm$ 0.009 χ^2 /NDF: 2205515.9/77

- sign 86.227 $\pm$ 0.013 χ^2 /NDF: 1051891.8/39

reg_asym_usl_mean vs Slug



Right In: 1692.799 ± 431.563 $\chi^2/\text{NDF}: 5.6/15$

Left Out: 1615.058 ± 273.735 $\chi^2/\text{NDF}: 18.7/21$

Right Out: -2024.185 ± 423.428 $\chi^2/\text{NDF}: 13.8/17$

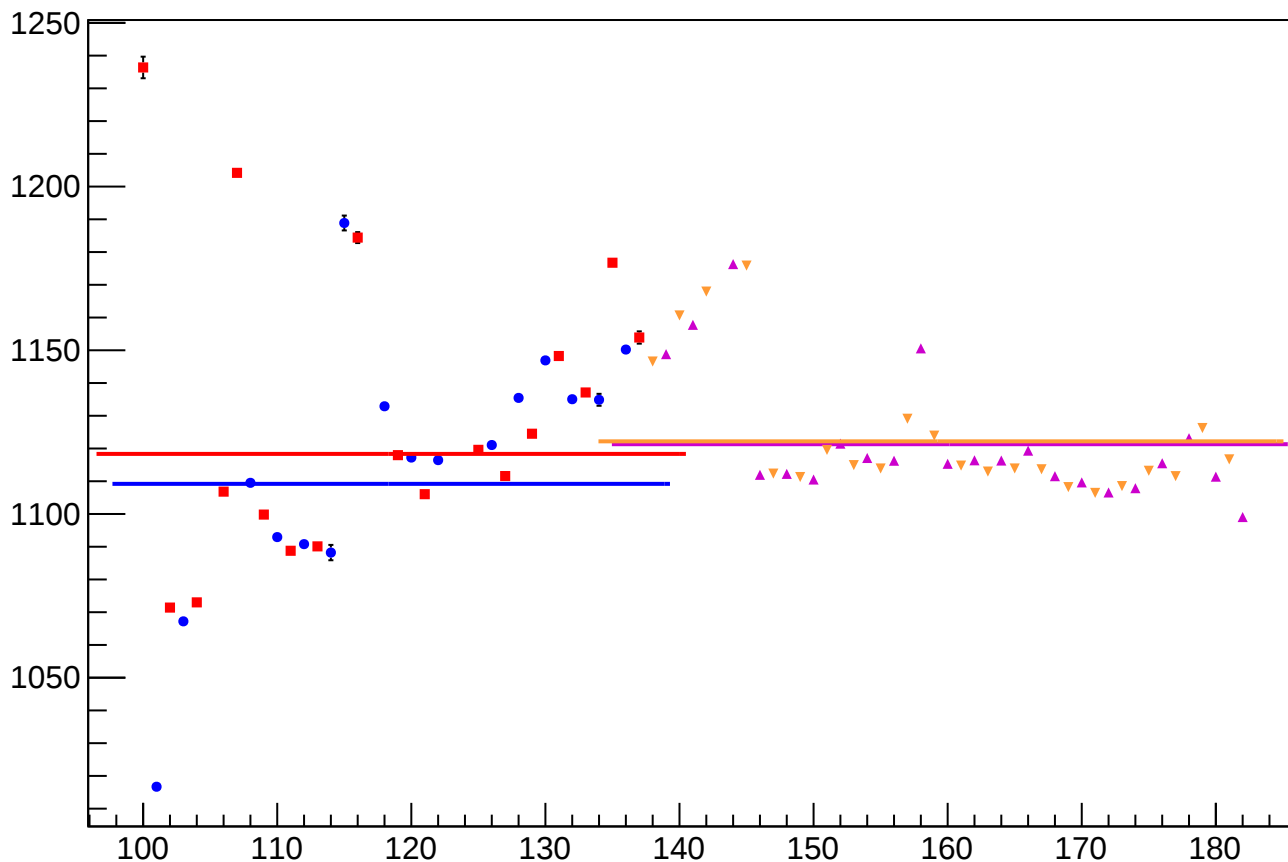
Left In: -1943.292 ± 270.302 $\chi^2/\text{NDF}: 26.9/21$

+ sign 1637.361 ± 231.157 $\chi^2/\text{NDF}: 24.3/37$

All: -190.745 ± 162.266 $\chi^2/\text{NDF}: 188.4/77$

- sign -1966.712 ± 227.836 $\chi^2/\text{NDF}: 40.7/39$

reg_asym_usl_rms vs Slug



Right In: 1109.203 $\pm$ 0.305 χ^2 /NDF: 18241.7/15

Left Out: 1122.188 $\pm$ 0.194 χ^2 /NDF: 8890.7/21

Right Out: 1118.351 $\pm$ 0.299 χ^2 /NDF: 15519.6/17

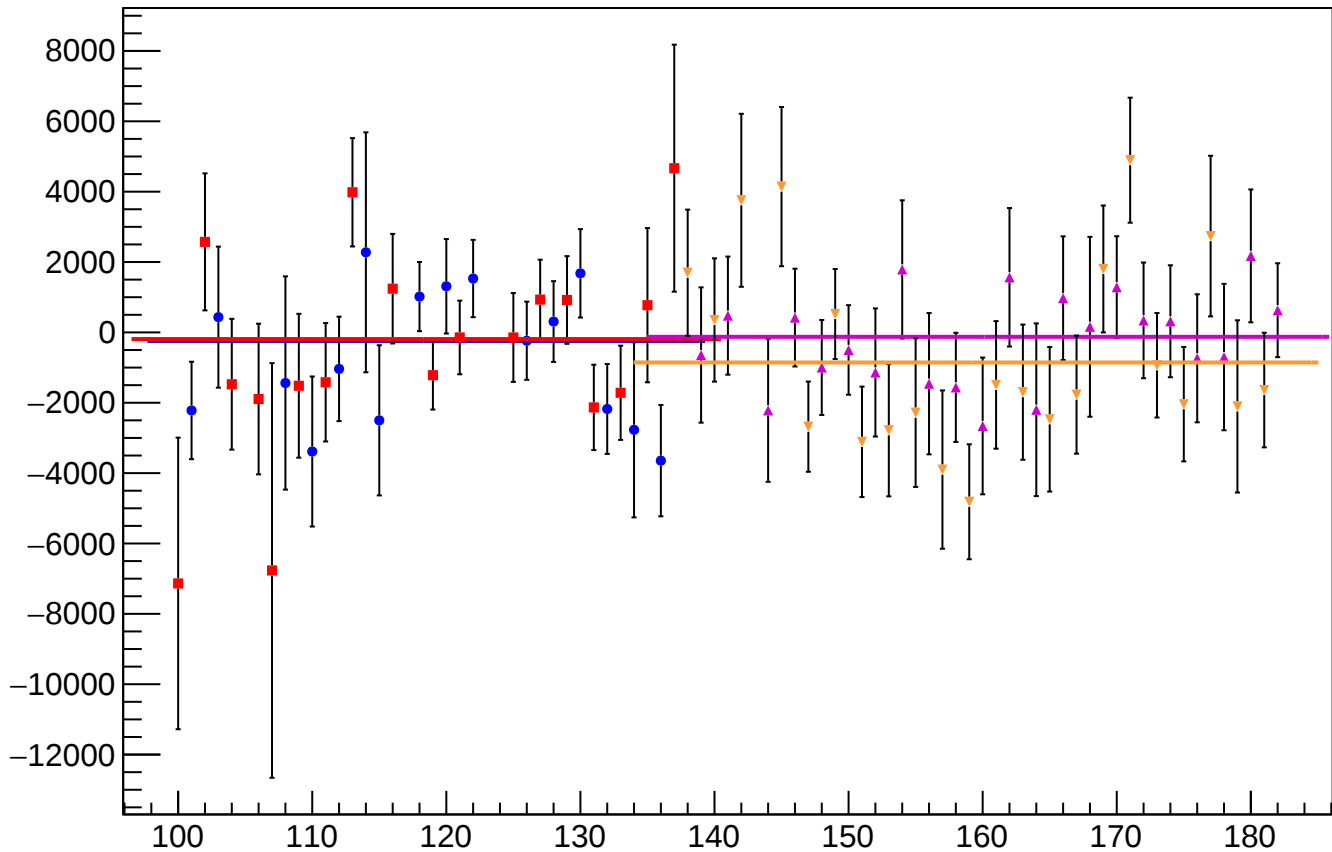
Left In: 1121.312 $\pm$ 0.191 χ^2 /NDF: 9474.5/21

+ sign 1118.463 $\pm$ 0.163 χ^2 /NDF: 28423.6/37

All: 1119.473 $\pm$ 0.115 χ^2 /NDF: 53562.6/77

- sign 1120.455 $\pm$ 0.161 χ^2 /NDF: 25063.6/39

asym_usl_correction_mean vs Slug



Right In: -242.985+/-361.487 χ^2/NDF : 22.5/15

Left Out: -854.369+/-376.301 χ^2/NDF : 42.7/21

Right Out: -189.815+/-357.555 χ^2/NDF : 25.2/17

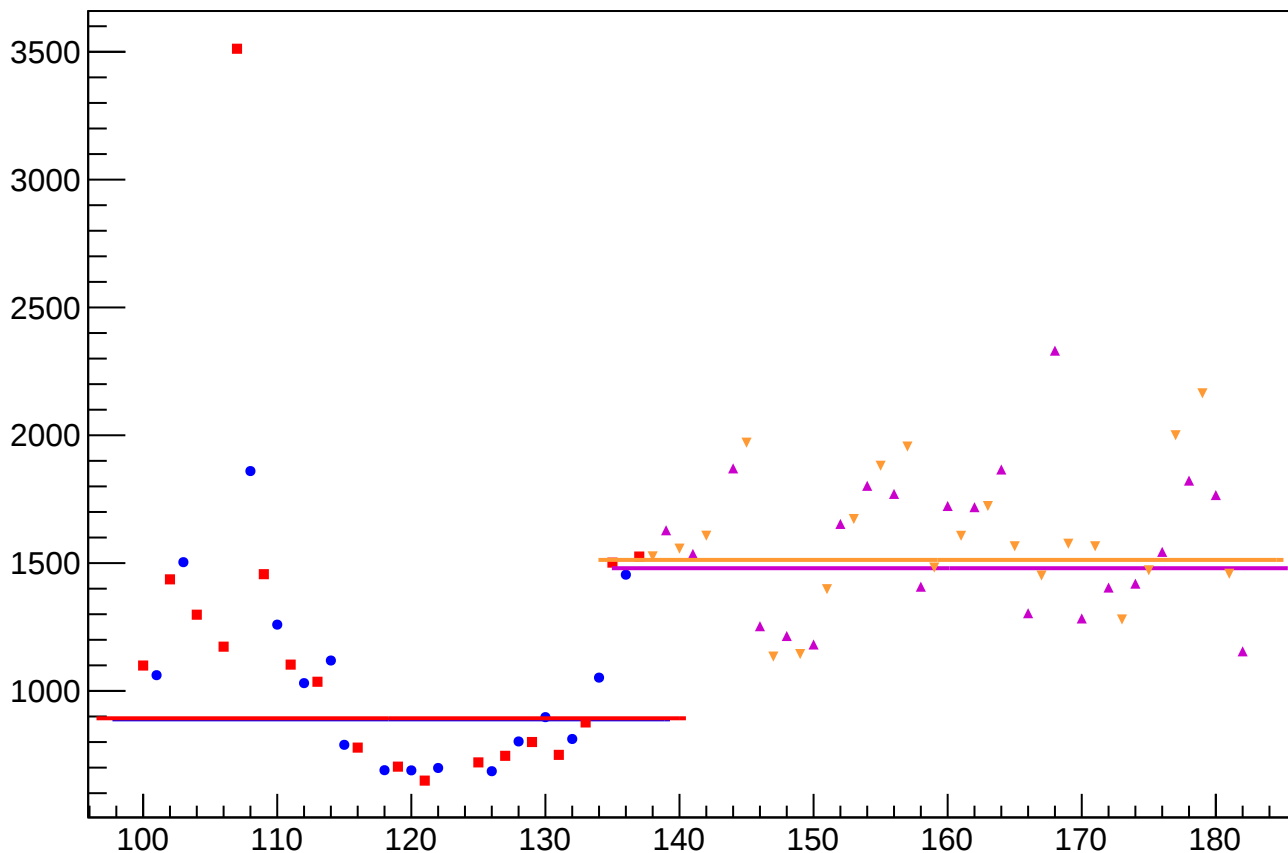
Left In: -126.031+/-363.761 χ^2/NDF : 11.1/21

+ sign -536.406+/-260.689 χ^2/NDF : 66.6/37

All: -343.266+/-182.289 χ^2/NDF : 104.0/77

- sign -158.472+/-254.995 χ^2/NDF : 36.3/39

asym_usl_correction_rms vs Slug



Right In: 888.808+/-0.256 χ^2/NDF : 1052628.4/15

Left Out: 1512.534+/-0.266 χ^2/NDF : 914369.6/21

Right Out: 892.975+/-0.253 χ^2/NDF : 1409163.7/17

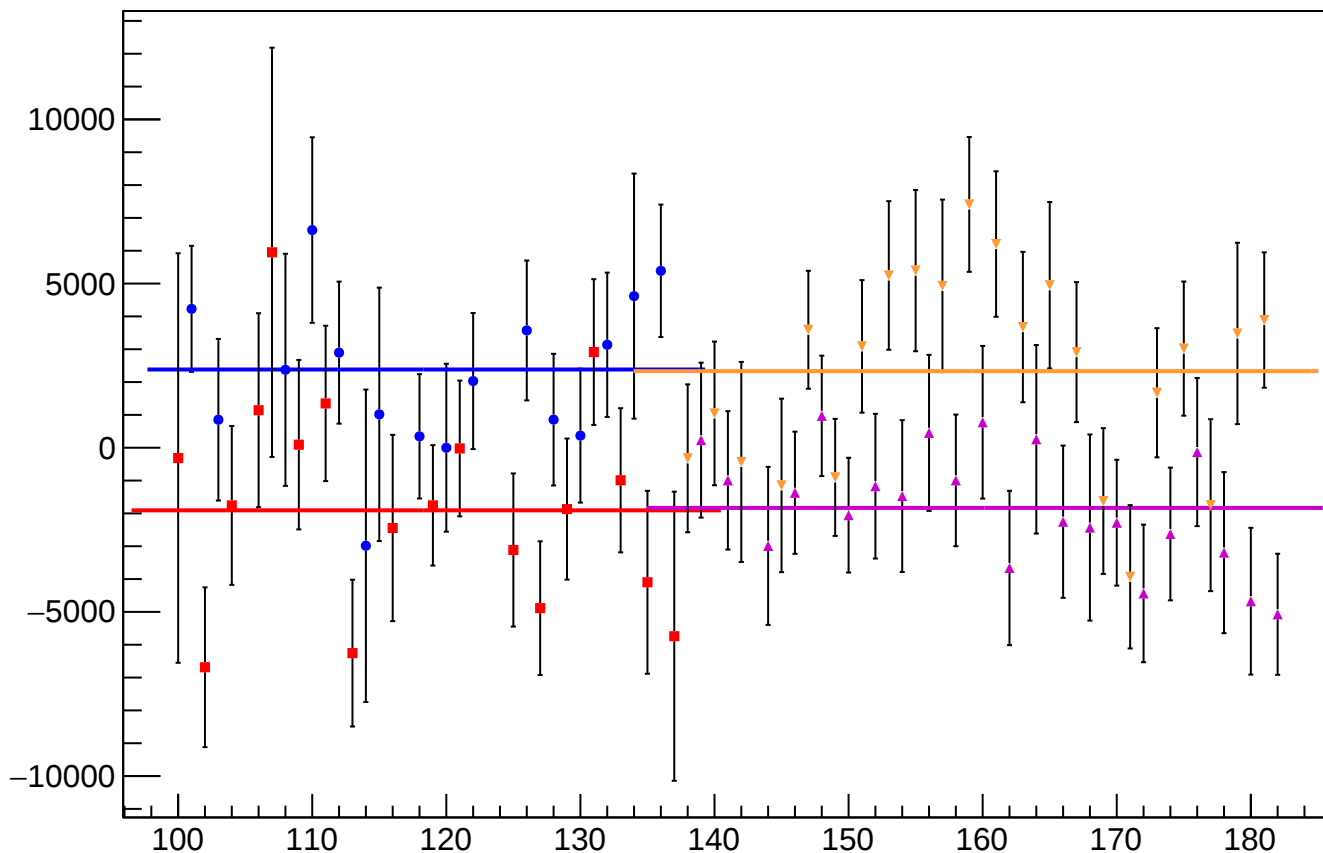
Left In: 1480.018+/-0.257 χ^2/NDF : 1063937.2/21

+ sign 1188.152+/-0.184 χ^2/NDF : 4824652.6/37

All: 1184.725+/-0.129 χ^2/NDF : 9947636.2/77

- sign 1181.446+/-0.180 χ^2/NDF : 5122307.2/39

asym_usl_mean vs Slug



Right In: 2382.736 $\pm$ 590.698 χ^2 /NDF: 11.6/15

Left Out: 2333.263 $\pm$ 473.342 χ^2 /NDF: 37.9/21

Right Out: -1906.871 $\pm$ 584.955 χ^2 /NDF: 22.4/17

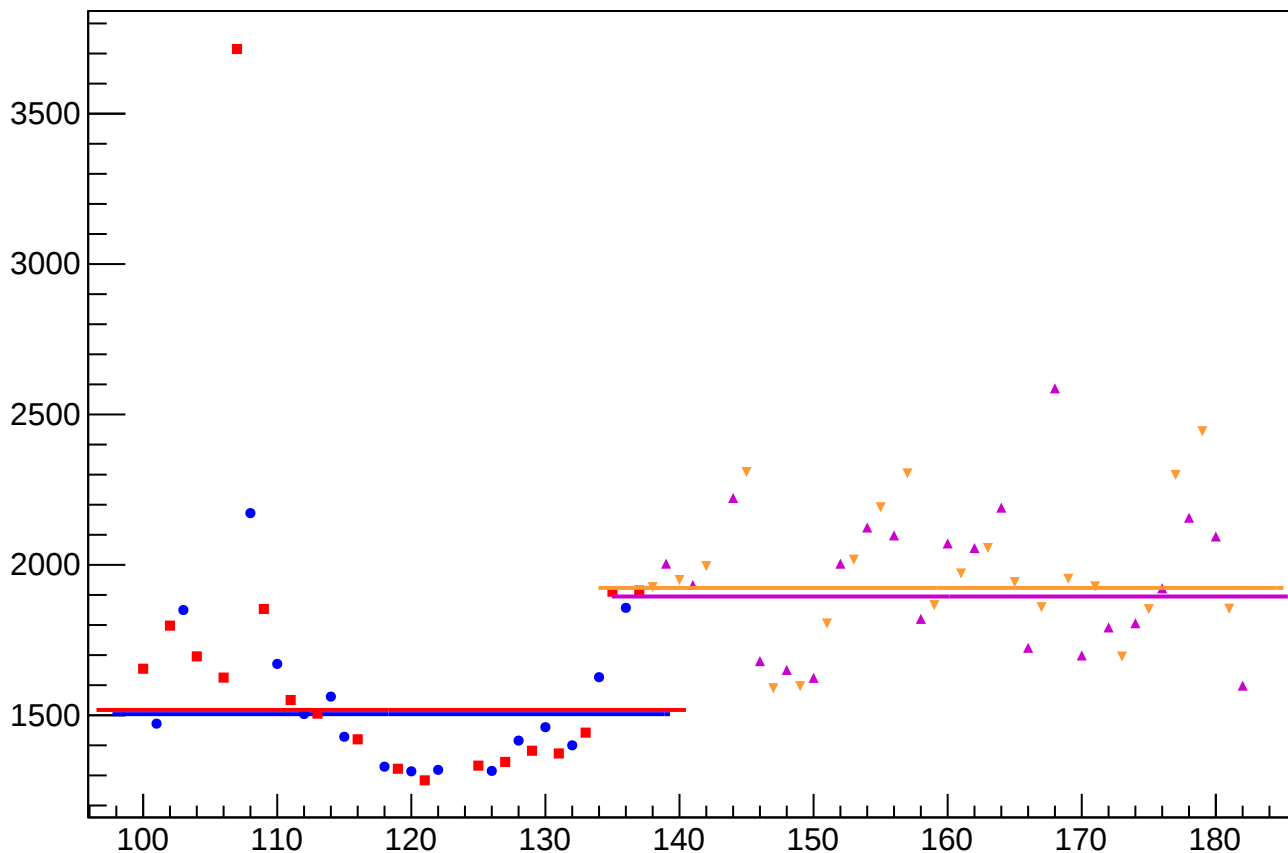
Left In: -1832.640 $\pm$ 460.799 χ^2 /NDF: 14.6/21

+ sign 2352.609 $\pm$ 369.379 χ^2 /NDF: 49.5/37

All: 203.127 $\pm$ 258.533 χ^2 /NDF: 152.9/77

- sign -1861.065 $\pm$ 361.976 χ^2 /NDF: 37.0/39

asym_usl_rms vs Slug



Right In: 1503.676+/-0.418 χ^2/NDF : 252138.4/15

Left Out: 1923.415+/-0.335 χ^2/NDF : 411615.4/21

Right Out: 1517.693+/-0.414 χ^2/NDF : 476469.5/17

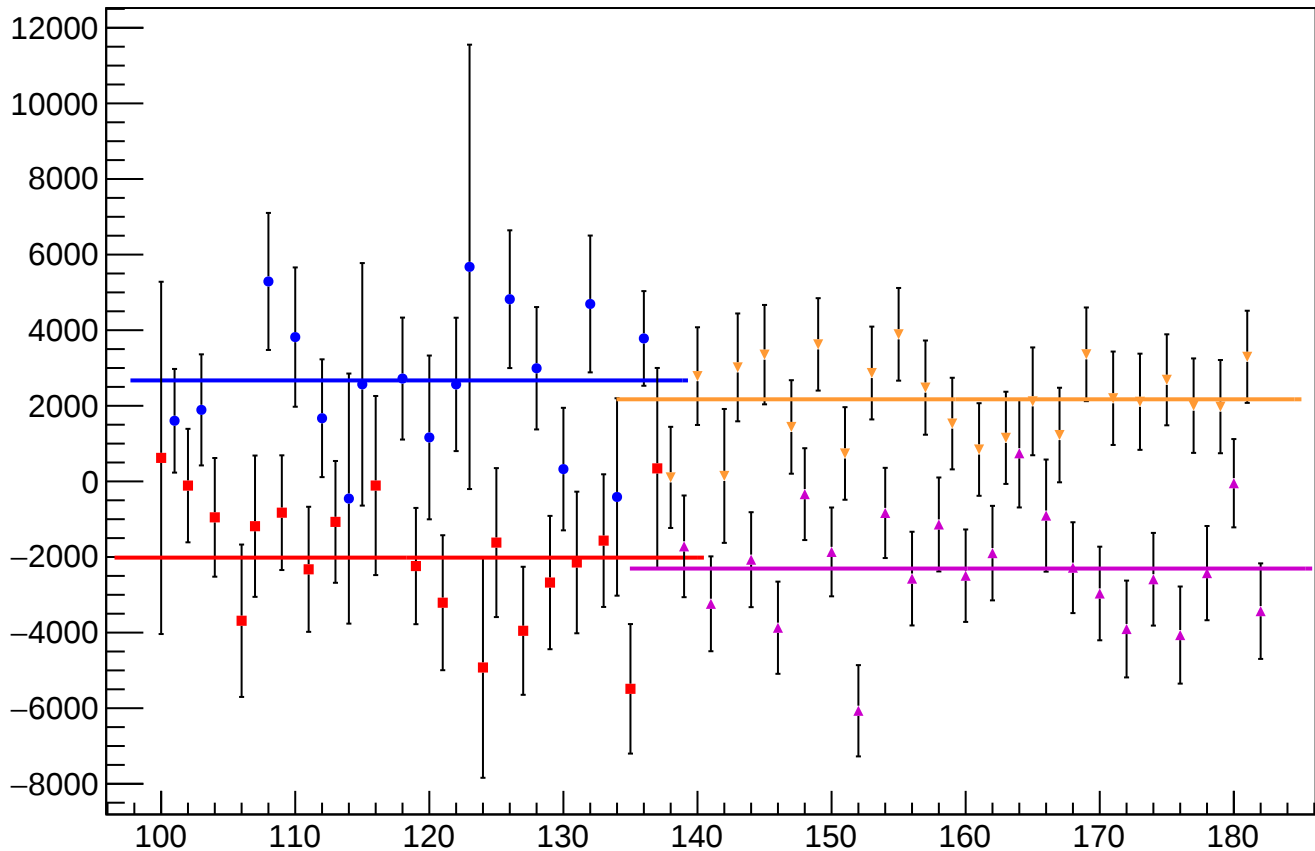
Left In: 1894.788+/-0.326 χ^2/NDF : 486379.1/21

+ sign 1759.284+/-0.261 χ^2/NDF : 1278719.9/37

All: 1754.746+/-0.183 χ^2/NDF : 2755049.1/77

- sign 1750.389+/-0.256 χ^2/NDF : 1475737.6/39

reg_asym_usr_mean vs Slug



Right In: 2671.295+/-434.567 χ^2/NDF : 12.4/16

Left Out: 2171.894+/-264.958 χ^2/NDF : 15.3/22

Right Out: -2016.229+/-420.147 χ^2/NDF : 12.8/18

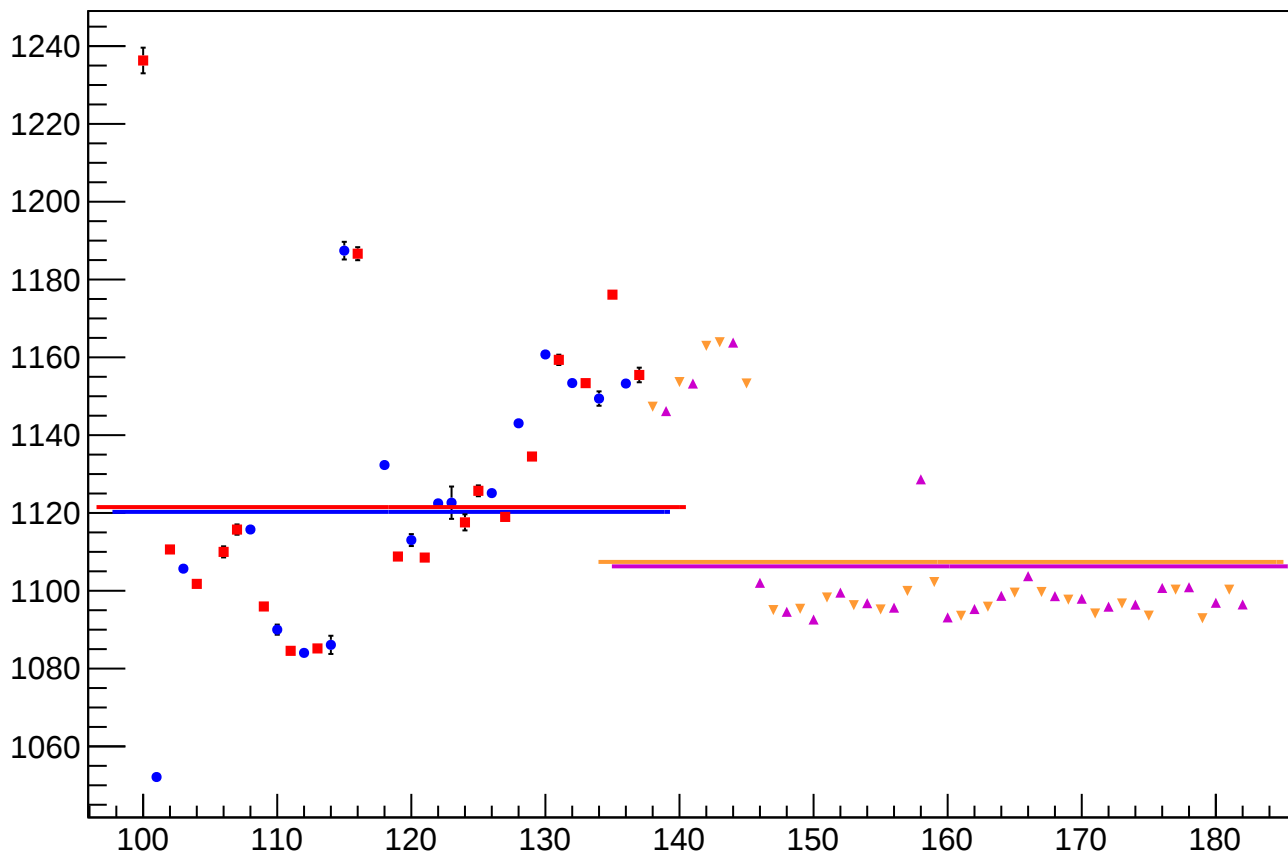
Left In: -2305.648+/-266.685 χ^2/NDF : 31.2/21

+ sign 2307.231+/-226.225 χ^2/NDF : 28.6/39

All: 31.632+/-159.586 χ^2/NDF : 274.4/80

- sign -2222.530+/-225.157 χ^2/NDF : 44.4/40

reg_asym_usr_rms vs Slug



Right In: 1120.277 $\pm$ 0.307 χ^2 /NDF: 11962.7/16

Left Out: 1107.420 $\pm$ 0.187 χ^2 /NDF:14586.1/22

Right Out: 1121.507 $\pm$ 0.297 χ^2 /NDF: 10014.9/18

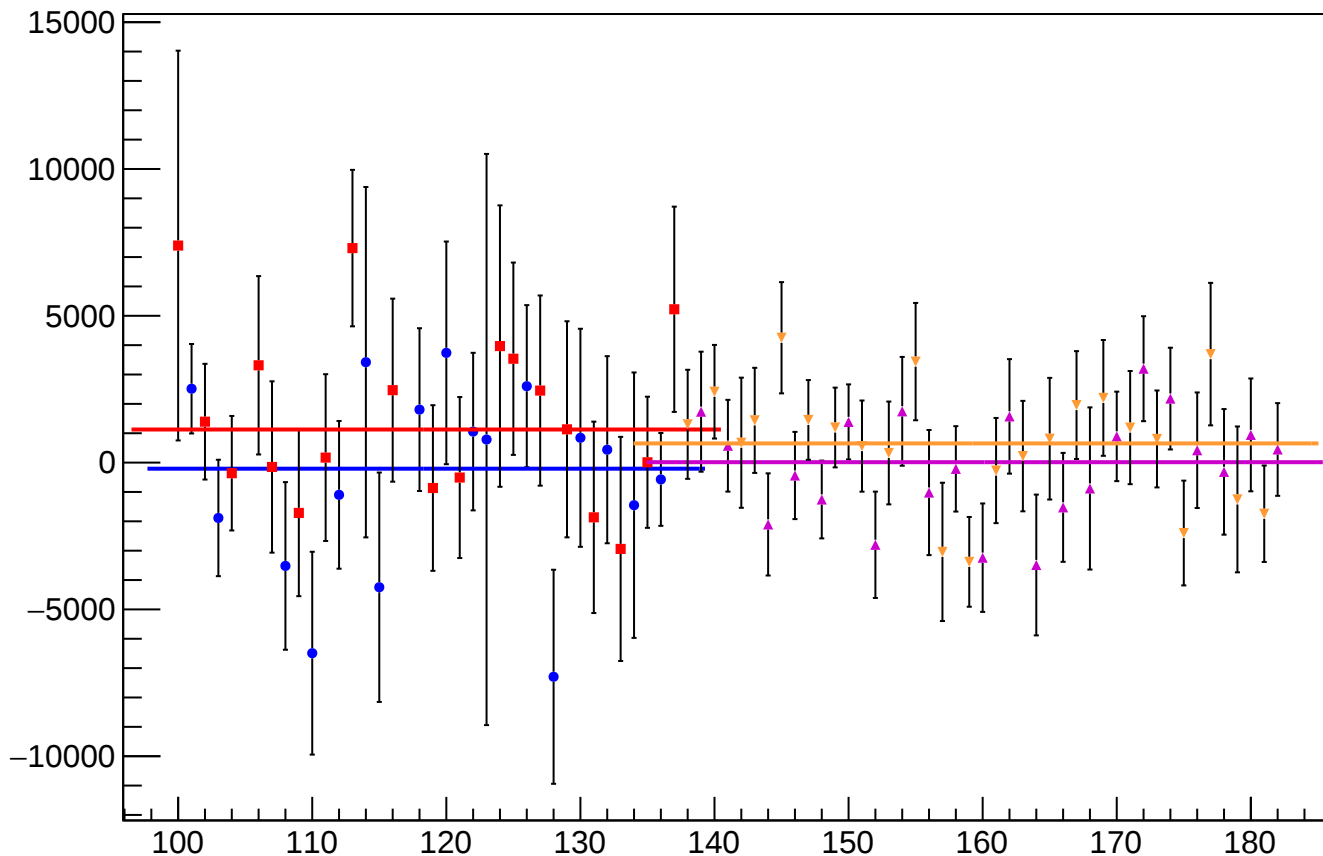
Left In: 1106.277 $\pm$ 0.189 χ^2 /NDF:11419.8/21

+ sign 1110.904 $\pm$ 0.160 χ^2 /NDF: 27825.2/39

All: 1110.777 $\pm$ 0.113 χ^2 /NDF: 51134.5/80

- sign 1110.651 $\pm$ 0.159 χ^2 /NDF: 23308.0/40

asym_usr_correction_mean vs Slug



Right In: -207.352 ± 656.632 $\chi^2/\text{NDF}: 17.0/16$

Left Out: 653.341 ± 372.765 $\chi^2/\text{NDF}: 25.8/22$

Right Out: 1127.444 ± 663.569 $\chi^2/\text{NDF}: 14.4/18$

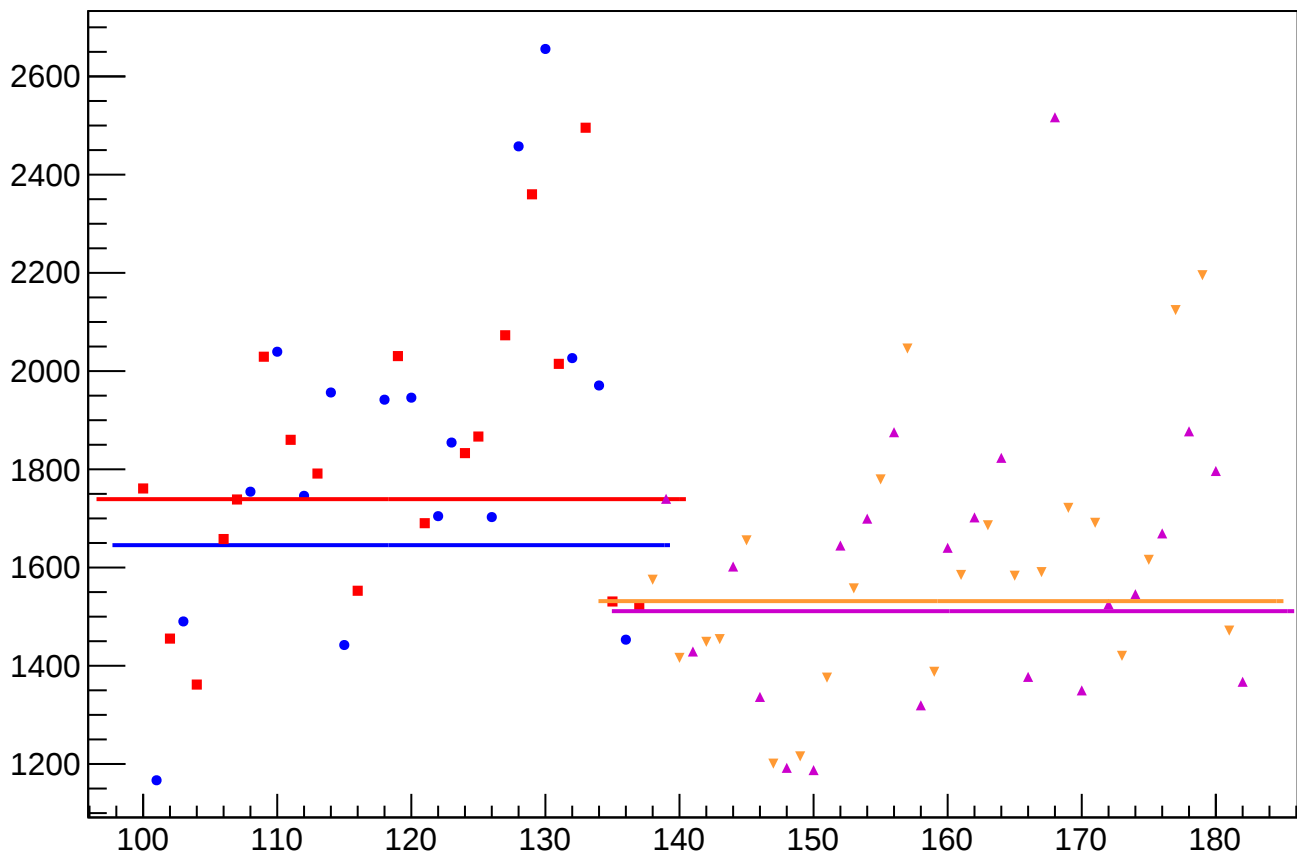
Left In: 13.902 ± 370.595 $\chi^2/\text{NDF}: 20.1/21$

+ sign 443.566 ± 324.171 $\chi^2/\text{NDF}: 44.1/39$

All: 360.950 ± 229.005 $\chi^2/\text{NDF}: 81.0/80$

- sign 278.648 ± 323.555 $\chi^2/\text{NDF}: 36.7/40$

asym_usr_correction_rms vs Slug



Right In: 1645.579+/-0.464 χ^2/NDF : 606697.8/16

Left Out: 1531.595+/-0.264 χ^2/NDF : 747348.6/22

Right Out: 1739.254+/-0.469 χ^2/NDF : 372578.2/18

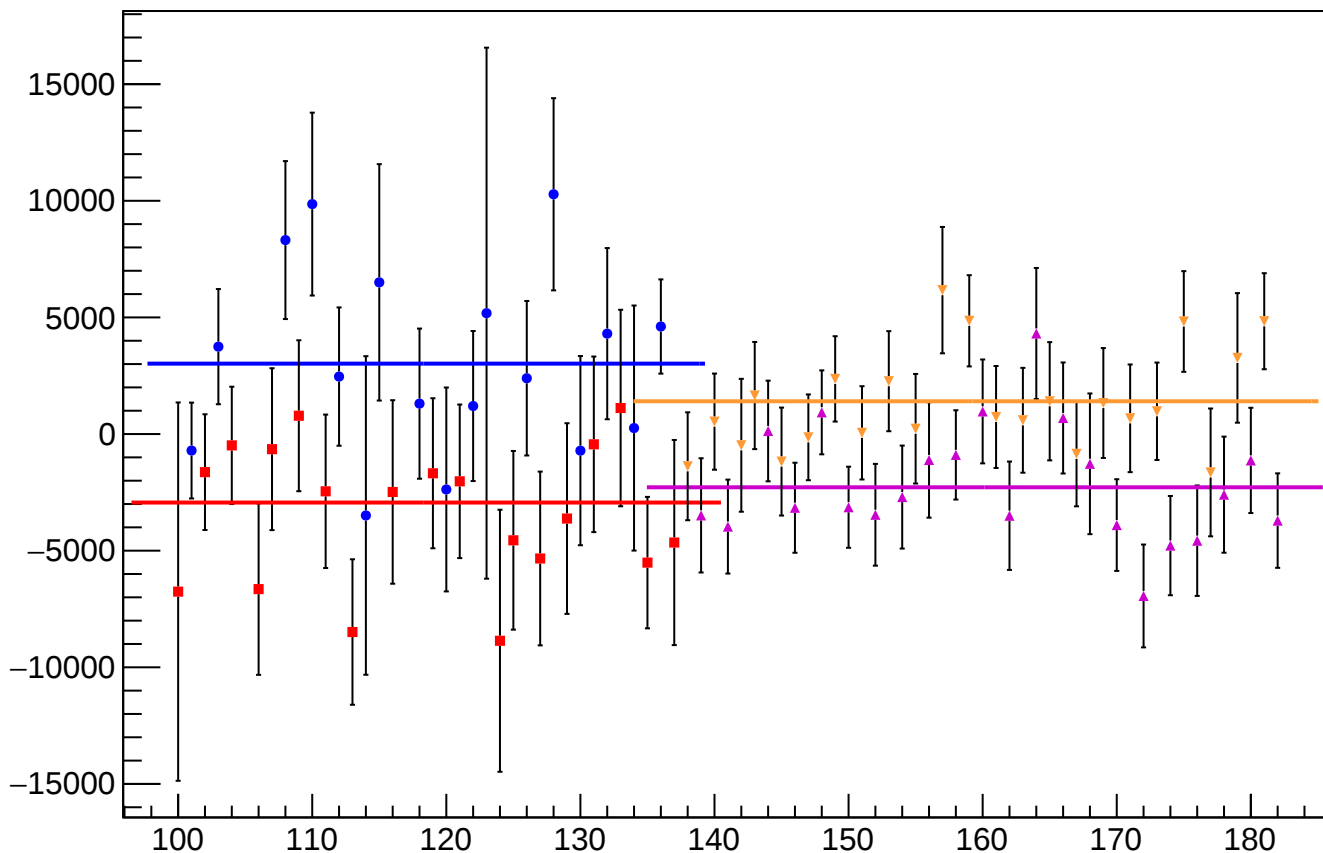
Left In: 1511.179+/-0.262 χ^2/NDF : 926790.4/21

+ sign 1559.376+/-0.229 χ^2/NDF : 1399624.1/39

All: 1562.396+/-0.162 χ^2/NDF : 2879437.7/80

- sign 1565.404+/-0.229 χ^2/NDF : 1479467.2/40

asym_usr_mean vs Slug



Right In: 3018.495 $\pm$ 804.013 χ^2 /NDF: 17.5/16

Left Out: 1405.620 $\pm$ 464.518 χ^2 /NDF: 19.7/22

Right Out: -2936.563 $\pm$ 797.151 χ^2 /NDF: 11.7/18

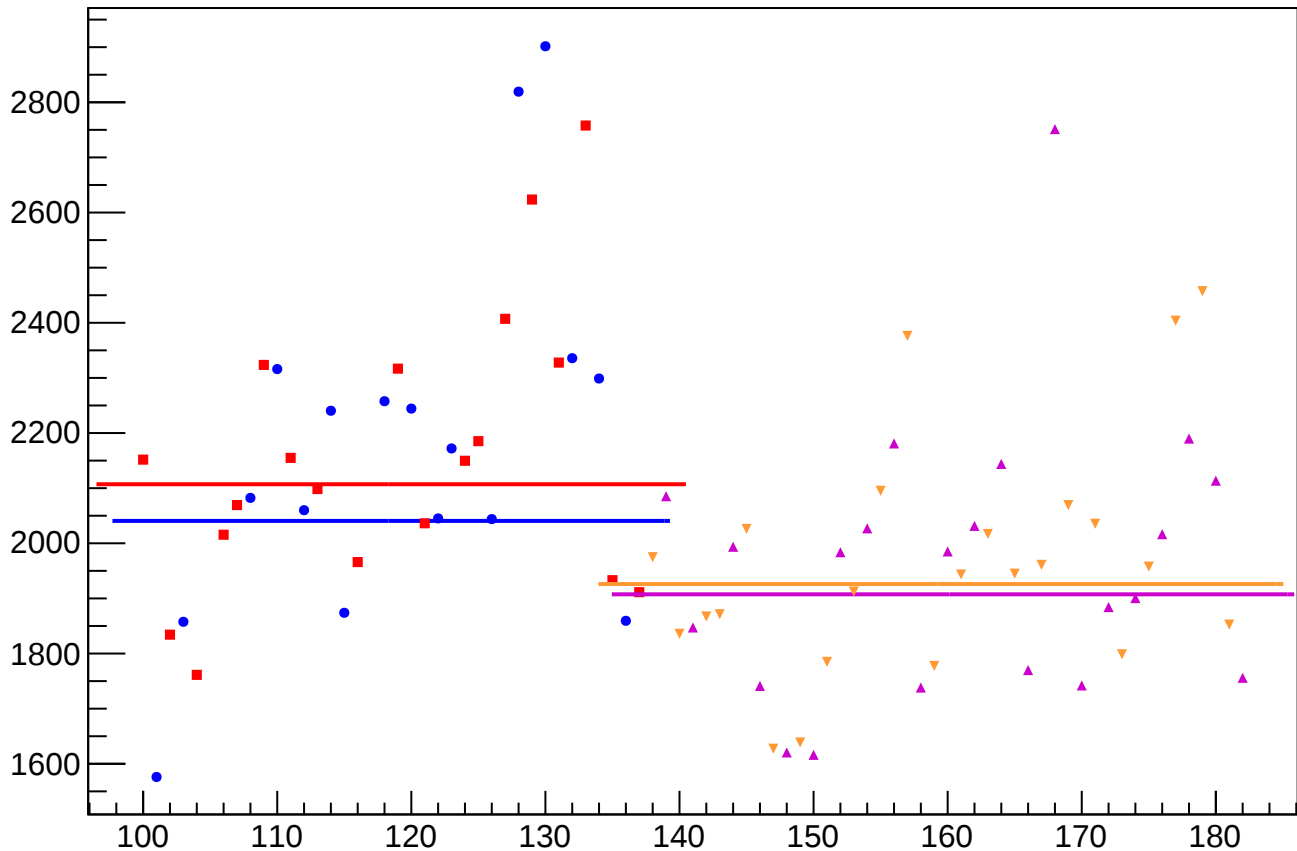
Left In: -2282.342 $\pm$ 463.546 χ^2 /NDF: 24.7/21

+ sign 1809.257 $\pm$ 402.215 χ^2 /NDF: 40.2/39

All: -327.127 $\pm$ 283.879 χ^2 /NDF: 133.4/80

- sign -2447.662 $\pm$ 400.720 χ^2 /NDF: 37.0/40

asym_usr_rms vs Slug



Right In: 2040.634+/-0.569 χ^2/NDF : 336565.5/16

Left Out: 1926.092+/-0.328 χ^2/NDF : 360042.4/22

Right Out: 2107.120+/-0.564 χ^2/NDF : 197006.9/18

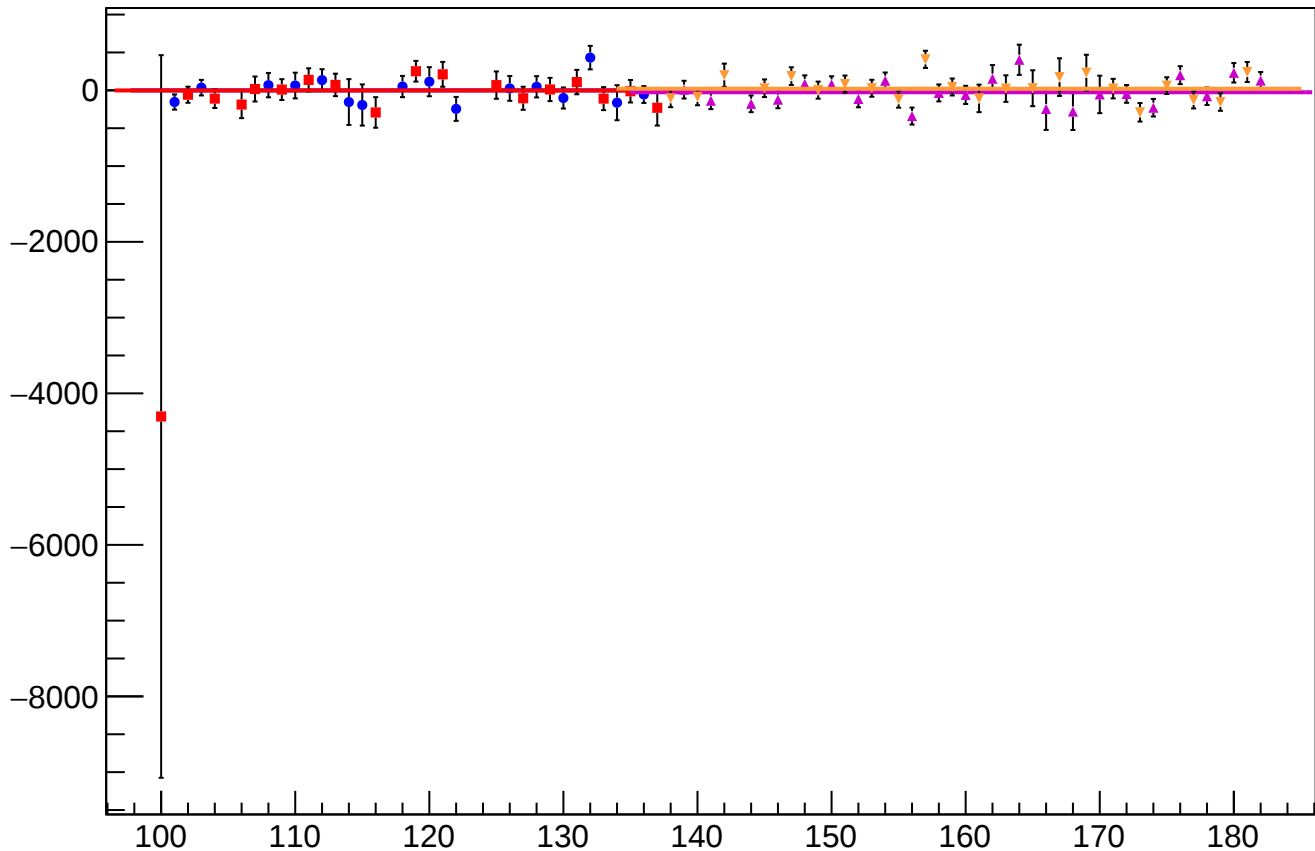
Left In: 1907.409+/-0.328 χ^2/NDF : 443632.3/21

+ sign 1954.757+/-0.284 χ^2/NDF : 727040.8/39

All: 1956.322+/-0.201 χ^2/NDF : 1461550.8/80

- sign 1957.875+/-0.283 χ^2/NDF : 734449.7/40

reg_asym_dsl_mean vs Slug



Right In: -0.770 ± 36.771 χ^2/NDF : 16.5/15

Left Out: 21.356 ± 27.203 χ^2/NDF : 34.1/21

Right Out: -1.460 ± 36.756 χ^2/NDF : 13.8/17

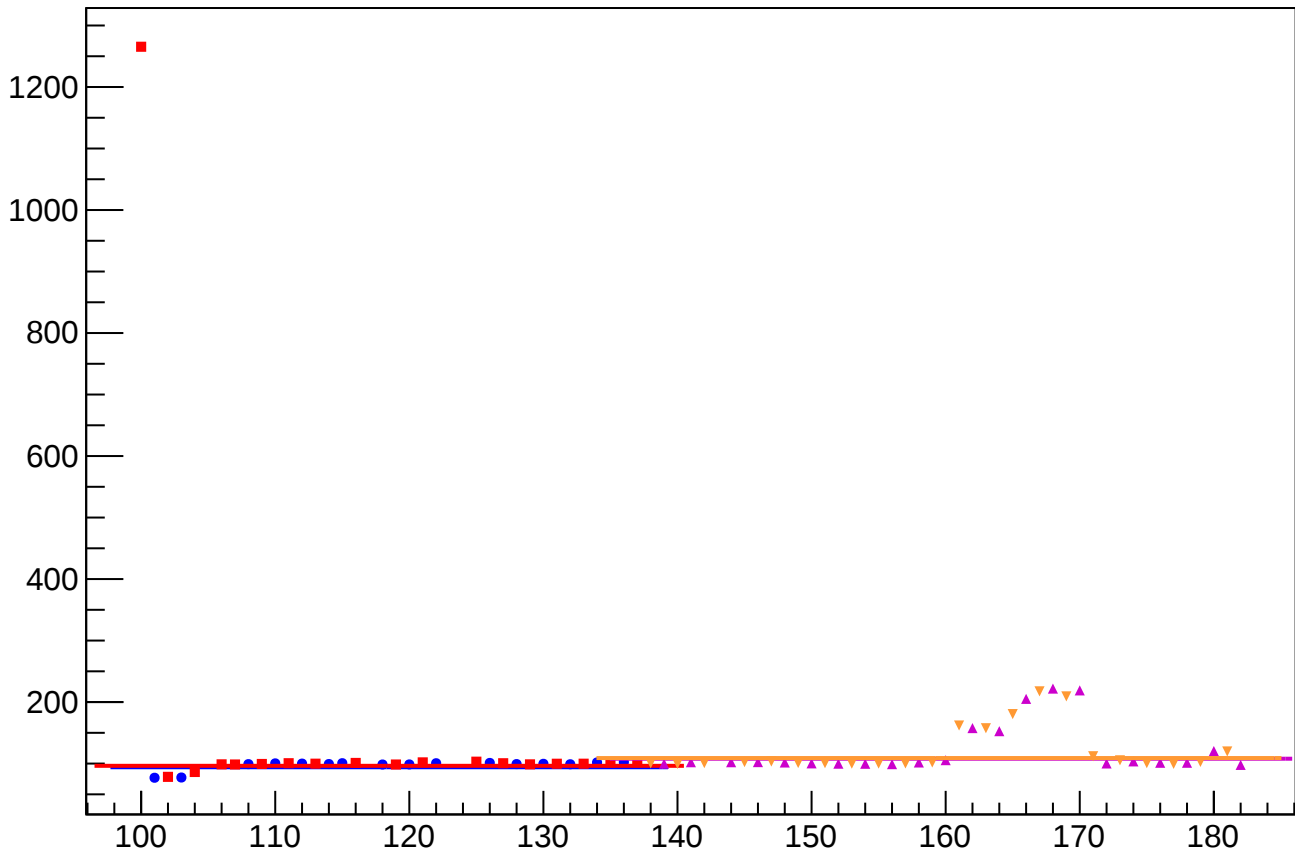
Left In: -25.455 ± 26.628 χ^2/NDF : 36.4/21

+ sign 13.530 ± 21.869 χ^2/NDF : 50.8/37

All: -2.049 ± 15.355 χ^2/NDF : 102.3/77

- sign -17.196 ± 21.564 χ^2/NDF : 50.4/39

reg_asym_dsl_rms vs Slug



Right In: 94.047 $\pm$ 0.026 χ^2 /NDF: 152068.3/15

Left Out: 108.969 $\pm$ 0.019 χ^2 /NDF: 1402165.8/21

Right Out: 96.358 $\pm$ 0.026 χ^2 /NDF: 209109.4/17

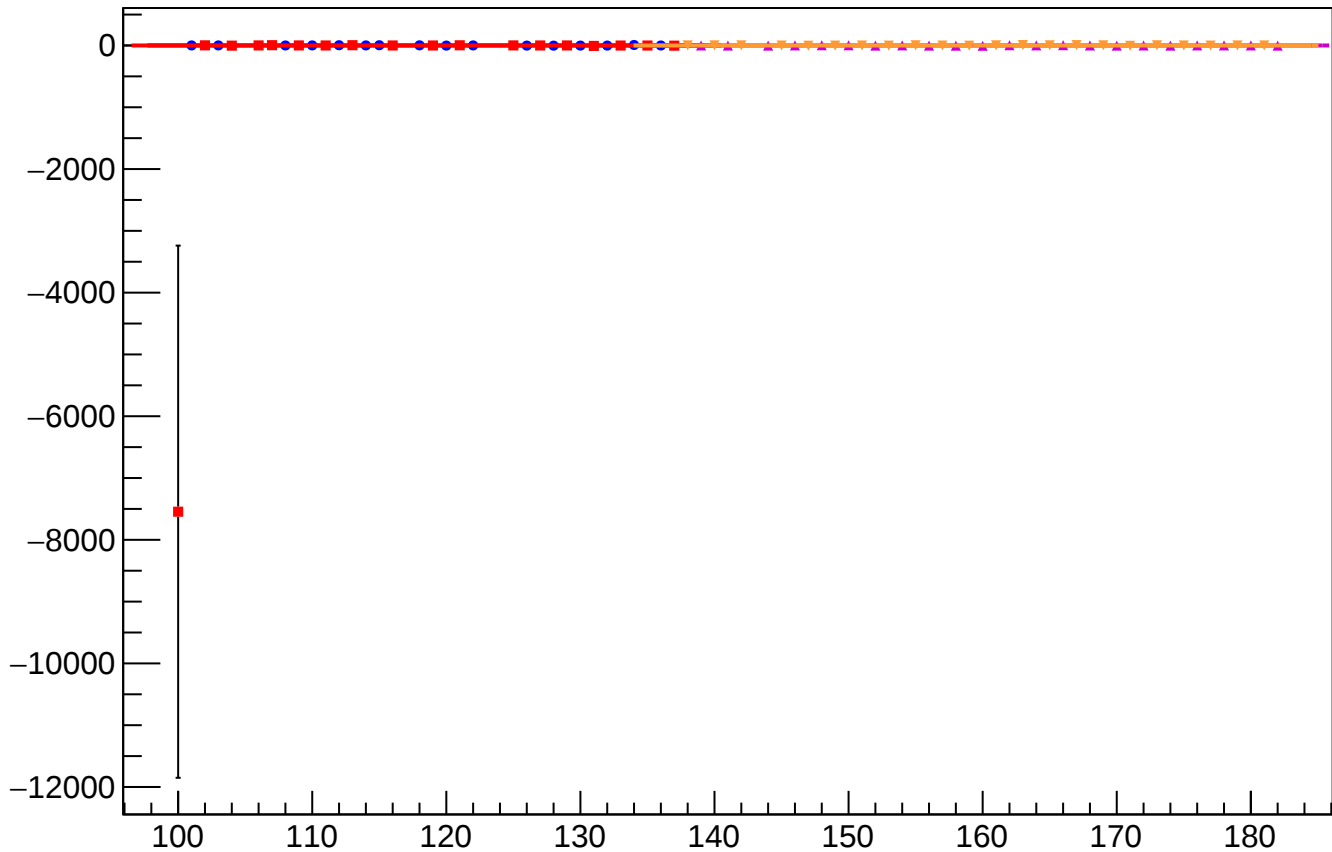
Left In: 107.912 $\pm$ 0.019 χ^2 /NDF: 1483389.3/21

+ sign 103.691 $\pm$ 0.015 χ^2 /NDF: 1767078.3/37

All: 103.815 $\pm$ 0.011 χ^2 /NDF: 3589317.5/77

- sign 103.936 $\pm$ 0.015 χ^2 /NDF: 1822112.1/39

asym_dsl_correction_mean vs Slug



Right In: 0.390 ± 0.617 χ^2/NDF : 10.4/15

Left Out: -0.389 ± 0.489 χ^2/NDF : 27.3/21

Right Out: 0.344 ± 0.644 χ^2/NDF : 21.0/17

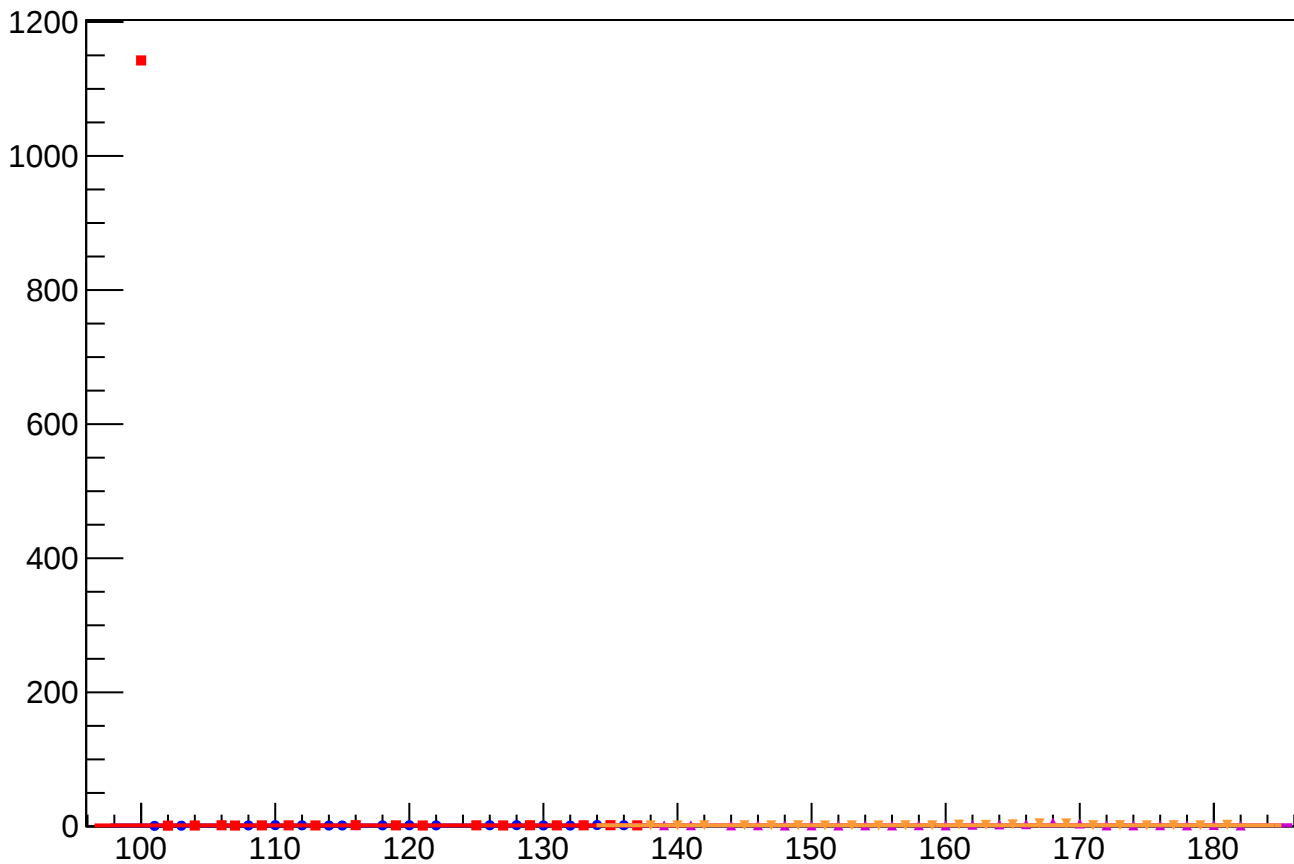
Left In: -0.001 ± 0.490 χ^2/NDF : 24.0/21

+ sign -0.089 ± 0.383 χ^2/NDF : 38.7/37

All: 0.016 ± 0.273 χ^2/NDF : 84.0/77

- sign 0.126 ± 0.390 χ^2/NDF : 45.2/39

asym_dsl_correction_rms vs Slug



Right In: 1.420 $\pm$ 0.000 χ^2 /NDF: 713301.5/15

Left Out: 1.768 $\pm$ 0.000 χ^2 /NDF: 1593436.3/21

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 313943.5/17

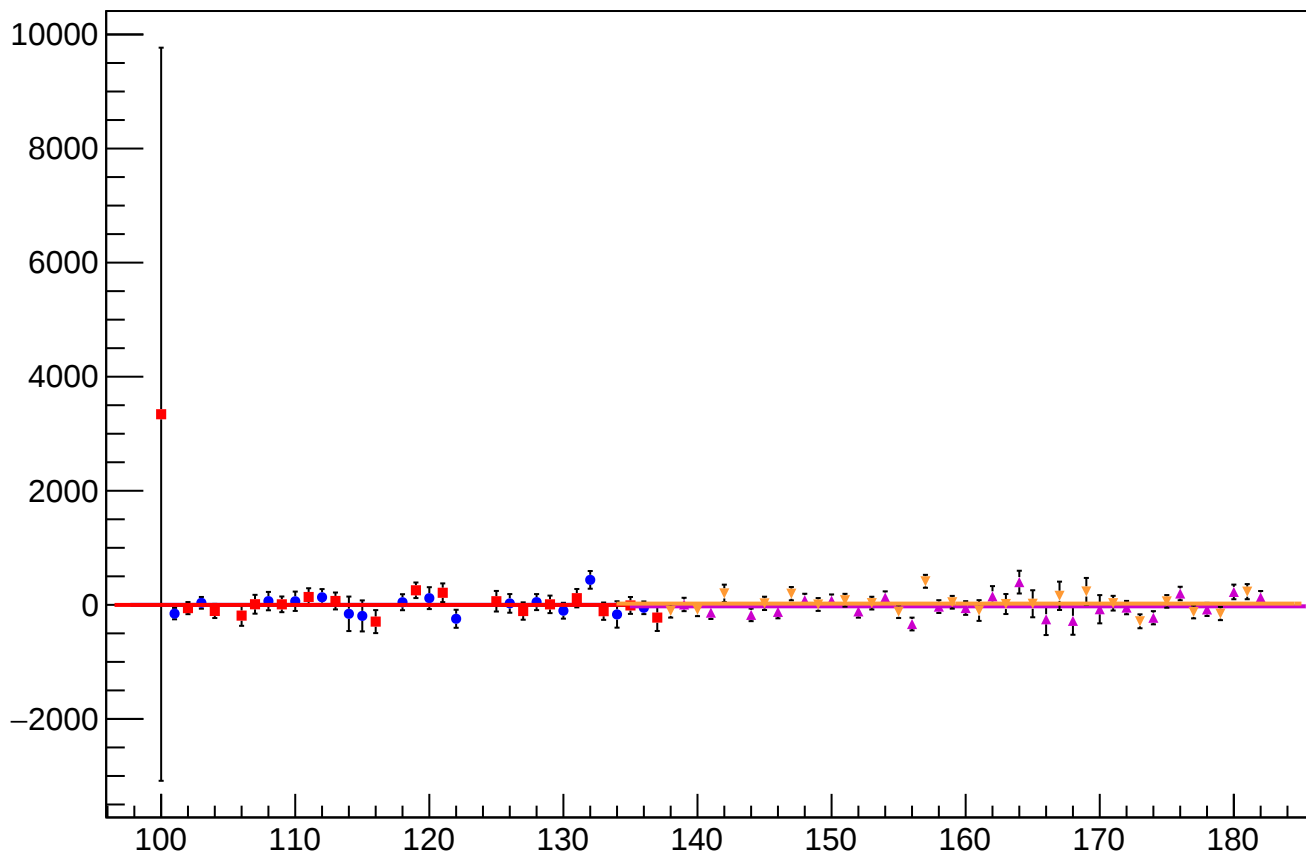
Left In: 1.805 $\pm$ 0.000 χ^2 /NDF: 1919529.4/21

+ sign 1.634 $\pm$ 0.000 χ^2 /NDF: 2697461.6/37

All: 1.673 $\pm$ 0.000 χ^2 /NDF: 5163510.2/77

- sign 1.713 $\pm$ 0.000 χ^2 /NDF: 2424003.0/39

asym_dsl_mean vs Slug



Right In: -0.474 ± 36.781 $\chi^2/\text{NDF}: 16.7/15$

Left Out: 21.855 ± 27.212 $\chi^2/\text{NDF}: 34.0/21$

Right Out: -1.223 ± 36.766 $\chi^2/\text{NDF}: 13.3/17$

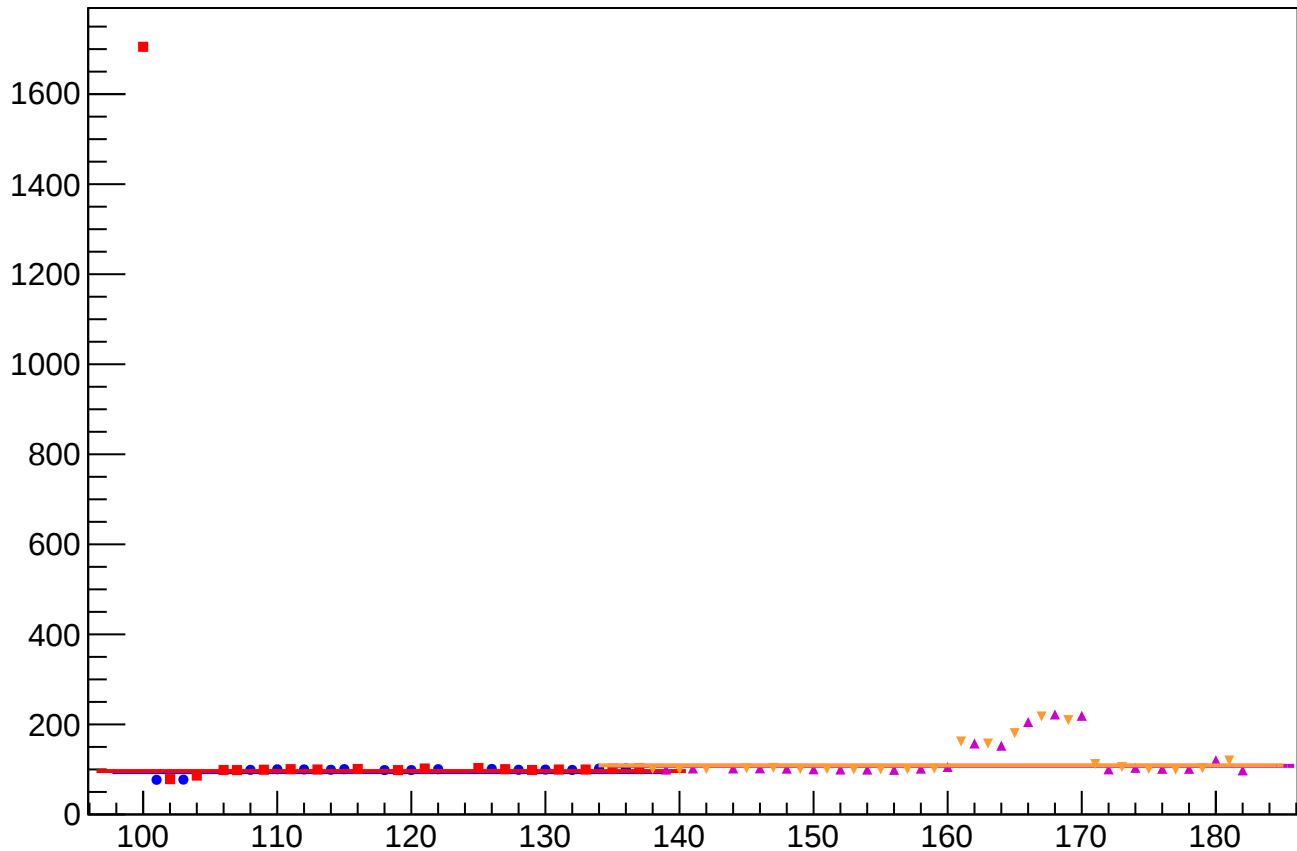
Left In: -25.892 ± 26.636 $\chi^2/\text{NDF}: 35.7/21$

+ sign 13.957 ± 21.876 $\chi^2/\text{NDF}: 50.9/37$

All: -1.942 ± 15.359 $\chi^2/\text{NDF}: 101.3/77$

- sign -17.401 ± 21.570 $\chi^2/\text{NDF}: 49.3/39$

asym_dsl_rms vs Slug



Right In: 94.071 $\pm$ 0.026 χ^2 /NDF: 152087.2/15

Left Out: 109.000 $\pm$ 0.019 χ^2 /NDF: 1403557.2/21

Right Out: 96.367 $\pm$ 0.026 χ^2 /NDF: 214243.8/17

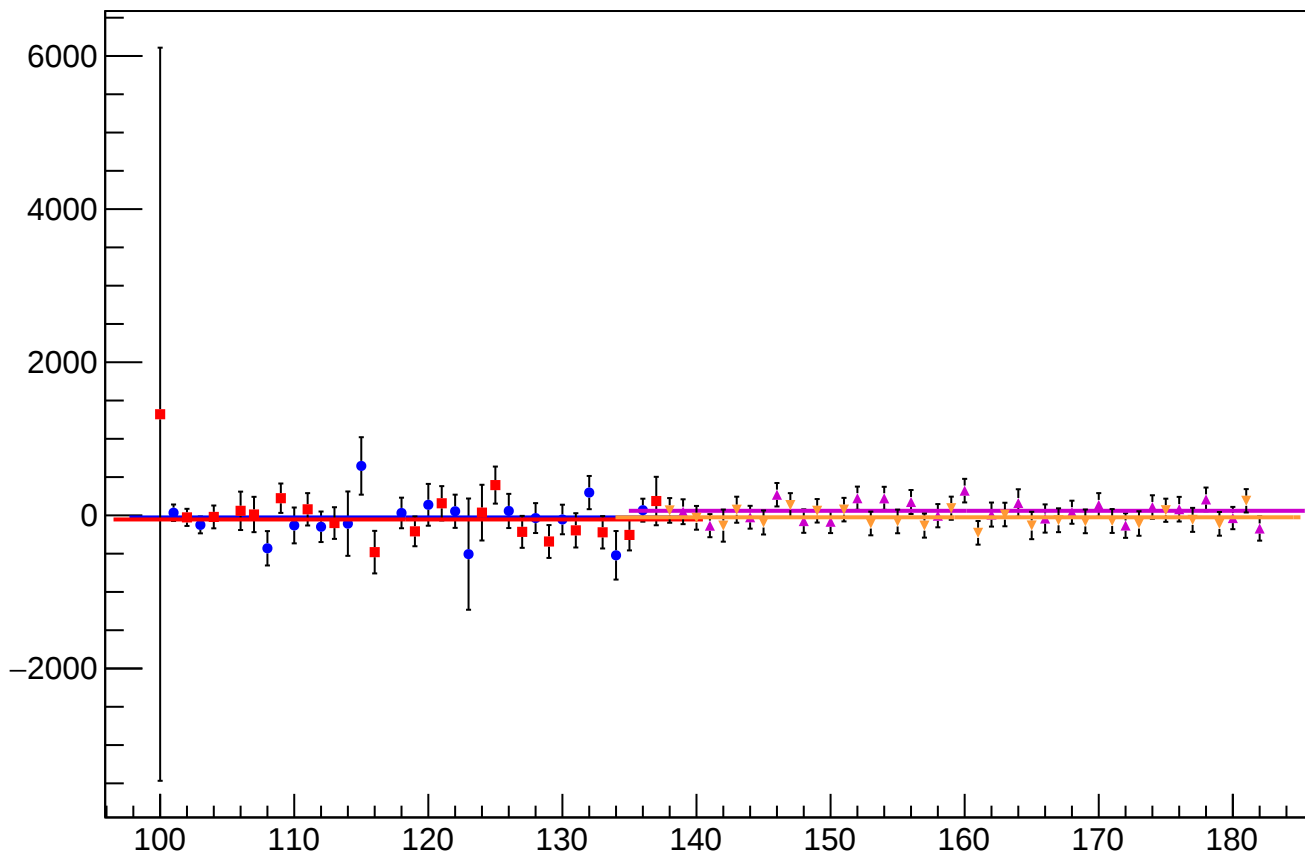
Left In: 107.943 $\pm$ 0.019 χ^2 /NDF: 1484691.6/21

+ sign 103.719 $\pm$ 0.015 χ^2 /NDF: 1768565.4/37

All: 103.841 $\pm$ 0.011 χ^2 /NDF: 3597656.4/77

- sign 103.959 $\pm$ 0.015 χ^2 /NDF: 1828969.3/39

reg_asym_dsr_mean vs Slug



Right In: -26.797 ± 46.841 χ^2/NDF : 14.4/16

Left Out: -25.041 ± 32.977 χ^2/NDF : 9.8/22

Right Out: -53.384 ± 47.775 χ^2/NDF : 15.4/18

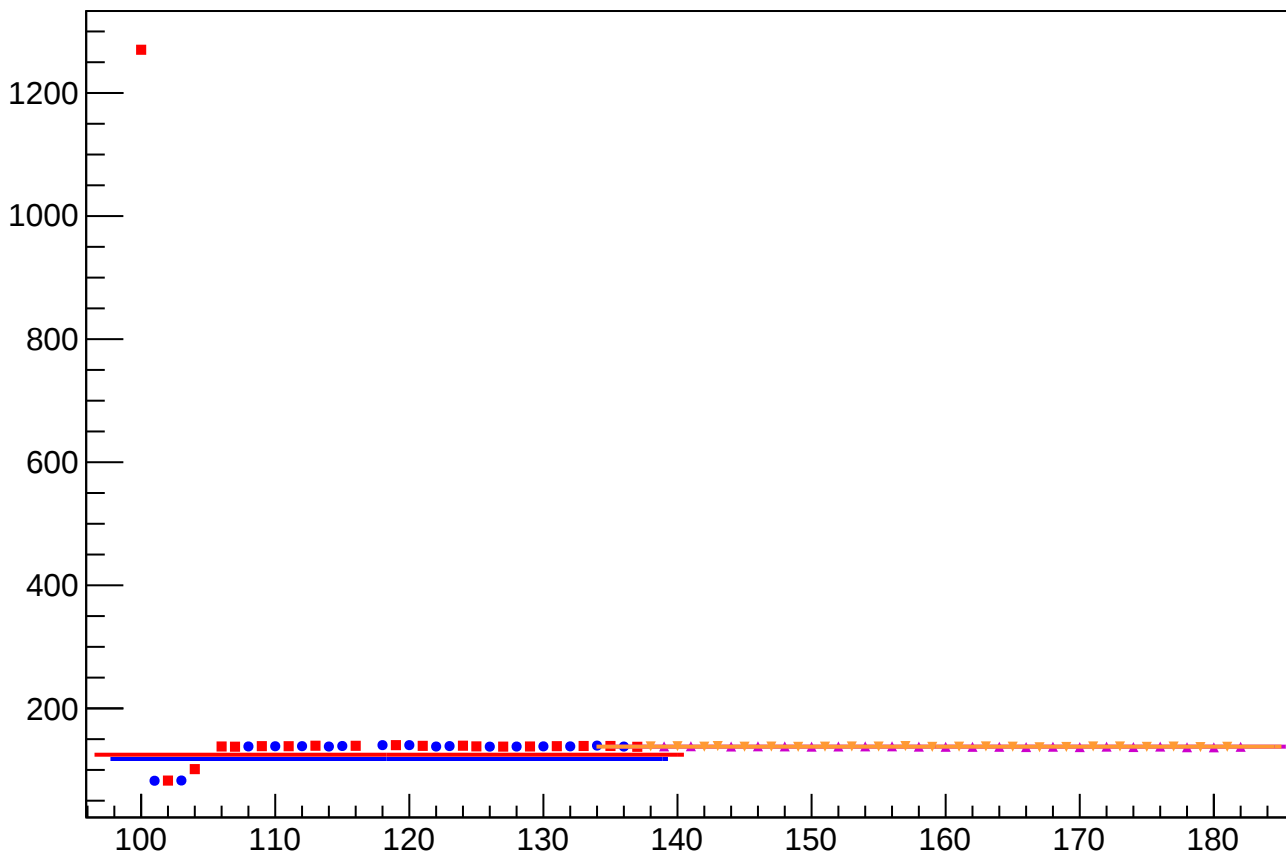
Left In: 59.688 ± 33.218 χ^2/NDF : 17.5/21

+ sign -25.623 ± 26.965 χ^2/NDF : 24.2/39

All: -1.668 ± 19.175 χ^2/NDF : 62.5/80

- sign 22.839 ± 27.273 χ^2/NDF : 36.7/40

reg_asym_dsr_rms vs Slug



Right In: 117.762 $\pm$ 0.033 χ^2 /NDF: 665636.8/16

Left Out: 137.851 $\pm$ 0.023 χ^2 /NDF: 404.6/22

Right Out: 124.724 $\pm$ 0.034 χ^2 /NDF: 569285.6/18

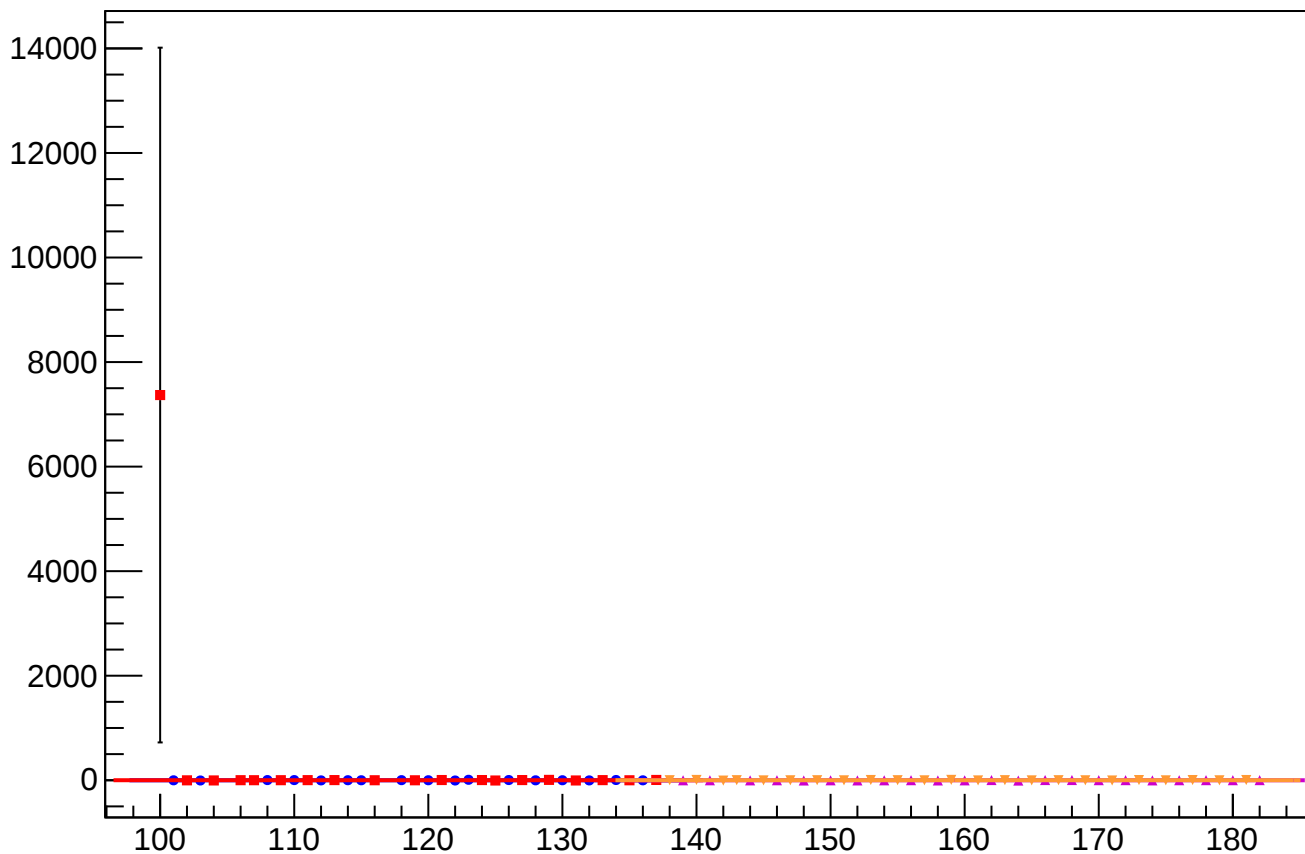
Left In: 137.810 $\pm$ 0.023 χ^2 /NDF: 456.5/21

+ sign 131.193 $\pm$ 0.019 χ^2 /NDF: 912006.6/39

All: 132.356 $\pm$ 0.014 χ^2 /NDF: 1590425.2/80

- sign 133.546 $\pm$ 0.019 χ^2 /NDF: 670895.7/40

asym_dsr_correction_mean vs Slug



Right In: -0.719 ± 0.810 χ^2/NDF : 12.2/16

Left Out: 0.575 ± 0.585 χ^2/NDF : 28.2/22

Right Out: 0.638 ± 0.852 χ^2/NDF : 14.7/18

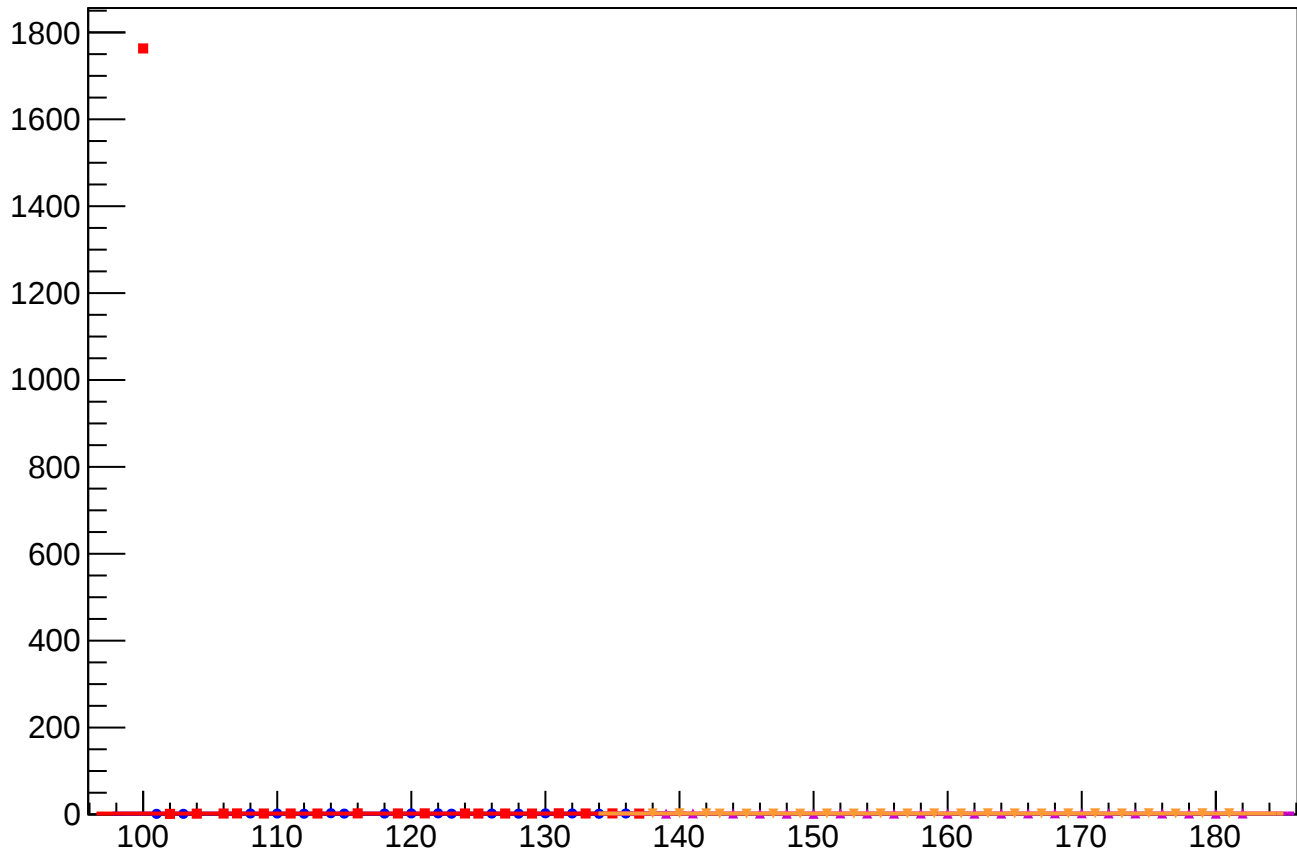
Left In: -0.205 ± 0.583 χ^2/NDF : 19.2/21

+ sign 0.131 ± 0.474 χ^2/NDF : 42.1/39

All: 0.098 ± 0.338 χ^2/NDF : 76.7/80

- sign 0.064 ± 0.481 χ^2/NDF : 34.6/40

asym_dsr_correction_rms vs Slug



Right In: 1.865 $\pm$ 0.001 χ^2 /NDF: 489750.7/16

Left Out: 2.248 $\pm$ 0.000 χ^2 /NDF: 358043.7/22

Right Out: 2.064 $\pm$ 0.001 χ^2 /NDF: 521829.5/18

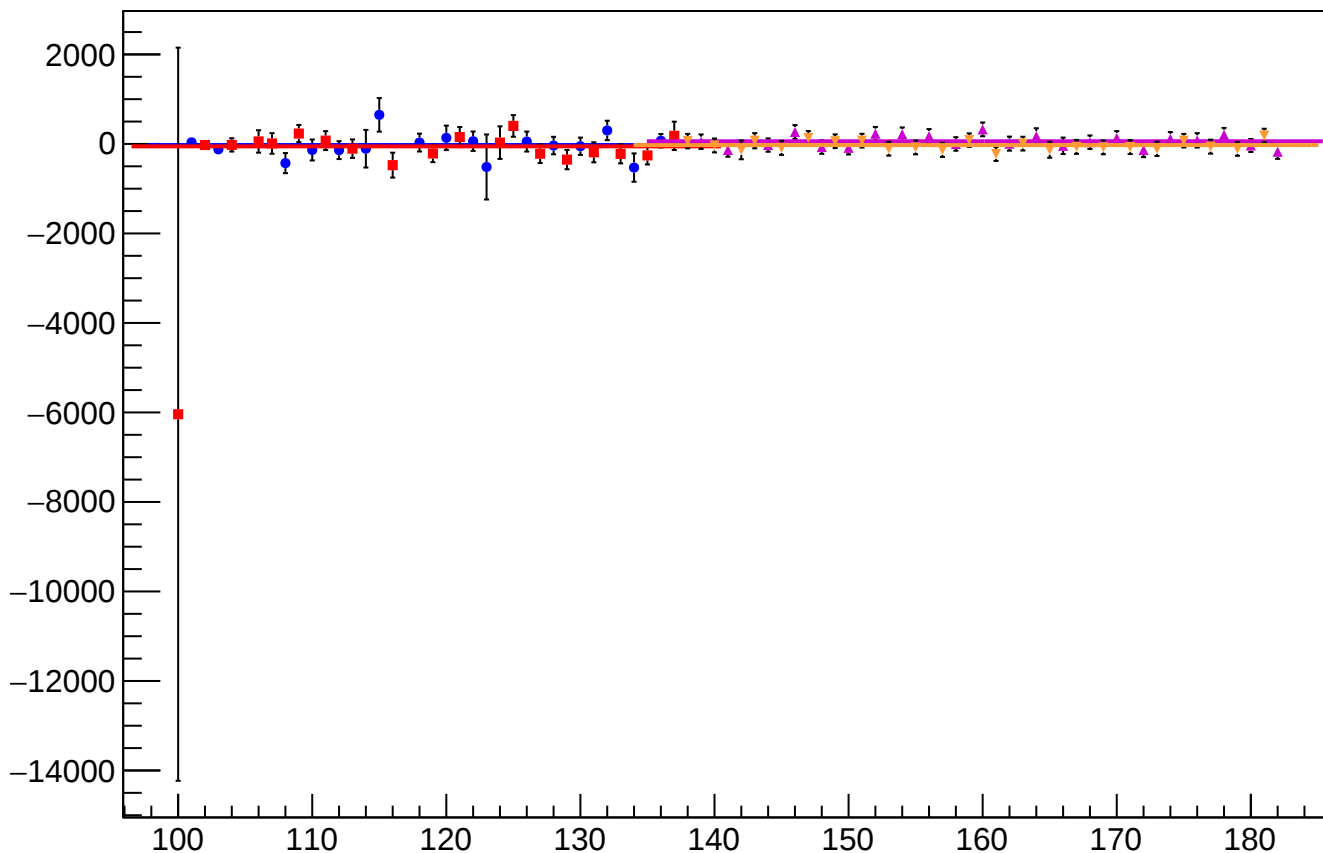
Left In: 2.191 $\pm$ 0.000 χ^2 /NDF: 509034.2/21

+ sign 2.116 $\pm$ 0.000 χ^2 /NDF: 1140693.4/39

All: 2.133 $\pm$ 0.000 χ^2 /NDF: 2206854.7/80

- sign 2.150 $\pm$ 0.000 χ^2 /NDF: 1061191.0/40

asym_dsr_mean vs Slug



Right In: -25.059 ± 46.854 χ^2/NDF : 14.5/16

Left Out: -25.764 ± 32.986 χ^2/NDF : 9.5/22

Right Out: -54.286 ± 47.789 χ^2/NDF : 16.1/18

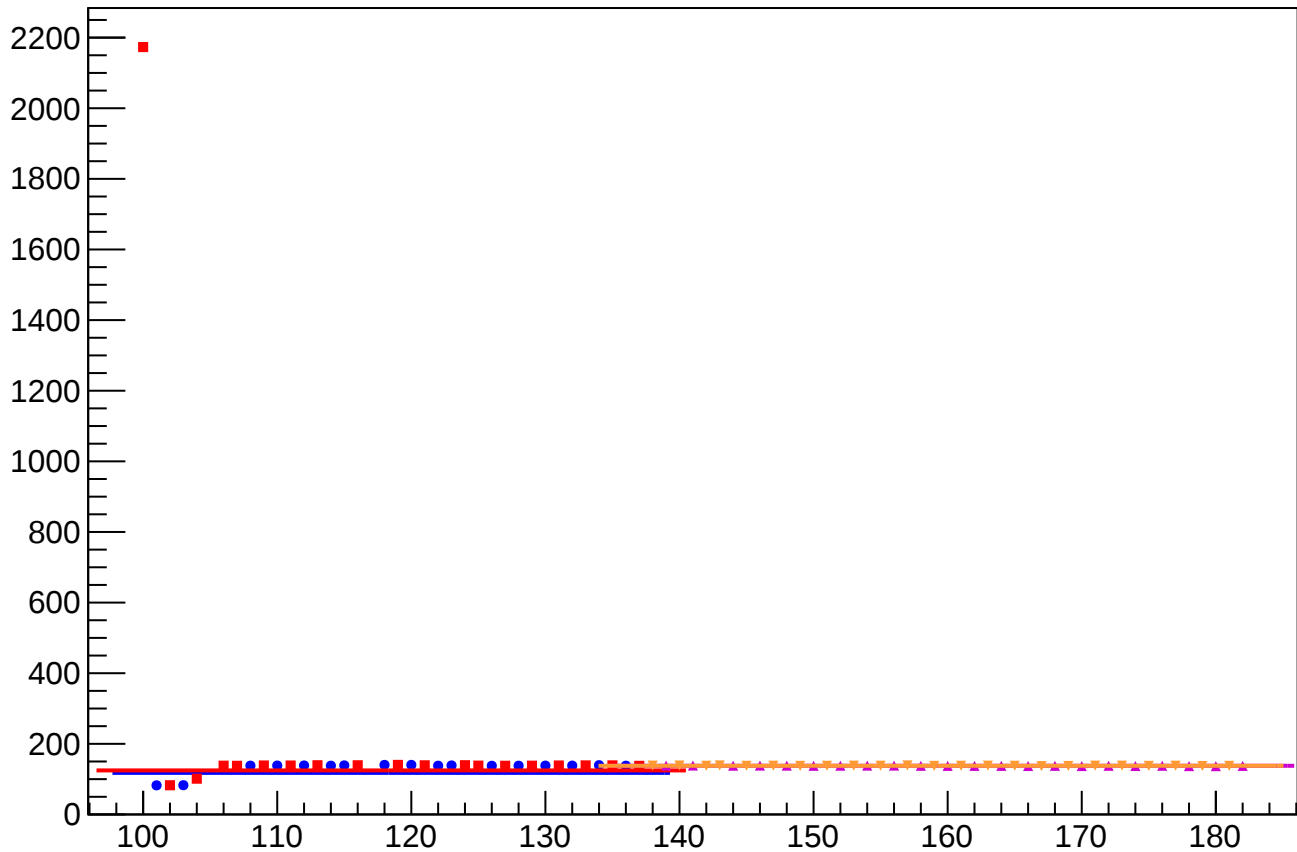
Left In: 59.575 ± 33.227 χ^2/NDF : 17.6/21

+ sign -25.531 ± 26.972 χ^2/NDF : 24.0/39

All: -1.804 ± 19.180 χ^2/NDF : 63.1/80

- sign 22.469 ± 27.281 χ^2/NDF : 37.5/40

asym_dsr_rms vs Slug



Right In: 117.793 $\pm$ 0.033 χ^2 /NDF: 665675.4/16

Left Out: 137.889 $\pm$ 0.023 χ^2 /NDF: 402.0/22

Right Out: 124.713 $\pm$ 0.034 χ^2 /NDF: 579862.1/18

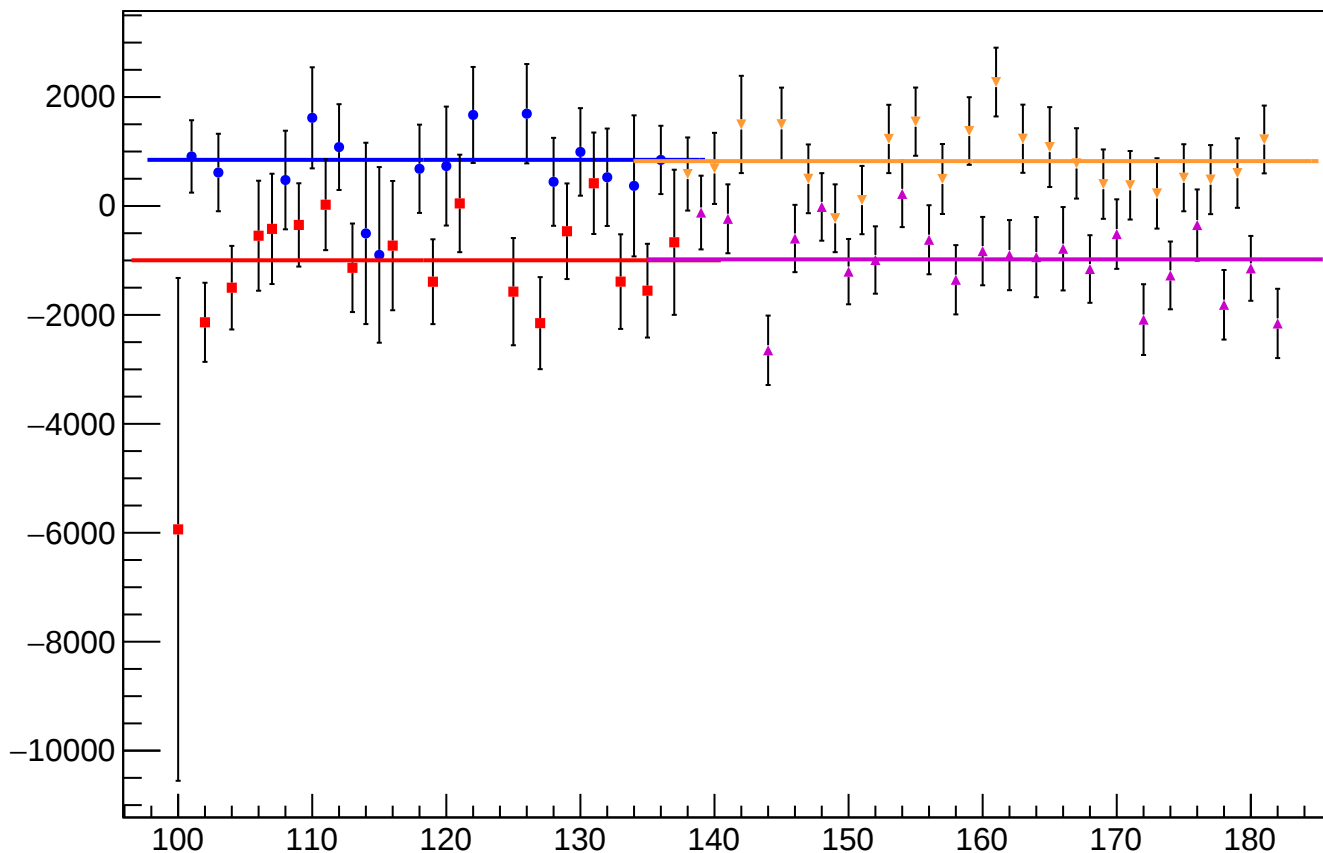
Left In: 137.849 $\pm$ 0.023 χ^2 /NDF: 453.5/21

+ sign 131.230 $\pm$ 0.019 χ^2 /NDF: 912070.0/39

All: 132.386 $\pm$ 0.014 χ^2 /NDF: 1601684.2/80

- sign 133.568 $\pm$ 0.019 χ^2 /NDF: 682181.7/40

reg_asym_left_avg_mean vs Slug



Right In: 847.032 $\pm$ 216.666 χ^2/NDF : 5.2/15

Left Out: 823.892 $\pm$ 137.832 χ^2/NDF : 17.6/21

Right Out: -997.112 $\pm$ 213.264 χ^2/NDF : 14.0/17

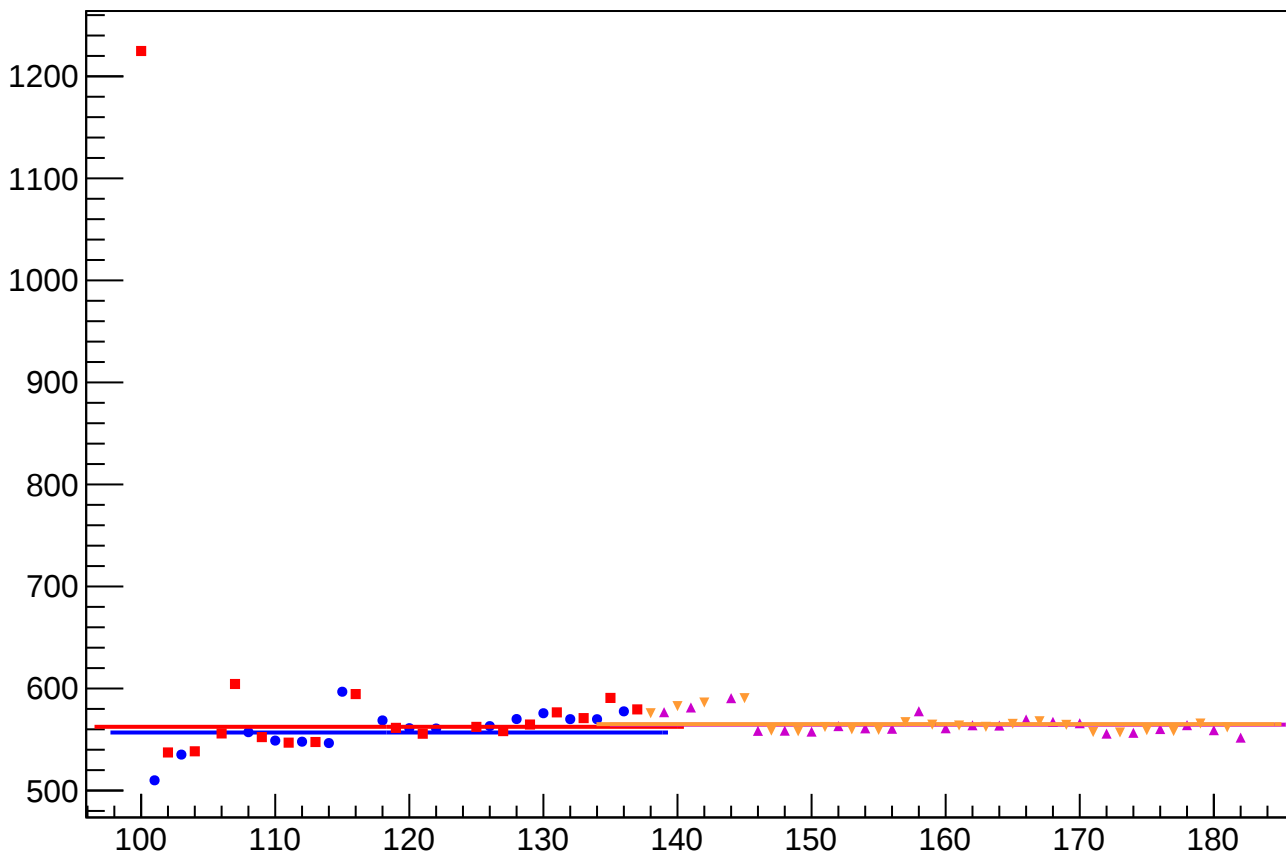
Left In: -979.796 $\pm$ 136.094 χ^2/NDF : 27.4/21

+ sign 830.558 $\pm$ 116.295 χ^2/NDF : 22.9/37

All: -89.467 $\pm$ 81.672 χ^2/NDF : 187.8/77

- sign -984.807 $\pm$ 114.724 χ^2/NDF : 41.4/39

reg_asym_left_avg_rms vs Slug



Right In: 556.871+/-0.153 χ^2/NDF : 18555.7/15

Left Out: 565.058+/-0.097 χ^2/NDF : 7948.0/21

Right Out: 562.460+/-0.151 χ^2/NDF : 55550.6/17

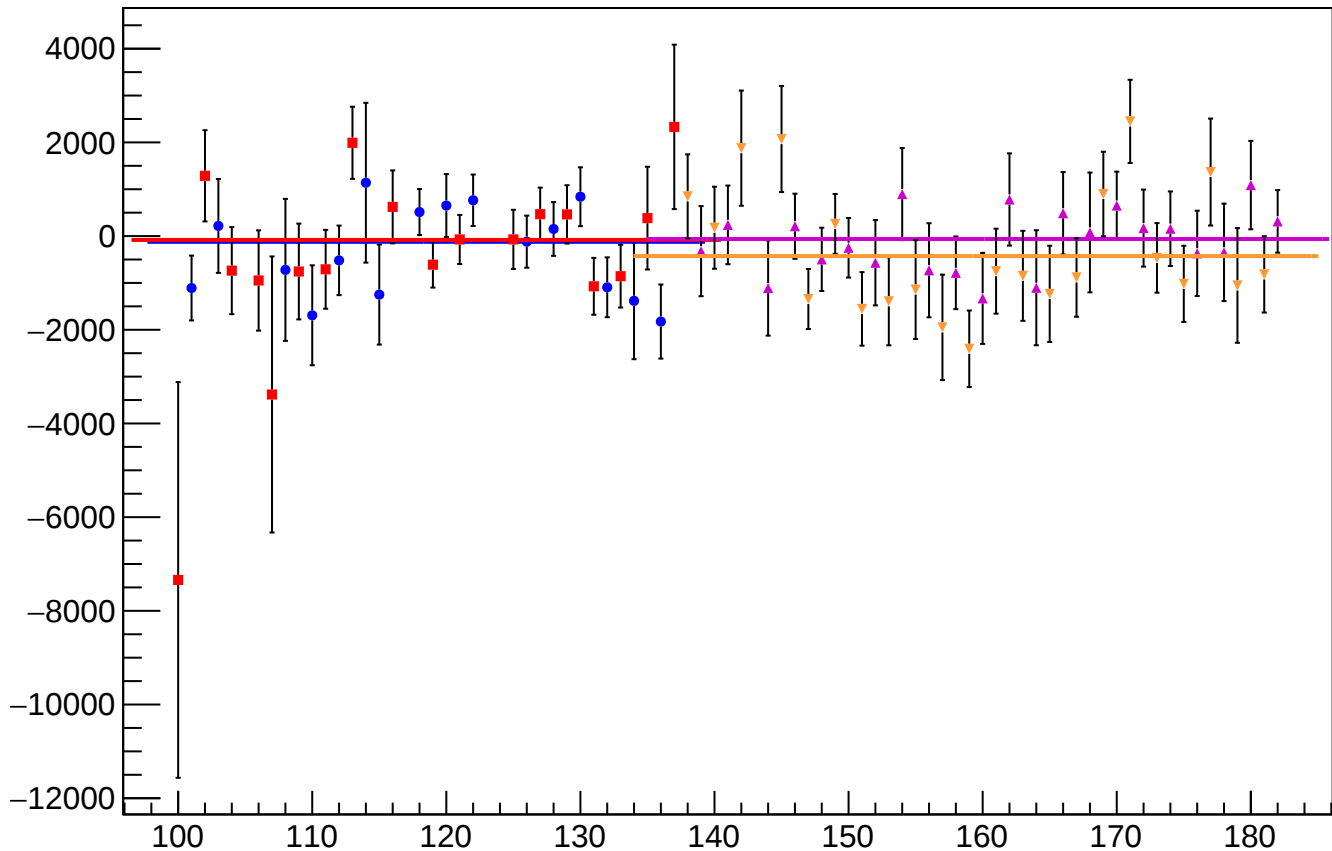
Left In: 564.572+/-0.096 χ^2/NDF : 8982.5/21

+ sign 562.699+/-0.082 χ^2/NDF : 28536.4/37

All: 563.339+/-0.058 χ^2/NDF : 93328.2/77

- sign 563.961+/-0.081 χ^2/NDF : 64672.6/39

asym_left_avg_correction_mean vs Slug



Right In: -121.777 ± 180.788 χ^2/NDF : 22.6/15

Left Out: -427.248 ± 188.188 χ^2/NDF : 42.7/21

Right Out: -82.274 ± 179.330 χ^2/NDF : 25.3/17

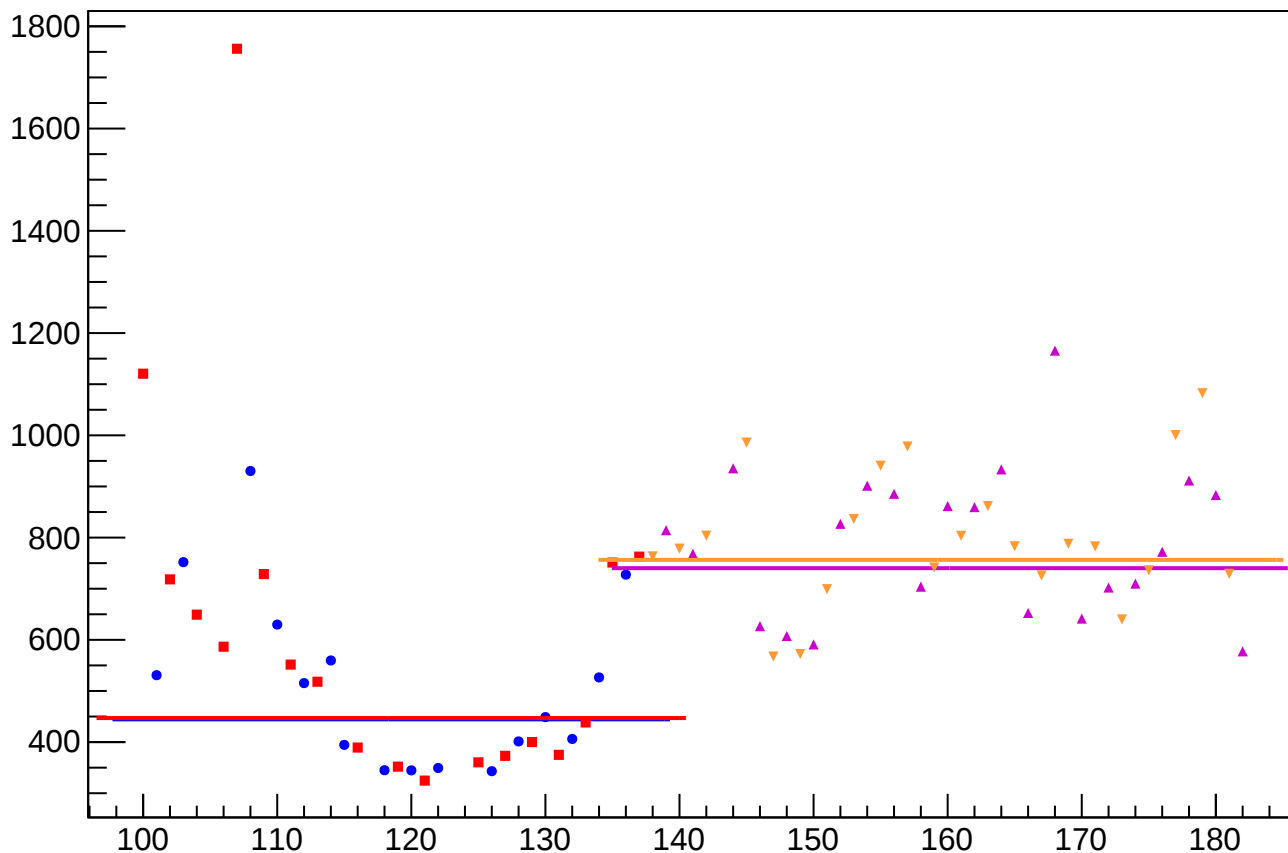
Left In: -62.587 ± 181.919 χ^2/NDF : 11.2/21

+ sign -268.388 ± 130.374 χ^2/NDF : 66.6/37

All: -168.460 ± 91.232 χ^2/NDF : 104.3/77

- sign -72.572 ± 127.711 χ^2/NDF : 36.5/39

asym_left_avg_correction_rms vs Slug



Right In: 444.510 $\pm$ 0.128 χ^2 /NDF: 1052706.5/15

Left Out: 756.409 $\pm$ 0.133 χ^2 /NDF: 914211.1/21

Right Out: 447.043 $\pm$ 0.127 χ^2 /NDF: 1454919.9/17

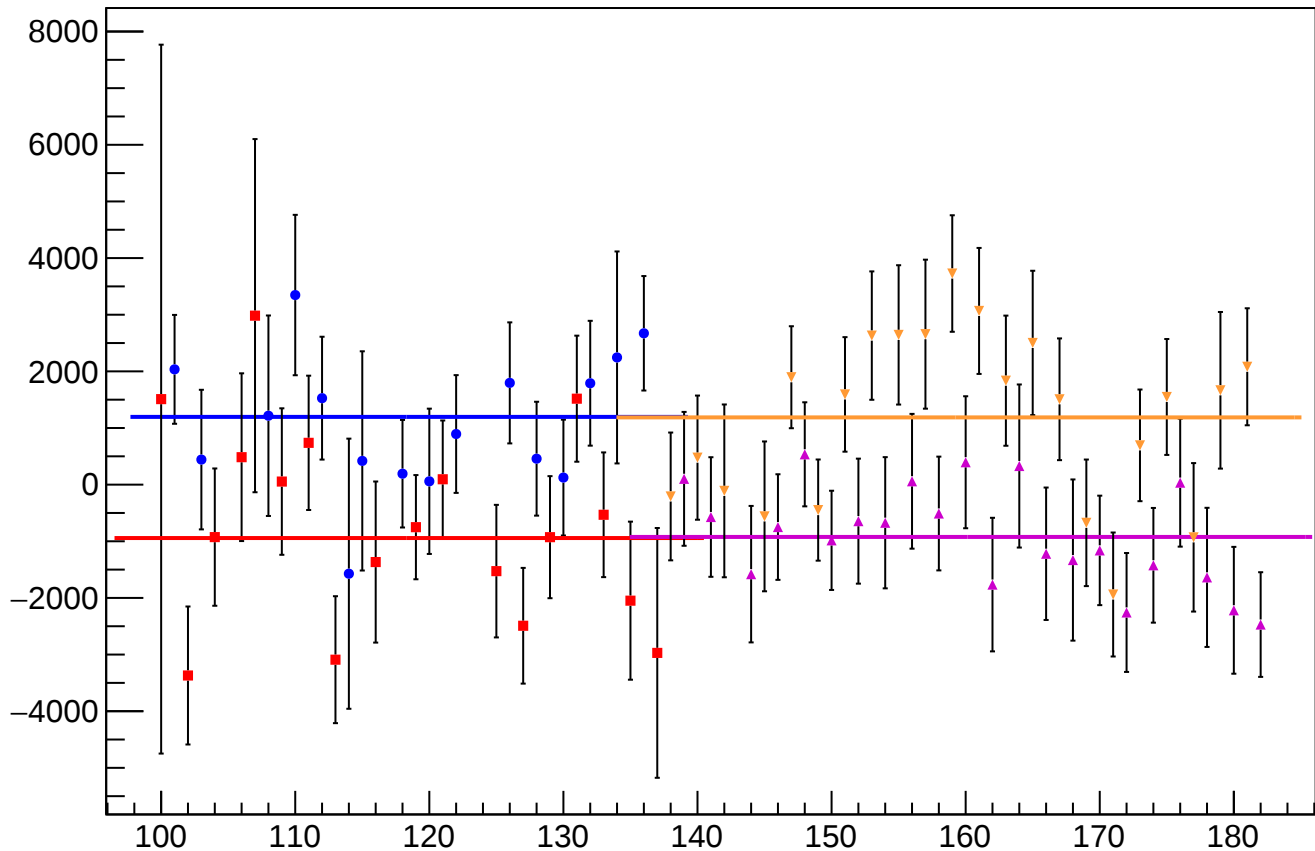
Left In: 740.164 $\pm$ 0.129 χ^2 /NDF: 1064011.9/21

+ sign 594.206 $\pm$ 0.092 χ^2 /NDF: 4823959.0/37

All: 592.827 $\pm$ 0.065 χ^2 /NDF: 9976744.0/77

- sign 591.503 $\pm$ 0.090 χ^2 /NDF: 5152346.1/39

asym_left_avg_mean vs Slug



Right In: 1196.174 $\pm$ 296.098 χ^2/NDF : 11.7/15

Left Out: 1187.270 $\pm$ 237.298 χ^2/NDF : 38.1/21

Right Out: -942.782 $\pm$ 294.221 χ^2/NDF : 23.1/17

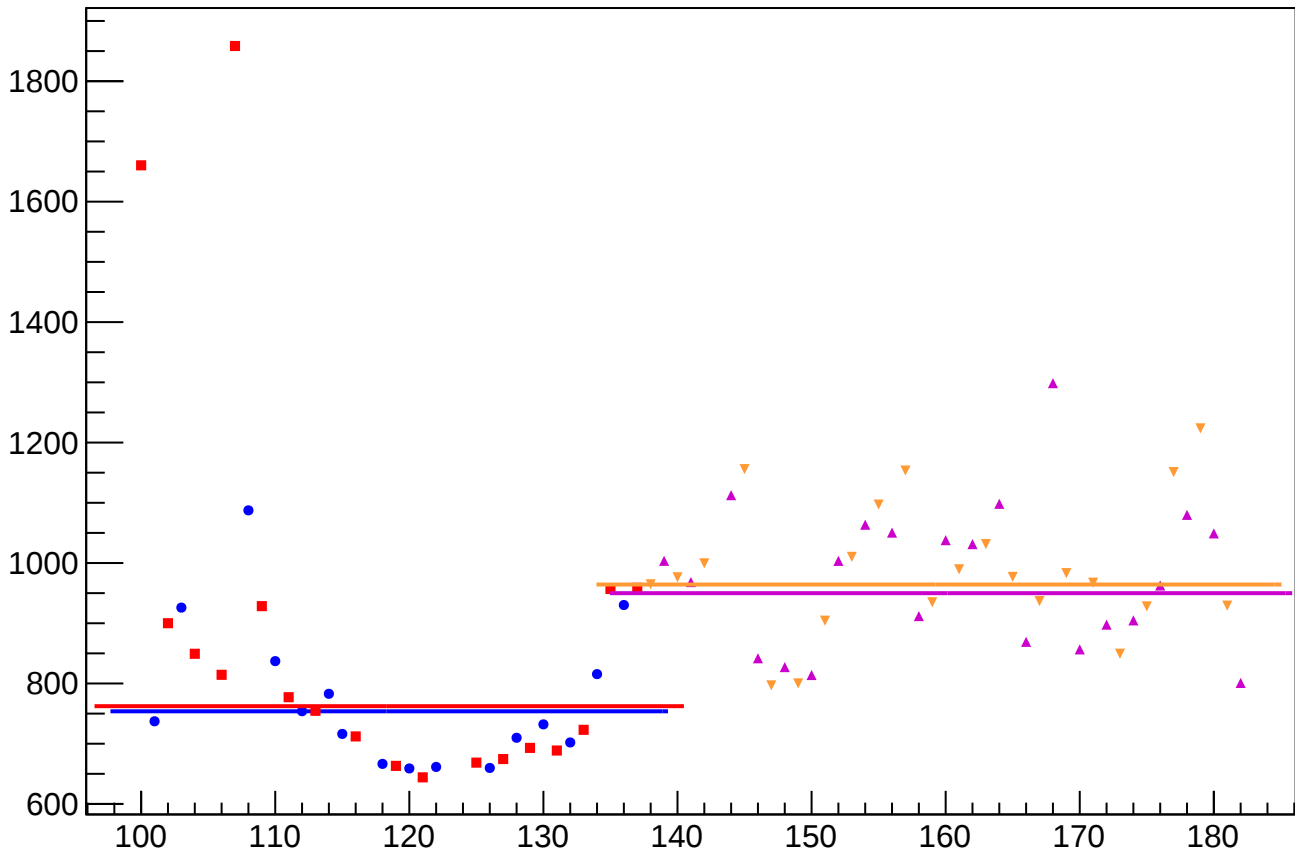
Left In: -923.266 $\pm$ 231.001 χ^2/NDF : 14.5/21

+ sign 1190.752 $\pm$ 185.171 χ^2/NDF : 49.8/37

All: 109.909 $\pm$ 129.688 χ^2/NDF : 154.2/77

- sign -930.708 $\pm$ 181.692 χ^2/NDF : 37.6/39

asym_left_avg_rms vs Slug



Right In: 753.808 $\pm$ 0.209 χ^2 /NDF: 250129.9/15

Left Out: 964.319 $\pm$ 0.168 χ^2 /NDF: 409590.9/21

Right Out: 762.317 $\pm$ 0.208 χ^2 /NDF: 513801.4/17

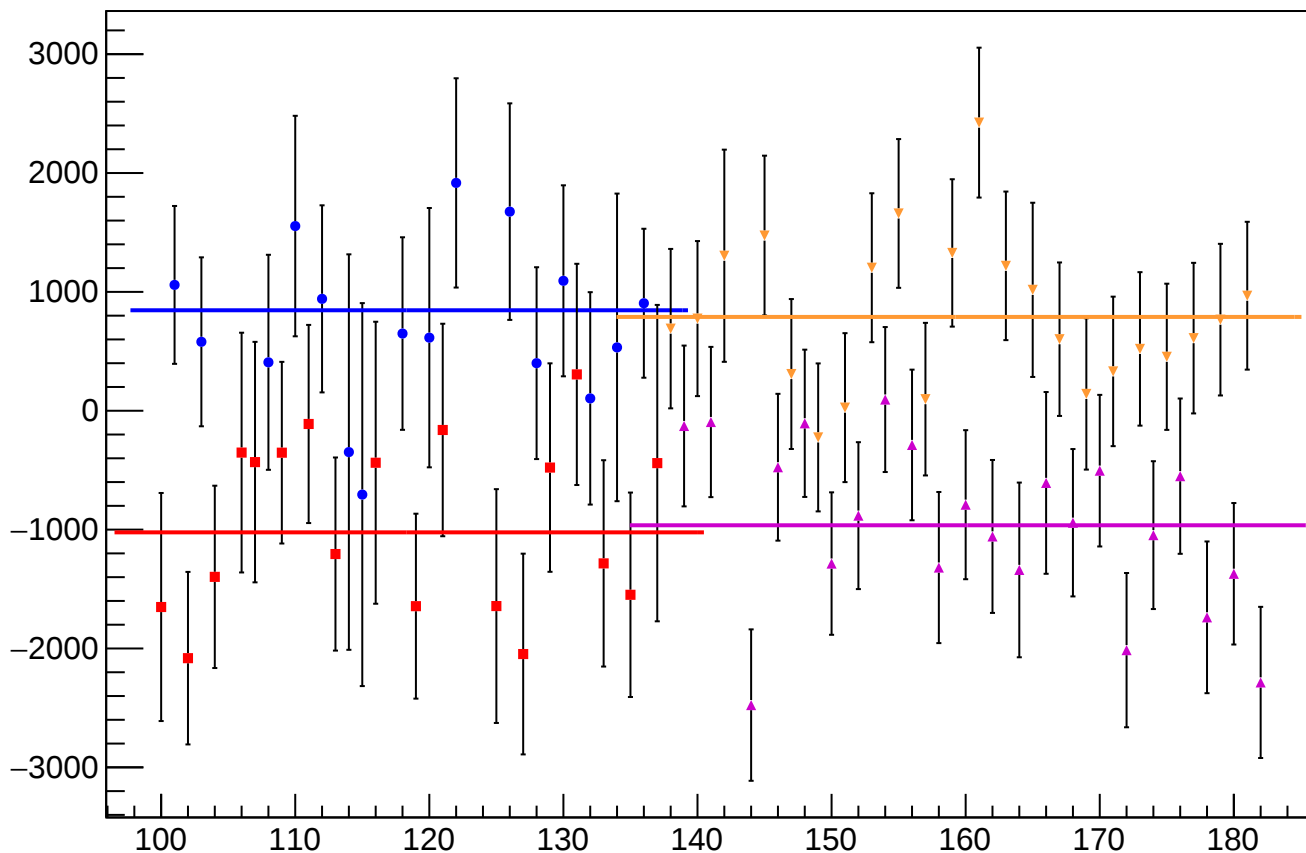
Left In: 949.930 $\pm$ 0.163 χ^2 /NDF: 483032.7/21

+ sign 881.991 $\pm$ 0.131 χ^2 /NDF: 1275274.1/37

All: 880.153 $\pm$ 0.092 χ^2 /NDF: 2775595.6/77

- sign 878.384 $\pm$ 0.128 χ^2 /NDF: 1499934.7/39

reg_asym_left_dd_mean vs Slug



Right In: 845.362 ± 216.498 χ^2/NDF : 6.1/15

Left Out: 789.362 ± 137.718 χ^2/NDF : 20.0/21

Right Out: -1023.052 ± 208.229 χ^2/NDF : 12.4/17

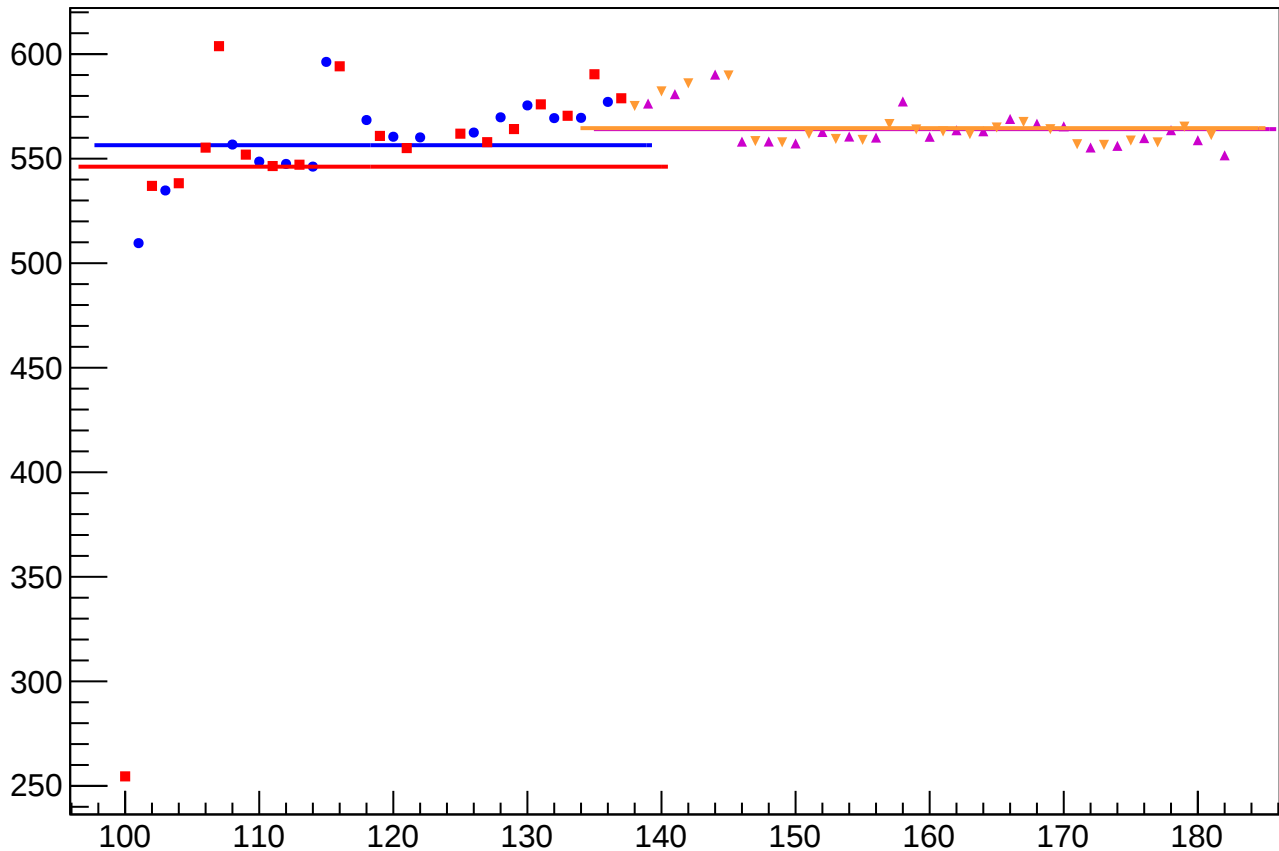
Left In: -963.479 ± 135.985 χ^2/NDF : 26.8/21

+ sign 805.494 ± 116.201 χ^2/NDF : 26.1/37

All: -106.099 ± 81.325 χ^2/NDF : 185.9/77

- sign -981.290 ± 113.857 χ^2/NDF : 39.2/39

reg_asym_left_dd_rms vs Slug



Right In: 556.437 $\pm$ 0.153 χ^2 /NDF: 18580.5/15

Left Out: 564.591 $\pm$ 0.097 χ^2 /NDF: 7887.3/21

Right Out: 546.163 $\pm$ 0.147 χ^2 /NDF: 208134.5/17

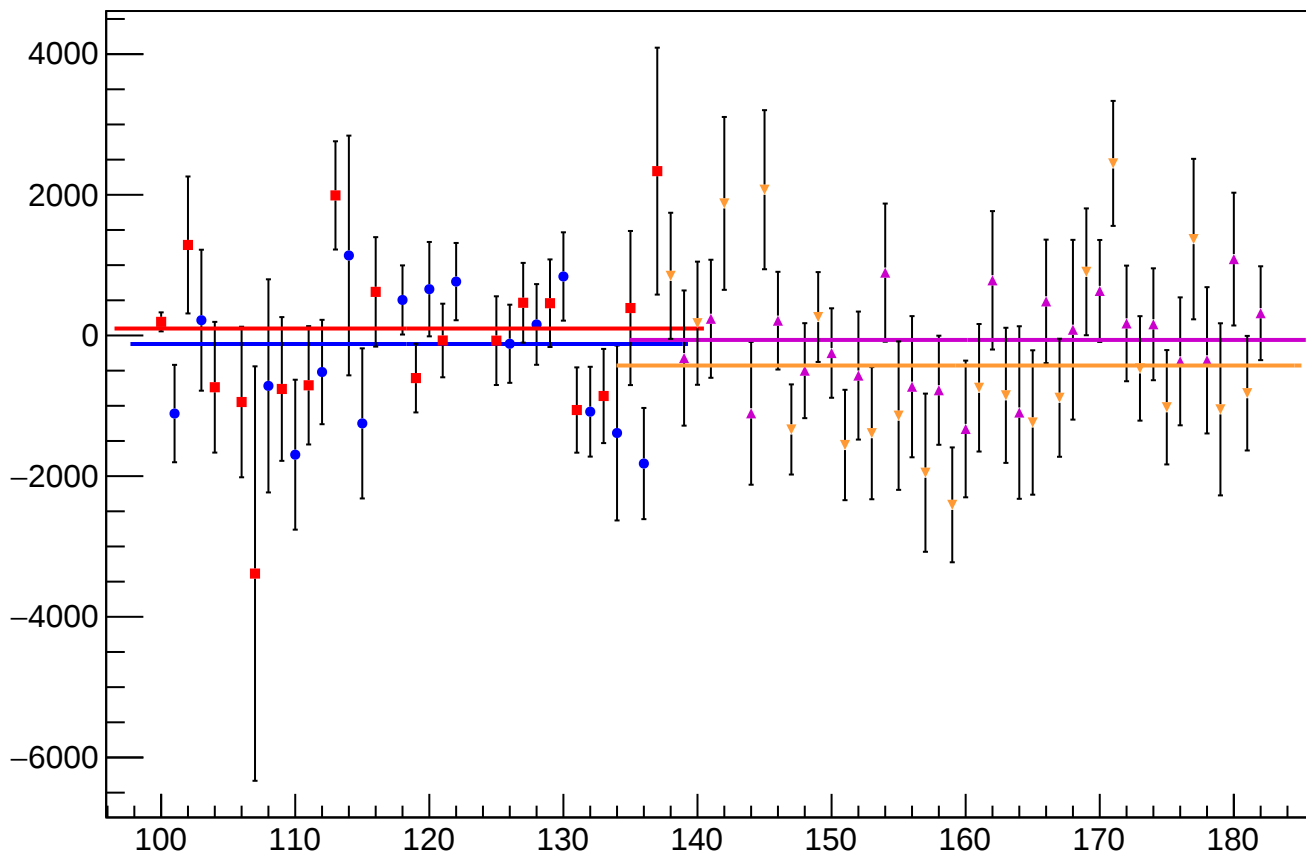
Left In: 564.122 $\pm$ 0.096 χ^2 /NDF: 8980.3/21

+ sign 562.242 $\pm$ 0.082 χ^2 /NDF: 28487.4/37

All: 560.462 $\pm$ 0.058 χ^2 /NDF: 256950.9/77

- sign 558.753 $\pm$ 0.081 χ^2 /NDF: 227543.5/39

asym_left_dd_correction_mean vs Slug



Right In: -121.208 ± 180.699 χ^2/NDF : 22.5/15

Left Out: -427.117 ± 188.113 χ^2/NDF : 42.8/21

Right Out: 98.790 ± 107.853 χ^2/NDF : 23.7/17

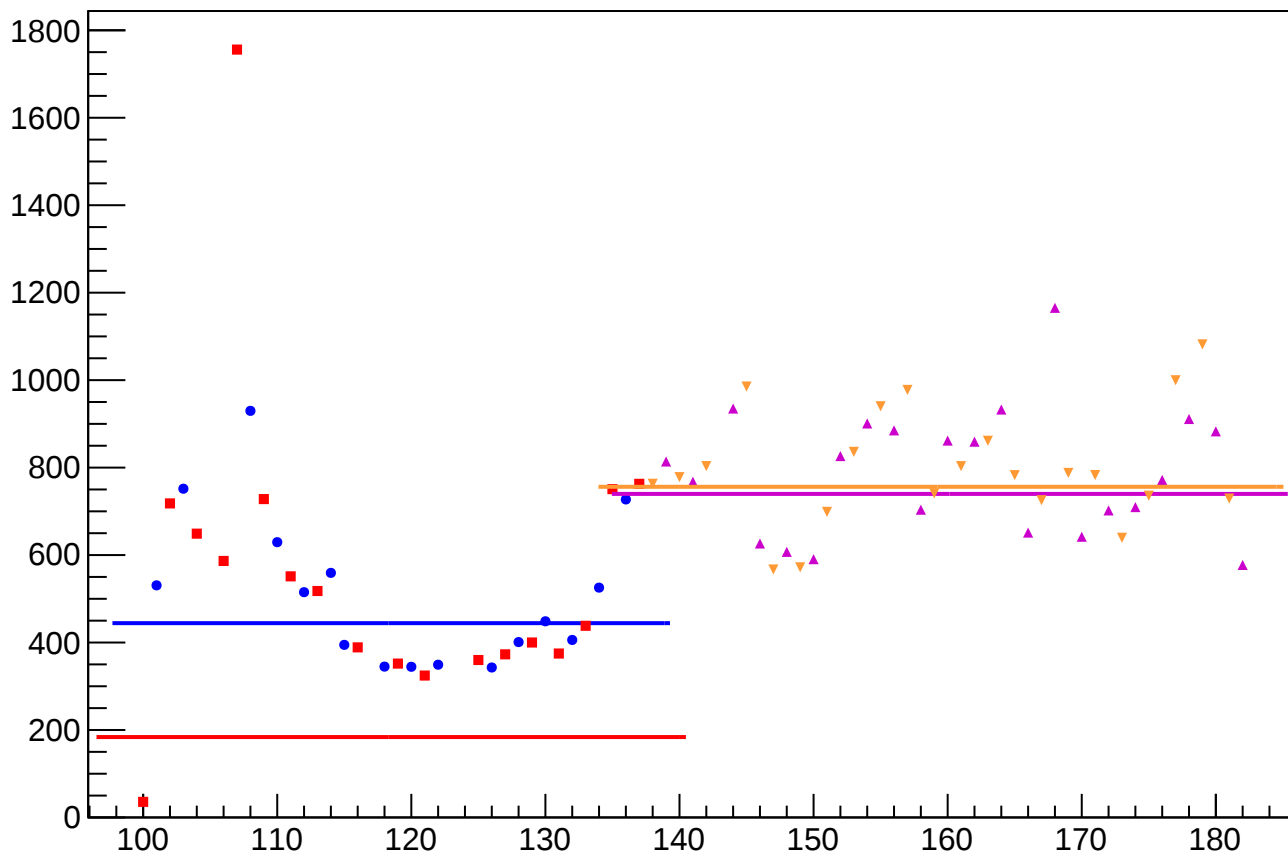
Left In: -63.443 ± 181.842 χ^2/NDF : 11.1/21

+ sign -268.016 ± 130.316 χ^2/NDF : 66.7/37

All: -52.588 ± 75.572 χ^2/NDF : 106.2/77

- sign 56.572 ± 92.764 χ^2/NDF : 35.4/39

asym_left_dd_correction_rms vs Slug



Right In: 444.298+/-0.128 χ^2/NDF : 1052547.8/15

Left Out: 756.124+/-0.133 χ^2/NDF : 914524.3/21

Right Out: 183.834+/-0.076 χ^2/NDF : 8072183.4/17

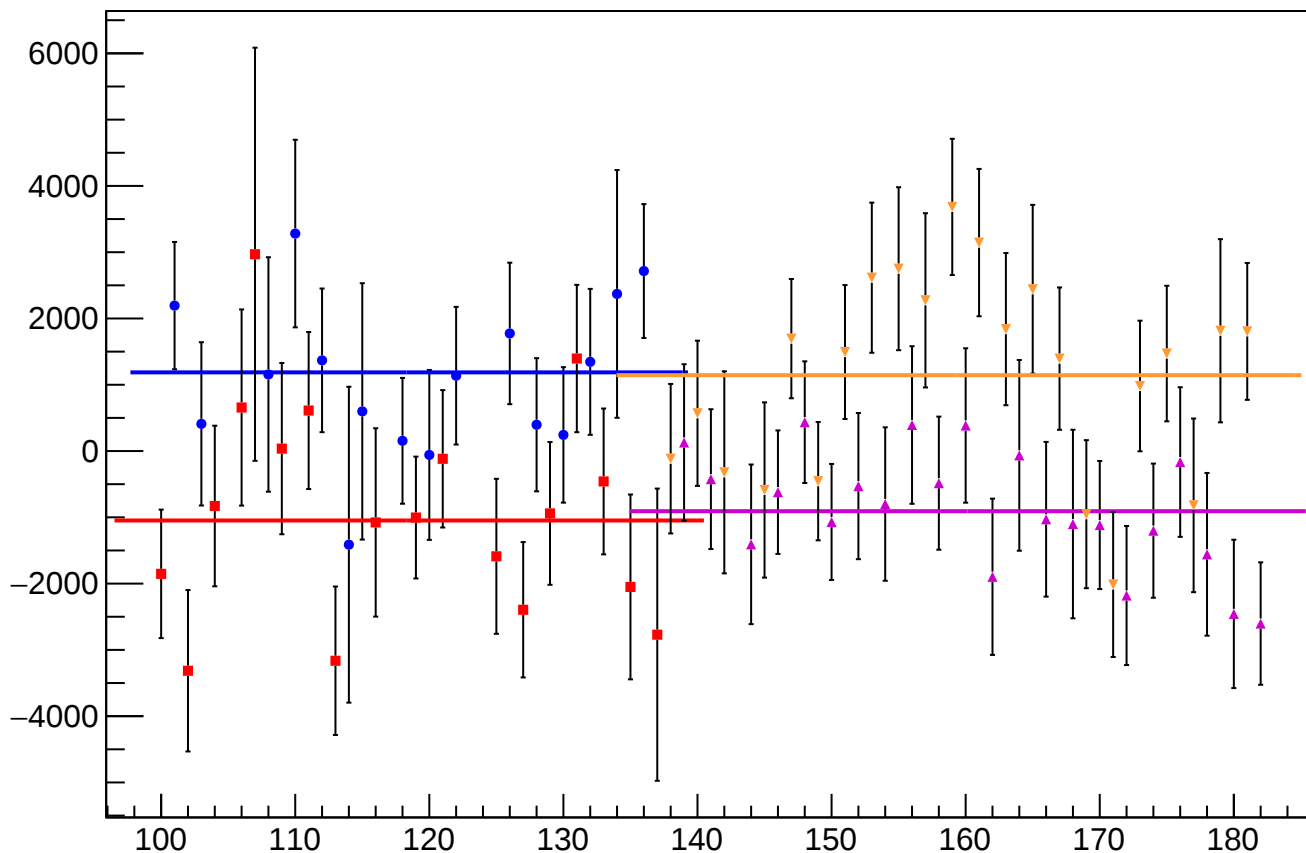
Left In: 739.853+/-0.129 χ^2/NDF : 1063870.3/21

+ sign 593.945+/-0.092 χ^2/NDF : 4825304.7/37

All: 417.789+/-0.053 χ^2/NDF : 33300588.3/77

- sign 328.529+/-0.066 χ^2/NDF : 22968969.2/39

asym_left_dd_mean vs Slug



Right In: 1186.962 $\pm$ 295.897 χ^2 /NDF: 11.6/15

Left Out: 1144.676 $\pm$ 237.164 χ^2 /NDF: 37.7/21

Right Out: -1047.656 $\pm$ 281.637 χ^2 /NDF: 22.4/17

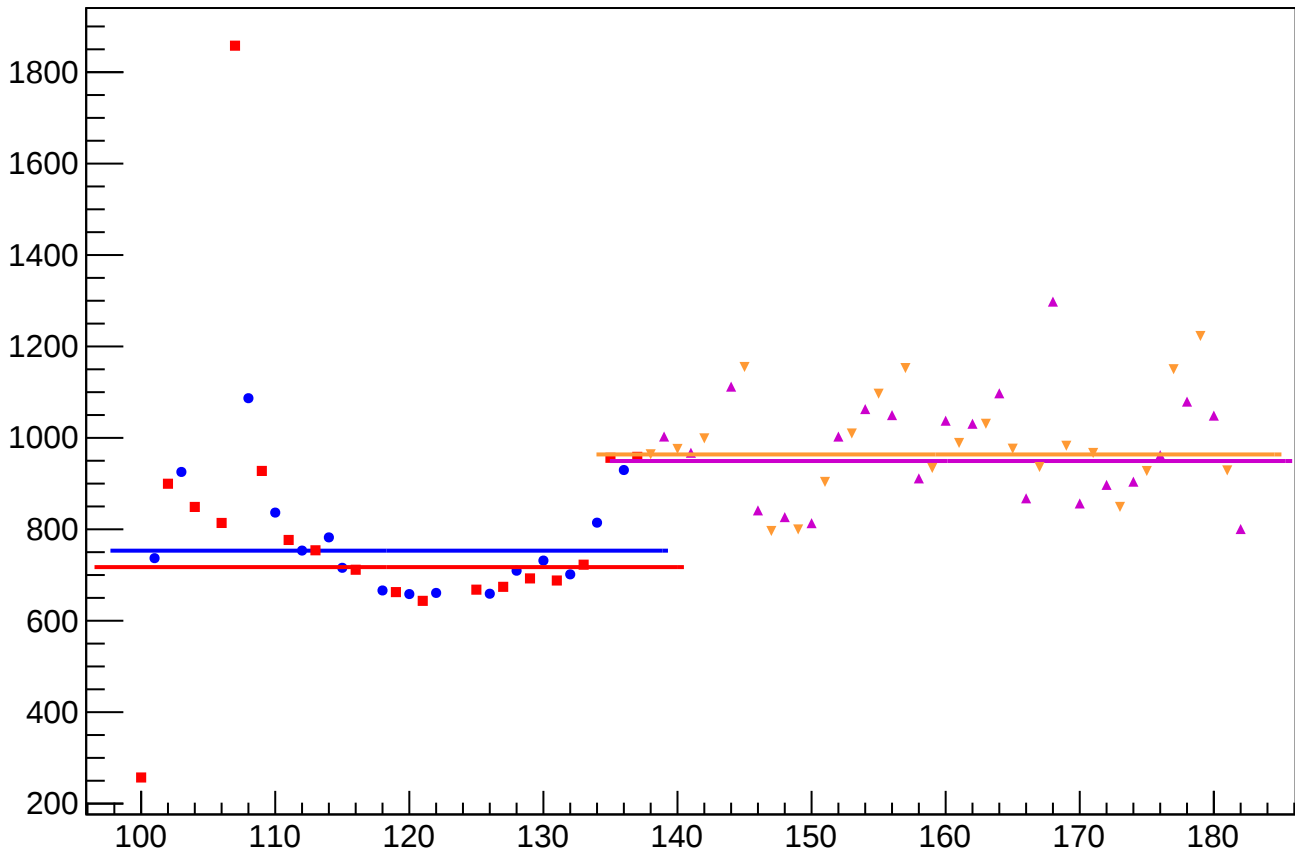
Left In: -907.477 $\pm$ 230.872 χ^2 /NDF: 14.8/21

+ sign 1161.216 $\pm$ 185.058 χ^2 /NDF: 49.3/37

All: 60.662 $\pm$ 128.492 χ^2 /NDF: 155.0/77

- sign -963.816 $\pm$ 178.547 χ^2 /NDF: 37.4/39

asym_left_dd_rms vs Slug



Right In: 753.290+/-0.209 χ^2/NDF : 250330.3/15

Left Out: 963.786+/-0.168 χ^2/NDF : 409431.3/21

Right Out: 717.327+/-0.199 χ^2/NDF : 965686.8/17

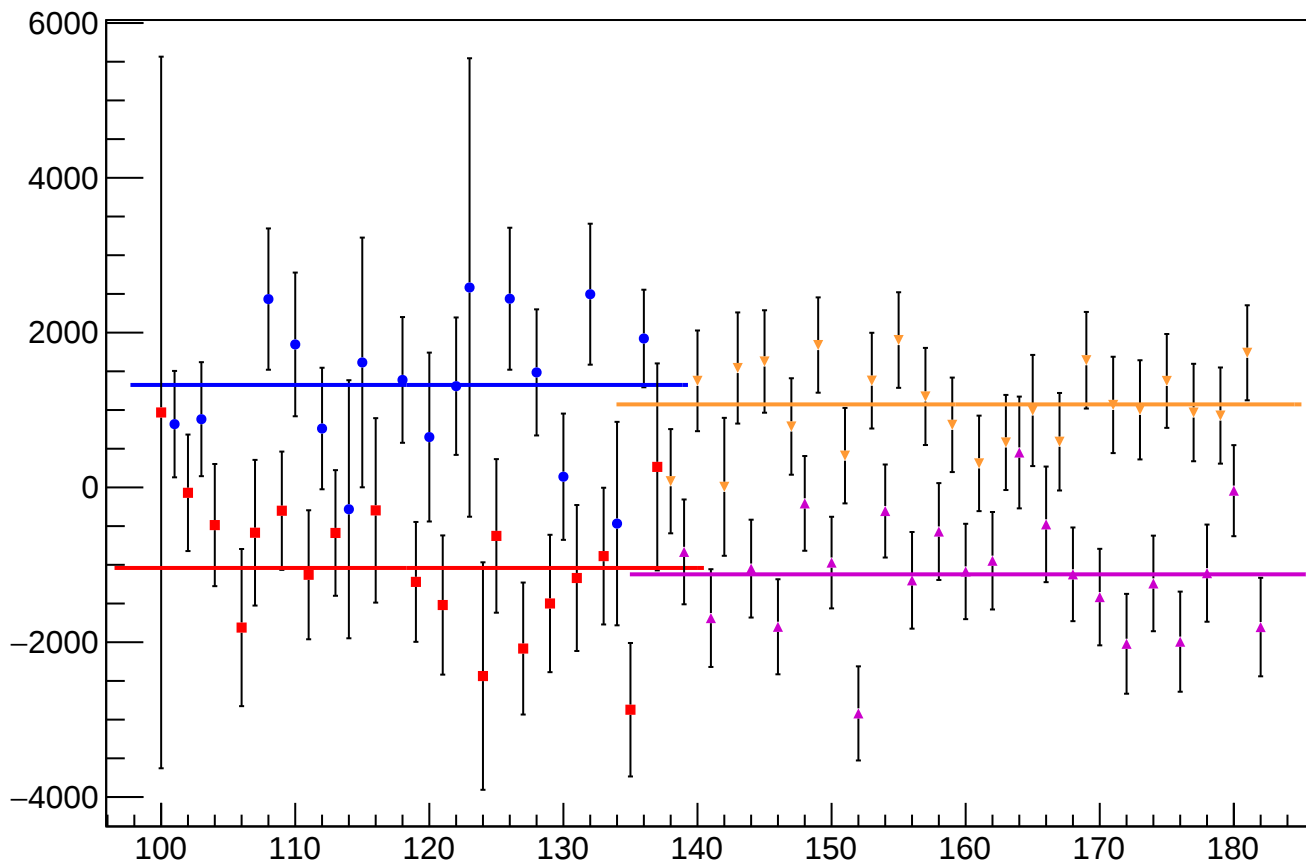
Left In: 949.395+/-0.163 χ^2/NDF : 483123.7/21

+ sign 881.453+/-0.131 χ^2/NDF : 1276004.6/37

All: 868.335+/-0.091 χ^2/NDF : 3556388.6/77

- sign 856.124+/-0.126 χ^2/NDF : 2260980.8/39

reg_asym_right_avg_mean vs Slug



Right In: 1324.051 $\pm$ 218.600 χ^2 /NDF: 12.8/16

Left Out: 1072.752 $\pm$ 133.437 χ^2 /NDF: 15.3/22

Right Out: -1040.501 $\pm$ 212.080 χ^2 /NDF: 13.5/18

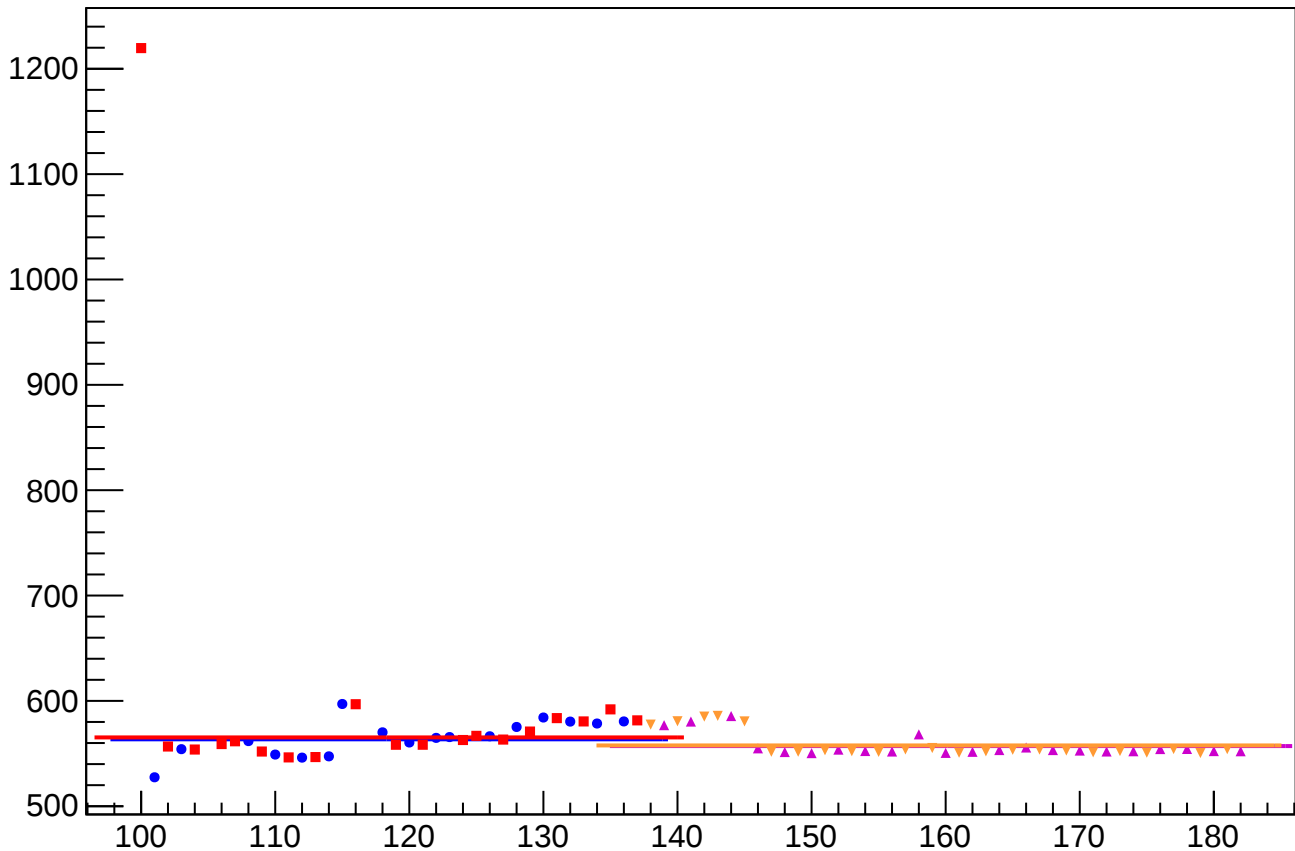
Left In: -1122.877 $\pm$ 134.299 χ^2 /NDF: 30.0/21

+ sign 1140.969 $\pm$ 113.894 χ^2 /NDF: 29.0/39

All: 16.581 $\pm$ 80.382 χ^2 /NDF: 266.8/80

- sign -1099.299 $\pm$ 113.463 χ^2 /NDF: 43.6/40

reg_asym_right_avg_rms vs Slug



Right In: 563.522 $\pm$ 0.155 χ^2 /NDF: 12614.9/16

Left Out: 557.716 $\pm$ 0.094 χ^2 /NDF: 14170.5/22

Right Out: 565.327 $\pm$ 0.150 χ^2 /NDF: 49346.9/18

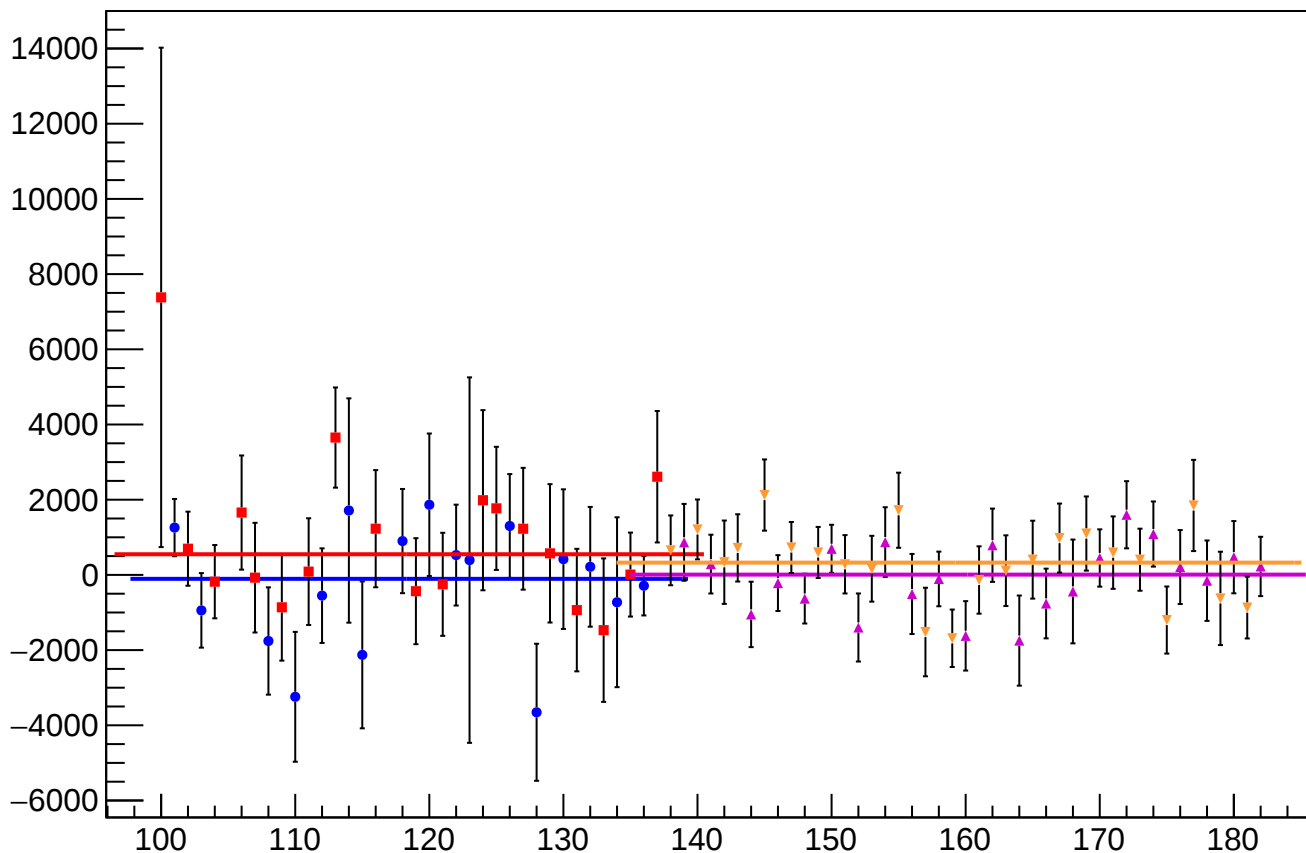
Left In: 557.108 $\pm$ 0.095 χ^2 /NDF: 11082.8/21

+ sign 559.292 $\pm$ 0.081 χ^2 /NDF: 27813.3/39

All: 559.377 $\pm$ 0.057 χ^2 /NDF: 90389.5/80

- sign 559.460 $\pm$ 0.080 χ^2 /NDF: 62574.0/40

asym_right_avg_correction_mean vs Slug



Right In: -104.813 ± 328.267 χ^2/NDF : 17.0/16

Left Out: 326.986 ± 186.354 χ^2/NDF : 25.8/22

Right Out: 549.627 ± 332.981 χ^2/NDF : 14.6/18

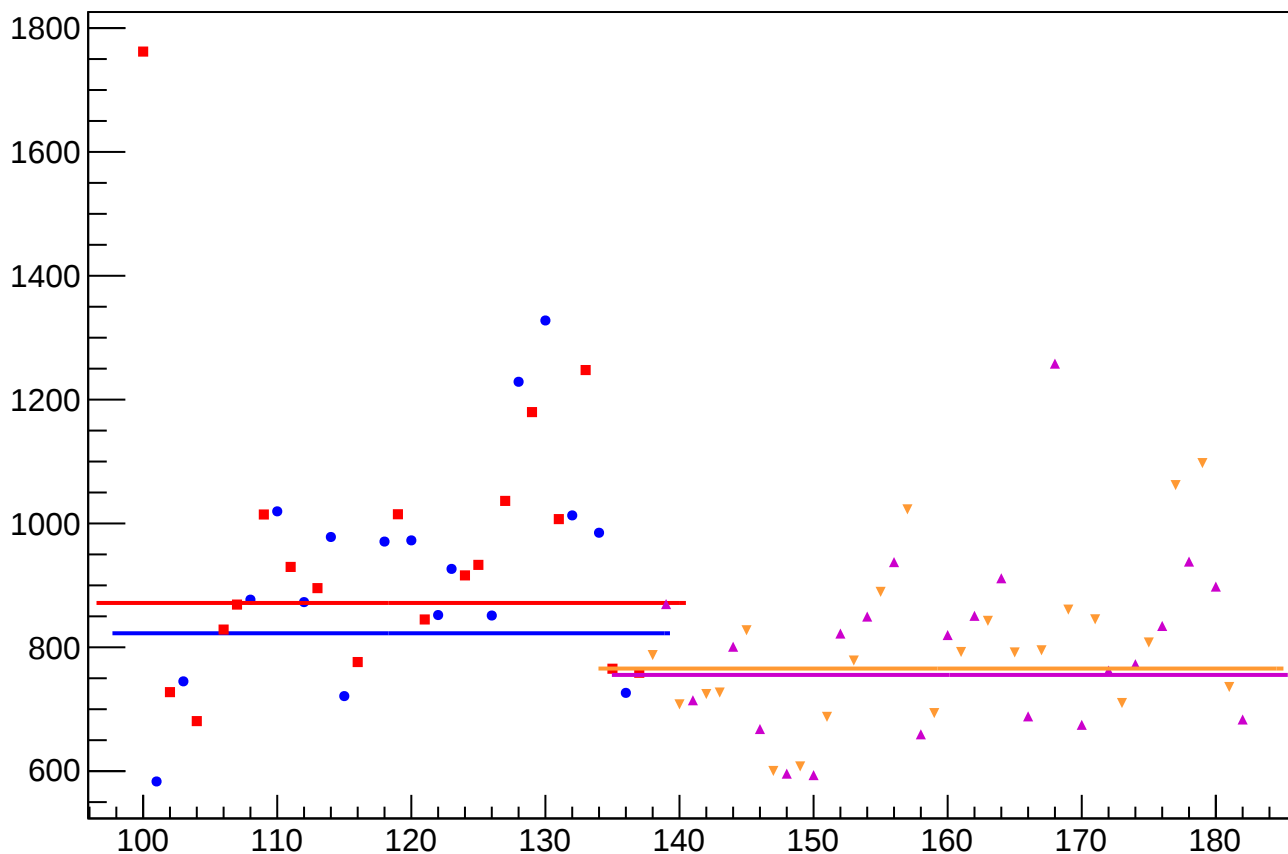
Left In: 7.357 ± 185.251 χ^2/NDF : 20.2/21

+ sign 221.745 ± 162.061 χ^2/NDF : 44.1/39

All: 178.589 ± 114.532 χ^2/NDF : 81.0/80

- sign 135.527 ± 161.884 χ^2/NDF : 36.8/40

asym_right_avg_correction_rms vs Slug



Right In: 822.664+/-0.232 χ^2/NDF : 606735.8/16

Left Out: 765.686+/-0.132 χ^2/NDF : 747338.5/22

Right Out: 871.621+/-0.235 χ^2/NDF : 408427.2/18

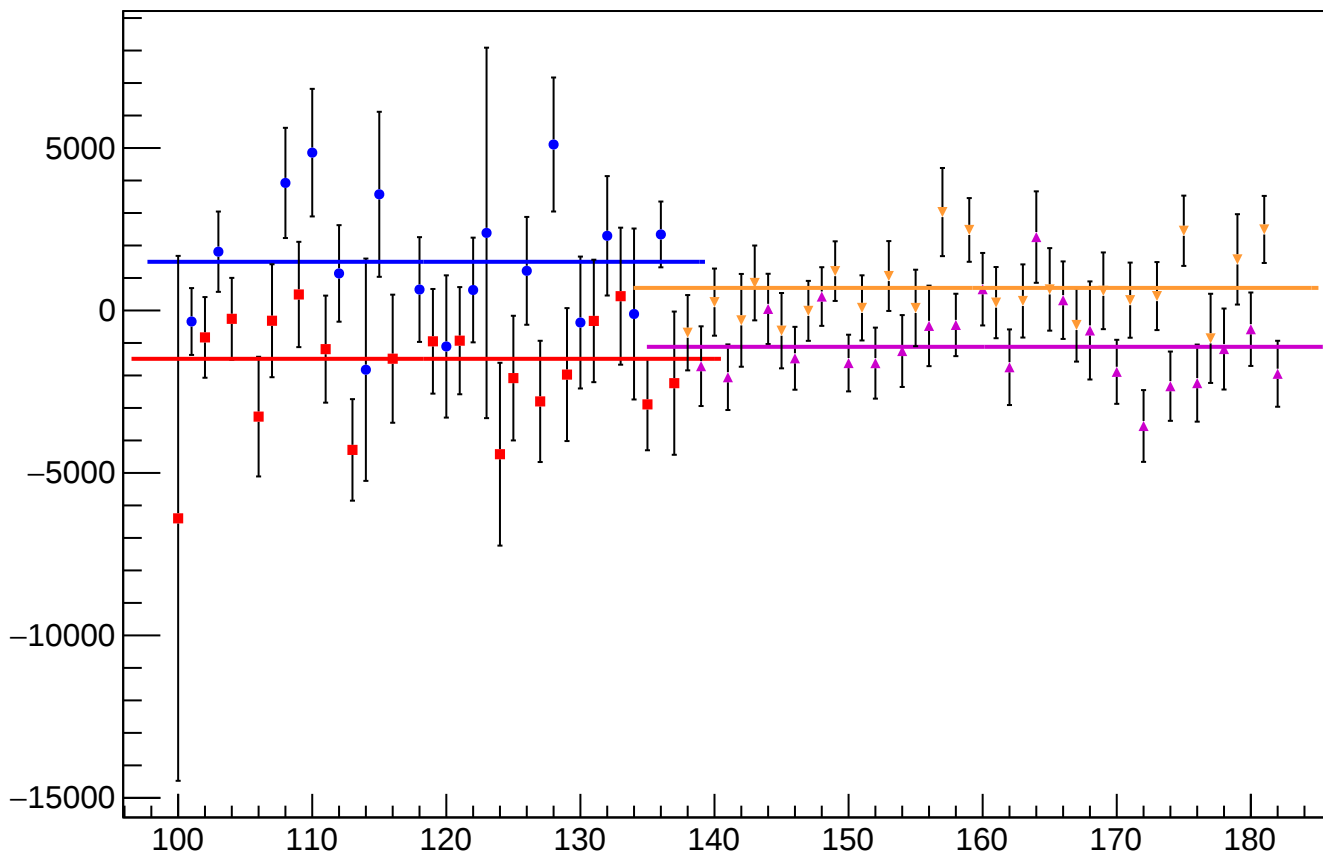
Left In: 755.395+/-0.131 χ^2/NDF : 926952.3/21

+ sign 779.573+/-0.115 χ^2/NDF : 1399643.9/39

All: 781.221+/-0.081 χ^2/NDF : 2921511.7/80

- sign 782.866+/-0.114 χ^2/NDF : 1521454.5/40

asym_right_avg_mean vs Slug



Right In: 1497.967 ± 402.667 χ^2/NDF : 17.1/16

Left Out: 694.667 ± 232.817 χ^2/NDF : 20.2/22

Right Out: -1487.754 ± 400.718 χ^2/NDF : 12.0/18

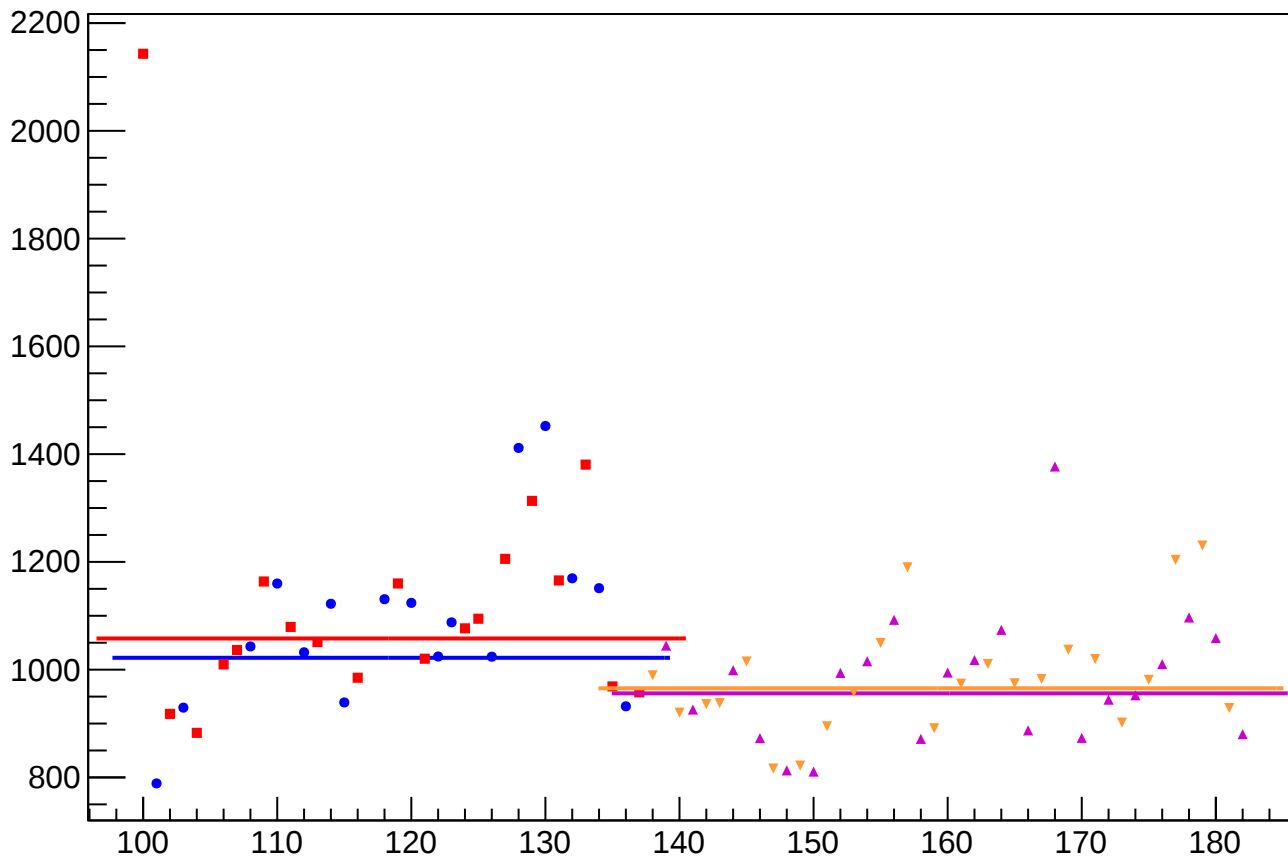
Left In: -1118.665 ± 232.322 χ^2/NDF : 25.3/21

+ sign 895.930 ± 201.553 χ^2/NDF : 40.3/39

All: -160.759 ± 142.319 χ^2/NDF : 133.1/80

- sign -1211.516 ± 200.986 χ^2/NDF : 38.0/40

asym_right_avg_rms vs Slug



Right In: 1022.011+/-0.285 χ^2/NDF : 336507.1/16

Left Out: 965.437+/-0.165 χ^2/NDF : 356787.9/22

Right Out: 1057.901+/-0.283 χ^2/NDF : 232484.1/18

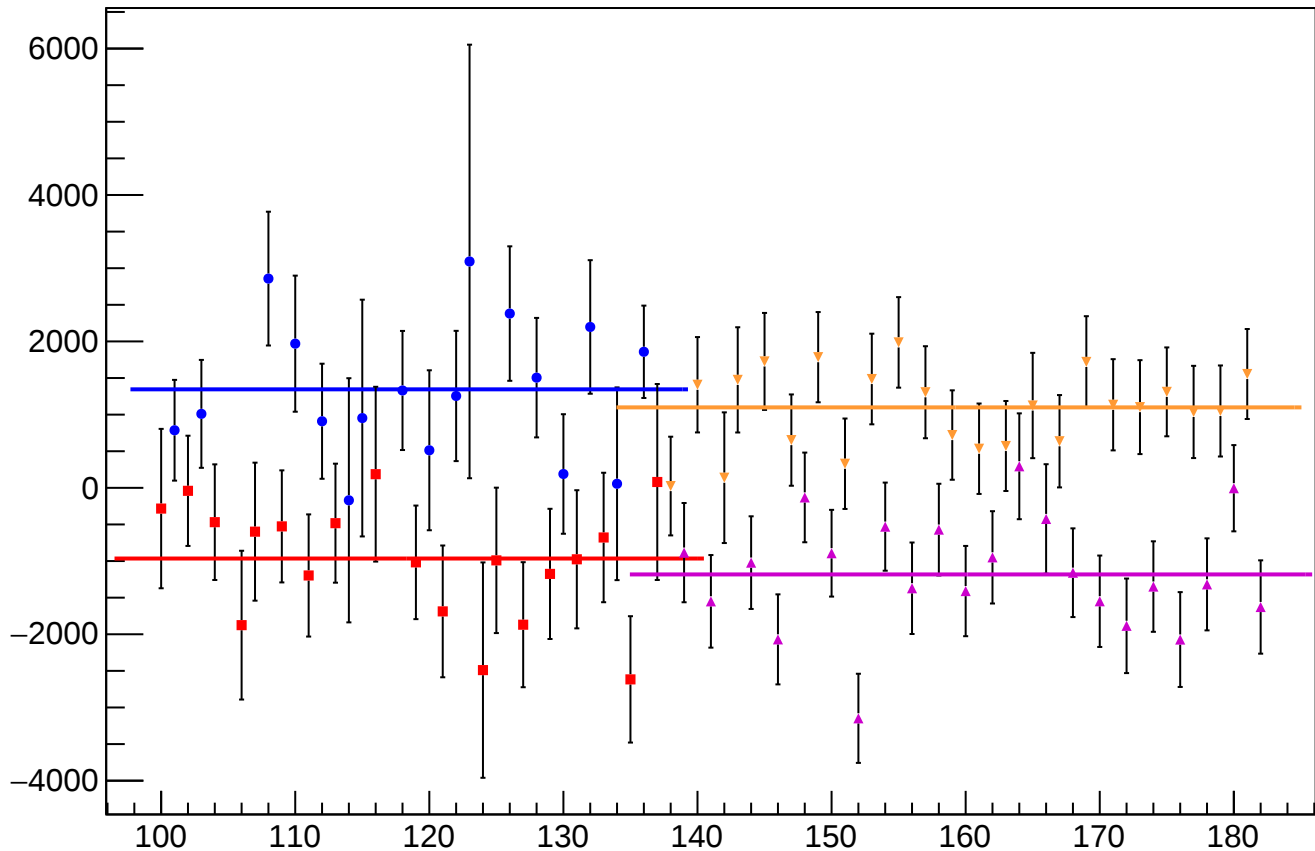
Left In: 956.029+/-0.164 χ^2/NDF : 439712.6/21

+ sign 979.611+/-0.143 χ^2/NDF : 722883.6/39

All: 980.637+/-0.101 χ^2/NDF : 1491924.5/80

- sign 981.657+/-0.142 χ^2/NDF : 768937.7/40

reg_asym_right_dd_mean vs Slug



Right In: 1345.401 $\pm$ 218.855 χ^2 /NDF: 12.0/16

Left Out: 1098.948 $\pm$ 133.571 χ^2 /NDF:15.1/22

Right Out: -965.438 $\pm$ 208.614 χ^2 /NDF: 12.2/18

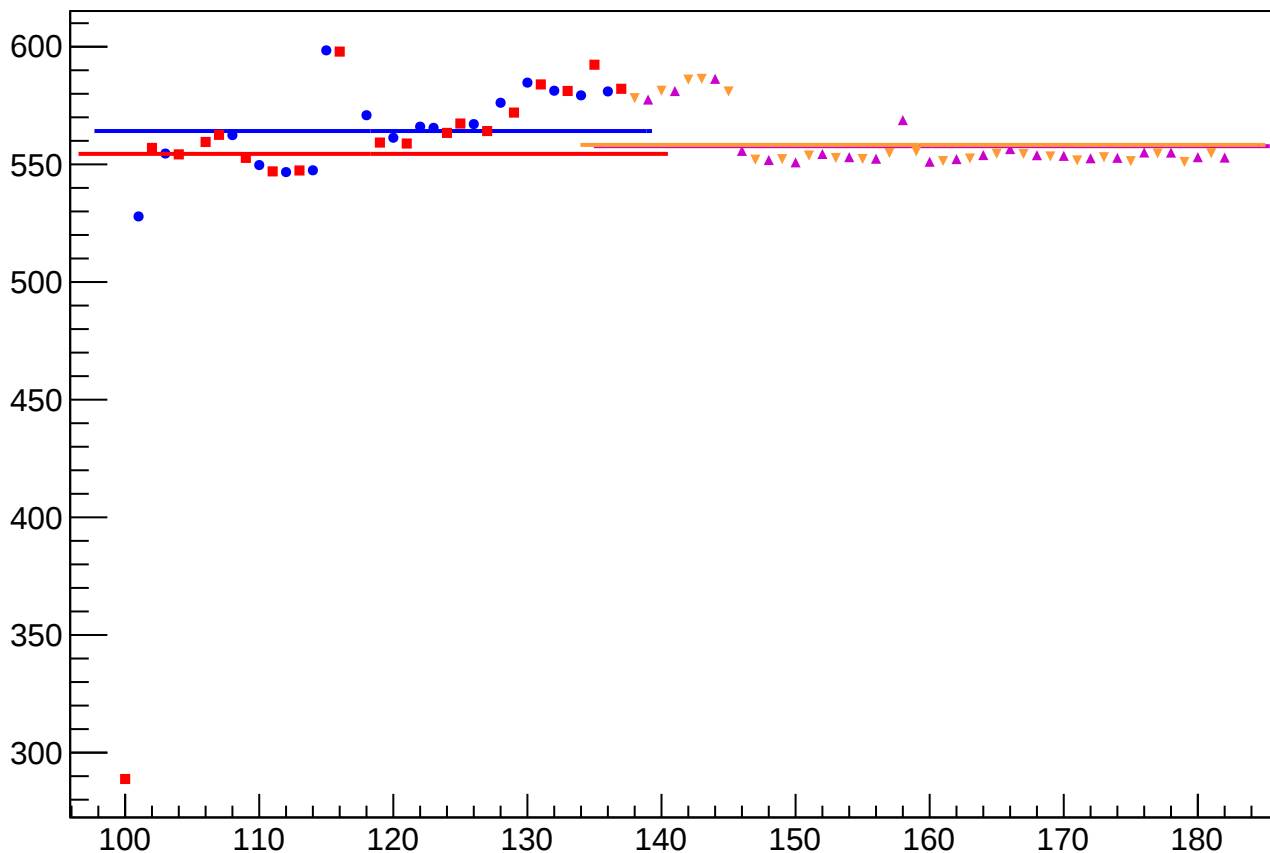
Left In: -1182.620 $\pm$ 134.451 χ^2 /NDF:32.0/21

+ sign 1165.834 $\pm$ 114.014 χ^2 /NDF: 28.1/39

All: 13.399 $\pm$ 80.264 χ^2 /NDF: 275.6/80

- sign -1118.883 $\pm$ 113.013 χ^2 /NDF: 45.0/40

reg_asym_right_dd_rms vs Slug



Right In: 564.174 $\pm$ 0.155 χ^2 /NDF: 12759.8/16

Left Out: 558.277 $\pm$ 0.094 χ^2 /NDF: 14213.9/22

Right Out: 554.462 $\pm$ 0.148 χ^2 /NDF: 132390.5/18

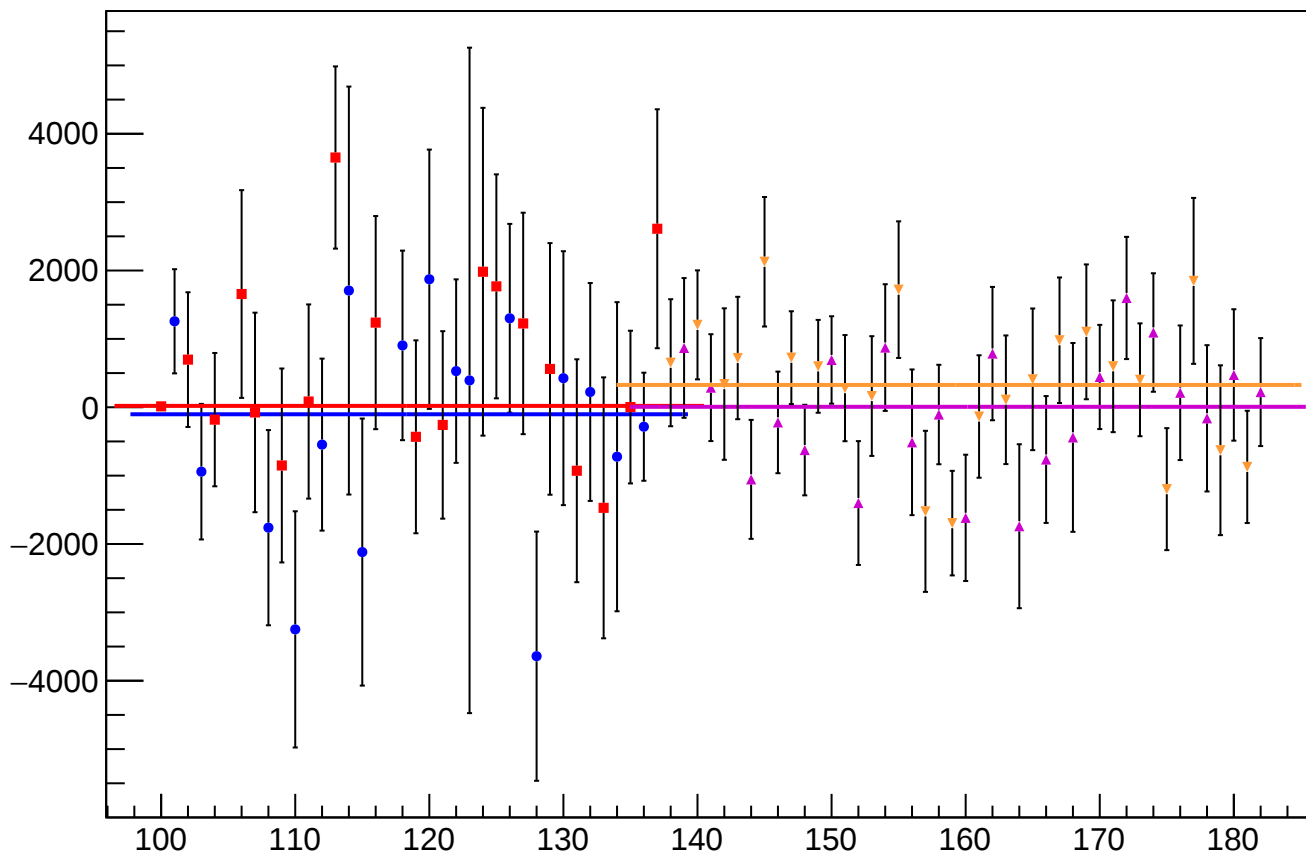
Left In: 557.737 $\pm$ 0.095 χ^2 /NDF: 11146.9/21

+ sign 559.878 $\pm$ 0.081 χ^2 /NDF: 28031.7/39

All: 558.313 $\pm$ 0.057 χ^2 /NDF: 172663.8/80

- sign 556.776 $\pm$ 0.080 χ^2 /NDF: 143885.6/40

asym_right_dd_correction_mean vs Slug



Right In: -102.542 ± 328.366 χ^2/NDF : 17.0/16

Left Out: 326.350 ± 186.411 χ^2/NDF : 25.8/22

Right Out: 20.080 ± 38.955 χ^2/NDF : 15.9/18

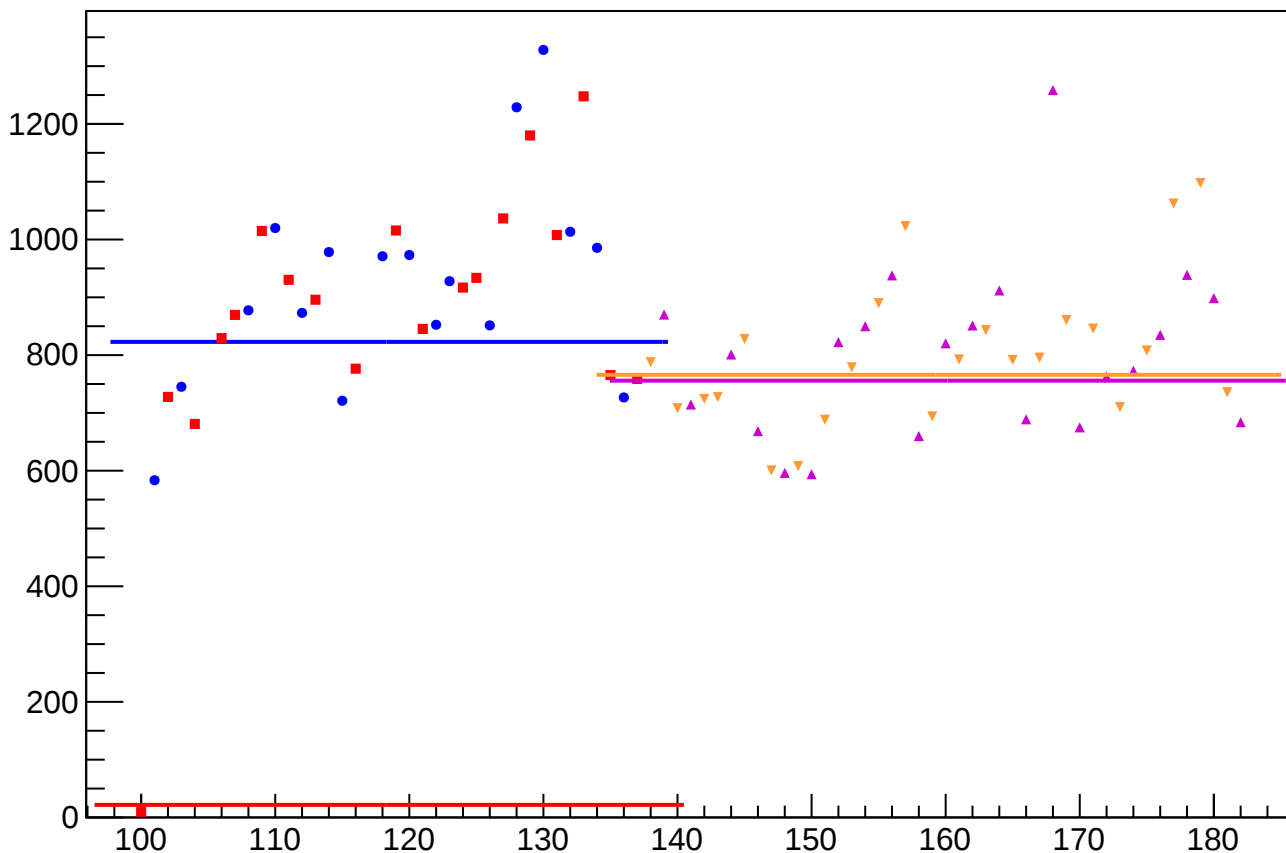
Left In: 6.541 ± 185.344 χ^2/NDF : 20.1/21

+ sign 221.817 ± 162.110 χ^2/NDF : 44.2/39

All: 30.109 ± 37.110 χ^2/NDF : 81.6/80

- sign 19.507 ± 38.122 χ^2/NDF : 36.0/40

asym_right_dd_correction_rms vs Slug



Right In: 822.915 $\pm$ 0.232 χ^2 /NDF: 606659.4/16

Left Out: 765.909 $\pm$ 0.132 χ^2 /NDF: 747358.9/22

Right Out: 21.771 $\pm$ 0.028 χ^2 /NDF: 13478158.3/18

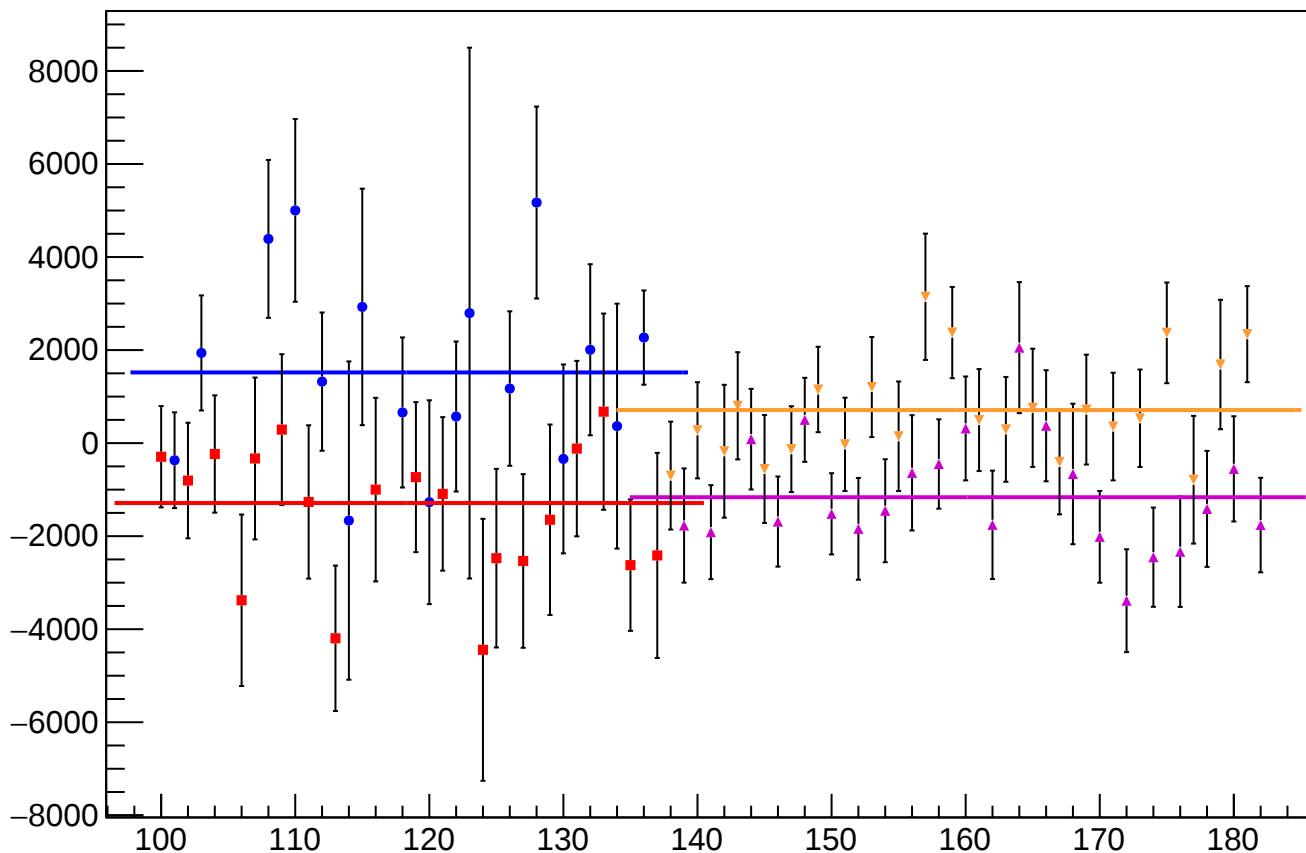
Left In: 755.785 $\pm$ 0.131 χ^2 /NDF: 926625.0/21

+ sign 779.803 $\pm$ 0.115 χ^2 /NDF: 1399603.8/39

All: 90.920 $\pm$ 0.026 χ^2 /NDF: 83958091.6/80

- sign 52.824 $\pm$ 0.027 χ^2 /NDF: 44445268.4/40

asym_right_dd_mean vs Slug



Right In: 1519.485 ± 402.890 χ^2/NDF : 17.8/16

Left Out: 711.061 ± 232.944 χ^2/NDF : 19.2/22

Right Out: -1287.537 ± 376.679 χ^2/NDF : 12.4/18

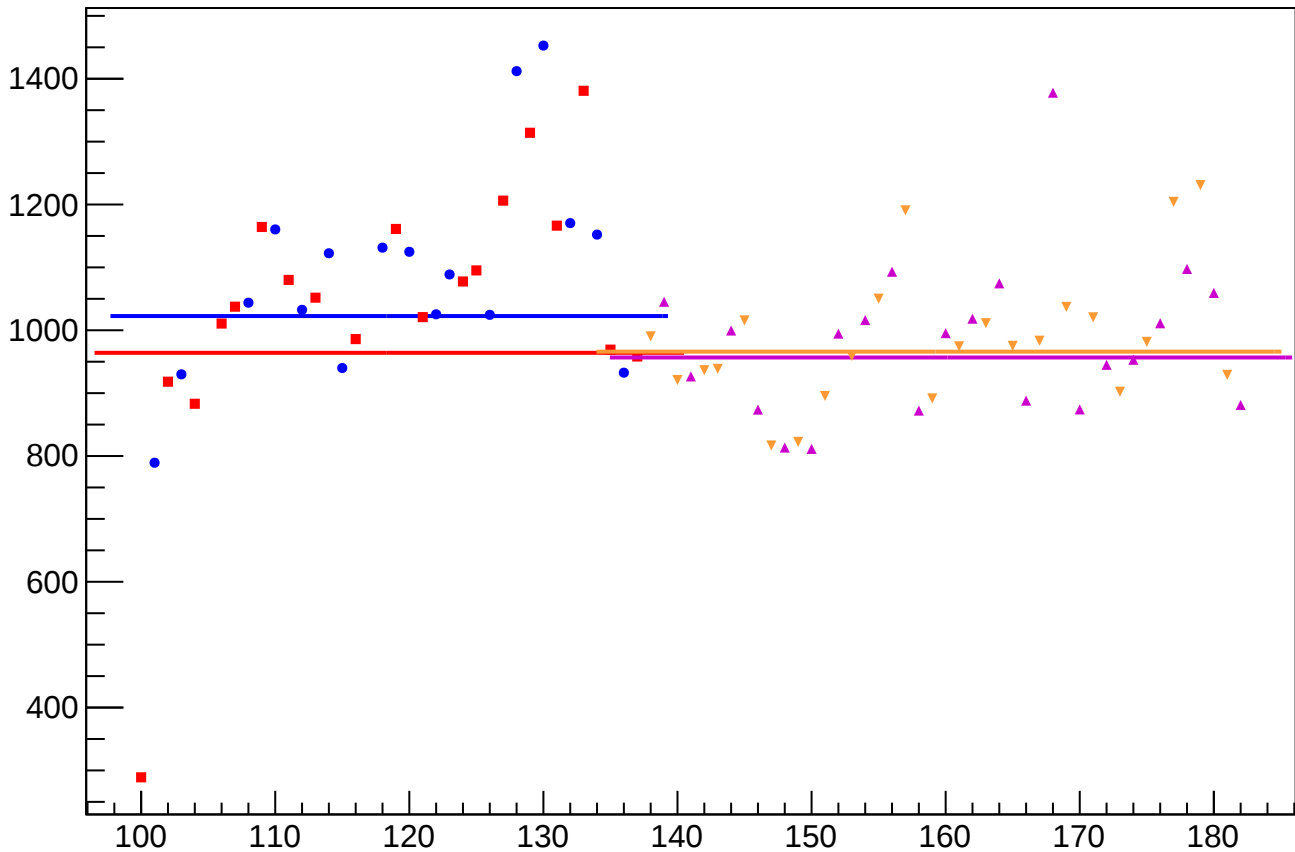
Left In: -1163.288 ± 232.488 χ^2/NDF : 24.1/21

+ sign 913.604 ± 201.663 χ^2/NDF : 40.0/39

All: -162.181 ± 141.226 χ^2/NDF : 132.4/80

- sign -1197.563 ± 197.839 χ^2/NDF : 36.5/40

asym_right_dd_rms vs Slug



Right In: 1022.583 $\pm$ 0.285 χ^2 /NDF: 336434.0/16

Left Out: 965.956 $\pm$ 0.165 χ^2 /NDF:356694.2/22

Right Out: 964.149 $\pm$ 0.266 χ^2 /NDF: 1068768.6/18

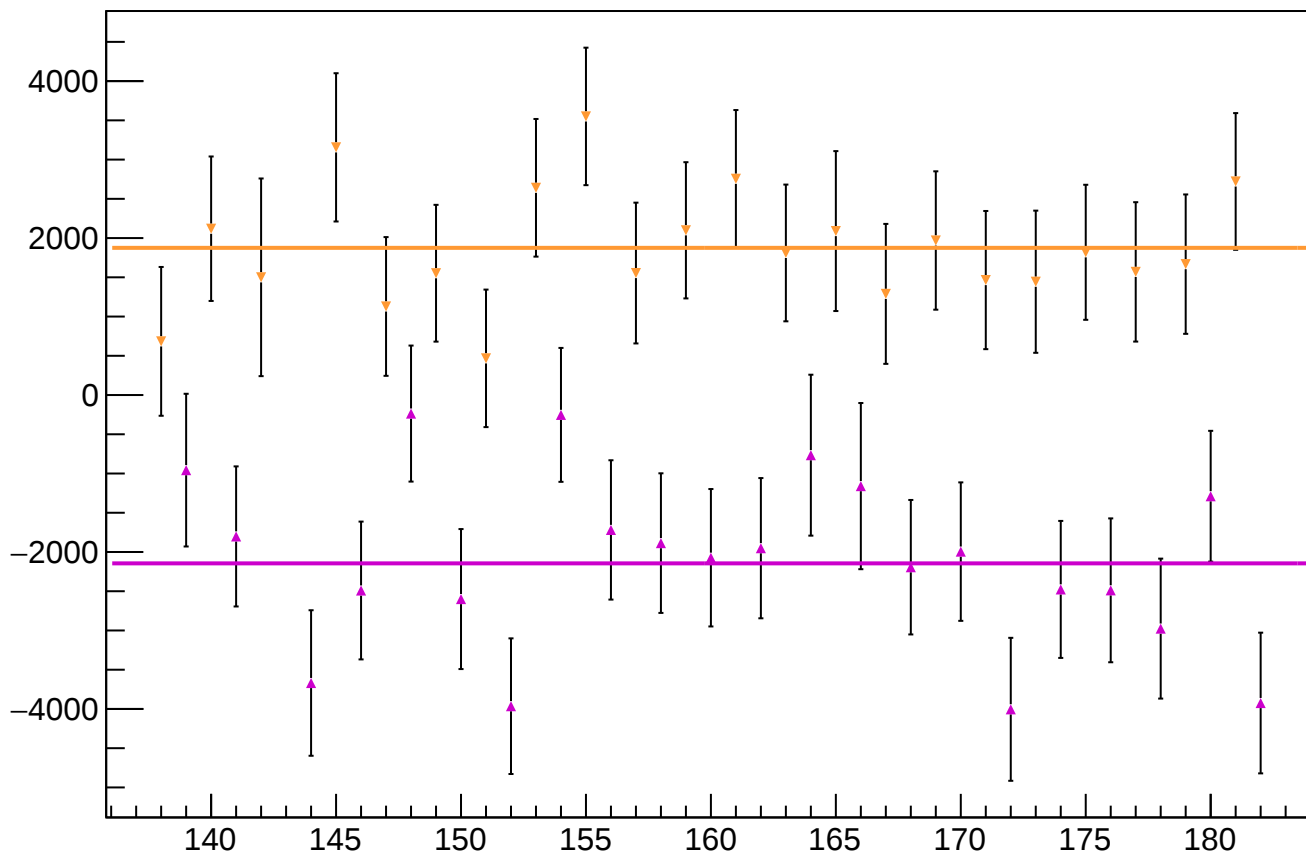
Left In: 956.722 $\pm$ 0.164 χ^2 /NDF:439364.9/21

+ sign 980.143 $\pm$ 0.143 χ^2 /NDF: 722739.3/39

All: 969.252 $\pm$ 0.100 χ^2 /NDF: 2242882.7/80

- sign 958.771 $\pm$ 0.140 χ^2 /NDF: 1508696.6/40

cor_asym_us_avg_mean vs Slug



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

Left Out: 1875.471+/-192.586 χ^2/NDF :14.7/21

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

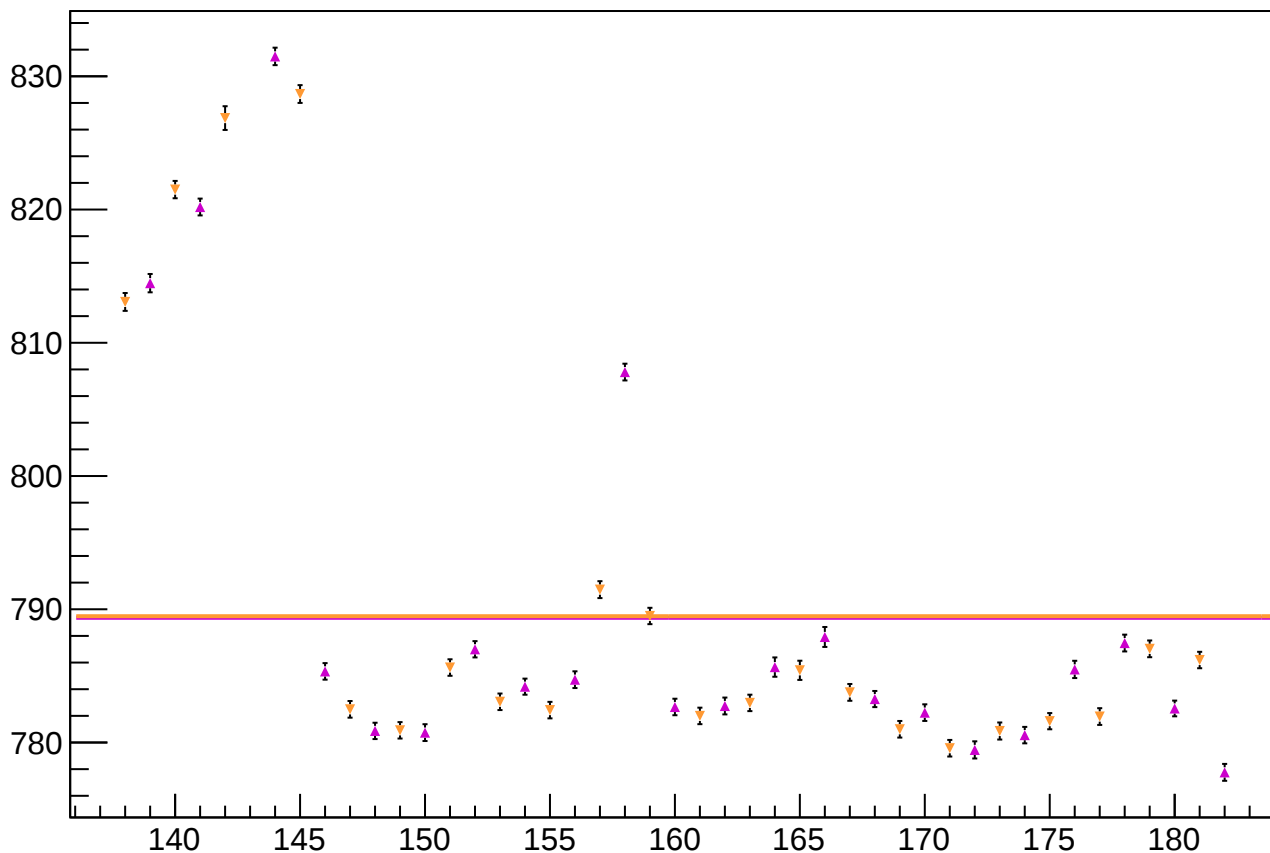
Left In: -2144.910+/-191.373 χ^2/NDF :32.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.430+/-135.748 χ^2/NDF : 266.3/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



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

Left Out: 789.478+/-0.136 χ^2/NDF :10813.8/21

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

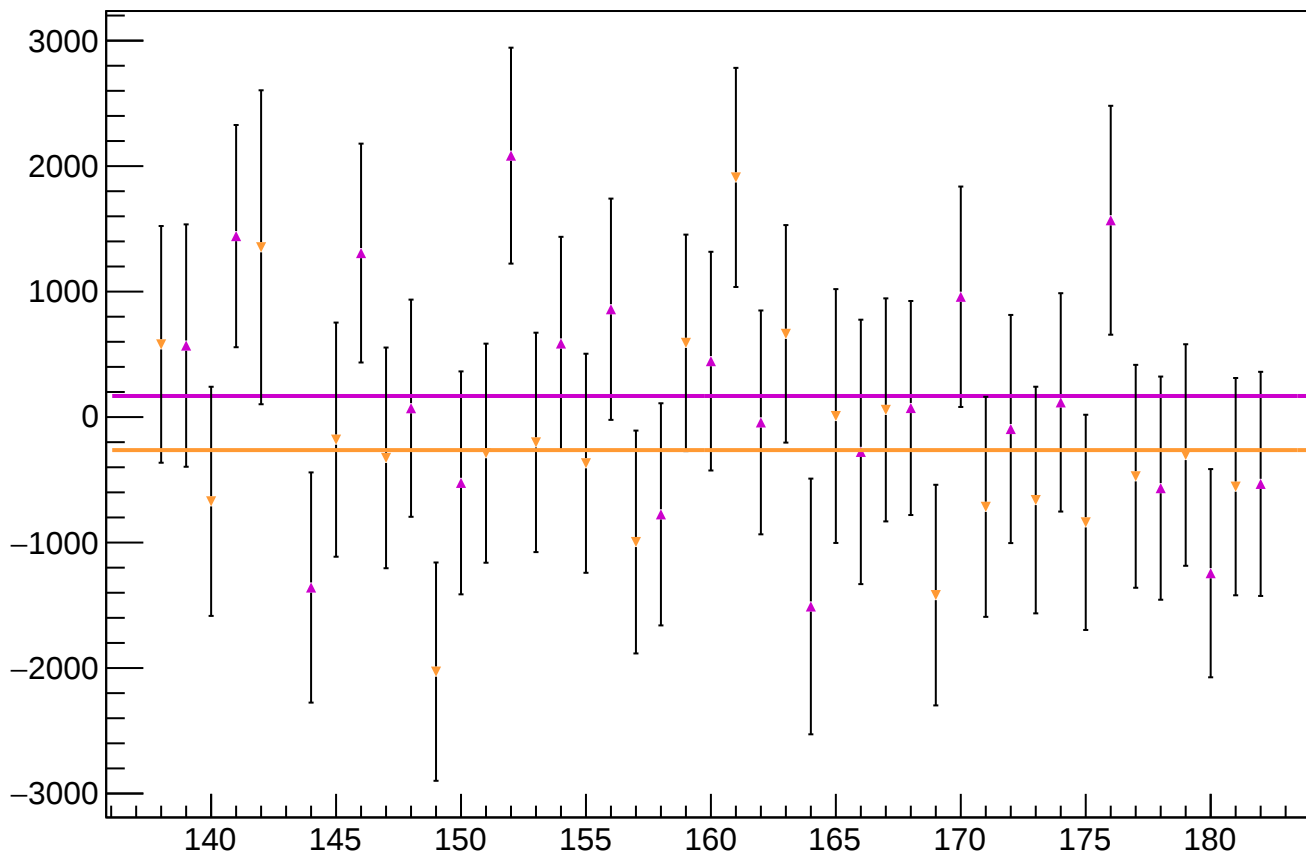
Left In: 789.361+/-0.135 χ^2/NDF :10714.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.419+/-0.096 χ^2/NDF : 21528.7/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_mean vs Slug



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

Left Out: -263.171+/-191.666 χ^2/NDF : 18.8/21

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

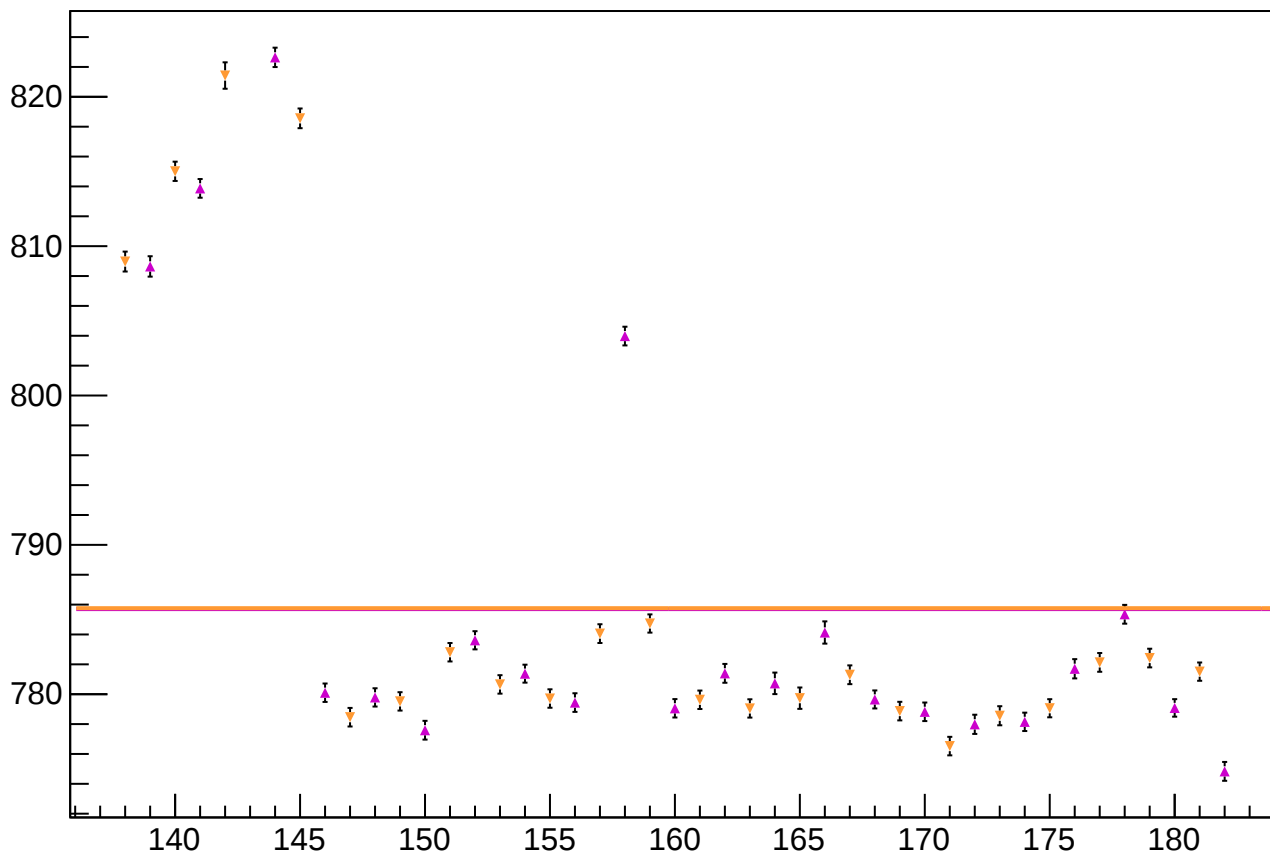
Left In: 168.078+/-190.477 χ^2/NDF : 24.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.205+/-135.106 χ^2/NDF : 46.2/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



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

Left Out: 785.760+/-0.136 χ^2/NDF : 8842.5/21

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

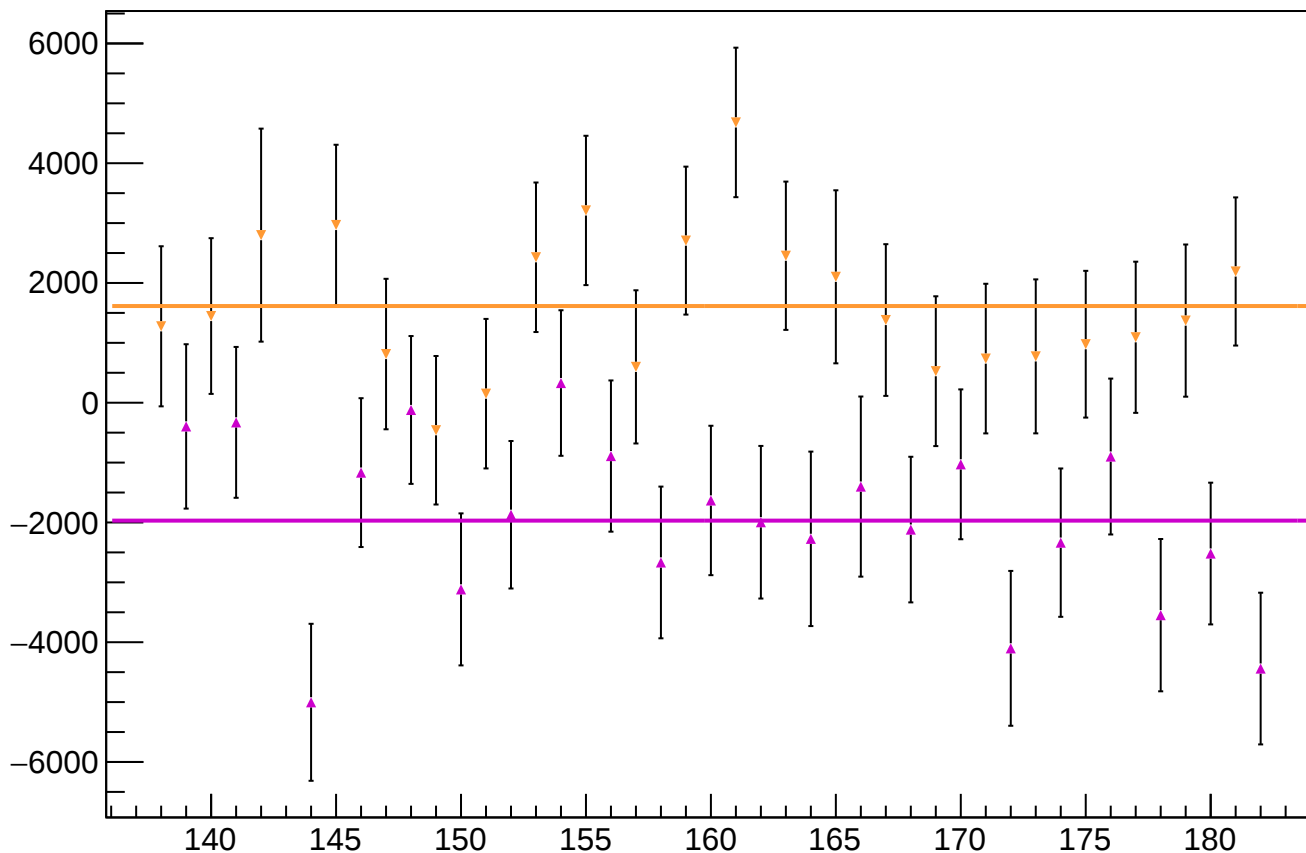
Left In: 785.699+/-0.135 χ^2/NDF : 8950.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.730+/-0.096 χ^2/NDF : 17793.4/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_mean vs Slug



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

Left Out: 1614.659+/-273.744 χ^2/NDF :18.6/21

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

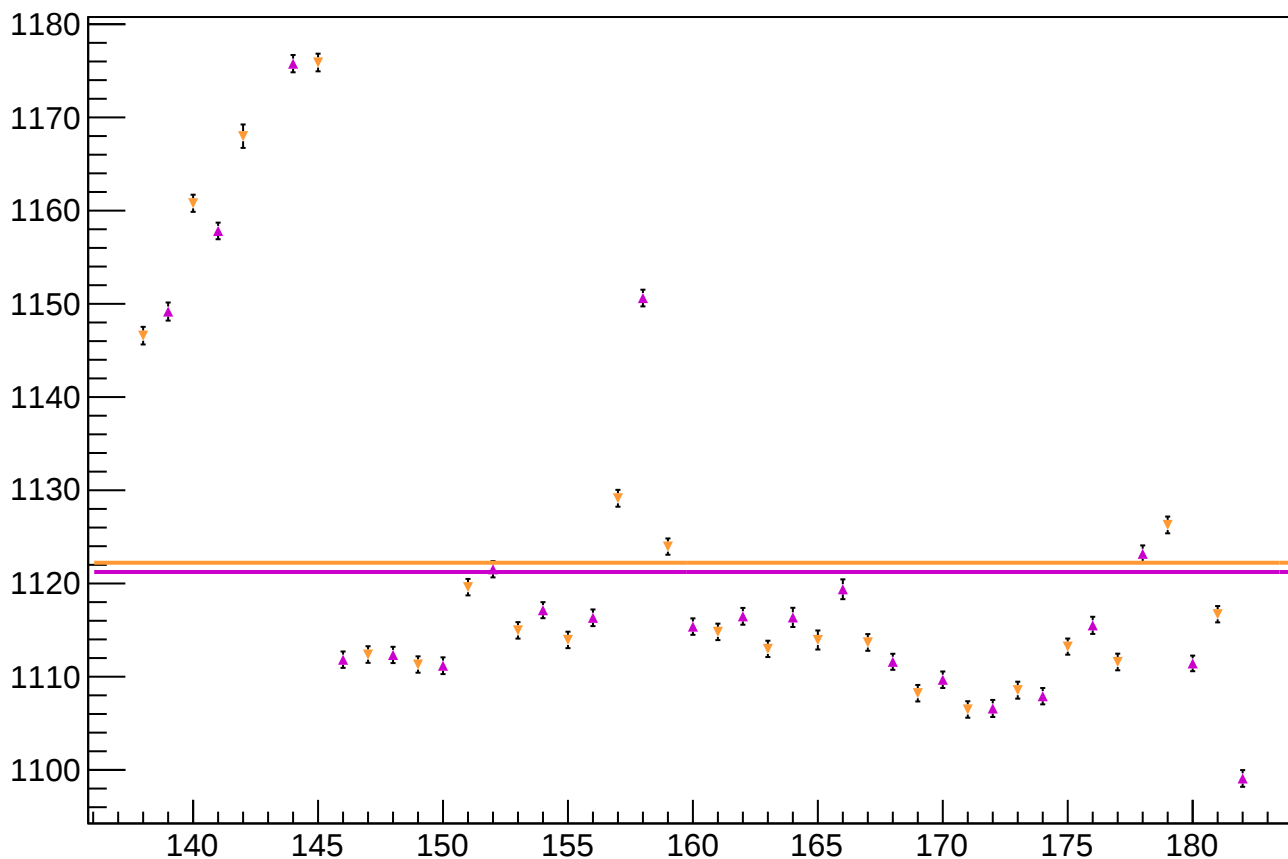
Left In: -1969.226+/-271.823 χ^2/NDF :26.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.901+/-192.883 χ^2/NDF : 131.3/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_rms vs Slug



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

Left Out: 1122.225+/-0.194 χ^2/NDF : 8900.3/21

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

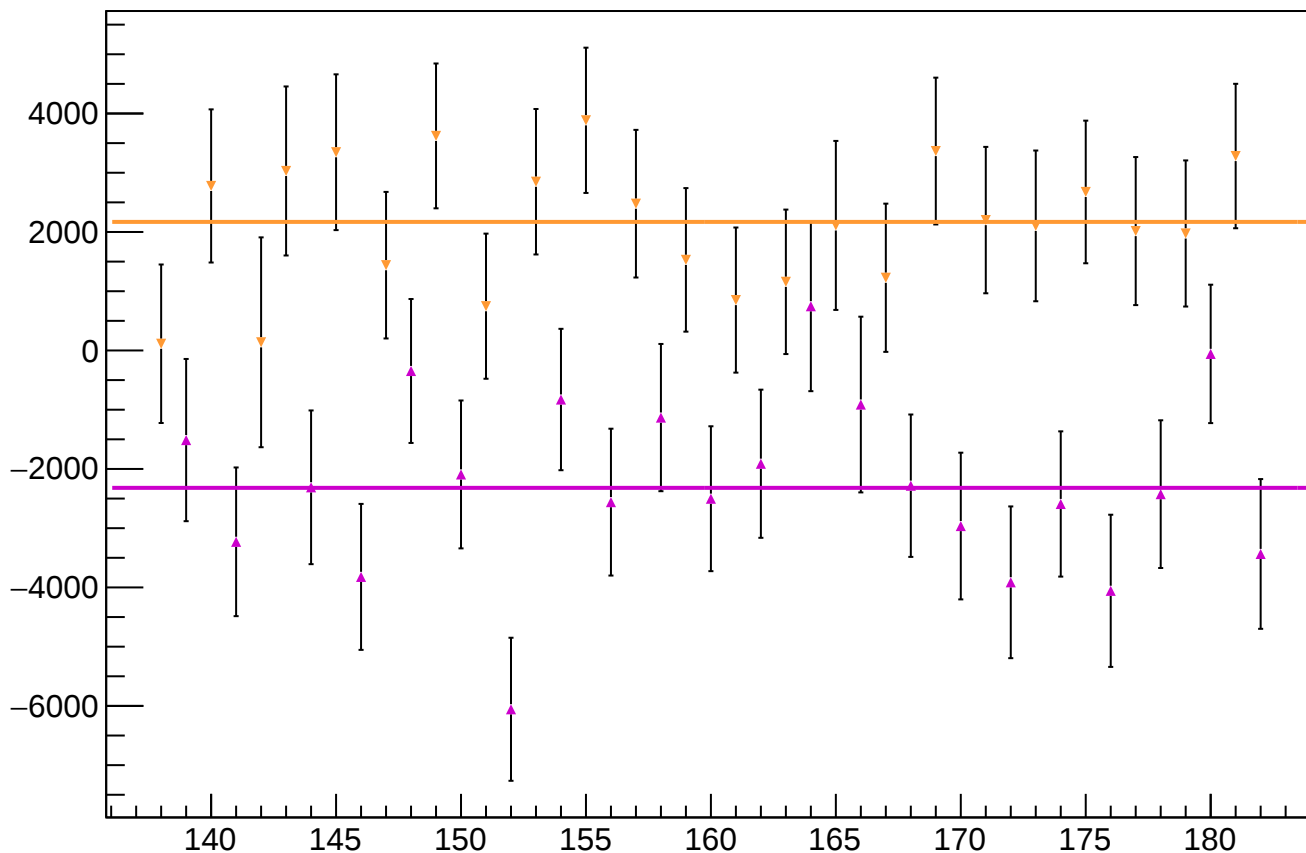
Left In: 1121.232+/-0.192 χ^2/NDF : 9122.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.725+/-0.136 χ^2/NDF : 18036.0/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



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

Left Out: 2170.336+/-264.967 χ^2/NDF : 15.2/22

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

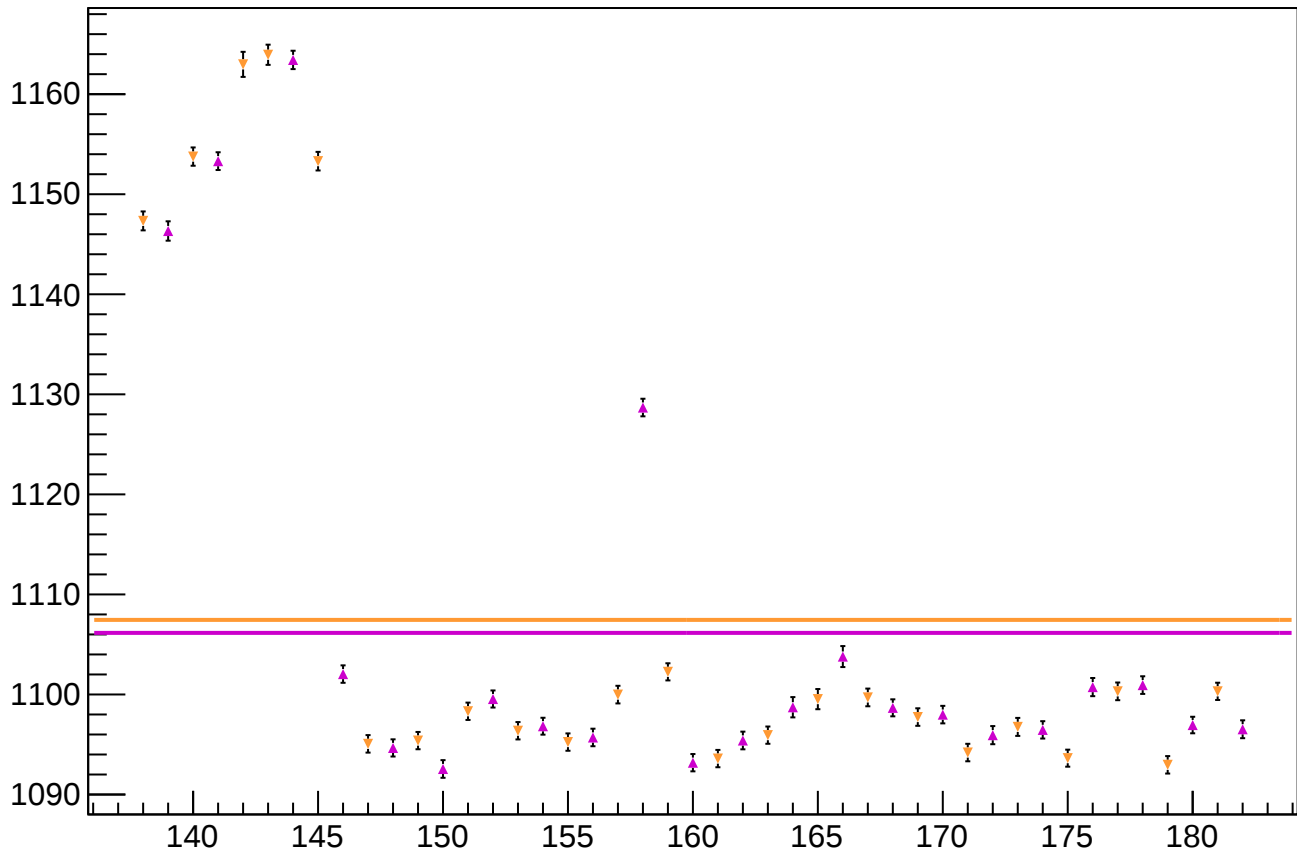
Left In: -2319.127+/-268.176 χ^2/NDF : 31.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.373+/-188.484 χ^2/NDF : 187.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug



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

Left Out: 1107.455+/-0.187 χ^2/NDF :14595.2/22

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

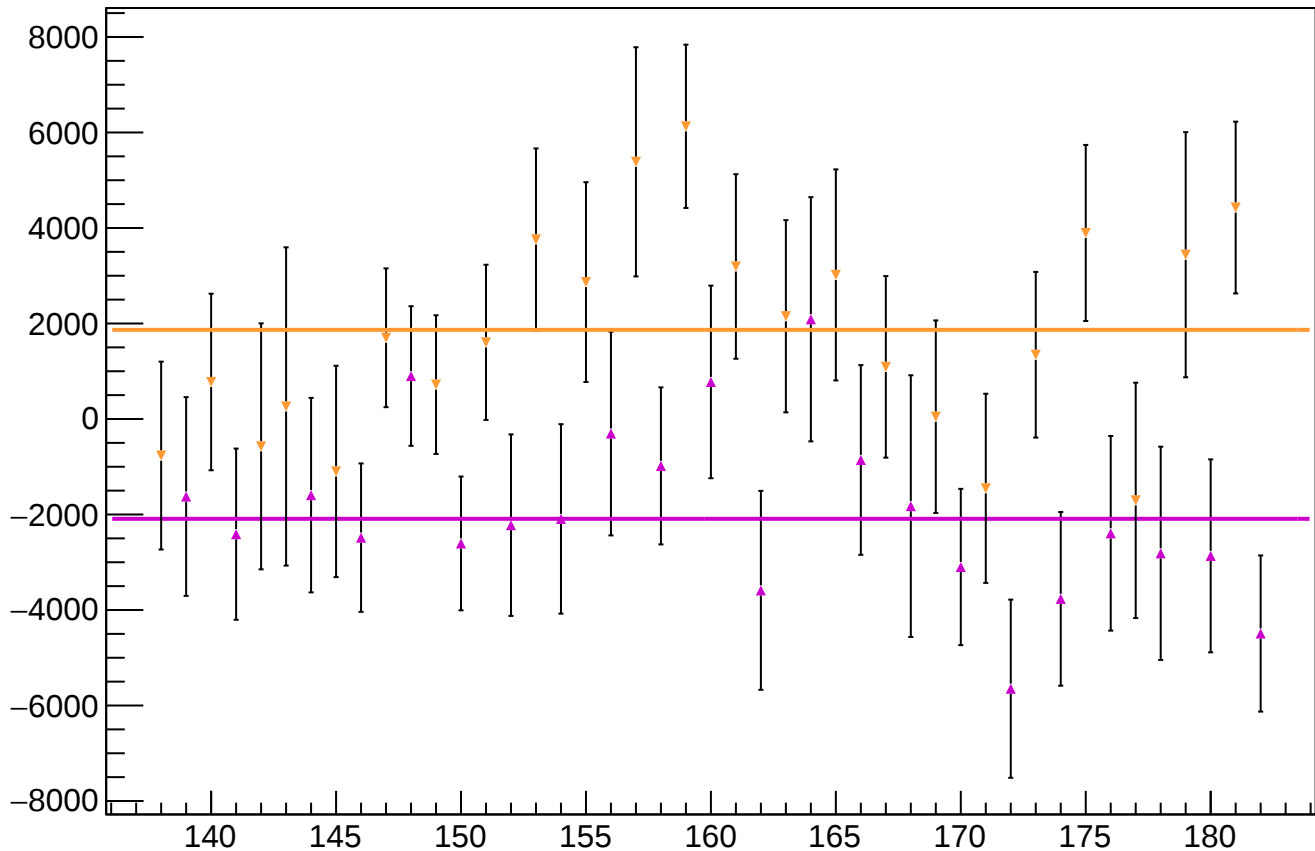
Left In: 1106.156+/-0.190 χ^2/NDF :11023.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.813+/-0.133 χ^2/NDF : 25641.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs Slug



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

Left Out: 1866.818+/-405.172 χ^2/NDF :25.7/22

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

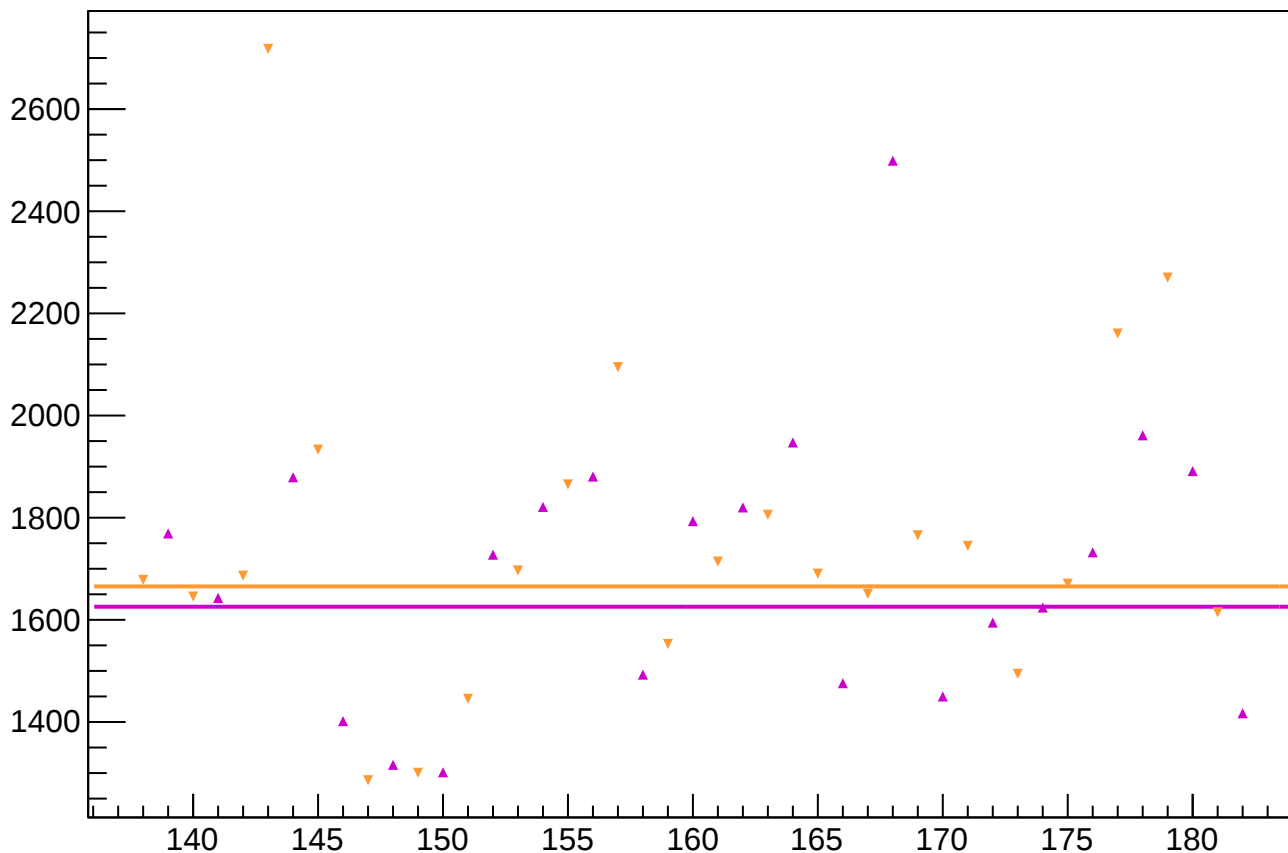
Left In: -2090.283+/-397.317 χ^2/NDF :18.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.465+/-283.682 χ^2/NDF : 92.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs Slug



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

Left Out: 1665.445+/-0.287 χ^2/NDF : 852354.0/22

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

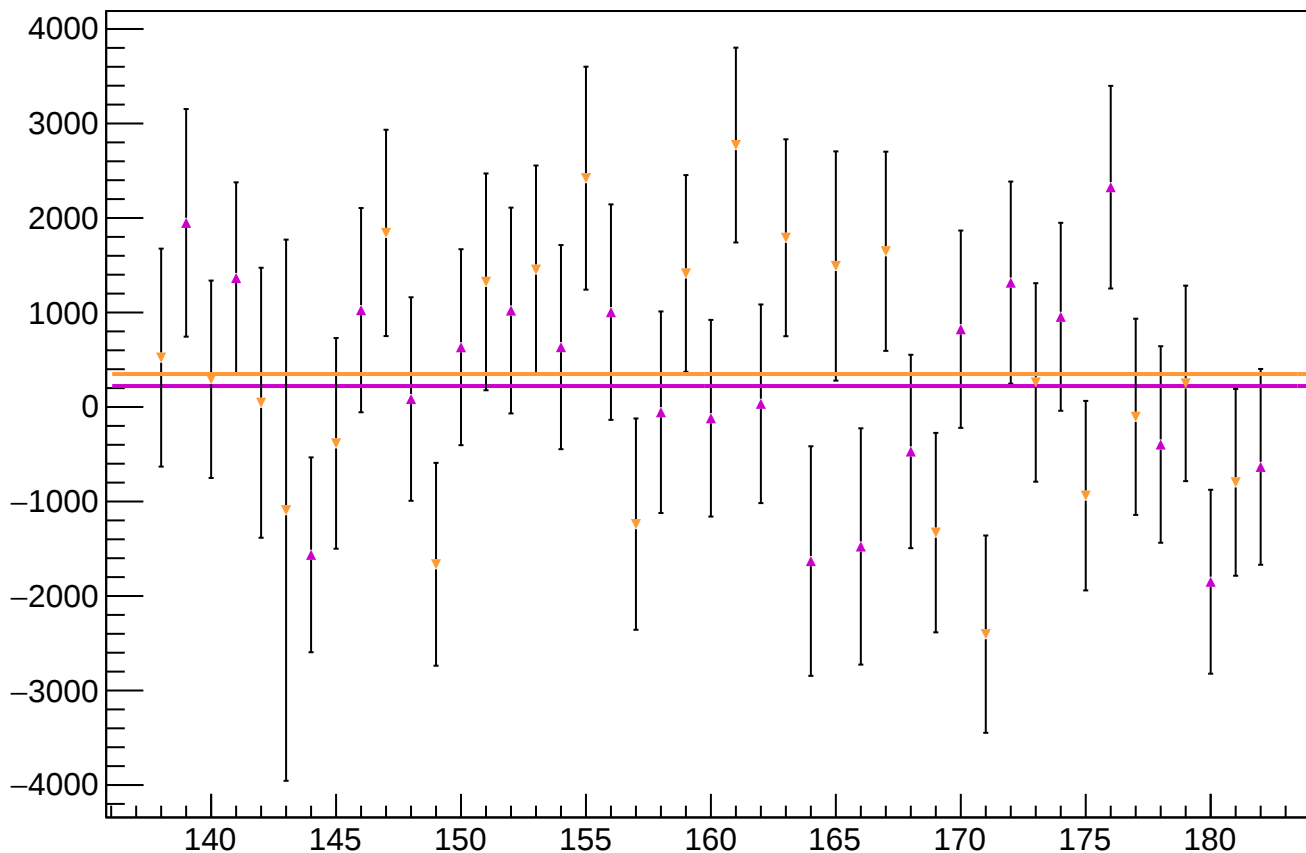
Left In: 1625.694+/-0.281 χ^2/NDF : 764595.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1645.180+/-0.201 χ^2/NDF : 1626763.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



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

Left Out: 348.855 $\pm$ 230.239 χ^2 /NDF:36.6/22

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

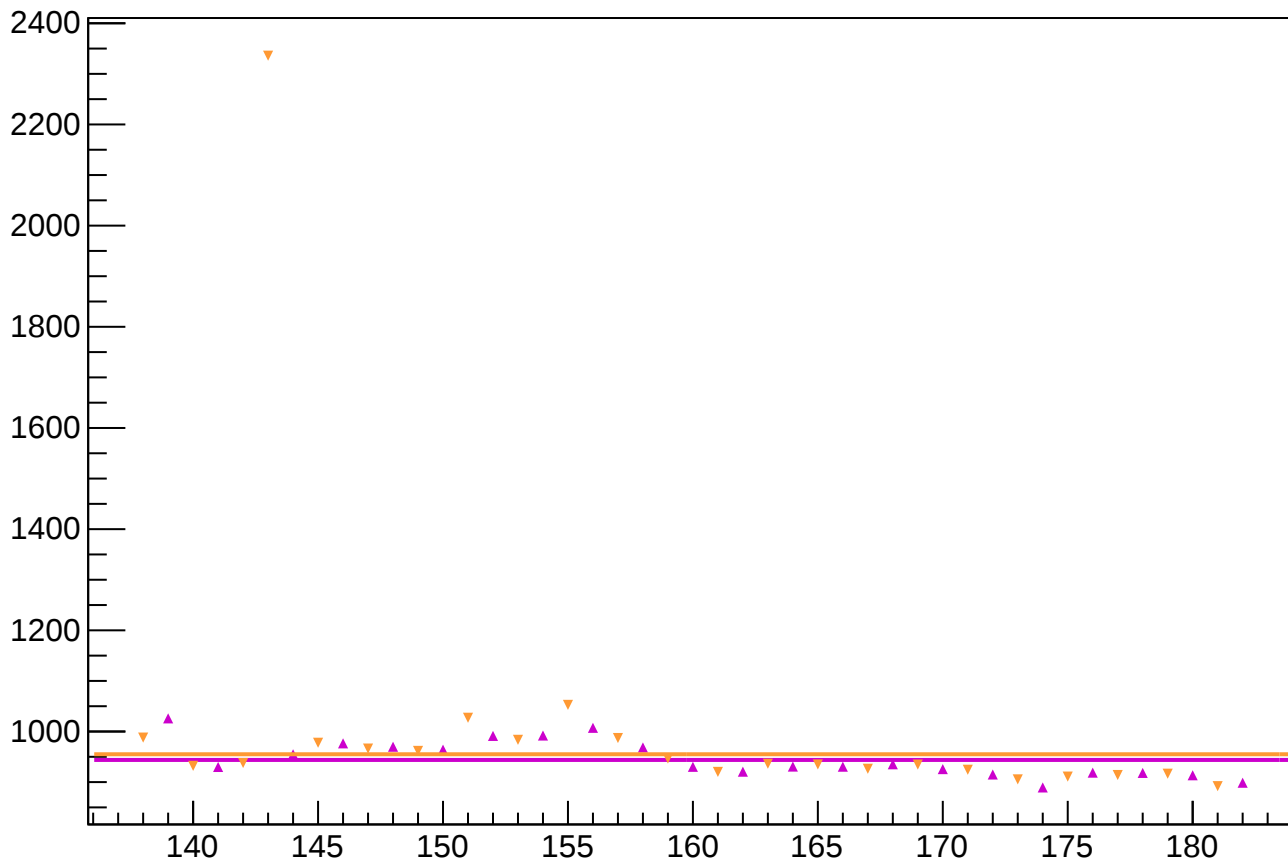
Left In: 221.809 $\pm$ 227.676 χ^2 /NDF:24.4/21

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

All: 284.621 $\pm$ 161.890 χ^2 /NDF: 61.1/44

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

asym_us_agg_dd_rms vs Slug



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

Left Out: 955.032+/-0.163 χ^2/NDF : 523750.0/22

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

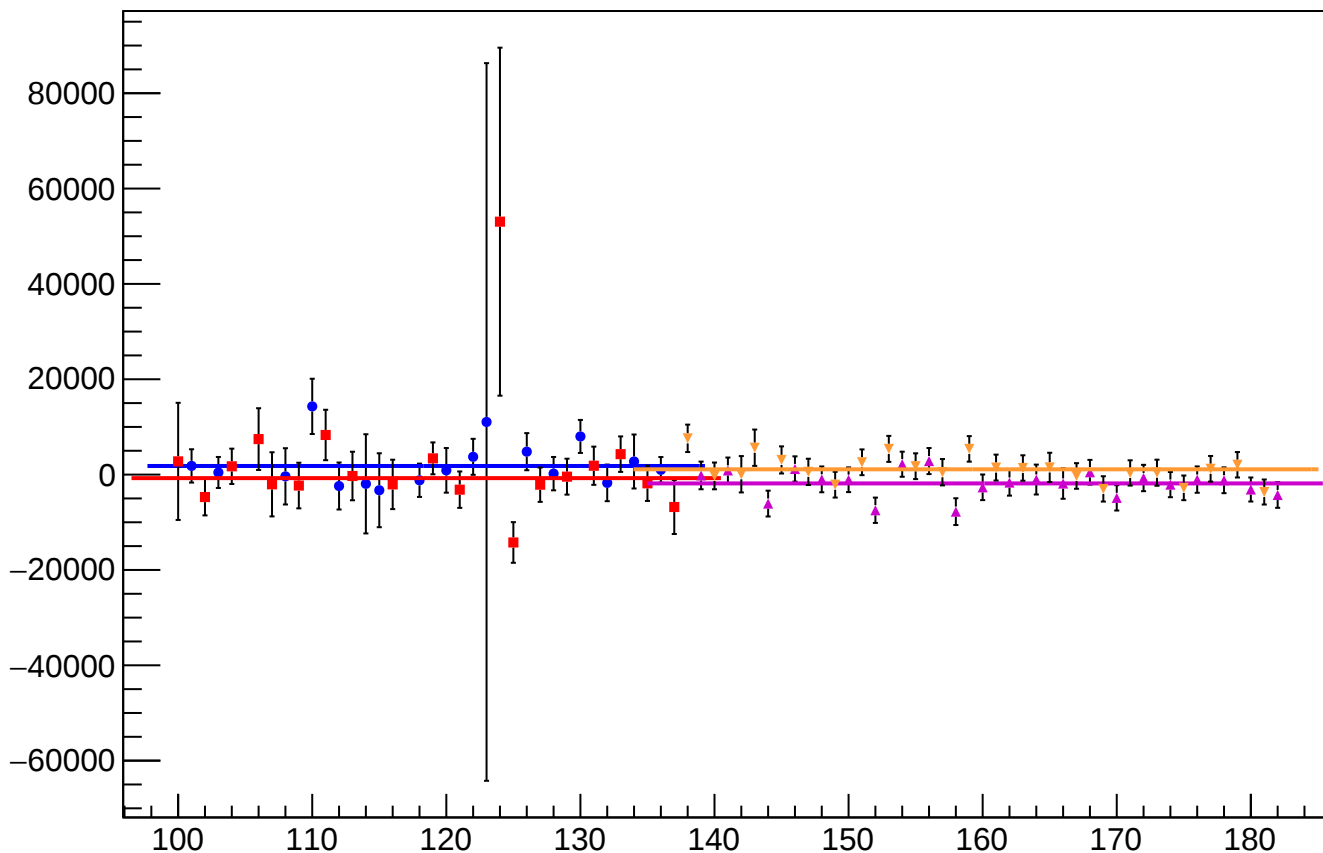
Left In: 943.804+/-0.161 χ^2/NDF : 46765.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.355+/-0.114 χ^2/NDF : 572919.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug



Right In: 1807.995 ± 1015.862 χ^2/NDF : 12.3/16

Left Out: 1108.458 ± 580.335 χ^2/NDF : 22.7/22

Right Out: -739.633 ± 1026.876 χ^2/NDF : 24.1/18

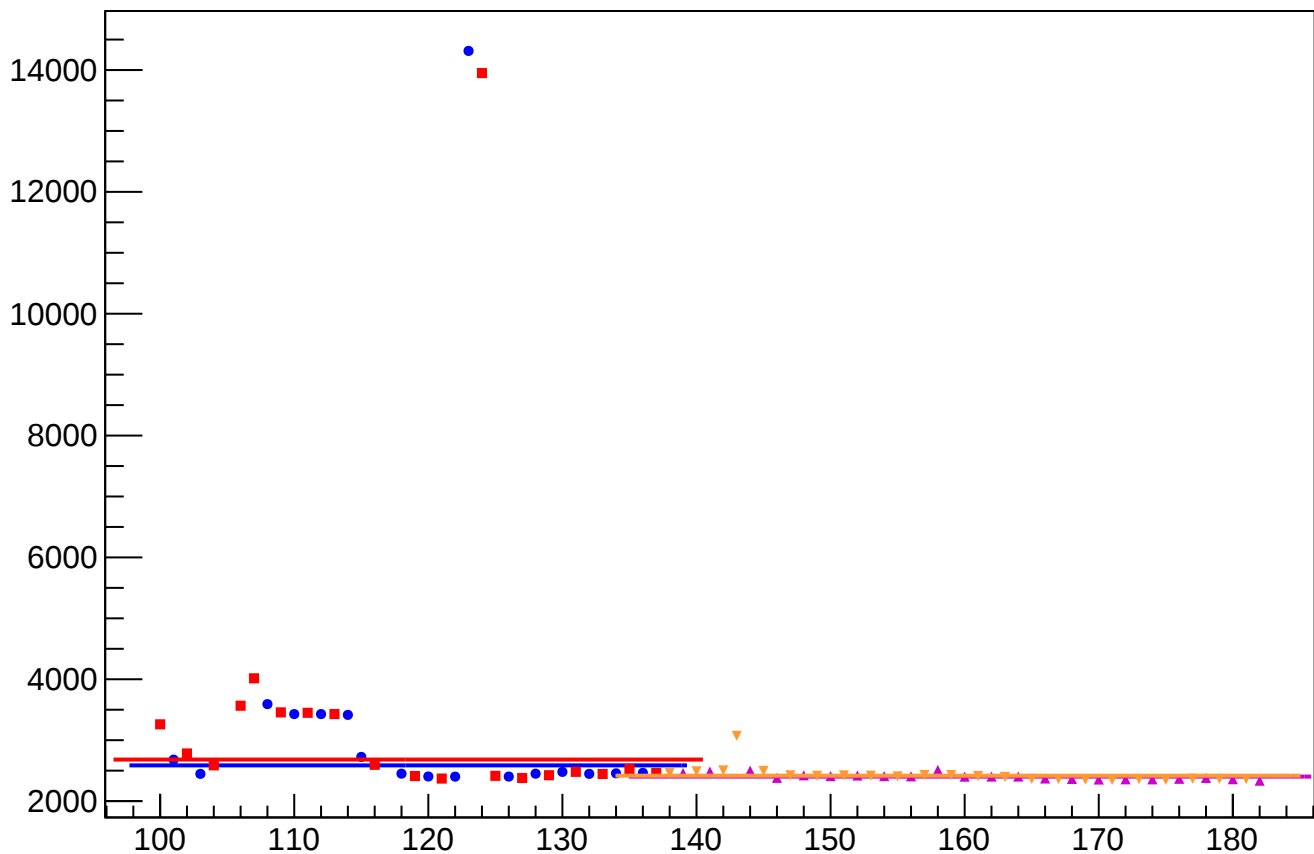
Left In: -1848.386 ± 580.828 χ^2/NDF : 23.2/21

+ sign 1280.581 ± 503.905 χ^2/NDF : 35.4/39

All: -144.846 ± 356.898 χ^2/NDF : 99.6/80

- sign -1579.640 ± 505.558 χ^2/NDF : 48.2/40

reg_asym_atl1_rms vs Slug



Right In: 2586.401+/-0.718 χ^2/NDF : 253848.4/16

Left Out: 2417.562+/-0.410 χ^2/NDF : 72252.8/22

Right Out: 2682.004+/-0.726 χ^2/NDF : 529065.5/18

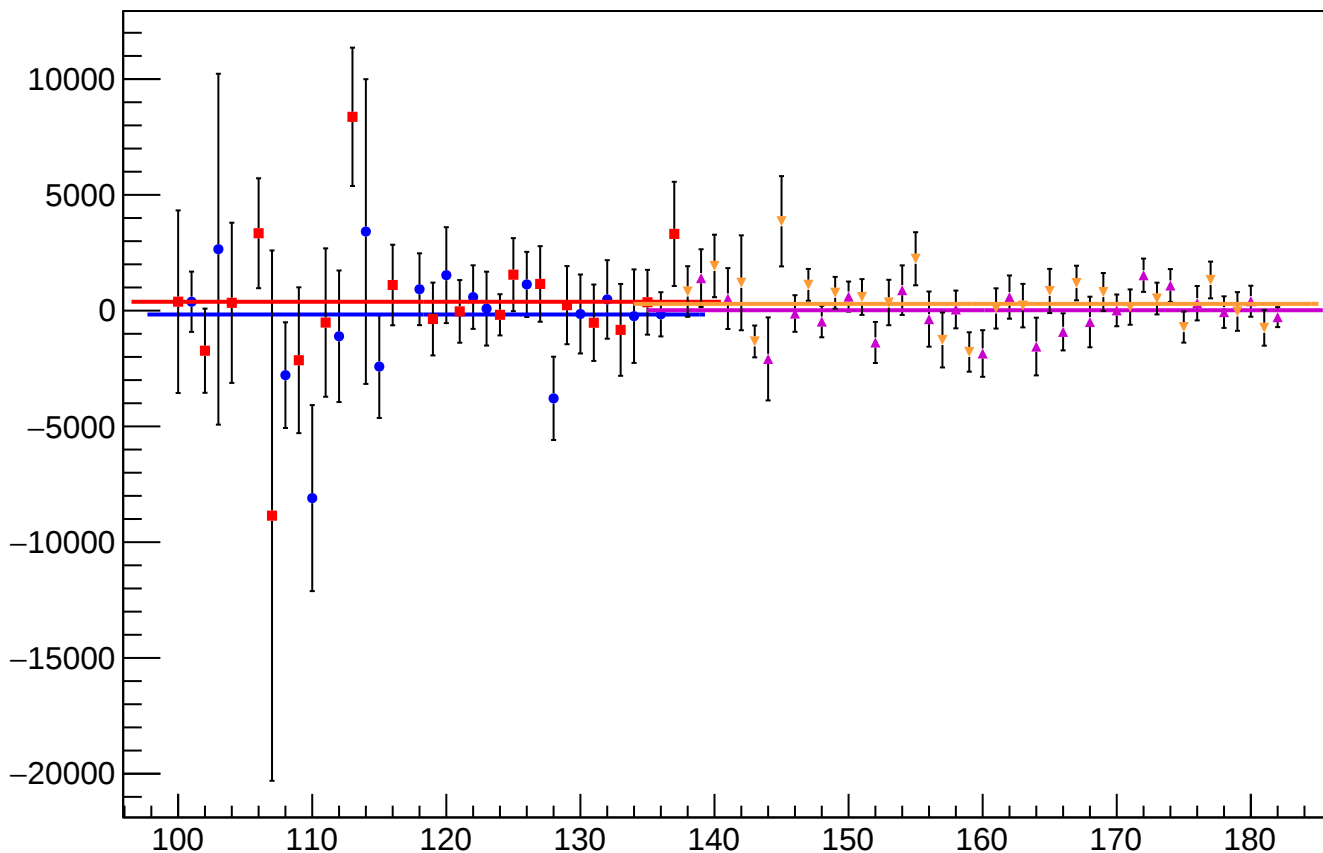
Left In: 2402.384+/-0.411 χ^2/NDF : 13423.2/21

+ sign 2459.105+/-0.356 χ^2/NDF : 367754.1/39

All: 2464.614+/-0.252 χ^2/NDF : 1023074.5/80

- sign 2470.160+/-0.357 χ^2/NDF : 654840.7/40

asym_atl1_correction_mean vs Slug



Right In: -166.806 ± 421.387 χ^2/NDF : 13.5/16

Left Out: 291.863 ± 178.478 χ^2/NDF : 31.7/22

Right Out: 382.536 ± 410.020 χ^2/NDF : 15.5/18

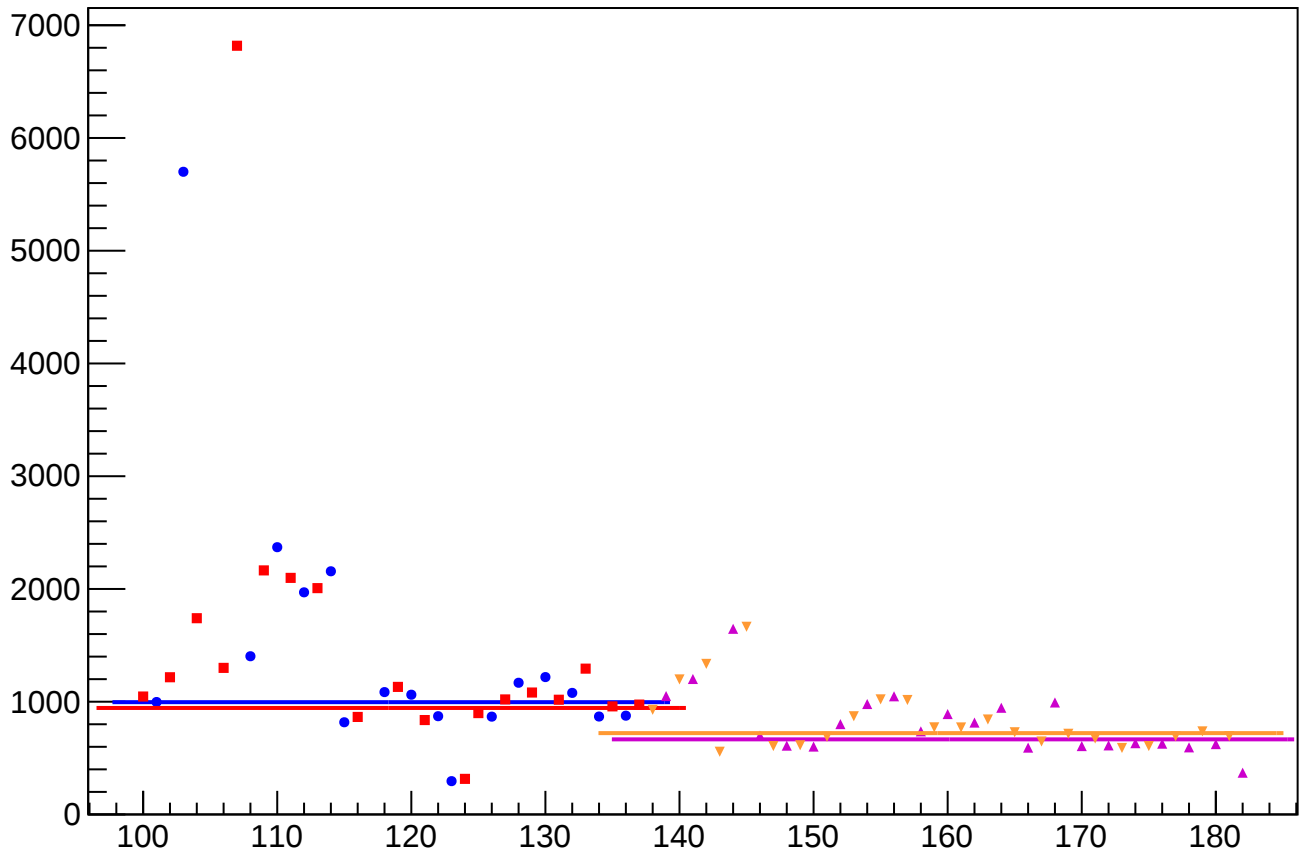
Left In: 17.428 ± 169.508 χ^2/NDF : 22.0/21

+ sign 222.097 ± 164.344 χ^2/NDF : 46.2/39

All: 142.782 ± 113.391 χ^2/NDF : 84.8/80

- sign 70.721 ± 156.649 χ^2/NDF : 38.2/40

asym_atl1_correction_rms vs Slug



Right In: 995.873+/-0.298 χ^2/NDF : 1903000.1/16

Left Out: 721.415+/-0.126 χ^2/NDF : 1711057.9/22

Right Out: 944.562+/-0.290 χ^2/NDF : 2666448.2/18

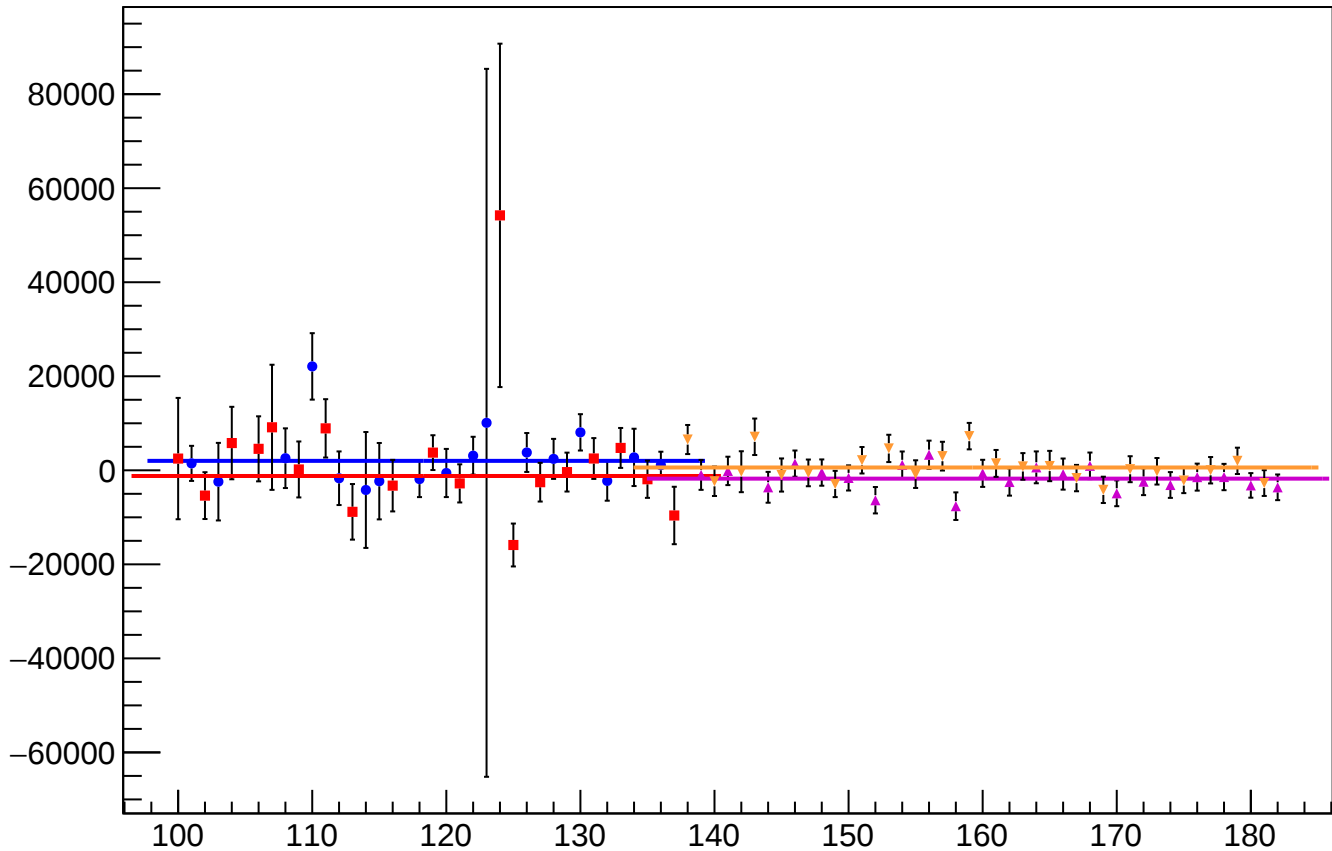
Left In: 666.025+/-0.120 χ^2/NDF : 3045379.1/21

+ sign 763.162+/-0.116 χ^2/NDF : 4333441.8/39

All: 733.568+/-0.080 χ^2/NDF : 10957287.6/80

- sign 706.681+/-0.111 χ^2/NDF : 6500075.6/40

asym_atl1_mean vs Slug



Right In: 2009.141+/-1163.584 χ^2/NDF : 14.5/16

Left Out: 599.033+/-616.145 χ^2/NDF : 24.7/22

Right Out: -1208.755+/-1191.039 χ^2/NDF : 26.8/18

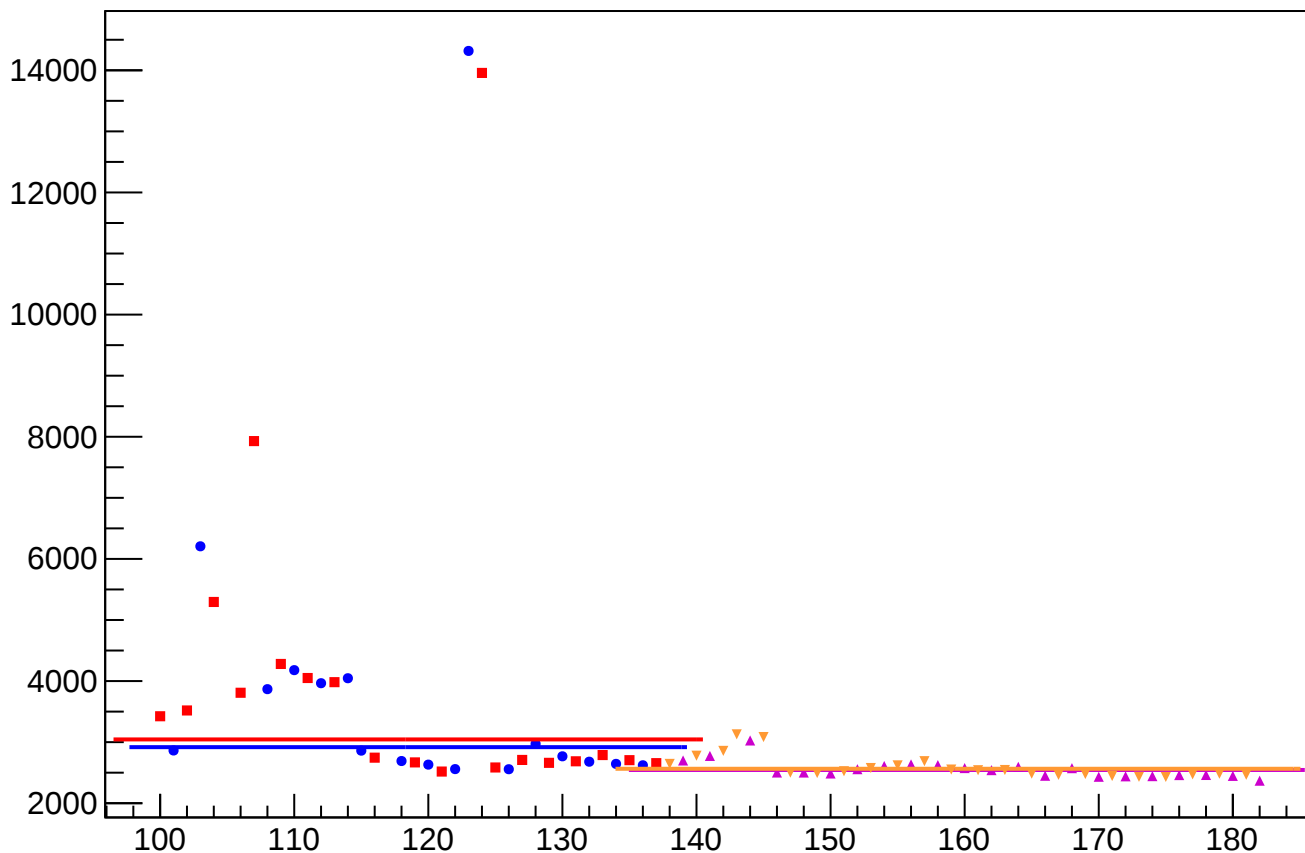
Left In: -1773.829+/-615.887 χ^2/NDF : 16.9/21

+ sign 907.834+/-544.516 χ^2/NDF : 40.4/39

All: -367.386+/-385.932 χ^2/NDF : 95.3/80

- sign -1654.610+/-547.073 χ^2/NDF : 43.9/40

asym_atl1_rms vs Slug



Right In: 2918.002 $\pm$ 0.823 χ^2 /NDF: 636720.5/16

Left Out: 2563.998 $\pm$ 0.436 χ^2 /NDF:137461.4/22

Right Out: 3044.483 $\pm$ 0.842 χ^2 /NDF: 1006712.4/18

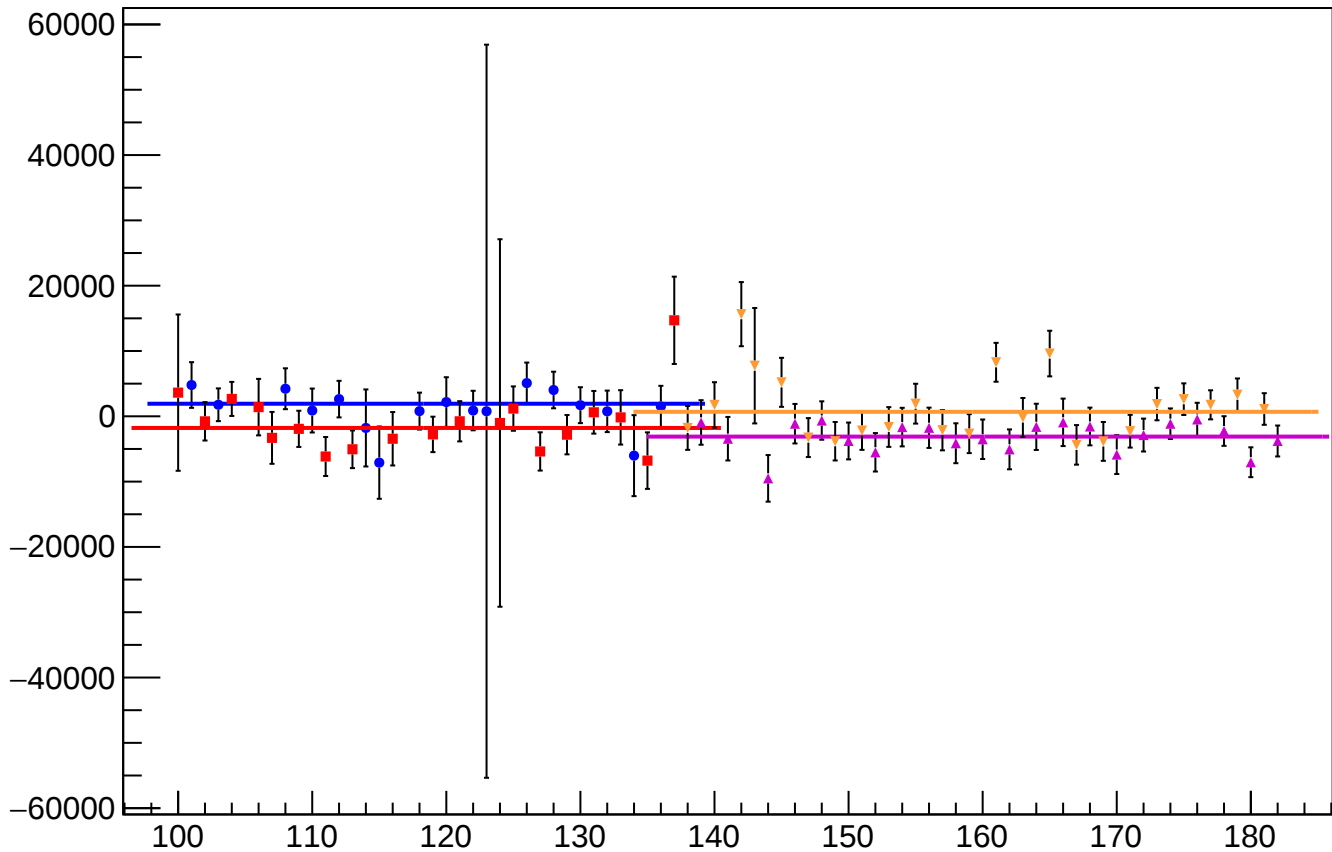
Left In: 2544.334 $\pm$ 0.435 χ^2 /NDF:91594.5/21

+ sign 2641.522 $\pm$ 0.385 χ^2 /NDF: 918761.6/39

All: 2645.669 $\pm$ 0.273 χ^2 /NDF: 2295571.5/80

- sign 2649.855 $\pm$ 0.387 χ^2 /NDF: 1376576.8/40

reg_asym_atl2_mean vs Slug



Right In: 1924.076 ± 813.616 χ^2/NDF : 8.1/16

Left Out: 689.816 ± 616.854 χ^2/NDF : 41.7/22

Right Out: -1783.264 ± 792.384 χ^2/NDF : 18.2/18

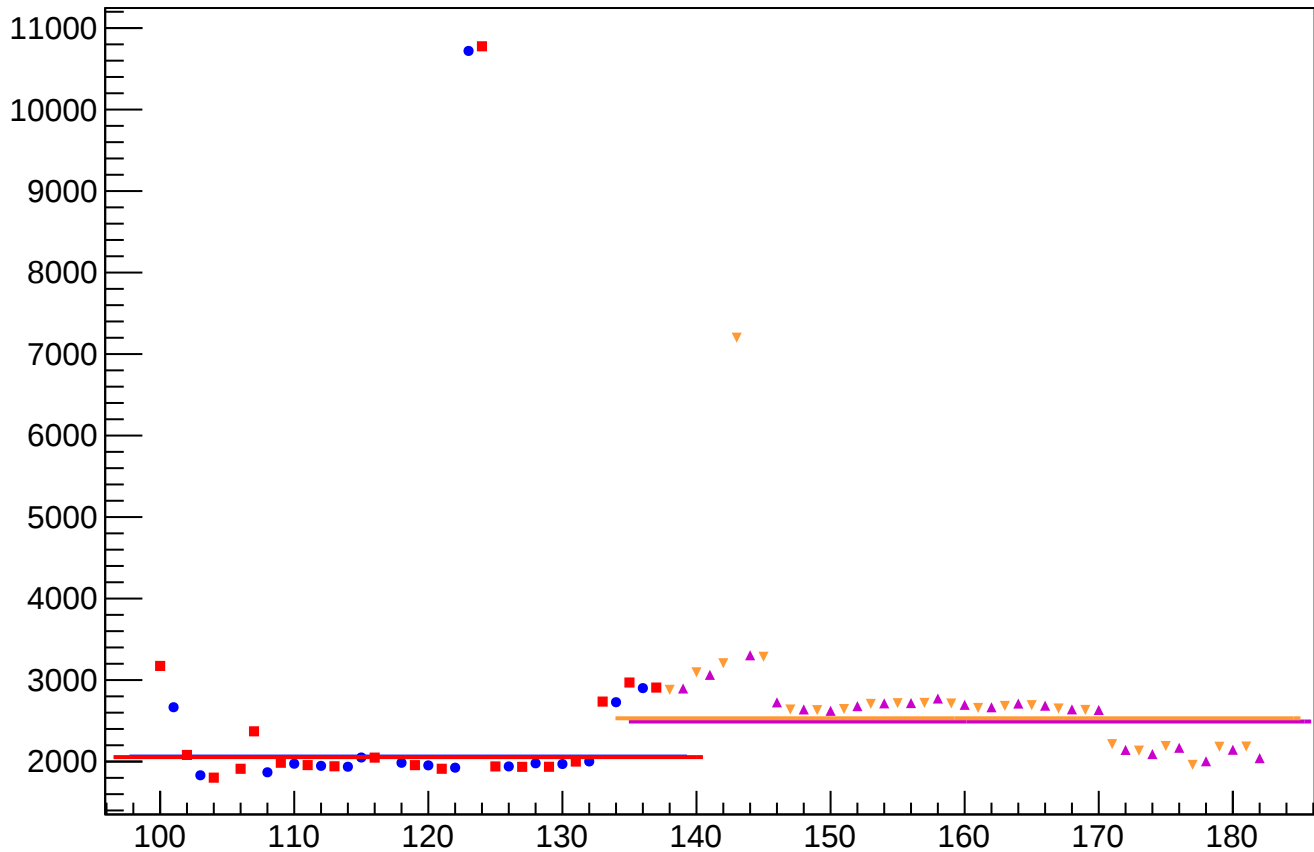
Left In: -3108.815 ± 607.382 χ^2/NDF : 13.1/21

+ sign 1140.325 ± 491.550 χ^2/NDF : 51.3/39

All: -775.602 ± 344.172 χ^2/NDF : 114.2/80

- sign -2618.226 ± 482.055 χ^2/NDF : 33.1/40

reg_asym_atl2_rms vs Slug



Right In: 2060.723+/-0.575 χ^2/NDF : 317606.8/16

Left Out: 2531.000+/-0.436 χ^2/NDF : 1141715.8/22

Right Out: 2054.686+/-0.560 χ^2/NDF : 441666.4/18

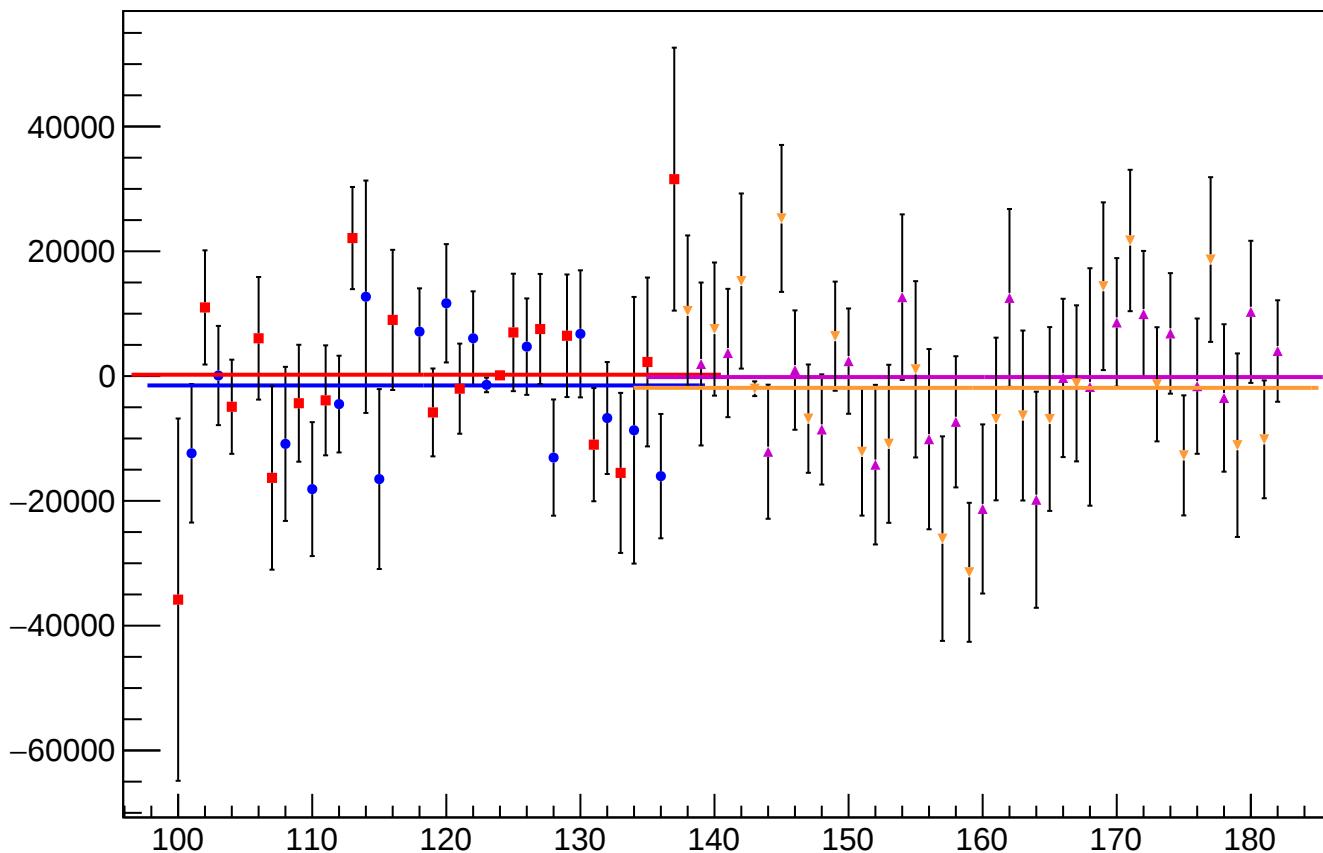
Left In: 2491.245+/-0.429 χ^2/NDF : 637976.5/21

+ sign 2359.347+/-0.348 χ^2/NDF : 1883619.3/39

All: 2344.220+/-0.243 χ^2/NDF : 3349377.5/80

- sign 2329.673+/-0.341 χ^2/NDF : 1462042.6/40

asym_atl2_correction_mean vs Slug



Right In: -1500.129 ± 1054.661 χ^2/NDF : 15.7/16

Left Out: -1885.341 ± 1064.942 χ^2/NDF : 31.7/22

Right Out: 219.966 ± 695.338 χ^2/NDF : 21.0/18

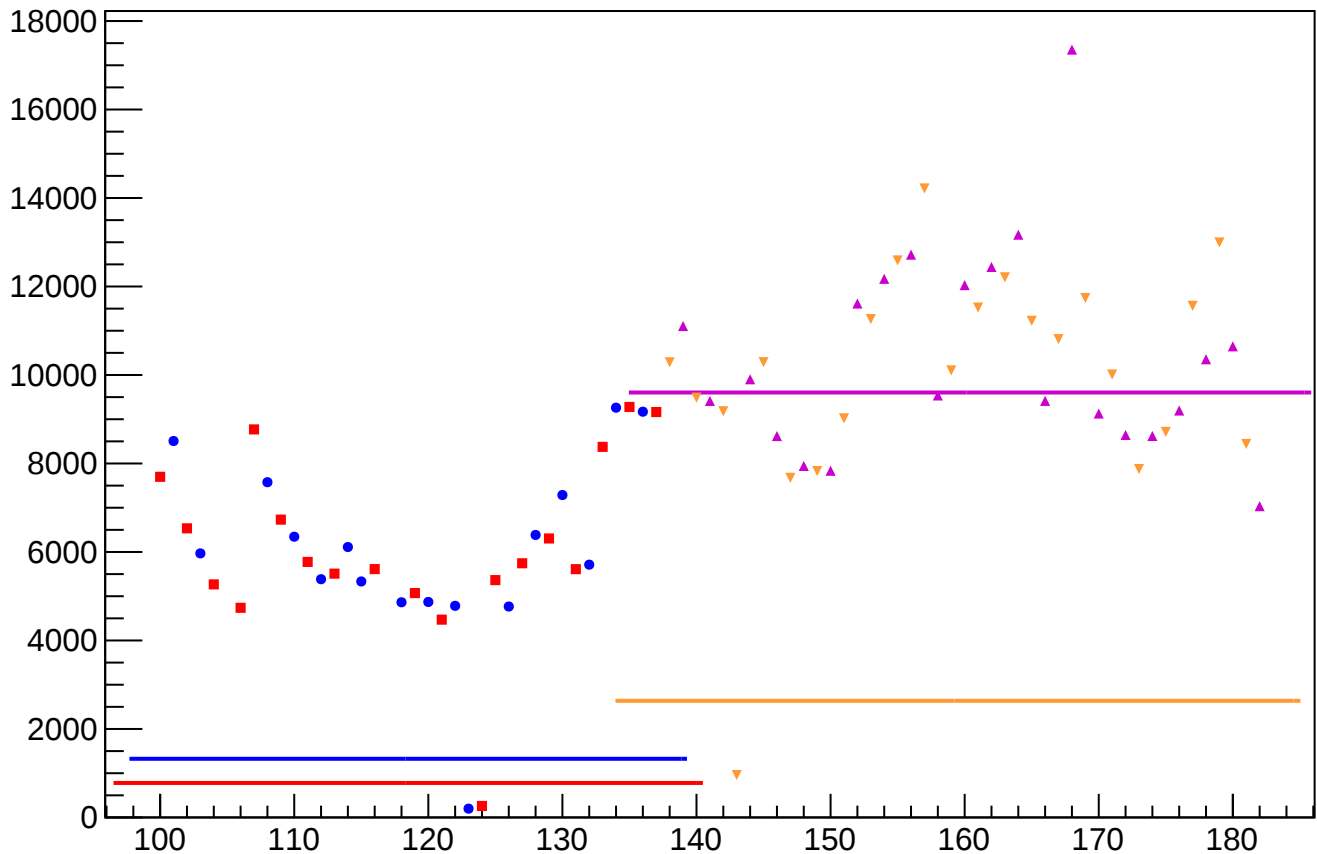
Left In: -158.026 ± 2366.933 χ^2/NDF : 13.5/21

+ sign -1690.866 ± 749.367 χ^2/NDF : 47.4/39

All: -641.661 ± 498.287 χ^2/NDF : 85.4/80

- sign 189.936 ± 667.145 χ^2/NDF : 34.4/40

asym_atl2_correction_rms vs Slug



Right In: 1326.061+/-0.746 χ^2/NDF : 10027581.6/16

Left Out: 2636.490+/-0.753 χ^2/NDF : 22238580.5/22

Right Out: 779.806+/-0.492 χ^2/NDF : 11406365.3/18

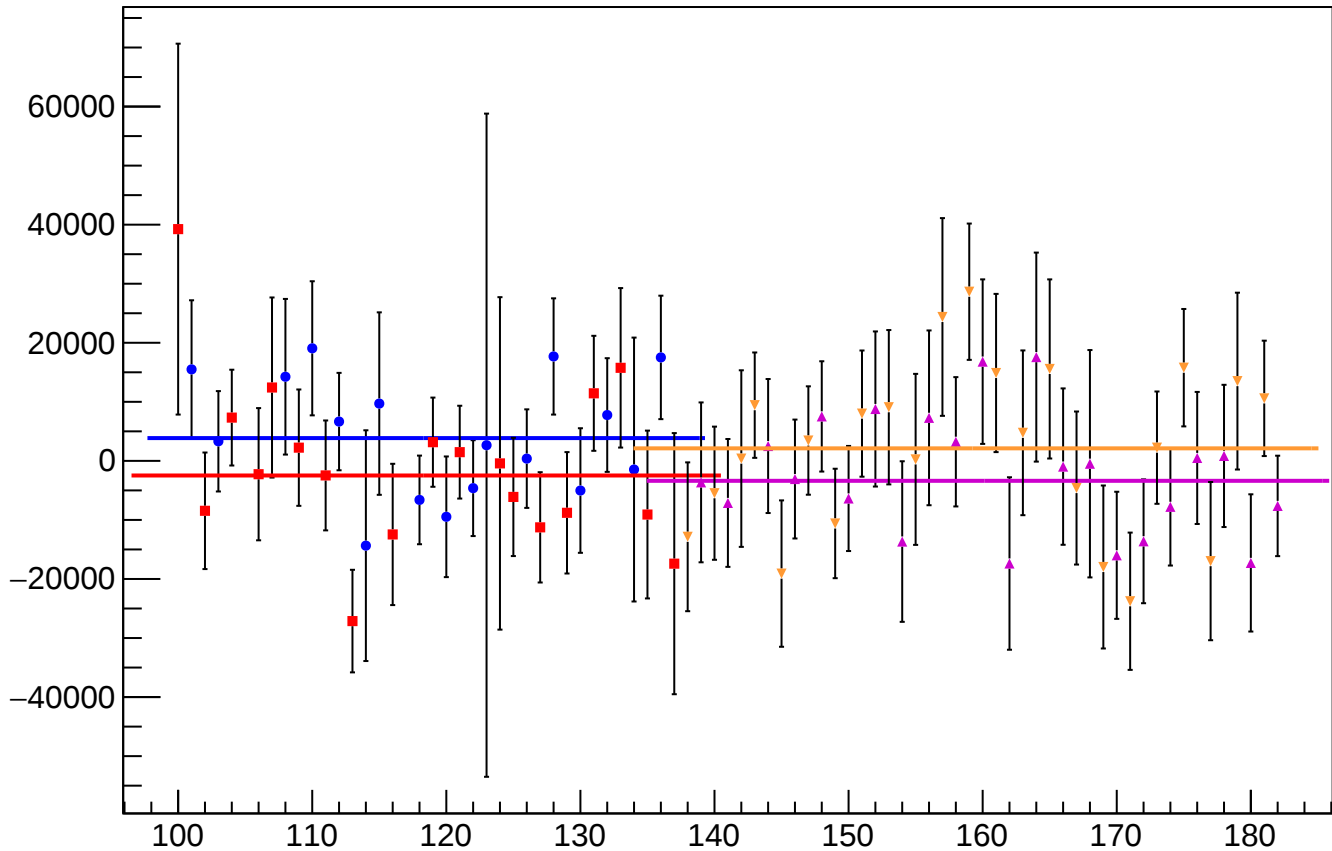
Left In: 9604.200+/-1.674 χ^2/NDF : 1256645.0/21

+ sign 1974.920+/-0.530 χ^2/NDF : 33795019.6/39

All: 1699.311+/-0.352 χ^2/NDF : 72533421.1/8

- sign 1480.864+/-0.472 χ^2/NDF : 38253436.4/40

asym_atl2_mean vs Slug



Right In: 3858.326 $\pm$ 2543.101 χ^2 /NDF: 14.1/16

Left Out: 2121.129 $\pm$ 2446.780 χ^2 /NDF: 29.4/22

Right Out: -2474.681 $\pm$ 2426.960 χ^2 /NDF: 20.3/18

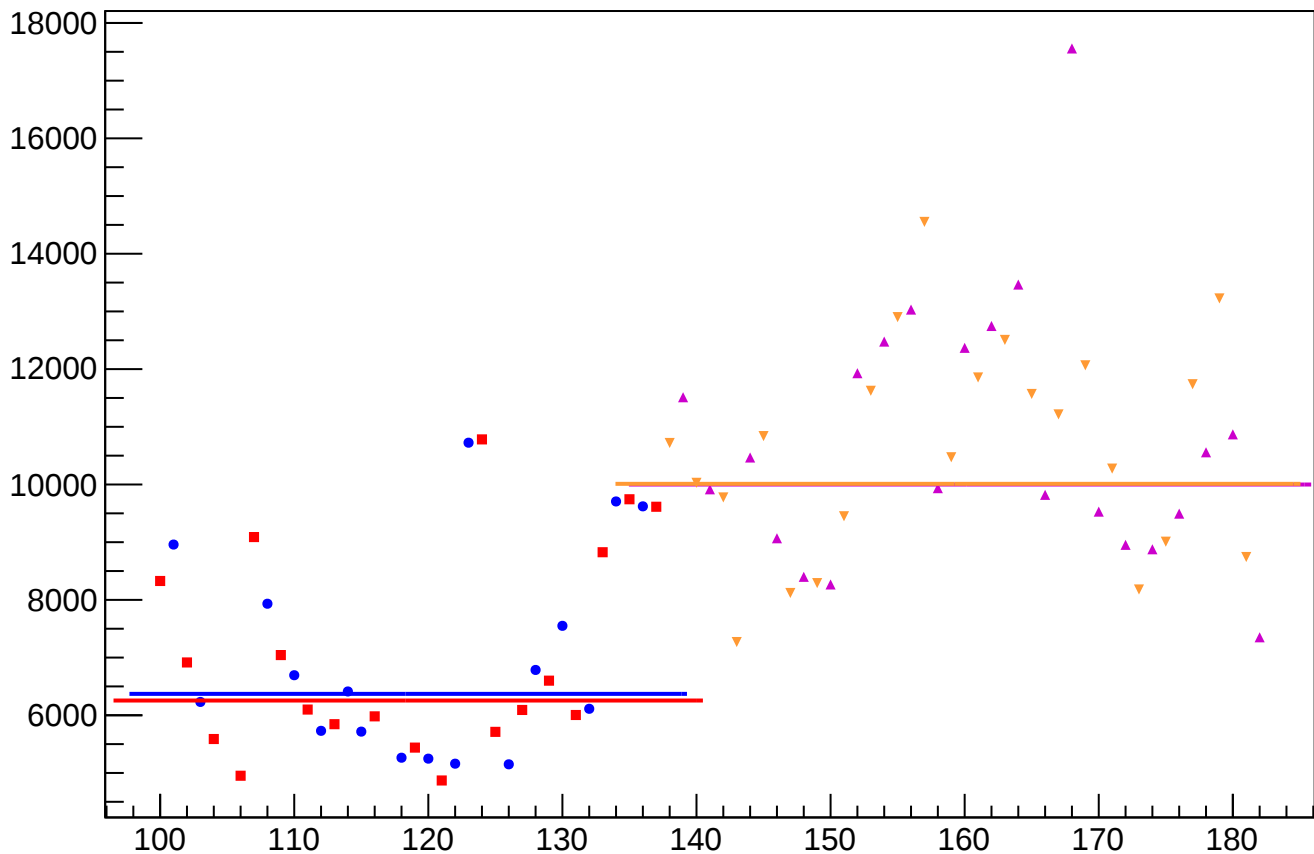
Left In: -3377.737 $\pm$ 2460.086 χ^2 /NDF: 13.1/21

+ sign 2956.206 $\pm$ 1763.203 χ^2 /NDF: 43.7/39

All: -41.677 $\pm$ 1234.034 χ^2 /NDF: 82.8/80

- sign -2920.088 $\pm$ 1727.713 χ^2 /NDF: 33.5/40

asym_atl2_rms vs Slug



Right In: 6370.939+/-1.798 χ^2 /NDF: 578725.9/16

Left Out: 10011.516+/-1.730 χ^2 /NDF:1063734.6/22

Right Out: 6255.569+/-1.716 χ^2 /NDF: 532740.6/18

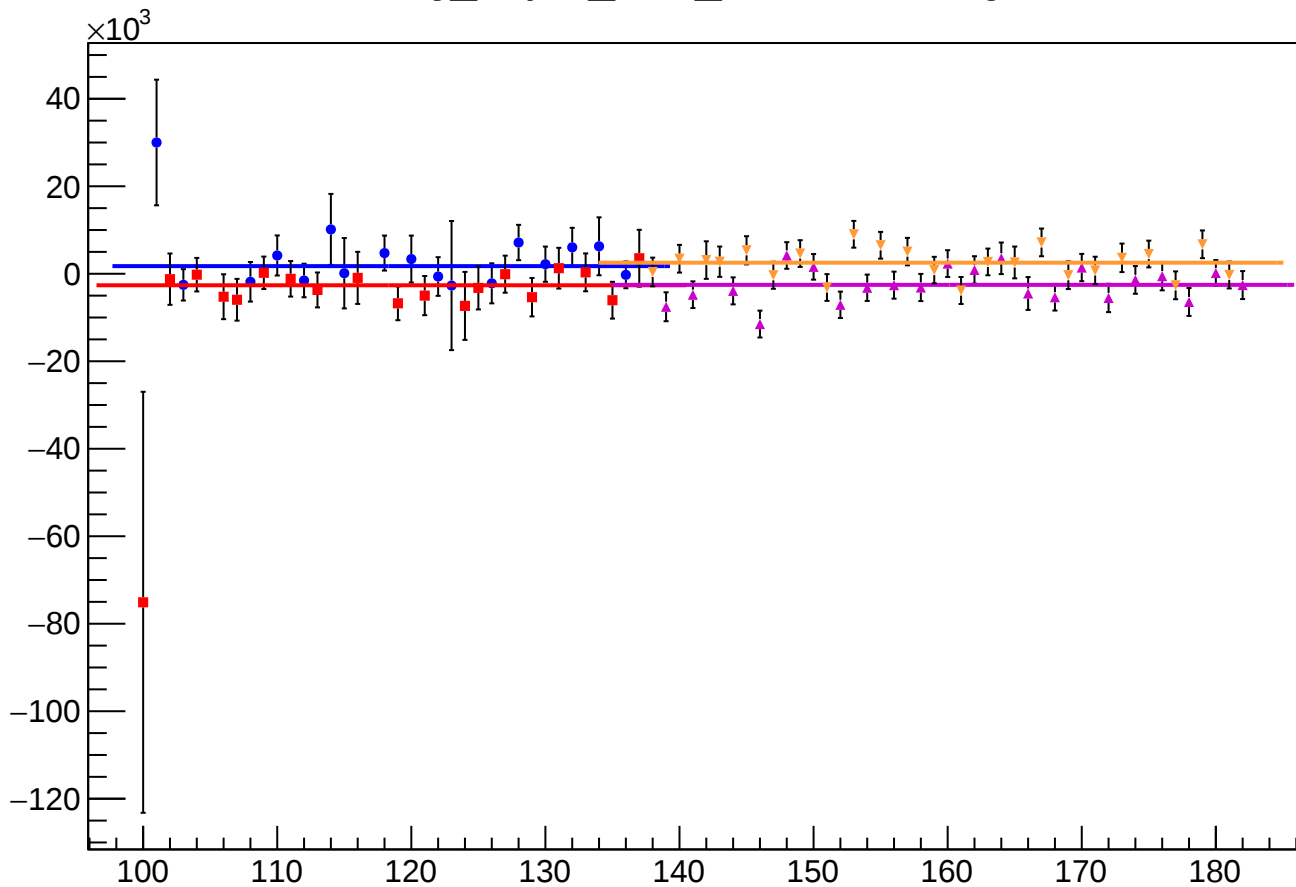
Left In: 9999.467+/-1.740 χ^2 /NDF:1150470.7/21

+ sign 8261.468+/-1.247 χ^2 /NDF: 3770895.7/39

All: 8180.139+/-0.873 χ^2 /NDF: 7809998.0/80

- sign 8102.055+/-1.222 χ^2 /NDF: 4030761.7/40

reg_asym_atr1_mean vs Slug



Right In: 1745.509 $\pm$ 1131.300 χ^2 /NDF: 13.4/16

Left Out: 2534.106 $\pm$ 664.646 χ^2 /NDF:26.5/22

Right Out: -2628.839 $\pm$ 1074.553 χ^2 /NDF: 9.6/18

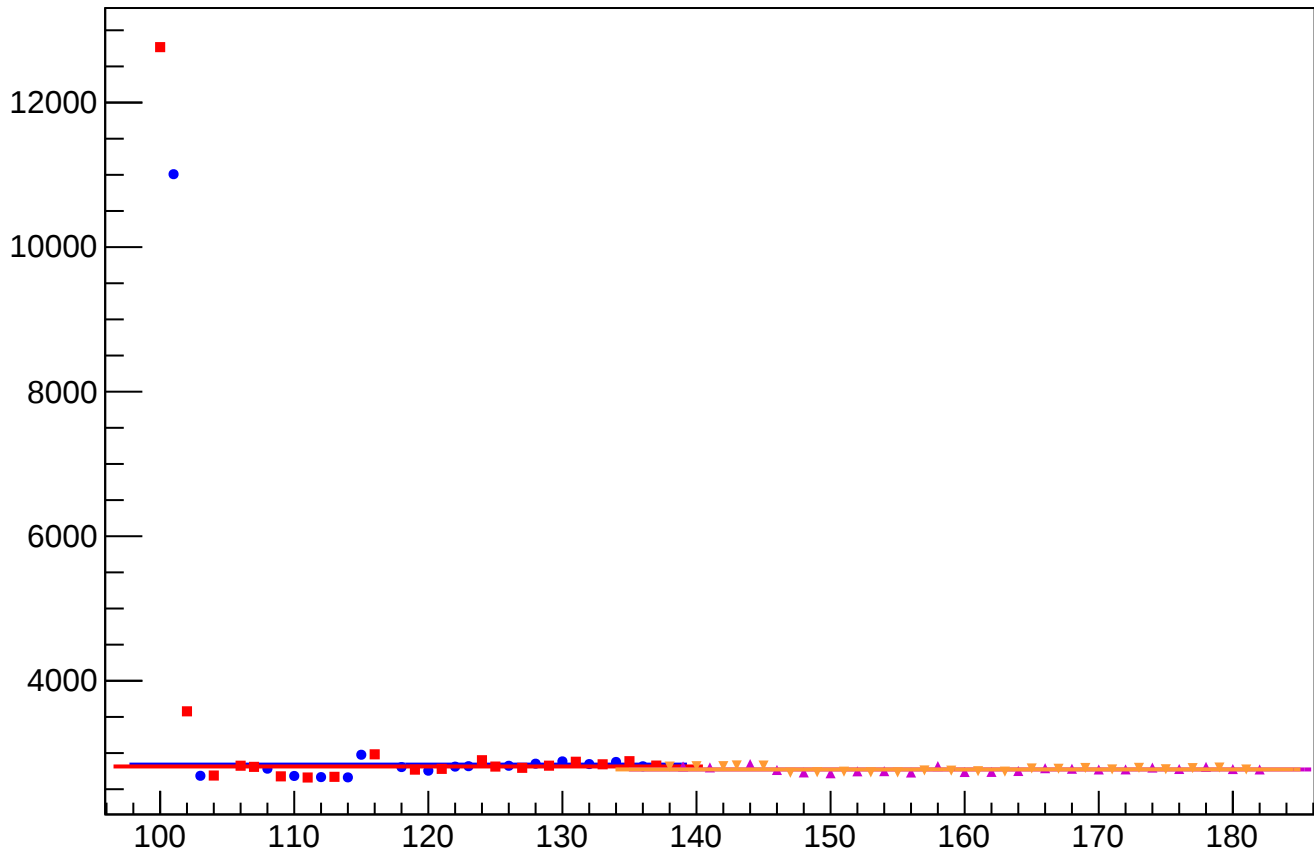
Left In: -2538.319 $\pm$ 669.663 χ^2 /NDF:33.7/21

+ sign 2331.755 $\pm$ 573.064 χ^2 /NDF: 40.3/39

All: -136.238 $\pm$ 403.534 χ^2 /NDF: 120.5/80

- sign -2563.641 $\pm$ 568.332 χ^2 /NDF: 43.4/40

reg_asym_atr1_rms vs Slug



Right In: 2840.326 $\pm$ 0.800 χ^2 /NDF: 660130.0/16

Left Out: 2773.774 $\pm$ 0.470 χ^2 /NDF: 4555.1/22

Right Out: 2814.625 $\pm$ 0.760 χ^2 /NDF: 133037.9/18

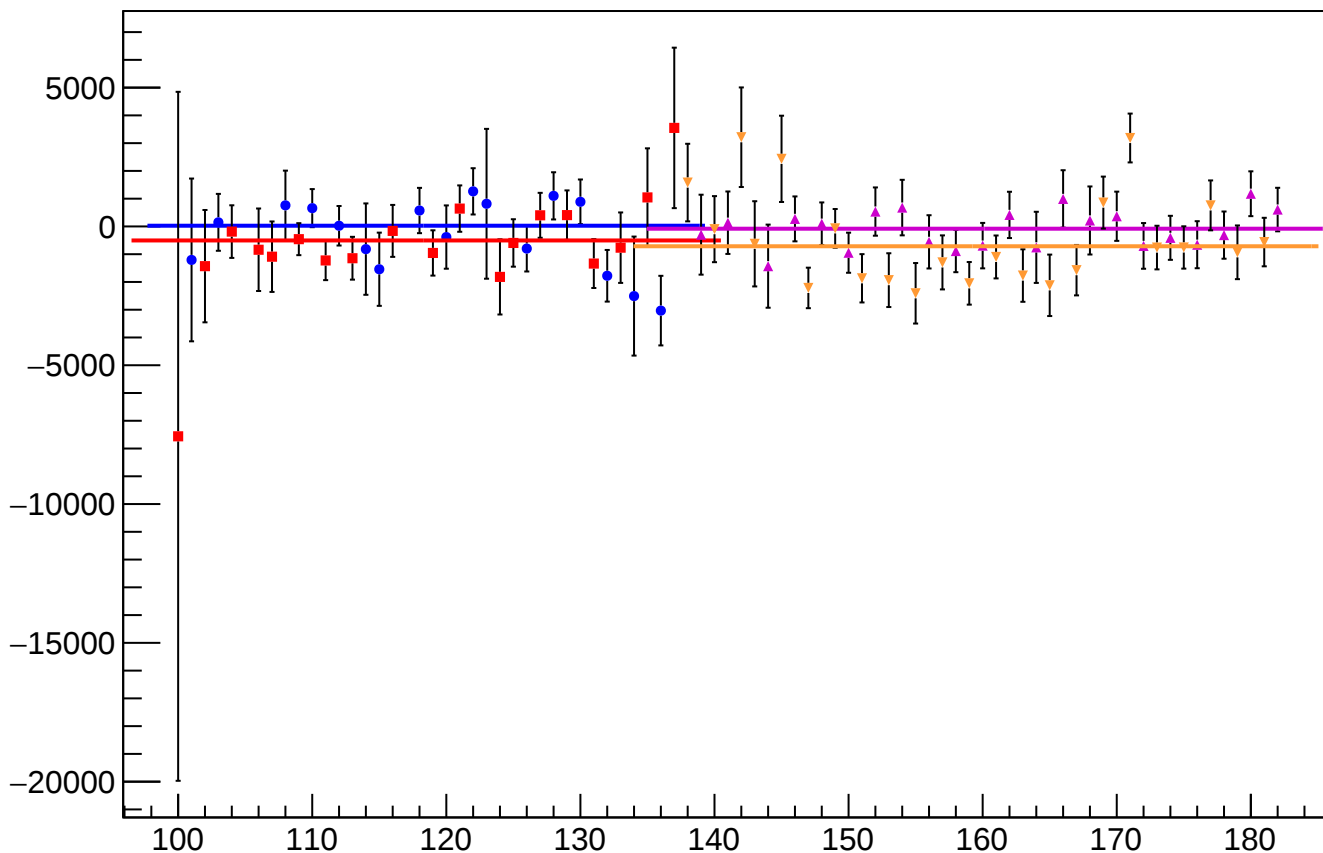
Left In: 2773.227 $\pm$ 0.474 χ^2 /NDF: 4792.6/21

+ sign 2790.851 $\pm$ 0.405 χ^2 /NDF: 669830.4/39

All: 2787.804 $\pm$ 0.285 χ^2 /NDF: 809911.3/80

- sign 2784.807 $\pm$ 0.402 χ^2 /NDF: 139968.7/40

asym_atr1_correction_mean vs Slug



Right In: 25.744 ± 242.455 $\chi^2/\text{NDF}: 20.8/16$

Left Out: -714.131 ± 194.248 $\chi^2/\text{NDF}: 55.4/22$

Right Out: -504.940 ± 222.180 $\chi^2/\text{NDF}: 11.9/18$

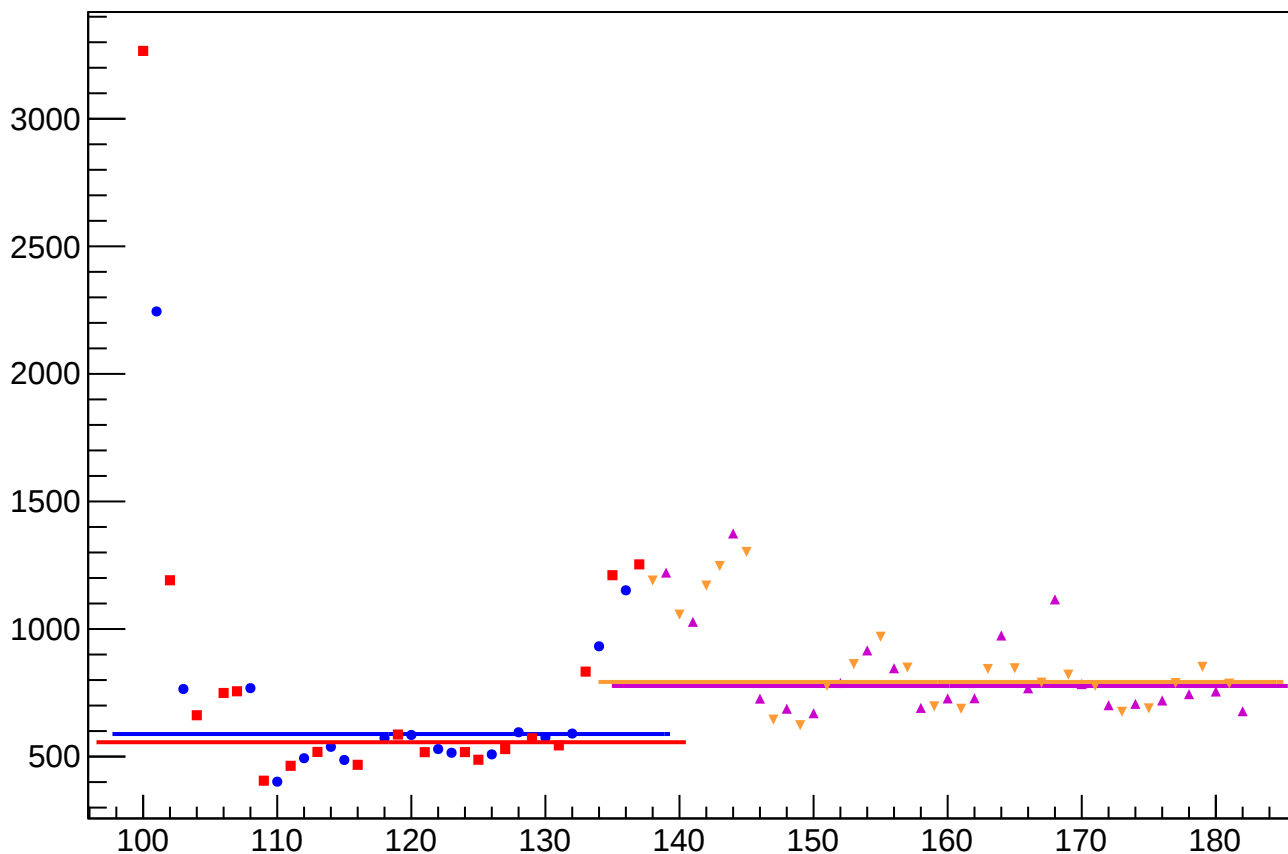
Left In: -81.972 ± 190.973 $\chi^2/\text{NDF}: 12.1/21$

+ sign -424.884 ± 151.596 $\chi^2/\text{NDF}: 81.8/39$

All: -339.561 ± 104.719 $\chi^2/\text{NDF}: 108.5/80$

- sign -261.690 ± 144.826 $\chi^2/\text{NDF}: 26.0/40$

asym_atr1_correction_rms vs Slug



Right In: 588.381+/-0.171 χ^2/NDF : 1423934.9/16

Left Out: 792.562+/-0.137 χ^2/NDF : 1180180.9/22

Right Out: 556.282+/-0.157 χ^2/NDF : 1104898.6/18

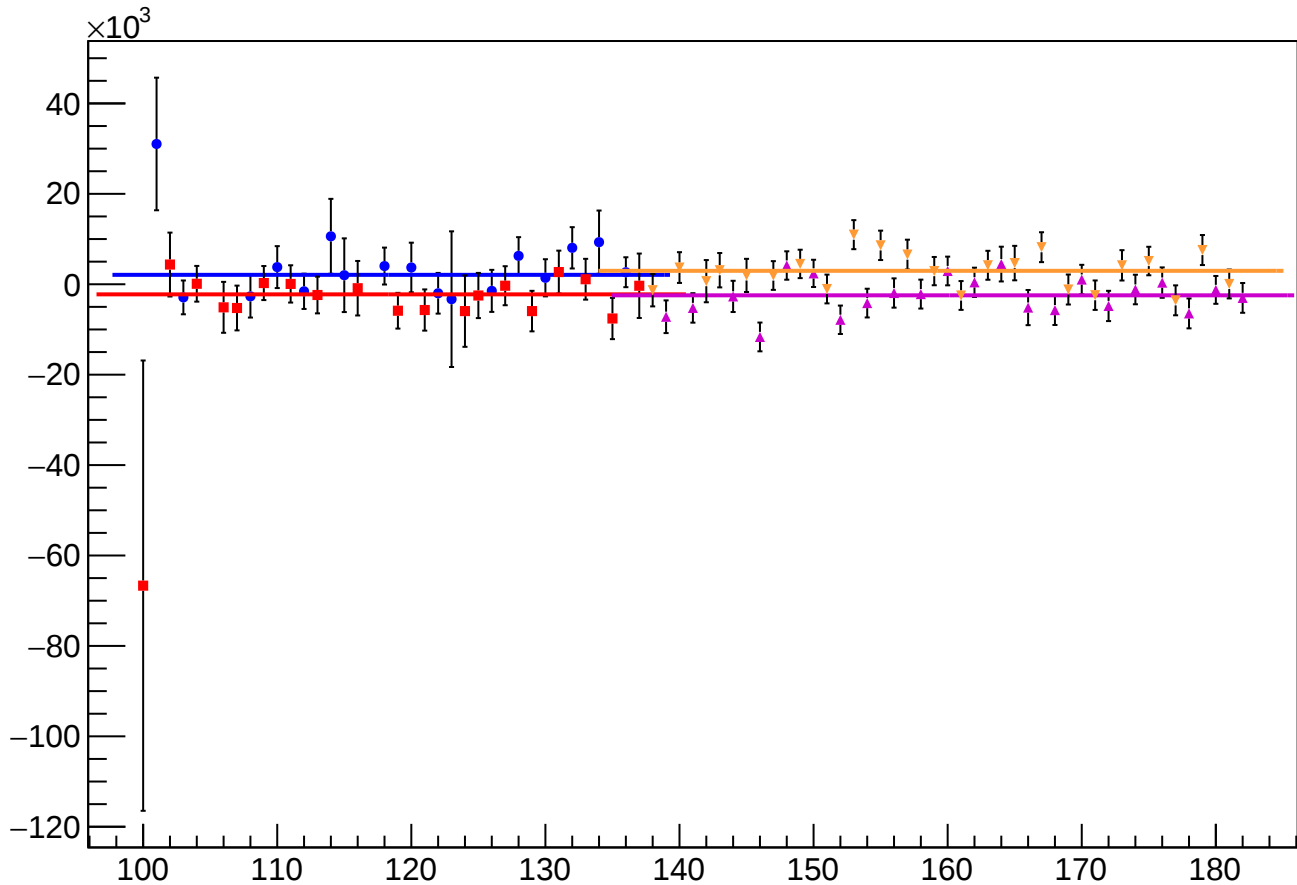
Left In: 776.614+/-0.135 χ^2/NDF : 1055387.3/21

+ sign 712.739+/-0.107 χ^2/NDF : 3468005.7/39

All: 697.189+/-0.074 χ^2/NDF : 6799698.7/80

- sign 682.996+/-0.102 χ^2/NDF : 3291440.5/40

asym_atr1_mean vs Slug



Right In: 2083.008 $\pm$ 1167.281 χ^2/NDF : 14.5/16

Left Out: 2972.077 $\pm$ 698.503 χ^2/NDF : 31.4/22

Right Out: -2234.490 $\pm$ 1113.044 χ^2/NDF : 9.9/18

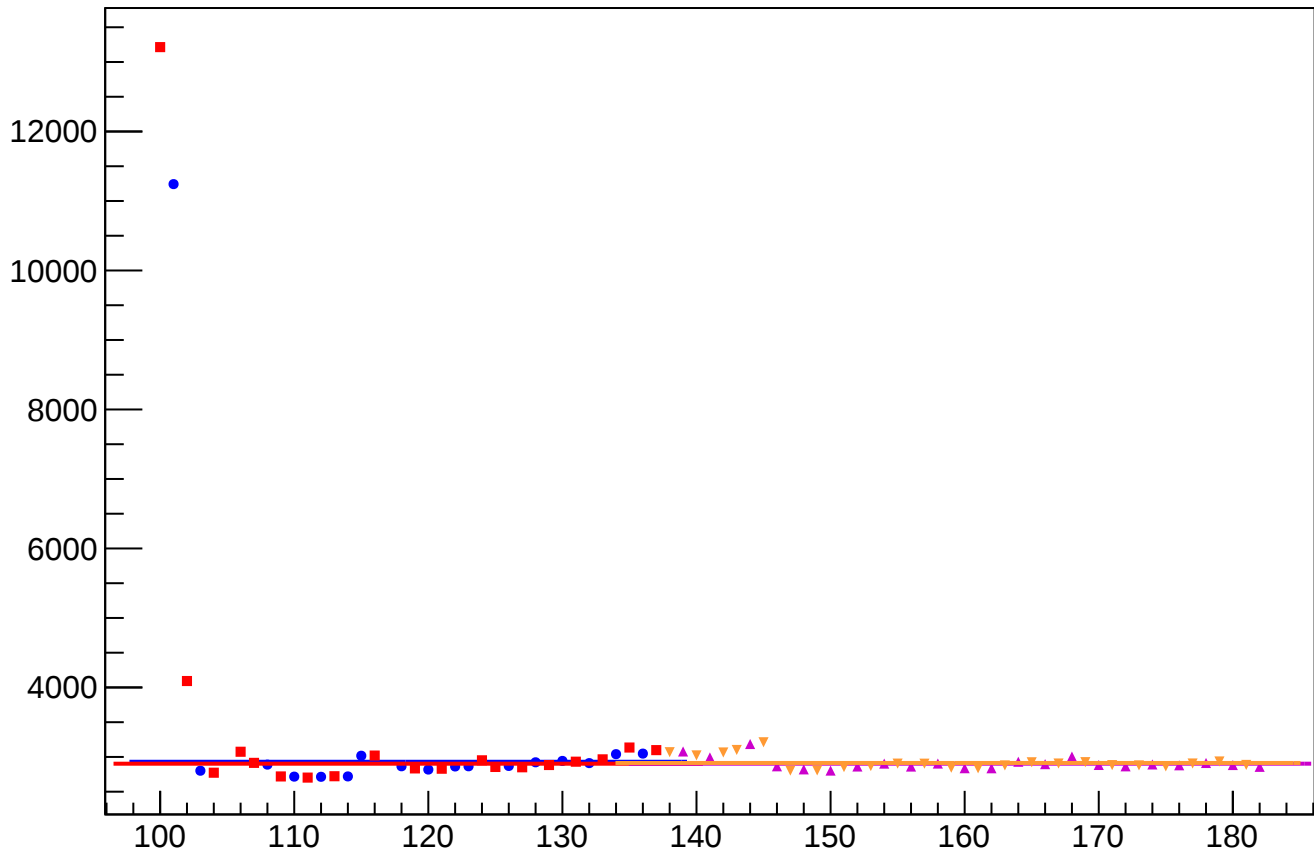
Left In: -2447.765 $\pm$ 701.245 χ^2/NDF : 33.6/21

+ sign 2737.657 $\pm$ 599.383 χ^2/NDF : 46.3/39

All: 149.155 $\pm$ 421.665 χ^2/NDF : 126.8/80

- sign -2387.164 $\pm$ 593.311 χ^2/NDF : 43.6/40

asym_atr1_rms vs Slug



Right In: 2930.563 $\pm$ 0.825 χ^2 /NDF: 662106.1/16

Left Out: 2913.504 $\pm$ 0.494 χ^2 /NDF: 35301.6/22

Right Out: 2902.768 $\pm$ 0.787 χ^2 /NDF: 169439.3/18

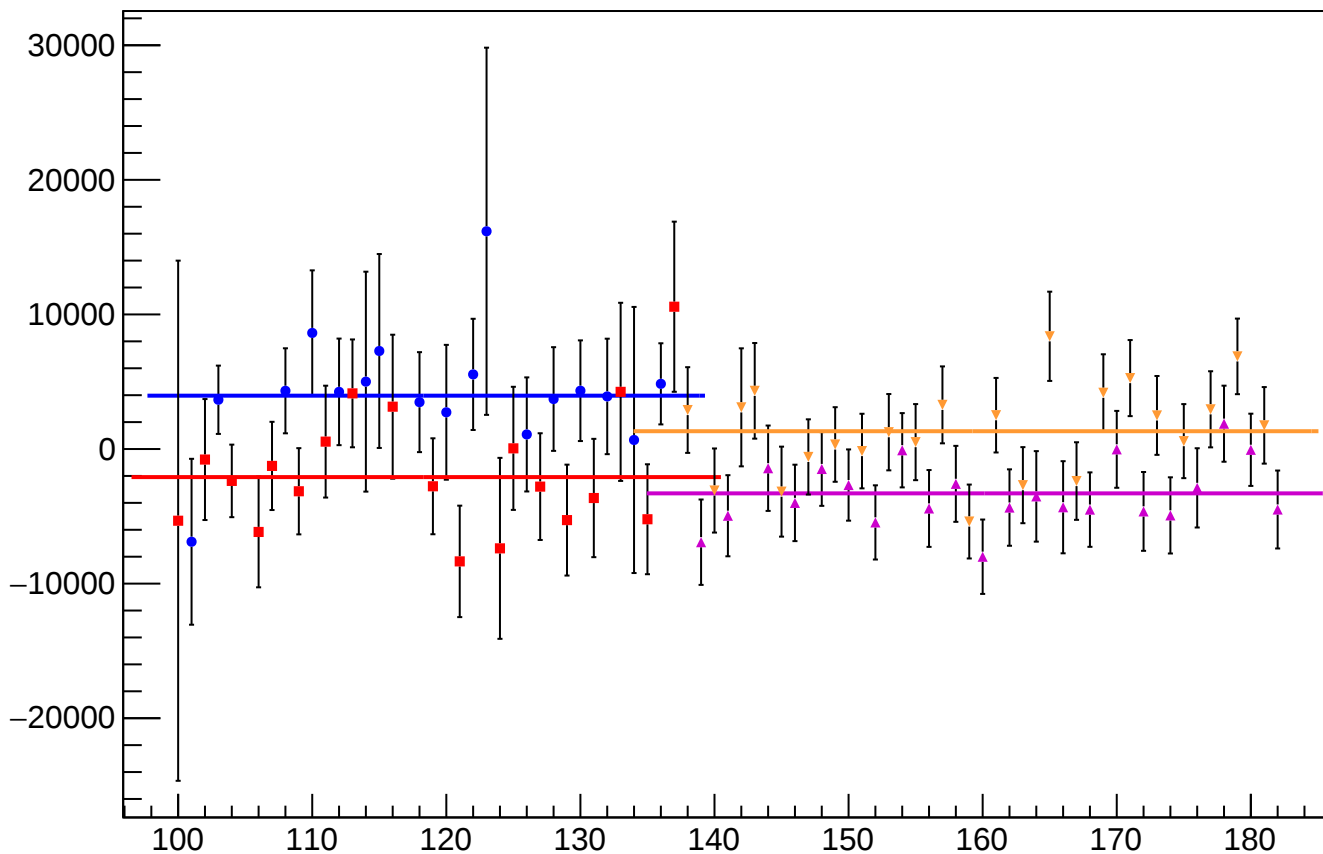
Left In: 2903.003 $\pm$ 0.496 χ^2 /NDF: 28794.8/21

+ sign 2918.002 $\pm$ 0.424 χ^2 /NDF: 697722.3/39

All: 2910.392 $\pm$ 0.298 χ^2 /NDF: 896594.7/80

- sign 2902.936 $\pm$ 0.420 χ^2 /NDF: 198234.2/40

reg_asym_atr2_mean vs Slug



Right In: 3964.122+/-1014.452 χ^2/NDF : 6.1/16

Left Out: 1323.540+/-613.872 χ^2/NDF : 28.1/22

Right Out: -2085.504+/-960.571 χ^2/NDF : 14.5/18

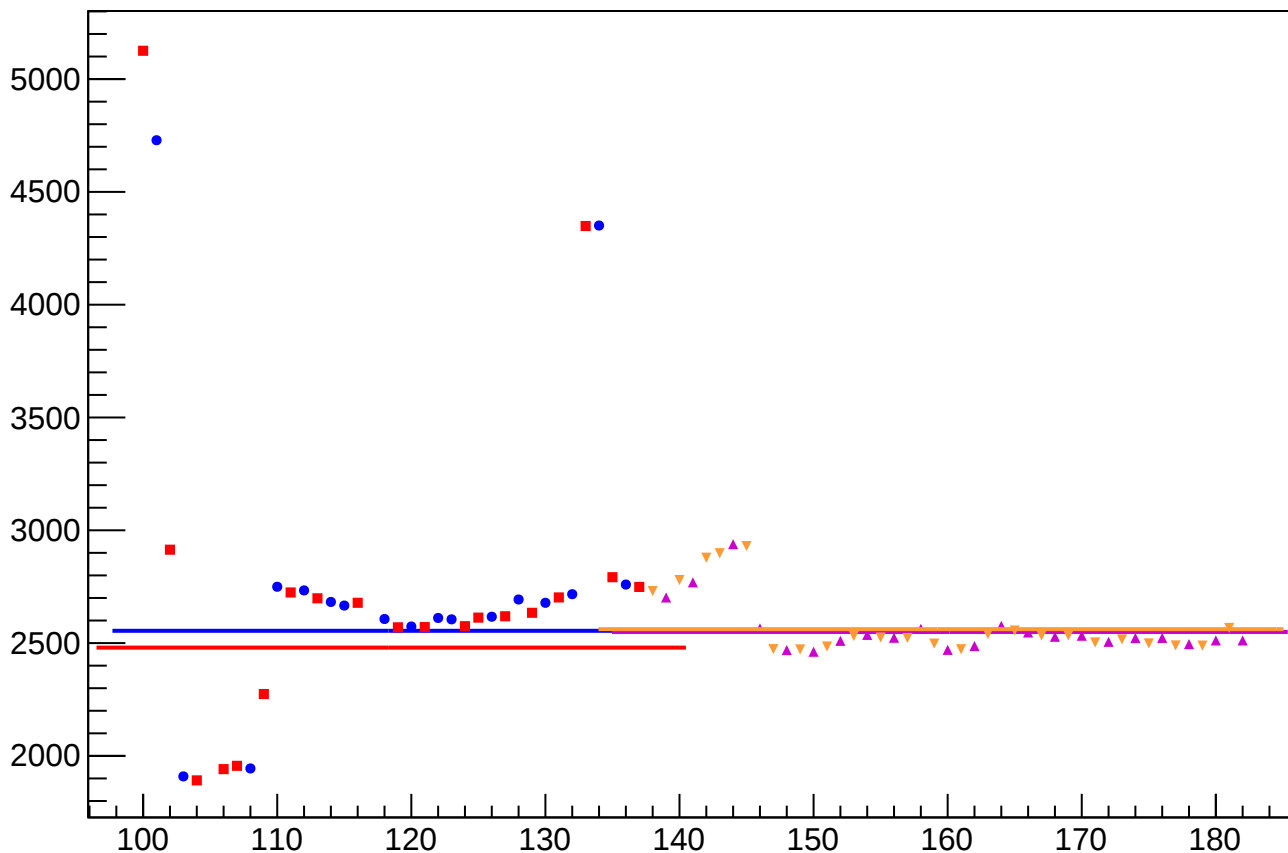
Left In: -3294.209+/-615.160 χ^2/NDF : 14.9/21

+ sign 2031.298+/-525.199 χ^2/NDF : 39.2/39

All: -489.841+/-368.813 χ^2/NDF : 115.1/80

- sign -2942.665+/-518.035 χ^2/NDF : 30.5/40

reg_asym_atr2_rms vs Slug



Right In: 2554.506 $\pm$ 0.717 χ^2 /NDF: 545770.3/16

Left Out: 2561.756 $\pm$ 0.434 χ^2 /NDF: 83290.8/22

Right Out: 2479.954 $\pm$ 0.679 χ^2 /NDF: 450311.6/18

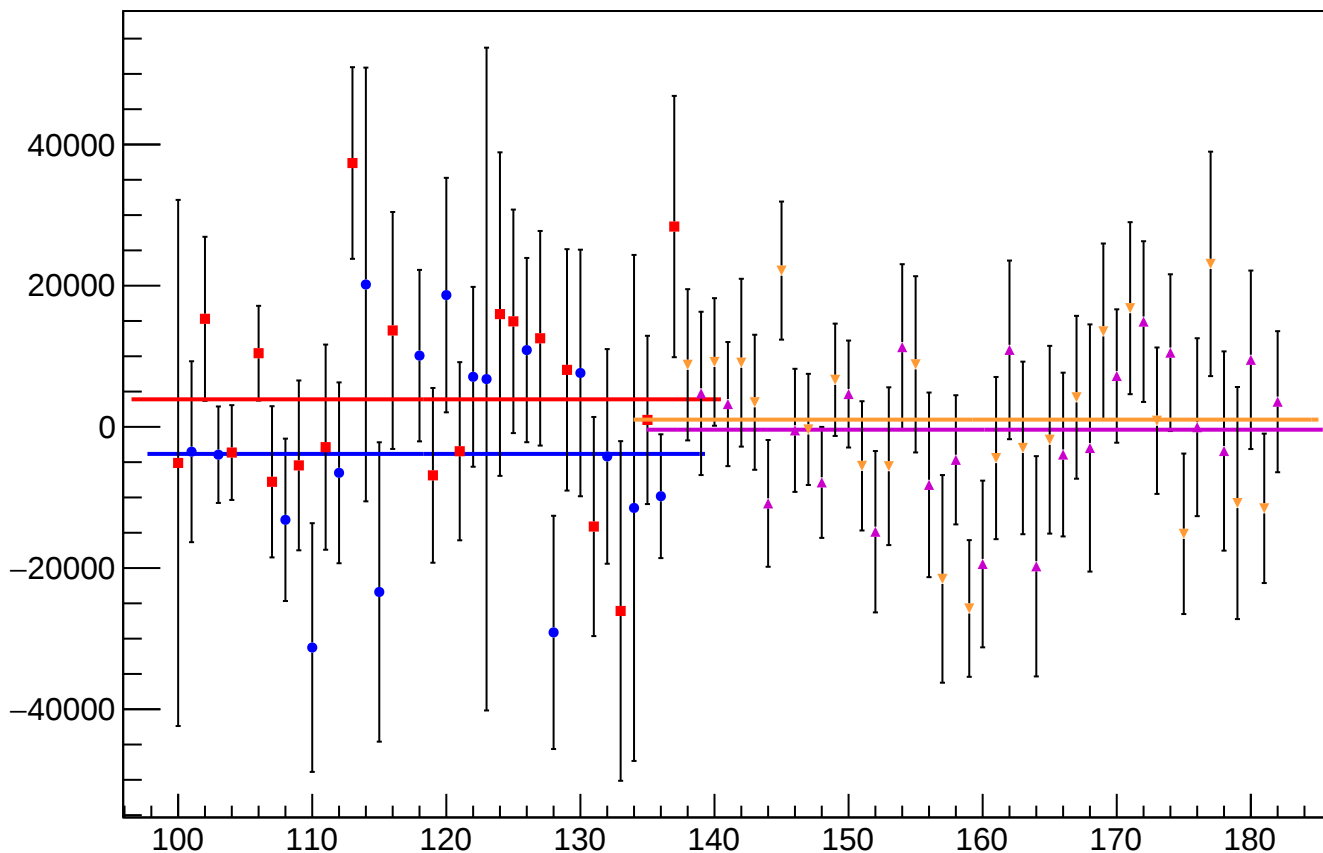
Left In: 2549.324 $\pm$ 0.435 χ^2 /NDF: 55200.9/21

+ sign 2559.813 $\pm$ 0.371 χ^2 /NDF: 629135.9/39

All: 2544.270 $\pm$ 0.261 χ^2 /NDF: 1145501.3/80

- sign 2529.148 $\pm$ 0.366 χ^2 /NDF: 512909.6/40

asym_atr2_correction_mean vs Slug



Right In: -3830.114 ± 3234.150 $\chi^2/\text{NDF}: 13.1/16$

Left Out: 1027.148 ± 2251.556 $\chi^2/\text{NDF}: 27.3/22$

Right Out: 3902.239 ± 2838.290 $\chi^2/\text{NDF}: 18.6/18$

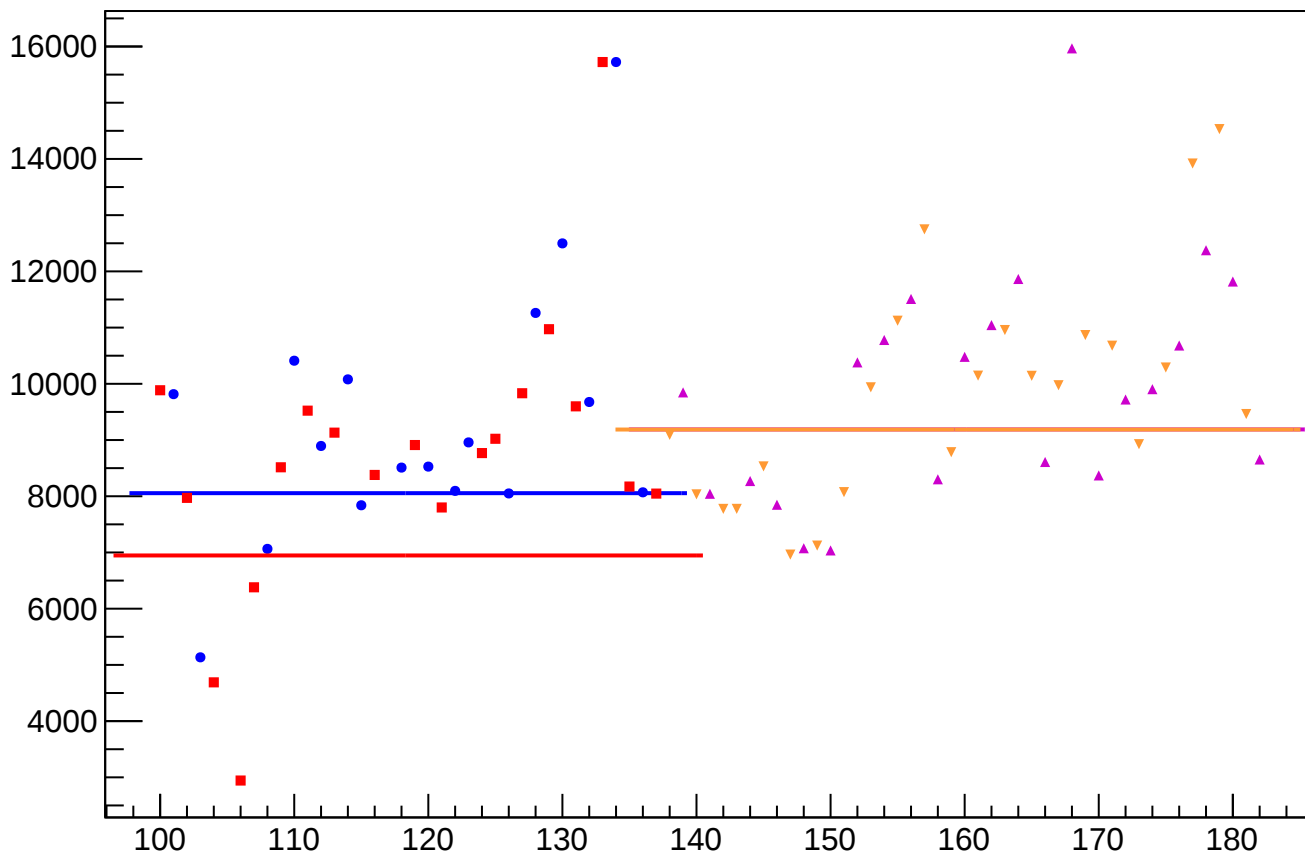
Left In: -400.801 ± 2263.871 $\chi^2/\text{NDF}: 15.5/21$

+ sign -558.502 ± 1847.855 $\chi^2/\text{NDF}: 41.9/39$

All: 396.377 ± 1278.157 $\chi^2/\text{NDF}: 78.0/80$

- sign 1272.331 ± 1769.841 $\chi^2/\text{NDF}: 35.5/40$

asym_atr2_correction_rms vs Slug



Right In: 8054.857+/-2.287 χ^2/NDF : 795337.9/16

Left Out: 9186.749+/-1.592 χ^2/NDF : 1167159.5/22

Right Out: 6946.742+/-2.007 χ^2/NDF : 1776702.0/18

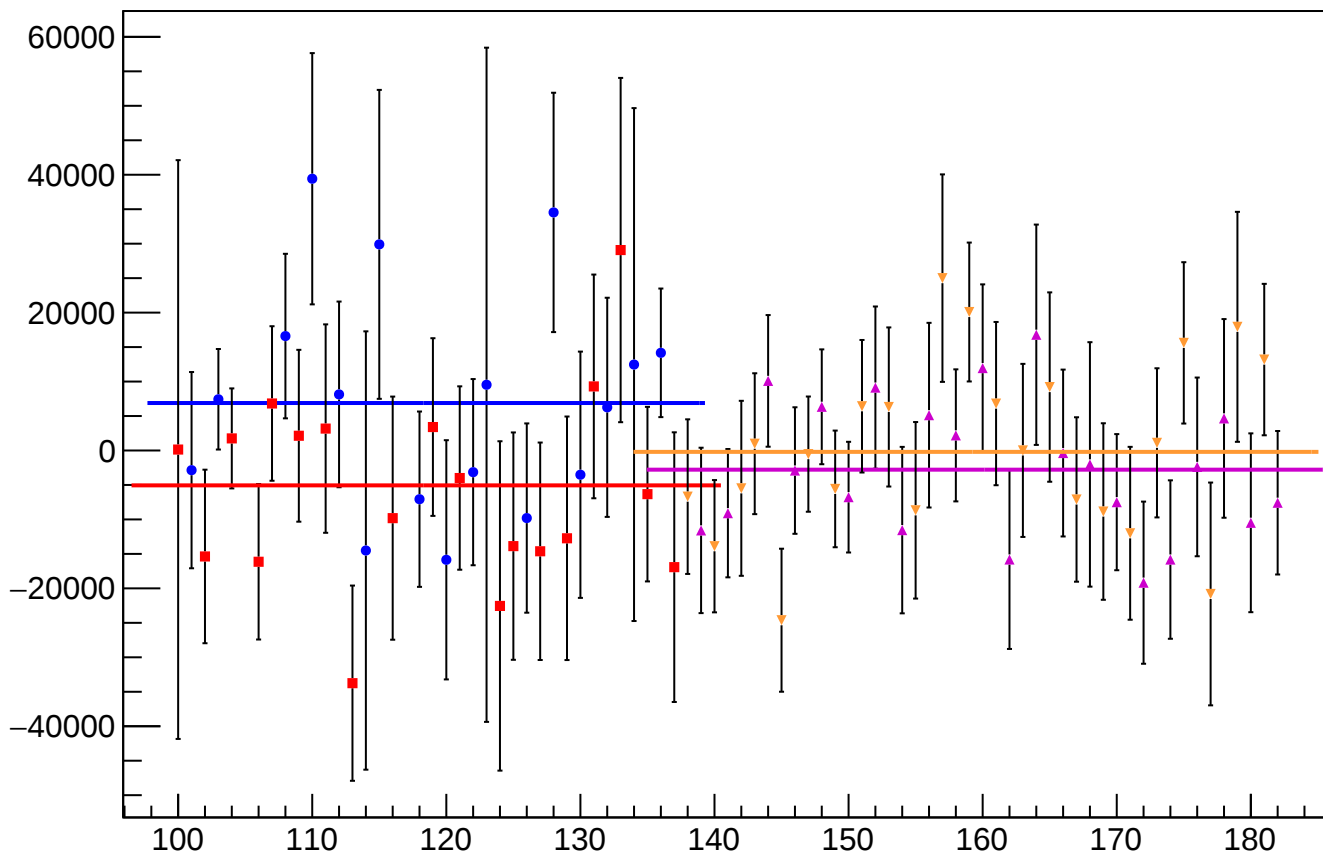
Left In: 9188.371+/-1.601 χ^2/NDF : 1235401.1/21

+ sign 8817.244+/-1.307 χ^2/NDF : 2127499.7/39

All: 8556.218+/-0.904 χ^2/NDF : 5978566.4/80

- sign 8316.768+/-1.251 χ^2/NDF : 3774549.3/40

asym_atr2_mean vs Slug



Right In: 6886.765+/-3417.693 χ^2/NDF : 14.3/16

Left Out: -199.583+/-2352.358 χ^2/NDF : 25.2/22

Right Out: -5059.238+/-3173.297 χ^2/NDF : 13.3/18

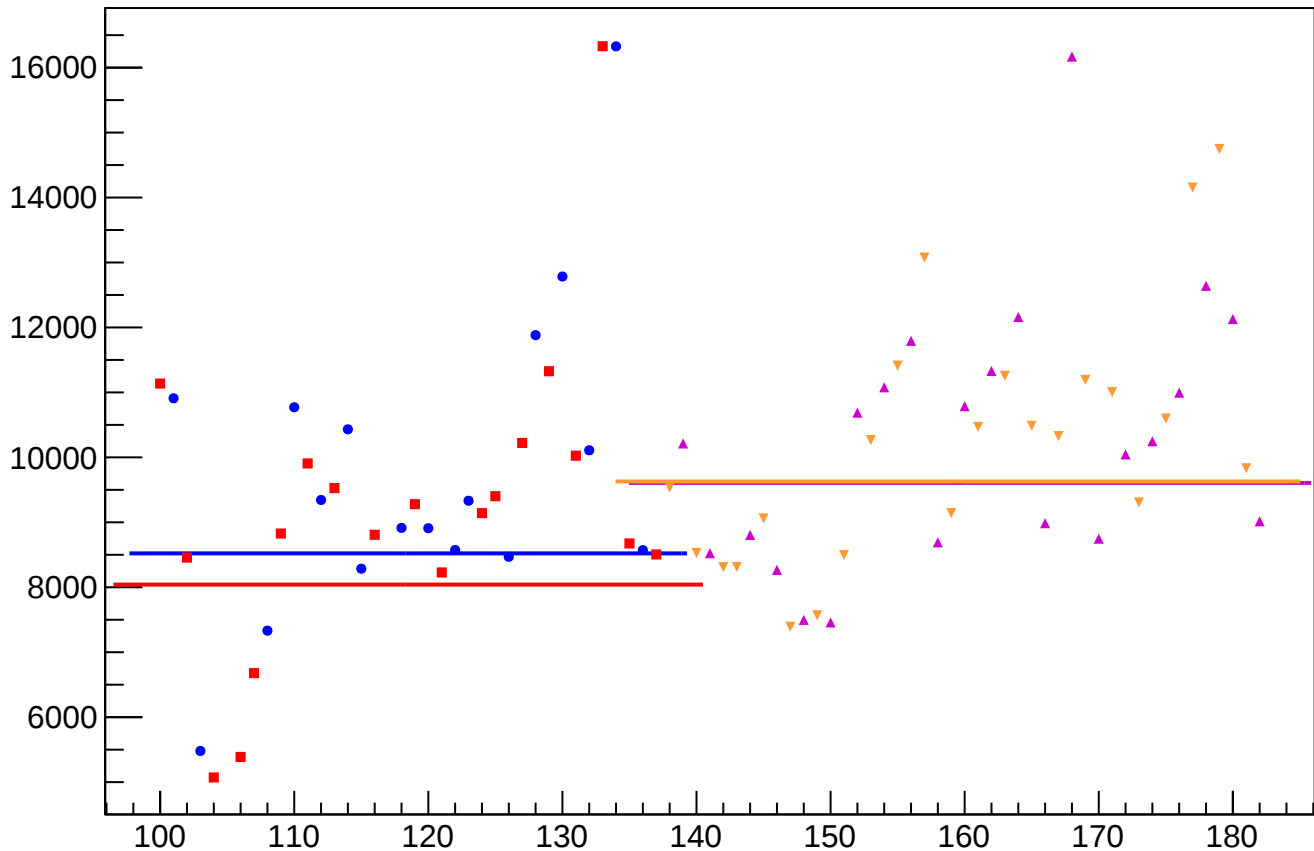
Left In: -2781.954+/-2360.480 χ^2/NDF : 14.7/21

+ sign 2078.356+/-1937.728 χ^2/NDF : 42.4/39

All: -822.189+/-1354.439 χ^2/NDF : 75.2/80

- sign -3593.166+/-1893.954 χ^2/NDF : 28.4/40

asym_atr2_rms vs Slug



Right In: 8521.835+/-2.417 χ^2/NDF : 769872.2/16

Left Out: 9629.138+/-1.663 χ^2/NDF : 1004900.3/22

Right Out: 8041.570+/-2.244 χ^2/NDF : 953300.0/18

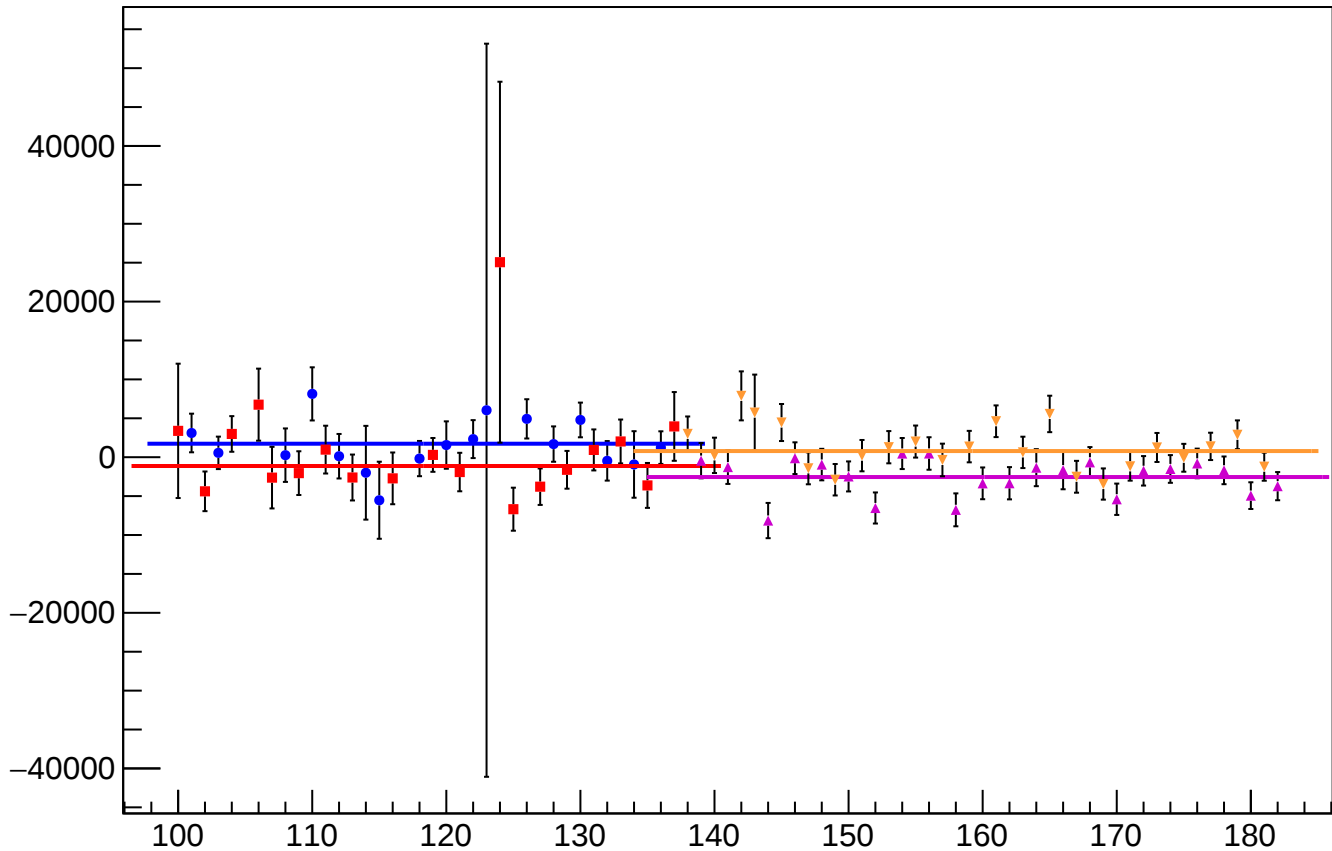
Left In: 9606.764+/-1.669 χ^2/NDF : 1080861.3/21

+ sign 9273.190+/-1.370 χ^2/NDF : 1917226.8/39

All: 9158.628+/-0.958 χ^2/NDF : 4278316.0/80

- sign 9049.186+/-1.339 χ^2/NDF : 2347420.0/40

reg_asym_atl_avg_mean vs Slug



Right In: 1733.256 ± 672.118 χ^2/NDF : 12.6/16

Left Out: 788.865 ± 432.033 χ^2/NDF : 33.7/22

Right Out: -1131.745 ± 673.096 χ^2/NDF : 20.3/18

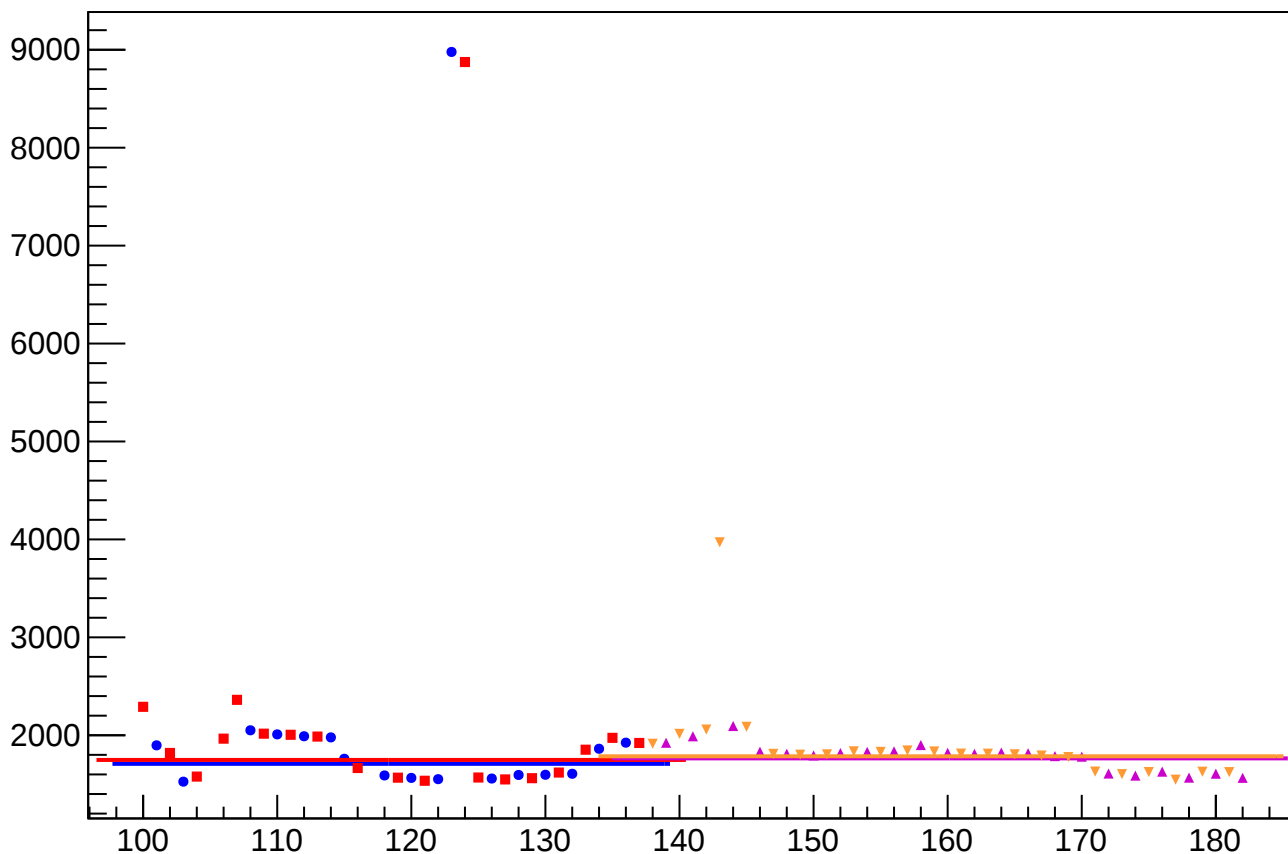
Left In: -2548.800 ± 427.936 χ^2/NDF : 29.3/21

+ sign 1064.984 ± 363.427 χ^2/NDF : 47.7/39

All: -548.119 ± 256.166 χ^2/NDF : 139.6/80

- sign -2140.894 ± 361.130 χ^2/NDF : 52.8/40

reg_asym_atl_avg_rms vs Slug



Right In: 1708.196+/-0.475 χ^2/NDF : 195783.3/16

Left Out: 1785.260+/-0.305 χ^2/NDF : 597375.9/22

Right Out: 1748.067+/-0.474 χ^2/NDF : 396355.2/18

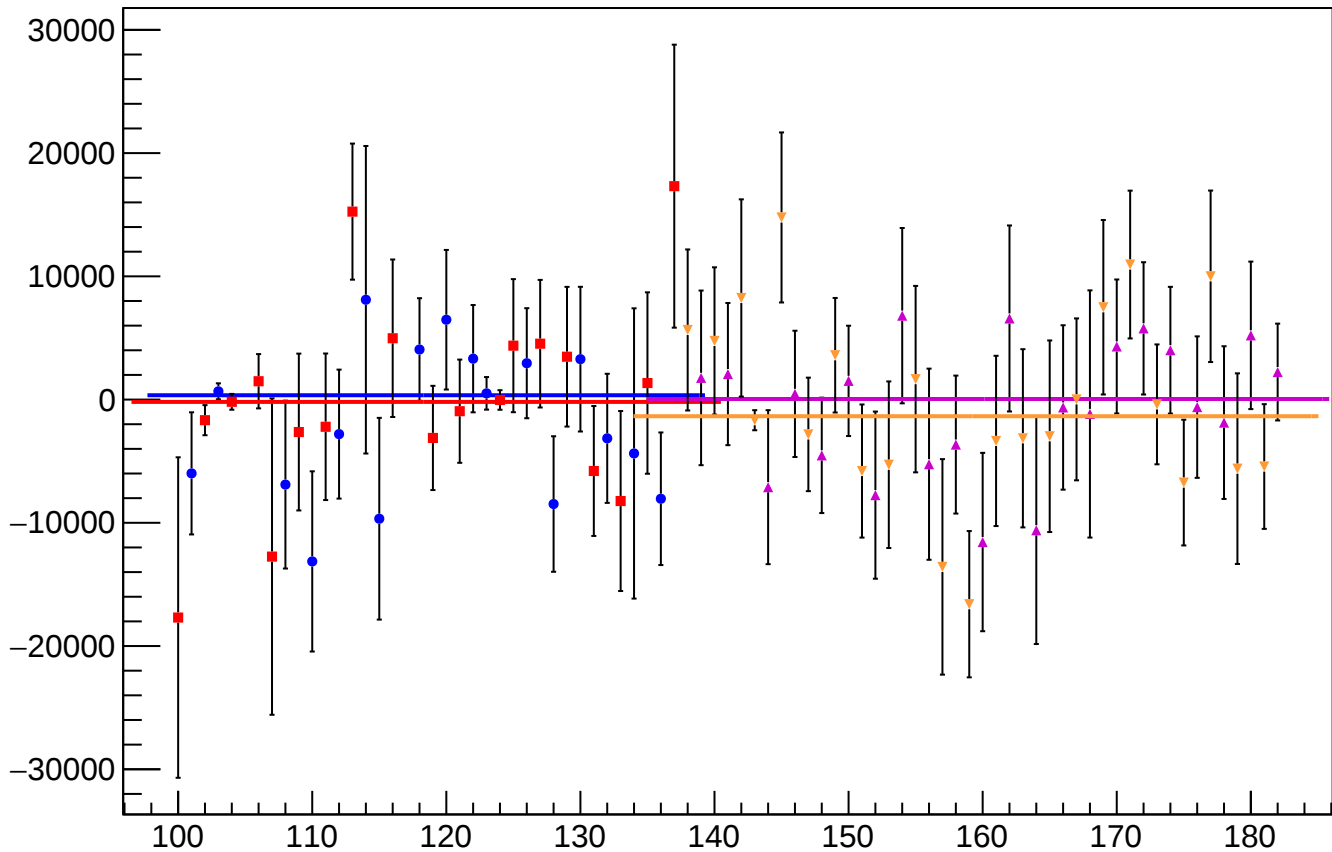
Left In: 1763.846+/-0.303 χ^2/NDF : 205404.6/21

+ sign 1762.728+/-0.257 χ^2/NDF : 811764.7/39

All: 1760.988+/-0.181 χ^2/NDF : 1414403.3/80

- sign 1759.275+/-0.255 χ^2/NDF : 602547.5/40

asym_atl_avg_correction_mean vs Slug



Right In: 350.603 ± 540.664 χ^2/NDF : 17.3/16

Left Out: -1350.652 ± 692.054 χ^2/NDF : 31.0/22

Right Out: -188.213 ± 433.673 χ^2/NDF : 20.8/18

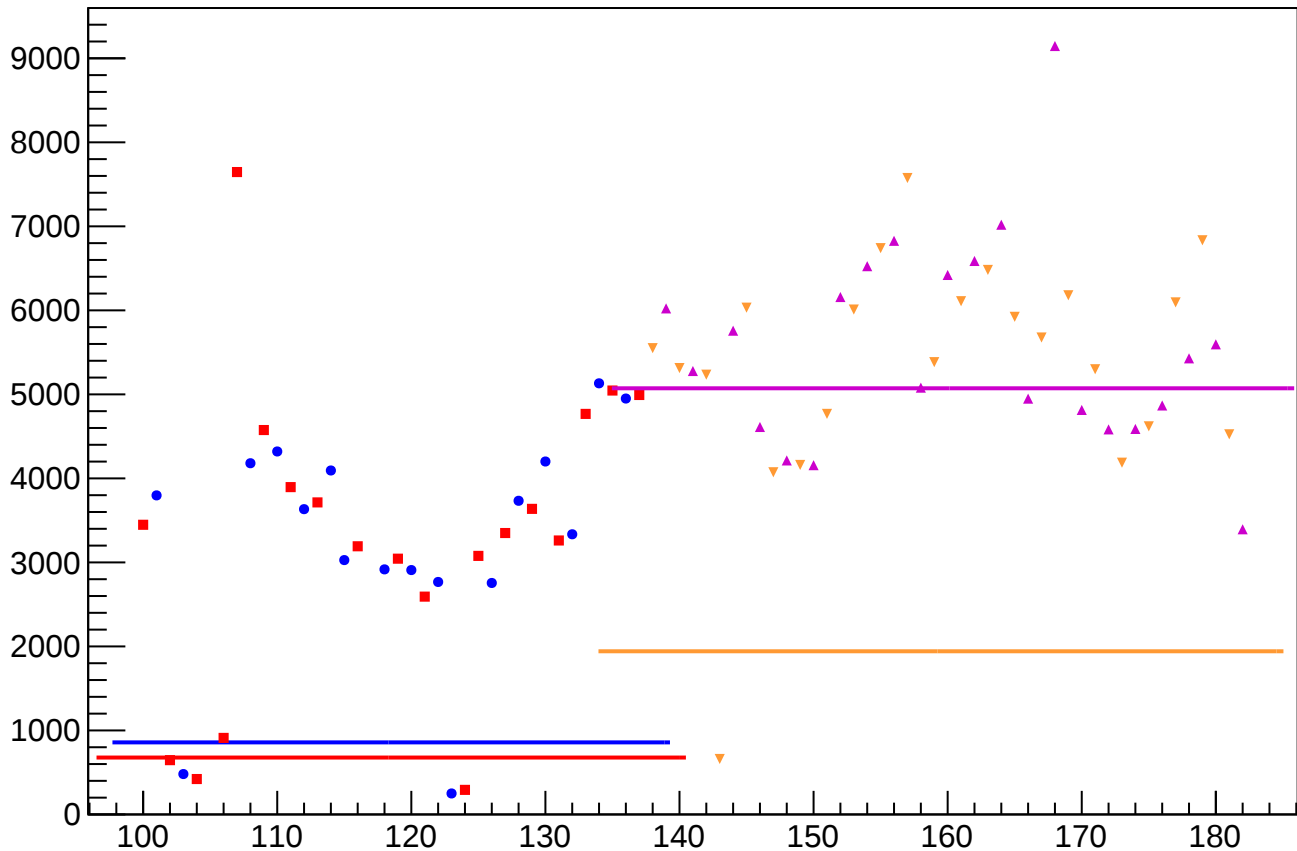
Left In: 46.836 ± 1254.338 χ^2/NDF : 13.9/21

+ sign -294.198 ± 426.058 χ^2/NDF : 52.1/39

All: -226.119 ± 295.378 χ^2/NDF : 86.8/80

- sign -163.117 ± 409.867 χ^2/NDF : 34.7/40

asym_atl_avg_correction_rms vs Slug



Right In: 857.789+/-0.382 χ^2/NDF : 8126360.1/16

Left Out: 1942.178+/-0.489 χ^2/NDF : 18741679.2/22

+ sign 1268.788+/-0.301 χ^2/NDF : 29917347.7/39

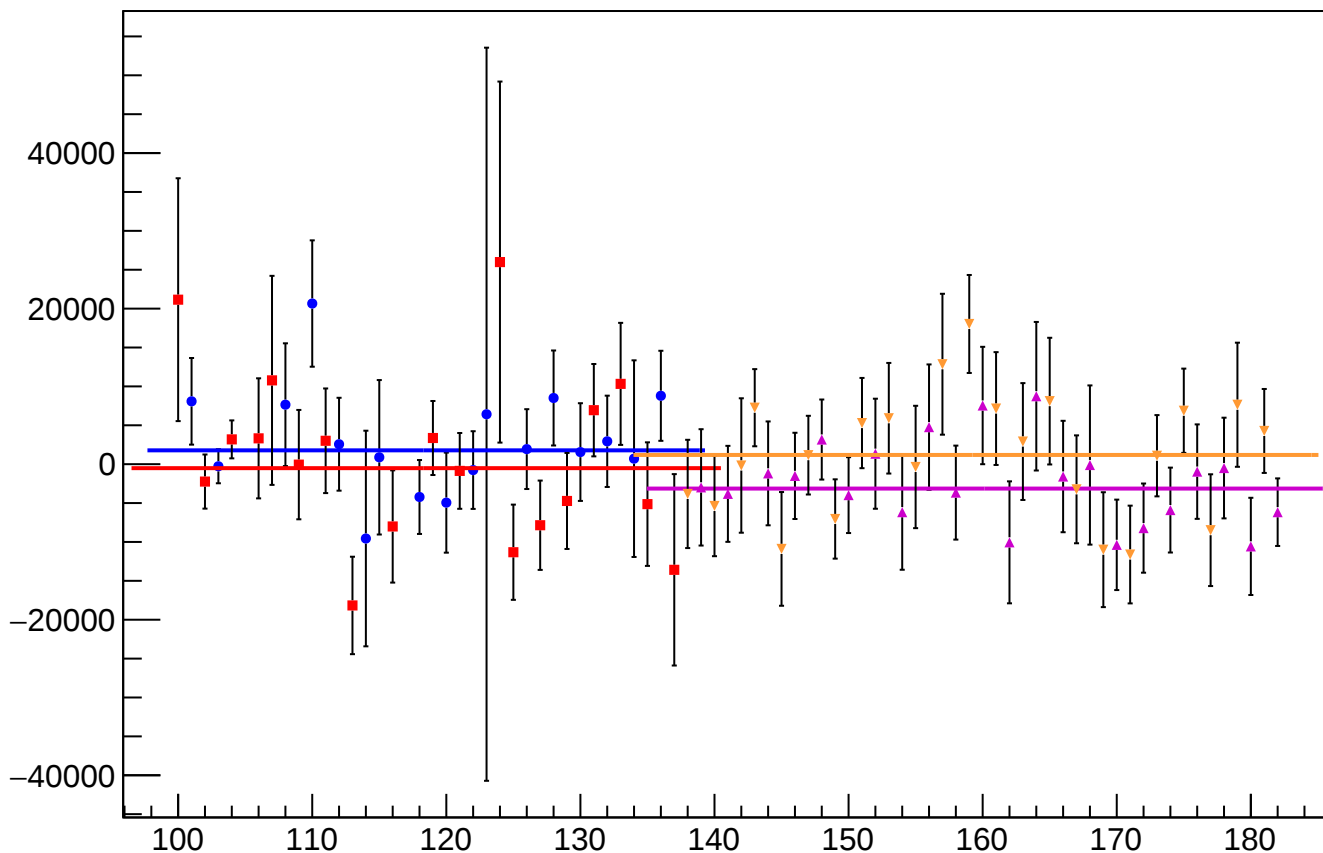
Right Out: 677.369+/-0.307 χ^2/NDF : 8357347.2/18

All: 1205.347+/-0.209 χ^2/NDF : 61757372.5/80

- sign 1146.635+/-0.290 χ^2/NDF : 31754641.1/40

Left In: 5072.392+/-0.887 χ^2/NDF : 1464914.1/21

asym_atl_avg_mean vs Slug



Right In: 1778.180+/-1313.267 χ^2/NDF : 14.5/16

Left Out: 1185.989+/-1343.226 χ^2/NDF :30.8/22

Right Out: -512.708+/-1288.422 χ^2/NDF : 26.9/18

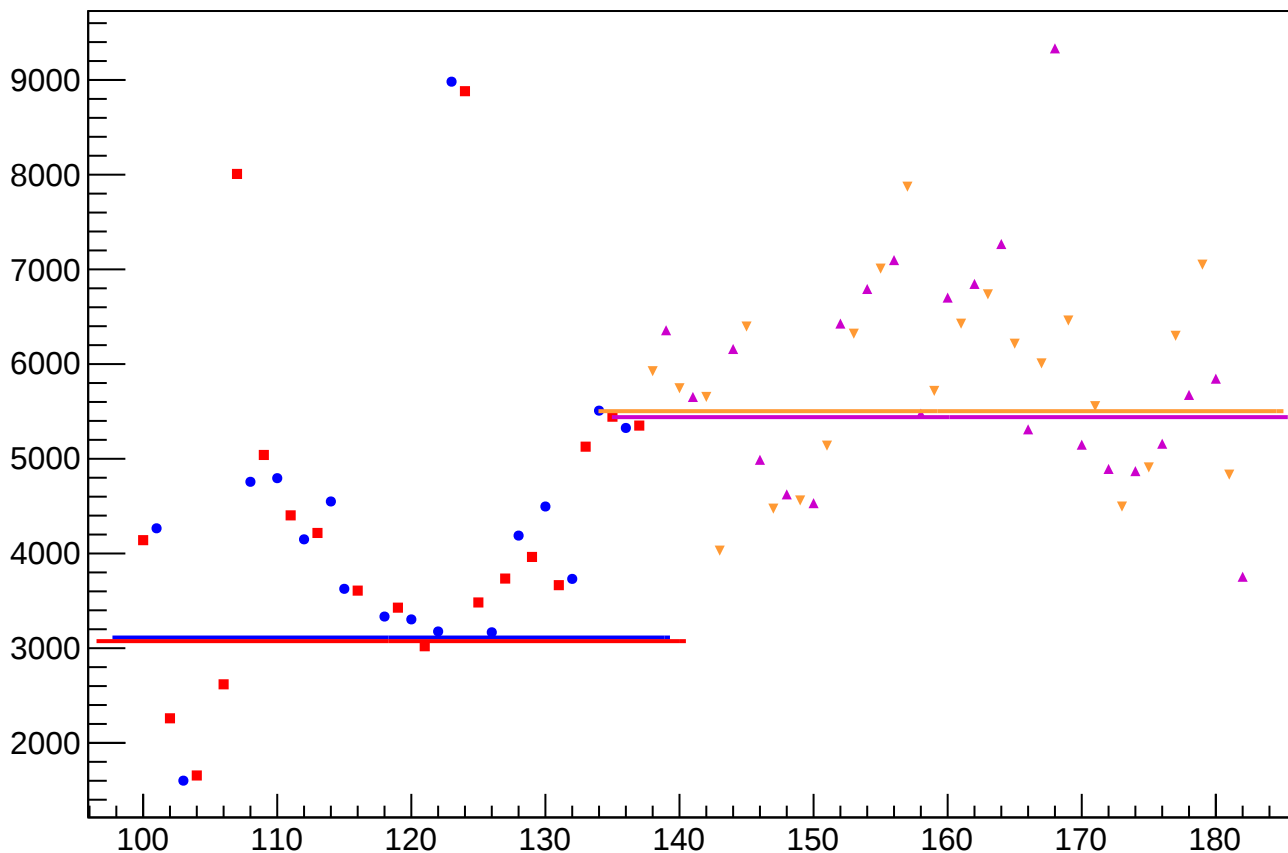
Left In: -3137.411+/-1340.106 χ^2/NDF :12.5/21

+ sign 1488.762+/-939.033 χ^2/NDF : 45.4/39

All: -160.250+/-660.344 χ^2/NDF : 92.9/80

- sign -1773.471+/-928.786 χ^2/NDF : 41.4/40

asym_atl_avg_rms vs Slug



Right In: 3112.592+/-0.929 χ^2/NDF : 1882559.8/16

Left Out: 5502.750+/-0.950 χ^2/NDF : 989804.4/22

Right Out: 3074.355+/-0.898 χ^2/NDF : 2007121.5/18

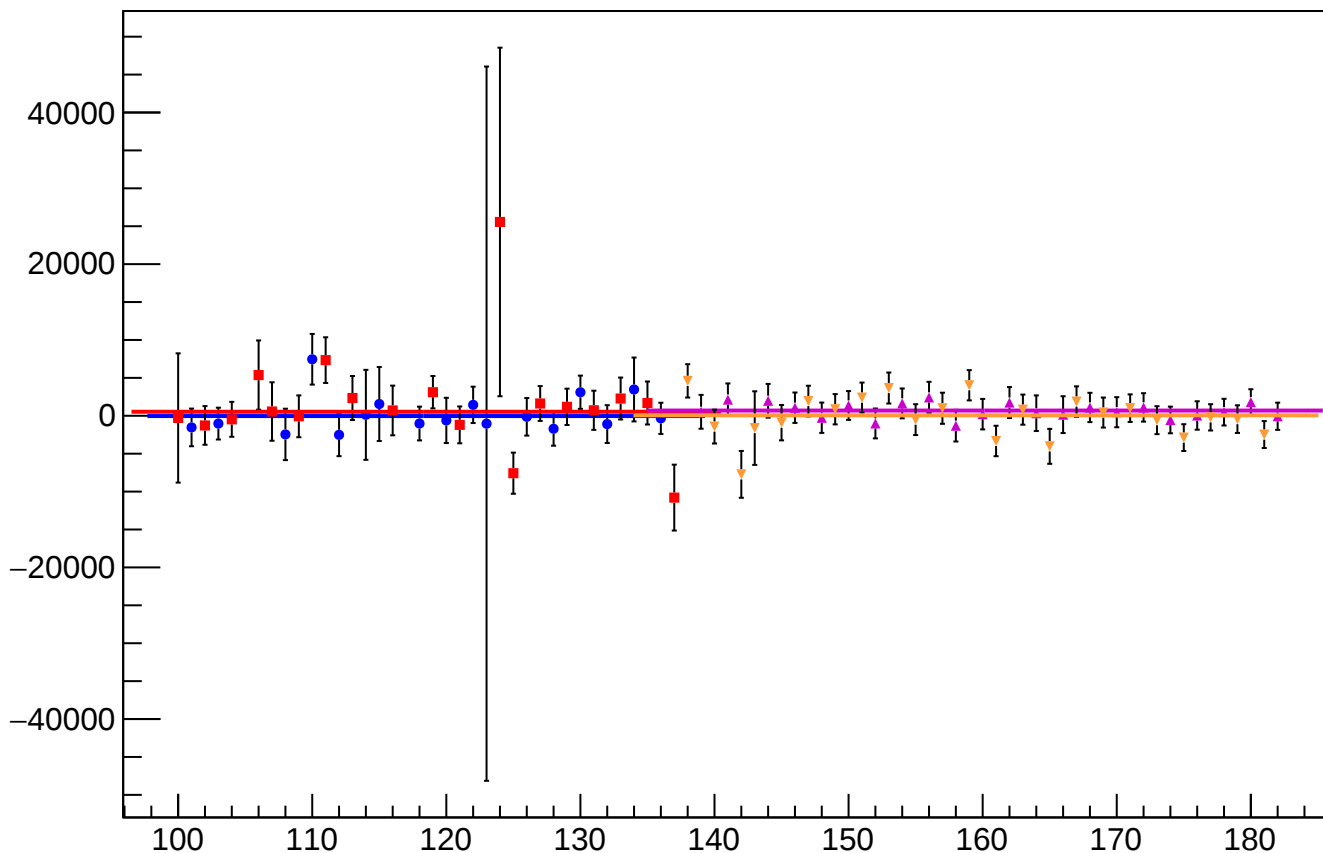
Left In: 5439.752+/-0.948 χ^2/NDF : 1224006.7/21

+ sign 4280.713+/-0.664 χ^2/NDF : 6110108.5/39

All: 4236.190+/-0.465 χ^2/NDF : 12633538.3/8

- sign 4193.294+/-0.652 χ^2/NDF : 6514601.7/40

reg_asym_atl_dd_mean vs Slug



Right In: -38.244 ± 662.838 χ^2/NDF : 11.1/16

Left Out: 59.171 ± 425.828 χ^2/NDF : 33.4/22

Right Out: 530.114 ± 663.235 χ^2/NDF : 27.1/18

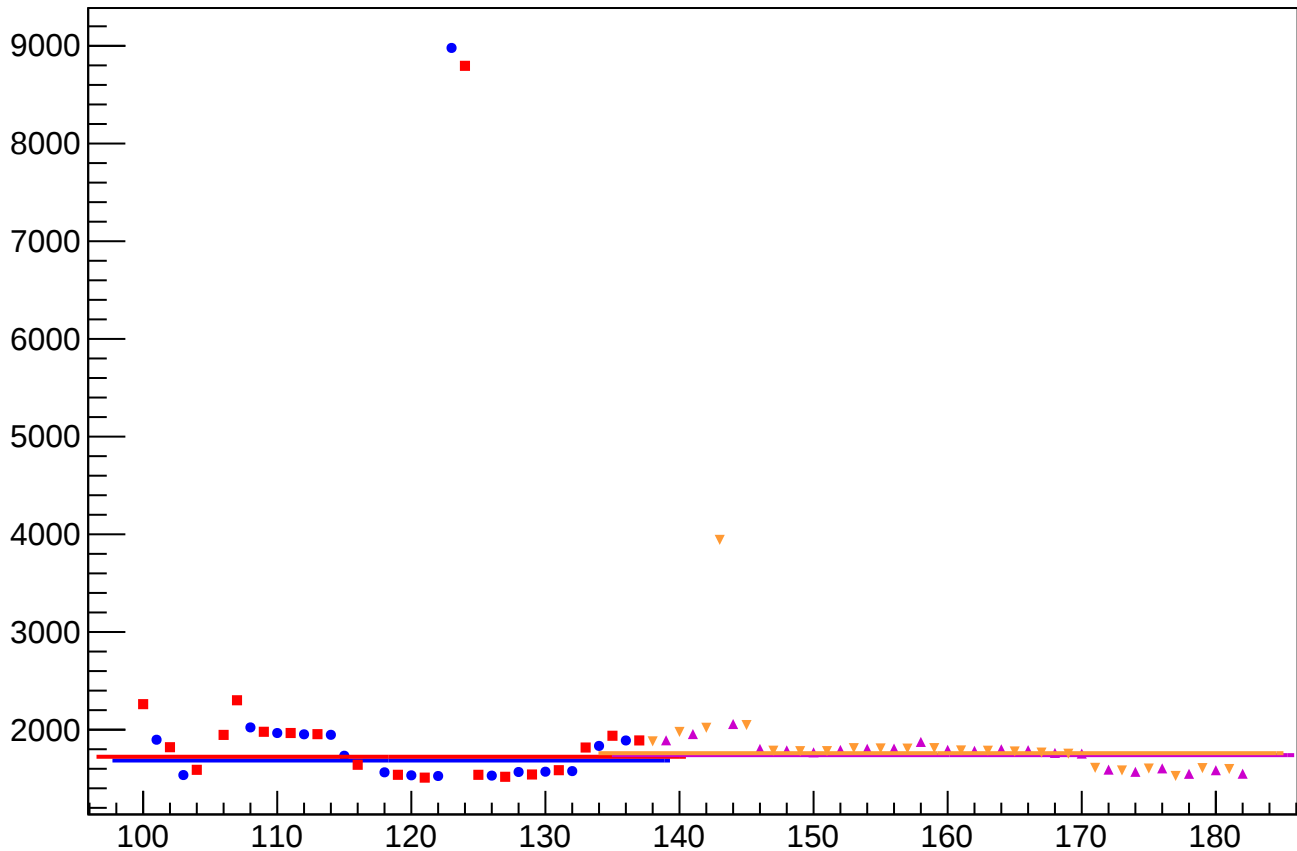
Left In: 688.809 ± 421.999 χ^2/NDF : 5.5/21

+ sign 30.711 ± 358.267 χ^2/NDF : 44.5/39

All: 338.804 ± 252.541 χ^2/NDF : 78.7/80

- sign 643.077 ± 356.039 χ^2/NDF : 32.7/40

reg_asym_atl_dd_rms vs Slug



Right In: 1684.672 $\pm$ 0.469 χ^2 /NDF: 194019.0/16

Left Out: 1759.668 $\pm$ 0.301 χ^2 /NDF: 595478.3/22

Right Out: 1723.015 $\pm$ 0.467 χ^2 /NDF: 392549.0/18

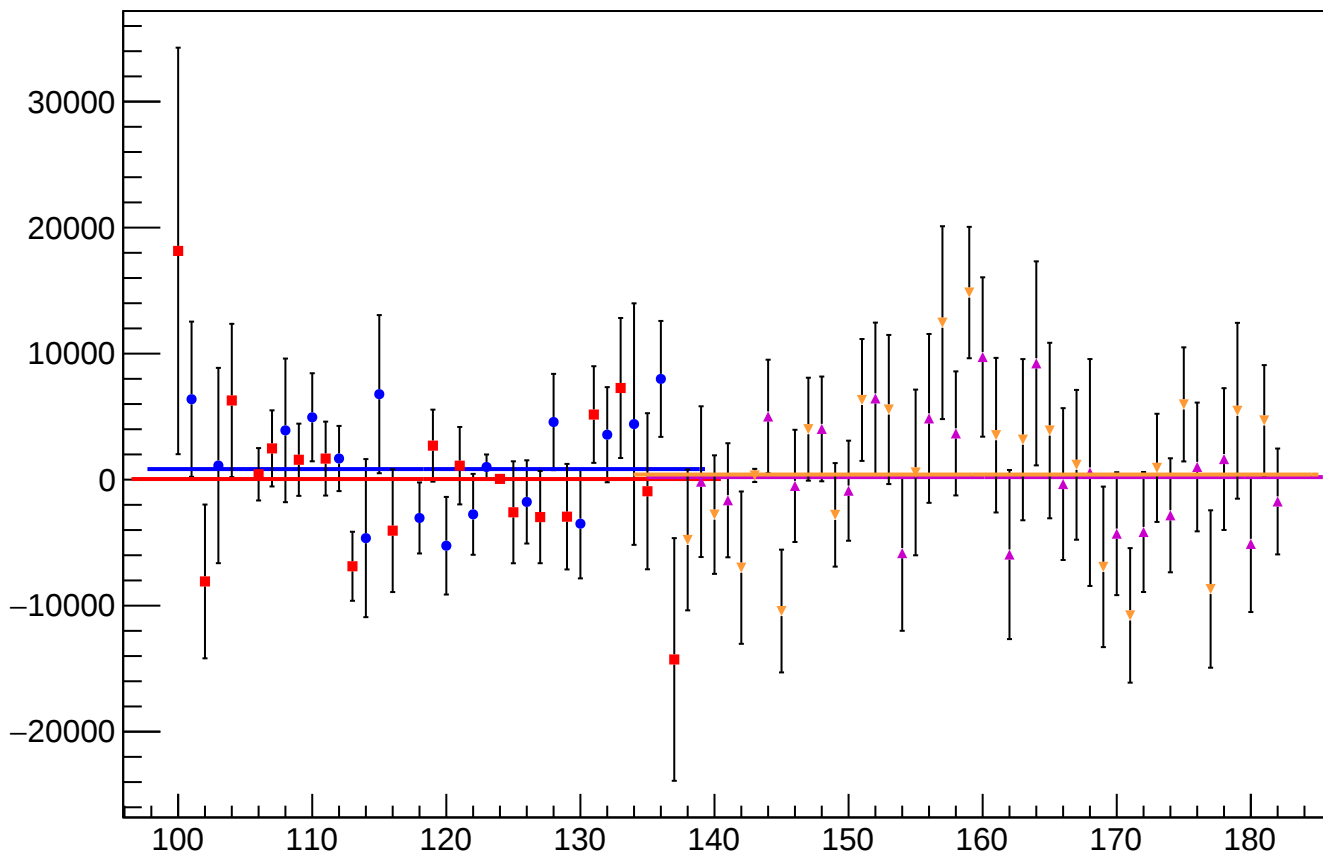
Left In: 1739.507 $\pm$ 0.298 χ^2 /NDF: 198160.6/21

+ sign 1737.758 $\pm$ 0.253 χ^2 /NDF: 807620.5/39

All: 1736.230 $\pm$ 0.178 χ^2 /NDF: 1399288.0/80

- sign 1734.725 $\pm$ 0.251 χ^2 /NDF: 591595.3/40

asym_atl_dd_correction_mean vs Slug



Right In: 838.236 $\pm$ 706.837 χ^2 /NDF: 15.6/16

Left Out: 405.133 $\pm$ 474.667 χ^2 /NDF:33.1/22

Right Out: 47.538 $\pm$ 357.307 χ^2 /NDF: 20.8/18

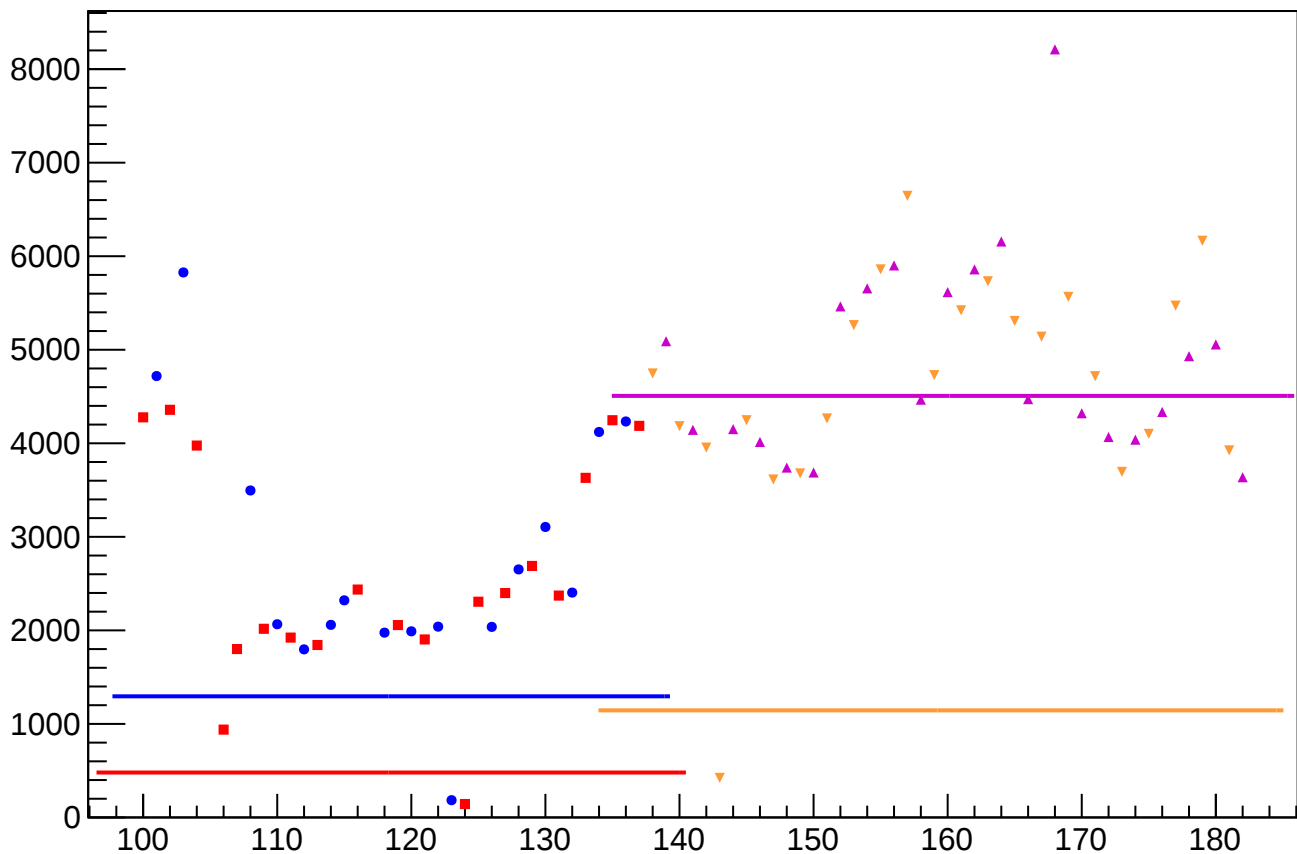
Left In: 201.847 $\pm$ 1108.809 χ^2 /NDF:13.0/21

+ sign 539.742 $\pm$ 394.059 χ^2 /NDF: 48.9/39

All: 265.968 $\pm$ 257.462 χ^2 /NDF: 83.6/80

- sign 62.054 $\pm$ 340.086 χ^2 /NDF: 33.8/40

asym_atl_dd_correction_rms vs Slug



Right In: 1295.065 $\pm$ 0.500 χ^2 /NDF: 6509427.9/16

Left Out: 1144.887 $\pm$ 0.336 χ^2 /NDF: 22858924.7/22

Right Out: 480.403 $\pm$ 0.253 χ^2 /NDF: 10116692.6/18

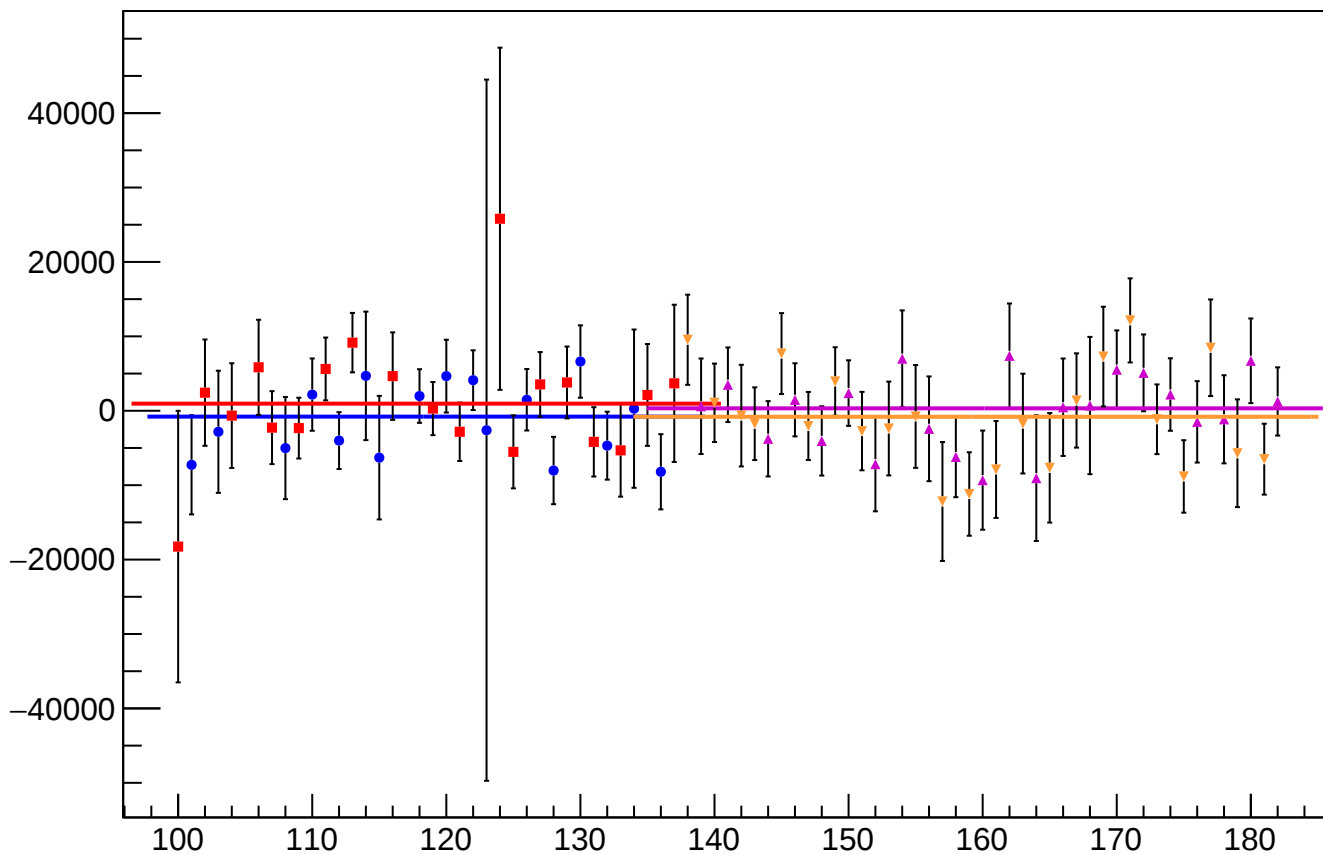
Left In: 4506.926 $\pm$ 0.784 χ^2 /NDF: 1154680.6/21

+ sign 1191.562 $\pm$ 0.279 χ^2 /NDF: 29430575.0/39

All: 1001.071 $\pm$ 0.182 χ^2 /NDF: 65410383.3/8

- sign 859.189 $\pm$ 0.240 χ^2 /NDF: 35164336.1/40

asym_atl_dd_mean vs Slug



Right In: -786.677+/-1265.533 χ^2/NDF : 14.7/16

Left Out: -808.456+/-1193.057 χ^2/NDF : 27.9/22

Right Out: 957.432+/-1194.177 χ^2/NDF : 15.6/18

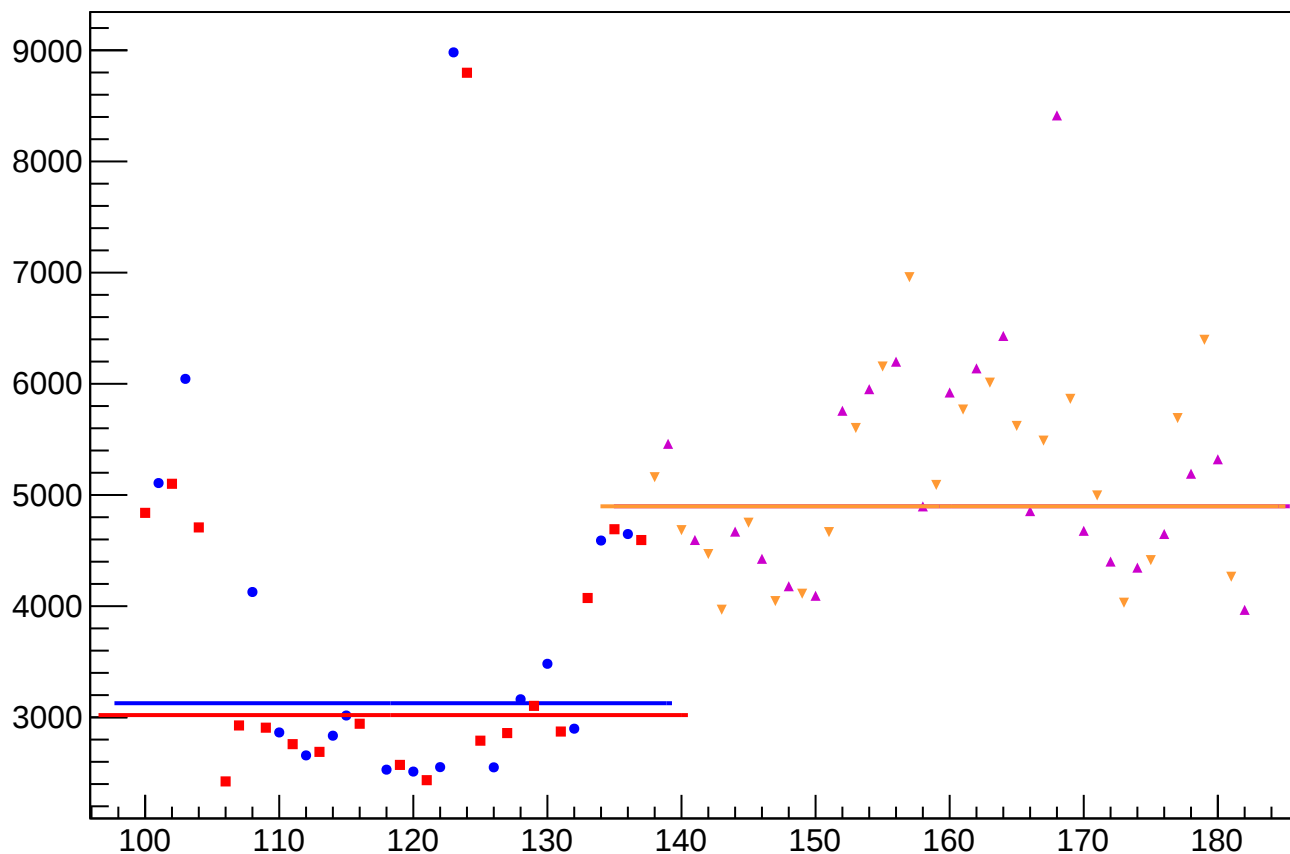
Left In: 328.468+/-1201.082 χ^2/NDF : 14.1/21

+ sign -798.208+/-868.110 χ^2/NDF : 42.6/39

All: -58.830+/-606.187 χ^2/NDF : 73.8/80

- sign 644.763+/-846.841 χ^2/NDF : 29.8/40

asym_atl_dd_rms vs Slug



Right In: 3127.109+/-0.895 χ^2/NDF : 942783.2/16

Left Out: 4898.142+/-0.844 χ^2/NDF : 856277.8/22

Right Out: 3020.357+/-0.834 χ^2/NDF : 791453.3/18

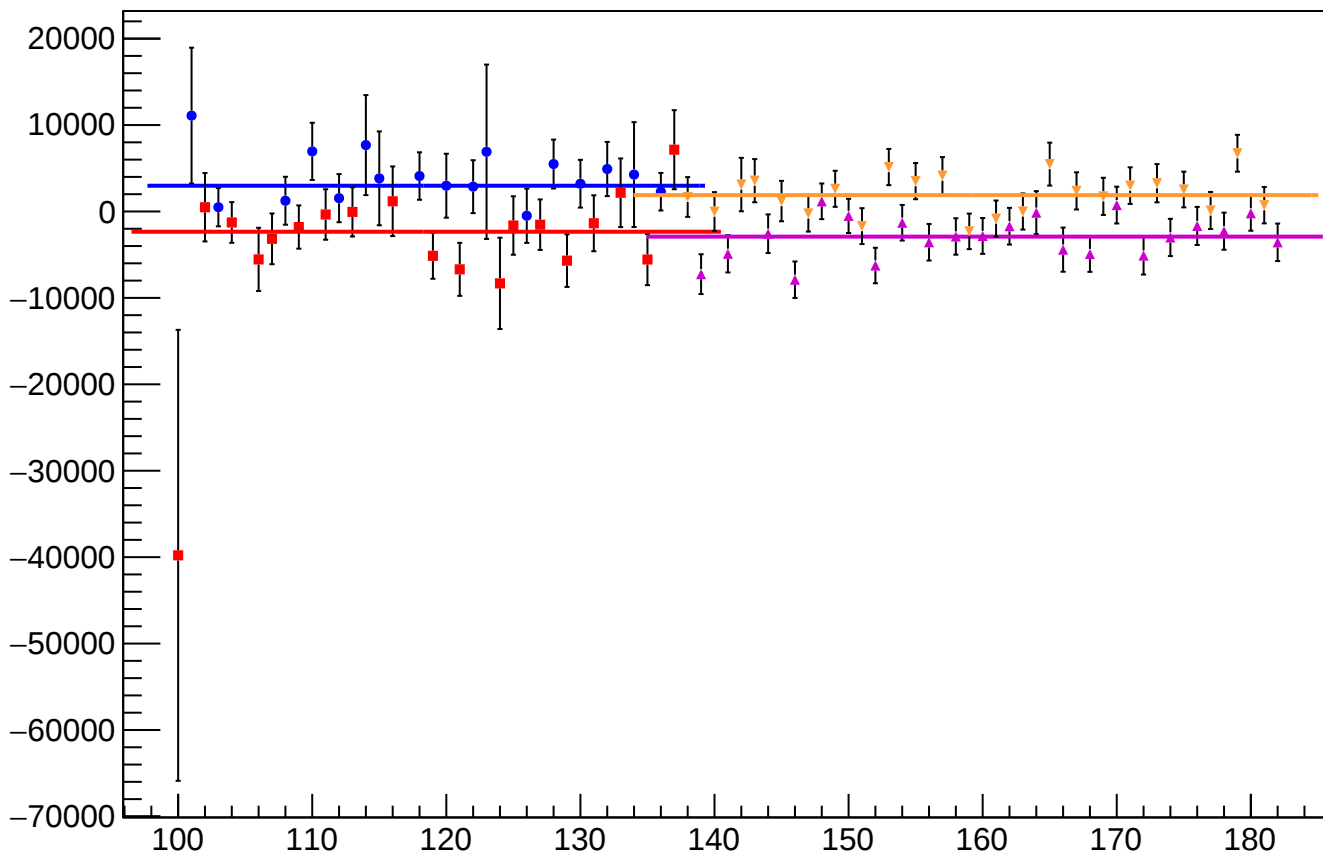
Left In: 4898.395+/-0.849 χ^2/NDF : 933774.8/21

+ sign 4064.784+/-0.614 χ^2/NDF : 3872858.6/39

All: 4001.549+/-0.427 χ^2/NDF : 8108469.3/80

- sign 3942.136+/-0.595 χ^2/NDF : 4215028.2/40

reg_asym_atr_avg_mean vs Slug



Right In: 2978.237 $\pm$ 777.589 χ^2 /NDF: 8.0/16

Left Out: 1893.973 $\pm$ 456.029 χ^2 /NDF: 25.4/22

Right Out: -2344.712 $\pm$ 742.207 χ^2 /NDF: 18.1/18

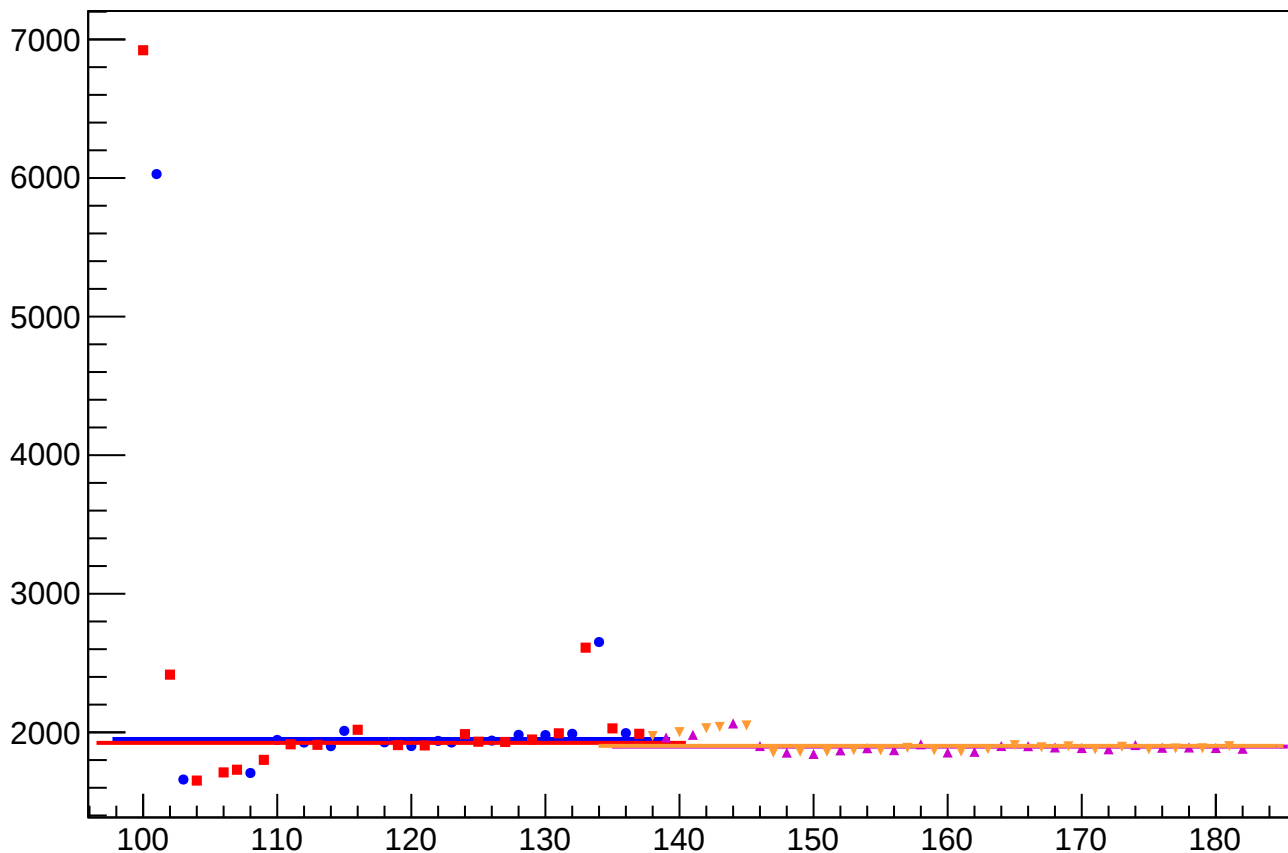
Left In: -2911.985 $\pm$ 458.091 χ^2 /NDF: 27.8/21

+ sign 2171.458 $\pm$ 393.371 χ^2 /NDF: 34.8/39

All: -314.353 $\pm$ 276.891 χ^2 /NDF: 160.3/80

- sign -2755.500 $\pm$ 389.821 χ^2 /NDF: 46.4/40

reg_asym_atr_avg_rms vs Slug



Right In: 1952.104 ± 0.550 χ^2/NDF : 617388.5/16

Left Out: 1902.467 ± 0.322 χ^2/NDF : 29314.4/22

Right Out: 1924.009 ± 0.524 χ^2/NDF : 217499.2/18

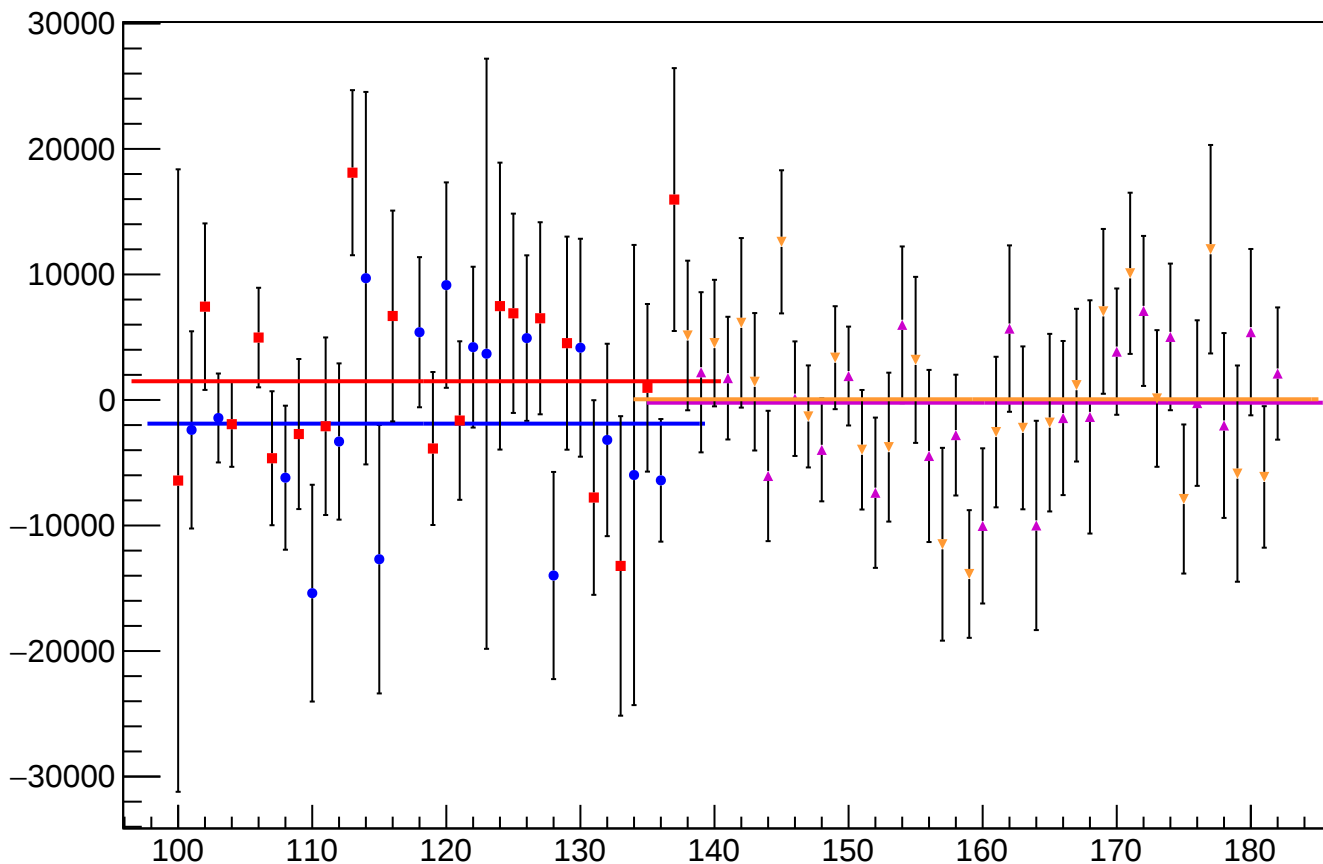
Left In: 1896.971 ± 0.324 χ^2/NDF : 21034.5/21

+ sign 1915.170 ± 0.278 χ^2/NDF : 652767.0/39

All: 1909.760 ± 0.196 χ^2/NDF : 893978.5/80

- sign 1904.455 ± 0.275 χ^2/NDF : 240462.3/40

asym_atr_avg_correction_mean vs Slug



Right In: -1885.502 ± 1665.011 χ^2/NDF : 13.6/16

Left Out: 54.915 ± 1201.970 χ^2/NDF : 28.6/22

Right Out: 1490.988 ± 1479.647 χ^2/NDF : 18.7/18

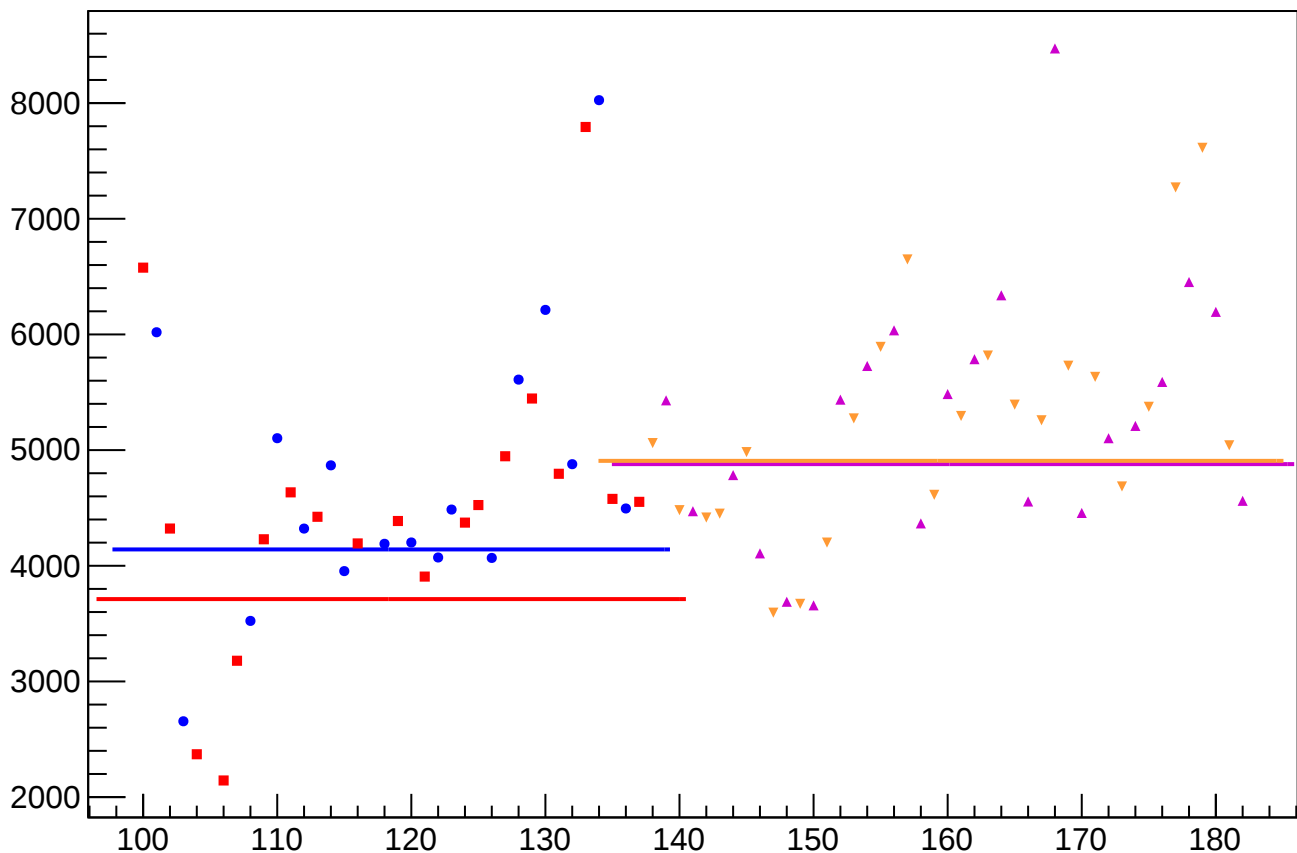
Left In: -218.907 ± 1202.052 χ^2/NDF : 14.5/21

+ sign -609.867 ± 974.561 χ^2/NDF : 43.1/39

All: -51.144 ± 673.937 χ^2/NDF : 77.8/80

- sign 460.918 ± 932.979 χ^2/NDF : 34.0/40

asym_atr_avg_correction_rms vs Slug



Right In: 4141.263+/-1.177 χ^2/NDF : 818140.6/16

Left Out: 4907.072+/-0.850 χ^2/NDF : 1133467.6/22

Right Out: 3711.958+/-1.046 χ^2/NDF : 1276723.1/18

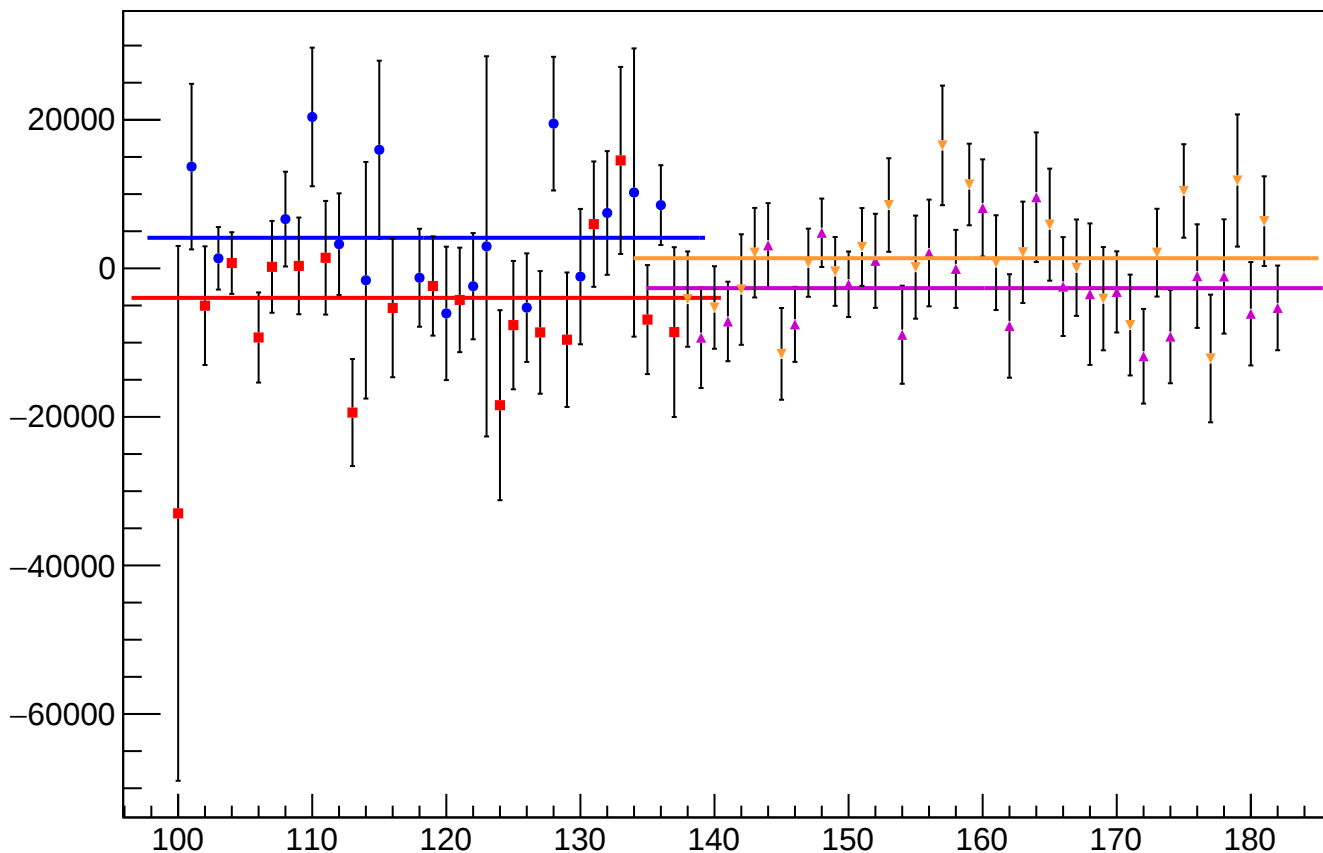
Left In: 4878.863+/-0.850 χ^2/NDF : 1228144.4/21

+ sign 4644.708+/-0.689 χ^2/NDF : 2229750.9/39

All: 4524.808+/-0.477 χ^2/NDF : 5541981.7/80

- sign 4414.922+/-0.660 χ^2/NDF : 3254214.0/40

asym_atr_avg_mean vs Slug



Right In: 4116.431+/-1876.246 χ^2/NDF : 14.1/16

Left Out: 1366.752+/-1301.216 χ^2/NDF : 24.6/22

Right Out: -3971.073+/-1728.385 χ^2/NDF : 14.8/18

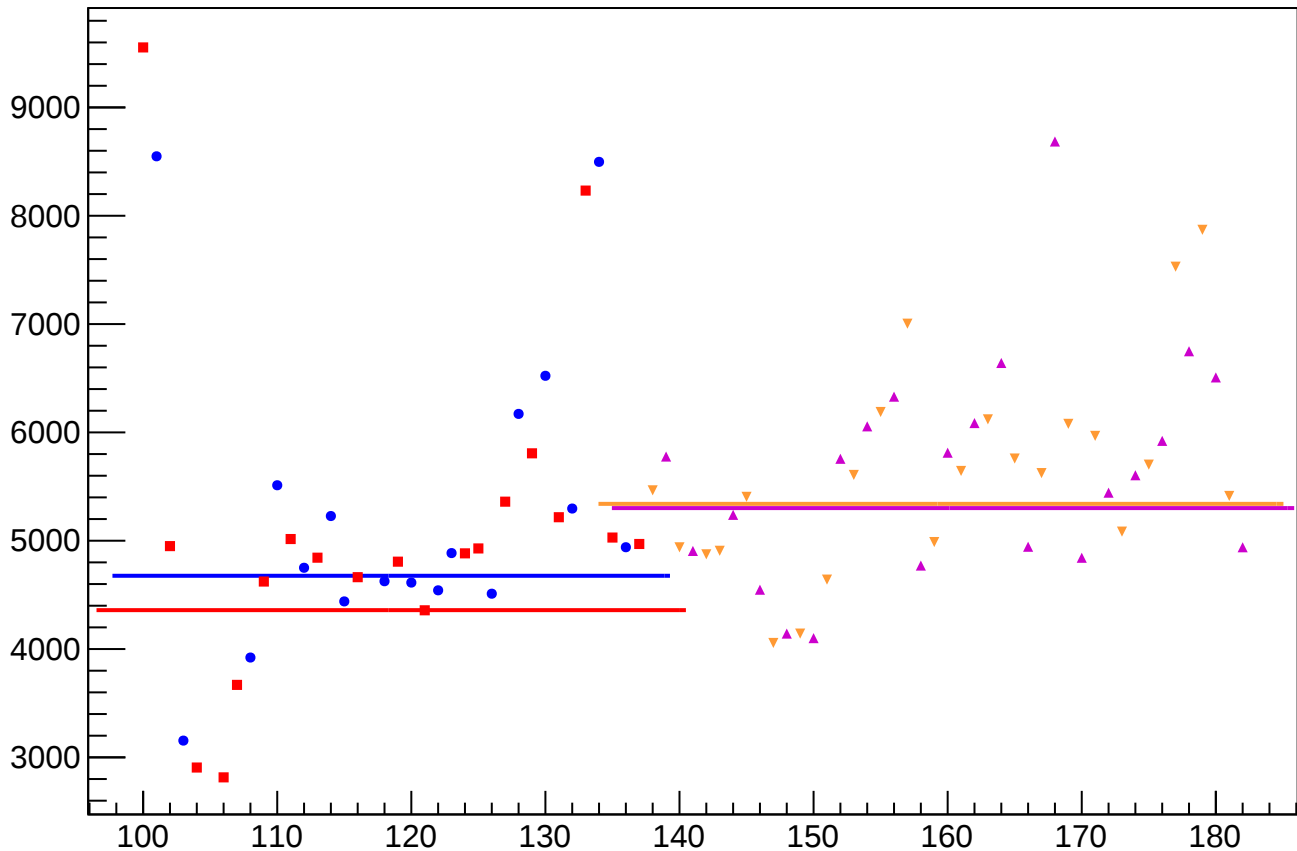
Left In: -2660.721+/-1300.056 χ^2/NDF : 17.1/21

+ sign 2259.759+/-1069.242 χ^2/NDF : 40.2/39

All: -514.693+/-745.130 χ^2/NDF : 85.6/80

- sign -3134.201+/-1038.957 χ^2/NDF : 32.3/40

asym_atr_avg_rms vs Slug



Right In: 4676.405 ± 1.327 $\chi^2/\text{NDF}: 783034.3/16$

Left Out: 5340.353 ± 0.920 $\chi^2/\text{NDF}: 864848.8/22$

Right Out: 4359.077 ± 1.215 $\chi^2/\text{NDF}: 833565.3/18$

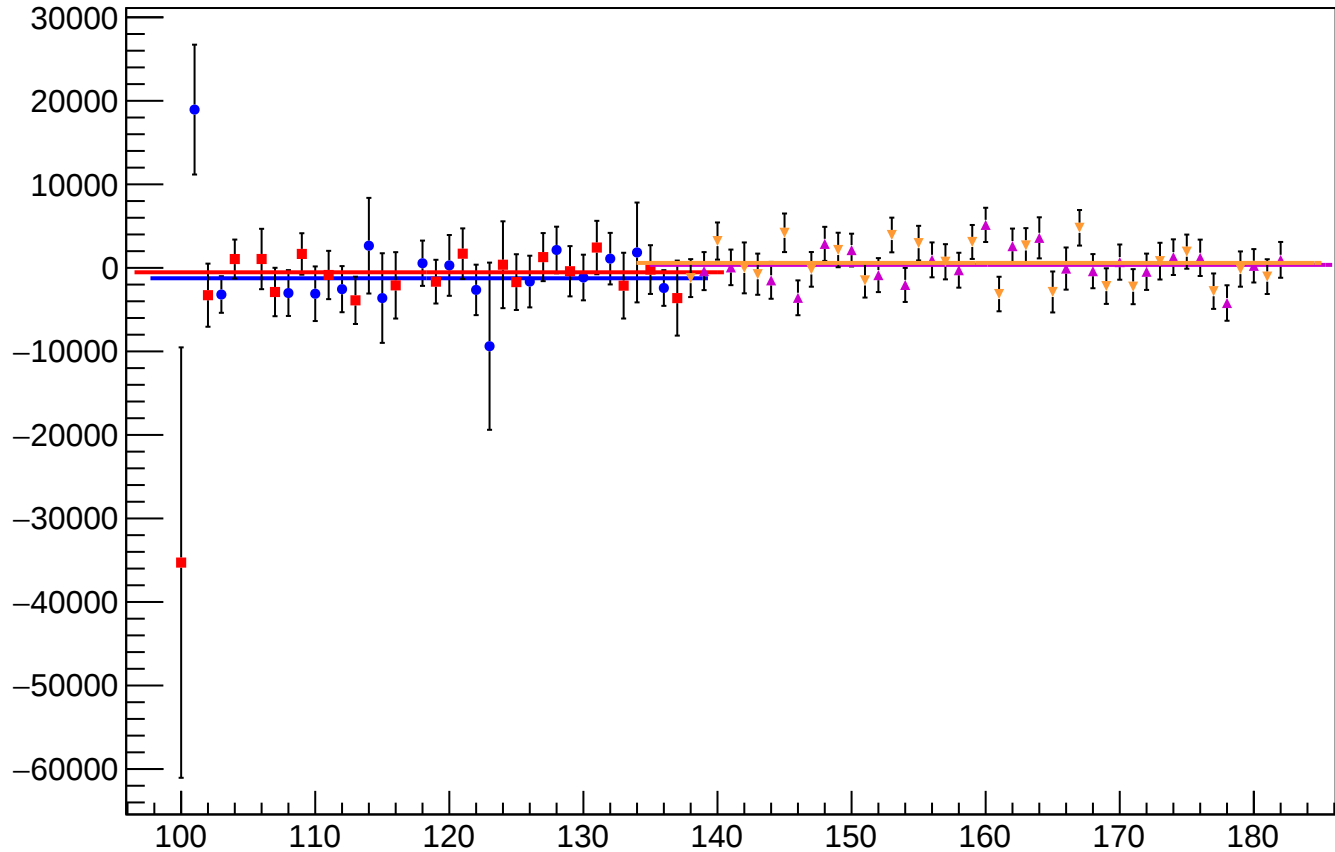
Left In: 5301.174 ± 0.919 $\chi^2/\text{NDF}: 955484.7/21$

+ sign 5124.724 ± 0.756 $\chi^2/\text{NDF}: 1816994.1/39$

All: 5038.909 ± 0.526 $\chi^2/\text{NDF}: 4013360.0/80$

- sign 4958.227 ± 0.733 $\chi^2/\text{NDF}: 2171371.2/40$

reg_asym_atr_dd_mean vs Slug



Right In: -1245.595 ± 767.454 χ^2/NDF : 13.3/16

Left Out: 592.932 ± 450.961 χ^2/NDF : 29.4/22

Right Out: -528.673 ± 732.449 χ^2/NDF : 8.8/18

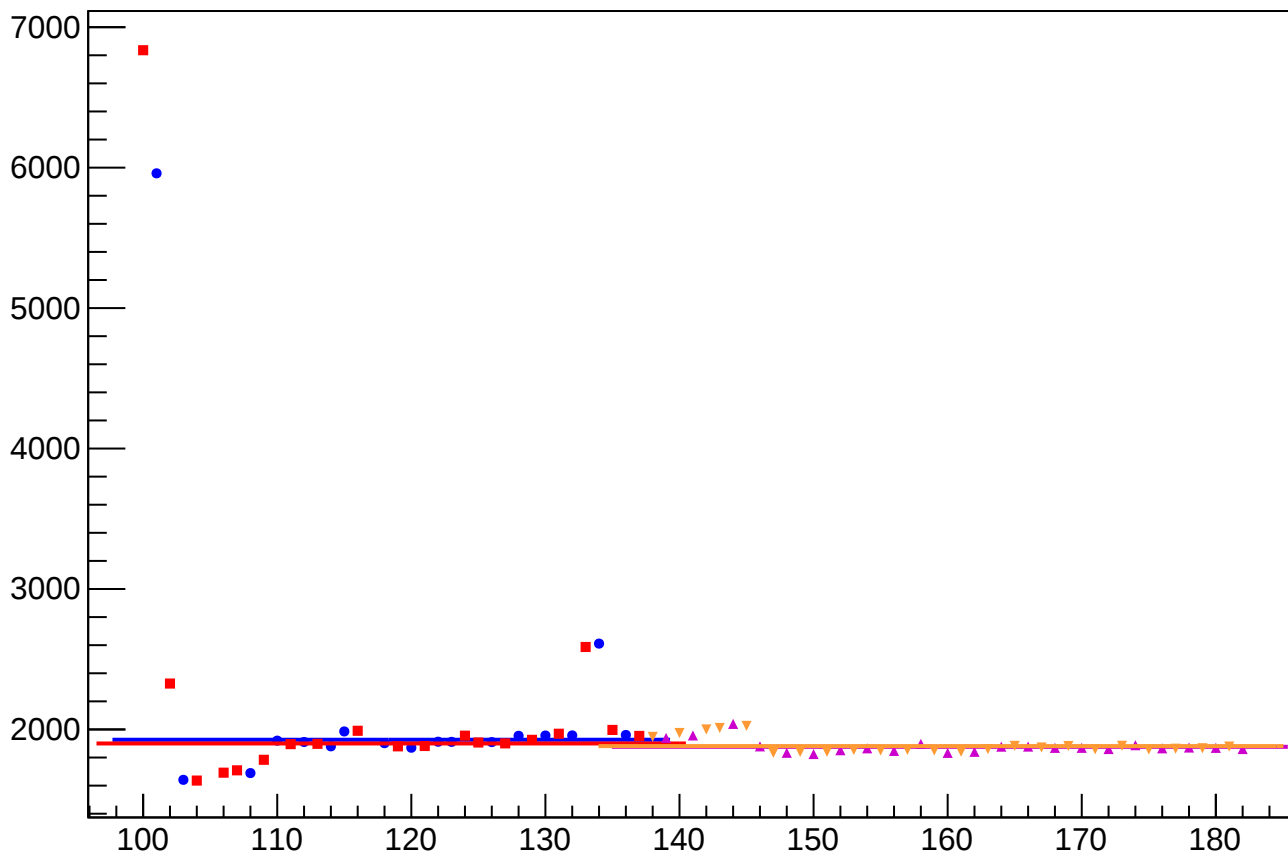
Left In: 356.834 ± 453.096 χ^2/NDF : 22.4/21

+ sign 121.053 ± 388.805 χ^2/NDF : 47.0/39

All: 116.365 ± 273.689 χ^2/NDF : 79.2/80

- sign 111.760 ± 385.328 χ^2/NDF : 32.2/40

reg_asym_atr_dd_rms vs Slug



Right In: 1926.691+/-0.543 χ^2/NDF : 615898.2/16

Left Out: 1881.390+/-0.319 χ^2/NDF : 27568.3/22

Right Out: 1900.134+/-0.517 χ^2/NDF : 210983.9/18

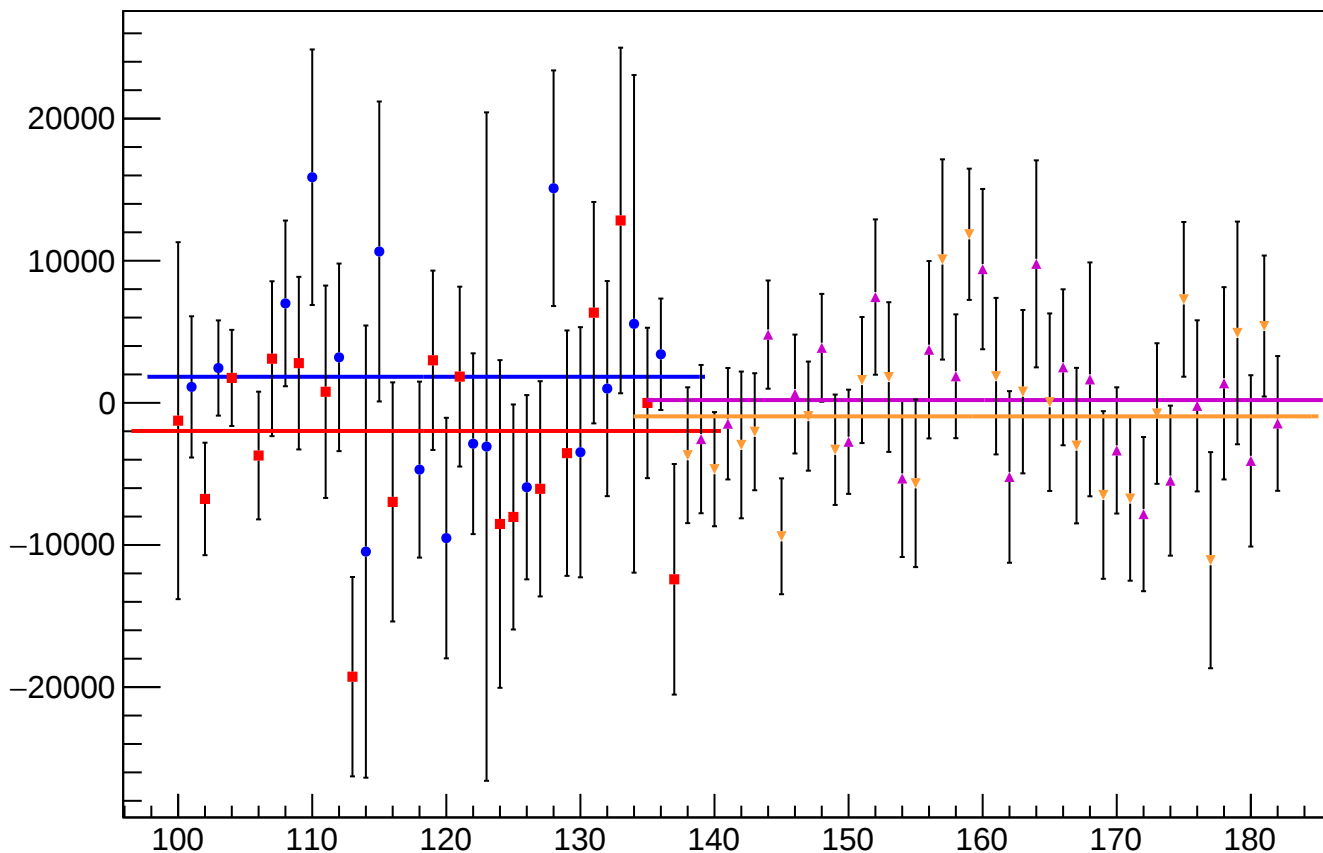
Left In: 1876.293+/-0.320 χ^2/NDF : 20403.0/21

+ sign 1893.017+/-0.275 χ^2/NDF : 648646.6/39

All: 1887.916+/-0.193 χ^2/NDF : 882252.9/80

- sign 1882.913+/-0.272 χ^2/NDF : 232924.5/40

asym_atr_dd_correction_mean vs Slug



Right In: 1834.690+/-1559.964 χ^2/NDF : 12.7/16

Left Out: -948.800+/-1048.671 χ^2/NDF : 26.1/22

Right Out: -1977.025+/-1415.600 χ^2/NDF : 17.5/18

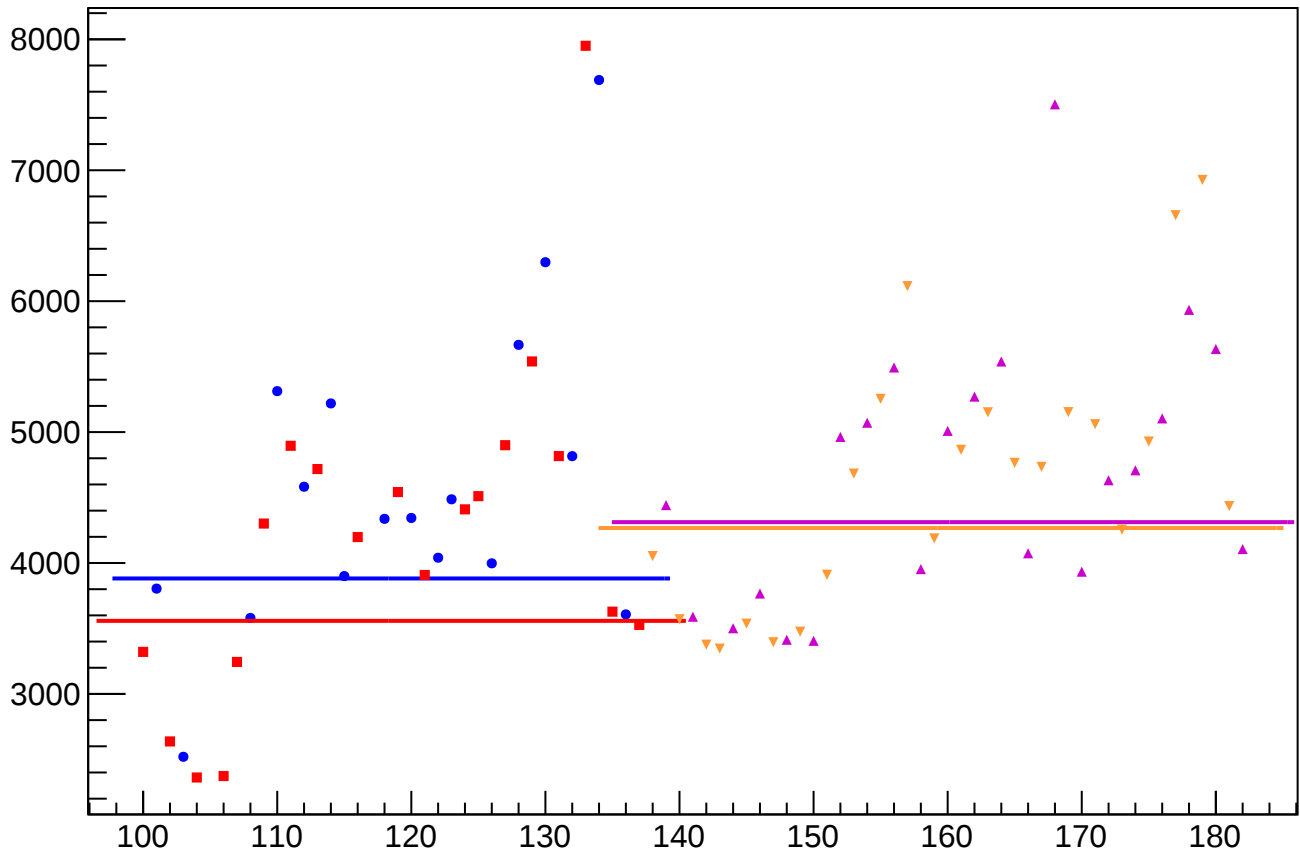
Left In: 196.191+/-1063.504 χ^2/NDF : 16.8/21

+ sign -82.436+/-870.302 χ^2/NDF : 41.0/39

All: -341.032+/-608.195 χ^2/NDF : 77.0/80

- sign -587.867+/-850.283 χ^2/NDF : 35.8/40

asym_atr_dd_correction_rms vs Slug



Right In: 3881.913+/-1.103 χ^2/NDF : 821979.1/16

Left Out: 4267.260+/-0.742 χ^2/NDF : 1334655.4/22

Right Out: 3558.184+/-1.001 χ^2/NDF : 1242011.6/18

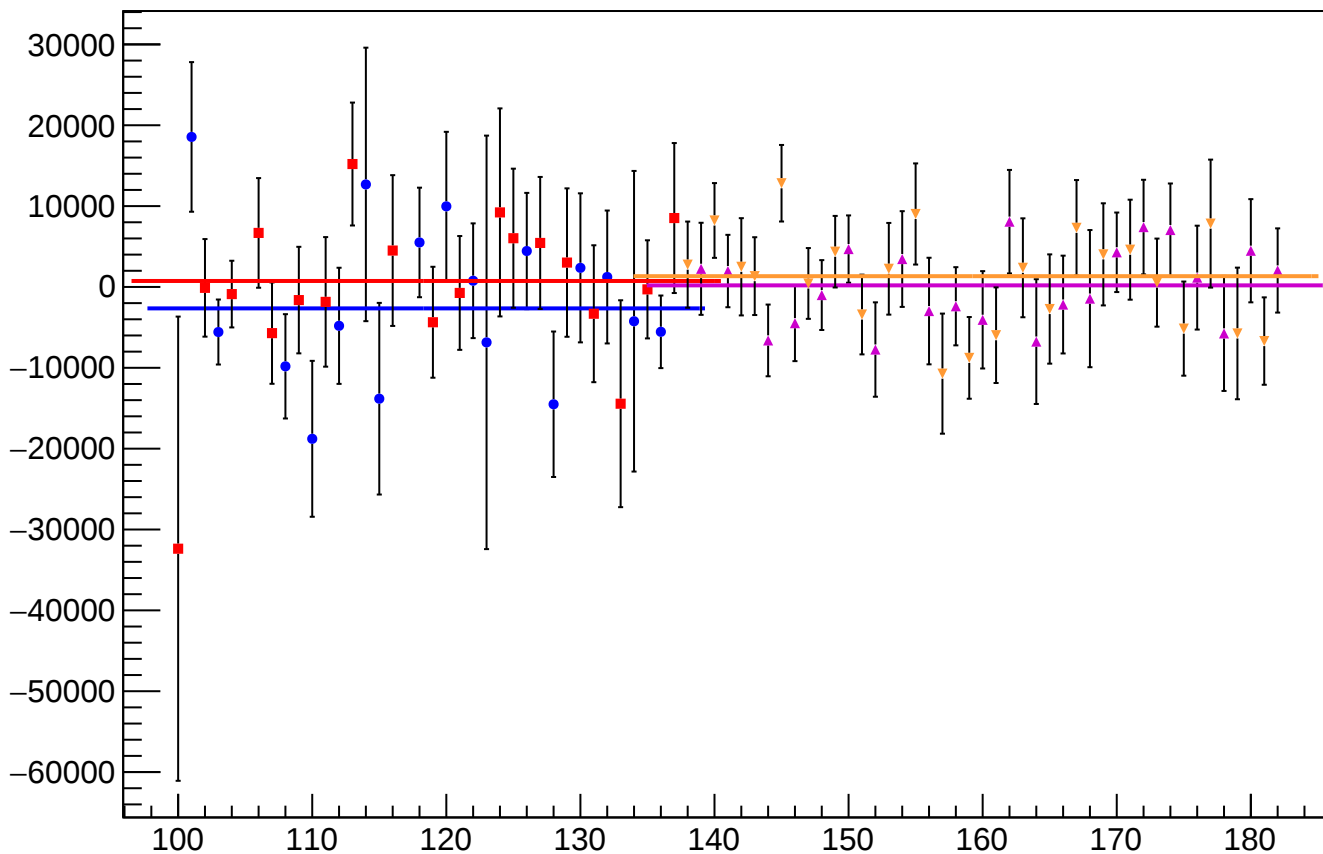
Left In: 4312.161+/-0.752 χ^2/NDF : 1304195.4/21

+ sign 4147.321+/-0.615 χ^2/NDF : 2240690.0/39

All: 4092.483+/-0.430 χ^2/NDF : 5165088.8/80

- sign 4040.139+/-0.601 χ^2/NDF : 2908878.8/40

asym_atr_dd_mean vs Slug



Right In: -2650.826 ± 1813.388 χ^2/NDF : 18.9/16

Left Out: 1333.033 ± 1161.447 χ^2/NDF : 26.1/22

Right Out: 739.638 ± 1693.226 χ^2/NDF : 11.5/18

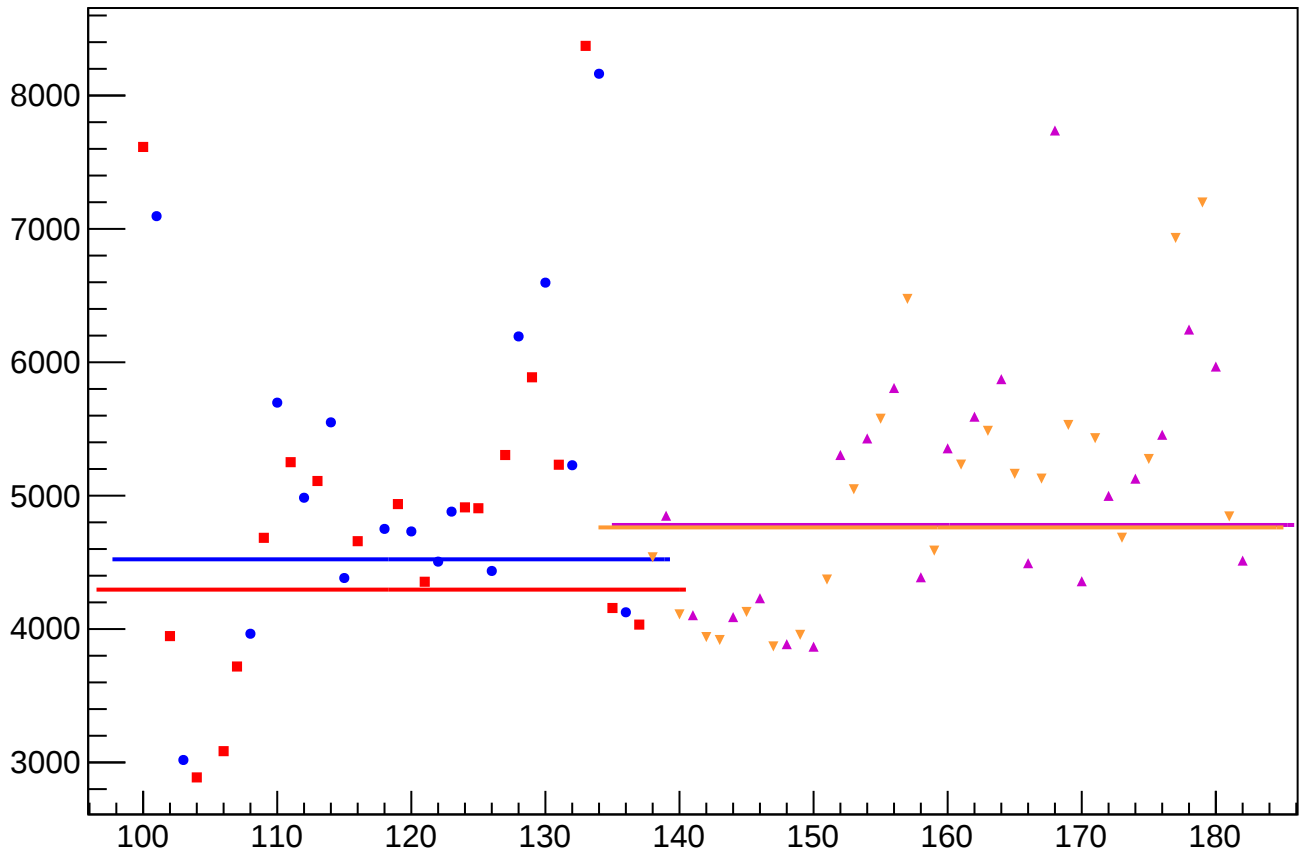
Left In: 196.387 ± 1171.961 χ^2/NDF : 15.5/21

+ sign 174.163 ± 978.038 χ^2/NDF : 48.4/39

All: 274.723 ± 686.434 χ^2/NDF : 75.5/80

- sign 372.345 ± 963.650 χ^2/NDF : 27.1/40

asym_atr_dd_rms vs Slug



Right In: 4522.775+/-1.282 χ^2 /NDF: 776612.8/16

Left Out: 4761.967+/-0.821 χ^2 /NDF: 942043.3/22

Right Out: 4295.614+/-1.191 χ^2 /NDF: 773207.8/18

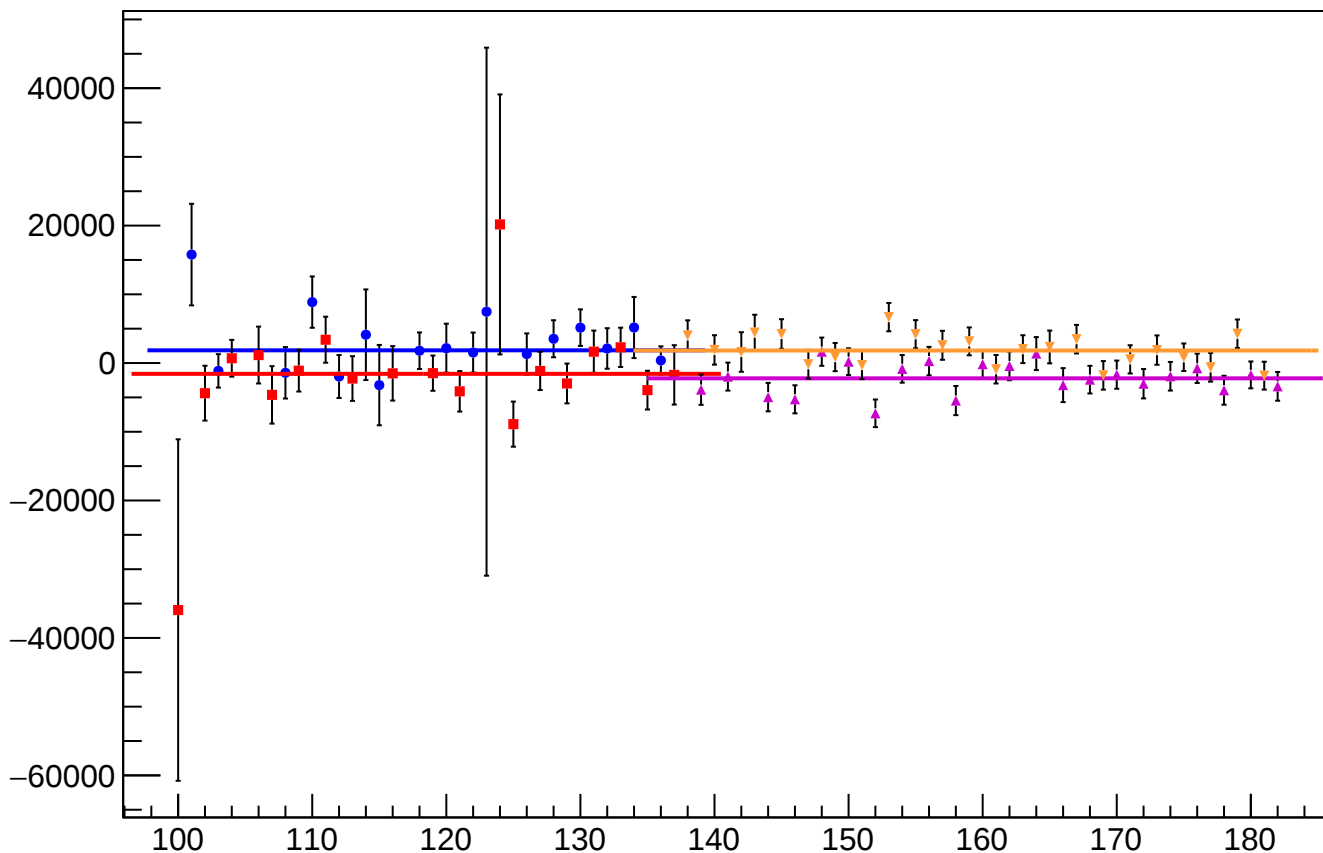
Left In: 4780.312+/-0.829 χ^2 /NDF: 949786.6/21

+ sign 4692.388+/-0.692 χ^2 /NDF: 1743331.0/39

All: 4656.676+/-0.485 χ^2 /NDF: 3583212.8/80

- sign 4622.132+/-0.680 χ^2 /NDF: 1834635.8/40

reg_asym_at1_avg_mean vs Slug



Right In: 1850.872 $\pm$ 785.814 χ^2 /NDF: 14.8/16

Left Out: 1822.340 $\pm$ 443.344 χ^2 /NDF:25.0/22

Right Out: -1571.043 $\pm$ 768.050 χ^2 /NDF: 17.3/18

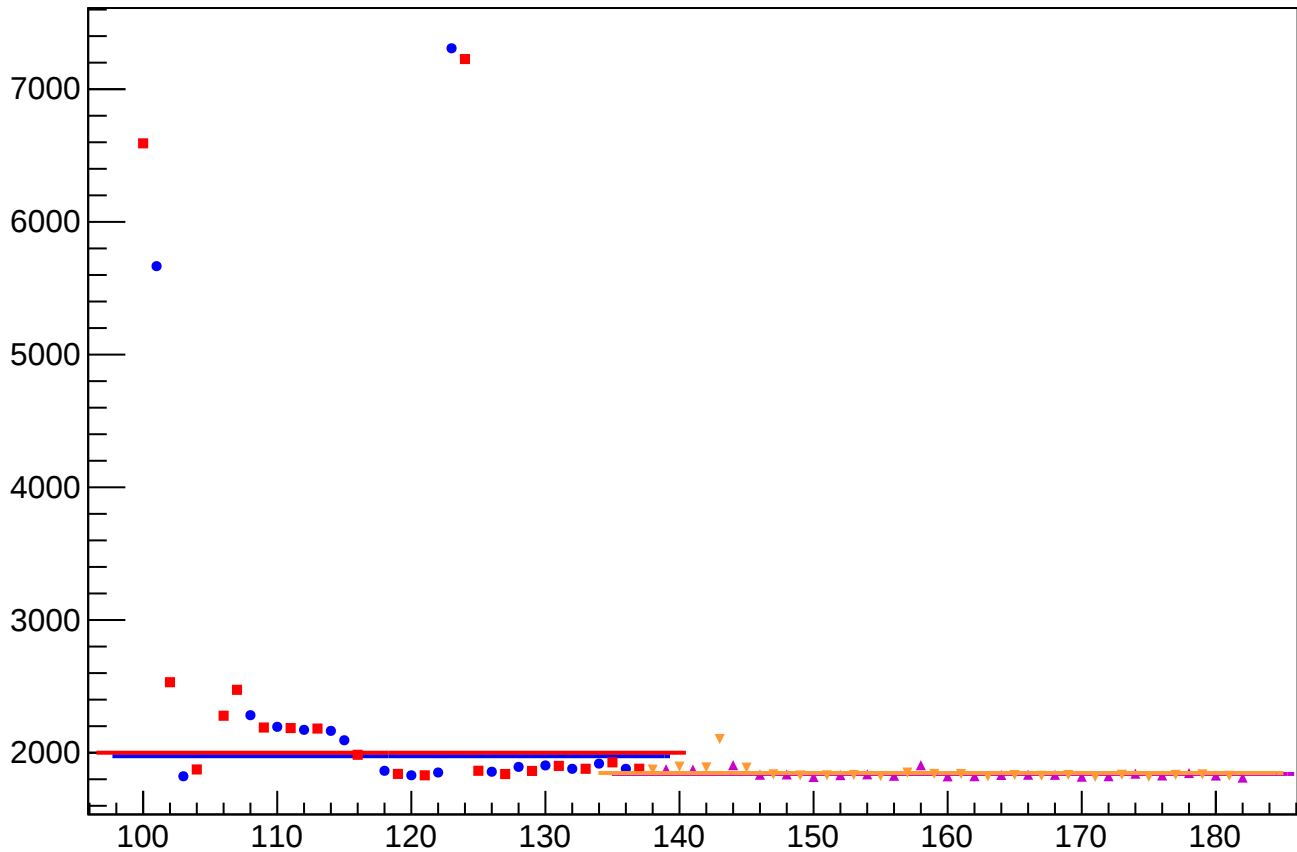
Left In: -2225.810 $\pm$ 445.121 χ^2 /NDF:26.3/21

+ sign 1829.229 $\pm$ 386.130 χ^2 /NDF: 39.8/39

All: -121.075 $\pm$ 272.677 χ^2 /NDF: 134.8/80

- sign -2061.184 $\pm$ 385.119 χ^2 /NDF: 44.1/40

reg_asym_at1_avg_rms vs Slug



Right In: 1973.812 $\pm$ 0.556 χ^2 /NDF: 599877.2/16

Left Out: 1846.992 $\pm$ 0.313 χ^2 /NDF: 24532.0/22

Right Out: 2000.069 $\pm$ 0.543 χ^2 /NDF: 353620.6/18

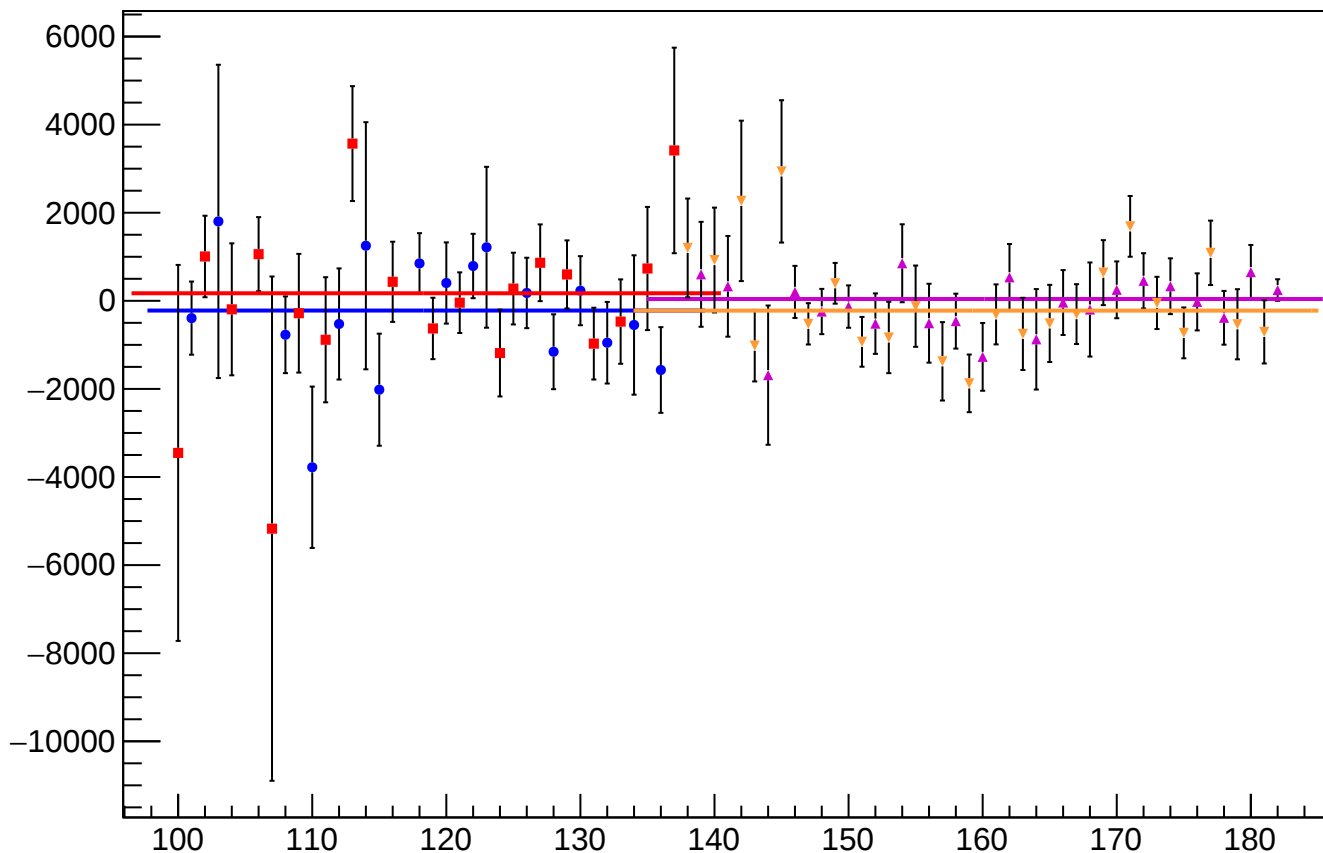
Left In: 1840.130 $\pm$ 0.315 χ^2 /NDF: 6627.9/21

+ sign 1877.612 $\pm$ 0.273 χ^2 /NDF: 663923.5/39

All: 1878.981 $\pm$ 0.193 χ^2 /NDF: 1089145.5/80

- sign 1880.343 $\pm$ 0.272 χ^2 /NDF: 425171.9/40

asym_at1_avg_correction_mean vs Slug



Right In: -220.797 ± 241.210 χ^2/NDF : 16.7/16

Left Out: -222.486 ± 149.696 χ^2/NDF : 35.9/22

Right Out: 171.668 ± 229.758 χ^2/NDF : 19.9/18

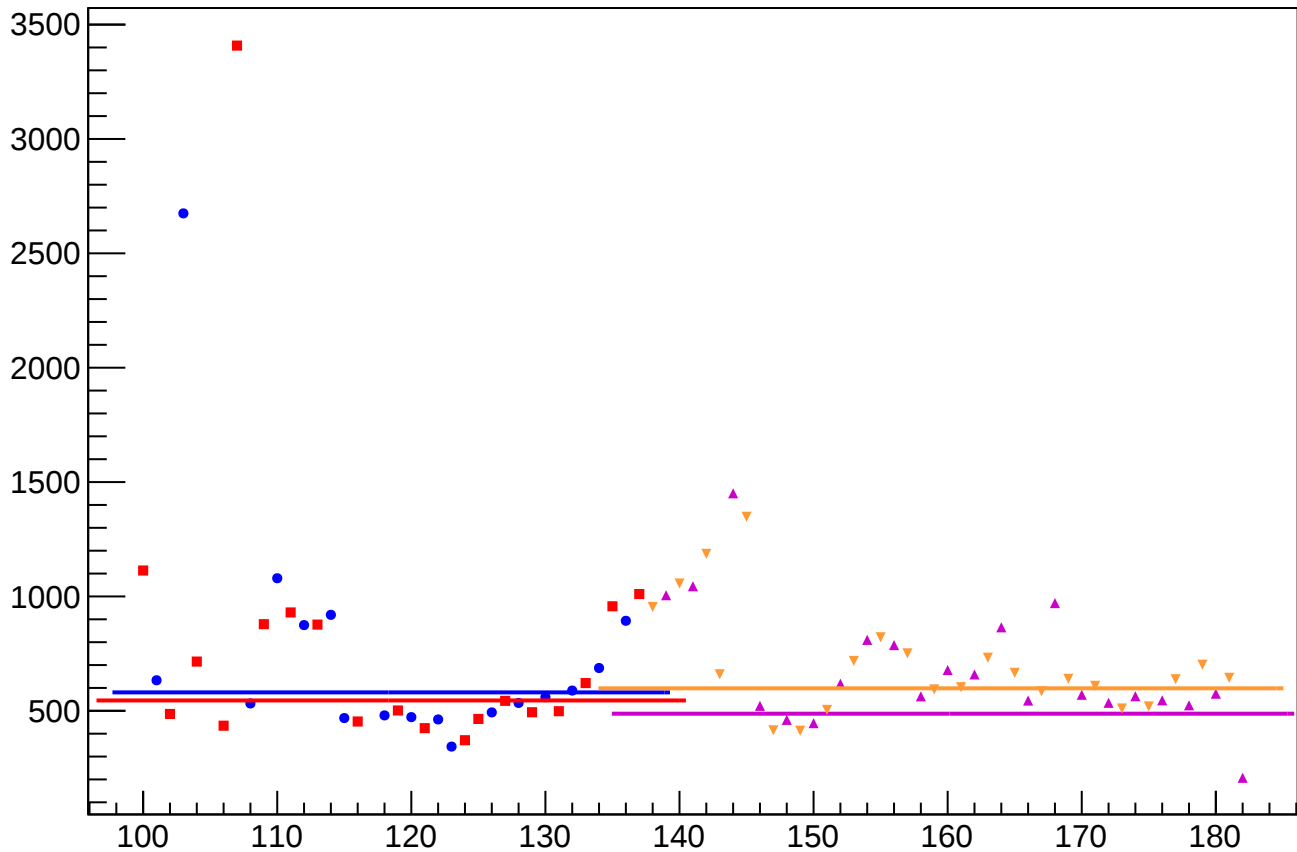
Left In: 41.230 ± 130.413 χ^2/NDF : 11.5/21

+ sign -222.016 ± 127.192 χ^2/NDF : 52.6/39

All: -57.664 ± 84.650 χ^2/NDF : 87.2/80

- sign 73.015 ± 113.416 χ^2/NDF : 31.6/40

asym_at1_avg_correction_rms vs Slug



Right In: 580.578+/-0.171 χ^2/NDF : 1413766.8/16

Left Out: 598.362+/-0.106 χ^2/NDF : 2254121.2/22

Right Out: 545.286+/-0.162 χ^2/NDF : 1455572.2/18

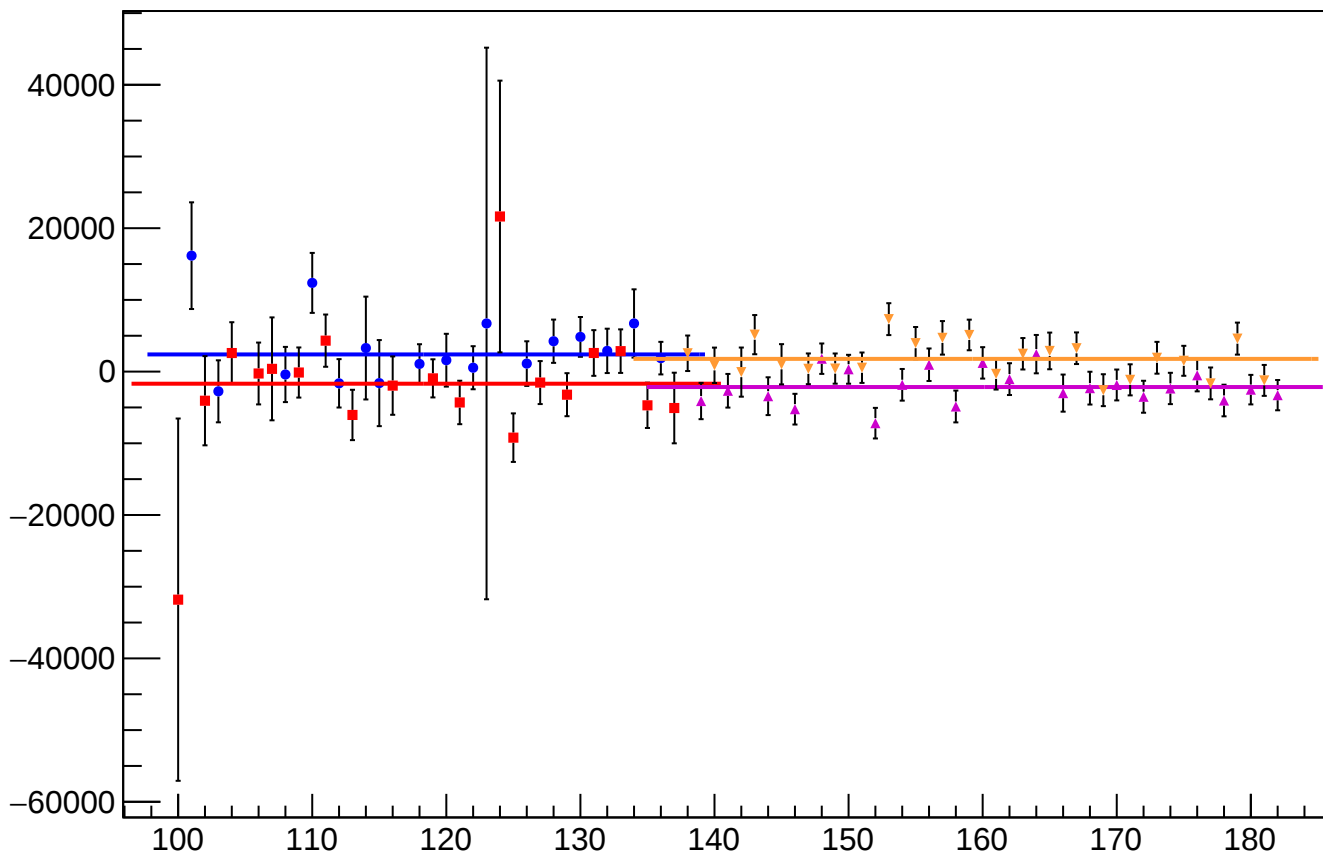
Left In: 487.438+/-0.092 χ^2/NDF : 5838415.7/21

+ sign 593.417+/-0.090 χ^2/NDF : 3675736.8/39

All: 542.232+/-0.060 χ^2/NDF : 11647034.4/80

- sign 501.534+/-0.080 χ^2/NDF : 7389878.3/40

asym_at1_avg_mean vs Slug



Right In: 2394.430+/-865.666 χ^2/NDF : 15.8/16

Left Out: 1774.153+/-477.756 χ^2/NDF : 27.7/22

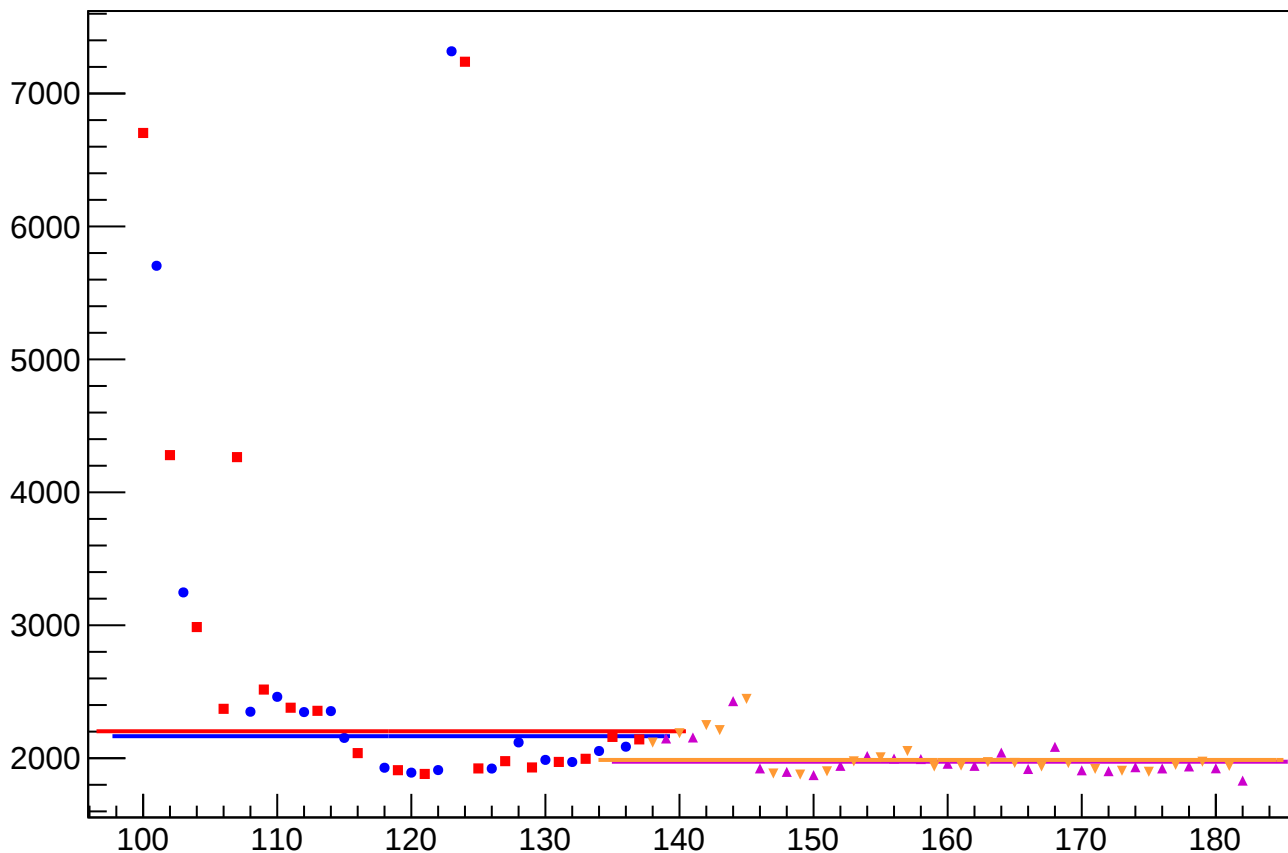
Right Out: -1689.195+/-856.105 χ^2/NDF : 20.2/18

Left In: -2152.514+/-478.176 χ^2/NDF : 24.6/21

+ sign 1918.971+/-418.282 χ^2/NDF : 44.0/39

All: -65.537+/-295.483 χ^2/NDF : 133.9/80

- sign -2042.341+/-417.470 χ^2/NDF : 45.0/40



Right In: 2165.566 ± 0.612 $\chi^2/\text{NDF}: 707806.4/16$

Left Out: 1986.942 ± 0.338 $\chi^2/\text{NDF}: 125666.9/22$

Right Out: 2202.669 ± 0.605 $\chi^2/\text{NDF}: 799074.2/18$

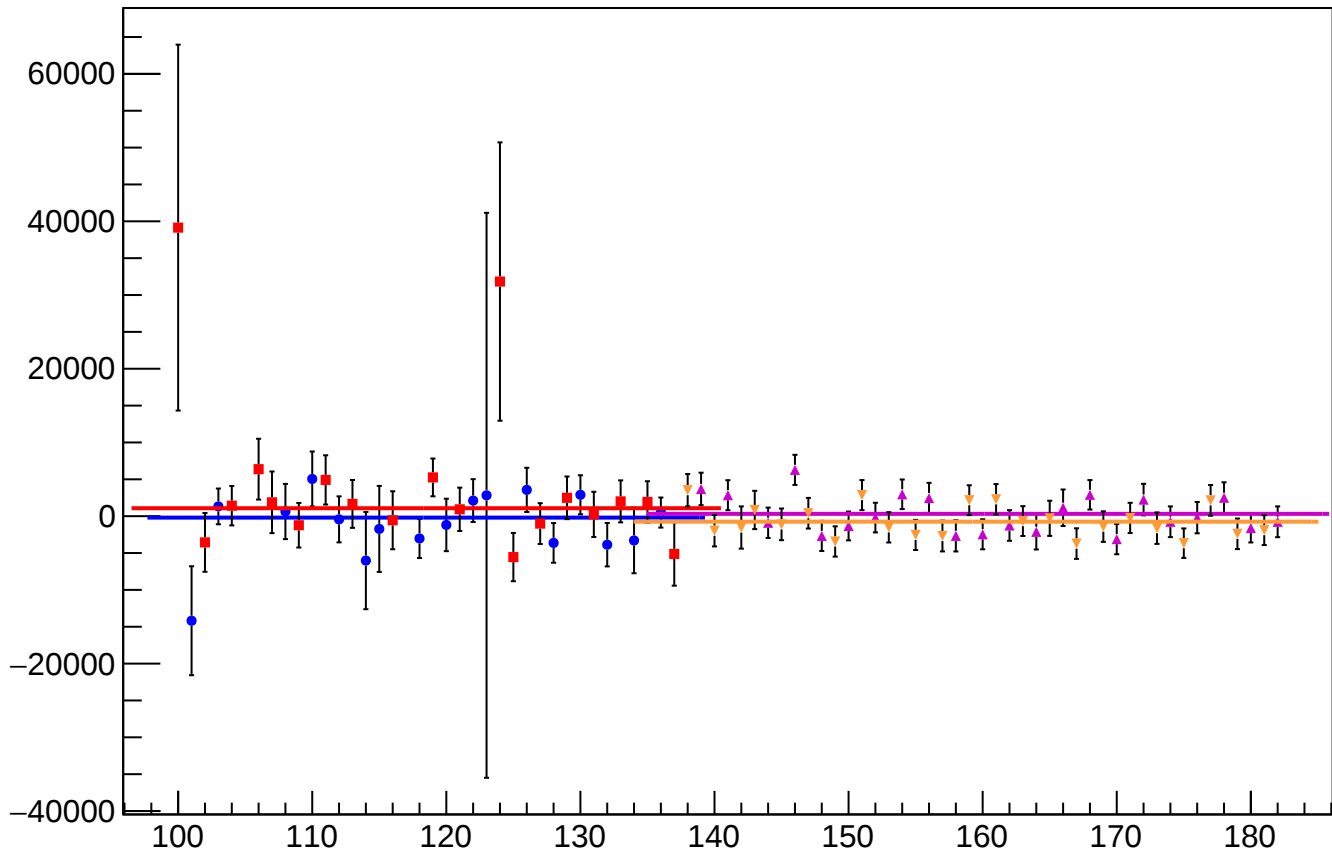
Left In: 1973.618 ± 0.338 $\chi^2/\text{NDF}: 115380.2/21$

+ sign 2028.646 ± 0.296 $\chi^2/\text{NDF}: 898746.7/39$

All: 2028.365 ± 0.209 $\chi^2/\text{NDF}: 1922326.4/80$

- sign 2028.084 ± 0.295 $\chi^2/\text{NDF}: 1023577.9/40$

reg_asym_at1_dd_mean vs Slug



Right In: -195.092 ± 784.368 χ^2/NDF : 15.4/16

Left Out: -747.280 ± 442.610 χ^2/NDF : 23.2/22

Right Out: 1078.628 ± 766.426 χ^2/NDF : 20.1/18

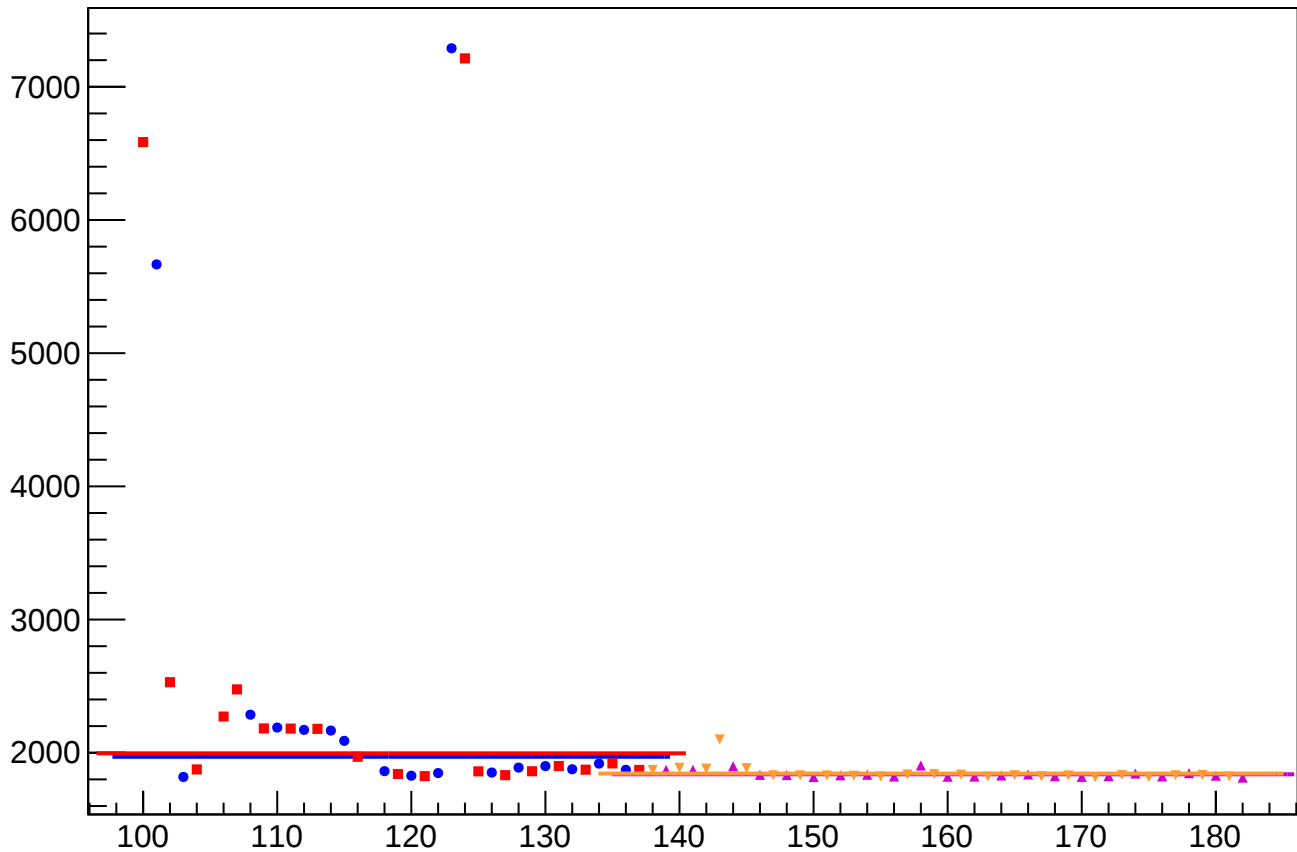
Left In: 313.149 ± 444.650 χ^2/NDF : 32.0/21

+ sign -613.917 ± 385.473 χ^2/NDF : 39.0/39

All: -52.745 ± 272.265 χ^2/NDF : 96.0/80

- sign 505.916 ± 384.609 χ^2/NDF : 52.8/40

reg_asym_at1_dd_rms vs Slug



Right In: 1969.951+/-0.555 χ^2/NDF : 602002.6/16

Left Out: 1843.964+/-0.313 χ^2/NDF : 24012.0/22

Right Out: 1995.751+/-0.542 χ^2/NDF : 354300.7/18

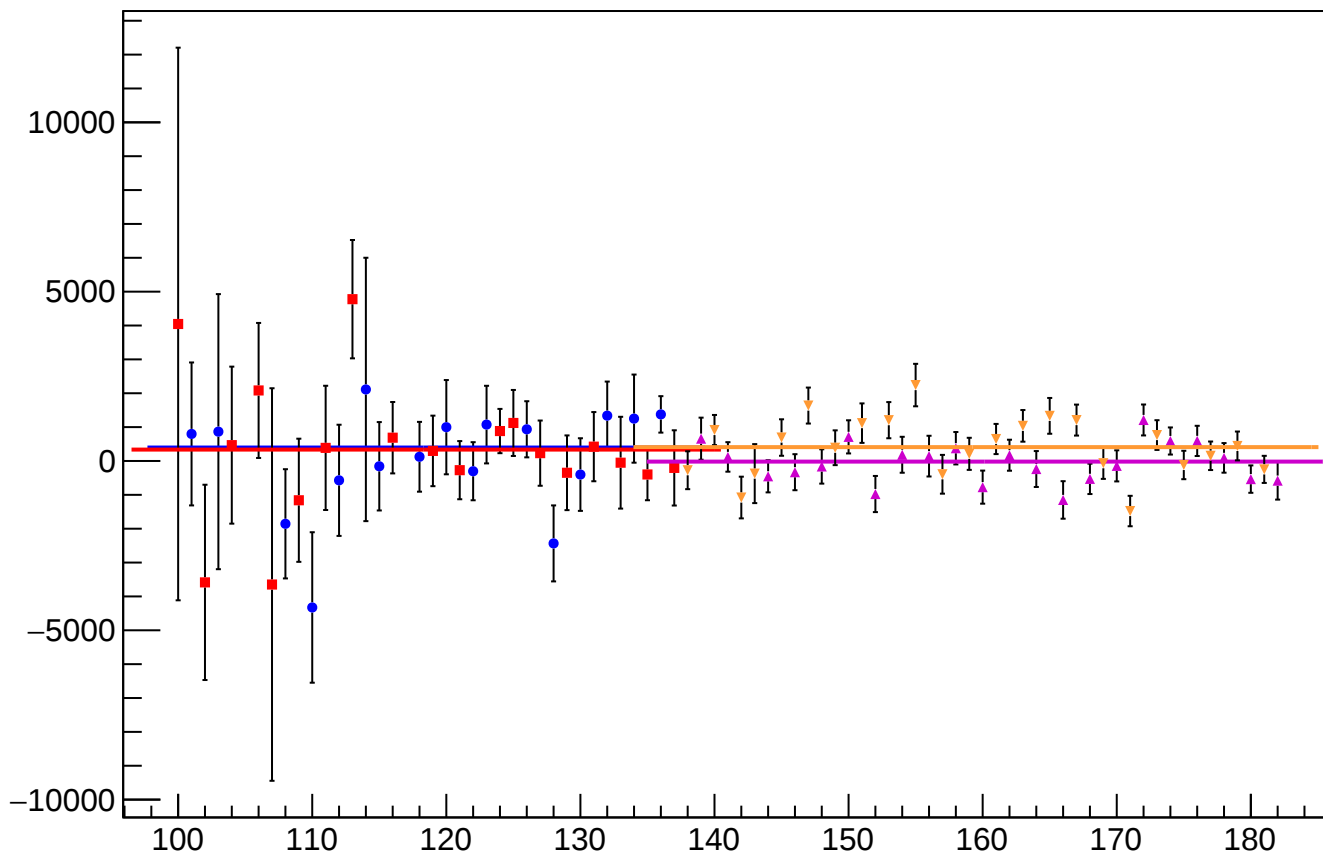
Left In: 1838.189+/-0.314 χ^2/NDF : 6217.1/21

+ sign 1874.392+/-0.273 χ^2/NDF : 665151.8/39

All: 1876.134+/-0.193 χ^2/NDF : 1088991.6/80

- sign 1877.868+/-0.272 χ^2/NDF : 423758.3/40

asym_at1_dd_correction_mean vs Slug



Right In: 396.702 $\pm$ 270.925 χ^2/NDF : 20.5/16

Left Out: 409.052 $\pm$ 102.409 χ^2/NDF : 61.6/22

Right Out: 336.277 $\pm$ 266.891 χ^2/NDF : 14.1/18

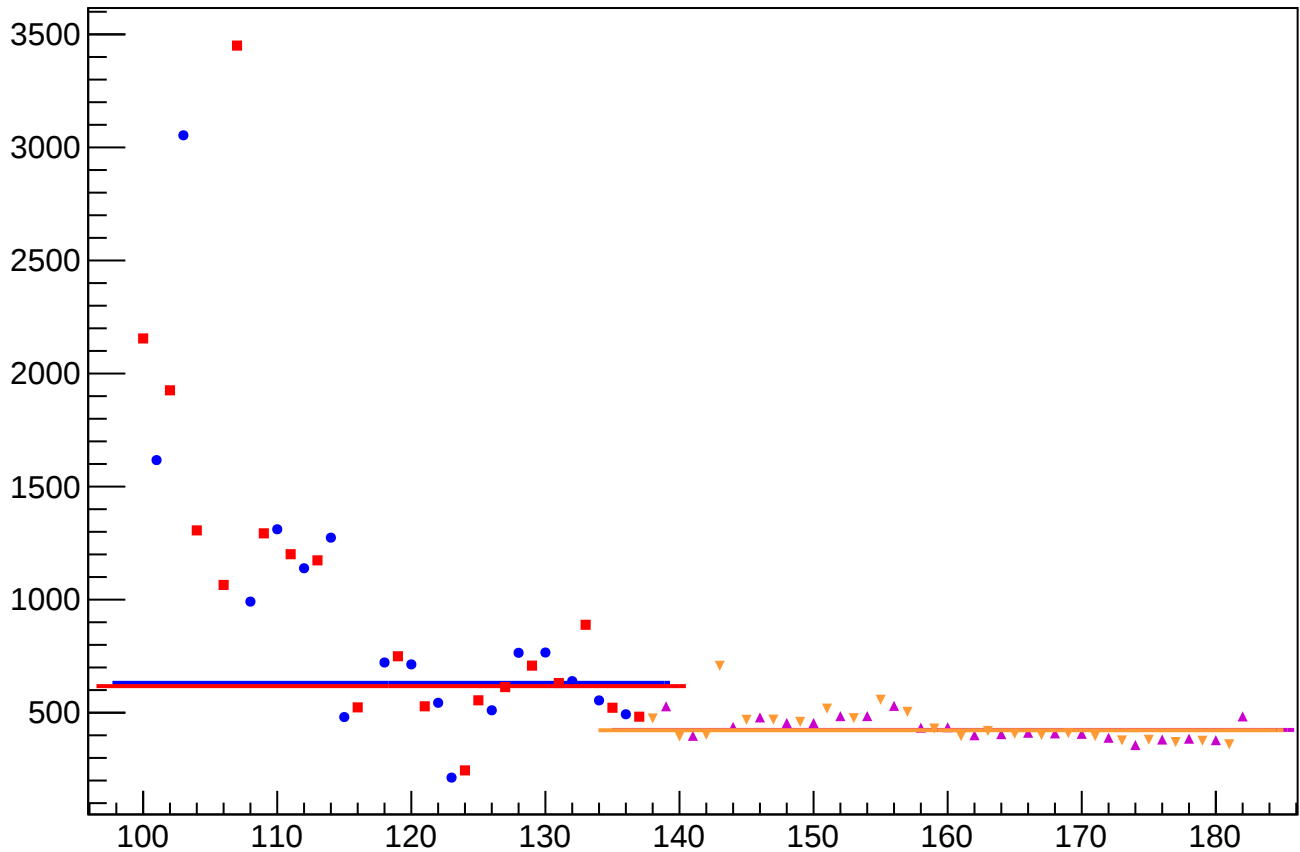
Left In: -18.626 $\pm$ 103.049 χ^2/NDF : 31.3/21

+ sign 407.508 $\pm$ 95.794 χ^2/NDF : 82.1/39

All: 218.134 $\pm$ 67.856 χ^2/NDF : 136.8/80

- sign 27.419 $\pm$ 96.133 χ^2/NDF : 46.9/40

asym_at1_dd_correction_rms vs Slug



Right In: 632.093 $\pm$ 0.192 χ^2 /NDF: 2258413.9/16

Left Out: 422.447 $\pm$ 0.072 χ^2 /NDF: 654764.1/22

Right Out: 617.519 $\pm$ 0.189 χ^2 /NDF: 2802398.1/18

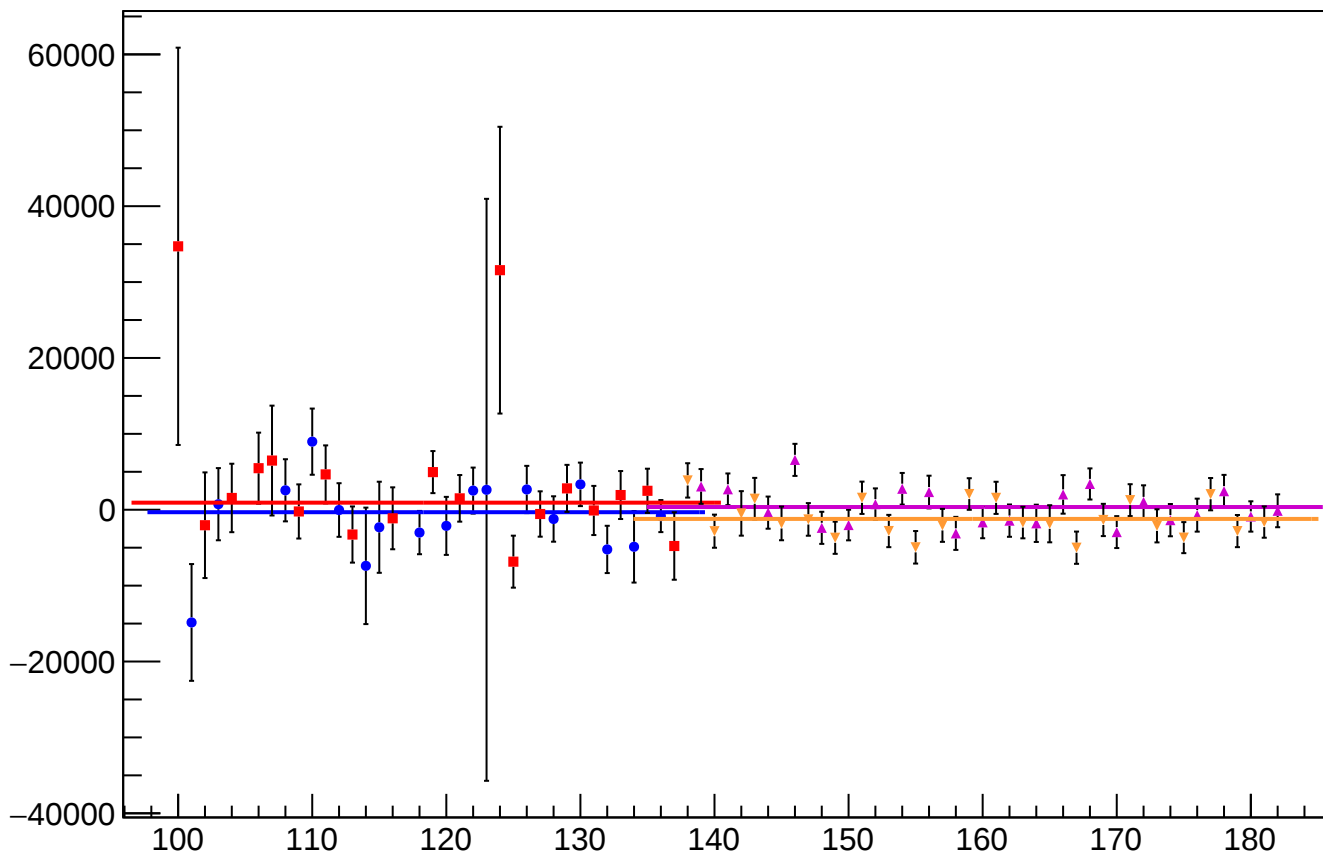
Left In: 423.838 $\pm$ 0.073 χ^2 /NDF: 381952.8/21

+ sign 448.657 $\pm$ 0.068 χ^2 /NDF: 3961036.8/39

All: 448.811 $\pm$ 0.048 χ^2 /NDF: 8062011.1/80

- sign 448.966 $\pm$ 0.068 χ^2 /NDF: 4100963.9/40

asym_at1_dd_mean vs Slug



Right In: -324.791 ± 874.352 χ^2/NDF : 17.7/16

Left Out: -1208.968 ± 455.636 χ^2/NDF : 27.0/22

Right Out: 932.195 ± 870.269 χ^2/NDF : 18.7/18

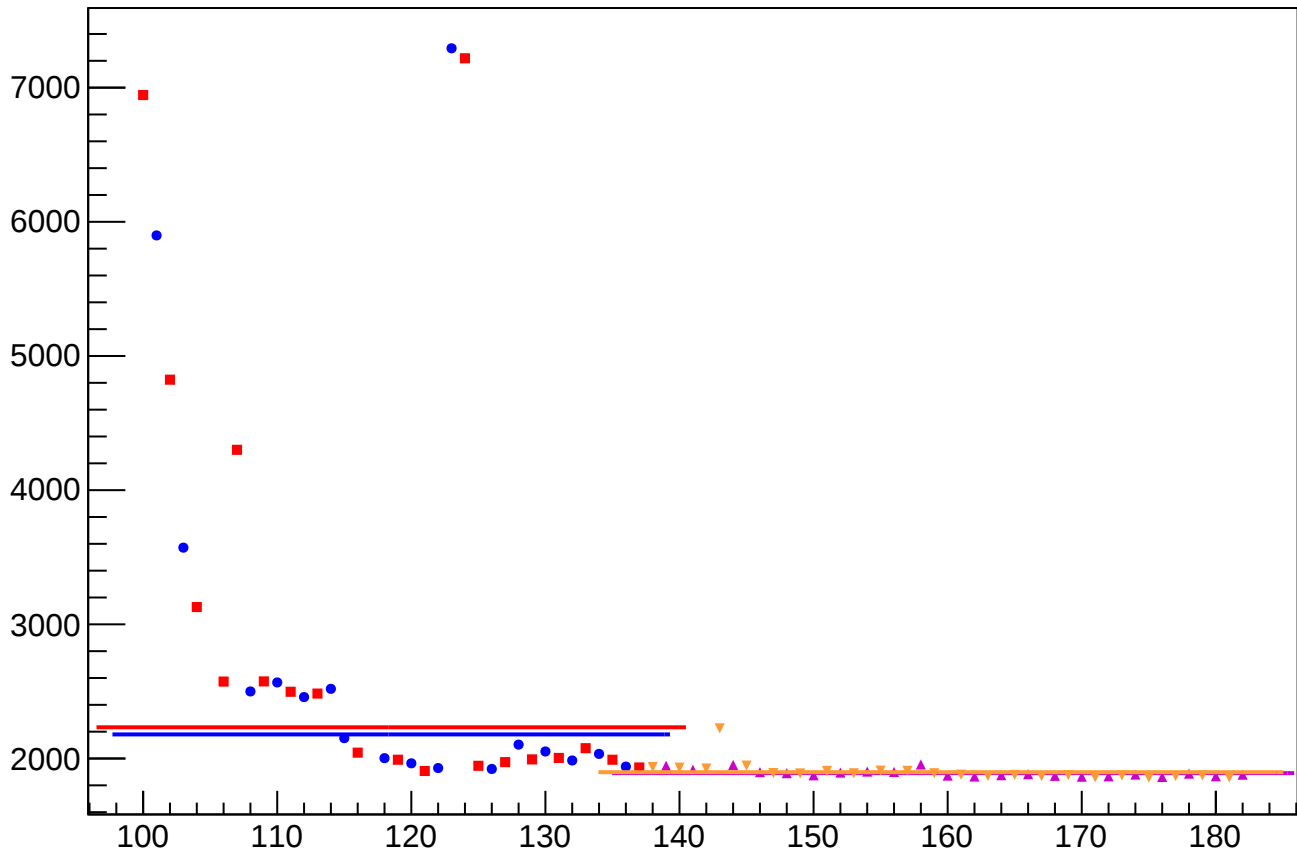
Left In: 358.725 ± 457.392 χ^2/NDF : 29.1/21

+ sign -1020.140 ± 404.064 χ^2/NDF : 45.5/39

All: -270.159 ± 286.004 χ^2/NDF : 100.6/80

- sign 482.848 ± 404.878 χ^2/NDF : 48.1/40

asym_at1_dd_rms vs Slug



Right In: 2179.524+/-0.618 χ^2/NDF : 800832.9/16

Left Out: 1898.110+/-0.322 χ^2/NDF : 35030.2/22

Right Out: 2232.584+/-0.615 χ^2/NDF : 892015.8/18

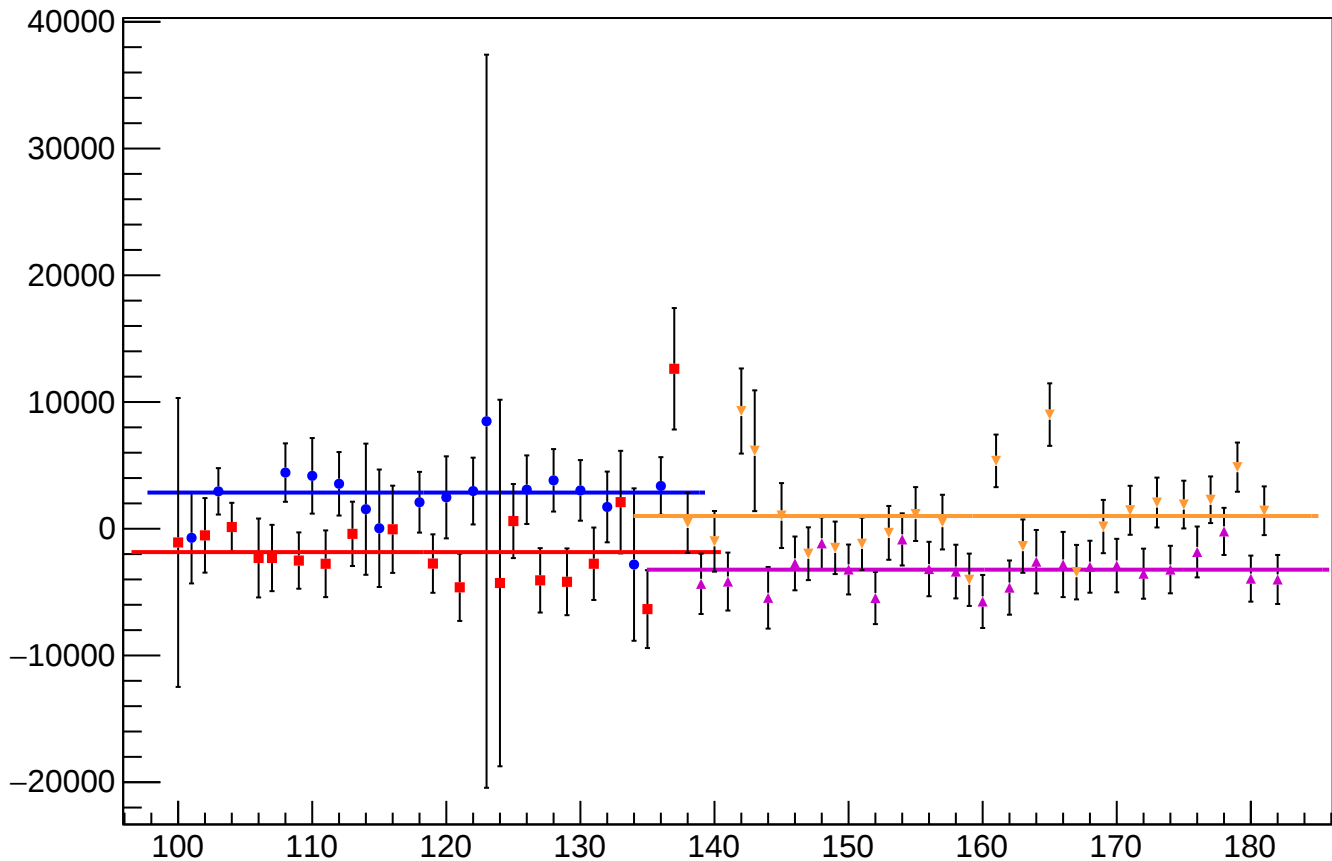
Left In: 1891.006+/-0.323 χ^2/NDF : 7120.0/21

+ sign 1958.210+/-0.286 χ^2/NDF : 998797.0/39

All: 1961.567+/-0.202 χ^2/NDF : 2139630.8/80

- sign 1964.938+/-0.286 χ^2/NDF : 1140557.2/40

reg_asym_at2_avg_mean vs Slug



Right In: 2855.433+/-680.542 χ^2/NDF : 3.6/16

Left Out: 1004.549+/-450.190 χ^2/NDF : 44.7/22

Right Out: -1842.875+/-656.991 χ^2/NDF : 18.0/18

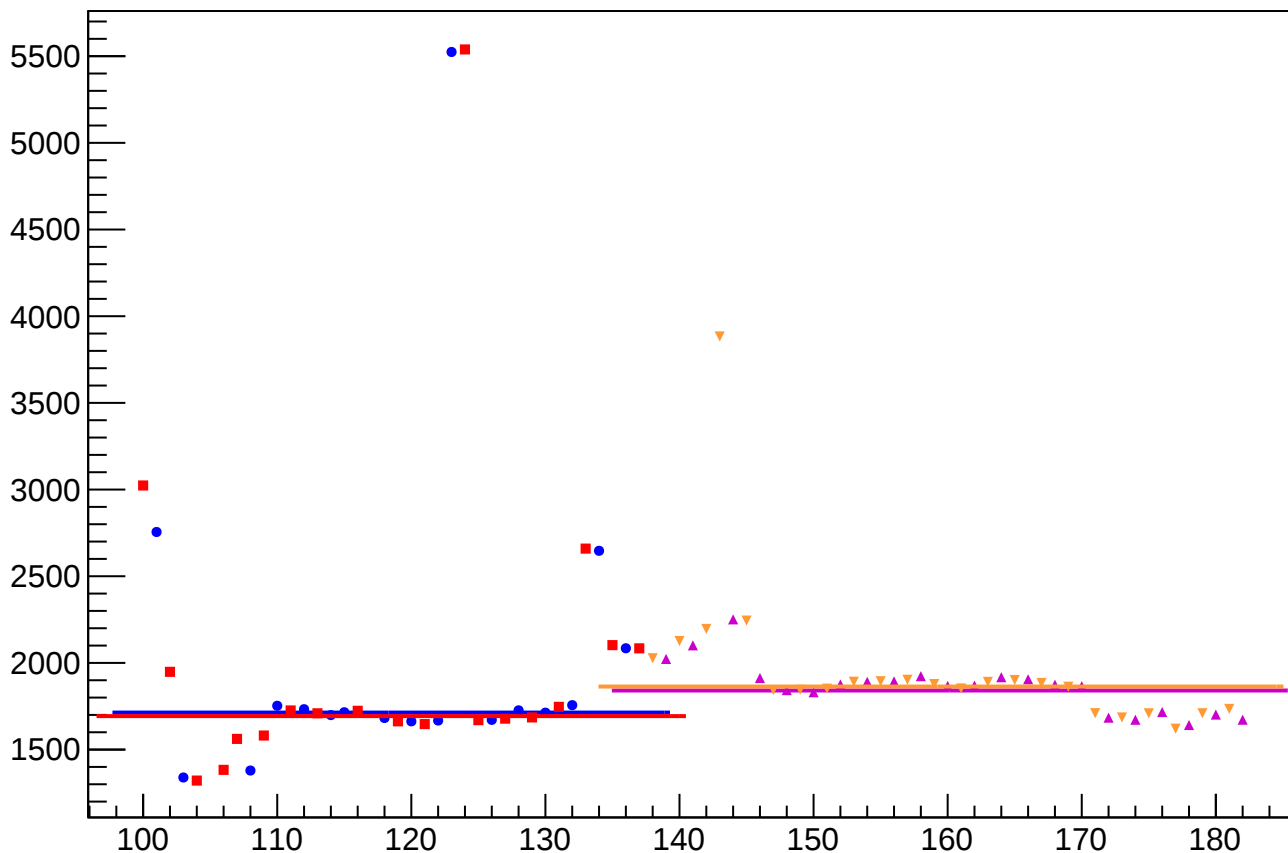
Left In: -3229.201+/-445.674 χ^2/NDF : 10.3/21

+ sign 1567.955+/-375.471 χ^2/NDF : 53.4/39

All: -651.127+/-263.115 χ^2/NDF : 153.4/80

- sign -2792.305+/-368.821 χ^2/NDF : 31.3/40

reg_asym_at2_avg_rms vs Slug



Right In: 1713.549+/-0.481 χ^2/NDF : 432300.3/16

Left Out: 1863.685+/-0.318 χ^2/NDF : 558571.8/22

Right Out: 1693.096+/-0.465 χ^2/NDF : 454659.7/18

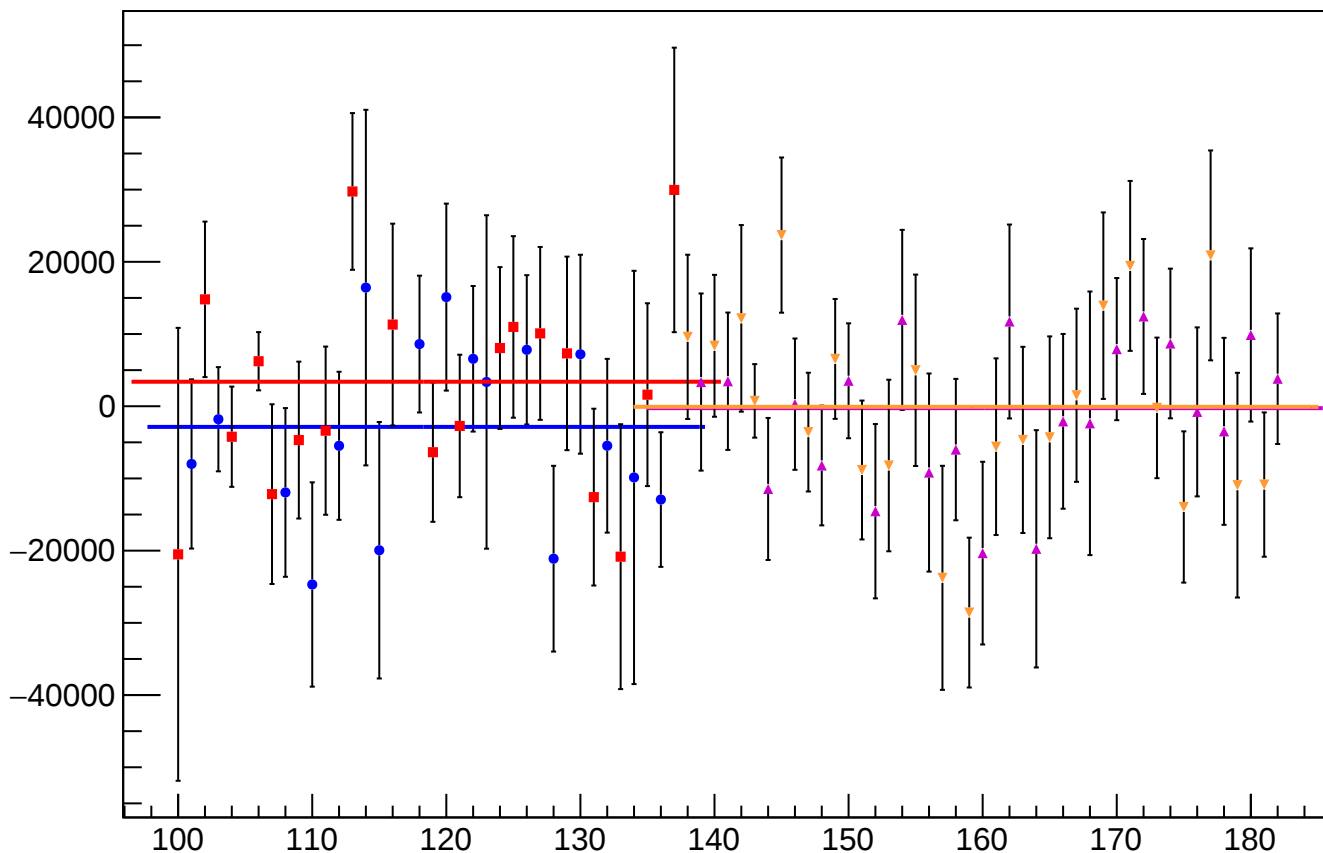
Left In: 1840.821+/-0.315 χ^2/NDF : 193803.3/21

+ sign 1817.984+/-0.265 χ^2/NDF : 1058581.9/39

All: 1805.913+/-0.186 χ^2/NDF : 1780356.8/80

- sign 1794.266+/-0.261 χ^2/NDF : 717713.4/40

asym_at2_avg_correction_mean vs Slug



Right In: -2861.382 ± 2859.849 χ^2/NDF : 14.0/16

Left Out: -81.017 ± 2160.789 χ^2/NDF : 29.3/22

Right Out: 3395.034 ± 2269.782 χ^2/NDF : 19.7/18

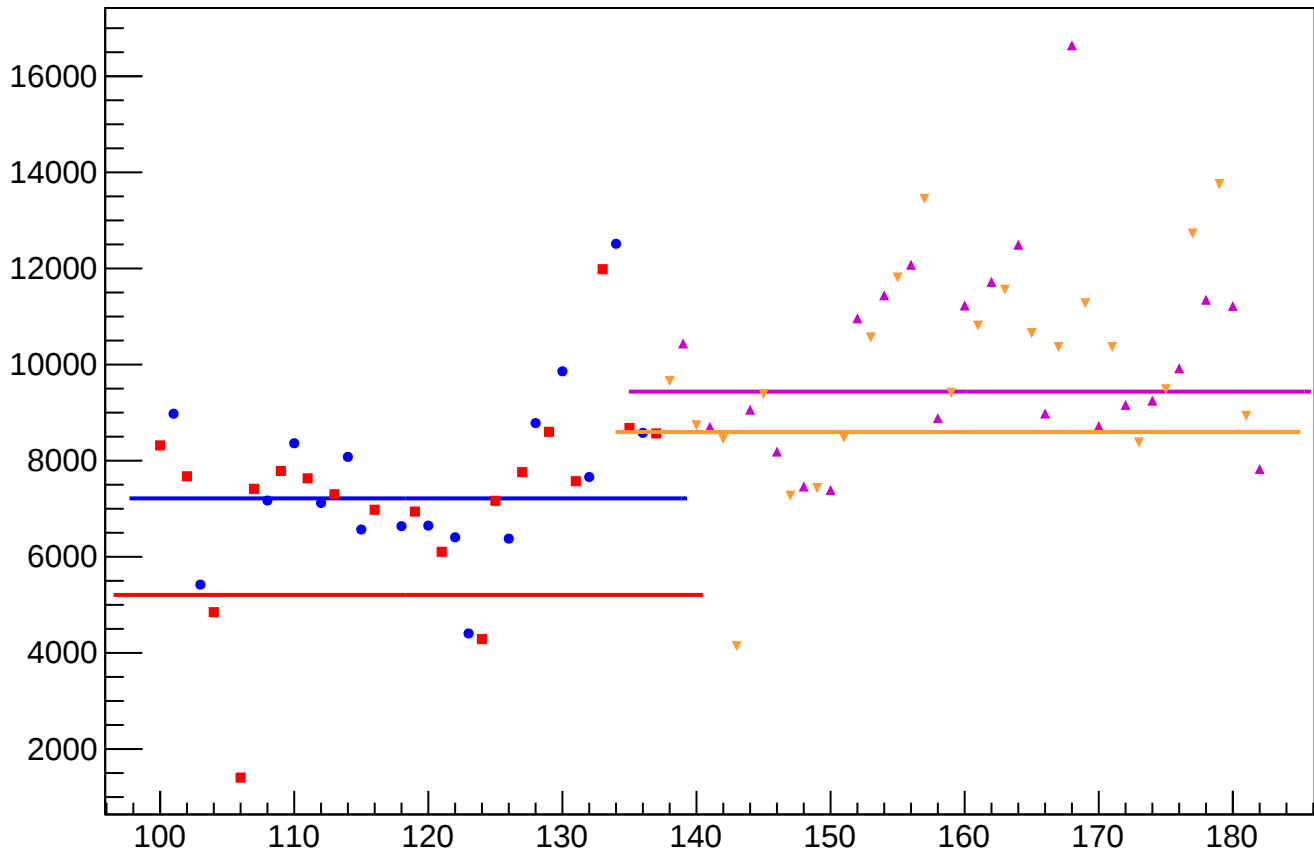
Left In: -266.981 ± 2321.225 χ^2/NDF : 14.4/21

+ sign -1091.432 ± 1724.019 χ^2/NDF : 43.9/39

All: 338.237 ± 1181.680 χ^2/NDF : 80.6/80

- sign 1605.055 ± 1622.860 χ^2/NDF : 35.4/40

asym_at2_avg_correction_rms vs Slug



Right In: 7215.564 $\pm$ 2.022 χ^2 /NDF: 471682.0/16

Left Out: 8597.586 $\pm$ 1.528 χ^2 /NDF: 2821408.8/22

Right Out: 5206.982 $\pm$ 1.605 χ^2 /NDF: 3196167.0/18

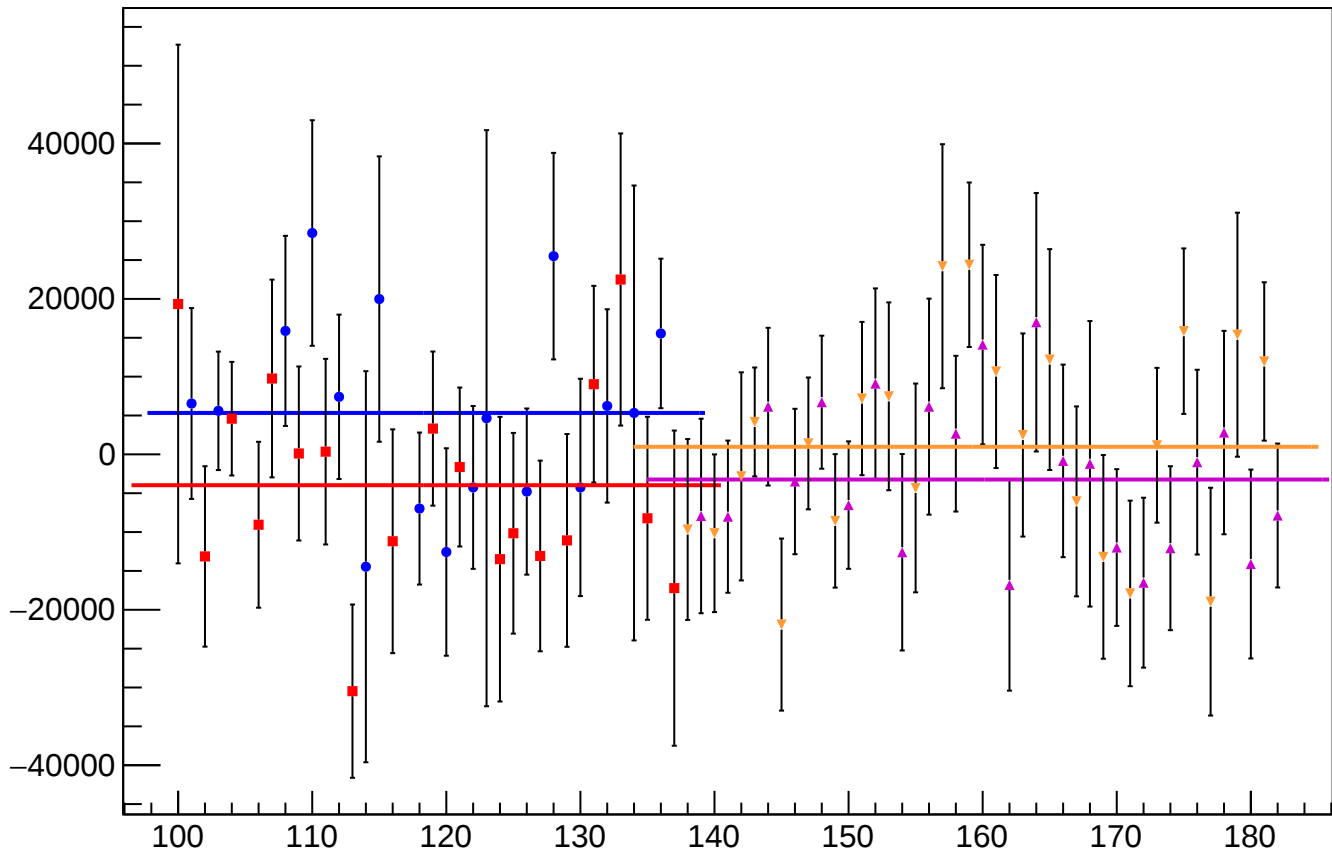
Left In: 9437.351 $\pm$ 1.641 χ^2 /NDF: 1124502.7/21

+ sign 8095.344 $\pm$ 1.219 χ^2 /NDF: 3590417.0/39

All: 7660.279 $\pm$ 0.836 χ^2 /NDF: 11547142.4/8

- sign 7274.771 $\pm$ 1.148 χ^2 /NDF: 7716500.0/40

asym_at2_avg_mean vs Slug



Right In: 5329.954 $\pm$ 2979.601 χ^2 /NDF: 13.6/16

Left Out: 970.414 $\pm$ 2303.956 χ^2 /NDF: 26.8/22

Right Out: -3971.333 $\pm$ 2795.963 χ^2 /NDF: 15.5/18

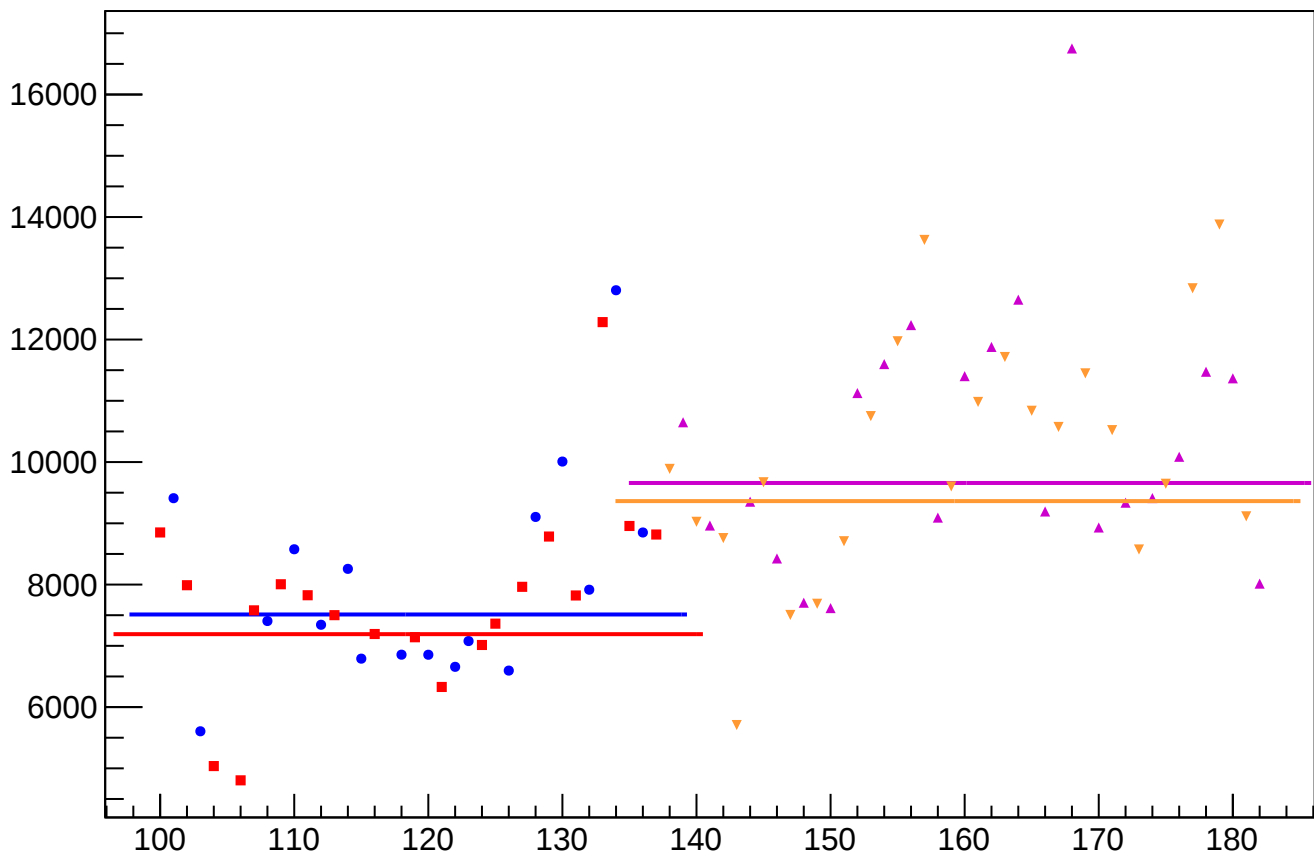
Left In: -3239.424 $\pm$ 2372.583 χ^2 /NDF: 13.7/21

+ sign 2601.669 $\pm$ 1822.631 χ^2 /NDF: 41.8/39

All: -495.090 $\pm$ 1283.961 χ^2 /NDF: 76.8/80

- sign -3545.824 $\pm$ 1809.036 χ^2 /NDF: 29.3/40

asym_at2_avg_rms vs Slug



Right In: 7511.954+/-2.107 χ^2/NDF : 430092.6/16

Left Out: 9362.552+/-1.629 χ^2/NDF :1490138.3/22

Right Out: 7190.607+/-1.977 χ^2/NDF : 559177.4/18

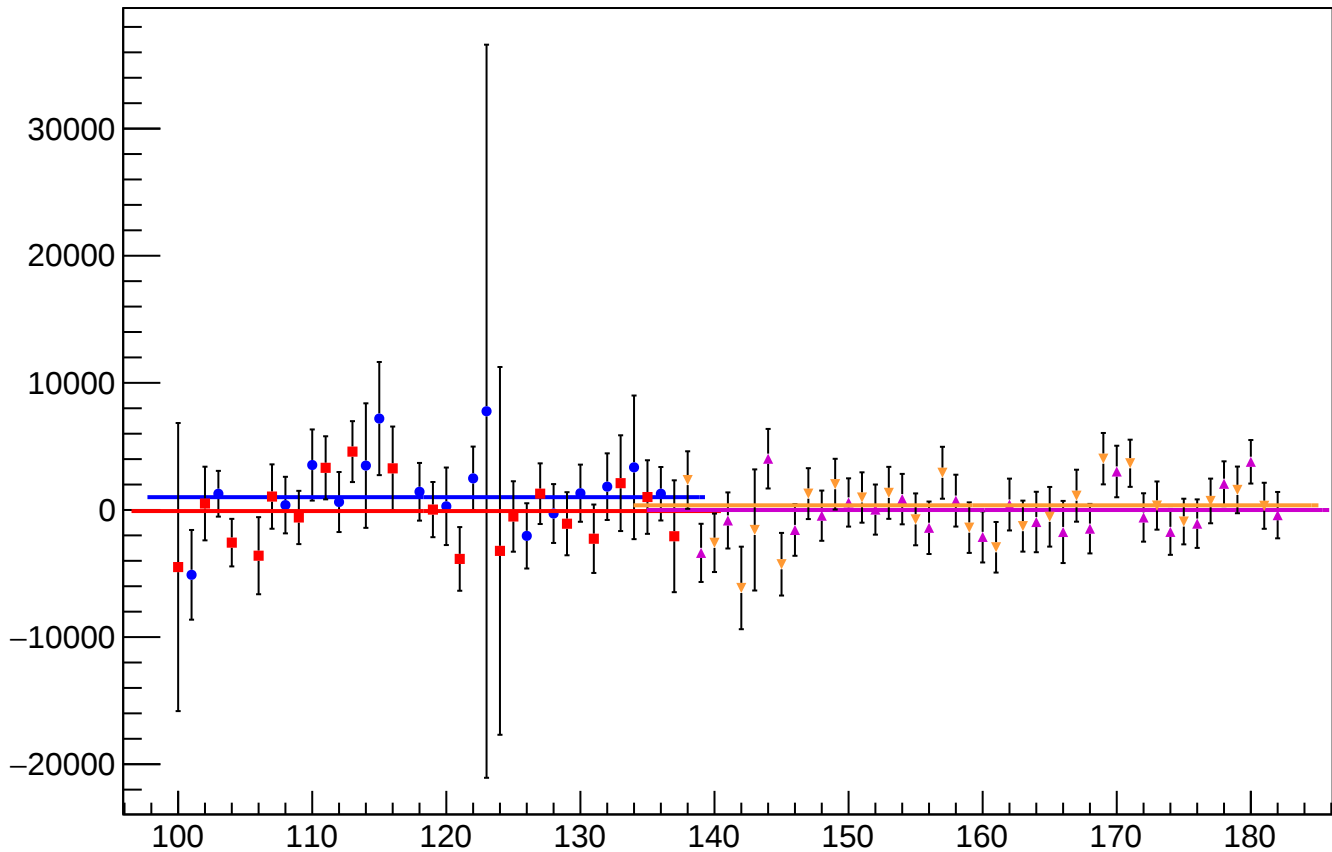
Left In: 9658.532+/-1.678 χ^2/NDF :1051351.8/21

+ sign 8670.072+/-1.289 χ^2/NDF : 2403068.4/39

All: 8647.480+/-0.908 χ^2/NDF : 4920248.7/80

- sign 8625.227+/-1.279 χ^2/NDF : 2516570.4/40

reg_asym_at2_dd_mean vs Slug



Right In: 1007.483 $\pm$ 646.543 χ^2 /NDF: 8.6/16

Left Out: 366.429 $\pm$ 430.845 χ^2 /NDF: 25.2/22

Right Out: -85.858 $\pm$ 625.192 χ^2 /NDF: 14.5/18

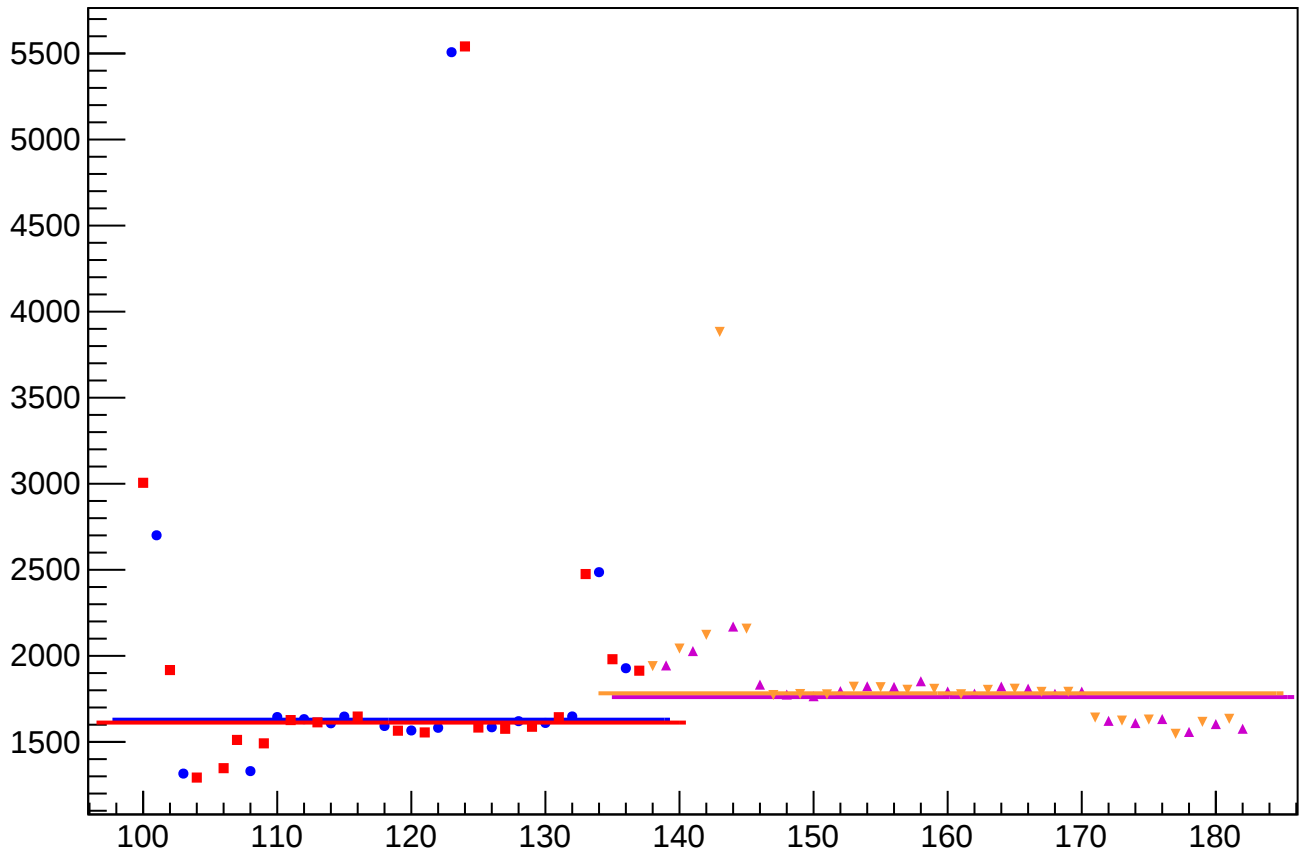
Left In: -3.994 $\pm$ 426.382 χ^2 /NDF: 19.1/21

+ sign 563.559 $\pm$ 358.532 χ^2 /NDF: 34.5/39

All: 261.550 $\pm$ 251.273 χ^2 /NDF: 69.4/80

- sign -29.983 $\pm$ 352.259 χ^2 /NDF: 33.5/40

reg_asym_at2_dd_rms vs Slug



Right In: 1629.197 $\pm$ 0.457 χ^2 /NDF: 406744.5/16

Left Out: 1782.457 $\pm$ 0.305 χ^2 /NDF: 600290.9/22

Right Out: 1612.347 $\pm$ 0.442 χ^2 /NDF: 433525.9/18

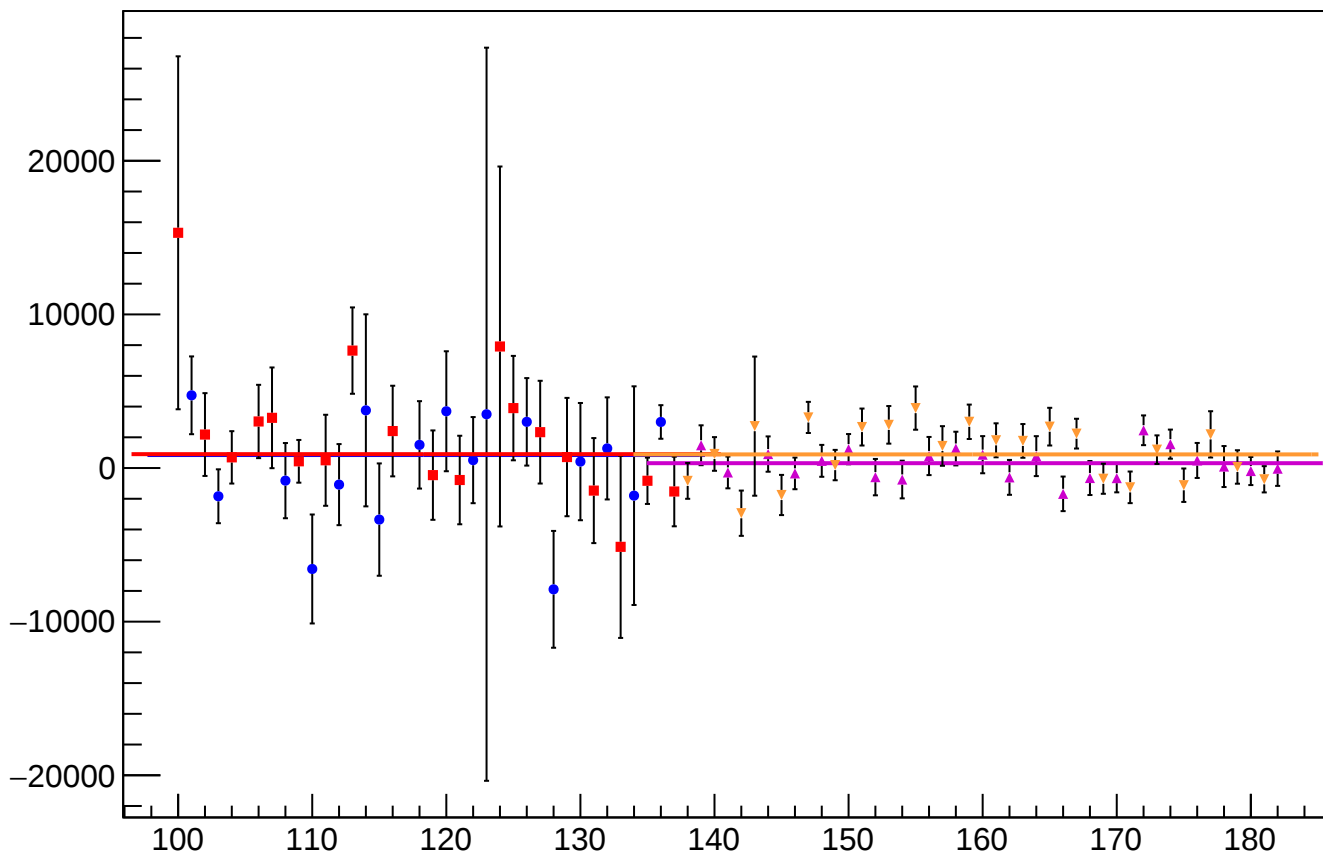
Left In: 1760.547 $\pm$ 0.301 χ^2 /NDF: 214874.2/21

+ sign 1735.328 $\pm$ 0.254 χ^2 /NDF: 1084858.0/39

All: 1724.221 $\pm$ 0.178 χ^2 /NDF: 1813736.3/80

- sign 1713.499 $\pm$ 0.249 χ^2 /NDF: 725105.7/40

asym_at2_dd_correction_mean vs Slug



Right In: 846.430 $\pm$ 632.780 χ^2 /NDF: 22.1/16

Left Out: 887.443 $\pm$ 236.128 χ^2 /NDF:53.1/22

Right Out: 903.032 $\pm$ 590.474 χ^2 /NDF: 15.1/18

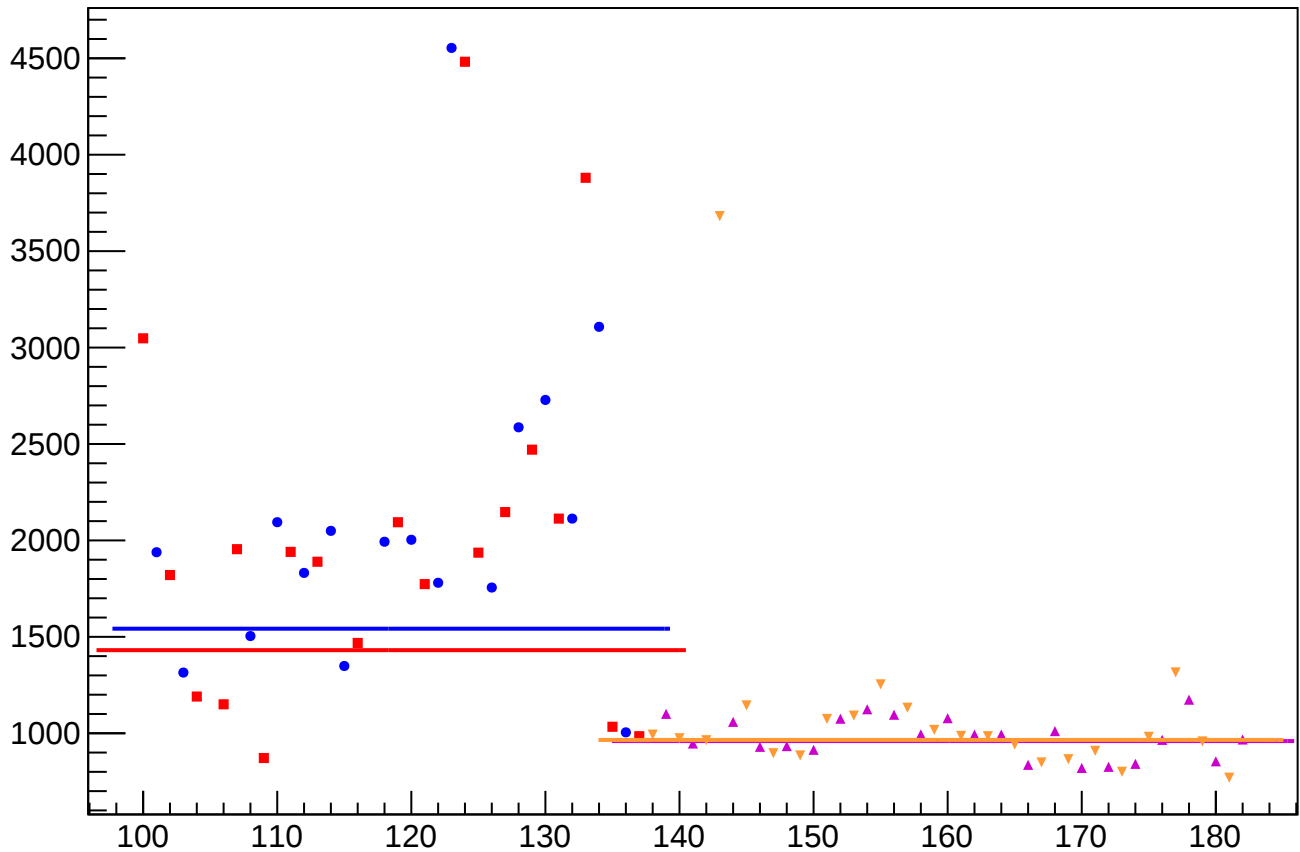
Left In: 315.367 $\pm$ 233.287 χ^2 /NDF:18.0/21

+ sign 882.430 $\pm$ 221.227 χ^2 /NDF: 75.3/39

All: 633.830 $\pm$ 154.903 χ^2 /NDF: 111.8/80

- sign 394.712 $\pm$ 216.967 χ^2 /NDF: 34.0/40

asym_at2_dd_correction_rms vs Slug



Right In: 1542.291+/-0.447 χ^2/NDF : 1293220.0/16

Left Out: 965.476+/-0.167 χ^2/NDF : 1274148.9/22

+ sign 1035.979+/-0.156 χ^2/NDF : 4026116.9/39

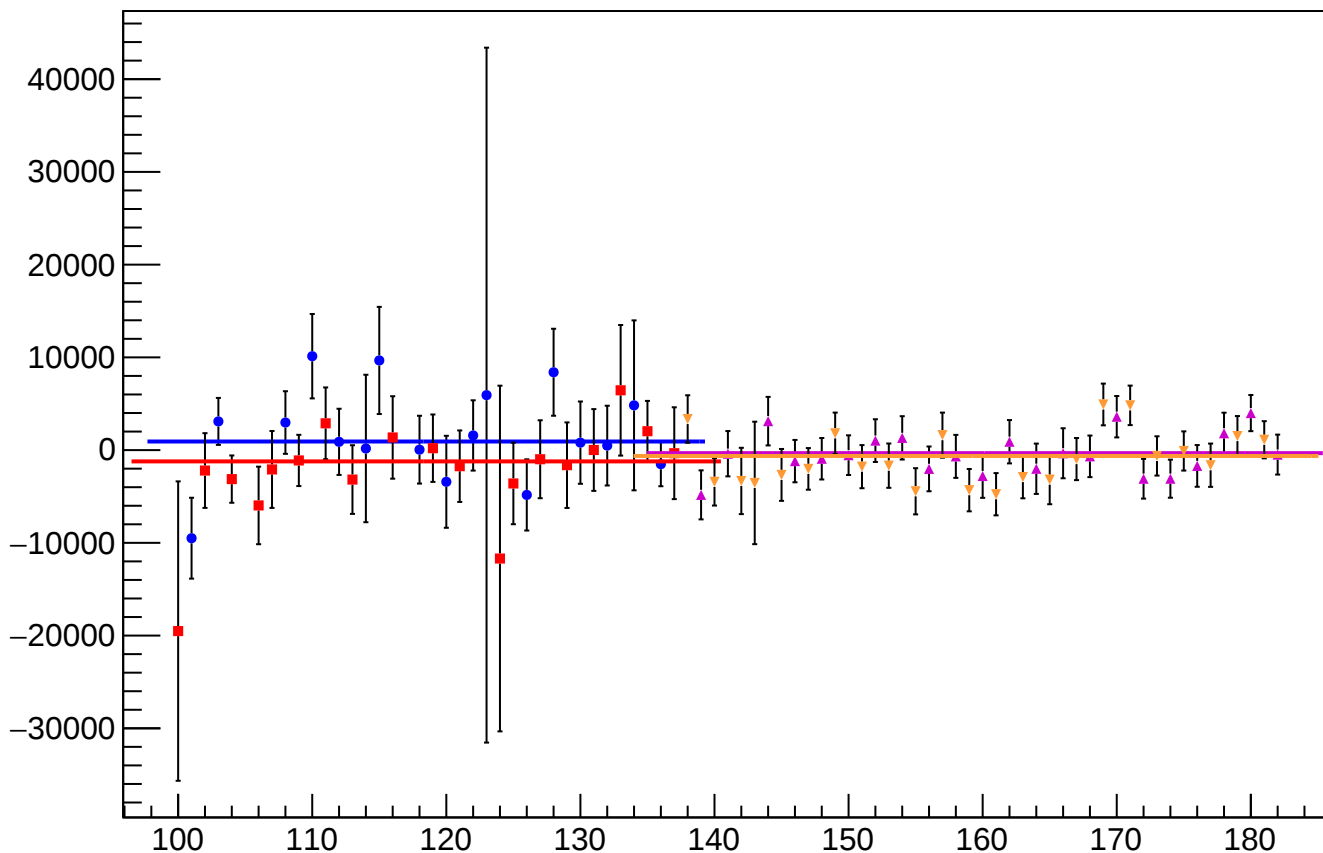
Right Out: 1430.966+/-0.418 χ^2/NDF : 1823025.4/18

All: 1029.484+/-0.110 χ^2/NDF : 7326096.7/80

Left In: 959.593+/-0.165 χ^2/NDF : 371108.5/21

- sign 1023.236+/-0.153 χ^2/NDF : 3296597.7/40

asym_at2_dd_mean vs Slug



Right In: 928.405 ± 970.555 χ^2/NDF : 20.1/16

Left Out: -631.202 ± 497.042 χ^2/NDF : 32.6/22

Right Out: -1216.382 ± 927.249 χ^2/NDF : 8.1/18

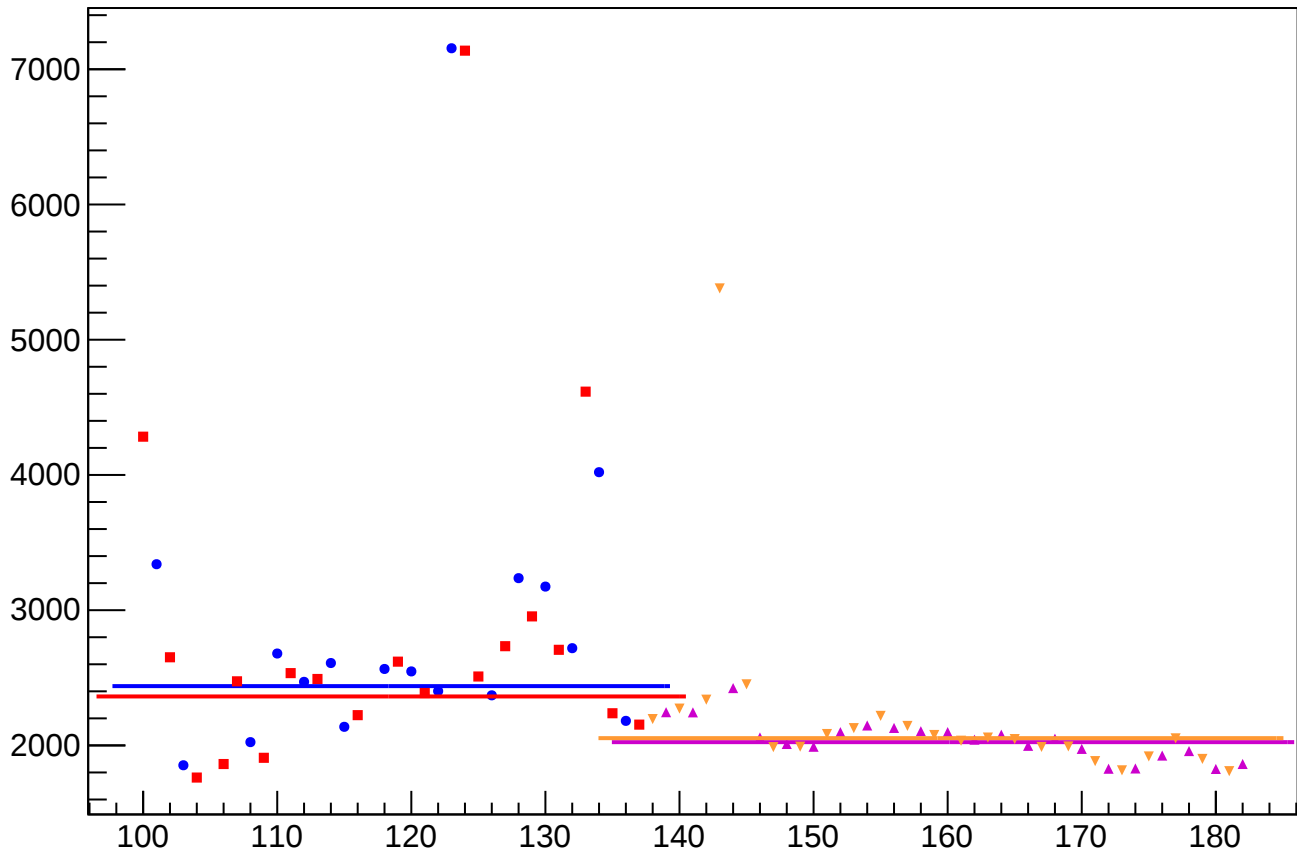
Left In: -327.685 ± 489.878 χ^2/NDF : 20.8/21

+ sign -307.154 ± 442.402 χ^2/NDF : 54.8/39

All: -416.648 ± 309.501 χ^2/NDF : 84.5/80

- sign -521.607 ± 433.145 χ^2/NDF : 29.6/40

asym_at2_dd_rms vs Slug



Right In: 2438.478+/-0.686 χ^2/NDF : 474942.5/16

Left Out: 2053.751+/-0.351 χ^2/NDF : 687753.9/22

Right Out: 2362.082+/-0.656 χ^2/NDF : 657383.2/18

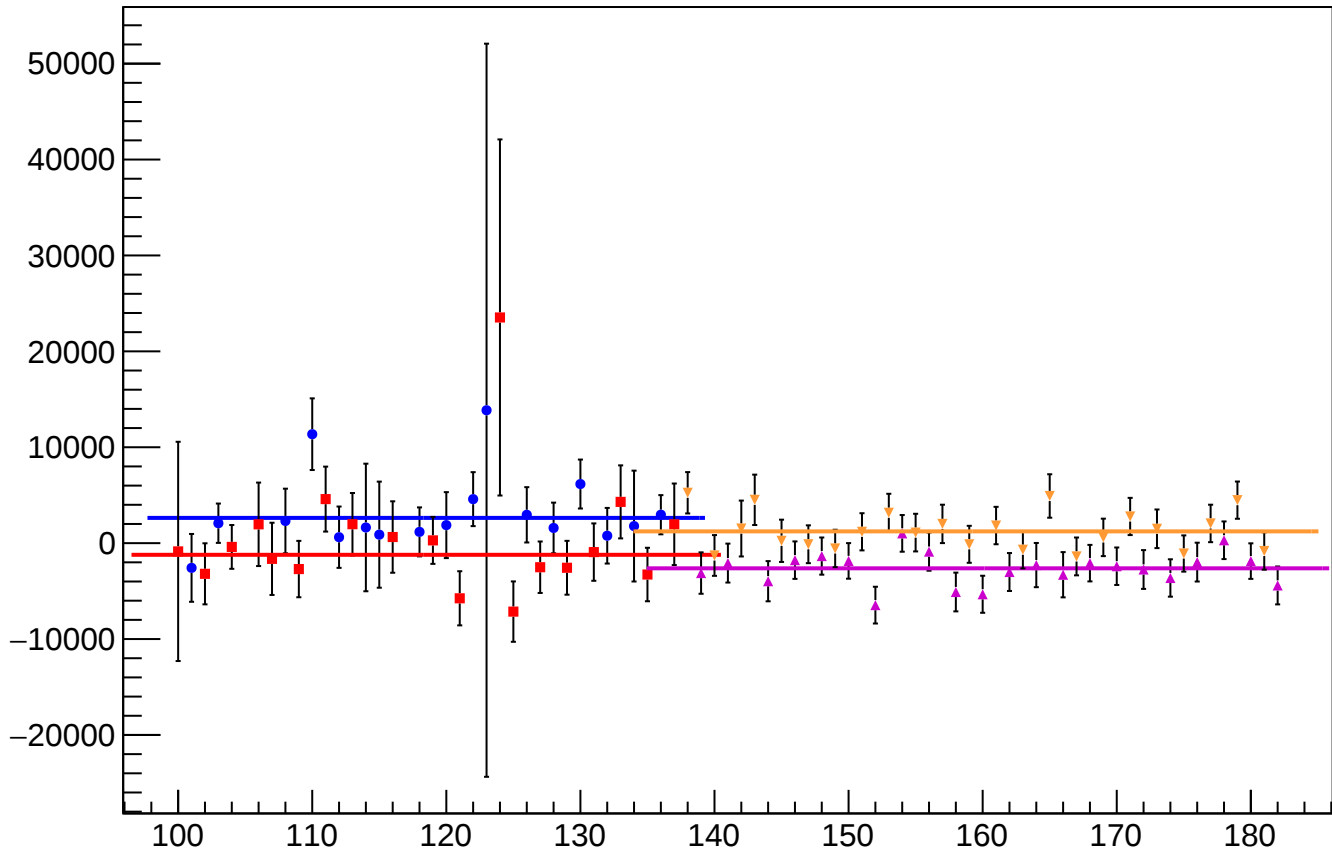
Left In: 2024.190+/-0.346 χ^2/NDF : 168626.6/21

+ sign 2133.688+/-0.313 χ^2/NDF : 1411665.5/39

All: 2115.427+/-0.219 χ^2/NDF : 2451977.6/80

- sign 2097.922+/-0.306 χ^2/NDF : 1033637.9/40

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2633.941 $\pm$ 745.154 χ^2 /NDF: 11.7/16

Left Out: 1227.754 $\pm$ 424.479 χ^2 /NDF:21.4/22

Right Out: -1215.611 $\pm$ 741.742 χ^2 /NDF: 17.4/18

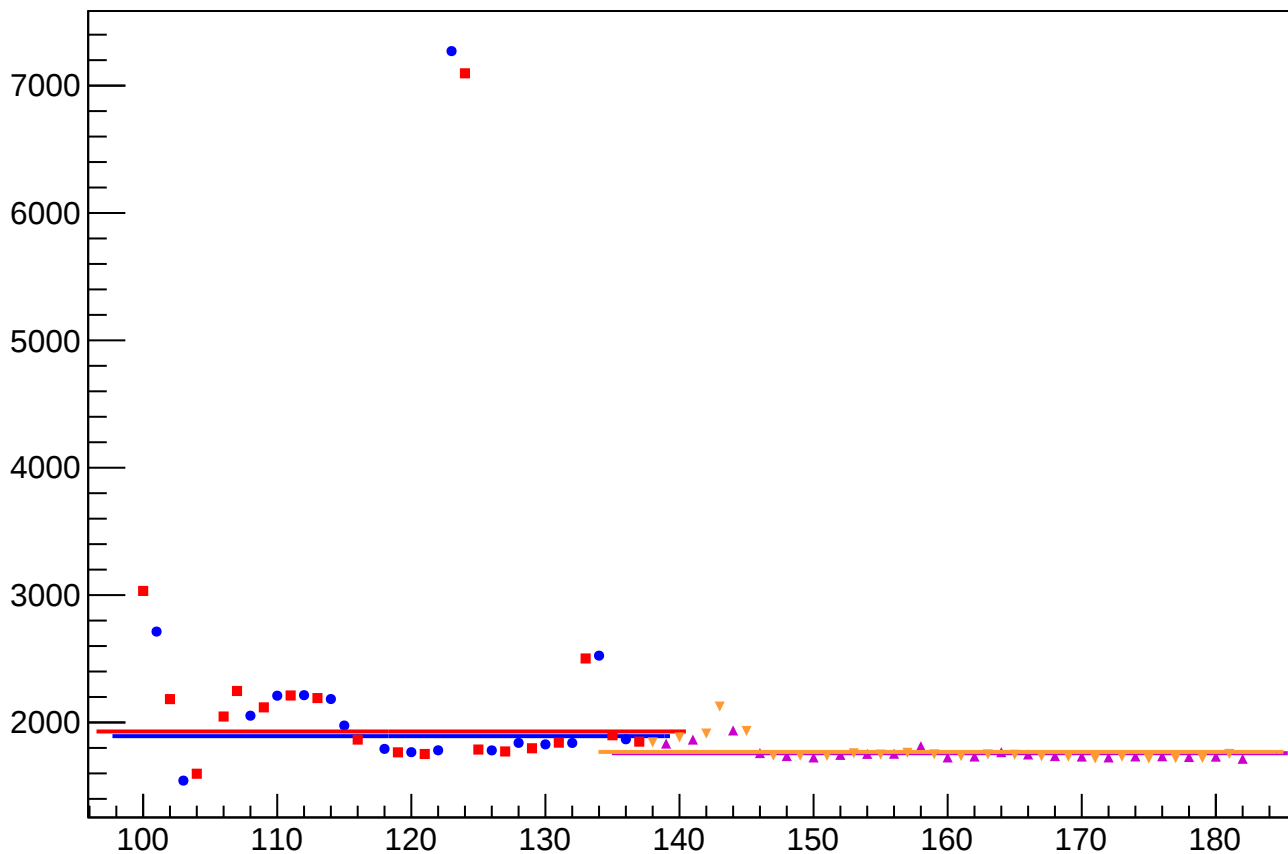
Left In: -2624.395 $\pm$ 425.073 χ^2 /NDF:17.0/21

+ sign 1572.270 $\pm$ 368.833 χ^2 /NDF: 35.8/39

All: -352.064 $\pm$ 260.794 χ^2 /NDF: 127.4/80

- sign -2276.111 $\pm$ 368.805 χ^2 /NDF: 37.1/40

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1892.368+/-0.527 χ^2/NDF : 287730.3/16

Left Out: 1768.656+/-0.300 χ^2/NDF : 71430.3/22

Right Out: 1929.250+/-0.524 χ^2/NDF : 360280.1/18

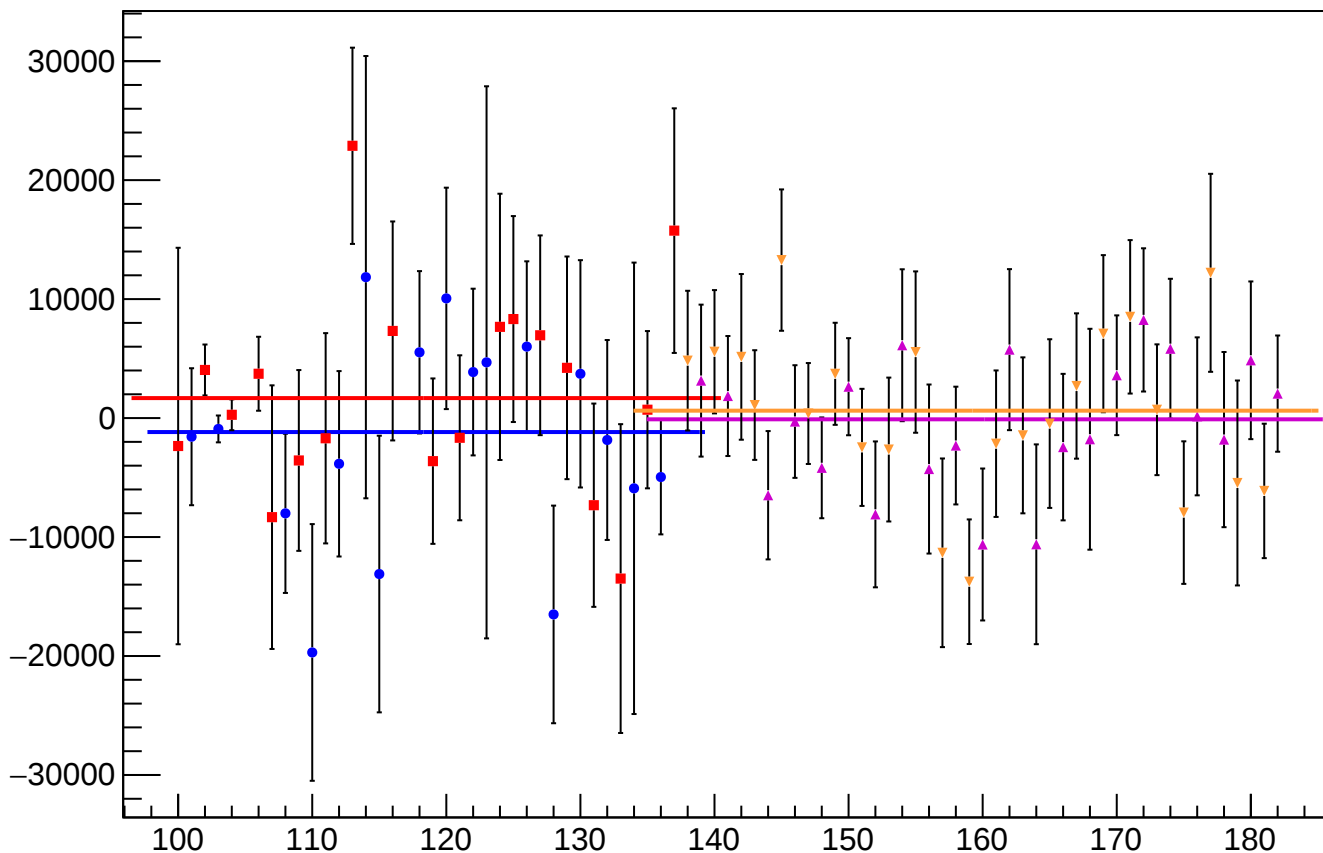
Left In: 1758.524+/-0.301 χ^2/NDF : 29673.2/21

+ sign 1798.966+/-0.261 χ^2/NDF : 400781.4/39

All: 1799.899+/-0.184 χ^2/NDF : 870711.7/80

- sign 1800.832+/-0.261 χ^2/NDF : 469904.7/40

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1175.288 ± 985.256 χ^2/NDF : 13.5/16

Left Out: 622.442 ± 1213.998 χ^2/NDF : 26.7/22

Right Out: 1679.065 ± 942.057 χ^2/NDF : 17.8/18

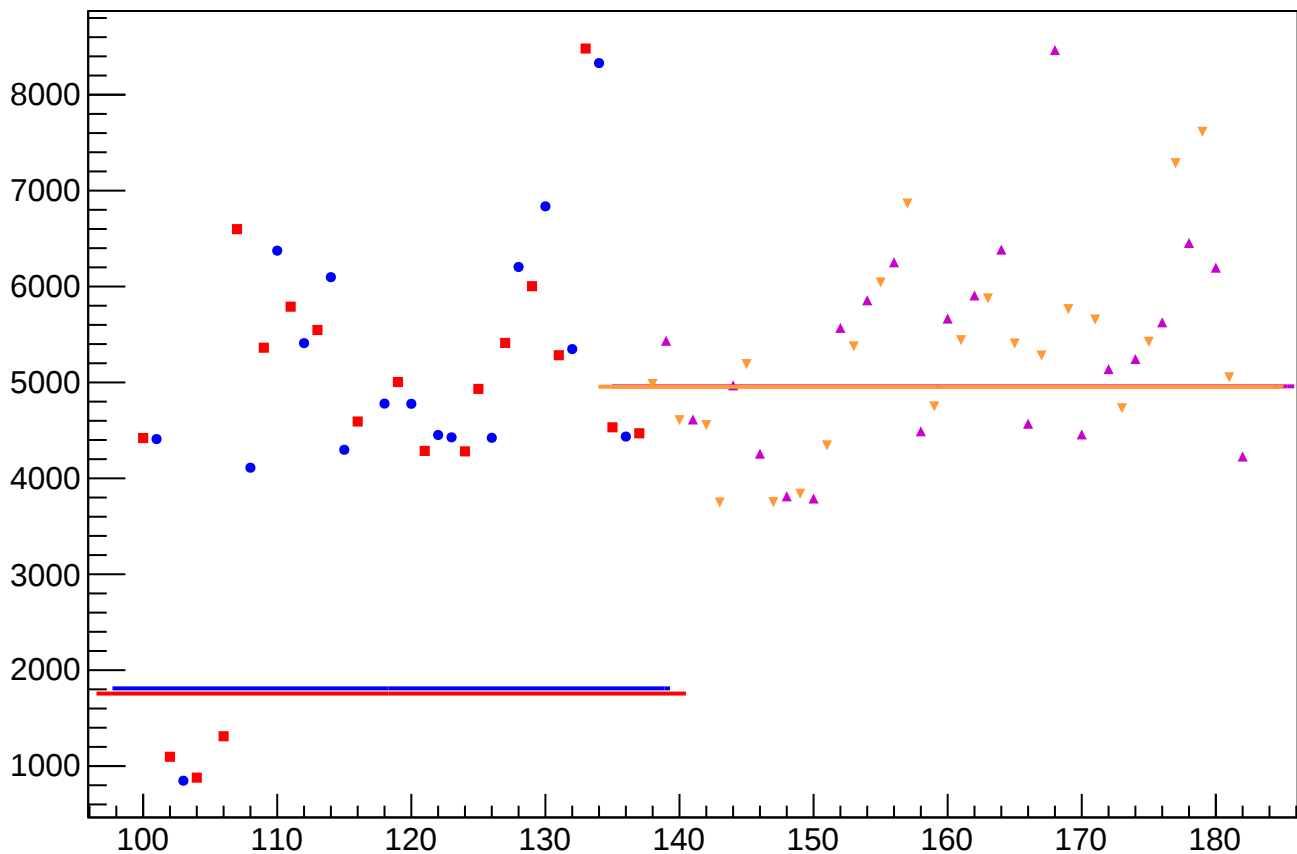
Left In: -105.056 ± 1221.035 χ^2/NDF : 15.9/21

+ sign -461.402 ± 765.016 χ^2/NDF : 41.5/39

All: 294.654 ± 534.050 χ^2/NDF : 78.5/80

- sign 1013.341 ± 745.870 χ^2/NDF : 35.1/40

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1810.087 $\pm$ 0.697 χ^2 /NDF: 6438570.3/16

Left Out: 4955.487 $\pm$ 0.858 χ^2 /NDF:1146569.6/22

Right Out: 1756.198 $\pm$ 0.666 χ^2 /NDF: 6295444.5/18

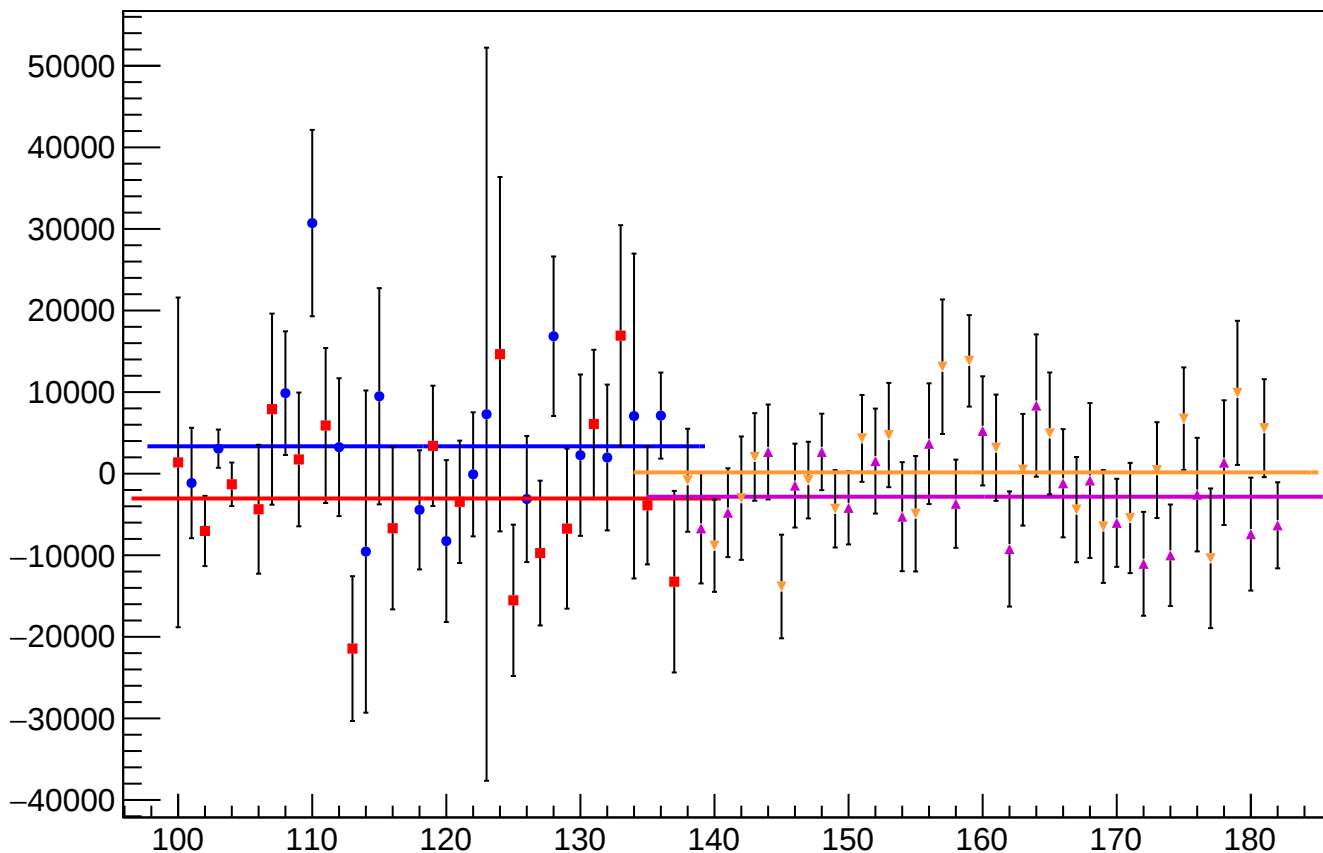
Left In: 4959.484 $\pm$ 0.863 χ^2 /NDF:1176931.7/21

+ sign 3059.138 $\pm$ 0.541 χ^2 /NDF: 15679601.9/39

All: 3003.938 $\pm$ 0.378 χ^2 /NDF: 31800814.3/8

- sign 2951.467 $\pm$ 0.527 χ^2 /NDF: 16100901.8/40

asym_atl1r2_avg_mean vs Slug



Right In: 3354.333+/-1609.286 χ^2/NDF : 13.5/16

Left Out: 155.991+/-1304.575 χ^2/NDF : 26.1/22

Right Out: -3042.258+/-1608.040 χ^2/NDF : 15.9/18

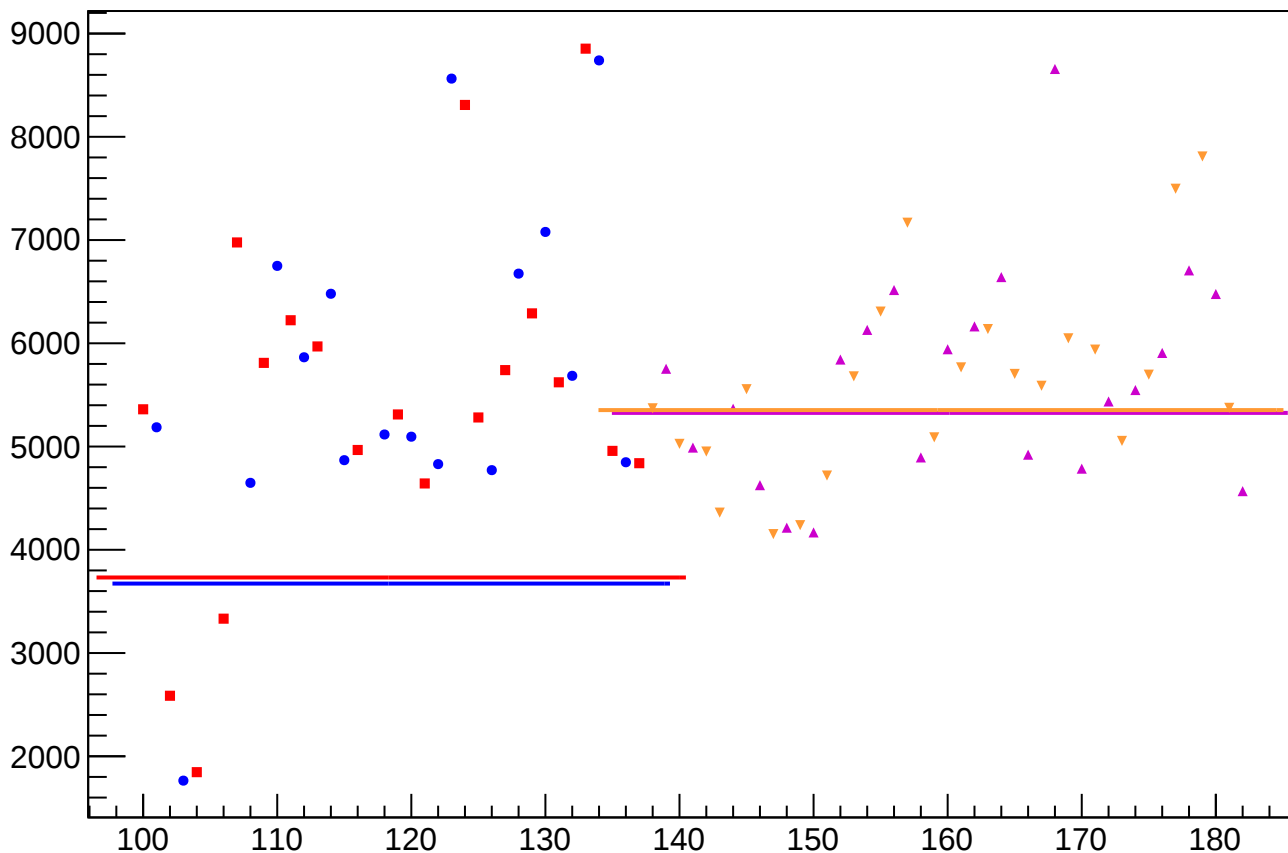
Left In: -2823.959+/-1306.366 χ^2/NDF : 12.8/21

+ sign 1424.320+/-1013.414 χ^2/NDF : 41.9/39

All: -742.090+/-716.778 χ^2/NDF : 79.8/80

- sign -2910.752+/-1013.941 χ^2/NDF : 28.7/40

asym_atl1r2_avg_rms vs Slug



Right In: 3672.737 $\pm$ 1.138 χ^2 /NDF: 2780170.9/16

Left Out: 5352.953 $\pm$ 0.922 χ^2 /NDF:863420.5/22

Right Out: 3731.692 $\pm$ 1.129 χ^2 /NDF: 2692478.3/18

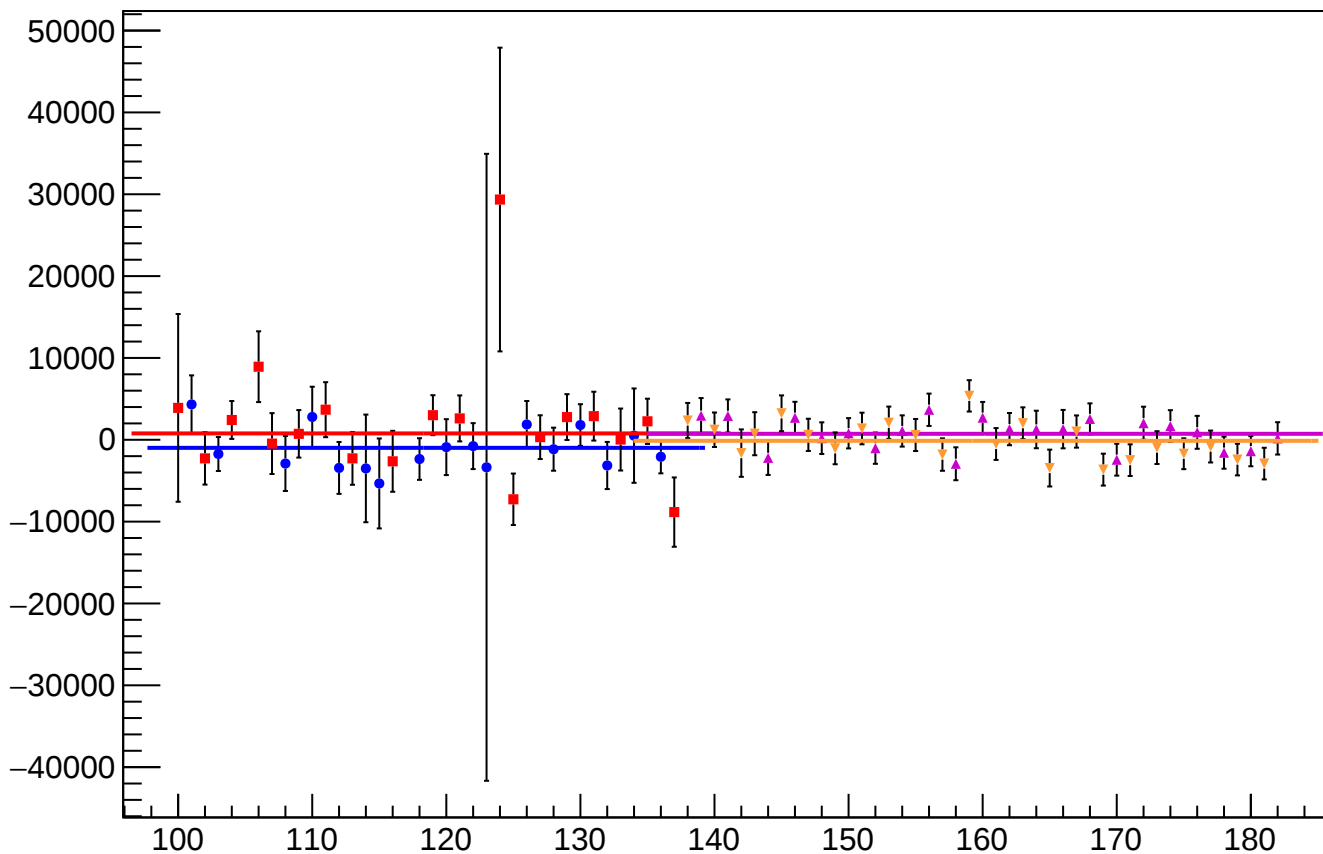
Left In: 5325.956 $\pm$ 0.924 χ^2 /NDF:947999.7/21

+ sign 4686.649 $\pm$ 0.717 χ^2 /NDF: 4959207.8/39

All: 4686.820 $\pm$ 0.506 χ^2 /NDF: 9793502.4/80

- sign 4686.991 $\pm$ 0.715 χ^2 /NDF: 4834294.5/40

reg_asym_atl1r2_dd_mean vs Slug



Right In: -984.395+/-742.831 χ^2/NDF : 8.5/16

Left Out: -124.084+/-422.800 χ^2/NDF : 28.8/22

Right Out: 778.348+/-739.635 χ^2/NDF : 24.3/18

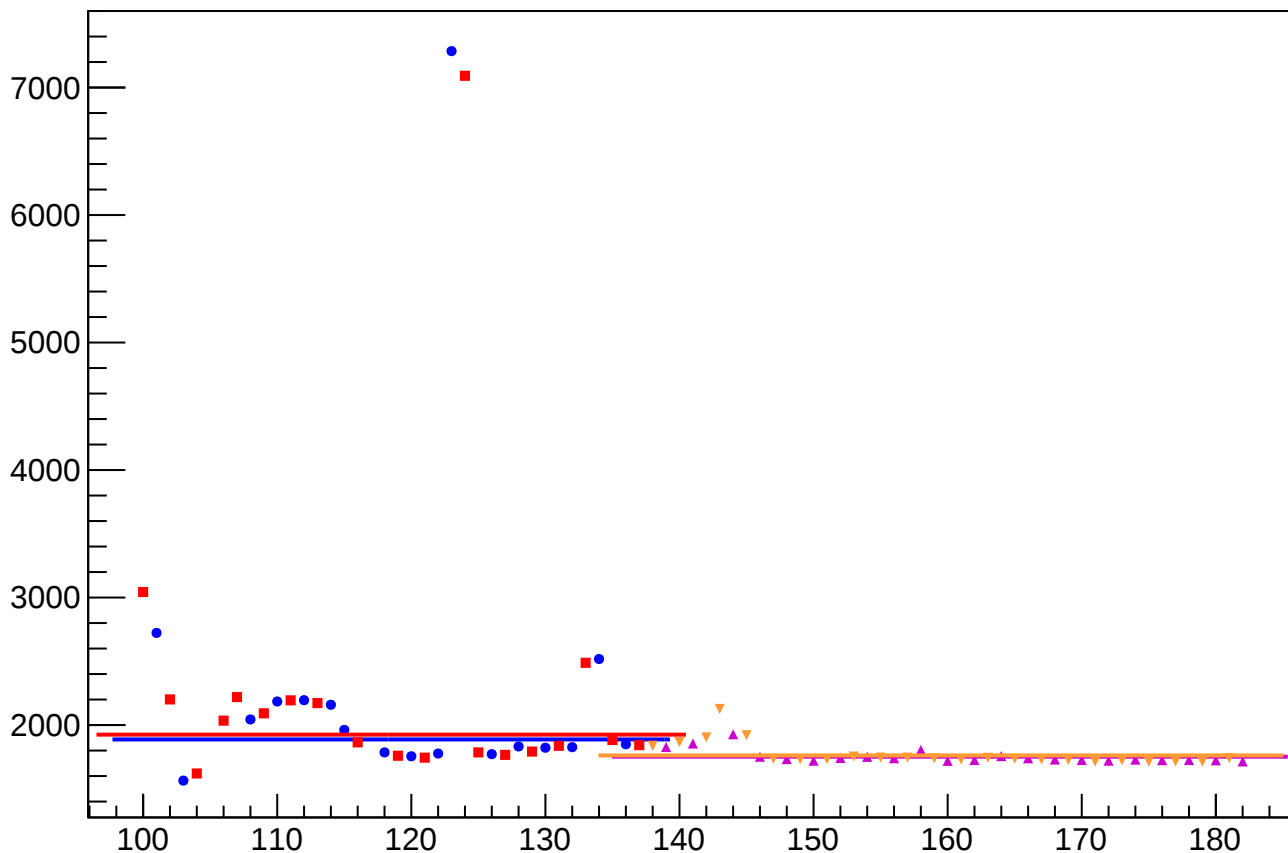
Left In: 730.422+/-423.441 χ^2/NDF : 20.0/21

+ sign -334.593+/-367.449 χ^2/NDF : 38.3/39

All: 203.785+/-259.837 χ^2/NDF : 86.9/80

- sign 742.253+/-367.480 χ^2/NDF : 44.3/40

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1887.042 $\pm$ 0.525 χ^2 /NDF: 279163.5/16

Left Out: 1761.706 $\pm$ 0.299 χ^2 /NDF: 71155.6/22

Right Out: 1924.813 $\pm$ 0.522 χ^2 /NDF: 349556.4/18

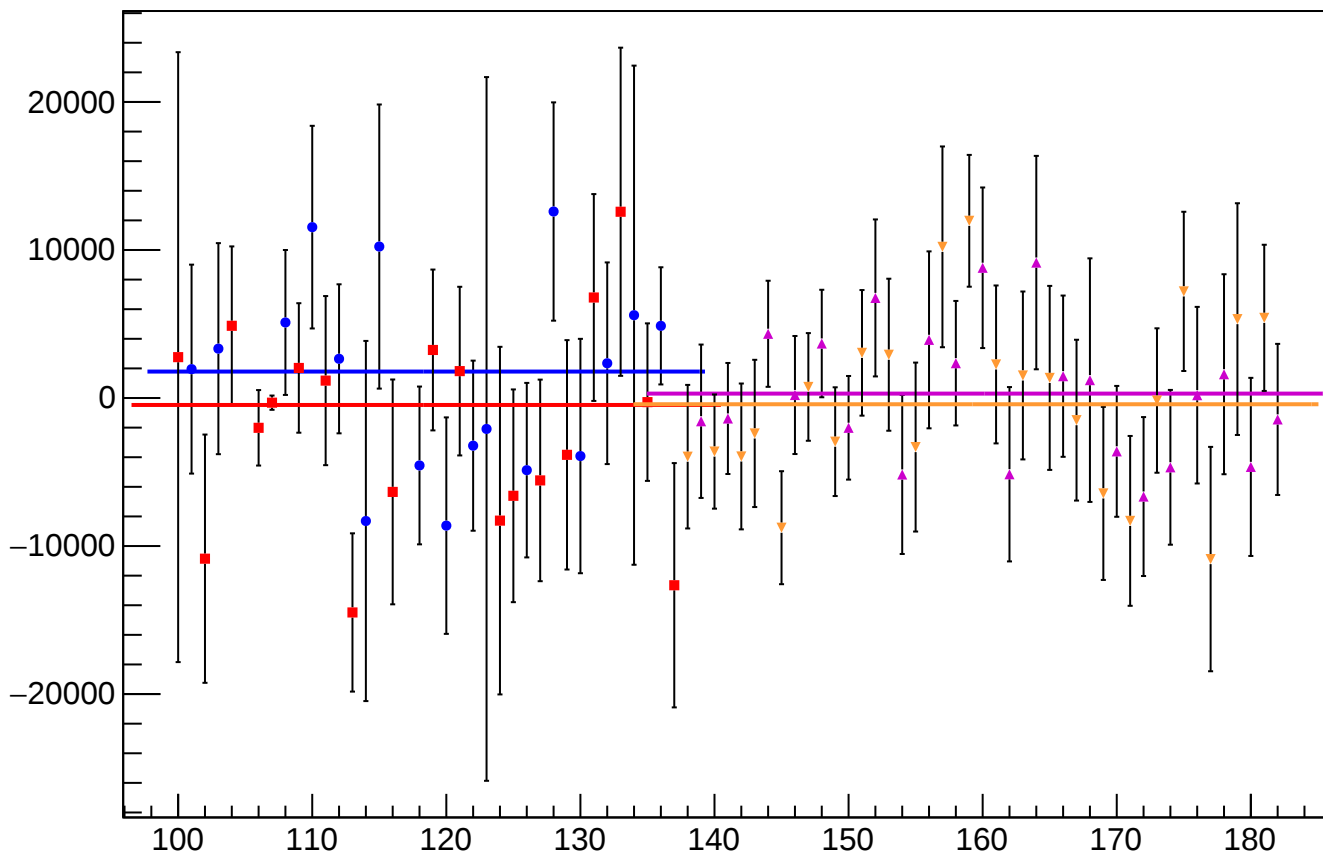
Left In: 1751.804 $\pm$ 0.299 χ^2 /NDF: 28478.4/21

+ sign 1792.374 $\pm$ 0.260 χ^2 /NDF: 393325.0/39

All: 1793.494 $\pm$ 0.184 χ^2 /NDF: 854007.9/80

- sign 1794.612 $\pm$ 0.260 χ^2 /NDF: 460645.8/40

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1787.135+/-1585.326 χ^2/NDF : 12.9/16

Left Out: -421.329+/-1029.738 χ^2/NDF : 28.1/22

Right Out: -469.568+/-453.765 χ^2/NDF : 18.1/18

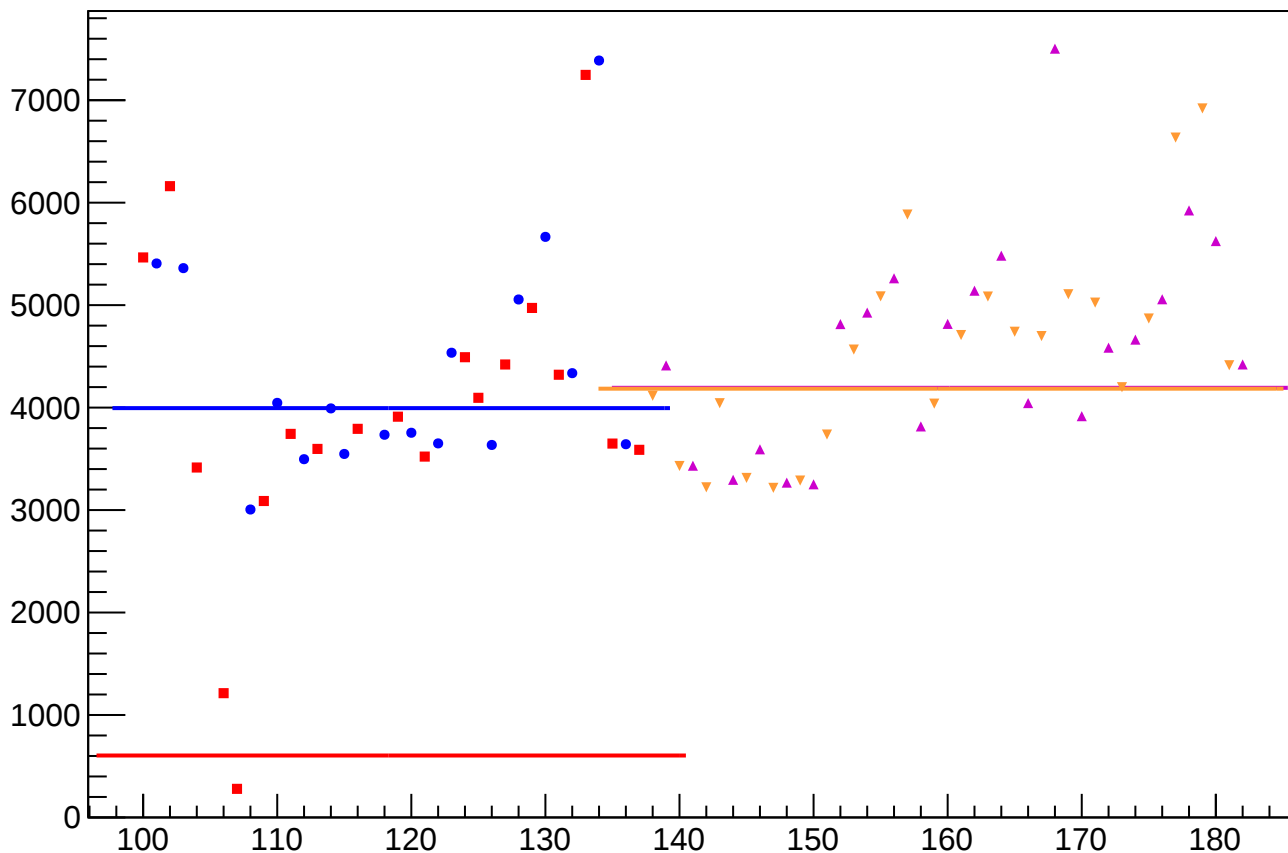
Left In: 297.895+/-1036.748 χ^2/NDF : 15.1/21

+ sign 233.964+/-863.558 χ^2/NDF : 42.3/39

All: -237.044+/-374.556 χ^2/NDF : 76.4/80

- sign -346.185+/-415.692 χ^2/NDF : 33.7/40

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3994.850+/-1.121 χ^2 /NDF: 514121.6/16

Left Out: 4184.580+/-0.728 χ^2 /NDF:1416846.4/22

Right Out: 604.597+/-0.321 χ^2 /NDF: 10213257.4/18

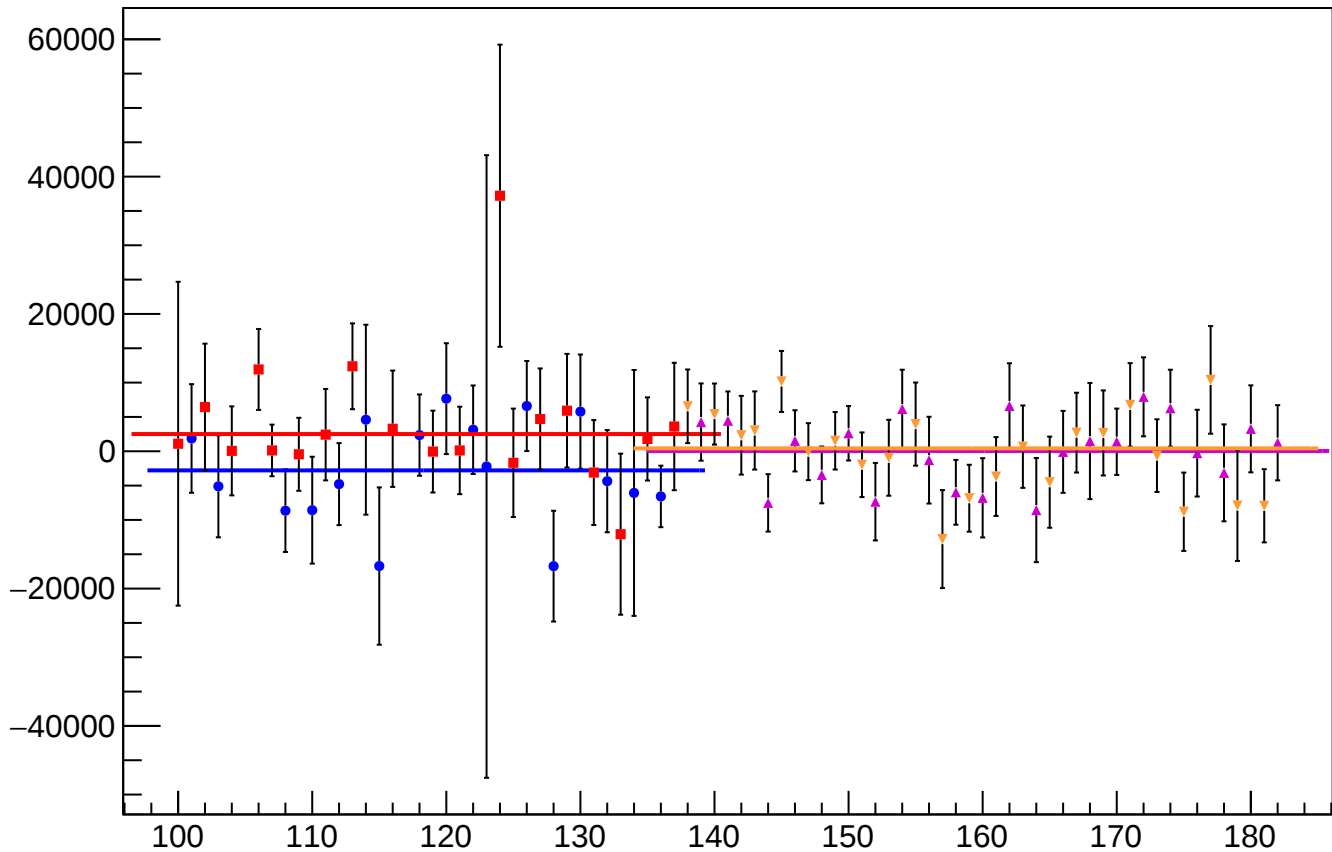
Left In: 4193.121+/-0.733 χ^2 /NDF:1468896.7/21

+ sign 4128.284+/-0.611 χ^2 /NDF: 1951114.2/39

All: 1735.880+/-0.265 χ^2 /NDF: 52649820.3/8

- sign 1181.515+/-0.294 χ^2 /NDF: 31791479.5/40

asym_atl1r2_dd_mean vs Slug



Right In: -2785.964+/-1791.352 χ^2/NDF : 14.0/16

Left Out: 420.164+/-1135.205 χ^2/NDF : 24.3/22

Right Out: 2505.806+/-1577.964 χ^2/NDF : 11.5/18

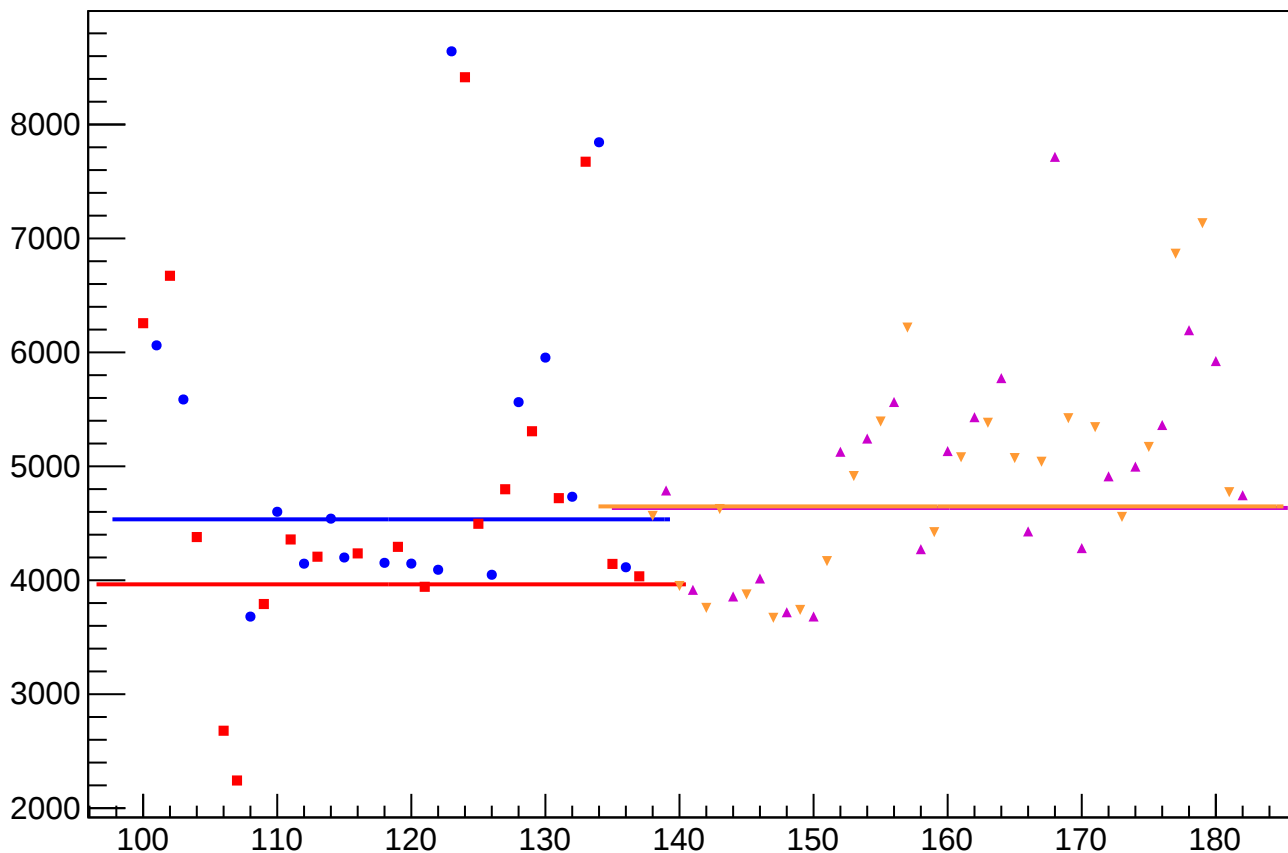
Left In: 45.955+/-1138.539 χ^2/NDF : 18.2/21

+ sign -498.476+/-958.878 χ^2/NDF : 40.6/39

All: 221.025+/-665.092 χ^2/NDF : 73.0/80

- sign 888.118+/-923.296 χ^2/NDF : 31.3/40

asym_atl1r2_dd_rms vs Slug



Right In: 4534.748+/-1.267 χ^2/NDF : 393206.7/16

Left Out: 4648.249+/-0.803 χ^2/NDF : 1004821.3/22

Right Out: 3964.264+/-1.109 χ^2/NDF : 1142035.1/18

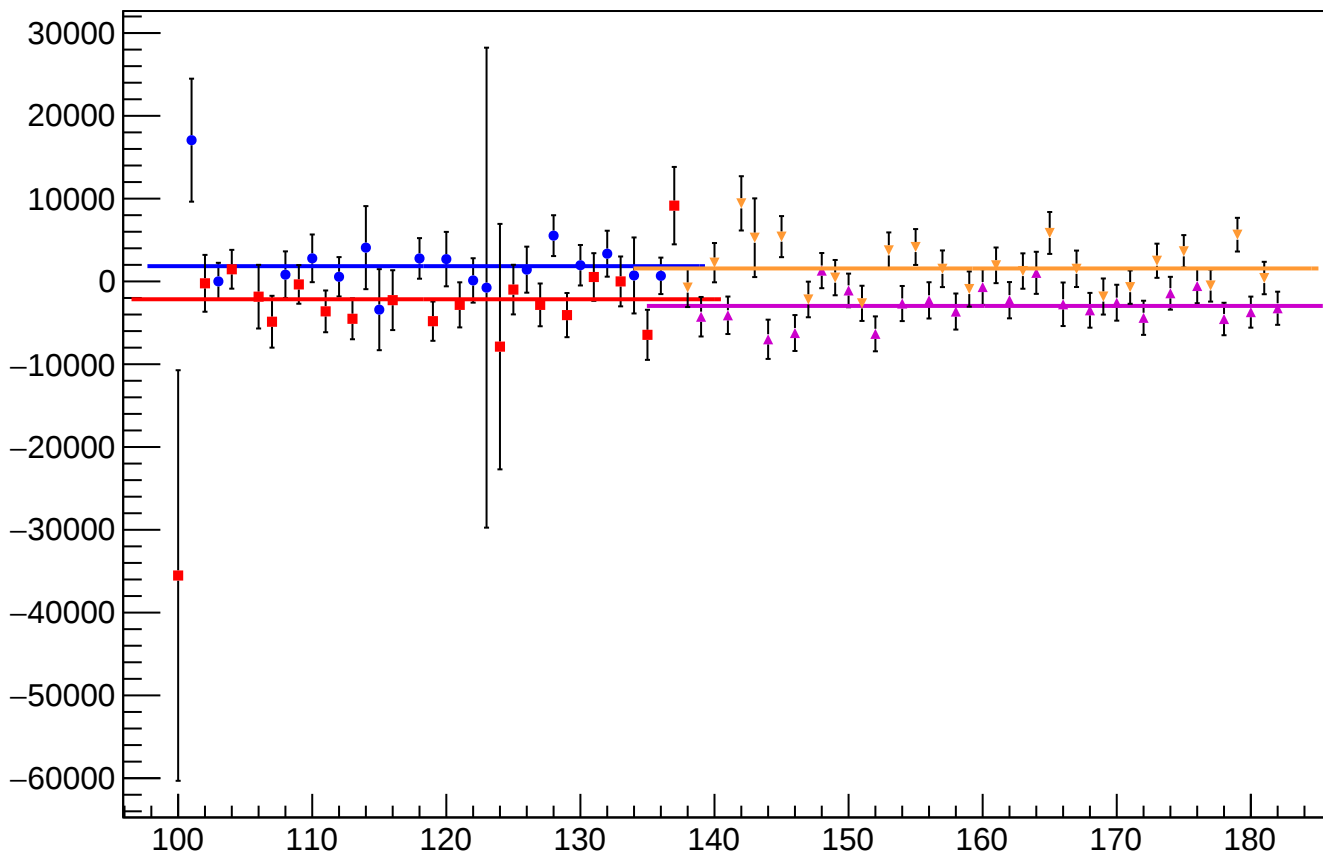
Left In: 4634.710+/-0.805 χ^2/NDF : 1064283.4/21

+ sign 4615.728+/-0.678 χ^2/NDF : 1403756.6/39

All: 4505.227+/-0.470 χ^2/NDF : 3900603.9/80

- sign 4403.227+/-0.651 χ^2/NDF : 2445769.7/40

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1842.914 ± 713.221 χ^2/NDF : 10.3/16

Left Out: 1566.320 ± 462.064 χ^2/NDF : 34.3/22

Right Out: -2154.577 ± 686.055 χ^2/NDF : 18.6/18

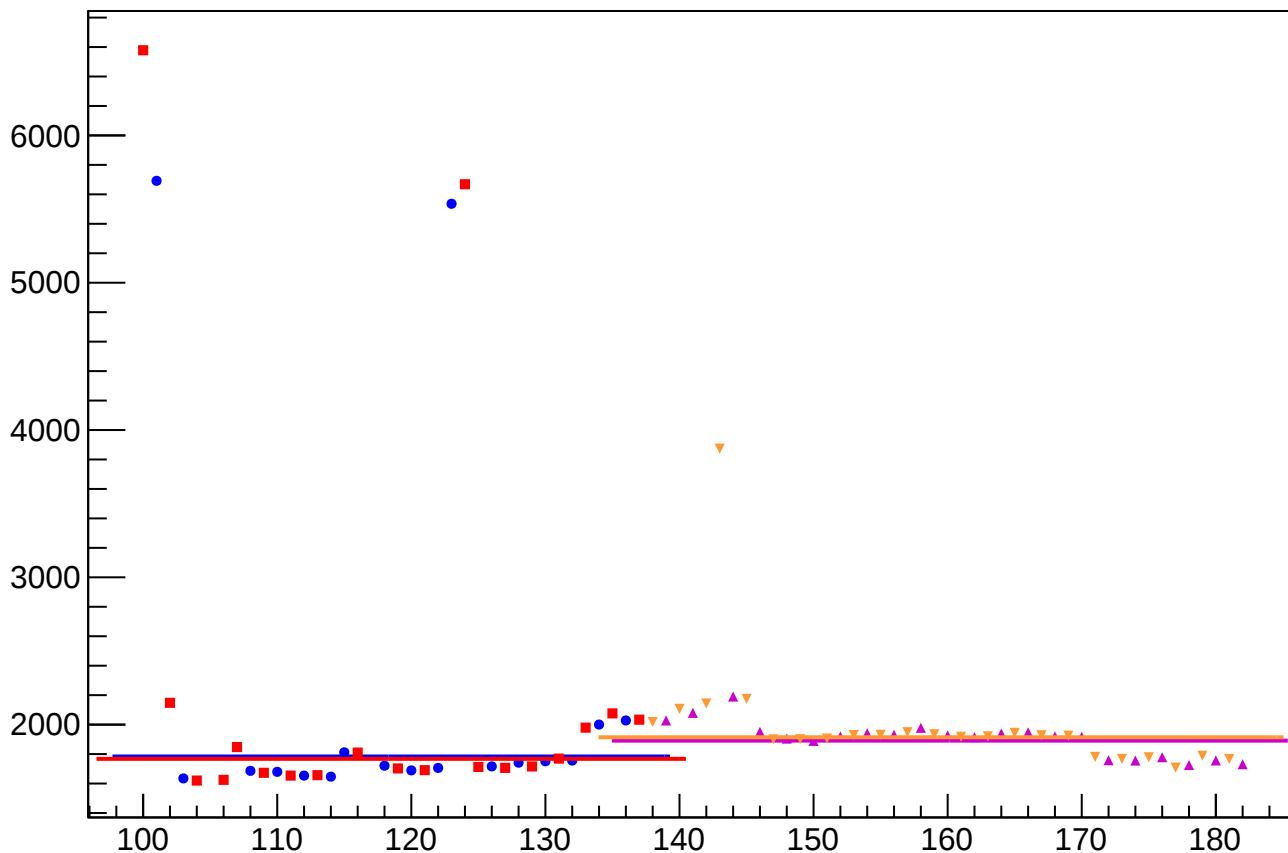
Left In: -2960.157 ± 457.937 χ^2/NDF : 20.4/21

+ sign 1648.091 ± 387.794 χ^2/NDF : 44.7/39

All: -571.093 ± 271.735 χ^2/NDF : 148.9/80

- sign -2711.861 ± 380.881 χ^2/NDF : 39.9/40

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1783.480+/-0.504 χ^2/NDF : 644626.7/16

Left Out: 1914.051+/-0.327 χ^2/NDF : 460228.9/22

Right Out: 1767.629+/-0.482 χ^2/NDF : 306027.2/18

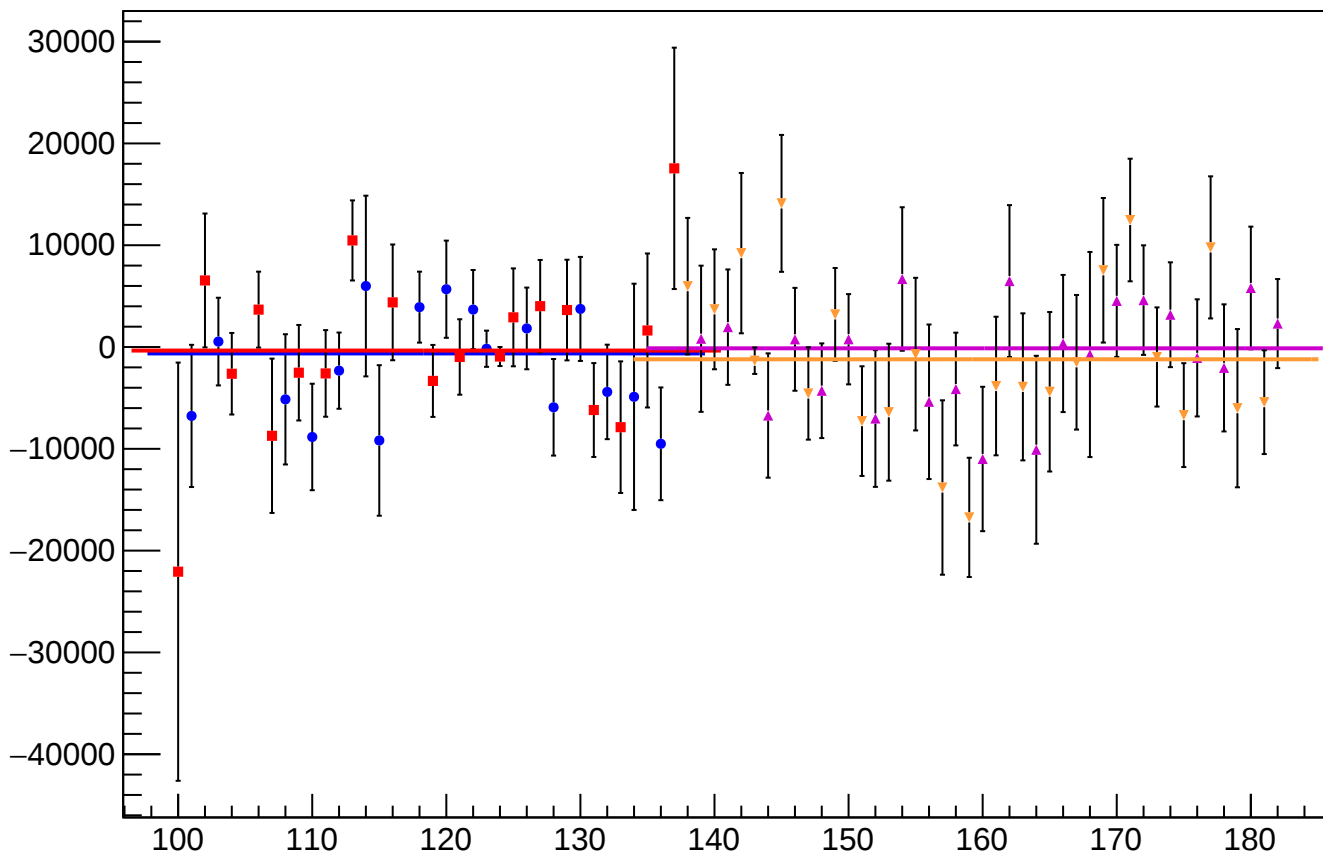
Left In: 1891.457+/-0.324 χ^2/NDF : 123111.9/21

+ sign 1875.450+/-0.274 χ^2/NDF : 1152069.8/39

All: 1863.961+/-0.192 χ^2/NDF : 1630155.1/80

- sign 1852.925+/-0.269 χ^2/NDF : 474643.6/40

asym_atr1l2_avg_correction_mean vs Slug



Right In: -628.255 ± 1010.986 χ^2/NDF : 16.4/16

Left Out: -1203.309 ± 920.855 χ^2/NDF : 33.2/22

Right Out: -347.826 ± 725.877 χ^2/NDF : 22.1/18

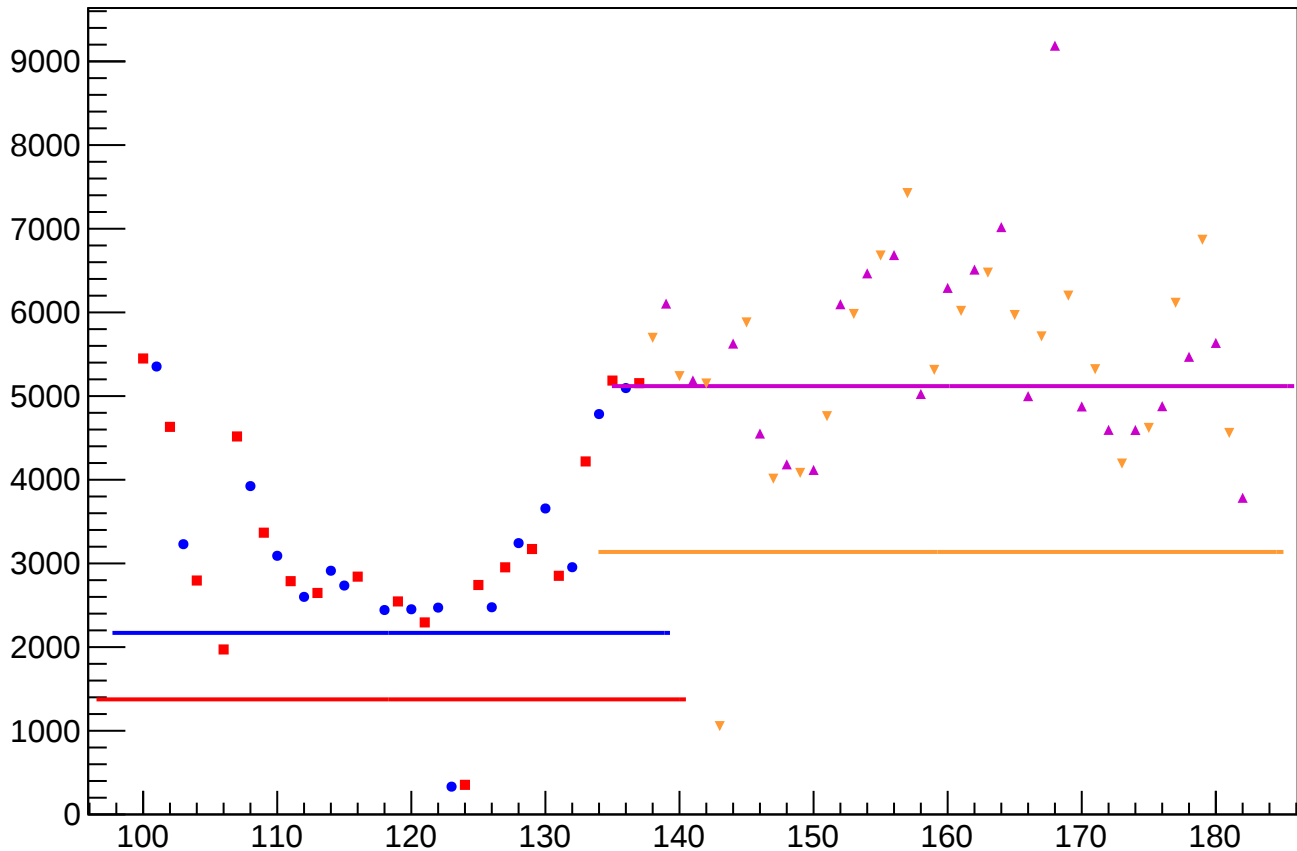
Left In: -126.260 ± 1261.563 χ^2/NDF : 12.8/21

+ sign -942.554 ± 680.782 χ^2/NDF : 49.7/39

All: -592.069 ± 462.058 χ^2/NDF : 85.2/80

- sign -292.718 ± 629.164 χ^2/NDF : 35.0/40

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2169.912 $\pm$ 0.715 χ^2 /NDF: 3978081.8/16

Left Out: 3137.189 $\pm$ 0.651 χ^2 /NDF: 11298476.3/22

Right Out: 1375.364 $\pm$ 0.513 χ^2 /NDF: 6838676.6/18

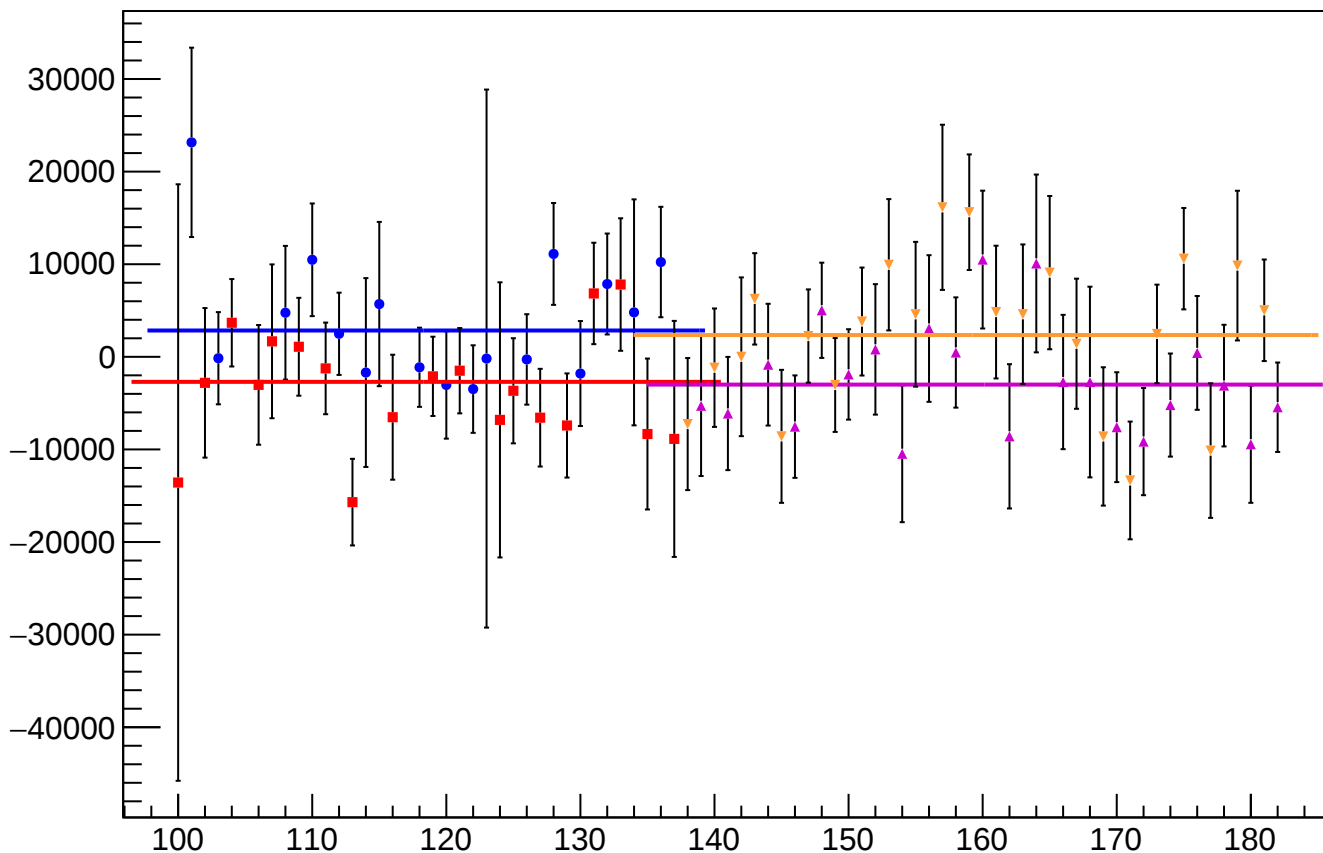
Left In: 5119.149 $\pm$ 0.892 χ^2 /NDF: 1251490.2/21

+ sign 2698.581 $\pm$ 0.481 χ^2 /NDF: 16277191.6/39

All: 2487.124 $\pm$ 0.327 χ^2 /NDF: 37957437.7/8

- sign 2306.516 $\pm$ 0.445 χ^2 /NDF: 21322482.8/40

asym_atr1l2_avg_mean vs Slug



Right In: 2842.572 $\pm$ 1452.178 χ^2 /NDF: 15.7/16

Left Out: 2352.687 $\pm$ 1346.778 χ^2 /NDF:29.9/22

Right Out: -2702.572 $\pm$ 1382.936 χ^2 /NDF: 18.2/18

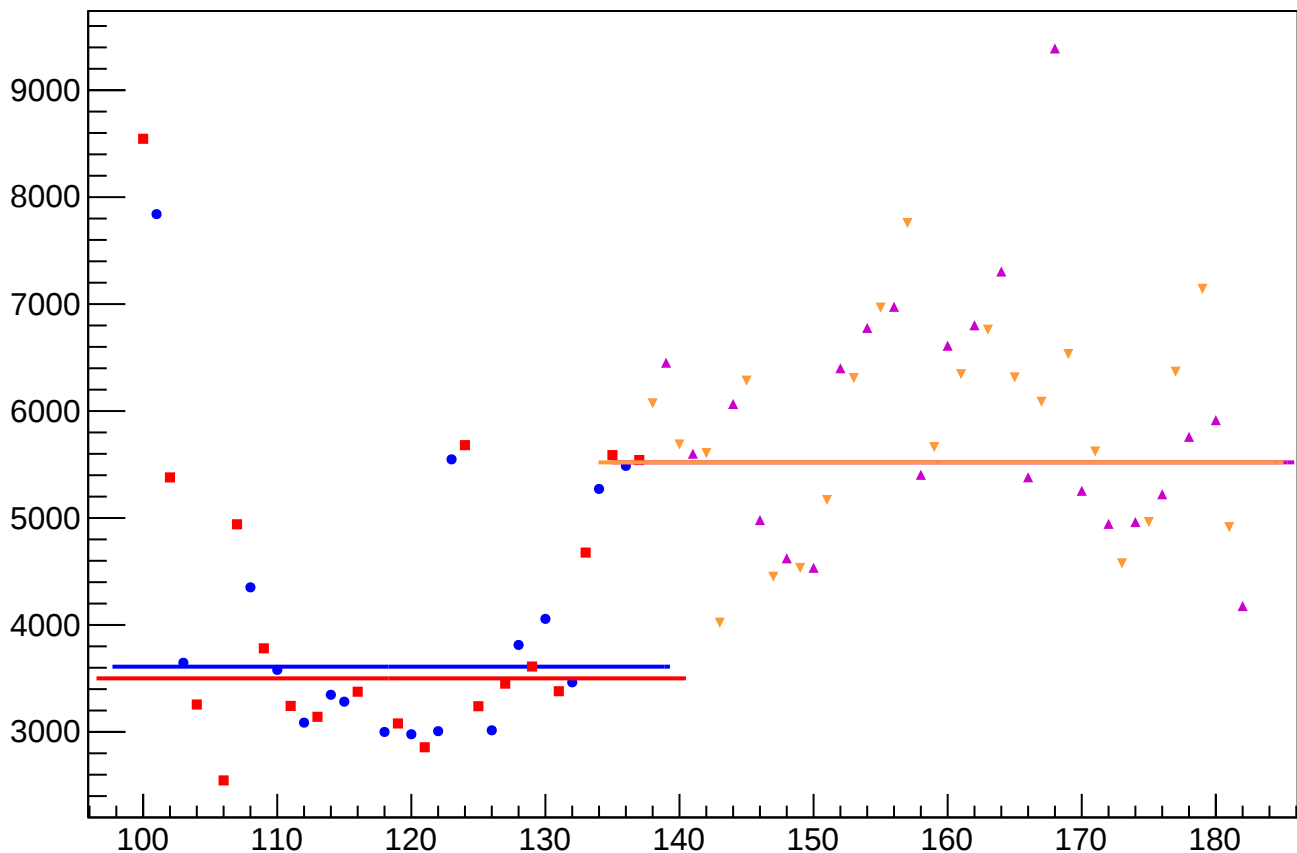
Left In: -2999.567 $\pm$ 1355.459 χ^2 /NDF:15.0/21

+ sign 2579.208 $\pm$ 987.477 χ^2 /NDF: 45.7/39

All: -191.469 $\pm$ 691.271 χ^2 /NDF: 94.4/80

- sign -2854.050 $\pm$ 968.023 χ^2 /NDF: 33.2/40

asym_atr1l2_avg_rms vs Slug



Right In: 3610.008+/-1.027 χ^2/NDF : 783187.3/16

Left Out: 5520.094+/-0.952 χ^2/NDF : 979601.5/22

Right Out: 3500.718+/-0.964 χ^2/NDF : 661555.5/18

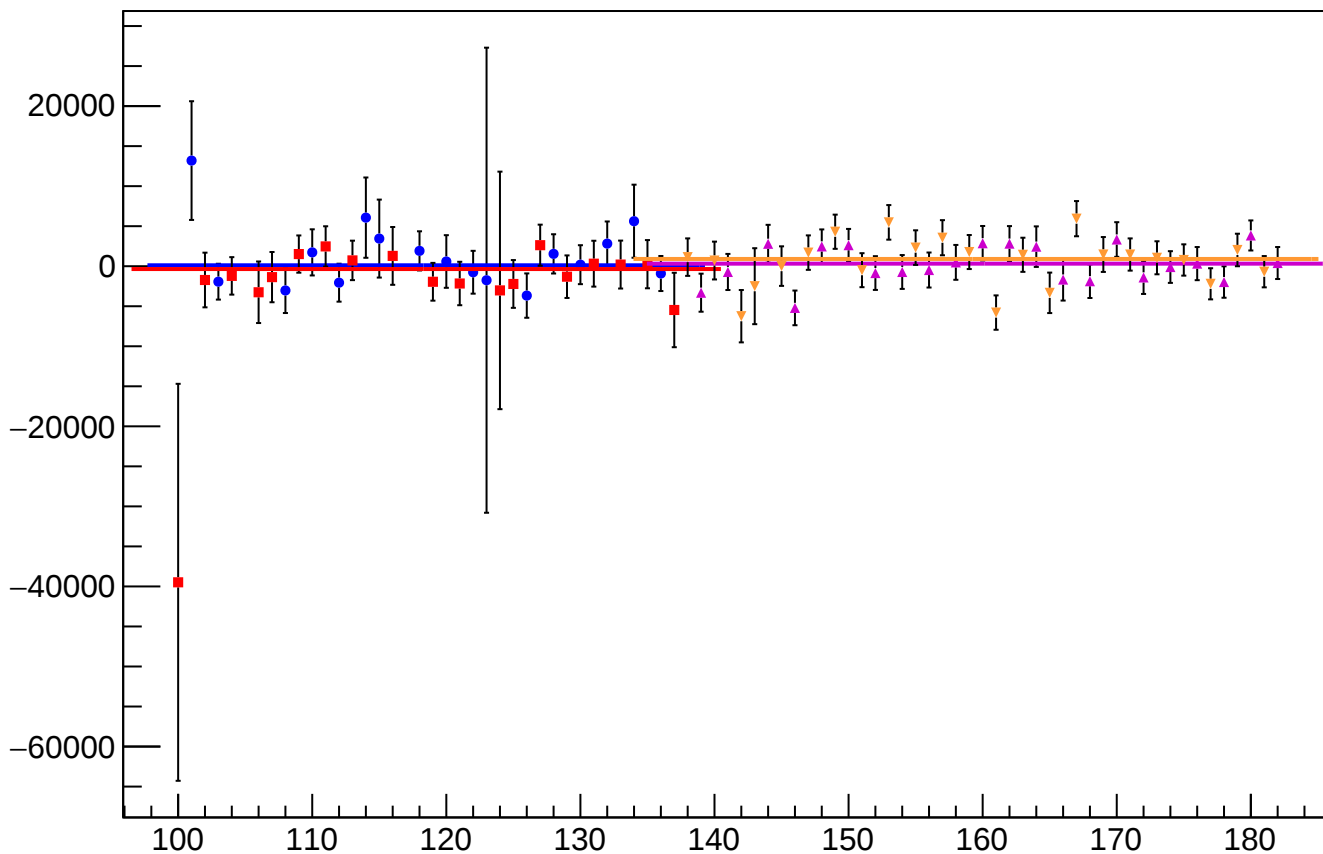
Left In: 5520.297+/-0.958 χ^2/NDF : 1026360.6/21

+ sign 4636.871+/-0.698 χ^2/NDF : 3622994.6/39

All: 4575.103+/-0.487 χ^2/NDF : 7532818.7/80

- sign 4516.564+/-0.680 χ^2/NDF : 3894582.5/40

reg_asym_atr1l2_dd_mean vs Slug



Right In: 115.789 $\pm$ 711.081 χ^2 /NDF: 13.7/16

Left Out: 906.654 $\pm$ 461.208 χ^2 /NDF: 36.6/22

Right Out: -353.491 $\pm$ 683.689 χ^2 /NDF: 9.9/18

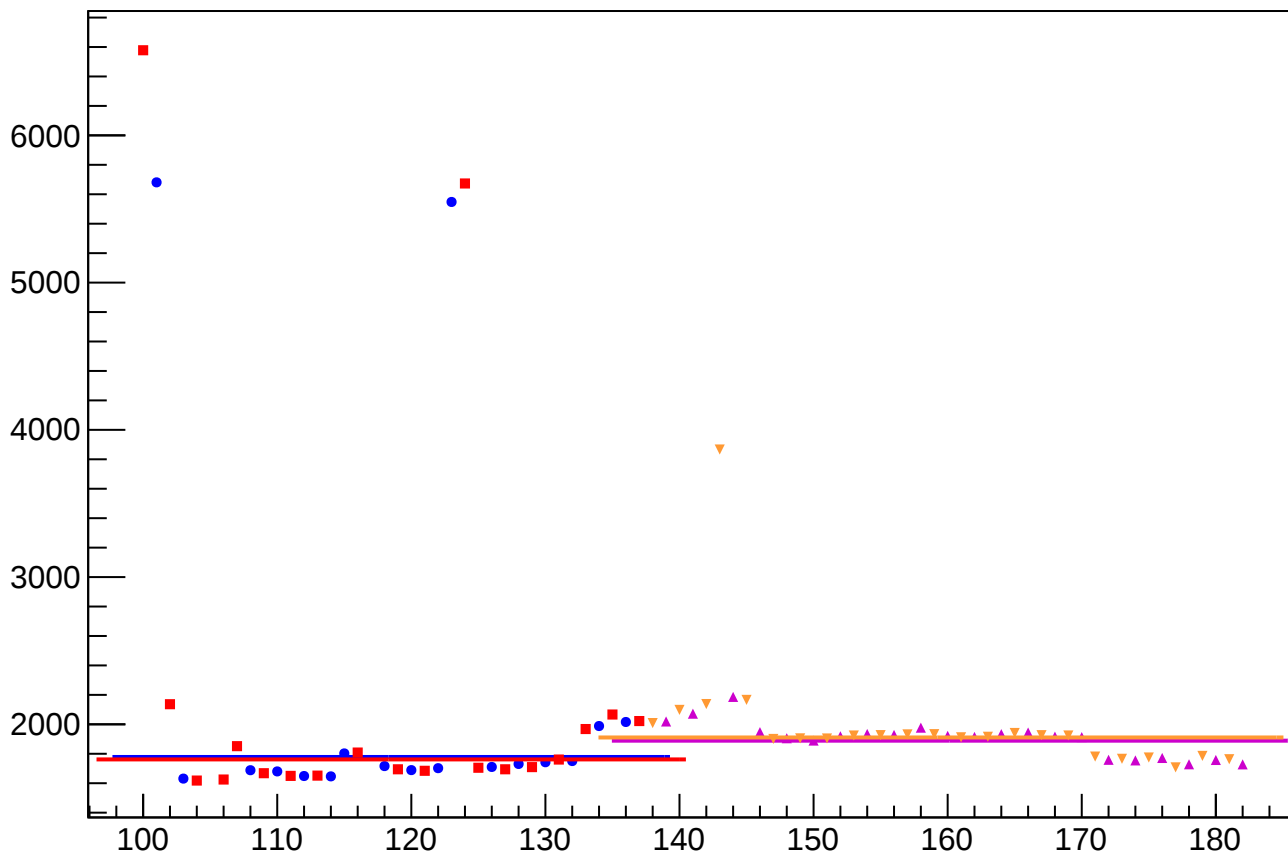
Left In: 319.188 $\pm$ 457.309 χ^2 /NDF: 25.8/21

+ sign 672.469 $\pm$ 386.944 χ^2 /NDF: 51.2/39

All: 386.867 $\pm$ 271.164 χ^2 /NDF: 88.7/80

- sign 111.257 $\pm$ 380.115 χ^2 /NDF: 36.4/40

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1778.202 $\pm$ 0.503 χ^2 /NDF: 642982.9/16

Left Out: 1910.651 $\pm$ 0.326 χ^2 /NDF: 456696.5/22

Right Out: 1761.653 $\pm$ 0.480 χ^2 /NDF: 305365.0/18

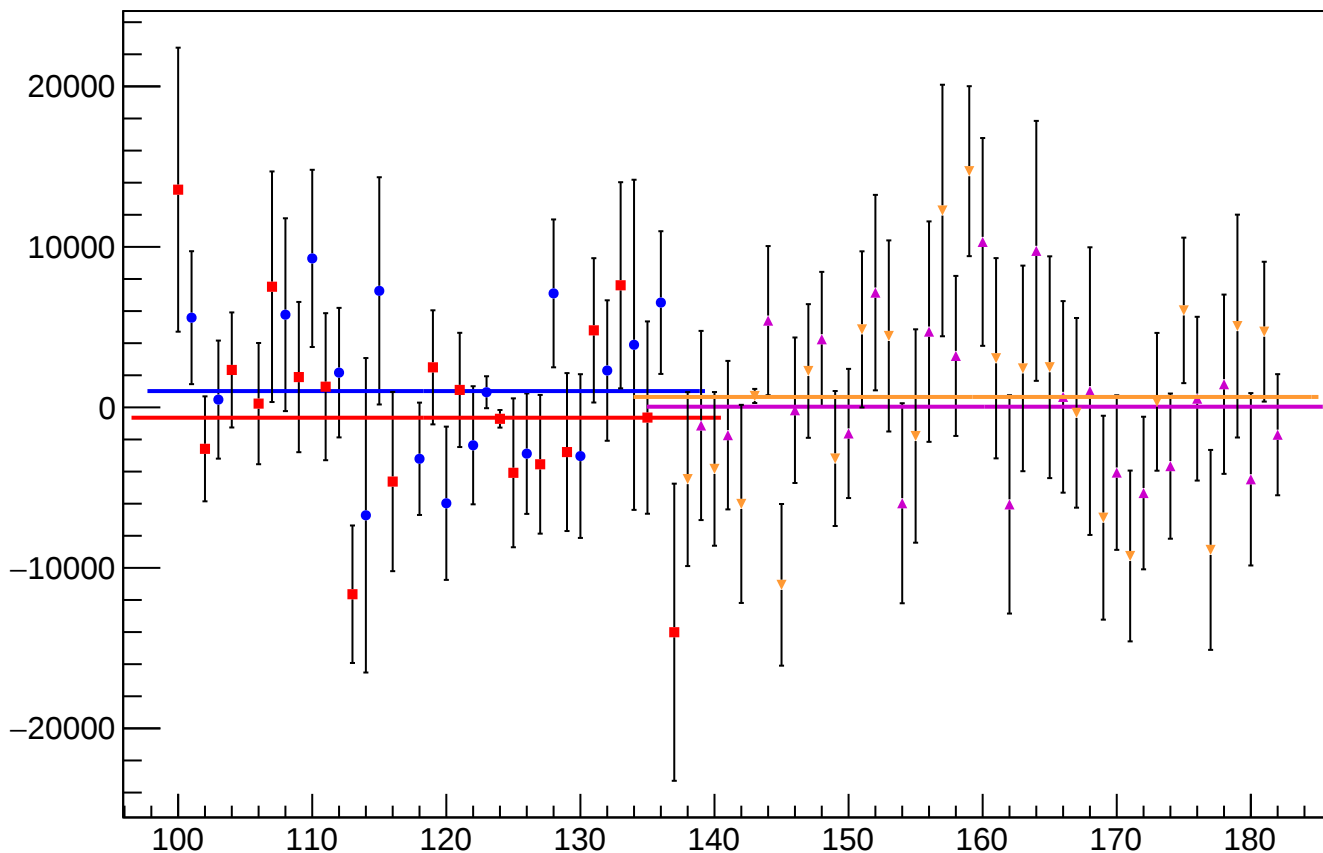
Left In: 1888.960 $\pm$ 0.323 χ^2 /NDF: 120077.1/21

+ sign 1871.431 $\pm$ 0.274 χ^2 /NDF: 1148521.5/39

All: 1860.111 $\pm$ 0.192 χ^2 /NDF: 1625685.3/80

- sign 1849.234 $\pm$ 0.268 χ^2 /NDF: 473807.5/40

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1015.864+/-753.323 χ^2/NDF : 15.2/16

Left Out: 649.905+/-409.767 χ^2/NDF : 30.1/22

Right Out: -643.706+/-488.275 χ^2/NDF : 20.0/18

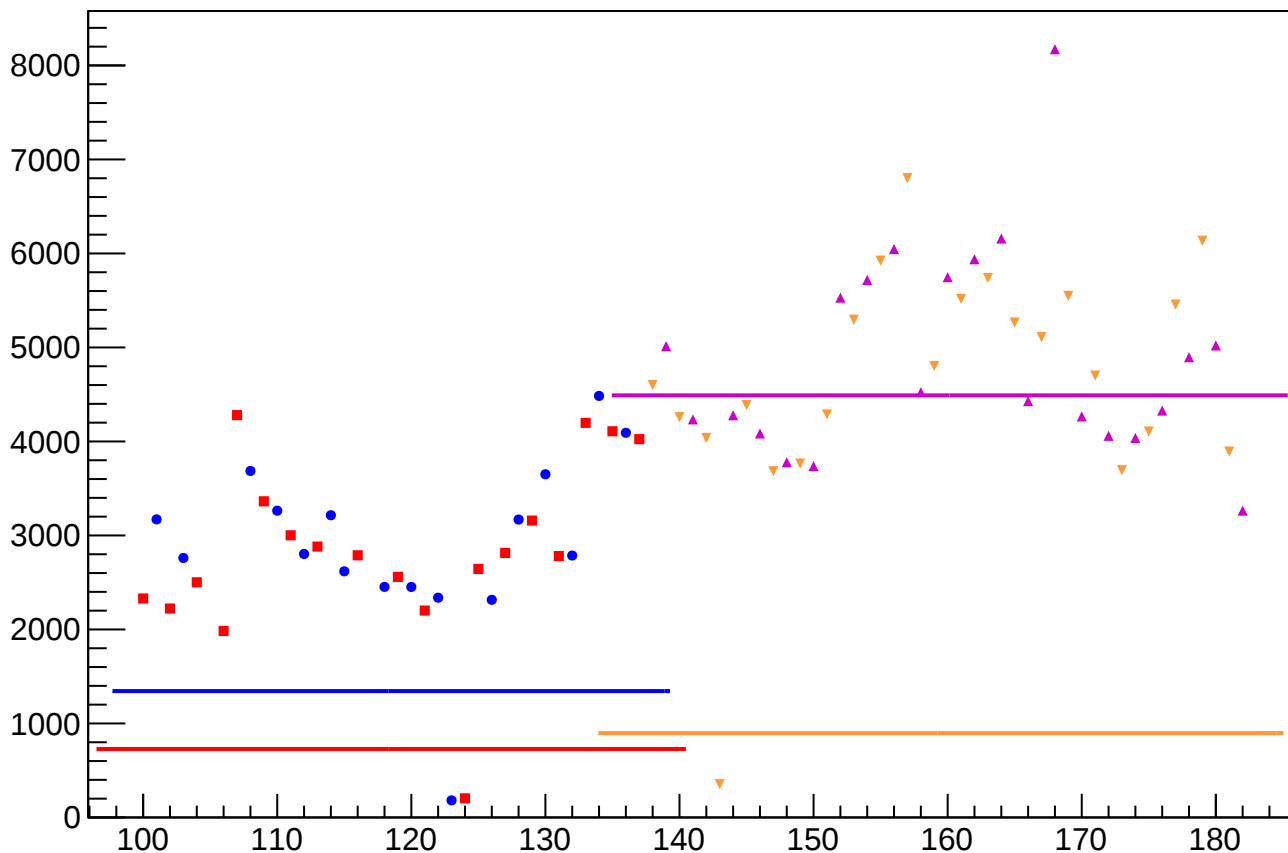
Left In: 41.390+/-1107.020 χ^2/NDF : 14.3/21

+ sign 733.461+/-359.961 χ^2/NDF : 45.5/39

All: 235.263+/-280.296 χ^2/NDF : 84.9/80

- sign -532.131+/-446.749 χ^2/NDF : 34.6/40

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1344.476+/-0.533 χ^2/NDF : 6835525.9/16

Left Out: 897.604+/-0.290 χ^2/NDF : 24873394.1/22

Right Out: 728.423+/-0.345 χ^2/NDF : 9480438.9/18

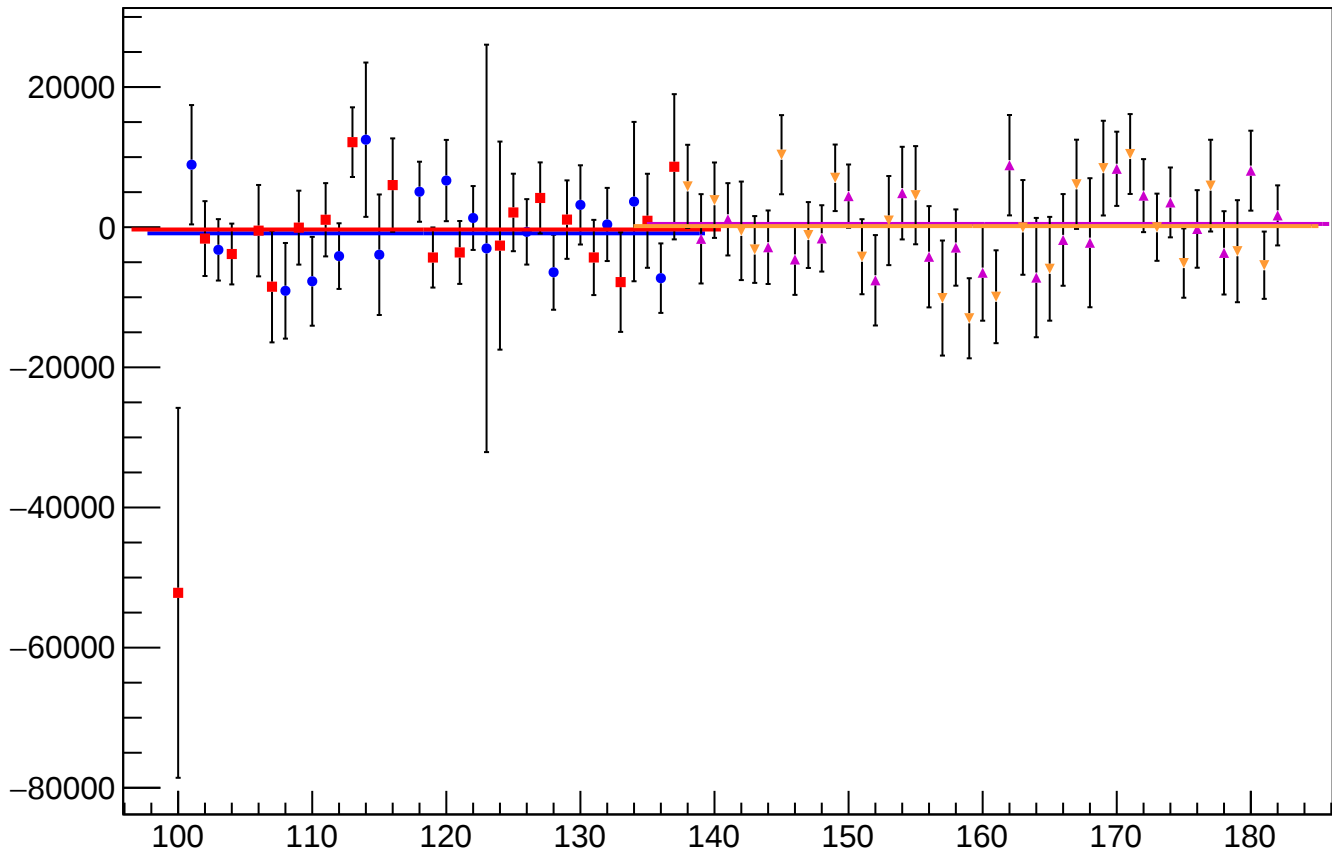
Left In: 4490.331+/-0.783 χ^2/NDF : 1281159.6/21

+ sign 999.635+/-0.255 χ^2/NDF : 32252006.8/39

All: 1134.047+/-0.198 χ^2/NDF : 63056556.4/80

- sign 1341.089+/-0.316 χ^2/NDF : 30096127.3/40

asym_atr1l2_dd_mean vs Slug



Right In: -874.074 ± 1400.106 χ^2/NDF : 13.6/16

Left Out: 155.716 ± 1209.358 χ^2/NDF : 27.4/22

Right Out: -328.412 ± 1333.346 χ^2/NDF : 17.8/18

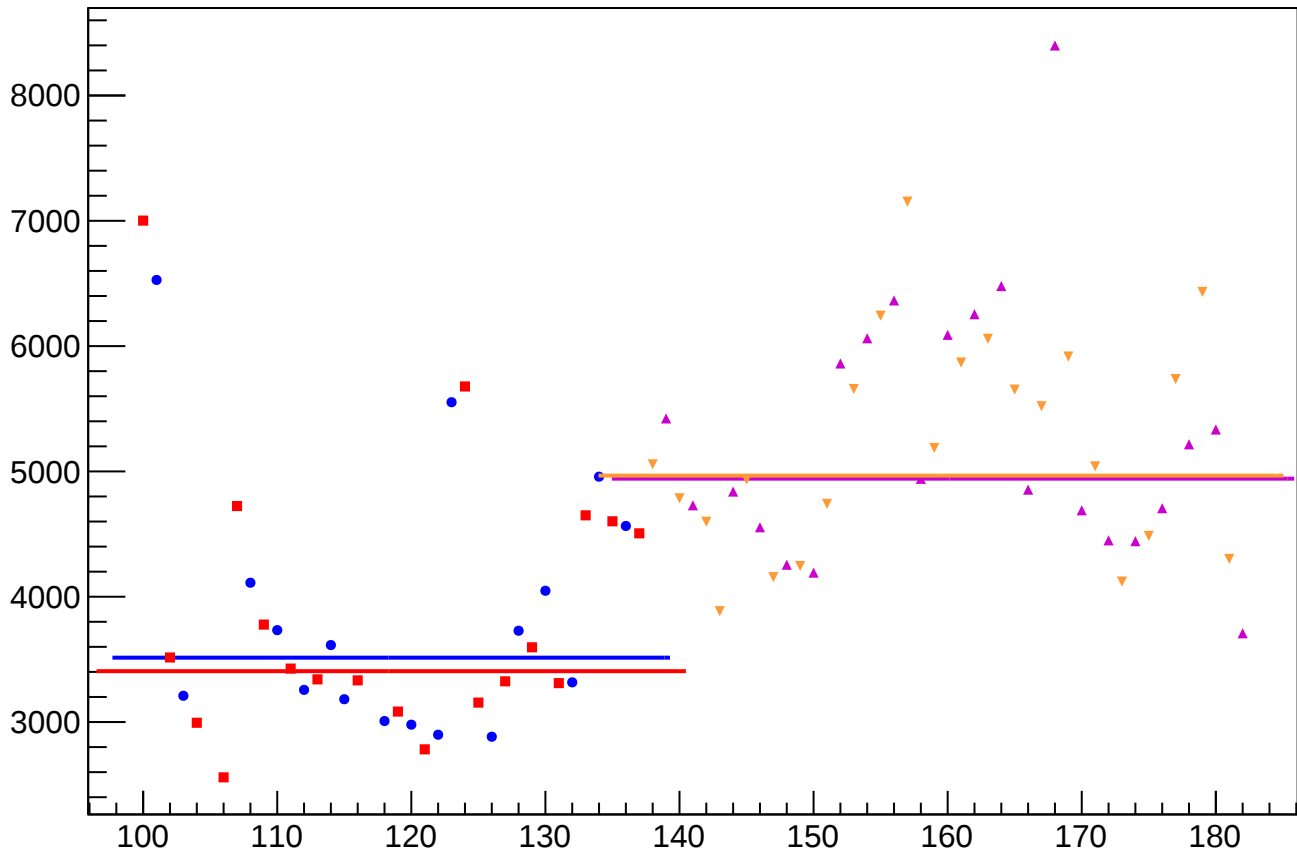
Left In: 461.654 ± 1212.864 χ^2/NDF : 14.3/21

+ sign -284.303 ± 915.213 χ^2/NDF : 41.3/39

All: -86.333 ± 640.690 χ^2/NDF : 73.7/80

- sign 103.922 ± 897.202 χ^2/NDF : 32.3/40

asym_atr1l2_dd_rms vs Slug



Right In: 3513.685+/-0.990 χ^2/NDF : 560775.0/16

Left Out: 4966.697+/-0.855 χ^2/NDF : 845047.0/22

Right Out: 3405.768+/-0.931 χ^2/NDF : 428480.7/18

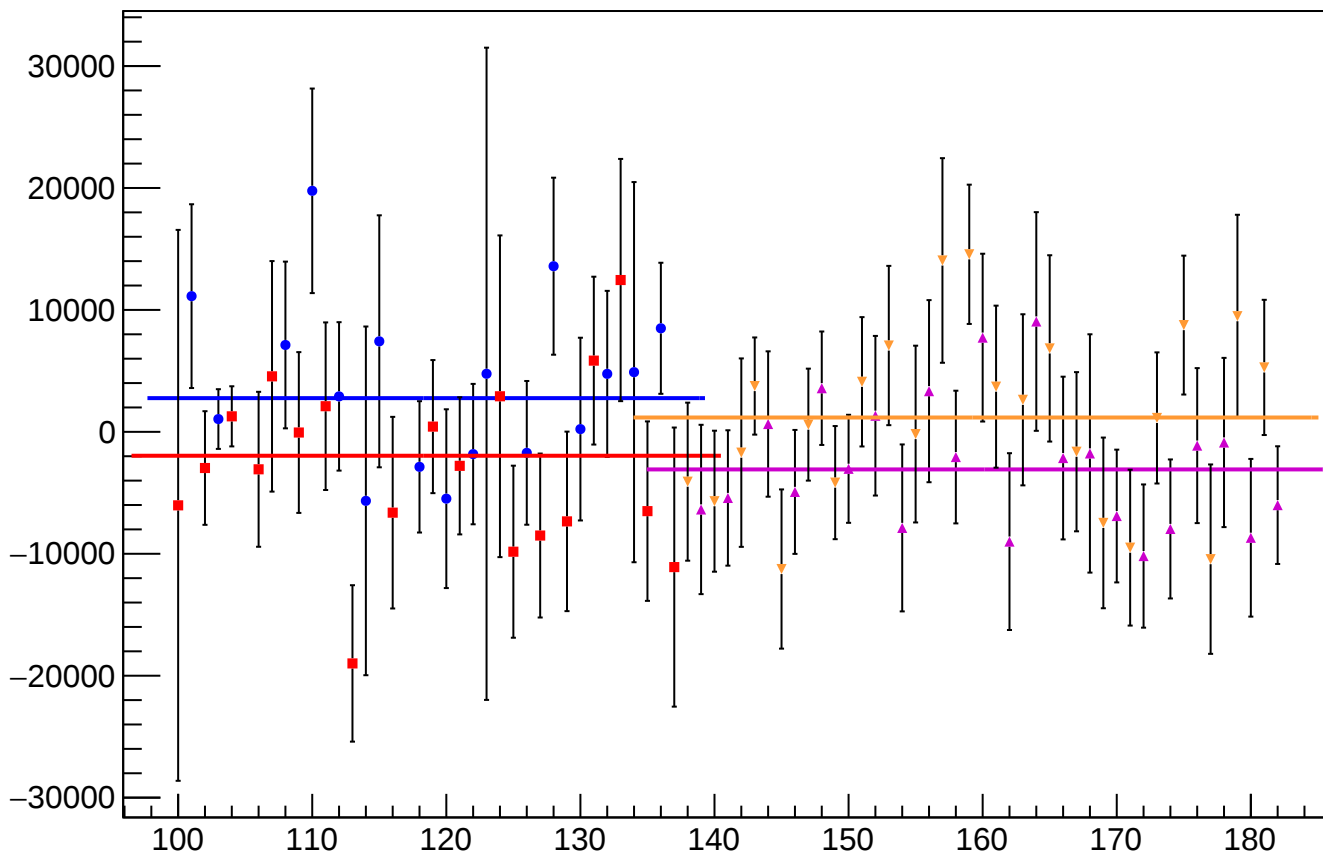
Left In: 4942.332+/-0.858 χ^2/NDF : 996474.2/21

+ sign 4345.836+/-0.647 χ^2/NDF : 2639450.2/39

All: 4289.811+/-0.452 χ^2/NDF : 5553330.8/80

- sign 4236.610+/-0.631 χ^2/NDF : 2899269.3/40

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2764.928+/-1455.950 χ^2/NDF : 13.9/16

Left Out: 1176.393+/-1258.759 χ^2/NDF : 27.4/22

Right Out: -1959.806+/-1383.928 χ^2/NDF : 17.6/18

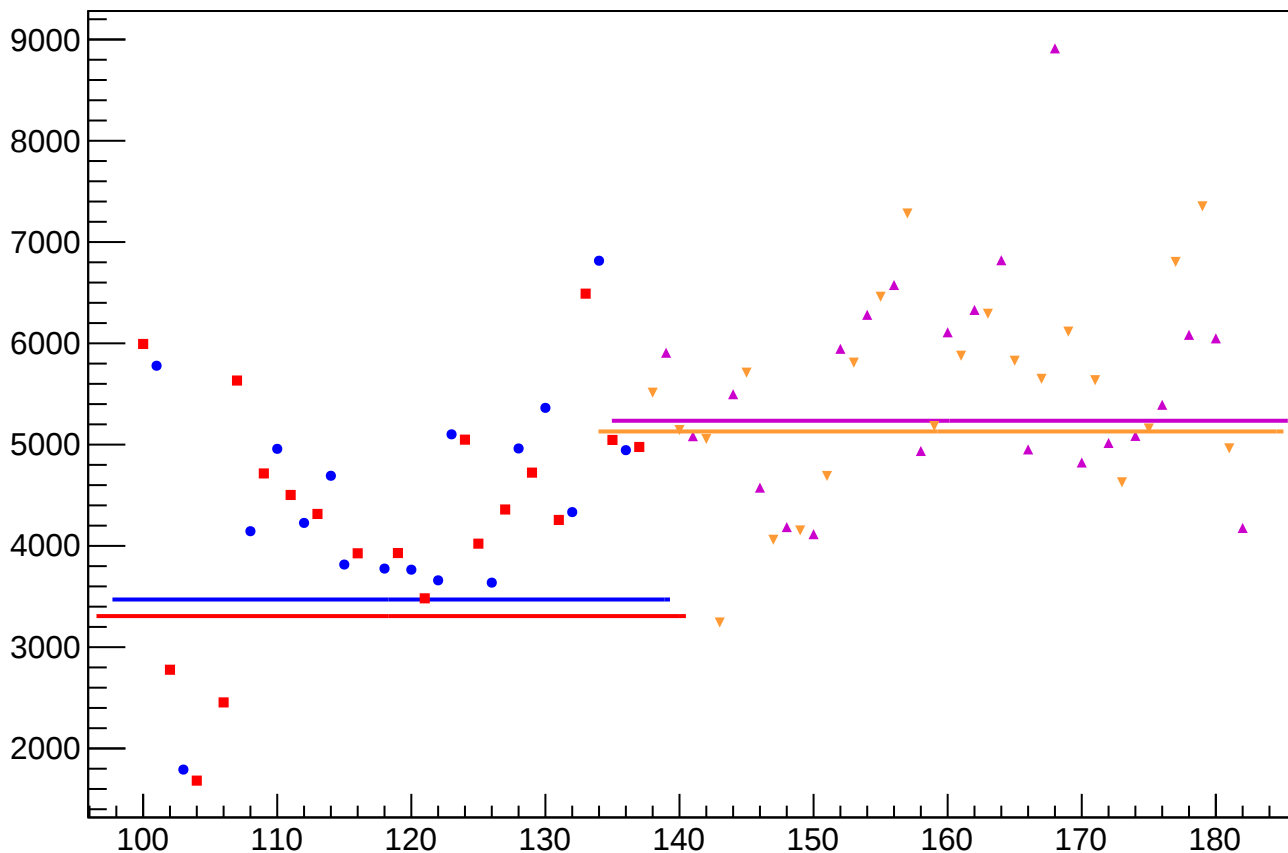
Left In: -3081.714+/-1285.702 χ^2/NDF : 13.7/21

+ sign 1855.878+/-952.221 χ^2/NDF : 42.0/39

All: -377.028+/-669.658 χ^2/NDF : 84.6/80

- sign -2561.984+/-941.942 χ^2/NDF : 31.7/40

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.650 $\pm$ 1.029 χ^2 /NDF: 1765892.2/16

Left Out: 5129.847 $\pm$ 0.890 χ^2 /NDF:1319630.9/22

Right Out: 3306.828 $\pm$ 0.970 χ^2 /NDF: 1911650.7/18

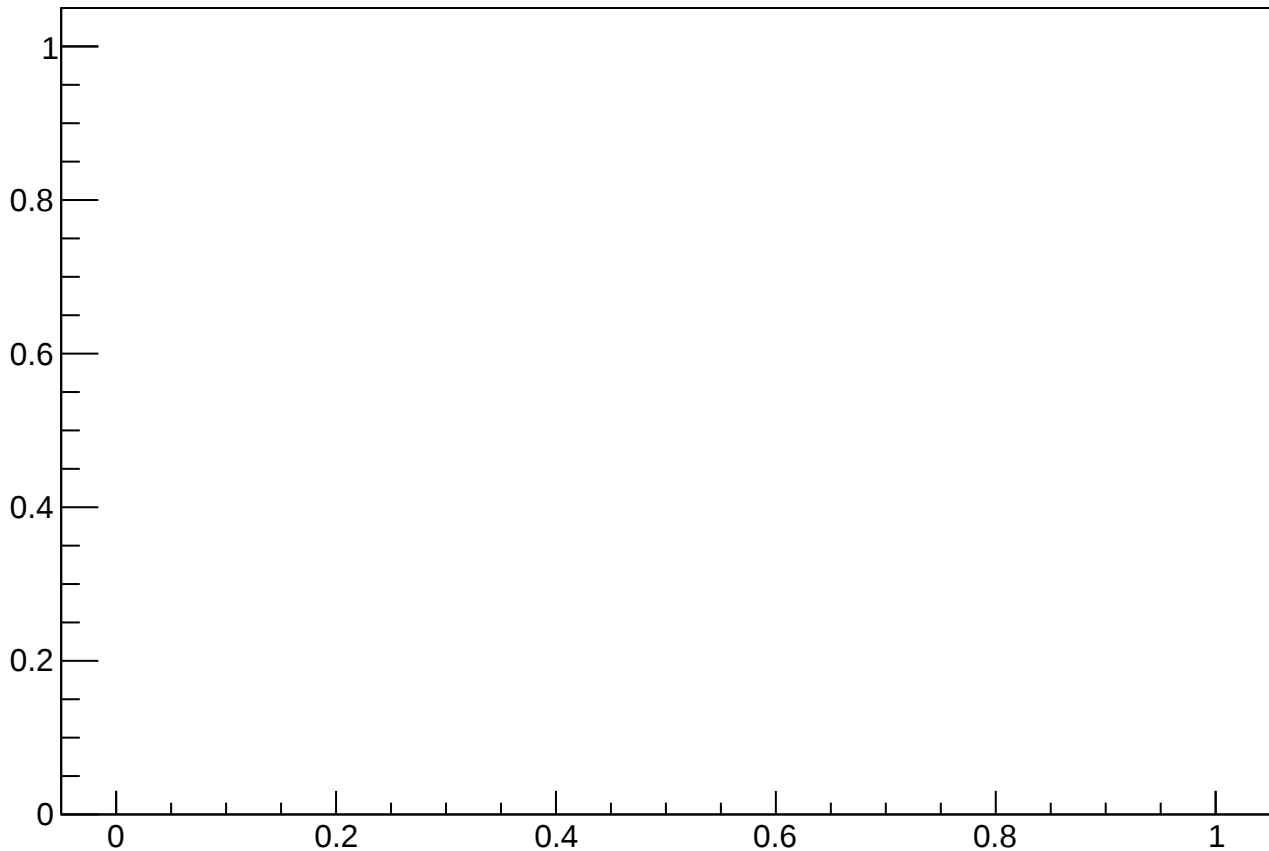
Left In: 5235.485 $\pm$ 0.909 χ^2 /NDF:1029720.5/21

+ sign 4420.116 $\pm$ 0.673 χ^2 /NDF: 4571926.0/39

All: 4375.993 $\pm$ 0.472 χ^2 /NDF: 9627260.0/80

- sign 4333.185 $\pm$ 0.663 χ^2 /NDF: 5046873.2/40

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

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

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

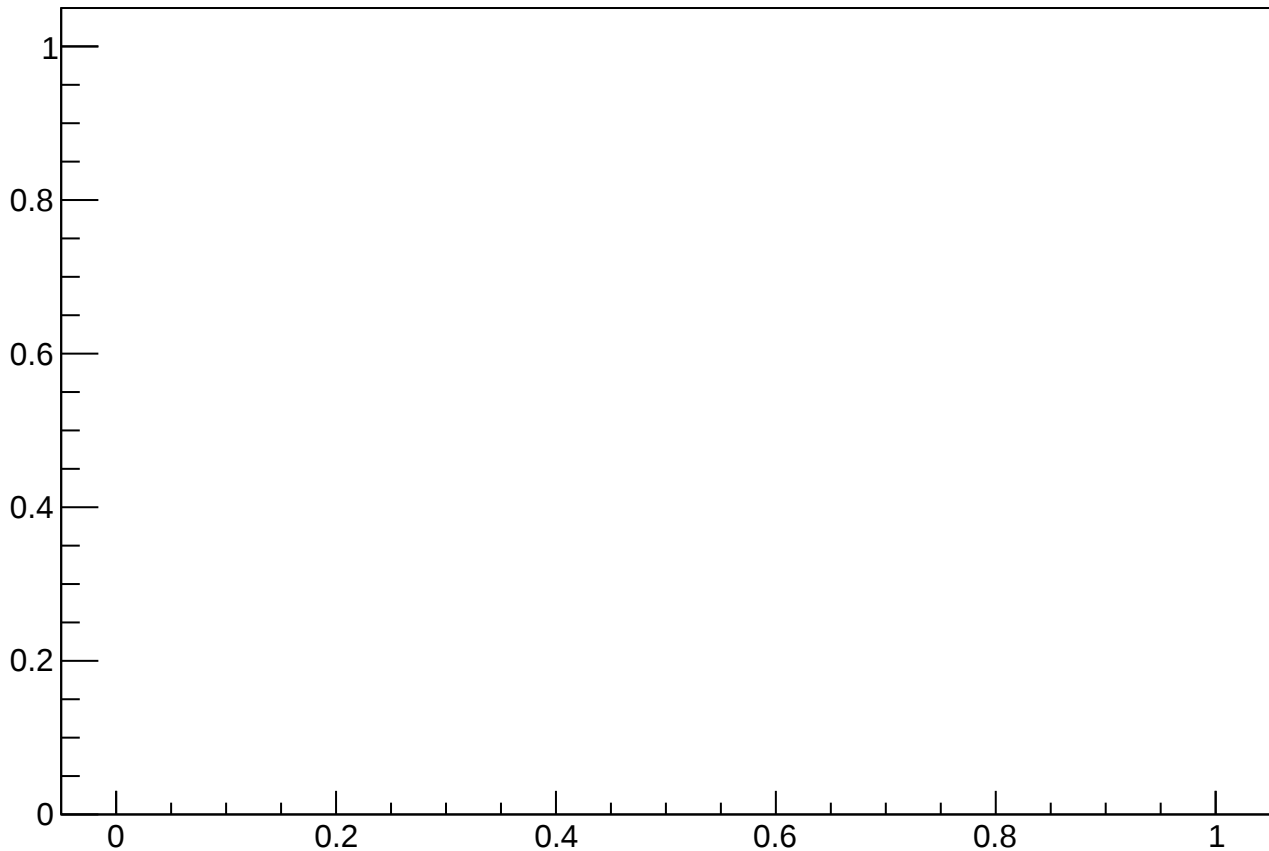
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

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

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

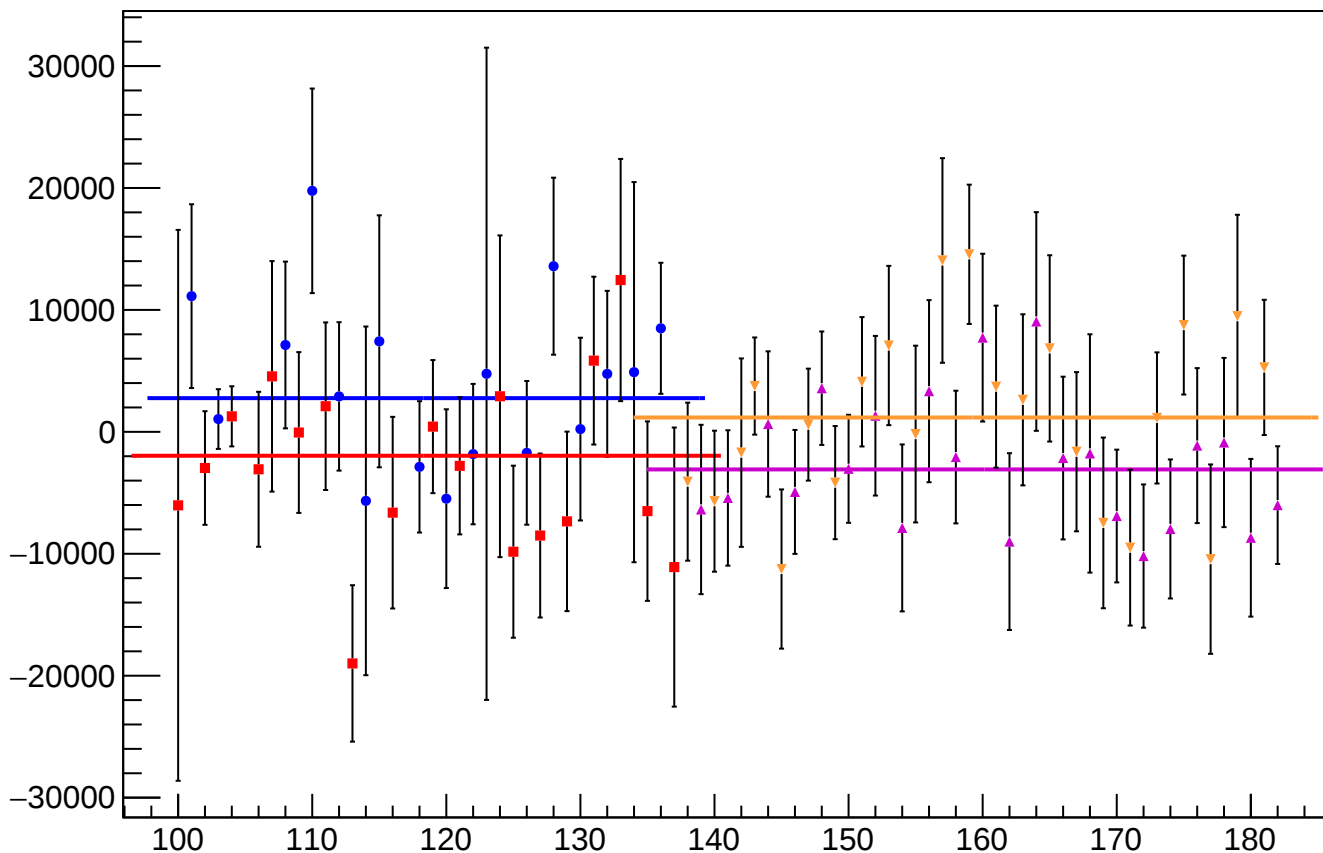
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2764.928+/-1455.950 χ^2/NDF : 13.9/16

Left Out: 1176.393+/-1258.759 χ^2/NDF : 27.4/22

Right Out: -1959.806+/-1383.928 χ^2/NDF : 17.6/18

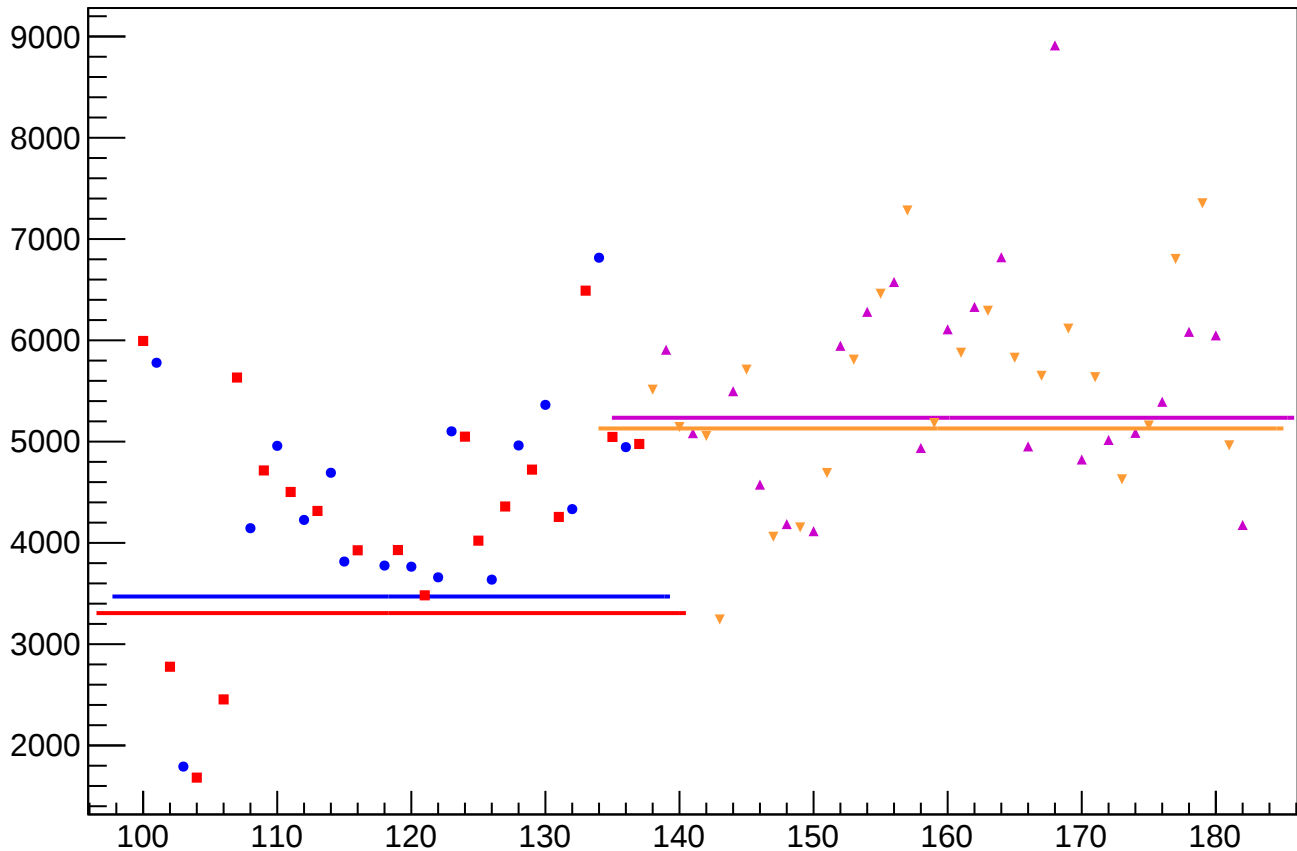
Left In: -3081.714+/-1285.702 χ^2/NDF : 13.7/21

+ sign 1855.878+/-952.221 χ^2/NDF : 42.0/39

All: -377.028+/-669.658 χ^2/NDF : 84.6/80

- sign -2561.984+/-941.942 χ^2/NDF : 31.7/40

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.650+/-1.029 χ^2/NDF : 1765892.2/16

Left Out: 5129.847+/-0.890 χ^2/NDF : 1319630.9/22

Right Out: 3306.828+/-0.970 χ^2/NDF : 1911650.7/18

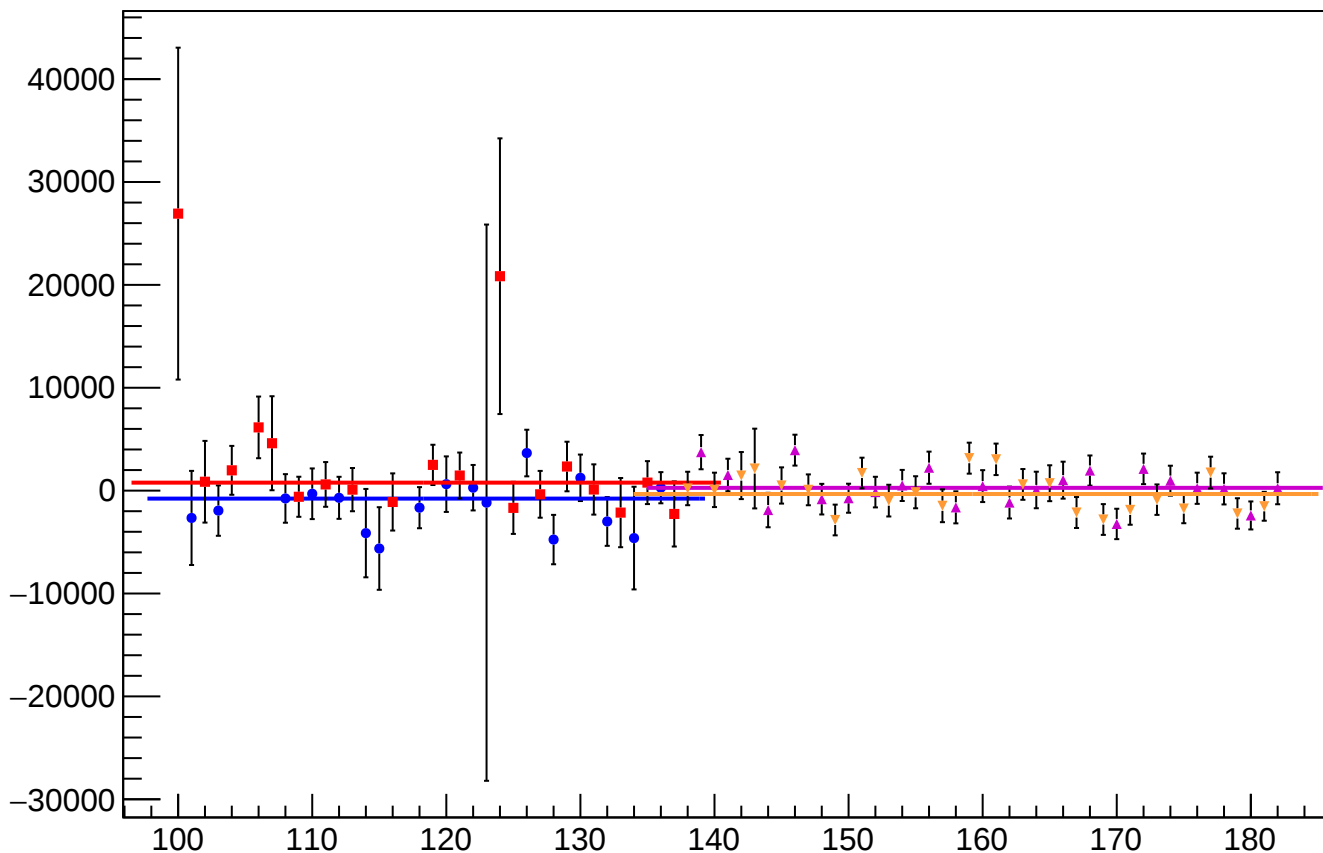
Left In: 5235.485+/-0.909 χ^2/NDF : 1029720.5/21

+ sign 4420.116+/-0.673 χ^2/NDF : 4571926.0/39

All: 4375.993+/-0.472 χ^2/NDF : 9627260.0/80

- sign 4333.185+/-0.663 χ^2/NDF : 5046873.2/40

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -774.709+/-605.594 χ^2/NDF : 12.5/16

Left Out: -328.715+/-329.137 χ^2/NDF : 28.5/22

Right Out: 776.735+/-596.676 χ^2/NDF : 14.3/18

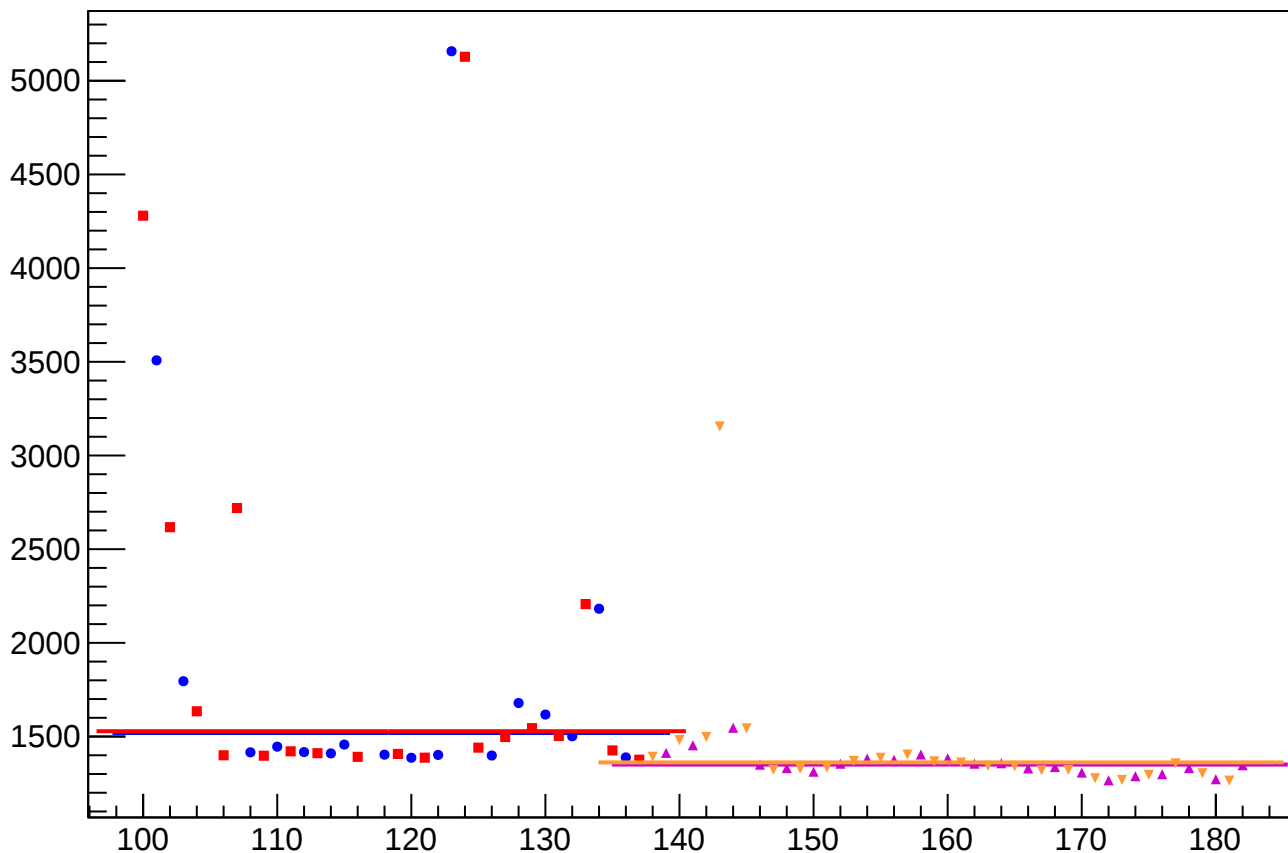
Left In: 270.490+/-326.869 χ^2/NDF : 30.5/21

+ sign -430.415+/-289.186 χ^2/NDF : 41.5/39

All: -17.964+/-203.590 χ^2/NDF : 90.9/80

- sign 387.346+/-286.671 χ^2/NDF : 45.4/40

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1519.171+/-0.428 χ^2/NDF : 537680.2/16

Left Out: 1361.978+/-0.233 χ^2/NDF : 507666.7/22

Right Out: 1528.435+/-0.422 χ^2/NDF : 631166.4/18

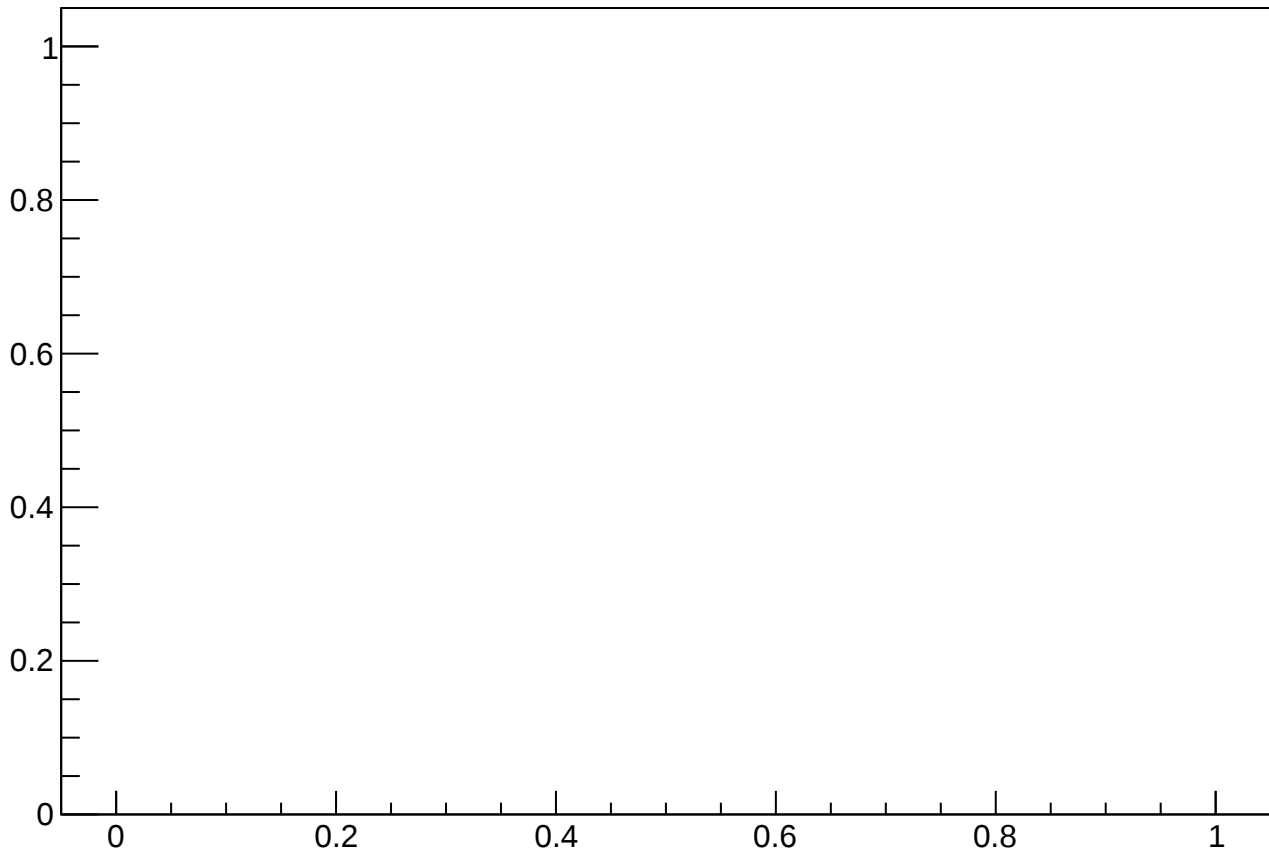
Left In: 1350.378+/-0.231 χ^2/NDF : 66798.2/21

+ sign 1397.823+/-0.204 χ^2/NDF : 1149372.0/39

All: 1394.623+/-0.144 χ^2/NDF : 1984815.3/80

- sign 1391.479+/-0.203 χ^2/NDF : 834957.9/40

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

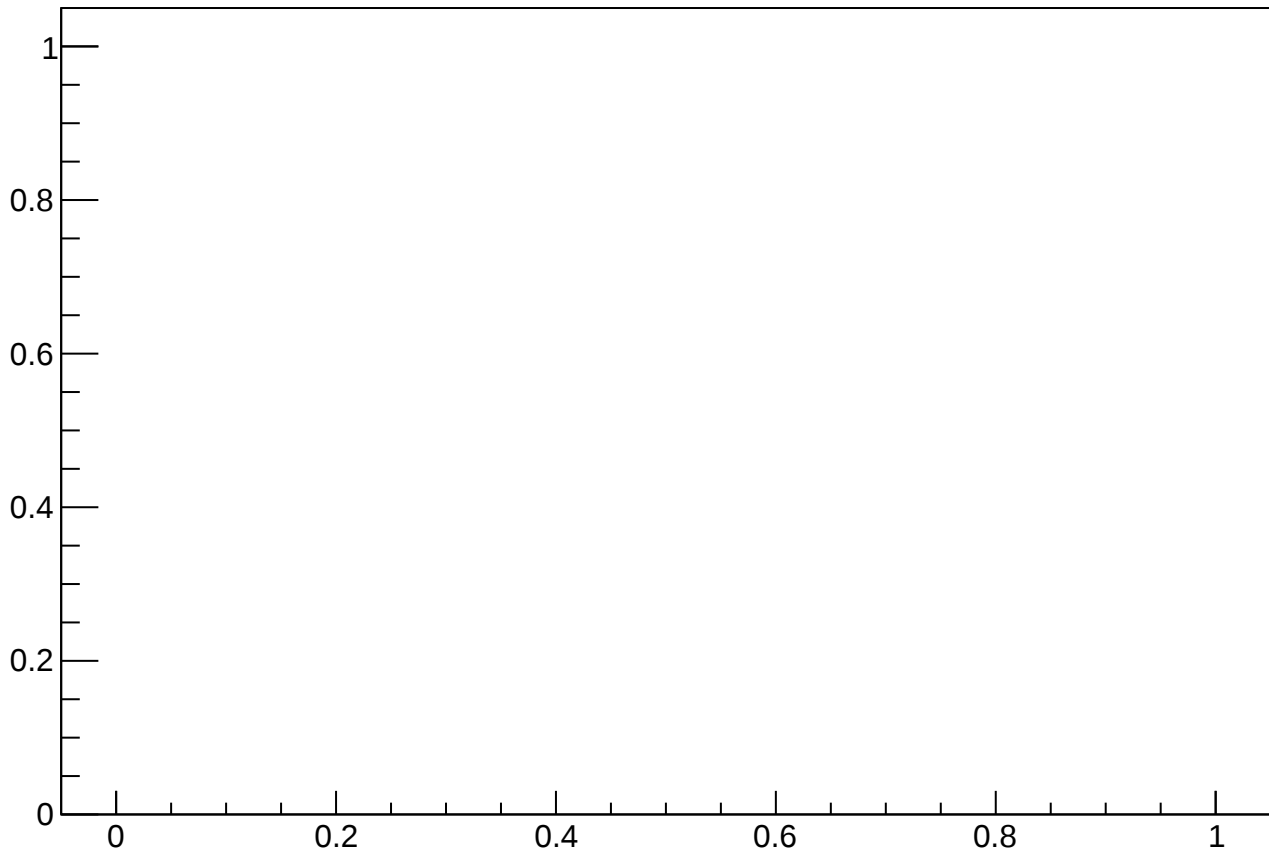
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

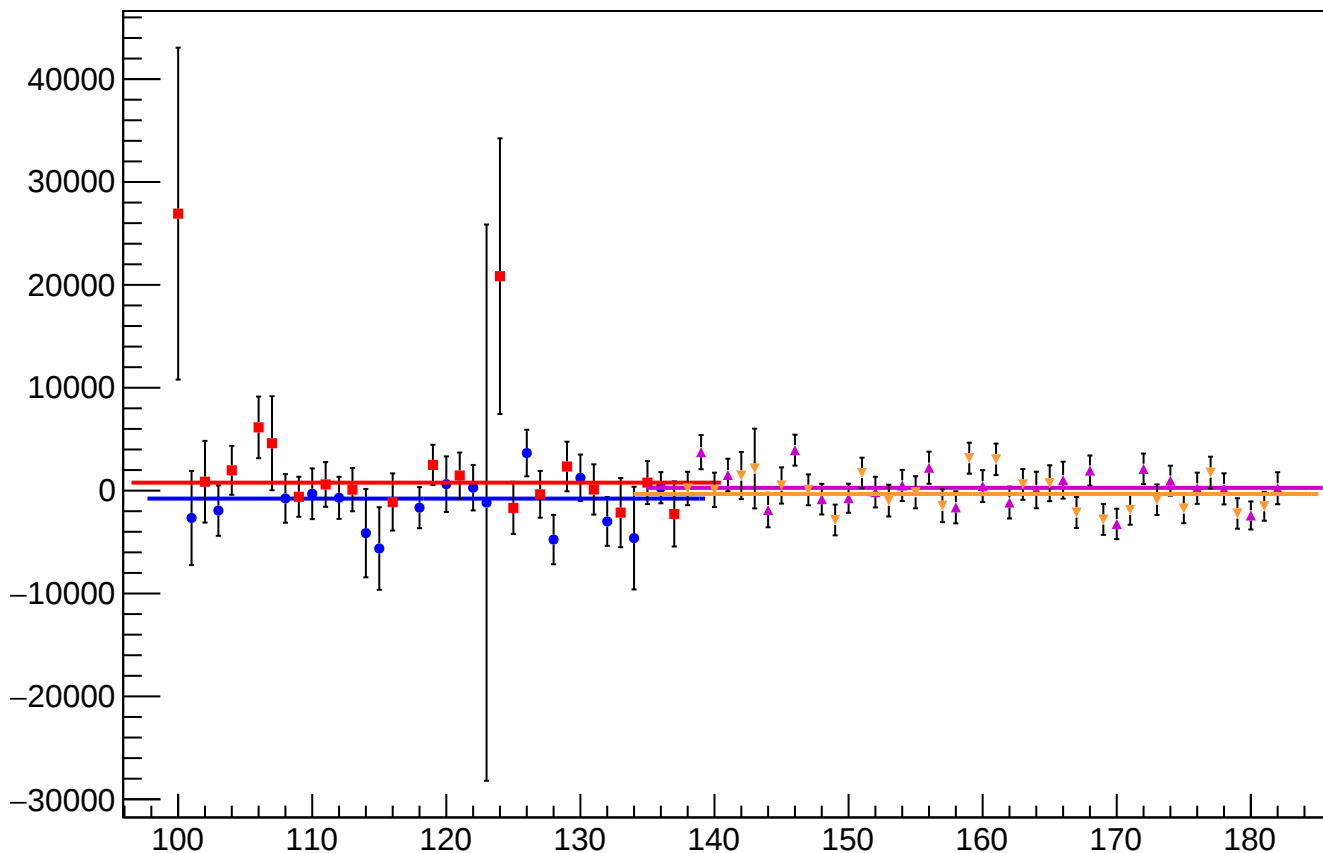
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -774.709 ± 605.594 χ^2/NDF : 12.5/16

Left Out: -328.715 ± 329.137 χ^2/NDF : 28.5/22

Right Out: 776.735 ± 596.676 χ^2/NDF : 14.3/18

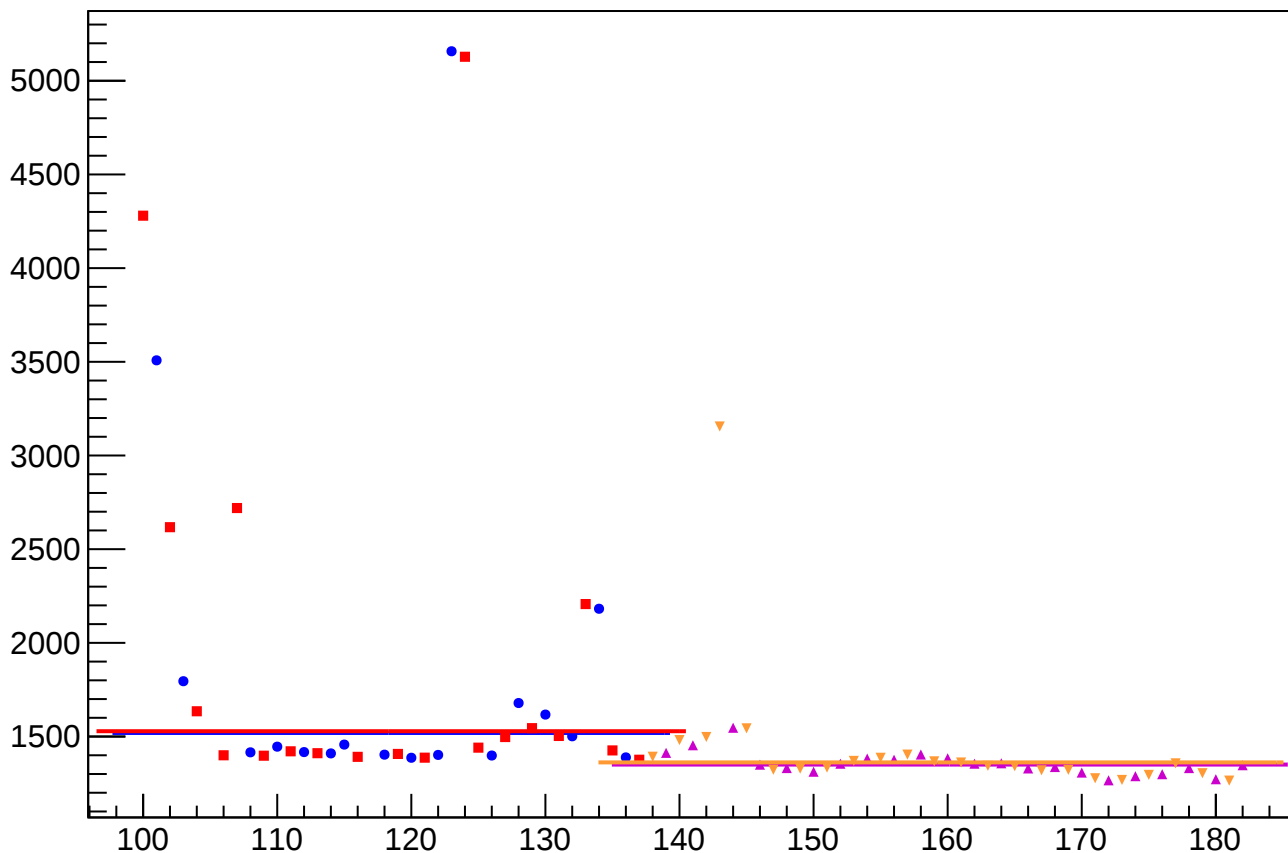
Left In: 270.490 ± 326.869 χ^2/NDF : 30.5/21

+ sign -430.415 ± 289.186 χ^2/NDF : 41.5/39

All: -17.964 ± 203.590 χ^2/NDF : 90.9/80

- sign 387.346 ± 286.671 χ^2/NDF : 45.4/40

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1519.171+/-0.428 χ^2/NDF : 537680.2/16

Left Out: 1361.978+/-0.233 χ^2/NDF : 507666.7/22

Right Out: 1528.435+/-0.422 χ^2/NDF : 631166.4/18

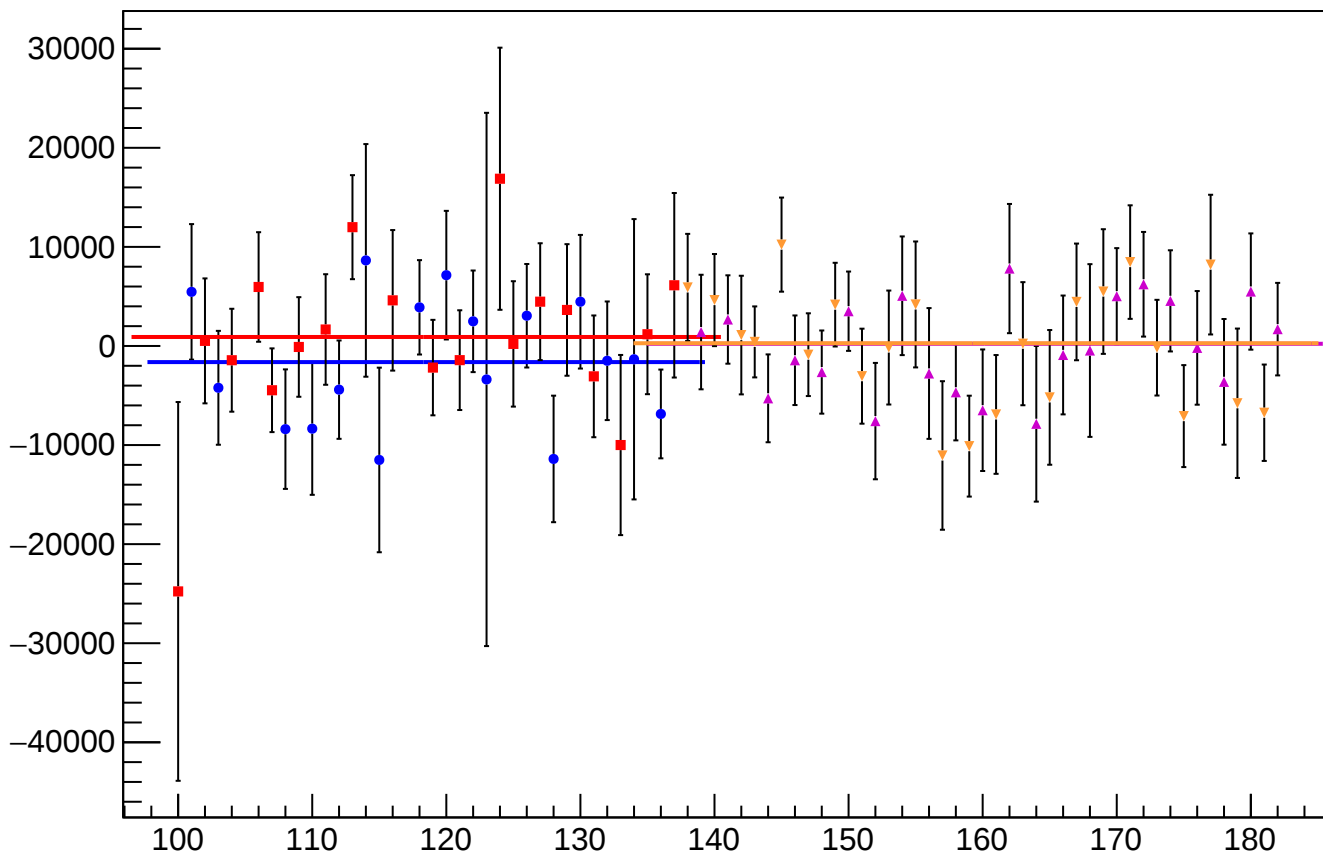
Left In: 1350.378+/-0.231 χ^2/NDF : 66798.2/21

+ sign 1397.823+/-0.204 χ^2/NDF : 1149372.0/39

All: 1394.623+/-0.144 χ^2/NDF : 1984815.3/80

- sign 1391.479+/-0.203 χ^2/NDF : 834957.9/40

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1626.973+/-1517.678 χ^2/NDF : 14.9/16

Left Out: 276.275+/-1104.649 χ^2/NDF : 26.0/22

Right Out: 908.006+/-1381.849 χ^2/NDF : 14.1/18

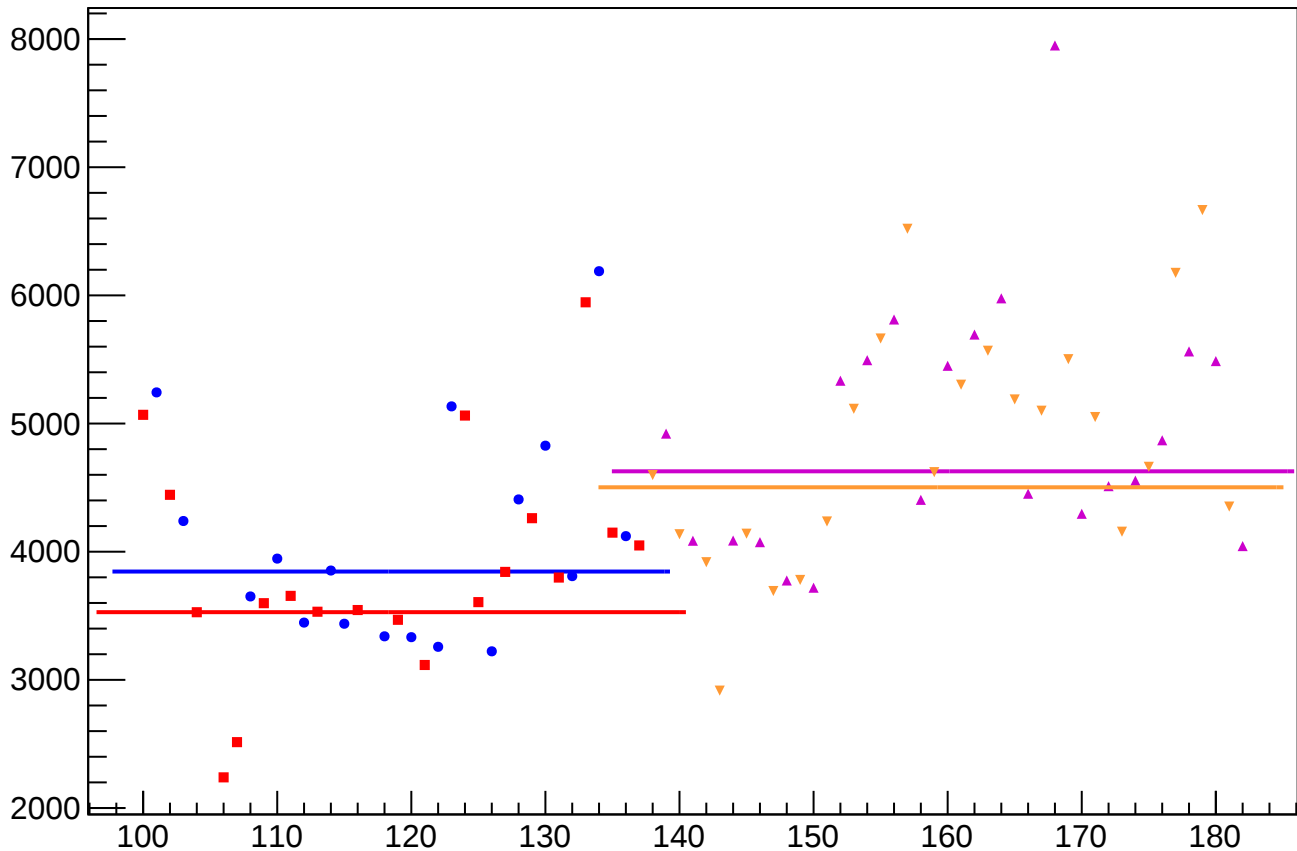
Left In: 221.972+/-1135.417 χ^2/NDF : 14.7/21

+ sign -382.835+/-893.122 χ^2/NDF : 41.9/39

All: 65.709+/-625.851 χ^2/NDF : 71.3/80

- sign 498.466+/-877.265 χ^2/NDF : 28.9/40

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3845.187 $\pm$ 1.073 χ^2 /NDF: 326944.8/16

Left Out: 4502.561 $\pm$ 0.781 χ^2 /NDF:1306953.5/22

Right Out: 3528.231 $\pm$ 0.968 χ^2 /NDF: 556307.5/18

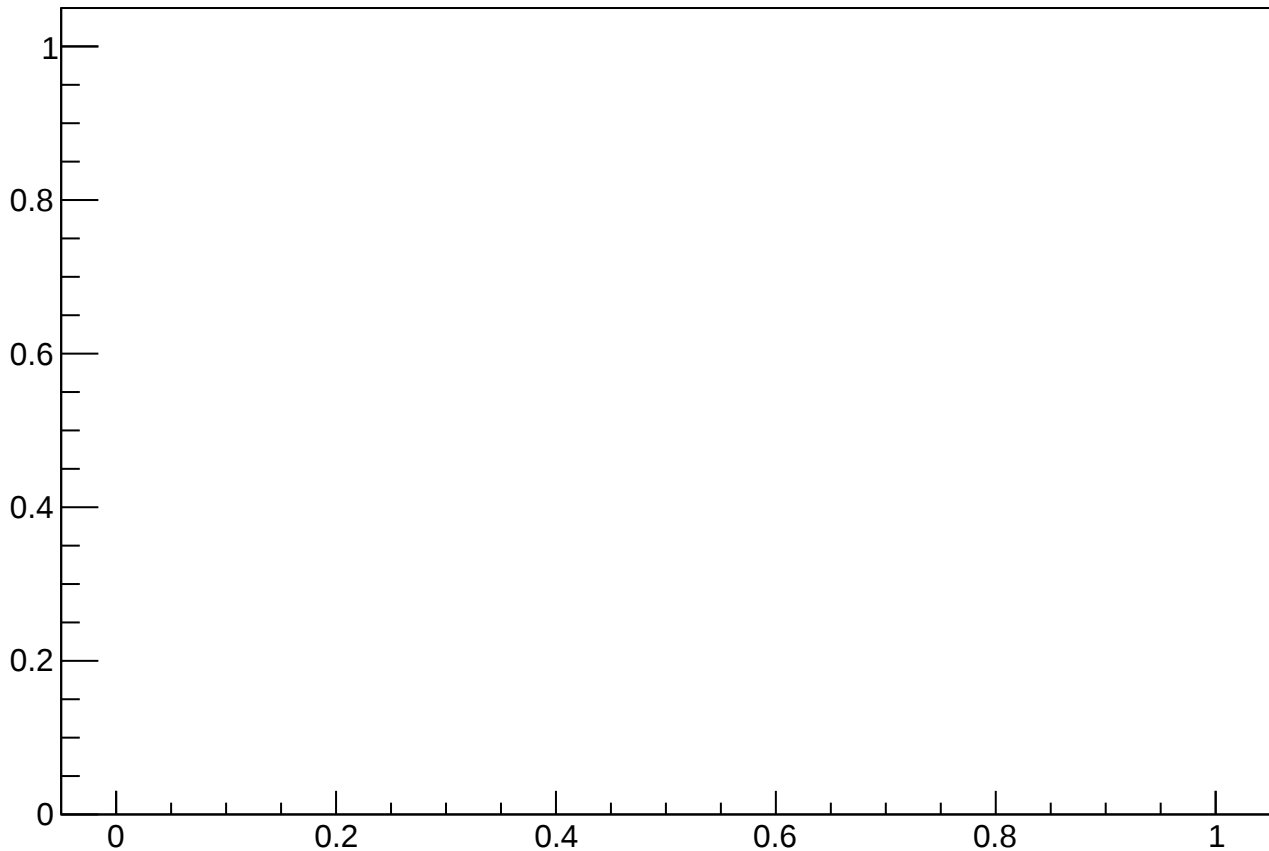
Left In: 4627.265 $\pm$ 0.803 χ^2 /NDF:992212.6/21

+ sign 4274.899 $\pm$ 0.632 χ^2 /NDF: 1879191.2/39

All: 4226.148 $\pm$ 0.442 χ^2 /NDF: 4202894.2/80

- sign 4179.461 $\pm$ 0.618 χ^2 /NDF: 2312037.0/40

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

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

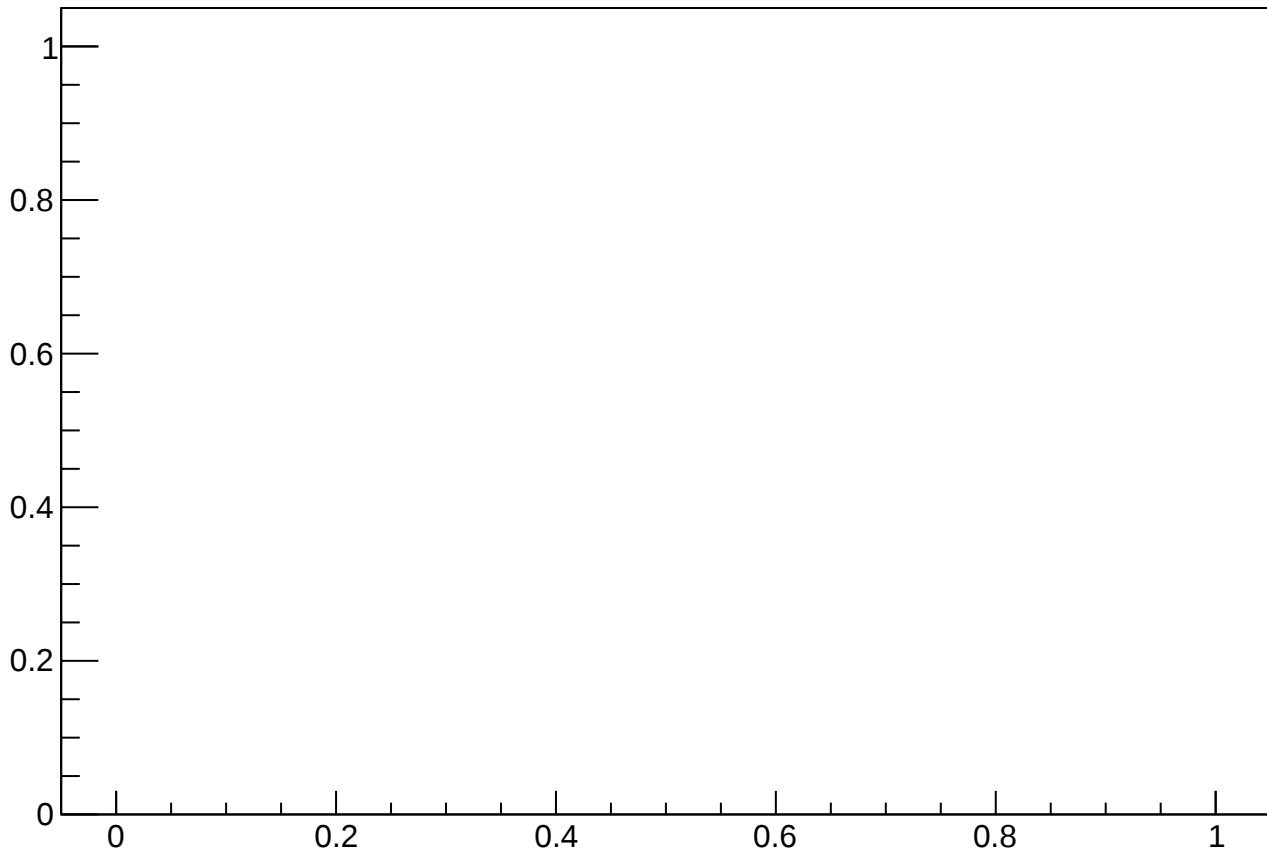
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

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

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

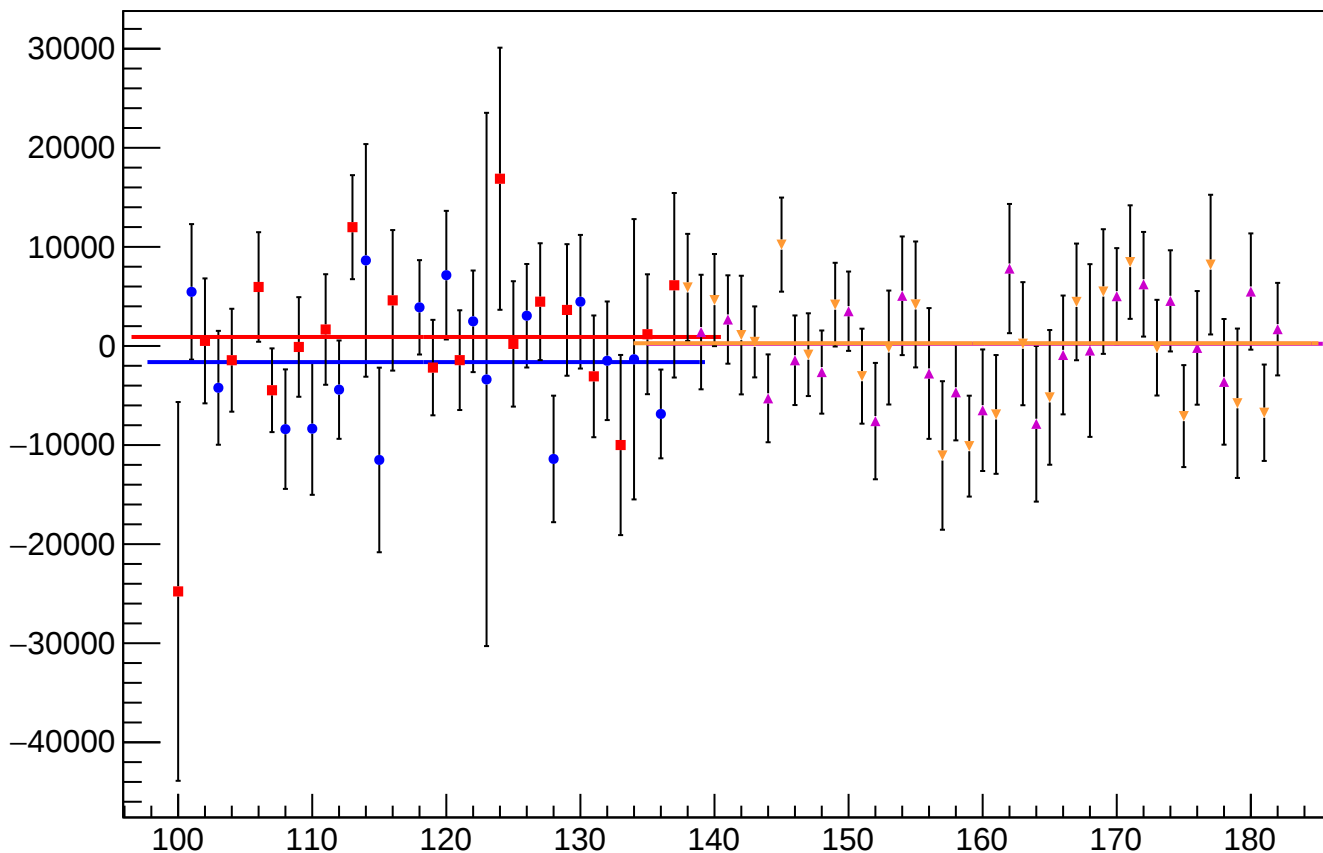
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1626.973+/-1517.678 χ^2/NDF : 14.9/16

Left Out: 276.275+/-1104.649 χ^2/NDF : 26.0/22

Right Out: 908.006+/-1381.849 χ^2/NDF : 14.1/18

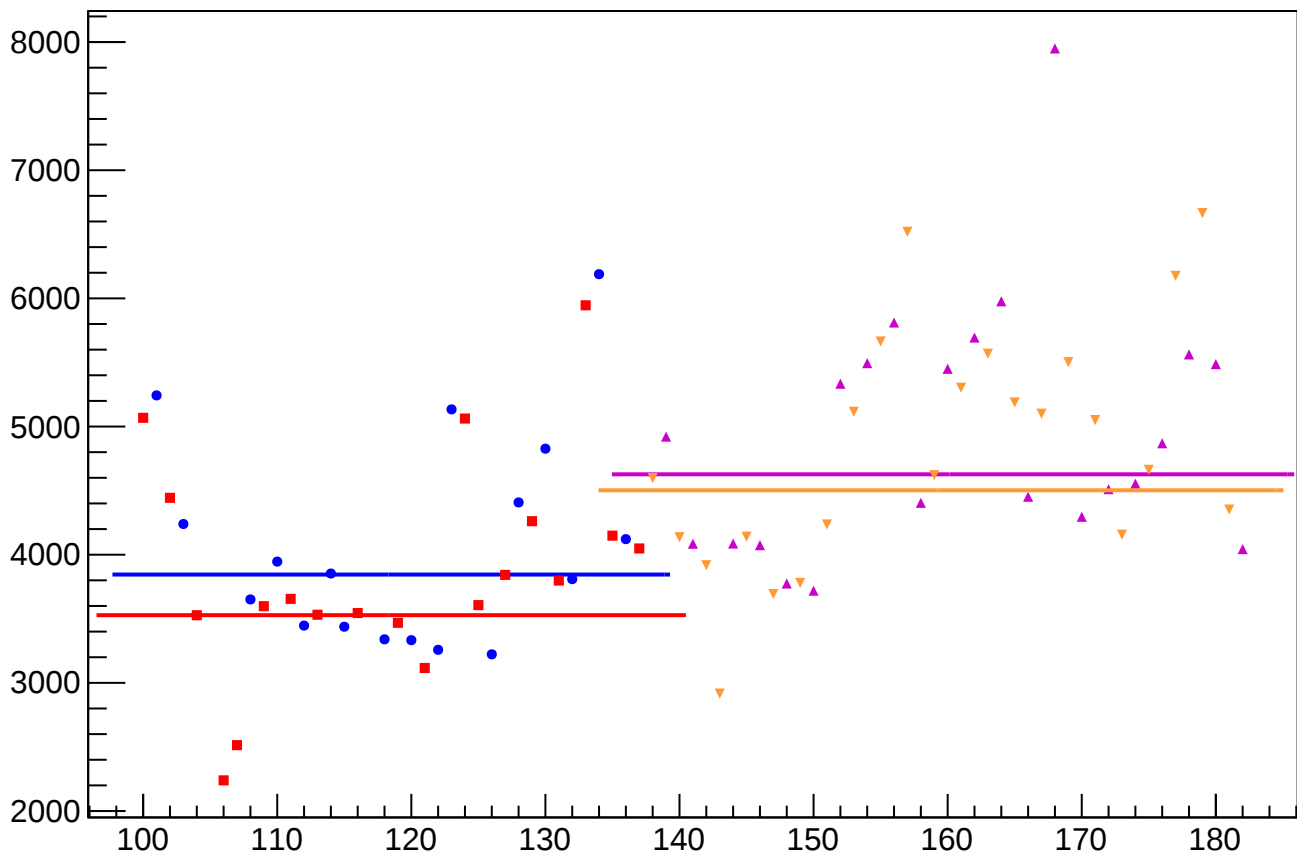
Left In: 221.972+/-1135.417 χ^2/NDF : 14.7/21

+ sign -382.835+/-893.122 χ^2/NDF : 41.9/39

All: 65.709+/-625.851 χ^2/NDF : 71.3/80

- sign 498.466+/-877.265 χ^2/NDF : 28.9/40

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3845.187+/-1.073 χ^2/NDF : 326944.8/16

Left Out: 4502.561+/-0.781 χ^2/NDF :1306953.5/22

Right Out: 3528.231+/-0.968 χ^2/NDF : 556307.5/18

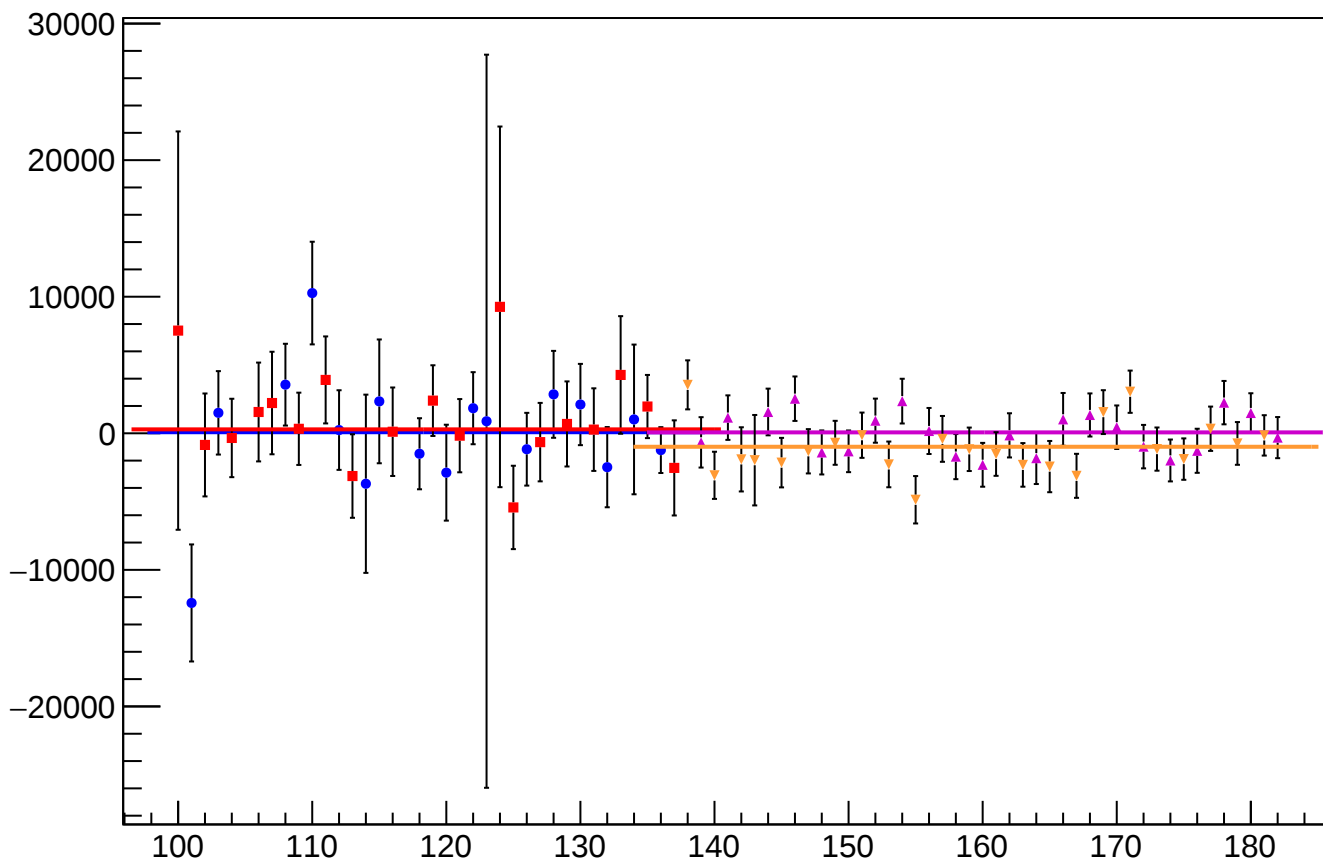
Left In: 4627.265+/-0.803 χ^2/NDF :992212.6/21

+ sign 4274.899+/-0.632 χ^2/NDF : 1879191.2/39

All: 4226.148+/-0.442 χ^2/NDF : 4202894.2/80

- sign 4179.461+/-0.618 χ^2/NDF : 2312037.0/40

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 78.213+/-752.844 χ^2/NDF : 22.4/16

Left Out: -986.551+/-350.678 χ^2/NDF : 28.4/22

Right Out: 287.747+/-736.056 χ^2/NDF : 10.1/18

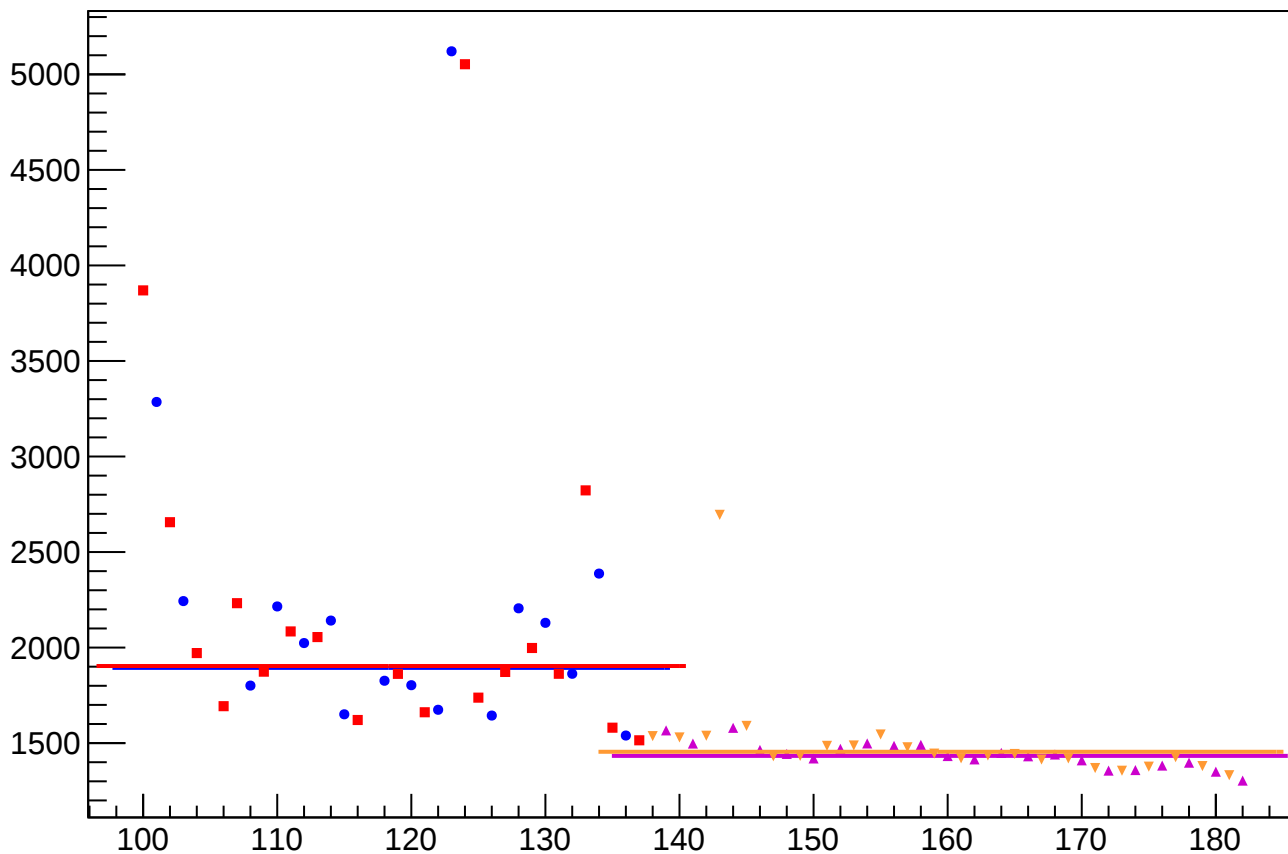
Left In: 66.529+/-346.847 χ^2/NDF : 18.7/21

+ sign -796.715+/-317.884 χ^2/NDF : 52.4/39

All: -339.093+/-223.304 χ^2/NDF : 85.4/80

- sign 106.725+/-313.757 χ^2/NDF : 28.9/40

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1893.797 $\pm$ 0.532 χ^2 /NDF: 466447.3/16

Left Out: 1454.672 $\pm$ 0.248 χ^2 /NDF: 352054.3/22

Right Out: 1903.476 $\pm$ 0.520 χ^2 /NDF: 460230.4/18

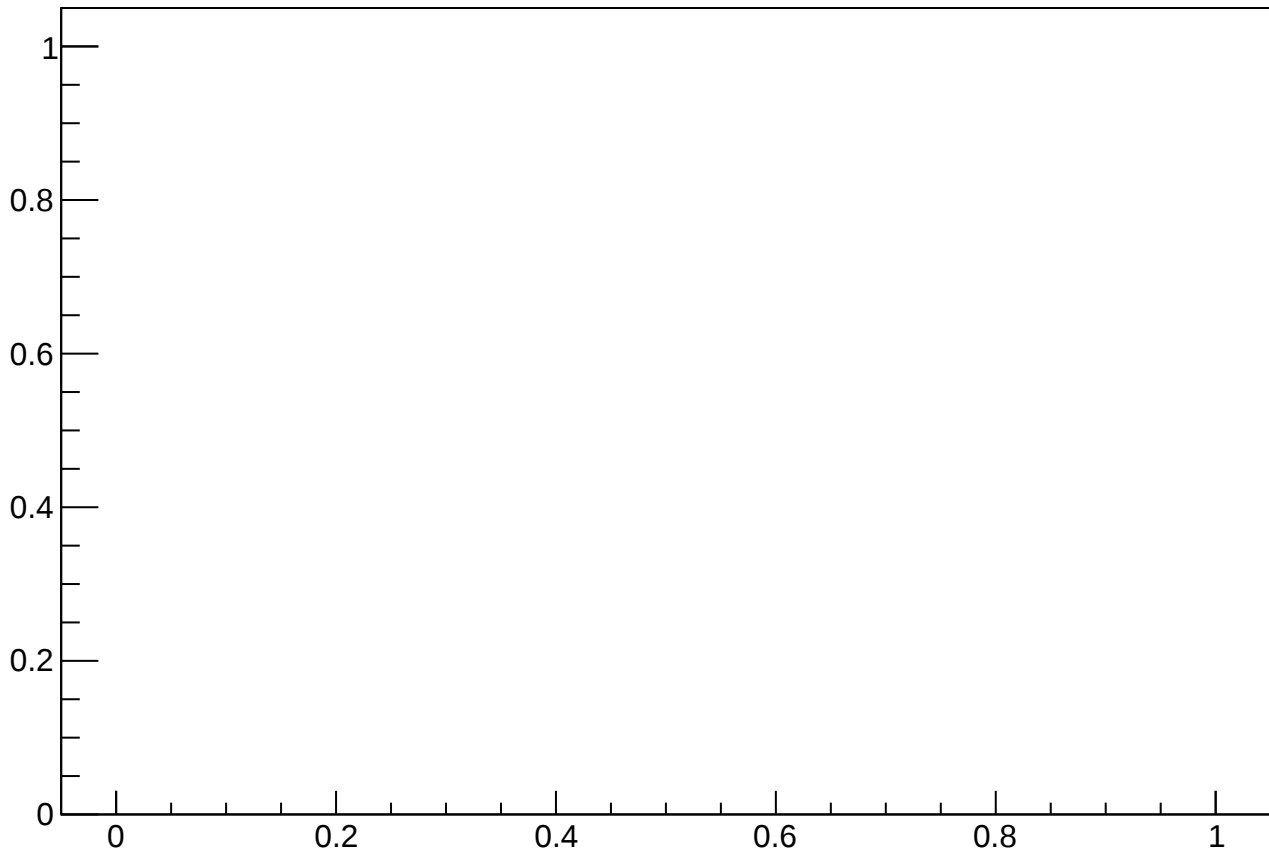
Left In: 1433.177 $\pm$ 0.245 χ^2 /NDF: 72434.2/21

+ sign 1532.964 $\pm$ 0.225 χ^2 /NDF: 1377640.7/39

All: 1525.706 $\pm$ 0.158 χ^2 /NDF: 2580518.5/80

- sign 1518.634 $\pm$ 0.222 χ^2 /NDF: 1200819.2/40

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

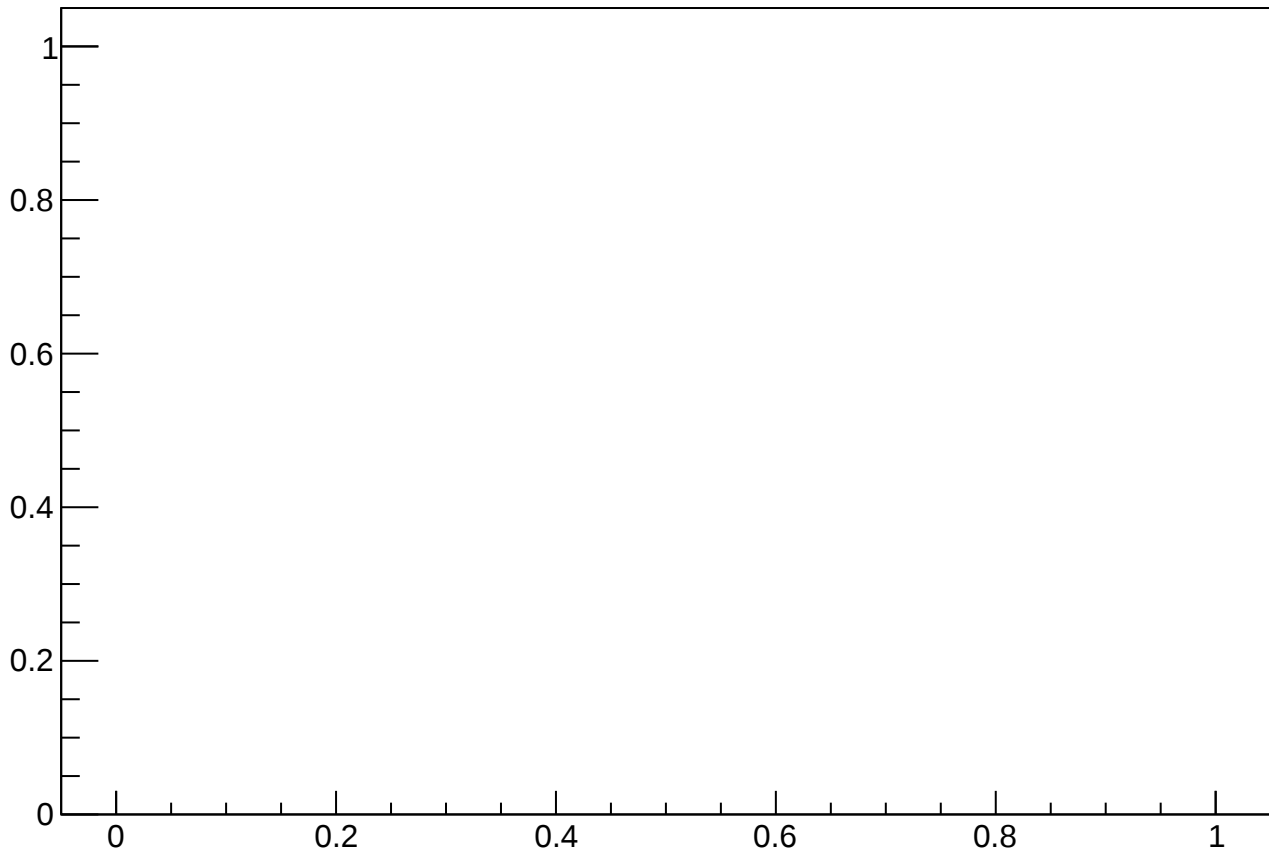
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

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

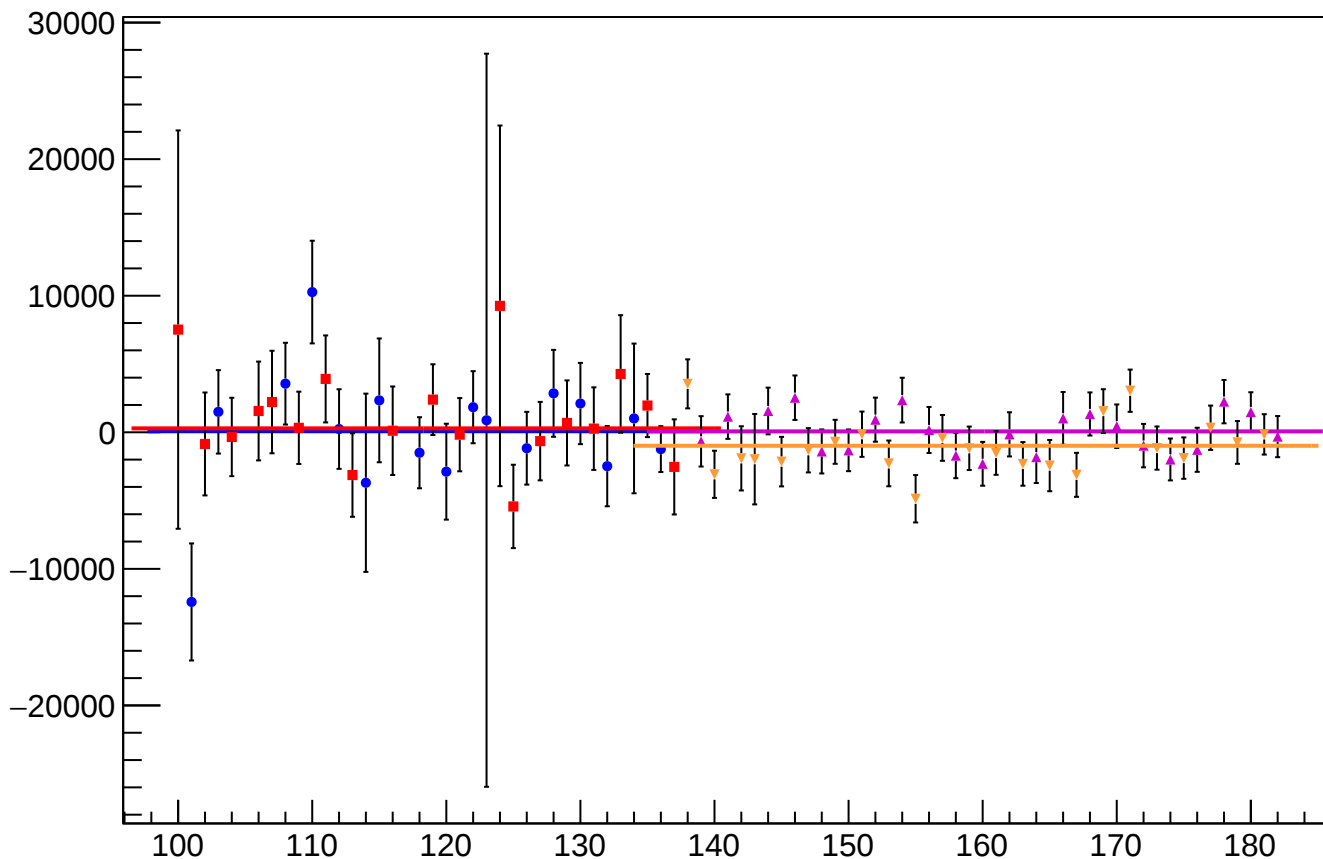
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

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

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 78.213+/-752.844 χ^2/NDF : 22.4/16

Left Out: -986.551+/-350.678 χ^2/NDF : 28.4/22

Right Out: 287.747+/-736.056 χ^2/NDF : 10.1/18

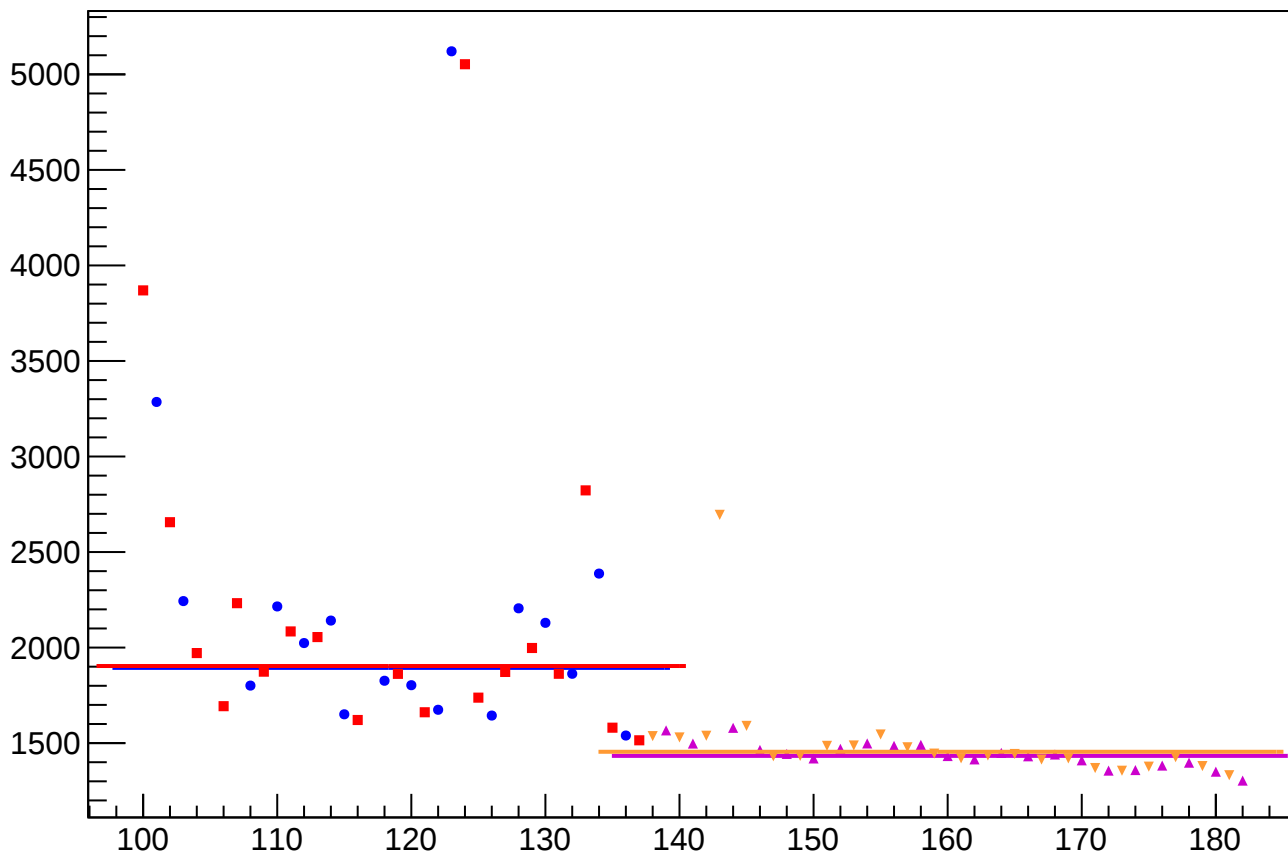
Left In: 66.529+/-346.847 χ^2/NDF : 18.7/21

+ sign -796.715+/-317.884 χ^2/NDF : 52.4/39

All: -339.093+/-223.304 χ^2/NDF : 85.4/80

- sign 106.725+/-313.757 χ^2/NDF : 28.9/40

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1893.797+/-0.532 χ^2/NDF : 466447.3/16

Left Out: 1454.672+/-0.248 χ^2/NDF : 352054.3/22

Right Out: 1903.476+/-0.520 χ^2/NDF : 460230.4/18

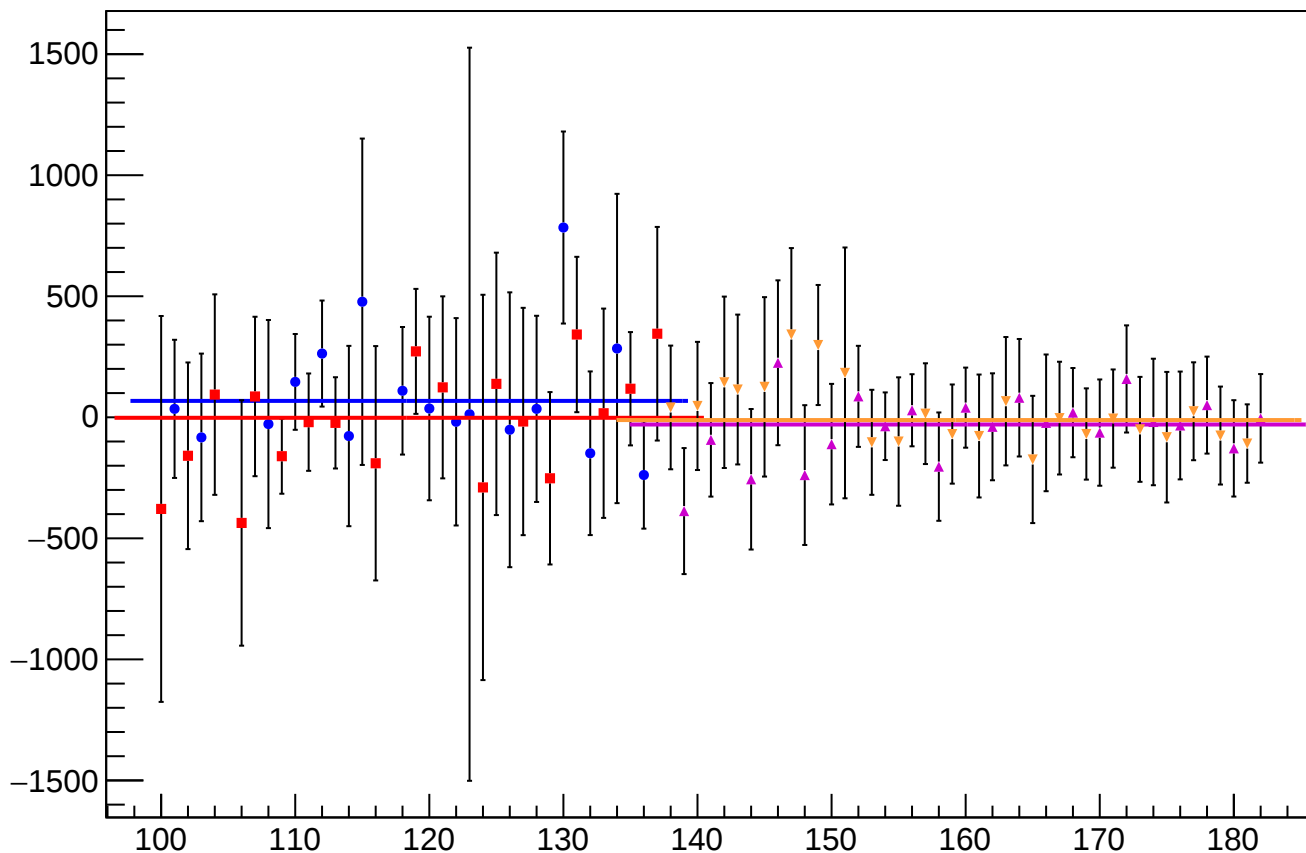
Left In: 1433.177+/-0.245 χ^2/NDF : 72434.2/21

+ sign 1532.964+/-0.225 χ^2/NDF : 1377640.7/39

All: 1525.706+/-0.158 χ^2/NDF : 2580518.5/80

- sign 1518.634+/-0.222 χ^2/NDF : 1200819.2/40

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.747 ± 79.837 χ^2/NDF : 7.5/16

Left Out: -11.444 ± 49.834 χ^2/NDF : 4.9/22

Right Out: -2.060 ± 70.020 χ^2/NDF : 6.4/18

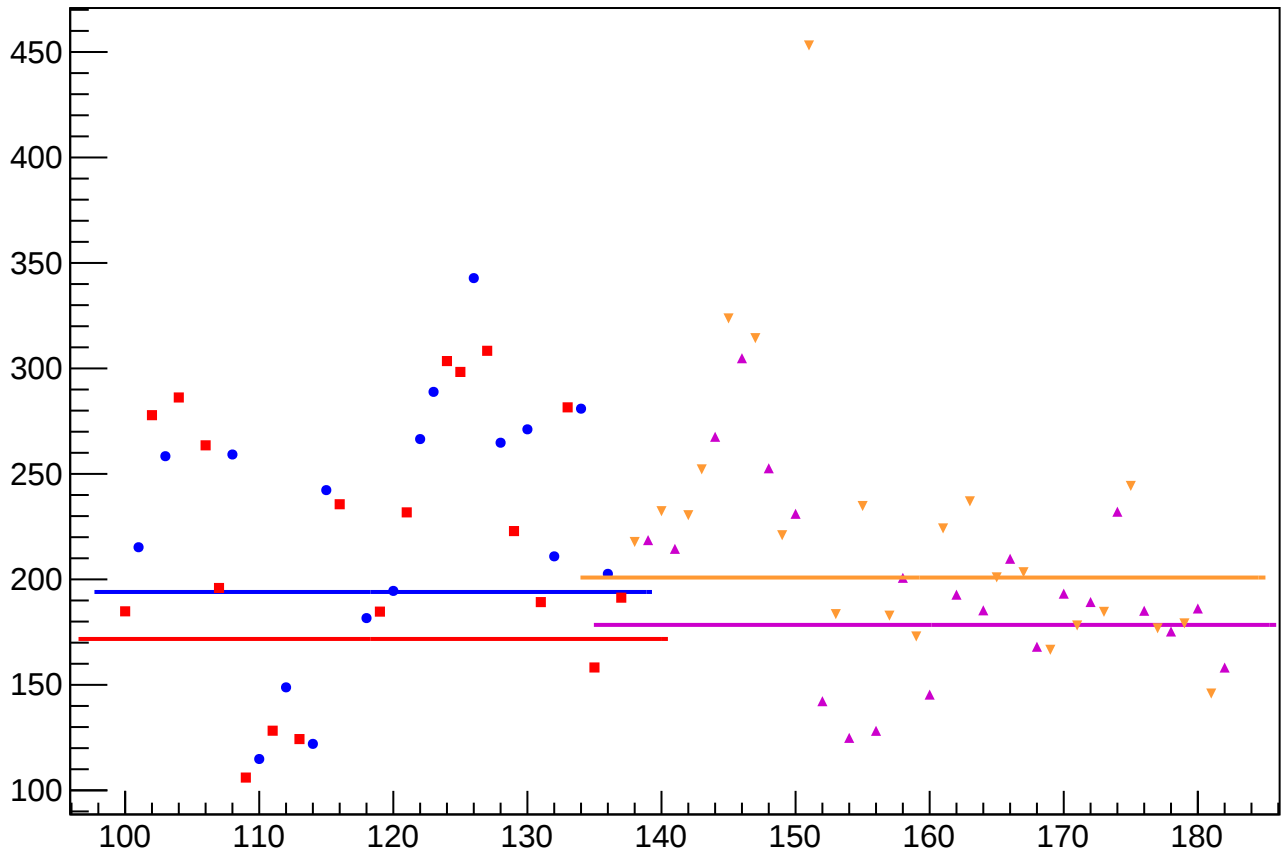
Left In: -29.776 ± 45.043 χ^2/NDF : 6.5/21

+ sign 10.760 ± 42.275 χ^2/NDF : 13.1/39

All: -7.224 ± 28.212 χ^2/NDF : 26.5/80

- sign -21.664 ± 37.882 χ^2/NDF : 13.0/40

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.032 $\pm$ 0.056 χ^2 /NDF: 1011944.3/16

Left Out: 200.873 $\pm$ 0.035 χ^2 /NDF:1603021.5/22

Right Out: 171.760 $\pm$ 0.050 χ^2 /NDF: 1571617.5/18

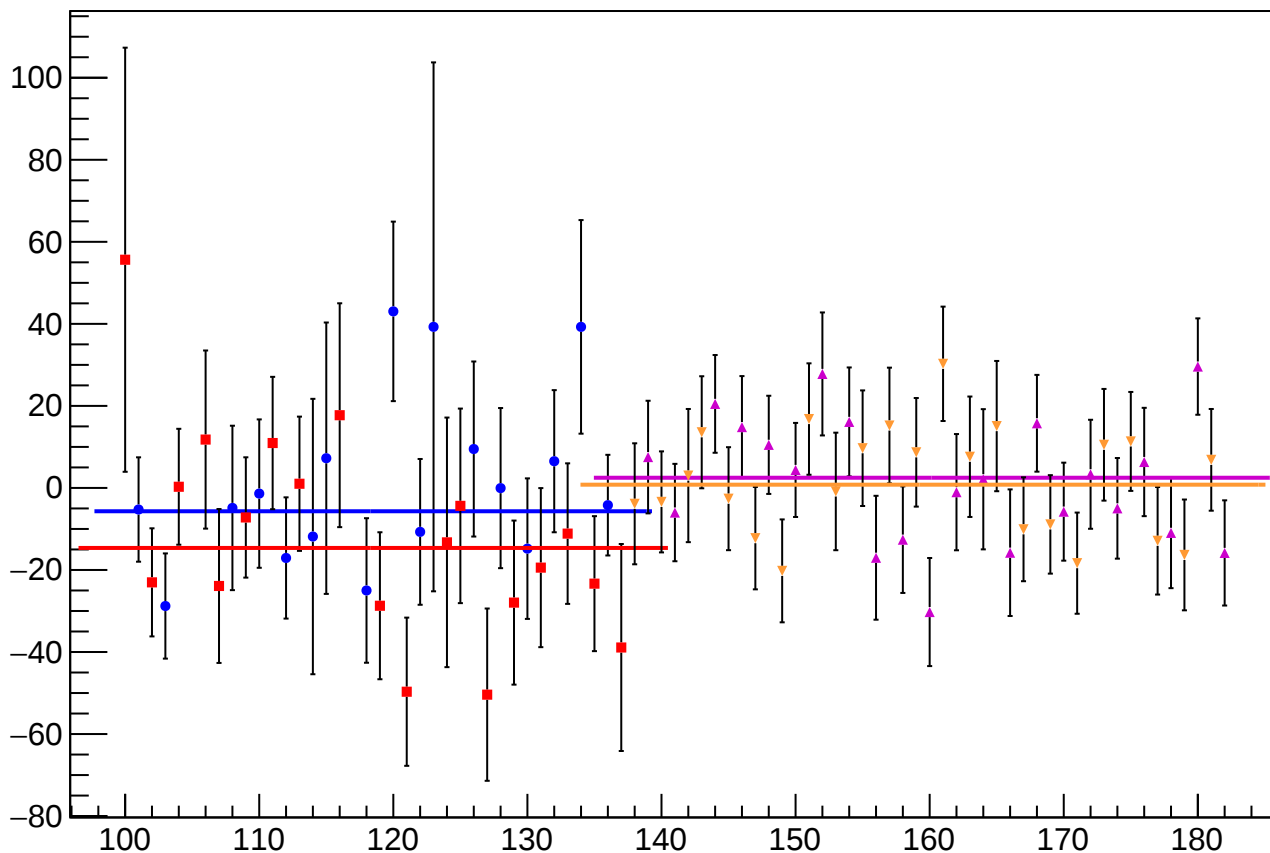
Left In: 178.426 $\pm$ 0.032 χ^2 /NDF:1631187.0/21

+ sign 198.955 $\pm$ 0.030 χ^2 /NDF: 2625533.5/39

All: 186.487 $\pm$ 0.020 χ^2 /NDF: 6154835.5/80

- sign 176.475 $\pm$ 0.027 χ^2 /NDF: 3215622.8/40

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.687 ± 4.361 χ^2/NDF : 15.2/16

Left Out: 0.793 ± 2.783 χ^2/NDF : 21.8/22

Right Out: -14.630 ± 4.271 χ^2/NDF : 19.4/18

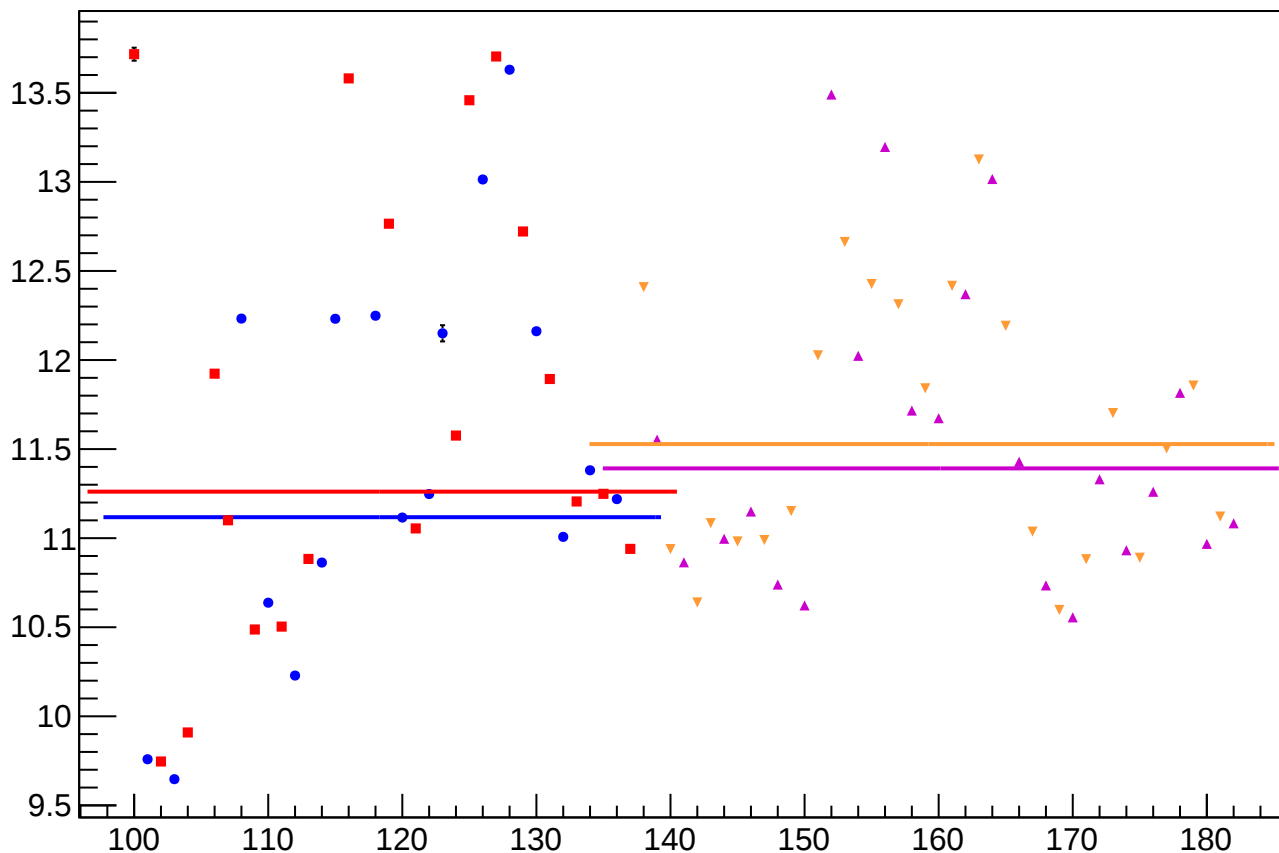
Left In: 2.484 ± 2.770 χ^2/NDF : 29.5/21

+ sign -1.083 ± 2.346 χ^2/NDF : 38.5/39

All: -1.839 ± 1.651 χ^2/NDF : 99.0/80

- sign -2.582 ± 2.324 χ^2/NDF : 60.2/40

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.118 $\pm$ 0.003 χ^2 /NDF: 131951.0/16

Left Out: 11.528 $\pm$ 0.002 χ^2 /NDF:124924.3/22

Right Out: 11.261 $\pm$ 0.003 χ^2 /NDF: 148698.3/18

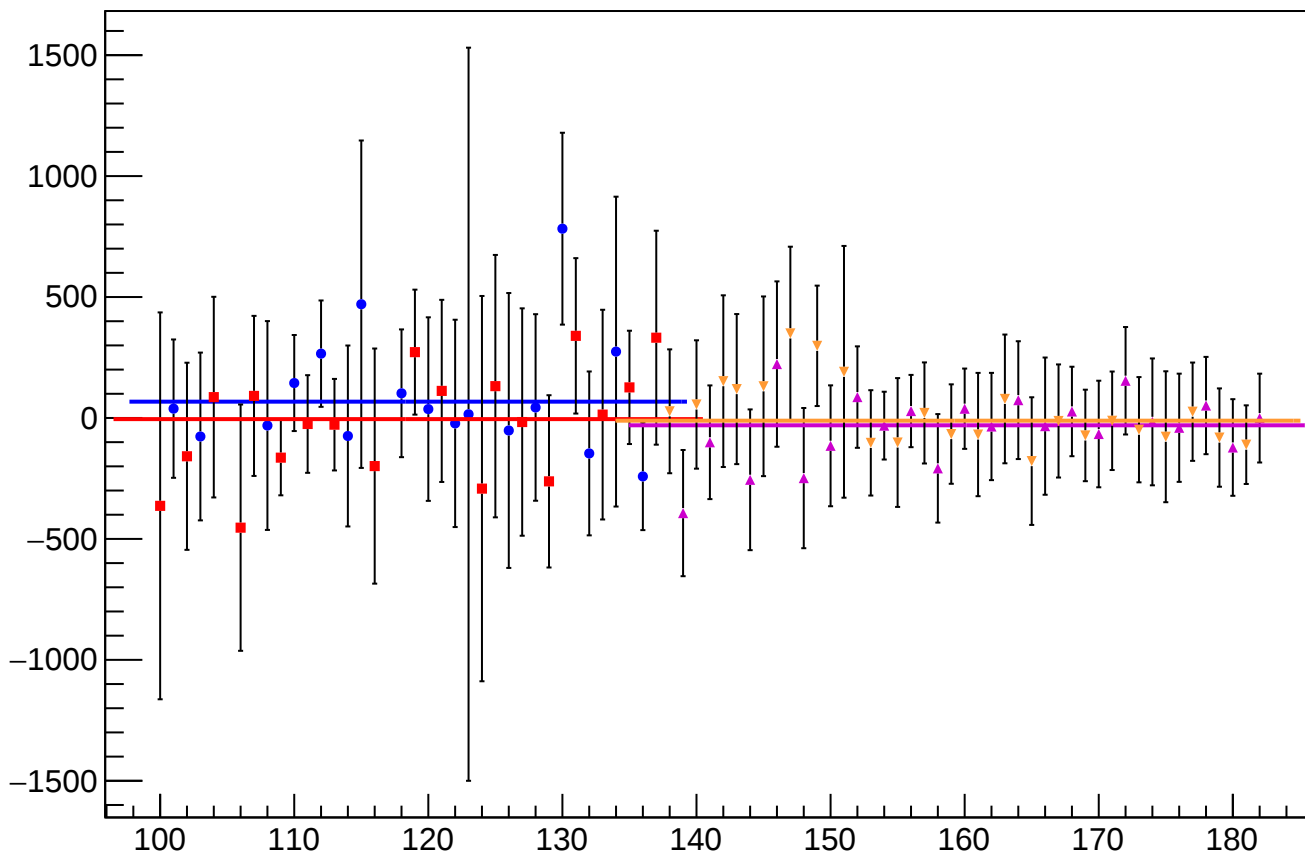
Left In: 11.392 $\pm$ 0.002 χ^2 /NDF:148956.5/21

+ sign 11.409 $\pm$ 0.002 χ^2 /NDF: 269461.9/39

All: 11.381 $\pm$ 0.001 χ^2 /NDF: 569013.1/80

- sign 11.353 $\pm$ 0.002 χ^2 /NDF: 298969.5/40

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.460 $\pm$ 80.048 χ^2 /NDF: 7.5/16

Left Out: -11.181 $\pm$ 50.019 χ^2 /NDF: 5.0/22

Right Out: -4.719 $\pm$ 70.224 χ^2 /NDF: 6.5/18

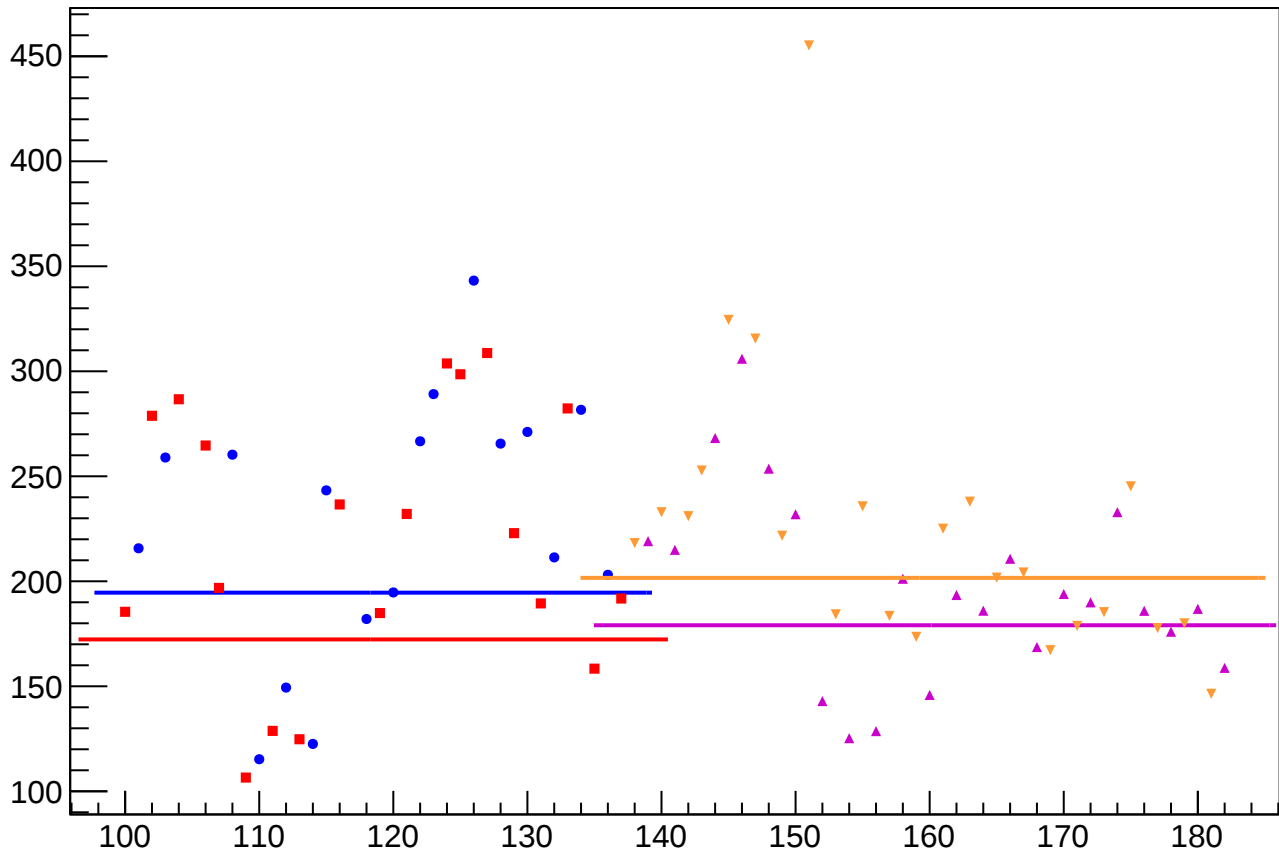
Left In: -30.285 $\pm$ 45.203 χ^2 /NDF: 6.5/21

+ sign 10.903 $\pm$ 42.419 χ^2 /NDF: 13.2/39

All: -7.788 $\pm$ 28.308 χ^2 /NDF: 26.7/80

- sign -22.795 $\pm$ 38.009 χ^2 /NDF: 13.1/40

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.582 $\pm$ 0.057 χ^2 /NDF: 1006984.2/16

Left Out: 201.623 $\pm$ 0.035 χ^2 /NDF:1600553.2/22

Right Out: 172.312 $\pm$ 0.050 χ^2 /NDF: 1564323.1/18

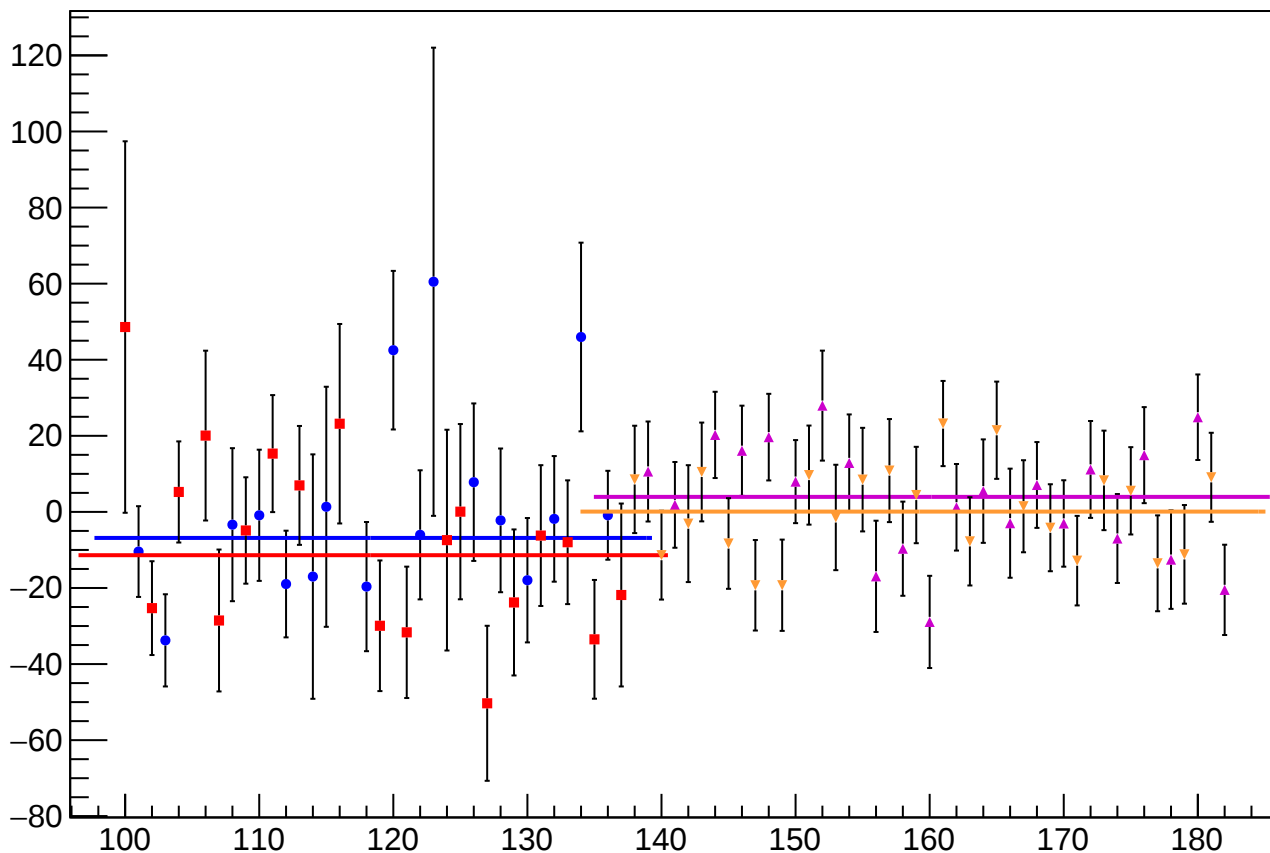
Left In: 179.061 $\pm$ 0.032 χ^2 /NDF:1629433.9/21

+ sign 199.646 $\pm$ 0.030 χ^2 /NDF: 2618665.8/39

All: 187.132 $\pm$ 0.020 χ^2 /NDF: 6139318.6/80

- sign 177.084 $\pm$ 0.027 χ^2 /NDF: 3206817.5/40

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.841 ± 4.162 χ^2/NDF : 19.4/16

Left Out: 0.083 ± 2.599 χ^2/NDF : 21.5/22

Right Out: -11.383 ± 4.086 χ^2/NDF : 22.7/18

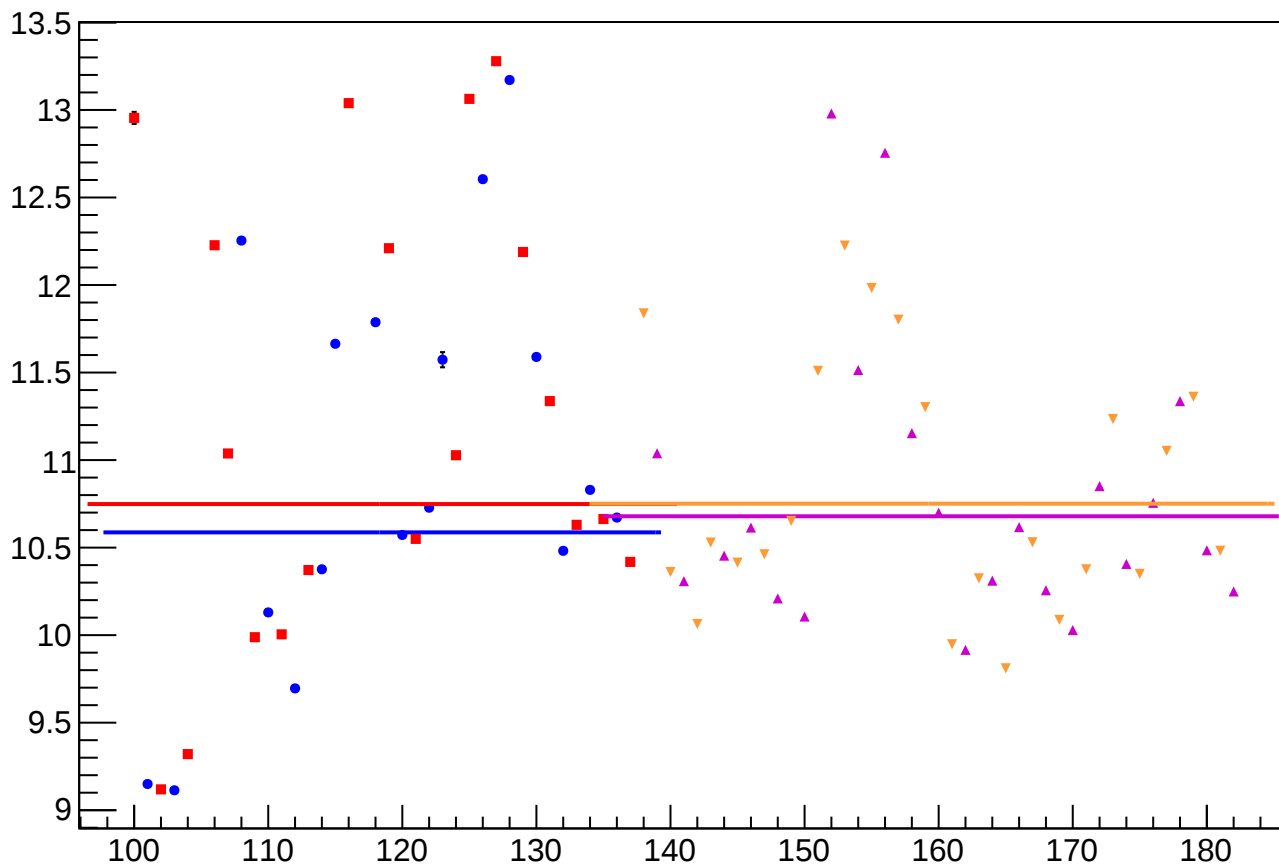
Left In: 3.949 ± 2.600 χ^2/NDF : 31.3/21

+ sign -1.861 ± 2.205 χ^2/NDF : 42.8/39

All: -1.161 ± 1.555 χ^2/NDF : 107.1/80

- sign -0.470 ± 2.193 χ^2/NDF : 64.1/40

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.587 $\pm$ 0.003 χ^2 /NDF: 159222.7/16

Left Out: 10.751 $\pm$ 0.002 χ^2 /NDF:128322.5/22

Right Out: 10.749 $\pm$ 0.003 χ^2 /NDF: 178183.6/18

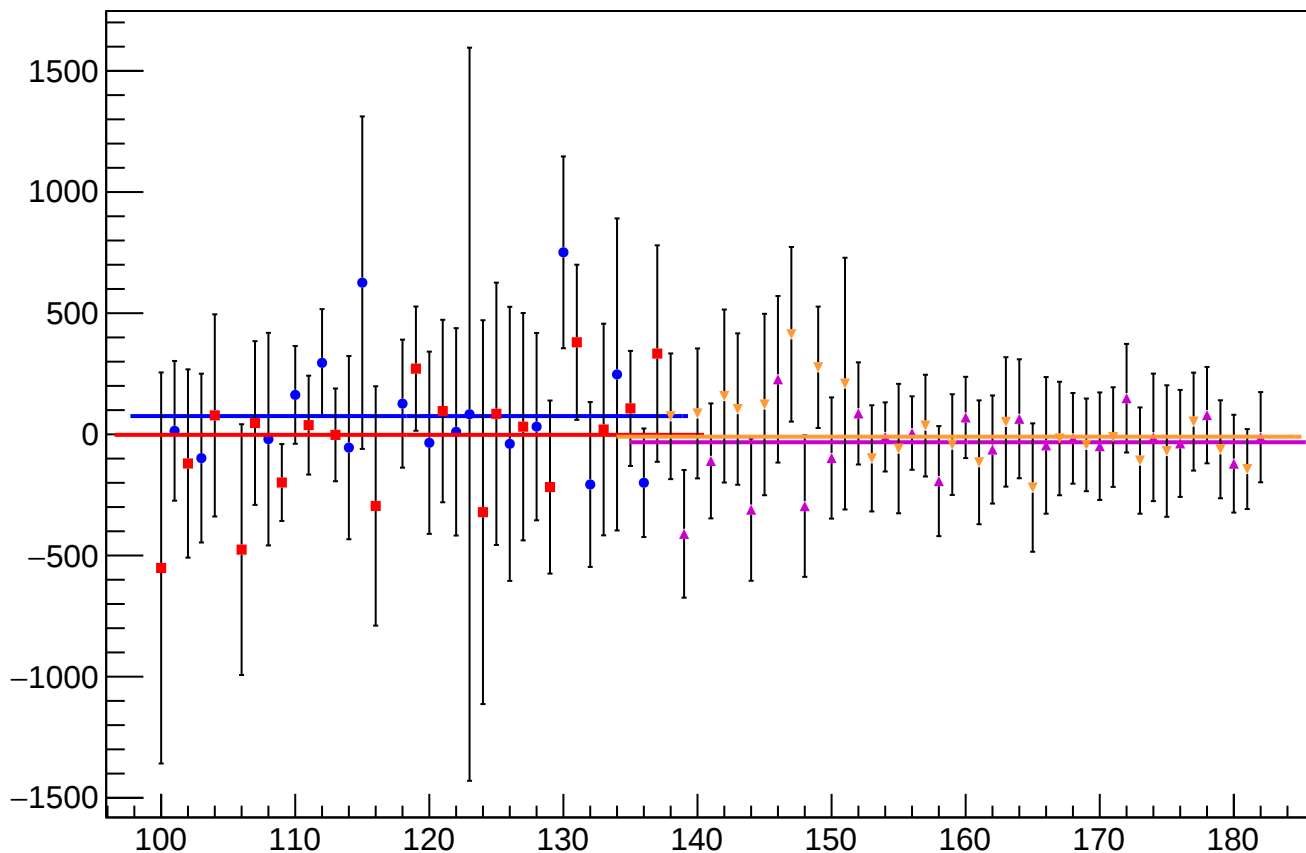
Left In: 10.679 $\pm$ 0.002 χ^2 /NDF:145711.9/21

+ sign 10.705 $\pm$ 0.002 χ^2 /NDF: 289773.7/39

All: 10.702 $\pm$ 0.001 χ^2 /NDF: 614091.3/80

- sign 10.699 $\pm$ 0.002 χ^2 /NDF: 324310.9/40

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 75.370+/-80.583 χ^2/NDF : 7.7/16

Left Out: -9.584+/-50.318 χ^2/NDF : 5.8/22

Right Out: -2.048+/-70.896 χ^2/NDF : 7.3/18

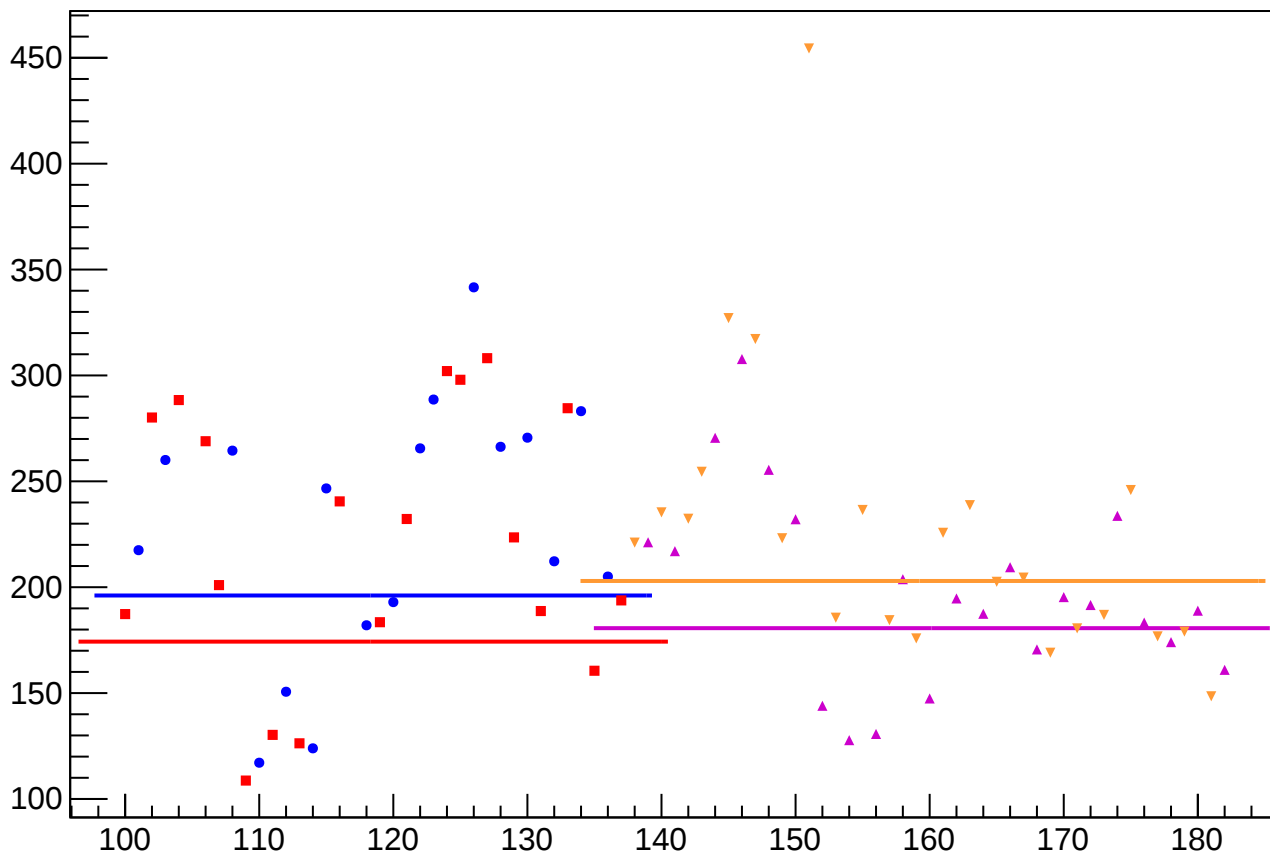
Left In: -32.568+/-45.559 χ^2/NDF : 7.2/21

+ sign 14.248+/-42.681 χ^2/NDF : 14.3/39

All: -6.730+/-28.517 χ^2/NDF : 29.3/80

- sign -23.648+/-38.328 χ^2/NDF : 14.6/40

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 196.085 $\pm$ 0.057 χ^2 /NDF: 981134.1/16

Left Out: 202.942 $\pm$ 0.036 χ^2 /NDF:1582459.1/22

Right Out: 174.302 $\pm$ 0.050 χ^2 /NDF: 1523885.0/18

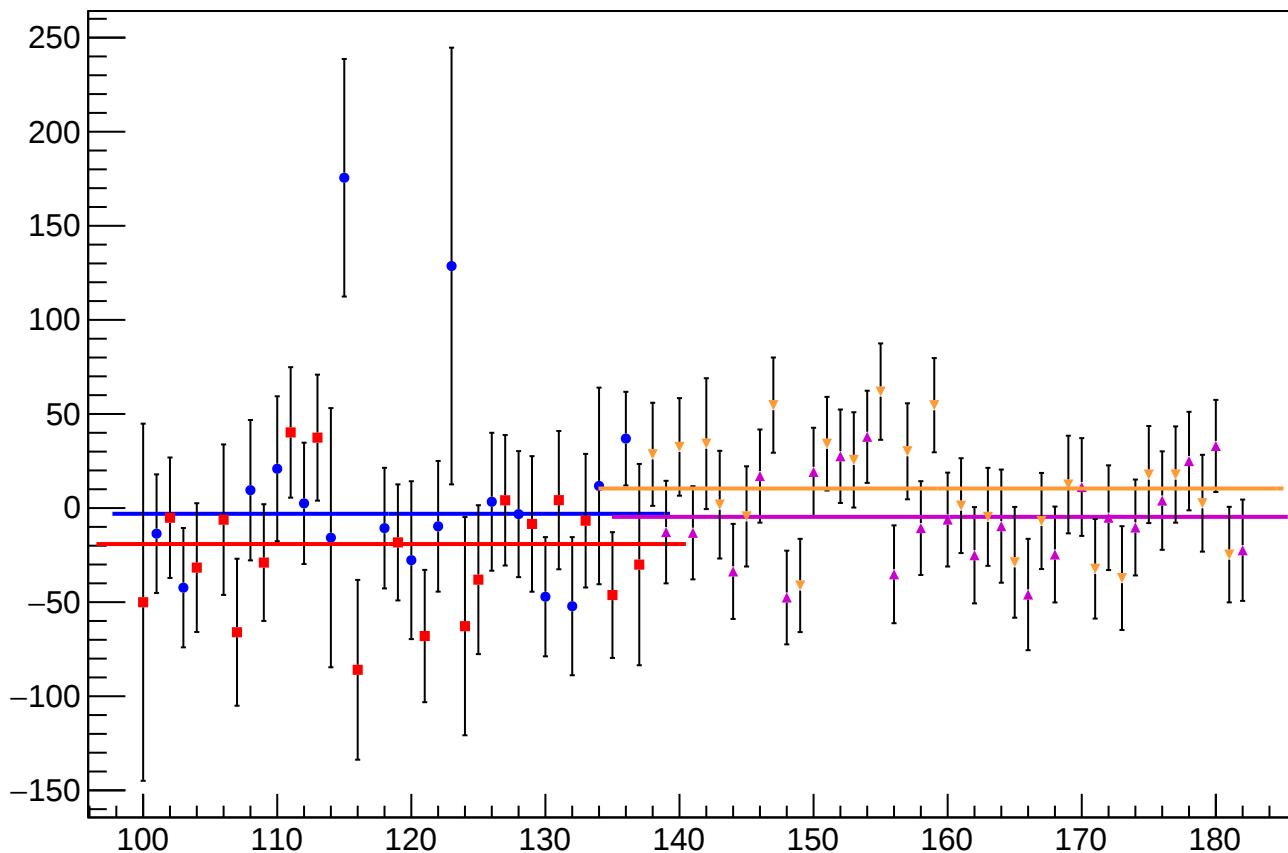
Left In: 180.659 $\pm$ 0.032 χ^2 /NDF:1581651.2/21

+ sign 201.018 $\pm$ 0.030 χ^2 /NDF: 2574010.1/39

All: 188.719 $\pm$ 0.020 χ^2 /NDF: 5990930.1/80

- sign 178.801 $\pm$ 0.027 χ^2 /NDF: 3116919.6/40

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.043 ± 8.901 χ^2/NDF : 18.4/16

Left Out: 10.392 ± 5.475 χ^2/NDF : 28.9/22

Right Out: -19.112 ± 8.574 χ^2/NDF : 14.3/18

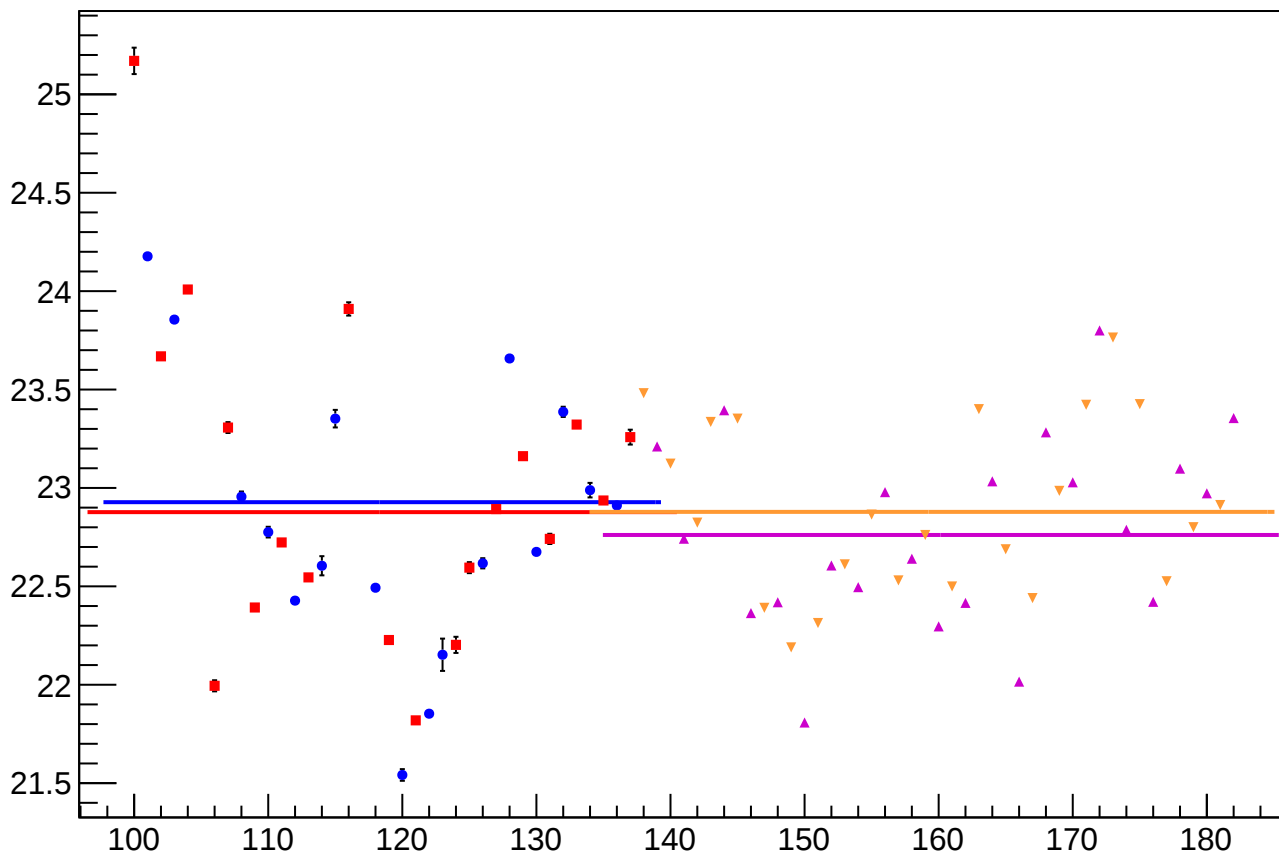
Left In: -4.681 ± 5.489 χ^2/NDF : 20.3/21

+ sign 6.704 ± 4.664 χ^2/NDF : 48.9/39

All: -1.155 ± 3.283 χ^2/NDF : 91.2/80

- sign -8.876 ± 4.623 χ^2/NDF : 36.6/40

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.928 $\pm$ 0.006 χ^2 /NDF: 11600.9/16

Left Out: 22.878 $\pm$ 0.004 χ^2 /NDF:12425.7/22

Right Out: 22.877 $\pm$ 0.006 χ^2 /NDF: 11098.9/18

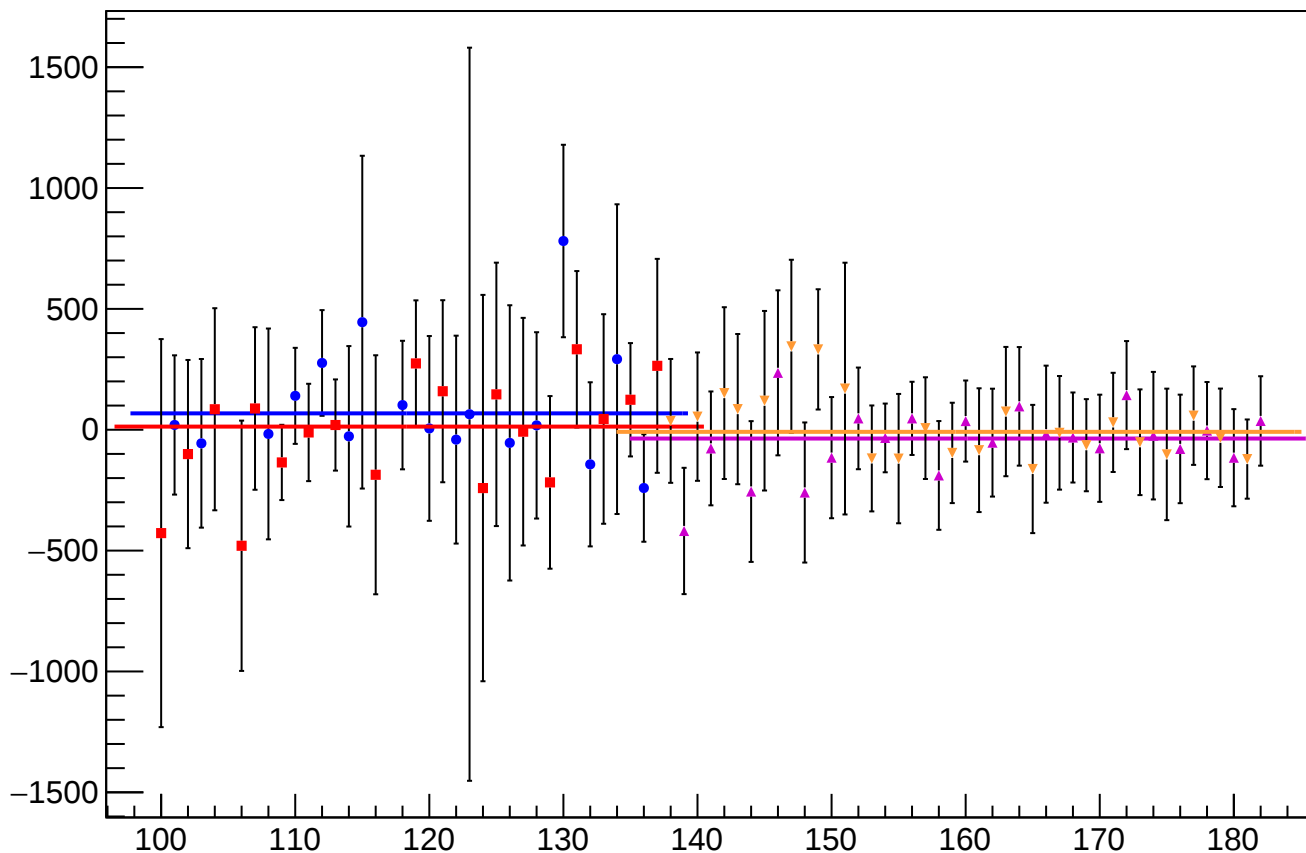
Left In: 22.761 $\pm$ 0.004 χ^2 /NDF:14622.7/21

+ sign 22.892 $\pm$ 0.003 χ^2 /NDF: 24071.0/39

All: 22.843 $\pm$ 0.002 χ^2 /NDF: 50490.1/80

- sign 22.795 $\pm$ 0.003 χ^2 /NDF: 25981.3/40

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.779 $\pm$ 80.229 χ^2 /NDF: 7.4/16

Left Out: -8.673 $\pm$ 50.258 χ^2 /NDF: 5.5/22

Right Out: 13.007 $\pm$ 70.398 χ^2 /NDF: 5.7/18

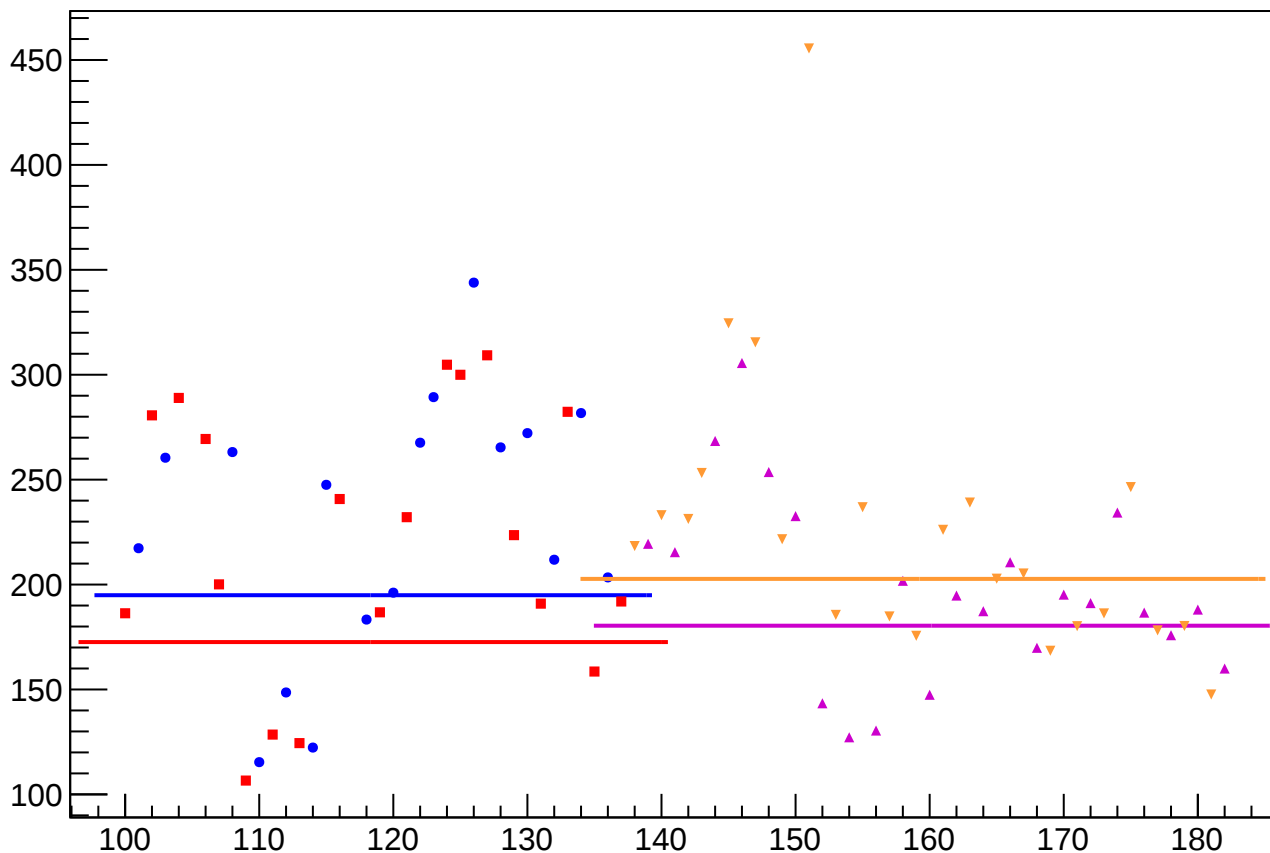
Left In: -36.402 $\pm$ 45.495 χ^2 /NDF: 6.5/21

+ sign 12.873 $\pm$ 42.591 χ^2 /NDF: 13.5/39

All: -6.363 $\pm$ 28.442 χ^2 /NDF: 26.5/80

- sign -21.846 $\pm$ 38.210 χ^2 /NDF: 12.6/40

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.927+/-0.057 χ^2/NDF : 1021893.7/16

Left Out: 202.702+/-0.036 χ^2/NDF : 1573726.8/22

Right Out: 172.594+/-0.050 χ^2/NDF : 1591420.0/18

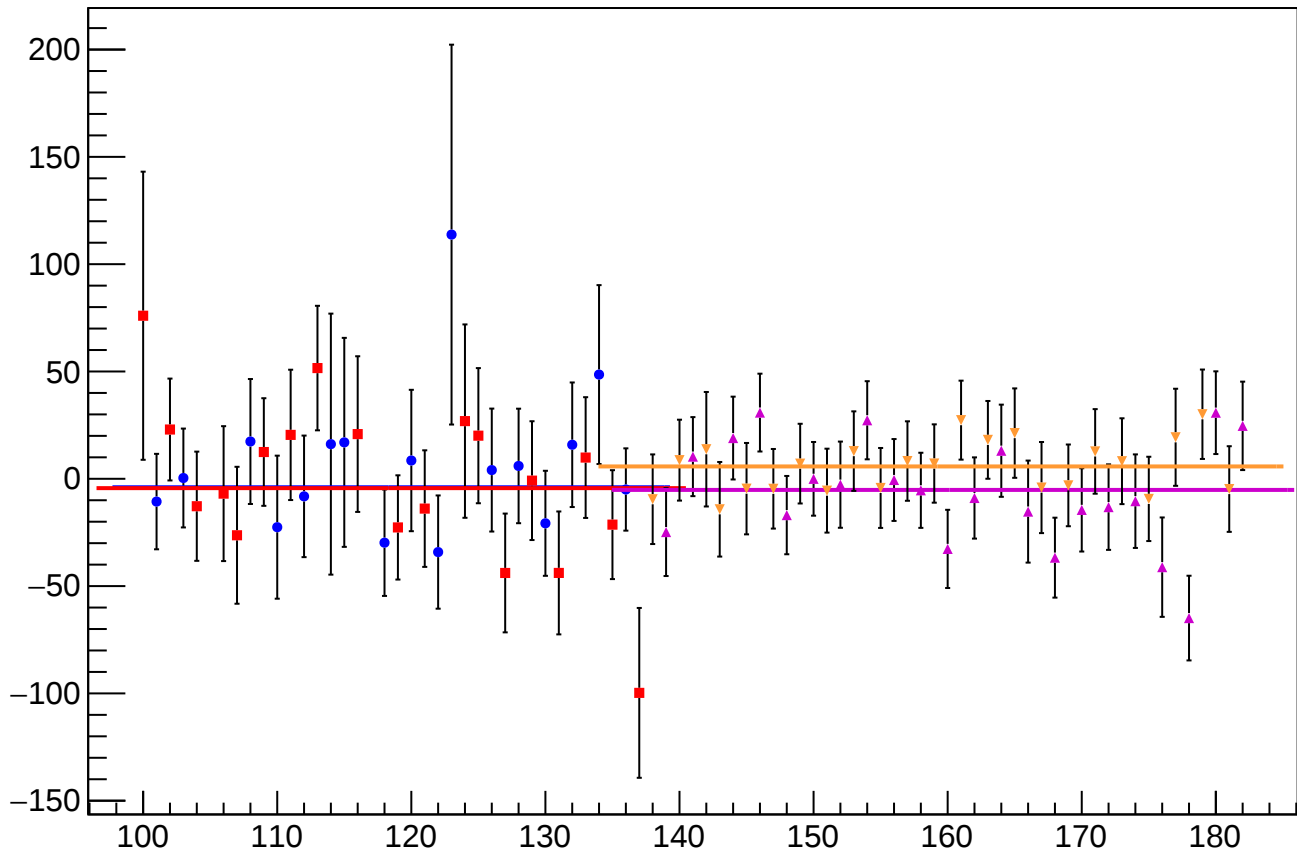
Left In: 180.393+/-0.032 χ^2/NDF : 1575887.6/21

+ sign 200.511+/-0.030 χ^2/NDF : 2609111.5/39

All: 188.091+/-0.020 χ^2/NDF : 6100663.6/80

- sign 178.095+/-0.027 χ^2/NDF : 3184624.7/40

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.959 ± 6.931 χ^2/NDF : 8.3/16

Left Out: 5.755 ± 4.130 χ^2/NDF : 8.4/22

Right Out: -4.358 ± 6.742 χ^2/NDF : 20.9/18

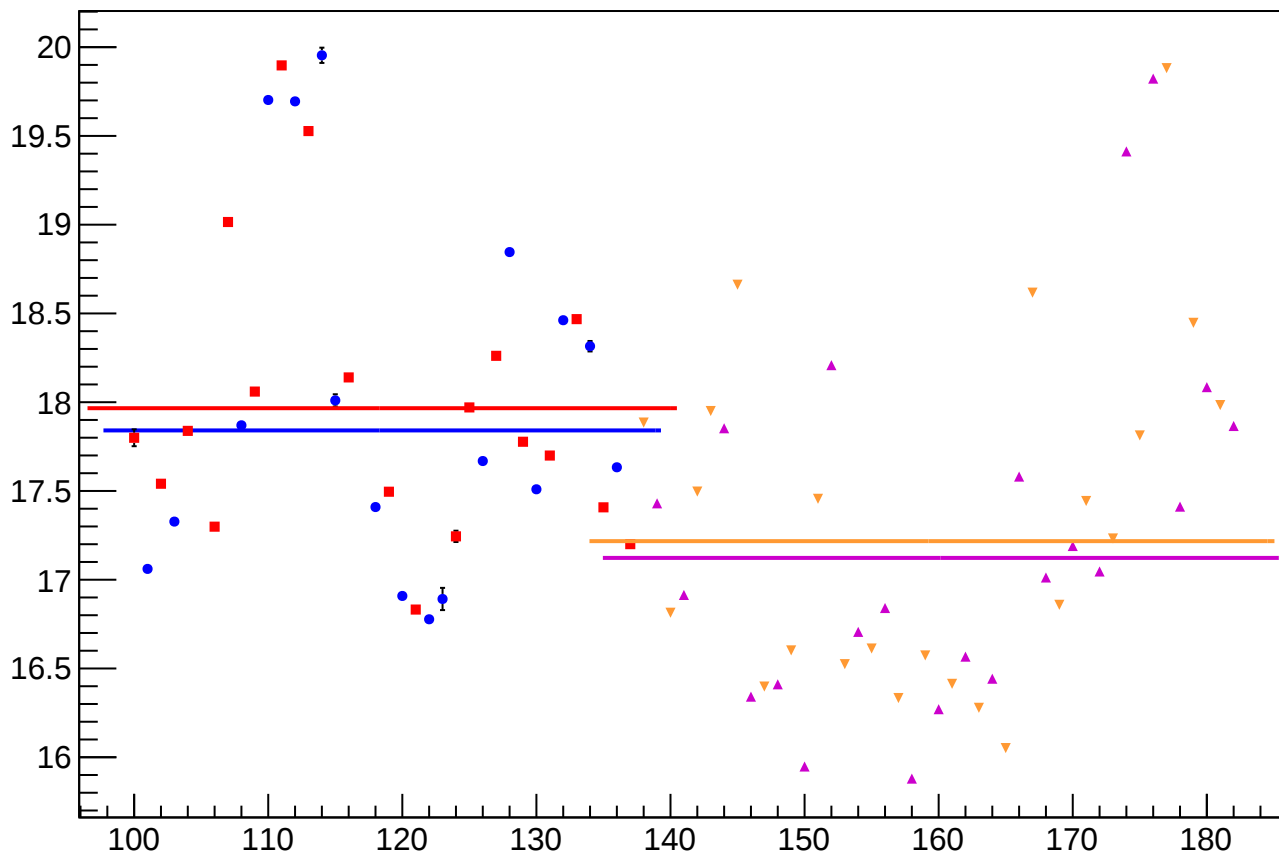
Left In: -5.186 ± 4.139 χ^2/NDF : 34.6/21

+ sign 3.210 ± 3.548 χ^2/NDF : 18.2/39

All: -0.898 ± 2.501 χ^2/NDF : 76.4/80

- sign -4.959 ± 3.528 χ^2/NDF : 55.5/40

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.841 $\pm$ 0.005 χ^2 /NDF: 31077.0/16

Left Out: 17.217 $\pm$ 0.003 χ^2 /NDF:97589.9/22

Right Out: 17.966 $\pm$ 0.005 χ^2 /NDF: 25324.0/18

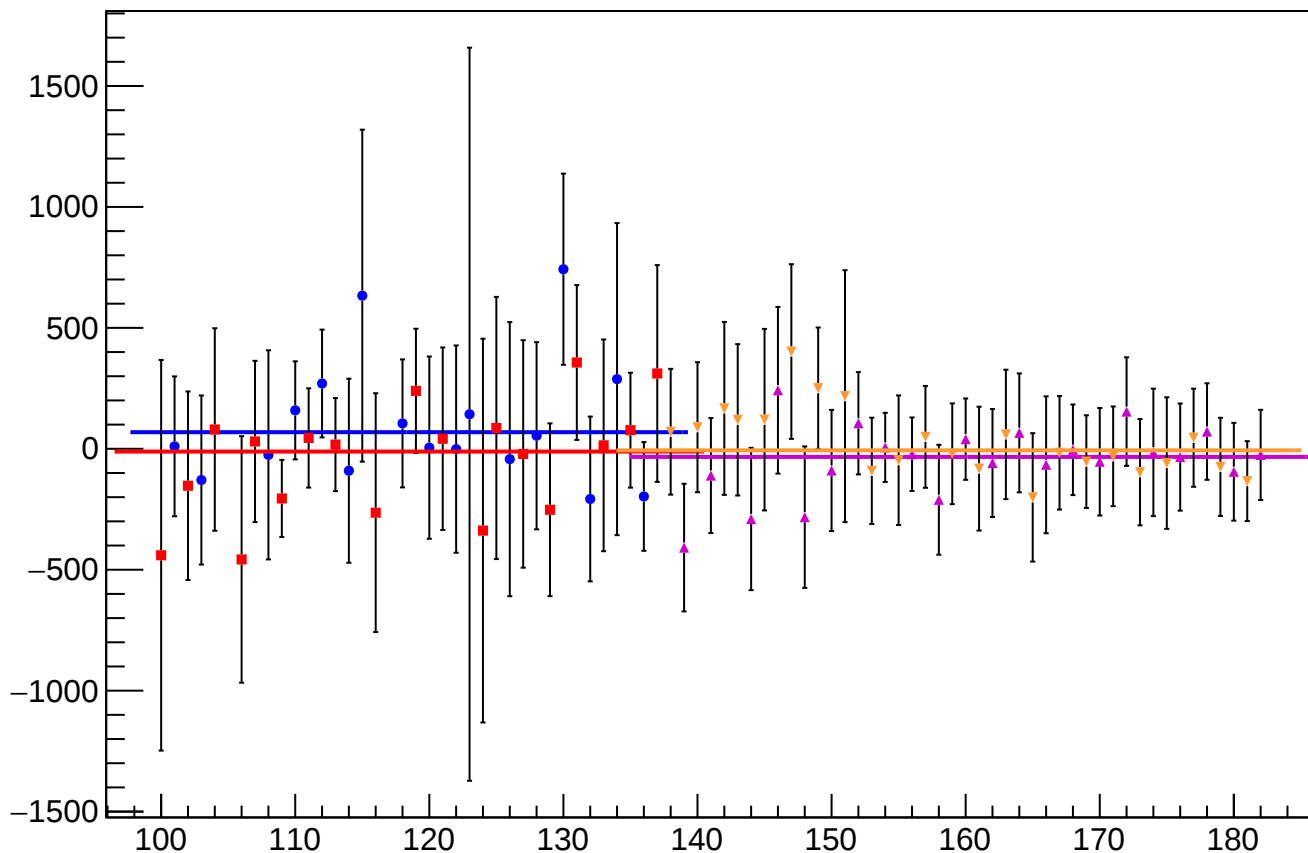
Left In: 17.123 $\pm$ 0.003 χ^2 /NDF:103390.6/21

+ sign 17.381 $\pm$ 0.003 χ^2 /NDF: 140618.9/39

All: 17.367 $\pm$ 0.002 χ^2 /NDF: 292116.1/80

- sign 17.354 $\pm$ 0.002 χ^2 /NDF: 151439.2/40

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 68.704 ± 80.783 χ^2/NDF : 7.5/16

Left Out: -6.438 ± 50.434 χ^2/NDF : 5.2/22

Right Out: -11.402 ± 71.054 χ^2/NDF : 6.7/18

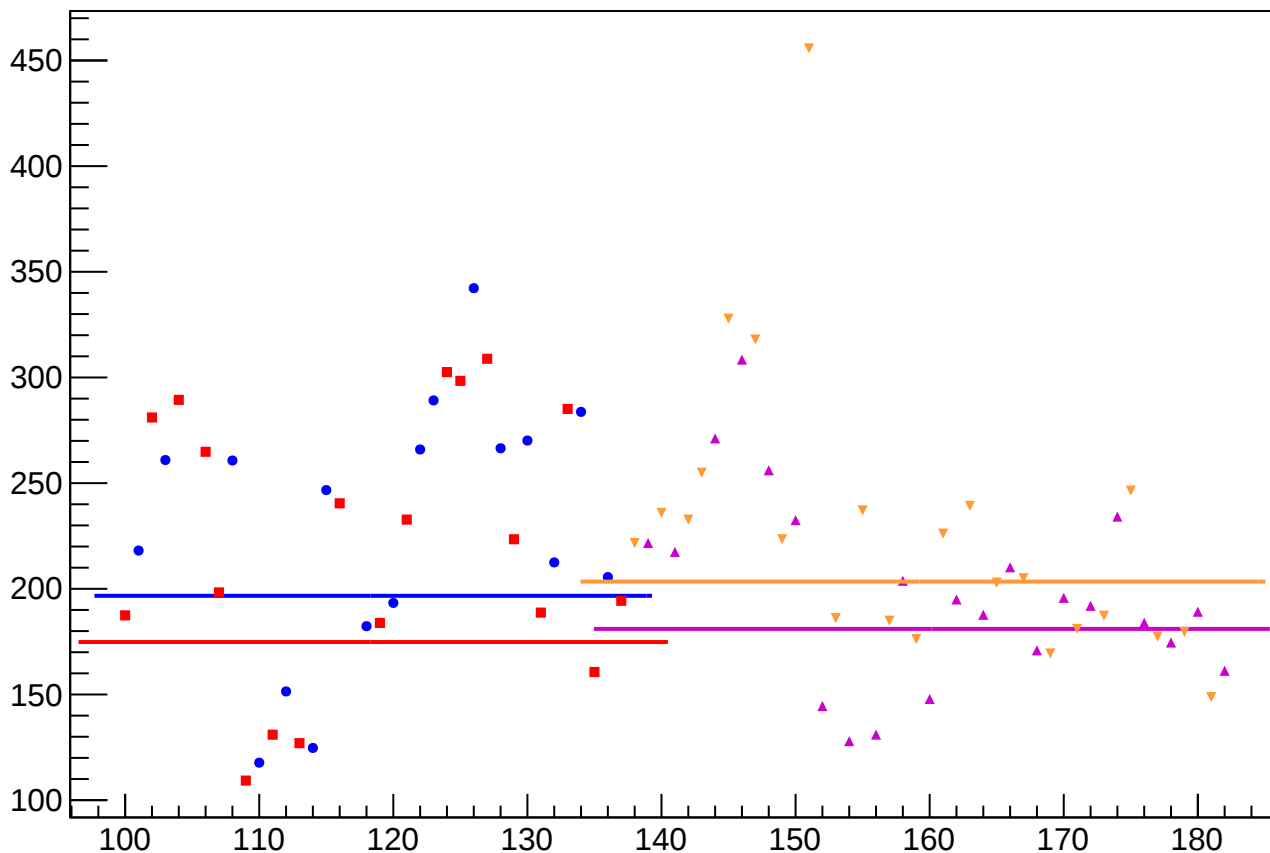
Left In: -33.543 ± 45.654 χ^2/NDF : 6.9/21

+ sign 14.636 ± 42.781 χ^2/NDF : 13.3/39

All: -8.458 ± 28.580 χ^2/NDF : 27.5/80

- sign -27.073 ± 38.409 χ^2/NDF : 13.7/40

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.690 $\pm$ 0.057 χ^2 /NDF: 966153.1/16

Left Out: 203.408 $\pm$ 0.036 χ^2 /NDF:1582435.9/22

Right Out: 174.816 $\pm$ 0.050 χ^2 /NDF: 1506223.2/18

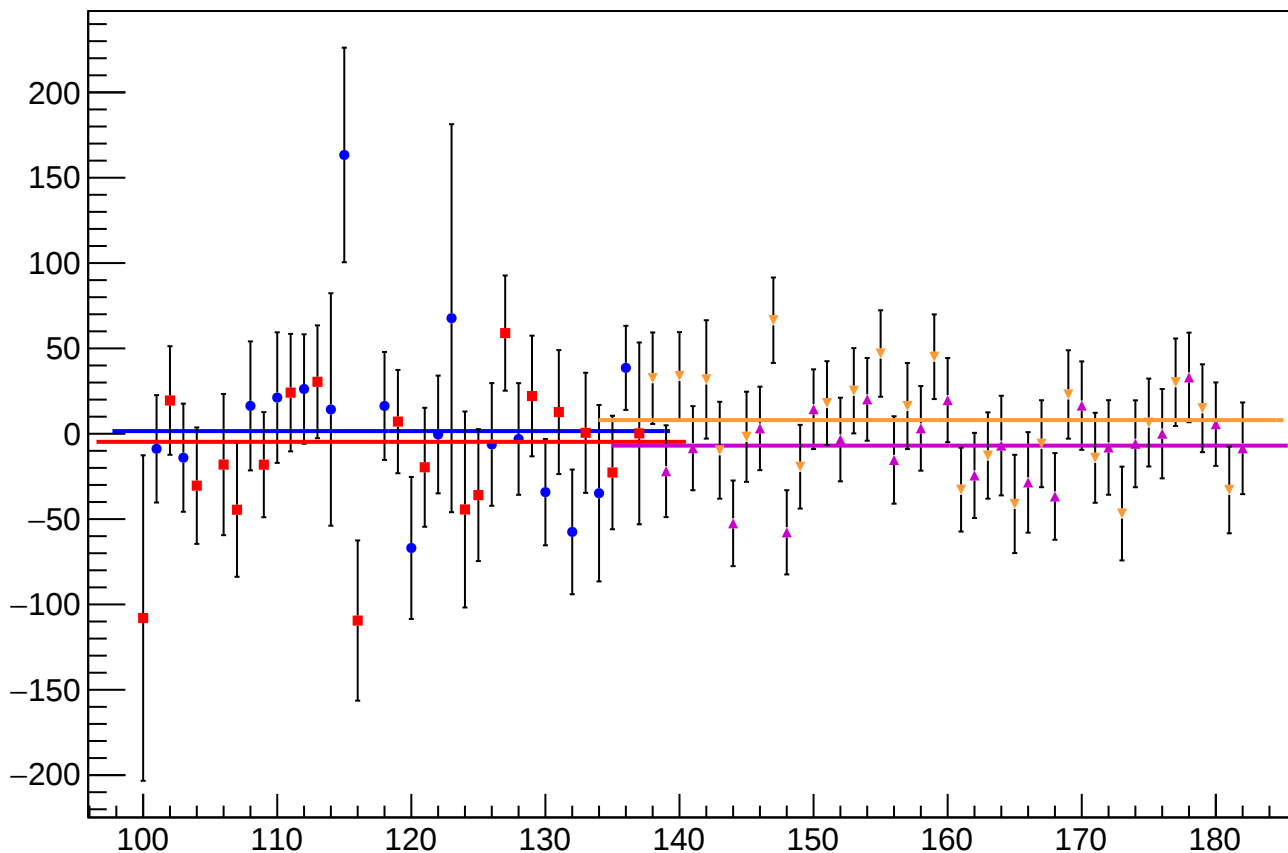
Left In: 181.034 $\pm$ 0.032 χ^2 /NDF:1581489.8/21

+ sign 201.524 $\pm$ 0.030 χ^2 /NDF: 2558541.6/39

All: 189.173 $\pm$ 0.020 χ^2 /NDF: 5958175.2/80

- sign 179.217 $\pm$ 0.027 χ^2 /NDF: 3098551.2/40

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 1.556 ± 8.826 $\chi^2/\text{NDF}: 18.0/16$

Left Out: 7.996 ± 5.423 $\chi^2/\text{NDF}: 30.0/22$

Right Out: -4.732 ± 8.498 $\chi^2/\text{NDF}: 16.6/18$

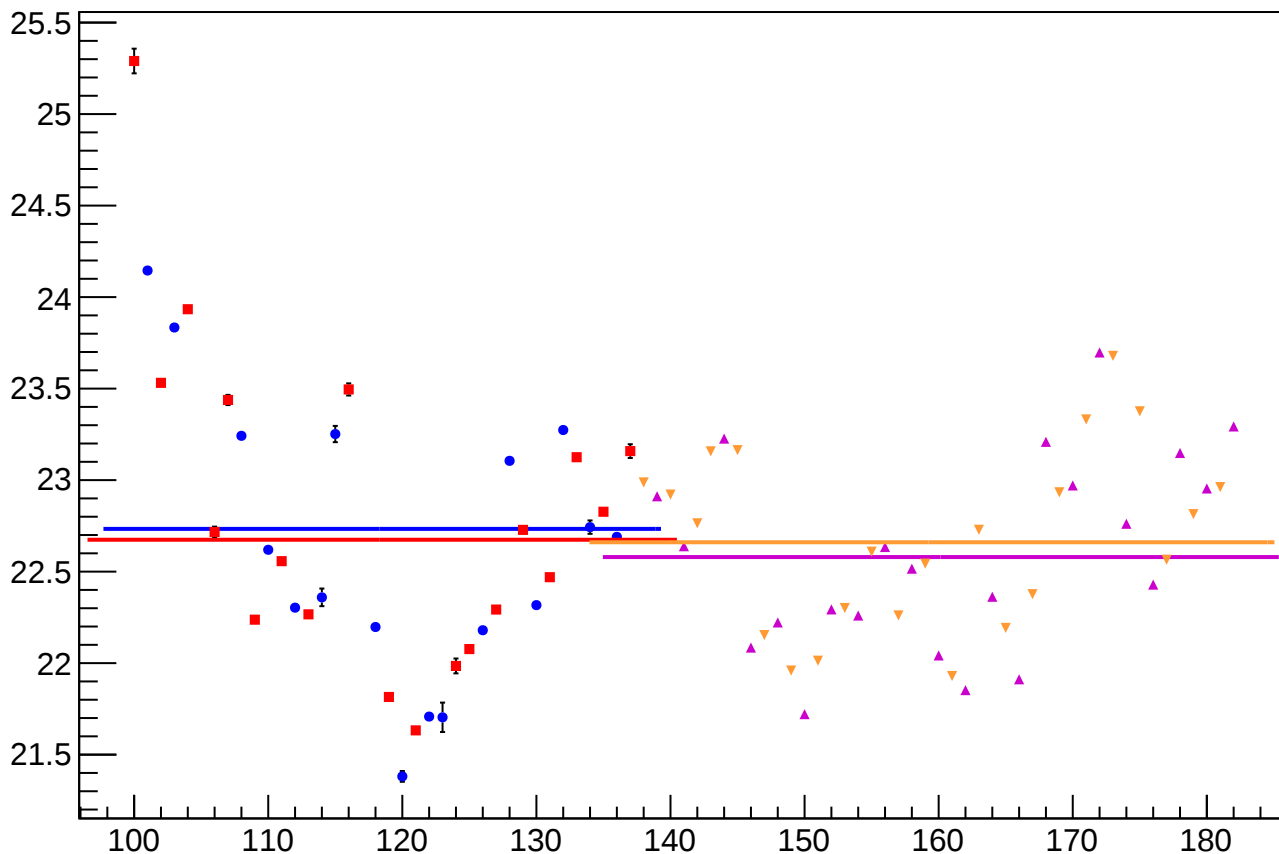
Left In: -6.958 ± 5.445 $\chi^2/\text{NDF}: 17.4/21$

+ sign 6.231 ± 4.620 $\chi^2/\text{NDF}: 48.4/39$

All: -0.089 ± 3.254 $\chi^2/\text{NDF}: 86.2/80$

- sign -6.310 ± 4.585 $\chi^2/\text{NDF}: 34.1/40$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.734 $\pm$ 0.006 χ^2 /NDF: 13530.3/16

Left Out: 22.660 $\pm$ 0.004 χ^2 /NDF:15428.4/22

Right Out: 22.674 $\pm$ 0.006 χ^2 /NDF: 12809.0/18

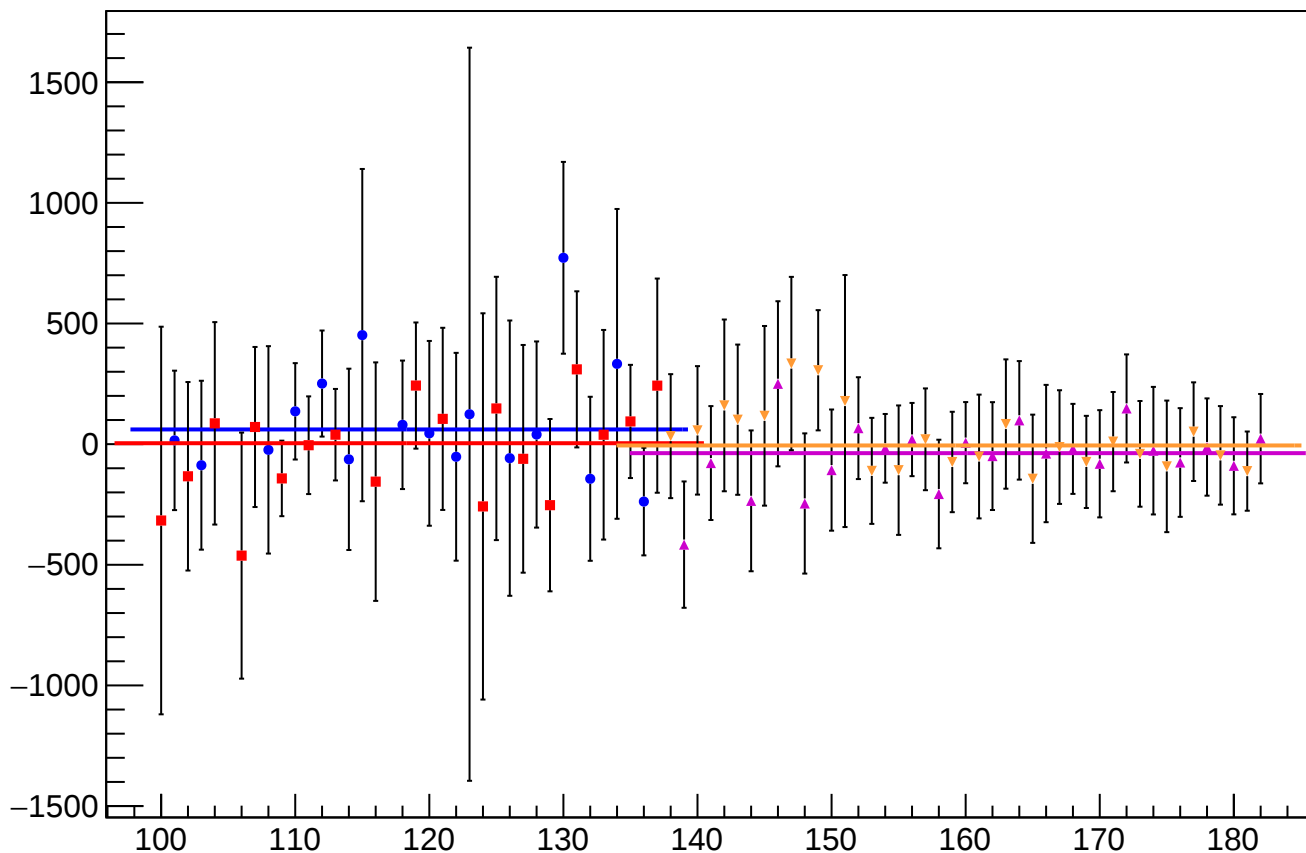
Left In: 22.580 $\pm$ 0.004 χ^2 /NDF:17951.2/21

+ sign 22.680 $\pm$ 0.003 χ^2 /NDF: 29058.5/39

All: 22.644 $\pm$ 0.002 χ^2 /NDF: 60248.2/80

- sign 22.607 $\pm$ 0.003 χ^2 /NDF: 30935.9/40

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.929 $\pm$ 80.431 χ^2 /NDF: 7.2/16

Left Out: -5.455 $\pm$ 50.374 χ^2 /NDF: 4.8/22

Right Out: 3.845 $\pm$ 70.561 χ^2 /NDF: 5.2/18

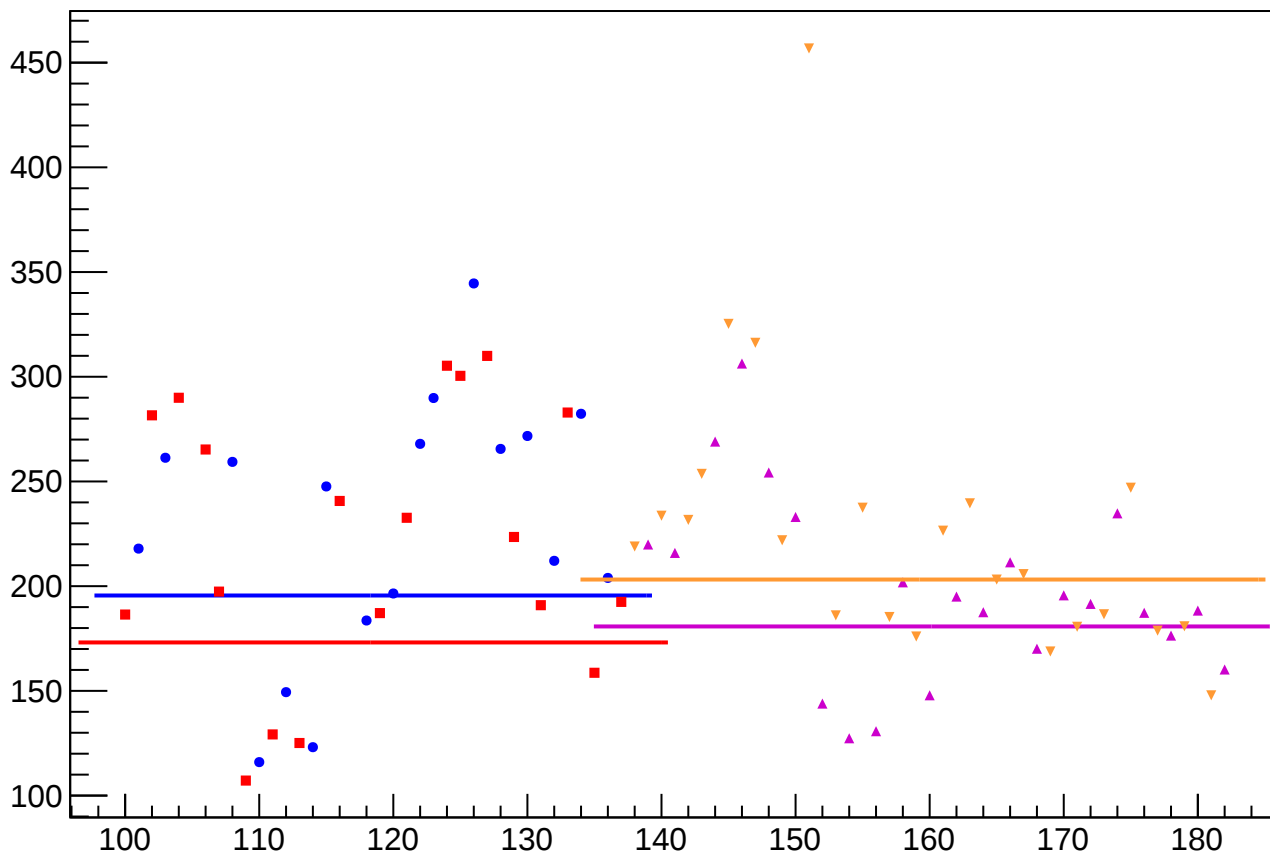
Left In: -37.337 $\pm$ 45.589 χ^2 /NDF: 6.2/21

+ sign 13.248 $\pm$ 42.692 χ^2 /NDF: 12.5/39

All: -8.064 $\pm$ 28.506 χ^2 /NDF: 24.6/80

- sign -25.209 $\pm$ 38.292 χ^2 /NDF: 11.6/40

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.543 $\pm$ 0.057 χ^2 /NDF: 1006207.5/16

Left Out: 203.169 $\pm$ 0.036 χ^2 /NDF: 1573727.8/22

Right Out: 173.124 $\pm$ 0.050 χ^2 /NDF: 1572874.3/18

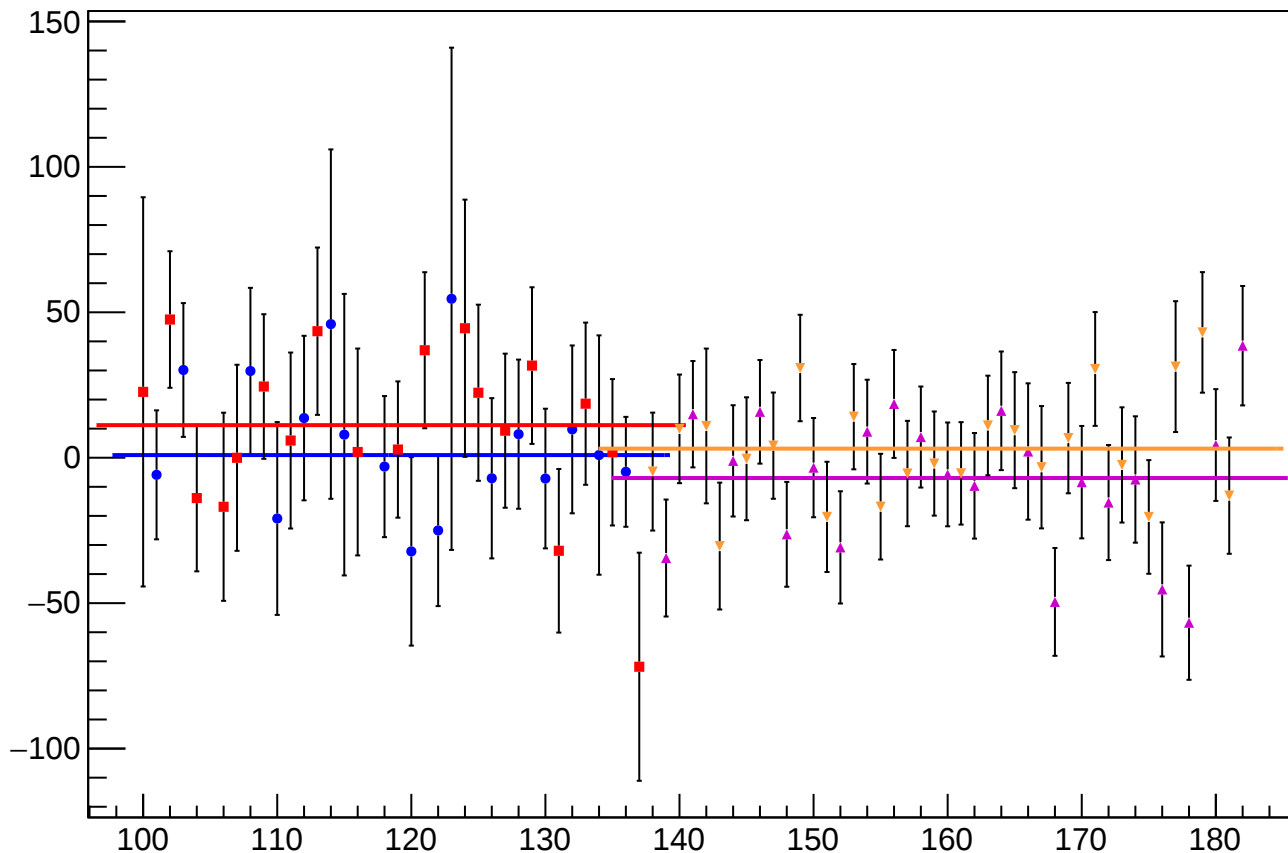
Left In: 180.765 $\pm$ 0.032 χ^2 /NDF: 1575957.3/21

+ sign 201.020 $\pm$ 0.030 χ^2 /NDF: 2592846.8/39

All: 188.548 $\pm$ 0.020 χ^2 /NDF: 6066230.7/80

- sign 178.515 $\pm$ 0.027 χ^2 /NDF: 3165375.5/40

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.909 $\pm$ 6.829 χ^2 /NDF: 6.9/16

Left Out: 3.125 $\pm$ 4.054 χ^2 /NDF: 18.6/22

Right Out: 11.200 $\pm$ 6.644 χ^2 /NDF: 15.3/18

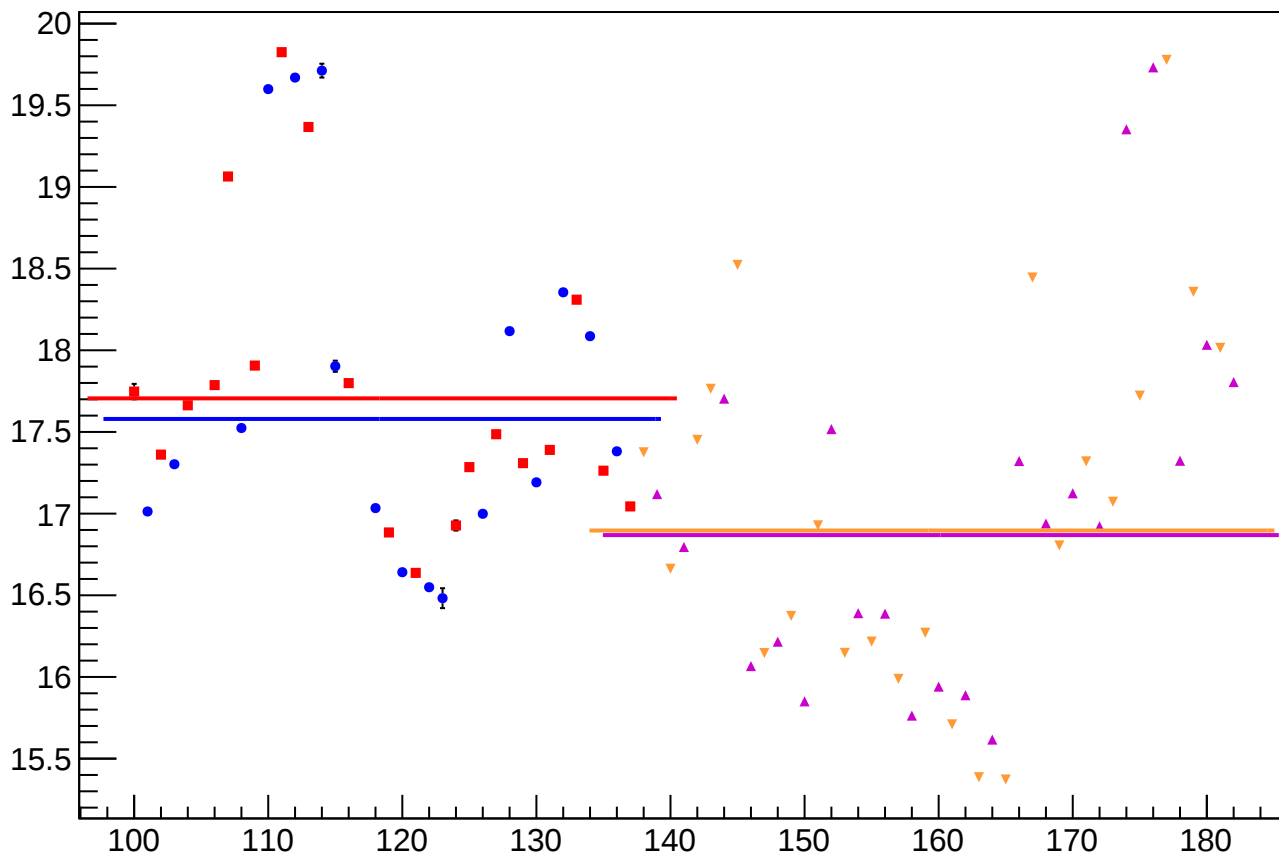
Left In: -6.980 $\pm$ 4.078 χ^2 /NDF: 32.5/21

+ sign 2.548 $\pm$ 3.486 χ^2 /NDF: 25.5/39

All: 0.265 $\pm$ 2.461 χ^2 /NDF: 79.6/80

- sign -2.004 $\pm$ 3.476 χ^2 /NDF: 53.2/40

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.580 ± 0.005 χ^2/NDF : 32962.1/16

Left Out: 16.897 ± 0.003 χ^2/NDF : 136915.1/22

Right Out: 17.705 ± 0.005 χ^2/NDF : 30276.7/18

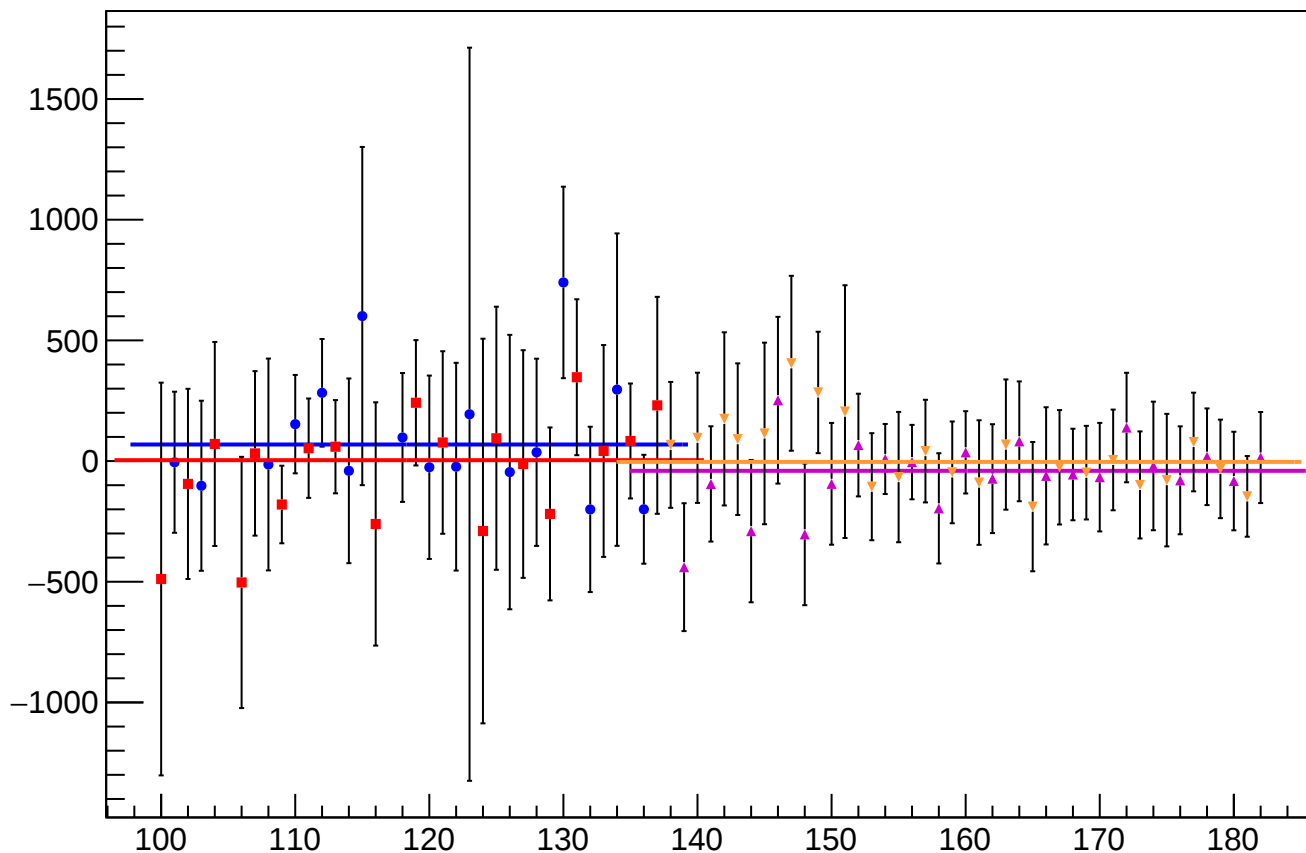
Left In: 16.869 ± 0.003 χ^2/NDF : 120625.5/21

+ sign 17.075 ± 0.002 χ^2/NDF : 184667.1/39

All: 17.086 ± 0.002 χ^2/NDF : 358658.9/80

- sign 17.098 ± 0.002 χ^2/NDF : 173947.9/40

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.625 ± 81.256 $\chi^2/\text{NDF}: 7.3/16$

Left Out: -3.438 ± 50.860 $\chi^2/\text{NDF}: 5.6/22$

Right Out: 3.617 ± 71.551 $\chi^2/\text{NDF}: 6.1/18$

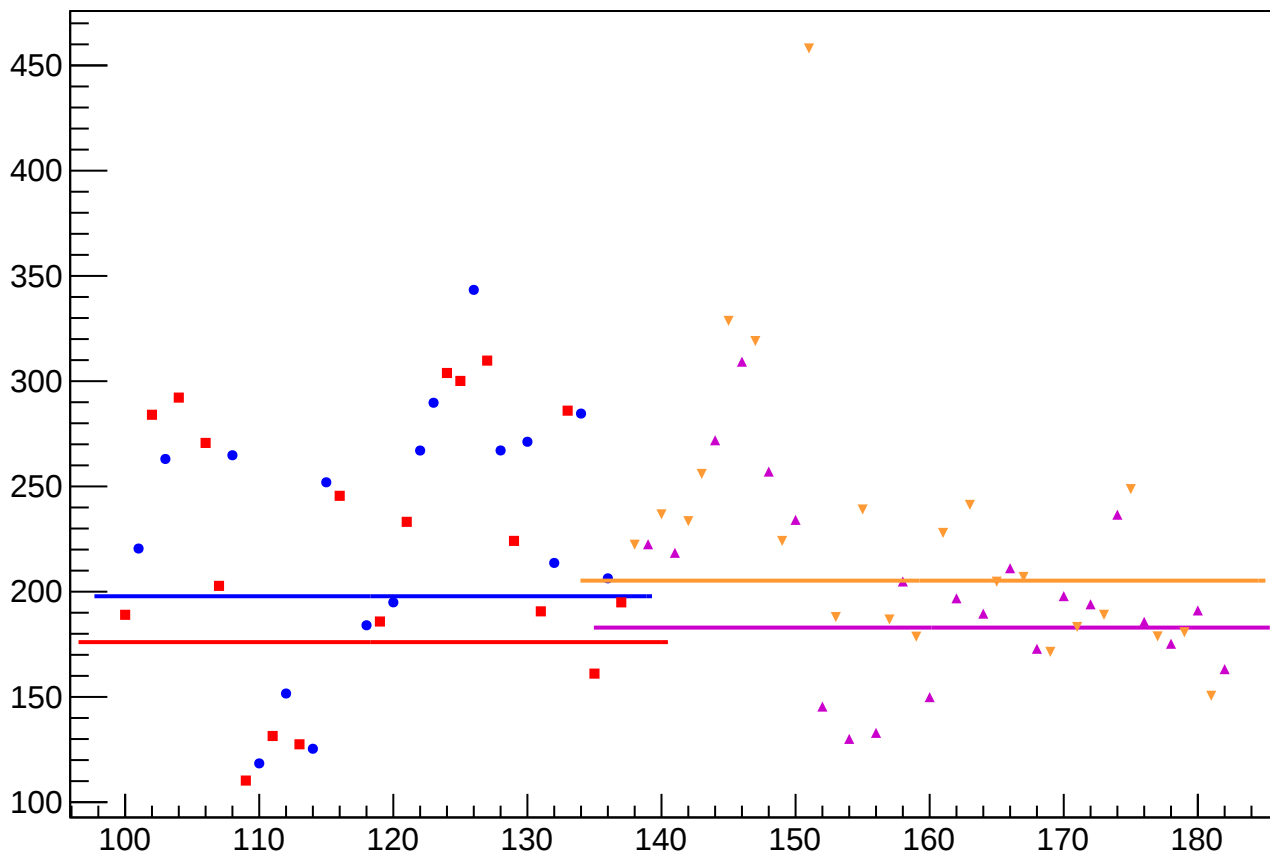
Left In: -40.385 ± 46.097 $\chi^2/\text{NDF}: 6.9/21$

+ sign 16.847 ± 43.111 $\chi^2/\text{NDF}: 13.5/39$

All: -7.670 ± 28.820 $\chi^2/\text{NDF}: 27.3/80$

- sign -27.479 ± 38.751 $\chi^2/\text{NDF}: 13.2/40$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.832 $\pm$ 0.057 χ^2 /NDF: 971081.8/16

Left Out: 205.245 $\pm$ 0.036 χ^2 /NDF:1552780.5/22

Right Out: 176.036 $\pm$ 0.051 χ^2 /NDF: 1514906.1/18

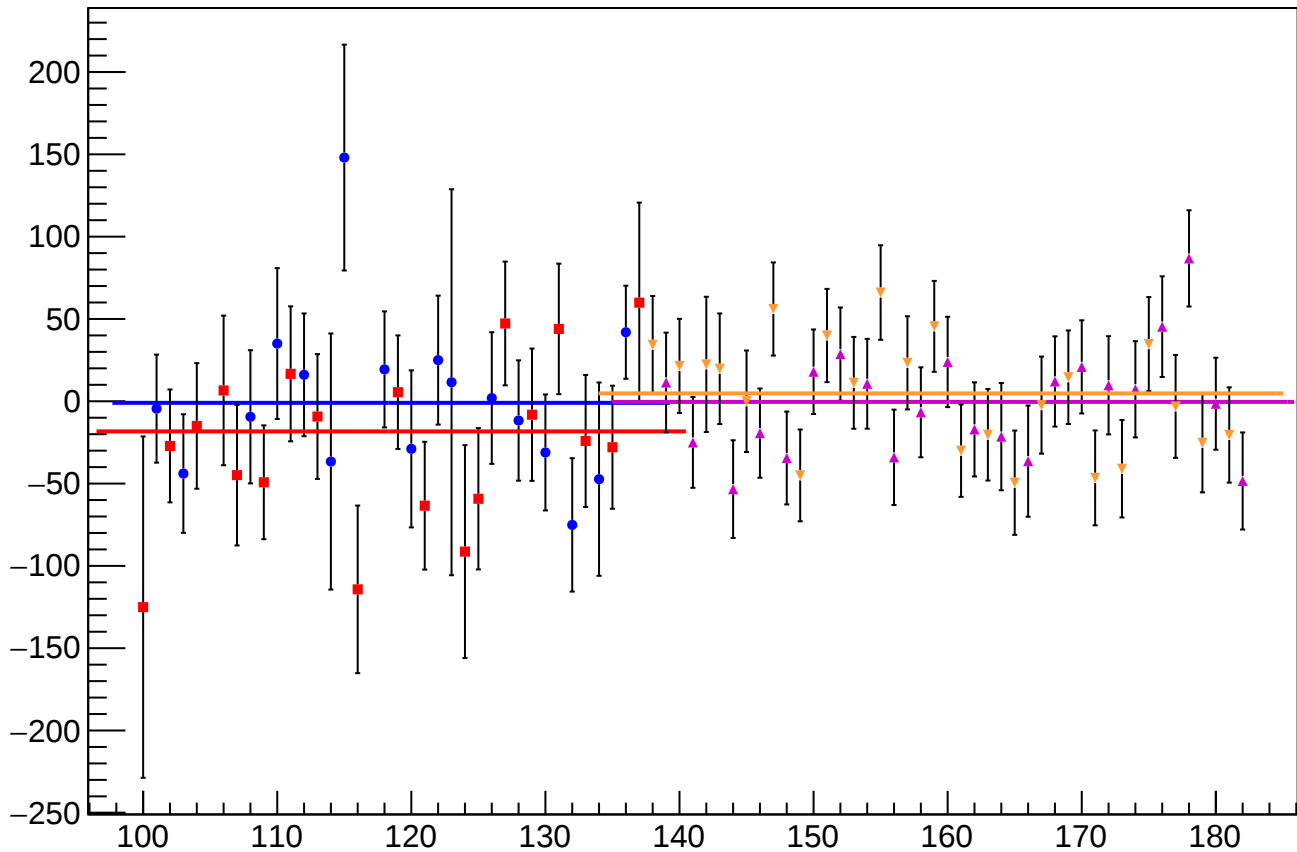
Left In: 182.937 $\pm$ 0.033 χ^2 /NDF:1536757.6/21

+ sign 203.159 $\pm$ 0.030 χ^2 /NDF: 2535824.3/39

All: 190.854 $\pm$ 0.020 χ^2 /NDF: 5895174.1/80

- sign 180.913 $\pm$ 0.027 χ^2 /NDF: 3064810.7/40

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -0.953 ± 9.909 χ^2/NDF : 15.5/16

Left Out: 4.784 ± 6.135 χ^2/NDF : 30.9/22

Right Out: -18.305 ± 9.519 χ^2/NDF : 18.3/18

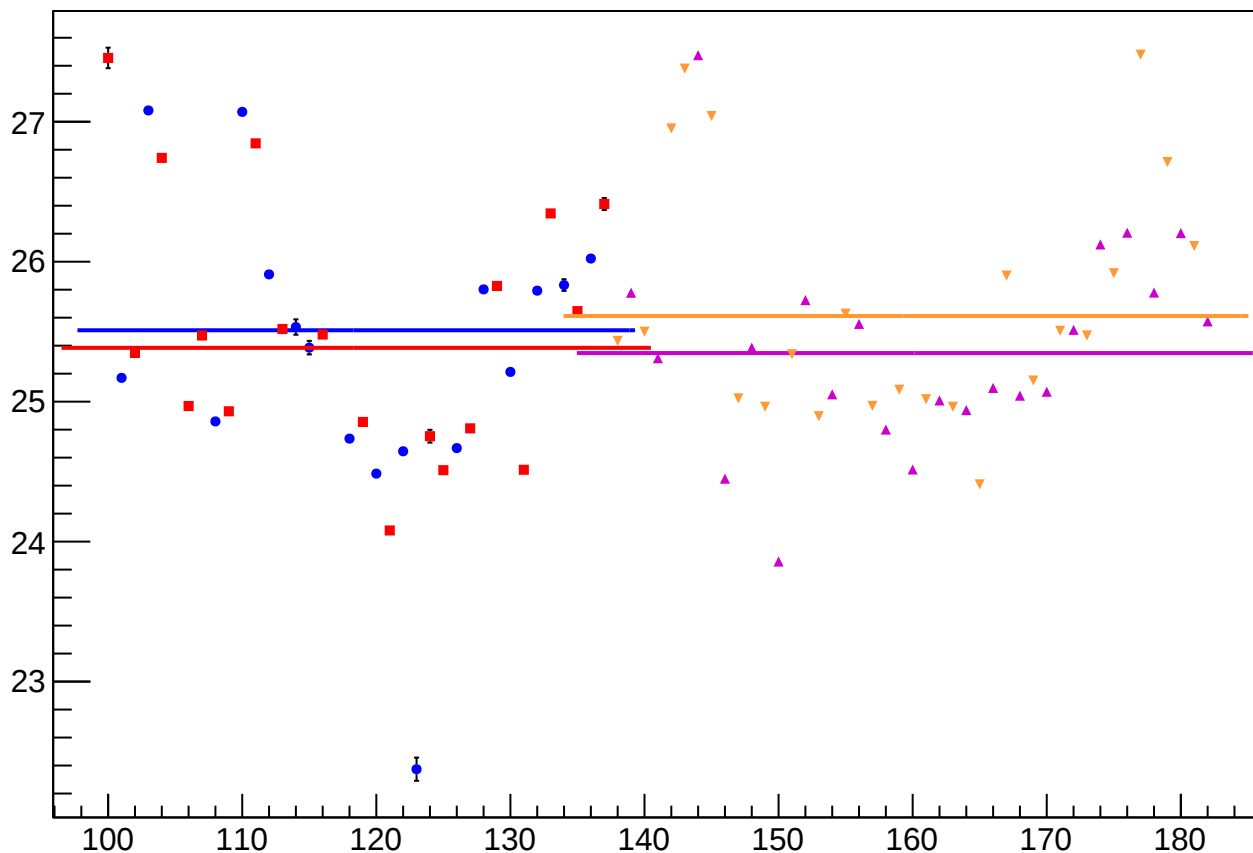
Left In: -0.388 ± 6.118 χ^2/NDF : 26.6/21

+ sign 3.194 ± 5.216 χ^2/NDF : 46.6/39

All: -1.275 ± 3.664 χ^2/NDF : 95.5/80

- sign -5.625 ± 5.147 χ^2/NDF : 47.4/40

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.510 $\pm$ 0.007 χ^2 /NDF: 13357.4/16

Left Out: 25.612 $\pm$ 0.004 χ^2 /NDF:33555.4/22

Right Out: 25.385 $\pm$ 0.007 χ^2 /NDF: 13669.3/18

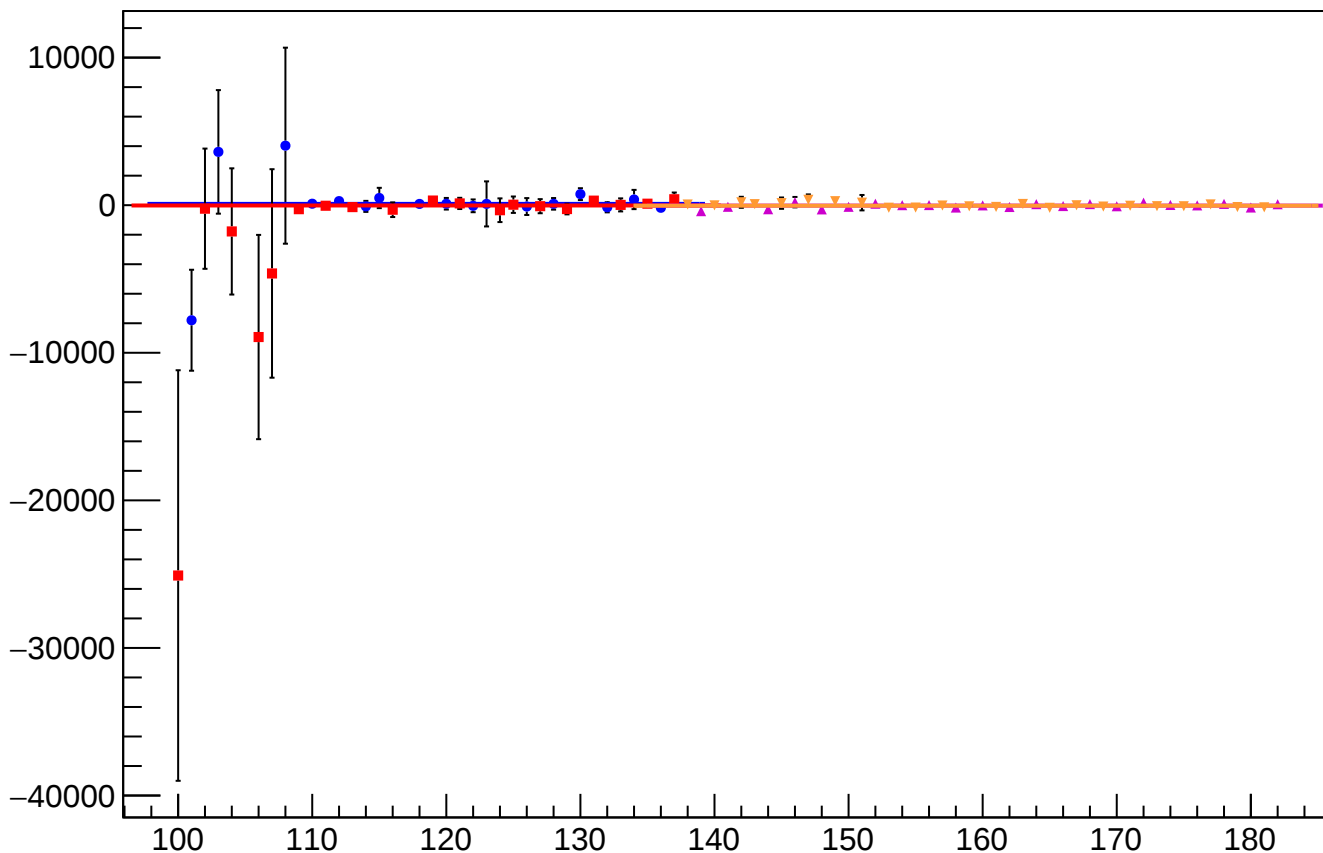
Left In: 25.347 $\pm$ 0.004 χ^2 /NDF:29576.6/21

+ sign 25.584 $\pm$ 0.004 χ^2 /NDF: 47065.2/39

All: 25.469 $\pm$ 0.003 χ^2 /NDF: 92225.8/80

- sign 25.358 $\pm$ 0.004 χ^2 /NDF: 43267.6/40

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 88.017+/-88.732 χ^2/NDF : 12.6/16

Left Out: -33.604+/-50.540 χ^2/NDF : 5.8/22

Right Out: -19.598+/-80.969 χ^2/NDF : 12.0/18

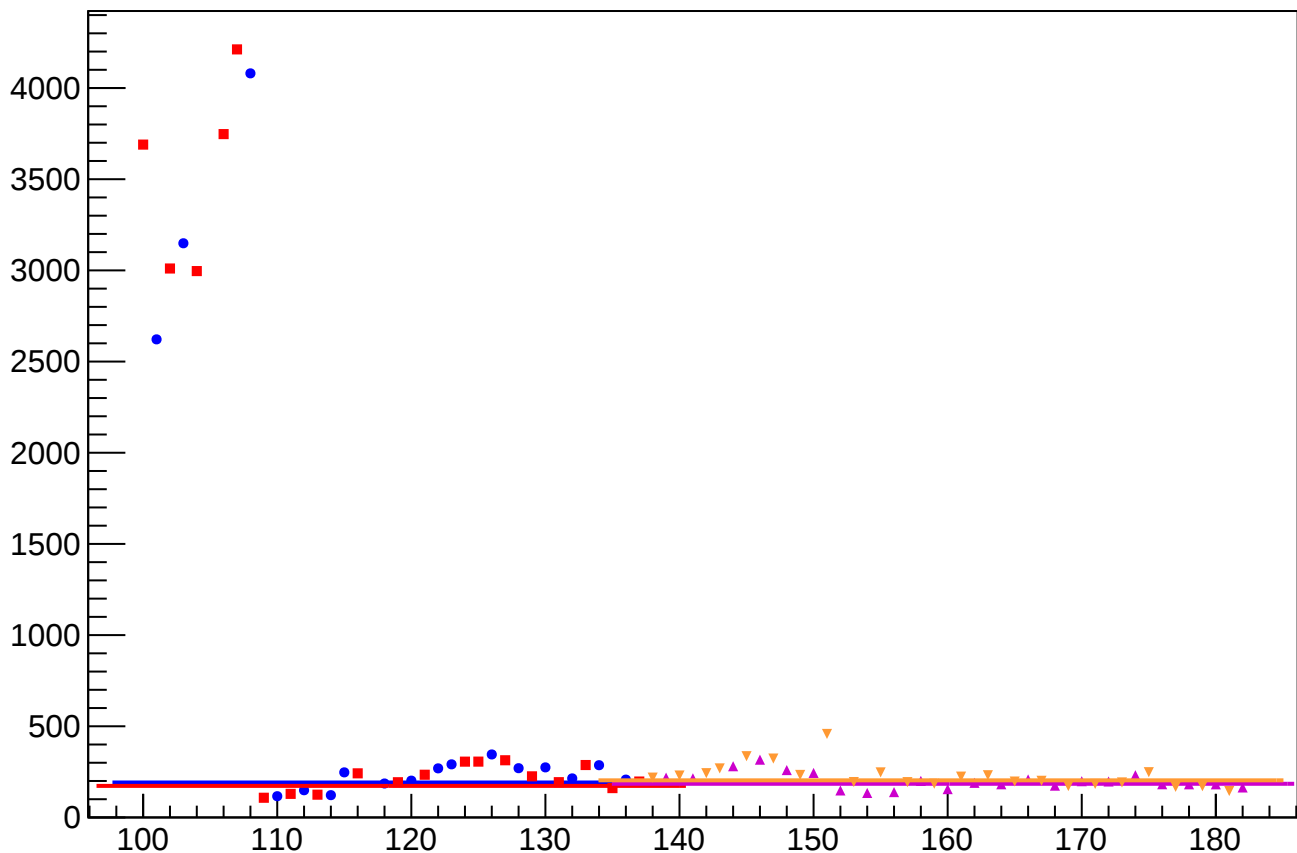
Left In: -29.211+/-46.419 χ^2/NDF : 7.4/21

+ sign -3.812+/-43.916 χ^2/NDF : 19.7/39

All: -16.317+/-29.681 χ^2/NDF : 39.3/80

- sign -26.833+/-40.270 χ^2/NDF : 19.4/40

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 191.711 $\pm$ 0.063 χ^2 /NDF: 3575897.6/16

Left Out: 203.556 $\pm$ 0.036 χ^2 /NDF: 1704705.6/22

Right Out: 173.097 $\pm$ 0.057 χ^2 /NDF: 4201745.6/18

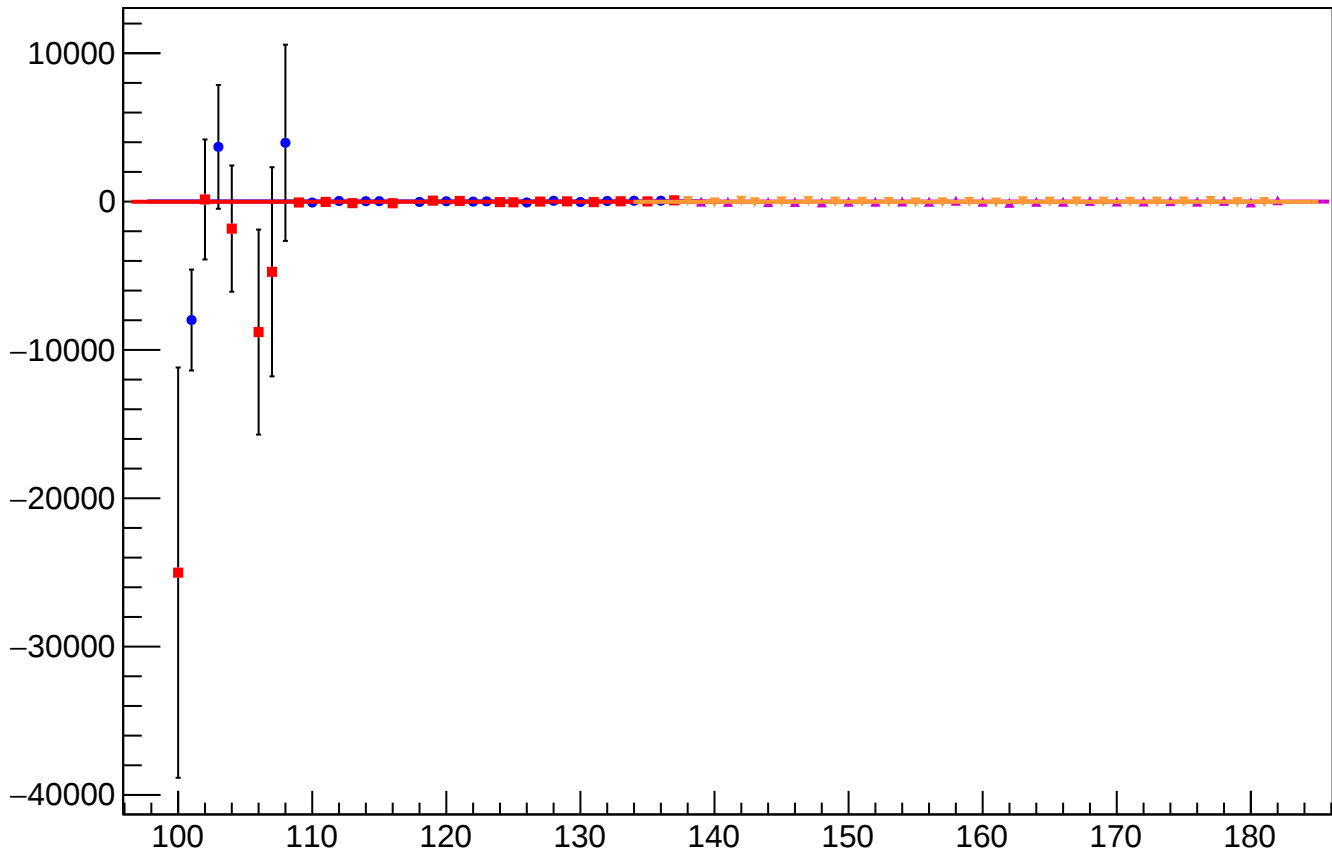
Left In: 184.647 $\pm$ 0.033 χ^2 /NDF: 1408345.0/21

+ sign 200.654 $\pm$ 0.031 χ^2 /NDF: 5307510.0/39

All: 190.407 $\pm$ 0.021 χ^2 /NDF: 11148703.9/80

- sign 181.790 $\pm$ 0.028 χ^2 /NDF: 5640720.2/40

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.697 $\pm$ 12.319 χ^2 /NDF: 19.0/16

Left Out: -15.451 $\pm$ 6.881 χ^2 /NDF: 20.4/22

Right Out: -11.602 $\pm$ 12.269 χ^2 /NDF: 24.3/18

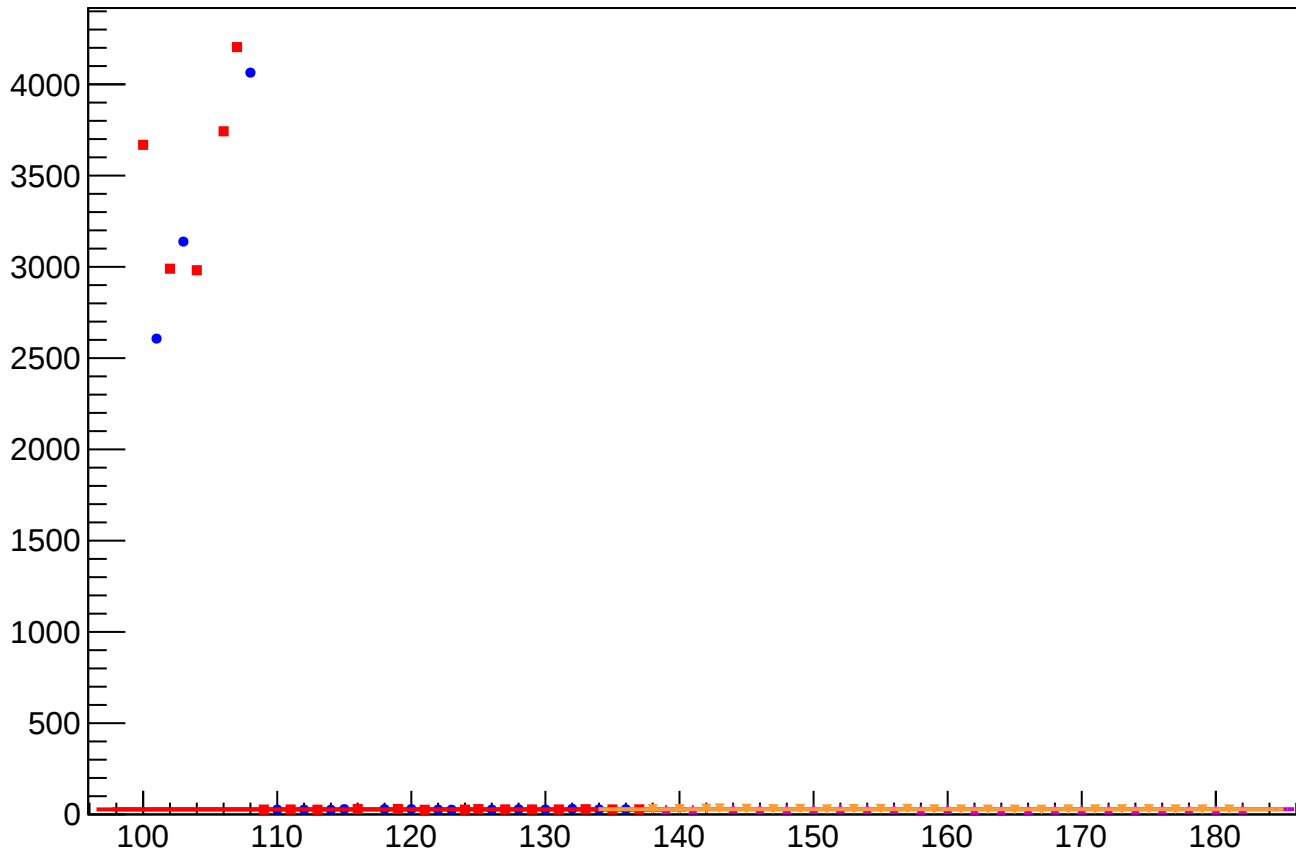
Left In: -0.916 $\pm$ 6.938 χ^2 /NDF: 32.4/21

+ sign -9.233 $\pm$ 6.008 χ^2 /NDF: 42.8/39

All: -6.384 $\pm$ 4.259 χ^2 /NDF: 100.5/80

- sign -3.505 $\pm$ 6.039 χ^2 /NDF: 57.3/40

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.874+/-0.009 χ^2/NDF : 3027804.9/16

Left Out: 28.682+/-0.005 χ^2/NDF : 104859.8/22

Right Out: 27.715+/-0.009 χ^2/NDF : 3476945.4/18

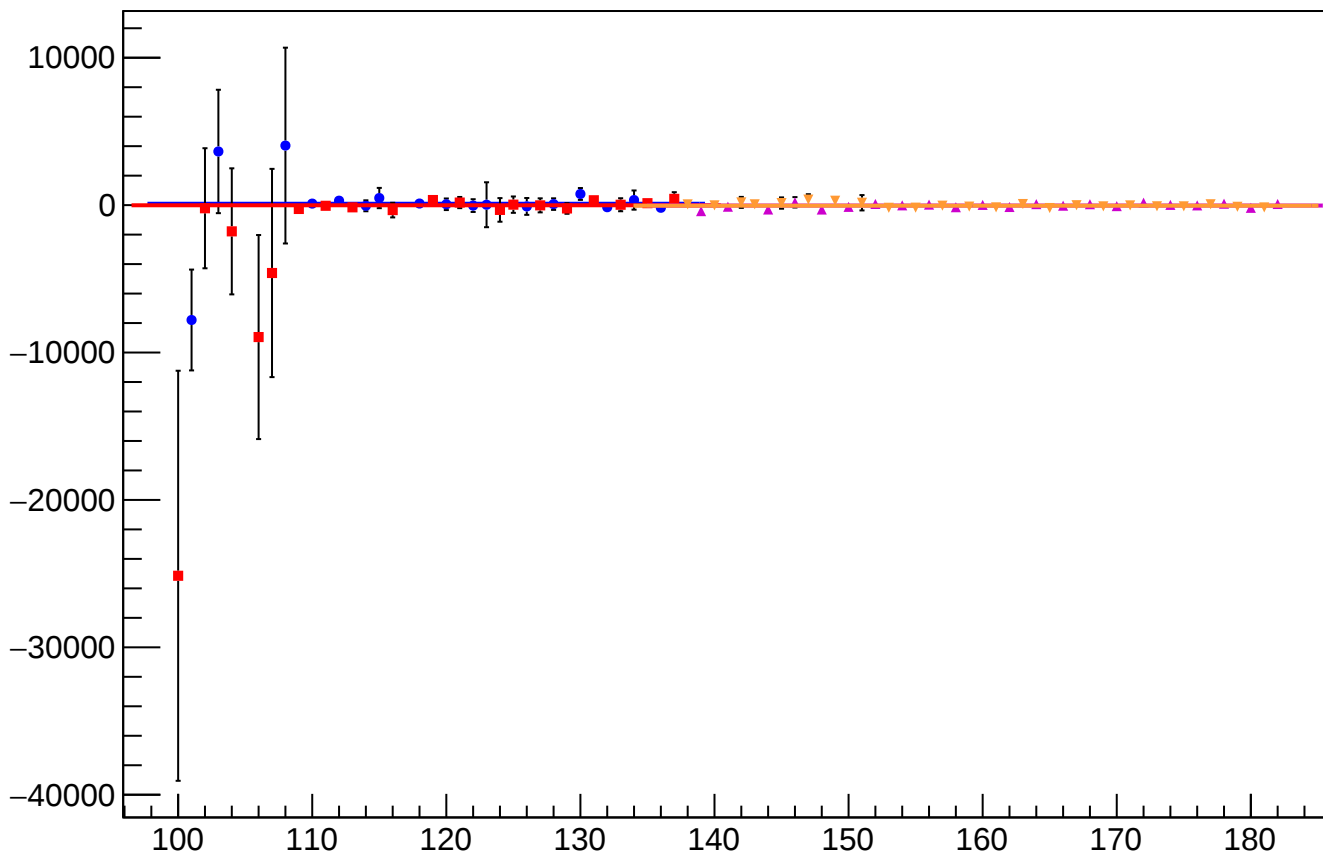
Left In: 28.674+/-0.005 χ^2/NDF : 124743.5/21

+ sign 28.489+/-0.004 χ^2/NDF : 3139217.4/39

All: 28.466+/-0.003 χ^2/NDF : 6750245.3/80

- sign 28.442+/-0.004 χ^2/NDF : 3610965.7/40

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 93.587 $\pm$ 88.455 χ^2 /NDF: 12.8/16

Left Out: -36.784 $\pm$ 50.424 χ^2 /NDF: 6.4/22

Right Out: -9.682 $\pm$ 80.708 χ^2 /NDF: 12.8/18

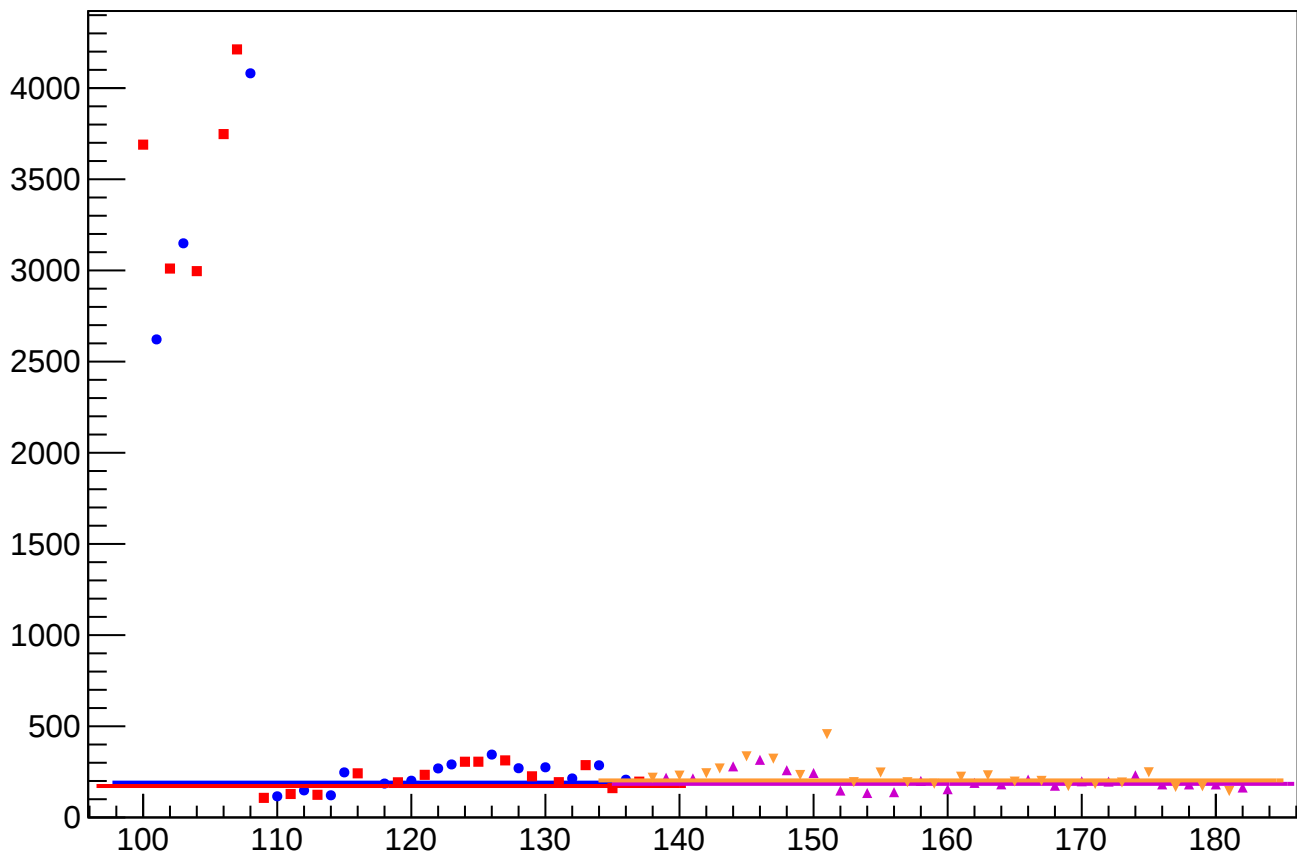
Left In: -28.547 $\pm$ 46.326 χ^2 /NDF: 7.8/21

+ sign -4.809 $\pm$ 43.806 χ^2 /NDF: 20.8/39

All: -15.162 $\pm$ 29.610 χ^2 /NDF: 41.5/80

- sign -23.872 $\pm$ 40.178 χ^2 /NDF: 20.6/40

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.997 $\pm$ 0.063 χ^2 /NDF: 3587805.7/16

Left Out: 203.087 $\pm$ 0.036 χ^2 /NDF: 1705581.4/22

Right Out: 172.430 $\pm$ 0.057 χ^2 /NDF: 4212918.4/18

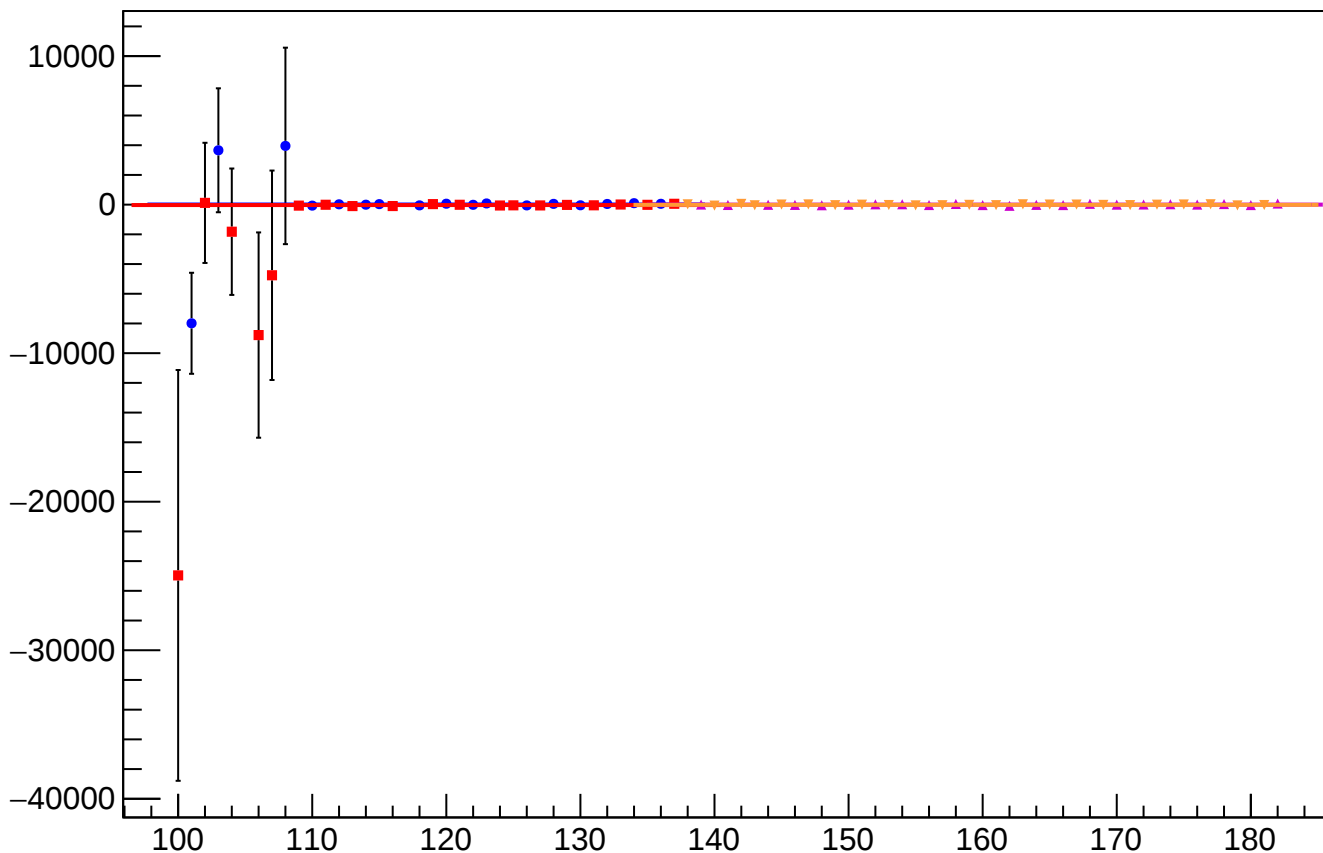
Left In: 184.279 $\pm$ 0.033 χ^2 /NDF: 1407894.8/21

+ sign 200.122 $\pm$ 0.031 χ^2 /NDF: 5321585.6/39

All: 189.922 $\pm$ 0.021 χ^2 /NDF: 11174454.2/80

- sign 181.342 $\pm$ 0.028 χ^2 /NDF: 5653237.1/40

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 7.963 $\pm$ 12.403 χ^2 /NDF: 22.9/16

Left Out: -12.730 $\pm$ 6.914 χ^2 /NDF:15.5/22

Right Out: -28.182 $\pm$ 12.369 χ^2 /NDF: 16.5/18

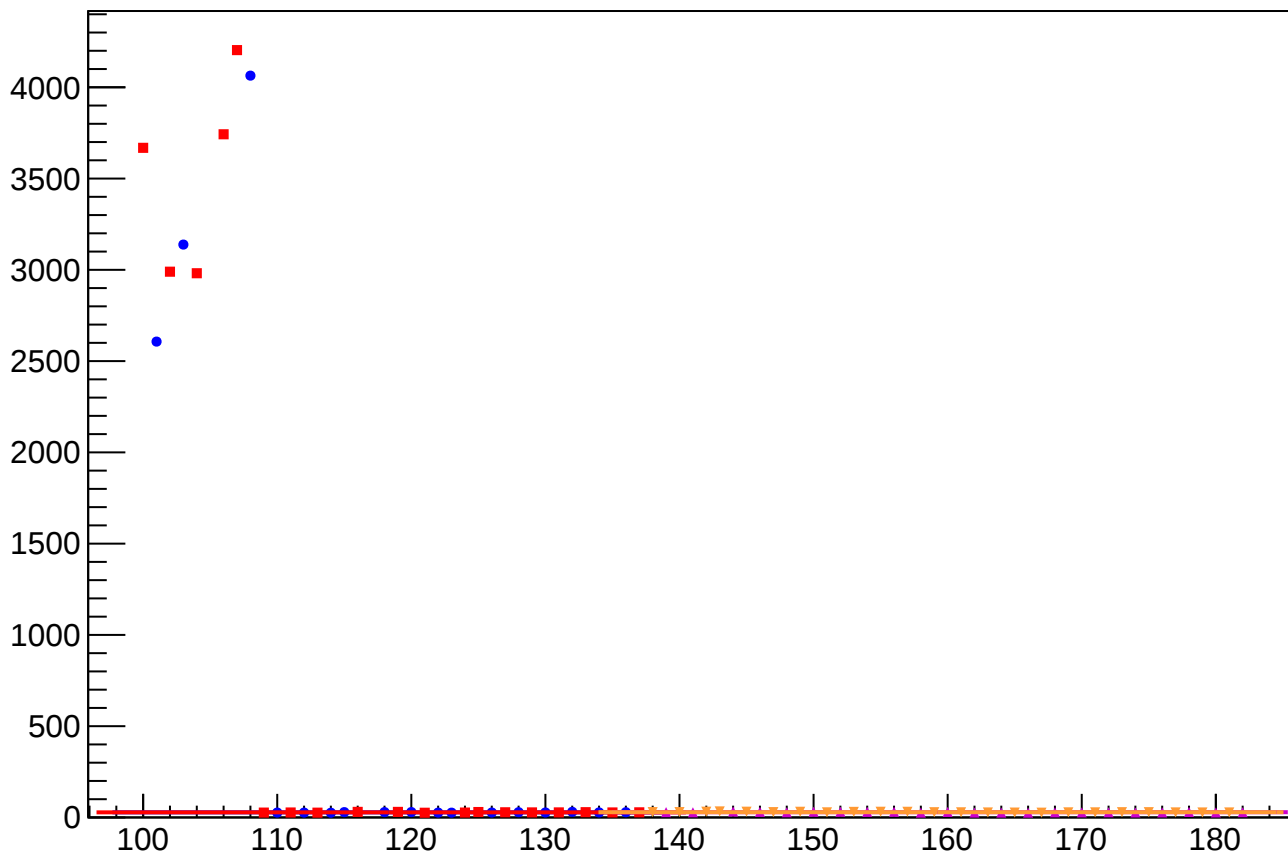
Left In: 0.424 $\pm$ 6.968 χ^2 /NDF:26.3/21

+ sign -7.825 $\pm$ 6.039 χ^2 /NDF: 40.5/39

All: -7.149 $\pm$ 4.281 χ^2 /NDF: 87.4/80

- sign -6.466 $\pm$ 6.071 χ^2 /NDF: 46.8/40

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.059+/-0.009 χ^2/NDF : 3028297.0/16

Left Out: 28.810+/-0.005 χ^2/NDF : 115888.7/22

Right Out: 27.935+/-0.009 χ^2/NDF : 3479859.0/18

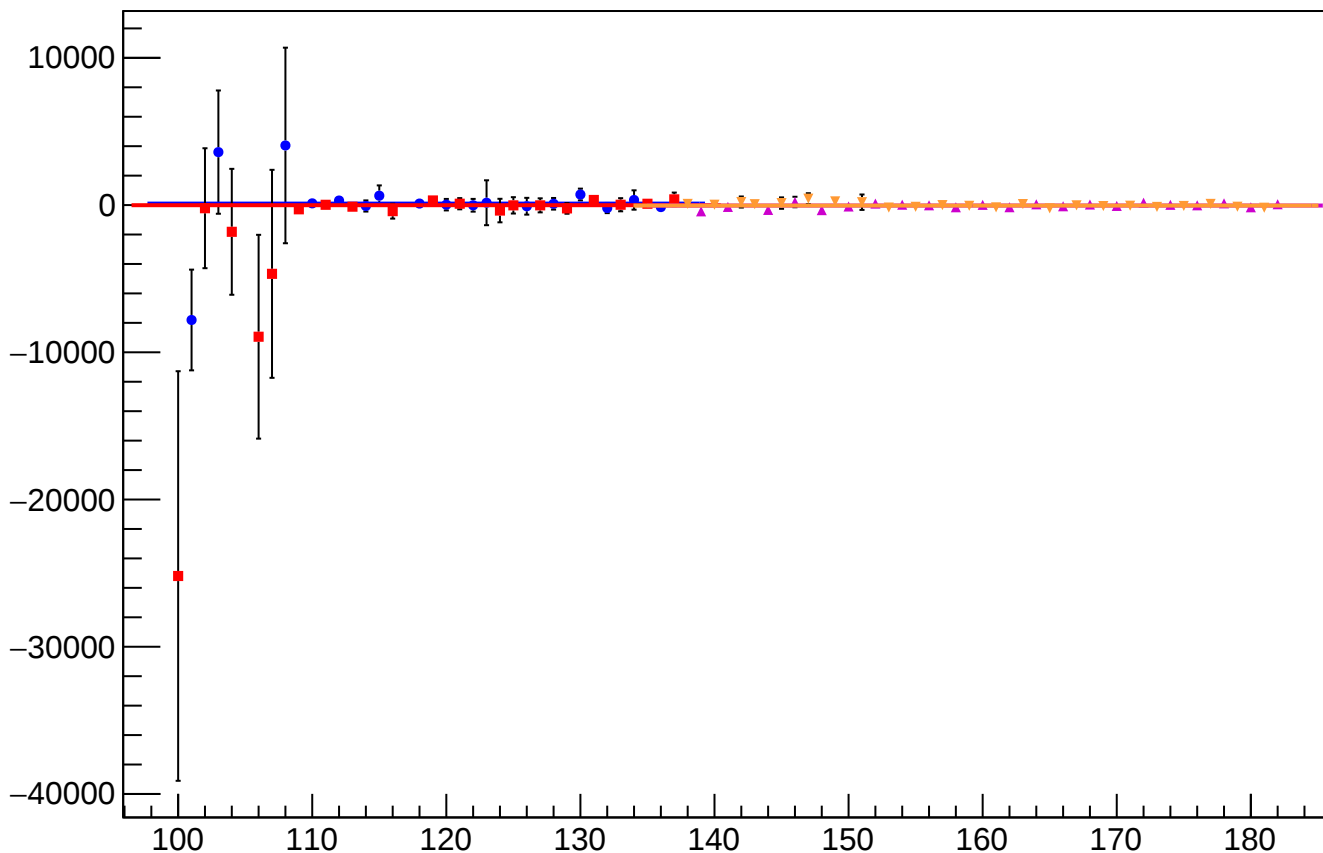
Left In: 28.797+/-0.005 χ^2/NDF : 129352.3/21

+ sign 28.632+/-0.004 χ^2/NDF : 3149785.9/39

All: 28.611+/-0.003 χ^2/NDF : 6766406.9/80

- sign 28.589+/-0.004 χ^2/NDF : 3616570.3/40

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 99.706 $\pm$ 89.513 χ^2 /NDF: 12.6/16

Left Out: -31.837 $\pm$ 51.003 χ^2 /NDF: 6.7/22

Right Out: -8.453 $\pm$ 81.796 χ^2 /NDF: 12.3/18

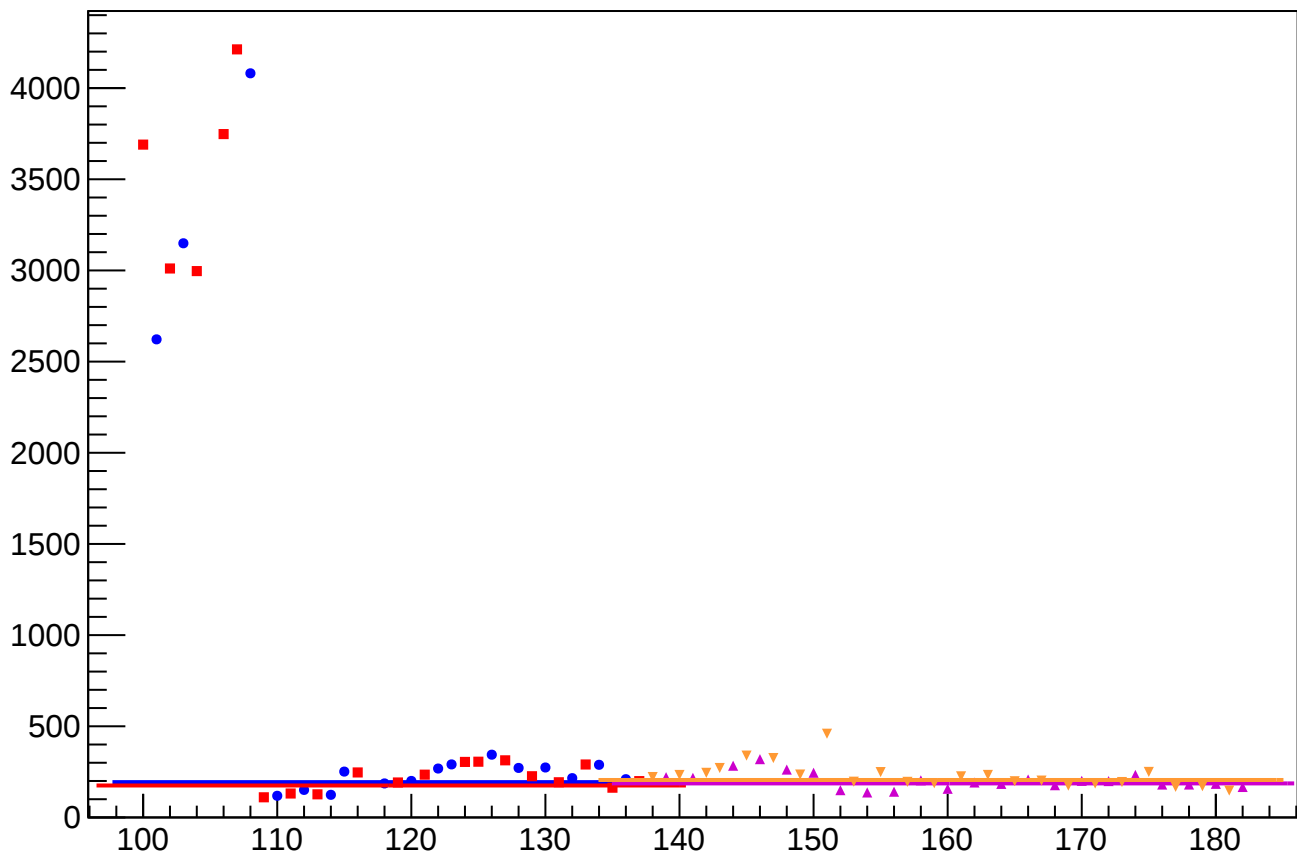
Left In: -32.238 $\pm$ 46.902 χ^2 /NDF: 8.1/21

+ sign 0.402 $\pm$ 44.314 χ^2 /NDF: 21.0/39

All: -14.115 $\pm$ 29.971 χ^2 /NDF: 41.7/80

- sign -26.353 $\pm$ 40.688 χ^2 /NDF: 20.5/40

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 193.748+/-0.063 χ^2/NDF : 3539977.5/16

Left Out: 205.510+/-0.036 χ^2/NDF : 1690590.7/22

Right Out: 175.305+/-0.058 χ^2/NDF : 4160397.0/18

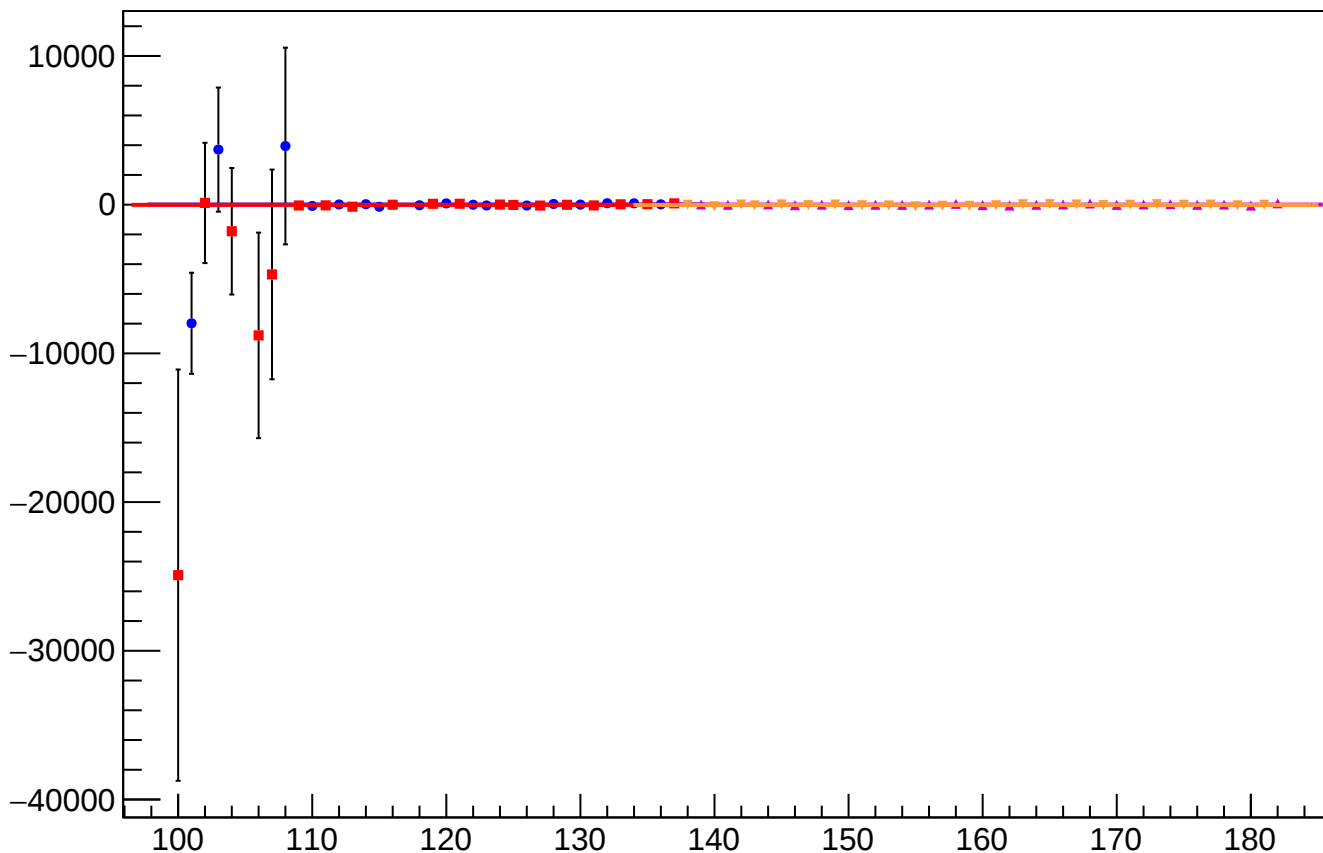
Left In: 186.708+/-0.033 χ^2/NDF : 1377086.1/21

+ sign 202.628+/-0.031 χ^2/NDF : 5256639.7/39

All: 192.459+/-0.021 χ^2/NDF : 11017465.2/80

- sign 183.886+/-0.029 χ^2/NDF : 5566731.8/40

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 6.968 $\pm$ 15.099 χ^2 /NDF: 20.2/16

Left Out: -23.731 $\pm$ 8.284 χ^2 /NDF:23.7/22

Right Out: -11.301 $\pm$ 14.995 χ^2 /NDF: 21.5/18

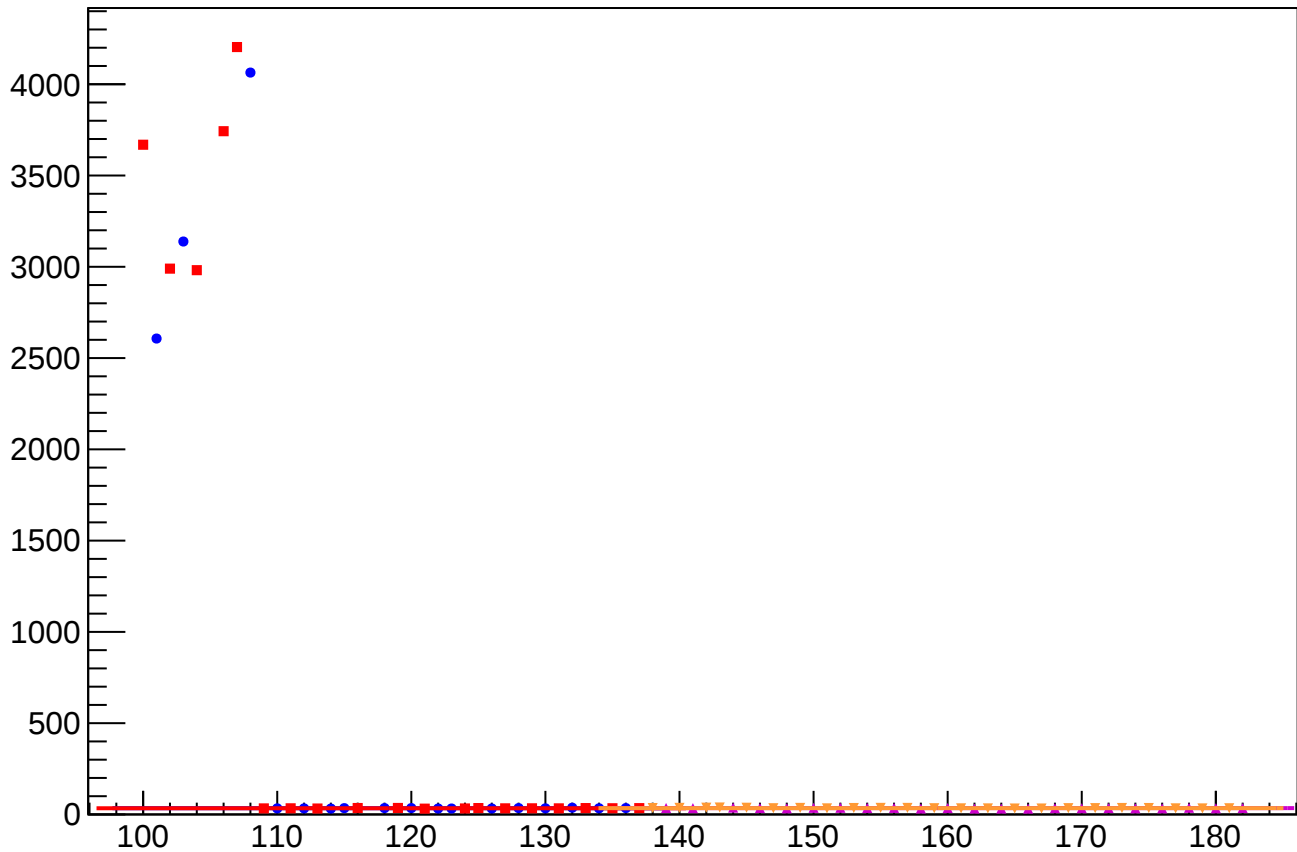
Left In: 5.430 $\pm$ 8.377 χ^2 /NDF:20.8/21

+ sign -16.628 $\pm$ 7.263 χ^2 /NDF: 47.1/39

All: -7.651 $\pm$ 5.153 χ^2 /NDF: 93.4/80

- sign 1.451 $\pm$ 7.313 χ^2 /NDF: 43.3/40

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.196 $\pm$ 0.011 χ^2 /NDF: 3006449.1/16

Left Out: 34.575 $\pm$ 0.006 χ^2 /NDF: 54205.1/22

Right Out: 33.933 $\pm$ 0.011 χ^2 /NDF: 3452016.9/18

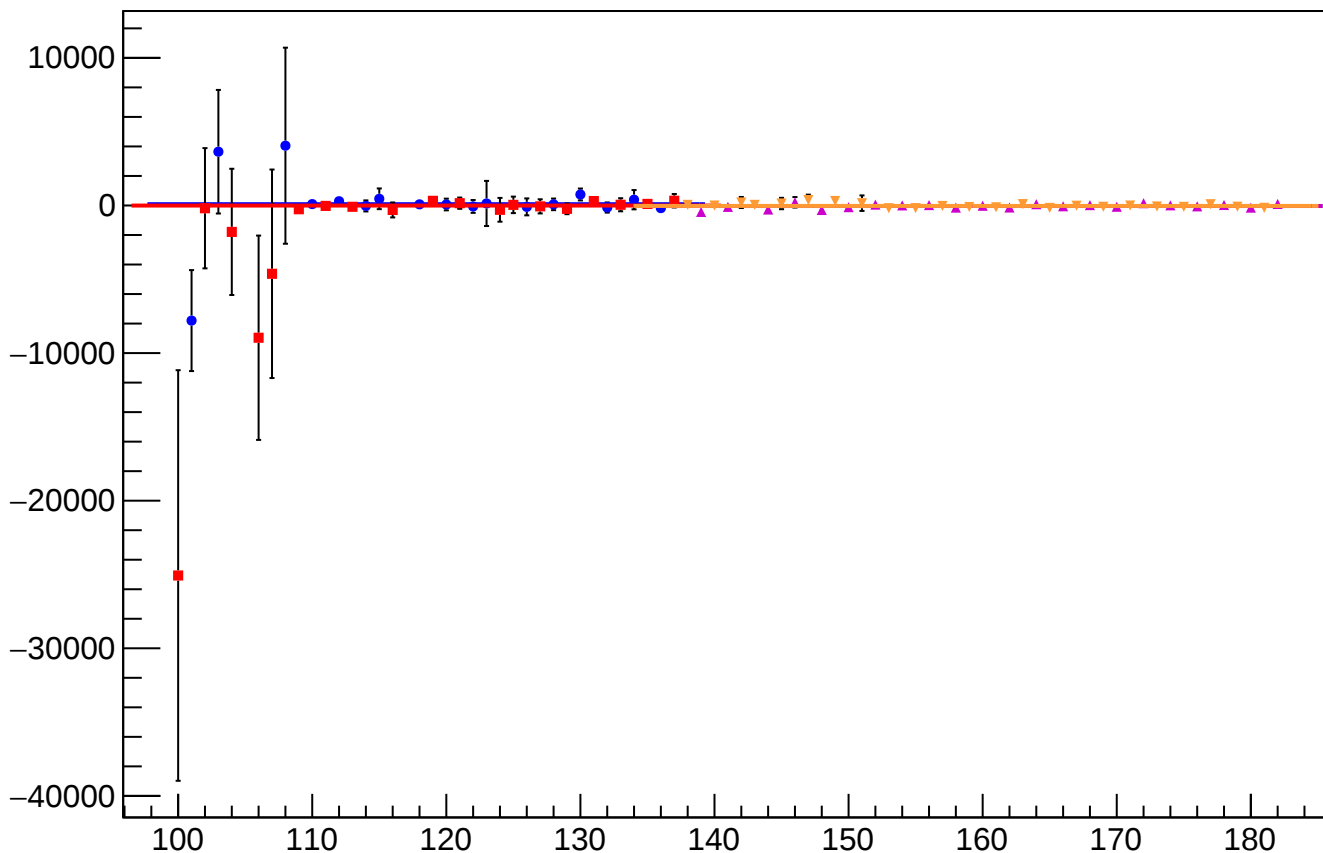
Left In: 34.681 $\pm$ 0.006 χ^2 /NDF: 60286.3/21

+ sign 34.487 $\pm$ 0.005 χ^2 /NDF: 3061618.4/39

All: 34.495 $\pm$ 0.004 χ^2 /NDF: 6577720.1/80

- sign 34.503 $\pm$ 0.005 χ^2 /NDF: 3516096.9/40

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 87.034+/-89.059 χ^2/NDF : 12.5/16

Left Out: -30.199+/-50.950 χ^2/NDF : 6.4/22

Right Out: -5.093+/-81.280 χ^2/NDF : 11.1/18

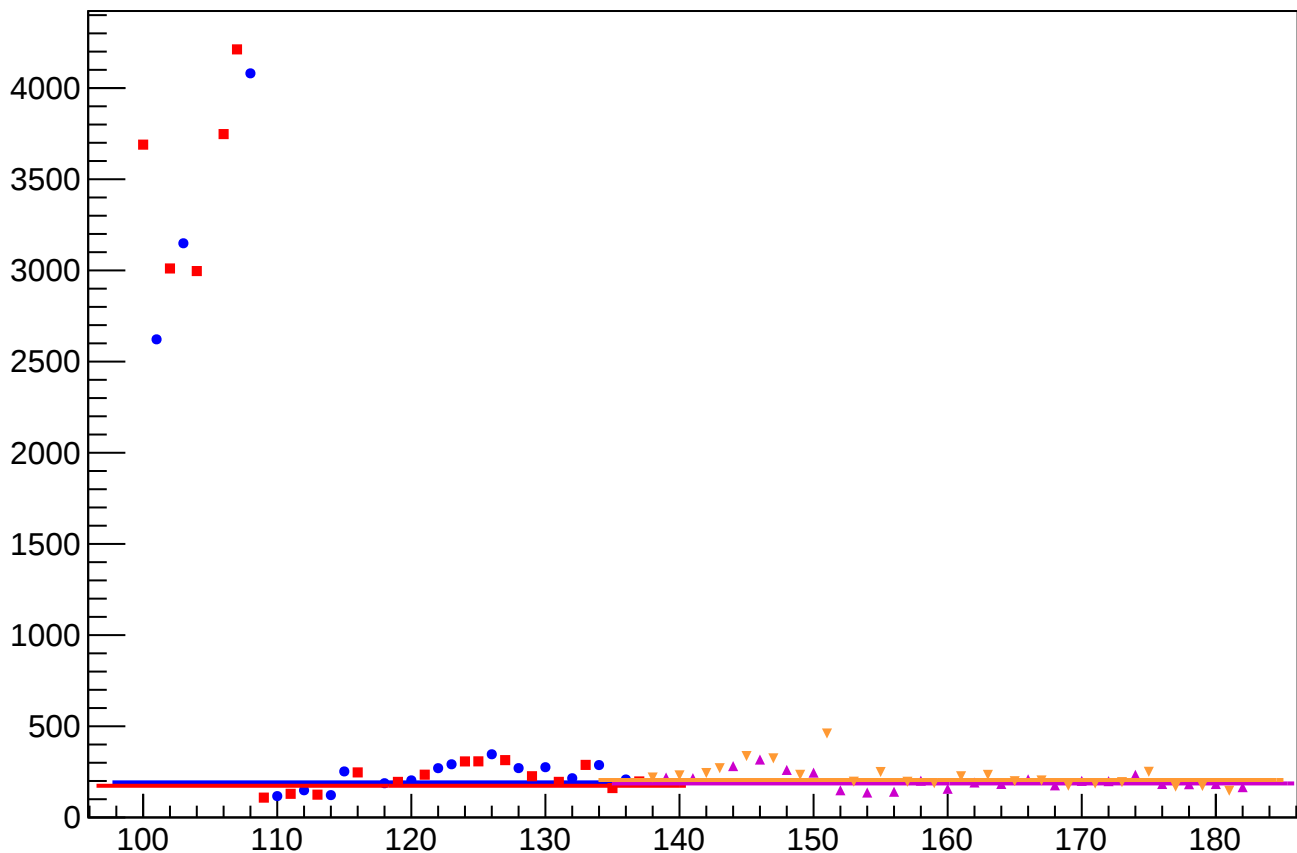
Left In: -36.125+/-46.843 χ^2/NDF : 7.3/21

+ sign -1.292+/-44.224 χ^2/NDF : 20.2/39

All: -16.000+/-29.902 χ^2/NDF : 39.0/80

- sign -28.388+/-40.585 χ^2/NDF : 18.6/40

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 192.416+/-0.063 χ^2/NDF : 3577822.3/16

Left Out: 205.315+/-0.036 χ^2/NDF : 1677747.9/22

Right Out: 173.760+/-0.057 χ^2/NDF : 4205861.6/18

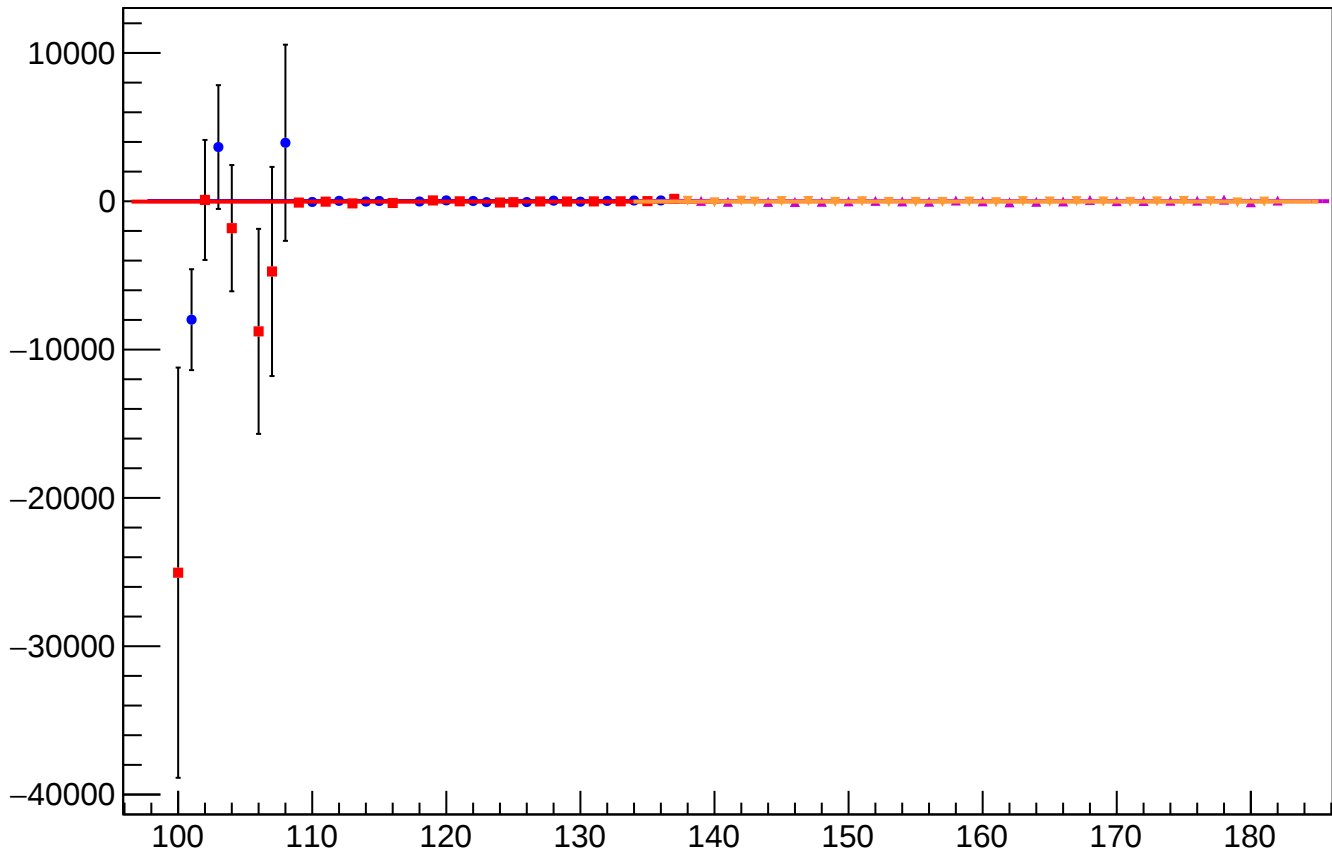
Left In: 186.473+/-0.033 χ^2/NDF : 1366718.8/21

+ sign 202.135+/-0.031 χ^2/NDF : 5287182.3/39

All: 191.912+/-0.021 χ^2/NDF : 11093336.9/80

- sign 183.303+/-0.029 χ^2/NDF : 5609307.2/40

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 12.332+/-13.769 χ^2/NDF : 14.5/16

Left Out: -20.743+/-7.542 χ^2/NDF : 17.3/22

Right Out: -22.098+/-13.701 χ^2/NDF : 27.9/18

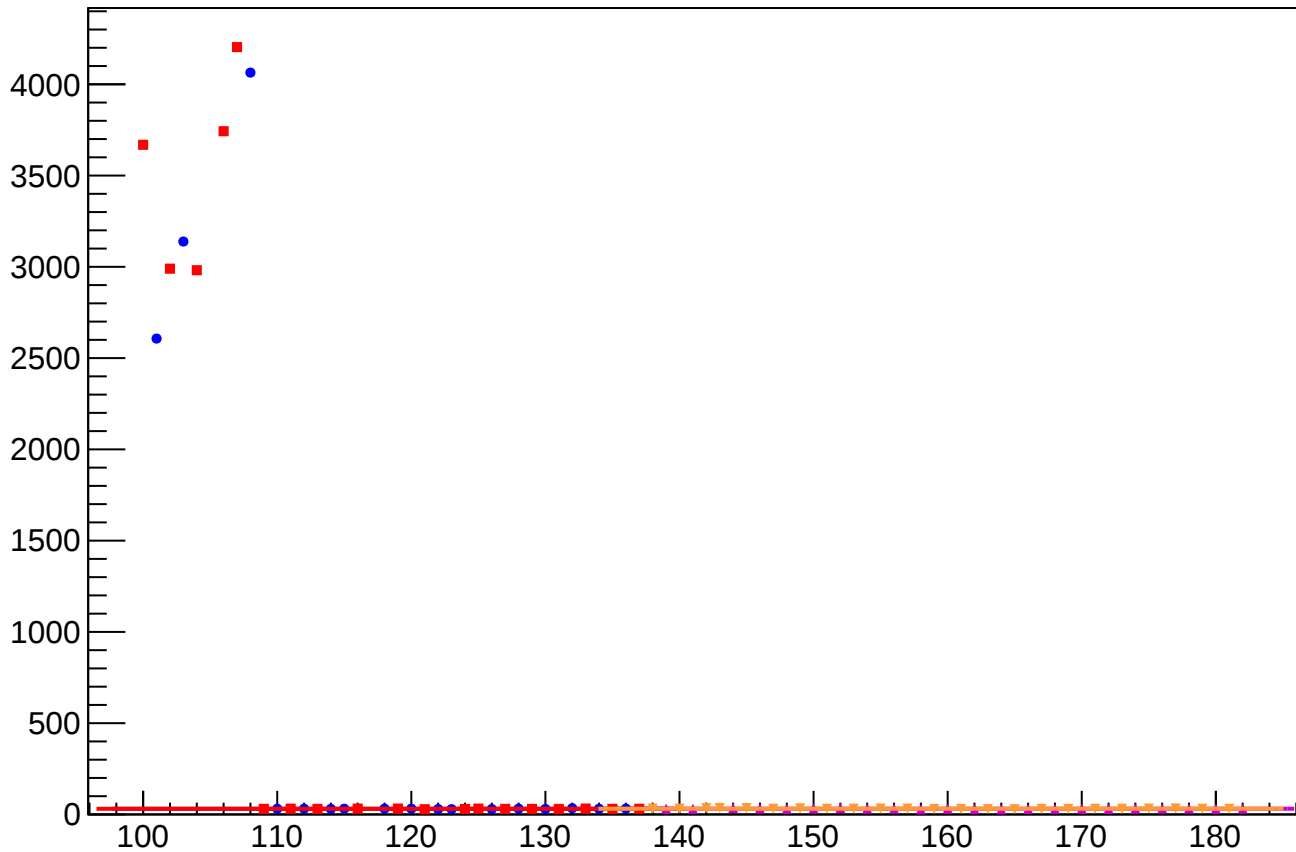
Left In: 5.925+/-7.612 χ^2/NDF : 38.3/21

+ sign -13.109+/-6.615 χ^2/NDF : 36.3/39

All: -6.932+/-4.691 χ^2/NDF : 107.4/80

- sign -0.684+/-6.654 χ^2/NDF : 69.4/40

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.184 $\pm$ 0.010 χ^2 /NDF: 3014248.1/16

Left Out: 31.456 $\pm$ 0.005 χ^2 /NDF: 77407.3/22

Right Out: 30.984 $\pm$ 0.010 χ^2 /NDF: 3458879.7/18

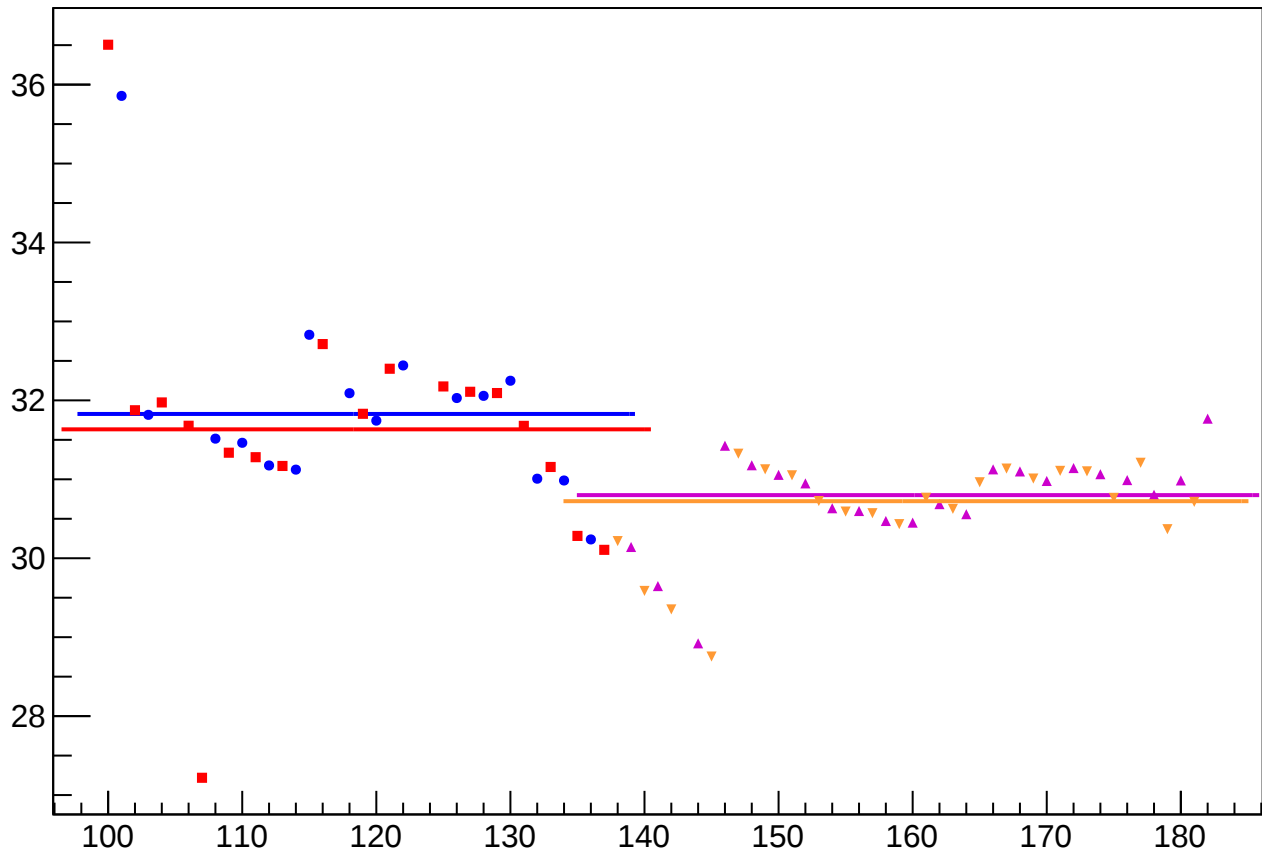
Left In: 31.480 $\pm$ 0.005 χ^2 /NDF: 87946.5/21

+ sign 31.393 $\pm$ 0.005 χ^2 /NDF: 3092255.3/39

All: 31.379 $\pm$ 0.003 χ^2 /NDF: 6641105.3/80

- sign 31.363 $\pm$ 0.005 χ^2 /NDF: 3548829.5/40

yield_usl_mean vs Slug



Right In: 31.828 $\pm$ 0.000 χ^2 /NDF: 1553310195.5/15

Left Out: 30.723 $\pm$ 0.000 χ^2 /NDF: 766198986.2/21

Right Out: 31.633 $\pm$ 0.000 χ^2 /NDF: 860874235.3/17

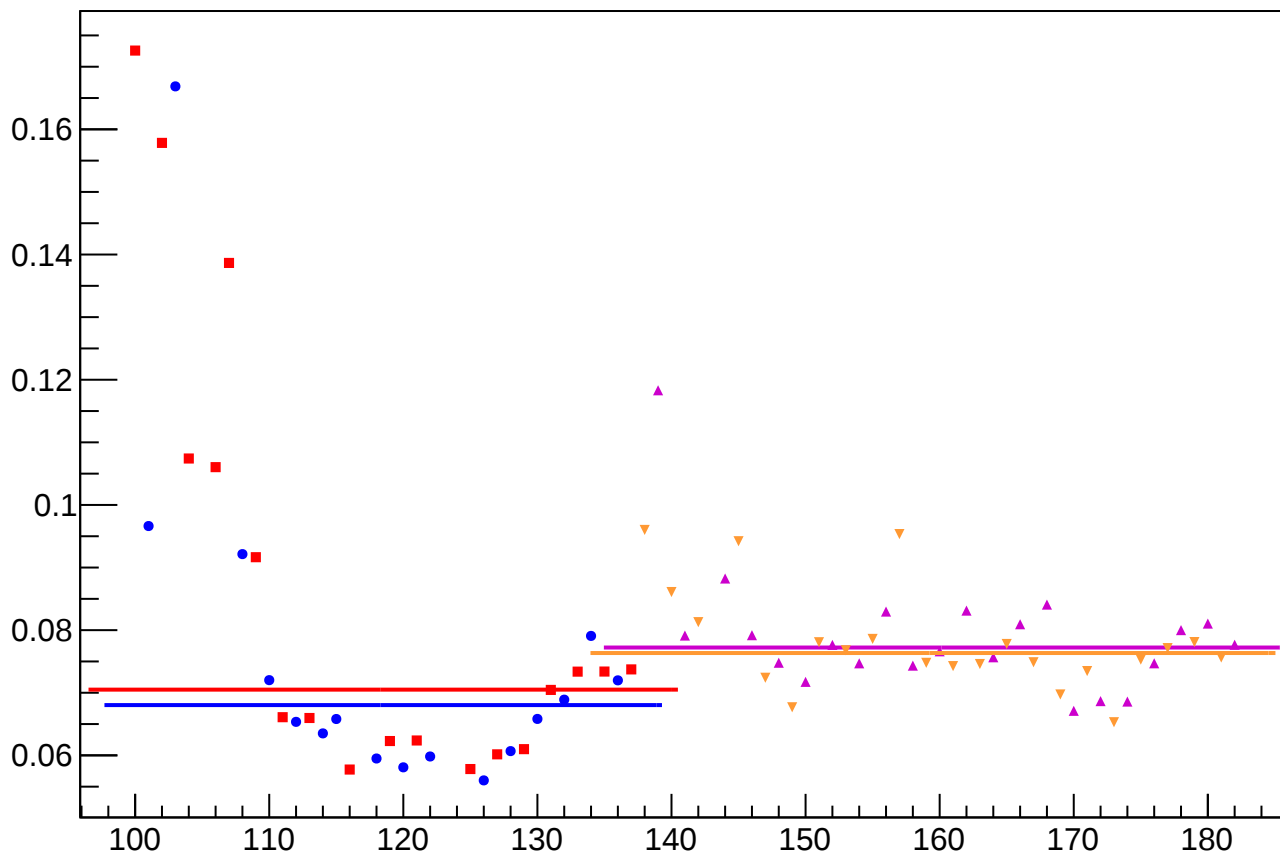
Left In: 30.800 $\pm$ 0.000 χ^2 /NDF: 809683221.3/21

+ sign 31.080 $\pm$ 0.000 χ^2 /NDF: 3347872492.1/37

All: 31.070 $\pm$ 0.000 χ^2 /NDF: 5585655510.7/7

- sign 31.060 $\pm$ 0.000 χ^2 /NDF: 2237030662.5/39

yield_usl_rms vs Slug



Right In: 0.068+/-0.000 χ^2/NDF : 632212.4/15

Left Out: 0.076+/-0.000 χ^2/NDF : 268276.3/21

Right Out: 0.070+/-0.000 χ^2/NDF : 838852.0/17

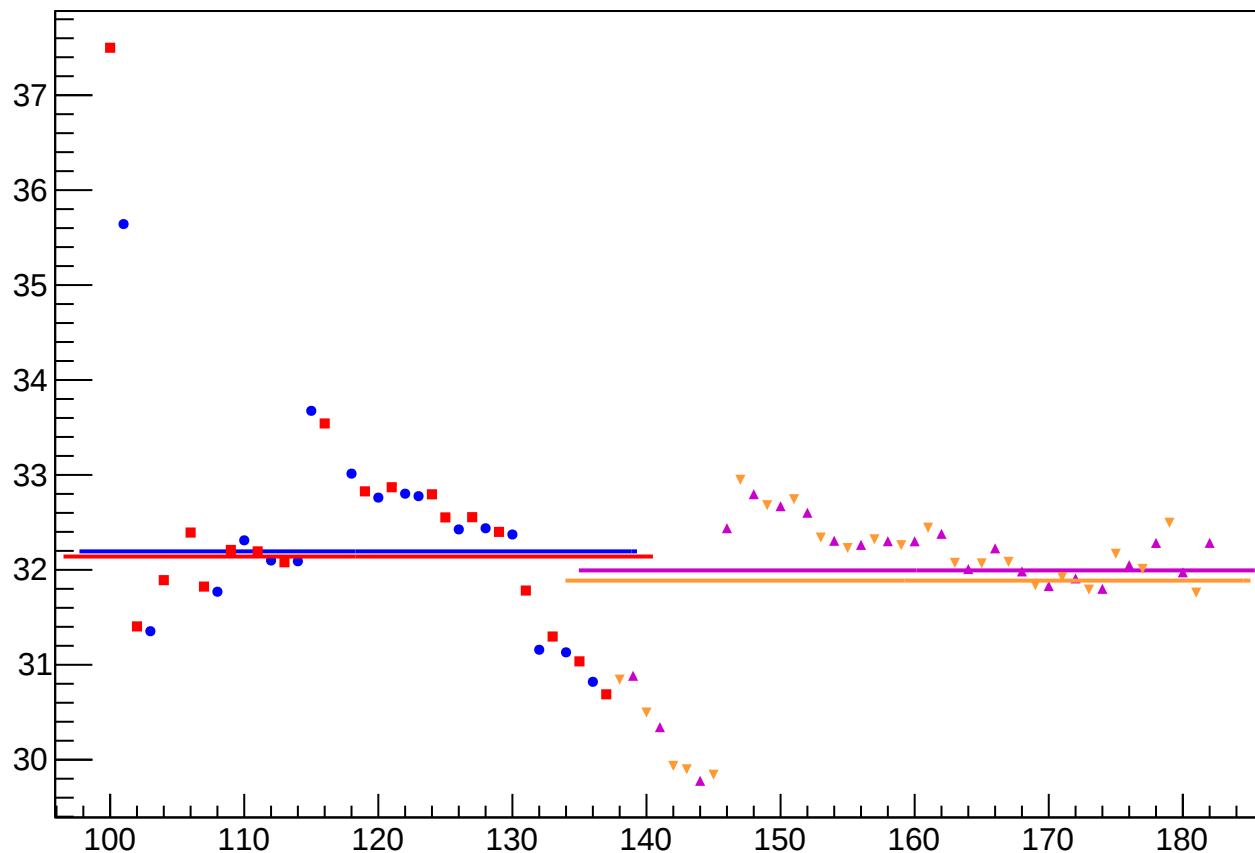
Left In: 0.077+/-0.000 χ^2/NDF : 320941.8/21

+ sign 0.074+/-0.000 χ^2/NDF : 1016989.8/37

All: 0.074+/-0.000 χ^2/NDF : 2258807.6/77

- sign 0.075+/-0.000 χ^2/NDF : 1233621.1/39

yield_usr_mean vs Slug



Right In: 32.195+/-0.000 χ^2/NDF : 1002008039.3/16

Left Out: 31.887+/-0.000 χ^2/NDF : 1890640261.2/22

Right Out: 32.140+/-0.000 χ^2/NDF : 421423009.8/18

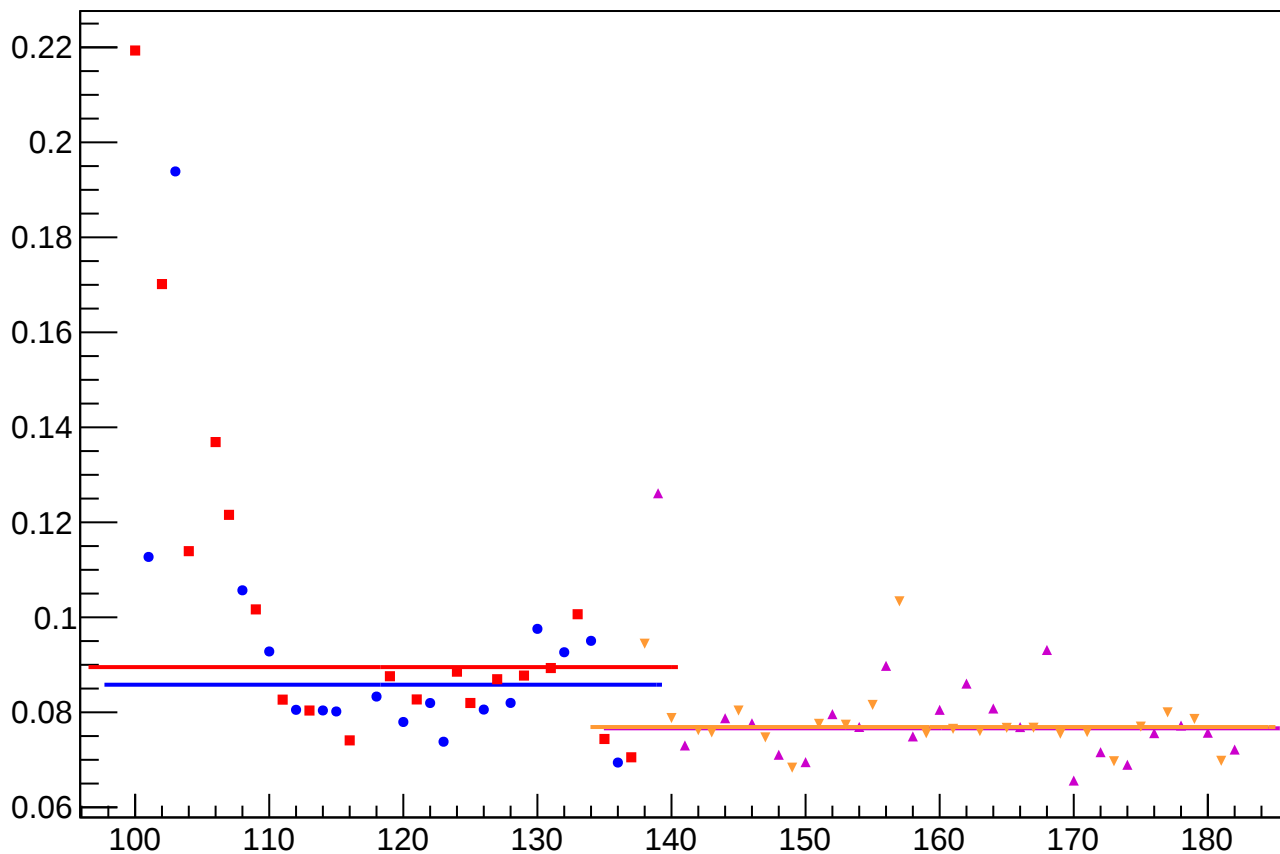
Left In: 31.994+/-0.000 χ^2/NDF : 1404180199.7/21

+ sign 31.956+/-0.000 χ^2/NDF : 2950267853.4/39

All: 31.991+/-0.000 χ^2/NDF : 4797174068.9/80

- sign 32.027+/-0.000 χ^2/NDF : 1838307650.3/40

yield_usr_rms vs Slug



Right In: 0.086+/-0.000 χ^2/NDF : 554772.3/16

Left Out: 0.077+/-0.000 χ^2/NDF : 199335.8/22

Right Out: 0.090+/-0.000 χ^2/NDF : 539119.2/18

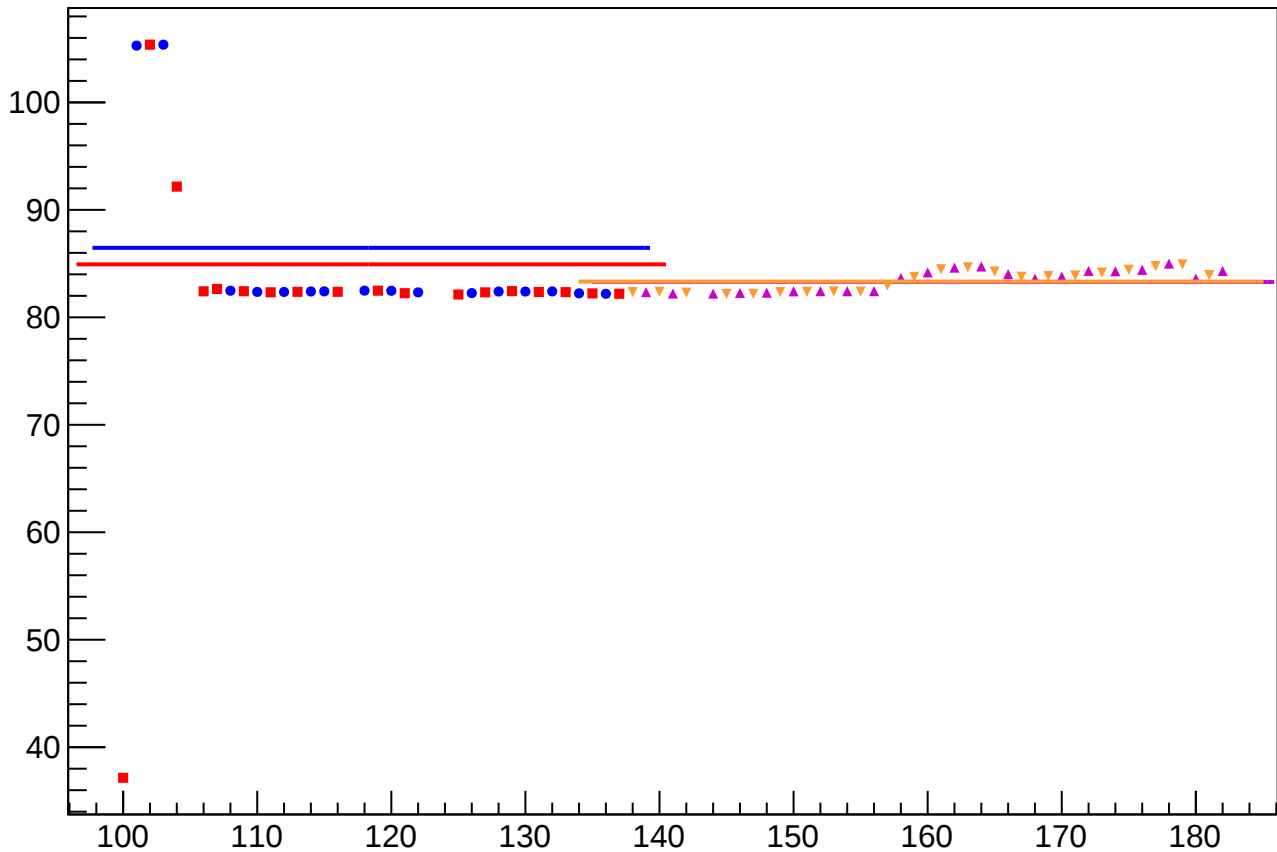
Left In: 0.077+/-0.000 χ^2/NDF : 427819.6/21

+ sign 0.079+/-0.000 χ^2/NDF : 850567.6/39

All: 0.079+/-0.000 χ^2/NDF : 2016442.6/80

- sign 0.079+/-0.000 χ^2/NDF : 1164771.6/40

yield_dsl_mean vs Slug



Right In: 86.468+/-0.000 χ^2/NDF : 291253714999.8/15

Left Out: 83.327+/-0.000 χ^2/NDF : 7907587711.3/21

Right Out: 84.929+/-0.000 χ^2/NDF : 172101973960.6/17

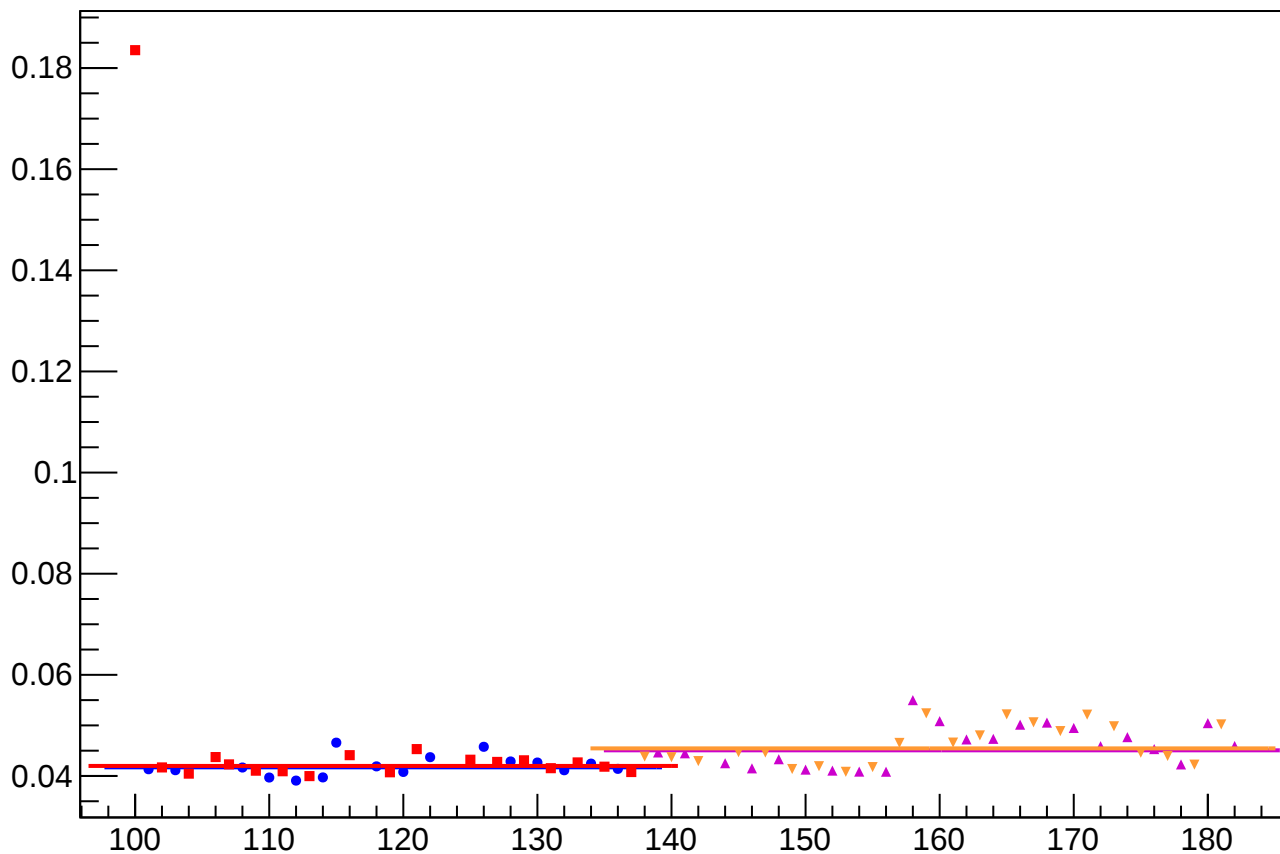
Left In: 83.286+/-0.000 χ^2/NDF : 8098399974.2/21

+ sign 84.343+/-0.000 χ^2/NDF : 324236174453.4/37

All: 84.073+/-0.000 χ^2/NDF : 513219983040.0

- sign 83.814+/-0.000 χ^2/NDF : 187324512544.6/39

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 19442.4/15

Left Out: 0.045+/-0.000 χ^2/NDF : 203878.1/21

Right Out: 0.042+/-0.000 χ^2/NDF : 96987.8/17

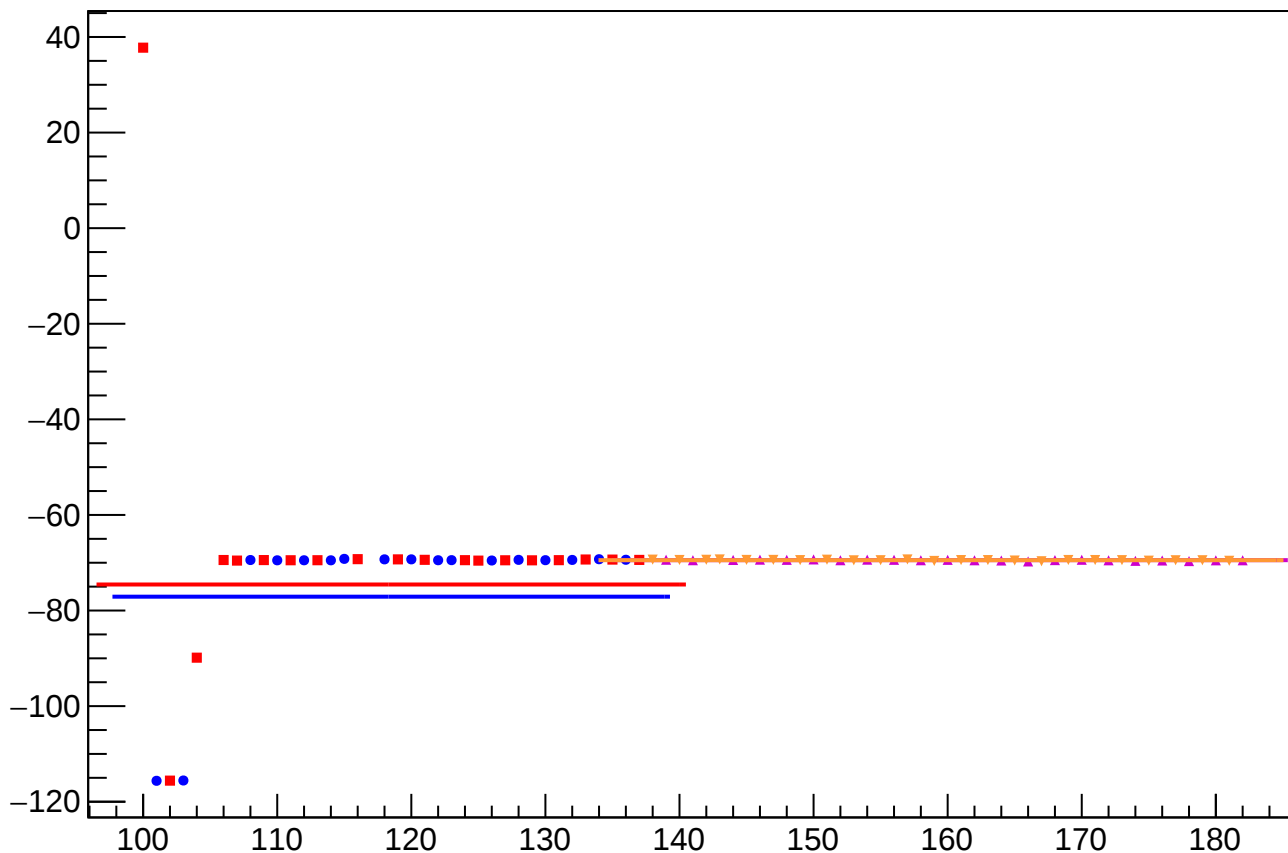
Left In: 0.045+/-0.000 χ^2/NDF : 236630.2/21

+ sign 0.044+/-0.000 χ^2/NDF : 294667.2/37

All: 0.044+/-0.000 χ^2/NDF : 678980.4/77

- sign 0.044+/-0.000 χ^2/NDF : 383996.0/39

yield_dsr_mean vs Slug



Right In: -77.101 ± 0.000 χ^2/NDF : 564992278701.1/16

Left Out: -69.465 ± 0.000 χ^2/NDF : 47502440.9/22

Right Out: -74.552 ± 0.000 χ^2/NDF : 371830924165.2/18

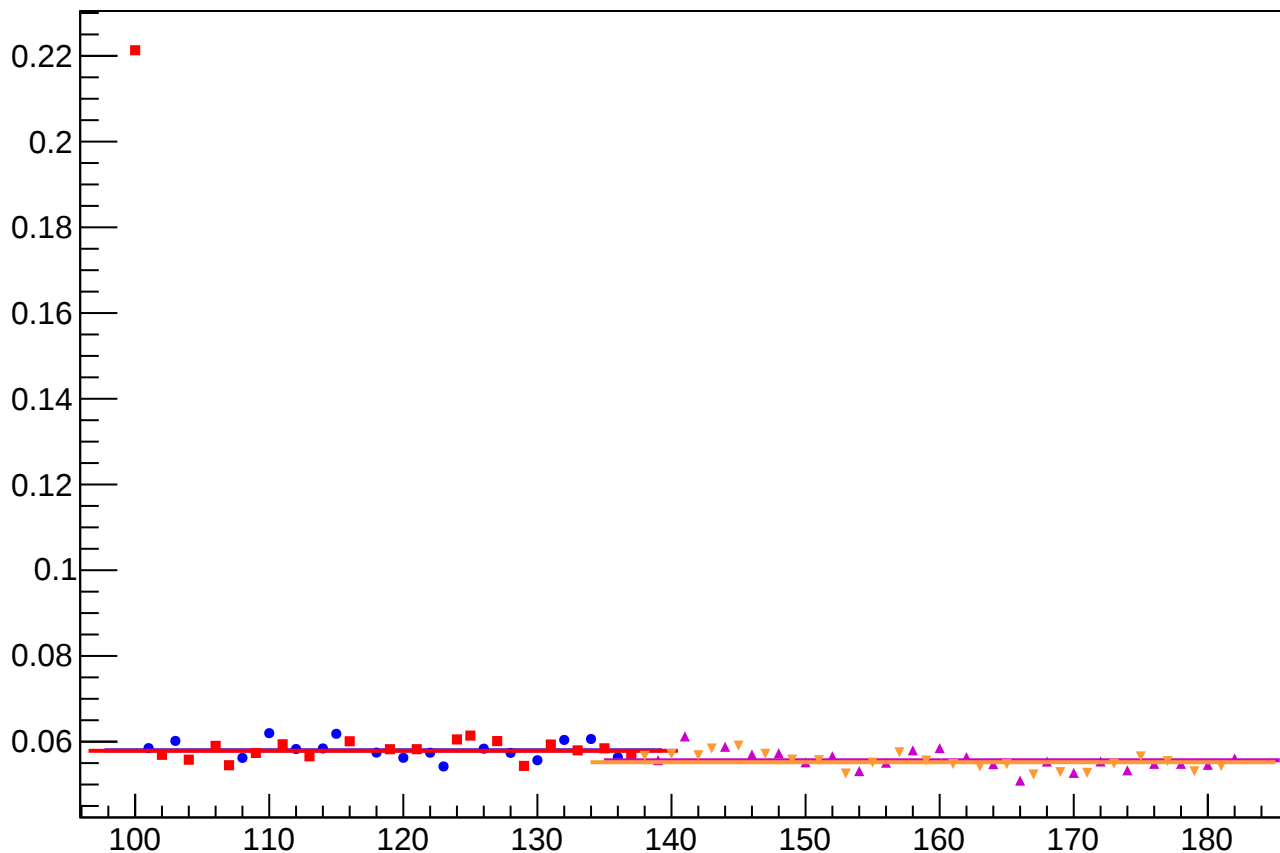
Left In: -69.460 ± 0.000 χ^2/NDF : 51964664.6/21

+ sign -71.429 ± 0.000 χ^2/NDF : 647706641114.8/3

All: -71.148 ± 0.000 χ^2/NDF : 105906796309

- sign -70.866 ± 0.000 χ^2/NDF : 410188457264.2/40

yield_dsr_rms vs Slug



Right In: 0.058 $\pm$ 0.000 χ^2 /NDF: 12317.7/16

Left Out: 0.055 $\pm$ 0.000 χ^2 /NDF: 37141.3/22

Right Out: 0.058 $\pm$ 0.000 χ^2 /NDF: 87700.9/18

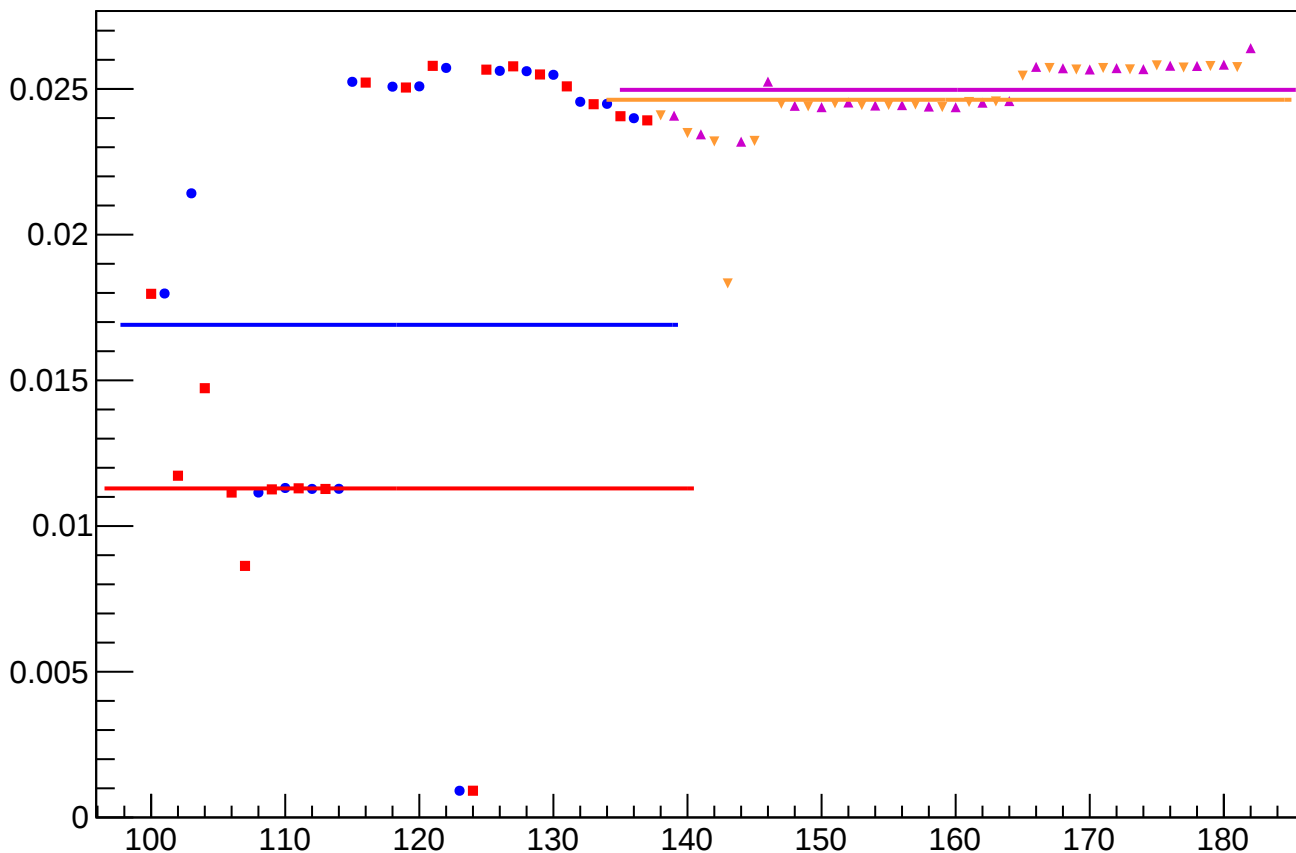
Left In: 0.056 $\pm$ 0.000 χ^2 /NDF: 50004.0/21

+ sign 0.056 $\pm$ 0.000 χ^2 /NDF: 71217.5/39

All: 0.056 $\pm$ 0.000 χ^2 /NDF: 224405.7/80

- sign 0.056 $\pm$ 0.000 χ^2 /NDF: 152270.6/40

yield_atl1_mean vs Slug



Right In: 0.017 $\pm$ 0.000 χ^2 /NDF: 126025885261.2/16

Left Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 8077270338.9/22

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 233231439443.8/18

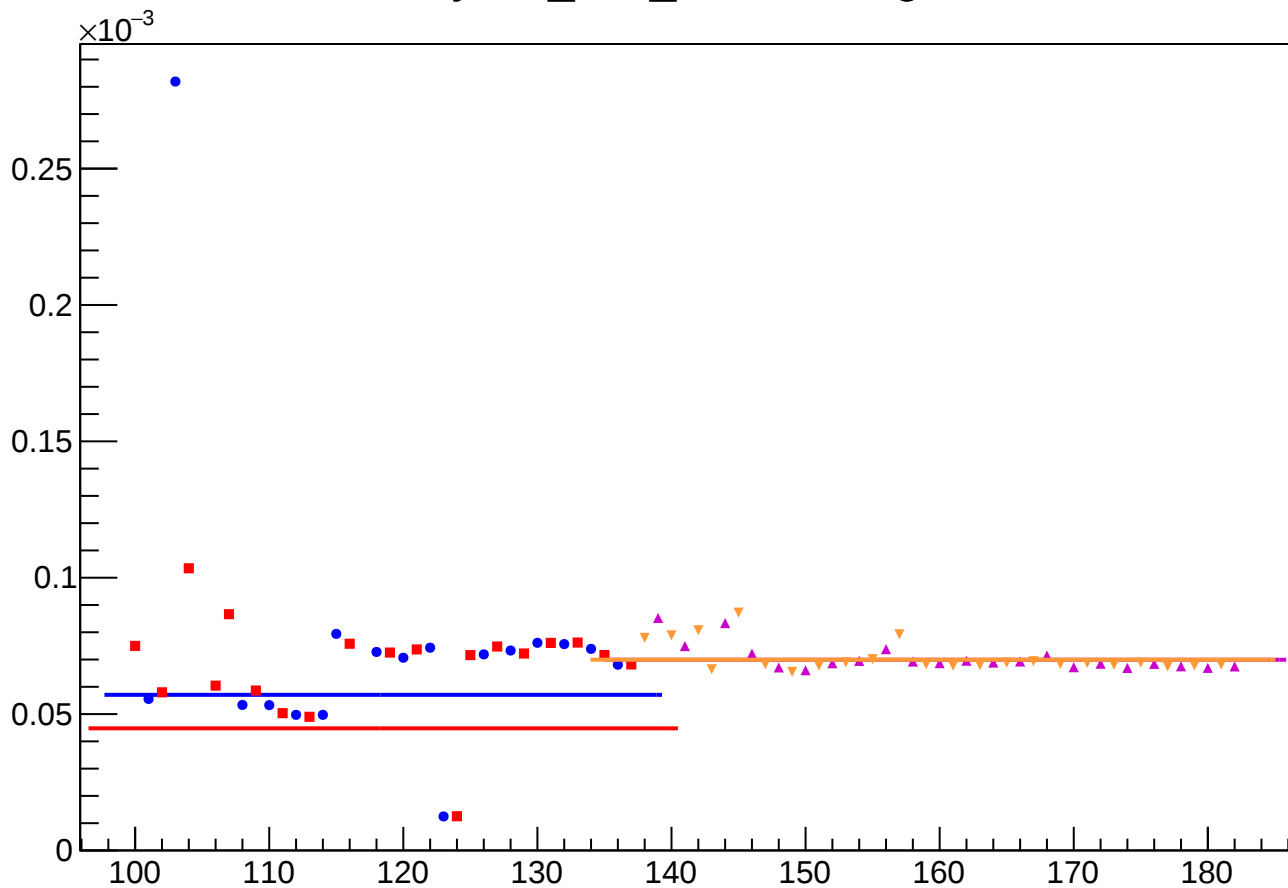
Left In: 0.025 $\pm$ 0.000 χ^2 /NDF: 2333857292.4/21

+ sign 0.022 $\pm$ 0.000 χ^2 /NDF: 201642058188.6/39

All: 0.021 $\pm$ 0.000 χ^2 /NDF: 722402177399.3

- sign 0.019 $\pm$ 0.000 χ^2 /NDF: 500059946142.2/40

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1998313.1/16

Left Out: 0.000+/-0.000 χ^2/NDF :152093.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 3584797.7/18

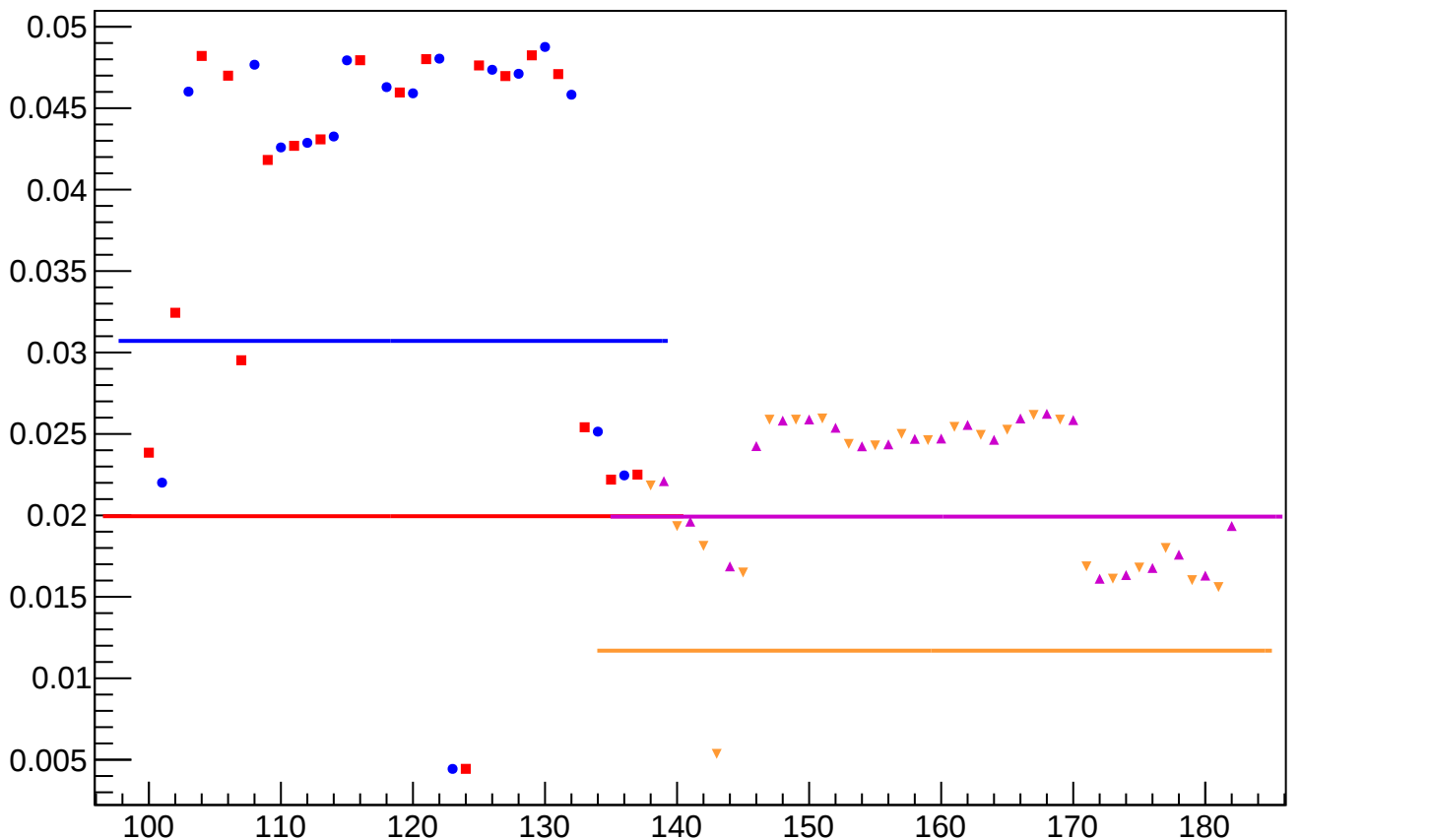
Left In: 0.000+/-0.000 χ^2/NDF :127700.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 2526179.6/39

All: 0.000+/-0.000 χ^2/NDF : 8232418.0/80

- sign 0.000+/-0.000 χ^2/NDF : 5500503.1/40

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21081896587.0/16

Left Out: 0.012+/-0.000 χ^2/NDF : 36239894903.7/22

Right Out: 0.020+/-0.000 χ^2/NDF : 39758690289.2/18

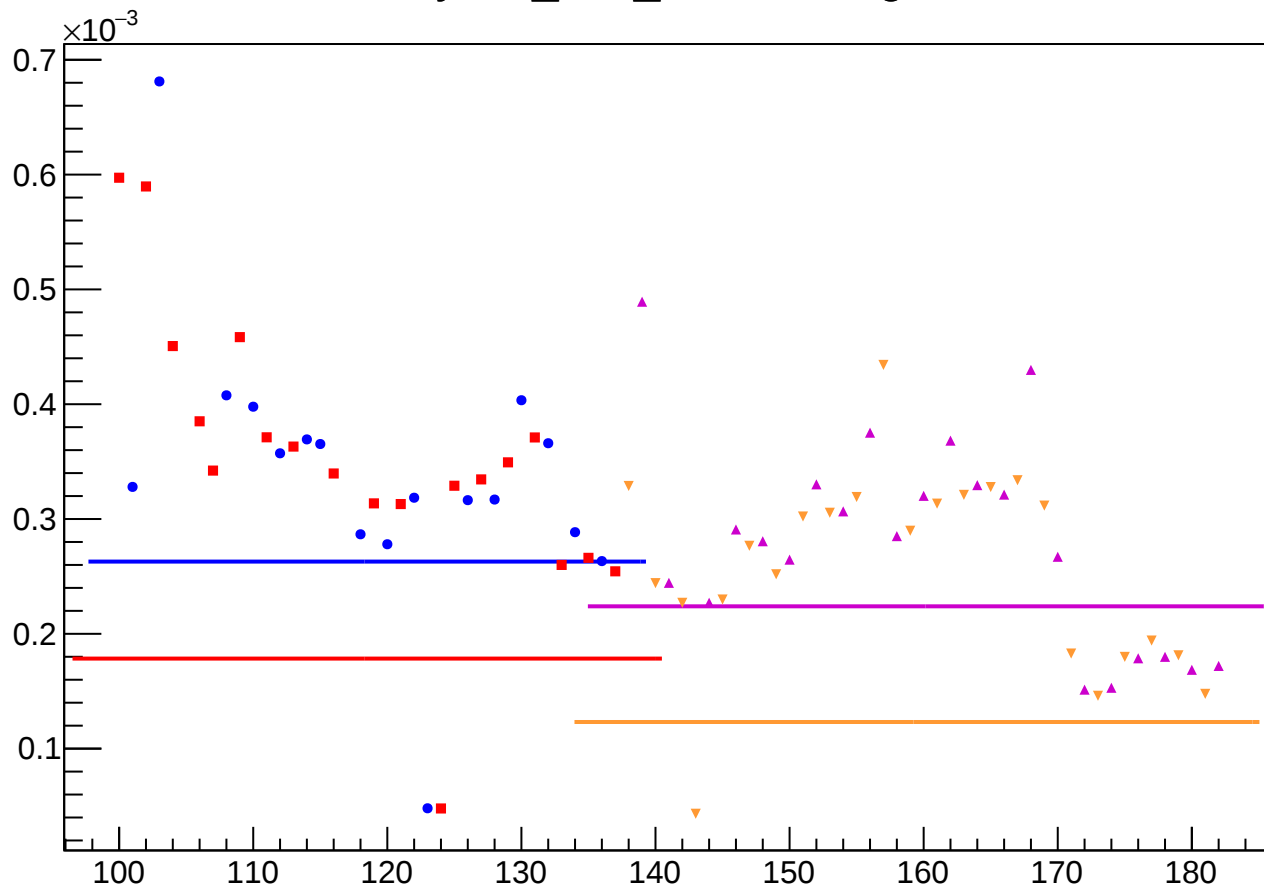
Left In: 0.020+/-0.000 χ^2/NDF : 4447016753.6/21

+ sign 0.014+/-0.000 χ^2/NDF : 80305741708.3/39

All: 0.016+/-0.000 χ^2/NDF : 134669631783.9

- sign 0.020+/-0.000 χ^2/NDF : 44205760274.5/40

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2393587.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :12626273.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 5332040.2/18

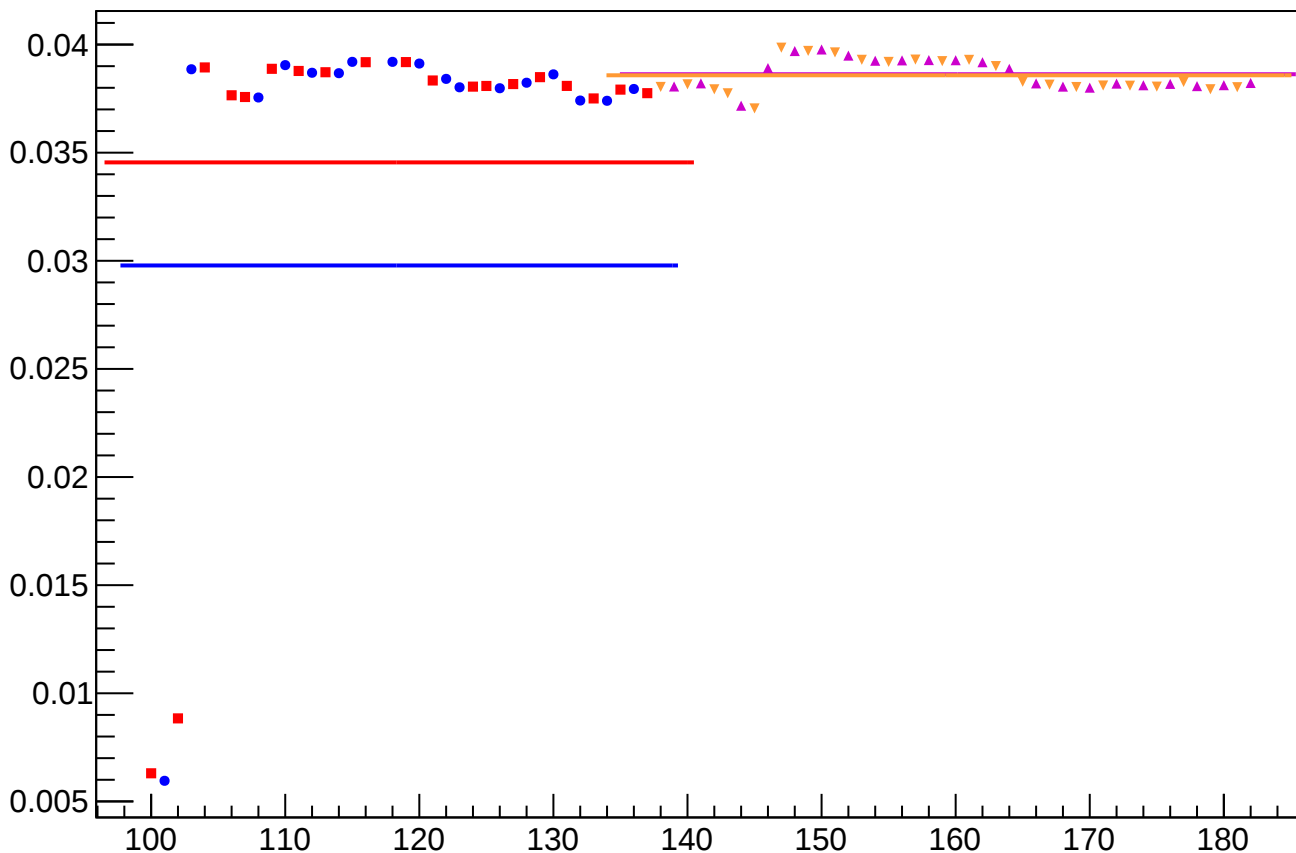
Left In: 0.000+/-0.000 χ^2/NDF :3236661.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 17501718.9/39

All: 0.000+/-0.000 χ^2/NDF : 29154020.1/80

- sign 0.000+/-0.000 χ^2/NDF : 8912159.7/40

yield_atr1_mean vs Slug



Right In: 0.030 $\pm$ 0.000 χ^2 /NDF: 96939094269.8/16

Left Out: 0.039 $\pm$ 0.000 χ^2 /NDF: 531475110.7/22

Right Out: 0.035 $\pm$ 0.000 χ^2 /NDF: 43542773475.9/18

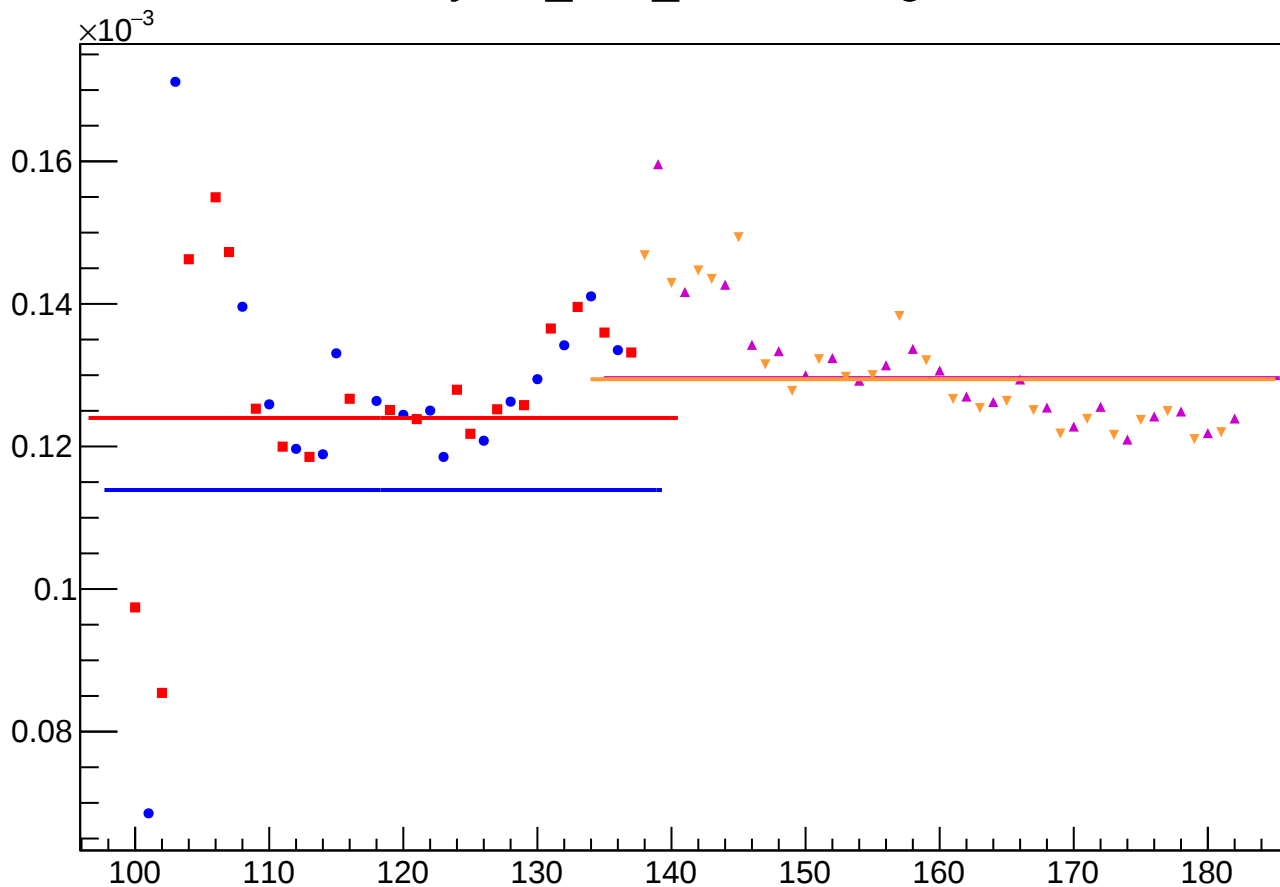
Left In: 0.039 $\pm$ 0.000 χ^2 /NDF: 462066867.7/21

+ sign 0.036 $\pm$ 0.000 χ^2 /NDF: 122378747878.4/39

All: 0.037 $\pm$ 0.000 χ^2 /NDF: 173279497665.3

- sign 0.037 $\pm$ 0.000 χ^2 /NDF: 49013639001.2/40

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 792994.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :127826.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 245068.5/18

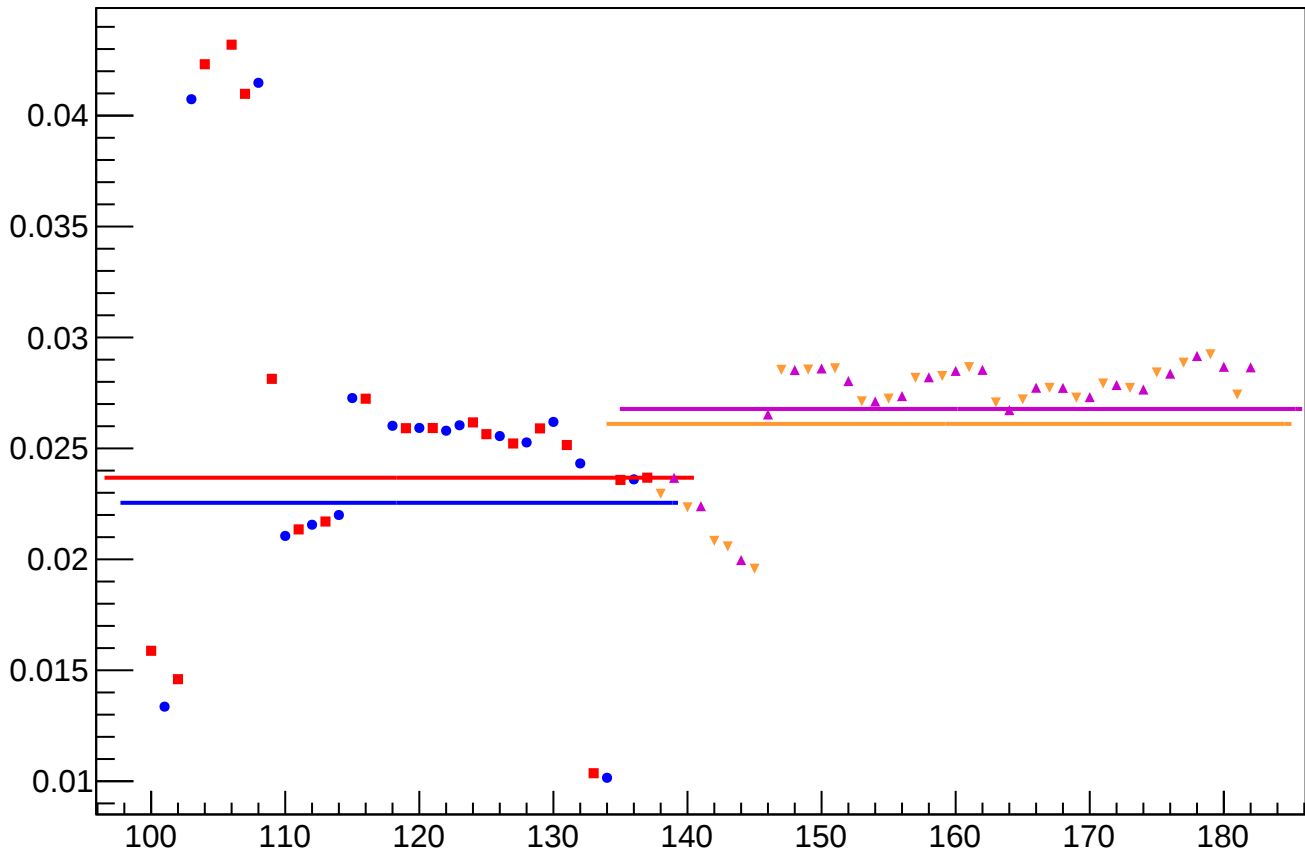
Left In: 0.000+/-0.000 χ^2/NDF :114350.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 1076409.7/39

All: 0.000+/-0.000 χ^2/NDF : 1471514.5/80

- sign 0.000+/-0.000 χ^2/NDF : 378238.4/40

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4235847516.4/16

Left Out: 0.026+/-0.000 χ^2/NDF :1932707438.6/22

Right Out: 0.024+/-0.000 χ^2/NDF : 5643986297.3/18

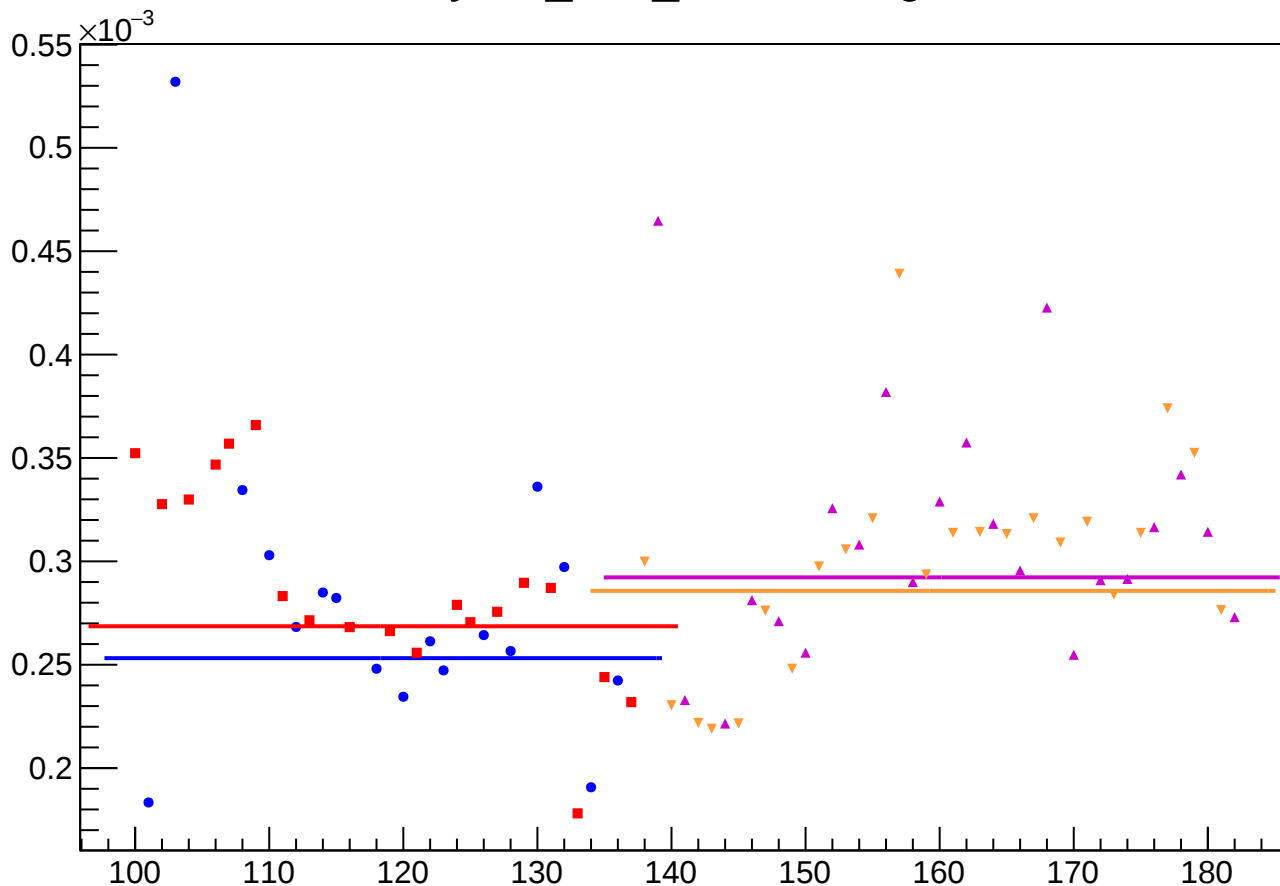
Left In: 0.027+/-0.000 χ^2/NDF :1325340907.2/21

+ sign 0.025+/-0.000 χ^2/NDF : 6939577003.7/39

All: 0.025+/-0.000 χ^2/NDF : 14559610334.1/8

- sign 0.026+/-0.000 χ^2/NDF : 7525578322.1/40

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 626352.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 784788.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 428150.4/18

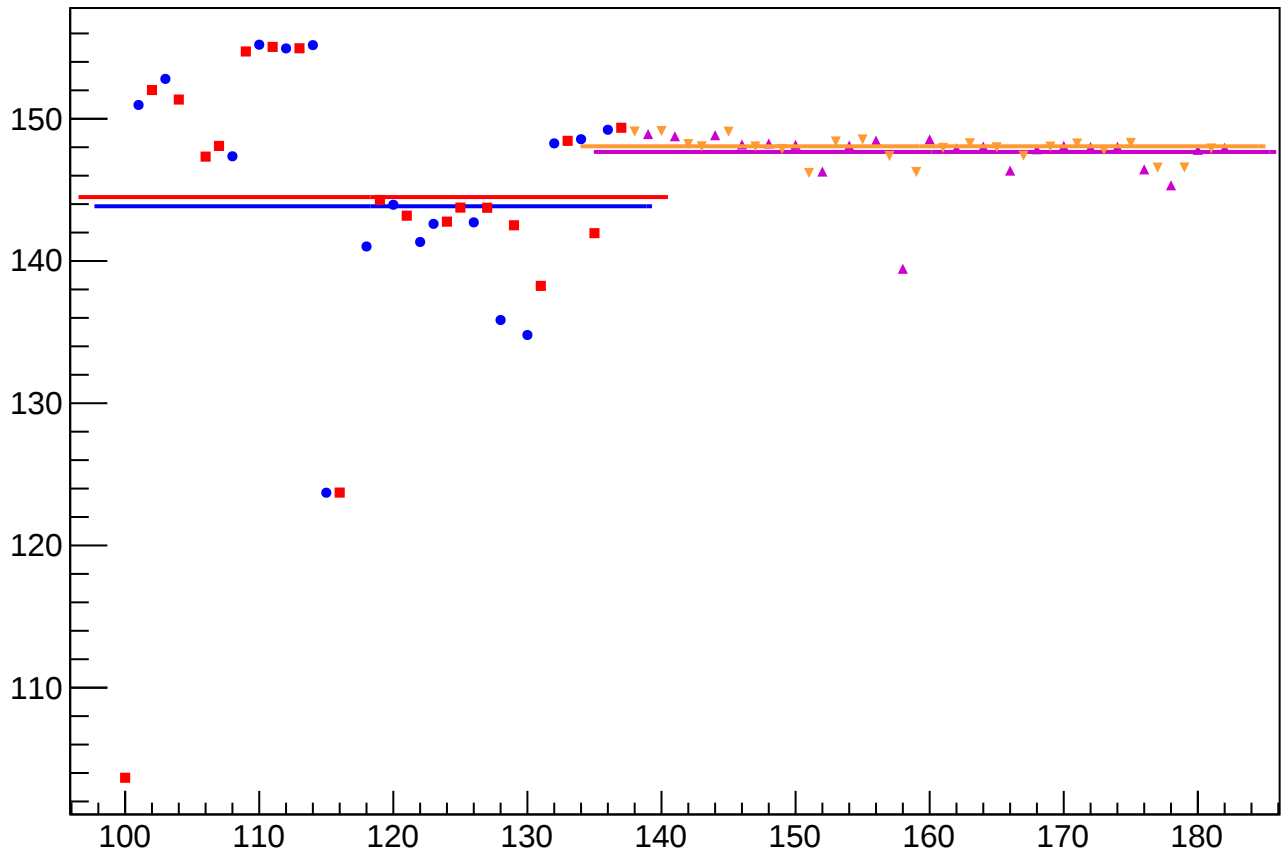
Left In: 0.000+/-0.000 χ^2/NDF : 898595.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 1540248.8/39

All: 0.000+/-0.000 χ^2/NDF : 2956274.1/80

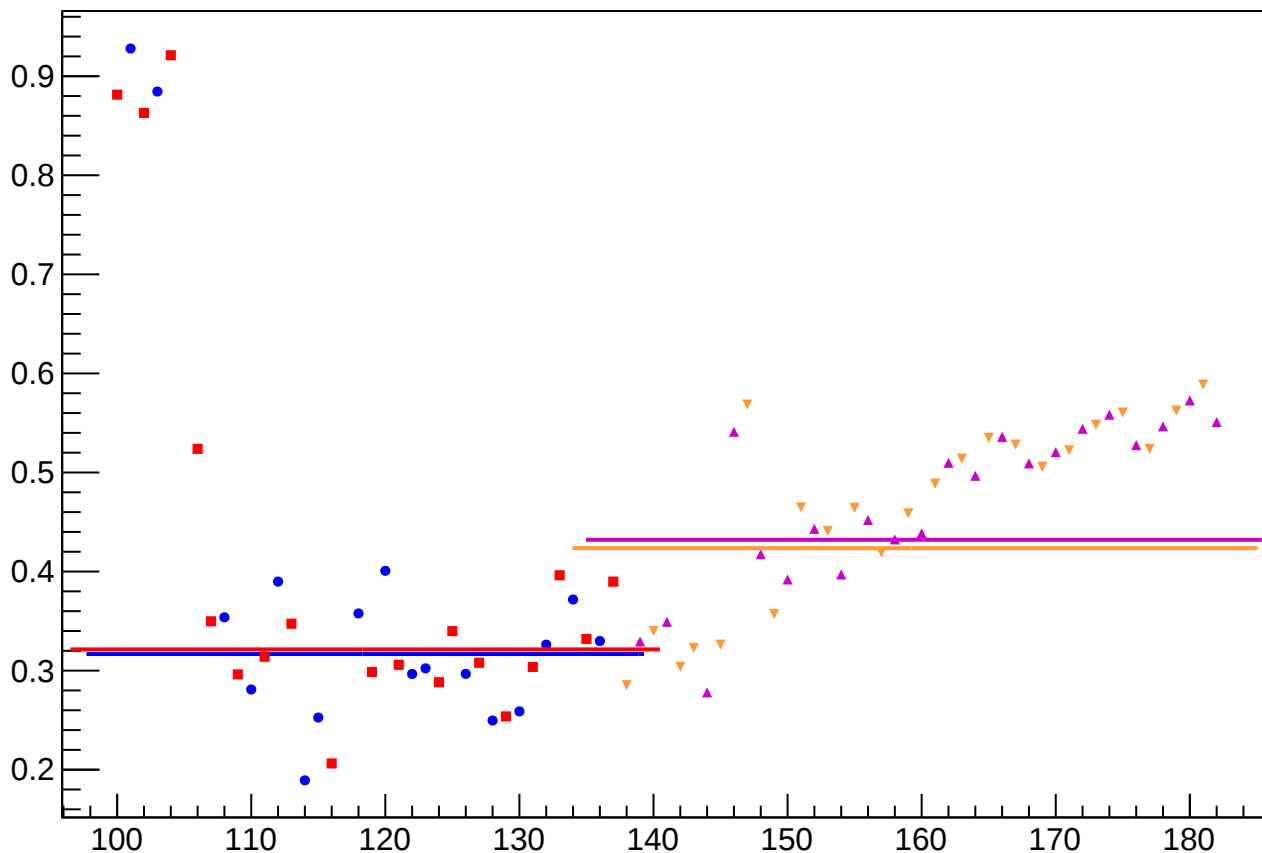
- sign 0.000+/-0.000 χ^2/NDF : 1391503.1/40

yield_bcm_an_ds_mean vs Slug



Right In: 143.849 $\pm$ 0.000	χ^2 /NDF: 3450807407.9/16	+ sign 146.458 $\pm$ 0.000	χ^2 /NDF: 4123214296.9/39
Left Out: 148.066 $\pm$ 0.000	χ^2 /NDF: 65512638.6/22	All: 146.433 $\pm$ 0.000	χ^2 /NDF: 8994630152.4
Right Out: 144.495 $\pm$ 0.000	χ^2 /NDF: 4183399255.1/18	- sign 146.407 $\pm$ 0.000	χ^2 /NDF: 4871229477.7/40
Left In: 147.667 $\pm$ 0.000	χ^2 /NDF: 345128189.5/21		

yield_bcm_an_ds_rms vs Slug



Right In: 0.317 ± 0.000 χ^2/NDF : 1260273.9/16

Left Out: 0.424 ± 0.000 χ^2/NDF : 1725369.4/22

Right Out: 0.321 ± 0.000 χ^2/NDF : 1216529.2/18

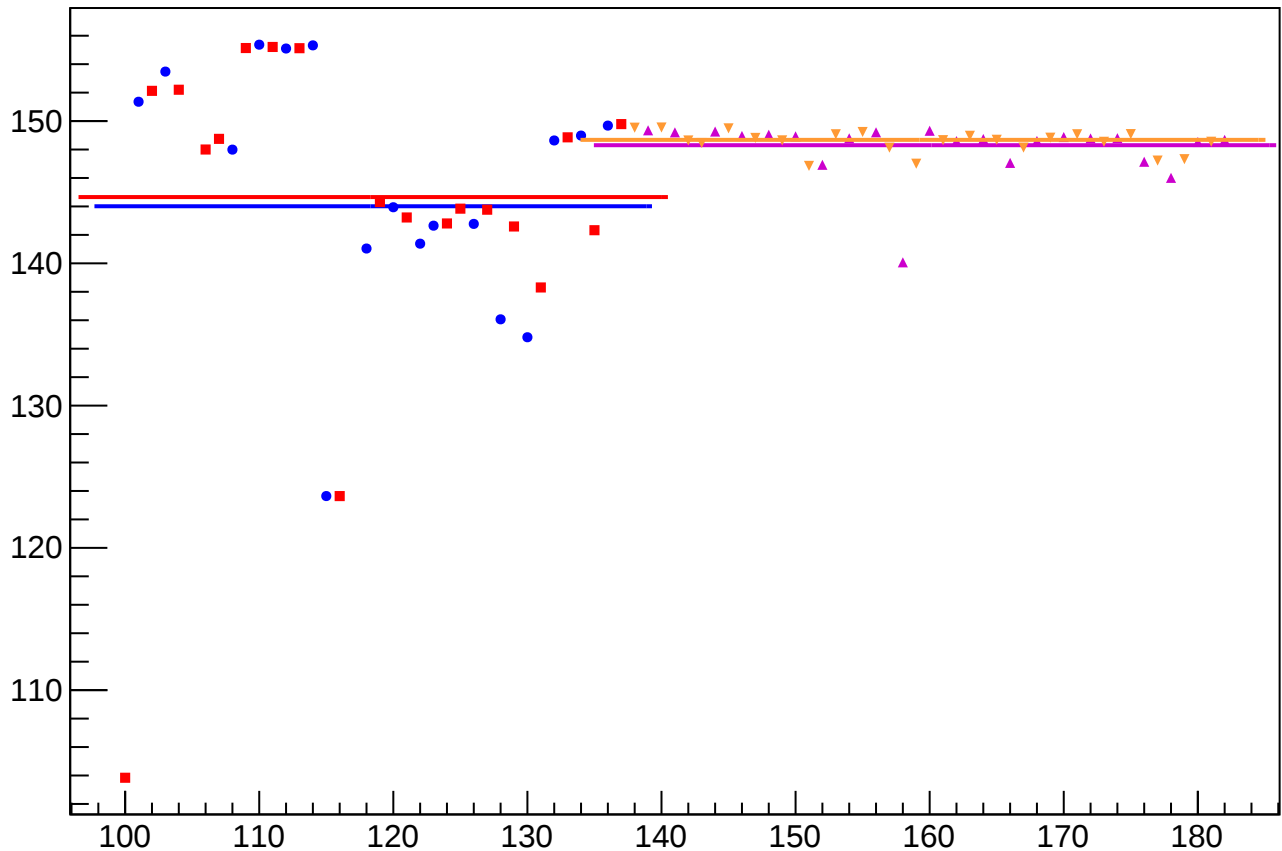
Left In: 0.432 ± 0.000 χ^2/NDF : 1445703.7/21

+ sign 0.383 ± 0.000 χ^2/NDF : 3765167.2/39

All: 0.385 ± 0.000 χ^2/NDF : 7265057.6/80

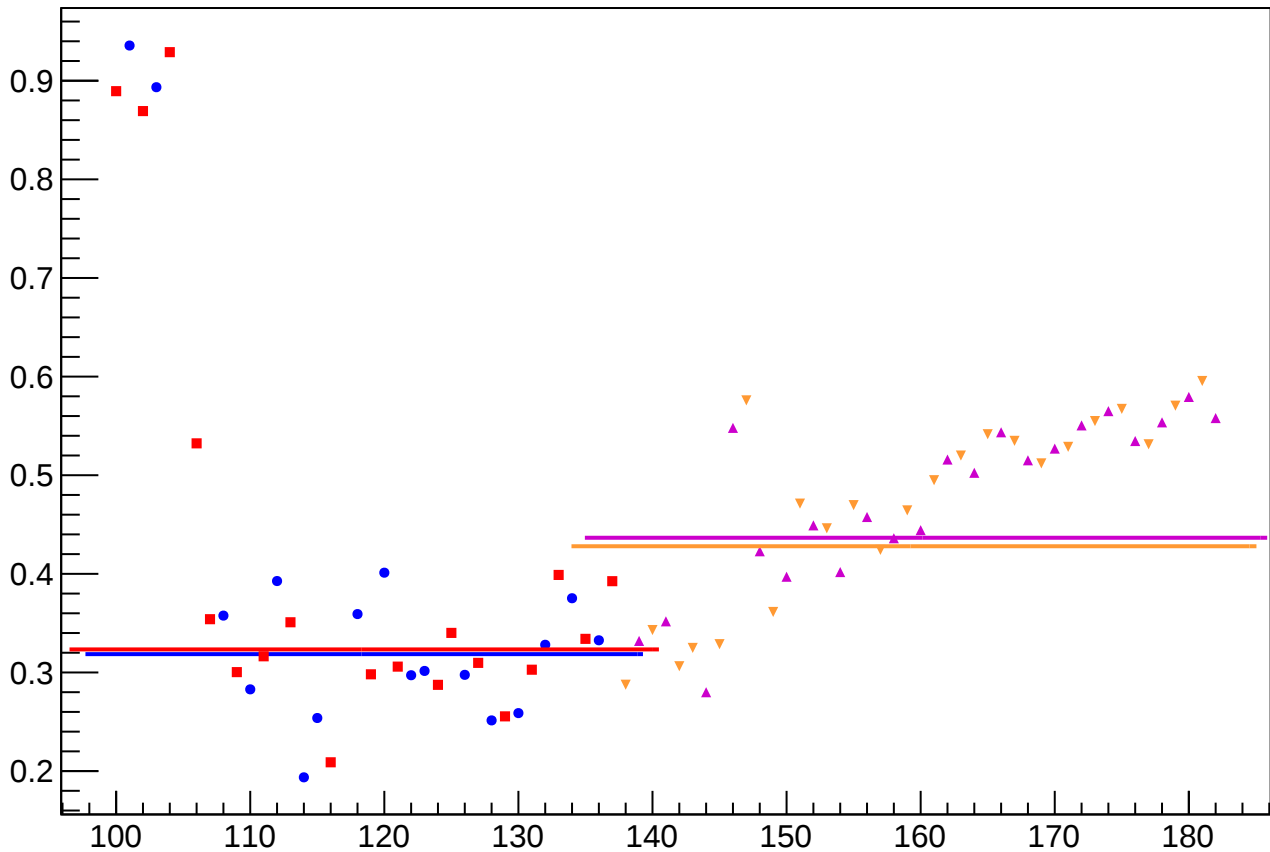
- sign 0.388 ± 0.000 χ^2/NDF : 3495947.6/40

yield_bcm_an_ds3_mean vs Slug



Right In: 144.013 $\pm$ 0.000	χ^2 /NDF: 3495287828.5/16	+ sign 146.889 $\pm$ 0.000	χ^2 /NDF: 4279782689.4/39
Left Out: 148.679 $\pm$ 0.000	χ^2 /NDF: 52446585.5/22	All: 146.868 $\pm$ 0.000	χ^2 /NDF: 9266671685.2
Right Out: 144.658 $\pm$ 0.000	χ^2 /NDF: 4207861518.0/18	- sign 146.847 $\pm$ 0.000	χ^2 /NDF: 4986766828.7/40
Left In: 148.304 $\pm$ 0.000	χ^2 /NDF: 333469062.6/21		

yield_bcm_an_ds3_rms vs Slug



Right In: 0.319 $\pm$ 0.000 χ^2 /NDF: 1262045.4/16

Left Out: 0.428 $\pm$ 0.000 χ^2 /NDF: 1755497.7/22

Right Out: 0.323 $\pm$ 0.000 χ^2 /NDF: 1218896.8/18

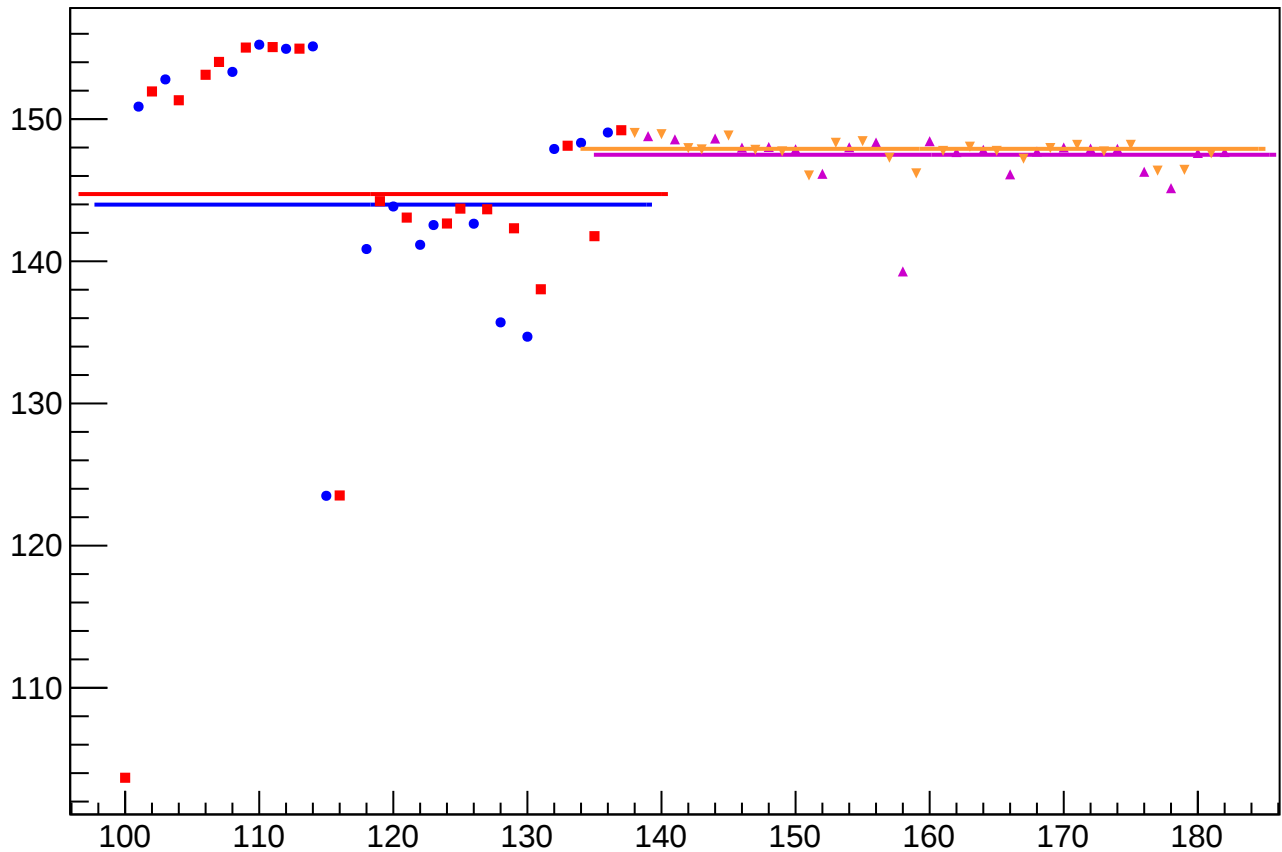
Left In: 0.437 $\pm$ 0.000 χ^2 /NDF: 1470851.6/21

+ sign 0.386 $\pm$ 0.000 χ^2 /NDF: 3821985.7/39

All: 0.389 $\pm$ 0.000 χ^2 /NDF: 7375117.8/80

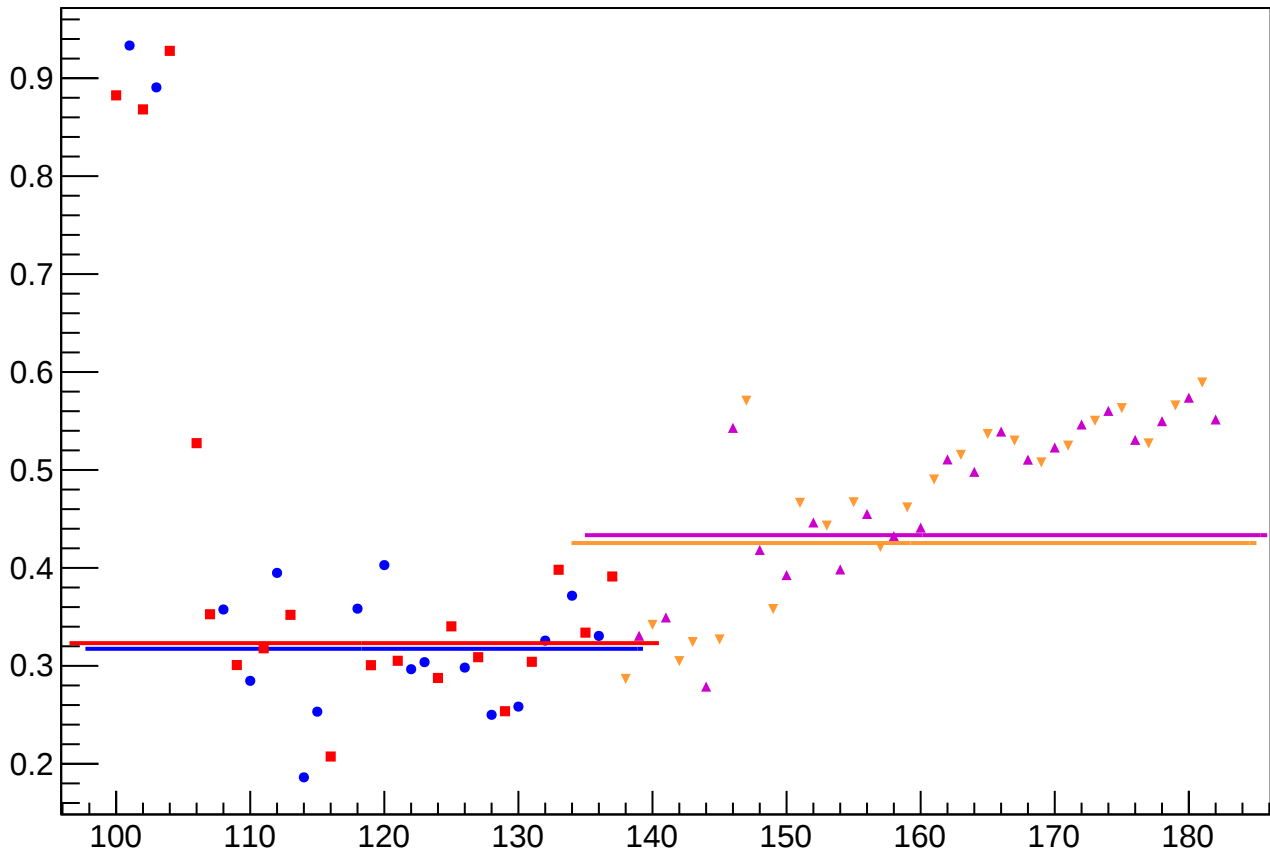
- sign 0.391 $\pm$ 0.000 χ^2 /NDF: 3549108.3/40

yield_bcm_an_us_mean vs Slug



Right In: 143.986+/-0.000	χ^2/NDF : 3664472942.4/16	+ sign 146.411+/-0.000	χ^2/NDF : 4250473636.8/39
Left Out: 147.909+/-0.000	χ^2/NDF : 64213858.4/22	All: 146.404+/-0.000	χ^2/NDF : 9325213135.8
Right Out: 144.728+/-0.000	χ^2/NDF : 4473024875.8/18	- sign 146.396+/-0.000	χ^2/NDF : 5074724886.2/40
Left In: 147.492+/-0.000	χ^2/NDF : 343950261.9/21		

yield_bcm_an_us_rms vs Slug



Right In: 0.317 $\pm$ 0.000 χ^2 /NDF: 1274892.4/16

Left Out: 0.425 $\pm$ 0.000 χ^2 /NDF:1726905.9/22

Right Out: 0.323 $\pm$ 0.000 χ^2 /NDF: 1221204.9/18

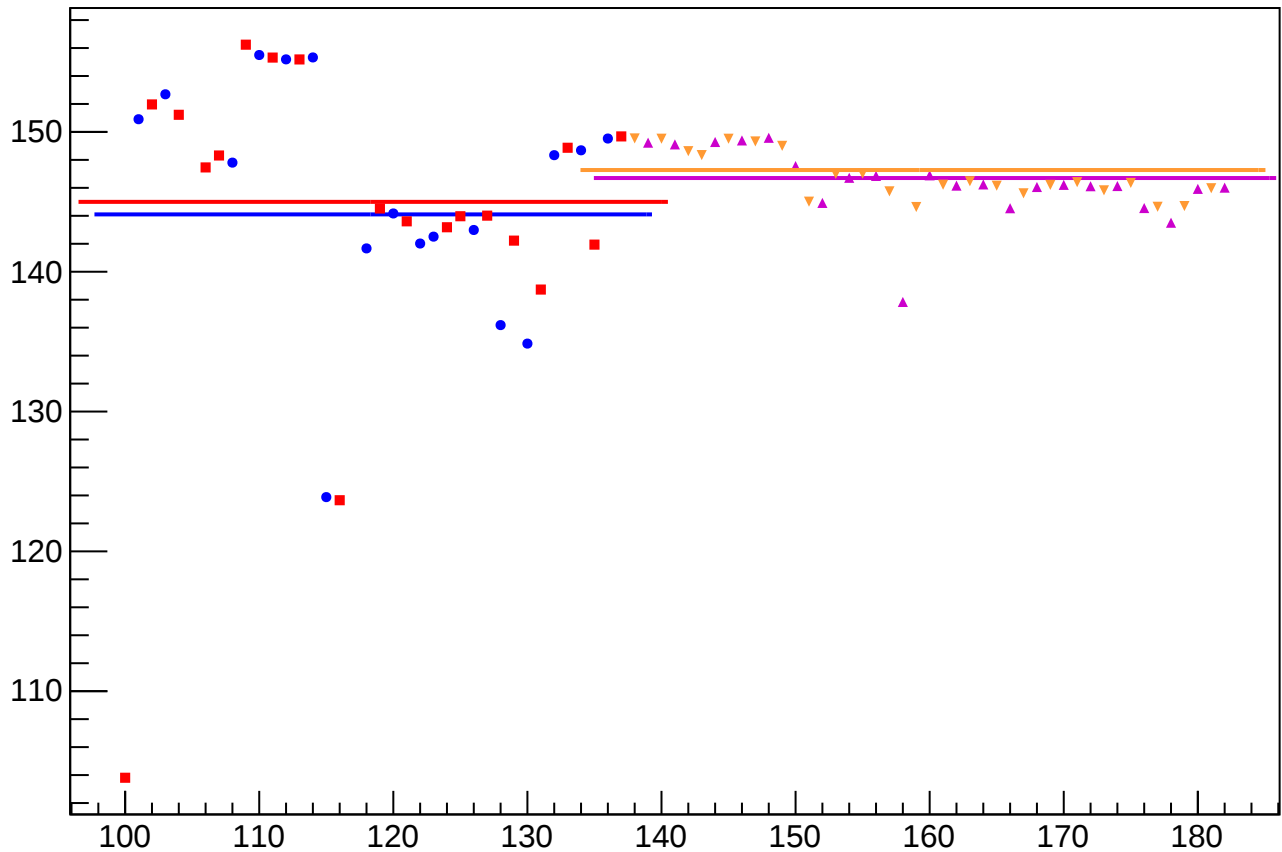
Left In: 0.433 $\pm$ 0.000 χ^2 /NDF:1452297.5/21

+ sign 0.384 $\pm$ 0.000 χ^2 /NDF: 3791860.0/39

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 7290168.7/80

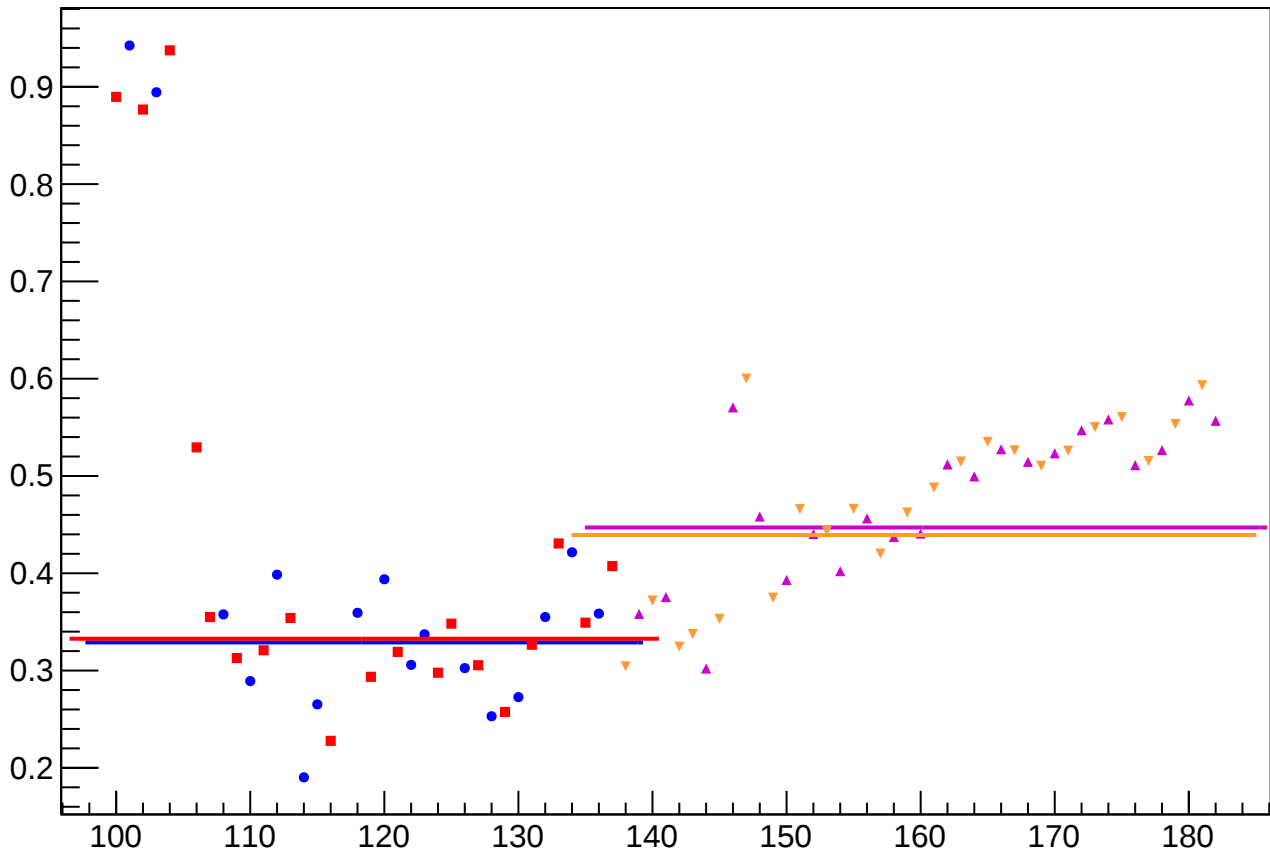
- sign 0.390 $\pm$ 0.000 χ^2 /NDF: 3493845.1/40

yield_bcm_dg_us_mean vs Slug



Right In: 144.101+/-0.000	χ^2/NDF : 3163250979.7/16	+ sign 146.077+/-0.000	χ^2/NDF : 3738369779.5/39
Left Out: 147.275+/-0.000	χ^2/NDF : 255896205.9/22	All: 146.053+/-0.000	χ^2/NDF : 8242052058.2
Right Out: 144.998+/-0.000	χ^2/NDF : 3853420991.4/18	- sign 146.030+/-0.000	χ^2/NDF : 4503536753.5/40
Left In: 146.702+/-0.000	χ^2/NDF : 557501329.0/21		

yield_bcm_dg_us_rms vs Slug



Right In: 0.329 ± 0.000 χ^2/NDF : 1259207.9/16

Left Out: 0.439 ± 0.000 χ^2/NDF : 1338998.2/22

Right Out: 0.333 ± 0.000 χ^2/NDF : 1181630.3/18

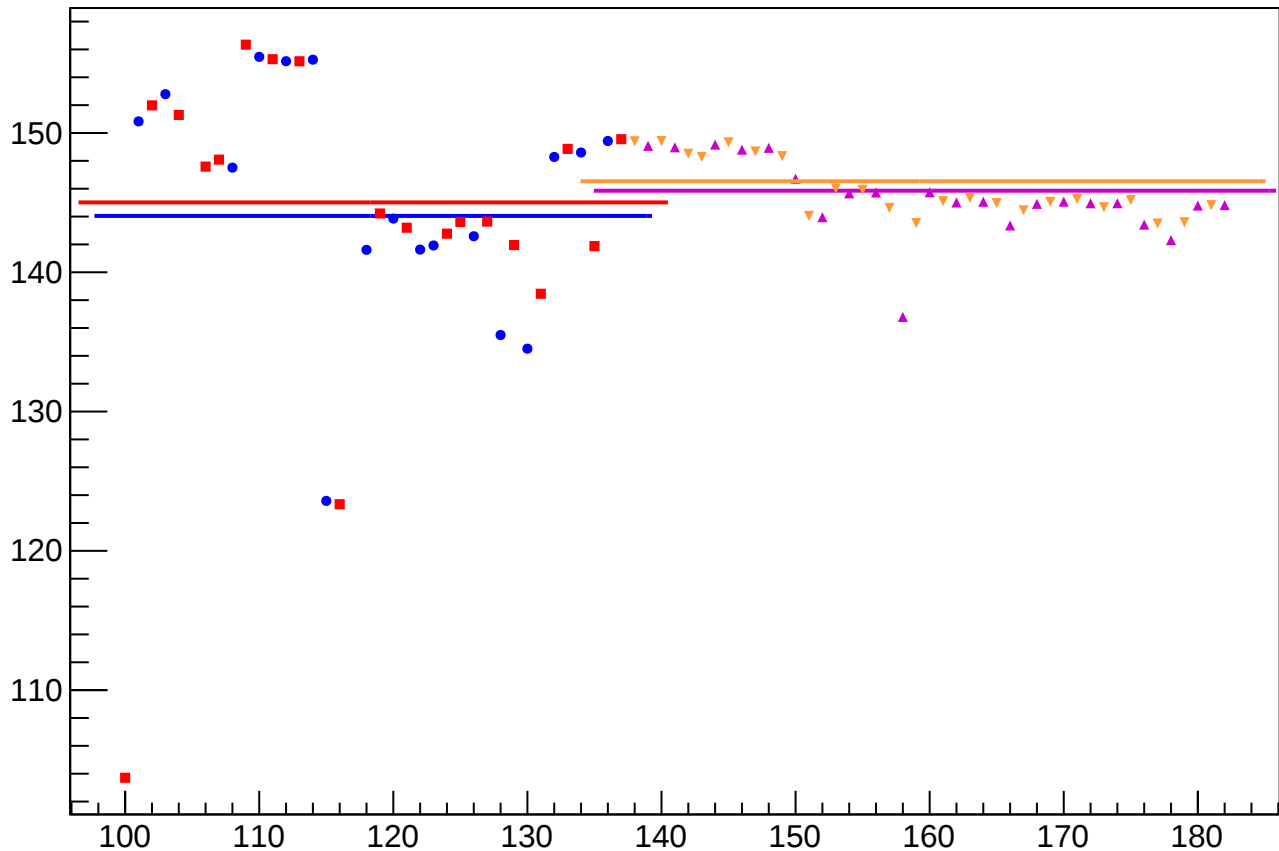
Left In: 0.447 ± 0.000 χ^2/NDF : 1087936.4/21

+ sign 0.398 ± 0.000 χ^2/NDF : 3371239.9/39

All: 0.400 ± 0.000 χ^2/NDF : 6477125.2/80

- sign 0.402 ± 0.000 χ^2/NDF : 3103386.8/40

yield_bcm_dg_ds_mean vs Slug



Right In: 144.046 $\pm$ 0.000 χ^2 /NDF: 3282867390.8/16

Left Out: 146.535 $\pm$ 0.000 χ^2 /NDF: 390057252.9/22

Right Out: 145.016 $\pm$ 0.000 χ^2 /NDF: 3929576449.5/18

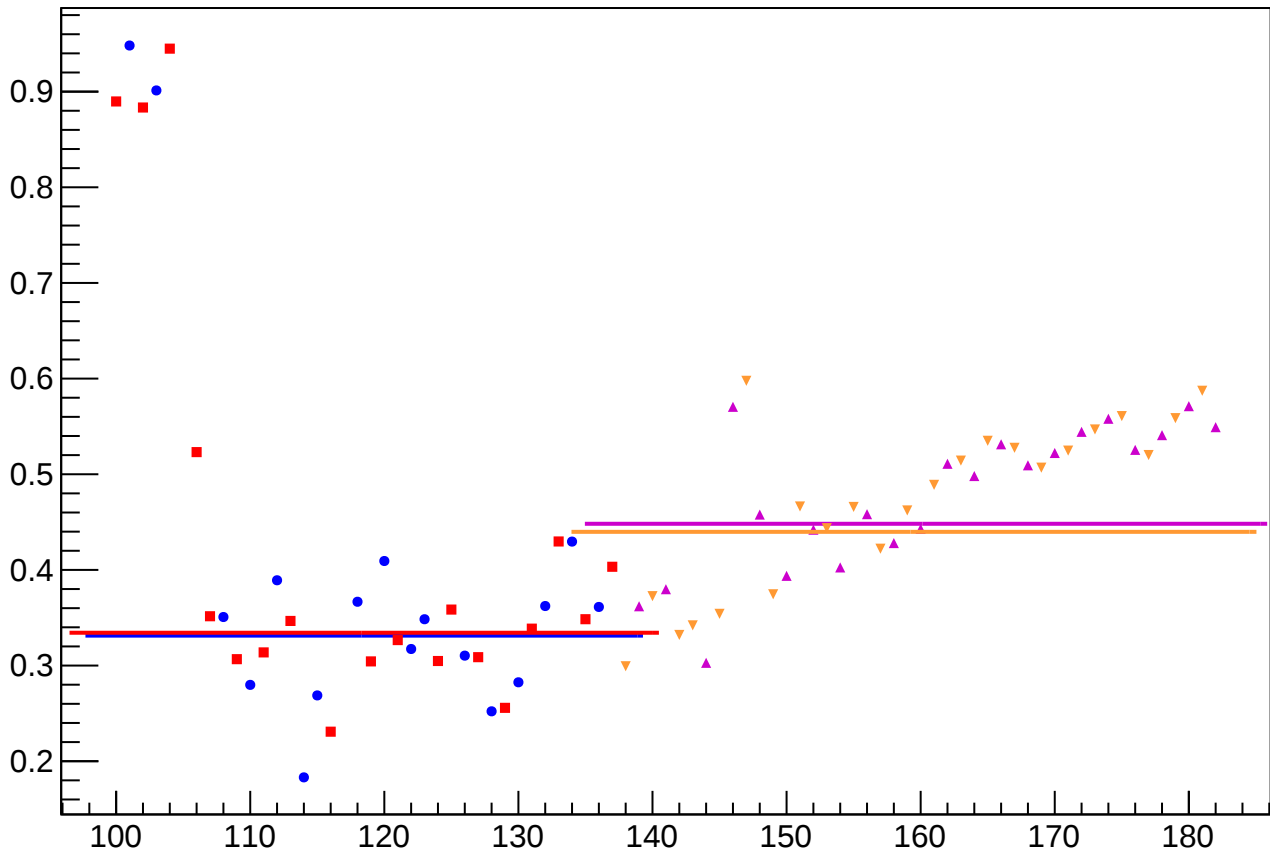
Left In: 145.857 $\pm$ 0.000 χ^2 /NDF: 693870650.5/21

+ sign 145.604 $\pm$ 0.000 χ^2 /NDF: 3866914409.9/39

All: 145.565 $\pm$ 0.000 χ^2 /NDF: 8513091090.5

- sign 145.527 $\pm$ 0.000 χ^2 /NDF: 4645777155.6/40

yield_bcm_dg_ds_rms vs Slug



Right In: 0.331 $\pm$ 0.000 χ^2/NDF : 1275232.9/16

Left Out: 0.440 $\pm$ 0.000 χ^2/NDF : 1328986.8/22

Right Out: 0.334 $\pm$ 0.000 χ^2/NDF : 1170223.7/18

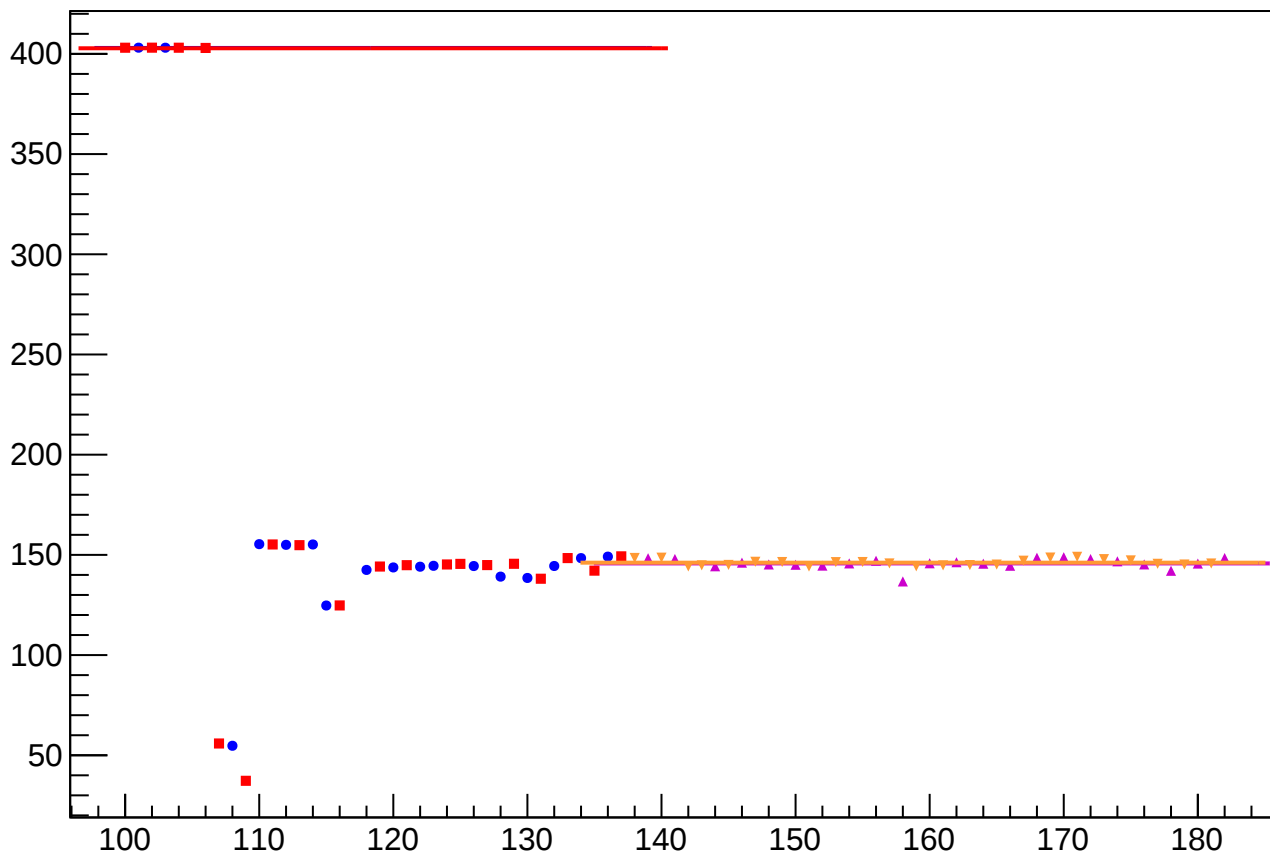
Left In: 0.448 $\pm$ 0.000 χ^2/NDF : 1063972.7/21

+ sign 0.399 $\pm$ 0.000 χ^2/NDF : 3341363.9/39

All: 0.401 $\pm$ 0.000 χ^2/NDF : 6398184.9/80

- sign 0.403 $\pm$ 0.000 χ^2/NDF : 3054446.5/40

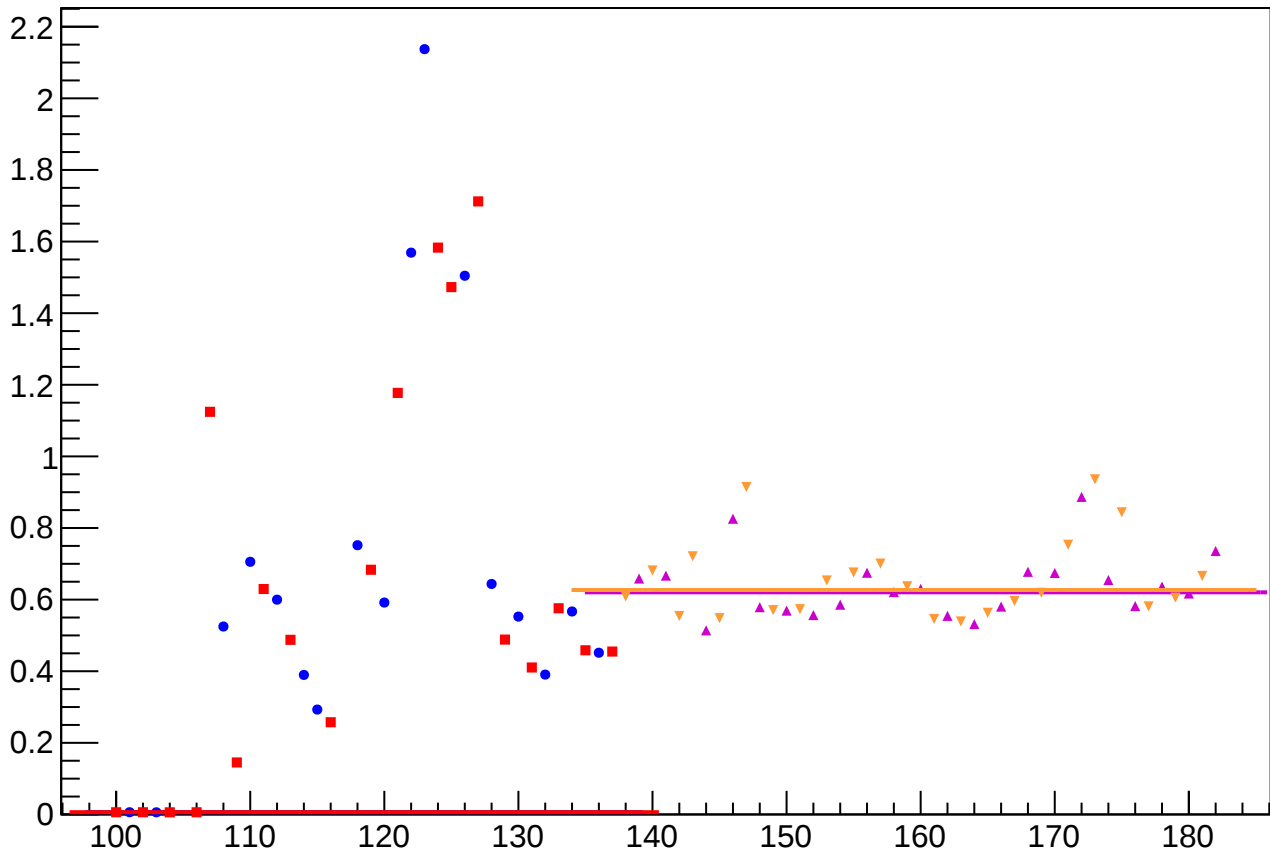
yield_cav4bQ_mean vs Slug



Right In: 402.957 $\pm$ 0.000 χ^2 /NDF: 1095567172365.3/16
 Left Out: 146.113 $\pm$ 0.000 χ^2 /NDF: 77632227.9/22
 Right Out: 402.799 $\pm$ 0.000 χ^2 /NDF: 3104385504690.3/18
 Left In: 145.730 $\pm$ 0.000 χ^2 /NDF: 203115780.8/21

+ sign 402.674 $\pm$ 0.000 χ^2 /NDF: 3359308899036.2
 All: 402.605 $\pm$ 0.000 χ^2 /NDF: 877744107094
 - sign 402.543 $\pm$ 0.000 χ^2 /NDF: 5417847407540.9

yield_cav4bQ_rms vs Slug



Right In: 0.006 ± 0.000 χ^2/NDF : 9047828.5/16

Left Out: 0.627 ± 0.000 χ^2/NDF : 565444.3/22

Right Out: 0.006 ± 0.000 χ^2/NDF : 9152692.1/18

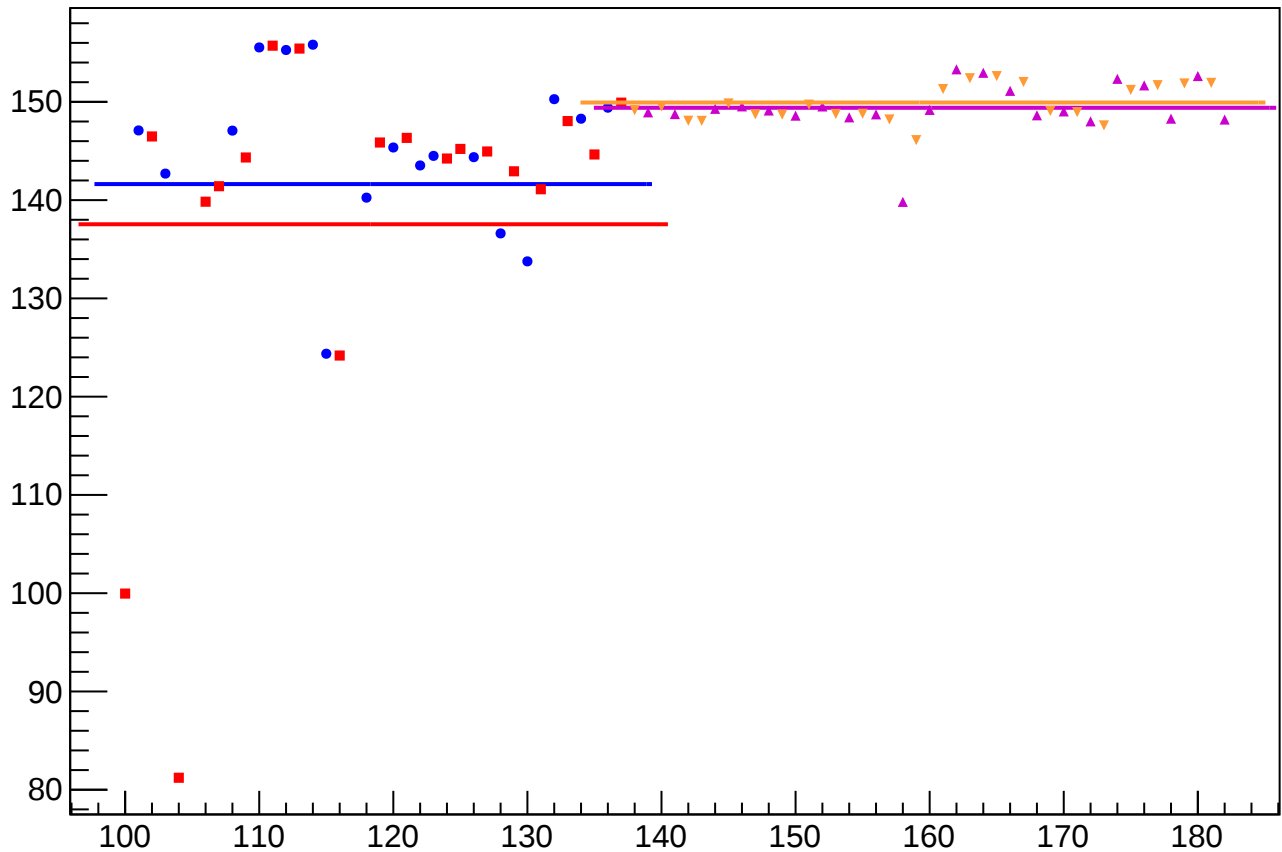
Left In: 0.620 ± 0.000 χ^2/NDF : 392842.7/21

+ sign 0.007 ± 0.000 χ^2/NDF : 36038266.9/39

All: 0.007 ± 0.000 χ^2/NDF : 71981154.3/80

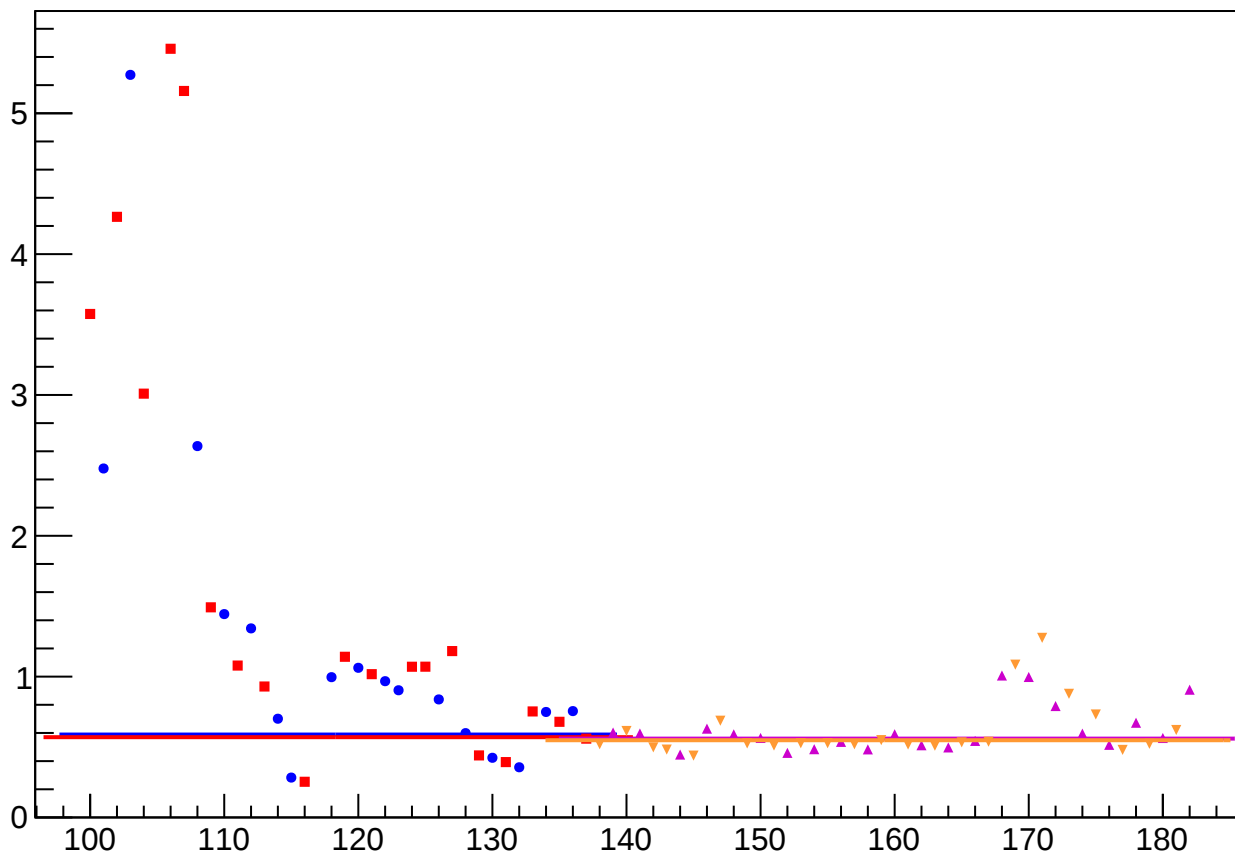
- sign 0.007 ± 0.000 χ^2/NDF : 35942652.9/40

yield_cav4cQ_mean vs Slug



Right In: 141.632 $\pm$ 0.000	χ^2 /NDF: 977430315.6/16	+ sign 148.536 $\pm$ 0.000	χ^2 /NDF: 1718366018.2/39
Left Out: 149.932 $\pm$ 0.000	χ^2 /NDF: 161475077.1/22	All: 147.903 $\pm$ 0.000	χ^2 /NDF: 4732140010.7
Right Out: 137.543 $\pm$ 0.000	χ^2 /NDF: 1320254355.4/18	- sign 147.246 $\pm$ 0.000	χ^2 /NDF: 2964733755.0/40
Left In: 149.397 $\pm$ 0.000	χ^2 /NDF: 436727140.2/21		

yield_cav4cQ_rms vs Slug



Right In: 0.589 ± 0.000 χ^2/NDF : 3472432.4/16

Left Out: 0.548 ± 0.000 χ^2/NDF : 1367261.3/22

Right Out: 0.570 ± 0.000 χ^2/NDF : 4646586.2/18

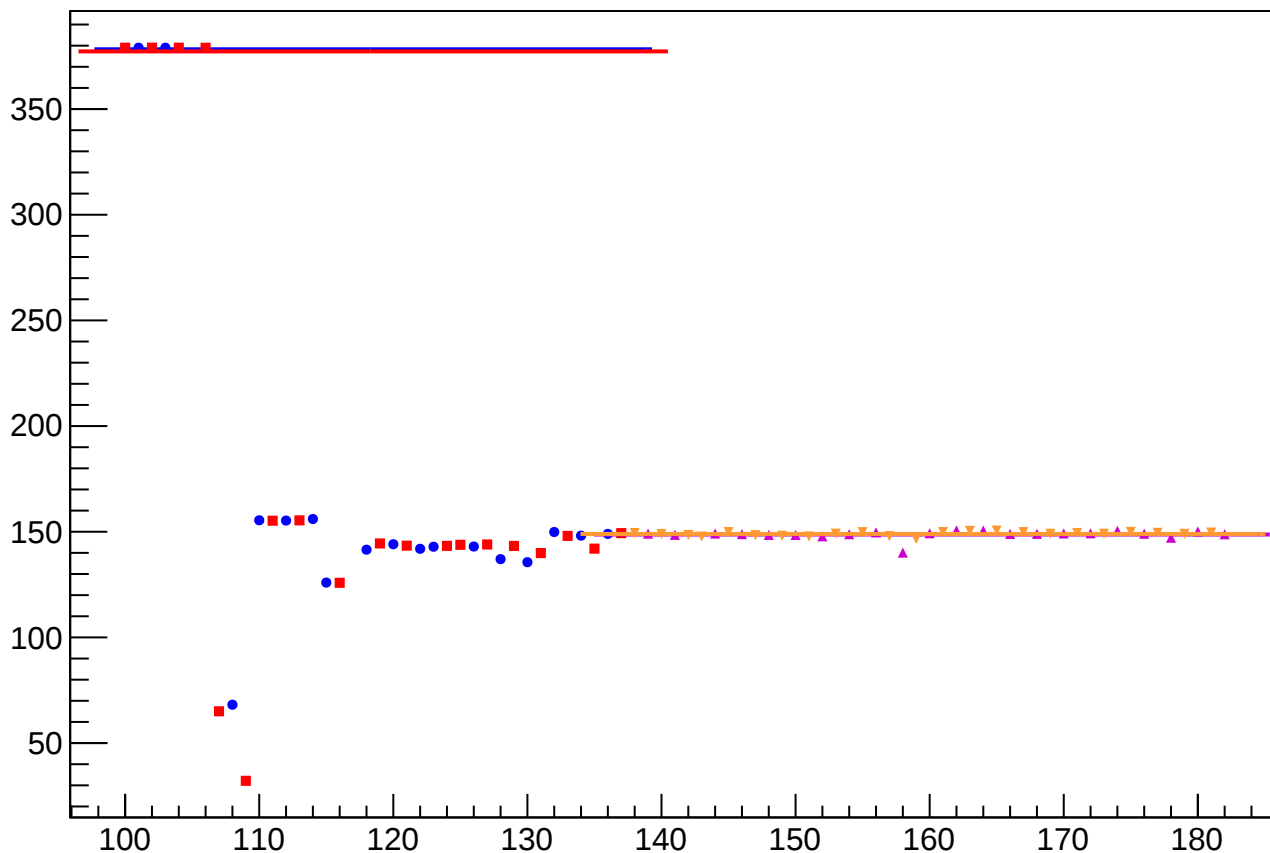
Left In: 0.560 ± 0.000 χ^2/NDF : 1211771.2/21

+ sign 0.555 ± 0.000 χ^2/NDF : 4867051.3/39

All: 0.558 ± 0.000 χ^2/NDF : 10729700.2/80

- sign 0.562 ± 0.000 χ^2/NDF : 5860114.1/40

yield_cav4dQ_mean vs Slug



Right In: 378.290+/-0.000 χ^2/NDF : 2485728057854.8/16

Left Out: 148.946+/-0.000 χ^2/NDF : 64694001.8/22

Right Out: 377.288+/-0.000 χ^2/NDF : 8283929719012.3/18

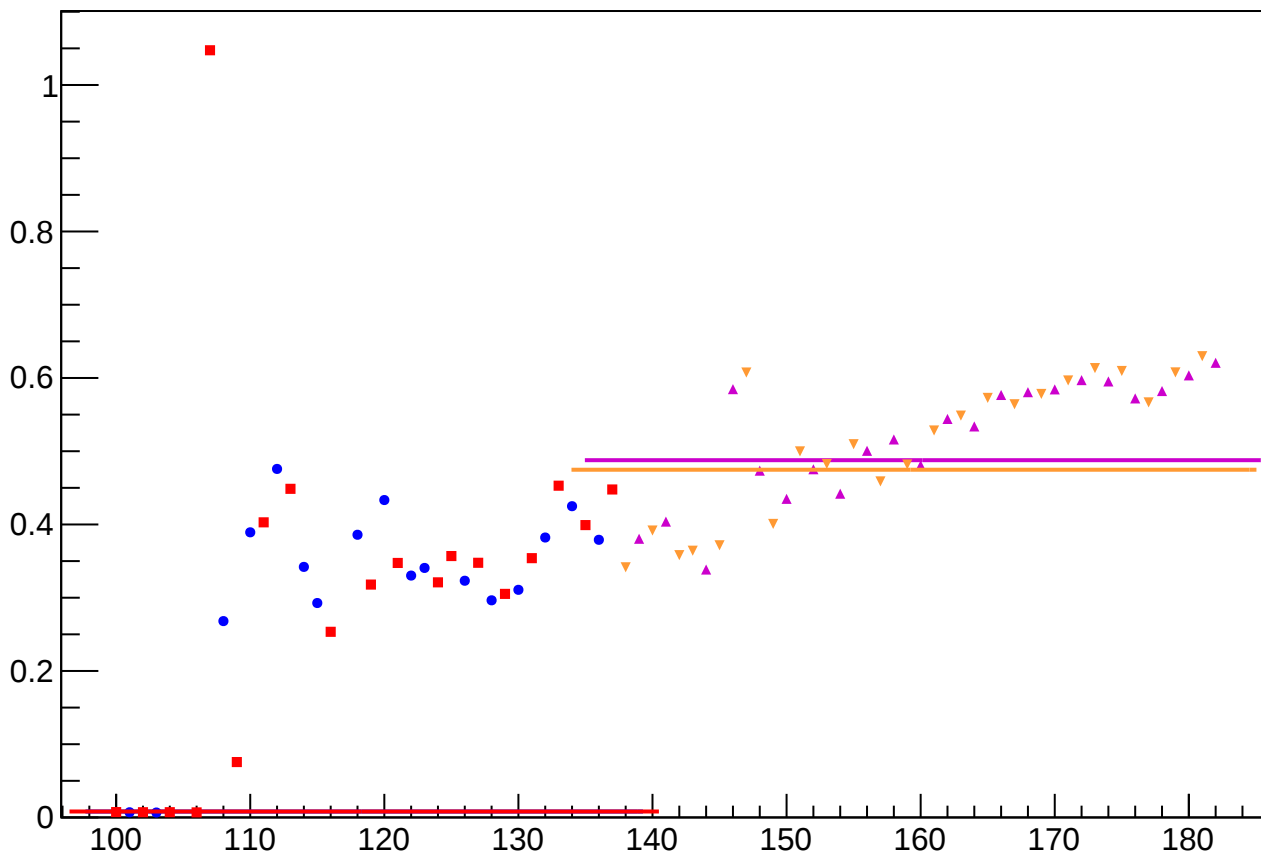
Left In: 148.680+/-0.000 χ^2/NDF : 253799539.0/21

+ sign 377.051+/-0.000 χ^2/NDF : 6269277588317.7

All: 376.632+/-0.000 χ^2/NDF : 181121585649

- sign 376.264+/-0.000 χ^2/NDF : 11838467128677.3

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9762871.0/16

Left Out: 0.475+/-0.000 χ^2/NDF :1341219.9/22

Right Out: 0.008+/-0.000 χ^2/NDF : 9478867.5/18

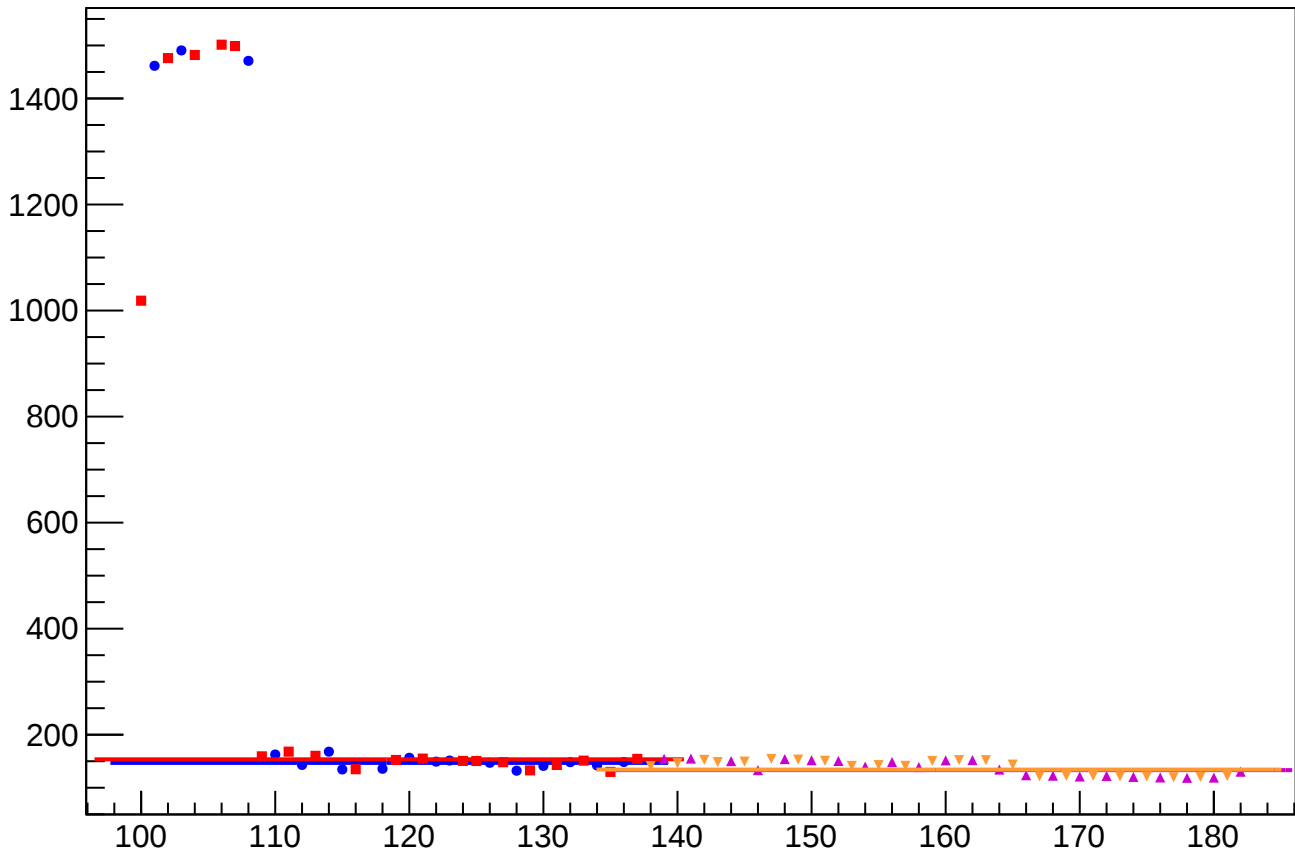
Left In: 0.488+/-0.000 χ^2/NDF :1041794.6/21

+ sign 0.011+/-0.000 χ^2/NDF : 42427687.4/39

All: 0.010+/-0.000 χ^2/NDF : 84239539.4/80

- sign 0.010+/-0.000 χ^2/NDF : 41810173.9/40

yield_bcm0l02_mean vs Slug



Right In: 146.867 $\pm$ 0.000 χ^2 /NDF: 24355015272.8/16

Left Out: 134.228 $\pm$ 0.000 χ^2 /NDF: 4239165725.9/22

Right Out: 153.610 $\pm$ 0.000 χ^2 /NDF: 33790758108.7/18

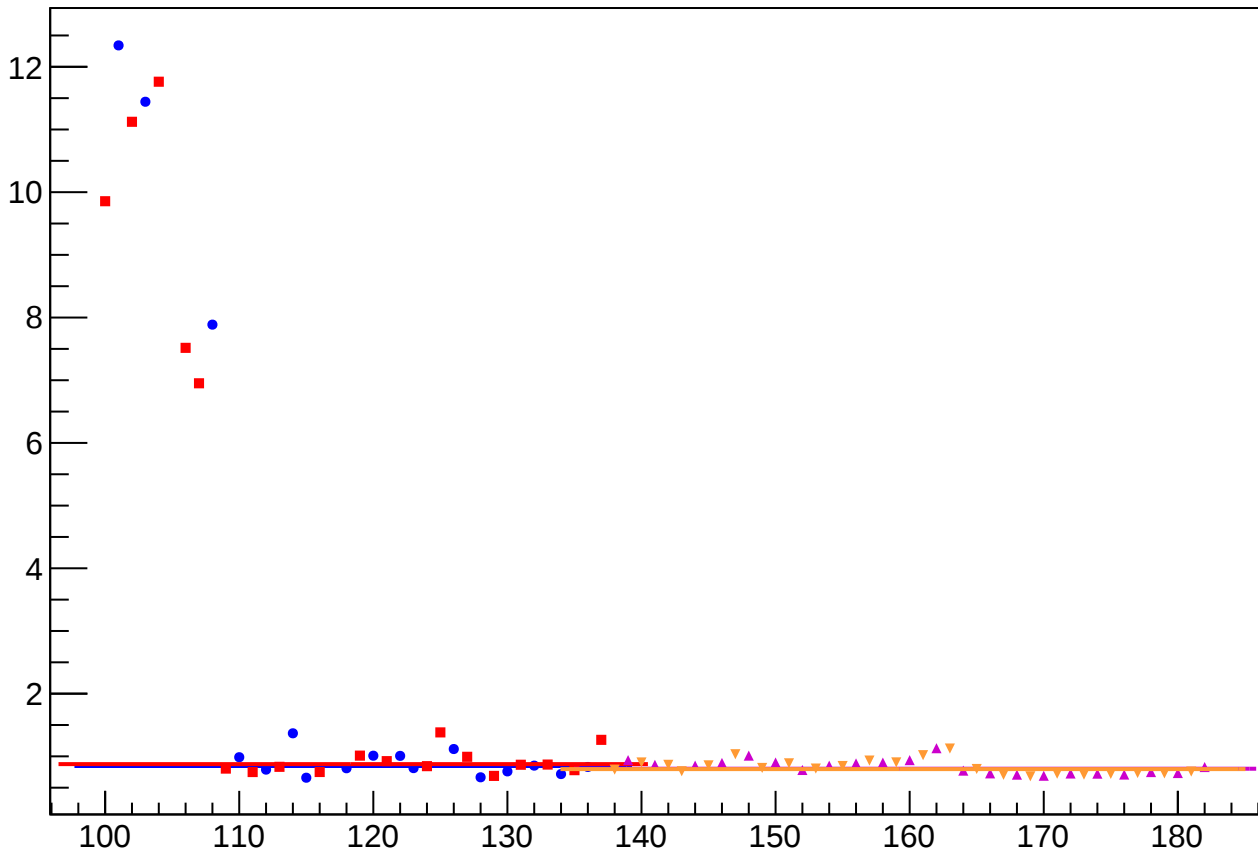
Left In: 133.235 $\pm$ 0.000 χ^2 /NDF: 4339671052.4/21

+ sign 136.558 $\pm$ 0.000 χ^2 /NDF: 29279584984.6/39

All: 136.821 $\pm$ 0.000 χ^2 /NDF: 69198730591.1

- sign 137.088 $\pm$ 0.000 χ^2 /NDF: 39915173232.2/40

yield_bcm0l02_rms vs Slug



Right In: 0.846+/-0.000 χ^2/NDF : 2668298.4/16

Left Out: 0.796+/-0.000 χ^2/NDF : 496634.1/22

Right Out: 0.876+/-0.000 χ^2/NDF : 2828930.0/18

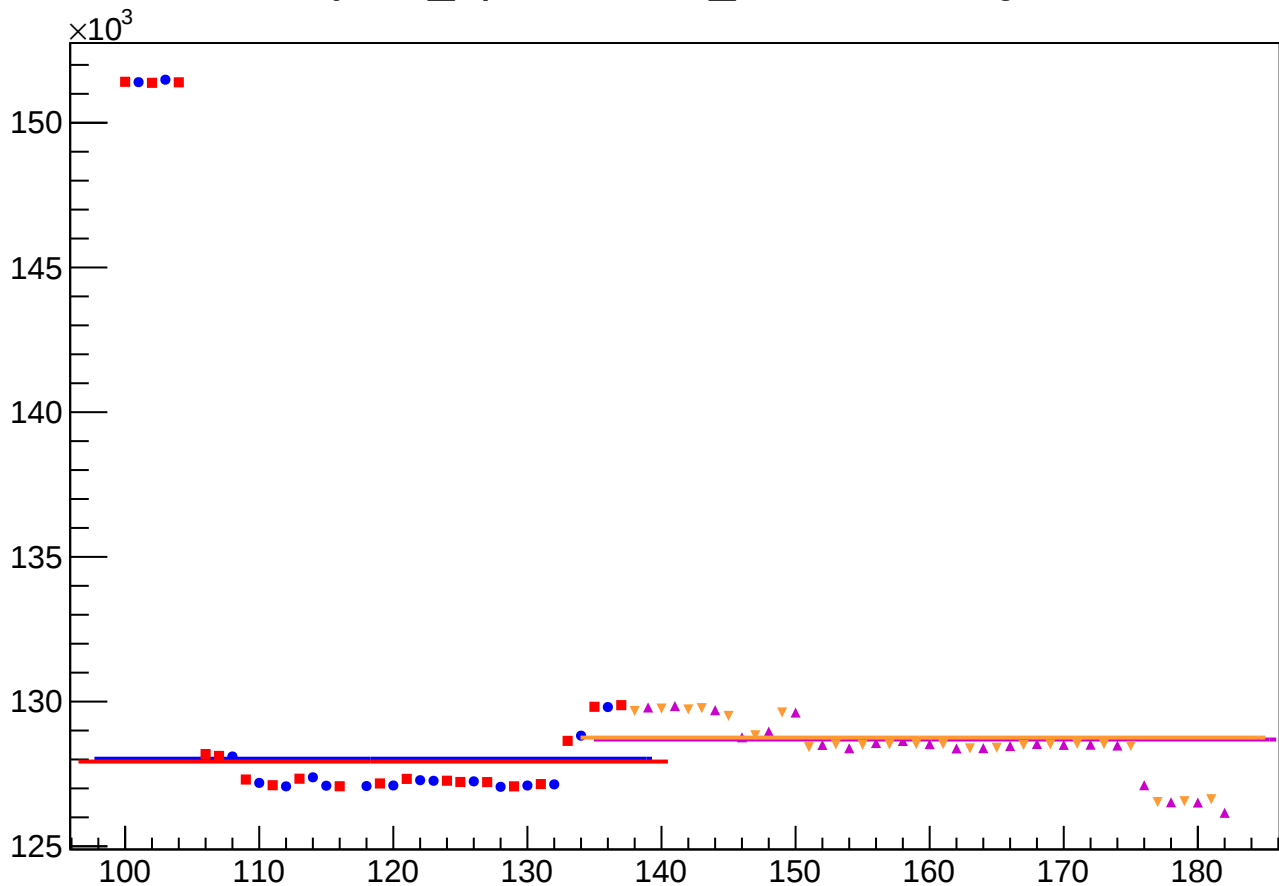
Left In: 0.803+/-0.000 χ^2/NDF : 459987.2/21

+ sign 0.806+/-0.000 χ^2/NDF : 3186155.4/39

All: 0.811+/-0.000 χ^2/NDF : 6524807.3/80

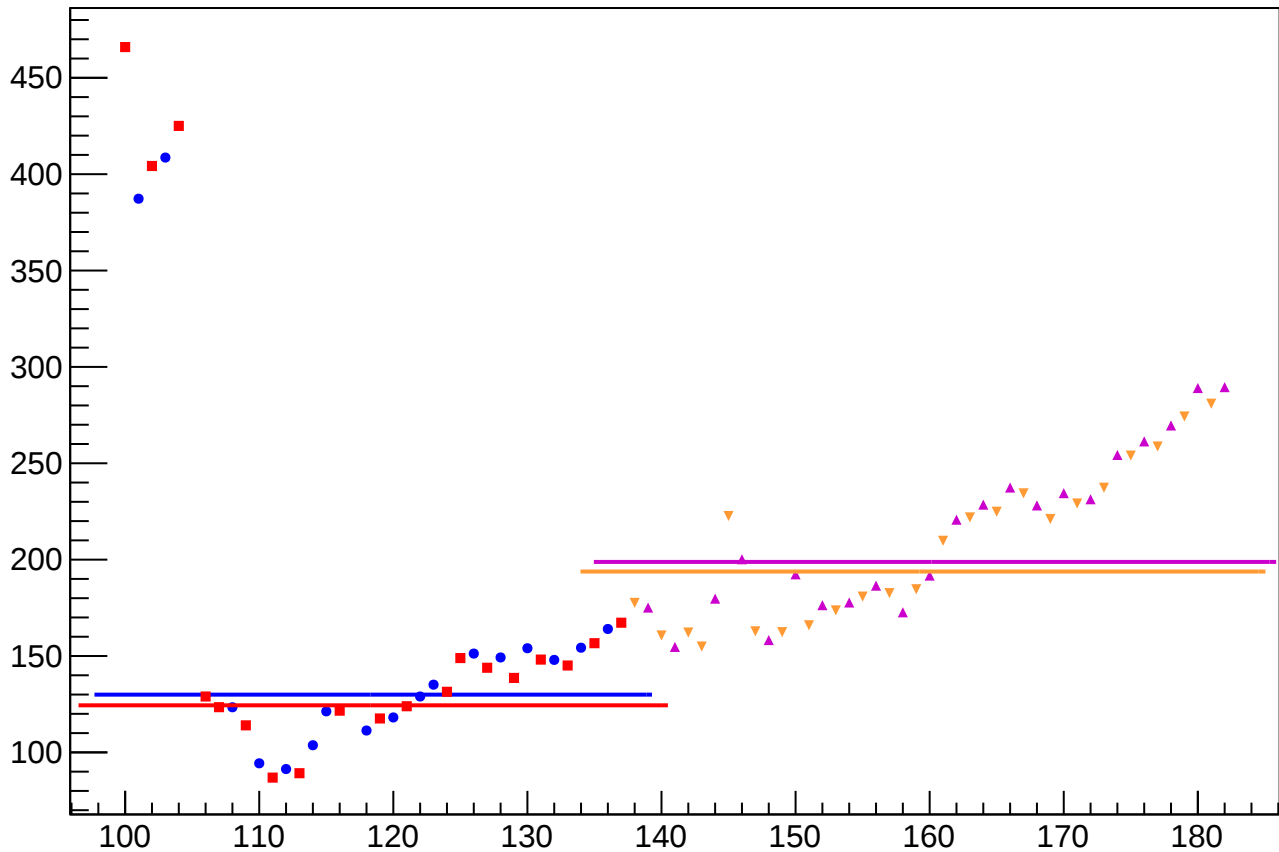
- sign 0.816+/-0.000 χ^2/NDF : 3335386.6/40

yield_bpm2i01WS_mean vs Slug



Right In: 128026.197 $\pm$ 0.055 χ^2 /NDF: 4315820742.0/16
 Left Out: 128755.859 $\pm$ 0.047 χ^2 /NDF: 296270890.5/22
 Right Out: 127927.799 $\pm$ 0.050 χ^2 /NDF: 3766946876.4/18
 Left In: 128688.902 $\pm$ 0.049 χ^2 /NDF: 315663140.1/21
 + sign 128442.740 $\pm$ 0.036 χ^2 /NDF: 4713922089.5
 All: 128379.616 $\pm$ 0.025 χ^2 /NDF: 891986483
 - sign 128318.776 $\pm$ 0.035 χ^2 /NDF: 4199833401.1

yield_bpm2i01WS_rms vs Slug



Right In: 129.956 ± 0.039 χ^2/NDF : 1484094.0/16

Left Out: 193.829 ± 0.033 χ^2/NDF : 1114001.6/22

Right Out: 124.419 ± 0.036 χ^2/NDF : 1525709.6/18

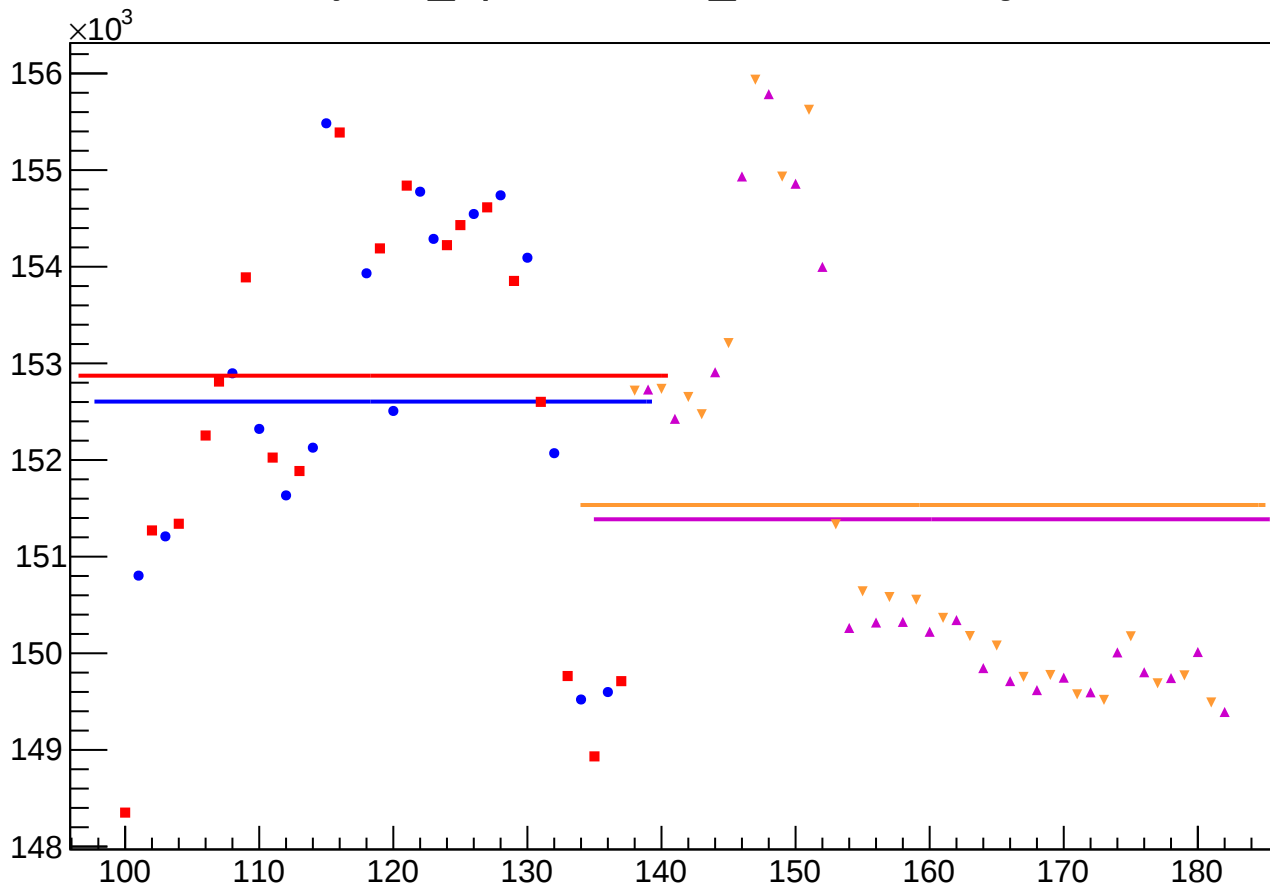
Left In: 198.820 ± 0.035 χ^2/NDF : 1120354.8/21

+ sign 166.419 ± 0.025 χ^2/NDF : 4158711.7/39

All: 164.494 ± 0.018 χ^2/NDF : 9056463.8/80

- sign 162.639 ± 0.025 χ^2/NDF : 4886385.2/40

yield_bpm0i07WS_mean vs Slug



Right In: 152604.581 $\pm$ 0.072 χ^2 /NDF: 618623287.4/16

Left Out: 151534.486 $\pm$ 0.050 χ^2 /NDF: 1429874614.9/22

Right Out: 152872.589 $\pm$ 0.066 χ^2 /NDF: 715748064.0/18

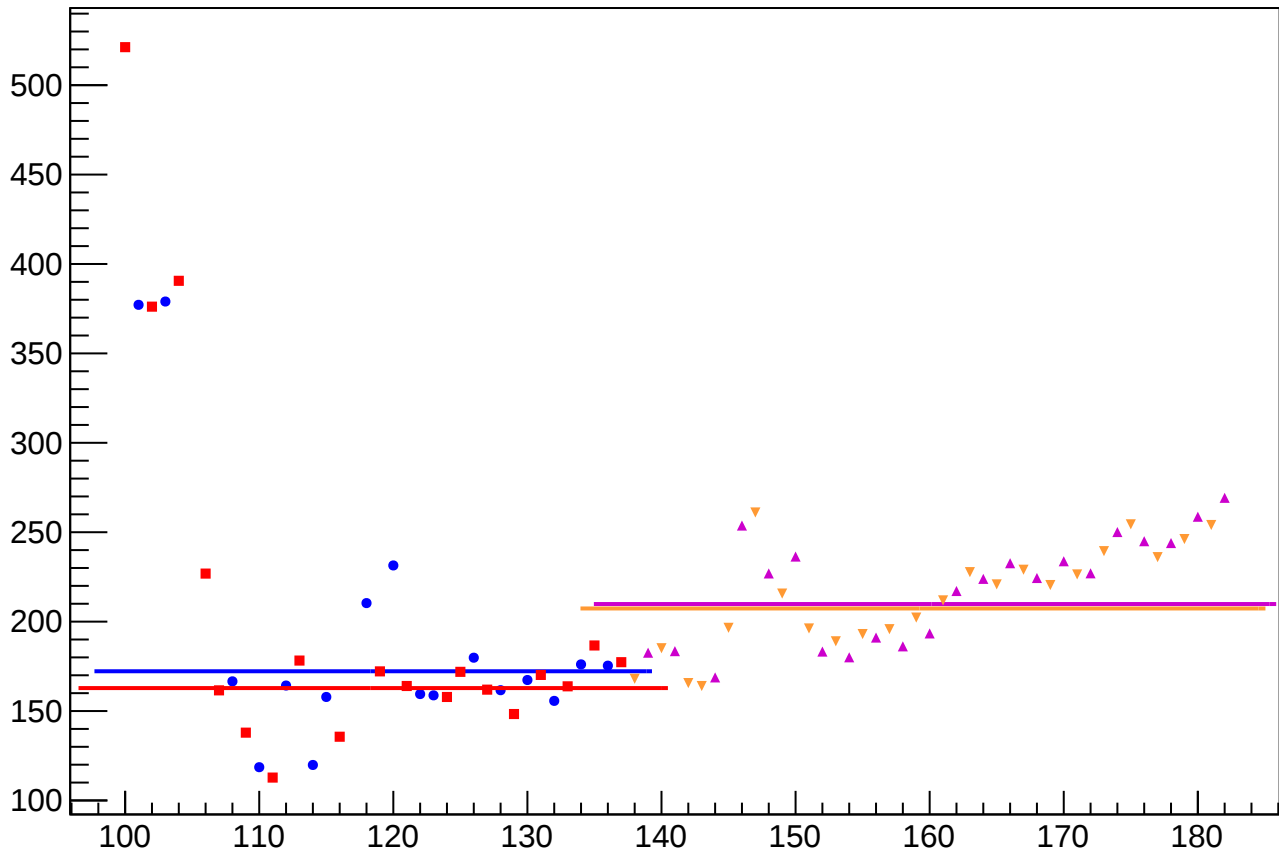
Left In: 151386.678 $\pm$ 0.051 χ^2 /NDF: 1403936073.6/21

+ sign 151883.920 $\pm$ 0.041 χ^2 /NDF: 2195709878.6/22

All: 151915.672 $\pm$ 0.029 χ^2 /NDF: 463041433.0/43

- sign 151946.328 $\pm$ 0.041 χ^2 /NDF: 2433546075.6/22

yield_bpm0i07WS_rms vs Slug



Right In: 172.246 ± 0.051 χ^2/NDF : 925645.6/16

Left Out: 207.361 ± 0.036 χ^2/NDF : 598932.8/22

Right Out: 162.843 ± 0.047 χ^2/NDF : 1031113.1/18

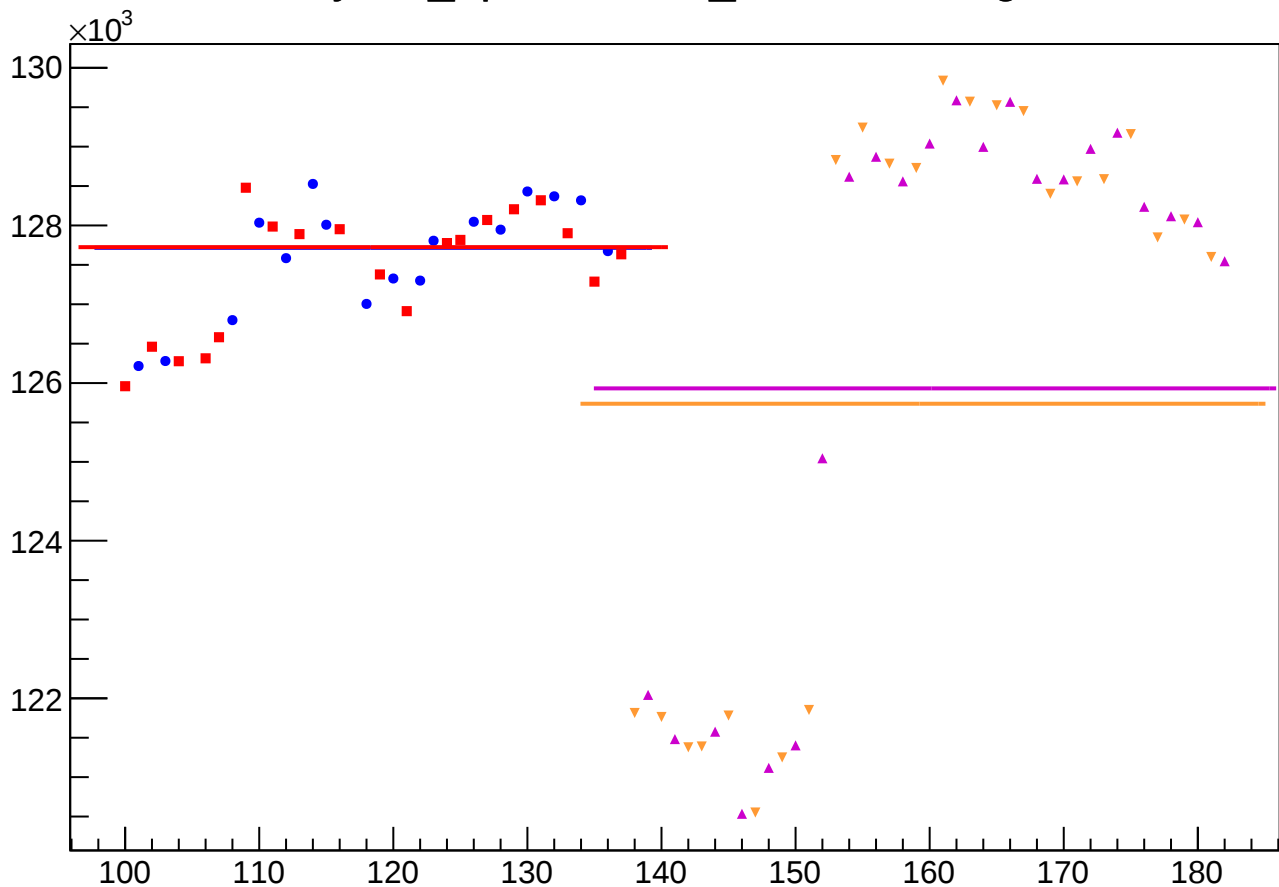
Left In: 209.841 ± 0.036 χ^2/NDF : 657009.9/21

+ sign 195.894 ± 0.029 χ^2/NDF : 1841612.7/39

All: 193.984 ± 0.020 χ^2/NDF : 4166112.9/80

- sign 192.140 ± 0.029 χ^2/NDF : 2316116.4/40

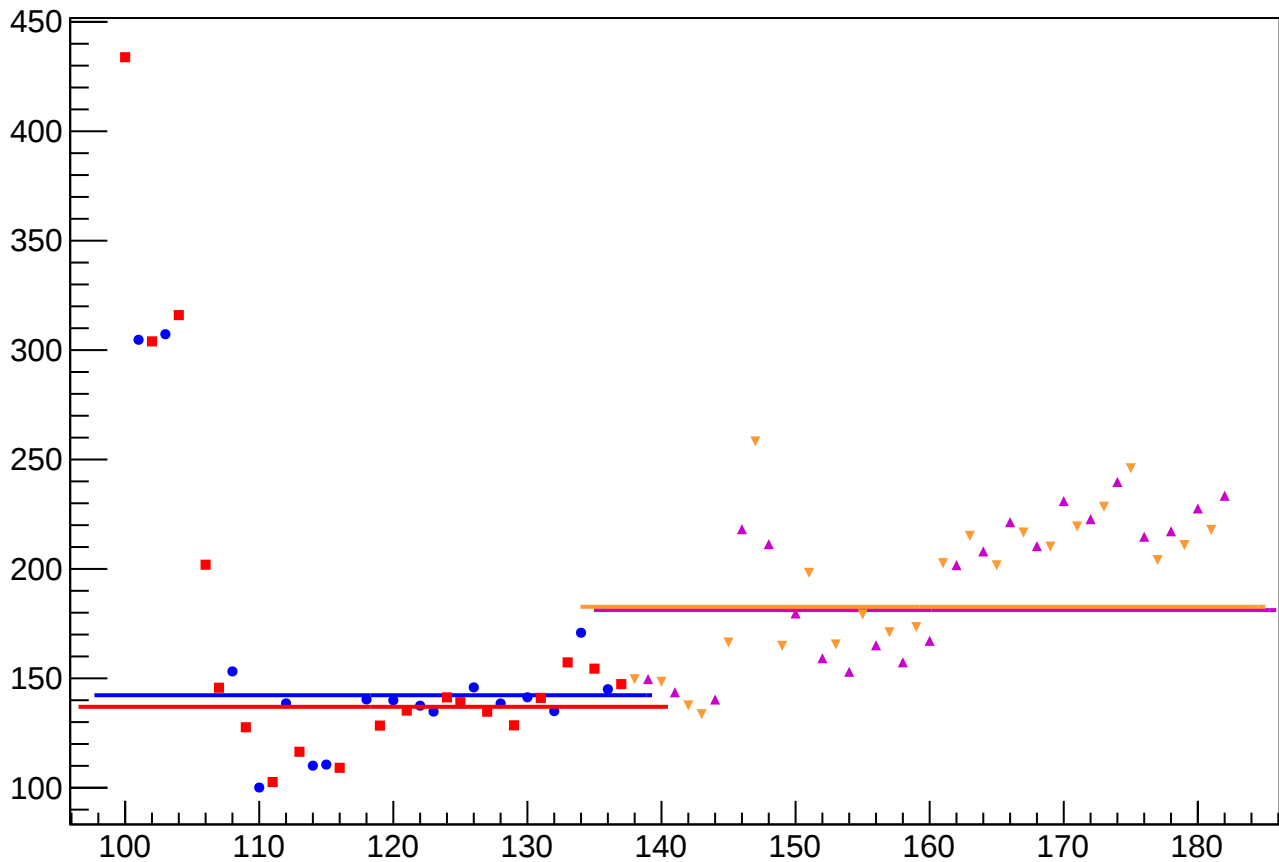
yield_bpm0l01WS_mean vs Slug



Right In: 127716.166 $\pm$ 0.058 χ^2 /NDF: 94931980.7/16
 Left Out: 125737.745 $\pm$ 0.045 χ^2 /NDF: 6532374284.2/22
 Right Out: 127724.552 $\pm$ 0.055 χ^2 /NDF: 112583303.4/18
 Left In: 125932.563 $\pm$ 0.045 χ^2 /NDF: 5821240012.1/21

+ sign 126471.930 $\pm$ 0.036 χ^2 /NDF: 7348824373.0
 All: 126566.363 $\pm$ 0.025 χ^2 /NDF: 13940014
 - sign 126655.941 $\pm$ 0.035 χ^2 /NDF: 6577465205.8/

yield_bpm0l01WS_rms vs Slug



Right In: 142.282 $\pm$ 0.041 χ^2 /NDF: 836459.8/16

Left Out: 182.695 $\pm$ 0.032 χ^2 /NDF:1040046.0/22

Right Out: 136.989 $\pm$ 0.039 χ^2 /NDF: 956883.0/18

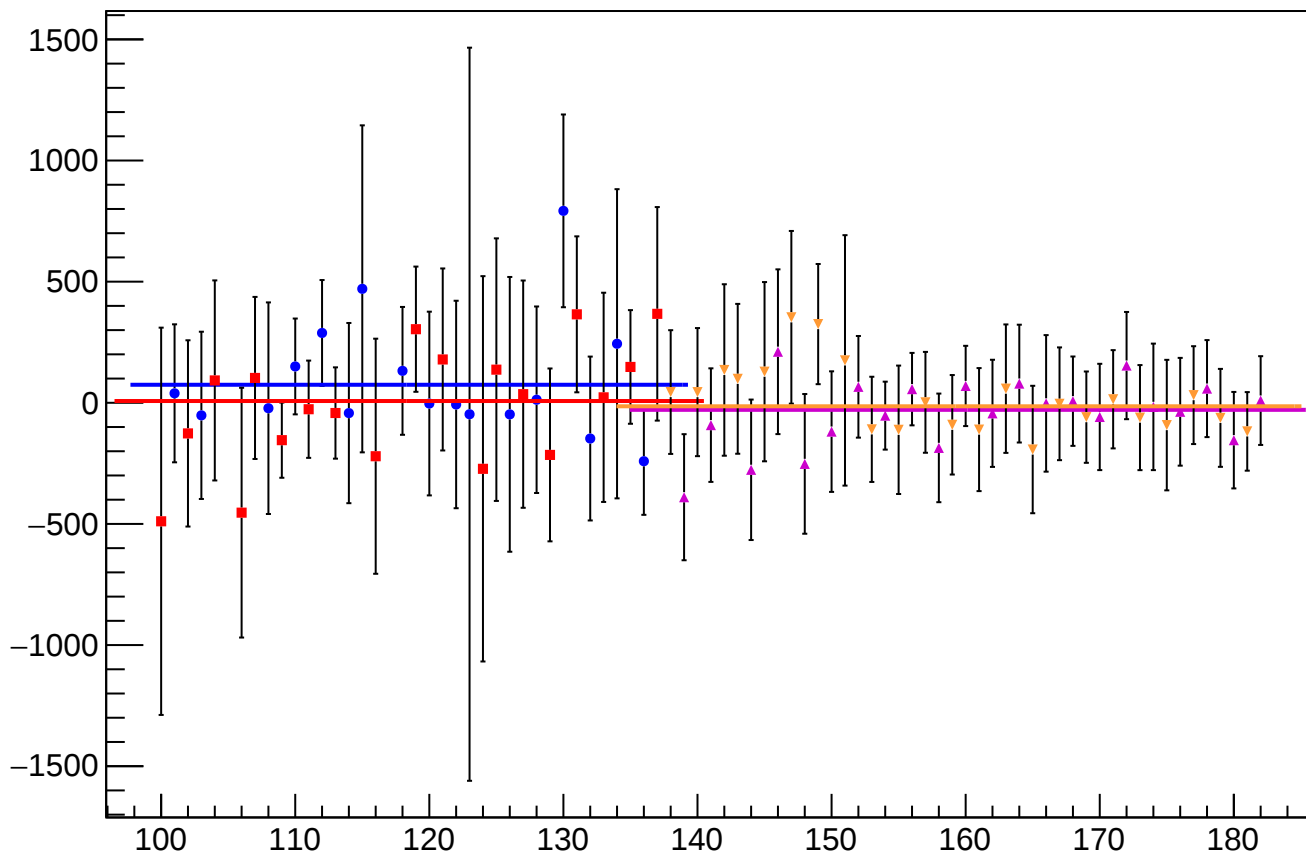
Left In: 181.188 $\pm$ 0.032 χ^2 /NDF:1087387.2/21

+ sign 167.698 $\pm$ 0.025 χ^2 /NDF: 2478618.8/39

All: 165.464 $\pm$ 0.018 χ^2 /NDF: 5321351.0/80

- sign 163.346 $\pm$ 0.025 χ^2 /NDF: 2827383.2/40

asym_bcm_an_ds_mean vs Slug



Right In: 74.411+/-79.831 χ^2/NDF : 7.7/16

Left Out: -14.435+/-49.832 χ^2/NDF : 5.5/22

Right Out: 7.330+/-70.110 χ^2/NDF : 7.2/18

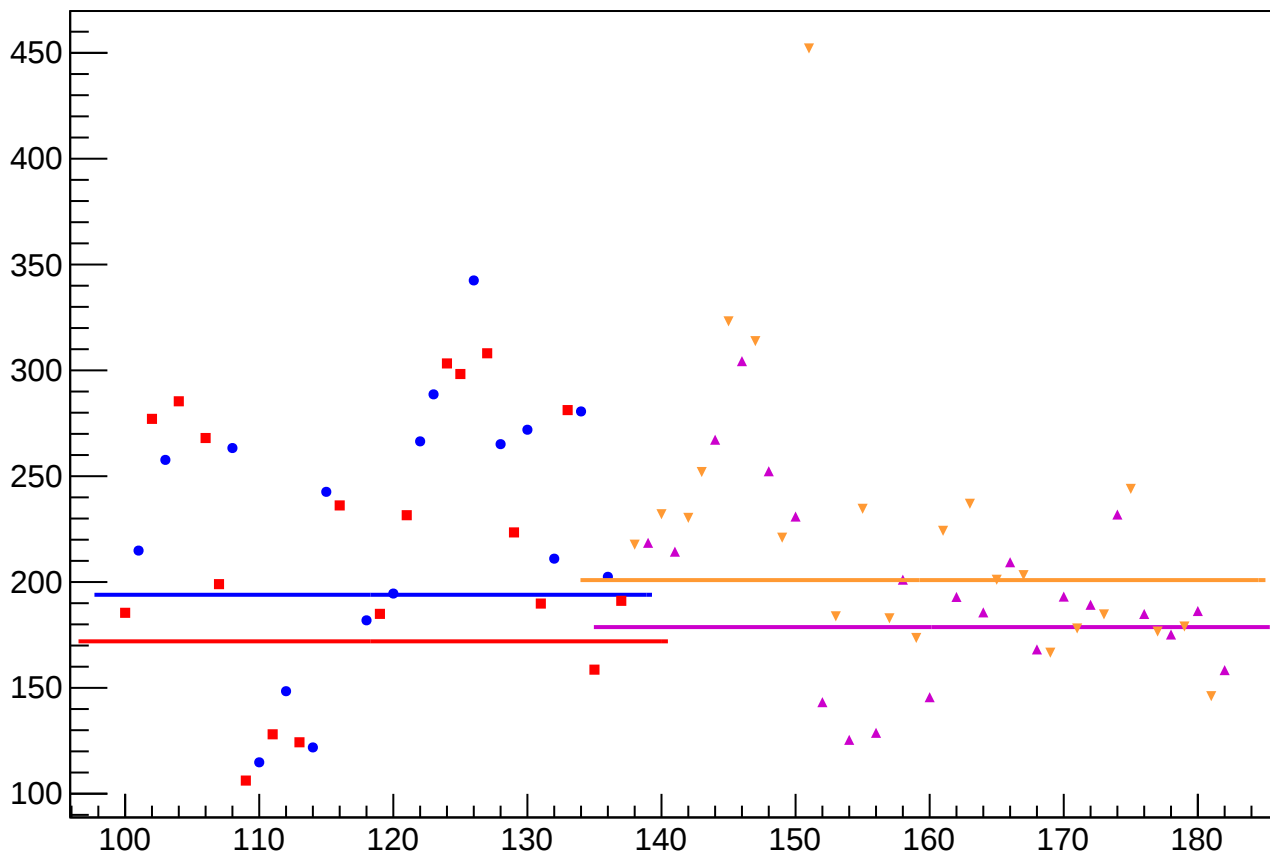
Left In: -29.104+/-45.093 χ^2/NDF : 6.9/21

+ sign 10.477+/-42.272 χ^2/NDF : 14.1/39

All: -5.546+/-28.230 χ^2/NDF : 28.7/80

- sign -18.443+/-37.926 χ^2/NDF : 14.3/40

asym_bcm_an_ds_rms vs Slug



Right In: 193.981 $\pm$ 0.056 χ^2 /NDF: 1018863.8/16

Left Out: 200.915 $\pm$ 0.035 χ^2 /NDF: 1593568.1/22

Right Out: 171.982 $\pm$ 0.050 χ^2 /NDF: 1574584.7/18

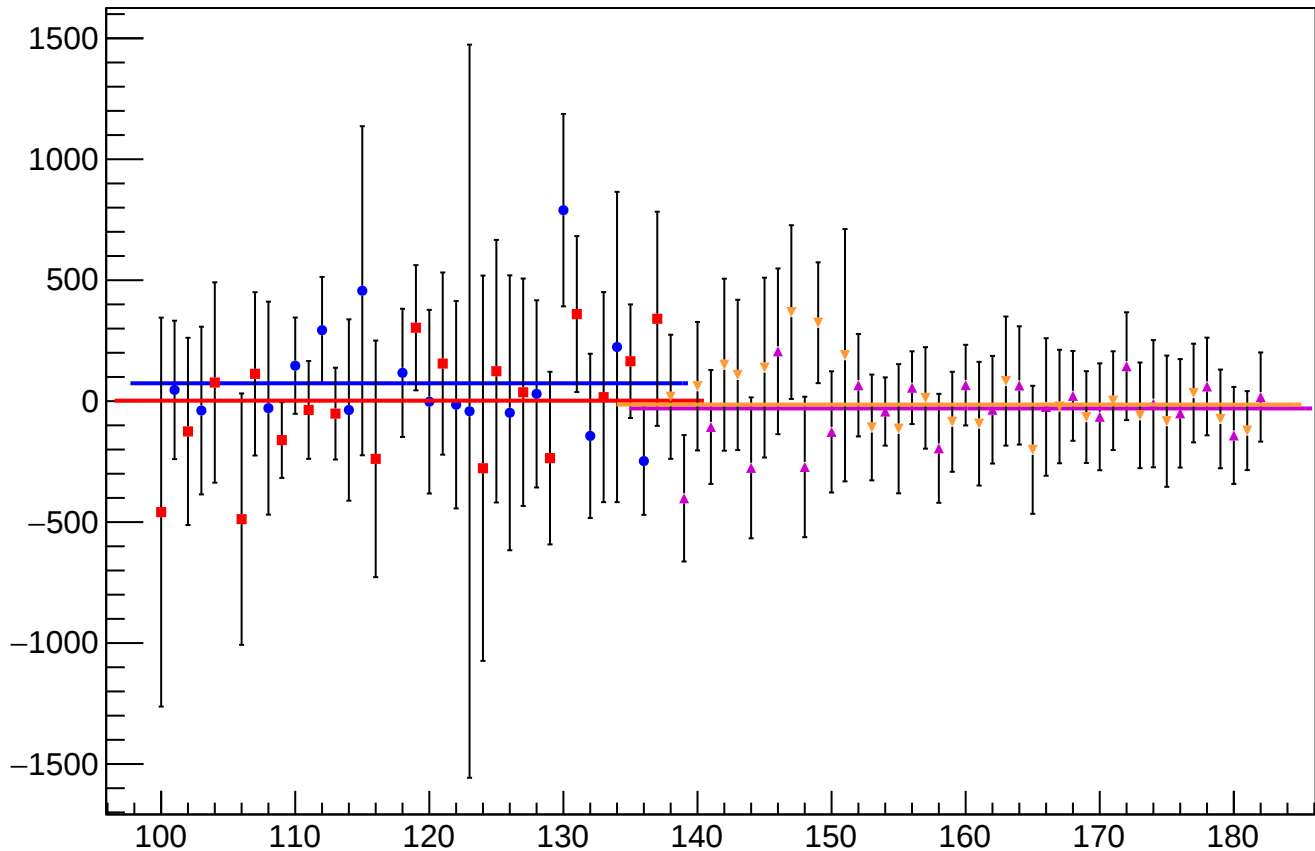
Left In: 178.716 $\pm$ 0.032 χ^2 /NDF: 1605967.0/21

+ sign 198.971 $\pm$ 0.030 χ^2 /NDF: 2623291.5/39

All: 186.657 $\pm$ 0.020 χ^2 /NDF: 6123193.2/80

- sign 176.746 $\pm$ 0.027 χ^2 /NDF: 3193603.7/40

asym_bcm_an_ds3_mean vs Slug



Right In: 73.870 ± 80.221 χ^2/NDF : 7.7/16

Left Out: -13.925 ± 50.179 χ^2/NDF : 5.7/22

Right Out: 2.039 ± 70.480 χ^2/NDF : 7.4/18

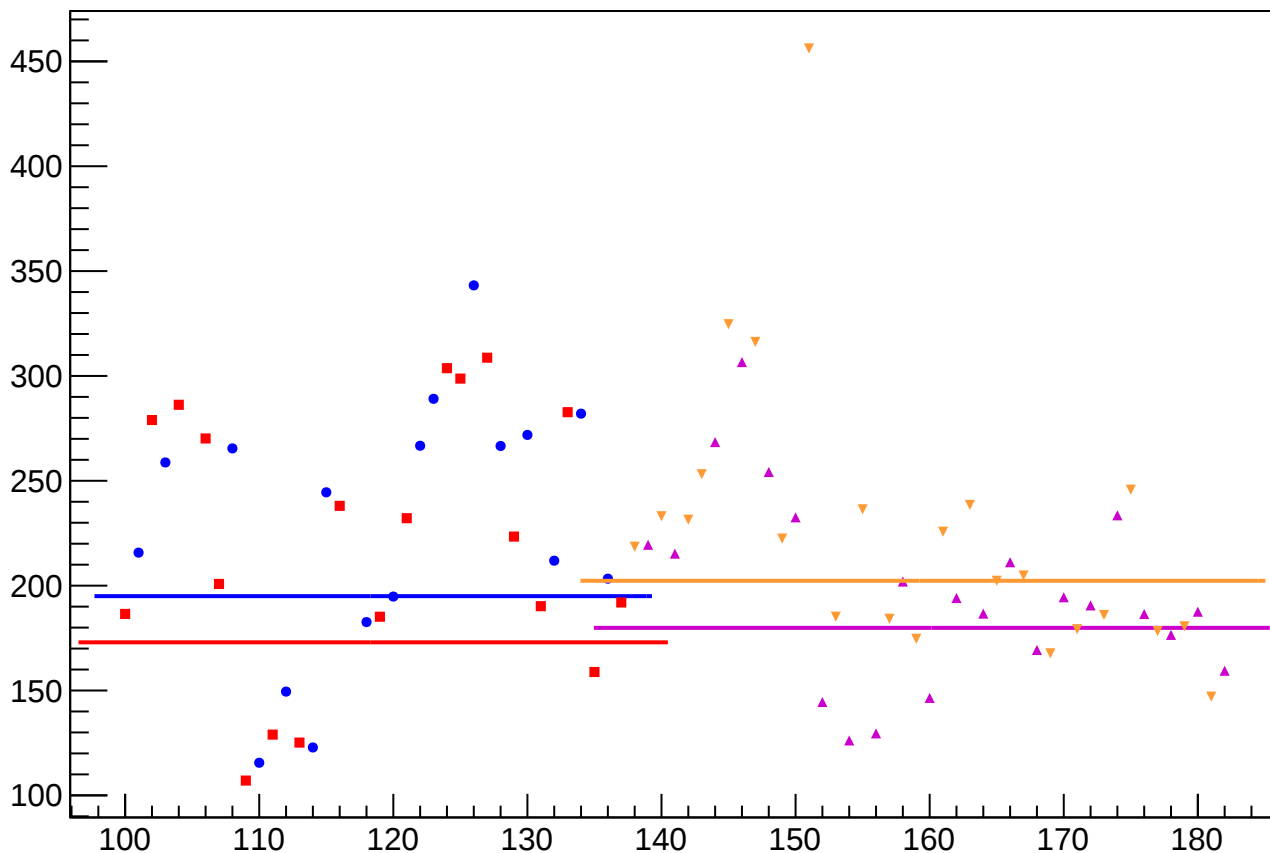
Left In: -30.094 ± 45.387 χ^2/NDF : 7.0/21

+ sign 10.766 ± 42.542 χ^2/NDF : 14.2/39

All: -6.657 ± 28.406 χ^2/NDF : 29.1/80

- sign -20.675 ± 38.159 χ^2/NDF : 14.5/40

asym_bcm_an_ds3_rms vs Slug



Right In: 194.991 $\pm$ 0.057 χ^2 /NDF: 1010319.8/16

Left Out: 202.322 $\pm$ 0.035 χ^2 /NDF:1589639.8/22

Right Out: 172.973 $\pm$ 0.050 χ^2 /NDF: 1562363.3/18

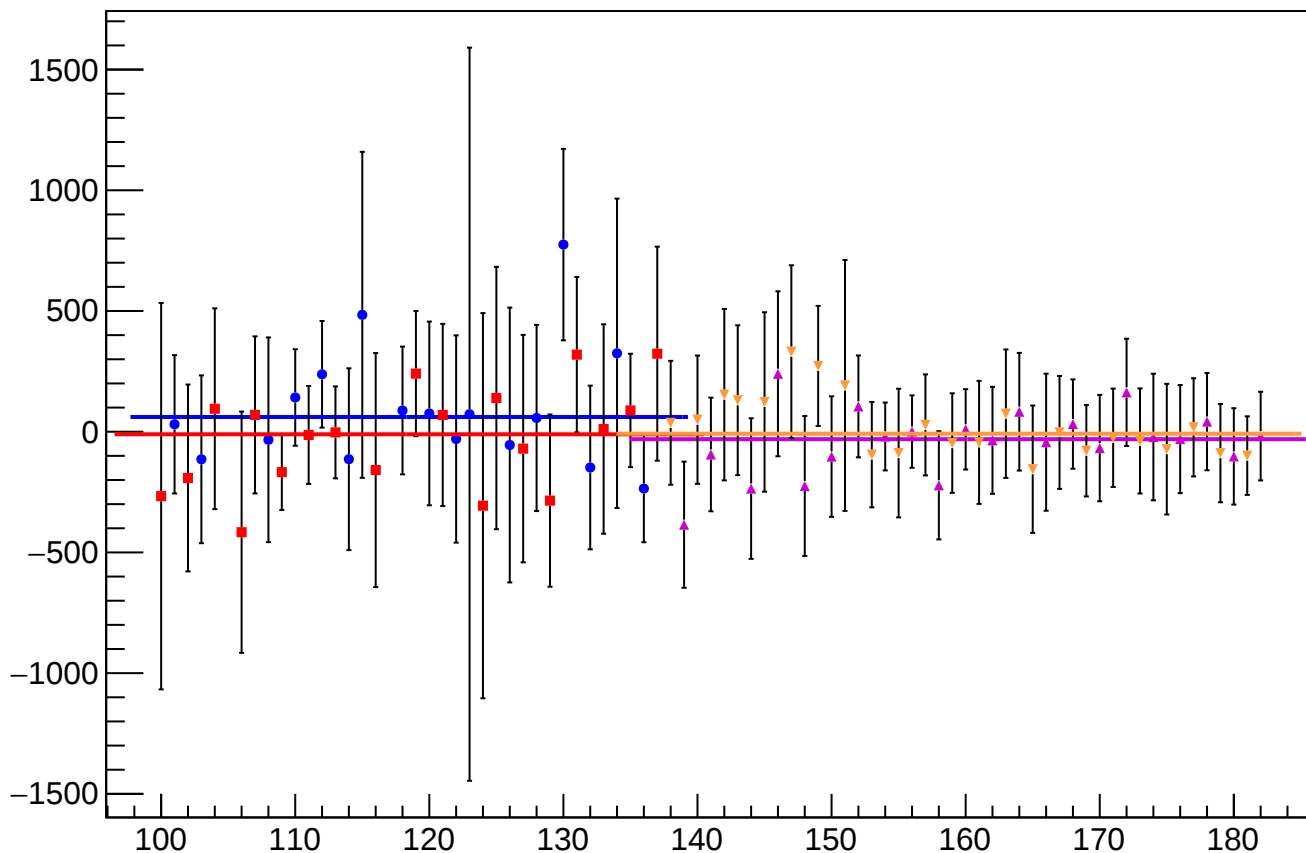
Left In: 179.876 $\pm$ 0.032 χ^2 /NDF:1605354.9/21

+ sign 200.260 $\pm$ 0.030 χ^2 /NDF: 2611963.6/39

All: 187.843 $\pm$ 0.020 χ^2 /NDF: 6100721.9/80

- sign 177.853 $\pm$ 0.027 χ^2 /NDF: 3181279.3/40

asym_bcm_an_us_mean vs Slug



Right In: 60.929 ± 80.216 $\chi^2/\text{NDF}: 7.4/16$

Left Out: -8.091 ± 50.055 $\chi^2/\text{NDF}: 4.4/22$

Right Out: -10.668 ± 70.402 $\chi^2/\text{NDF}: 5.8/18$

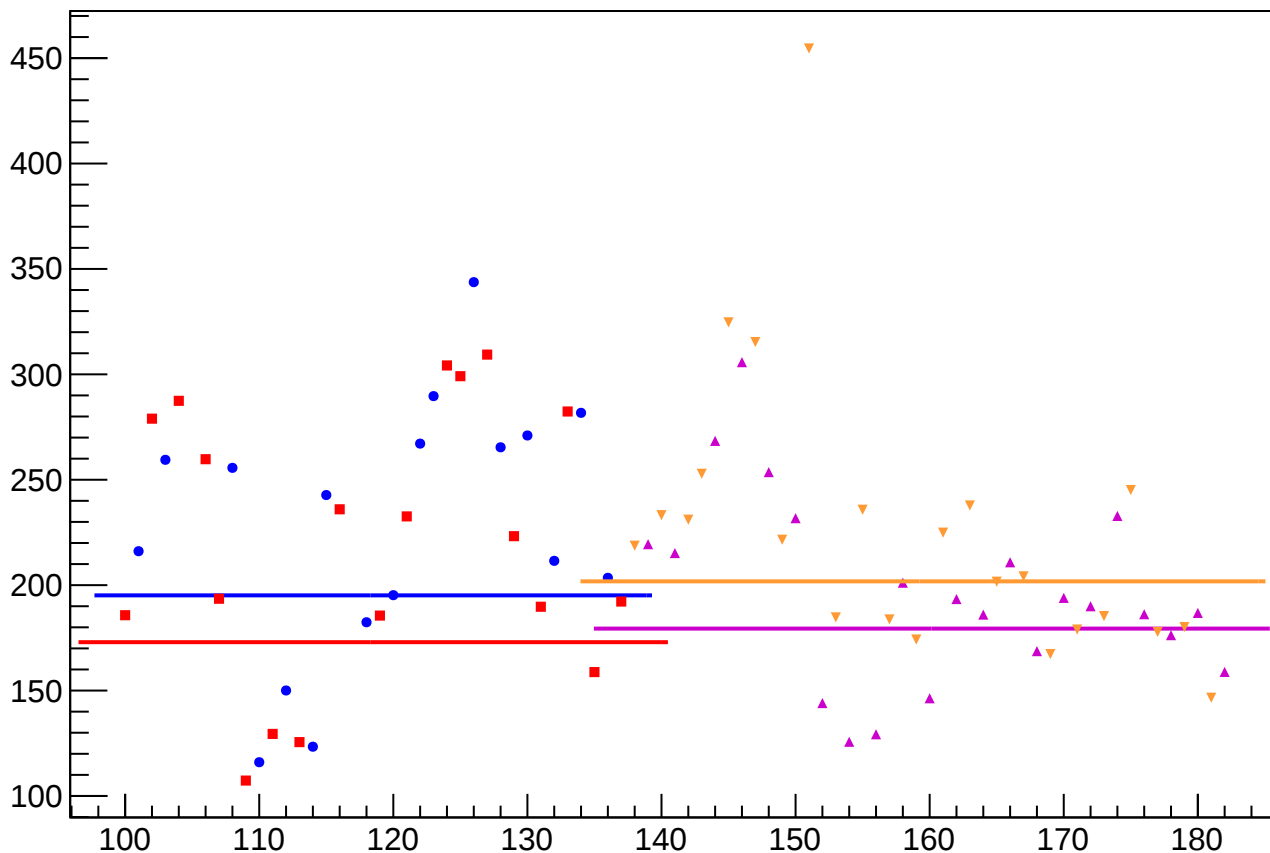
Left In: -30.951 ± 45.267 $\chi^2/\text{NDF}: 6.2/21$

+ sign 11.252 ± 42.465 $\chi^2/\text{NDF}: 12.3/39$

All: -8.854 ± 28.349 $\chi^2/\text{NDF}: 24.8/80$

- sign -25.018 ± 38.075 $\chi^2/\text{NDF}: 12.1/40$

asym_bcm_an_us_rms vs Slug



Right In: 195.157 $\pm$ 0.057 χ^2 /NDF: 988306.7/16

Left Out: 201.809 $\pm$ 0.035 χ^2 /NDF:1593245.0/22

Right Out: 172.948 $\pm$ 0.050 χ^2 /NDF: 1539308.8/18

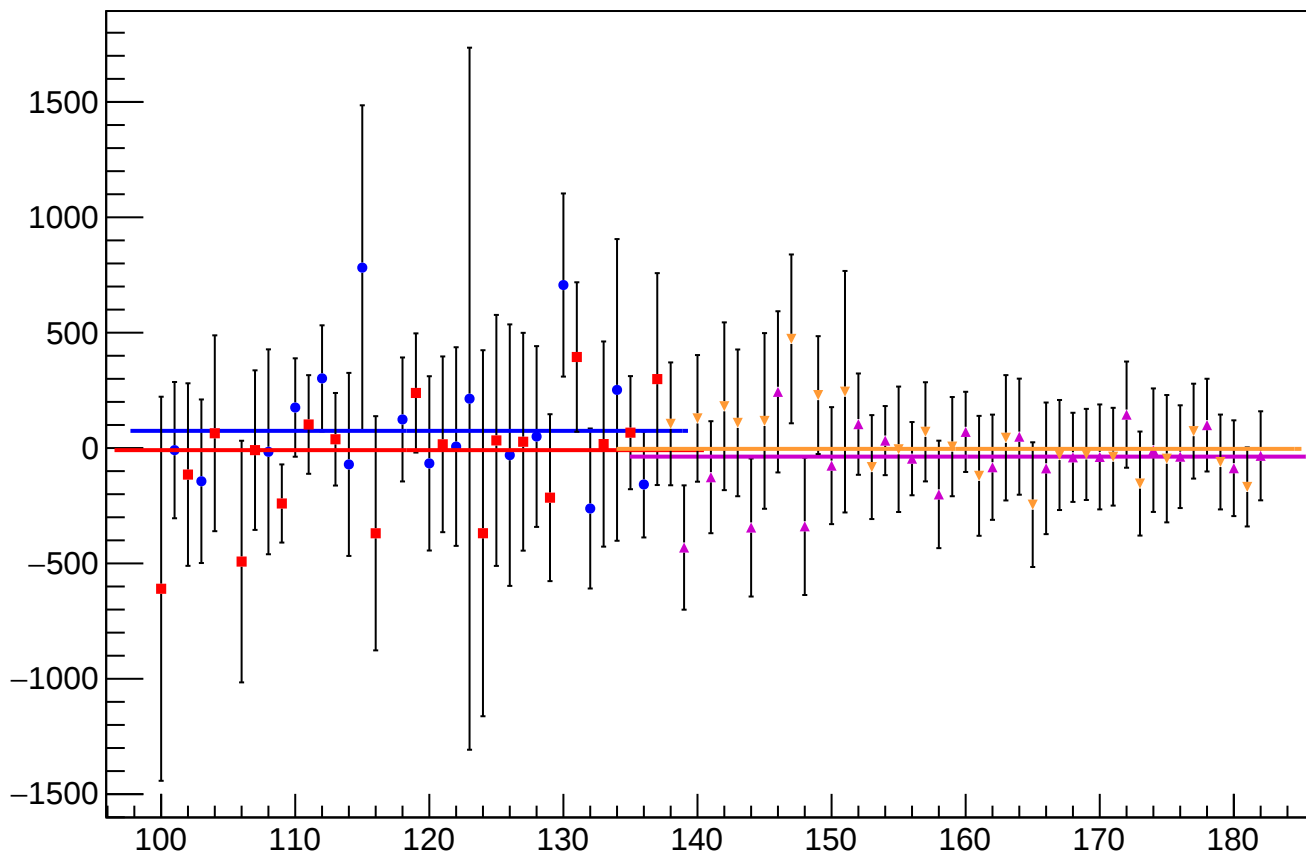
Left In: 179.392 $\pm$ 0.032 χ^2 /NDF:1609131.1/21

+ sign 199.944 $\pm$ 0.030 χ^2 /NDF: 2591450.8/39

All: 187.506 $\pm$ 0.020 χ^2 /NDF: 6061266.4/80

- sign 177.507 $\pm$ 0.027 χ^2 /NDF: 3160296.1/40

asym_bcm_dg_us_mean vs Slug



Right In: 74.541 ± 82.742 χ^2/NDF : 7.7/16

Left Out: -3.538 ± 51.537 χ^2/NDF : 6.6/22

Right Out: -9.056 ± 73.353 χ^2/NDF : 7.7/18

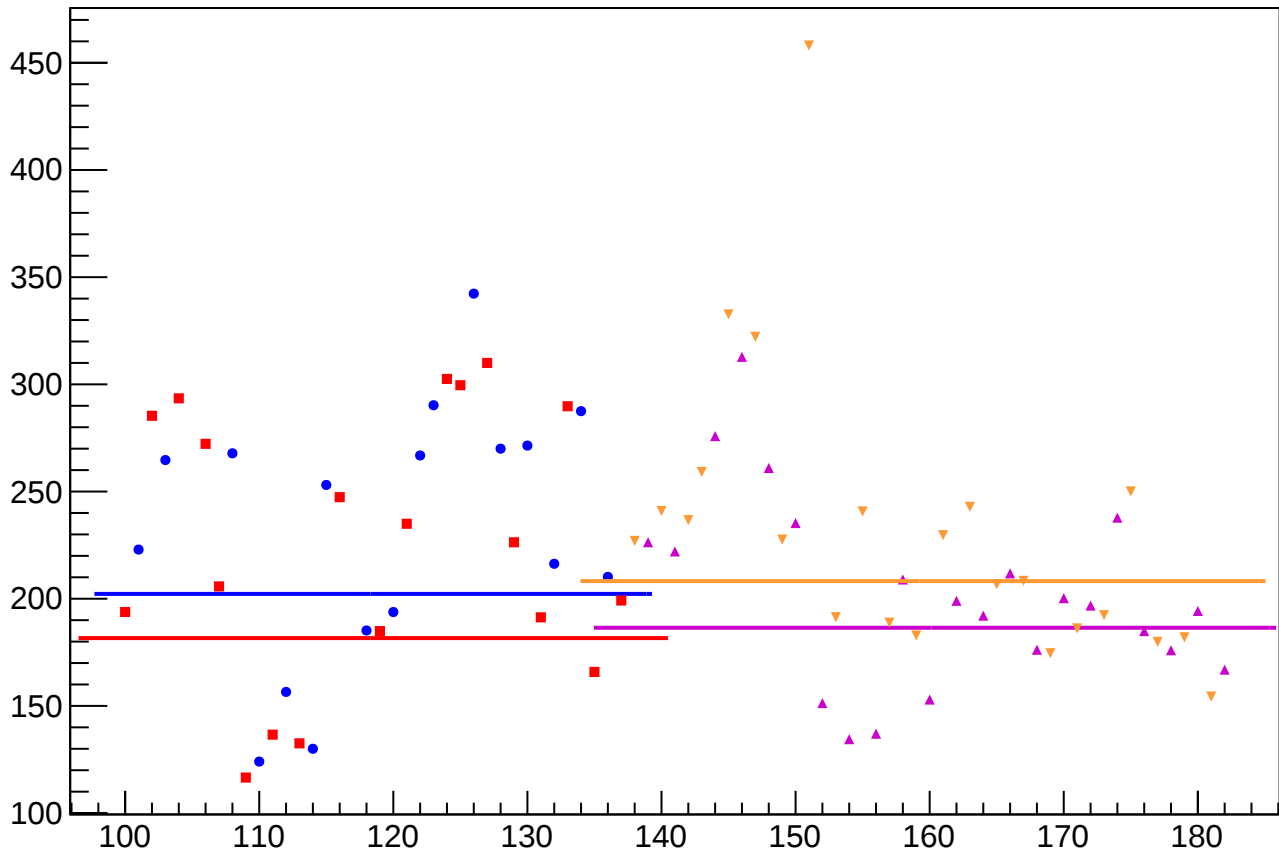
Left In: -37.155 ± 46.887 χ^2/NDF : 7.9/21

+ sign 18.286 ± 43.745 χ^2/NDF : 14.9/39

All: -7.761 ± 29.319 χ^2/NDF : 31.3/80

- sign -29.004 ± 39.506 χ^2/NDF : 15.7/40

asym_bcm_dg_us_rms vs Slug



Right In: 202.251 $\pm$ 0.059 χ^2 /NDF: 883731.1/16

Left Out: 208.224 $\pm$ 0.036 χ^2 /NDF:1510887.6/22

Right Out: 181.640 $\pm$ 0.052 χ^2 /NDF: 1373481.9/18

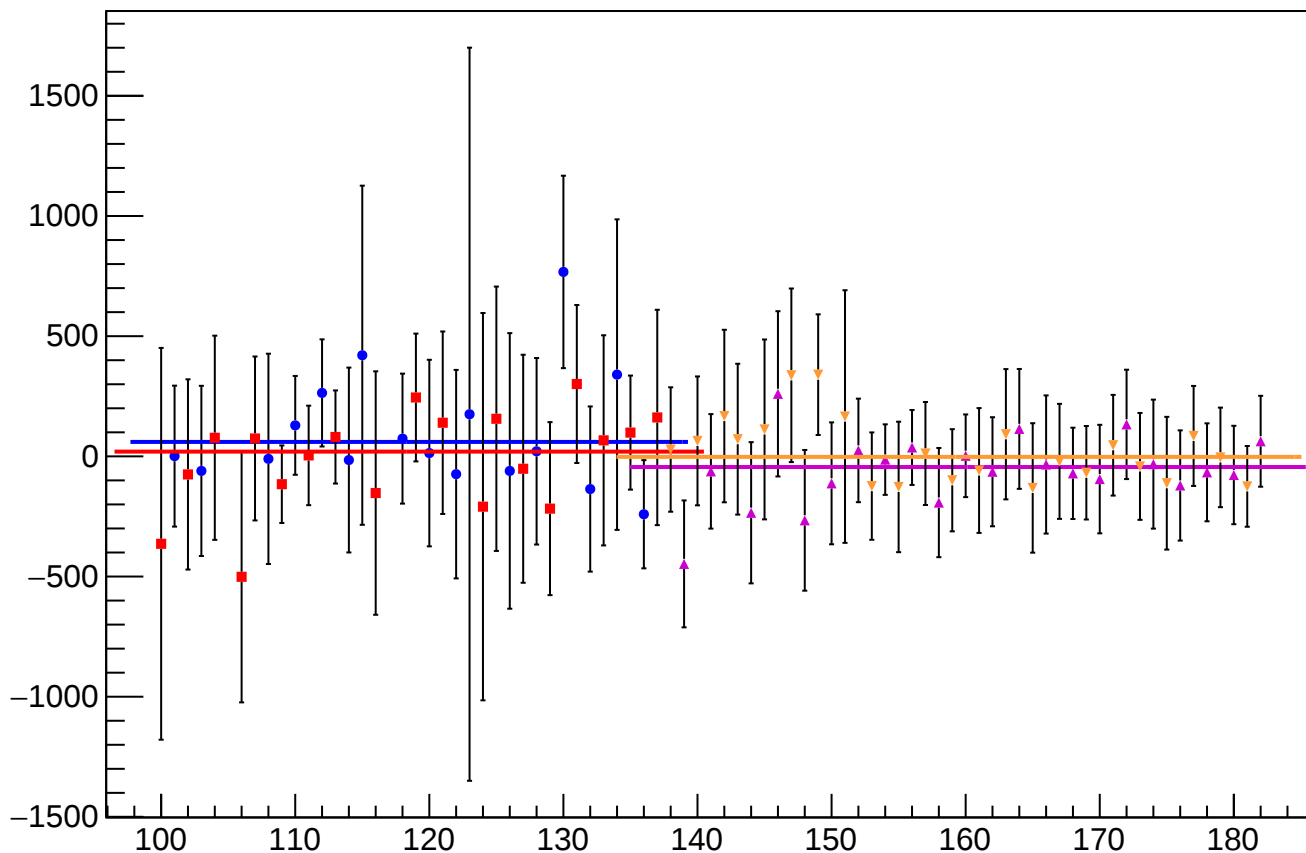
Left In: 186.463 $\pm$ 0.033 χ^2 /NDF:1448593.7/21

+ sign 206.554 $\pm$ 0.031 χ^2 /NDF: 2402126.8/39

All: 194.718 $\pm$ 0.021 χ^2 /NDF: 5496184.4/80

- sign 185.064 $\pm$ 0.028 χ^2 /NDF: 2828215.8/40

asym_bcm_dg_ds_mean vs Slug



Right In: 60.119 $\pm$ 81.659 χ^2 /NDF: 7.0/16

Left Out: -2.184 $\pm$ 51.117 χ^2 /NDF: 5.5/22

Right Out: 19.746 $\pm$ 71.914 χ^2 /NDF: 4.6/18

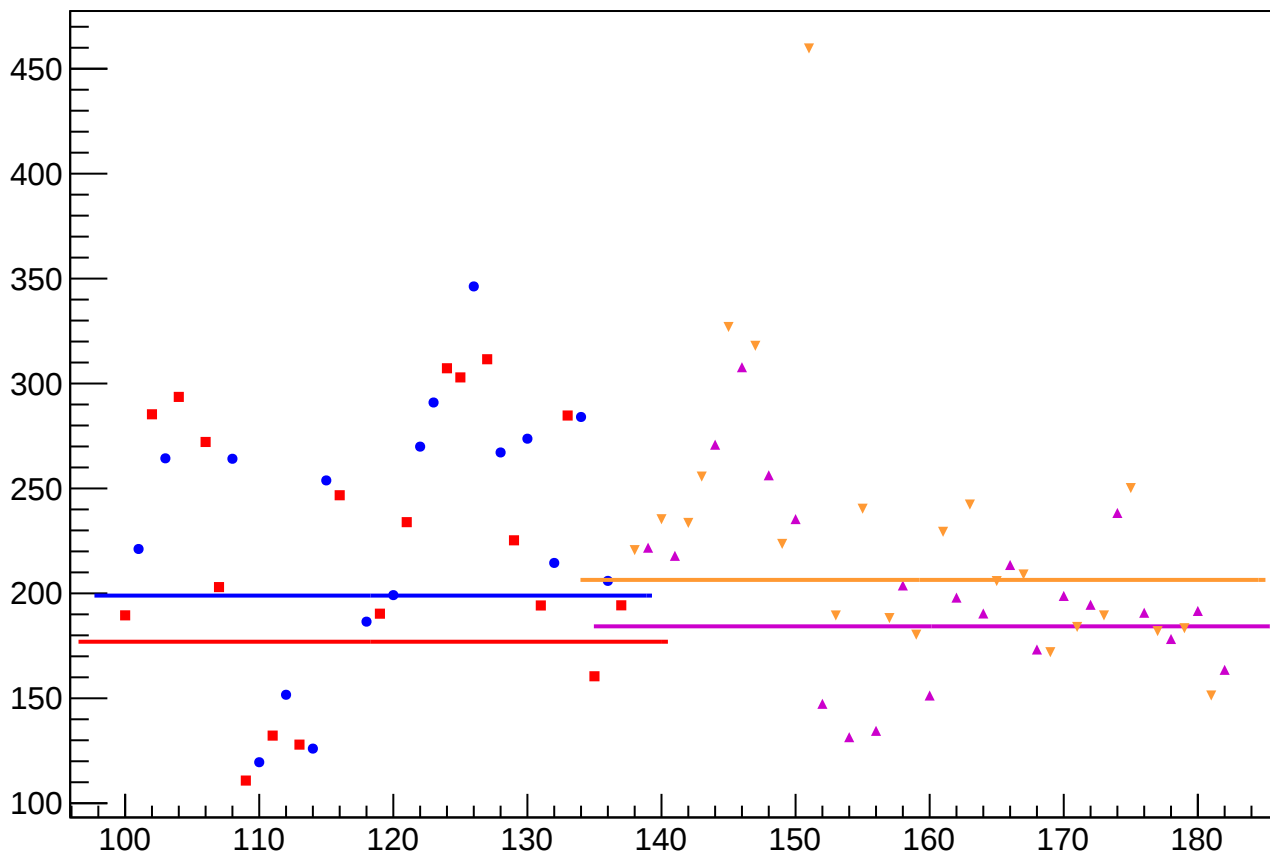
Left In: -44.366 $\pm$ 46.393 χ^2 /NDF: 6.7/21

+ sign 15.356 $\pm$ 43.328 χ^2 /NDF: 12.9/39

All: -7.236 $\pm$ 28.980 χ^2 /NDF: 25.3/80

- sign -25.525 $\pm$ 38.984 χ^2 /NDF: 11.8/40

asym_bcm_dg_ds_rms vs Slug



Right In: 198.943 $\pm$ 0.058 χ^2 /NDF: 965773.2/16

Left Out: 206.421 $\pm$ 0.036 χ^2 /NDF: 1515036.5/22

Right Out: 176.962 $\pm$ 0.051 χ^2 /NDF: 1519544.5/18

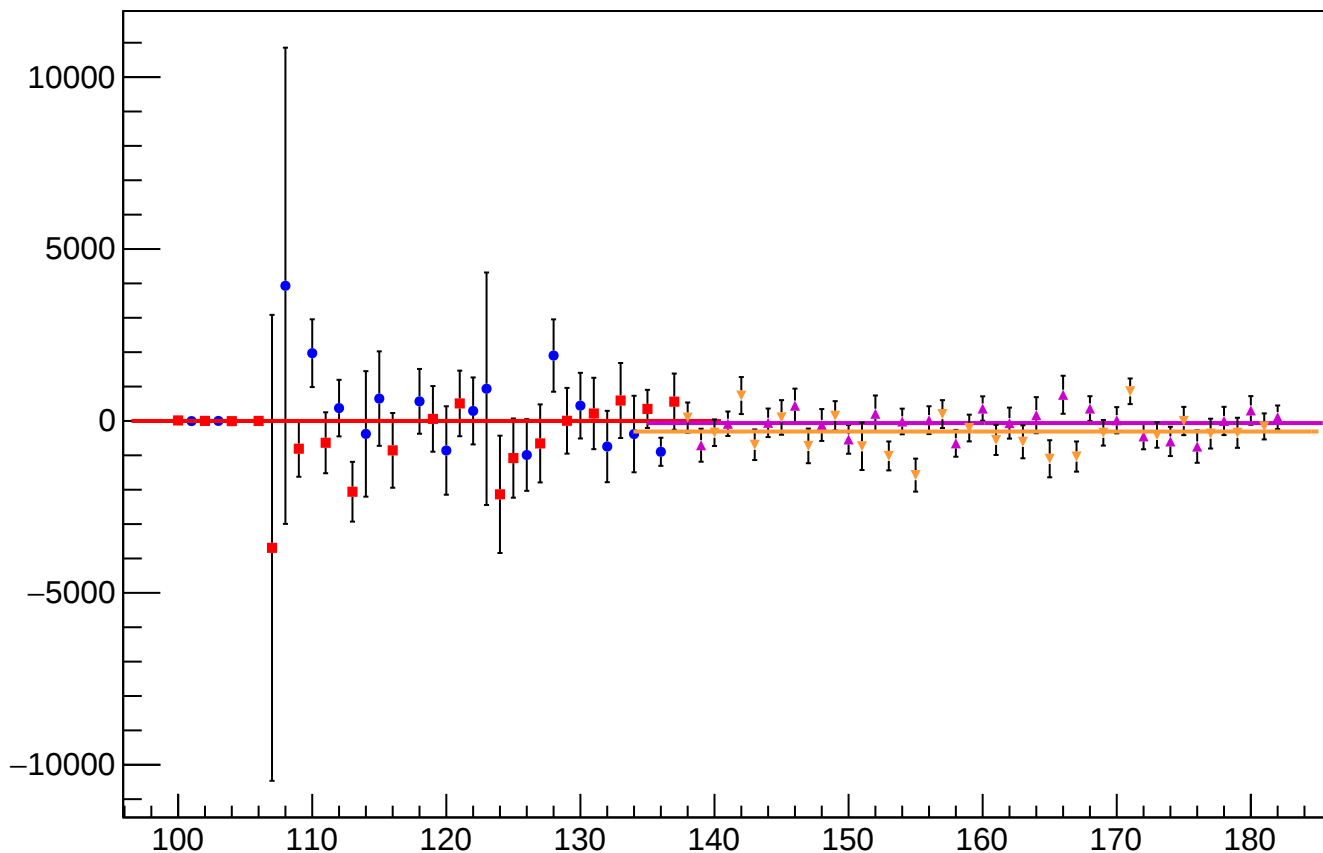
Left In: 184.293 $\pm$ 0.033 χ^2 /NDF: 1483134.2/21

+ sign 204.316 $\pm$ 0.031 χ^2 /NDF: 2492862.8/39

All: 192.060 $\pm$ 0.020 χ^2 /NDF: 5799788.4/80

- sign 182.138 $\pm$ 0.028 χ^2 /NDF: 3017354.7/40

asym_cav4bQ_mean vs Slug



Right In: -1.529 ± 2.251 χ^2/NDF : 16.9/16

Left Out: -307.804 ± 90.561 χ^2/NDF : 36.0/22

Right Out: -0.731 ± 2.111 χ^2/NDF : 18.2/18

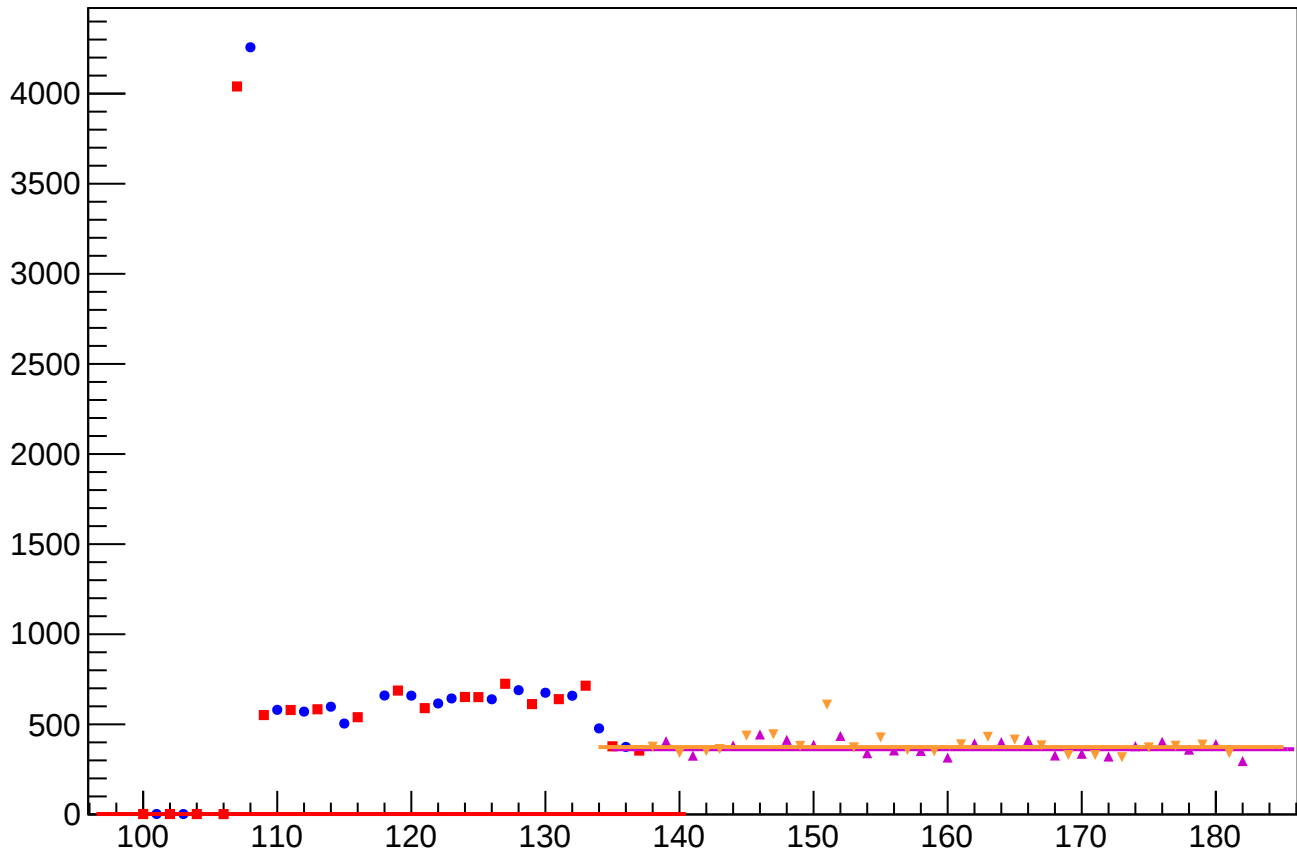
Left In: -61.354 ± 88.513 χ^2/NDF : 17.8/21

+ sign -1.718 ± 2.251 χ^2/NDF : 64.3/39

All: -1.211 ± 1.540 χ^2/NDF : 100.9/80

- sign -0.765 ± 2.111 χ^2/NDF : 36.5/40

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10667142.2/16

Left Out: 373.933+/-0.064 χ^2/NDF : 523889.3/22

Right Out: 2.436+/-0.001 χ^2/NDF : 11094072.3/18

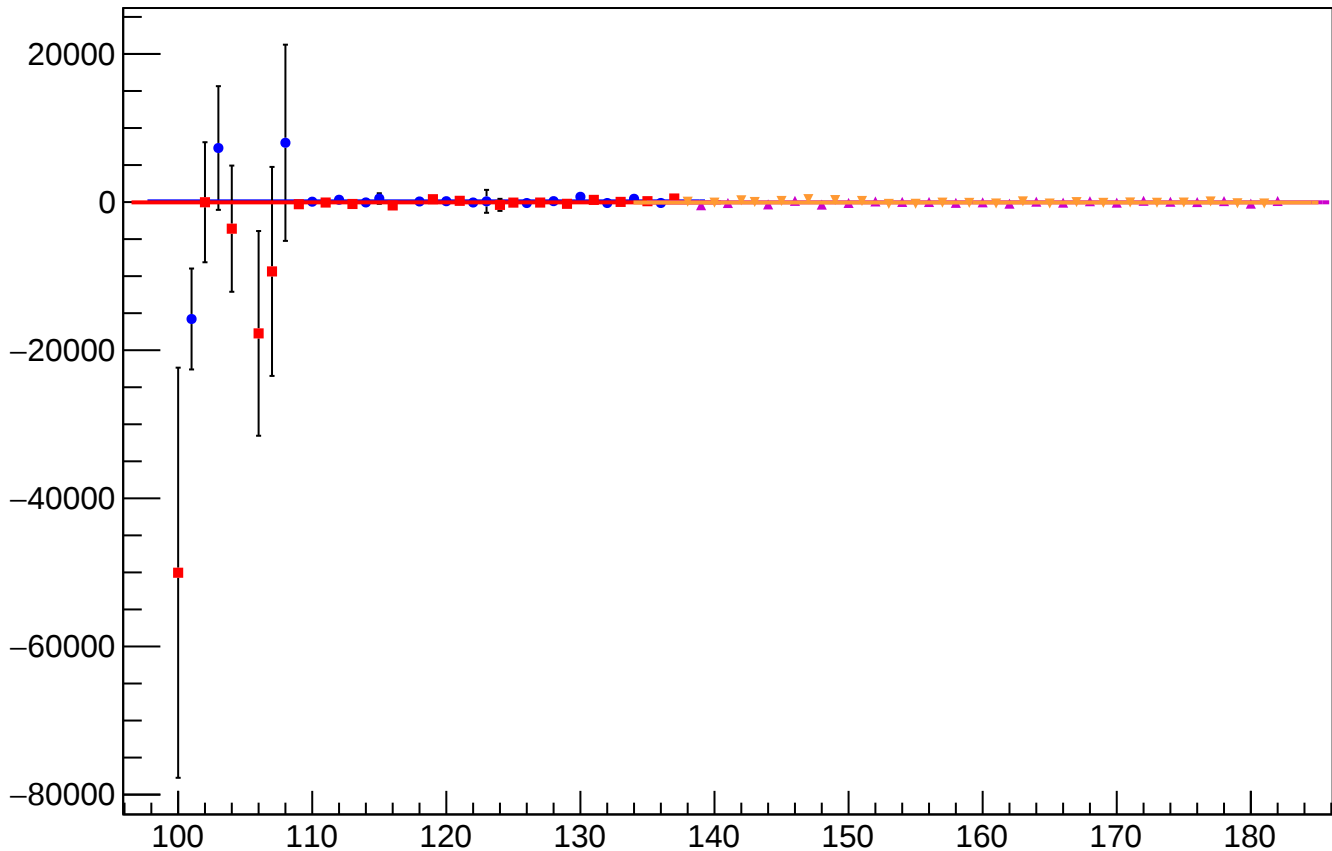
Left In: 361.969+/-0.063 χ^2/NDF : 400727.7/21

+ sign 2.685+/-0.002 χ^2/NDF : 44822384.7/39

All: 2.662+/-0.001 χ^2/NDF : 89296863.2/80

- sign 2.641+/-0.001 χ^2/NDF : 44474063.8/40

asym_cav4cQ_mean vs Slug



Right In: 99.358+/-92.026 χ^2/NDF : 12.0/16

Left Out: -56.340+/-51.842 χ^2/NDF : 7.6/22

Right Out: -38.144+/-84.576 χ^2/NDF : 14.1/18

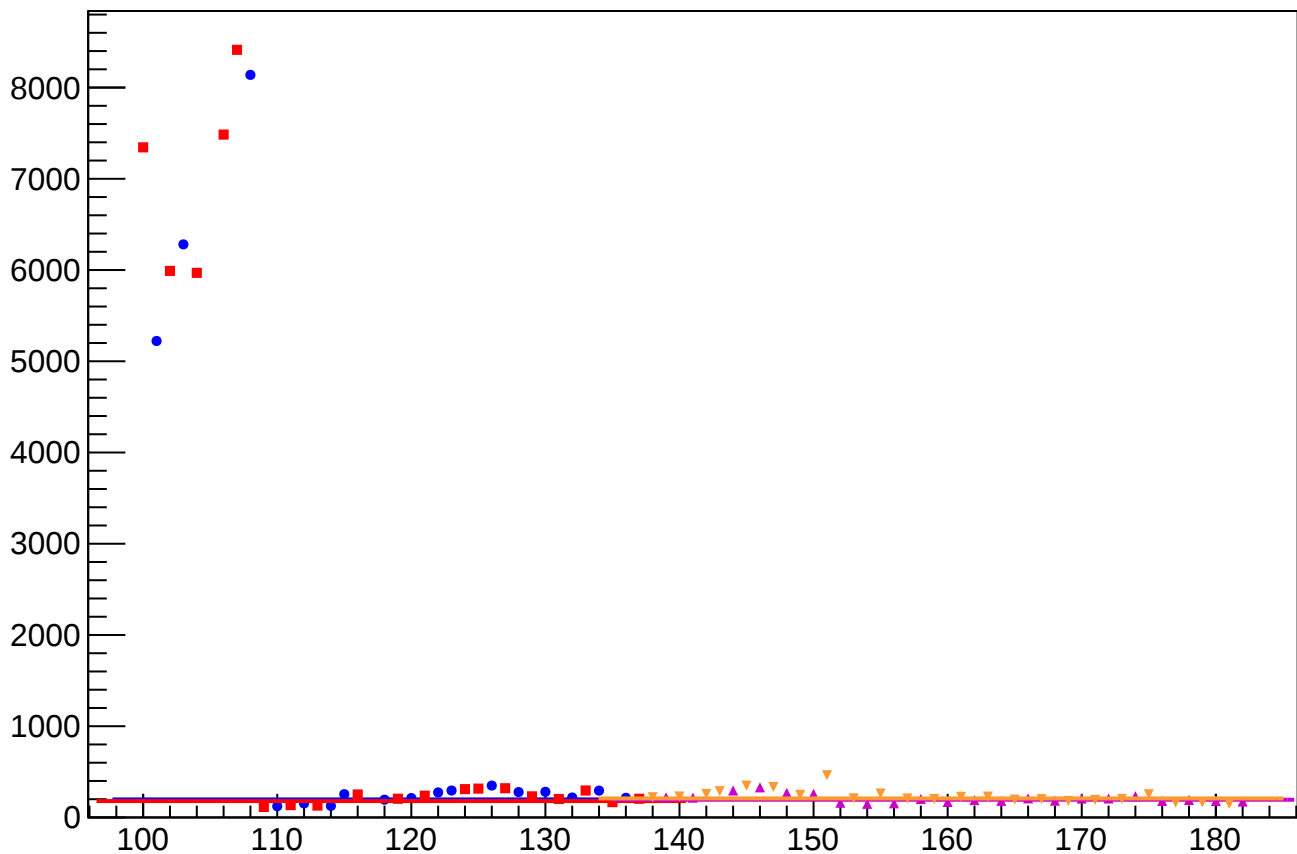
Left In: -30.148+/-48.597 χ^2/NDF : 9.5/21

+ sign -18.832+/-45.168 χ^2/NDF : 21.8/39

All: -25.944+/-30.811 χ^2/NDF : 45.5/80

- sign -32.133+/-42.137 χ^2/NDF : 23.6/40

asym_cav4cQ_rms vs Slug



Right In: 197.646+/-0.065 χ^2/NDF : 3699445.6/16

Left Out: 208.647+/-0.037 χ^2/NDF :1813005.5/22

Right Out: 179.782+/-0.060 χ^2/NDF : 4315815.4/18

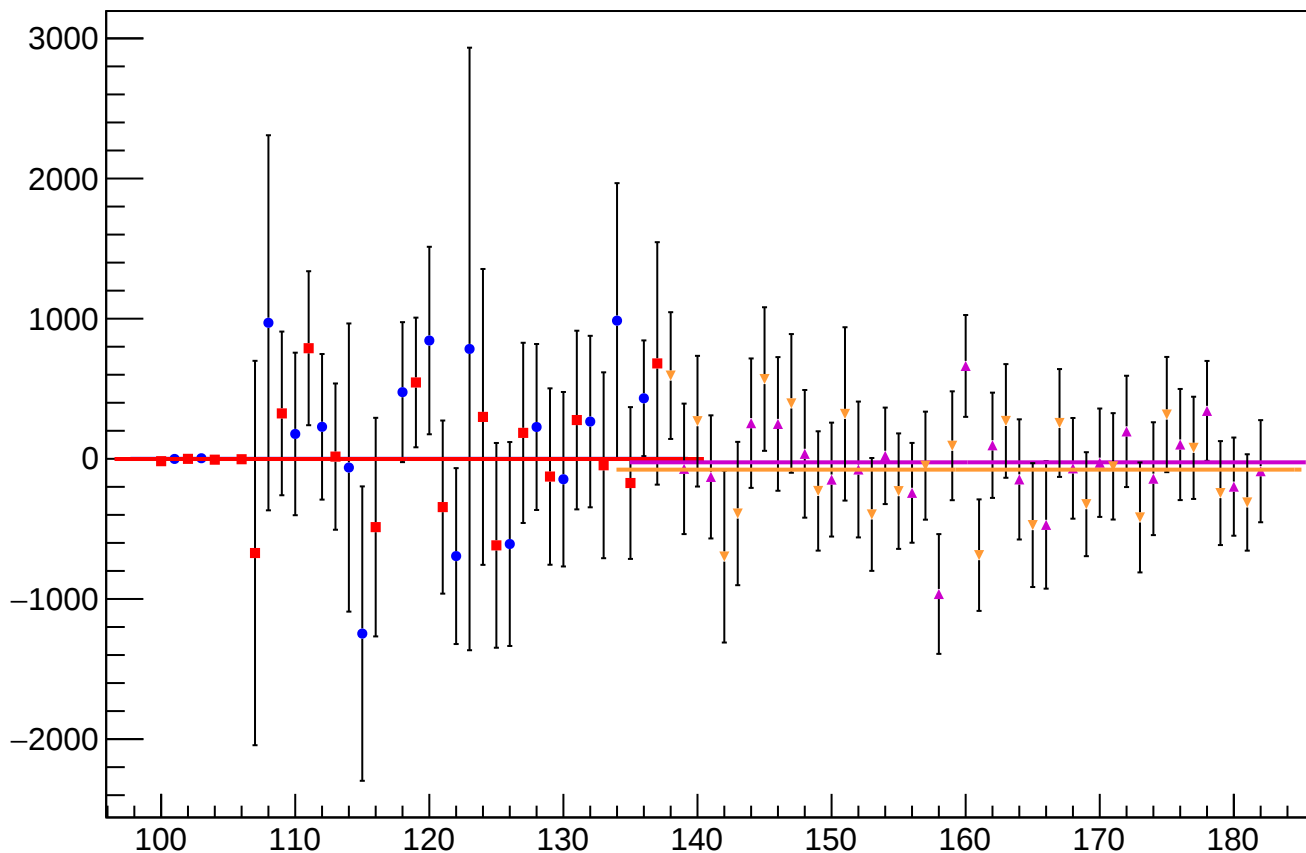
Left In: 194.270+/-0.034 χ^2/NDF :1163832.5/21

+ sign 205.997+/-0.032 χ^2/NDF : 5534148.8/39

All: 197.804+/-0.022 χ^2/NDF : 11180992.5/80

- sign 190.674+/-0.030 χ^2/NDF : 5523769.1/40

asym_cav4dQ_mean vs Slug



Right In: -0.141 ± 1.737 χ^2/NDF : 10.1/16

Left Out: -77.149 ± 87.188 χ^2/NDF : 15.8/22

Right Out: -1.323 ± 1.623 χ^2/NDF : 9.3/18

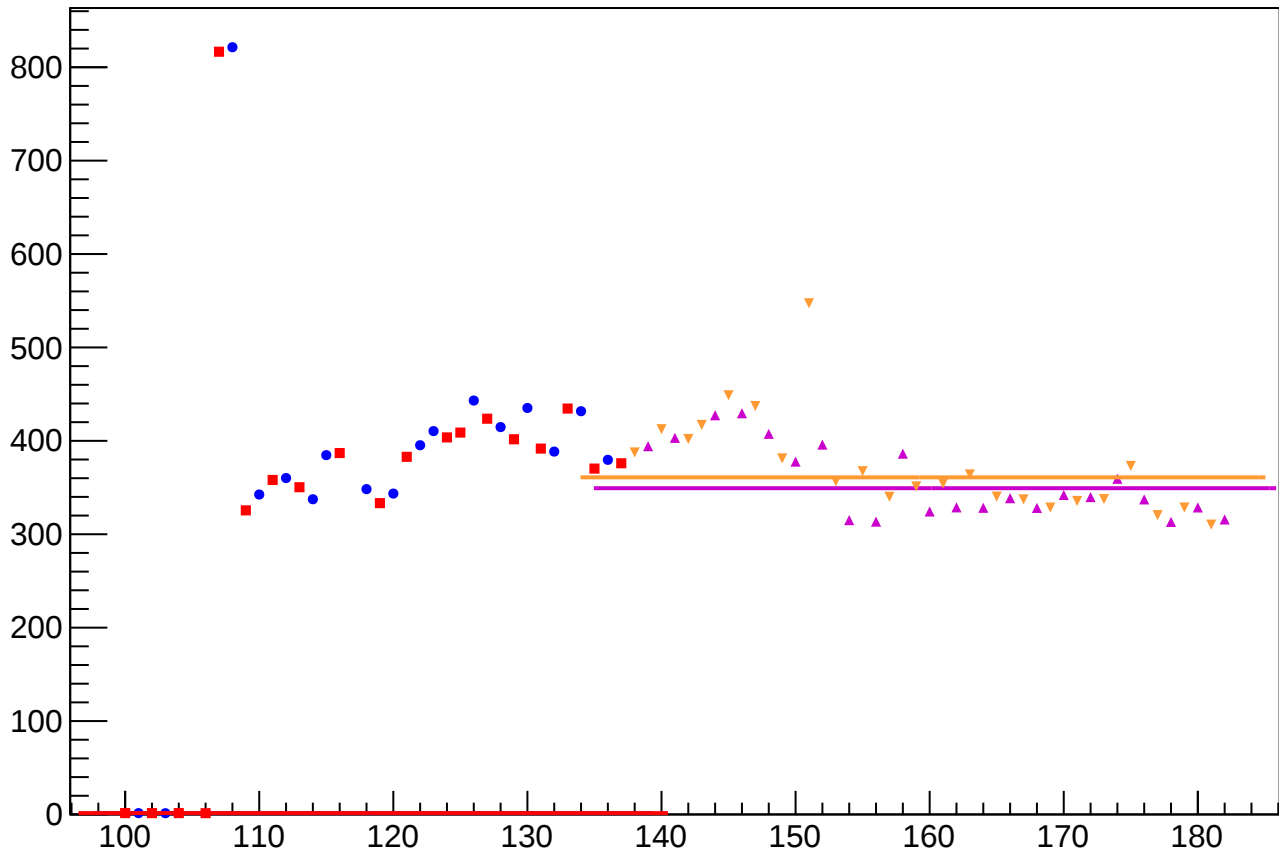
Left In: -24.962 ± 85.247 χ^2/NDF : 12.7/21

+ sign -0.171 ± 1.736 χ^2/NDF : 26.7/39

All: -0.791 ± 1.185 χ^2/NDF : 48.9/80

- sign -1.331 ± 1.622 χ^2/NDF : 22.0/40

asym_cav4dQ_rms vs Slug



Right In: 1.452 $\pm$ 0.001 χ^2 /NDF: 10771707.1/16

Left Out: 360.926 $\pm$ 0.062 χ^2 /NDF: 493449.3/22

Right Out: 1.451 $\pm$ 0.001 χ^2 /NDF: 10831648.9/18

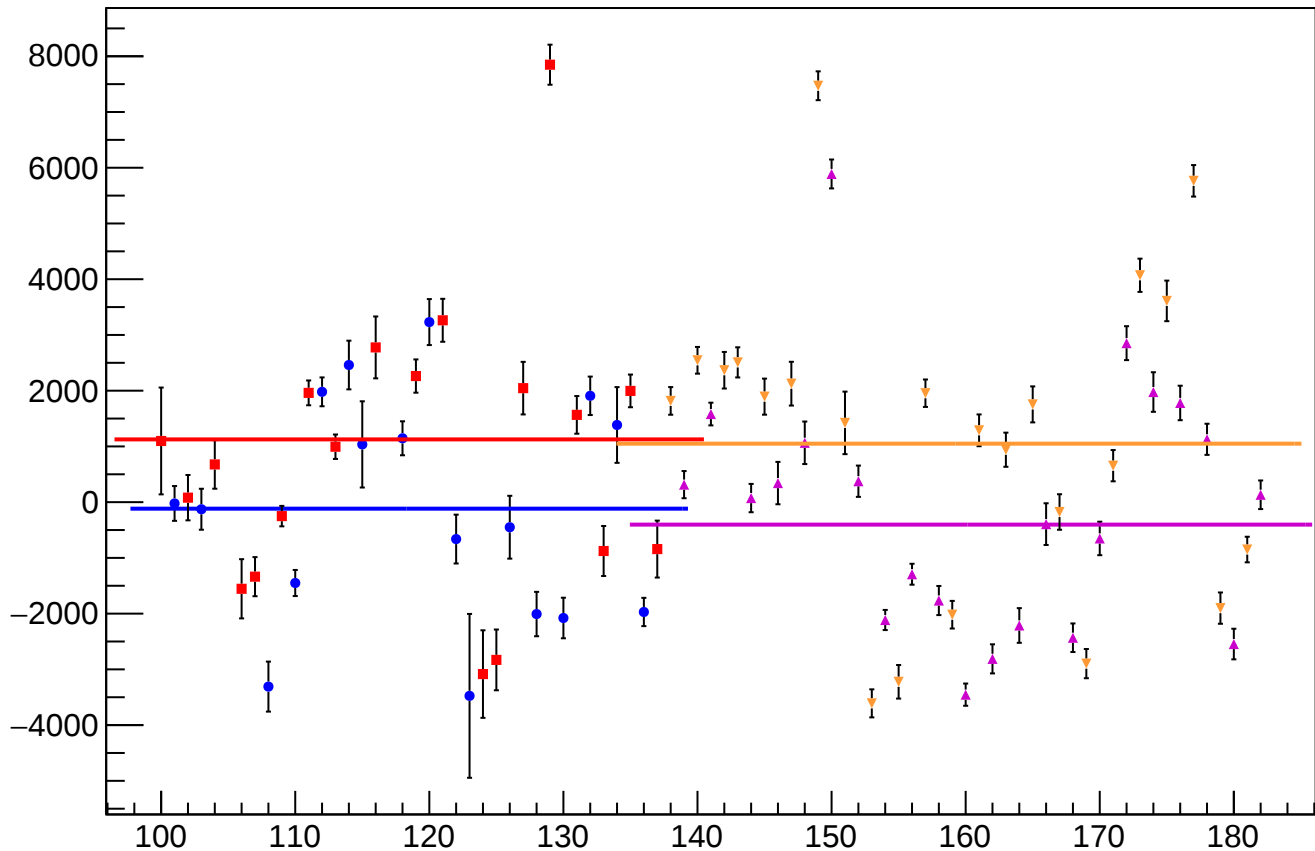
Left In: 349.304 $\pm$ 0.060 χ^2 /NDF: 355957.5/21

+ sign 1.595 $\pm$ 0.001 χ^2 /NDF: 45249752.5/39

All: 1.585 $\pm$ 0.001 χ^2 /NDF: 89726800.8/80

- sign 1.577 $\pm$ 0.001 χ^2 /NDF: 44476937.8/40

asym_bcm0l02_mean vs Slug



Right In: -116.817+/-88.319 χ^2/NDF : 420.4/16

Left Out: 1049.350+/-59.440 χ^2/NDF : 2294.3/22

Right Out: 1126.157+/-78.463 χ^2/NDF : 687.7/18

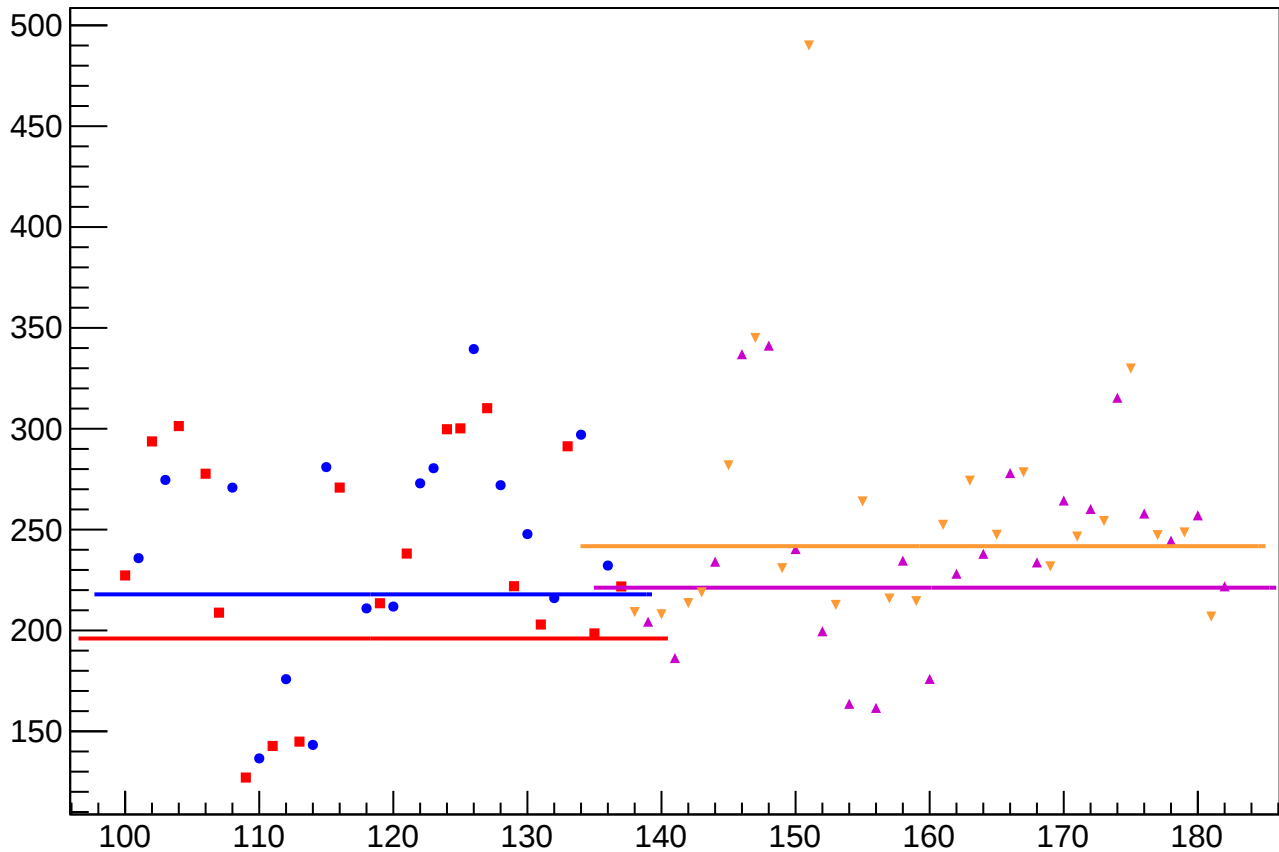
Left In: -402.981+/-55.417 χ^2/NDF : 1581.9/21

+ sign 685.801+/-49.312 χ^2/NDF : 2834.7/39

All: 371.101+/-33.346 χ^2/NDF : 5432.8/80

- sign 105.937+/-45.265 χ^2/NDF : 2523.0/40

asym_bcm0l02_rms vs Slug



Right In: 217.896 $\pm$ 0.062 χ^2 /NDF: 661999.5/16

Left Out: 241.785 $\pm$ 0.042 χ^2 /NDF: 976355.4/22

Right Out: 196.020 $\pm$ 0.055 χ^2 /NDF: 1189250.9/18

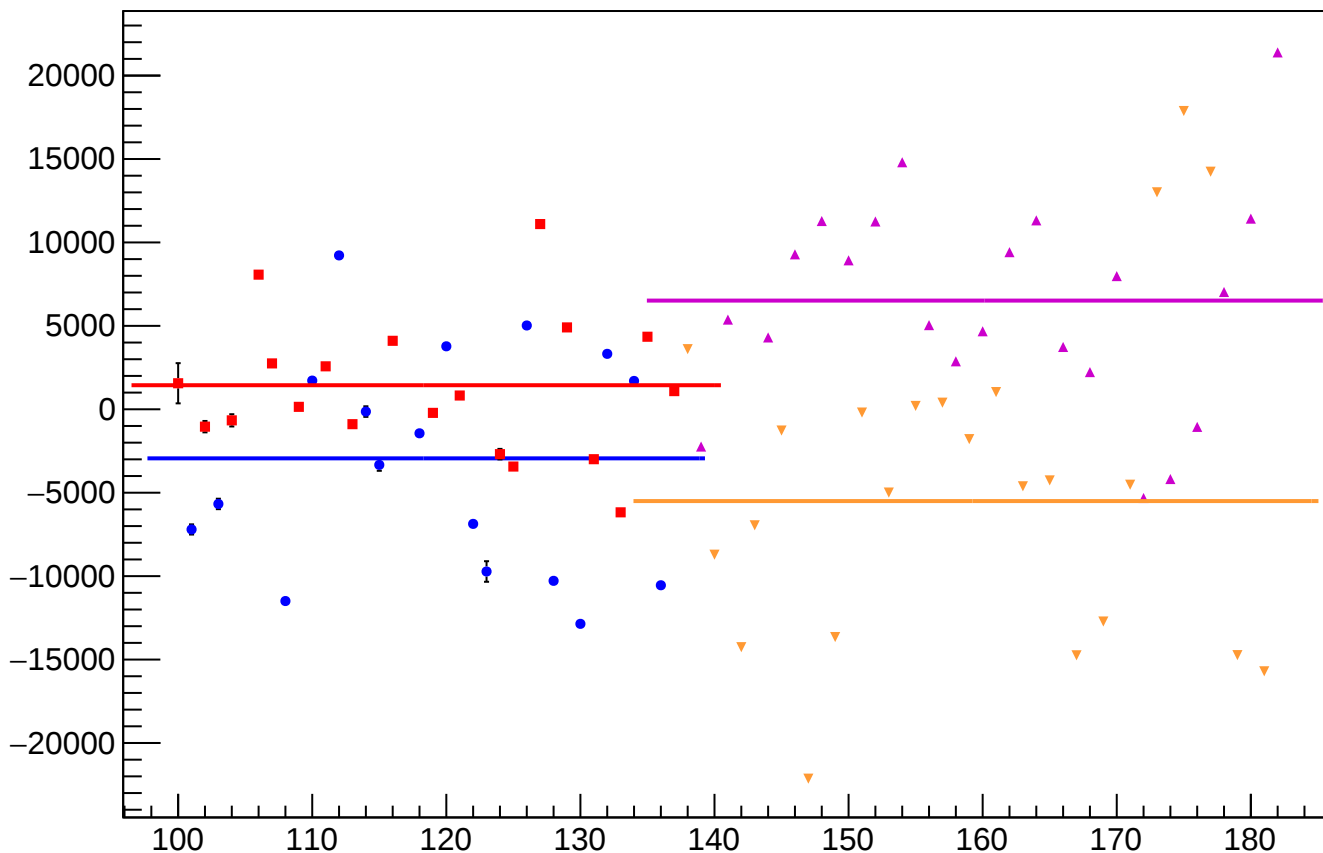
Left In: 221.208 $\pm$ 0.039 χ^2 /NDF: 1342470.5/21

+ sign 234.337 $\pm$ 0.035 χ^2 /NDF: 1739062.2/39

All: 222.663 $\pm$ 0.024 χ^2 /NDF: 4614859.4/80

- sign 212.825 $\pm$ 0.032 χ^2 /NDF: 2669233.2/40

asym_bpm2i01WS_mean vs Slug



Right In: -2940.841 ± 48.696 χ^2/NDF : 20909.3/16

Left Out: -5501.042 ± 36.343 χ^2/NDF : 60145.5/22

Right Out: 1442.426 ± 46.381 χ^2/NDF : 8011.4/18

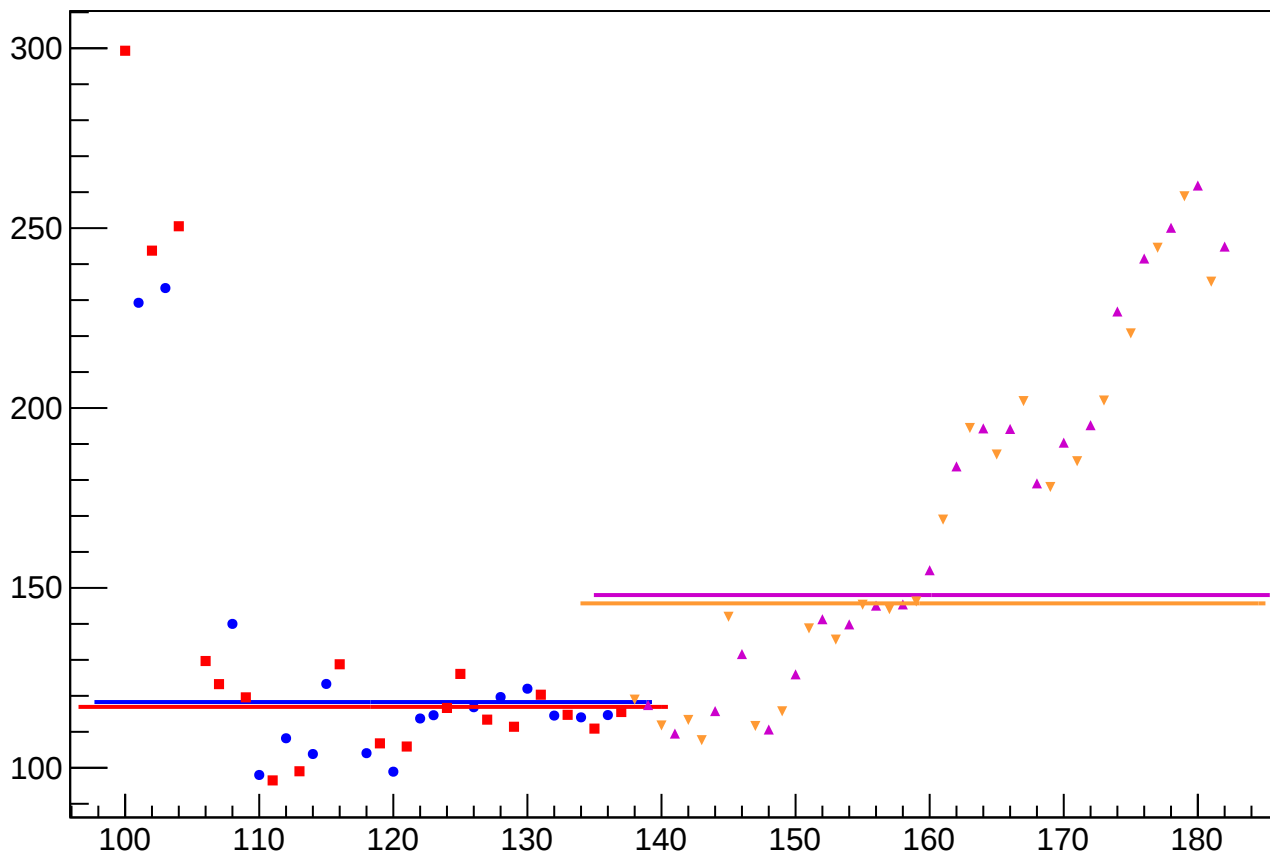
Left In: 6514.745 ± 37.277 χ^2/NDF : 20248.1/21

+ sign -4585.164 ± 29.126 χ^2/NDF : 82830.1/39

All: -19.500 ± 20.570 χ^2/NDF : 167382.5/80

- sign 4524.154 ± 29.056 χ^2/NDF : 35525.8/40

asym_bpm2i01WS_rms vs Slug



Right In: 118.278 $\pm$ 0.034 χ^2 /NDF: 637027.4/16

Left Out: 145.703 $\pm$ 0.026 χ^2 /NDF: 2217763.8/22

Right Out: 116.929 $\pm$ 0.033 χ^2 /NDF: 689591.4/18

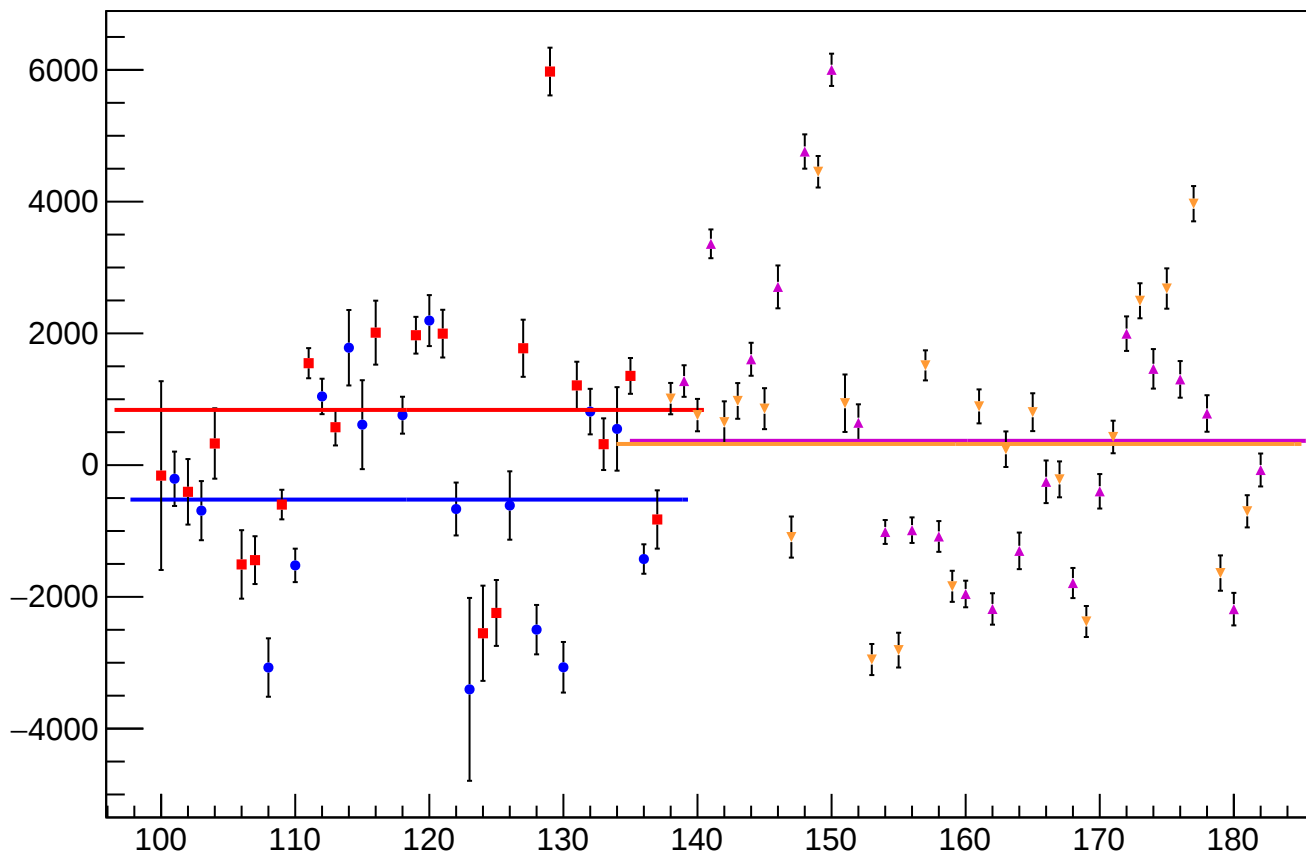
Left In: 148.015 $\pm$ 0.026 χ^2 /NDF: 2324839.2/21

+ sign 135.892 $\pm$ 0.021 χ^2 /NDF: 3262218.0/39

All: 135.854 $\pm$ 0.015 χ^2 /NDF: 6822485.3/80

- sign 135.816 $\pm$ 0.021 χ^2 /NDF: 3560260.3/40

asym_bpm0i07WS_mean vs Slug



Right In: -523.148 ± 89.404 χ^2/NDF : 282.6/16

Left Out: 321.316 ± 55.159 χ^2/NDF : 1312.0/22

Right Out: 837.989 ± 82.263 χ^2/NDF : 437.6/18

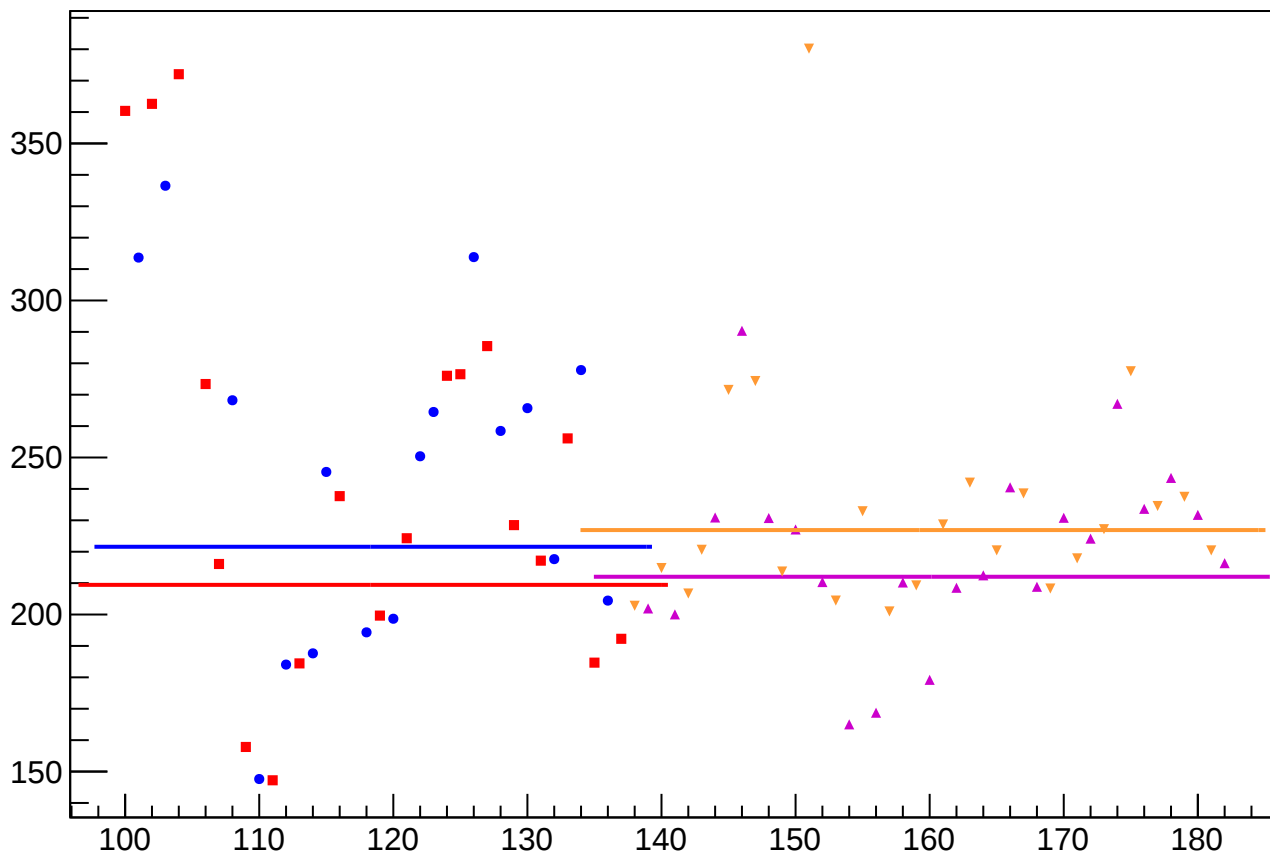
Left In: 368.780 ± 52.302 χ^2/NDF : 1797.5/21

+ sign 88.494 ± 46.944 χ^2/NDF : 1659.2/39

All: 308.962 ± 32.156 χ^2/NDF : 3959.1/80

- sign 503.848 ± 44.136 χ^2/NDF : 2258.3/40

asym_bpm0i07WS_rms vs Slug



Right In: 221.577 $\pm$ 0.063 χ^2 /NDF: 645771.3/16

Left Out: 226.892 $\pm$ 0.039 χ^2 /NDF: 517983.9/22

Right Out: 209.447 $\pm$ 0.058 χ^2 /NDF: 879299.7/18

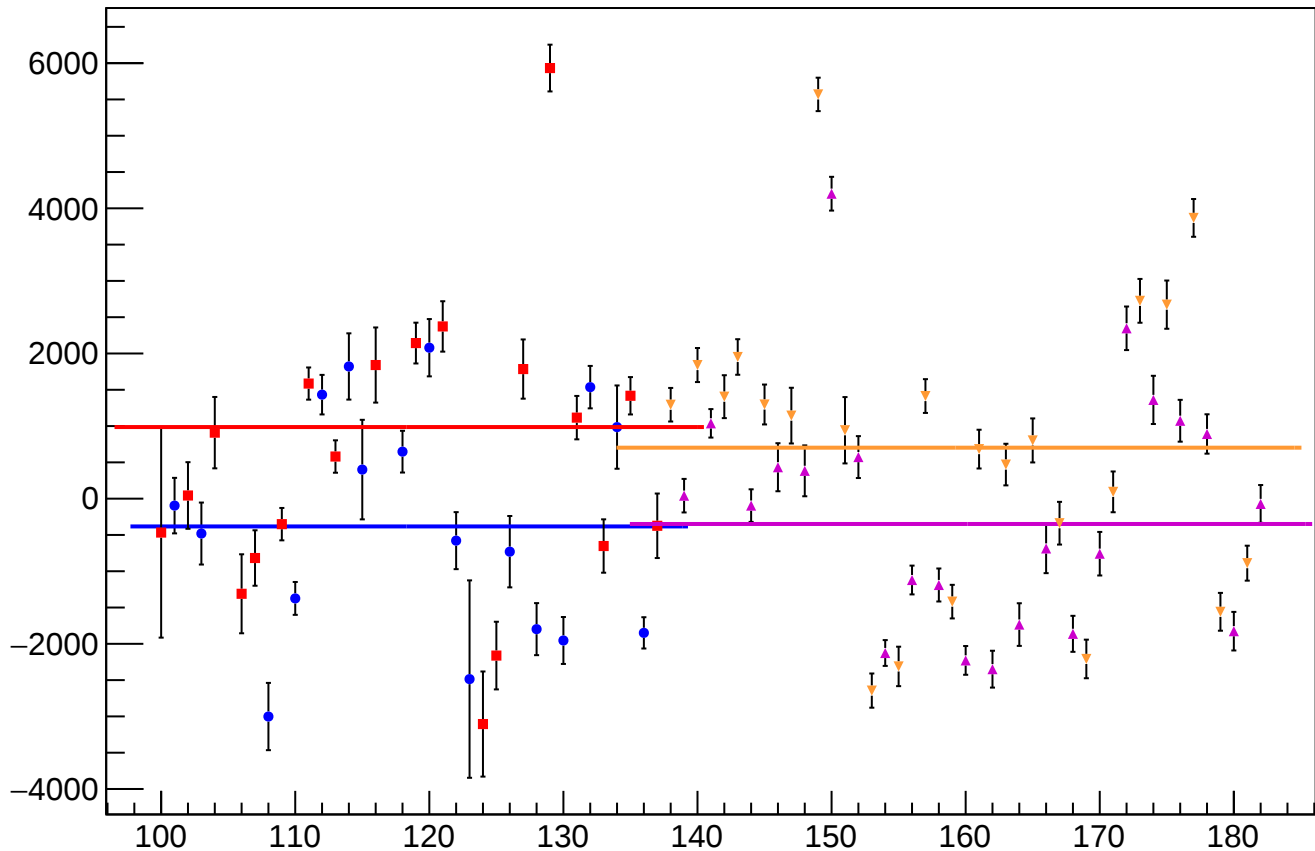
Left In: 212.028 $\pm$ 0.037 χ^2 /NDF: 591053.1/21

+ sign 225.426 $\pm$ 0.033 χ^2 /NDF: 1168873.6/39

All: 217.920 $\pm$ 0.023 χ^2 /NDF: 2736966.7/80

- sign 211.285 $\pm$ 0.031 χ^2 /NDF: 1471754.4/40

asym_bpm0l01WS_mean vs Slug



Right In: -382.695 ± 84.465 χ^2/NDF : 309.9/16

Left Out: 702.281 ± 55.941 χ^2/NDF : 1417.5/22

Right Out: 986.495 ± 77.694 χ^2/NDF : 476.9/18

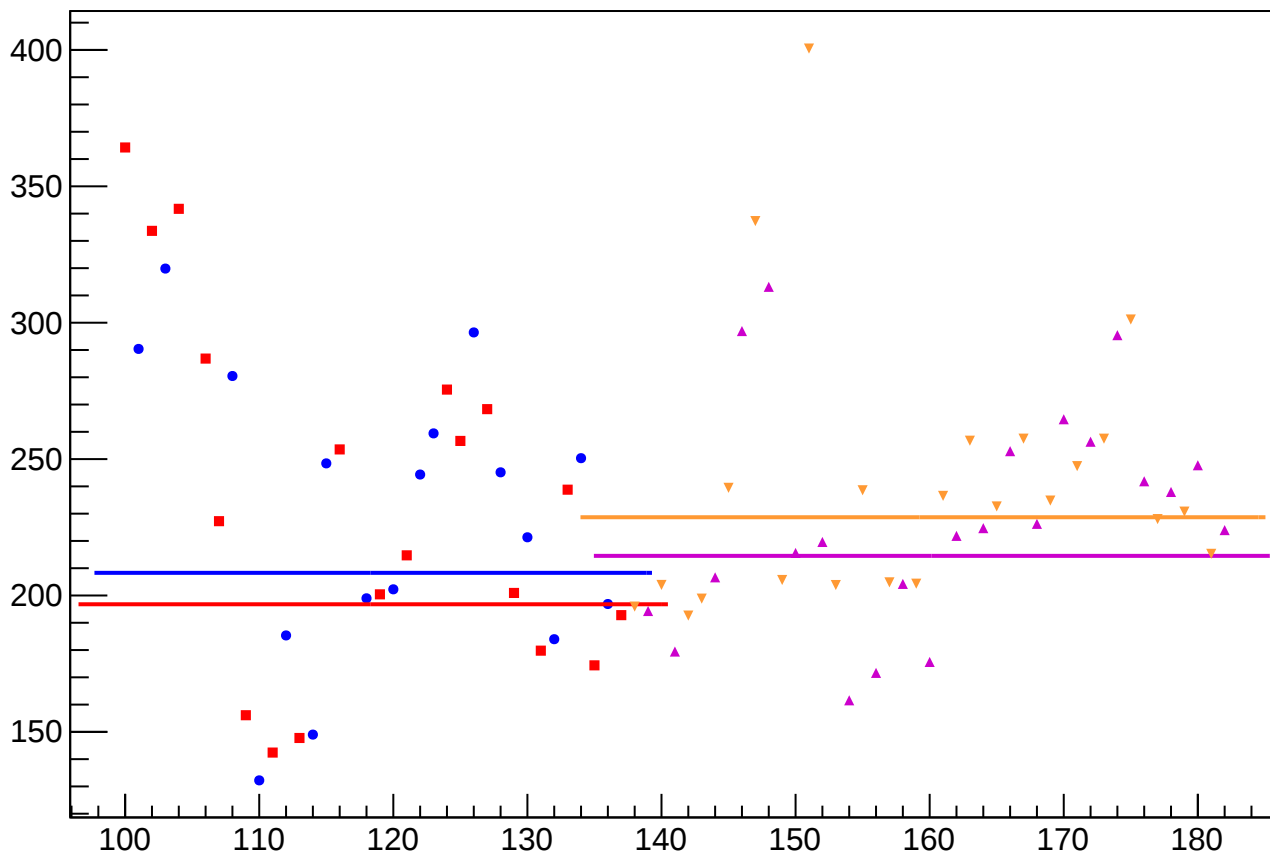
Left In: -348.913 ± 53.299 χ^2/NDF : 984.5/21

+ sign 371.478 ± 46.640 χ^2/NDF : 1842.1/39

All: 216.267 ± 31.986 χ^2/NDF : 3525.3/80

- sign 78.433 ± 43.951 χ^2/NDF : 1662.3/40

asym_bpm0l01WS_rms vs Slug



Right In: 208.304+/-0.060 χ^2/NDF : 698771.8/16

Left Out: 228.685+/-0.040 χ^2/NDF : 825933.7/22

Right Out: 196.782+/-0.055 χ^2/NDF : 925153.1/18

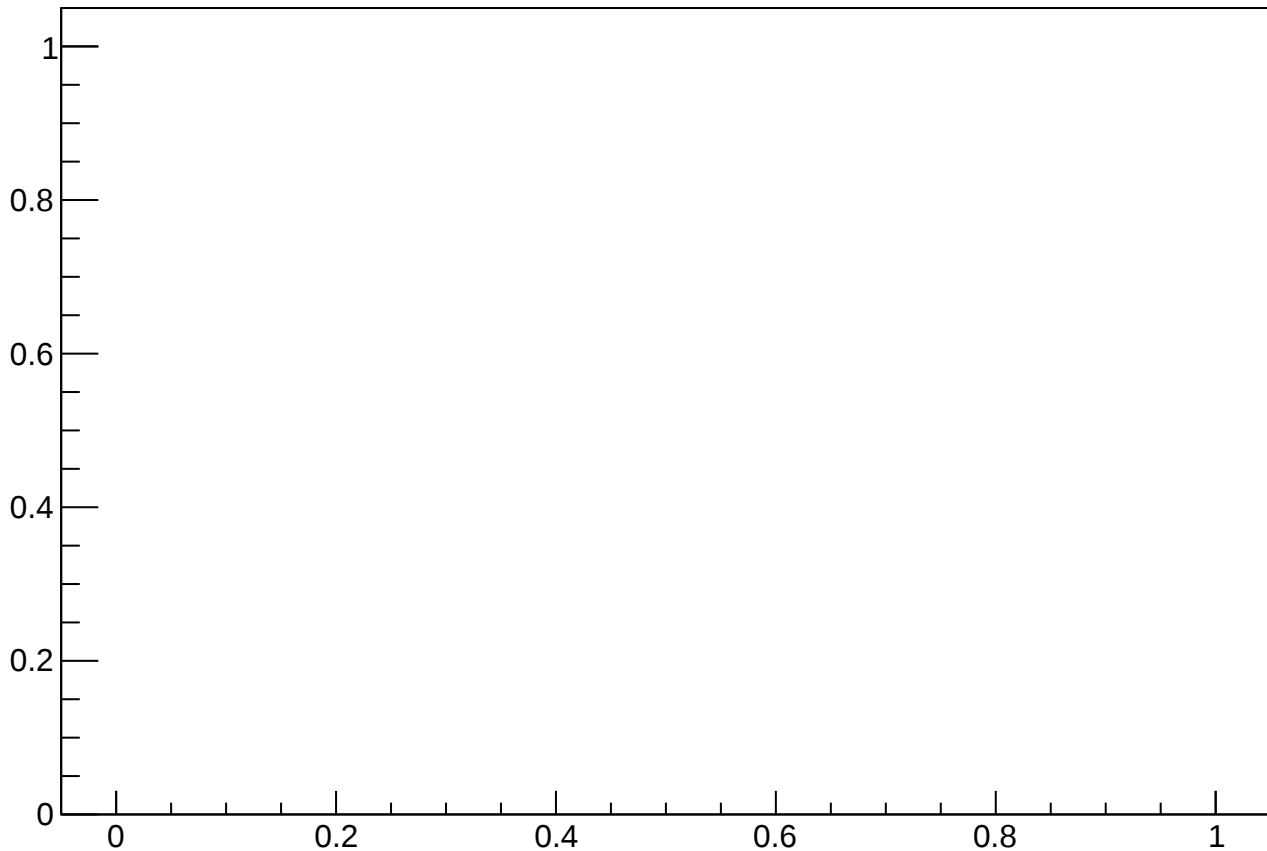
Left In: 214.529+/-0.038 χ^2/NDF : 1030854.5/21

+ sign 222.471+/-0.033 χ^2/NDF : 1605652.5/39

All: 215.257+/-0.023 χ^2/NDF : 3722977.8/80

- sign 208.850+/-0.031 χ^2/NDF : 2026967.4/40

bcm_an_us_ds_dd_mean vs Slug



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

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

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

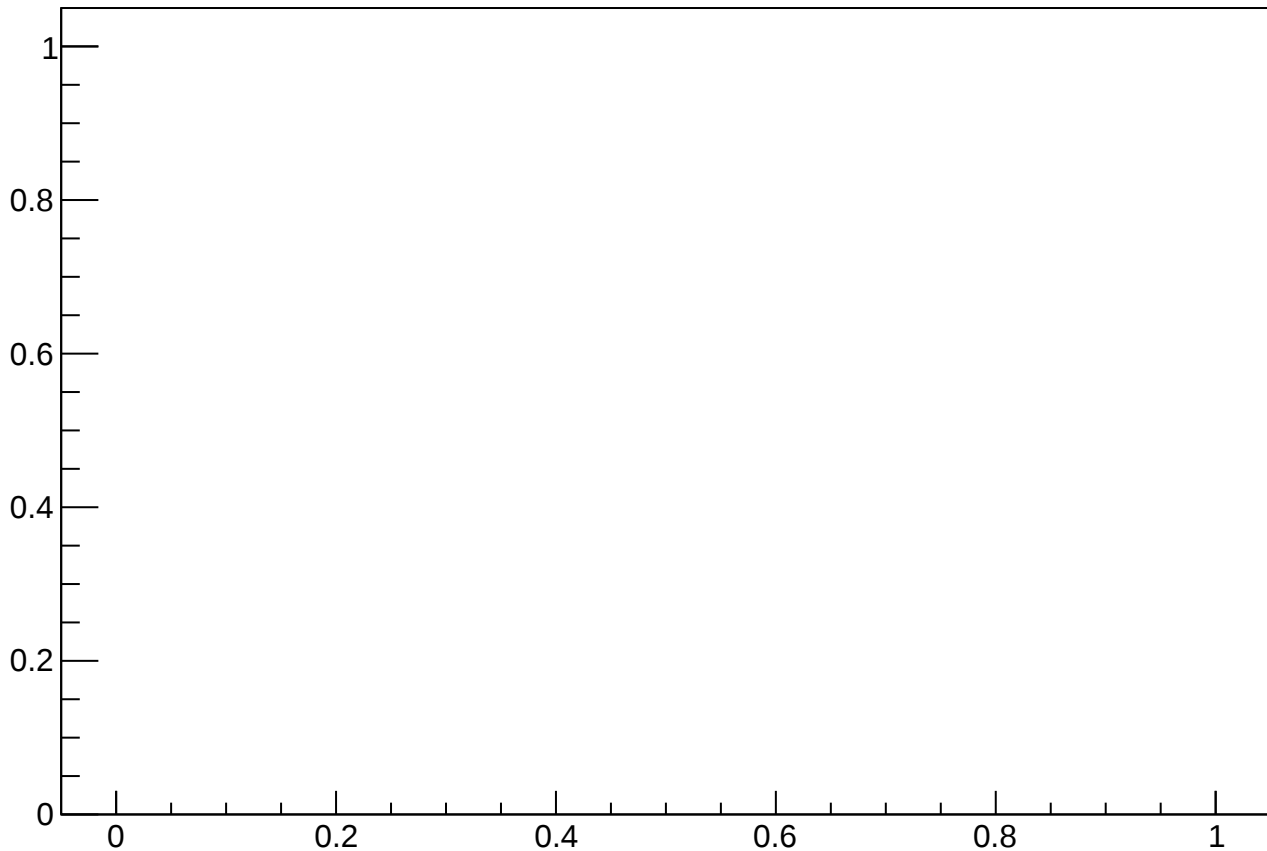
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

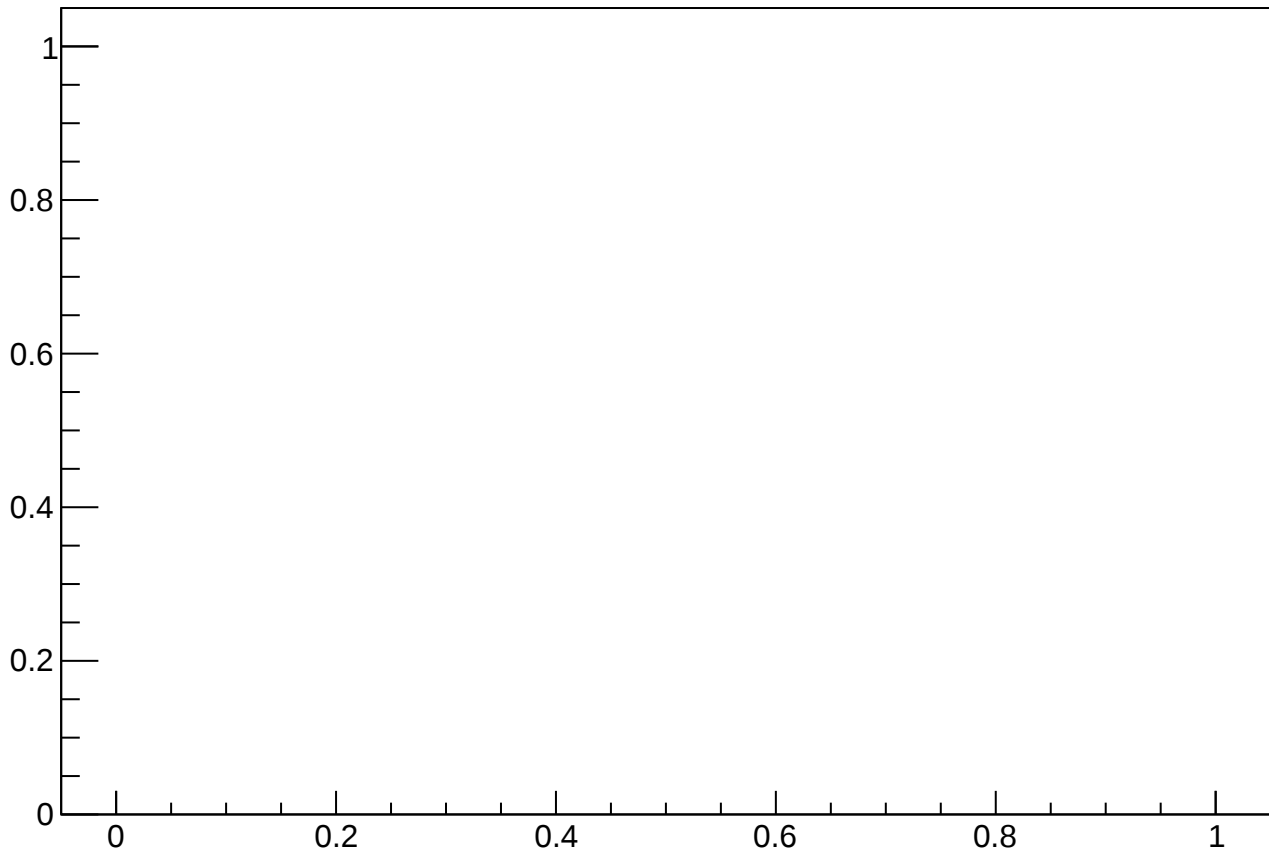
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_dg_ds_dd_mean vs Slug



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

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

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

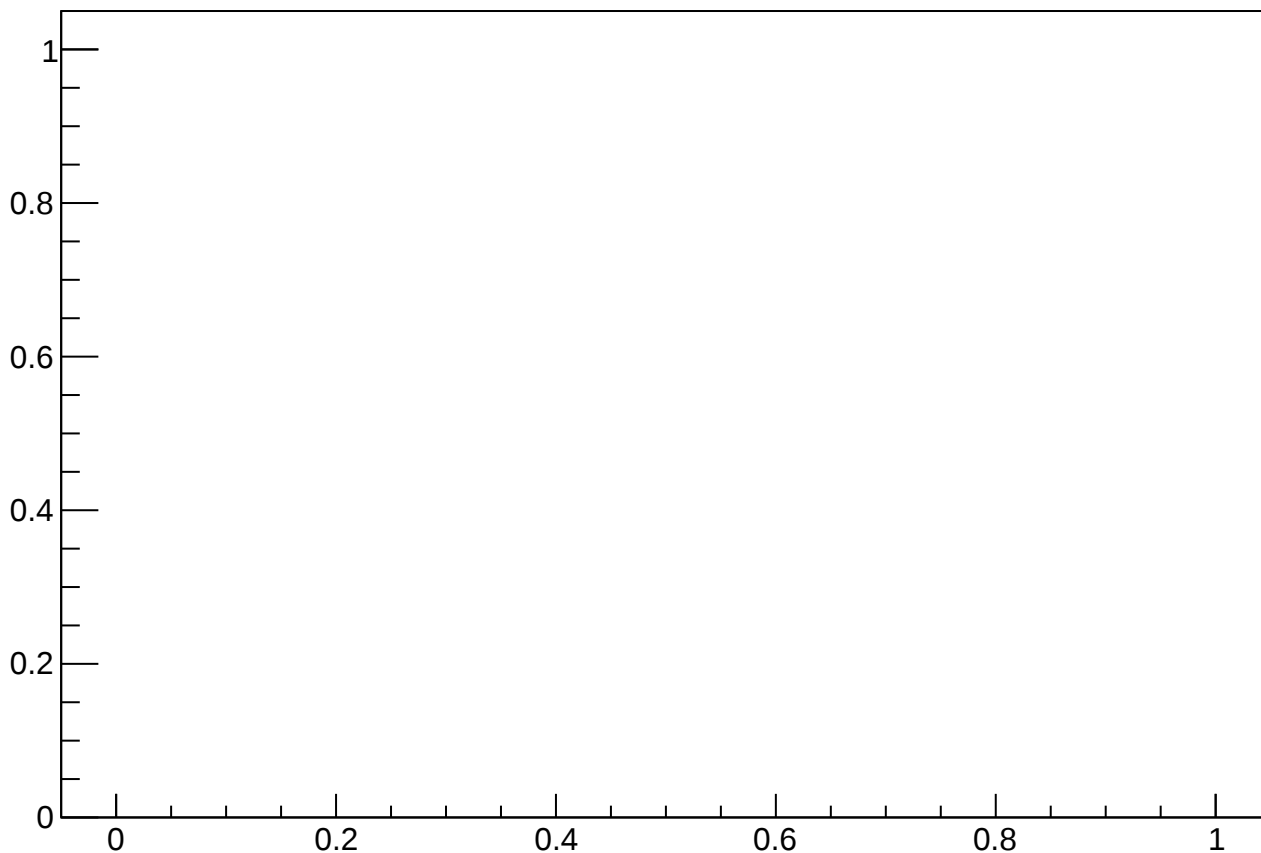
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_dg_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

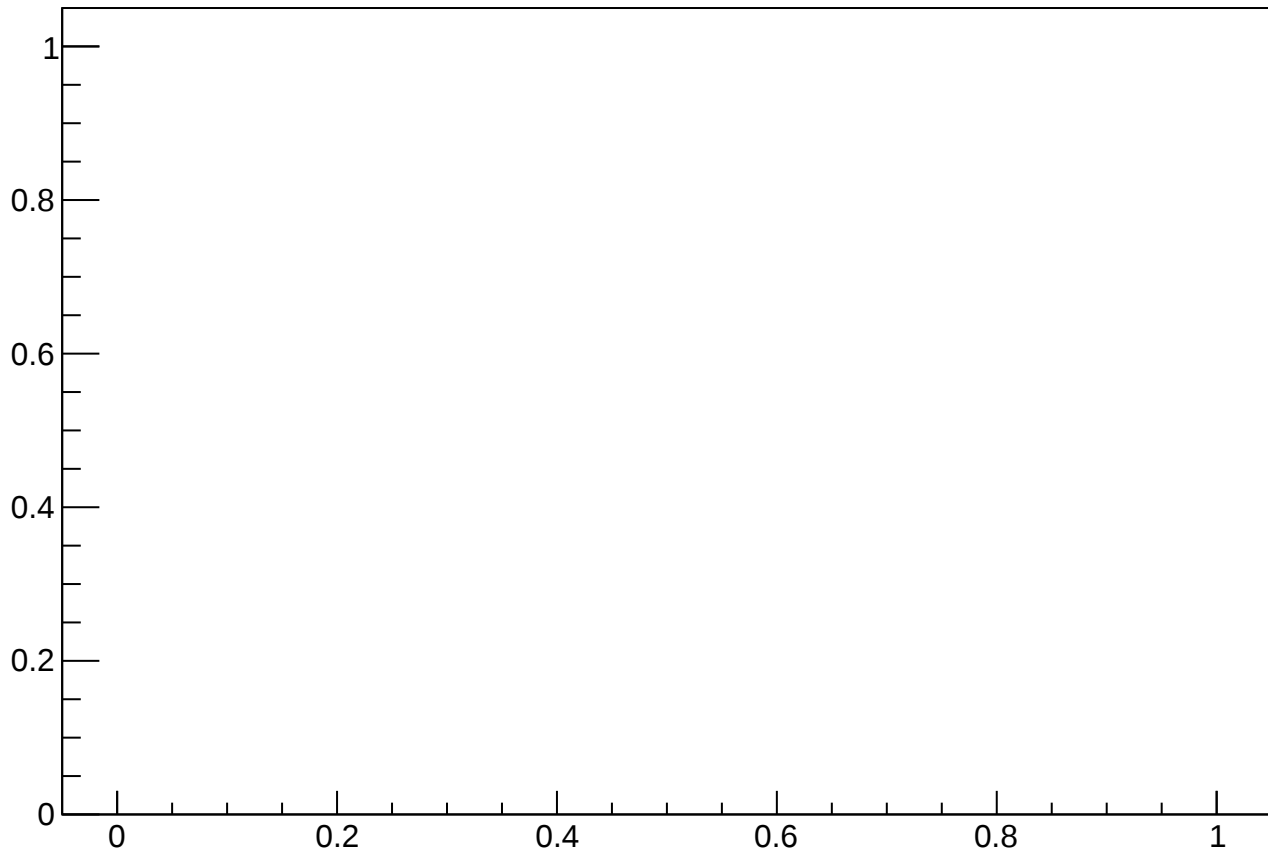
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_us_ds_dd_mean vs Slug



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

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

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

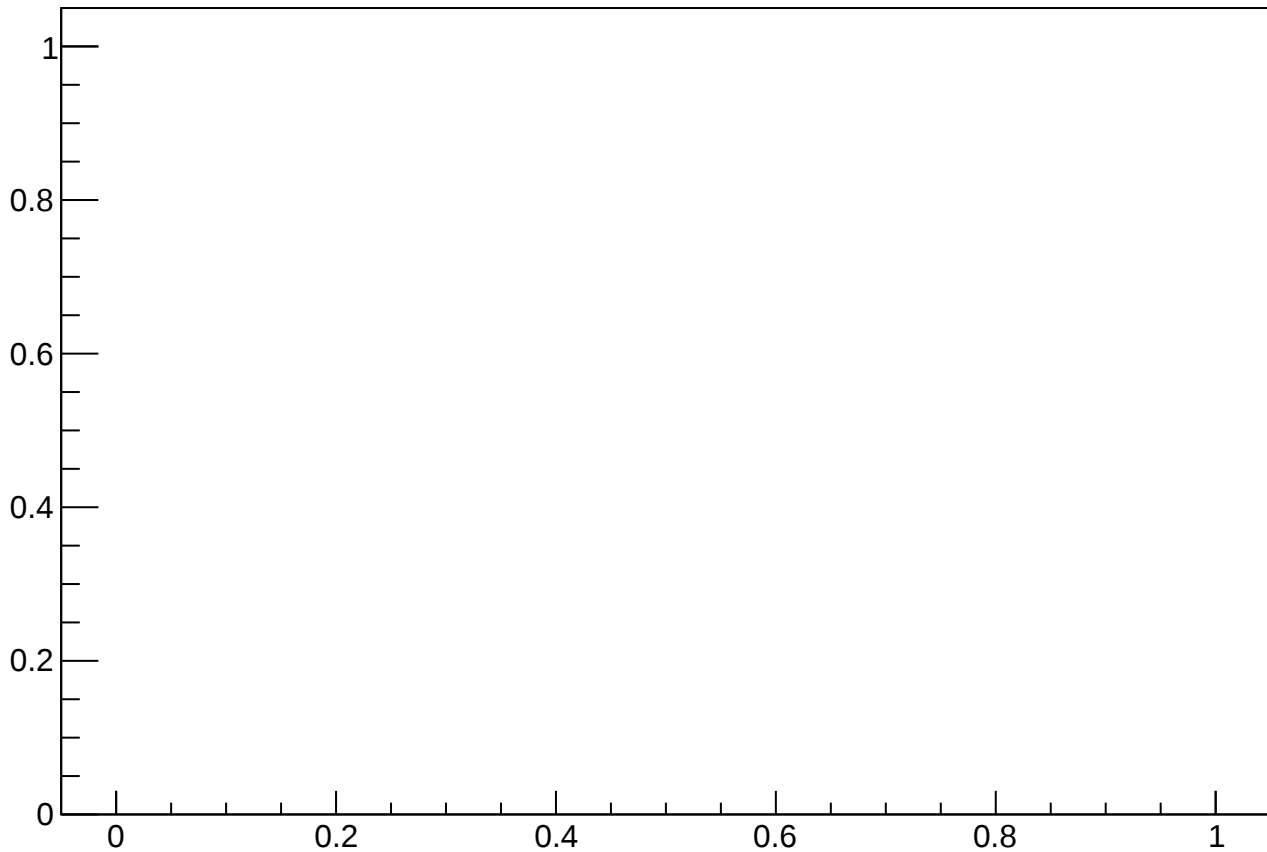
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

bcm_dg_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

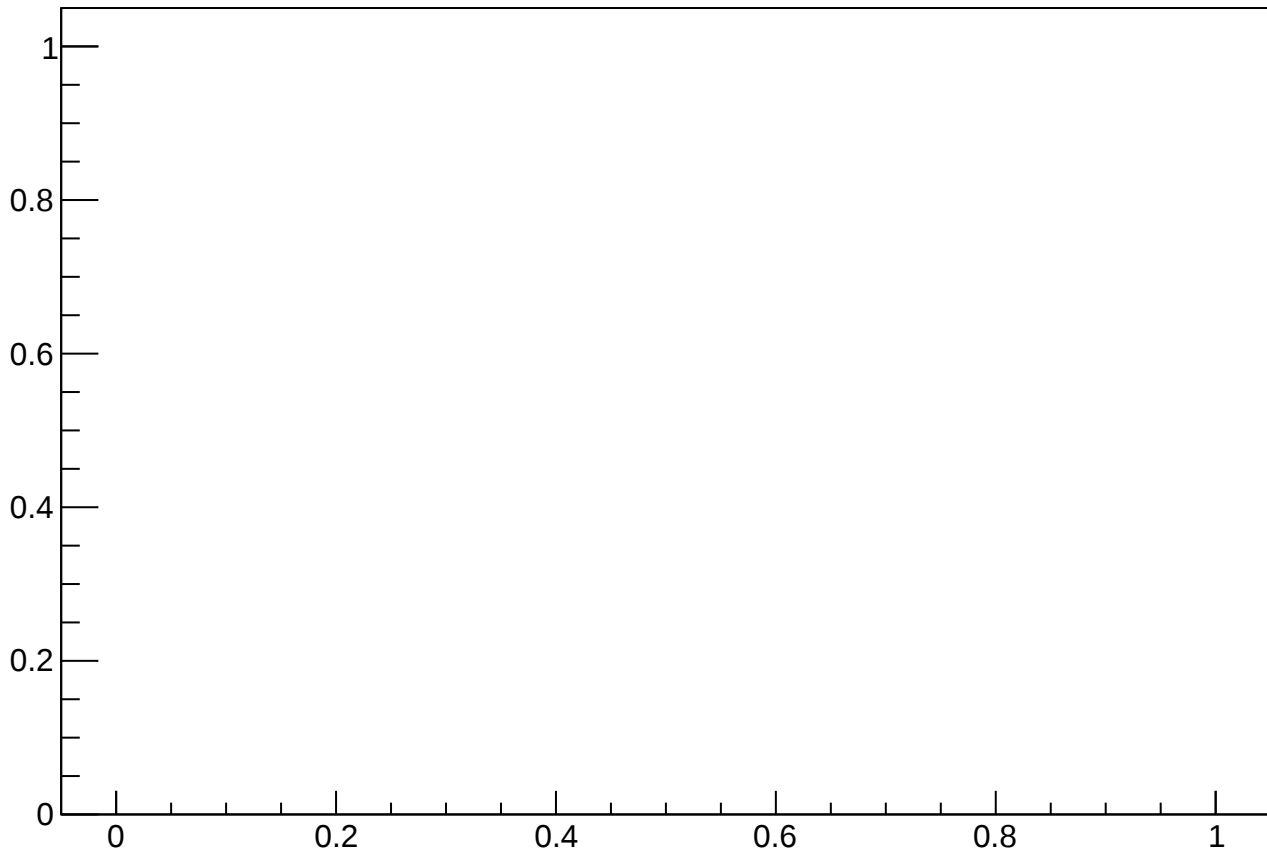
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

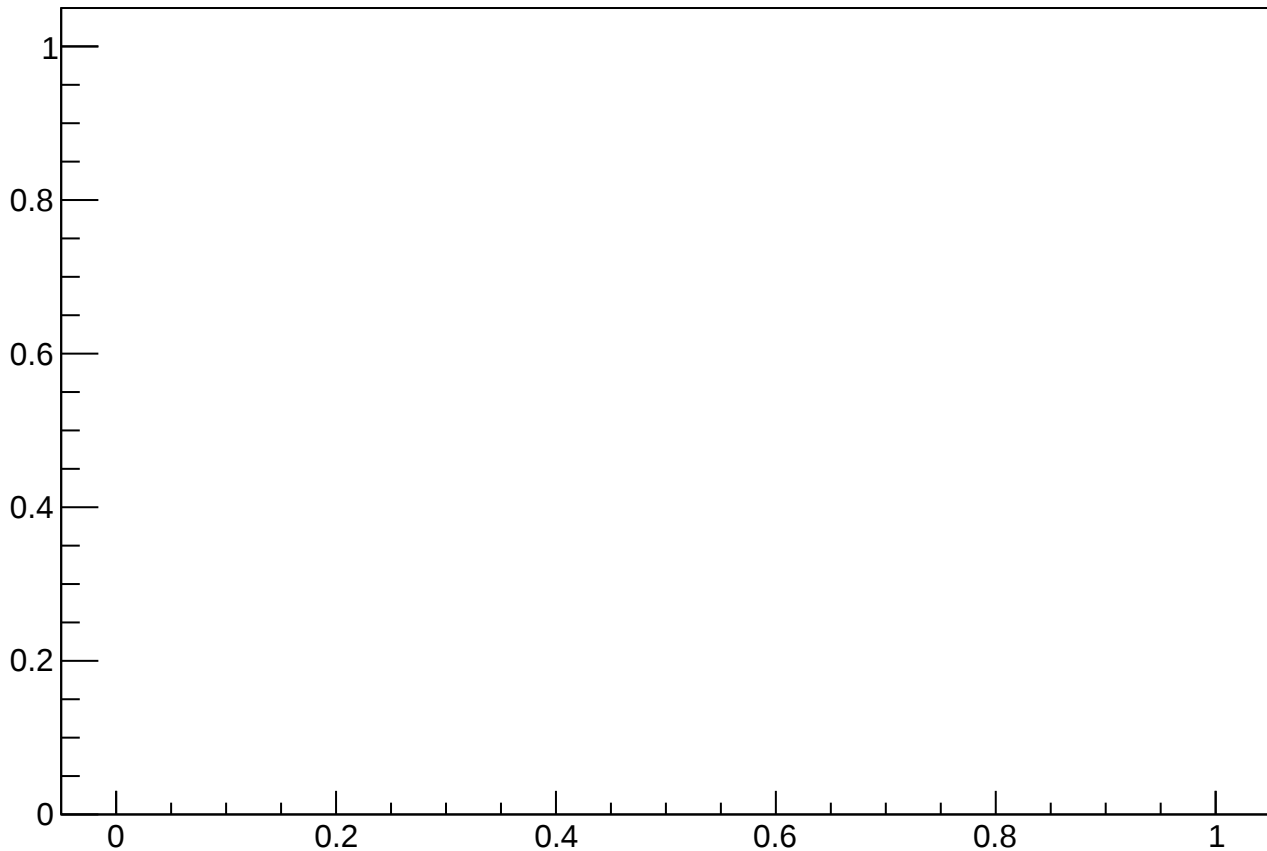
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_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

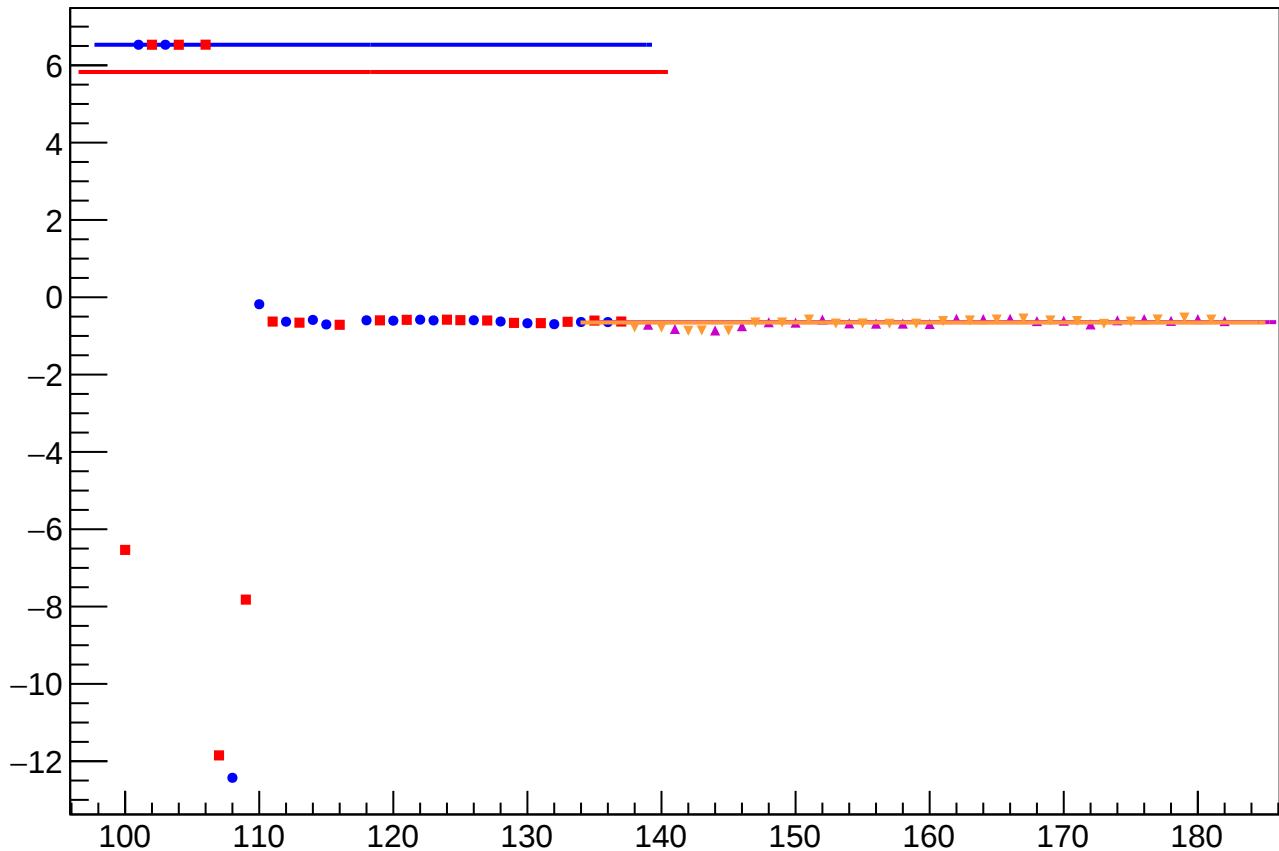
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127601781164.3/16

Left Out: -0.652 $\pm$ 0.000 χ^2 /NDF: 170936107.6/22

+ sign 6.530 $\pm$ 0.000 χ^2 /NDF: 971355702517.1/39

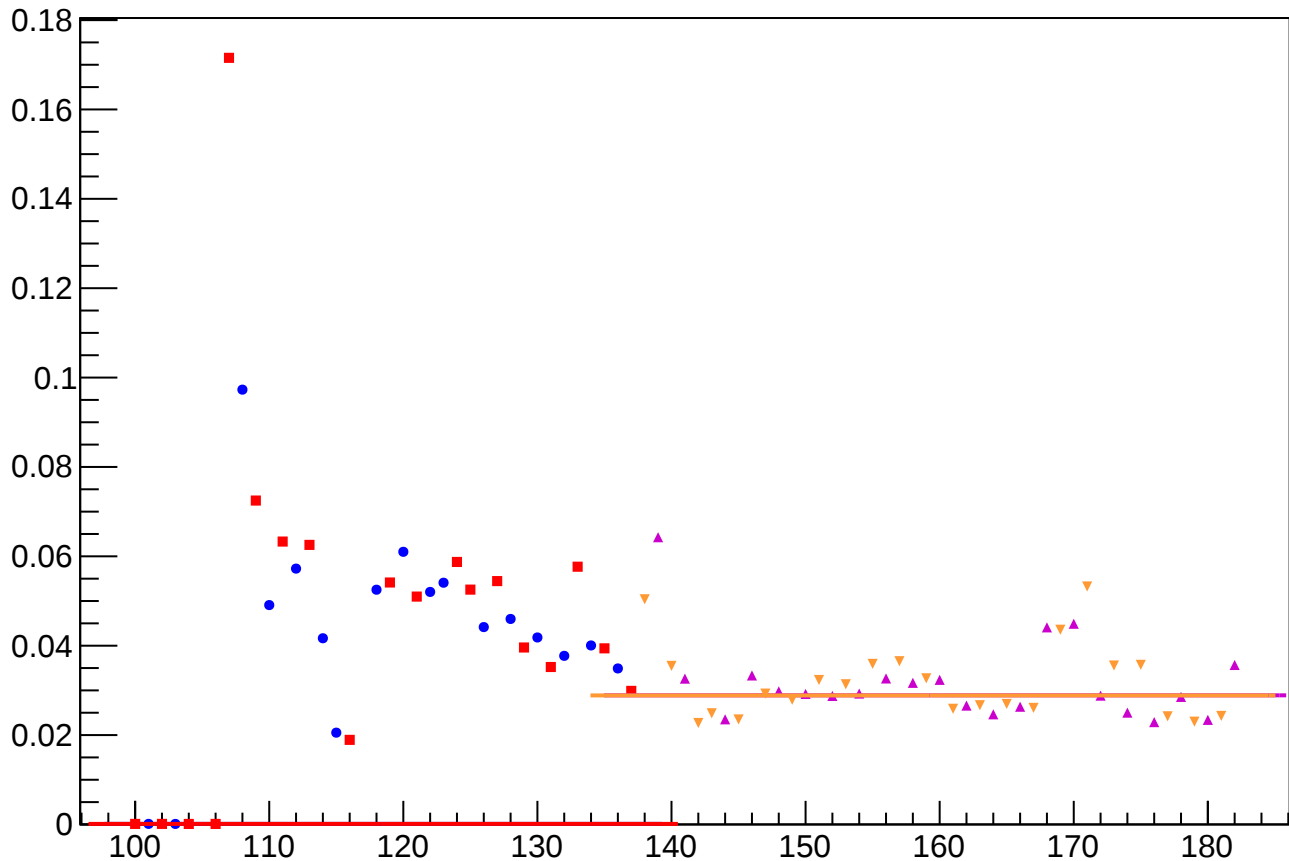
Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755961890470183.5/18

All: 6.153 $\pm$ 0.000 χ^2 /NDF: 7775925109283

Left In: -0.643 $\pm$ 0.000 χ^2 /NDF: 123634798.0/21

- sign 5.826 $\pm$ 0.000 χ^2 /NDF: 756633704866062.9/18

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8848188.8/16

Left Out: 0.029+/-0.000 χ^2/NDF :1296111.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 9323542.7/18

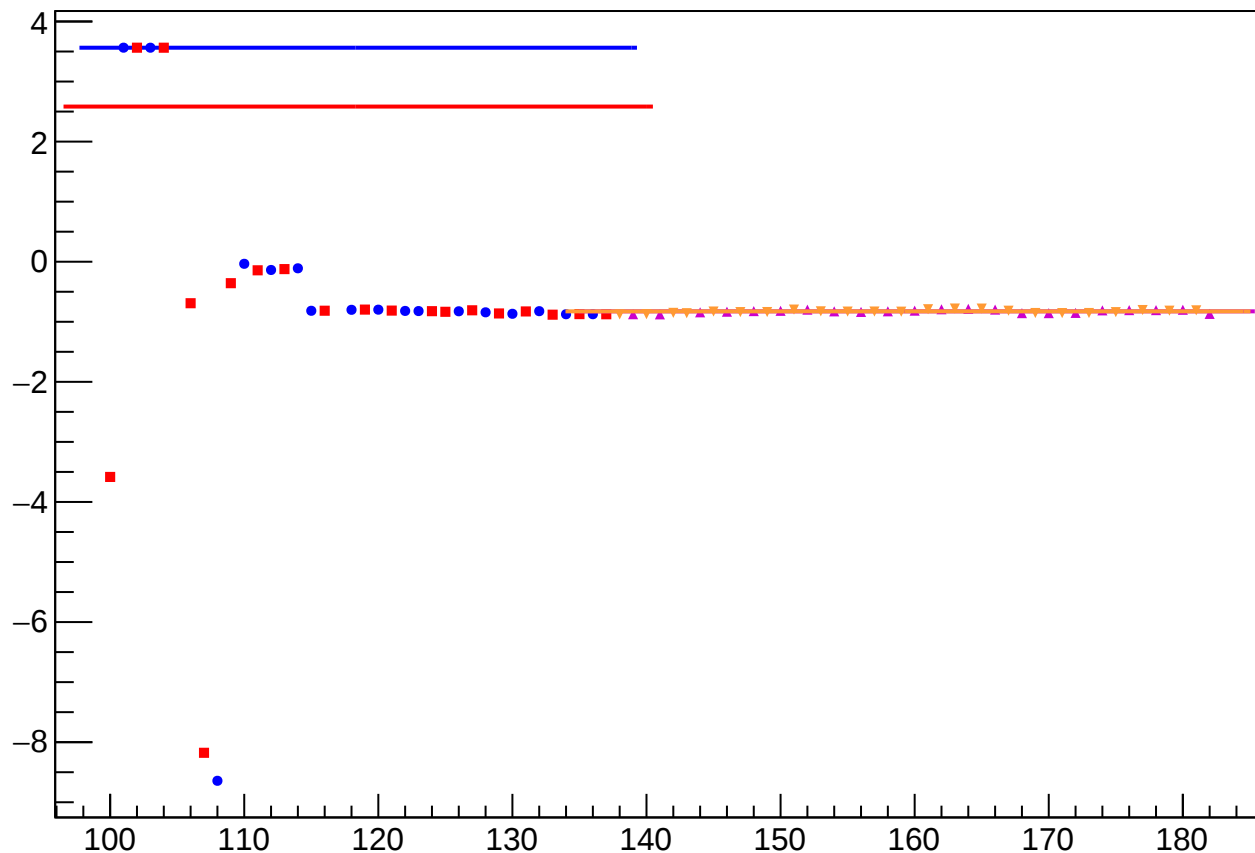
Left In: 0.029+/-0.000 χ^2/NDF :1185212.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 37166451.2/39

All: 0.000+/-0.000 χ^2/NDF : 74234954.0/80

- sign 0.000+/-0.000 χ^2/NDF : 37067927.3/40

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 480140963917.5/16

Left Out: -0.826+/-0.000 χ^2/NDF : 161925732.6/22

Right Out: 2.583+/-0.000 χ^2/NDF : 1253501370113259.5/18

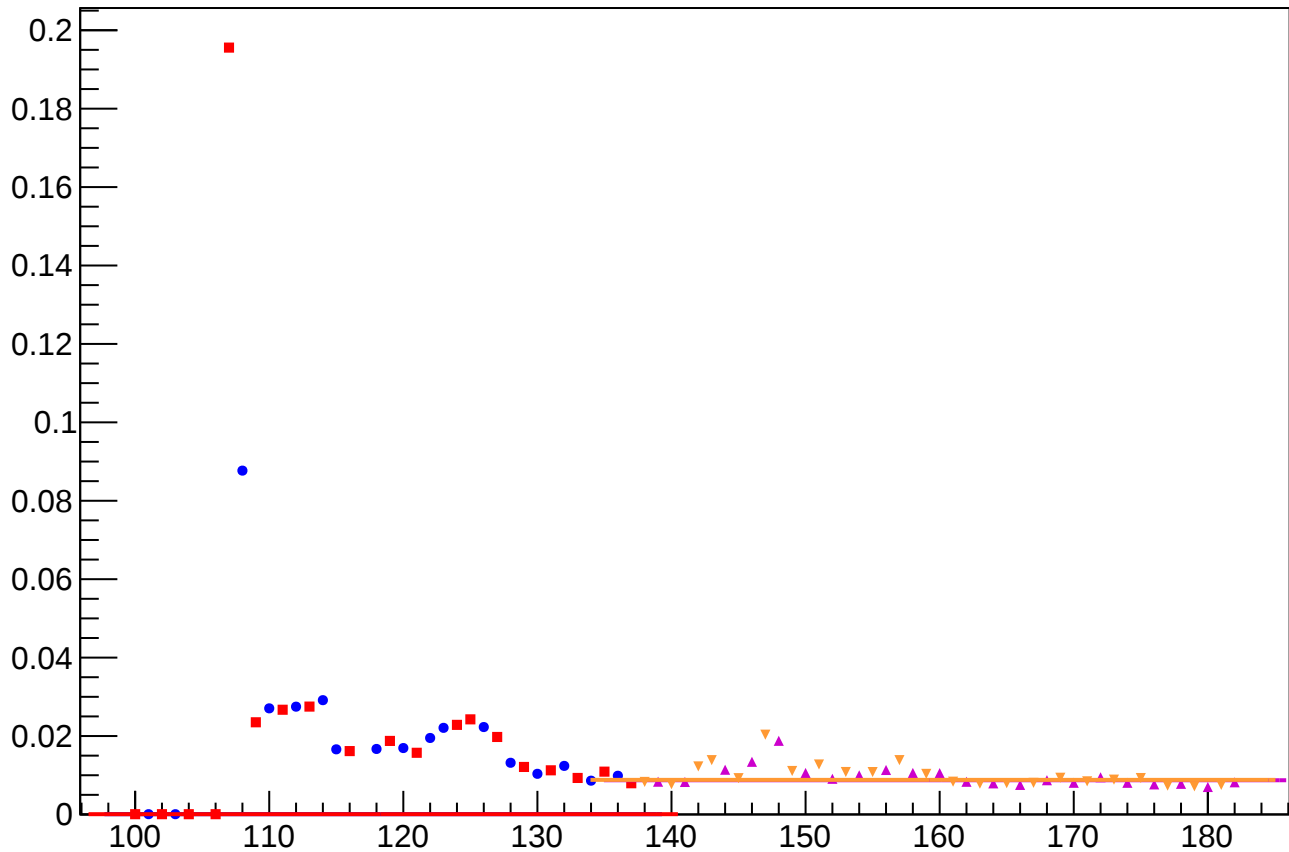
Left In: -0.826+/-0.000 χ^2/NDF : 168487707.2/21

+ sign 3.560+/-0.000 χ^2/NDF : 4061500720839.7/39

All: 3.038+/-0.000 χ^2/NDF : 13878536265263

- sign 2.581+/-0.000 χ^2/NDF : 1255695902612221.5

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9686061.1/16

Left Out: 0.009+/-0.000 χ^2/NDF :1321991.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 9818933.2/18

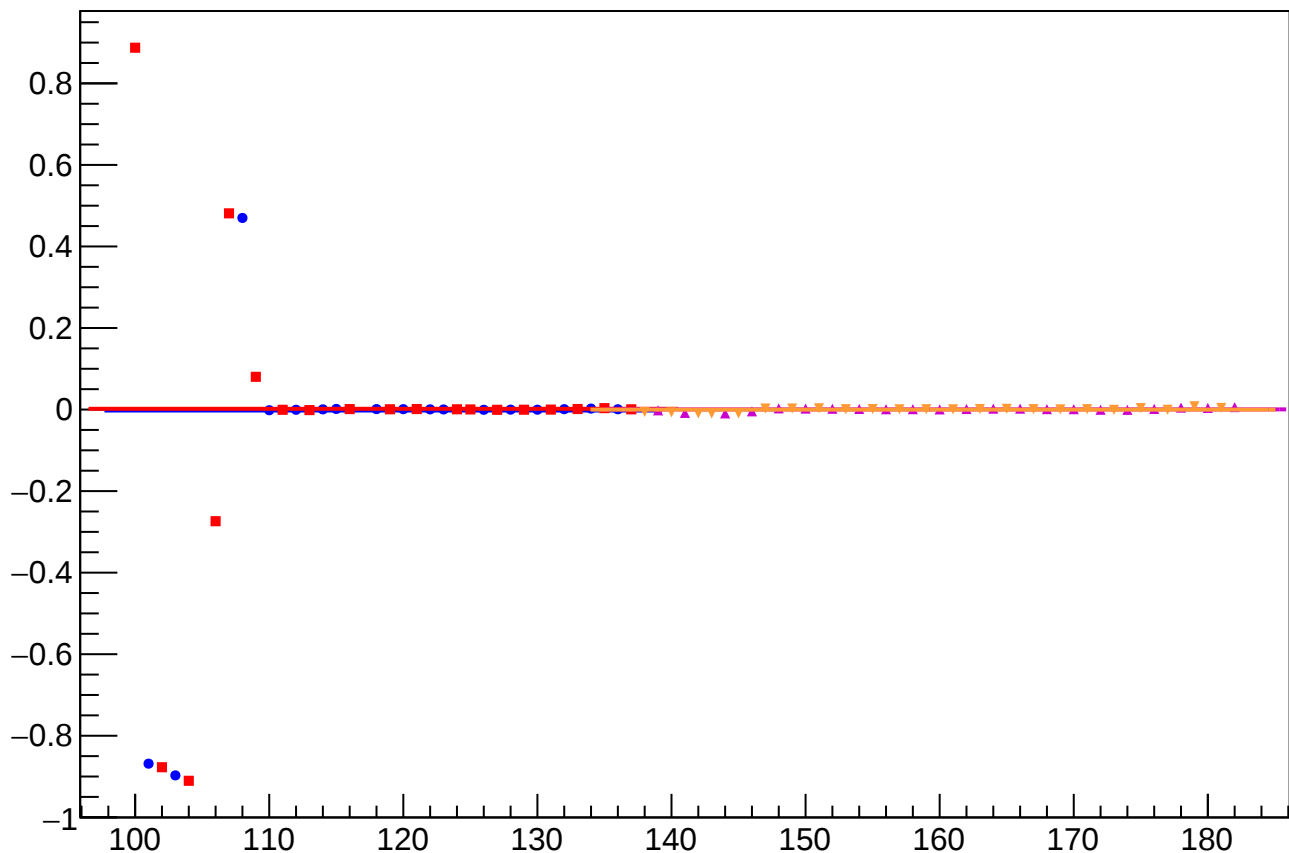
Left In: 0.009+/-0.000 χ^2/NDF :1025144.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 39470224.1/39

All: 0.000+/-0.000 χ^2/NDF : 78596078.9/80

- sign 0.000+/-0.000 χ^2/NDF : 39124981.4/40

yield_cav4cX_mean vs Slug



Right In: -0.002 ± 0.000 χ^2/NDF : 9794882359.1/16

Left Out: -0.000 ± 0.000 χ^2/NDF : 138947769.0/22

Right Out: 0.002 ± 0.000 χ^2/NDF : 3041319636.1/18

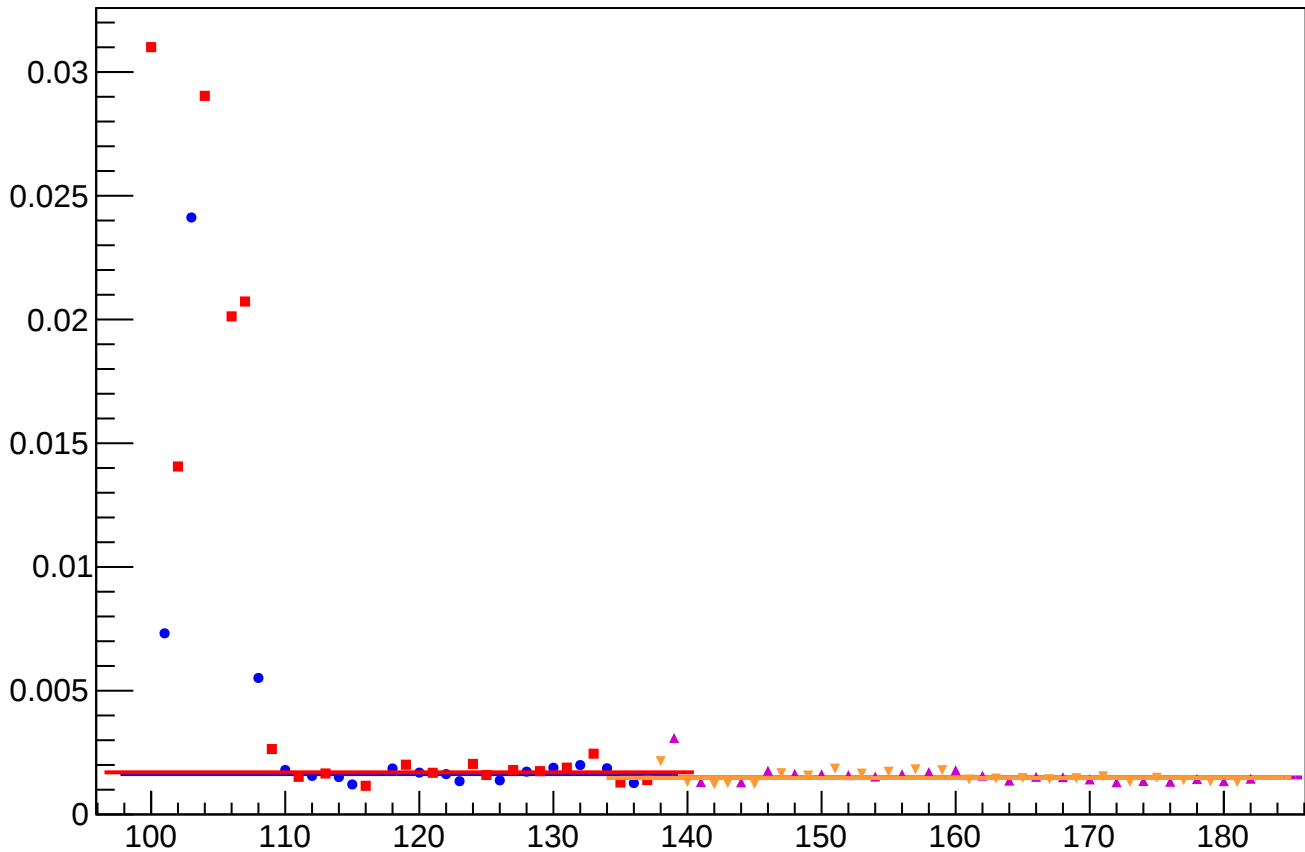
Left In: 0.000 ± 0.000 χ^2/NDF : 93163976.7/21

+ sign -0.001 ± 0.000 χ^2/NDF : 9940238338.6/39

All: 0.000 ± 0.000 χ^2/NDF : 13084102051.6/80

- sign 0.001 ± 0.000 χ^2/NDF : 3136989963.2/40

yield_cav4cX_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1921590.0/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:508078.7/22

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3023068.5/18

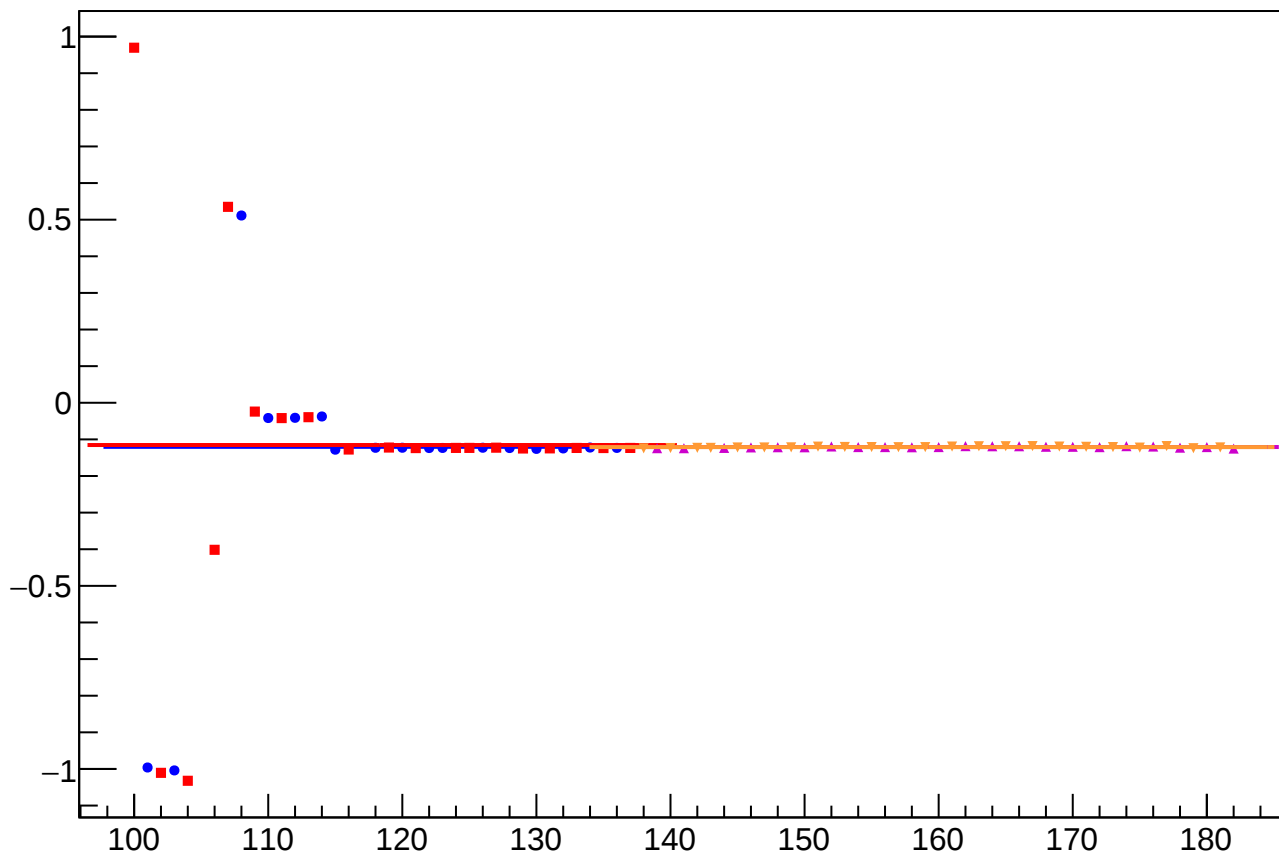
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:655532.5/21

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 2497685.7/39

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 6288566.6/80

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3782947.3/40

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2/NDF : 3932599788.9/16

Left Out: -0.121+/-0.000 χ^2/NDF : 55459804.4/22

Right Out: -0.115+/-0.000 χ^2/NDF : 2456183694.8/18

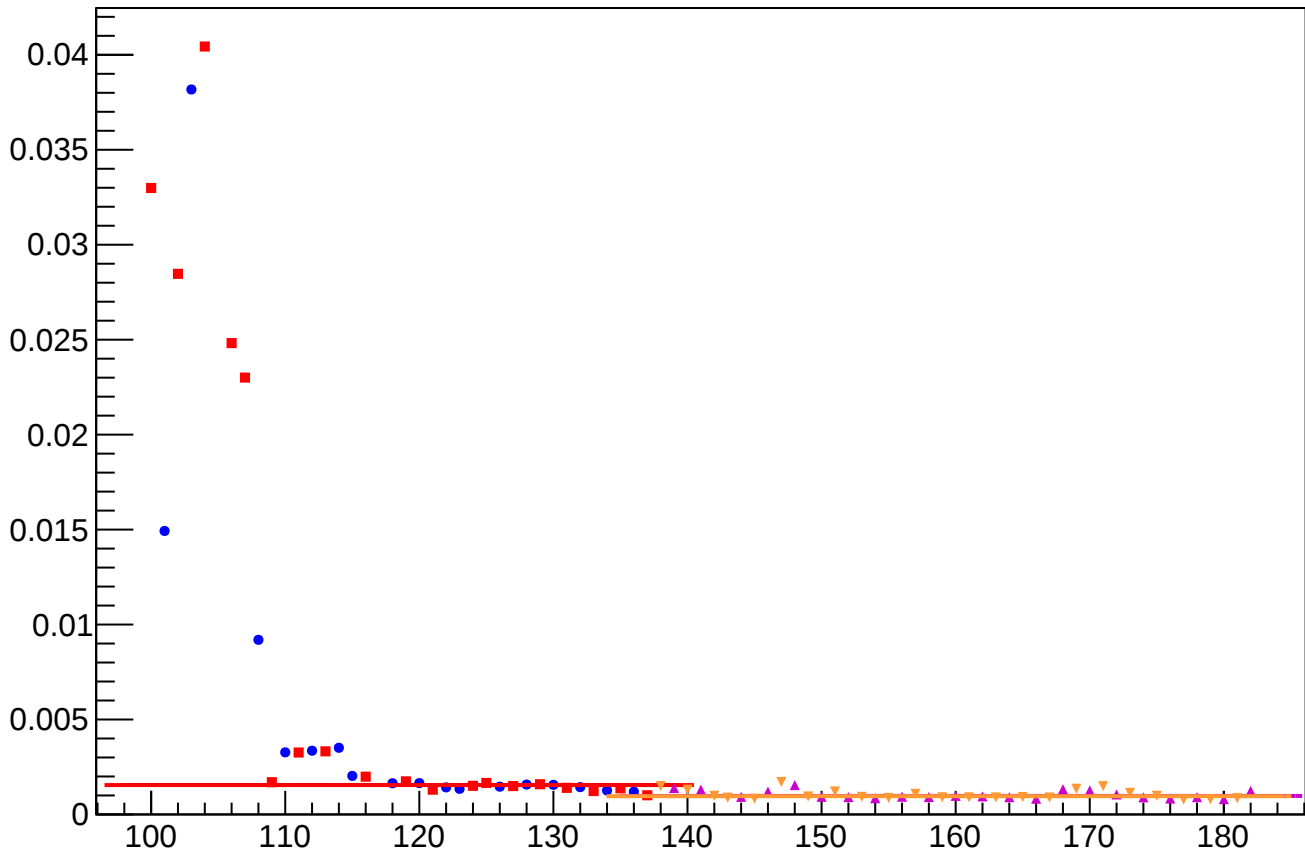
Left In: -0.121+/-0.000 χ^2/NDF : 46374196.3/21

+ sign -0.121+/-0.000 χ^2/NDF : 3988889173.2/39

All: -0.121+/-0.000 χ^2/NDF : 6546004892.5/8

- sign -0.120+/-0.000 χ^2/NDF : 2553151961.4/40

yield_cav4cY_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2897244.2/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:1238497.8/22

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3536477.8/18

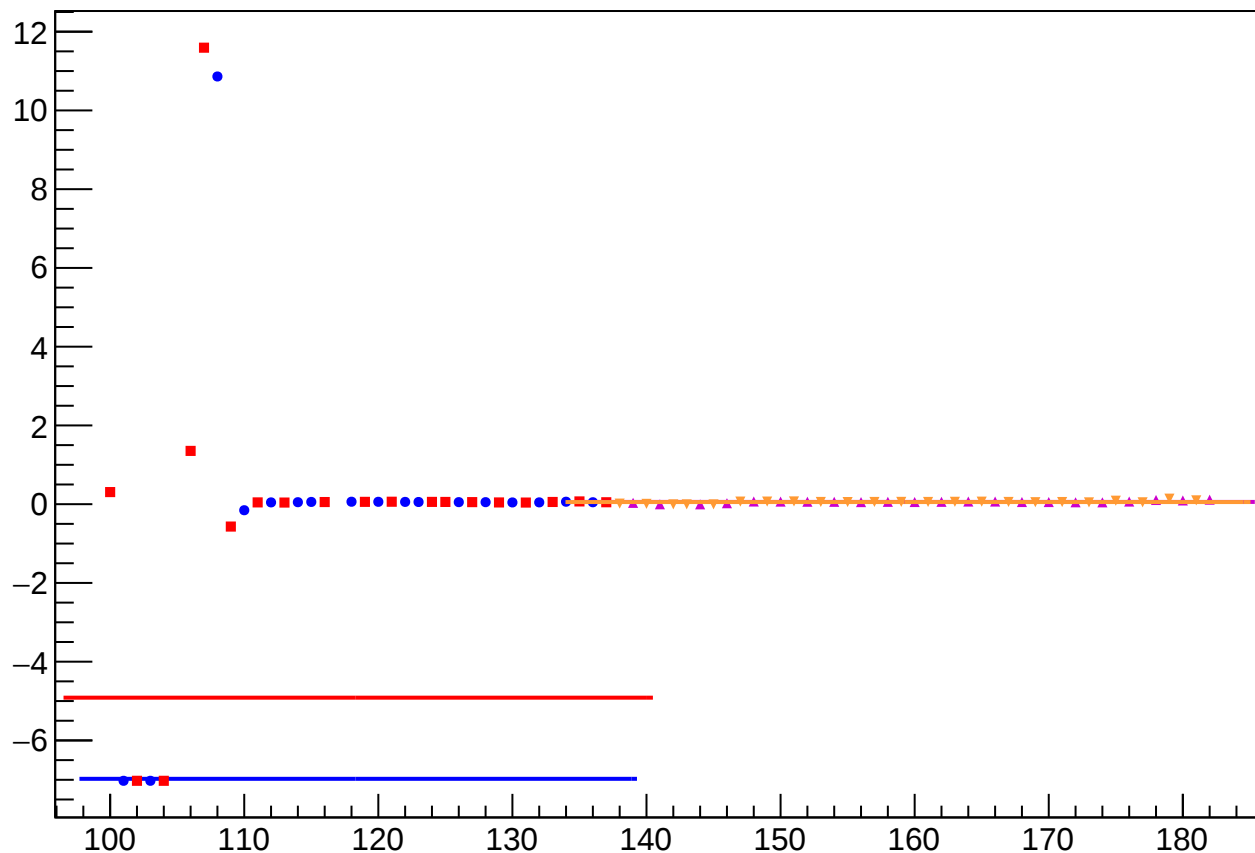
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:950432.0/21

+ sign 0.001 $\pm$ 0.000 χ^2 /NDF: 5323407.8/39

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 10926567.6/80

- sign 0.001 $\pm$ 0.000 χ^2 /NDF: 5598994.5/40

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2 /NDF: 8762449111165.9/16

Left Out: 0.054+/-0.000 χ^2 /NDF:220693922.1/22

Right Out: -4.914+/-0.000 χ^2 /NDF: 365348533697497.2/18

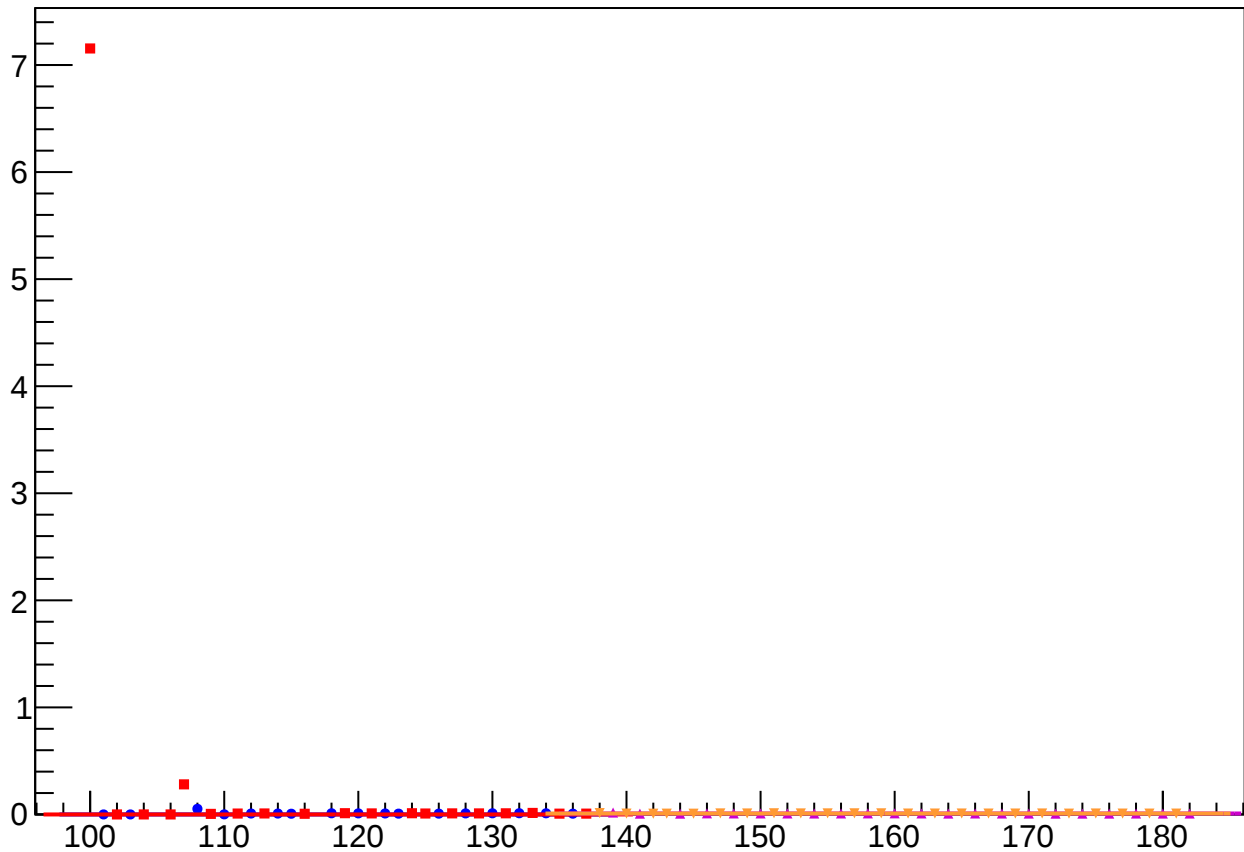
Left In: 0.057+/-0.000 χ^2 /NDF:153596116.6/21

+ sign -6.924+/-0.000 χ^2 /NDF: 17837302420015.5/16

All: -5.859+/-0.000 χ^2 /NDF: 4430313818854.2/16

- sign -4.882+/-0.000 χ^2 /NDF: 369677812104465.2/16

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8227727.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 481803.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 8749291.1/18

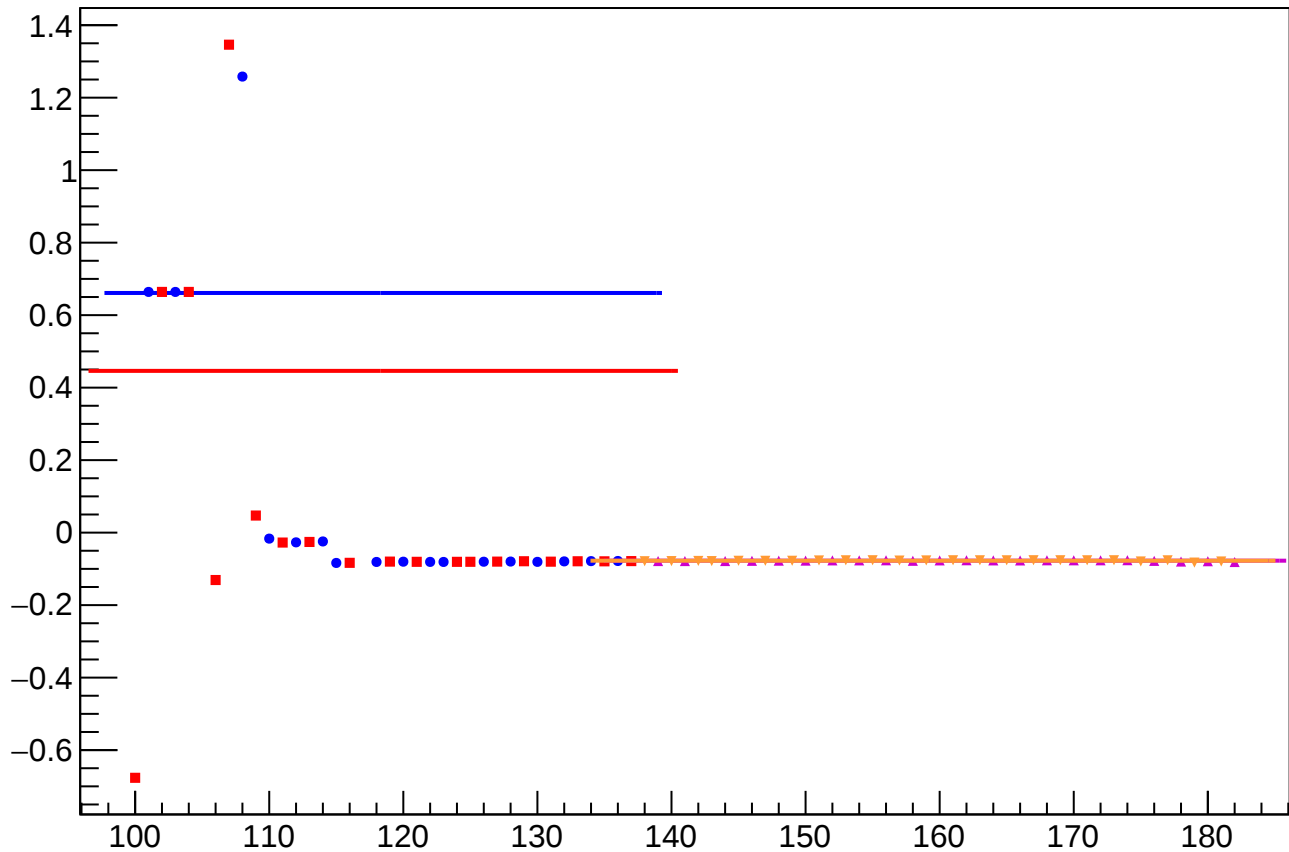
Left In: 0.009+/-0.000 χ^2/NDF : 629883.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 35592952.3/39

All: 0.000+/-0.000 χ^2/NDF : 71582738.0/80

- sign 0.000+/-0.000 χ^2/NDF : 35987030.7/40

yield_cav4dY_mean vs Slug



Right In: 0.661 $\pm$ 0.000 χ^2 /NDF: 5585151330309.5/16

Left Out: -0.077 $\pm$ 0.000 χ^2 /NDF: 144626390.0/22

Right Out: 0.446 $\pm$ 0.000 χ^2 /NDF: 405416742195381.0/18

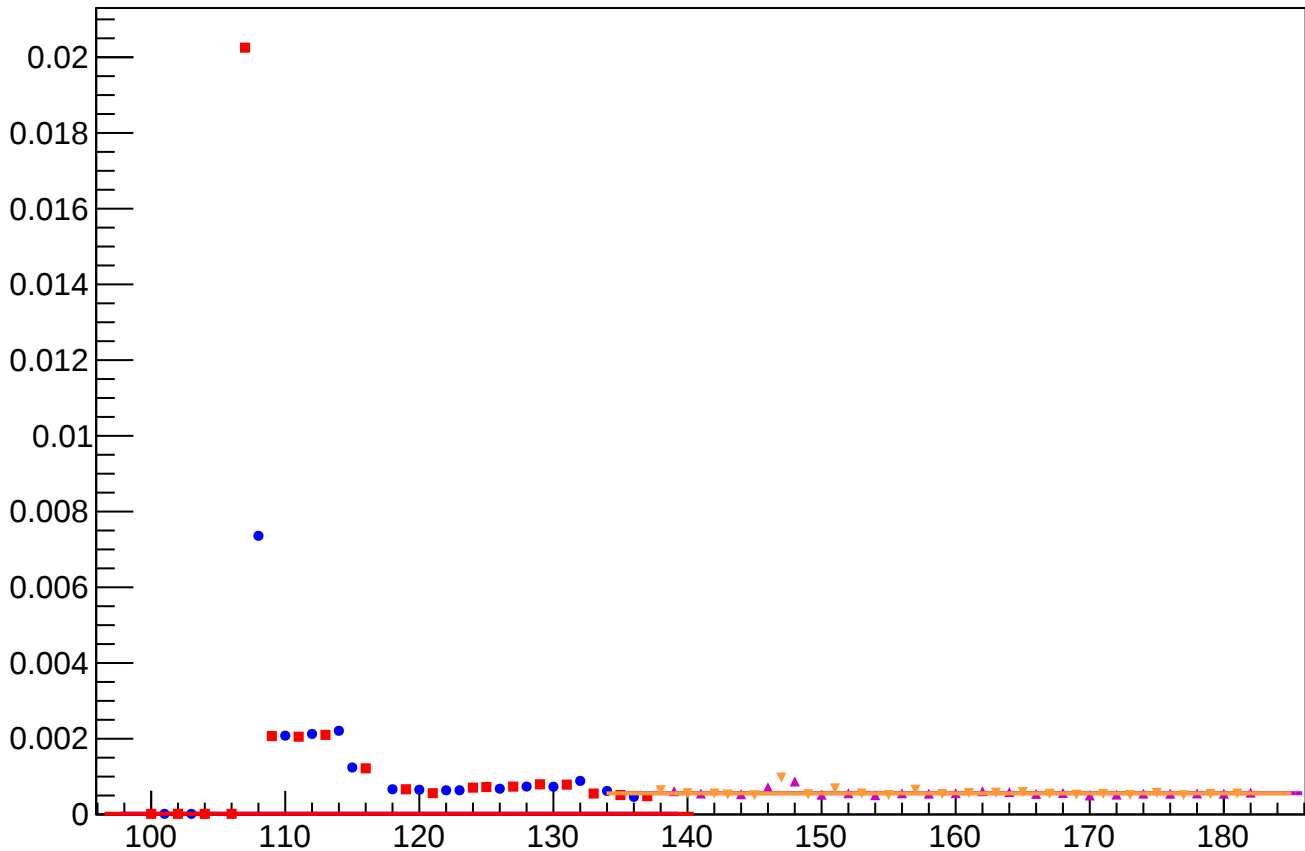
Left In: -0.077 $\pm$ 0.000 χ^2 /NDF: 84769152.2/21

+ sign 0.646 $\pm$ 0.000 χ^2 /NDF: 34181765993196.6/3

All: 0.537 $\pm$ 0.000 χ^2 /NDF: 51453448757800

- sign 0.437 $\pm$ 0.000 χ^2 /NDF: 419427976100056.1/3

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9835626.2/16

Left Out: 0.001+/-0.000 χ^2/NDF : 457472.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 9440944.6/18

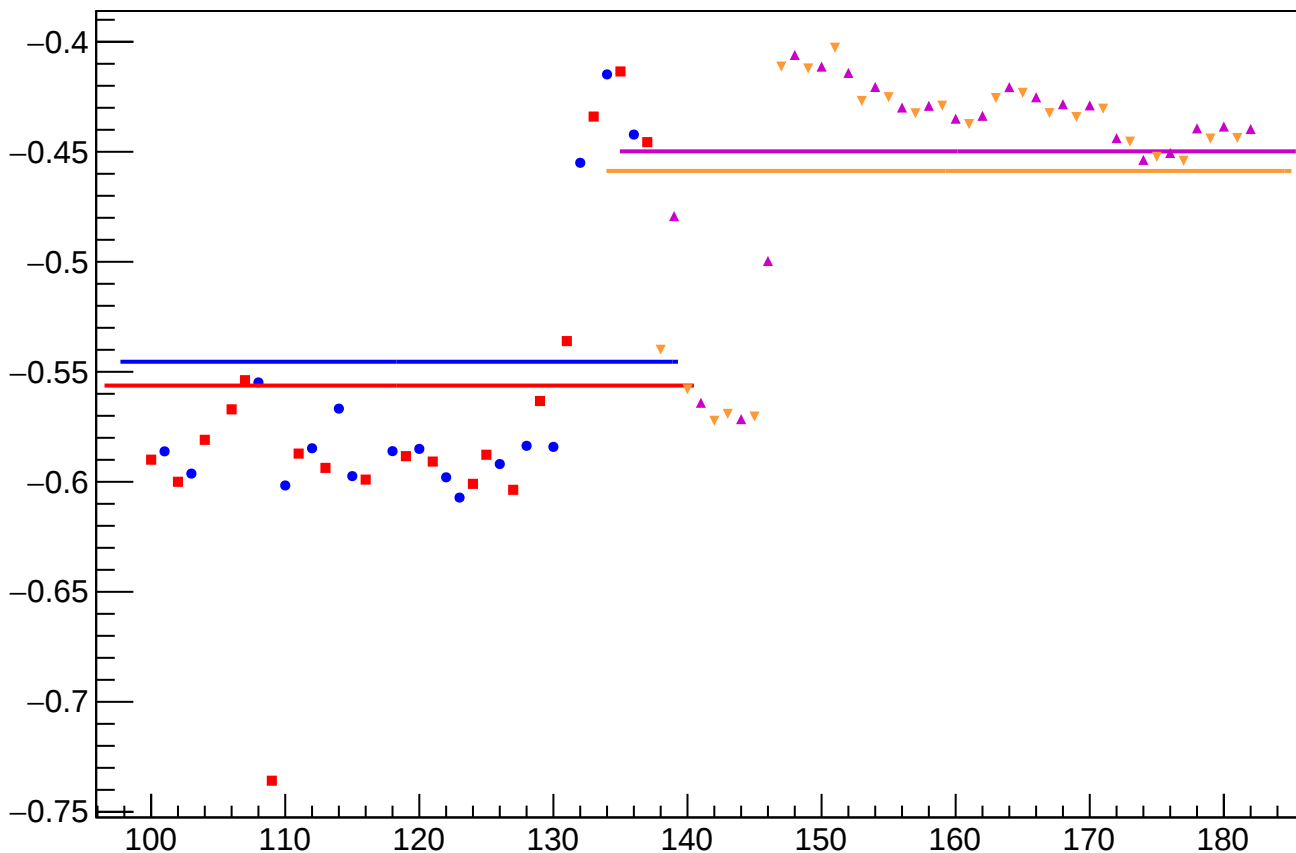
Left In: 0.001+/-0.000 χ^2/NDF : 355409.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 40735893.6/39

All: 0.000+/-0.000 χ^2/NDF : 80734774.5/80

- sign 0.000+/-0.000 χ^2/NDF : 39995206.1/40

yield_bpm4aX_mean vs Slug



Right In: -0.545 ± 0.000 χ^2/NDF : 46353554.3/16

Left Out: -0.459 ± 0.000 χ^2/NDF : 107950193.0/22

Right Out: -0.556 ± 0.000 χ^2/NDF : 63720924.6/18

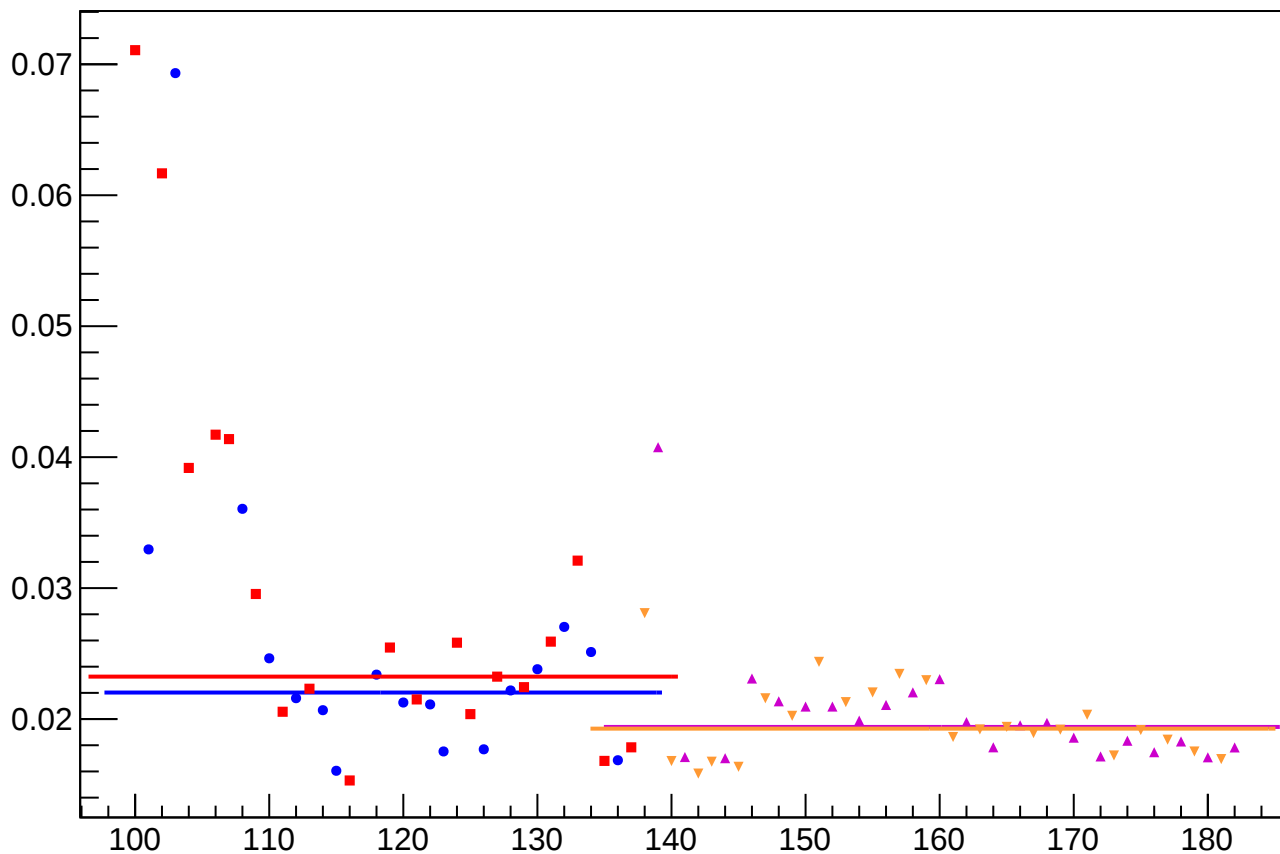
Left In: -0.450 ± 0.000 χ^2/NDF : 76147236.8/21

+ sign -0.477 ± 0.000 χ^2/NDF : 215541539.1/39

All: -0.475 ± 0.000 χ^2/NDF : 443866190.8/80

- sign -0.472 ± 0.000 χ^2/NDF : 227706695.3/40

yield_bpm4aX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 958242.5/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 474971.2/22

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1154898.9/18

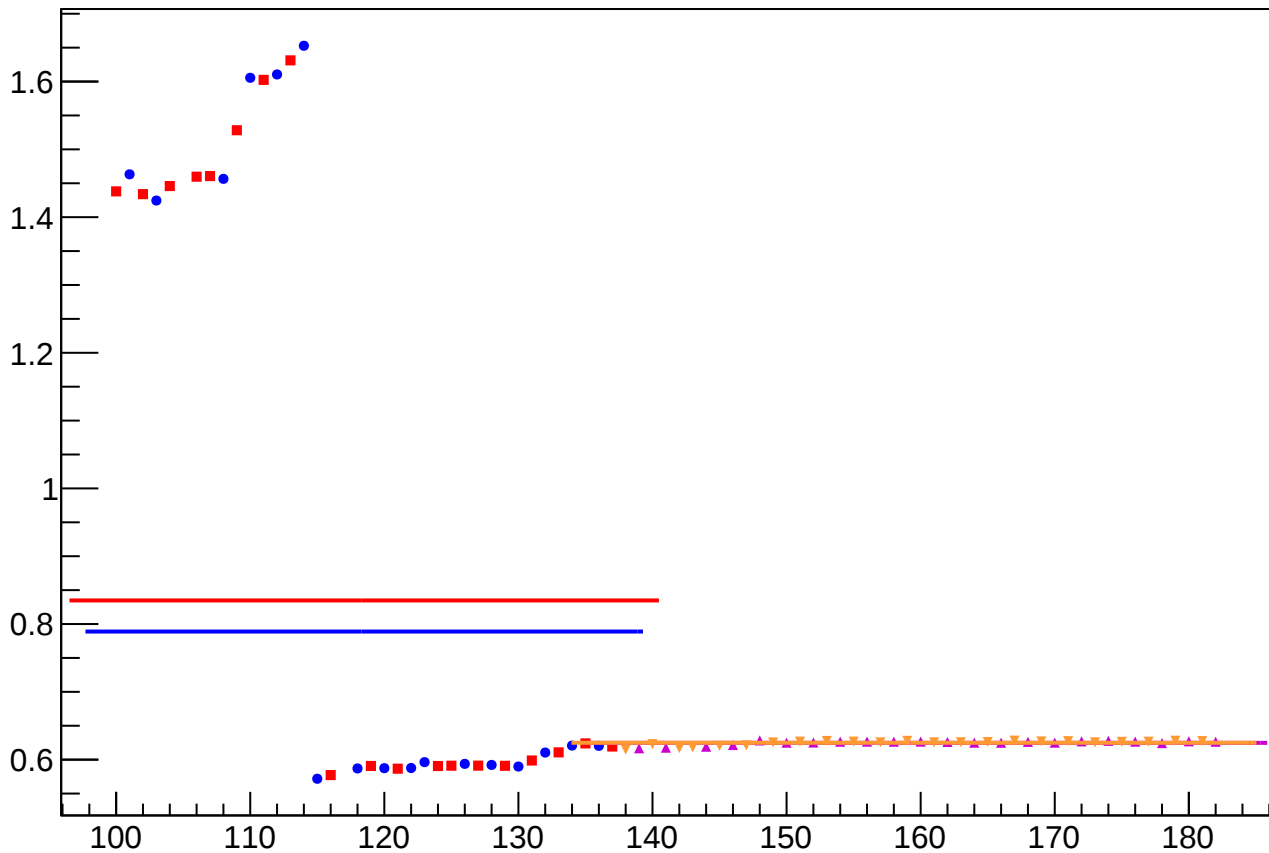
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 654413.2/21

+ sign 0.020 $\pm$ 0.000 χ^2 /NDF: 1556985.8/39

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 3600947.6/80

- sign 0.020 $\pm$ 0.000 χ^2 /NDF: 2038249.2/40

yield_bpm4aY_mean vs Slug



Right In: 0.789 $\pm$ 0.000 χ^2 /NDF: 3572292316.9/16

Left Out: 0.625 $\pm$ 0.000 χ^2 /NDF:1382470.9/22

+ sign 0.658 $\pm$ 0.000 χ^2 /NDF: 4188371824.3/39

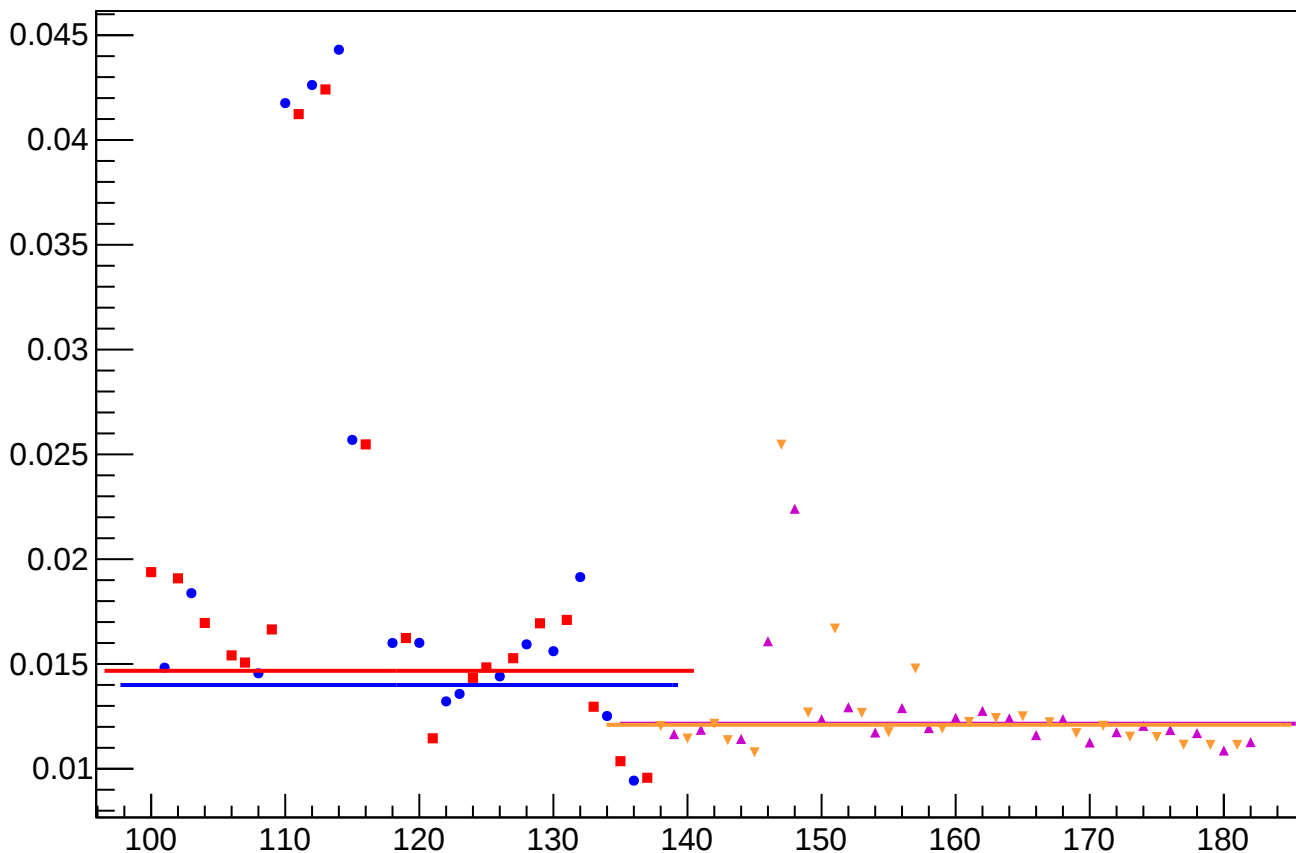
Right Out: 0.835 $\pm$ 0.000 χ^2 /NDF: 4145929509.1/18

All: 0.662 $\pm$ 0.000 χ^2 /NDF: 9323288491.4/80

- sign 0.666 $\pm$ 0.000 χ^2 /NDF: 5129573943.5/40

Left In: 0.625 $\pm$ 0.000 χ^2 /NDF:1111742.9/21

yield_bpm4aY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1393658.1/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 654426.5/22

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1257158.3/18

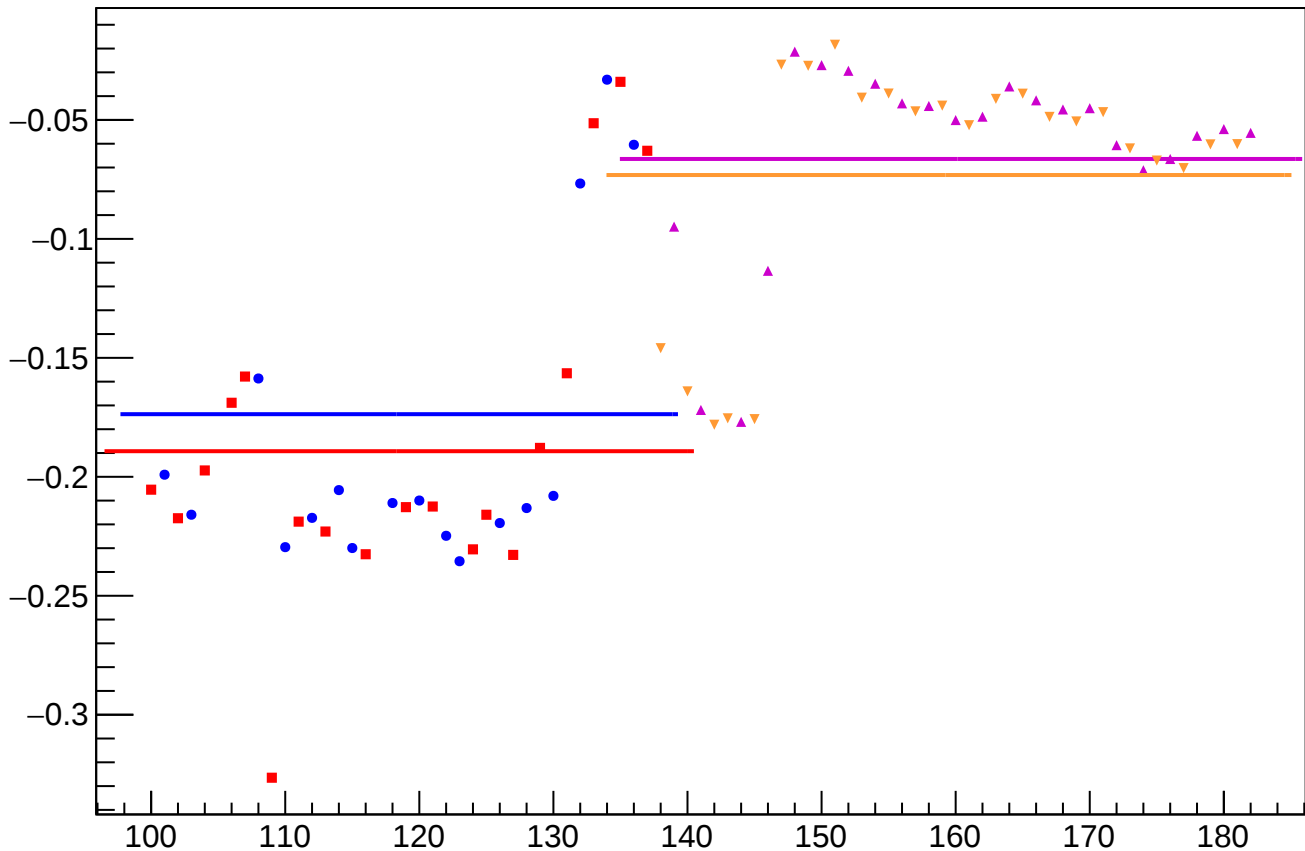
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 485791.6/21

+ sign 0.012 $\pm$ 0.000 χ^2 /NDF: 2212926.9/39

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 4243967.7/80

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2026813.5/40

yield_bpm4eX_mean vs Slug



Right In: -0.174+/-0.000 χ^2/NDF : 66840344.3/16

Left Out: -0.073+/-0.000 χ^2/NDF : 102148506.1/22

Right Out: -0.189+/-0.000 χ^2/NDF : 81440695.3/18

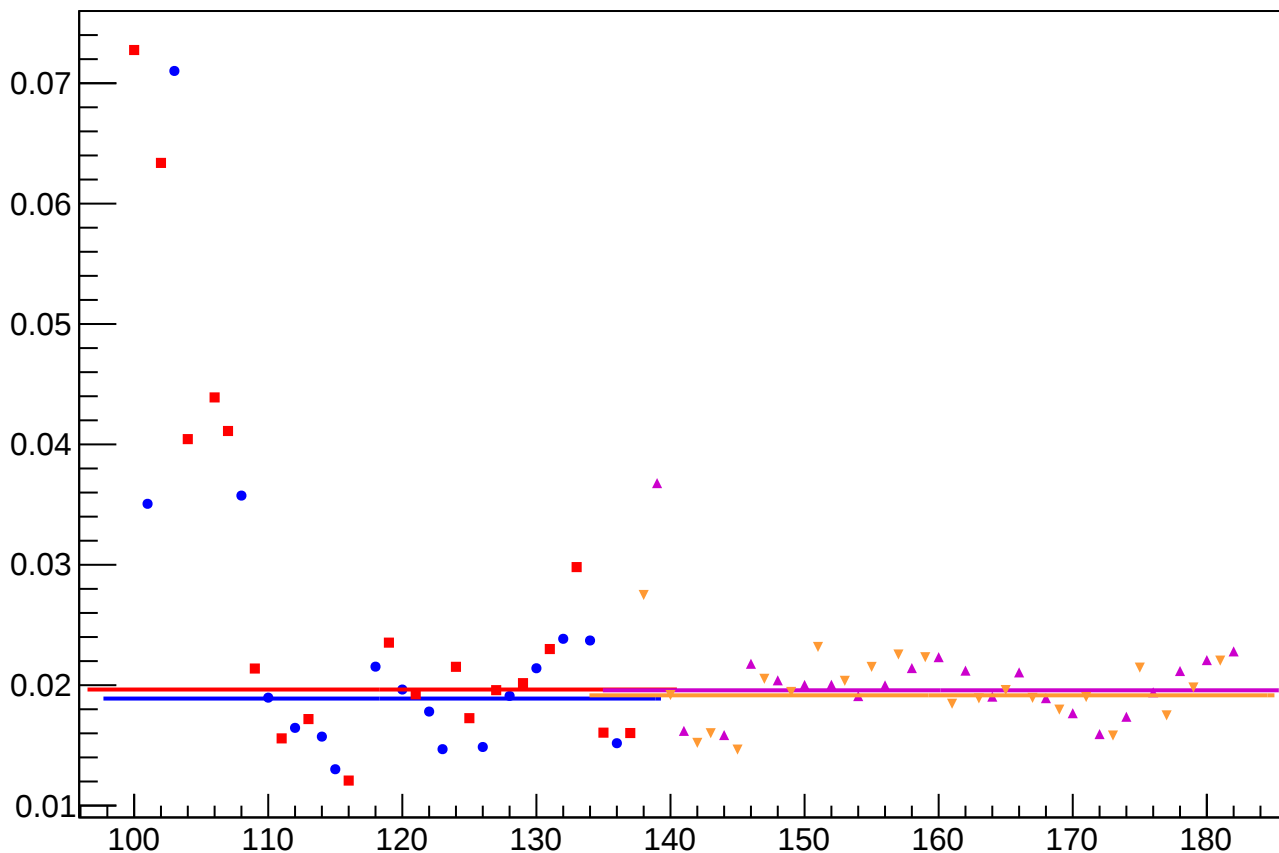
Left In: -0.066+/-0.000 χ^2/NDF : 76280284.4/21

+ sign -0.100+/-0.000 χ^2/NDF : 272104219.1/39

All: -0.099+/-0.000 χ^2/NDF : 578053458.4/80

- sign -0.099+/-0.000 χ^2/NDF : 305945897.4/40

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1212238.5/16

Left Out: 0.019+/-0.000 χ^2/NDF : 534118.3/22

Right Out: 0.020+/-0.000 χ^2/NDF : 1451854.2/18

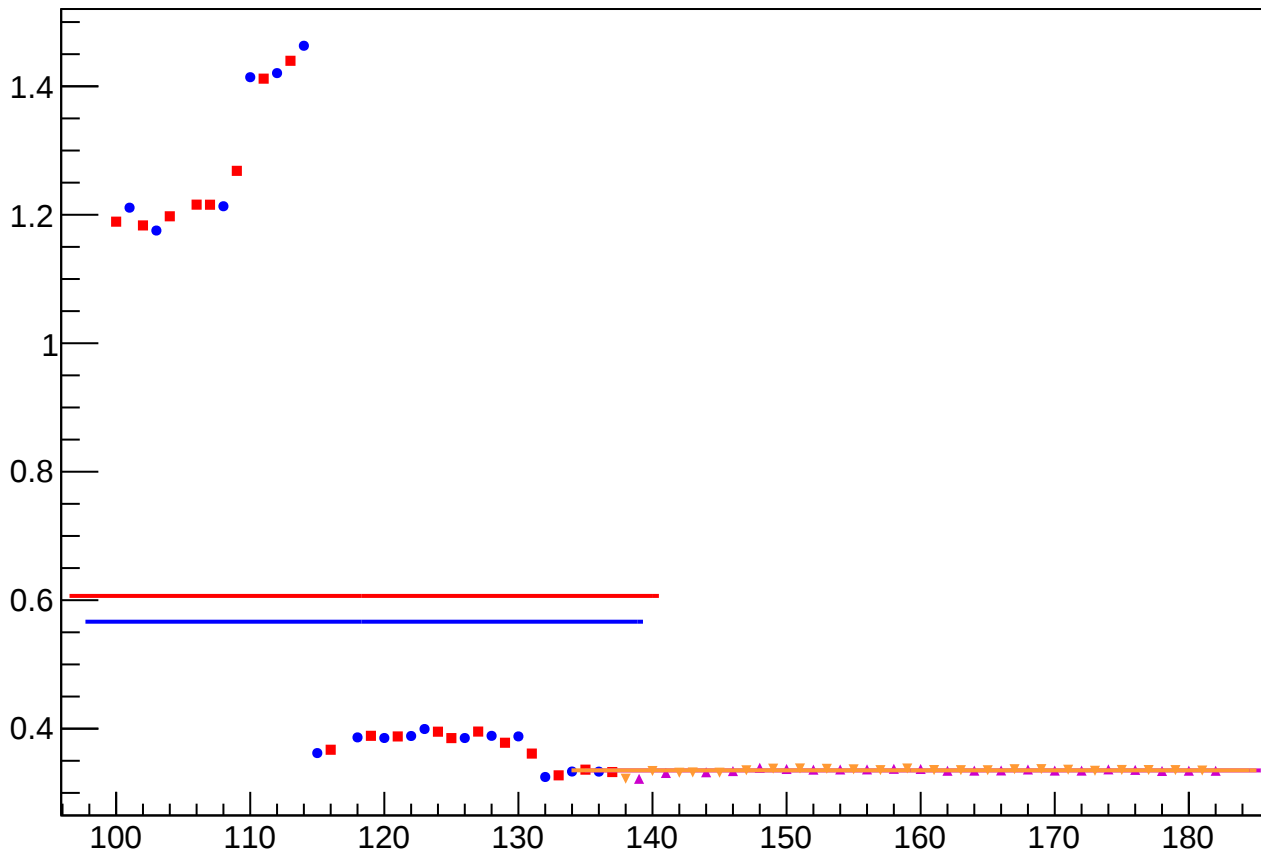
Left In: 0.020+/-0.000 χ^2/NDF : 651235.7/21

+ sign 0.019+/-0.000 χ^2/NDF : 1747830.5/39

All: 0.019+/-0.000 χ^2/NDF : 3864175.4/80

- sign 0.020+/-0.000 χ^2/NDF : 2103170.5/40

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5026553135.6/16

Left Out: 0.335 $\pm$ 0.000 χ^2 /NDF:1137872.8/22

+ sign 0.386 $\pm$ 0.000 χ^2 /NDF: 6606111806.3/39

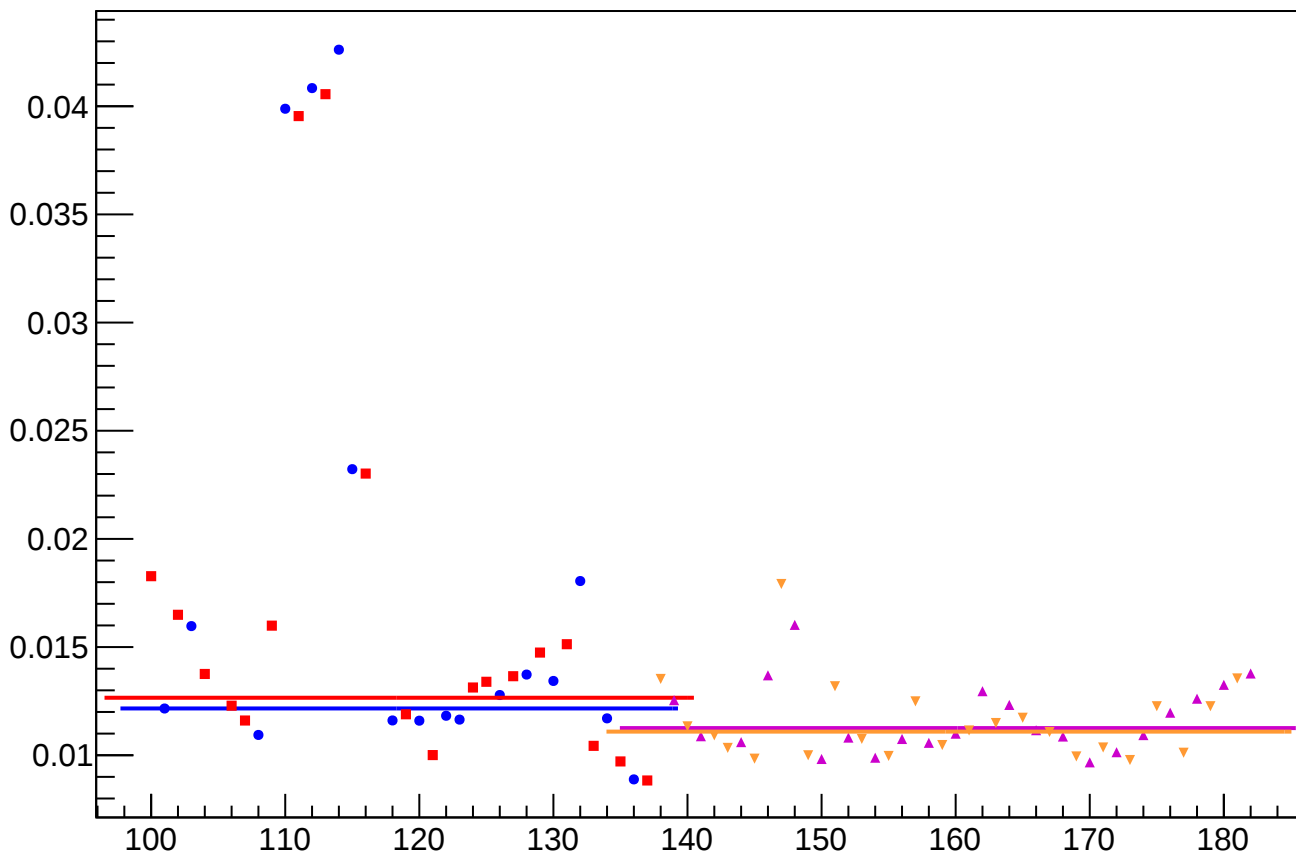
Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5520995734.6/18

All: 0.390 $\pm$ 0.000 χ^2 /NDF: 14240454316.6/8

- sign 0.395 $\pm$ 0.000 χ^2 /NDF: 7627248877.7/40

Left In: 0.335 $\pm$ 0.000 χ^2 /NDF:1196575.7/21

yield_bpm4eY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1302333.7/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:549675.1/22

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1265522.0/18

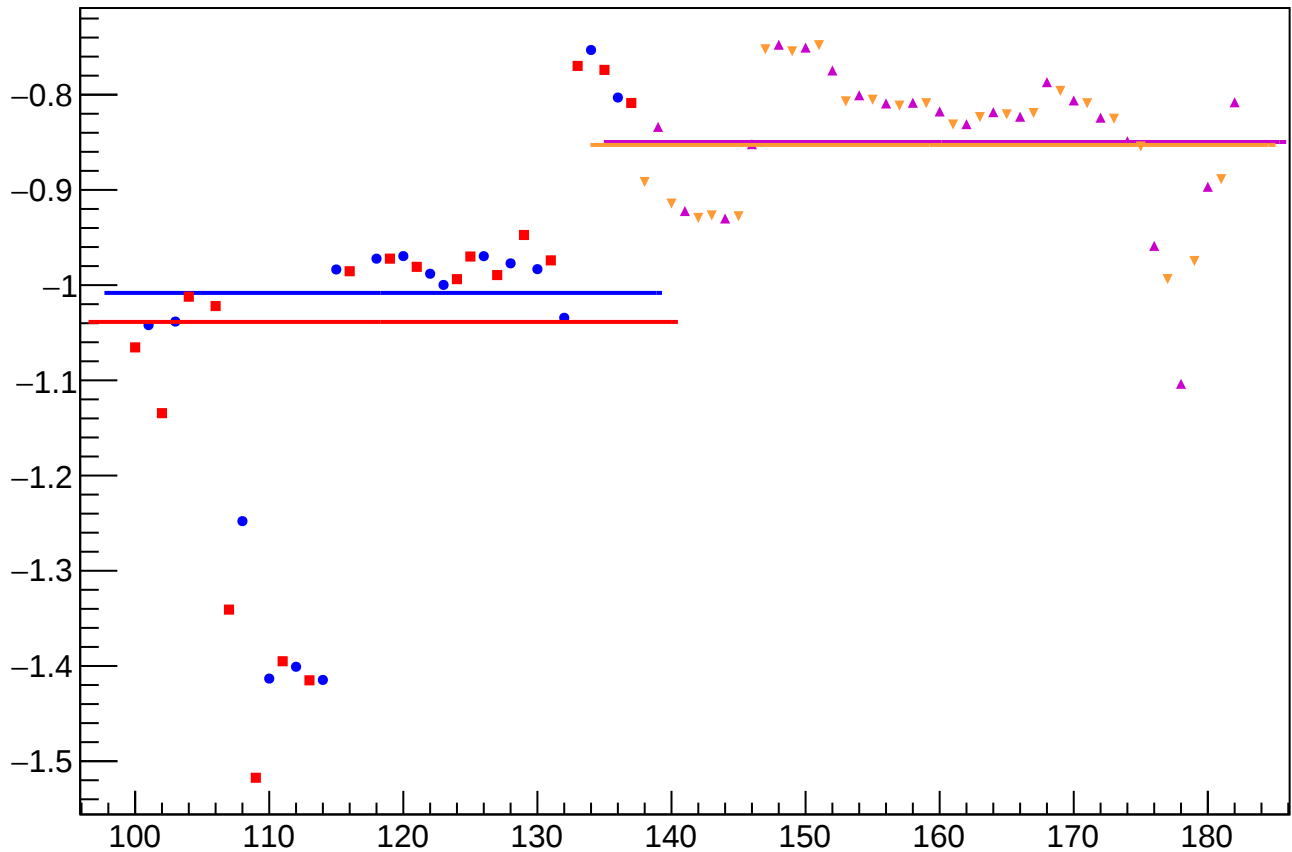
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:494474.3/21

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1919624.2/39

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3801455.8/80

- sign 0.012 $\pm$ 0.000 χ^2 /NDF: 1872232.1/40

yield_bpm4acX_mean vs Slug



Right In: -1.008+/-0.000 χ^2/NDF : 393095883.4/16

Left Out: -0.853+/-0.000 χ^2/NDF : 183542969.6/22

Right Out: -1.039+/-0.000 χ^2/NDF : 534509069.6/18

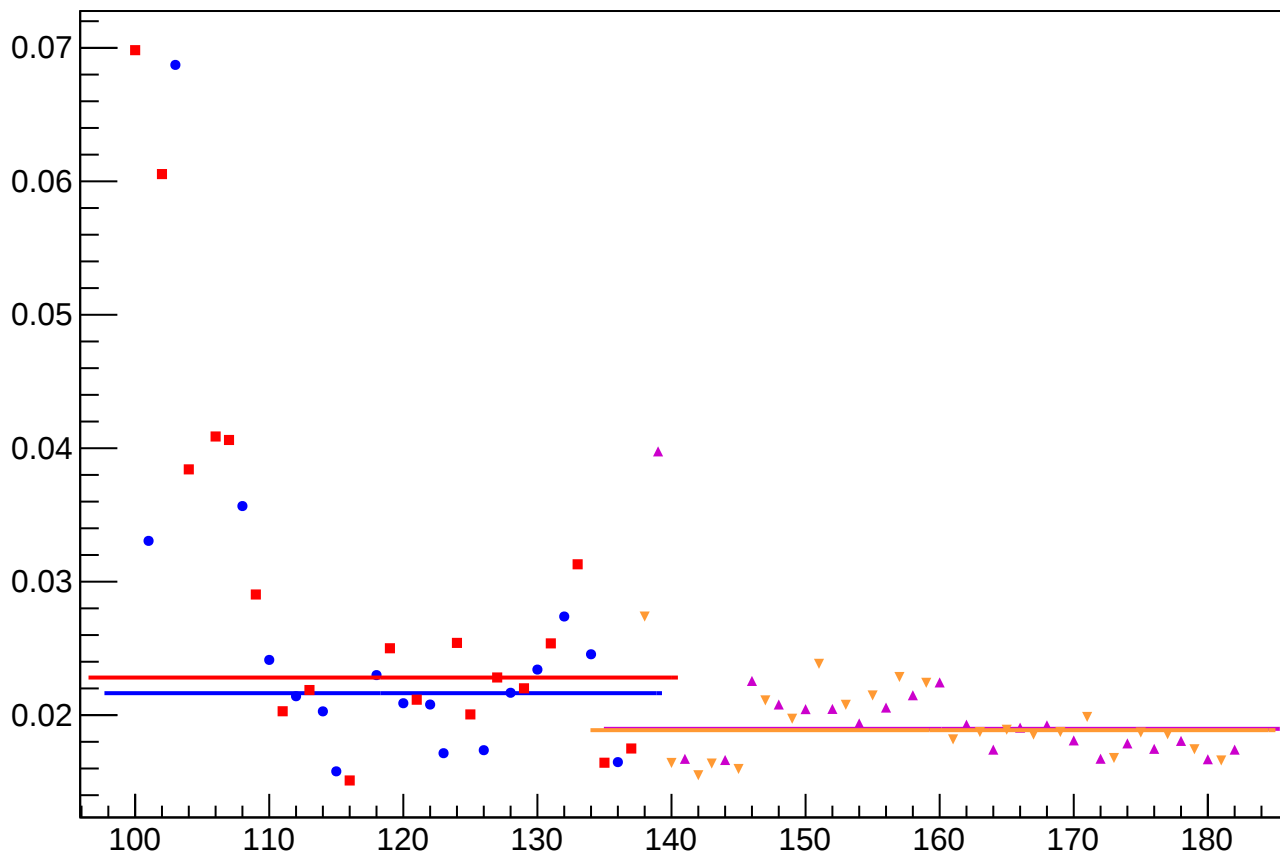
Left In: -0.850+/-0.000 χ^2/NDF : 255648830.2/21

+ sign -0.886+/-0.000 χ^2/NDF : 780292166.0/39

All: -0.888+/-0.000 χ^2/NDF : 1857885283.0/8

- sign -0.889+/-0.000 χ^2/NDF : 1077335289.8/40

yield_bpm4acX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 983373.6/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 463706.4/22

Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1150694.3/18

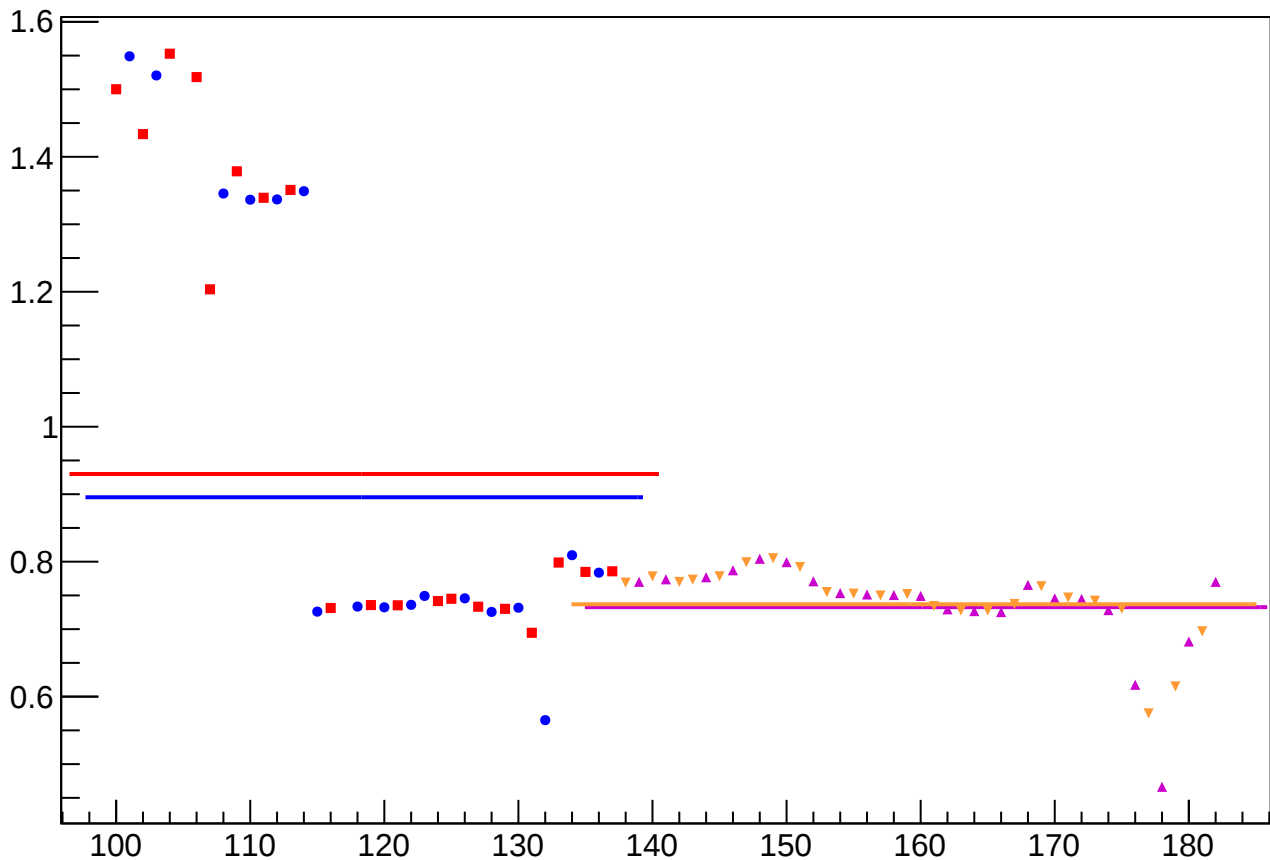
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 642986.7/21

+ sign 0.019 $\pm$ 0.000 χ^2 /NDF: 1576647.6/39

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 3612665.8/80

- sign 0.020 $\pm$ 0.000 χ^2 /NDF: 2031232.8/40

yield_bpm4acY_mean vs Slug



Right In: 0.895 $\pm$ 0.000 χ^2 /NDF: 2392918091.7/16

Left Out: 0.737 $\pm$ 0.000 χ^2 /NDF: 326066526.5/22

+ sign 0.768 $\pm$ 0.000 χ^2 /NDF: 3274862013.4/39

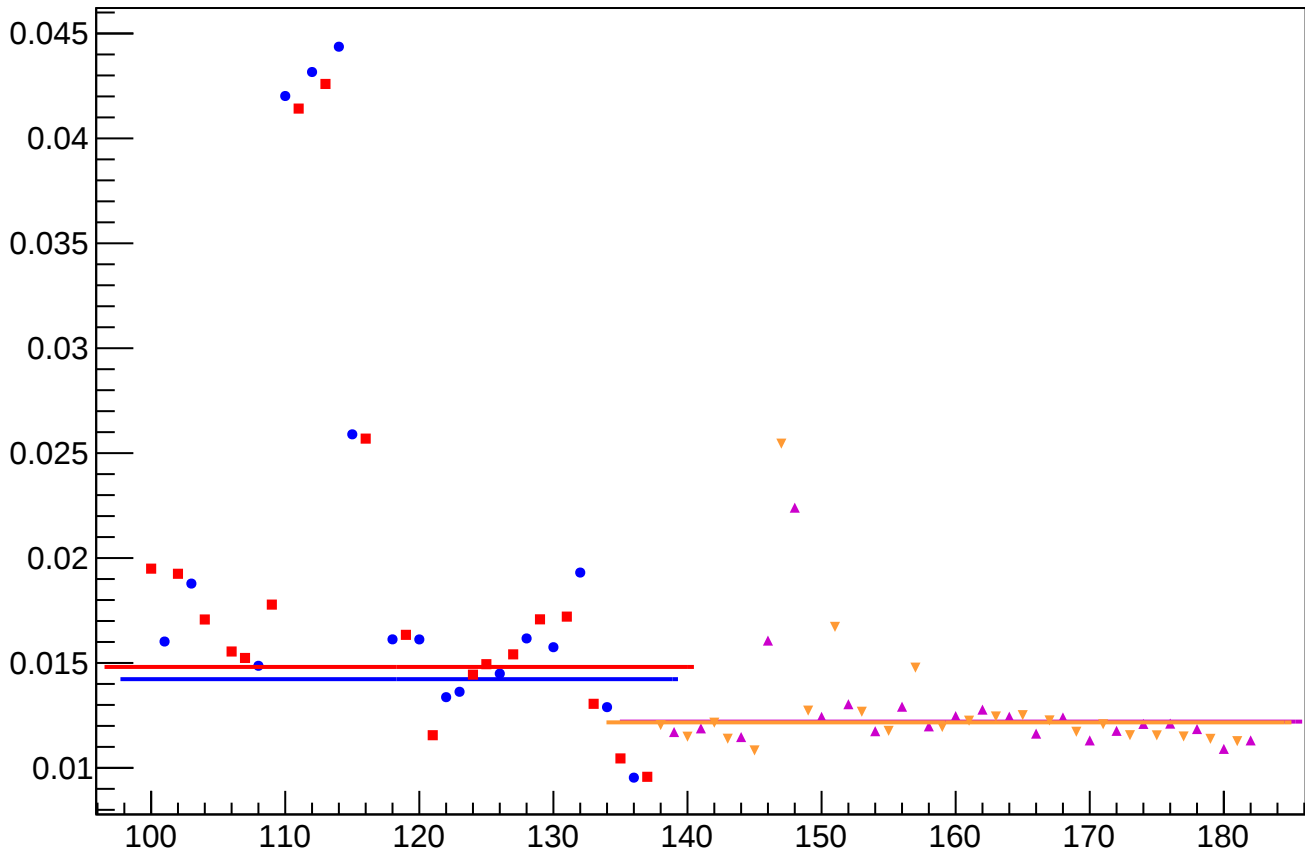
Right Out: 0.930 $\pm$ 0.000 χ^2 /NDF: 2420081209.6/18

All: 0.770 $\pm$ 0.000 χ^2 /NDF: 7113012981.9/80

- sign 0.771 $\pm$ 0.000 χ^2 /NDF: 3837347650.4/40

Left In: 0.733 $\pm$ 0.000 χ^2 /NDF: 567388406.5/21

yield_bpm4acY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1403945.8/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:634442.9/22

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1267250.0/18

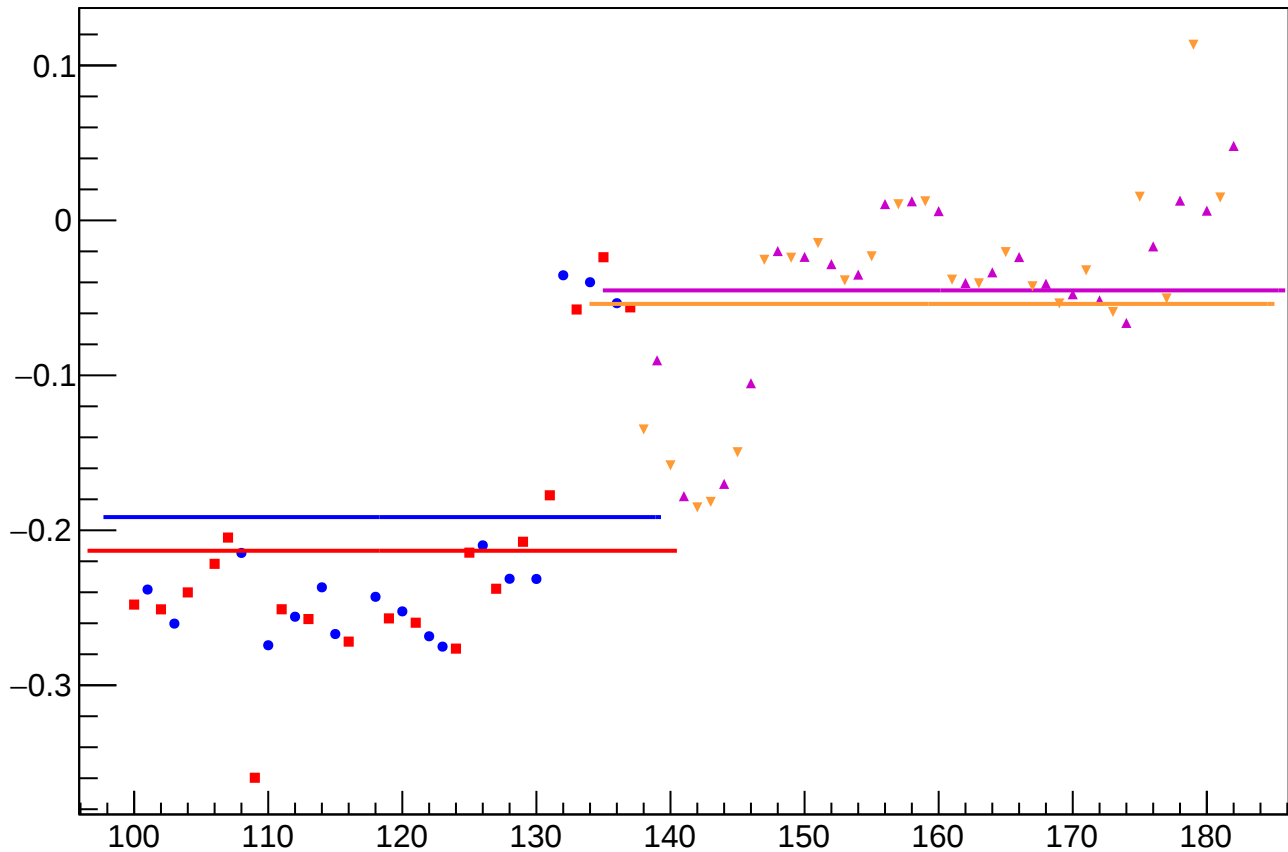
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF:479147.1/21

+ sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2225834.1/39

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 4271540.6/80

- sign 0.013 $\pm$ 0.000 χ^2 /NDF: 2042834.6/40

yield_bpm4ecX_mean vs Slug



Right In: -0.191+/-0.000 χ^2/NDF : 105957051.0/16

Left Out: -0.054+/-0.000 χ^2/NDF : 154149244.2/22

Right Out: -0.213+/-0.000 χ^2/NDF : 109604825.2/18

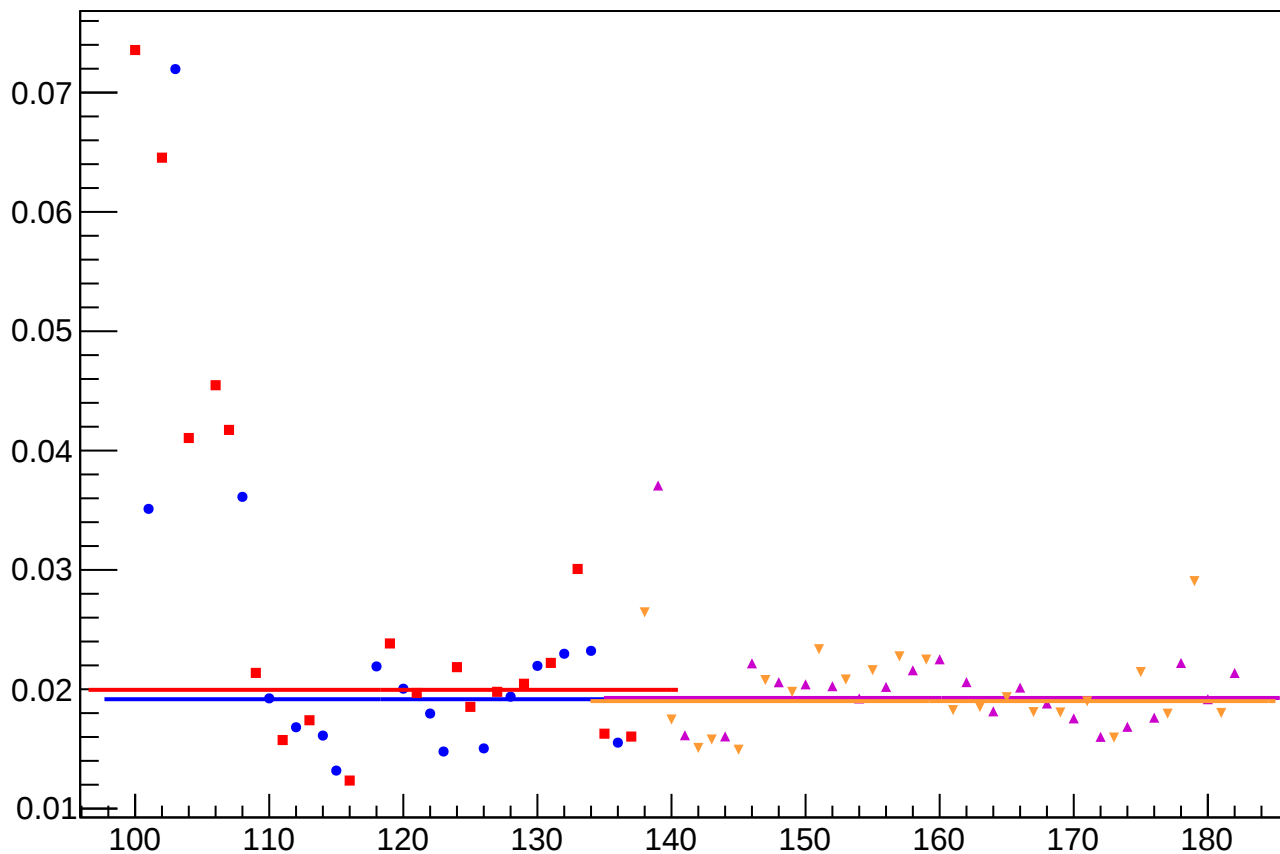
Left In: -0.045+/-0.000 χ^2/NDF : 124018206.7/21

+ sign -0.090+/-0.000 χ^2/NDF : 448724670.0/39

All: -0.089+/-0.000 χ^2/NDF : 953833085.0/80

- sign -0.089+/-0.000 χ^2/NDF : 505078770.4/40

yield_bpm4ecX_rms vs Slug



Right In: 0.019 $\pm$ 0.000 χ^2 /NDF: 1183198.6/16

Left Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 613032.8/22

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1442604.7/18

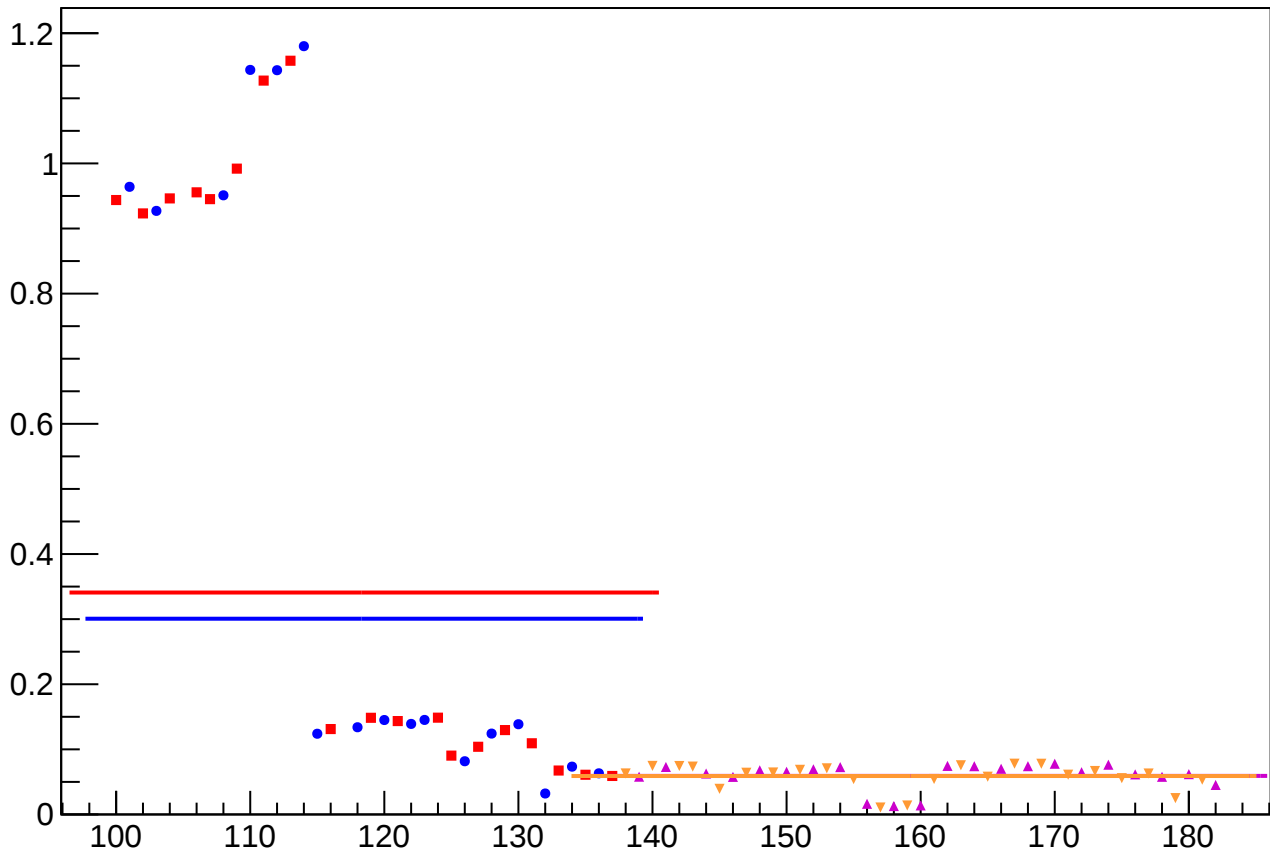
Left In: 0.019 $\pm$ 0.000 χ^2 /NDF: 651133.1/21

+ sign 0.019 $\pm$ 0.000 χ^2 /NDF: 1796718.0/39

All: 0.019 $\pm$ 0.000 χ^2 /NDF: 3907437.4/80

- sign 0.019 $\pm$ 0.000 χ^2 /NDF: 2102653.2/40

yield_bpm4ecY_mean vs Slug



Right In: 0.301 $\pm$ 0.000 χ^2 /NDF: 5169454550.2/16

Left Out: 0.059 $\pm$ 0.000 χ^2 /NDF: 46243199.6/22

Right Out: 0.341 $\pm$ 0.000 χ^2 /NDF: 5465725389.6/18

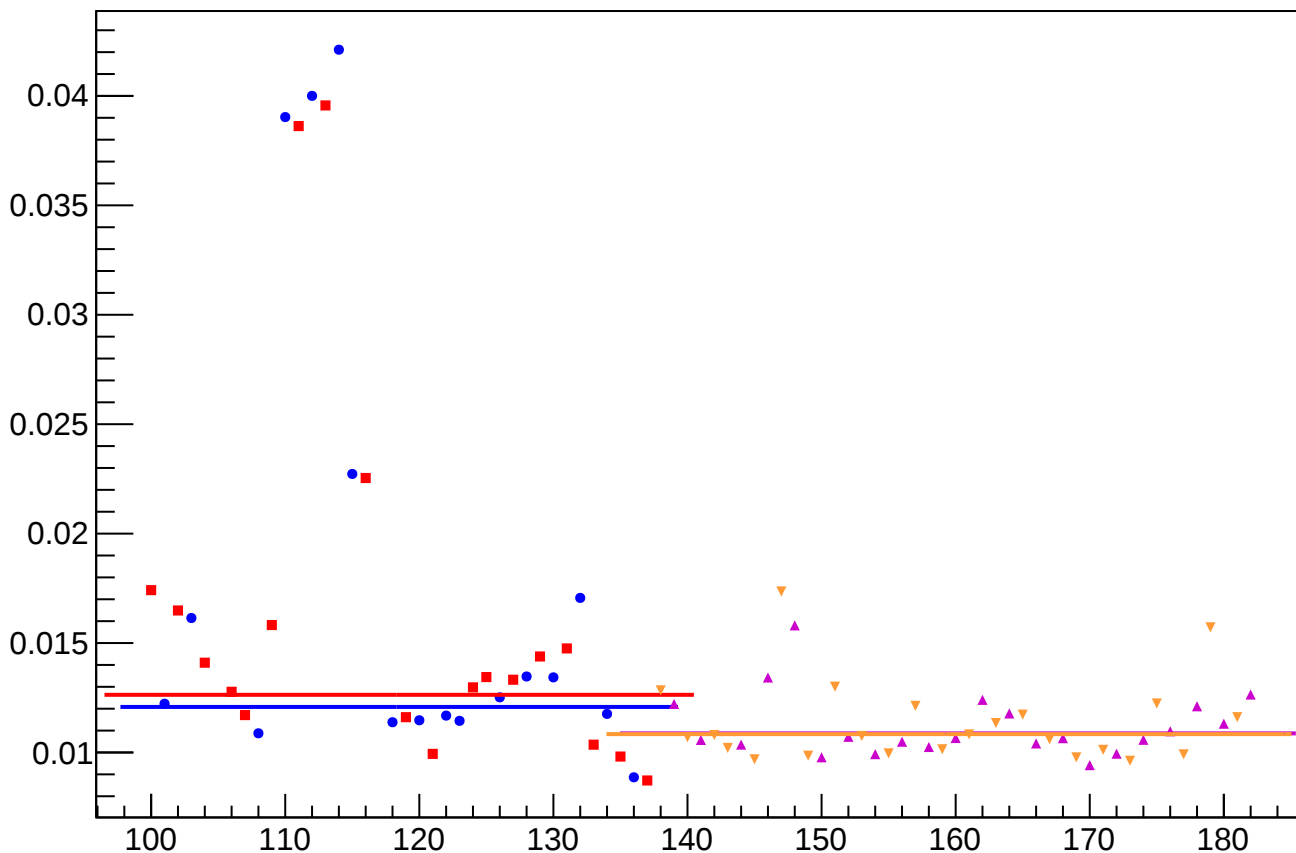
Left In: 0.059 $\pm$ 0.000 χ^2 /NDF: 58128971.6/21

+ sign 0.112 $\pm$ 0.000 χ^2 /NDF: 6965377461.0/39

All: 0.115 $\pm$ 0.000 χ^2 /NDF: 14791484596.4/80

- sign 0.119 $\pm$ 0.000 χ^2 /NDF: 7821565051.1/40

yield_bpm4ecY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1275060.9/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:542912.0/22

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1234267.8/18

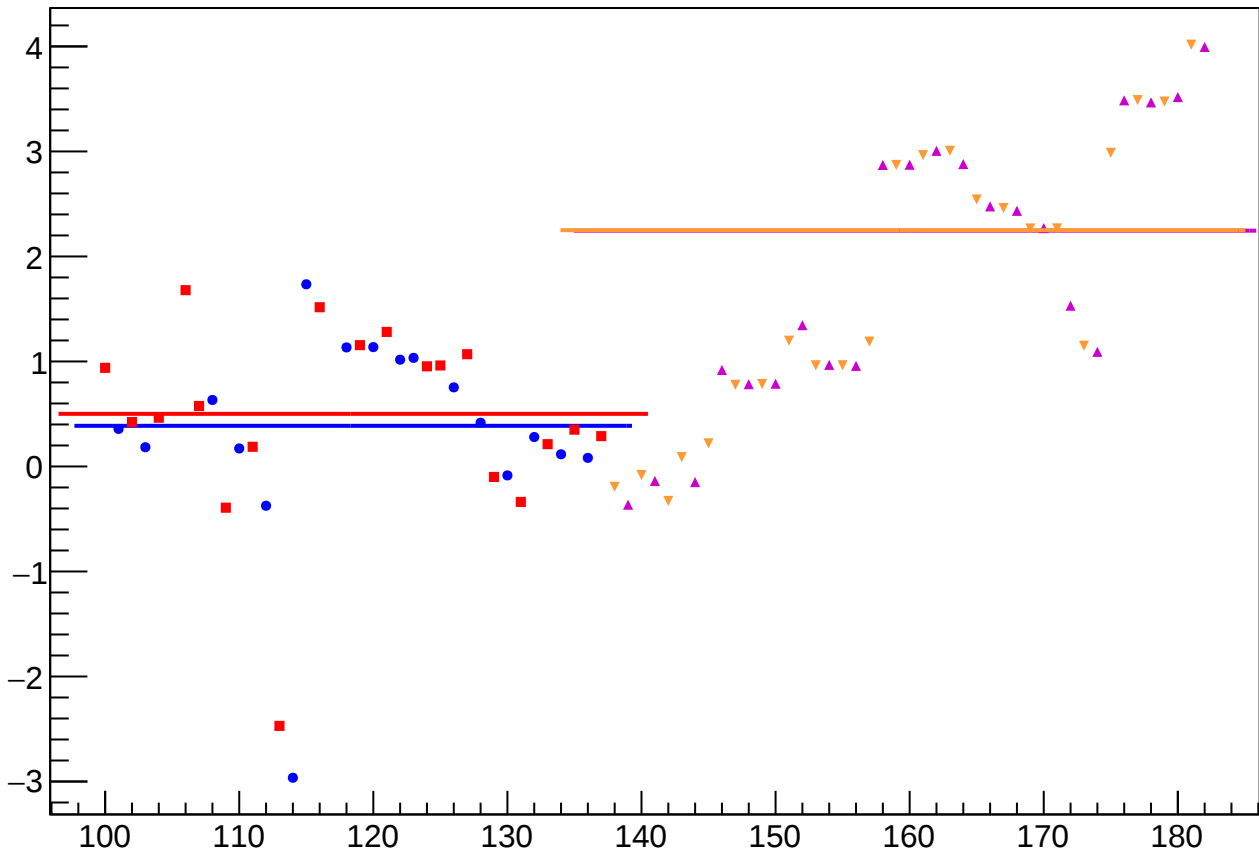
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:394135.3/21

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1910518.6/39

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3722061.8/80

- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 1808301.8/40

yield_bpm1X_mean vs Slug



Right In: 0.387 ± 0.000 χ^2/NDF : 243730591.1/16

Left Out: 2.250 ± 0.000 χ^2/NDF : 54133380682.0/22

Right Out: 0.501 ± 0.000 χ^2/NDF : 983060826.6/18

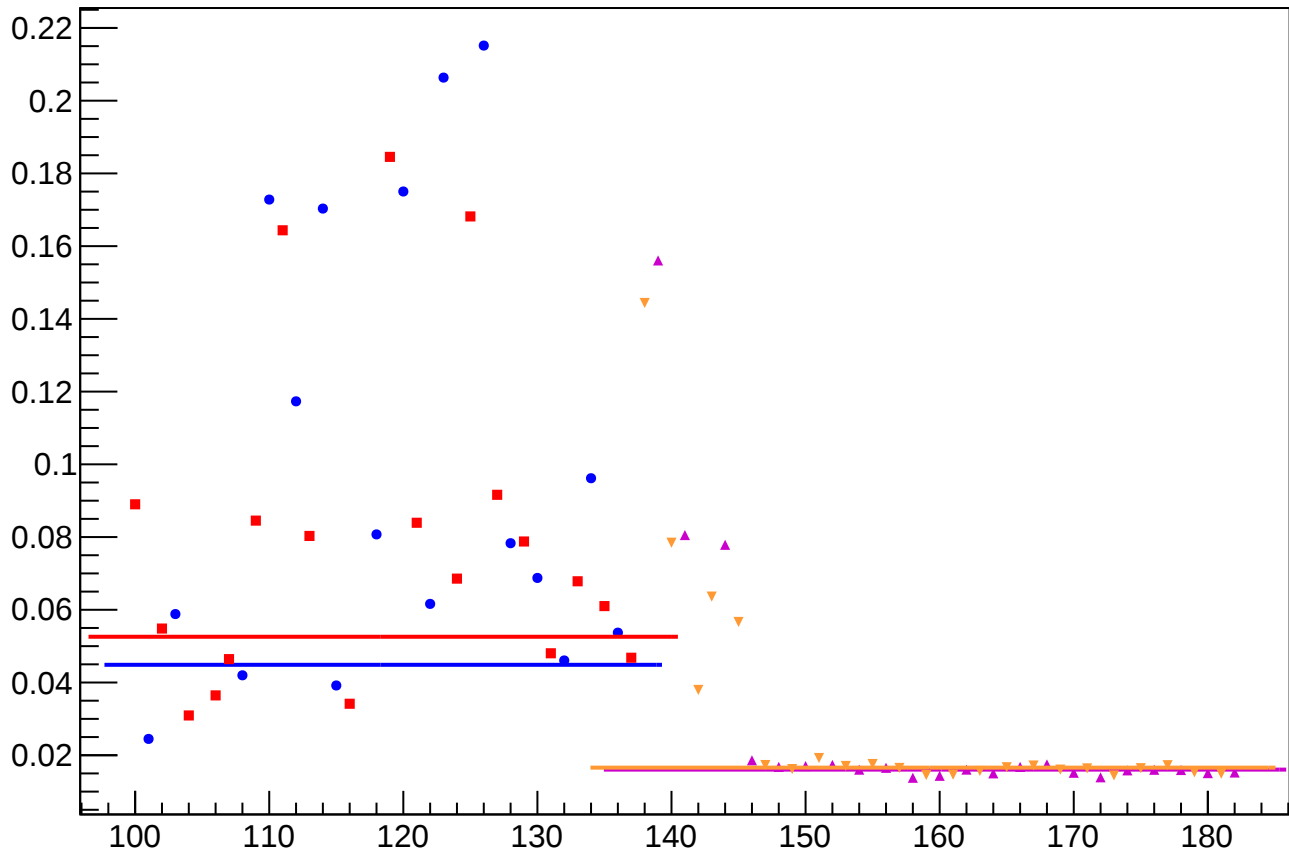
Left In: 2.245 ± 0.000 χ^2/NDF : 58347824050.6/21

+ sign 2.185 ± 0.000 χ^2/NDF : 60224595700.8/39

All: 2.191 ± 0.000 χ^2/NDF : 123952075684.8

- sign 2.196 ± 0.000 χ^2/NDF : 63724090400.1/40

yield_bpm1X_rms vs Slug



Right In: 0.045 $\pm$ 0.000 χ^2 /NDF: 2772873.5/16

Left Out: 0.017 $\pm$ 0.000 χ^2 /NDF:2812025.4/22

Right Out: 0.053 $\pm$ 0.000 χ^2 /NDF: 2178932.6/18

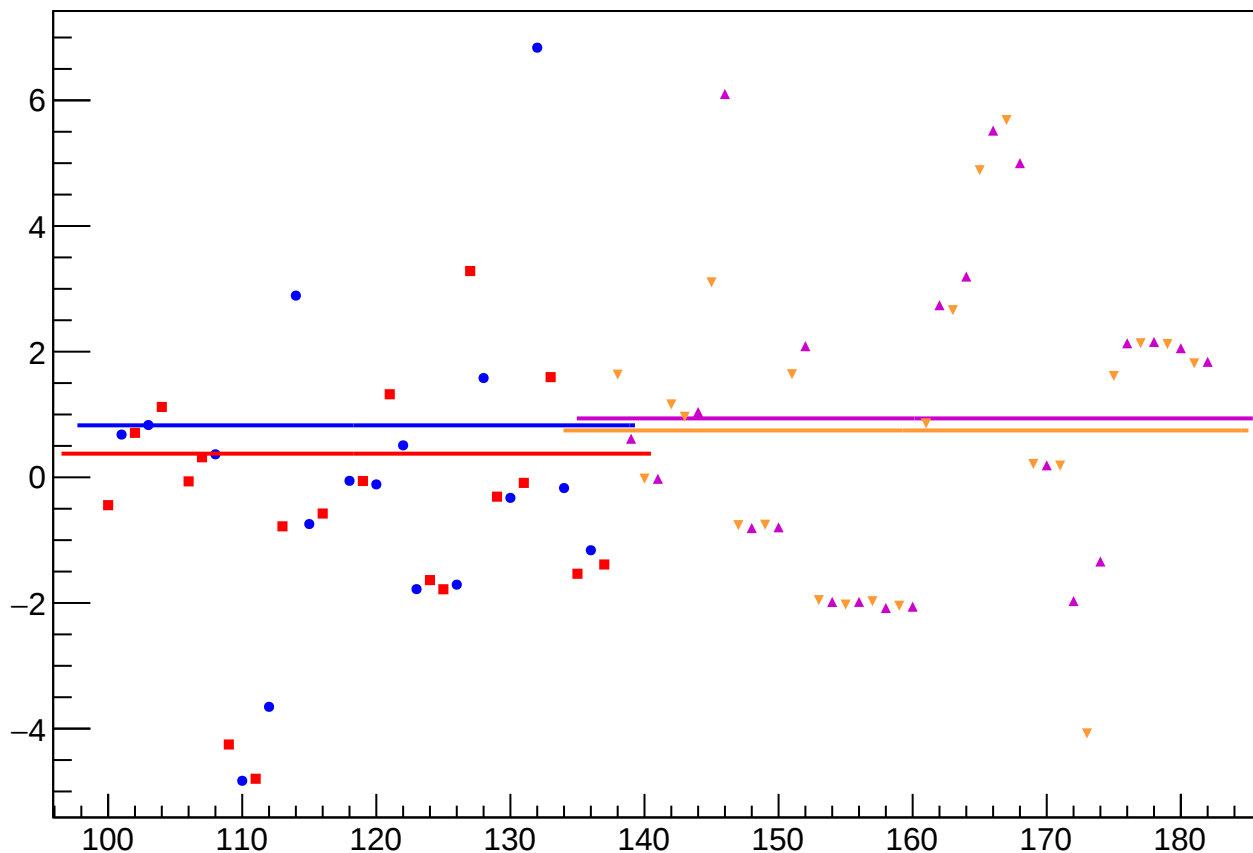
Left In: 0.016 $\pm$ 0.000 χ^2 /NDF:2462248.1/21

+ sign 0.018 $\pm$ 0.000 χ^2 /NDF: 8278795.3/39

All: 0.017 $\pm$ 0.000 χ^2 /NDF: 16788591.3/80

- sign 0.017 $\pm$ 0.000 χ^2 /NDF: 8496597.2/40

yield_bpm1Y_mean vs Slug



Right In: 0.827 ± 0.000 χ^2/NDF : 10943374014.3/16

Left Out: 0.746 ± 0.000 χ^2/NDF : 502527744088.2/22

Right Out: 0.377 ± 0.000 χ^2/NDF : 4942288775.5/18

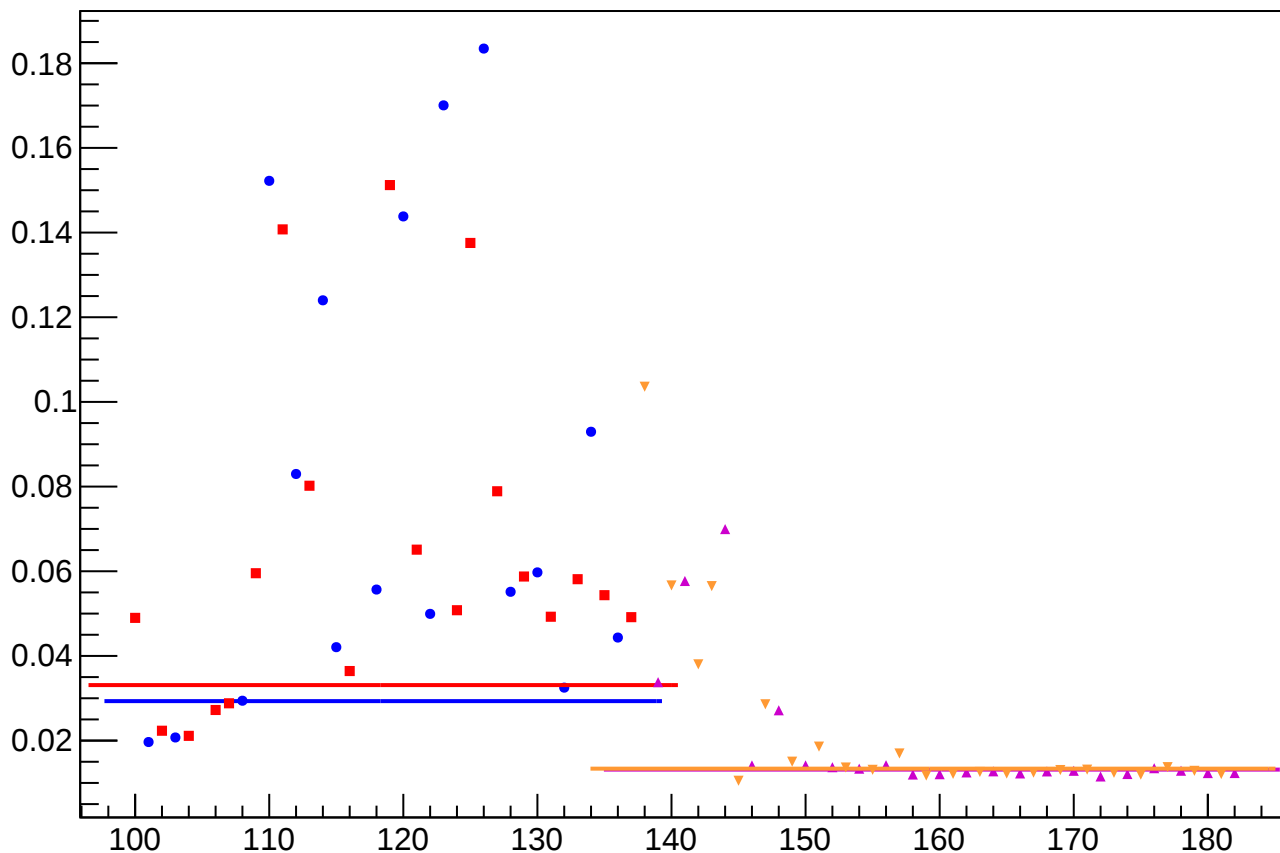
Left In: 0.938 ± 0.000 χ^2/NDF : 573654708847.8/21

+ sign 0.750 ± 0.000 χ^2/NDF : 513495667485.1/39

All: 0.834 ± 0.000 χ^2/NDF : 1094310724824.

- sign 0.915 ± 0.000 χ^2/NDF : 579651468995.8/40

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2967975.9/16

Left Out: 0.013+/-0.000 χ^2/NDF : 2913795.9/22

Right Out: 0.033+/-0.000 χ^2/NDF : 3080799.9/18

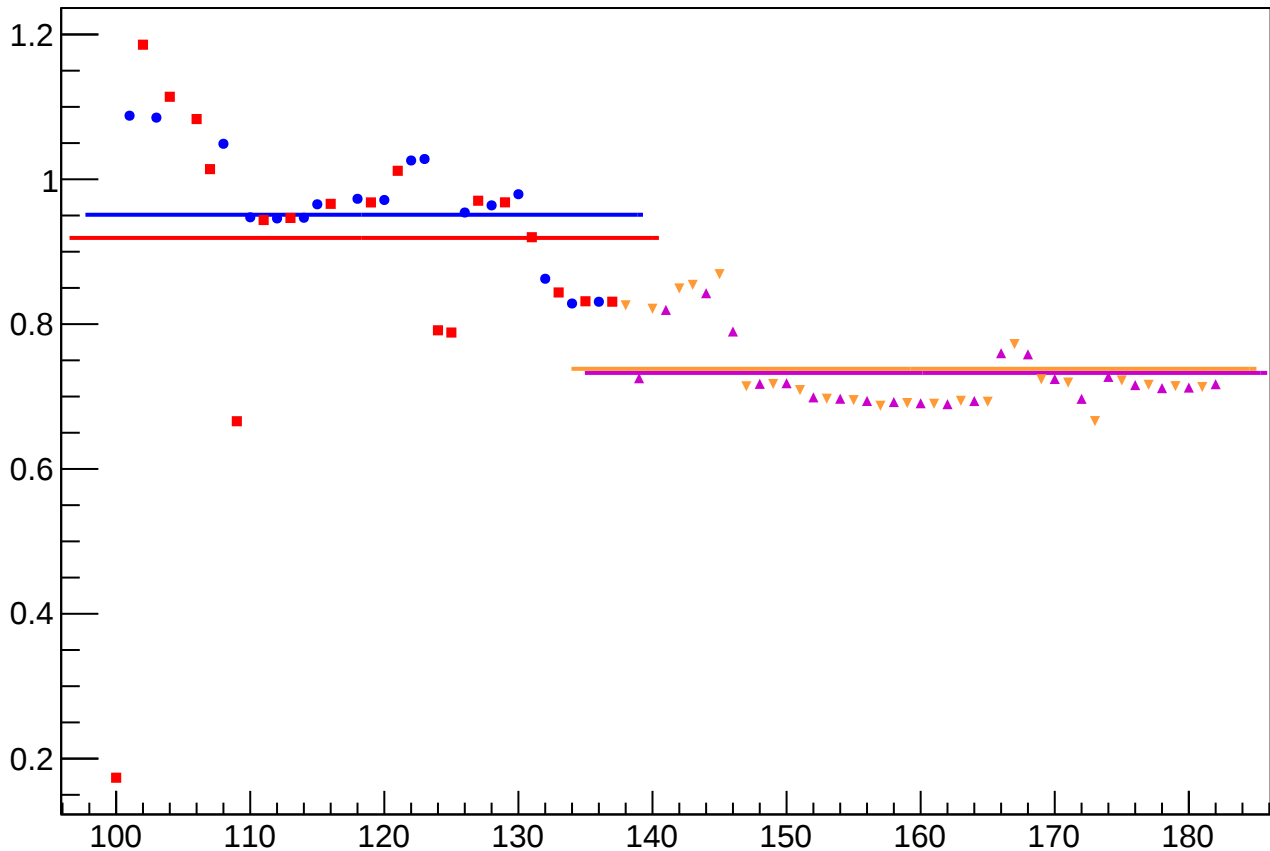
Left In: 0.013+/-0.000 χ^2/NDF : 1966639.3/21

+ sign 0.014+/-0.000 χ^2/NDF : 7787788.1/39

All: 0.014+/-0.000 χ^2/NDF : 15509766.6/80

- sign 0.014+/-0.000 χ^2/NDF : 7719249.8/40

yield_bpm11X_mean vs Slug



Right In: 0.951 $\pm$ 0.000 χ^2 /NDF: 174262904.5/16

Left Out: 0.738 $\pm$ 0.000 χ^2 /NDF: 297039059.7/22

+ sign 0.796 $\pm$ 0.000 χ^2 /NDF: 1470370501.3/39

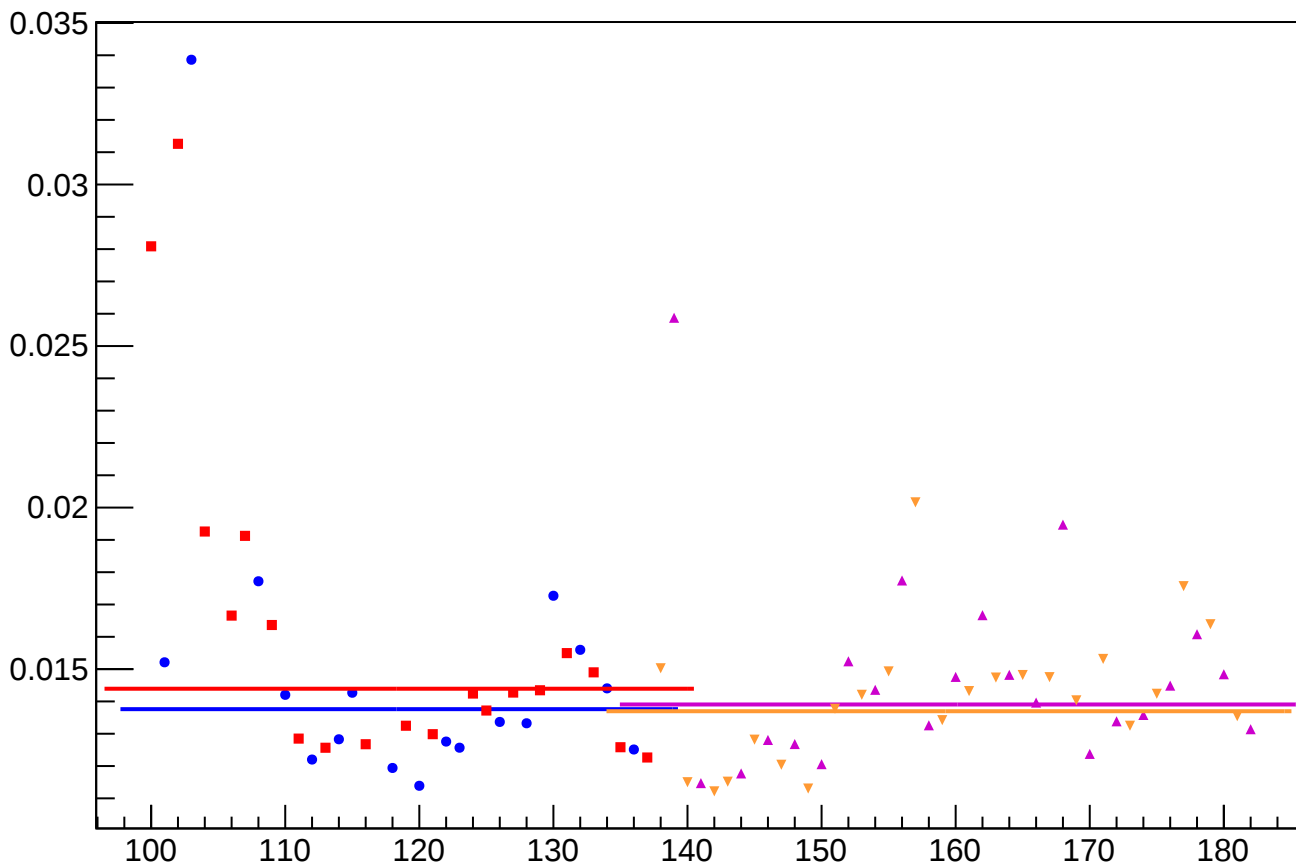
Right Out: 0.919 $\pm$ 0.000 χ^2 /NDF: 374649317.1/18

All: 0.790 $\pm$ 0.000 χ^2 /NDF: 2766564688.1/80

Left In: 0.733 $\pm$ 0.000 χ^2 /NDF: 170356605.1/21

- sign 0.783 $\pm$ 0.000 χ^2 /NDF: 1286780937.7/40

yield_bpm11X_rms vs Slug



Right In: 0.014 ± 0.000 χ^2/NDF : 538388.7/16

Left Out: 0.014 ± 0.000 χ^2/NDF : 513726.4/22

Right Out: 0.014 ± 0.000 χ^2/NDF : 504068.1/18

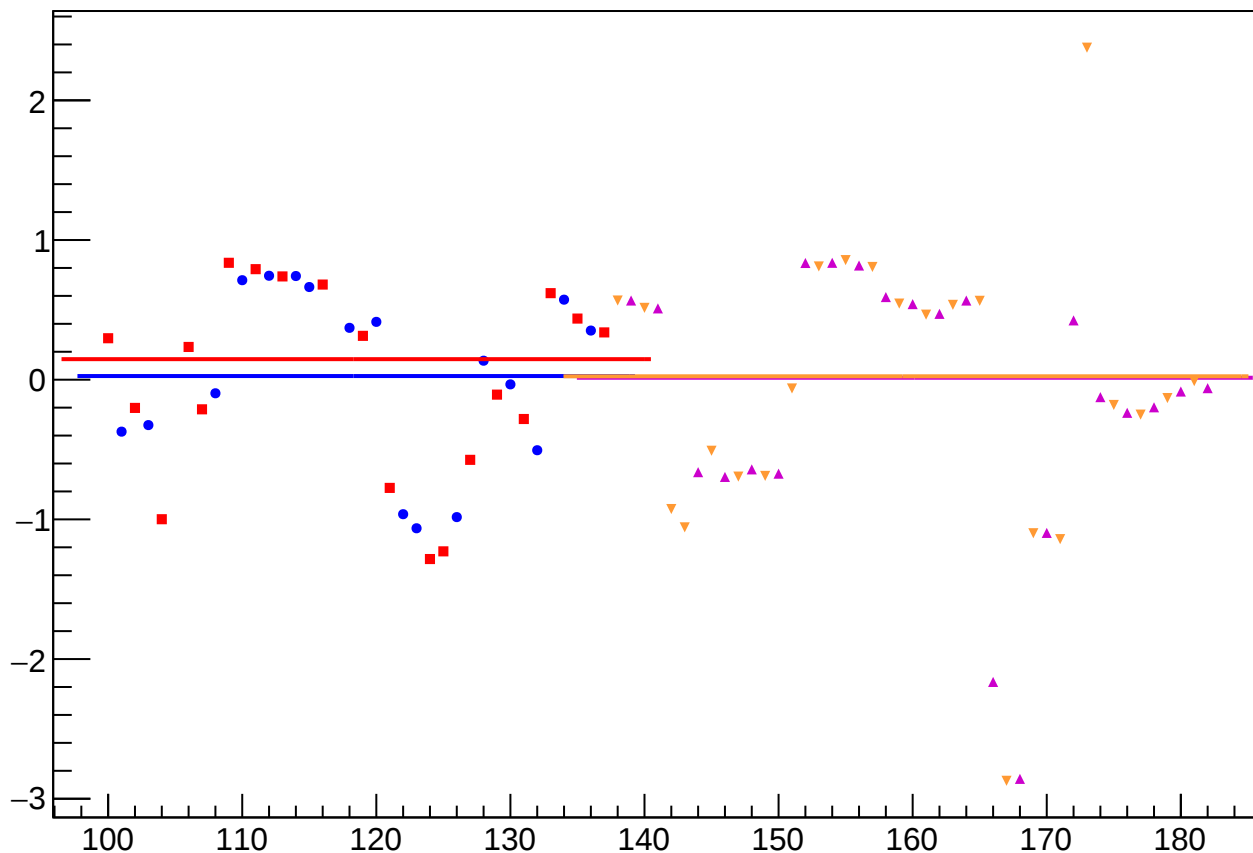
Left In: 0.014 ± 0.000 χ^2/NDF : 794039.6/21

+ sign 0.014 ± 0.000 χ^2/NDF : 1052295.7/39

All: 0.014 ± 0.000 χ^2/NDF : 2372021.3/80

- sign 0.014 ± 0.000 χ^2/NDF : 1308247.7/40

yield_bpm11Y_mean vs Slug



Right In: 0.026 $\pm$ 0.000 χ^2 /NDF: 6307097032.6/16

Left Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 95294232469.5/22

Right Out: 0.147 $\pm$ 0.000 χ^2 /NDF: 12778628282.5/18

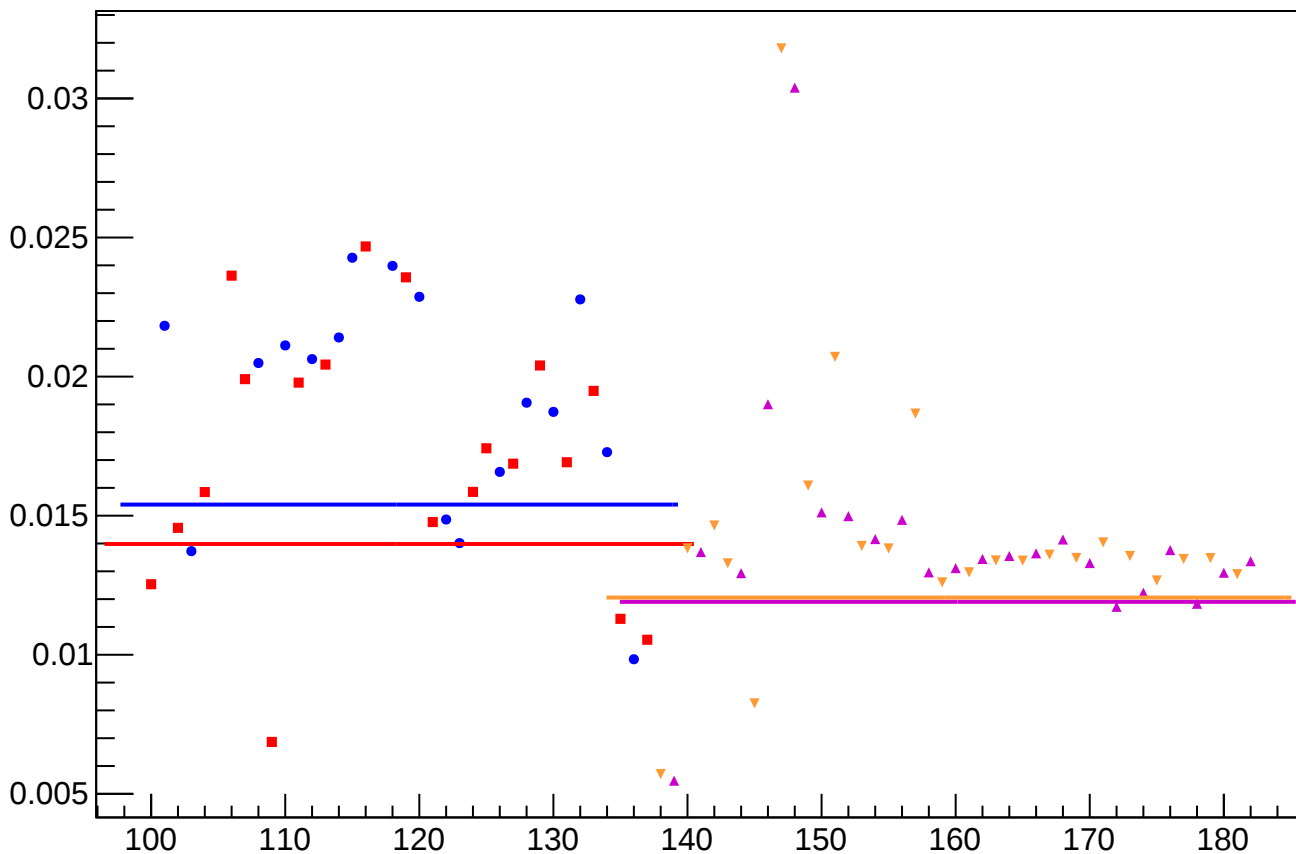
Left In: 0.014 $\pm$ 0.000 χ^2 /NDF: 79439744314.3/21

+ sign 0.025 $\pm$ 0.000 χ^2 /NDF: 101601389678.2/39

All: 0.034 $\pm$ 0.000 χ^2 /NDF: 194237760284.1

- sign 0.042 $\pm$ 0.000 χ^2 /NDF: 92616039415.5/40

yield_bpm11Y_rms vs Slug



Right In: 0.015 $\pm$ 0.000 χ^2/NDF : 1140025.0/16

Left Out: 0.012 $\pm$ 0.000 χ^2/NDF : 3094301.8/22

Right Out: 0.014 $\pm$ 0.000 χ^2/NDF : 1557209.7/18

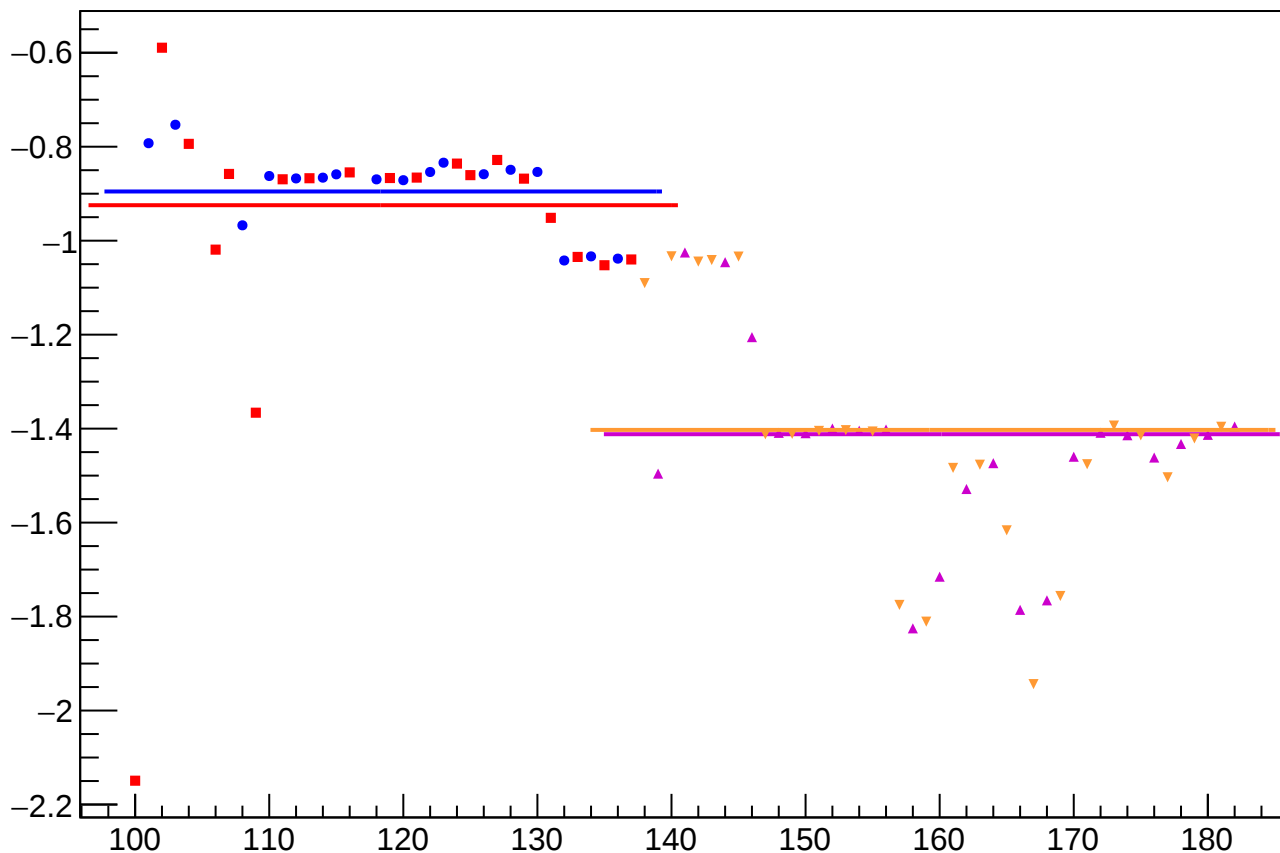
Left In: 0.012 $\pm$ 0.000 χ^2/NDF : 3098984.6/21

+ sign 0.013 $\pm$ 0.000 χ^2/NDF : 4662949.6/39

All: 0.013 $\pm$ 0.000 χ^2/NDF : 9527125.1/80

- sign 0.012 $\pm$ 0.000 χ^2/NDF : 4850270.1/40

yield_bpm12X_mean vs Slug



Right In: -0.895+/-0.000 χ^2/NDF : 37924701.6/16

Left Out: -1.403+/-0.000 χ^2/NDF : 718109430.8/22

Right Out: -0.925+/-0.000 χ^2/NDF : 128433305.9/18

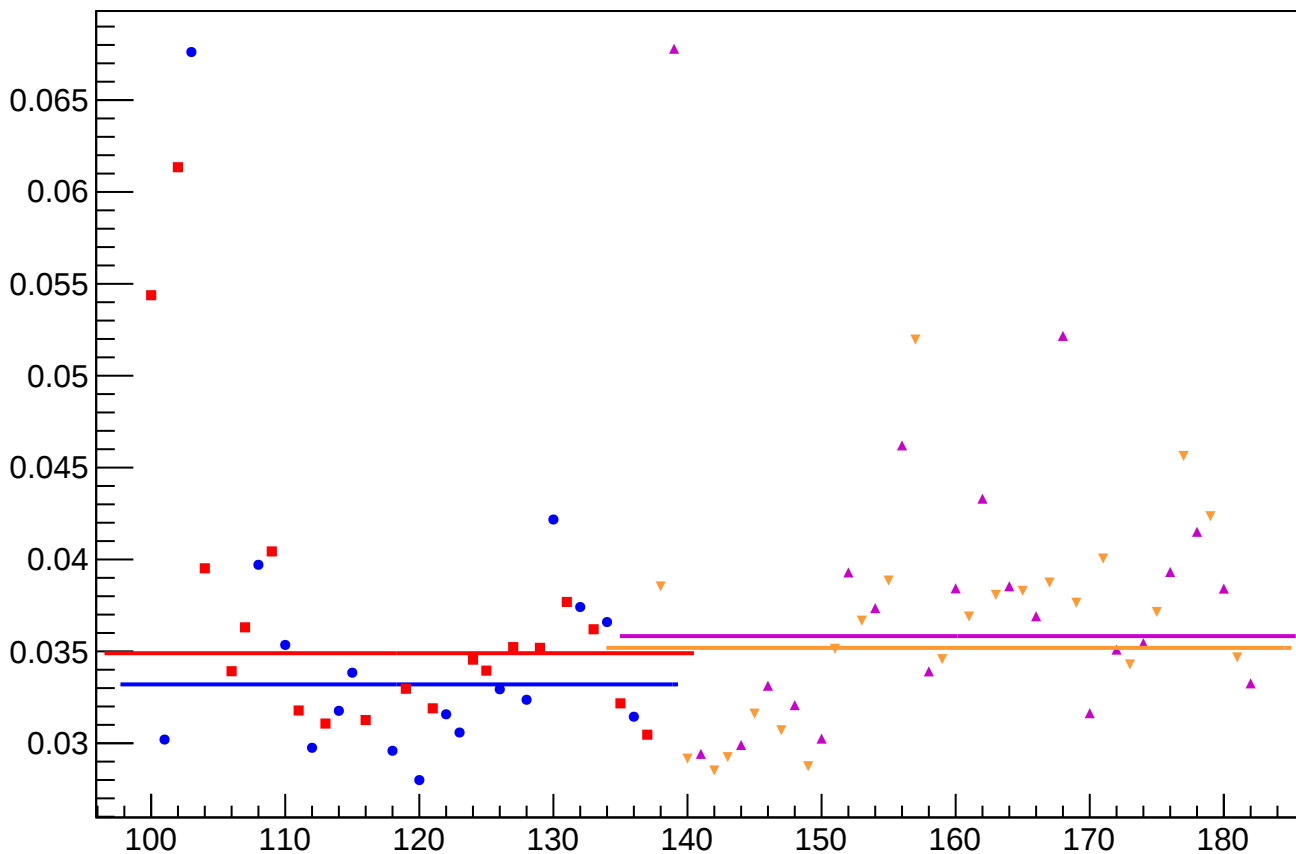
Left In: -1.412+/-0.000 χ^2/NDF : 512528426.4/21

+ sign -1.250+/-0.000 χ^2/NDF : 1702189466.9/39

All: -1.258+/-0.000 χ^2/NDF : 3182857865.1/8

- sign -1.266+/-0.000 χ^2/NDF : 1478477135.2/40

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 399489.1/16

Left Out: 0.035+/-0.000 χ^2/NDF : 579533.1/22

Right Out: 0.035+/-0.000 χ^2/NDF : 275503.7/18

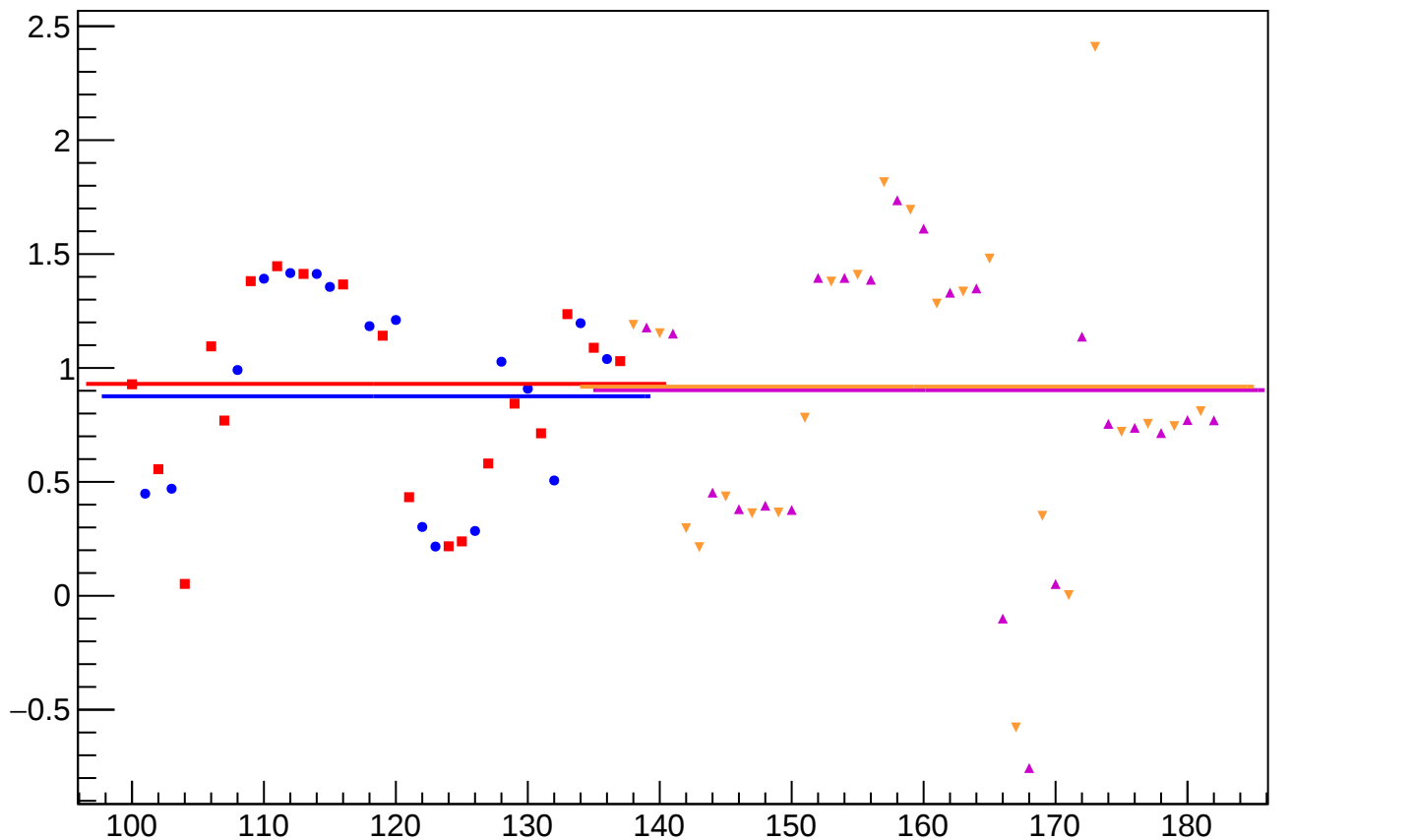
Left In: 0.036+/-0.000 χ^2/NDF : 890897.3/21

+ sign 0.035+/-0.000 χ^2/NDF : 1008065.3/39

All: 0.035+/-0.000 χ^2/NDF : 2196326.4/80

- sign 0.036+/-0.000 χ^2/NDF : 1172499.4/40

yield_bpm12Y_mean vs Slug



Right In: 0.876+/-0.000 χ^2/NDF : 6459481069.8/16

Left Out: 0.918+/-0.000 χ^2/NDF : 83206085536.2/22

Right Out: 0.930+/-0.000 χ^2/NDF : 9956405982.6/18

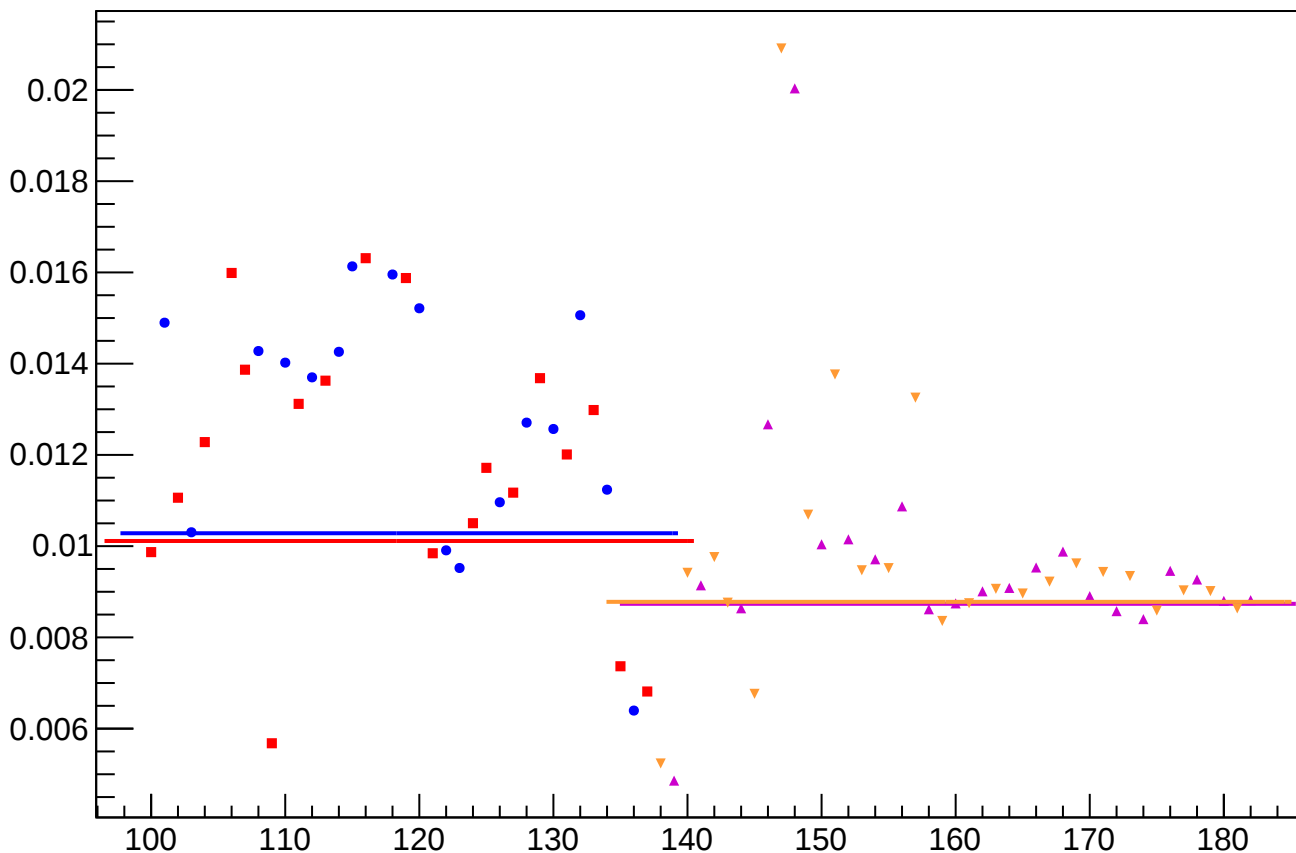
Left In: 0.903+/-0.000 χ^2/NDF : 66879161750.9/21

+ sign 0.909+/-0.000 χ^2/NDF : 89739676562.7/39

All: 0.909+/-0.000 χ^2/NDF : 166608684202.3

- sign 0.909+/-0.000 χ^2/NDF : 76868933194.8/40

yield_bpm12Y_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1205873.2/16

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:1697971.9/22

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1173455.7/18

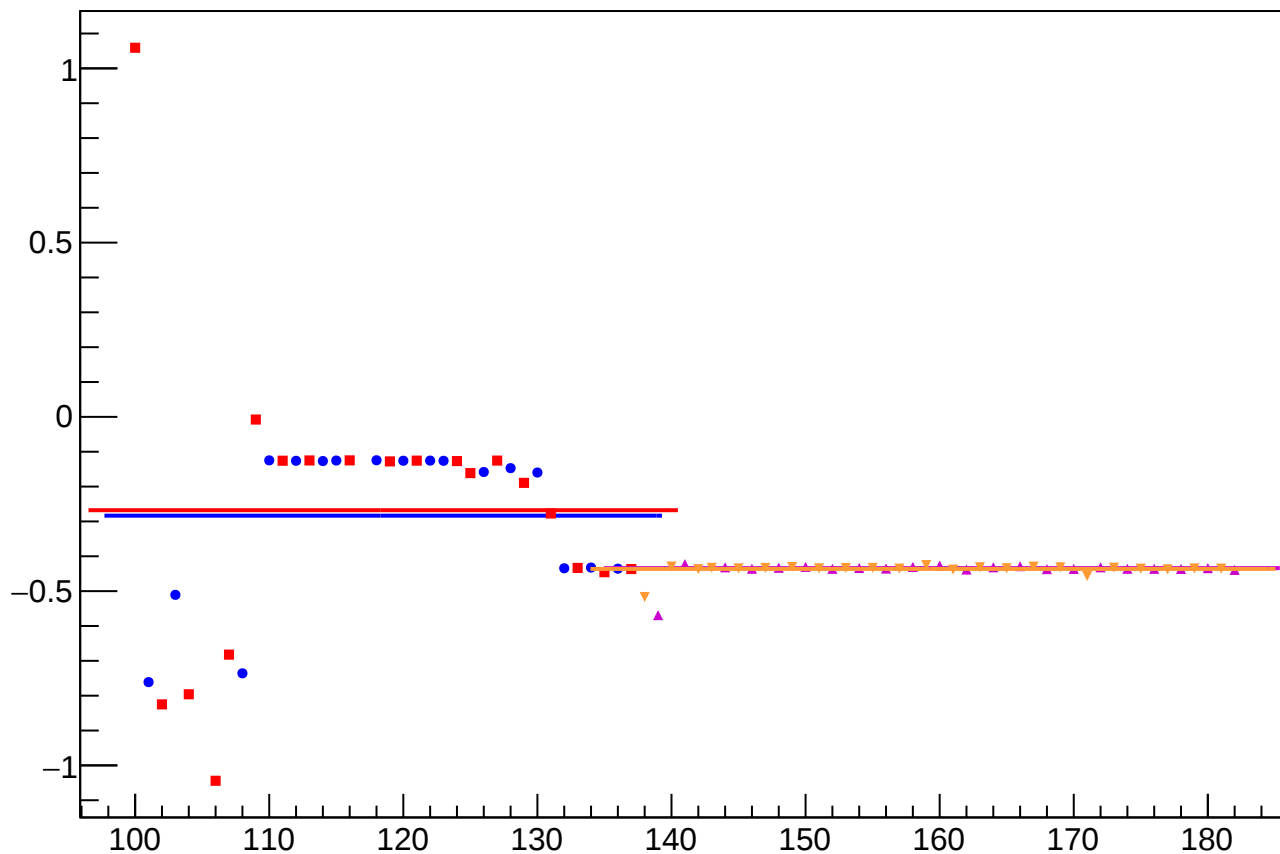
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:1669983.7/21

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 3092543.0/39

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 6105372.0/80

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 3012244.6/40

yield_bpm16X_mean vs Slug



Right In: -0.283 ± 0.000 χ^2/NDF : 894148140.5/16

Left Out: -0.436 ± 0.000 χ^2/NDF : 28775744.1/22

Right Out: -0.268 ± 0.000 χ^2/NDF : 965641428.6/18

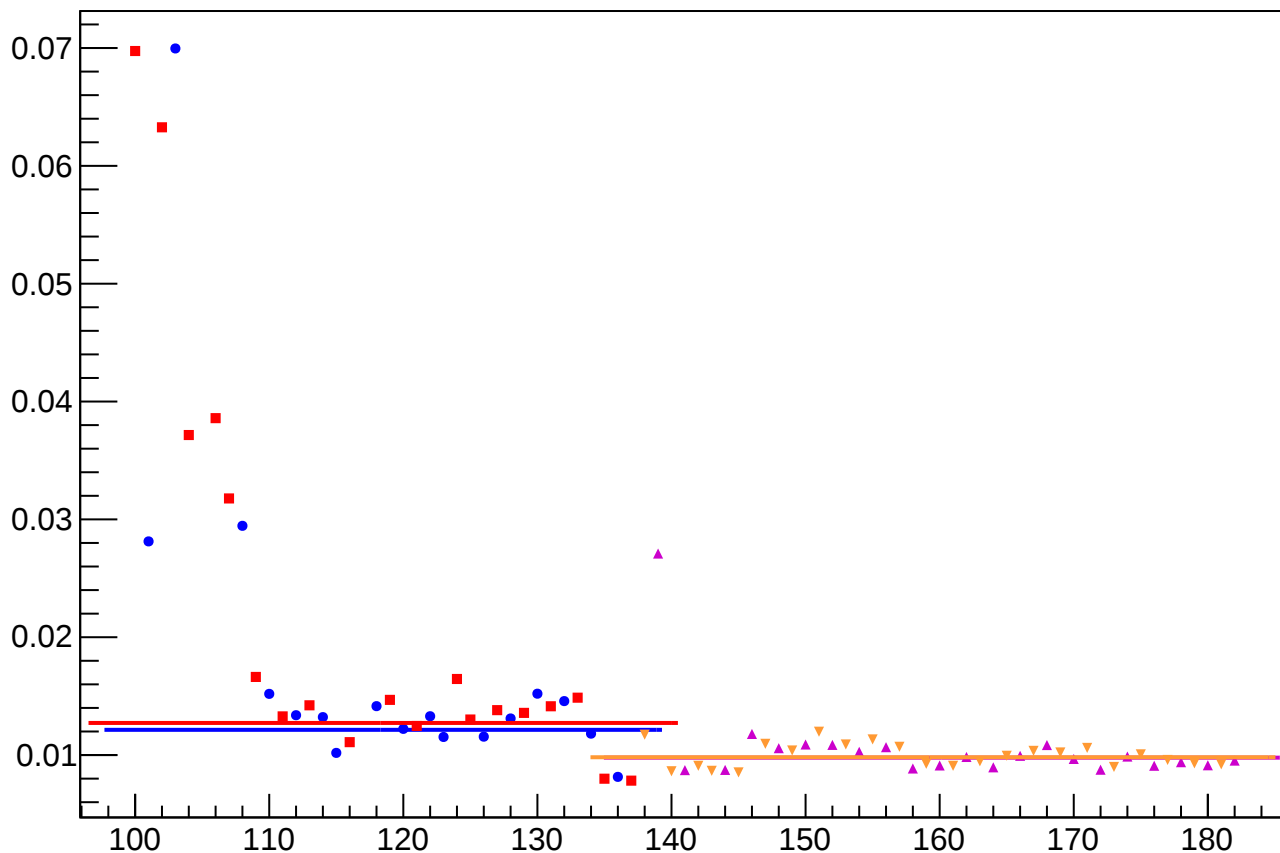
Left In: -0.434 ± 0.000 χ^2/NDF : 20161259.3/21

+ sign -0.410 ± 0.000 χ^2/NDF : 1533038621.1/39

All: -0.408 ± 0.000 χ^2/NDF : 3206185650.3/8

- sign -0.407 ± 0.000 χ^2/NDF : 1671949790.0/40

yield_bpm16X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1720286.9/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:262241.8/22

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1968271.3/18

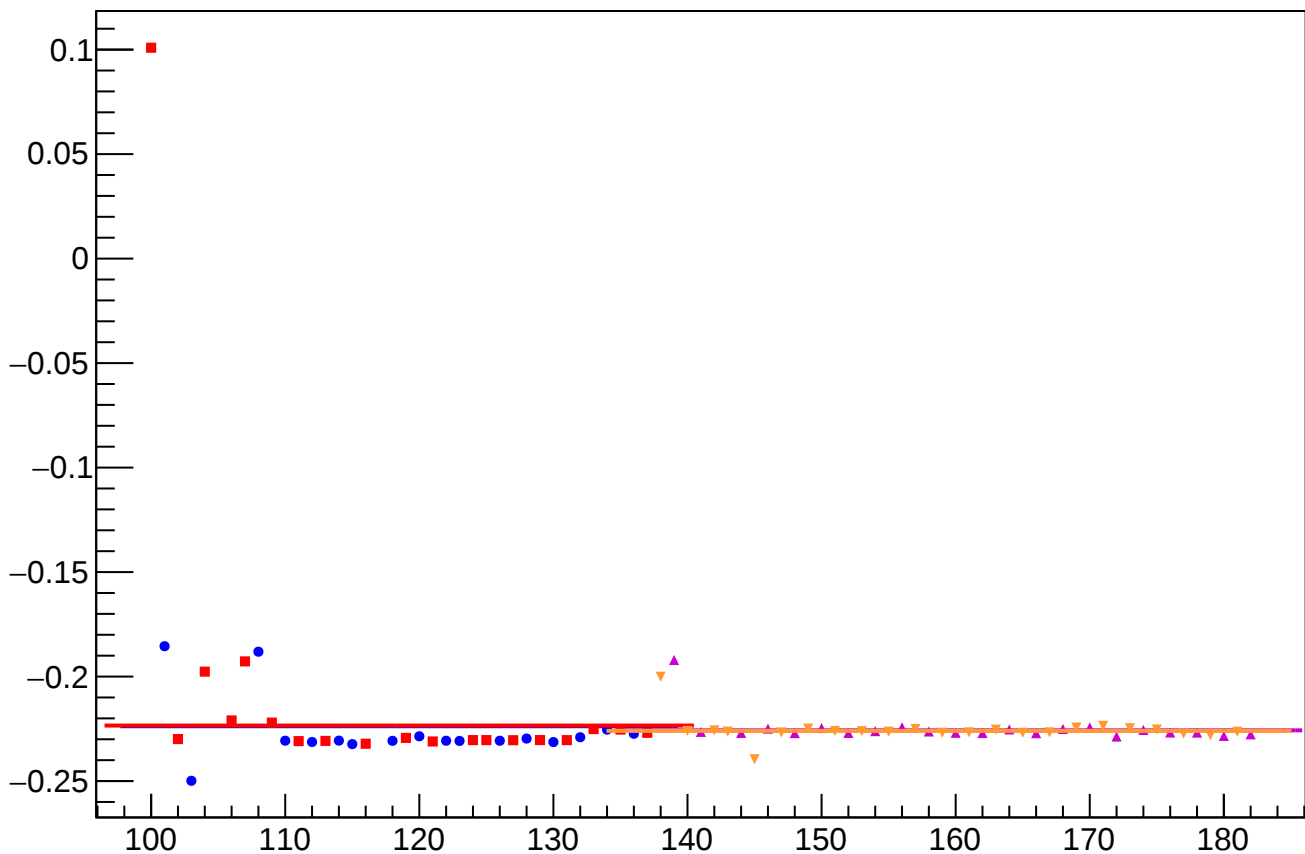
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:785786.0/21

+ sign 0.010 $\pm$ 0.000 χ^2 /NDF: 2265574.9/39

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 5451369.2/80

- sign 0.010 $\pm$ 0.000 χ^2 /NDF: 3185247.4/40

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2 /NDF: 74201194.4/16

Left Out: -0.226+/-0.000 χ^2 /NDF: 21100043.4/22

Right Out: -0.223+/-0.000 χ^2 /NDF: 167794506.7/18

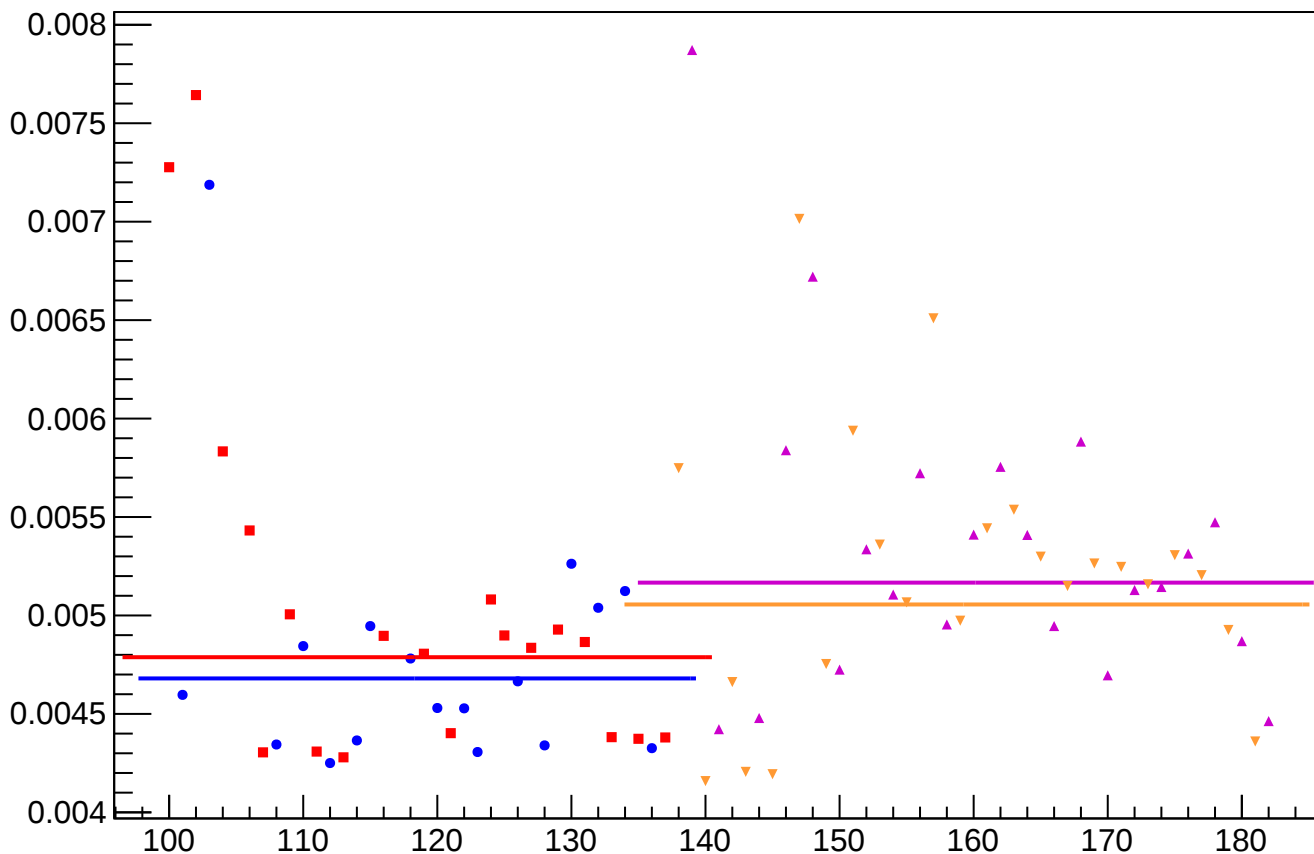
Left In: -0.226+/-0.000 χ^2 /NDF: 13716121.8/21

+ sign -0.225+/-0.000 χ^2 /NDF: 96240090.3/39

All: -0.225+/-0.000 χ^2 /NDF: 278784635.4/80

- sign -0.225+/-0.000 χ^2 /NDF: 182503078.6/40

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 180080.7/16

Left Out: 0.005+/-0.000 χ^2/NDF : 500424.2/22

Right Out: 0.005+/-0.000 χ^2/NDF : 248599.9/18

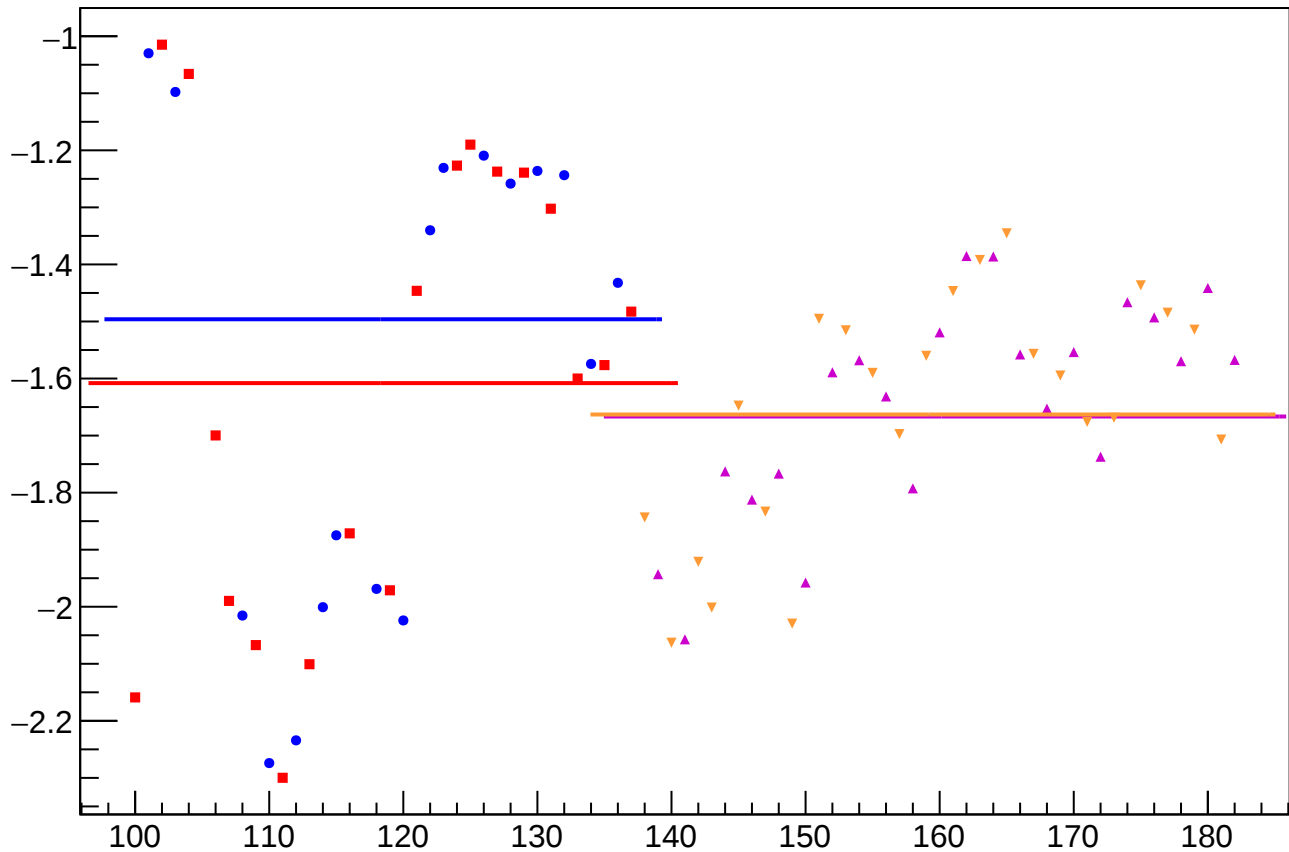
Left In: 0.005+/-0.000 χ^2/NDF : 487749.7/21

+ sign 0.005+/-0.000 χ^2/NDF : 734345.9/39

All: 0.005+/-0.000 χ^2/NDF : 1535014.2/80

- sign 0.005+/-0.000 χ^2/NDF : 790962.1/40

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22454192322.7/16

Left Out: -1.663+/-0.000 χ^2/NDF : 17944516014.5/22

Right Out: -1.608+/-0.000 χ^2/NDF : 27842216222.3/18

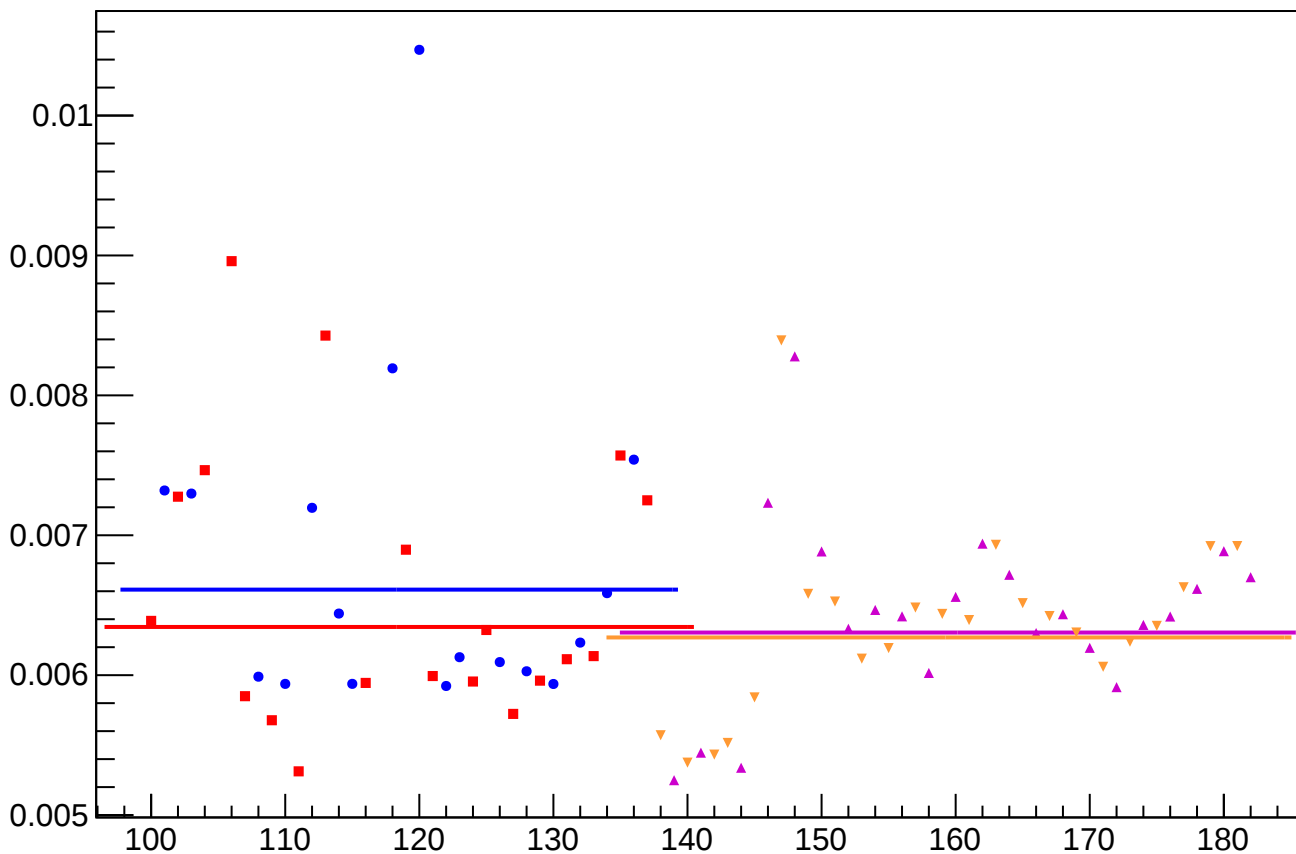
Left In: -1.667+/-0.000 χ^2/NDF : 14611625673.6/21

+ sign -1.622+/-0.000 χ^2/NDF : 43297494770.8/39

All: -1.636+/-0.000 χ^2/NDF : 86373497421.6/40

- sign -1.650+/-0.000 χ^2/NDF : 42853568670.8/40

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 199824.5/16

Left Out: 0.006+/-0.000 χ^2/NDF :267205.9/22

Right Out: 0.006+/-0.000 χ^2/NDF : 228249.0/18

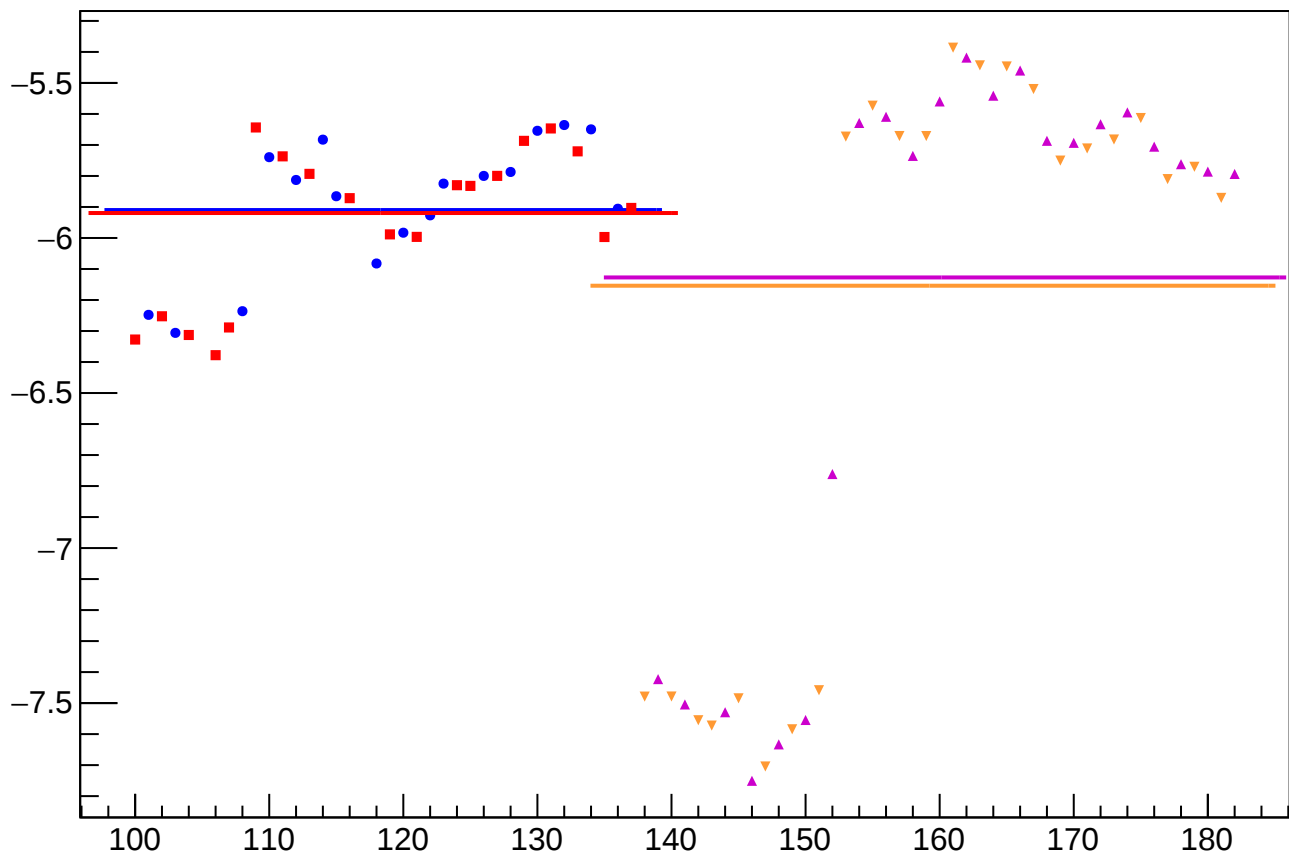
Left In: 0.006+/-0.000 χ^2/NDF :320522.9/21

+ sign 0.006+/-0.000 χ^2/NDF : 491355.9/39

All: 0.006+/-0.000 χ^2/NDF : 1041312.0/80

- sign 0.006+/-0.000 χ^2/NDF : 549143.7/40

yield_bpm0l01Y_mean vs Slug



Right In: -5.910+/-0.000 χ^2/NDF : 11105112836.5/16

Left Out: -6.154+/-0.000 χ^2/NDF : 181559238284.0/22

Right Out: -5.919+/-0.000 χ^2/NDF : 12816906660.3/18

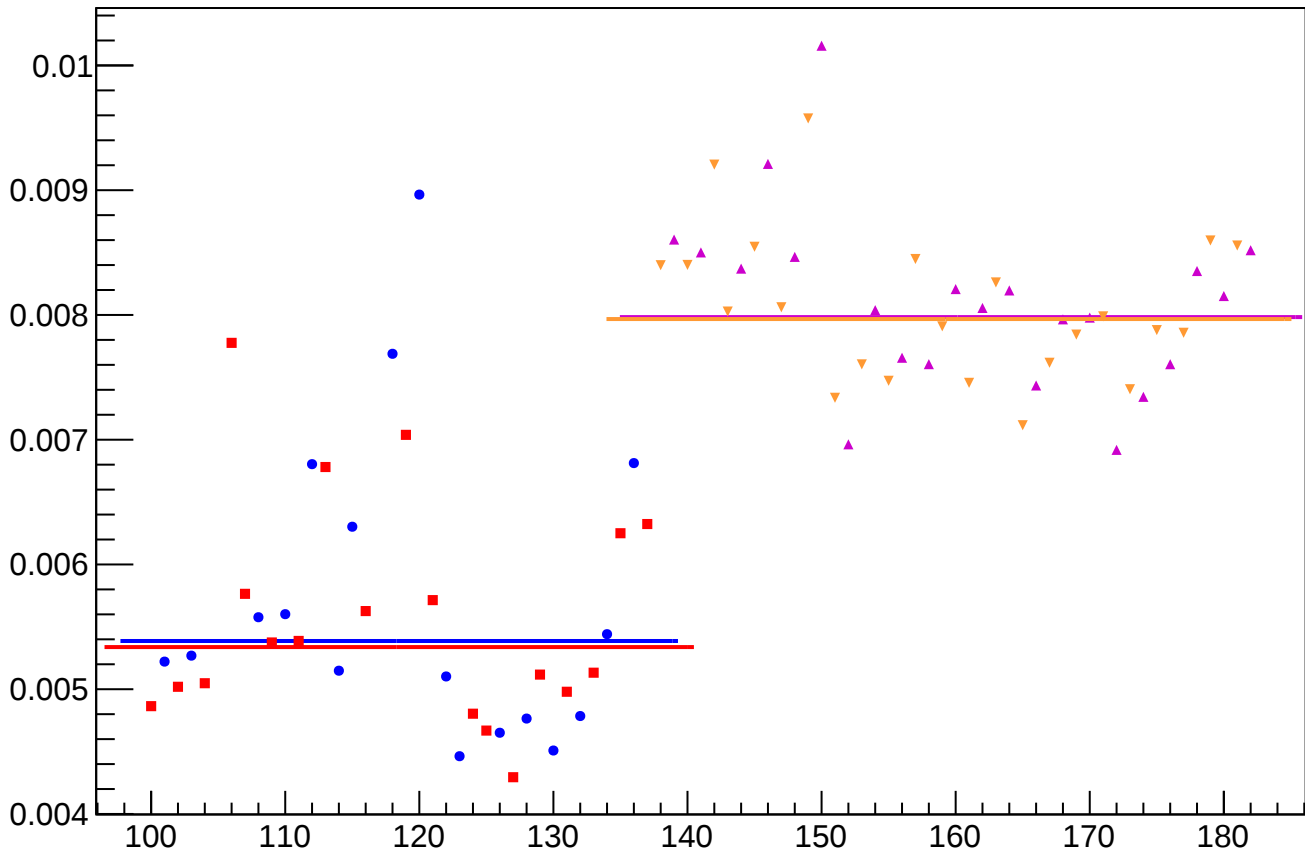
Left In: -6.127+/-0.000 χ^2/NDF : 159281479128.3/21

+ sign -6.045+/-0.000 χ^2/NDF : 199289669766.2/39

All: -6.036+/-0.000 χ^2/NDF : 376497705279.3

- sign -6.028+/-0.000 χ^2/NDF : 177147021527.1/40

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 346475.5/16

Left Out: 0.008+/-0.000 χ^2/NDF :141006.9/22

Right Out: 0.005+/-0.000 χ^2/NDF : 246912.5/18

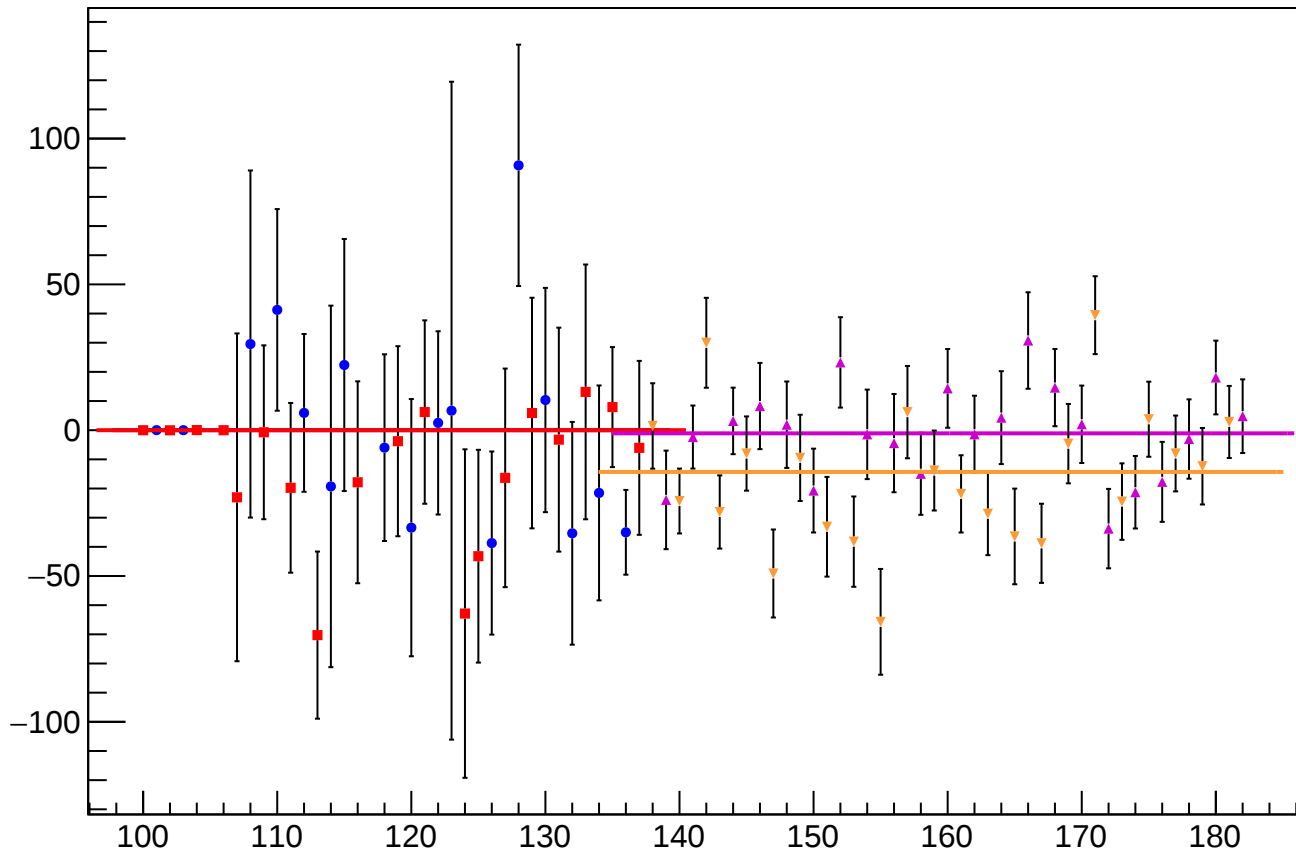
Left In: 0.008+/-0.000 χ^2/NDF :213083.1/21

+ sign 0.007+/-0.000 χ^2/NDF : 1969283.9/39

All: 0.007+/-0.000 χ^2/NDF : 4069165.5/80

- sign 0.007+/-0.000 χ^2/NDF : 2096361.0/40

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 16.3/16

Left Out: -14.313 ± 2.895 χ^2/NDF : 58.3/22

Right Out: 0.003 ± 0.016 χ^2/NDF : 14.9/18

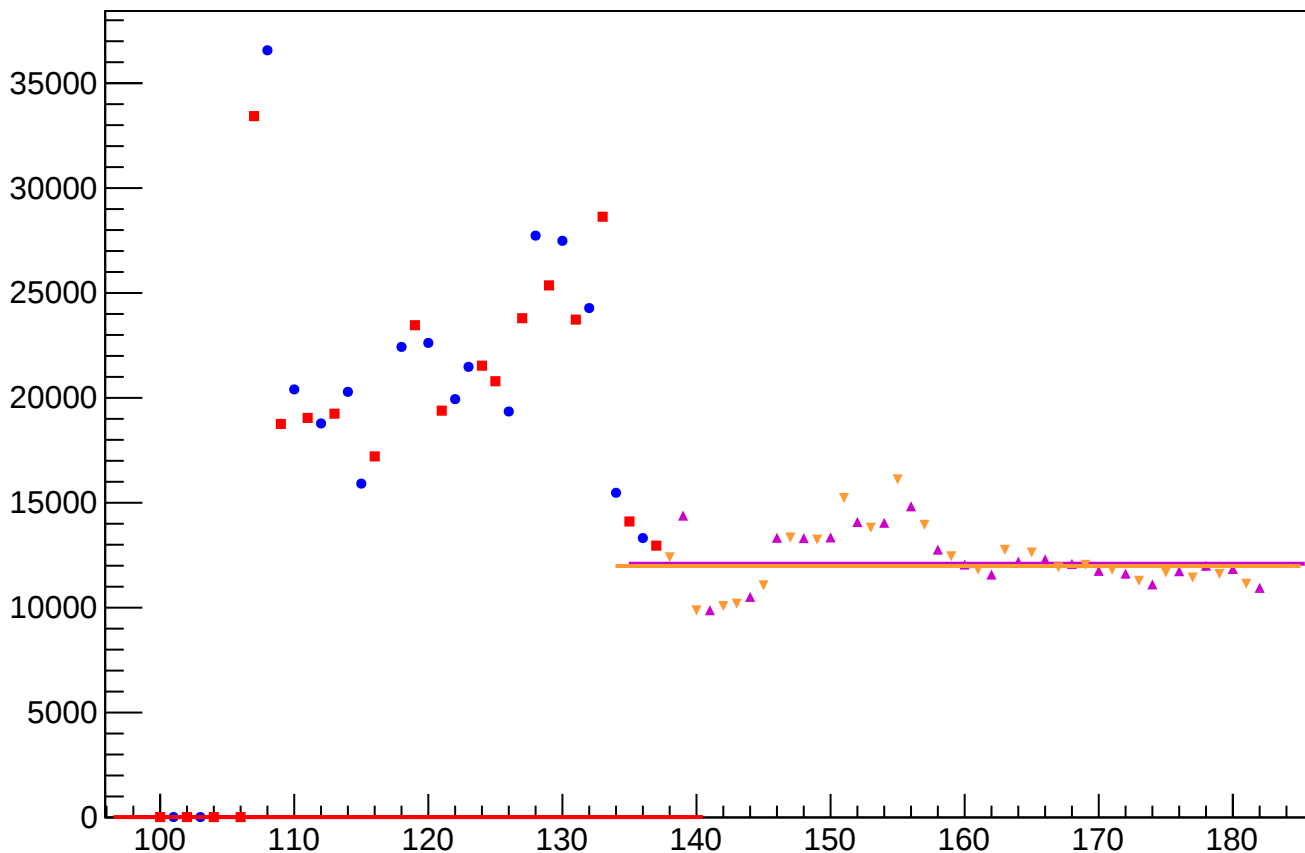
Left In: -1.084 ± 2.936 χ^2/NDF : 26.7/21

+ sign 0.013 ± 0.017 χ^2/NDF : 99.0/39

All: 0.008 ± 0.012 χ^2/NDF : 141.0/80

- sign 0.003 ± 0.016 χ^2/NDF : 41.8/40

diff_cav4bX_rms vs Slug



Right In: 18.640+/-0.012 χ^2/NDF : 10799270.4/16

Left Out: 11986.537+/-2.047 χ^2/NDF : 454058.4/22

Right Out: 18.311+/-0.011 χ^2/NDF : 11056055.0/18

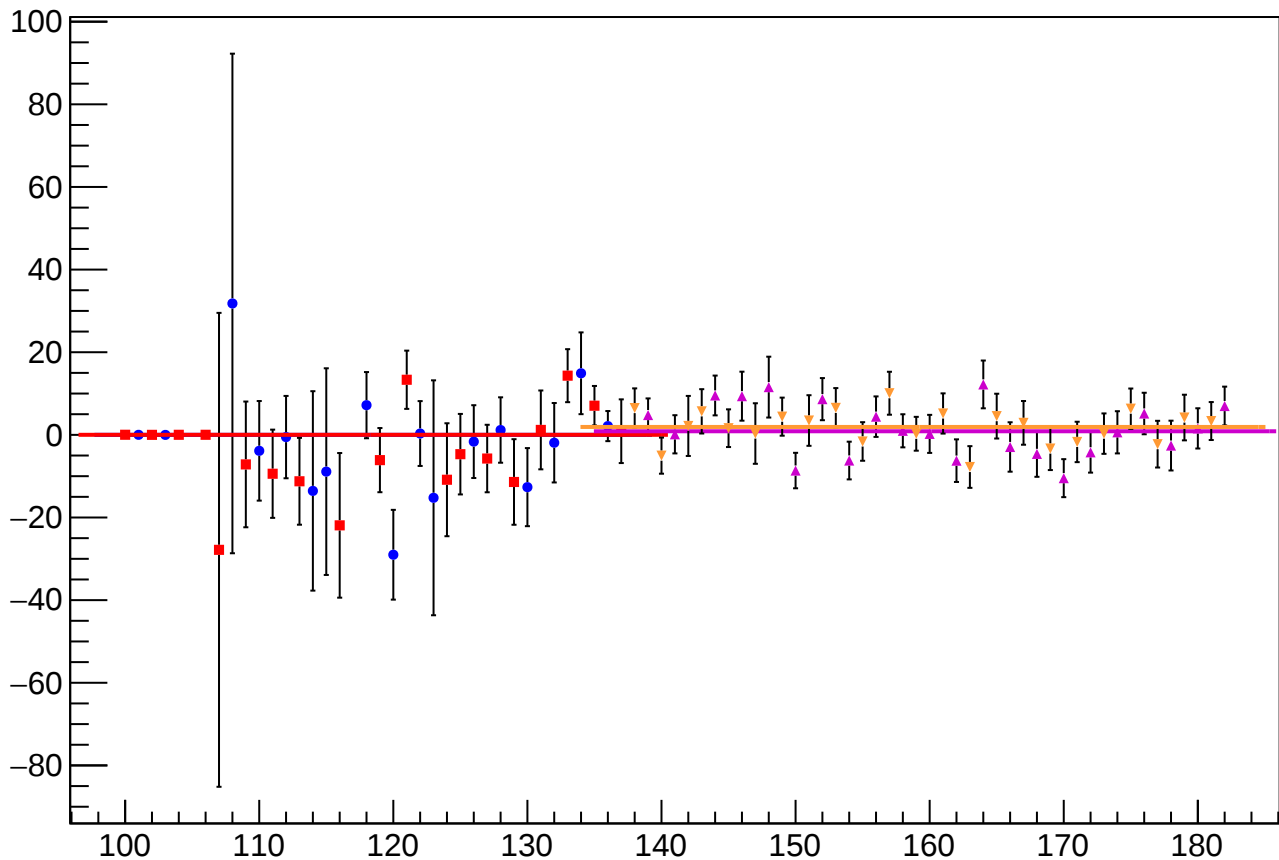
Left In: 12093.169+/-2.076 χ^2/NDF : 363380.0/21

+ sign 19.069+/-0.012 χ^2/NDF : 45428386.5/39

All: 18.856+/-0.008 χ^2/NDF : 90668828.2/80

- sign 18.673+/-0.011 χ^2/NDF : 45239878.8/40

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.6/16

Left Out: 1.915 $\pm$ 1.053 χ^2 /NDF:16.2/22

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.6/18

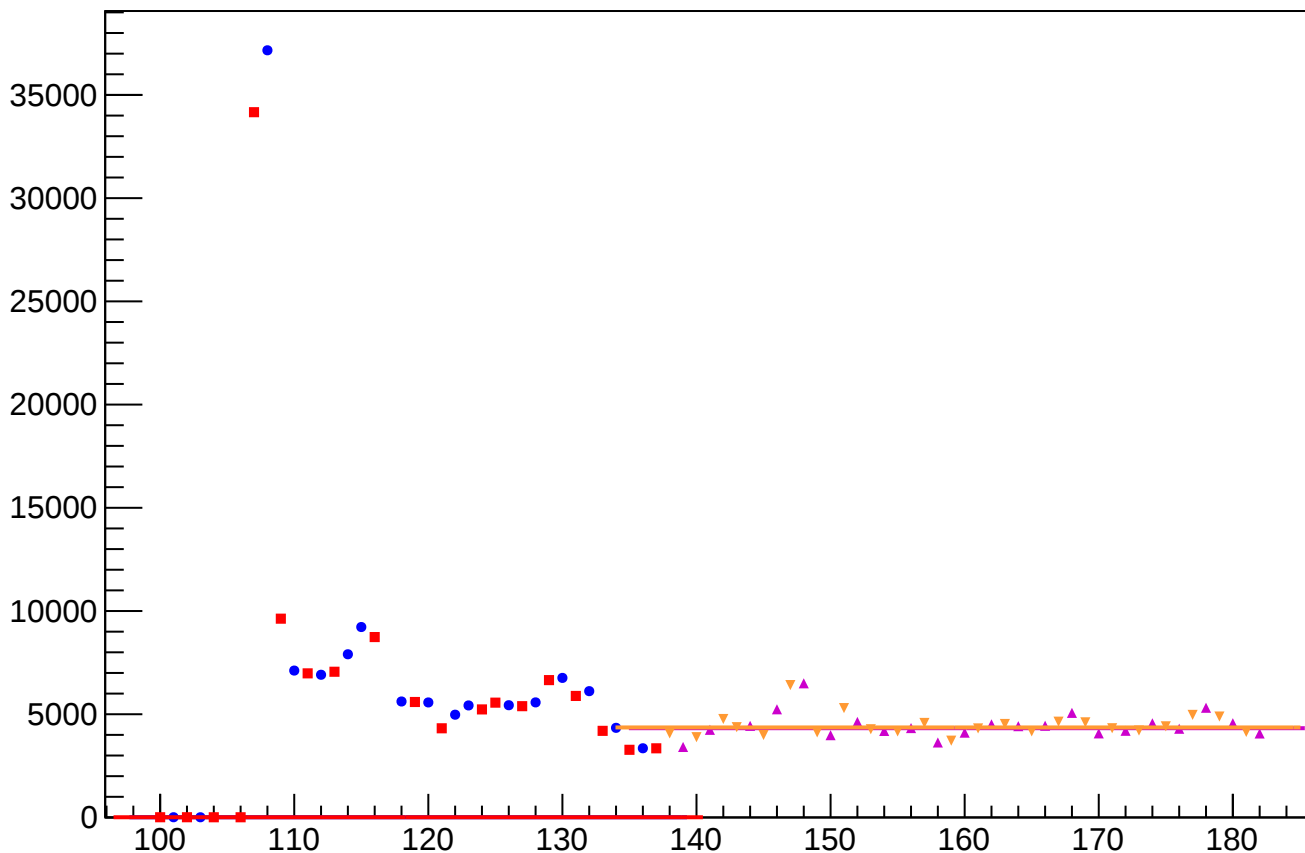
Left In: 0.870 $\pm$ 1.054 χ^2 /NDF:35.6/21

+ sign 0.001 $\pm$ 0.009 χ^2 /NDF: 34.1/39

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 90.1/80

- sign 0.014 $\pm$ 0.009 χ^2 /NDF: 54.9/40

diff_cav4bY_rms vs Slug



Right In: 9.938 ± 0.007 χ^2/NDF : 10926318.4/16

Left Out: 4360.258 ± 0.745 χ^2/NDF : 378845.7/22

Right Out: 9.854 ± 0.006 χ^2/NDF : 11106435.3/18

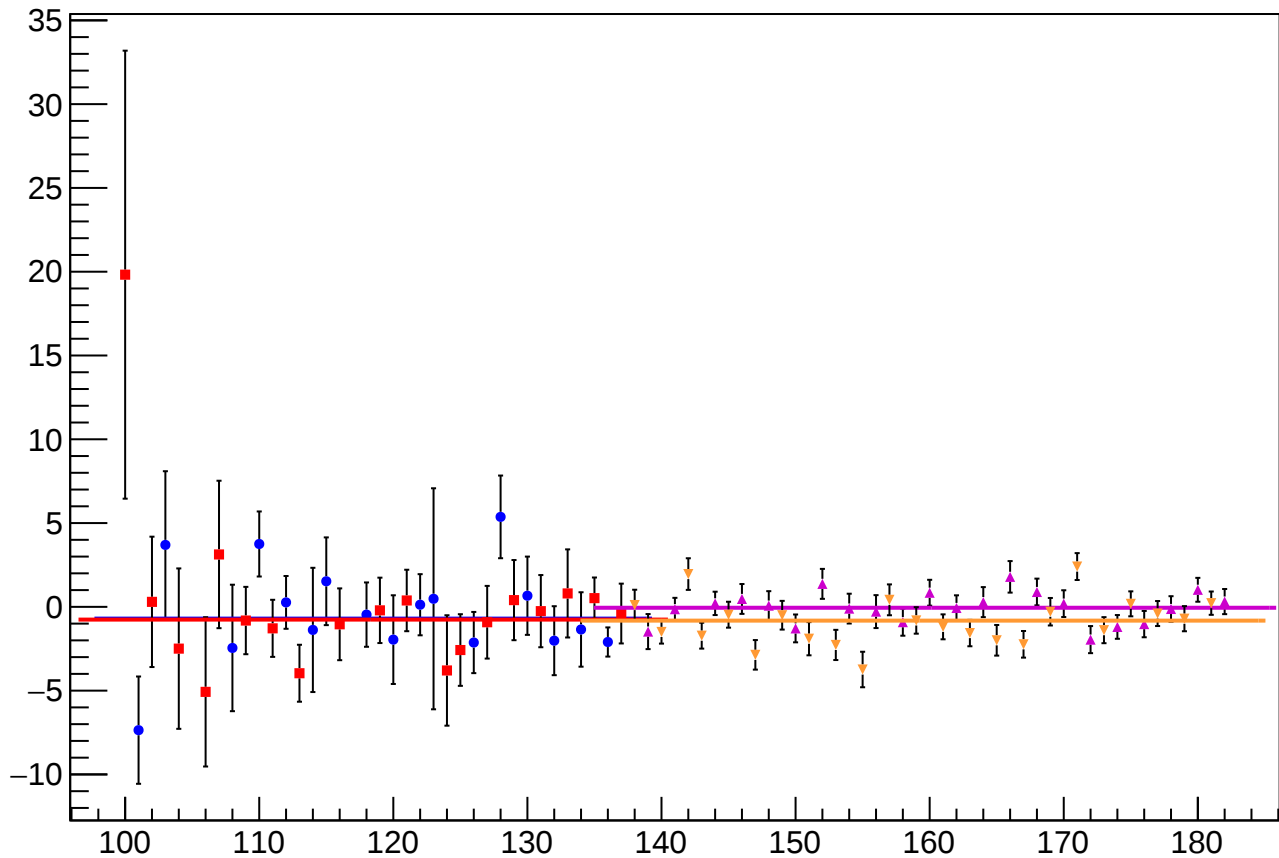
Left In: 4323.643 ± 0.745 χ^2/NDF : 527394.3/21

+ sign 10.270 ± 0.007 χ^2/NDF : 45443643.9/39

All: 10.203 ± 0.004 χ^2/NDF : 90580106.4/80

- sign 10.144 ± 0.006 χ^2/NDF : 45136265.3/40

diff_cav4cX_mean vs Slug



Right In: -0.702 ± 0.485 χ^2/NDF : 22.5/16

Left Out: -0.822 ± 0.170 χ^2/NDF : 58.4/22

Right Out: -0.760 ± 0.502 χ^2/NDF : 11.8/18

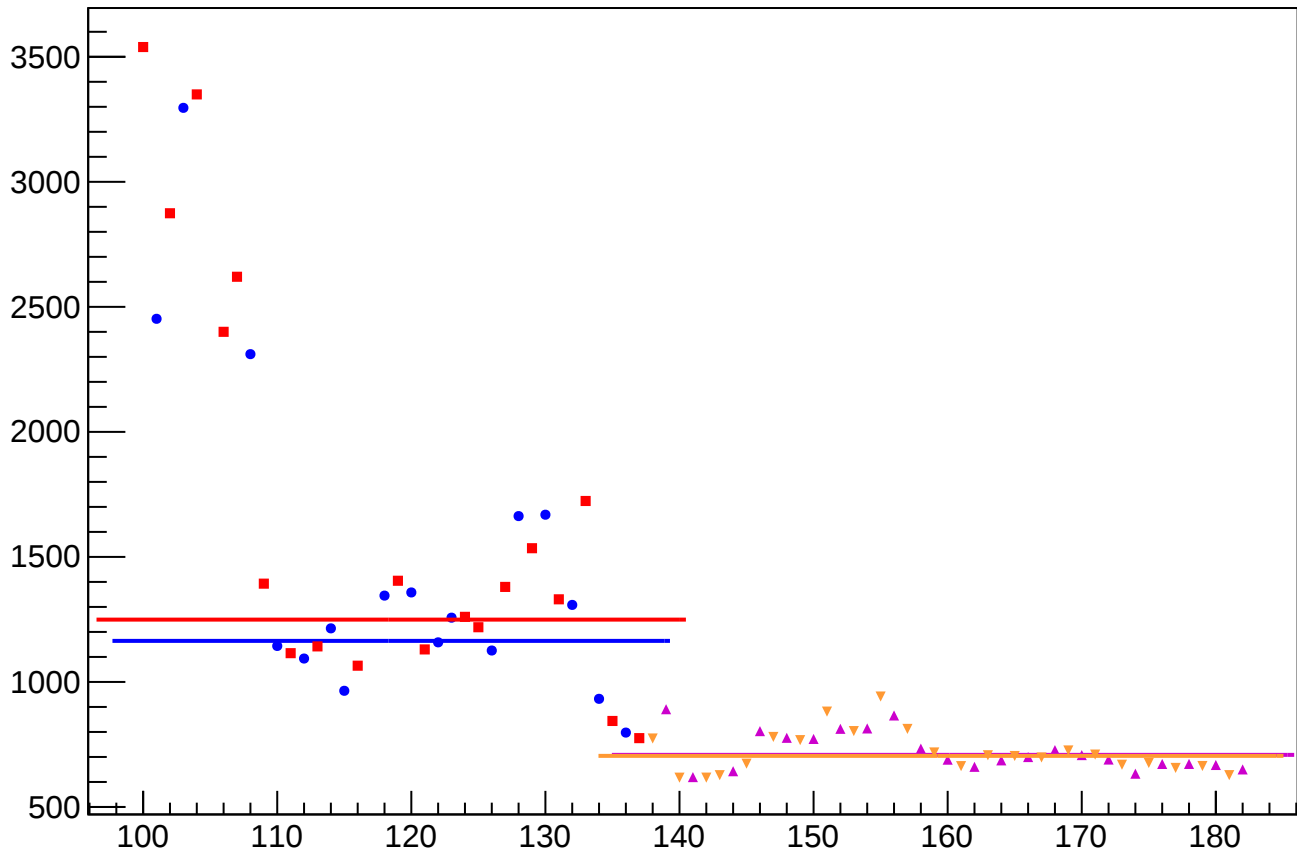
Left In: -0.054 ± 0.172 χ^2/NDF : 27.3/21

+ sign -0.809 ± 0.160 χ^2/NDF : 80.9/39

All: -0.473 ± 0.114 χ^2/NDF : 130.7/80

- sign -0.128 ± 0.163 χ^2/NDF : 40.9/40

diff_cav4cX_rms vs Slug



Right In: 1164.211 $\pm$ 0.343 χ^2 /NDF: 1586062.6/16

Left Out: 704.384 $\pm$ 0.120 χ^2 /NDF: 378718.1/22

Right Out: 1249.273 $\pm$ 0.355 χ^2 /NDF: 1649434.8/18

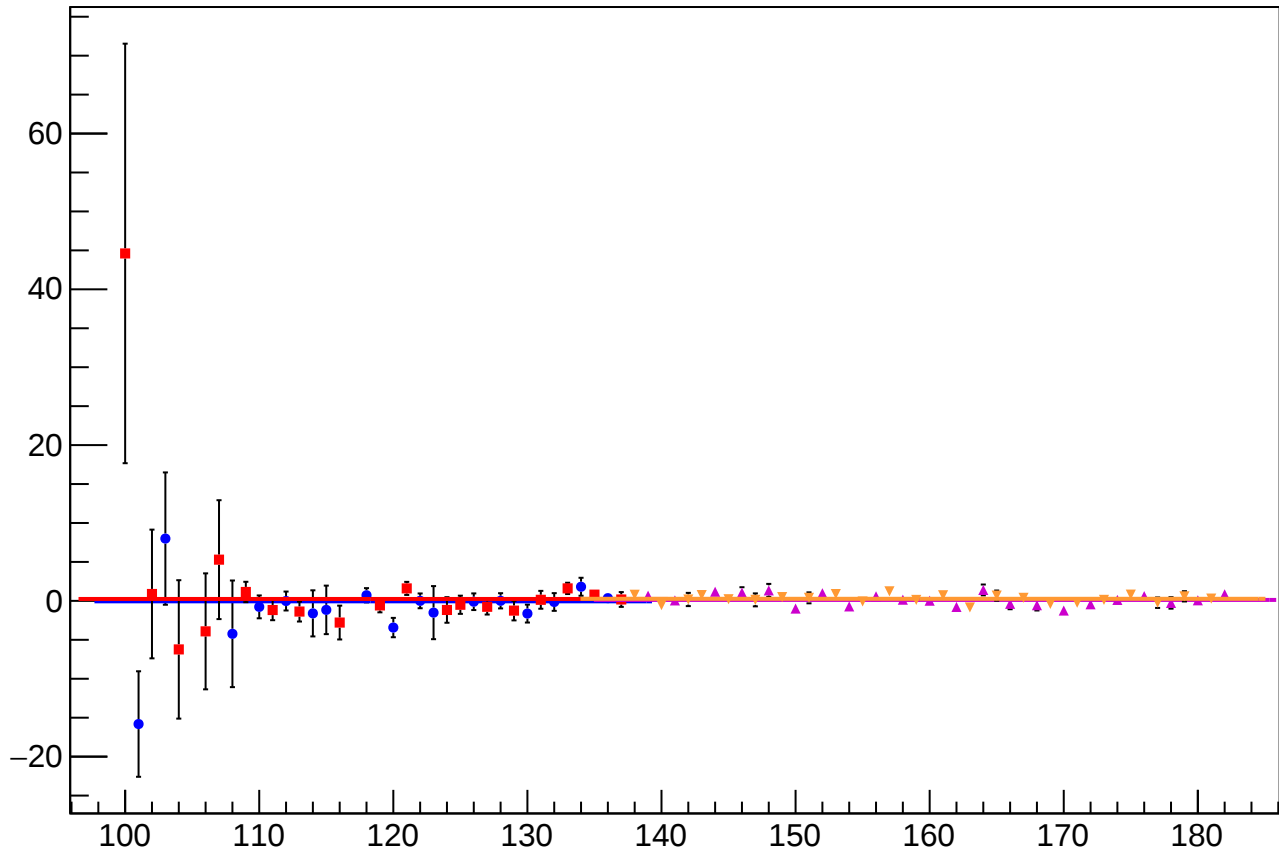
Left In: 708.374 $\pm$ 0.122 χ^2 /NDF: 331401.8/21

+ sign 754.637 $\pm$ 0.113 χ^2 /NDF: 3565994.7/39

All: 759.799 $\pm$ 0.081 χ^2 /NDF: 7628667.8/80

- sign 765.108 $\pm$ 0.115 χ^2 /NDF: 4058468.1/40

diff_cav4cY_mean vs Slug



Right In: -0.060 ± 0.271 χ^2/NDF : 20.9/16

Left Out: 0.265 ± 0.126 χ^2/NDF : 15.8/22

Right Out: 0.245 ± 0.265 χ^2/NDF : 20.7/18

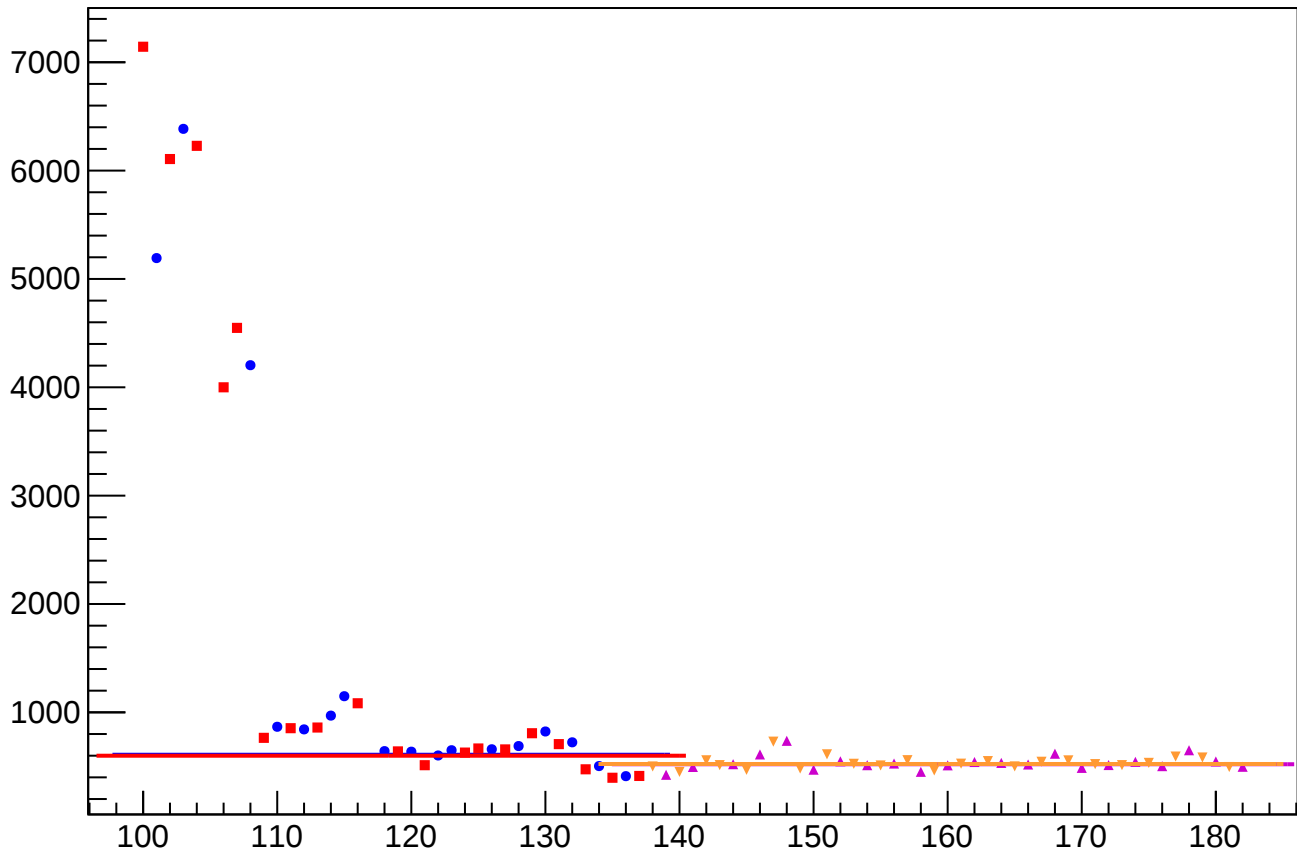
Left In: 0.120 ± 0.127 χ^2/NDF : 34.9/21

+ sign 0.207 ± 0.114 χ^2/NDF : 37.9/39

All: 0.175 ± 0.081 χ^2/NDF : 93.8/80

- sign 0.144 ± 0.114 χ^2/NDF : 55.8/40

diff_cav4cY_rms vs Slug



Right In: 608.589 ± 0.191 $\chi^2/\text{NDF}: 3137480.1/16$

Left Out: 523.289 ± 0.089 $\chi^2/\text{NDF}: 327558.0/22$

+ sign 538.538 ± 0.081 $\chi^2/\text{NDF}: 3628288.6/39$

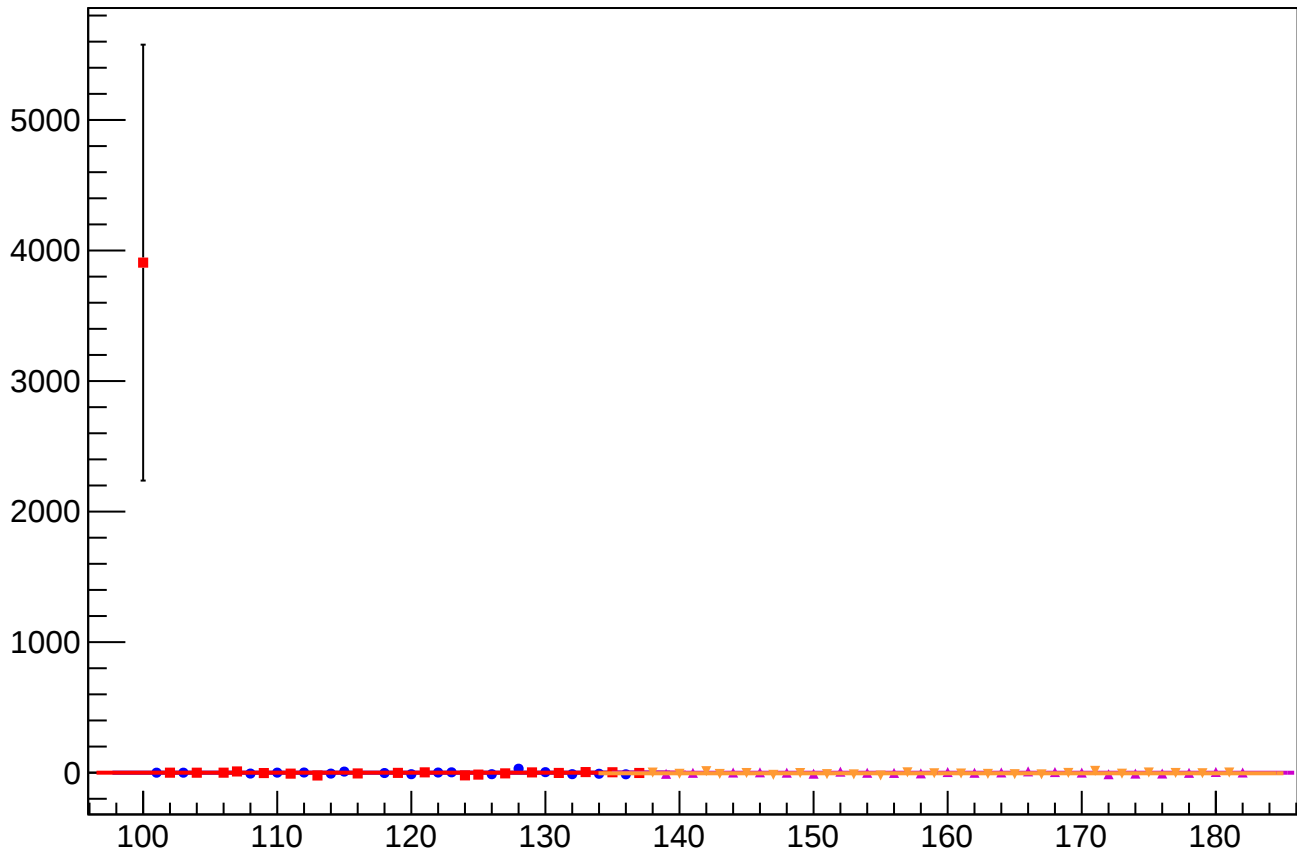
Right Out: 599.715 ± 0.187 $\chi^2/\text{NDF}: 3547458.7/18$

All: 537.085 ± 0.057 $\chi^2/\text{NDF}: 7758478.7/80$

- sign 535.633 ± 0.081 $\chi^2/\text{NDF}: 4129545.4/40$

Left In: 520.946 ± 0.090 $\chi^2/\text{NDF}: 438165.4/21$

diff_cav4dX_mean vs Slug



Right In: -0.022 ± 0.021 χ^2/NDF : 15.6/16

Left Out: -4.761 ± 0.989 χ^2/NDF : 58.1/22

Right Out: -0.027 ± 0.020 χ^2/NDF : 16.8/18

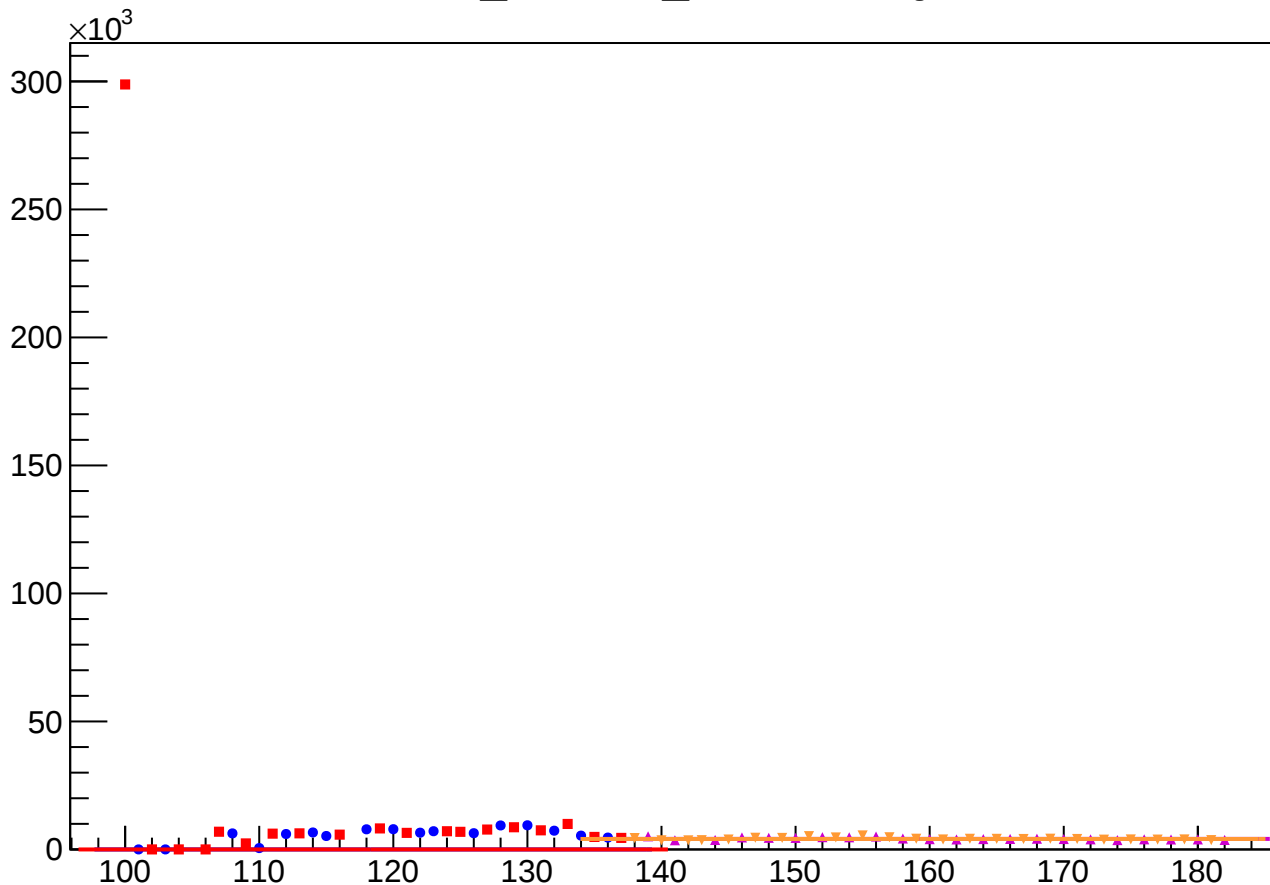
Left In: -0.395 ± 1.001 χ^2/NDF : 27.3/21

+ sign -0.024 ± 0.021 χ^2/NDF : 96.7/39

All: -0.025 ± 0.014 χ^2/NDF : 140.9/80

- sign -0.027 ± 0.020 χ^2/NDF : 44.2/40

diff_cav4dX_rms vs Slug



Right In: 17.335 $\pm$ 0.015 χ^2 /NDF: 10315348.6/16

Left Out: 4099.510 $\pm$ 0.699 χ^2 /NDF: 397382.2/22

Right Out: 17.267 $\pm$ 0.014 χ^2 /NDF: 10766587.2/18

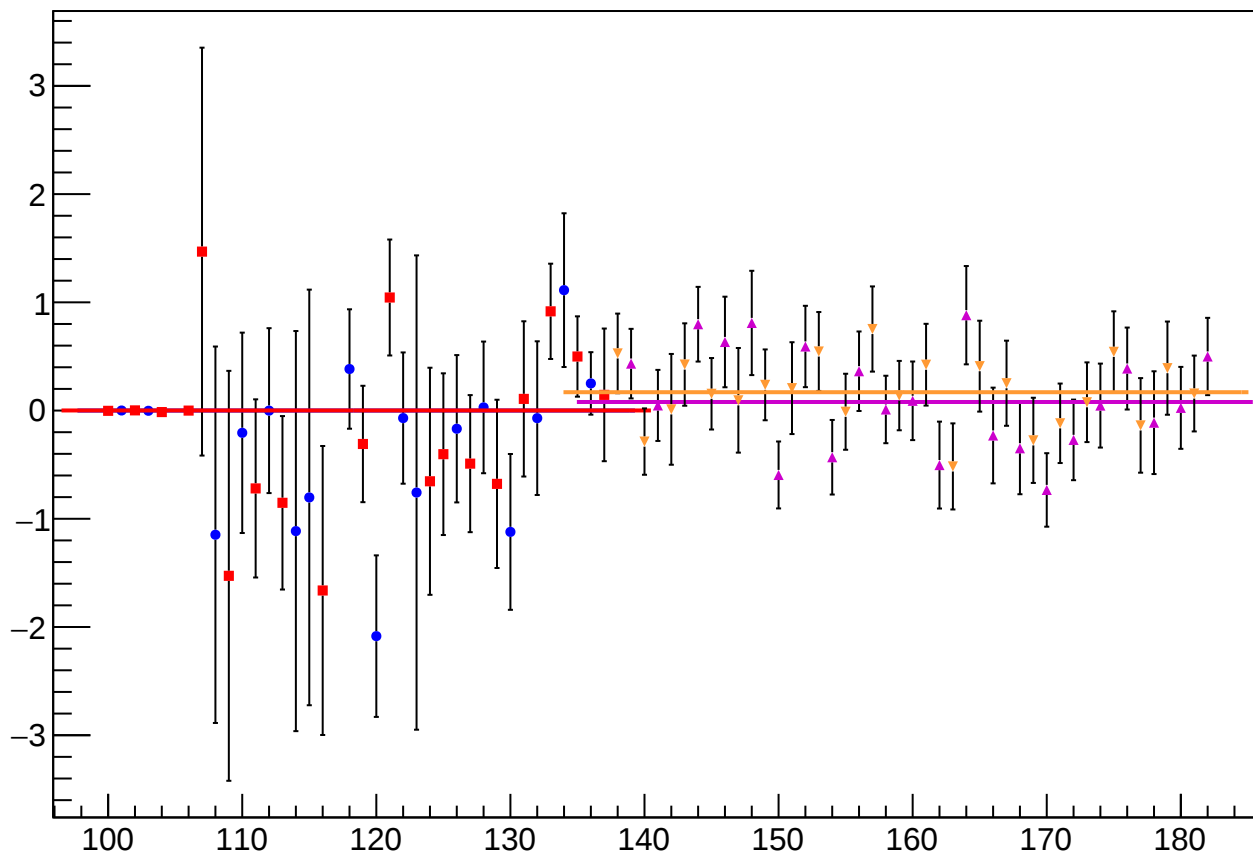
Left In: 4123.677 $\pm$ 0.708 χ^2 /NDF: 345579.5/21

+ sign 19.139 $\pm$ 0.015 χ^2 /NDF: 44767436.2/39

All: 18.998 $\pm$ 0.010 χ^2 /NDF: 89541279.2/80

- sign 18.870 $\pm$ 0.014 χ^2 /NDF: 44773667.1/40

diff_cav4dY_mean vs Slug



Right In: 0.000 ± 0.002 χ^2/NDF : 15.3/16

Left Out: 0.170 ± 0.079 χ^2/NDF : 14.8/22

Right Out: 0.001 ± 0.002 χ^2/NDF : 18.1/18

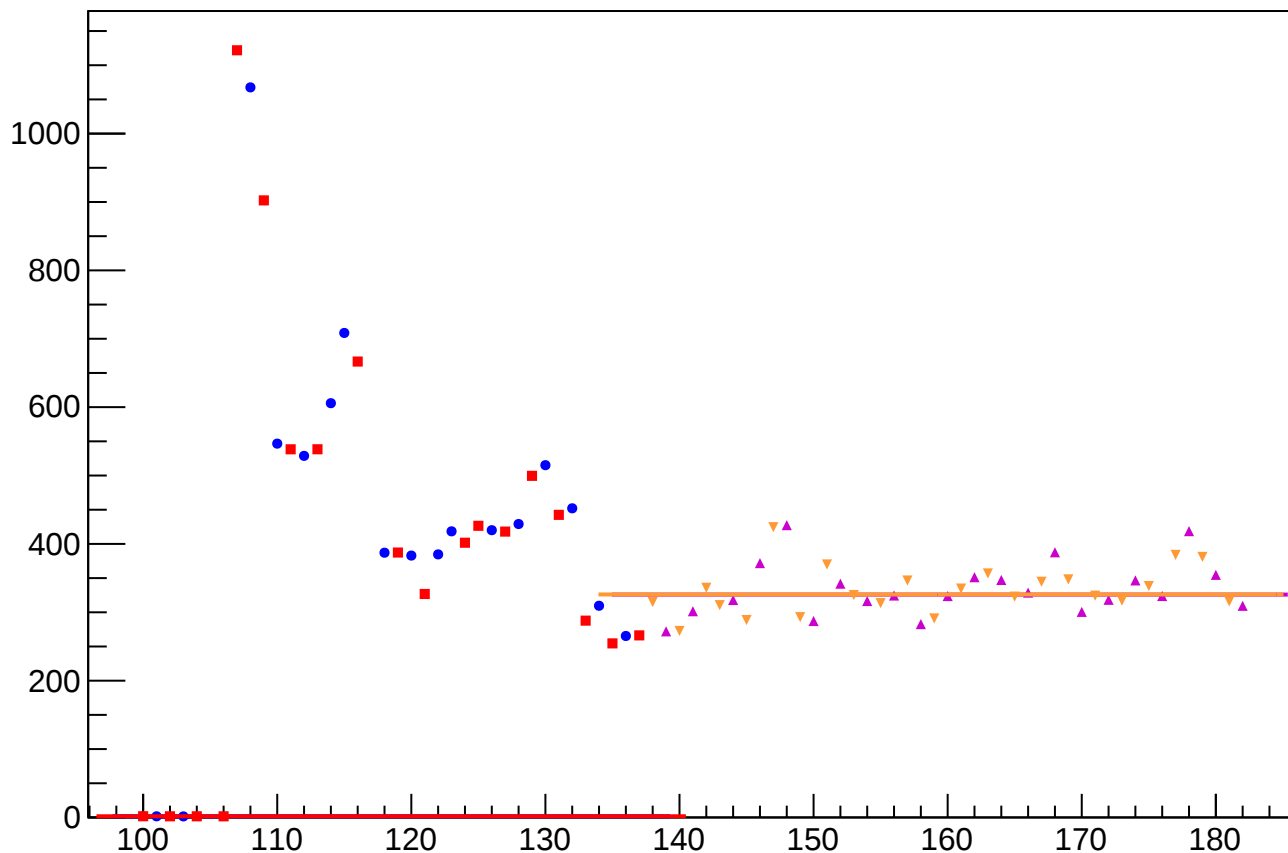
Left In: 0.079 ± 0.079 χ^2/NDF : 34.7/21

+ sign 0.000 ± 0.002 χ^2/NDF : 34.8/39

All: 0.001 ± 0.001 χ^2/NDF : 88.5/80

- sign 0.001 ± 0.002 χ^2/NDF : 53.7/40

diff_cav4dY_rms vs Slug



Right In: 1.698 $\pm$ 0.001 χ^2 /NDF: 10864983.9/16

Left Out: 326.085 $\pm$ 0.056 χ^2 /NDF:345366.2/22

Right Out: 1.728 $\pm$ 0.001 χ^2 /NDF: 10690594.4/18

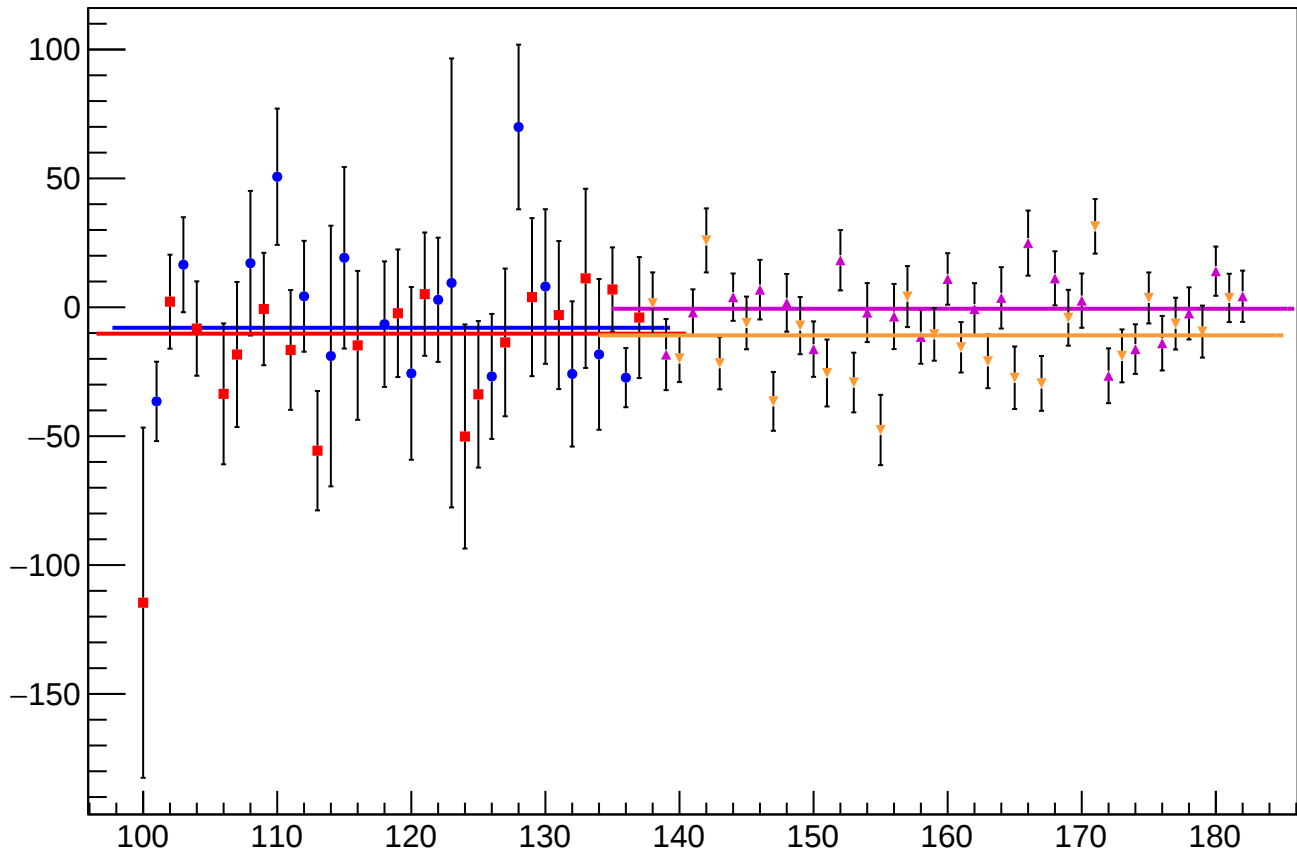
Left In: 325.900 $\pm$ 0.056 χ^2 /NDF:420532.6/21

+ sign 1.913 $\pm$ 0.001 χ^2 /NDF: 45181469.5/39

All: 1.918 $\pm$ 0.001 χ^2 /NDF: 89707504.0/80

- sign 1.922 $\pm$ 0.001 χ^2 /NDF: 44526014.4/40

diff_bpm4aX_mean vs Slug



Right In: -7.952 ± 5.639 χ^2/NDF : 22.6/16

Left Out: -10.886 ± 2.239 χ^2/NDF : 57.8/22

Right Out: -10.233 ± 5.692 χ^2/NDF : 11.7/18

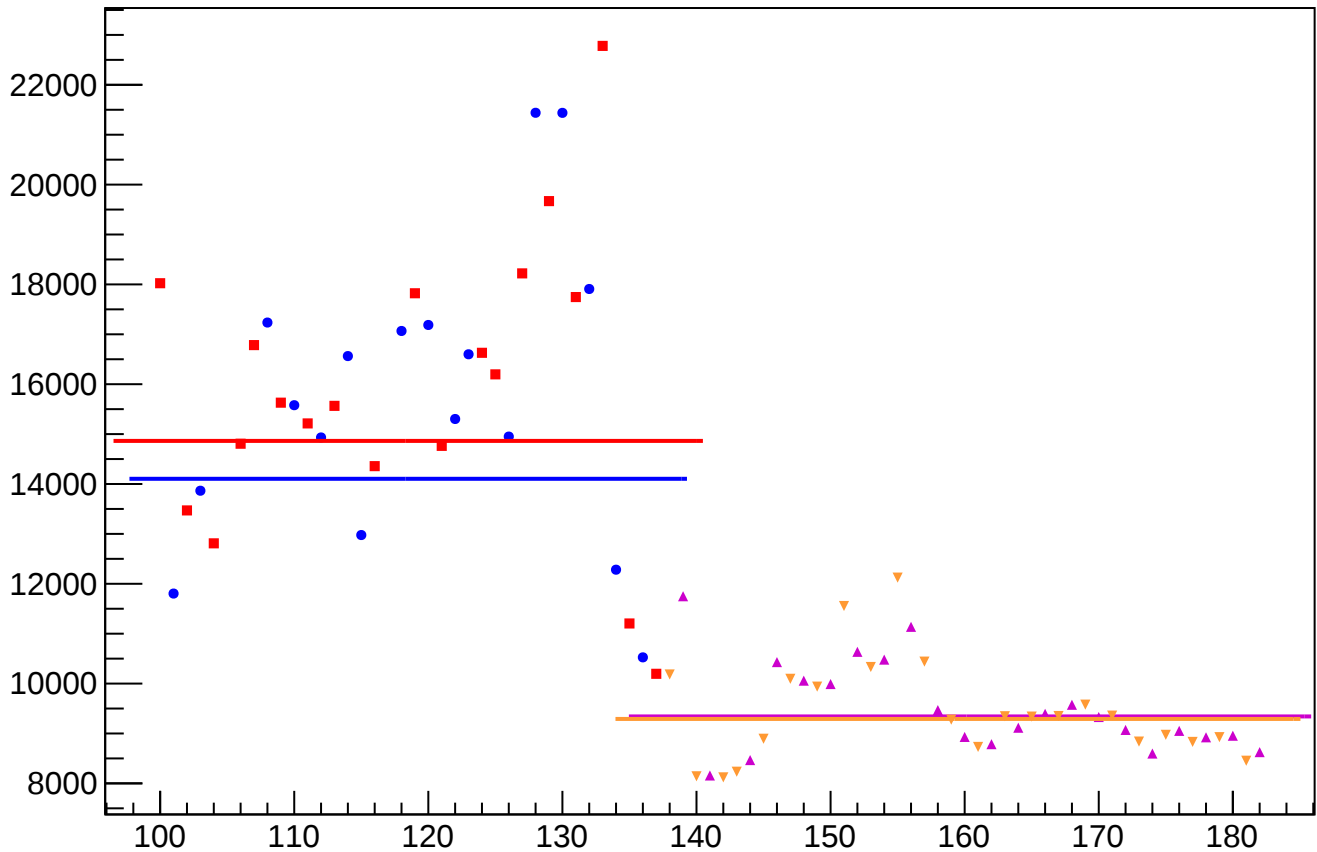
Left In: -0.566 ± 2.265 χ^2/NDF : 28.0/21

+ sign -10.486 ± 2.081 χ^2/NDF : 80.6/39

All: -6.235 ± 1.480 χ^2/NDF : 131.2/80

- sign -1.887 ± 2.104 χ^2/NDF : 42.1/40

diff_bpm4aX_rms vs Slug



Right In: 14104.125+/-3.987 χ^2/NDF : 604857.2/16

Left Out: 9291.512+/-1.583 χ^2/NDF : 320712.7/22

Right Out: 14863.530+/-4.025 χ^2/NDF : 472106.0/18

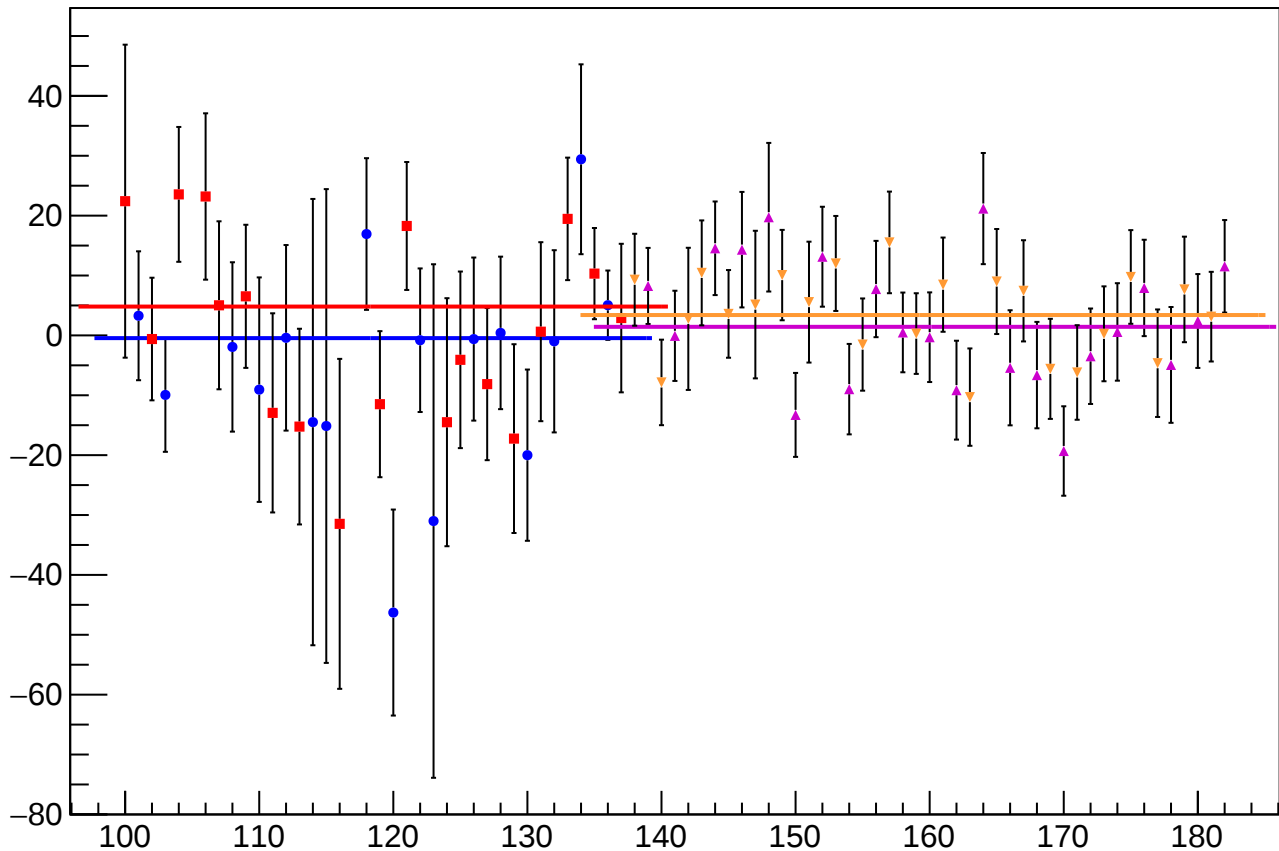
Left In: 9341.641+/-1.601 χ^2/NDF : 275552.6/21

+ sign 9947.002+/-1.471 χ^2/NDF : 2184053.4/39

All: 10020.801+/-1.046 χ^2/NDF : 4561606.6/8

- sign 10096.263+/-1.488 χ^2/NDF : 2372465.9/40

diff_bpm4aY_mean vs Slug



Right In: -0.456 ± 3.089 χ^2/NDF : 17.4/16

Left Out: 3.400 ± 1.710 χ^2/NDF : 16.8/22

Right Out: 4.814 ± 2.946 χ^2/NDF : 19.9/18

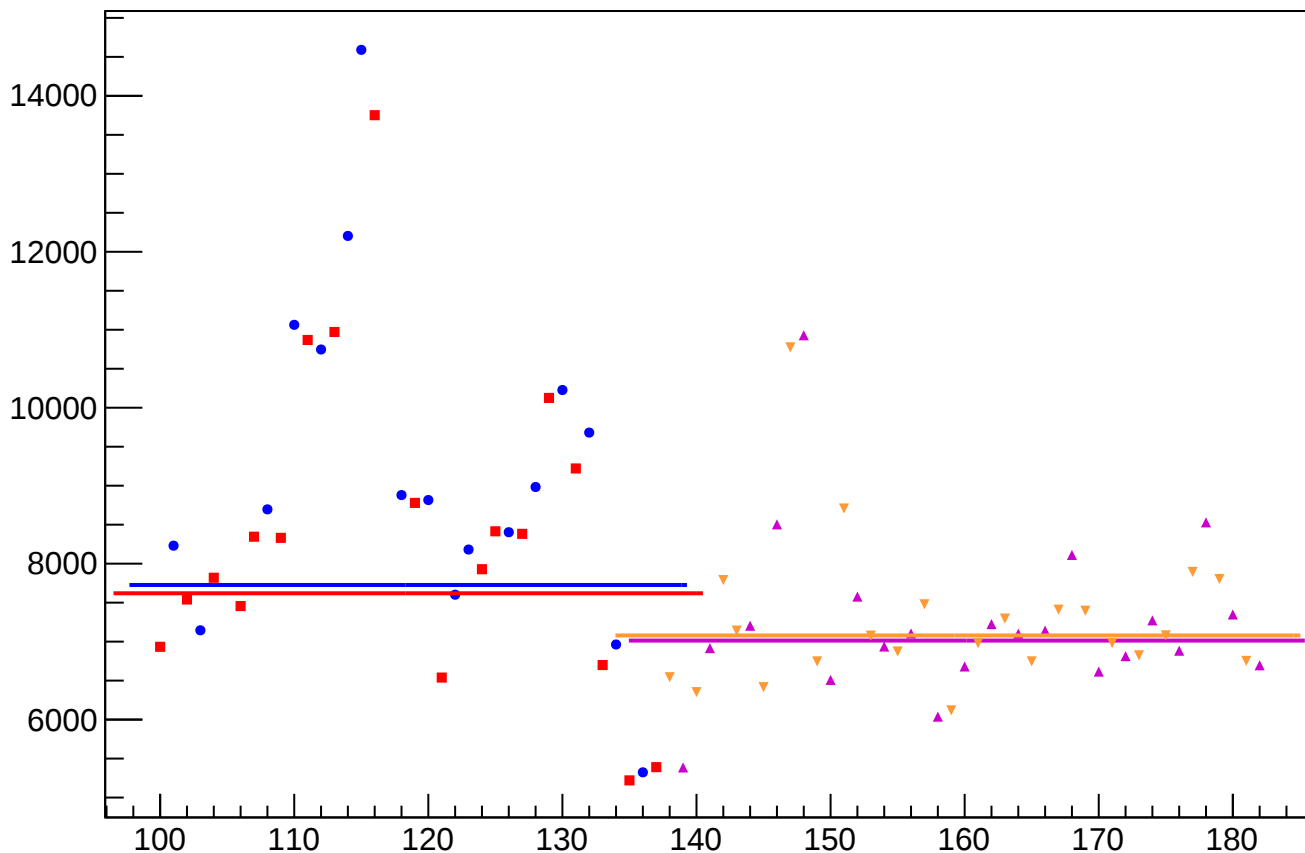
Left In: 1.431 ± 1.710 χ^2/NDF : 35.3/21

+ sign 2.495 ± 1.496 χ^2/NDF : 35.4/39

All: 2.389 ± 1.052 χ^2/NDF : 91.7/80

- sign 2.284 ± 1.479 χ^2/NDF : 56.3/40

diff_bpm4aY_rms vs Slug



Right In: 7726.613+/-2.184 χ^2/NDF : 742603.6/16

Left Out: 7079.143+/-1.209 χ^2/NDF : 383131.8/22

Right Out: 7620.107+/-2.083 χ^2/NDF : 679200.6/18

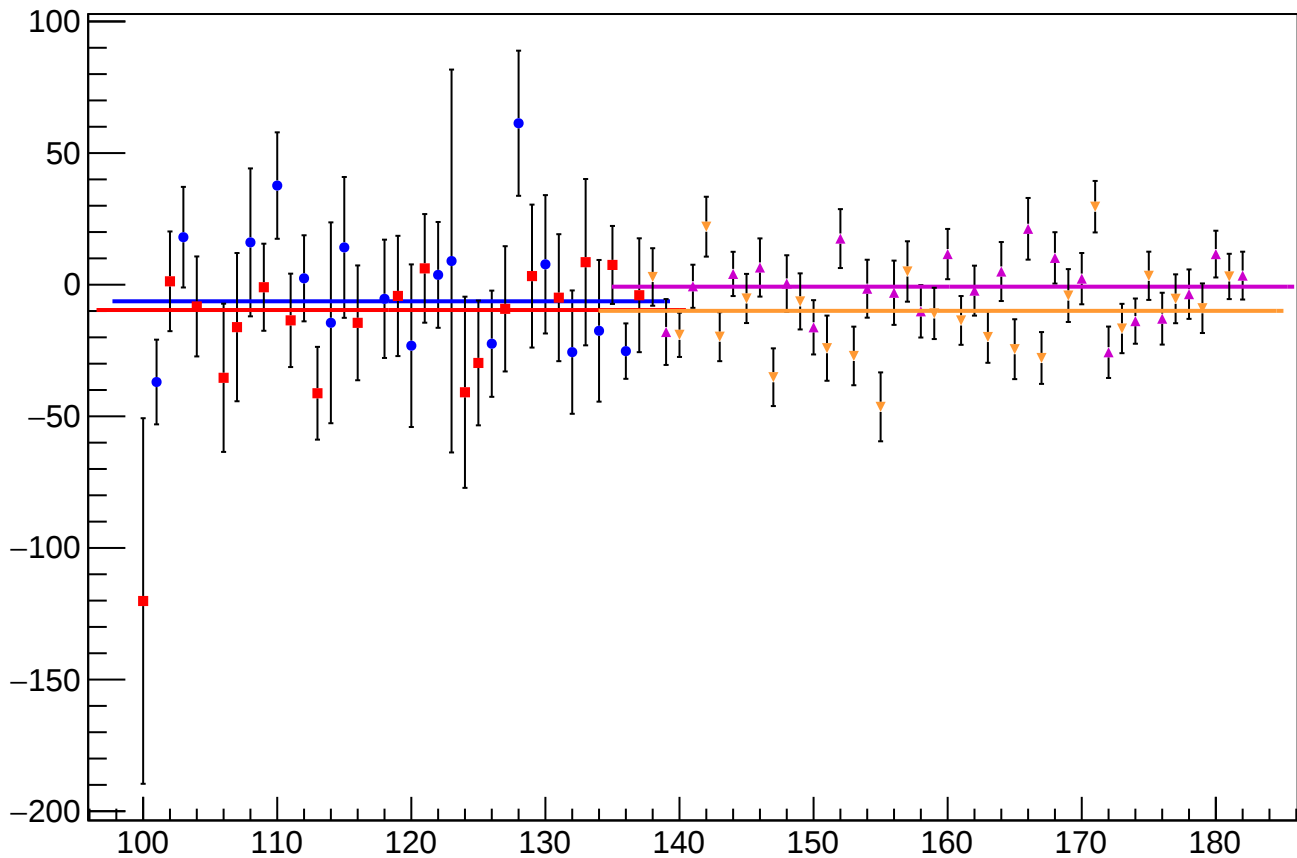
Left In: 7013.368+/-1.209 χ^2/NDF : 544432.1/21

+ sign 7230.981+/-1.058 χ^2/NDF : 1192984.9/39

All: 7198.301+/-0.744 χ^2/NDF : 2481956.3/80

- sign 7166.353+/-1.046 χ^2/NDF : 1287084.1/40

diff_bpm4eX_mean vs Slug



Right In: -6.303 ± 5.045 χ^2/NDF : 23.2/16

Left Out: -9.932 ± 2.089 χ^2/NDF : 58.4/22

Right Out: -9.614 ± 5.013 χ^2/NDF : 11.5/18

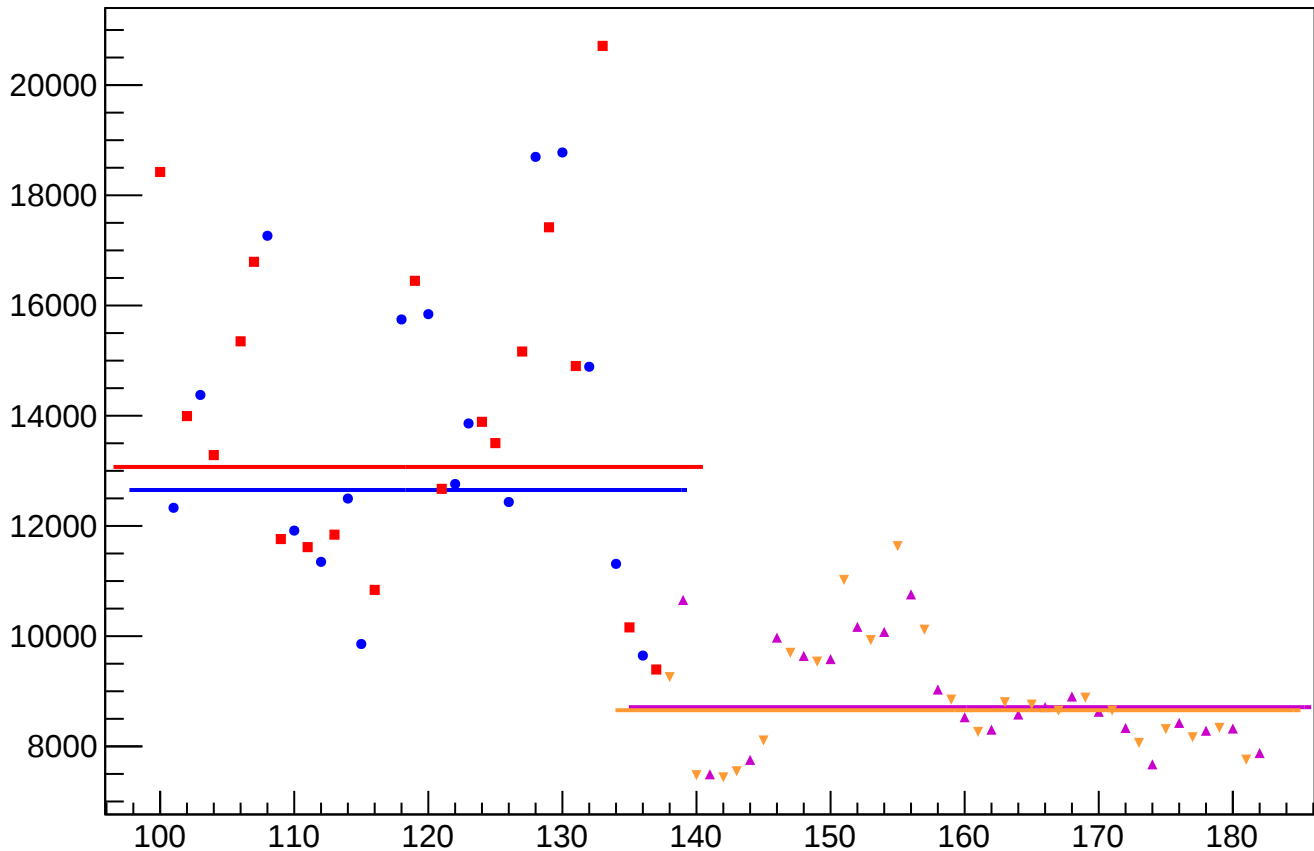
Left In: -0.753 ± 2.115 χ^2/NDF : 28.0/21

+ sign -9.401 ± 1.930 χ^2/NDF : 82.0/39

All: -5.780 ± 1.371 χ^2/NDF : 131.2/80

- sign -2.091 ± 1.948 χ^2/NDF : 42.1/40

diff_bpm4eX_rms vs Slug



Right In: 12652.101+/-3.567 χ^2/NDF : 559356.1/16

Left Out: 8656.306+/-1.477 χ^2/NDF : 416780.2/22

Right Out: 13070.799+/-3.545 χ^2/NDF : 498063.2/18

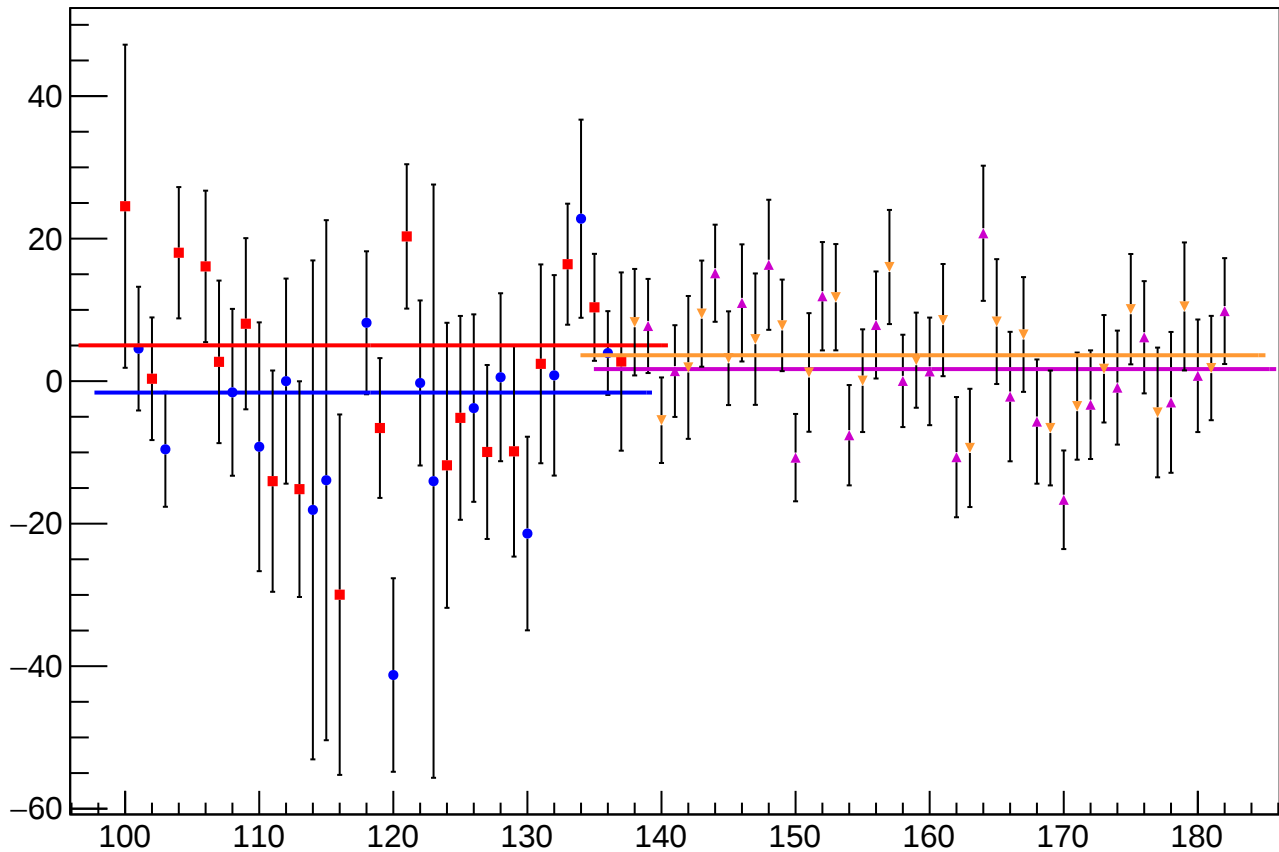
Left In: 8711.574+/-1.495 χ^2/NDF : 361147.5/21

+ sign 9241.144+/-1.365 χ^2/NDF : 2047050.1/39

All: 9305.007+/-0.970 χ^2/NDF : 4194587.0/80

- sign 9370.082+/-1.378 χ^2/NDF : 2143116.3/40

diff_bpm4eY_mean vs Slug



Right In: -1.604 ± 2.811 χ^2/NDF : 17.8/16

Left Out: 3.634 ± 1.597 χ^2/NDF : 15.7/22

Right Out: 5.023 ± 2.647 χ^2/NDF : 19.2/18

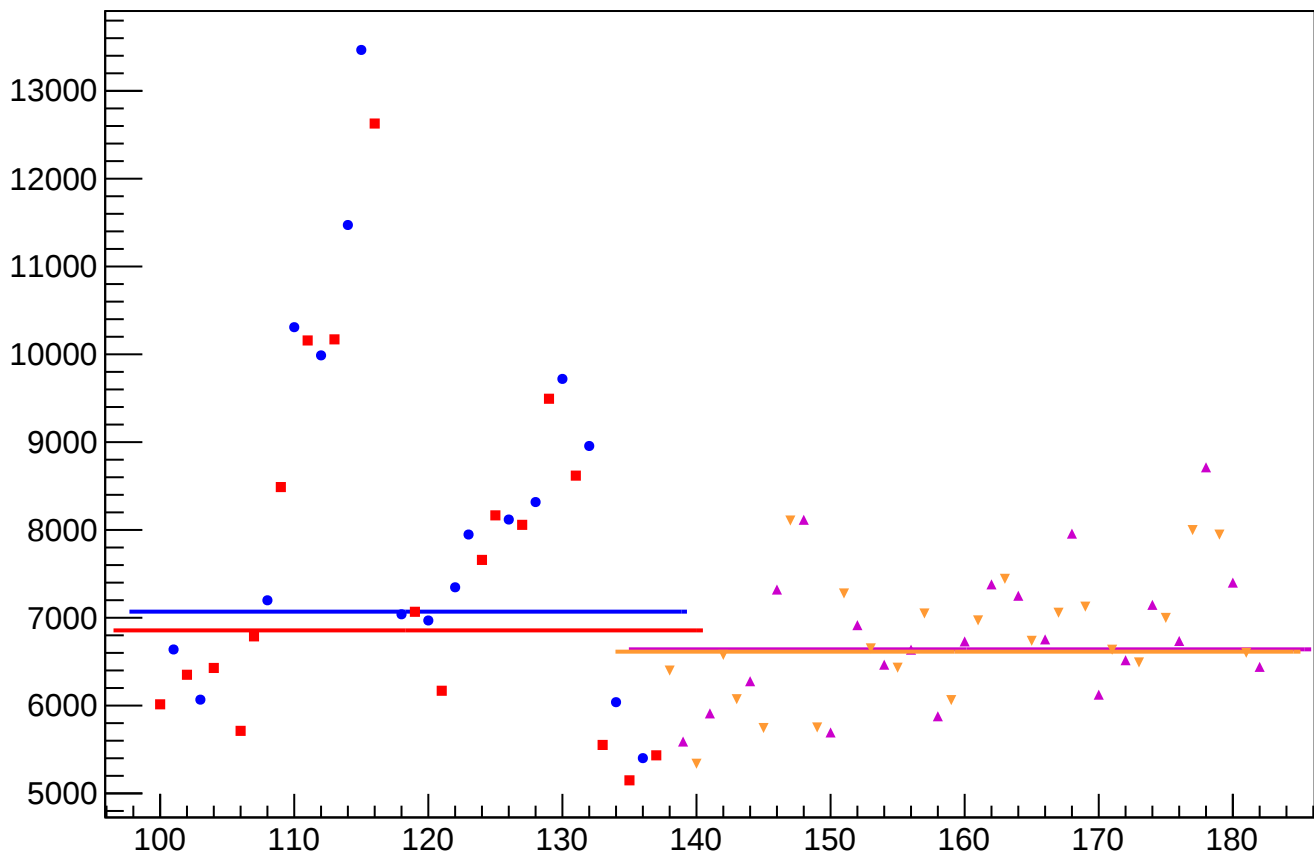
Left In: 1.691 ± 1.615 χ^2/NDF : 33.4/21

+ sign 2.355 ± 1.389 χ^2/NDF : 36.1/39

All: 2.476 ± 0.978 χ^2/NDF : 89.9/80

- sign 2.595 ± 1.379 χ^2/NDF : 53.7/40

diff_bpm4eY_rms vs Slug



Right In: 7069.683+/-1.988 χ^2/NDF : 601725.0/16

Left Out: 6614.059+/-1.129 χ^2/NDF : 394200.1/22

Right Out: 6856.143+/-1.872 χ^2/NDF : 686407.0/18

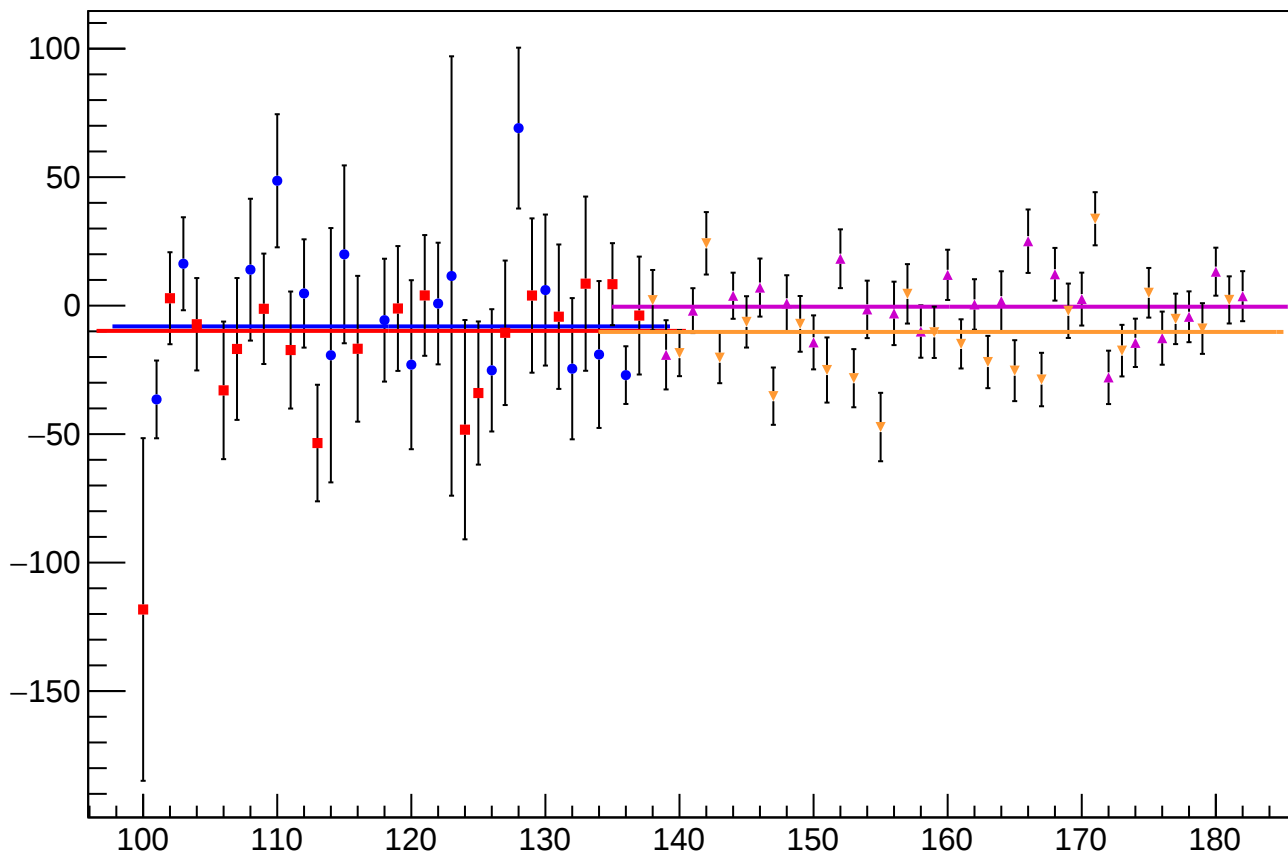
Left In: 6640.401+/-1.142 χ^2/NDF : 424977.9/21

+ sign 6725.248+/-0.982 χ^2/NDF : 1035651.1/39

All: 6712.004+/-0.692 χ^2/NDF : 2157078.9/80

- sign 6698.946+/-0.975 χ^2/NDF : 1121066.5/40

diff_bpm4acX_mean vs Slug



Right In: -8.084 ± 5.527 χ^2/NDF : 22.4/16

Left Out: -10.232 ± 2.189 χ^2/NDF : 59.8/22

Right Out: -9.828 ± 5.581 χ^2/NDF : 12.0/18

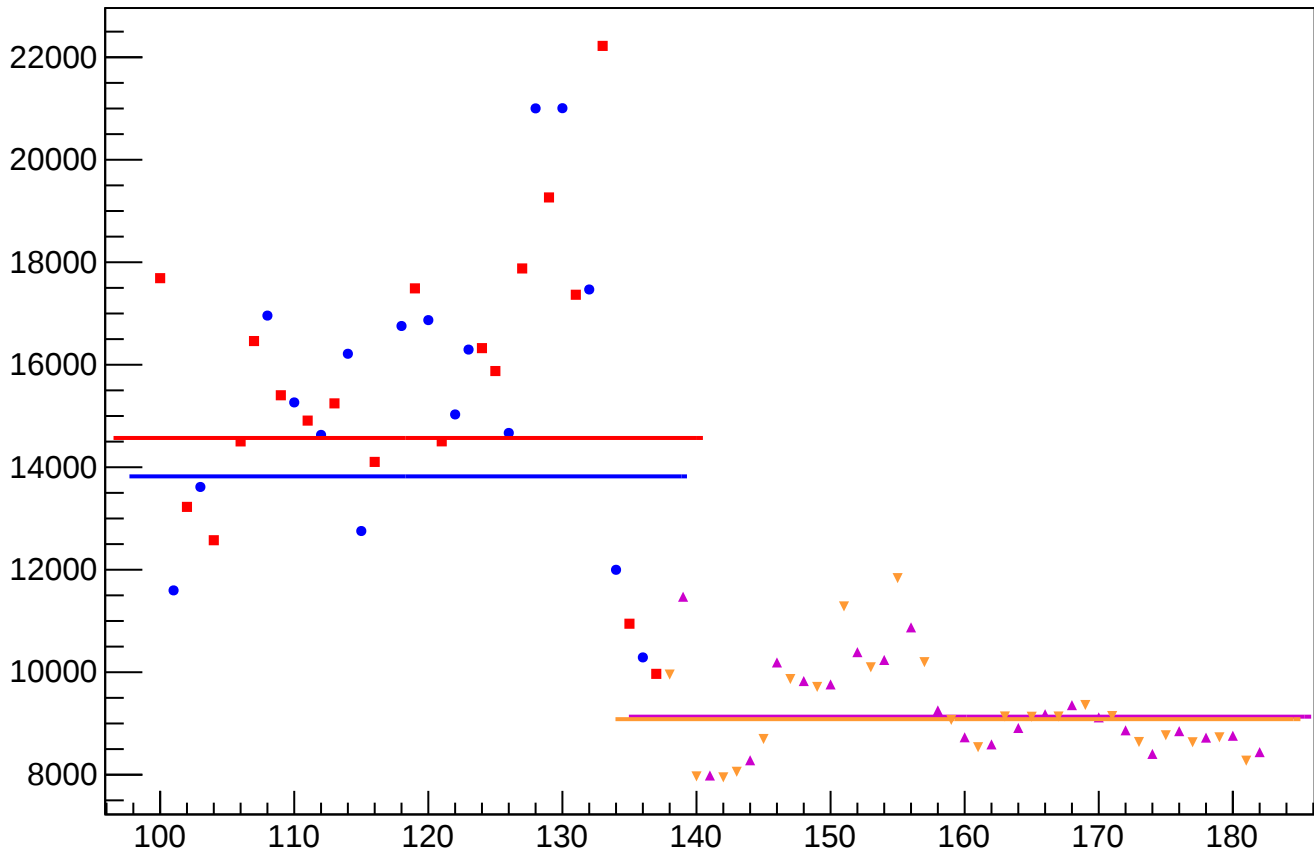
Left In: -0.421 ± 2.214 χ^2/NDF : 28.6/21

+ sign -9.941 ± 2.035 χ^2/NDF : 82.4/39

All: -5.867 ± 1.447 χ^2/NDF : 133.5/80

- sign -1.700 ± 2.058 χ^2/NDF : 43.0/40

diff_bpm4acX_rms vs Slug



Right In: 13821.849 $\pm$ 3.908 χ^2/NDF : 607967.7/16

Left Out: 9084.199 $\pm$ 1.548 χ^2/NDF : 317149.7/22

Right Out: 14571.187 $\pm$ 3.946 χ^2/NDF : 473951.9/18

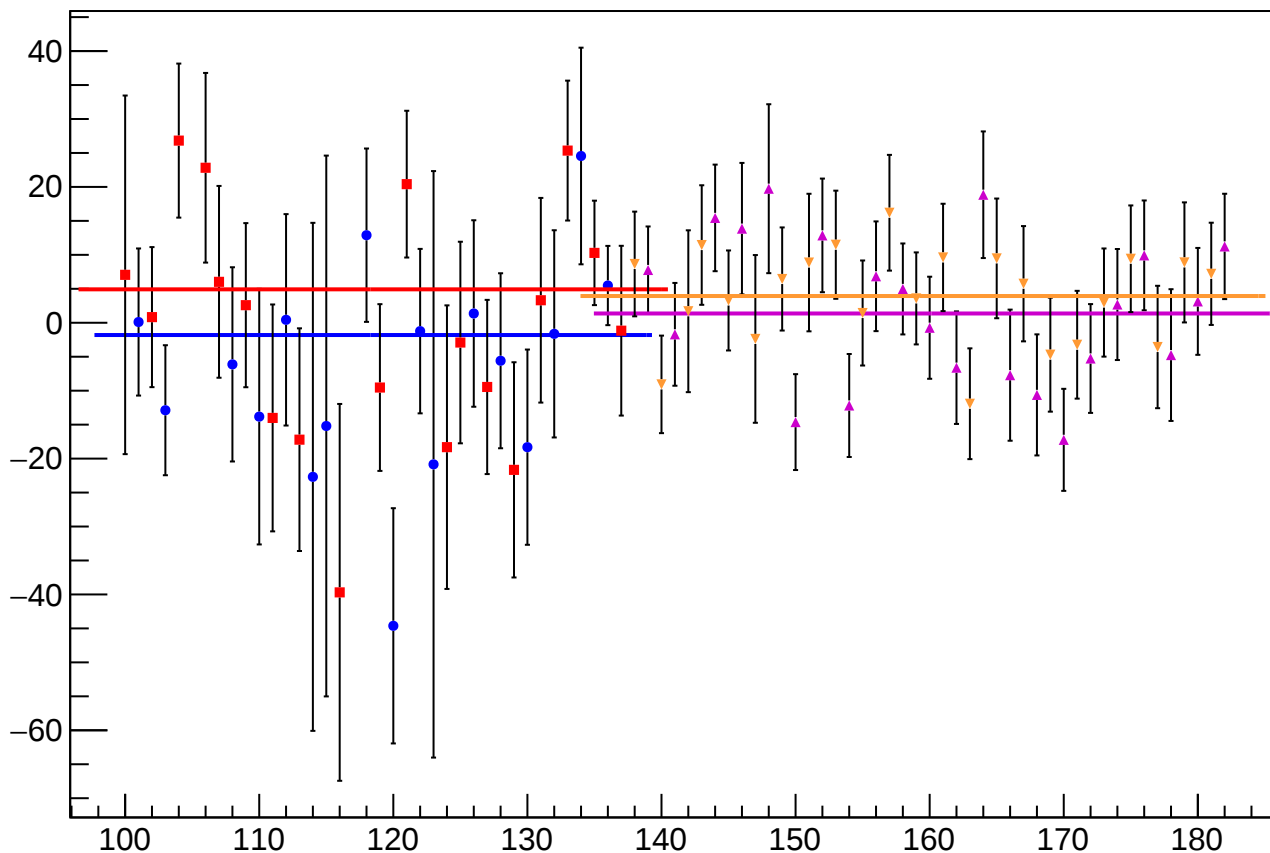
Left In: 9132.933 $\pm$ 1.566 χ^2/NDF : 272308.8/21

+ sign 9726.620 $\pm$ 1.439 χ^2/NDF : 2195572.9/39

All: 9798.726 $\pm$ 1.023 χ^2/NDF : 4587825.8/80

- sign 9872.463 $\pm$ 1.455 χ^2/NDF : 2387174.5/40

diff_bpm4acY_mean vs Slug



Right In: -1.806 ± 3.112 χ^2/NDF : 15.7/16

Left Out: 3.937 ± 1.717 χ^2/NDF : 16.4/22

Right Out: 4.921 ± 2.968 χ^2/NDF : 25.0/18

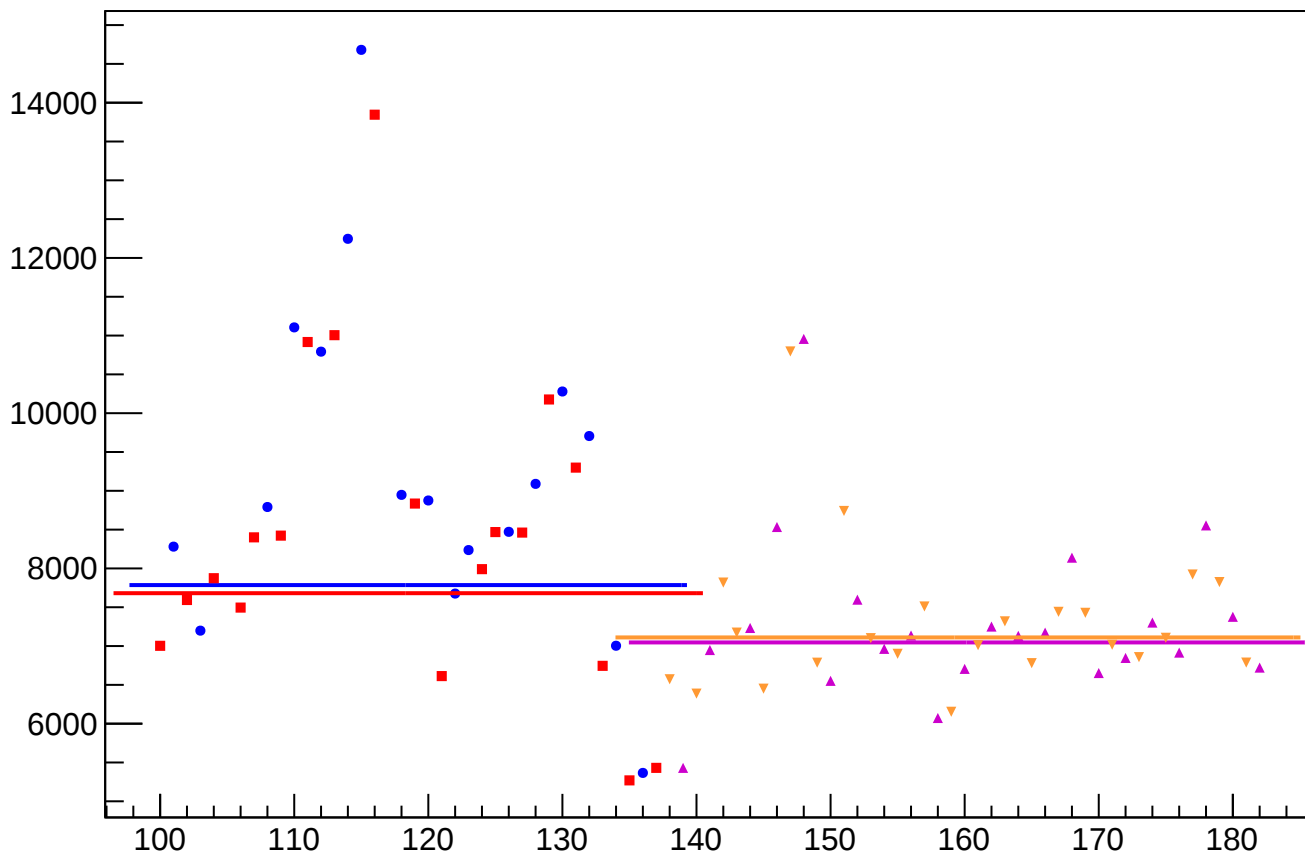
Left In: 1.366 ± 1.718 χ^2/NDF : 36.4/21

+ sign 2.596 ± 1.504 χ^2/NDF : 34.7/39

All: 2.426 ± 1.057 χ^2/NDF : 97.3/80

- sign 2.258 ± 1.487 χ^2/NDF : 62.5/40

diff_bpm4acY_rms vs Slug



Right In: 7785.499 $\pm$ 2.201 χ^2/NDF : 738102.3/16

Left Out: 7111.127 $\pm$ 1.214 χ^2/NDF : 378297.7/22

Right Out: 7681.068 $\pm$ 2.099 χ^2/NDF : 672729.8/18

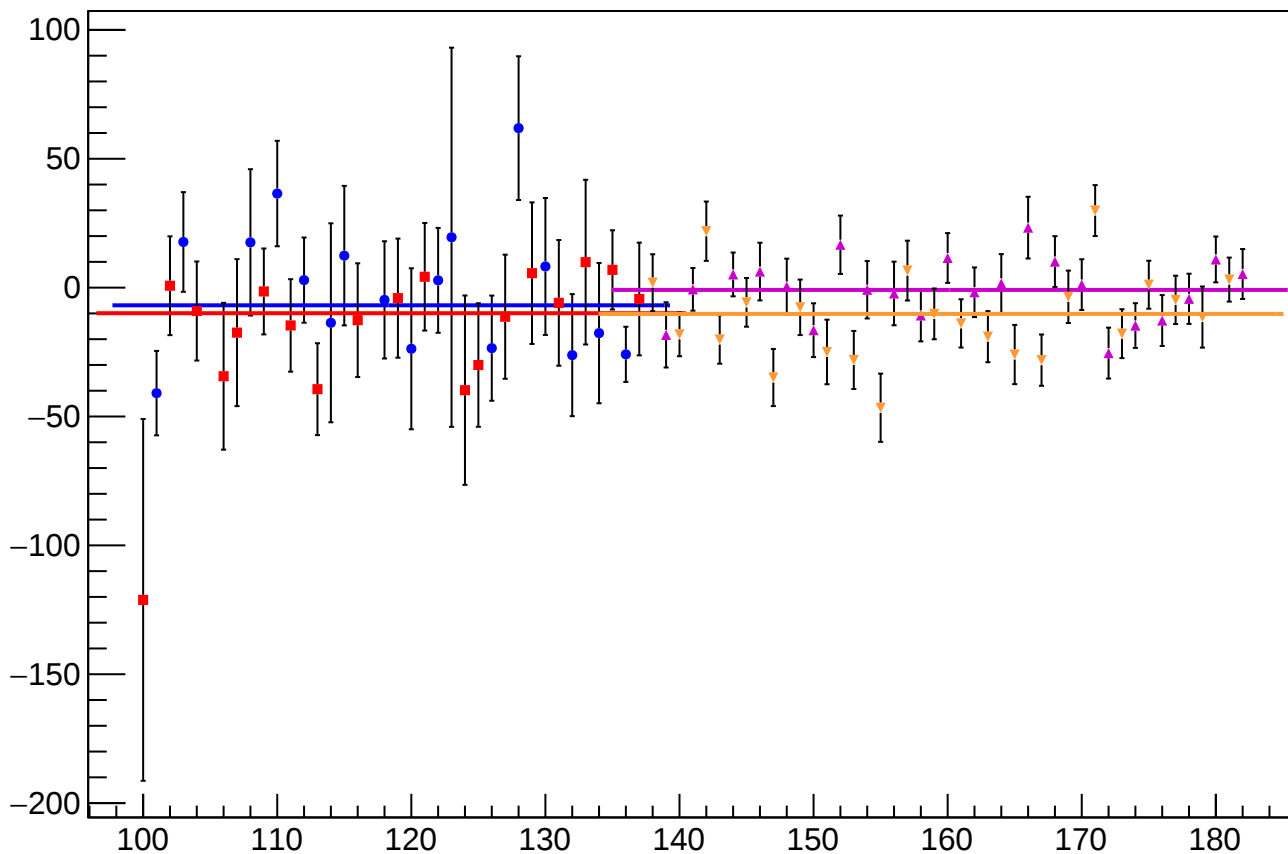
Left In: 7046.629 $\pm$ 1.215 χ^2/NDF : 535410.7/21

+ sign 7268.546 $\pm$ 1.063 χ^2/NDF : 1188387.8/39

All: 7236.851 $\pm$ 0.748 χ^2/NDF : 2466715.2/80

- sign 7205.849 $\pm$ 1.052 χ^2/NDF : 1276569.5/40

diff_bpm4ecX_mean vs Slug



Right In: -6.855 ± 5.113 χ^2/NDF : 23.8/16

Left Out: -10.205 ± 2.129 χ^2/NDF : 57.6/22

Right Out: -9.922 ± 5.084 χ^2/NDF : 10.6/18

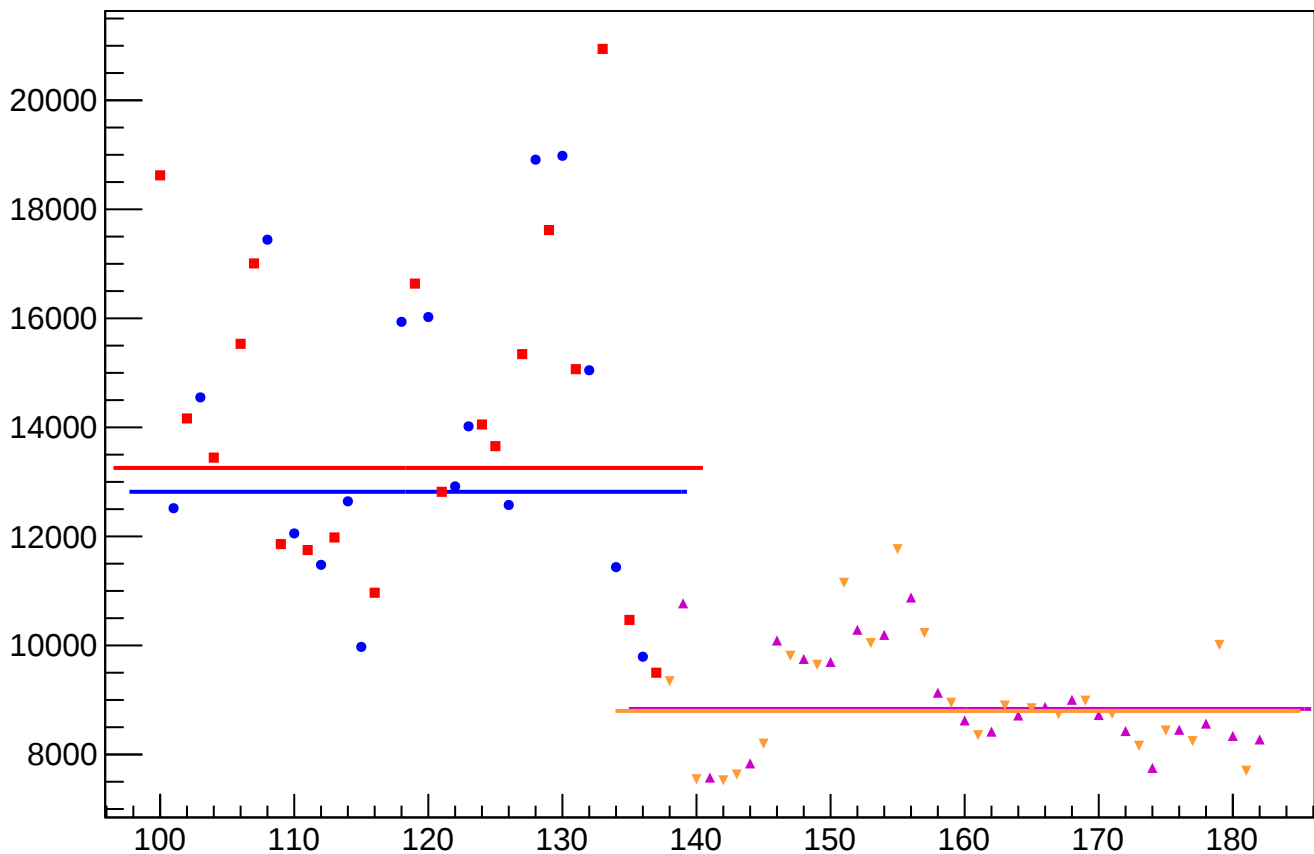
Left In: -0.887 ± 2.146 χ^2/NDF : 28.0/21

+ sign -9.710 ± 1.965 χ^2/NDF : 81.8/39

All: -6.005 ± 1.394 χ^2/NDF : 130.2/80

- sign -2.254 ± 1.977 χ^2/NDF : 41.2/40

diff_bpm4ecX_rms vs Slug



Right In: 12818.610+/-3.615 χ^2/NDF : 553065.0/16

Left Out: 8798.825+/-1.505 χ^2/NDF : 445527.0/22

Right Out: 13256.425+/-3.595 χ^2/NDF : 486011.2/18

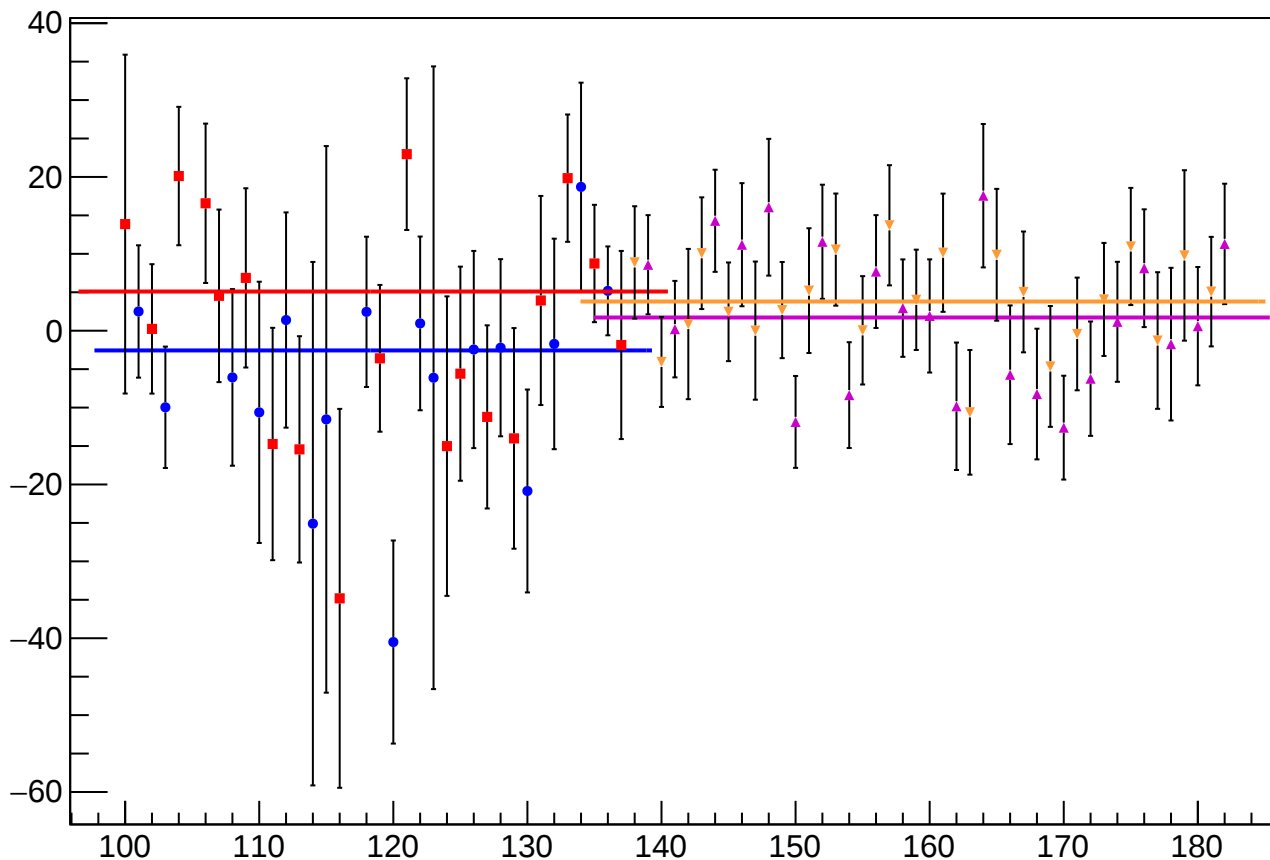
Left In: 8835.383+/-1.518 χ^2/NDF : 350782.8/21

+ sign 9392.686+/-1.390 χ^2/NDF : 2052165.2/39

All: 9448.056+/-0.986 χ^2/NDF : 4175607.7/80

- sign 9504.115+/-1.398 χ^2/NDF : 2120247.5/40

diff_bpm4ecY_mean vs Slug



Right In: -2.566 ± 2.752 χ^2/NDF : 16.9/16

Left Out: 3.799 ± 1.568 χ^2/NDF : 13.6/22

Right Out: 5.098 ± 2.595 χ^2/NDF : 24.0/18

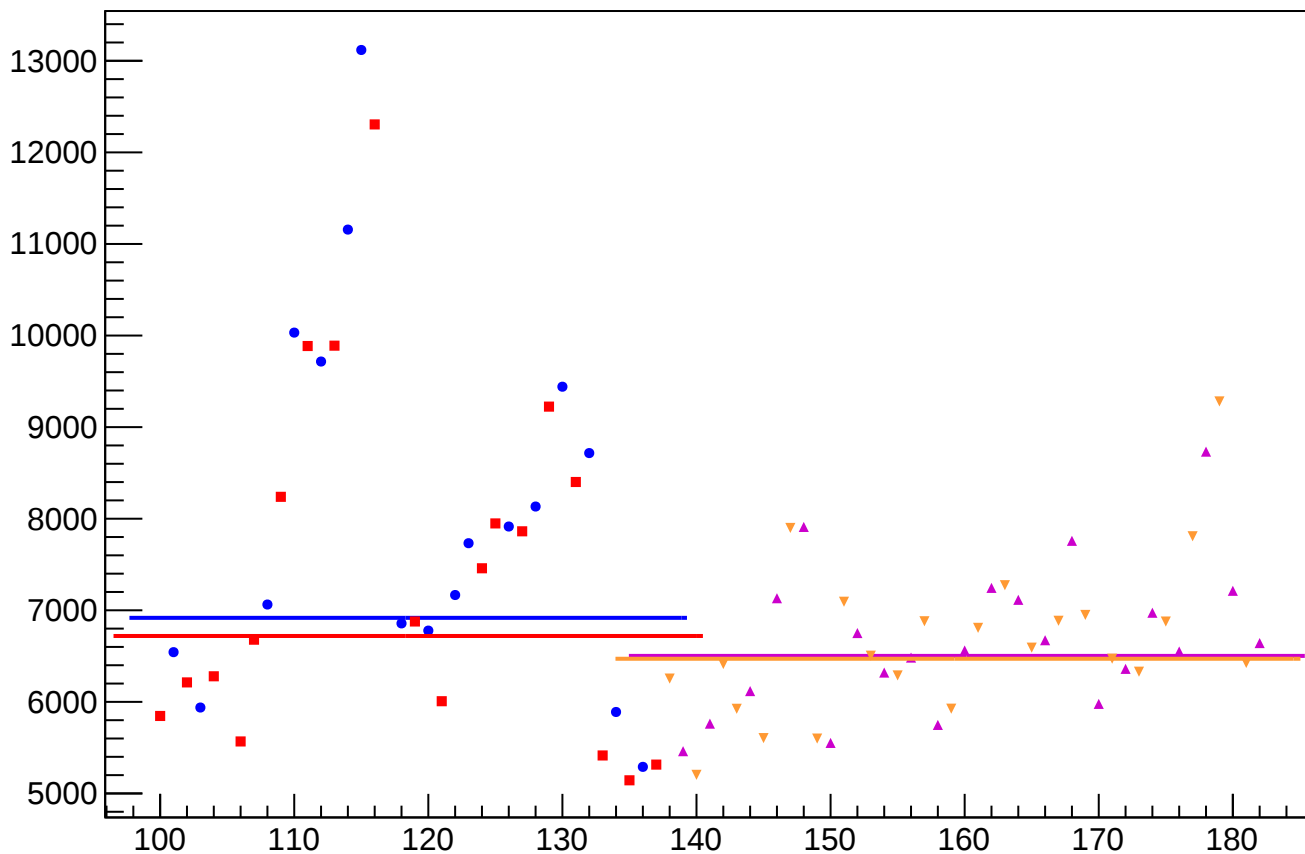
Left In: 1.717 ± 1.584 χ^2/NDF : 33.4/21

+ sign 2.239 ± 1.363 χ^2/NDF : 34.5/39

All: 2.439 ± 0.960 χ^2/NDF : 93.2/80

- sign 2.636 ± 1.352 χ^2/NDF : 58.6/40

diff_bpm4ecY_rms vs Slug



Right In: 6917.621+/-1.946 χ^2/NDF : 588010.6/16

Left Out: 6470.837+/-1.109 χ^2/NDF : 482678.9/22

Right Out: 6719.486+/-1.835 χ^2/NDF : 657829.3/18

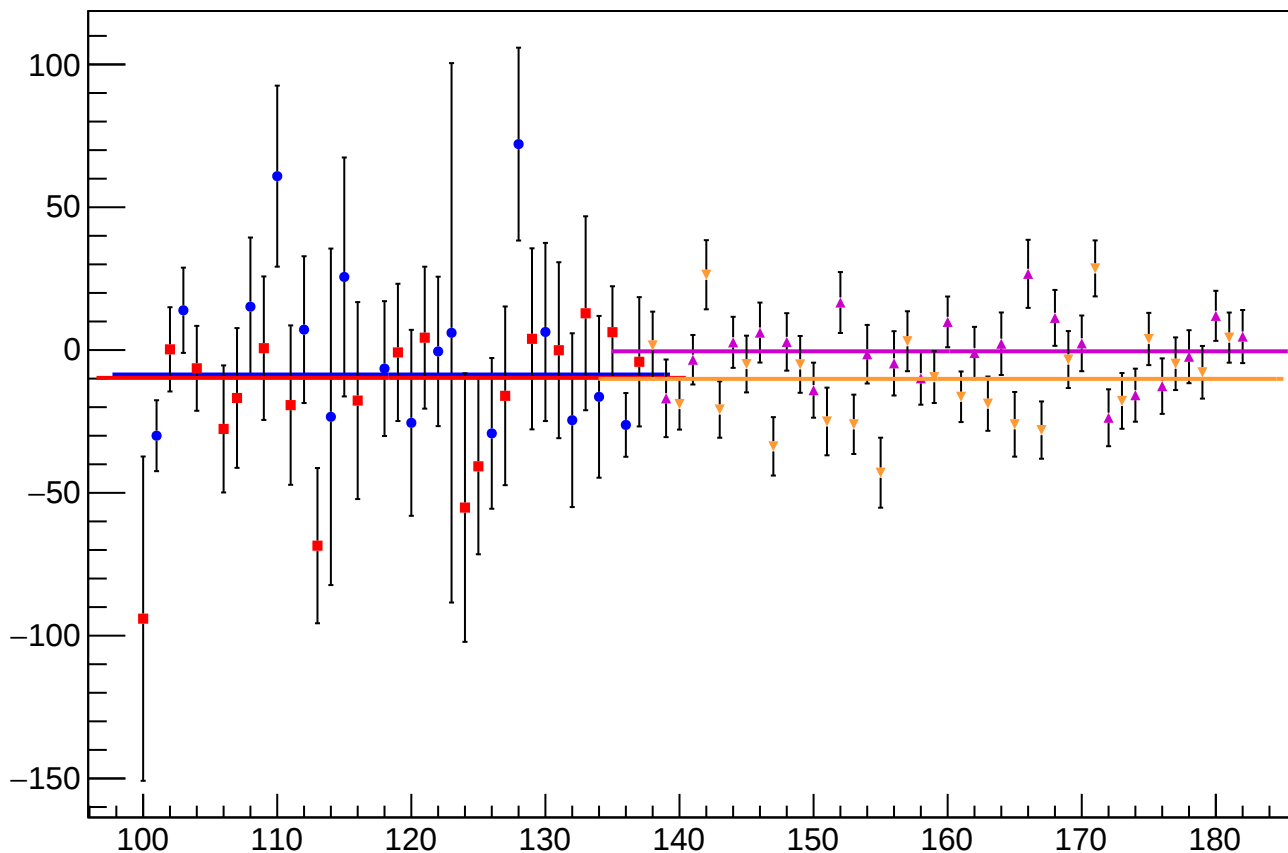
Left In: 6501.988+/-1.120 χ^2/NDF : 439511.3/21

+ sign 6580.374+/-0.963 χ^2/NDF : 1110483.4/39

All: 6570.637+/-0.679 χ^2/NDF : 2218264.8/80

- sign 6561.051+/-0.956 χ^2/NDF : 1107578.8/40

diff_bpm1X_mean vs Slug



Right In: -8.571 ± 5.419 χ^2/NDF : 21.9/16

Left Out: -10.087 ± 2.077 χ^2/NDF : 59.4/22

Right Out: -9.742 ± 5.521 χ^2/NDF : 12.7/18

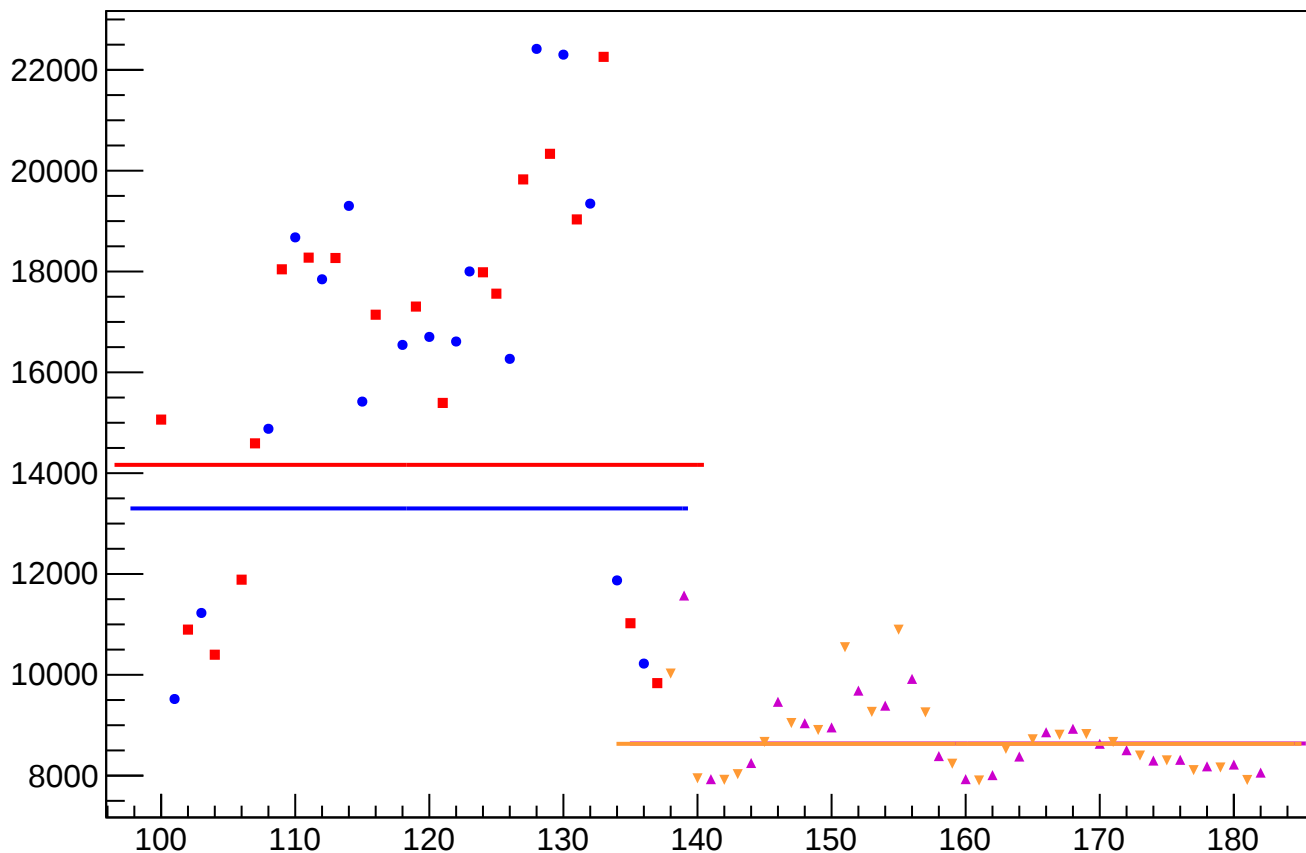
Left In: -0.442 ± 2.093 χ^2/NDF : 28.2/21

+ sign -9.893 ± 1.940 χ^2/NDF : 81.3/39

All: -5.789 ± 1.378 χ^2/NDF : 133.7/80

- sign -1.611 ± 1.957 χ^2/NDF : 43.3/40

diff_bpm1X_rms vs Slug



Right In: 13300.415+/-3.832 χ^2/NDF : 1048873.0/16

Left Out: 8631.101+/-1.469 χ^2/NDF : 241374.1/22

Right Out: 14164.824+/-3.904 χ^2/NDF : 931262.5/18

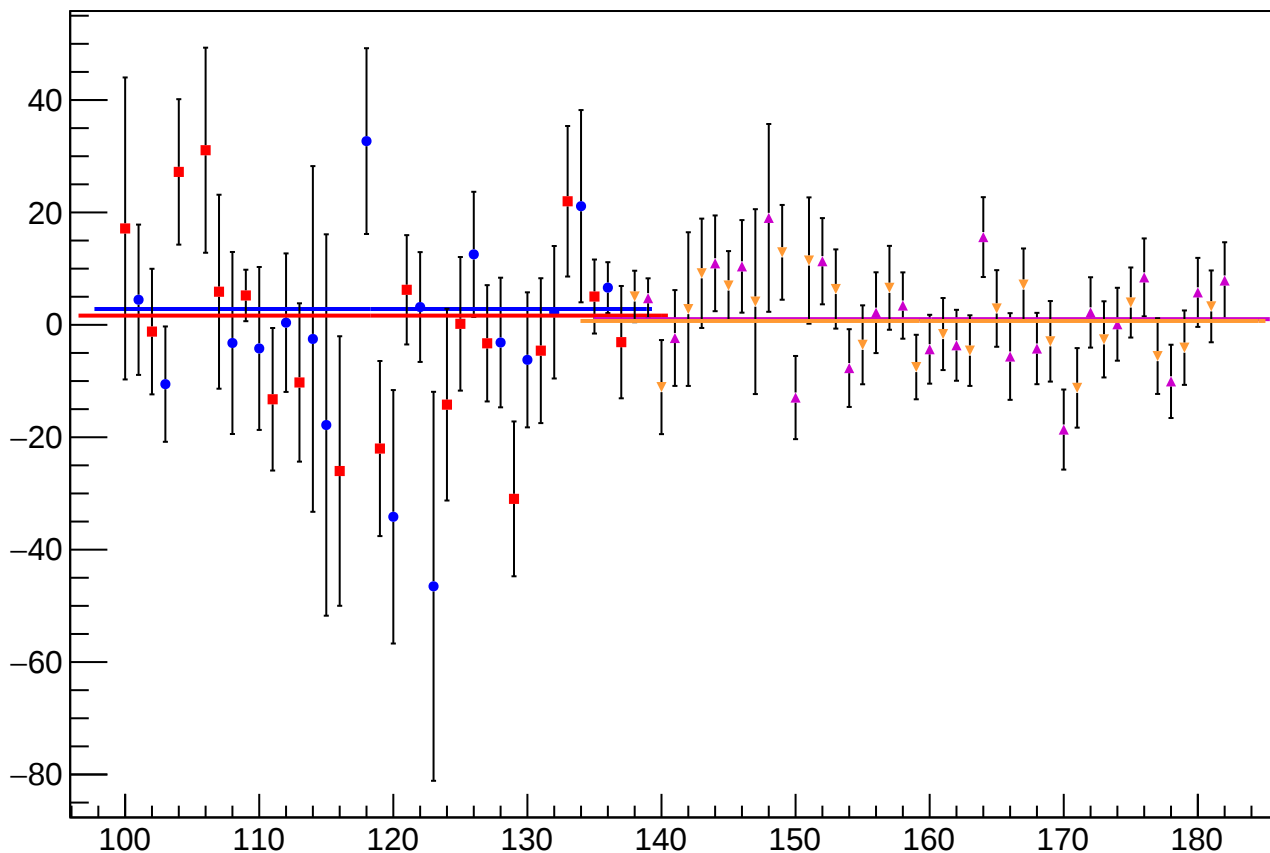
Left In: 8637.794+/-1.480 χ^2/NDF : 233564.7/21

+ sign 9229.369+/-1.372 χ^2/NDF : 2585042.0/39

All: 9280.366+/-0.974 χ^2/NDF : 5505204.6/80

- sign 9332.284+/-1.384 χ^2/NDF : 2917372.6/40

diff_bpm1Y_mean vs Slug



Right In: 2.820 ± 2.762 χ^2/NDF : 14.0/16

Left Out: 0.691 ± 1.458 χ^2/NDF : 18.6/22

Right Out: 1.643 ± 2.447 χ^2/NDF : 23.3/18

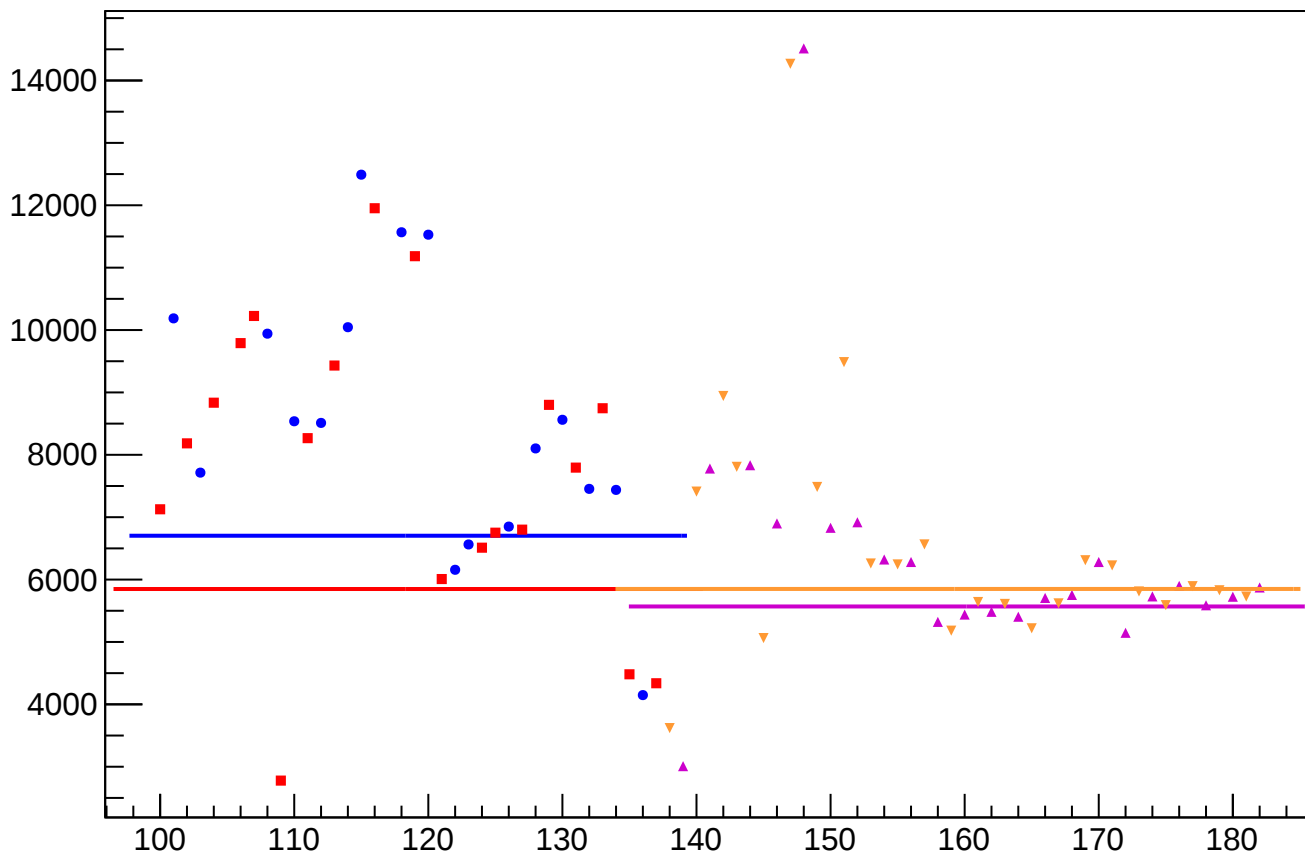
Left In: 1.017 ± 1.407 χ^2/NDF : 32.5/21

+ sign 1.155 ± 1.289 χ^2/NDF : 33.0/39

All: 1.164 ± 0.886 χ^2/NDF : 88.8/80

- sign 1.172 ± 1.220 χ^2/NDF : 55.8/40

diff_bpm1Y_rms vs Slug



Right In: 6702.778 $\pm$ 1.953 χ^2 /NDF: 1389564.7/16

Left Out: 5849.798 $\pm$ 1.031 χ^2 /NDF: 1670403.7/22

Right Out: 5848.805 $\pm$ 1.731 χ^2 /NDF: 2281985.9/18

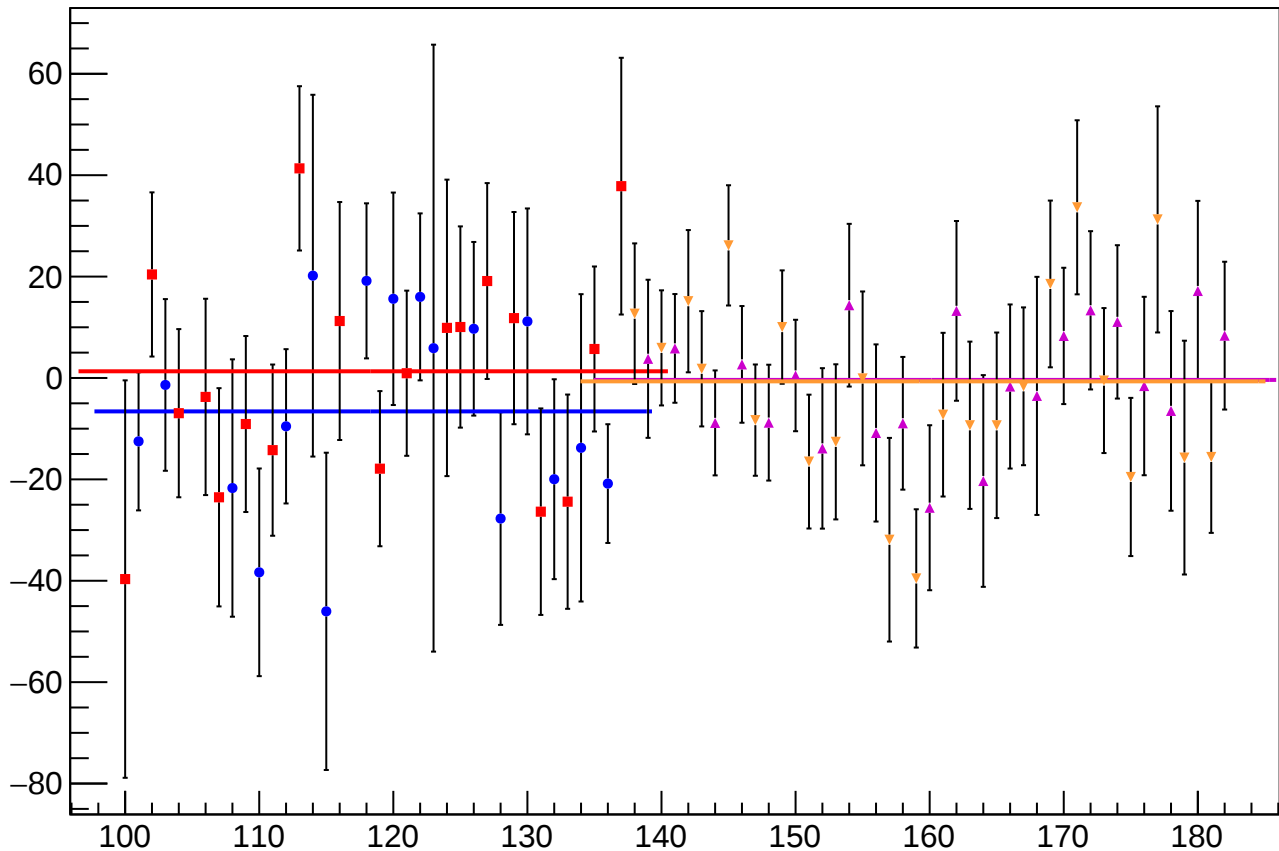
Left In: 5568.936 $\pm$ 0.995 χ^2 /NDF: 2162443.9/21

+ sign 6035.576 $\pm$ 0.912 χ^2 /NDF: 3209118.8/39

All: 5826.096 $\pm$ 0.627 χ^2 /NDF: 7773295.0/80

- sign 5638.490 $\pm$ 0.863 χ^2 /NDF: 4464084.2/40

diff_bpm11X_mean vs Slug



Right In: -6.592 ± 4.559 χ^2/NDF : 15.7/16

Left Out: -0.665 ± 3.022 χ^2/NDF : 32.7/22

Right Out: 1.319 ± 4.382 χ^2/NDF : 20.1/18

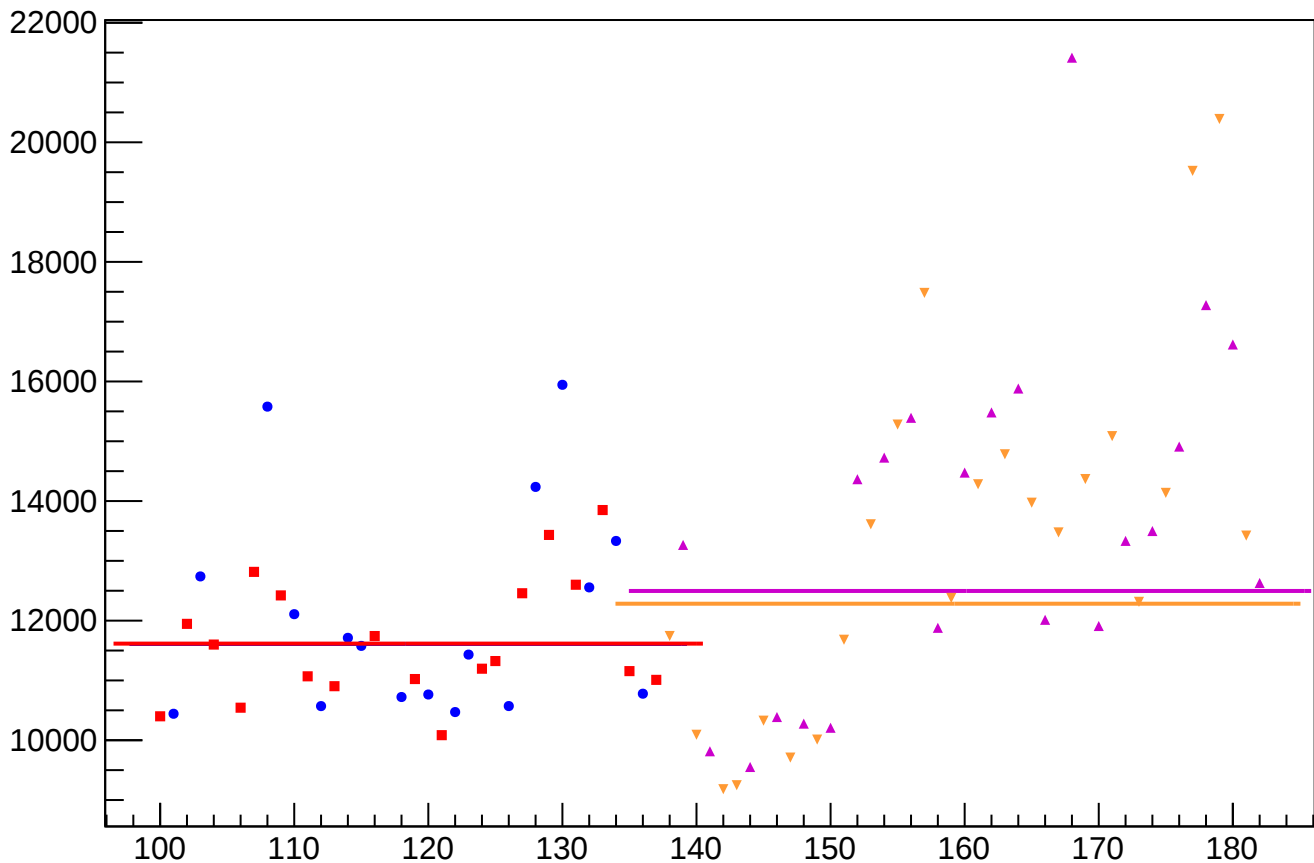
Left In: -0.382 ± 3.083 χ^2/NDF : 11.2/21

+ sign -2.474 ± 2.519 χ^2/NDF : 49.5/39

All: -1.148 ± 1.782 χ^2/NDF : 81.4/80

- sign 0.182 ± 2.522 χ^2/NDF : 31.3/40

diff_bpm11X_rms vs Slug



Right In: 11609.845+/-3.224 χ^2/NDF : 238142.5/16

Left Out: 12283.156+/-2.137 χ^2/NDF : 1467636.8/22

Right Out: 11615.563+/-3.099 χ^2/NDF : 95603.2/18

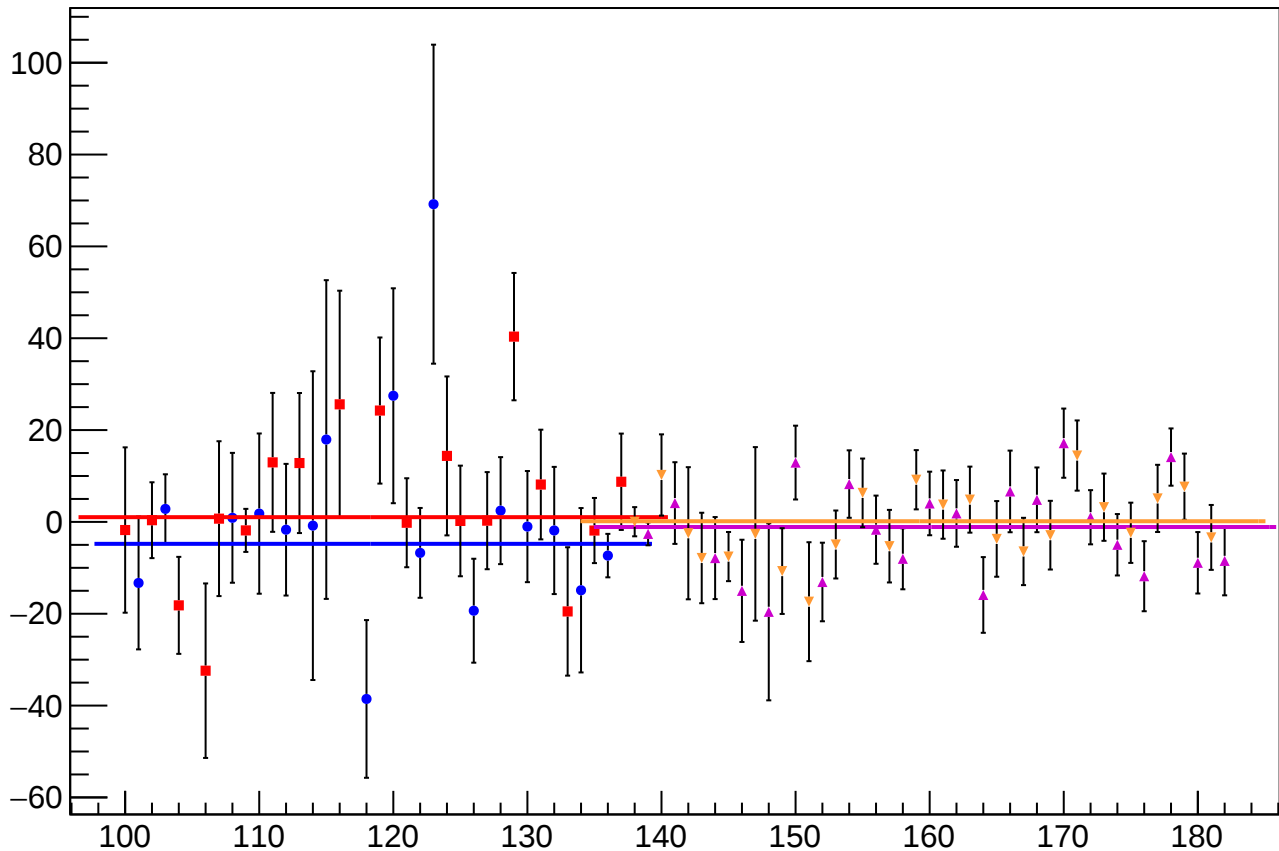
Left In: 12496.361+/-2.180 χ^2/NDF : 1357636.3/21

+ sign 12077.658+/-1.781 χ^2/NDF : 1736084.4/39

All: 12141.115+/-1.260 χ^2/NDF : 3245905.1/8

- sign 12204.719+/-1.783 χ^2/NDF : 1507279.0/40

diff_bpm11Y_mean vs Slug



Right In: -4.776 ± 2.787 χ^2/NDF : 15.3/16

Left Out: 0.145 ± 1.468 χ^2/NDF : 18.3/22

Right Out: 1.032 ± 2.434 χ^2/NDF : 23.0/18

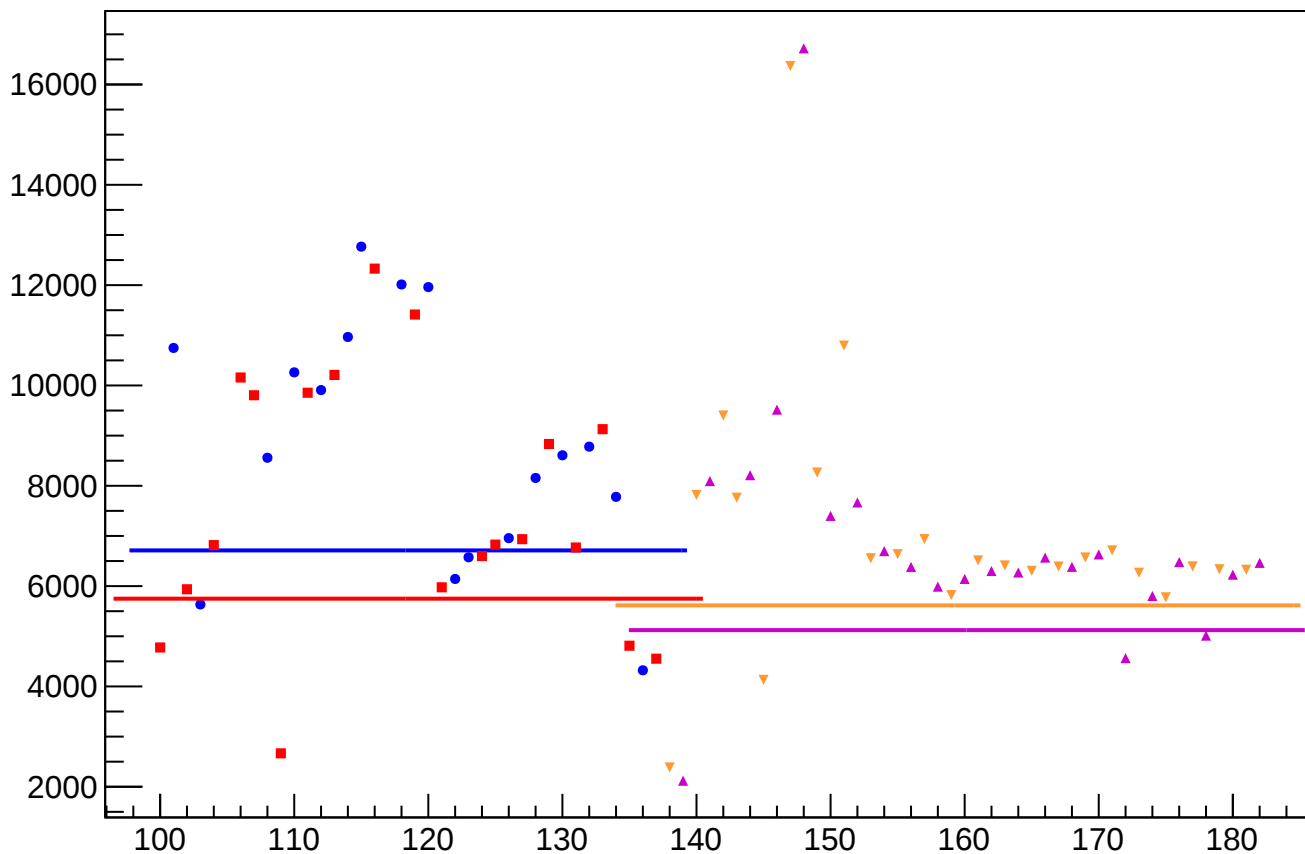
Left In: -1.112 ± 1.381 χ^2/NDF : 33.5/21

+ sign -0.924 ± 1.299 χ^2/NDF : 36.1/39

All: -0.744 ± 0.882 χ^2/NDF : 93.2/80

- sign -0.590 ± 1.201 χ^2/NDF : 57.1/40

diff_bpm11Y_rms vs Slug



Right In: 6711.784+/-1.971 χ^2/NDF : 1446319.6/16

Left Out: 5616.206+/-1.038 χ^2/NDF : 4078501.4/22

Right Out: 5749.579+/-1.721 χ^2/NDF : 2167509.2/18

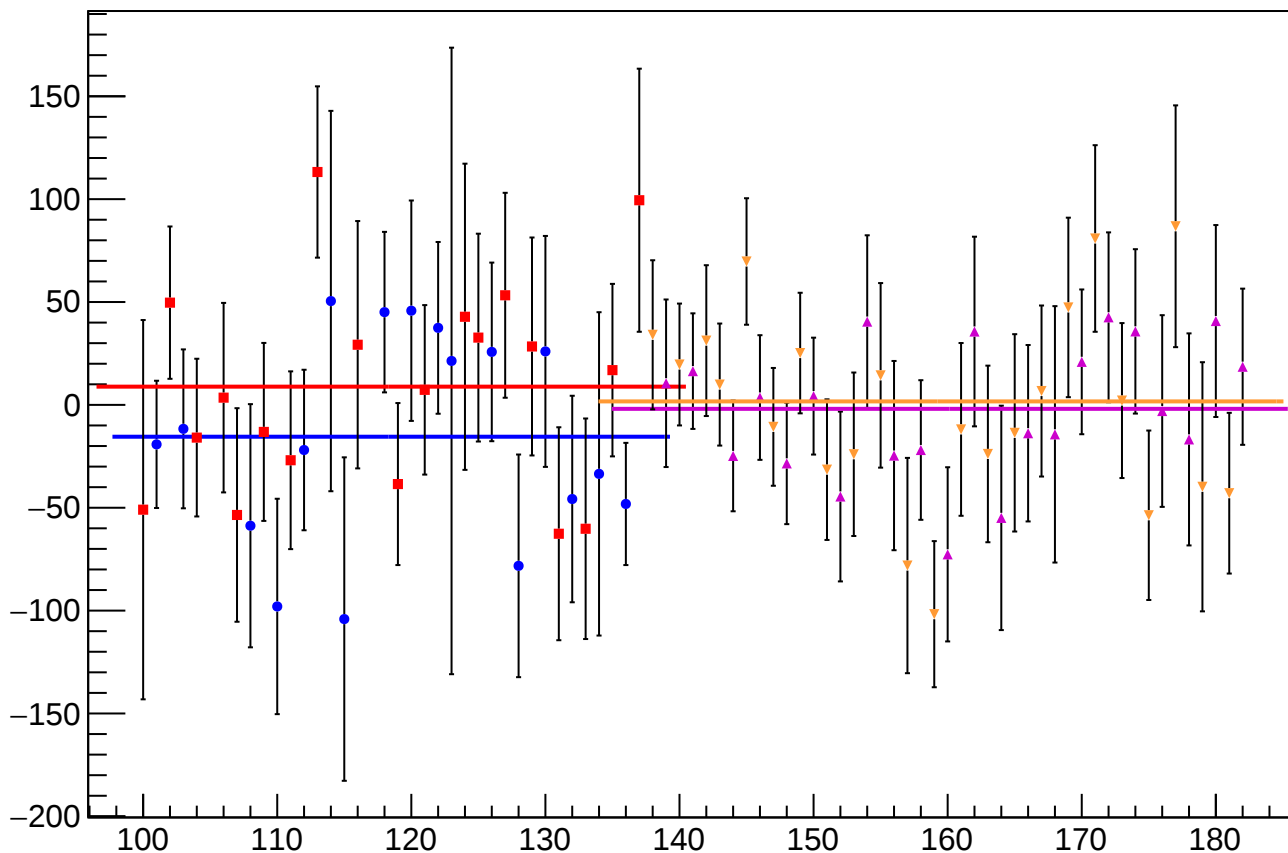
Left In: 5122.389+/-0.976 χ^2/NDF : 5477058.1/21

+ sign 5854.171+/-0.919 χ^2/NDF : 5766691.6/39

All: 5541.929+/-0.624 χ^2/NDF : 13726042.1/8

- sign 5275.108+/-0.849 χ^2/NDF : 7745063.7/40

diff_bpm12X_mean vs Slug



Right In: -15.474 ± 11.317 χ^2/NDF : 14.7/16

Left Out: 1.693 ± 7.902 χ^2/NDF : 30.3/22

Right Out: 8.865 ± 10.914 χ^2/NDF : 19.3/18

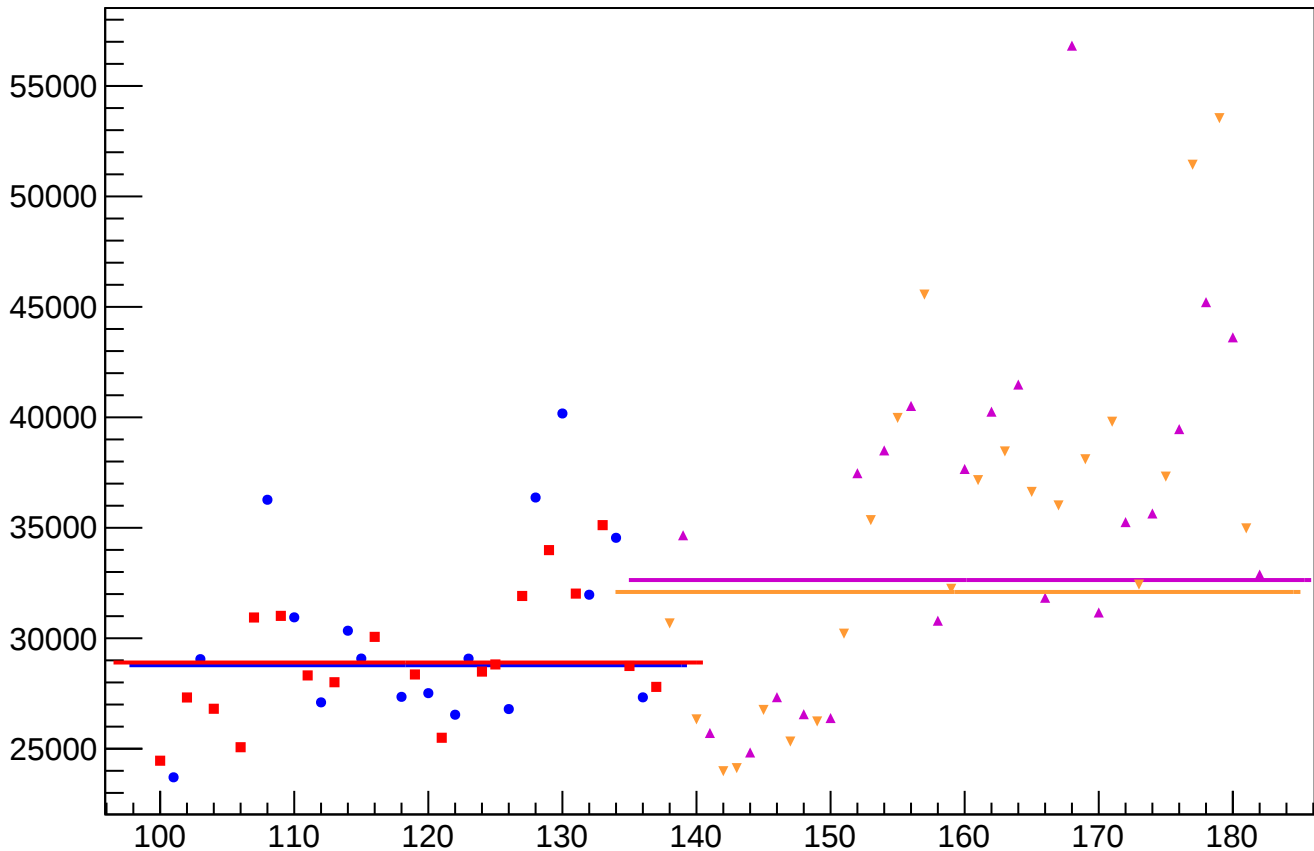
Left In: -1.925 ± 8.058 χ^2/NDF : 13.0/21

+ sign -3.933 ± 6.479 χ^2/NDF : 46.5/39

All: -1.027 ± 4.583 χ^2/NDF : 79.8/80

- sign 1.882 ± 6.483 χ^2/NDF : 32.9/40

diff_bpm12X_rms vs Slug



Right In: 28779.223+/-8.003 χ^2/NDF : 252972.7/16

Left Out: 32095.917+/-5.587 χ^2/NDF :1502120.4/22

Right Out: 28902.401+/-7.717 χ^2/NDF : 112698.1/18

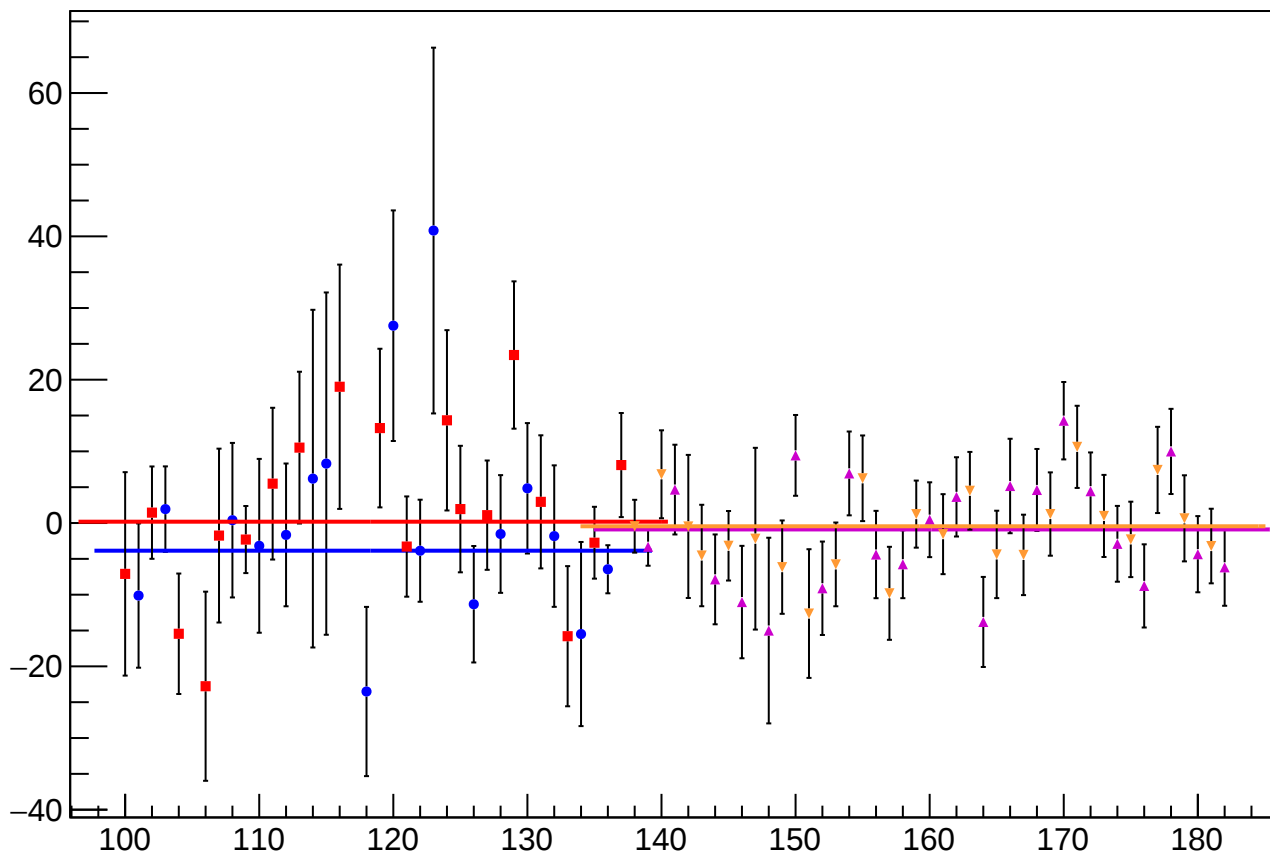
Left In: 32635.484+/-5.698 χ^2/NDF :1402103.1/21

+ sign 31008.991+/-4.581 χ^2/NDF : 1870573.7/39

All: 31163.621+/-3.240 χ^2/NDF : 3539096.7/8

- sign 31318.432+/-4.584 χ^2/NDF : 1666243.0/40

diff_bpm12Y_mean vs Slug



Right In: -3.861 ± 2.014 χ^2/NDF : 14.9/16

Left Out: -0.455 ± 1.208 χ^2/NDF : 16.8/22

Right Out: 0.185 ± 1.897 χ^2/NDF : 21.9/18

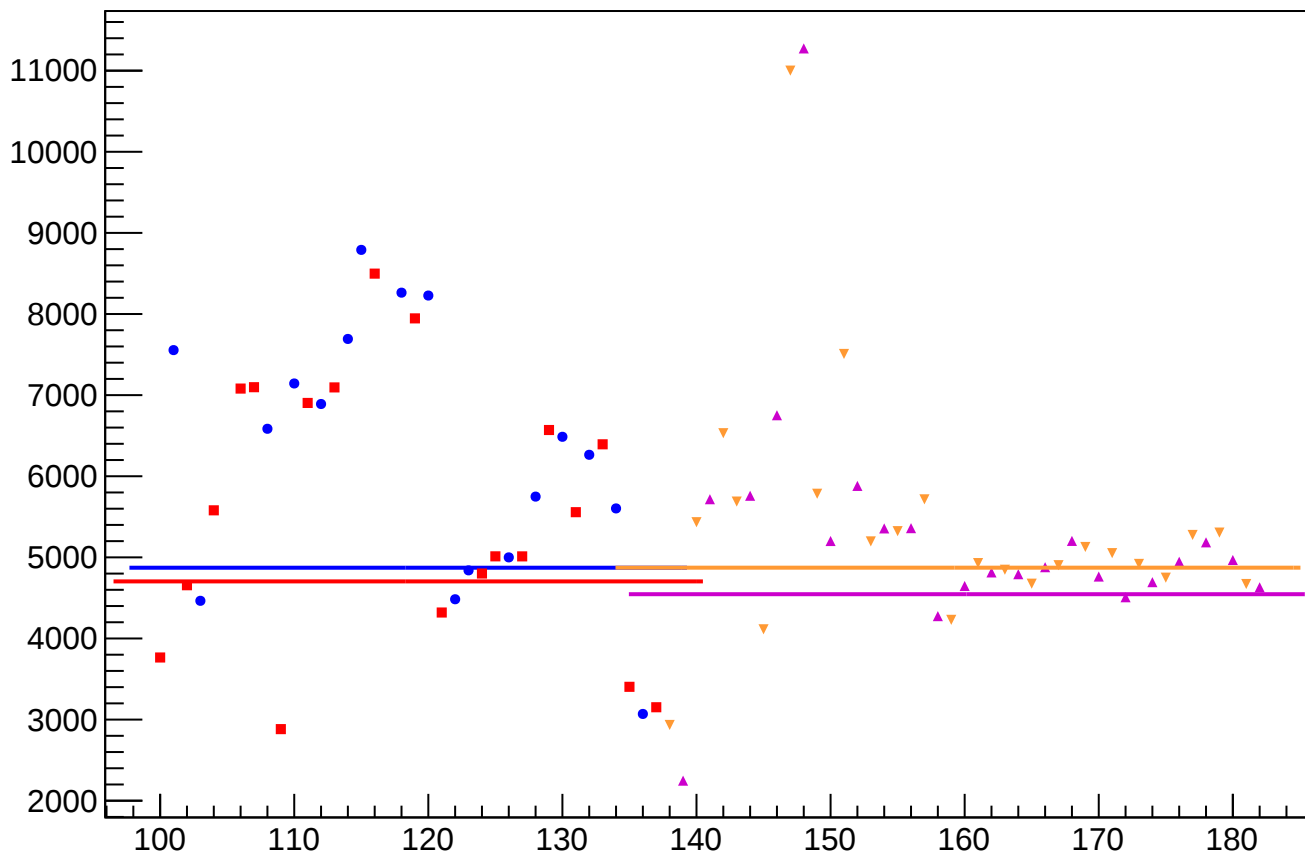
Left In: -0.897 ± 1.153 χ^2/NDF : 36.2/21

+ sign -1.356 ± 1.036 χ^2/NDF : 33.8/39

All: -0.962 ± 0.714 χ^2/NDF : 92.4/80

- sign -0.605 ± 0.985 χ^2/NDF : 58.3/40

diff_bpm12Y_rms vs Slug



Right In: 4872.339+/-1.424 χ^2/NDF : 1404599.6/16

Left Out: 4872.889+/-0.854 χ^2/NDF : 1500483.4/22

Right Out: 4703.667+/-1.341 χ^2/NDF : 1315659.7/18

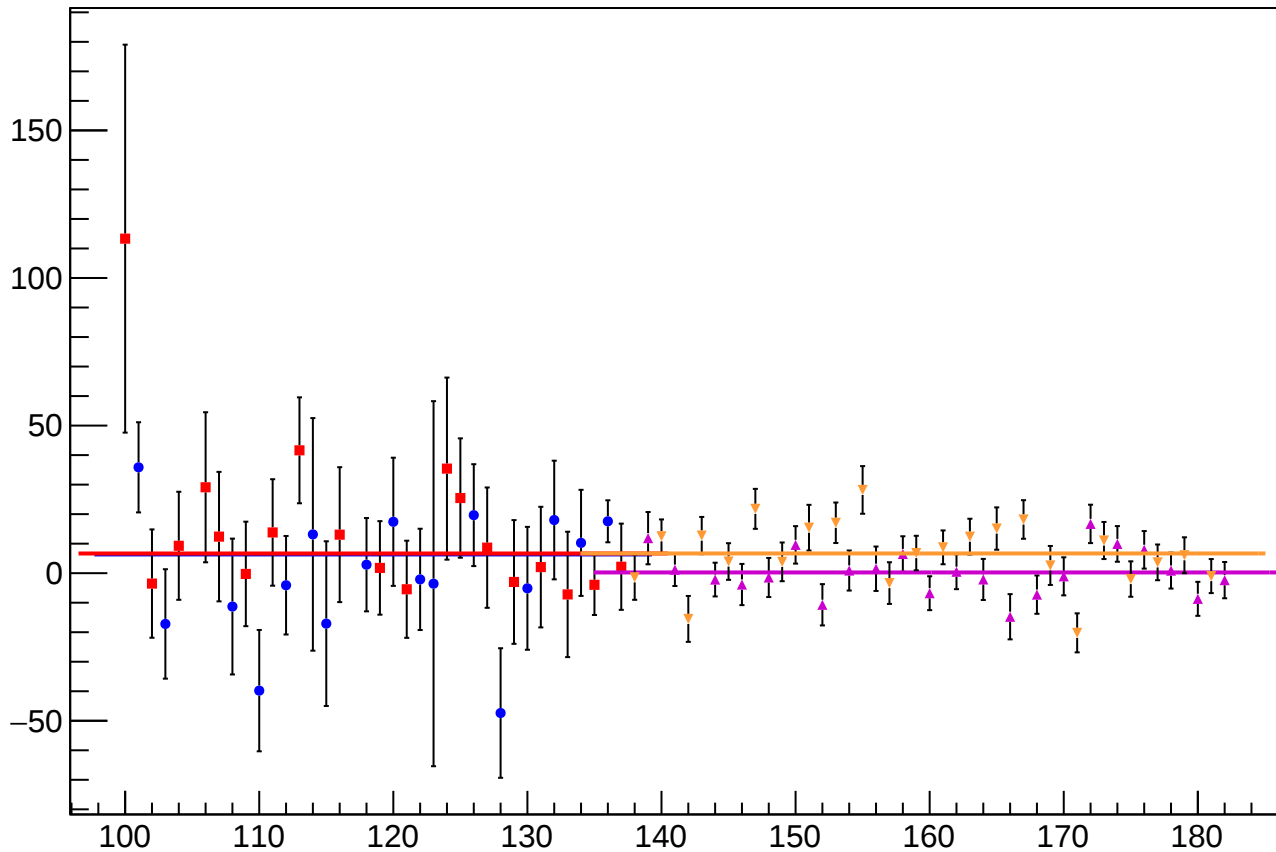
Left In: 4545.865+/-0.815 χ^2/NDF : 2634123.8/21

+ sign 4872.743+/-0.733 χ^2/NDF : 2905083.1/39

All: 4723.453+/-0.505 χ^2/NDF : 6944077.3/80

- sign 4588.434+/-0.697 χ^2/NDF : 3959891.7/40

diff_bpm16X_mean vs Slug



Right In: 6.348 ± 4.088 $\chi^2/\text{NDF}: 22.4/16$

Left Out: 6.681 ± 1.352 $\chi^2/\text{NDF}: 56.3/22$

Right Out: 6.668 ± 4.232 $\chi^2/\text{NDF}: 12.2/18$

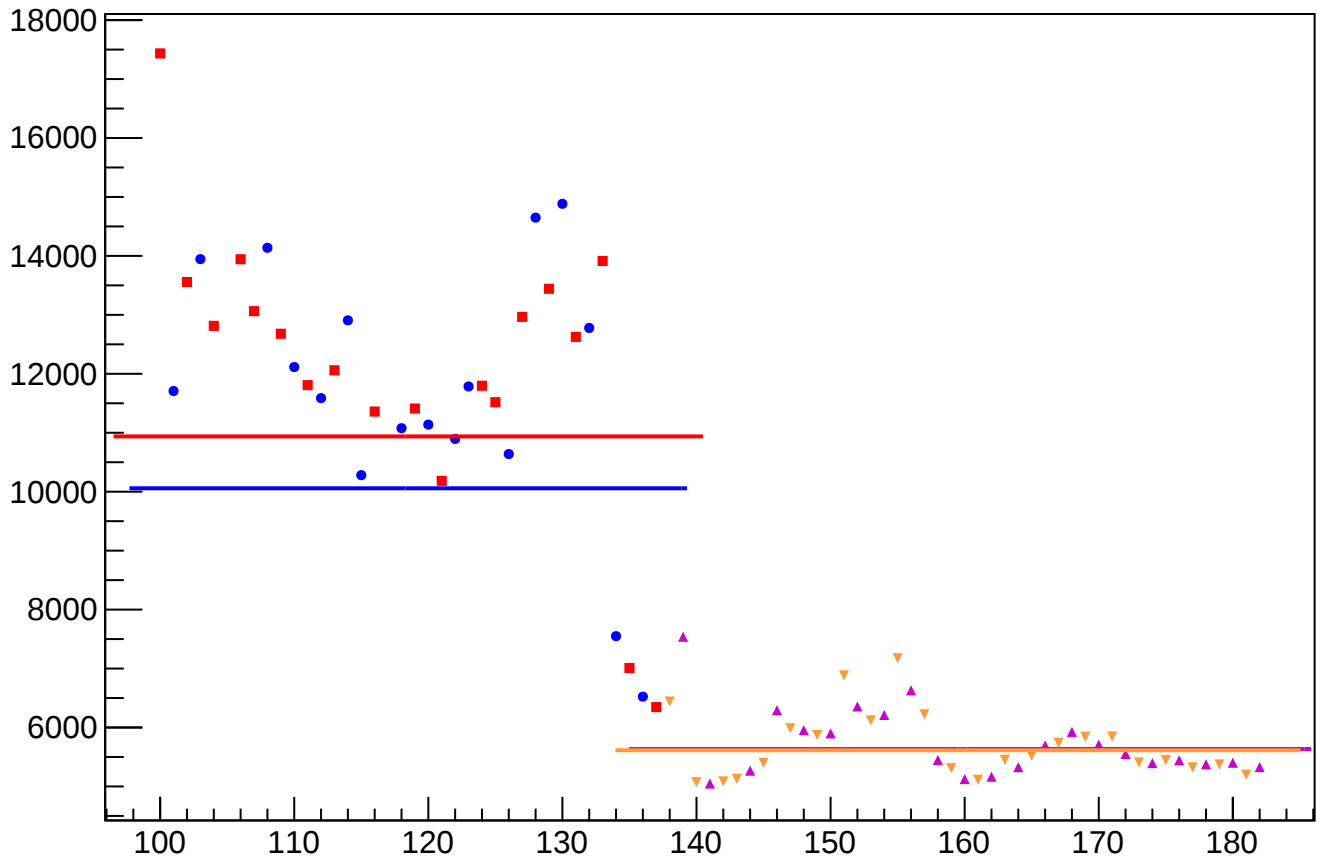
Left In: 0.248 ± 1.366 $\chi^2/\text{NDF}: 27.9/21$

+ sign 6.648 ± 1.284 $\chi^2/\text{NDF}: 78.7/39$

All: 3.787 ± 0.914 $\chi^2/\text{NDF}: 131.0/80$

- sign 0.853 ± 1.300 $\chi^2/\text{NDF}: 42.2/40$

diff_bpm16X_rms vs Slug



Right In: 10057.738 $\pm$ 2.891 χ^2 /NDF: 1007657.1/16

Left Out: 5614.321 $\pm$ 0.956 χ^2 /NDF: 278343.7/22

+ sign 6052.447 $\pm$ 0.908 χ^2 /NDF: 3415394.6/39

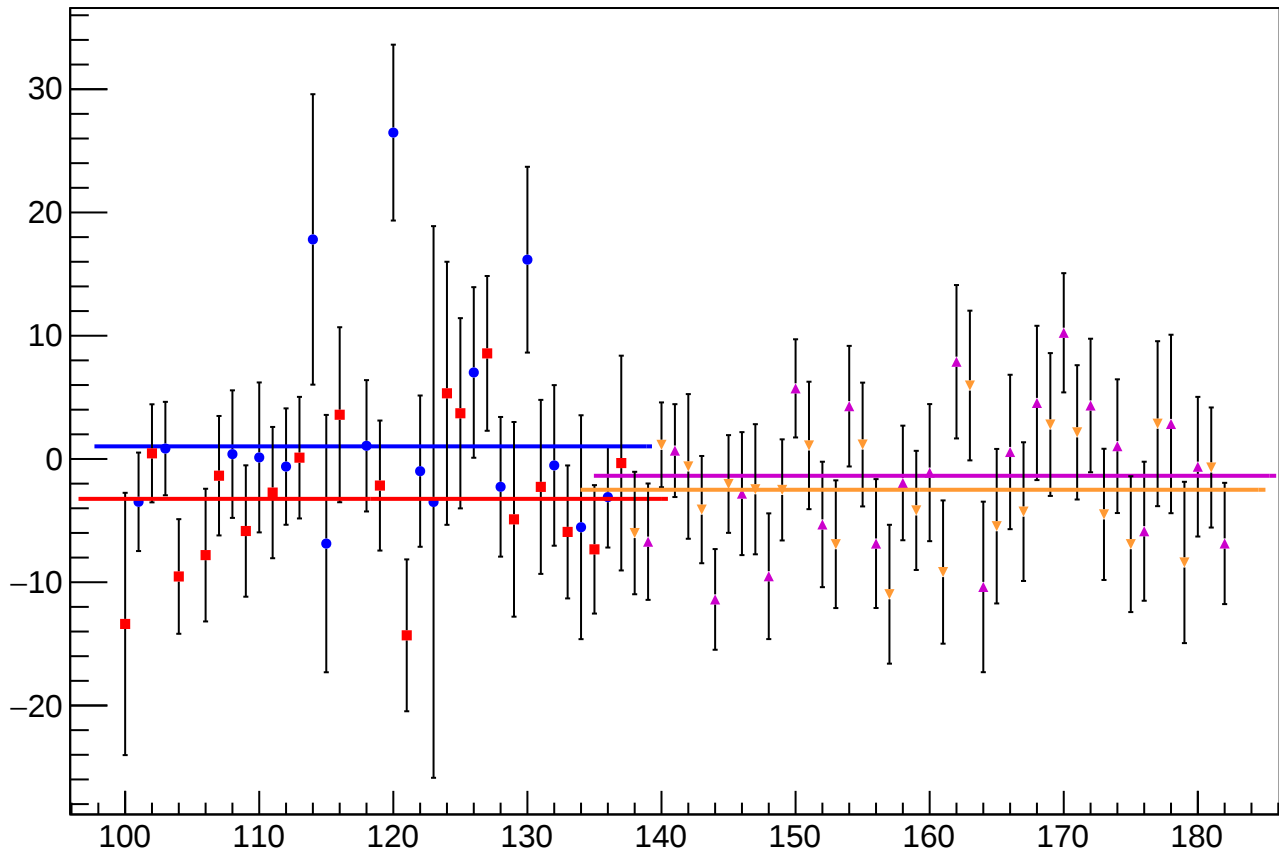
Right Out: 10938.028 $\pm$ 2.993 χ^2 /NDF: 764124.4/18

All: 6093.410 $\pm$ 0.646 χ^2 /NDF: 7303289.8/80

- sign 6135.421 $\pm$ 0.919 χ^2 /NDF: 3883770.9/40

Left In: 5634.992 $\pm$ 0.966 χ^2 /NDF: 275983.1/21

diff_bpm16Y_mean vs Slug



Right In: 1.024 ± 1.405 χ^2/NDF : 23.6/16

Left Out: -2.497 ± 1.061 χ^2/NDF : 13.5/22

Right Out: -3.235 ± 1.336 χ^2/NDF : 15.4/18

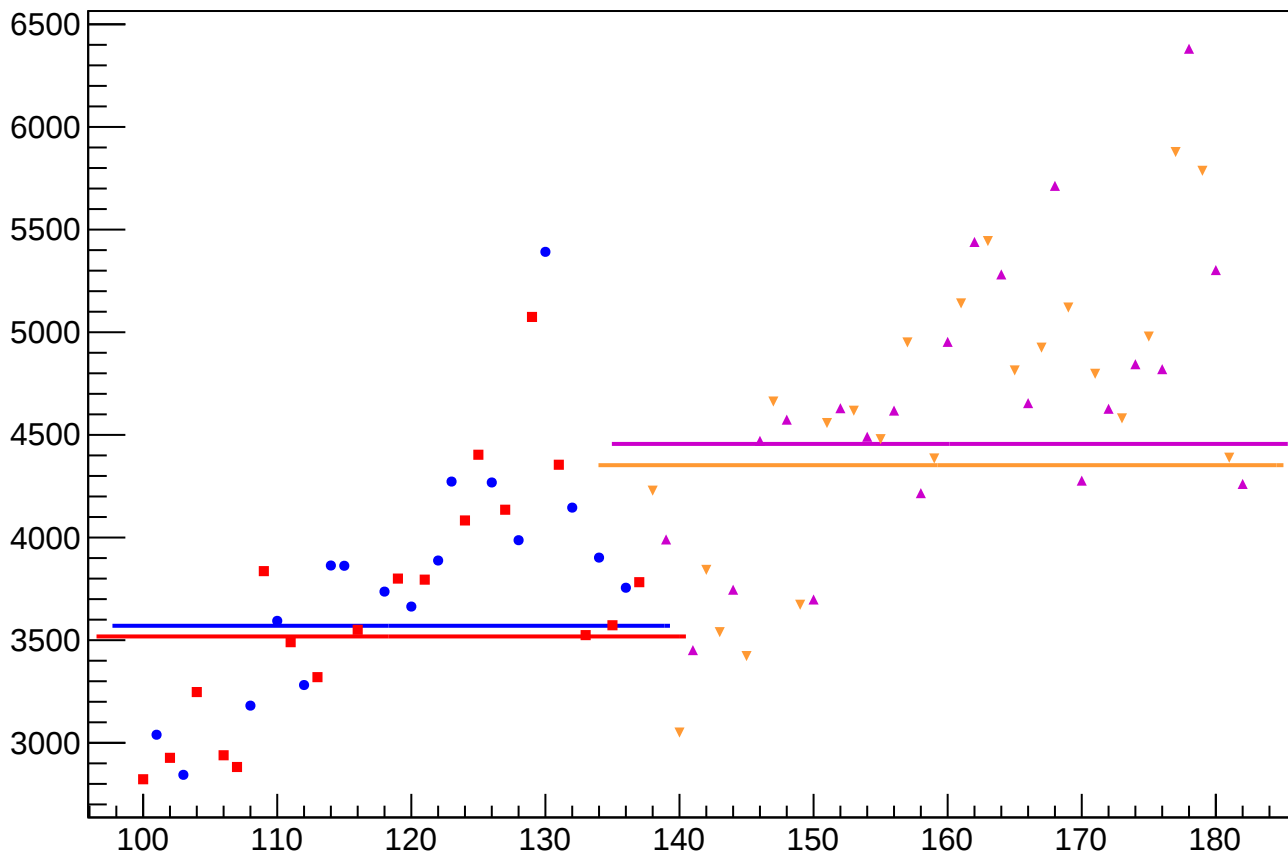
Left In: -1.363 ± 1.088 χ^2/NDF : 30.7/21

+ sign -1.218 ± 0.847 χ^2/NDF : 41.1/39

All: -1.666 ± 0.598 χ^2/NDF : 88.9/80

- sign -2.110 ± 0.844 χ^2/NDF : 47.2/40

diff_bpm16Y_rms vs Slug



Right In: 3570.193 $\pm$ 0.994 χ^2 /NDF: 310317.2/16

Left Out: 4352.468 $\pm$ 0.751 χ^2 /NDF: 987824.4/22

Right Out: 3518.219 $\pm$ 0.944 χ^2 /NDF: 296342.1/18

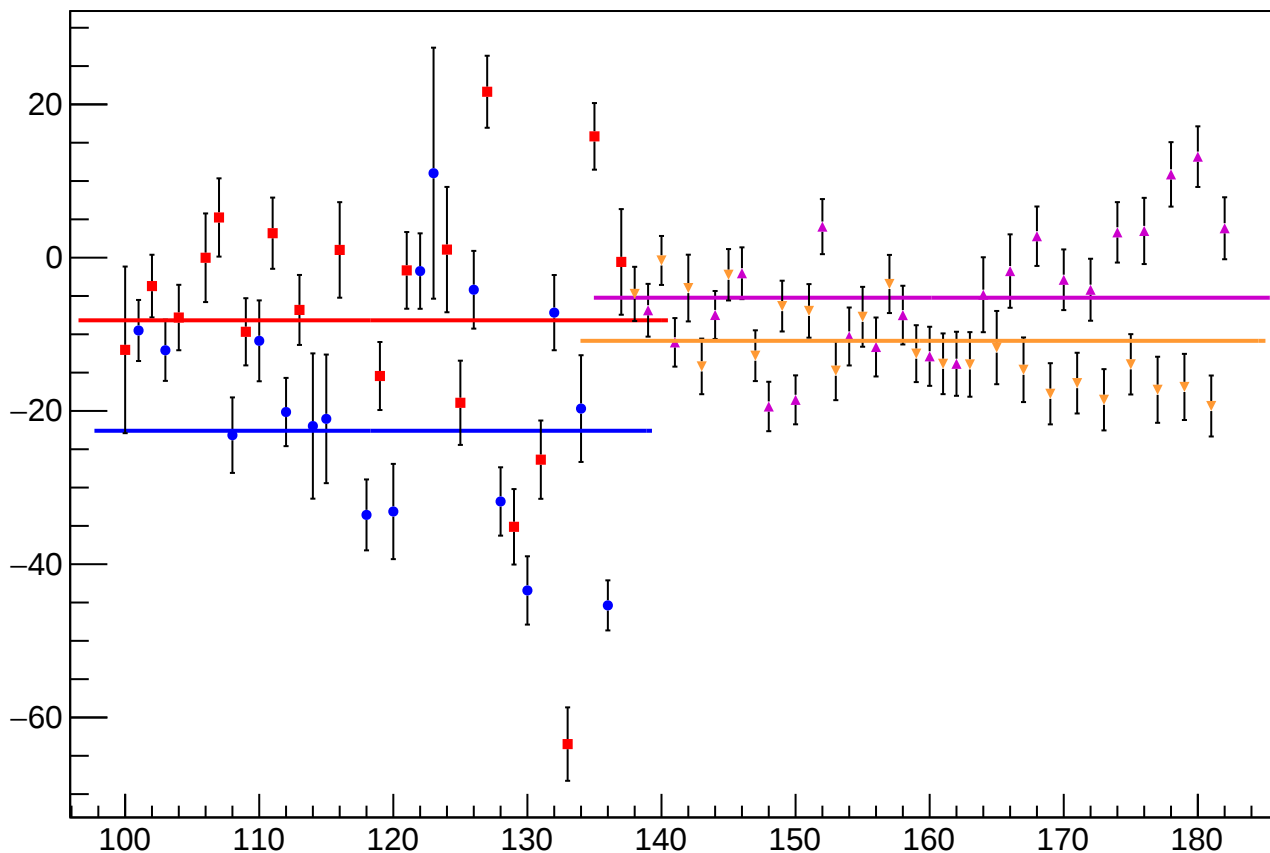
Left In: 4456.048 $\pm$ 0.770 χ^2 /NDF: 694921.0/21

+ sign 4068.322 $\pm$ 0.599 χ^2 /NDF: 1692772.4/39

All: 4075.087 $\pm$ 0.423 χ^2 /NDF: 3276776.6/80

- sign 4081.802 $\pm$ 0.597 χ^2 /NDF: 1583749.9/40

diff_bpm0l01X_mean vs Slug



Right In: -22.588 ± 1.203 χ^2/NDF : 151.6/16

Left Out: -10.852 ± 0.796 χ^2/NDF : 52.8/22

Right Out: -8.176 ± 1.159 χ^2/NDF : 275.9/18

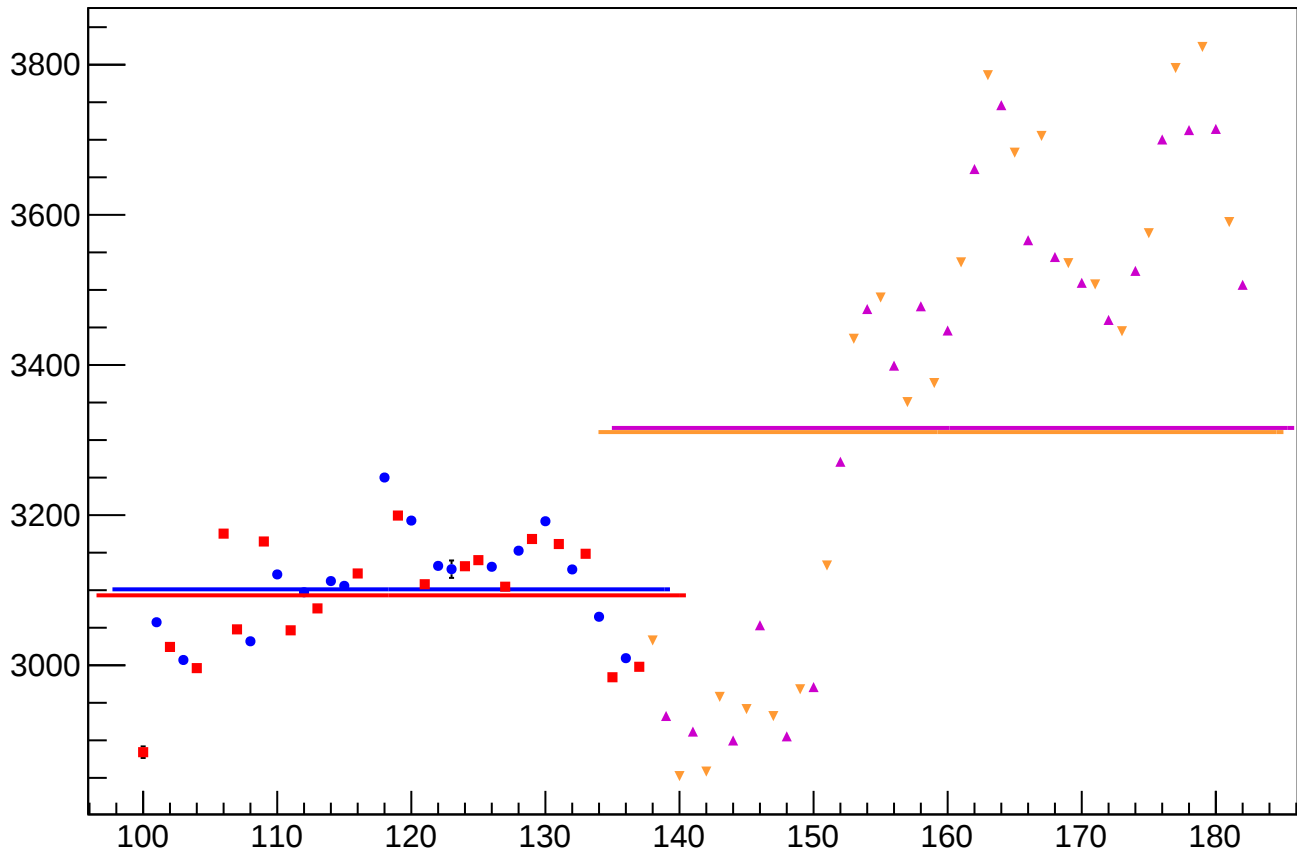
Left In: -5.227 ± 0.803 χ^2/NDF : 116.9/21

+ sign -14.425 ± 0.664 χ^2/NDF : 270.6/39

All: -10.281 ± 0.468 χ^2/NDF : 745.3/80

- sign -6.183 ± 0.660 χ^2/NDF : 397.2/40

diff_bpm0l01X_rms vs Slug



Right In: 3101.155+/-0.850 χ^2/NDF : 7225.5/16

Left Out: 3310.633+/-0.563 χ^2/NDF : 325610.3/22

Right Out: 3093.153+/-0.819 χ^2/NDF : 7805.1/18

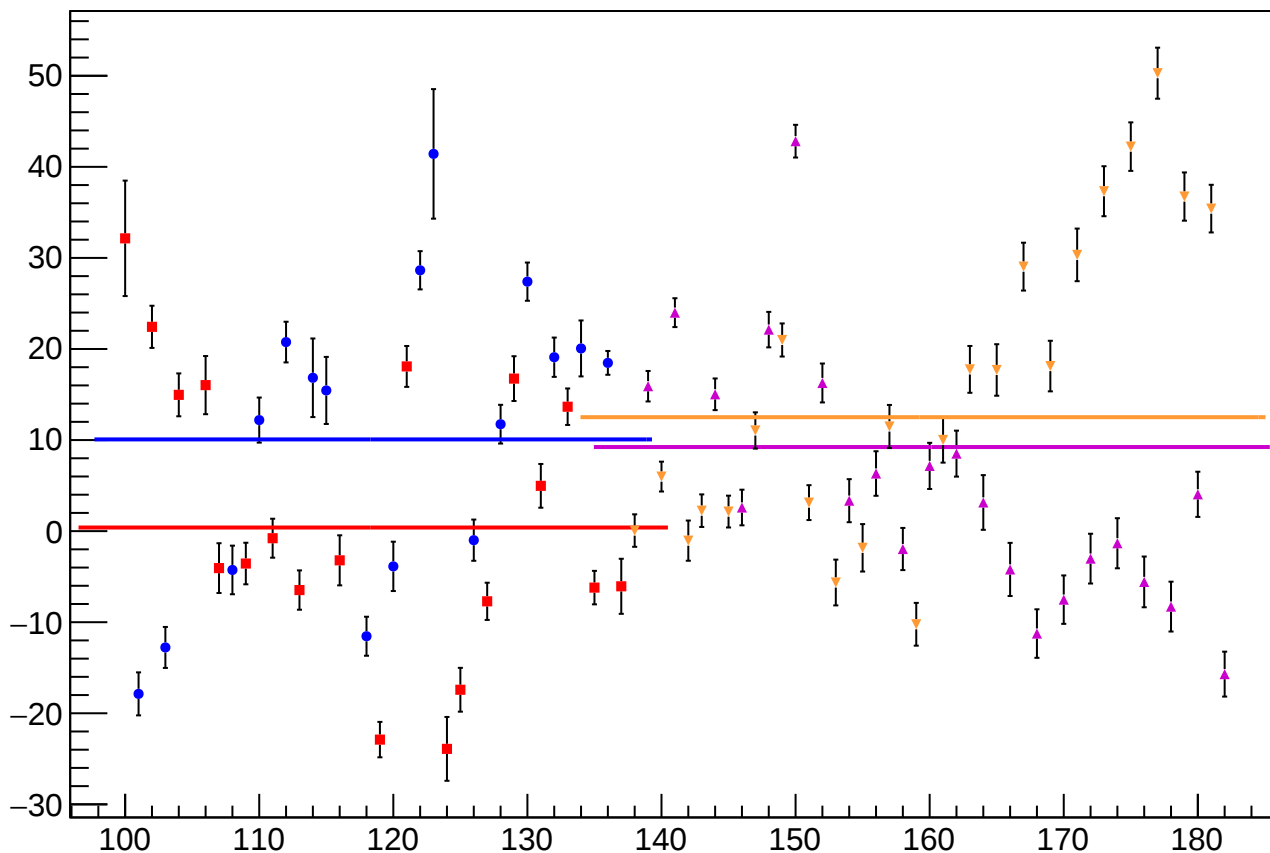
Left In: 3316.150+/-0.568 χ^2/NDF : 284049.6/21

+ sign 3246.843+/-0.469 χ^2/NDF : 375038.6/39

All: 3245.333+/-0.331 χ^2/NDF : 716956.9/80

- sign 3243.841+/-0.467 χ^2/NDF : 341897.7/40

diff_bpm0l01Y_mean vs Slug



Right In: 10.071 $\pm$ 0.563 χ^2 /NDF: 688.1/16

Left Out: 12.511 $\pm$ 0.469 χ^2 /NDF:1031.6/22

Right Out: 0.397 $\pm$ 0.548 χ^2 /NDF: 629.0/18

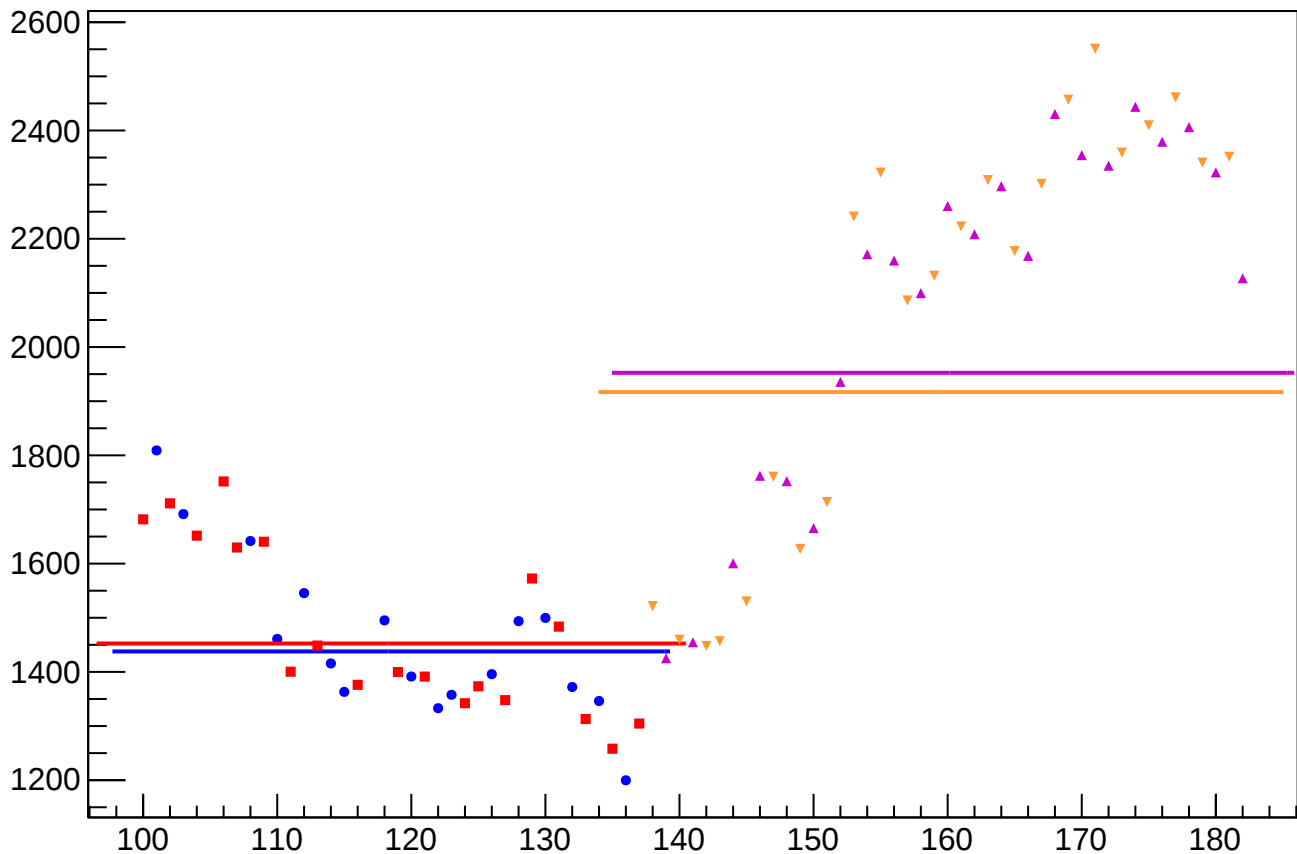
Left In: 9.234 $\pm$ 0.479 χ^2 /NDF:896.5/21

+ sign 11.511 $\pm$ 0.360 χ^2 /NDF: 1730.8/39

All: 8.462 $\pm$ 0.255 χ^2 /NDF: 3547.1/80

- sign 5.403 $\pm$ 0.361 χ^2 /NDF: 1672.8/40

diff_bpm0l01Y_rms vs Slug



Right In: 1437.799 $\pm$ 0.398 χ^2 /NDF: 173192.9/16

Left Out: 1916.827 $\pm$ 0.332 χ^2 /NDF:1380052.1/22

Right Out: 1452.461 $\pm$ 0.387 χ^2 /NDF: 138487.1/18

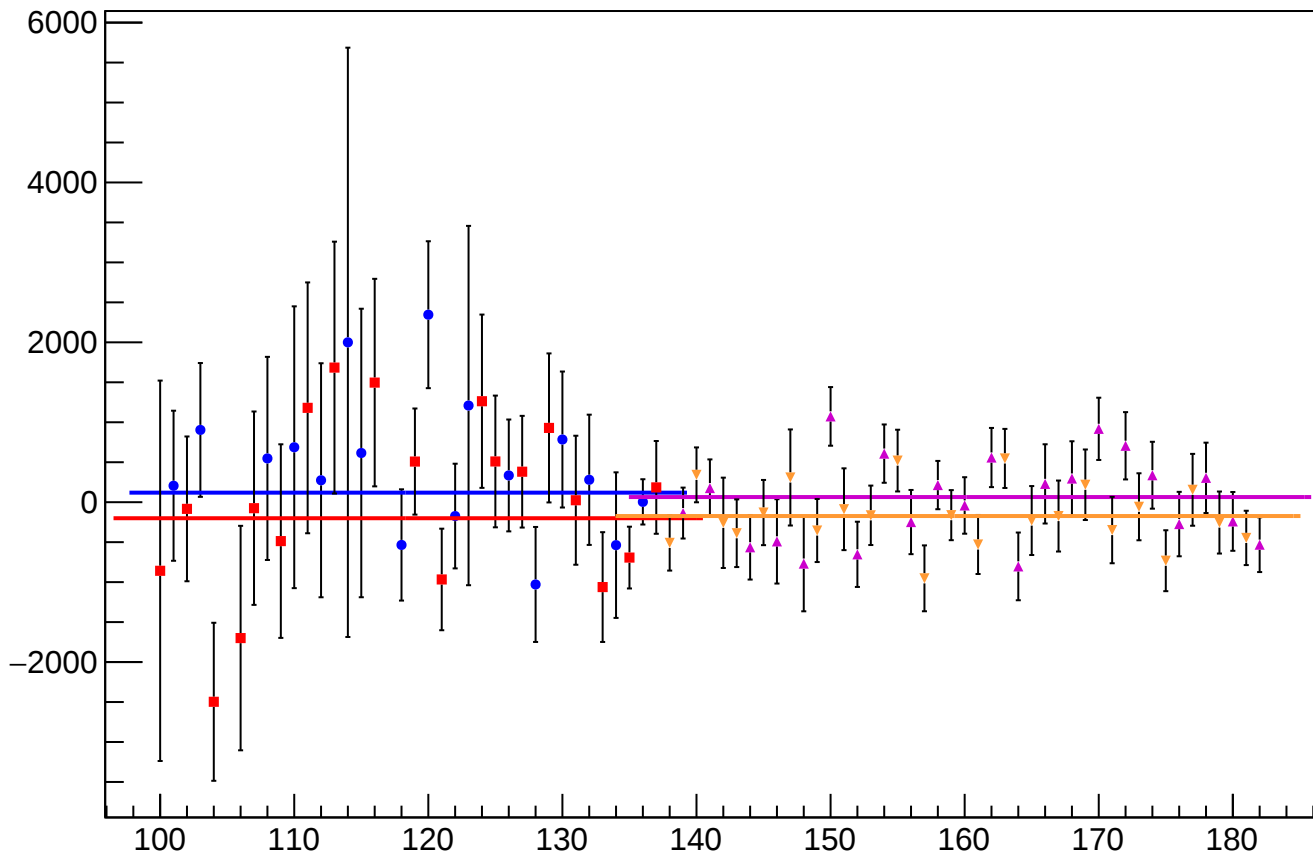
Left In: 1952.457 $\pm$ 0.339 χ^2 /NDF:1065316.9/21

+ sign 1720.488 $\pm$ 0.255 χ^2 /NDF: 2408703.4/39

All: 1728.070 $\pm$ 0.180 χ^2 /NDF: 4557581.8/80

- sign 1735.675 $\pm$ 0.255 χ^2 /NDF: 2147103.7/40

asym_sam1_mean vs Slug



Right In: 119.363 ± 180.601 χ^2/NDF : 12.6/16

Left Out: -173.135 ± 83.496 χ^2/NDF : 20.3/22

Right Out: -200.642 ± 184.789 χ^2/NDF : 21.7/18

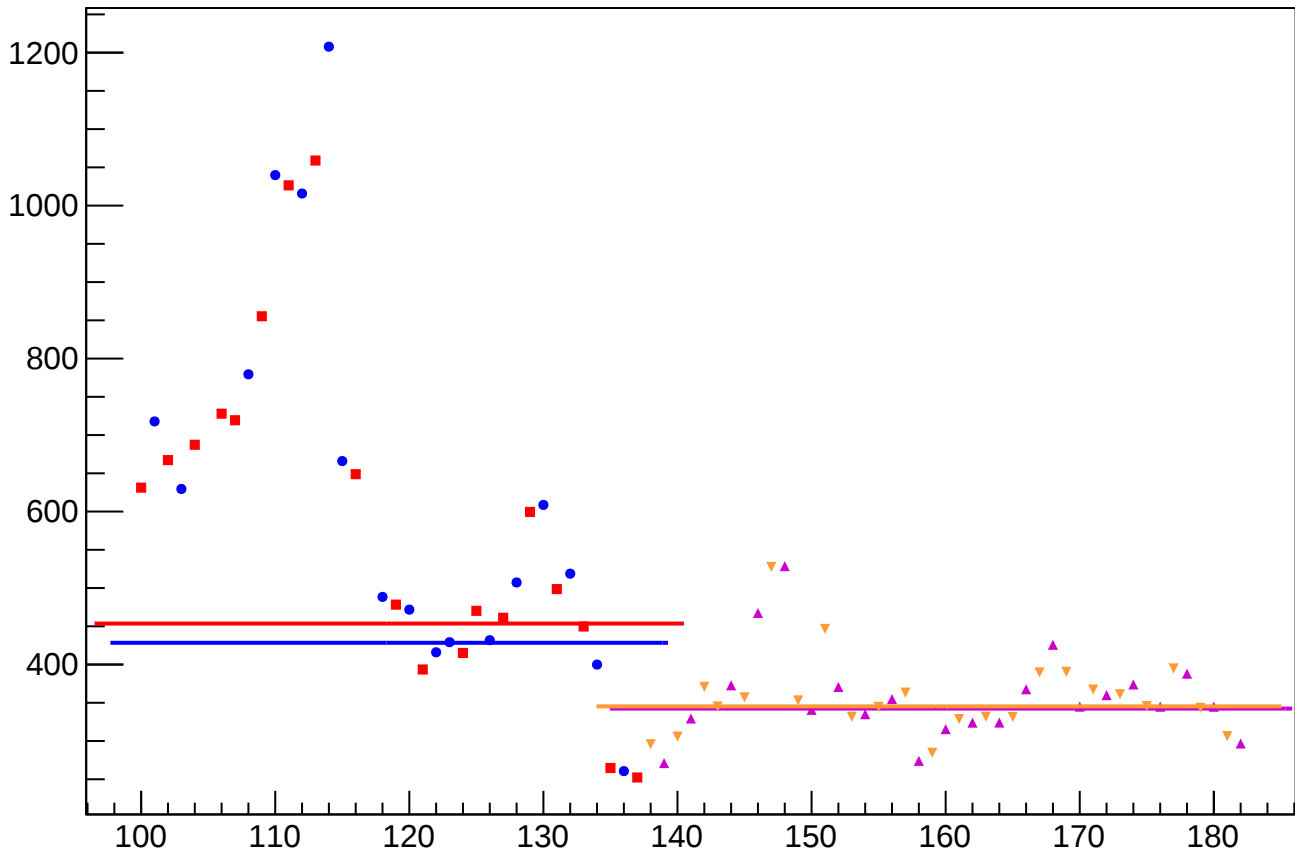
Left In: 64.356 ± 83.626 χ^2/NDF : 38.4/21

+ sign -121.625 ± 75.789 χ^2/NDF : 35.1/39

All: -51.528 ± 53.731 χ^2/NDF : 98.6/80

- sign 19.310 ± 76.188 χ^2/NDF : 61.7/40

asym_sam1_rms vs Slug



Right In: 428.425 ± 0.128 χ^2/NDF : 2006981.5/16

Left Out: 345.325 ± 0.059 χ^2/NDF : 526682.1/22

Right Out: 453.578 ± 0.131 χ^2/NDF : 2032377.4/18

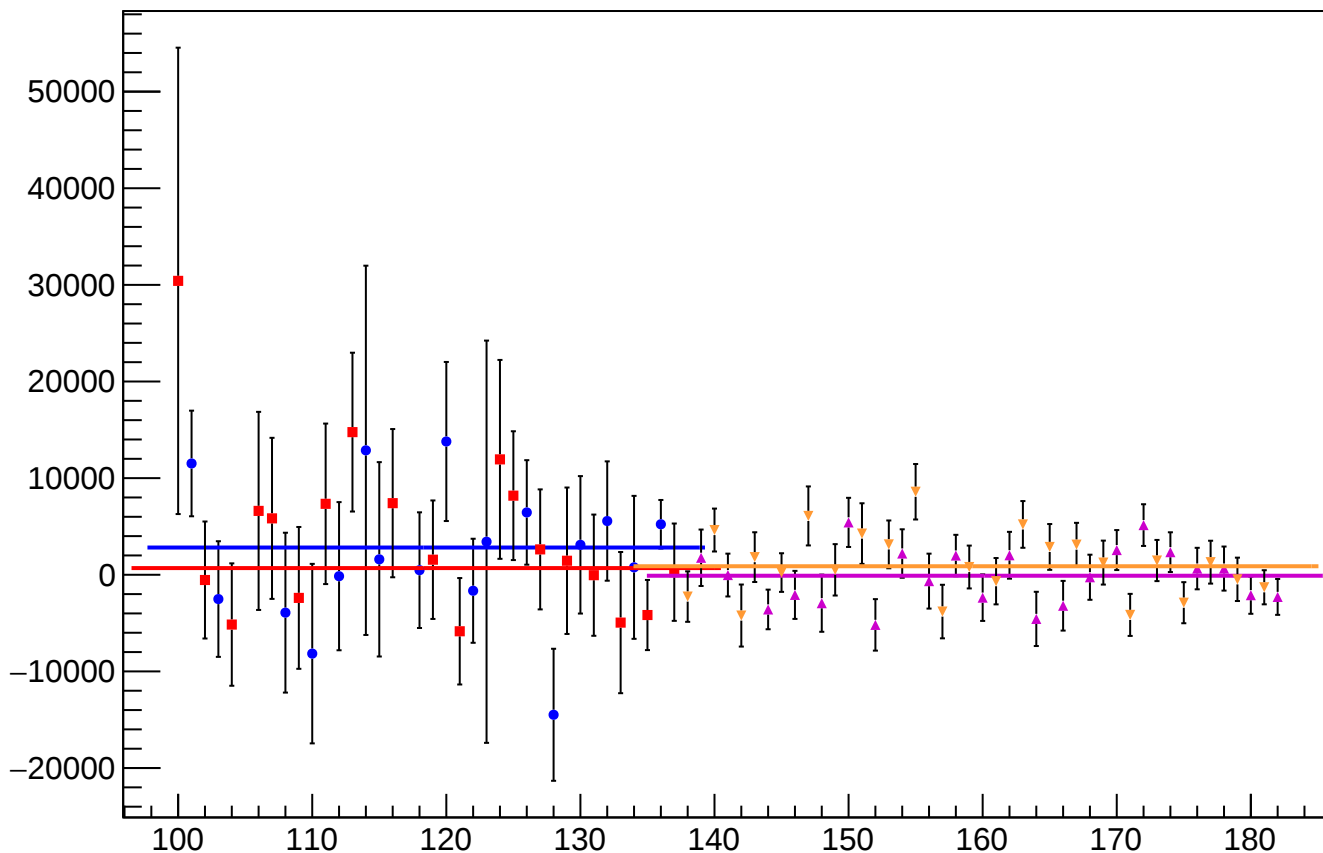
Left In: 342.410 ± 0.059 χ^2/NDF : 697504.4/21

+ sign 359.959 ± 0.054 χ^2/NDF : 2882534.6/39

All: 360.629 ± 0.038 χ^2/NDF : 6213524.6/80

- sign 361.307 ± 0.054 χ^2/NDF : 3330675.3/40

asym_sam2_mean vs Slug



Right In: 2819.632 ± 1450.791 χ^2/NDF : 16.5/16

Left Out: 882.663 ± 493.555 χ^2/NDF : 37.9/22

Right Out: 691.793 ± 1512.621 χ^2/NDF : 14.0/18

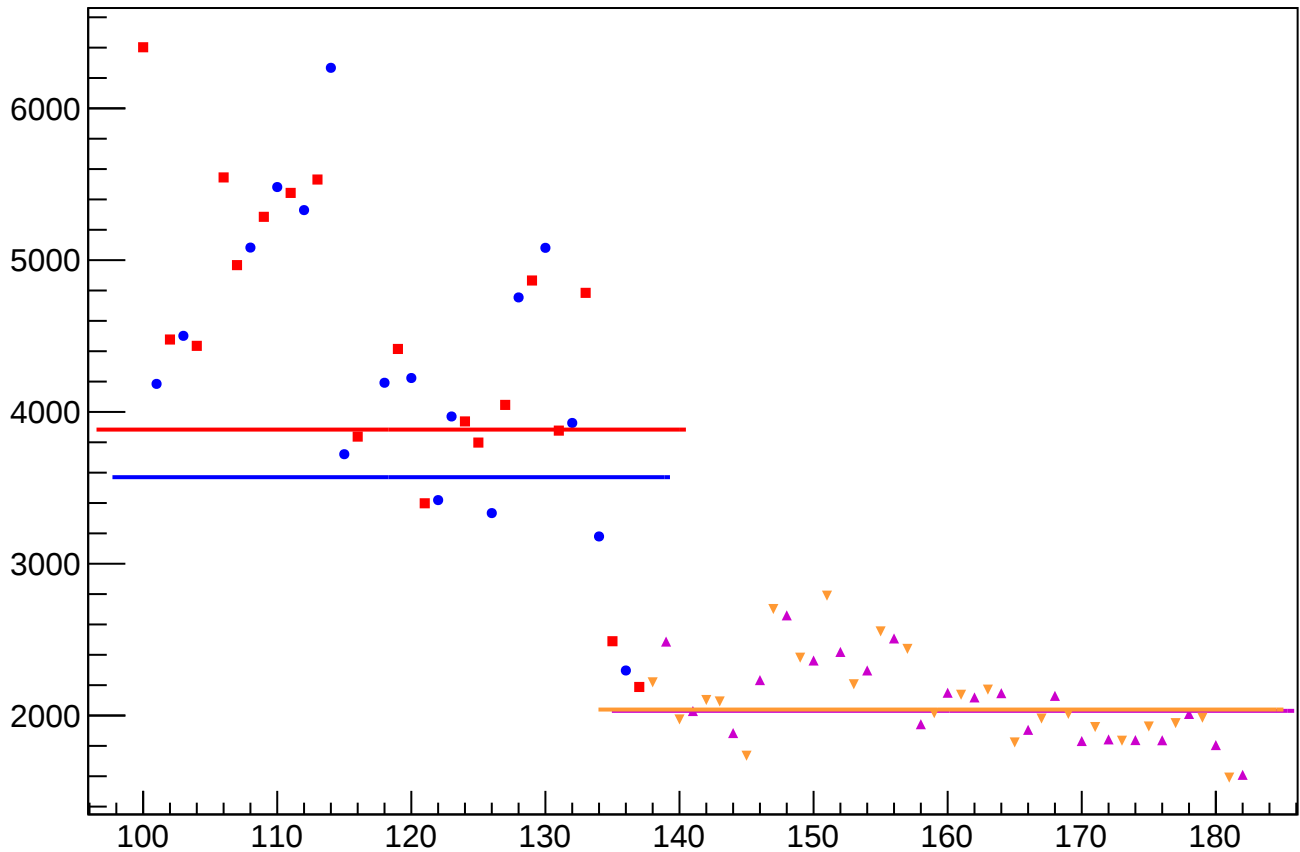
Left In: -99.895 ± 494.475 χ^2/NDF : 32.4/21

+ sign 1083.583 ± 467.256 χ^2/NDF : 56.0/39

All: 533.302 ± 331.366 χ^2/NDF : 105.5/80

- sign -23.460 ± 469.999 χ^2/NDF : 46.7/40

asym_sam2_rms vs Slug



Right In: 3570.185+/-1.026 χ^2/NDF : 1087907.4/16

Left Out: 2039.343+/-0.349 χ^2/NDF : 606757.6/22

Right Out: 3883.722+/-1.070 χ^2/NDF : 984493.3/18

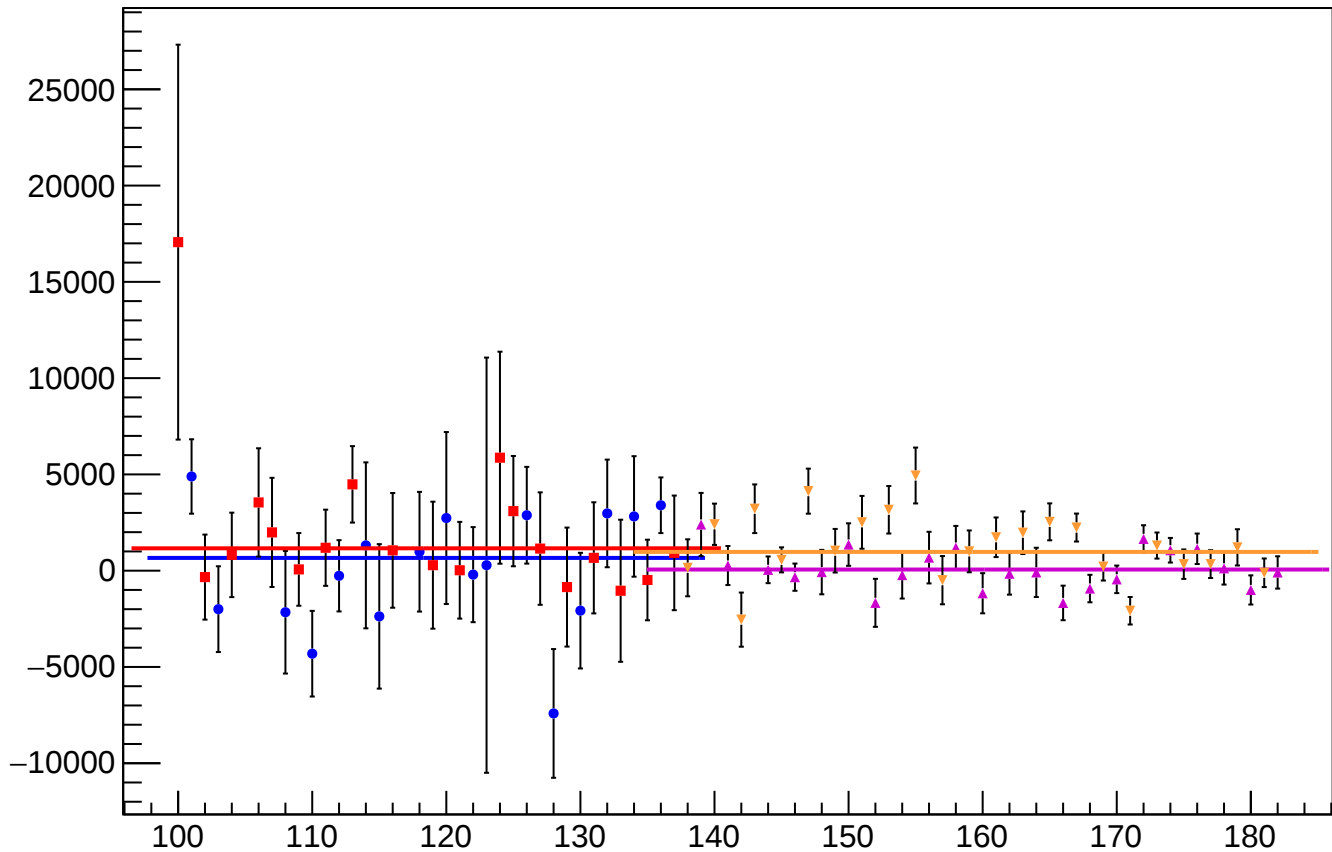
Left In: 2030.803+/-0.350 χ^2/NDF : 538875.3/21

+ sign 2198.135+/-0.330 χ^2/NDF : 3690482.0/39

All: 2203.881+/-0.234 χ^2/NDF : 7925827.7/80

- sign 2209.695+/-0.332 χ^2/NDF : 4234737.2/40

asym_sam3_mean vs Slug



Right In: 663.409 $\pm$ 622.512 χ^2 /NDF: 25.5/16

Left Out: 975.508 $\pm$ 193.042 χ^2 /NDF:62.8/22

Right Out: 1162.350 $\pm$ 604.350 χ^2 /NDF: 9.7/18

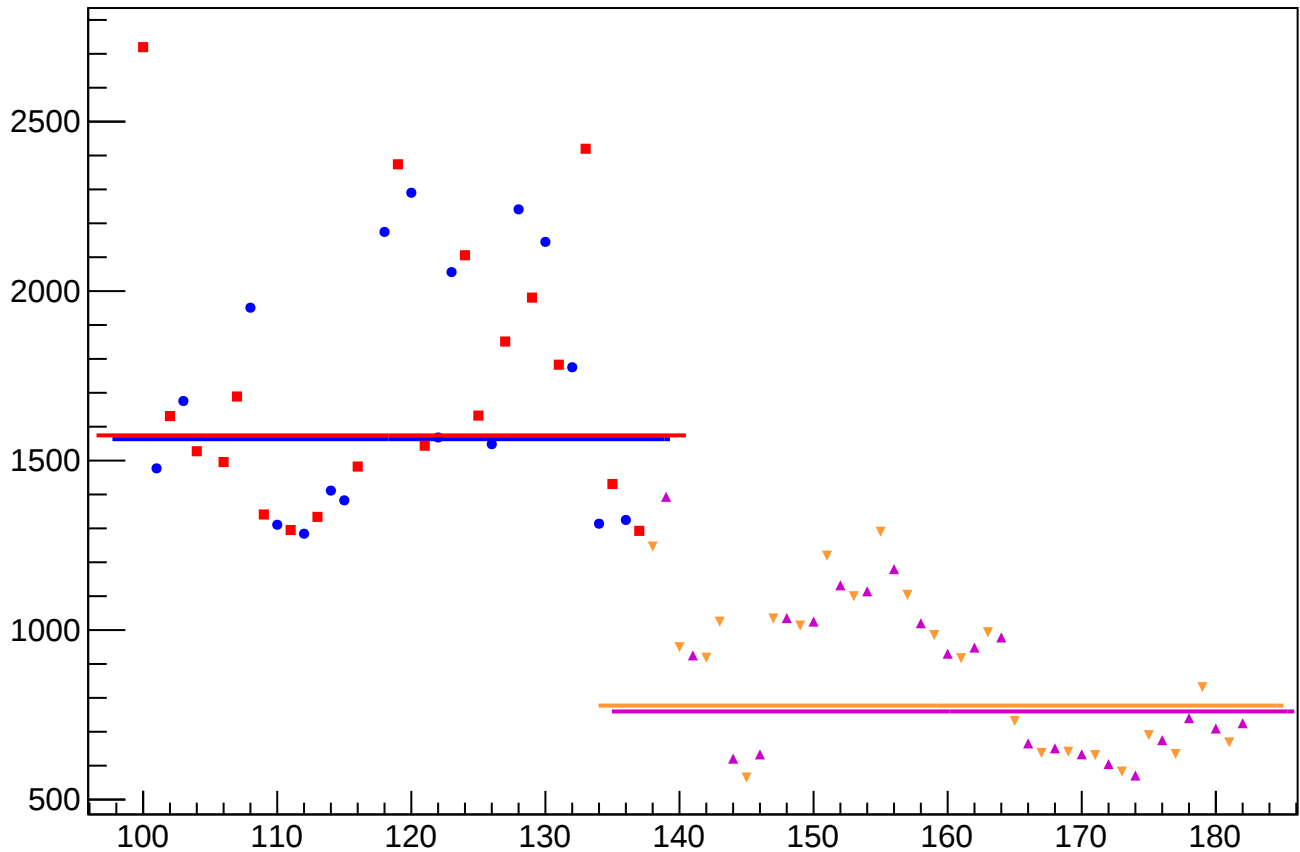
Left In: 60.129 $\pm$ 189.695 χ^2 /NDF:25.9/21

+ sign 948.128 $\pm$ 184.380 χ^2 /NDF: 88.5/39

All: 546.231 $\pm$ 129.161 χ^2 /NDF: 136.5/80

- sign 158.983 $\pm$ 180.989 χ^2 /NDF: 38.7/40

asym_sam3_rms vs Slug



Right In: 1563.098 $\pm$ 0.440 χ^2 /NDF: 487653.4/16

Left Out: 777.269 $\pm$ 0.137 χ^2 /NDF: 2215415.8/22

Right Out: 1574.361 $\pm$ 0.427 χ^2 /NDF: 466428.6/18

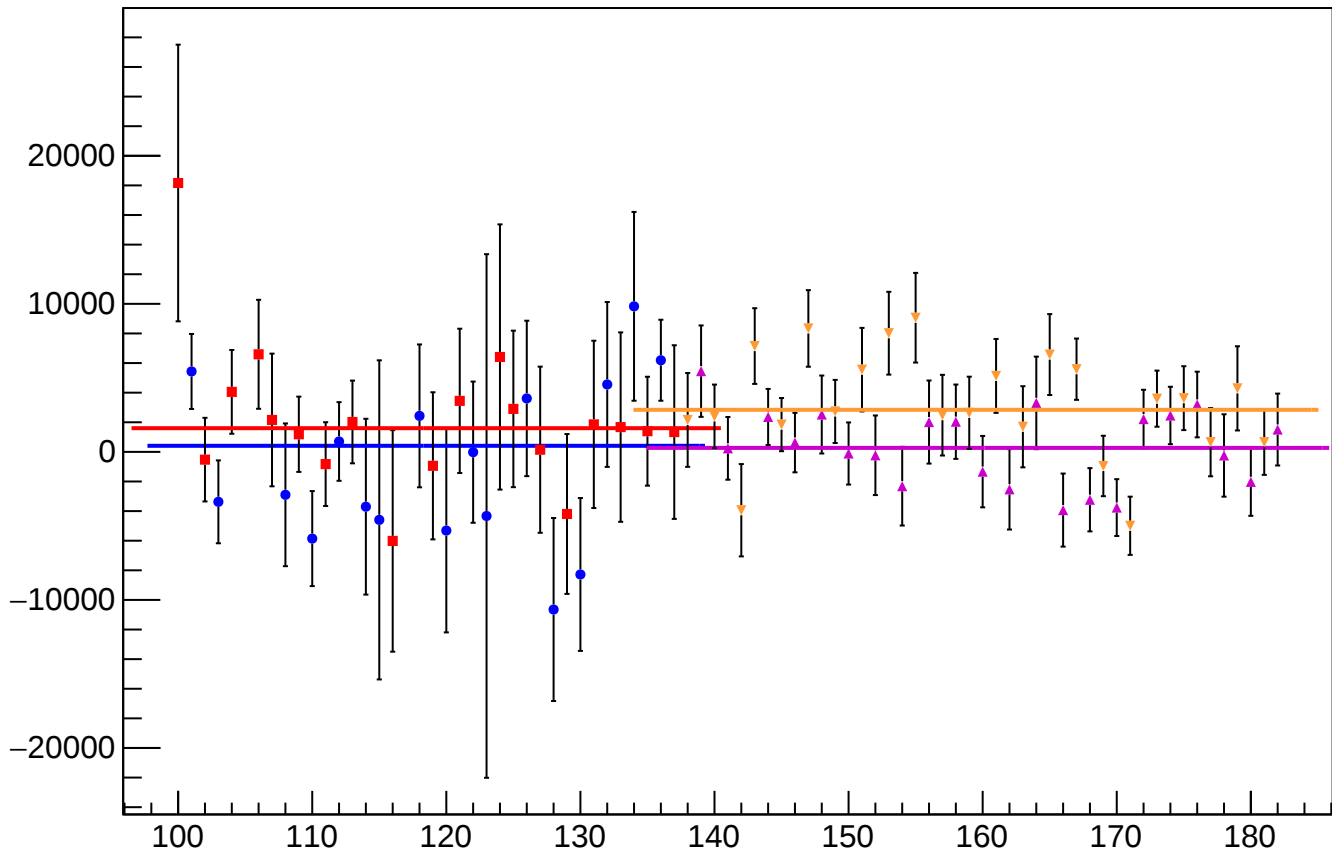
Left In: 759.940 $\pm$ 0.134 χ^2 /NDF: 1986174.6/21

+ sign 846.208 $\pm$ 0.130 χ^2 /NDF: 5610542.0/39

All: 839.472 $\pm$ 0.091 χ^2 /NDF: 11374674.1/80

- sign 832.983 $\pm$ 0.128 χ^2 /NDF: 5758892.0/40

asym_sam4_mean vs Slug



Right In: 411.092 $\pm$ 998.047 χ^2 /NDF: 25.3/16

Left Out: 2842.088 $\pm$ 494.723 χ^2 /NDF: 47.5/22

Right Out: 1601.073 $\pm$ 925.777 χ^2 /NDF: 10.1/18

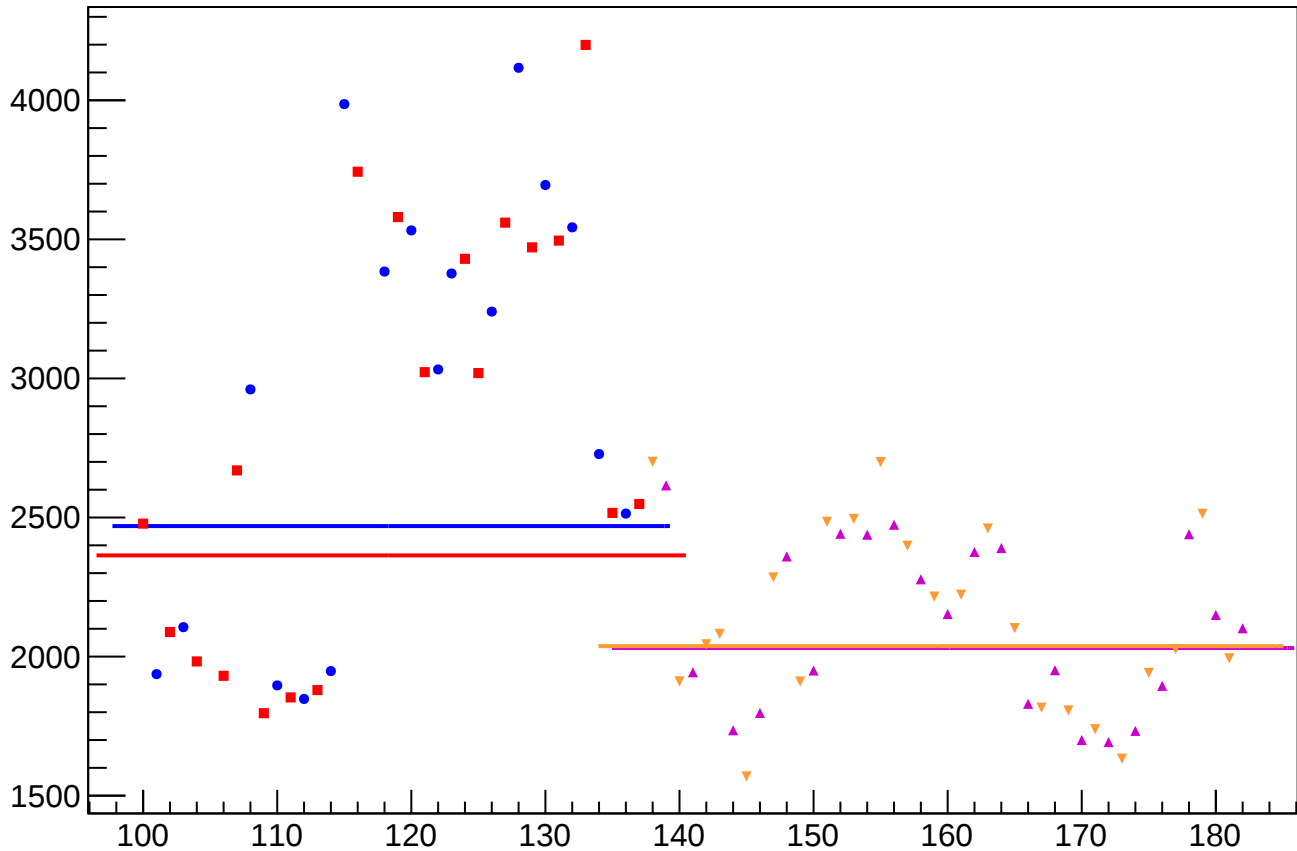
Left In: 269.515 $\pm$ 495.766 χ^2 /NDF: 24.4/21

+ sign 2362.587 $\pm$ 443.255 χ^2 /NDF: 77.5/39

All: 1451.756 $\pm$ 311.209 χ^2 /NDF: 122.0/80

- sign 566.270 $\pm$ 437.044 χ^2 /NDF: 36.1/40

asym_sam4_rms vs Slug



Right In: 2469.233+/-0.706 χ^2/NDF : 900151.2/16

Left Out: 2037.527+/-0.350 χ^2/NDF : 808068.5/22

+ sign 2122.679+/-0.313 χ^2/NDF : 2008611.0/39

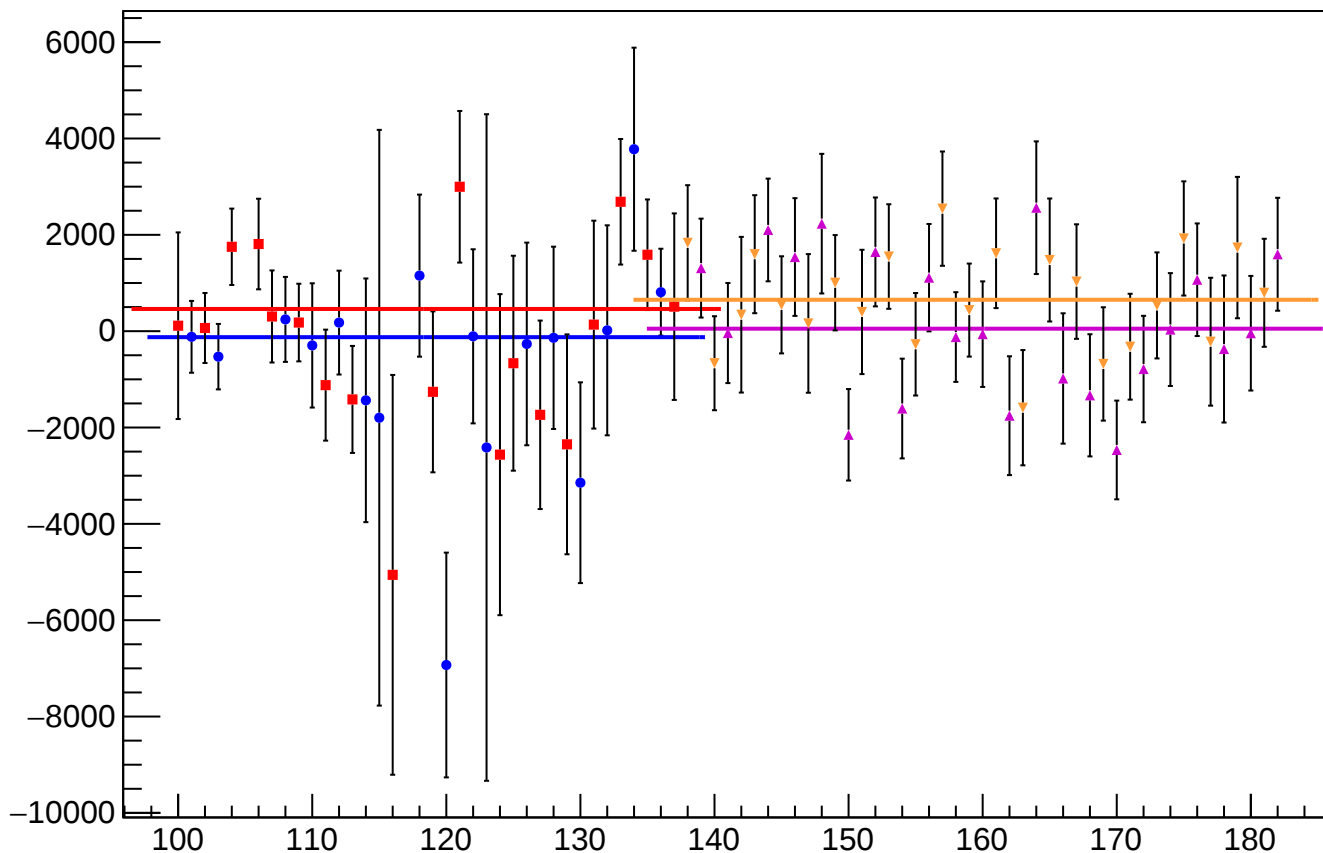
Right Out: 2363.845+/-0.655 χ^2/NDF : 1026234.8/18

All: 2113.696+/-0.220 χ^2/NDF : 3888422.0/80

- sign 2104.963+/-0.309 χ^2/NDF : 1878191.1/40

Left In: 2030.723+/-0.351 χ^2/NDF : 650712.8/21

asym_sam5_mean vs Slug



Right In: -124.338+/-313.734 χ^2/NDF : 16.8/16

Left Out: 652.071+/-241.761 χ^2/NDF : 16.7/22

Right Out: 461.203+/-283.135 χ^2/NDF : 23.1/18

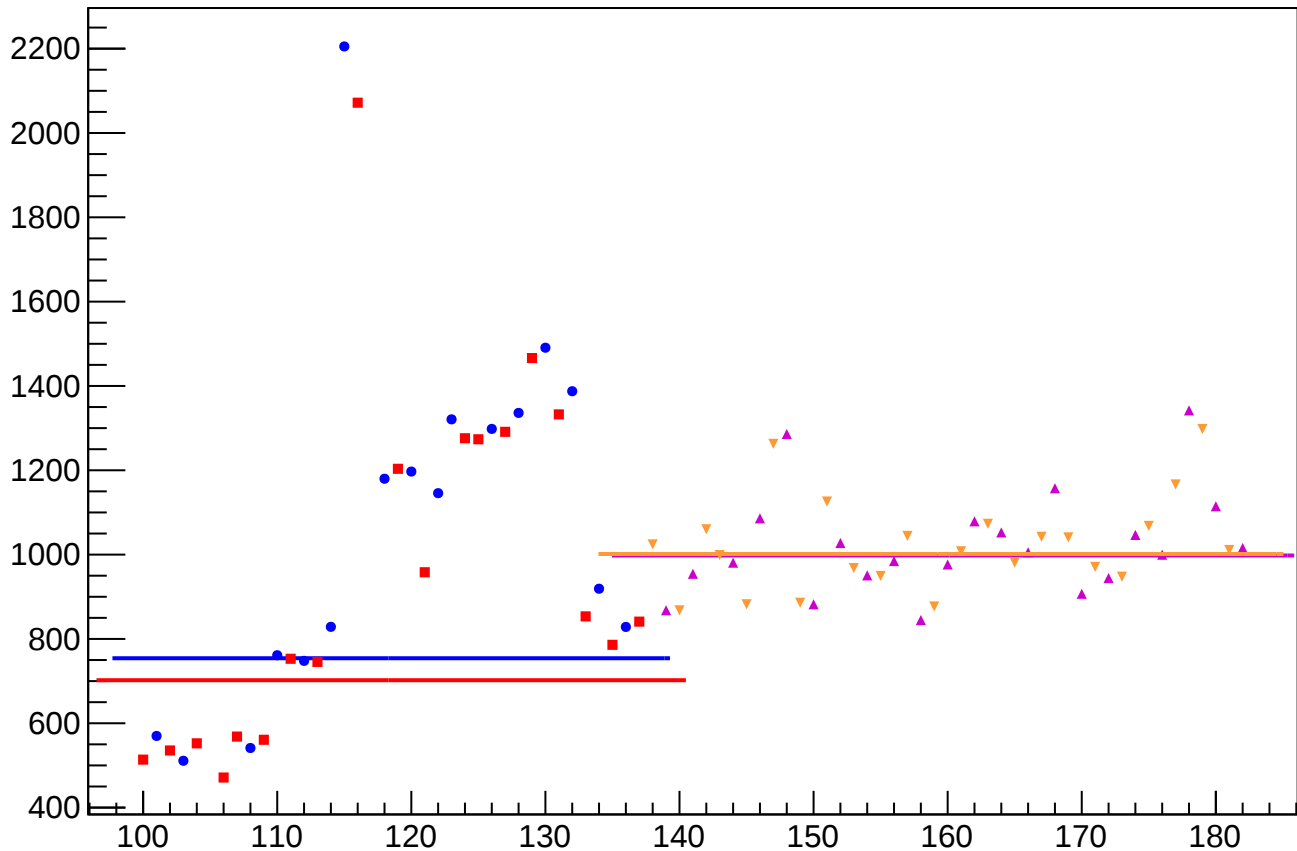
Left In: 51.497+/-242.788 χ^2/NDF : 36.3/21

+ sign 362.802+/-191.499 χ^2/NDF : 37.3/39

All: 291.318+/-132.794 χ^2/NDF : 98.2/80

- sign 225.103+/-184.306 χ^2/NDF : 60.6/40

asym_sam5_rms vs Slug



Right In: 754.219 $\pm$ 0.222 χ^2 /NDF: 1689131.5/16

Left Out: 1001.515 $\pm$ 0.171 χ^2 /NDF:360887.8/22

Right Out: 702.074 $\pm$ 0.200 χ^2 /NDF: 1689098.6/18

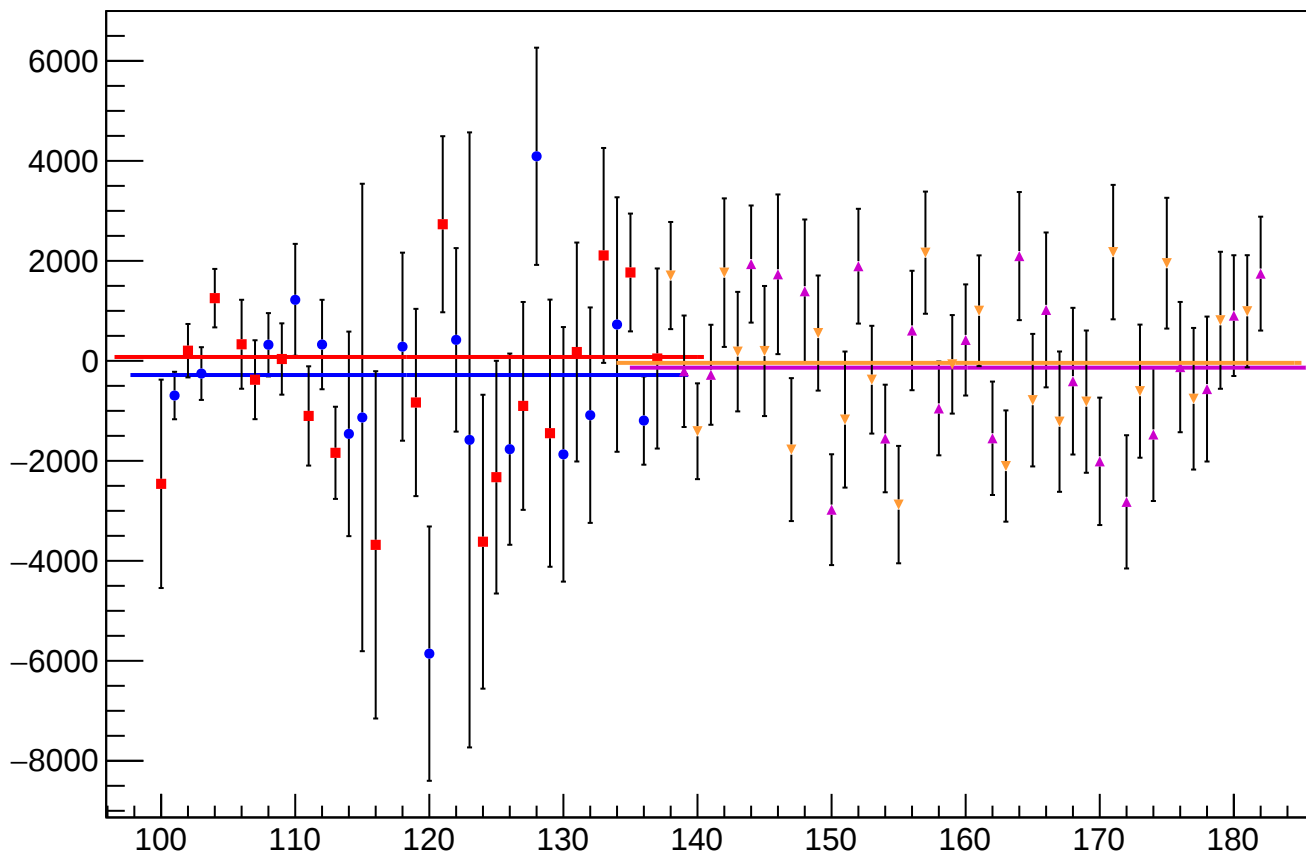
Left In: 997.864 $\pm$ 0.172 χ^2 /NDF:404583.6/21

+ sign 909.379 $\pm$ 0.135 χ^2 /NDF: 2829676.1/39

All: 890.249 $\pm$ 0.094 χ^2 /NDF: 6219663.1/80

- sign 872.528 $\pm$ 0.130 χ^2 /NDF: 3351538.9/40

asym_sam6_mean vs Slug



Right In: -283.172 ± 250.683 χ^2/NDF : 15.8/16

Left Out: -40.133 ± 254.054 χ^2/NDF : 30.2/22

Right Out: 77.591 ± 246.211 χ^2/NDF : 21.6/18

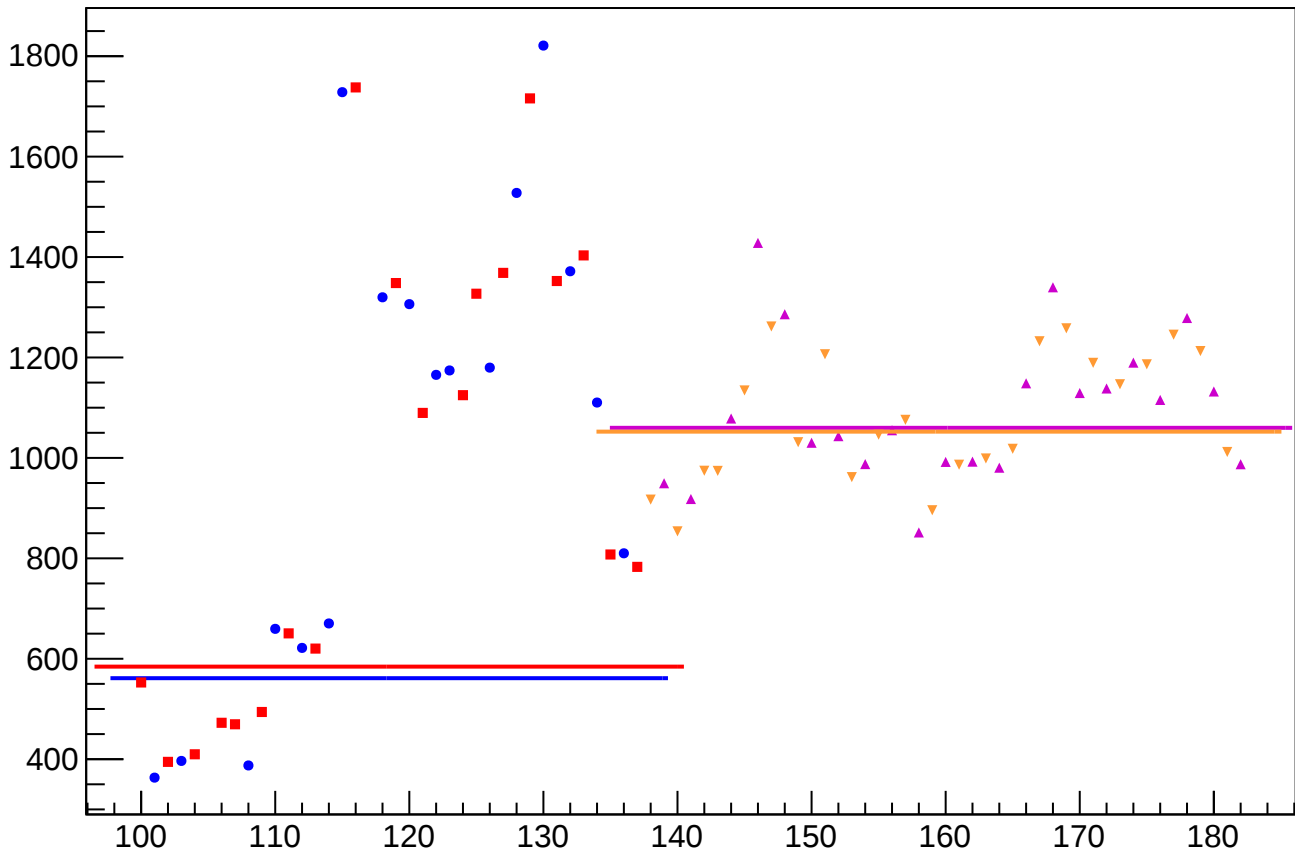
Left In: -136.185 ± 257.983 χ^2/NDF : 34.4/21

+ sign -163.276 ± 178.439 χ^2/NDF : 46.5/39

All: -93.665 ± 126.060 χ^2/NDF : 103.1/80

- sign -24.308 ± 178.114 χ^2/NDF : 56.4/40

asym_sam6_rms vs Slug



Right In: 561.319 $\pm$ 0.177 χ^2 /NDF: 3211255.9/16

Left Out: 1052.317 $\pm$ 0.180 χ^2 /NDF: 481177.0/22

+ sign 803.539 $\pm$ 0.126 χ^2 /NDF: 7477458.3/39

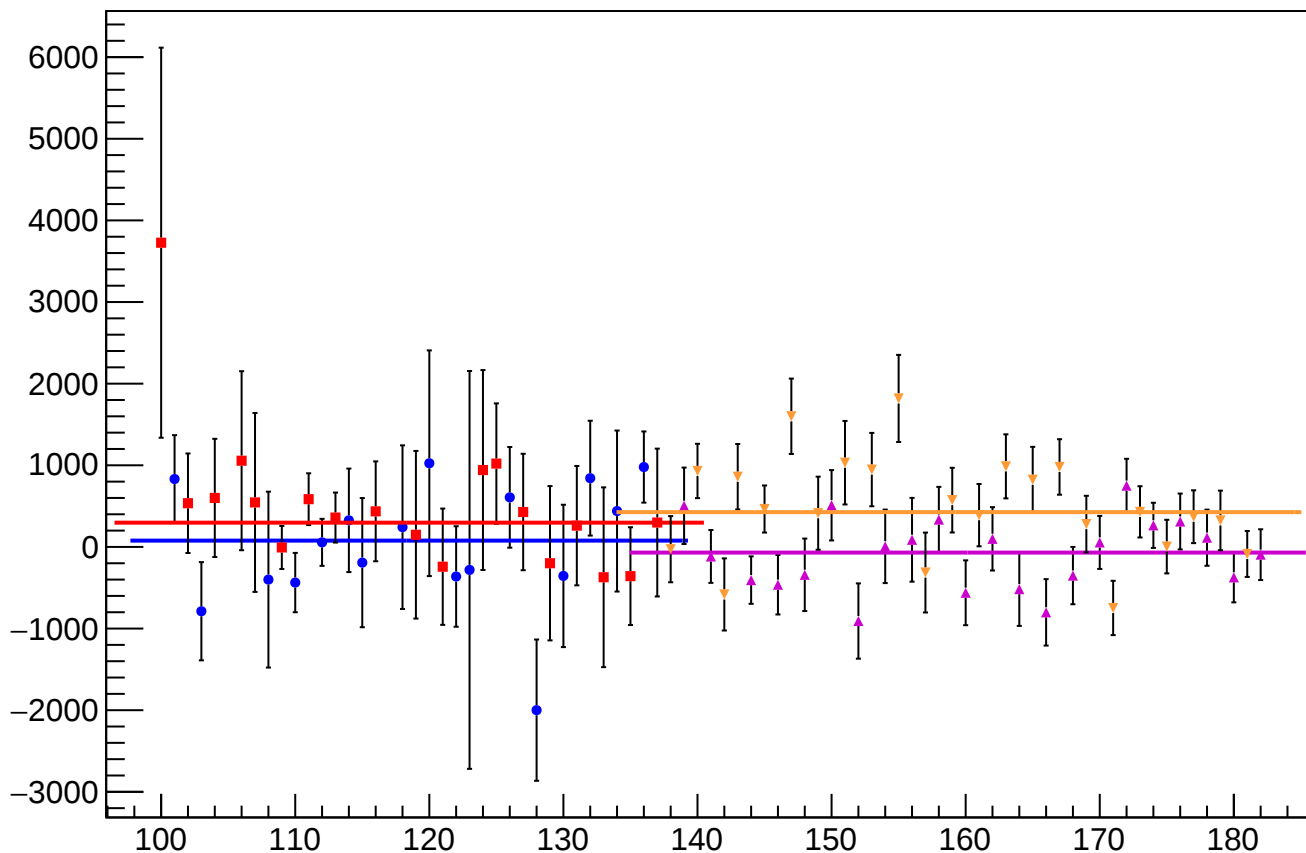
Right Out: 584.345 $\pm$ 0.174 χ^2 /NDF: 2813611.9/18

All: 807.289 $\pm$ 0.089 χ^2 /NDF: 14373075.5/80

- sign 811.027 $\pm$ 0.126 χ^2 /NDF: 6893853.1/40

Left In: 1059.903 $\pm$ 0.182 χ^2 /NDF: 523635.6/21

asym_sam7_mean vs Slug



Right In: 77.417 $\pm$ 143.270 χ^2 /NDF: 19.9/16

Left Out: 426.147 $\pm$ 77.686 χ^2 /NDF: 51.8/22

Right Out: 297.209 $\pm$ 129.814 χ^2 /NDF: 8.9/18

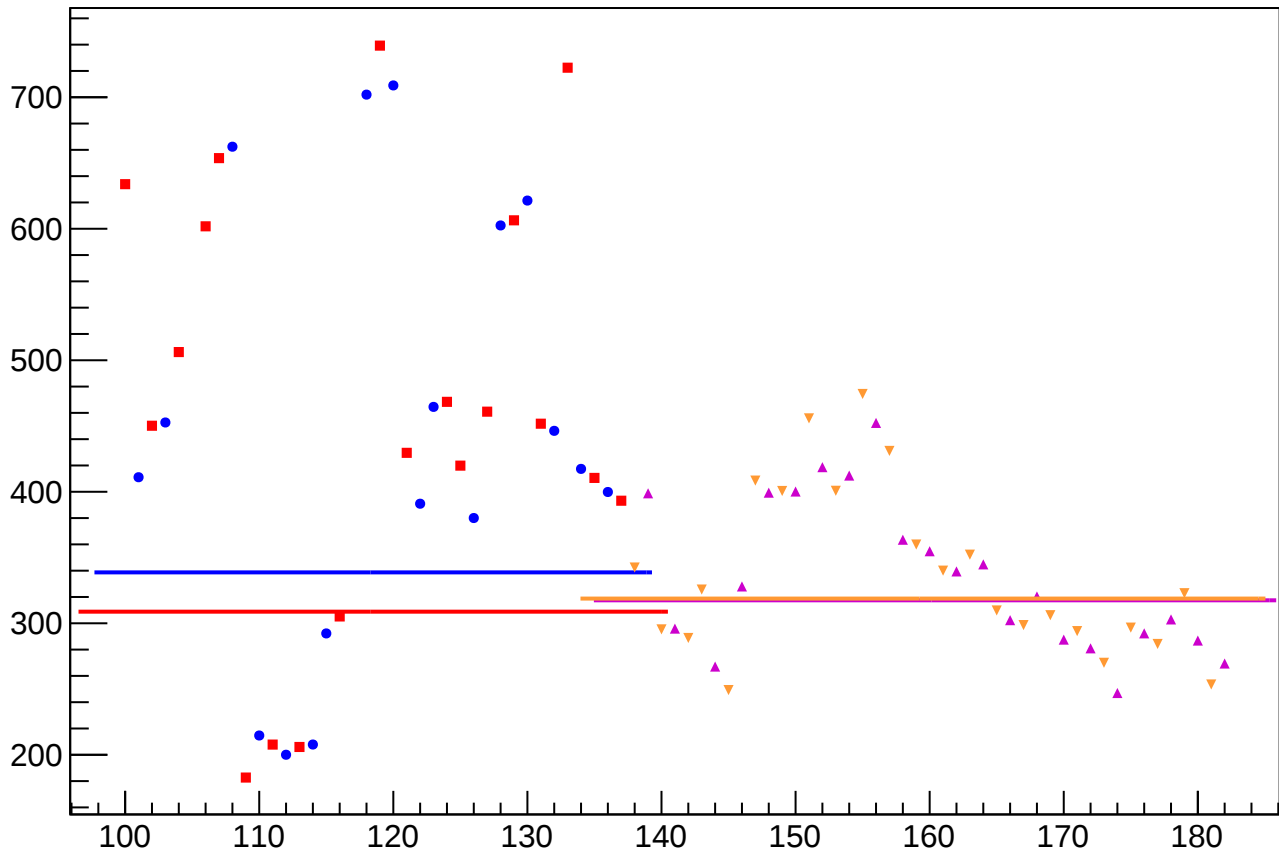
Left In: -69.301 $\pm$ 77.749 χ^2 /NDF: 27.6/21

+ sign 346.911 $\pm$ 68.292 χ^2 /NDF: 76.2/39

All: 183.419 $\pm$ 47.717 χ^2 /NDF: 129.7/80

- sign 27.461 $\pm$ 66.701 χ^2 /NDF: 42.3/40

asym_sam7_rms vs Slug



Right In: 338.706 $\pm$ 0.101 χ^2 /NDF: 2007568.0/16

Left Out: 318.791 $\pm$ 0.055 χ^2 /NDF:1022909.2/22

+ sign 323.316 $\pm$ 0.048 χ^2 /NDF: 3060340.2/39

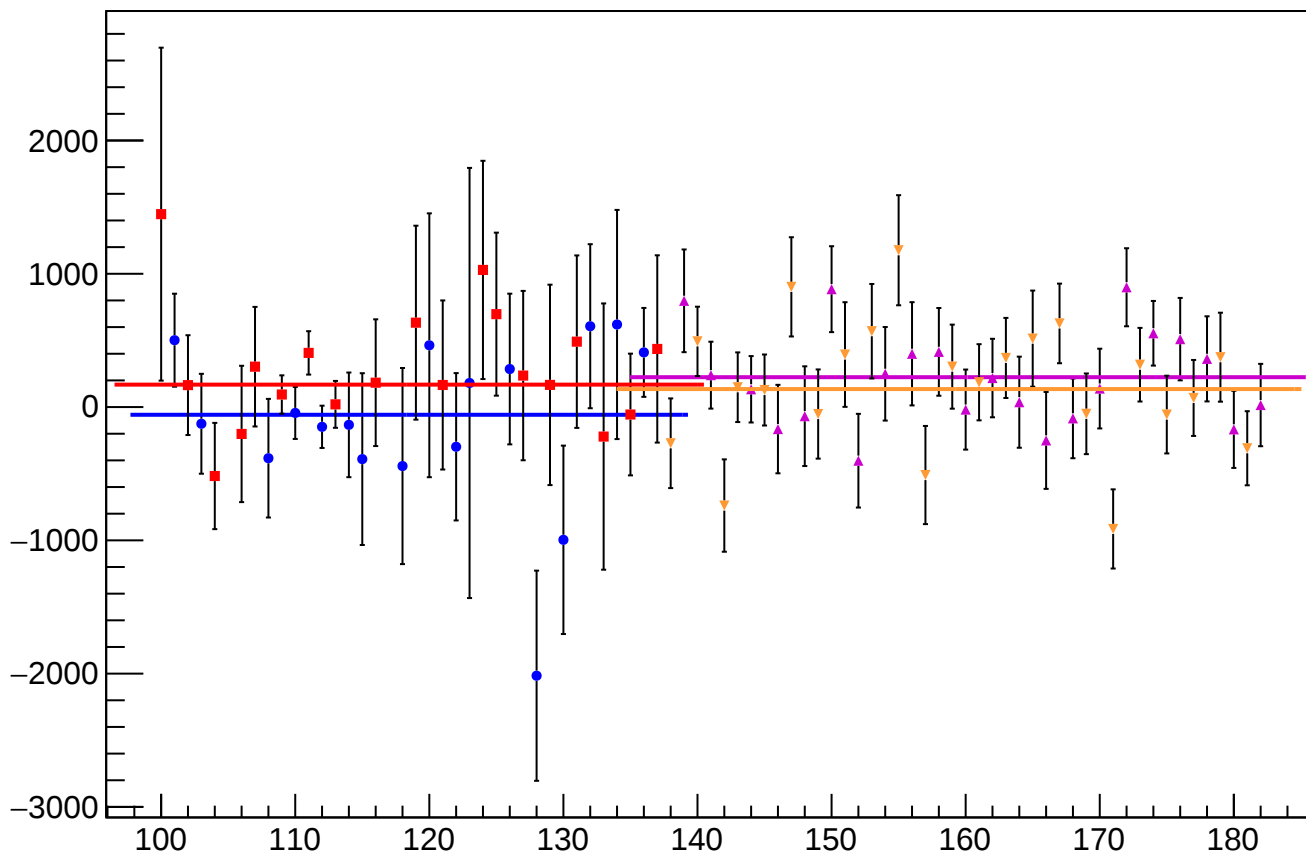
Right Out: 308.833 $\pm$ 0.092 χ^2 /NDF: 2732710.6/18

All: 319.157 $\pm$ 0.034 χ^2 /NDF: 6724567.5/80

Left In: 317.470 $\pm$ 0.055 χ^2 /NDF:910508.5/21

- sign 315.190 $\pm$ 0.047 χ^2 /NDF: 3649733.9/40

asym_sam8_mean vs Slug



Right In: -57.851 ± 90.694 χ^2/NDF : 16.6/16

Left Out: 135.051 ± 64.803 χ^2/NDF : 47.2/22

Right Out: 168.323 ± 76.968 χ^2/NDF : 10.8/18

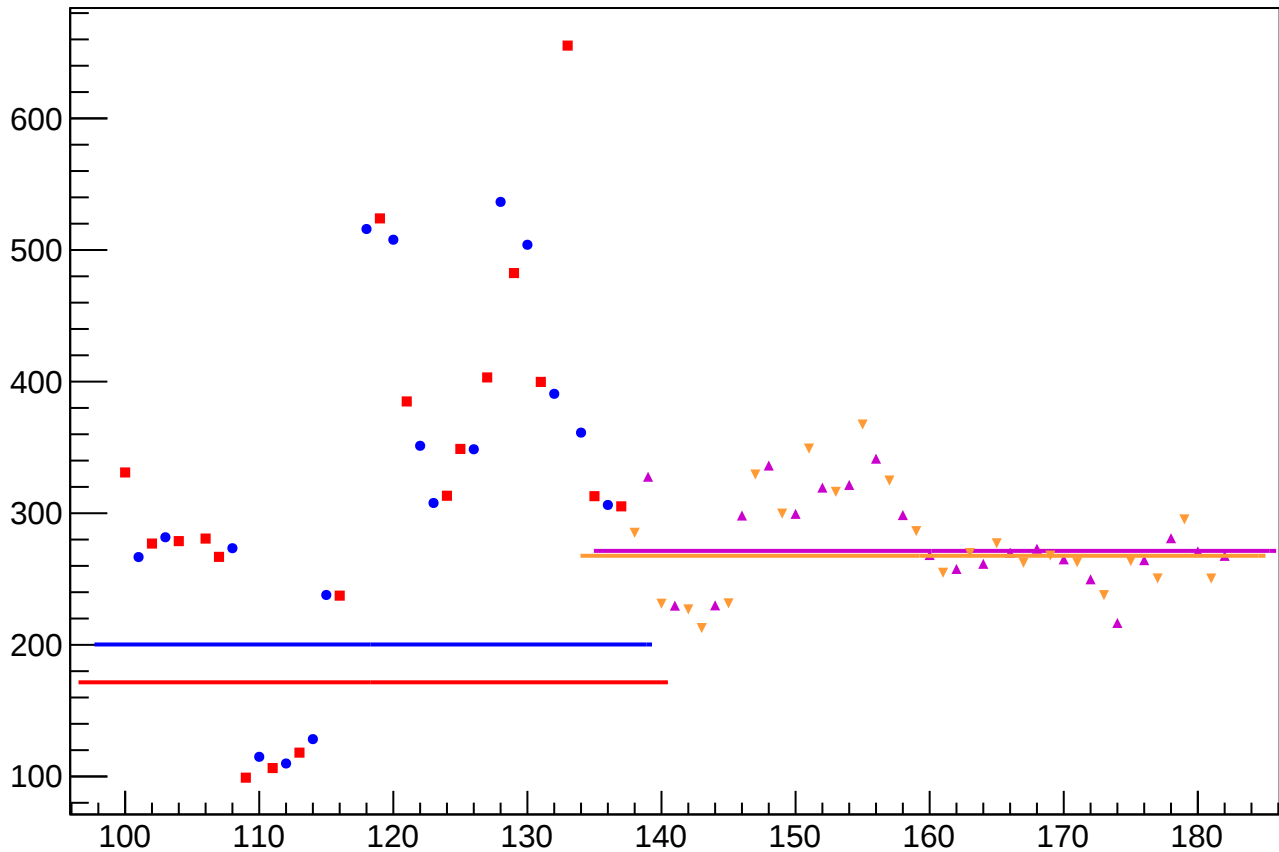
Left In: 224.159 ± 66.059 χ^2/NDF : 26.5/21

+ sign 69.853 ± 52.726 χ^2/NDF : 66.8/39

All: 138.462 ± 36.330 χ^2/NDF : 107.7/80

- sign 200.475 ± 50.128 χ^2/NDF : 37.6/40

asym_sam8_rms vs Slug



Right In: 200.283 $\pm$ 0.064 χ^2 /NDF: 3381863.8/16

Left Out: 267.679 $\pm$ 0.046 χ^2 /NDF: 625456.2/22

Right Out: 171.547 $\pm$ 0.054 χ^2 /NDF: 4083247.6/18

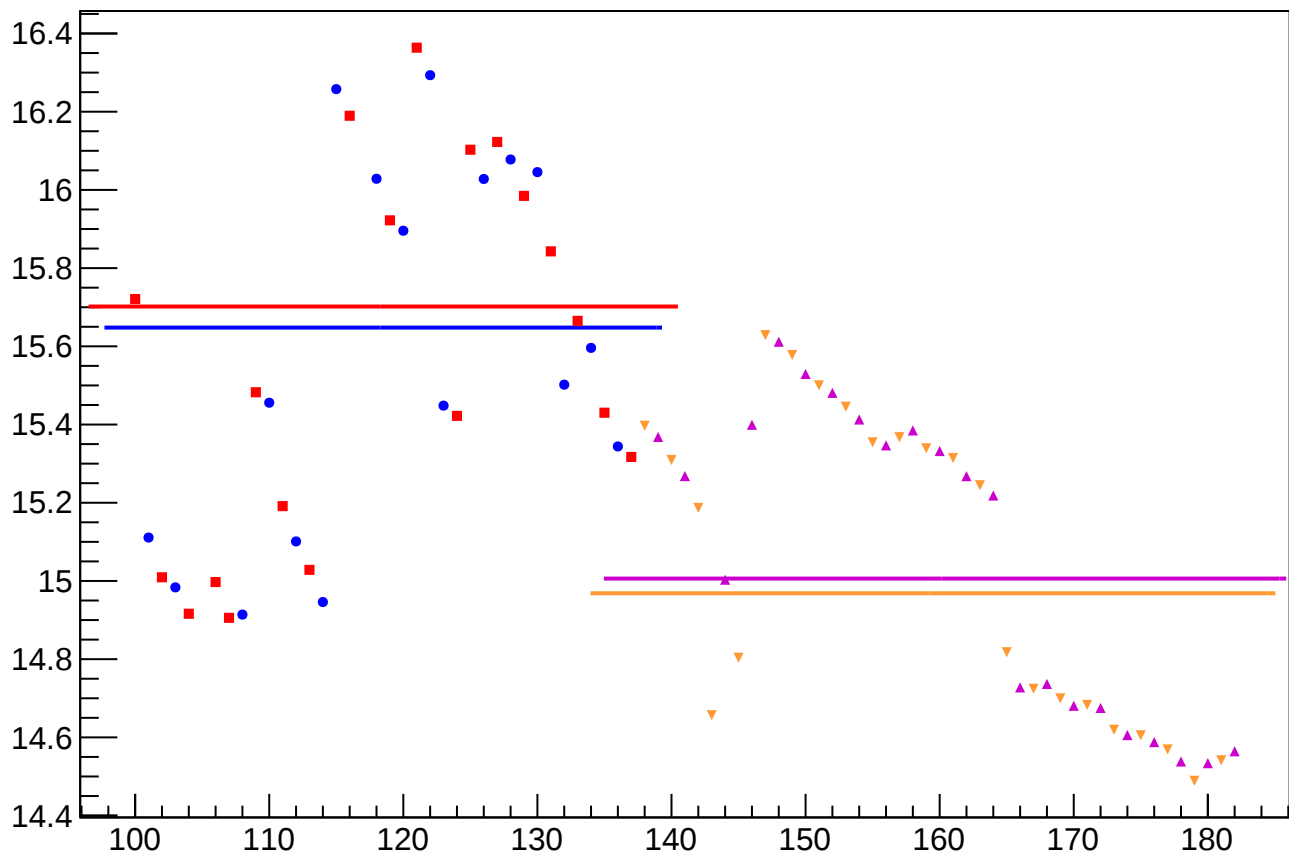
Left In: 271.403 $\pm$ 0.047 χ^2 /NDF: 521873.6/21

+ sign 244.900 $\pm$ 0.037 χ^2 /NDF: 4738456.1/39

All: 236.573 $\pm$ 0.026 χ^2 /NDF: 11376998.3/80

- sign 229.047 $\pm$ 0.035 χ^2 /NDF: 6543571.6/40

yield_sam1_mean vs Slug



Right In: 15.648 $\pm$ 0.000 χ^2 /NDF: 5445005645.2/16

Left Out: 14.969 $\pm$ 0.000 χ^2 /NDF: 22182742316.1/22

Right Out: 15.702 $\pm$ 0.000 χ^2 /NDF: 5133327033.6/18

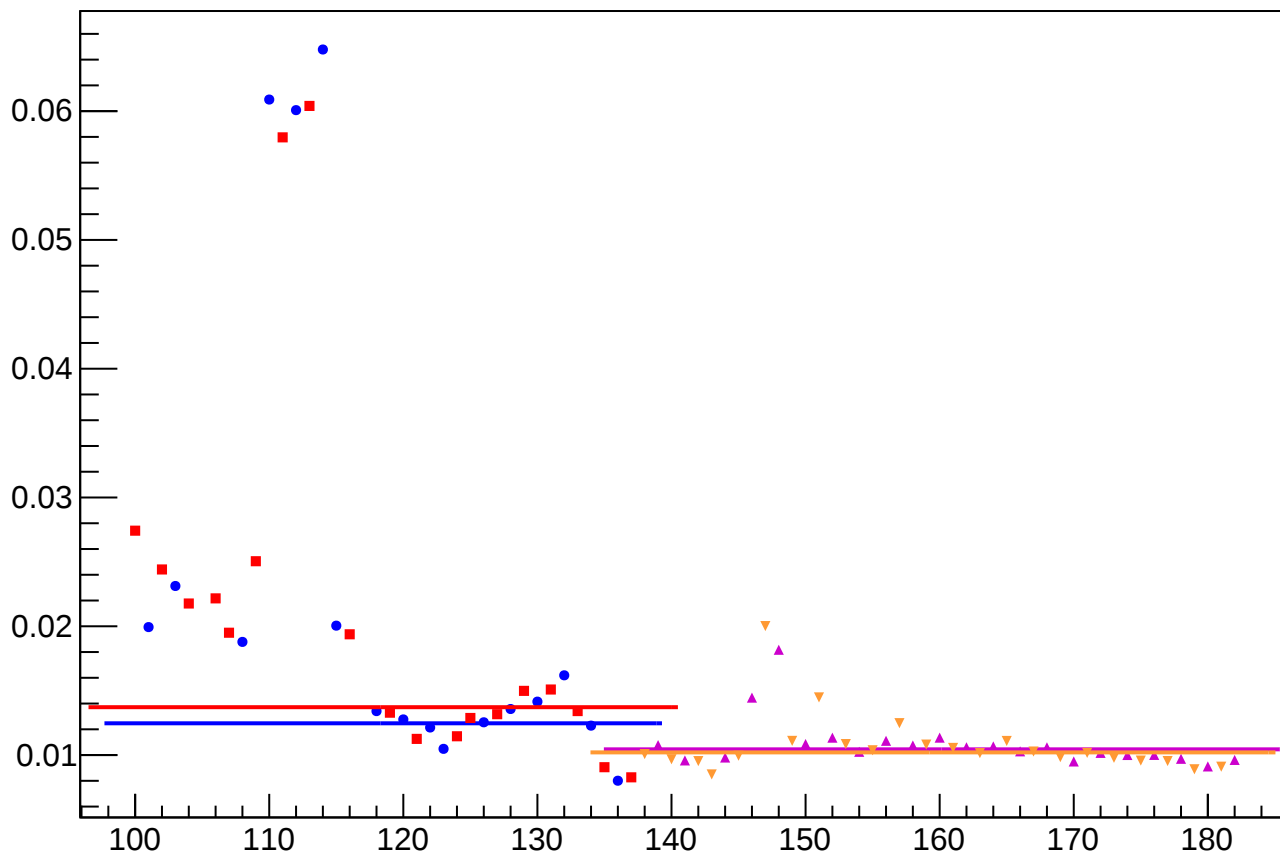
Left In: 15.006 $\pm$ 0.000 χ^2 /NDF: 20932336950.3/21

+ sign 15.087 $\pm$ 0.000 χ^2 /NDF: 40236552190.4/39

All: 15.103 $\pm$ 0.000 χ^2 /NDF: 78083416639.9

- sign 15.119 $\pm$ 0.000 χ^2 /NDF: 37751631286.4/40

yield_sam1_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2144984.5/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:699489.1/22

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2077881.6/18

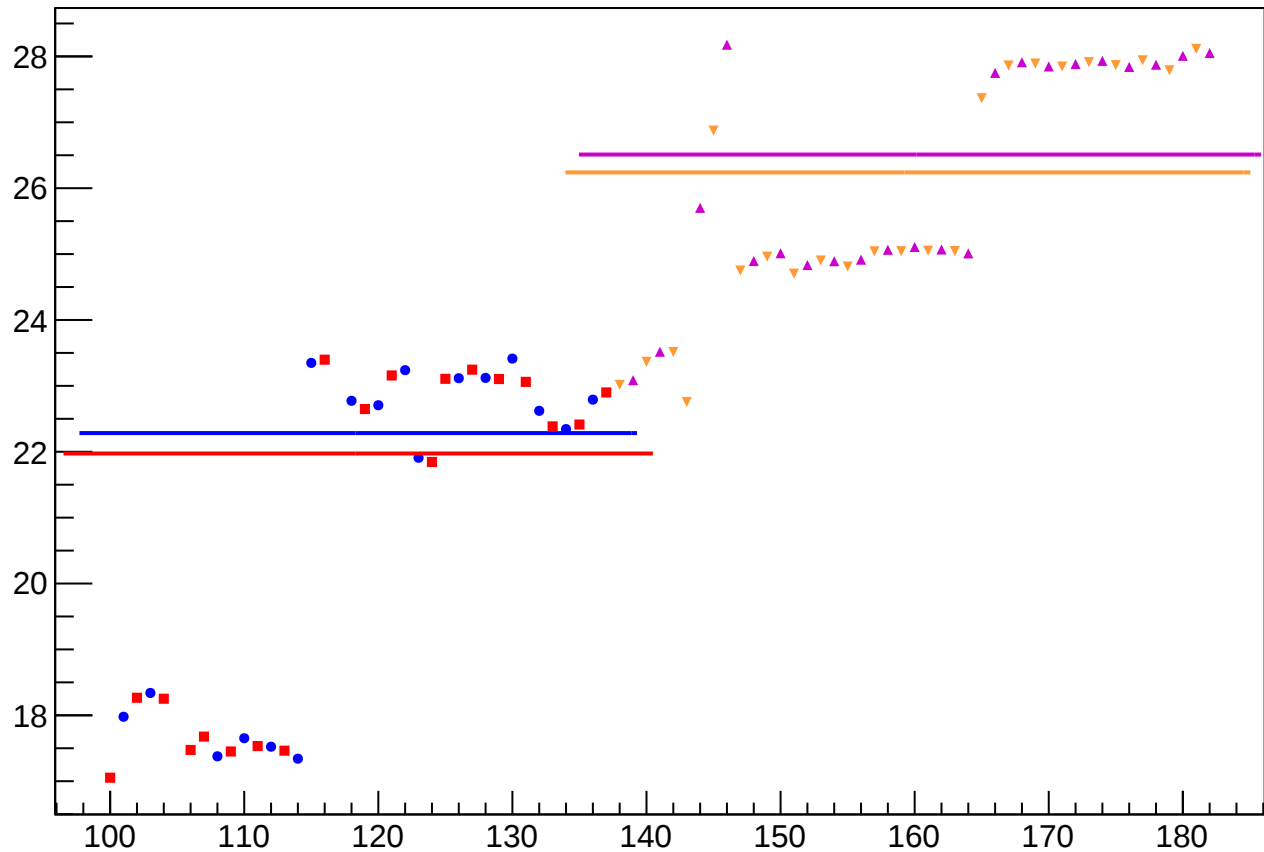
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:517459.2/21

+ sign 0.011 $\pm$ 0.000 χ^2 /NDF: 3123165.1/39

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 6261569.3/80

- sign 0.011 $\pm$ 0.000 χ^2 /NDF: 3112633.4/40

yield_sam2_mean vs Slug



Right In: 22.283+/-0.000 χ^2 /NDF: 929007366.8/16

Left Out: 26.240+/-0.000 χ^2 /NDF: 4266671647.1/22

Right Out: 21.974+/-0.000 χ^2 /NDF: 1049661295.2/18

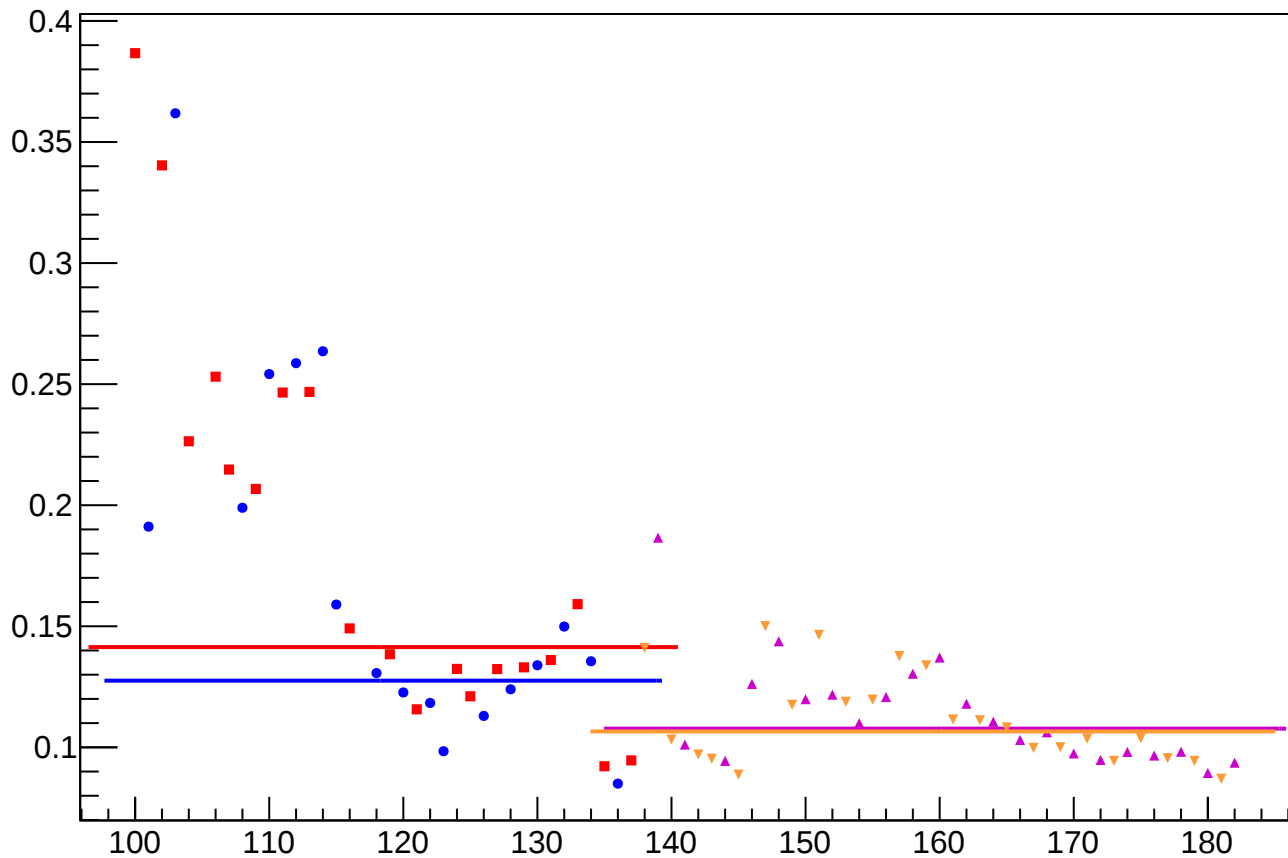
Left In: 26.511+/-0.000 χ^2 /NDF: 3256448826.3/21

+ sign 25.484+/-0.000 χ^2 /NDF: 9125944940.4/39

All: 25.591+/-0.000 χ^2 /NDF: 18115510435.4

- sign 25.703+/-0.000 χ^2 /NDF: 8951444870.6/40

yield_sam2_rms vs Slug



Right In: 0.128 $\pm$ 0.000 χ^2 /NDF: 1490198.9/16

Left Out: 0.107 $\pm$ 0.000 χ^2 /NDF: 706747.5/22

Right Out: 0.141 $\pm$ 0.000 χ^2 /NDF: 1447700.3/18

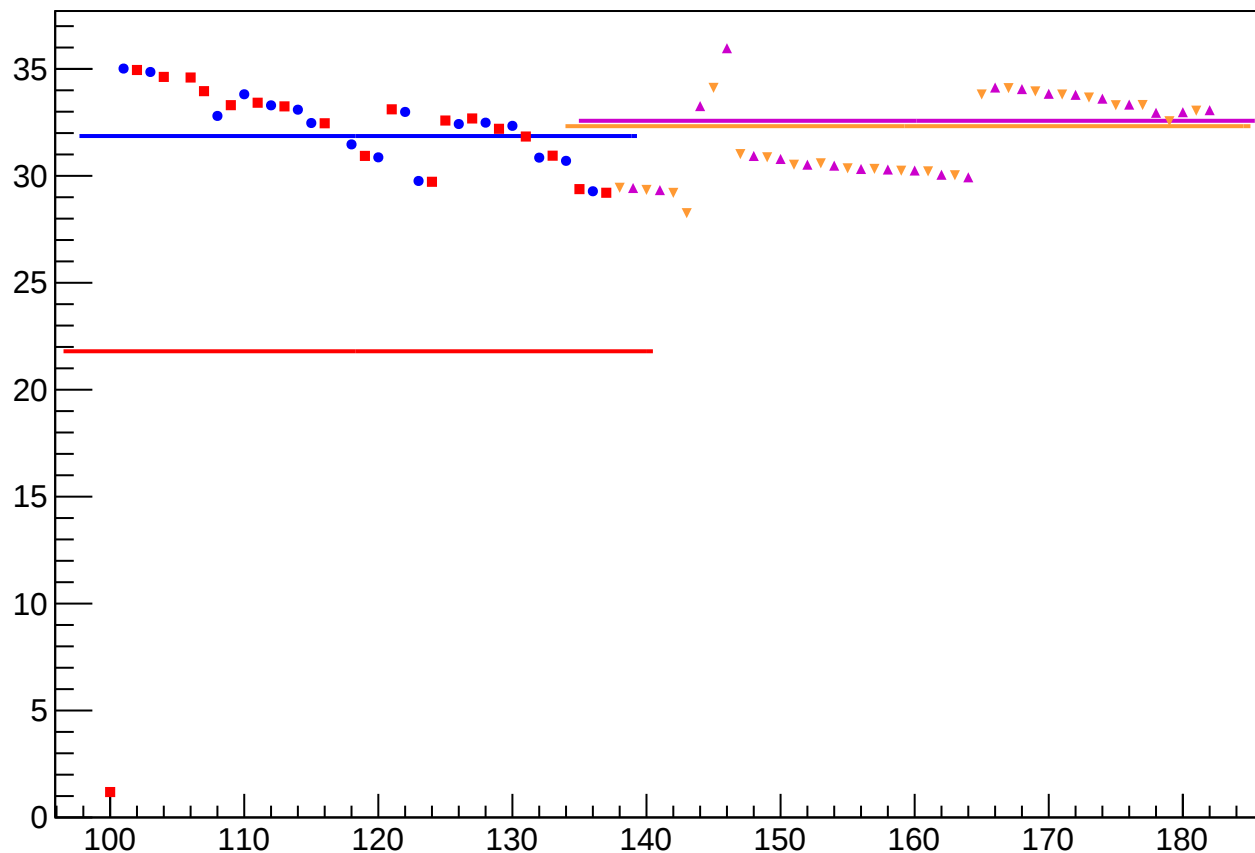
Left In: 0.108 $\pm$ 0.000 χ^2 /NDF: 762913.5/21

+ sign 0.111 $\pm$ 0.000 χ^2 /NDF: 2417776.9/39

All: 0.112 $\pm$ 0.000 χ^2 /NDF: 5155803.2/80

- sign 0.114 $\pm$ 0.000 χ^2 /NDF: 2722332.4/40

yield_sam3_mean vs Slug



Right In: 31.862 $\pm$ 0.000 χ^2 /NDF: 1902439059.8/16

Left Out: 32.323 $\pm$ 0.000 χ^2 /NDF: 12226375418.5/22

Right Out: 21.798 $\pm$ 0.000 χ^2 /NDF: 228949728350.0/18

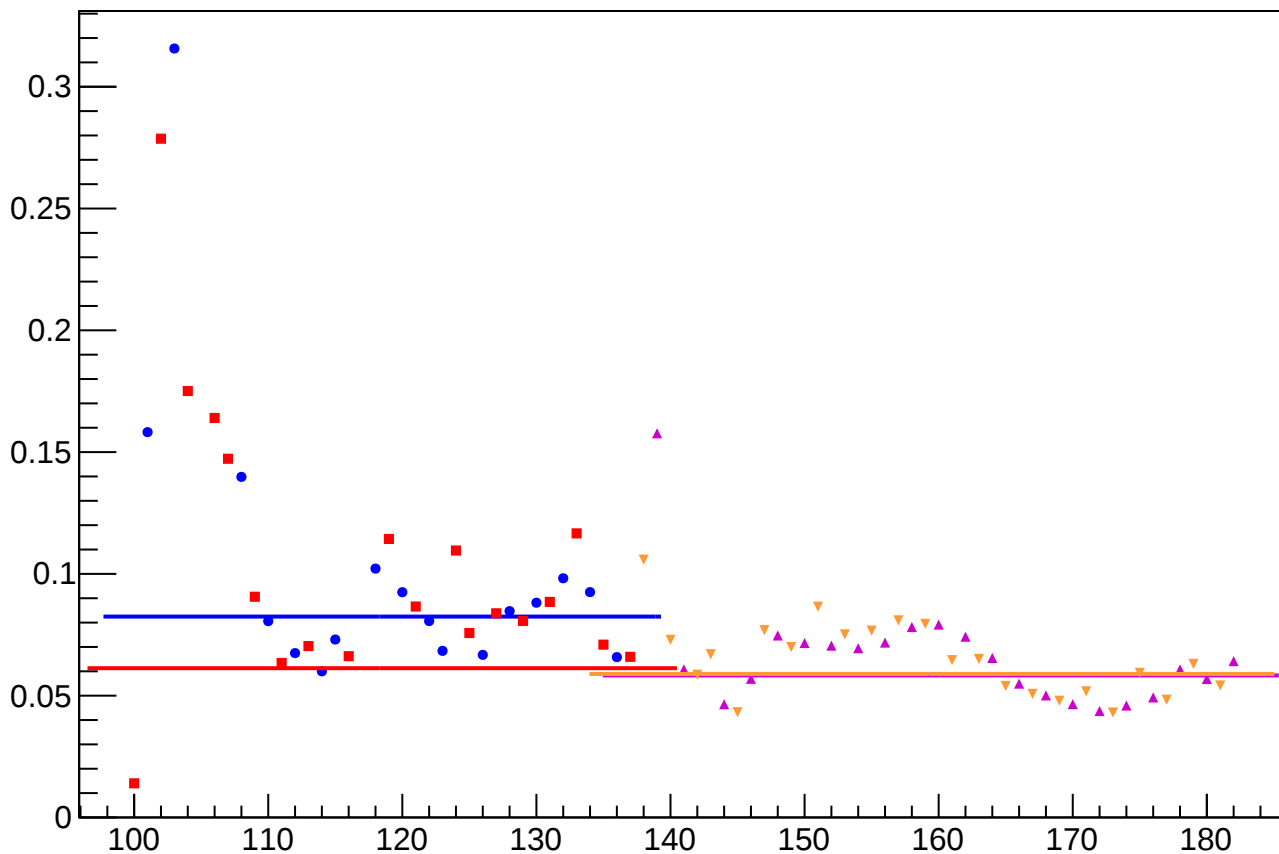
Left In: 32.575 $\pm$ 0.000 χ^2 /NDF: 11797635217.8/21

+ sign 32.250 $\pm$ 0.000 χ^2 /NDF: 14257308942.4/39

All: 31.213 $\pm$ 0.000 χ^2 /NDF: 361057269702.

- sign 30.250 $\pm$ 0.000 χ^2 /NDF: 337329669081.1/40

yield_sam3_rms vs Slug



Right In: 0.082 $\pm$ 0.000 χ^2 /NDF: 1182597.0/16

Left Out: 0.059 $\pm$ 0.000 χ^2 /NDF:1368352.7/22

Right Out: 0.061 $\pm$ 0.000 χ^2 /NDF: 3604725.9/18

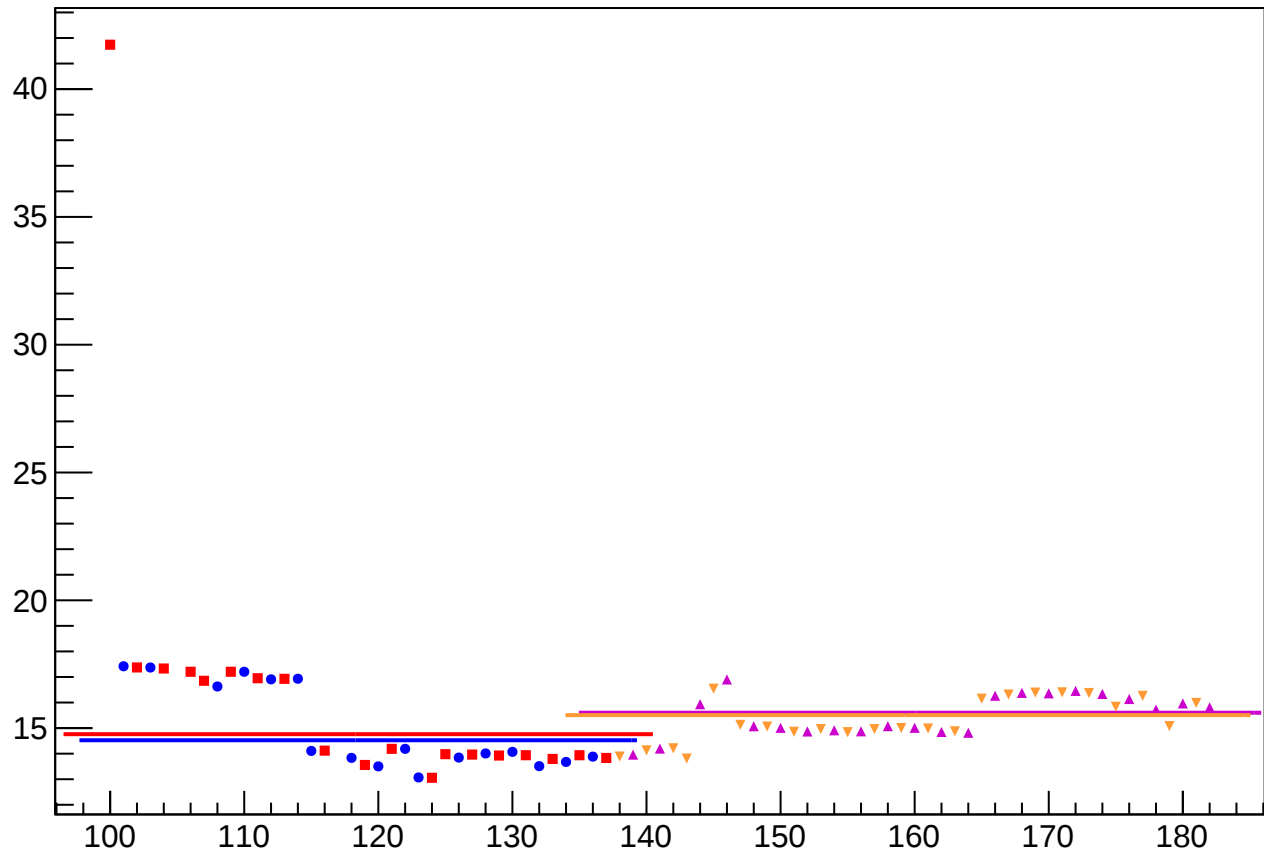
Left In: 0.058 $\pm$ 0.000 χ^2 /NDF:1525460.2/21

+ sign 0.063 $\pm$ 0.000 χ^2 /NDF: 3221907.2/39

All: 0.061 $\pm$ 0.000 χ^2 /NDF: 8430932.8/80

- sign 0.059 $\pm$ 0.000 χ^2 /NDF: 5144857.4/40

yield_sam4_mean vs Slug



Right In: 14.524+/-0.000 χ^2/NDF : 1485492036.5/16

Left Out: 15.508+/-0.000 χ^2/NDF : 2414564175.4/22

Right Out: 14.762+/-0.000 χ^2/NDF : 1903088882.9/18

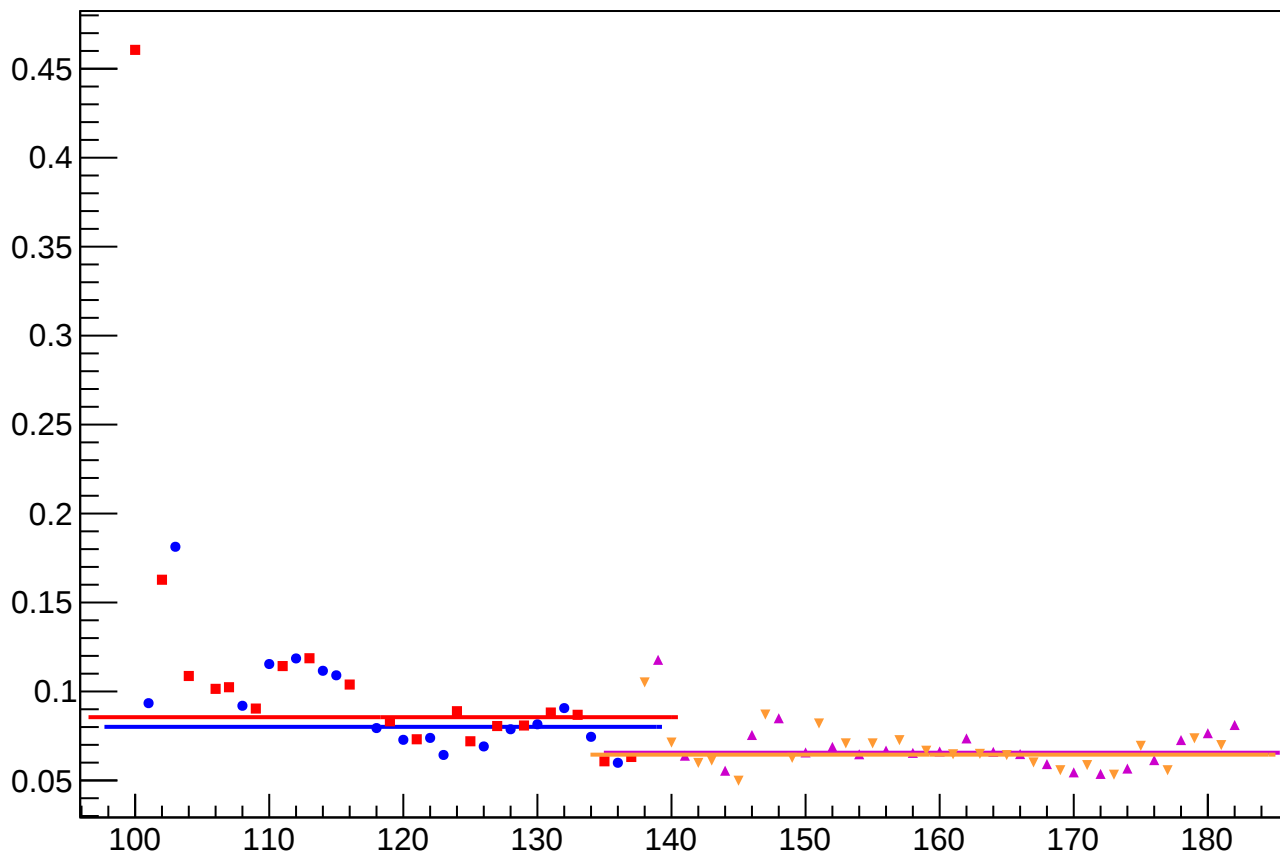
Left In: 15.602+/-0.000 χ^2/NDF : 1898876057.7/21

+ sign 15.316+/-0.000 χ^2/NDF : 4568428127.9/39

All: 15.377+/-0.000 χ^2/NDF : 8860758263.7/8

- sign 15.441+/-0.000 χ^2/NDF : 4258691004.3/40

yield_sam4_rms vs Slug



Right In: 0.080 ± 0.000 χ^2/NDF : 775791.3/16

Left Out: 0.064 ± 0.000 χ^2/NDF : 697332.0/22

Right Out: 0.086 ± 0.000 χ^2/NDF : 738760.7/18

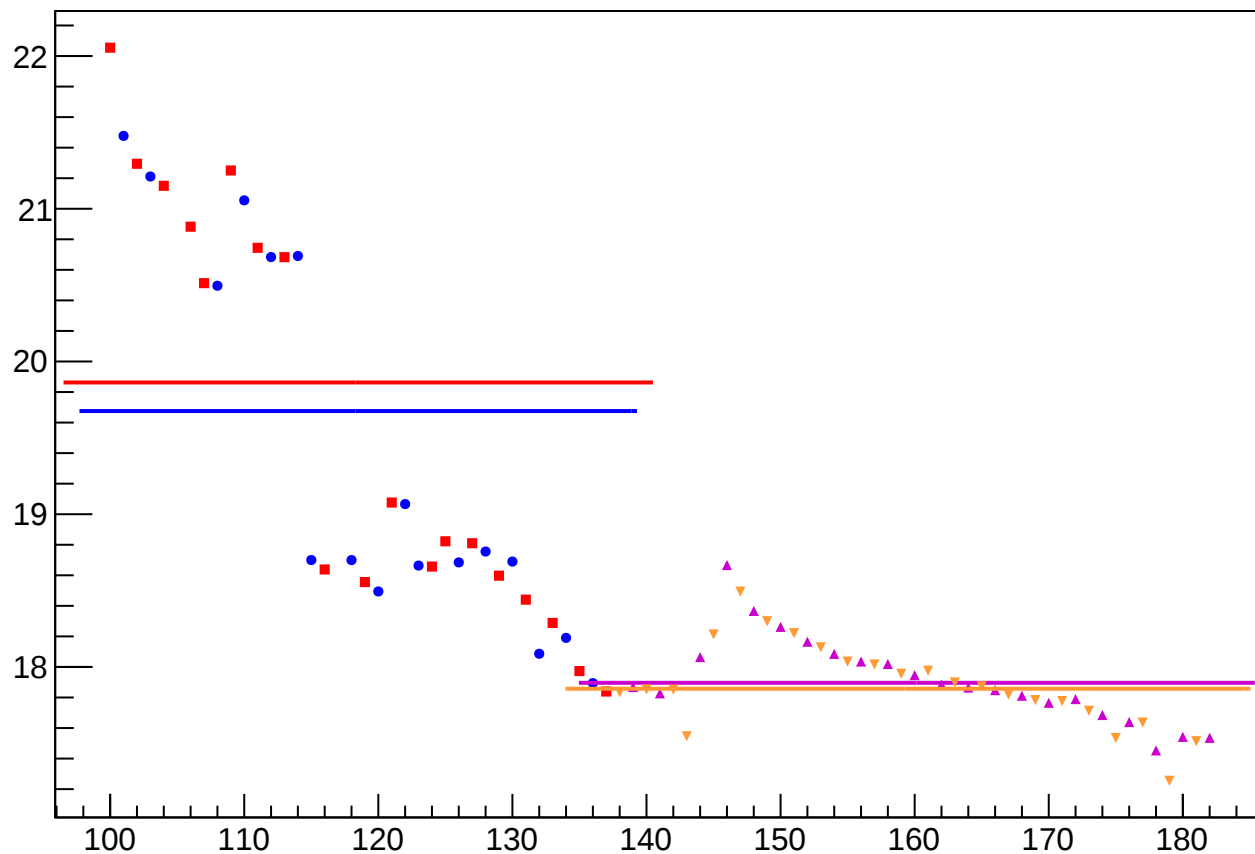
Left In: 0.066 ± 0.000 χ^2/NDF : 712012.1/21

+ sign 0.068 ± 0.000 χ^2/NDF : 1810561.6/39

All: 0.068 ± 0.000 χ^2/NDF : 3792772.0/80

- sign 0.069 ± 0.000 χ^2/NDF : 1967436.4/40

yield_sam5_mean vs Slug



Right In: 19.676+/-0.000 χ^2/NDF : 12360927493.1/16

Left Out: 17.857+/-0.000 χ^2/NDF : 1189255530.6/22

Right Out: 19.863+/-0.000 χ^2/NDF : 11443358824.6/18

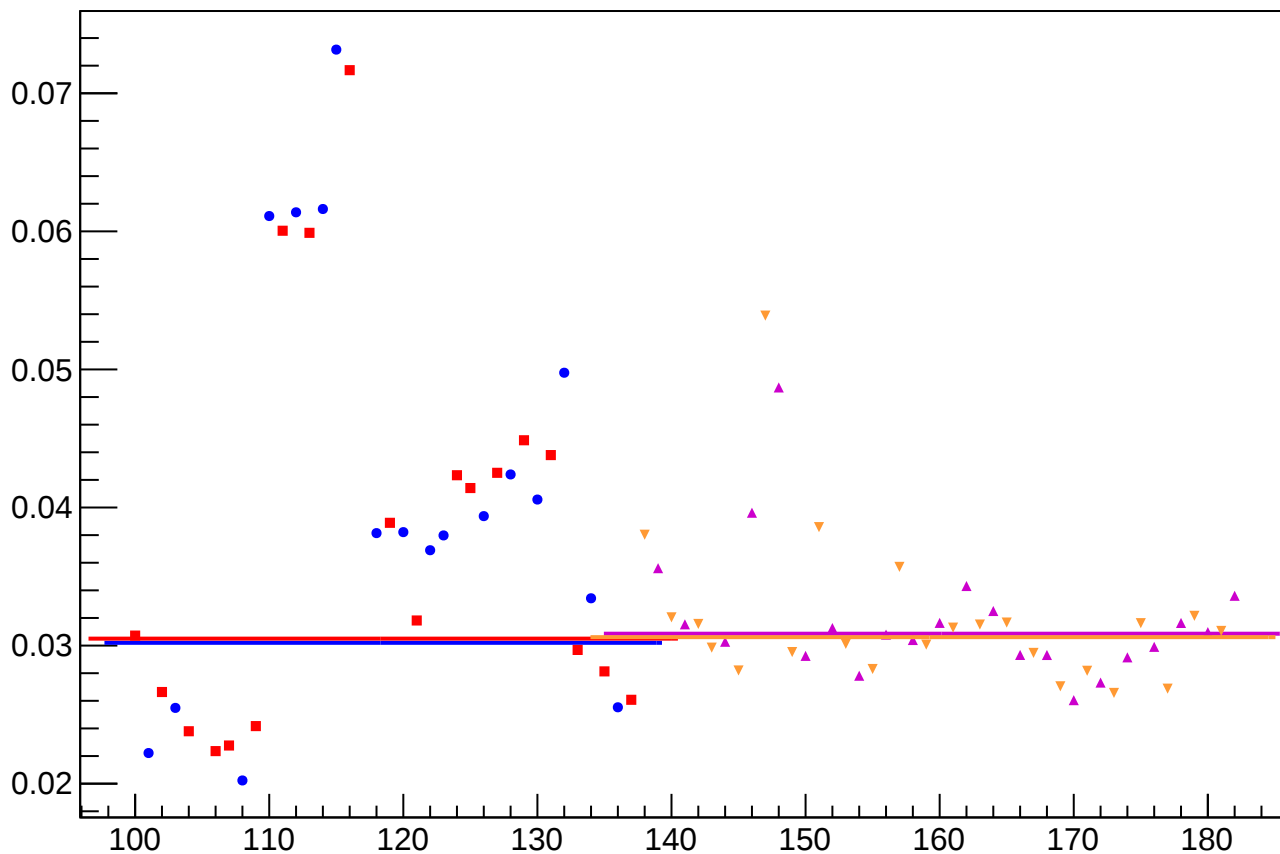
Left In: 17.896+/-0.000 χ^2/NDF : 1119873907.7/21

+ sign 18.325+/-0.000 χ^2/NDF : 28537470350.0/39

All: 18.376+/-0.000 χ^2/NDF : 59081794047.0

- sign 18.426+/-0.000 χ^2/NDF : 30423898289.8/40

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1318915.0/16

Left Out: 0.031+/-0.000 χ^2/NDF : 566060.7/22

Right Out: 0.031+/-0.000 χ^2/NDF : 1176229.2/18

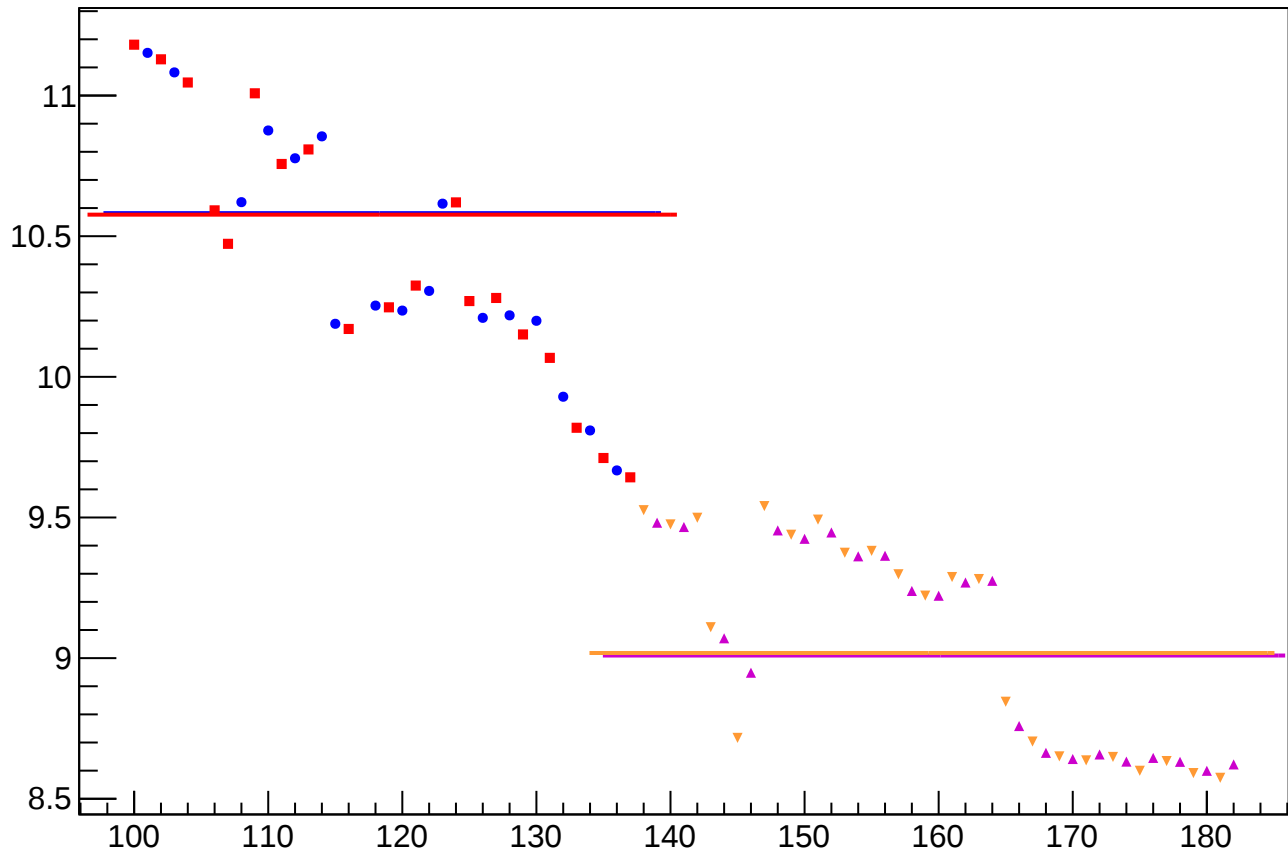
Left In: 0.031+/-0.000 χ^2/NDF : 449400.7/21

+ sign 0.031+/-0.000 χ^2/NDF : 1886491.6/39

All: 0.031+/-0.000 χ^2/NDF : 3514887.6/80

- sign 0.031+/-0.000 χ^2/NDF : 1626805.1/40

yield_sam6_mean vs Slug



Right In: 10.582 $\pm$ 0.000 χ^2 /NDF: 7496301993.4/16

Left Out: 9.018 $\pm$ 0.000 χ^2 /NDF: 6057621787.4/22

Right Out: 10.577 $\pm$ 0.000 χ^2 /NDF: 5832154064.6/18

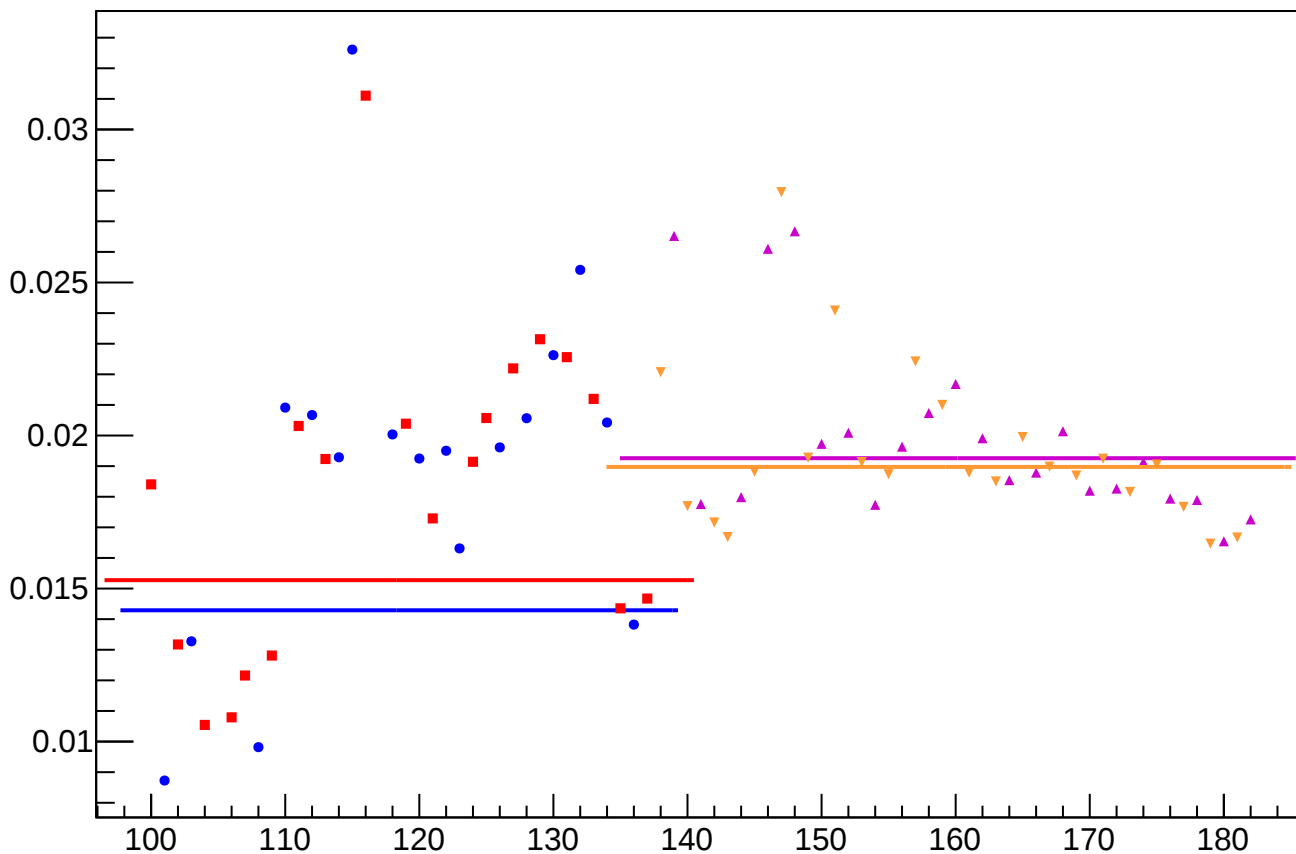
Left In: 9.009 $\pm$ 0.000 χ^2 /NDF: 5178608060.5/21

+ sign 9.599 $\pm$ 0.000 χ^2 /NDF: 53547778617.2/39

All: 9.599 $\pm$ 0.000 χ^2 /NDF: 103269068798.2

- sign 9.598 $\pm$ 0.000 χ^2 /NDF: 49721217617.9/40

yield_sam6_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1401060.2/16

Left Out: 0.019+/-0.000 χ^2/NDF : 412636.1/22

Right Out: 0.015+/-0.000 χ^2/NDF : 983878.2/18

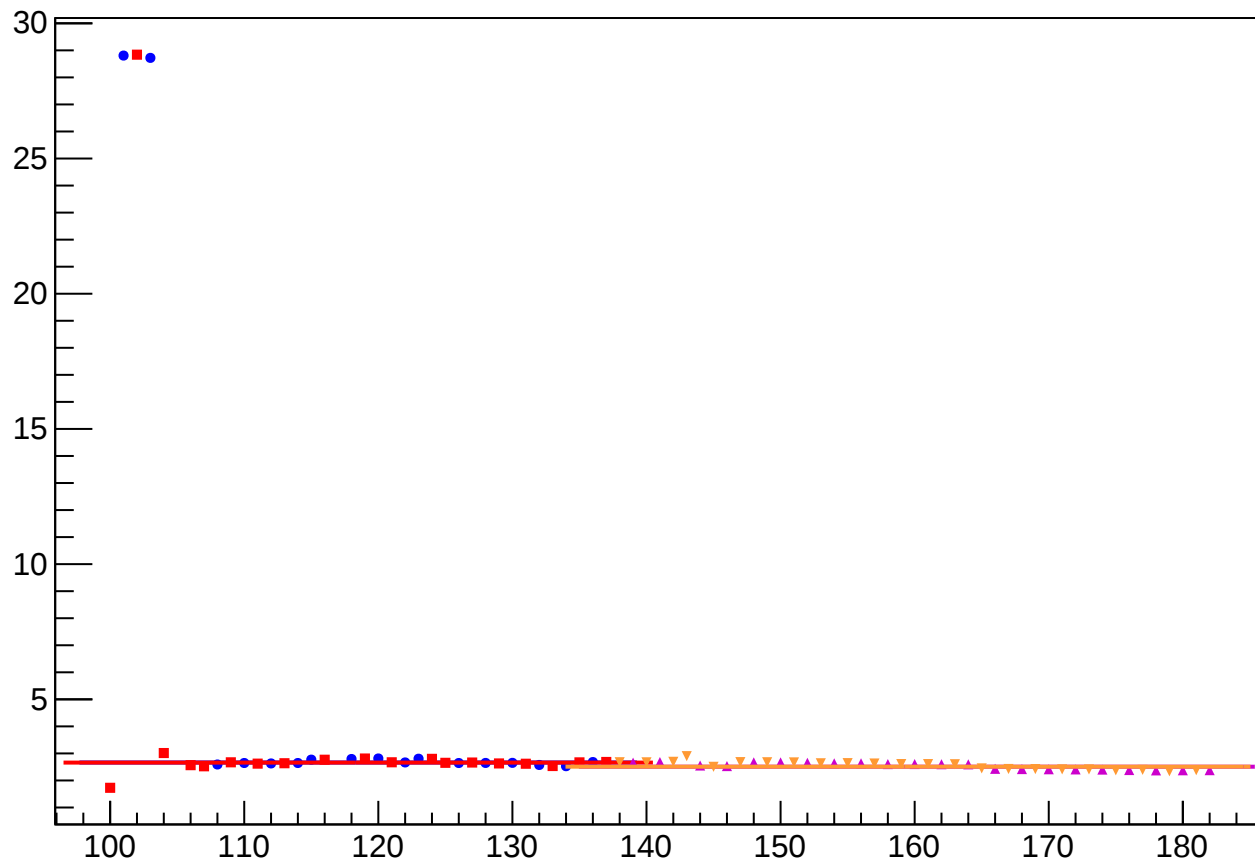
Left In: 0.019+/-0.000 χ^2/NDF : 477190.1/21

+ sign 0.017+/-0.000 χ^2/NDF : 2531521.6/39

All: 0.017+/-0.000 χ^2/NDF : 4512210.0/80

- sign 0.018+/-0.000 χ^2/NDF : 1961479.8/40

yield_sam7_mean vs Slug



Right In: 2.664 $\pm$ 0.000 χ^2 /NDF: 163239224312.8/16

Left Out: 2.510 $\pm$ 0.000 χ^2 /NDF: 58275697747.6/22

Right Out: 2.661 $\pm$ 0.000 χ^2 /NDF: 70469517041.1/18

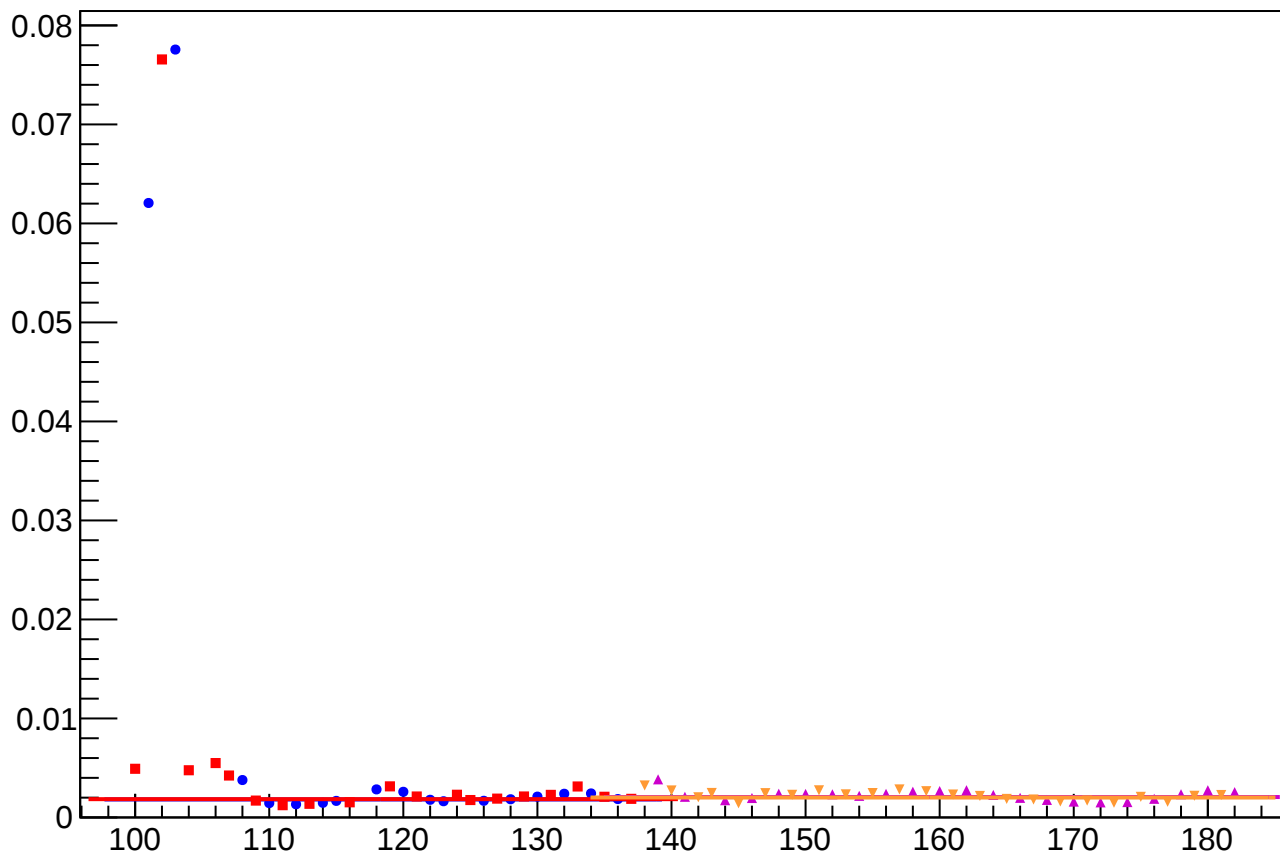
Left In: 2.509 $\pm$ 0.000 χ^2 /NDF: 41217895220.7/21

+ sign 2.553 $\pm$ 0.000 χ^2 /NDF: 244343402421.6/39

All: 2.554 $\pm$ 0.000 χ^2 /NDF: 378811799298.0

- sign 2.555 $\pm$ 0.000 χ^2 /NDF: 134464072915.6/40

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2661214.8/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF:1372606.2/22

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2328485.5/18

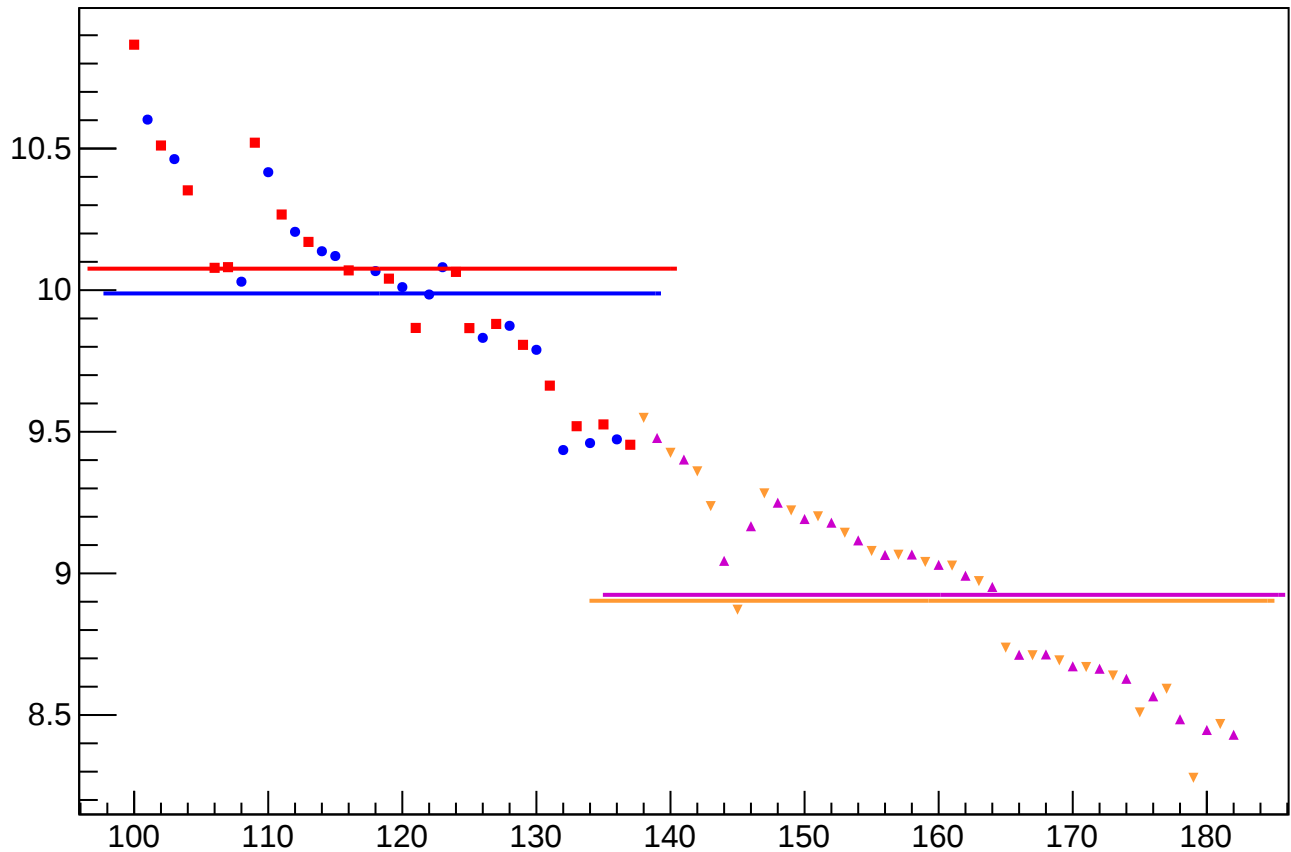
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:1299554.9/21

+ sign 0.002 $\pm$ 0.000 χ^2 /NDF: 4109263.5/39

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 7834814.9/80

- sign 0.002 $\pm$ 0.000 χ^2 /NDF: 3718786.9/40

yield_sam8_mean vs Slug



Right In: 9.988 $\pm$ 0.000 χ^2 /NDF: 19058102133.2/16

Left Out: 8.903 $\pm$ 0.000 χ^2 /NDF: 31206348157.3/22

Right Out: 10.076 $\pm$ 0.000 χ^2 /NDF: 15960763158.3/18

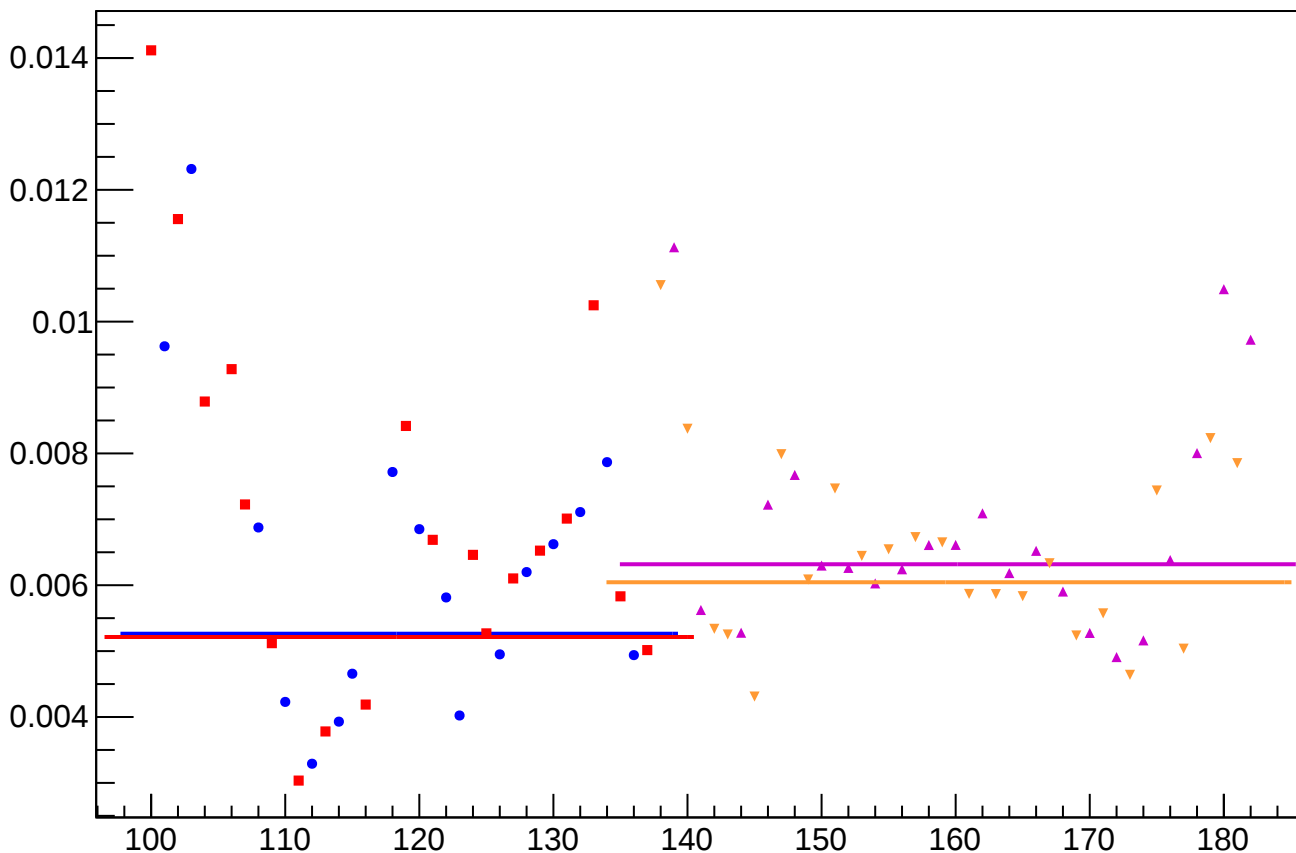
Left In: 8.924 $\pm$ 0.000 χ^2 /NDF: 26088632945.2/21

+ sign 9.254 $\pm$ 0.000 χ^2 /NDF: 194522043187.9/39

All: 9.295 $\pm$ 0.000 χ^2 /NDF: 401402085217.5

- sign 9.337 $\pm$ 0.000 χ^2 /NDF: 205000190037.3/40

yield_sam8_rms vs Slug



Right In: 0.005 $\pm$ 0.000 χ^2 /NDF: 1249771.4/16

Left Out: 0.006 $\pm$ 0.000 χ^2 /NDF:1110761.1/22

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 1653053.2/18

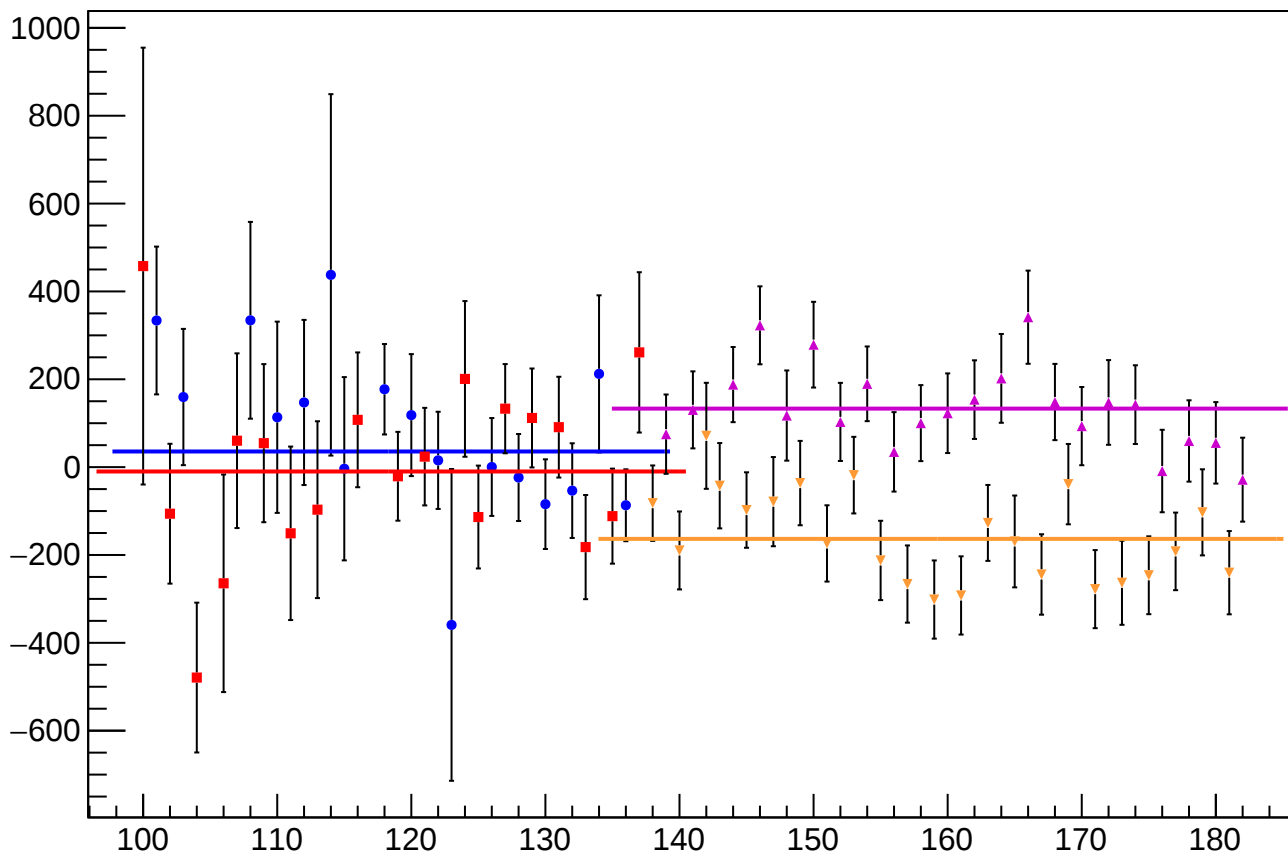
Left In: 0.006 $\pm$ 0.000 χ^2 /NDF:1087051.1/21

+ sign 0.006 $\pm$ 0.000 χ^2 /NDF: 2510044.7/39

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 5558845.8/80

- sign 0.006 $\pm$ 0.000 χ^2 /NDF: 3039584.0/40

reg_asym_sam1_mean vs Slug



Right In: 35.612 ± 32.342 χ^2/NDF : 16.3/16

Left Out: -163.371 ± 19.181 χ^2/NDF : 25.9/22

Right Out: -9.921 ± 32.186 χ^2/NDF : 22.8/18

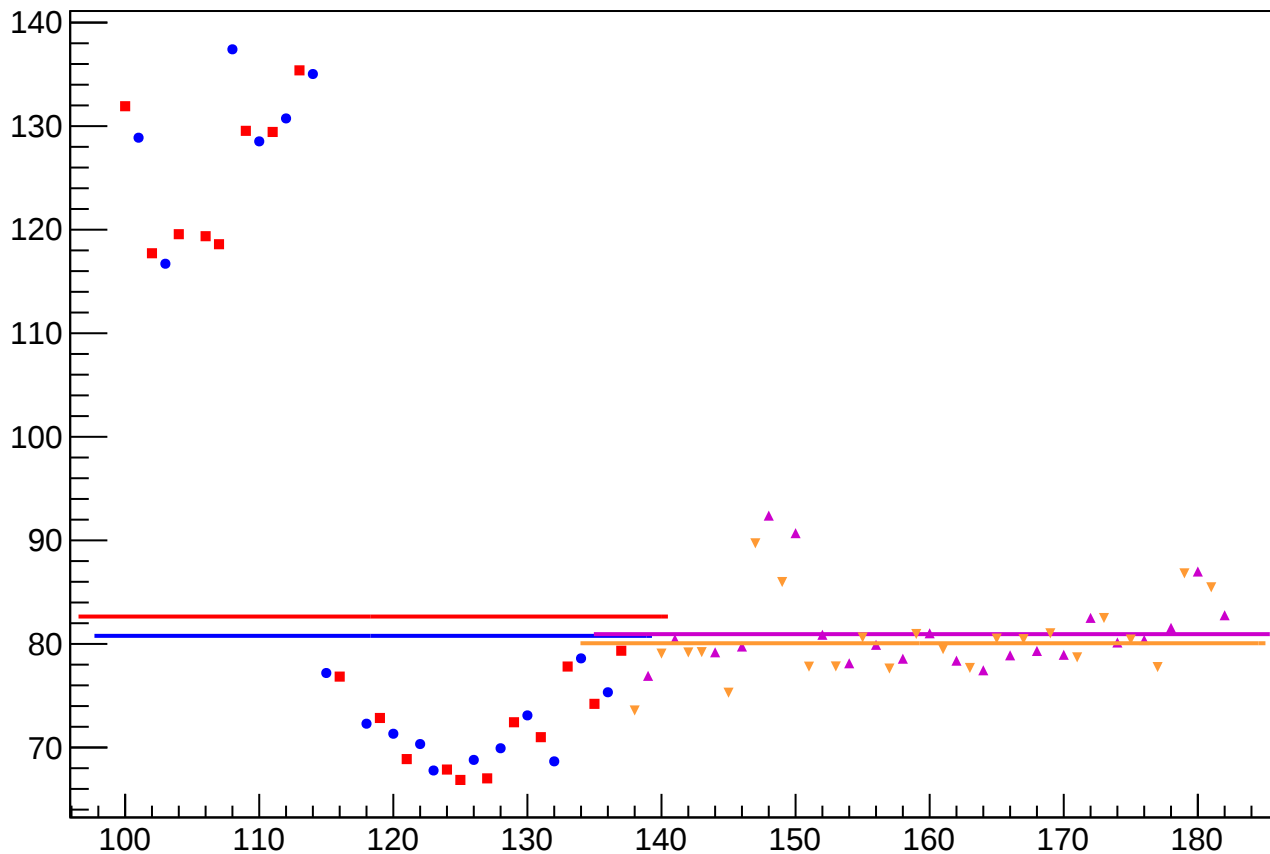
Left In: 133.206 ± 19.547 χ^2/NDF : 20.7/21

+ sign -111.592 ± 16.498 χ^2/NDF : 70.2/39

All: -9.776 ± 11.739 χ^2/NDF : 205.3/80

- sign 94.641 ± 16.707 χ^2/NDF : 57.9/40

reg_asym_sam1_rms vs Slug



Right In: 80.781 $\pm$ 0.023 χ^2 /NDF: 807781.3/16

Left Out: 80.067 $\pm$ 0.014 χ^2 /NDF:69316.1/22

Right Out: 82.645 $\pm$ 0.023 χ^2 /NDF: 908392.3/18

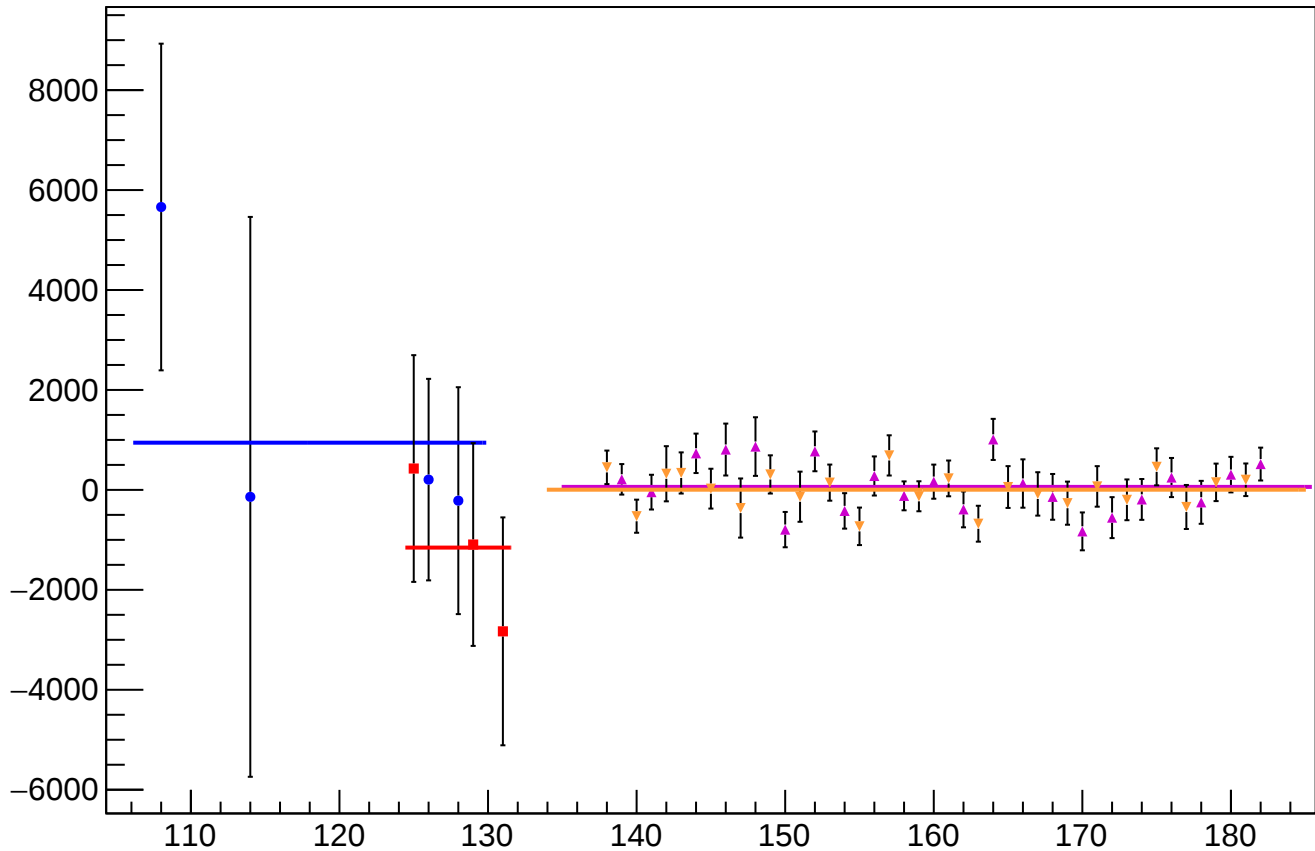
Left In: 80.945 $\pm$ 0.014 χ^2 /NDF:70583.5/21

+ sign 80.253 $\pm$ 0.012 χ^2 /NDF: 877818.9/39

All: 80.821 $\pm$ 0.008 χ^2 /NDF: 1865673.0/80

- sign 81.403 $\pm$ 0.012 χ^2 /NDF: 983049.1/40

asym_sam1_correction_mean vs Slug



Right In: 944.622 ± 1329.889 χ^2/NDF : 2.5/3

Left Out: 3.746 ± 81.069 χ^2/NDF : 20.9/22

Right Out: -1154.707 ± 1260.302 χ^2/NDF : 1.0/2

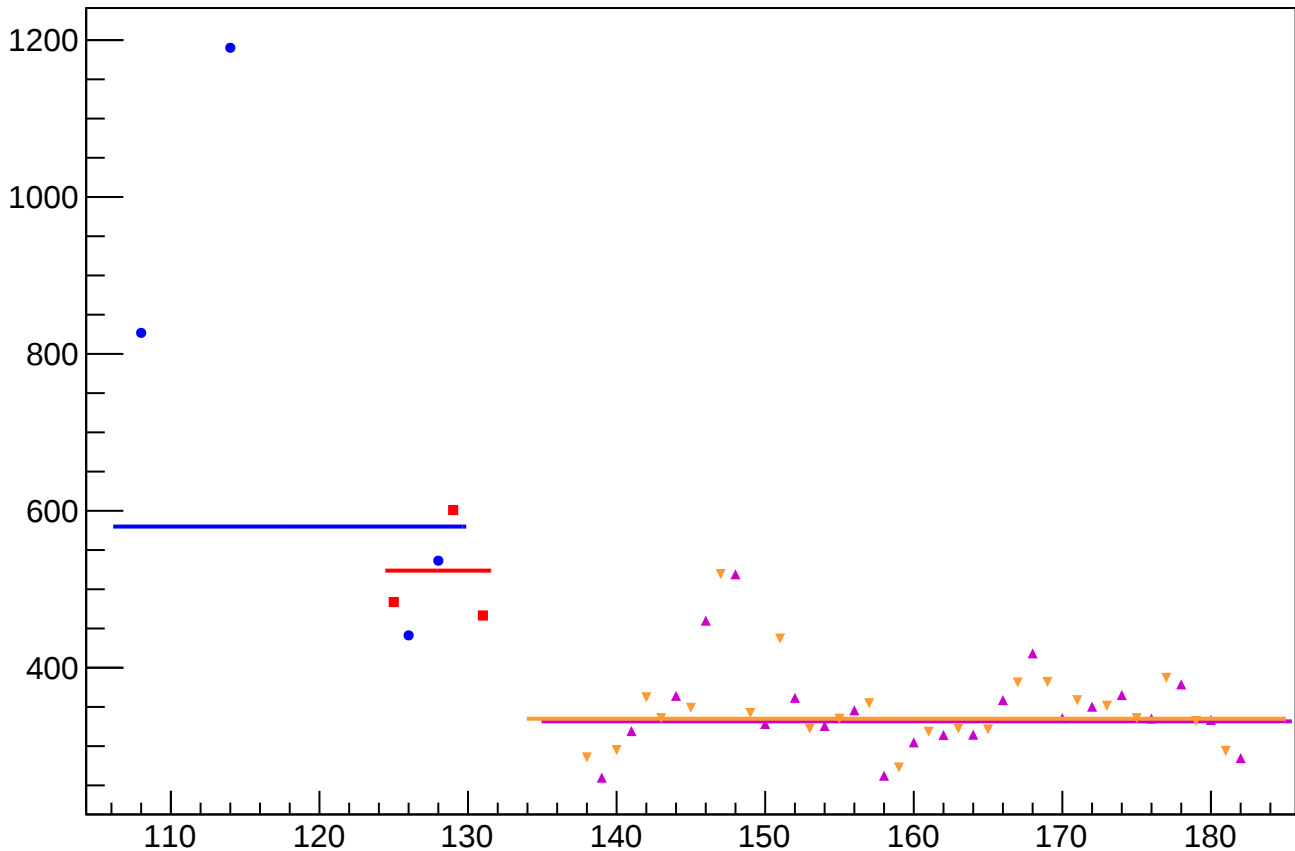
Left In: 60.092 ± 81.095 χ^2/NDF : 37.3/21

+ sign 7.230 ± 80.919 χ^2/NDF : 23.9/26

All: 31.154 ± 57.221 χ^2/NDF : 63.3/51

- sign 55.083 ± 80.927 χ^2/NDF : 39.2/24

asym_sam1_correction_rms vs Slug



Right In: 579.917 $\pm$ 0.940 χ^2 /NDF: 45346.8/3

Left Out: 334.950 $\pm$ 0.057 χ^2 /NDF: 575375.5/22

Right Out: 523.753 $\pm$ 0.891 χ^2 /NDF: 4780.0/2

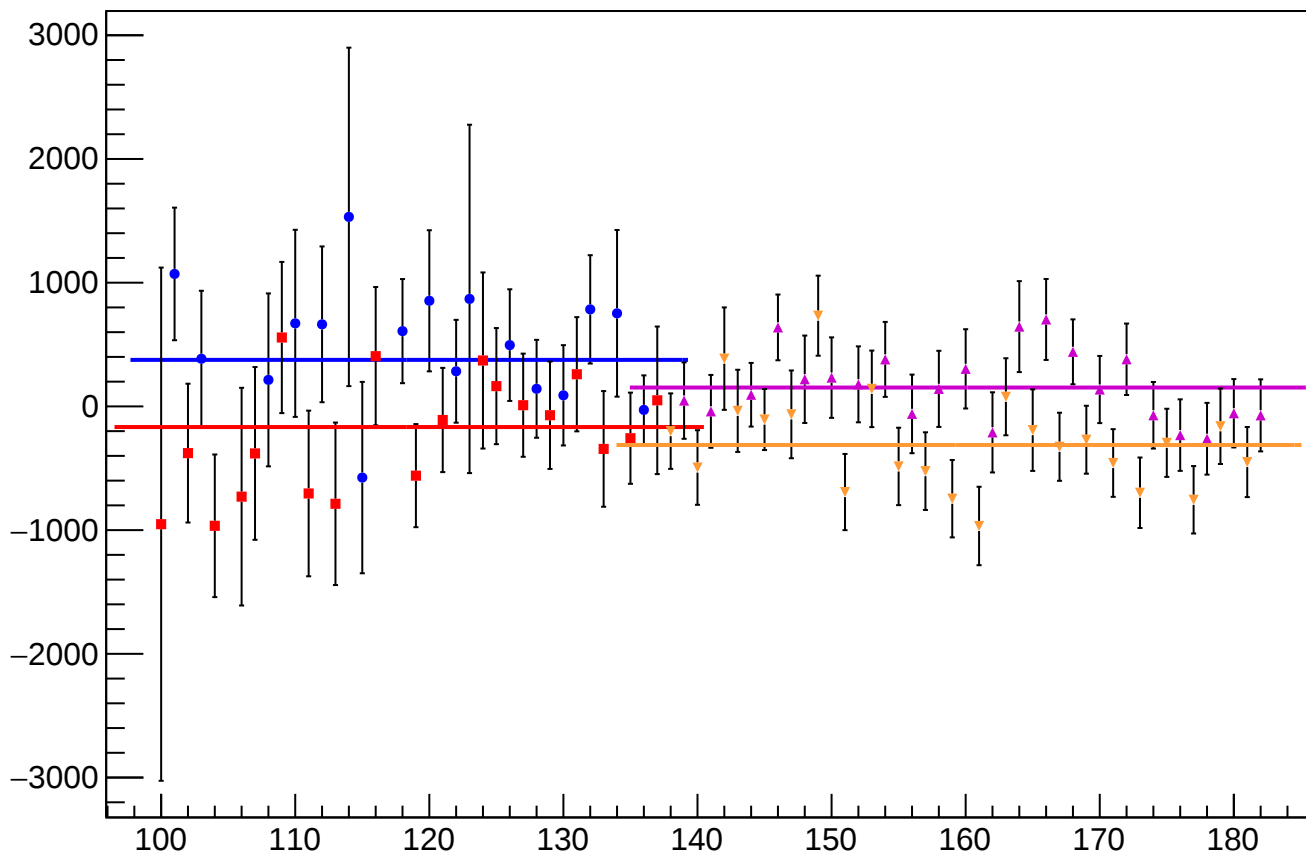
Left In: 331.649 $\pm$ 0.057 χ^2 /NDF: 763195.6/21

+ sign 335.857 $\pm$ 0.057 χ^2 /NDF: 688331.6/26

All: 334.149 $\pm$ 0.040 χ^2 /NDF: 1504364.8/51

- sign 332.441 $\pm$ 0.057 χ^2 /NDF: 814252.0/24

reg_asym_sam2_mean vs Slug



Right In: 376.077 ± 121.292 χ^2/NDF : 9.7/16

Left Out: -312.092 ± 62.789 χ^2/NDF : 33.3/22

Right Out: -166.872 ± 120.731 χ^2/NDF : 10.1/18

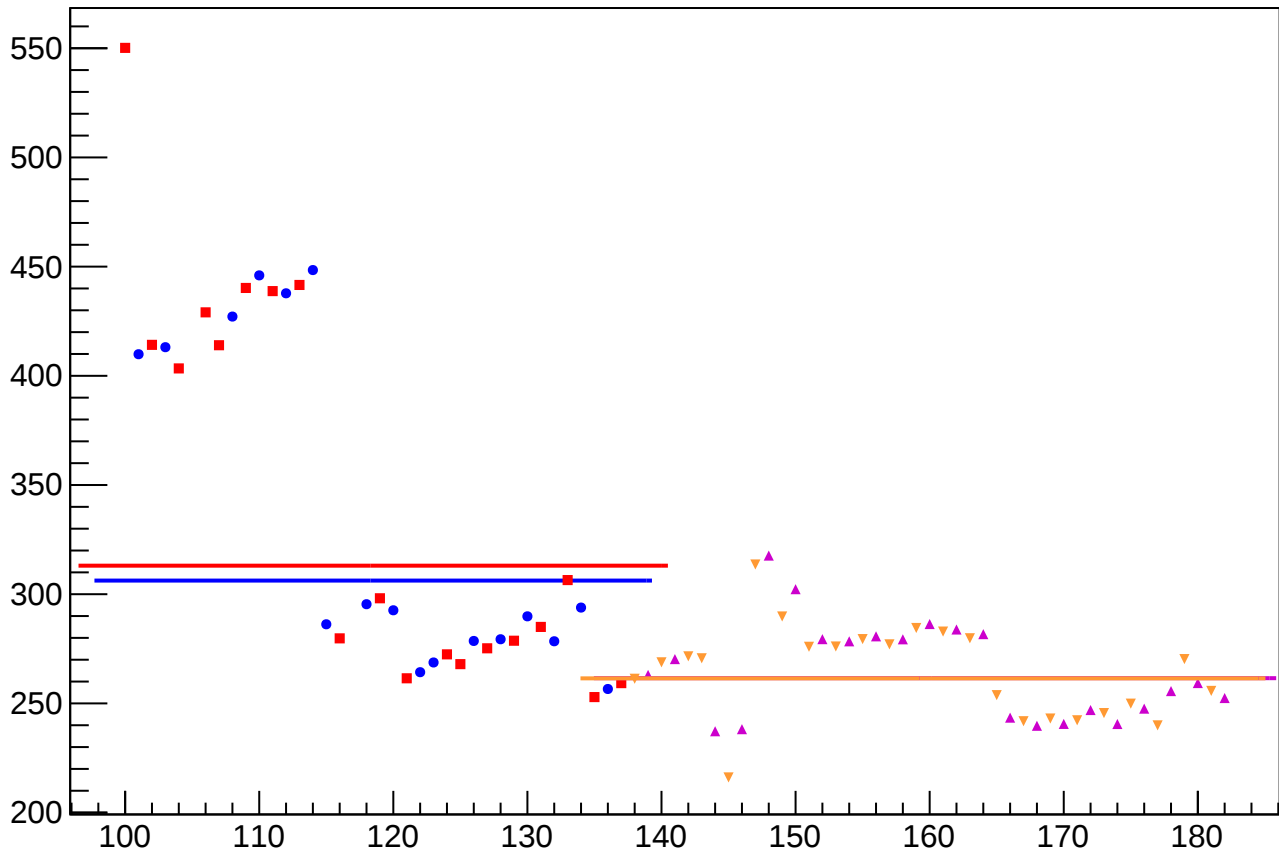
Left In: 152.515 ± 63.320 χ^2/NDF : 18.7/21

+ sign -166.651 ± 55.761 χ^2/NDF : 68.3/39

All: -42.224 ± 39.540 χ^2/NDF : 112.6/80

- sign 83.613 ± 56.076 χ^2/NDF : 34.2/40

reg_asym_sam2_rms vs Slug



Right In: 306.241 $\pm$ 0.086 χ^2 /NDF: 505092.7/16

Left Out: 261.466 $\pm$ 0.044 χ^2 /NDF: 232281.6/22

Right Out: 313.066 $\pm$ 0.085 χ^2 /NDF: 621526.7/18

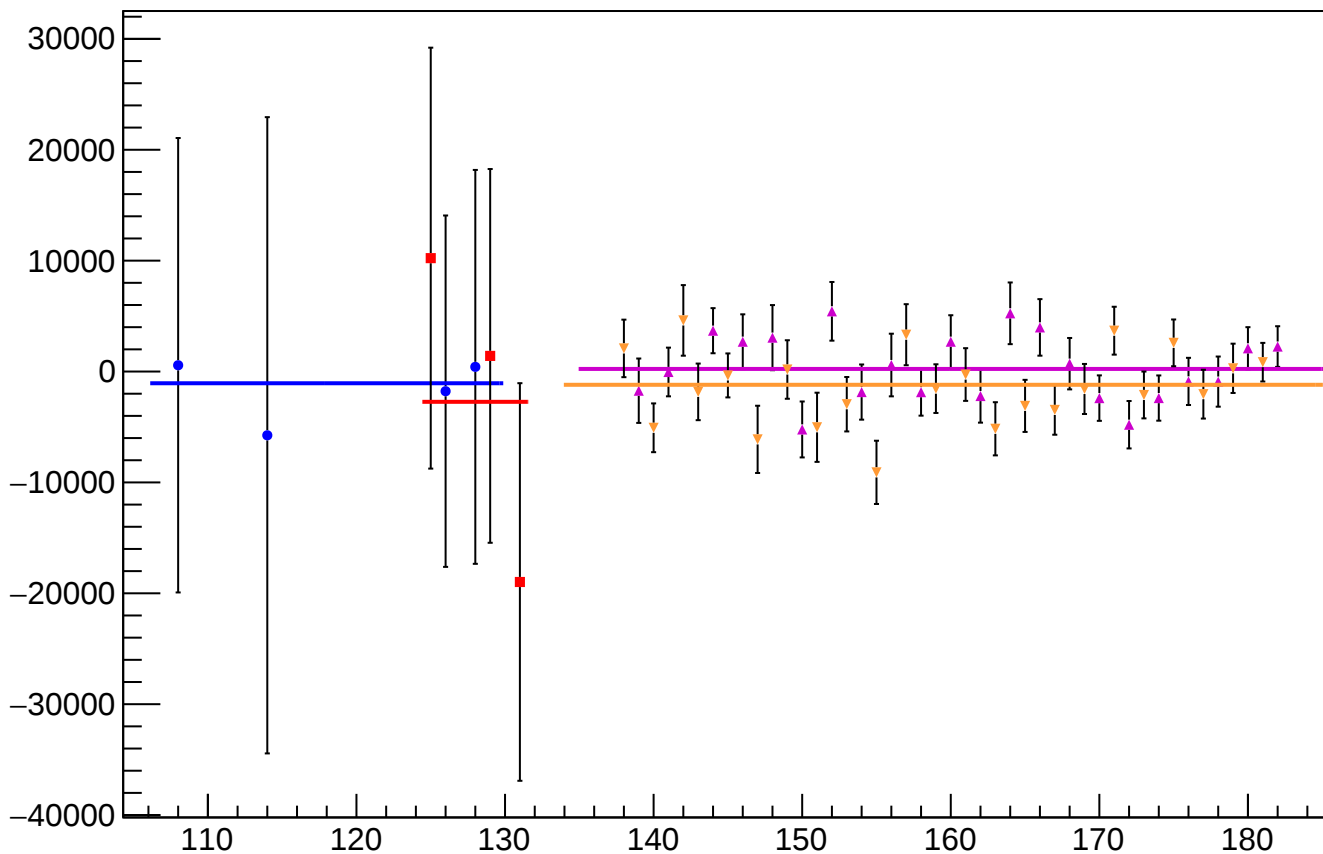
Left In: 261.549 $\pm$ 0.045 χ^2 /NDF: 228000.1/21

+ sign 270.929 $\pm$ 0.039 χ^2 /NDF: 952313.9/39

All: 271.791 $\pm$ 0.028 χ^2 /NDF: 2088404.9/80

- sign 272.663 $\pm$ 0.040 χ^2 /NDF: 1135129.7/40

asym_sam2_correction_mean vs Slug



Right In: -1057.023 ± 9645.185 χ^2/NDF : 0.0/3

Left Out: -1195.568 ± 489.325 χ^2/NDF : 38.7/22

Right Out: -2731.442 ± 10310.351 χ^2/NDF : 1.3/2

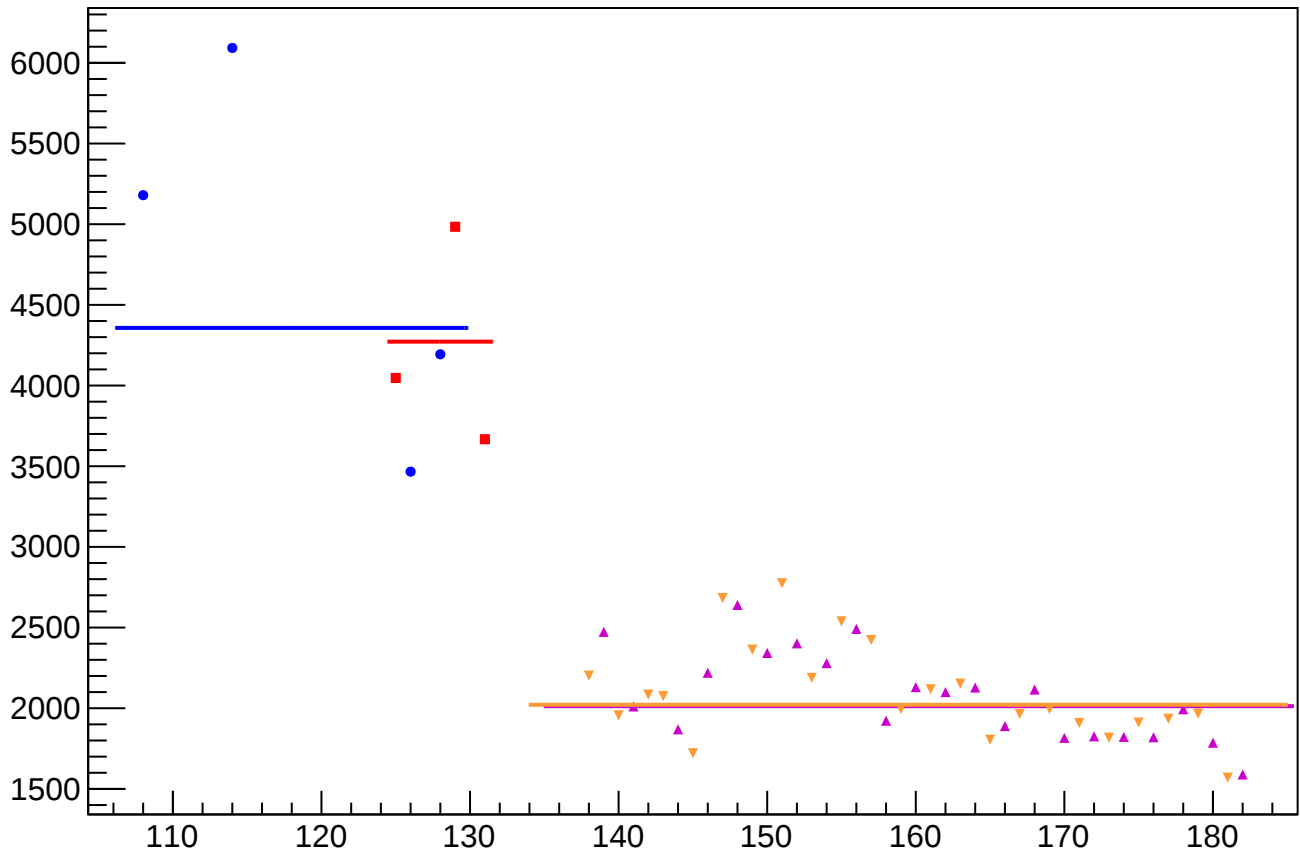
Left In: 234.451 ± 490.194 χ^2/NDF : 34.6/21

+ sign -1195.212 ± 488.697 χ^2/NDF : 38.7/26

All: -485.098 ± 345.894 χ^2/NDF : 79.0/51

- sign 227.762 ± 489.641 χ^2/NDF : 36.0/24

asym_sam2_correction_rms vs Slug



Right In: 4357.248+/-6.820 χ^2/NDF : 17030.4/3

Left Out: 2021.390+/-0.346 χ^2/NDF : 618273.2/22

Right Out: 4272.099+/-7.291 χ^2/NDF : 6125.9/2

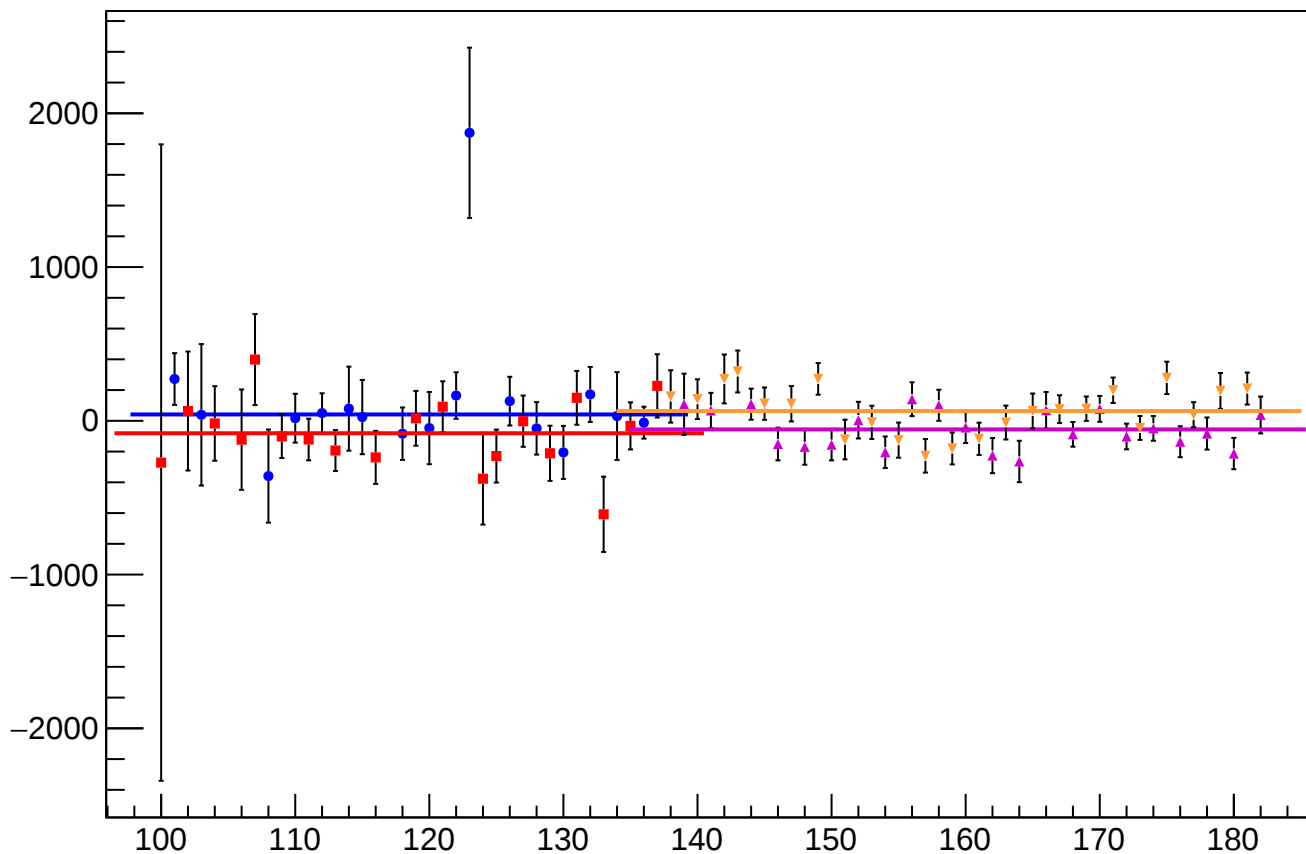
Left In: 2012.805+/-0.347 χ^2/NDF : 549634.7/21

+ sign 2027.387+/-0.346 χ^2/NDF : 752303.5/26

All: 2022.653+/-0.245 χ^2/NDF : 1404258.3/51

- sign 2017.900+/-0.346 χ^2/NDF : 651578.8/24

reg_asym_sam3_mean vs Slug



Right In: 41.443 ± 43.633 χ^2/NDF : 19.4/16

Left Out: 63.862 ± 21.820 χ^2/NDF : 44.1/22

Right Out: -80.808 ± 43.212 χ^2/NDF : 17.1/18

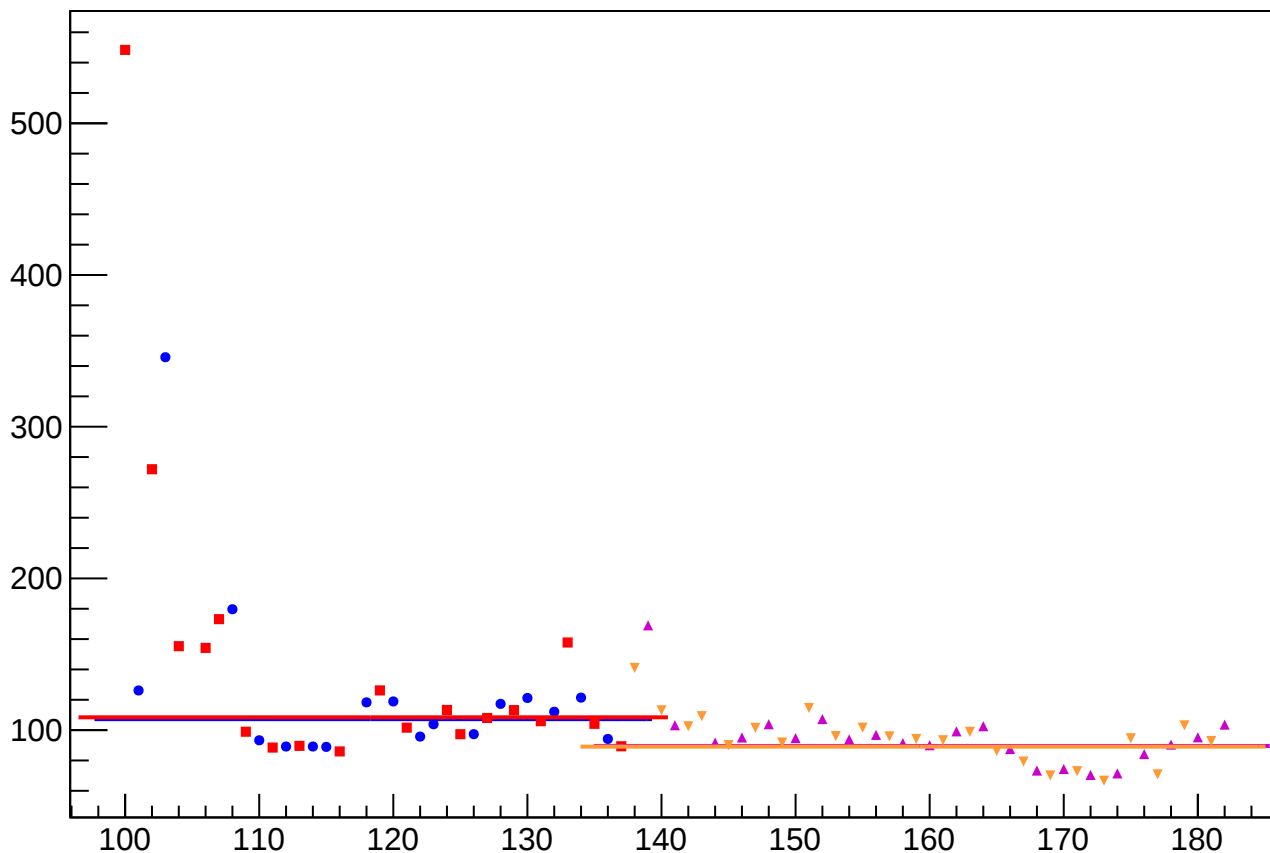
Left In: -55.923 ± 22.055 χ^2/NDF : 27.5/21

+ sign 59.377 ± 19.516 χ^2/NDF : 63.7/39

All: -0.450 ± 13.845 χ^2/NDF : 127.4/80

- sign -61.066 ± 19.644 χ^2/NDF : 44.8/40

reg_asym_sam3_rms vs Slug



Right In: 107.231+/-0.031 χ^2/NDF : 843493.4/16

Left Out: 89.110+/-0.015 χ^2/NDF : 1001239.1/22

Right Out: 108.446+/-0.031 χ^2/NDF : 917457.6/18

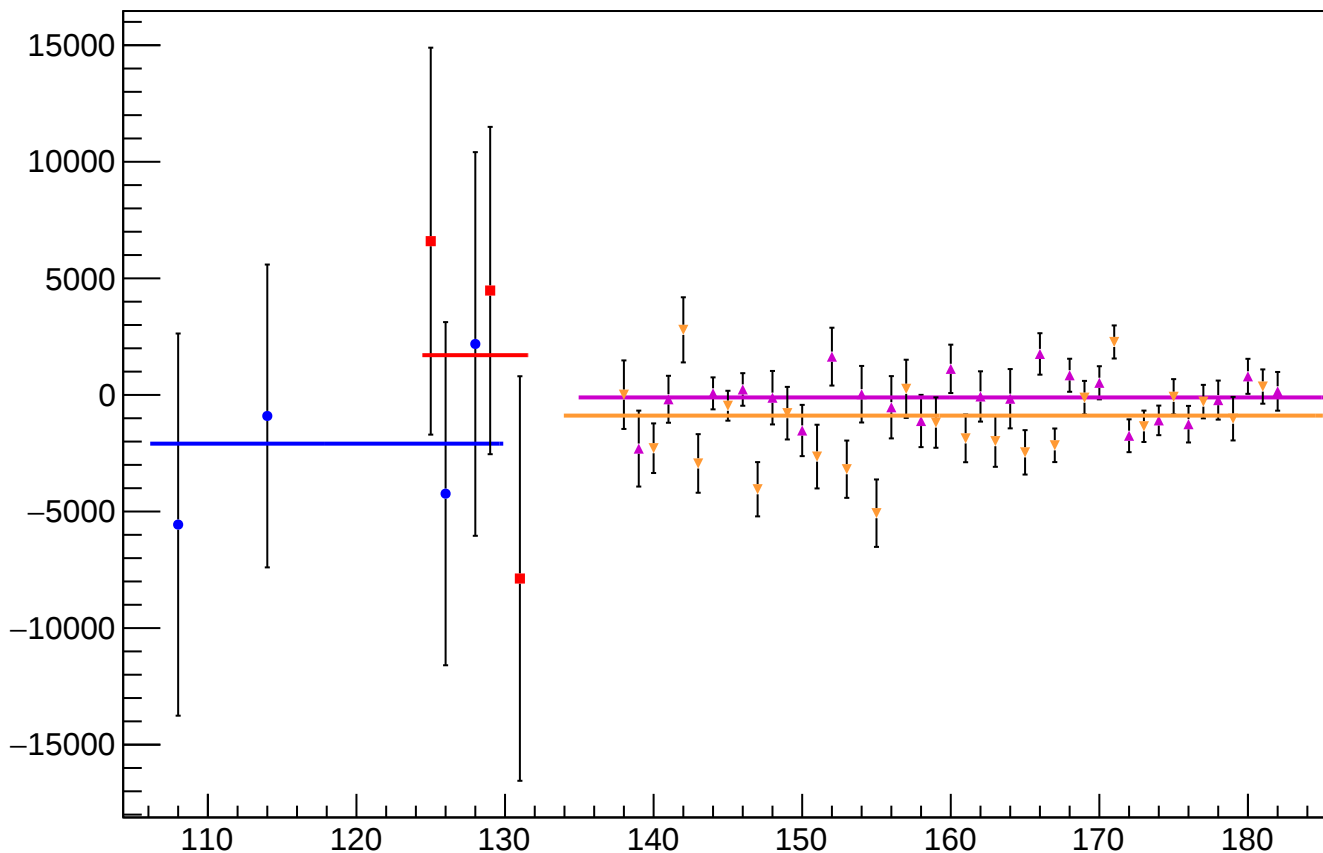
Left In: 89.564+/-0.016 χ^2/NDF : 871987.2/21

+ sign 92.736+/-0.014 χ^2/NDF : 2120678.3/39

All: 93.099+/-0.010 χ^2/NDF : 4214469.3/80

- sign 93.466+/-0.014 χ^2/NDF : 2092398.3/40

asym_sam3_correction_mean vs Slug



Right In: -2089.367 $\pm$ 3731.168 χ^2 /NDF: 0.6/3

Left Out: -886.167 $\pm$ 191.615 χ^2 /NDF: 67.9/22

Right Out: 1705.730 $\pm$ 4559.420 χ^2 /NDF: 1.7/2

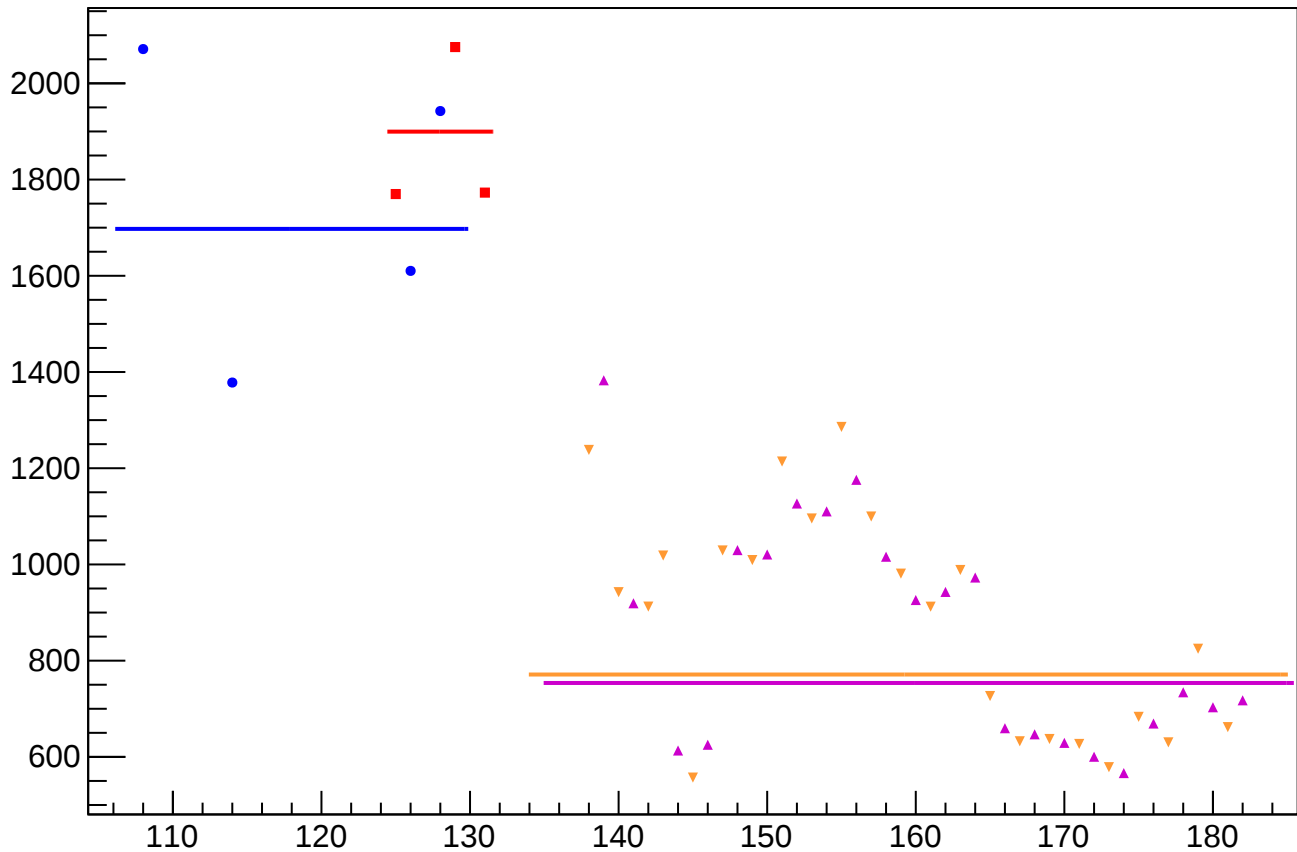
Left In: -106.819 $\pm$ 188.203 χ^2 /NDF: 26.7/21

+ sign -889.332 $\pm$ 191.363 χ^2 /NDF: 68.6/26

All: -489.659 $\pm$ 134.125 χ^2 /NDF: 105.7/51

- sign -103.735 $\pm$ 188.043 χ^2 /NDF: 28.5/24

asym_sam3_correction_rms vs Slug



Right In: 1697.477 $\pm$ 2.638 χ^2 /NDF: 11050.0/3

Left Out: 771.206 $\pm$ 0.135 χ^2 /NDF:2243757.9/22

Right Out: 1899.639 $\pm$ 3.224 χ^2 /NDF: 2170.1/2

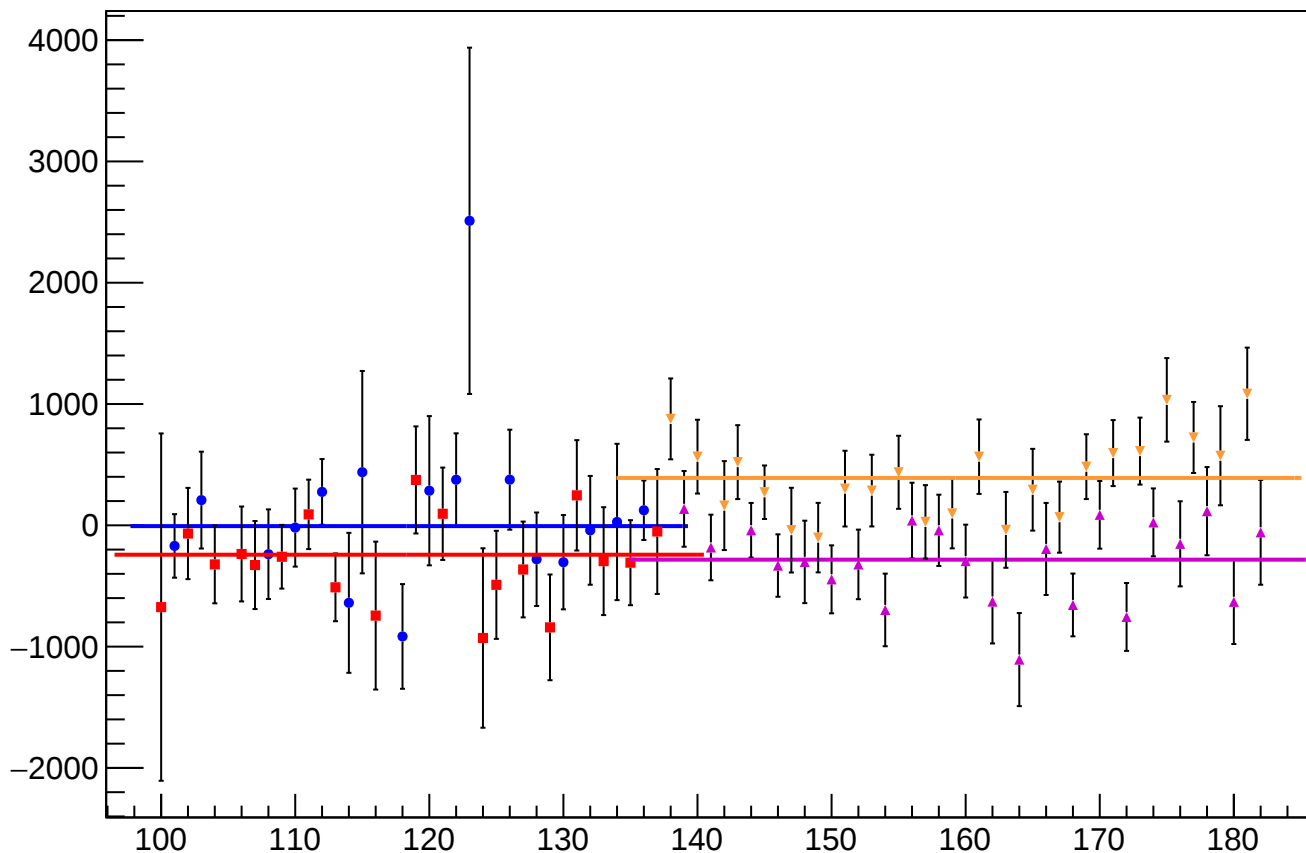
Left In: 753.638 $\pm$ 0.133 χ^2 /NDF:2012866.2/21

+ sign 773.642 $\pm$ 0.135 χ^2 /NDF: 2377742.0/26

All: 764.457 $\pm$ 0.095 χ^2 /NDF: 4527973.4/51

- sign 755.587 $\pm$ 0.133 χ^2 /NDF: 2141173.1/24

reg_asym_sam4_mean vs Slug



Right In: -6.497 ± 93.462 χ^2/NDF : 14.7/16

Left Out: 390.746 ± 63.297 χ^2/NDF : 23.6/22

Right Out: -242.246 ± 89.108 χ^2/NDF : 10.6/18

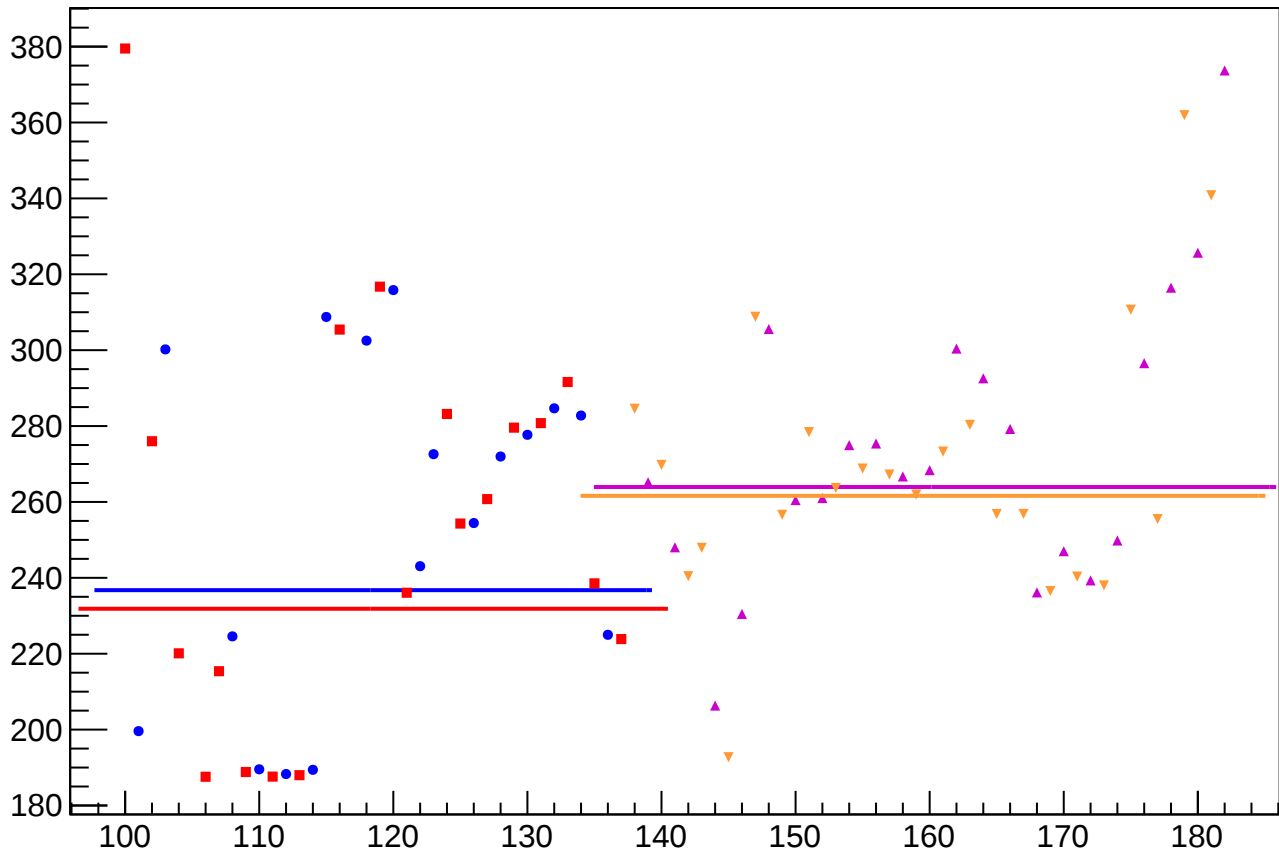
Left In: -283.096 ± 64.385 χ^2/NDF : 23.3/21

+ sign 265.836 ± 52.409 χ^2/NDF : 50.7/39

All: -2.756 ± 36.980 χ^2/NDF : 137.1/80

- sign -269.084 ± 52.187 χ^2/NDF : 34.1/40

reg_asym_sam4_rms vs Slug



Right In: 236.750 $\pm$ 0.066 χ^2 /NDF: 390018.3/16

Left Out: 261.613 $\pm$ 0.045 χ^2 /NDF:565741.6/22

Right Out: 231.853 $\pm$ 0.063 χ^2 /NDF: 445120.6/18

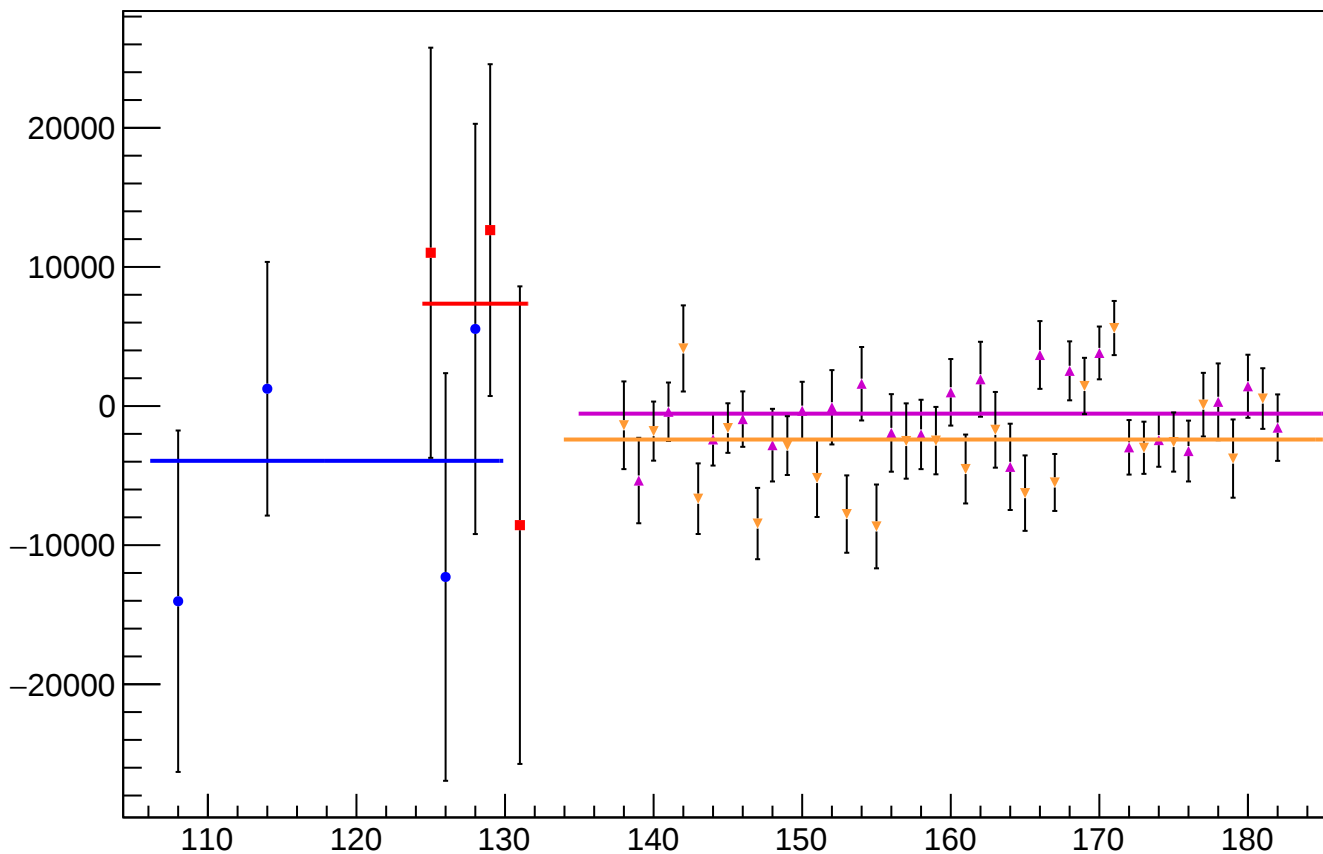
Left In: 263.938 $\pm$ 0.046 χ^2 /NDF:547302.9/21

+ sign 253.795 $\pm$ 0.037 χ^2 /NDF: 1052798.4/39

All: 253.362 $\pm$ 0.026 χ^2 /NDF: 2215851.7/80

- sign 252.933 $\pm$ 0.037 χ^2 /NDF: 1162781.5/40

asym_sam4_correction_mean vs Slug



Right In: -3937.127 $\pm$ 5984.477 χ^2/NDF : 1.7/3

Left Out: -2405.717 $\pm$ 490.257 χ^2/NDF : 51.3/22

Right Out: 7358.957 $\pm$ 8158.706 χ^2/NDF : 1.1/2

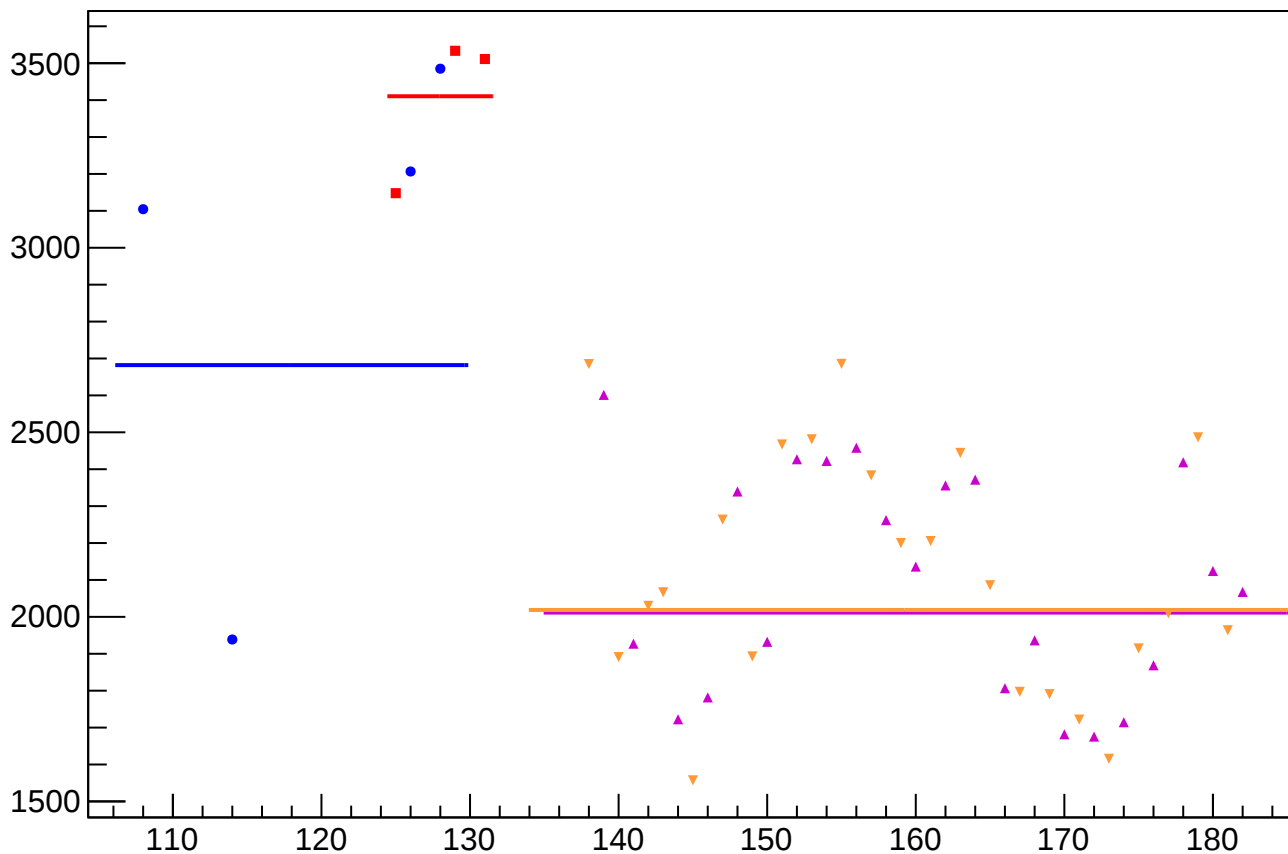
Left In: -546.451 $\pm$ 491.171 χ^2/NDF : 23.7/21

+ sign -2415.926 $\pm$ 488.620 χ^2/NDF : 53.1/26

All: -1470.139 $\pm$ 346.093 χ^2/NDF : 86.4/51

- sign -517.903 $\pm$ 490.283 χ^2/NDF : 25.8/24

asym_sam4_correction_rms vs Slug



Right In: 2682.064 $\pm$ 4.232 χ^2 /NDF: 24157.5/3

Left Out: 2018.683 $\pm$ 0.347 χ^2 /NDF: 819542.7/22

Right Out: 3410.484 $\pm$ 5.769 χ^2 /NDF: 916.8/2

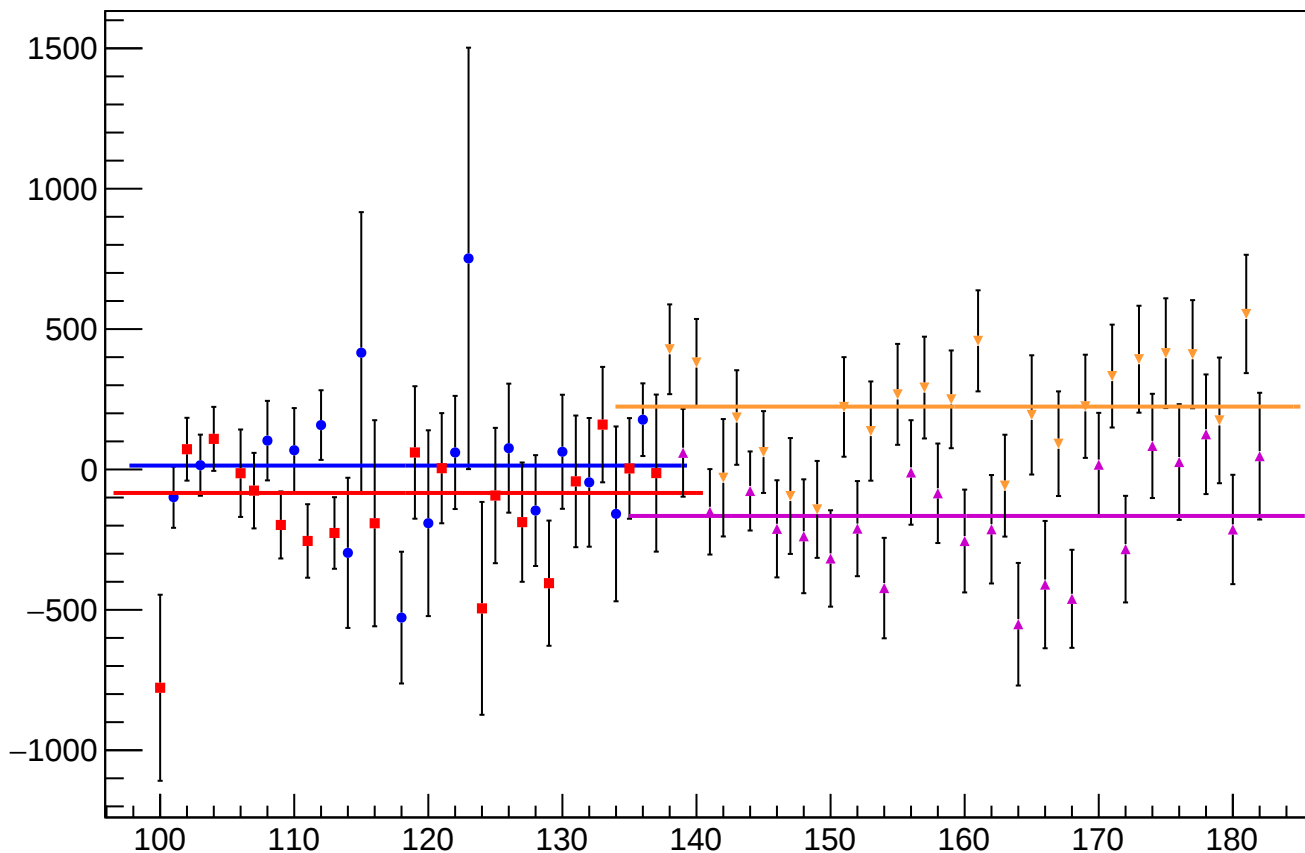
Left In: 2011.545 $\pm$ 0.347 χ^2 /NDF: 660483.5/21

+ sign 2023.105 $\pm$ 0.346 χ^2 /NDF: 868111.9/26

All: 2019.862 $\pm$ 0.245 χ^2 /NDF: 1588277.8/51

- sign 2016.597 $\pm$ 0.347 χ^2 /NDF: 719989.0/24

reg_asym_sam5_mean vs Slug



Right In: 13.853 ± 42.364 χ^2/NDF : 14.4/16

Left Out: 223.913 ± 37.906 χ^2/NDF : 22.9/22

Right Out: -83.643 ± 39.037 χ^2/NDF : 19.2/18

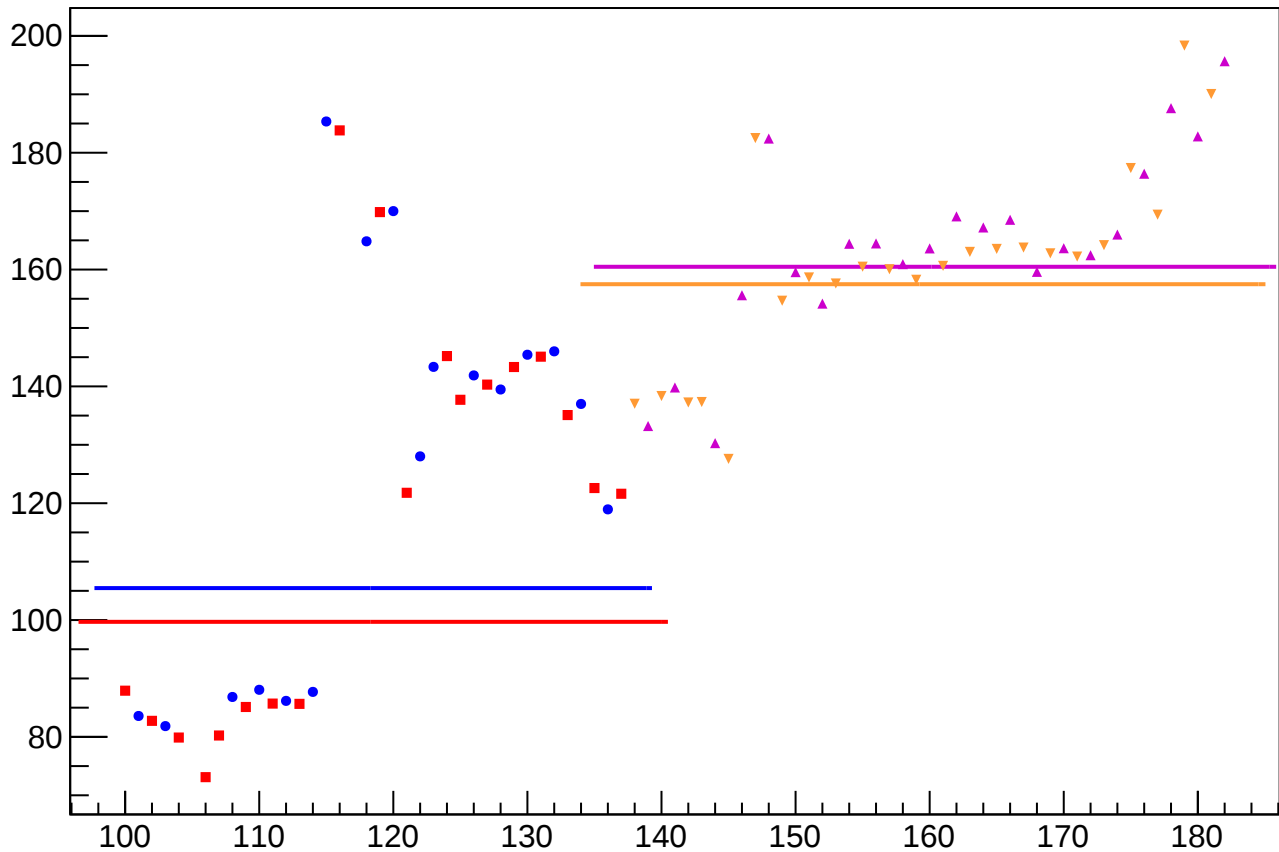
Left In: -165.527 ± 38.911 χ^2/NDF : 20.8/21

+ sign 130.512 ± 28.249 χ^2/NDF : 51.0/39

All: -0.258 ± 19.726 χ^2/NDF : 134.9/80

- sign -124.717 ± 27.559 χ^2/NDF : 42.1/40

reg_asym_sam5_rms vs Slug



Right In: 105.470 $\pm$ 0.030 χ^2 /NDF: 870293.2/16

Left Out: 157.493 $\pm$ 0.027 χ^2 /NDF: 380359.3/22

Right Out: 99.695 $\pm$ 0.028 χ^2 /NDF: 1000657.3/18

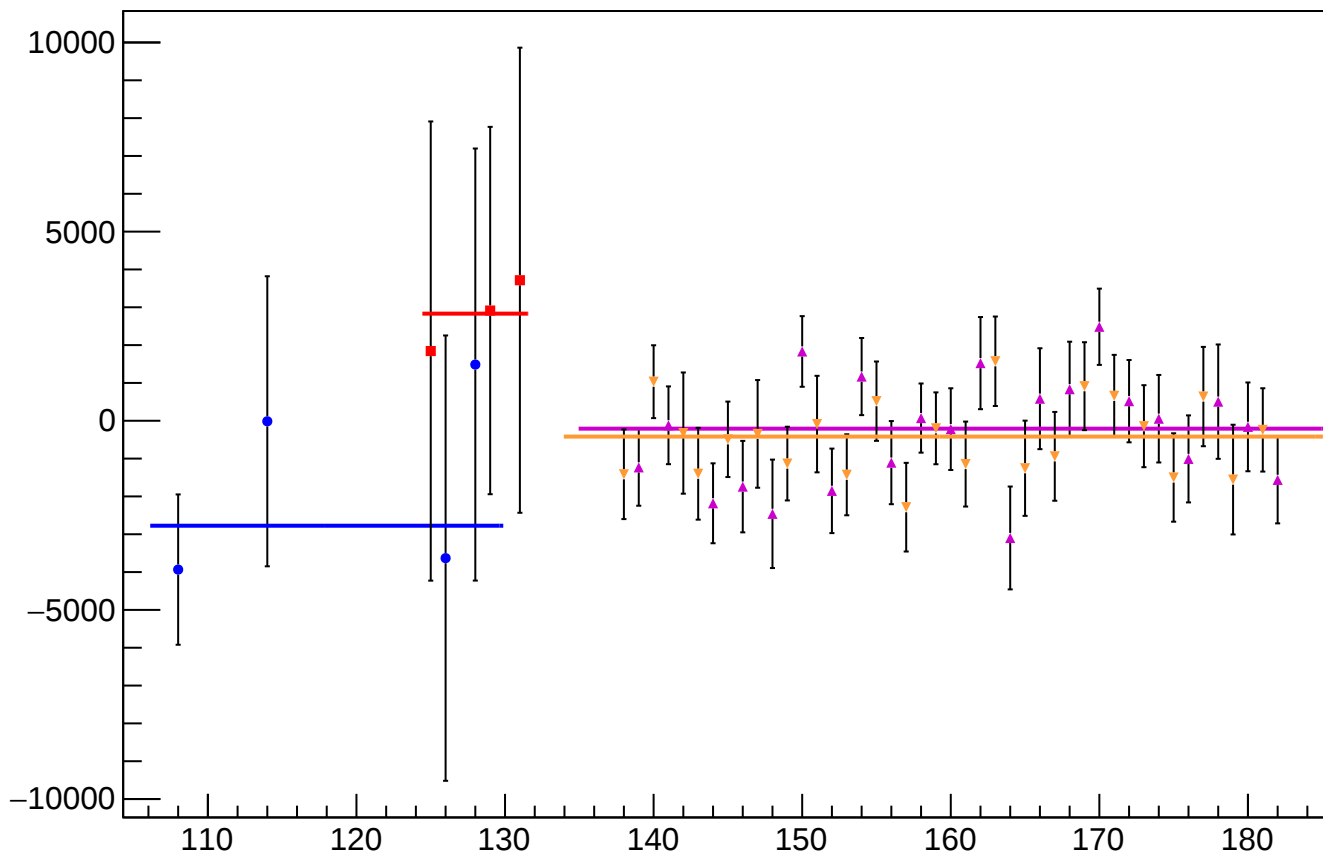
Left In: 160.477 $\pm$ 0.028 χ^2 /NDF: 350236.0/21

+ sign 134.362 $\pm$ 0.020 χ^2 /NDF: 2925622.6/39

All: 132.221 $\pm$ 0.014 χ^2 /NDF: 6731149.3/80

- sign 130.184 $\pm$ 0.019 χ^2 /NDF: 3783110.6/40

asym_sam5_correction_mean vs Slug



Right In: -2774.520+/-1620.377 χ^2 /NDF: 1.4/3

Left Out: -418.342+/-238.592 χ^2 /NDF:16.9/22

Right Out: 2831.759+/-3227.072 χ^2 /NDF: 0.0/2

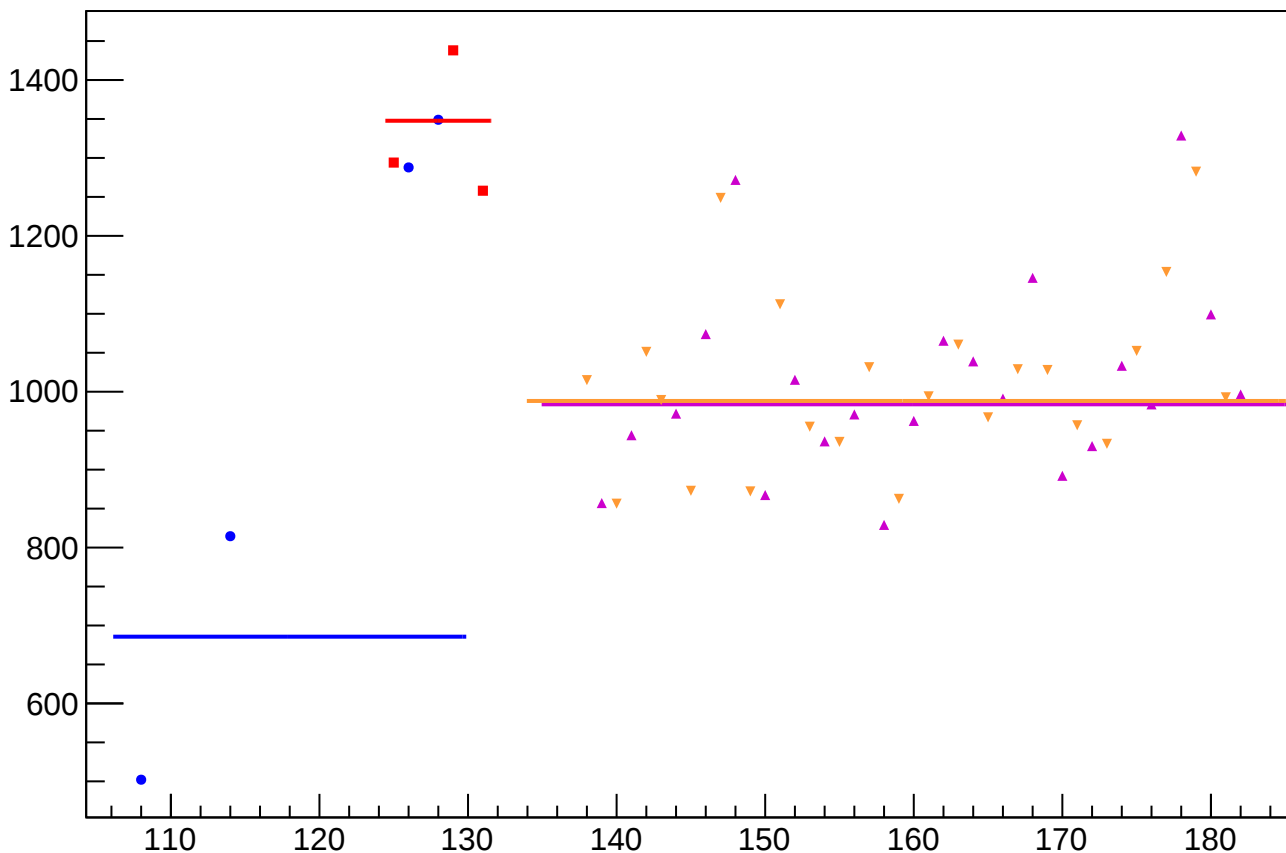
Left In: -208.730+/-239.444 χ^2 /NDF:35.4/21

+ sign -468.342+/-236.047 χ^2 /NDF: 20.4/26

All: -331.807+/-167.871 χ^2 /NDF: 57.5/51

- sign -192.083+/-238.787 χ^2 /NDF: 36.4/24

asym_sam5_correction_rms vs Slug



Right In: 685.658 ± 1.146 χ^2/NDF : 67240.3/3

Left Out: 988.139 ± 0.169 χ^2/NDF : 367124.1/22

Right Out: 1347.722 ± 2.282 χ^2/NDF : 1275.5/2

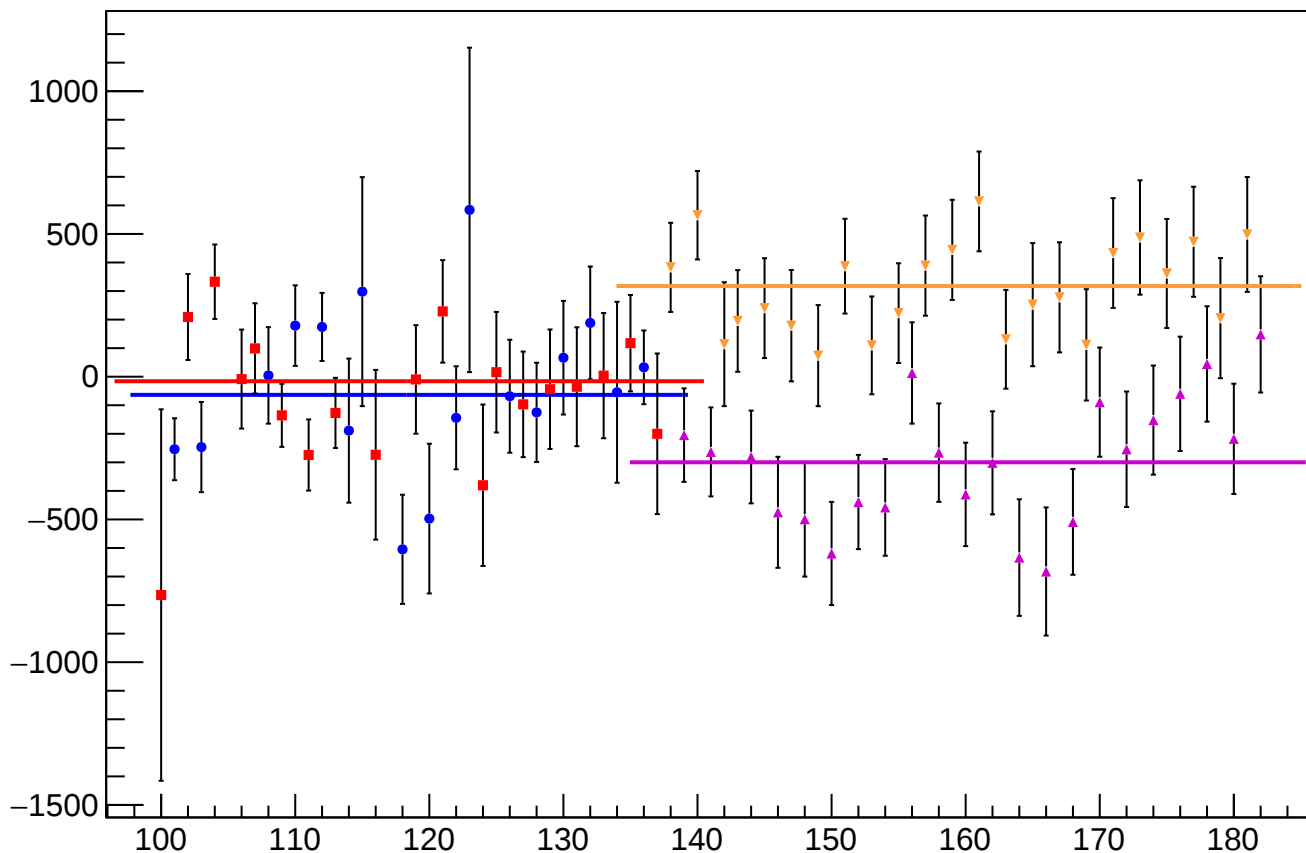
Left In: 983.832 ± 0.169 χ^2/NDF : 416257.7/21

+ sign 981.720 ± 0.167 χ^2/NDF : 502579.6/26

All: 983.748 ± 0.119 χ^2/NDF : 945702.7/51

- sign 985.824 ± 0.169 χ^2/NDF : 442824.4/24

reg_asym_sam6_mean vs Slug



Right In: -63.627 ± 42.336 χ^2/NDF : 27.6/16

Left Out: 317.403 ± 38.100 χ^2/NDF : 17.5/22

Right Out: -15.859 ± 39.532 χ^2/NDF : 23.1/18

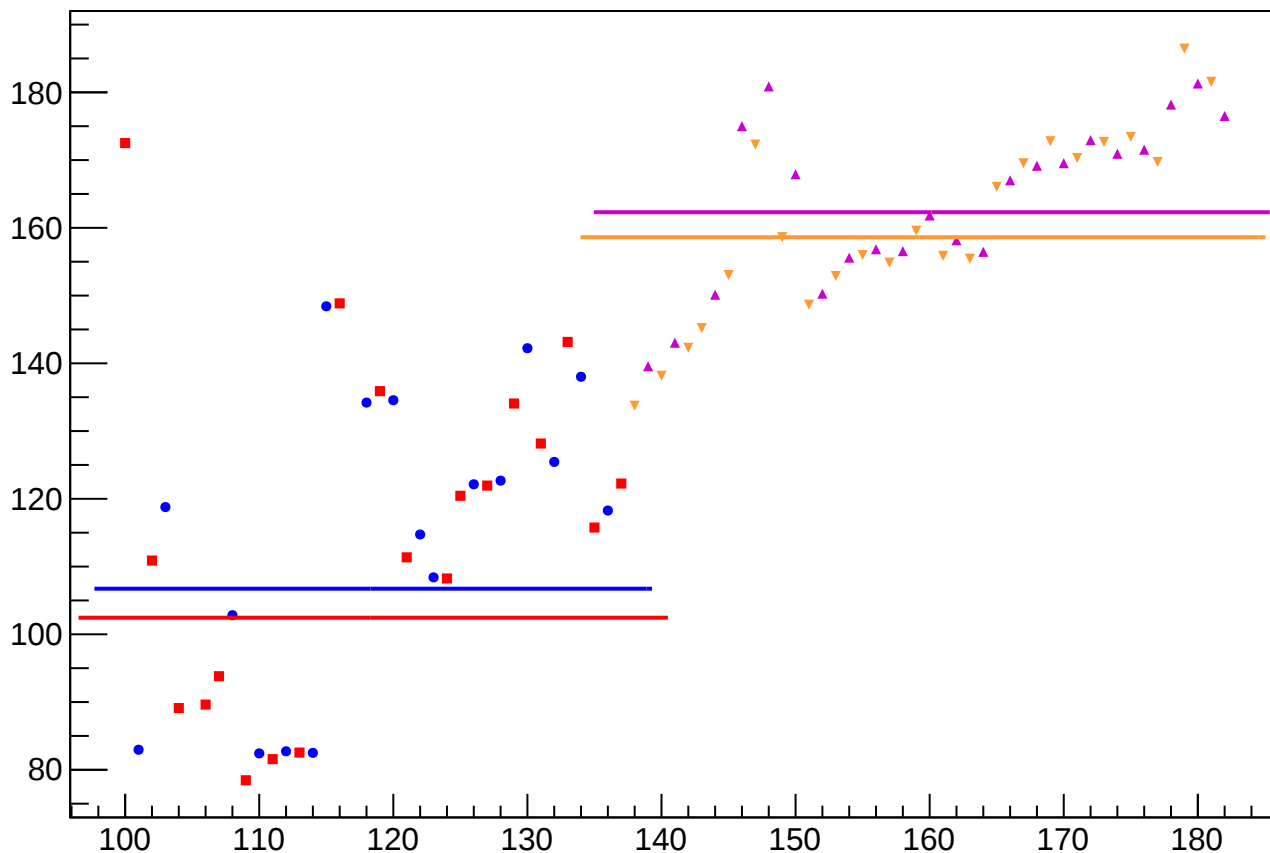
Left In: -299.802 ± 39.256 χ^2/NDF : 28.5/21

+ sign 146.899 ± 28.320 χ^2/NDF : 89.8/39

All: -8.493 ± 19.859 χ^2/NDF : 226.6/80

- sign -158.824 ± 27.855 χ^2/NDF : 77.6/40

reg_asym_sam6_rms vs Slug



Right In: 106.733 $\pm$ 0.030 χ^2 /NDF: 503149.3/16

Left Out: 158.612 $\pm$ 0.027 χ^2 /NDF: 248388.9/22

Right Out: 102.452 $\pm$ 0.028 χ^2 /NDF: 591027.5/18

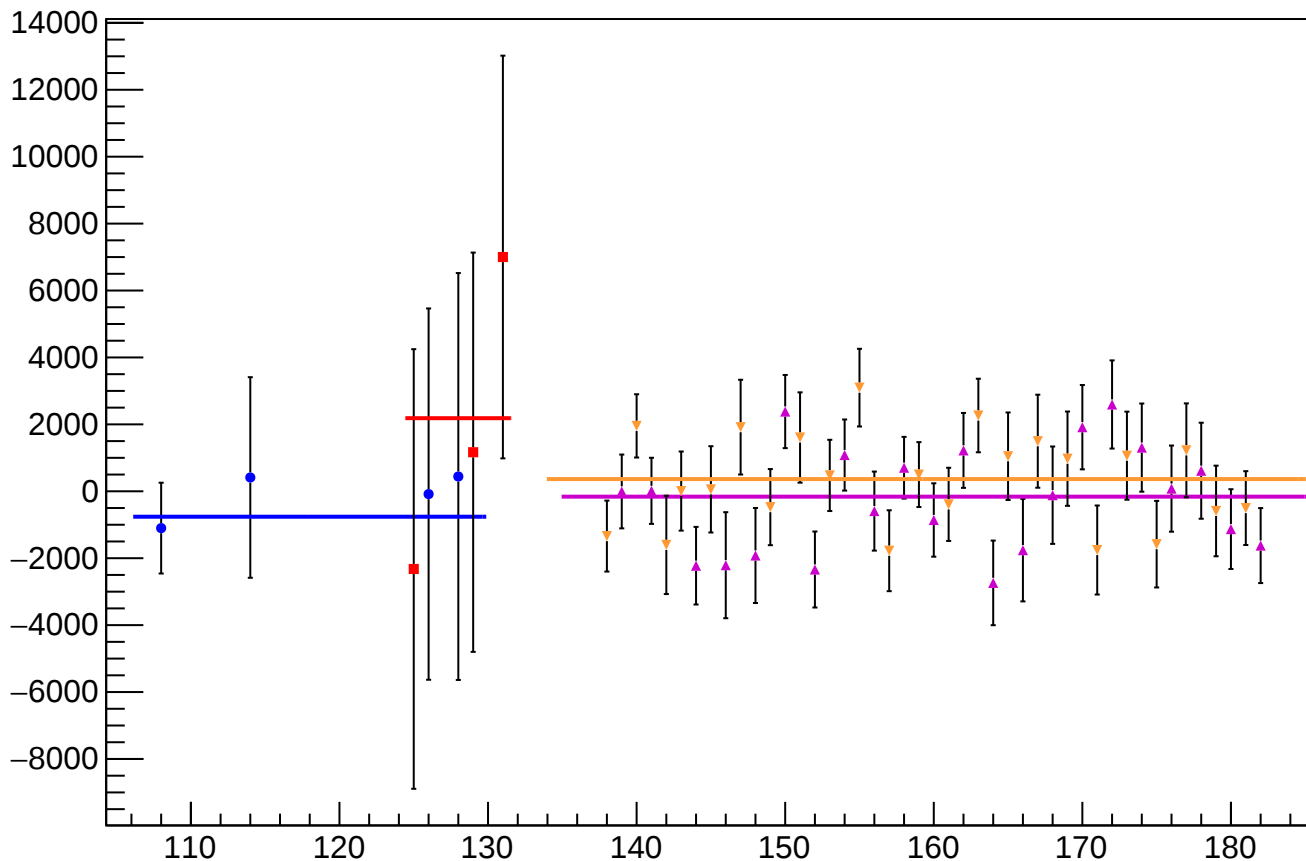
Left In: 162.307 $\pm$ 0.028 χ^2 /NDF: 190236.6/21

+ sign 135.397 $\pm$ 0.020 χ^2 /NDF: 2410872.1/39

All: 133.970 $\pm$ 0.014 χ^2 /NDF: 5510664.2/80

- sign 132.589 $\pm$ 0.020 χ^2 /NDF: 3089792.0/40

asym_sam6_correction_mean vs Slug



Right In: -760.095 $\pm$ 1183.340 χ^2/NDF : 0.3/3

Left Out: 365.087 $\pm$ 251.046 χ^2/NDF : 29.8/22

Right Out: 2184.893 $\pm$ 3560.609 χ^2/NDF : 1.1/2

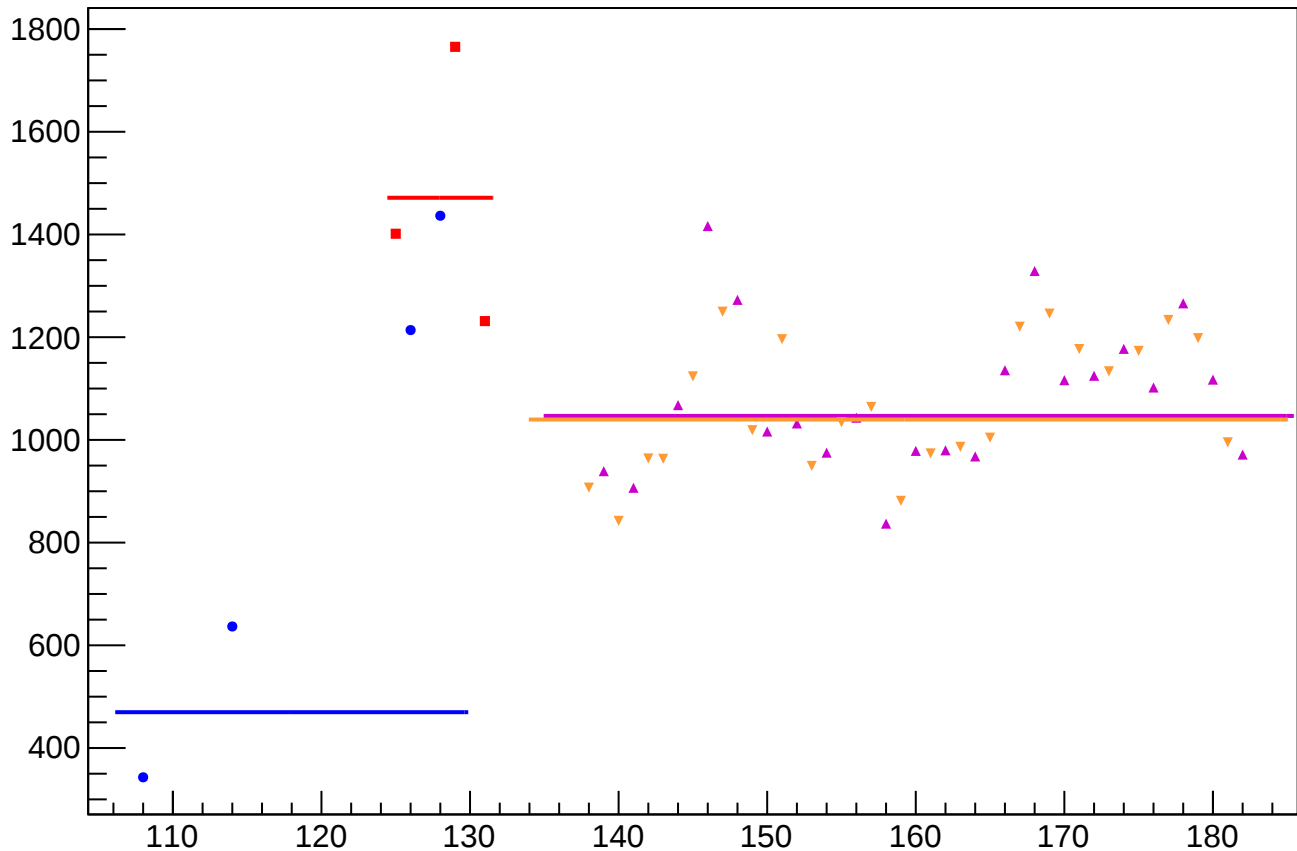
Left In: -160.461 $\pm$ 254.834 χ^2/NDF : 36.1/21

+ sign 316.626 $\pm$ 245.580 χ^2/NDF : 30.9/26

All: 92.064 $\pm$ 176.615 χ^2/NDF : 70.3/51

- sign -148.508 $\pm$ 254.184 χ^2/NDF : 37.7/24

asym_sam6_correction_rms vs Slug



Right In: 469.775 $\pm$ 0.837 χ^2/NDF : 110192.0/3

Left Out: 1039.607 $\pm$ 0.178 χ^2/NDF : 492451.9/22

Right Out: 1471.512 $\pm$ 2.518 χ^2/NDF : 8264.7/2

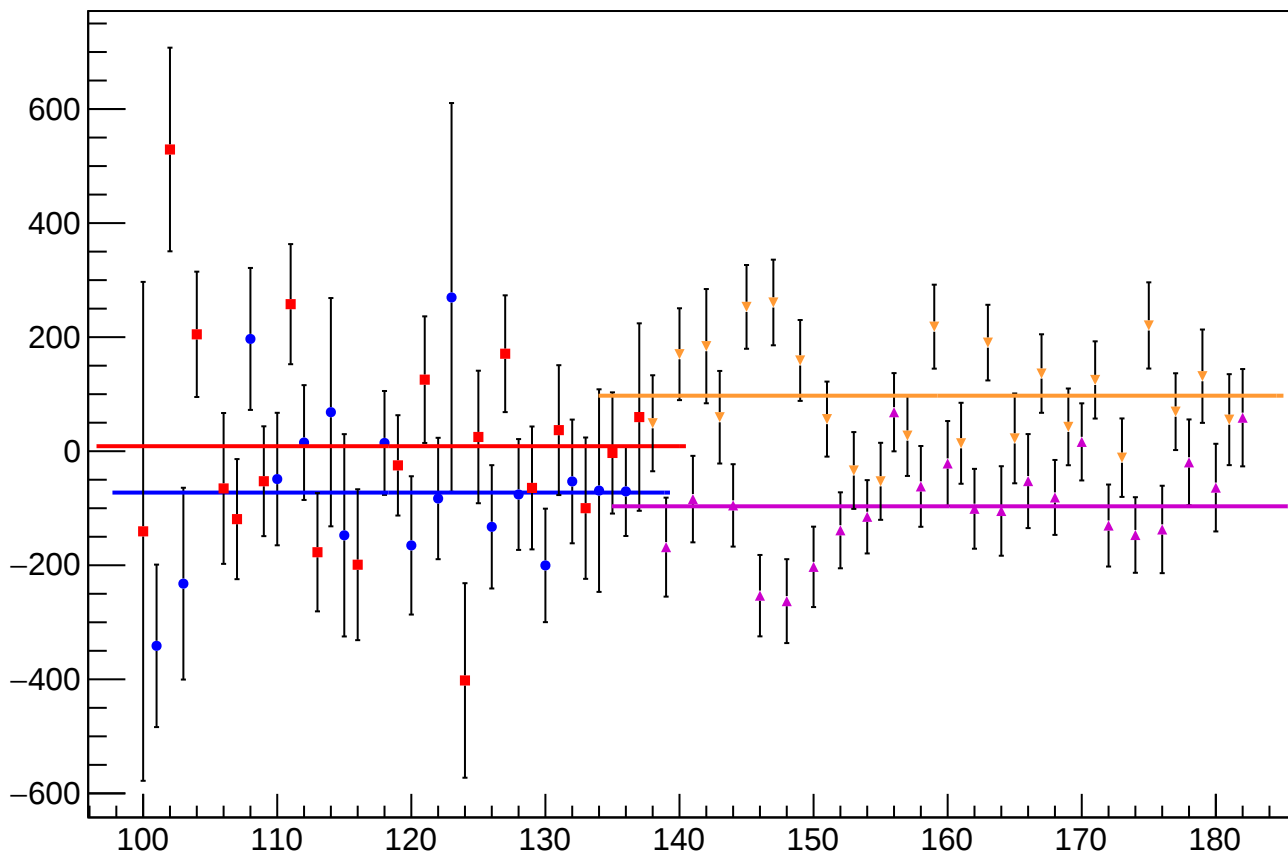
Left In: 1046.674 $\pm$ 0.180 χ^2/NDF : 537620.4/21

+ sign 1015.064 $\pm$ 0.174 χ^2/NDF : 1046441.0/26

All: 1031.371 $\pm$ 0.125 χ^2/NDF : 1638917.3/53

- sign 1048.839 $\pm$ 0.180 χ^2/NDF : 574212.6/24

reg_asym_sam7_mean vs Slug



Right In: -72.547 ± 28.434 χ^2/NDF : 15.1/16

Left Out: 97.365 ± 15.226 χ^2/NDF : 36.1/22

Right Out: 8.790 ± 26.889 χ^2/NDF : 36.2/18

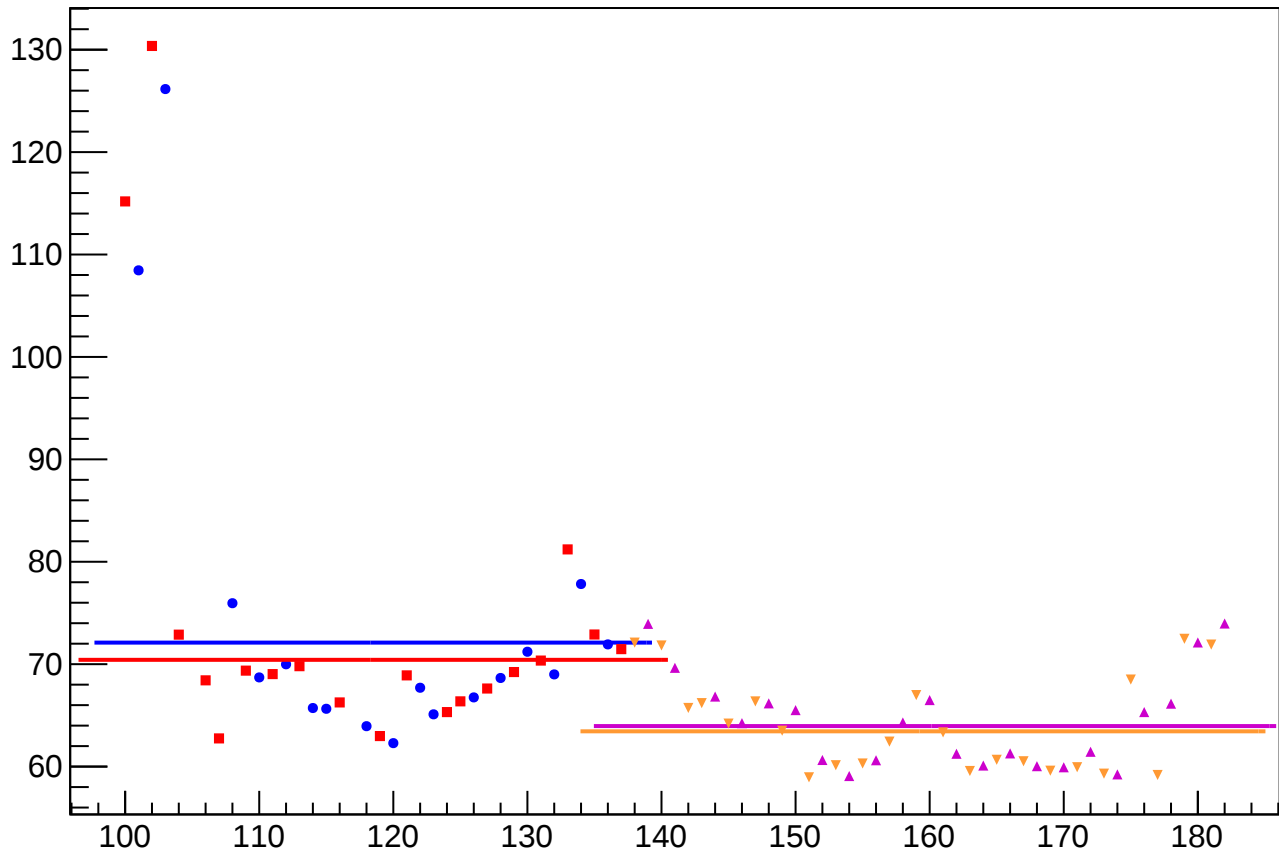
Left In: -96.598 ± 15.468 χ^2/NDF : 29.2/21

+ sign 59.504 ± 13.422 χ^2/NDF : 79.0/39

All: -5.515 ± 9.486 χ^2/NDF : 202.8/80

- sign -70.394 ± 13.408 χ^2/NDF : 77.0/40

reg_asym_sam7_rms vs Slug



Right In: 72.106+/-0.020 χ^2/NDF : 390789.8/16

Left Out: 63.444+/-0.011 χ^2/NDF : 168852.6/22

Right Out: 70.425+/-0.019 χ^2/NDF : 298038.7/18

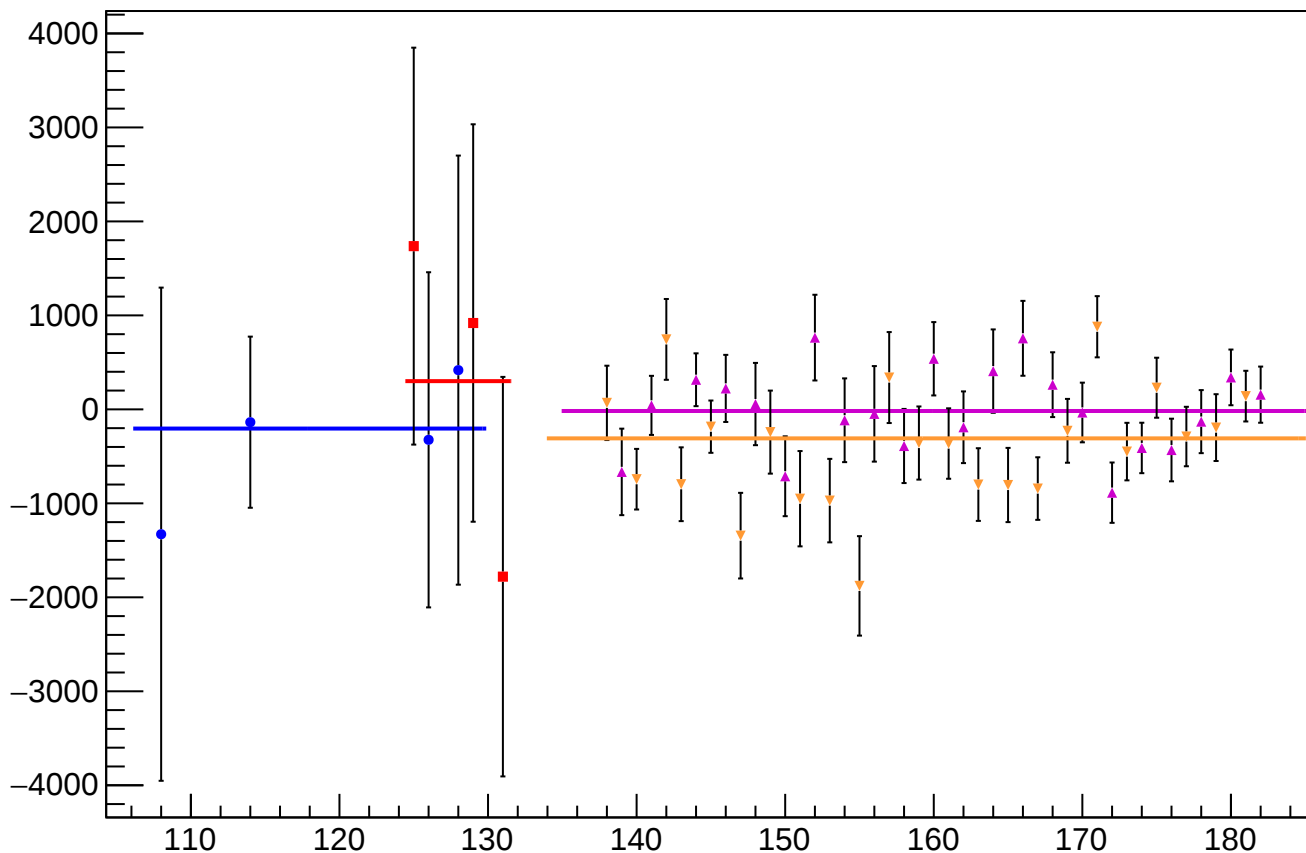
Left In: 63.956+/-0.011 χ^2/NDF : 156400.0/21

+ sign 65.374+/-0.009 χ^2/NDF : 703909.7/39

All: 65.469+/-0.007 χ^2/NDF : 1245504.2/80

- sign 65.565+/-0.009 χ^2/NDF : 541392.4/40

asym_sam7_correction_mean vs Slug



Right In: -204.257+/-733.668 χ^2/NDF : 0.3/3

Left Out: -308.691+/-75.885 χ^2/NDF : 55.2/22

Right Out: 300.330+/-1222.458 χ^2/NDF : 1.5/2

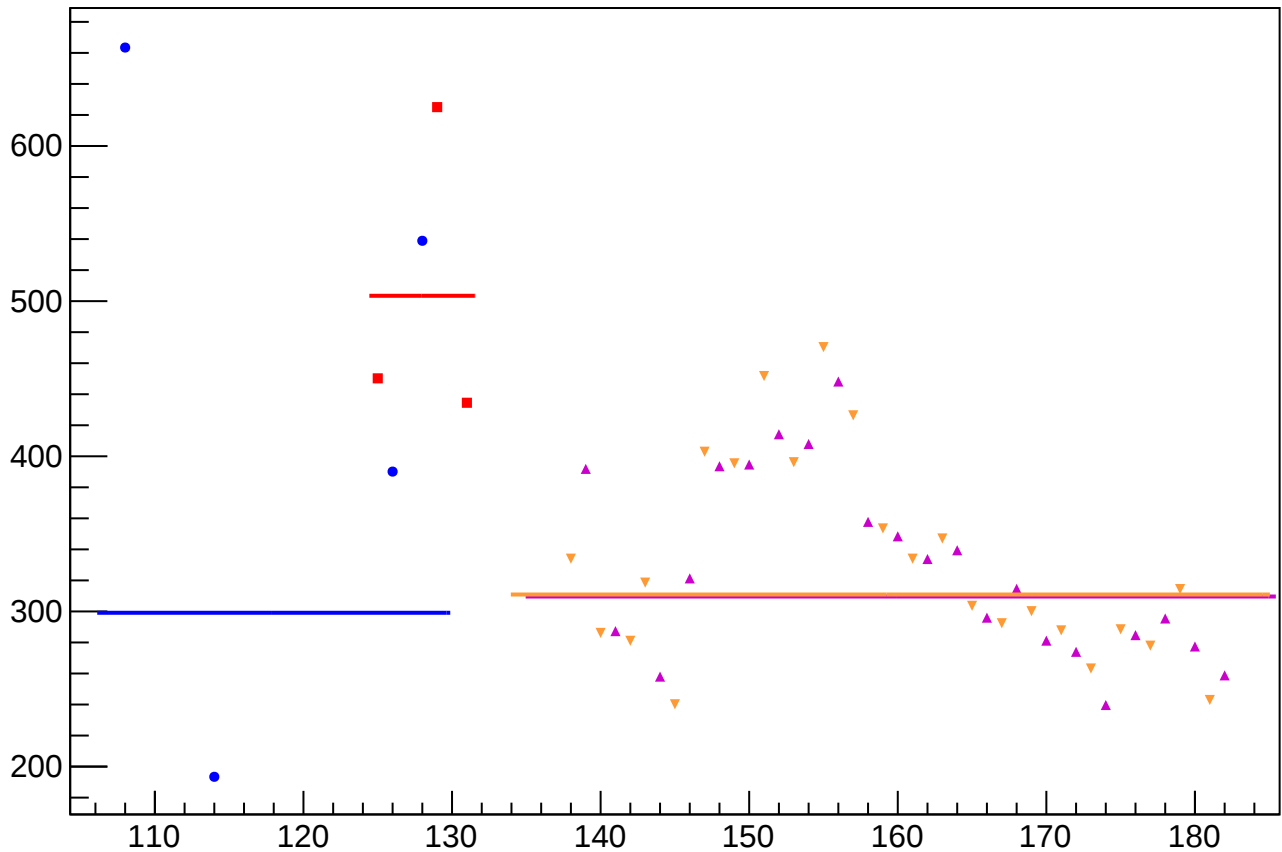
Left In: -17.389+/-75.929 χ^2/NDF : 31.0/21

+ sign -307.585+/-75.482 χ^2/NDF : 55.5/26

All: -162.456+/-53.480 χ^2/NDF : 95.4/51

- sign -16.168+/-75.783 χ^2/NDF : 32.5/24

asym_sam7_correction_rms vs Slug



Right In: 299.143+/-0.519 χ^2/NDF : 92782.9/3

Left Out: 310.910+/-0.054 χ^2/NDF : 1112119.3/22

Right Out: 503.459+/-0.864 χ^2/NDF : 9987.6/2

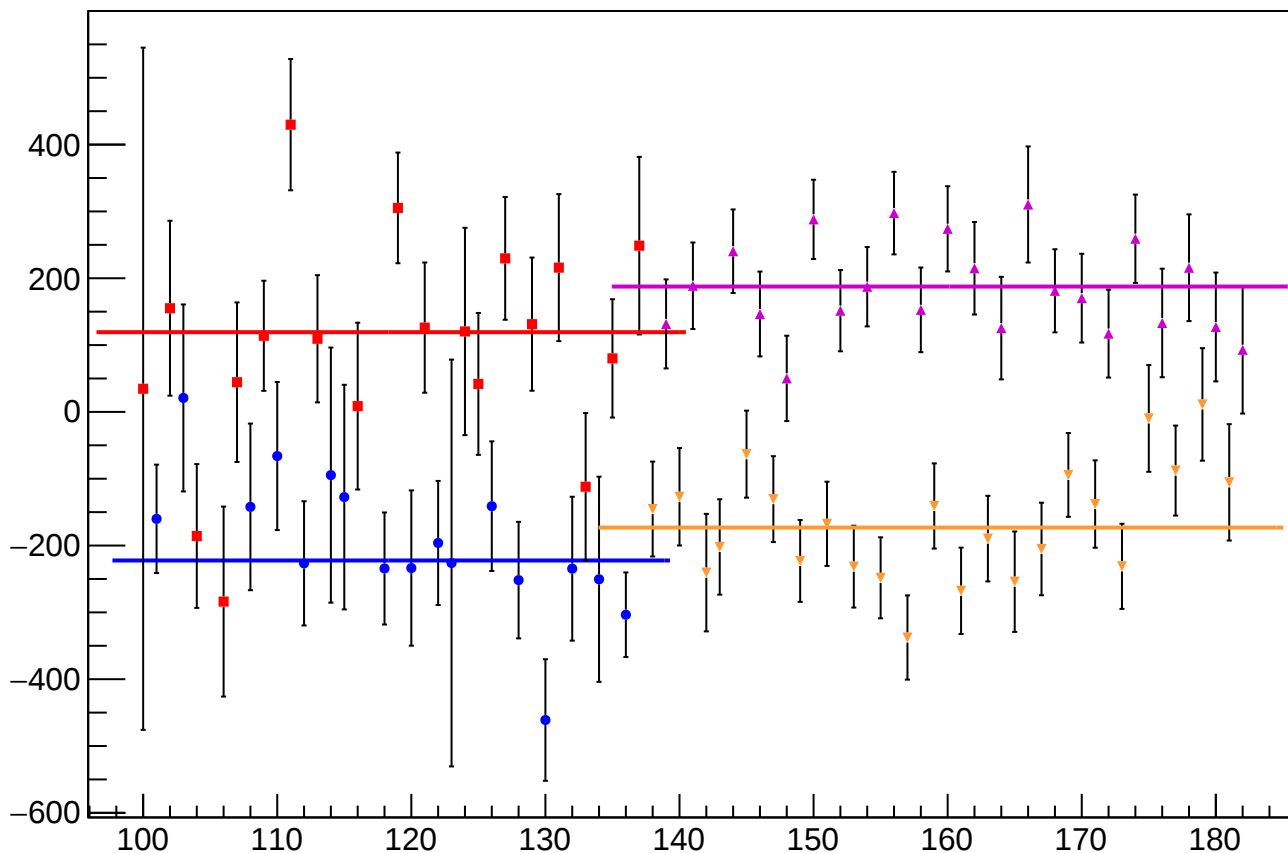
Left In: 309.614+/-0.054 χ^2/NDF : 990591.7/21

+ sign 310.785+/-0.053 χ^2/NDF : 1205411.3/26

All: 310.573+/-0.038 χ^2/NDF : 2256117.5/51

- sign 310.359+/-0.054 χ^2/NDF : 1050674.5/24

reg_asym_sam8_mean vs Slug



Right In: -222.347 ± 24.941 χ^2/NDF : 16.3/16

Left Out: -173.065 ± 14.143 χ^2/NDF : 32.3/22

Right Out: 119.313 ± 24.666 χ^2/NDF : 40.7/18

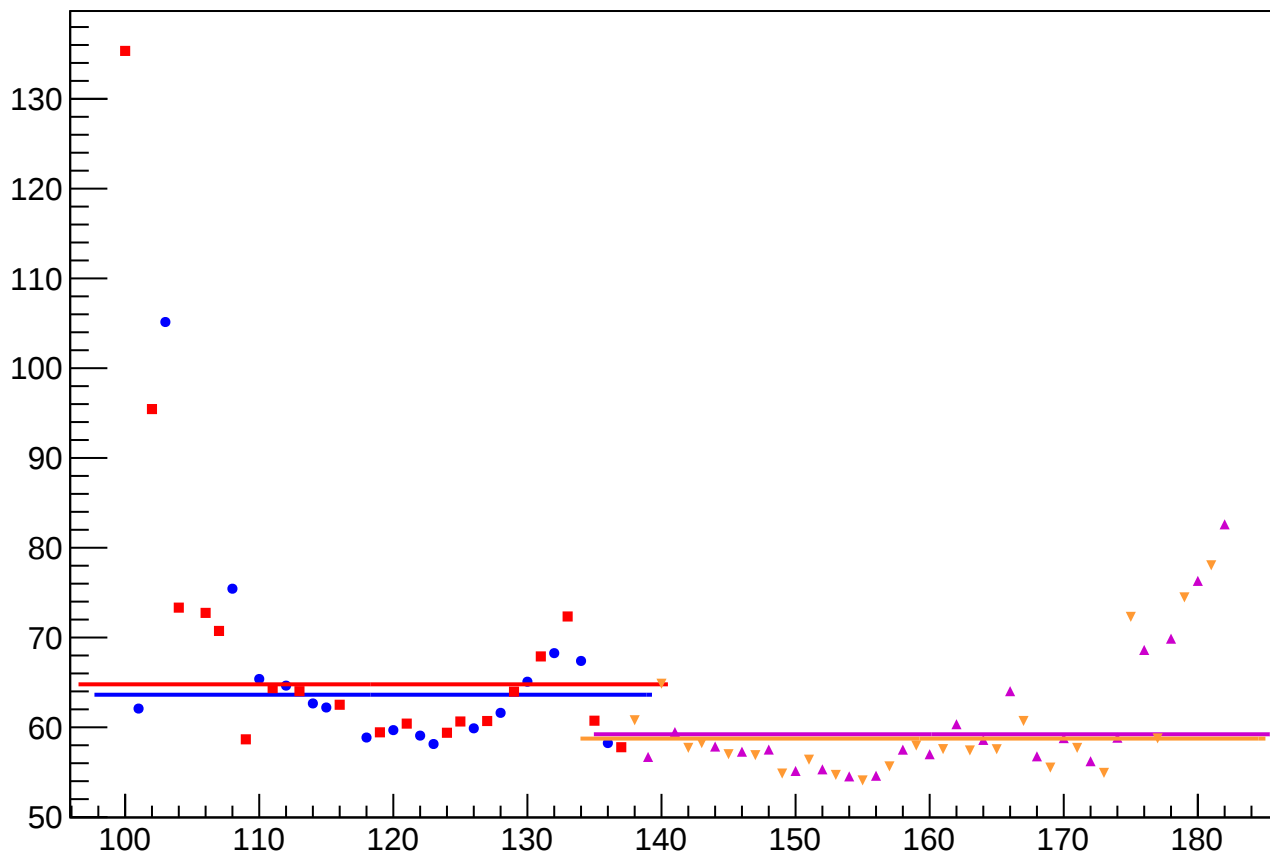
Left In: 187.586 ± 14.383 χ^2/NDF : 22.3/21

+ sign -185.056 ± 12.303 χ^2/NDF : 51.5/39

All: -9.151 ± 8.742 χ^2/NDF : 533.2/80

- sign 170.263 ± 12.425 χ^2/NDF : 68.8/40

reg_asym_sam8_rms vs Slug



Right In: 63.629 $\pm$ 0.018 χ^2 /NDF: 233899.4/16

Left Out: 58.744 $\pm$ 0.010 χ^2 /NDF: 298065.1/22

Right Out: 64.787 $\pm$ 0.017 χ^2 /NDF: 226379.1/18

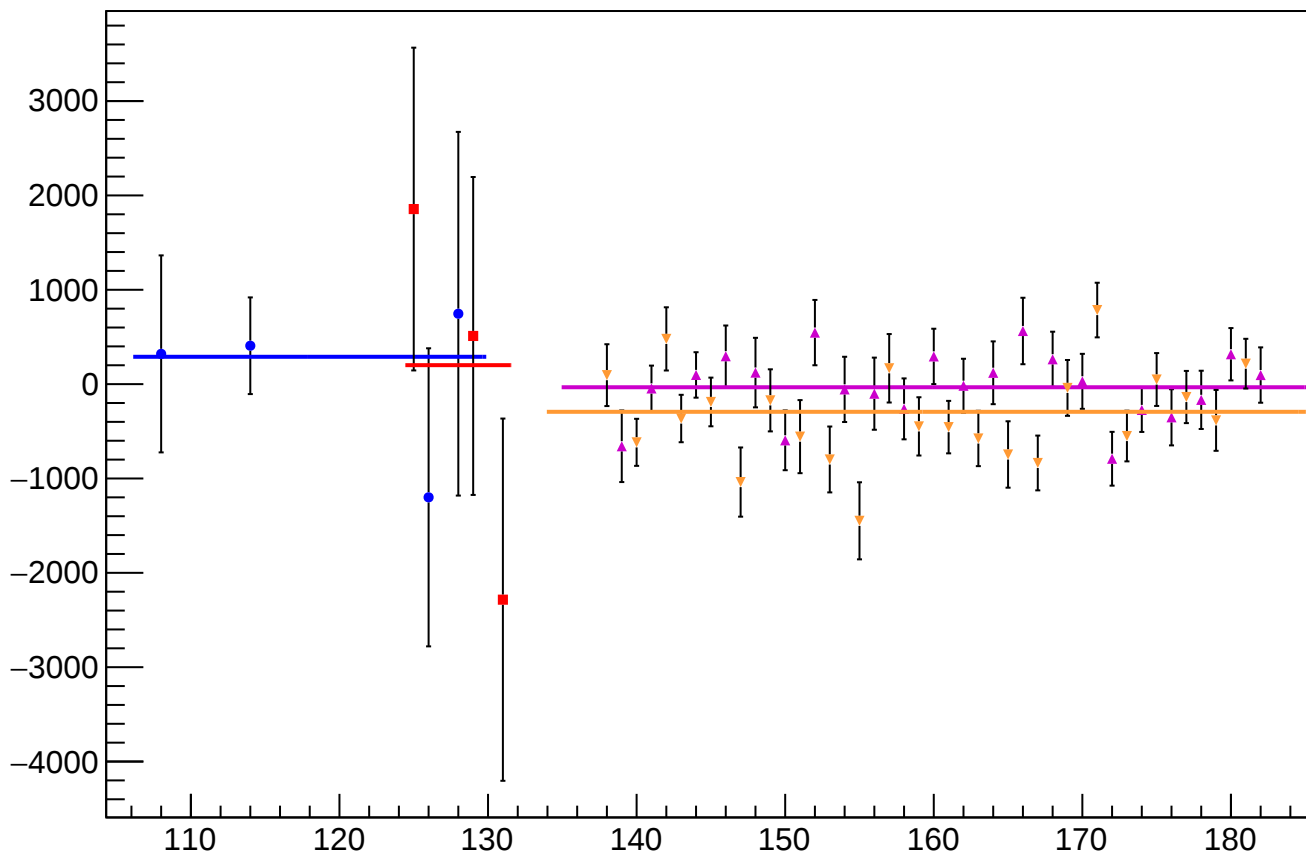
Left In: 59.224 $\pm$ 0.010 χ^2 /NDF: 337091.2/21

+ sign 59.932 $\pm$ 0.009 χ^2 /NDF: 590015.8/39

All: 60.281 $\pm$ 0.006 χ^2 /NDF: 1232647.6/80

- sign 60.636 $\pm$ 0.009 χ^2 /NDF: 639396.7/40

asym_sam8_correction_mean vs Slug



Right In: 289.832 $\pm$ 430.437 χ^2 /NDF: 1.0/3

Left Out: -293.296 $\pm$ 62.952 χ^2 /NDF:52.9/22

Right Out: 201.085 $\pm$ 1017.740 χ^2 /NDF: 2.6/2

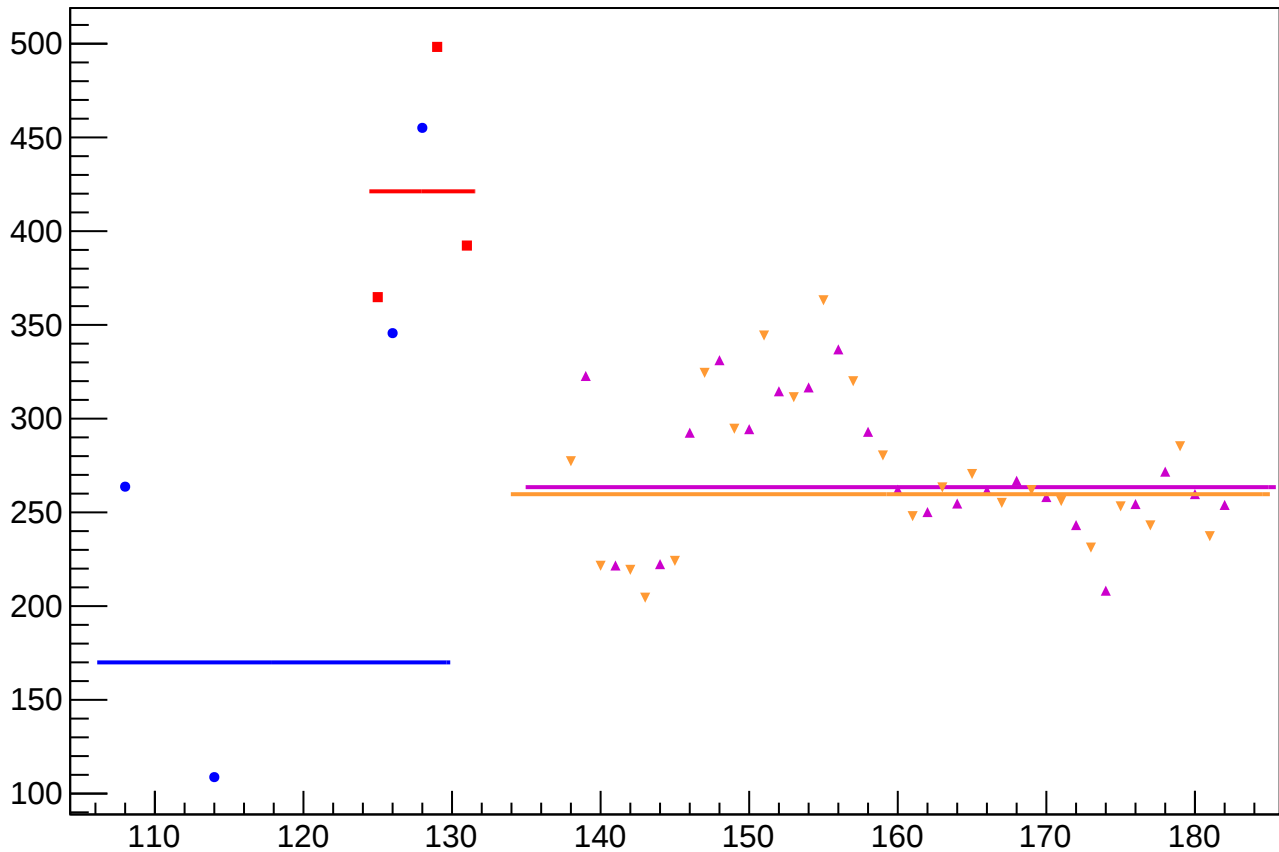
Left In: -33.066 $\pm$ 64.194 χ^2 /NDF:27.4/21

+ sign -281.085 $\pm$ 62.289 χ^2 /NDF: 55.7/26

All: -160.113 $\pm$ 44.660 χ^2 /NDF: 93.5/51

- sign -32.138 $\pm$ 64.067 χ^2 /NDF: 30.0/24

asym_sam8_correction_rms vs Slug



Right In: 169.977 $\pm$ 0.304 χ^2/NDF : 113149.8/3

Left Out: 259.694 $\pm$ 0.045 χ^2/NDF : 697461.7/22

Right Out: 421.246 $\pm$ 0.720 χ^2/NDF : 6812.8/2

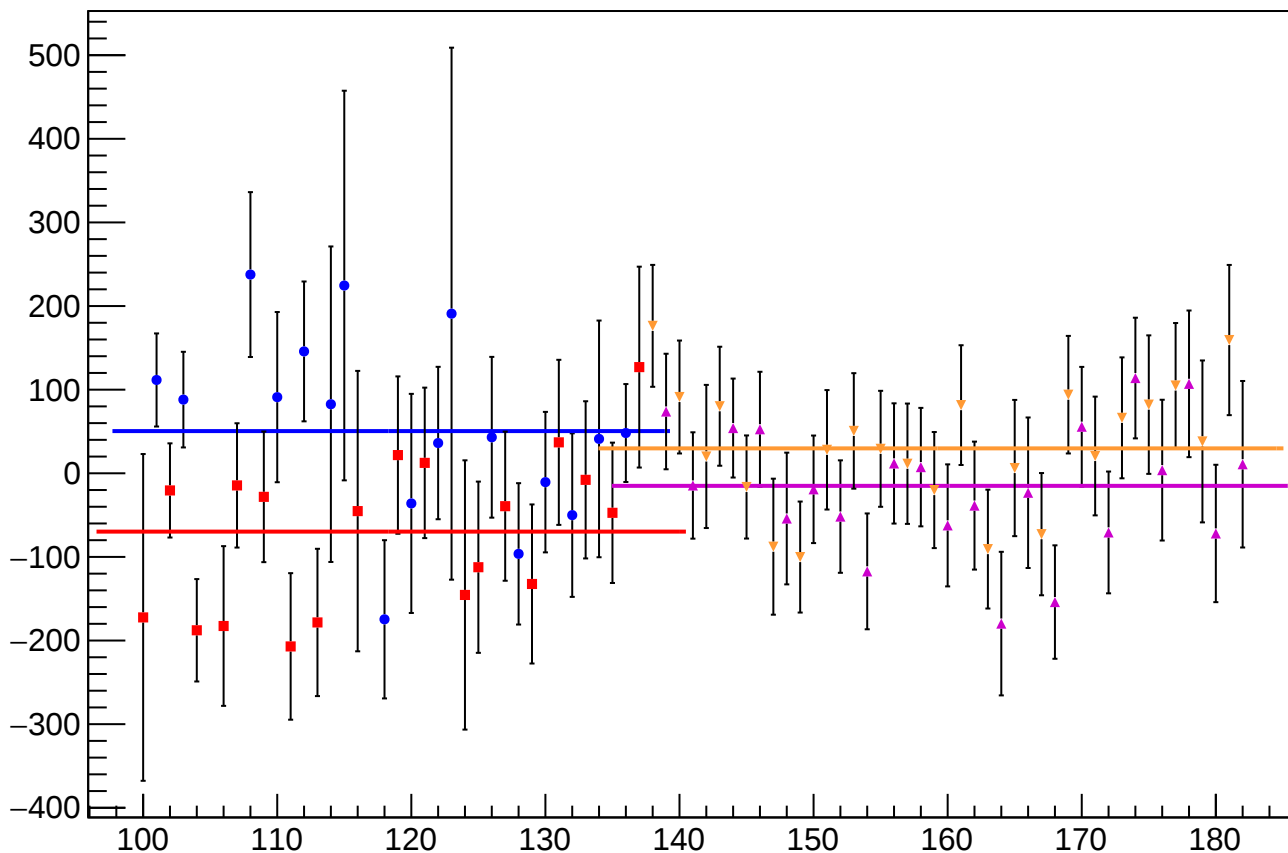
Left In: 263.456 $\pm$ 0.045 χ^2/NDF : 585499.5/21

+ sign 257.815 $\pm$ 0.044 χ^2/NDF : 895680.3/26

All: 260.860 $\pm$ 0.032 χ^2/NDF : 1545711.0/51

- sign 264.081 $\pm$ 0.045 χ^2/NDF : 640196.0/24

reg_asym_sam_15_avg_mean vs Slug



Right In: 50.467 ± 21.547 $\chi^2/\text{NDF}: 18.2/16$

Left Out: 29.800 ± 15.293 $\chi^2/\text{NDF}: 22.6/22$

Right Out: -69.739 ± 20.448 $\chi^2/\text{NDF}: 18.1/18$

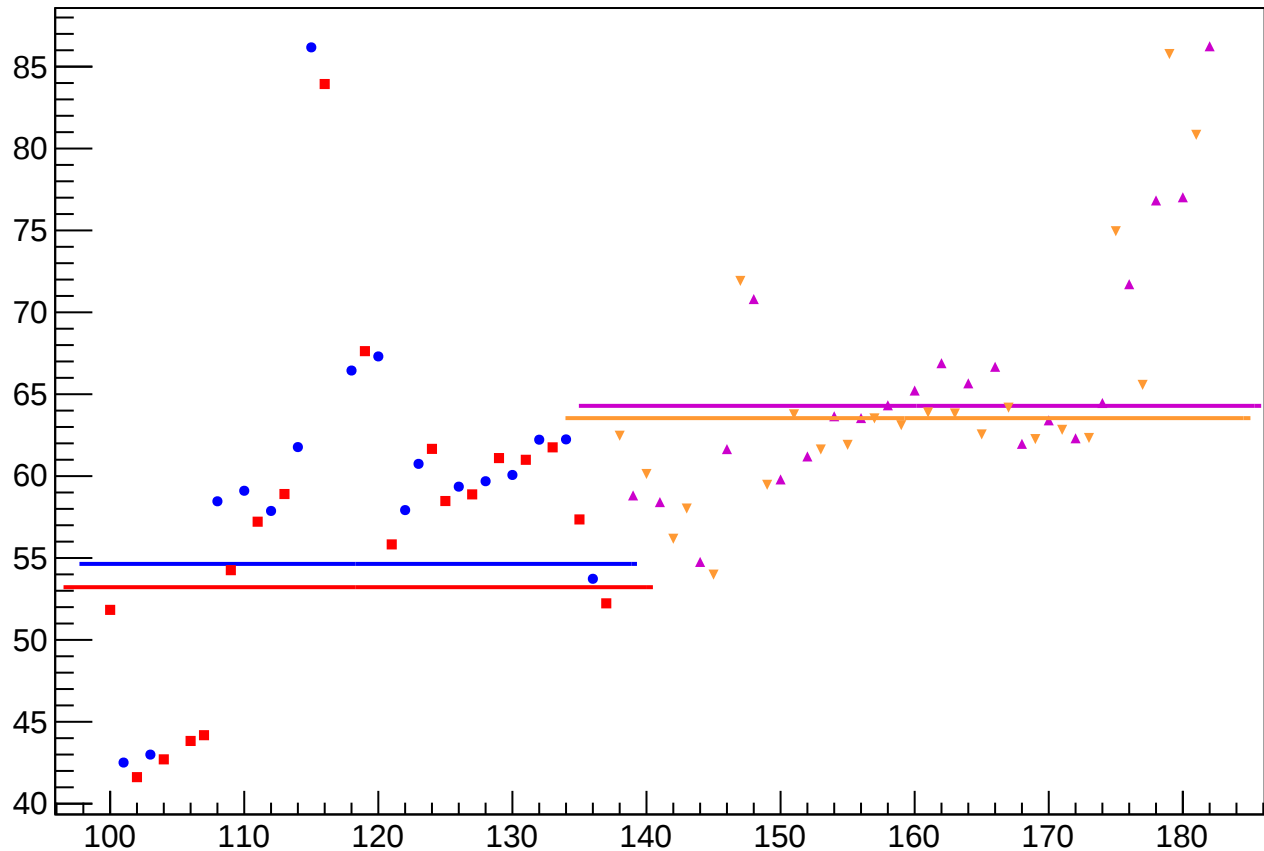
Left In: -15.014 ± 15.596 $\chi^2/\text{NDF}: 22.6/21$

+ sign 36.723 ± 12.471 $\chi^2/\text{NDF}: 41.4/39$

All: 0.588 ± 8.793 $\chi^2/\text{NDF}: 103.4/80$

- sign -35.141 ± 12.401 $\chi^2/\text{NDF}: 45.2/40$

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.640 $\pm$ 0.015 χ^2 /NDF: 318989.1/16

Left Out: 63.540 $\pm$ 0.011 χ^2 /NDF: 332922.4/22

Right Out: 53.218 $\pm$ 0.014 χ^2 /NDF: 387904.0/18

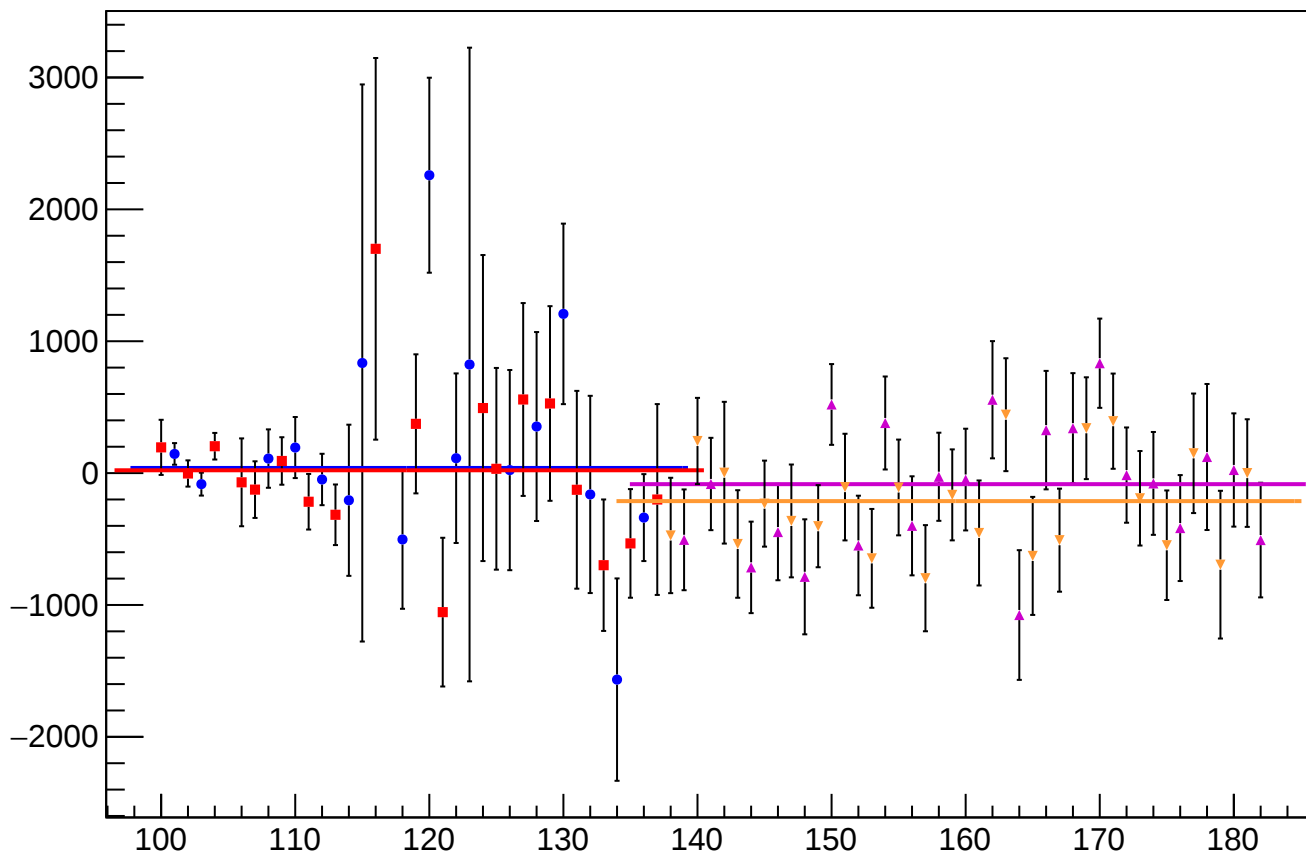
Left In: 64.290 $\pm$ 0.011 χ^2 /NDF: 323005.4/21

+ sign 60.559 $\pm$ 0.009 χ^2 /NDF: 878806.3/39

All: 60.387 $\pm$ 0.006 χ^2 /NDF: 1961152.5/80

- sign 60.218 $\pm$ 0.009 χ^2 /NDF: 1081596.2/40

asym_sam_15_avg_correction_mean vs Slug



Right In: 39.017 $\pm$ 51.561 χ^2 /NDF: 23.8/16

Left Out: -212.457 $\pm$ 81.658 χ^2 /NDF:18.5/22

Right Out: 21.418 $\pm$ 53.288 χ^2 /NDF: 18.8/18

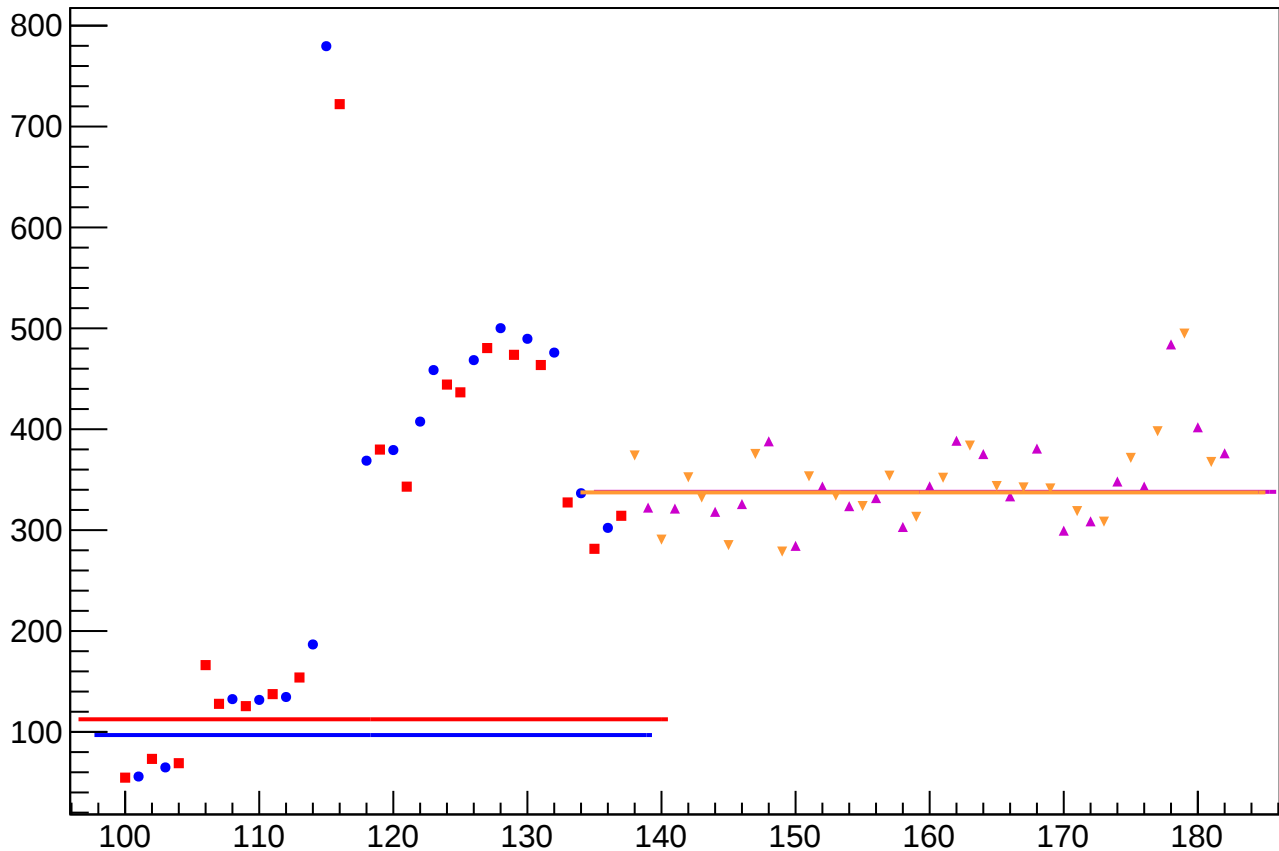
Left In: -83.849 $\pm$ 82.314 χ^2 /NDF:33.2/21

+ sign -32.666 $\pm$ 43.597 χ^2 /NDF: 49.1/39

All: -21.464 $\pm$ 31.222 χ^2 /NDF: 102.4/80

- sign -9.670 $\pm$ 44.733 χ^2 /NDF: 53.2/40

asym_sam_15_avg_correction_rms vs Slug



Right In: 96.900+/-0.036 χ^2/NDF : 5800378.0/16

Left Out: 337.392+/-0.058 χ^2/NDF : 477877.5/22

Right Out: 112.520+/-0.038 χ^2/NDF : 5015761.7/18

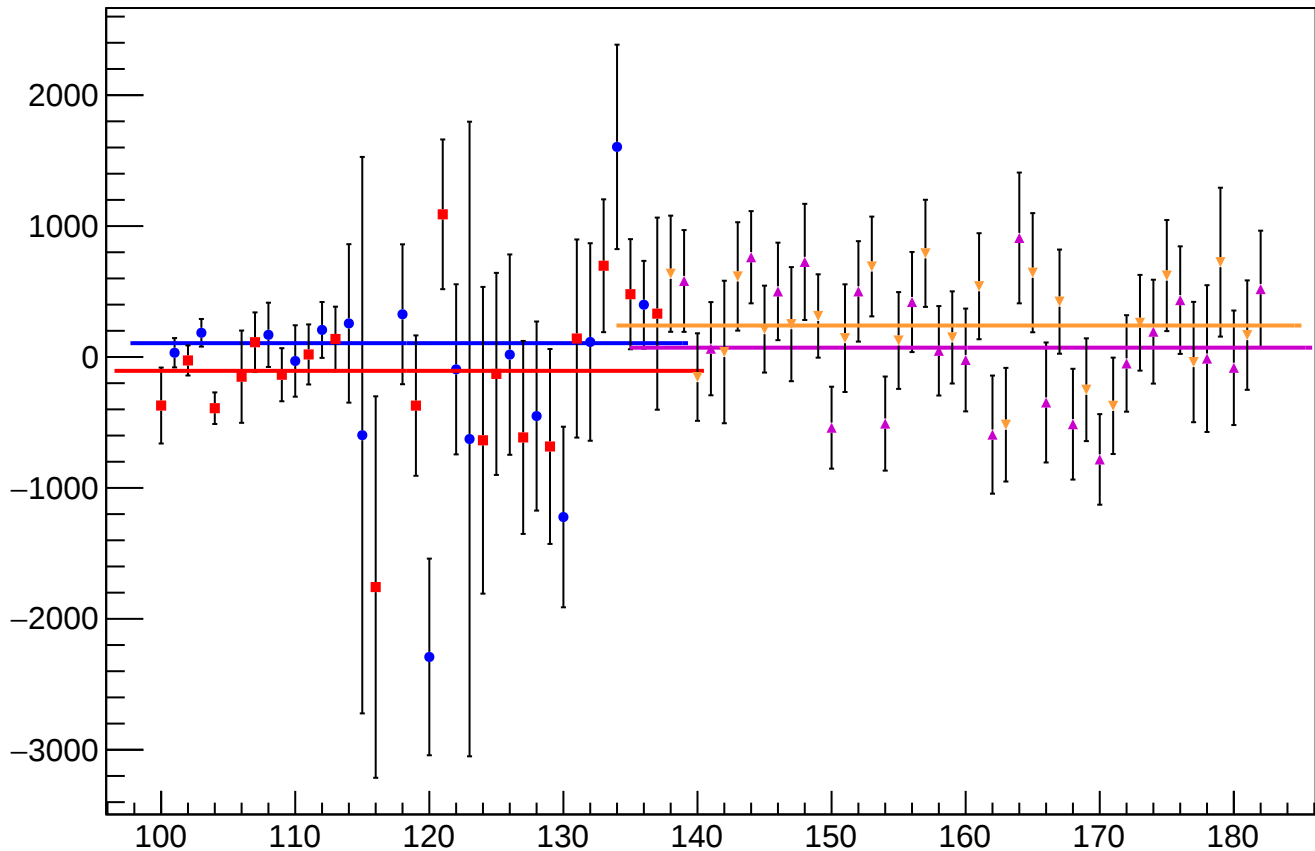
Left In: 337.963+/-0.058 χ^2/NDF : 428982.1/21

+ sign 165.452+/-0.031 χ^2/NDF : 18680813.1/39

All: 172.100+/-0.022 χ^2/NDF : 34792706.9/80

- sign 179.099+/-0.032 χ^2/NDF : 16016433.0/40

asym_sam_15_avg_mean vs Slug



Right In: 105.662 ± 63.187 χ^2/NDF : 21.0/16

Left Out: 240.494 ± 83.151 χ^2/NDF : 17.5/22

Right Out: -105.735 ± 60.878 χ^2/NDF : 21.2/18

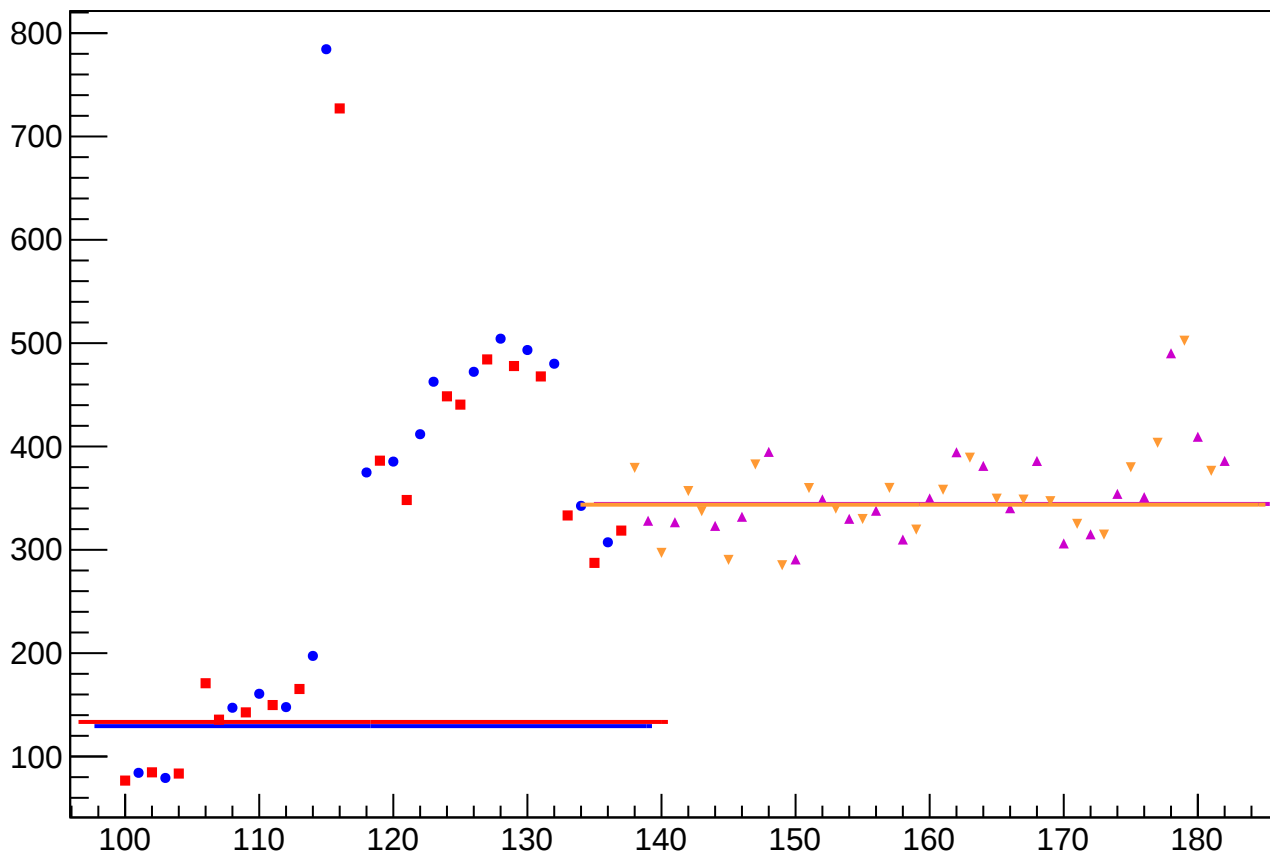
Left In: 71.230 ± 83.853 χ^2/NDF : 33.6/21

+ sign 155.019 ± 50.309 χ^2/NDF : 40.2/39

All: 53.086 ± 35.199 χ^2/NDF : 106.0/80

- sign -44.654 ± 49.264 χ^2/NDF : 57.7/40

asym_sam_15_avg_rms vs Slug



Right In: 129.376+/-0.045 χ^2/NDF : 4758533.8/16

Left Out: 343.700+/-0.059 χ^2/NDF : 467092.7/22

Right Out: 133.433+/-0.043 χ^2/NDF : 4349255.7/18

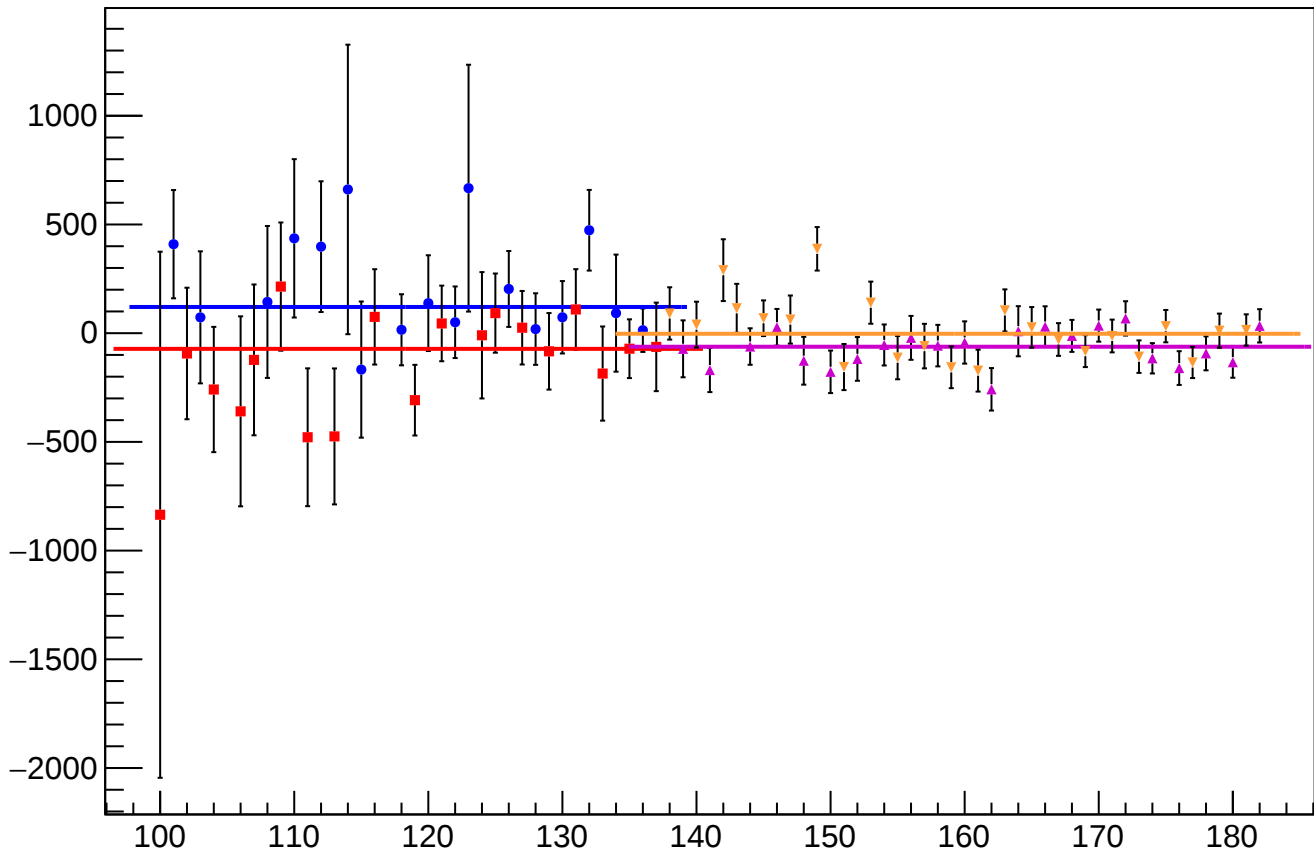
Left In: 344.396+/-0.059 χ^2/NDF : 418100.6/21

+ sign 207.833+/-0.036 χ^2/NDF : 13648825.9/39

All: 207.024+/-0.025 χ^2/NDF : 26706966.9/80

- sign 206.249+/-0.035 χ^2/NDF : 13057128.2/40

reg_asym_sam_26_avg_mean vs Slug



Right In: 120.594 $\pm$ 49.201 χ^2 /NDF: 11.5/16

Left Out: -2.636 $\pm$ 18.583 χ^2 /NDF: 42.3/22

Right Out: -72.023 $\pm$ 50.051 χ^2 /NDF: 11.0/18

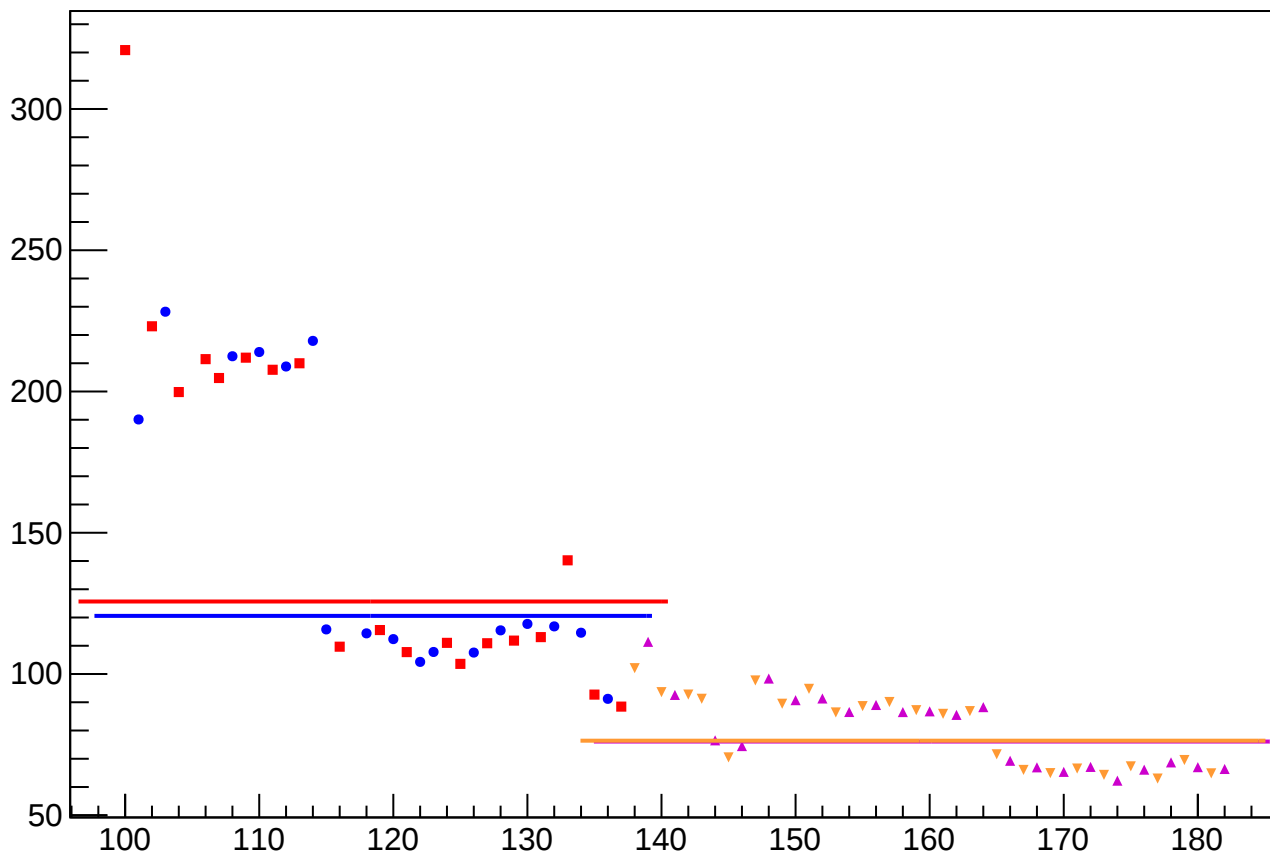
Left In: -62.334 $\pm$ 18.646 χ^2 /NDF: 19.7/21

+ sign 12.749 $\pm$ 17.384 χ^2 /NDF: 59.2/39

All: -25.189 $\pm$ 12.324 χ^2 /NDF: 99.5/80

- sign -63.515 $\pm$ 17.473 χ^2 /NDF: 30.7/40

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.576 $\pm$ 0.035 χ^2 /NDF: 1107352.4/16

Left Out: 76.398 $\pm$ 0.013 χ^2 /NDF: 884922.5/22

Right Out: 125.666 $\pm$ 0.035 χ^2 /NDF: 1329602.0/18

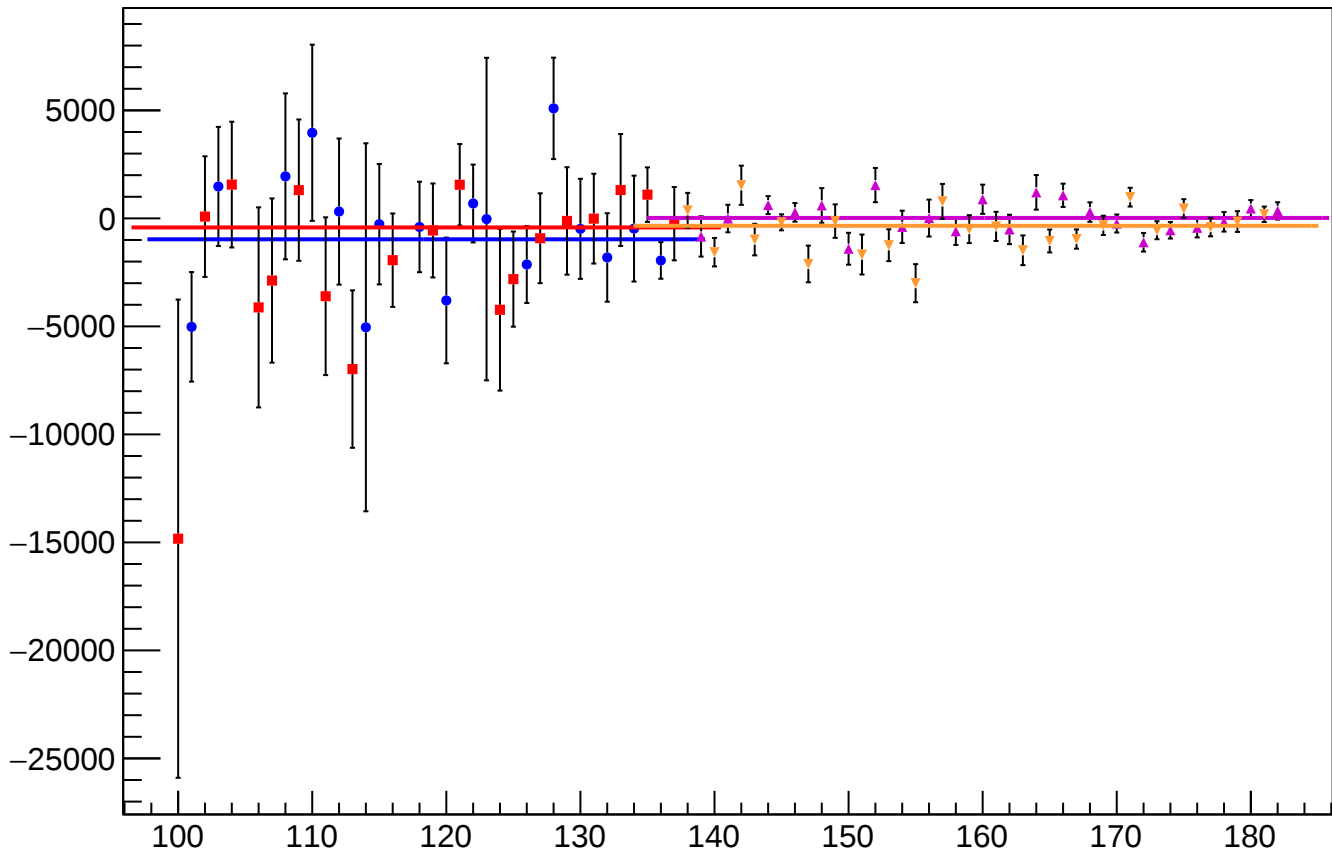
Left In: 76.091 $\pm$ 0.013 χ^2 /NDF: 822423.4/21

+ sign 81.913 $\pm$ 0.012 χ^2 /NDF: 3403468.0/39

All: 82.023 $\pm$ 0.009 χ^2 /NDF: 7278642.8/80

- sign 82.133 $\pm$ 0.012 χ^2 /NDF: 3875015.9/40

asym_sam_26_avg_correction_mean vs Slug



Right In: -968.648 ± 513.413 χ^2/NDF : 16.4/16

Left Out: -343.415 ± 113.636 χ^2/NDF : 50.2/22

Right Out: -419.047 ± 546.790 χ^2/NDF : 13.3/18

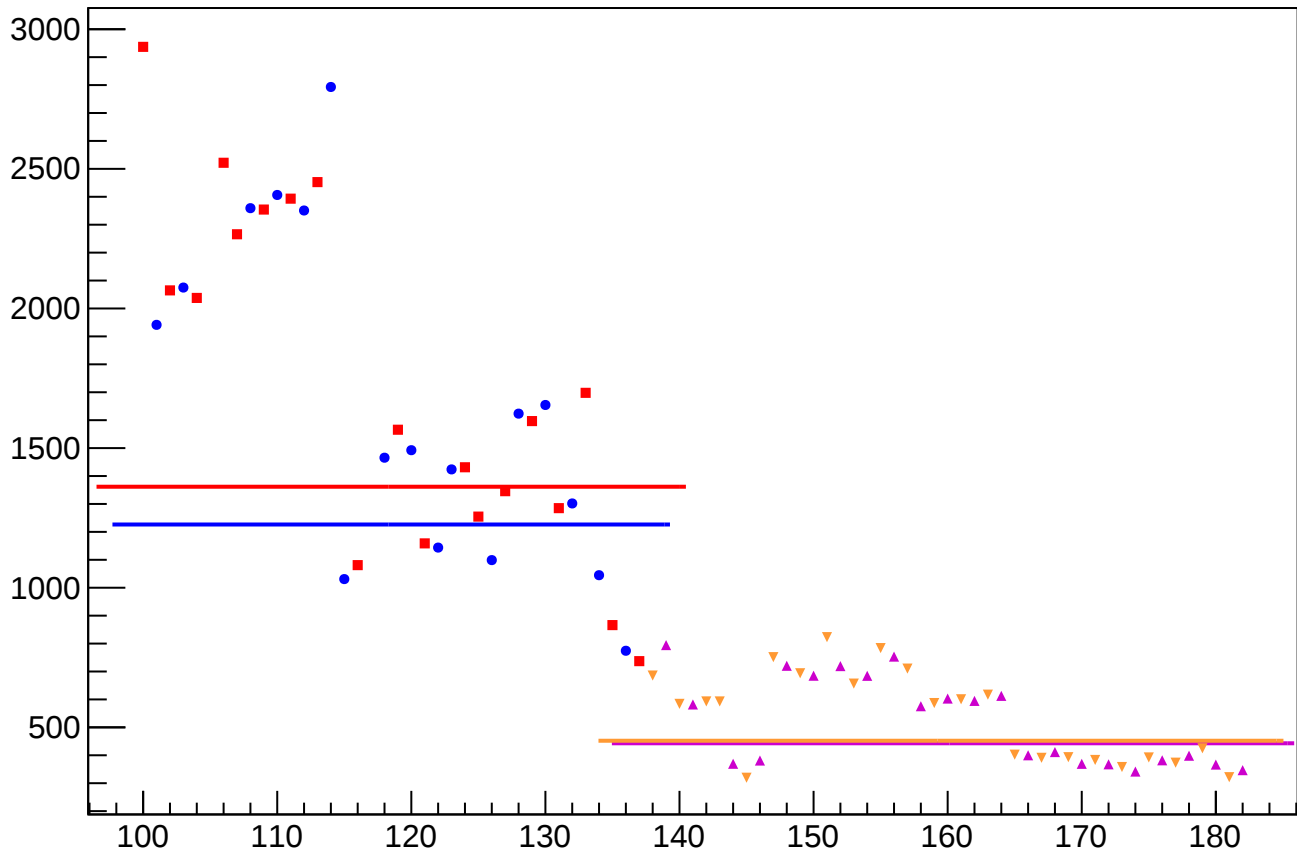
Left In: 20.657 ± 111.693 χ^2/NDF : 33.5/21

+ sign -372.614 ± 110.950 χ^2/NDF : 68.0/39

All: -182.198 ± 77.912 χ^2/NDF : 121.3/80

- sign 3.045 ± 109.433 χ^2/NDF : 47.5/40

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.408 $\pm$ 0.363 χ^2/NDF : 1754373.1/16

Left Out: 452.045 $\pm$ 0.080 χ^2/NDF : 2949608.7/22

Right Out: 1361.687 $\pm$ 0.387 χ^2/NDF : 1749515.8/18

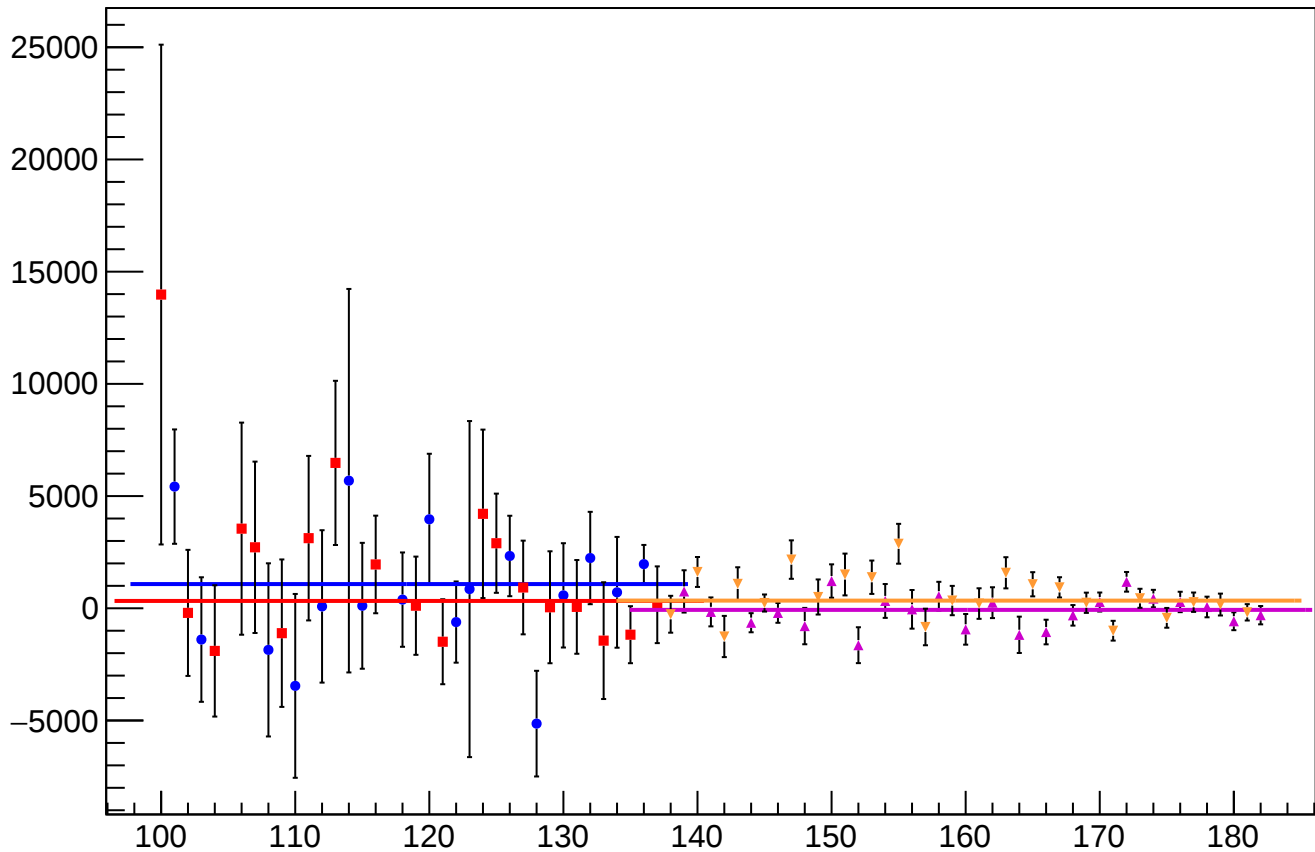
Left In: 442.938 $\pm$ 0.079 χ^2/NDF : 2573736.2/21

+ sign 488.208 $\pm$ 0.078 χ^2/NDF : 9041228.1/39

All: 483.915 $\pm$ 0.055 χ^2/NDF : 18790764.3/80

- sign 479.738 $\pm$ 0.077 χ^2/NDF : 9743627.4/40

asym_sam_26_avg_mean vs Slug



Right In: 1078.872 $\pm$ 516.347 χ^2 /NDF: 16.9/16

Left Out: 341.861 $\pm$ 115.333 χ^2 /NDF: 48.0/22

Right Out: 327.027 $\pm$ 549.623 χ^2 /NDF: 12.5/18

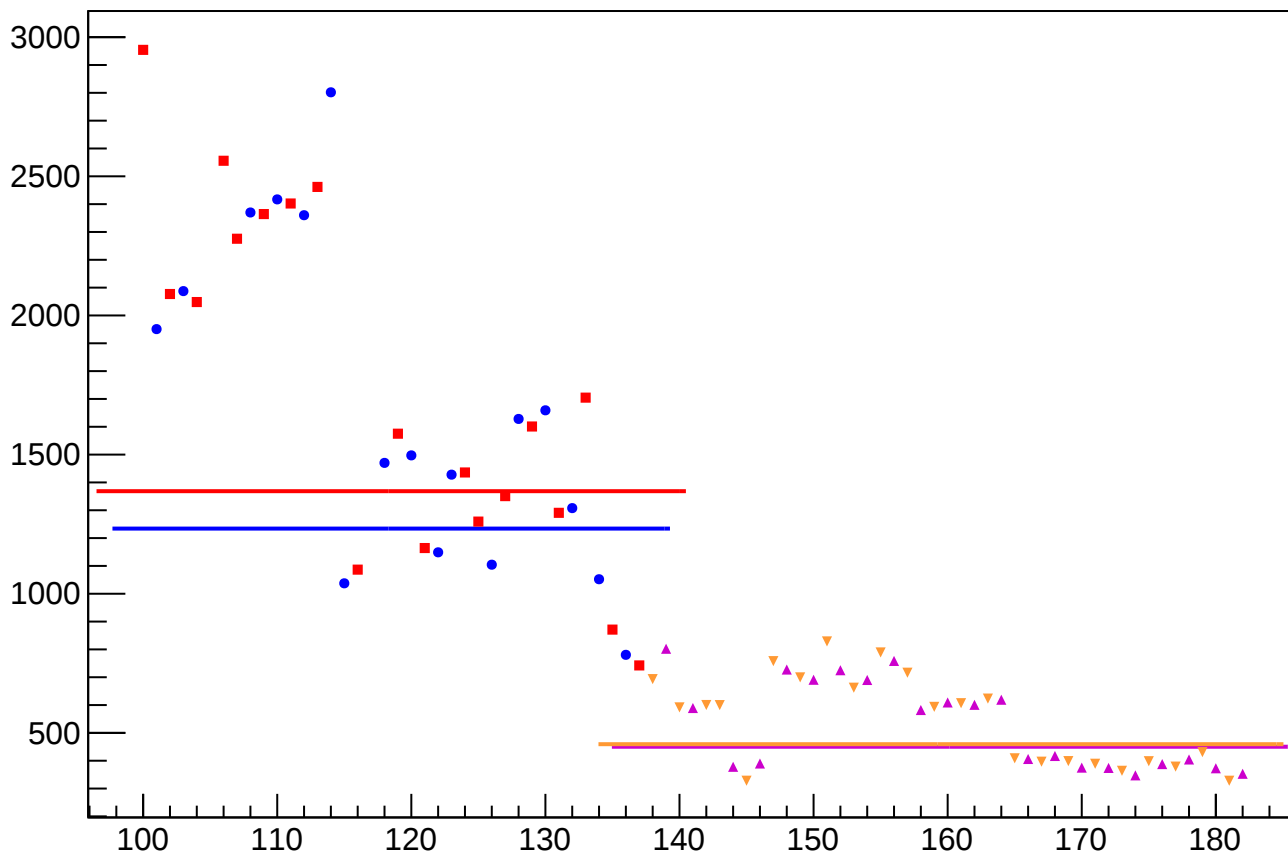
Left In: -71.302 $\pm$ 113.418 χ^2 /NDF: 31.9/21

+ sign 376.884 $\pm$ 112.559 χ^2 /NDF: 66.9/39

All: 158.063 $\pm$ 79.062 χ^2 /NDF: 119.2/80

- sign -55.033 $\pm$ 111.077 χ^2 /NDF: 44.8/40

asym_sam_26_avg_rms vs Slug



Right In: 1234.132+/-0.365 χ^2/NDF : 1741964.9/16

Left Out: 459.370+/-0.082 χ^2/NDF : 2876102.0/22

Right Out: 1368.544+/-0.389 χ^2/NDF : 1745009.6/18

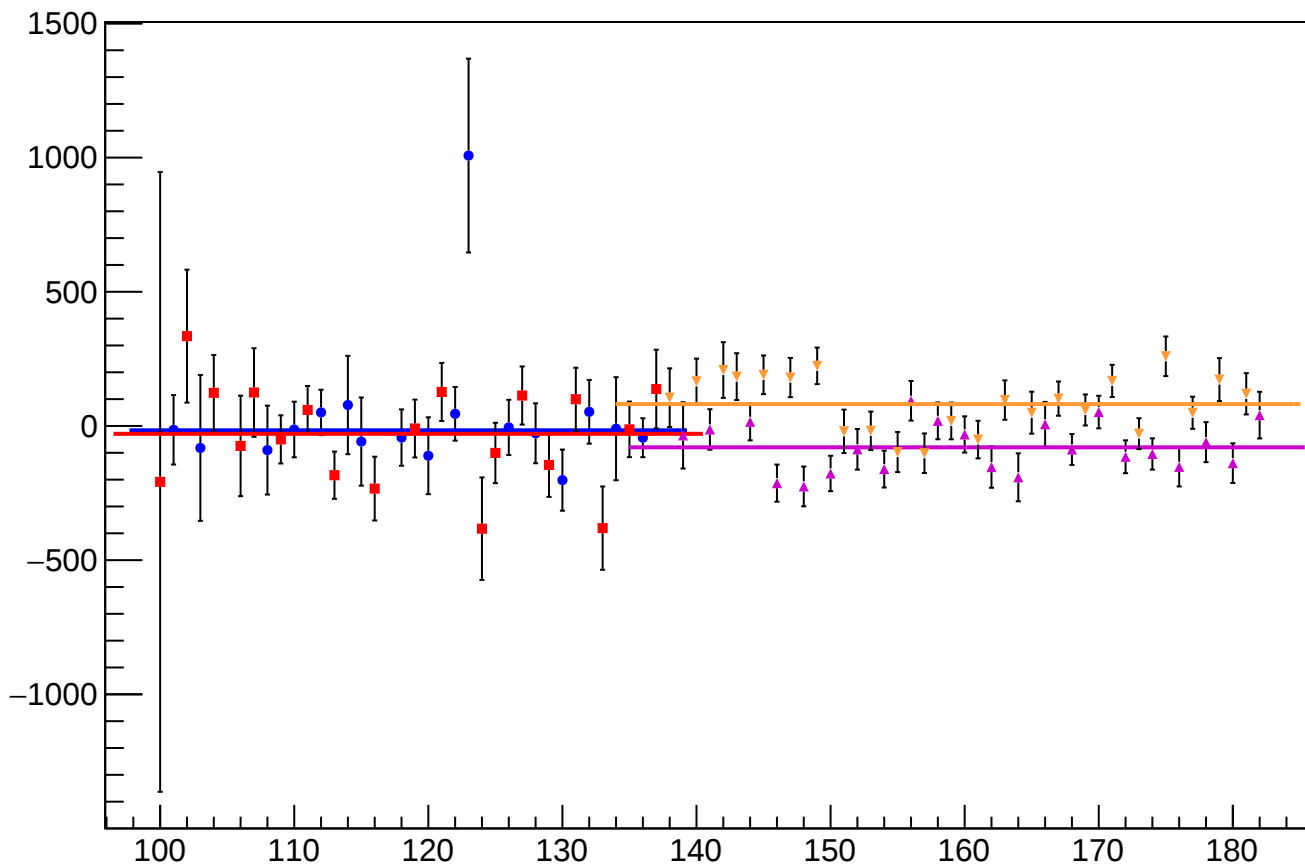
Left In: 450.255+/-0.080 χ^2/NDF : 2514268.5/21

+ sign 496.187+/-0.080 χ^2/NDF : 8906907.4/39

All: 491.918+/-0.056 χ^2/NDF : 18526720.8/80

- sign 487.761+/-0.079 χ^2/NDF : 9614135.2/40

reg_asym_sam_37_avg_mean vs Slug



Right In: -16.204 ± 28.906 $\chi^2/\text{NDF}: 13.3/16$

Left Out: 81.413 ± 15.013 $\chi^2/\text{NDF}: 46.1/22$

Right Out: -29.279 ± 28.050 $\chi^2/\text{NDF}: 27.6/18$

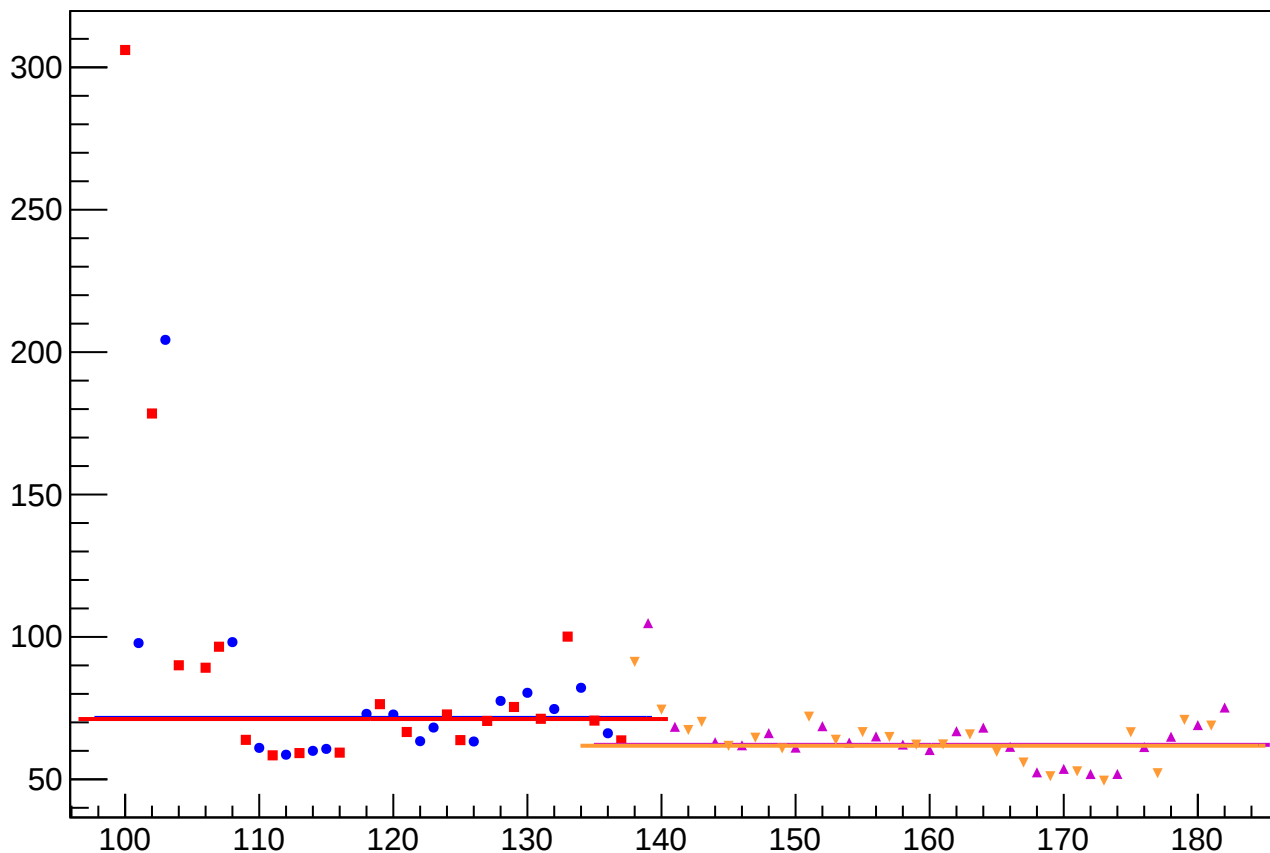
Left In: -79.623 ± 15.196 $\chi^2/\text{NDF}: 34.4/21$

+ sign 60.676 ± 13.323 $\chi^2/\text{NDF}: 68.4/39$

All: -3.578 ± 9.434 $\chi^2/\text{NDF}: 179.6/80$

- sign -68.201 ± 13.361 $\chi^2/\text{NDF}: 64.6/40$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.567 $\pm$ 0.020 χ^2 /NDF: 758733.9/16

Left Out: 61.796 $\pm$ 0.011 χ^2 /NDF: 595472.8/22

Right Out: 71.173 $\pm$ 0.020 χ^2 /NDF: 765136.0/18

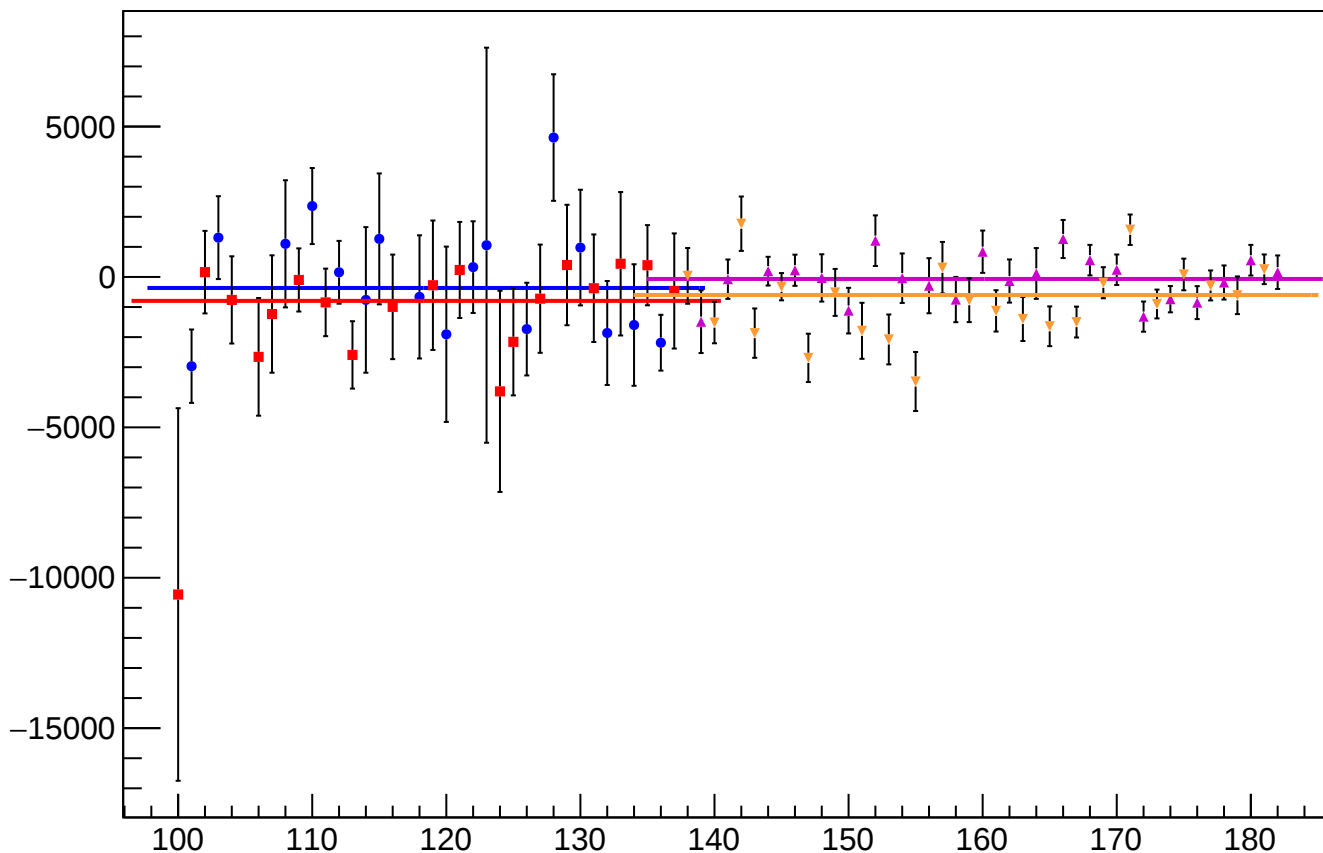
Left In: 62.108 $\pm$ 0.011 χ^2 /NDF: 576437.7/21

+ sign 63.872 $\pm$ 0.009 χ^2 /NDF: 1534164.5/39

All: 64.018 $\pm$ 0.007 χ^2 /NDF: 3037687.3/80

- sign 64.165 $\pm$ 0.009 χ^2 /NDF: 1503039.8/40

asym_sam_37_avg_correction_mean vs Slug



Right In: -365.739 ± 382.977 χ^2/NDF : 24.4/16

Left Out: -599.362 ± 132.087 χ^2/NDF : 65.0/22

Right Out: -794.732 ± 370.548 χ^2/NDF : 10.3/18

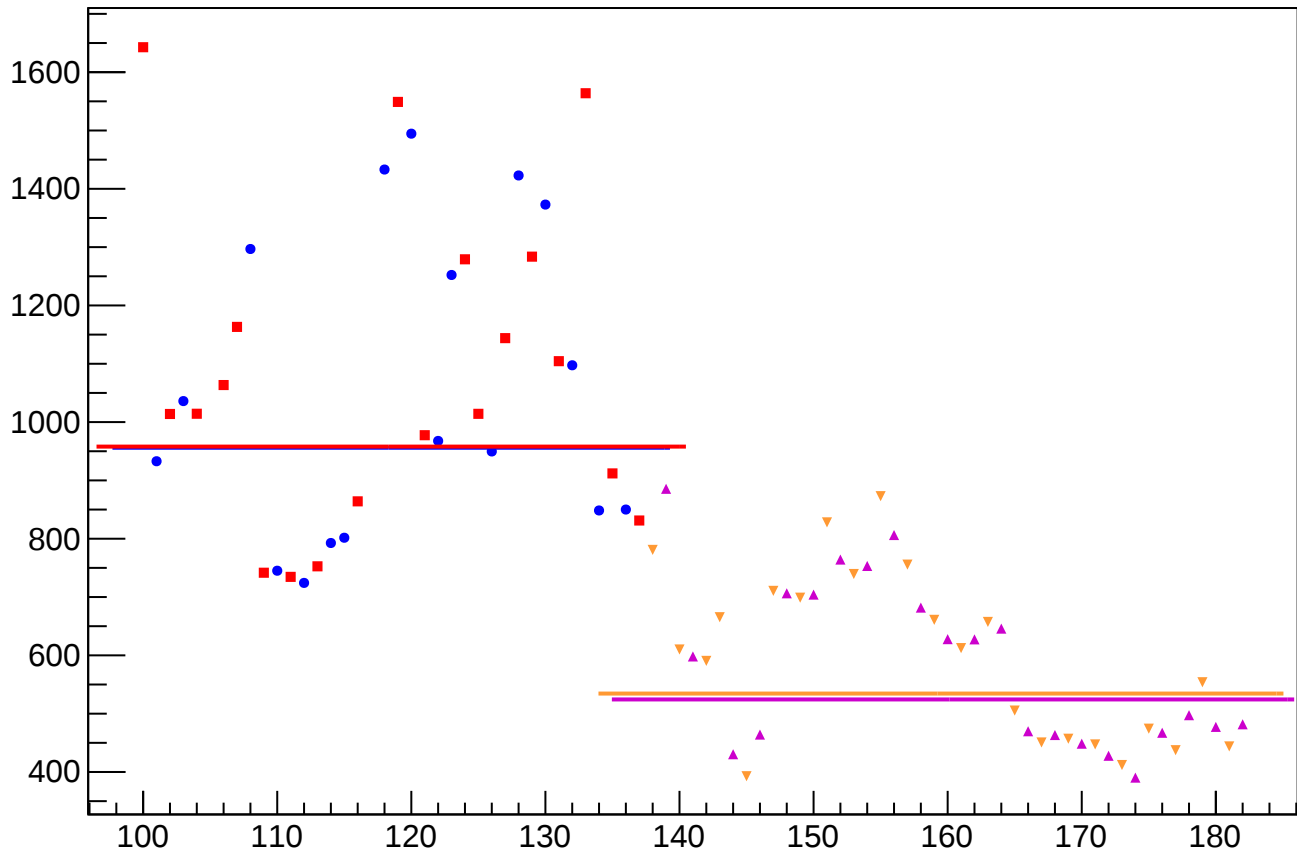
Left In: -66.561 ± 130.254 χ^2/NDF : 27.9/21

+ sign -574.527 ± 124.869 χ^2/NDF : 89.8/39

All: -357.156 ± 87.585 χ^2/NDF : 137.5/80

- sign -146.642 ± 122.883 χ^2/NDF : 41.7/40

asym_sam_37_avg_correction_rms vs Slug



Right In: 956.049 $\pm$ 0.271 χ^2 /NDF: 651701.4/16

Left Out: 534.480 $\pm$ 0.093 χ^2 /NDF:1902621.9/22

Right Out: 957.960 $\pm$ 0.262 χ^2 /NDF: 695647.8/18

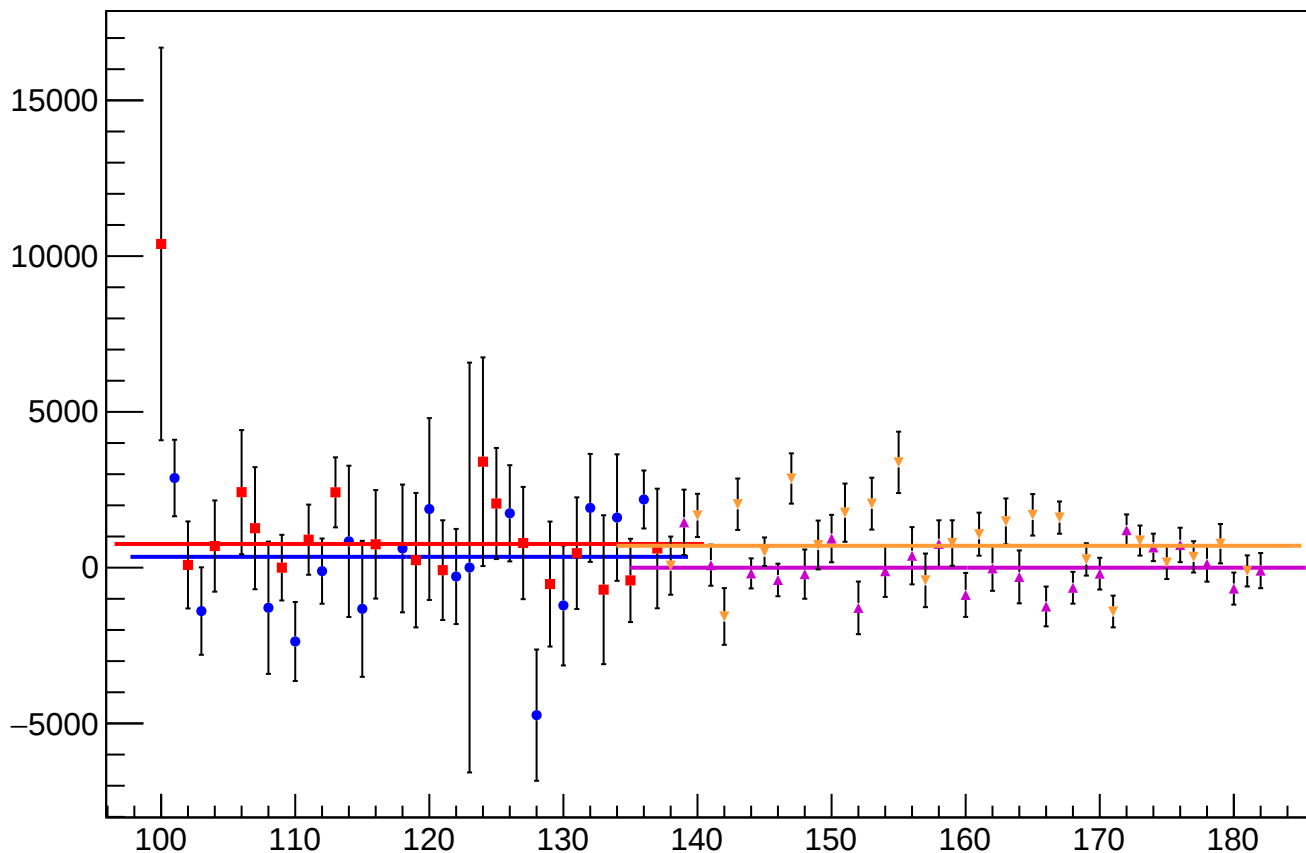
Left In: 524.388 $\pm$ 0.092 χ^2 /NDF:1716161.7/21

+ sign 579.296 $\pm$ 0.088 χ^2 /NDF: 4720074.3/39

All: 575.625 $\pm$ 0.062 χ^2 /NDF: 9572347.9/80

- sign 572.070 $\pm$ 0.087 χ^2 /NDF: 4848871.8/40

asym_sam_37_avg_mean vs Slug



Right In: 347.157 ± 384.717 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 702.113 ± 133.085 $\chi^2/\text{NDF}: 60.4/22$

Right Out: 760.420 ± 372.421 $\chi^2/\text{NDF}: 9.1/18$

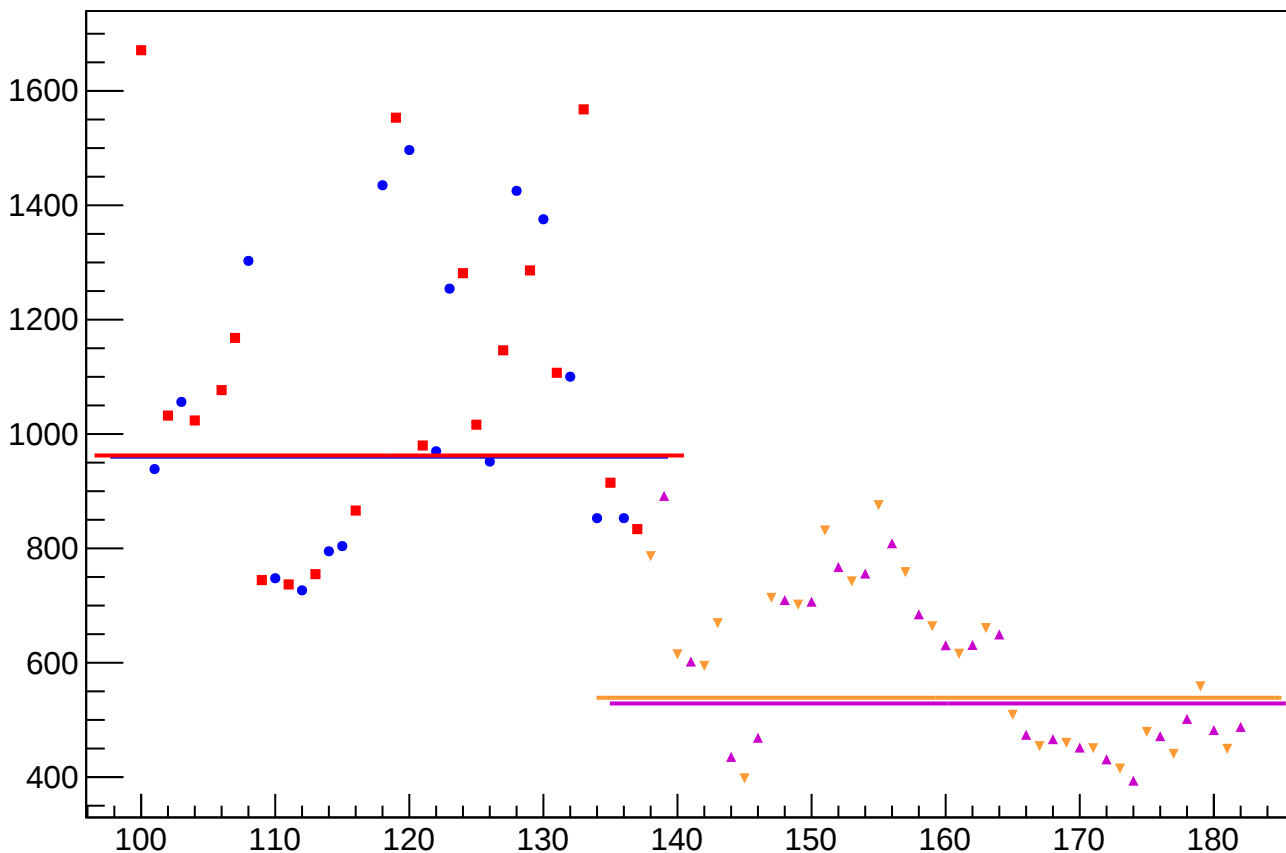
Left In: -2.101 ± 131.289 $\chi^2/\text{NDF}: 26.3/21$

+ sign 664.177 ± 125.772 $\chi^2/\text{NDF}: 85.8/39$

All: 368.632 ± 88.236 $\chi^2/\text{NDF}: 135.9/80$

- sign 82.187 ± 123.821 $\chi^2/\text{NDF}: 39.2/40$

asym_sam_37_avg_rms vs Slug



Right In: 960.401 $\pm$ 0.272 χ^2 /NDF: 651758.1/16

Left Out: 538.770 $\pm$ 0.094 χ^2 /NDF:1871553.2/22

Right Out: 962.436 $\pm$ 0.263 χ^2 /NDF: 698312.5/18

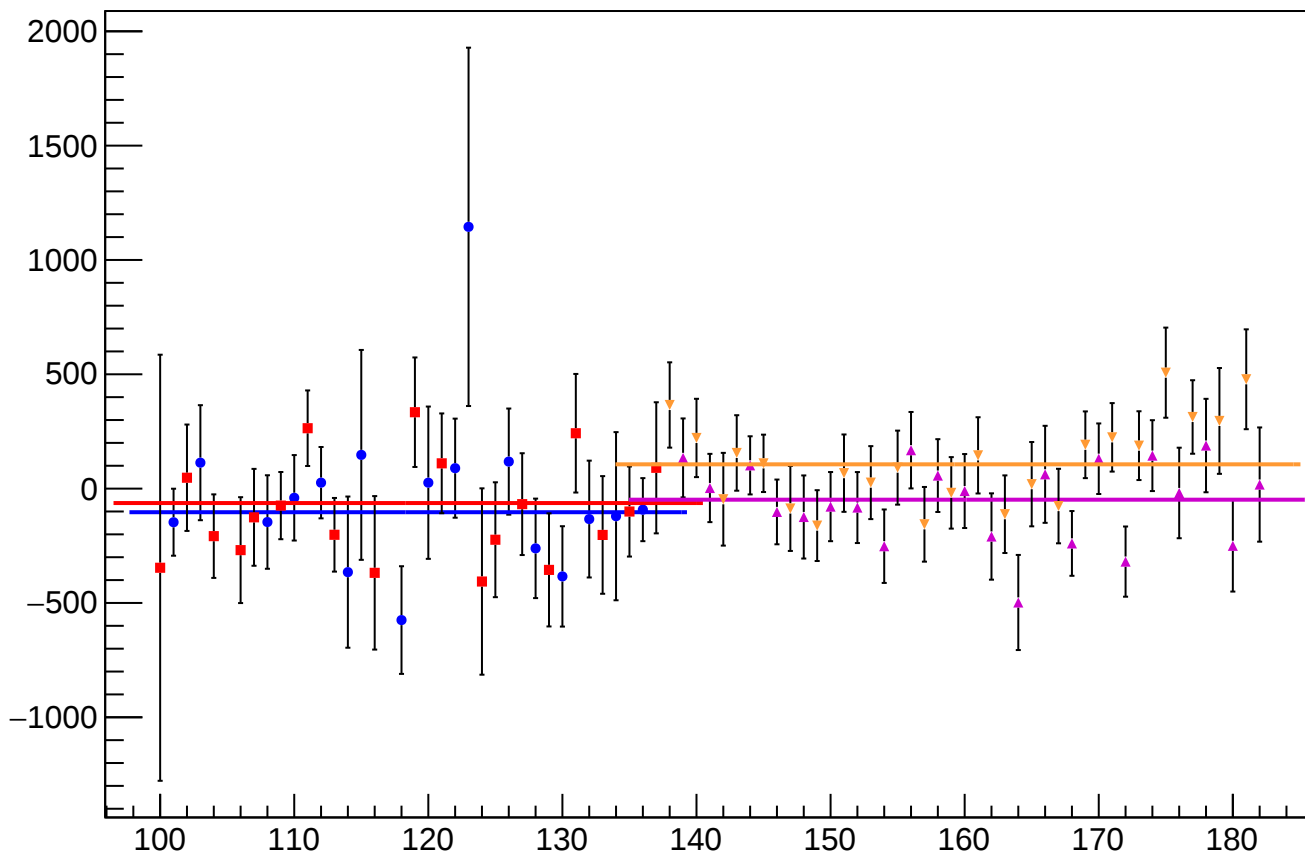
Left In: 528.793 $\pm$ 0.093 χ^2 /NDF:1688446.8/21

+ sign 583.833 $\pm$ 0.089 χ^2 /NDF: 4668783.0/39

All: 580.225 $\pm$ 0.062 χ^2 /NDF: 9470645.5/80

- sign 576.728 $\pm$ 0.088 χ^2 /NDF: 4798620.9/40

reg_asym_sam_48_avg_mean vs Slug



Right In: -103.183 ± 53.022 $\chi^2/\text{NDF}: 13.2/16$

Left Out: 106.247 ± 34.785 $\chi^2/\text{NDF}: 24.5/22$

Right Out: -63.083 ± 50.922 $\chi^2/\text{NDF}: 15.2/18$

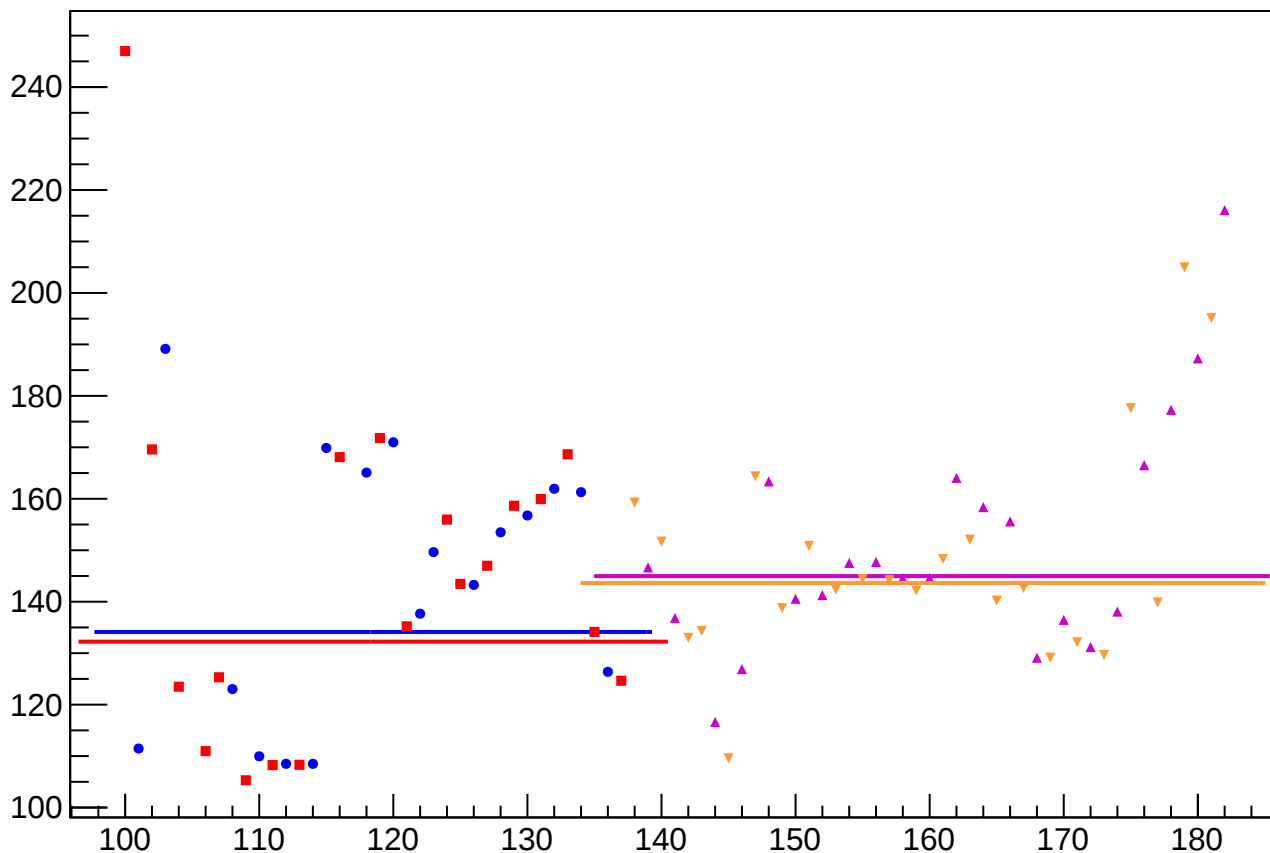
Left In: -48.413 ± 35.405 $\chi^2/\text{NDF}: 22.8/21$

+ sign 43.232 ± 29.084 $\chi^2/\text{NDF}: 48.6/39$

All: -5.006 ± 20.561 $\chi^2/\text{NDF}: 92.1/80$

- sign -53.194 ± 29.069 $\chi^2/\text{NDF}: 38.0/40$

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.122 $\pm$ 0.037 χ^2 /NDF: 402473.7/16

Left Out: 143.645 $\pm$ 0.025 χ^2 /NDF: 576919.2/22

Right Out: 132.239 $\pm$ 0.036 χ^2 /NDF: 443566.0/18

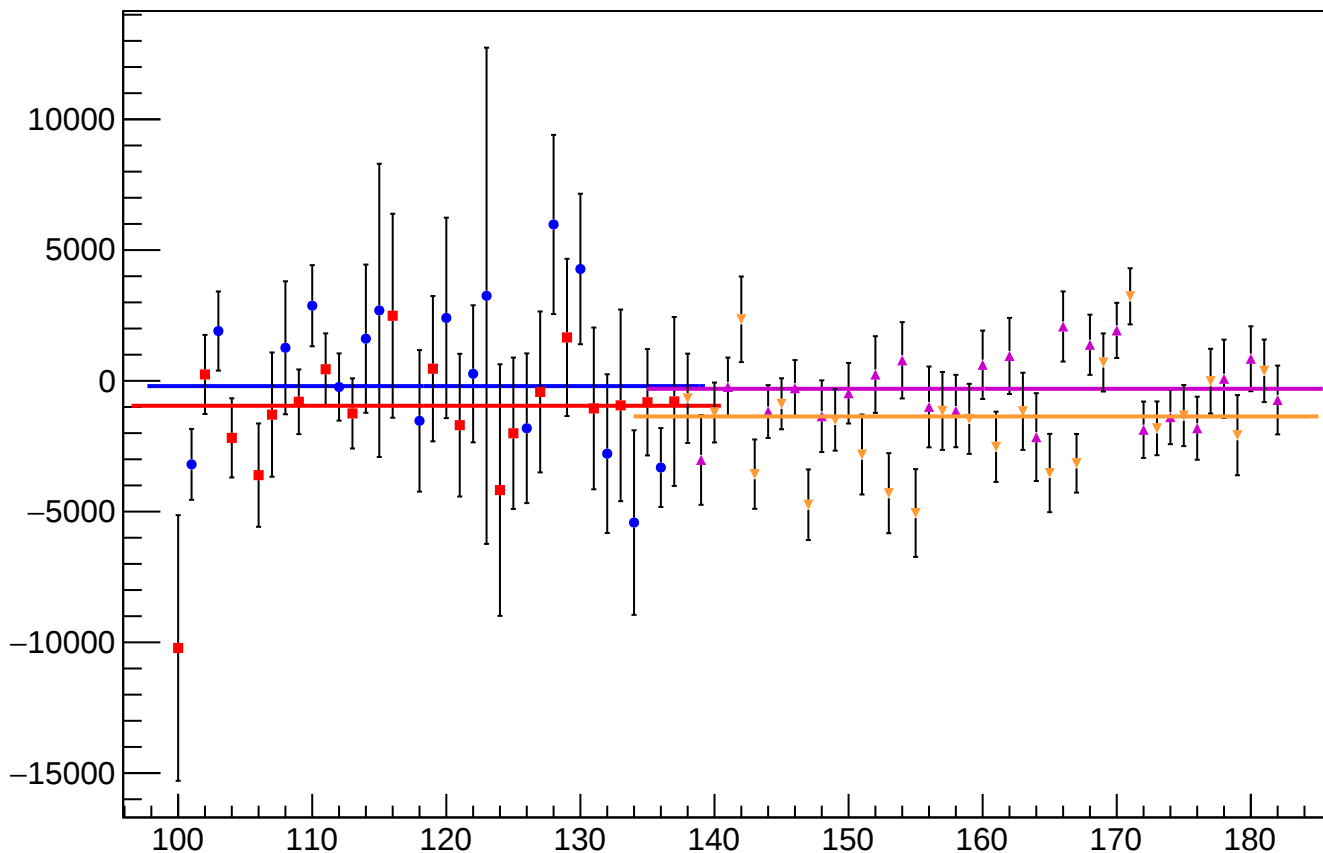
Left In: 144.974 $\pm$ 0.025 χ^2 /NDF: 572673.8/21

+ sign 140.780 $\pm$ 0.021 χ^2 /NDF: 1024495.9/39

All: 140.802 $\pm$ 0.015 χ^2 /NDF: 2125060.4/80

- sign 140.824 $\pm$ 0.021 χ^2 /NDF: 1100562.2/40

asym_sam_48_avg_correction_mean vs Slug



Right In: -201.740 $\pm$ 524.888 χ^2/NDF : 25.8/16

Left Out: -1361.087 $\pm$ 267.413 χ^2/NDF : 55.0/22

Right Out: -953.808 $\pm$ 481.576 χ^2/NDF : 10.0/18

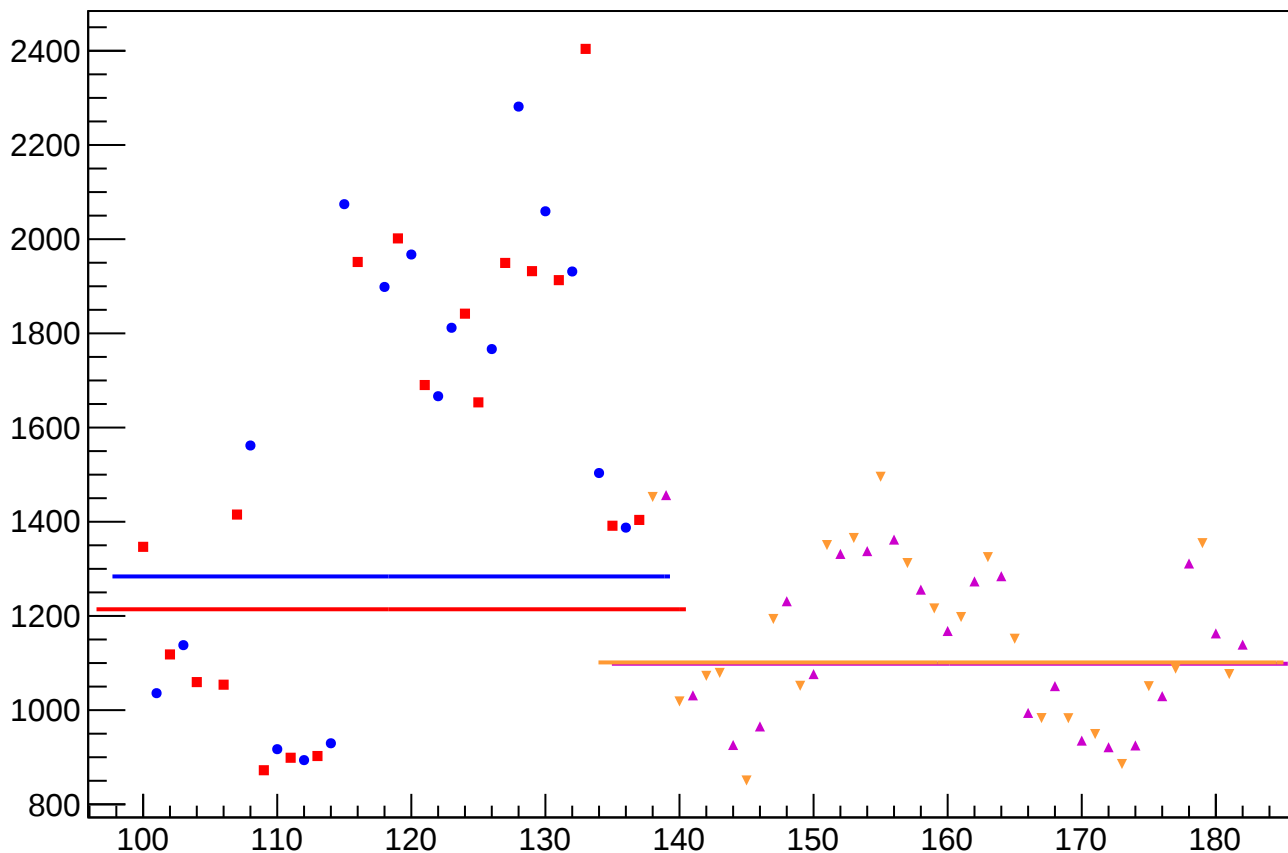
Left In: -304.613 $\pm$ 268.230 χ^2/NDF : 23.1/21

+ sign -1122.180 $\pm$ 238.273 χ^2/NDF : 84.6/39

All: -784.719 $\pm$ 167.074 χ^2/NDF : 123.1/80

- sign -458.326 $\pm$ 234.333 χ^2/NDF : 34.6/40

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.882 $\pm$ 0.371 χ^2 /NDF: 1171665.2/16

Left Out: 1101.294 $\pm$ 0.189 χ^2 /NDF: 810251.5/22

Right Out: 1214.162 $\pm$ 0.341 χ^2 /NDF: 1360853.5/18

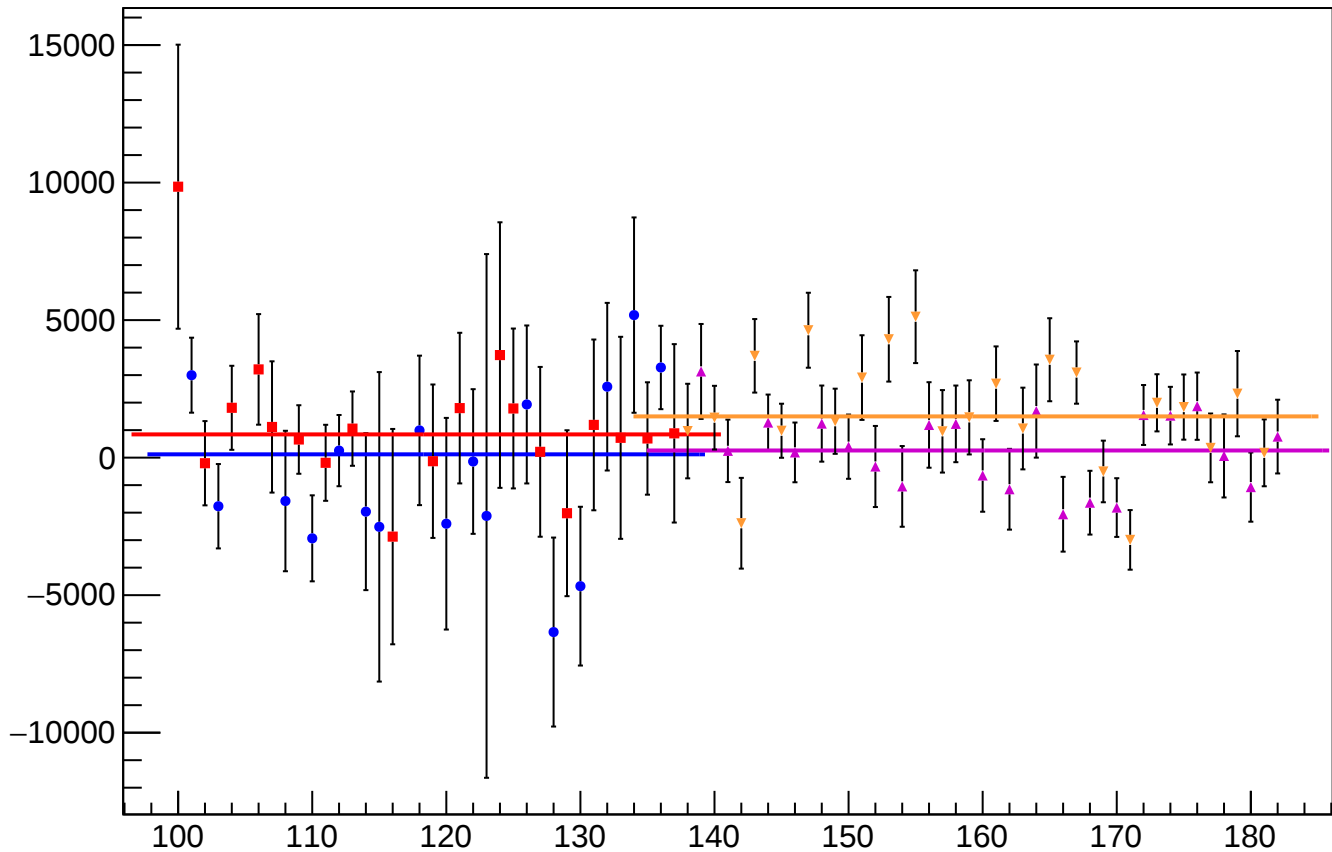
Left In: 1098.506 $\pm$ 0.190 χ^2 /NDF: 677700.0/21

+ sign 1138.920 $\pm$ 0.168 χ^2 /NDF: 2174059.4/39

All: 1132.297 $\pm$ 0.118 χ^2 /NDF: 4303694.8/80

- sign 1125.890 $\pm$ 0.166 χ^2 /NDF: 2126595.3/40

asym_sam_48_avg_mean vs Slug



Right In: 120.212 ± 528.305 χ^2/NDF : 25.3/16

Left Out: 1499.128 ± 269.930 χ^2/NDF : 50.5/22

Right Out: 845.039 ± 485.264 χ^2/NDF : 8.5/18

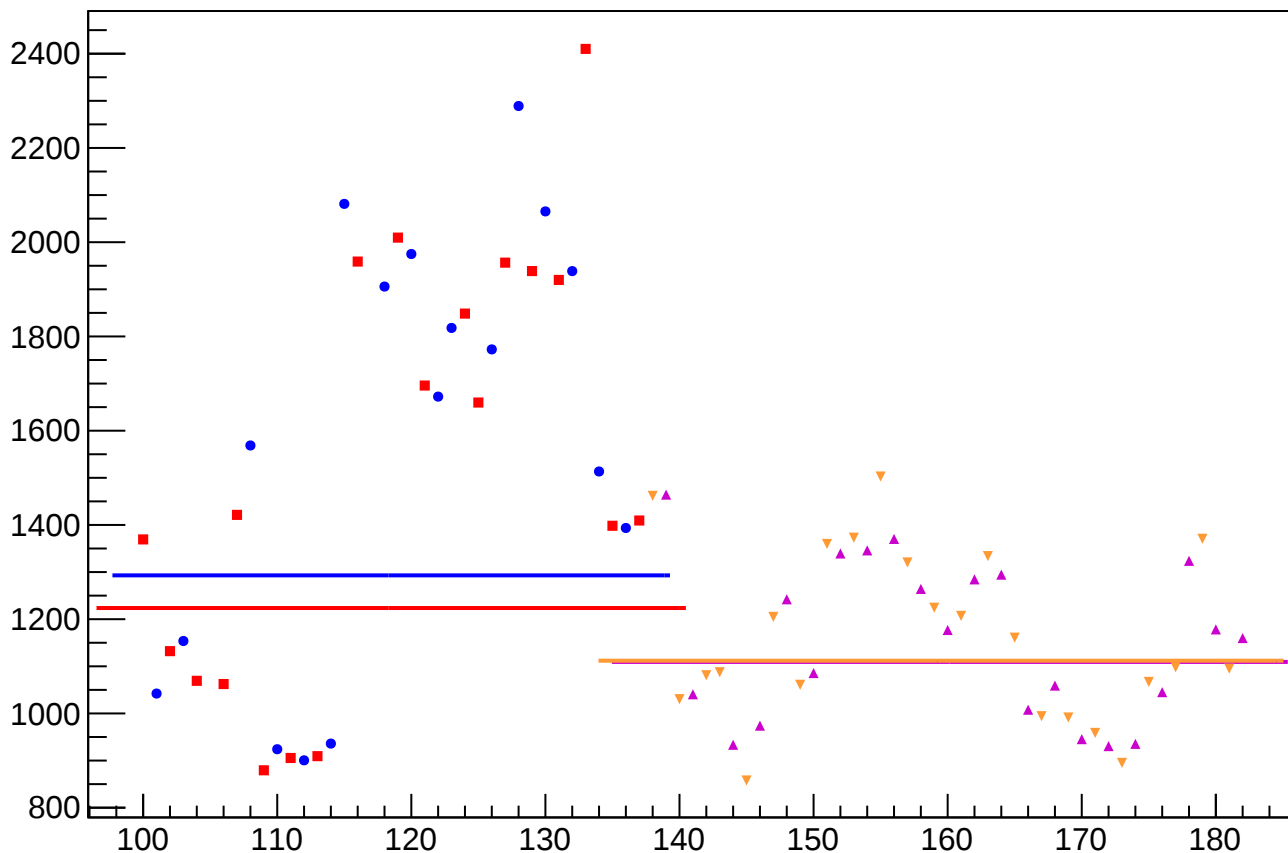
Left In: 260.157 ± 270.822 χ^2/NDF : 23.4/21

+ sign 1213.674 ± 240.372 χ^2/NDF : 81.2/39

All: 799.730 ± 168.578 χ^2/NDF : 120.1/80

- sign 399.064 ± 236.486 χ^2/NDF : 33.0/40

asym_sam_48_avg_rms vs Slug



Right In: 1292.993+/-0.374 χ^2/NDF : 1158775.5/16

Left Out: 1111.916+/-0.191 χ^2/NDF : 797915.3/22

Right Out: 1223.713+/-0.343 χ^2/NDF : 1345807.4/18

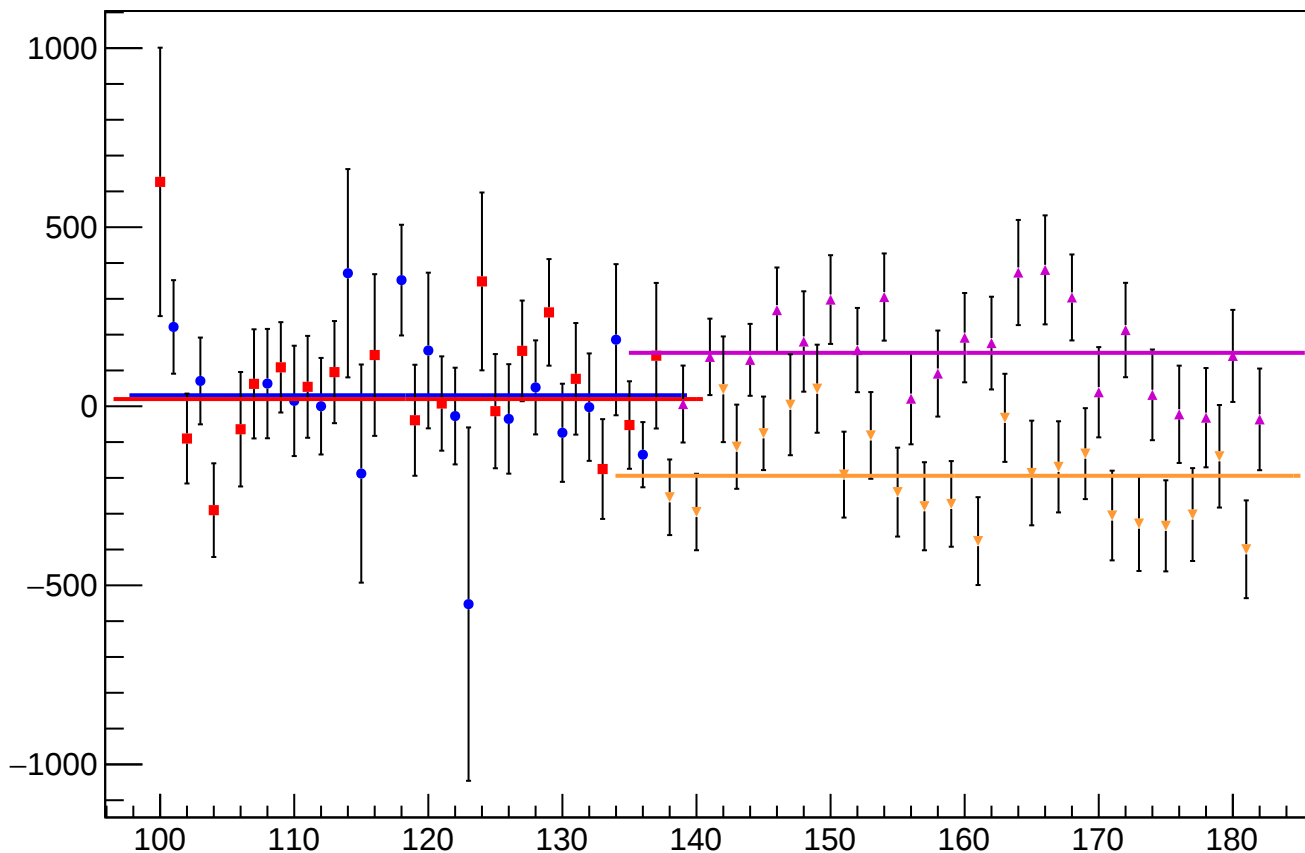
Left In: 1109.325+/-0.192 χ^2/NDF : 667145.0/21

+ sign 1149.402+/-0.170 χ^2/NDF : 2143008.2/39

All: 1142.841+/-0.119 χ^2/NDF : 4243629.1/80

- sign 1136.492+/-0.167 χ^2/NDF : 2097689.4/40

reg_asym_sam_15_dd_mean vs Slug



Right In: 30.740 ± 36.437 χ^2/NDF : 15.2/16

Left Out: -194.074 ± 25.873 χ^2/NDF : 23.8/22

Right Out: 20.110 ± 34.774 χ^2/NDF : 18.8/18

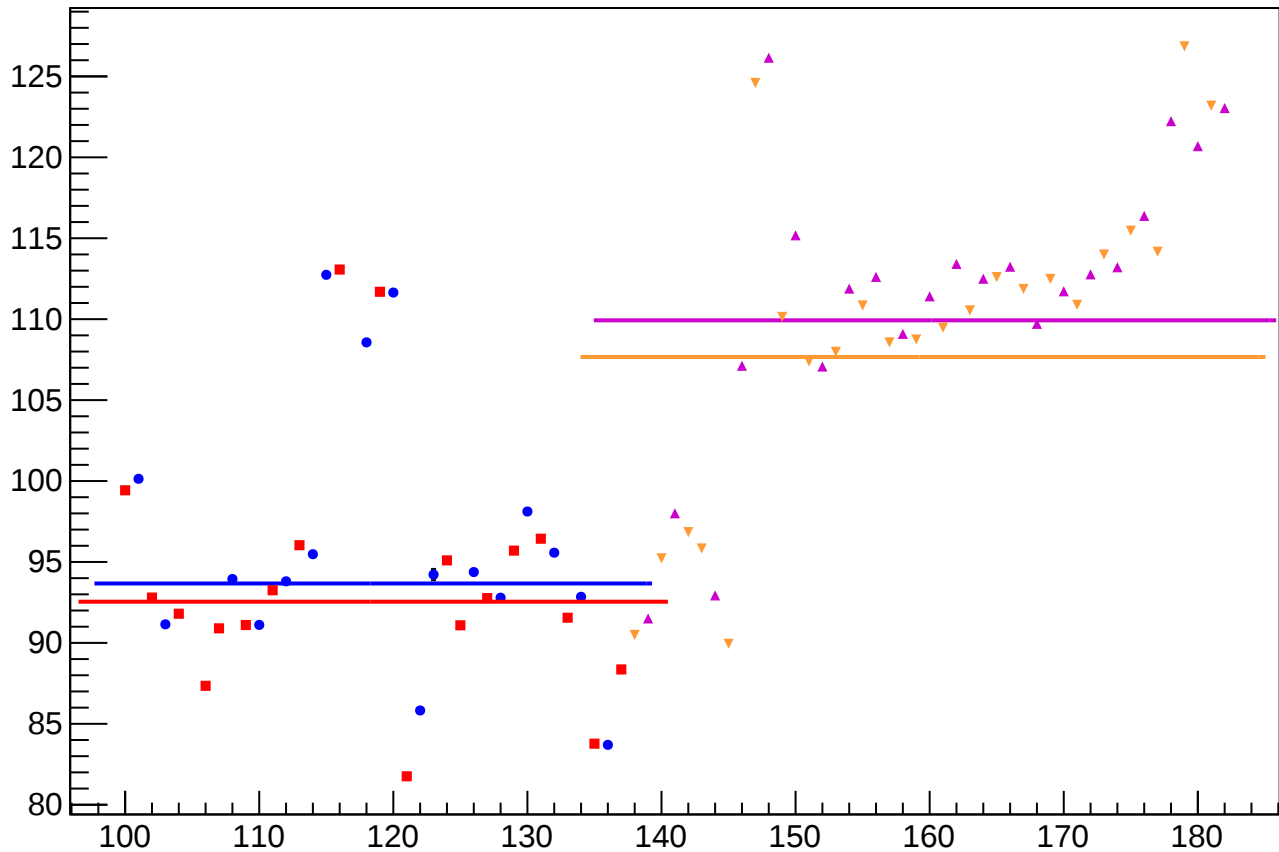
Left In: 149.219 ± 26.601 χ^2/NDF : 20.5/21

+ sign -118.716 ± 21.096 χ^2/NDF : 64.4/39

All: -8.748 ± 14.928 χ^2/NDF : 166.8/80

- sign 101.559 ± 21.128 χ^2/NDF : 48.1/40

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.670 $\pm$ 0.026 χ^2 /NDF: 79871.5/16

Left Out: 107.665 $\pm$ 0.018 χ^2 /NDF: 291141.0/22

Right Out: 92.545 $\pm$ 0.025 χ^2 /NDF: 78872.3/18

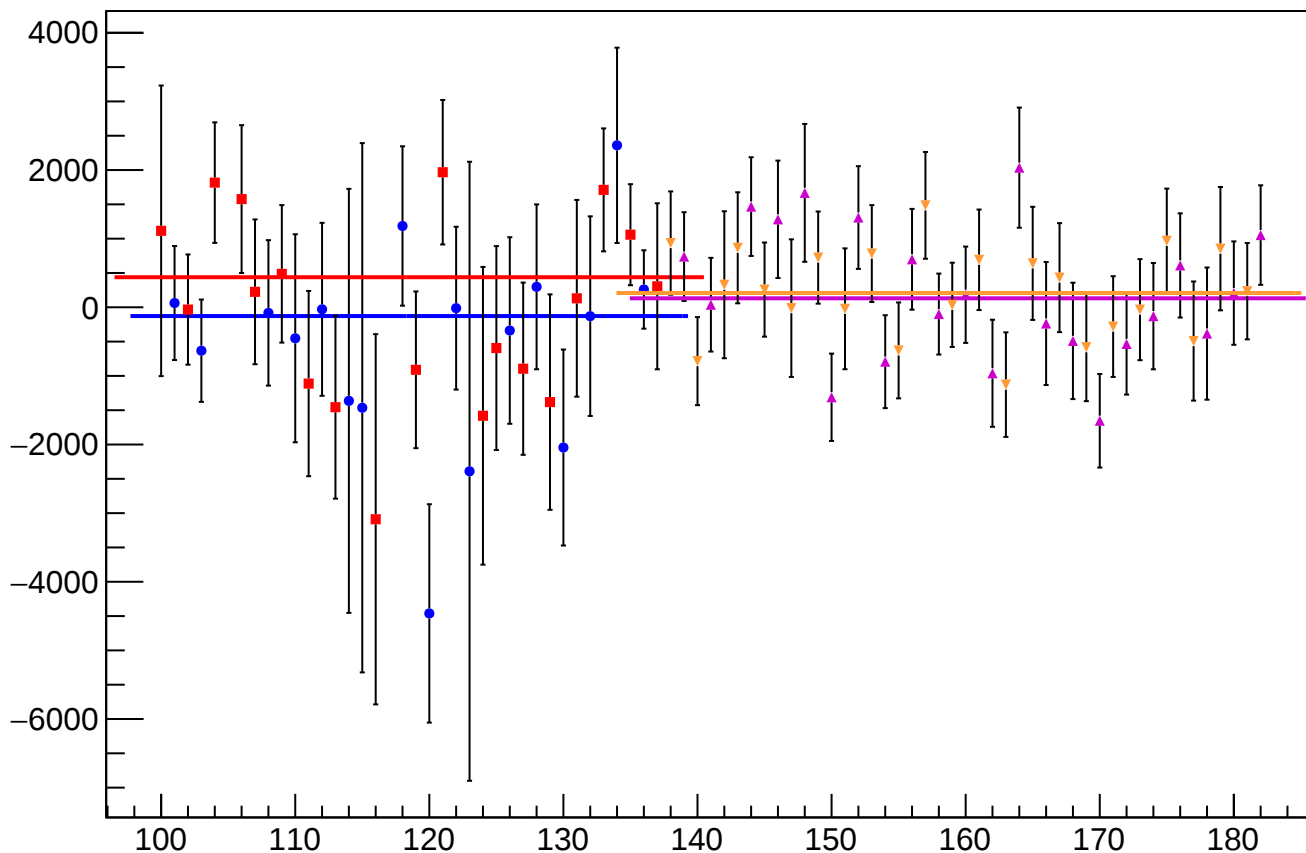
Left In: 109.929 $\pm$ 0.019 χ^2 /NDF: 232559.9/21

+ sign 102.974 $\pm$ 0.015 χ^2 /NDF: 567153.3/39

All: 103.243 $\pm$ 0.011 χ^2 /NDF: 1194556.5/80

- sign 103.512 $\pm$ 0.015 χ^2 /NDF: 626755.1/40

asym_sam_15_dd_correction_mean vs Slug



Right In: -127.998 ± 277.067 χ^2/NDF : 15.3/16

Left Out: 208.386 ± 158.381 χ^2/NDF : 17.2/22

Right Out: 438.094 ± 260.694 χ^2/NDF : 19.2/18

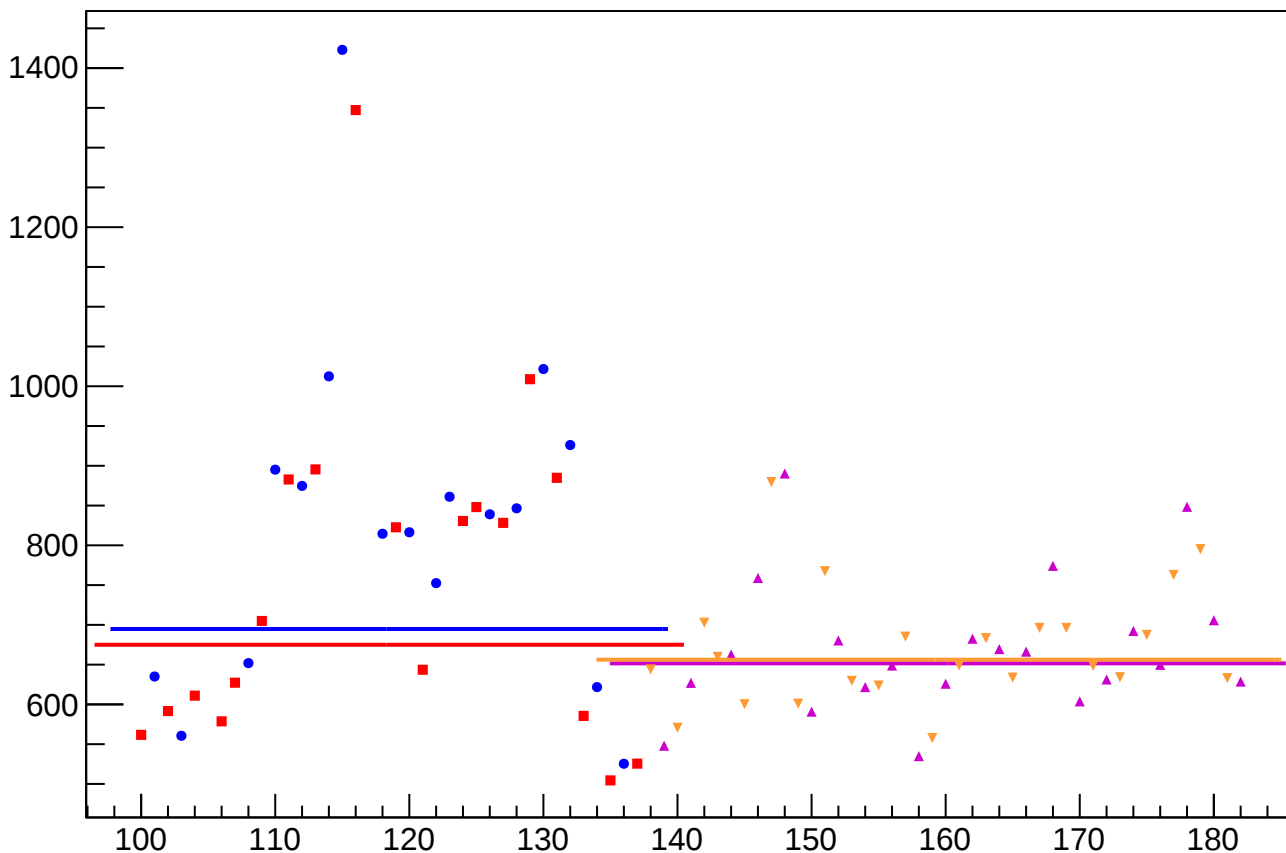
Left In: 130.707 ± 158.653 χ^2/NDF : 36.2/21

+ sign 125.539 ± 137.501 χ^2/NDF : 33.6/39

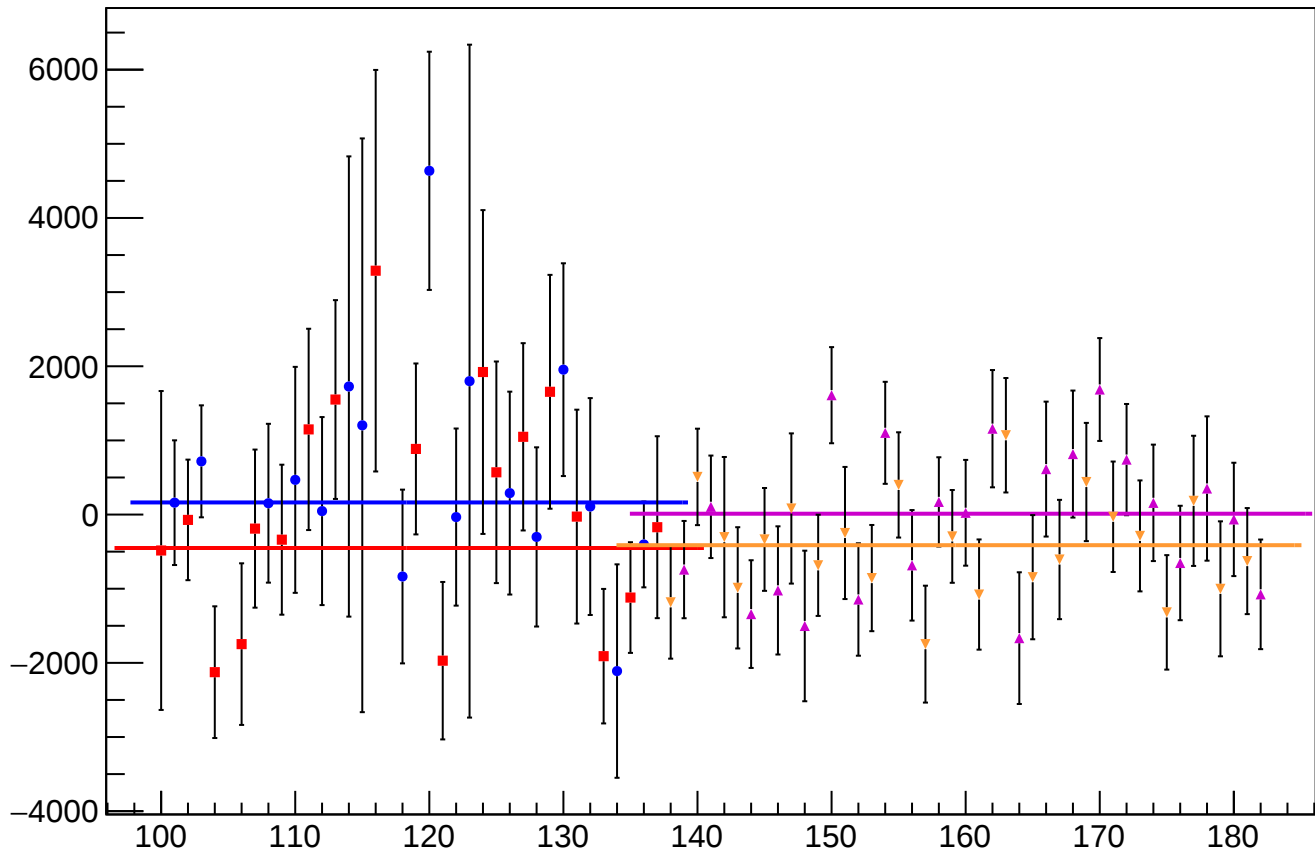
All: 170.299 ± 96.523 χ^2/NDF : 90.2/80

- sign 213.784 ± 135.528 χ^2/NDF : 56.5/40

asym_sam_15_dd_correction_rms vs Slug



asym_sam_15_dd_mean vs Slug



Right In: 163.513 ± 279.836 χ^2/NDF : 14.7/16

Left Out: -413.008 ± 160.612 χ^2/NDF : 17.2/22

Right Out: -450.889 ± 263.386 χ^2/NDF : 22.5/18

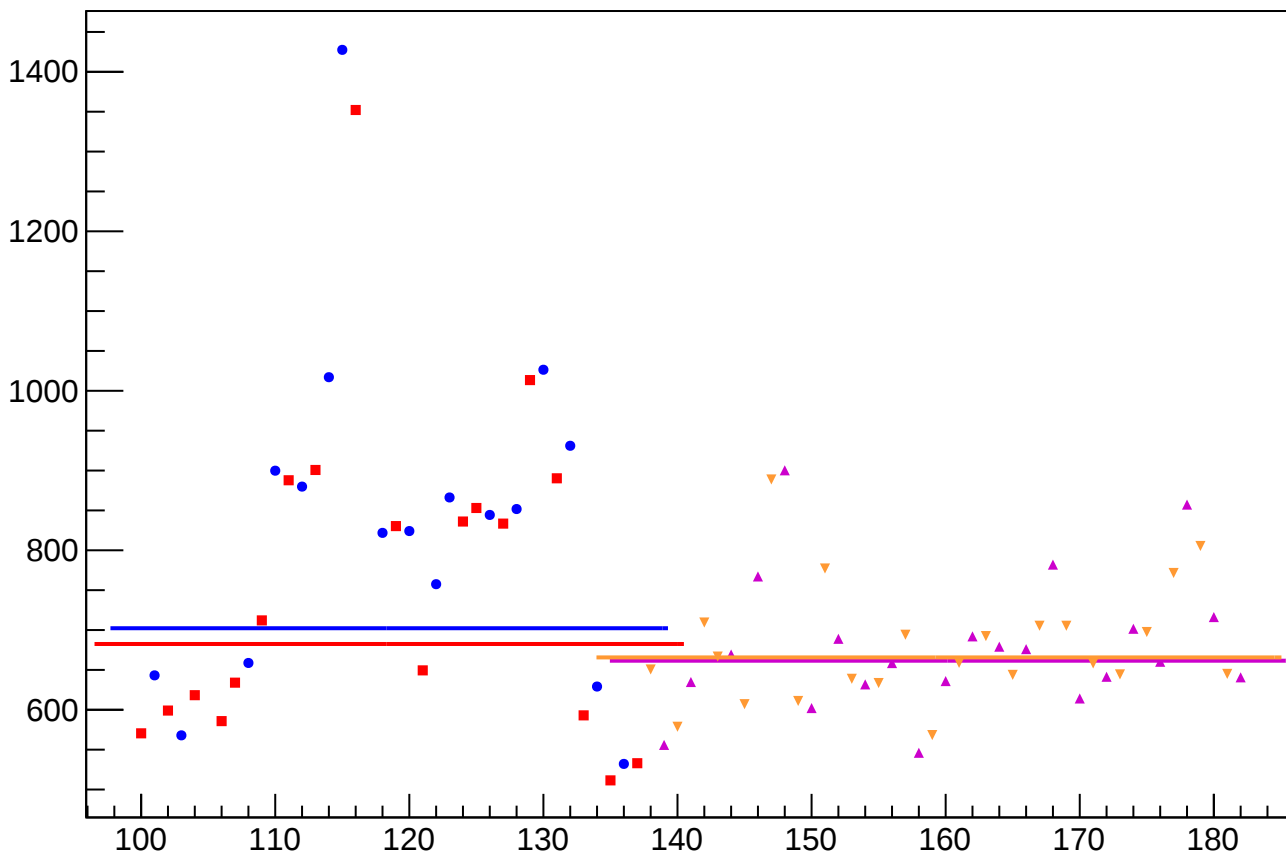
Left In: 11.432 ± 161.011 χ^2/NDF : 37.2/21

+ sign -270.151 ± 139.299 χ^2/NDF : 35.1/39

All: -191.161 ± 97.812 χ^2/NDF : 97.7/80

- sign -114.337 ± 137.375 χ^2/NDF : 62.0/40

asym_sam_15_dd_rms vs Slug



Right In: 702.265+/-0.198 χ^2/NDF : 660691.4/16

Left Out: 665.664+/-0.114 χ^2/NDF : 350181.2/22

Right Out: 682.505+/-0.186 χ^2/NDF : 662840.9/18

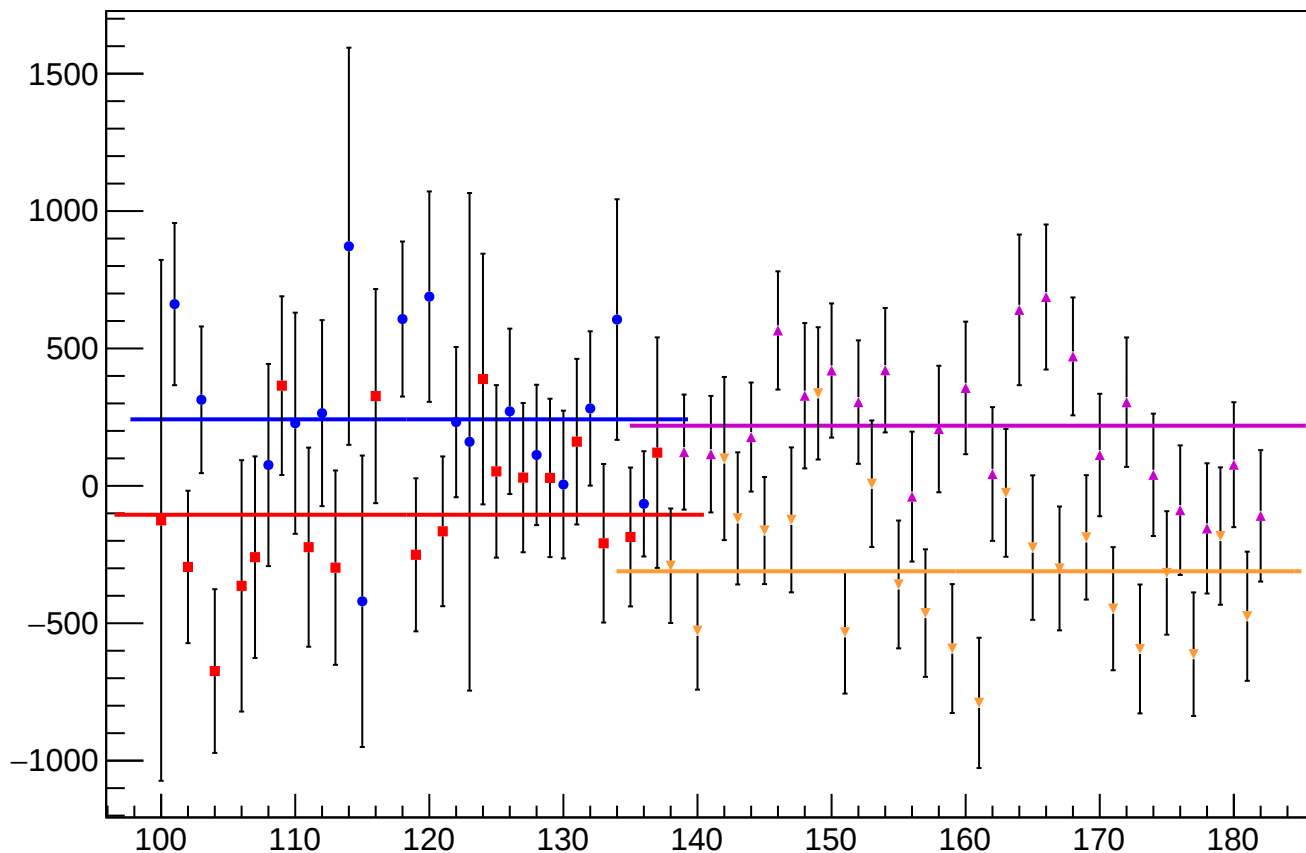
Left In: 661.539+/-0.114 χ^2/NDF : 447425.2/21

+ sign 674.734+/-0.098 χ^2/NDF : 1036608.9/39

All: 670.936+/-0.069 χ^2/NDF : 2159032.6/80

- sign 667.243+/-0.097 χ^2/NDF : 1119491.6/40

reg_asym_sam_26_dd_mean vs Slug



Right In: 242.121 ± 76.105 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -310.867 ± 48.369 $\chi^2/\text{NDF}: 27.1/22$

Right Out: -105.190 ± 74.426 $\chi^2/\text{NDF}: 11.8/18$

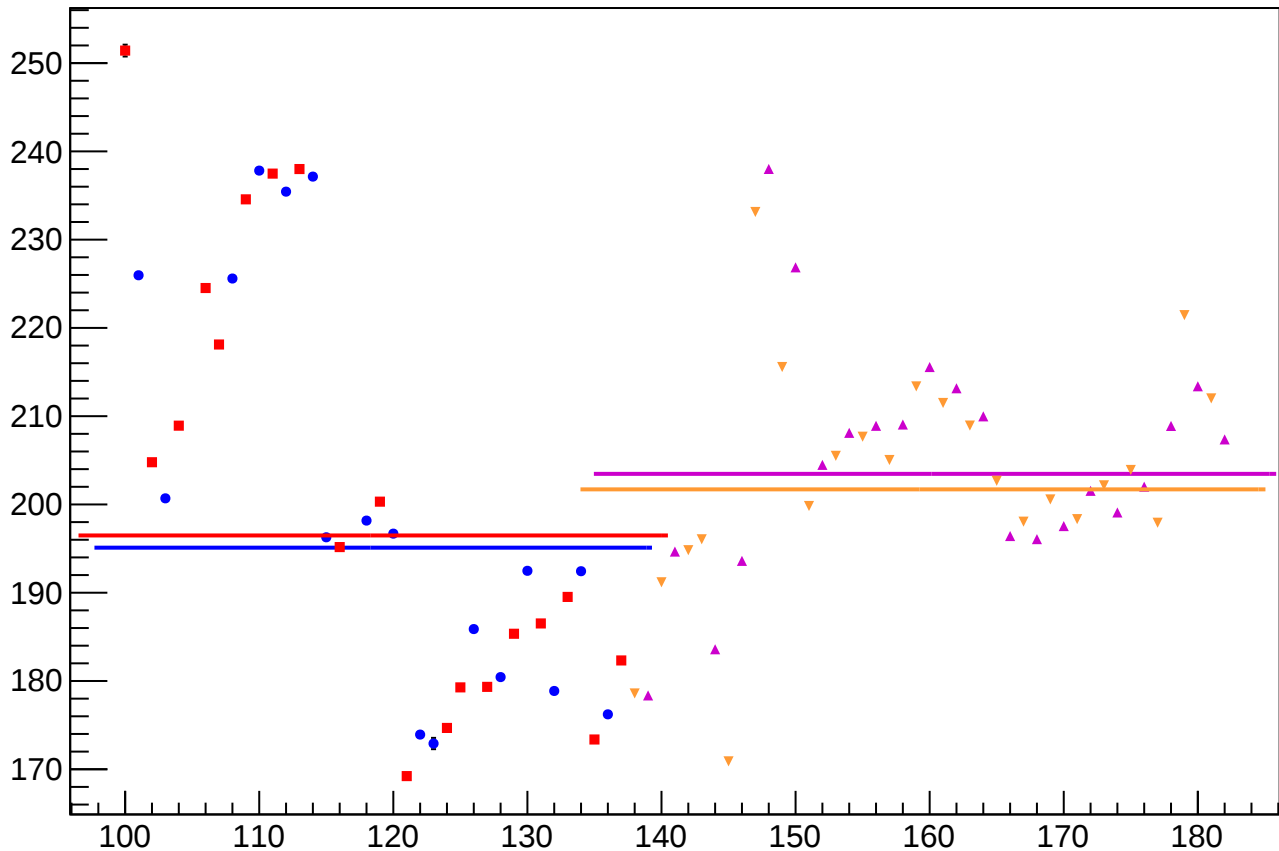
Left In: 218.958 ± 49.166 $\chi^2/\text{NDF}: 21.3/21$

+ sign -151.764 ± 40.822 $\chi^2/\text{NDF}: 76.7/39$

All: -16.312 ± 28.936 $\chi^2/\text{NDF}: 145.1/80$

- sign 120.478 ± 41.023 $\chi^2/\text{NDF}: 46.3/40$

reg_asym_sam_26_dd_rms vs Slug



Right In: 195.104+/-0.054 χ^2/NDF : 142538.2/16

Left Out: 201.709+/-0.034 χ^2/NDF : 147541.2/22

Right Out: 196.488+/-0.053 χ^2/NDF : 171375.7/18

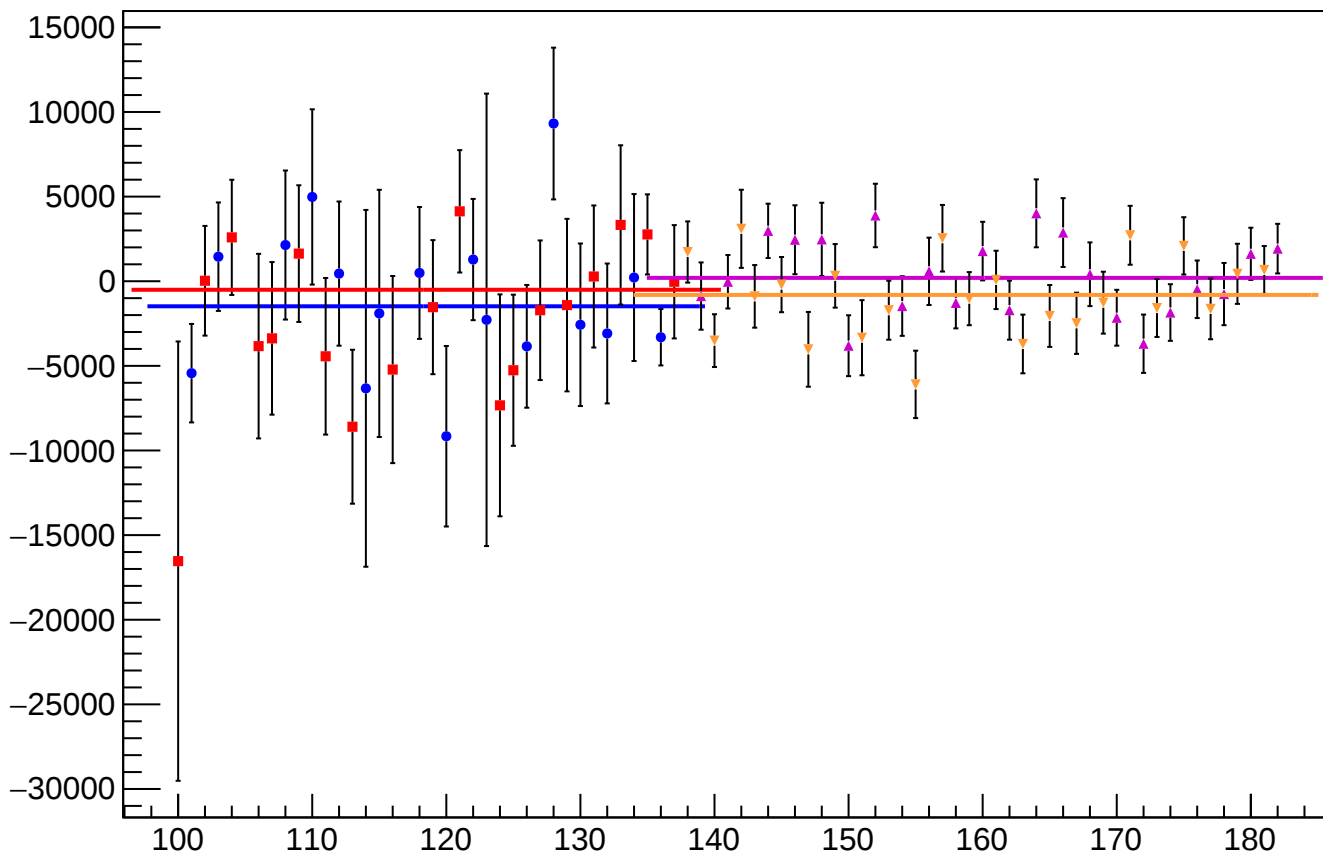
Left In: 203.466+/-0.035 χ^2/NDF : 133005.1/21

+ sign 199.809+/-0.029 χ^2/NDF : 300808.6/39

All: 200.574+/-0.020 χ^2/NDF : 618840.3/80

- sign 201.346+/-0.029 χ^2/NDF : 316621.2/40

asym_sam_26_dd_correction_mean vs Slug



Right In: -1480.760 ± 912.560 χ^2/NDF : 16.0/16

Left Out: -809.206 ± 371.815 χ^2/NDF : 35.5/22

Right Out: -503.732 ± 936.543 χ^2/NDF : 14.7/18

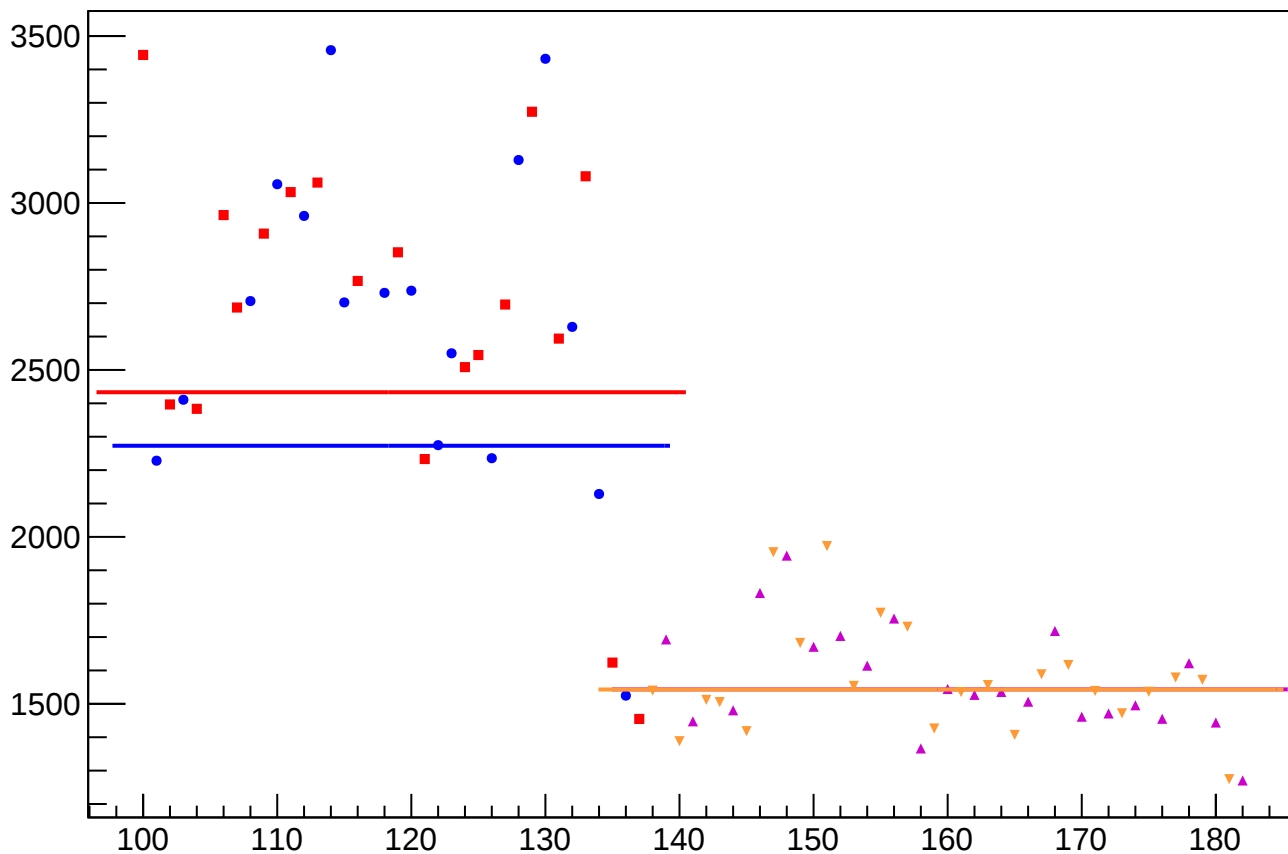
Left In: 198.448 ± 374.440 χ^2/NDF : 35.1/21

+ sign -904.817 ± 344.331 χ^2/NDF : 51.9/39

All: -406.445 ± 244.655 χ^2/NDF : 106.4/80

- sign 101.674 ± 347.682 χ^2/NDF : 50.3/40

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.950 $\pm$ 0.645 χ^2 /NDF: 806901.4/16

Left Out: 1542.939 $\pm$ 0.263 χ^2 /NDF: 336748.9/22

Right Out: 2433.249 $\pm$ 0.662 χ^2 /NDF: 682781.3/18

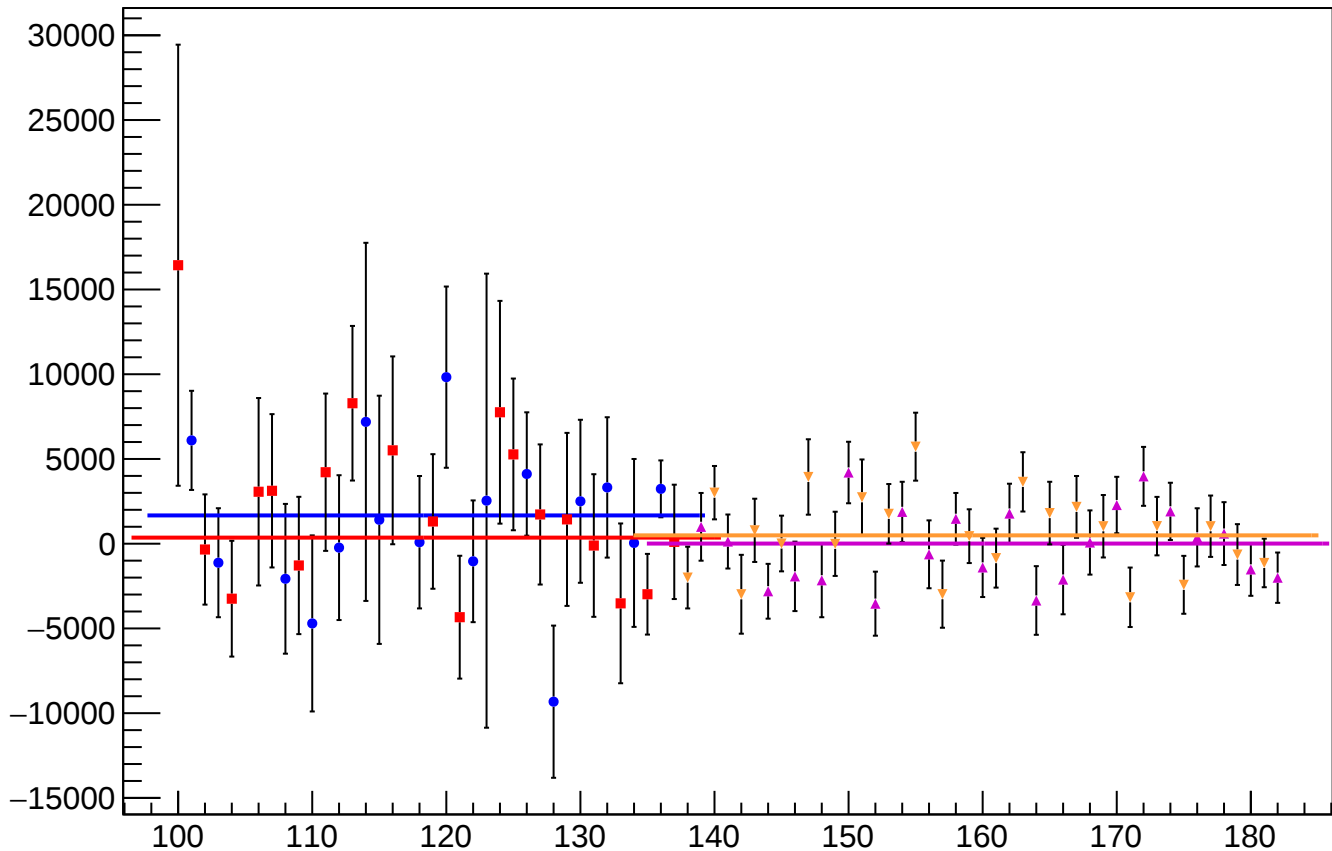
Left In: 1543.306 $\pm$ 0.265 χ^2 /NDF: 323583.3/21

+ sign 1646.873 $\pm$ 0.243 χ^2 /NDF: 2241302.2/39

All: 1656.322 $\pm$ 0.173 χ^2 /NDF: 4807744.2/80

- sign 1665.957 $\pm$ 0.246 χ^2 /NDF: 2563400.1/40

asym_sam_26_dd_mean vs Slug



Right In: 1668.629+/-916.594 χ^2/NDF : 16.4/16

Left Out: 492.296+/-375.134 χ^2/NDF : 35.1/22

Right Out: 358.685+/-940.367 χ^2/NDF : 15.1/18

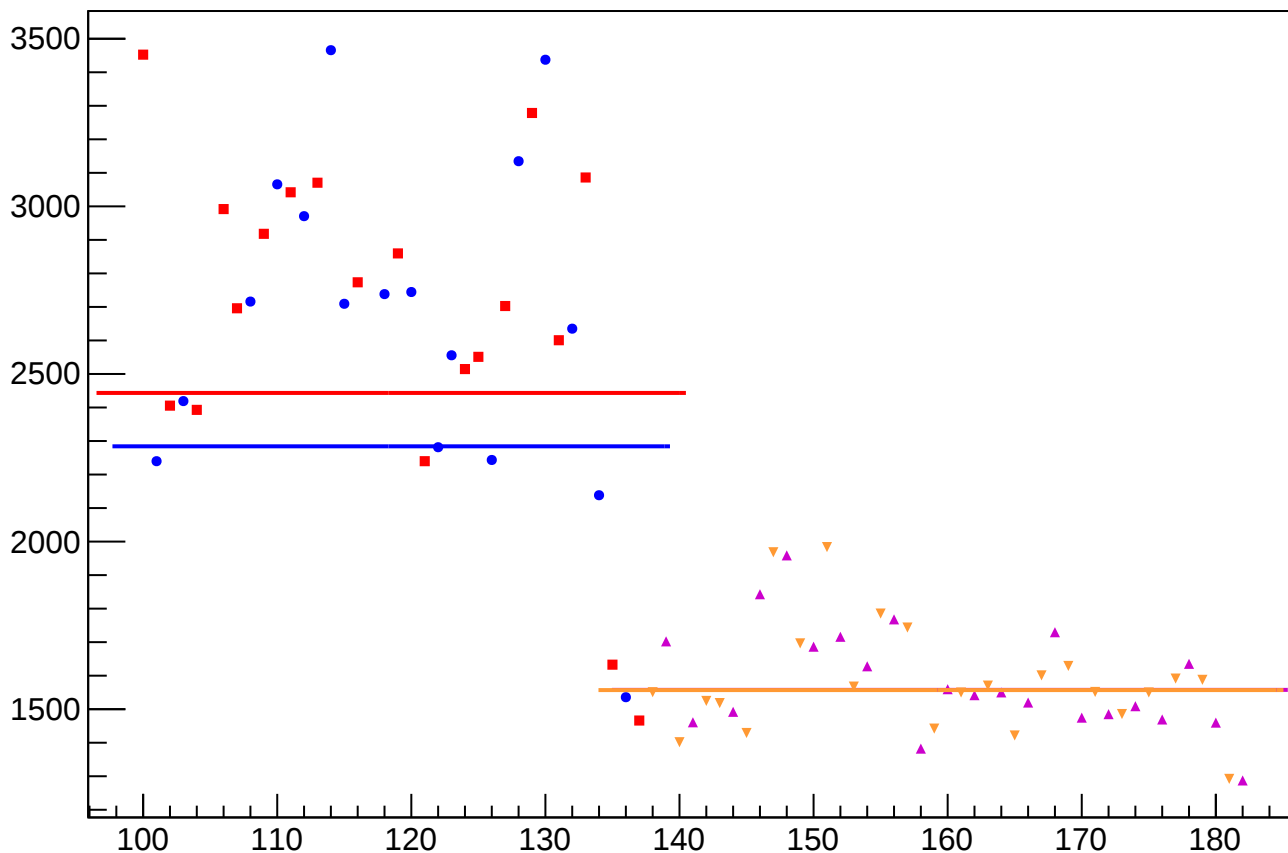
Left In: 8.025+/-377.844 χ^2/NDF : 32.9/21

+ sign 661.064+/-347.182 χ^2/NDF : 52.9/39

All: 361.877+/-246.695 χ^2/NDF : 102.5/80

- sign 56.769+/-350.601 χ^2/NDF : 48.1/40

asym_sam_26_dd_rms vs Slug



Right In: 2284.187 $\pm$ 0.648 χ^2 /NDF: 795230.1/16

Left Out: 1557.025 $\pm$ 0.265 χ^2 /NDF: 327605.5/22

Right Out: 2443.443 $\pm$ 0.665 χ^2 /NDF: 674891.8/18

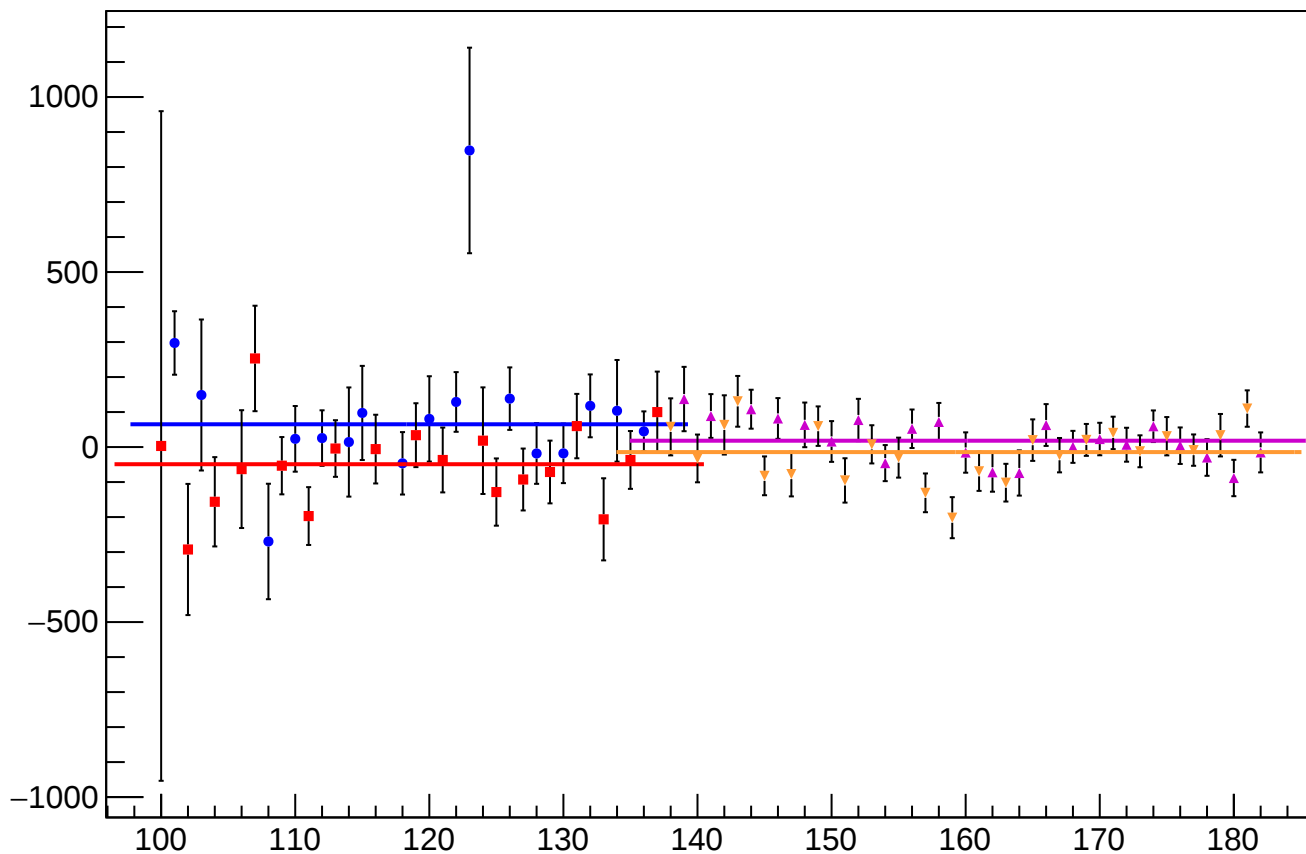
Left In: 1557.640 $\pm$ 0.267 χ^2 /NDF: 313767.9/21

+ sign 1661.351 $\pm$ 0.245 χ^2 /NDF: 2200990.6/39

All: 1670.966 $\pm$ 0.174 χ^2 /NDF: 4720703.1/80

- sign 1680.771 $\pm$ 0.248 χ^2 /NDF: 2516614.3/40

reg_asym_sam_37_dd_mean vs Slug



Right In: 65.082 ± 23.794 χ^2/NDF : 23.8/16

Left Out: -14.378 ± 11.660 χ^2/NDF : 39.4/22

Right Out: -49.027 ± 23.731 χ^2/NDF : 17.1/18

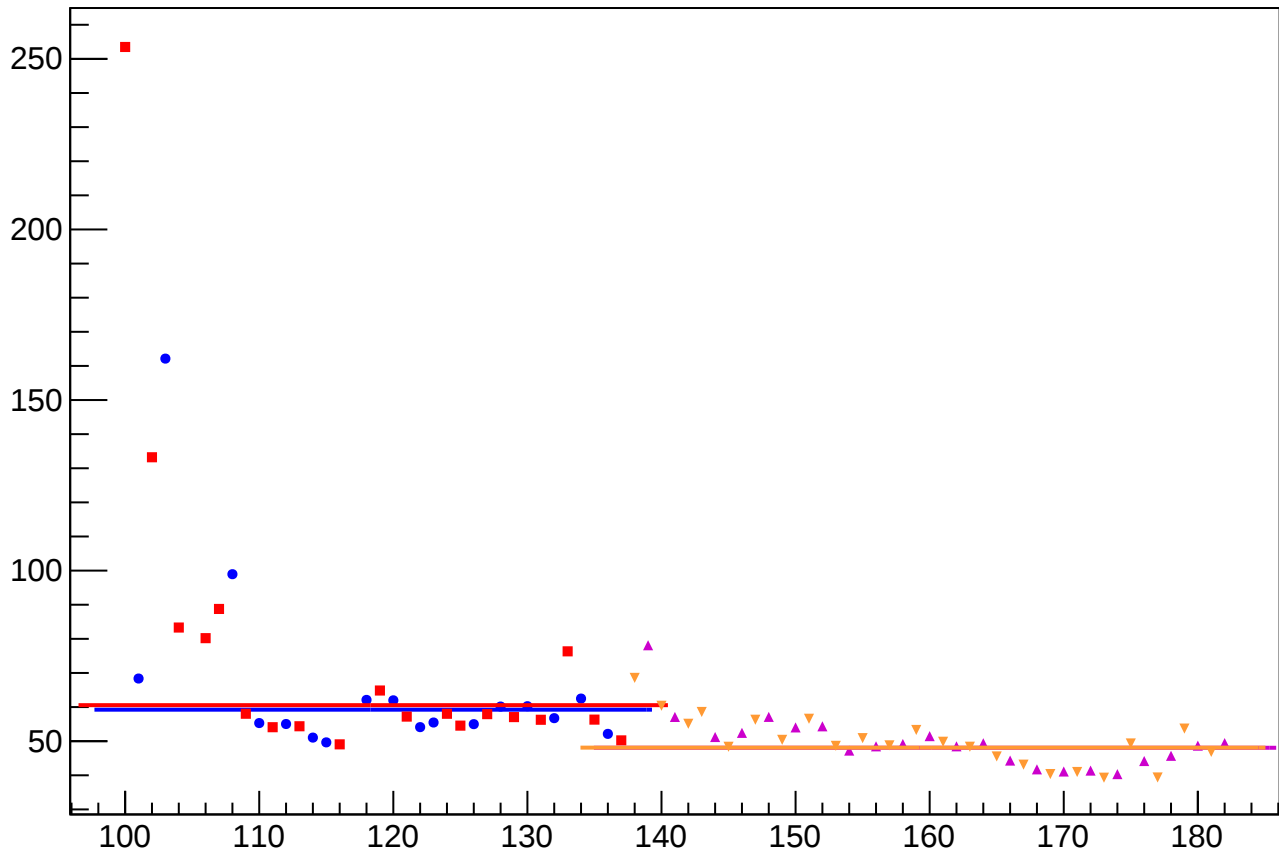
Left In: 18.113 ± 11.730 χ^2/NDF : 23.2/21

+ sign 1.010 ± 10.471 χ^2/NDF : 72.2/39

All: 2.962 ± 7.420 χ^2/NDF : 118.9/80

- sign 4.931 ± 10.515 χ^2/NDF : 46.7/40

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.236 $\pm$ 0.017 χ^2 /NDF: 665304.8/16

Left Out: 48.111 $\pm$ 0.008 χ^2 /NDF: 640269.6/22

Right Out: 60.558 $\pm$ 0.017 χ^2 /NDF: 678218.1/18

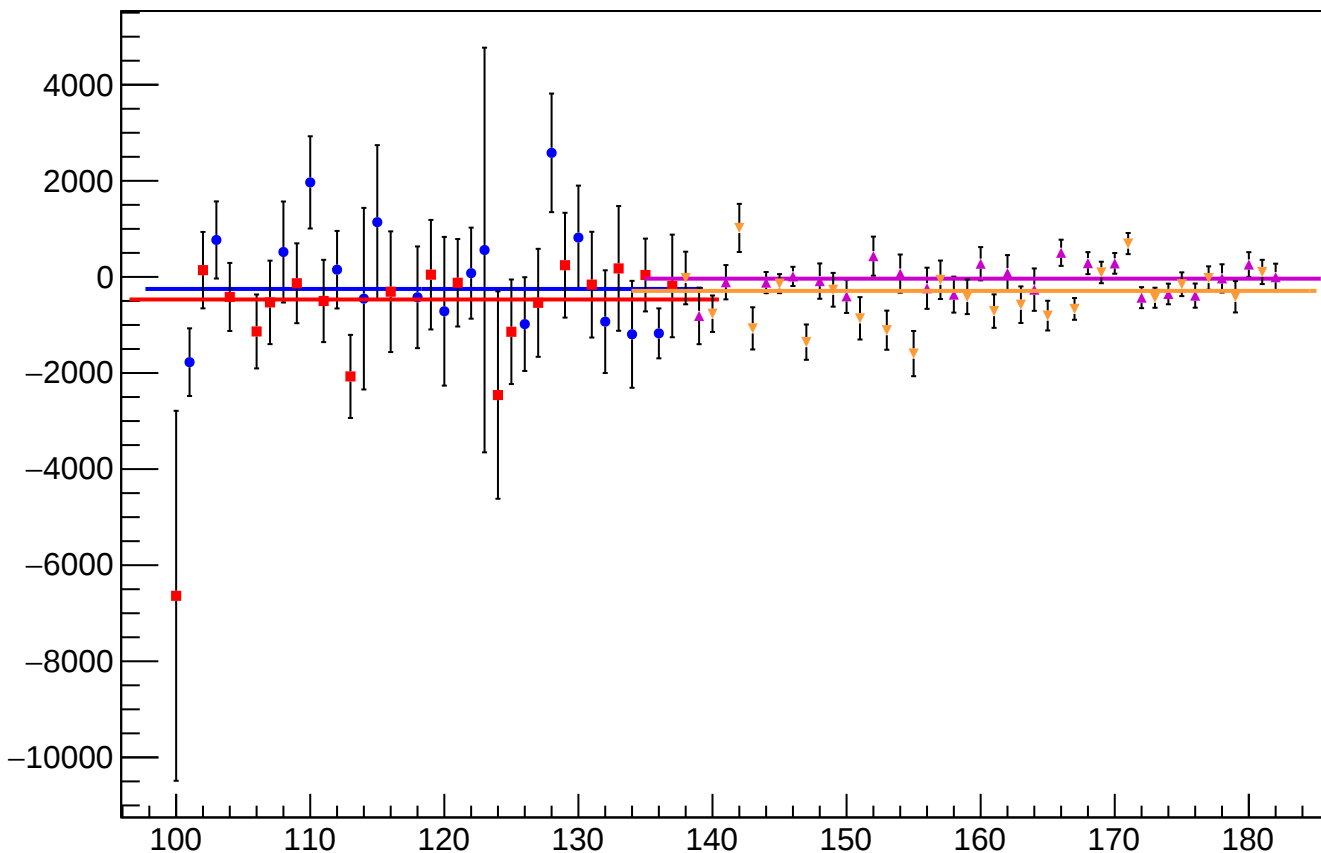
Left In: 48.070 $\pm$ 0.008 χ^2 /NDF: 569941.0/21

+ sign 50.265 $\pm$ 0.007 χ^2 /NDF: 1658132.6/39

All: 50.393 $\pm$ 0.005 χ^2 /NDF: 3351962.4/80

- sign 50.522 $\pm$ 0.007 χ^2 /NDF: 1693230.1/40

asym_sam_37_dd_correction_mean vs Slug



Right In: -250.295 $\pm$ 234.463 χ^2/NDF : 24.6/16

Left Out: -290.672 $\pm$ 62.378 χ^2/NDF : 69.7/22

Right Out: -469.693 $\pm$ 222.800 χ^2/NDF : 10.4/18

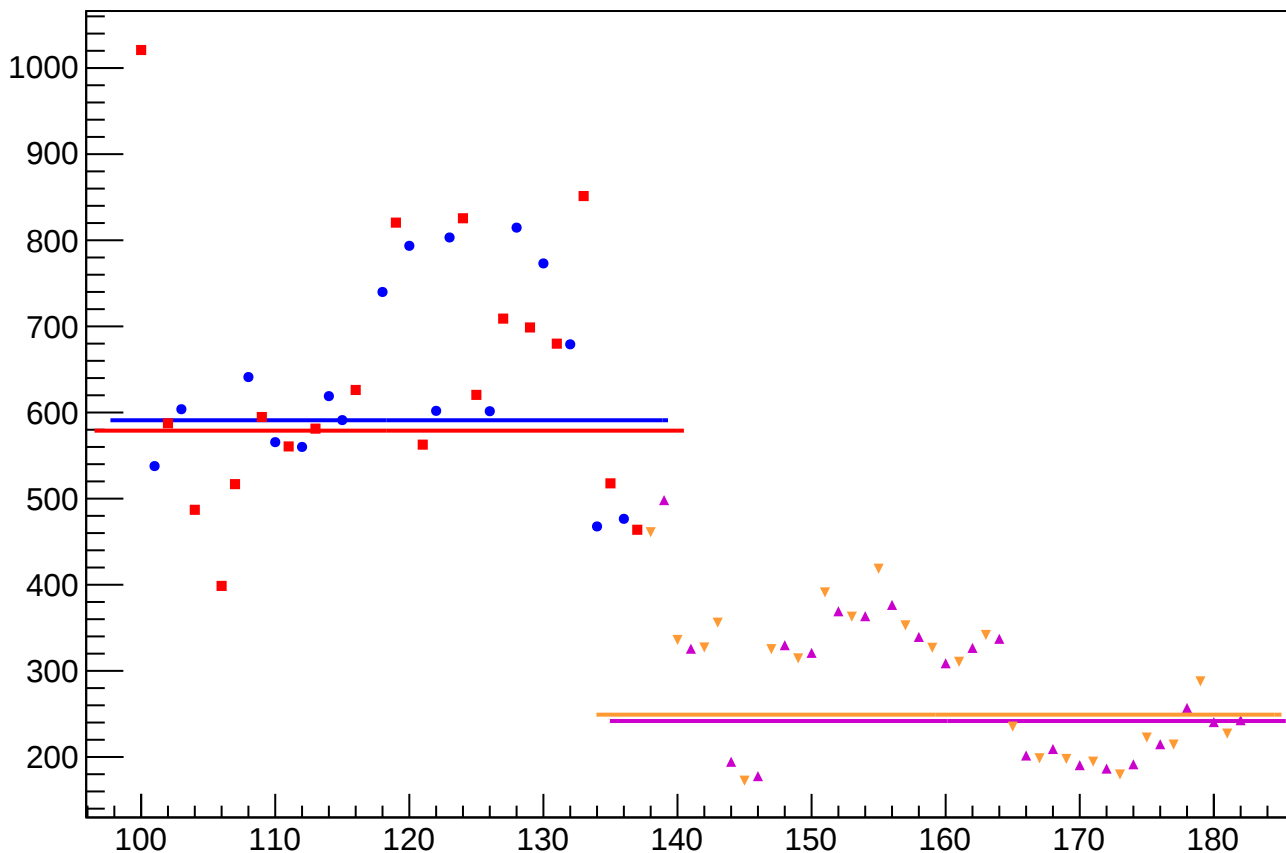
Left In: -36.395 $\pm$ 60.881 χ^2/NDF : 23.5/21

+ sign -288.003 $\pm$ 60.281 χ^2/NDF : 94.3/39

All: -174.363 $\pm$ 42.065 χ^2/NDF : 138.7/80

- sign -66.501 $\pm$ 58.728 χ^2/NDF : 37.4/40

asym_sam_37_dd_correction_rms vs Slug



Right In: 591.003 $\pm$ 0.166 χ^2 /NDF: 358207.6/16

Left Out: 249.156 $\pm$ 0.044 χ^2 /NDF:2716445.4/22

Right Out: 578.937 $\pm$ 0.158 χ^2 /NDF: 496440.2/18

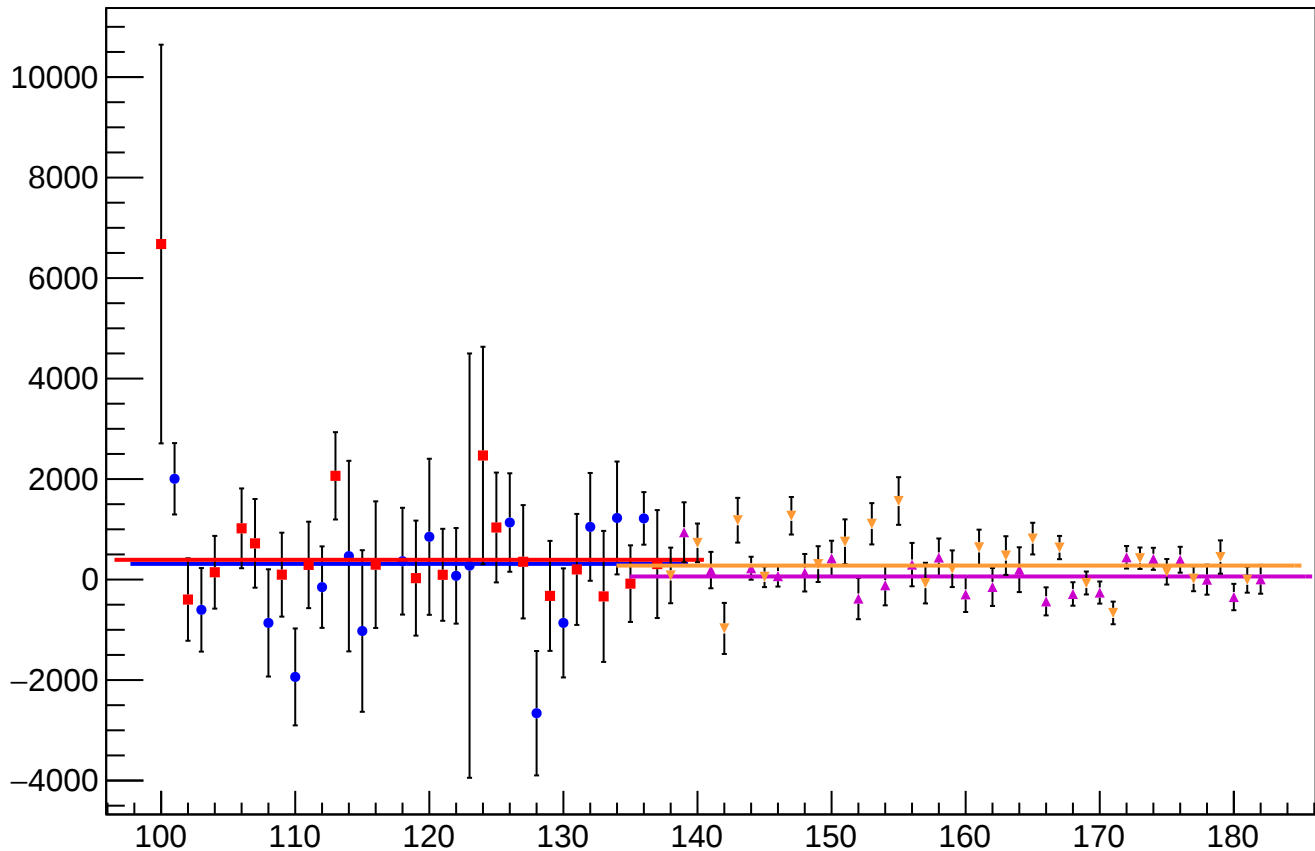
Left In: 241.766 $\pm$ 0.043 χ^2 /NDF:2461608.5/21

+ sign 271.752 $\pm$ 0.043 χ^2 /NDF: 7045144.1/39

All: 268.387 $\pm$ 0.030 χ^2 /NDF: 14277472.5/80

- sign 265.193 $\pm$ 0.042 χ^2 /NDF: 7220177.5/40

asym_sam_37_dd_mean vs Slug



Right In: 312.362 $\pm$ 236.449 χ^2/NDF : 26.5/16

Left Out: 278.343 $\pm$ 63.652 χ^2/NDF : 63.0/22

Right Out: 393.265 $\pm$ 225.354 χ^2/NDF : 10.8/18

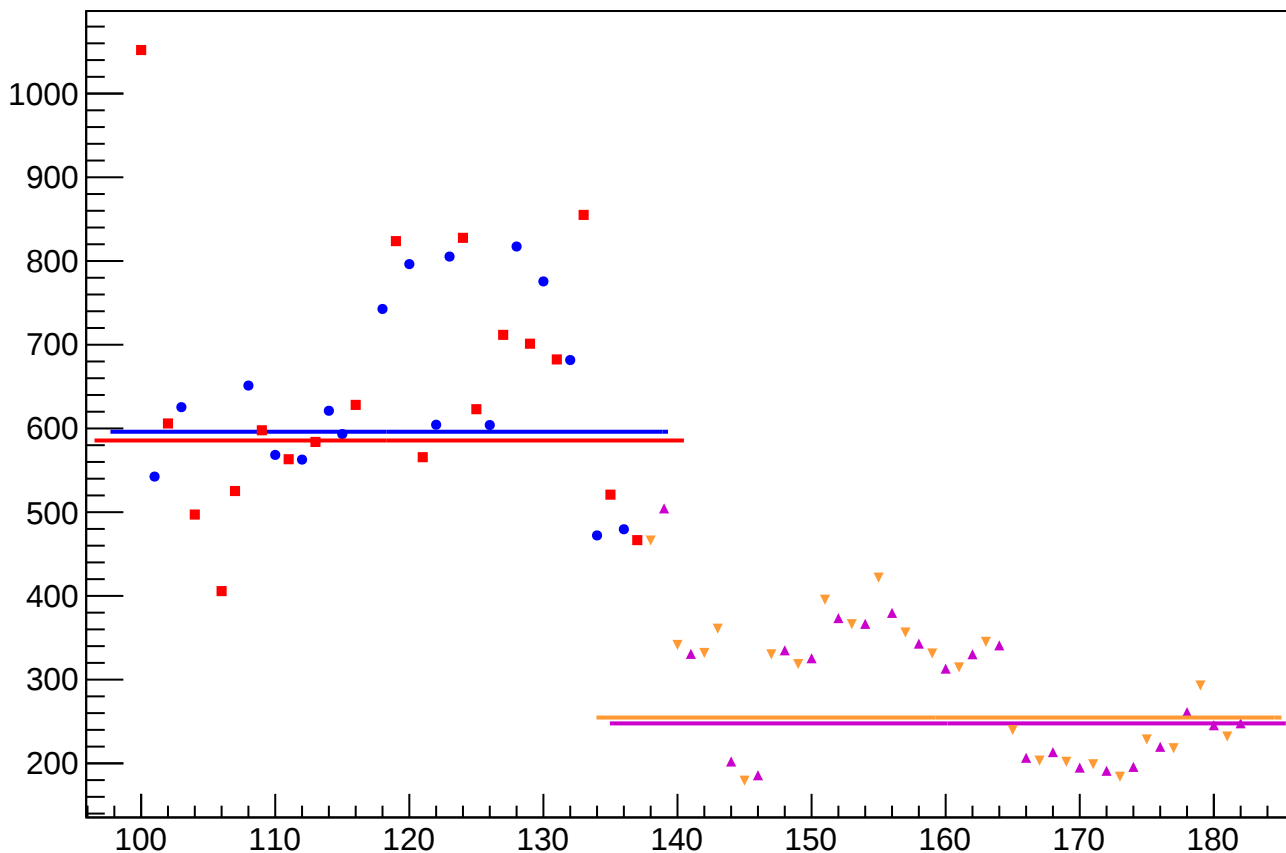
Left In: 61.569 $\pm$ 62.243 χ^2/NDF : 25.1/21

+ sign 280.641 $\pm$ 61.463 χ^2/NDF : 89.5/39

All: 180.500 $\pm$ 42.933 χ^2/NDF : 132.6/80

- sign 85.080 $\pm$ 59.997 χ^2/NDF : 37.9/40

asym_sam_37_dd_rms vs Slug



Right In: 596.086 $\pm$ 0.167 χ^2 /NDF: 355935.3/16

Left Out: 254.726 $\pm$ 0.045 χ^2 /NDF:2603502.4/22

Right Out: 585.628 $\pm$ 0.159 χ^2 /NDF: 476874.8/18

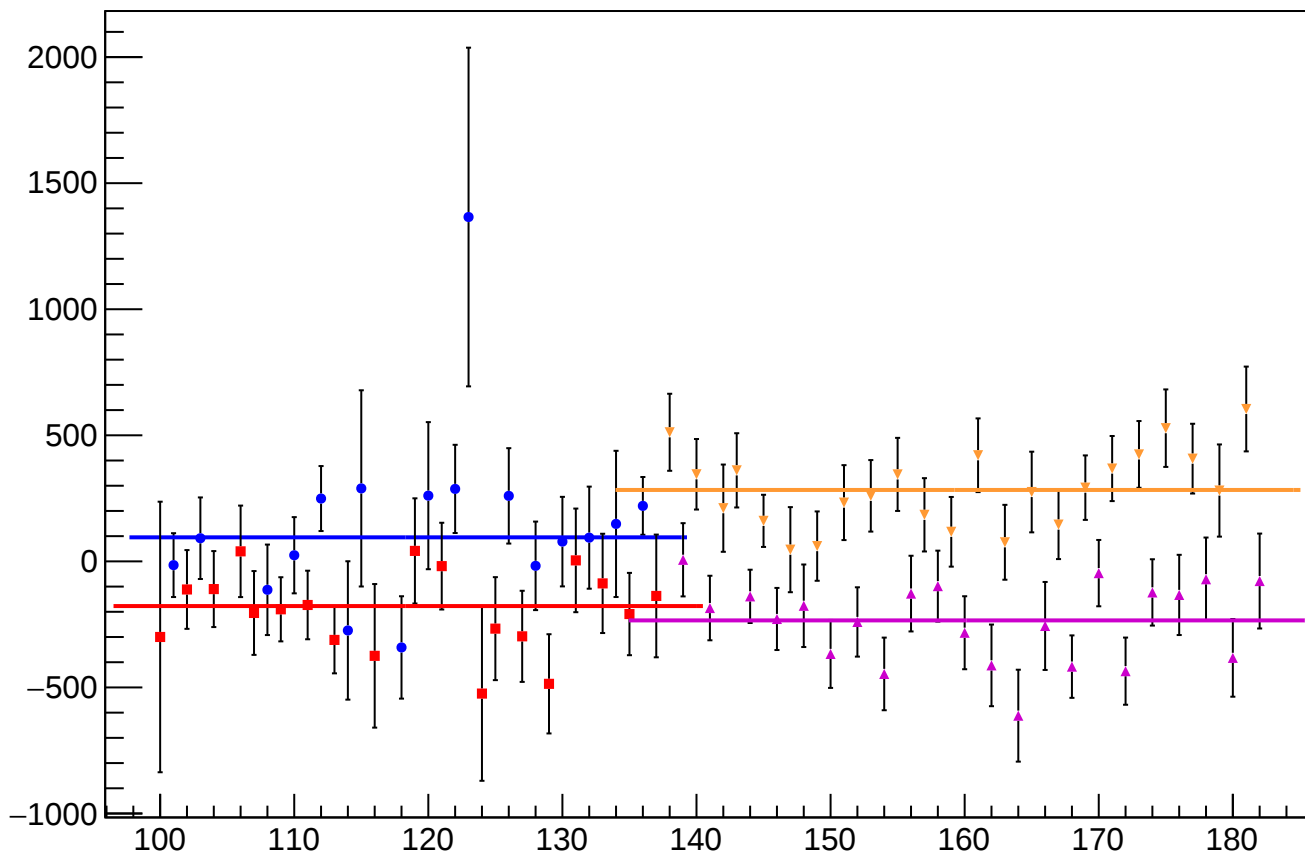
Left In: 247.722 $\pm$ 0.044 χ^2 /NDF:2339105.3/21

+ sign 277.792 $\pm$ 0.043 χ^2 /NDF: 6846268.1/39

All: 274.659 $\pm$ 0.030 χ^2 /NDF: 13850362.2/80

- sign 271.673 $\pm$ 0.042 χ^2 /NDF: 6993942.7/40

reg_asym_sam_48_dd_mean vs Slug



Right In: 95.316 ± 43.397 χ^2/NDF : 17.9/16

Left Out: 283.231 ± 29.882 χ^2/NDF : 23.5/22

Right Out: -177.269 ± 41.181 χ^2/NDF : 10.5/18

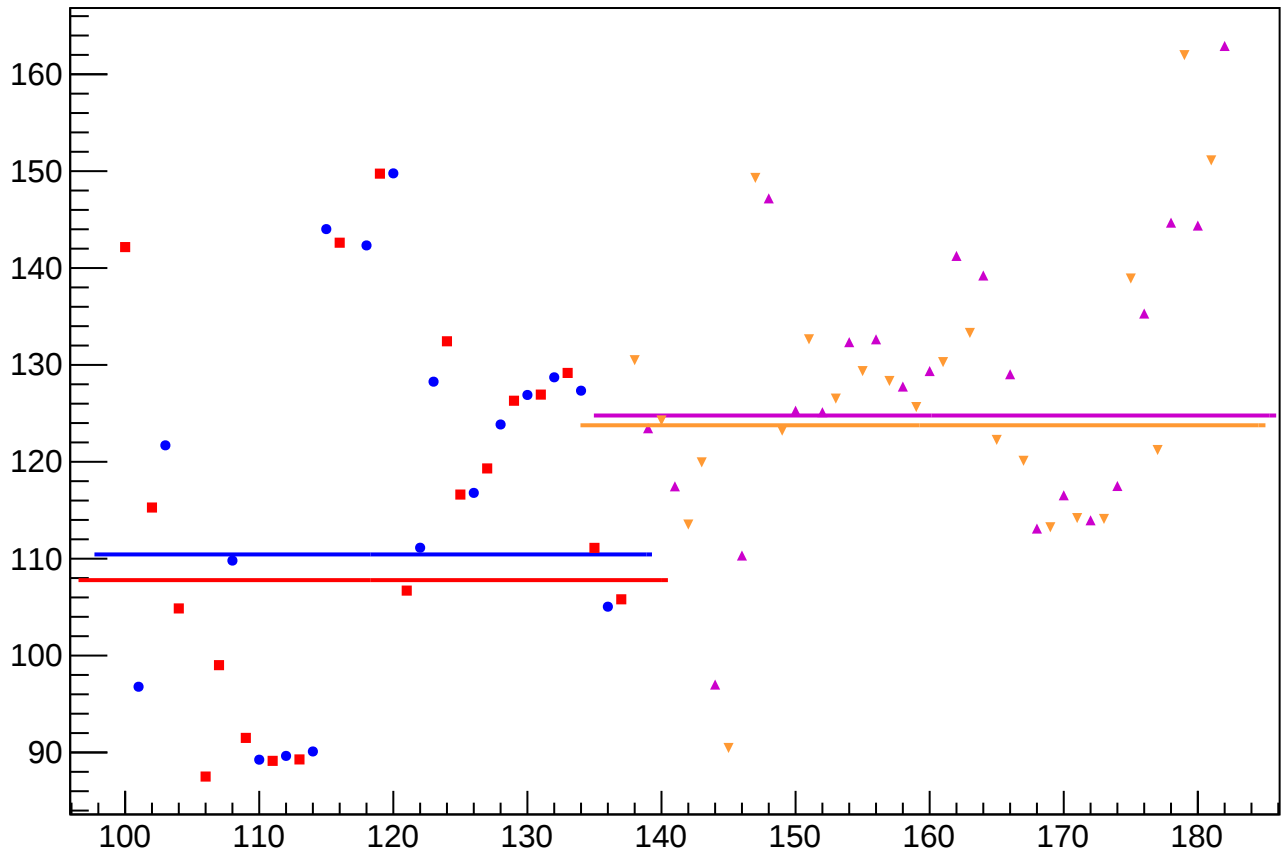
Left In: -234.125 ± 30.362 χ^2/NDF : 24.3/21

+ sign 222.791 ± 24.611 χ^2/NDF : 54.2/39

All: 2.801 ± 17.341 χ^2/NDF : 248.9/80

- sign -214.103 ± 24.438 χ^2/NDF : 36.0/40

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.439 ± 0.031 χ^2/NDF : 296029.7/16

Left Out: 123.770 ± 0.021 χ^2/NDF : 487980.9/22

Right Out: 107.787 ± 0.029 χ^2/NDF : 346139.4/18

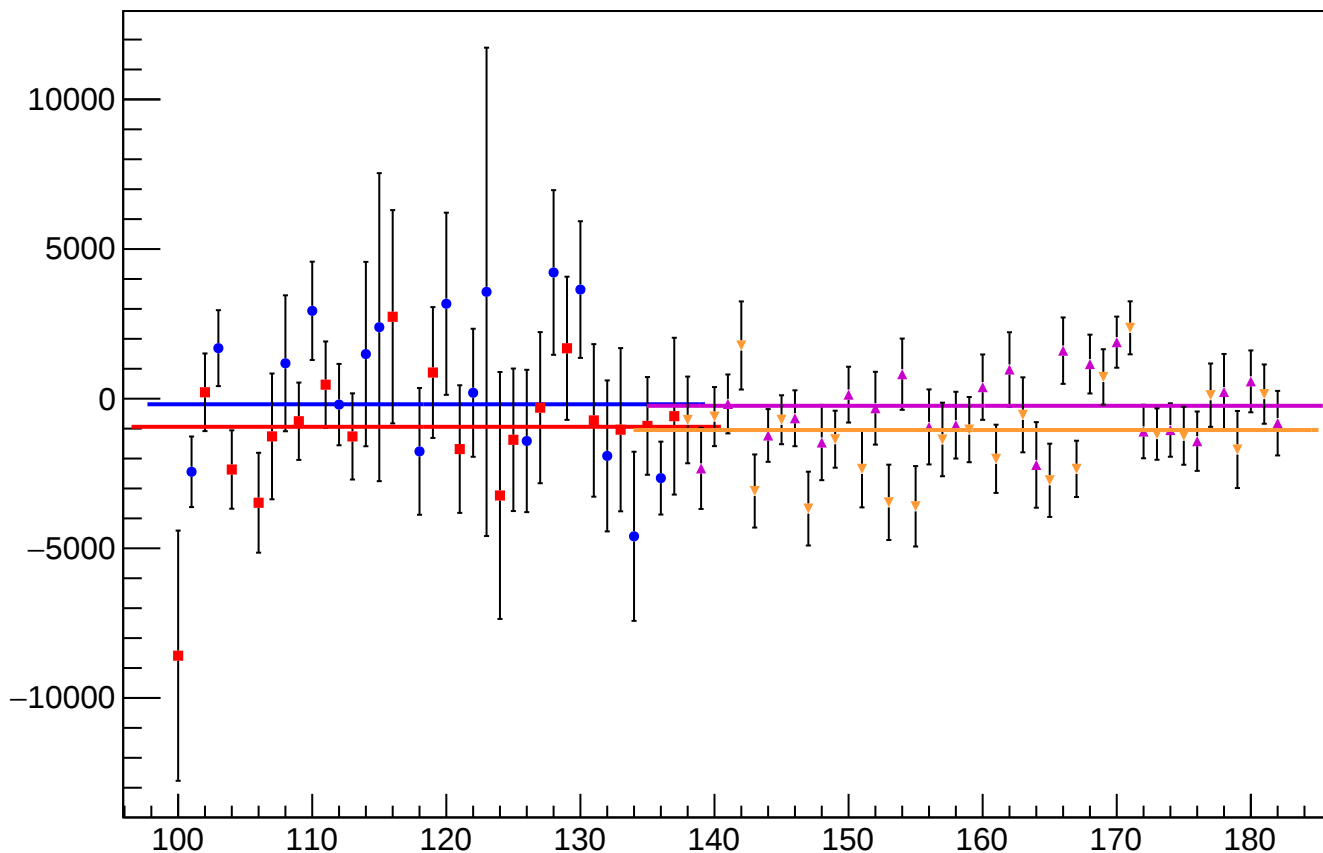
Left In: 124.779 ± 0.021 χ^2/NDF : 455469.4/21

+ sign 119.482 ± 0.017 χ^2/NDF : 912028.2/39

All: 119.136 ± 0.012 χ^2/NDF : 1935007.8/80

- sign 118.795 ± 0.017 χ^2/NDF : 1022194.1/40

asym_sam_48_dd_correction_mean vs Slug



Right In: -186.780 ± 465.749 χ^2/NDF : 25.0/16

Left Out: -1047.506 ± 224.932 χ^2/NDF : 46.1/22

Right Out: -939.774 ± 435.810 χ^2/NDF : 12.2/18

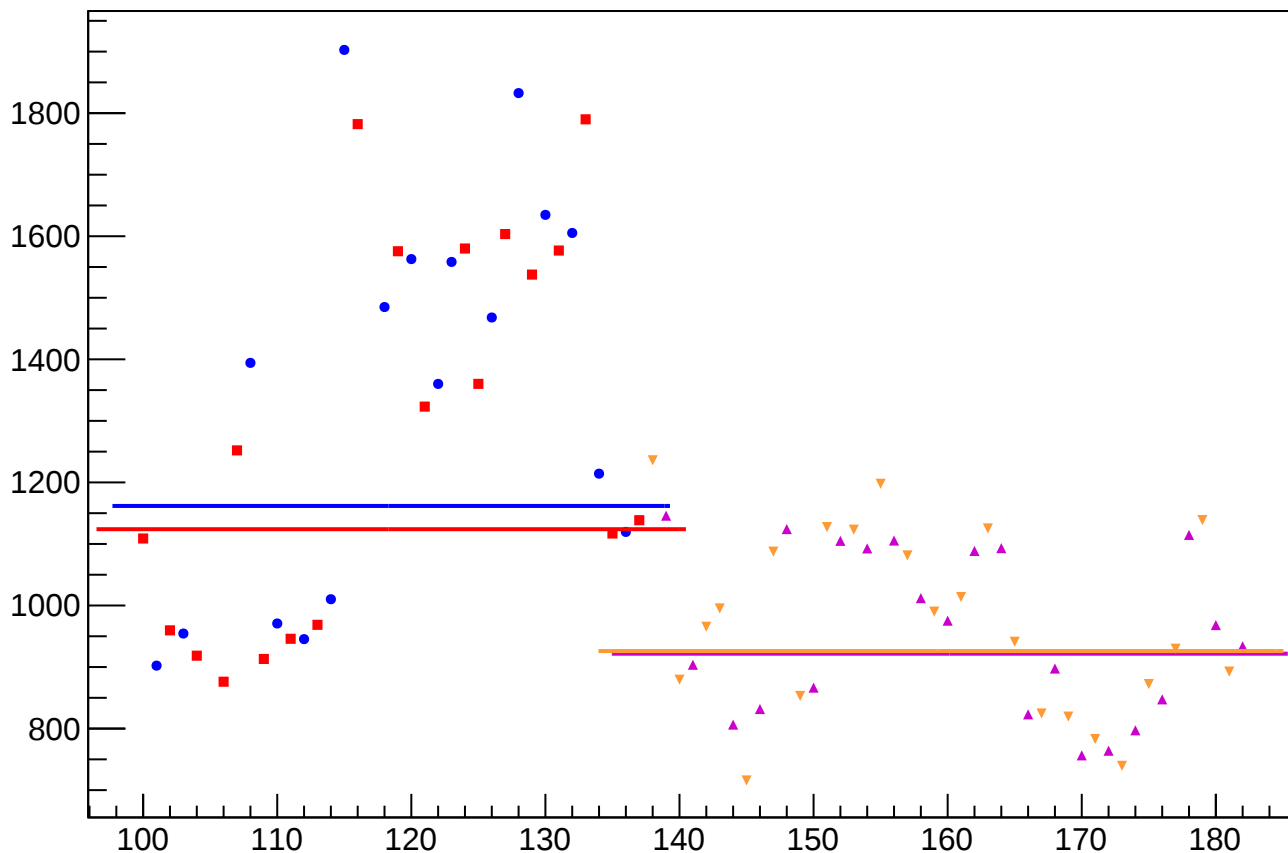
Left In: -237.707 ± 225.049 χ^2/NDF : 24.8/21

+ sign -884.720 ± 202.548 χ^2/NDF : 73.9/39

All: -631.907 ± 142.300 χ^2/NDF : 116.0/80

- sign -385.509 ± 199.962 χ^2/NDF : 39.0/40

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.775 $\pm$ 0.329 χ^2/NDF : 701230.3/16

Left Out: 925.985 $\pm$ 0.159 χ^2/NDF : 822893.4/22

Right Out: 1123.975 $\pm$ 0.308 χ^2/NDF : 769570.1/18

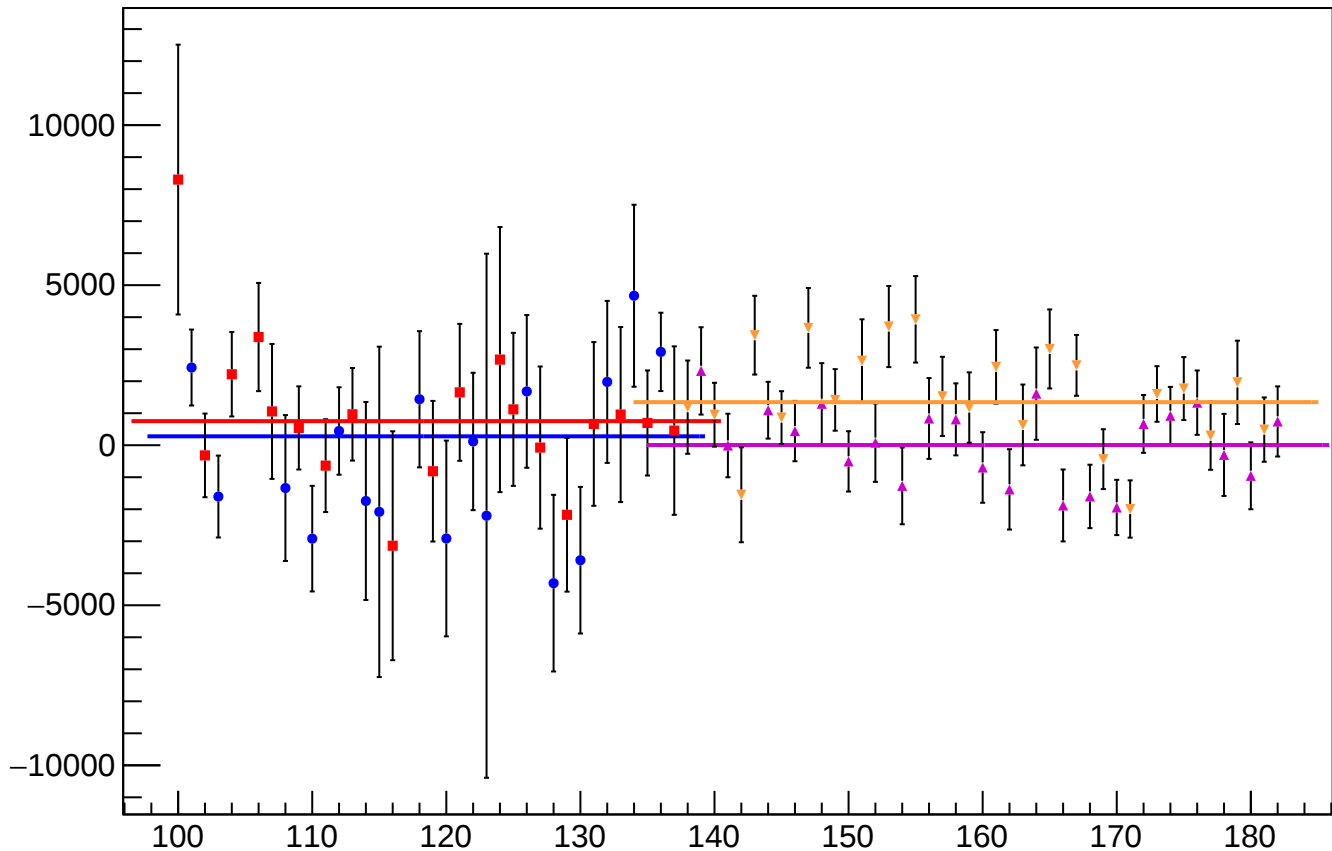
Left In: 921.683 $\pm$ 0.159 χ^2/NDF : 633906.7/21

+ sign 970.579 $\pm$ 0.143 χ^2/NDF : 1939774.2/39

All: 967.384 $\pm$ 0.101 χ^2/NDF : 3684432.2/80

- sign 964.270 $\pm$ 0.141 χ^2/NDF : 1743675.2/40

asym_sam_48_dd_mean vs Slug



Right In: 277.871 ± 468.037 χ^2/NDF : 25.3/16

Left Out: 1346.250 ± 227.063 χ^2/NDF : 43.1/22

Right Out: 752.527 ± 438.192 χ^2/NDF : 12.2/18

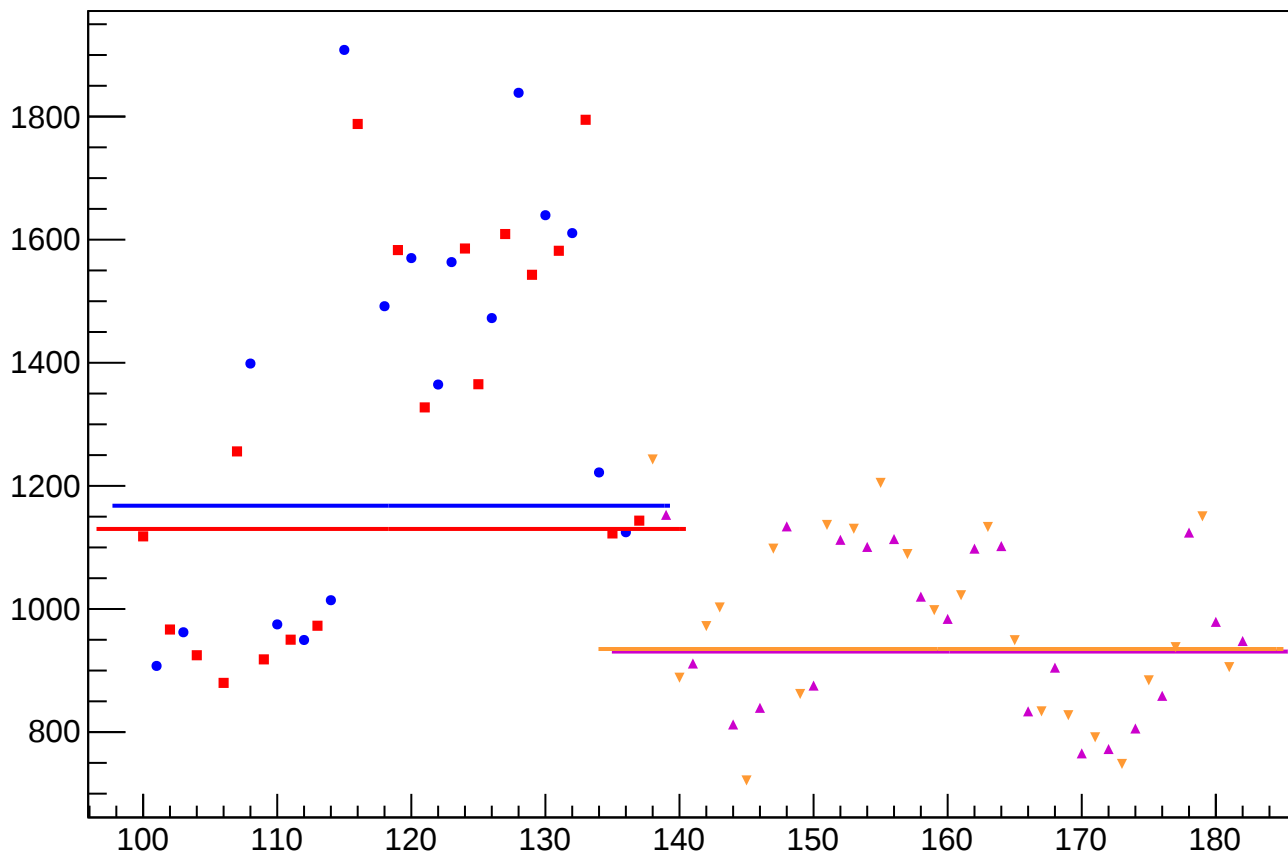
Left In: 5.946 ± 227.237 χ^2/NDF : 26.1/21

+ sign 1142.702 ± 204.292 χ^2/NDF : 72.6/39

All: 647.253 ± 143.540 χ^2/NDF : 124.8/80

- sign 164.169 ± 201.726 χ^2/NDF : 40.6/40

asym_sam_48_dd_rms vs Slug



Right In: 1167.786 $\pm$ 0.331 χ^2 /NDF: 695715.2/16

Left Out: 934.998 $\pm$ 0.161 χ^2 /NDF: 810489.0/22

Right Out: 1130.045 $\pm$ 0.310 χ^2 /NDF: 763293.9/18

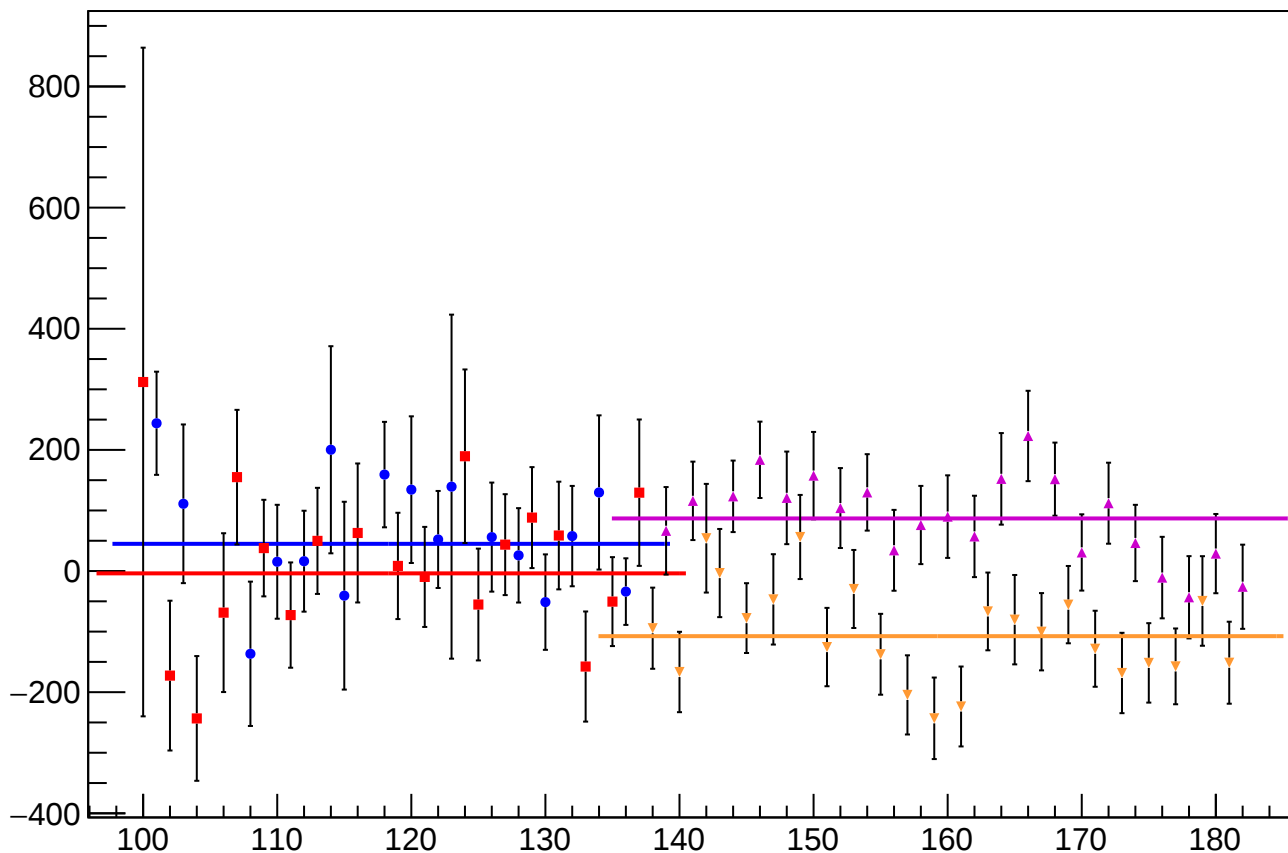
Left In: 930.835 $\pm$ 0.161 χ^2 /NDF: 623342.0/21

+ sign 979.349 $\pm$ 0.144 χ^2 /NDF: 1906698.5/39

All: 976.162 $\pm$ 0.101 χ^2 /NDF: 3620049.5/80

- sign 973.054 $\pm$ 0.143 χ^2 /NDF: 1712389.3/40

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 44.919 ± 22.614 χ^2/NDF : 15.9/16

Left Out: -107.526 ± 13.965 χ^2/NDF : 28.0/22

Right Out: -3.849 ± 22.193 χ^2/NDF : 20.2/18

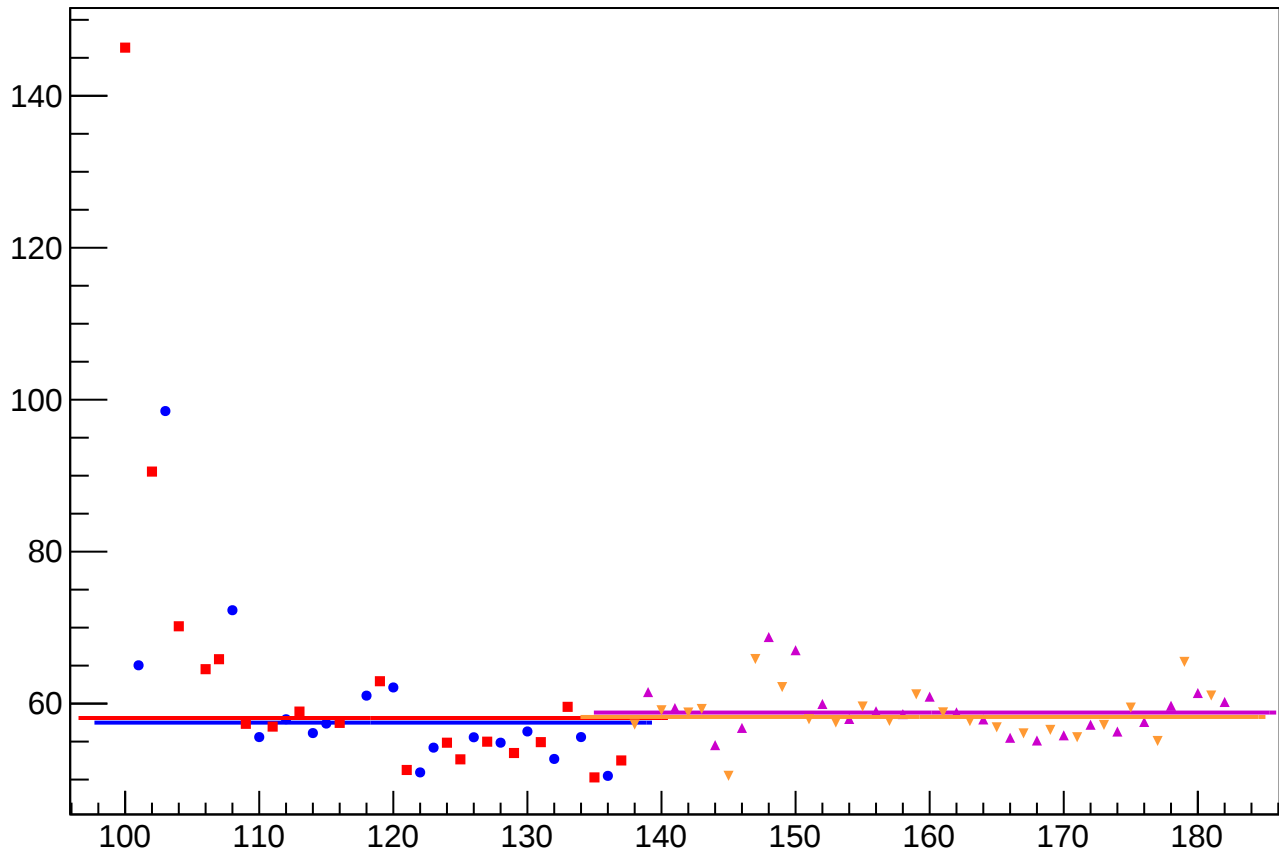
Left In: 86.824 ± 14.214 χ^2/NDF : 21.3/21

+ sign -65.442 ± 11.882 χ^2/NDF : 76.8/39

All: -2.957 ± 8.433 χ^2/NDF : 185.9/80

- sign 60.450 ± 11.969 χ^2/NDF : 53.4/40

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.495 ± 0.016 χ^2/NDF : 306695.7/16

Left Out: 58.242 ± 0.010 χ^2/NDF : 107301.6/22

Right Out: 58.105 ± 0.016 χ^2/NDF : 298191.3/18

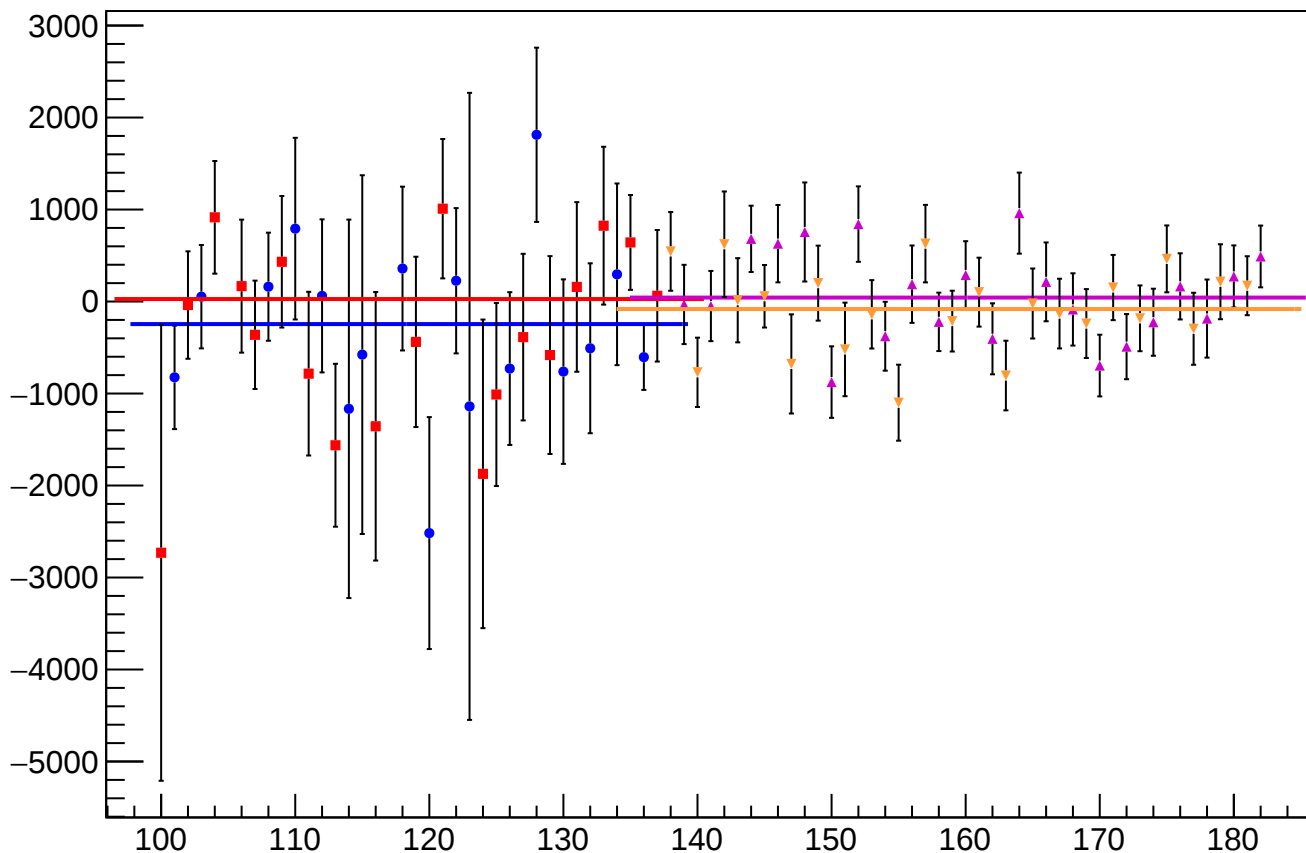
Left In: 58.821 ± 0.010 χ^2/NDF : 103550.8/21

+ sign 58.036 ± 0.008 χ^2/NDF : 415576.5/39

All: 58.322 ± 0.006 χ^2/NDF : 821137.9/80

- sign 58.613 ± 0.008 χ^2/NDF : 403220.1/40

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -245.129 $\pm$ 184.410 χ^2/NDF : 14.1/16

Left Out: -81.638 $\pm$ 81.393 χ^2/NDF : 27.1/22

Right Out: 27.129 $\pm$ 182.149 χ^2/NDF : 16.2/18

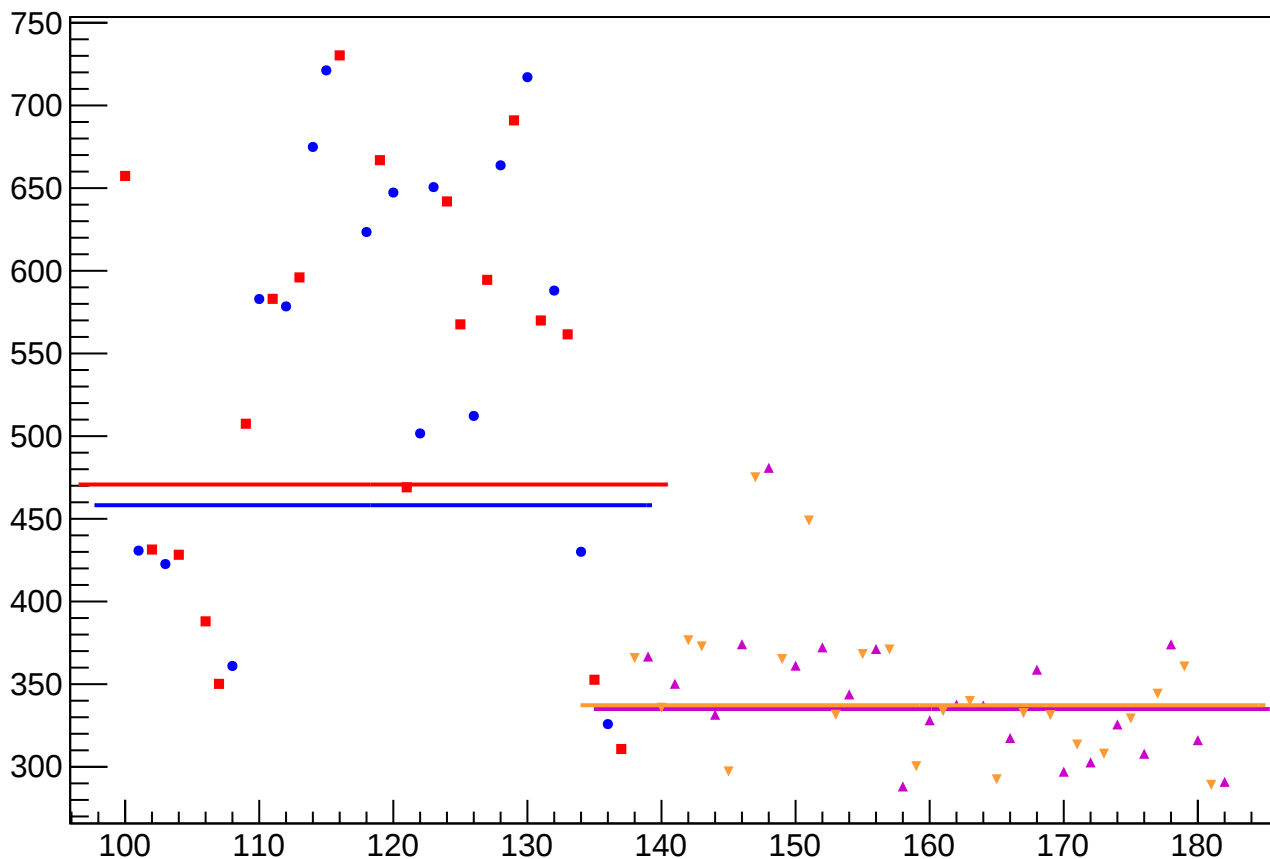
Left In: 42.894 $\pm$ 81.413 χ^2/NDF : 35.1/21

+ sign -108.294 $\pm$ 74.462 χ^2/NDF : 41.9/39

All: -33.877 $\pm$ 52.605 χ^2/NDF : 95.2/80

- sign 40.269 $\pm$ 74.327 χ^2/NDF : 51.3/40

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.231 $\pm$ 0.130 χ^2/NDF : 879276.8/16

Left Out: 337.253 $\pm$ 0.058 χ^2/NDF : 448994.2/22

Right Out: 470.751 $\pm$ 0.129 χ^2/NDF : 781964.3/18

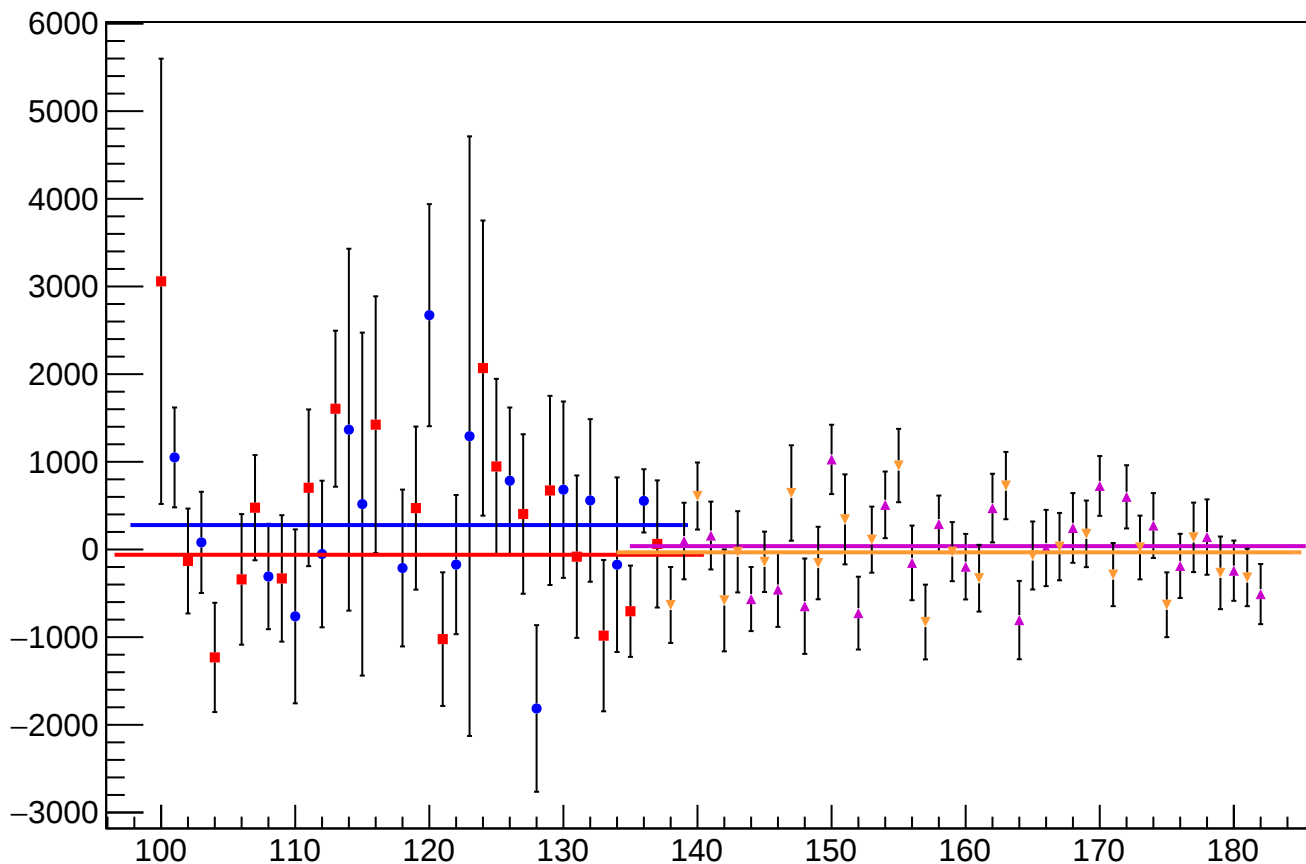
Left In: 334.969 $\pm$ 0.058 χ^2/NDF : 387558.7/21

+ sign 356.978 $\pm$ 0.053 χ^2/NDF : 2048677.7/39

All: 357.278 $\pm$ 0.037 χ^2/NDF : 4144592.1/80

- sign 357.577 $\pm$ 0.053 χ^2/NDF : 2095849.5/40

asym_sam_13_57_dd_mean vs Slug



Right In: 278.553 ± 186.587 χ^2/NDF : 15.0/16

Left Out: -32.631 ± 82.651 χ^2/NDF : 26.4/22

Right Out: -60.303 ± 184.397 χ^2/NDF : 19.4/18

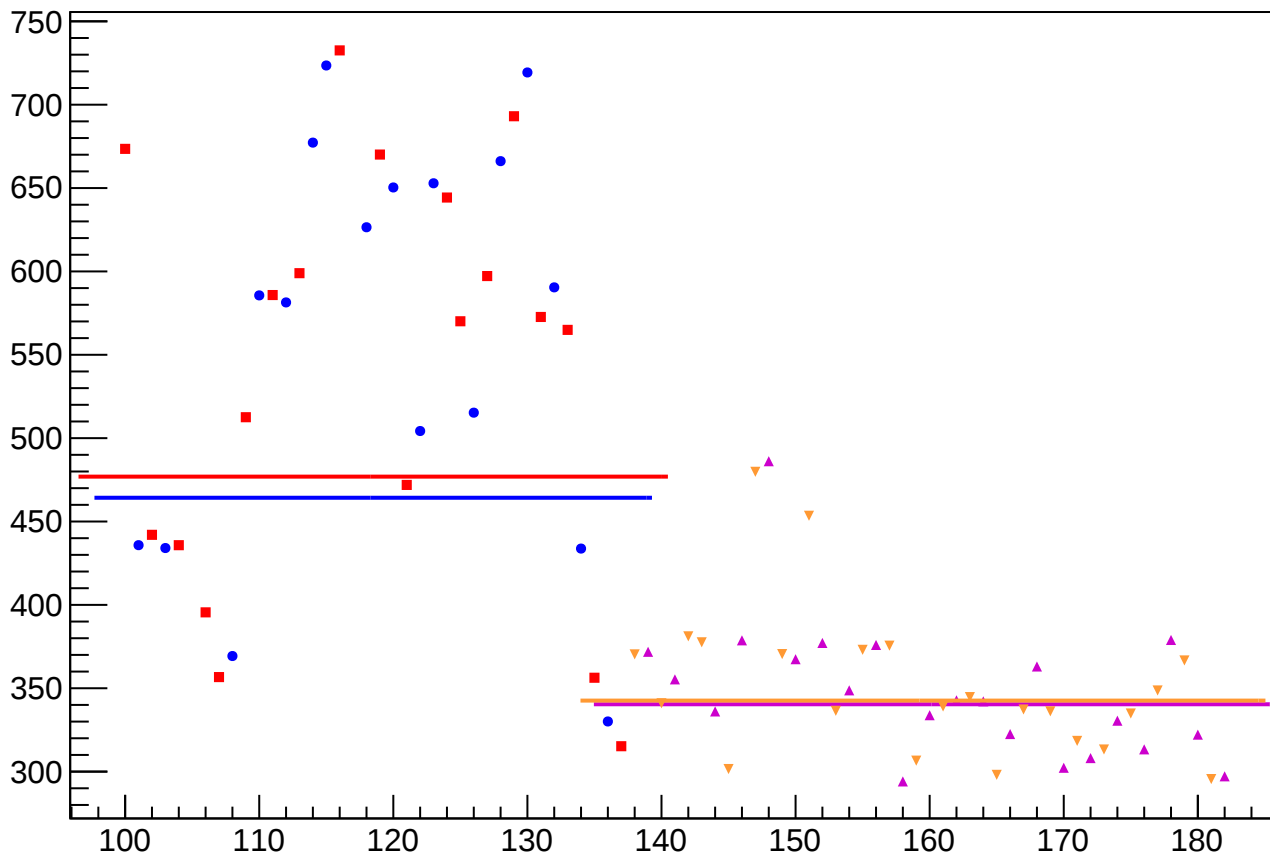
Left In: 38.141 ± 82.704 χ^2/NDF : 33.8/21

+ sign 18.413 ± 75.569 χ^2/NDF : 43.7/39

All: 20.036 ± 53.397 χ^2/NDF : 97.1/80

- sign 21.655 ± 75.461 χ^2/NDF : 53.4/40

asym_sam_13_57_dd_rms vs Slug



Right In: 464.257 $\pm$ 0.132 χ^2 /NDF: 847933.8/16

Left Out: 342.593 $\pm$ 0.058 χ^2 /NDF: 431146.5/22

Right Out: 476.925 $\pm$ 0.130 χ^2 /NDF: 752685.6/18

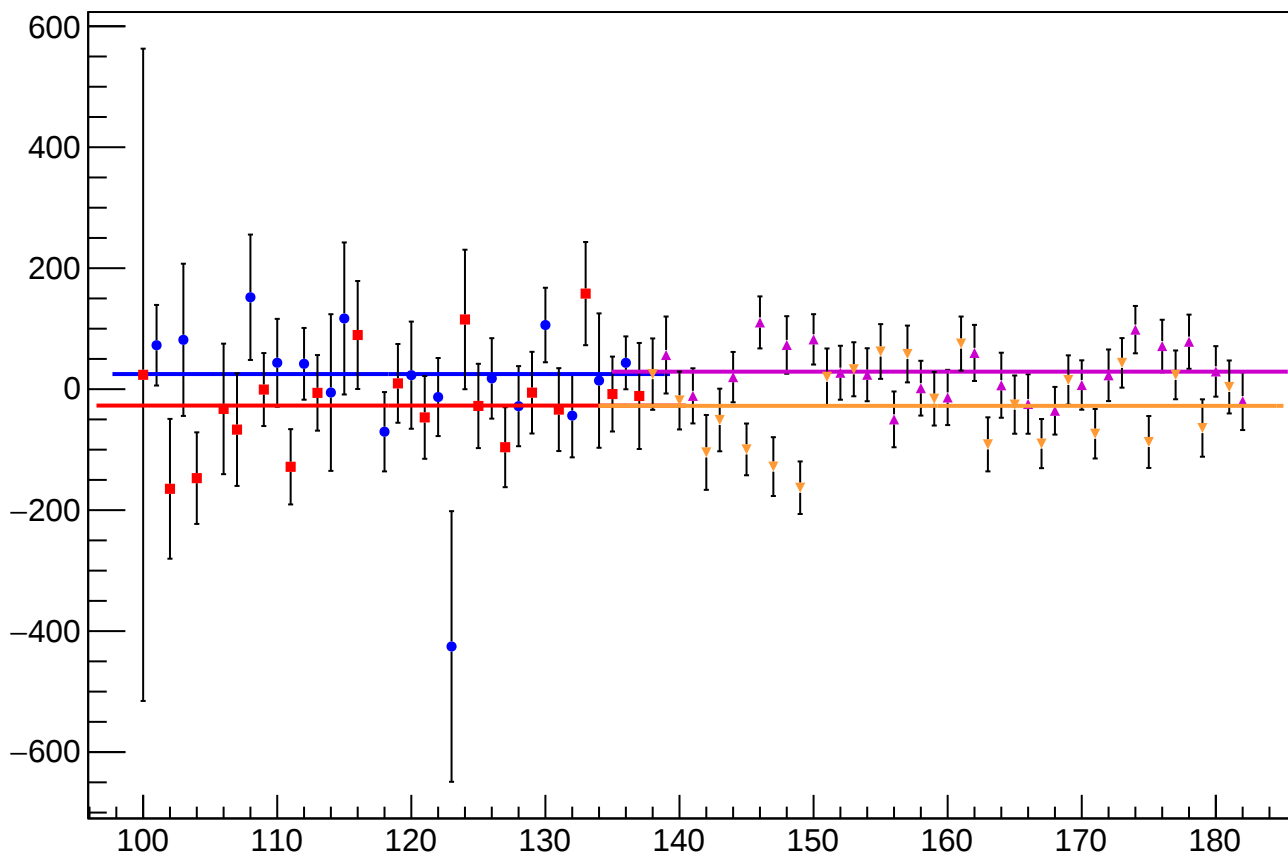
Left In: 340.390 $\pm$ 0.058 χ^2 /NDF: 371492.1/21

+ sign 362.550 $\pm$ 0.053 χ^2 /NDF: 1989933.0/39

All: 362.903 $\pm$ 0.038 χ^2 /NDF: 4027070.5/80

- sign 363.256 $\pm$ 0.053 χ^2 /NDF: 2037050.2/40

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.974 ± 17.871 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -27.558 ± 9.438 $\chi^2/\text{NDF}: 49.4/22$

Right Out: -27.097 ± 17.436 $\chi^2/\text{NDF}: 16.7/18$

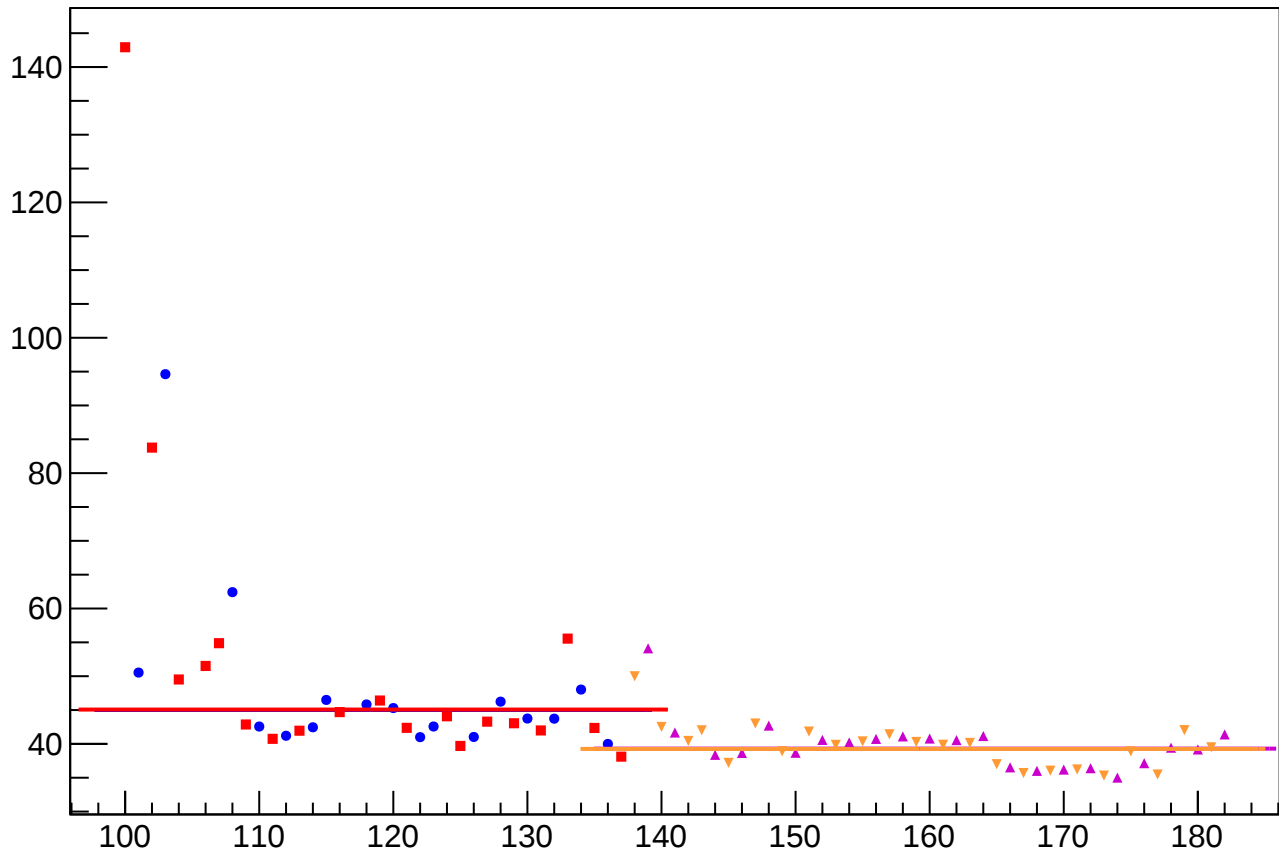
Left In: 28.944 ± 9.518 $\chi^2/\text{NDF}: 22.4/21$

+ sign -16.103 ± 8.346 $\chi^2/\text{NDF}: 69.2/39$

All: -0.030 ± 5.904 $\chi^2/\text{NDF}: 123.7/80$

- sign 16.078 ± 8.355 $\chi^2/\text{NDF}: 47.1/40$

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.010 $\pm$ 0.013 χ^2 /NDF: 438252.0/16

Left Out: 39.255 $\pm$ 0.007 χ^2 /NDF:198874.9/22

Right Out: 45.070 $\pm$ 0.012 χ^2 /NDF: 413668.1/18

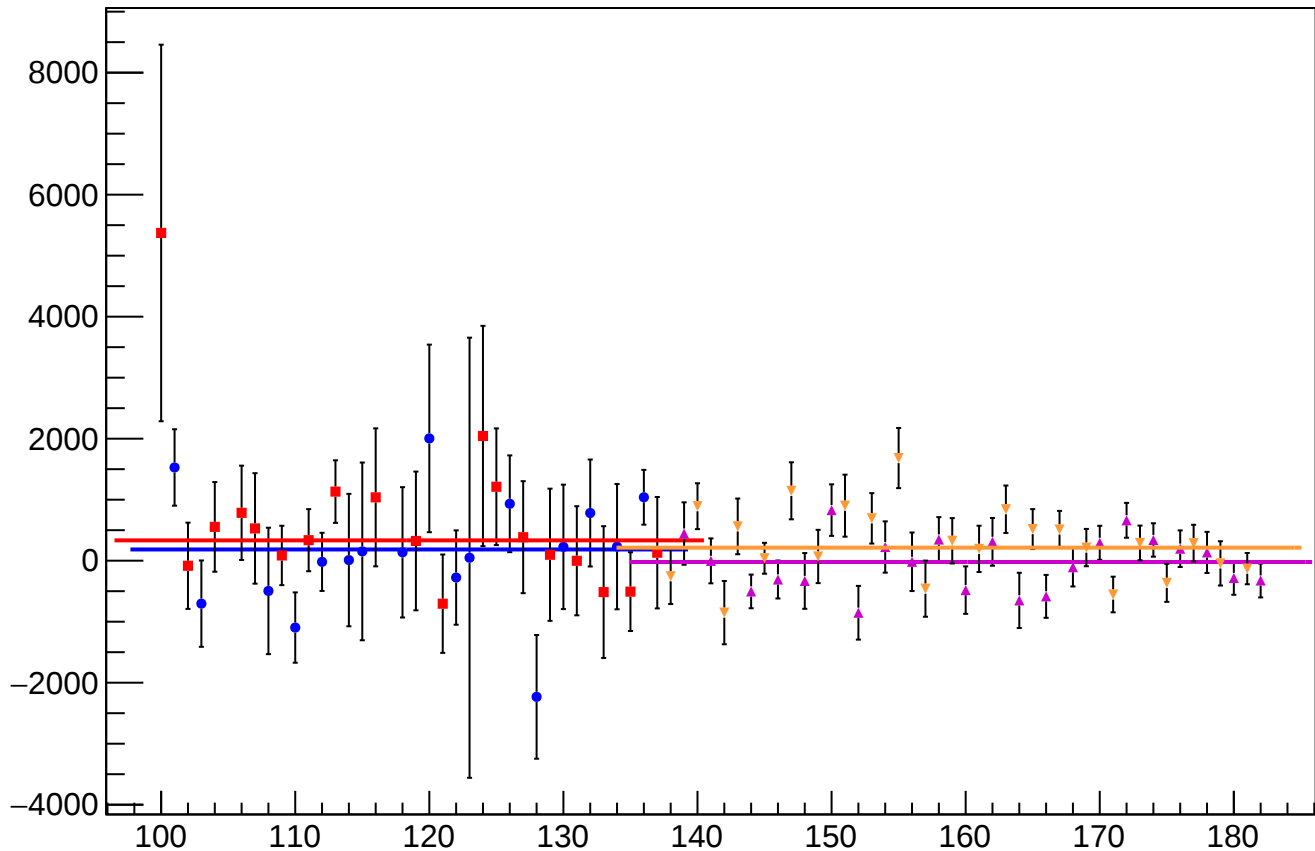
Left In: 39.299 $\pm$ 0.007 χ^2 /NDF:213297.5/21

+ sign 40.510 $\pm$ 0.006 χ^2 /NDF: 799266.0/39

All: 40.567 $\pm$ 0.004 χ^2 /NDF: 1595227.5/80

- sign 40.624 $\pm$ 0.006 χ^2 /NDF: 795775.5/40

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.085 ± 189.043 χ^2/NDF : 24.2/16

Left Out: 213.525 ± 73.680 χ^2/NDF : 45.2/22

Right Out: 333.044 ± 179.692 χ^2/NDF : 12.5/18

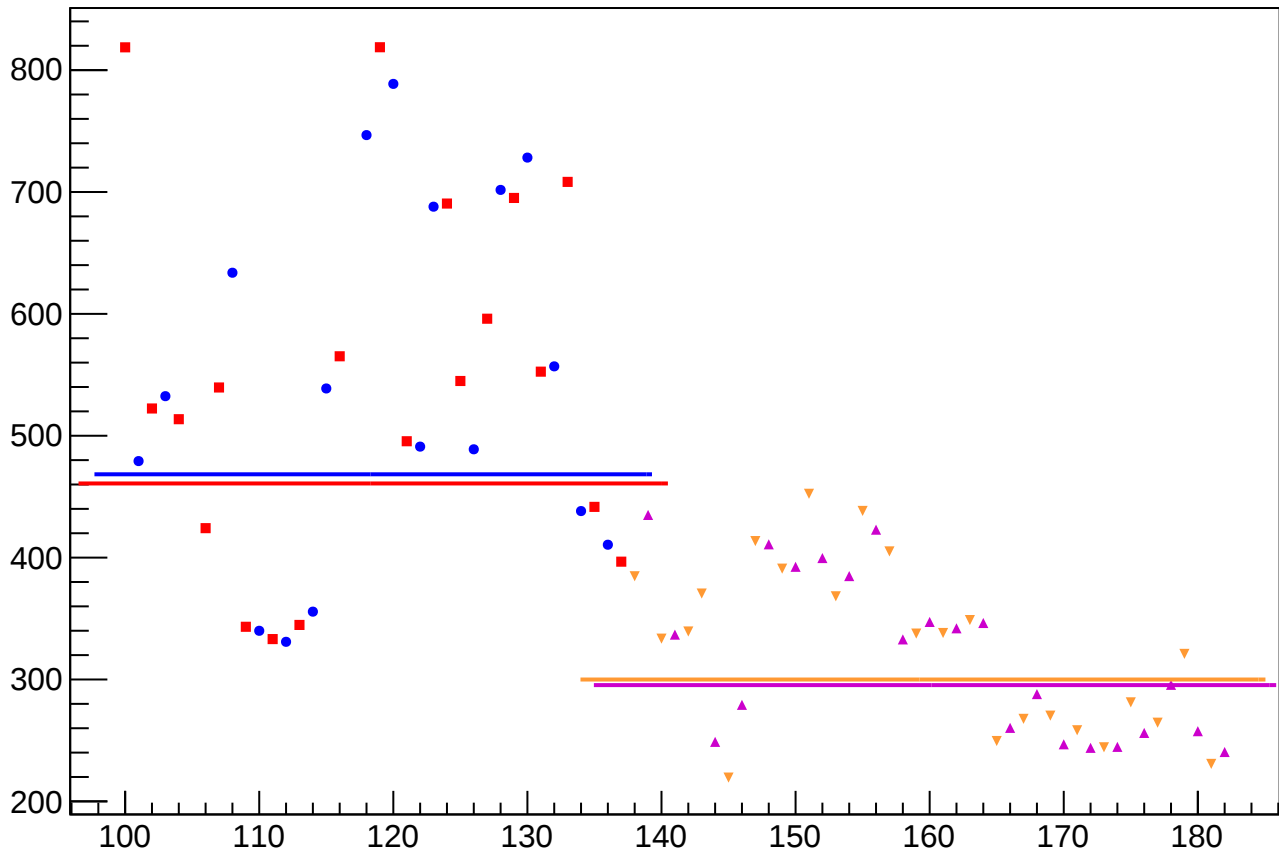
Left In: -21.245 ± 72.880 χ^2/NDF : 32.4/21

+ sign 209.642 ± 68.650 χ^2/NDF : 69.4/39

All: 117.744 ± 48.144 χ^2/NDF : 121.2/80

- sign 28.802 ± 67.536 χ^2/NDF : 48.3/40

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.371+/-0.134 χ^2/NDF : 883769.0/16

Left Out: 299.971+/-0.052 χ^2/NDF : 1513416.3/22

Right Out: 460.849+/-0.127 χ^2/NDF : 958126.5/18

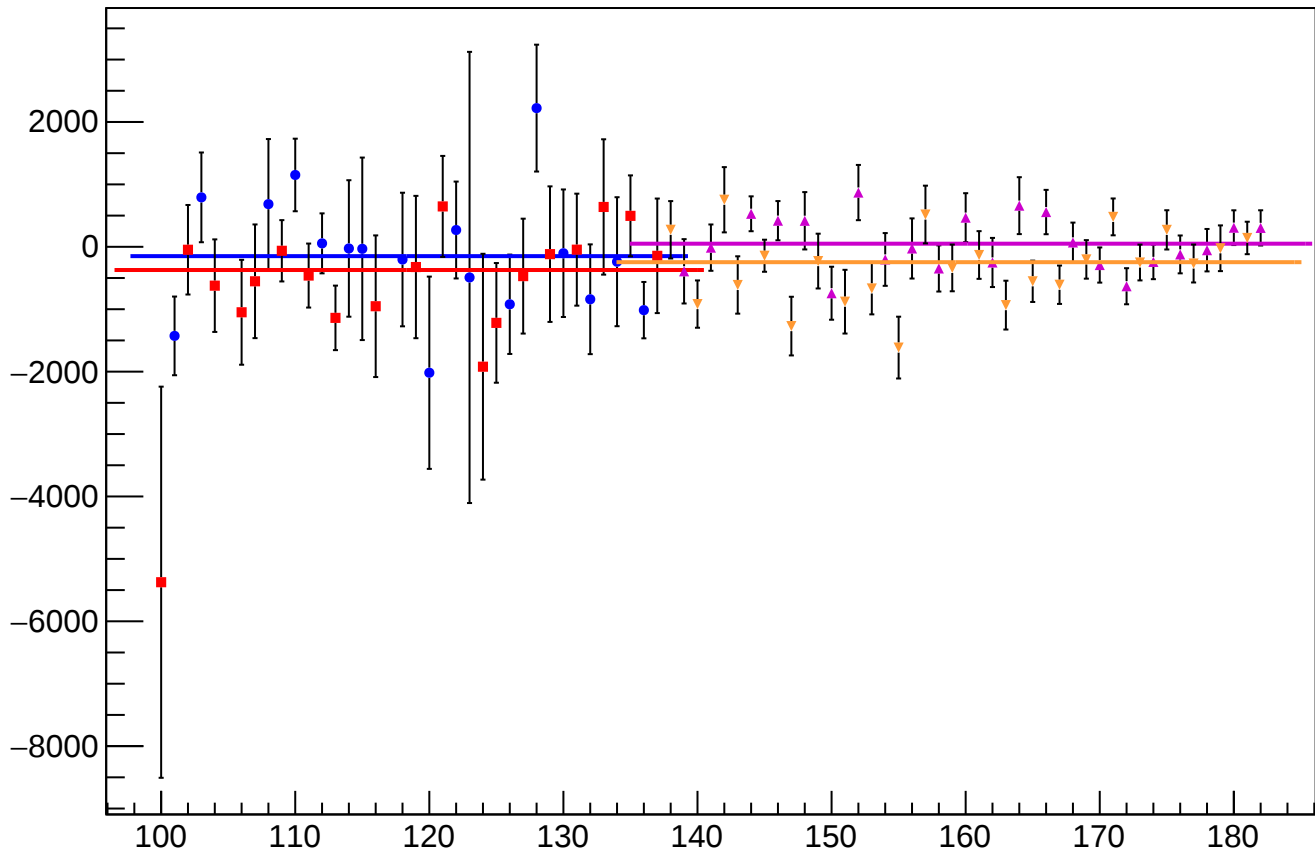
Left In: 295.392+/-0.052 χ^2/NDF : 1289373.5/21

+ sign 322.179+/-0.049 χ^2/NDF : 3774951.6/39

All: 320.444+/-0.034 χ^2/NDF : 7481109.6/80

- sign 318.764+/-0.048 χ^2/NDF : 3703643.3/40

asym_sam_15_37_dd_mean vs Slug



Right In: -149.502 ± 190.216 χ^2/NDF : 24.1/16

Left Out: -246.251 ± 74.358 χ^2/NDF : 43.4/22

Right Out: -371.735 ± 181.576 χ^2/NDF : 12.5/18

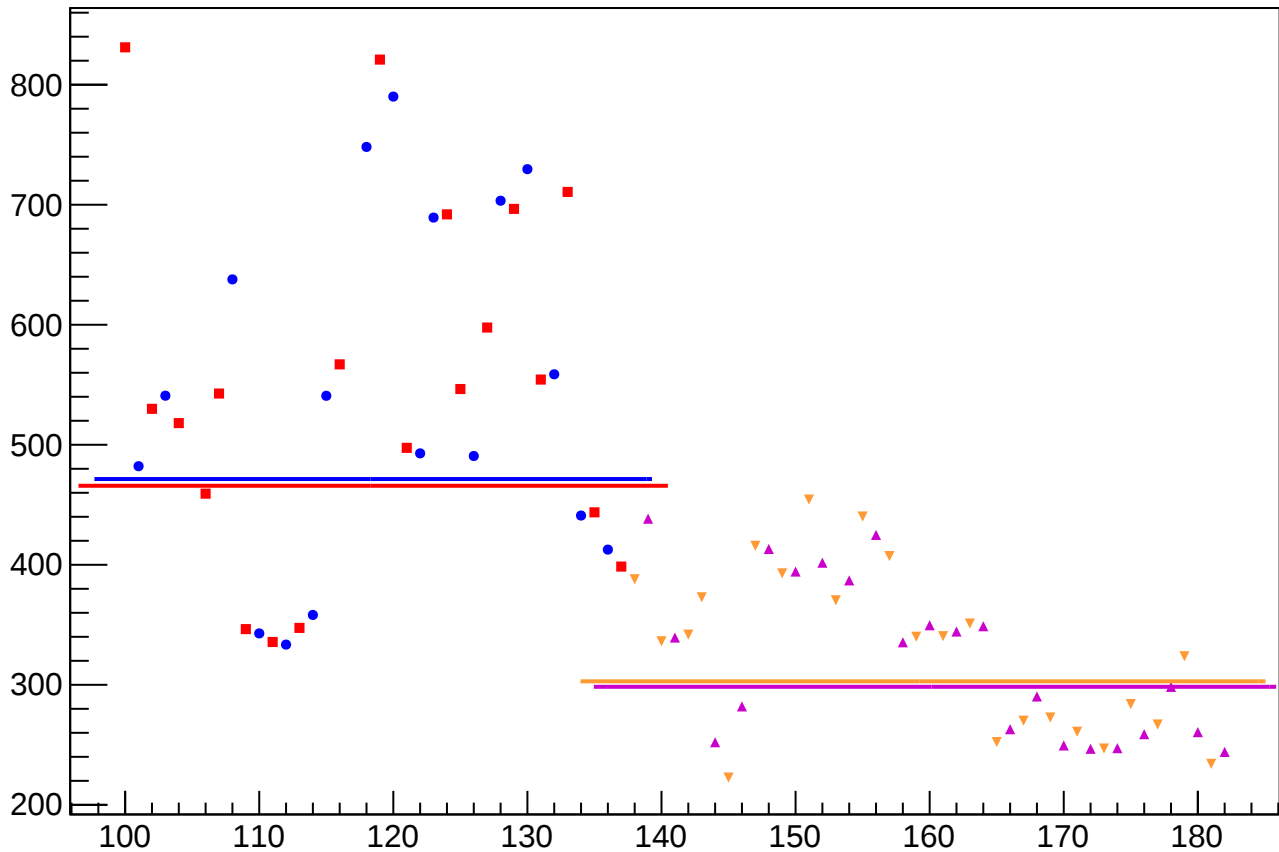
Left In: 49.878 ± 73.571 χ^2/NDF : 29.9/21

+ sign -233.426 ± 69.254 χ^2/NDF : 67.8/39

All: -119.762 ± 48.588 χ^2/NDF : 120.1/80

- sign -9.577 ± 68.186 χ^2/NDF : 47.0/40

asym_sam_15_37_dd_rms vs Slug



Right In: 471.454+/-0.135 χ^2/NDF : 875217.0/16

Left Out: 302.916+/-0.053 χ^2/NDF : 1476616.0/22

Right Out: 465.856+/-0.128 χ^2/NDF : 943653.4/18

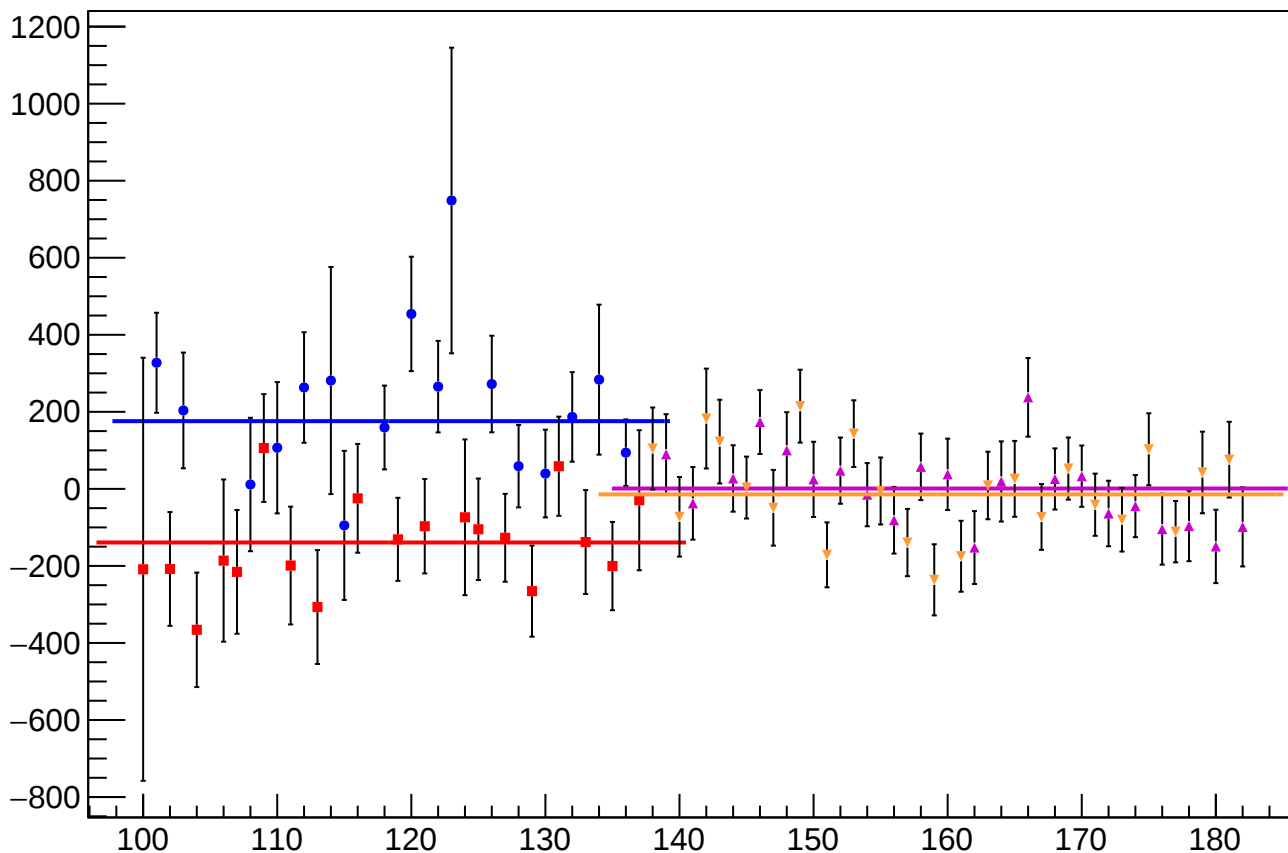
Left In: 298.356+/-0.052 χ^2/NDF : 1258764.3/21

+ sign 325.257+/-0.049 χ^2/NDF : 3713829.8/39

All: 323.591+/-0.034 χ^2/NDF : 7380452.6/80

- sign 321.977+/-0.048 χ^2/NDF : 3664344.1/40

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 175.771 $\pm$ 32.833 χ^2 /NDF: 15.5/16

Left Out: -14.261 $\pm$ 19.044 χ^2 /NDF: 35.5/22

Right Out: -139.142 $\pm$ 32.437 χ^2 /NDF: 12.5/18

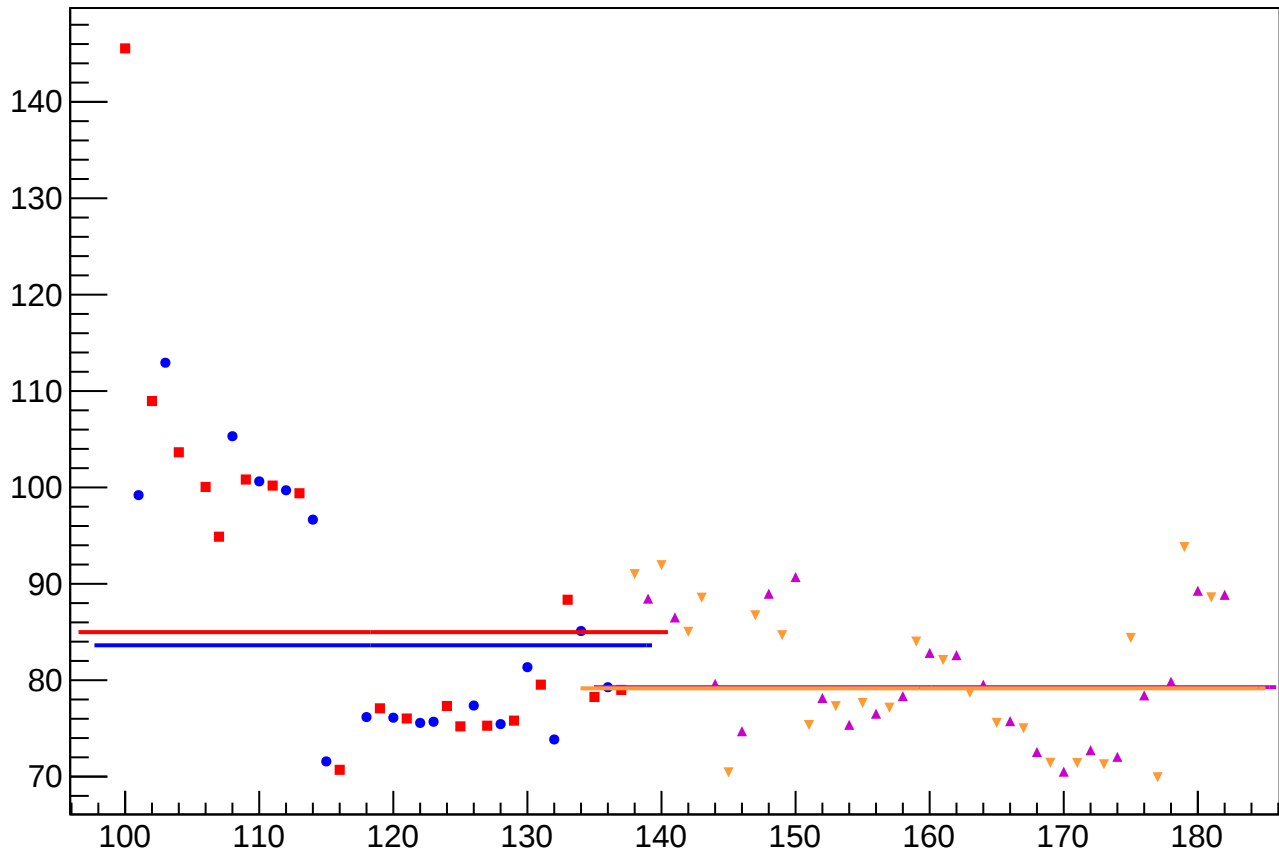
Left In: 0.949 $\pm$ 19.209 χ^2 /NDF: 23.2/21

+ sign 33.578 $\pm$ 16.474 χ^2 /NDF: 76.1/39

All: -0.808 $\pm$ 11.668 χ^2 /NDF: 134.3/80

- sign -35.423 $\pm$ 16.528 χ^2 /NDF: 49.5/40

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.622 $\pm$ 0.023 χ^2 /NDF: 254251.0/16

Left Out: 79.159 $\pm$ 0.013 χ^2 /NDF: 283025.3/22

Right Out: 84.989 $\pm$ 0.023 χ^2 /NDF: 287001.0/18

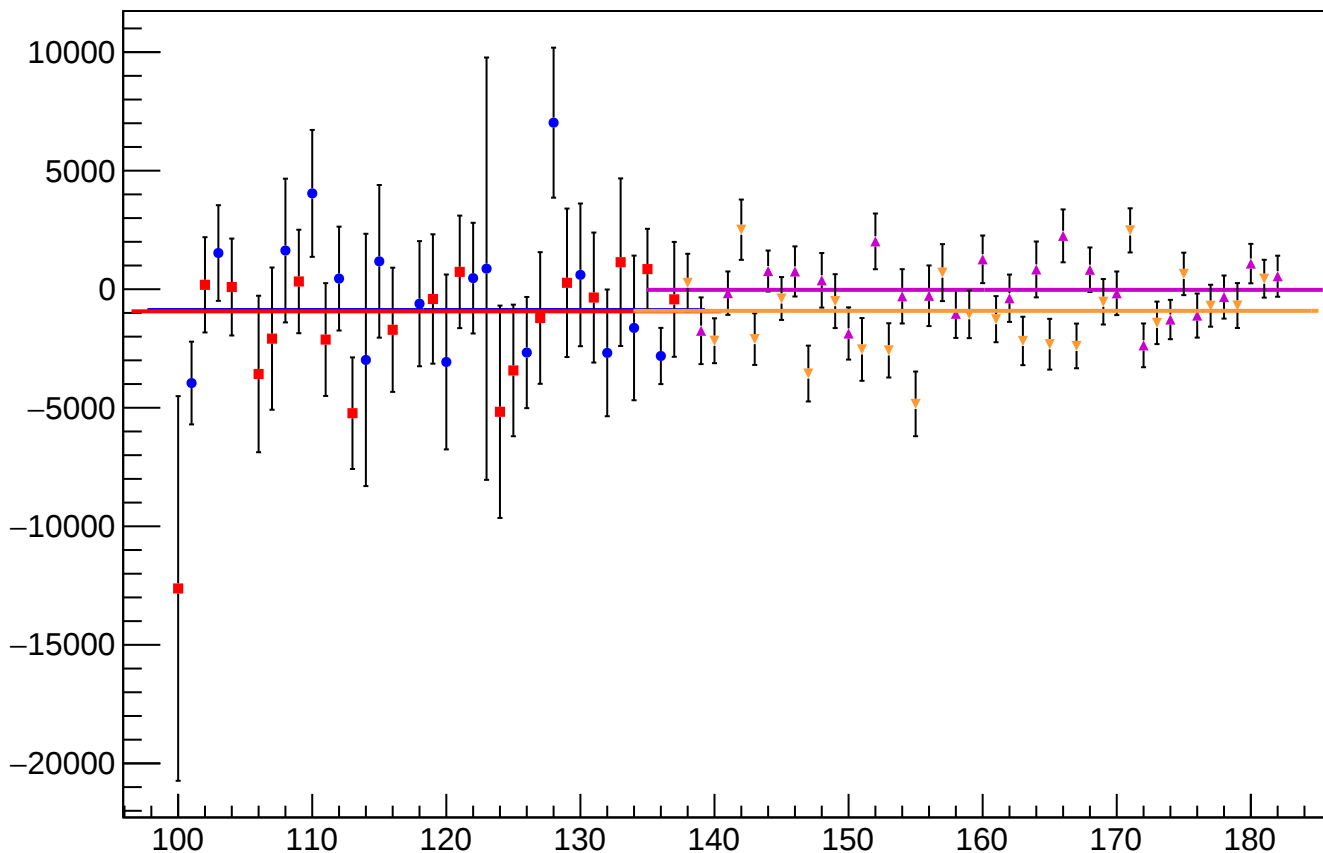
Left In: 79.278 $\pm$ 0.014 χ^2 /NDF: 201227.5/21

+ sign 80.283 $\pm$ 0.012 χ^2 /NDF: 564919.0/39

All: 80.521 $\pm$ 0.008 χ^2 /NDF: 1099897.6/80

- sign 80.761 $\pm$ 0.012 χ^2 /NDF: 534139.9/40

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -877.743 ± 584.504 χ^2/NDF : 20.5/16

Left Out: -911.923 ± 212.131 χ^2/NDF : 56.0/22

Right Out: -932.219 ± 590.182 χ^2/NDF : 11.3/18

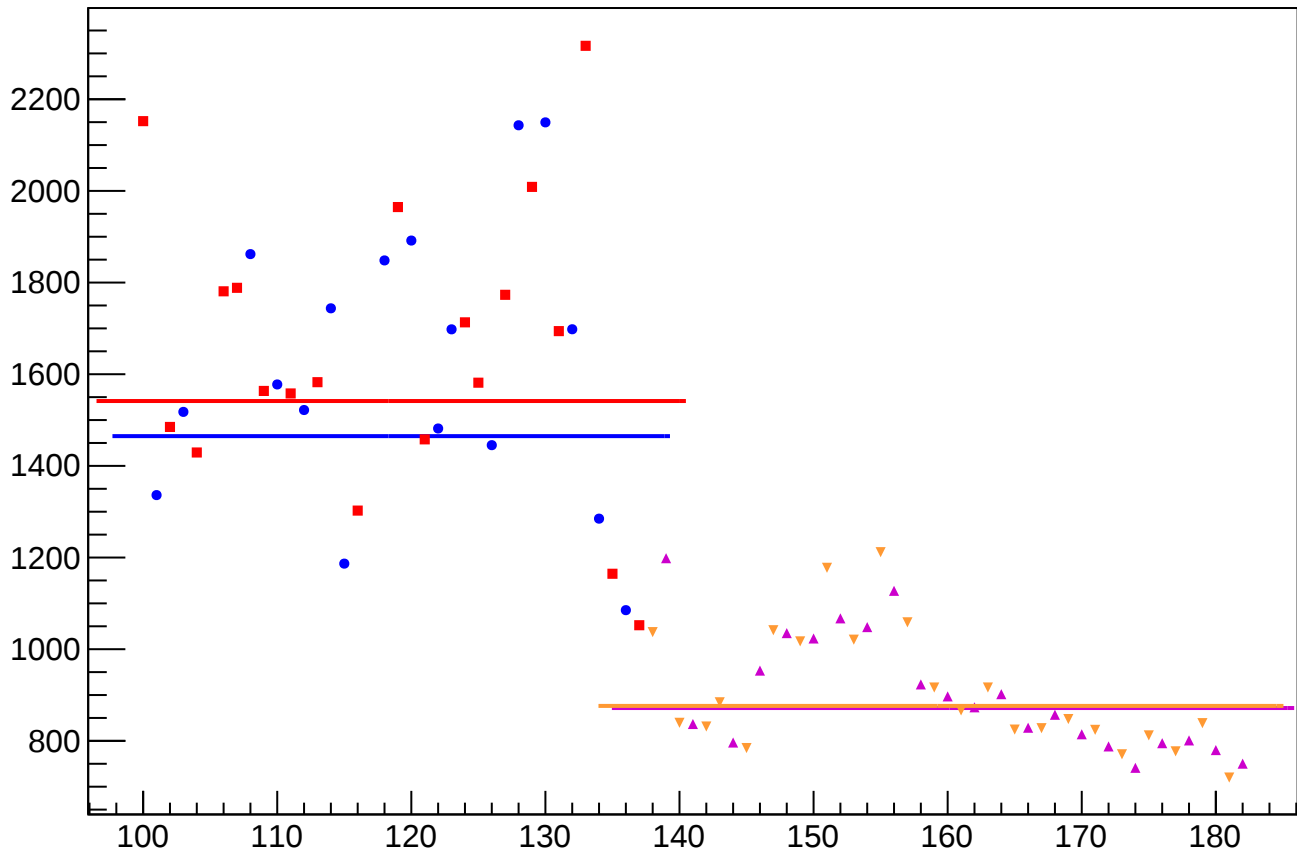
Left In: -26.960 ± 212.318 χ^2/NDF : 29.6/21

+ sign -907.945 ± 199.405 χ^2/NDF : 76.6/39

All: -520.056 ± 141.134 χ^2/NDF : 127.2/80

- sign -130.694 ± 199.783 χ^2/NDF : 43.1/40

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.922+/-0.413 χ^2/NDF : 565343.8/16

Left Out: 876.268+/-0.150 χ^2/NDF : 601107.9/22

Right Out: 1541.521+/-0.417 χ^2/NDF : 455248.6/18

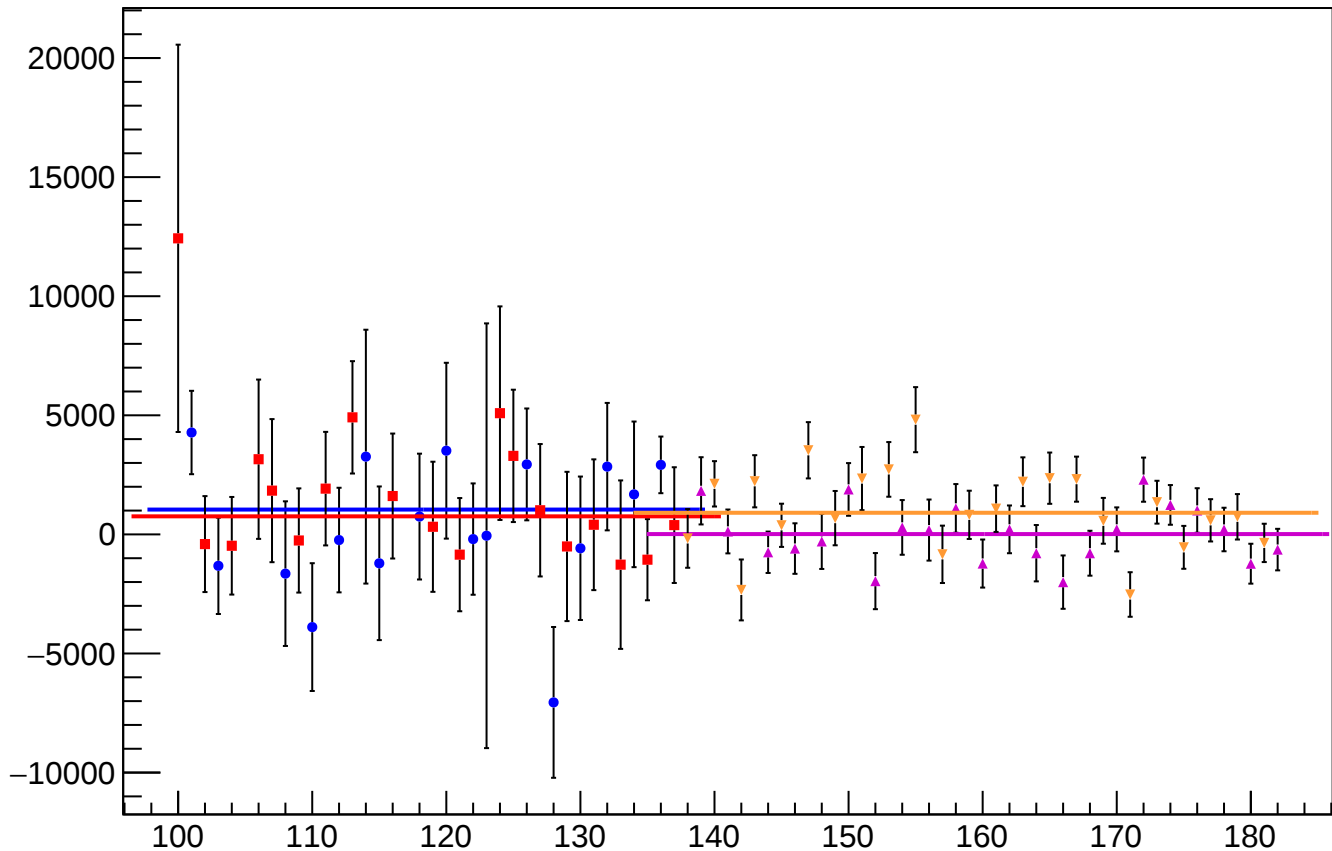
Left In: 871.632+/-0.150 χ^2/NDF : 573319.5/21

+ sign 944.778+/-0.141 χ^2/NDF : 2958869.8/39

All: 946.583+/-0.100 χ^2/NDF : 6269201.4/80

- sign 948.395+/-0.141 χ^2/NDF : 3310003.3/40

asym_sam_24_68_dd_mean vs Slug



Right In: 1042.489 $\pm$ 585.716 χ^2 /NDF: 21.2/16

Left Out: 908.132 $\pm$ 213.085 χ^2 /NDF: 54.3/22

Right Out: 758.067 $\pm$ 591.504 χ^2 /NDF: 11.0/18

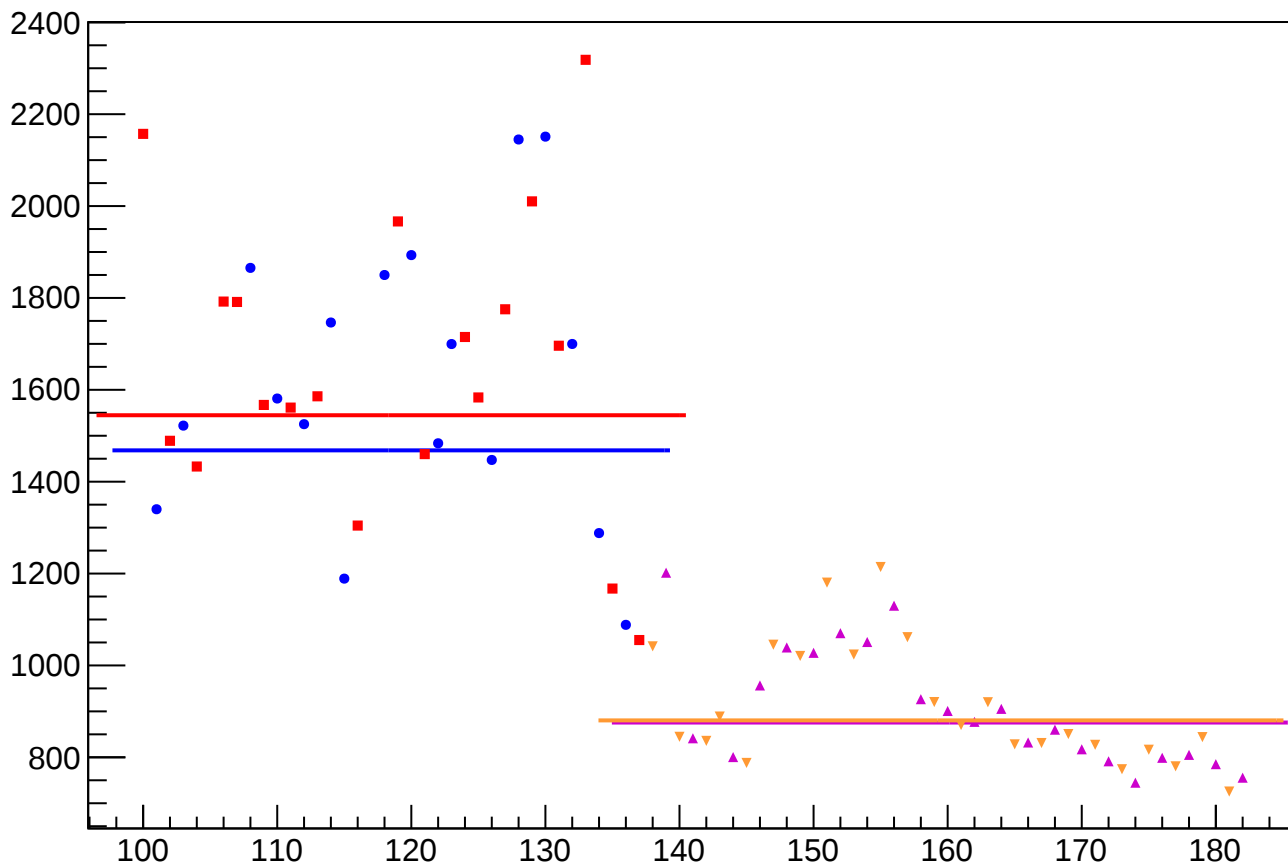
Left In: 13.322 $\pm$ 213.277 χ^2 /NDF: 27.9/21

+ sign 923.836 $\pm$ 200.245 χ^2 /NDF: 75.5/39

All: 512.218 $\pm$ 141.732 χ^2 /NDF: 124.3/80

- sign 99.005 $\pm$ 200.633 χ^2 /NDF: 40.3/40

asym_sam_24_68_dd_rms vs Slug



Right In: 1468.195+/-0.414 χ^2/NDF : 561893.4/16

Left Out: 880.347+/-0.151 χ^2/NDF : 592963.3/22

+ sign 949.056+/-0.142 χ^2/NDF : 2933974.7/39

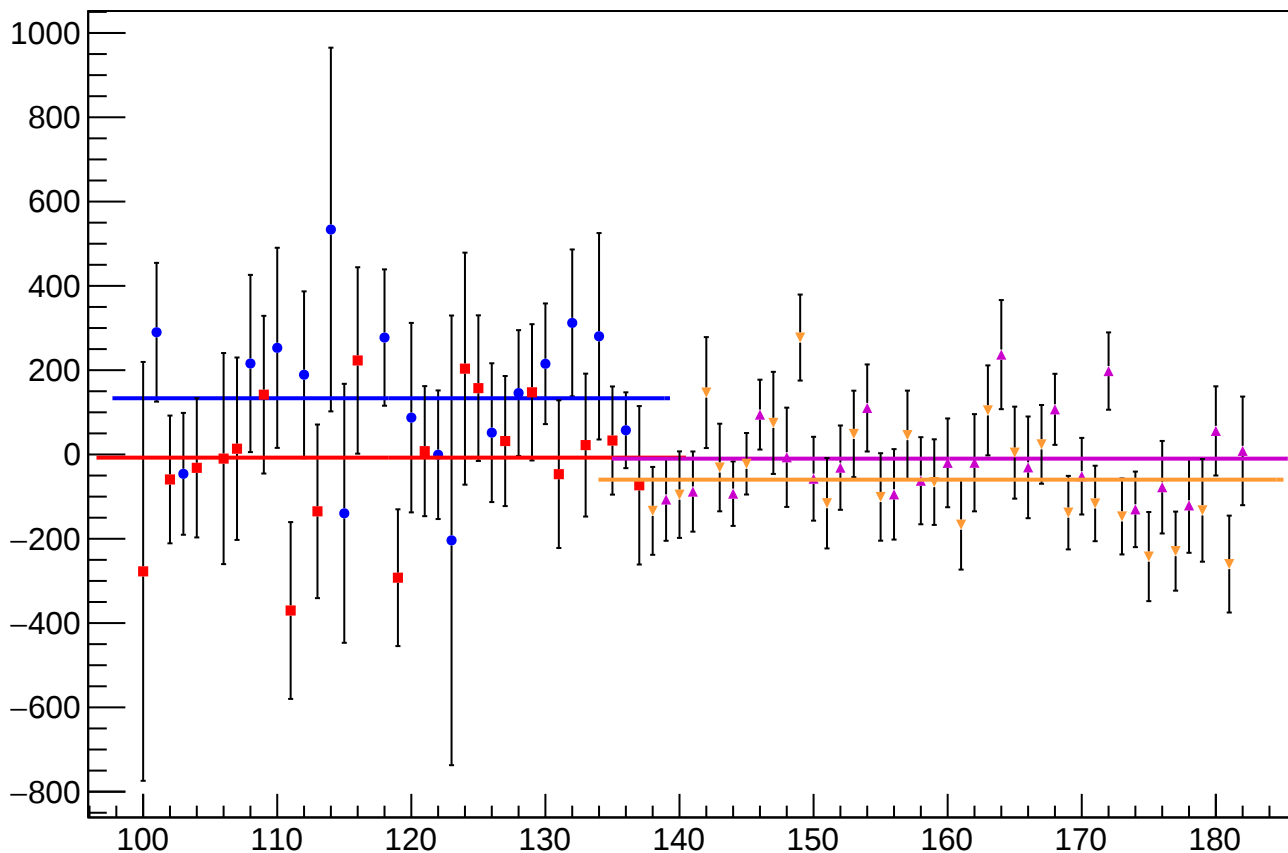
Right Out: 1544.653+/-0.418 χ^2/NDF : 453342.4/18

All: 950.854+/-0.100 χ^2/NDF : 6216669.6/80

- sign 952.658+/-0.142 χ^2/NDF : 3282372.1/40

Left In: 875.694+/-0.151 χ^2/NDF : 565258.2/21

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 133.408 $\pm$ 41.705 χ^2 /NDF: 9.3/16

Left Out: -59.777 $\pm$ 21.080 χ^2 /NDF:34.4/22

Right Out: -7.495 $\pm$ 41.511 χ^2 /NDF: 11.4/18

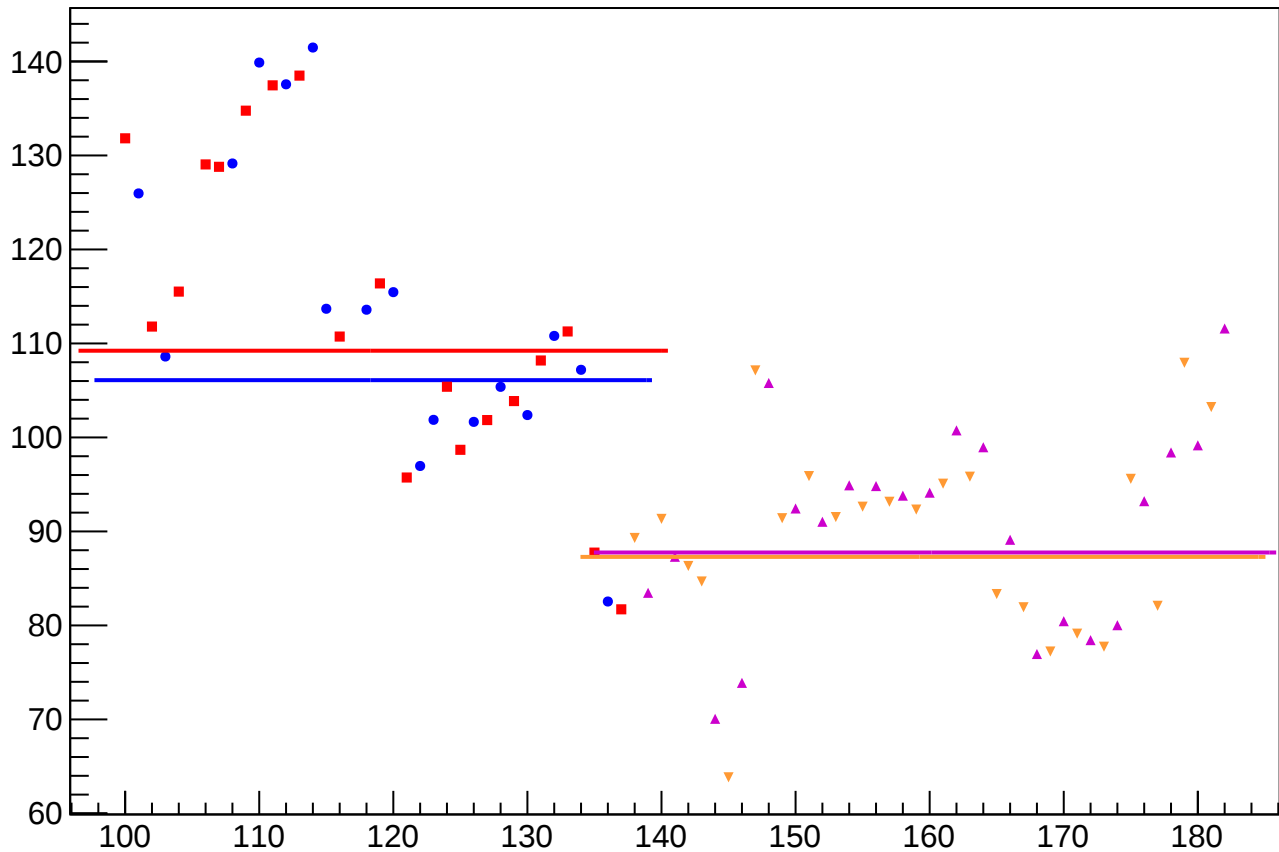
Left In: -9.893 $\pm$ 21.373 χ^2 /NDF:21.4/21

+ sign -20.464 $\pm$ 18.813 χ^2 /NDF: 60.8/39

All: -14.983 $\pm$ 13.369 χ^2 /NDF: 93.9/80

- sign -9.391 $\pm$ 19.002 χ^2 /NDF: 32.9/40

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.094 $\pm$ 0.029 χ^2 /NDF: 316104.7/16

Left Out: 87.290 $\pm$ 0.015 χ^2 /NDF: 514137.0/22

Right Out: 109.227 $\pm$ 0.029 χ^2 /NDF: 283569.2/18

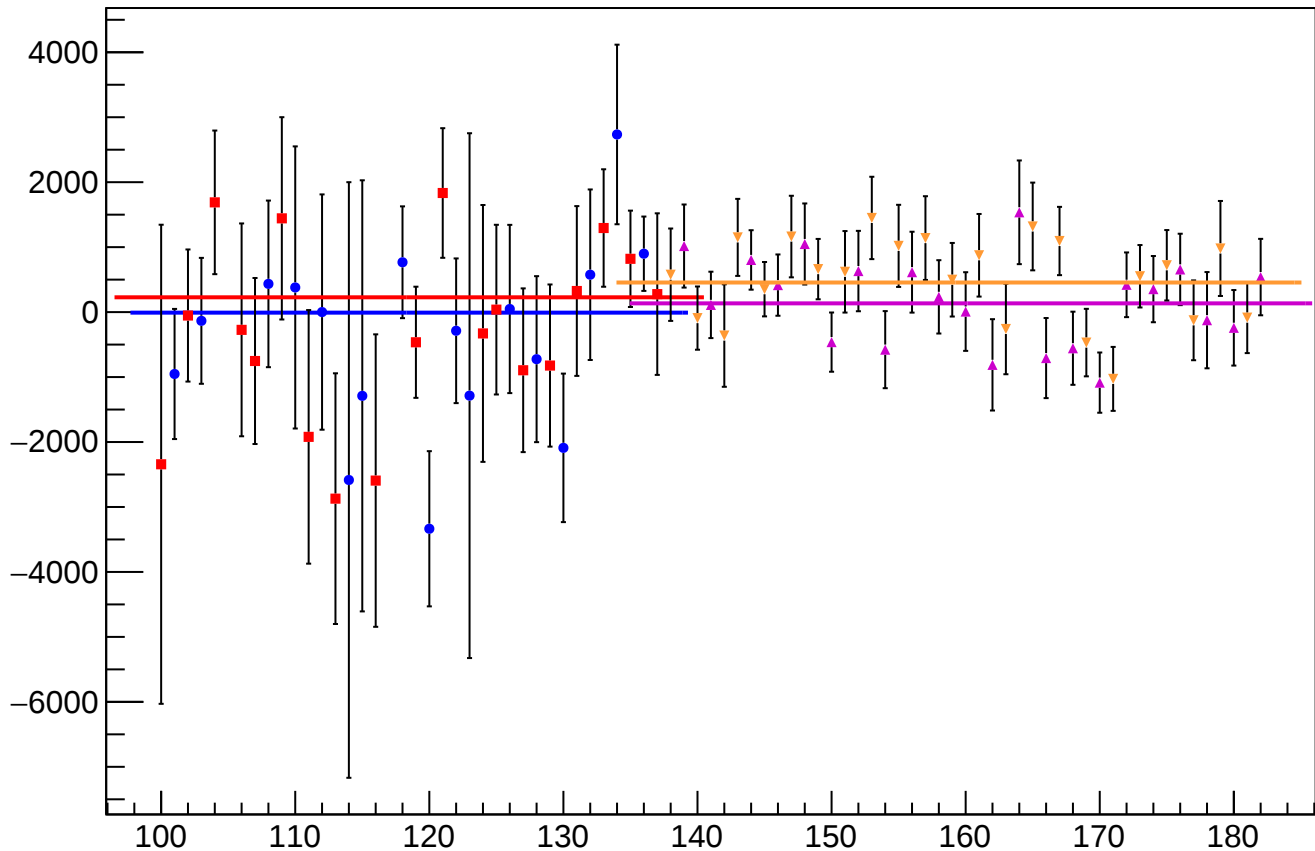
Left In: 87.758 $\pm$ 0.015 χ^2 /NDF: 489207.7/21

+ sign 91.117 $\pm$ 0.013 χ^2 /NDF: 1154066.1/39

All: 91.681 $\pm$ 0.009 χ^2 /NDF: 2353318.7/80

- sign 92.257 $\pm$ 0.013 χ^2 /NDF: 1195616.9/40

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -8.296 $\pm$ 284.265 χ^2 /NDF: 20.5/16

Left Out: 455.619 $\pm$ 119.213 χ^2 /NDF: 29.2/22

Right Out: 227.827 $\pm$ 280.146 χ^2 /NDF: 15.8/18

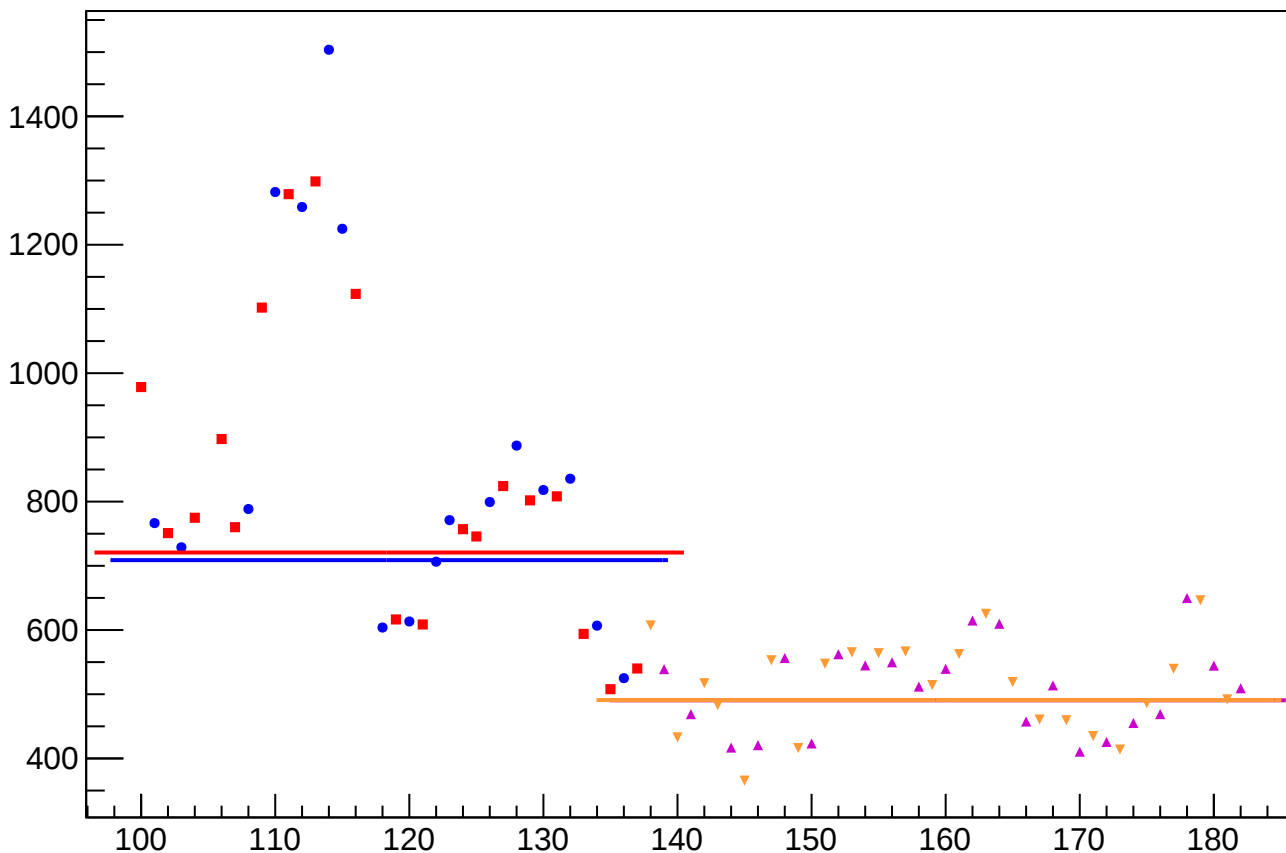
Left In: 134.667 $\pm$ 119.767 χ^2 /NDF: 28.6/21

+ sign 386.232 $\pm$ 109.937 χ^2 /NDF: 52.0/39

All: 267.850 $\pm$ 77.804 χ^2 /NDF: 98.9/80

- sign 149.063 $\pm$ 110.125 χ^2 /NDF: 44.6/40

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.820 +/- 0.201 χ^2/NDF : 793495.1/16

Left Out: 490.865 +/- 0.084 χ^2/NDF : 734544.1/22

Right Out: 720.682 +/- 0.198 χ^2/NDF : 901856.3/18

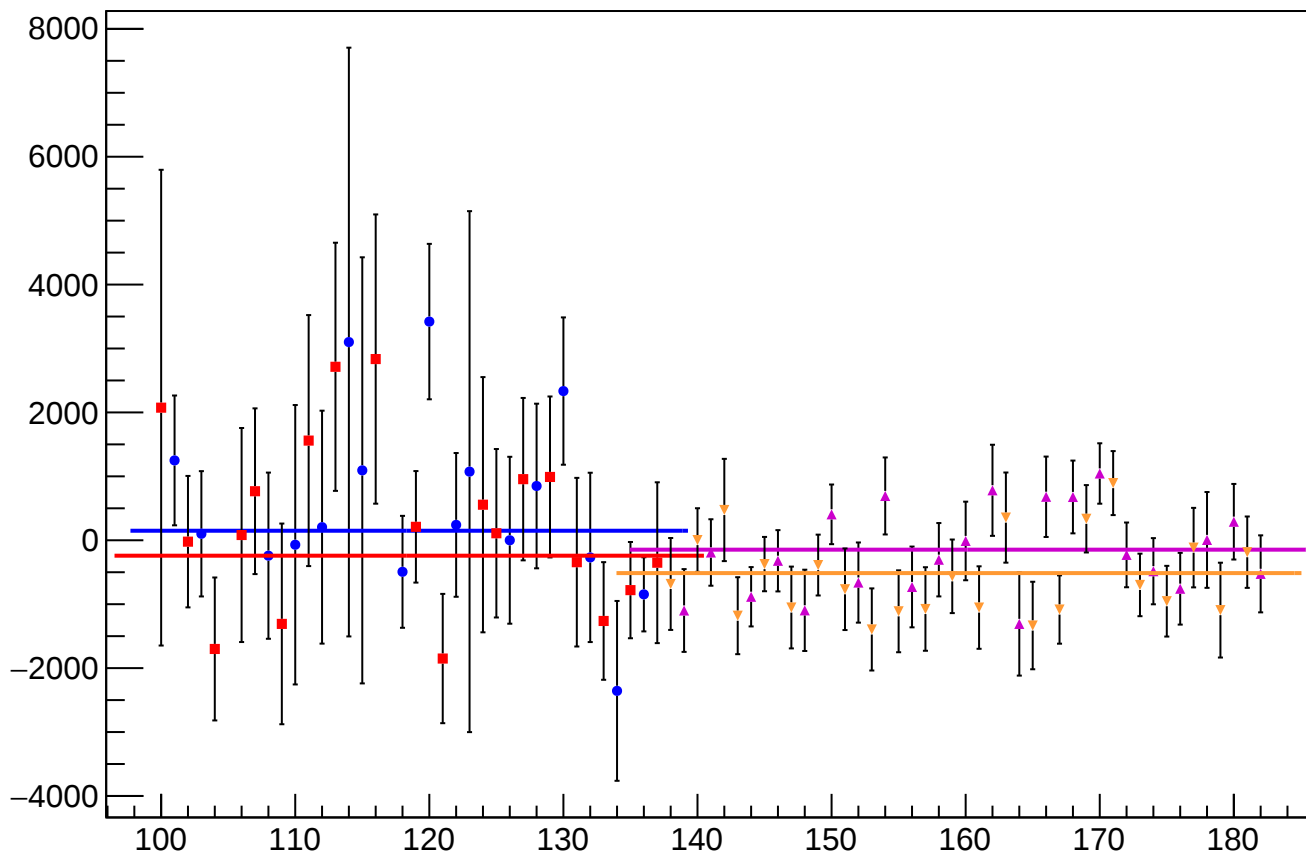
Left In: 490.552 +/- 0.085 χ^2/NDF : 588065.9/21

+ sign 523.464 +/- 0.078 χ^2/NDF : 2527939.2/39

All: 524.786 +/- 0.055 χ^2/NDF : 5159497.2/80

- sign 526.113 +/- 0.078 χ^2/NDF : 2630978.4/40

asym_sam_26_48_dd_mean vs Slug



Right In: 149.114+/-287.749 χ^2/NDF : 19.7/16

Left Out: -513.464+/-121.203 χ^2/NDF : 25.9/22

Right Out: -241.208+/-283.783 χ^2/NDF : 14.9/18

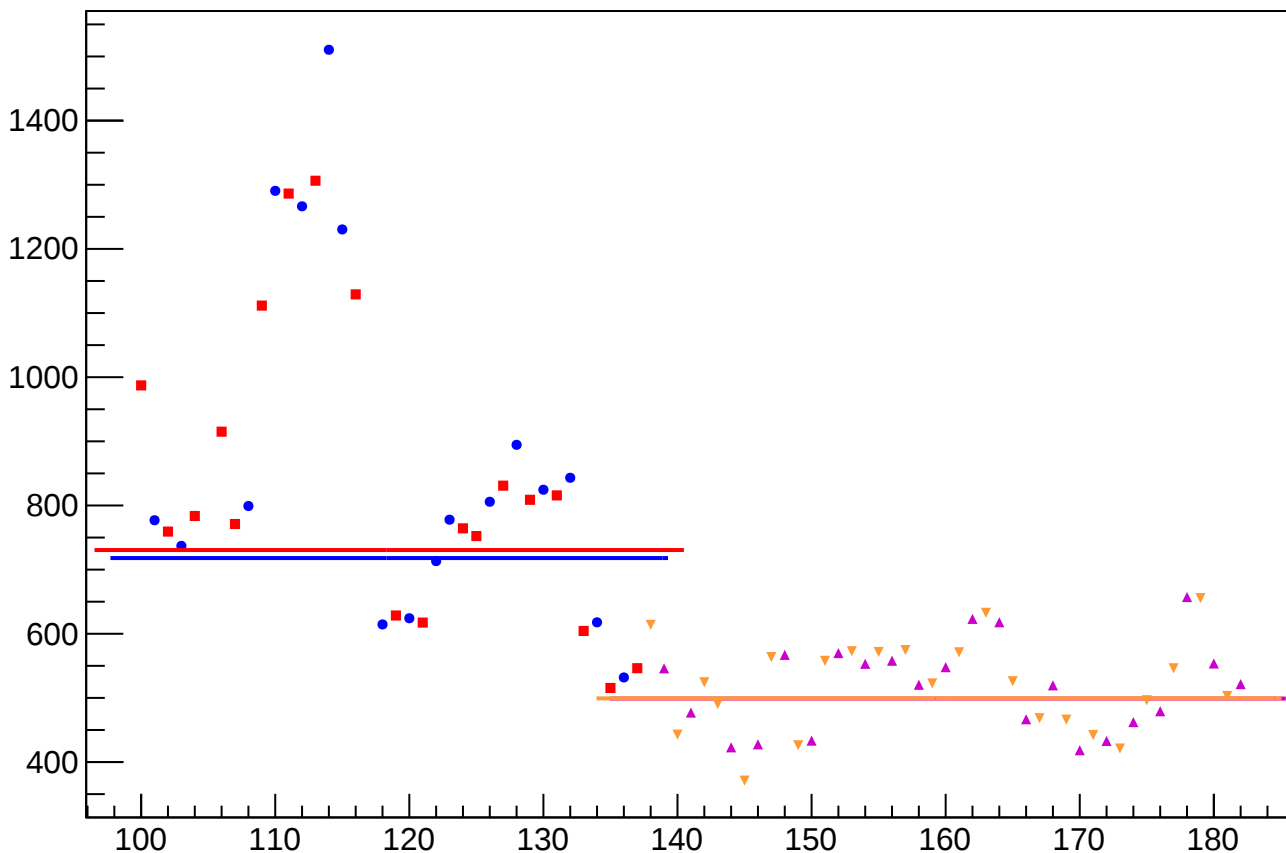
Left In: -147.002+/-121.784 χ^2/NDF : 28.6/21

+ sign -413.623+/-111.699 χ^2/NDF : 50.1/39

All: -287.880+/-79.059 χ^2/NDF : 96.2/80

- sign -161.653+/-111.914 χ^2/NDF : 43.6/40

asym_sam_26_48_dd_rms vs Slug



Right In: 718.014 $\pm$ 0.203 χ^2 /NDF: 778471.9/16

Left Out: 499.285 $\pm$ 0.086 χ^2 /NDF: 718370.4/22

Right Out: 730.544 $\pm$ 0.201 χ^2 /NDF: 883666.2/18

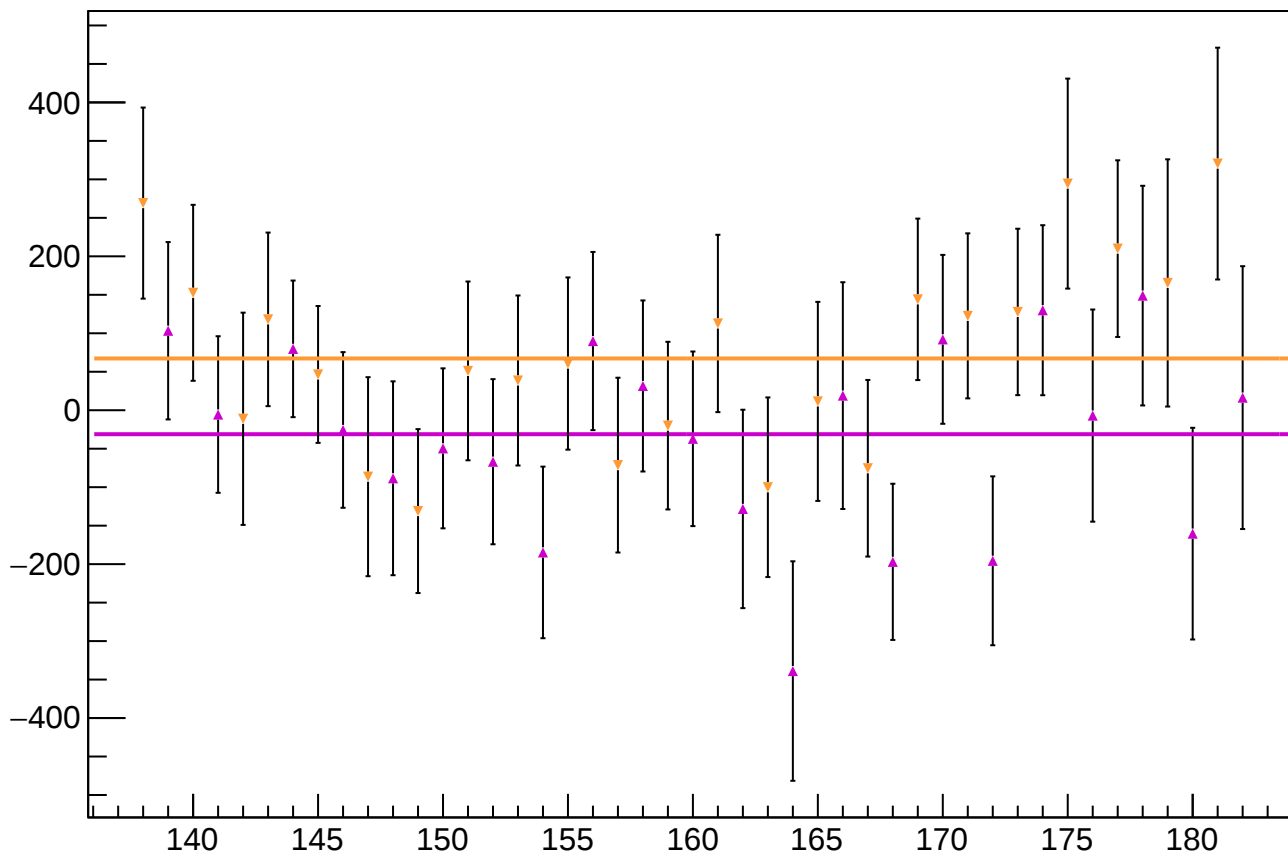
Left In: 498.970 $\pm$ 0.086 χ^2 /NDF: 574932.4/21

+ sign 532.244 $\pm$ 0.079 χ^2 /NDF: 2478327.2/39

All: 533.612 $\pm$ 0.056 χ^2 /NDF: 5062191.3/80

- sign 534.985 $\pm$ 0.079 χ^2 /NDF: 2583262.9/40

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 67.251+/-24.218 χ^2/NDF :23.5/22

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

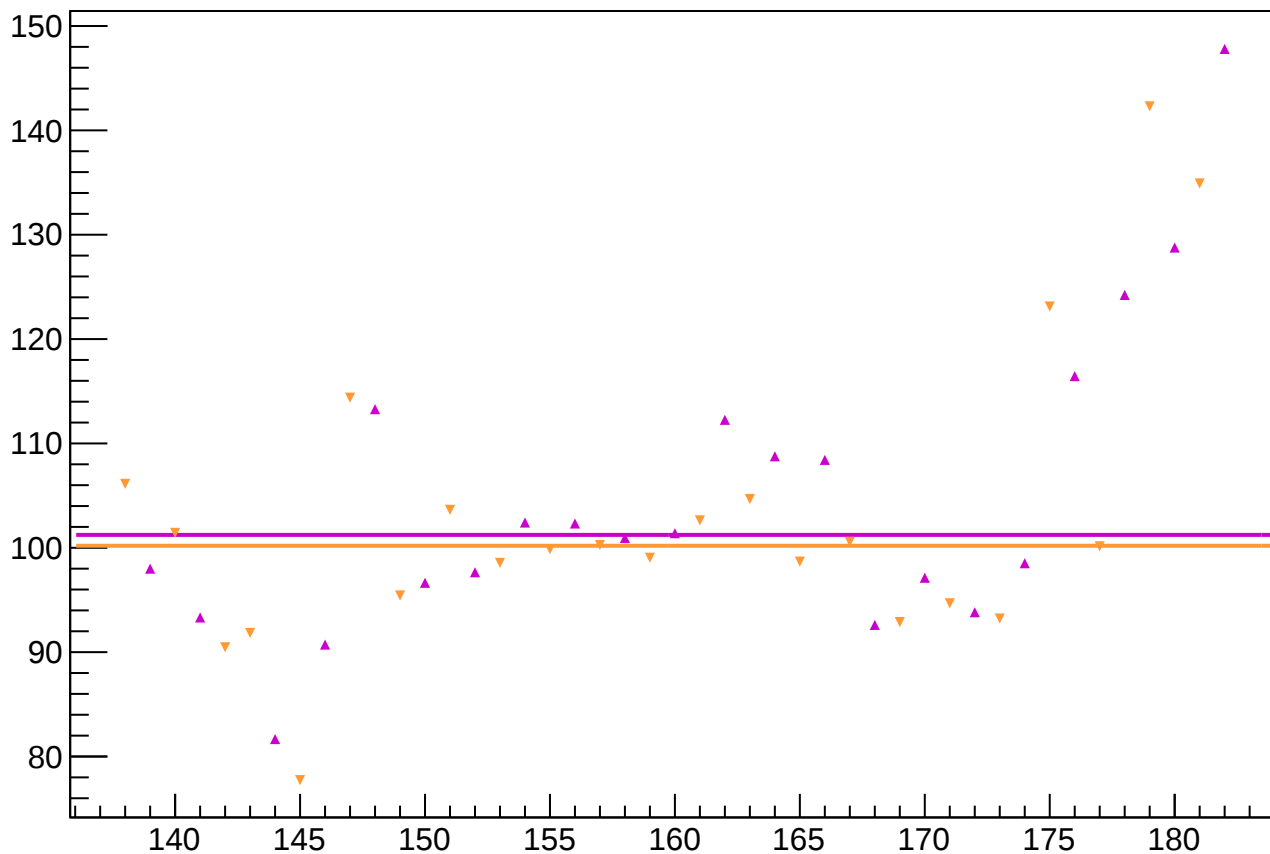
Left In: -31.156+/-24.677 χ^2/NDF :22.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.971+/-17.285 χ^2/NDF : 54.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



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

Left Out: 100.196+/-0.017 χ^2/NDF : 511504.1/22

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

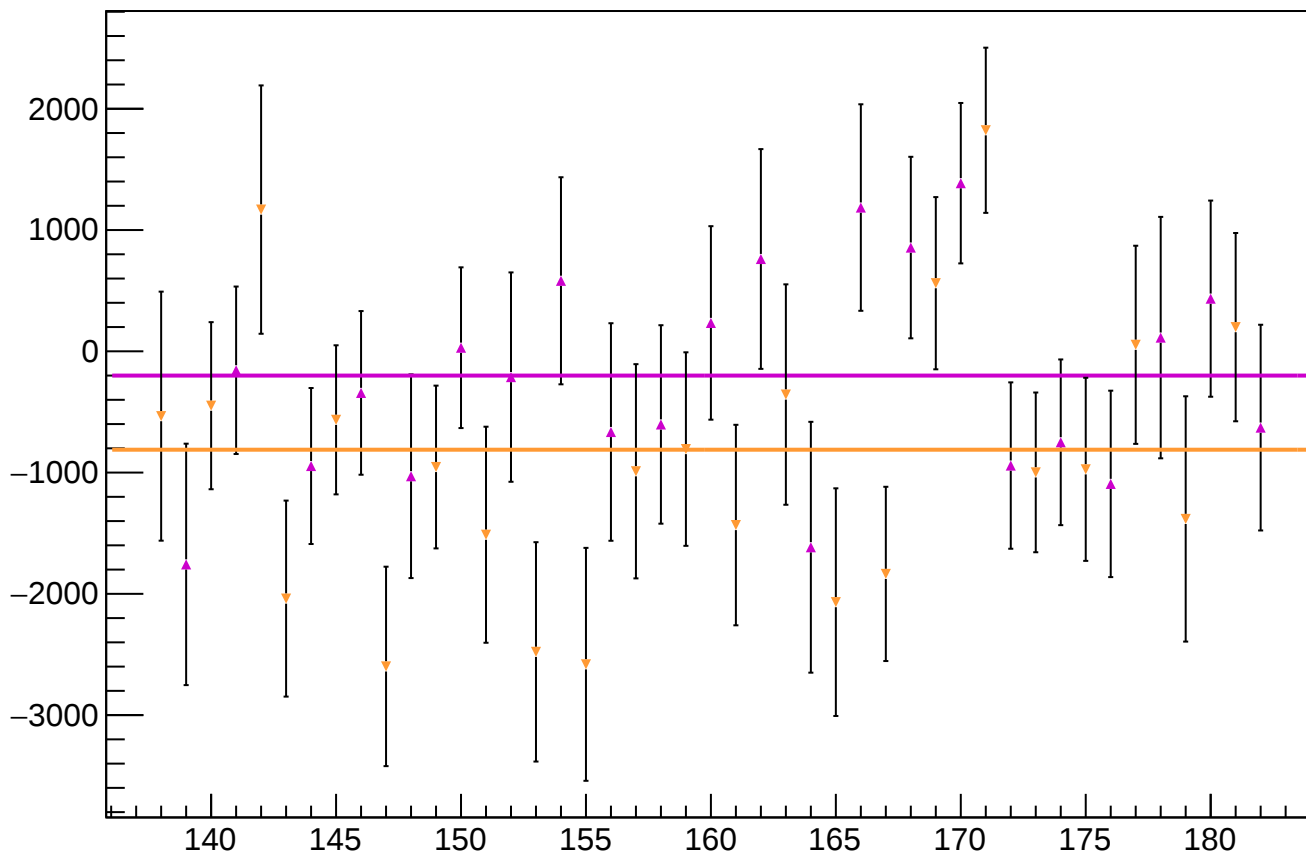
Left In: 101.236+/-0.017 χ^2/NDF : 514995.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.706+/-0.012 χ^2/NDF : 1028310.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -811.439+/-165.781 χ^2/NDF : 45.4/22

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

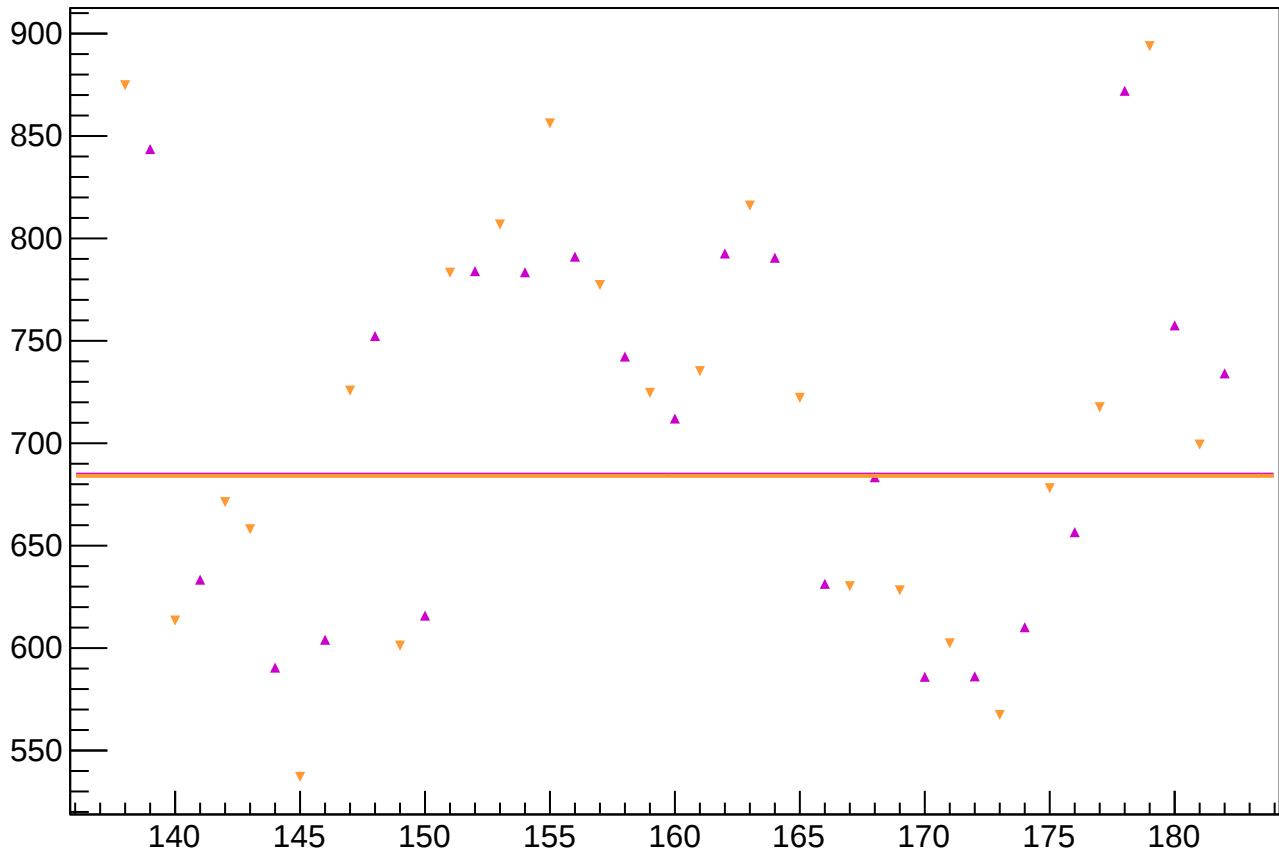
Left In: -200.149+/-166.836 χ^2/NDF : 24.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.734+/-117.596 χ^2/NDF : 76.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 684.087+/-0.117 χ^2/NDF : 654276.5/22

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

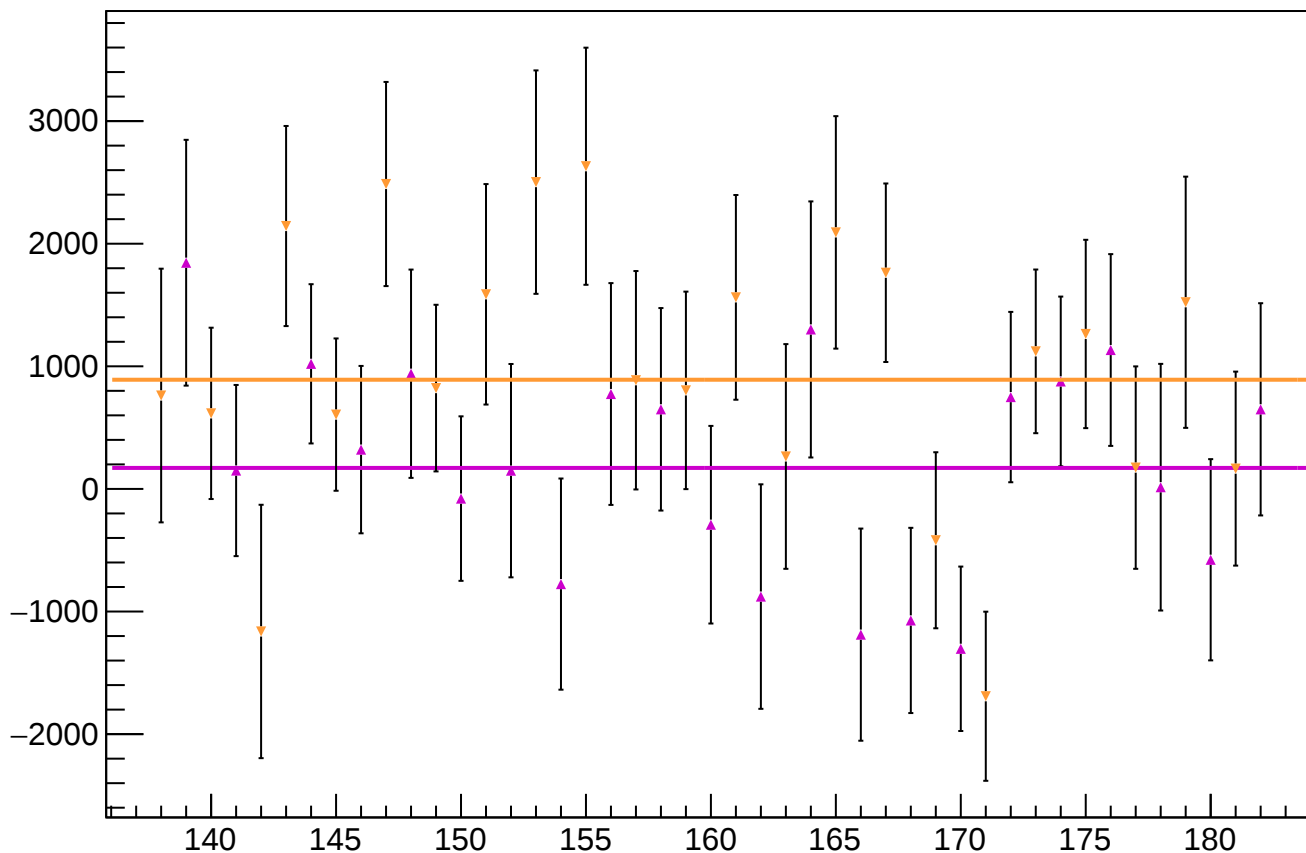
Left In: 684.679+/-0.118 χ^2/NDF : 525046.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.381+/-0.083 χ^2/NDF : 1179335.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 890.577 $\pm$ 167.697 χ^2 /NDF:41.2/22

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

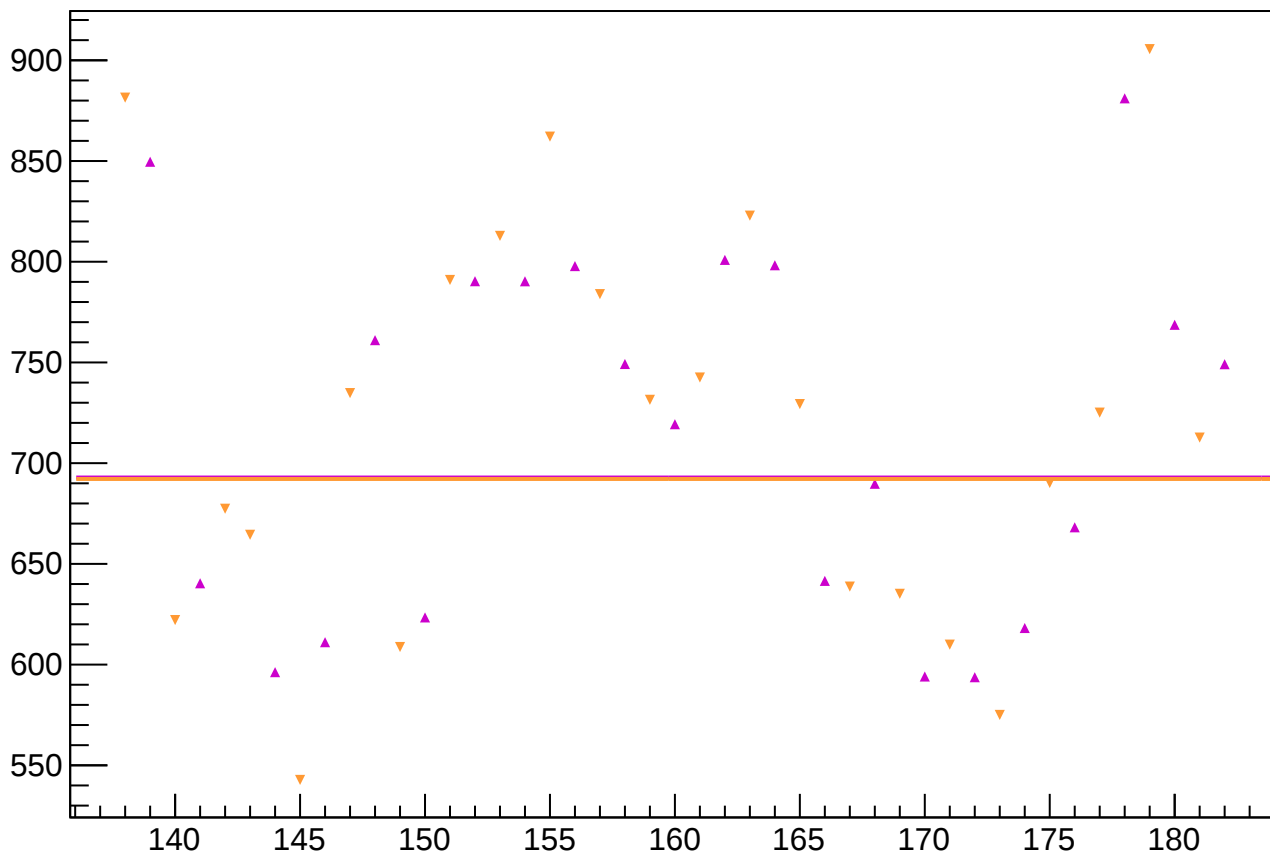
Left In: 171.257 $\pm$ 168.802 χ^2 /NDF:24.7/21

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

All: 533.280 $\pm$ 118.968 χ^2 /NDF: 75.1/44

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

asym_sam_1548_avg_rms vs Slug



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

Left Out: 692.162 +/- 0.119 χ^2 /NDF: 643669.3/22

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

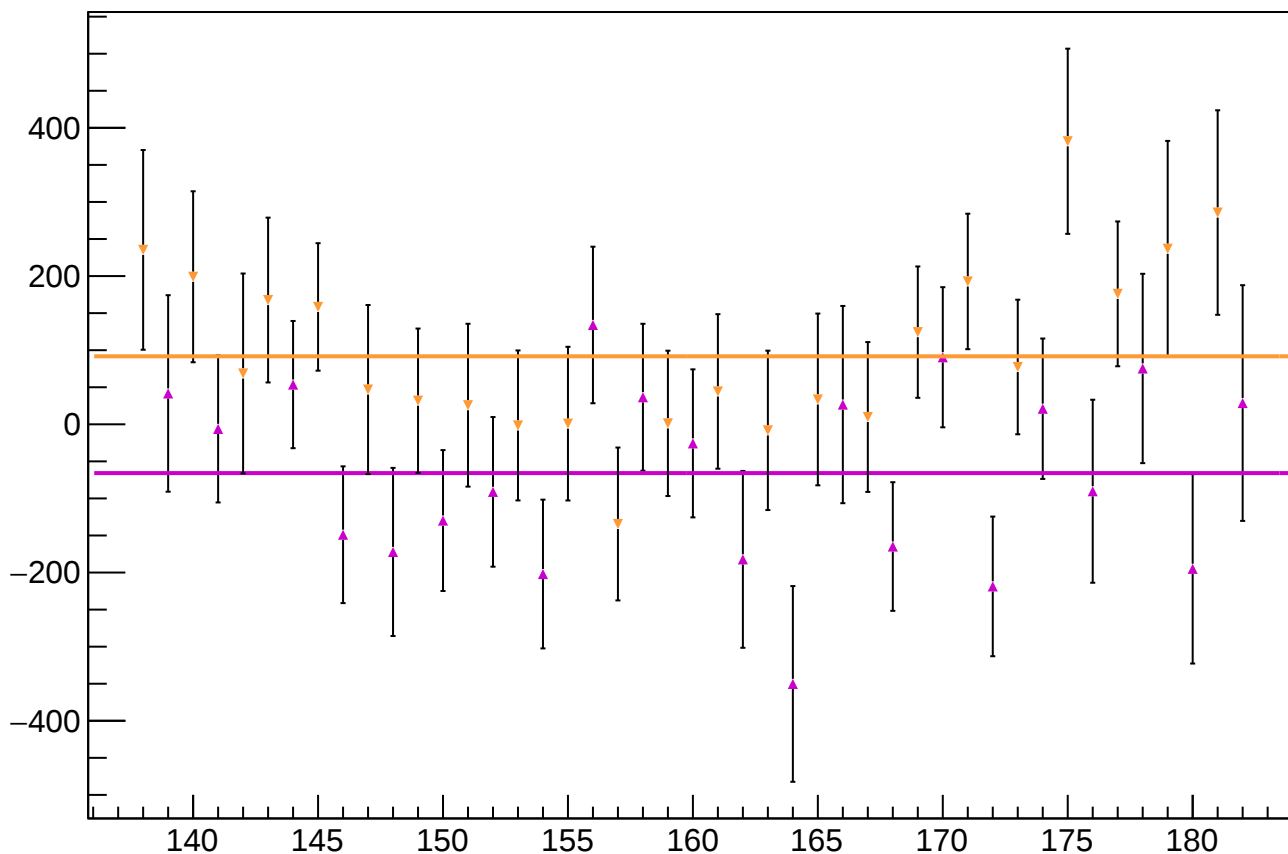
Left In: 692.865 +/- 0.119 χ^2 /NDF: 516896.6/21

+ sign 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: 692.511 +/- 0.084 χ^2 /NDF: 1160583.4/44

- sign 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



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

Left Out: 91.745 $\pm$ 22.123 χ^2 /NDF:23.7/22

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

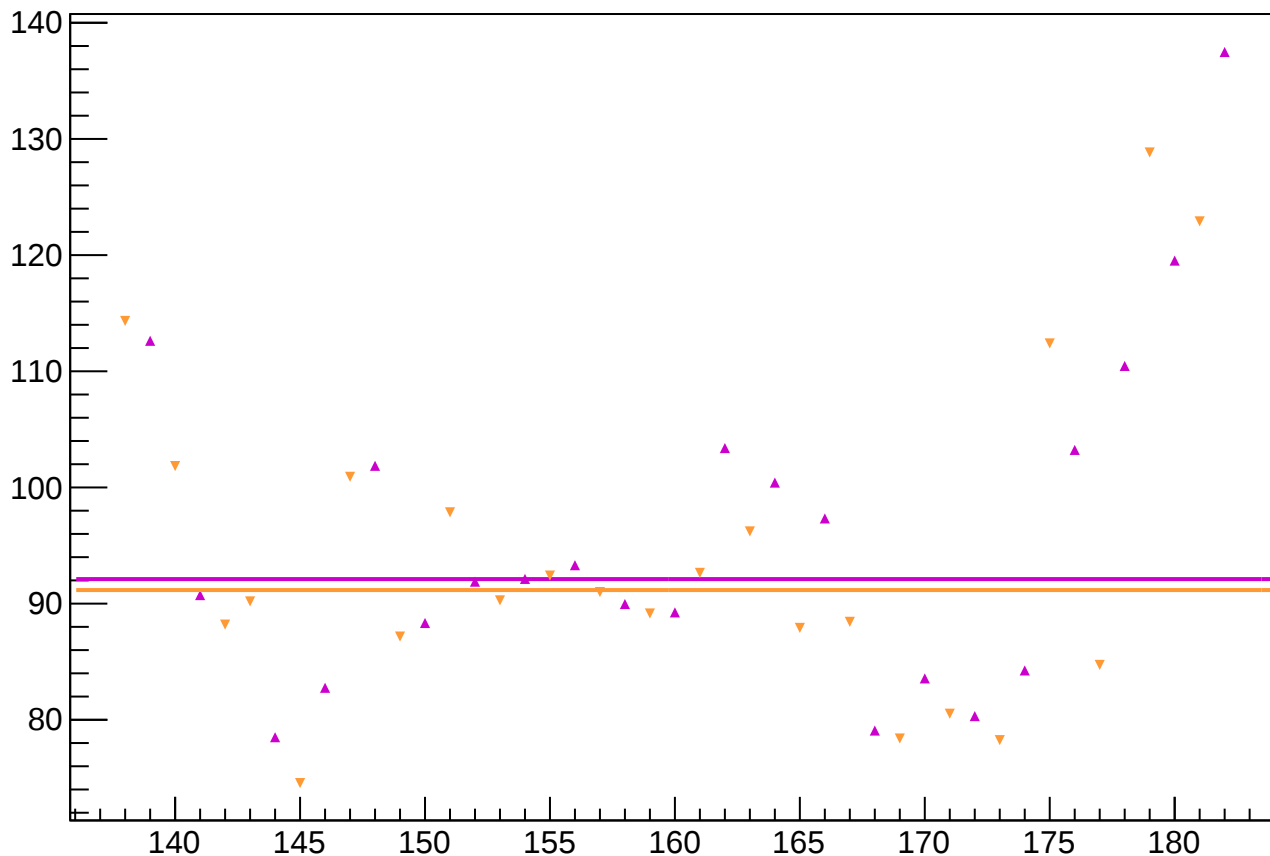
Left In: -65.817 $\pm$ 22.531 χ^2 /NDF:28.0/21

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

All: 14.404 $\pm$ 15.786 χ^2 /NDF: 76.7/44

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

reg_asym_sam_3748_avg_rms vs Slug



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

Left Out: 91.168+/-0.016 χ^2/NDF : 602134.7/22

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

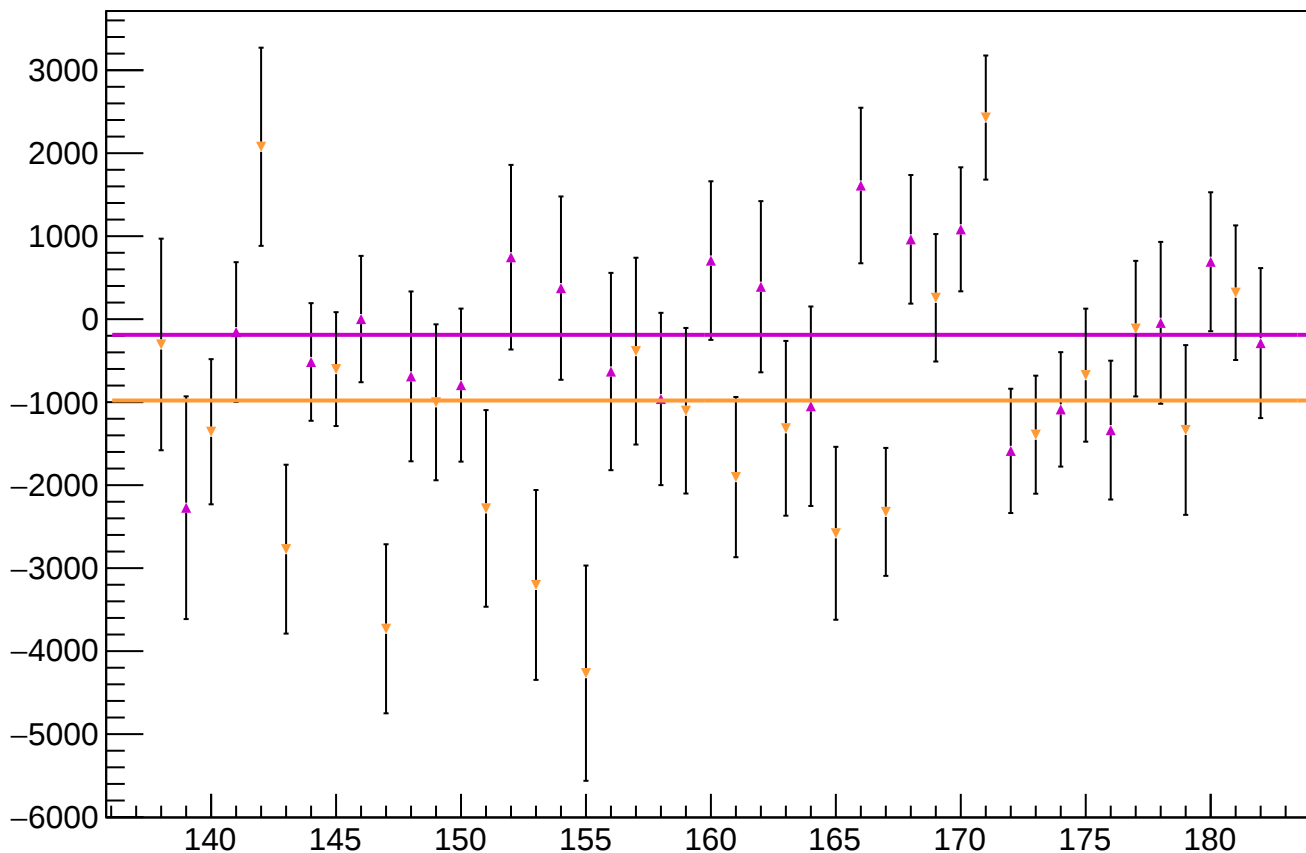
Left In: 92.113+/-0.016 χ^2/NDF : 587858.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.631+/-0.011 χ^2/NDF : 1191783.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -979.968+/-191.563 χ^2/NDF : 63.5/22

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

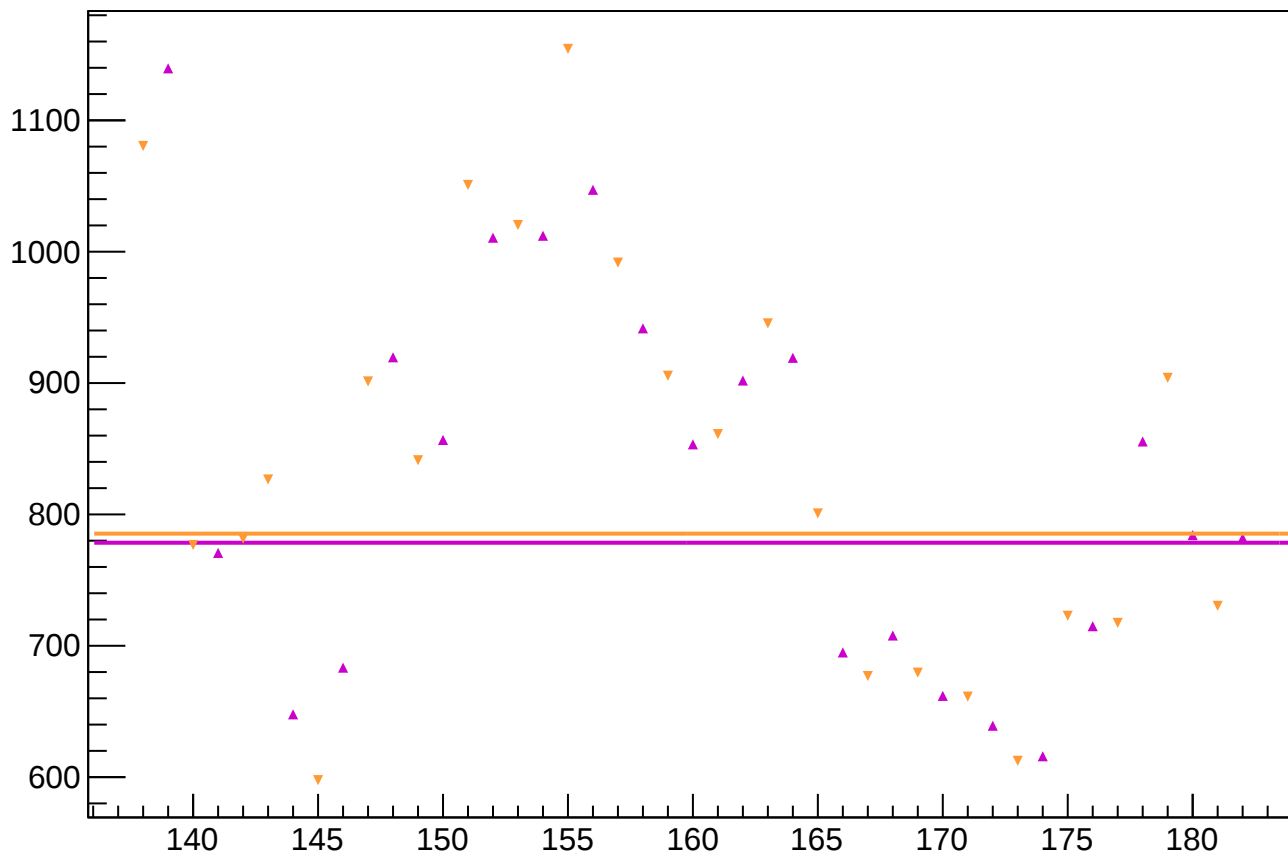
Left In: -188.756+/-190.972 χ^2/NDF : 23.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.141+/-135.246 χ^2/NDF : 95.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 785.379+/-0.135 χ^2/NDF :1108265.2/22

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

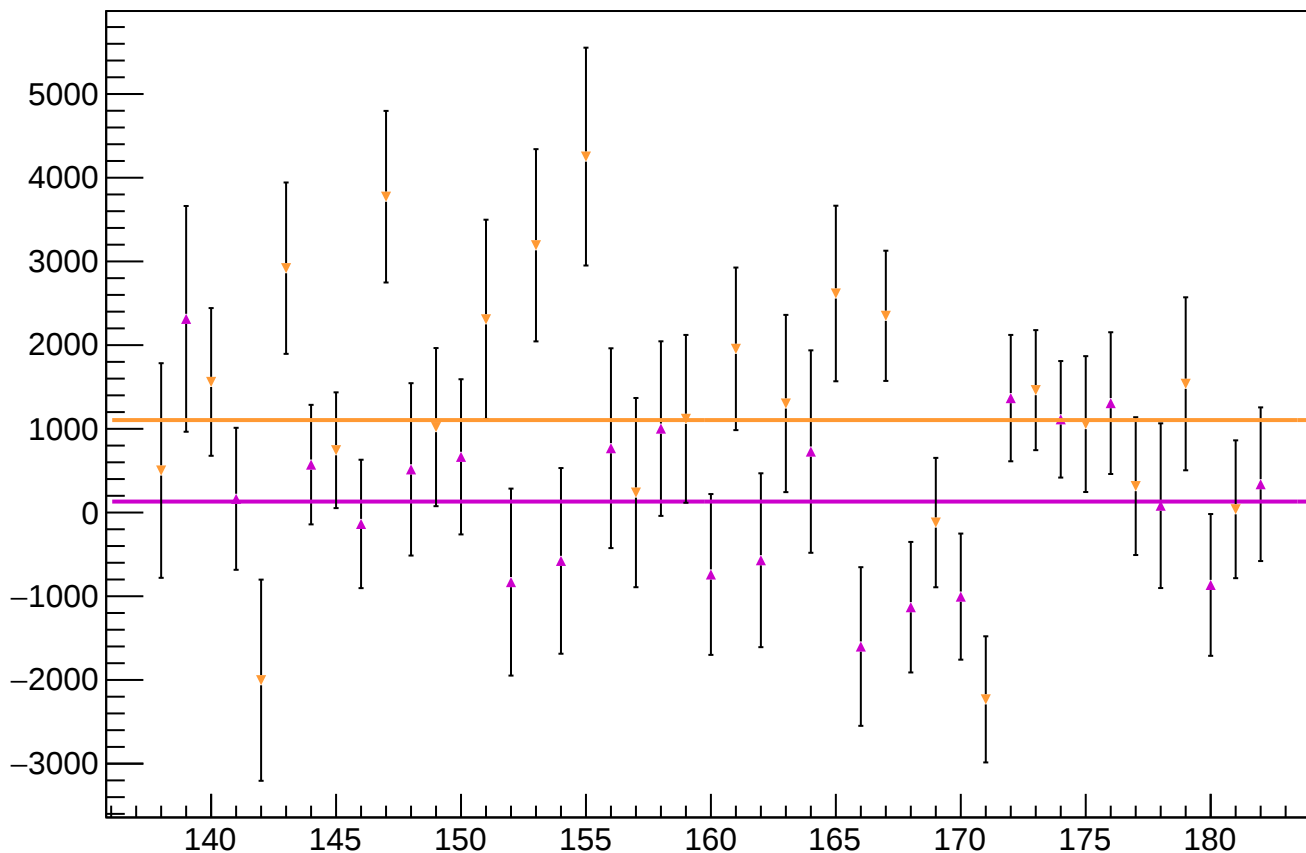
Left In: 778.442+/-0.135 χ^2/NDF :979158.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.900+/-0.096 χ^2/NDF : 2088739.1/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1104.559 $\pm$ 193.035 χ^2 /NDF:58.7/22

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

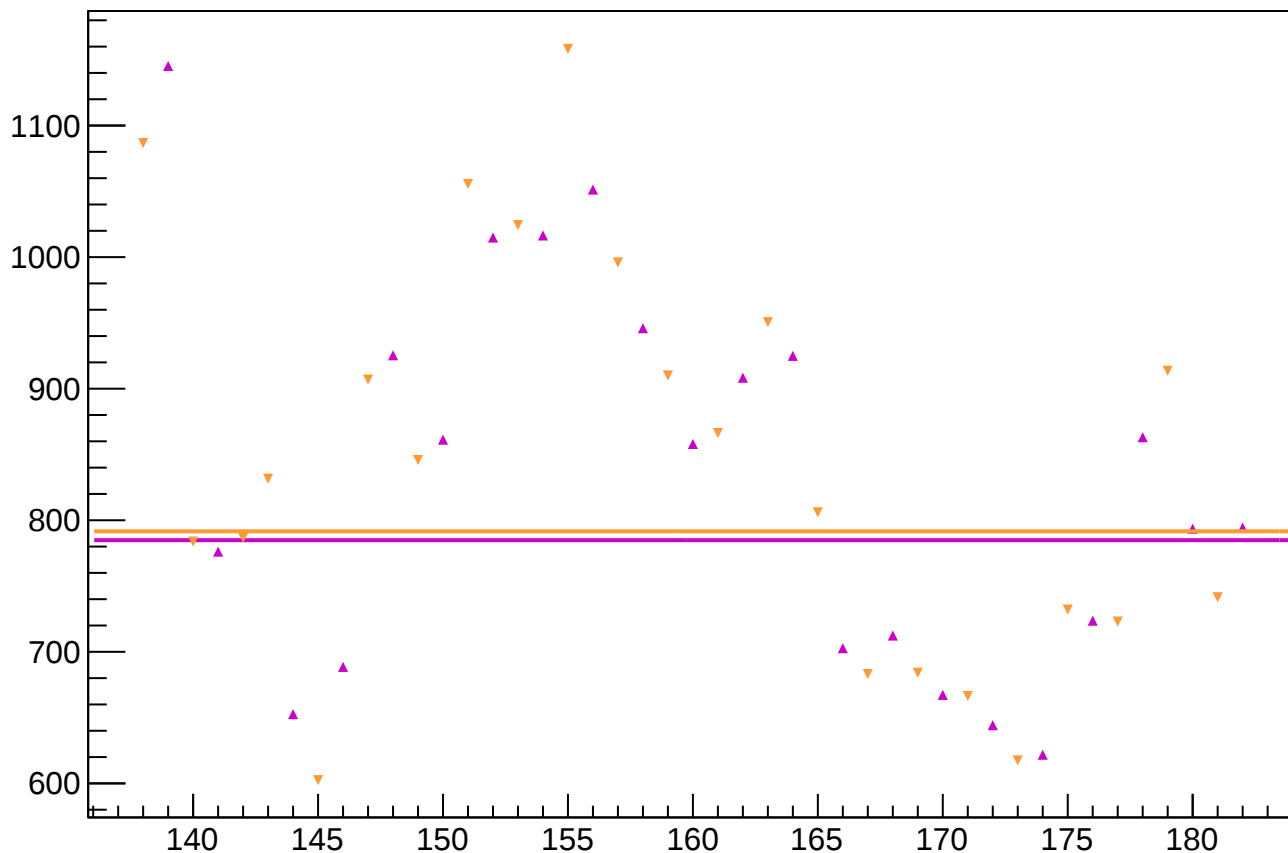
Left In: 131.074 $\pm$ 192.500 χ^2 /NDF:23.5/21

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

All: 616.466 $\pm$ 136.307 χ^2 /NDF: 95.0/44

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

asym_sam_3748_avg_rms vs Slug



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

Left Out: 791.624+/-0.136 χ^2/NDF :1091481.7/22

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

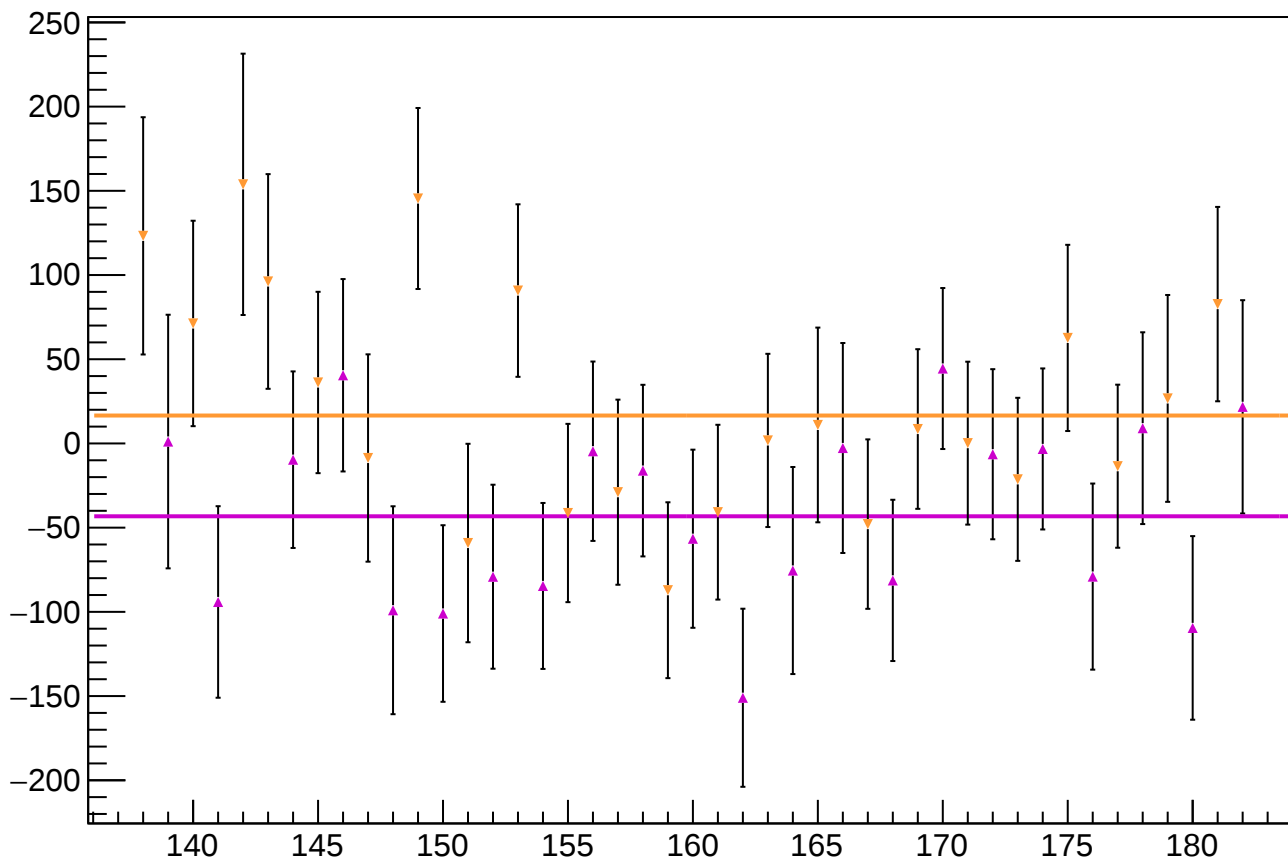
Left In: 784.854+/-0.136 χ^2/NDF :963906.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.230+/-0.096 χ^2/NDF : 2056621.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 16.578+/-11.452 χ^2/NDF : 29.6/22

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

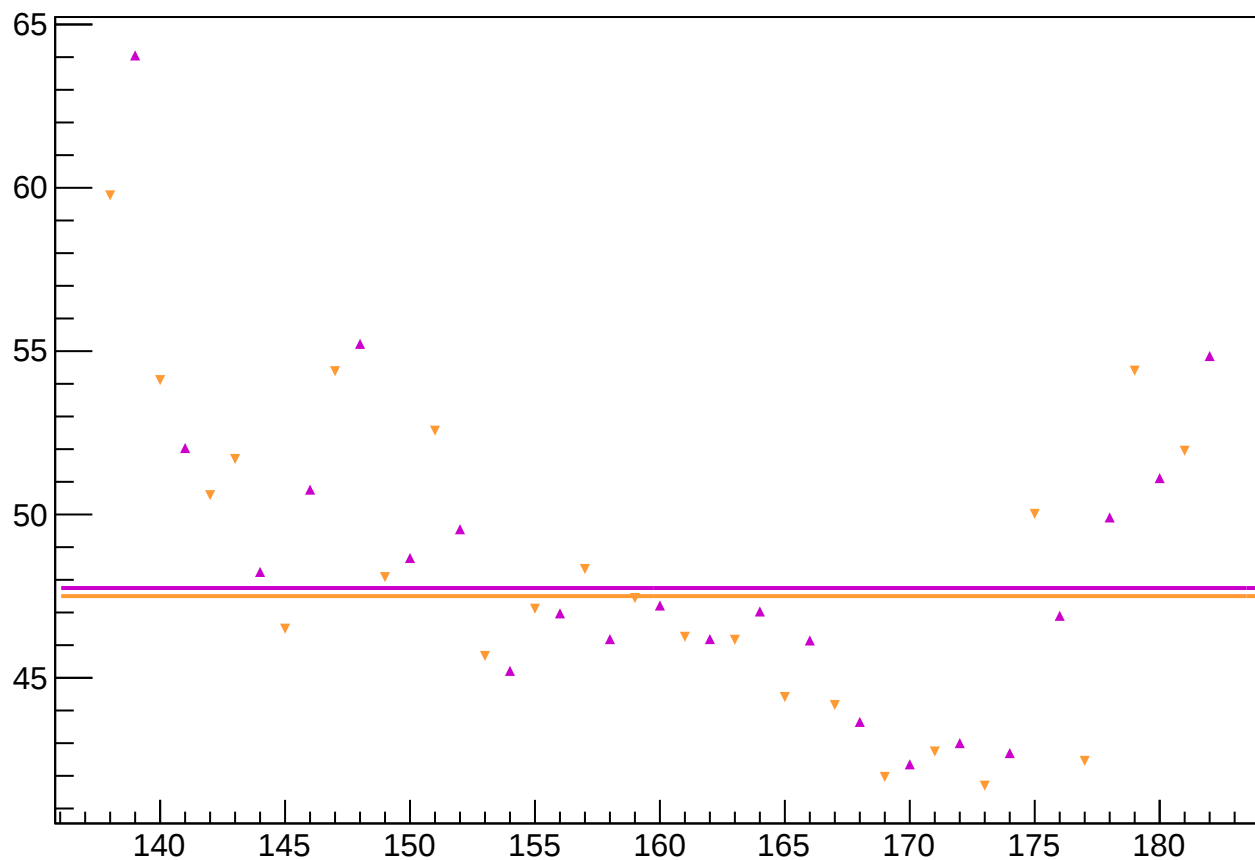
Left In: -43.253+/-11.601 χ^2/NDF : 21.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.952+/-8.150 χ^2/NDF : 64.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 47.501+/-0.008 χ^2/NDF : 295186.6/22

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

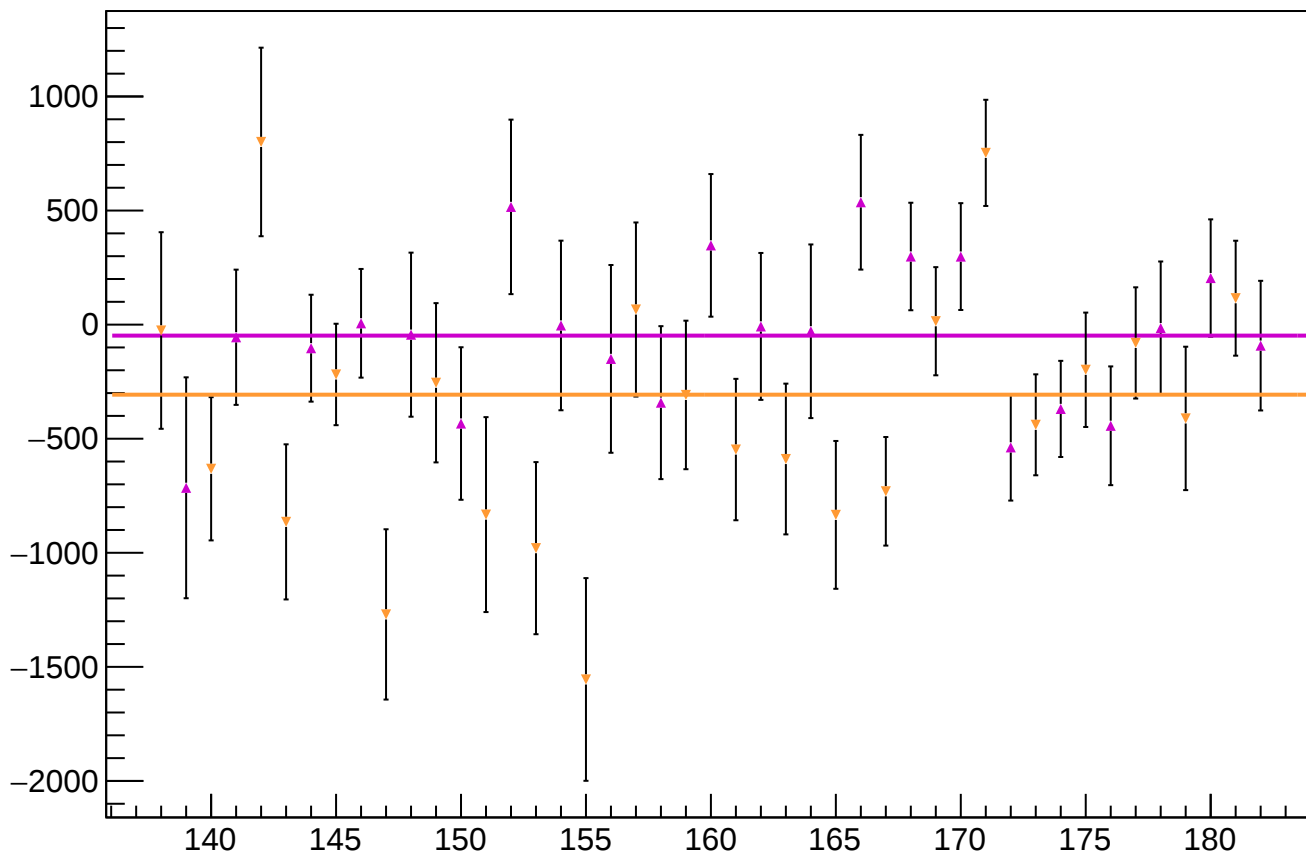
Left In: 47.749+/-0.008 χ^2/NDF : 270424.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.624+/-0.006 χ^2/NDF : 566074.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -307.019+/-61.822 χ^2/NDF : 65.8/22

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

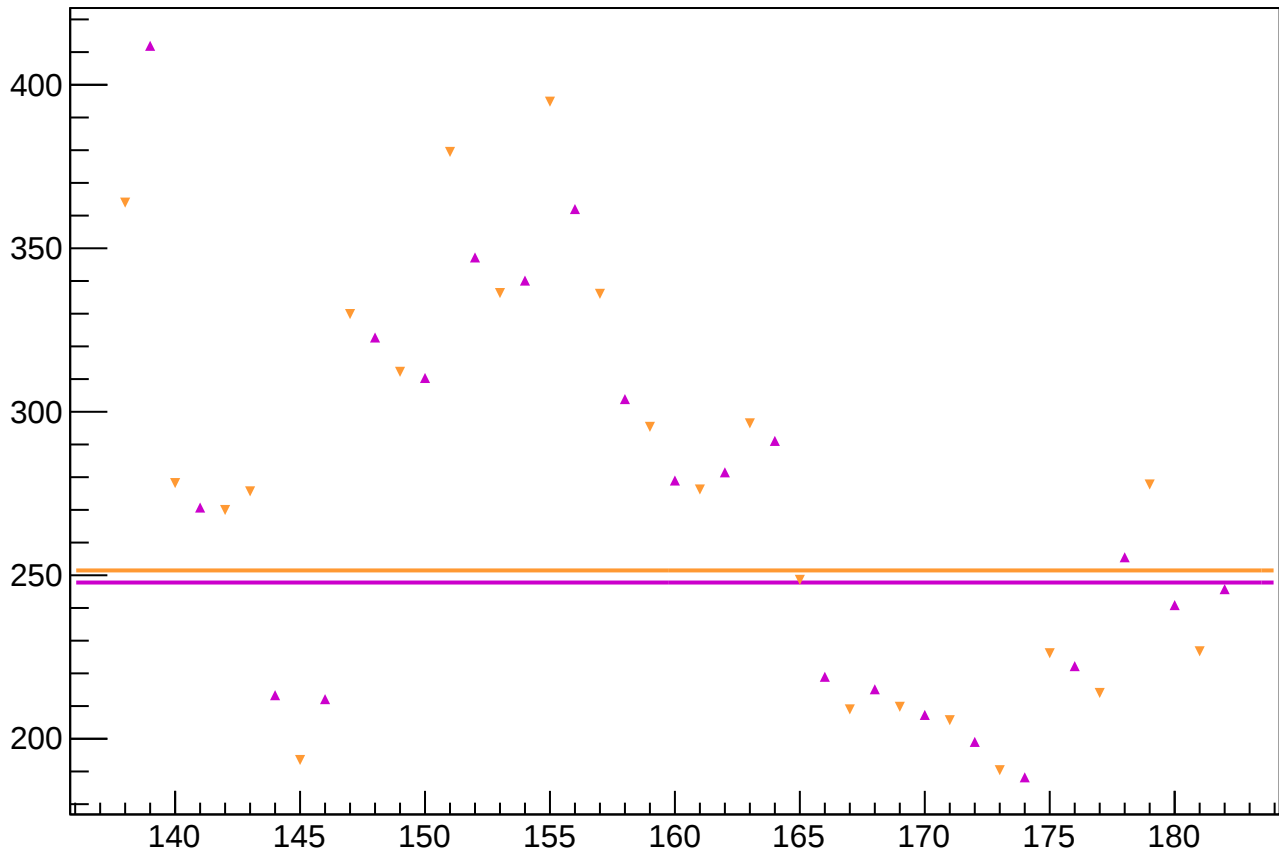
Left In: -48.129+/-61.252 χ^2/NDF : 26.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.377+/-43.512 χ^2/NDF : 101.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 251.481+/-0.044 χ^2/NDF :1580189.6/22

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

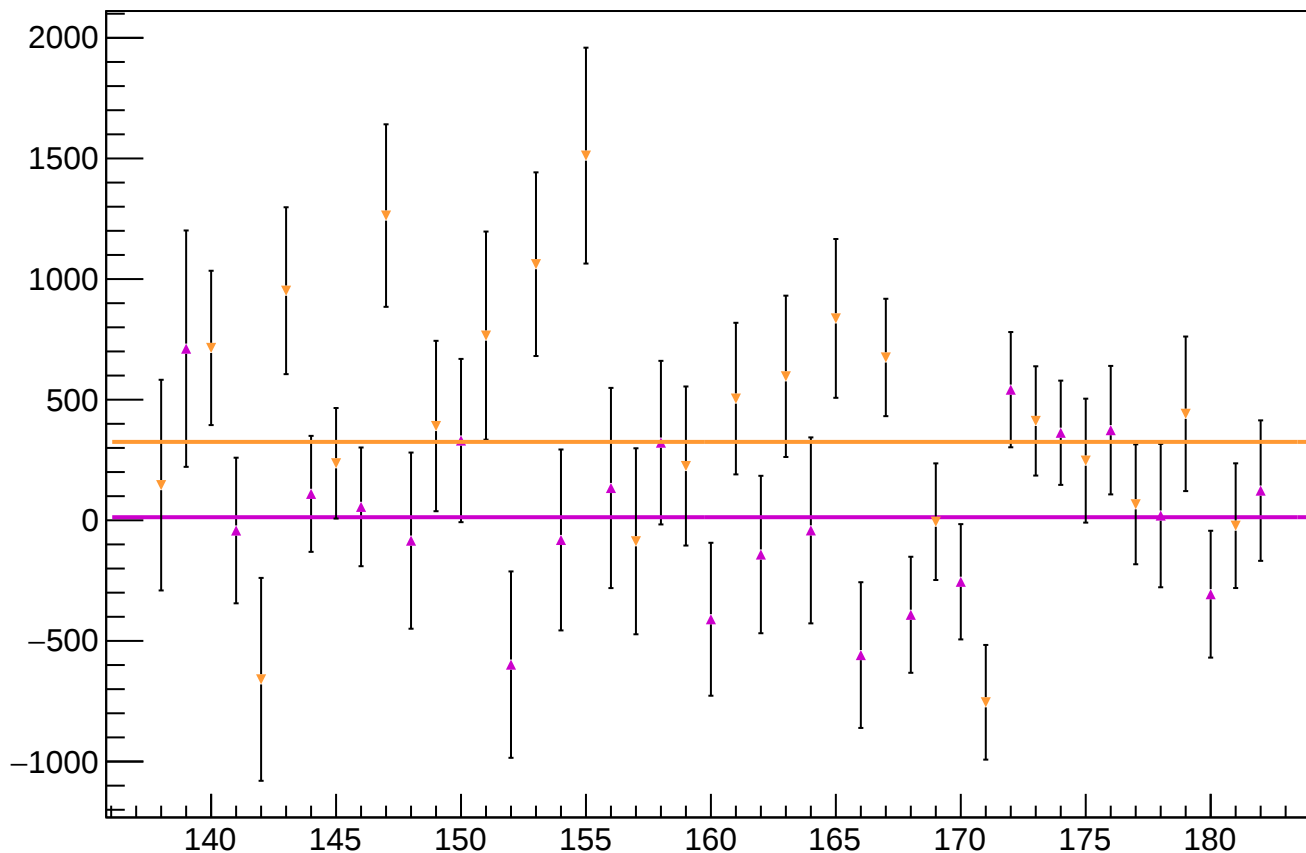
Left In: 247.782+/-0.043 χ^2/NDF :1410242.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.614+/-0.031 χ^2/NDF : 2994045.5/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 325.051+/-63.017 χ^2/NDF : 61.0/22

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

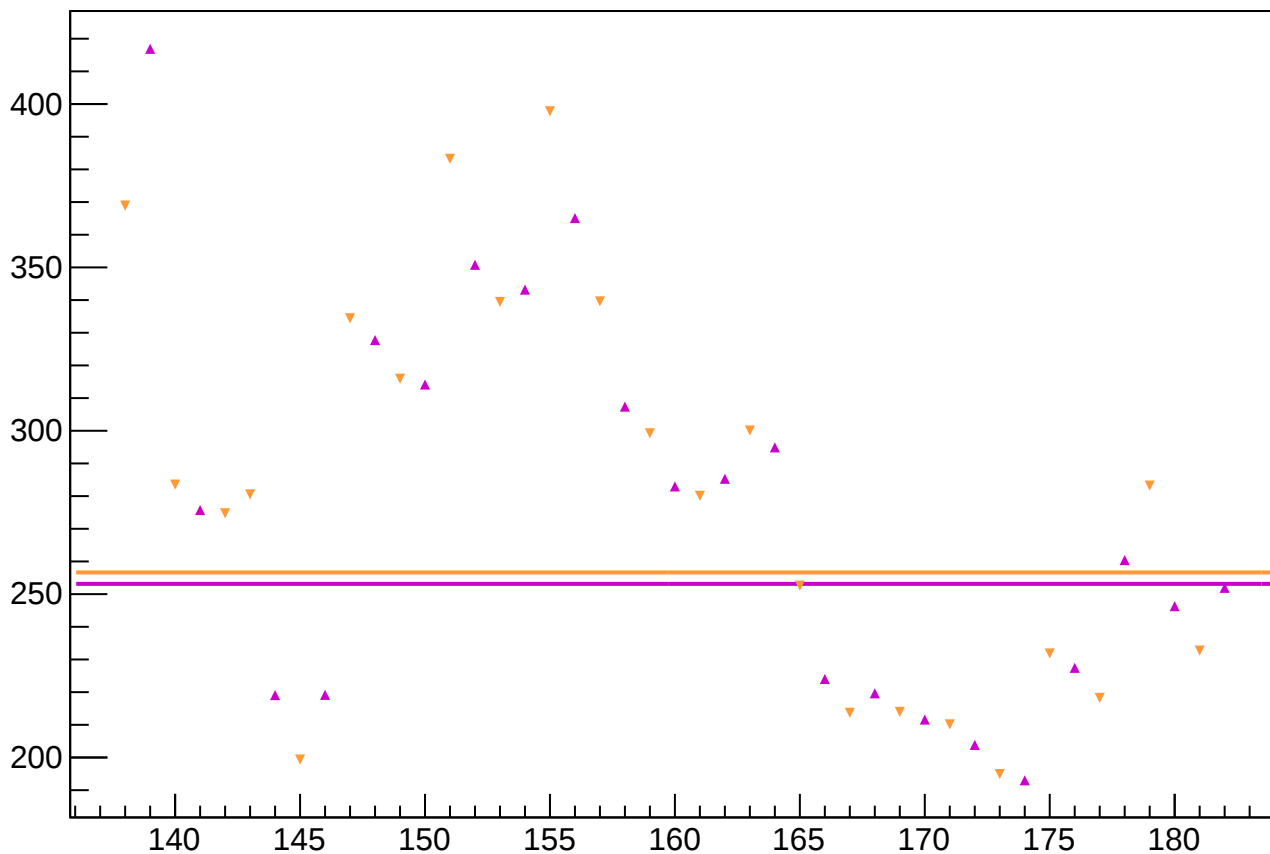
Left In: 12.818+/-62.505 χ^2/NDF : 27.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.661+/-44.378 χ^2/NDF : 100.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 256.638+/-0.045 χ^2/NDF : 1509225.5/22

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

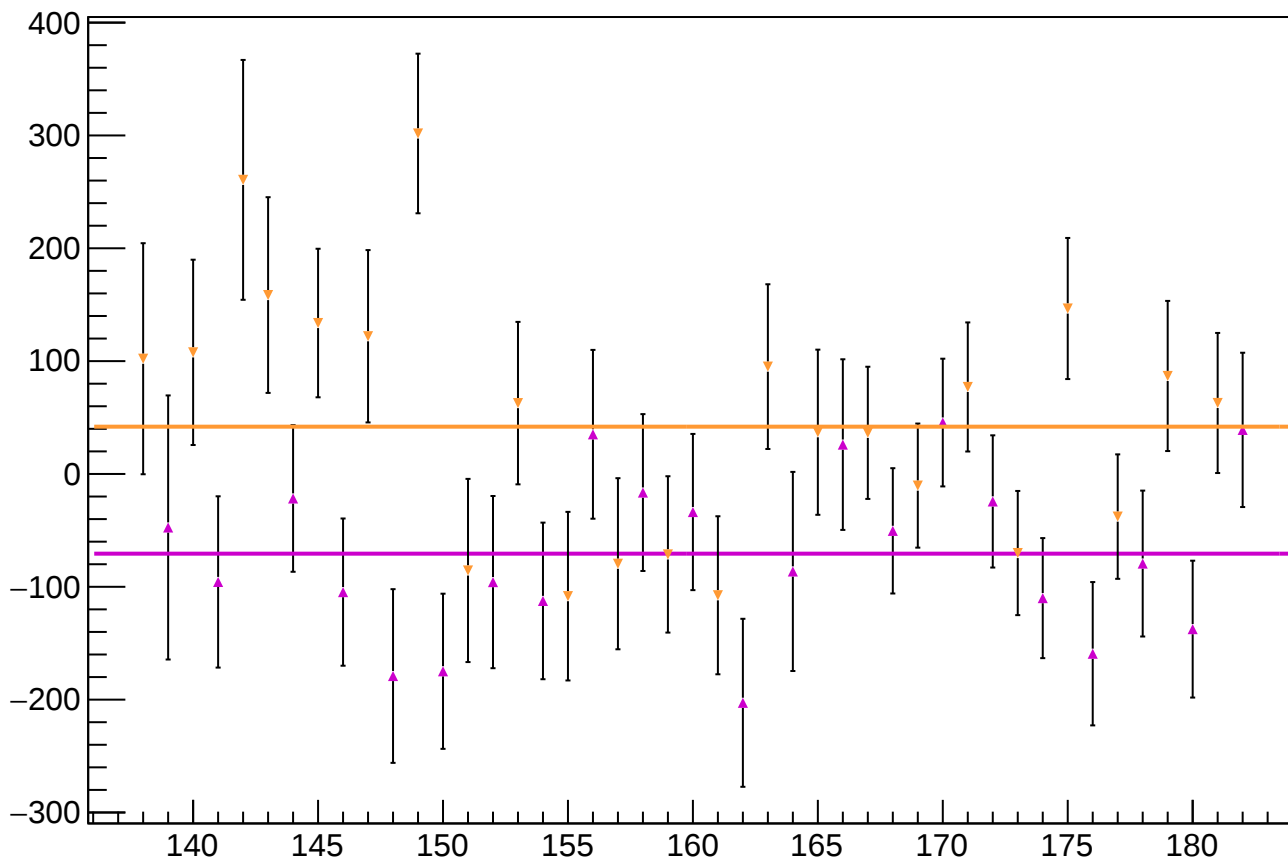
Left In: 253.142+/-0.044 χ^2/NDF : 1340981.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.876+/-0.031 χ^2/NDF : 2853310.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 41.913 $\pm$ 14.315 χ^2 /NDF:51.4/22

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

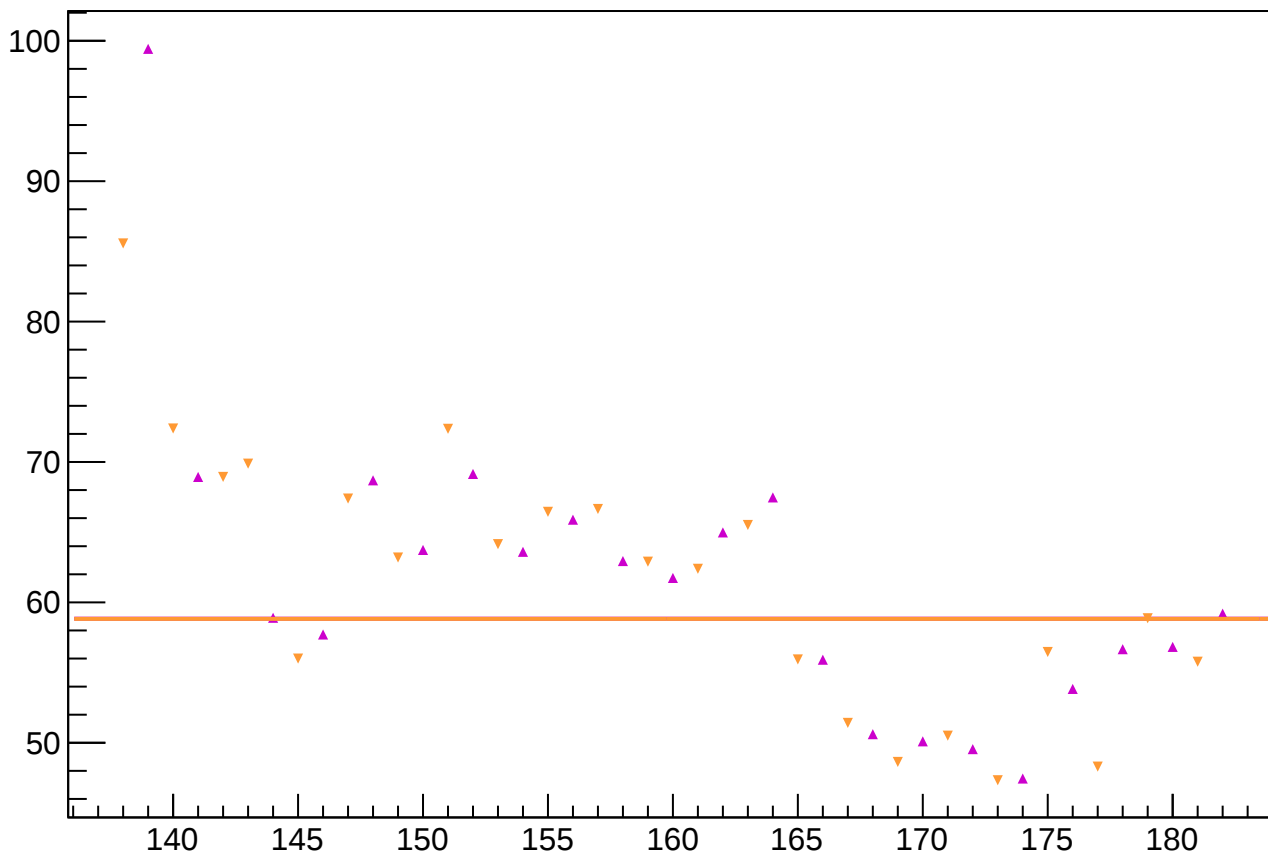
Left In: -70.633 $\pm$ 14.417 χ^2 /NDF:24.7/21

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

All: -13.958 $\pm$ 10.158 χ^2 /NDF: 106.8/44

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

reg_asym_sam_3726_avg_rms vs Slug



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

Left Out: 58.826+/-0.010 χ^2/NDF : 729615.8/22

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

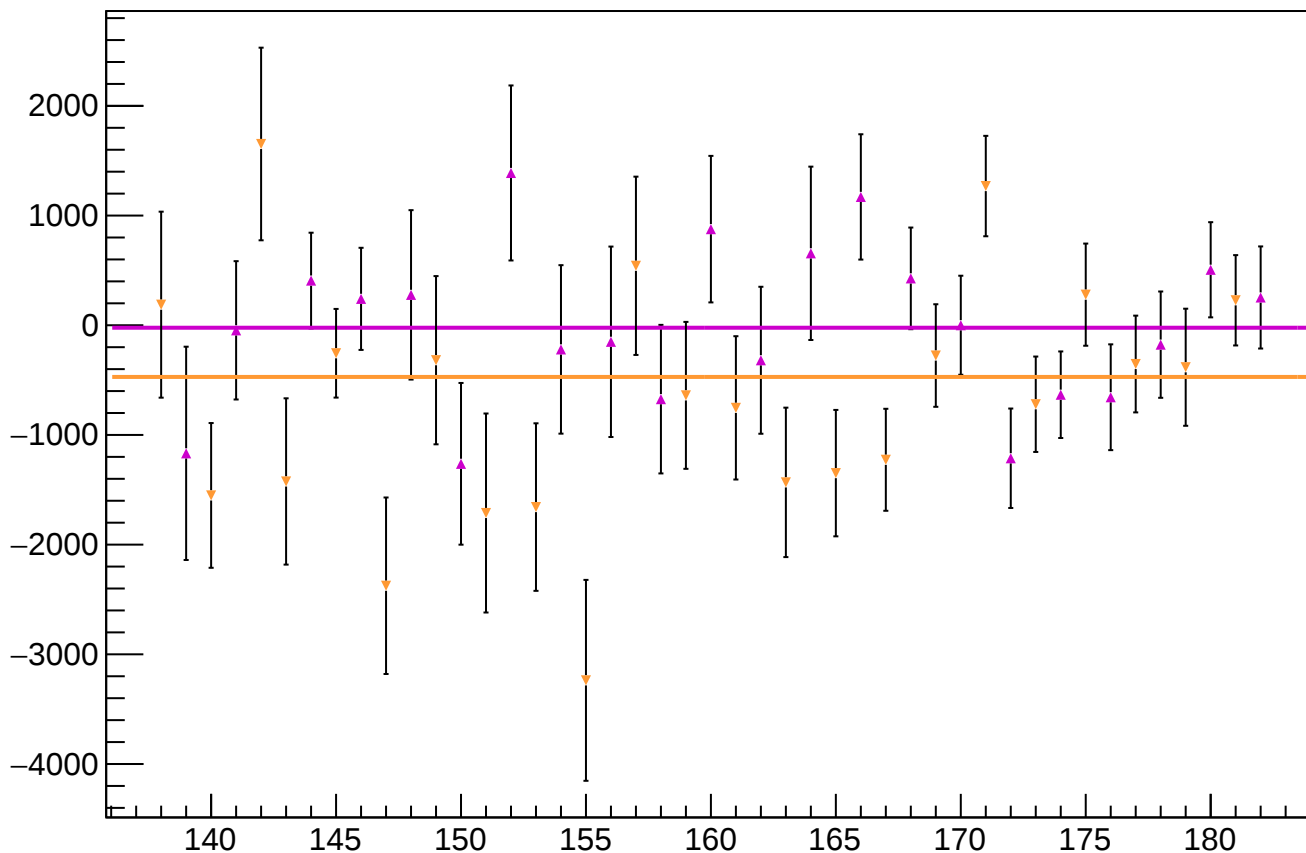
Left In: 58.838+/-0.010 χ^2/NDF : 679923.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.832+/-0.007 χ^2/NDF : 1409539.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -471.176+/-119.618 χ^2/NDF : 59.3/22

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

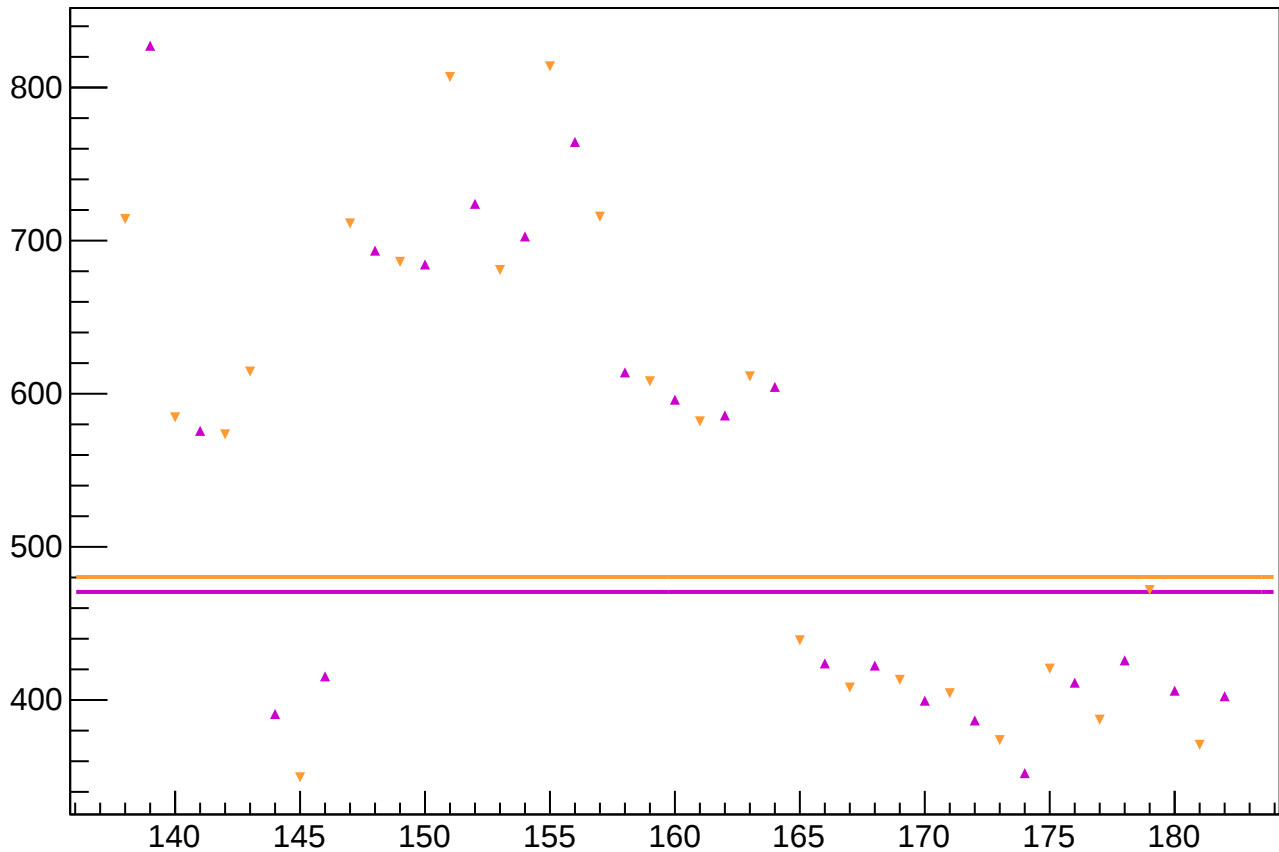
Left In: -22.617+/-117.681 χ^2/NDF : 30.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.235+/-83.889 χ^2/NDF : 97.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 480.341+/-0.085 χ^2/NDF : 2370193.9/22

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

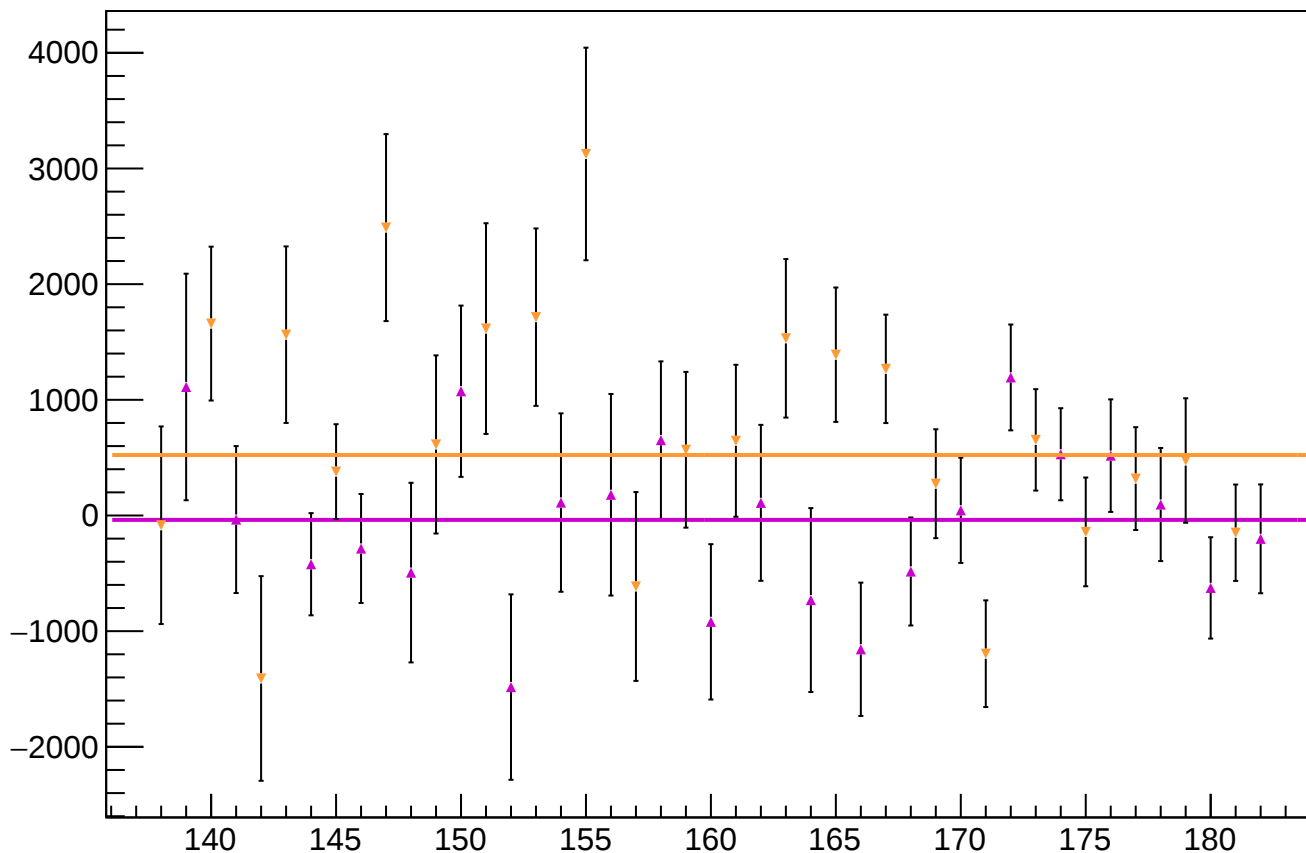
Left In: 470.548+/-0.083 χ^2/NDF : 2112559.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.364+/-0.059 χ^2/NDF : 4489564.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 522.734 $\pm$ 120.585 χ^2 /NDF:55.9/22

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

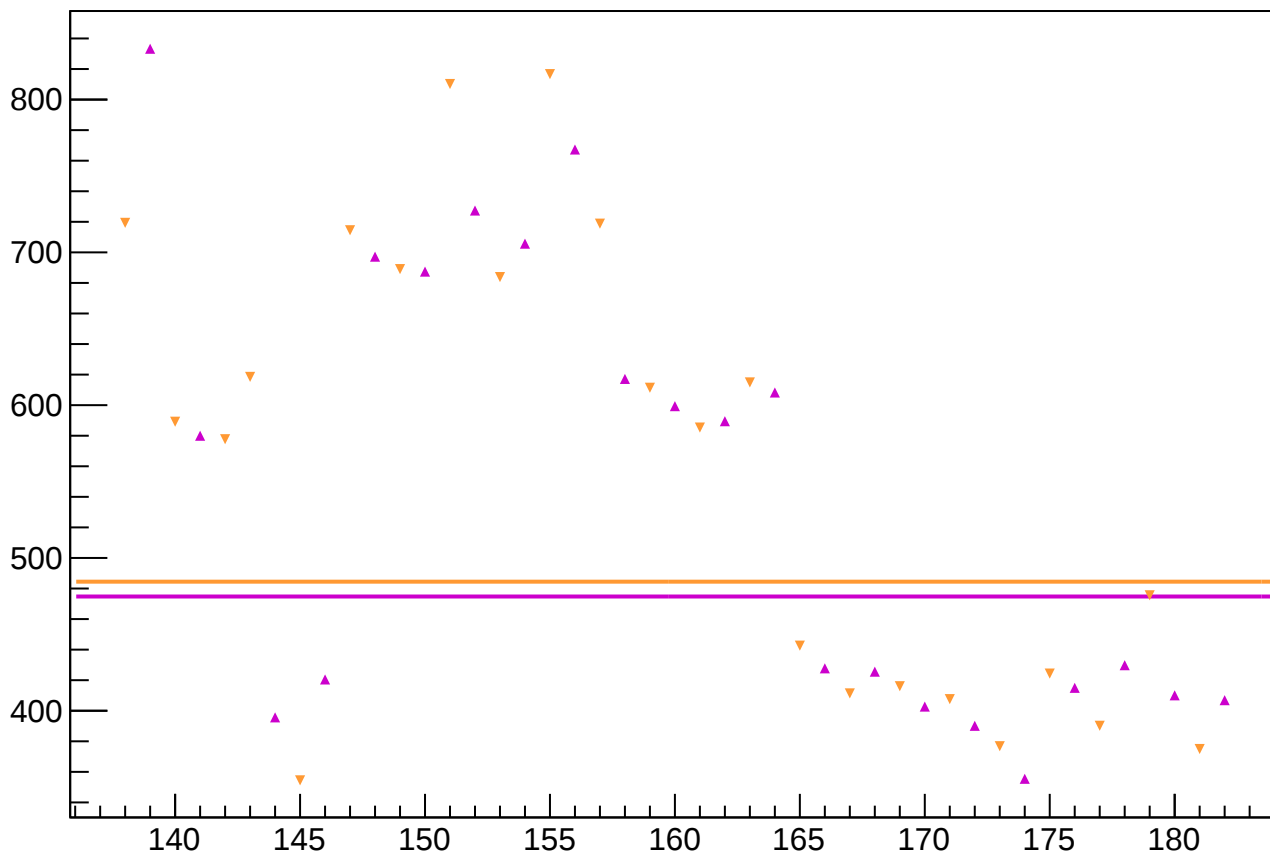
Left In: -38.049 $\pm$ 118.678 χ^2 /NDF:29.2/21

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

All: 237.874 $\pm$ 84.584 χ^2 /NDF: 96.1/44

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

asym_sam_3726_avg_rms vs Slug



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

Left Out: 484.481+/-0.085 χ^2/NDF :2335708.7/22

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

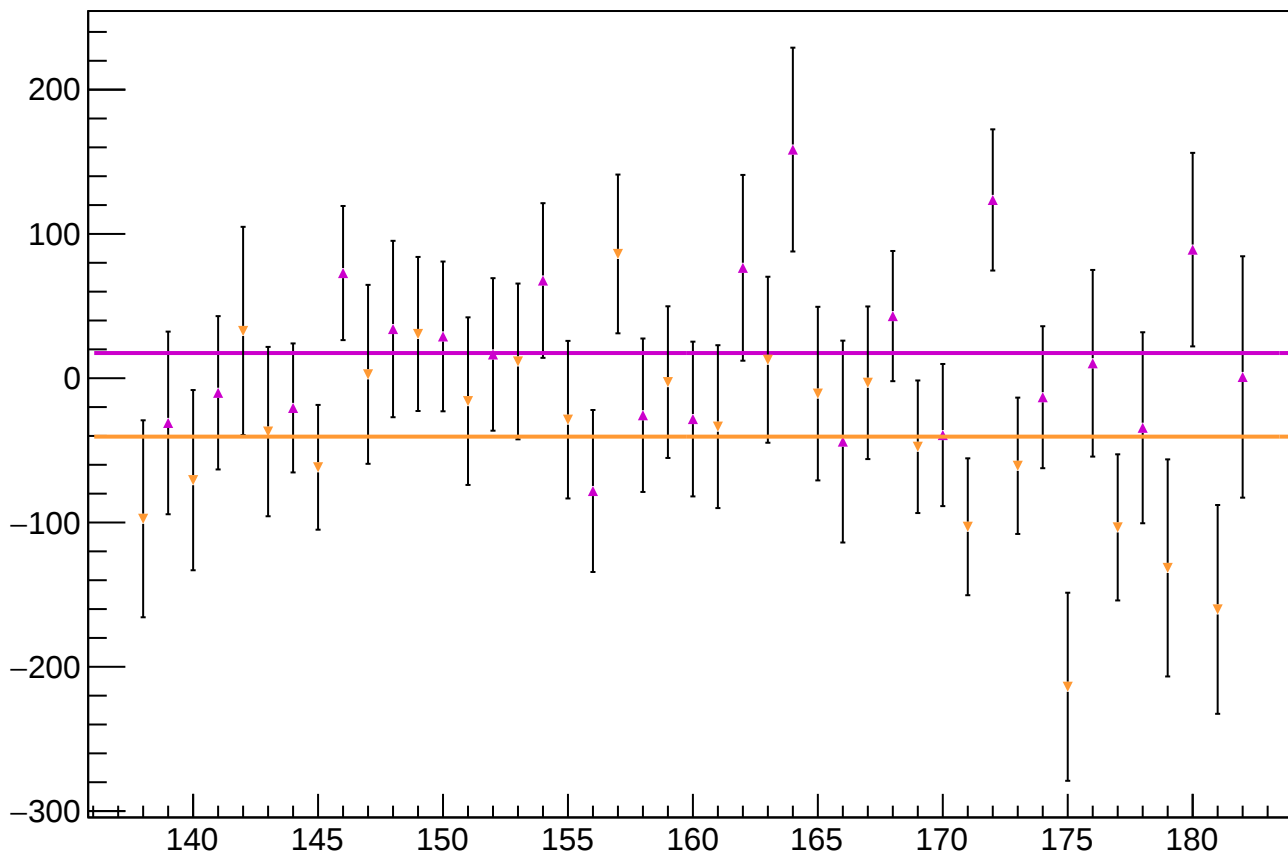
Left In: 474.769+/-0.084 χ^2/NDF :2082866.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.548+/-0.060 χ^2/NDF : 4425166.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -40.484+/-11.644 χ^2/NDF : 27.8/22

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

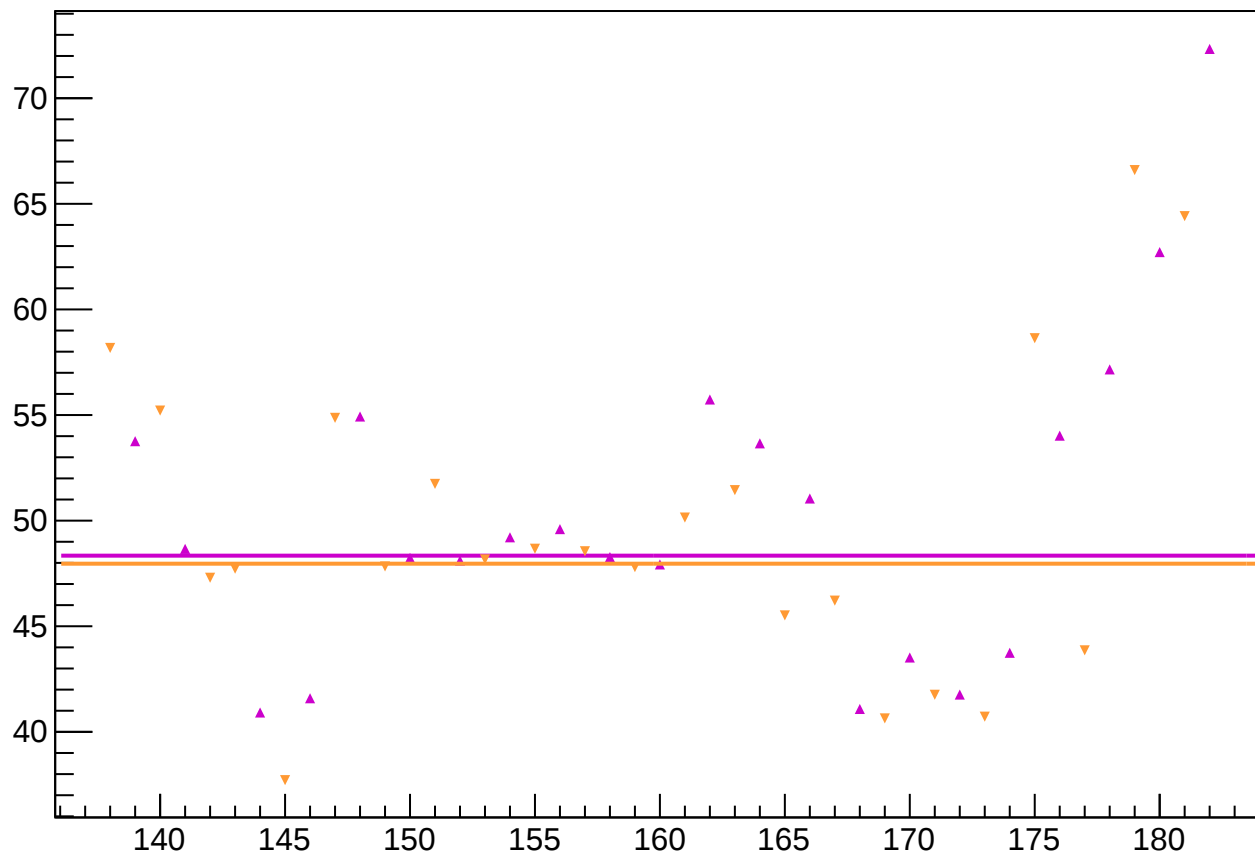
Left In: 17.451+/-11.832 χ^2/NDF : 22.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.979+/-8.299 χ^2/NDF : 62.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 47.962+/-0.008 χ^2/NDF : 658975.7/22

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

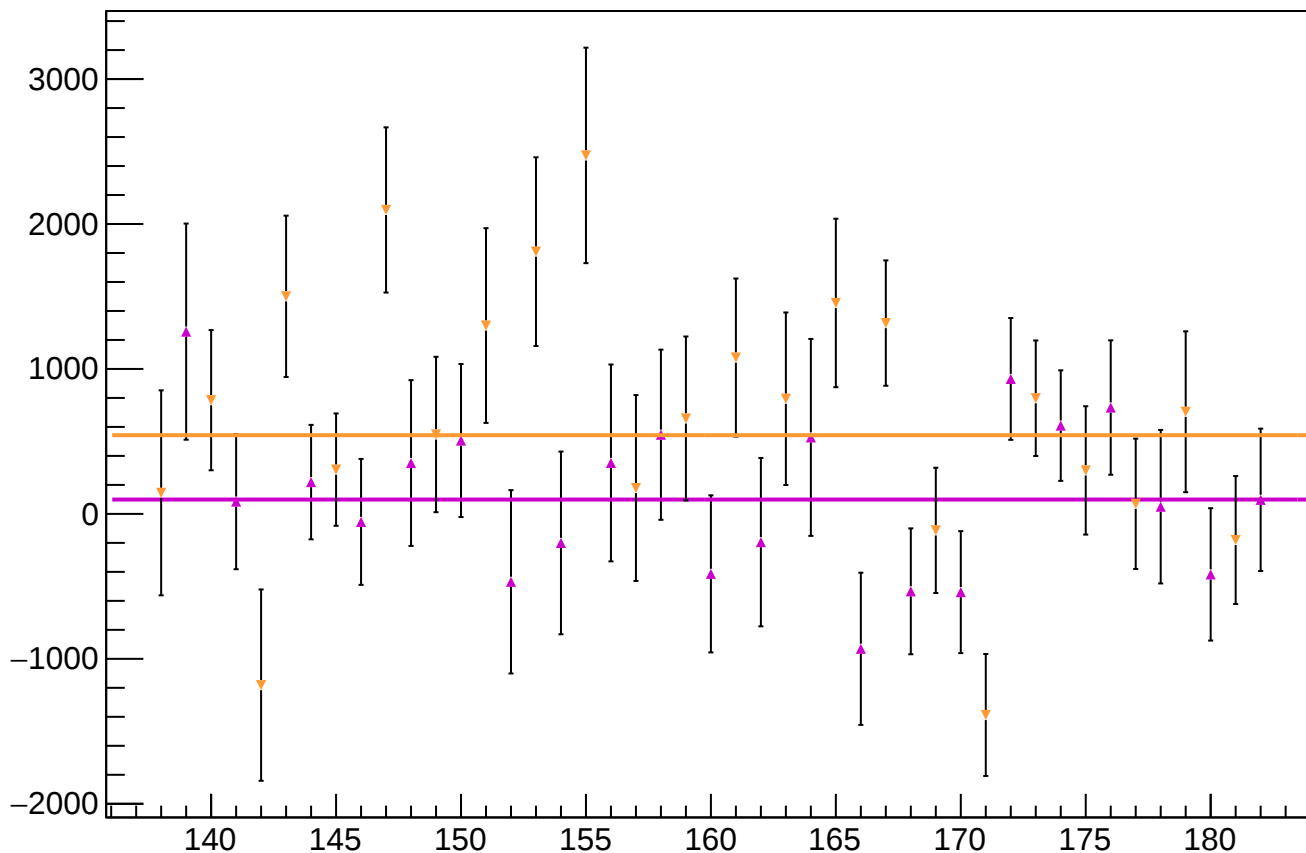
Left In: 48.342+/-0.008 χ^2/NDF : 609547.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.149+/-0.006 χ^2/NDF : 1269575.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 542.883 $\pm$ 107.098 χ^2 /NDF:65.1/22

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

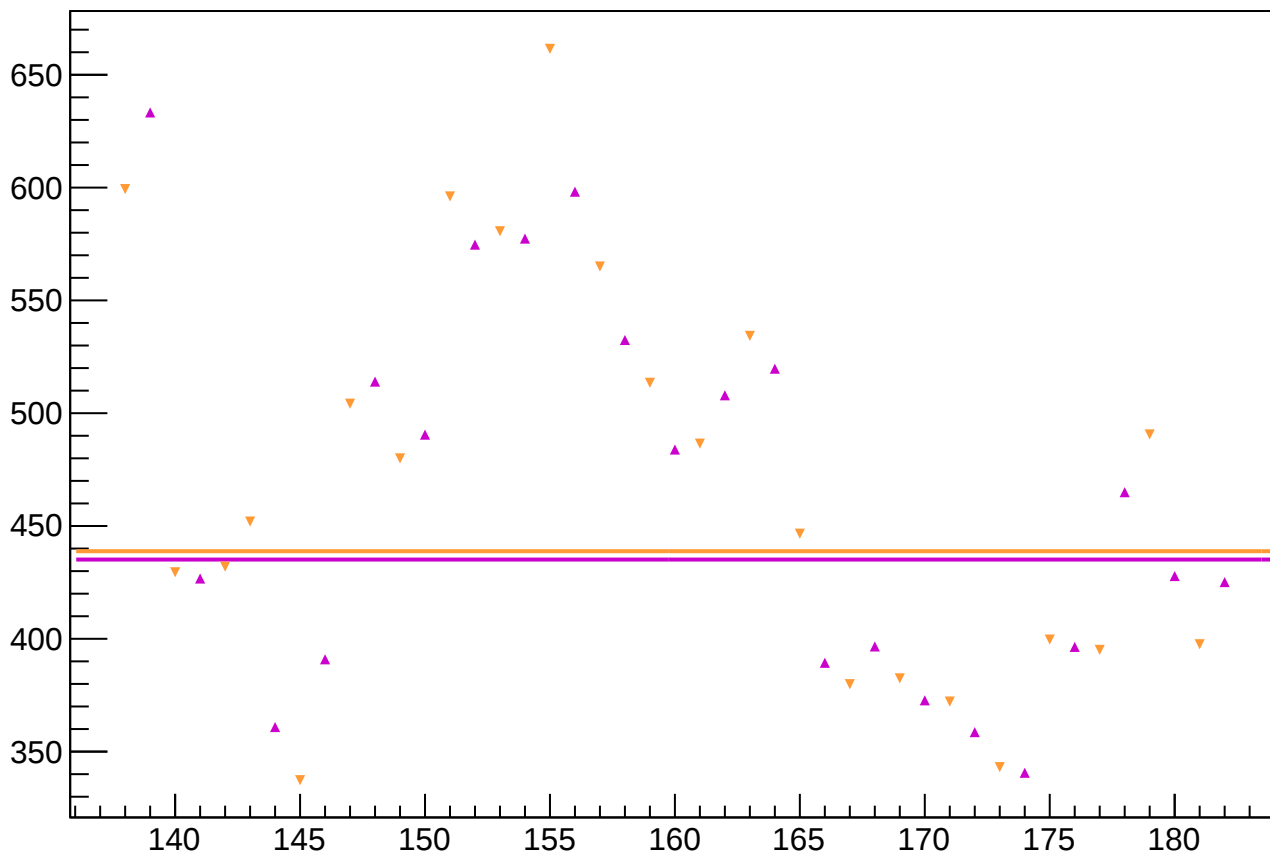
Left In: 98.943 $\pm$ 106.805 χ^2 /NDF:23.9/21

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

All: 320.304 $\pm$ 75.626 χ^2 /NDF: 97.6/44

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

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 438.831+/-0.076 χ^2/NDF :1150051.9/22

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

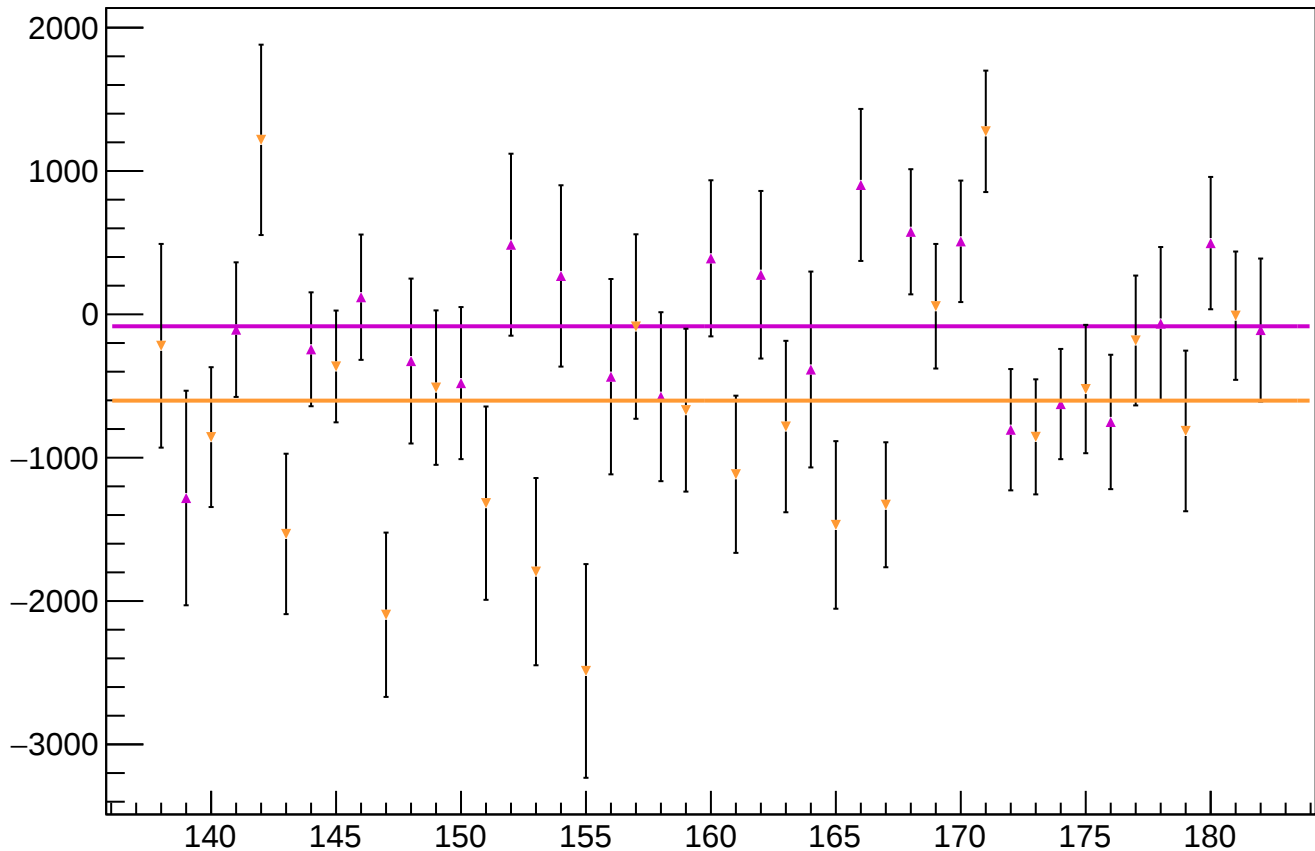
Left In: 435.126+/-0.076 χ^2/NDF :1027474.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.974+/-0.053 χ^2/NDF : 2178726.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -601.914 $\pm$ 107.837 χ^2 /NDF:60.6/22

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

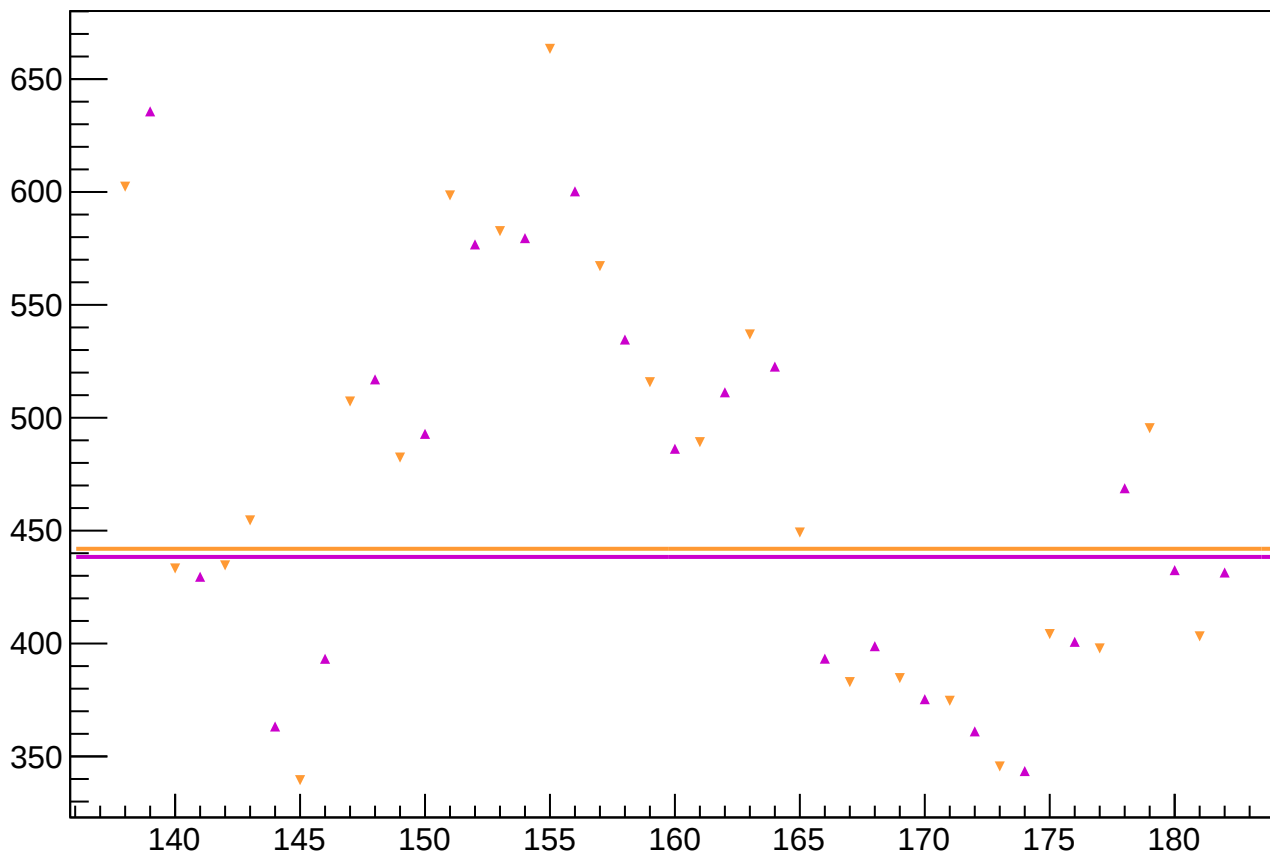
Left In: -83.281 $\pm$ 107.572 χ^2 /NDF:23.3/21

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

All: -341.961 $\pm$ 76.158 χ^2 /NDF: 95.5/44

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

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 441.966+/-0.076 χ^2/NDF : 1134898.3/22

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

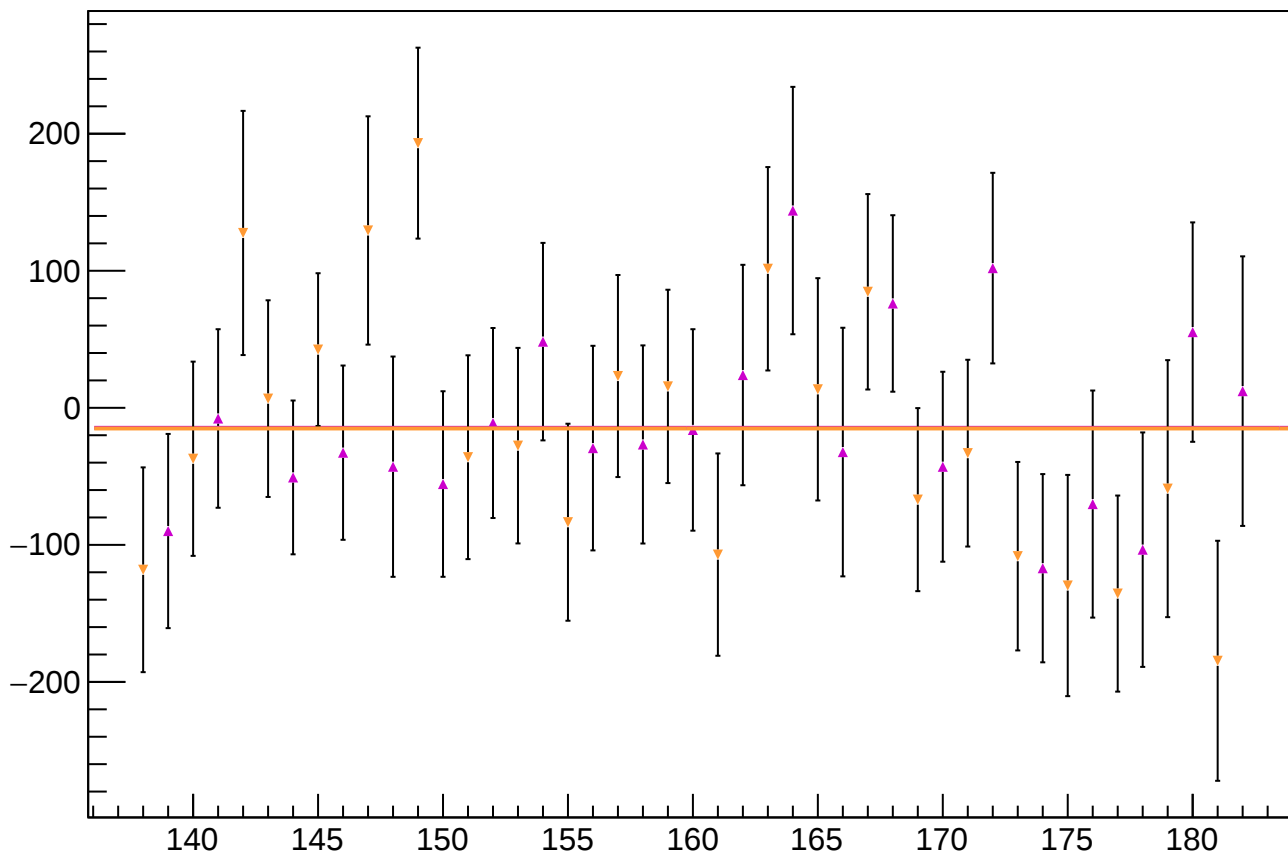
Left In: 438.354+/-0.076 χ^2/NDF : 1012666.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.155+/-0.054 χ^2/NDF : 2148689.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: -15.051+/-15.277 χ^2/NDF : 36.6/22

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

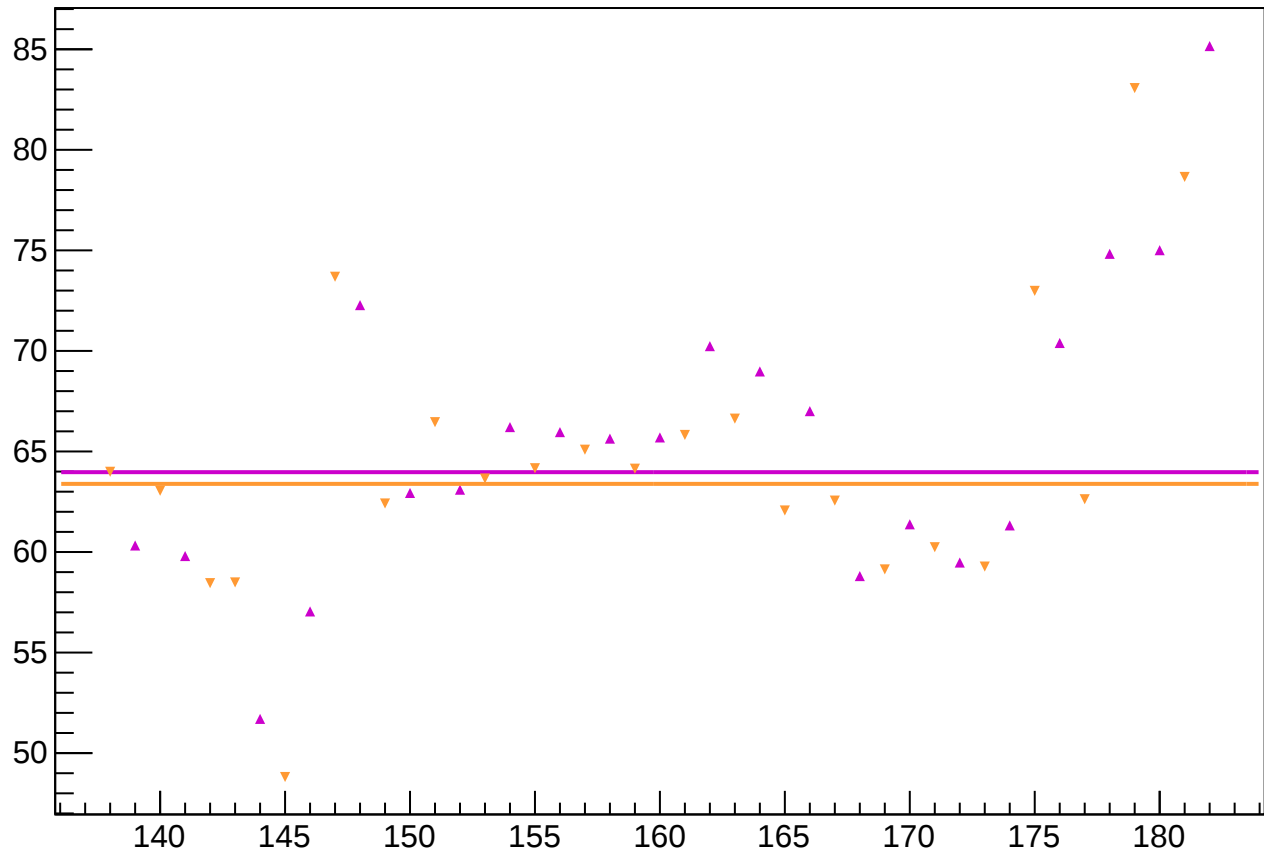
Left In: -14.617+/-15.544 χ^2/NDF : 15.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.838+/-10.896 χ^2/NDF : 52.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 63.388+/-0.011 χ^2/NDF : 392161.5/22

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

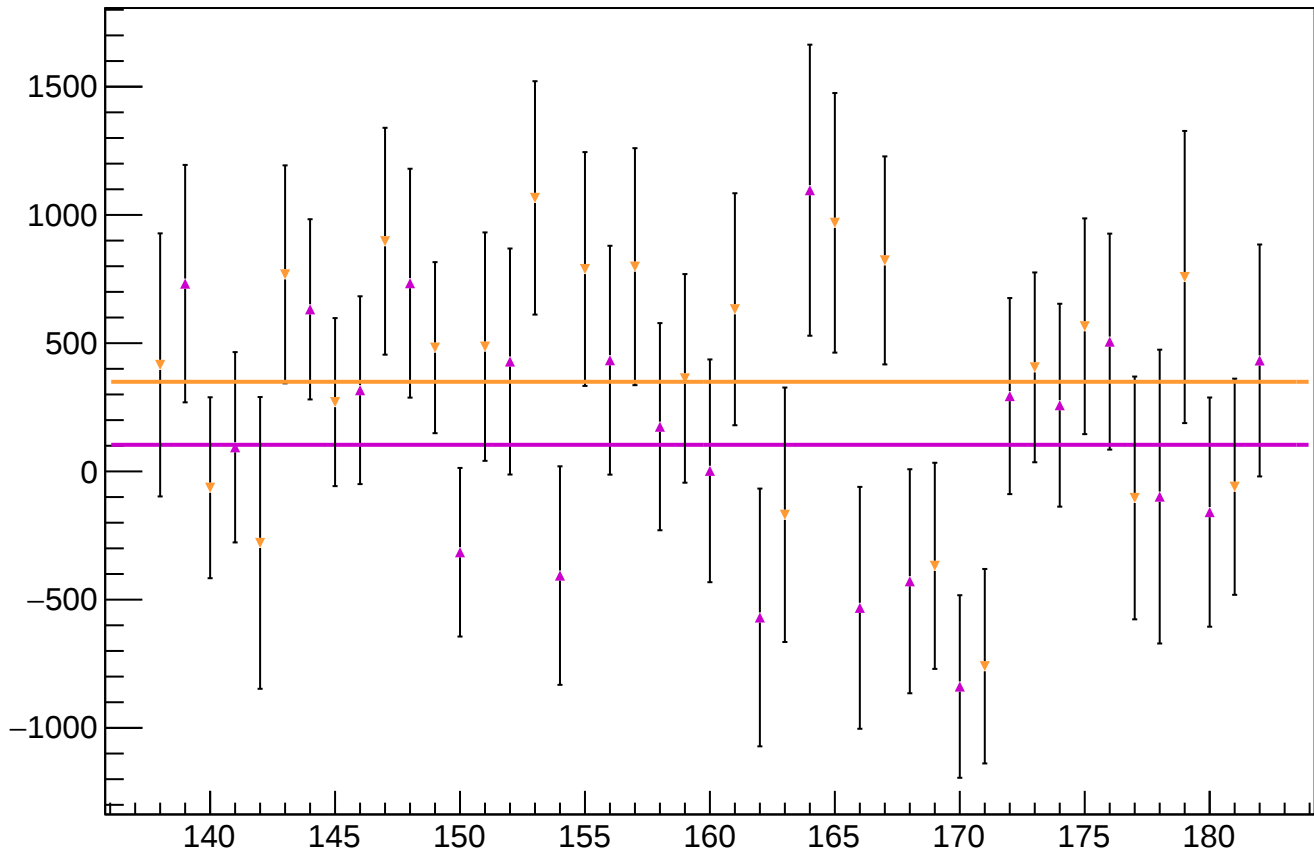
Left In: 63.970+/-0.011 χ^2/NDF : 383167.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.674+/-0.008 χ^2/NDF : 776756.1/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 349.459+/-88.552 χ^2/NDF : 28.5/22

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

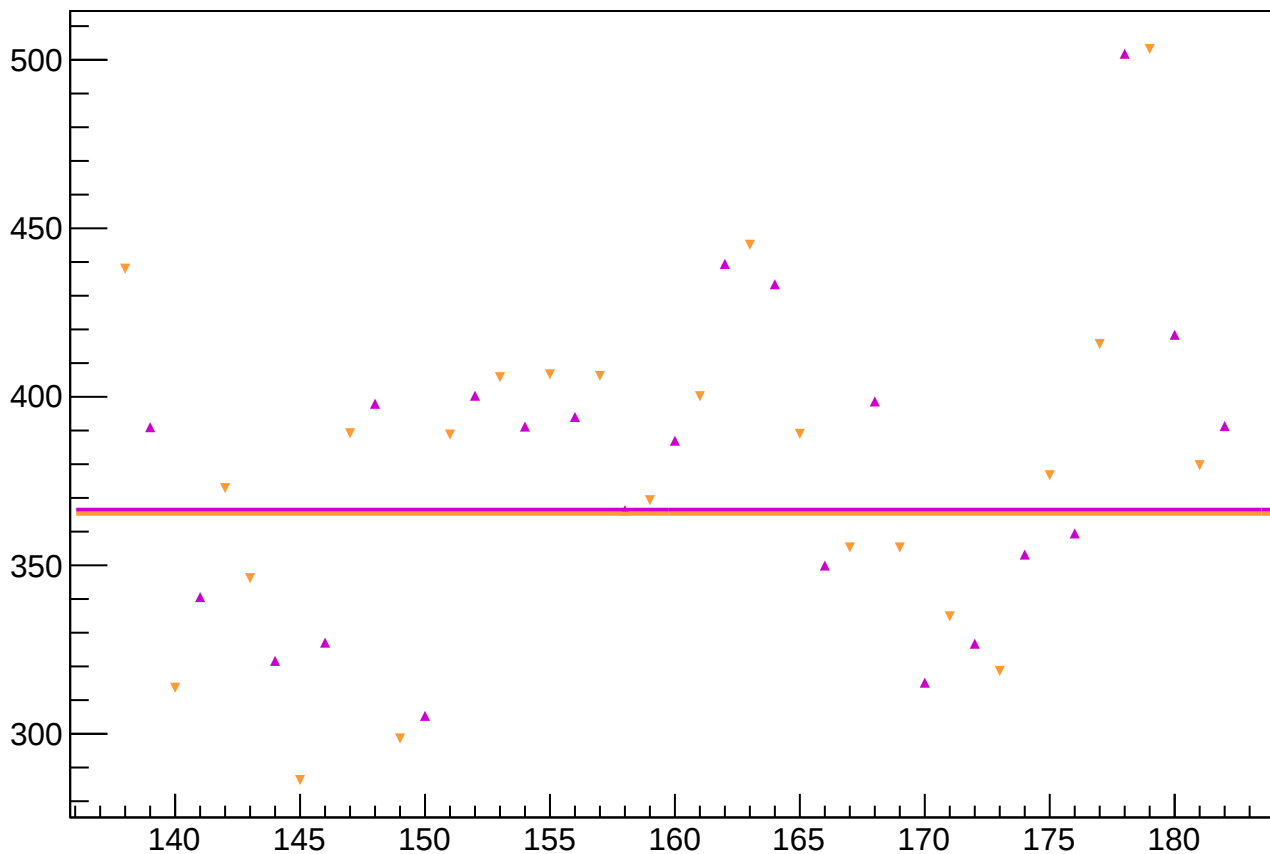
Left In: 103.746+/-89.295 χ^2/NDF : 28.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.629+/-62.877 χ^2/NDF : 60.5/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 365.317+/-0.063 χ^2/NDF : 602270.5/22

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

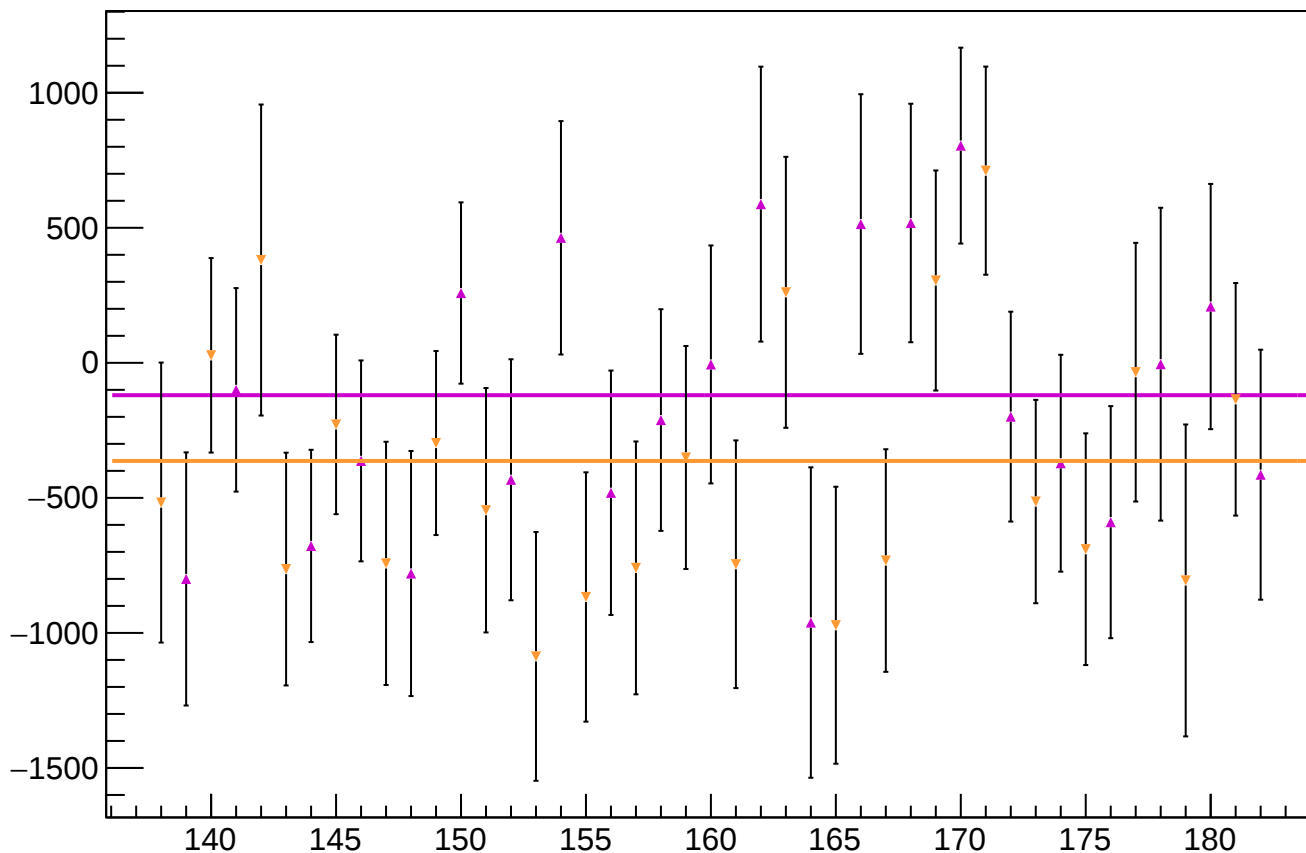
Left In: 366.495+/-0.063 χ^2/NDF : 474836.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.901+/-0.044 χ^2/NDF : 1077282.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -363.260 $\pm$ 89.955 χ^2 /NDF:26.3/22

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

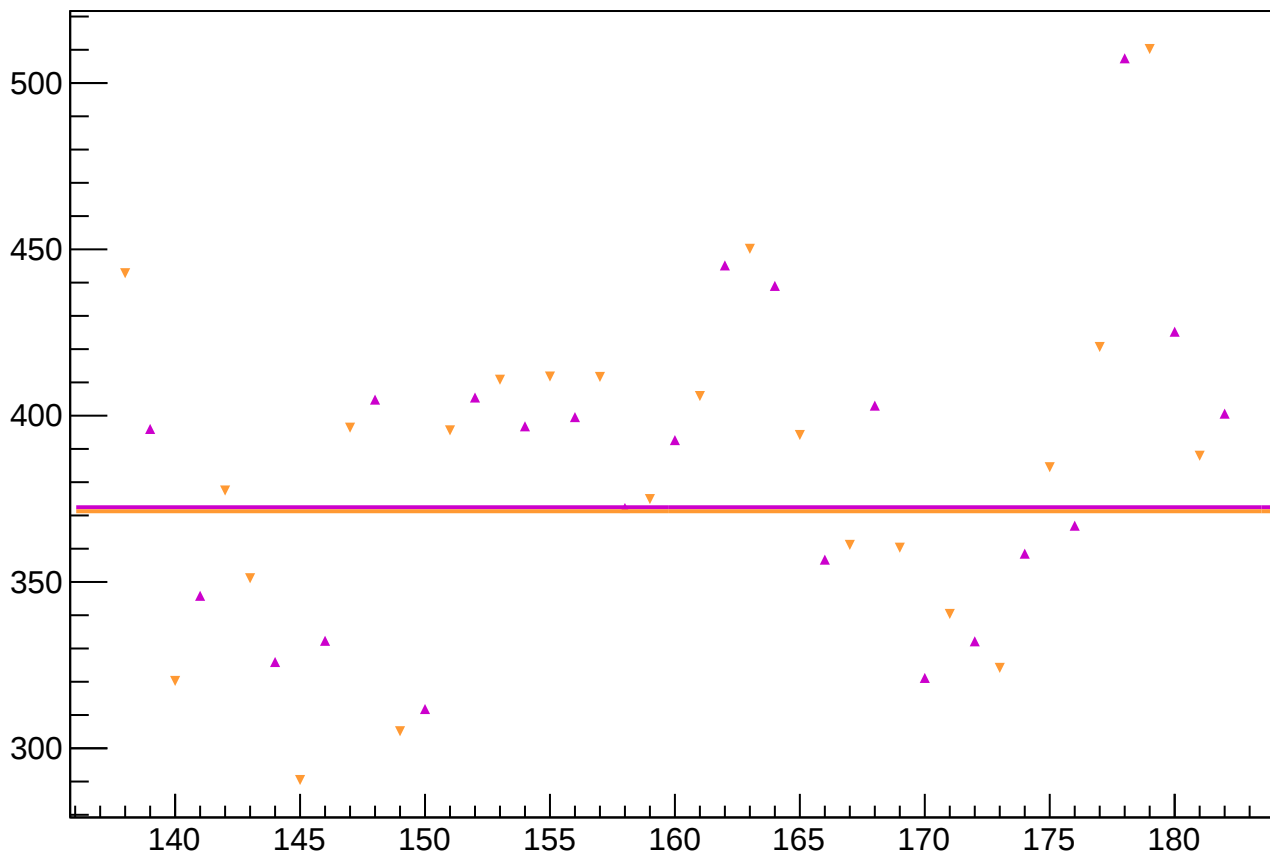
Left In: -119.821 $\pm$ 90.722 χ^2 /NDF:28.4/21

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

All: -242.573 $\pm$ 63.877 χ^2 /NDF: 58.3/44

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

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 371.261+/-0.064 χ^2/NDF : 587329.9/22

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

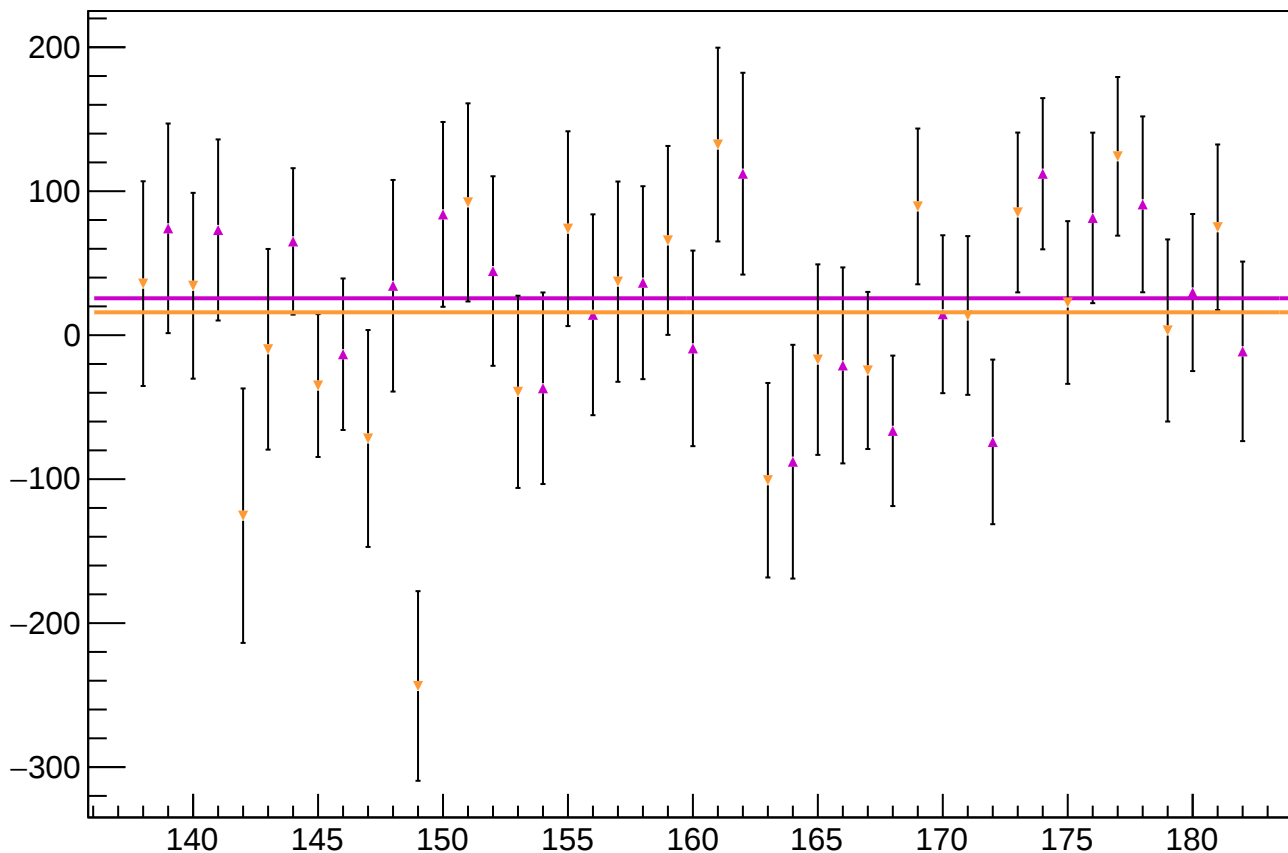
Left In: 372.458+/-0.064 χ^2/NDF : 463353.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.855+/-0.045 χ^2/NDF : 1050859.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



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

Left Out: 15.888 $\pm$ 13.049 χ^2 /NDF:39.3/22

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

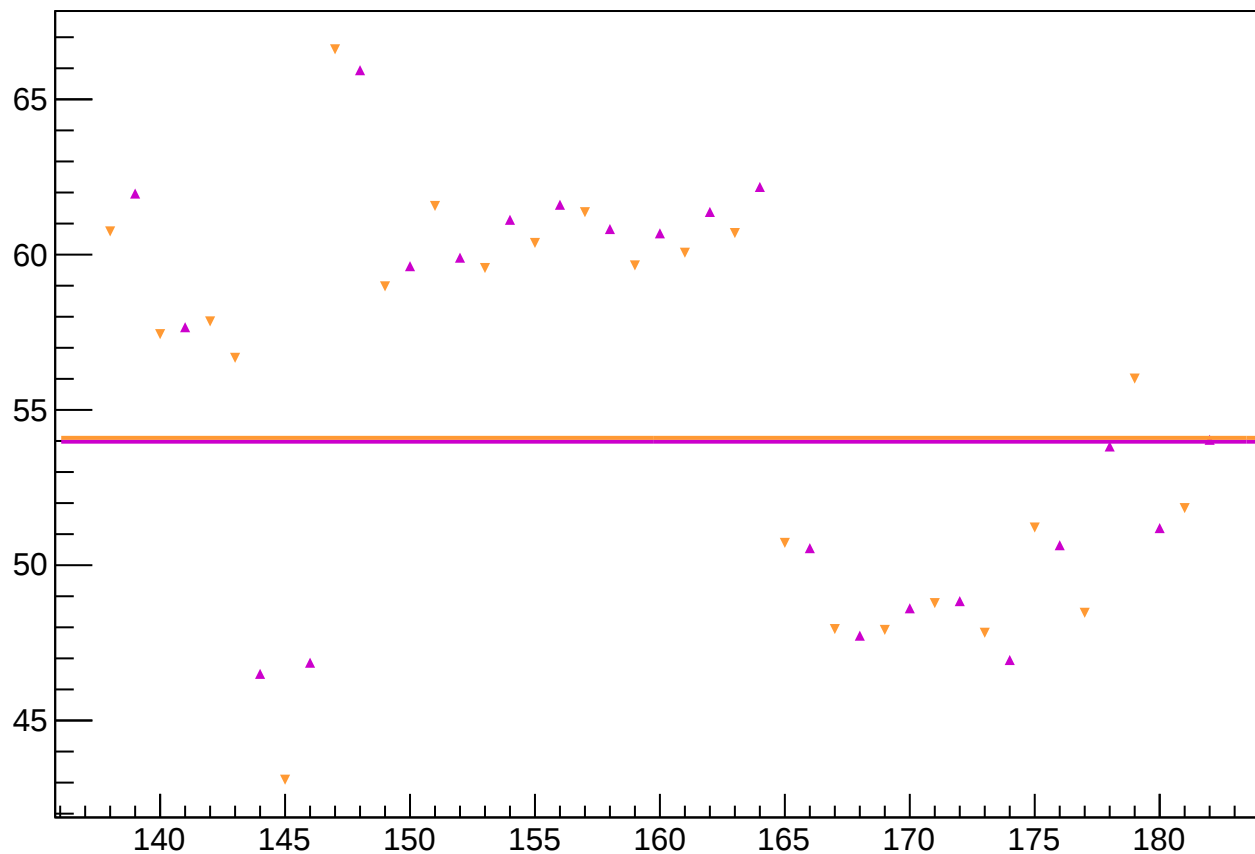
Left In: 25.624 $\pm$ 13.126 χ^2 /NDF:19.5/21

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

All: 20.727 $\pm$ 9.254 χ^2 /NDF: 59.1/44

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

reg_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 54.101+/-0.009 χ^2/NDF : 450897.2/22

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

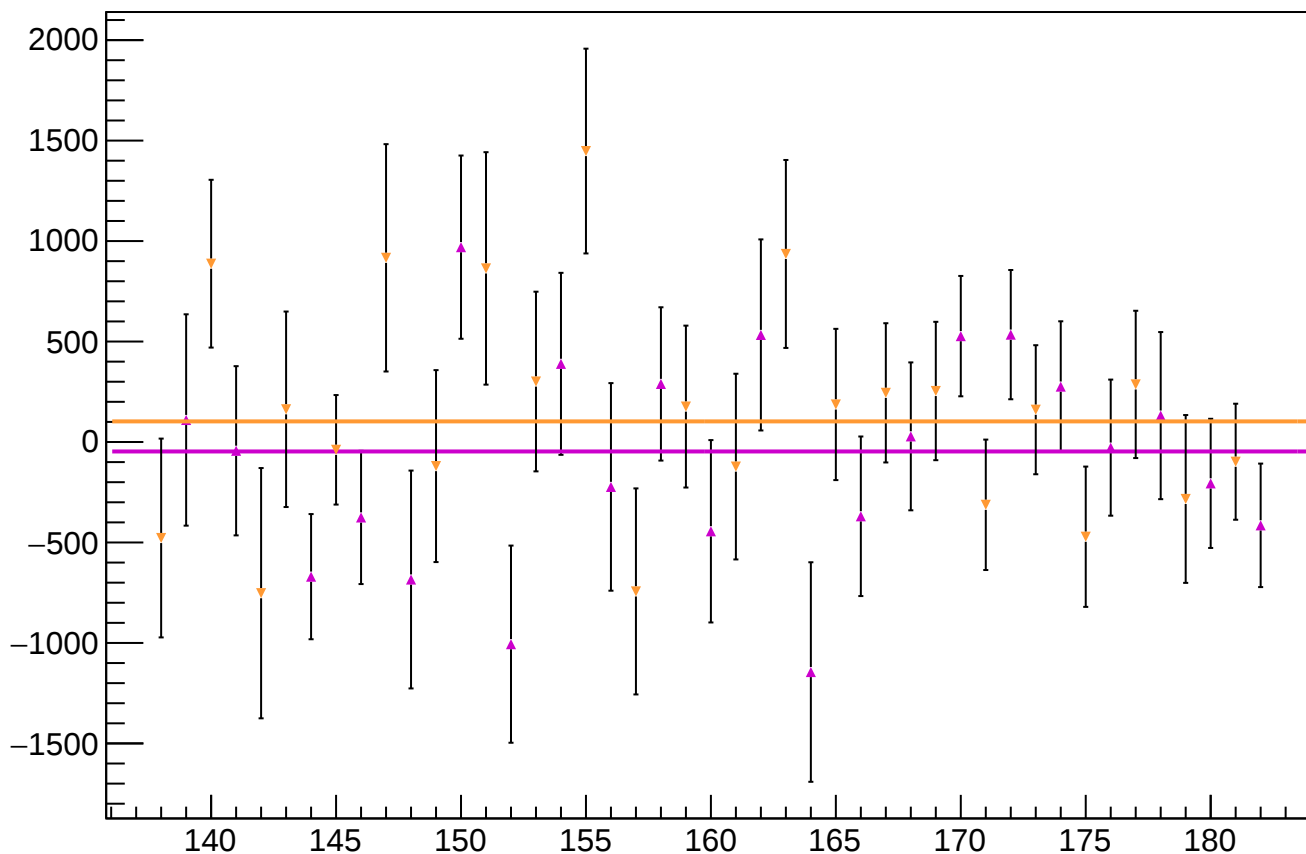
Left In: 53.978+/-0.009 χ^2/NDF : 441847.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.040+/-0.007 χ^2/NDF : 892833.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 102.603+/-83.024 χ^2/NDF :30.8/22

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

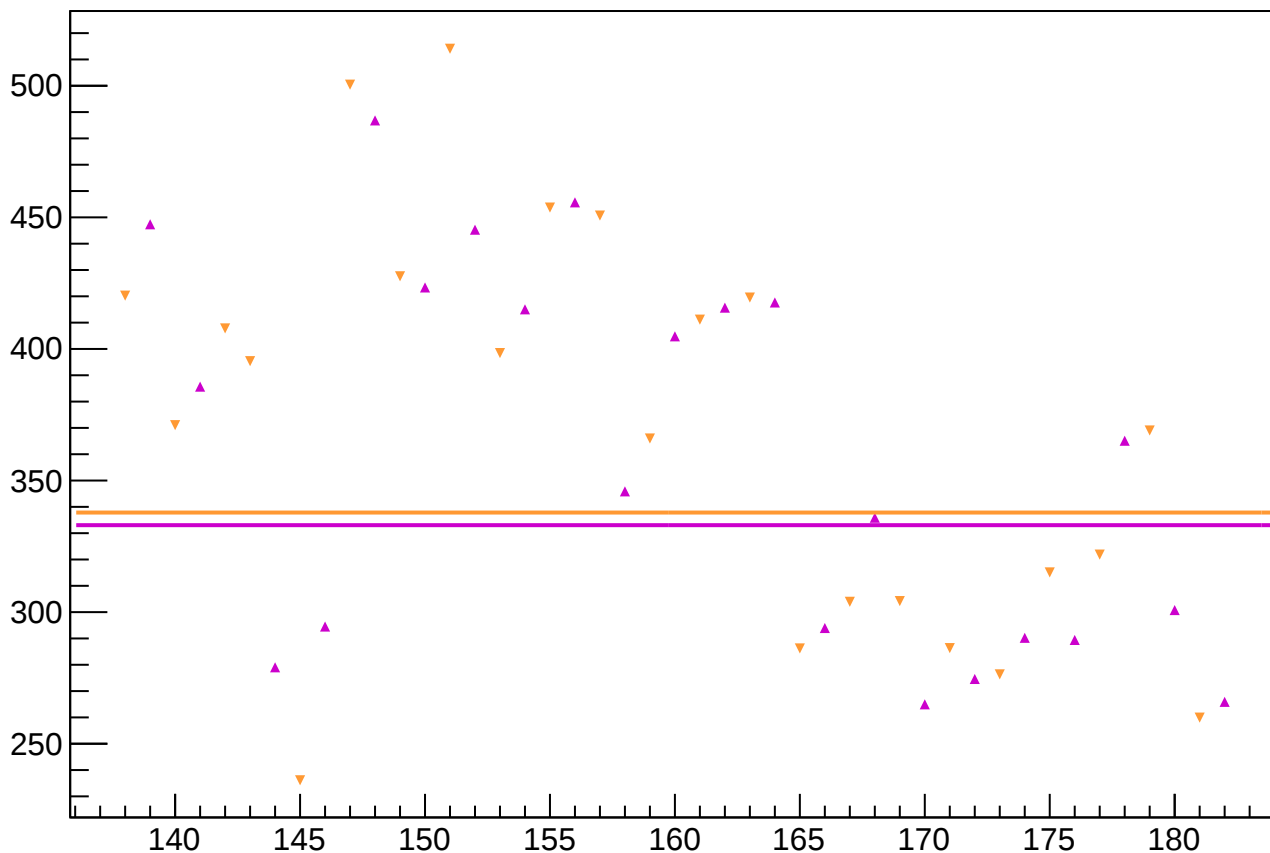
Left In: -47.063+/-82.216 χ^2/NDF :33.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.038+/-58.419 χ^2/NDF : 66.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 337.841+/-0.059 χ^2/NDF :1548523.8/22

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

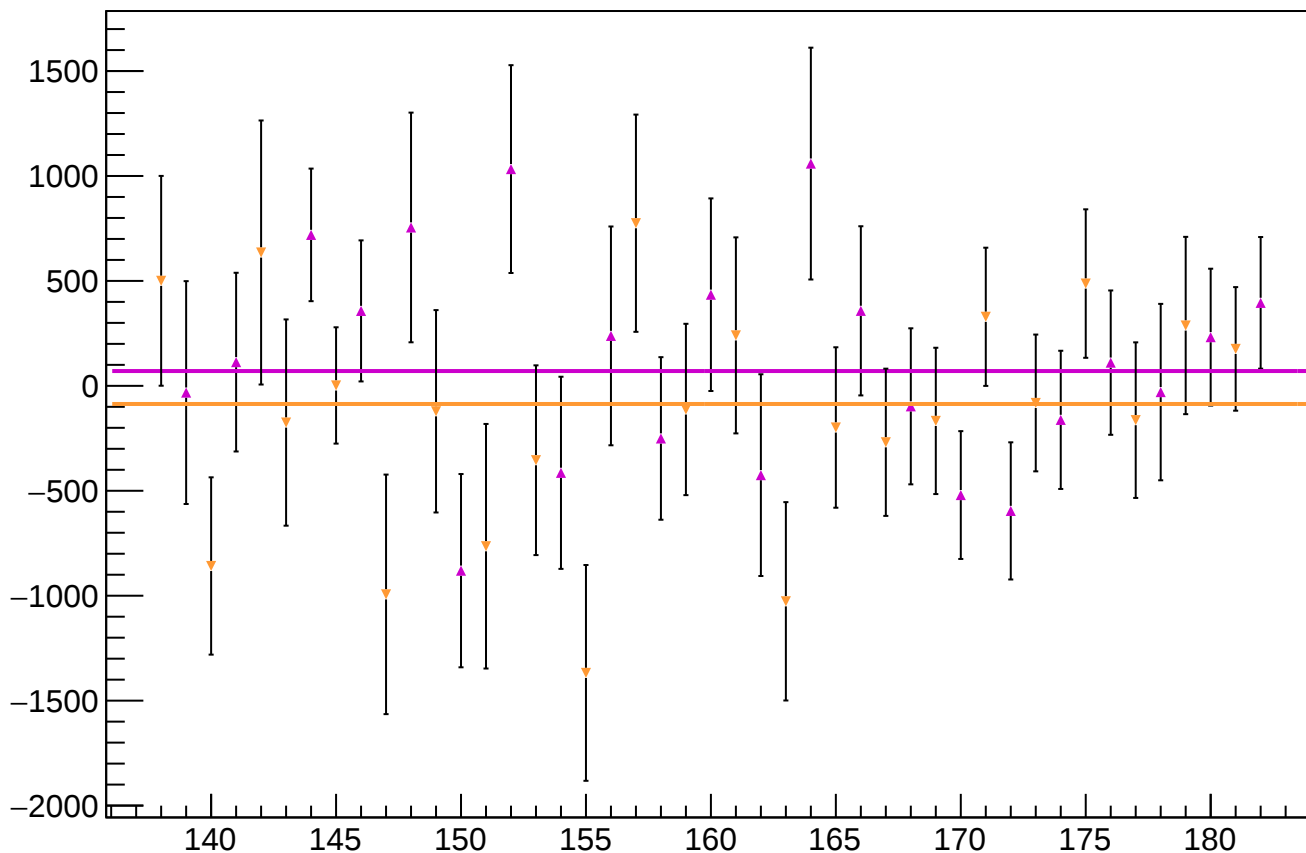
Left In: 333.043+/-0.058 χ^2/NDF :1280339.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.418+/-0.041 χ^2/NDF : 2832235.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -86.422+/-84.116 χ^2/NDF : 30.1/22

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

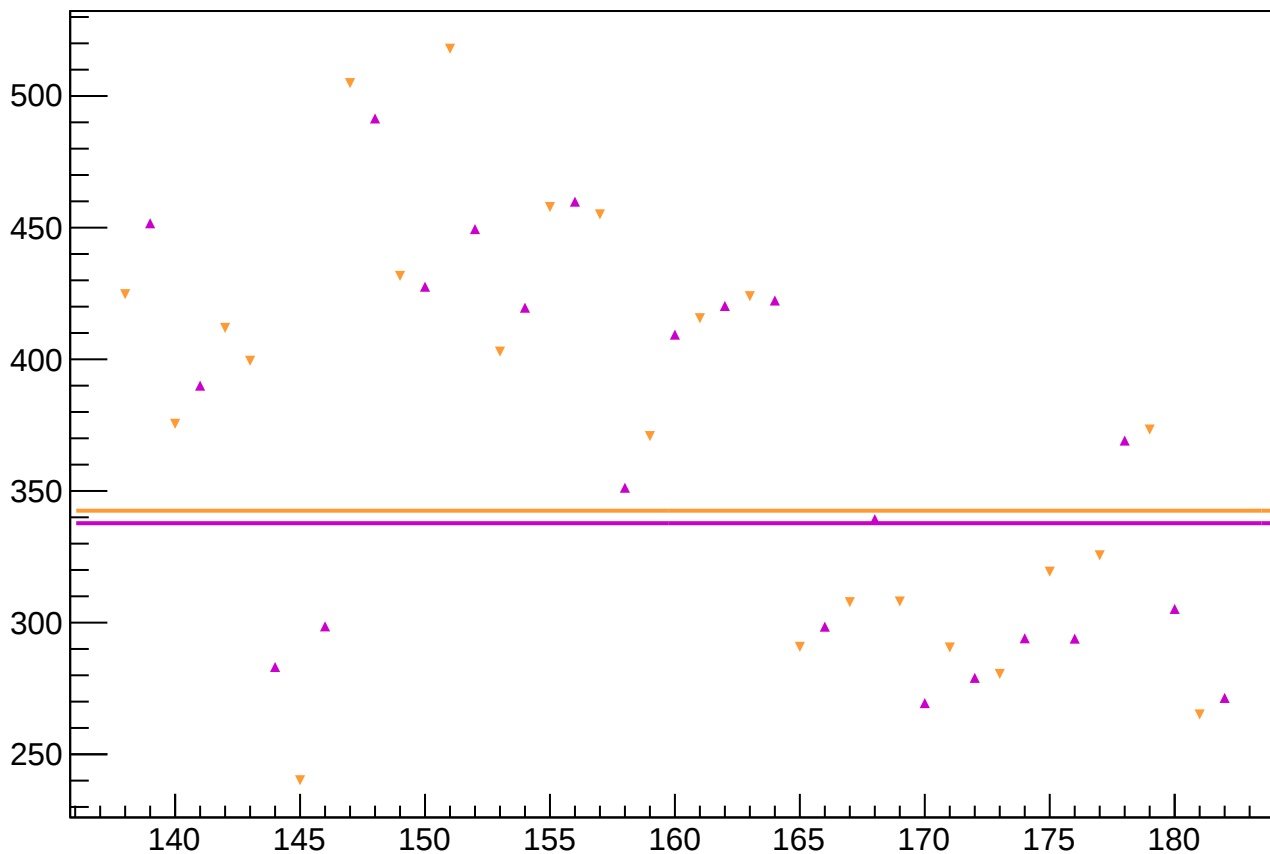
Left In: 70.549+/-83.332 χ^2/NDF : 31.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.201+/-59.200 χ^2/NDF : 63.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 342.517+/-0.059 χ^2/NDF :1510458.2/22

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

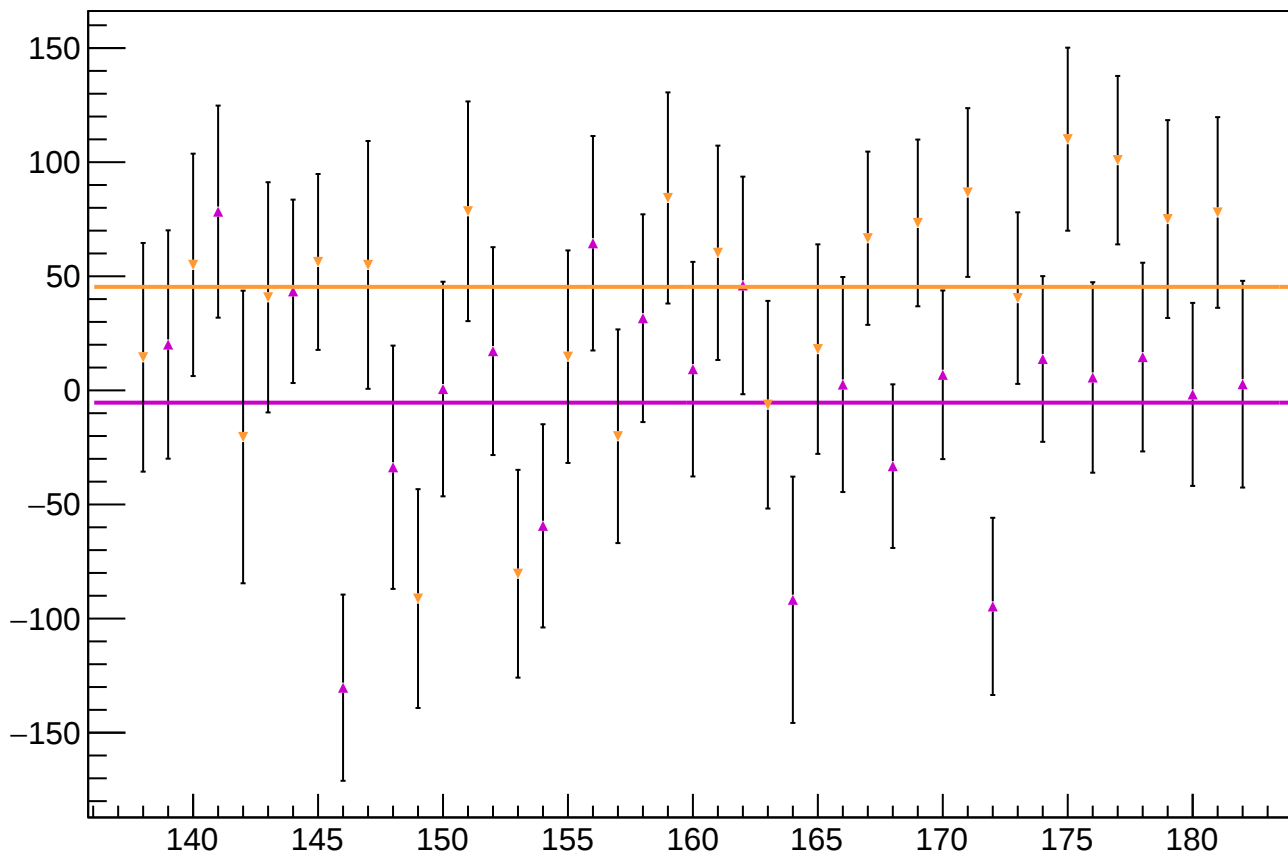
Left In: 337.767+/-0.059 χ^2/NDF :1248079.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.120+/-0.042 χ^2/NDF : 2761756.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 45.359 $\pm$ 9.146 χ^2 /NDF:30.8/22

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

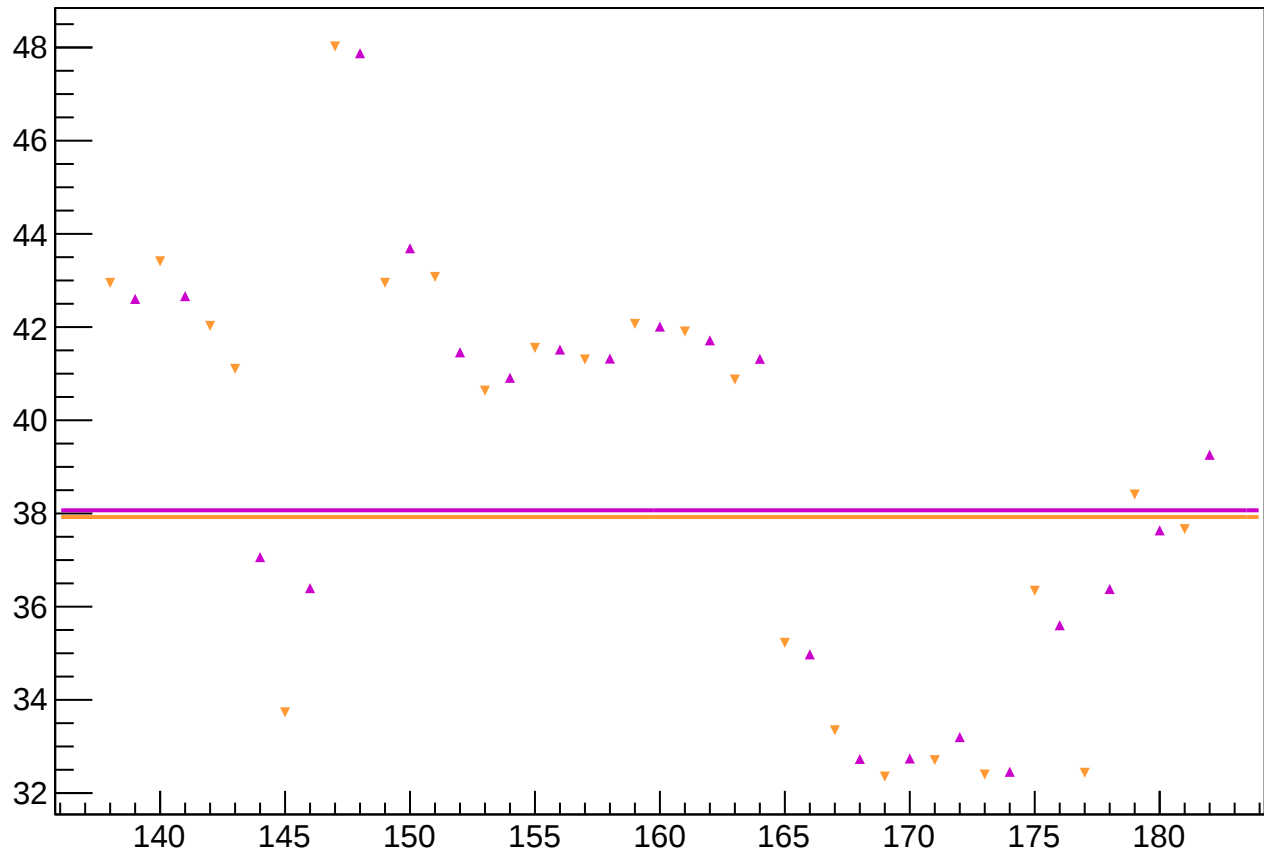
Left In: -5.381 $\pm$ 9.247 χ^2 /NDF:29.7/21

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

All: 20.269 $\pm$ 6.502 χ^2 /NDF: 75.7/44

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

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 37.924+/-0.006 χ^2/NDF : 480999.4/22

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

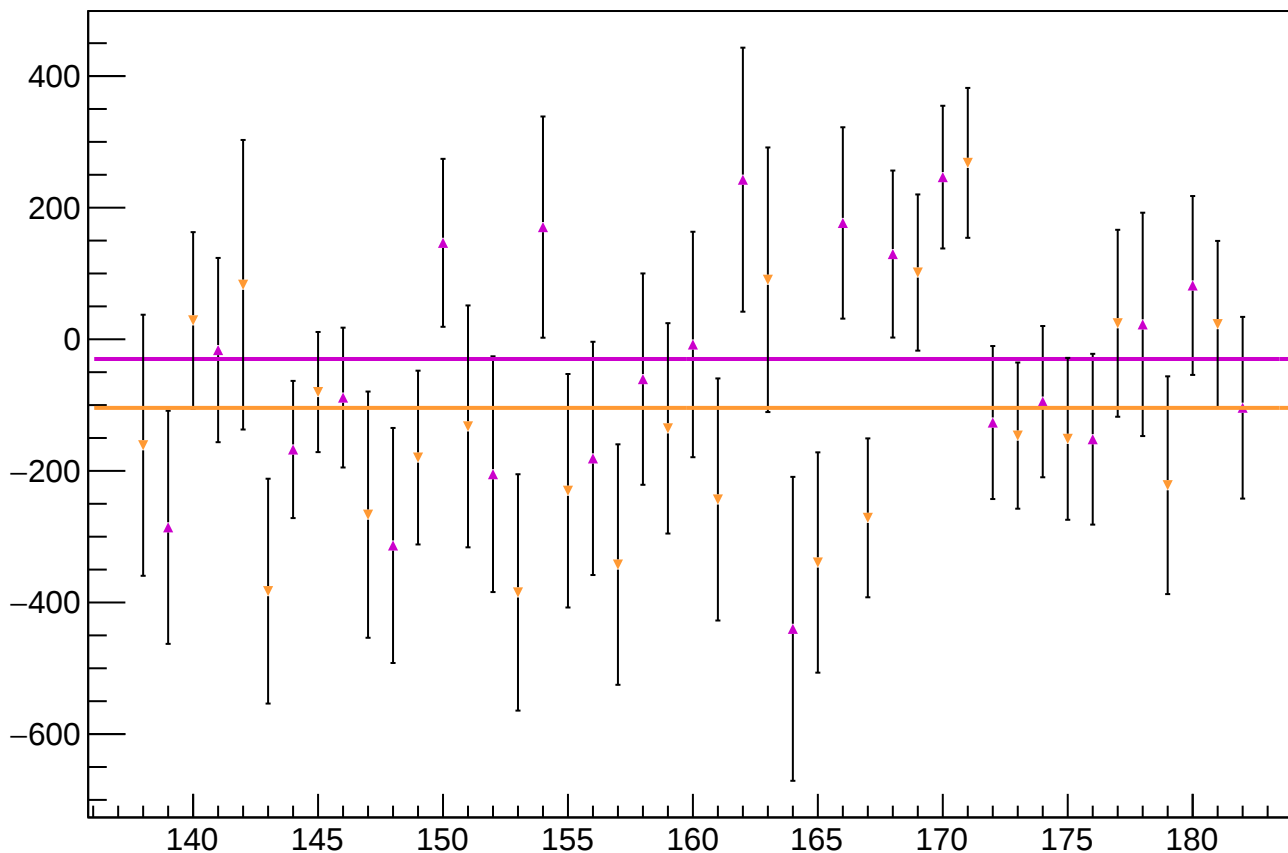
Left In: 38.068+/-0.007 χ^2/NDF : 395771.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.995+/-0.005 χ^2/NDF : 877017.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -104.261+/-30.075 χ^2/NDF : 32.0/22

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

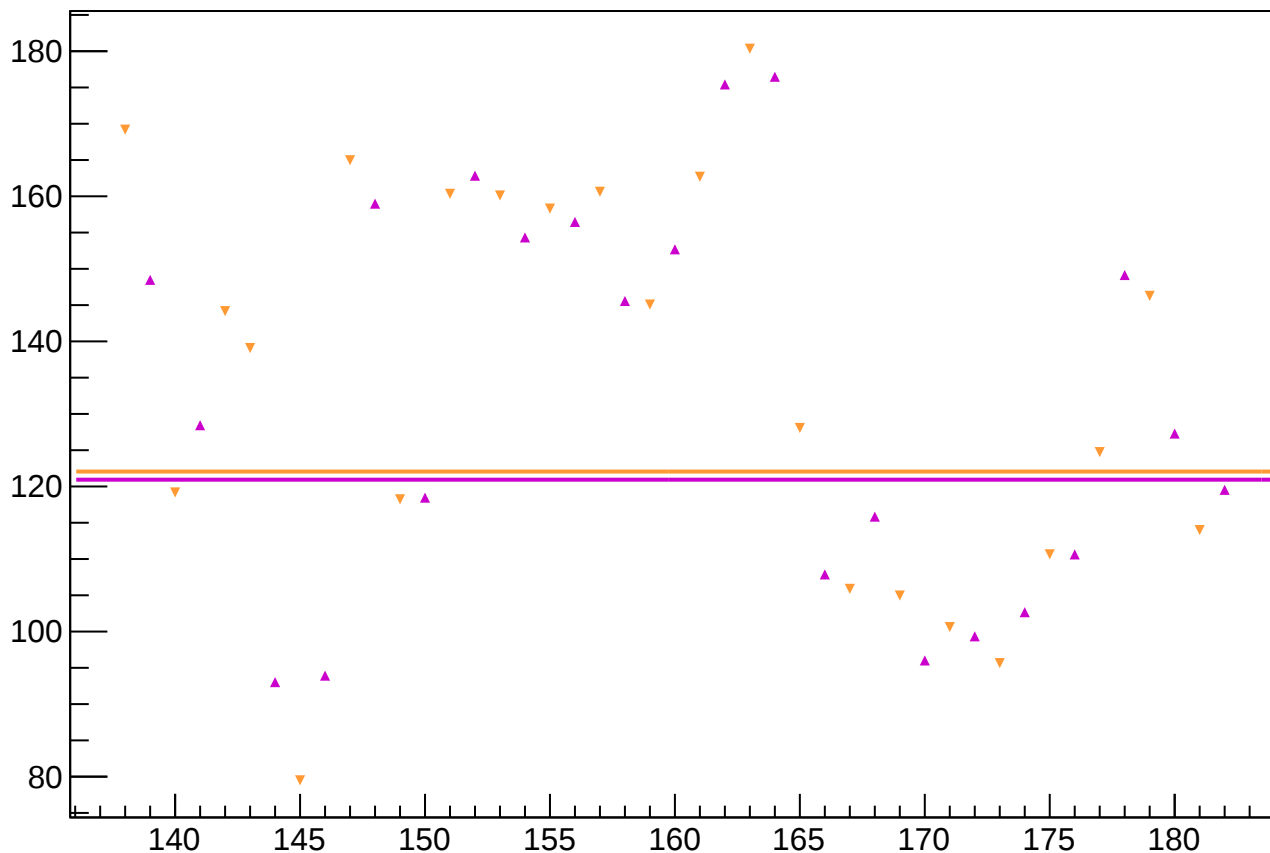
Left In: -29.957+/-29.936 χ^2/NDF : 29.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.937+/-21.217 χ^2/NDF : 64.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 122.057+/-0.021 χ^2/NDF :1684395.7/22

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

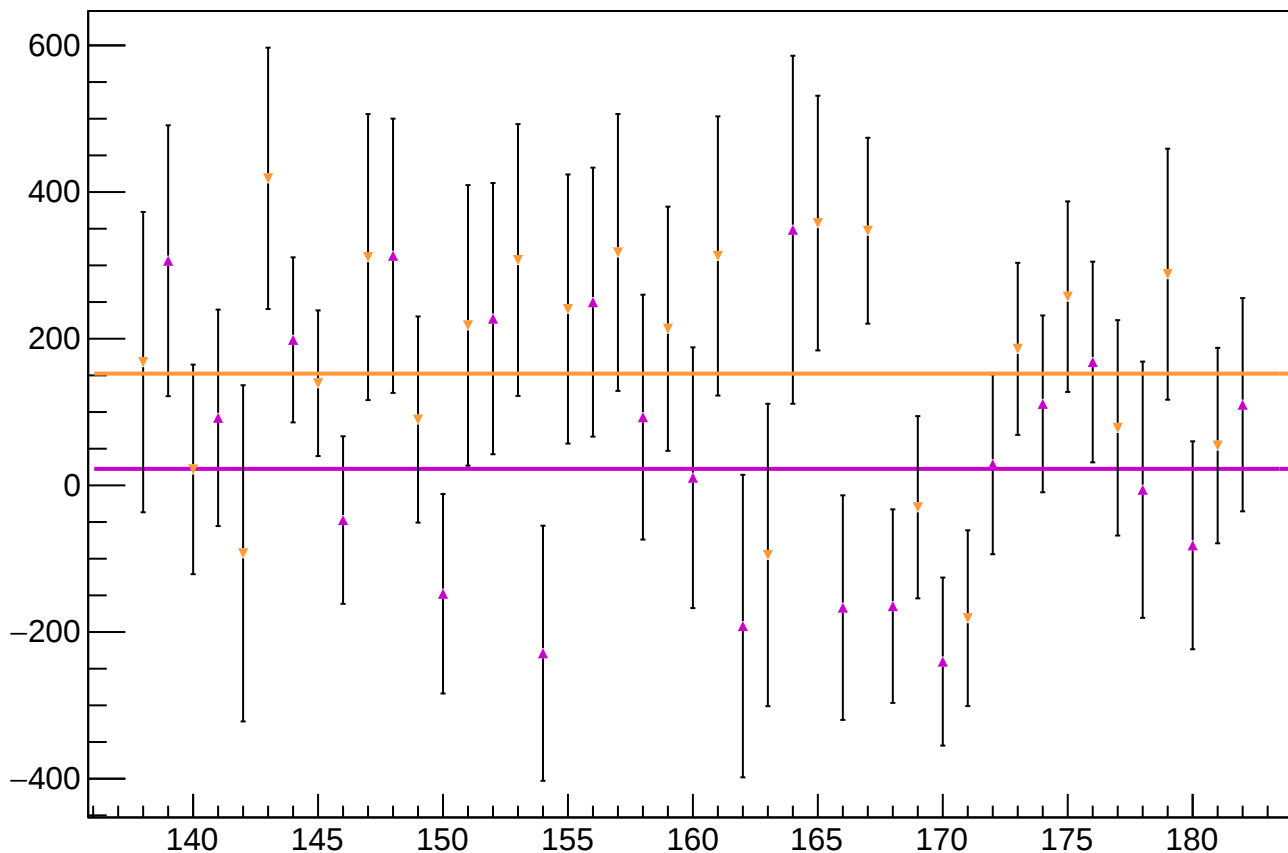
Left In: 120.935+/-0.021 χ^2/NDF :1382853.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.493+/-0.015 χ^2/NDF : 3068648.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 152.424 $\pm$ 31.599 χ^2 /NDF: 25.0/22

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

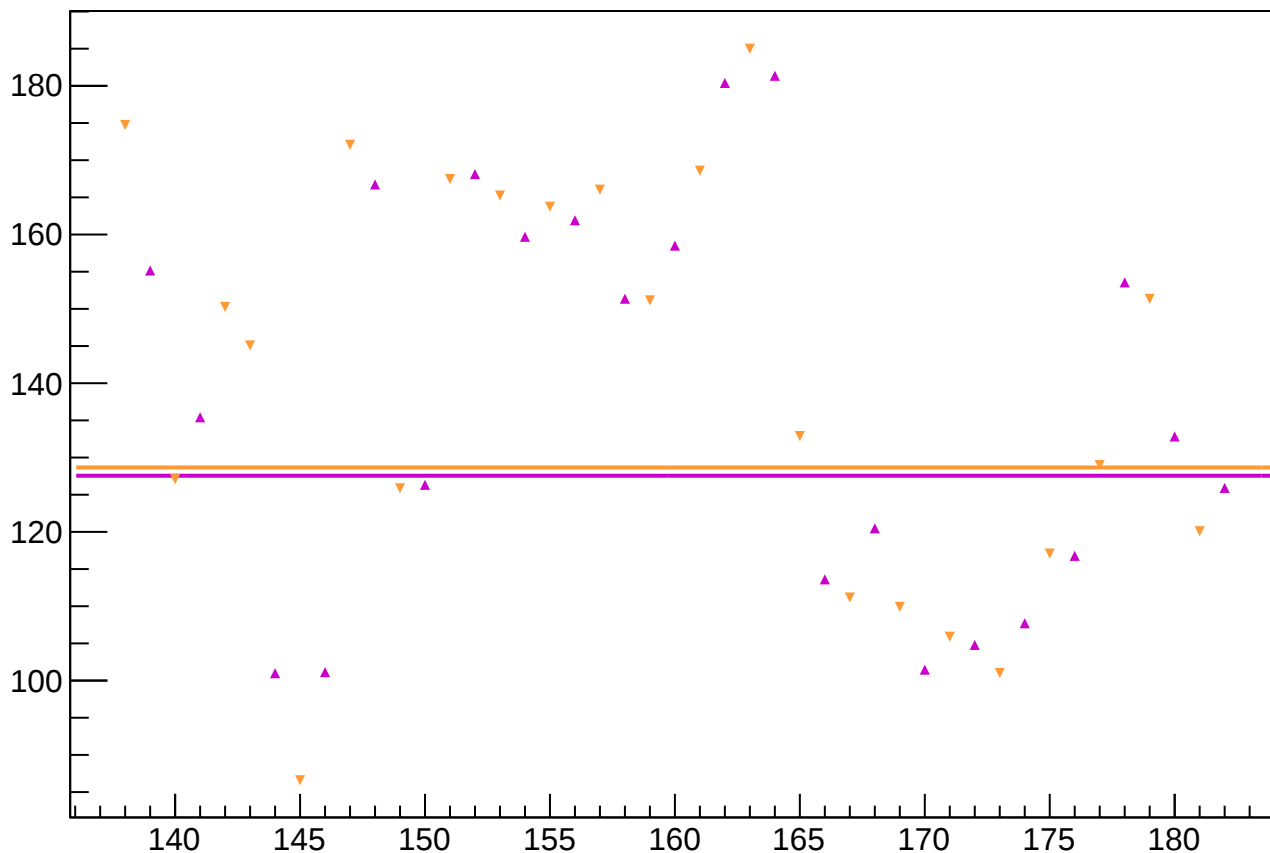
Left In: 22.499 $\pm$ 31.482 χ^2 /NDF: 28.8/21

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

All: 87.222 $\pm$ 22.302 χ^2 /NDF: 62.3/44

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

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 128.663+/-0.022 χ^2/NDF : 1507474.9/22

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

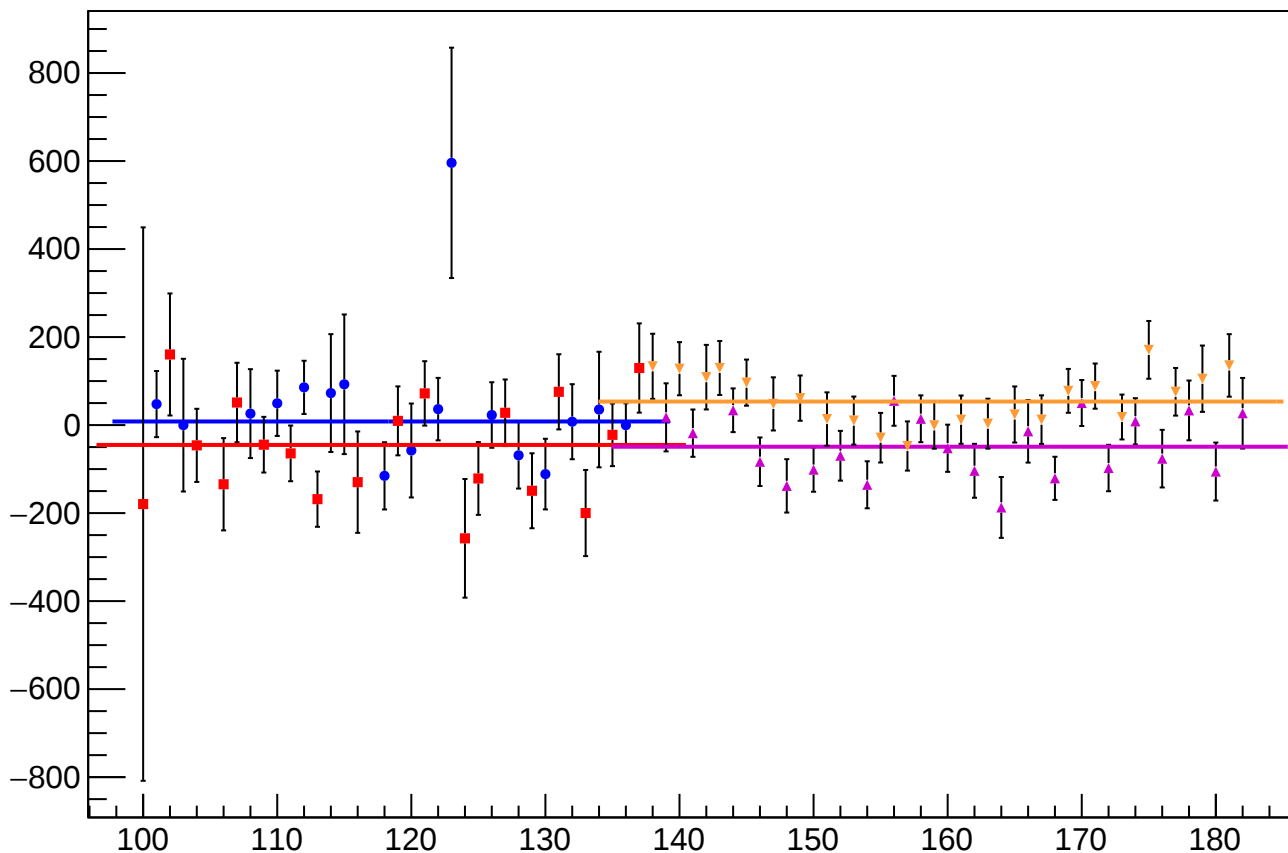
Left In: 127.557+/-0.022 χ^2/NDF : 1235686.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.108+/-0.016 χ^2/NDF : 2744392.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 8.177 ± 20.186 χ^2/NDF : 14.3/16

Left Out: 53.457 ± 12.079 χ^2/NDF : 21.5/22

Right Out: -45.139 ± 19.459 χ^2/NDF : 25.0/18

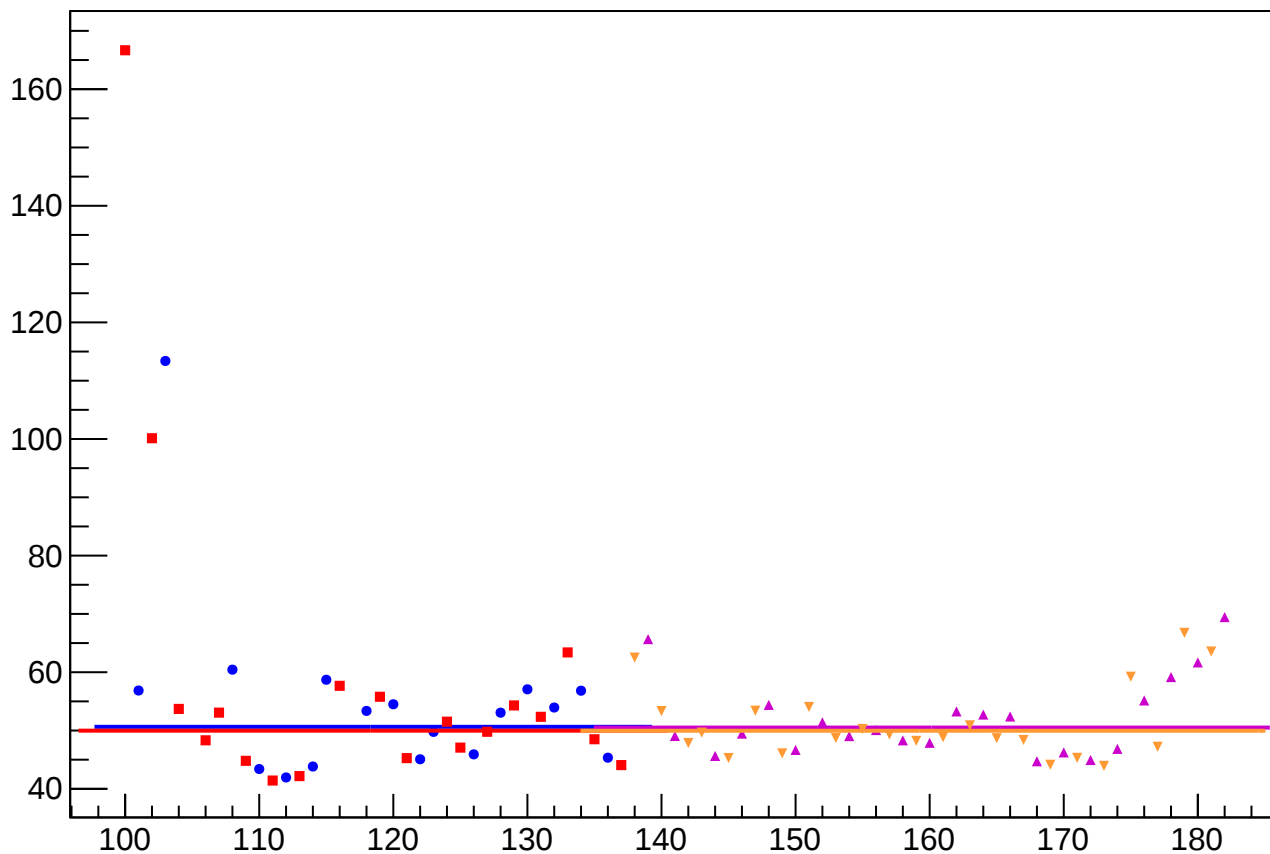
Left In: -49.181 ± 12.305 χ^2/NDF : 31.1/21

+ sign 41.518 ± 10.365 χ^2/NDF : 39.5/39

All: -3.102 ± 7.342 χ^2/NDF : 132.9/80

- sign -48.027 ± 10.400 χ^2/NDF : 56.1/40

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.637 $\pm$ 0.014 χ^2 /NDF: 520284.7/16

Left Out: 49.964 $\pm$ 0.009 χ^2 /NDF: 404846.8/22

Right Out: 49.978 $\pm$ 0.014 χ^2 /NDF: 500945.1/18

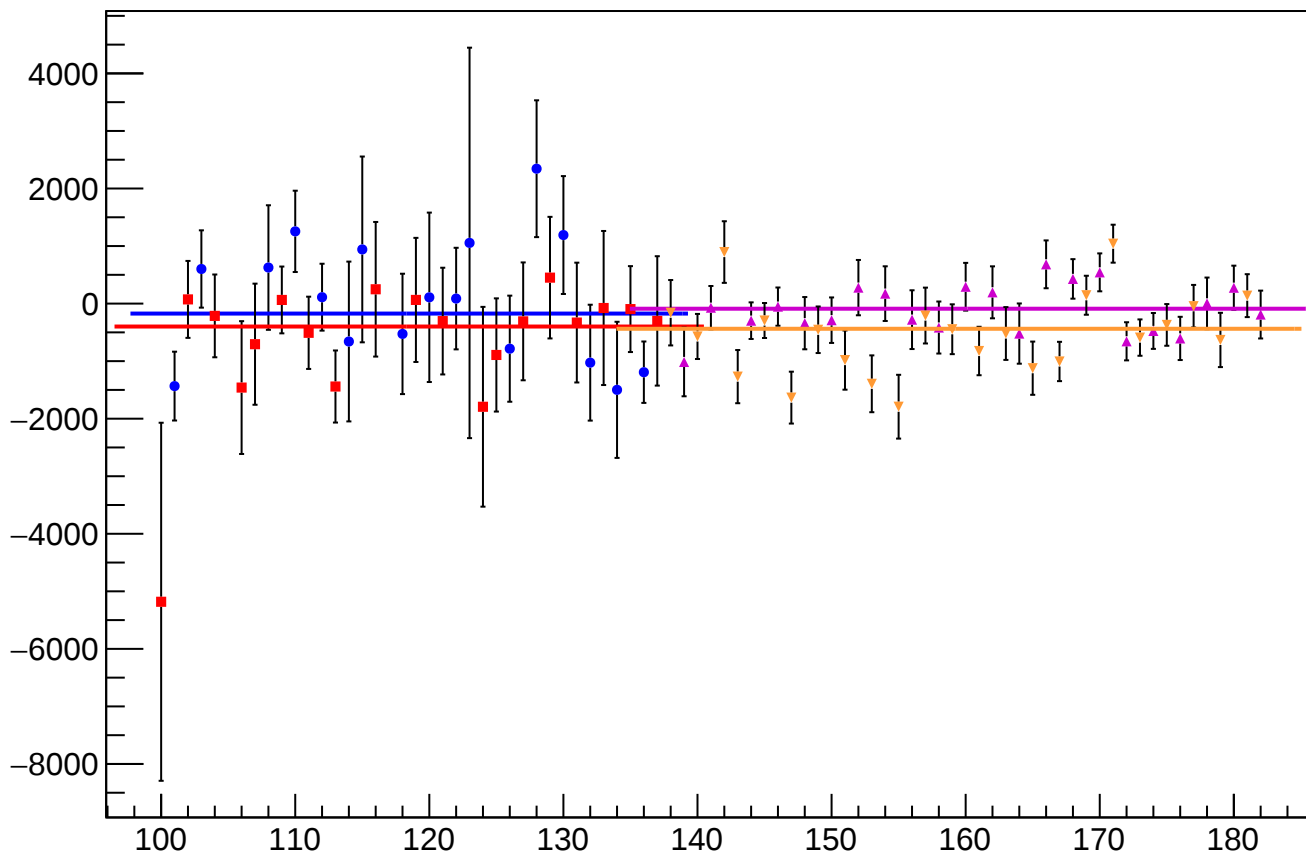
Left In: 50.507 $\pm$ 0.009 χ^2 /NDF: 420671.4/21

+ sign 50.142 $\pm$ 0.007 χ^2 /NDF: 926770.8/39

All: 50.248 $\pm$ 0.005 χ^2 /NDF: 1849871.6/80

- sign 50.356 $\pm$ 0.007 χ^2 /NDF: 922674.5/40

asym_sam_1357_avg_correction_mean vs Slug



Right In: -173.371 ± 210.671 χ^2/NDF : 23.9/16

Left Out: -437.583 ± 84.955 χ^2/NDF : 61.0/22

Right Out: -398.617 ± 204.042 χ^2/NDF : 9.6/18

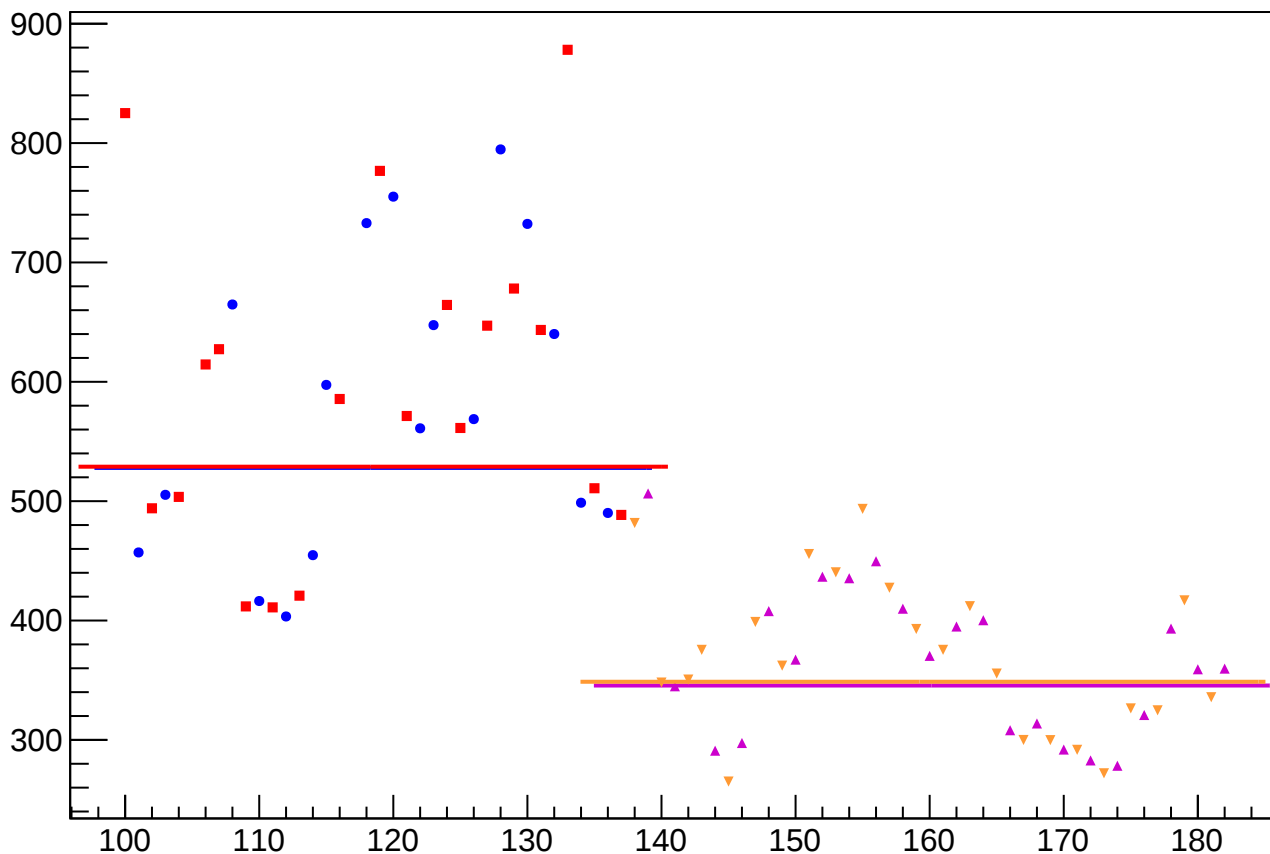
Left In: -89.078 ± 84.688 χ^2/NDF : 23.6/21

+ sign -400.627 ± 78.790 χ^2/NDF : 86.3/39

All: -266.629 ± 55.510 χ^2/NDF : 127.2/80

- sign -134.566 ± 78.218 χ^2/NDF : 35.2/40

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.871+/-0.149 χ^2/NDF : 563444.4/16

Left Out: 348.707+/-0.060 χ^2/NDF : 1027229.5/22

Right Out: 528.886+/-0.144 χ^2/NDF : 625551.4/18

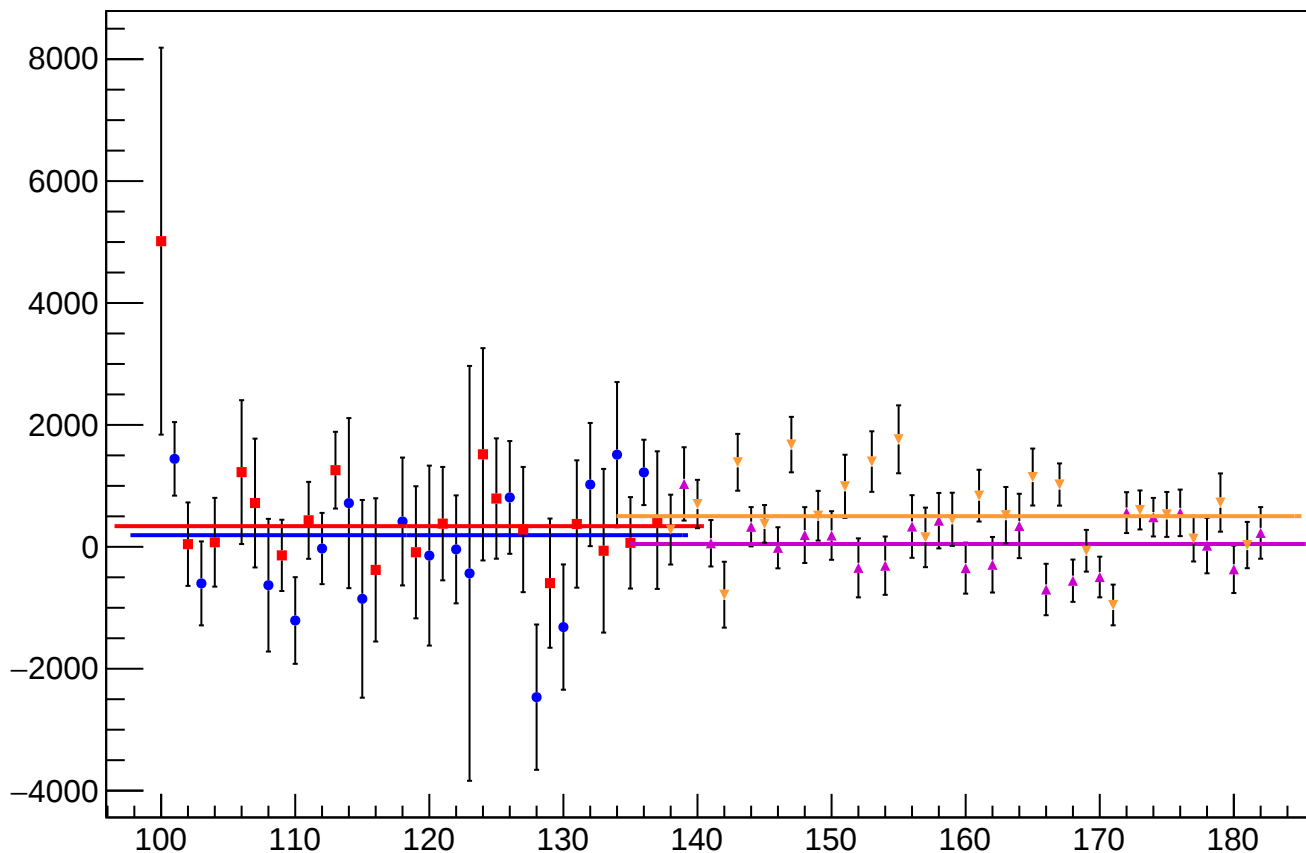
Left In: 345.554+/-0.060 χ^2/NDF : 897768.5/21

+ sign 373.767+/-0.056 χ^2/NDF : 2834854.0/39

All: 373.127+/-0.039 χ^2/NDF : 5735780.9/80

- sign 372.495+/-0.055 χ^2/NDF : 2900664.5/40

asym_sam_1357_avg_mean vs Slug



Right In: 190.958 $\pm$ 212.155 χ^2 /NDF: 24.1/16

Left Out: 503.008 $\pm$ 85.914 χ^2 /NDF:55.7/22

Right Out: 339.084 $\pm$ 205.618 χ^2 /NDF: 8.2/18

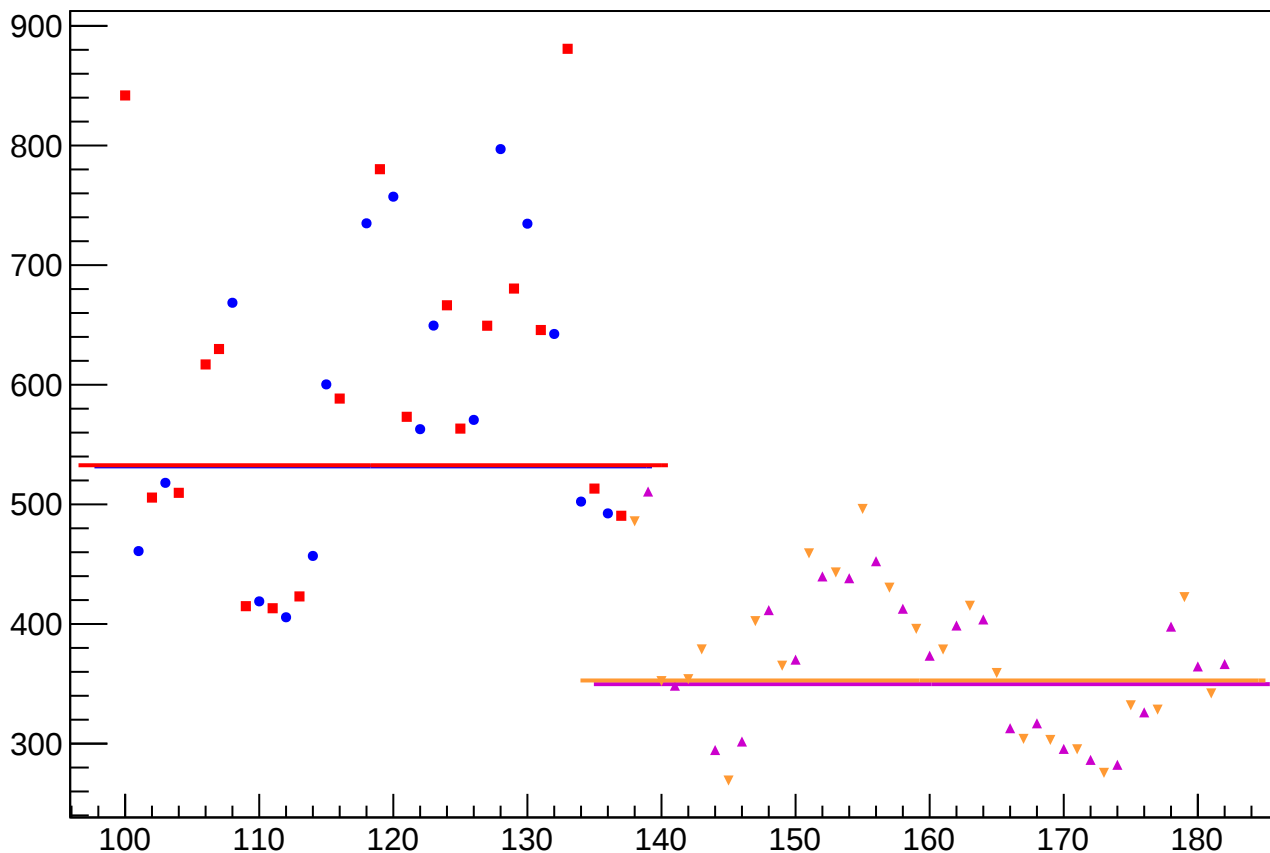
Left In: 46.489 $\pm$ 85.678 χ^2 /NDF:23.9/21

+ sign 459.044 $\pm$ 79.632 χ^2 /NDF: 81.7/39

All: 273.143 $\pm$ 56.115 χ^2 /NDF: 126.4/80

- sign 89.776 $\pm$ 79.087 χ^2 /NDF: 33.8/40

asym_sam_1357_avg_rms vs Slug



Right In: 531.765 $\pm$ 0.150 χ^2 /NDF: 555969.6/16

Left Out: 352.792 $\pm$ 0.061 χ^2 /NDF:1000363.8/22

Right Out: 532.709 $\pm$ 0.145 χ^2 /NDF: 617915.9/18

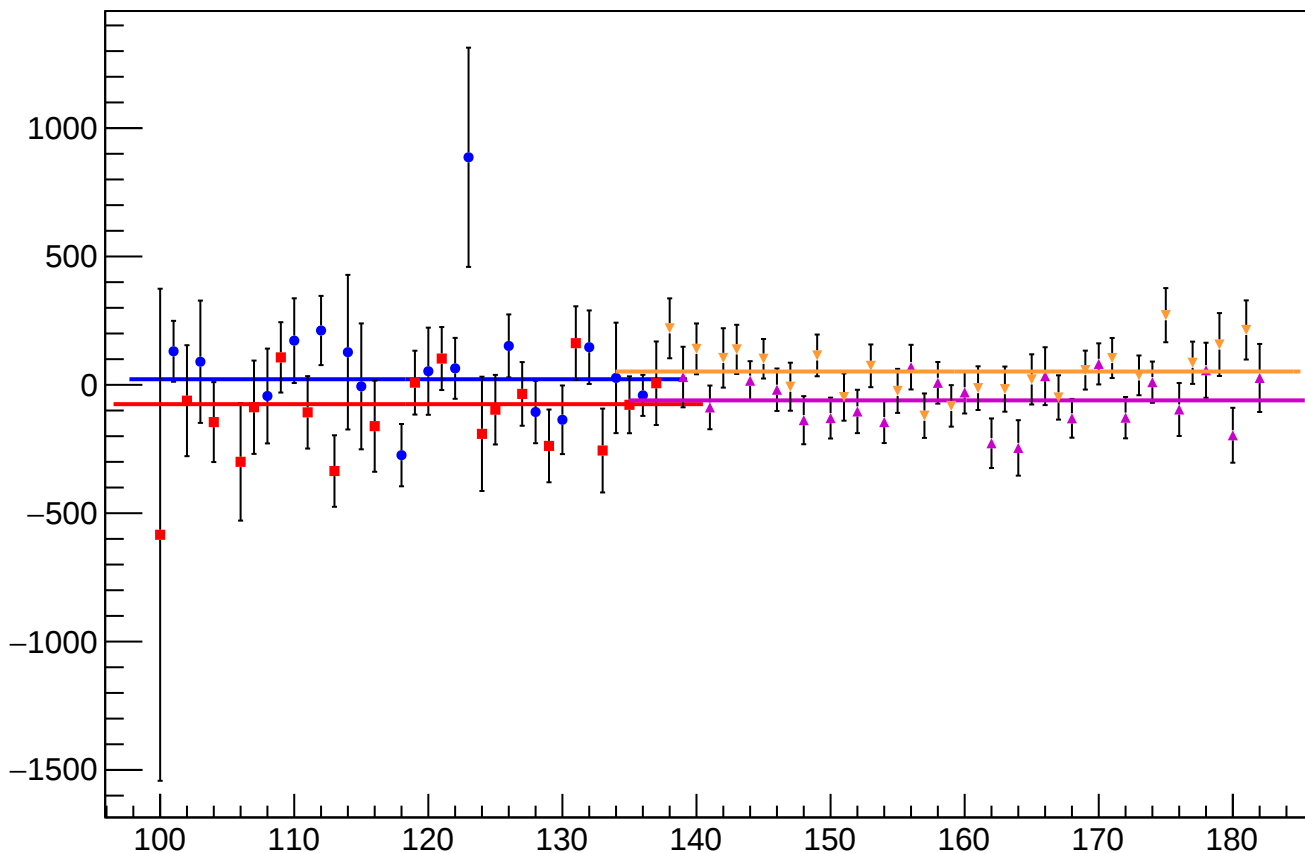
Left In: 349.726 $\pm$ 0.061 χ^2 /NDF:874792.6/21

+ sign 378.007 $\pm$ 0.056 χ^2 /NDF: 2779113.2/39

All: 377.398 $\pm$ 0.040 χ^2 /NDF: 5621624.8/80

- sign 376.797 $\pm$ 0.056 χ^2 /NDF: 2842279.1/40

reg_asym_sam_2468_avg_mean vs Slug



Right In: 21.833 $\pm$ 34.638 χ^2 /NDF: 19.2/16

Left Out: 51.955 $\pm$ 18.665 χ^2 /NDF: 24.4/22

Right Out: -75.207 $\pm$ 34.800 χ^2 /NDF: 15.5/18

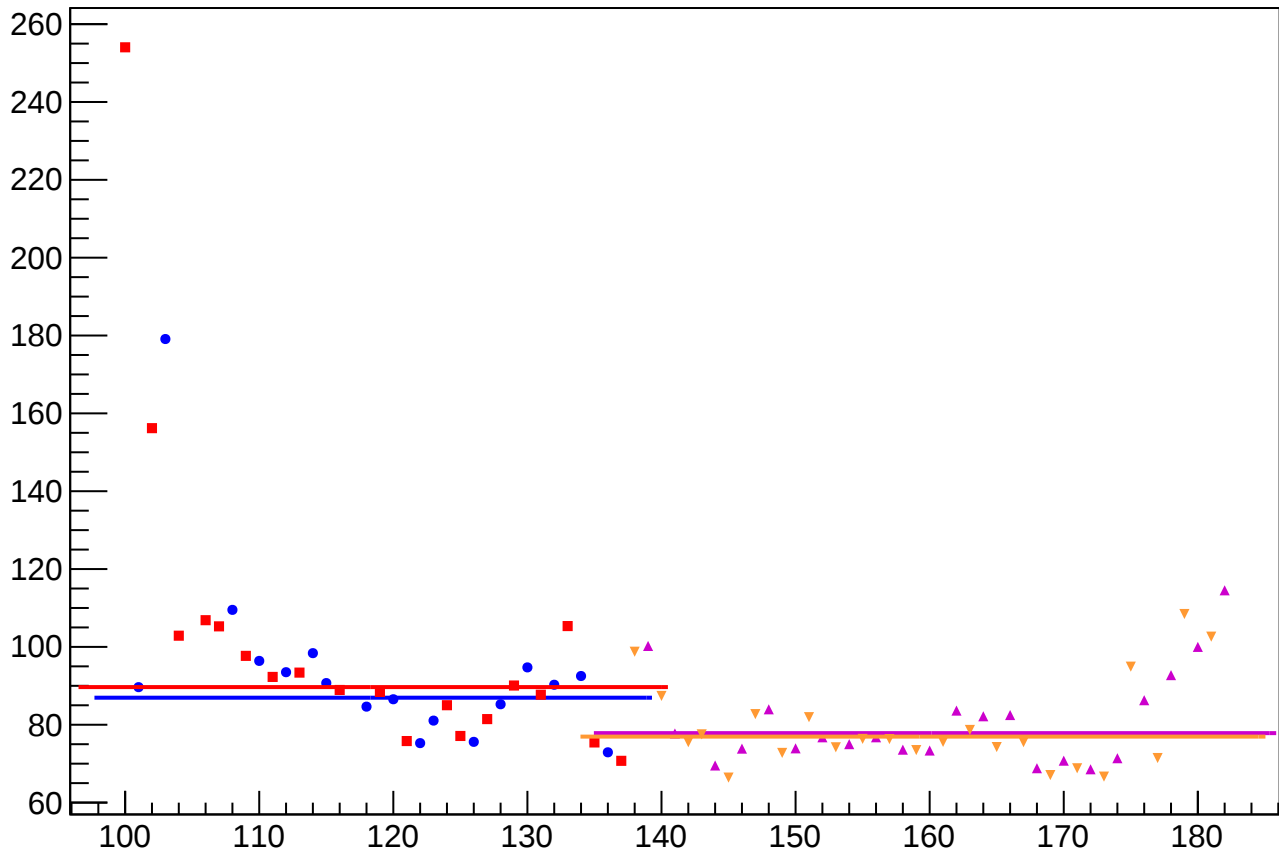
Left In: -60.473 $\pm$ 19.028 χ^2 /NDF: 23.3/21

+ sign 45.177 $\pm$ 16.431 χ^2 /NDF: 44.2/39

All: -8.473 $\pm$ 11.711 χ^2 /NDF: 104.7/80

- sign -63.864 $\pm$ 16.696 χ^2 /NDF: 38.9/40

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.949 $\pm$ 0.024 χ^2 /NDF: 453620.2/16

Left Out: 76.951 $\pm$ 0.013 χ^2 /NDF: 547950.9/22

Right Out: 89.674 $\pm$ 0.025 χ^2 /NDF: 429254.7/18

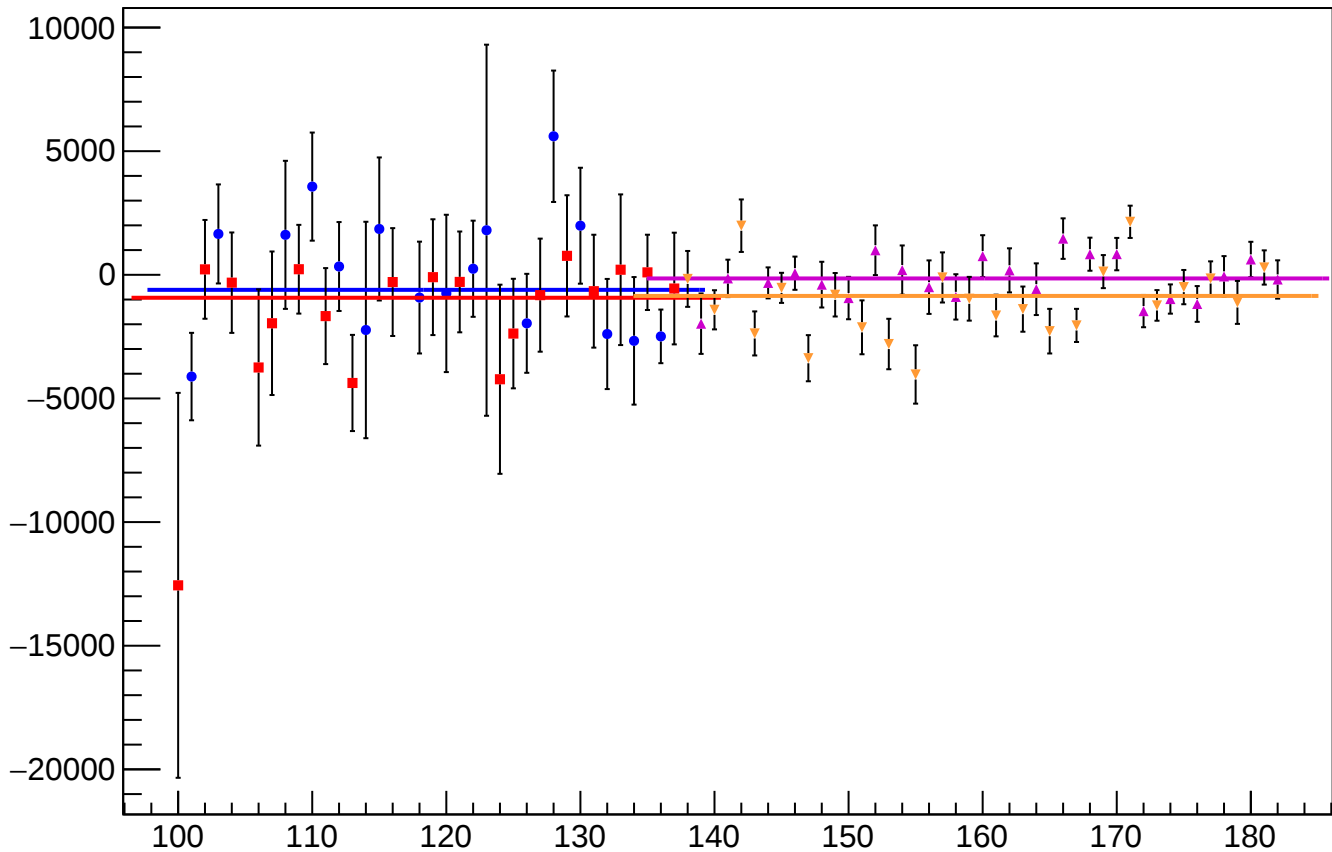
Left In: 77.844 $\pm$ 0.013 χ^2 /NDF: 517314.9/21

+ sign 79.201 $\pm$ 0.012 χ^2 /NDF: 1130697.4/39

All: 79.873 $\pm$ 0.008 χ^2 /NDF: 2261993.6/80

- sign 80.567 $\pm$ 0.012 χ^2 /NDF: 1124499.9/40

asym_sam_2468_avg_correction_mean vs Slug



Right In: -607.702 $\pm$ 518.220 χ^2/NDF : 22.3/16

Left Out: -853.796 $\pm$ 168.378 χ^2/NDF : 66.0/22

Right Out: -927.943 $\pm$ 515.777 χ^2/NDF : 9.9/18

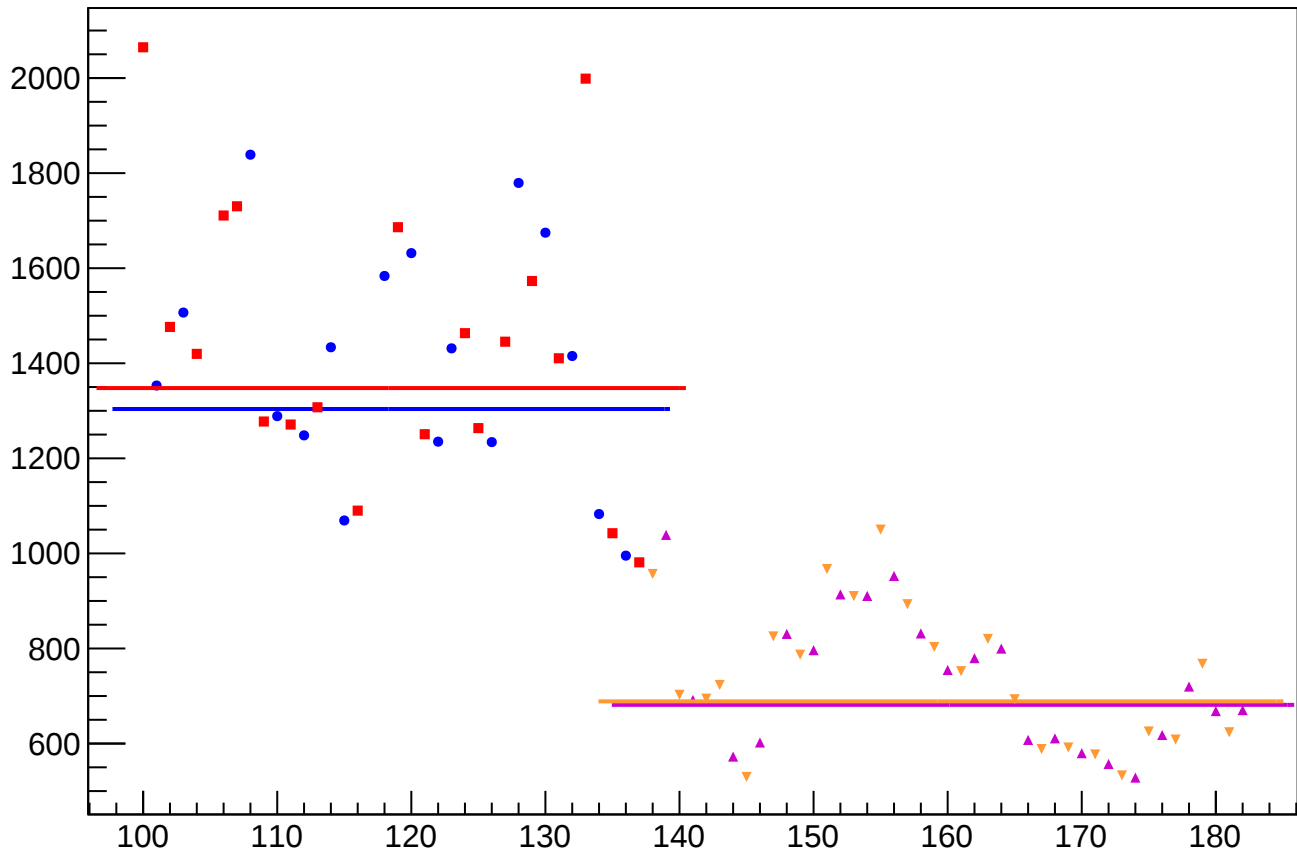
Left In: -147.300 $\pm$ 167.548 χ^2/NDF : 24.5/21

+ sign -830.296 $\pm$ 160.137 χ^2/NDF : 88.5/39

All: -524.557 $\pm$ 112.955 χ^2/NDF : 132.2/80

- sign -221.814 $\pm$ 159.351 χ^2/NDF : 36.5/40

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.810 $\pm$ 0.366 χ^2 /NDF: 456027.3/16

Left Out: 688.754 $\pm$ 0.119 χ^2 /NDF:1249995.7/22

Right Out: 1347.826 $\pm$ 0.365 χ^2 /NDF: 421434.3/18

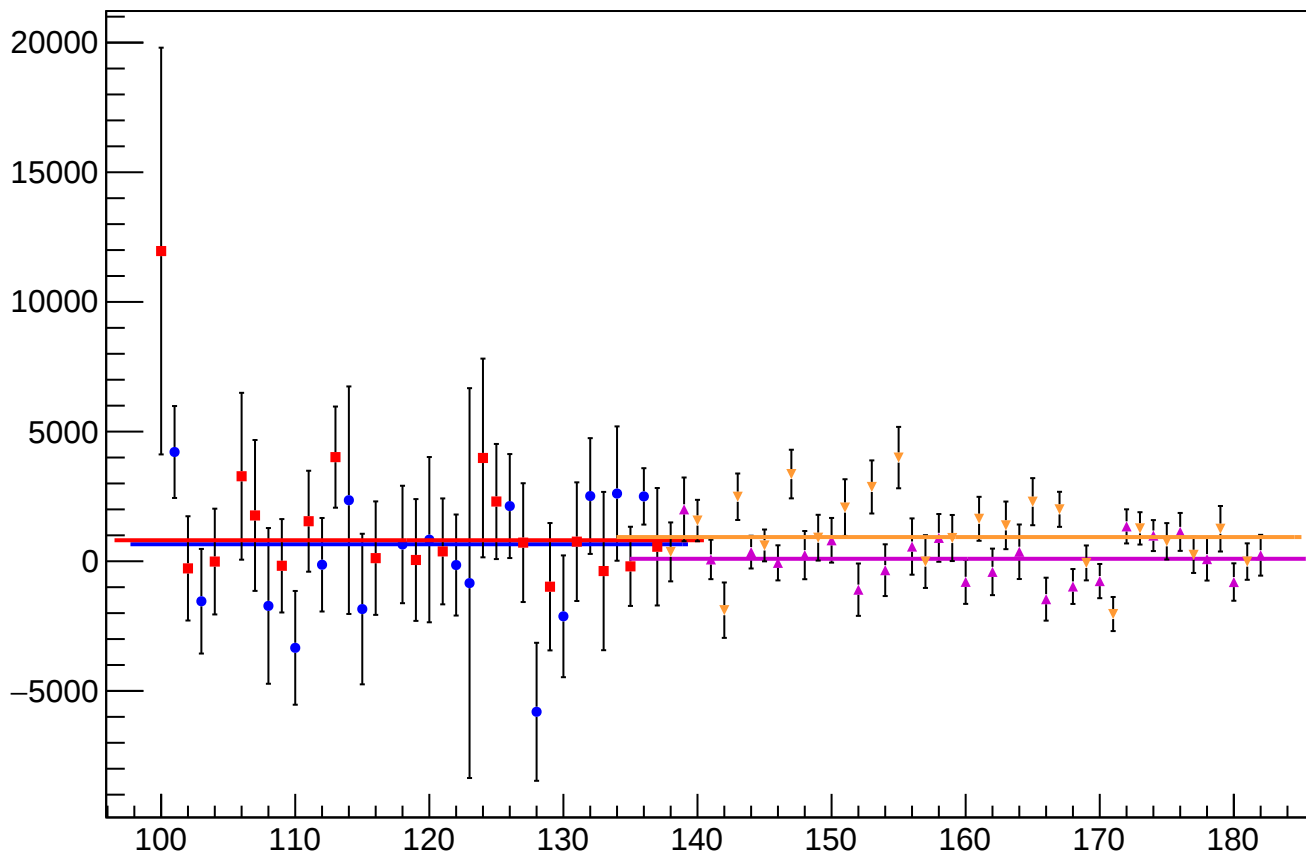
Left In: 681.419 $\pm$ 0.118 χ^2 /NDF:1119256.3/21

+ sign 747.485 $\pm$ 0.113 χ^2 /NDF: 4254292.3/39

All: 746.251 $\pm$ 0.080 χ^2 /NDF: 8815291.4/80

- sign 745.029 $\pm$ 0.113 χ^2 /NDF: 4560762.6/40

asym_sam_2468_avg_mean vs Slug



Right In: 655.779 ± 519.695 χ^2/NDF : 22.4/16

Left Out: 932.677 ± 169.607 χ^2/NDF : 61.6/22

Right Out: 810.322 ± 517.488 χ^2/NDF : 8.8/18

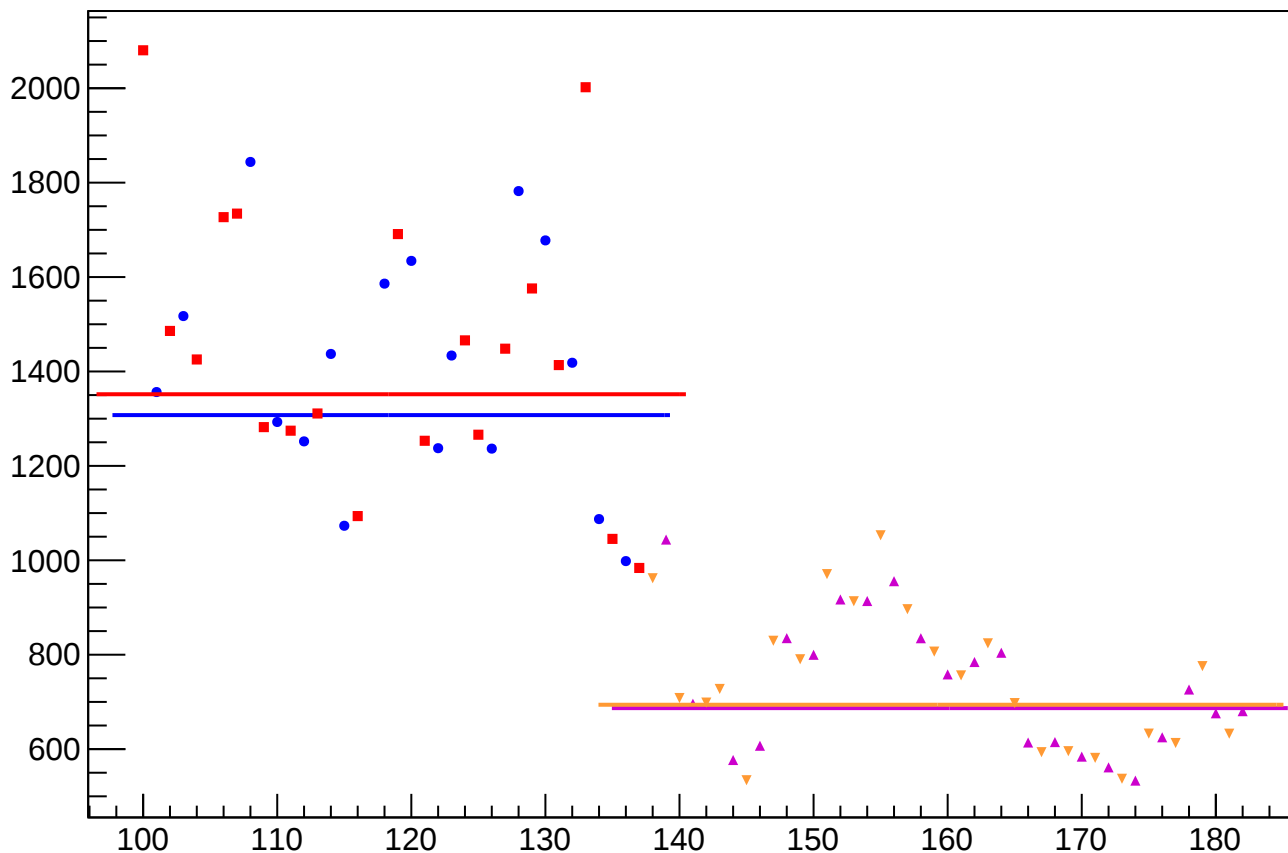
Left In: 95.044 ± 168.832 χ^2/NDF : 24.6/21

+ sign 906.023 ± 161.238 χ^2/NDF : 84.3/39

All: 533.250 ± 113.753 χ^2/NDF : 130.0/80

- sign 163.854 ± 160.505 χ^2/NDF : 35.1/40

asym_sam_2468_avg_rms vs Slug



Right In: 1307.585 +/- 0.367 χ^2/NDF : 455146.3/16

Left Out: 694.007 +/- 0.120 χ^2/NDF : 1228770.8/22

Right Out: 1351.755 +/- 0.366 χ^2/NDF : 422451.1/18

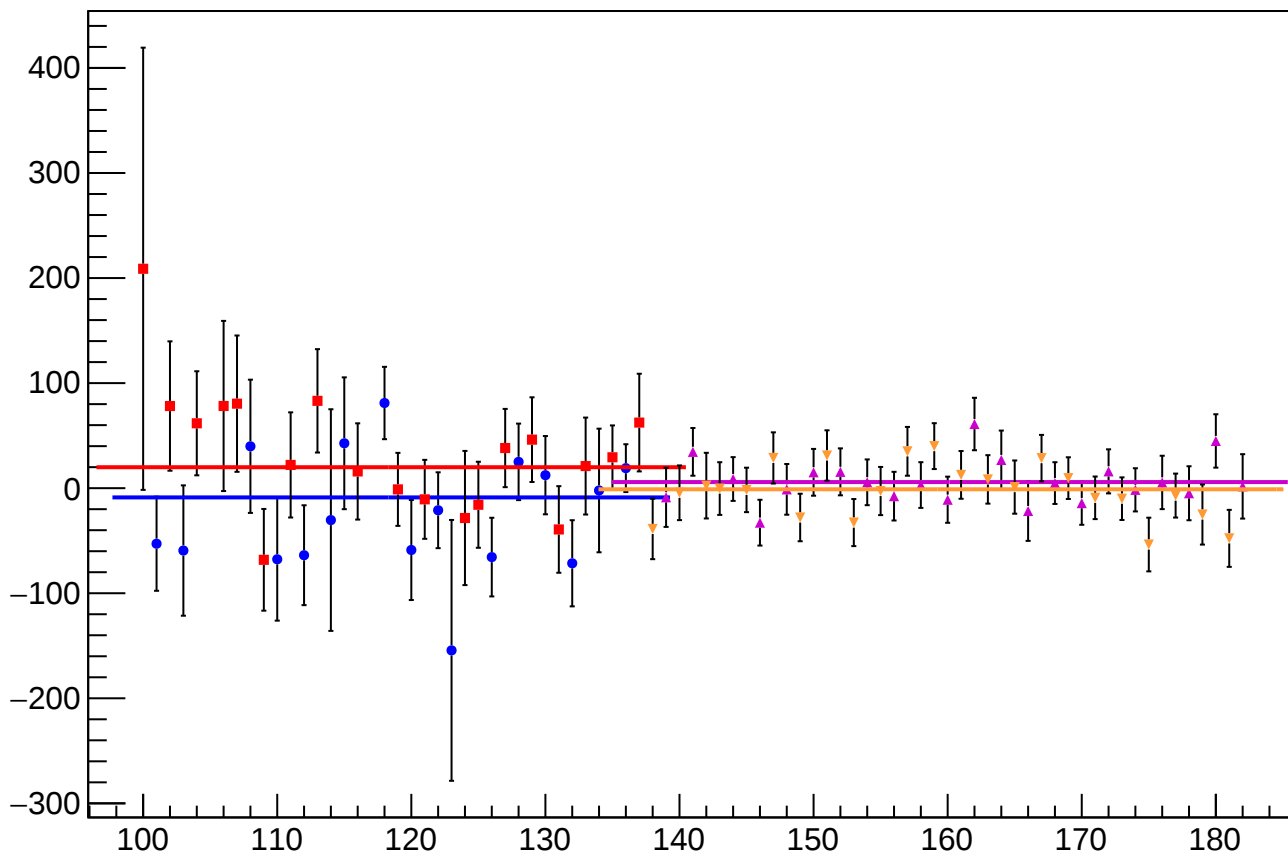
Left In: 686.854 +/- 0.119 χ^2/NDF : 1099125.3/21

+ sign 753.069 +/- 0.114 χ^2/NDF : 4203429.0/39

All: 751.938 +/- 0.080 χ^2/NDF : 8709324.1/80

- sign 750.818 +/- 0.113 χ^2/NDF : 4505699.4/40

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -8.789 ± 10.423 χ^2/NDF : 22.0/16

Left Out: -1.052 ± 4.881 χ^2/NDF : 25.4/22

Right Out: 19.948 ± 10.470 χ^2/NDF : 14.8/18

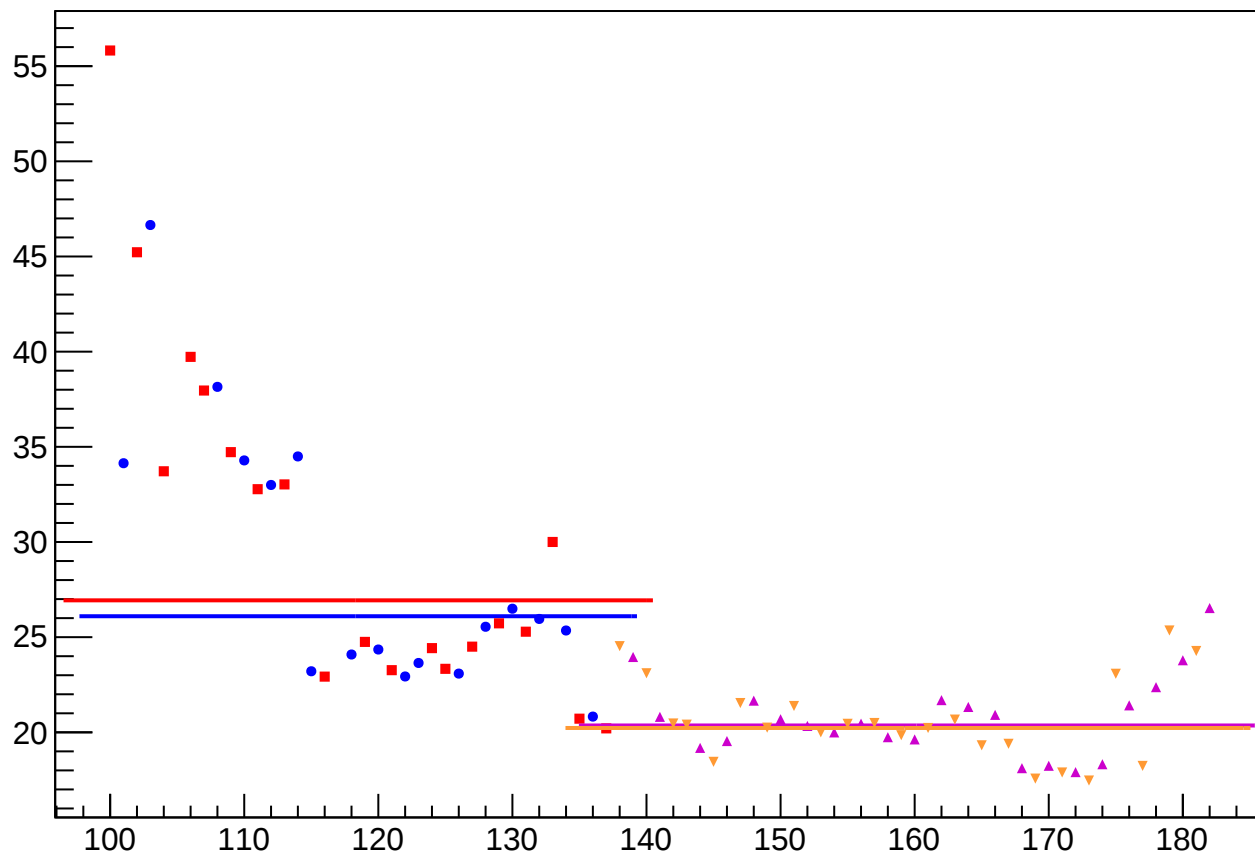
Left In: 5.810 ± 4.949 χ^2/NDF : 16.7/21

+ sign -2.444 ± 4.420 χ^2/NDF : 47.9/39

All: 2.908 ± 3.144 χ^2/NDF : 83.8/80

- sign 8.392 ± 4.474 χ^2/NDF : 33.0/40

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.100 $\pm$ 0.007 χ^2 /NDF: 601502.5/16

Left Out: 20.229 $\pm$ 0.003 χ^2 /NDF: 352325.3/22

Right Out: 26.935 $\pm$ 0.007 χ^2 /NDF: 677999.1/18

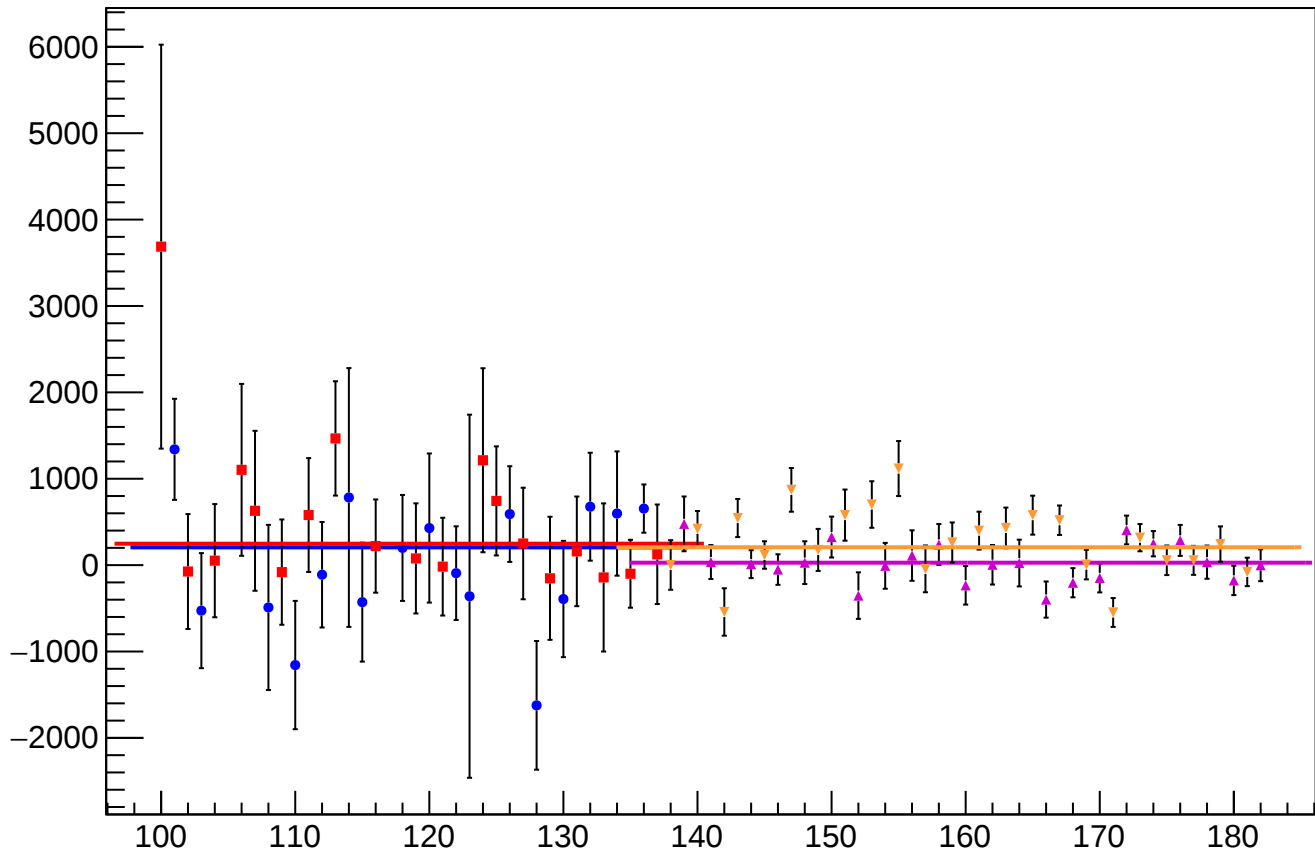
Left In: 20.360 $\pm$ 0.003 χ^2 /NDF: 288763.6/21

+ sign 21.285 $\pm$ 0.003 χ^2 /NDF: 1474272.9/39

All: 21.421 $\pm$ 0.002 χ^2 /NDF: 3089488.6/80

- sign 21.561 $\pm$ 0.003 χ^2 /NDF: 1611357.3/40

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 205.606 $\pm$ 148.196 χ^2 /NDF: 21.3/16

Left Out: 206.919 $\pm$ 42.936 χ^2 /NDF: 67.3/22

Right Out: 248.324 $\pm$ 150.188 χ^2 /NDF: 10.4/18

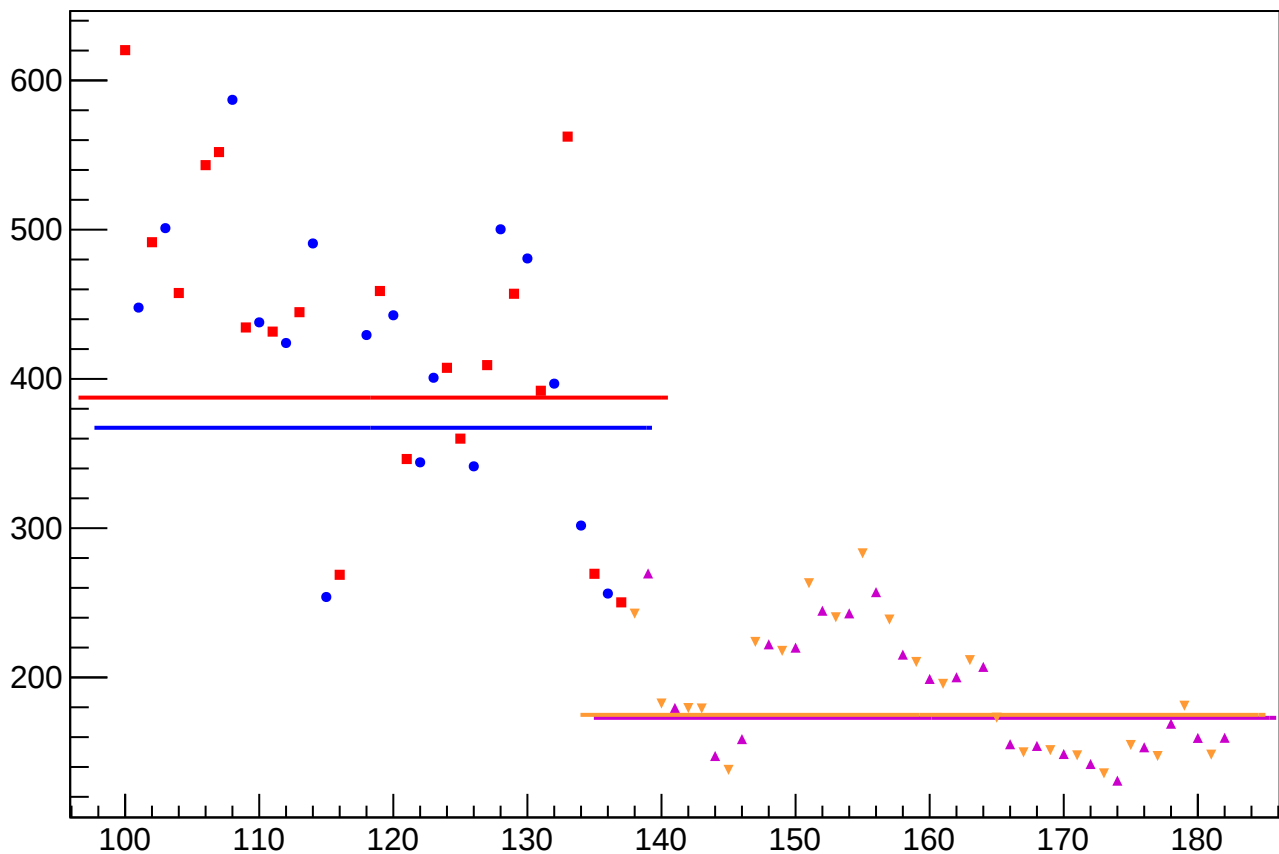
Left In: 28.146 $\pm$ 42.681 χ^2 /NDF: 26.2/21

+ sign 206.817 $\pm$ 41.240 χ^2 /NDF: 88.7/39

All: 125.344 $\pm$ 29.096 χ^2 /NDF: 135.1/80

- sign 44.599 $\pm$ 41.055 χ^2 /NDF: 38.6/40

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.272 $\pm$ 0.105 χ^2 /NDF: 829589.7/16

Left Out: 174.929 $\pm$ 0.030 χ^2 /NDF: 1504614.7/22

Right Out: 387.481 $\pm$ 0.106 χ^2 /NDF: 774967.1/18

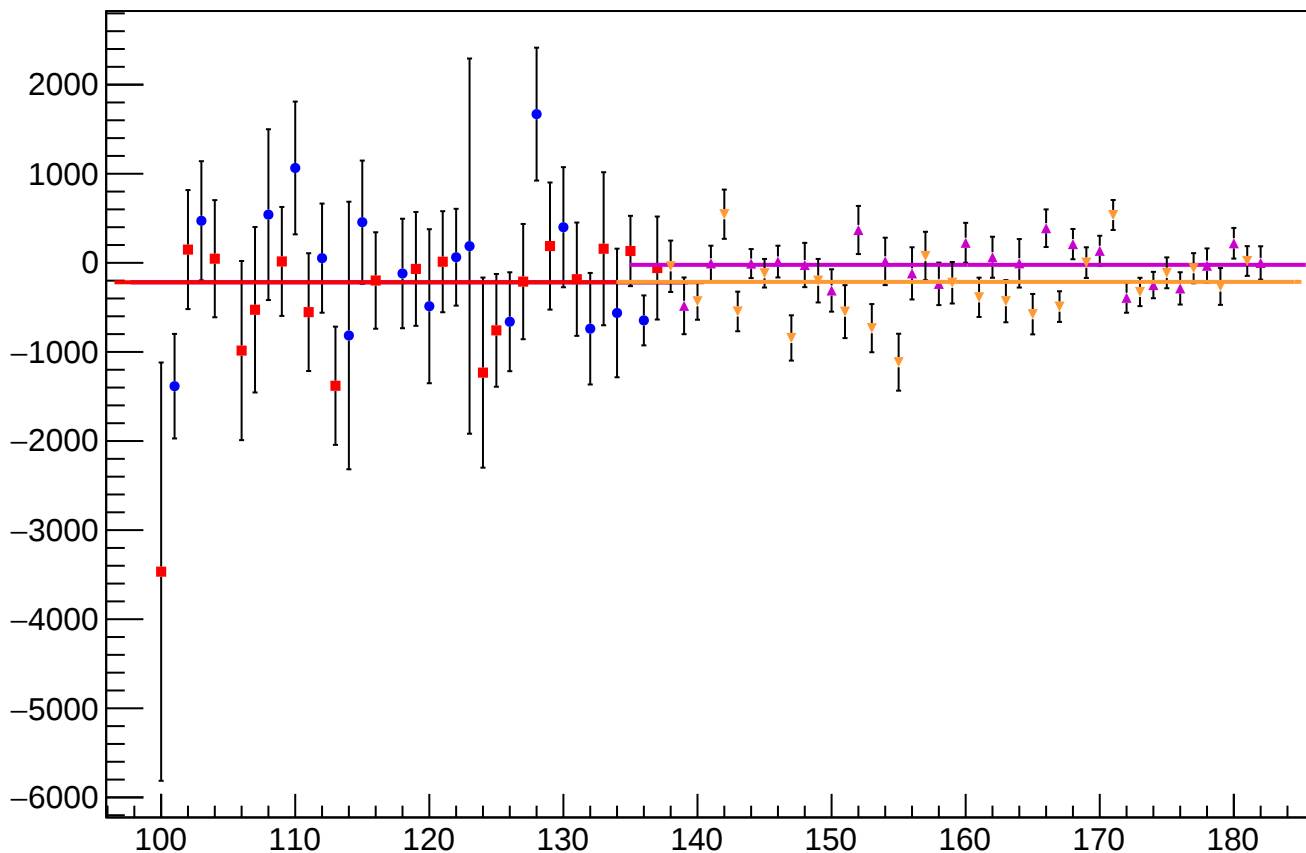
Left In: 172.929 $\pm$ 0.030 χ^2 /NDF: 1371517.8/21

+ sign 189.824 $\pm$ 0.029 χ^2 /NDF: 5442369.8/39

All: 189.391 $\pm$ 0.021 χ^2 /NDF: 11365816.7/80

- sign 188.961 $\pm$ 0.029 χ^2 /NDF: 5923006.8/40

asym_sam_1357_2468_dd_mean vs Slug



Right In: -218.471 ± 148.628 χ^2/NDF : 21.5/16

Left Out: -213.741 ± 43.262 χ^2/NDF : 63.6/22

Right Out: -217.922 ± 150.640 χ^2/NDF : 9.8/18

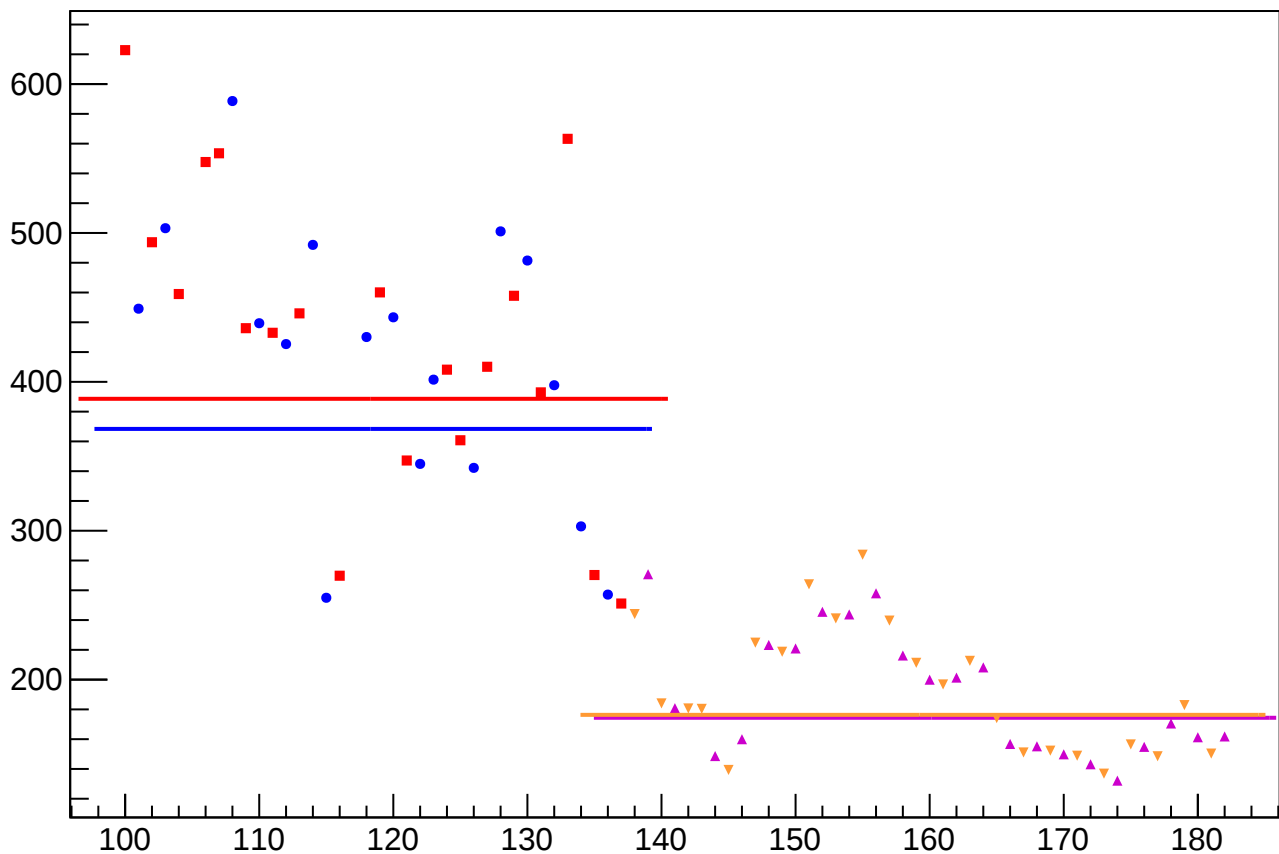
Left In: -22.485 ± 43.019 χ^2/NDF : 25.9/21

+ sign -214.110 ± 41.538 χ^2/NDF : 85.1/39

All: -125.296 ± 29.311 χ^2/NDF : 131.4/80

- sign -37.221 ± 41.365 χ^2/NDF : 37.2/40

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.392 $\pm$ 0.105 χ^2 /NDF: 826964.8/16

Left Out: 176.338 $\pm$ 0.031 χ^2 /NDF: 1476952.9/22

Right Out: 388.611 $\pm$ 0.107 χ^2 /NDF: 775115.8/18

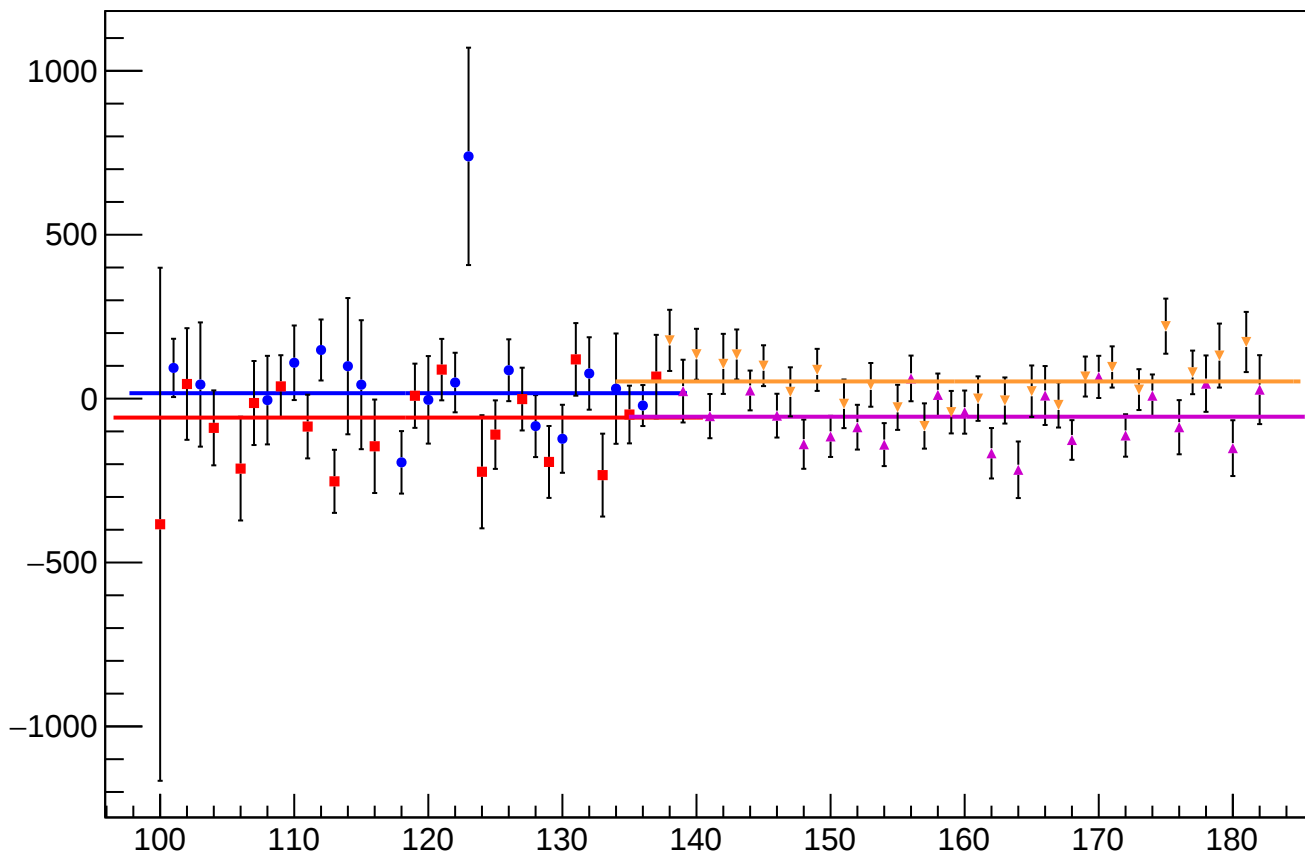
Left In: 174.374 $\pm$ 0.030 χ^2 /NDF: 1344337.2/21

+ sign 191.339 $\pm$ 0.029 χ^2 /NDF: 5382513.1/39

All: 190.932 $\pm$ 0.021 χ^2 /NDF: 11242527.8/80

- sign 190.528 $\pm$ 0.029 χ^2 /NDF: 5859632.0/40

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 16.561 $\pm$ 26.377 χ^2 /NDF: 17.6/16

Left Out: 52.451 $\pm$ 14.944 χ^2 /NDF:23.5/22

Right Out: -57.839 $\pm$ 26.196 χ^2 /NDF: 18.7/18

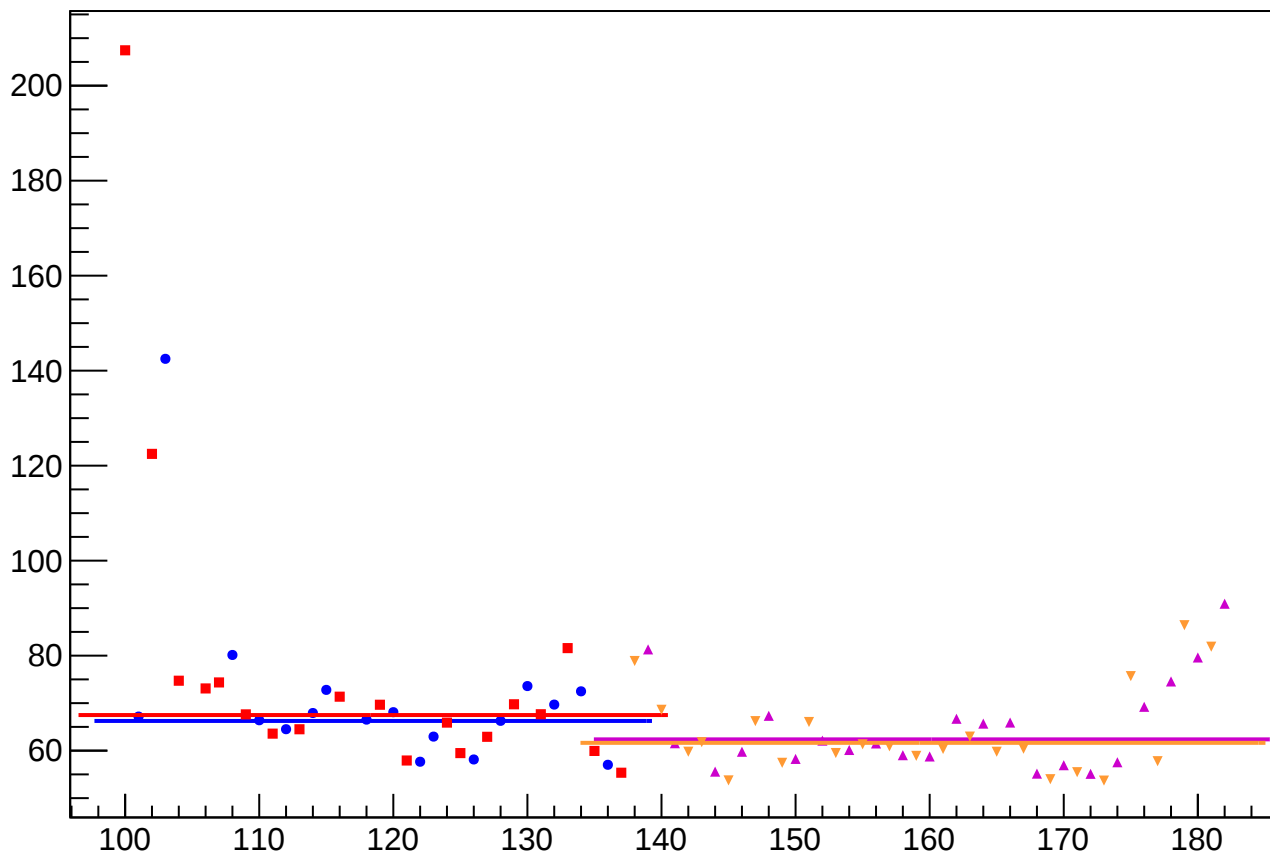
Left In: -55.205 $\pm$ 15.240 χ^2 /NDF:26.6/21

+ sign 43.730 $\pm$ 13.002 χ^2 /NDF: 42.4/39

All: -5.422 $\pm$ 9.254 χ^2 /NDF: 116.7/80

- sign -55.871 $\pm$ 13.173 χ^2 /NDF: 45.3/40

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.252 $\pm$ 0.019 χ^2 /NDF: 439625.4/16

Left Out: 61.644 $\pm$ 0.011 χ^2 /NDF: 521546.0/22

Right Out: 67.493 $\pm$ 0.019 χ^2 /NDF: 392346.8/18

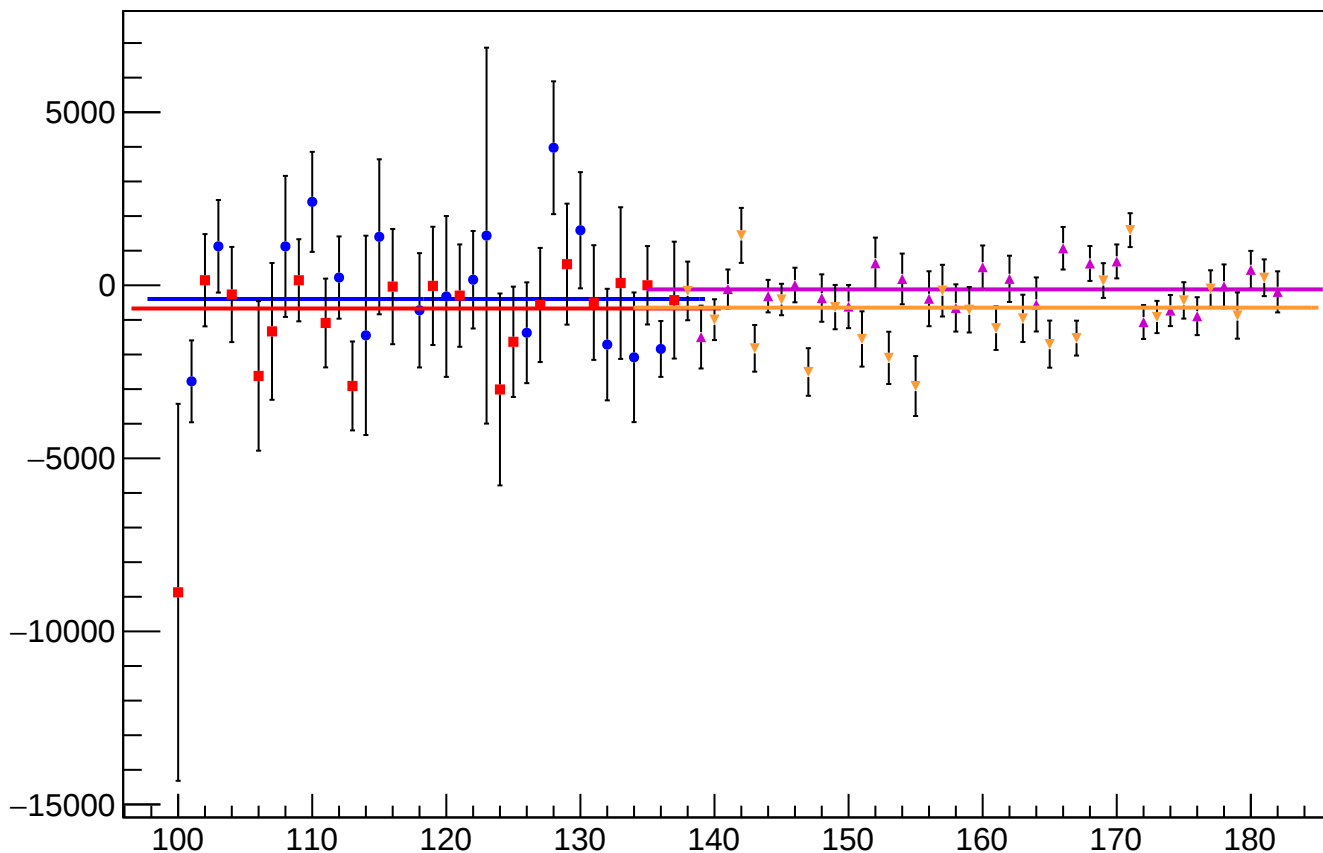
Left In: 62.373 $\pm$ 0.011 χ^2 /NDF: 512800.0/21

+ sign 62.764 $\pm$ 0.009 χ^2 /NDF: 1007385.3/39

All: 63.210 $\pm$ 0.007 χ^2 /NDF: 1974389.9/80

- sign 63.668 $\pm$ 0.009 χ^2 /NDF: 962237.1/40

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -395.700+/-367.296 χ^2 /NDF: 22.7/16

Left Out: -646.227+/-126.259 χ^2 /NDF:64.7/22

Right Out: -670.465+/-362.692 χ^2 /NDF: 9.7/18

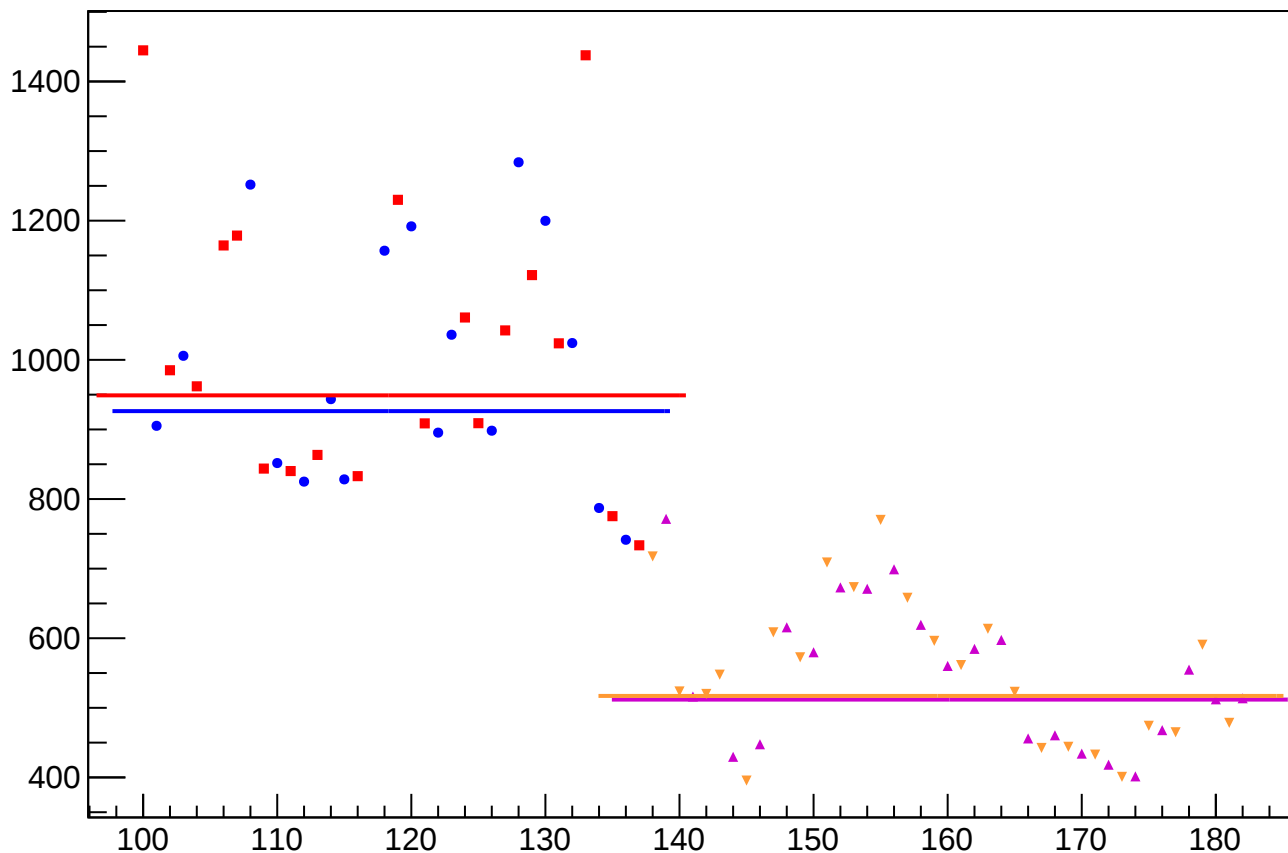
Left In: -118.632+/-125.703 χ^2 /NDF:24.1/21

+ sign -619.752+/-119.401 χ^2 /NDF: 87.9/39

All: -397.613+/-84.206 χ^2 /NDF: 130.7/80

- sign -177.810+/-118.772 χ^2 /NDF: 35.9/40

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 926.339 $\pm$ 0.260 χ^2/NDF : 395813.5/16

Left Out: 517.105 $\pm$ 0.089 χ^2/NDF : 1170657.9/22

Right Out: 948.981 $\pm$ 0.256 χ^2/NDF : 382928.4/18

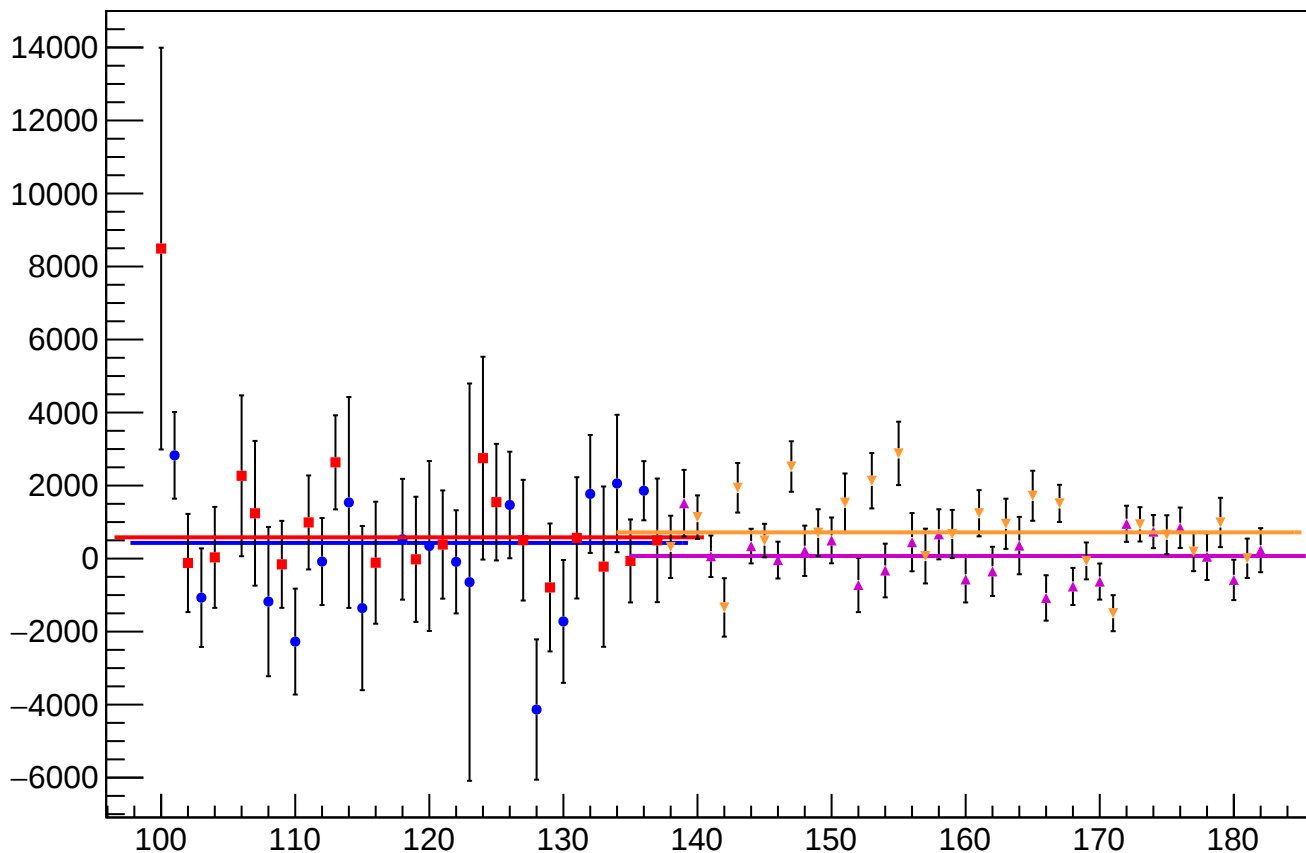
Left In: 511.838 $\pm$ 0.089 χ^2/NDF : 1040238.8/21

+ sign 560.352 $\pm$ 0.084 χ^2/NDF : 3786896.7/39

All: 559.530 $\pm$ 0.060 χ^2/NDF : 7804042.1/80

- sign 558.717 $\pm$ 0.084 χ^2/NDF : 4016956.8/40

asym_sam_12345678_avg_mean vs Slug



Right In: 429.343 $\pm$ 368.550 χ^2 /NDF: 22.9/16

Left Out: 718.363 $\pm$ 127.290 χ^2 /NDF:60.1/22

Right Out: 582.178 $\pm$ 364.139 χ^2 /NDF: 8.6/18

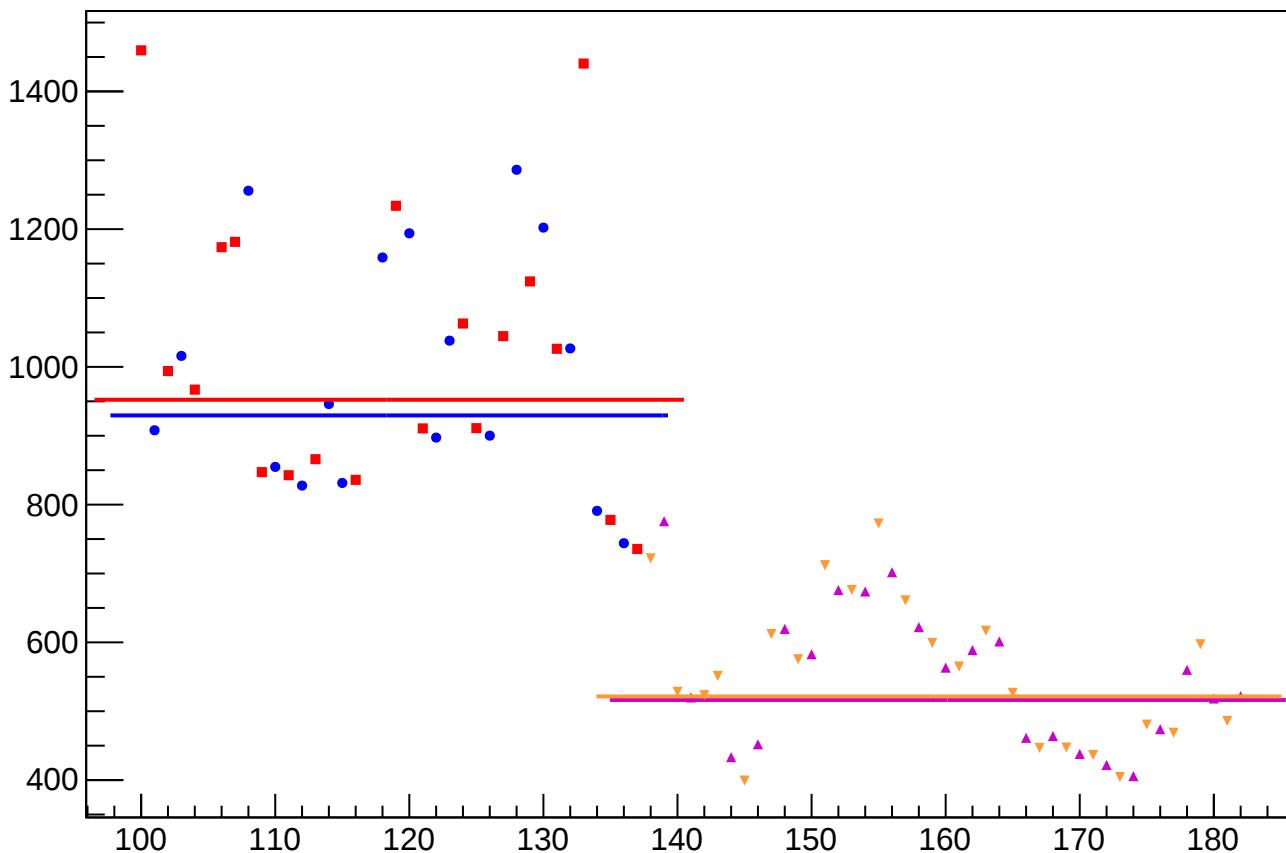
Left In: 71.418 $\pm$ 126.778 χ^2 /NDF:24.2/21

+ sign 687.560 $\pm$ 120.316 χ^2 /NDF: 83.5/39

All: 405.726 $\pm$ 84.868 χ^2 /NDF: 129.0/80

- sign 126.636 $\pm$ 119.729 χ^2 /NDF: 34.6/40

asym_sam_12345678_avg_rms vs Slug



Right In: 929.549 $\pm$ 0.261 χ^2 /NDF: 394903.7/16

Left Out: 521.507 $\pm$ 0.090 χ^2 /NDF:1148625.2/22

Right Out: 952.283 $\pm$ 0.257 χ^2 /NDF: 383199.7/18

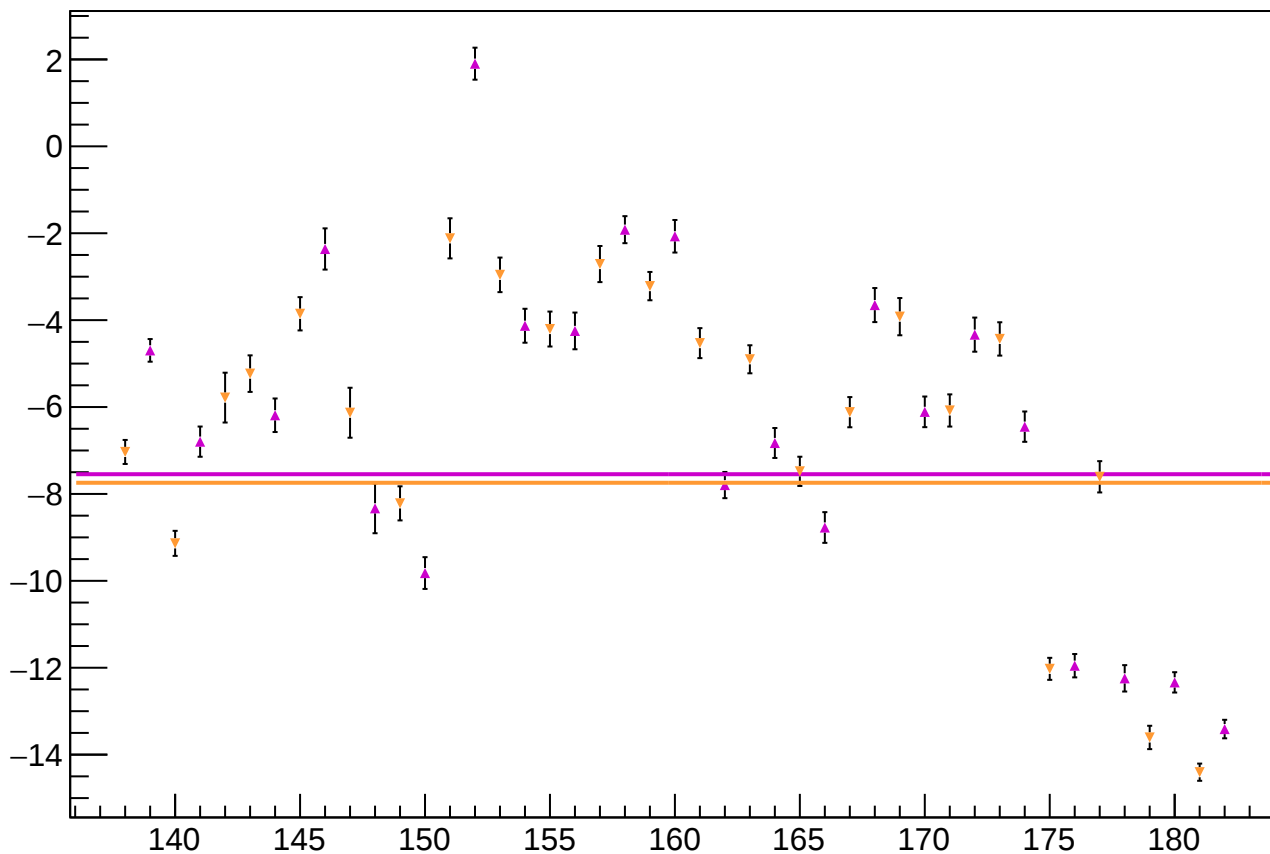
Left In: 516.379 $\pm$ 0.090 χ^2 /NDF:1019984.0/21

+ sign 564.994 $\pm$ 0.085 χ^2 /NDF: 3733835.0/39

All: 564.246 $\pm$ 0.060 χ^2 /NDF: 7693347.2/80

- sign 563.504 $\pm$ 0.085 χ^2 /NDF: 3959358.1/40

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -7.743+/-0.071 χ^2/NDF : 3154.2/22

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

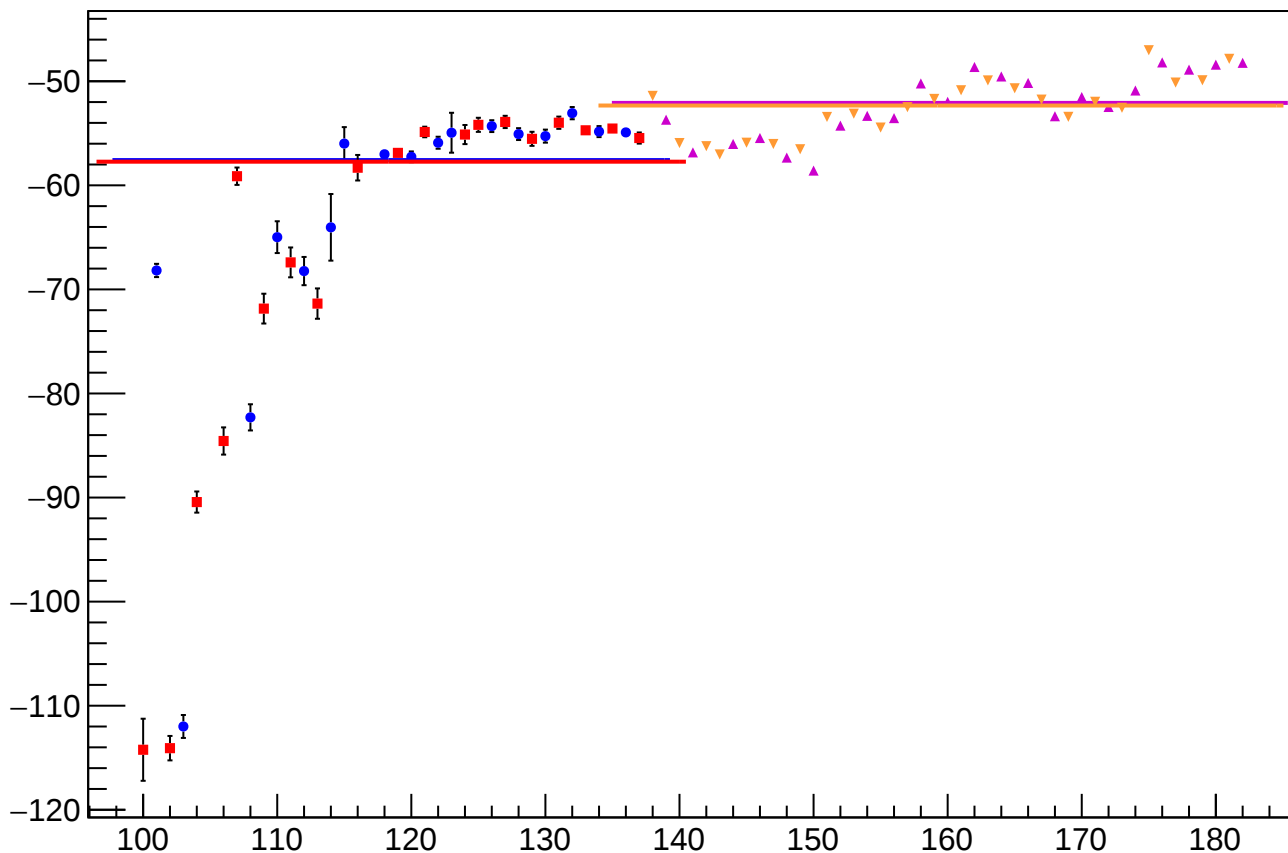
Left In: -7.546+/-0.070 χ^2/NDF : 3527.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.644+/-0.050 χ^2/NDF : 6685.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.574 ± 0.143 χ^2/NDF : 3458.2/16

Left Out: -52.331 ± 0.057 χ^2/NDF : 2476.1/22

Right Out: -57.728 ± 0.143 χ^2/NDF : 4700.5/18

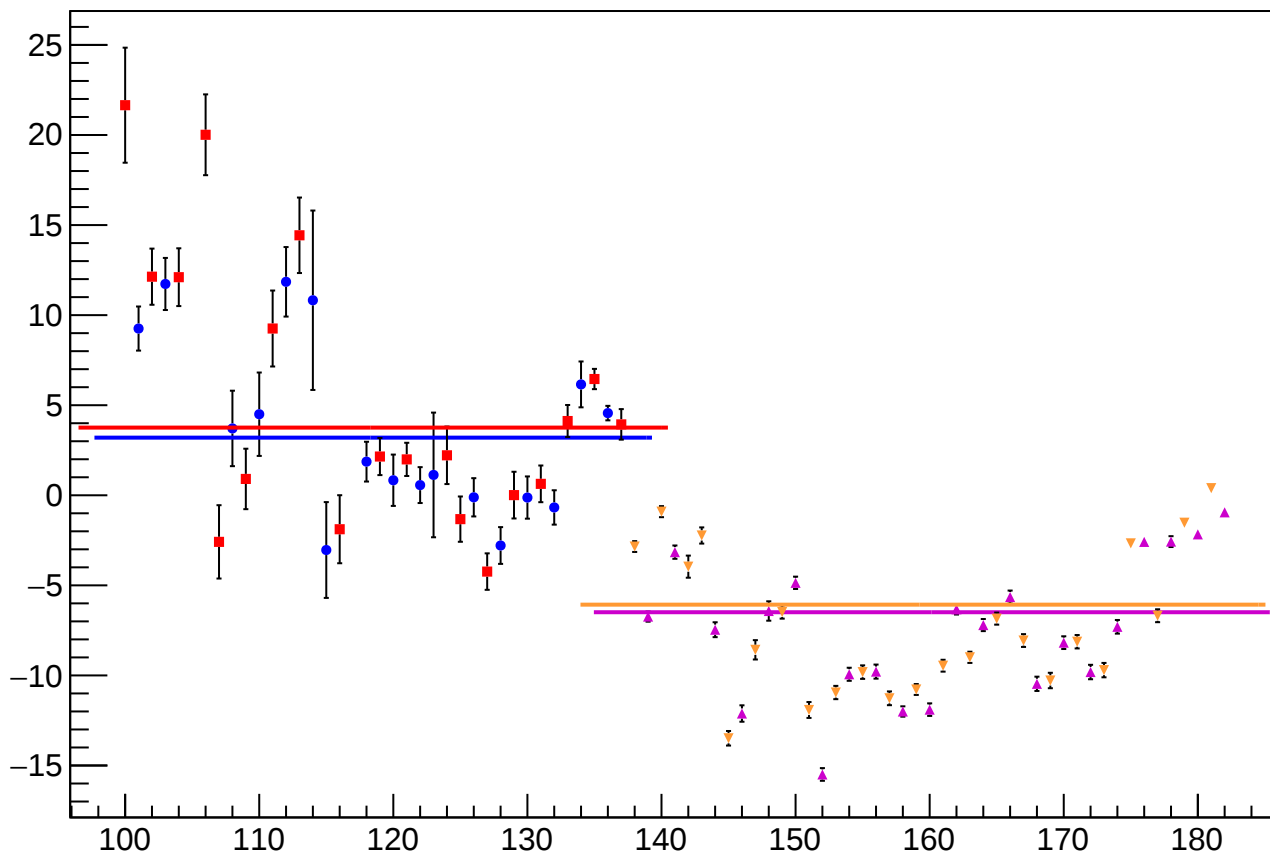
Left In: -52.080 ± 0.058 χ^2/NDF : 3160.2/21

+ sign -53.047 ± 0.053 χ^2/NDF : 7091.8/39

All: -52.962 ± 0.038 χ^2/NDF : 16295.3/80

- sign -52.874 ± 0.054 χ^2/NDF : 9198.3/40

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.200 ± 0.259 χ^2/NDF : 184.7/16

Left Out: -6.071 ± 0.071 χ^2/NDF : 3627.5/22

Right Out: 3.758 ± 0.268 χ^2/NDF : 320.9/18

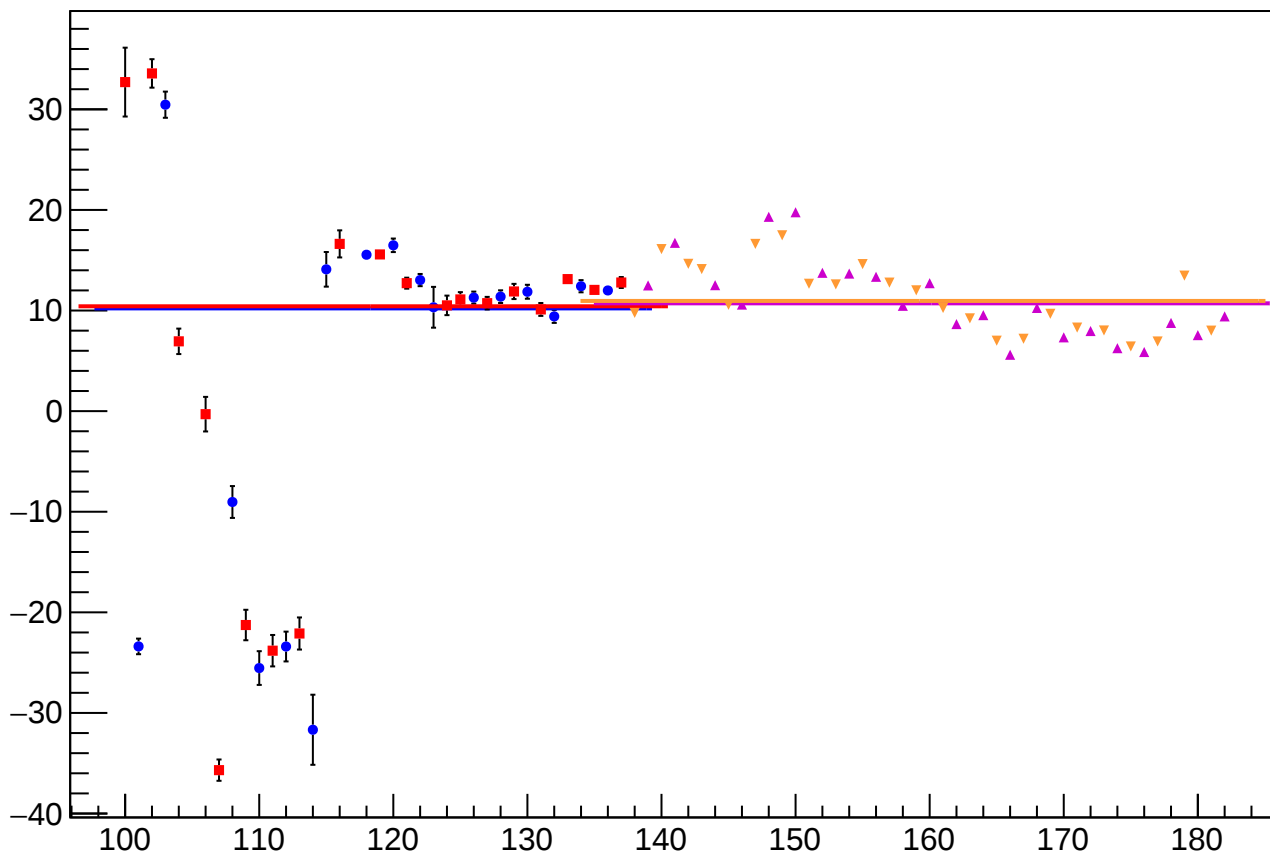
Left In: -6.492 ± 0.070 χ^2/NDF : 3250.5/21

+ sign -5.430 ± 0.068 χ^2/NDF : 5002.5/39

All: -5.637 ± 0.048 χ^2/NDF : 9961.7/80

- sign -5.840 ± 0.068 χ^2/NDF : 4941.0/40

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.213+/-0.158 χ^2 /NDF: 3680.0/16

Left Out: 10.955+/-0.064 χ^2 /NDF: 2607.1/22

Right Out: 10.422+/-0.160 χ^2 /NDF: 3826.2/18

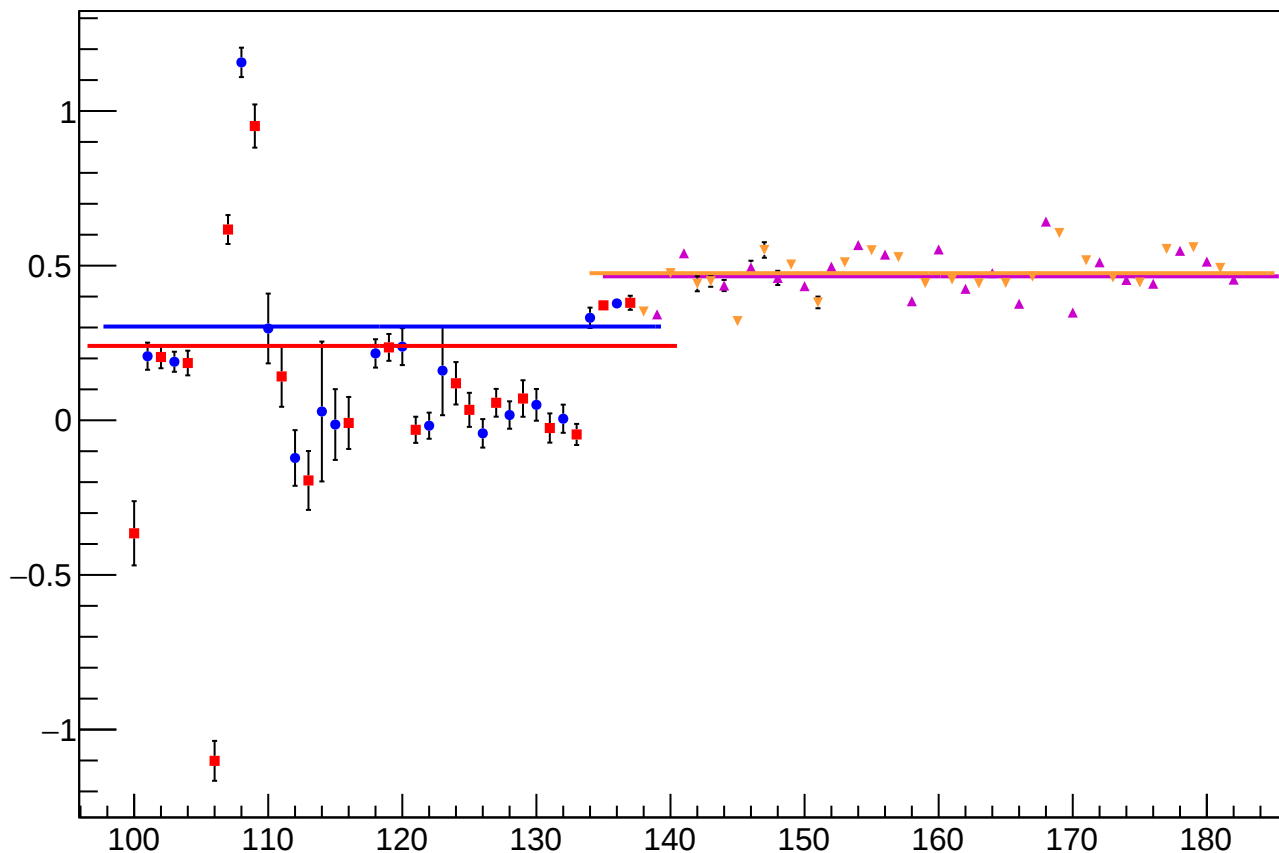
Left In: 10.716+/-0.064 χ^2 /NDF: 3461.9/21

+ sign 10.851+/-0.059 χ^2 /NDF: 6306.0/39

All: 10.764+/-0.042 χ^2 /NDF: 13601.5/80

- sign 10.675+/-0.059 χ^2 /NDF: 7291.1/40

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.476 ± 0.003 χ^2/NDF : 498.4/22

Right Out: 0.240 ± 0.009 χ^2/NDF : 983.3/18

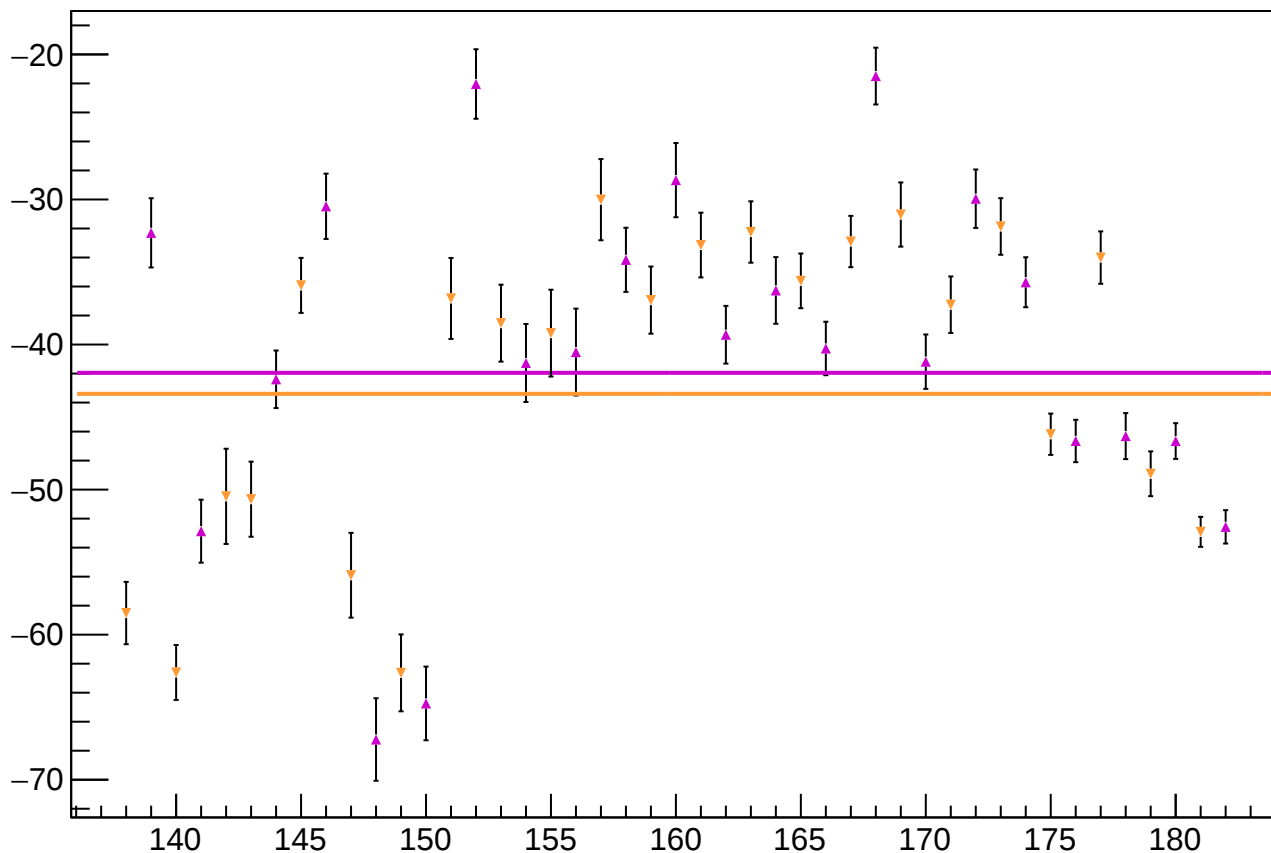
Left In: 0.465 ± 0.003 χ^2/NDF : 726.9/21

+ sign 0.457 ± 0.003 χ^2/NDF : 1538.1/39

All: 0.450 ± 0.002 χ^2/NDF : 3887.5/80

- sign 0.443 ± 0.003 χ^2/NDF : 2336.7/40

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -43.397+/-0.412 χ^2/NDF : 598.4/22

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

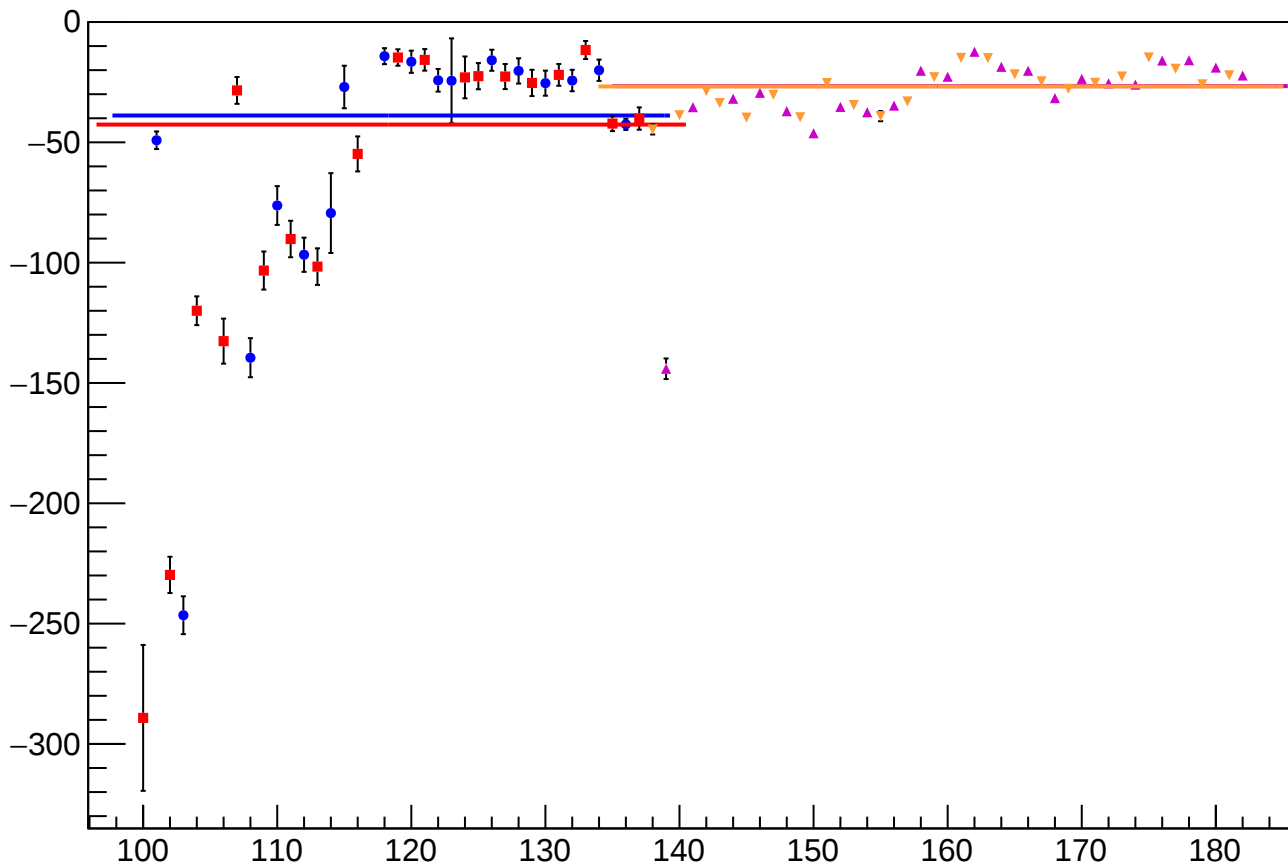
Left In: -41.950+/-0.407 χ^2/NDF : 620.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.664+/-0.290 χ^2/NDF : 1224.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.852 ± 1.150 χ^2/NDF : 1121.7/16

Left Out: -26.776 ± 0.330 χ^2/NDF : 601.5/22

Right Out: -42.616 ± 1.212 χ^2/NDF : 1345.6/18

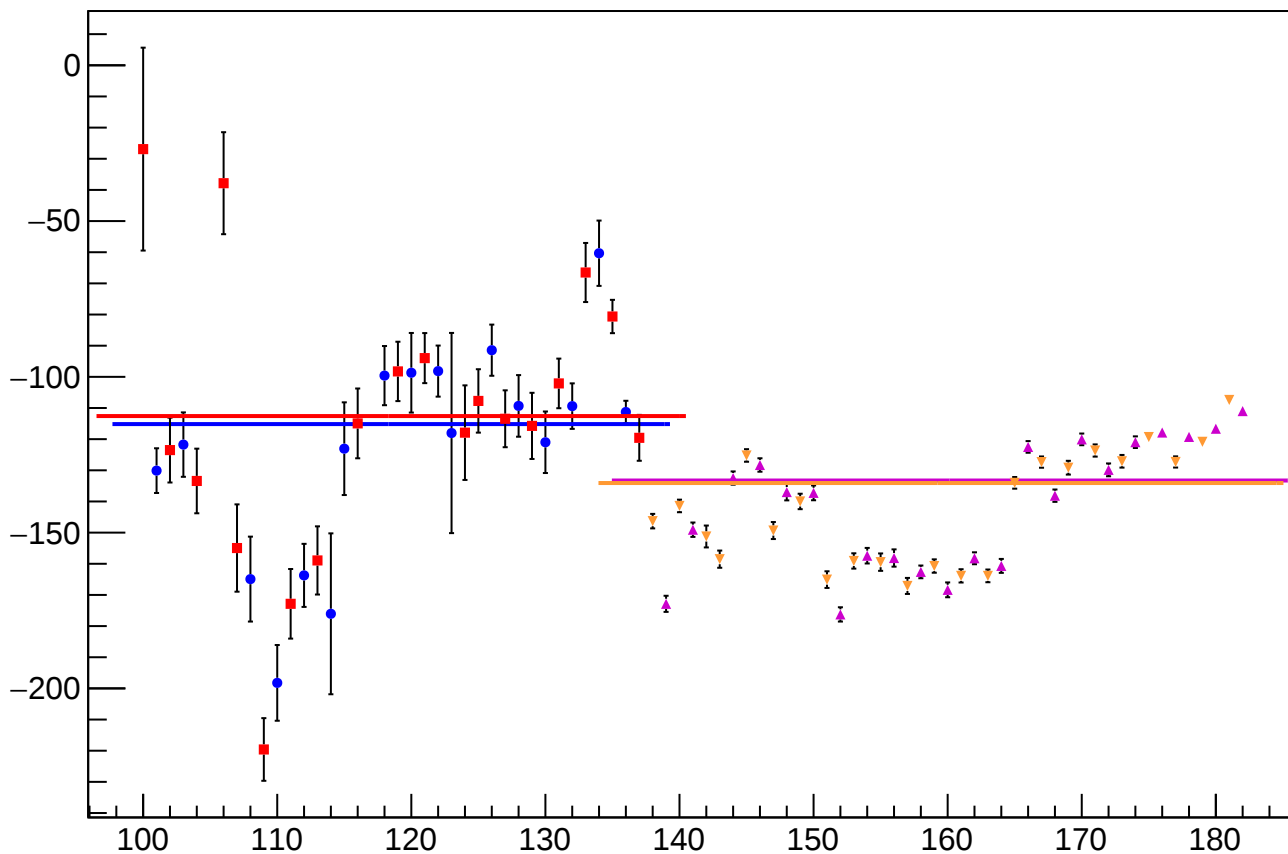
Left In: -26.624 ± 0.331 χ^2/NDF : 1386.5/21

+ sign -27.693 ± 0.317 χ^2/NDF : 1825.2/39

All: -27.712 ± 0.225 χ^2/NDF : 4719.4/80

- sign -27.732 ± 0.319 χ^2/NDF : 2894.2/40

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.163 ± 2.084 χ^2/NDF : 140.5/16

Left Out: -134.081 ± 0.414 χ^2/NDF : 2118.8/22

Right Out: -112.587 ± 2.213 χ^2/NDF : 272.4/18

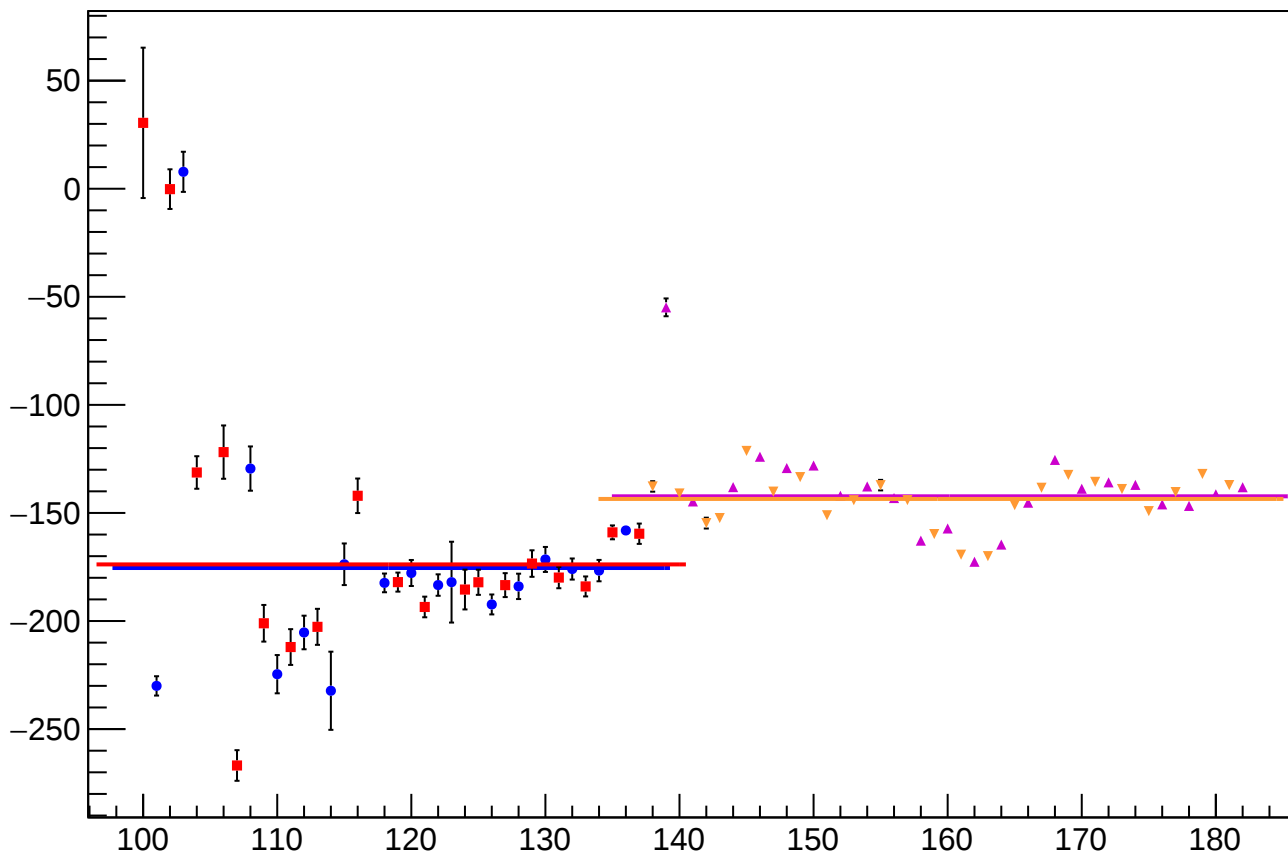
Left In: -133.274 ± 0.406 χ^2/NDF : 2419.0/21

+ sign -133.364 ± 0.406 χ^2/NDF : 2338.6/39

All: -132.976 ± 0.285 χ^2/NDF : 5116.3/80

- sign -132.600 ± 0.400 χ^2/NDF : 2776.0/40

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.476 ± 1.279 χ^2/NDF : 691.2/16

Left Out: -143.520 ± 0.370 χ^2/NDF : 1015.3/22

Right Out: -173.809 ± 1.359 χ^2/NDF : 738.0/18

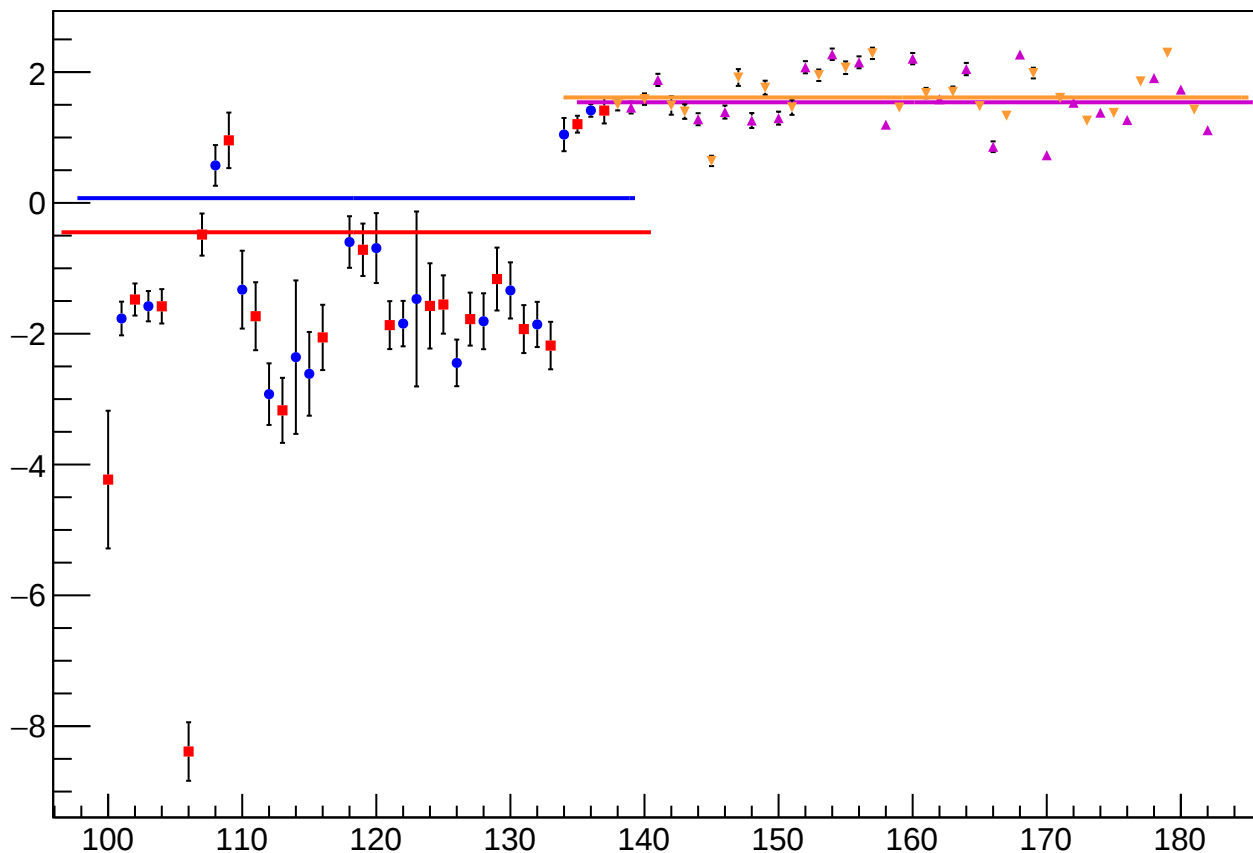
Left In: -142.303 ± 0.369 χ^2/NDF : 1490.7/21

+ sign -145.994 ± 0.356 χ^2/NDF : 2282.6/39

All: -145.230 ± 0.252 χ^2/NDF : 5021.2/80

- sign -144.465 ± 0.356 χ^2/NDF : 2729.4/40

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.073 ± 0.067 χ^2/NDF : 525.2/16

Left Out: 1.612 ± 0.017 χ^2/NDF : 460.7/22

Right Out: -0.449 ± 0.071 χ^2/NDF : 750.7/18

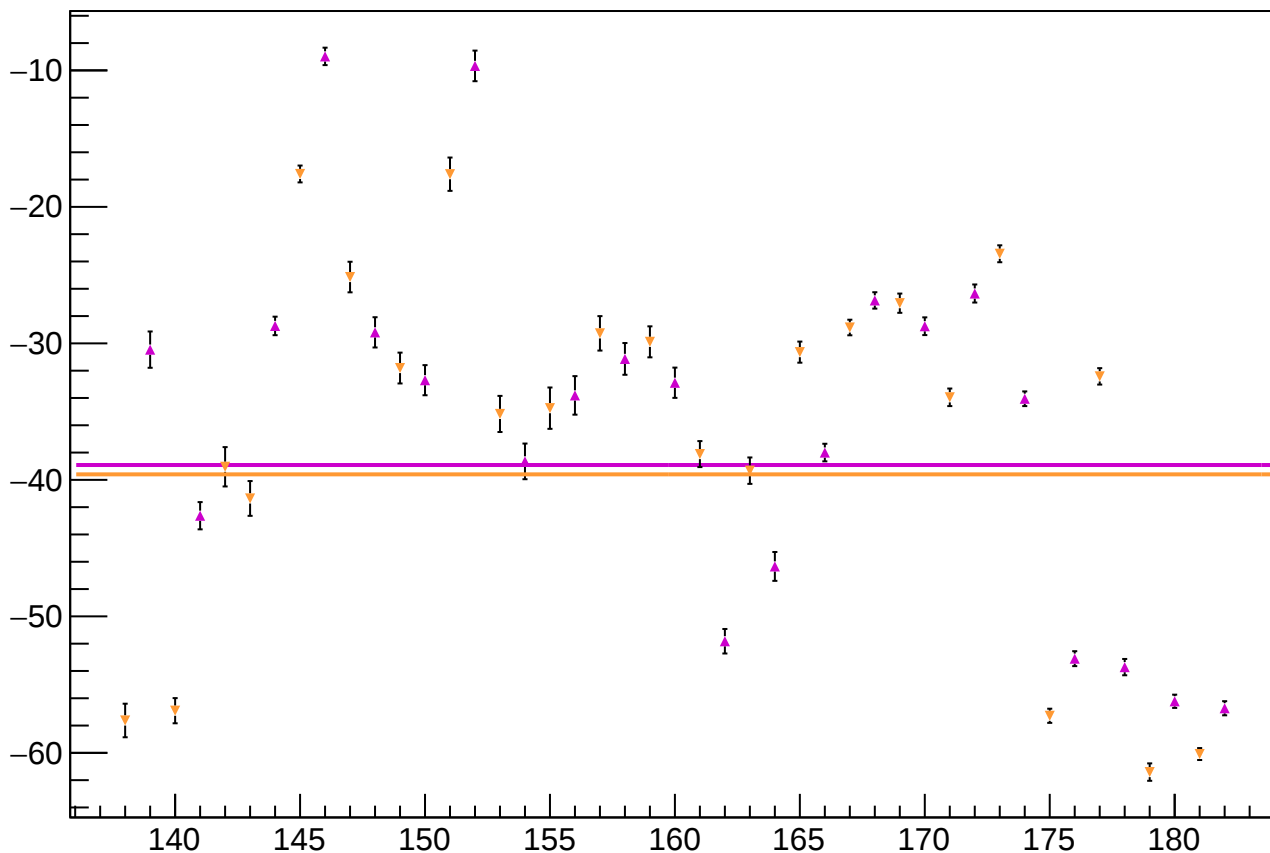
Left In: 1.538 ± 0.017 χ^2/NDF : 709.9/21

+ sign 1.519 ± 0.017 χ^2/NDF : 1479.2/39

All: 1.476 ± 0.012 χ^2/NDF : 3687.3/80

- sign 1.435 ± 0.016 χ^2/NDF : 2194.8/40

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -39.596+/-0.162 χ^2 /NDF:8772.9/22

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

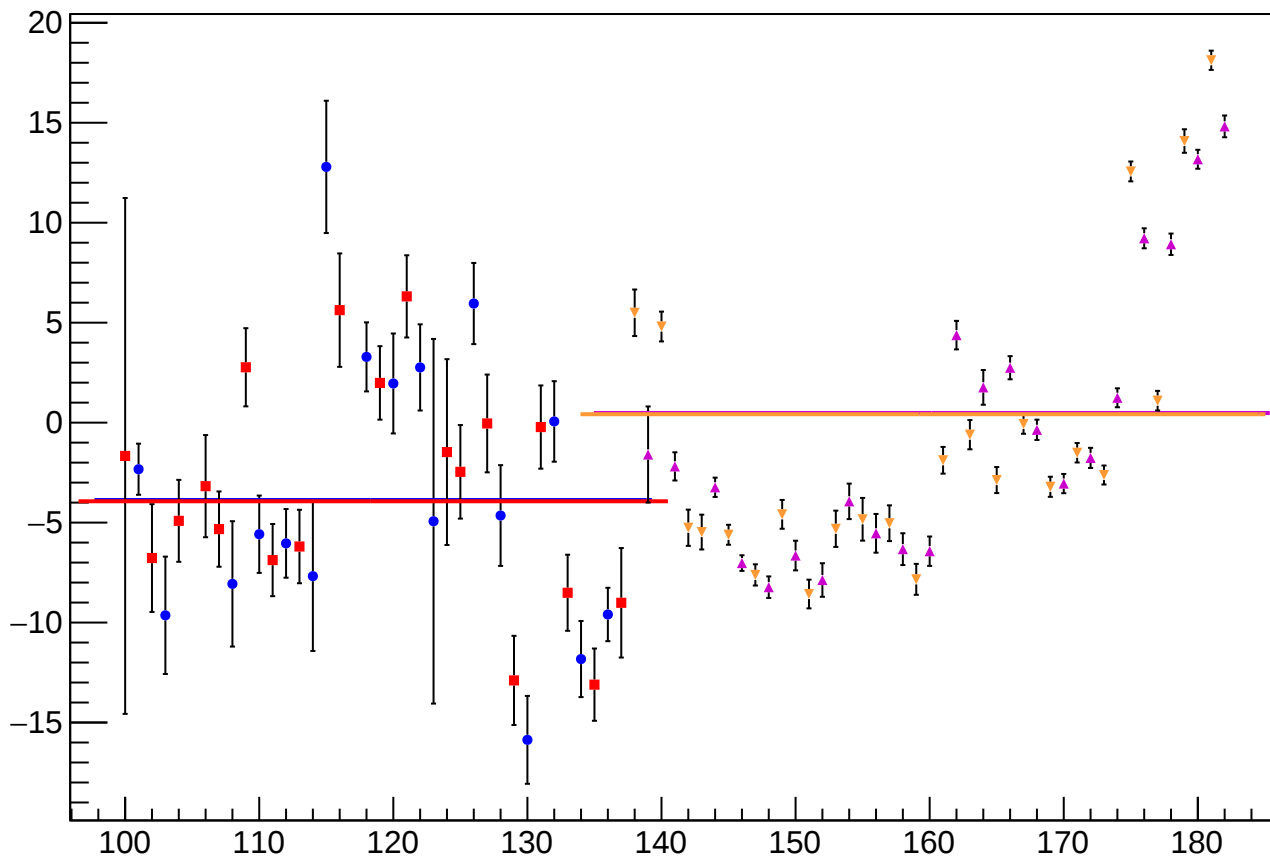
Left In: -38.911+/-0.157 χ^2 /NDF:8446.8/21

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -39.243+/-0.112 χ^2 /NDF: 17228.9/44

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.872 ± 0.499 χ^2/NDF : 161.0/16

Left Out: 0.421 ± 0.129 χ^2/NDF : 3576.6/22

Right Out: -3.933 ± 0.508 χ^2/NDF : 122.0/18

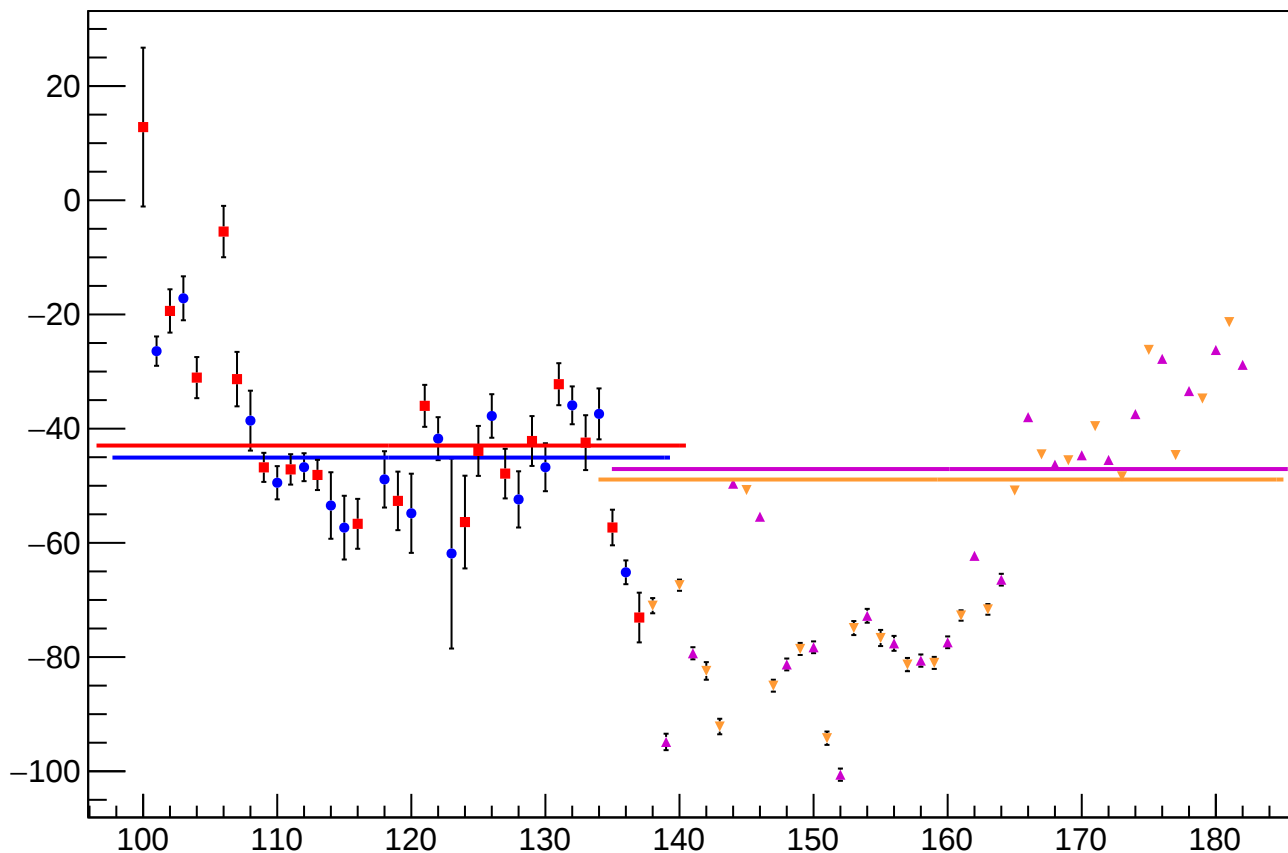
Left In: 0.484 ± 0.125 χ^2/NDF : 3212.8/21

+ sign 0.152 ± 0.125 χ^2/NDF : 3806.9/39

All: 0.192 ± 0.087 χ^2/NDF : 7213.3/80

- sign 0.230 ± 0.122 χ^2/NDF : 3406.2/40

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.063 ± 0.885 χ^2/NDF : 230.3/16

Left Out: -48.908 ± 0.163 χ^2/NDF : 15857.9/22

Right Out: -42.956 ± 0.879 χ^2/NDF : 248.1/18

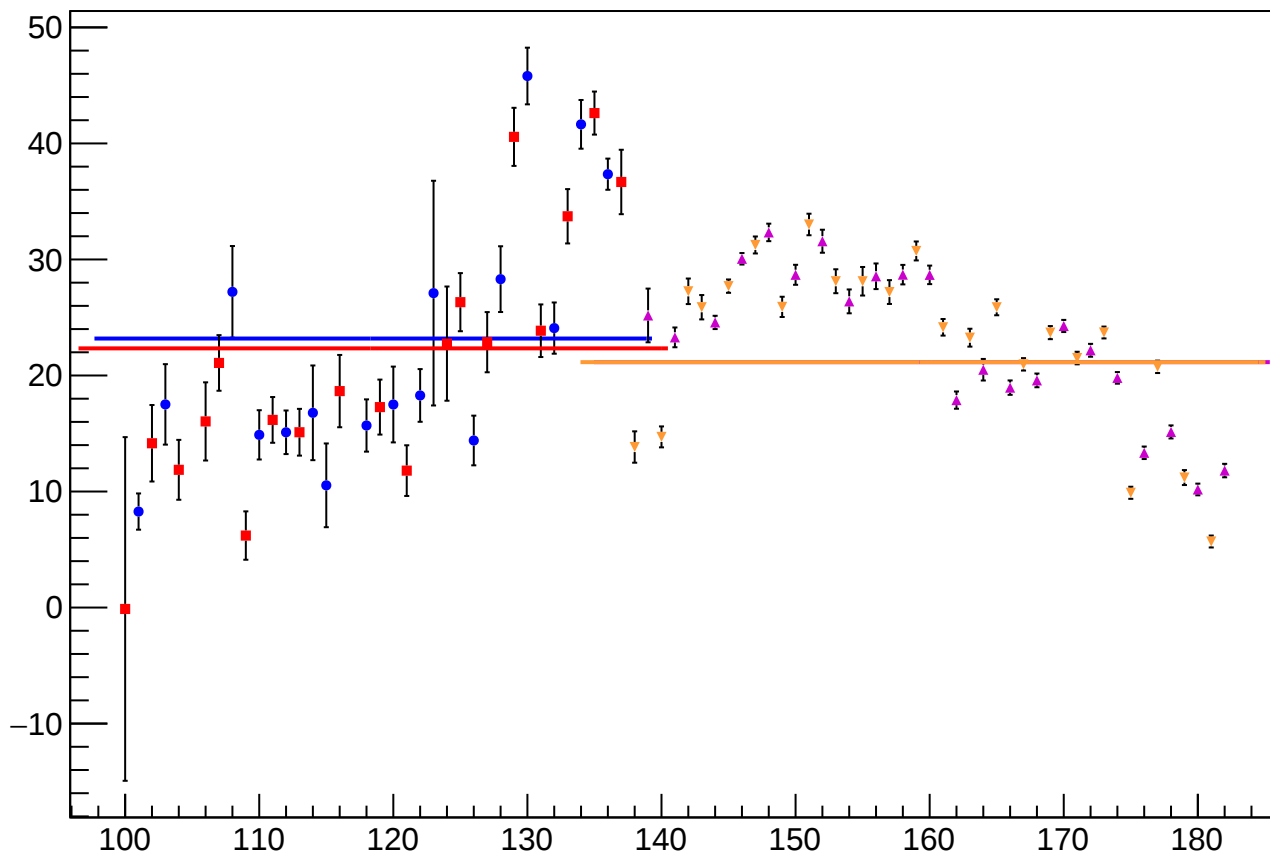
Left In: -47.072 ± 0.157 χ^2/NDF : 15514.9/21

+ sign -48.782 ± 0.160 χ^2/NDF : 16106.5/39

All: -47.833 ± 0.111 χ^2/NDF : 31959.0/80

- sign -46.945 ± 0.155 χ^2/NDF : 15784.3/40

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.185 $\pm$ 0.560 χ^2 /NDF: 456.9/16

Left Out: 21.150 $\pm$ 0.145 χ^2 /NDF: 2617.7/22

Right Out: 22.337 $\pm$ 0.574 χ^2 /NDF: 366.3/18

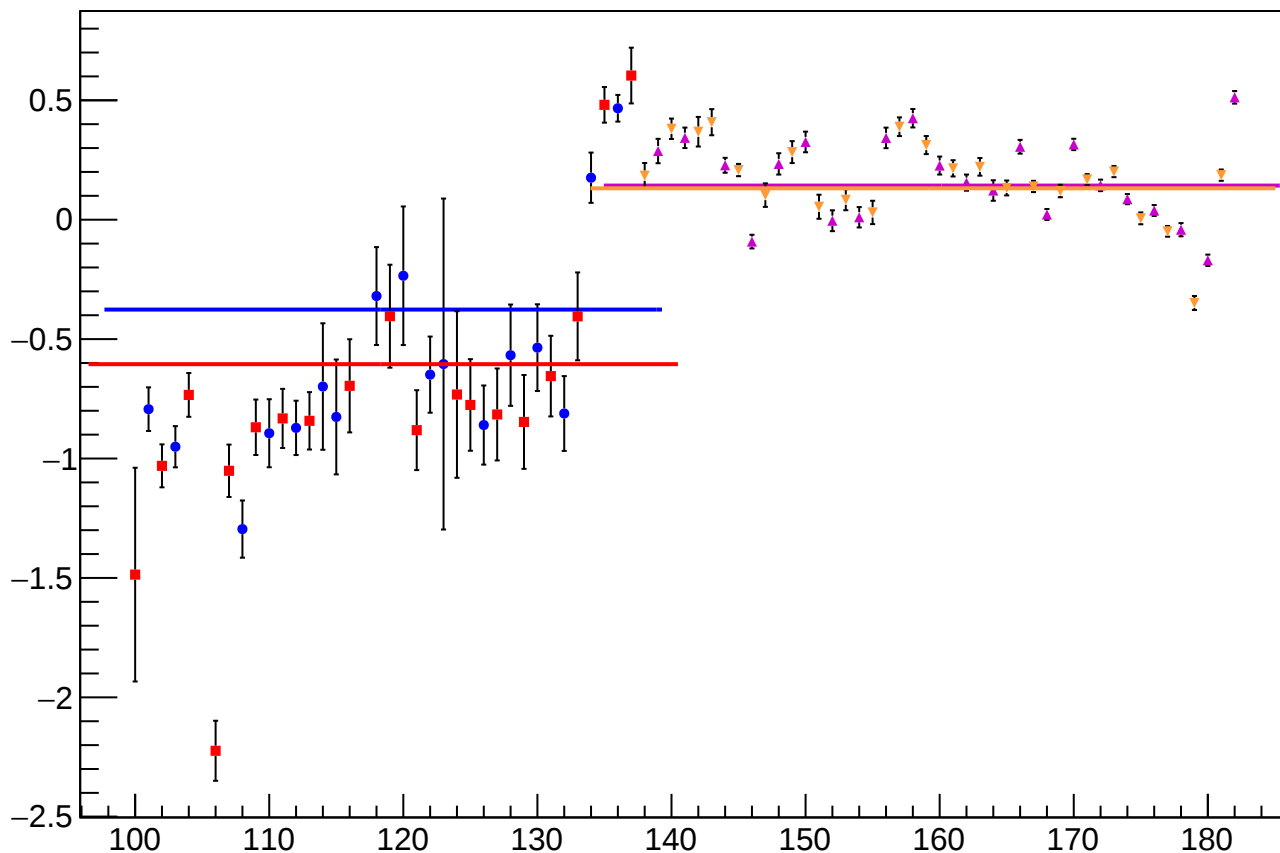
Left In: 21.151 $\pm$ 0.141 χ^2 /NDF: 2158.0/21

+ sign 21.277 $\pm$ 0.140 χ^2 /NDF: 3087.1/39

All: 21.247 $\pm$ 0.098 χ^2 /NDF: 5615.5/80

- sign 21.218 $\pm$ 0.137 χ^2 /NDF: 2528.4/40

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.6/16$

Left Out: 0.131 ± 0.007 $\chi^2/\text{NDF}: 555.0/22$

Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/18$

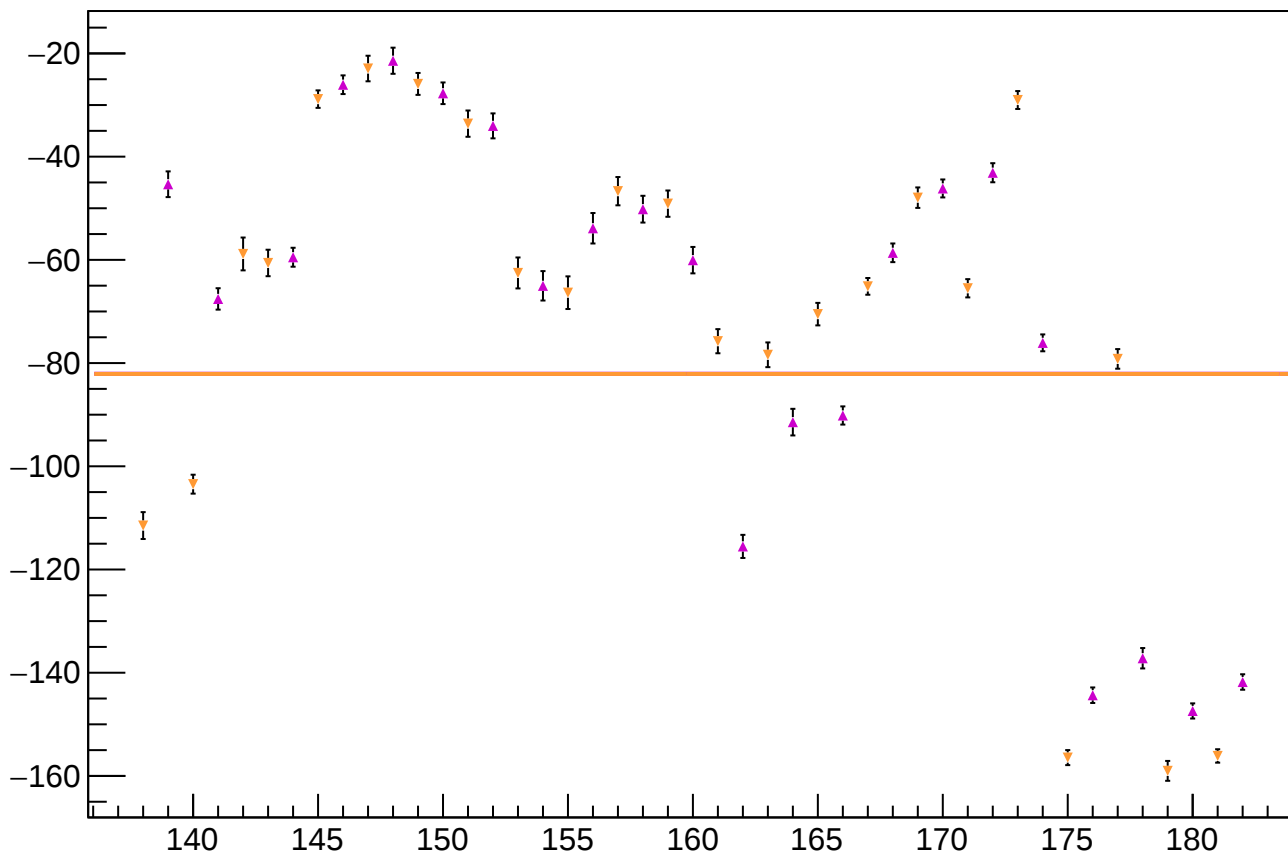
Left In: 0.143 ± 0.006 $\chi^2/\text{NDF}: 781.3/21$

+ sign 0.108 ± 0.006 $\chi^2/\text{NDF}: 1263.1/39$

All: 0.109 ± 0.005 $\chi^2/\text{NDF}: 3179.9/80$

- sign 0.110 ± 0.006 $\chi^2/\text{NDF}: 1916.7/40$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -82.104+/-0.425 χ^2/NDF :12325.1/22

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

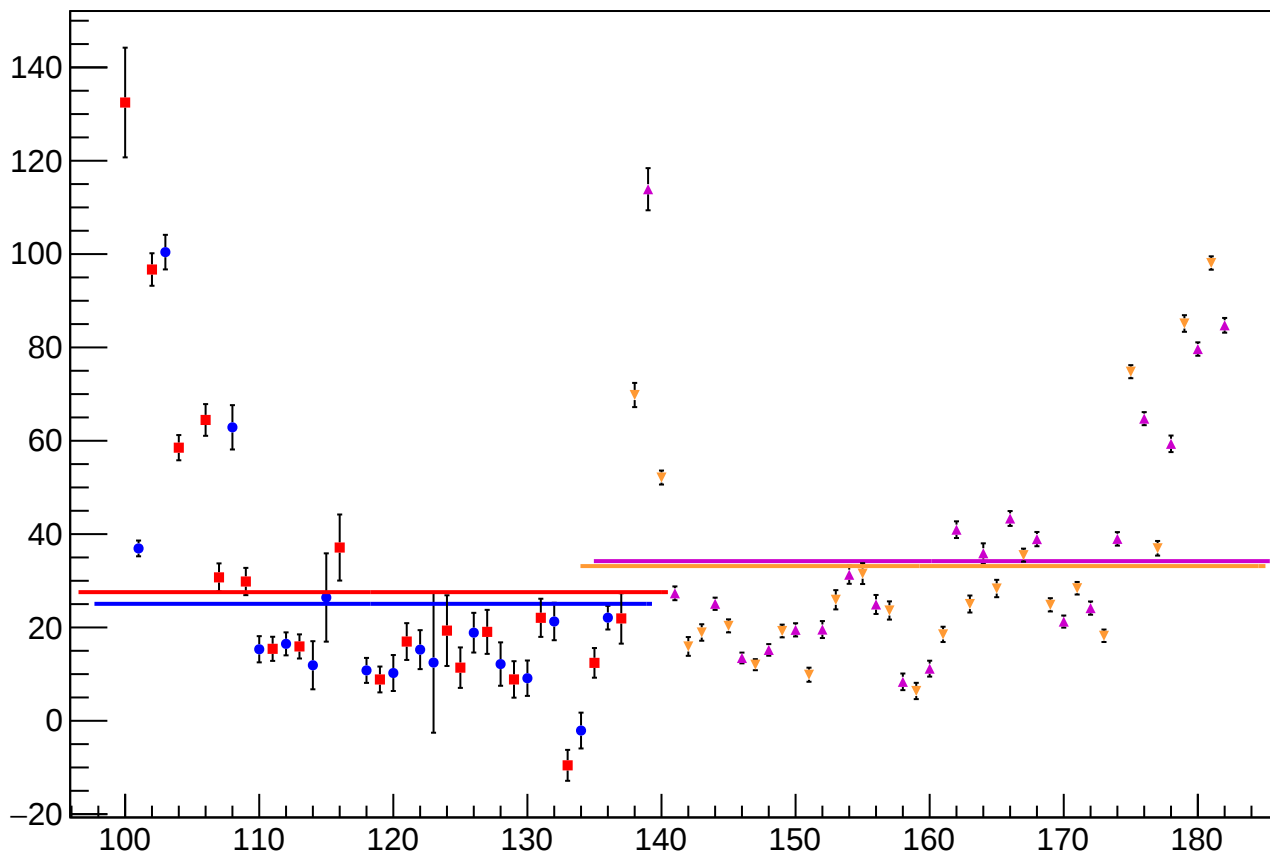
Left In: -82.069+/-0.420 χ^2/NDF :10738.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.087+/-0.299 χ^2/NDF : 23063.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.063 $\pm$ 0.808 χ^2 /NDF: 686.5/16

Left Out: 33.150 $\pm$ 0.330 χ^2 /NDF: 5584.4/22

Right Out: 27.568 $\pm$ 0.811 χ^2 /NDF: 1013.6/18

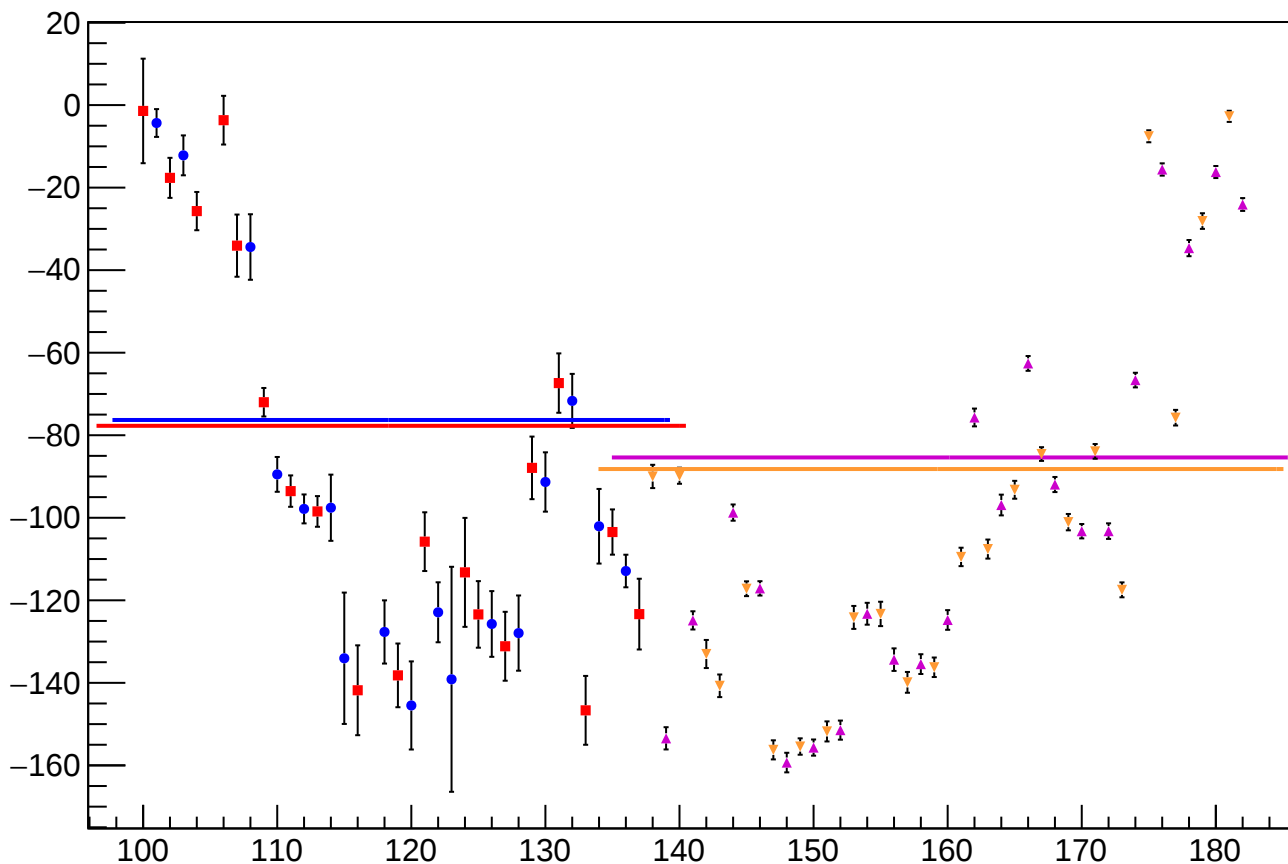
Left In: 34.214 $\pm$ 0.332 χ^2 /NDF: 4447.3/21

+ sign 31.994 $\pm$ 0.305 χ^2 /NDF: 6356.8/39

All: 32.624 $\pm$ 0.216 χ^2 /NDF: 11883.8/80

- sign 33.261 $\pm$ 0.307 χ^2 /NDF: 5518.5/40

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.304 ± 1.419 $\chi^2/\text{NDF}: 1030.8/16$

Left Out: -88.191 ± 0.425 $\chi^2/\text{NDF}: 13233.6/22$

Right Out: -77.715 ± 1.354 $\chi^2/\text{NDF}: 872.3/18$

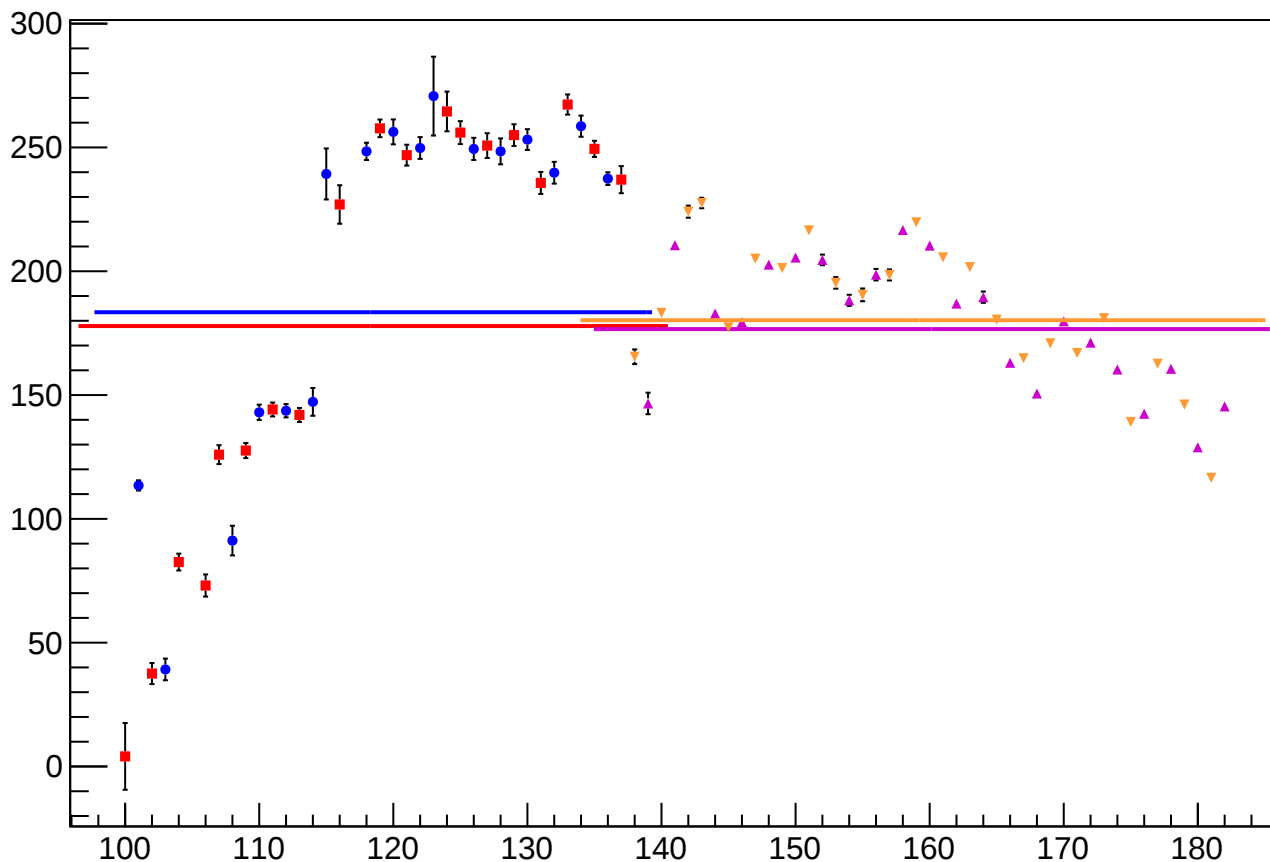
Left In: -85.384 ± 0.419 $\chi^2/\text{NDF}: 12824.2/21$

+ sign -87.210 ± 0.408 $\chi^2/\text{NDF}: 14328.8/39$

All: -85.940 ± 0.286 $\chi^2/\text{NDF}: 28073.7/80$

- sign -84.713 ± 0.401 $\chi^2/\text{NDF}: 13725.8/40$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.448 ± 0.920 $\chi^2/\text{NDF}: 5318.3/16$

Left Out: 180.221 ± 0.374 $\chi^2/\text{NDF}: 5649.1/22$

Right Out: 177.868 ± 0.925 $\chi^2/\text{NDF}: 6336.5/18$

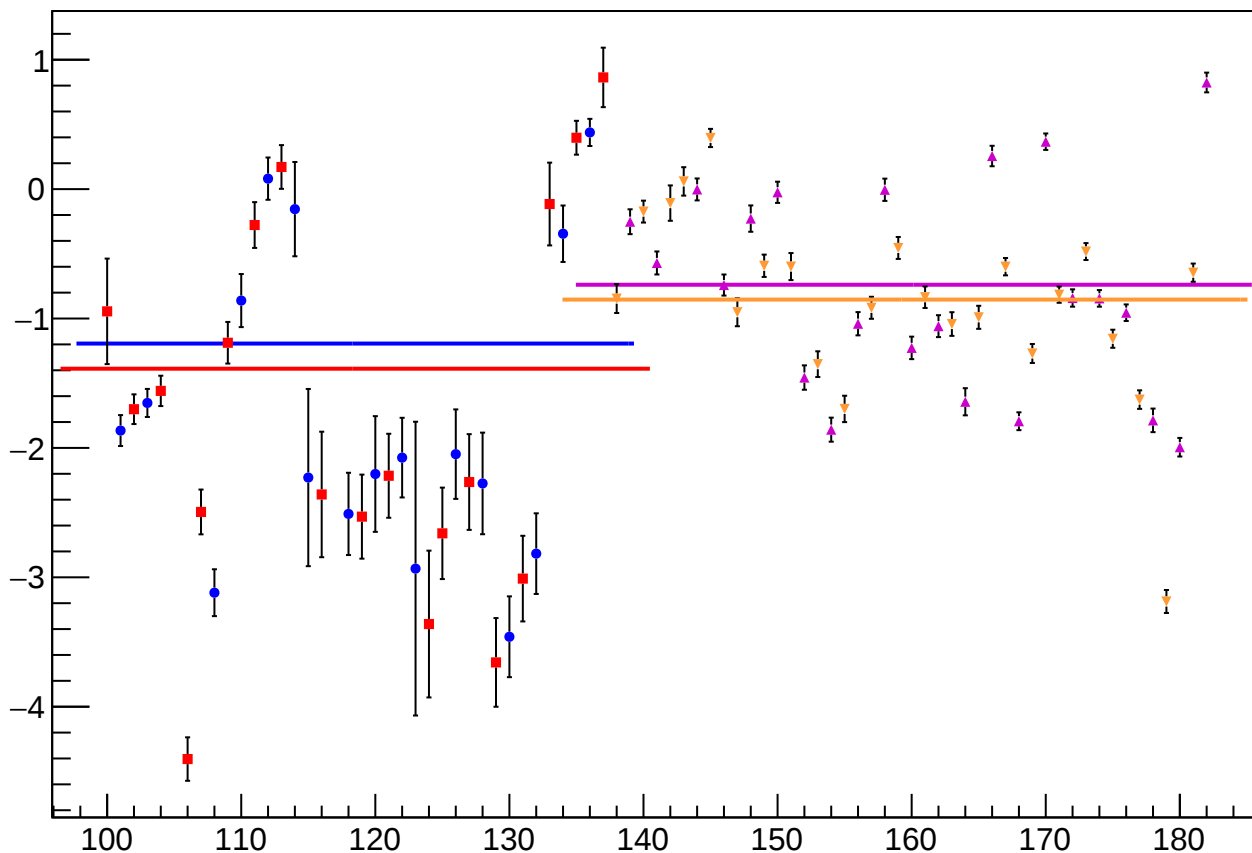
Left In: 176.642 ± 0.374 $\chi^2/\text{NDF}: 4420.5/21$

+ sign 180.679 ± 0.346 $\chi^2/\text{NDF}: 10977.9/39$

All: 178.748 ± 0.245 $\chi^2/\text{NDF}: 21798.6/80$

- sign 176.814 ± 0.347 $\chi^2/\text{NDF}: 10758.6/40$

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 χ^2/NDF : 620.4/16

Left Out: -0.854 ± 0.017 χ^2/NDF : 1532.4/22

Right Out: -1.388 ± 0.046 χ^2/NDF : 919.4/18

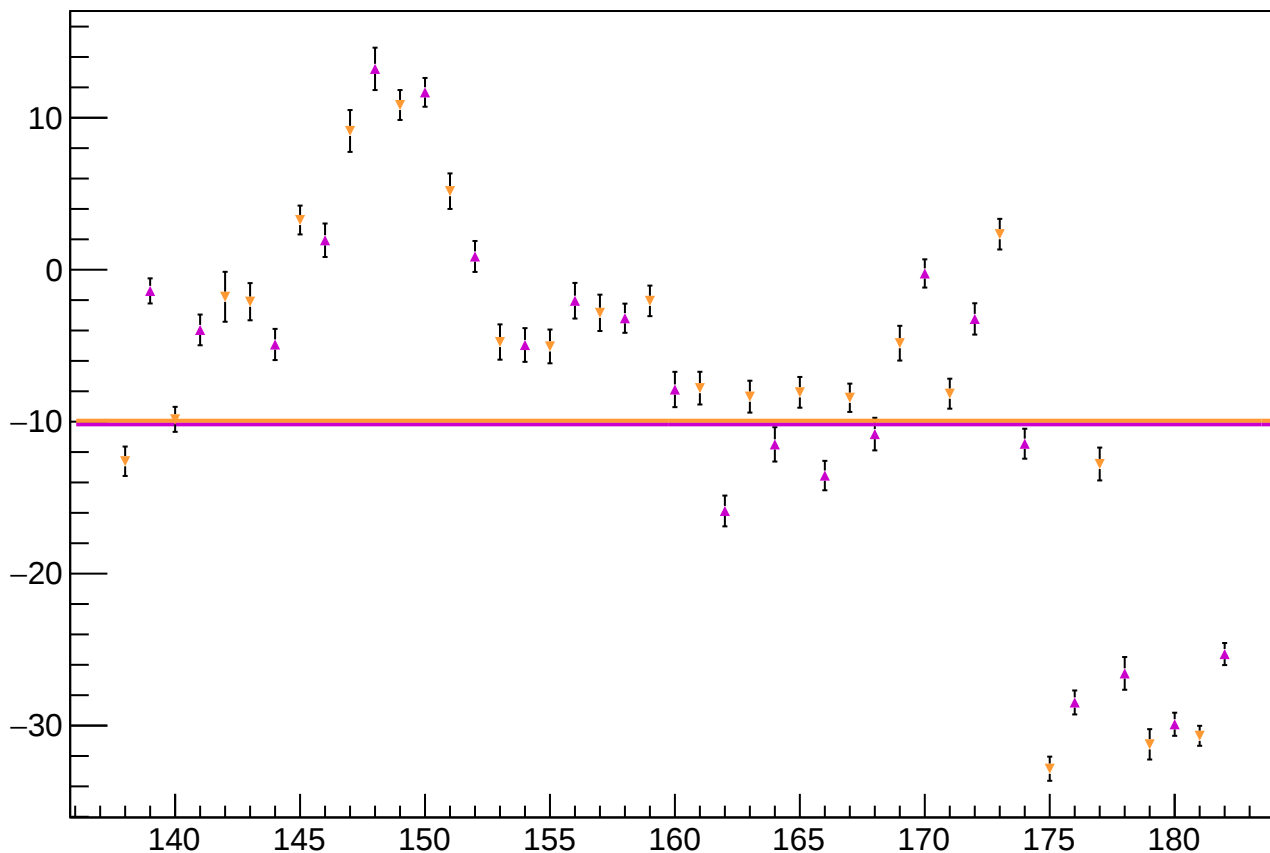
Left In: -0.739 ± 0.017 χ^2/NDF : 2182.1/21

+ sign -0.892 ± 0.016 χ^2/NDF : 2196.8/39

All: -0.854 ± 0.011 χ^2/NDF : 5484.8/80

- sign -0.818 ± 0.016 χ^2/NDF : 3277.4/40

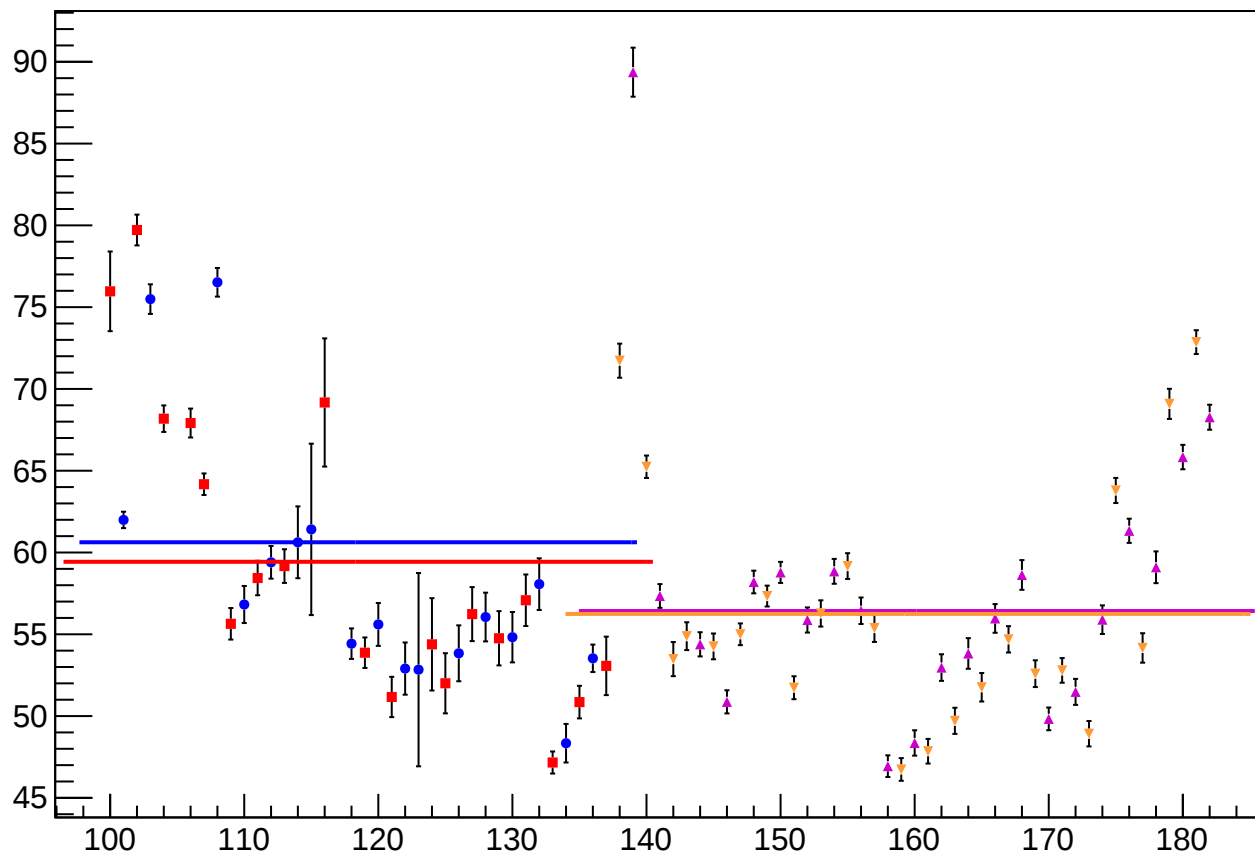
reg_asym_sam5_diff_bpm1X_slope vs Slug



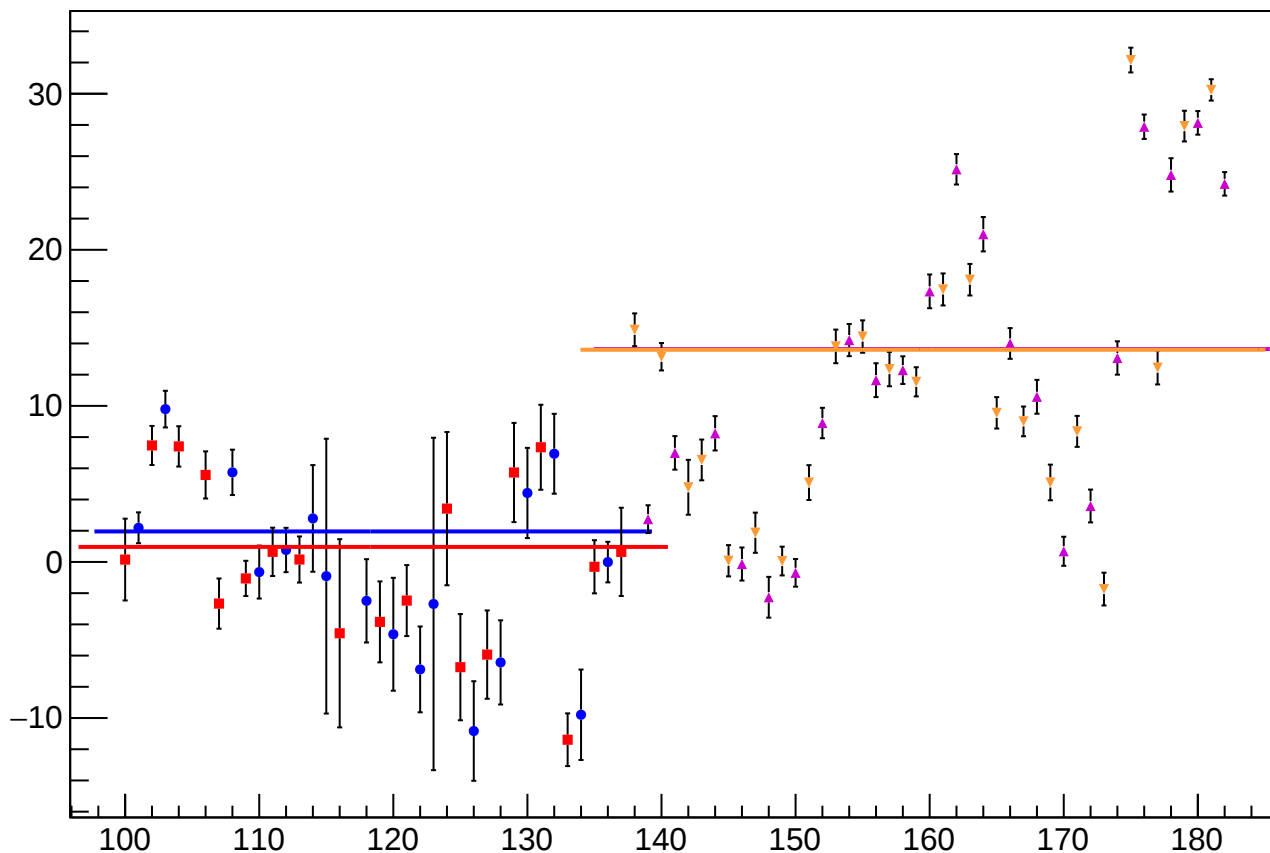
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.935+/-0.210 χ^2/NDF : 3676.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.175+/-0.208 χ^2/NDF : 3439.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -10.057+/-0.148 χ^2/NDF : 7115.8/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.955 ± 0.459 χ^2/NDF : 120.2/16

Left Out: 13.596 ± 0.209 χ^2/NDF : 2325.3/22

Right Out: 0.964 ± 0.425 χ^2/NDF : 149.6/18

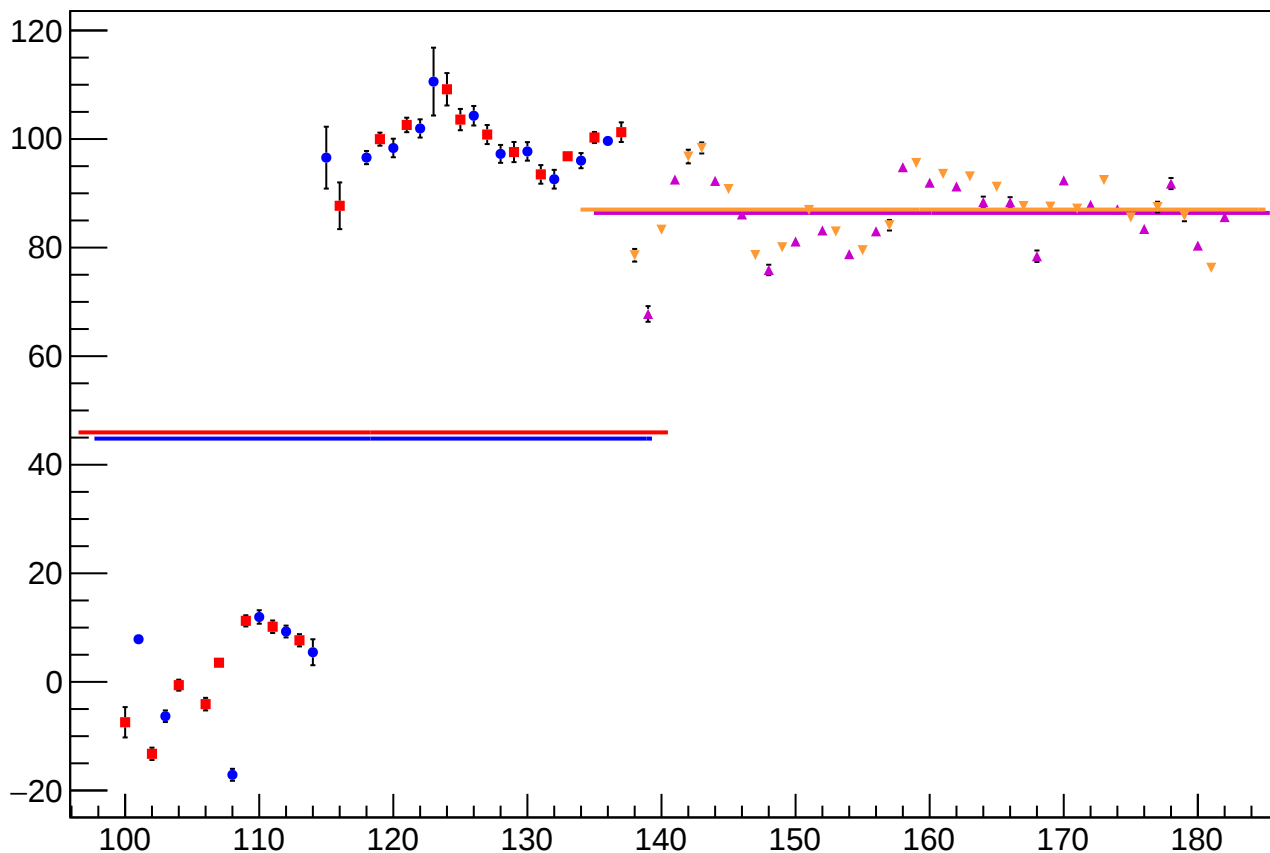
Left In: 13.641 ± 0.207 χ^2/NDF : 2314.9/21

+ sign 11.592 ± 0.191 χ^2/NDF : 2977.2/39

All: 11.397 ± 0.133 χ^2/NDF : 6164.1/80

- sign 11.210 ± 0.186 χ^2/NDF : 3184.9/40

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.818 $\pm$ 0.305 χ^2 /NDF: 24700.1/16

Left Out: 87.005 $\pm$ 0.185 χ^2 /NDF:1055.7/22

Right Out: 45.958 $\pm$ 0.290 χ^2 /NDF: 28216.1/18

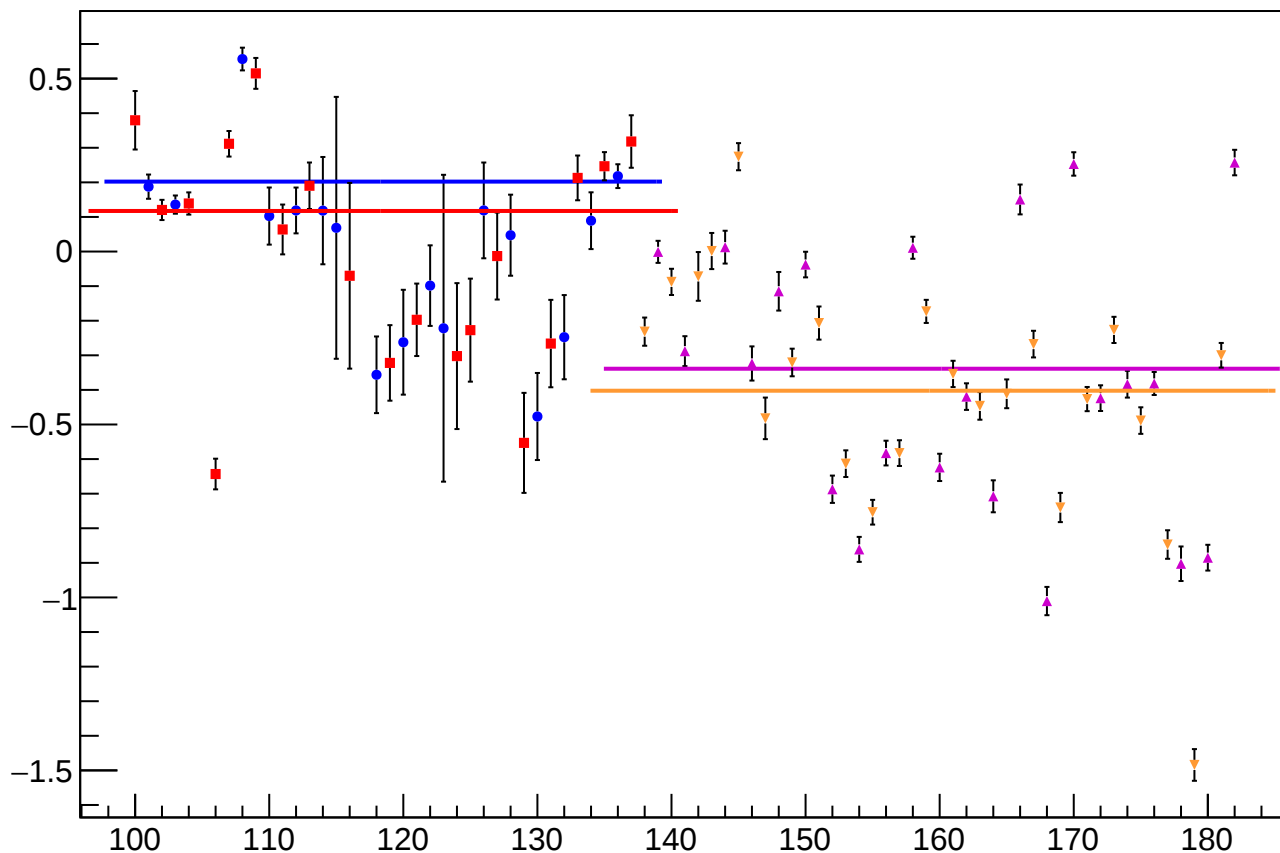
Left In: 86.388 $\pm$ 0.186 χ^2 /NDF:988.9/21

+ sign 75.679 $\pm$ 0.158 χ^2 /NDF: 39751.1/39

All: 75.114 $\pm$ 0.111 χ^2 /NDF: 82757.9/80

- sign 74.559 $\pm$ 0.157 χ^2 /NDF: 42981.5/40

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 215.7/16

Left Out: -0.402 ± 0.008 χ^2/NDF : 1473.3/22

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.1/18

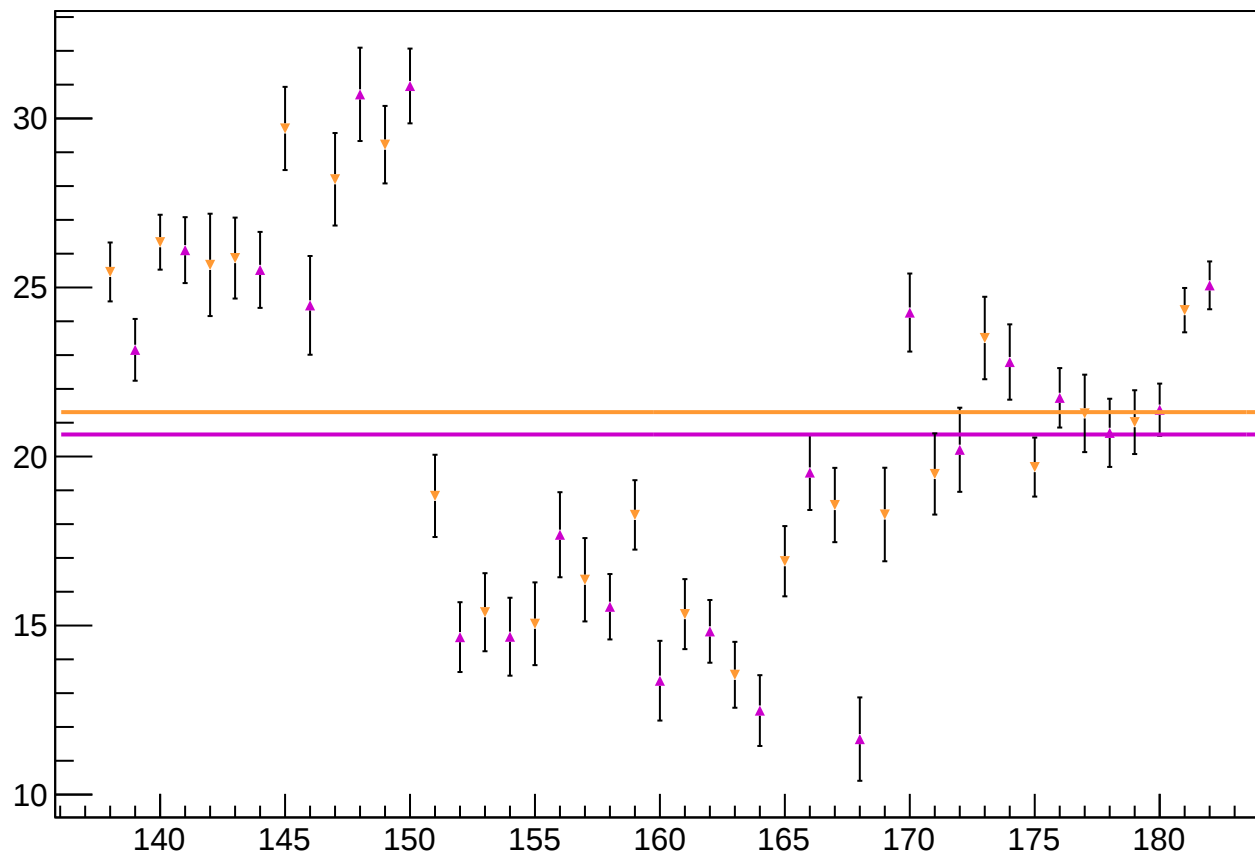
Left In: -0.339 ± 0.008 χ^2/NDF : 2142.5/21

+ sign -0.243 ± 0.007 χ^2/NDF : 3050.0/39

All: -0.225 ± 0.005 χ^2/NDF : 6575.5/80

- sign -0.207 ± 0.007 χ^2/NDF : 3513.2/40

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 21.313+/-0.219 χ^2/NDF :440.9/22

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

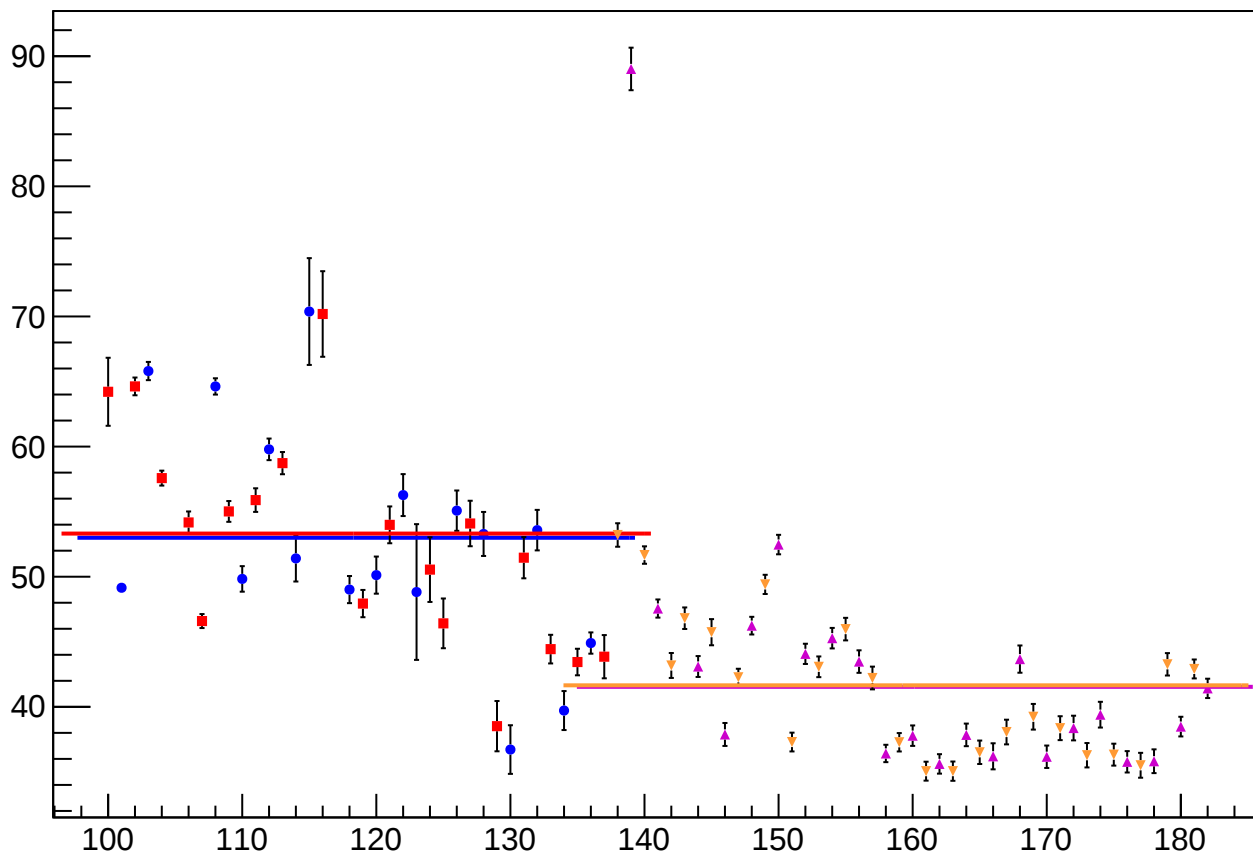
Left In: 20.652+/-0.220 χ^2/NDF :546.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.983+/-0.155 χ^2/NDF : 991.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.994 $\pm$ 0.211 χ^2 /NDF: 1197.9/16

Left Out: 41.654 $\pm$ 0.170 χ^2 /NDF:1007.1/22

Right Out: 53.316 $\pm$ 0.227 χ^2 /NDF: 876.7/18

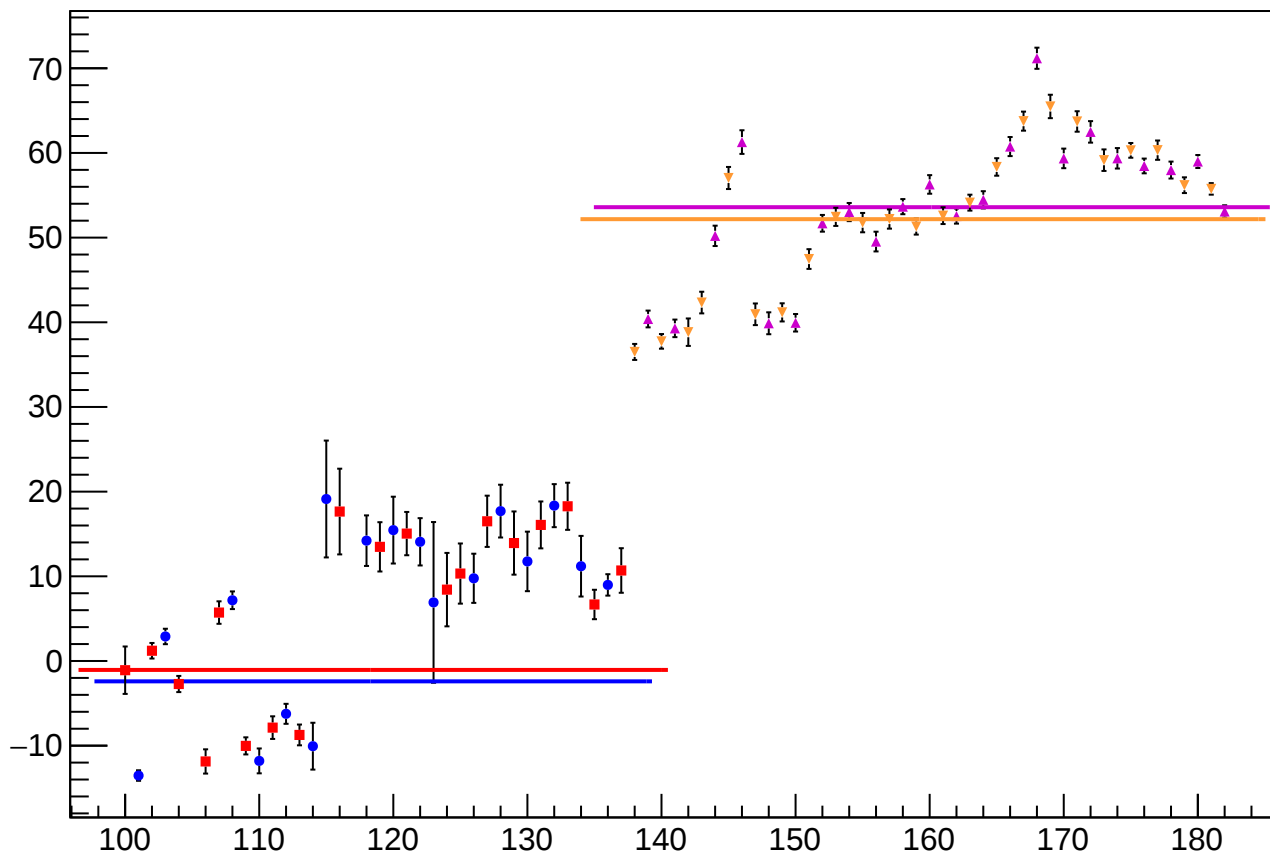
Left In: 41.538 $\pm$ 0.176 χ^2 /NDF:1593.5/21

+ sign 46.129 $\pm$ 0.133 χ^2 /NDF: 3952.8/39

All: 46.044 $\pm$ 0.096 χ^2 /NDF: 8109.7/80

- sign 45.951 $\pm$ 0.139 χ^2 /NDF: 4156.1/40

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.405 ± 0.365 χ^2/NDF : 832.0/16

Left Out: 52.178 ± 0.219 χ^2/NDF : 1439.1/22

Right Out: -1.056 ± 0.377 χ^2/NDF : 505.5/18

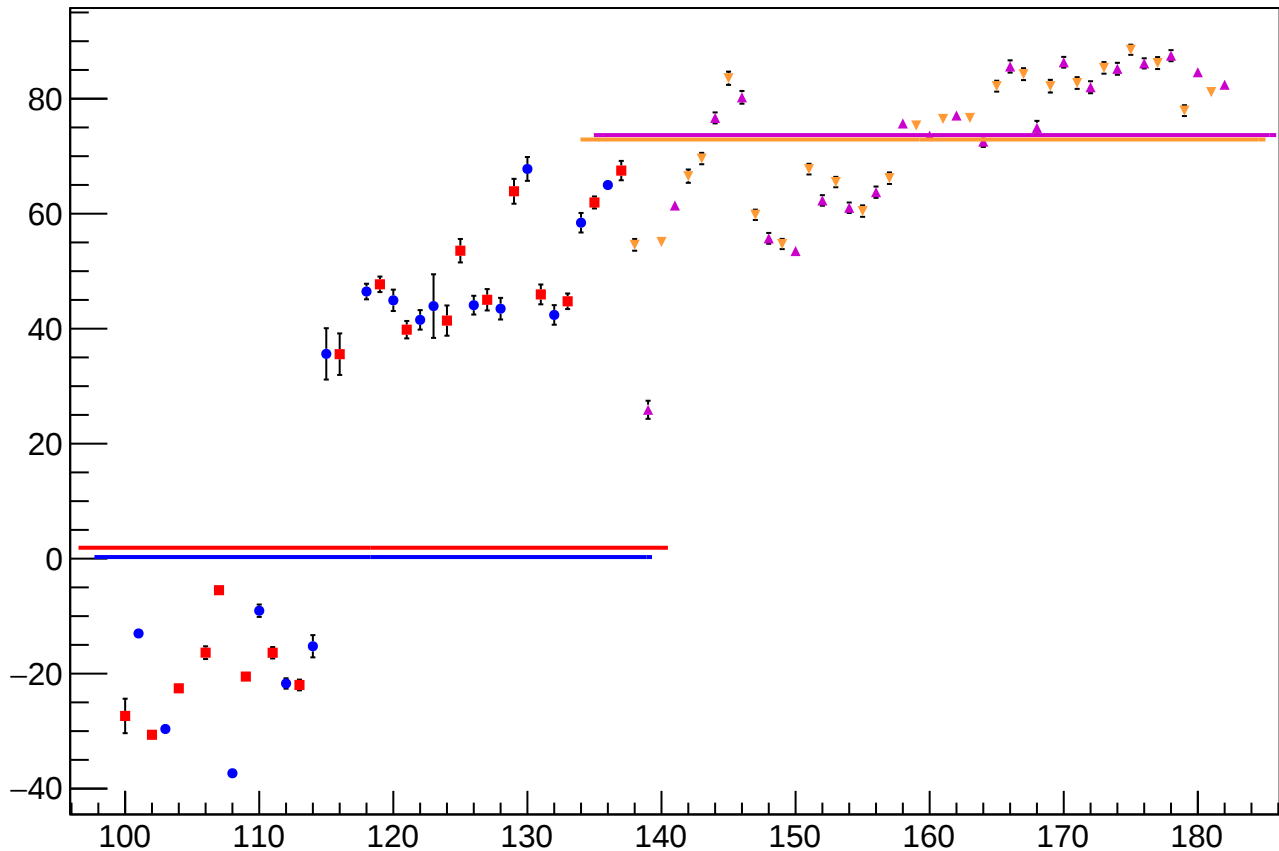
Left In: 53.593 ± 0.218 χ^2/NDF : 1152.8/21

+ sign 37.722 ± 0.188 χ^2/NDF : 18744.5/39

All: 38.790 ± 0.133 χ^2/NDF : 36186.9/80

- sign 39.874 ± 0.189 χ^2/NDF : 17377.1/40

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.275 ± 0.248 χ^2/NDF : 18220.1/16

Left Out: 72.900 ± 0.193 χ^2/NDF : 3065.4/22

Right Out: 1.897 ± 0.267 χ^2/NDF : 15412.8/18

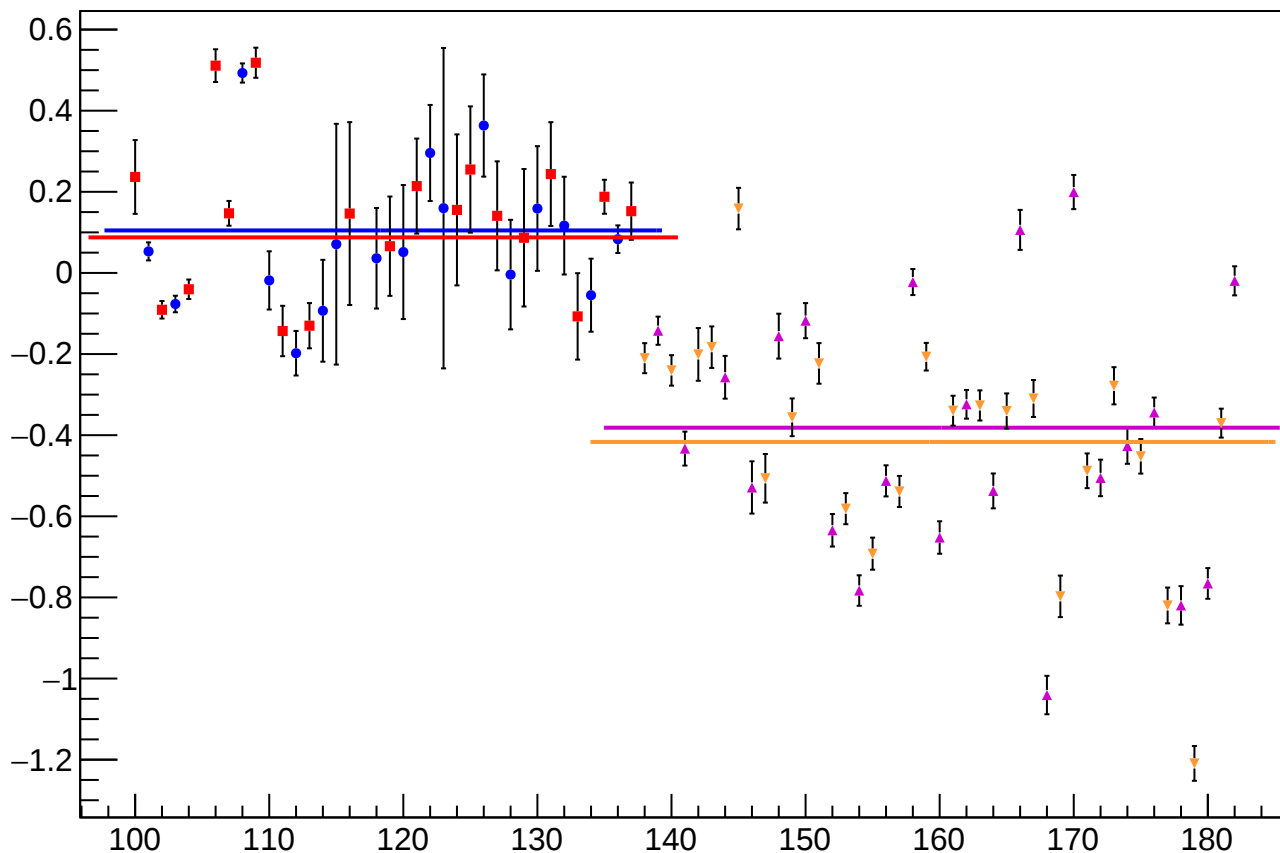
Left In: 73.672 ± 0.196 χ^2/NDF : 3771.9/21

+ sign 45.430 ± 0.152 χ^2/NDF : 74758.5/39

All: 46.872 ± 0.110 χ^2/NDF : 141055.7/80

- sign 48.428 ± 0.158 χ^2/NDF : 66110.8/40

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.417 ± 0.009 χ^2/NDF : 859.6/22

Right Out: 0.088 ± 0.011 χ^2/NDF : 390.7/18

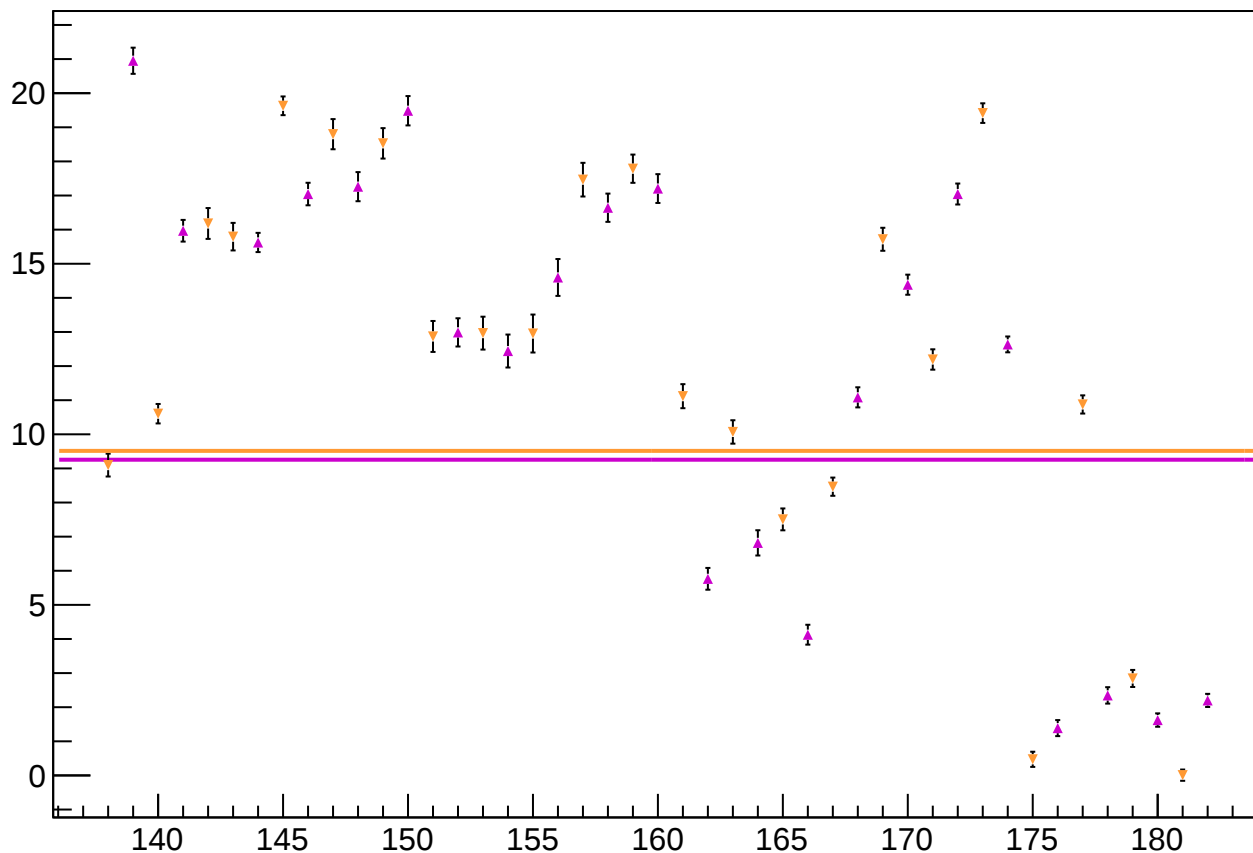
Left In: -0.382 ± 0.009 χ^2/NDF : 1247.1/21

+ sign -0.212 ± 0.007 χ^2/NDF : 2616.1/39

All: -0.205 ± 0.005 χ^2/NDF : 5363.0/80

- sign -0.199 ± 0.007 χ^2/NDF : 2745.0/40

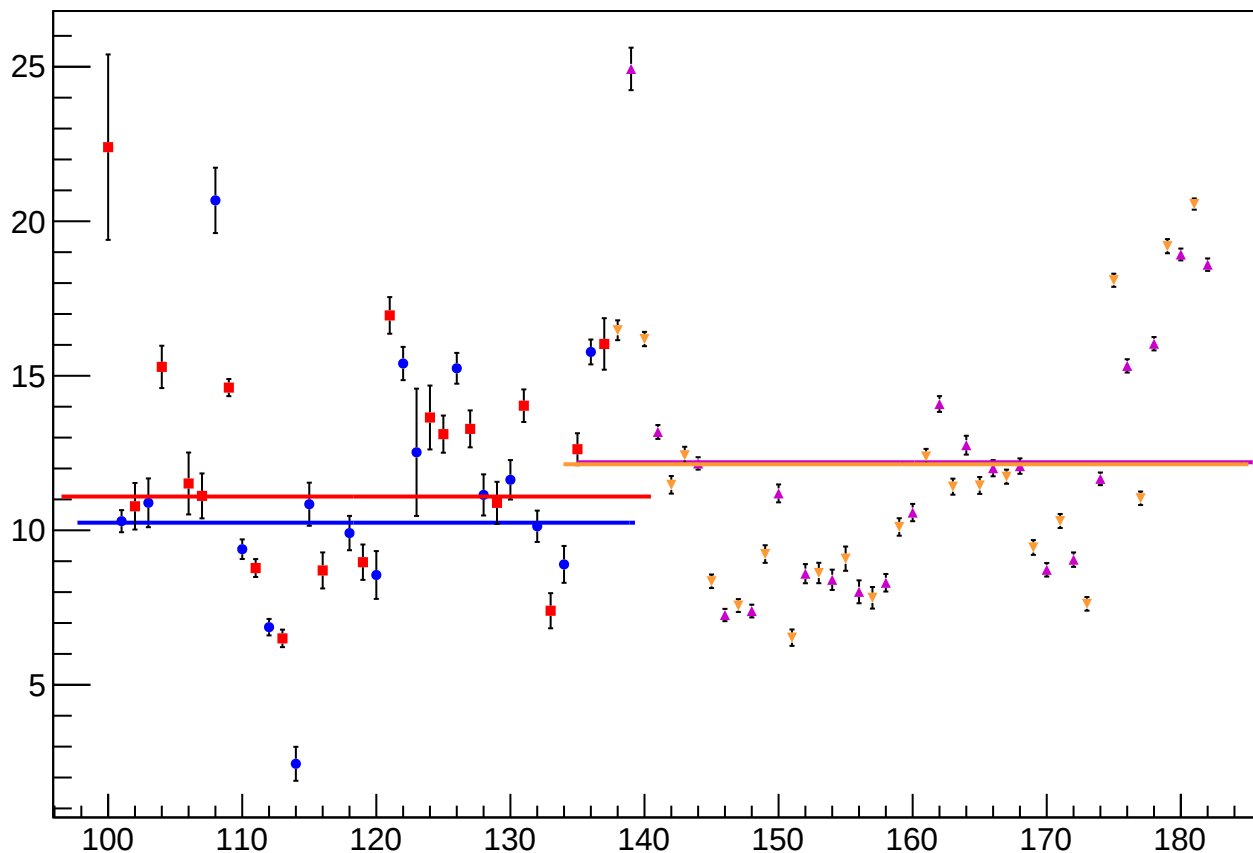
reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.514 $\pm$ 0.065 χ^2 /NDF:10880.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.255 $\pm$ 0.064 χ^2 /NDF:10731.6/21

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 9.383 $\pm$ 0.046 χ^2 /NDF: 21619.9/44
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.246+/-0.120 χ^2/NDF : 866.1/16

Left Out: 12.137+/-0.052 χ^2/NDF : 6729.2/22

Right Out: 11.093+/-0.117 χ^2/NDF : 816.7/18

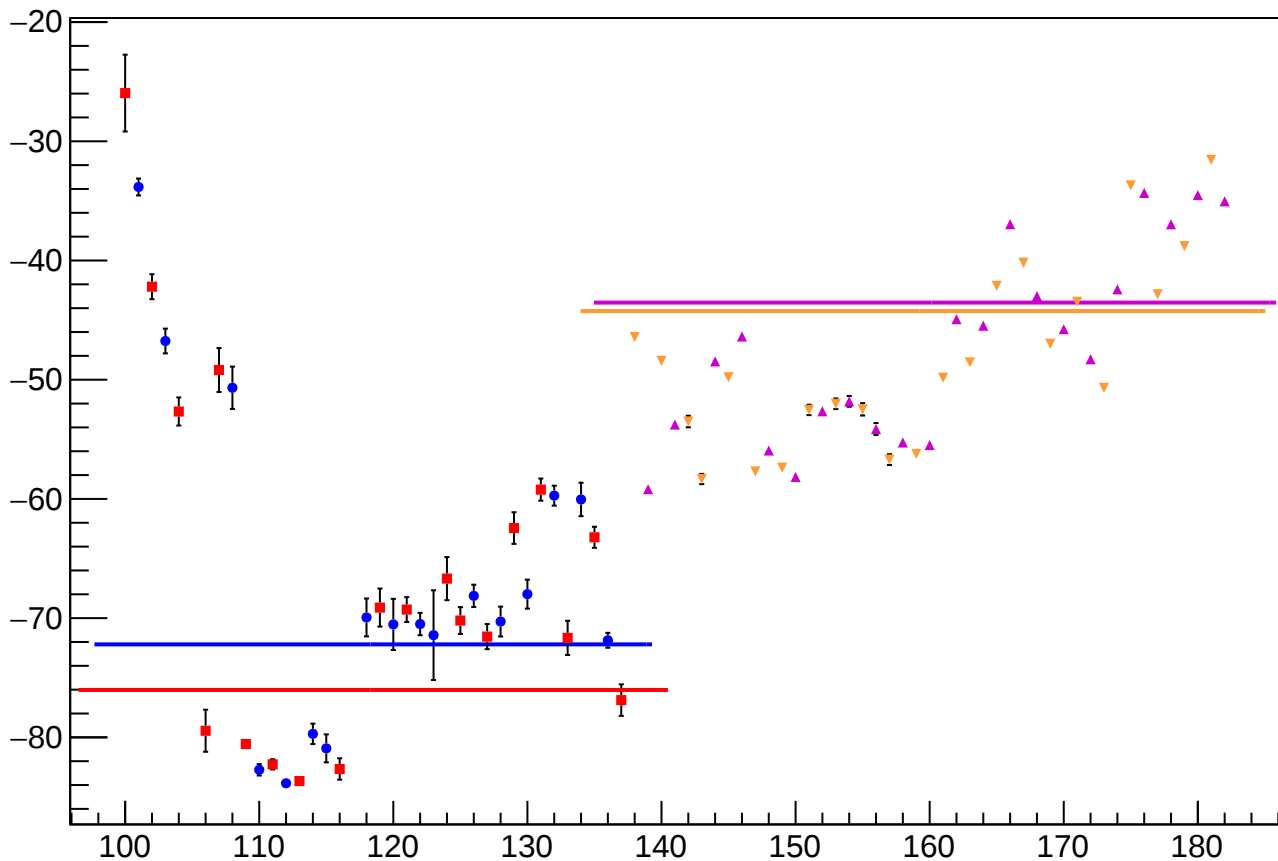
Left In: 12.201+/-0.052 χ^2/NDF : 5406.1/21

+ sign 11.839+/-0.047 χ^2/NDF : 7805.5/39

All: 11.929+/-0.034 χ^2/NDF : 14111.1/80

- sign 12.019+/-0.047 χ^2/NDF : 6298.4/40

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.200 ± 0.198 χ^2/NDF : 5562.7/16

Left Out: -44.240 ± 0.065 χ^2/NDF : 16175.0/22

Right Out: -76.024 ± 0.181 χ^2/NDF : 3459.2/18

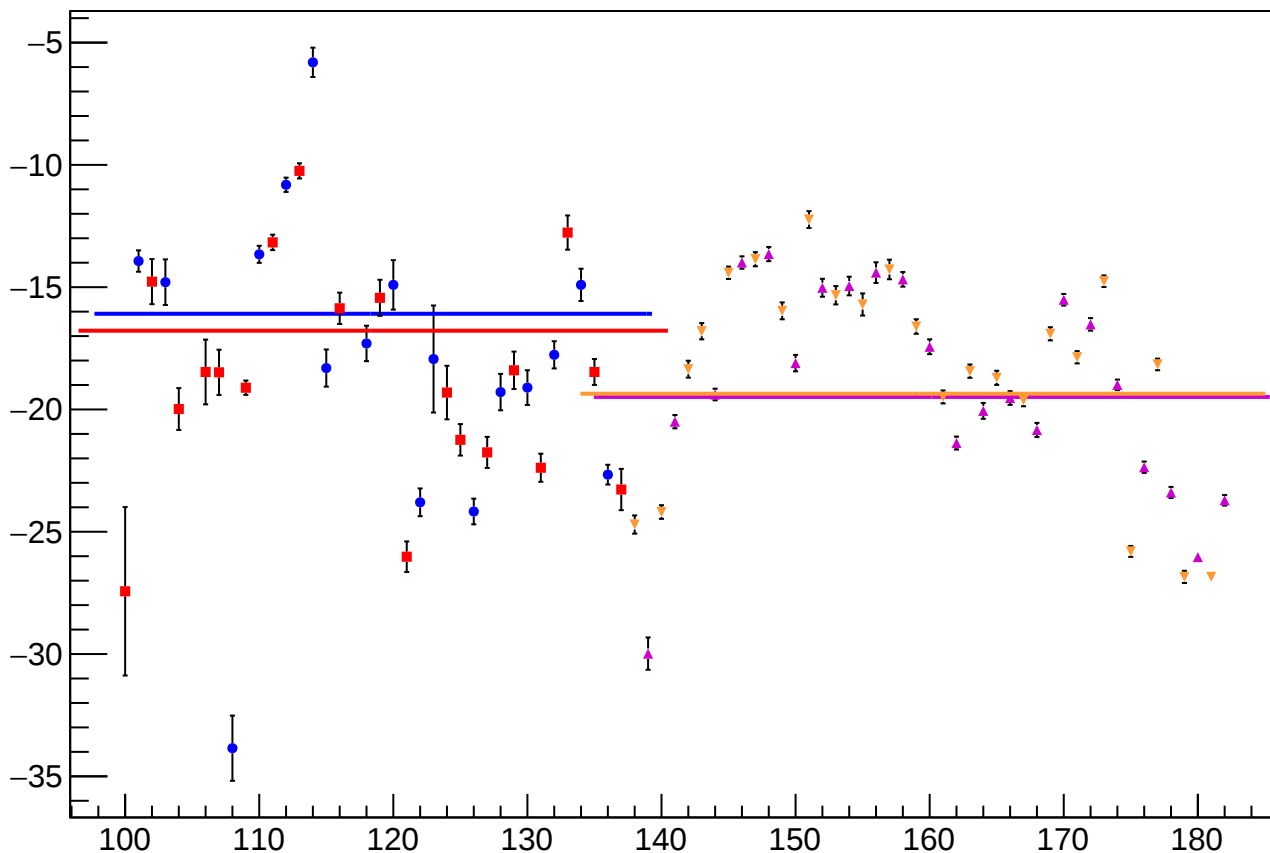
Left In: -43.530 ± 0.064 χ^2/NDF : 15266.7/21

+ sign -46.978 ± 0.062 χ^2/NDF : 39647.1/39

All: -47.072 ± 0.043 χ^2/NDF : 86960.5/80

- sign -47.162 ± 0.061 χ^2/NDF : 47308.9/40

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.087 ± 0.133 χ^2/NDF : 1620.7/16

Left Out: -19.356 ± 0.058 χ^2/NDF : 6009.3/22

Right Out: -16.779 ± 0.128 χ^2/NDF : 1211.2/18

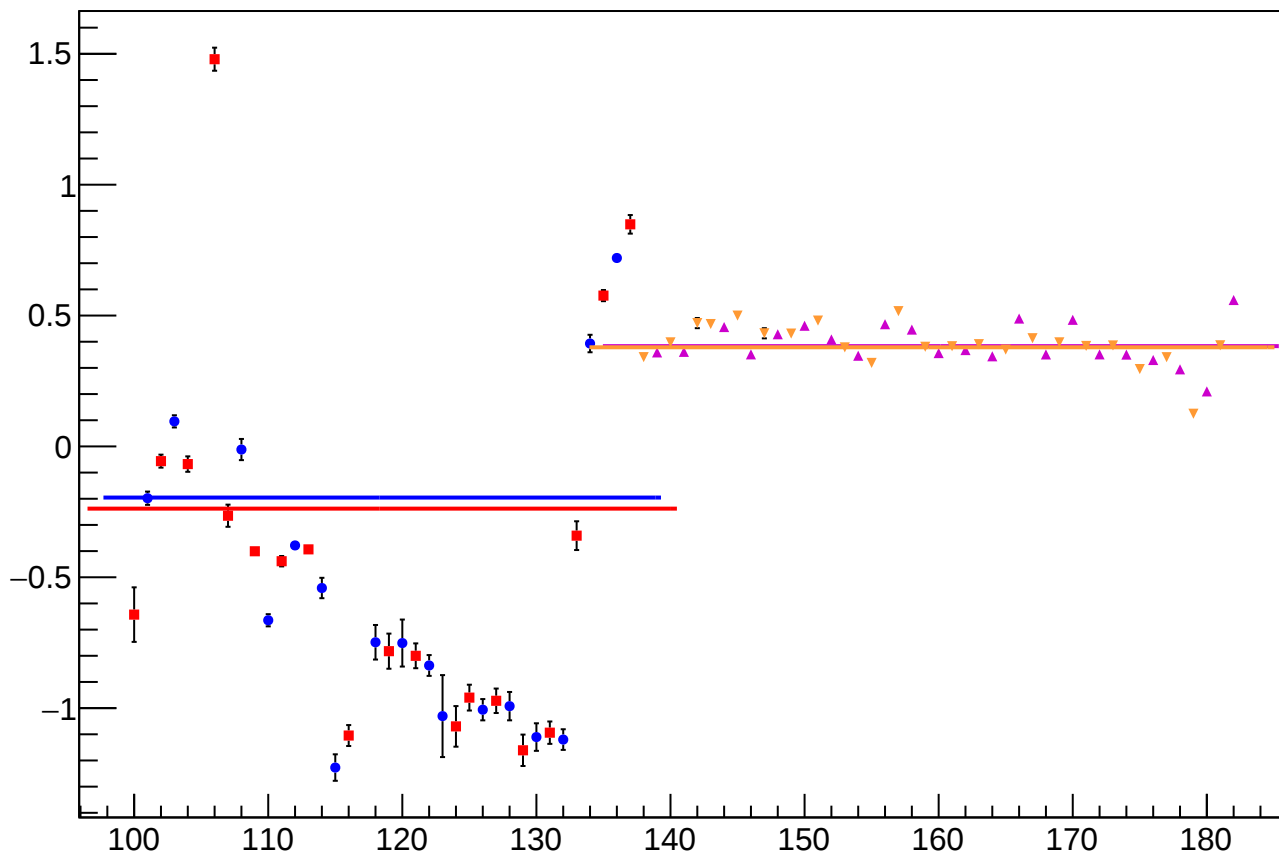
Left In: -19.487 ± 0.058 χ^2/NDF : 4252.4/21

+ sign -18.828 ± 0.053 χ^2/NDF : 8137.8/39

All: -18.929 ± 0.038 χ^2/NDF : 13978.2/80

- sign -19.028 ± 0.053 χ^2/NDF : 5833.3/40

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.195 ± 0.008 χ^2/NDF : 6316.5/16

Left Out: 0.379 ± 0.003 χ^2/NDF : 891.5/22

Right Out: -0.238 ± 0.007 χ^2/NDF : 6176.6/18

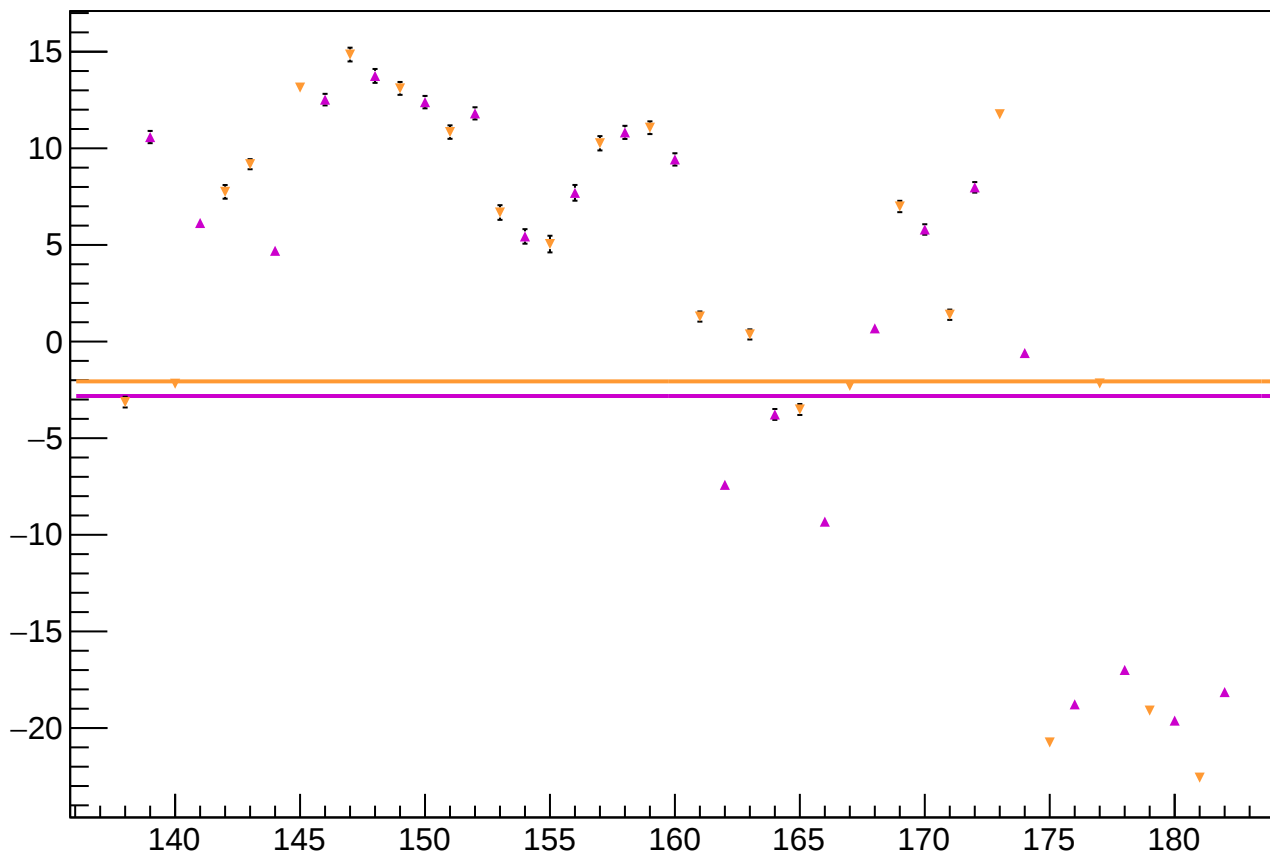
Left In: 0.383 ± 0.003 χ^2/NDF : 1055.7/21

+ sign 0.314 ± 0.003 χ^2/NDF : 12329.6/39

All: 0.311 ± 0.002 χ^2/NDF : 26136.4/80

- sign 0.309 ± 0.002 χ^2/NDF : 13804.5/40

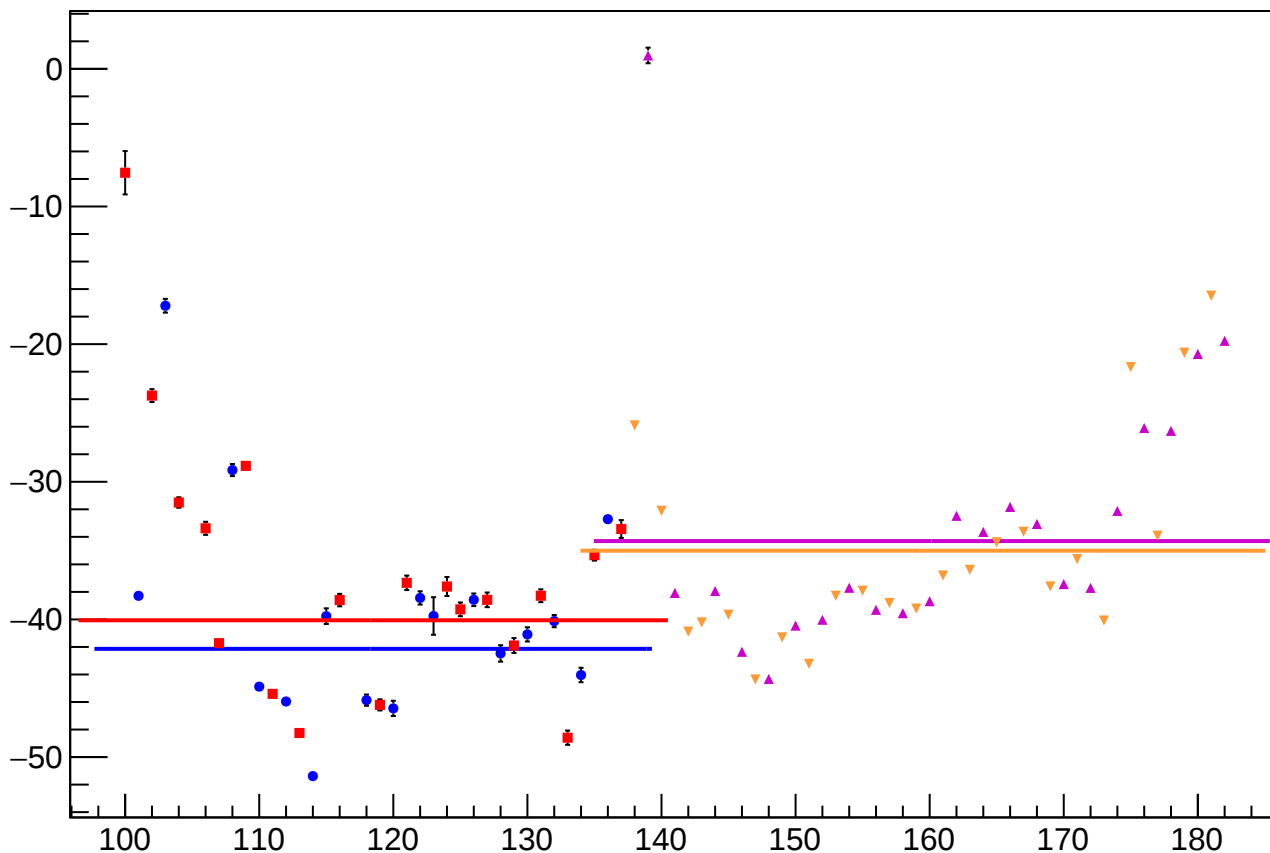
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.060+/-0.055 χ^2/NDF : 50134.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.817+/-0.056 χ^2/NDF : 45659.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.437+/-0.039 χ^2/NDF : 95886.8/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.136 ± 0.078 $\chi^2/\text{NDF}: 6553.2/16$

Left Out: -35.005 ± 0.043 $\chi^2/\text{NDF}: 31094.7/22$

Right Out: -40.062 ± 0.073 $\chi^2/\text{NDF}: 11320.5/18$

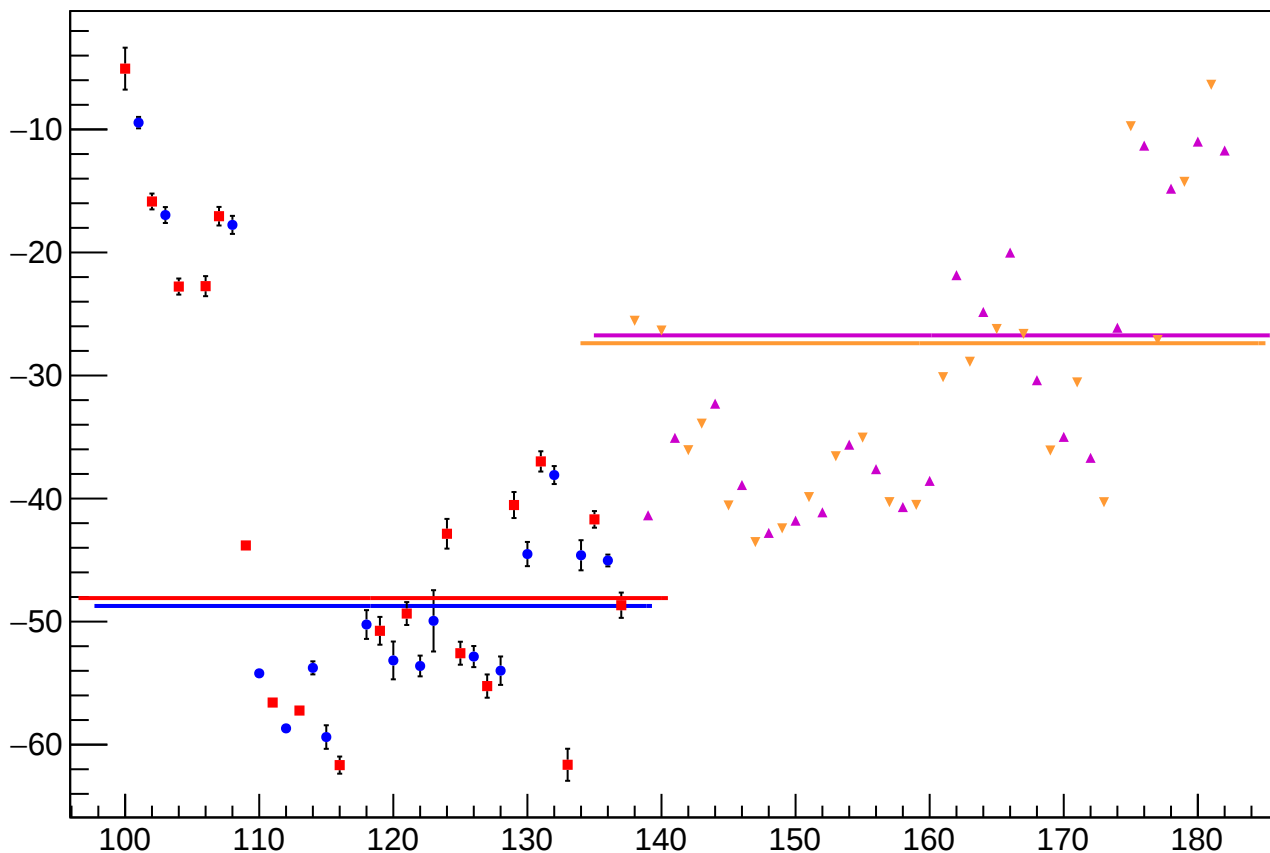
Left In: -34.307 ± 0.044 $\chi^2/\text{NDF}: 27824.7/21$

+ sign -36.673 ± 0.038 $\chi^2/\text{NDF}: 44022.7/39$

All: -36.269 ± 0.027 $\chi^2/\text{NDF}: 87953.8/80$

- sign -35.864 ± 0.038 $\chi^2/\text{NDF}: 43702.1/40$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.729 ± 0.125 χ^2/NDF : 14659.5/16

Left Out: -27.376 ± 0.056 χ^2/NDF : 44226.6/22

Right Out: -48.089 ± 0.107 χ^2/NDF : 11732.9/18

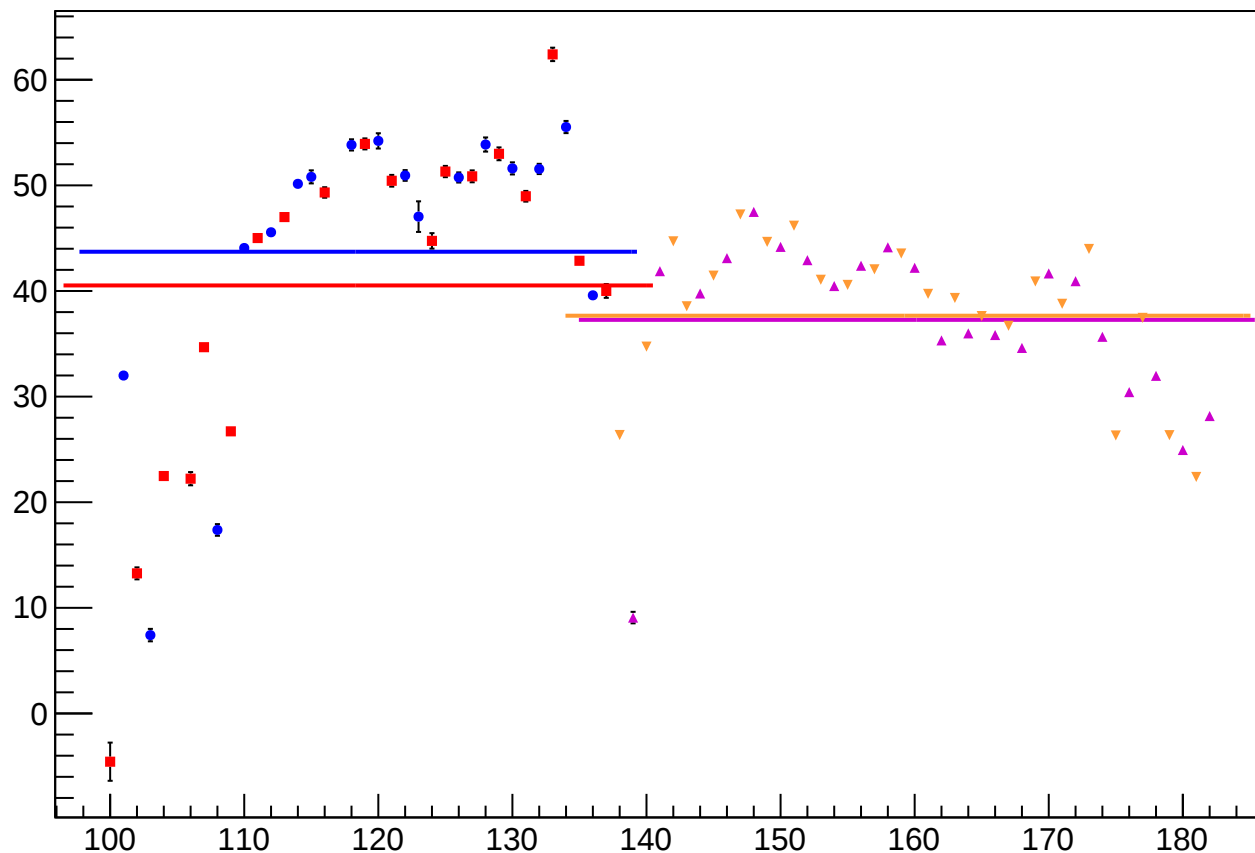
Left In: -26.737 ± 0.056 χ^2/NDF : 42007.2/21

+ sign -30.912 ± 0.051 χ^2/NDF : 83302.6/39

All: -31.088 ± 0.035 χ^2/NDF : 168295.1/80

- sign -31.255 ± 0.049 χ^2/NDF : 84969.0/40

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.716 $\pm$ 0.087 χ^2/NDF : 10564.2/16

Left Out: 37.659 $\pm$ 0.049 χ^2/NDF : 20224.5/22

Right Out: 40.525 $\pm$ 0.080 χ^2/NDF : 17578.6/18

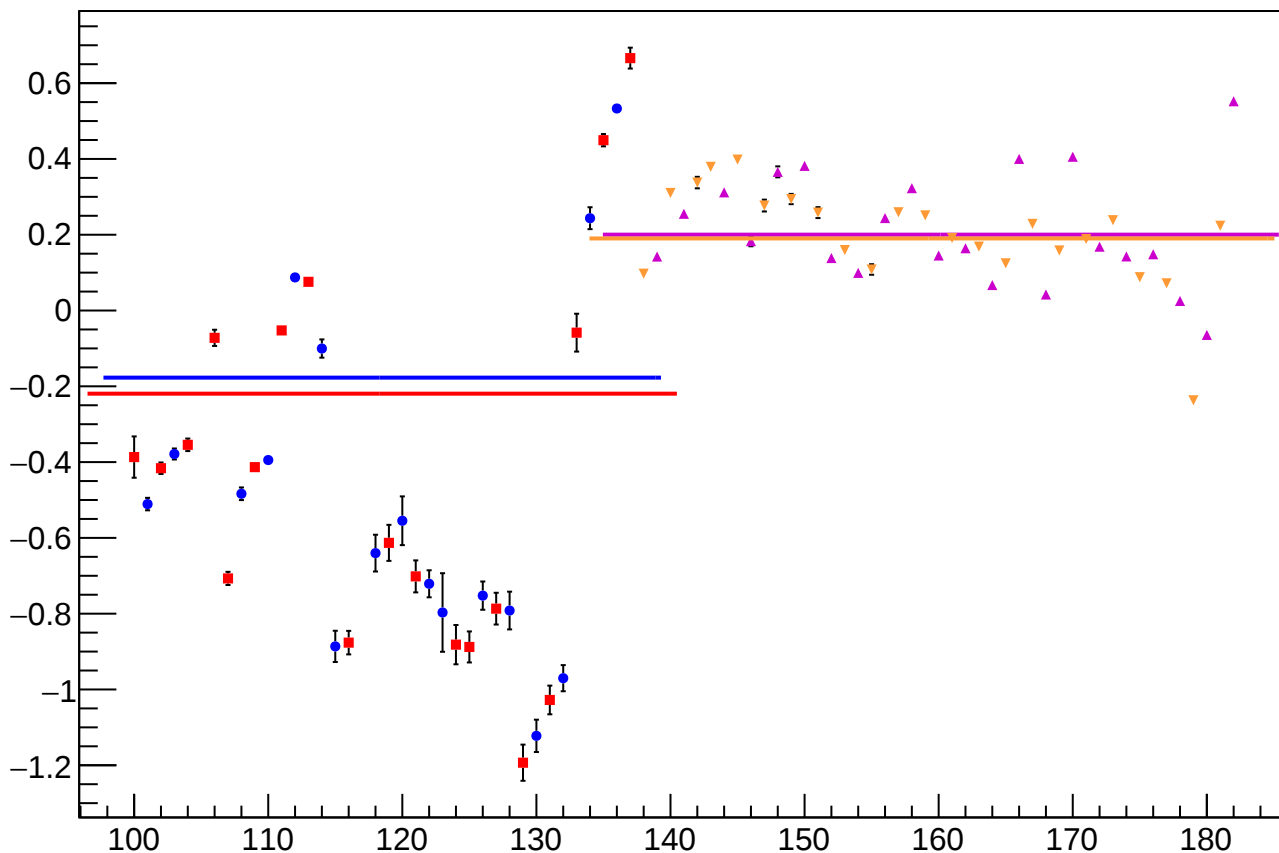
Left In: 37.266 $\pm$ 0.050 χ^2/NDF : 17021.4/21

+ sign 39.113 $\pm$ 0.043 χ^2/NDF : 34469.7/39

All: 38.638 $\pm$ 0.030 χ^2/NDF : 70507.5/80

- sign 38.171 $\pm$ 0.042 χ^2/NDF : 35791.4/40

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7353.5/16

Left Out: 0.190 ± 0.002 χ^2/NDF : 3255.5/22

Right Out: -0.219 ± 0.004 χ^2/NDF : 7417.3/18

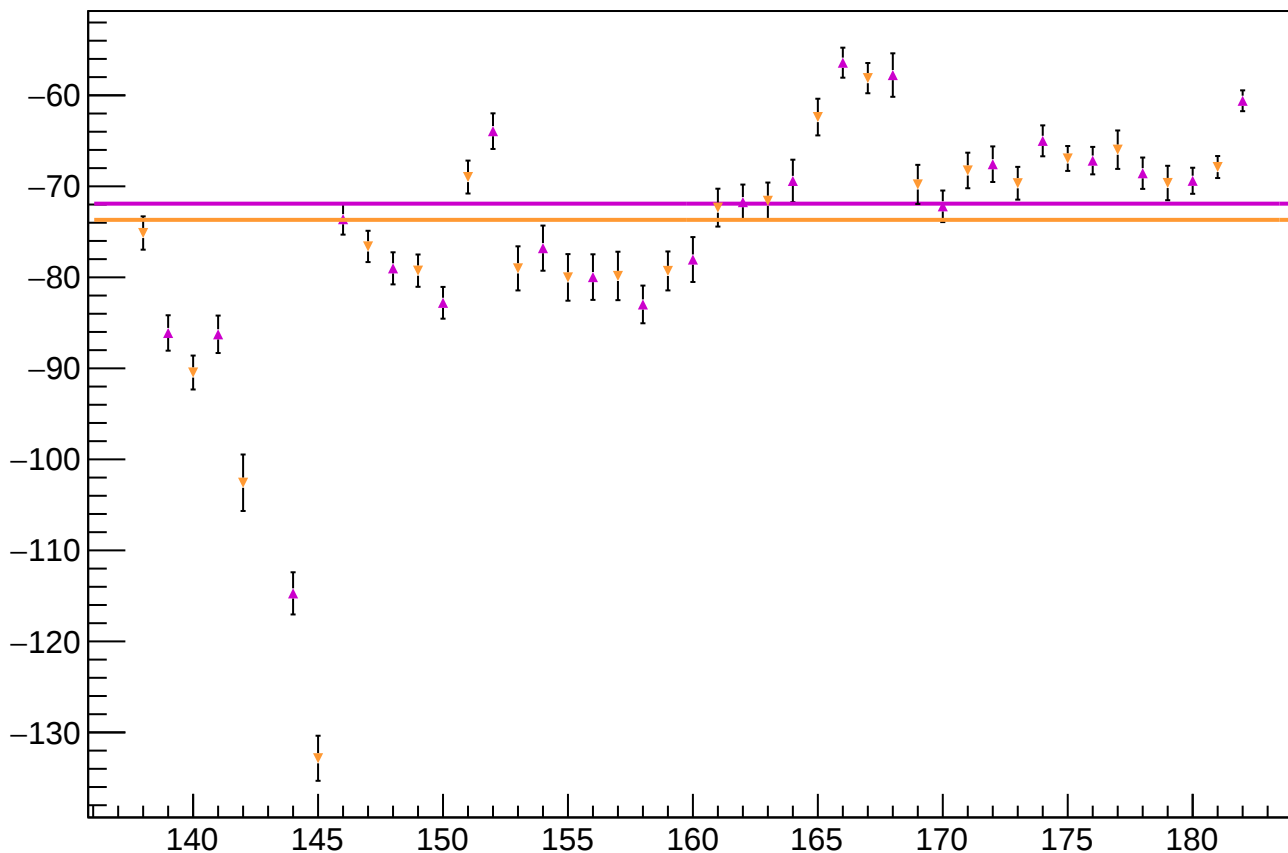
Left In: 0.200 ± 0.002 χ^2/NDF : 4417.7/21

+ sign 0.124 ± 0.002 χ^2/NDF : 15320.6/39

All: 0.116 ± 0.001 χ^2/NDF : 34621.4/80

- sign 0.109 ± 0.002 χ^2/NDF : 19272.2/40

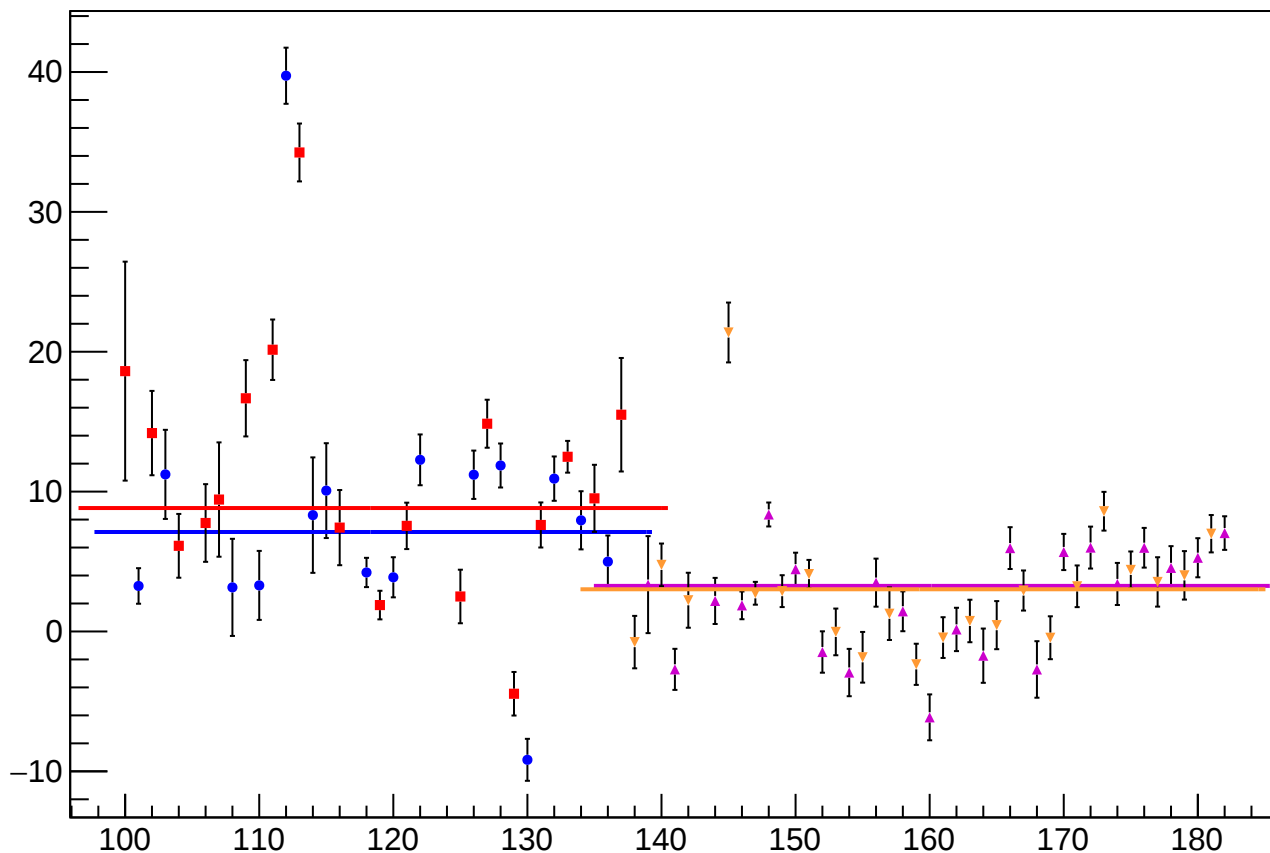
reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.684+/-0.405 χ^2/NDF : 984.1/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -71.904+/-0.388 χ^2/NDF : 825.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -72.757+/-0.280 χ^2/NDF : 1819.4/43
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.112 ± 0.440 χ^2/NDF : 440.4/15

Left Out: 3.016 ± 0.305 χ^2/NDF : 146.9/21

Right Out: 8.824 ± 0.449 χ^2/NDF : 349.7/17

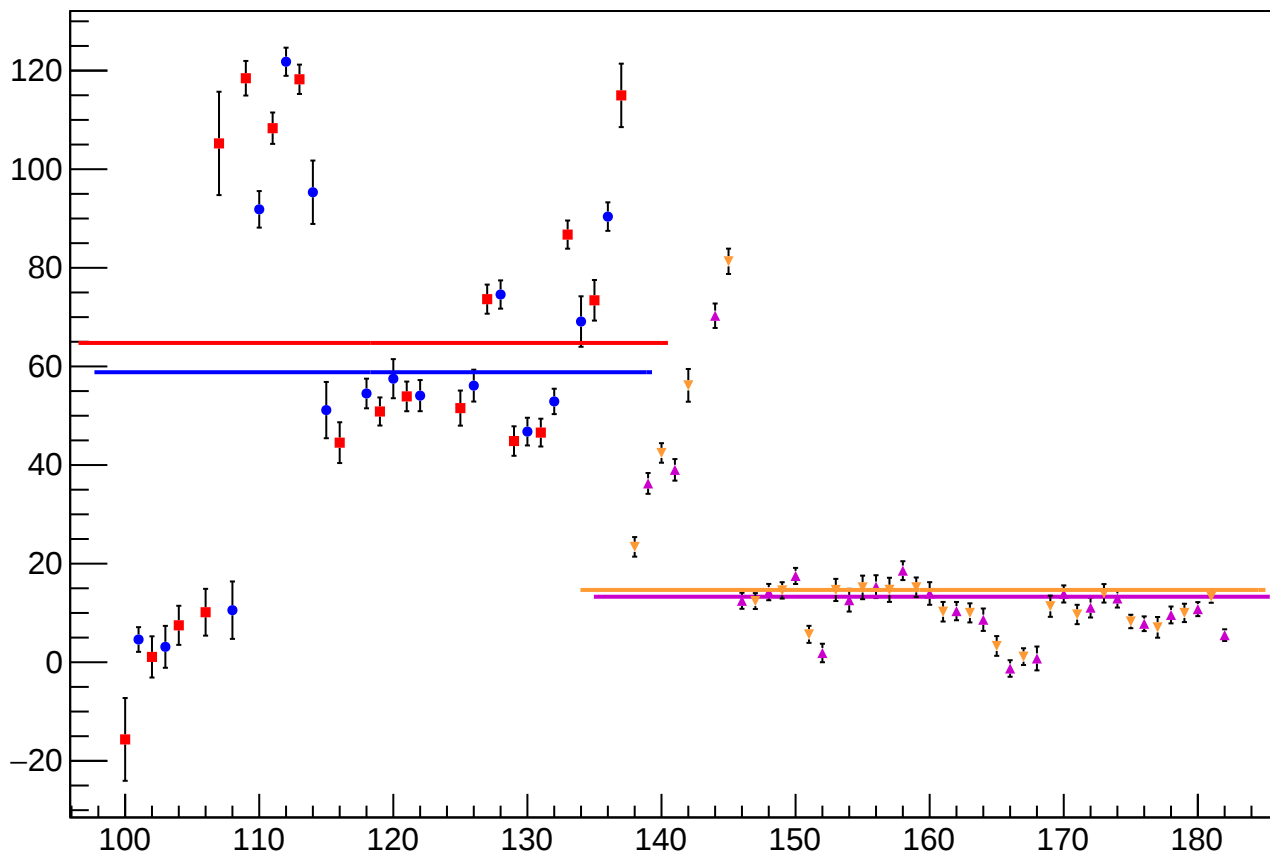
Left In: 3.259 ± 0.302 χ^2/NDF : 159.4/21

+ sign 4.343 ± 0.251 χ^2/NDF : 645.9/37

All: 4.667 ± 0.177 χ^2/NDF : 1264.3/77

- sign 4.991 ± 0.250 χ^2/NDF : 615.1/39

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.825 ± 0.839 χ^2/NDF : 1491.4/15

Left Out: 14.671 ± 0.402 χ^2/NDF : 1231.7/21

Right Out: 64.764 ± 0.842 χ^2/NDF : 1718.6/17

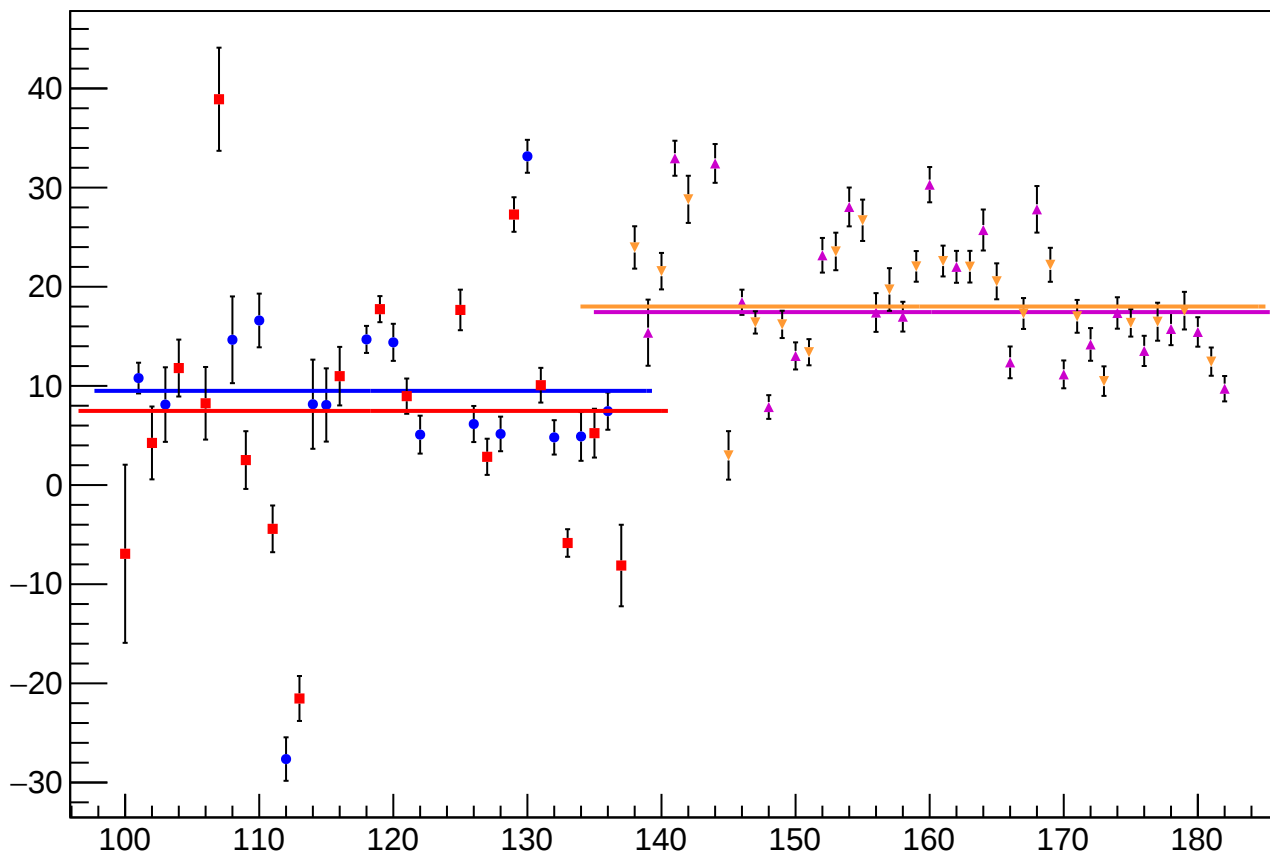
Left In: 13.290 ± 0.386 χ^2/NDF : 1013.1/21

+ sign 22.919 ± 0.362 χ^2/NDF : 4977.7/37

All: 22.562 ± 0.252 χ^2/NDF : 10801.1/77

- sign 22.228 ± 0.351 χ^2/NDF : 5821.5/39

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.499 ± 0.508 χ^2/NDF : 547.2/15

Left Out: 18.006 ± 0.350 χ^2/NDF : 185.8/21

Right Out: 7.477 ± 0.516 χ^2/NDF : 566.9/17

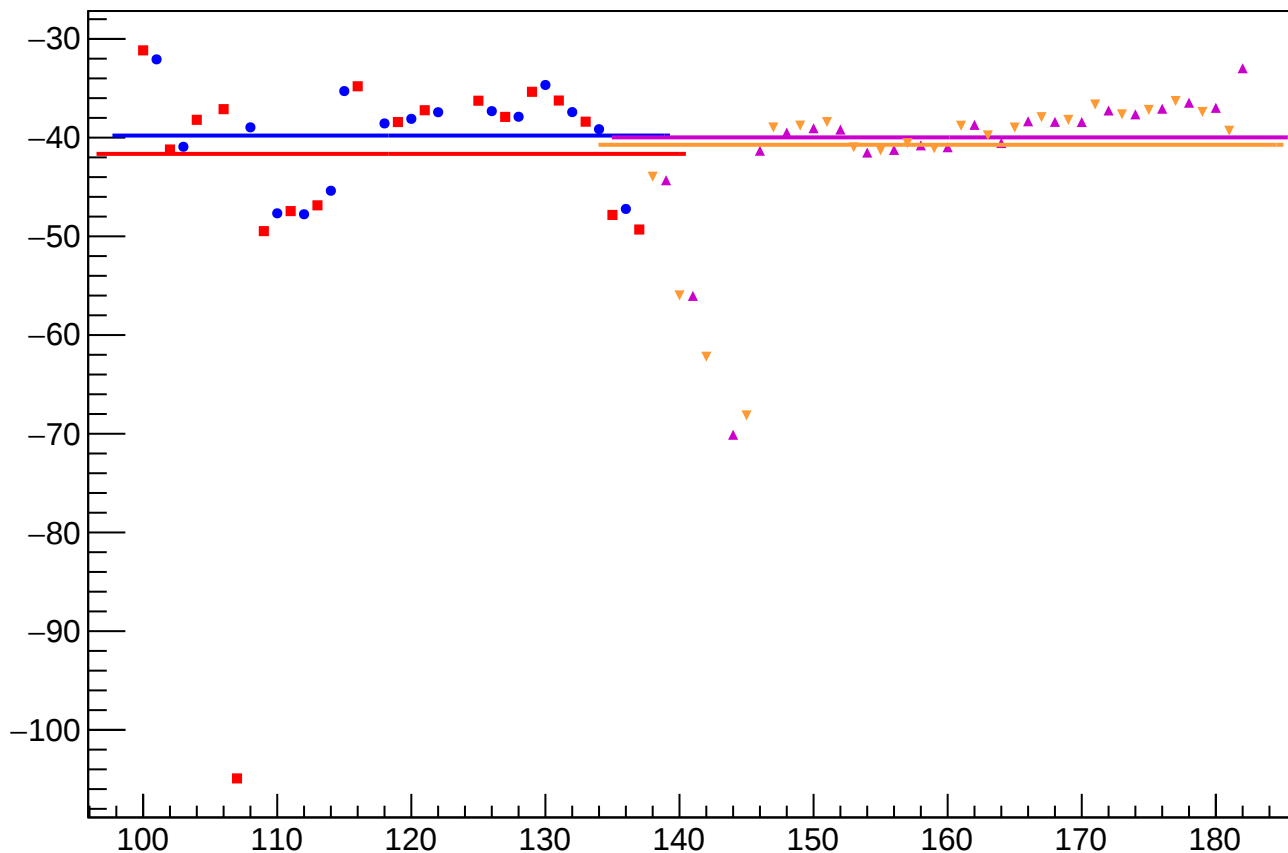
Left In: 17.443 ± 0.344 χ^2/NDF : 427.3/21

+ sign 15.261 ± 0.288 χ^2/NDF : 923.2/37

All: 14.817 ± 0.203 χ^2/NDF : 2180.5/77

- sign 14.380 ± 0.286 χ^2/NDF : 1252.6/39

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.790 $\pm$ 0.031 χ^2 /NDF: 26103.4/15

Left Out: -40.724 $\pm$ 0.017 χ^2 /NDF:150739.6/21

Right Out: -41.646 $\pm$ 0.031 χ^2 /NDF: 94375.5/17

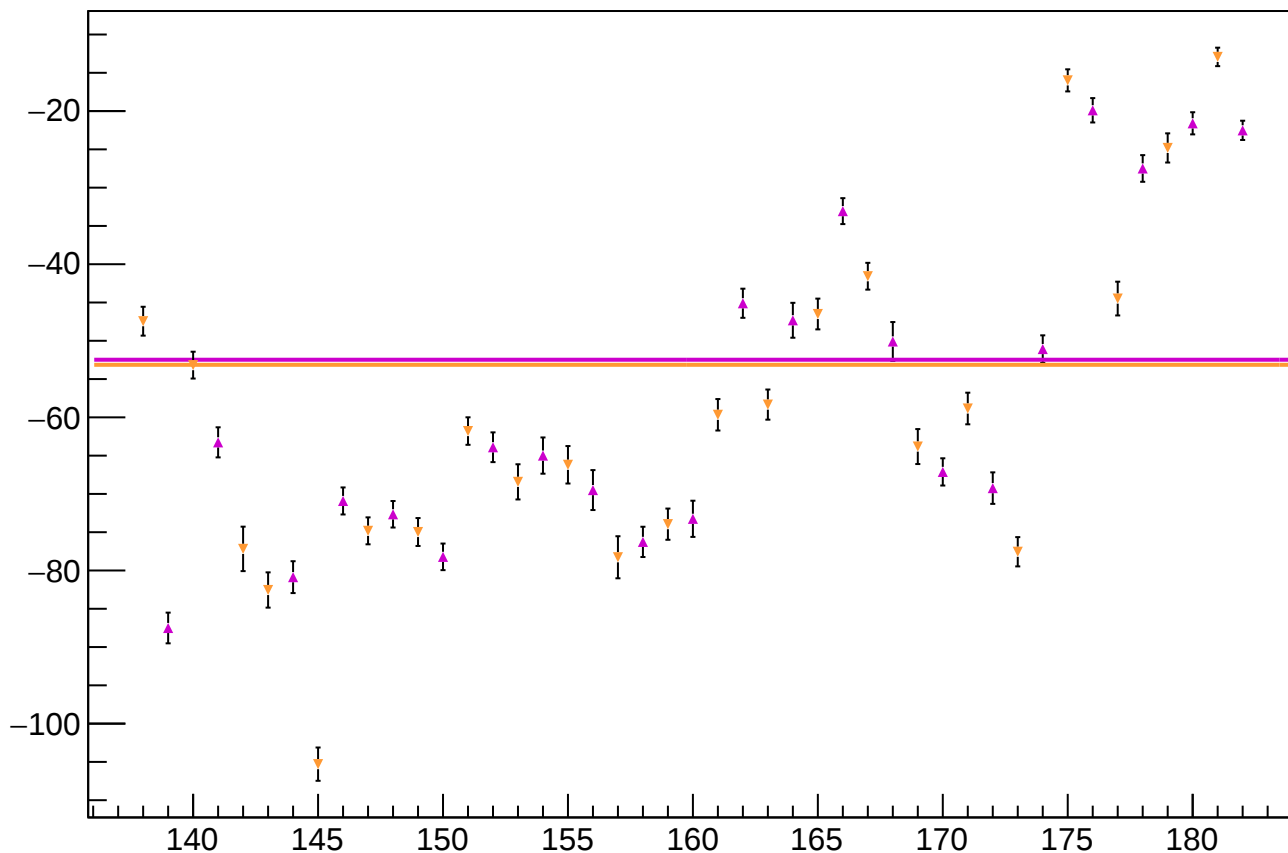
Left In: -39.975 $\pm$ 0.016 χ^2 /NDF:139278.7/21

+ sign -40.521 $\pm$ 0.015 χ^2 /NDF: 177541.3/37

All: -40.416 $\pm$ 0.010 χ^2 /NDF: 413568.5/77

- sign -40.317 $\pm$ 0.014 χ^2 /NDF: 235926.7/39

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -53.137+/-0.401 χ^2/NDF : 3670.2/22

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

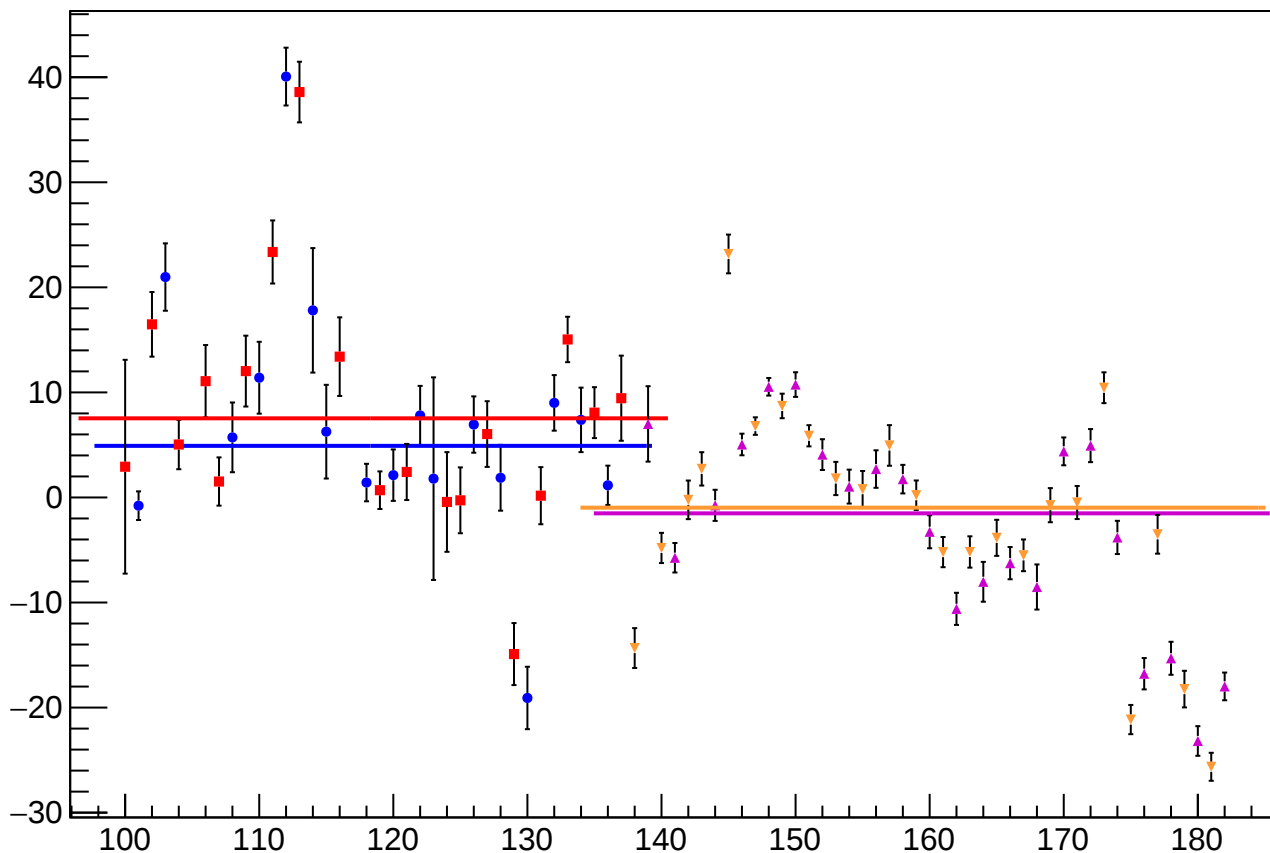
Left In: -52.474+/-0.395 χ^2/NDF : 3250.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.800+/-0.281 χ^2/NDF : 6922.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.912 ± 0.629 $\chi^2/\text{NDF}: 294.3/16$

Left Out: -0.973 ± 0.300 $\chi^2/\text{NDF}: 1191.2/22$

Right Out: 7.532 ± 0.651 $\chi^2/\text{NDF}: 270.5/18$

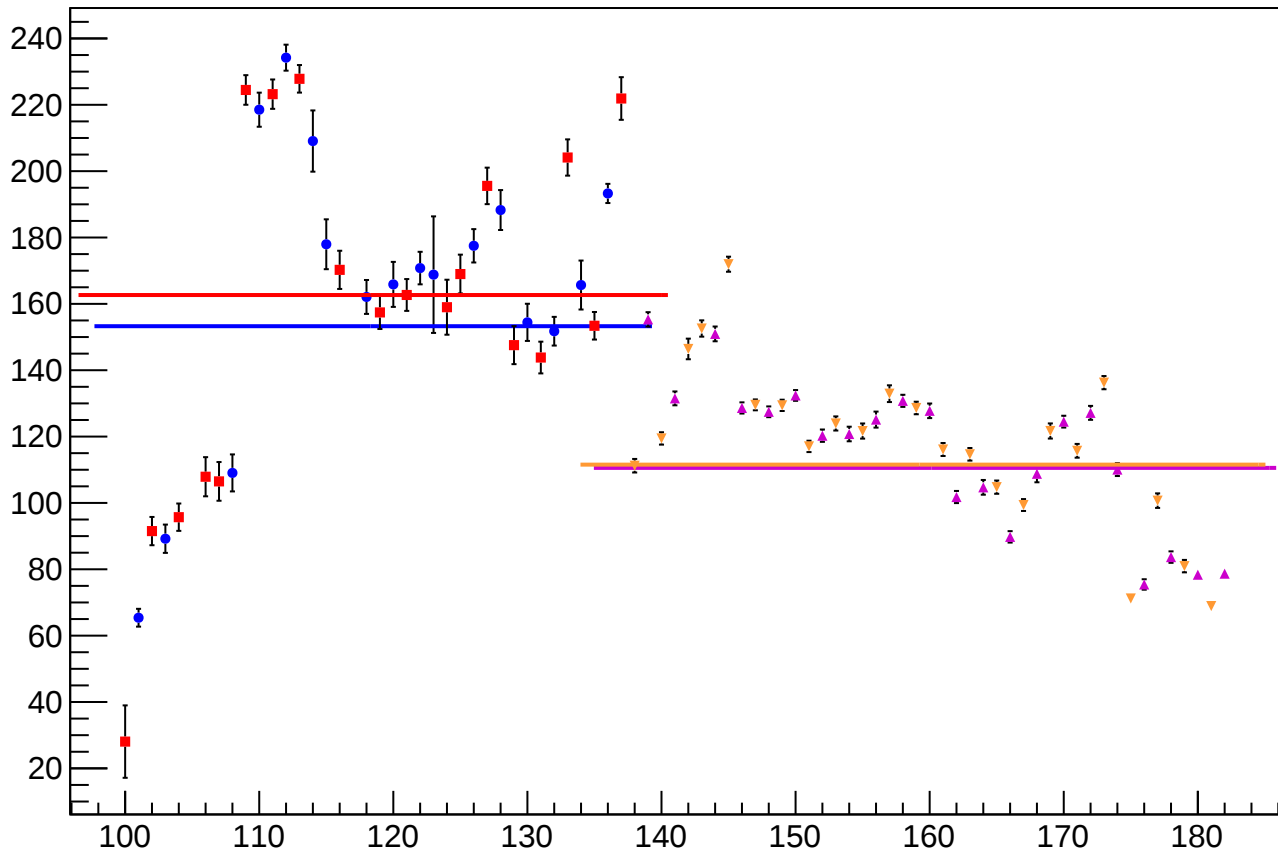
Left In: -1.512 ± 0.303 $\chi^2/\text{NDF}: 1080.8/21$

+ sign 0.122 ± 0.271 $\chi^2/\text{NDF}: 1556.9/39$

All: 0.109 ± 0.193 $\chi^2/\text{NDF}: 3066.7/80$

- sign 0.097 ± 0.275 $\chi^2/\text{NDF}: 1509.8/40$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.268 ± 1.152 $\chi^2/\text{NDF}: 2266.2/16$

Left Out: 111.545 ± 0.399 $\chi^2/\text{NDF}: 4051.6/22$

Right Out: 162.664 ± 1.179 $\chi^2/\text{NDF}: 1708.8/18$

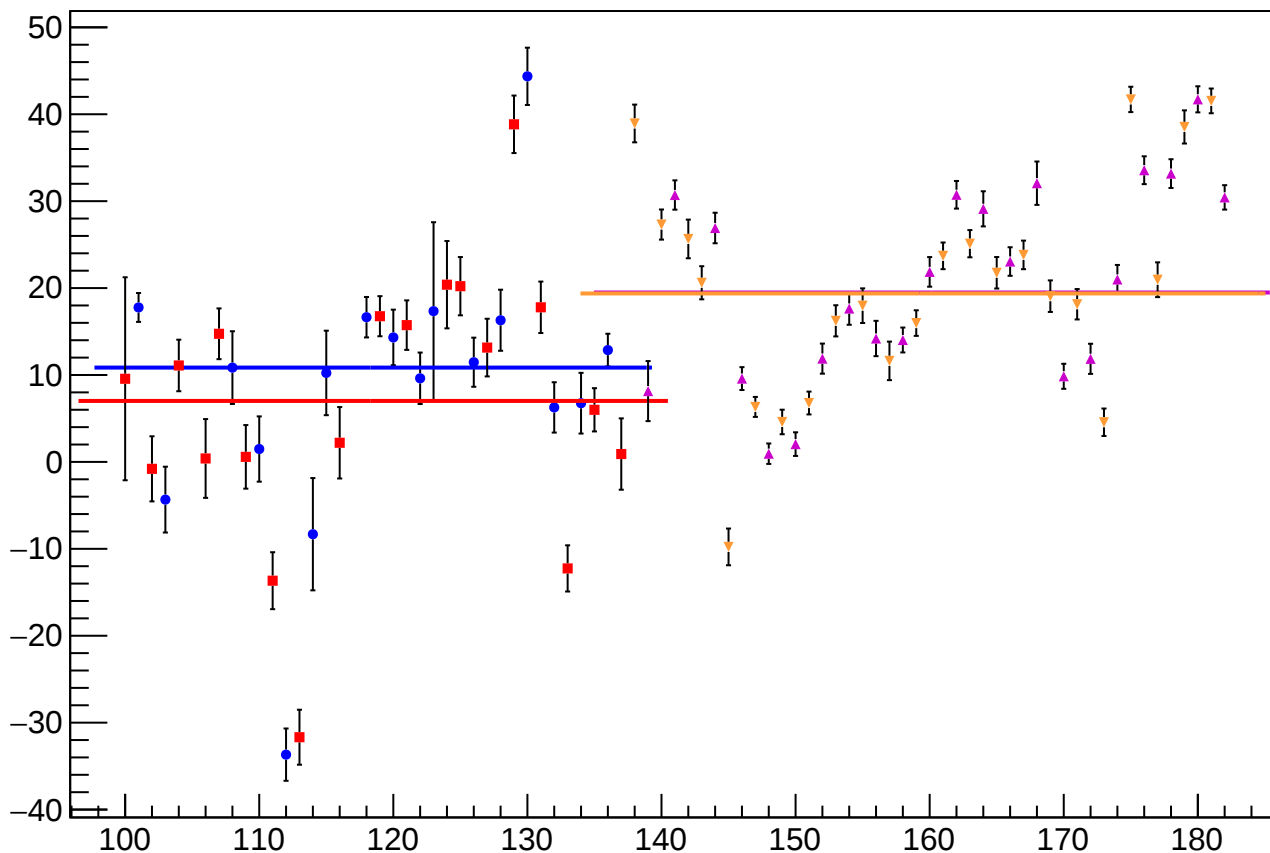
Left In: 110.563 ± 0.391 $\chi^2/\text{NDF}: 3665.0/21$

+ sign 116.017 ± 0.377 $\chi^2/\text{NDF}: 7489.1/39$

All: 115.874 ± 0.265 $\chi^2/\text{NDF}: 14623.5/80$

- sign 115.735 ± 0.371 $\chi^2/\text{NDF}: 7134.1/40$

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.853 $\pm$ 0.721 χ^2 /NDF: 386.3/16

Left Out: 19.380 $\pm$ 0.346 χ^2 /NDF:1350.4/22

Right Out: 7.016 $\pm$ 0.749 χ^2 /NDF: 423.3/18

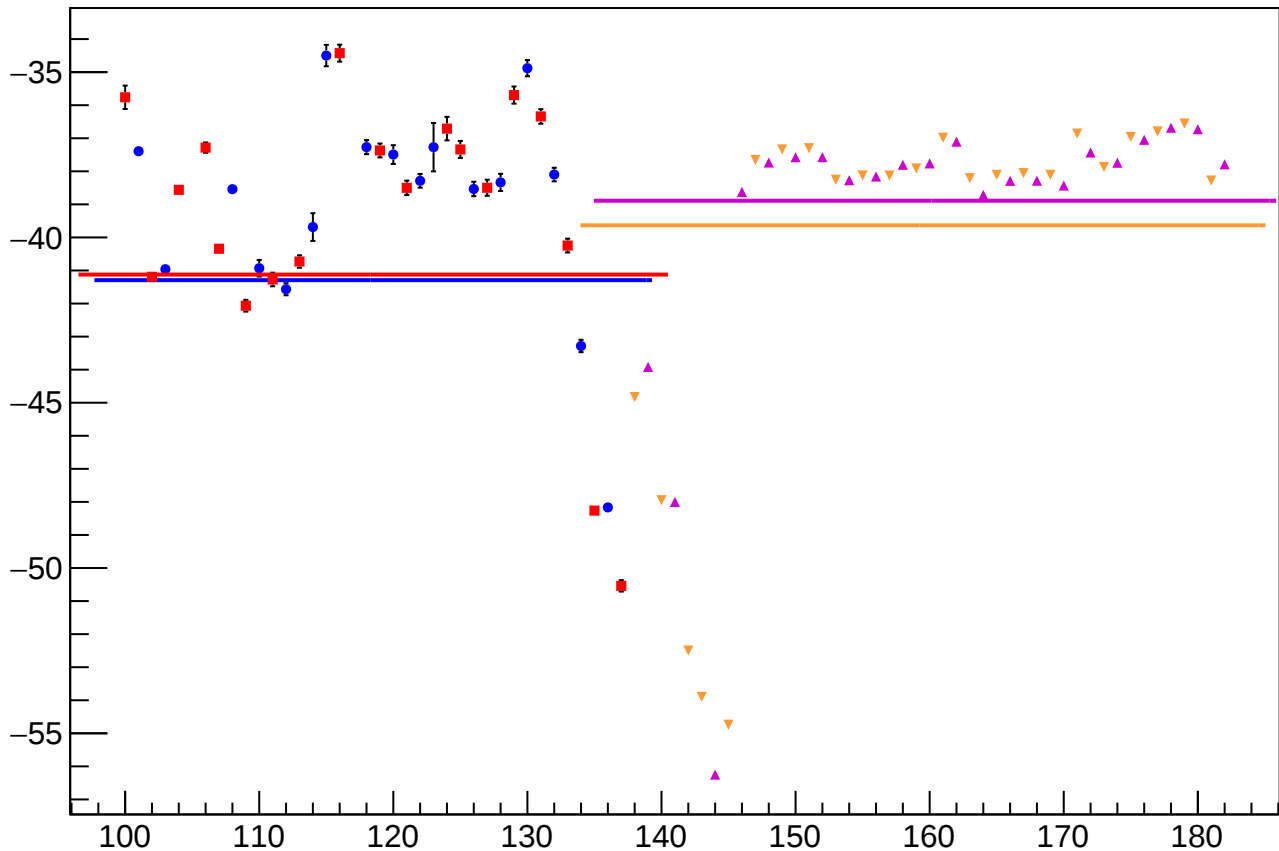
Left In: 19.493 $\pm$ 0.346 χ^2 /NDF:1180.7/21

+ sign 17.781 $\pm$ 0.312 χ^2 /NDF: 1850.4/39

All: 17.540 $\pm$ 0.221 χ^2 /NDF: 3684.5/80

- sign 17.296 $\pm$ 0.314 χ^2 /NDF: 1832.9/40

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.292 ± 0.039 $\chi^2/\text{NDF}: 12502.4/16$

Left Out: -39.633 ± 0.016 $\chi^2/\text{NDF}: 87740.7/22$

Right Out: -41.123 ± 0.039 $\chi^2/\text{NDF}: 12115.0/18$

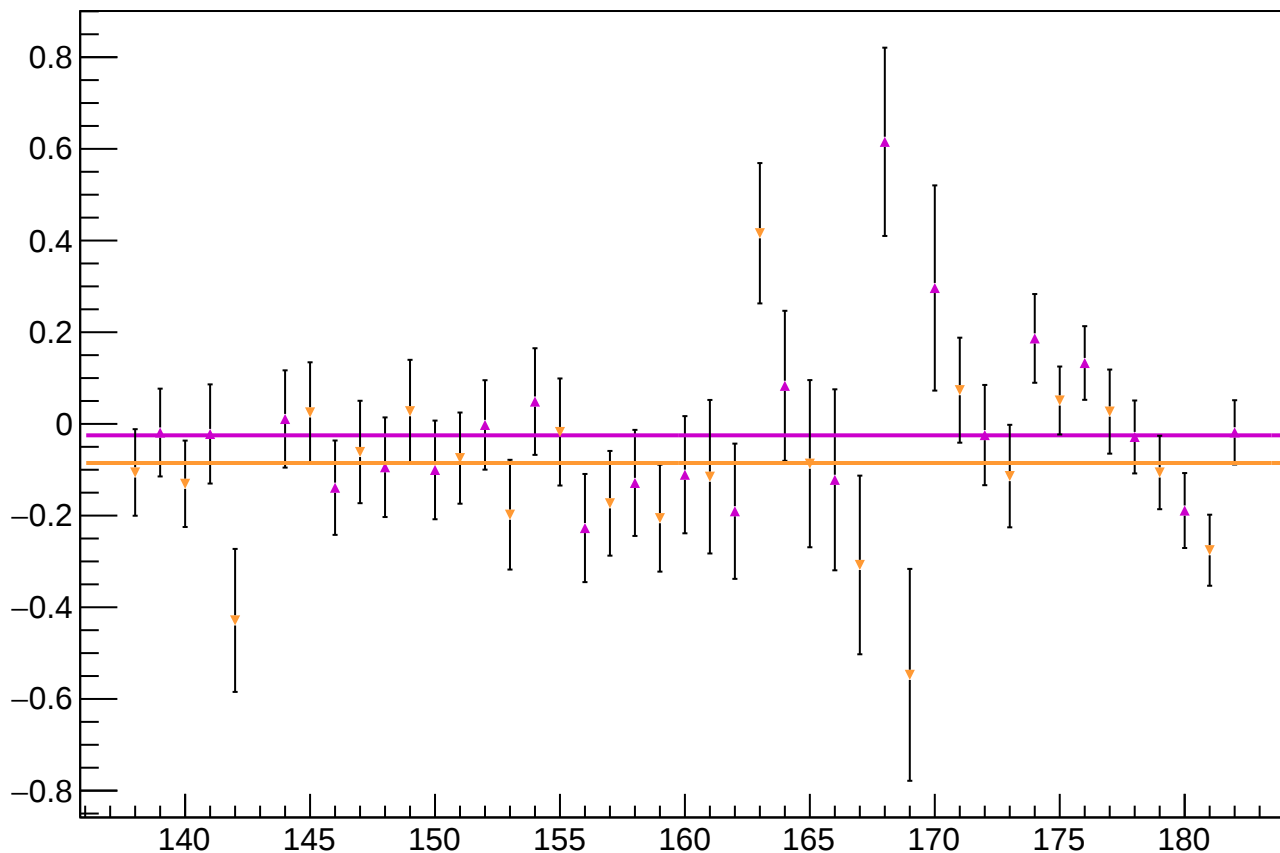
Left In: -38.890 ± 0.016 $\chi^2/\text{NDF}: 53392.8/21$

+ sign -39.886 ± 0.015 $\chi^2/\text{NDF}: 101805.6/39$

All: -39.546 ± 0.011 $\chi^2/\text{NDF}: 171153.9/80$

- sign -39.218 ± 0.015 $\chi^2/\text{NDF}: 68350.0/40$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.085 $\pm$ 0.023 χ^2/NDF : 39.1/21

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

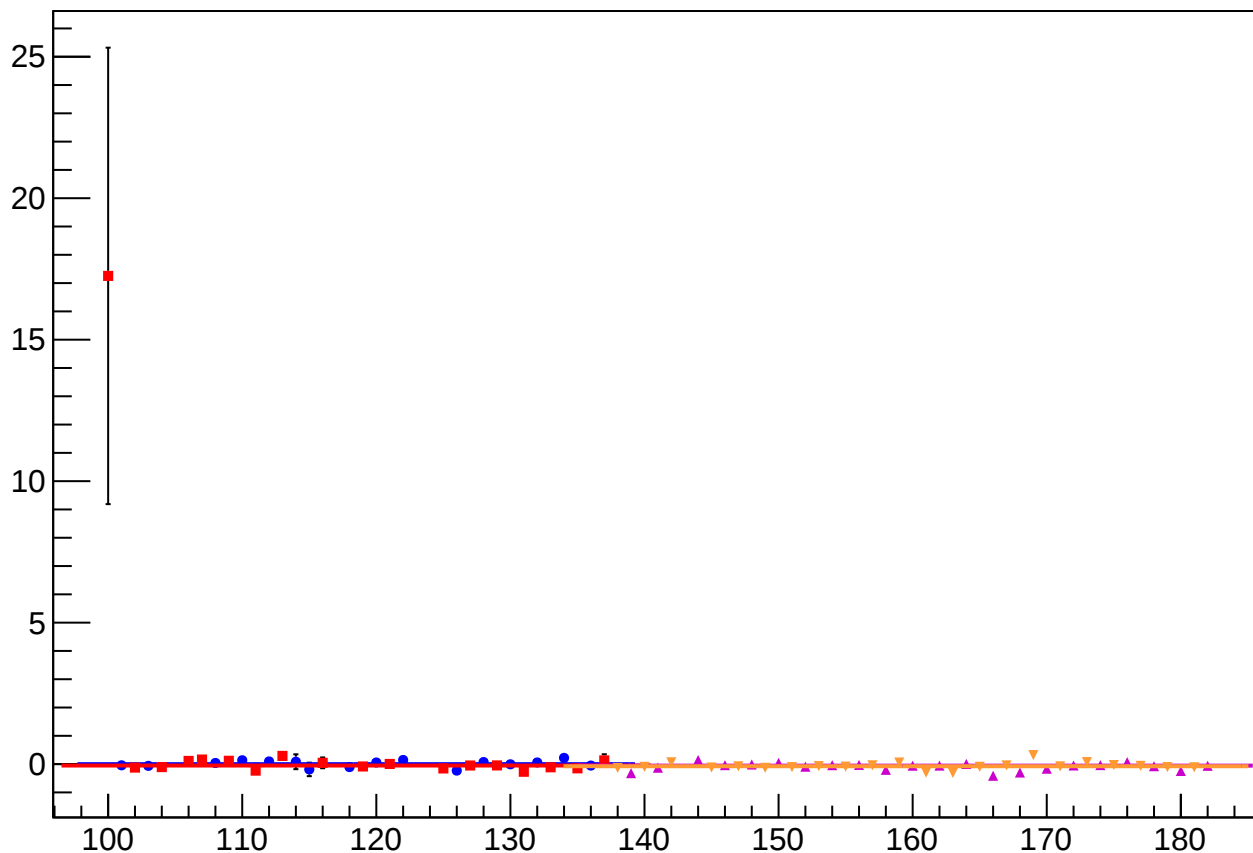
Left In: -0.025 $\pm$ 0.023 χ^2/NDF : 33.3/21

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

All: -0.054 $\pm$ 0.016 χ^2/NDF : 75.8/43

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.002 ± 0.029 χ^2/NDF : 12.7/15

Left Out: -0.075 ± 0.018 χ^2/NDF : 23.4/21

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.5/17

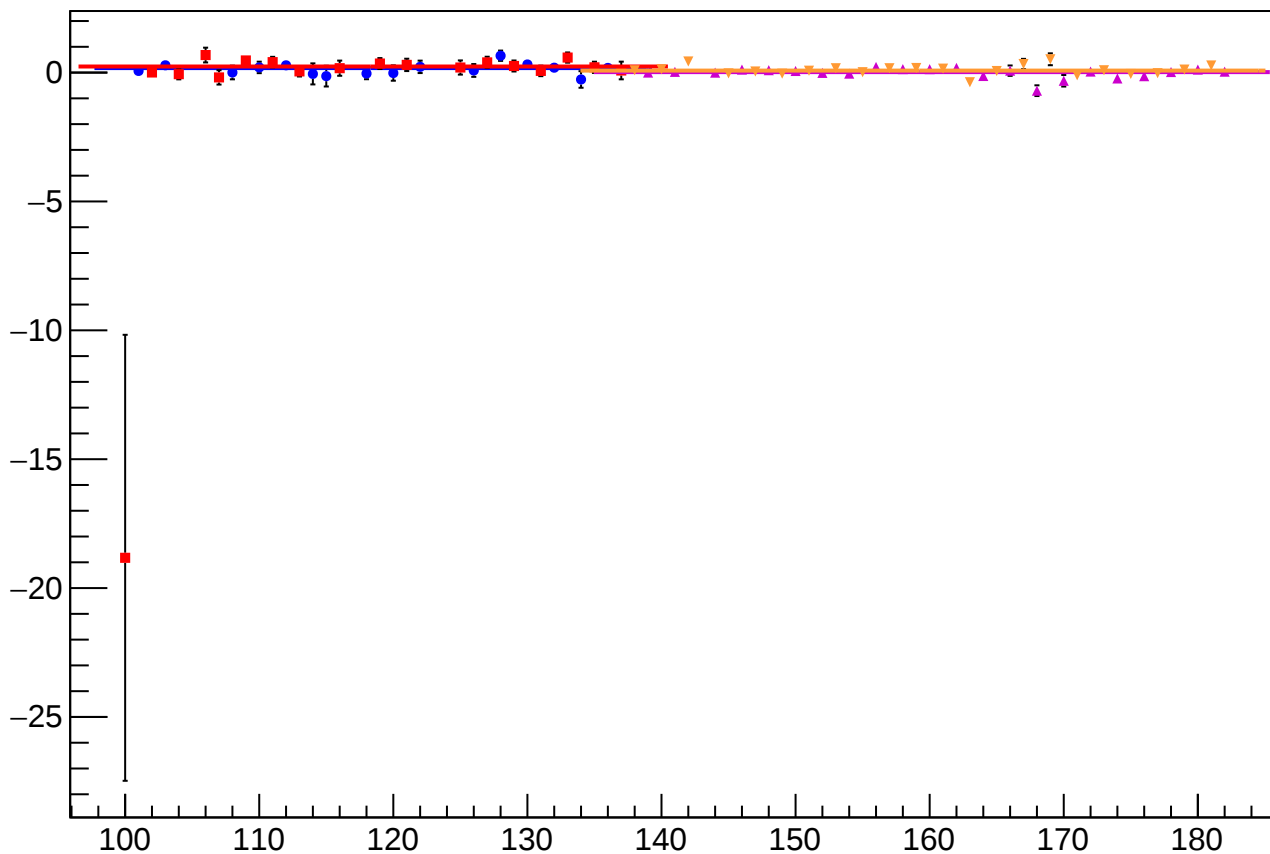
Left In: -0.054 ± 0.018 χ^2/NDF : 31.3/21

+ sign -0.054 ± 0.015 χ^2/NDF : 40.8/37

All: -0.053 ± 0.011 χ^2/NDF : 97.6/77

- sign -0.053 ± 0.015 χ^2/NDF : 56.8/39

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.174 ± 0.053 χ^2/NDF : 12.4/15

Left Out: 0.077 ± 0.023 χ^2/NDF : 37.7/21

Right Out: 0.236 ± 0.054 χ^2/NDF : 21.5/17

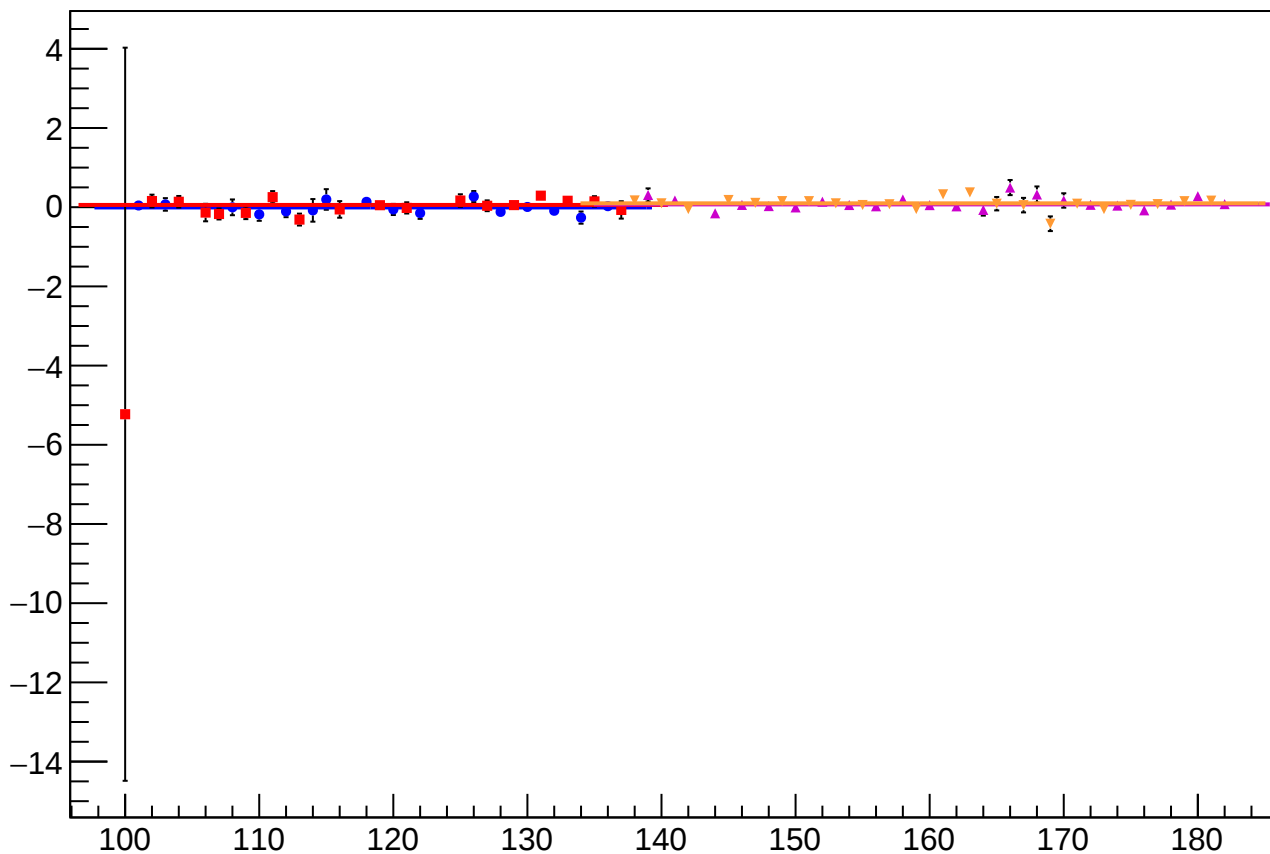
Left In: 0.018 ± 0.023 χ^2/NDF : 35.2/21

+ sign 0.093 ± 0.021 χ^2/NDF : 53.0/37

All: 0.071 ± 0.015 χ^2/NDF : 125.6/77

- sign 0.050 ± 0.021 χ^2/NDF : 70.6/39

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.006 ± 0.033 χ^2/NDF : 14.1/15

Left Out: 0.098 ± 0.021 χ^2/NDF : 26.5/21

Right Out: 0.057 ± 0.034 χ^2/NDF : 20.3/17

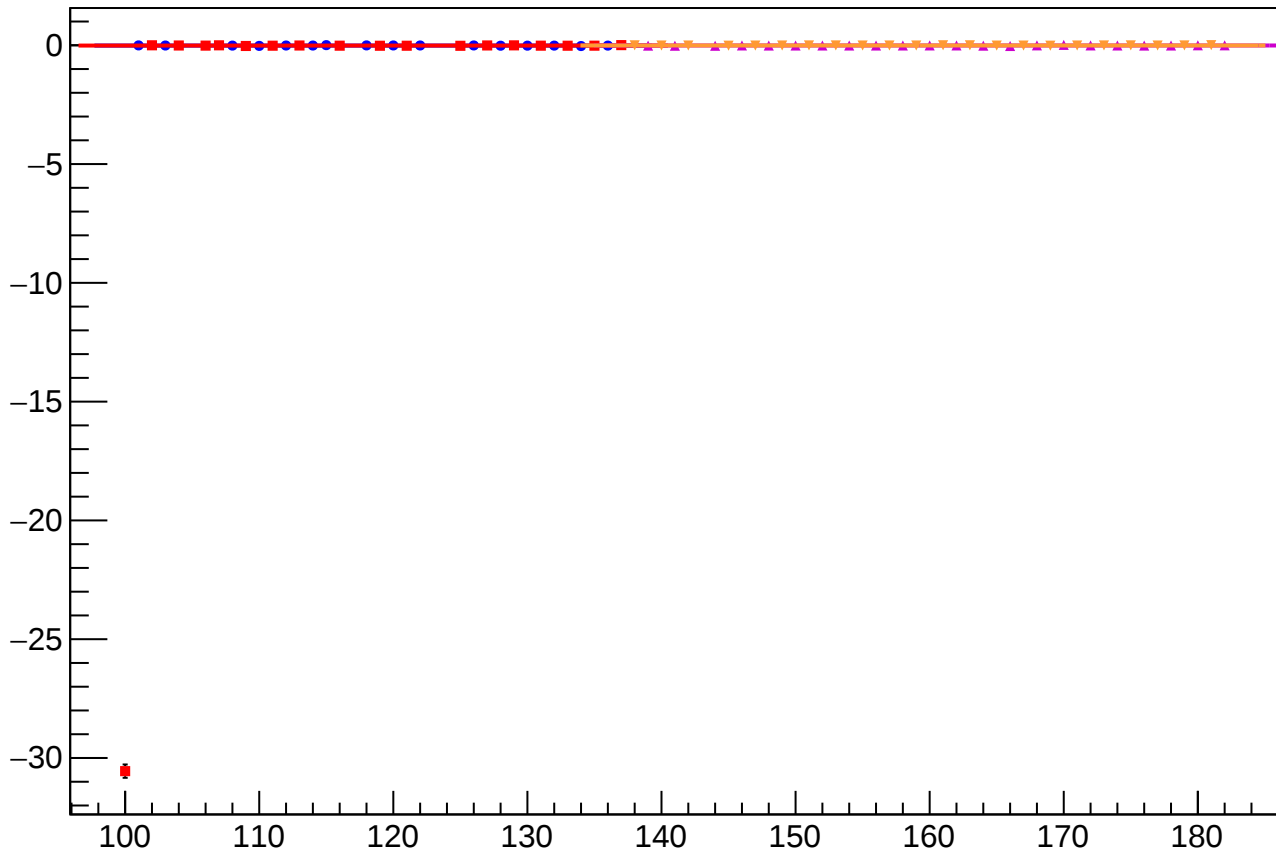
Left In: 0.071 ± 0.020 χ^2/NDF : 31.1/21

+ sign 0.068 ± 0.017 χ^2/NDF : 47.8/37

All: 0.068 ± 0.012 χ^2/NDF : 99.3/77

- sign 0.067 ± 0.017 χ^2/NDF : 51.5/39

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.007 $\pm$ 0.001 χ^2 /NDF:25.2/21

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.8/17

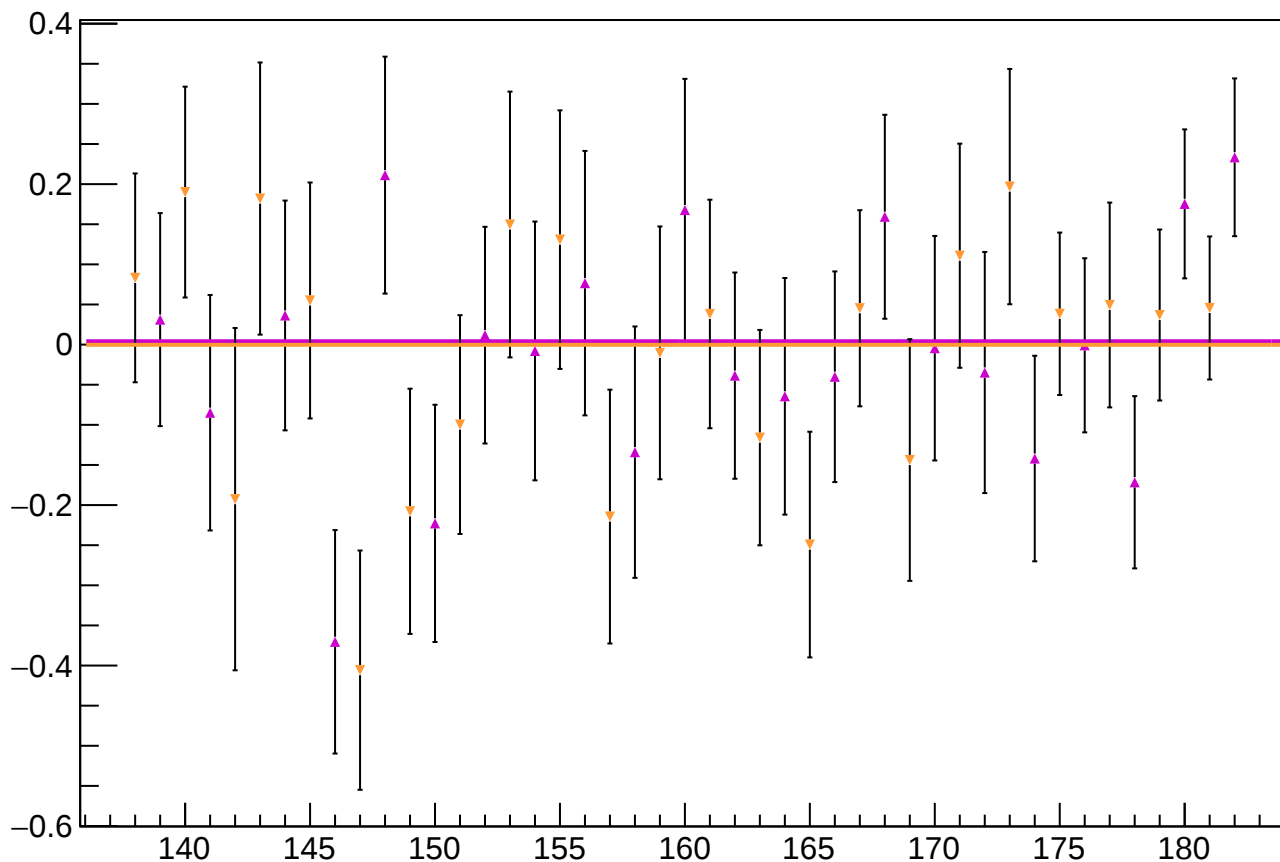
Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:40.8/21

+ sign -0.008 $\pm$ 0.001 χ^2 /NDF: 42.7/37

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 11977.7/77

- sign -0.009 $\pm$ 0.001 χ^2 /NDF: 11934.3/39

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.000 $\pm$ 0.028 χ^2 /NDF: 25.8/22

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

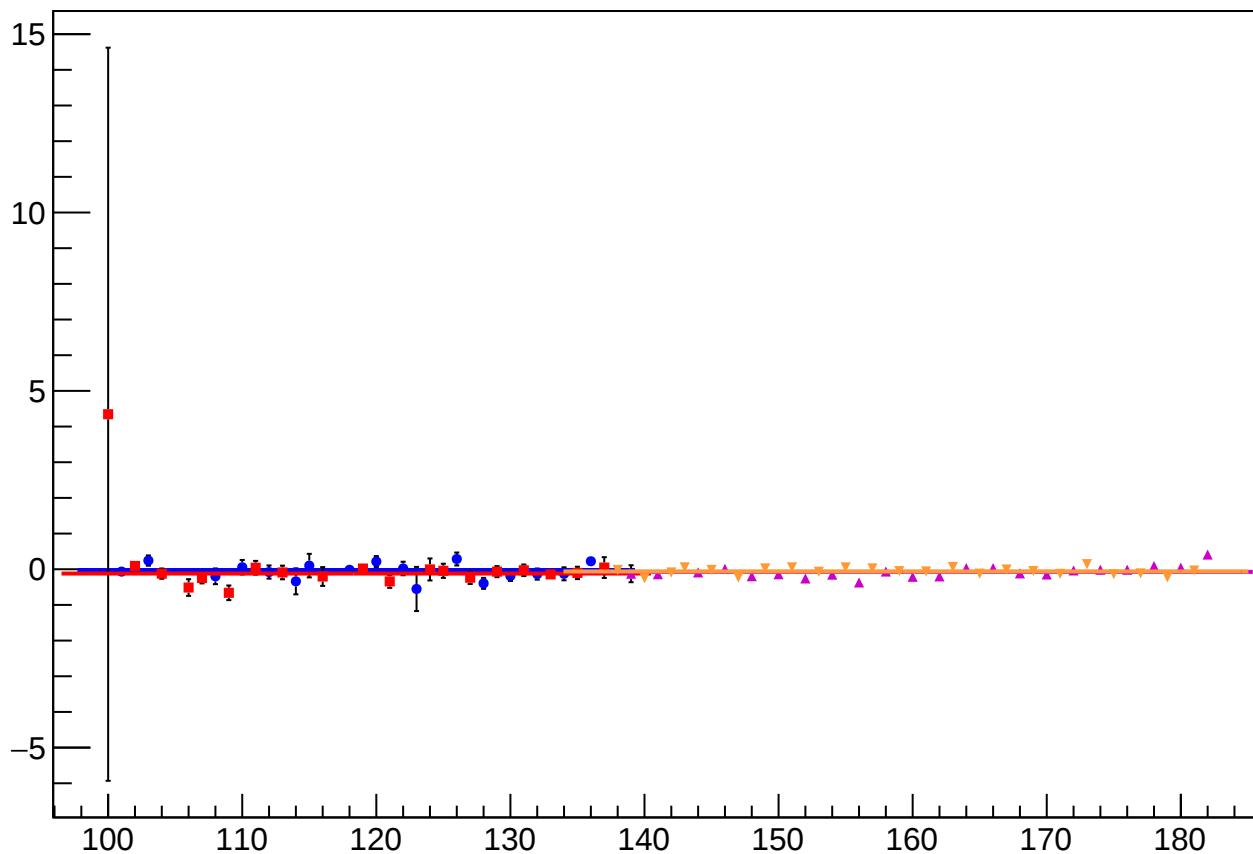
Left In: 0.004 $\pm$ 0.028 χ^2 /NDF: 28.8/21

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

All: 0.002 $\pm$ 0.020 χ^2 /NDF: 54.7/44

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.022 ± 0.037 χ^2/NDF : 22.9/16

Left Out: -0.061 ± 0.022 χ^2/NDF : 24.2/22

Right Out: -0.120 ± 0.039 χ^2/NDF : 18.5/18

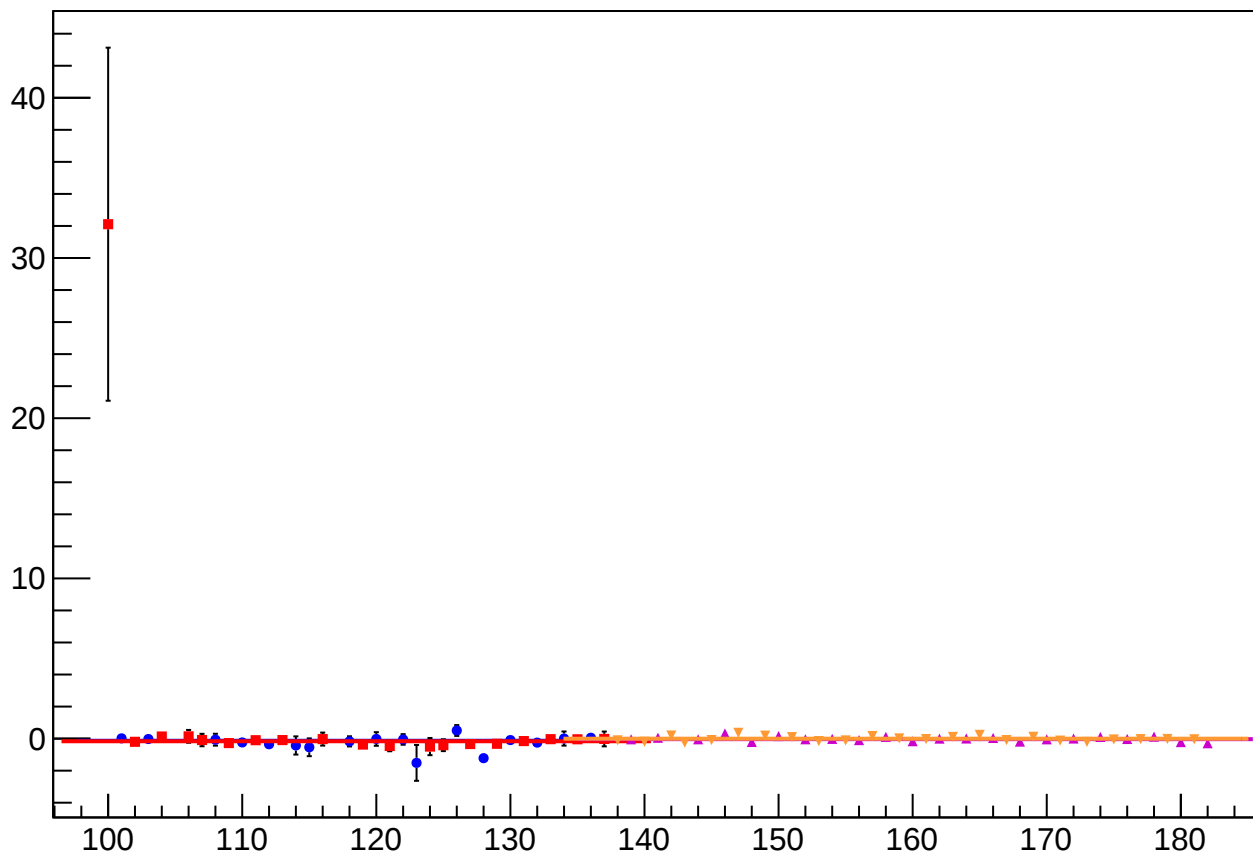
Left In: -0.074 ± 0.022 χ^2/NDF : 48.0/21

+ sign -0.051 ± 0.019 χ^2/NDF : 48.0/39

All: -0.068 ± 0.013 χ^2/NDF : 117.1/80

- sign -0.085 ± 0.019 χ^2/NDF : 67.5/40

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.135 ± 0.067 χ^2/NDF : 24.7/16

Left Out: -0.005 ± 0.028 χ^2/NDF : 25.1/22

Right Out: -0.164 ± 0.071 χ^2/NDF : 14.4/18

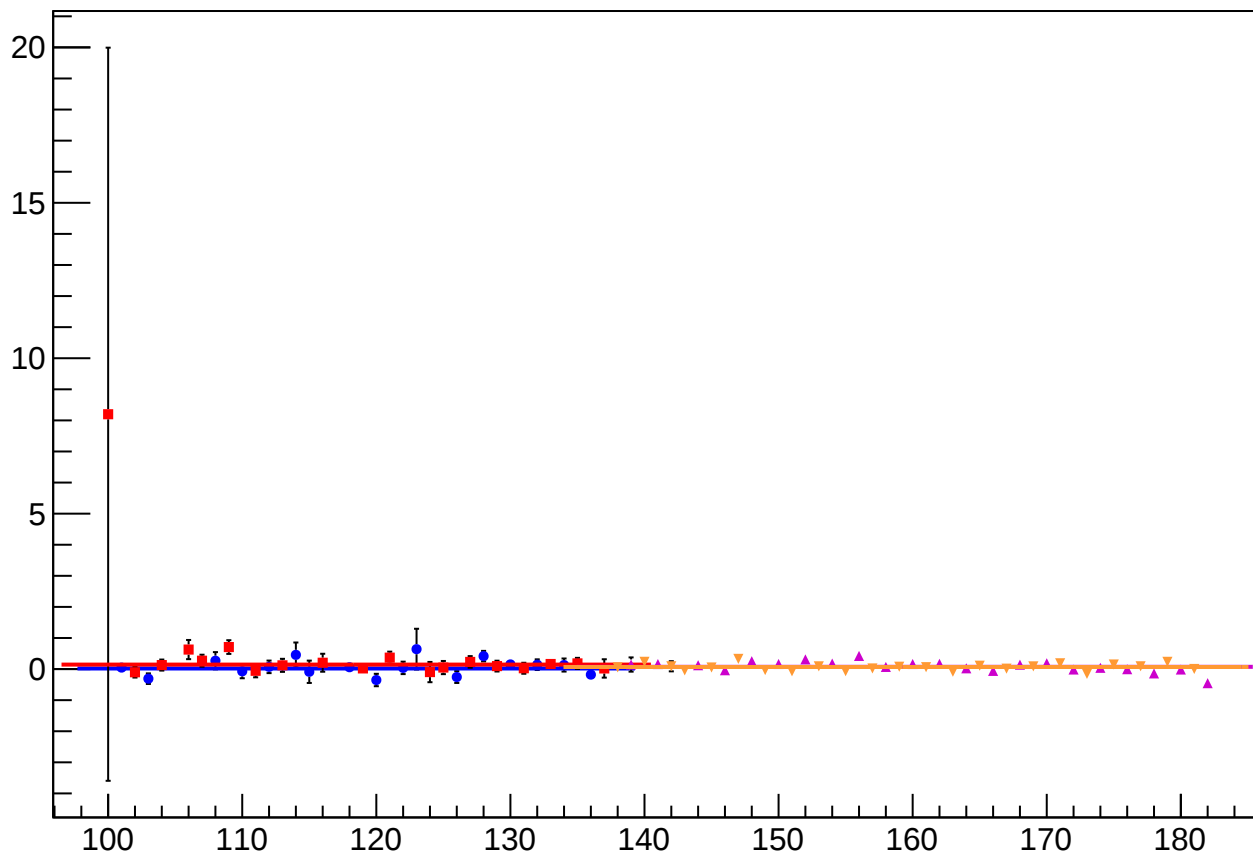
Left In: -0.034 ± 0.028 χ^2/NDF : 28.3/21

+ sign -0.024 ± 0.026 χ^2/NDF : 53.0/39

All: -0.038 ± 0.018 χ^2/NDF : 99.2/80

- sign -0.051 ± 0.026 χ^2/NDF : 45.6/40

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.019 ± 0.043 χ^2/NDF : 21.6/16

Left Out: 0.067 ± 0.025 χ^2/NDF : 23.4/22

Right Out: 0.144 ± 0.045 χ^2/NDF : 16.8/18

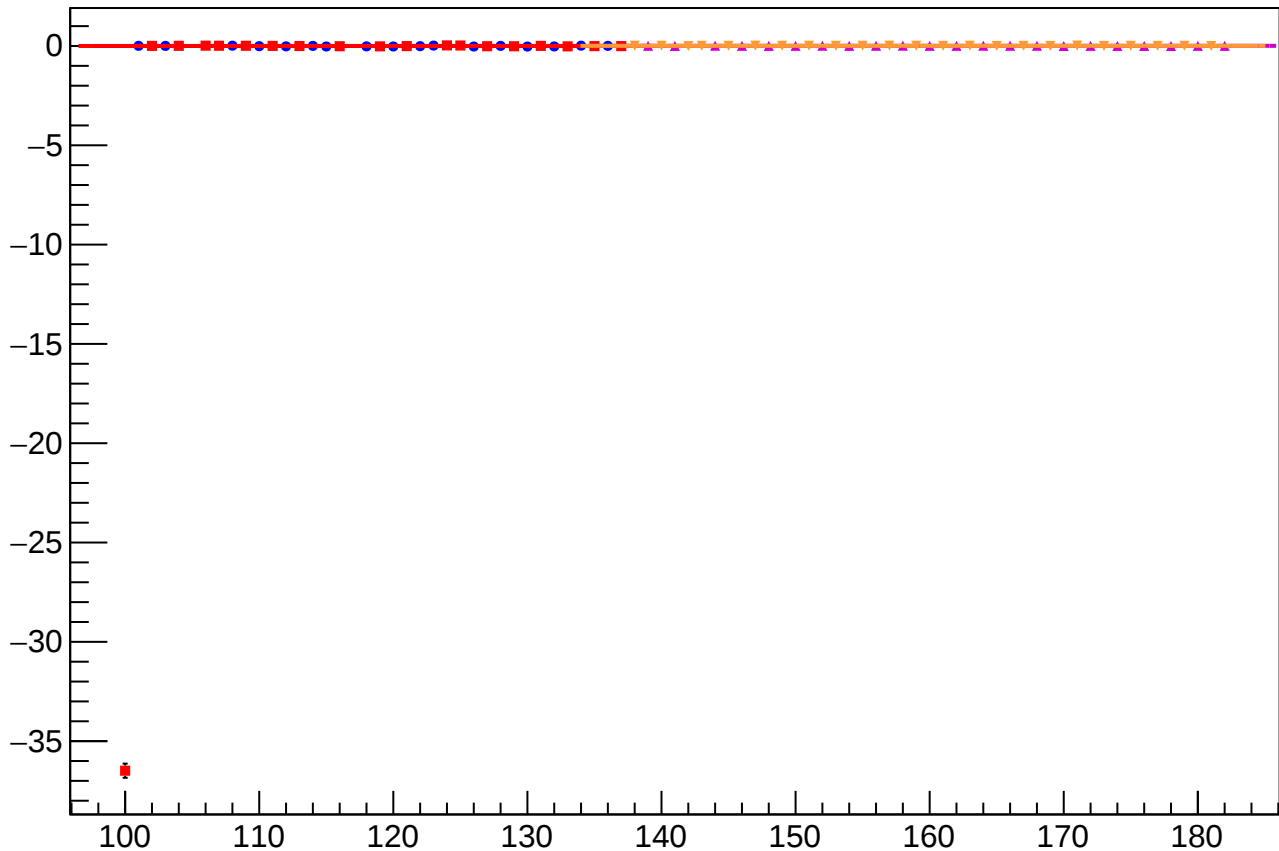
Left In: 0.073 ± 0.025 χ^2/NDF : 50.4/21

+ sign 0.055 ± 0.021 χ^2/NDF : 46.0/39

All: 0.071 ± 0.015 χ^2/NDF : 116.4/80

- sign 0.089 ± 0.022 χ^2/NDF : 69.1/40

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.5/16

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 24.5/22

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

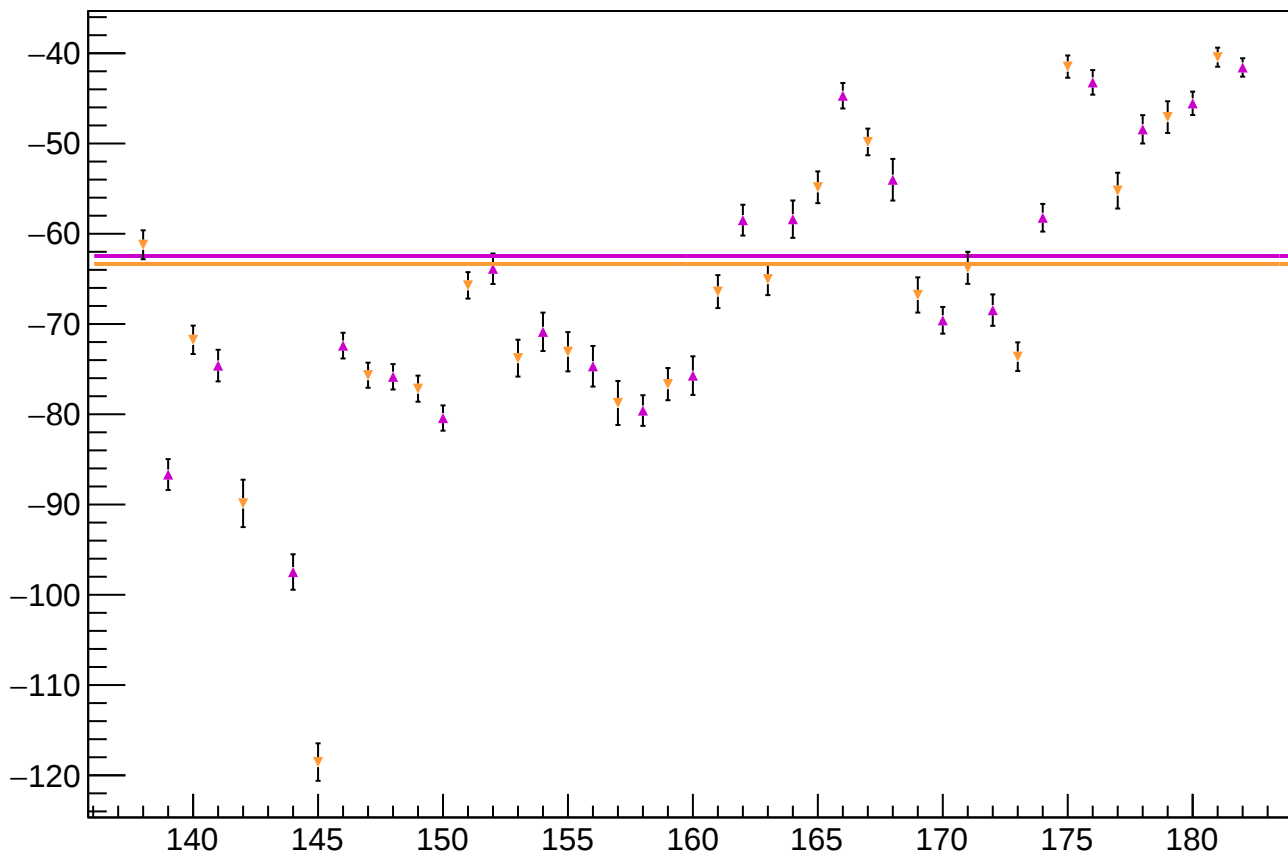
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 14.4/21

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 63.3/39

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10537.6/80

- sign 0.007 $\pm$ 0.001 χ^2 /NDF: 10474.3/40

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -63.344+/-0.352 χ^2/NDF : 2197.9/21

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

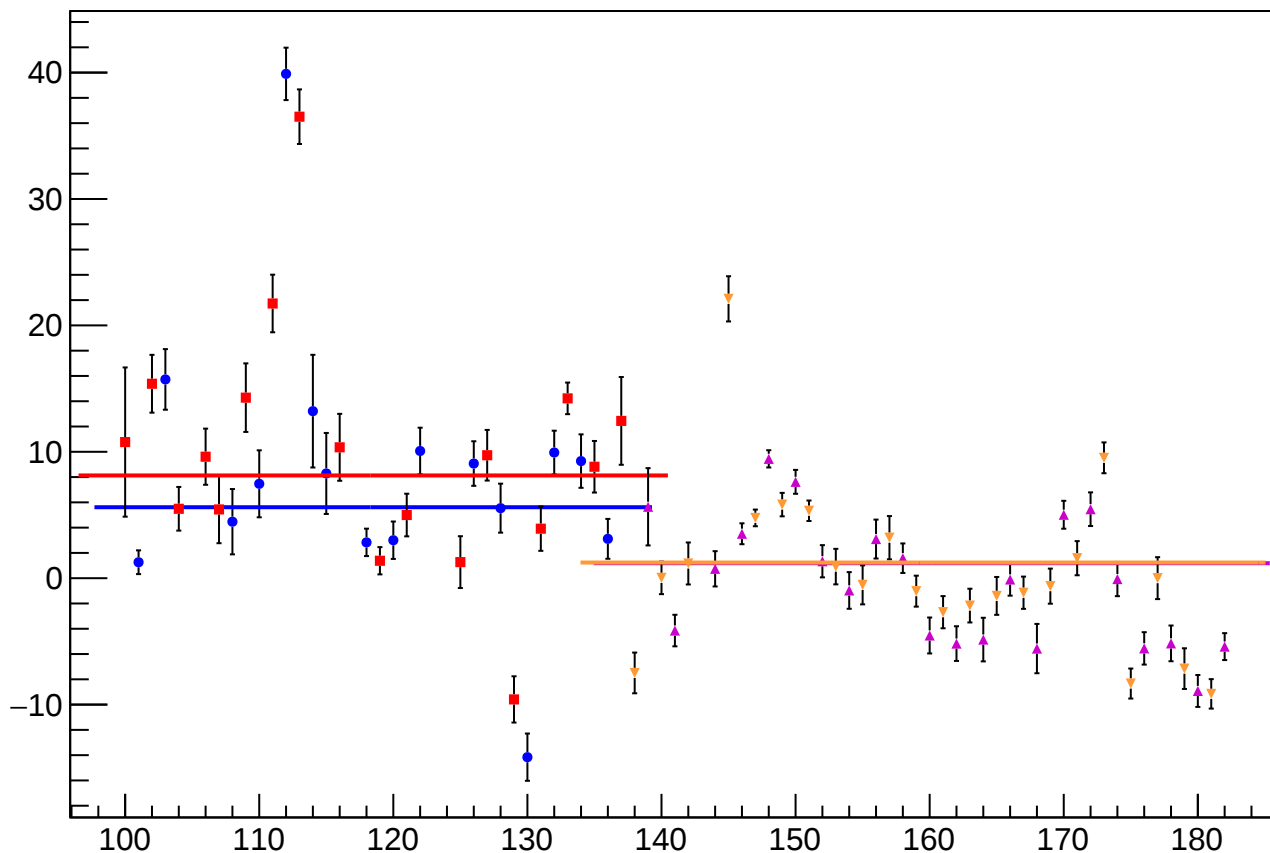
Left In: -62.463+/-0.338 χ^2/NDF : 2151.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.886+/-0.244 χ^2/NDF : 4352.7/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.615 ± 0.430 χ^2/NDF : 460.0/15

Left Out: 1.239 ± 0.260 χ^2/NDF : 494.2/21

Right Out: 8.129 ± 0.453 χ^2/NDF : 407.7/17

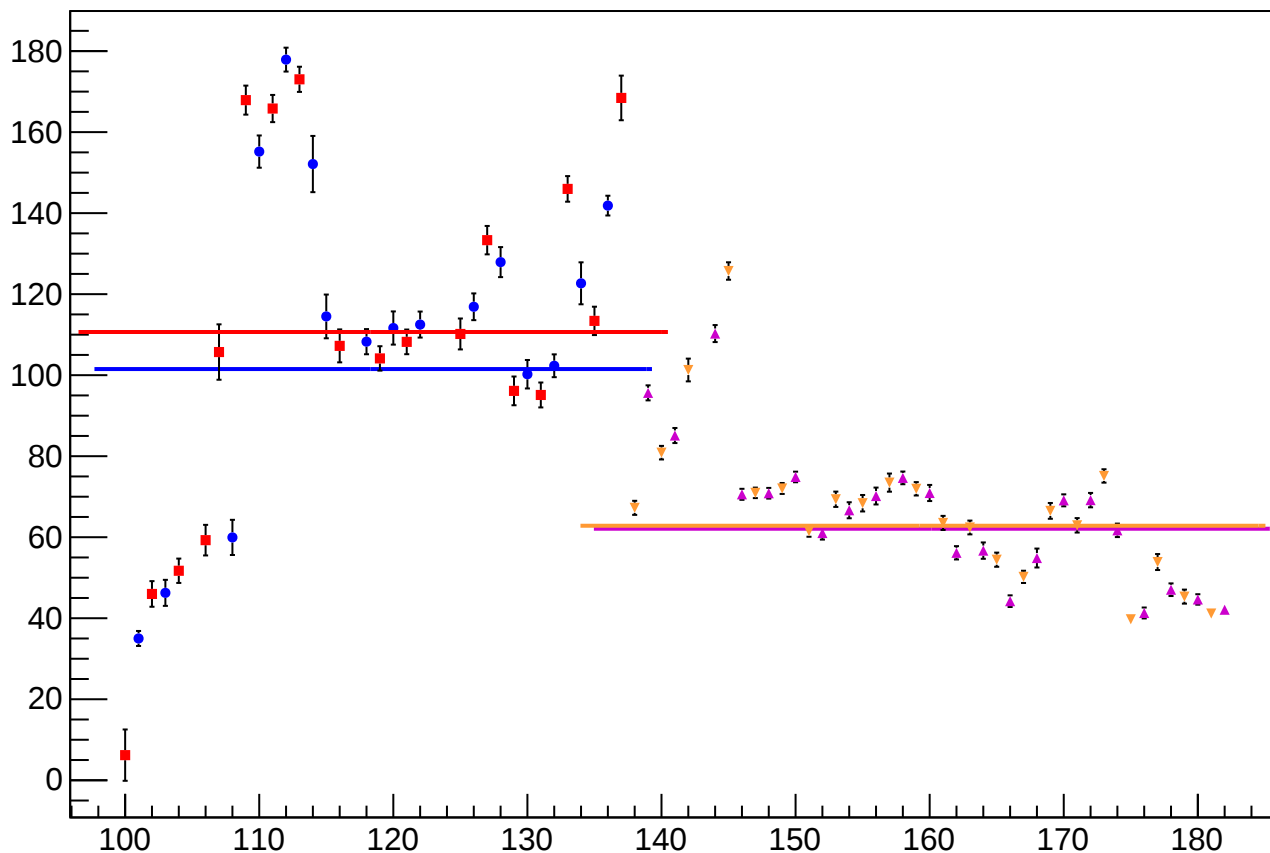
Left In: 1.187 ± 0.258 χ^2/NDF : 461.7/21

+ sign 2.414 ± 0.223 χ^2/NDF : 1030.0/37

All: 2.648 ± 0.158 χ^2/NDF : 2078.8/77

- sign 2.885 ± 0.224 χ^2/NDF : 1046.6/39

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.513 $\pm$ 0.813 χ^2 /NDF: 2973.2/15

Left Out: 62.833 $\pm$ 0.349 χ^2 /NDF: 2337.1/21

Right Out: 110.660 $\pm$ 0.838 χ^2 /NDF: 2514.2/17

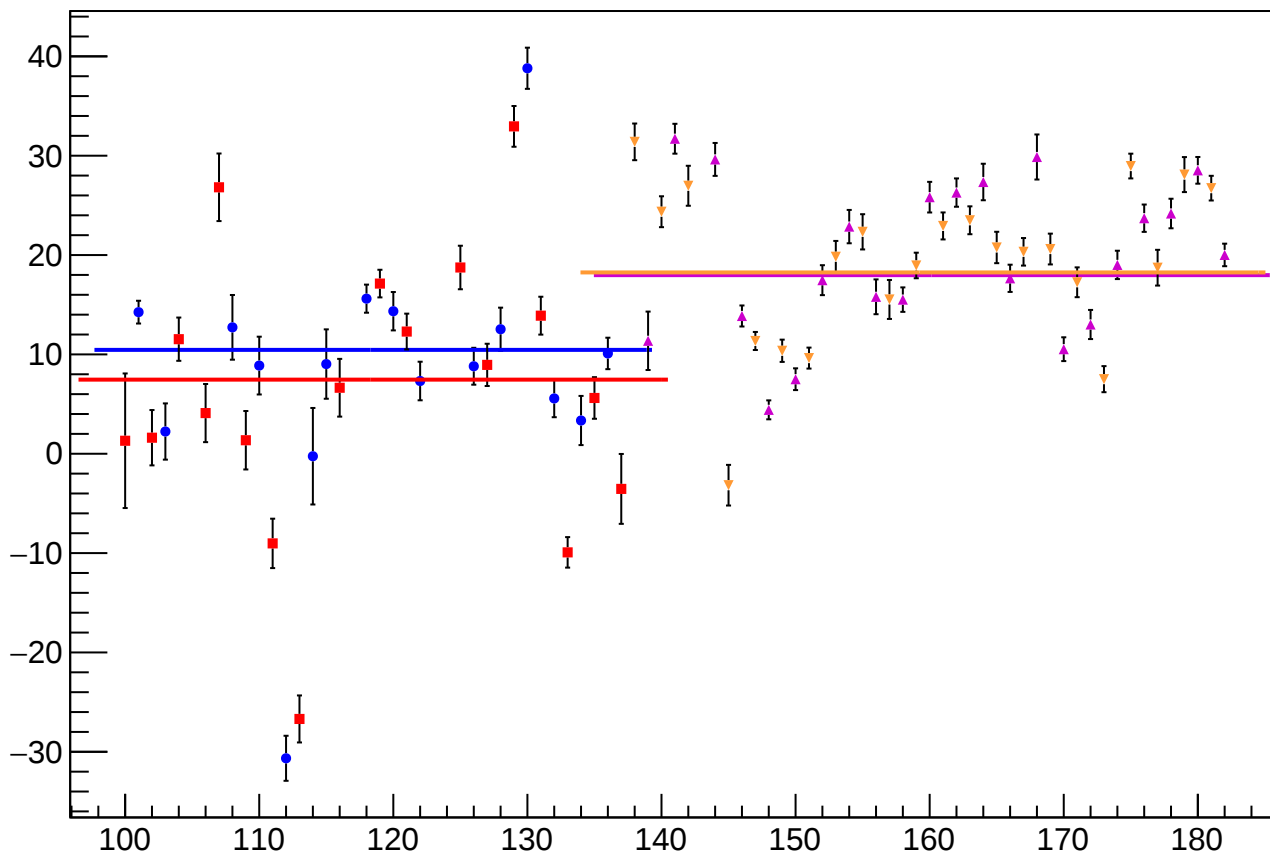
Left In: 62.095 $\pm$ 0.335 χ^2 /NDF: 2385.1/21

+ sign 68.833 $\pm$ 0.320 χ^2 /NDF: 7220.7/37

All: 68.813 $\pm$ 0.223 χ^2 /NDF: 15019.0/77

- sign 68.793 $\pm$ 0.311 χ^2 /NDF: 7798.2/39

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.455 $\pm$ 0.498 χ^2 /NDF: 577.9/15

Left Out: 18.251 $\pm$ 0.301 χ^2 /NDF: 629.2/21

Right Out: 7.460 $\pm$ 0.524 χ^2 /NDF: 686.5/17

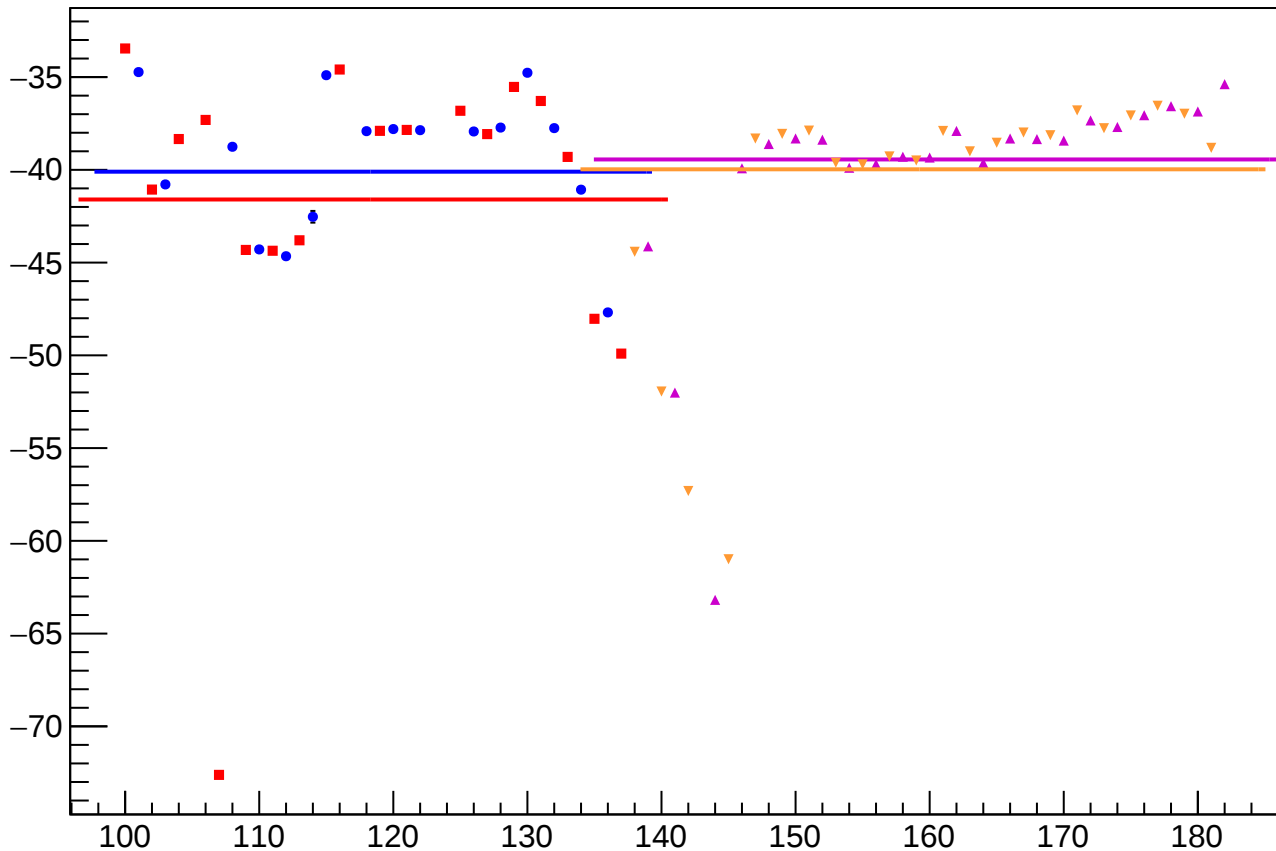
Left In: 17.977 $\pm$ 0.296 χ^2 /NDF: 724.6/21

+ sign 16.163 $\pm$ 0.258 χ^2 /NDF: 1386.3/37

All: 15.800 $\pm$ 0.182 χ^2 /NDF: 3106.8/77

- sign 15.437 $\pm$ 0.258 χ^2 /NDF: 1716.5/39

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.100 ± 0.028 χ^2/NDF : 25059.4/15

Left Out: -39.971 ± 0.014 χ^2/NDF : 131623.8/21

Right Out: -41.598 ± 0.029 χ^2/NDF : 61674.8/17

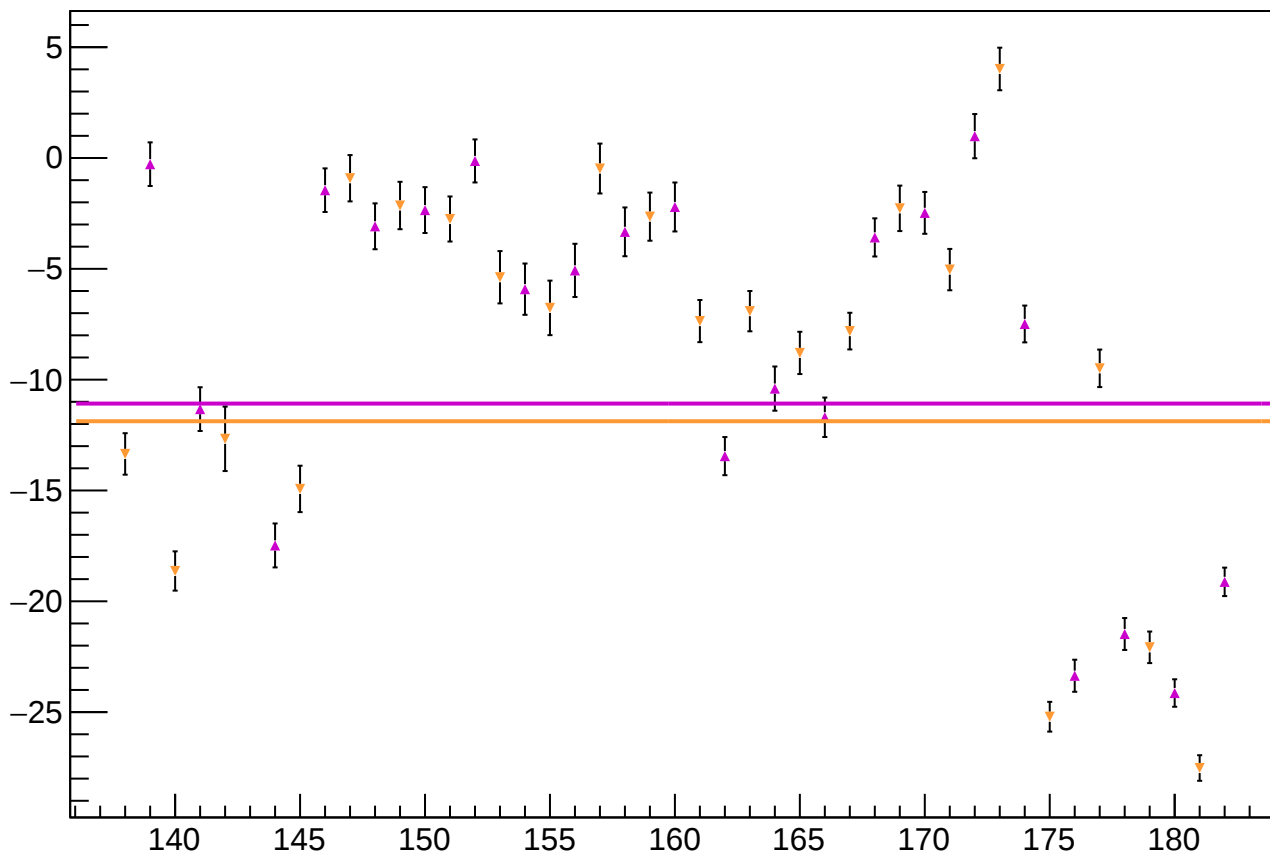
Left In: -39.440 ± 0.014 χ^2/NDF : 114752.6/21

+ sign -39.998 ± 0.013 χ^2/NDF : 156699.5/37

All: -39.919 ± 0.009 χ^2/NDF : 337814.0/77

- sign -39.846 ± 0.012 χ^2/NDF : 181042.1/39

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -11.875+/-0.195 χ^2/NDF : 2410.1/21

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

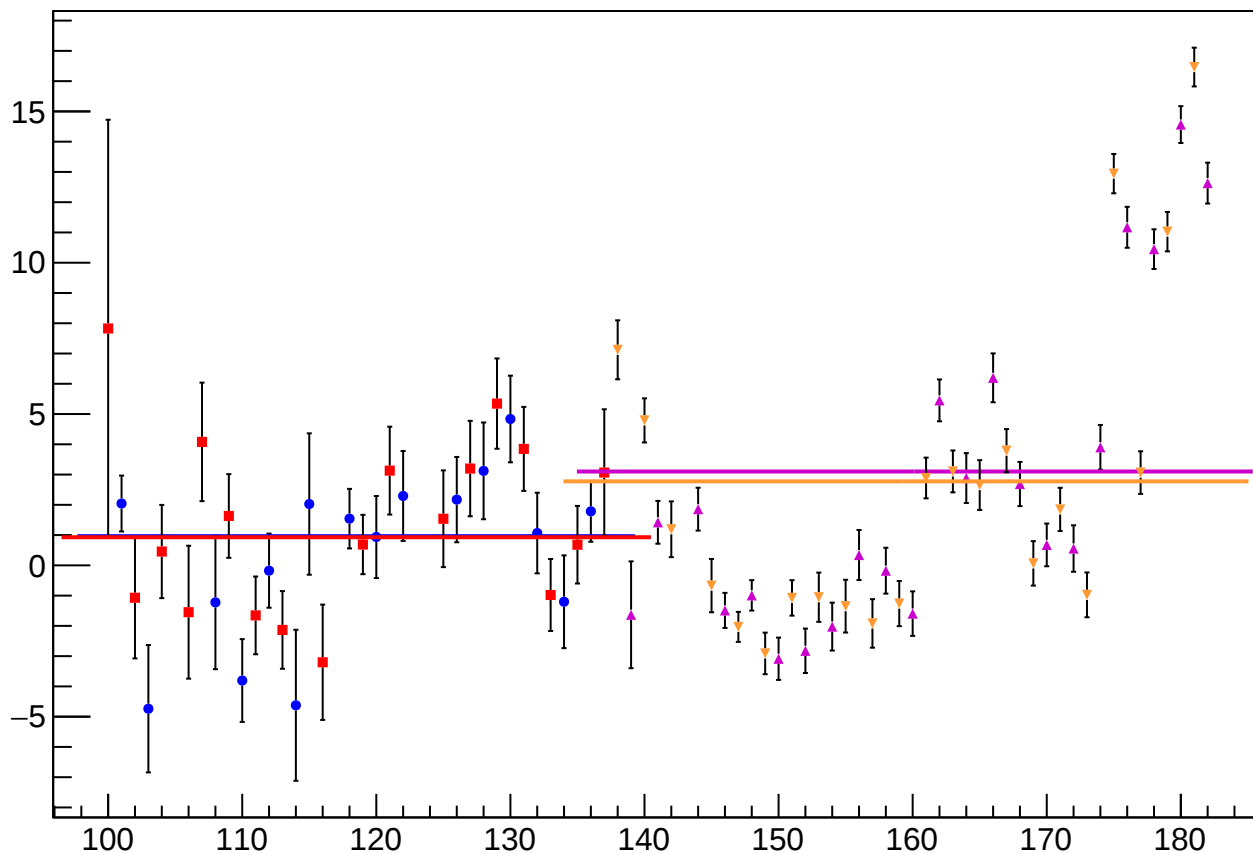
Left In: -11.079+/-0.191 χ^2/NDF : 2104.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.468+/-0.136 χ^2/NDF : 4523.2/43

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.963 ± 0.342 $\chi^2/\text{NDF}: 41.6/15$

Left Out: 2.776 ± 0.152 $\chi^2/\text{NDF}: 1265.8/21$

Right Out: 0.929 ± 0.354 $\chi^2/\text{NDF}: 42.1/17$

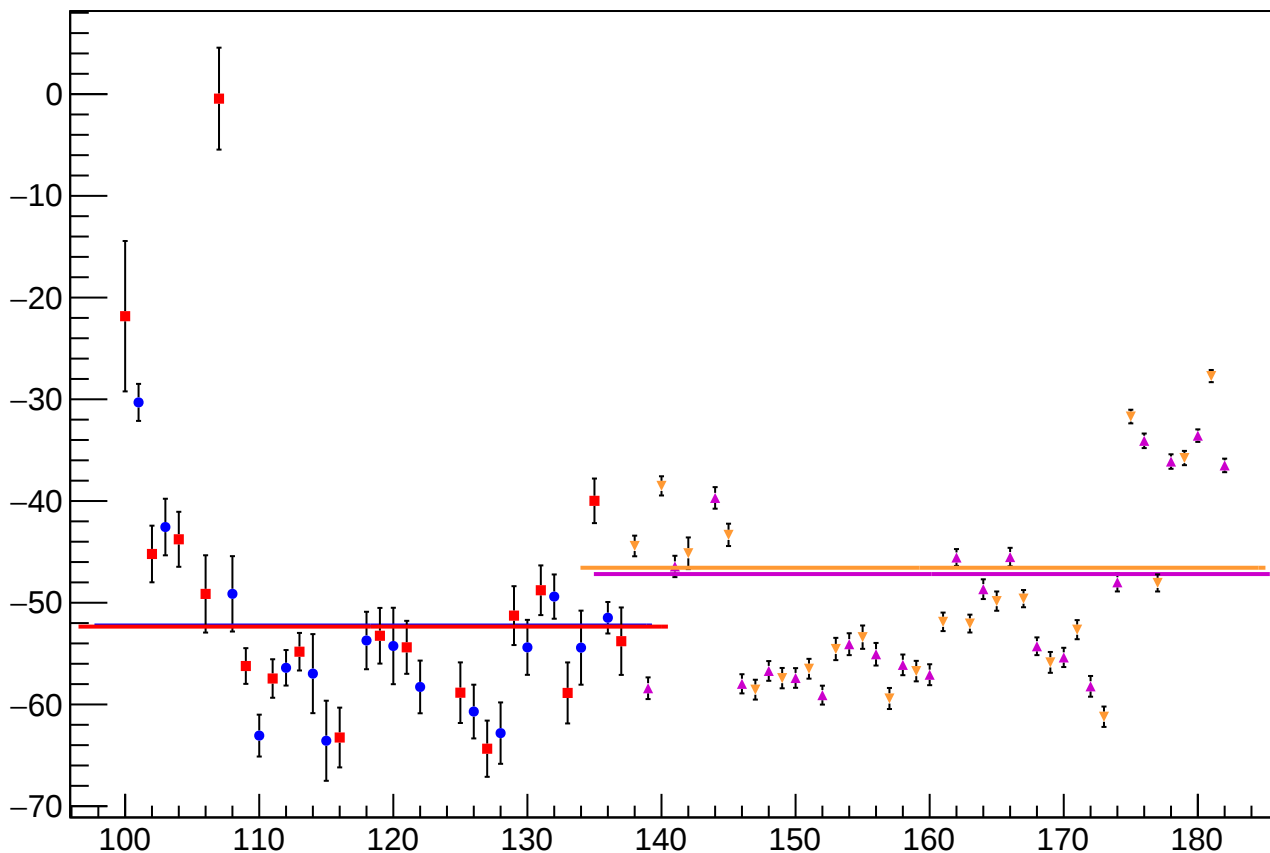
Left In: 3.101 ± 0.151 $\chi^2/\text{NDF}: 1273.5/21$

+ sign 2.477 ± 0.139 $\chi^2/\text{NDF}: 1330.8/37$

All: 2.621 ± 0.098 $\chi^2/\text{NDF}: 2680.4/77$

- sign 2.765 ± 0.139 $\chi^2/\text{NDF}: 1347.5/39$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.238 ± 0.616 χ^2/NDF : 232.7/15

Left Out: -46.560 ± 0.194 χ^2/NDF : 2957.2/21

Right Out: -52.347 ± 0.617 χ^2/NDF : 232.8/17

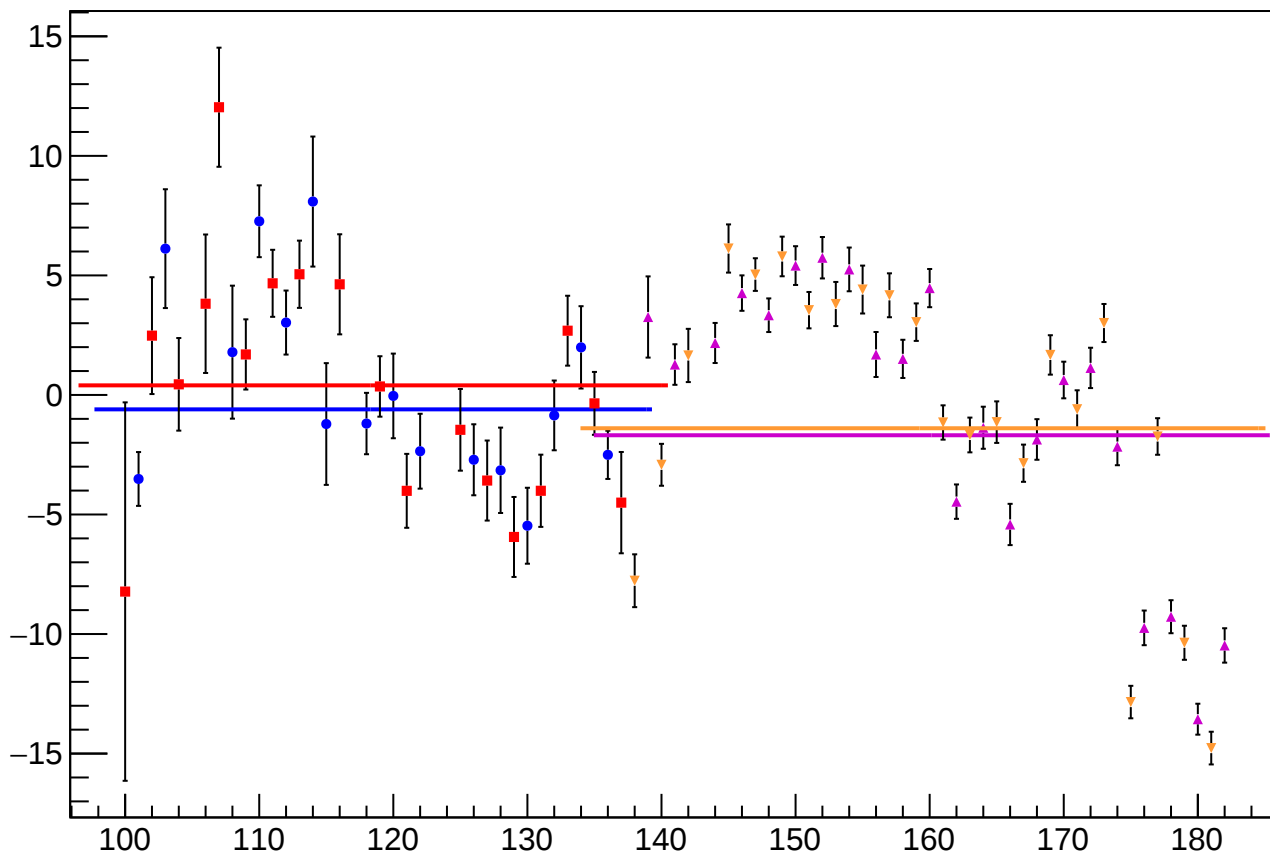
Left In: -47.181 ± 0.190 χ^2/NDF : 2512.7/21

+ sign -47.075 ± 0.185 χ^2/NDF : 3267.3/37

All: -47.357 ± 0.130 χ^2/NDF : 6081.4/77

- sign -47.627 ± 0.181 χ^2/NDF : 2809.5/39

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.603 ± 0.388 χ^2/NDF : 80.7/15

Left Out: -1.393 ± 0.172 χ^2/NDF : 1314.3/21

Right Out: 0.401 ± 0.400 χ^2/NDF : 96.2/17

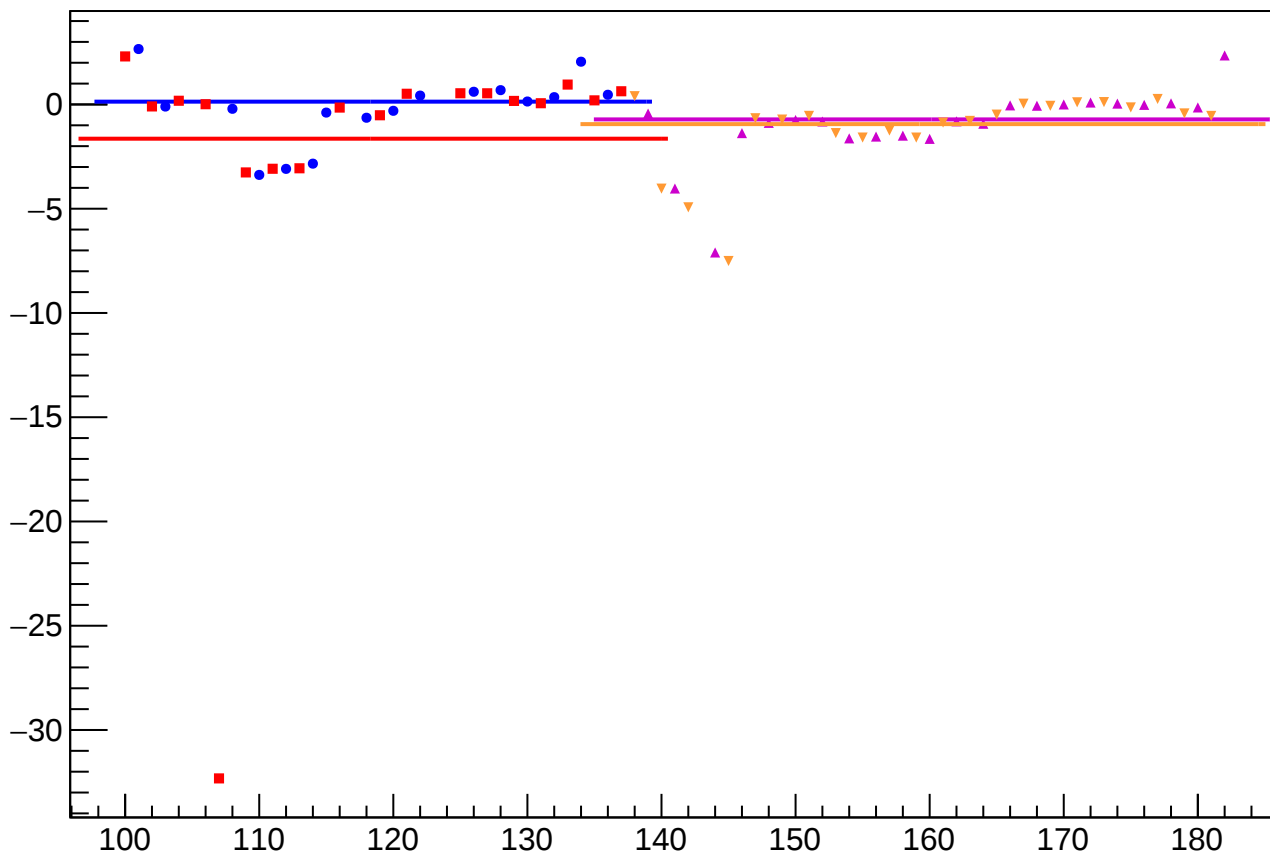
Left In: -1.686 ± 0.171 χ^2/NDF : 1238.4/21

+ sign -1.262 ± 0.157 χ^2/NDF : 1398.5/37

All: -1.314 ± 0.111 χ^2/NDF : 2756.2/77

- sign -1.365 ± 0.157 χ^2/NDF : 1357.5/39

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.135 ± 0.022 χ^2/NDF : 5228.3/15

Left Out: -0.943 ± 0.008 χ^2/NDF : 40710.8/21

Right Out: -1.642 ± 0.022 χ^2/NDF : 77830.5/17

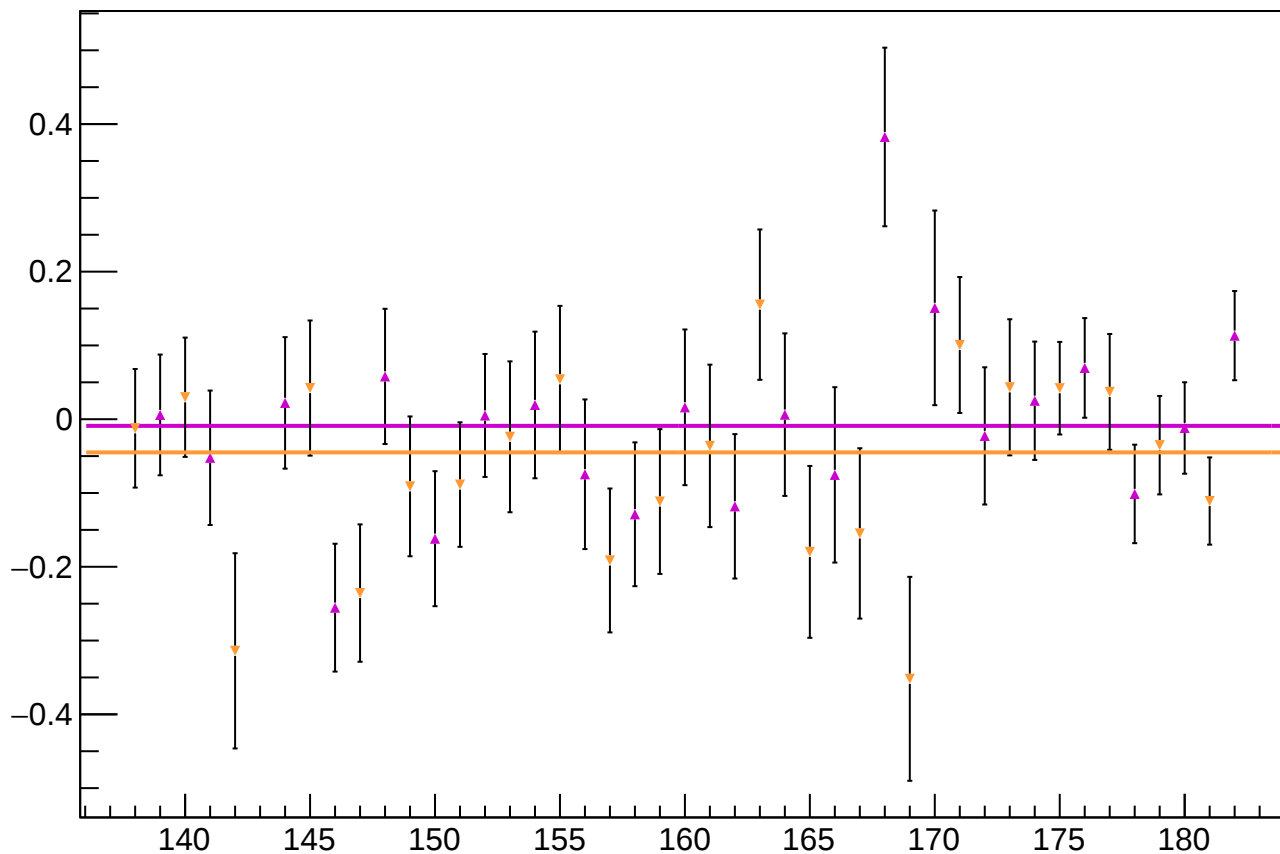
Left In: -0.717 ± 0.008 χ^2/NDF : 40036.6/21

+ sign -0.815 ± 0.007 χ^2/NDF : 48136.6/37

All: -0.818 ± 0.005 χ^2/NDF : 167596.2/77

- sign -0.820 ± 0.007 χ^2/NDF : 119459.4/39

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.045 $\pm$ 0.019 χ^2 /NDF: 33.2/21

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

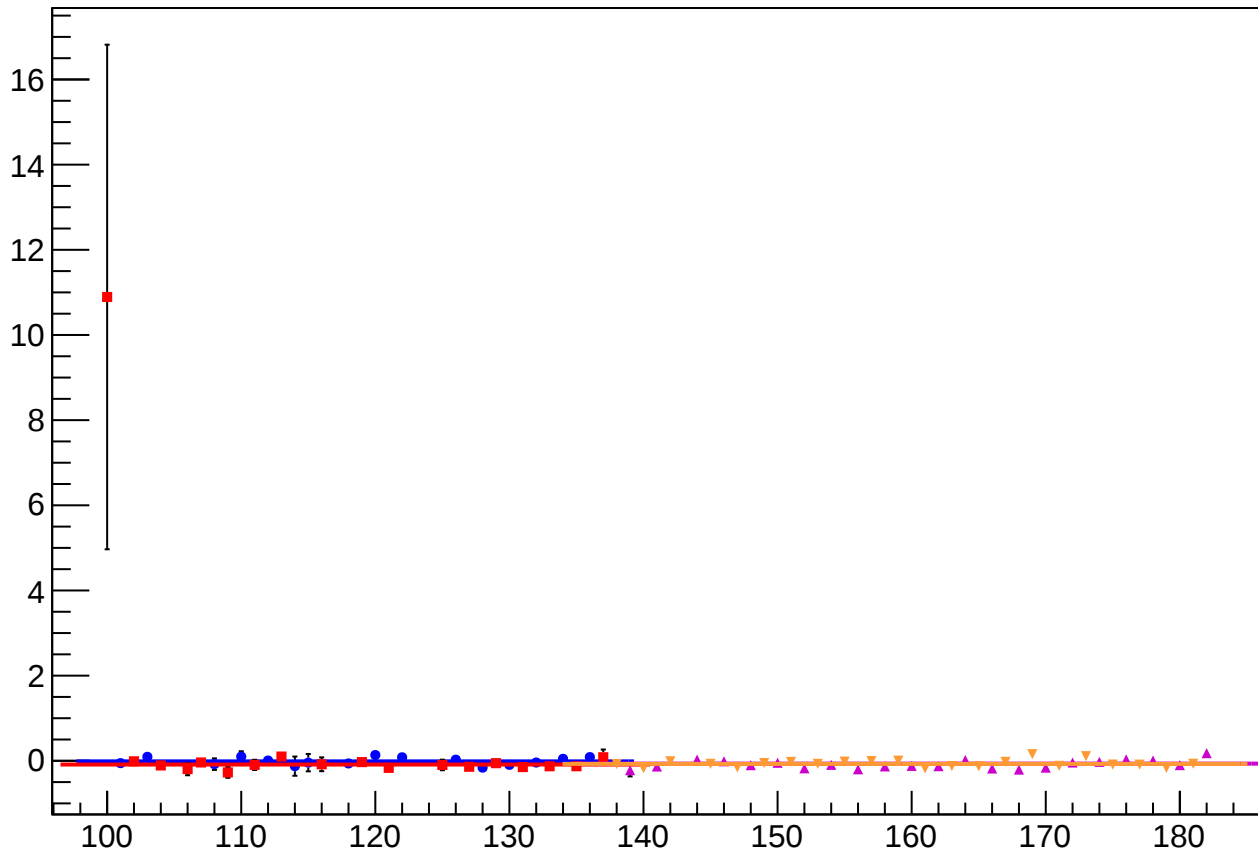
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.0/21

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

All: -0.027 $\pm$ 0.013 χ^2 /NDF: 70.1/43

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

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.0/15

Left Out: -0.073 ± 0.015 χ^2/NDF : 27.8/21

Right Out: -0.088 ± 0.025 χ^2/NDF : 12.9/17

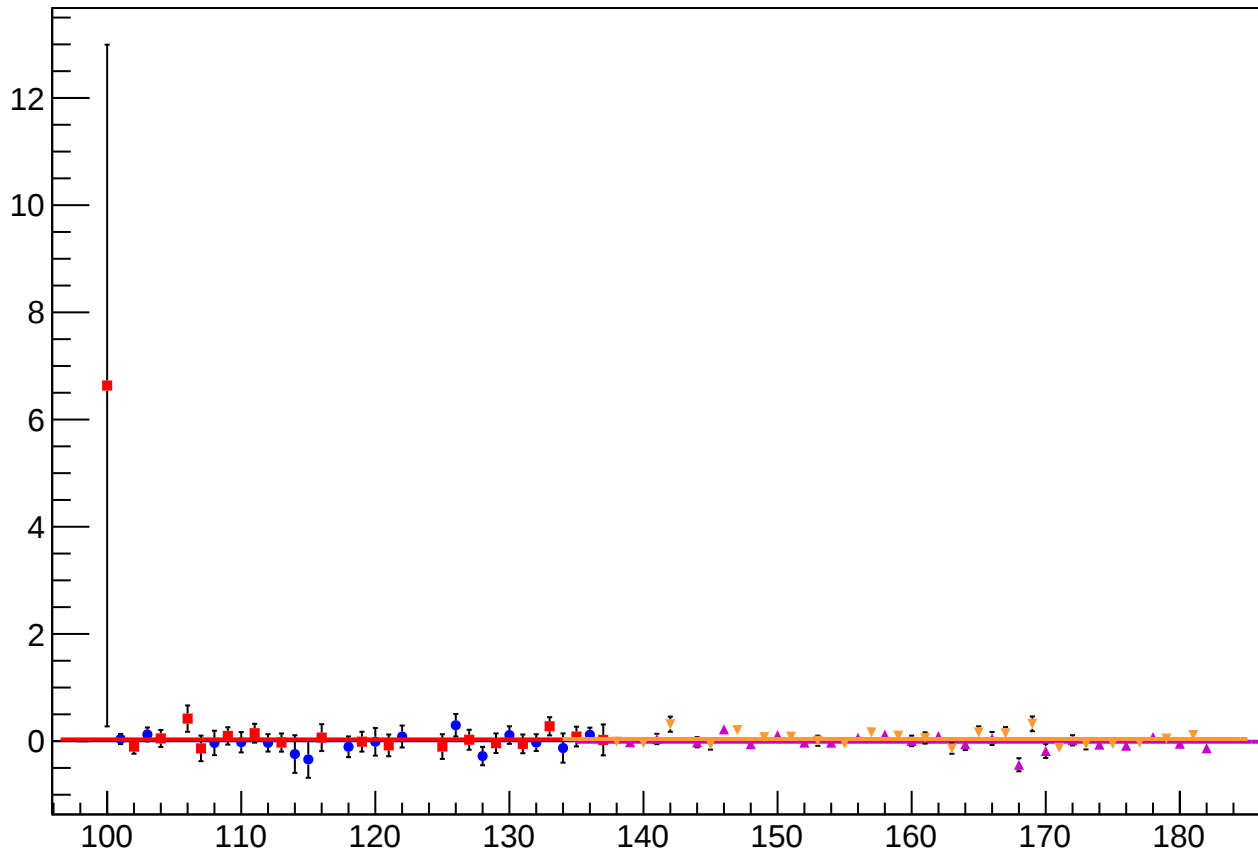
Left In: -0.066 ± 0.015 χ^2/NDF : 39.6/21

+ sign -0.056 ± 0.012 χ^2/NDF : 44.4/37

All: -0.064 ± 0.009 χ^2/NDF : 98.3/77

- sign -0.072 ± 0.013 χ^2/NDF : 53.1/39

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.016 ± 0.043 χ^2/NDF : 9.1/15

Left Out: 0.040 ± 0.019 χ^2/NDF : 31.1/21

Right Out: 0.032 ± 0.045 χ^2/NDF : 9.1/17

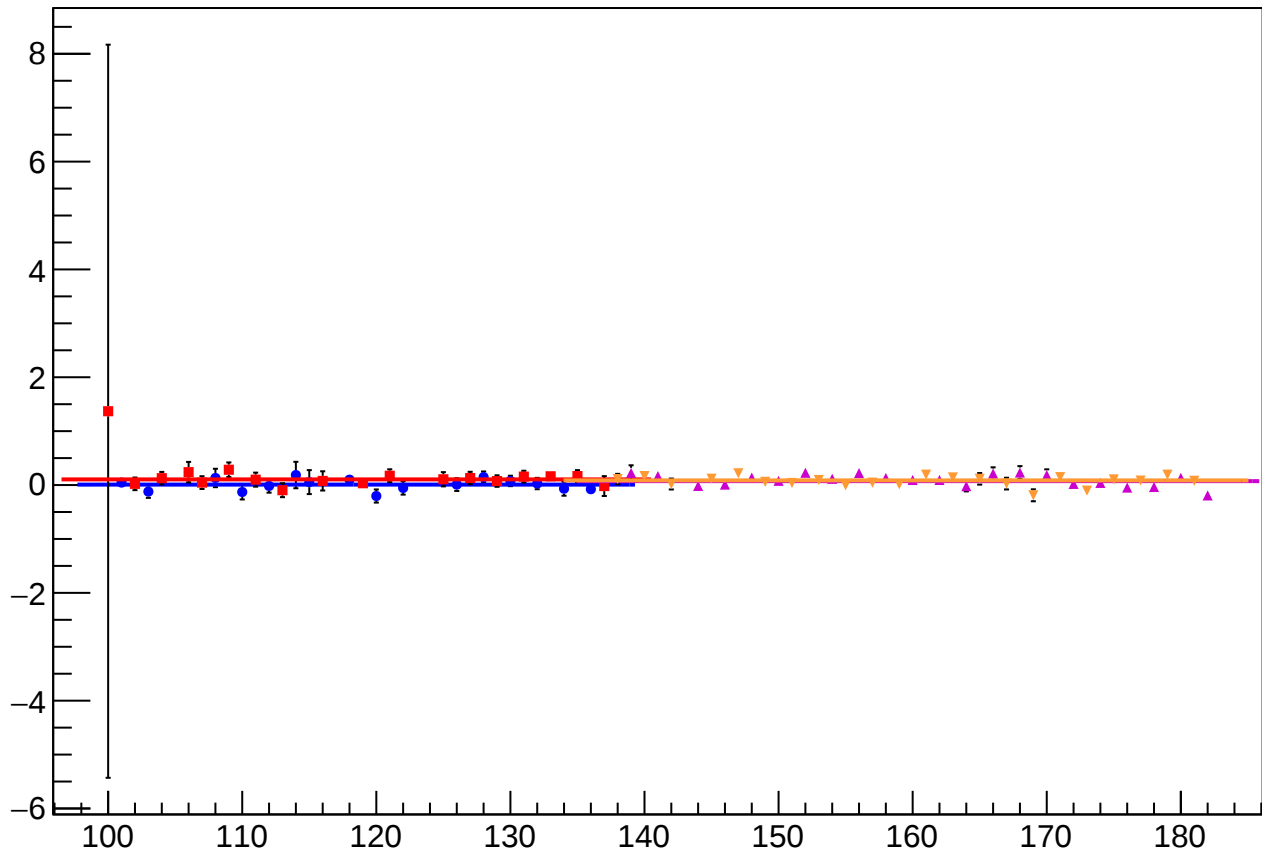
Left In: -0.011 ± 0.018 χ^2/NDF : 36.4/21

+ sign 0.036 ± 0.017 χ^2/NDF : 40.5/37

All: 0.015 ± 0.012 χ^2/NDF : 89.6/77

- sign -0.005 ± 0.017 χ^2/NDF : 46.2/39

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.008 ± 0.027 χ^2/NDF : 11.7/15

Left Out: 0.086 ± 0.017 χ^2/NDF : 27.7/21

Right Out: 0.105 ± 0.029 χ^2/NDF : 8.1/17

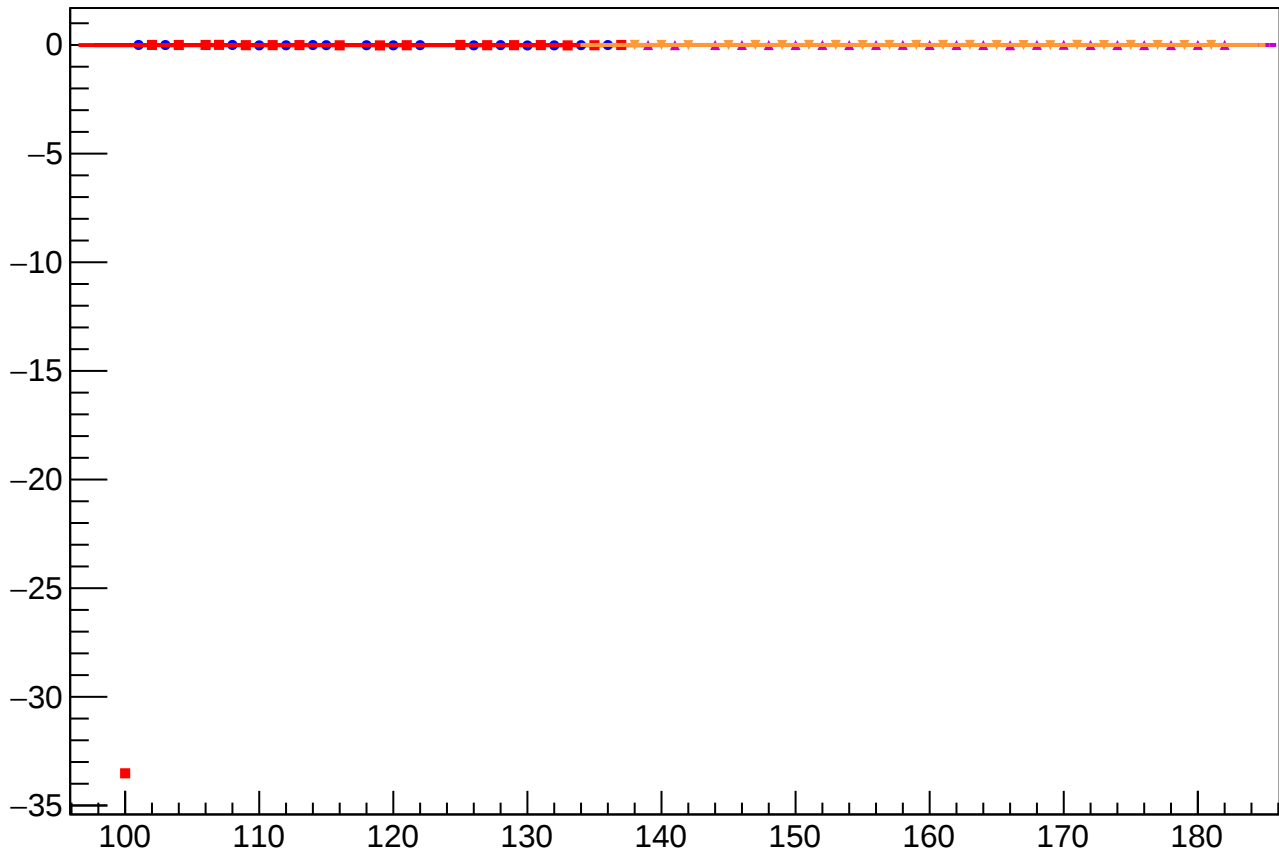
Left In: 0.073 ± 0.016 χ^2/NDF : 43.2/21

+ sign 0.065 ± 0.014 χ^2/NDF : 45.4/37

All: 0.073 ± 0.010 χ^2/NDF : 98.3/77

- sign 0.081 ± 0.014 χ^2/NDF : 52.3/39

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2 /NDF: 21.5/15

Left Out: 0.001+/-0.001 χ^2 /NDF: 20.3/21

Right Out: -0.006+/-0.001 χ^2 /NDF: 26508.9/17

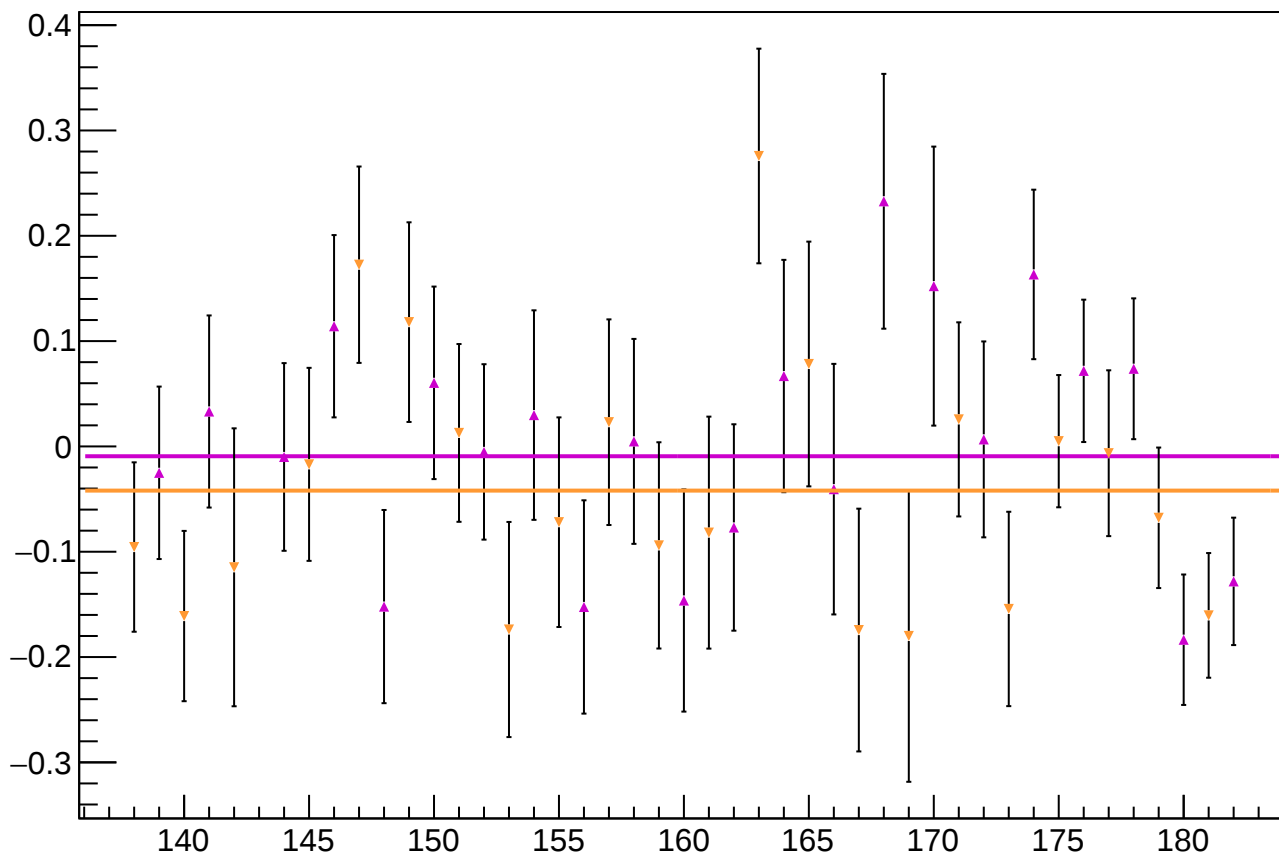
Left In: 0.000+/-0.001 χ^2 /NDF: 21.8/21

+ sign -0.001+/-0.001 χ^2 /NDF: 56.2/37

All: -0.001+/-0.000 χ^2 /NDF: 26601.4/77

- sign -0.001+/-0.001 χ^2 /NDF: 26545.0/39

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.042 $\pm$ 0.019 χ^2 /NDF: 34.2/21

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

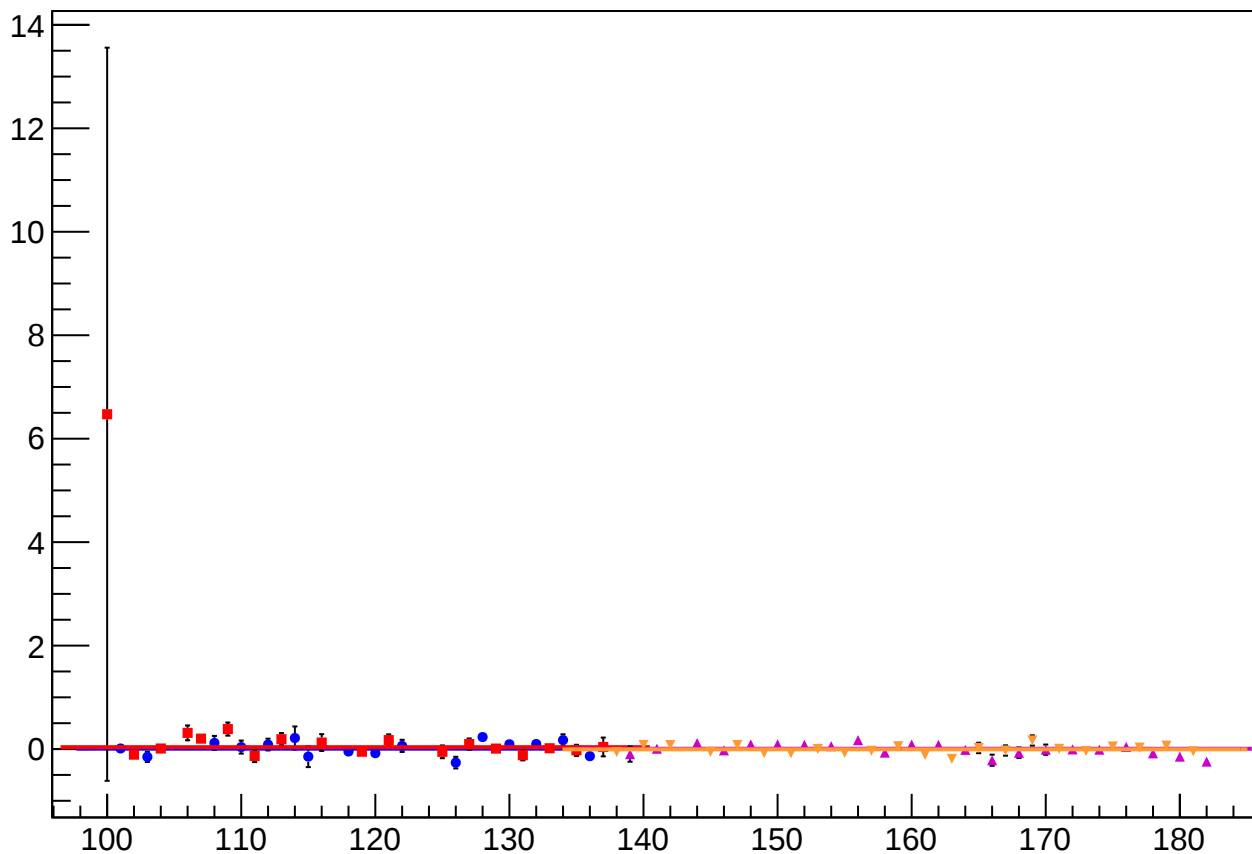
Left In: -0.009 $\pm$ 0.018 χ^2 /NDF: 35.1/21

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

All: -0.025 $\pm$ 0.013 χ^2 /NDF: 70.8/43

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

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.008 ± 0.023 χ^2/NDF : 25.1/15

Left Out: -0.005 ± 0.015 χ^2/NDF : 26.2/21

Right Out: 0.037 ± 0.025 χ^2/NDF : 28.7/17

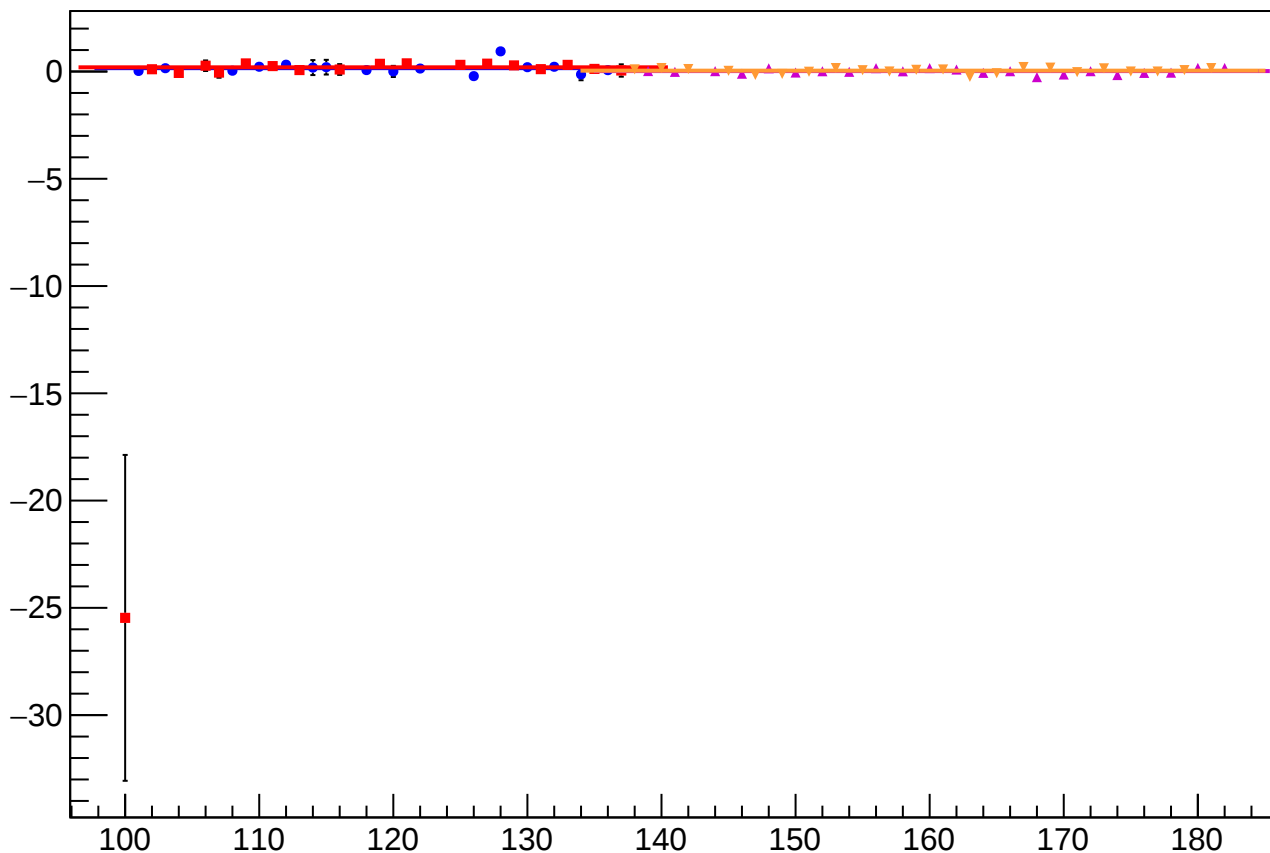
Left In: 0.006 ± 0.015 χ^2/NDF : 49.4/21

+ sign -0.002 ± 0.012 χ^2/NDF : 51.6/37

All: 0.006 ± 0.009 χ^2/NDF : 131.6/77

- sign 0.014 ± 0.013 χ^2/NDF : 79.2/39

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.157 $\pm$ 0.043 χ^2 /NDF: 29.7/15

Left Out: 0.040 $\pm$ 0.019 χ^2 /NDF: 33.0/21

Right Out: 0.195 $\pm$ 0.045 χ^2 /NDF: 22.0/17

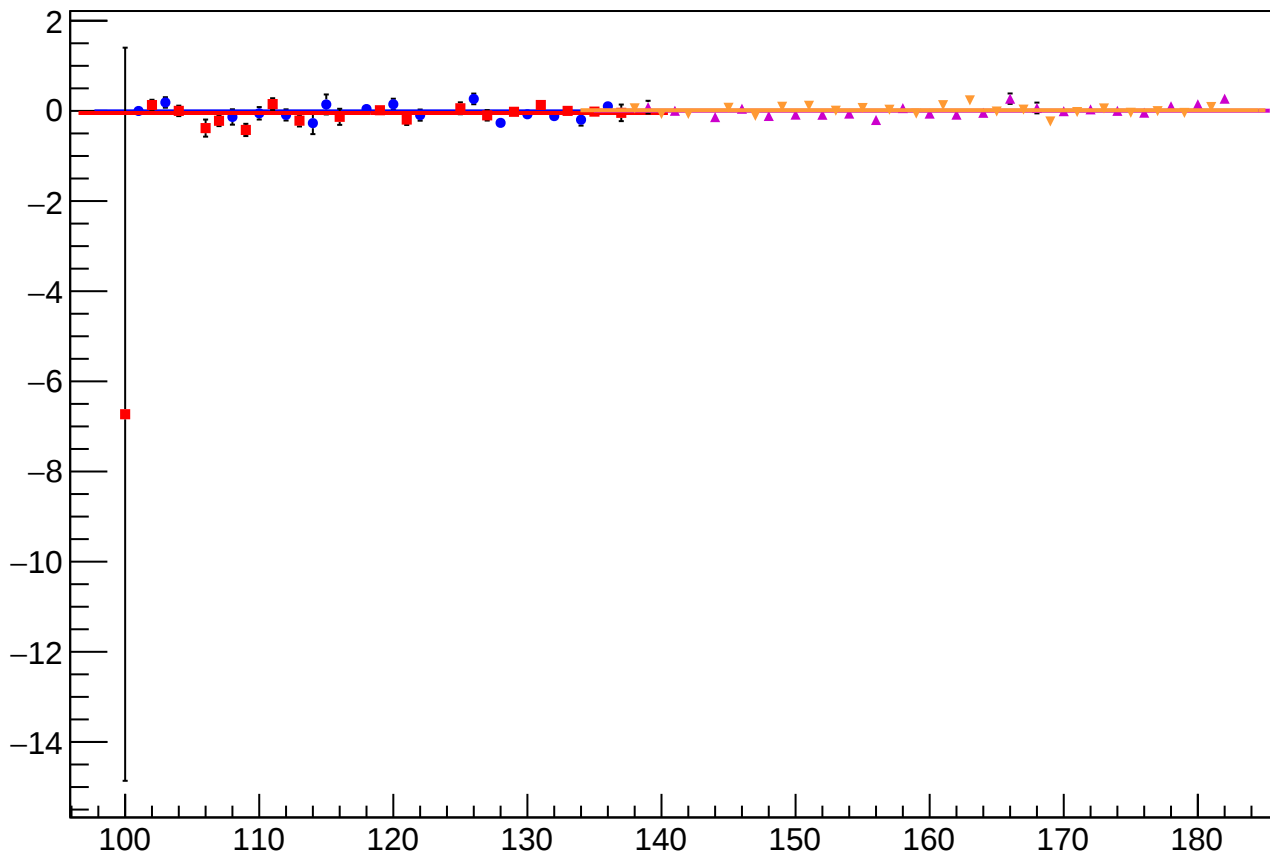
Left In: 0.019 $\pm$ 0.018 χ^2 /NDF: 35.8/21

+ sign 0.058 $\pm$ 0.017 χ^2 /NDF: 69.0/37

All: 0.051 $\pm$ 0.012 χ^2 /NDF: 140.1/77

- sign 0.044 $\pm$ 0.017 χ^2 /NDF: 70.8/39

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.010 ± 0.027 χ^2/NDF : 24.6/15

Left Out: 0.015 ± 0.017 χ^2/NDF : 29.0/21

Right Out: -0.046 ± 0.029 χ^2/NDF : 26.3/17

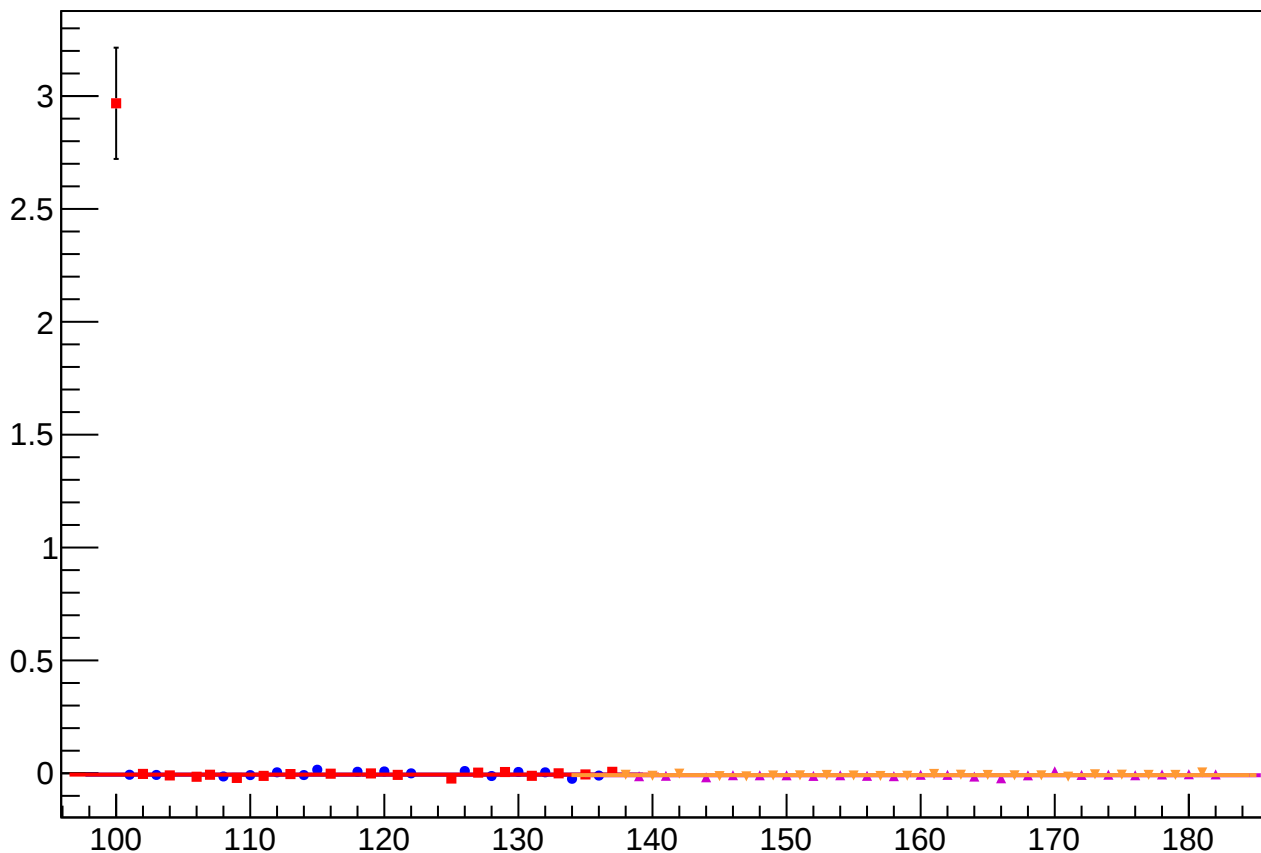
Left In: 0.004 ± 0.016 χ^2/NDF : 49.7/21

+ sign 0.008 ± 0.014 χ^2/NDF : 54.2/37

All: -0.000 ± 0.010 χ^2/NDF : 133.1/77

- sign -0.008 ± 0.014 χ^2/NDF : 78.3/39

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 27.4/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 29.7/21

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.3/17

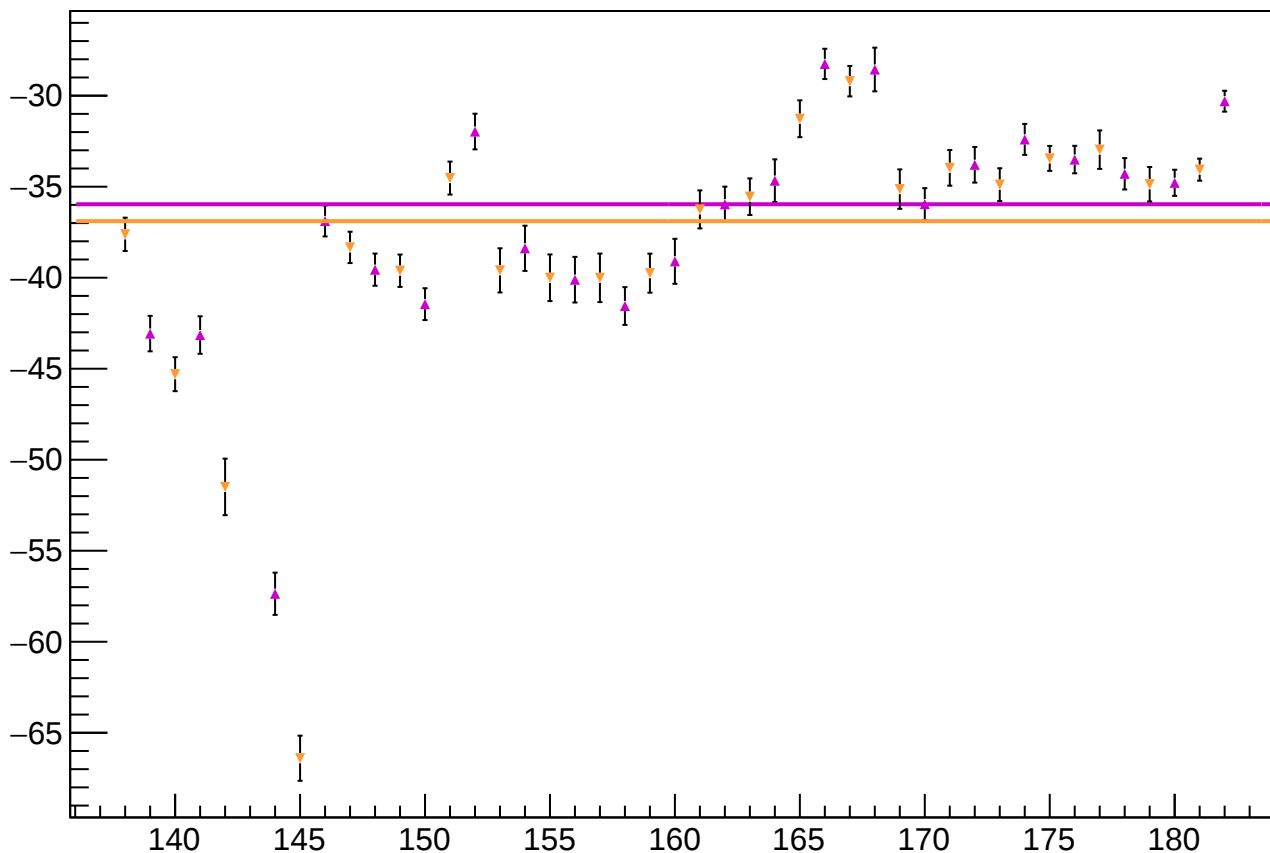
Left In: -0.009 ± 0.001 χ^2/NDF : 37.0/21

+ sign -0.008 ± 0.001 χ^2/NDF : 58.6/37

All: -0.008 ± 0.000 χ^2/NDF : 264.2/77

- sign -0.008 ± 0.001 χ^2/NDF : 205.3/39

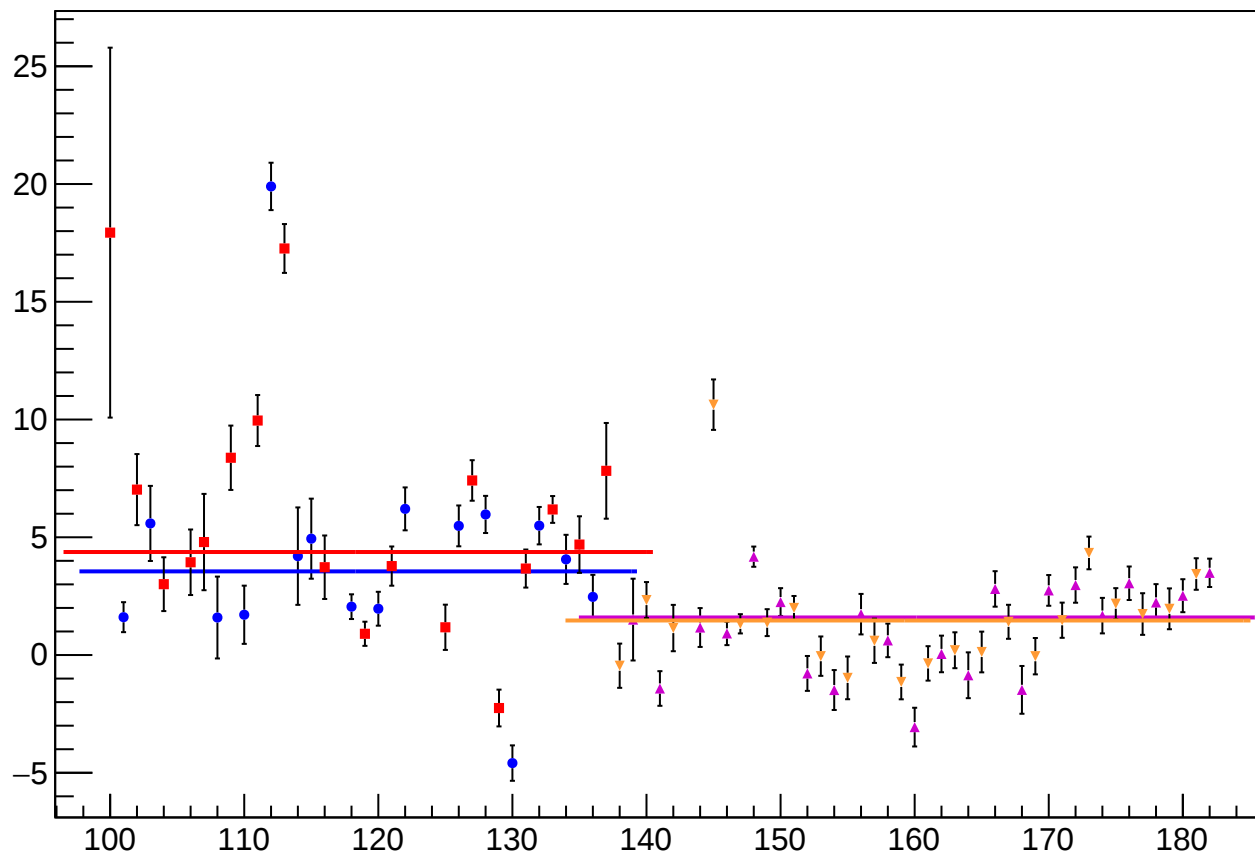
reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.893+/-0.203 χ^2/NDF : 978.7/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.964+/-0.195 χ^2/NDF : 828.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -36.409+/-0.141 χ^2/NDF : 1817.6/43
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.552 ± 0.221 χ^2/NDF : 439.9/15

Left Out: 1.467 ± 0.153 χ^2/NDF : 146.4/21

Right Out: 4.374 ± 0.225 χ^2/NDF : 353.1/17

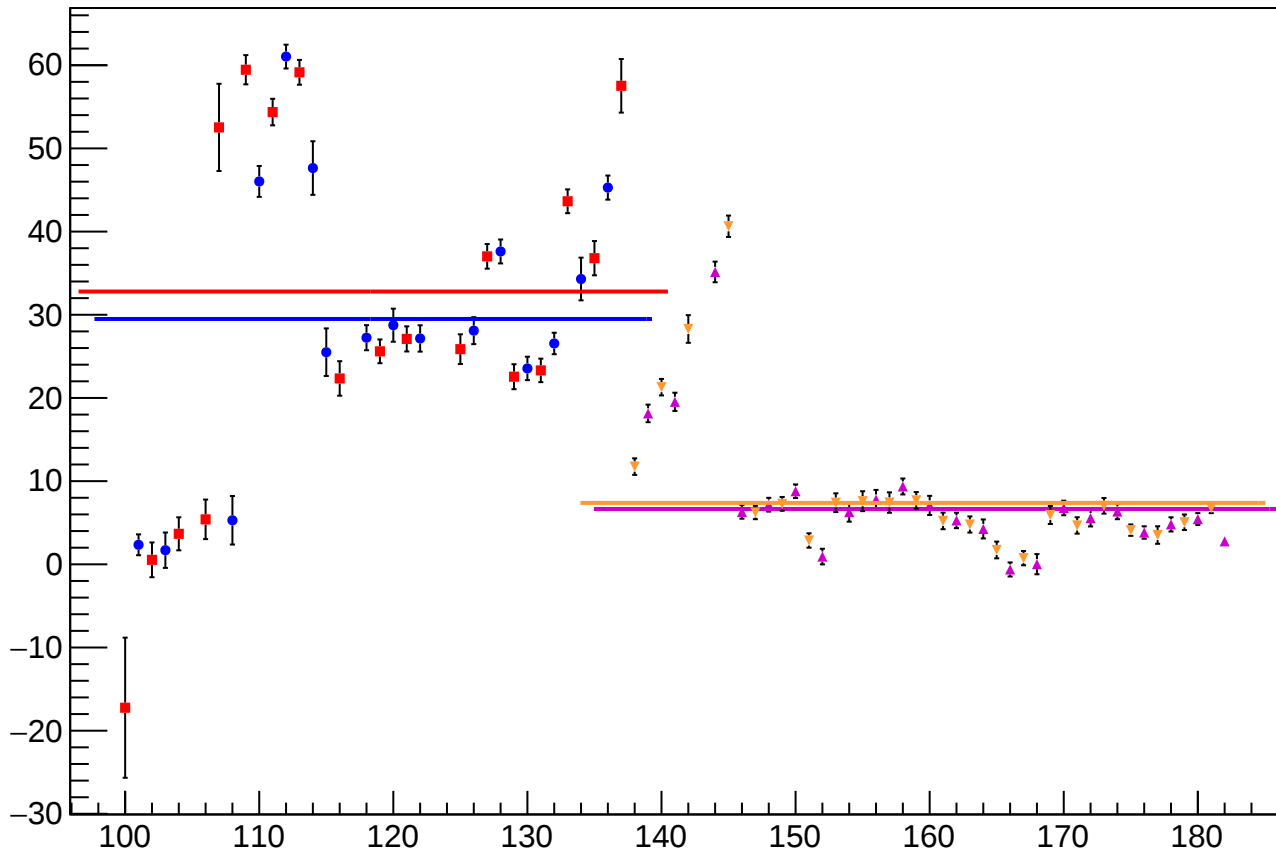
Left In: 1.595 ± 0.151 χ^2/NDF : 158.9/21

+ sign 2.142 ± 0.126 χ^2/NDF : 646.7/37

All: 2.300 ± 0.089 χ^2/NDF : 1267.0/77

- sign 2.458 ± 0.126 χ^2/NDF : 617.1/39

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.493 ± 0.420 χ^2/NDF : 1489.7/15

Left Out: 7.384 ± 0.201 χ^2/NDF : 1228.0/21

Right Out: 32.793 ± 0.424 χ^2/NDF : 1660.2/17

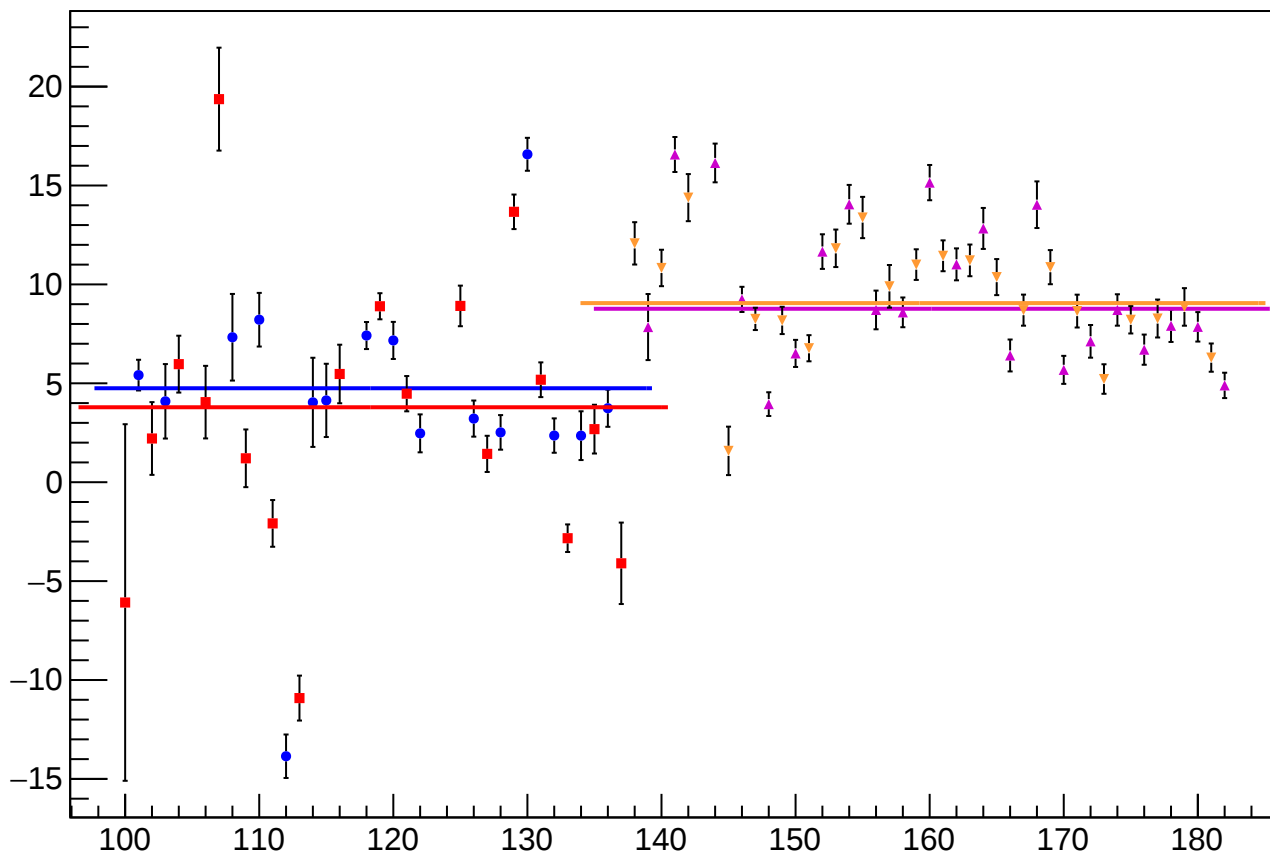
Left In: 6.652 ± 0.193 χ^2/NDF : 1013.8/21

+ sign 11.515 ± 0.182 χ^2/NDF : 4967.3/37

All: 11.333 ± 0.126 χ^2/NDF : 10794.2/77

- sign 11.162 ± 0.176 χ^2/NDF : 5824.9/39

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.750 ± 0.255 $\chi^2/\text{NDF}: 546.5/15$

Left Out: 9.054 ± 0.176 $\chi^2/\text{NDF}: 184.3/21$

Right Out: 3.789 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

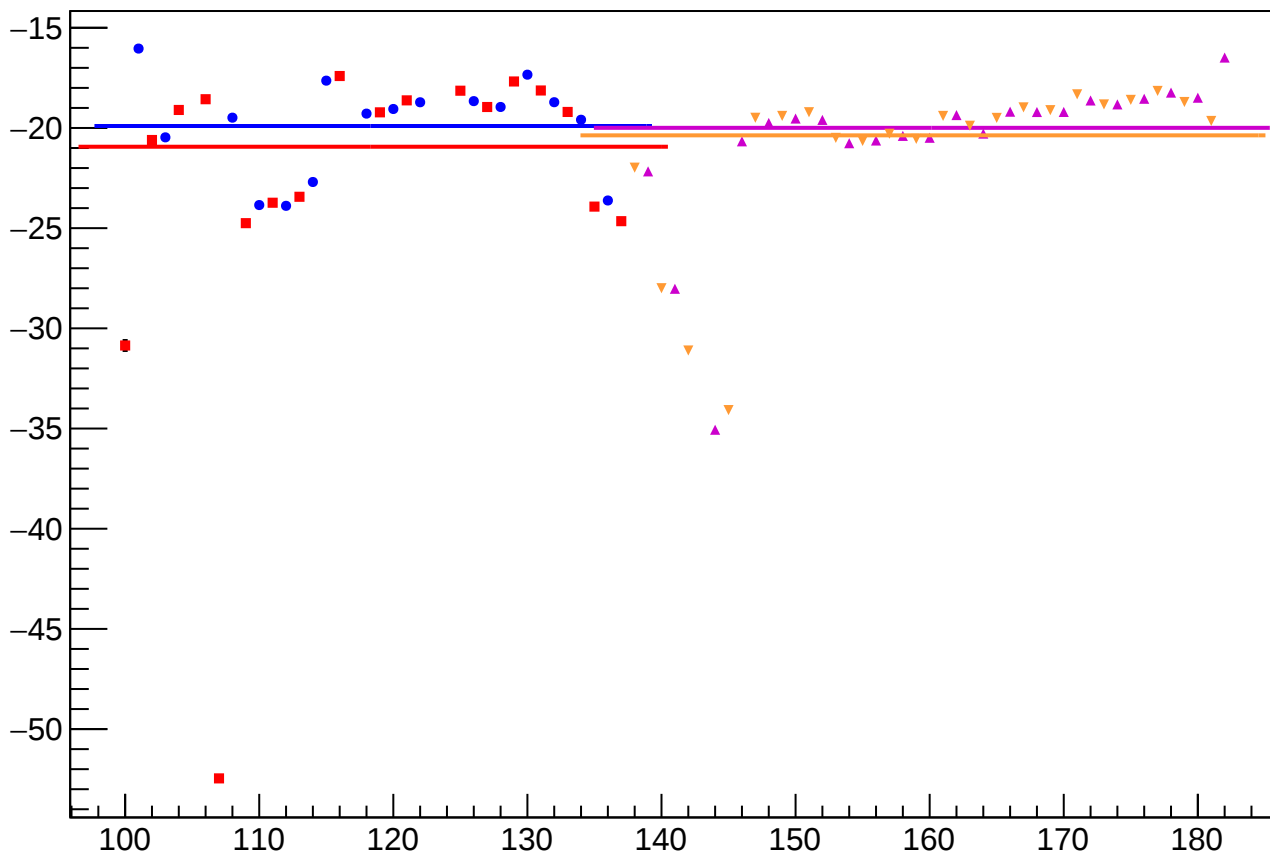
Left In: 8.768 ± 0.172 $\chi^2/\text{NDF}: 423.0/21$

+ sign 7.665 ± 0.145 $\chi^2/\text{NDF}: 924.6/37$

All: 7.451 ± 0.102 $\chi^2/\text{NDF}: 2172.8/77$

- sign 7.241 ± 0.143 $\chi^2/\text{NDF}: 1243.9/39$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 χ^2/NDF : 26019.5/15

Left Out: -20.368 ± 0.008 χ^2/NDF : 150339.4/21

Right Out: -20.936 ± 0.016 χ^2/NDF : 93988.8/17

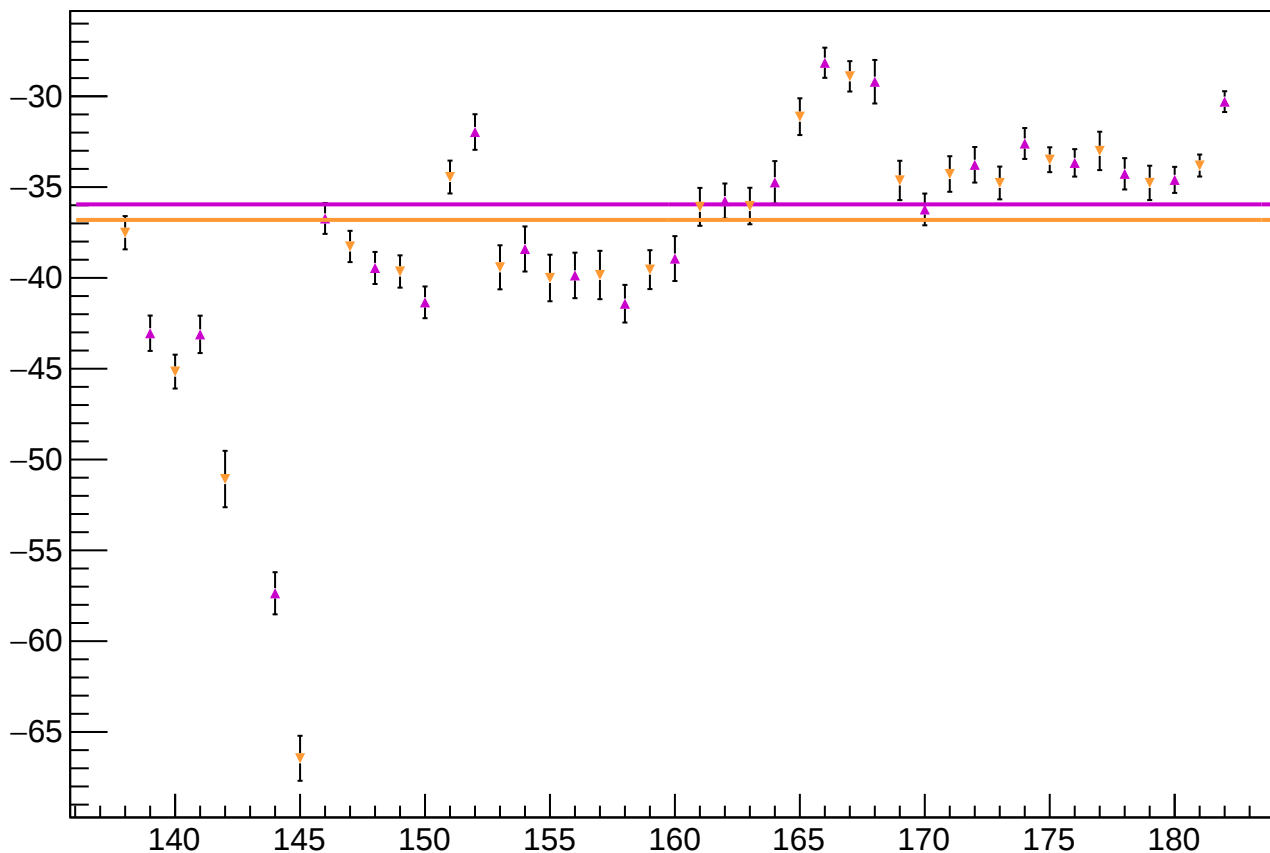
Left In: -19.993 ± 0.008 χ^2/NDF : 138995.0/21

+ sign -20.267 ± 0.007 χ^2/NDF : 177052.5/37

All: -20.224 ± 0.005 χ^2/NDF : 412959.3/77

- sign -20.185 ± 0.007 χ^2/NDF : 235842.5/39

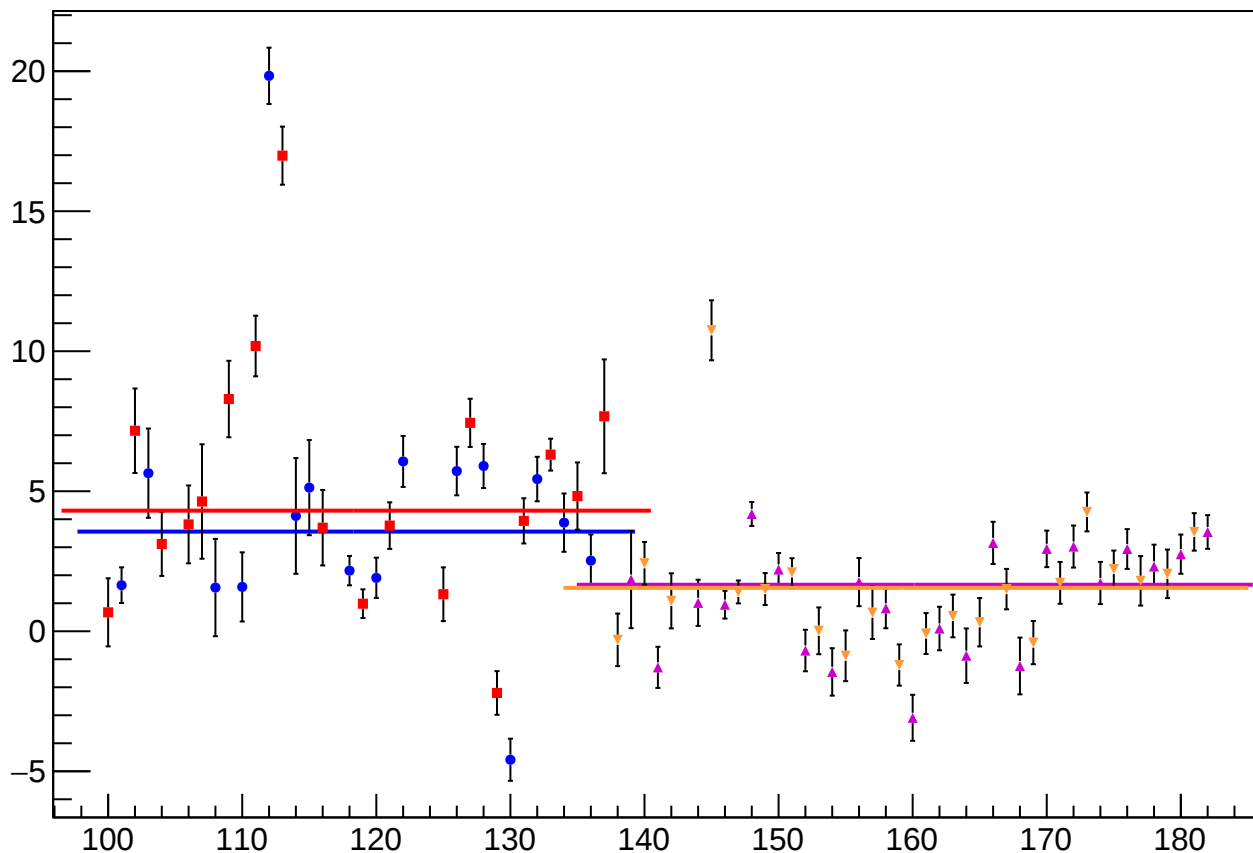
reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.807+/-0.203 χ^2/NDF : 983.5/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.952+/-0.195 χ^2/NDF : 816.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -36.362+/-0.140 χ^2/NDF : 1809.0/43
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.559 ± 0.221 χ^2/NDF : 437.1/15

Left Out: 1.550 ± 0.153 χ^2/NDF : 146.8/21

Right Out: 4.307 ± 0.221 χ^2/NDF : 352.1/17

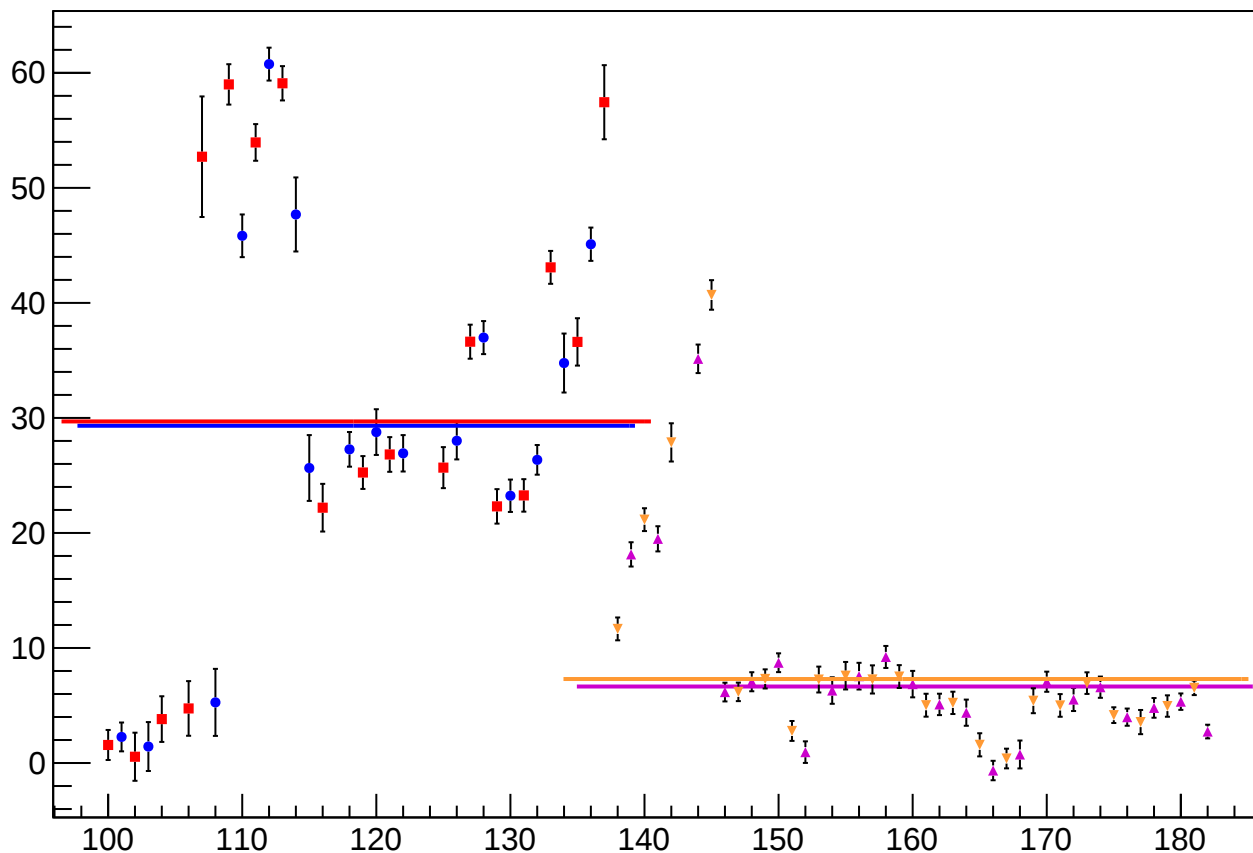
Left In: 1.661 ± 0.151 χ^2/NDF : 159.1/21

+ sign 2.201 ± 0.126 χ^2/NDF : 640.0/37

All: 2.352 ± 0.089 χ^2/NDF : 1251.6/77

- sign 2.502 ± 0.125 χ^2/NDF : 608.7/39

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.321 $\pm$ 0.420 χ^2 /NDF: 1483.3/15

Left Out: 7.302 $\pm$ 0.201 χ^2 /NDF:1228.8/21

Right Out: 29.696 $\pm$ 0.403 χ^2 /NDF: 2129.0/17

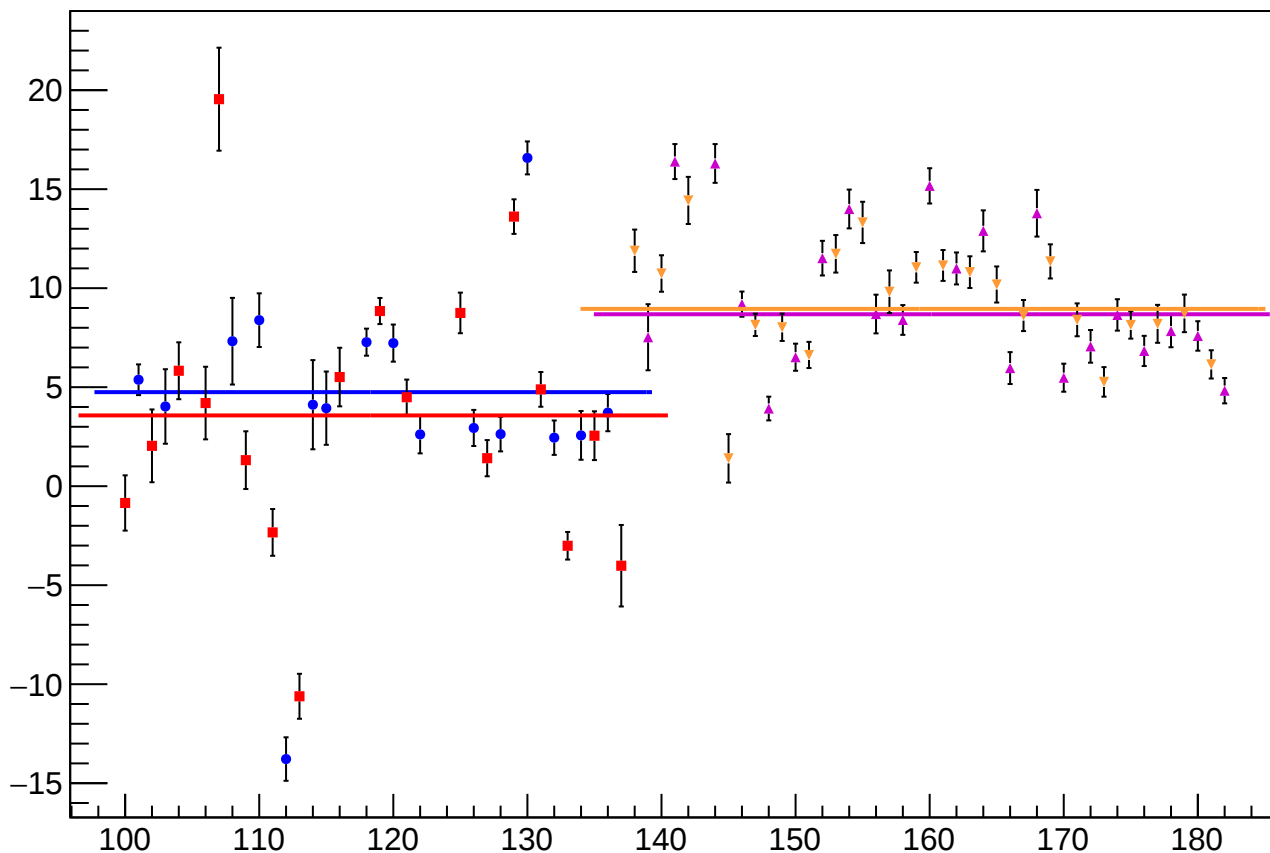
Left In: 6.650 $\pm$ 0.193 χ^2 /NDF:1006.3/21

+ sign 11.417 $\pm$ 0.182 χ^2 /NDF: 4946.4/37

All: 11.179 $\pm$ 0.126 χ^2 /NDF: 10741.9/77

- sign 10.960 $\pm$ 0.174 χ^2 /NDF: 5792.3/39

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.749 ± 0.254 $\chi^2/\text{NDF}: 543.1/15$

Left Out: 8.954 ± 0.176 $\chi^2/\text{NDF}: 186.3/21$

Right Out: 3.573 ± 0.255 $\chi^2/\text{NDF}: 570.4/17$

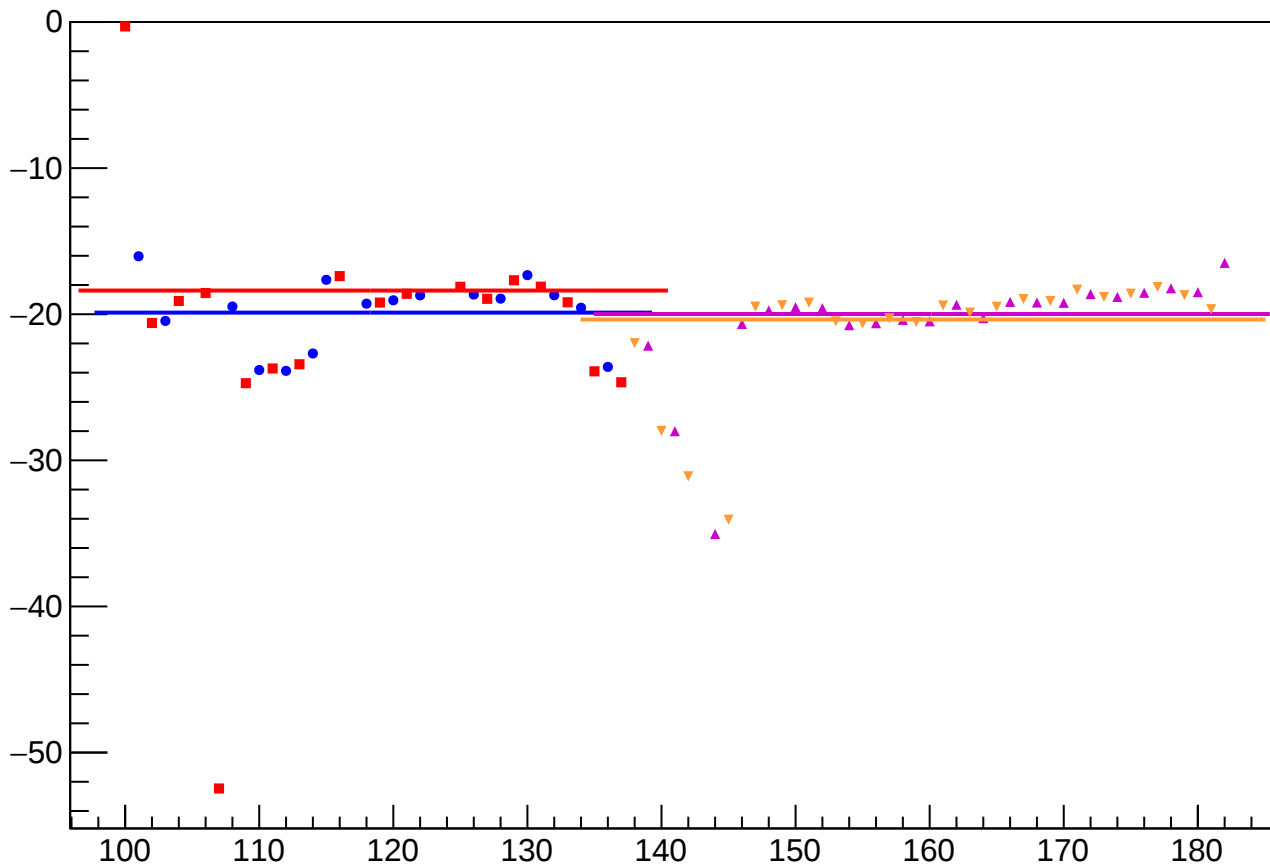
Left In: 8.683 ± 0.172 $\chi^2/\text{NDF}: 428.6/21$

+ sign 7.596 ± 0.145 $\chi^2/\text{NDF}: 914.4/37$

All: 7.334 ± 0.102 $\chi^2/\text{NDF}: 2196.3/77$

- sign 7.079 ± 0.143 $\chi^2/\text{NDF}: 1275.3/39$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 χ^2/NDF : 26008.9/15

Left Out: -20.361 ± 0.008 χ^2/NDF : 150412.3/21

Right Out: -18.378 ± 0.015 χ^2/NDF : 301009.6/17

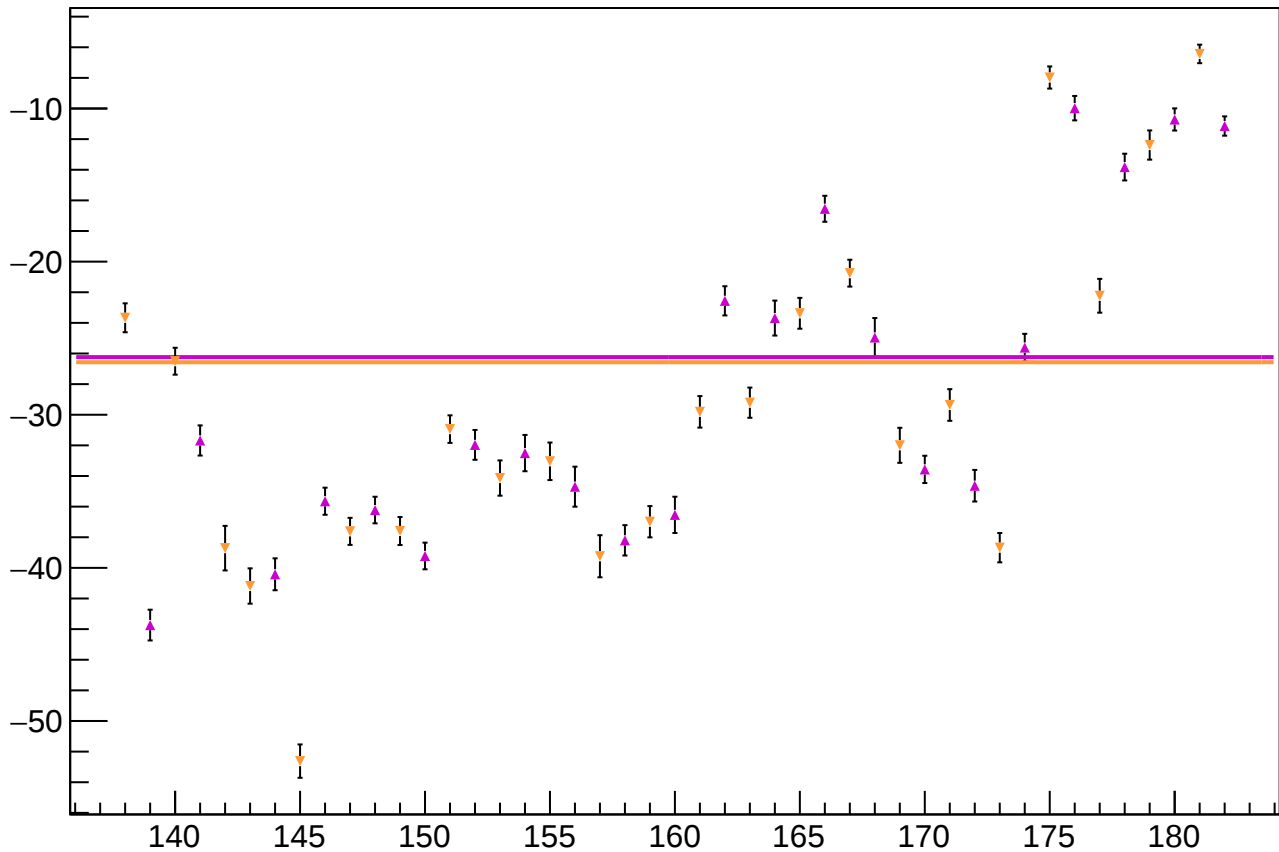
Left In: -19.986 ± 0.008 χ^2/NDF : 138846.5/21

+ sign -20.259 ± 0.007 χ^2/NDF : 177131.0/37

All: -19.928 ± 0.005 χ^2/NDF : 630097.8/77

- sign -19.624 ± 0.007 χ^2/NDF : 449041.9/39

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -26.570+/-0.201 χ^2/NDF : 3663.2/22

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

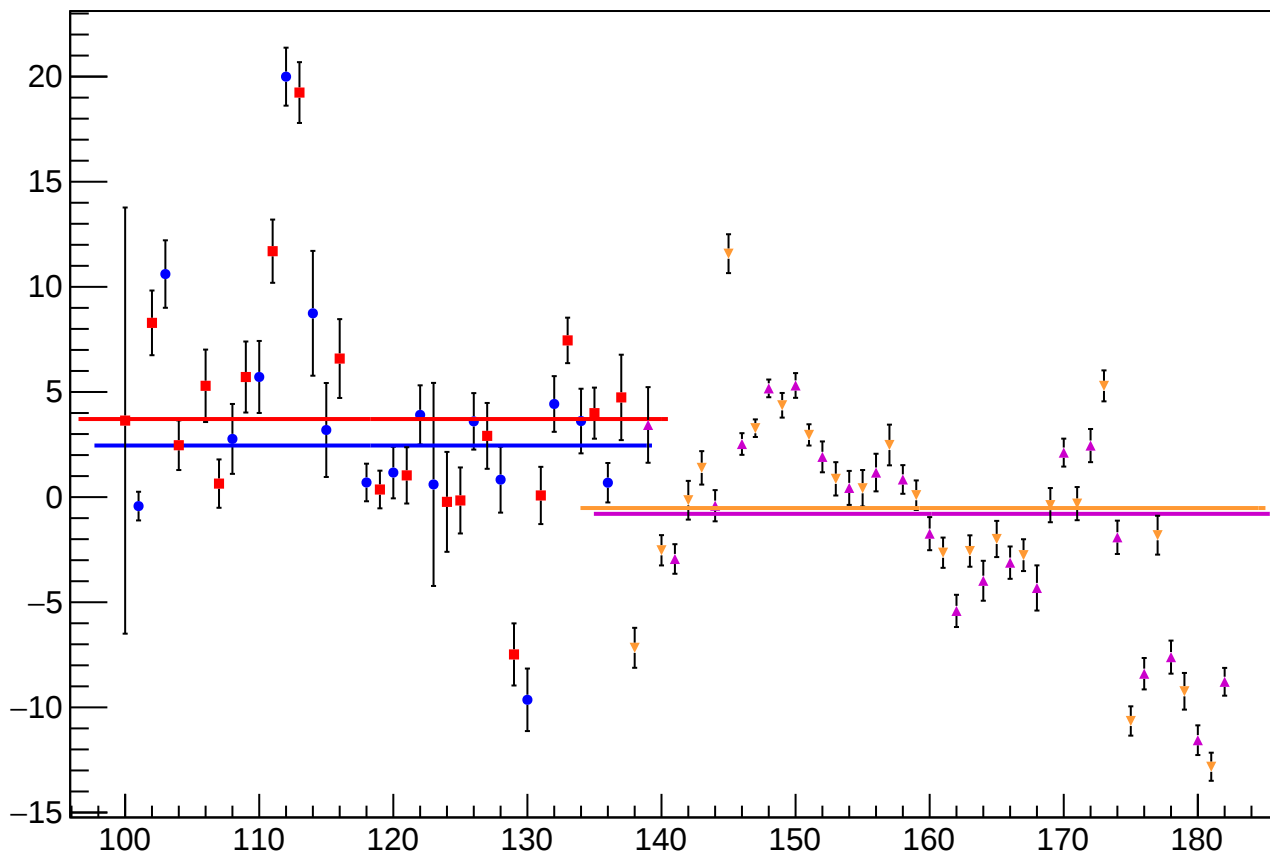
Left In: -26.236+/-0.198 χ^2/NDF : 3250.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.400+/-0.141 χ^2/NDF : 6914.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.454 ± 0.315 χ^2/NDF : 294.3/16

Left Out: -0.519 ± 0.151 χ^2/NDF : 1189.9/22

Right Out: 3.714 ± 0.327 χ^2/NDF : 269.1/18

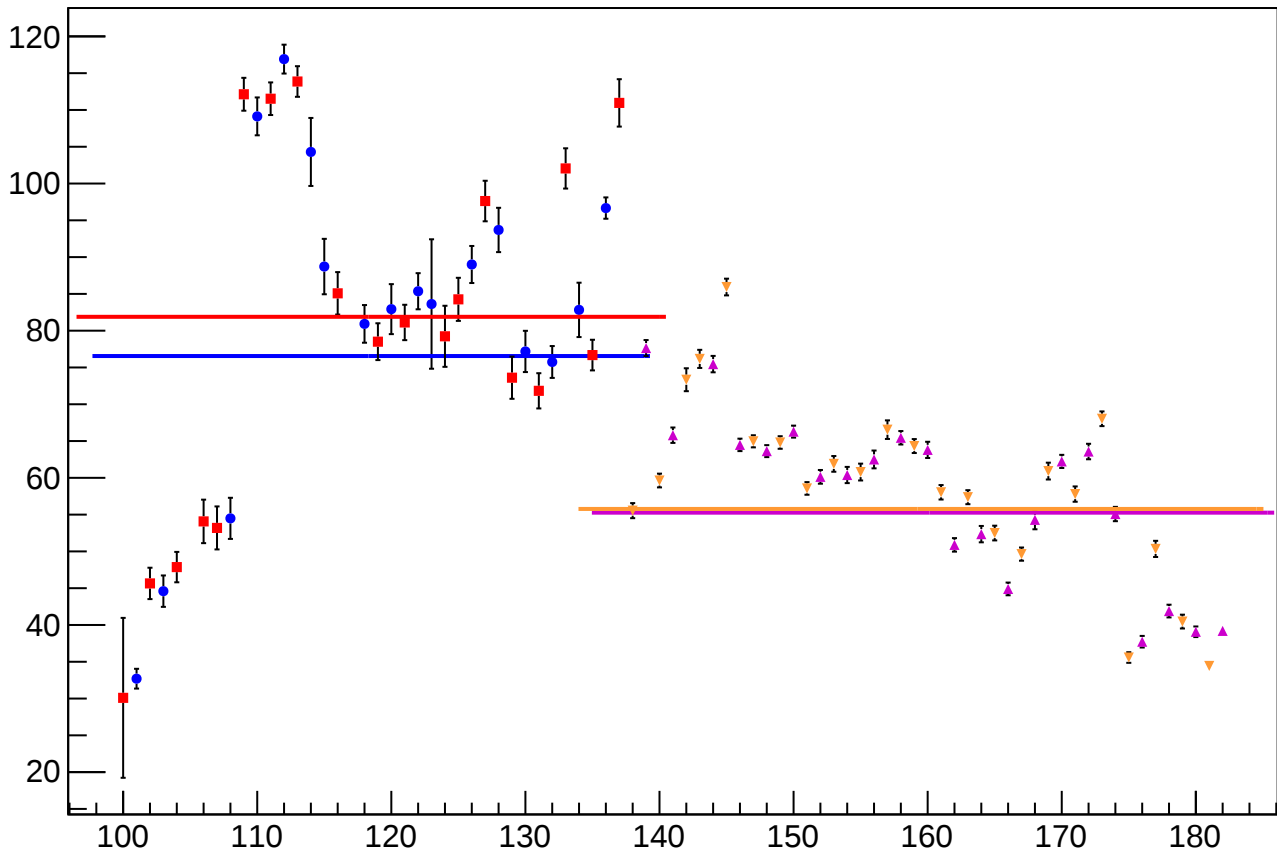
Left In: -0.796 ± 0.152 χ^2/NDF : 1055.6/21

+ sign 0.035 ± 0.136 χ^2/NDF : 1556.8/39

All: 0.020 ± 0.097 χ^2/NDF : 3038.2/80

- sign 0.005 ± 0.138 χ^2/NDF : 1481.3/40

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.555 $\pm$ 0.577 χ^2 /NDF: 2252.8/16

Left Out: 55.772 $\pm$ 0.200 χ^2 /NDF: 4038.5/22

Right Out: 81.886 $\pm$ 0.593 χ^2 /NDF: 1570.8/18

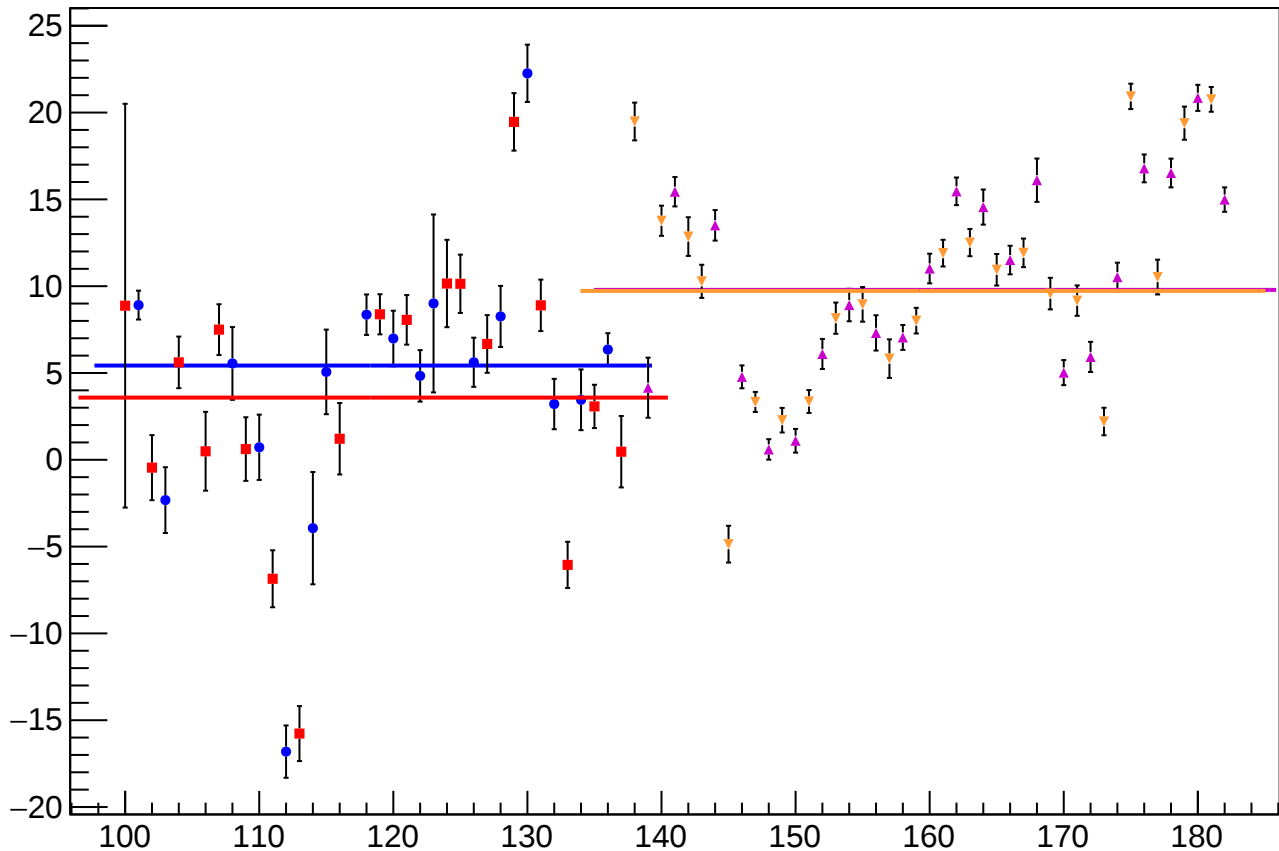
Left In: 55.265 $\pm$ 0.196 χ^2 /NDF: 3665.8/21

+ sign 58.002 $\pm$ 0.189 χ^2 /NDF: 7449.8/39

All: 57.945 $\pm$ 0.133 χ^2 /NDF: 14503.8/80

- sign 57.890 $\pm$ 0.186 χ^2 /NDF: 7053.9/40

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.428 ± 0.361 $\chi^2/\text{NDF}: 385.7/16$

Left Out: 9.727 ± 0.174 $\chi^2/\text{NDF}: 1346.4/22$

Right Out: 3.582 ± 0.376 $\chi^2/\text{NDF}: 421.6/18$

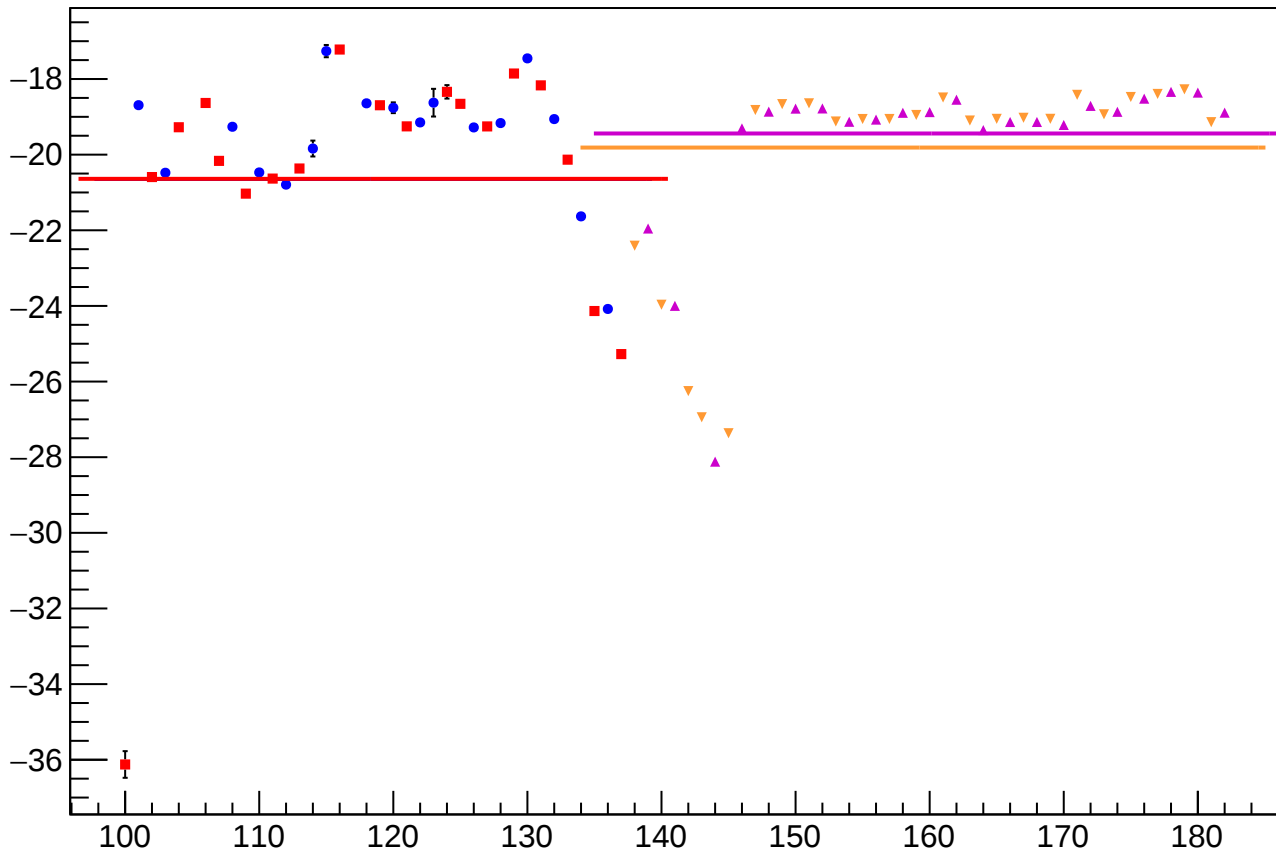
Left In: 9.787 ± 0.173 $\chi^2/\text{NDF}: 1158.3/21$

+ sign 8.919 ± 0.156 $\chi^2/\text{NDF}: 1847.3/39$

All: 8.808 ± 0.111 $\chi^2/\text{NDF}: 3653.2/80$

- sign 8.696 ± 0.157 $\chi^2/\text{NDF}: 1804.9/40$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.644 ± 0.019 χ^2/NDF : 12424.2/16

Left Out: -19.813 ± 0.008 χ^2/NDF : 87367.9/22

Right Out: -20.640 ± 0.019 χ^2/NDF : 13785.9/18

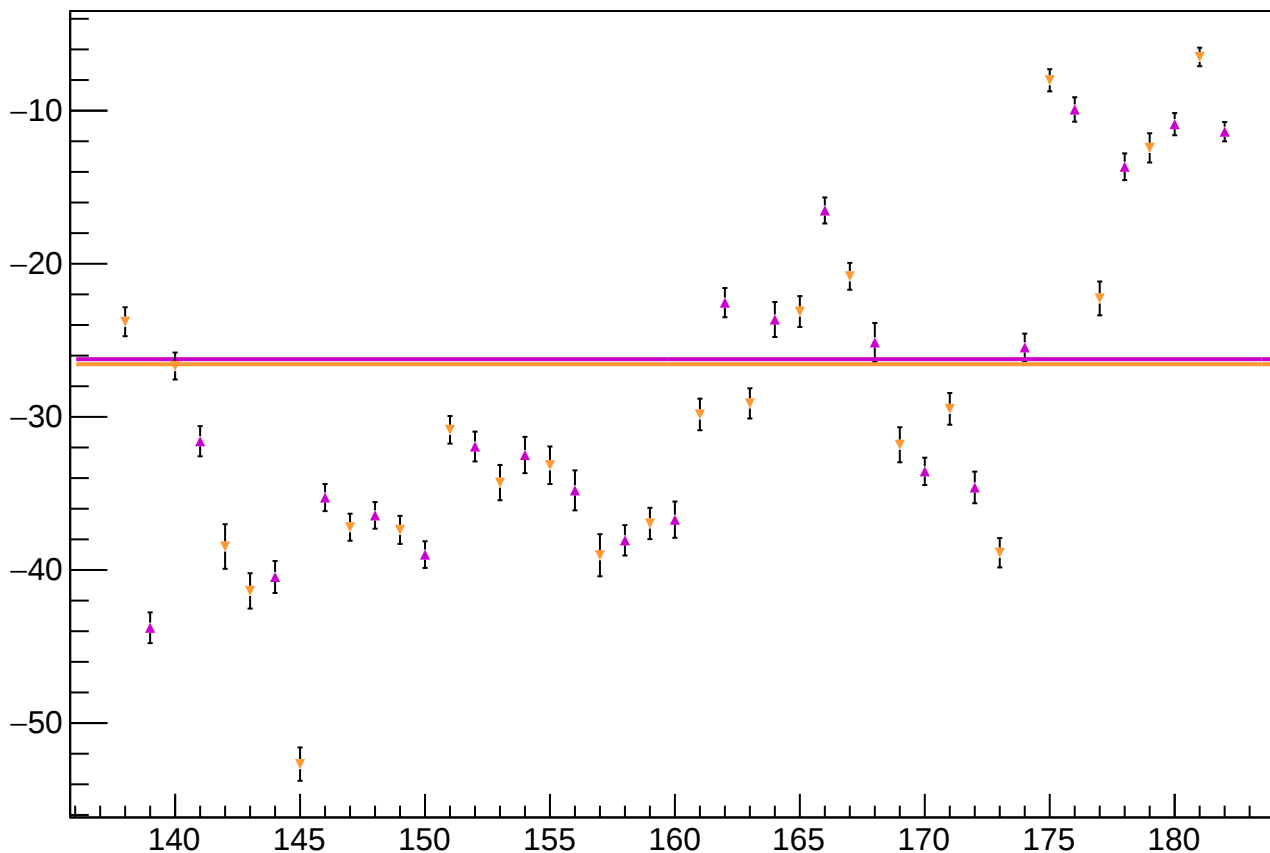
Left In: -19.440 ± 0.008 χ^2/NDF : 53154.4/21

+ sign -19.939 ± 0.008 χ^2/NDF : 101355.9/39

All: -19.775 ± 0.005 χ^2/NDF : 172472.1/80

- sign -19.615 ± 0.007 χ^2/NDF : 70181.7/40

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -26.563+/-0.201 χ^2/NDF : 3638.9/22

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

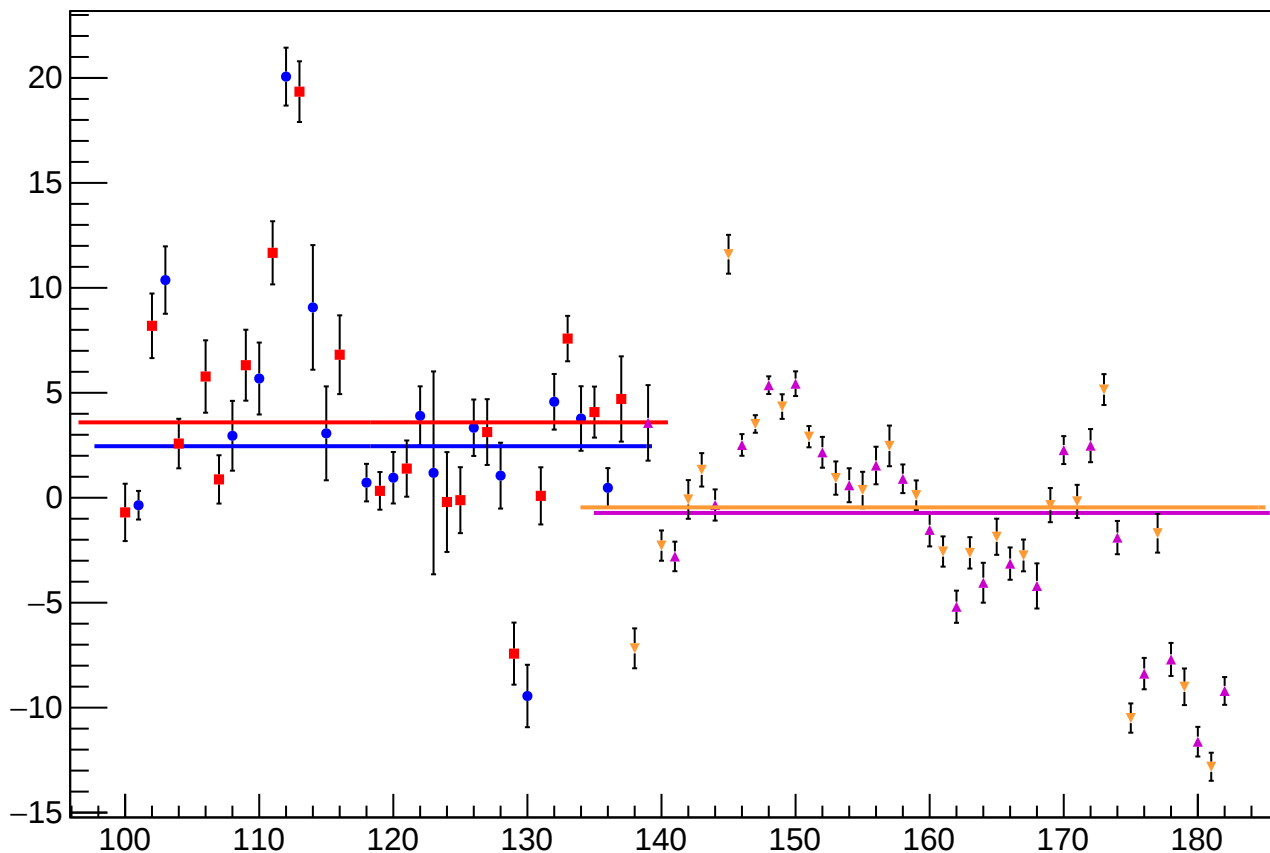
Left In: -26.232+/-0.198 χ^2/NDF : 3216.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.395+/-0.141 χ^2/NDF : 6857.1/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 χ^2/NDF : 292.3/16

Left Out: -0.459 ± 0.151 χ^2/NDF : 1180.4/22

Right Out: 3.592 ± 0.318 χ^2/NDF : 280.0/18

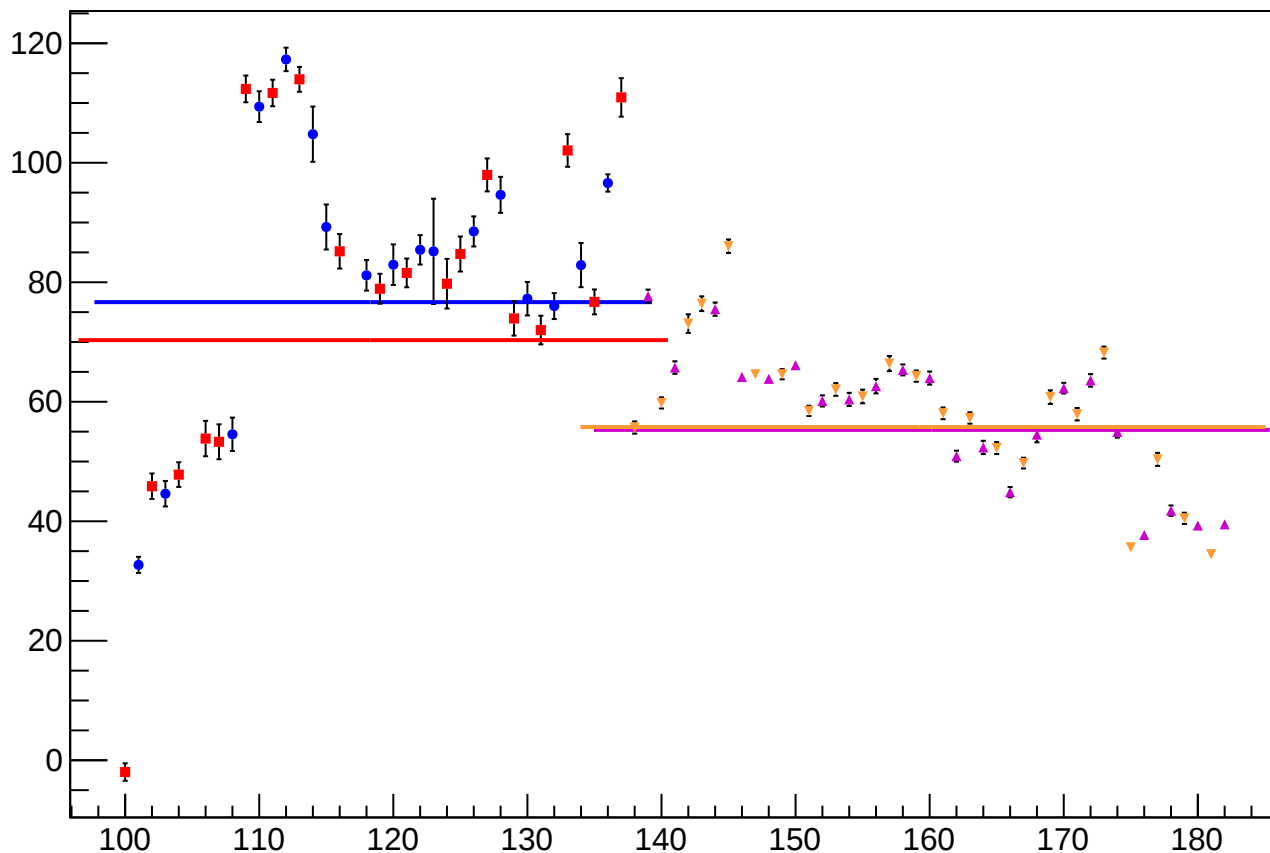
Left In: -0.724 ± 0.152 χ^2/NDF : 1094.4/21

+ sign 0.084 ± 0.136 χ^2/NDF : 1542.3/39

All: 0.081 ± 0.097 χ^2/NDF : 3066.7/80

- sign 0.077 ± 0.137 χ^2/NDF : 1524.4/40

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.675 $\pm$ 0.577 χ^2 /NDF: 2264.8/16

Left Out: 55.768 $\pm$ 0.200 χ^2 /NDF: 4023.1/22

Right Out: 70.316 $\pm$ 0.551 χ^2 /NDF: 4387.2/18

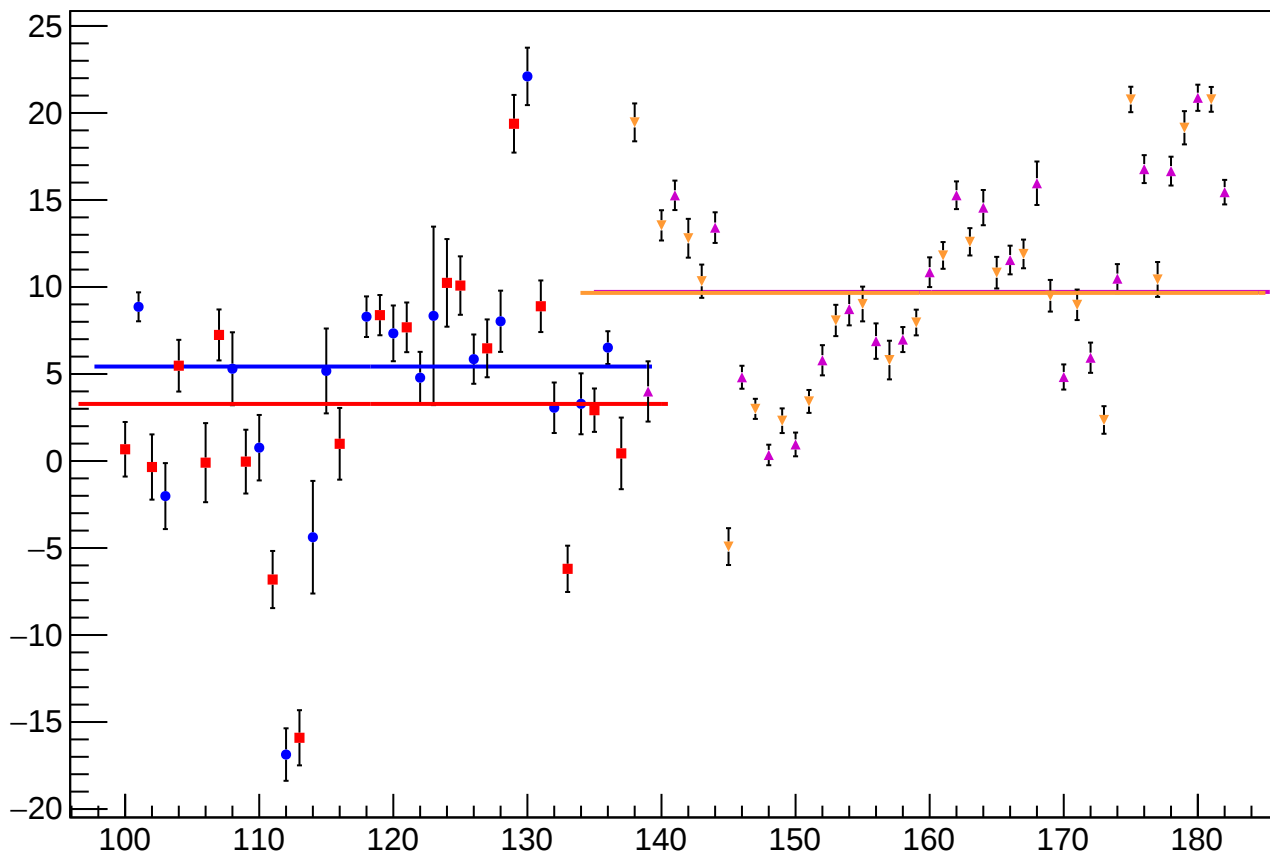
Left In: 55.291 $\pm$ 0.196 χ^2 /NDF: 3626.9/21

+ sign 58.012 $\pm$ 0.189 χ^2 /NDF: 7459.0/39

All: 57.487 $\pm$ 0.132 χ^2 /NDF: 16149.1/80

- sign 56.985 $\pm$ 0.185 χ^2 /NDF: 8675.0/40

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.428 ± 0.361 χ^2/NDF : 384.2/16

Left Out: 9.661 ± 0.174 χ^2/NDF : 1340.2/22

Right Out: 3.280 ± 0.366 χ^2/NDF : 425.0/18

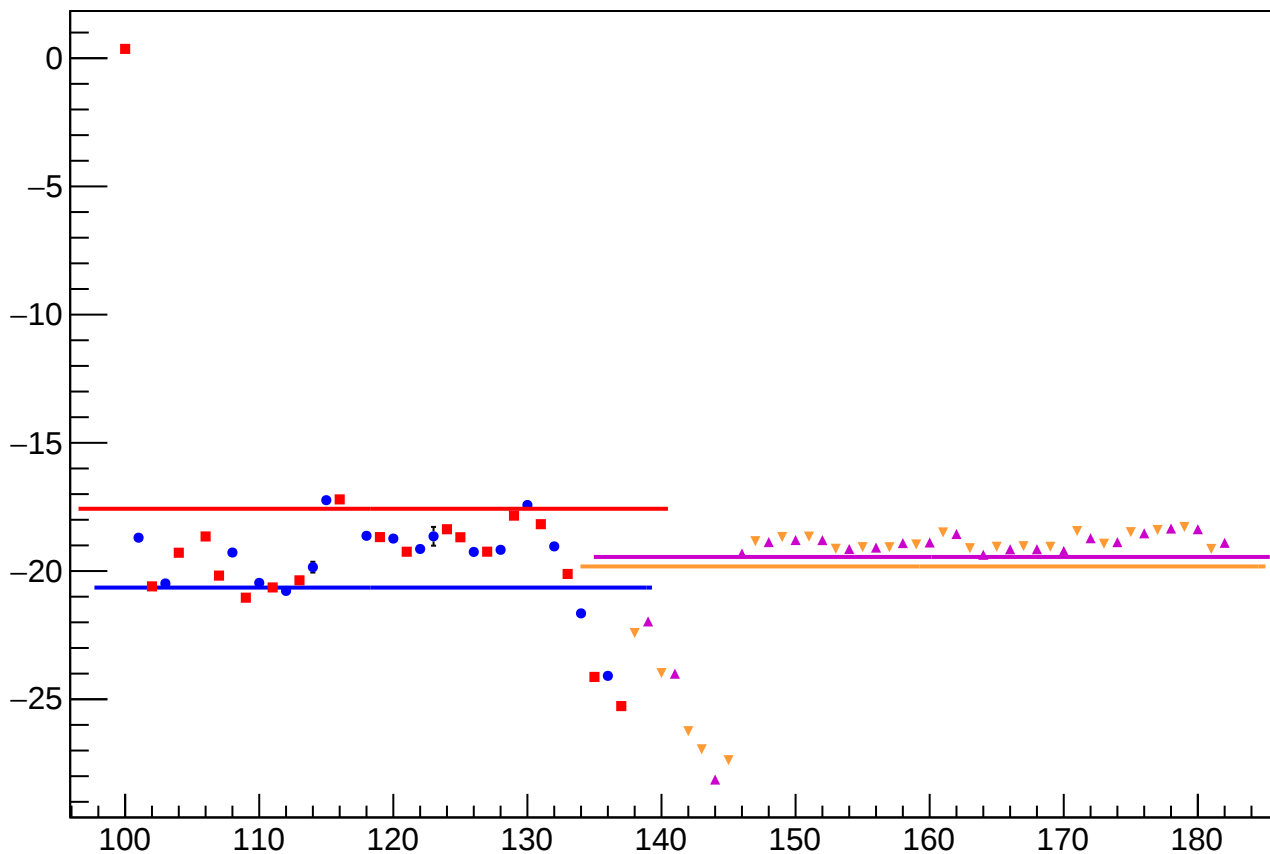
Left In: 9.717 ± 0.174 χ^2/NDF : 1190.5/21

+ sign 8.866 ± 0.156 χ^2/NDF : 1836.0/39

All: 8.700 ± 0.111 χ^2/NDF : 3706.8/80

- sign 8.533 ± 0.157 χ^2/NDF : 1868.5/40

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.645 ± 0.019 χ^2/NDF : 12462.7/16

Left Out: -19.821 ± 0.008 χ^2/NDF : 87241.3/22

Right Out: -17.571 ± 0.018 χ^2/NDF : 178318.0/18

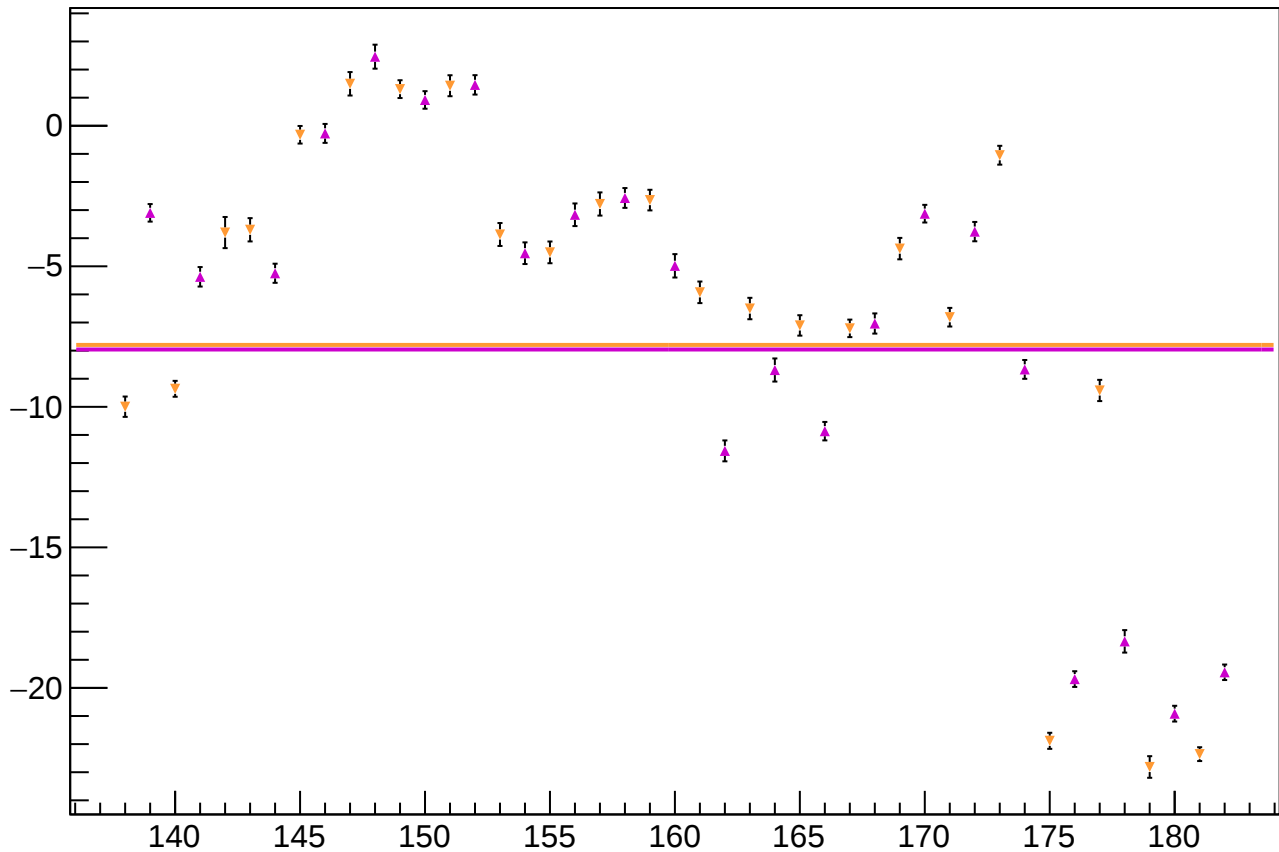
Left In: -19.450 ± 0.008 χ^2/NDF : 53106.6/21

+ sign -19.946 ± 0.008 χ^2/NDF : 101240.2/39

All: -19.531 ± 0.005 χ^2/NDF : 347579.5/80

- sign -19.138 ± 0.007 χ^2/NDF : 240463.0/40

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.797 $\pm$ 0.073 χ^2 /NDF:11245.4/22

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

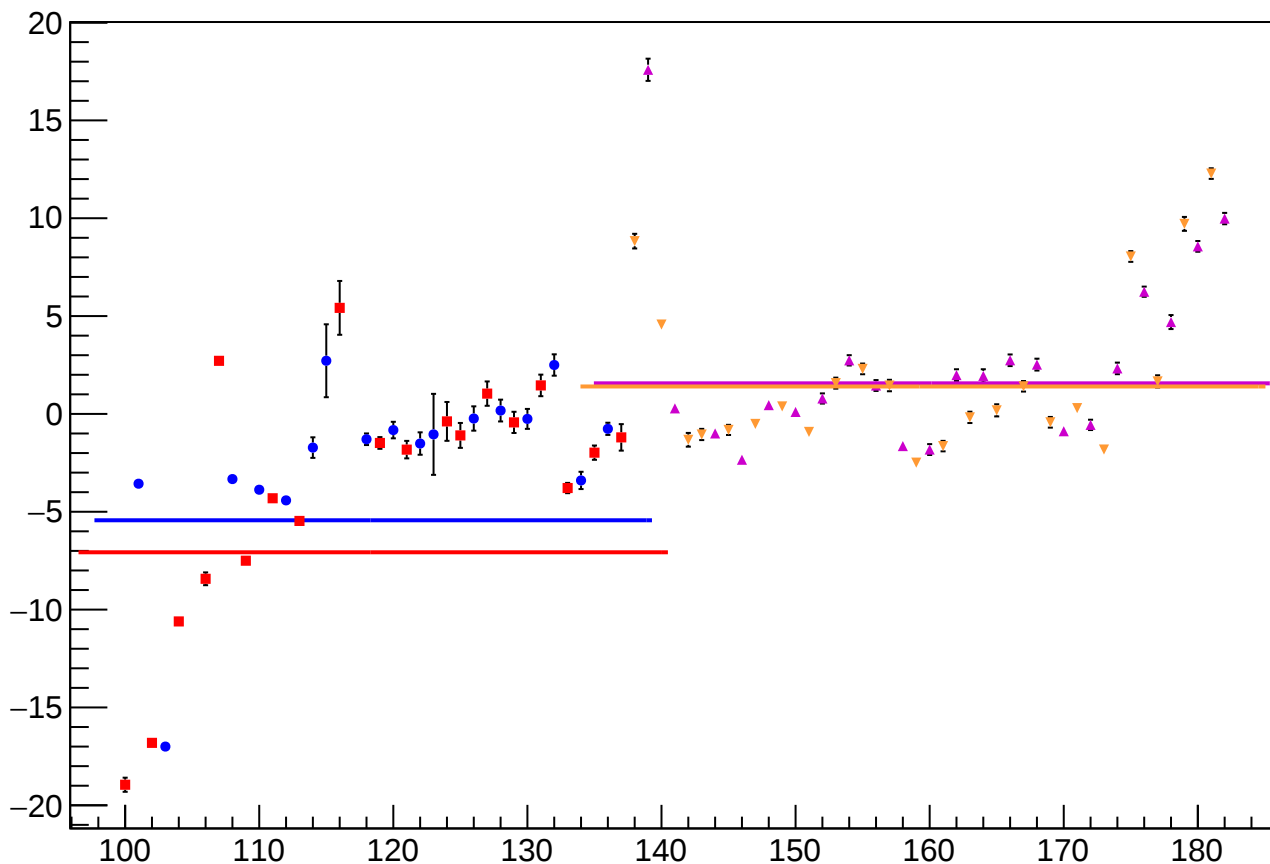
Left In: -7.960 $\pm$ 0.073 χ^2 /NDF:10412.9/21

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

All: -7.879 $\pm$ 0.052 χ^2 /NDF: 21660.8/44

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

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.435 ± 0.055 χ^2/NDF : 9226.6/16

Left Out: 1.402 ± 0.056 χ^2/NDF : 4384.9/22

Right Out: -7.071 ± 0.059 χ^2/NDF : 12294.3/18

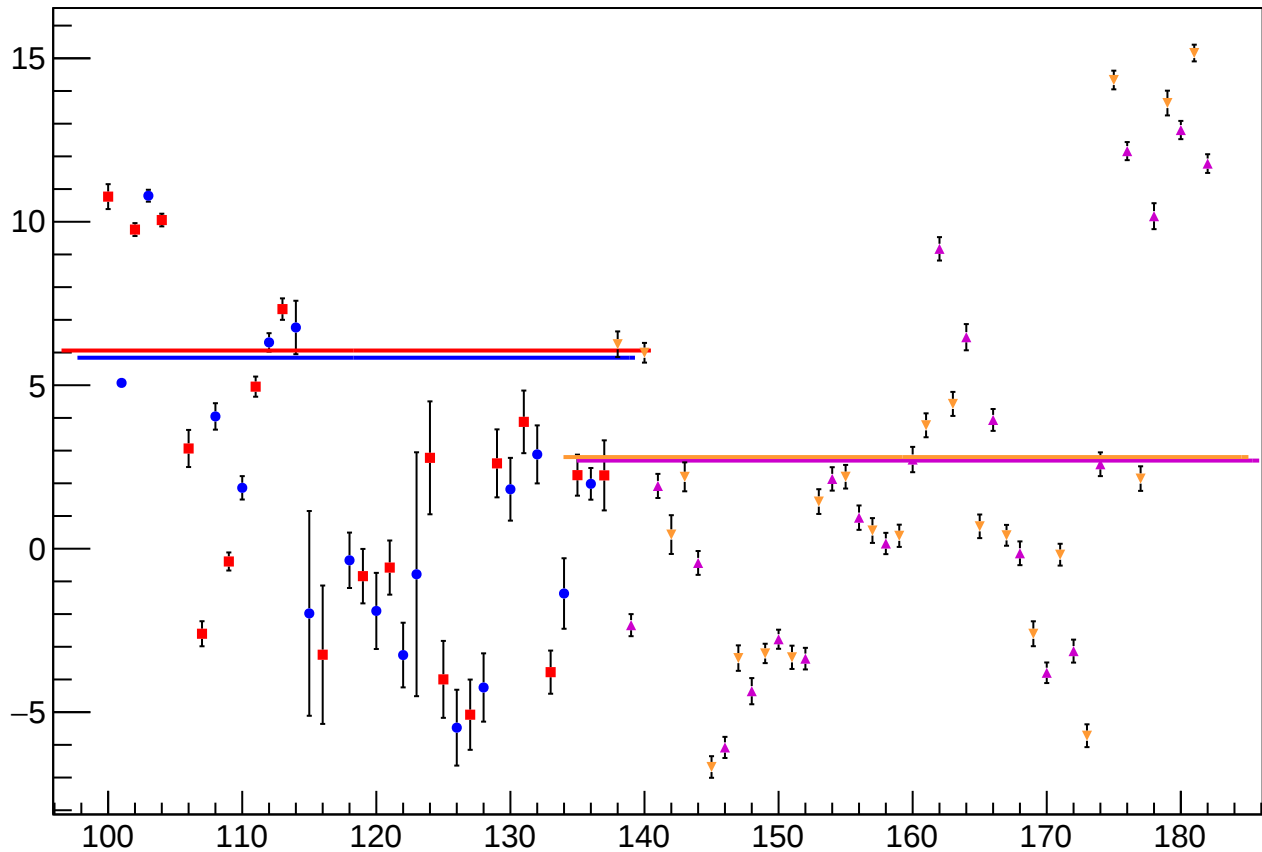
Left In: 1.563 ± 0.057 χ^2/NDF : 3795.2/21

+ sign -2.070 ± 0.039 χ^2/NDF : 21248.3/39

All: -2.322 ± 0.028 χ^2/NDF : 48503.4/80

- sign -2.597 ± 0.041 χ^2/NDF : 27168.6/40

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.842 ± 0.090 $\chi^2/\text{NDF}: 1436.5/16$

Left Out: 2.803 ± 0.073 $\chi^2/\text{NDF}: 7869.9/22$

Right Out: 6.062 ± 0.093 $\chi^2/\text{NDF}: 2664.6/18$

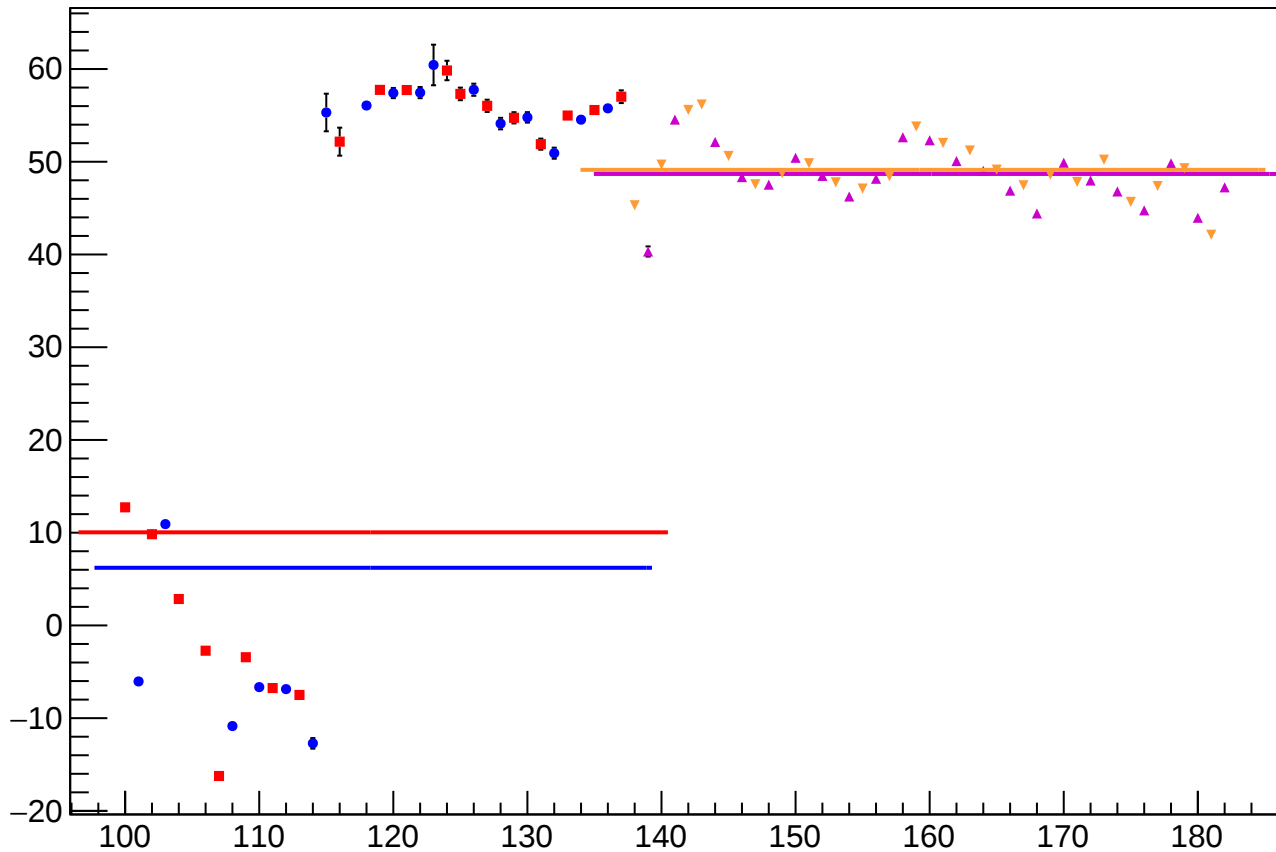
Left In: 2.695 ± 0.072 $\chi^2/\text{NDF}: 7157.0/21$

+ sign 4.009 ± 0.057 $\chi^2/\text{NDF}: 9998.6/39$

All: 3.982 ± 0.040 $\chi^2/\text{NDF}: 20635.0/80$

- sign 3.954 ± 0.057 $\chi^2/\text{NDF}: 10636.0/40$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.217 ± 0.065 χ^2/NDF : 120600.0/16

Left Out: 49.128 ± 0.064 χ^2/NDF : 2149.2/22

Right Out: 10.040 ± 0.070 χ^2/NDF : 121726.0/18

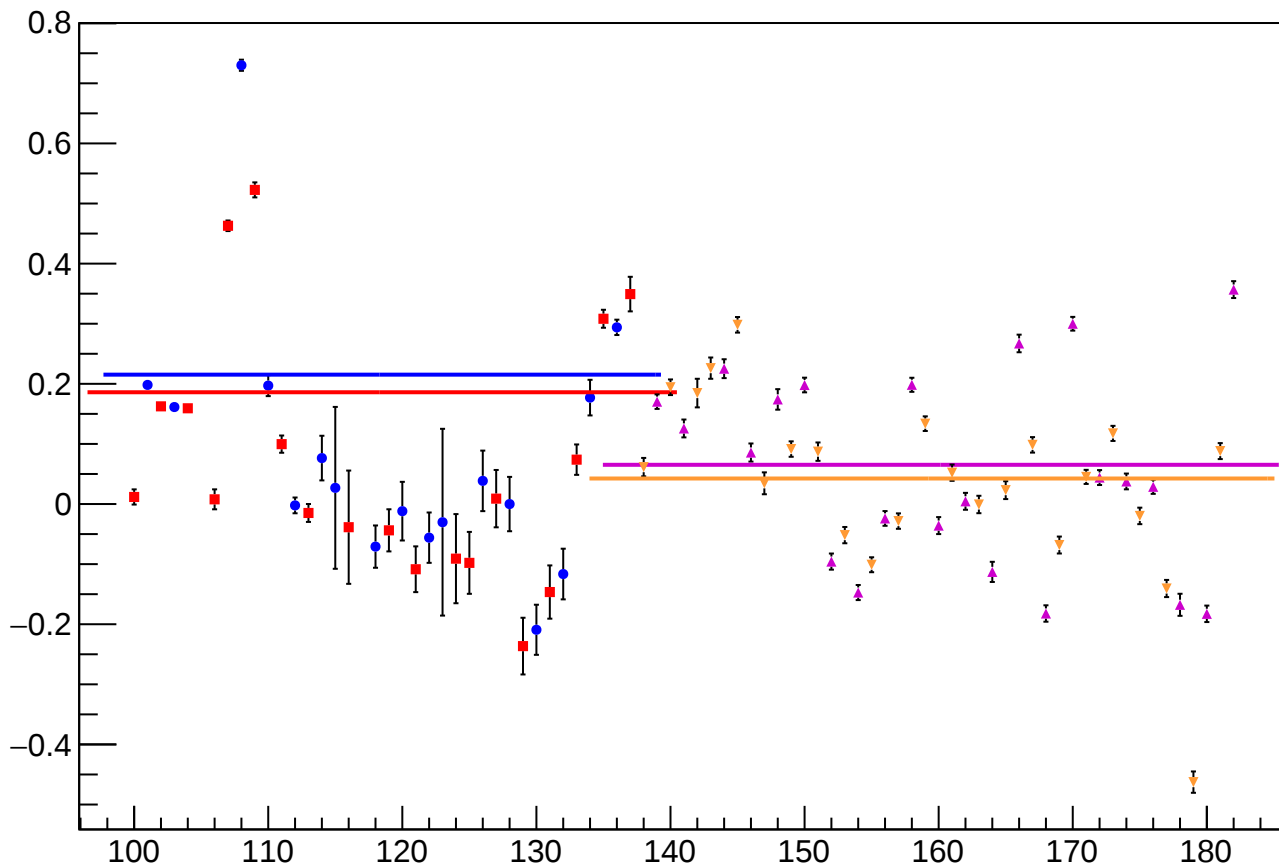
Left In: 48.684 ± 0.064 χ^2/NDF : 2036.5/21

+ sign 28.123 ± 0.045 χ^2/NDF : 346194.1/39

All: 29.483 ± 0.033 χ^2/NDF : 637915.1/80

- sign 30.957 ± 0.047 χ^2/NDF : 289848.5/40

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3923.9/16

Left Out: 0.042 $\pm$ 0.003 χ^2 /NDF:2095.4/22

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2715.5/18

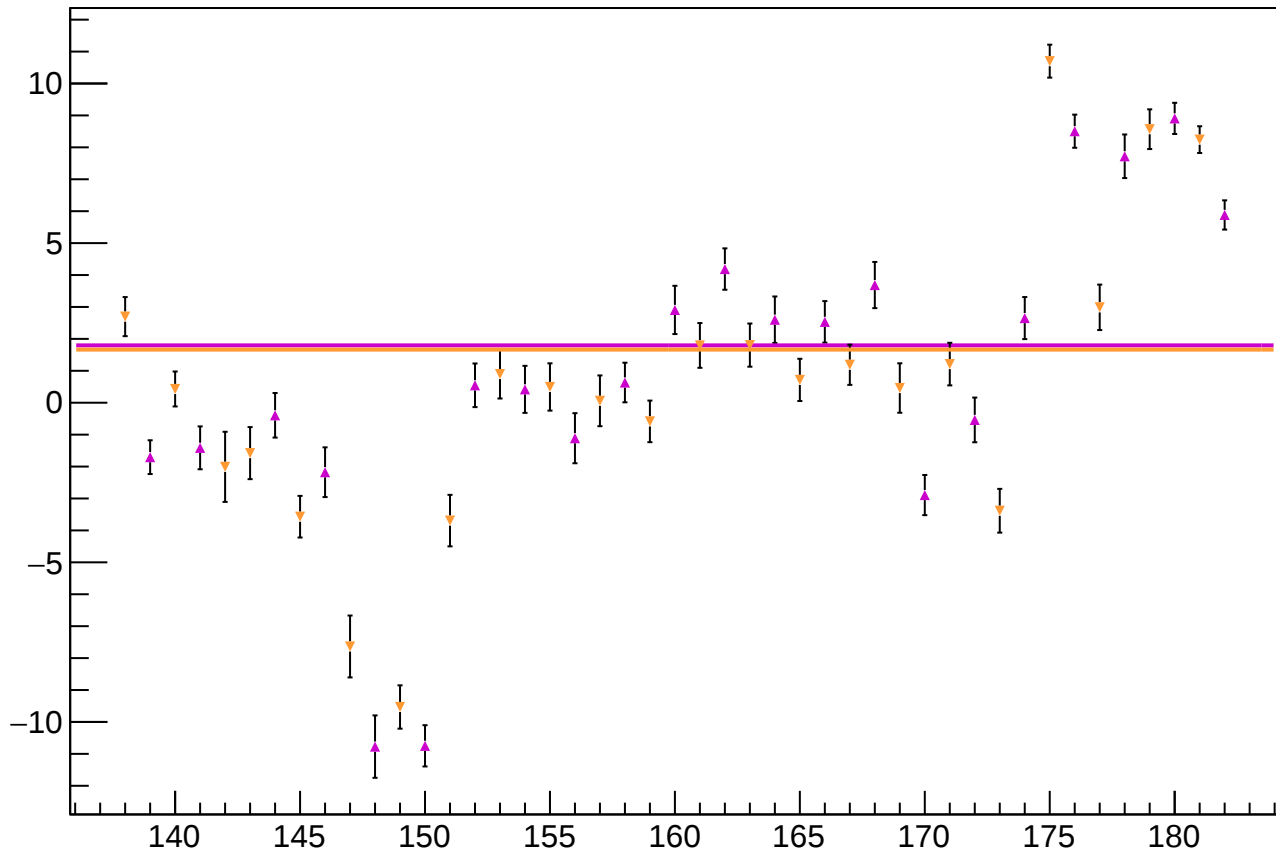
Left In: 0.065 $\pm$ 0.003 χ^2 /NDF:3030.6/21

+ sign 0.133 $\pm$ 0.002 χ^2 /NDF: 7865.3/39

All: 0.132 $\pm$ 0.001 χ^2 /NDF: 14549.5/80

- sign 0.130 $\pm$ 0.002 χ^2 /NDF: 6682.7/40

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: 1.664 $\pm$ 0.139 χ^2 /NDF:1266.4/22

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

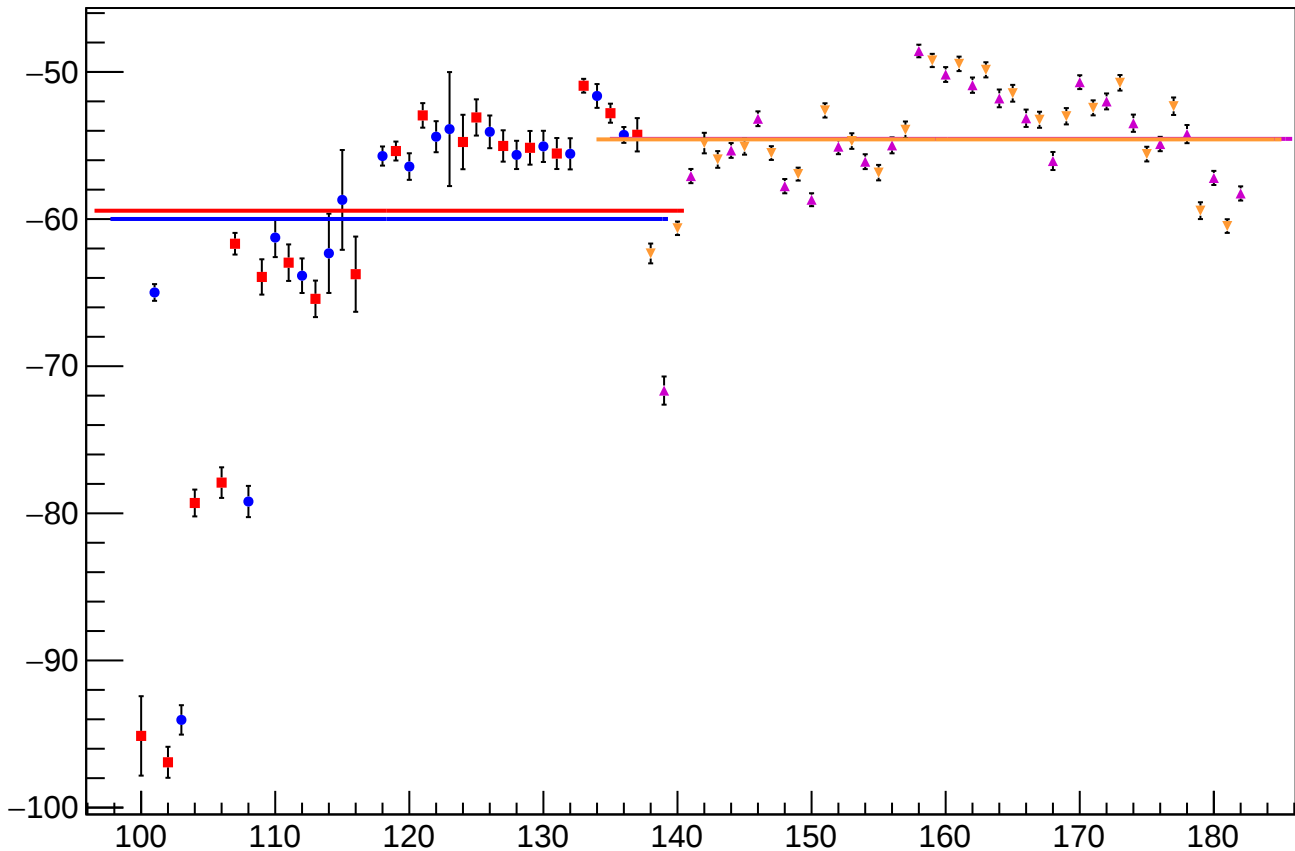
Left In: 1.796 $\pm$ 0.137 χ^2 /NDF:1296.4/21

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

All: 1.731 $\pm$ 0.098 χ^2 /NDF: 2563.2/44

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

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.993 ± 0.225 χ^2/NDF : 1973.4/16

Left Out: -54.584 ± 0.109 χ^2/NDF : 1084.0/22

Right Out: -59.431 ± 0.212 χ^2/NDF : 2920.1/18

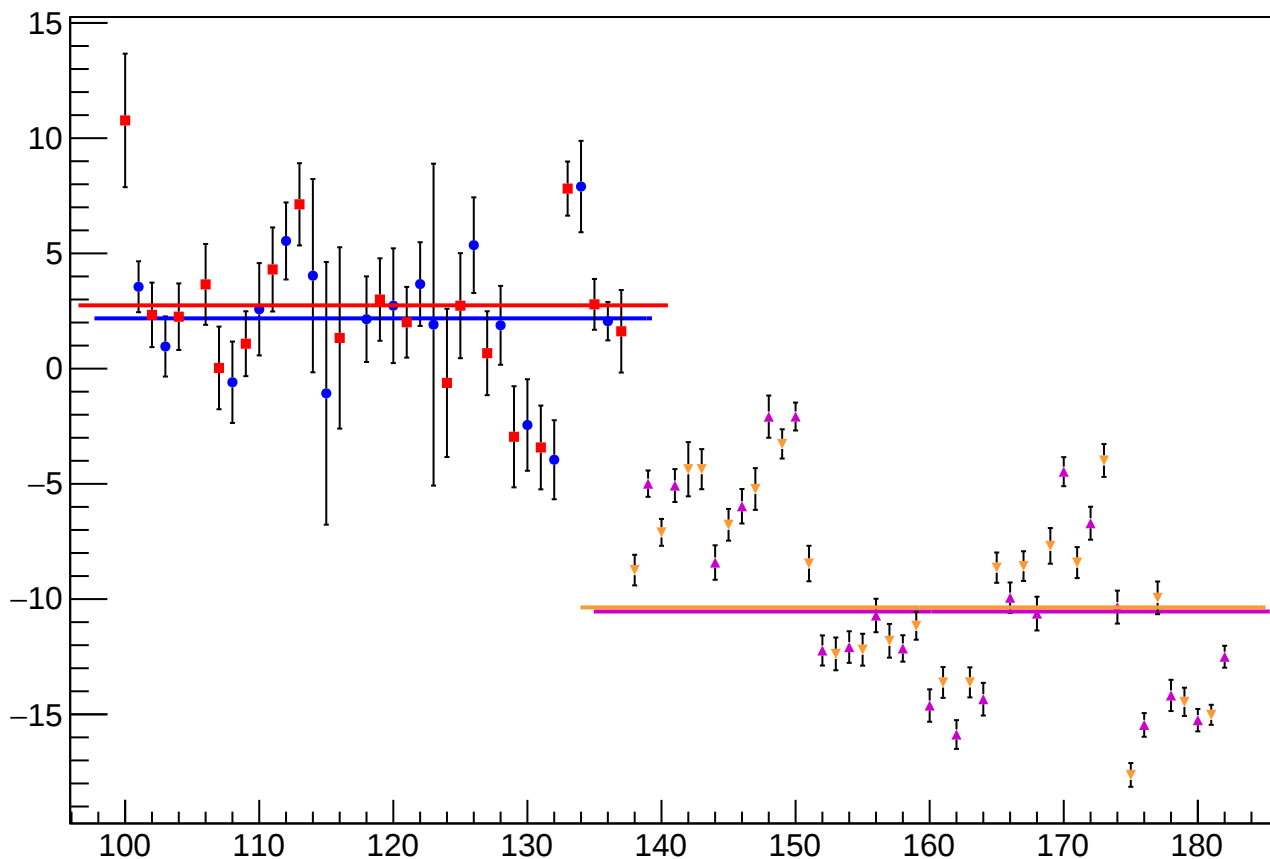
Left In: -54.548 ± 0.111 χ^2/NDF : 1033.2/21

+ sign -55.609 ± 0.098 χ^2/NDF : 3525.0/39

All: -55.602 ± 0.069 χ^2/NDF : 7894.5/80

- sign -55.596 ± 0.098 χ^2/NDF : 4369.5/40

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 ± 0.406 χ^2/NDF : 39.2/16

Left Out: -10.361 ± 0.138 χ^2/NDF : 843.6/22

Right Out: 2.746 ± 0.388 χ^2/NDF : 58.7/18

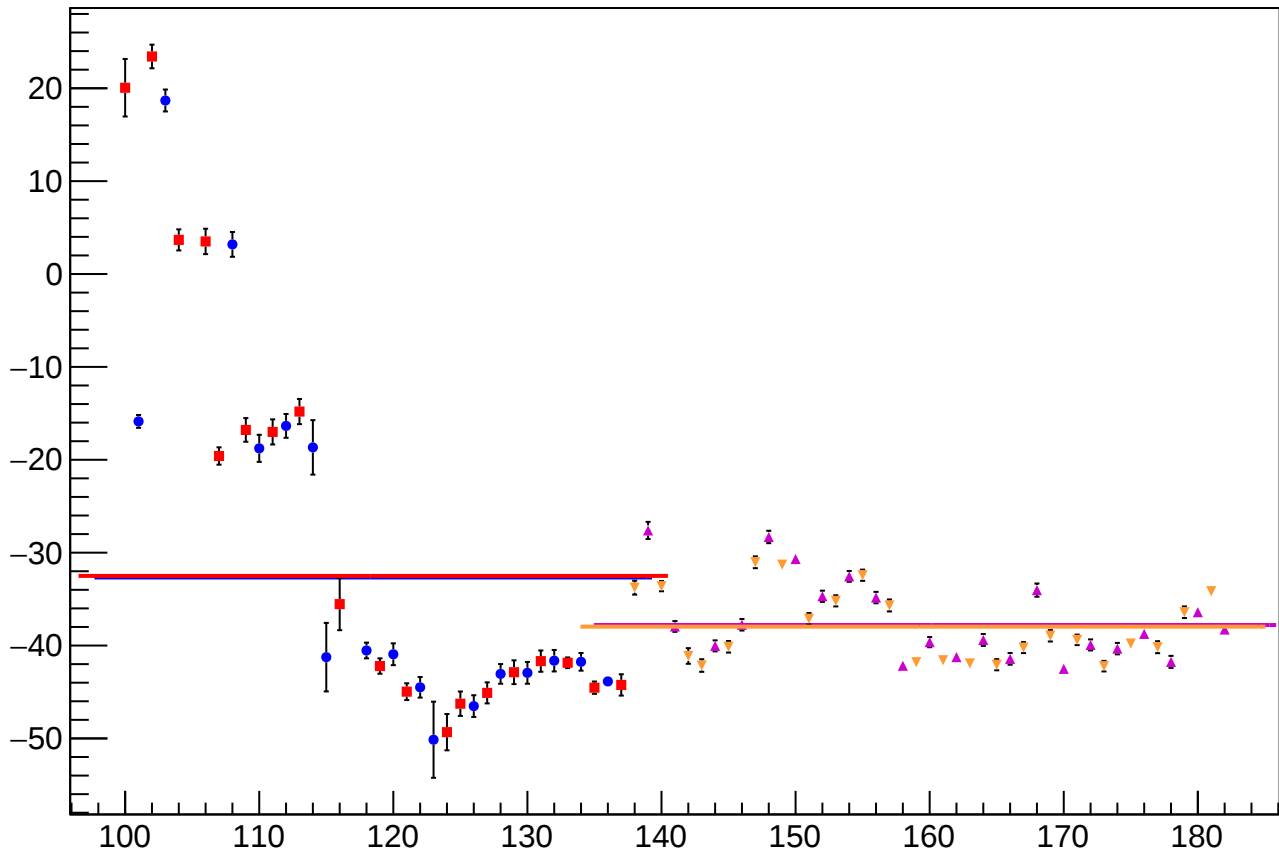
Left In: -10.539 ± 0.136 χ^2/NDF : 988.5/21

+ sign -9.057 ± 0.131 χ^2/NDF : 1737.5/39

All: -9.069 ± 0.092 χ^2/NDF : 3825.8/80

- sign -9.080 ± 0.129 χ^2/NDF : 2088.3/40

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.671 ± 0.256 χ^2/NDF : 4642.6/16

Left Out: -37.965 ± 0.123 χ^2/NDF : 936.7/22

Right Out: -32.501 ± 0.244 χ^2/NDF : 6042.9/18

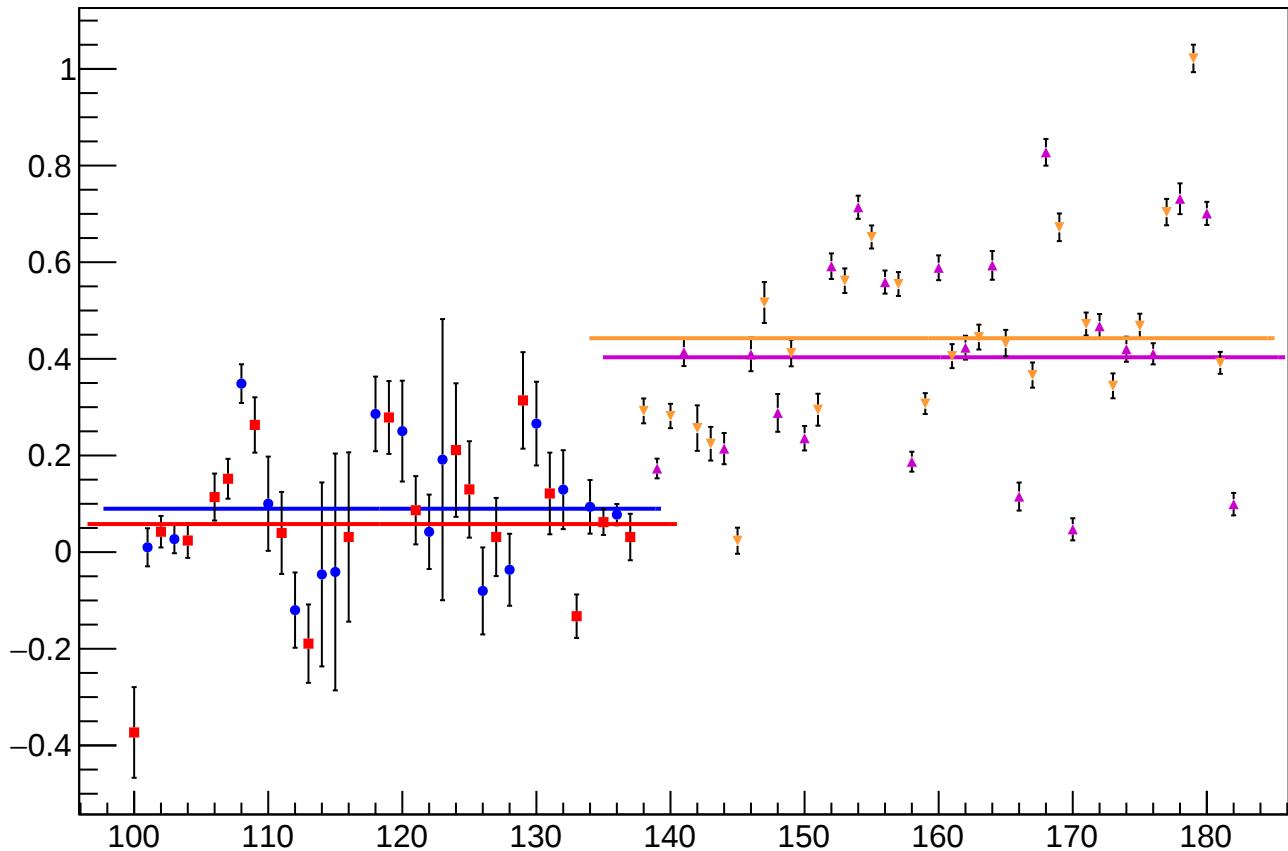
Left In: -37.790 ± 0.124 χ^2/NDF : 1038.8/21

+ sign -36.976 ± 0.111 χ^2/NDF : 5927.0/39

All: -36.844 ± 0.078 χ^2/NDF : 13384.8/80

- sign -36.712 ± 0.110 χ^2/NDF : 7455.0/40

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.1/16

Left Out: 0.443 ± 0.006 χ^2/NDF : 1158.6/22

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.0/18

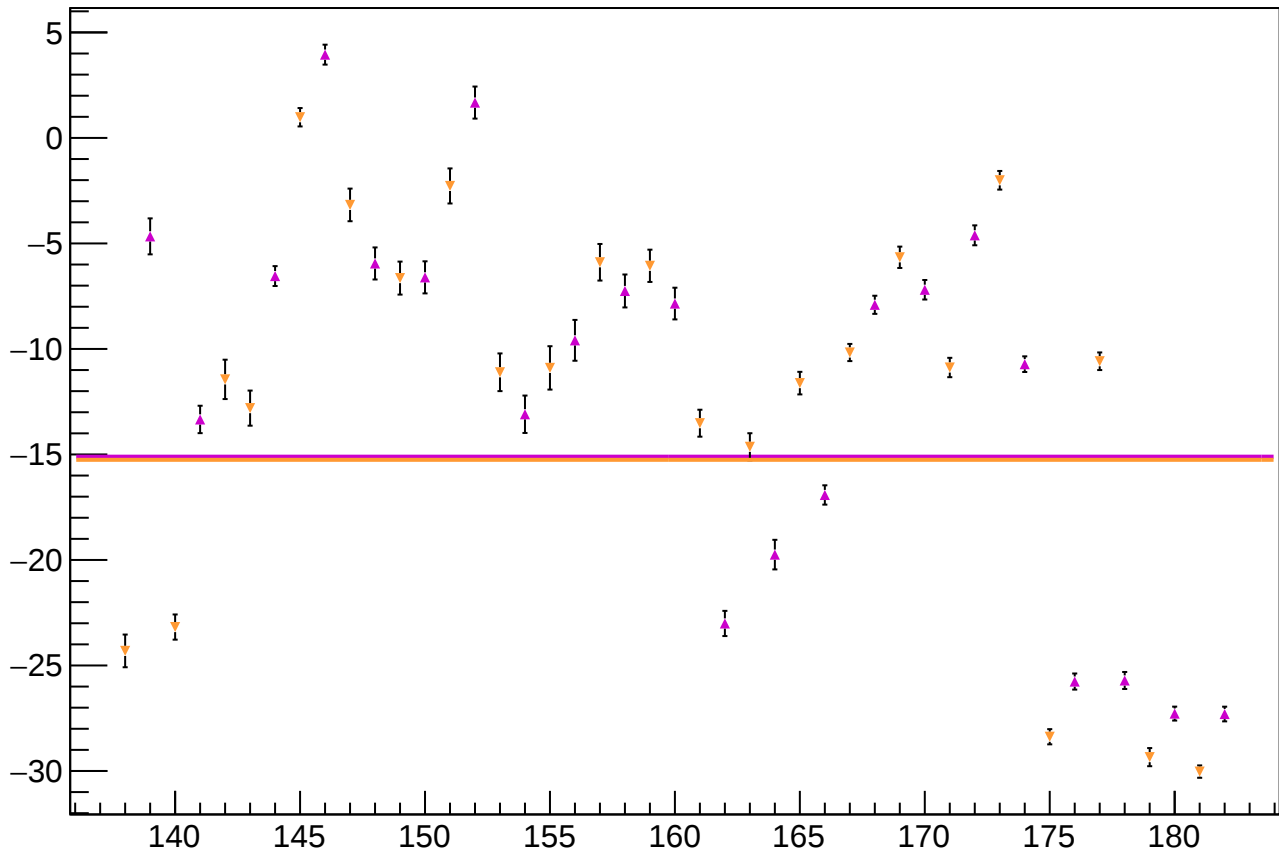
Left In: 0.403 ± 0.005 χ^2/NDF : 1694.9/21

+ sign 0.386 ± 0.005 χ^2/NDF : 1880.7/39

All: 0.365 ± 0.004 χ^2/NDF : 4363.5/80

- sign 0.345 ± 0.005 χ^2/NDF : 2450.0/40

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.255+/-0.111 χ^2/NDF : 9255.2/22

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

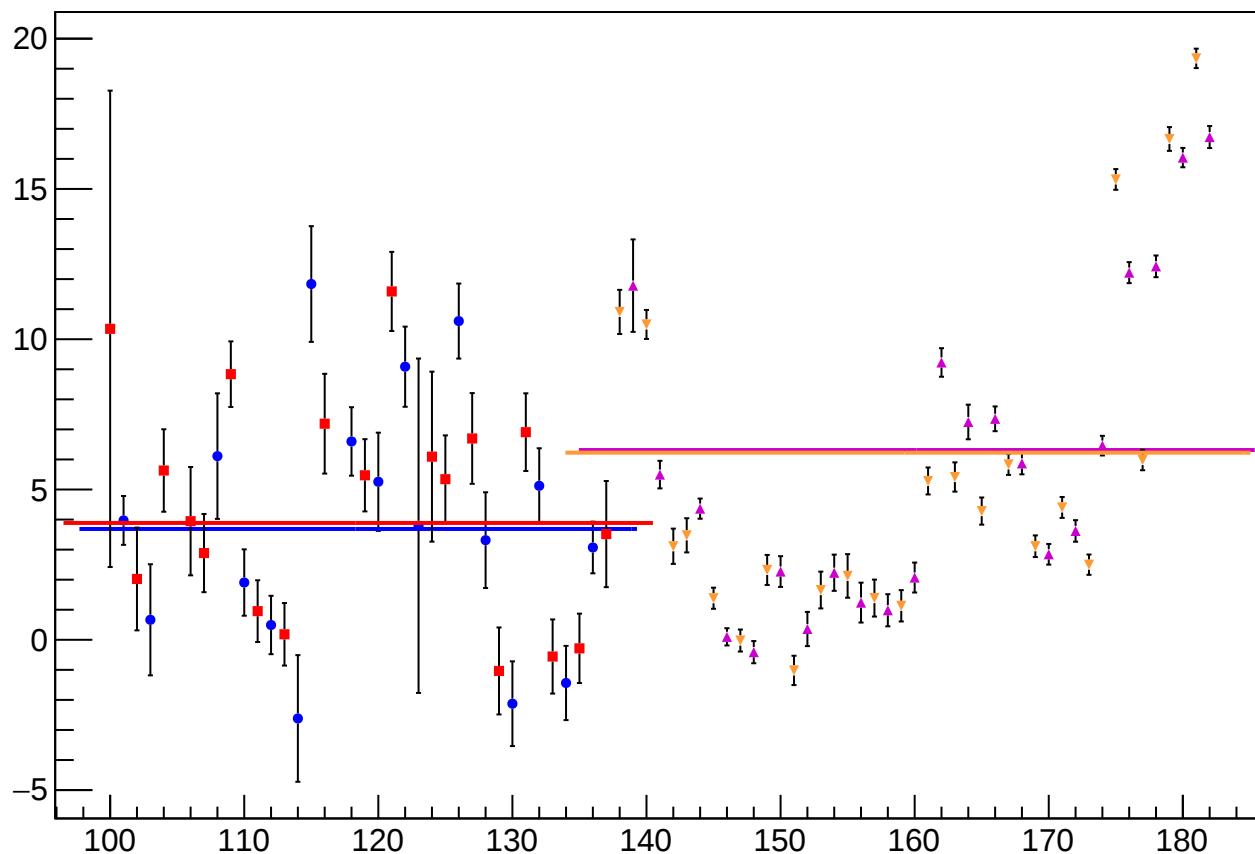
Left In: -15.105+/-0.108 χ^2/NDF : 8605.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.178+/-0.077 χ^2/NDF : 17861.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.687 ± 0.311 χ^2/NDF : 135.1/16

Left Out: 6.225 ± 0.089 χ^2/NDF : 4469.5/22

Right Out: 3.887 ± 0.317 χ^2/NDF : 133.7/18

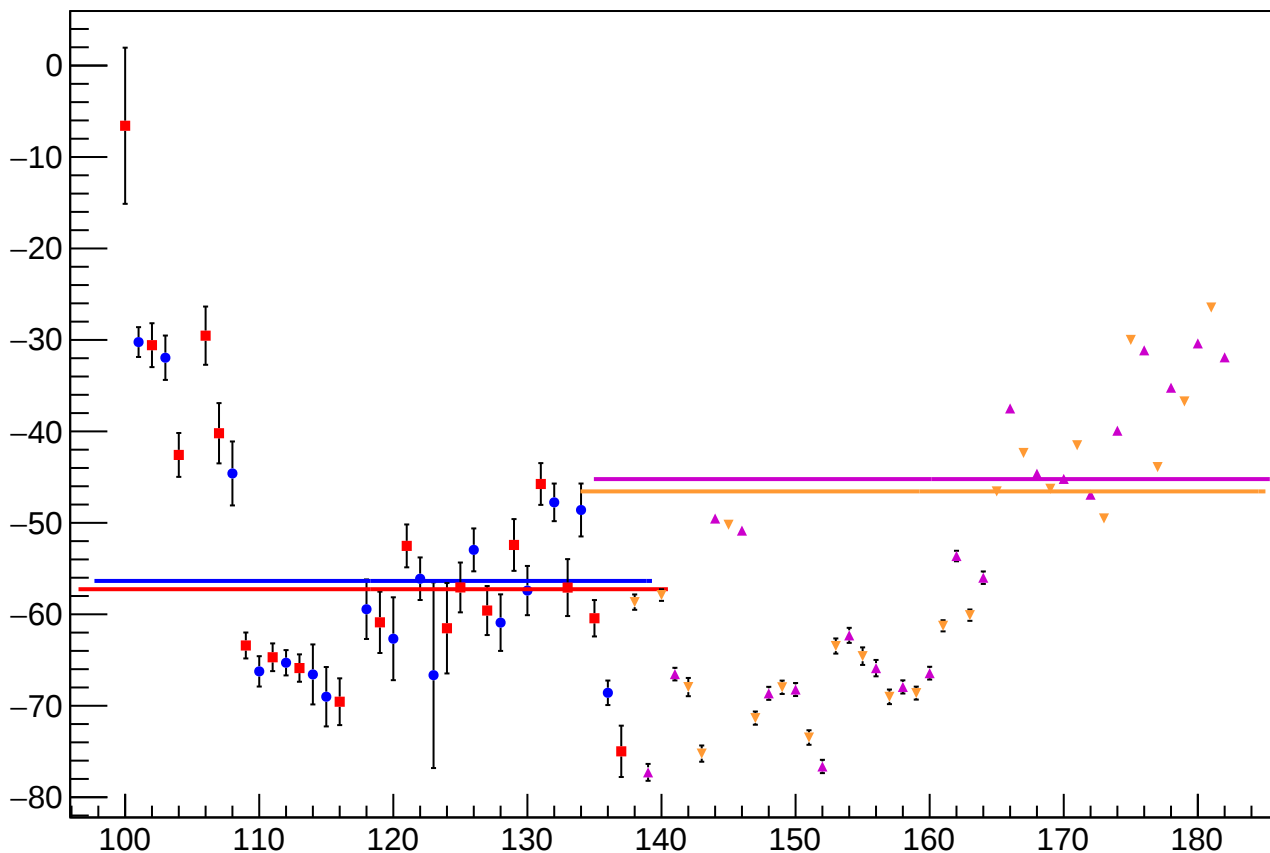
Left In: 6.314 ± 0.087 χ^2/NDF : 3799.4/21

+ sign 6.034 ± 0.085 χ^2/NDF : 4666.3/39

All: 6.090 ± 0.060 χ^2/NDF : 8654.8/80

- sign 6.144 ± 0.084 χ^2/NDF : 3987.6/40

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.351 ± 0.544 χ^2/NDF : 587.4/16

Left Out: -46.561 ± 0.112 χ^2/NDF : 16136.6/22

Right Out: -57.256 ± 0.537 χ^2/NDF : 475.7/18

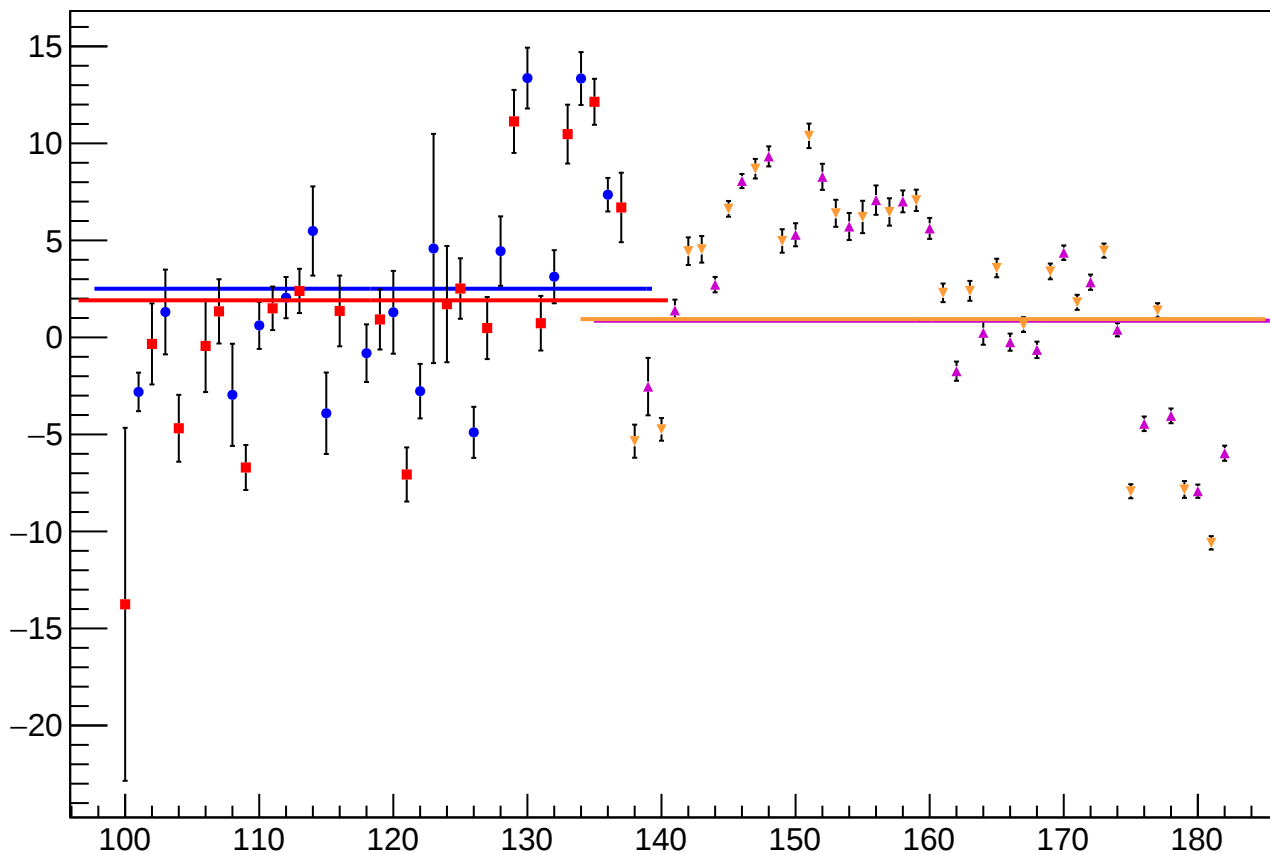
Left In: -45.216 ± 0.108 χ^2/NDF : 15600.1/21

+ sign -46.958 ± 0.110 χ^2/NDF : 17034.4/39

All: -46.304 ± 0.076 χ^2/NDF : 33662.5/80

- sign -45.689 ± 0.106 χ^2/NDF : 16559.0/40

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.509 $\pm$ 0.348 χ^2 /NDF: 242.2/16

Left Out: 0.943 $\pm$ 0.100 χ^2 /NDF:3494.8/22

Right Out: 1.911 $\pm$ 0.356 χ^2 /NDF: 264.6/18

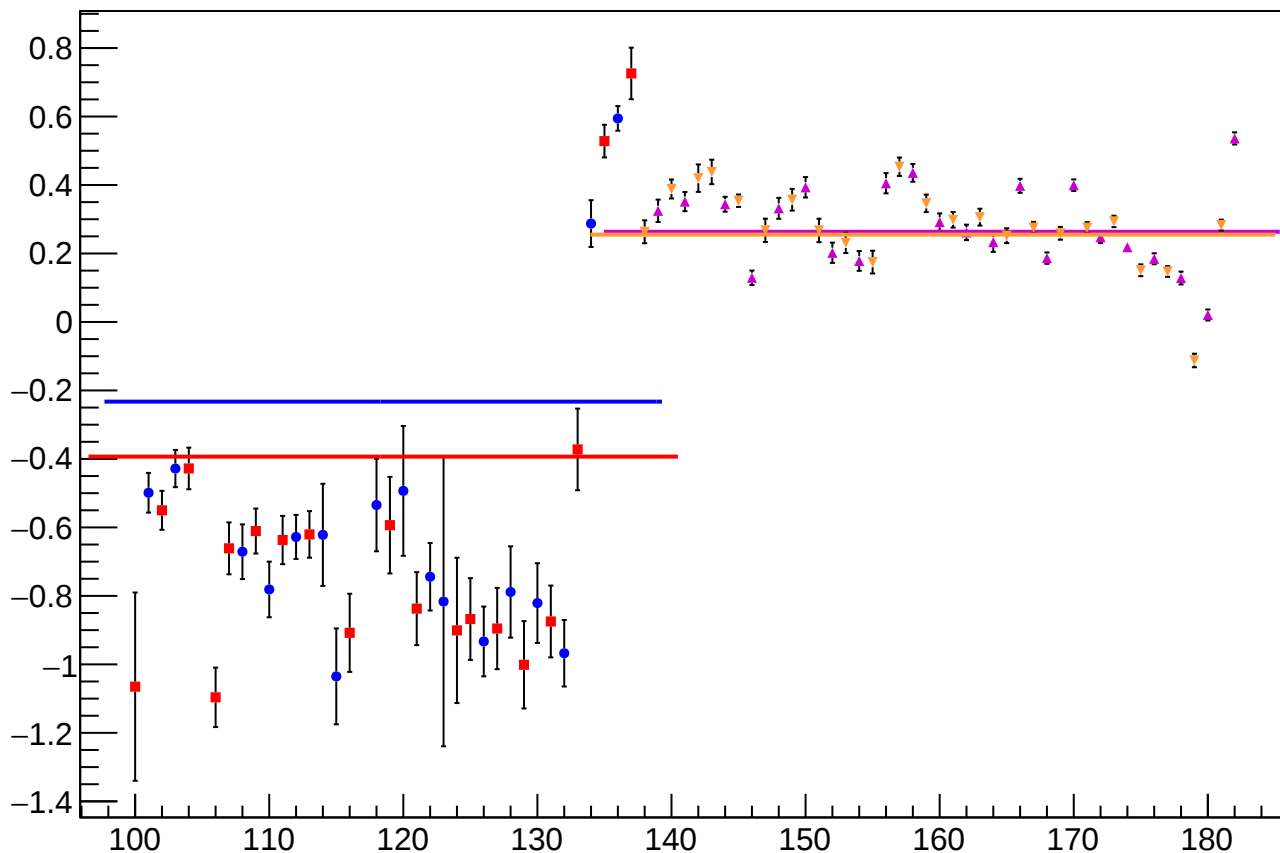
Left In: 0.859 $\pm$ 0.098 χ^2 /NDF:2667.2/21

+ sign 1.061 $\pm$ 0.096 χ^2 /NDF: 3755.8/39

All: 0.996 $\pm$ 0.067 χ^2 /NDF: 6696.6/80

- sign 0.933 $\pm$ 0.094 χ^2 /NDF: 2939.9/40

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.019 χ^2/NDF : 957.0/16

Left Out: 0.255 ± 0.005 χ^2/NDF : 629.7/22

Right Out: -0.393 ± 0.019 χ^2/NDF : 844.6/18

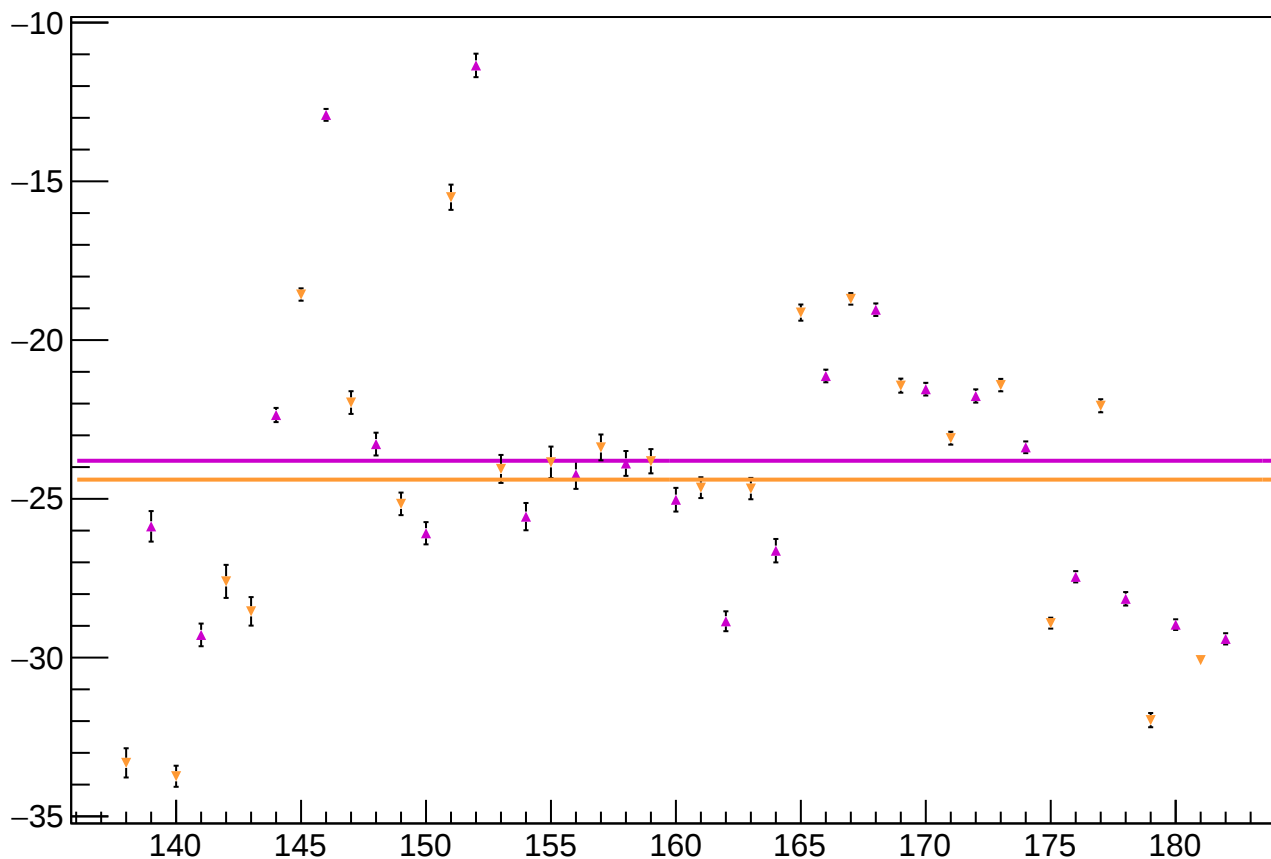
Left In: 0.263 ± 0.004 χ^2/NDF : 852.3/21

+ sign 0.228 ± 0.004 χ^2/NDF : 2214.2/39

All: 0.229 ± 0.003 χ^2/NDF : 5042.1/80

- sign 0.229 ± 0.004 χ^2/NDF : 2827.9/40

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.395+/-0.054 χ^2/NDF : 7970.1/22

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

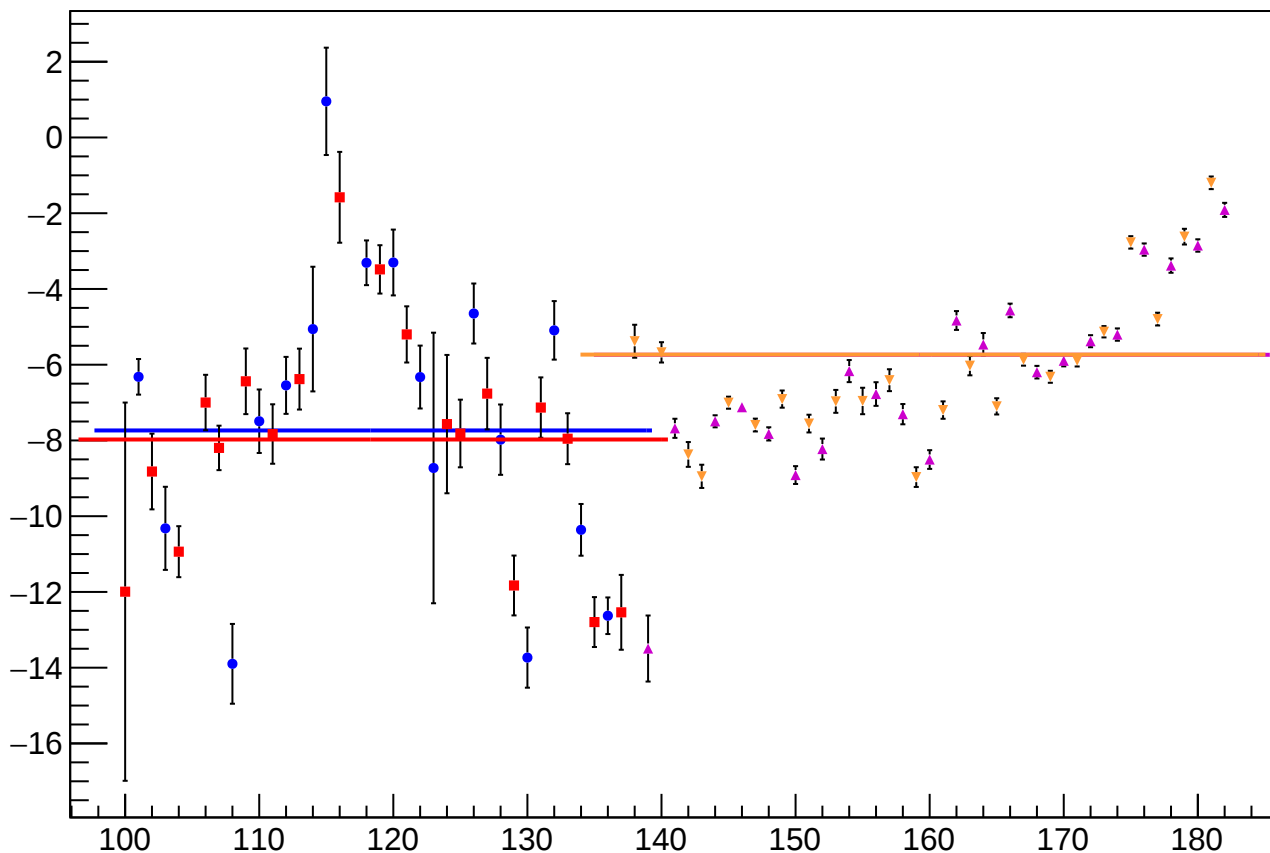
Left In: -23.801+/-0.052 χ^2/NDF : 8981.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.087+/-0.037 χ^2/NDF : 17015.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.736 ± 0.187 χ^2/NDF : 378.1/16

Left Out: -5.733 ± 0.043 χ^2/NDF : 2068.6/22

Right Out: -7.975 ± 0.186 χ^2/NDF : 223.2/18

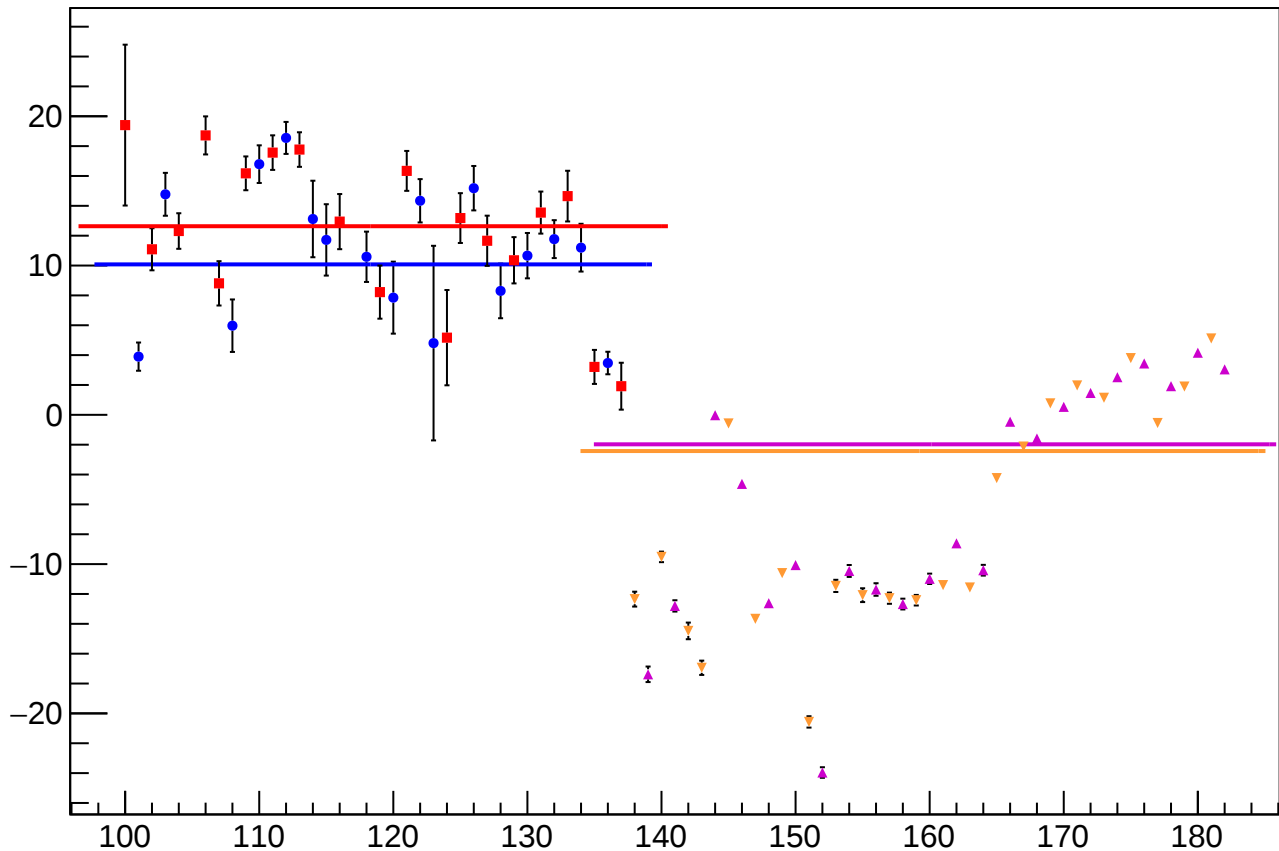
Left In: -5.738 ± 0.041 χ^2/NDF : 2237.0/21

+ sign -5.831 ± 0.042 χ^2/NDF : 2555.3/39

All: -5.837 ± 0.029 χ^2/NDF : 5153.2/80

- sign -5.842 ± 0.040 χ^2/NDF : 2597.9/40

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.078 ± 0.339 χ^2/NDF : 253.6/16

Left Out: -2.426 ± 0.054 χ^2/NDF : 15391.4/22

Right Out: 12.634 ± 0.333 χ^2/NDF : 218.7/18

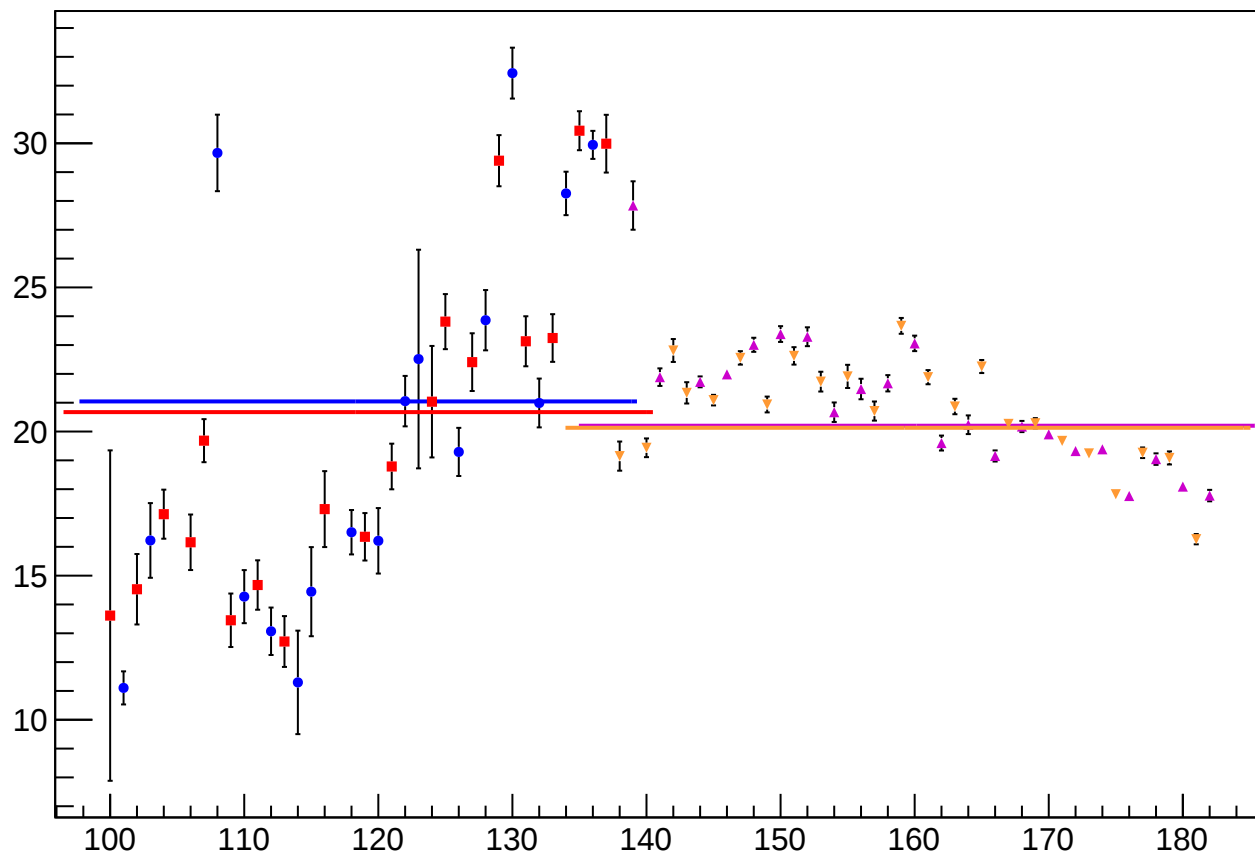
Left In: -1.975 ± 0.052 χ^2/NDF : 15381.9/21

+ sign -2.117 ± 0.053 χ^2/NDF : 16975.5/39

All: -1.864 ± 0.037 χ^2/NDF : 34496.5/80

- sign -1.631 ± 0.051 χ^2/NDF : 17477.6/40

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.045 $\pm$ 0.211 χ^2 /NDF: 1209.4/16

Left Out: 20.130 $\pm$ 0.048 χ^2 /NDF:1360.2/22

Right Out: 20.674 $\pm$ 0.213 χ^2 /NDF: 721.7/18

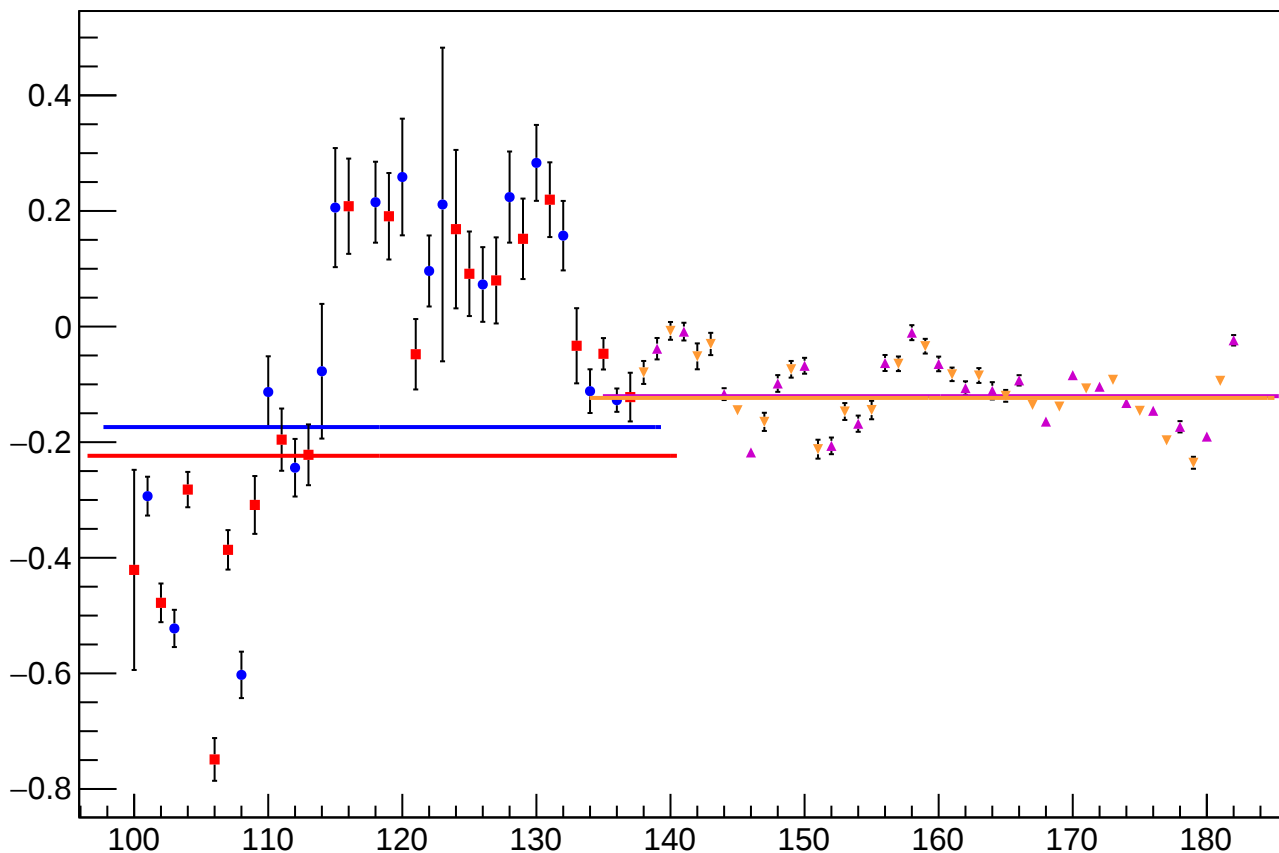
Left In: 20.201 $\pm$ 0.046 χ^2 /NDF:1445.7/21

+ sign 20.175 $\pm$ 0.047 χ^2 /NDF: 2587.4/39

All: 20.199 $\pm$ 0.032 χ^2 /NDF: 4760.0/80

- sign 20.223 $\pm$ 0.045 χ^2 /NDF: 2172.1/40

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.174 ± 0.011 χ^2/NDF : 458.2/16

Left Out: -0.123 ± 0.002 χ^2/NDF : 504.6/22

Right Out: -0.224 ± 0.011 χ^2/NDF : 533.0/18

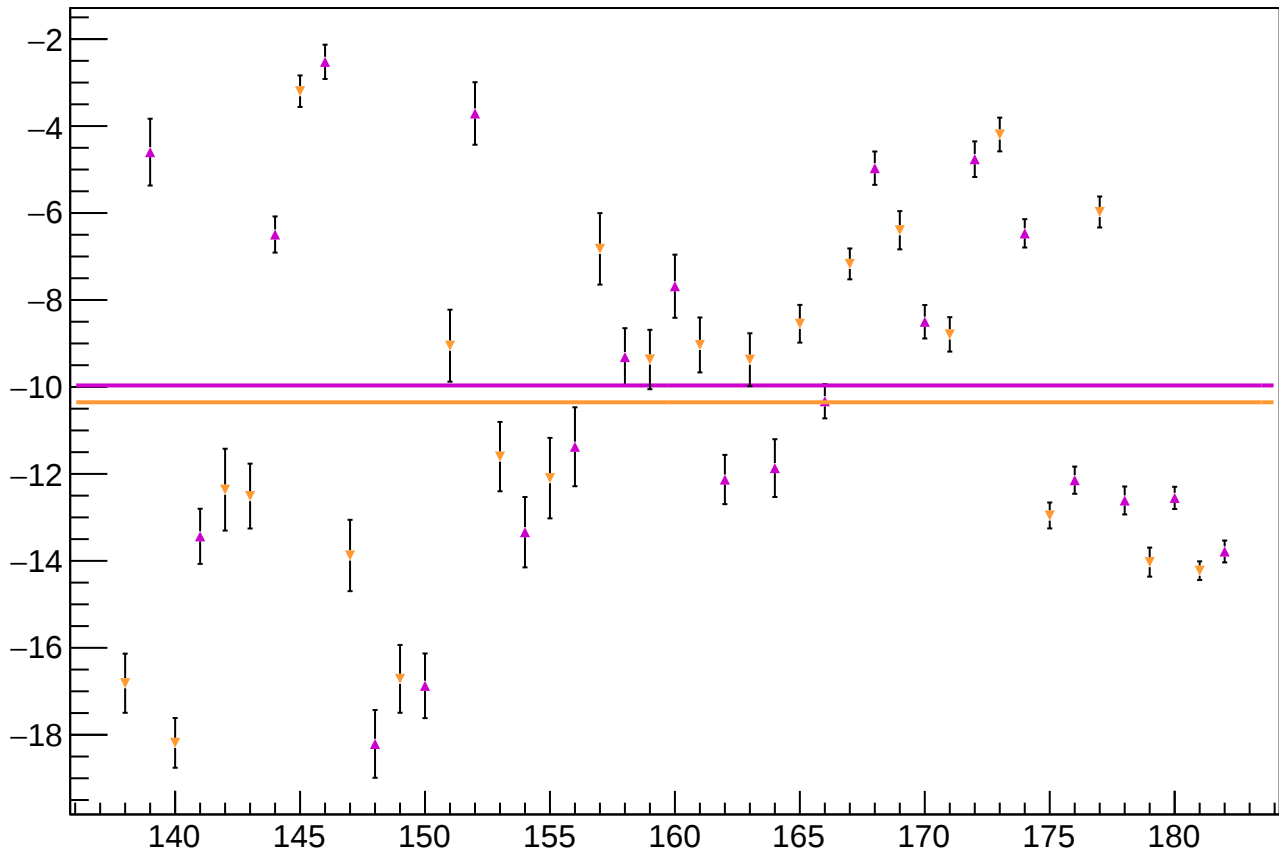
Left In: -0.120 ± 0.002 χ^2/NDF : 682.8/21

+ sign -0.125 ± 0.002 χ^2/NDF : 982.3/39

All: -0.125 ± 0.001 χ^2/NDF : 2283.4/80

- sign -0.124 ± 0.002 χ^2/NDF : 1301.0/40

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.353+/-0.094 χ^2/NDF :1922.3/22

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

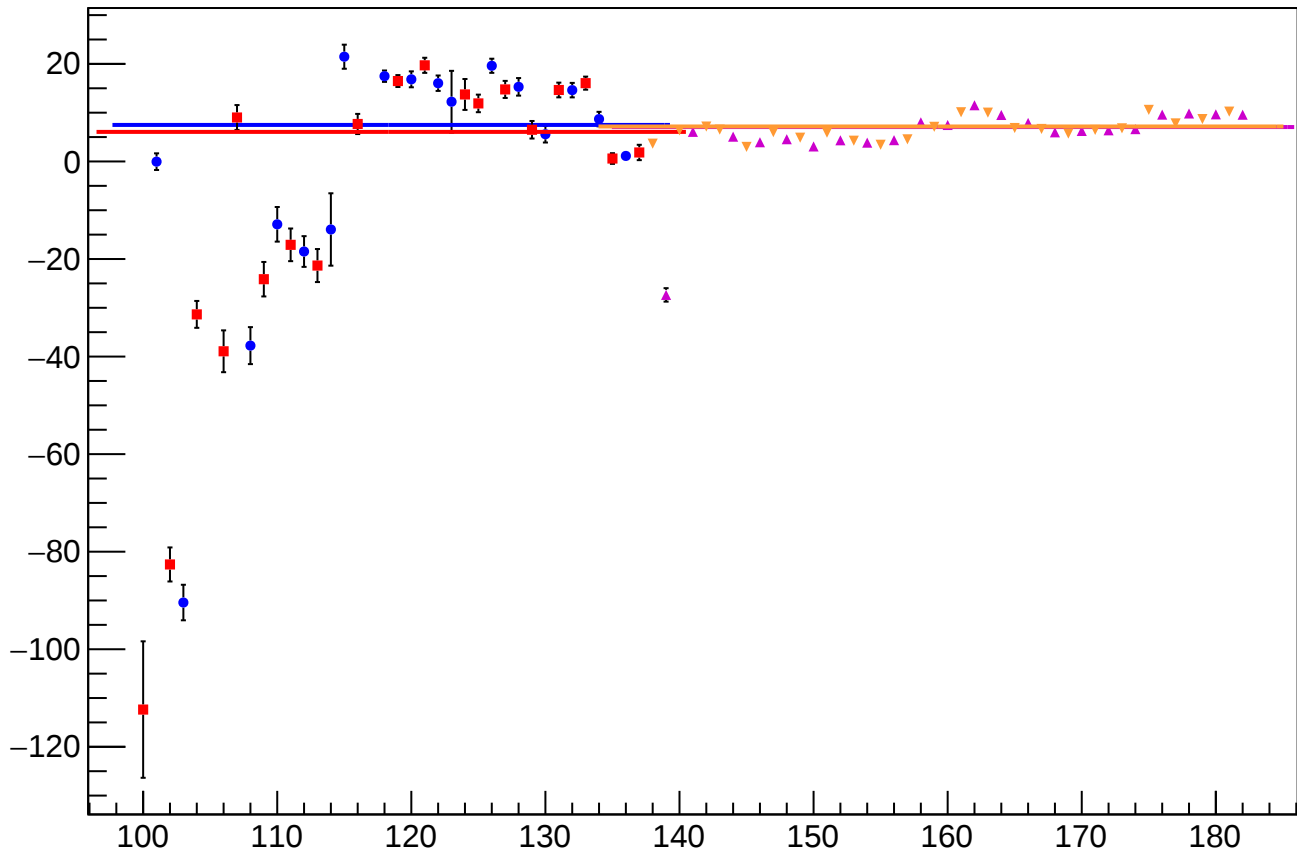
Left In: -9.965+/-0.091 χ^2/NDF :1741.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.153+/-0.065 χ^2/NDF : 3672.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.489 ± 0.407 χ^2/NDF : 1340.6/16

Left Out: 7.171 ± 0.077 χ^2/NDF : 817.0/22

Right Out: 6.061 ± 0.435 χ^2/NDF : 1511.9/18

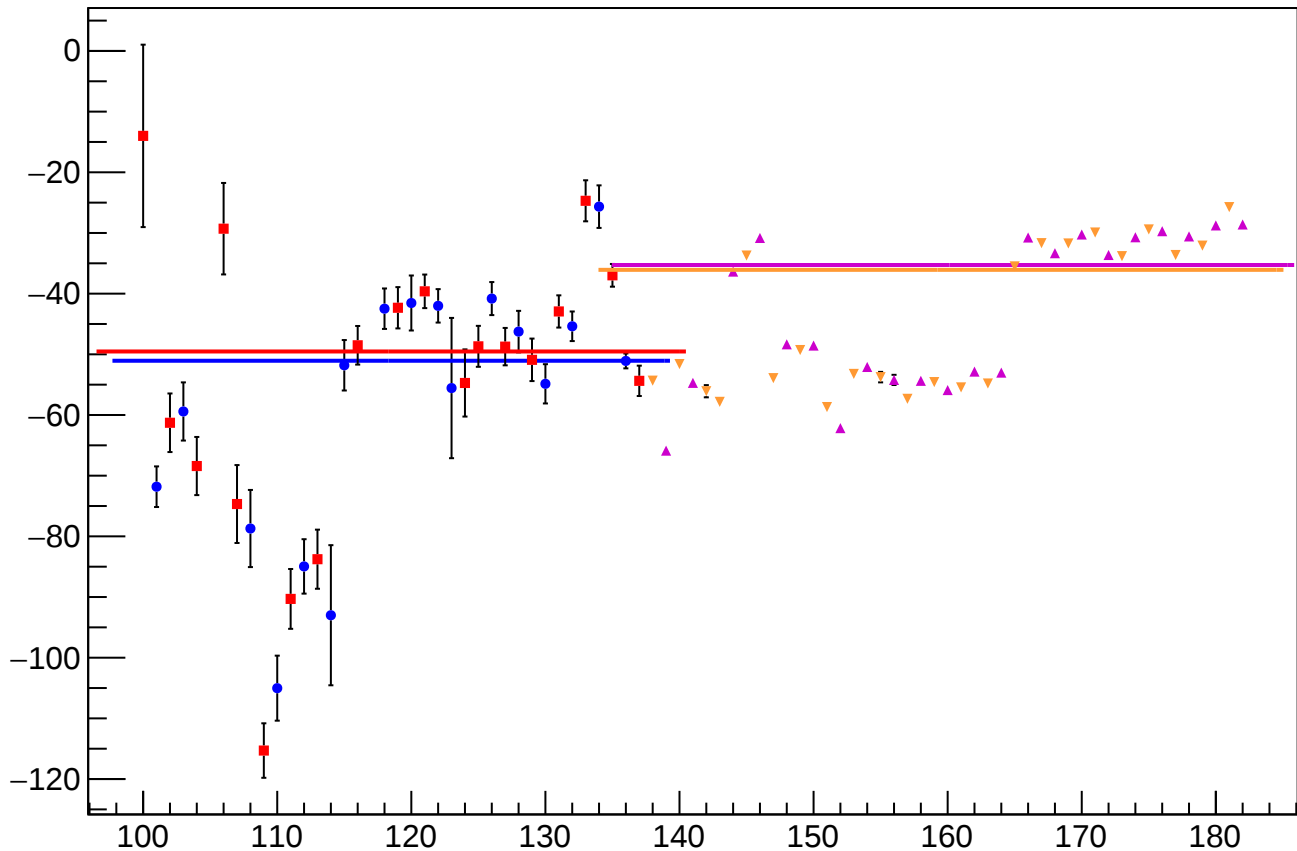
Left In: 7.052 ± 0.075 χ^2/NDF : 1535.8/21

+ sign 7.182 ± 0.076 χ^2/NDF : 2158.2/39

All: 7.101 ± 0.053 χ^2/NDF : 5213.2/80

- sign 7.024 ± 0.074 χ^2/NDF : 3052.8/40

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.060 ± 0.742 χ^2/NDF : 329.6/16

Left Out: -36.077 ± 0.095 χ^2/NDF : 12137.2/22

Right Out: -49.531 ± 0.800 χ^2/NDF : 509.2/18

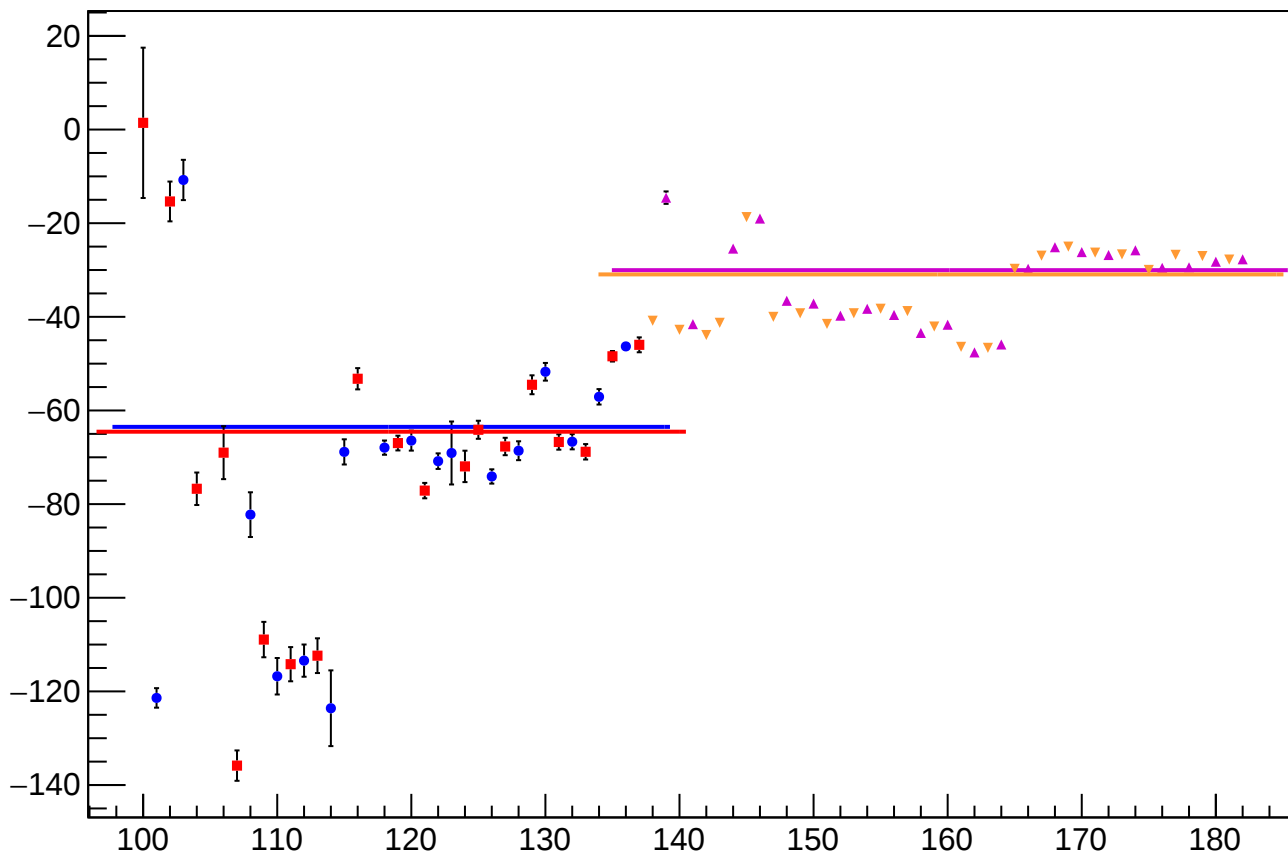
Left In: -35.279 ± 0.092 χ^2/NDF : 11593.8/21

+ sign -36.318 ± 0.094 χ^2/NDF : 12868.3/39

All: -35.876 ± 0.065 χ^2/NDF : 25327.1/80

- sign -35.463 ± 0.091 χ^2/NDF : 12416.3/40

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.501 ± 0.449 χ^2/NDF : 2006.3/16

Left Out: -30.939 ± 0.086 χ^2/NDF : 7661.5/22

Right Out: -64.533 ± 0.484 χ^2/NDF : 1604.2/18

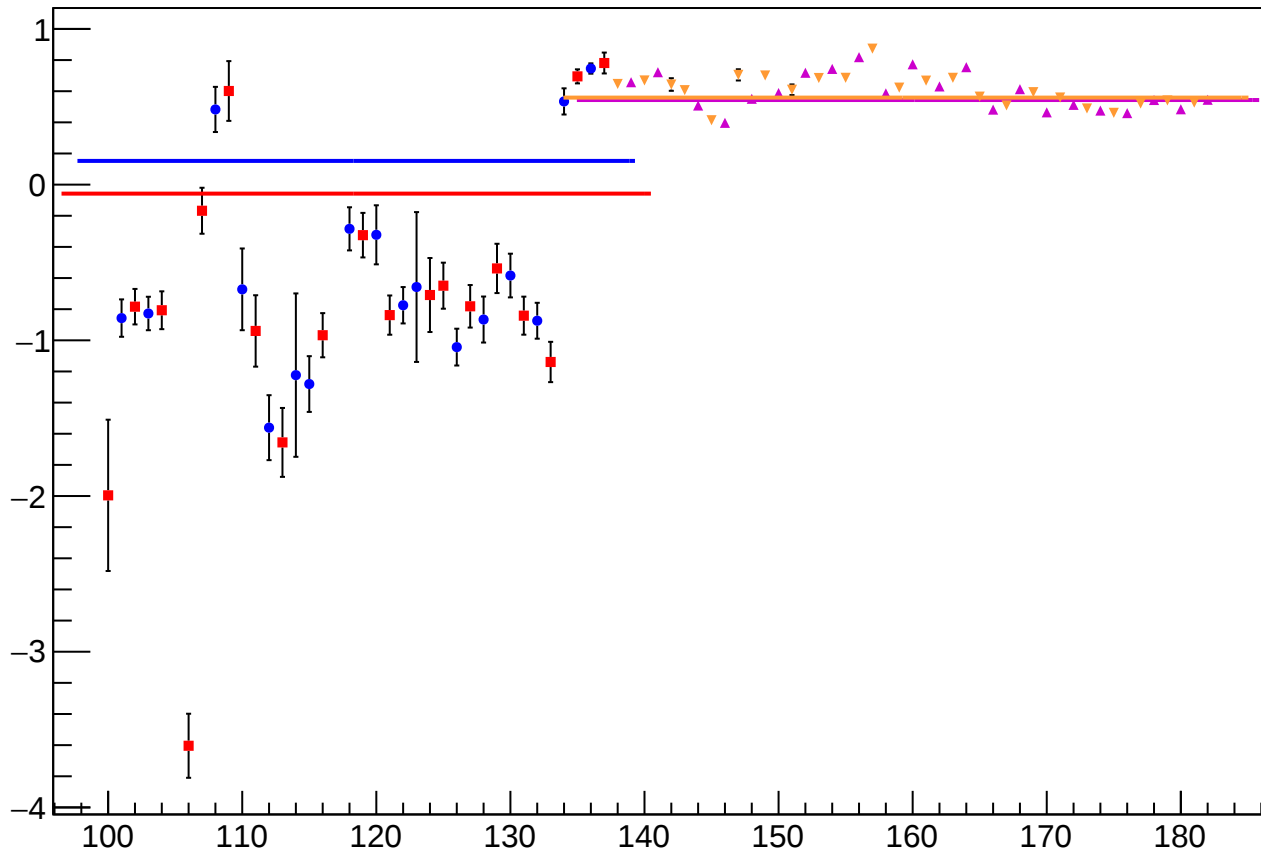
Left In: -30.032 ± 0.084 χ^2/NDF : 7009.6/21

+ sign -32.091 ± 0.084 χ^2/NDF : 14736.2/39

All: -31.550 ± 0.059 χ^2/NDF : 28367.0/80

- sign -31.035 ± 0.082 χ^2/NDF : 13550.8/40

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 χ^2/NDF : 987.4/16

Left Out: 0.559 ± 0.004 χ^2/NDF : 519.3/22

Right Out: -0.058 ± 0.026 χ^2/NDF : 1160.4/18

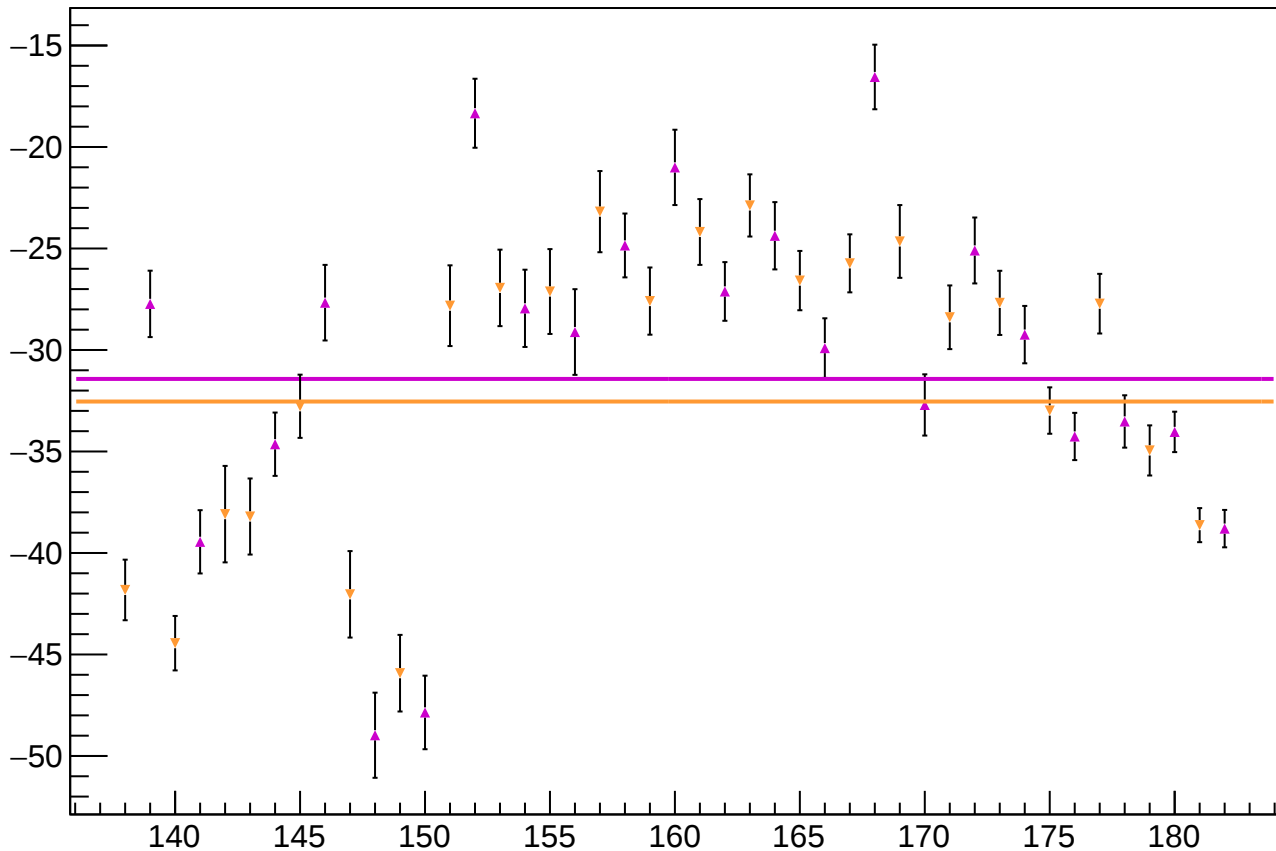
Left In: 0.543 ± 0.004 χ^2/NDF : 655.6/21

+ sign 0.548 ± 0.004 χ^2/NDF : 1785.0/39

All: 0.539 ± 0.003 χ^2/NDF : 4122.0/80

- sign 0.531 ± 0.004 χ^2/NDF : 2326.8/40

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.539 $\pm$ 0.317 χ^2 /NDF:463.1/22

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

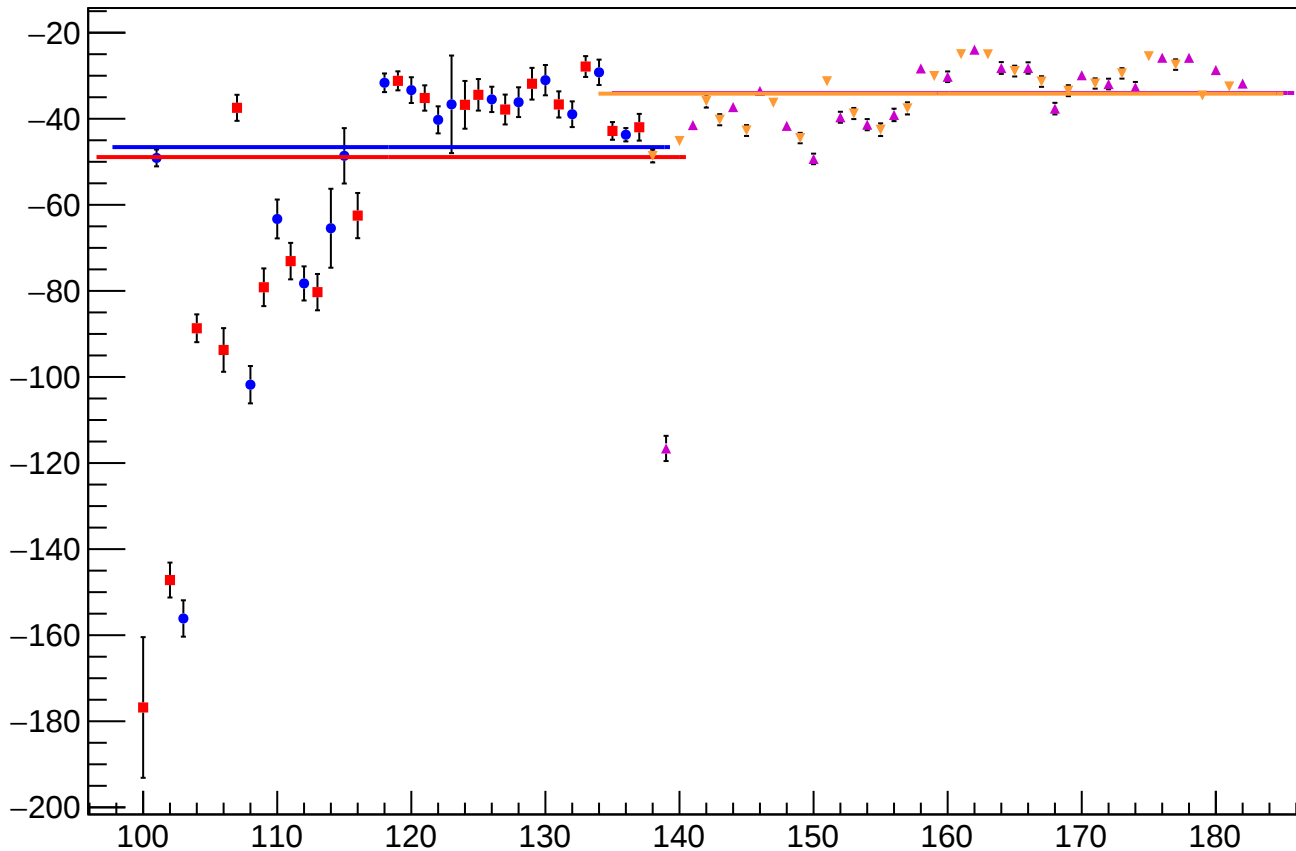
Left In: -31.426 $\pm$ 0.315 χ^2 /NDF:518.4/21

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

All: -31.978 $\pm$ 0.223 χ^2 /NDF: 987.7/44

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.587 ± 0.730 χ^2/NDF : 1076.0/16

Left Out: -34.165 ± 0.251 χ^2/NDF : 676.8/22

Right Out: -48.904 ± 0.764 χ^2/NDF : 1277.6/18

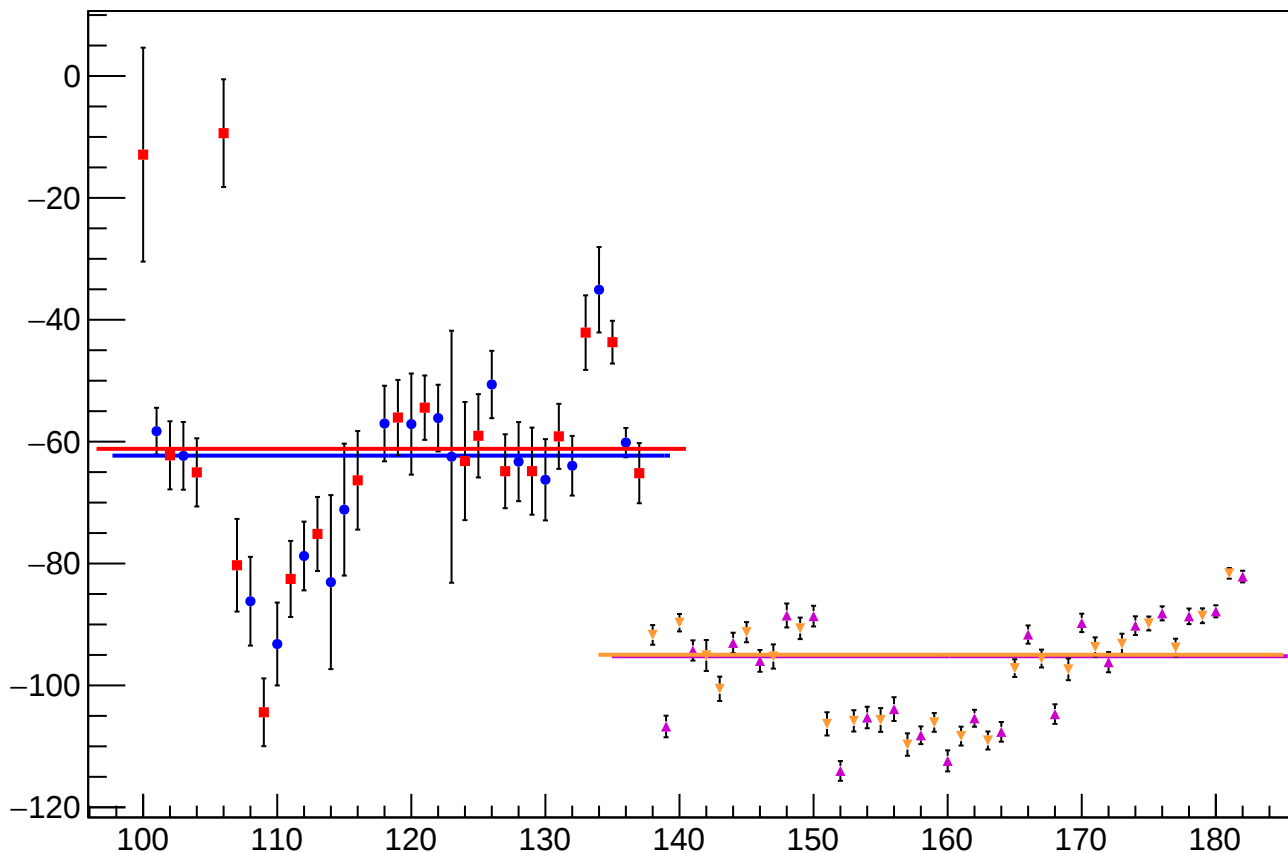
Left In: -34.011 ± 0.254 χ^2/NDF : 1441.0/21

+ sign -35.474 ± 0.237 χ^2/NDF : 2011.5/39

All: -35.482 ± 0.169 χ^2/NDF : 5072.0/80

- sign -35.490 ± 0.241 χ^2/NDF : 3060.5/40

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.294 ± 1.317 $\chi^2/\text{NDF}: 67.1/16$

Left Out: -94.969 ± 0.317 $\chi^2/\text{NDF}: 711.3/22$

Right Out: -61.180 ± 1.383 $\chi^2/\text{NDF}: 165.0/18$

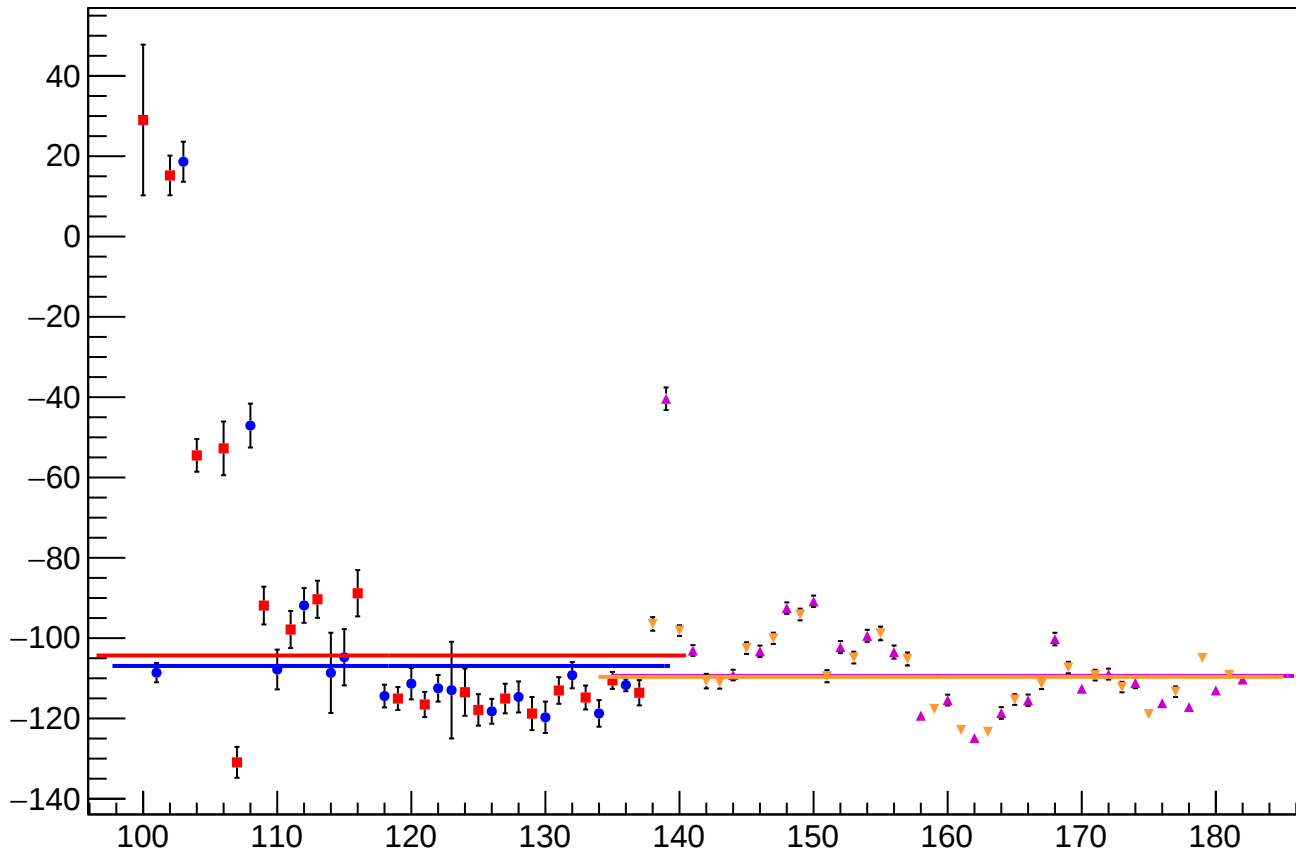
Left In: -95.217 ± 0.314 $\chi^2/\text{NDF}: 918.9/21$

+ sign -93.176 ± 0.309 $\chi^2/\text{NDF}: 1360.0/39$

All: -93.366 ± 0.217 $\chi^2/\text{NDF}: 3020.8/80$

- sign -93.553 ± 0.306 $\chi^2/\text{NDF}: 1660.0/40$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.926 ± 0.818 χ^2/NDF : 826.7/16

Left Out: -109.644 ± 0.283 χ^2/NDF : 782.3/22

Right Out: -104.324 ± 0.863 χ^2/NDF : 1020.5/18

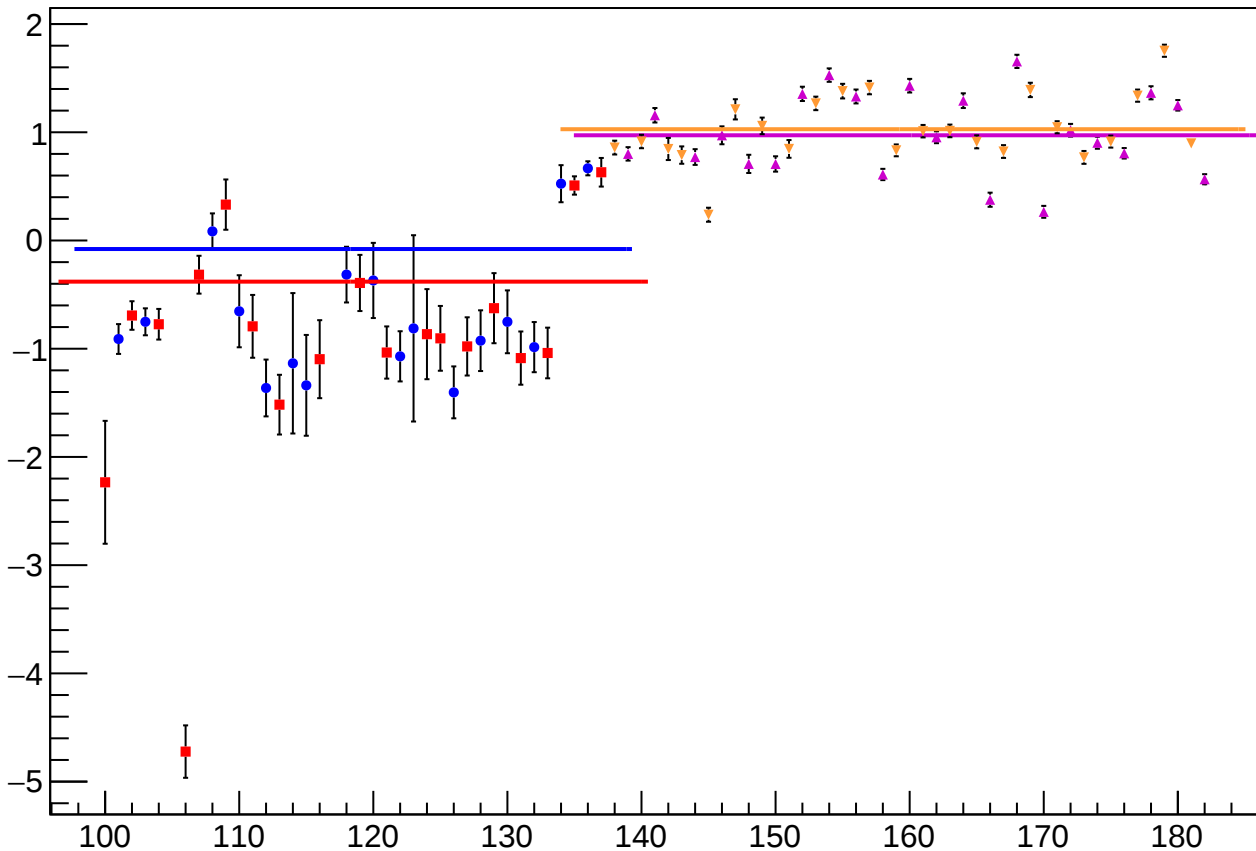
Left In: -109.397 ± 0.284 χ^2/NDF : 1479.3/21

+ sign -109.355 ± 0.267 χ^2/NDF : 1618.9/39

All: -109.130 ± 0.190 χ^2/NDF : 4151.2/80

- sign -108.903 ± 0.269 χ^2/NDF : 2531.0/40

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 $\chi^2/\text{NDF}: 328.6/16$

Left Out: 1.028 ± 0.013 $\chi^2/\text{NDF}: 547.4/22$

Right Out: -0.380 ± 0.044 $\chi^2/\text{NDF}: 580.2/18$

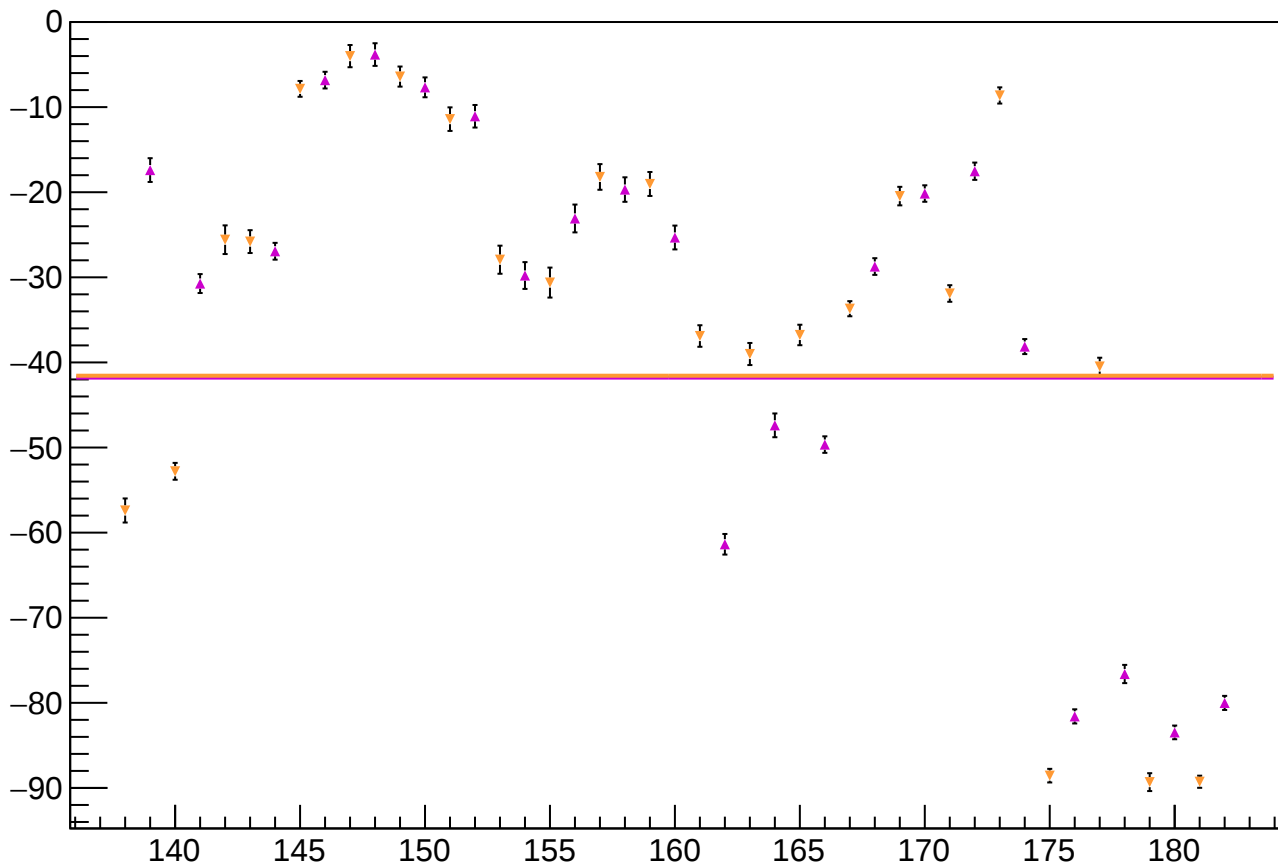
Left In: 0.972 ± 0.013 $\chi^2/\text{NDF}: 850.7/21$

+ sign 0.933 ± 0.012 $\chi^2/\text{NDF}: 1502.0/39$

All: 0.899 ± 0.009 $\chi^2/\text{NDF}: 3816.1/80$

- sign 0.866 ± 0.012 $\chi^2/\text{NDF}: 2299.7/40$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.561+/-0.232 χ^2/NDF :16352.8/22

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

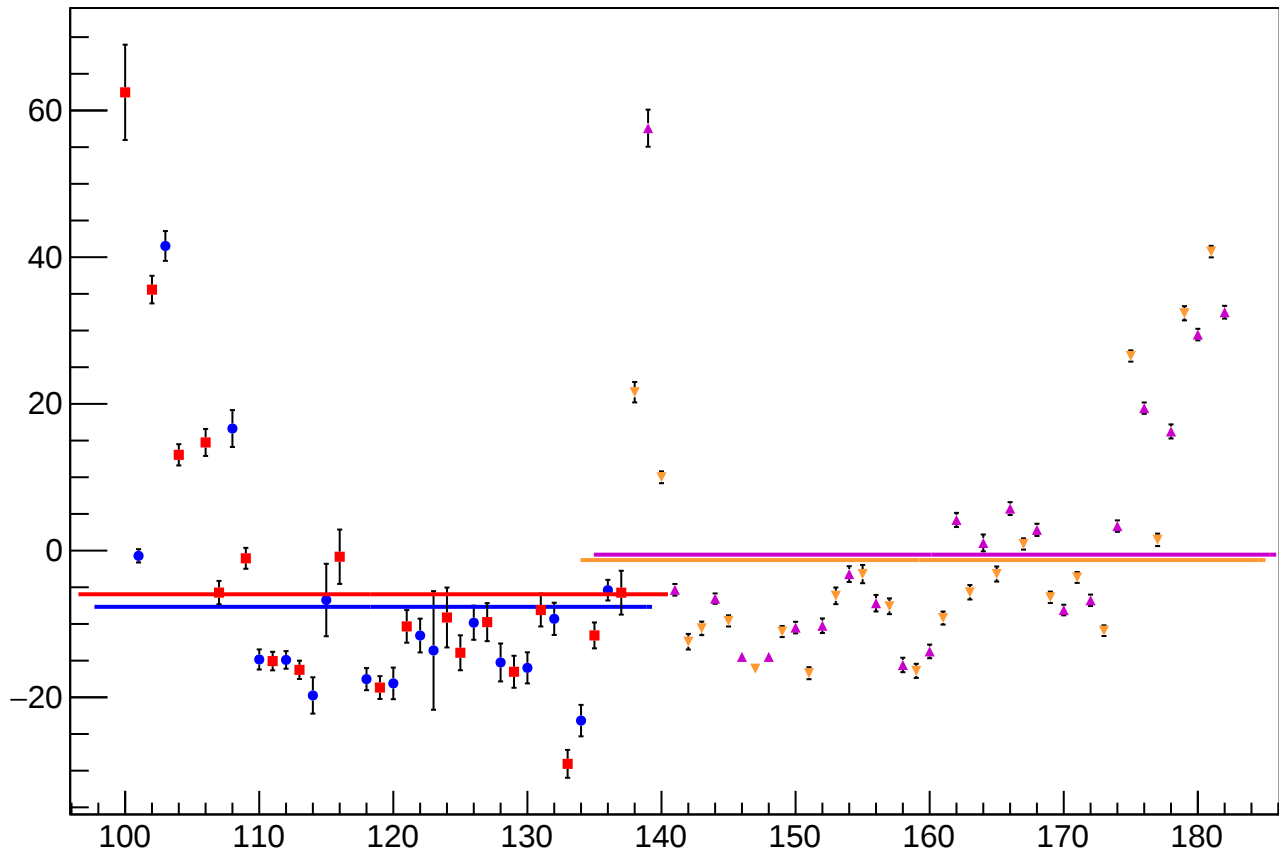
Left In: -41.783+/-0.230 χ^2/NDF :14444.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.673+/-0.163 χ^2/NDF : 30797.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.668 ± 0.431 χ^2/NDF : 975.9/16

Left Out: -1.290 ± 0.179 χ^2/NDF : 7886.8/22

Right Out: -5.954 ± 0.429 χ^2/NDF : 1298.5/18

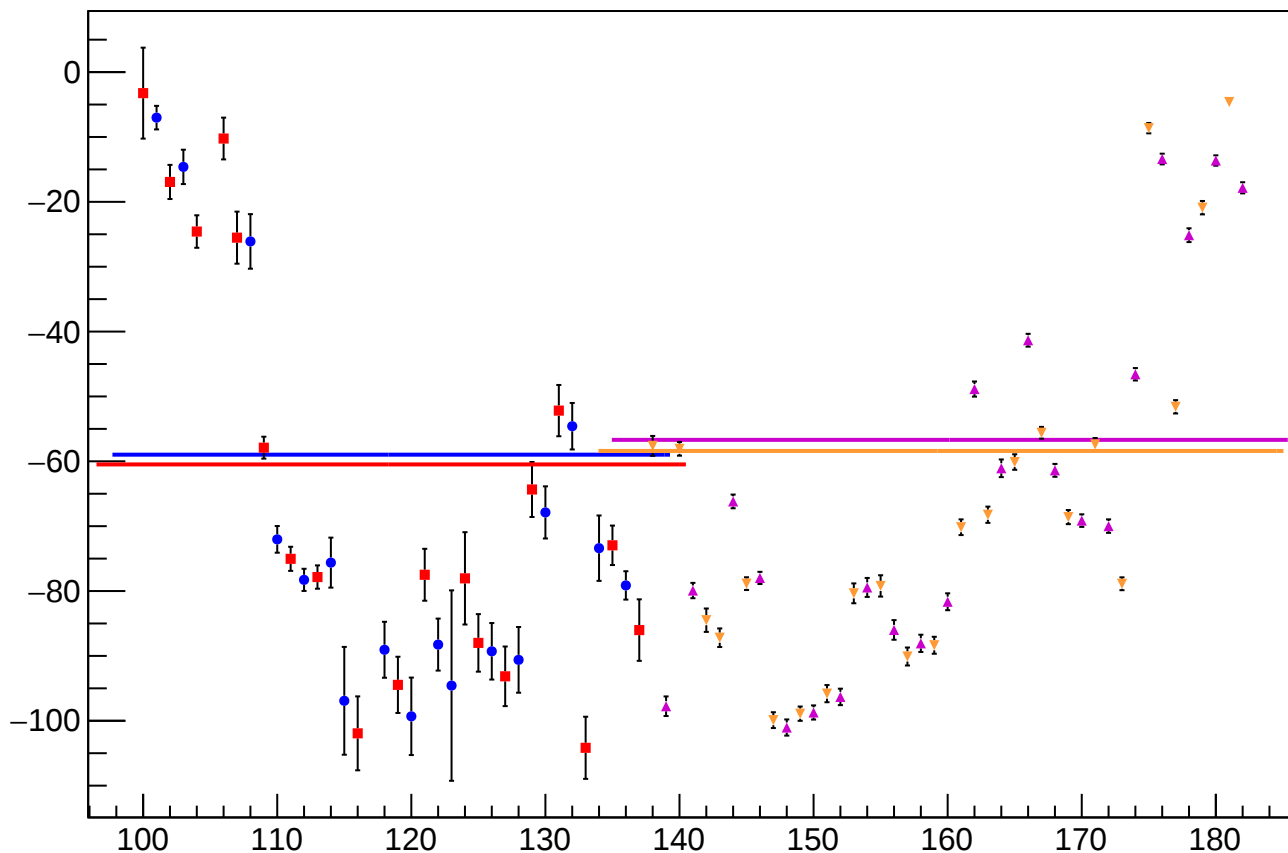
Left In: -0.554 ± 0.180 χ^2/NDF : 6493.7/21

+ sign -2.234 ± 0.166 χ^2/NDF : 9049.5/39

All: -1.801 ± 0.117 χ^2/NDF : 16989.9/80

- sign -1.365 ± 0.166 χ^2/NDF : 7926.7/40

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -58.976 ± 0.747 χ^2/NDF : 1707.7/16

Left Out: -58.402 ± 0.232 χ^2/NDF : 16917.0/22

Right Out: -60.479 ± 0.705 χ^2/NDF : 1384.2/18

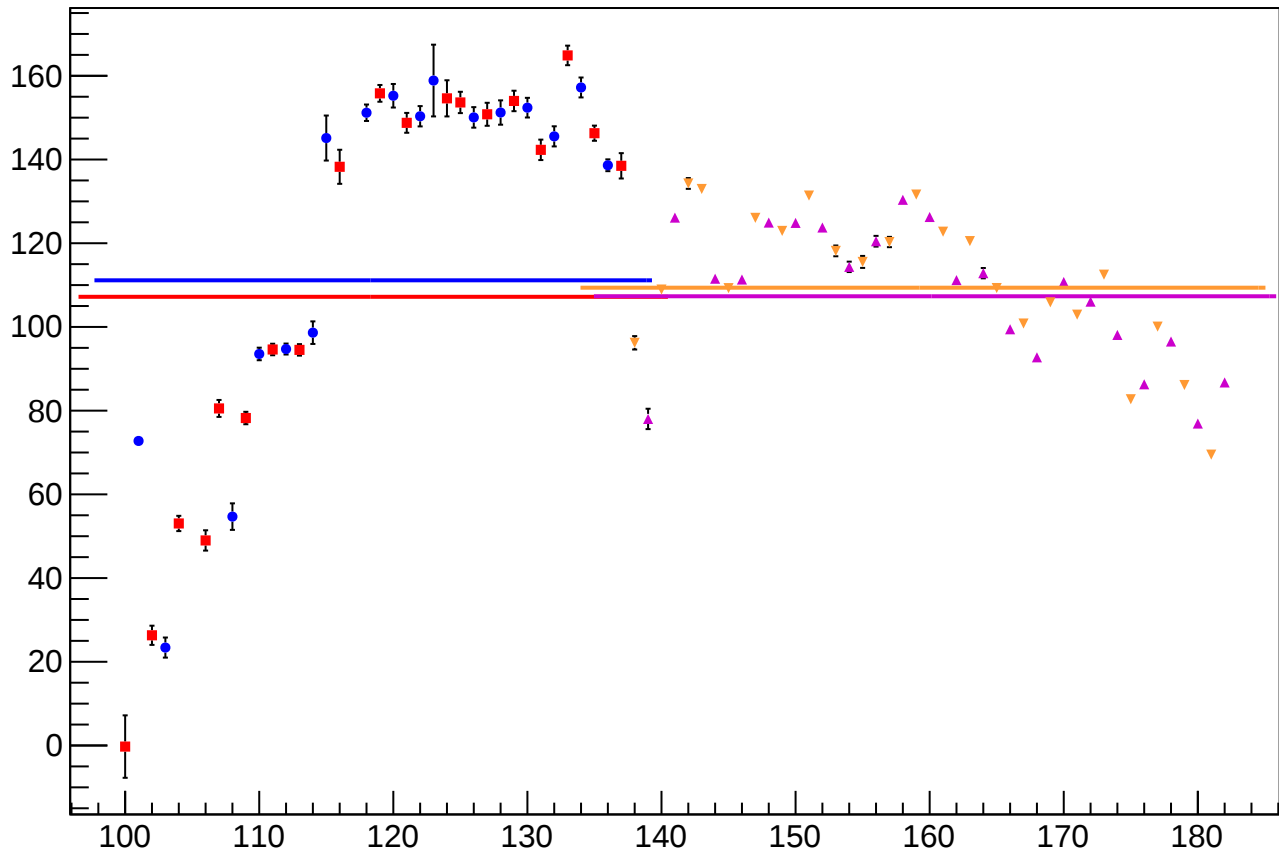
Left In: -56.692 ± 0.229 χ^2/NDF : 16324.6/21

+ sign -58.453 ± 0.222 χ^2/NDF : 18625.2/39

All: -57.742 ± 0.156 χ^2/NDF : 36380.2/80

- sign -57.055 ± 0.218 χ^2/NDF : 17734.8/40

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.139 ± 0.490 χ^2/NDF : 5863.6/16

Left Out: 109.377 ± 0.204 χ^2/NDF : 6975.6/22

Right Out: 107.202 ± 0.488 χ^2/NDF : 7042.9/18

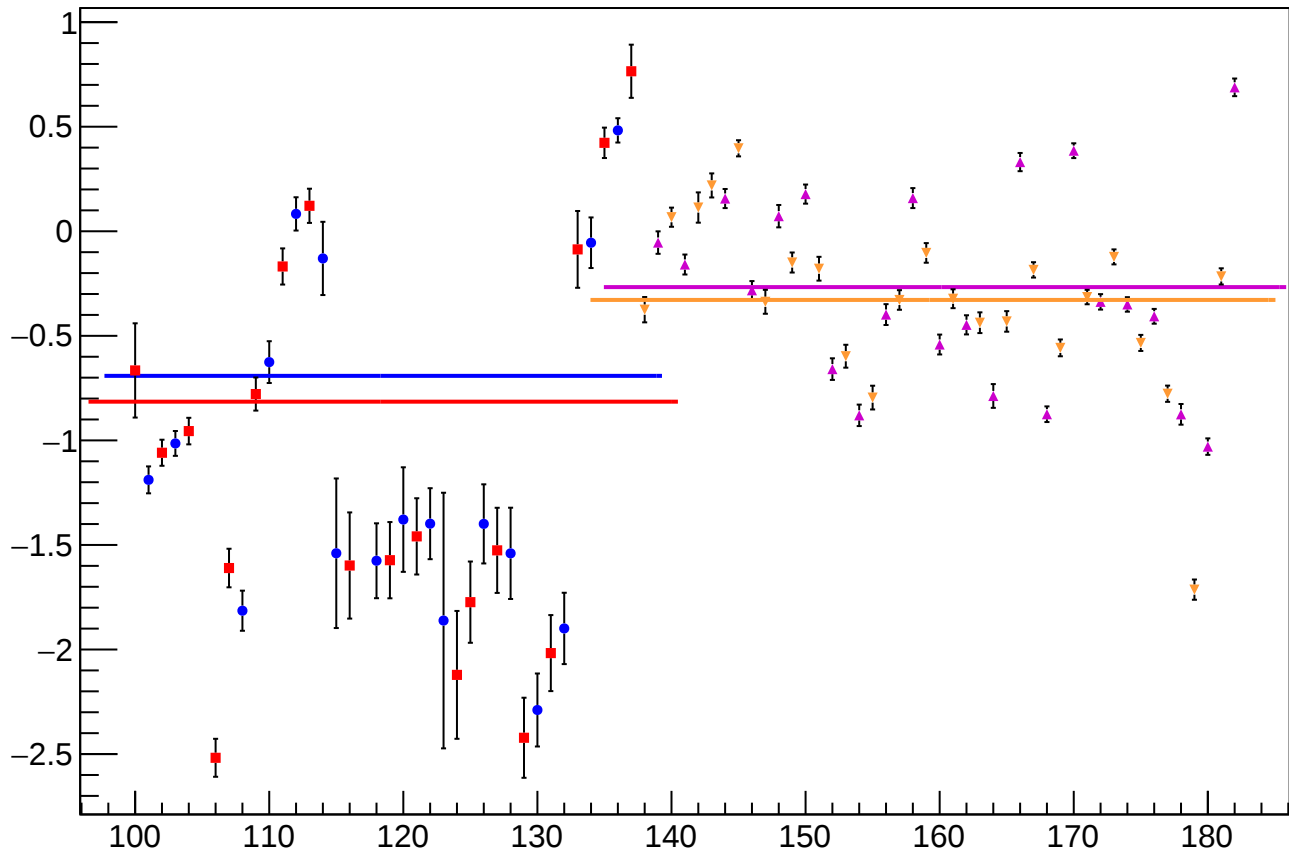
Left In: 107.328 ± 0.204 χ^2/NDF : 5548.9/21

+ sign 109.637 ± 0.188 χ^2/NDF : 12850.2/39

All: 108.473 ± 0.133 χ^2/NDF : 25518.6/80

- sign 107.309 ± 0.188 χ^2/NDF : 12591.9/40

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 988.9/16

Left Out: -0.328 ± 0.009 χ^2/NDF : 1771.5/22

Right Out: -0.815 ± 0.024 χ^2/NDF : 1302.6/18

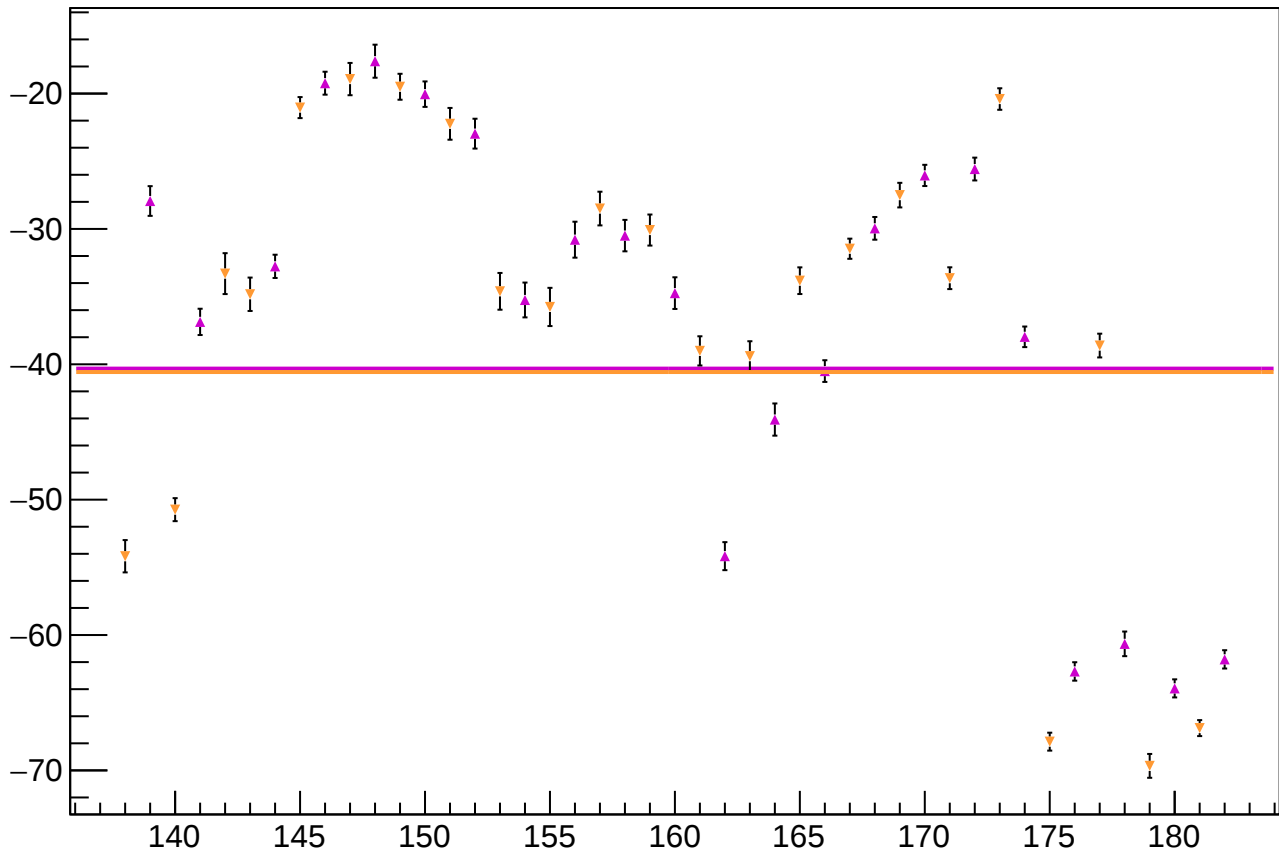
Left In: -0.267 ± 0.009 χ^2/NDF : 2519.2/21

+ sign -0.371 ± 0.009 χ^2/NDF : 2934.4/39

All: -0.354 ± 0.006 χ^2/NDF : 7204.0/80

- sign -0.337 ± 0.009 χ^2/NDF : 4262.1/40

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -40.571+/-0.195 χ^2/NDF : 8121.8/22

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

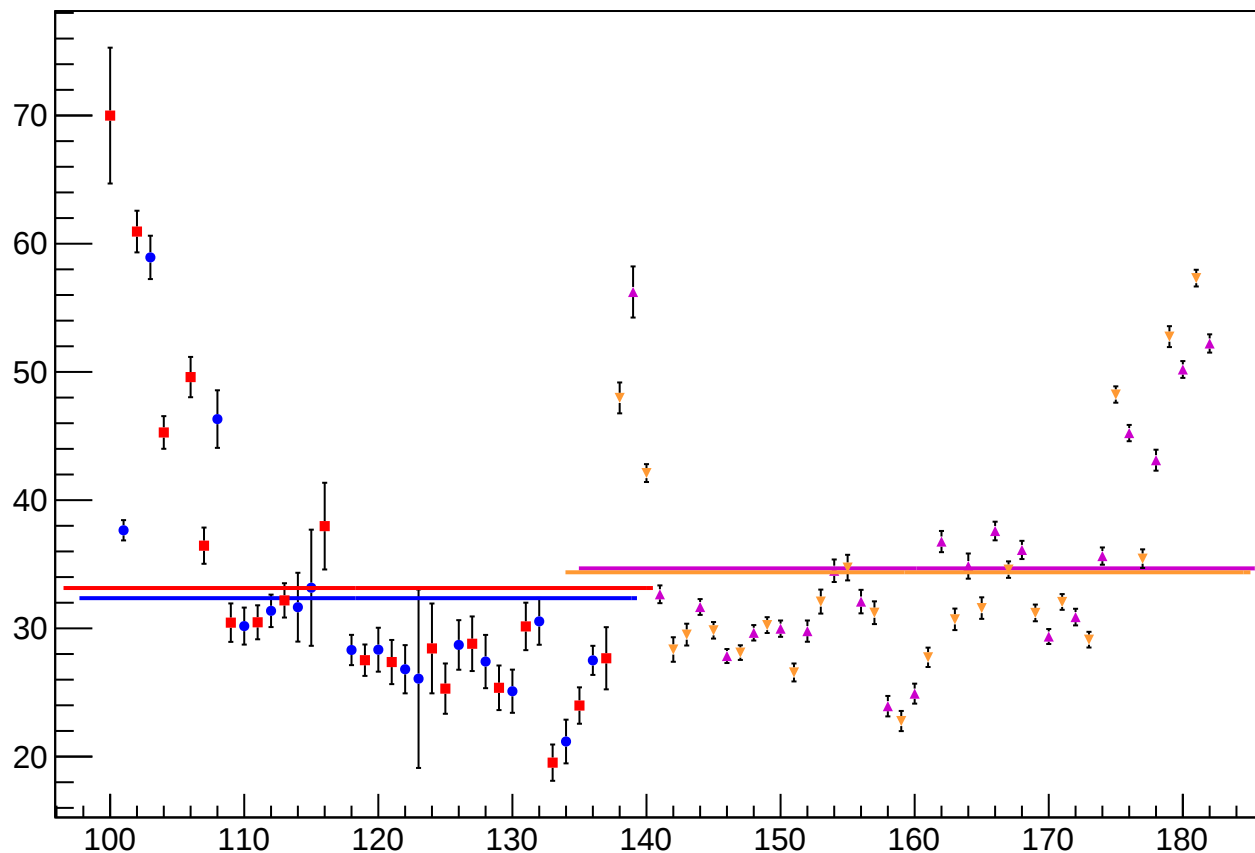
Left In: -40.319+/-0.192 χ^2/NDF : 6883.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.444+/-0.137 χ^2/NDF : 15006.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.356 $\pm$ 0.376 χ^2 /NDF: 450.5/16

Left Out: 34.374 $\pm$ 0.152 χ^2 /NDF:3337.3/22

Right Out: 33.147 $\pm$ 0.379 χ^2 /NDF: 773.3/18

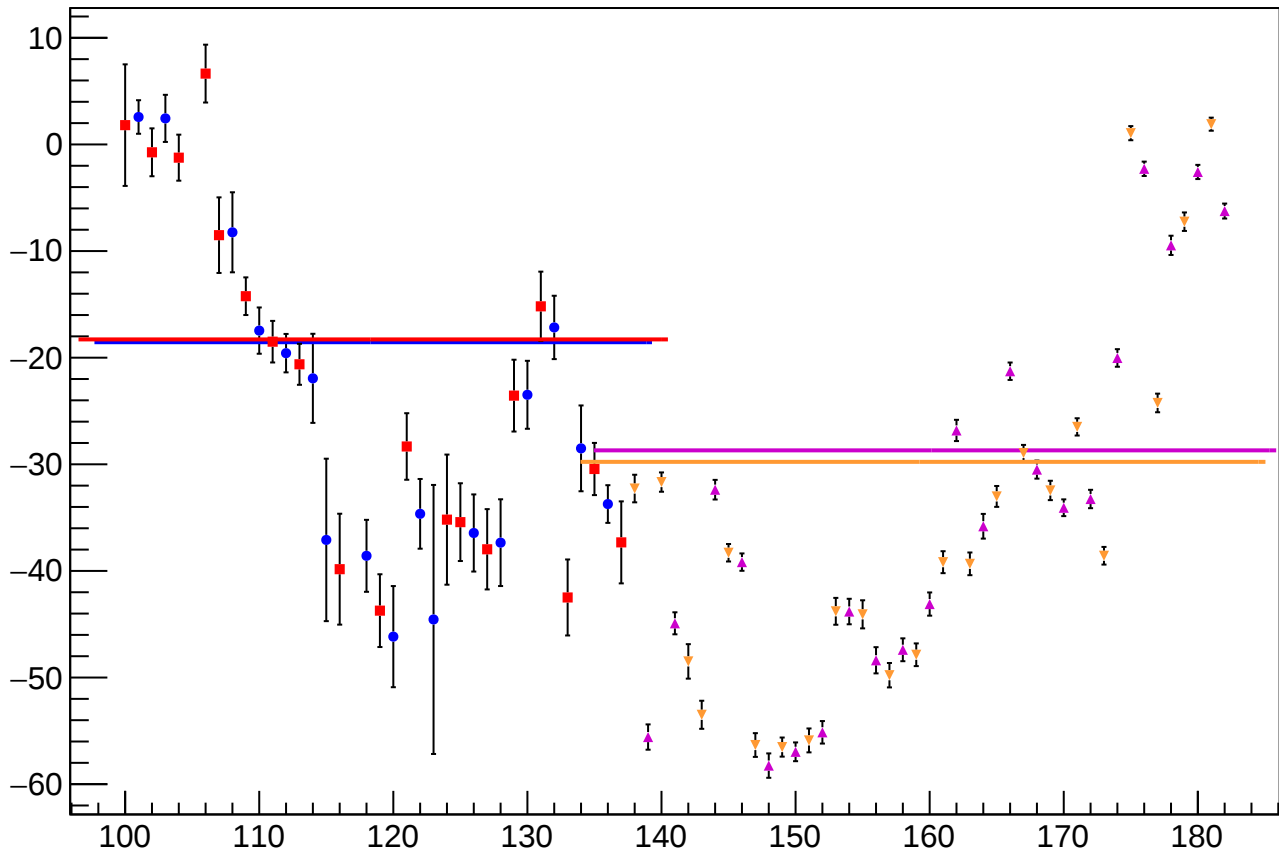
Left In: 34.679 $\pm$ 0.153 χ^2 /NDF:2506.2/21

+ sign 34.091 $\pm$ 0.141 χ^2 /NDF: 3812.5/39

All: 34.277 $\pm$ 0.100 χ^2 /NDF: 7109.6/80

- sign 34.465 $\pm$ 0.142 χ^2 /NDF: 3293.5/40

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.549 ± 0.669 $\chi^2/\text{NDF}: 511.1/16$

Left Out: -29.770 ± 0.195 $\chi^2/\text{NDF}: 9273.9/22$

Right Out: -18.286 ± 0.645 $\chi^2/\text{NDF}: 473.5/18$

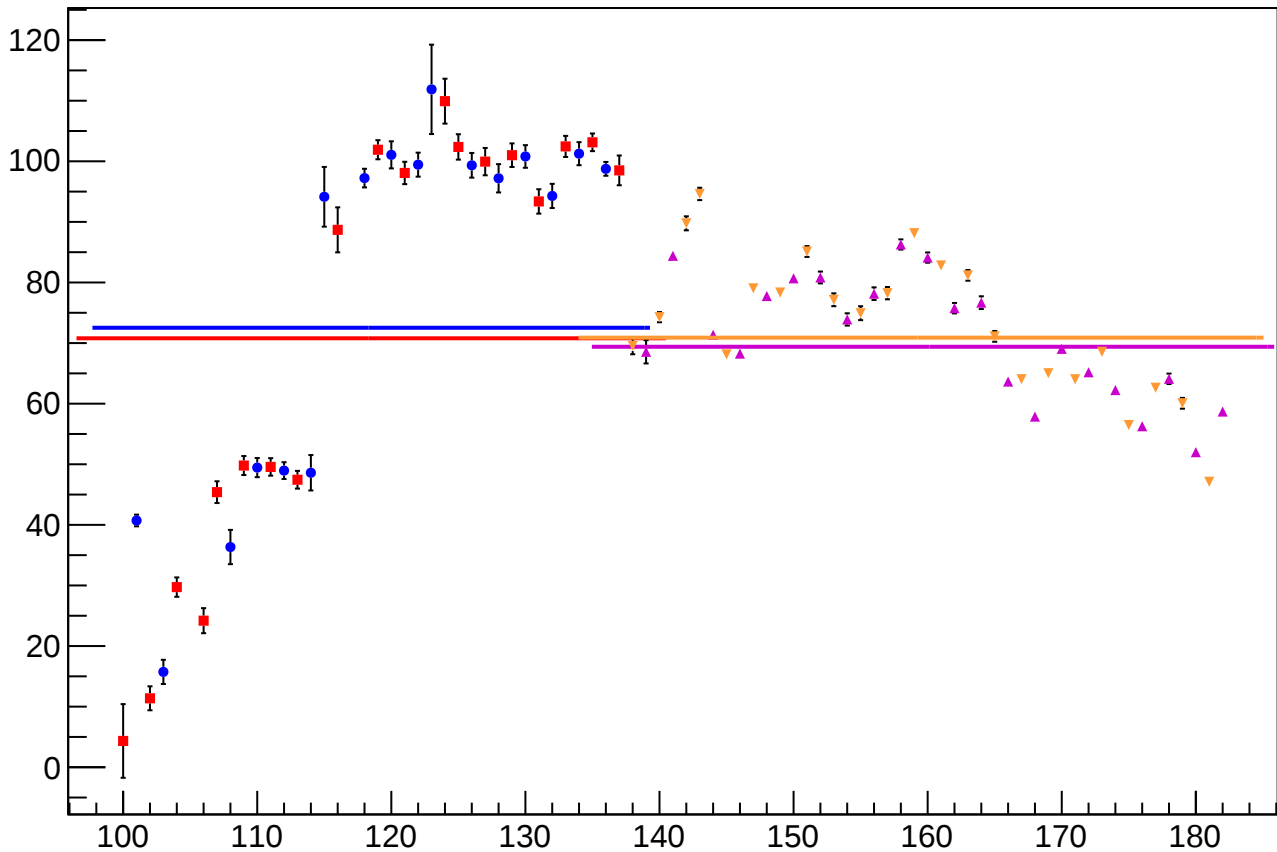
Left In: -28.692 ± 0.192 $\chi^2/\text{NDF}: 9033.6/21$

+ sign -28.891 ± 0.187 $\chi^2/\text{NDF}: 10044.6/39$

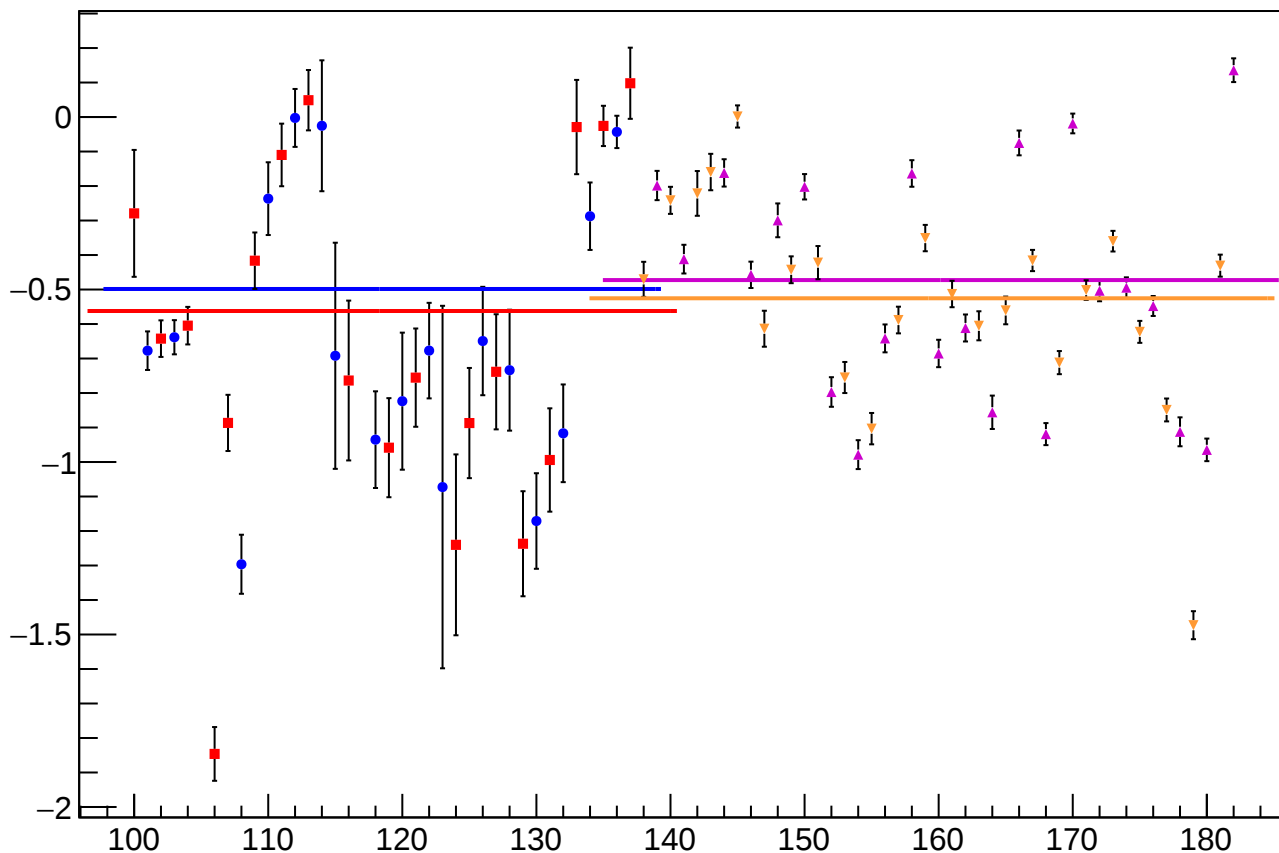
All: -28.359 ± 0.131 $\chi^2/\text{NDF}: 19807.0/80$

- sign -27.845 ± 0.184 $\chi^2/\text{NDF}: 9746.5/40$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 302.1/16

Left Out: -0.525 ± 0.008 χ^2/NDF : 1259.8/22

Right Out: -0.562 ± 0.021 χ^2/NDF : 560.3/18

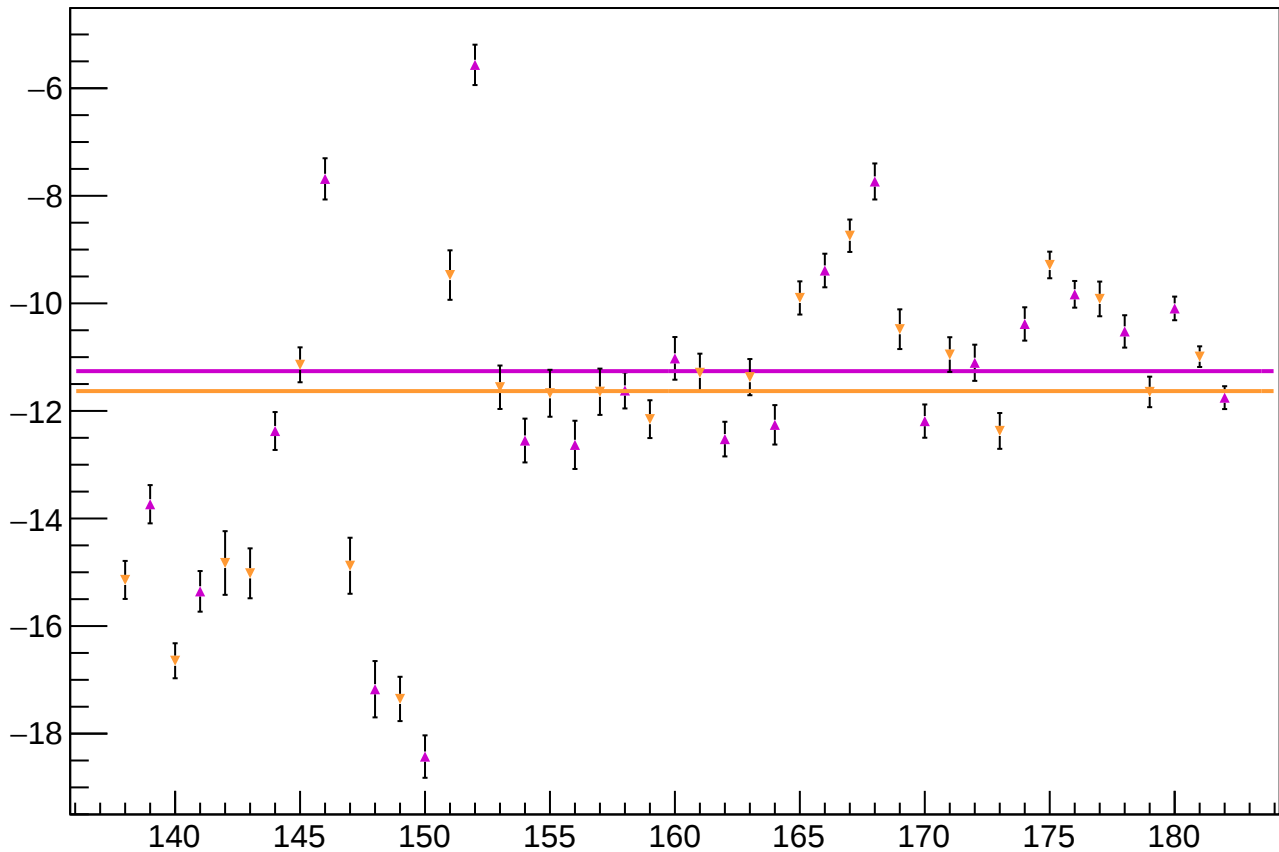
Left In: -0.473 ± 0.008 χ^2/NDF : 1787.4/21

+ sign -0.522 ± 0.007 χ^2/NDF : 1563.2/39

All: -0.502 ± 0.005 χ^2/NDF : 3940.5/80

- sign -0.483 ± 0.007 χ^2/NDF : 2363.2/40

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: -11.631+/-0.070 χ^2/NDF : 950.2/22

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

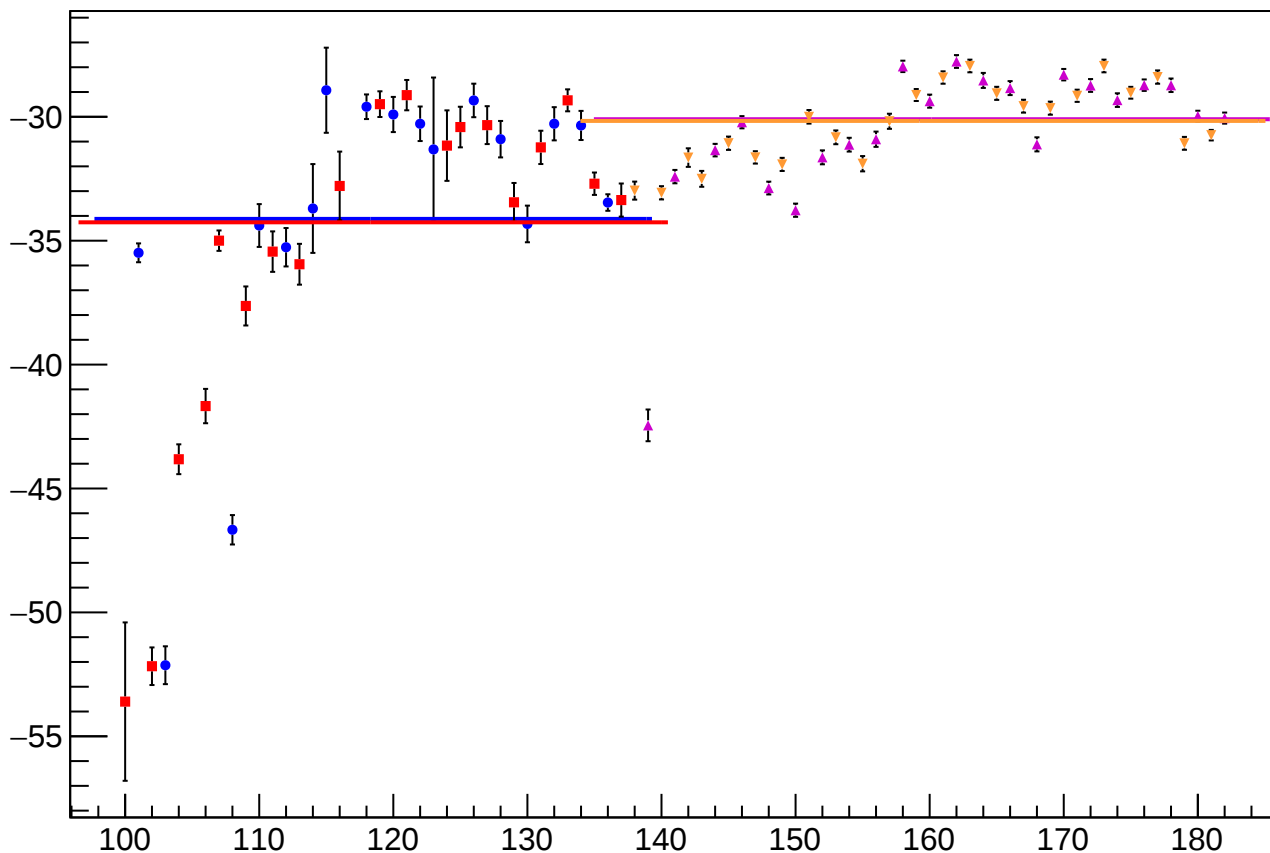
Left In: -11.260+/-0.069 χ^2/NDF : 1230.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.443+/-0.049 χ^2/NDF : 2195.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.120 ± 0.152 $\chi^2/\text{NDF}: 1324.4/16$

Left Out: -30.166 ± 0.056 $\chi^2/\text{NDF}: 719.6/22$

Right Out: -34.258 ± 0.151 $\chi^2/\text{NDF}: 1356.1/18$

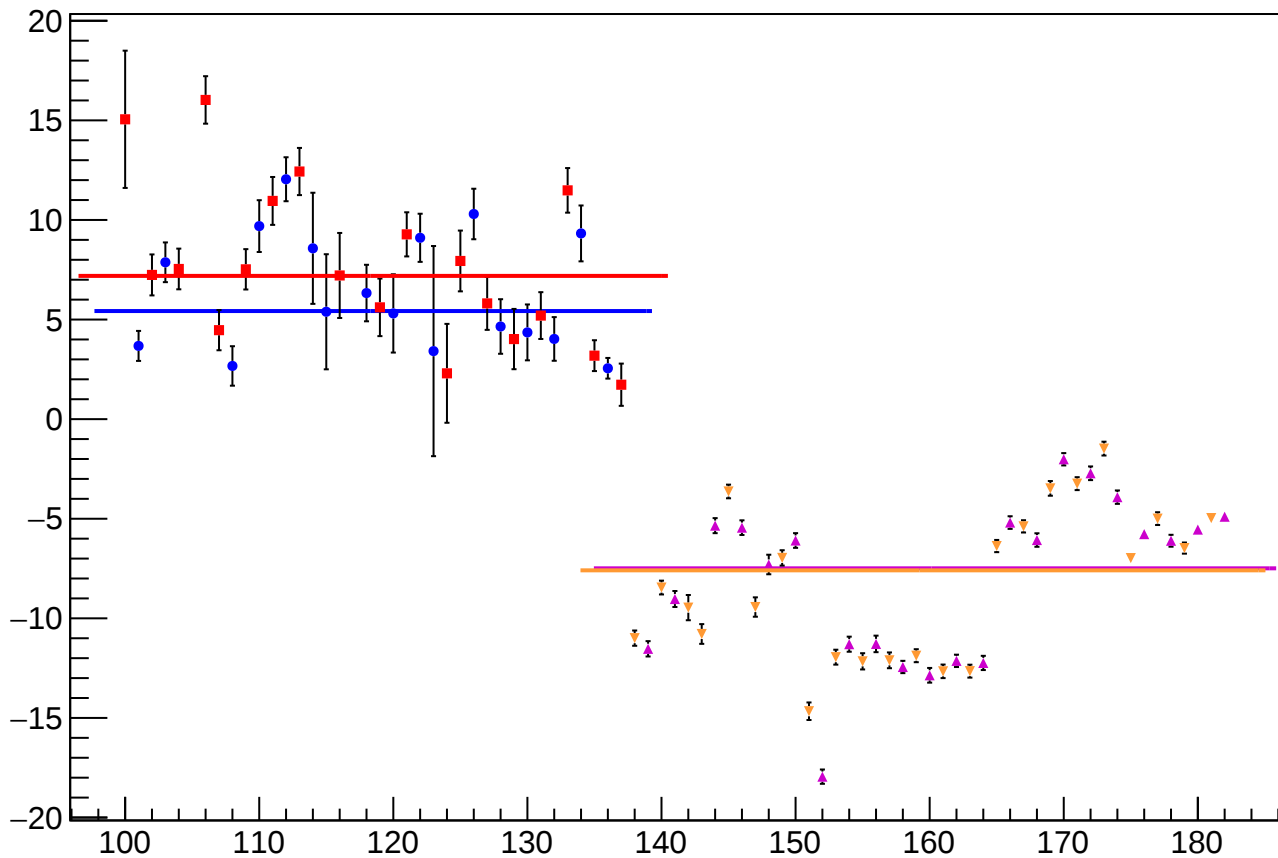
Left In: -30.098 ± 0.056 $\chi^2/\text{NDF}: 1216.2/21$

+ sign -30.636 ± 0.052 $\chi^2/\text{NDF}: 2640.5/39$

All: -30.619 ± 0.037 $\chi^2/\text{NDF}: 5880.0/80$

- sign -30.603 ± 0.053 $\chi^2/\text{NDF}: 3239.3/40$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.427 ± 0.271 χ^2/NDF : 132.7/16

Left Out: -7.590 ± 0.070 χ^2/NDF : 2514.8/22

Right Out: 7.192 ± 0.275 χ^2/NDF : 182.2/18

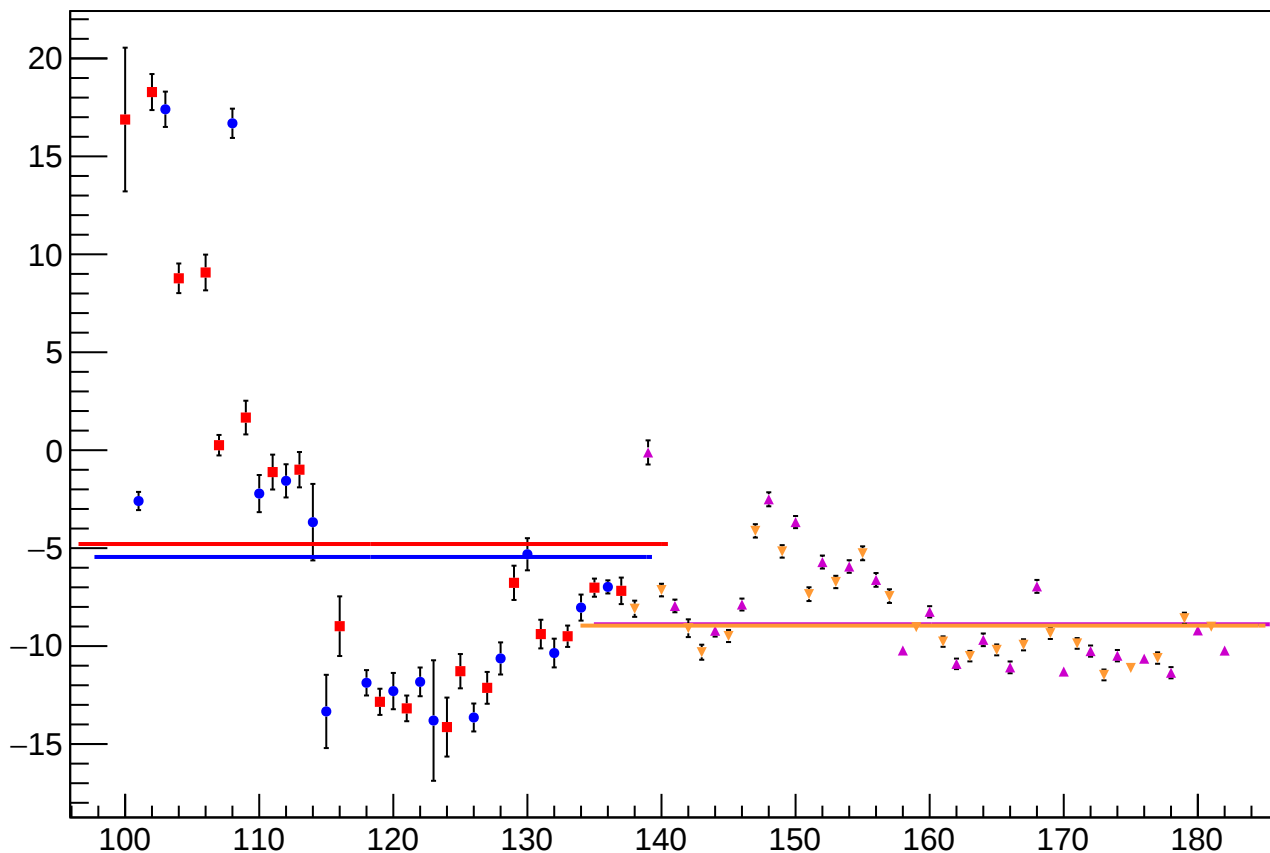
Left In: -7.490 ± 0.069 χ^2/NDF : 3081.4/21

+ sign -6.773 ± 0.068 χ^2/NDF : 4814.6/39

All: -6.697 ± 0.048 χ^2/NDF : 10766.2/80

- sign -6.623 ± 0.067 χ^2/NDF : 5949.1/40

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.450 ± 0.171 $\chi^2/\text{NDF}: 2097.1/16$

Left Out: -8.954 ± 0.062 $\chi^2/\text{NDF}: 868.0/22$

Right Out: -4.789 ± 0.173 $\chi^2/\text{NDF}: 2047.5/18$

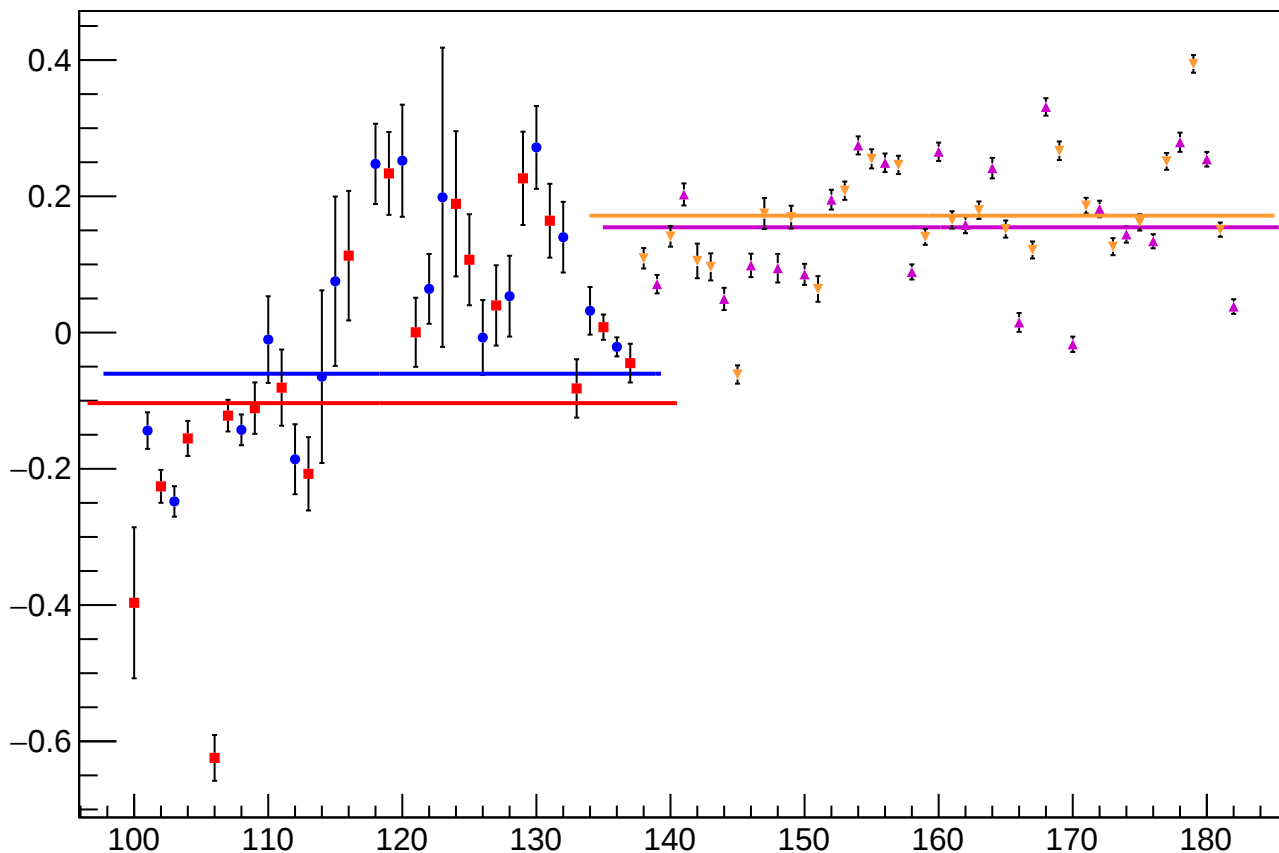
Left In: -8.887 ± 0.062 $\chi^2/\text{NDF}: 1531.9/21$

+ sign -8.542 ± 0.059 $\chi^2/\text{NDF}: 3335.3/39$

All: -8.479 ± 0.041 $\chi^2/\text{NDF}: 7412.7/80$

- sign -8.417 ± 0.059 $\chi^2/\text{NDF}: 4075.2/40$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.008 χ^2/NDF : 214.5/16

Left Out: 0.172 ± 0.003 χ^2/NDF : 881.8/22

Right Out: -0.104 ± 0.008 χ^2/NDF : 433.1/18

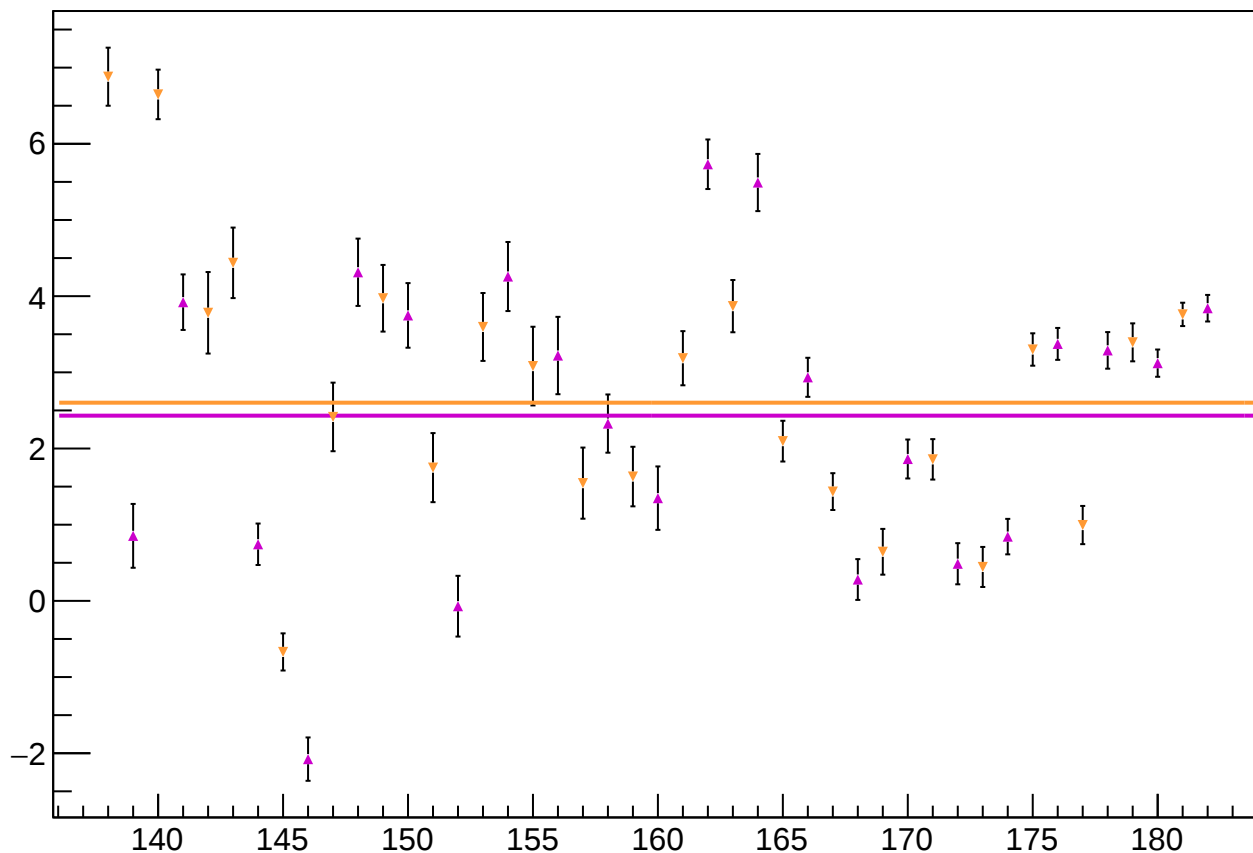
Left In: 0.155 ± 0.003 χ^2/NDF : 1215.6/21

+ sign 0.148 ± 0.003 χ^2/NDF : 1779.6/39

All: 0.138 ± 0.002 χ^2/NDF : 4294.7/80

- sign 0.129 ± 0.003 χ^2/NDF : 2490.6/40

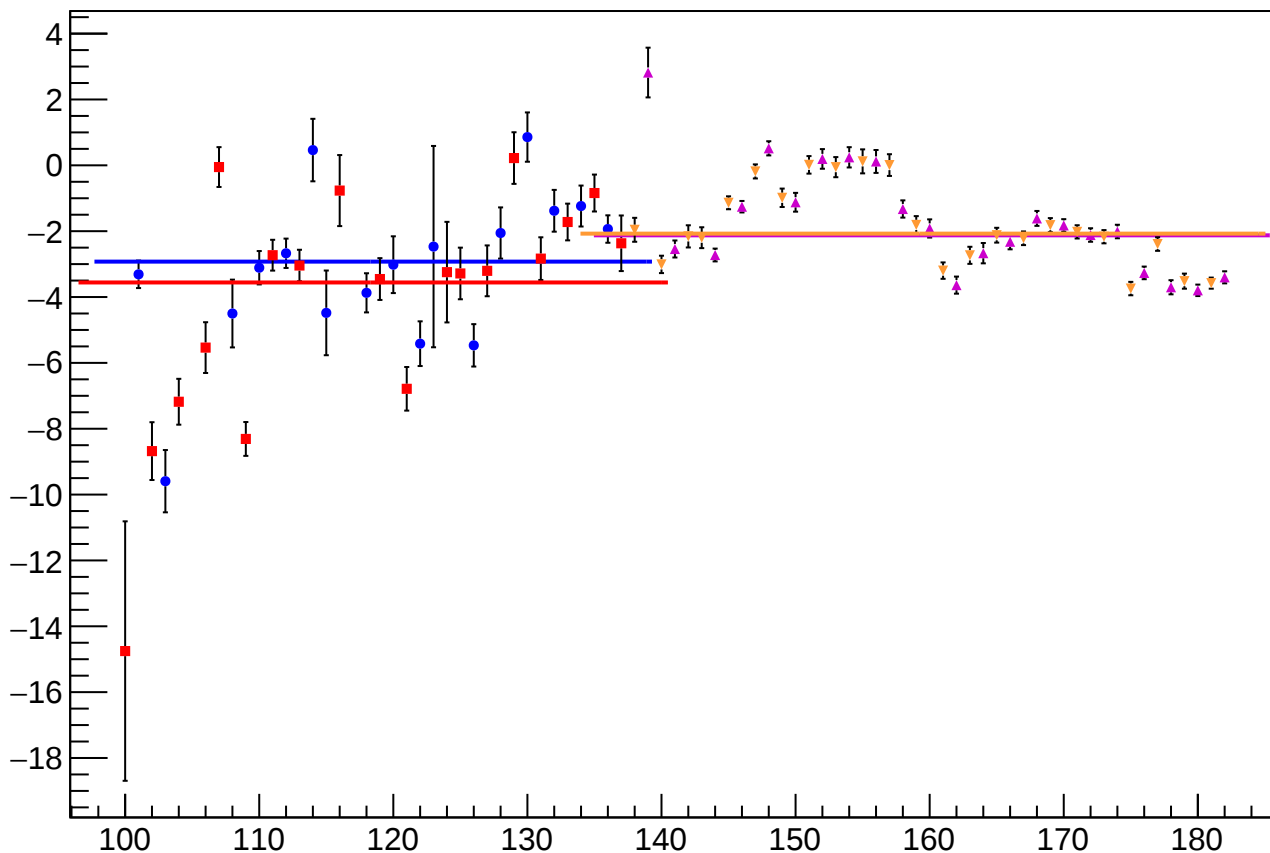
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.602 $\pm$ 0.062 χ^2 /NDF:792.0/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.431 $\pm$ 0.060 χ^2 /NDF:867.4/21

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.514 $\pm$ 0.043 χ^2 /NDF: 1663.3/44
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.925 ± 0.155 χ^2/NDF : 144.9/16

Left Out: -2.075 ± 0.050 χ^2/NDF : 528.9/22

Right Out: -3.558 ± 0.155 χ^2/NDF : 290.8/18

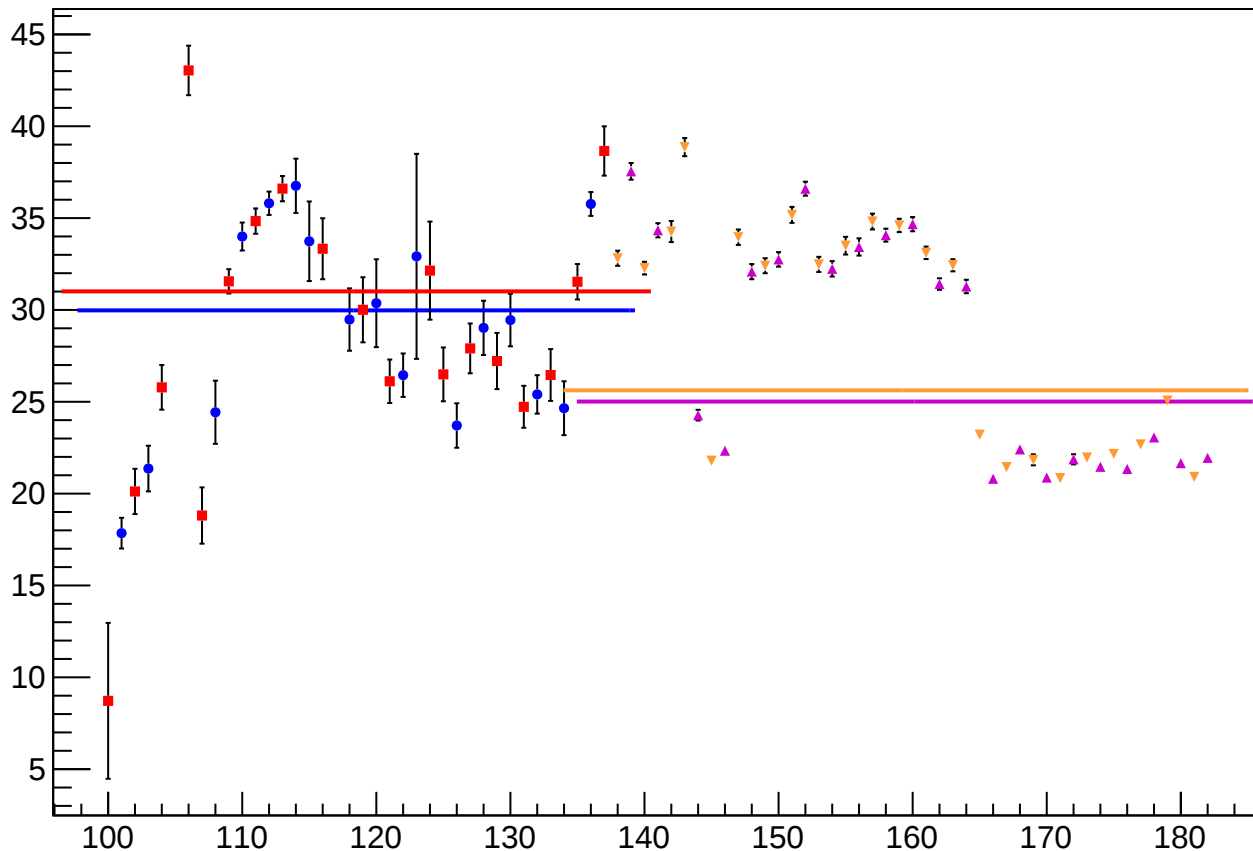
Left In: -2.126 ± 0.049 χ^2/NDF : 689.1/21

+ sign -2.154 ± 0.047 χ^2/NDF : 701.0/39

All: -2.206 ± 0.033 χ^2/NDF : 1761.1/80

- sign -2.256 ± 0.047 χ^2/NDF : 1057.7/40

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.976 $\pm$ 0.268 χ^2 /NDF: 554.0/16

Left Out: 25.624 $\pm$ 0.062 χ^2 /NDF: 7815.9/22

Right Out: 31.010 $\pm$ 0.260 χ^2 /NDF: 478.7/18

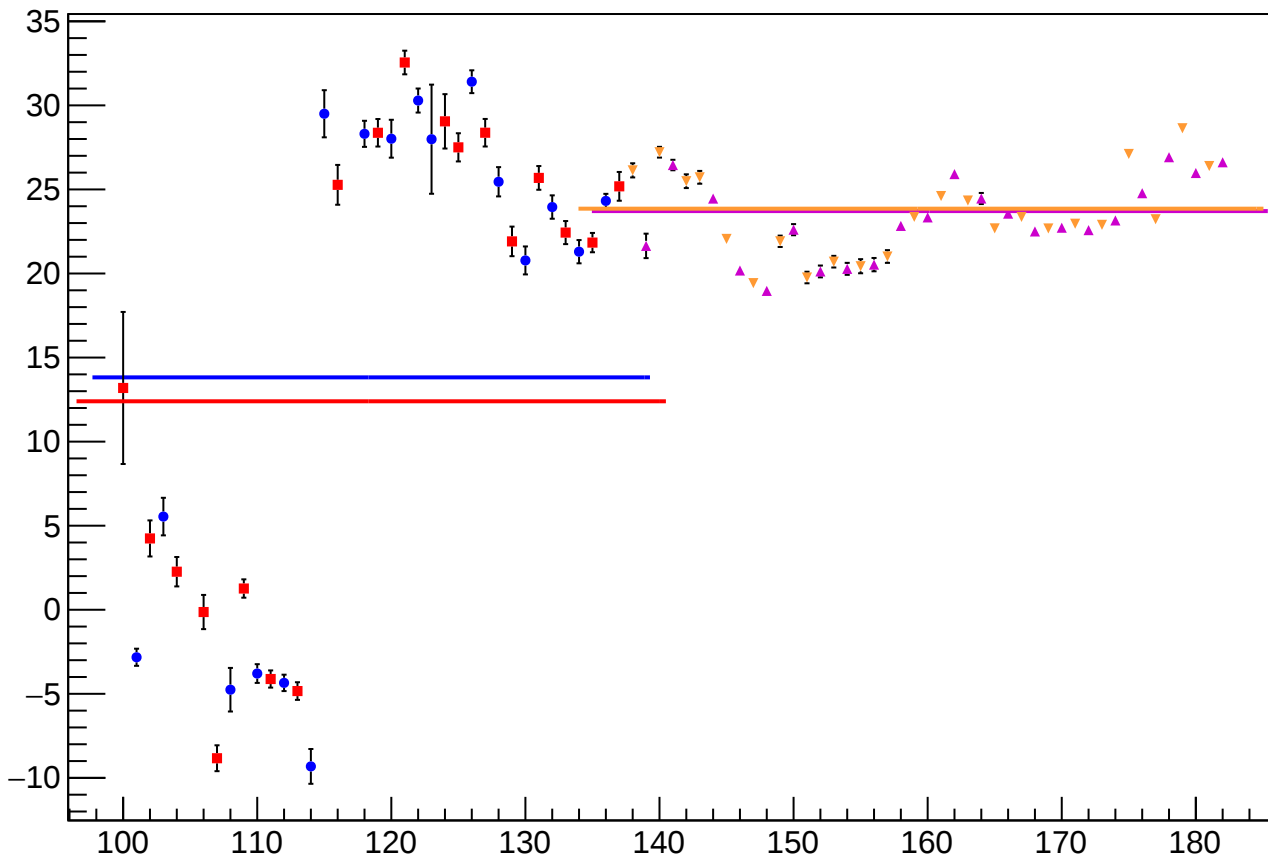
Left In: 25.012 $\pm$ 0.060 χ^2 /NDF: 7609.0/21

+ sign 25.847 $\pm$ 0.061 χ^2 /NDF: 8620.5/39

All: 25.575 $\pm$ 0.042 χ^2 /NDF: 17250.4/80

- sign 25.319 $\pm$ 0.059 χ^2 /NDF: 8591.0/40

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.822 $\pm$ 0.173 χ^2 /NDF: 7274.7/16

Left Out: 23.856 $\pm$ 0.056 χ^2 /NDF:1751.8/22

Right Out: 12.399 $\pm$ 0.174 χ^2 /NDF: 6952.8/18

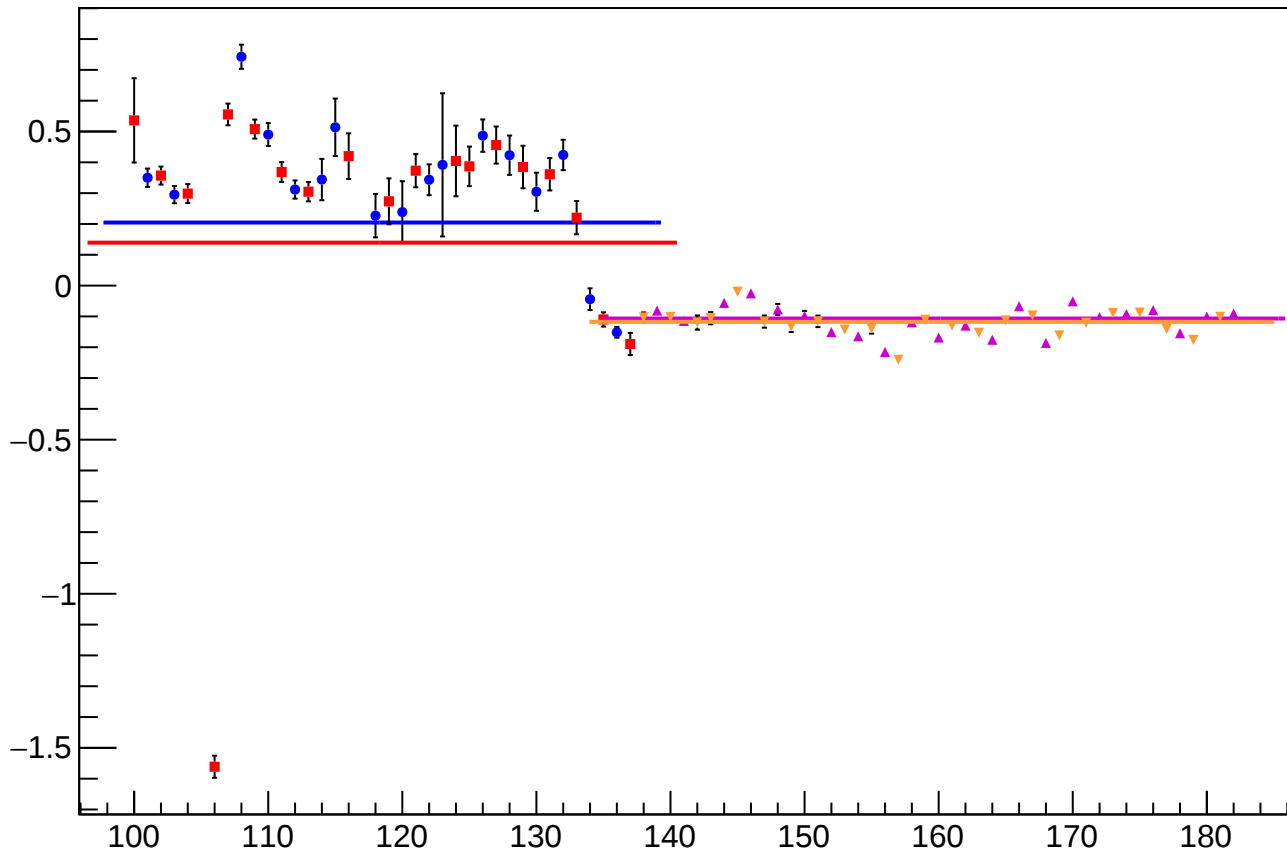
Left In: 23.712 $\pm$ 0.055 χ^2 /NDF:1630.4/21

+ sign 22.912 $\pm$ 0.053 χ^2 /NDF: 12073.3/39

All: 22.802 $\pm$ 0.037 χ^2 /NDF: 24512.5/80

- sign 22.696 $\pm$ 0.052 χ^2 /NDF: 12430.8/40

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.4/16

Left Out: -0.118 ± 0.003 χ^2/NDF : 254.2/22

Right Out: 0.139 ± 0.009 χ^2/NDF : 3013.6/18

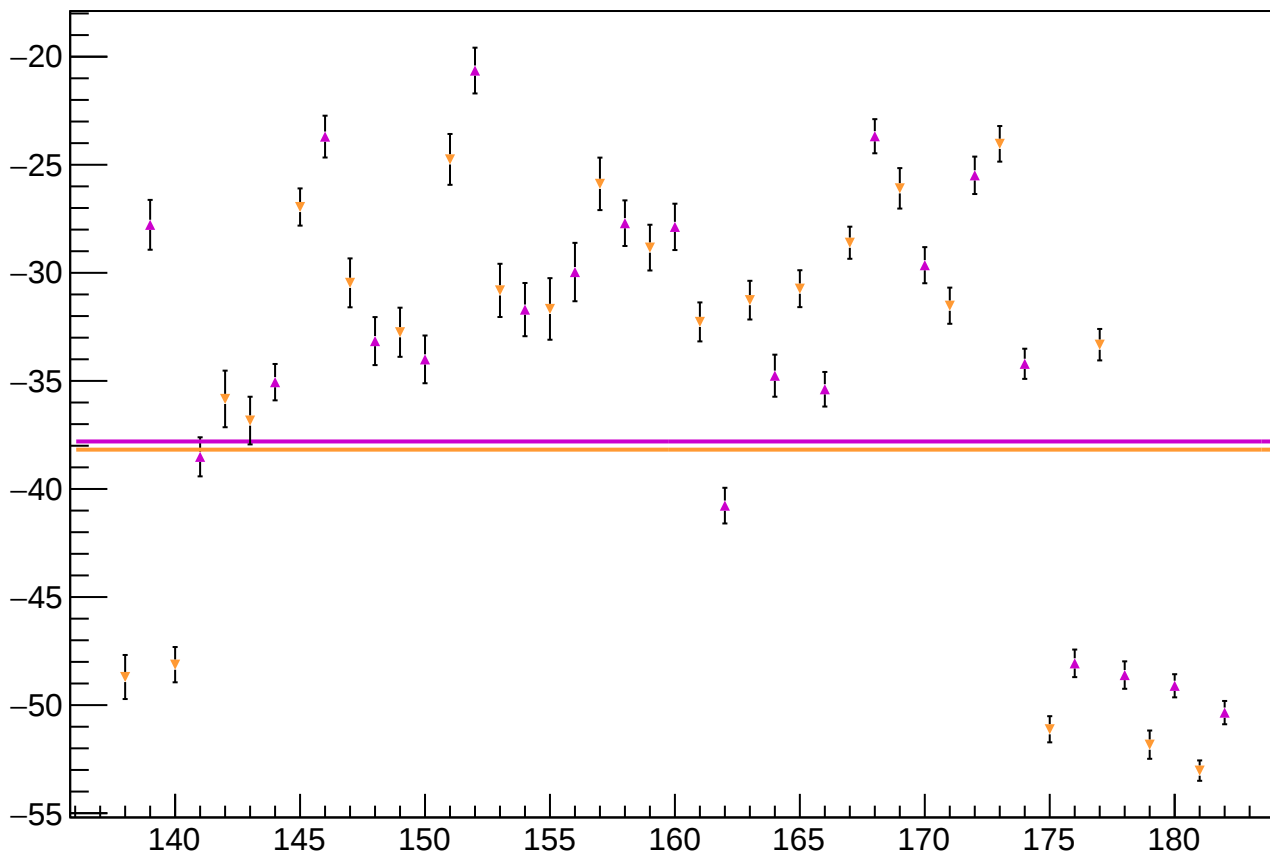
Left In: -0.107 ± 0.002 χ^2/NDF : 321.6/21

+ sign -0.095 ± 0.002 χ^2/NDF : 2197.6/39

All: -0.093 ± 0.002 χ^2/NDF : 6200.2/80

- sign -0.090 ± 0.002 χ^2/NDF : 4000.3/40

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: -38.180+/-0.179 χ^2/NDF : 3665.9/22

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

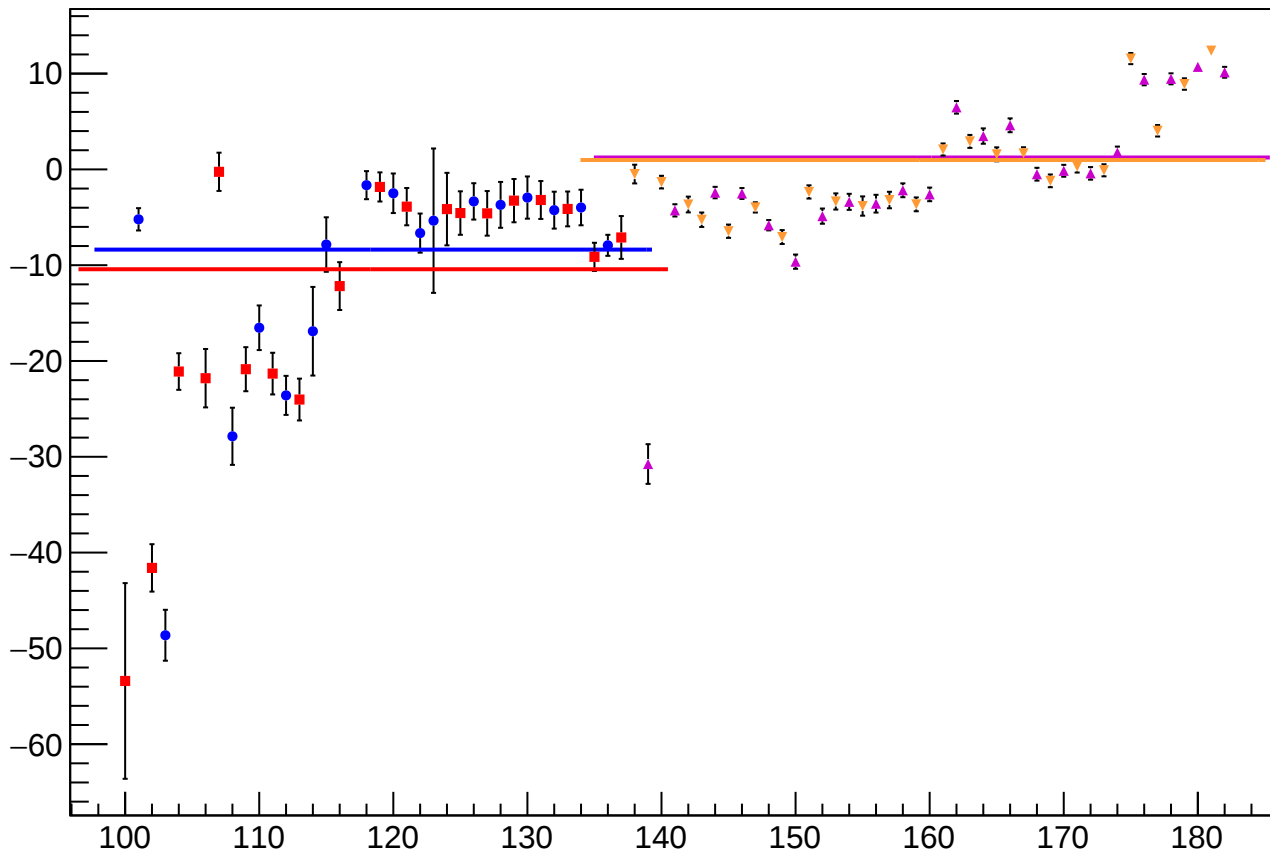
Left In: -37.802+/-0.176 χ^2/NDF : 3037.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.988+/-0.125 χ^2/NDF : 6705.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.373 ± 0.467 χ^2/NDF : 408.5/16

Left Out: 0.978 ± 0.141 χ^2/NDF : 1615.2/22

Right Out: -10.423 ± 0.492 χ^2/NDF : 429.8/18

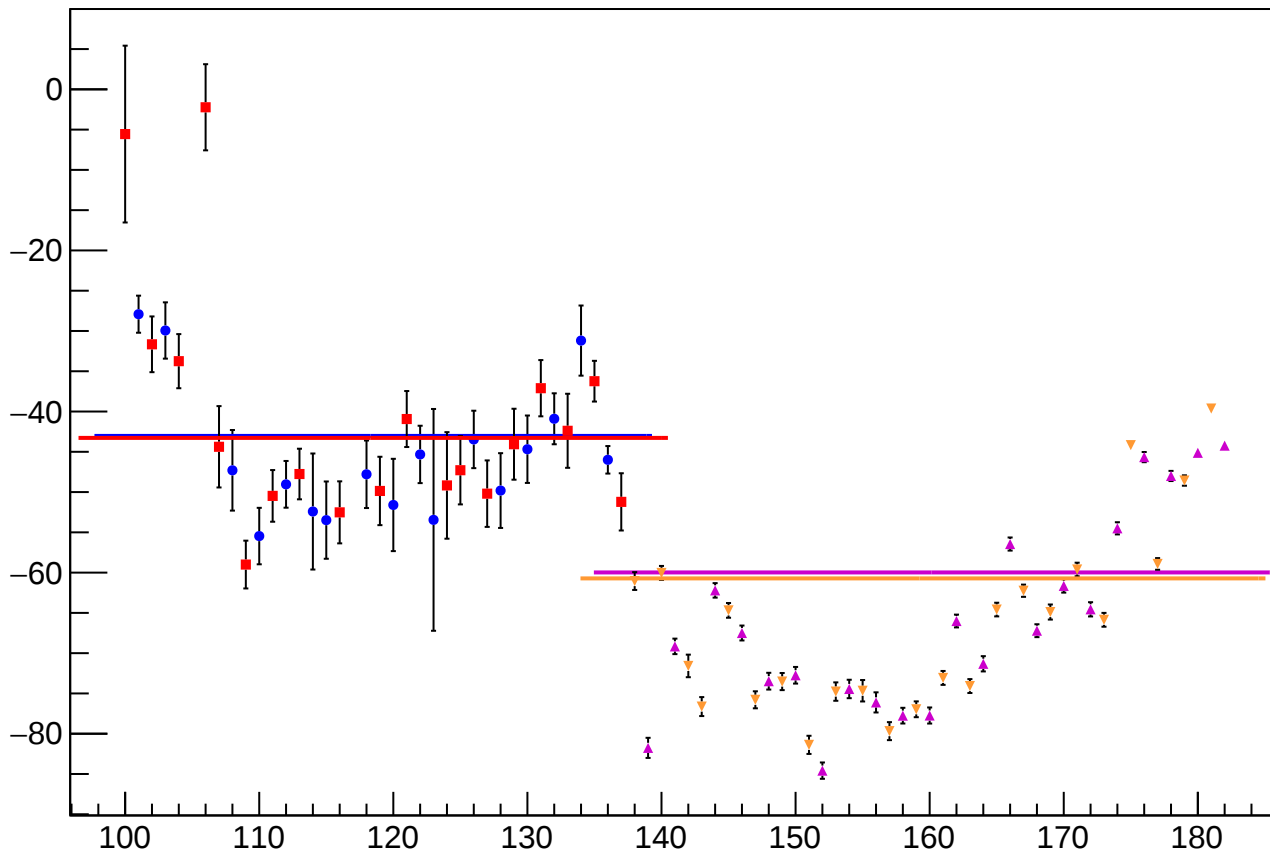
Left In: 1.242 ± 0.141 χ^2/NDF : 2029.4/21

+ sign 0.194 ± 0.135 χ^2/NDF : 2391.7/39

All: 0.273 ± 0.096 χ^2/NDF : 5371.6/80

- sign 0.353 ± 0.136 χ^2/NDF : 2979.2/40

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.028 ± 0.838 $\chi^2/\text{NDF}: 98.9/16$

Left Out: -60.718 ± 0.179 $\chi^2/\text{NDF}: 5258.5/22$

Right Out: -43.274 ± 0.868 $\chi^2/\text{NDF}: 154.3/18$

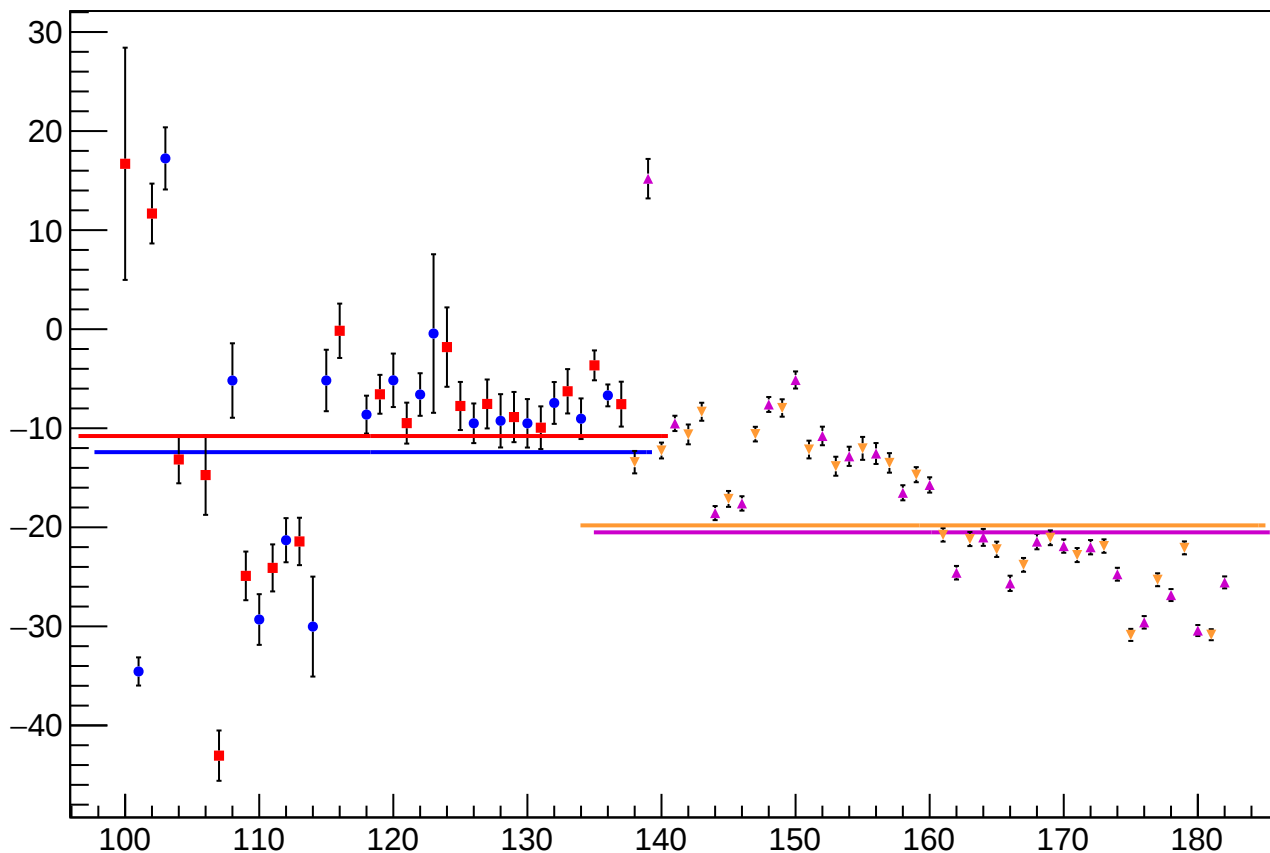
Left In: -59.977 ± 0.176 $\chi^2/\text{NDF}: 5181.9/21$

+ sign -59.947 ± 0.175 $\chi^2/\text{NDF}: 5783.1/39$

All: -59.628 ± 0.123 $\chi^2/\text{NDF}: 11481.4/80$

- sign -59.320 ± 0.172 $\chi^2/\text{NDF}: 5691.7/40$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.412 $\pm$ 0.524 χ^2/NDF : 473.5/16

Left Out: -19.805 $\pm$ 0.159 χ^2/NDF :1838.1/22

Right Out: -10.786 $\pm$ 0.555 χ^2/NDF : 365.9/18

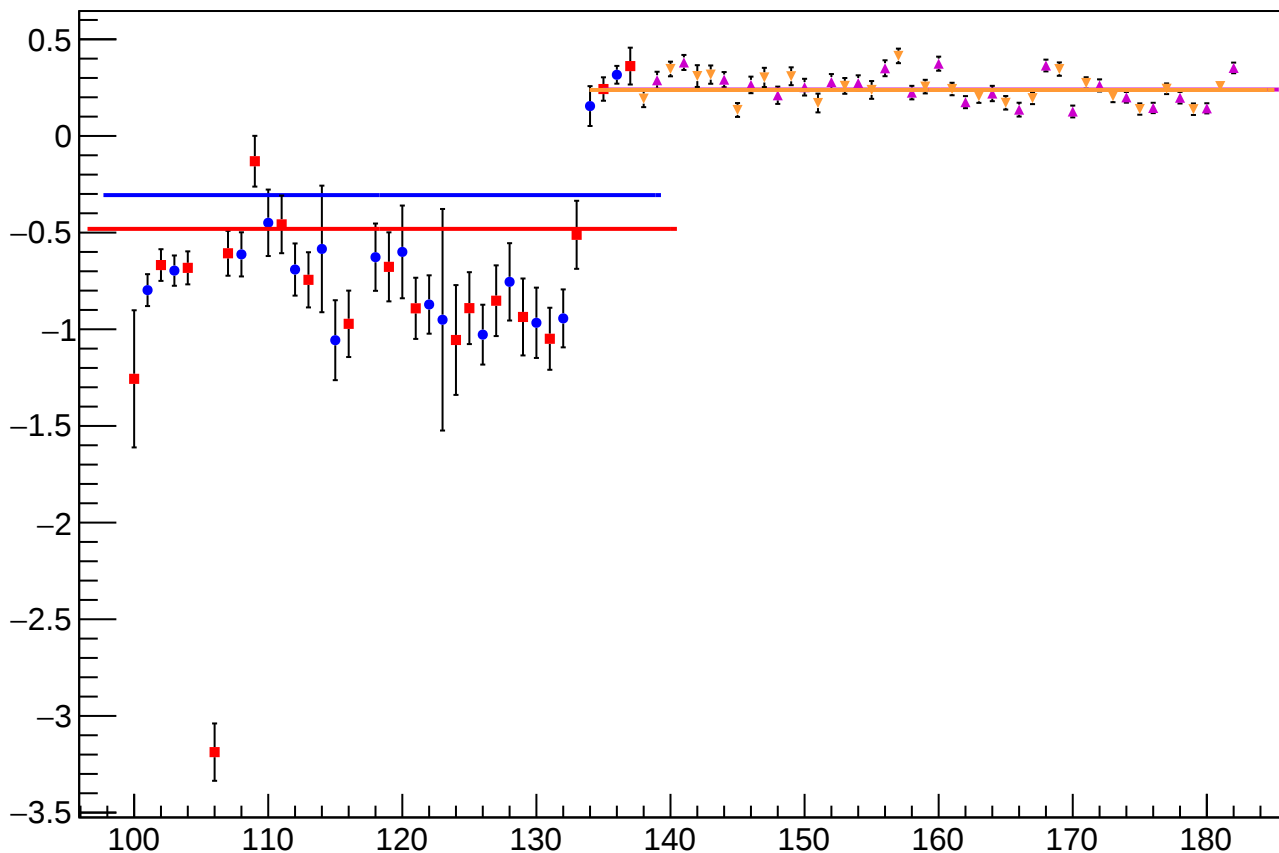
Left In: -20.509 $\pm$ 0.158 χ^2/NDF :2284.3/21

+ sign -19.180 $\pm$ 0.152 χ^2/NDF : 2494.0/39

All: -19.478 $\pm$ 0.108 χ^2/NDF : 5436.0/80

- sign -19.775 $\pm$ 0.152 χ^2/NDF : 2934.4/40

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: 0.238 ± 0.007 χ^2/NDF : 92.2/22

Right Out: -0.481 ± 0.029 χ^2/NDF : 627.8/18

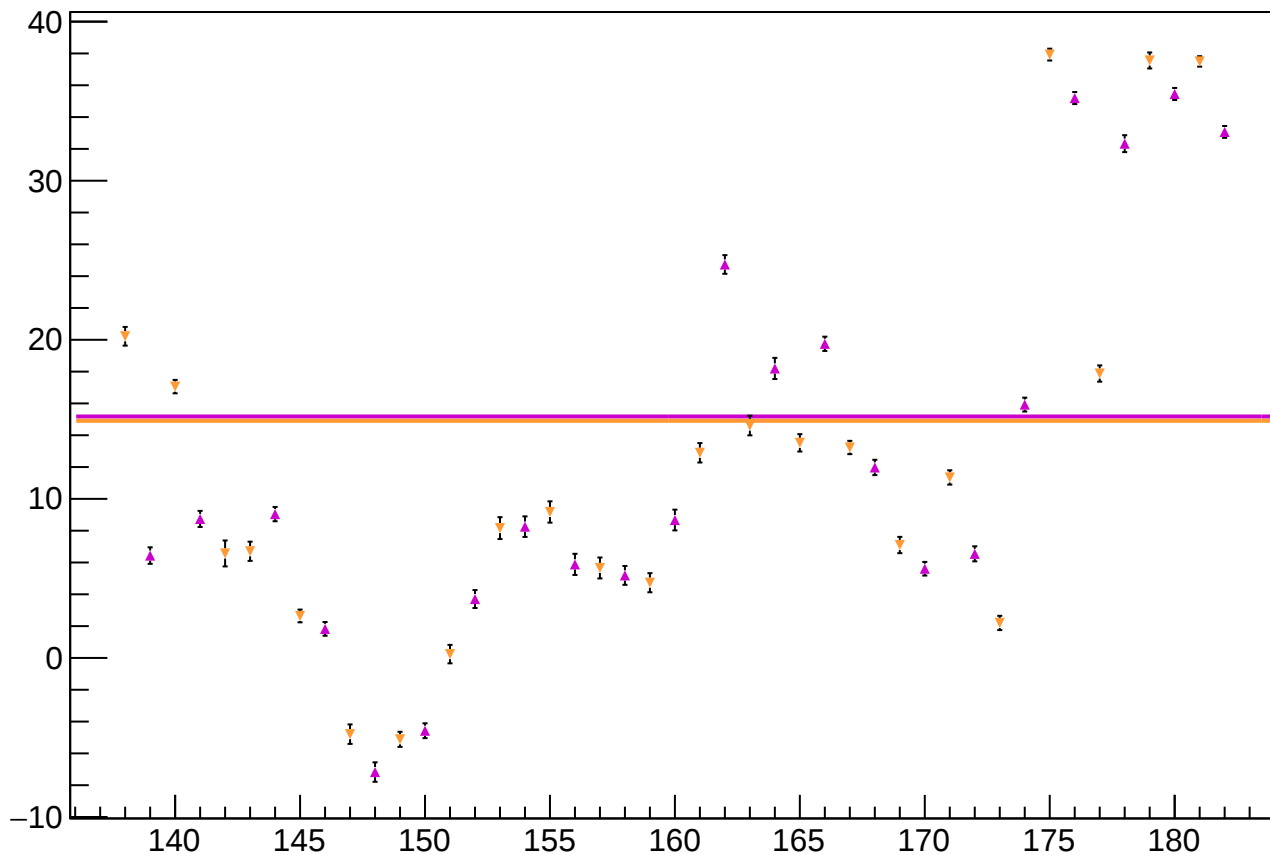
Left In: 0.240 ± 0.007 χ^2/NDF : 130.3/21

+ sign 0.202 ± 0.007 χ^2/NDF : 826.5/39

All: 0.199 ± 0.005 χ^2/NDF : 2180.6/80

- sign 0.196 ± 0.007 χ^2/NDF : 1353.8/40

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.907 $\pm$ 0.105 χ^2 /NDF:17200.9/22

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

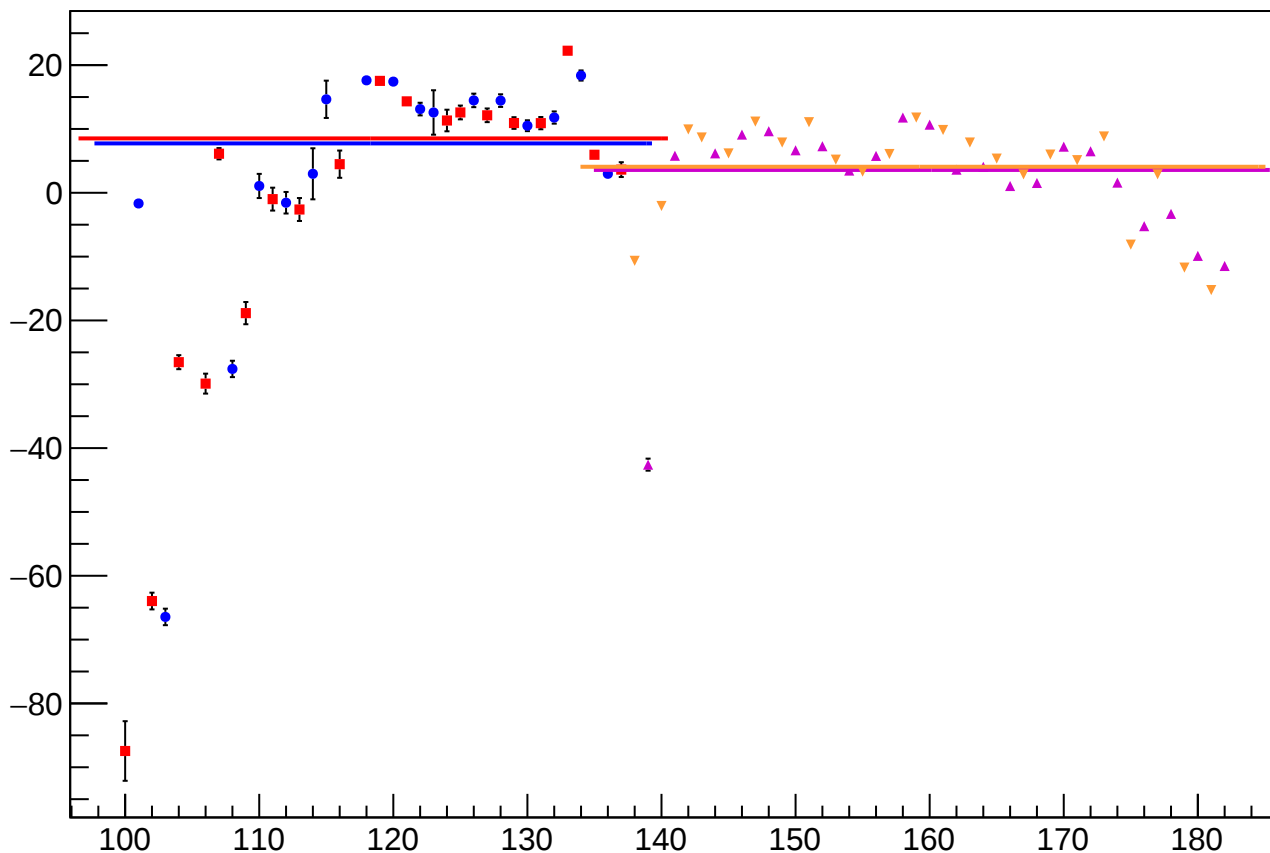
Left In: 15.178 $\pm$ 0.104 χ^2 /NDF:16112.4/21

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

All: 15.044 $\pm$ 0.074 χ^2 /NDF: 33316.6/44

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

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.218 $\chi^2/\text{NDF}: 5301.4/16$

Left Out: 4.077 ± 0.081 $\chi^2/\text{NDF}: 8393.9/22$

Right Out: 8.518 ± 0.214 $\chi^2/\text{NDF}: 6720.6/18$

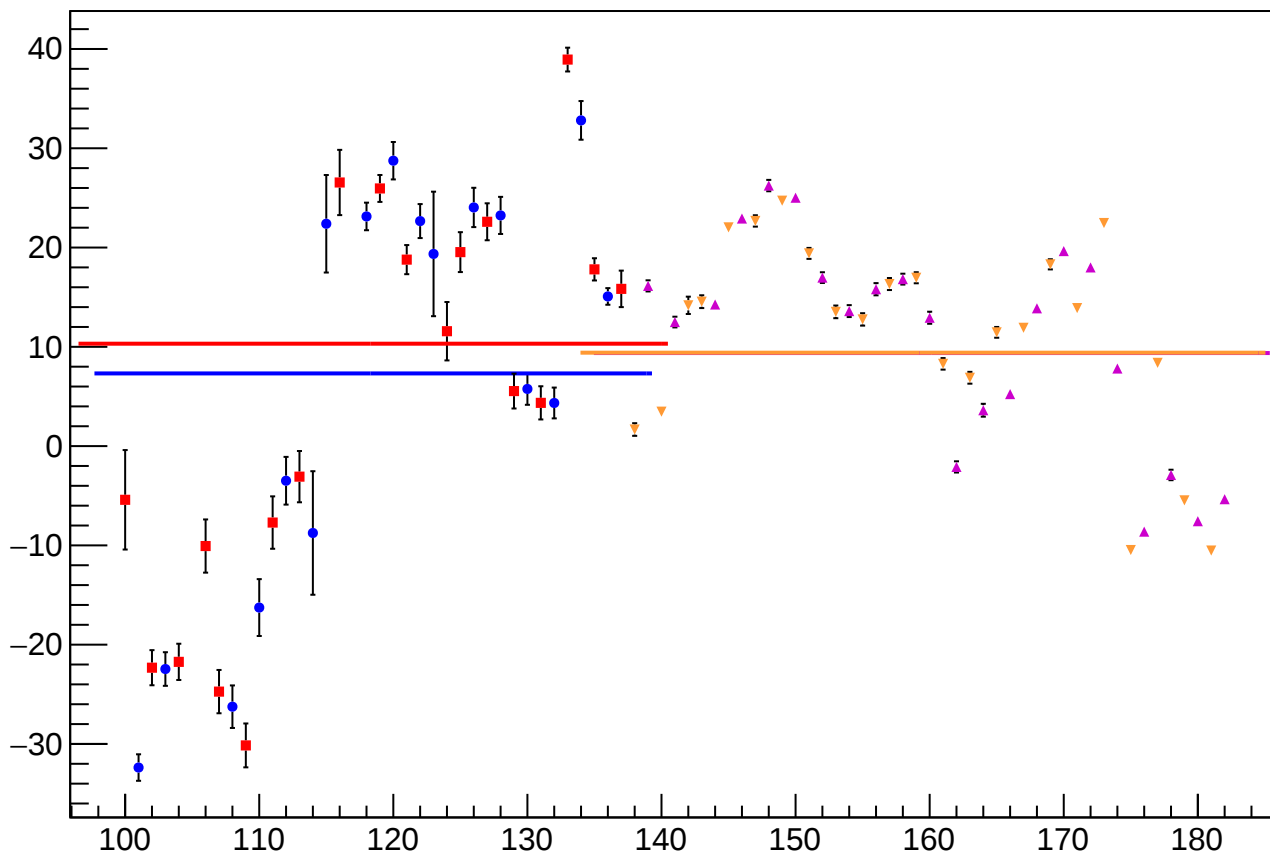
Left In: 3.579 ± 0.082 $\chi^2/\text{NDF}: 8068.9/21$

+ sign 4.520 ± 0.076 $\chi^2/\text{NDF}: 13942.2/39$

All: 4.367 ± 0.054 $\chi^2/\text{NDF}: 29206.4/80$

- sign 4.211 ± 0.076 $\chi^2/\text{NDF}: 15256.0/40$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.321 $\pm$ 0.419 χ^2 /NDF: 2291.7/16

Left Out: 9.410 $\pm$ 0.105 χ^2 /NDF:12166.9/22

Right Out: 10.315 $\pm$ 0.418 χ^2 /NDF: 2282.9/18

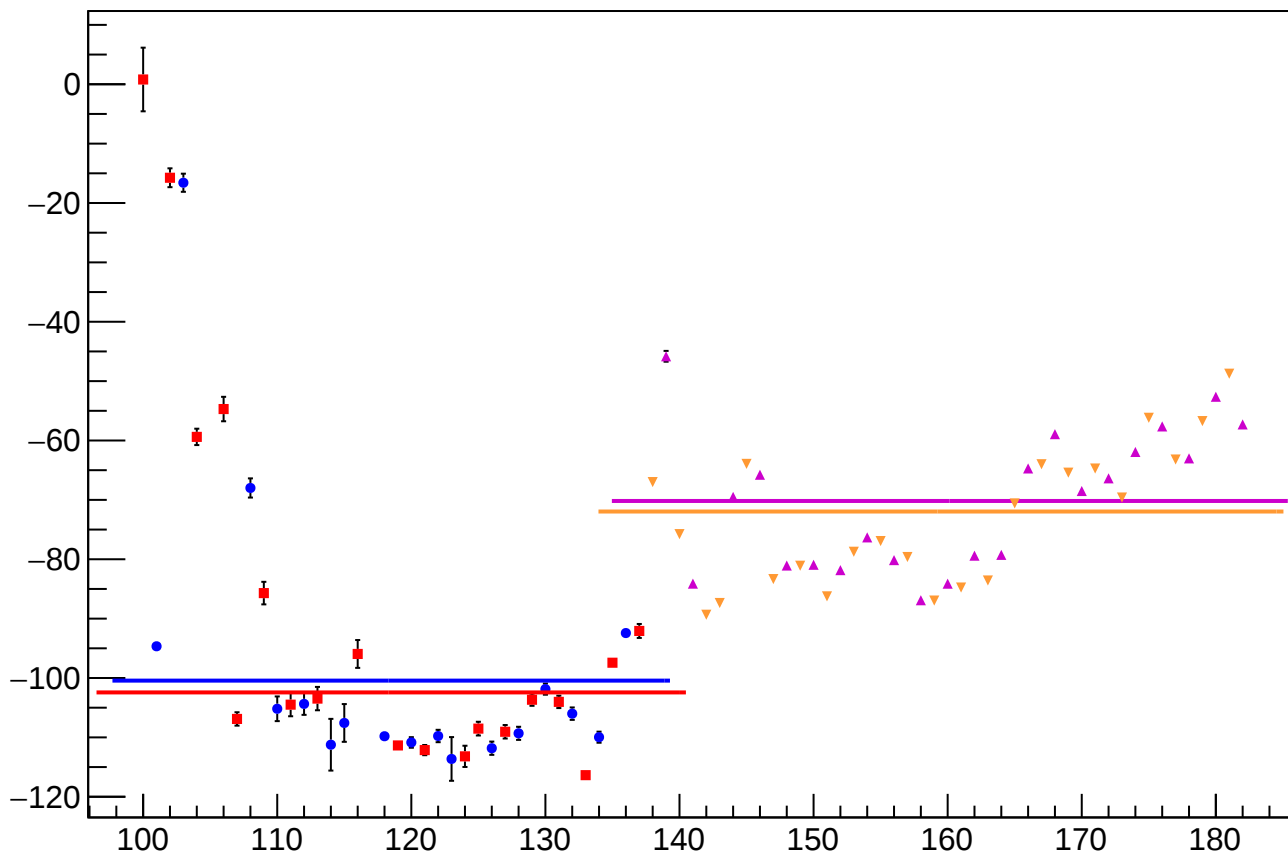
Left In: 9.373 $\pm$ 0.104 χ^2 /NDF:11959.6/21

+ sign 9.287 $\pm$ 0.102 χ^2 /NDF: 14481.9/39

All: 9.358 $\pm$ 0.072 χ^2 /NDF: 28730.2/80

- sign 9.428 $\pm$ 0.101 χ^2 /NDF: 14247.3/40

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.441 ± 0.251 χ^2/NDF : 4458.9/16

Left Out: -71.961 ± 0.092 χ^2/NDF : 15452.8/22

Right Out: -102.428 ± 0.247 χ^2/NDF : 6094.9/18

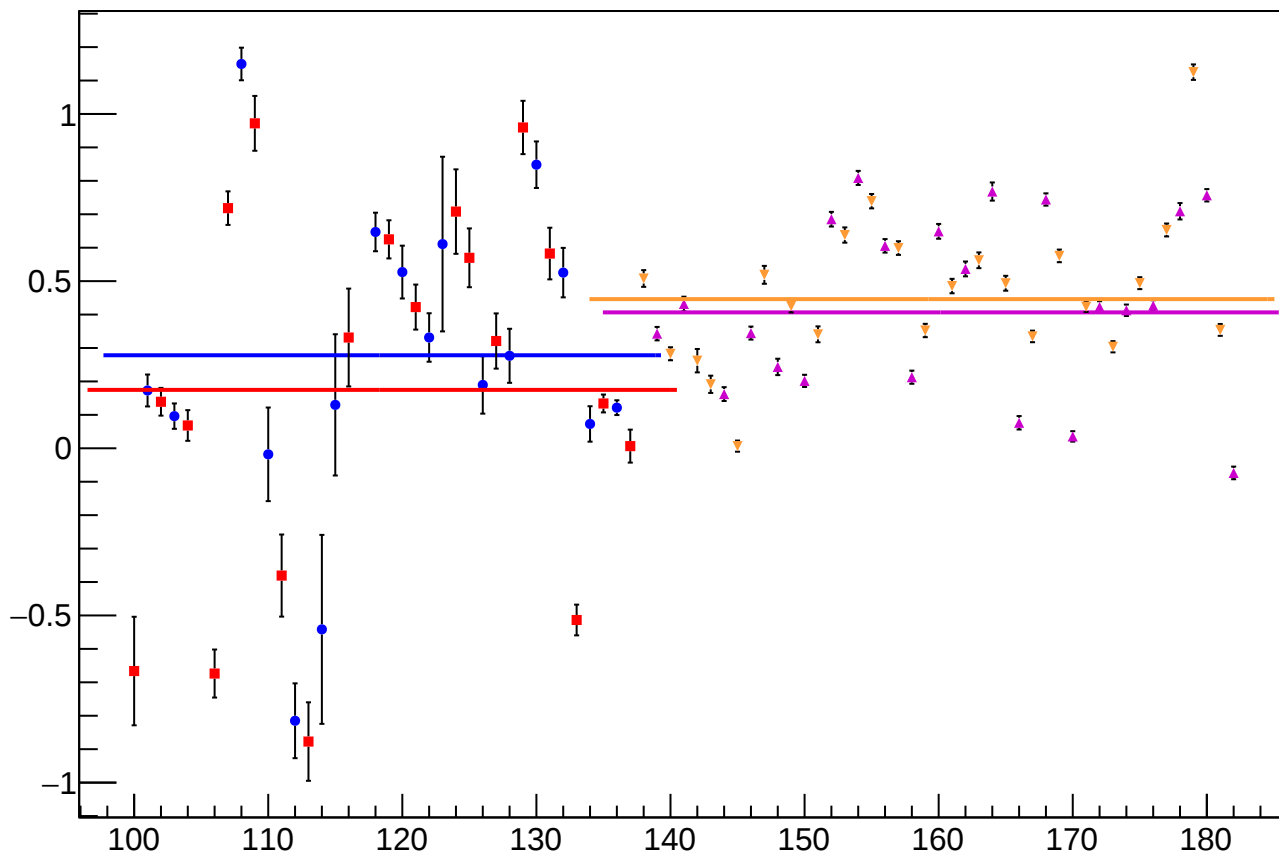
Left In: -70.183 ± 0.092 χ^2/NDF : 12952.9/21

+ sign -75.346 ± 0.087 χ^2/NDF : 31252.3/39

All: -74.752 ± 0.061 χ^2/NDF : 65376.0/80

- sign -74.157 ± 0.087 χ^2/NDF : 34029.5/40

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.278 $\pm$ 0.014 χ^2 /NDF: 653.5/16

Left Out: 0.446 $\pm$ 0.004 χ^2 /NDF:2461.5/22

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.1/18

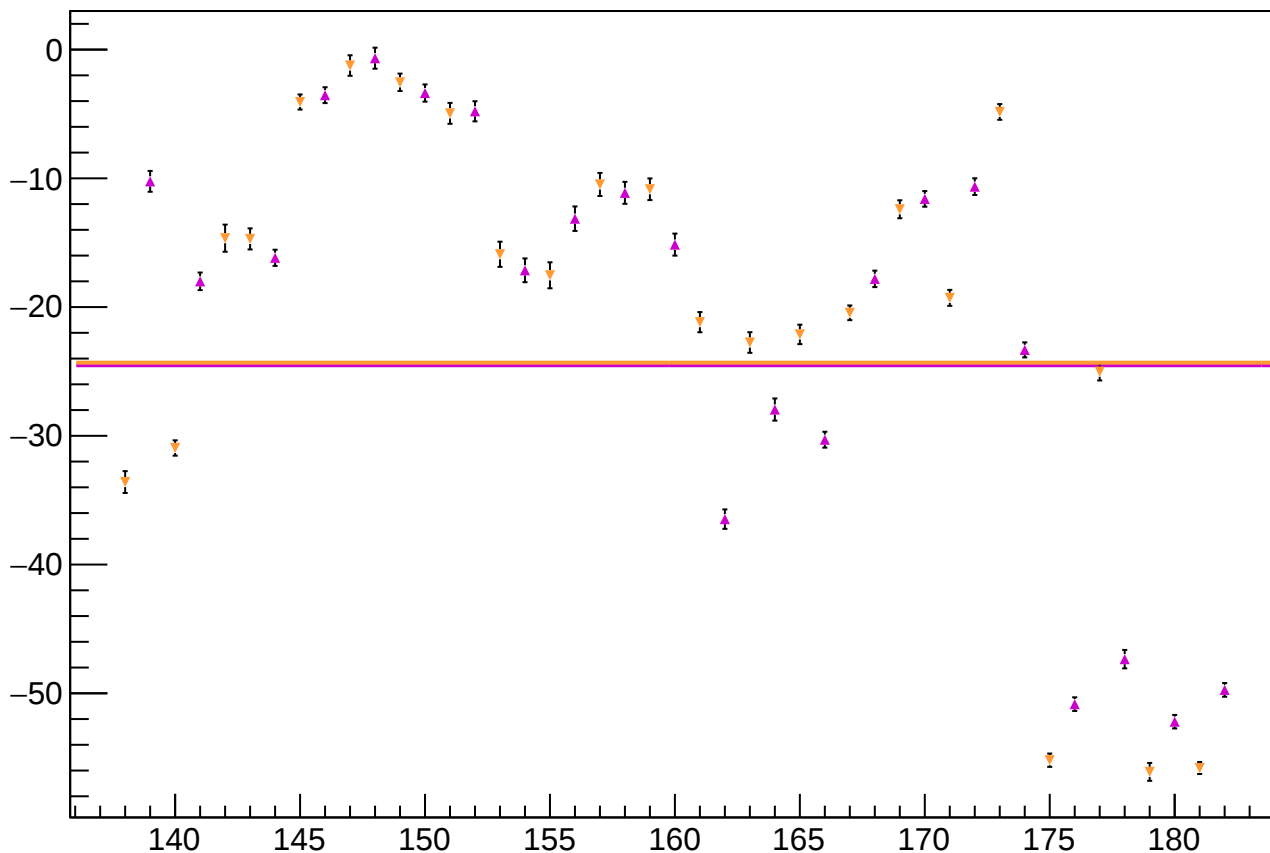
Left In: 0.407 $\pm$ 0.004 χ^2 /NDF:3707.8/21

+ sign 0.431 $\pm$ 0.004 χ^2 /NDF: 3255.3/39

All: 0.408 $\pm$ 0.003 χ^2 /NDF: 8260.8/80

- sign 0.386 $\pm$ 0.004 χ^2 /NDF: 4943.0/40

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -24.317+/-0.145 χ^2/NDF :16396.6/22

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

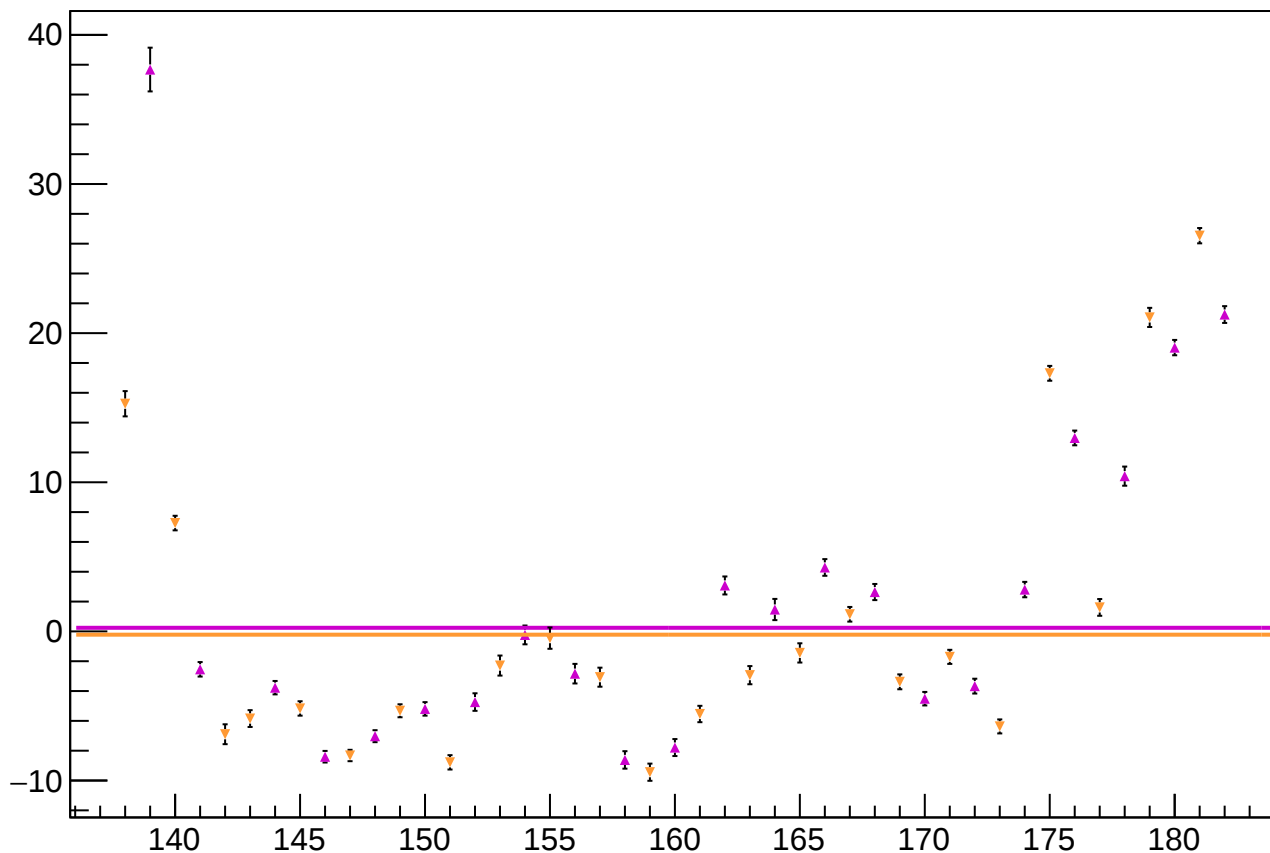
Left In: -24.517+/-0.144 χ^2/NDF :14658.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.418+/-0.102 χ^2/NDF : 31055.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -0.220 $\pm$ 0.112 χ^2 /NDF:7475.7/22

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

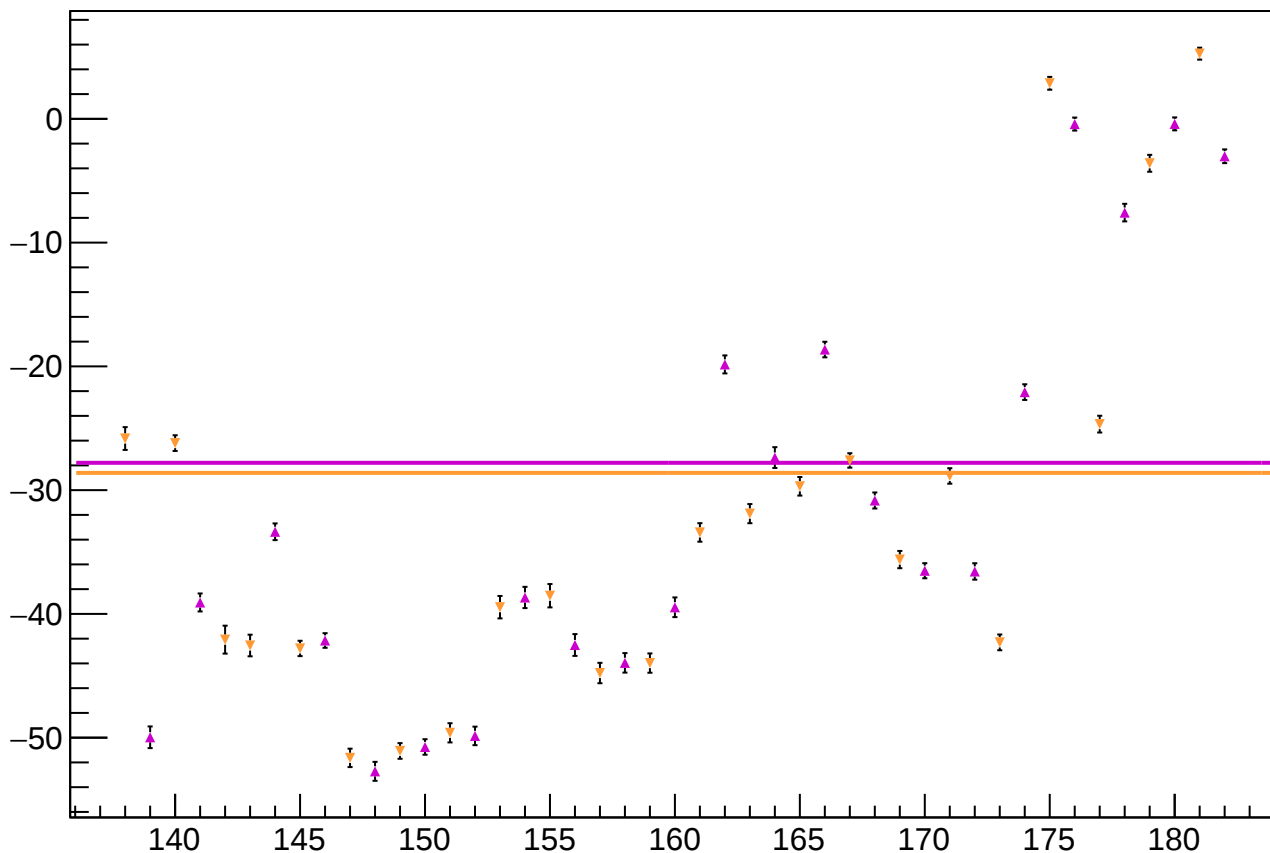
Left In: 0.242 $\pm$ 0.113 χ^2 /NDF:6185.7/21

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

All: 0.008 $\pm$ 0.079 χ^2 /NDF: 13669.8/44

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

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -28.605+/-0.145 χ^2/NDF :15521.6/22

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

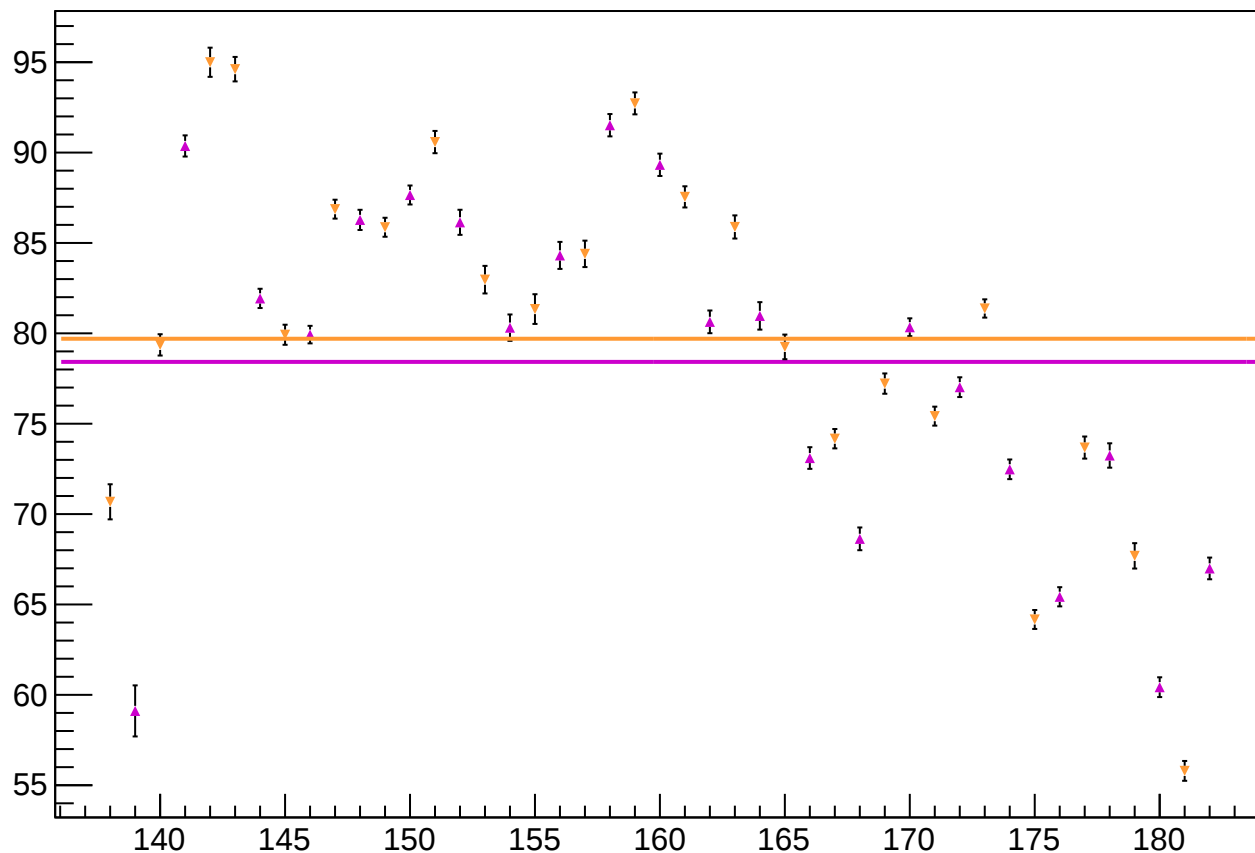
Left In: -27.791+/-0.144 χ^2/NDF :14964.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.194+/-0.102 χ^2/NDF : 30502.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 79.701+/-0.127 χ^2/NDF :5734.8/22

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

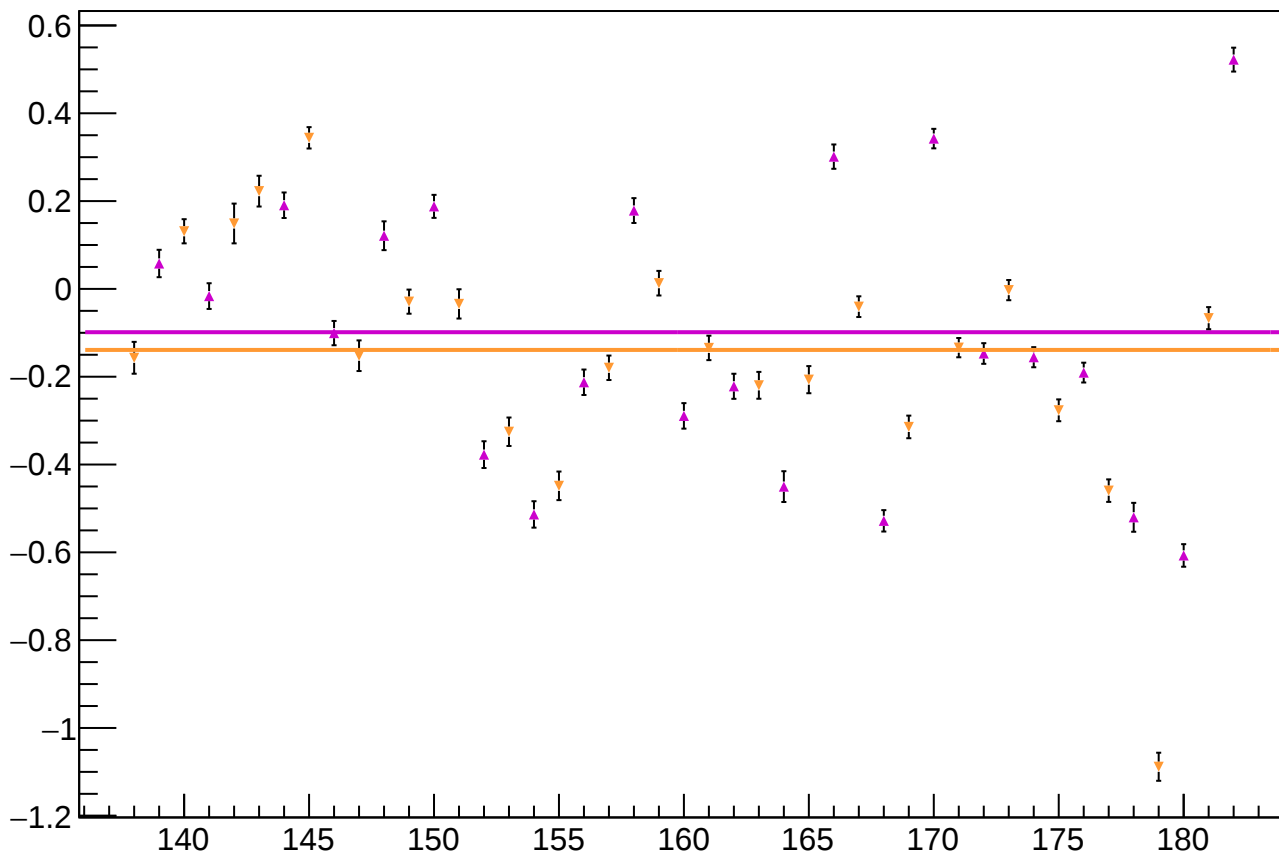
Left In: 78.420+/-0.128 χ^2/NDF :4705.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.064+/-0.090 χ^2/NDF : 10490.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

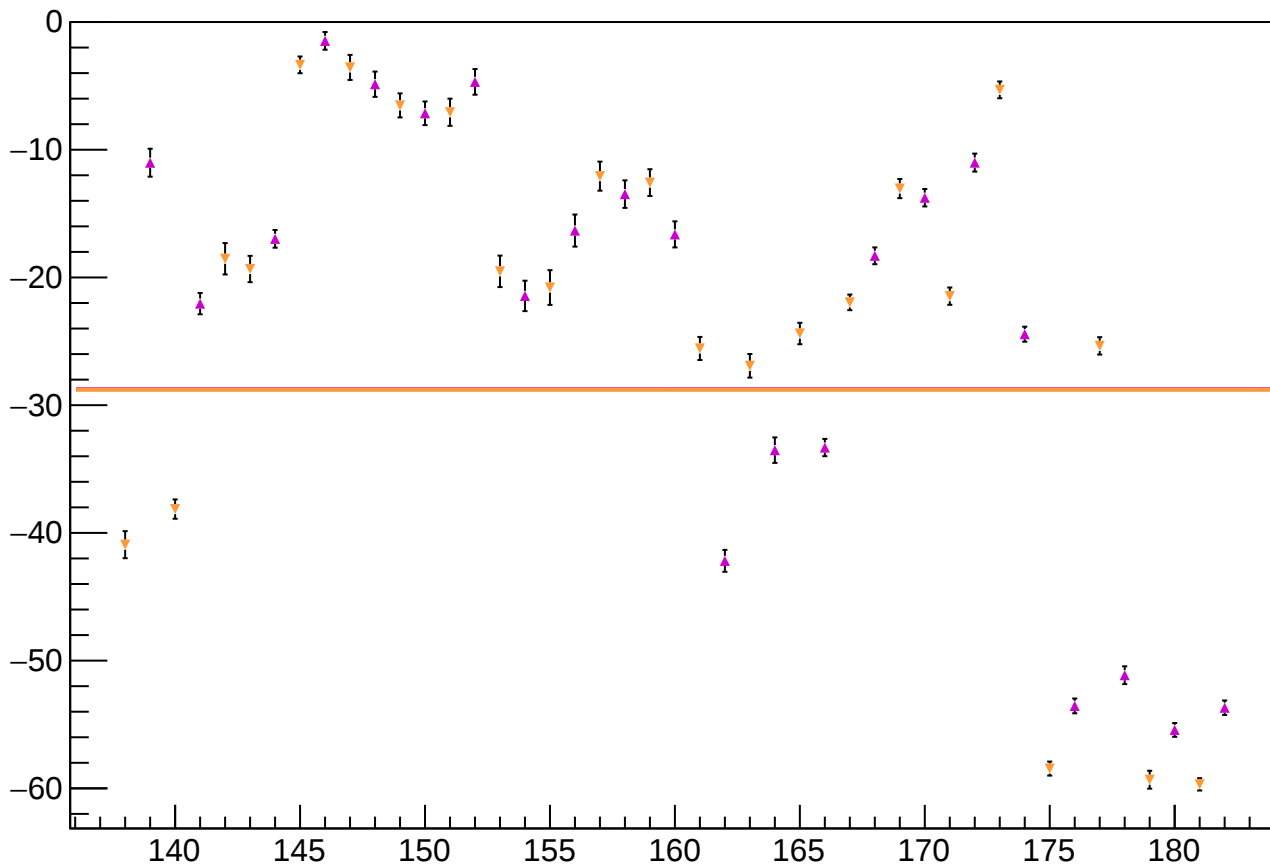
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.139 $\pm$ 0.006 χ^2 /NDF: 2005.8/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.099 $\pm$ 0.006 χ^2 /NDF: 2859.7/21

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.119 $\pm$ 0.004 χ^2 /NDF: 4889.3/44
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -28.783+/-0.164 χ^2/NDF :15057.6/22

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

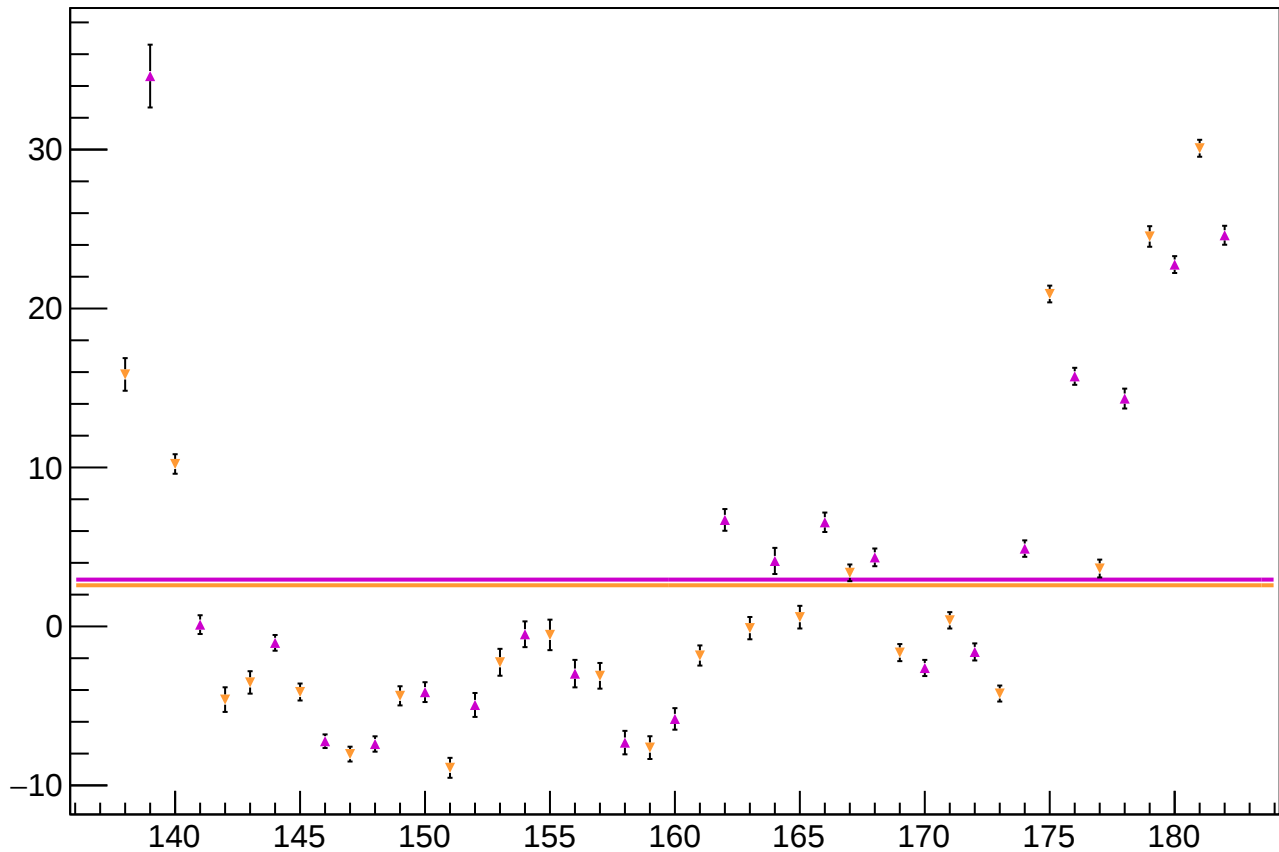
Left In: -28.751+/-0.162 χ^2/NDF :13310.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.767+/-0.115 χ^2/NDF : 28368.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 2.589 $\pm$ 0.128 χ^2 /NDF:7278.9/22

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

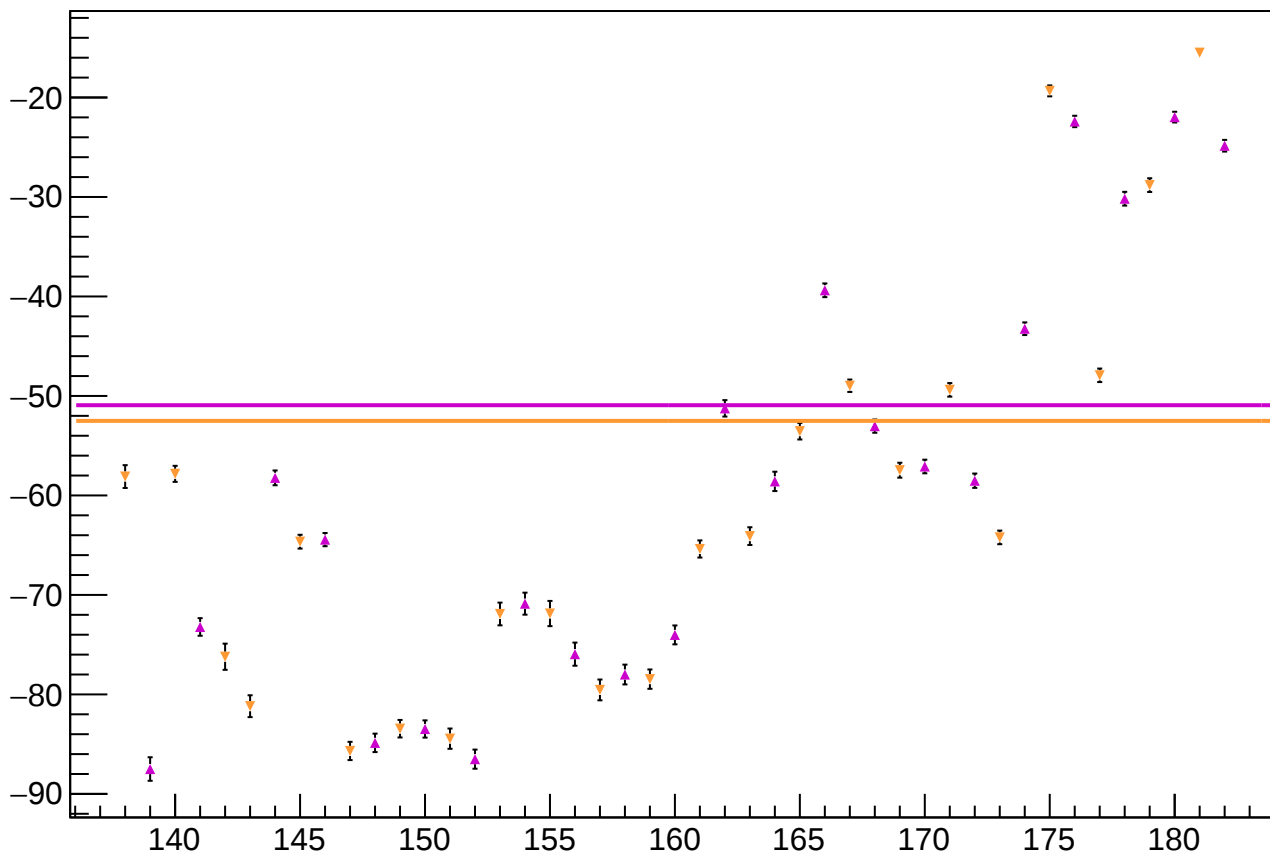
Left In: 2.946 $\pm$ 0.128 χ^2 /NDF:5926.3/21

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

All: 2.768 $\pm$ 0.091 χ^2 /NDF: 13209.1/44

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

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -52.506+/-0.165 χ^2/NDF :17871.3/22

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

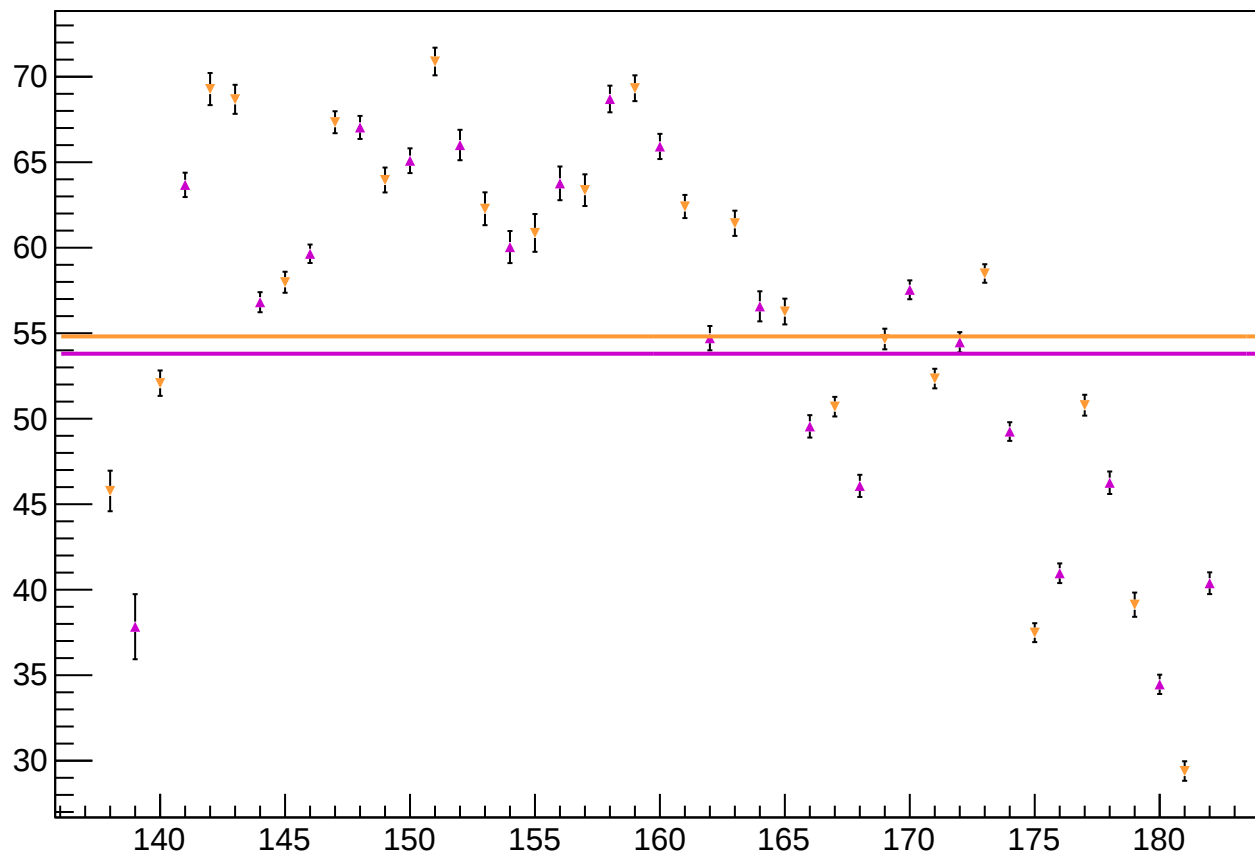
Left In: -50.931+/-0.162 χ^2/NDF :17258.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.704+/-0.115 χ^2/NDF : 35176.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 54.813 $\pm$ 0.145 χ^2 /NDF:5903.0/22

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

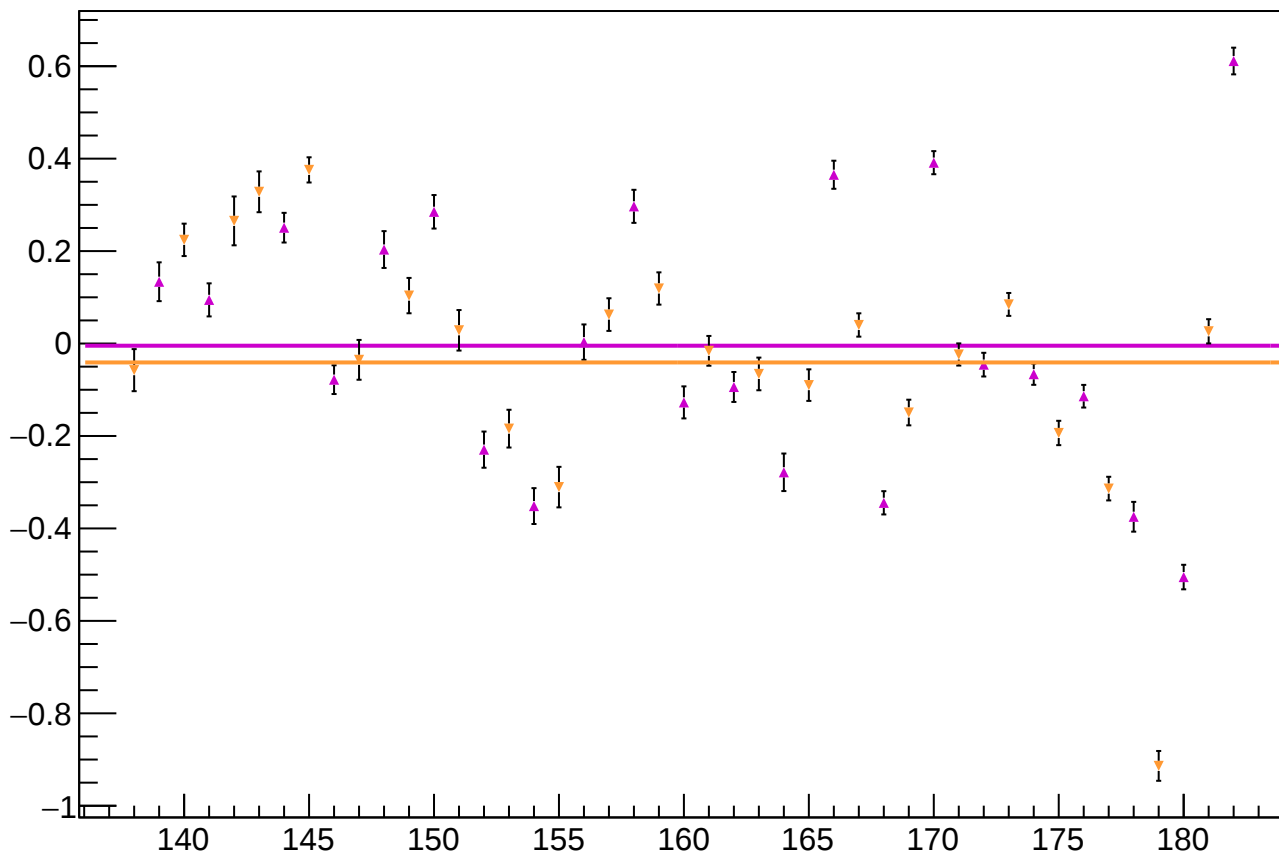
Left In: 53.802 $\pm$ 0.144 χ^2 /NDF:4567.7/21

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

All: 54.304 $\pm$ 0.102 χ^2 /NDF: 10495.2/44

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

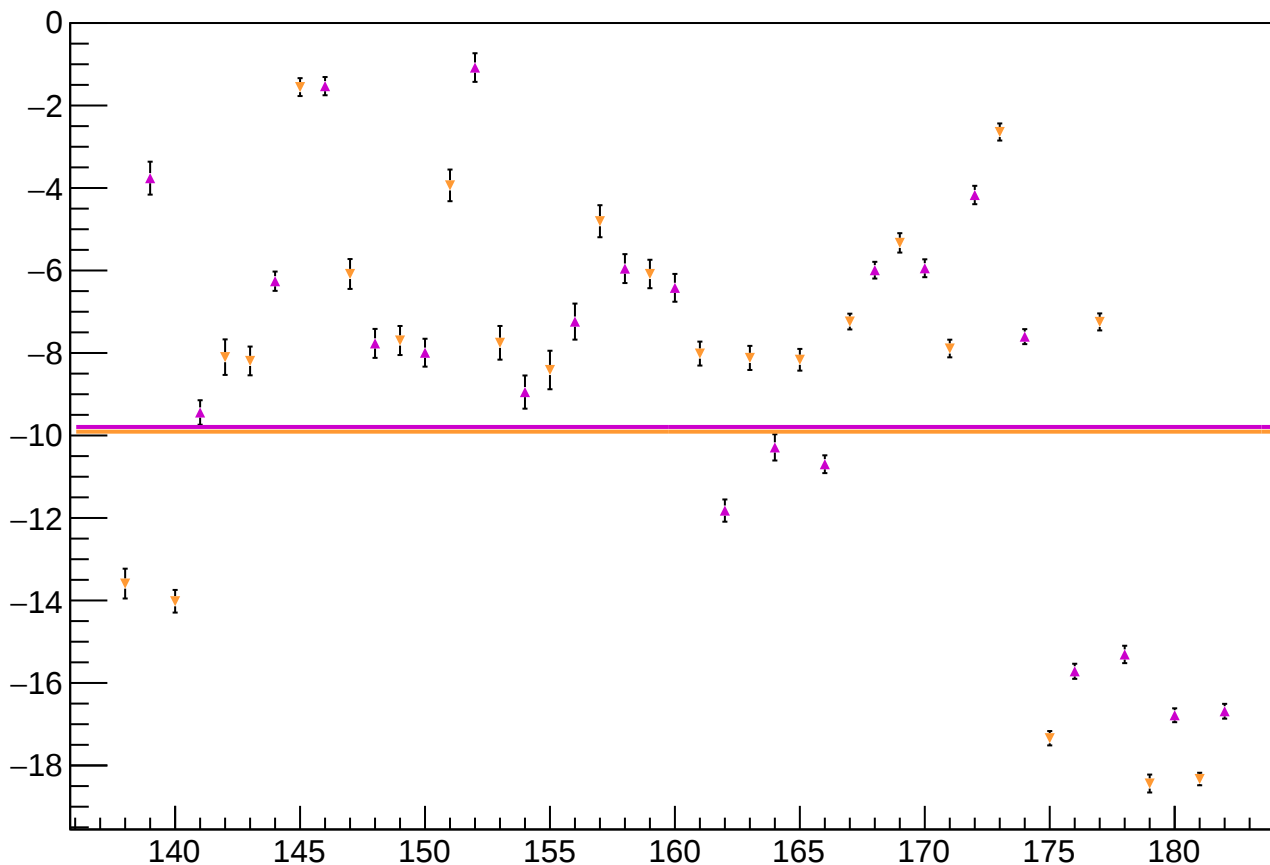
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.041 $\pm$ 0.007 χ^2 /NDF:1432.0/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.005 $\pm$ 0.007 χ^2 /NDF:1982.3/21

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.023 $\pm$ 0.005 χ^2 /NDF: 3429.0/44
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

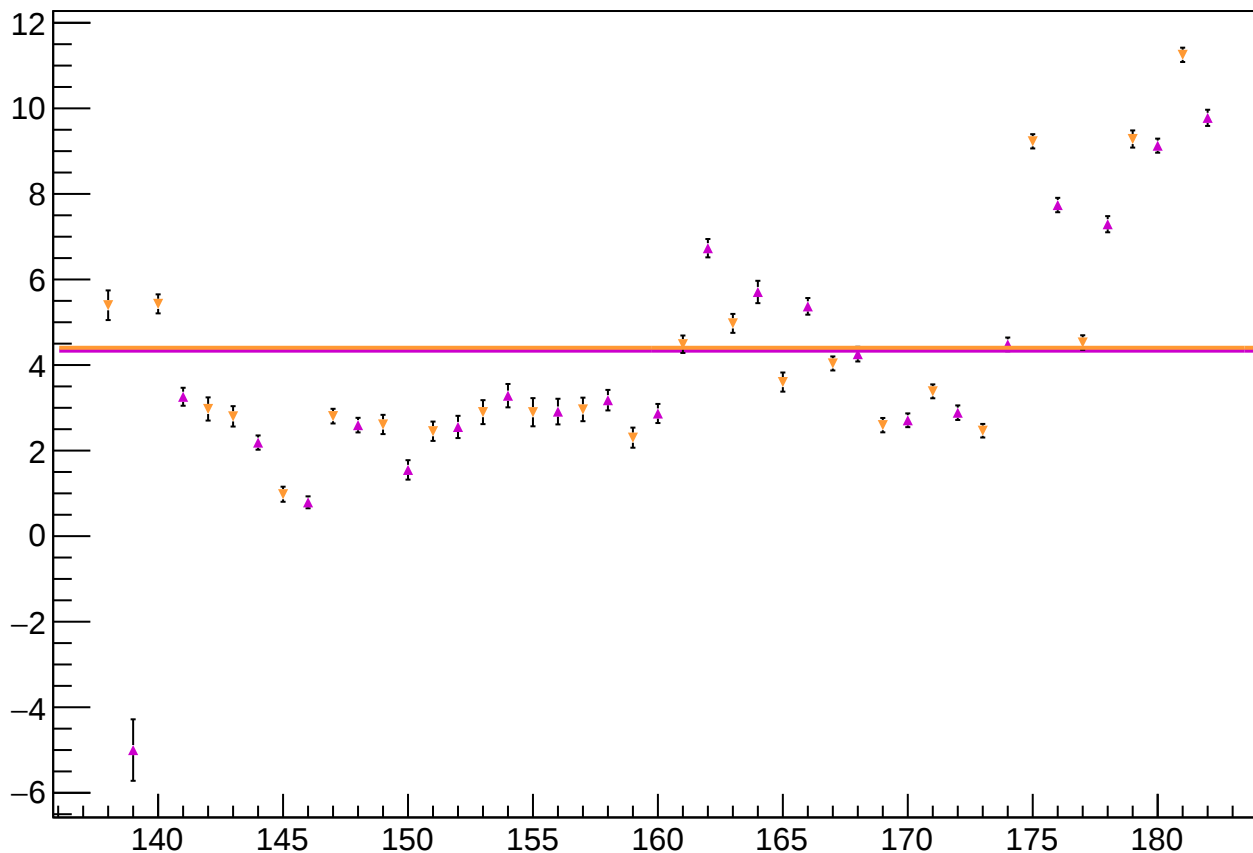
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.907+/-0.053 χ^2/NDF :11198.4/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.793+/-0.052 χ^2/NDF :9263.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.849+/-0.037 χ^2/NDF : 20464.3/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

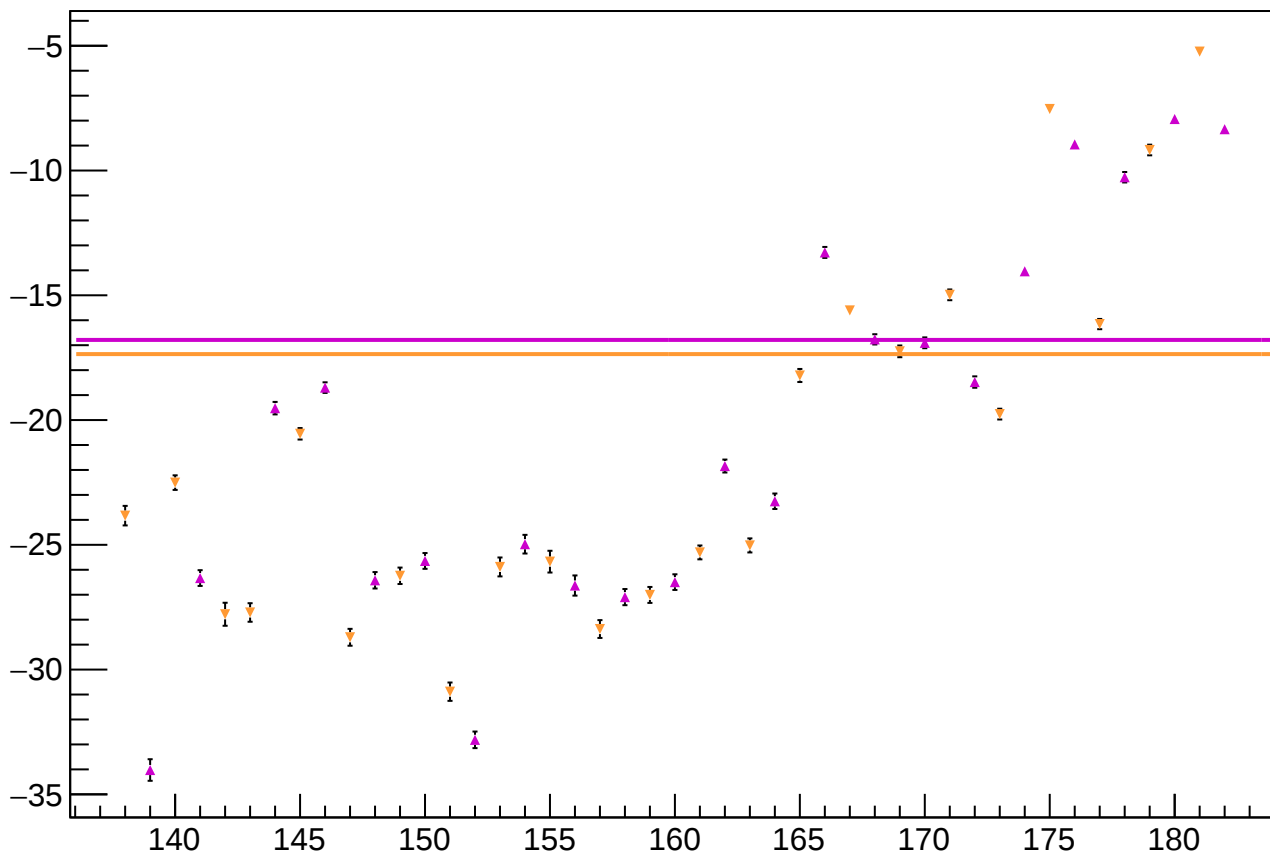
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.404+/-0.042 χ^2/NDF :4291.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.336+/-0.042 χ^2/NDF :4097.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.370+/-0.030 χ^2/NDF : 8389.6/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -17.357+/-0.053 χ^2/NDF : 20460.6/22

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

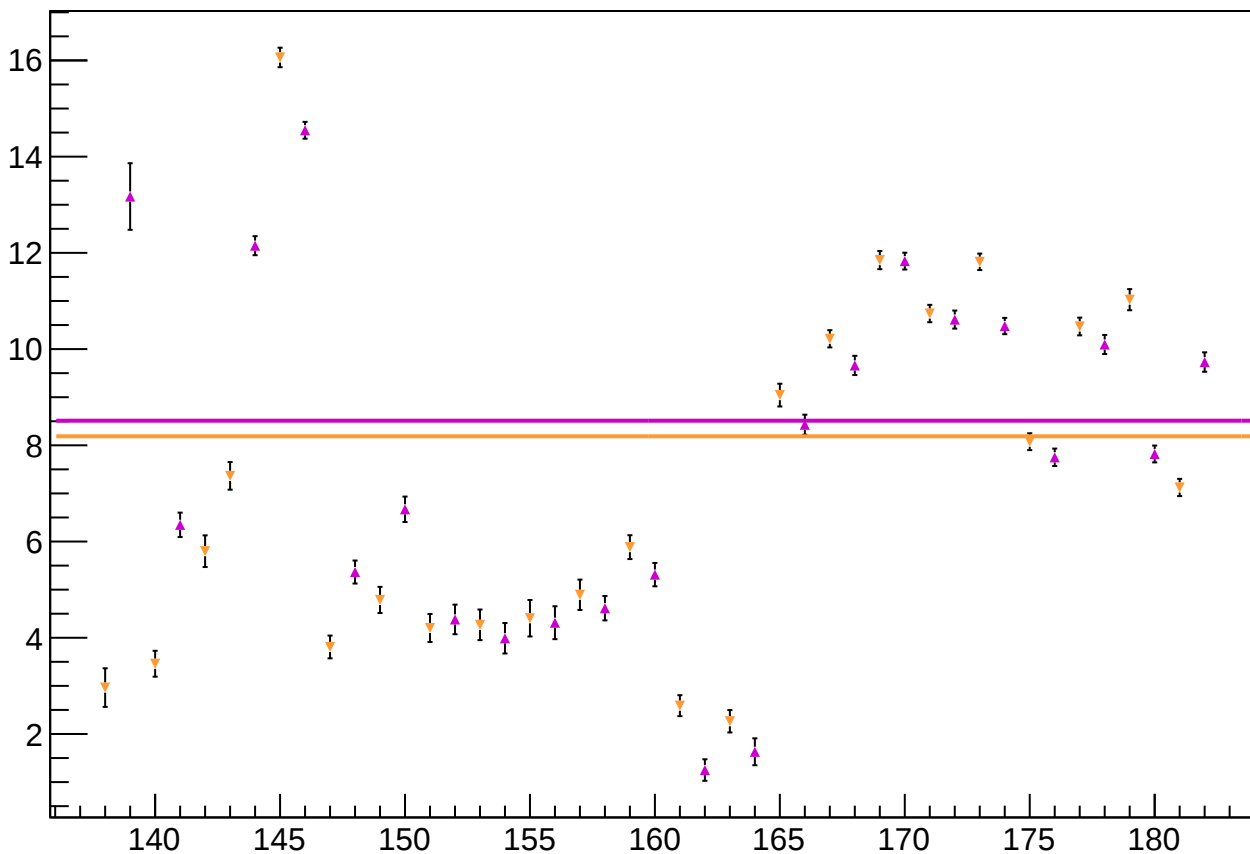
Left In: -16.788+/-0.052 χ^2/NDF : 18722.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.065+/-0.037 χ^2/NDF : 39241.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

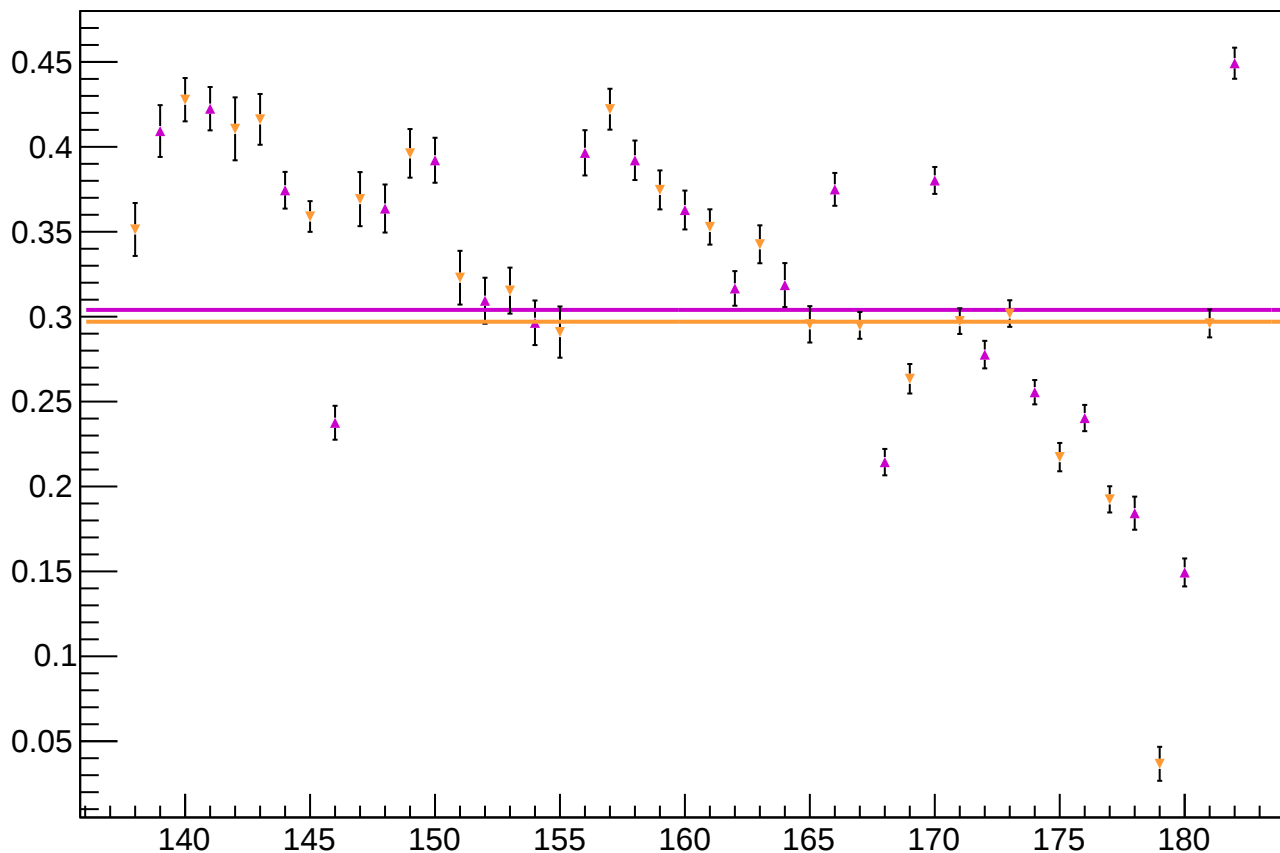
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.188+/-0.047 χ^2/NDF :6001.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.512+/-0.047 χ^2/NDF :5262.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.352+/-0.033 χ^2/NDF : 11288.5/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

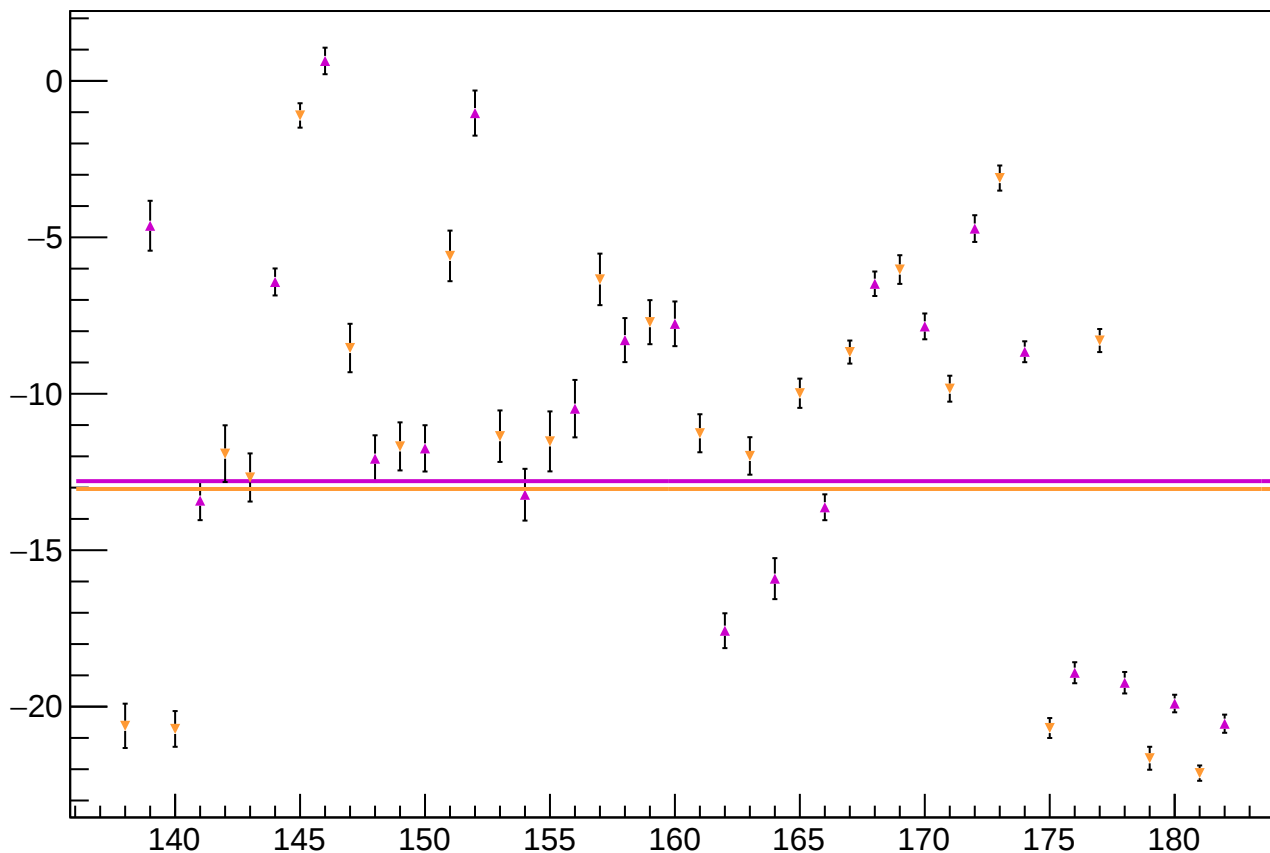
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.297 $\pm$ 0.002 χ^2/NDF :1505.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.304 $\pm$ 0.002 χ^2/NDF :1576.4/21

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.301 $\pm$ 0.002 χ^2/NDF : 3086.7/44
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.043+/-0.100 χ^2/NDF : 5251.8/22

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

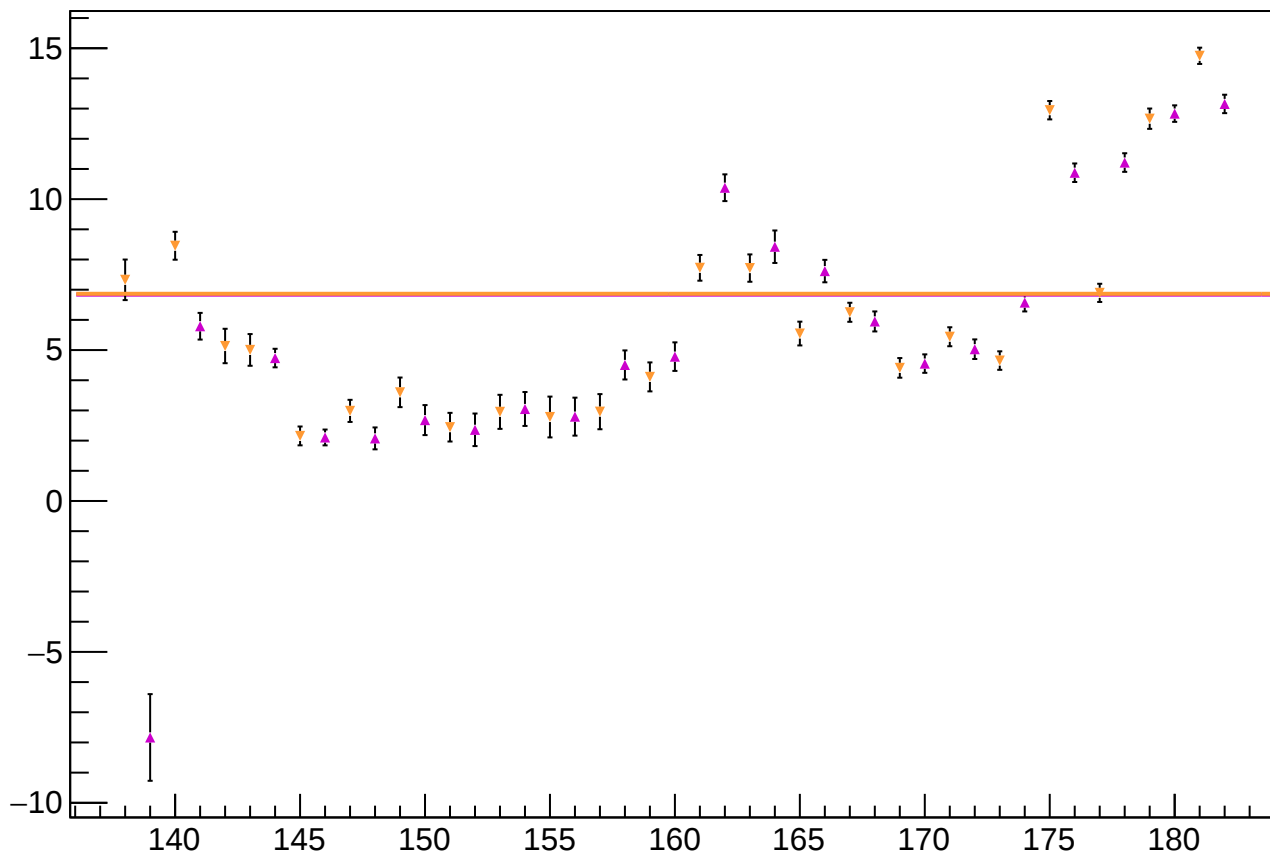
Left In: -12.793+/-0.097 χ^2/NDF : 4744.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.914+/-0.069 χ^2/NDF : 9999.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 6.865 $\pm$ 0.081 χ^2 /NDF: 2370.9/22

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

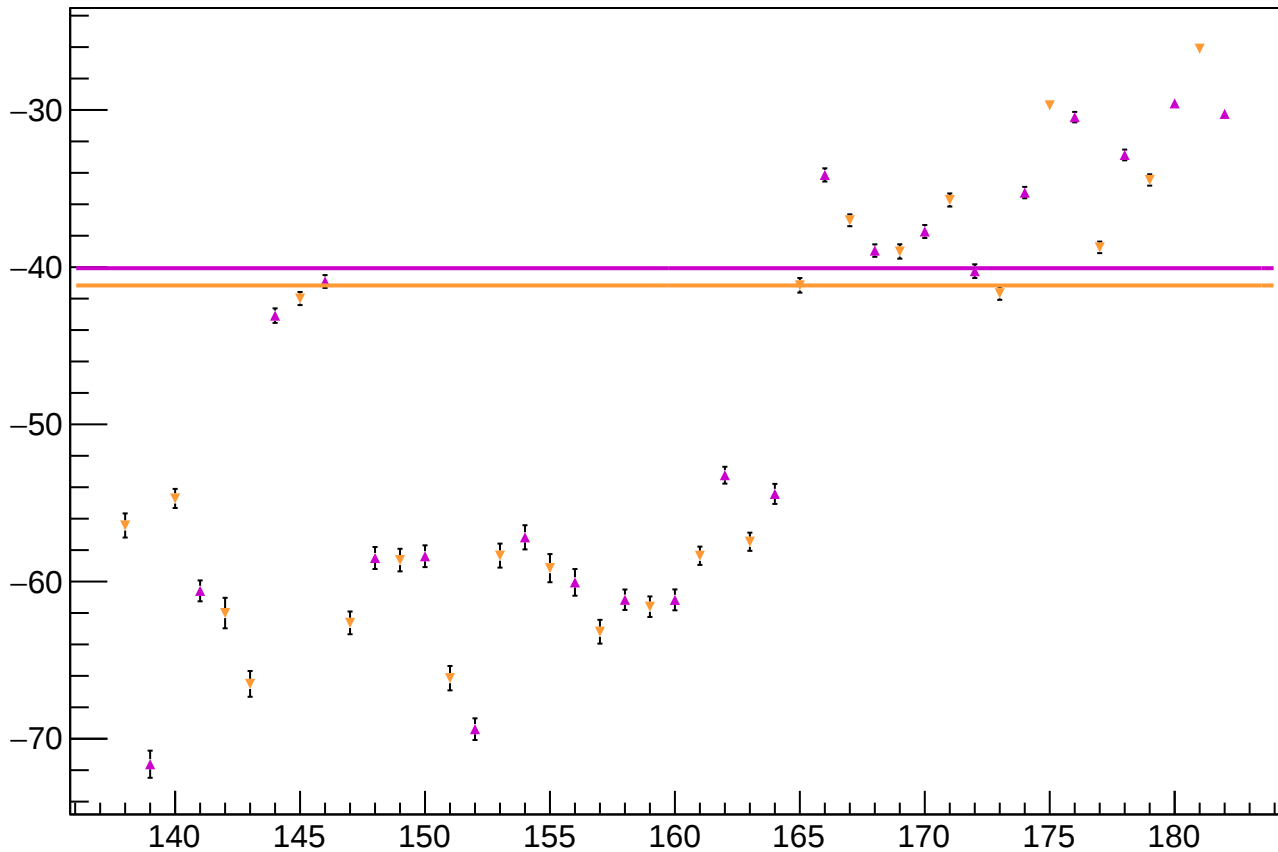
Left In: 6.836 $\pm$ 0.079 χ^2 /NDF: 2378.7/21

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

All: 6.850 $\pm$ 0.056 χ^2 /NDF: 4749.7/44

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

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.164+/-0.100 χ^2/NDF :14714.8/22

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

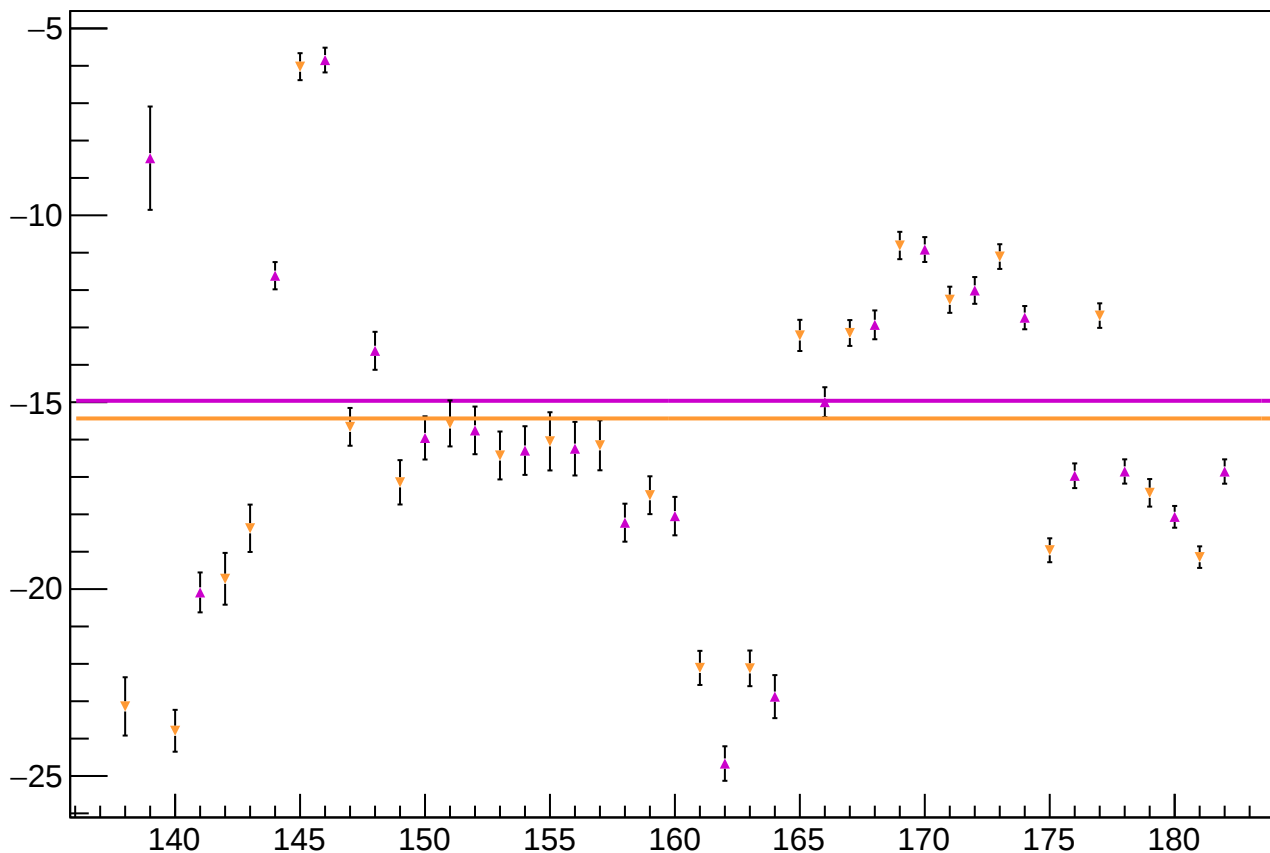
Left In: -40.066+/-0.097 χ^2/NDF :13926.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.596+/-0.070 χ^2/NDF : 28703.5/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.435 $\pm$ 0.090 χ^2 /NDF:2372.5/22

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

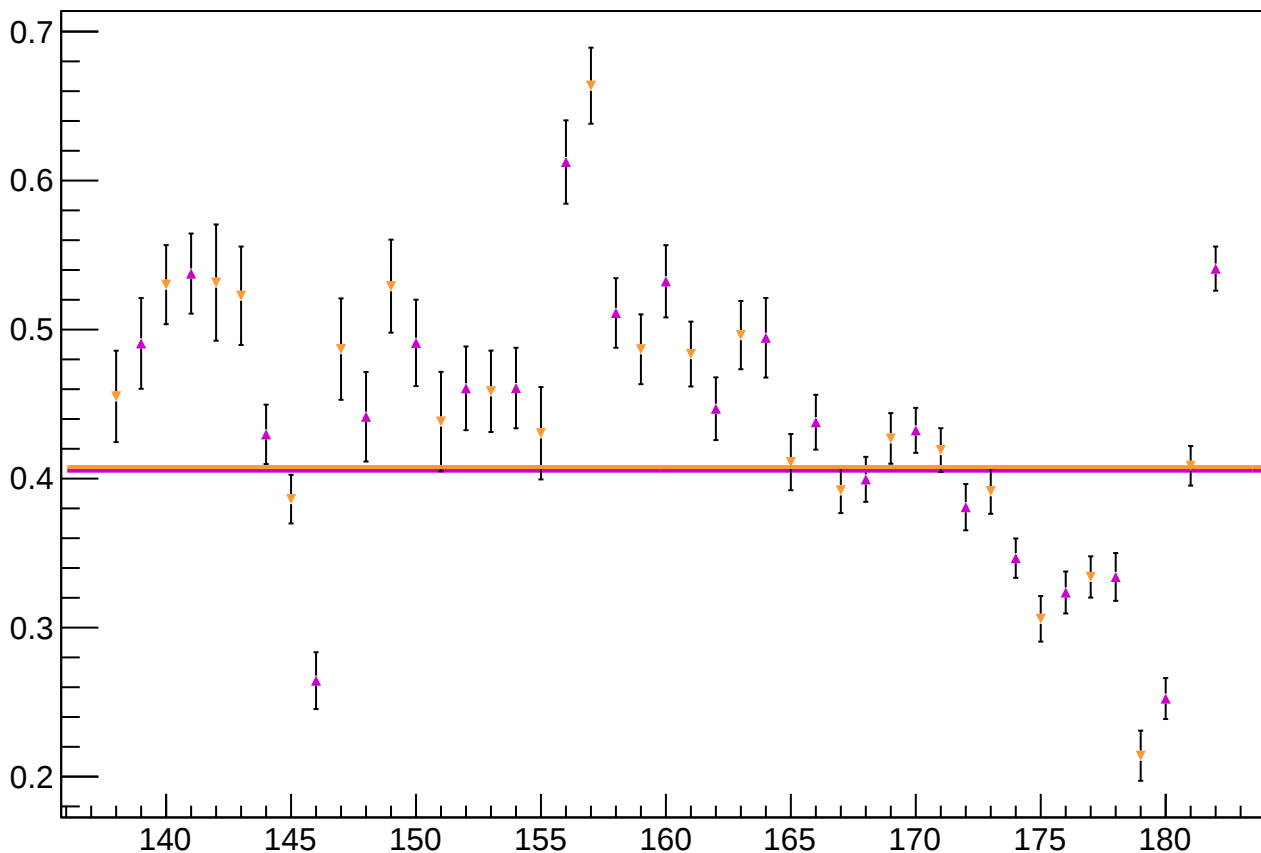
Left In: -14.962 $\pm$ 0.088 χ^2 /NDF:2195.7/21

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

All: -15.192 $\pm$ 0.063 χ^2 /NDF: 4582.3/44

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

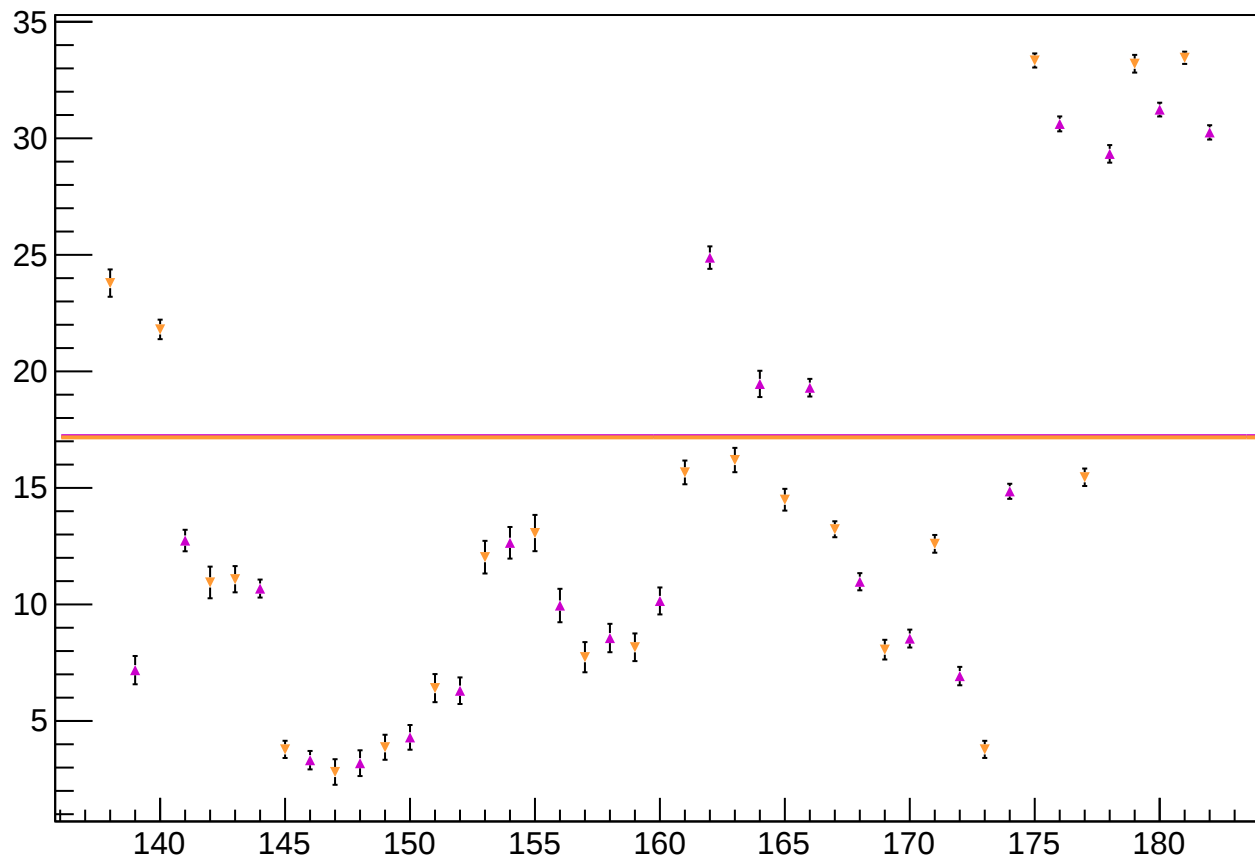
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.408+/-0.004 χ^2/NDF : 421.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.405+/-0.004 χ^2/NDF : 514.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.407+/-0.003 χ^2/NDF : 935.7/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

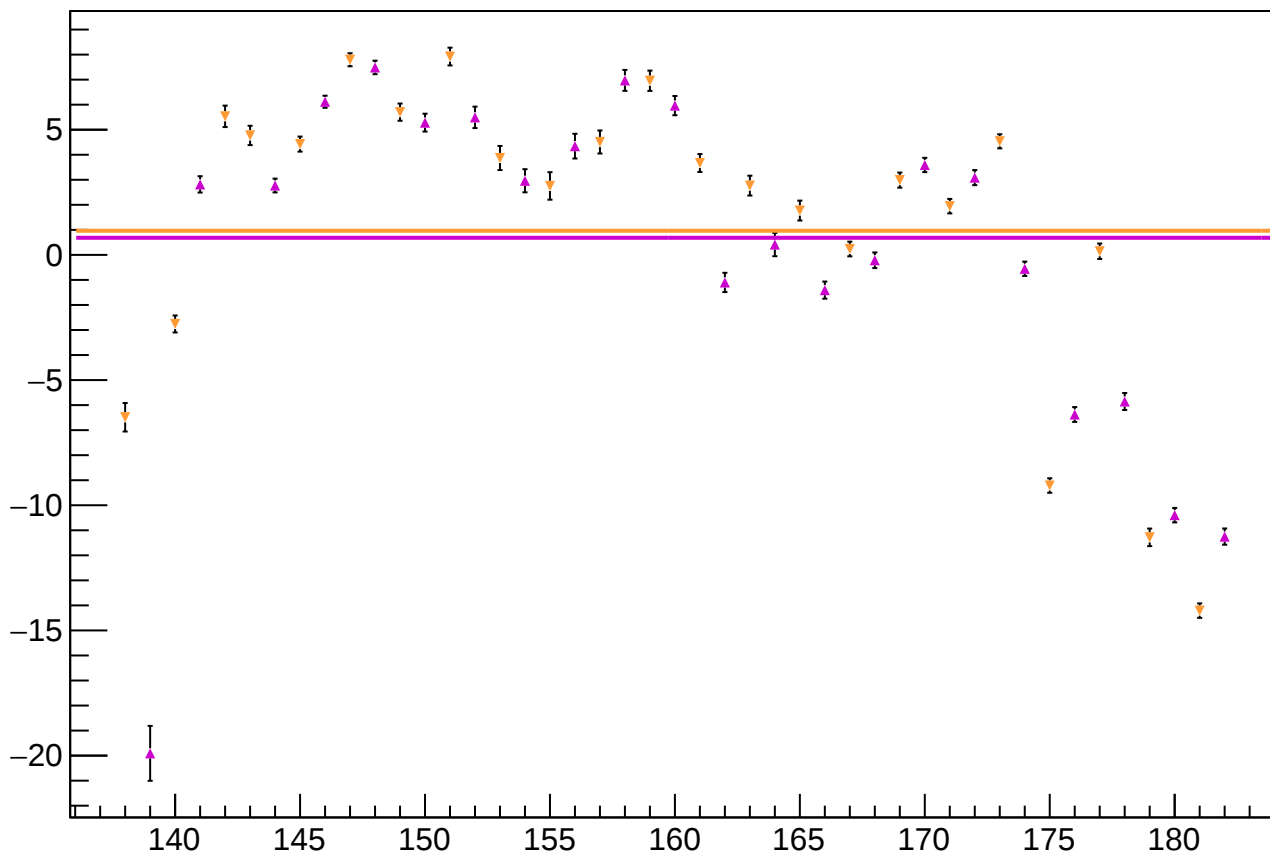
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.169+/-0.091 χ^2/NDF :14504.4/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.220+/-0.090 χ^2/NDF :12650.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 17.195+/-0.064 χ^2/NDF : 27154.7/44
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 0.965 $\pm$ 0.072 χ^2 /NDF:7714.8/22

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

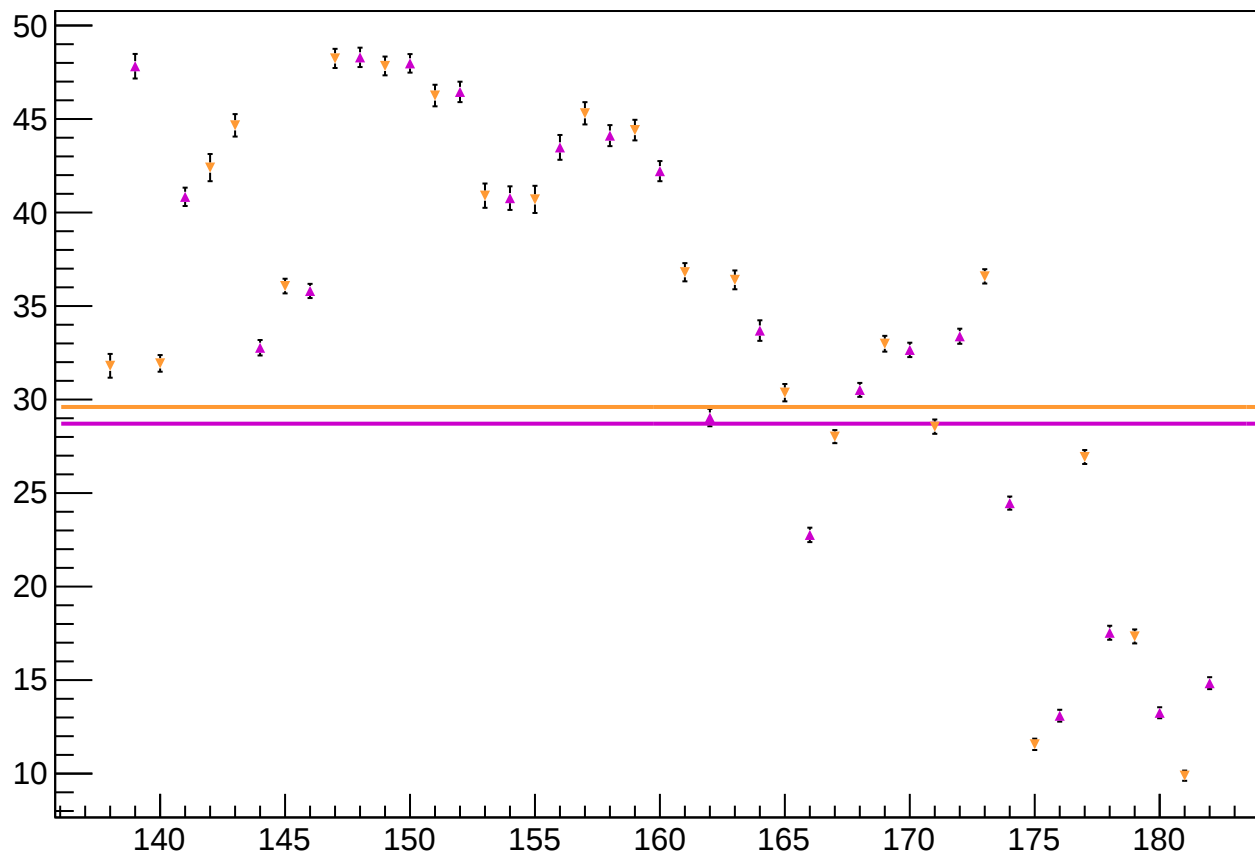
Left In: 0.684 $\pm$ 0.071 χ^2 /NDF:6406.8/21

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

All: 0.824 $\pm$ 0.051 χ^2 /NDF: 14129.3/44

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

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 29.603+/-0.092 χ^2/NDF : 17365.4/22

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

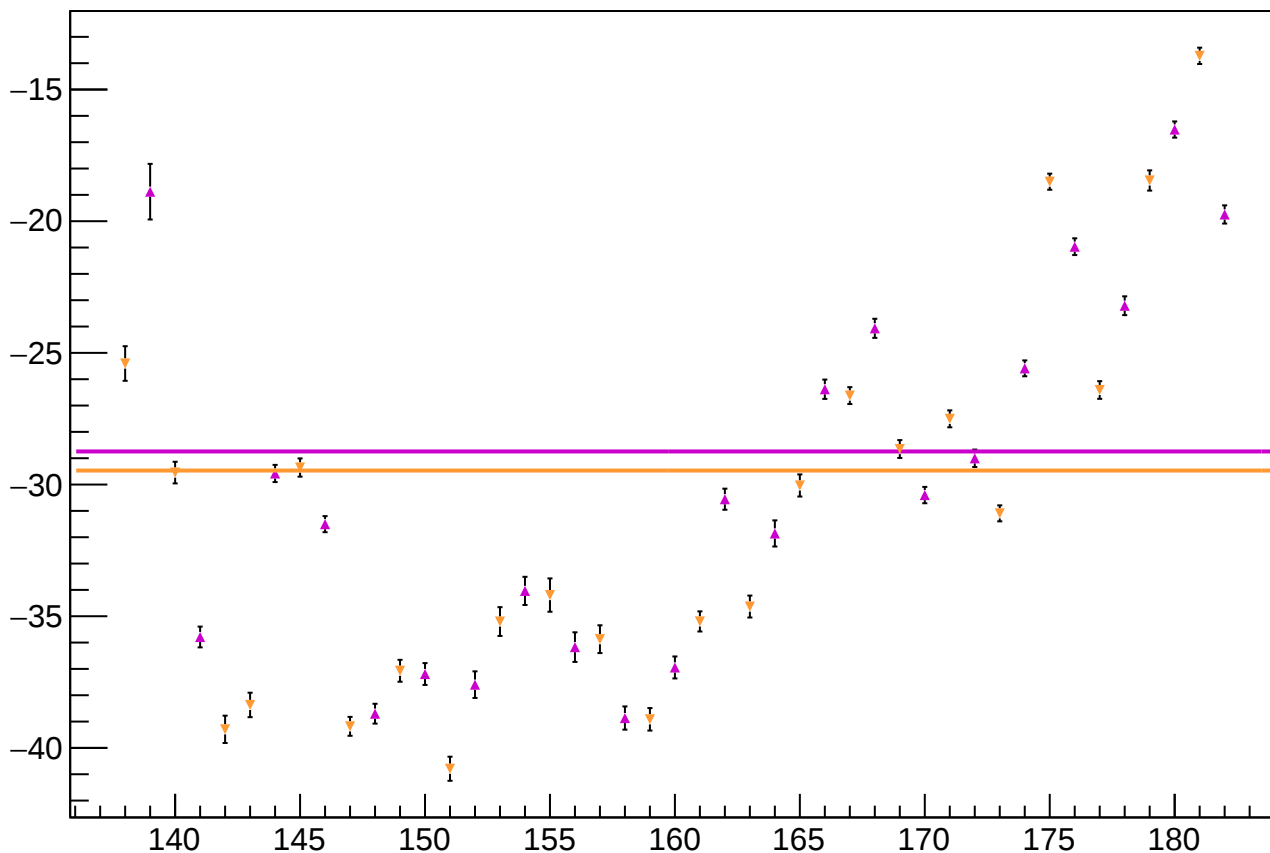
Left In: 28.710+/-0.090 χ^2/NDF : 16837.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.148+/-0.064 χ^2/NDF : 34250.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -29.468+/-0.081 χ^2/NDF : 8546.6/22

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

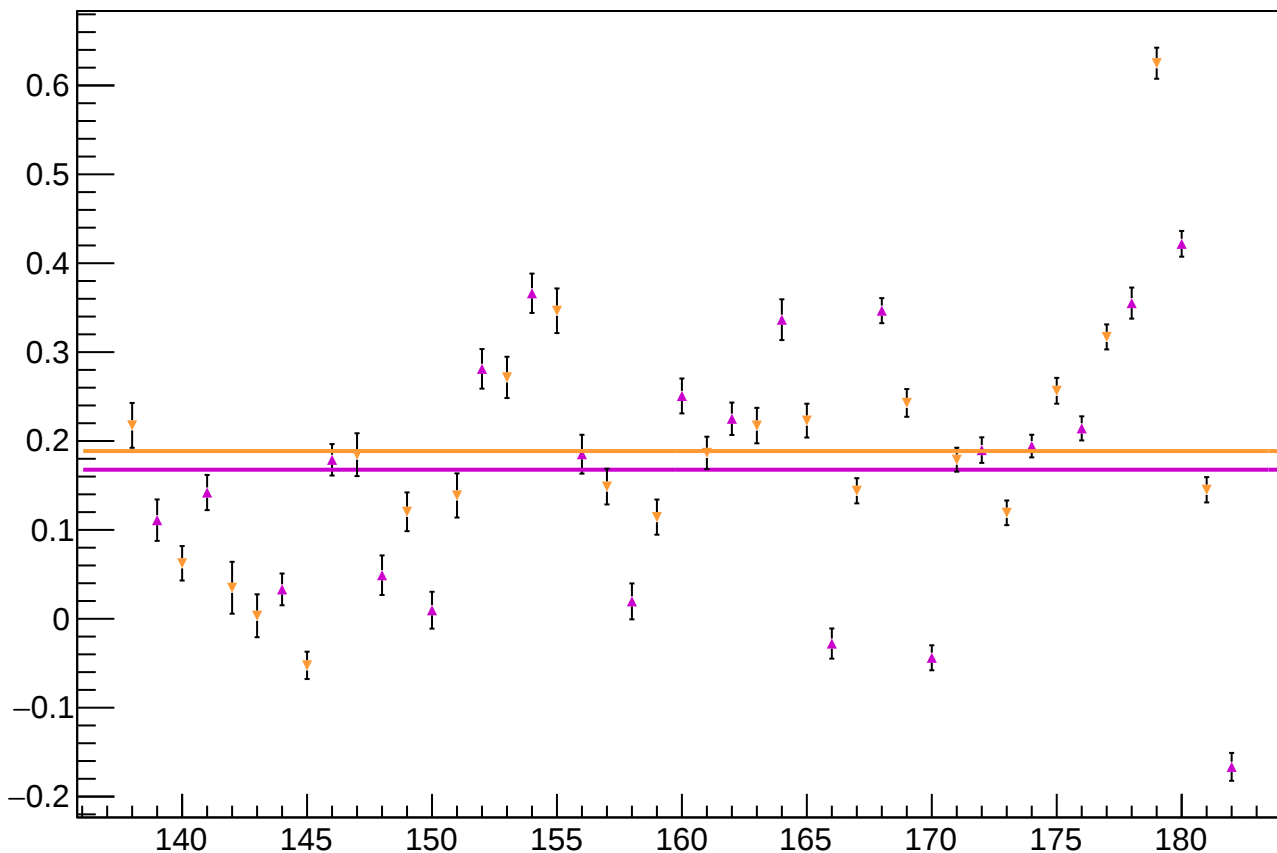
Left In: -28.743+/-0.080 χ^2/NDF : 6608.5/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.103+/-0.057 χ^2/NDF : 15195.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.189 $\pm$ 0.004 χ^2/NDF :1249.6/22

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

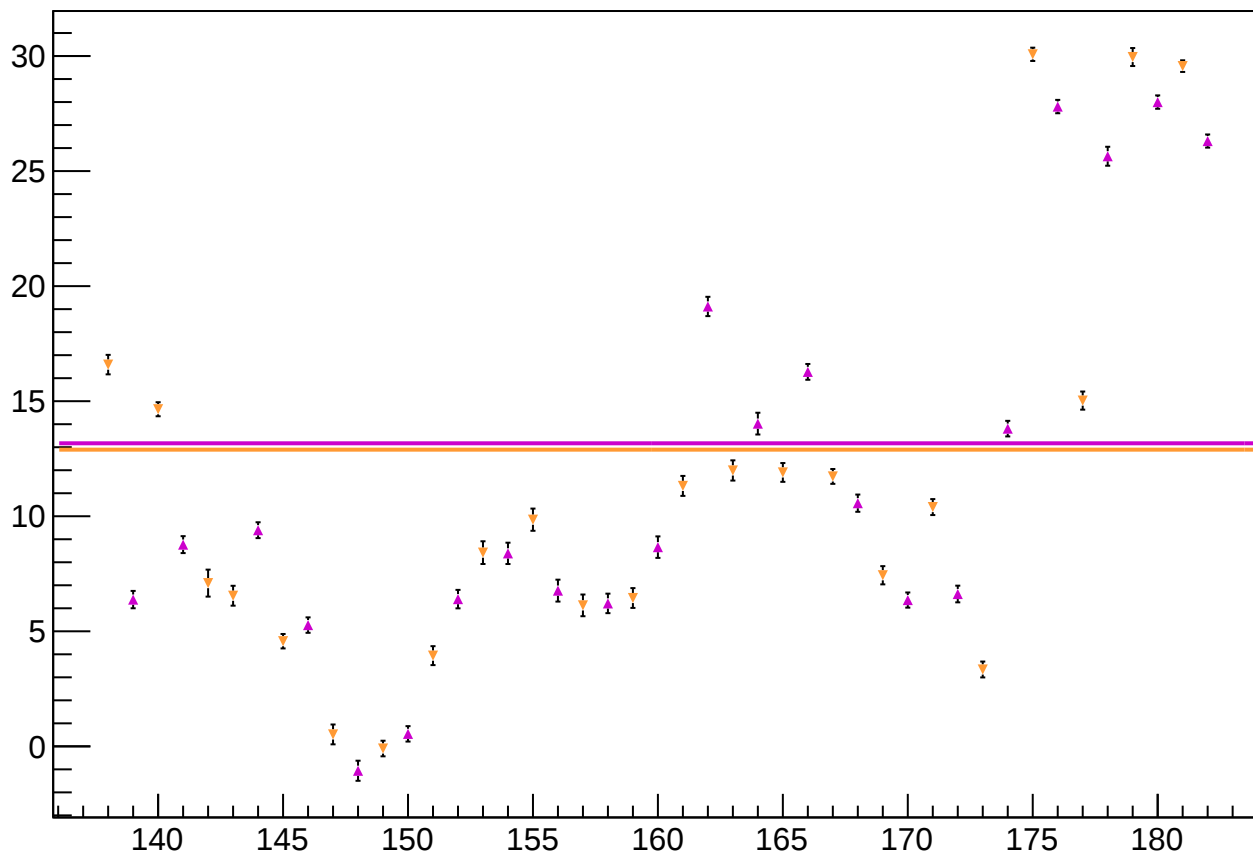
Left In: 0.168 $\pm$ 0.004 χ^2/NDF :1810.7/21

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

All: 0.178 $\pm$ 0.003 χ^2/NDF : 3076.2/44

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

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 12.894+/-0.078 χ^2/NDF :15291.6/22

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

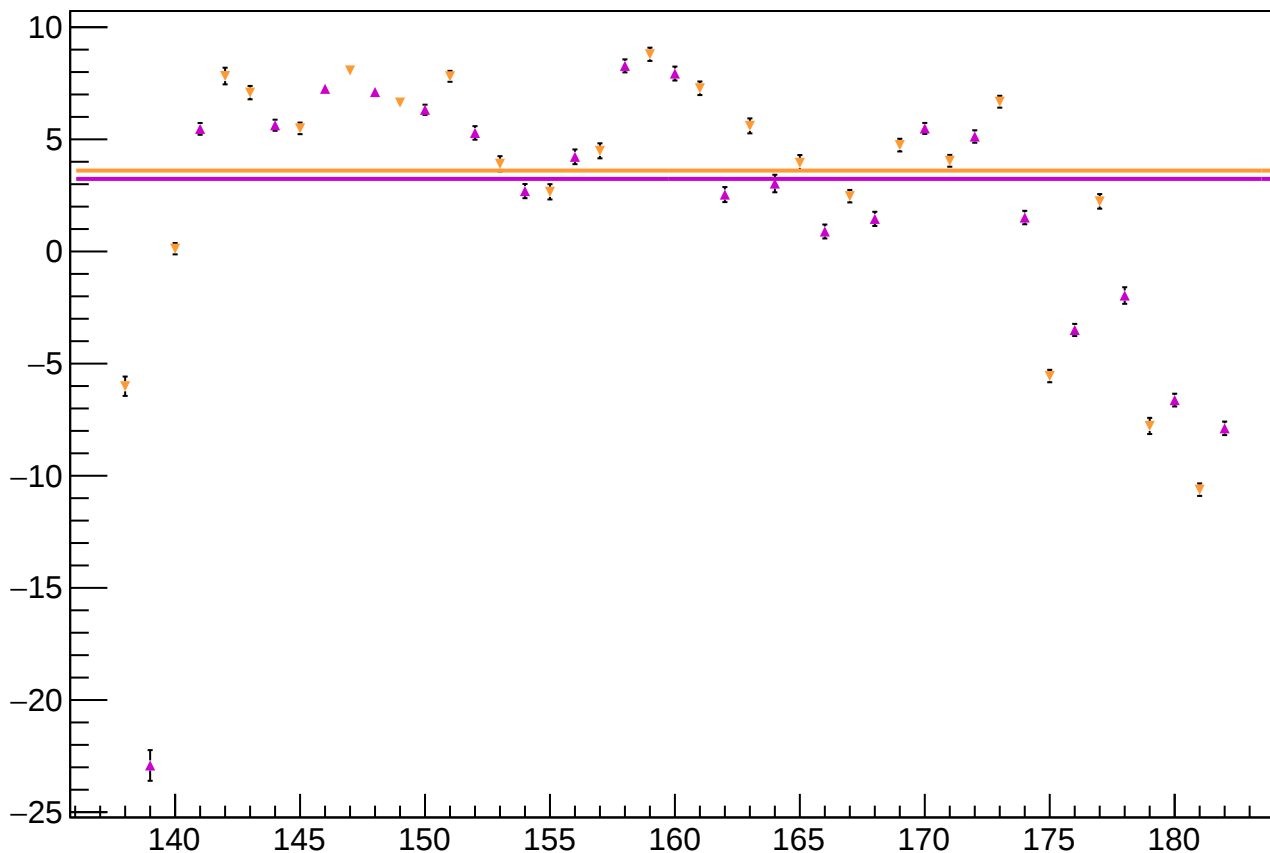
Left In: 13.170+/-0.078 χ^2/NDF :13821.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.033+/-0.055 χ^2/NDF : 29119.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 3.607 $\pm$ 0.060 χ^2 /NDF:7321.9/22

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

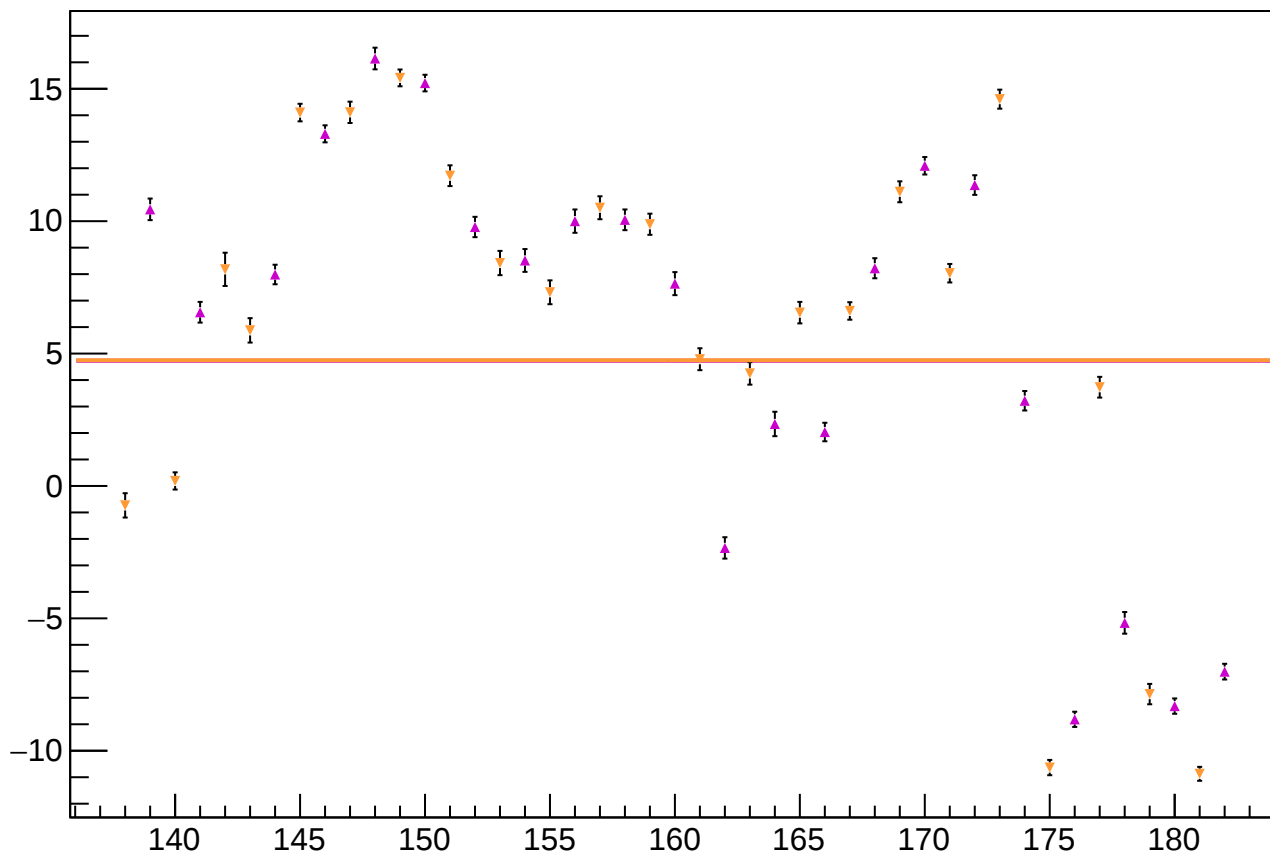
Left In: 3.236 $\pm$ 0.061 χ^2 /NDF:6706.6/21

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

All: 3.424 $\pm$ 0.043 χ^2 /NDF: 14047.4/44

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

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 4.747 $\pm$ 0.078 χ^2 /NDF:12187.4/22

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

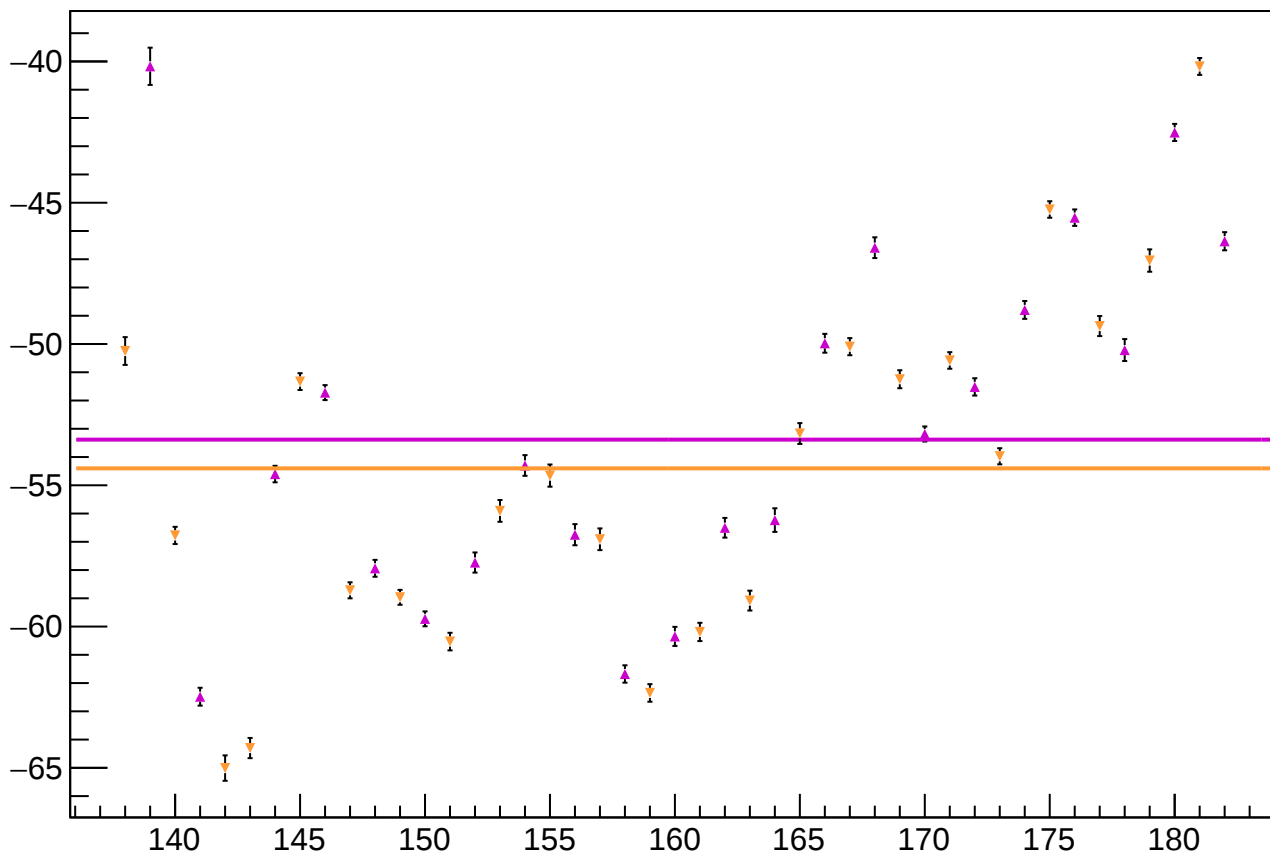
Left In: 4.730 $\pm$ 0.078 χ^2 /NDF:11243.5/21

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

All: 4.738 $\pm$ 0.055 χ^2 /NDF: 23430.9/44

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

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -54.401+/-0.068 χ^2/NDF : 7969.6/22

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

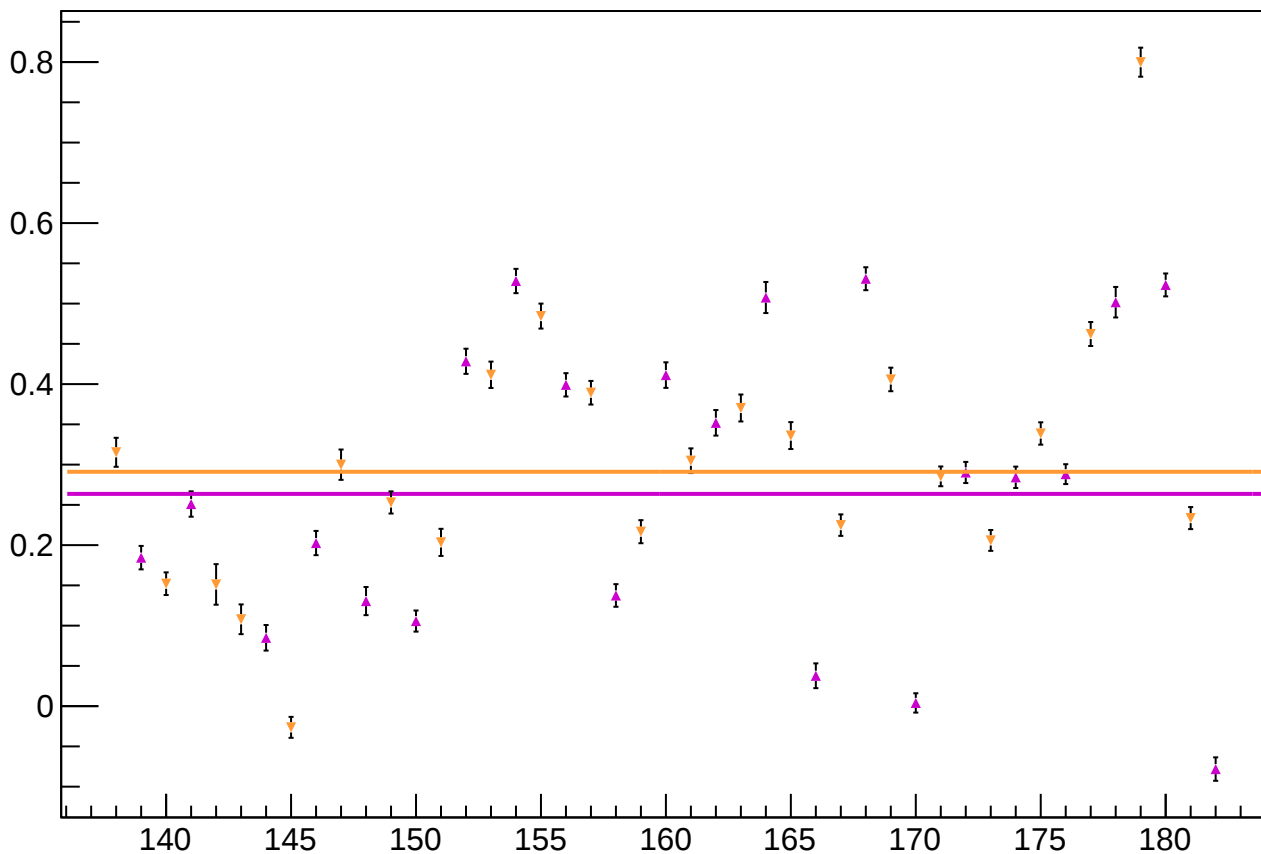
Left In: -53.384+/-0.069 χ^2/NDF : 6873.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.897+/-0.049 χ^2/NDF : 14952.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.291+/-0.003 χ^2/NDF :2258.2/22

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

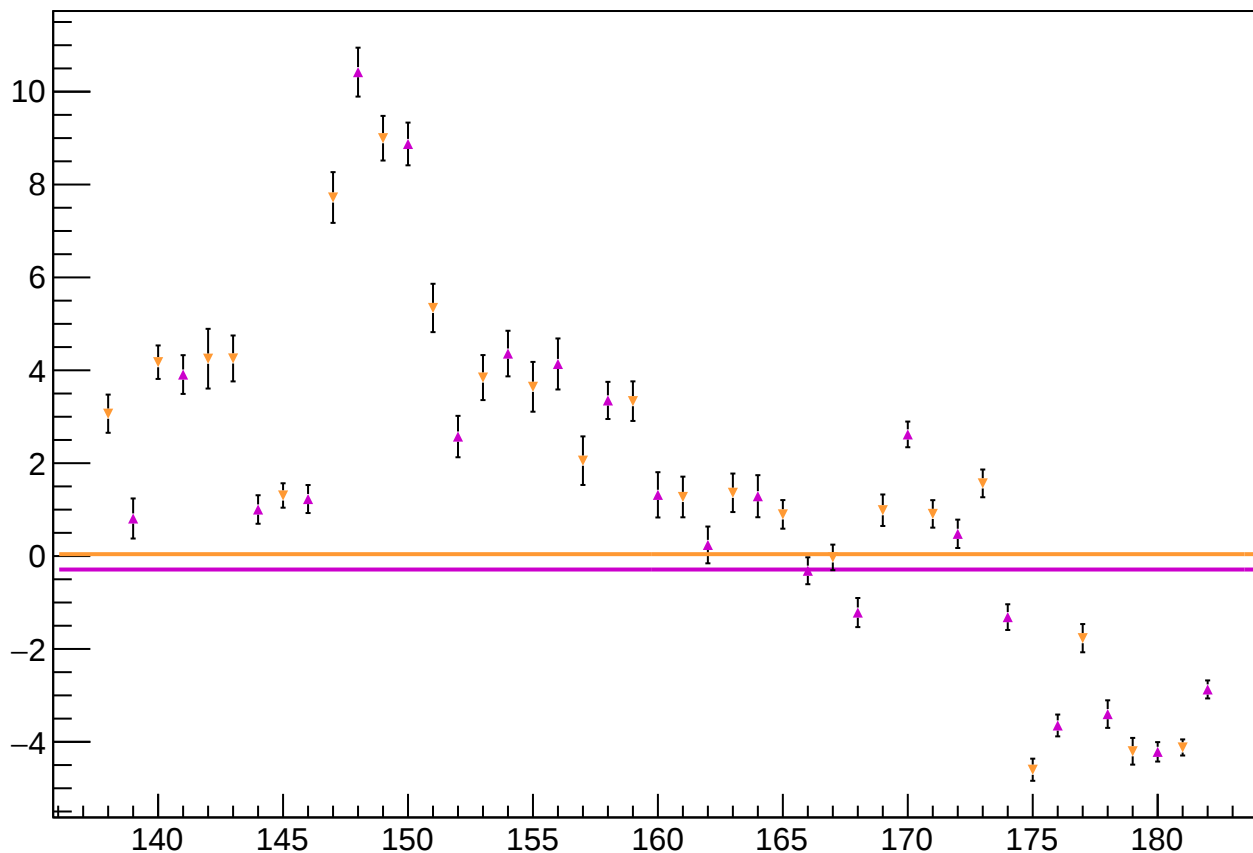
Left In: 0.264+/-0.003 χ^2/NDF :3328.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.277+/-0.002 χ^2/NDF : 5624.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

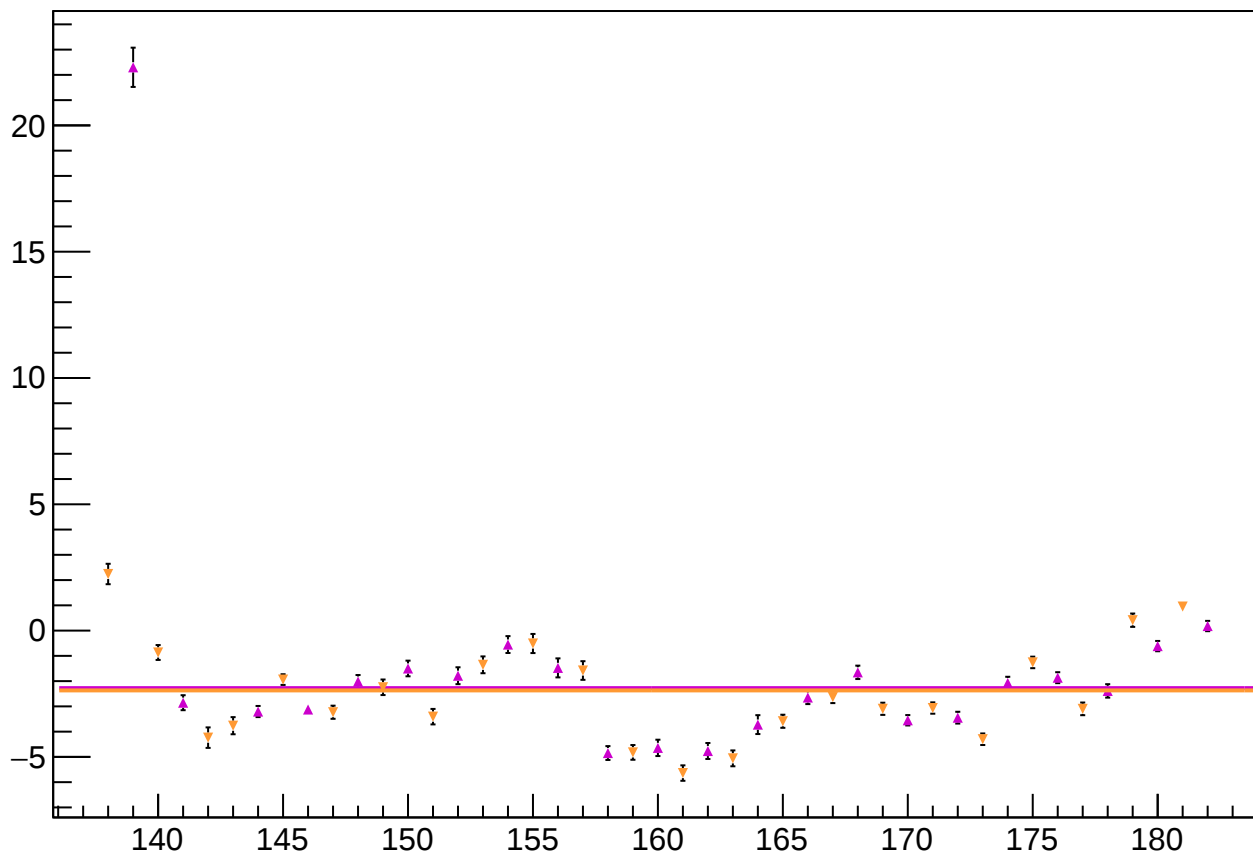
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.041 $\pm$ 0.070 χ^2 /NDF:2431.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.290 $\pm$ 0.069 χ^2 /NDF:2247.9/21

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.128 $\pm$ 0.049 χ^2 /NDF: 4690.7/44
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

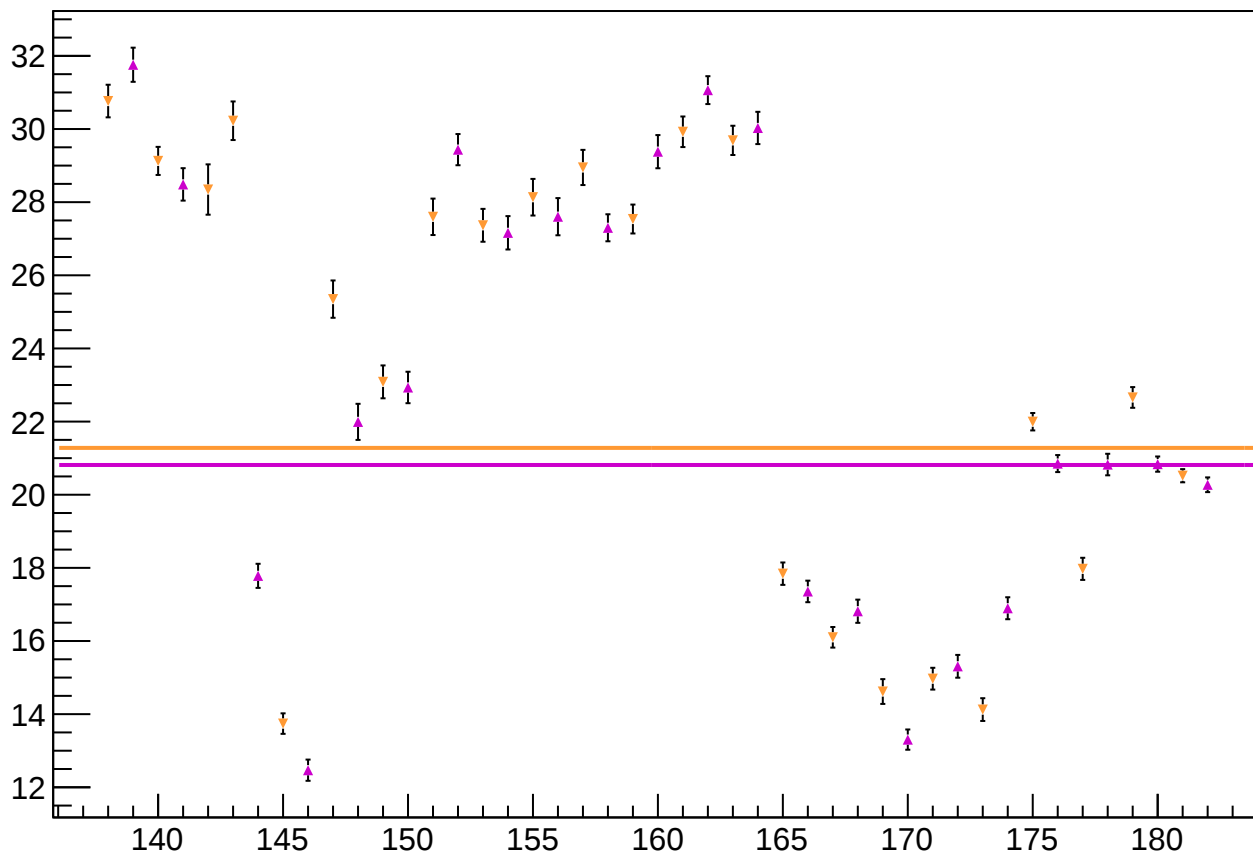
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -2.367 ± 0.057 χ^2/NDF : 1075.8/22
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -2.278 ± 0.056 χ^2/NDF : 1586.6/21

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -2.322 ± 0.040 χ^2/NDF : 2663.7/44
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 21.281+/-0.071 χ^2/NDF : 5972.0/22

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

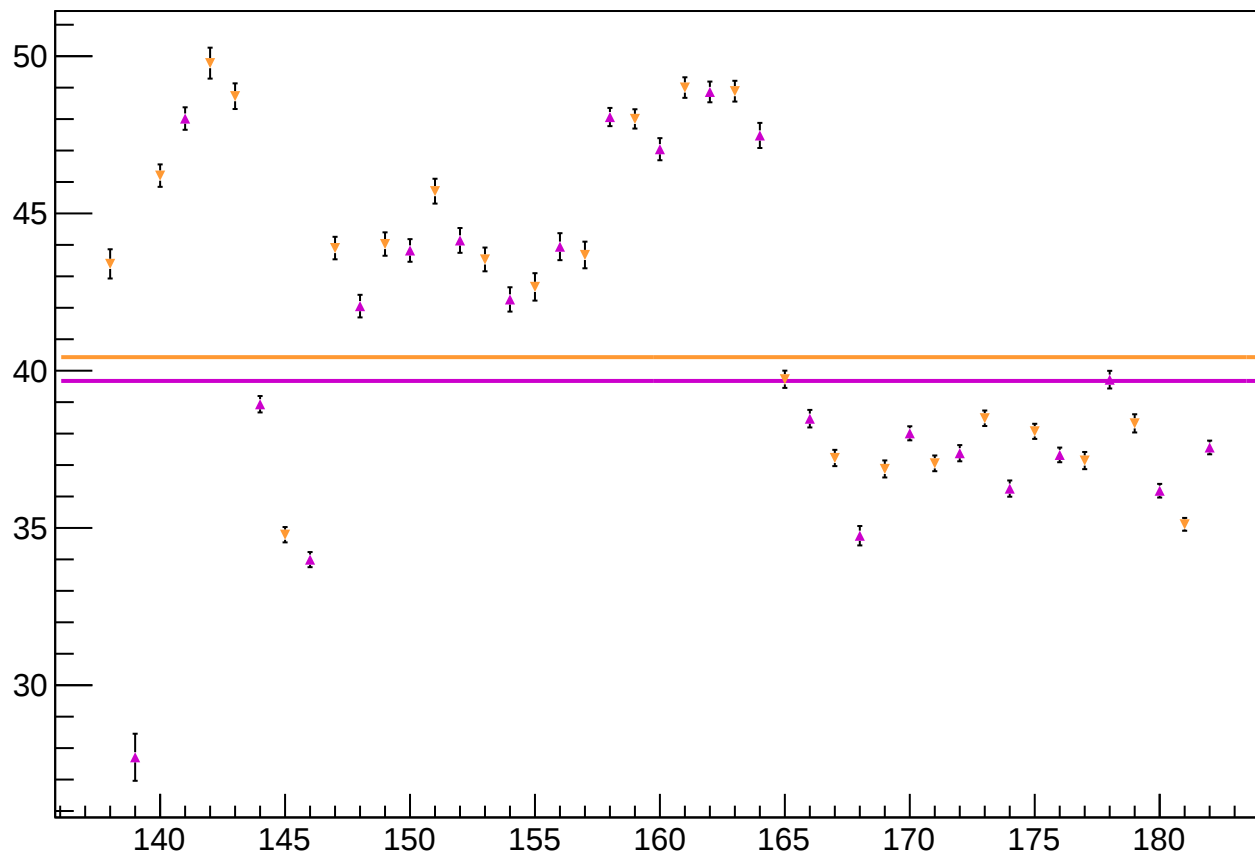
Left In: 20.813+/-0.069 χ^2/NDF : 5917.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.040+/-0.049 χ^2/NDF : 11912.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 40.430+/-0.063 χ^2/NDF : 5633.0/22

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

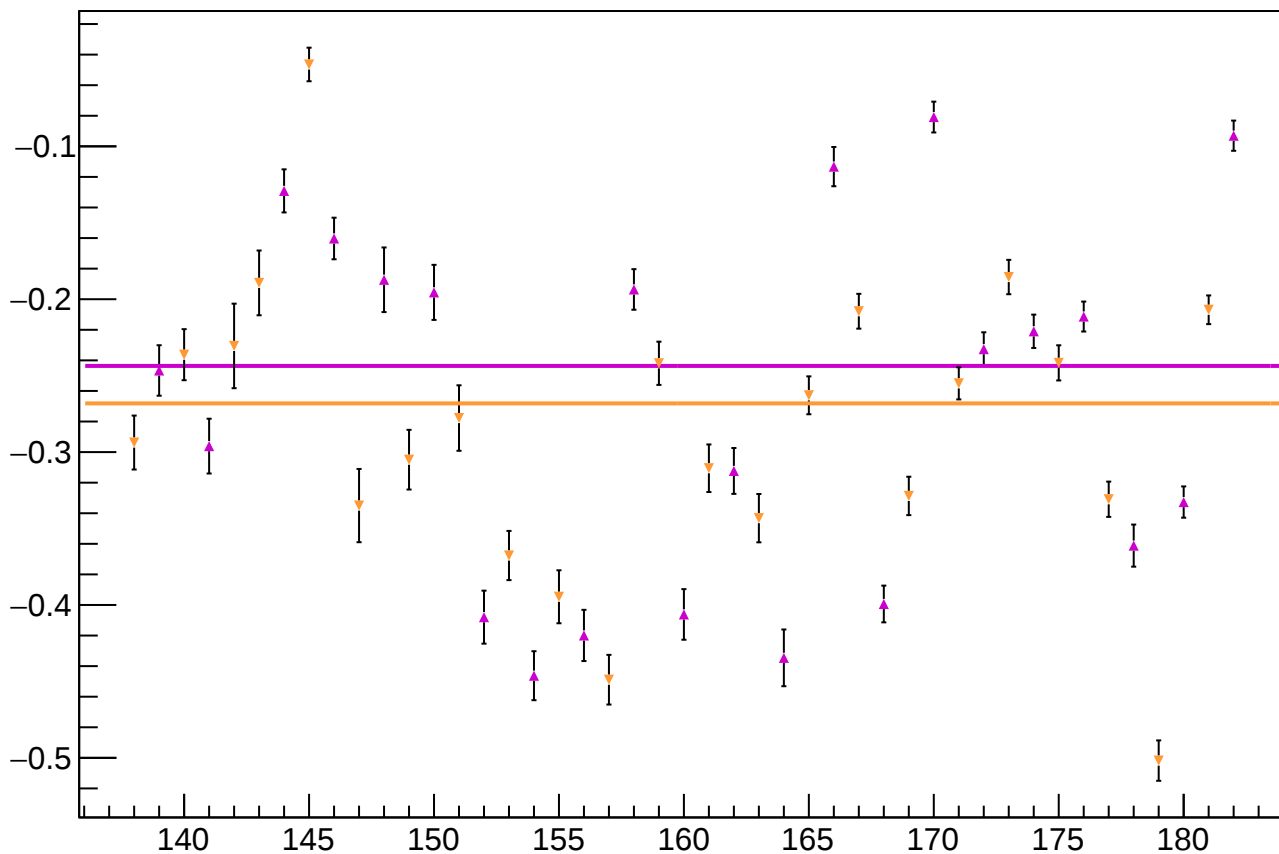
Left In: 39.674+/-0.062 χ^2/NDF : 5294.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.045+/-0.044 χ^2/NDF : 11000.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.268+/-0.003 χ^2/NDF :1186.3/22

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

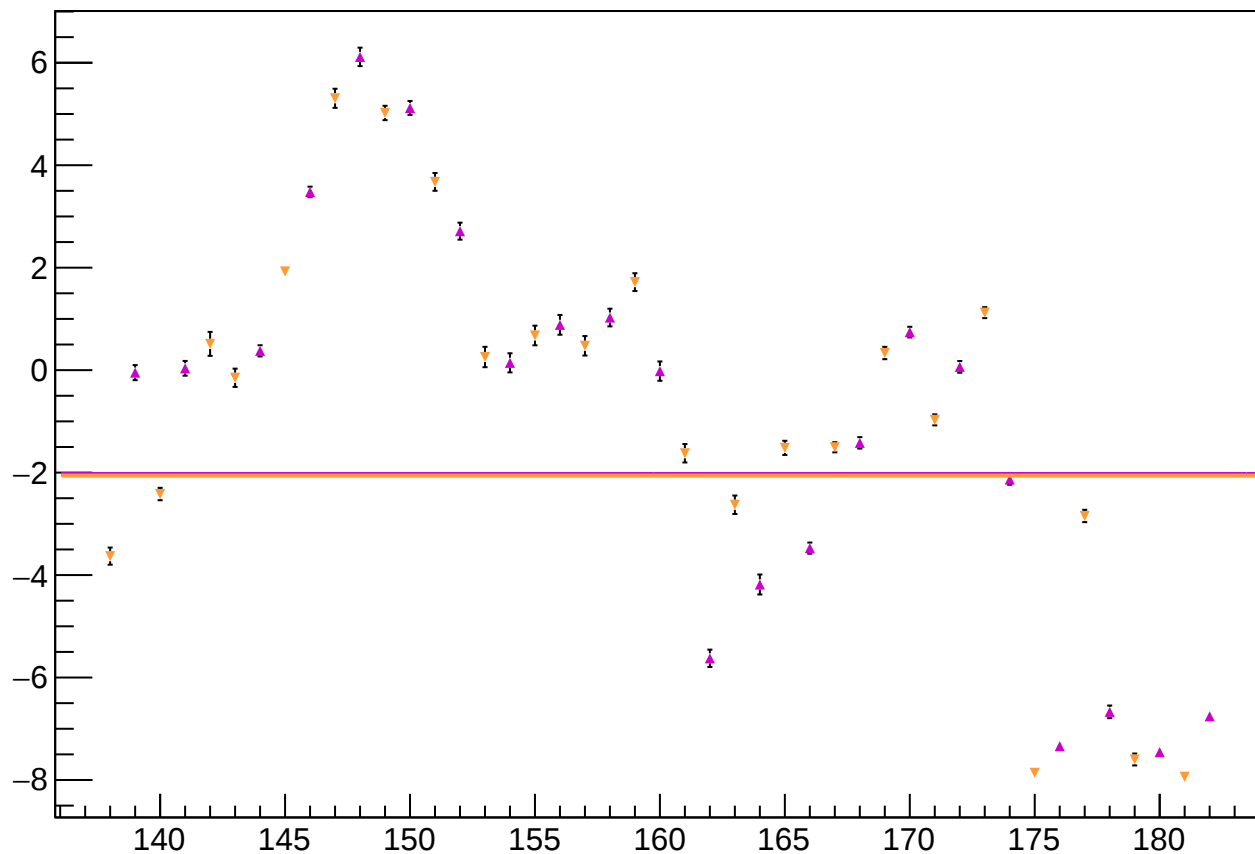
Left In: -0.244+/-0.003 χ^2/NDF :1654.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.256+/-0.002 χ^2/NDF : 2877.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -2.058+/-0.027 χ^2/NDF : 22105.1/22

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

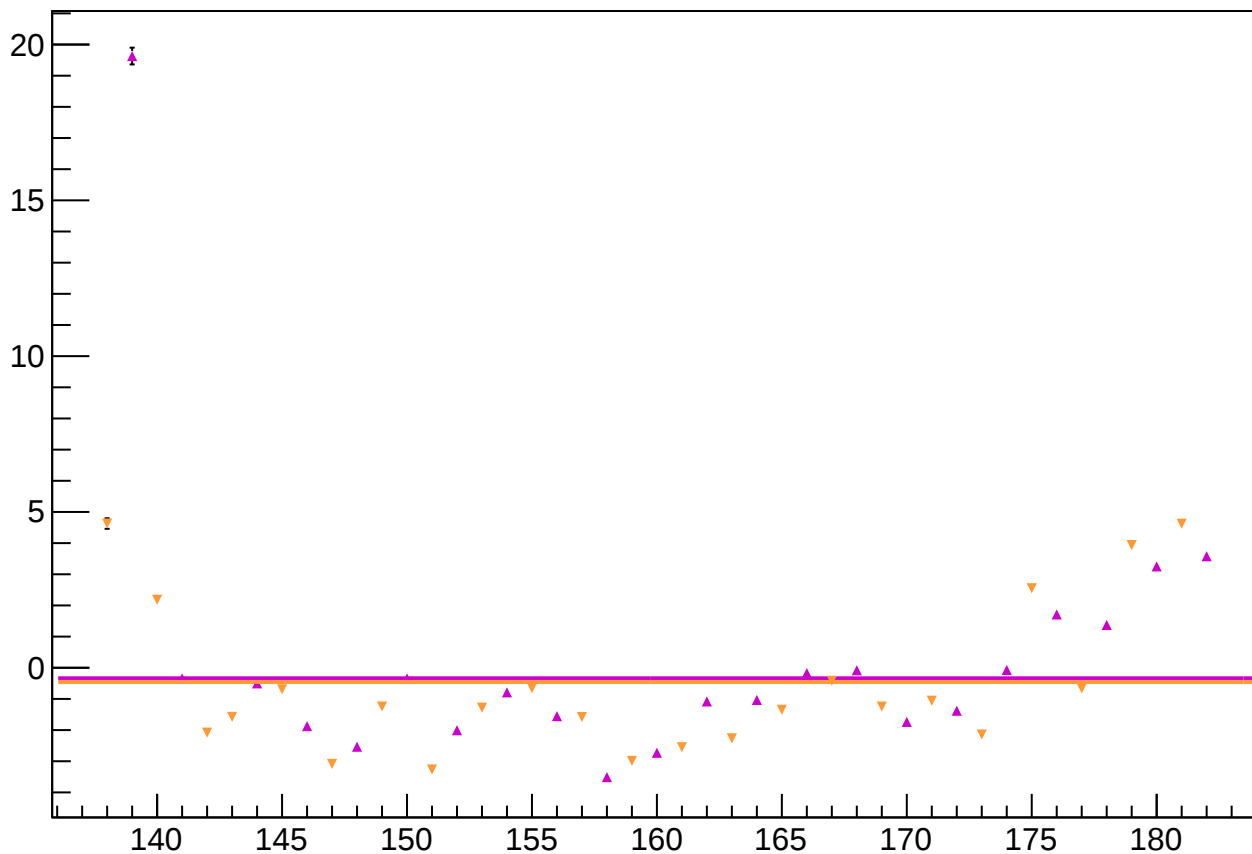
Left In: -2.028+/-0.026 χ^2/NDF : 23105.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.042+/-0.019 χ^2/NDF : 45211.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -0.455+/-0.021 χ^2/NDF : 11547.4/22

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

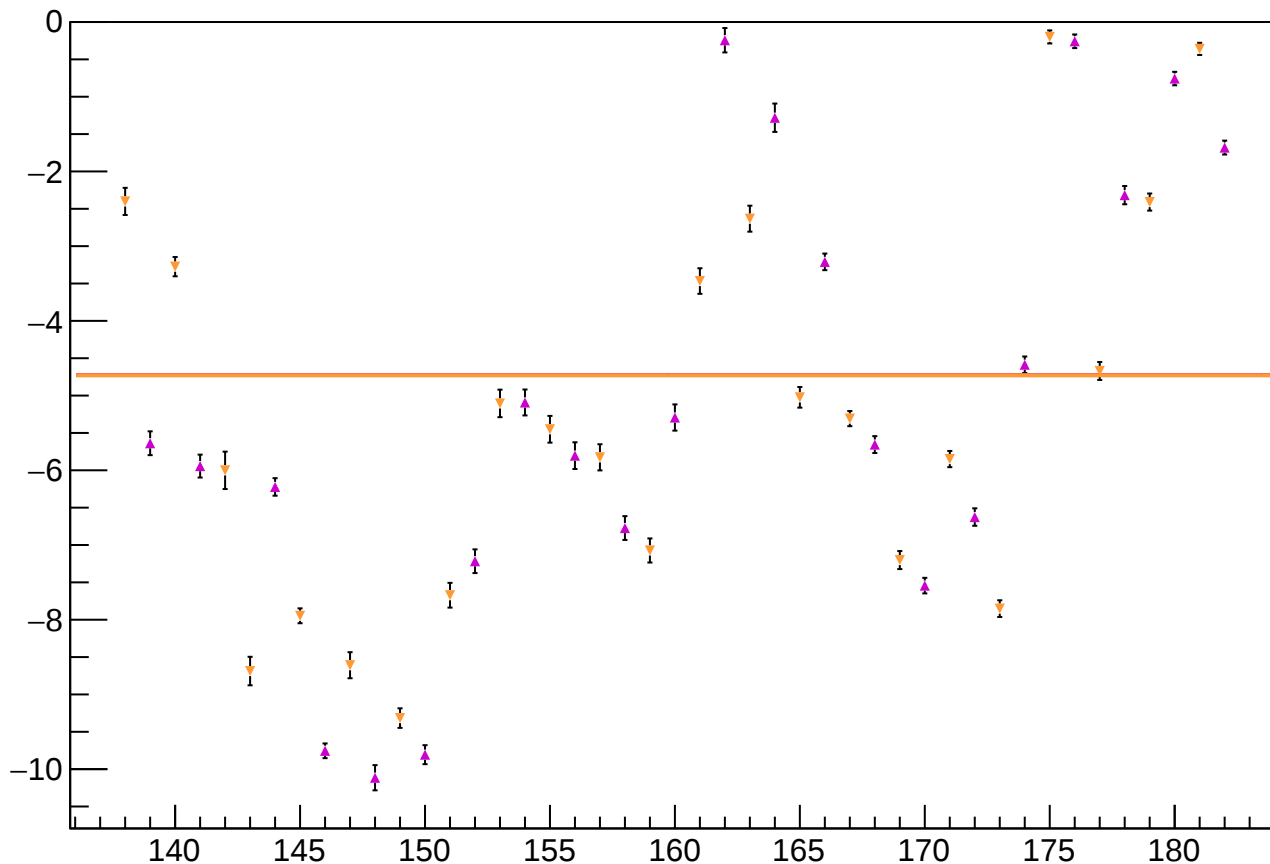
Left In: -0.338+/-0.021 χ^2/NDF : 12701.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.396+/-0.015 χ^2/NDF : 24263.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -4.728+/-0.027 χ^2/NDF :11616.9/22

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

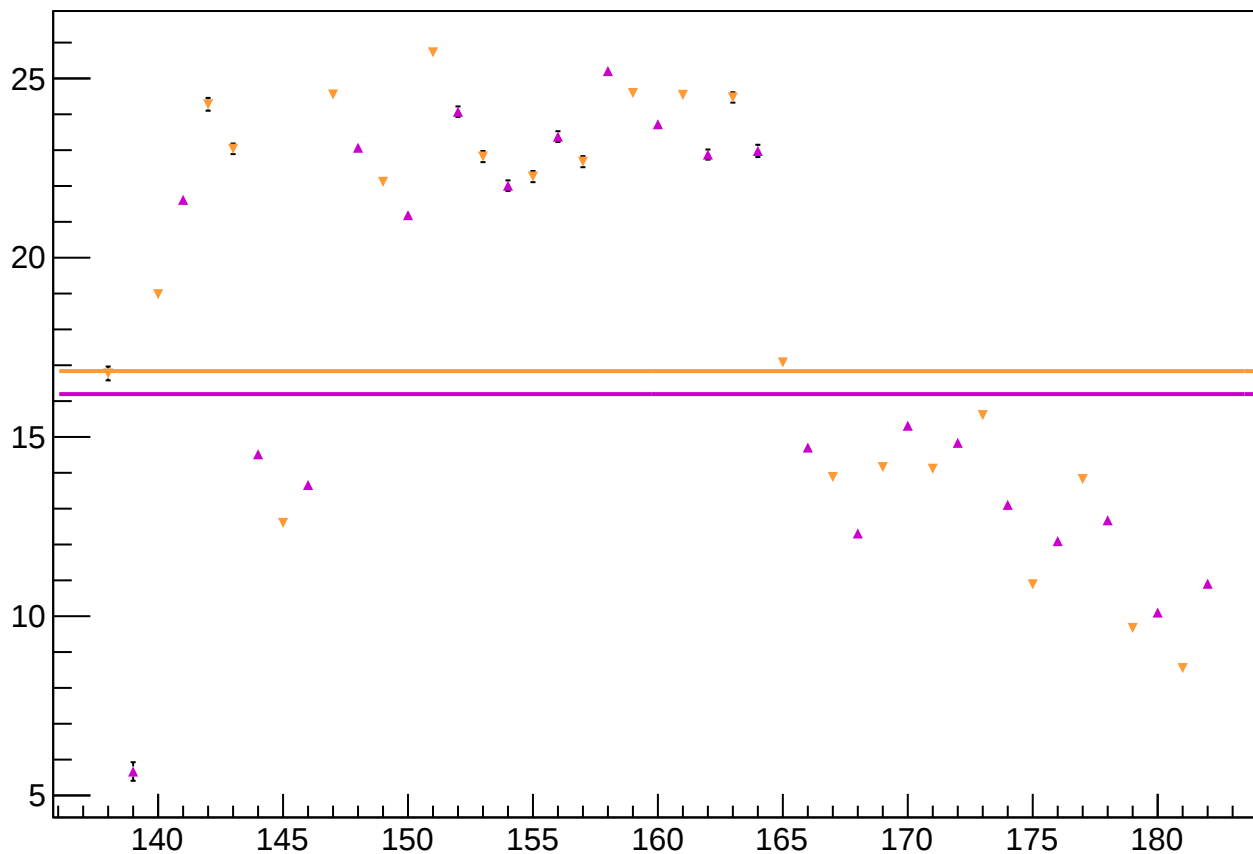
Left In: -4.725+/-0.026 χ^2/NDF :14071.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.727+/-0.019 χ^2/NDF : 25688.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 16.837+/-0.024 χ^2/NDF : 50991.8/22

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

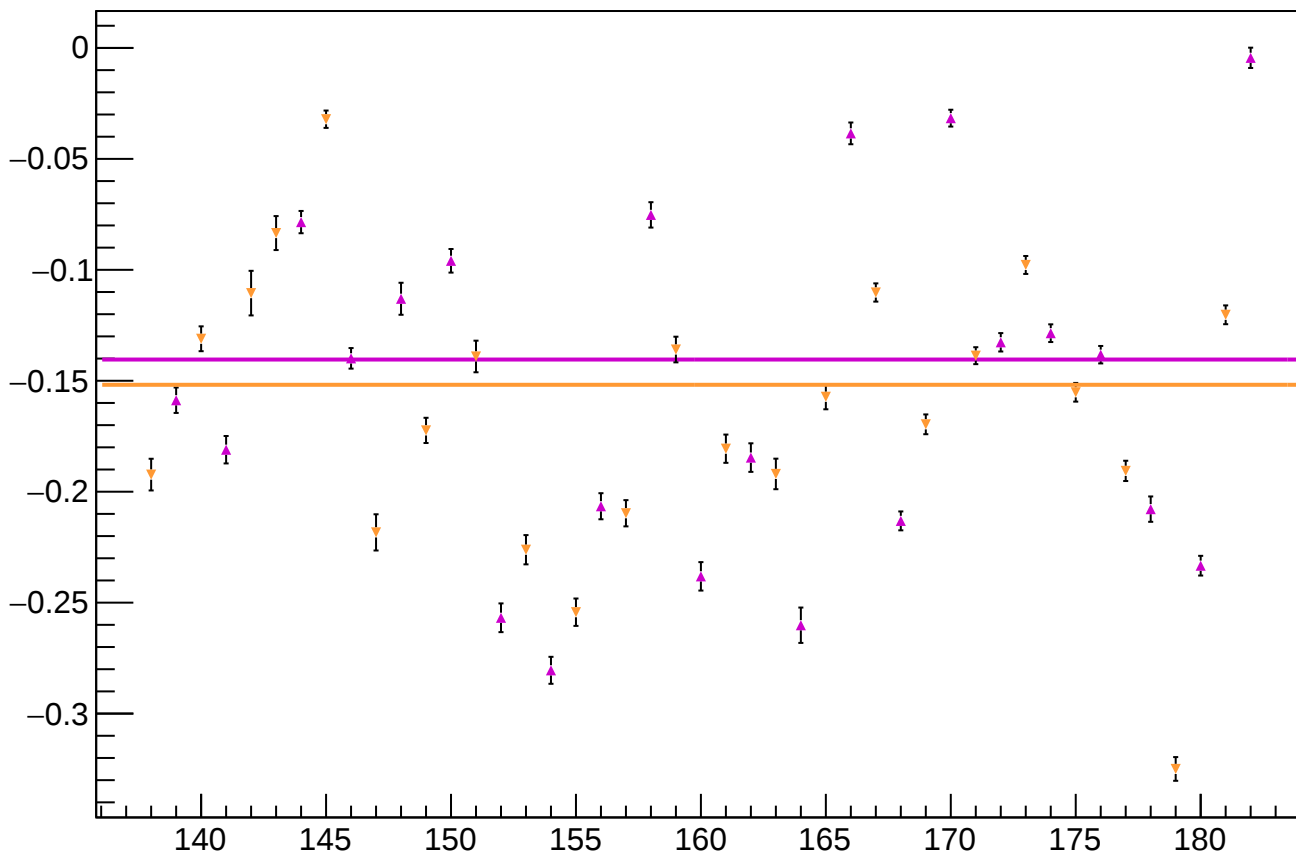
Left In: 16.195+/-0.024 χ^2/NDF : 41461.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.513+/-0.017 χ^2/NDF : 92813.3/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -0.152 ± 0.001 χ^2/NDF : 3211.5/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

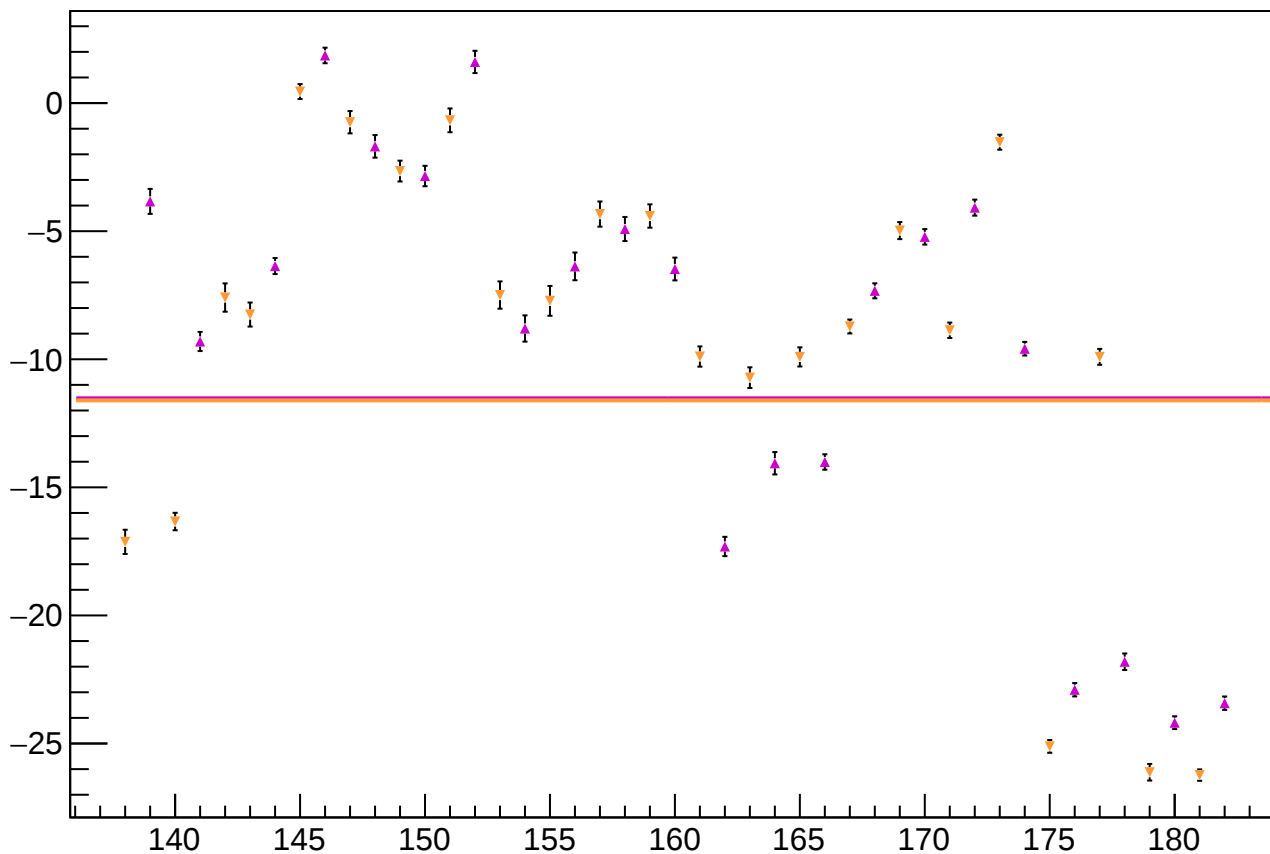
Left In: -0.140 ± 0.001 χ^2/NDF : 4925.5/21

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.146 ± 0.001 χ^2/NDF : 8191.5/44

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.603+/-0.073 χ^2/NDF :15465.0/22

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

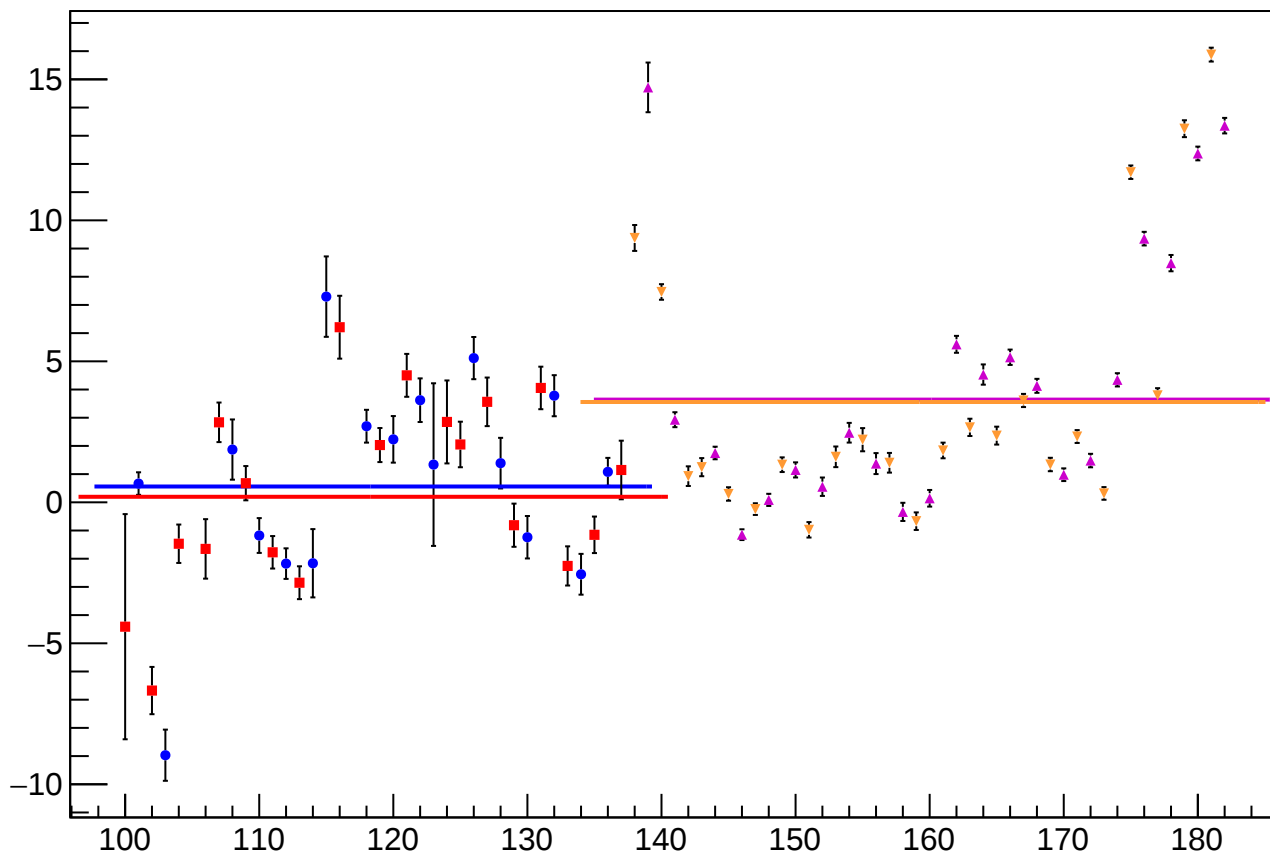
Left In: -11.526+/-0.072 χ^2/NDF :14003.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.564+/-0.052 χ^2/NDF : 29469.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.561 ± 0.170 χ^2/NDF : 288.7/16

Left Out: 3.558 ± 0.057 χ^2/NDF : 6698.1/22

Right Out: 0.196 ± 0.175 χ^2/NDF : 271.2/18

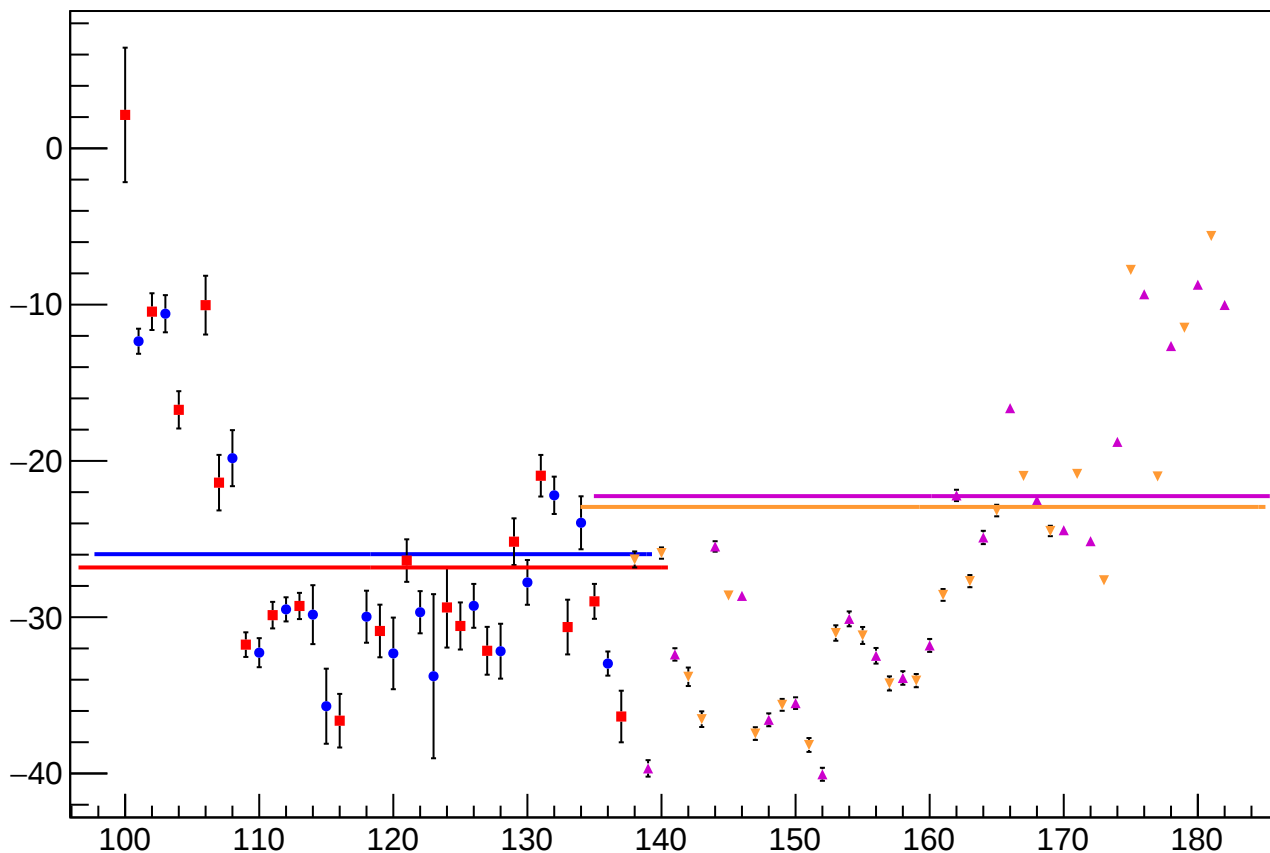
Left In: 3.642 ± 0.057 χ^2/NDF : 5338.7/21

+ sign 3.254 ± 0.054 χ^2/NDF : 7264.7/39

All: 3.283 ± 0.038 χ^2/NDF : 13226.2/80

- sign 3.311 ± 0.054 χ^2/NDF : 5960.9/40

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.968 ± 0.301 χ^2/NDF : 691.1/16

Left Out: -22.944 ± 0.074 χ^2/NDF : 18222.8/22

Right Out: -26.818 ± 0.298 χ^2/NDF : 580.9/18

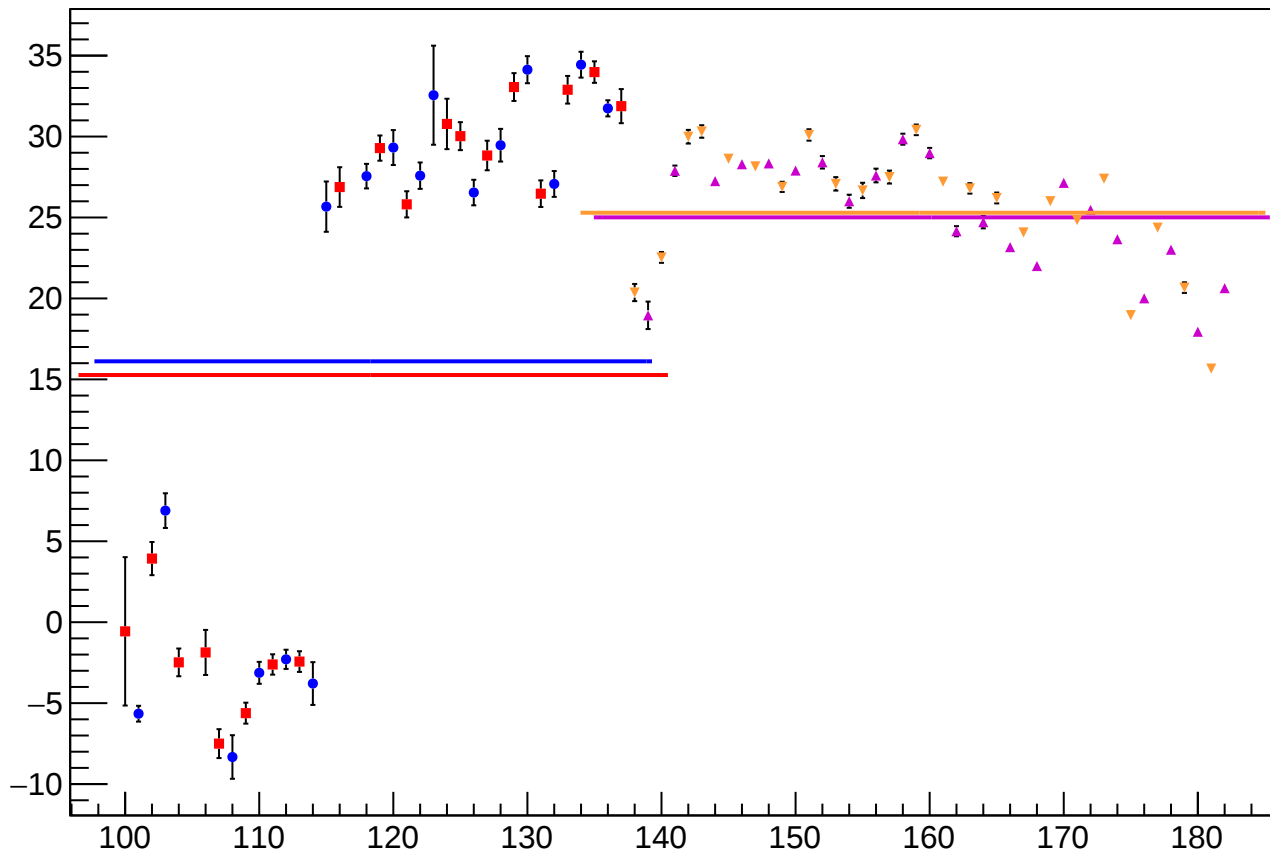
Left In: -22.253 ± 0.072 χ^2/NDF : 17608.8/21

+ sign -23.115 ± 0.072 χ^2/NDF : 19009.1/39

All: -22.806 ± 0.050 χ^2/NDF : 37457.1/80

- sign -22.507 ± 0.070 χ^2/NDF : 18411.2/40

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.115 $\pm$ 0.192 χ^2 /NDF: 7542.1/16

Left Out: 25.295 $\pm$ 0.065 χ^2 /NDF:3566.0/22

Right Out: 15.269 $\pm$ 0.197 χ^2 /NDF: 7261.7/18

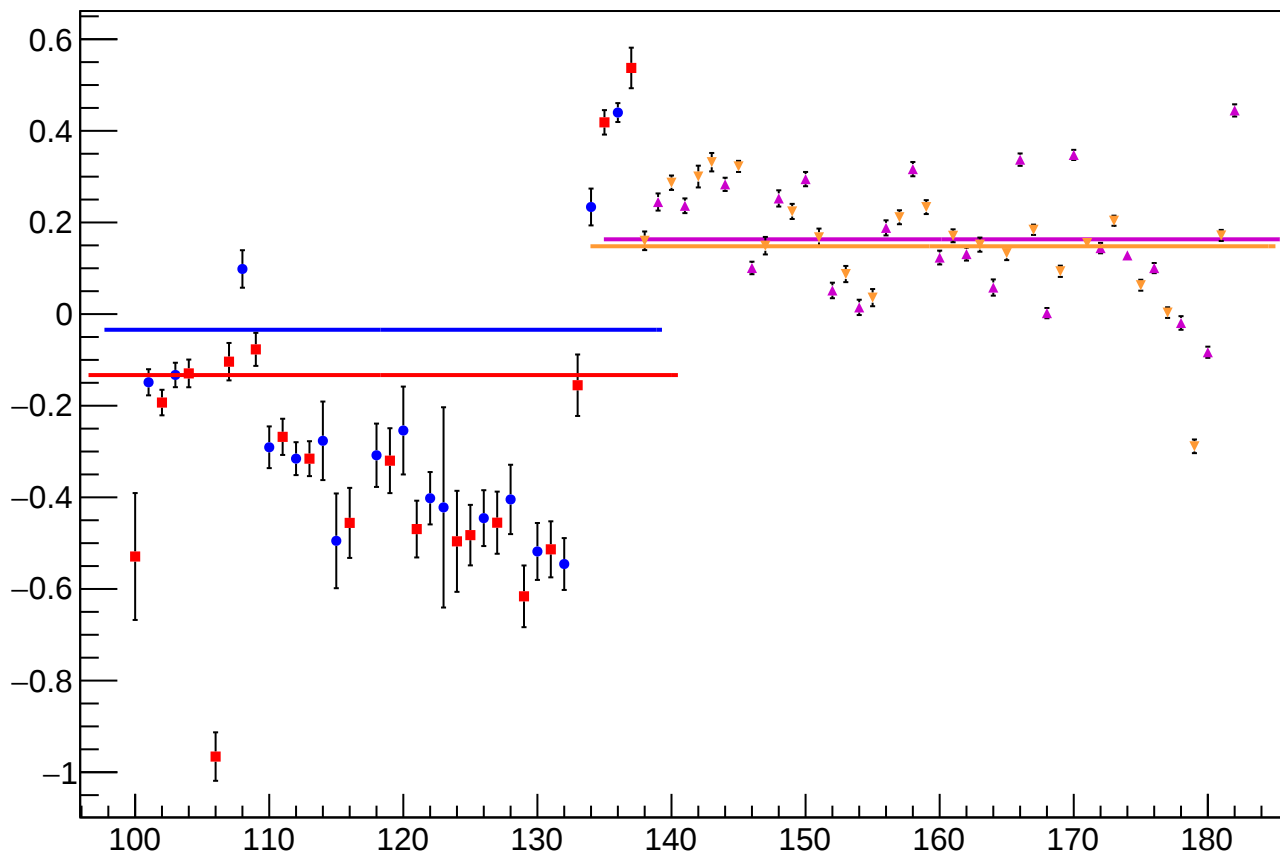
Left In: 25.008 $\pm$ 0.064 χ^2 /NDF:2721.9/21

+ sign 24.361 $\pm$ 0.061 χ^2 /NDF: 13152.9/39

All: 24.216 $\pm$ 0.043 χ^2 /NDF: 25348.7/80

- sign 24.072 $\pm$ 0.061 χ^2 /NDF: 12184.7/40

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.034 ± 0.010 χ^2/NDF : 1011.4/16

Left Out: 0.148 ± 0.003 χ^2/NDF : 1653.6/22

Right Out: -0.133 ± 0.010 χ^2/NDF : 1160.4/18

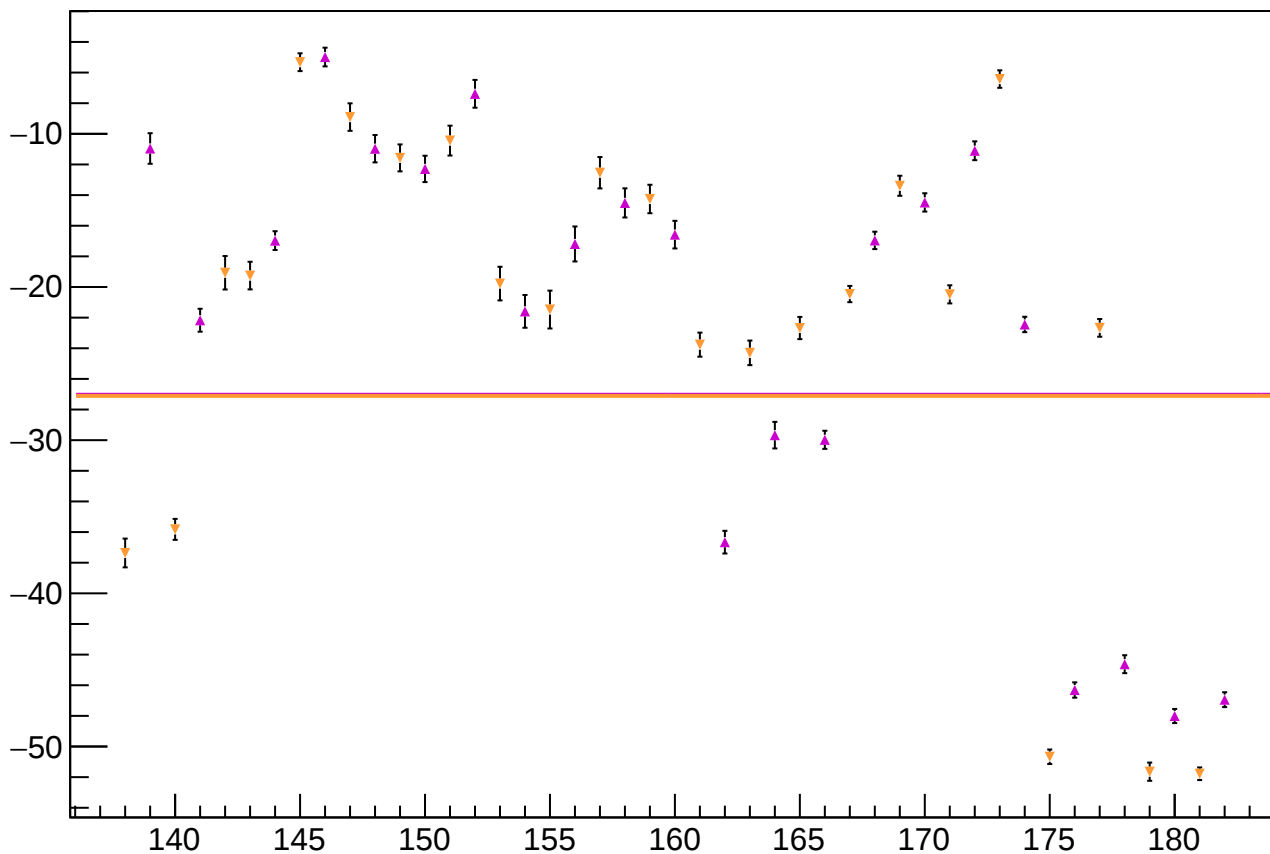
Left In: 0.163 ± 0.003 χ^2/NDF : 2195.9/21

+ sign 0.134 ± 0.003 χ^2/NDF : 2951.7/39

All: 0.138 ± 0.002 χ^2/NDF : 7064.8/80

- sign 0.141 ± 0.003 χ^2/NDF : 4110.0/40

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -27.107+/-0.144 χ^2/NDF :13184.5/22

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

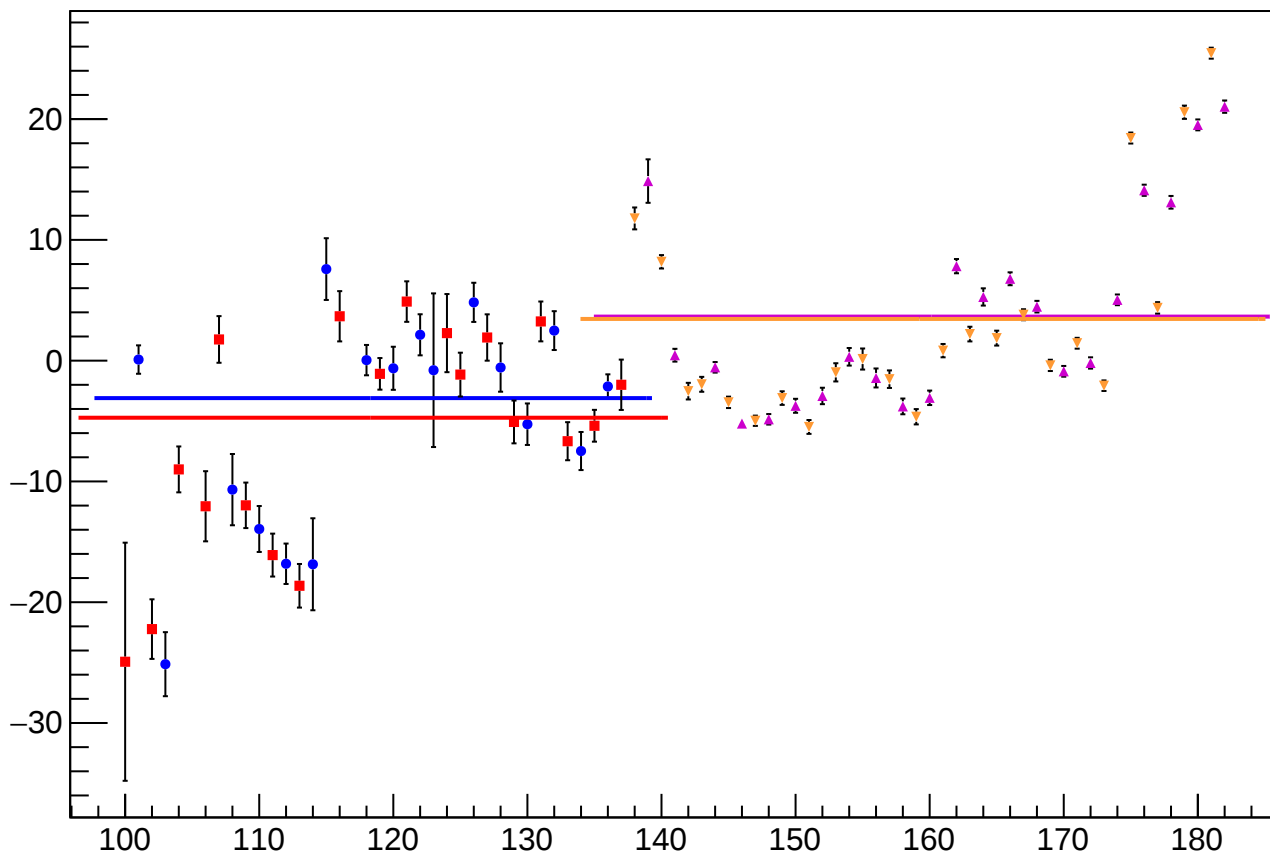
Left In: -27.037+/-0.141 χ^2/NDF :11214.9/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.071+/-0.101 χ^2/NDF : 24399.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.101 ± 0.412 χ^2/NDF : 278.9/16

Left Out: 3.454 ± 0.113 χ^2/NDF : 6225.4/22

Right Out: -4.725 ± 0.427 χ^2/NDF : 296.8/18

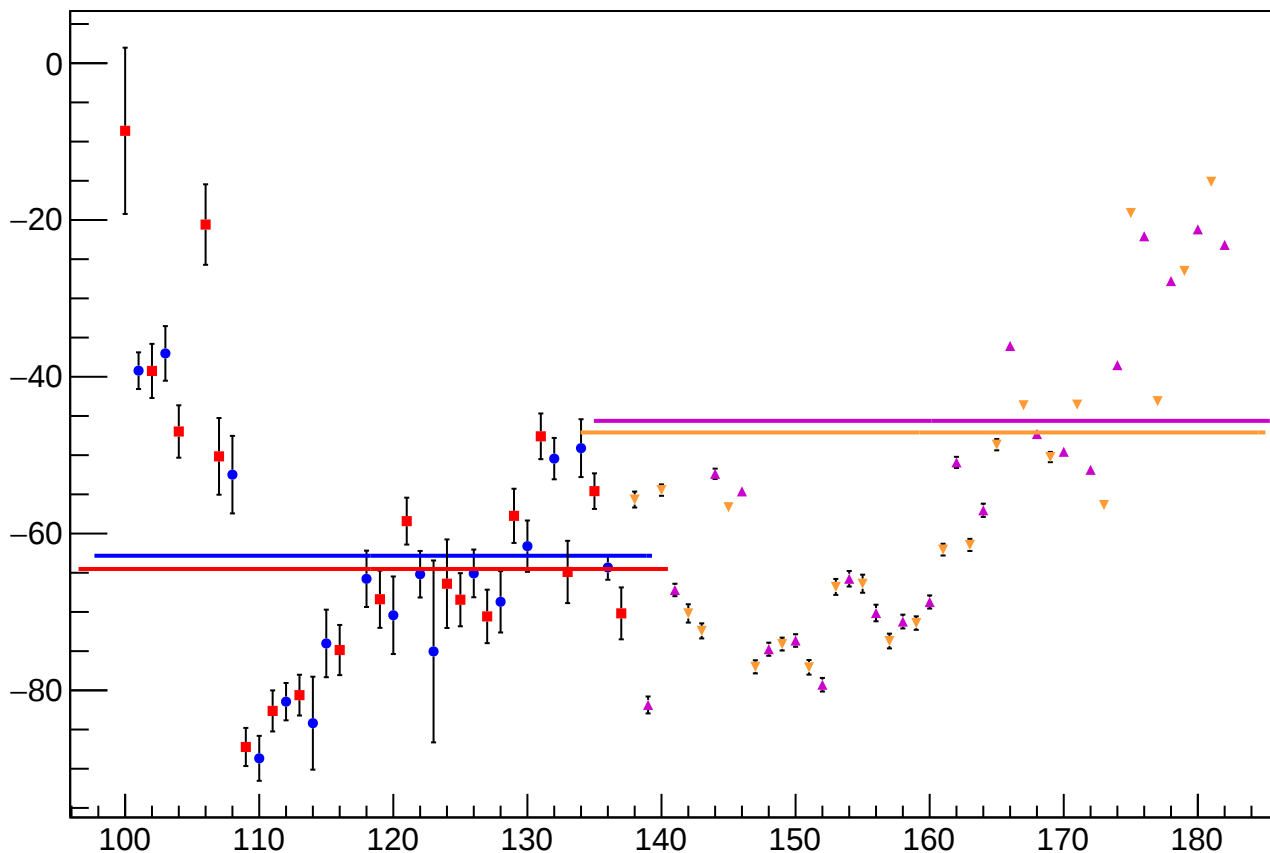
Left In: 3.648 ± 0.112 χ^2/NDF : 5178.2/21

+ sign 2.995 ± 0.109 χ^2/NDF : 6740.1/39

All: 3.052 ± 0.077 χ^2/NDF : 12575.1/80

- sign 3.108 ± 0.108 χ^2/NDF : 5834.4/40

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.830 ± 0.742 χ^2/NDF : 367.7/16

Left Out: -47.103 ± 0.144 χ^2/NDF : 18505.3/22

Right Out: -64.518 ± 0.753 χ^2/NDF : 443.9/18

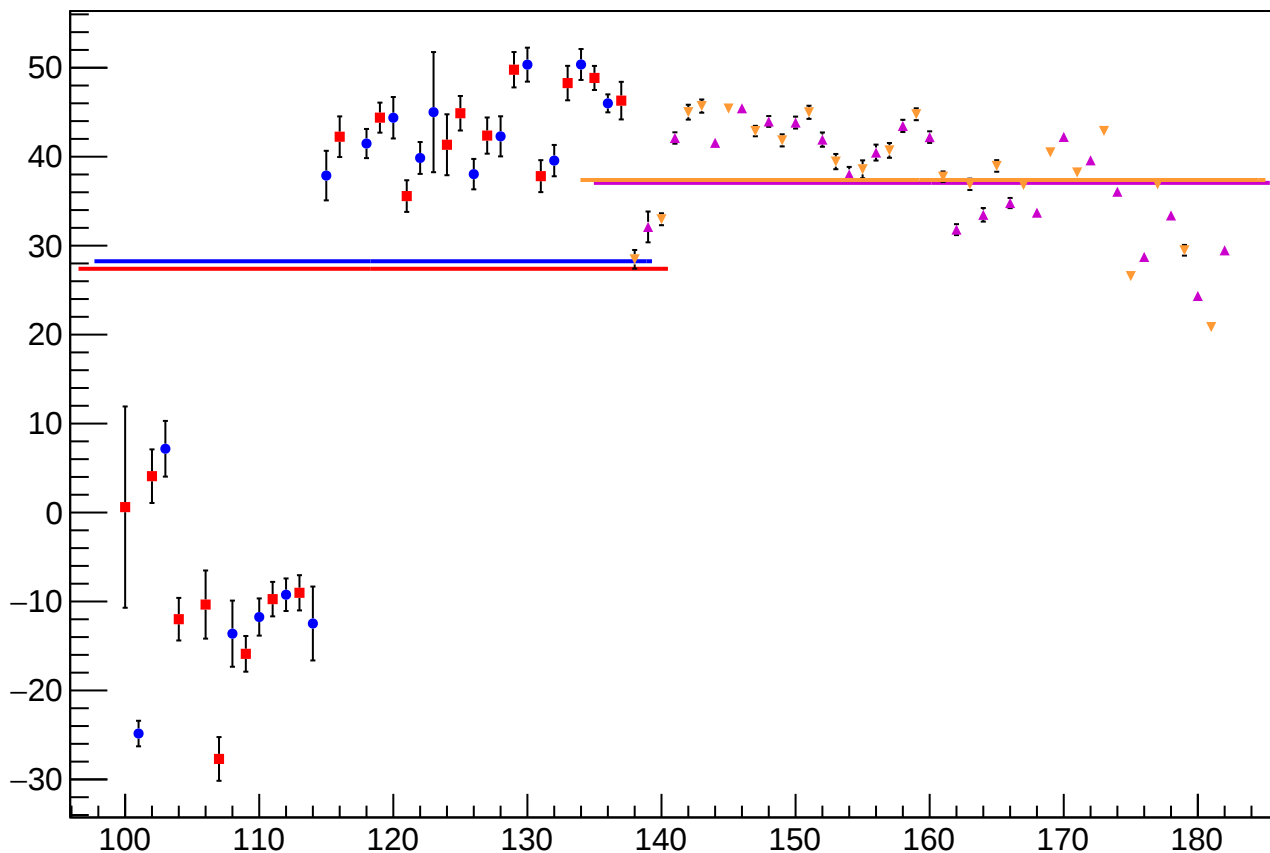
Left In: -45.624 ± 0.141 χ^2/NDF : 17501.5/21

+ sign -47.677 ± 0.142 χ^2/NDF : 19306.1/39

All: -46.958 ± 0.099 χ^2/NDF : 37910.2/80

- sign -46.267 ± 0.139 χ^2/NDF : 18553.5/40

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.247 $\pm$ 0.461 χ^2 /NDF: 3310.9/16

Left Out: 37.382 $\pm$ 0.127 χ^2 /NDF: 2941.0/22

Right Out: 27.400 $\pm$ 0.480 χ^2 /NDF: 3031.5/18

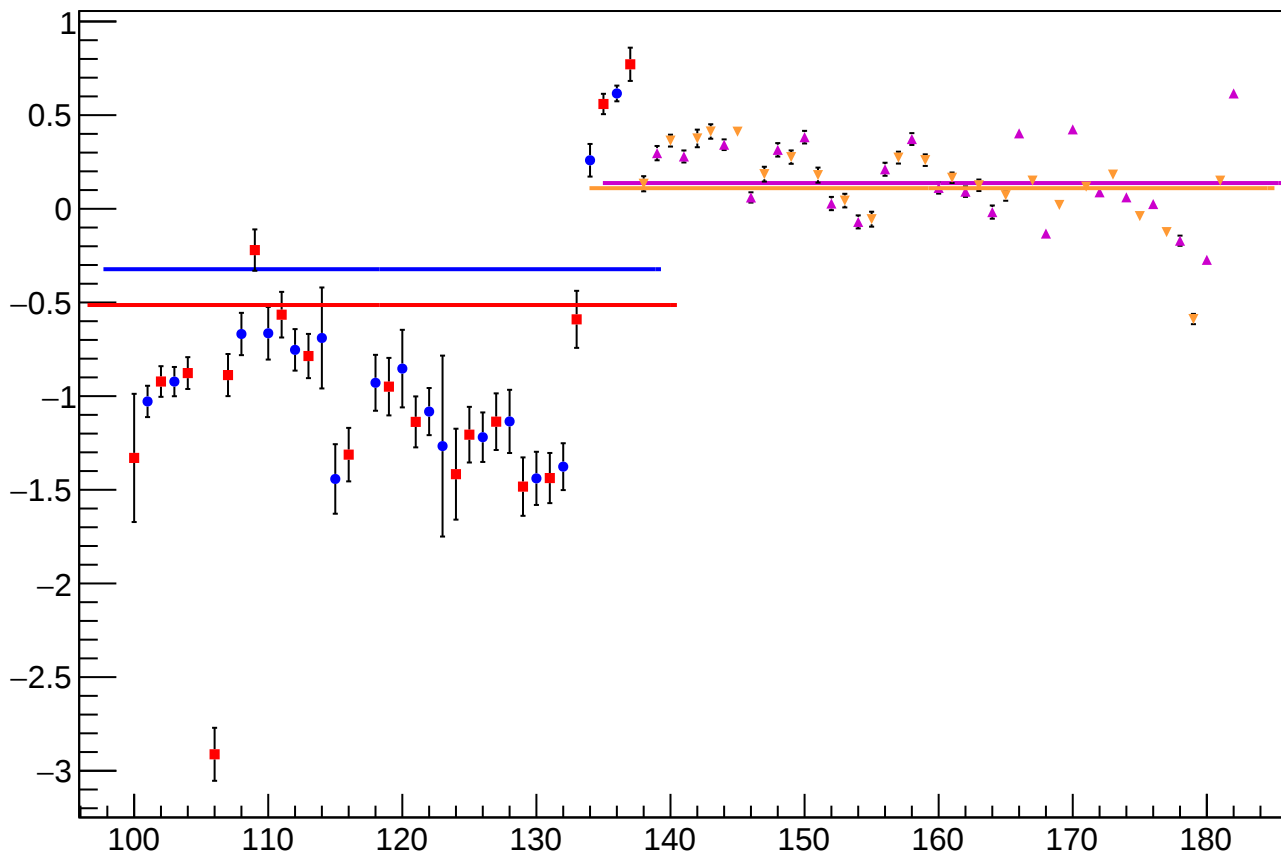
Left In: 37.058 $\pm$ 0.126 χ^2 /NDF: 2396.4/21

+ sign 36.733 $\pm$ 0.123 χ^2 /NDF: 6616.8/39

All: 36.582 $\pm$ 0.087 χ^2 /NDF: 12427.0/80

- sign 36.432 $\pm$ 0.122 χ^2 /NDF: 5807.1/40

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.322 ± 0.025 χ^2/NDF : 1010.1/16

Left Out: 0.110 ± 0.006 χ^2/NDF : 1258.3/22

Right Out: -0.514 ± 0.026 χ^2/NDF : 1159.3/18

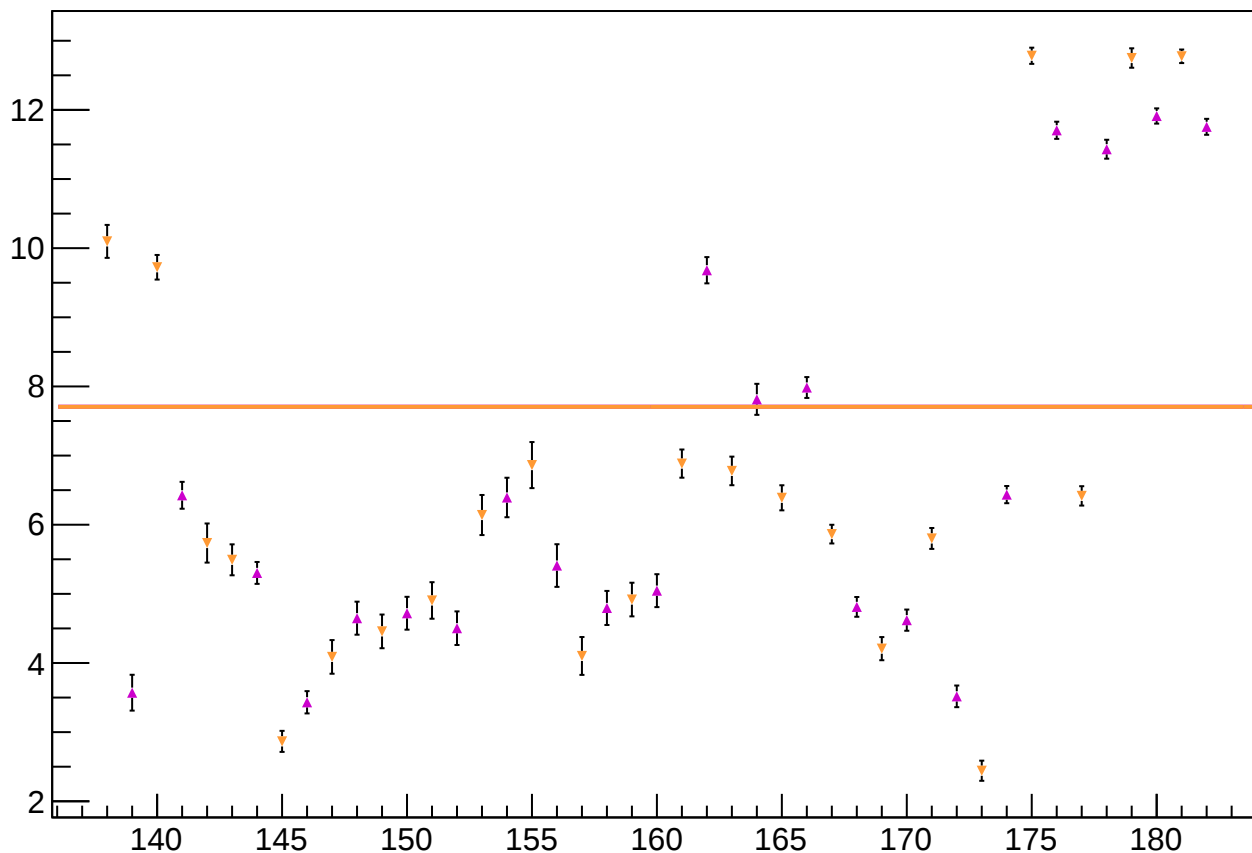
Left In: 0.138 ± 0.006 χ^2/NDF : 1606.2/21

+ sign 0.087 ± 0.006 χ^2/NDF : 2552.7/39

All: 0.097 ± 0.004 χ^2/NDF : 5930.8/80

- sign 0.106 ± 0.006 χ^2/NDF : 3372.7/40

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: 7.705+/-0.036 χ^2/NDF :10342.0/22

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

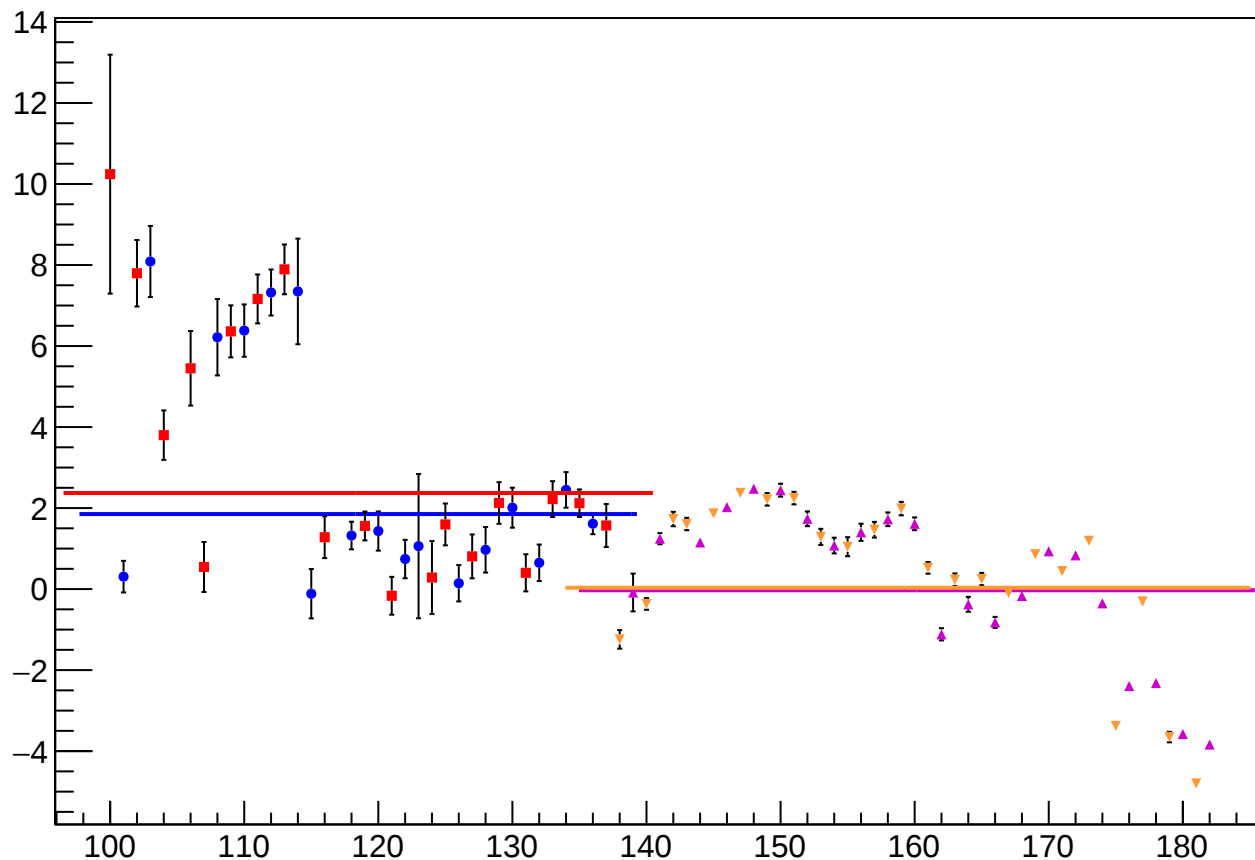
Left In: 7.707+/-0.036 χ^2/NDF :8282.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.706+/-0.025 χ^2/NDF : 18624.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.852 ± 0.117 χ^2/NDF : 293.2/16

Left Out: 0.033 ± 0.029 χ^2/NDF : 5444.3/22

Right Out: 2.372 ± 0.123 χ^2/NDF : 335.5/18

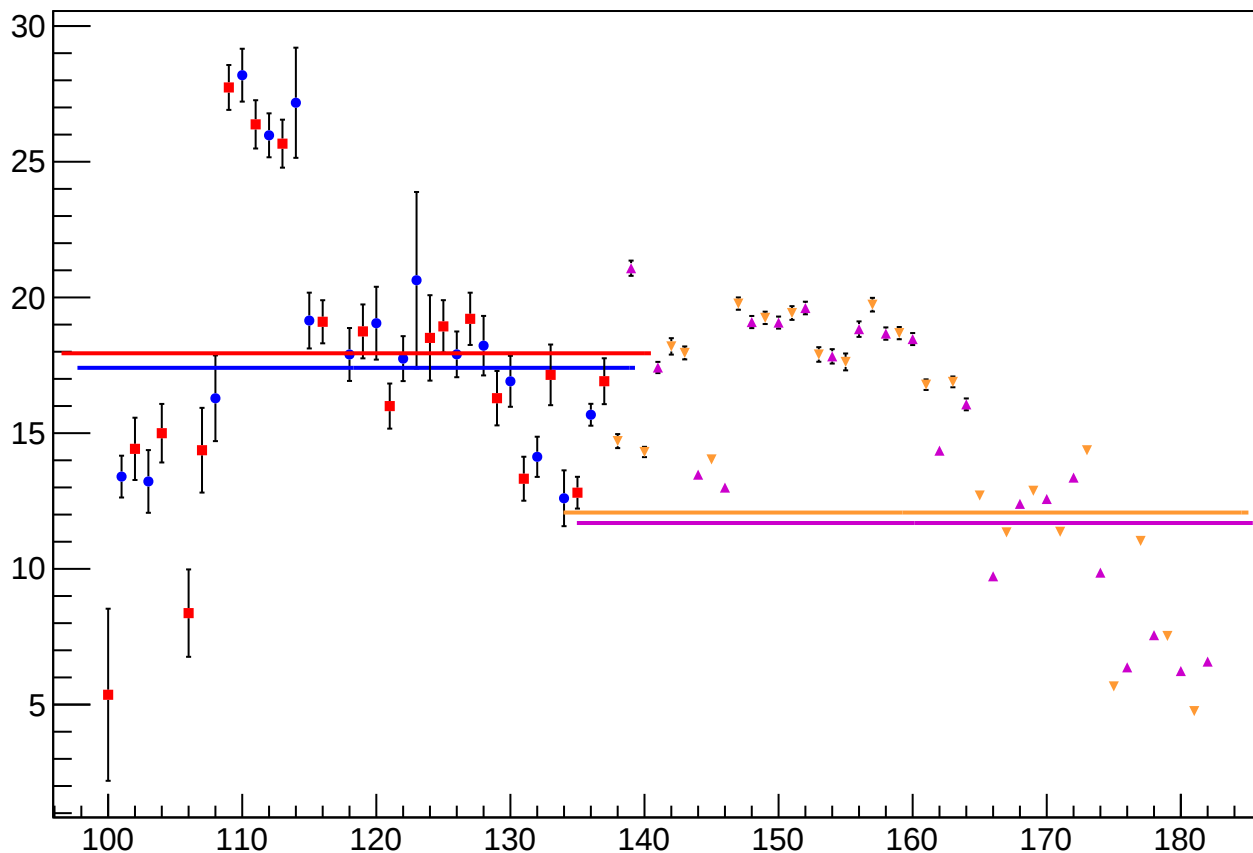
Left In: -0.029 ± 0.029 χ^2/NDF : 4794.8/21

+ sign 0.137 ± 0.028 χ^2/NDF : 5964.3/39

All: 0.115 ± 0.020 χ^2/NDF : 11459.1/80

- sign 0.094 ± 0.028 χ^2/NDF : 5493.6/40

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.407 ± 0.213 χ^2/NDF : 365.3/16

Left Out: 12.075 ± 0.036 χ^2/NDF : 17702.3/22

Right Out: 17.943 ± 0.219 χ^2/NDF : 505.3/18

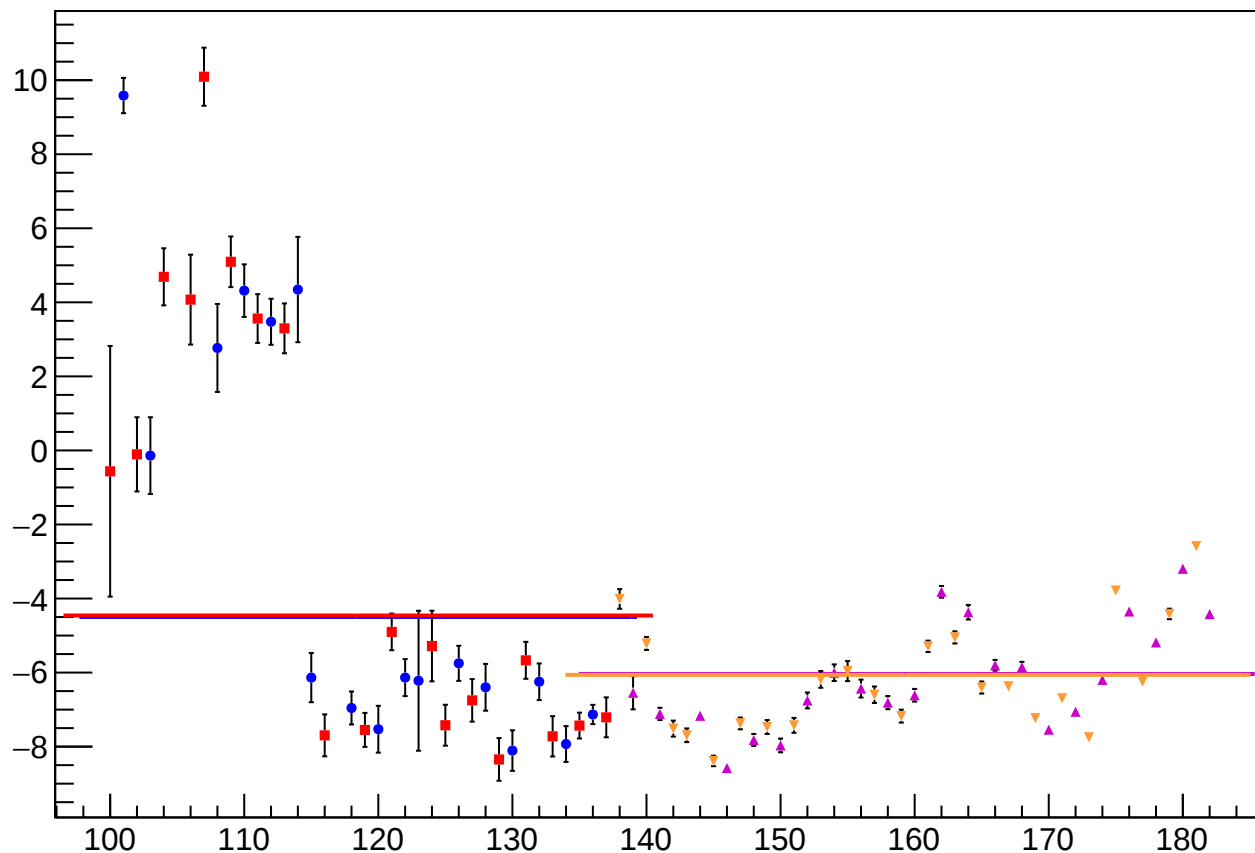
Left In: 11.690 ± 0.036 χ^2/NDF : 16681.0/21

+ sign 12.227 ± 0.036 χ^2/NDF : 18677.1/39

All: 12.035 ± 0.025 χ^2/NDF : 36710.5/80

- sign 11.850 ± 0.035 χ^2/NDF : 17977.3/40

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.497 ± 0.131 χ^2/NDF : 1582.8/16

Left Out: -6.061 ± 0.032 χ^2/NDF : 2475.3/22

Right Out: -4.458 ± 0.137 χ^2/NDF : 1340.5/18

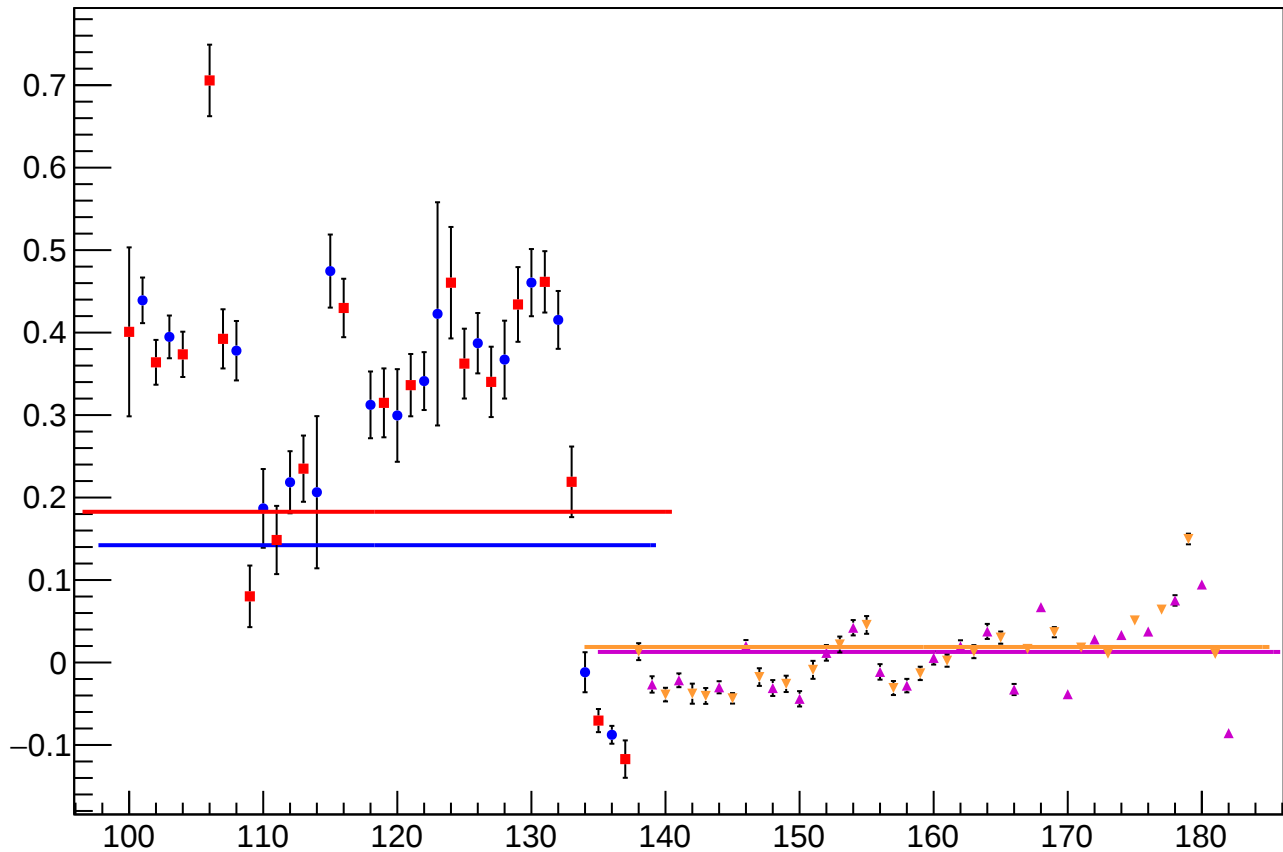
Left In: -6.037 ± 0.032 χ^2/NDF : 2290.7/21

+ sign -5.970 ± 0.031 χ^2/NDF : 4193.3/39

All: -5.963 ± 0.022 χ^2/NDF : 7950.2/80

- sign -5.956 ± 0.031 χ^2/NDF : 3756.7/40

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 $\pm$ 0.007 χ^2 /NDF: 1057.7/16

Left Out: 0.019 $\pm$ 0.001 χ^2 /NDF: 839.0/22

Right Out: 0.183 $\pm$ 0.007 χ^2 /NDF: 999.1/18

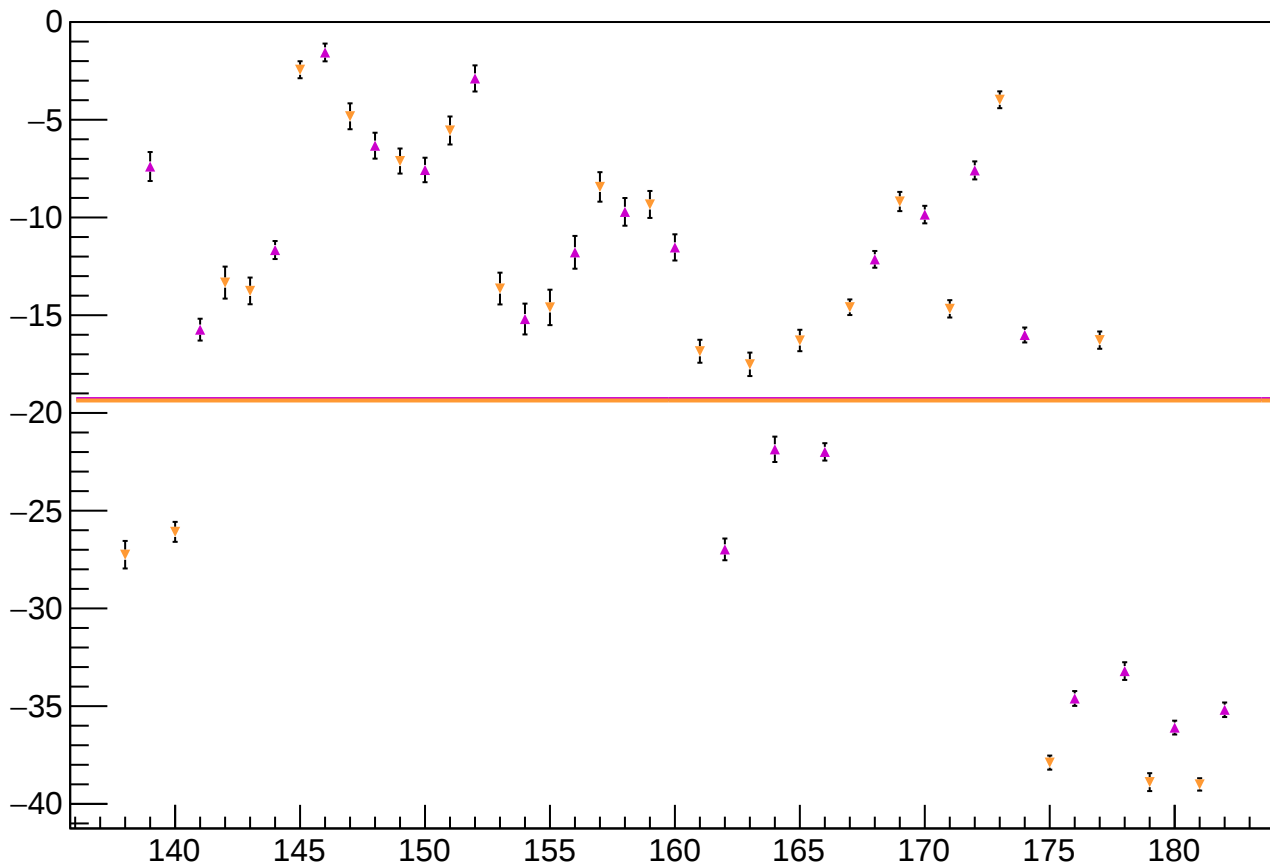
Left In: 0.013 $\pm$ 0.001 χ^2 /NDF: 1056.1/21

+ sign 0.024 $\pm$ 0.001 χ^2 /NDF: 2188.0/39

All: 0.022 $\pm$ 0.001 χ^2 /NDF: 4754.3/80

- sign 0.019 $\pm$ 0.001 χ^2 /NDF: 2560.7/40

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.363+/-0.108 χ^2/NDF :14024.5/22

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

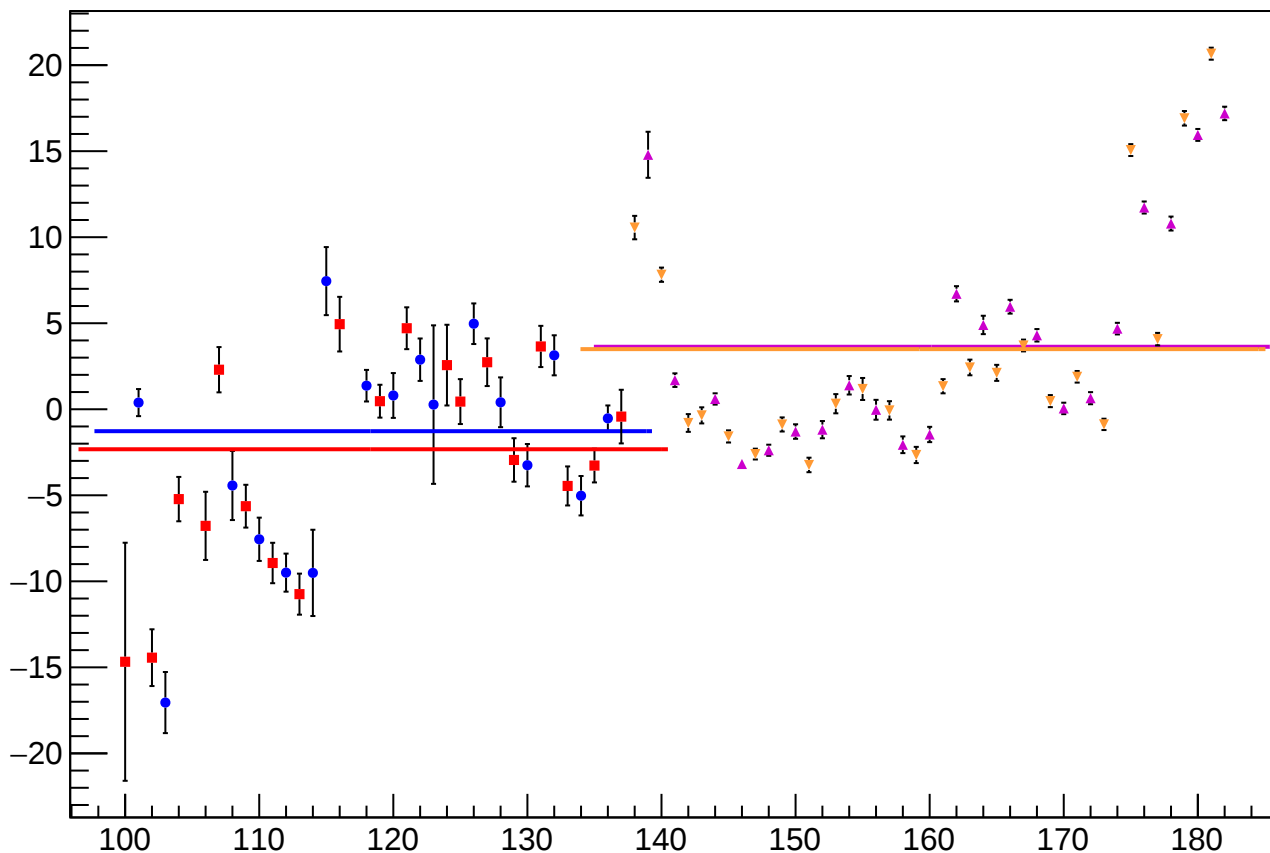
Left In: -19.290+/-0.106 χ^2/NDF :12183.3/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.325+/-0.076 χ^2/NDF : 26208.1/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.274 ± 0.293 χ^2/NDF : 276.5/16

Left Out: 3.495 ± 0.085 χ^2/NDF : 6418.1/22

Right Out: -2.325 ± 0.303 χ^2/NDF : 284.4/18

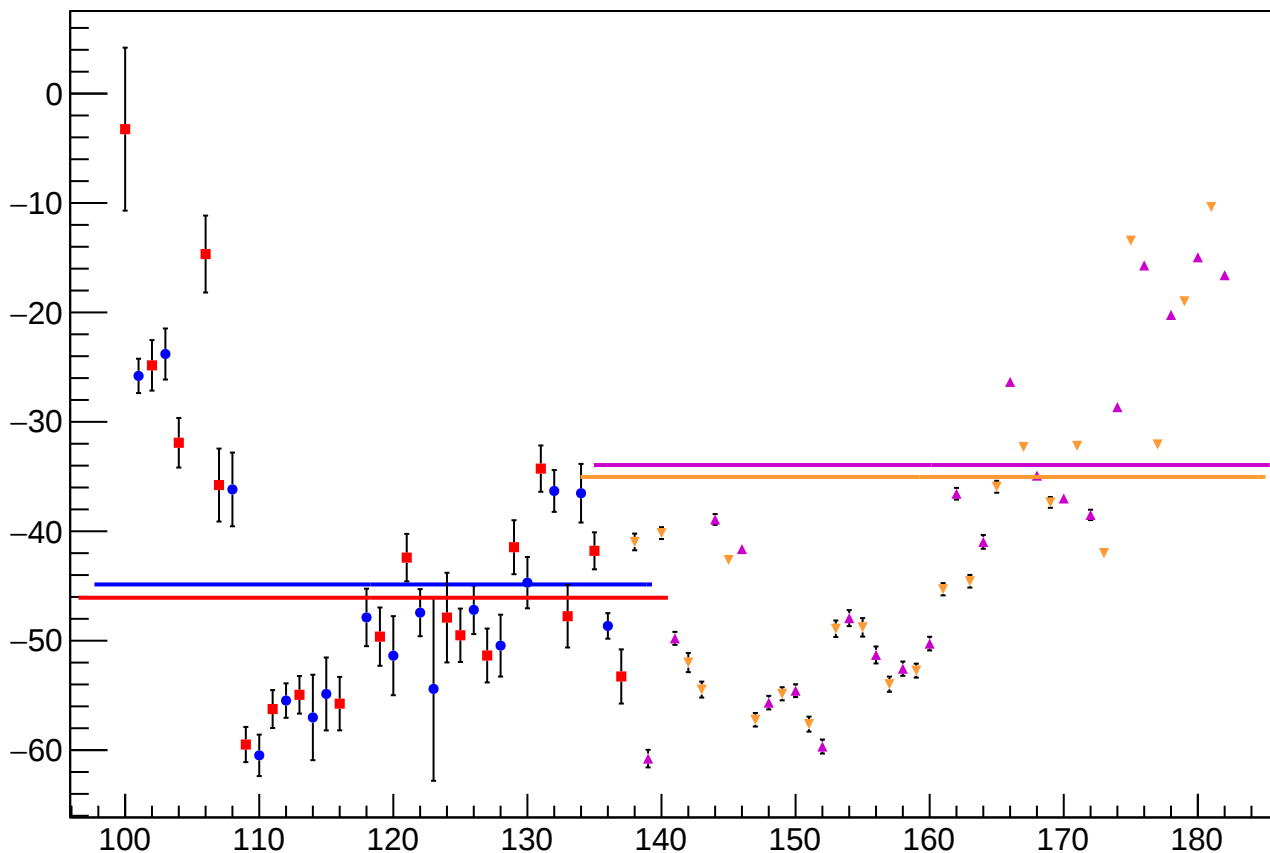
Left In: 3.632 ± 0.084 χ^2/NDF : 5253.9/21

+ sign 3.126 ± 0.081 χ^2/NDF : 6939.4/39

All: 3.165 ± 0.057 χ^2/NDF : 12837.5/80

- sign 3.204 ± 0.081 χ^2/NDF : 5897.7/40

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.859 ± 0.525 χ^2/NDF : 420.2/16

Left Out: -35.036 ± 0.109 χ^2/NDF : 18528.2/22

Right Out: -46.073 ± 0.529 χ^2/NDF : 453.9/18

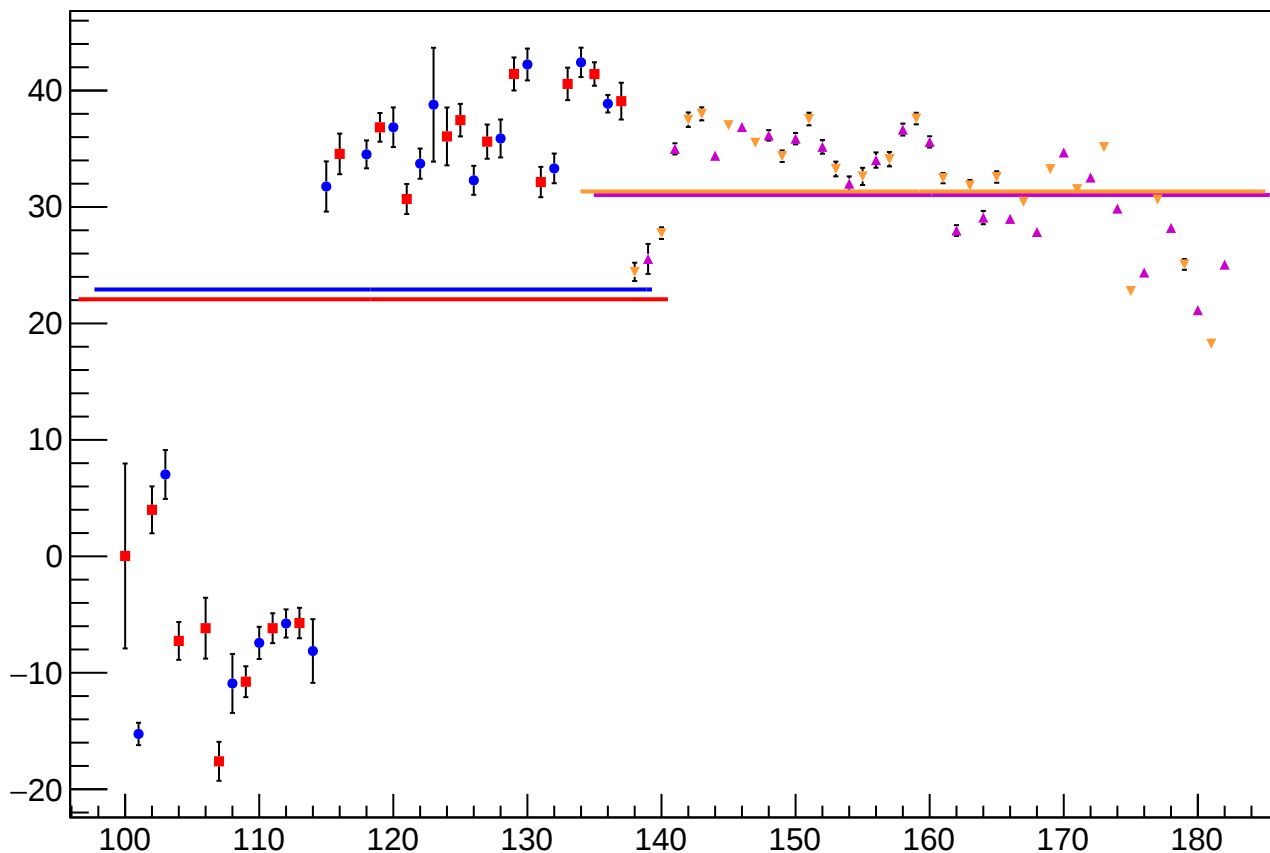
Left In: -33.948 ± 0.106 χ^2/NDF : 17616.5/21

+ sign -35.439 ± 0.106 χ^2/NDF : 19283.9/39

All: -34.919 ± 0.074 χ^2/NDF : 37905.3/80

- sign -34.419 ± 0.104 χ^2/NDF : 18574.5/40

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.917 $\pm$ 0.329 χ^2 /NDF: 4317.2/16

Left Out: 31.335 $\pm$ 0.096 χ^2 /NDF:3133.5/22

Right Out: 22.078 $\pm$ 0.341 χ^2 /NDF: 4029.9/18

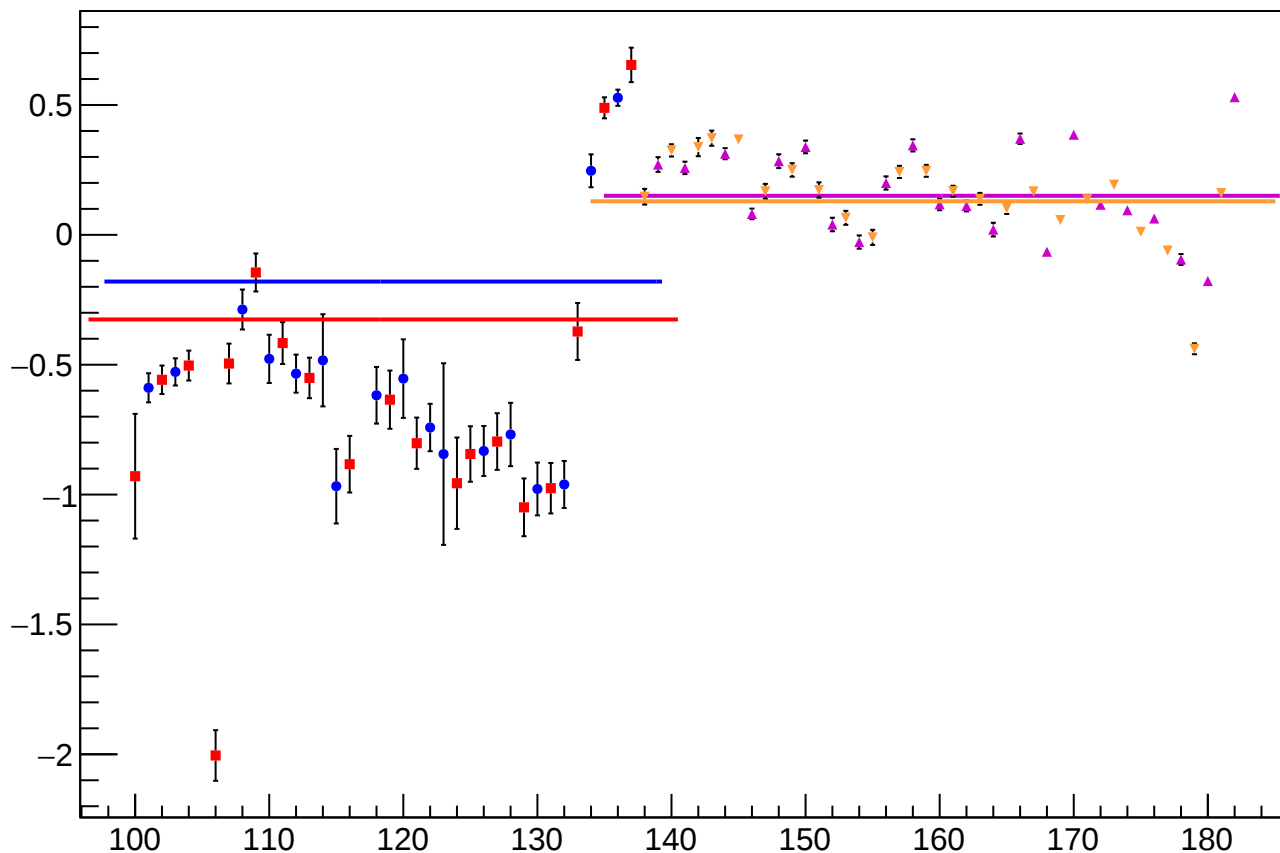
Left In: 31.030 $\pm$ 0.095 χ^2 /NDF:2479.5/21

+ sign 30.676 $\pm$ 0.092 χ^2 /NDF: 8055.4/39

All: 30.530 $\pm$ 0.065 χ^2 /NDF: 15211.1/80

- sign 30.385 $\pm$ 0.091 χ^2 /NDF: 7150.6/40

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.2/16

Left Out: 0.129 ± 0.004 χ^2/NDF : 1396.3/22

Right Out: -0.326 ± 0.018 χ^2/NDF : 1174.1/18

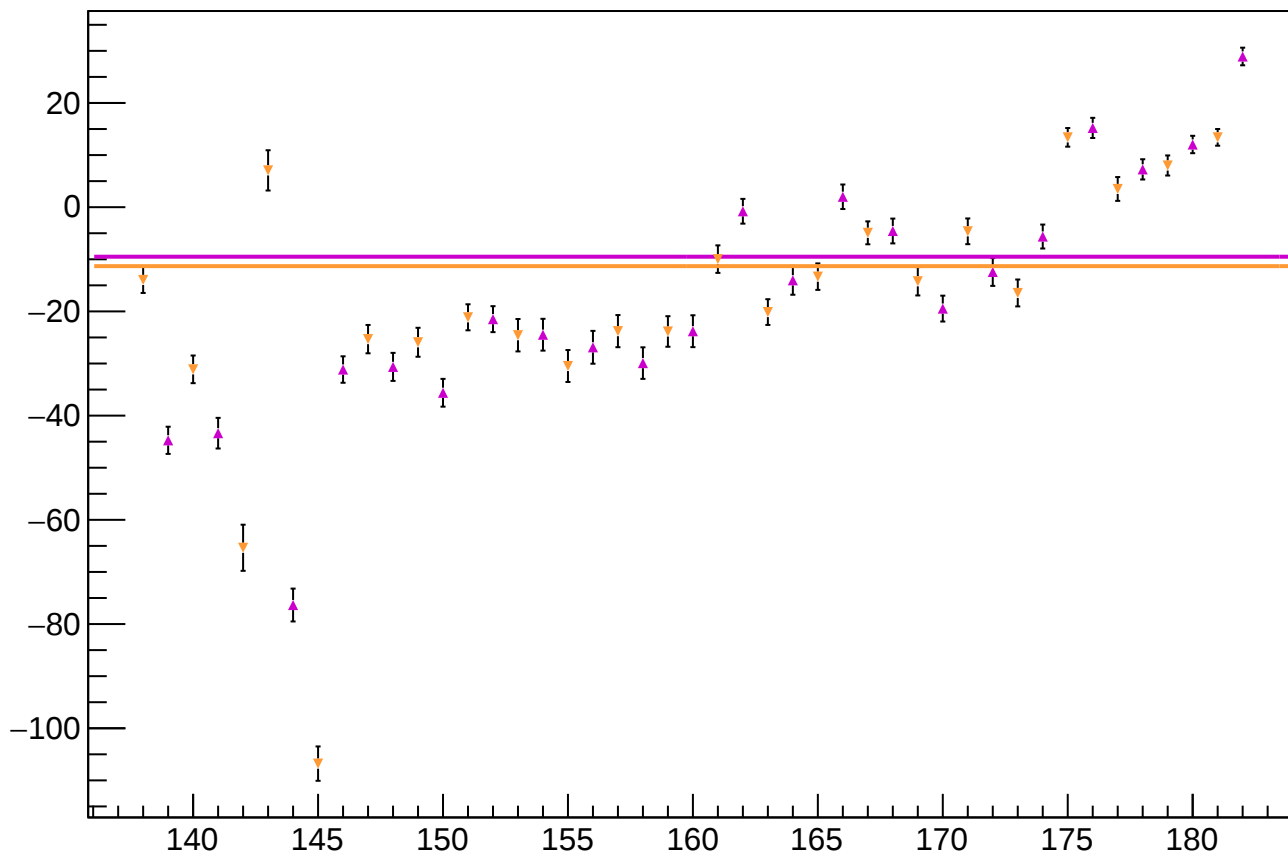
Left In: 0.150 ± 0.004 χ^2/NDF : 1802.6/21

+ sign 0.111 ± 0.004 χ^2/NDF : 2675.8/39

All: 0.118 ± 0.003 χ^2/NDF : 6304.0/80

- sign 0.125 ± 0.004 χ^2/NDF : 3623.2/40

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -11.316+/-0.523 χ^2 /NDF:1834.7/22

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

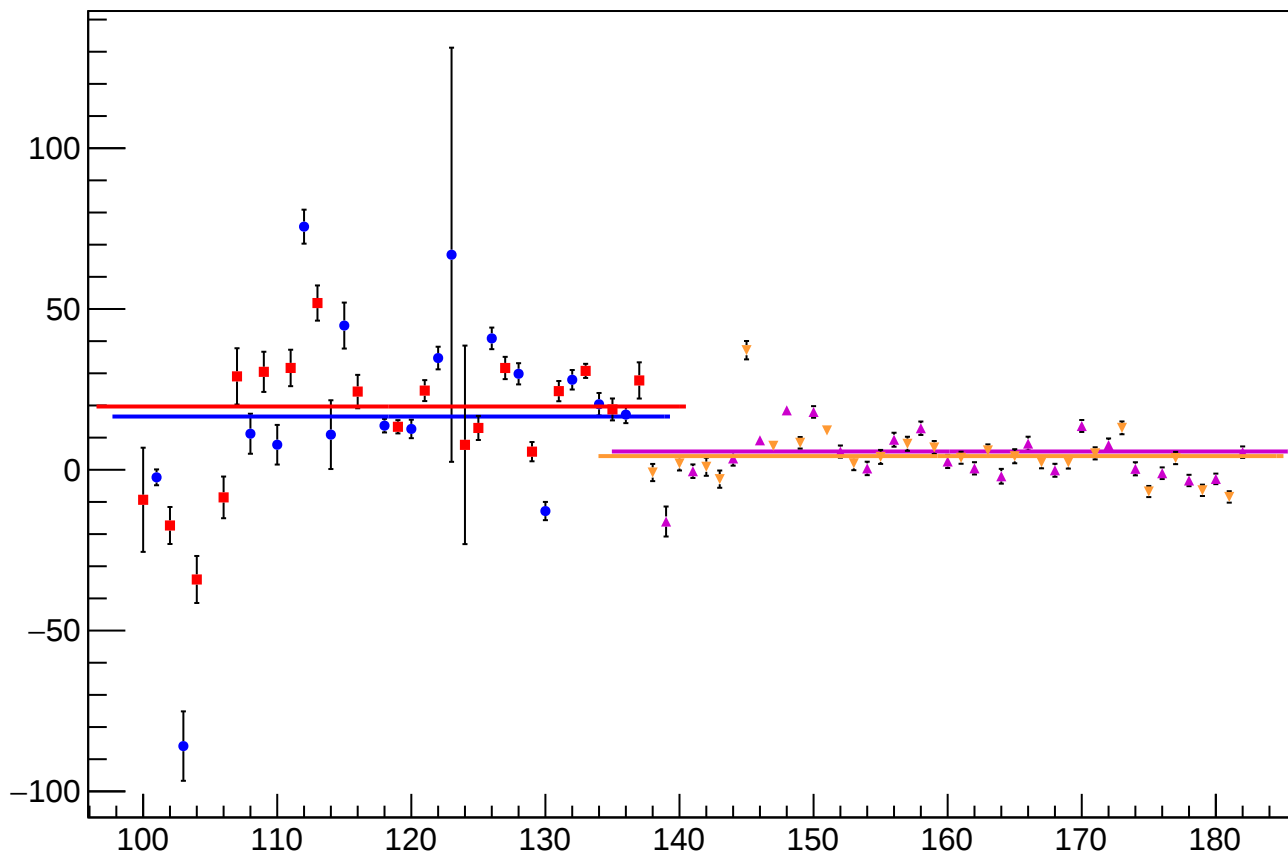
Left In: -9.504+/-0.514 χ^2 /NDF:2124.9/21

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -10.394+/-0.367 χ^2 /NDF: 3965.6/44

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.559 ± 0.860 $\chi^2/\text{NDF}: 514.9/16$

Left Out: 4.255 ± 0.404 $\chi^2/\text{NDF}: 345.9/22$

Right Out: 19.678 ± 0.898 $\chi^2/\text{NDF}: 240.6/18$

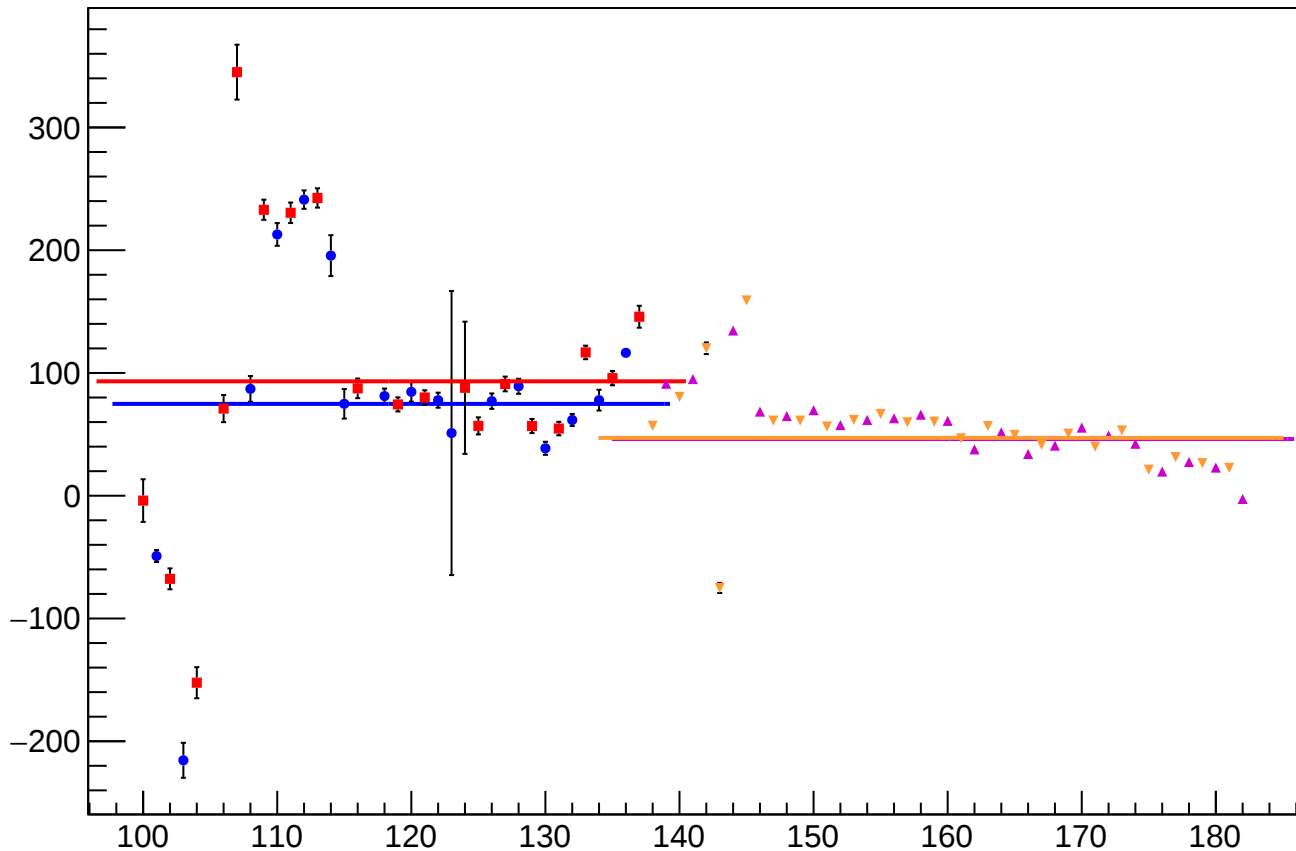
Left In: 5.693 ± 0.408 $\chi^2/\text{NDF}: 324.0/21$

+ sign 6.480 ± 0.366 $\chi^2/\text{NDF}: 1028.6/39$

All: 7.270 ± 0.261 $\chi^2/\text{NDF}: 1803.8/80$

- sign 8.085 ± 0.371 $\chi^2/\text{NDF}: 765.8/40$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 74.816+/-1.649 χ^2/NDF : 1994.3/16

Left Out: 47.110+/-0.520 χ^2/NDF : 3156.5/22

Right Out: 93.209+/-1.715 χ^2/NDF : 2001.2/18

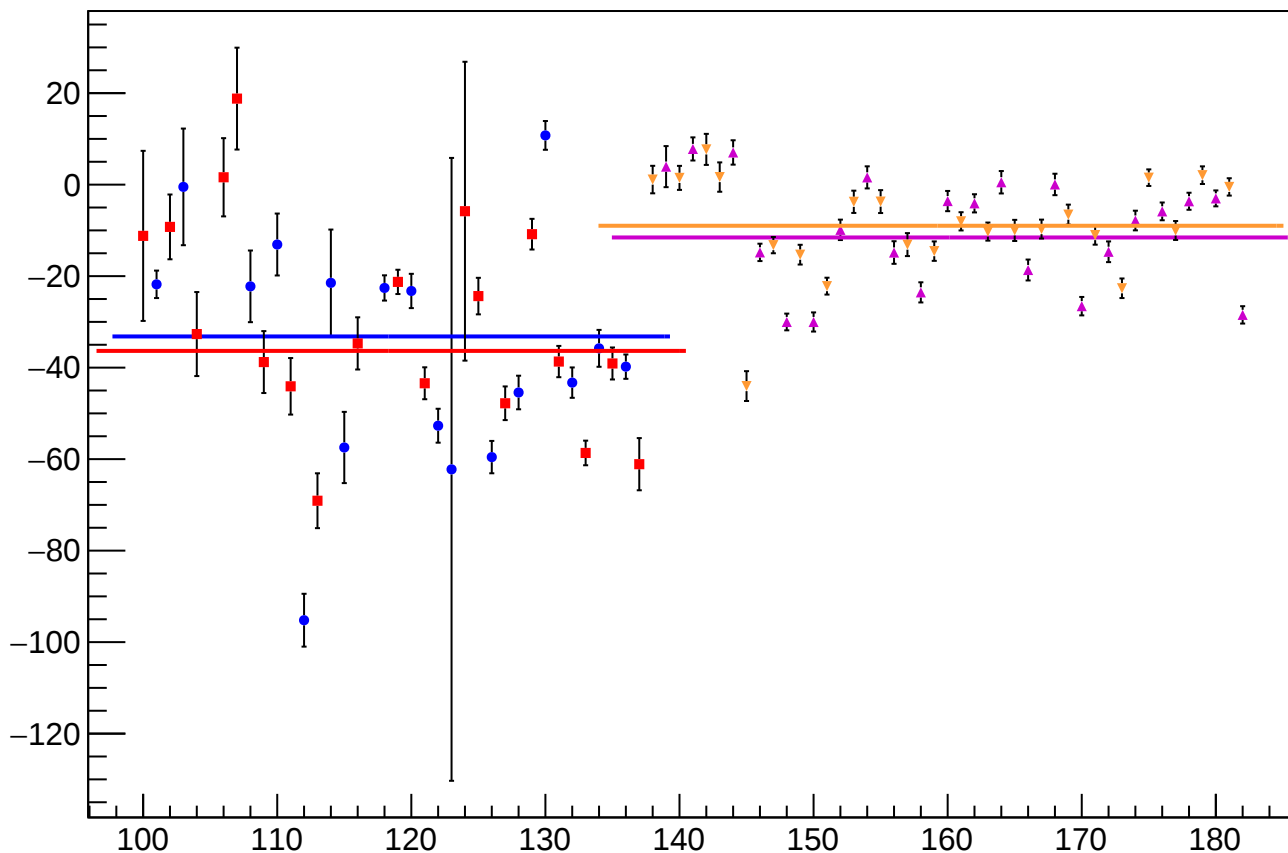
Left In: 46.202+/-0.511 χ^2/NDF : 2899.2/21

+ sign 49.615+/-0.496 χ^2/NDF : 5407.5/39

All: 49.826+/-0.348 χ^2/NDF : 10998.1/80

- sign 50.031+/-0.490 χ^2/NDF : 5590.3/40

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.182 ± 0.984 χ^2/NDF : 485.4/16

Left Out: -8.987 ± 0.459 χ^2/NDF : 392.7/22

Right Out: -36.341 ± 1.026 χ^2/NDF : 295.1/18

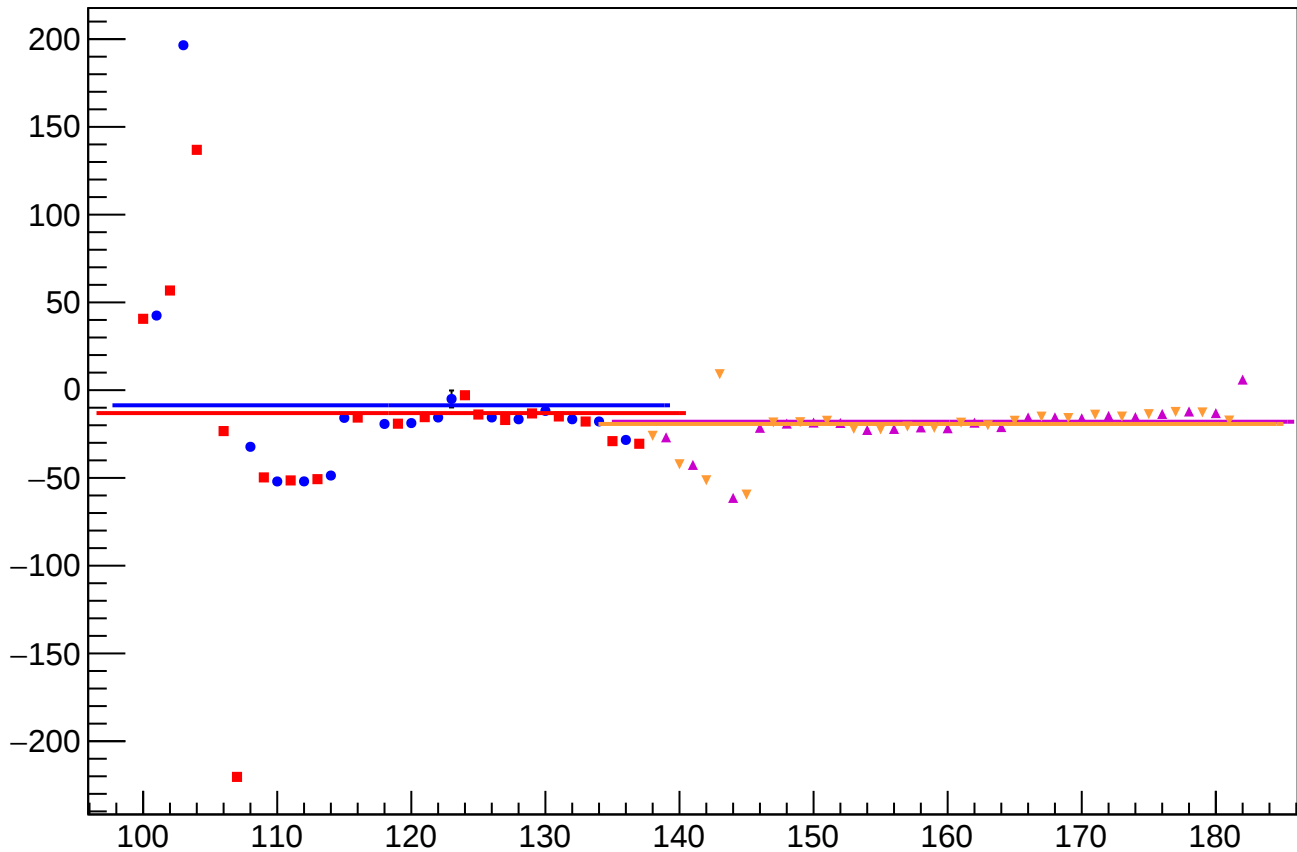
Left In: -11.546 ± 0.461 χ^2/NDF : 640.1/21

+ sign -13.320 ± 0.416 χ^2/NDF : 1374.8/39

All: -14.501 ± 0.296 χ^2/NDF : 2812.2/80

- sign -15.704 ± 0.420 χ^2/NDF : 1421.2/40

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.630 ± 0.059 χ^2/NDF : 575559.8/16

Left Out: -19.253 ± 0.021 χ^2/NDF : 213985.3/22

Right Out: -13.064 ± 0.062 χ^2/NDF : 558310.5/18

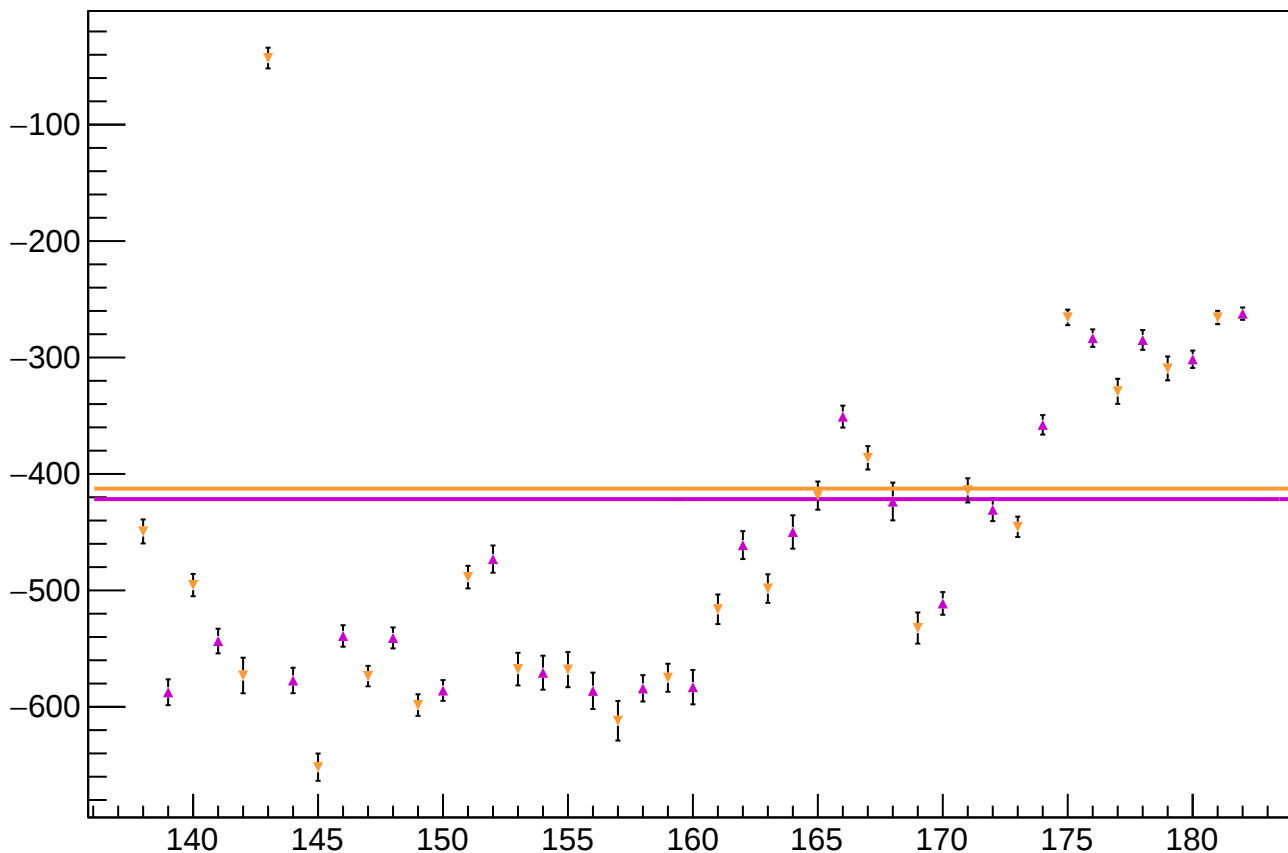
Left In: -17.989 ± 0.021 χ^2/NDF : 233287.0/21

+ sign -18.044 ± 0.020 χ^2/NDF : 818134.1/39

All: -17.762 ± 0.014 χ^2/NDF : 1615804.4/80

- sign -17.485 ± 0.020 χ^2/NDF : 797274.5/40

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -412.562+/-2.092 χ^2/NDF : 5217.6/22

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

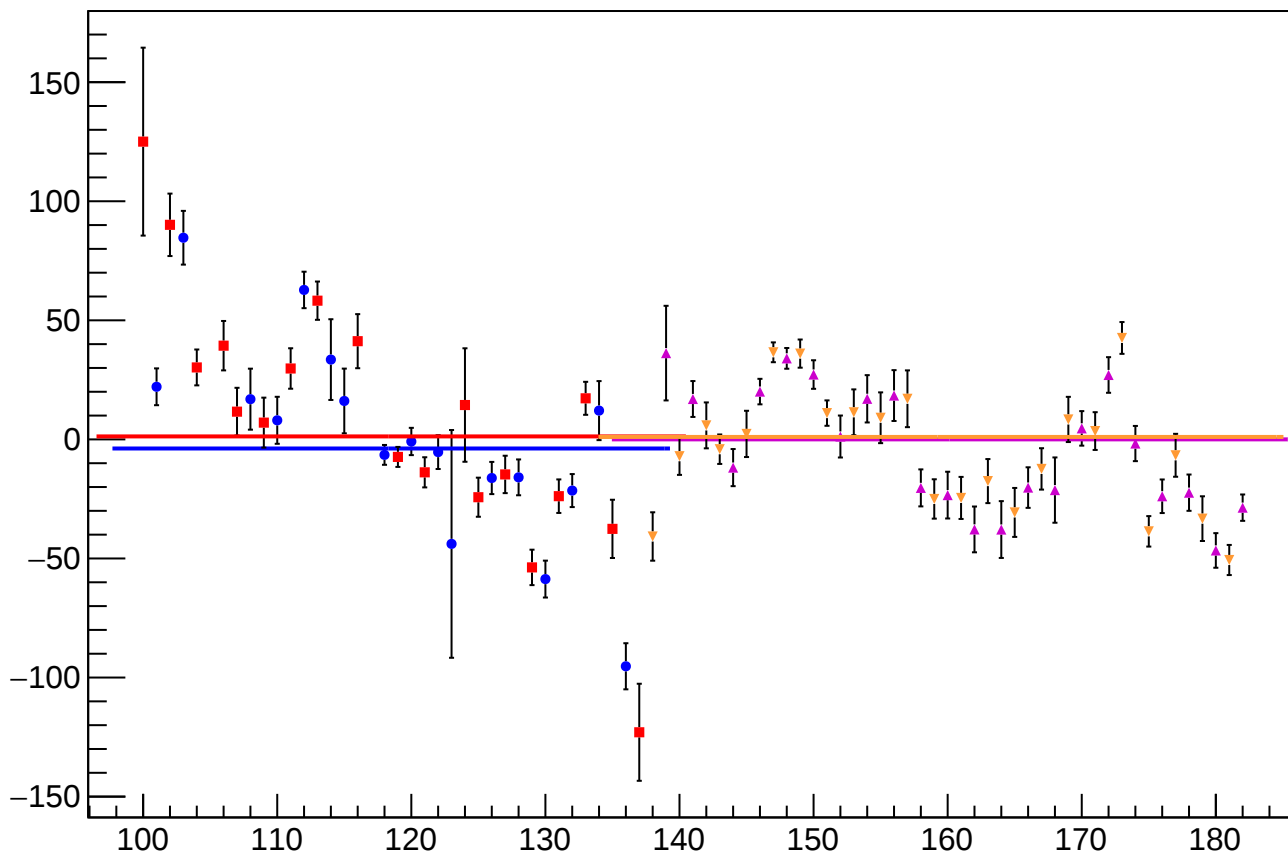
Left In: -421.610+/-2.050 χ^2/NDF : 3774.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -417.179+/-1.464 χ^2/NDF : 9001.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.821 ± 1.927 χ^2/NDF : 314.4/16

Left Out: 1.032 ± 1.570 χ^2/NDF : 326.9/22

Right Out: 1.253 ± 1.917 χ^2/NDF : 303.3/18

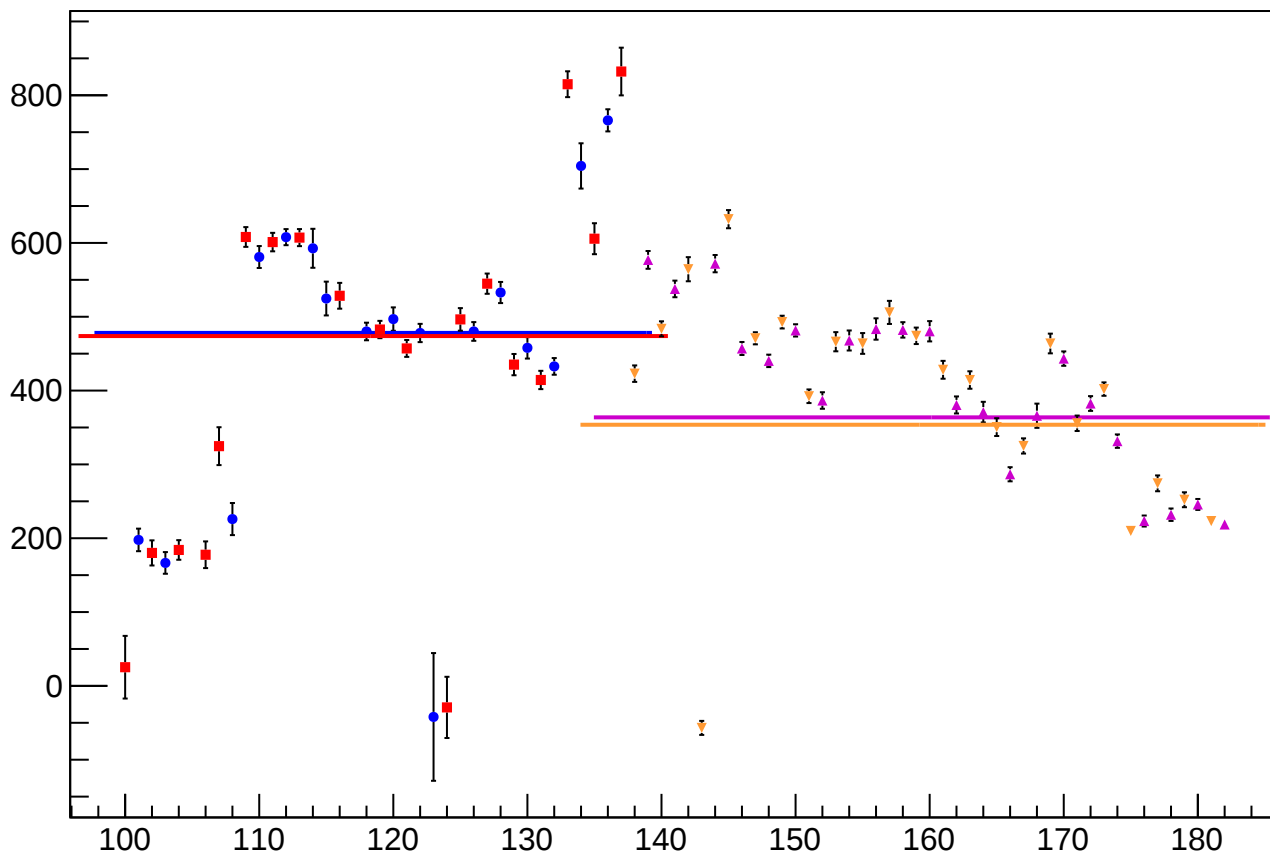
Left In: 0.010 ± 1.597 χ^2/NDF : 260.2/21

+ sign -0.904 ± 1.217 χ^2/NDF : 645.0/39

All: -0.198 ± 0.864 χ^2/NDF : 1209.4/80

- sign 0.519 ± 1.227 χ^2/NDF : 563.7/40

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.121+/-3.670 χ^2/NDF : 1627.6/16

Left Out: 353.718+/-2.091 χ^2/NDF : 4847.7/22

Right Out: 473.847+/-3.538 χ^2/NDF : 2285.5/18

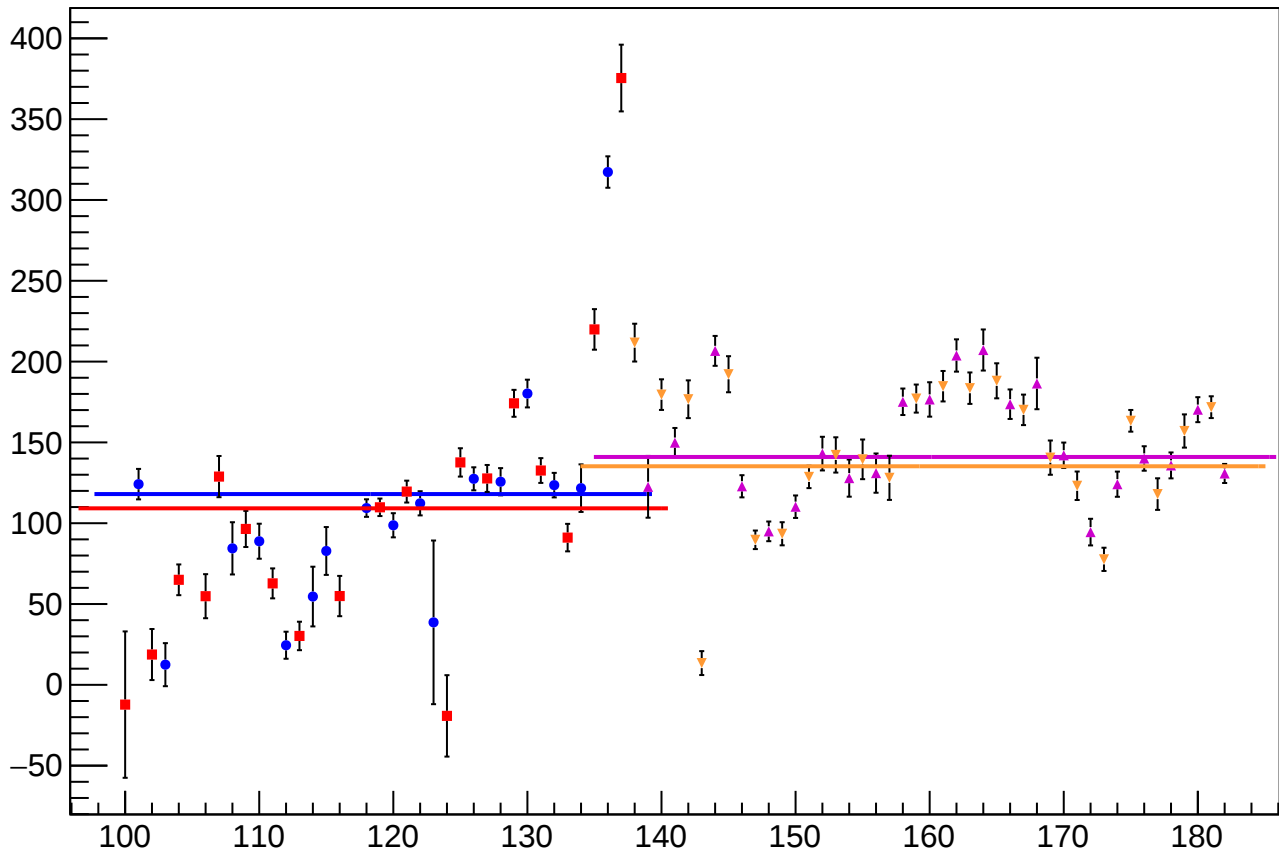
Left In: 363.721+/-2.044 χ^2/NDF : 3296.4/21

+ sign 384.198+/-1.817 χ^2/NDF : 7342.5/39

All: 387.829+/-1.268 χ^2/NDF : 13658.9/80

- sign 391.273+/-1.770 χ^2/NDF : 6308.6/40

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.036 ± 2.231 $\chi^2/\text{NDF}: 705.1/16$

Left Out: 135.231 ± 1.816 $\chi^2/\text{NDF}: 707.0/22$

Right Out: 109.208 ± 2.209 $\chi^2/\text{NDF}: 568.1/18$

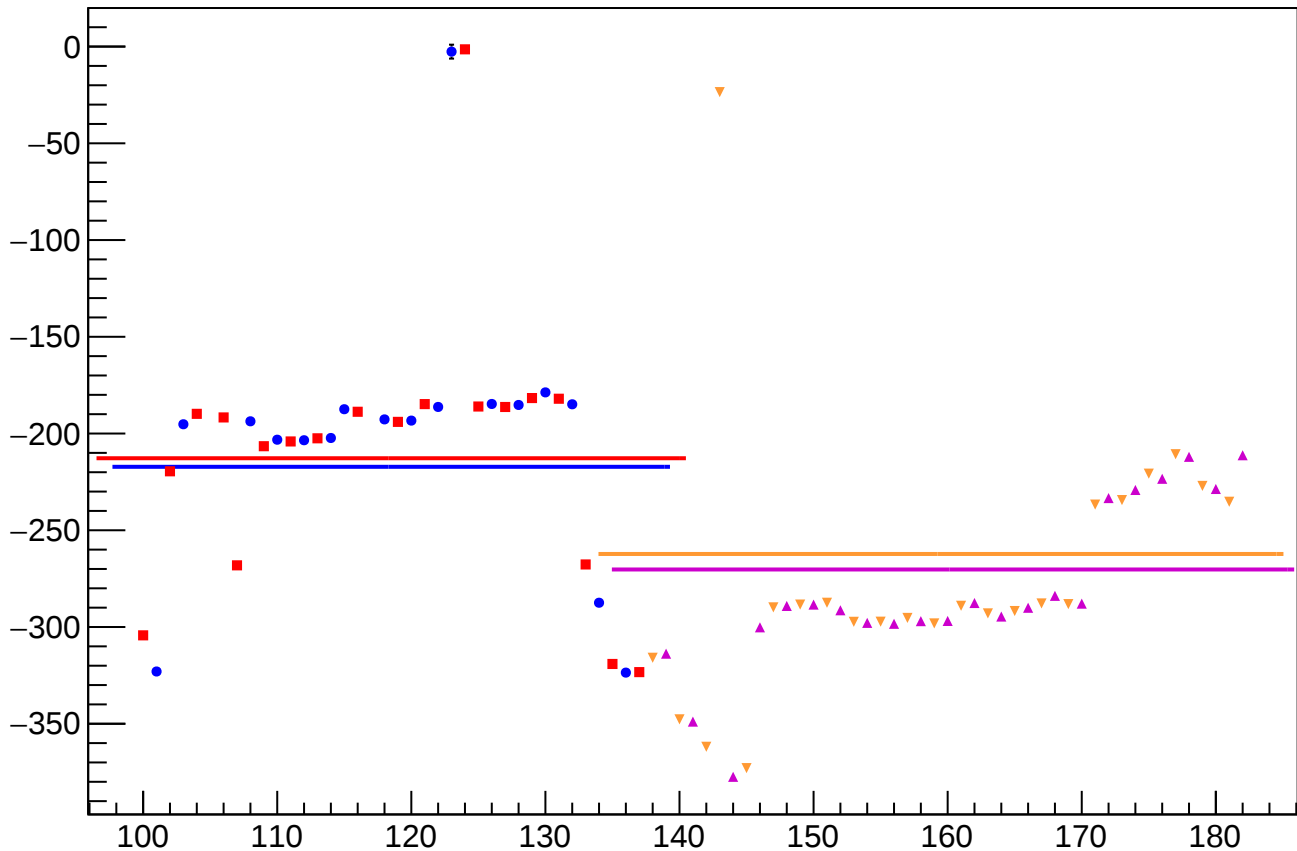
Left In: 140.994 ± 1.824 $\chi^2/\text{NDF}: 308.3/21$

+ sign 128.377 ± 1.408 $\chi^2/\text{NDF}: 1447.8/39$

All: 128.244 ± 0.995 $\chi^2/\text{NDF}: 2447.4/80$

- sign 128.112 ± 1.406 $\chi^2/\text{NDF}: 999.5/40$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.198 ± 0.137 $\chi^2/\text{NDF}: 146444.6/16$

Left Out: -262.250 ± 0.087 $\chi^2/\text{NDF}: 631662.8/22$

Right Out: -212.772 ± 0.130 $\chi^2/\text{NDF}: 115507.3/18$

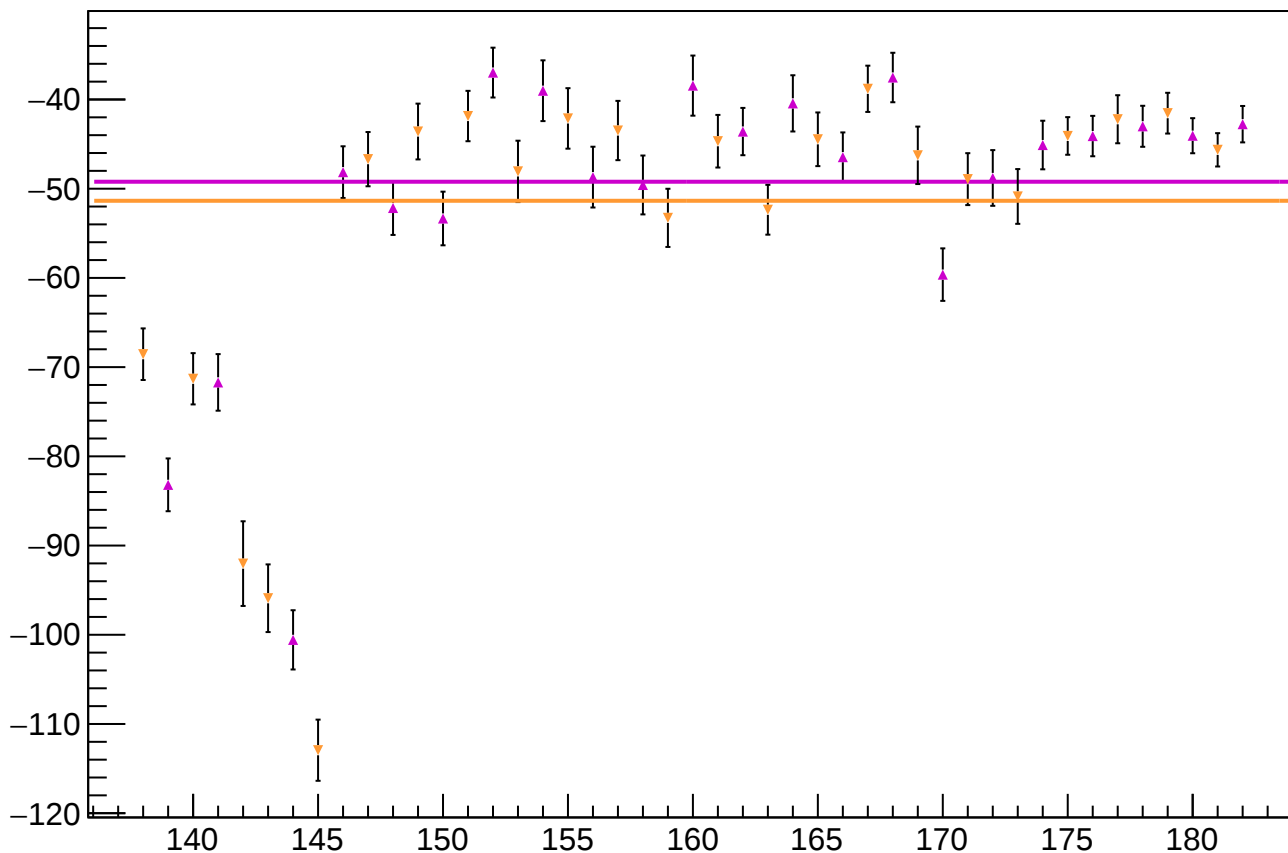
Left In: -270.267 ± 0.085 $\chi^2/\text{NDF}: 248277.8/21$

+ sign -249.276 ± 0.073 $\chi^2/\text{NDF}: 855335.8/39$

All: -251.229 ± 0.051 $\chi^2/\text{NDF}: 1356856.6/80$

- sign -253.071 ± 0.071 $\chi^2/\text{NDF}: 500145.3/40$

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -51.354 ± 0.598 χ^2/NDF : 740.2/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

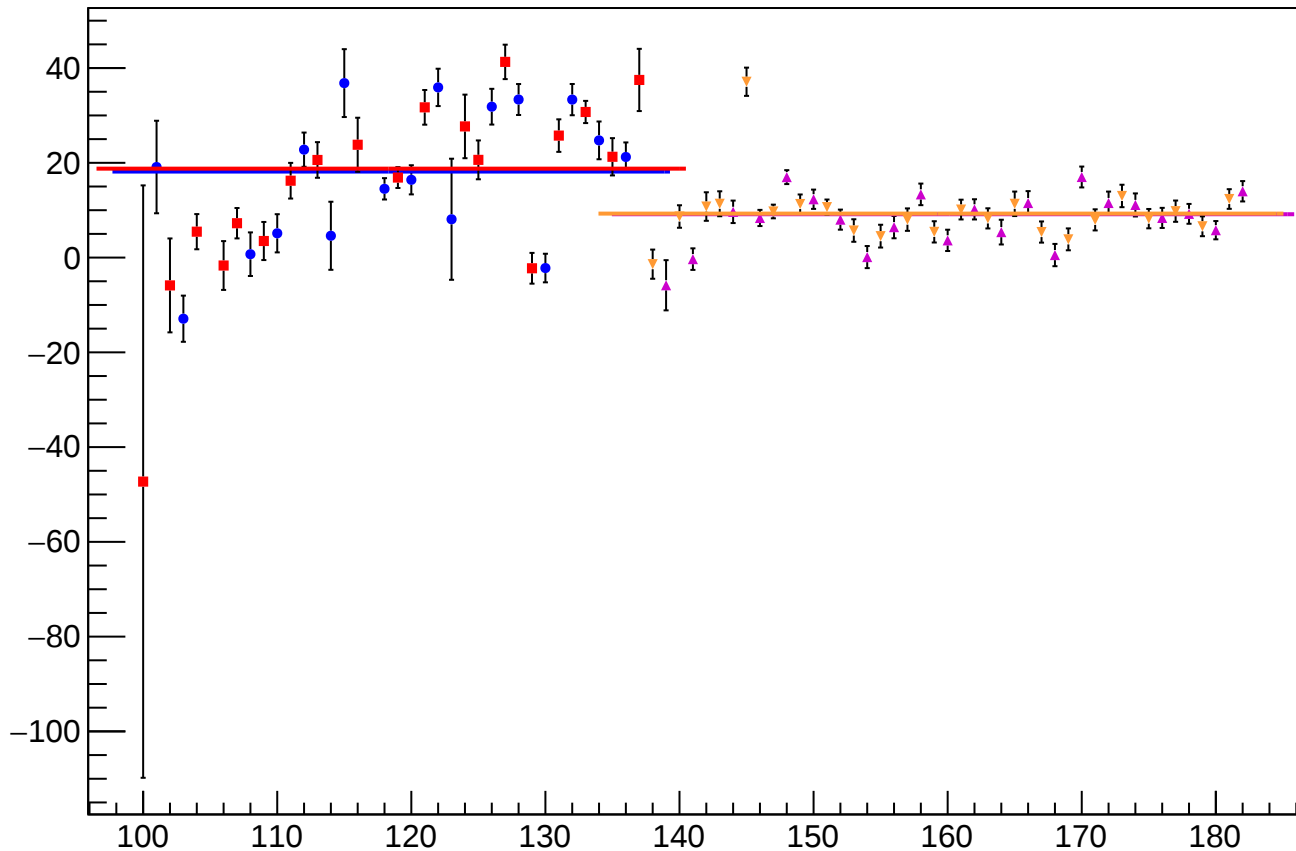
Left In: -49.219 ± 0.591 χ^2/NDF : 537.9/21

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.274 ± 0.420 χ^2/NDF : 1284.6/44

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.157 ± 0.919 χ^2/NDF : 206.6/16

Left Out: 9.282 ± 0.458 χ^2/NDF : 127.9/22

Right Out: 18.770 ± 0.864 χ^2/NDF : 199.0/18

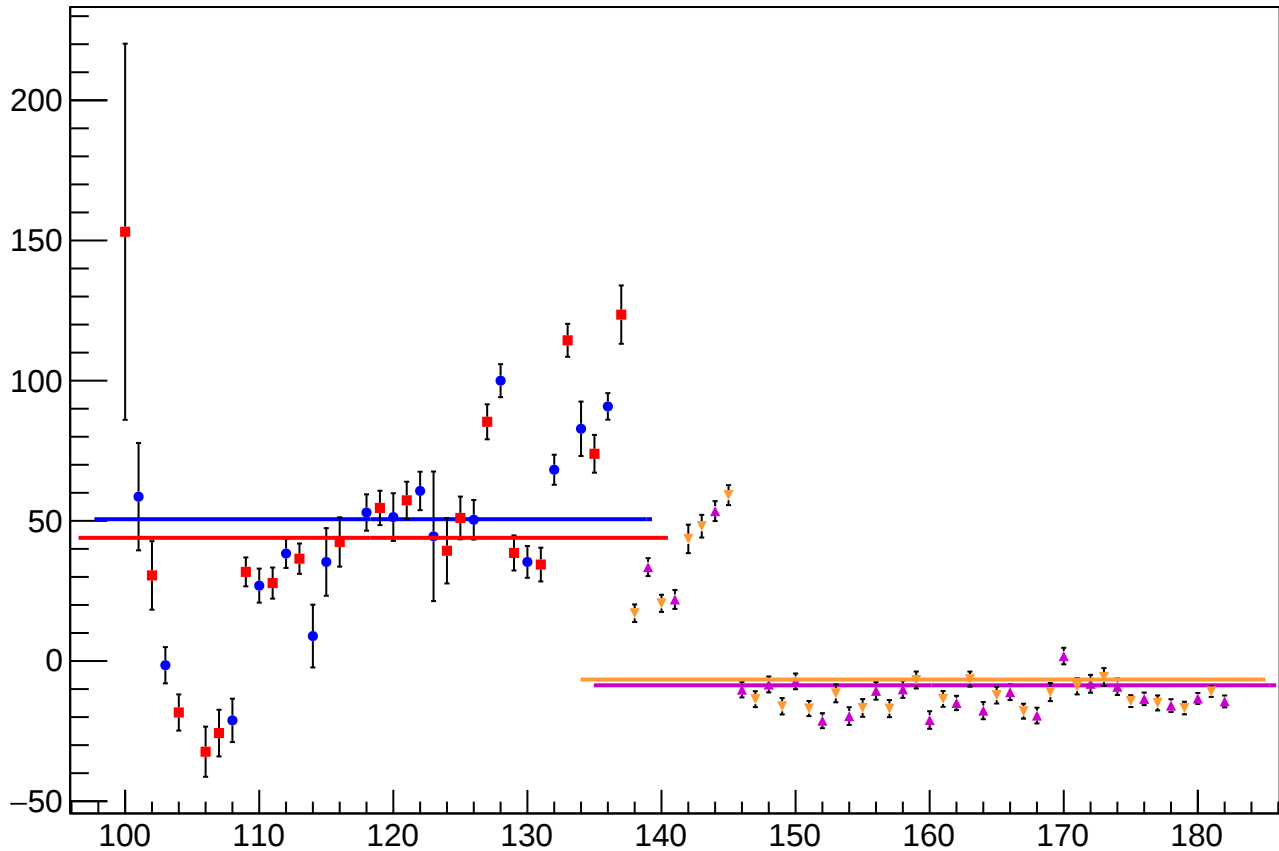
Left In: 9.148 ± 0.465 χ^2/NDF : 121.8/21

+ sign 11.051 ± 0.410 χ^2/NDF : 409.2/39

All: 11.181 ± 0.290 χ^2/NDF : 826.5/80

- sign 11.311 ± 0.410 χ^2/NDF : 417.0/40

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.587 ± 1.681 χ^2/NDF : 361.7/16

Left Out: -6.591 ± 0.594 χ^2/NDF : 890.9/22

Right Out: 43.942 ± 1.605 χ^2/NDF : 533.3/18

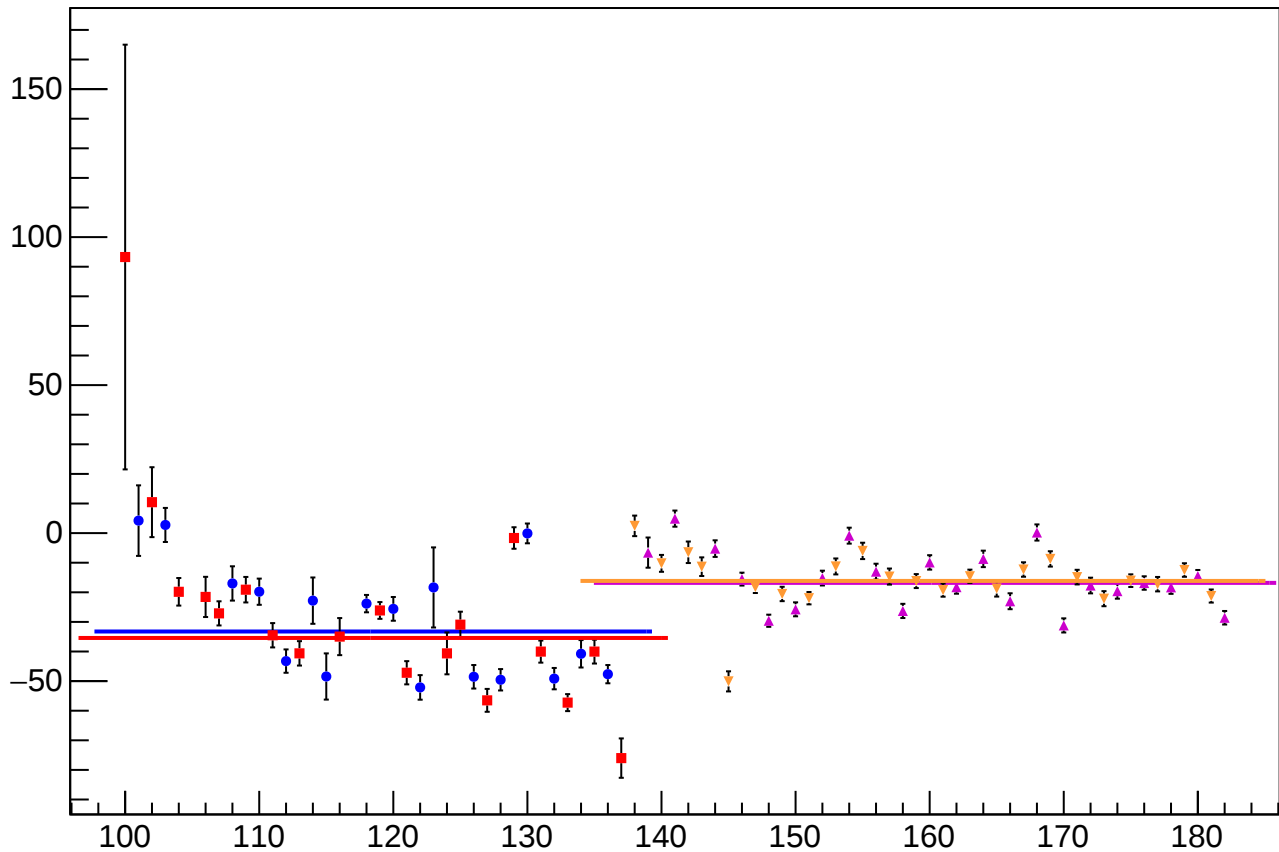
Left In: -8.655 ± 0.586 χ^2/NDF : 683.2/21

+ sign -0.242 ± 0.560 χ^2/NDF : 2281.7/39

All: -1.374 ± 0.393 χ^2/NDF : 4453.7/80

- sign -2.468 ± 0.551 χ^2/NDF : 2163.9/40

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.238 ± 1.045 χ^2/NDF : 291.4/16

Left Out: -16.153 ± 0.523 χ^2/NDF : 199.5/22

Right Out: -35.423 ± 0.993 χ^2/NDF : 289.2/18

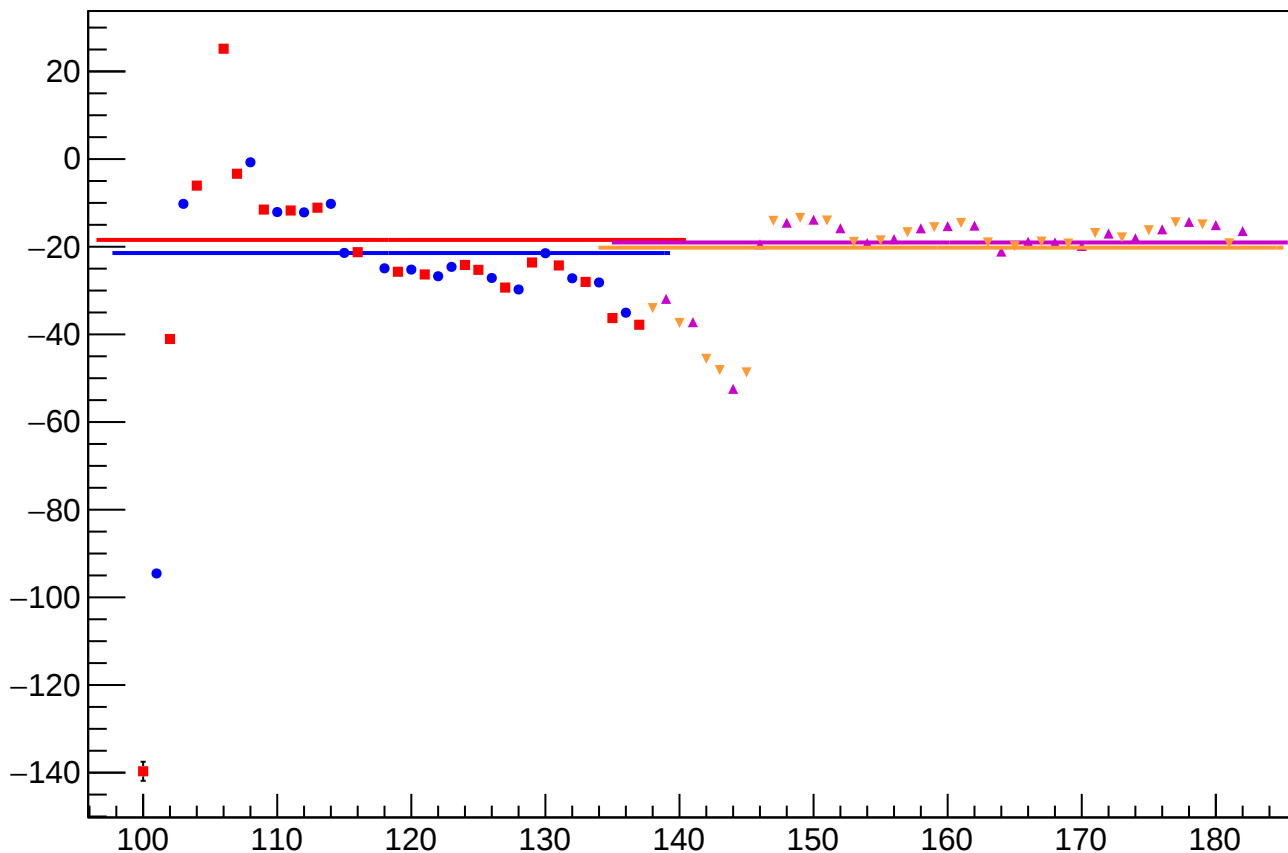
Left In: -16.812 ± 0.526 χ^2/NDF : 317.9/21

+ sign -19.570 ± 0.468 χ^2/NDF : 704.6/39

All: -20.235 ± 0.330 χ^2/NDF : 1589.9/80

- sign -20.893 ± 0.465 χ^2/NDF : 881.3/40

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.439 ± 0.059 $\chi^2/\text{NDF} = 48930.7/16$

Left Out: -20.210 ± 0.024 $\chi^2/\text{NDF} = 138746.0/22$

Right Out: -18.442 ± 0.057 $\chi^2/\text{NDF} = 80422.3/18$

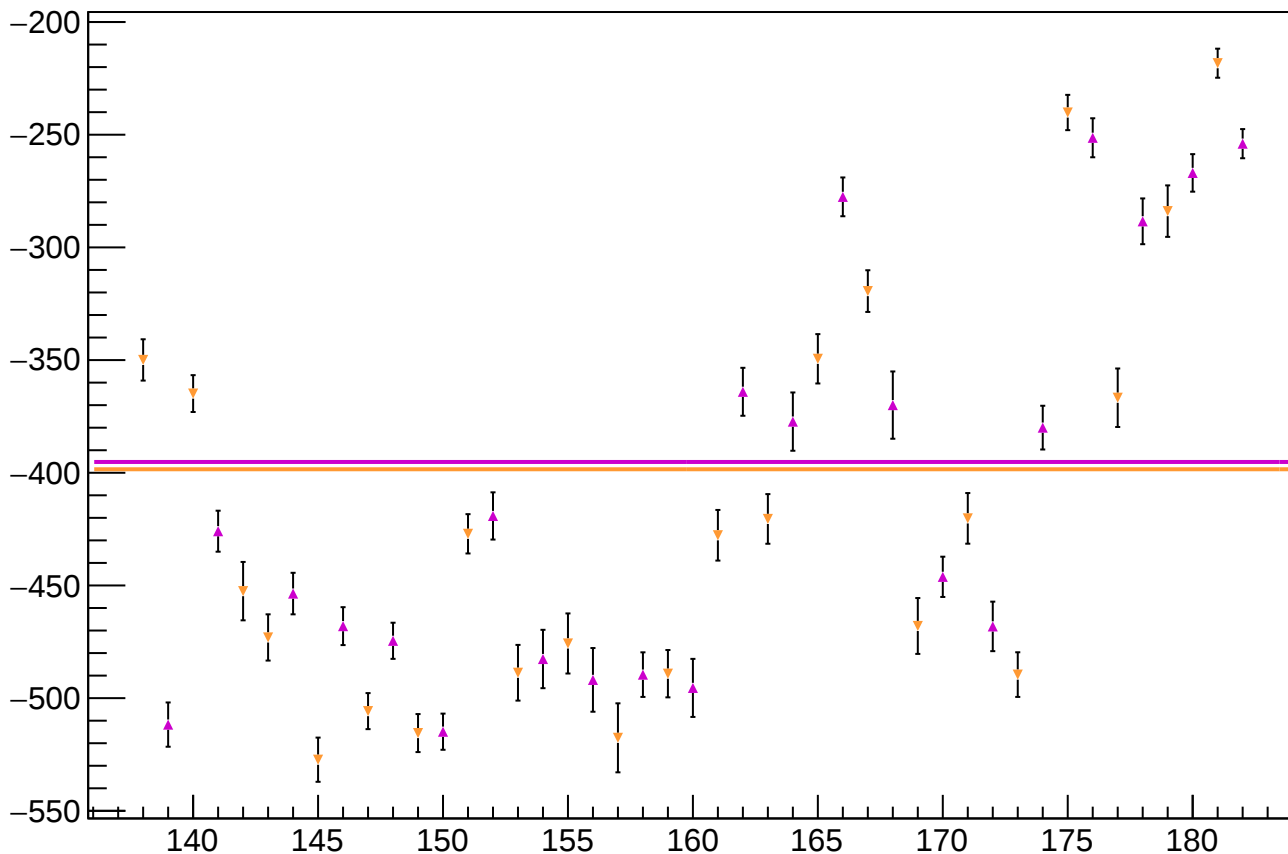
Left In: -19.029 ± 0.024 $\chi^2/\text{NDF} = 90829.9/21$

+ sign -20.386 ± 0.022 $\chi^2/\text{NDF} = 188048.6/39$

All: -19.655 ± 0.016 $\chi^2/\text{NDF} = 361504.5/80$

- sign -18.942 ± 0.022 $\chi^2/\text{NDF} = 171341.0/40$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -398.445+/-2.059 χ^2/NDF :2413.5/22

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

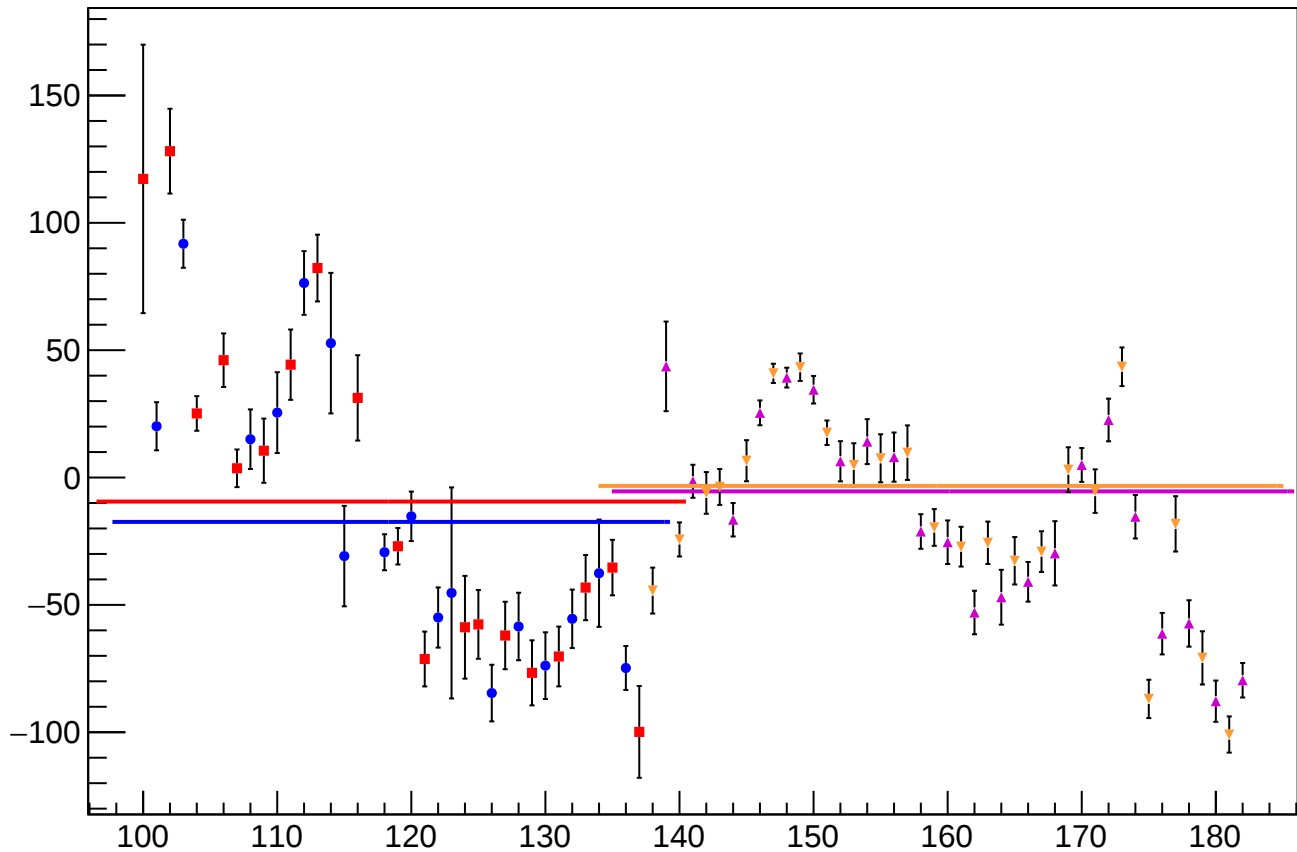
Left In: -395.204+/-2.035 χ^2/NDF :2217.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.806+/-1.447 χ^2/NDF : 4631.7/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.419 ± 2.826 χ^2/NDF : 362.1/16

Left Out: -3.288 ± 1.503 χ^2/NDF : 701.6/22

Right Out: -9.431 ± 2.611 χ^2/NDF : 369.3/18

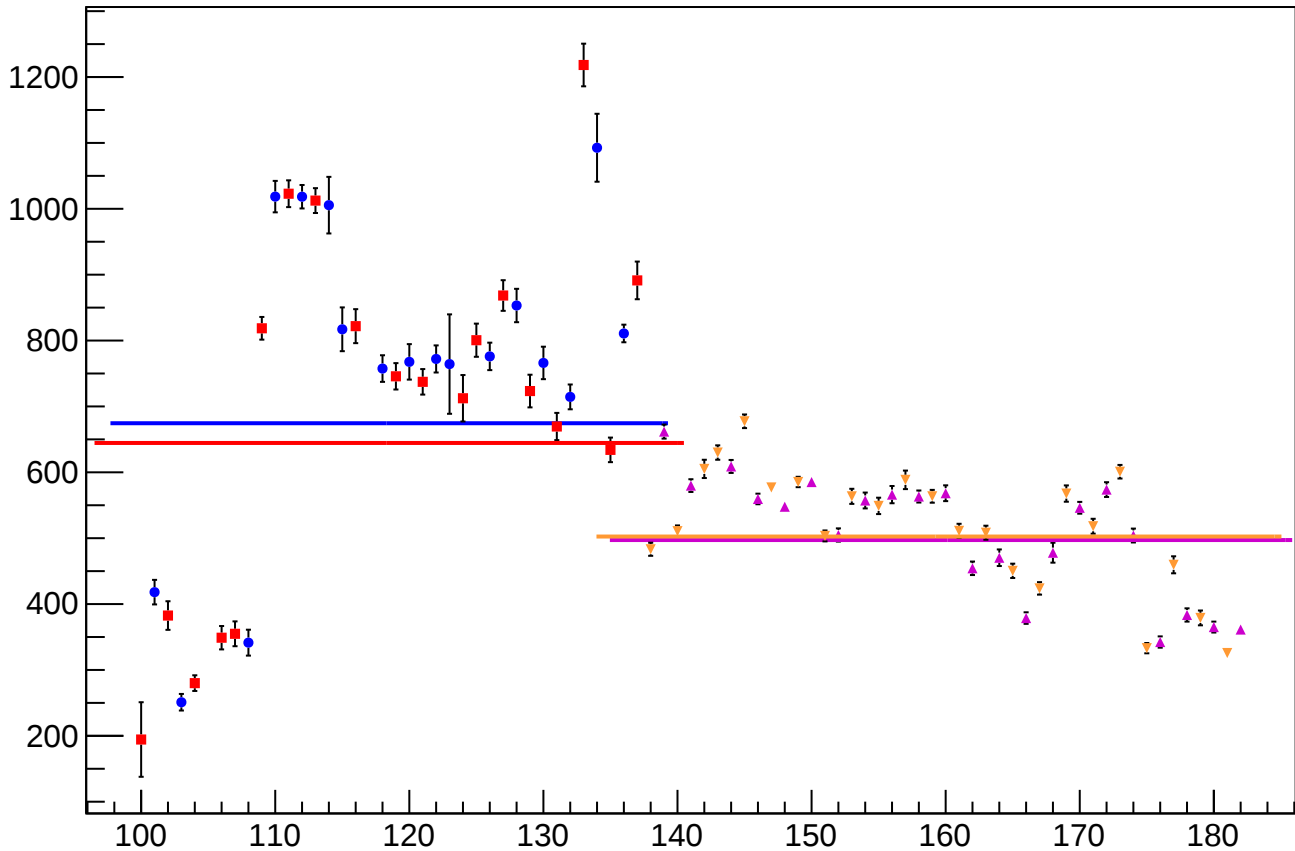
Left In: -5.436 ± 1.529 χ^2/NDF : 645.7/21

+ sign -6.406 ± 1.327 χ^2/NDF : 1083.2/39

All: -6.432 ± 0.936 χ^2/NDF : 2099.9/80

- sign -6.457 ± 1.320 χ^2/NDF : 1016.7/40

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 674.502 ± 5.076 $\chi^2/\text{NDF}: 2580.6/16$

Left Out: 502.524 ± 2.050 $\chi^2/\text{NDF}: 2321.5/22$

Right Out: 644.557 ± 4.767 $\chi^2/\text{NDF}: 3120.1/18$

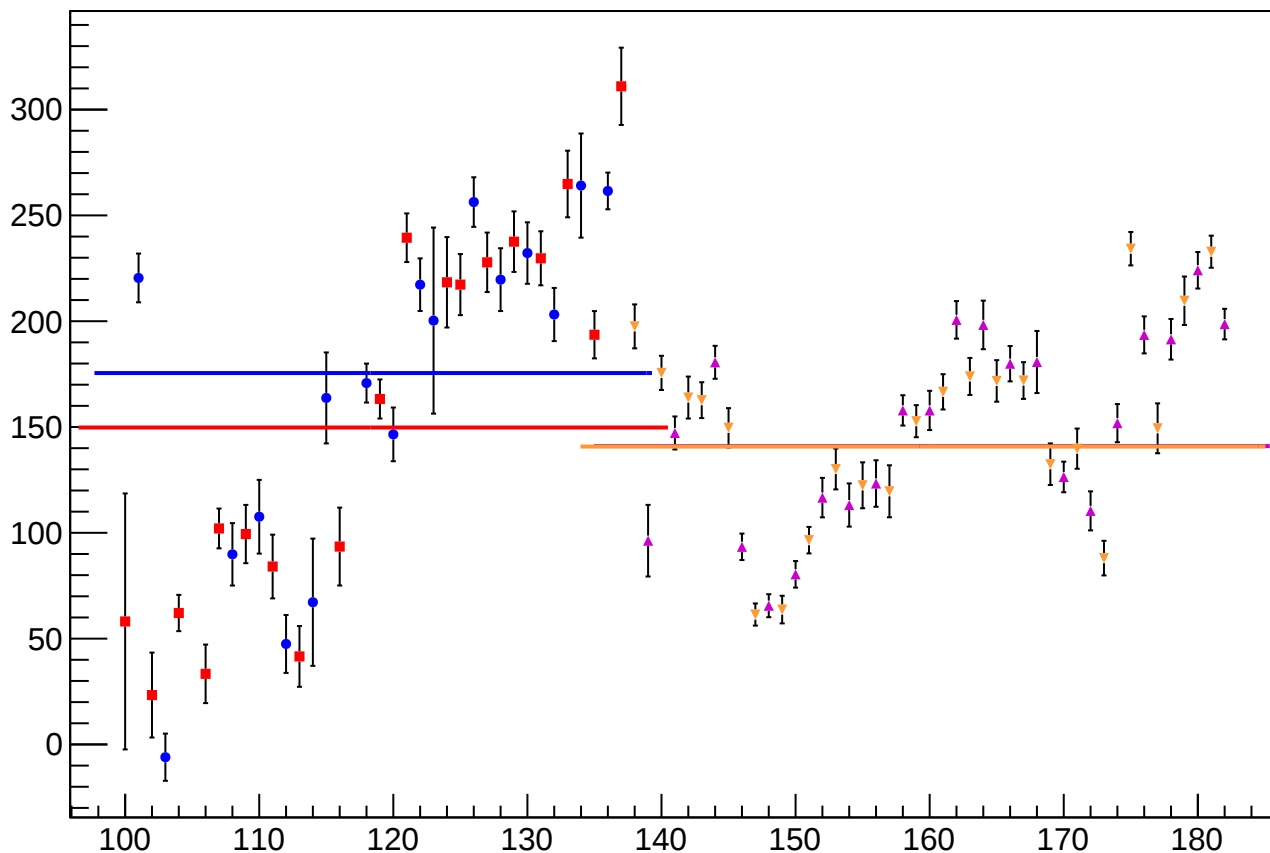
Left In: 497.189 ± 2.019 $\chi^2/\text{NDF}: 2225.7/21$

+ sign 526.646 ± 1.901 $\chi^2/\text{NDF}: 5888.8/39$

All: 523.045 ± 1.329 $\chi^2/\text{NDF}: 12052.0/80$

- sign 519.601 ± 1.859 $\chi^2/\text{NDF}: 6156.1/40$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.509 $\pm$ 3.245 χ^2 /NDF: 635.4/16

Left Out: 140.774 $\pm$ 1.754 χ^2 /NDF: 904.6/22

Right Out: 149.769 $\pm$ 3.046 χ^2 /NDF: 691.2/18

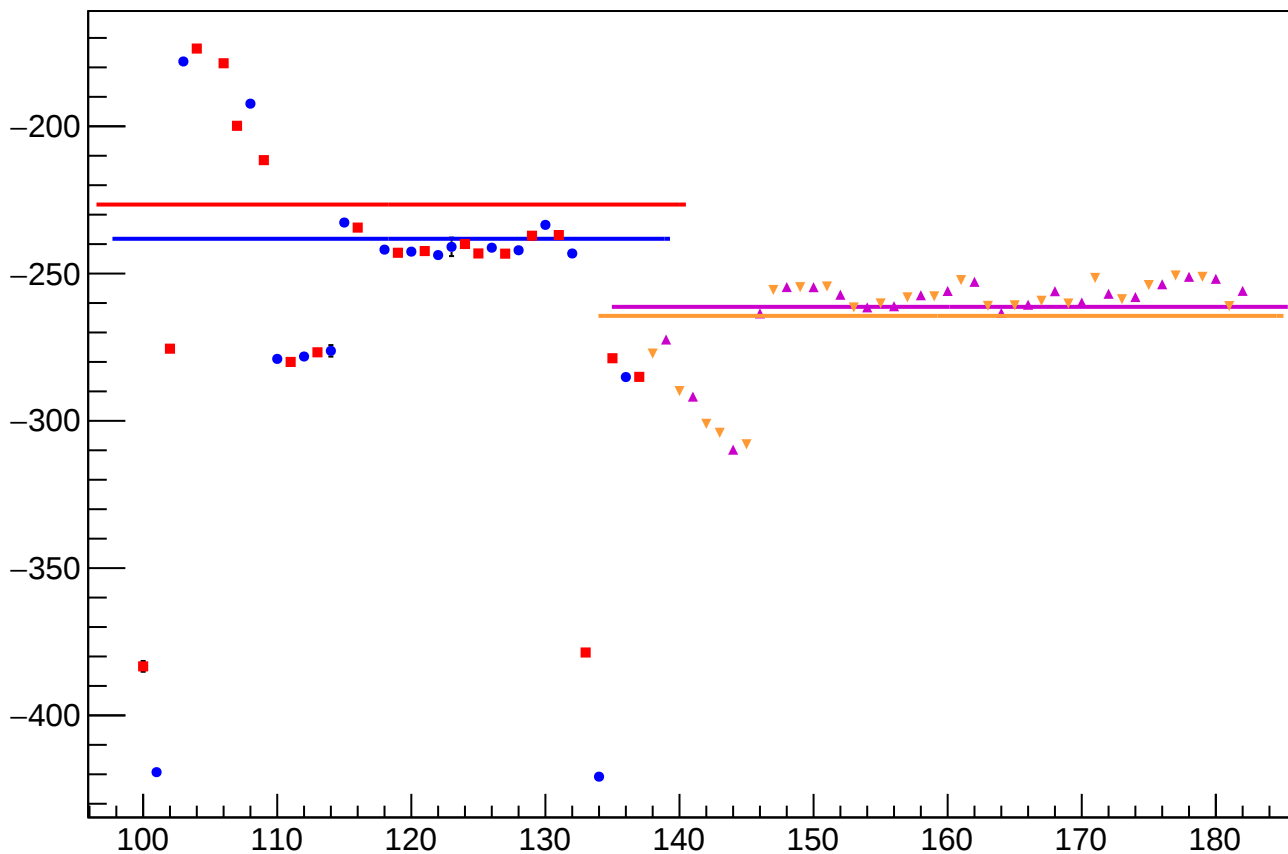
Left In: 141.001 $\pm$ 1.766 χ^2 /NDF: 739.2/21

+ sign 148.628 $\pm$ 1.543 χ^2 /NDF: 1628.7/39

All: 145.889 $\pm$ 1.086 χ^2 /NDF: 3071.5/80

- sign 143.206 $\pm$ 1.528 χ^2 /NDF: 1436.6/40

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.191 ± 0.161 χ^2/NDF : 167088.3/16

Left Out: -264.361 ± 0.084 χ^2/NDF : 37105.3/22

Right Out: -226.567 ± 0.151 χ^2/NDF : 102539.6/18

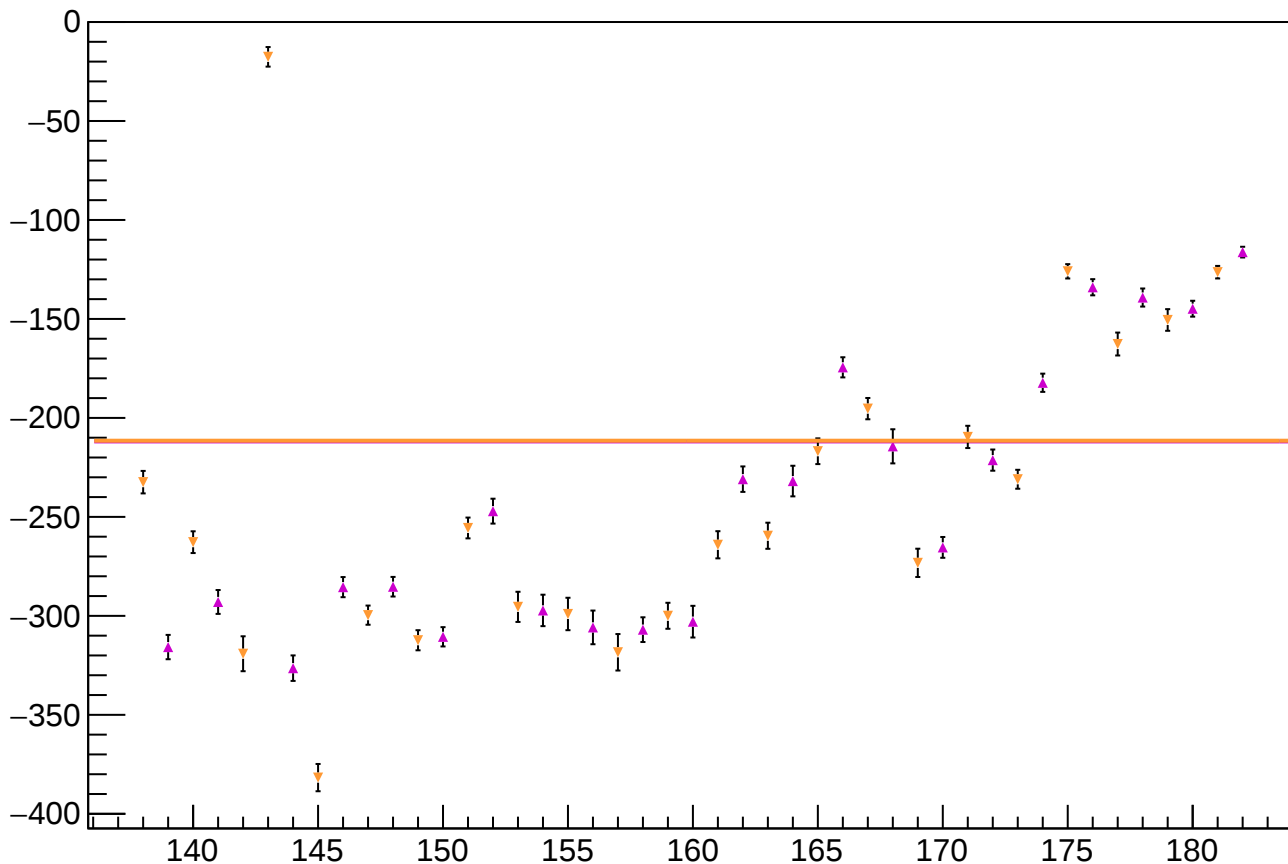
Left In: -261.299 ± 0.083 χ^2/NDF : 23347.3/21

+ sign -258.691 ± 0.075 χ^2/NDF : 224992.9/39

All: -255.910 ± 0.052 χ^2/NDF : 394084.4/80

- sign -253.278 ± 0.073 χ^2/NDF : 166397.7/40

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -211.516+/-1.147 χ^2/NDF : 5432.0/22

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

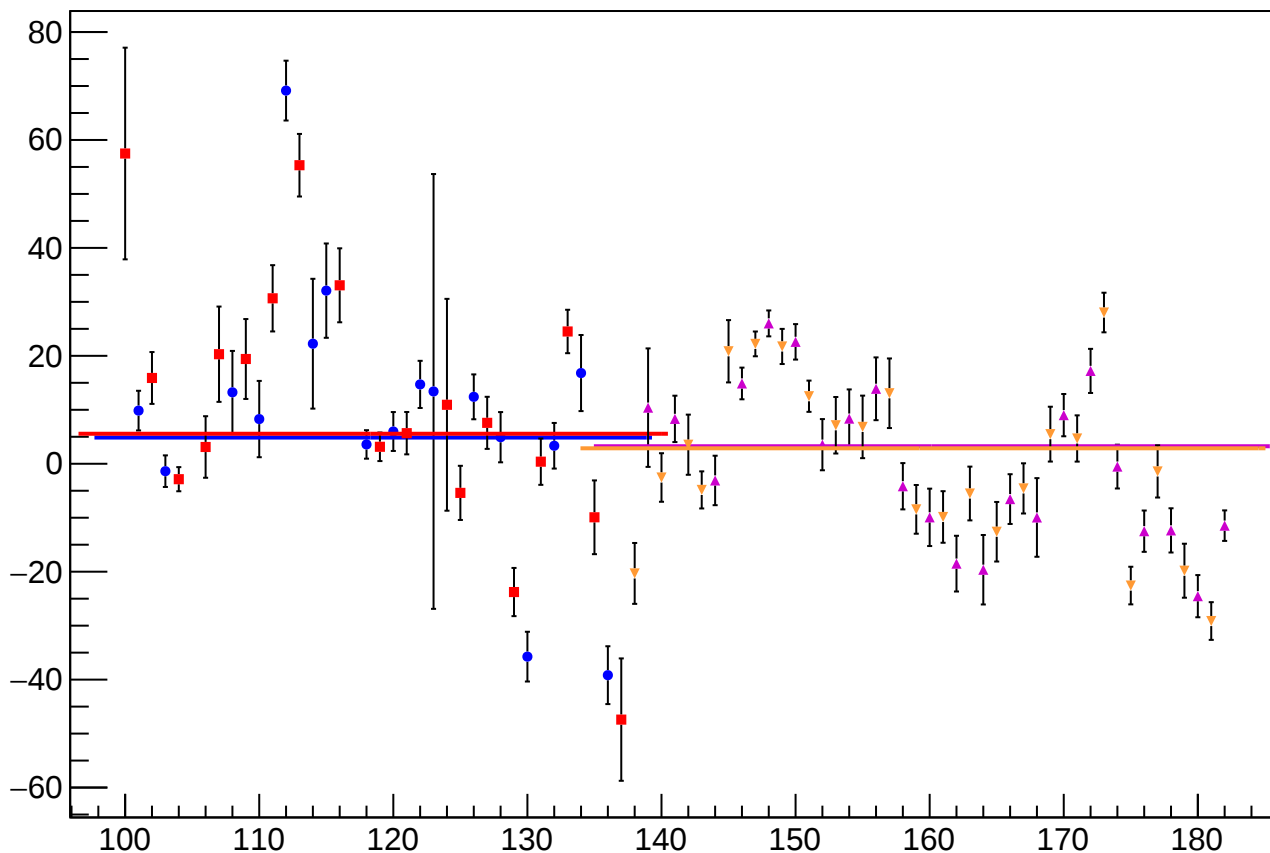
Left In: -211.870+/-1.109 χ^2/NDF : 4616.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.699+/-0.797 χ^2/NDF : 10048.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.855 ± 1.107 χ^2/NDF : 310.9/16

Left Out: 2.865 ± 0.861 χ^2/NDF : 385.1/22

Right Out: 5.561 ± 1.070 χ^2/NDF : 238.3/18

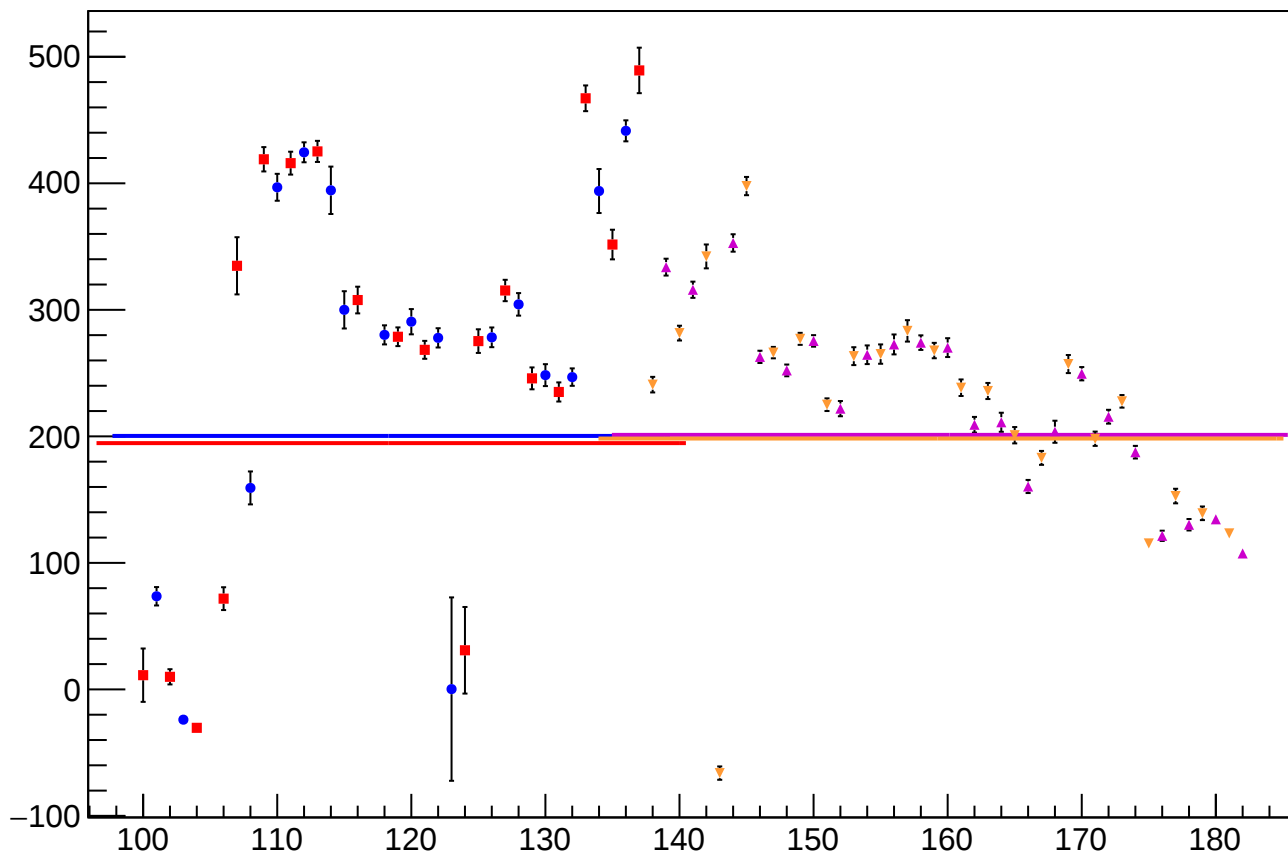
Left In: 3.247 ± 0.870 χ^2/NDF : 319.2/21

+ sign 3.615 ± 0.680 χ^2/NDF : 698.0/39

All: 3.893 ± 0.479 χ^2/NDF : 1258.7/80

- sign 4.168 ± 0.675 χ^2/NDF : 560.4/40

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.347 $\pm$ 1.987 χ^2 /NDF: 6717.6/16

Left Out: 198.283 $\pm$ 1.145 χ^2 /NDF: 6086.4/22

Right Out: 194.656 $\pm$ 1.927 χ^2 /NDF: 8242.8/18

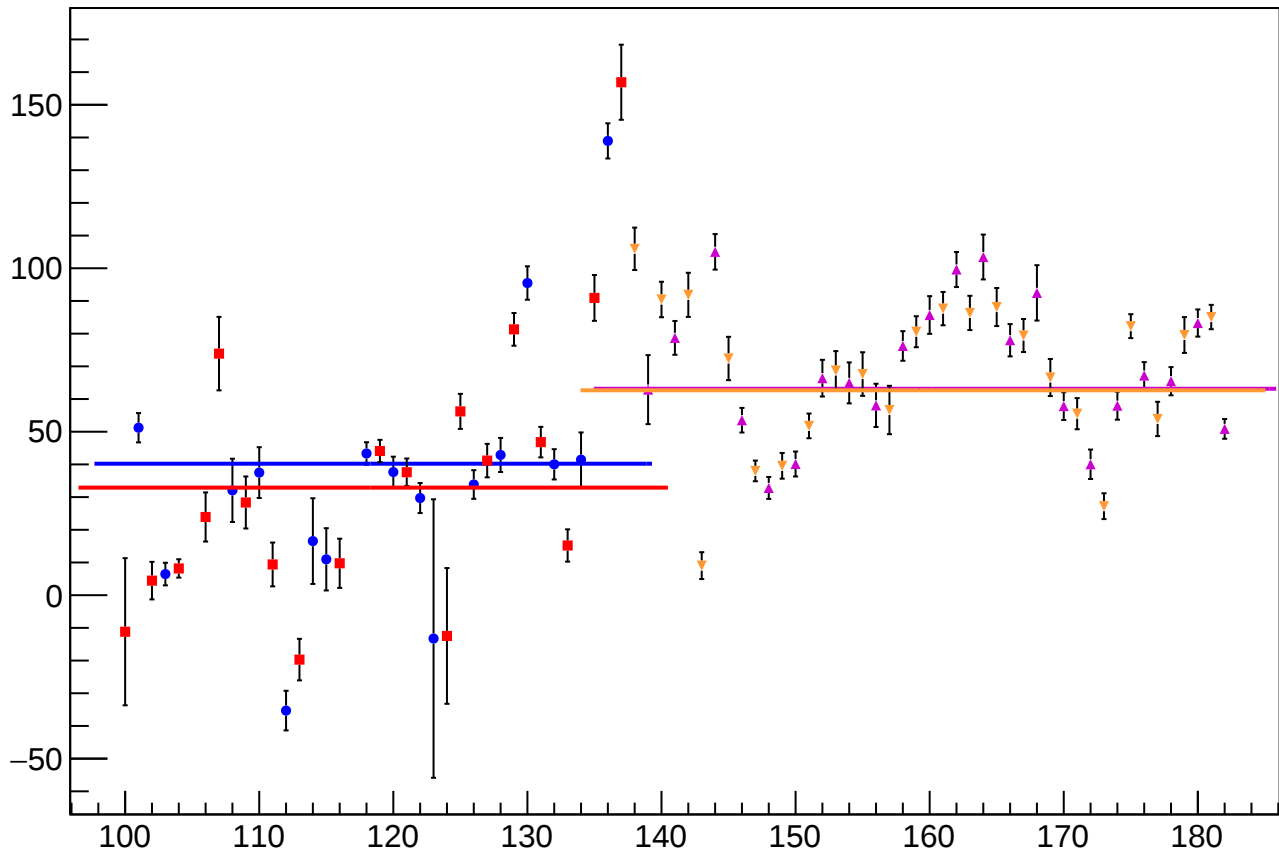
Left In: 201.171 $\pm$ 1.105 χ^2 /NDF: 4355.0/21

+ sign 198.798 $\pm$ 0.992 χ^2 /NDF: 12804.8/39

All: 199.191 $\pm$ 0.689 χ^2 /NDF: 25411.4/80

- sign 199.557 $\pm$ 0.959 χ^2 /NDF: 12606.4/40

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.214+/-1.286 χ^2 /NDF: 733.9/16

Left Out: 62.671+/-0.995 χ^2 /NDF: 617.3/22

Right Out: 32.898+/-1.252 χ^2 /NDF: 549.8/18

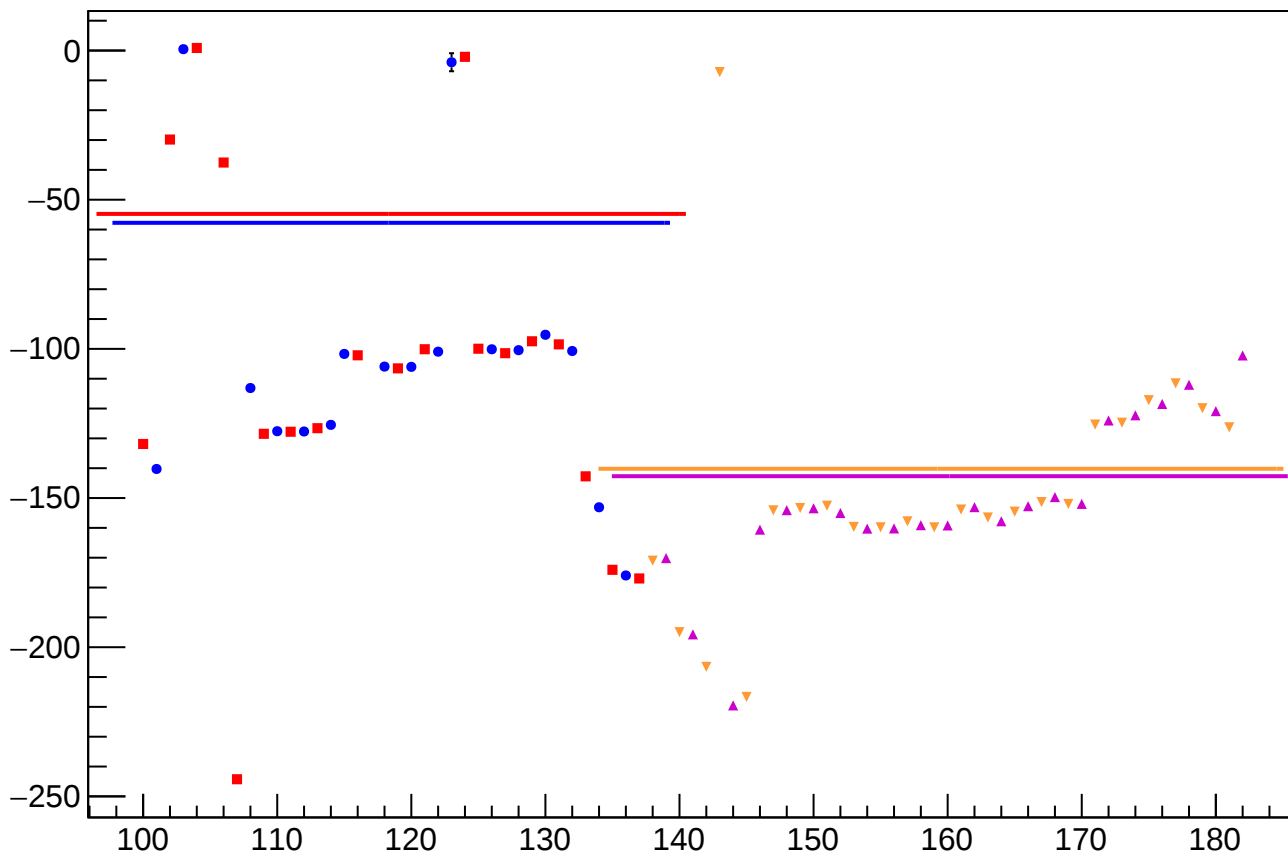
Left In: 63.139+/-0.991 χ^2 /NDF: 389.9/21

+ sign 54.256+/-0.787 χ^2 /NDF: 1541.9/39

All: 52.858+/-0.553 χ^2 /NDF: 2846.4/80

- sign 51.494+/-0.777 χ^2 /NDF: 1298.2/40

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.743 ± 0.062 $\chi^2/\text{NDF}: 1100251.3/16$

Left Out: -140.185 ± 0.048 $\chi^2/\text{NDF}: 669469.7/22$

Right Out: -54.758 ± 0.060 $\chi^2/\text{NDF}: 999720.2/18$

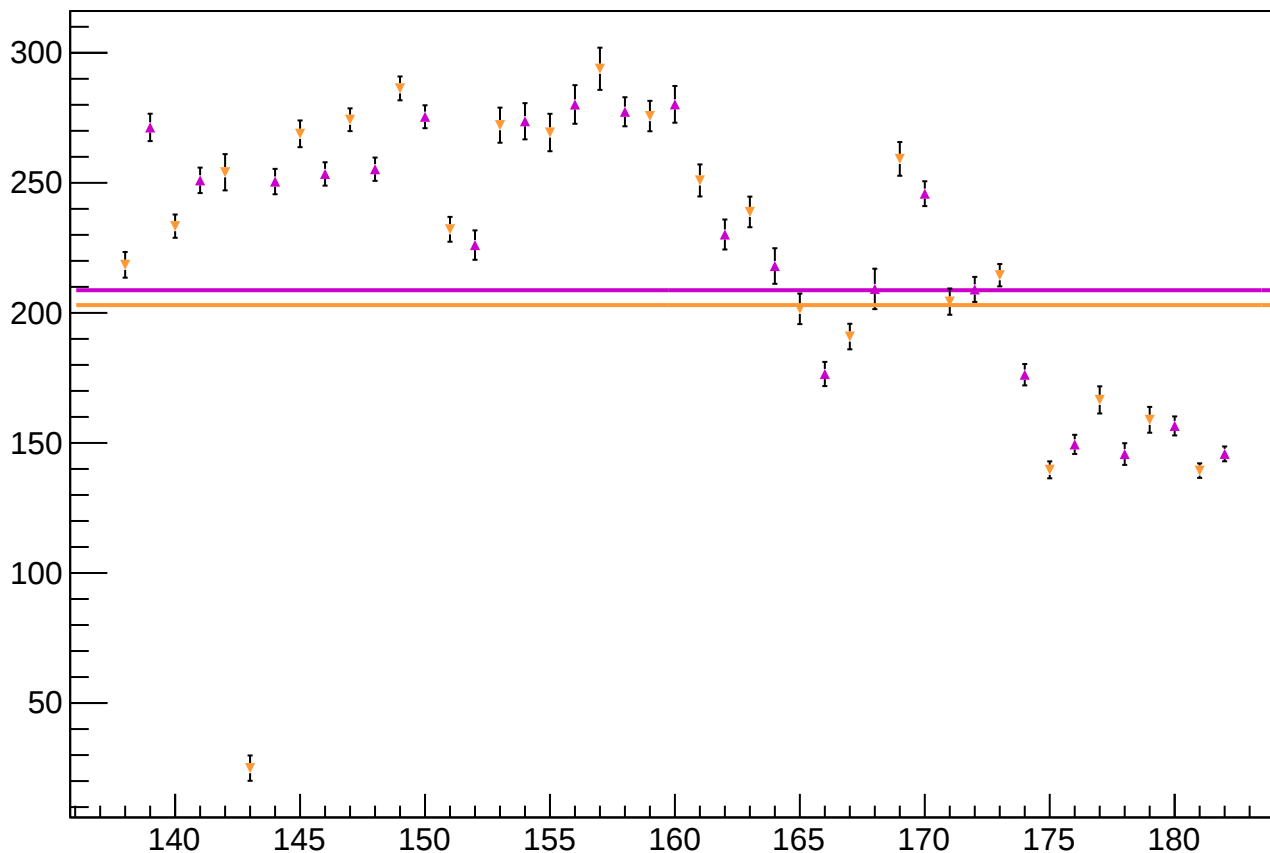
Left In: -142.679 ± 0.046 $\chi^2/\text{NDF}: 322659.4/21$

+ sign -109.509 ± 0.038 $\chi^2/\text{NDF}: 2885773.5/39$

All: -109.838 ± 0.026 $\chi^2/\text{NDF}: 5548670.1/80$

- sign -110.150 ± 0.037 $\chi^2/\text{NDF}: 2662748.1/40$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 203.000+/-1.019 χ^2/NDF : 3922.3/22

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

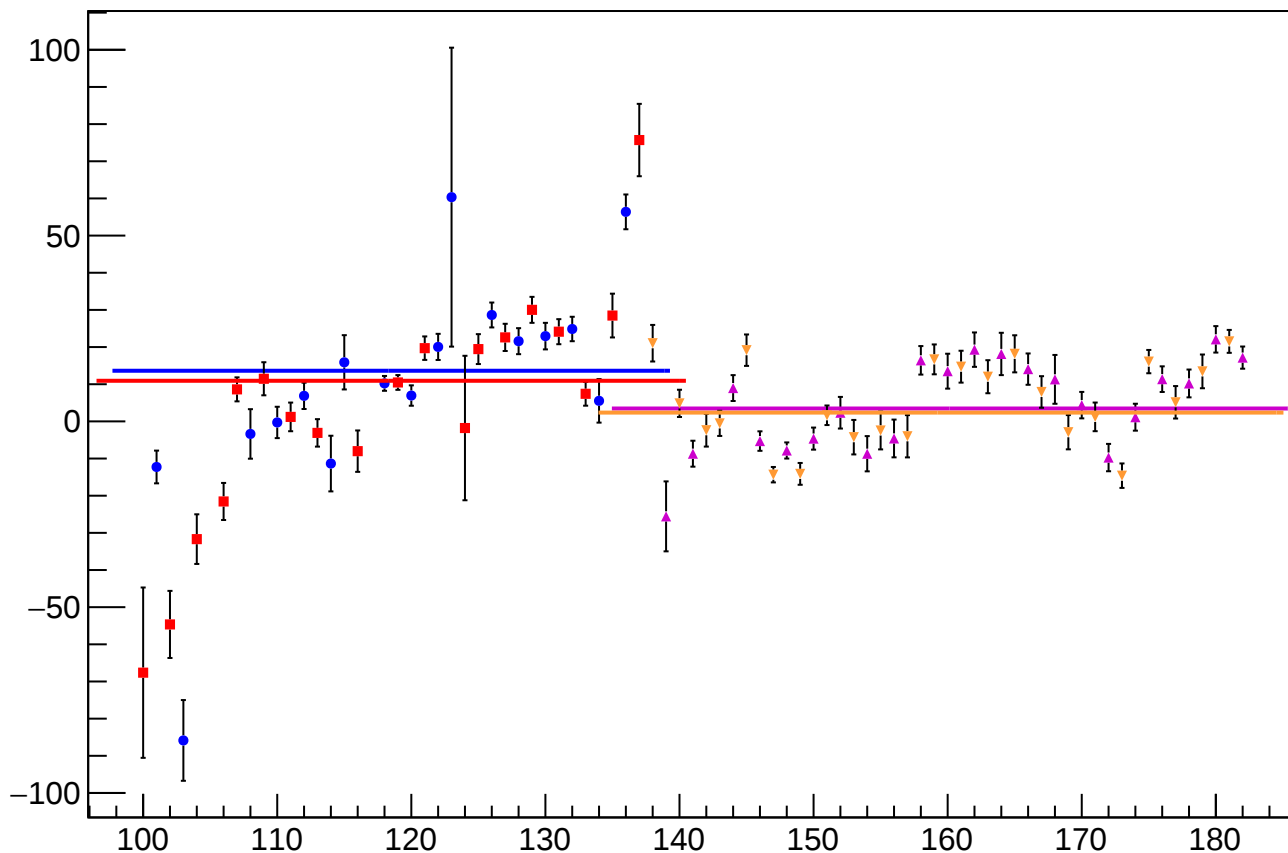
Left In: 208.720+/-1.009 χ^2/NDF : 2533.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.889+/-0.717 χ^2/NDF : 6471.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.625 $\pm$ 0.938 χ^2 /NDF: 293.3/16

Left Out: 2.366 $\pm$ 0.768 χ^2 /NDF: 262.6/22

Right Out: 10.927 $\pm$ 0.915 χ^2 /NDF: 302.8/18

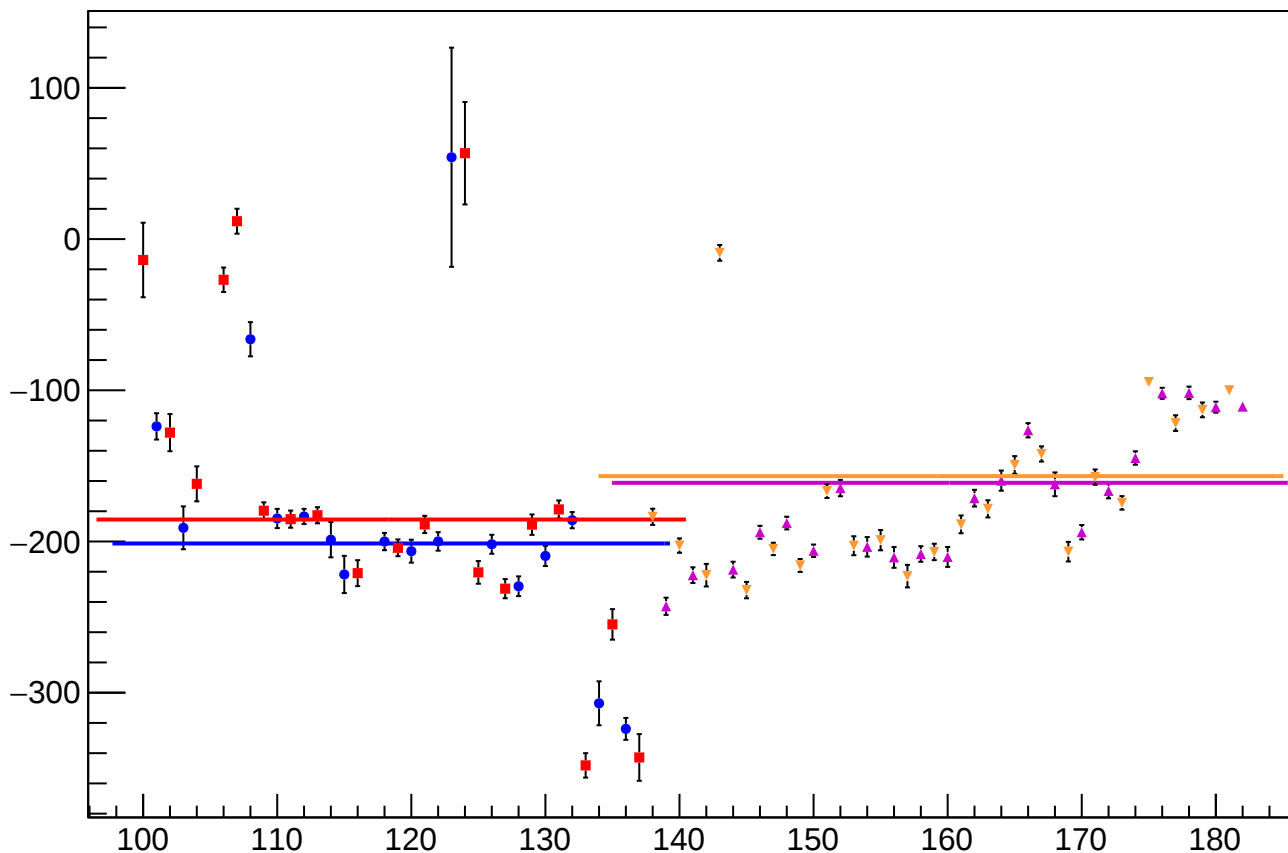
Left In: 3.464 $\pm$ 0.783 χ^2 /NDF: 191.3/21

+ sign 6.885 $\pm$ 0.594 χ^2 /NDF: 642.1/39

All: 6.753 $\pm$ 0.420 χ^2 /NDF: 1174.8/80

- sign 6.621 $\pm$ 0.595 χ^2 /NDF: 532.5/40

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.316 ± 1.800 χ^2/NDF : 624.9/16

Left Out: -156.768 ± 1.019 χ^2/NDF : 2788.1/22

Right Out: -185.469 ± 1.703 χ^2/NDF : 1745.0/18

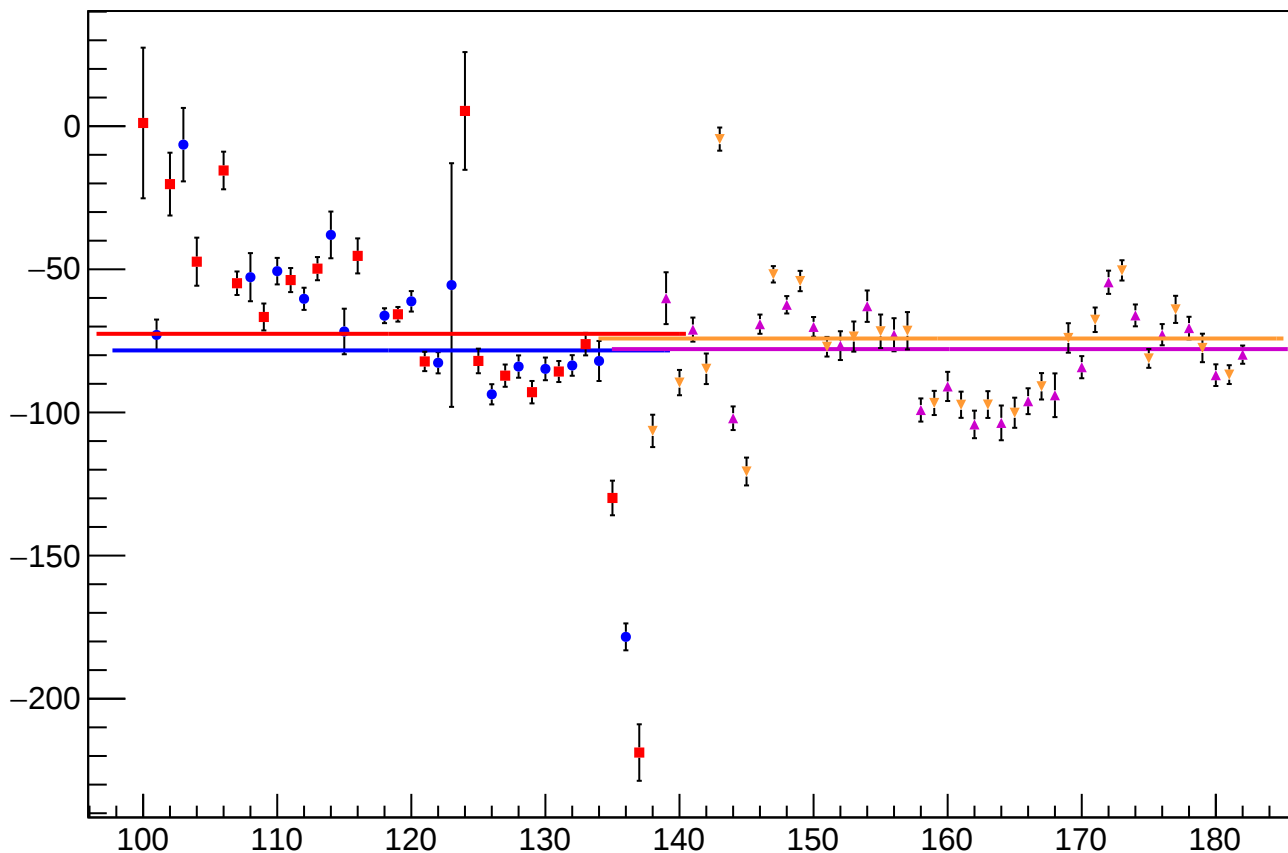
Left In: -161.196 ± 1.006 χ^2/NDF : 1983.4/21

+ sign -167.581 ± 0.887 χ^2/NDF : 3877.0/39

All: -167.526 ± 0.619 χ^2/NDF : 7756.1/80

- sign -167.473 ± 0.866 χ^2/NDF : 3879.1/40

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.334 ± 1.084 χ^2/NDF : 649.9/16

Left Out: -74.170 ± 0.887 χ^2/NDF : 718.3/22

Right Out: -72.531 ± 1.054 χ^2/NDF : 605.5/18

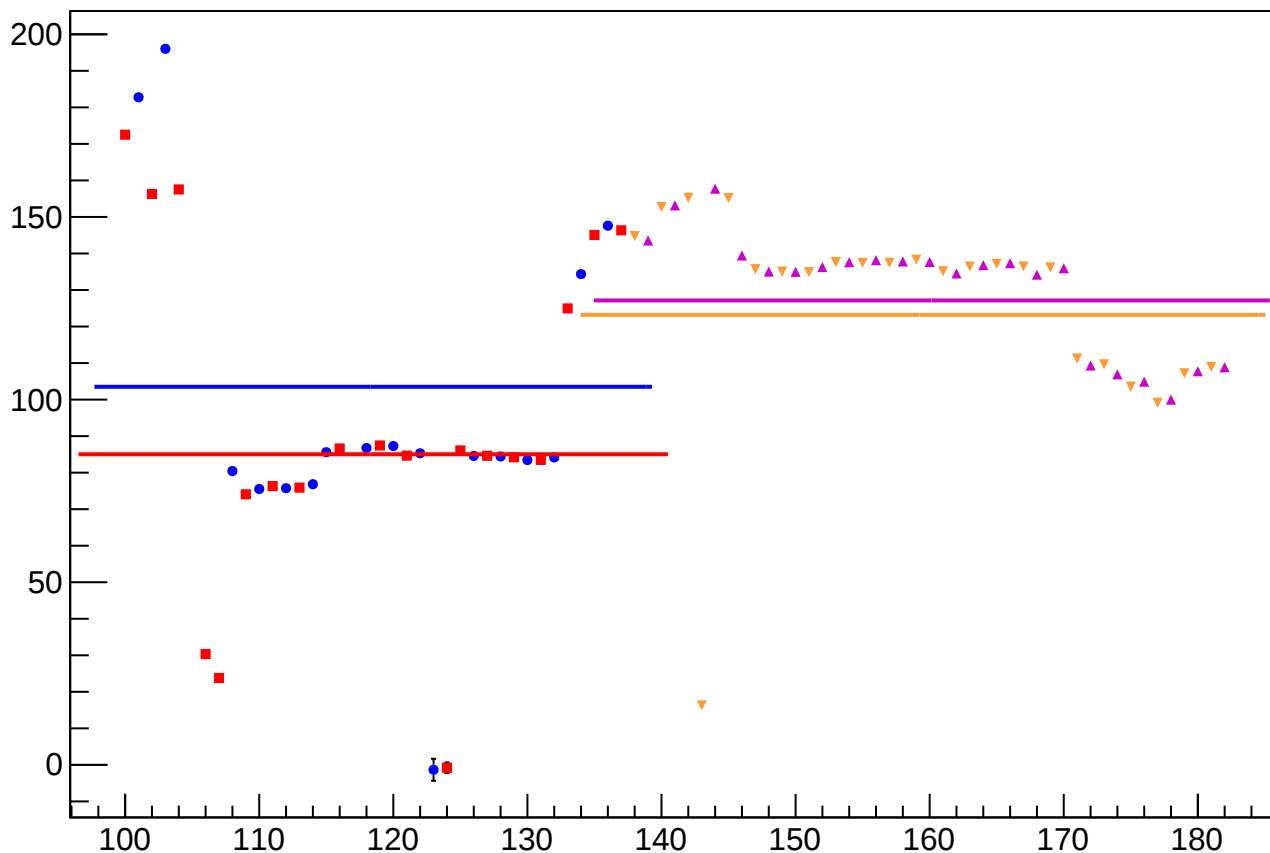
Left In: -77.873 ± 0.894 χ^2/NDF : 246.4/21

+ sign -75.840 ± 0.687 χ^2/NDF : 1377.0/39

All: -75.737 ± 0.484 χ^2/NDF : 2243.8/80

- sign -75.636 ± 0.682 χ^2/NDF : 866.8/40

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.509 ± 0.071 $\chi^2/\text{NDF}: 272499.7/16$

Left Out: 123.213 ± 0.042 $\chi^2/\text{NDF}: 429048.7/22$

Right Out: 85.036 ± 0.064 $\chi^2/\text{NDF}: 422344.8/18$

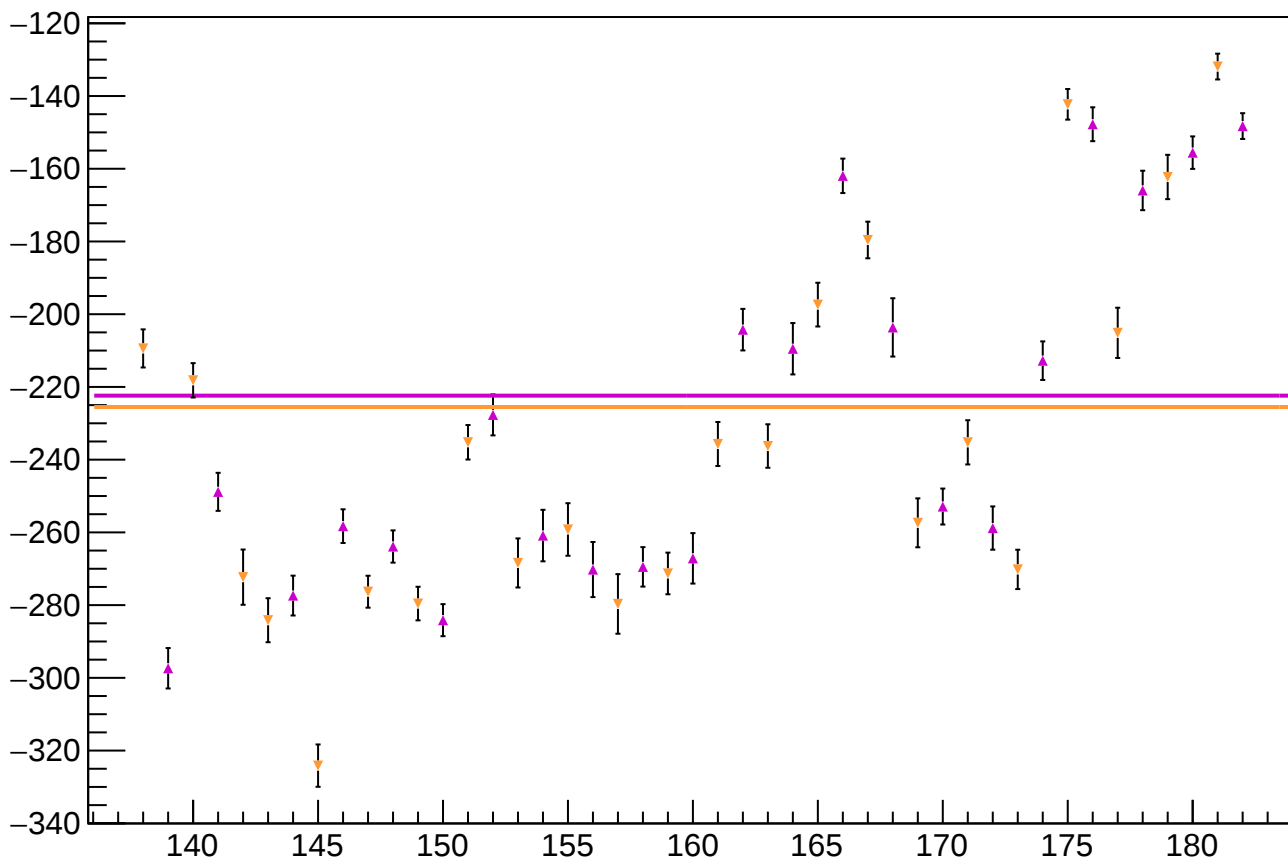
Left In: 127.142 ± 0.042 $\chi^2/\text{NDF}: 158400.7/21$

+ sign 118.048 ± 0.036 $\chi^2/\text{NDF}: 758360.7/39$

All: 116.227 ± 0.025 $\chi^2/\text{NDF}: 1648896.4/80$

- sign 114.549 ± 0.035 $\chi^2/\text{NDF}: 885715.9/40$

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -225.527+/-1.136 χ^2/NDF : 2283.6/22

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

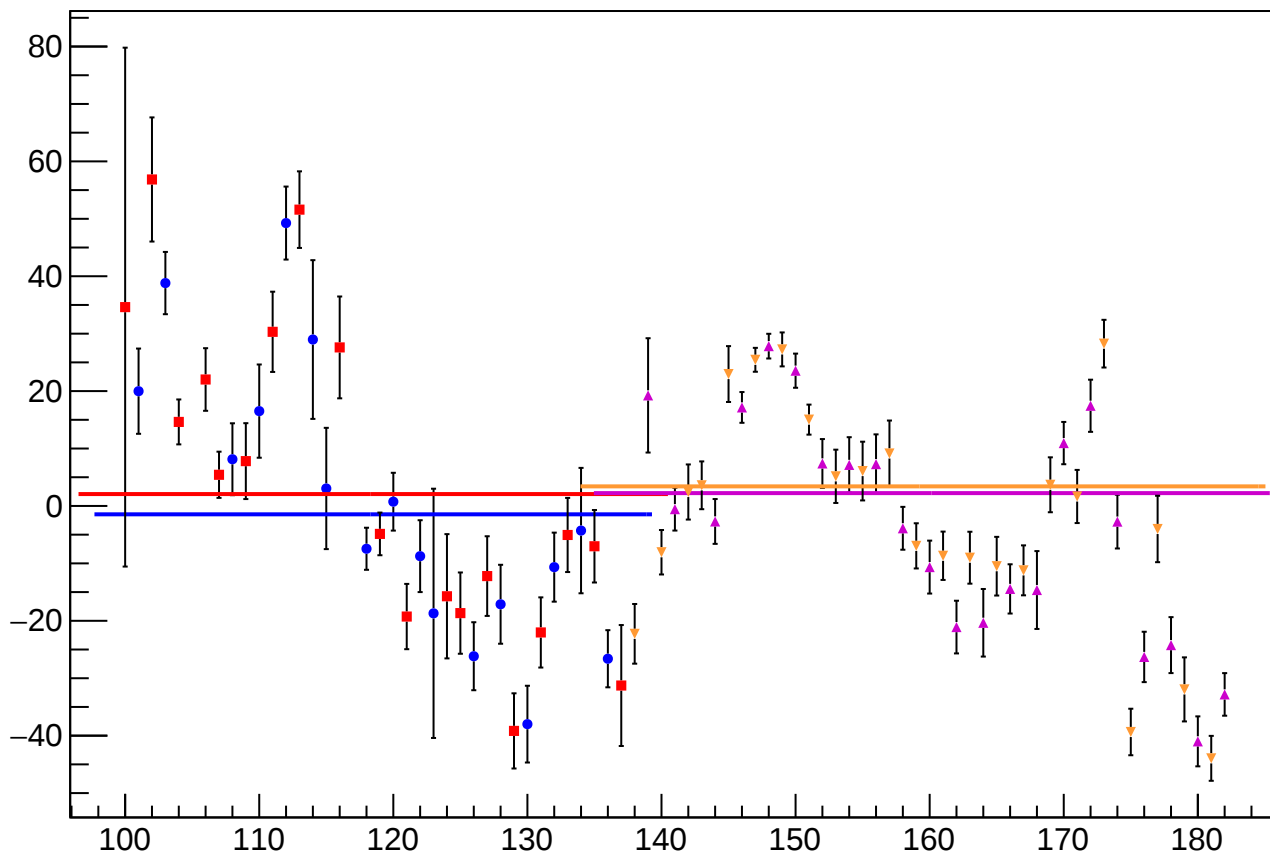
Left In: -222.395+/-1.118 χ^2/NDF : 2126.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.935+/-0.797 χ^2/NDF : 4413.4/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.459 ± 1.539 χ^2/NDF : 224.8/16

Left Out: 3.409 ± 0.830 χ^2/NDF : 625.1/22

Right Out: 2.070 ± 1.401 χ^2/NDF : 232.8/18

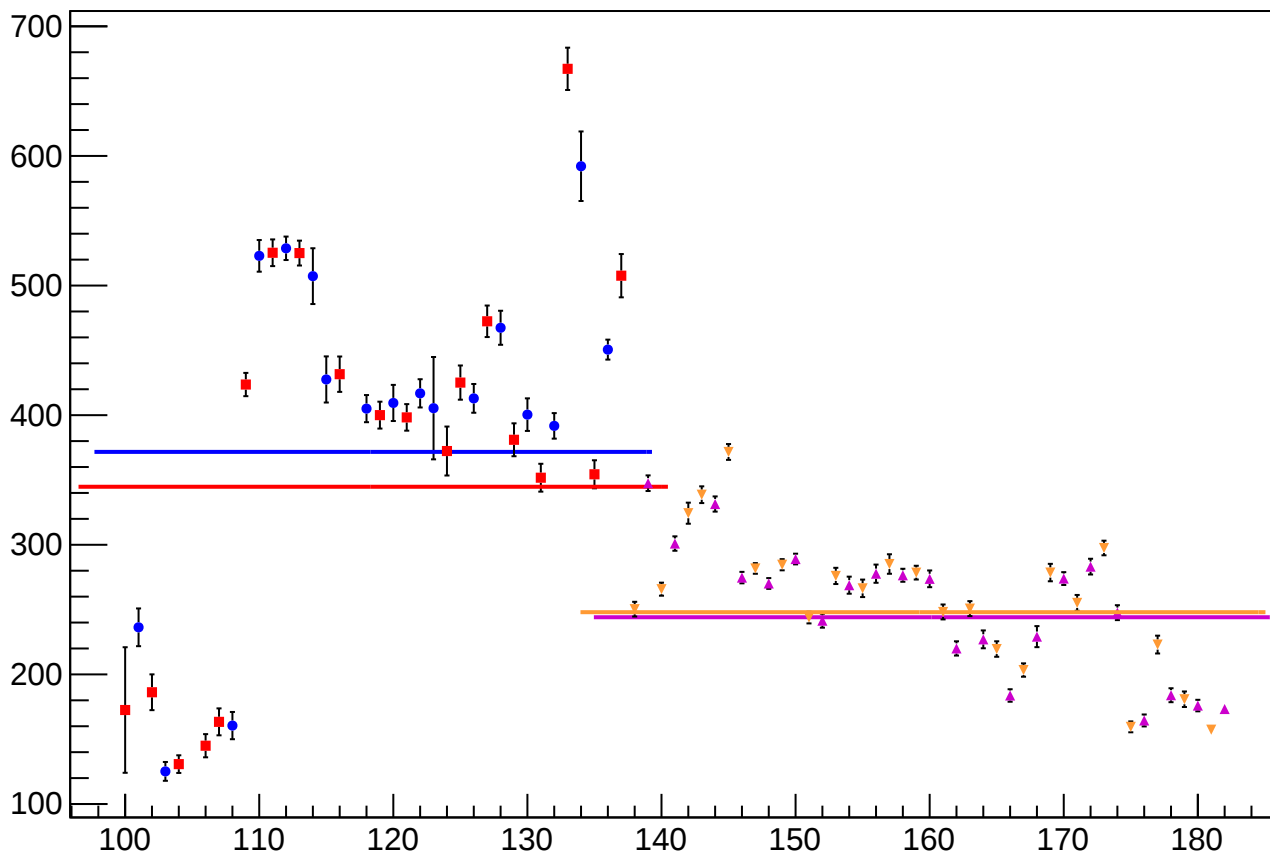
Left In: 2.235 ± 0.842 χ^2/NDF : 583.0/21

+ sign 2.313 ± 0.731 χ^2/NDF : 857.6/39

All: 2.251 ± 0.513 χ^2/NDF : 1673.5/80

- sign 2.191 ± 0.722 χ^2/NDF : 815.8/40

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.672 ± 2.783 $\chi^2/\text{NDF}: 2430.1/16$

Left Out: 248.001 ± 1.129 $\chi^2/\text{NDF}: 2316.1/22$

Right Out: 344.775 ± 2.565 $\chi^2/\text{NDF}: 3412.6/18$

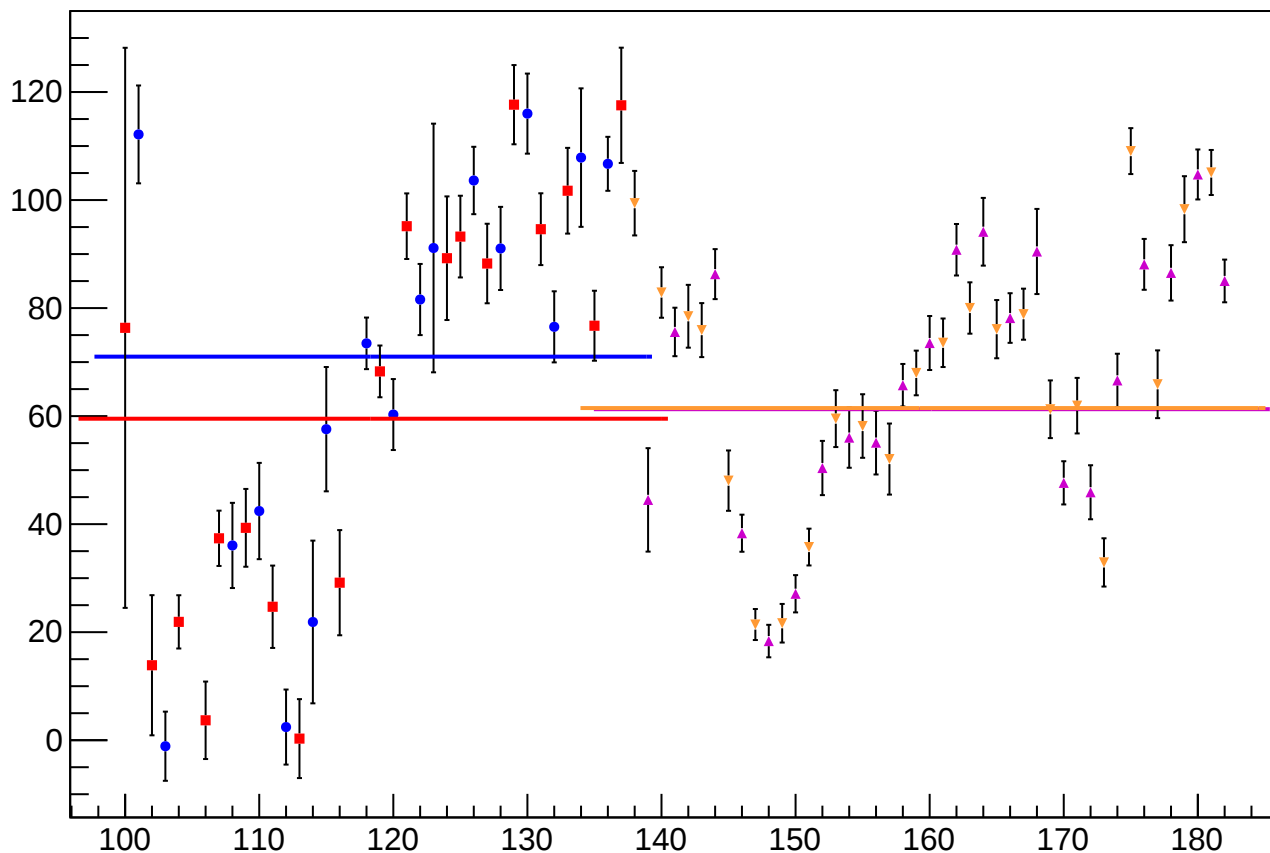
Left In: 244.097 ± 1.108 $\chi^2/\text{NDF}: 2219.4/21$

+ sign 265.482 ± 1.046 $\chi^2/\text{NDF}: 6441.7/39$

All: 262.620 ± 0.729 $\chi^2/\text{NDF}: 13386.3/80$

- sign 259.918 ± 1.017 $\chi^2/\text{NDF}: 6930.1/40$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.009 $\pm$ 1.768 χ^2 /NDF: 424.1/16

Left Out: 61.490 $\pm$ 0.967 χ^2 /NDF: 820.8/22

Right Out: 59.517 $\pm$ 1.633 χ^2 /NDF: 489.4/18

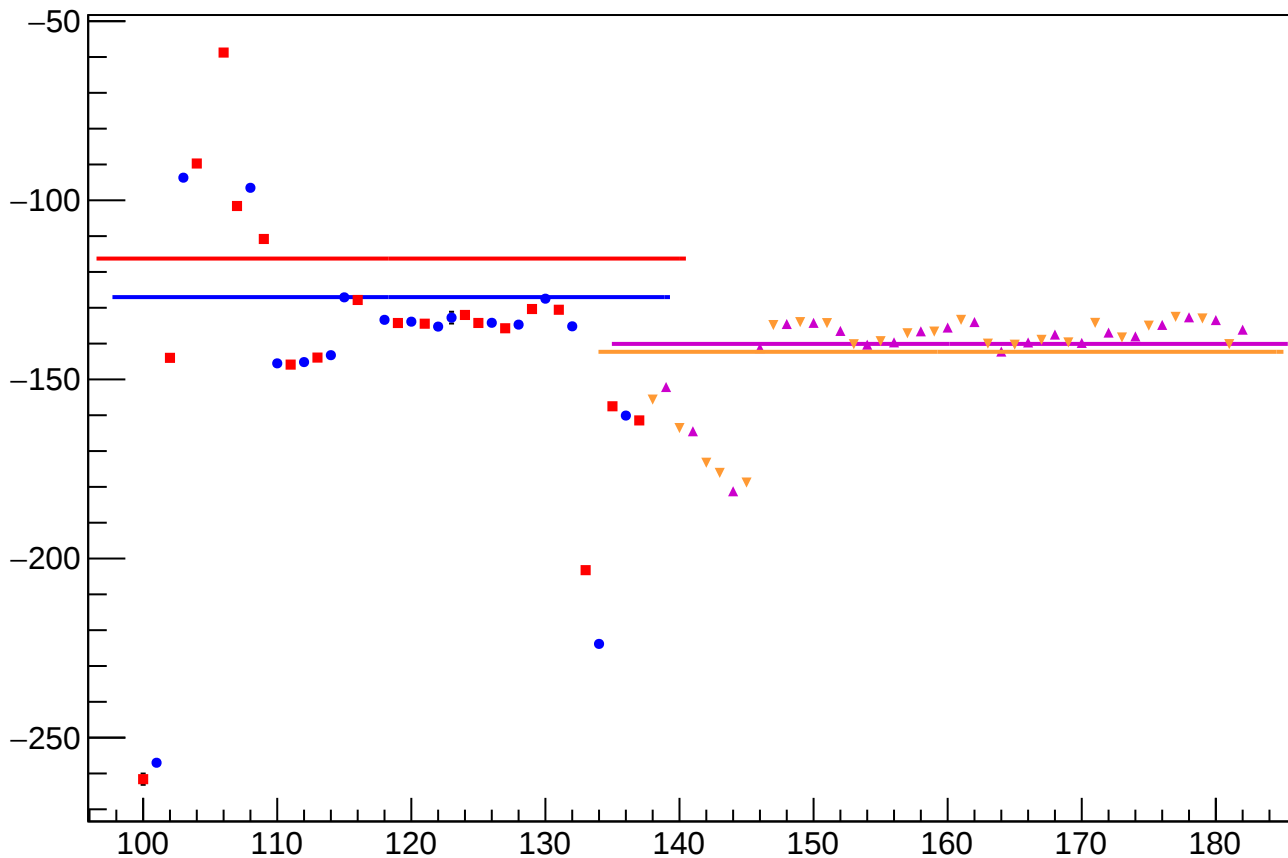
Left In: 61.280 $\pm$ 0.970 χ^2 /NDF: 699.2/21

+ sign 63.683 $\pm$ 0.849 χ^2 /NDF: 1267.2/39

All: 62.227 $\pm$ 0.595 χ^2 /NDF: 2462.4/80

- sign 60.821 $\pm$ 0.834 χ^2 /NDF: 1189.4/40

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.024 ± 0.090 $\chi^2/\text{NDF}: 166974.0/16$

Left Out: -142.293 ± 0.046 $\chi^2/\text{NDF}: 76167.4/22$

Right Out: -116.264 ± 0.083 $\chi^2/\text{NDF}: 167018.1/18$

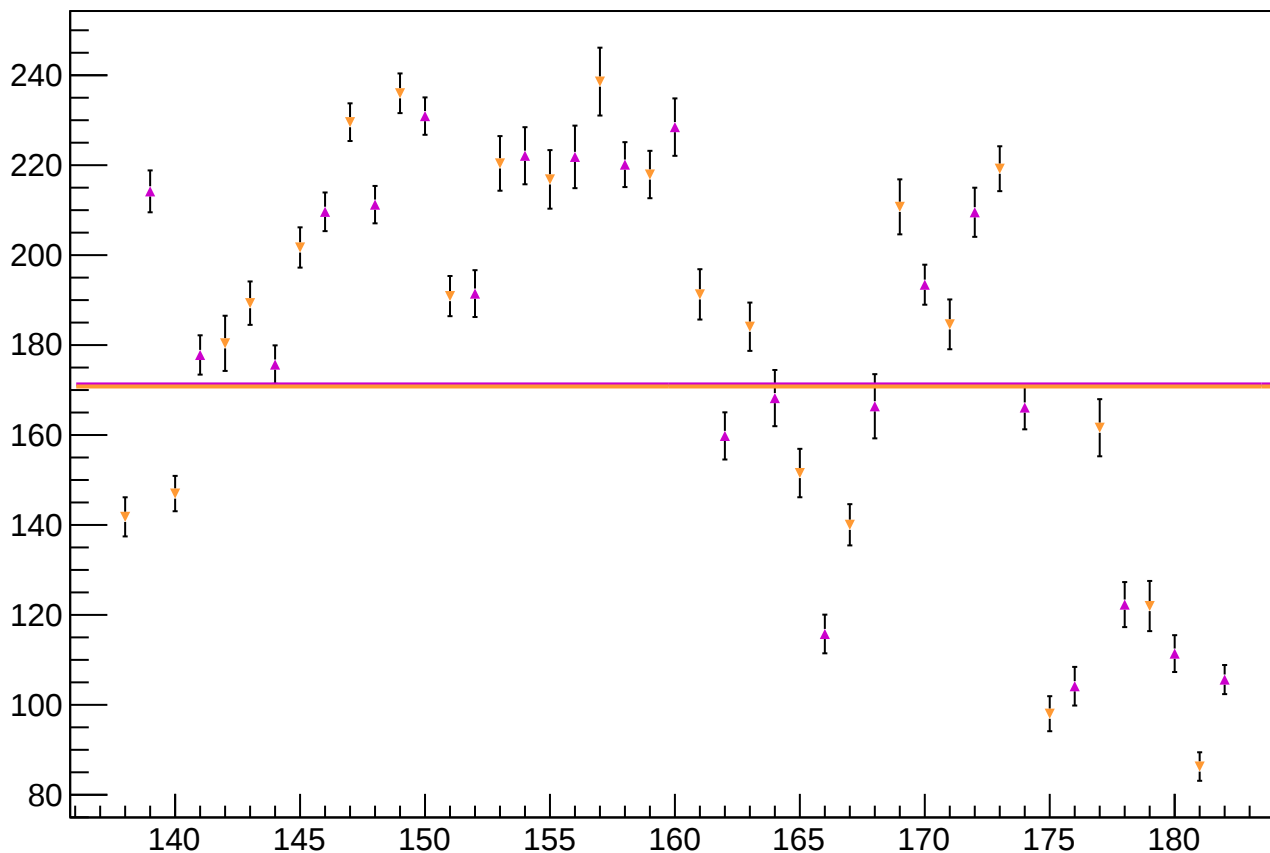
Left In: -140.085 ± 0.046 $\chi^2/\text{NDF}: 48024.8/21$

+ sign -139.070 ± 0.041 $\chi^2/\text{NDF}: 265912.7/39$

All: -136.750 ± 0.029 $\chi^2/\text{NDF}: 550340.1/80$

- sign -134.584 ± 0.040 $\chi^2/\text{NDF}: 278325.1/40$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 170.790+/-1.015 χ^2/NDF : 2217.1/22

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

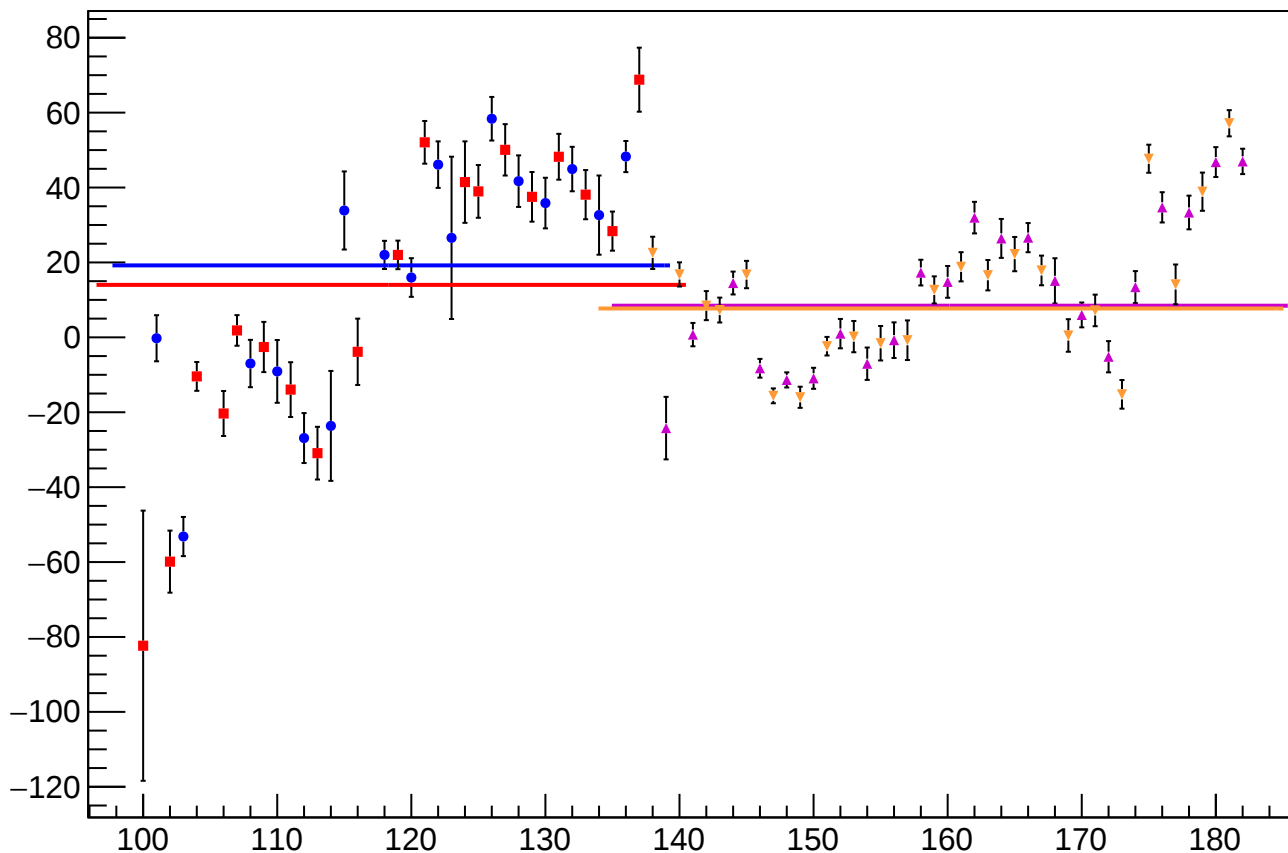
Left In: 171.247+/-1.010 χ^2/NDF : 1985.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.020+/-0.716 χ^2/NDF : 4203.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.211 ± 1.503 $\chi^2/\text{NDF}: 439.4/16$

Left Out: 7.705 ± 0.749 $\chi^2/\text{NDF}: 683.6/22$

Right Out: 14.009 ± 1.391 $\chi^2/\text{NDF}: 435.5/18$

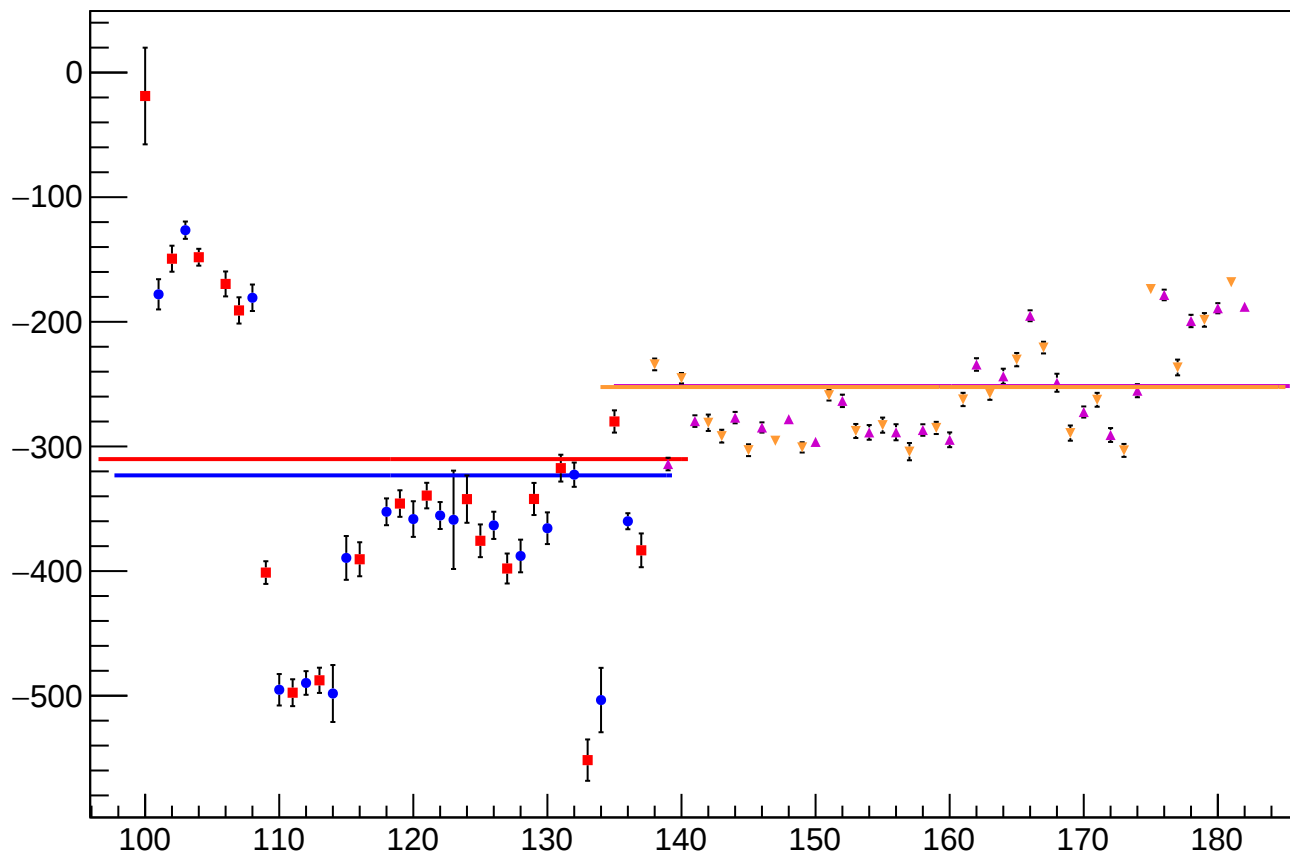
Left In: 8.450 ± 0.765 $\chi^2/\text{NDF}: 616.3/21$

+ sign 9.993 ± 0.670 $\chi^2/\text{NDF}: 1170.0/39$

All: 9.866 ± 0.474 $\chi^2/\text{NDF}: 2234.2/80$

- sign 9.739 ± 0.670 $\chi^2/\text{NDF}: 1064.2/40$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.205 ± 2.689 χ^2/NDF : 1846.8/16

Left Out: -252.336 ± 1.014 χ^2/NDF : 2000.8/22

Right Out: -310.154 ± 2.527 χ^2/NDF : 2298.0/18

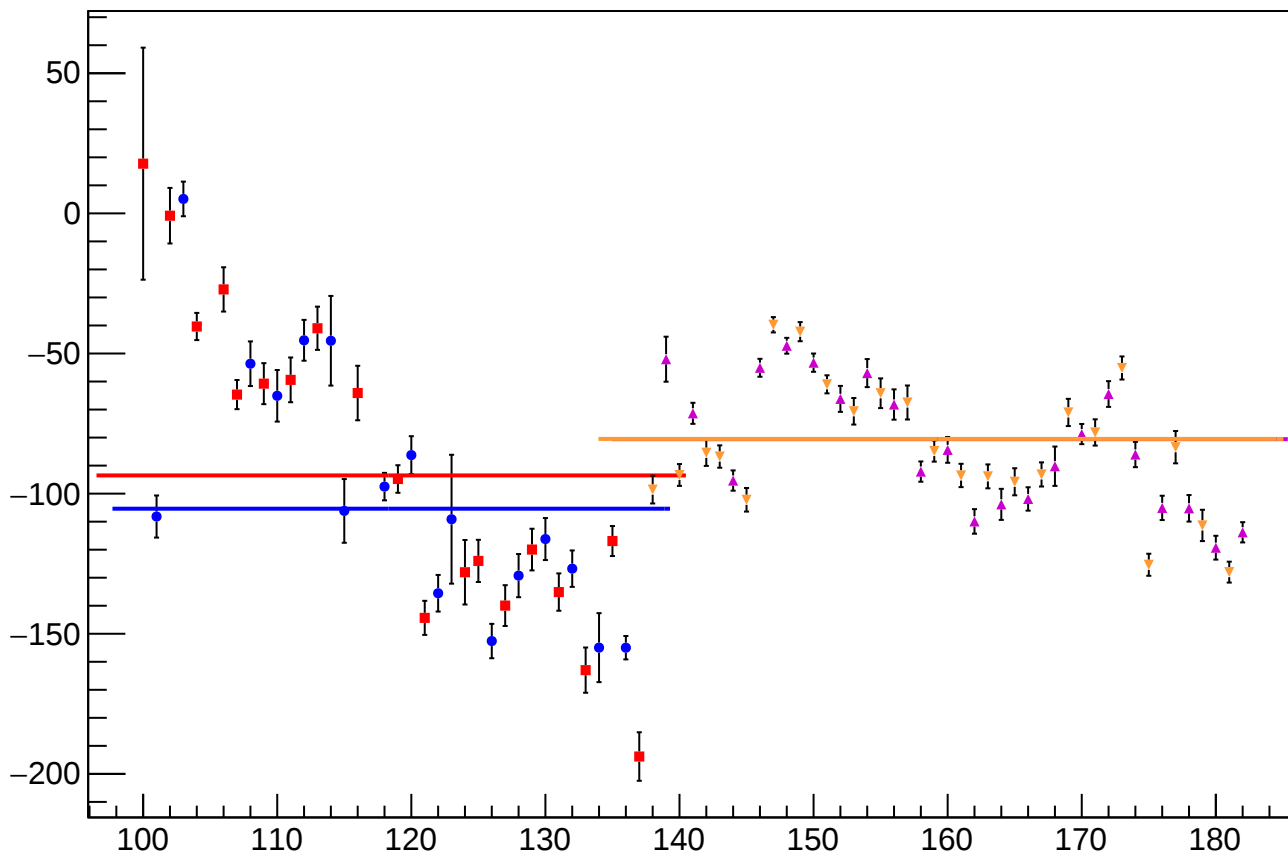
Left In: -251.524 ± 1.003 χ^2/NDF : 1905.7/21

+ sign -261.158 ± 0.949 χ^2/NDF : 4455.9/39

All: -260.319 ± 0.665 χ^2/NDF : 9126.3/80

- sign -259.508 ± 0.932 χ^2/NDF : 4668.9/40

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.376+/-1.716 χ^2/NDF : 734.7/16

Left Out: -80.473+/-0.871 χ^2/NDF :861.4/22

Right Out: -93.504+/-1.612 χ^2/NDF : 824.8/18

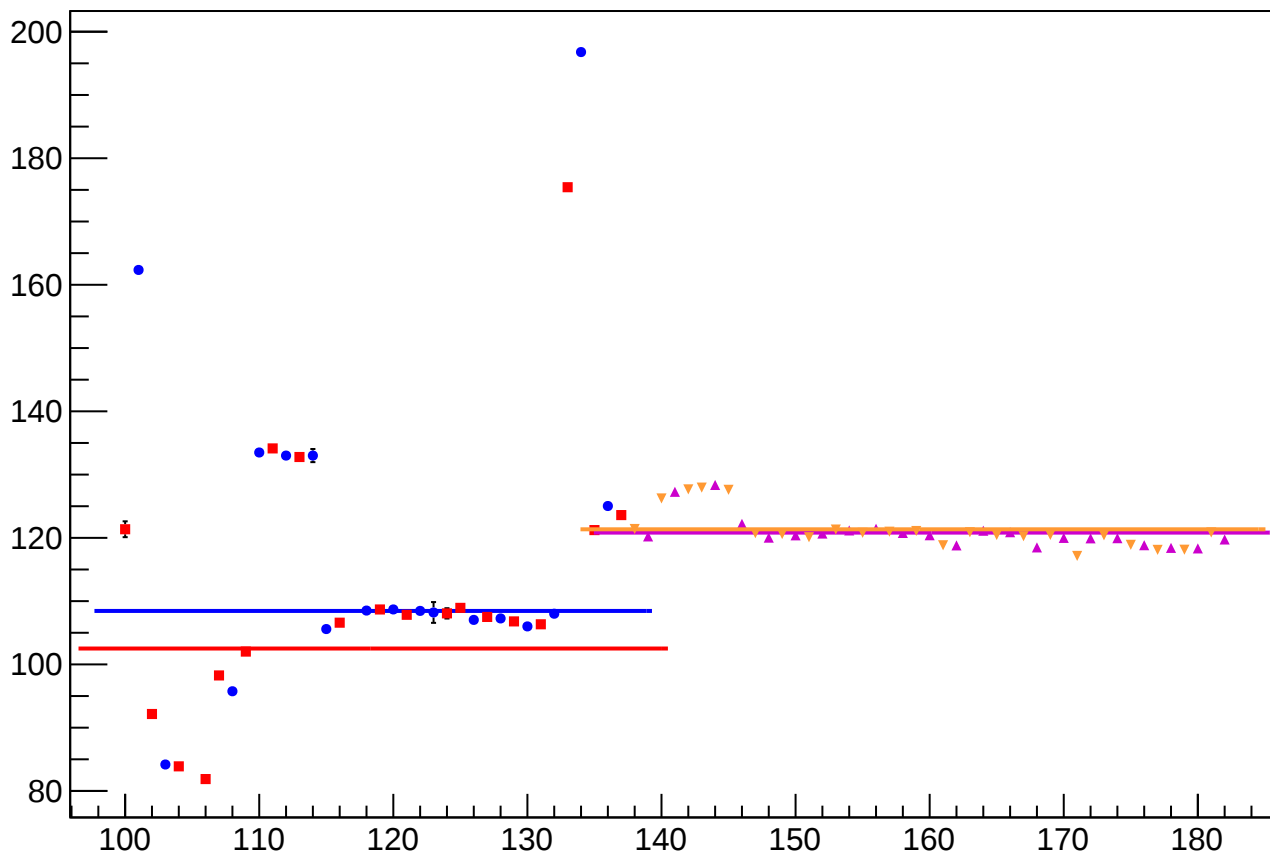
Left In: -80.556+/-0.880 χ^2/NDF :687.9/21

+ sign -85.575+/-0.777 χ^2/NDF : 1763.7/39

All: -84.547+/-0.548 χ^2/NDF : 3329.6/80

- sign -83.529+/-0.773 χ^2/NDF : 1562.4/40

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.450 ± 0.085 $\chi^2/\text{NDF}: 73263.0/16$

Left Out: 121.353 ± 0.042 $\chi^2/\text{NDF}: 4721.0/22$

Right Out: 102.510 ± 0.080 $\chi^2/\text{NDF}: 52979.9/18$

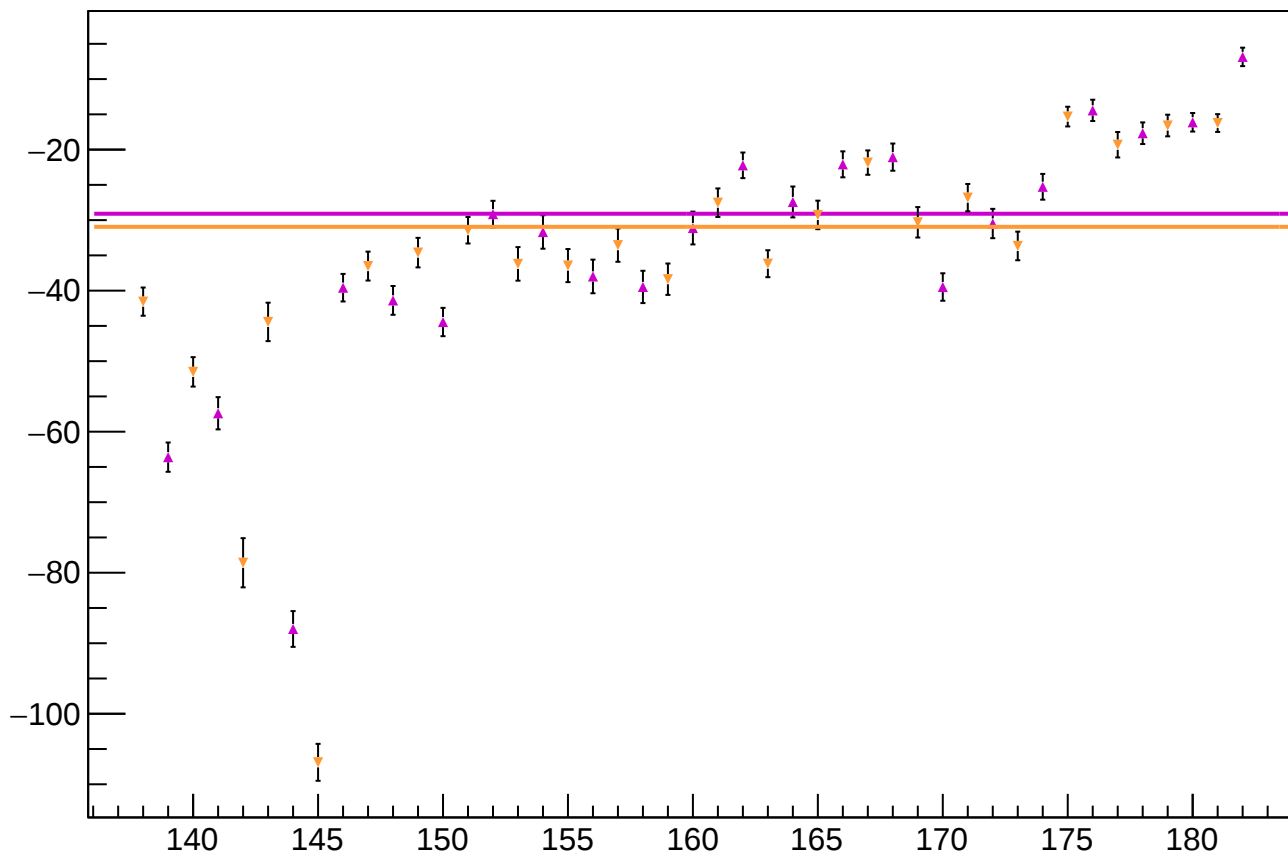
Left In: 120.830 ± 0.041 $\chi^2/\text{NDF}: 3363.9/21$

+ sign 118.856 ± 0.037 $\chi^2/\text{NDF}: 96533.3/39$

All: 117.889 ± 0.026 $\chi^2/\text{NDF}: 195978.3/80$

- sign 116.967 ± 0.037 $\chi^2/\text{NDF}: 98141.8/40$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -30.950+/-0.408 χ^2/NDF :1646.0/22

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

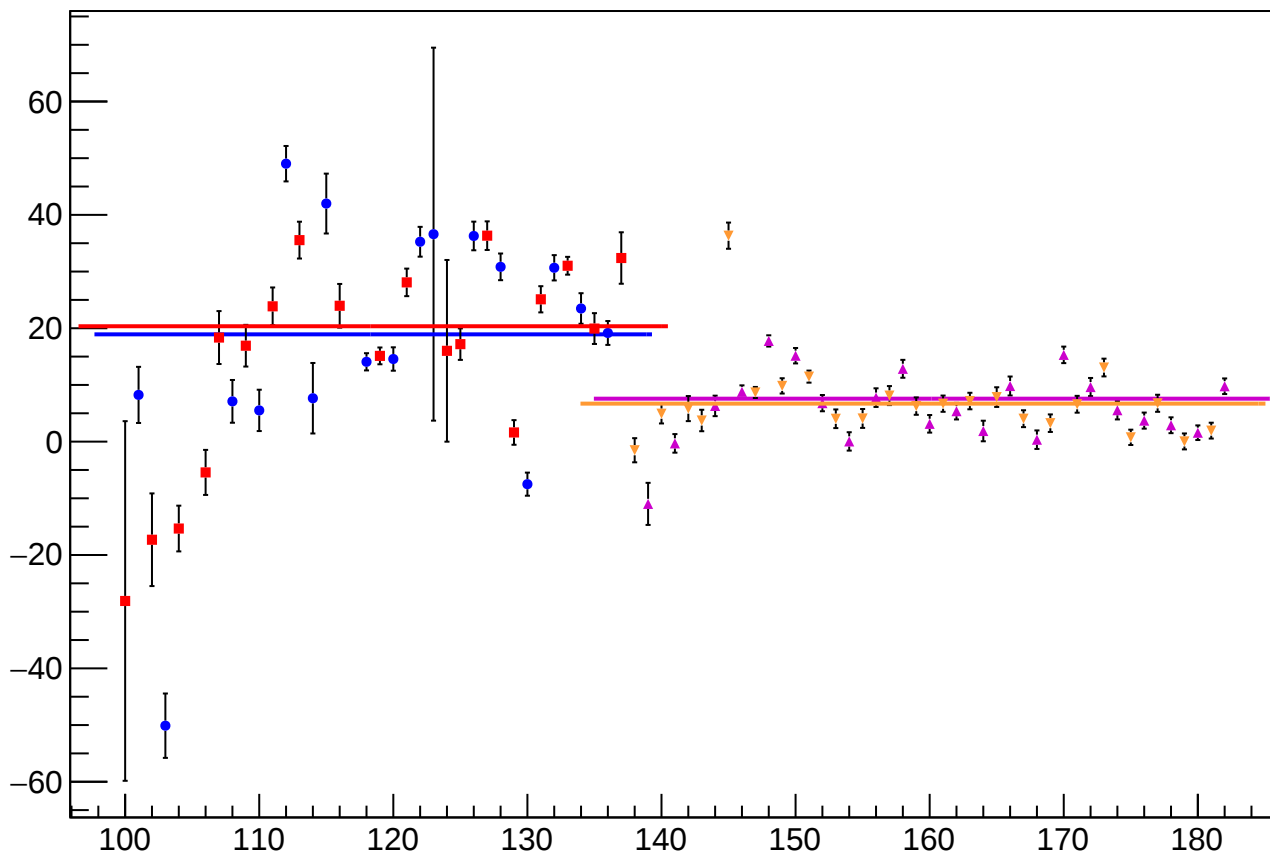
Left In: -29.094+/-0.401 χ^2/NDF :1744.4/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.006+/-0.286 χ^2/NDF : 3400.9/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.924 $\pm$ 0.654 χ^2/NDF : 616.2/16

Left Out: 6.702 $\pm$ 0.312 χ^2/NDF : 297.1/22

Right Out: 20.353 $\pm$ 0.643 χ^2/NDF : 364.7/18

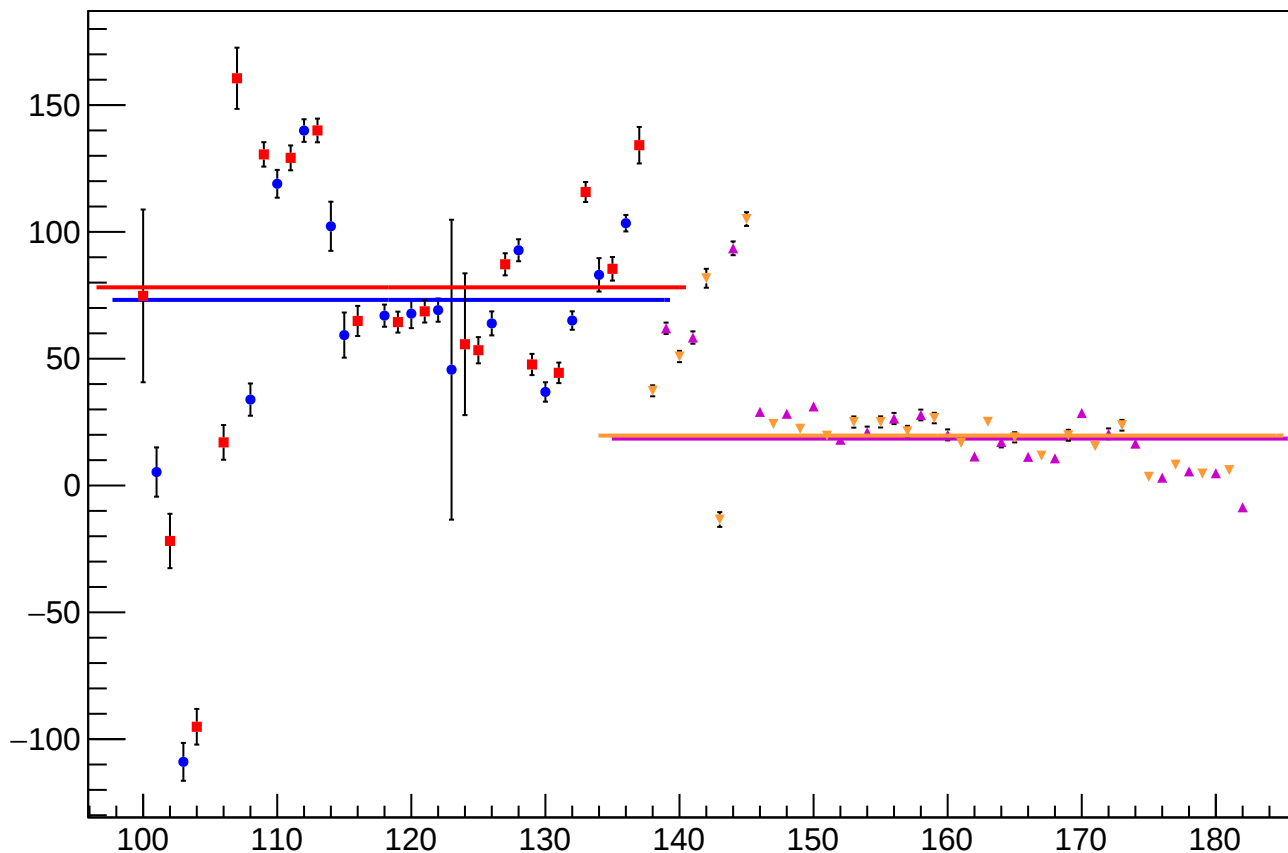
Left In: 7.575 $\pm$ 0.316 χ^2/NDF : 335.2/21

+ sign 8.971 $\pm$ 0.282 χ^2/NDF : 1197.6/39

All: 9.512 $\pm$ 0.200 χ^2/NDF : 2222.8/80

- sign 10.060 $\pm$ 0.284 χ^2/NDF : 1017.8/40

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.189 $\pm$ 1.239 χ^2 /NDF: 1199.7/16

Left Out: 19.687 $\pm$ 0.404 χ^2 /NDF: 2119.3/22

Right Out: 78.140 $\pm$ 1.225 χ^2 /NDF: 1545.8/18

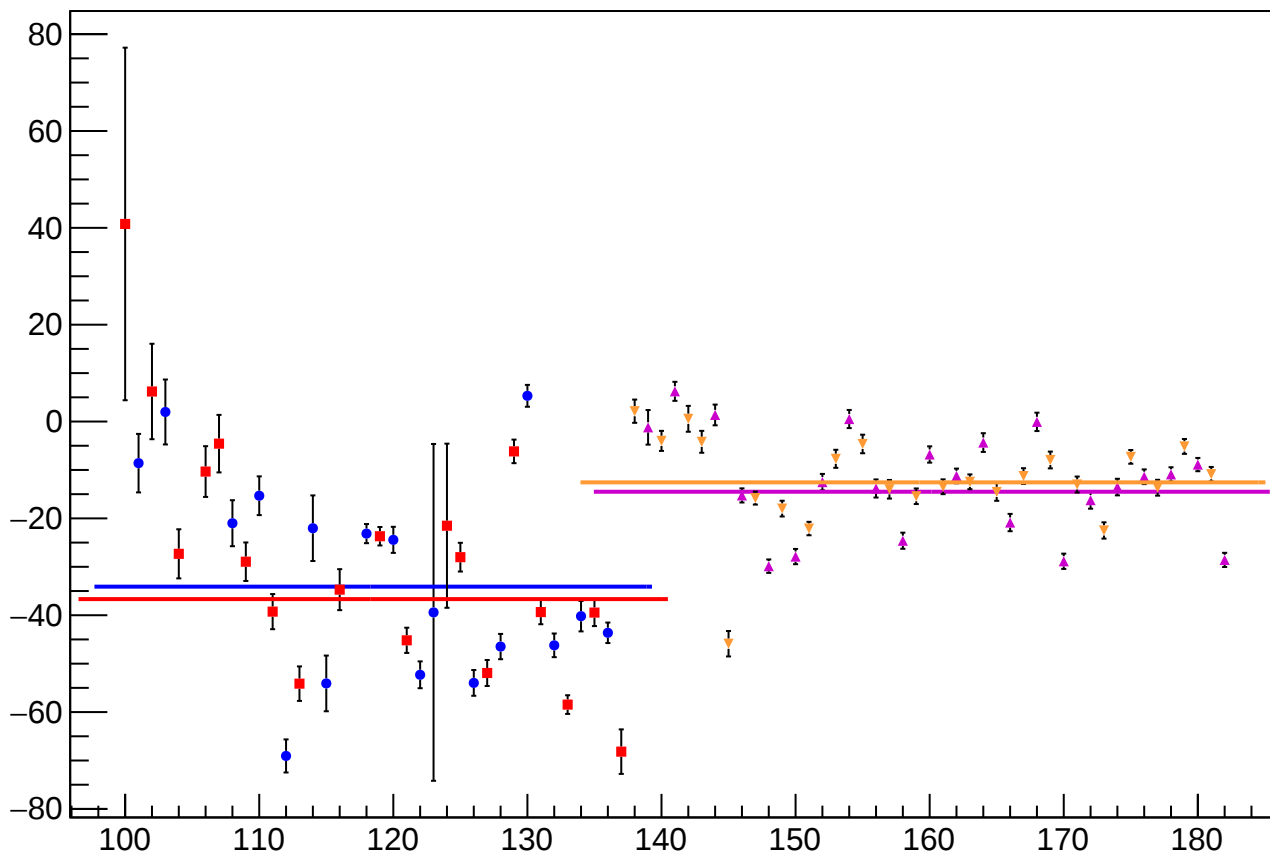
Left In: 18.502 $\pm$ 0.397 χ^2 /NDF: 2306.0/21

+ sign 24.840 $\pm$ 0.384 χ^2 /NDF: 5004.7/39

All: 24.503 $\pm$ 0.270 χ^2 /NDF: 11002.2/80

- sign 24.176 $\pm$ 0.378 χ^2 /NDF: 5996.0/40

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.097 ± 0.746 χ^2/NDF : 714.9/16

Left Out: -12.560 ± 0.356 χ^2/NDF : 427.8/22

Right Out: -36.670 ± 0.737 χ^2/NDF : 542.9/18

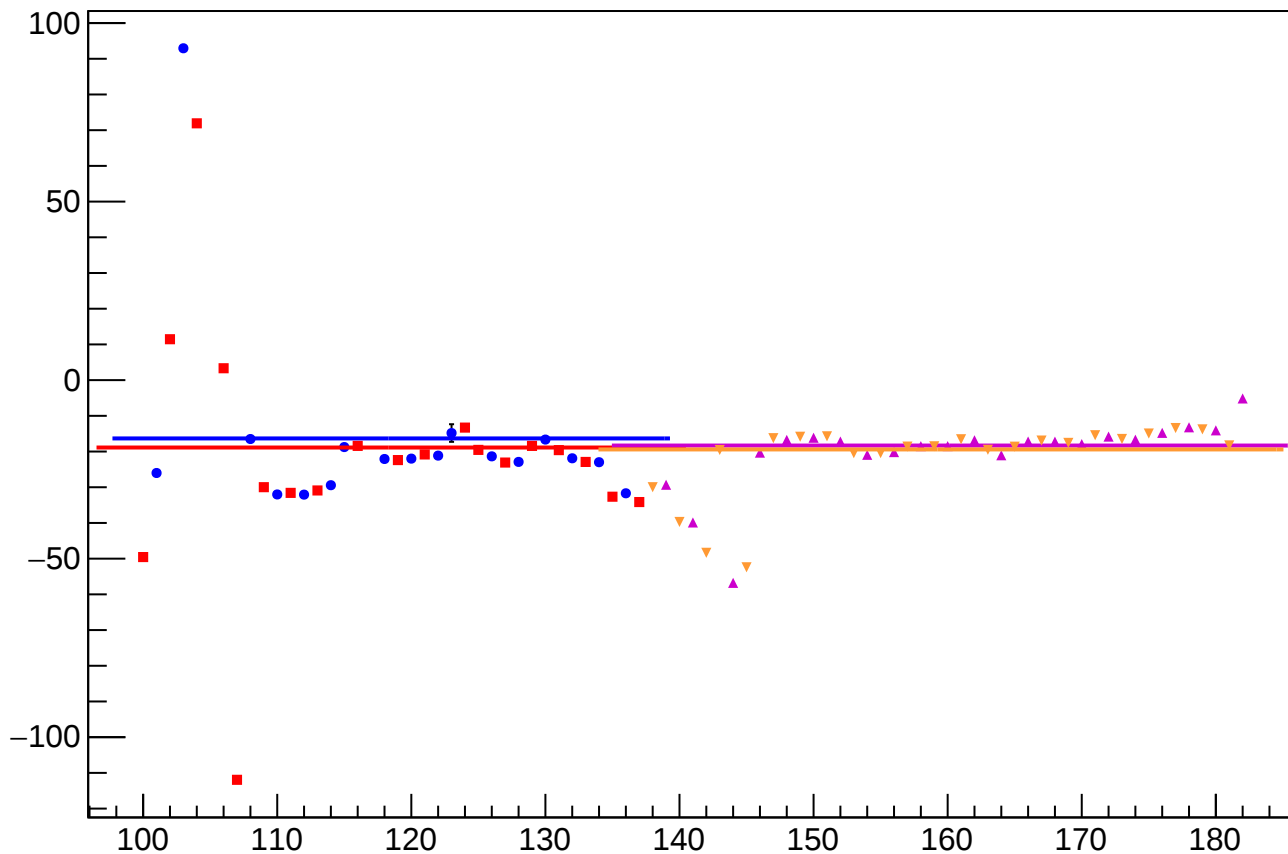
Left In: -14.499 ± 0.357 χ^2/NDF : 804.4/21

+ sign -16.553 ± 0.321 χ^2/NDF : 1821.2/39

All: -17.634 ± 0.227 χ^2/NDF : 3923.4/80

- sign -18.717 ± 0.322 χ^2/NDF : 2079.5/40

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.329 ± 0.045 χ^2/NDF : 474104.2/16

Left Out: -19.413 ± 0.016 χ^2/NDF : 224687.5/22

Right Out: -18.876 ± 0.045 χ^2/NDF : 433788.6/18

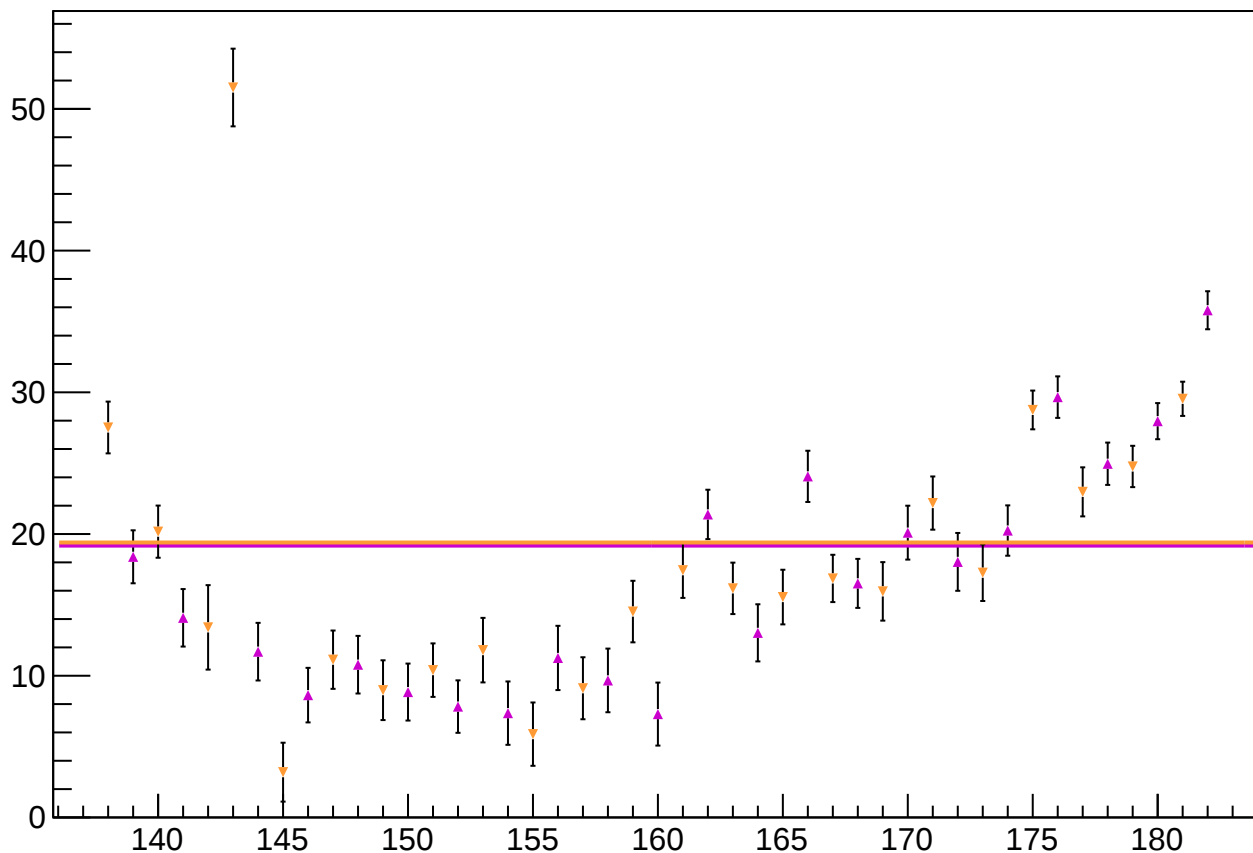
Left In: -18.322 ± 0.016 χ^2/NDF : 231263.8/21

+ sign -19.044 ± 0.015 χ^2/NDF : 702982.9/39

All: -18.711 ± 0.011 χ^2/NDF : 1369084.5/80

- sign -18.385 ± 0.015 χ^2/NDF : 665184.1/40

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 19.403 $\pm$ 0.389 χ^2 /NDF:512.0/22

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

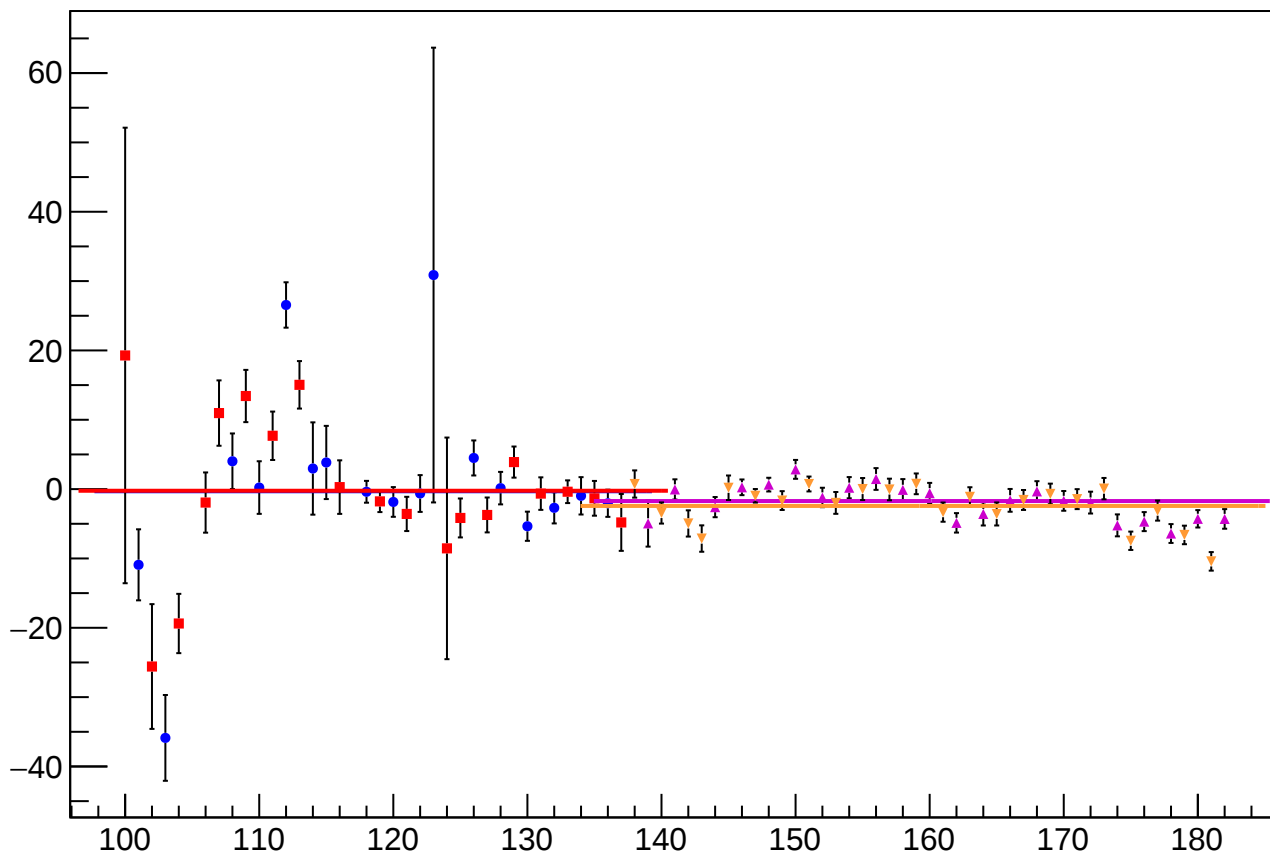
Left In: 19.184 $\pm$ 0.385 χ^2 /NDF:506.3/21

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

All: 19.292 $\pm$ 0.273 χ^2 /NDF: 1018.4/44

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

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.309 ± 0.663 χ^2/NDF : 119.6/16

Left Out: -2.427 ± 0.300 χ^2/NDF : 100.4/22

Right Out: -0.237 ± 0.657 χ^2/NDF : 84.2/18

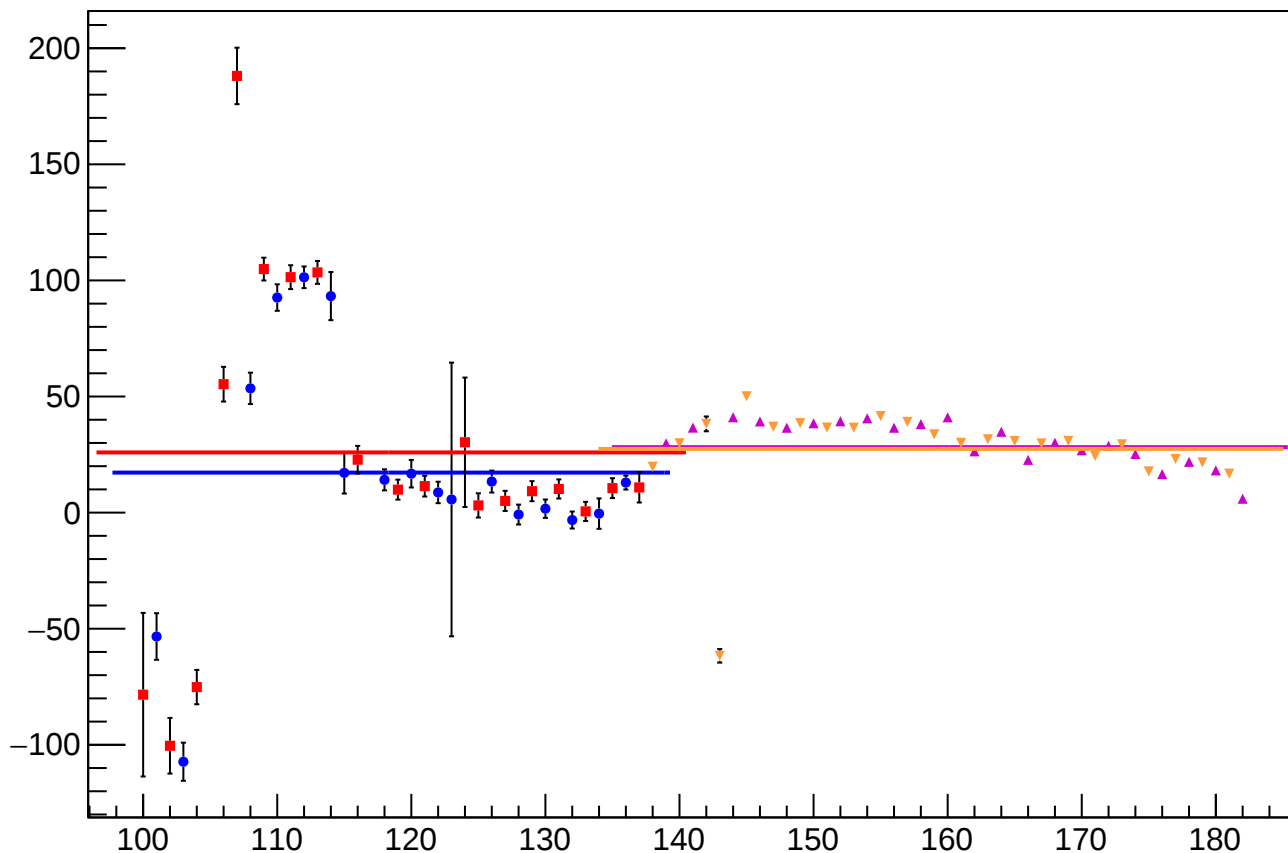
Left In: -1.721 ± 0.304 χ^2/NDF : 66.4/21

+ sign -2.067 ± 0.273 χ^2/NDF : 228.5/39

All: -1.766 ± 0.194 χ^2/NDF : 385.7/80

- sign -1.459 ± 0.276 χ^2/NDF : 154.8/40

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.239 ± 1.249 $\chi^2/\text{NDF}: 940.3/16$

Left Out: 27.451 ± 0.387 $\chi^2/\text{NDF}: 1417.2/22$

Right Out: 25.926 ± 1.246 $\chi^2/\text{NDF}: 1374.8/18$

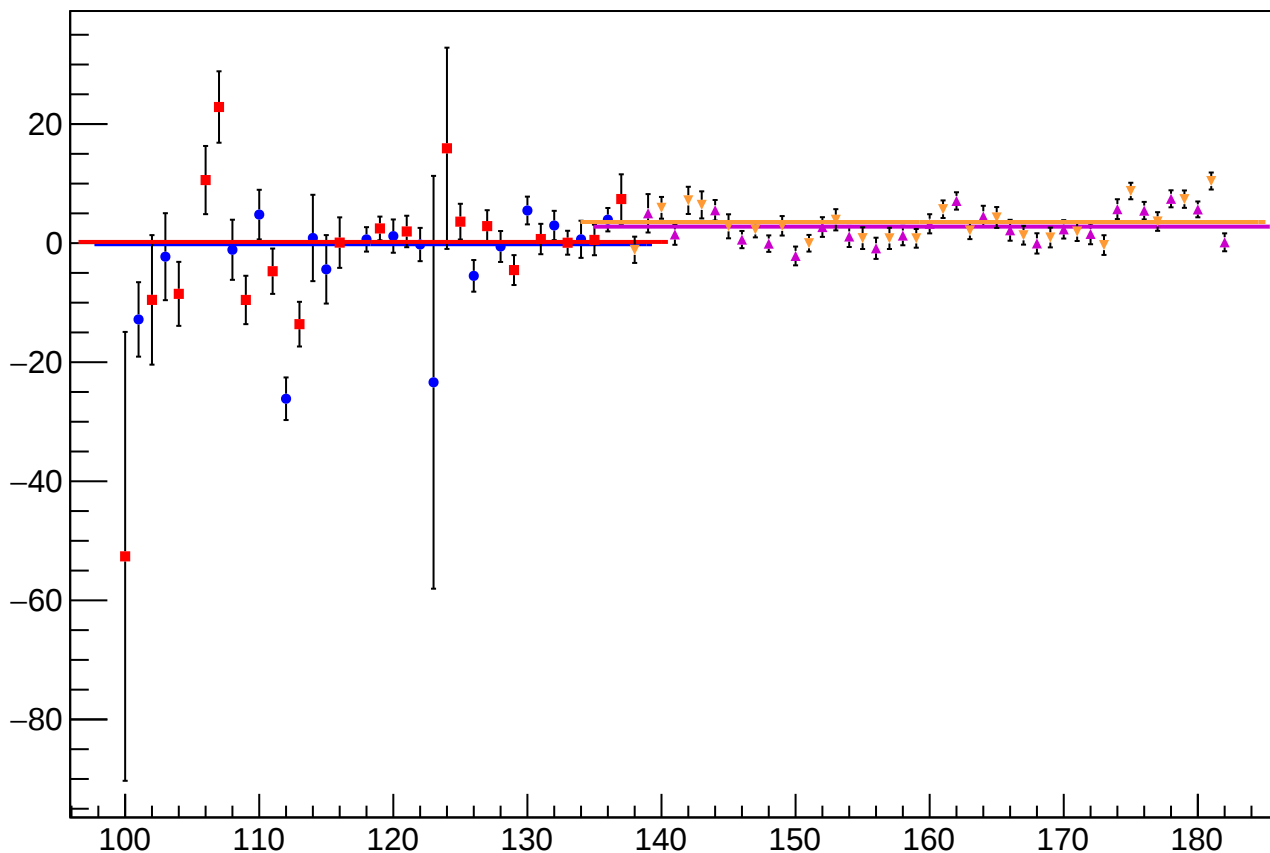
Left In: 28.200 ± 0.382 $\chi^2/\text{NDF}: 713.5/21$

+ sign 26.558 ± 0.369 $\chi^2/\text{NDF}: 2418.6/39$

All: 27.289 ± 0.260 $\chi^2/\text{NDF}: 4517.7/80$

- sign 28.004 ± 0.365 $\chi^2/\text{NDF}: 2091.4/40$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.183 ± 0.753 χ^2/NDF : 75.7/16

Left Out: 3.550 ± 0.341 χ^2/NDF : 84.1/22

Right Out: 0.202 ± 0.750 χ^2/NDF : 55.4/18

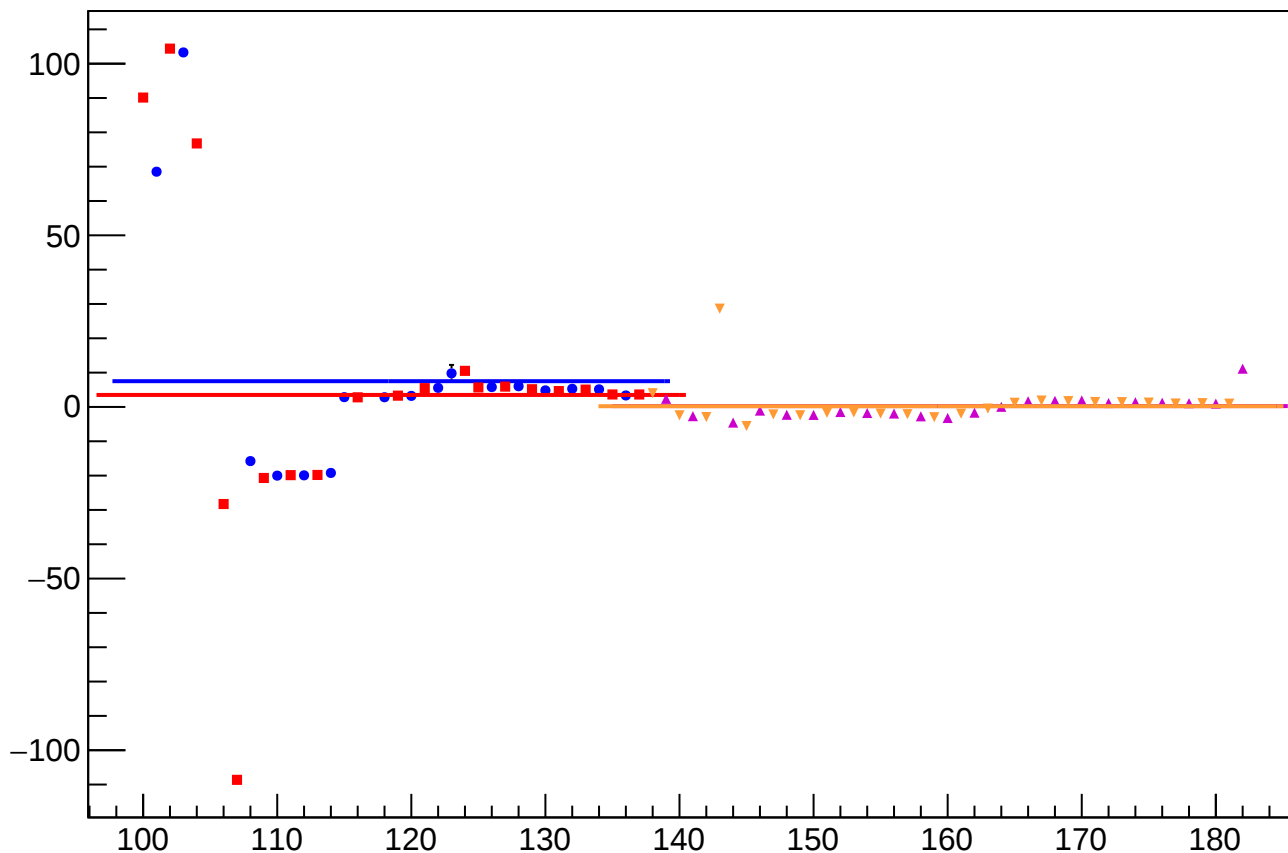
Left In: 2.771 ± 0.344 χ^2/NDF : 63.9/21

+ sign 2.914 ± 0.311 χ^2/NDF : 180.1/39

All: 2.621 ± 0.220 χ^2/NDF : 311.0/80

- sign 2.324 ± 0.313 χ^2/NDF : 129.0/40

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.507 $\pm$ 0.045 χ^2 /NDF: 355810.5/16

Left Out: 0.214 $\pm$ 0.016 χ^2 /NDF: 77765.5/22

Right Out: 3.499 $\pm$ 0.046 χ^2 /NDF: 510576.0/18

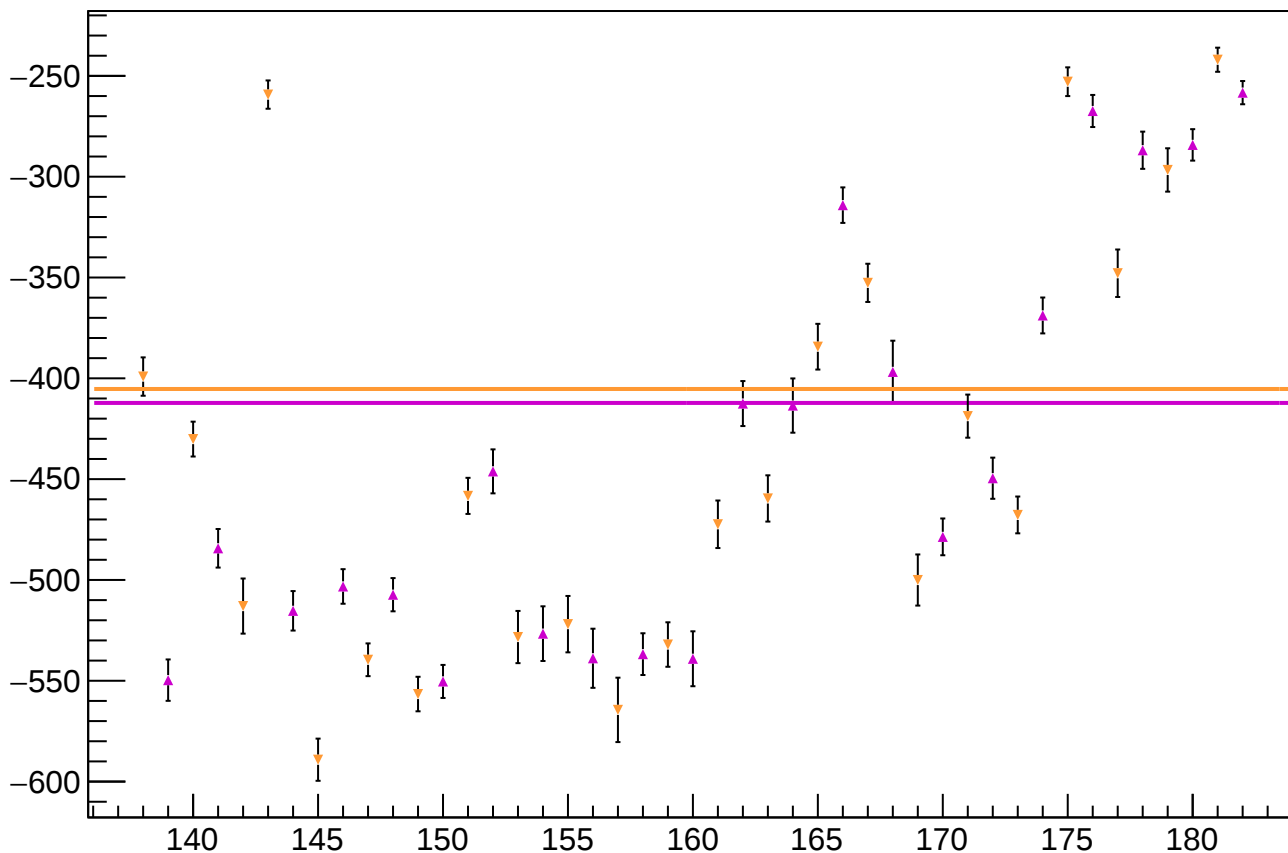
Left In: 0.254 $\pm$ 0.016 χ^2 /NDF: 41673.3/21

+ sign 1.016 $\pm$ 0.015 χ^2 /NDF: 457284.0/39

All: 0.803 $\pm$ 0.010 χ^2 /NDF: 1014464.0/80

- sign 0.592 $\pm$ 0.015 χ^2 /NDF: 556767.3/40

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -405.285+/-2.008 χ^2/NDF : 3347.0/22

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

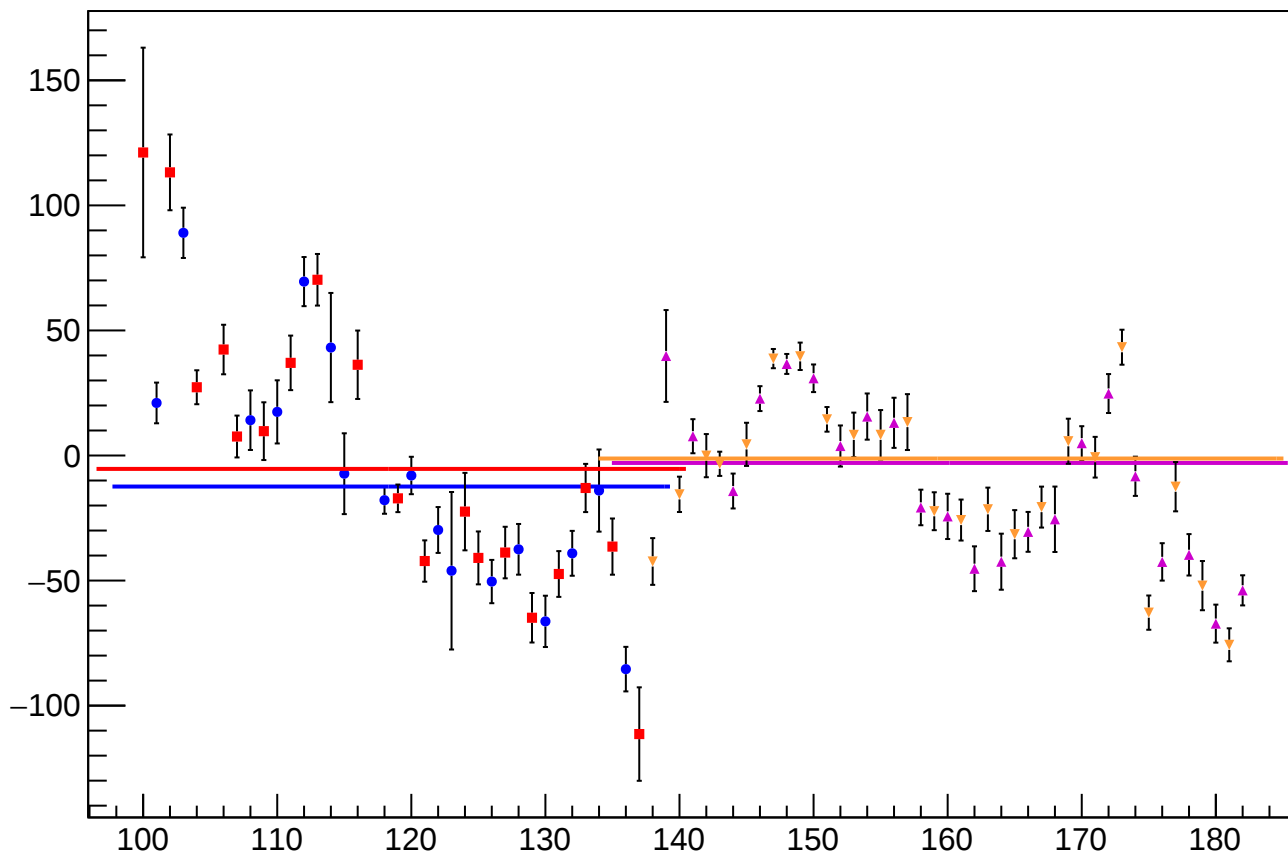
Left In: -412.204+/-2.015 χ^2/NDF : 2977.7/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -408.733+/-1.422 χ^2/NDF : 6330.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.408 ± 2.353 χ^2/NDF : 340.6/16

Left Out: -1.205 ± 1.477 χ^2/NDF : 516.9/22

Right Out: -5.355 ± 2.261 χ^2/NDF : 344.1/18

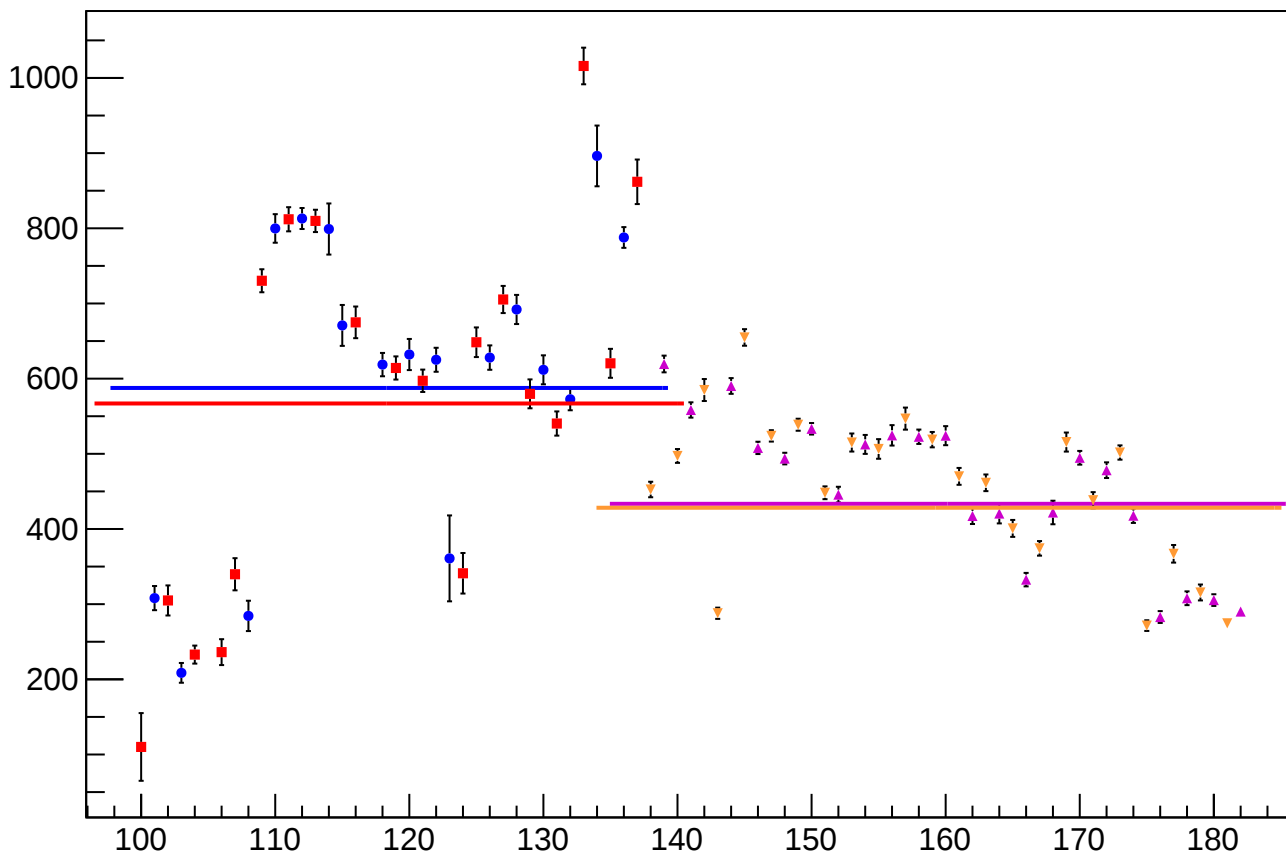
Left In: -2.975 ± 1.537 χ^2/NDF : 447.1/21

+ sign -4.372 ± 1.251 χ^2/NDF : 873.8/39

All: -4.055 ± 0.892 χ^2/NDF : 1665.9/80

- sign -3.727 ± 1.271 χ^2/NDF : 792.0/40

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.620 $\pm$ 4.361 χ^2 /NDF: 2127.1/16

Left Out: 428.251 $\pm$ 2.008 χ^2 /NDF:2942.7/22

Right Out: 566.959 $\pm$ 4.142 χ^2 /NDF: 2782.6/18

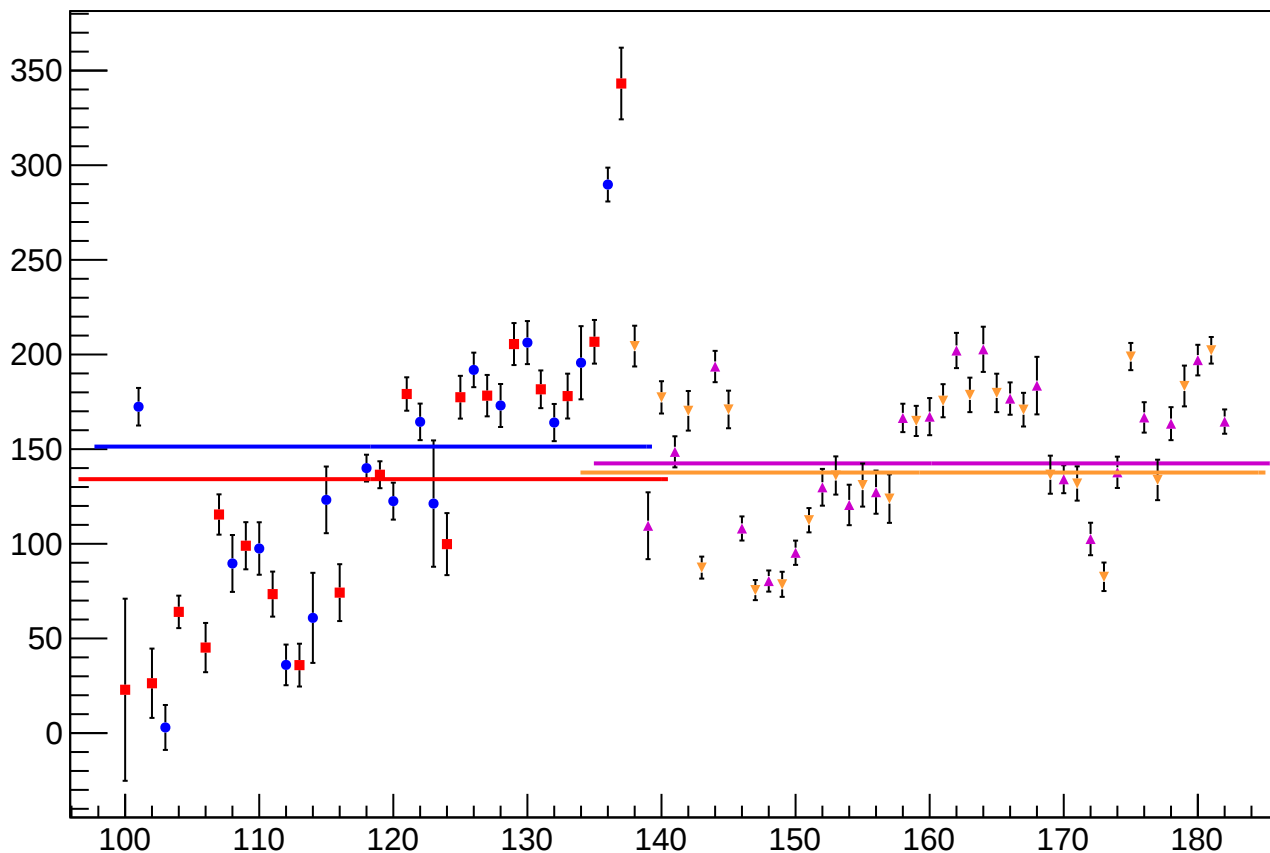
Left In: 433.486 $\pm$ 2.003 χ^2 /NDF:2788.3/21

+ sign 456.115 $\pm$ 1.824 χ^2 /NDF: 6171.6/39

All: 457.467 $\pm$ 1.282 χ^2 /NDF: 12585.0/80

- sign 458.788 $\pm$ 1.804 χ^2 /NDF: 6412.3/40

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.359 ± 2.715 χ^2/NDF : 632.2/16

Left Out: 137.645 ± 1.721 χ^2/NDF : 700.4/22

Right Out: 134.147 ± 2.620 χ^2/NDF : 582.9/18

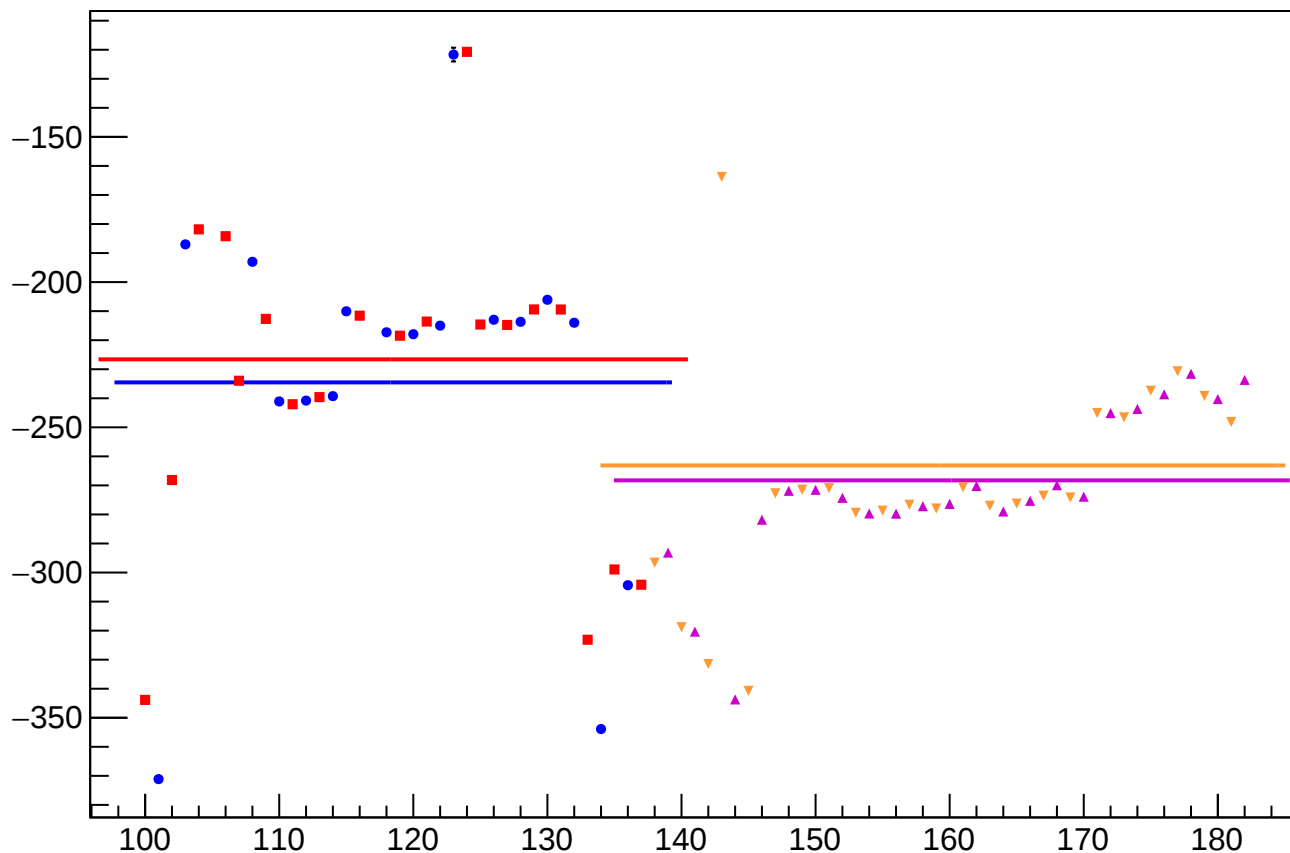
Left In: 142.479 ± 1.767 χ^2/NDF : 459.3/21

+ sign 141.577 ± 1.454 χ^2/NDF : 1350.8/39

All: 140.732 ± 1.032 χ^2/NDF : 2400.7/80

- sign 139.874 ± 1.465 χ^2/NDF : 1049.2/40

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.530 ± 0.149 χ^2/NDF : 145014.5/16

Left Out: -263.122 ± 0.083 χ^2/NDF : 209981.4/22

Right Out: -226.593 ± 0.142 χ^2/NDF : 98973.6/18

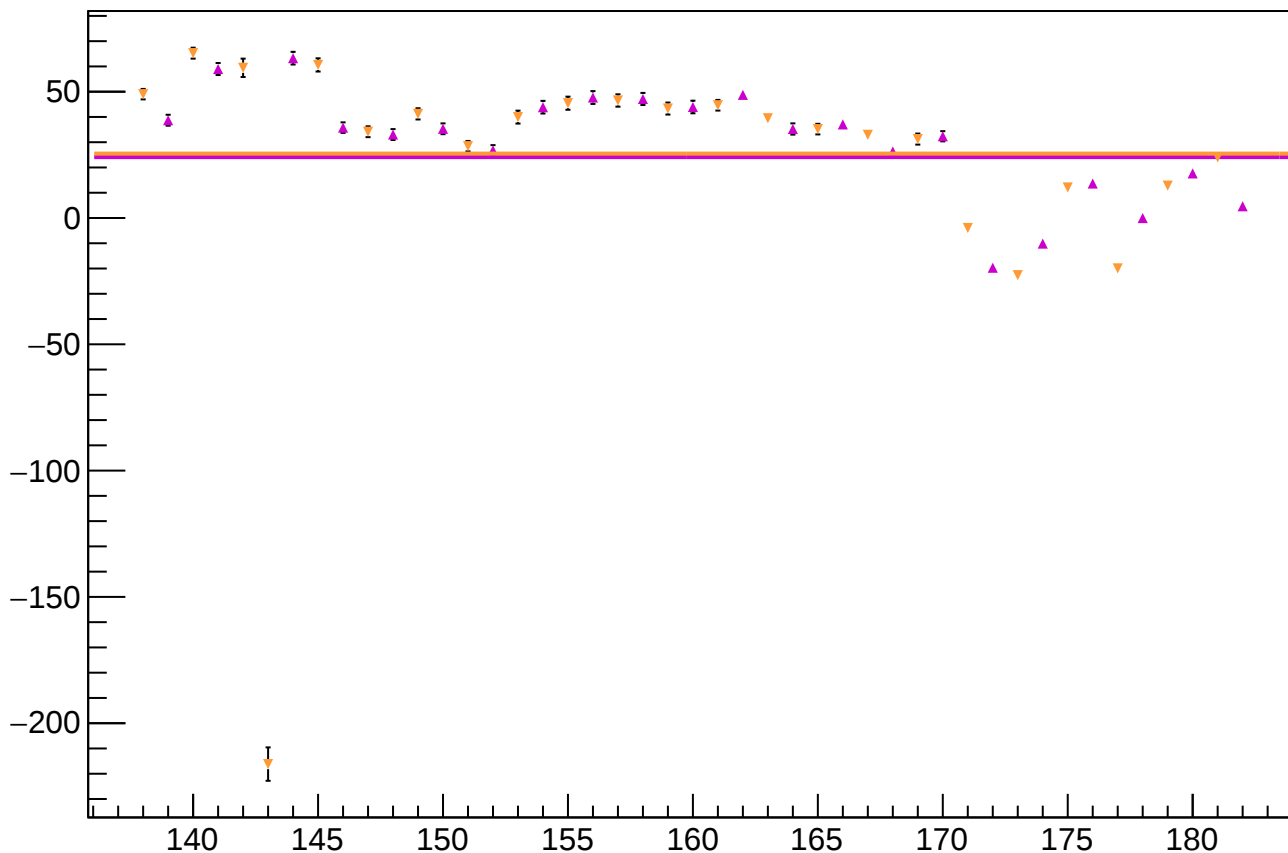
Left In: -268.267 ± 0.083 χ^2/NDF : 94366.9/21

+ sign -256.357 ± 0.073 χ^2/NDF : 383025.8/39

All: -257.002 ± 0.051 χ^2/NDF : 641083.7/80

- sign -257.628 ± 0.072 χ^2/NDF : 257902.1/40

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 25.502+/-0.418 χ^2/NDF :4133.7/22

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

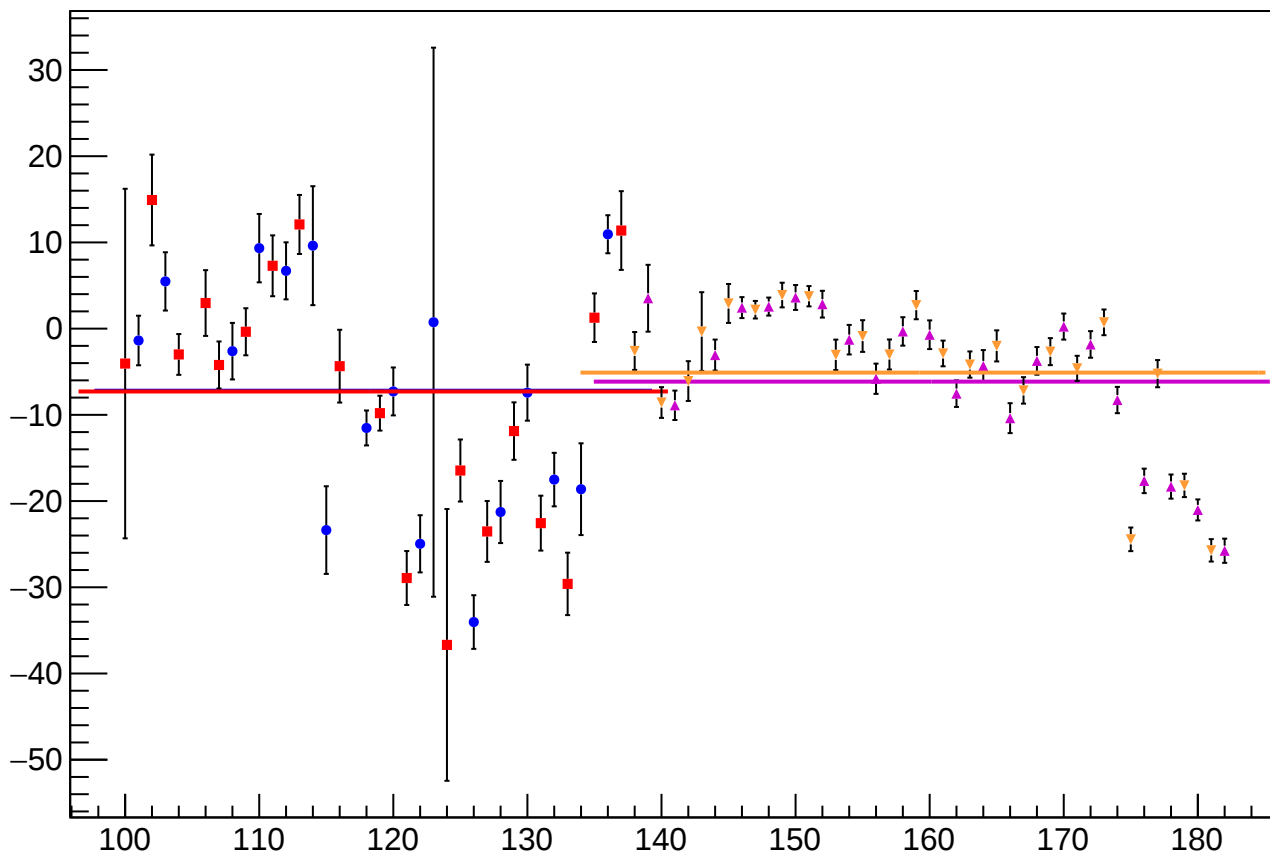
Left In: 24.105+/-0.407 χ^2/NDF :2548.2/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.785+/-0.292 χ^2/NDF : 6687.6/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.201 ± 0.790 χ^2/NDF : 277.5/16

Left Out: -5.098 ± 0.325 χ^2/NDF : 766.7/22

Right Out: -7.289 ± 0.762 χ^2/NDF : 255.0/18

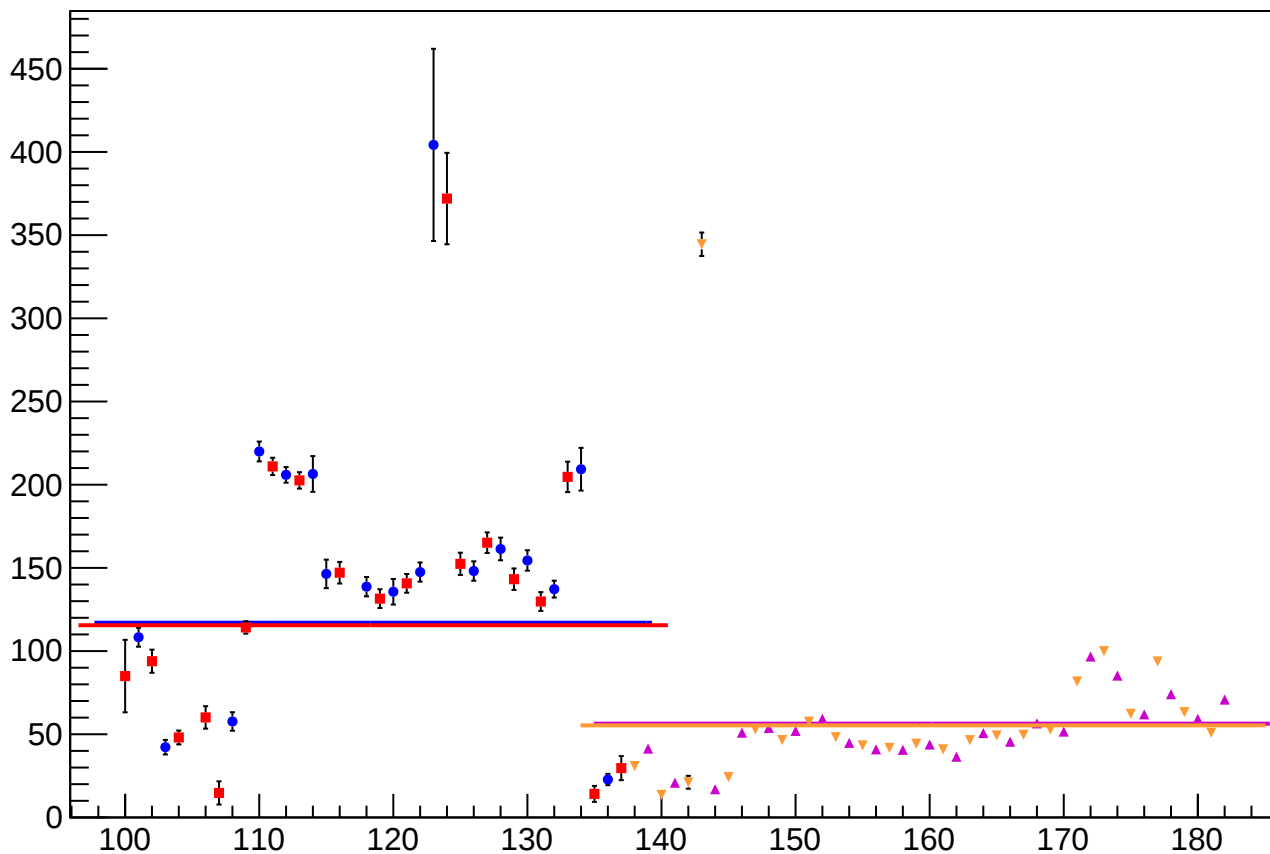
Left In: -6.148 ± 0.324 χ^2/NDF : 764.9/21

+ sign -5.403 ± 0.301 χ^2/NDF : 1050.2/39

All: -5.866 ± 0.212 χ^2/NDF : 2076.8/80

- sign -6.323 ± 0.298 χ^2/NDF : 1021.8/40

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.046 $\pm$ 1.419 χ^2 /NDF: 2159.0/16

Left Out: 55.340 $\pm$ 0.416 χ^2 /NDF:3700.9/22

Right Out: 115.529 $\pm$ 1.363 χ^2 /NDF: 2135.6/18

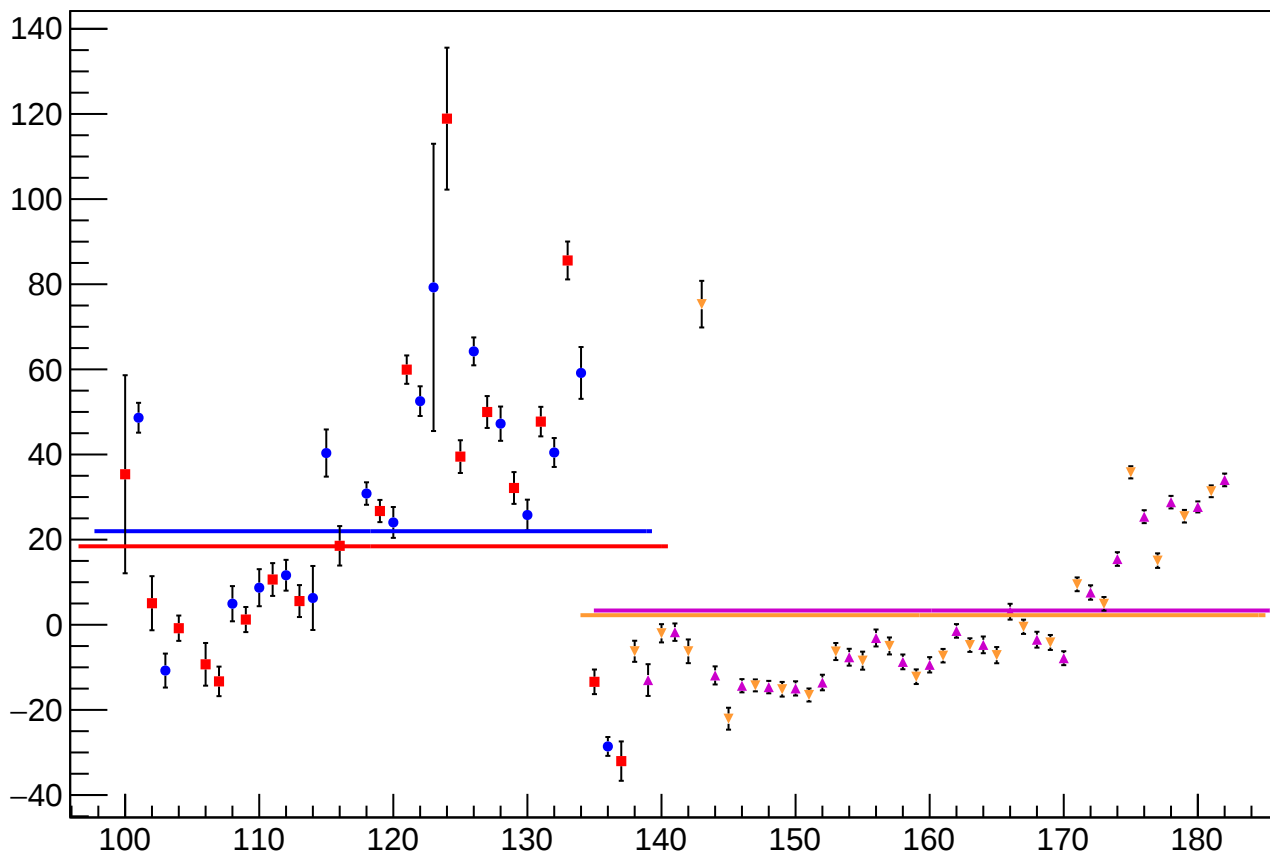
Left In: 56.377 $\pm$ 0.405 χ^2 /NDF:1667.9/21

+ sign 60.213 $\pm$ 0.399 χ^2 /NDF: 7601.0/39

All: 60.706 $\pm$ 0.278 χ^2 /NDF: 13138.2/80

- sign 61.173 $\pm$ 0.388 χ^2 /NDF: 5534.2/40

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 21.981 $\pm$ 0.900 χ^2 /NDF: 1061.2/16

Left Out: 2.250 $\pm$ 0.369 χ^2 /NDF:2216.8/22

Right Out: 18.432 $\pm$ 0.873 χ^2 /NDF: 1066.0/18

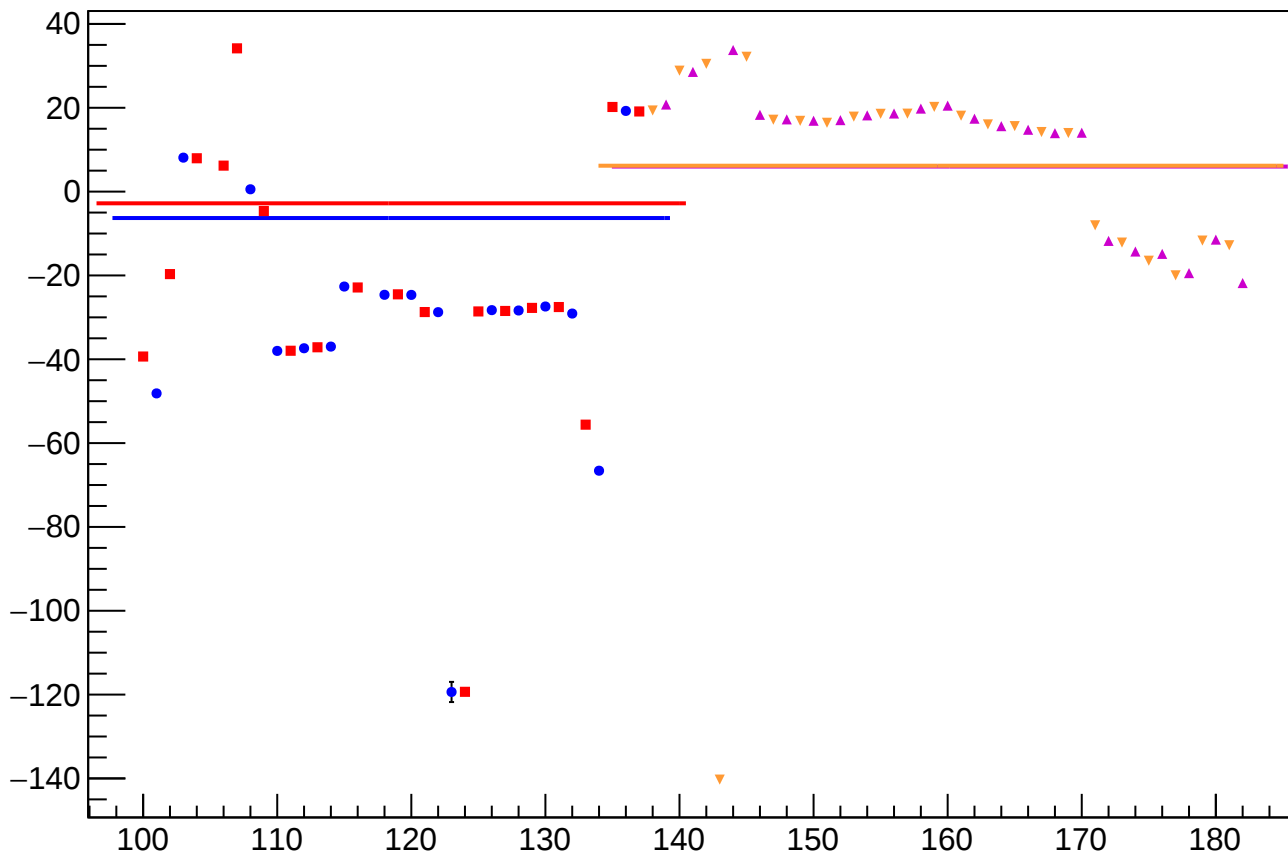
Left In: 3.352 $\pm$ 0.366 χ^2 /NDF:2131.4/21

+ sign 5.089 $\pm$ 0.342 χ^2 /NDF: 3689.2/39

All: 5.350 $\pm$ 0.240 χ^2 /NDF: 7141.9/80

- sign 5.604 $\pm$ 0.337 χ^2 /NDF: 3451.5/40

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.304 ± 0.046 χ^2/NDF : 264097.6/16

Left Out: 6.178 ± 0.017 χ^2/NDF : 1144632.5/22

Right Out: -2.793 ± 0.046 χ^2/NDF : 265022.4/18

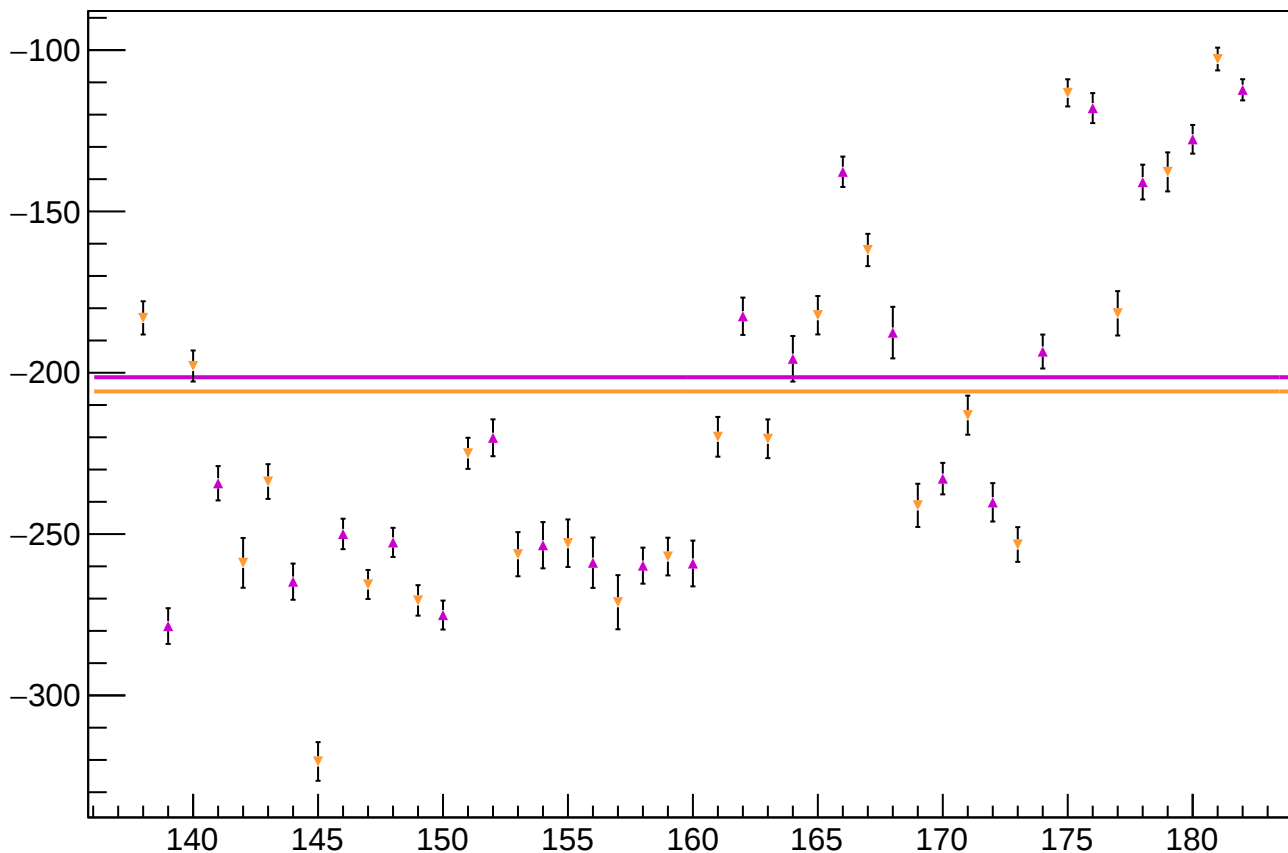
Left In: 5.976 ± 0.017 χ^2/NDF : 1012527.4/21

+ sign 4.695 ± 0.016 χ^2/NDF : 1472594.7/39

All: 4.829 ± 0.011 χ^2/NDF : 2782699.0/80

- sign 4.956 ± 0.016 χ^2/NDF : 1309968.0/40

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -205.785+/-1.138 χ^2/NDF : 2764.8/22

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

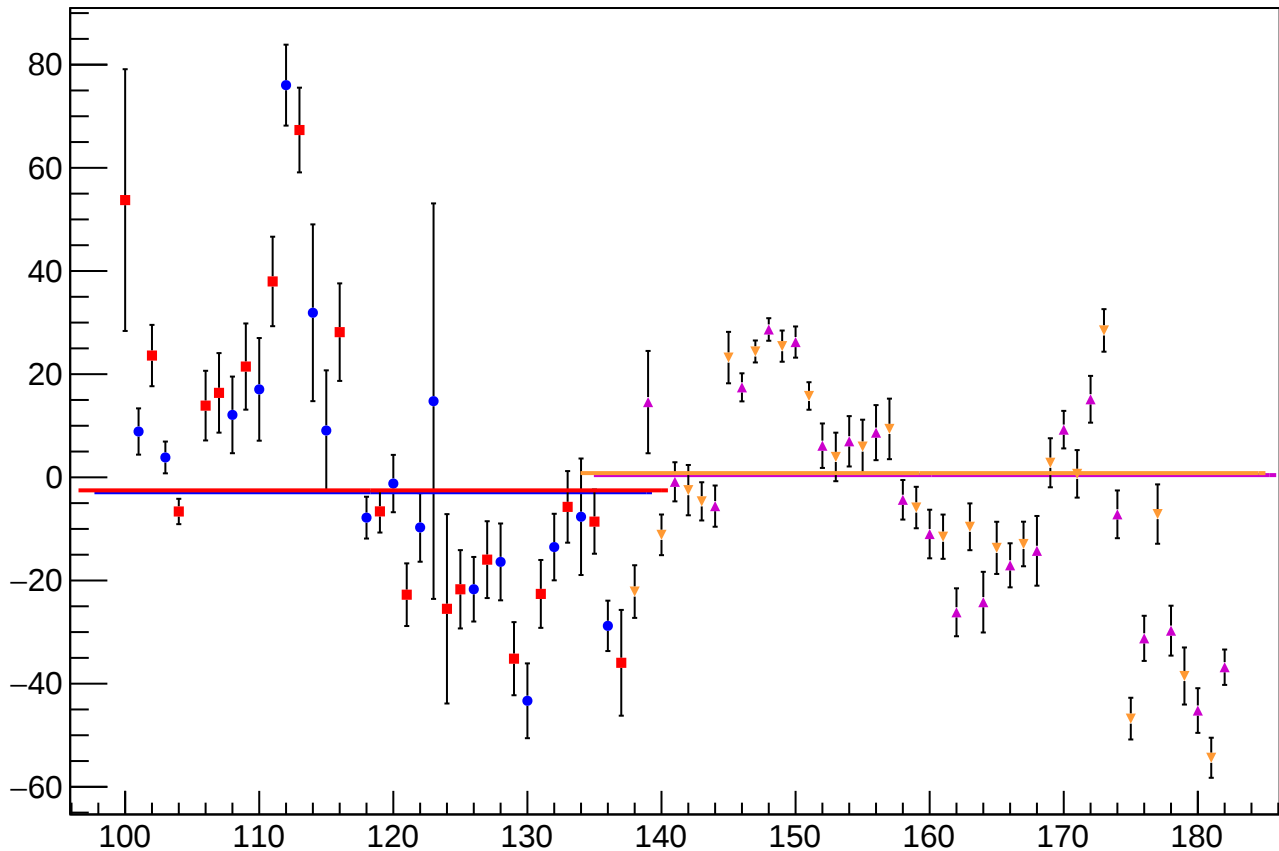
Left In: -201.387+/-1.116 χ^2/NDF : 2901.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.543+/-0.797 χ^2/NDF : 5674.2/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.891 ± 1.469 χ^2/NDF : 203.4/16

Left Out: 0.821 ± 0.834 χ^2/NDF : 748.5/22

Right Out: -2.525 ± 1.398 χ^2/NDF : 217.5/18

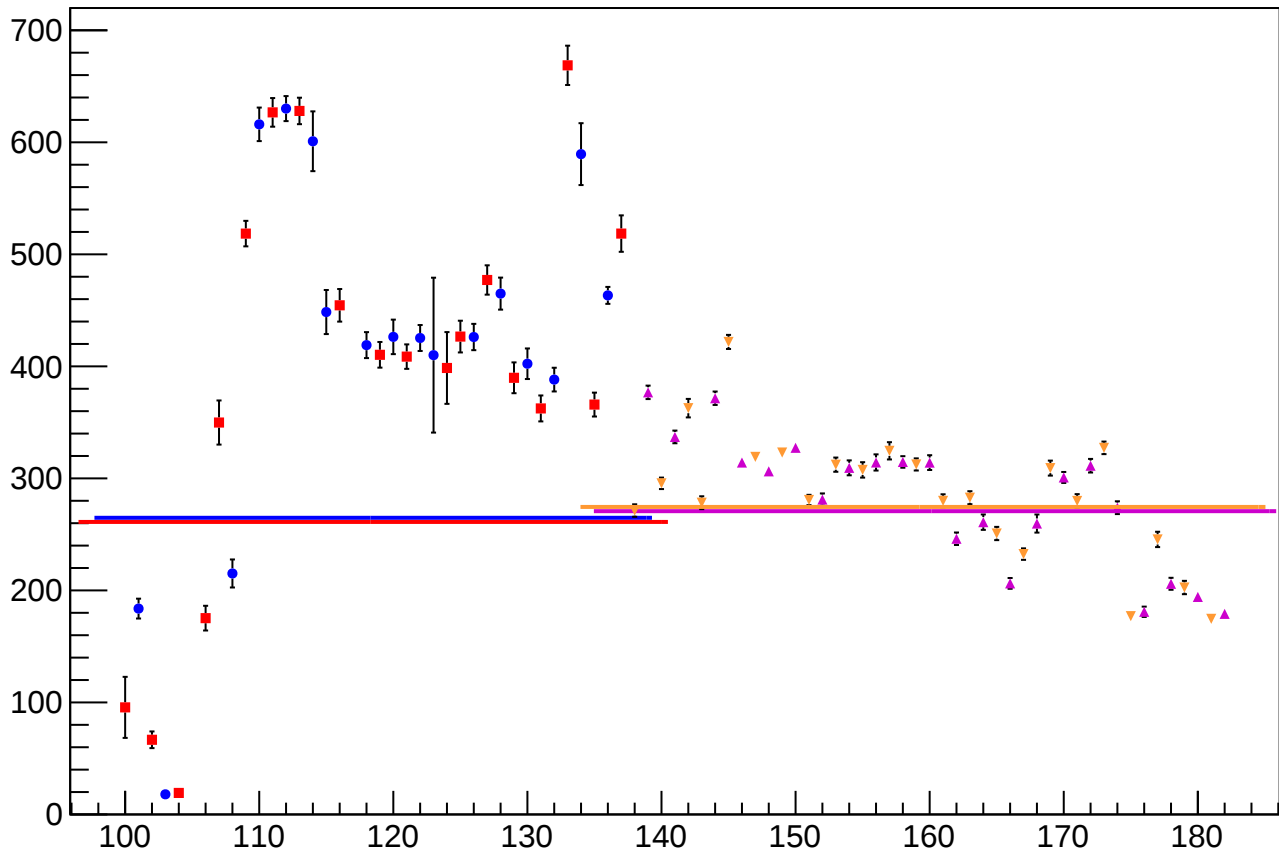
Left In: 0.432 ± 0.846 χ^2/NDF : 707.6/21

+ sign -0.084 ± 0.725 χ^2/NDF : 956.8/39

All: -0.223 ± 0.512 χ^2/NDF : 1885.2/80

- sign -0.361 ± 0.724 χ^2/NDF : 928.3/40

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 264.819 $\pm$ 2.491 χ^2 /NDF: 7613.2/16

Left Out: 274.513 $\pm$ 1.132 χ^2 /NDF: 2715.3/22

Right Out: 261.125 $\pm$ 2.460 χ^2 /NDF: 8195.5/18

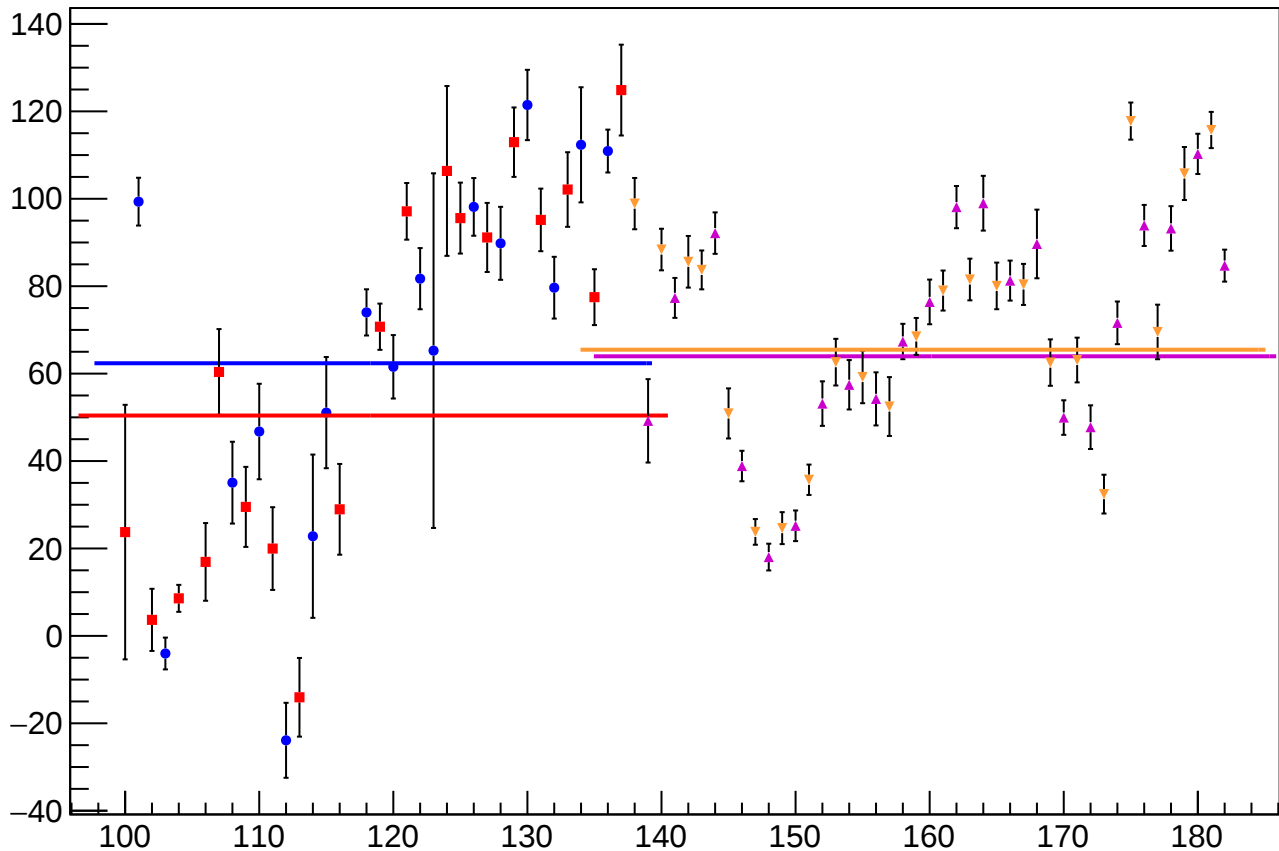
Left In: 270.729 $\pm$ 1.107 χ^2 /NDF: 3105.5/21

+ sign 272.853 $\pm$ 1.031 χ^2 /NDF: 10341.0/39

All: 270.943 $\pm$ 0.721 χ^2 /NDF: 21661.4/80

- sign 269.111 $\pm$ 1.010 χ^2 /NDF: 11313.7/40

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.373 $\pm$ 1.697 χ^2/NDF : 720.9/16

Left Out: 65.474 $\pm$ 0.971 χ^2/NDF : 932.8/22

Right Out: 50.412 $\pm$ 1.644 χ^2/NDF : 653.8/18

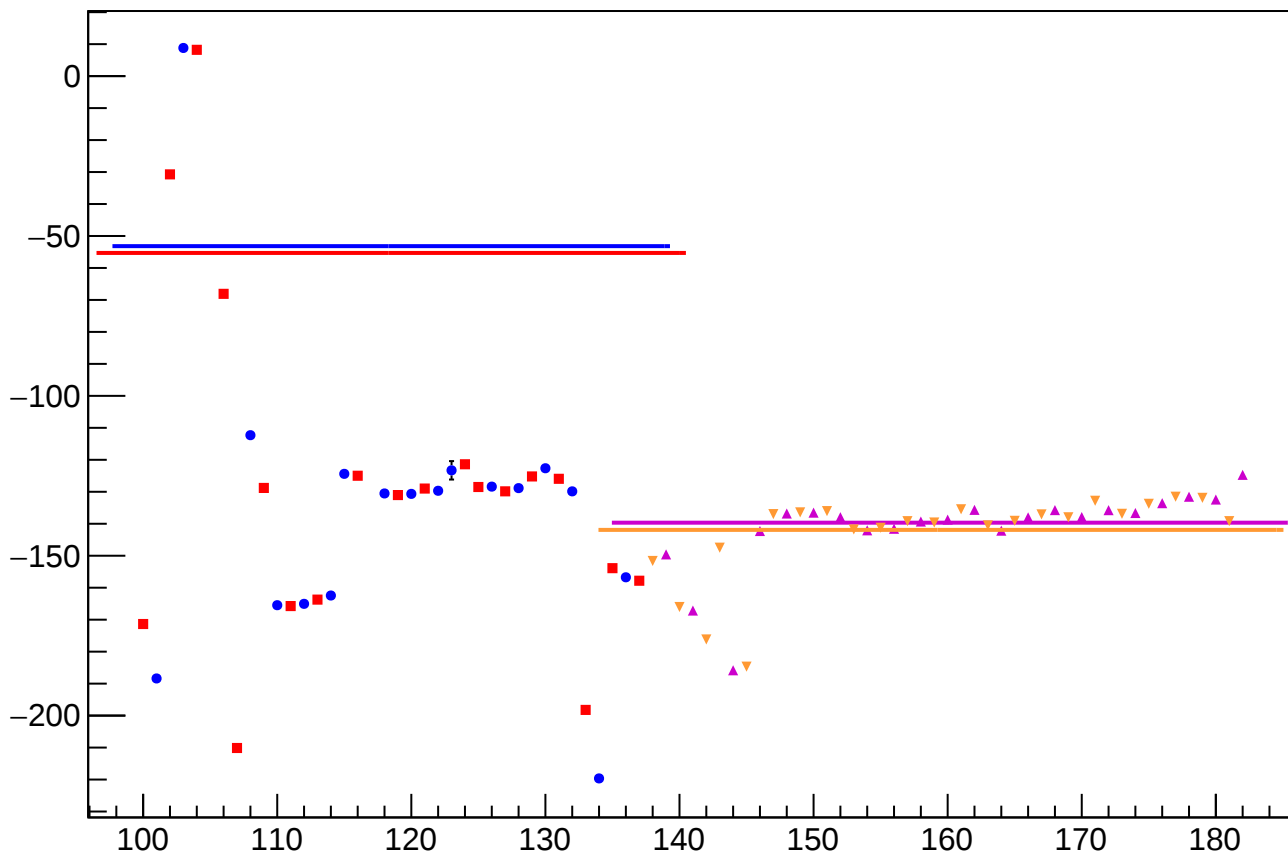
Left In: 63.964 $\pm$ 0.974 χ^2/NDF : 799.4/21

+ sign 64.709 $\pm$ 0.843 χ^2/NDF : 1656.2/39

All: 62.564 $\pm$ 0.594 χ^2/NDF : 3172.6/80

- sign 60.443 $\pm$ 0.838 χ^2/NDF : 1503.5/40

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.177 ± 0.070 χ^2/NDF : 1223993.8/16

Left Out: -141.919 ± 0.047 χ^2/NDF : 65750.1/22

Right Out: -55.301 ± 0.072 χ^2/NDF : 965954.6/18

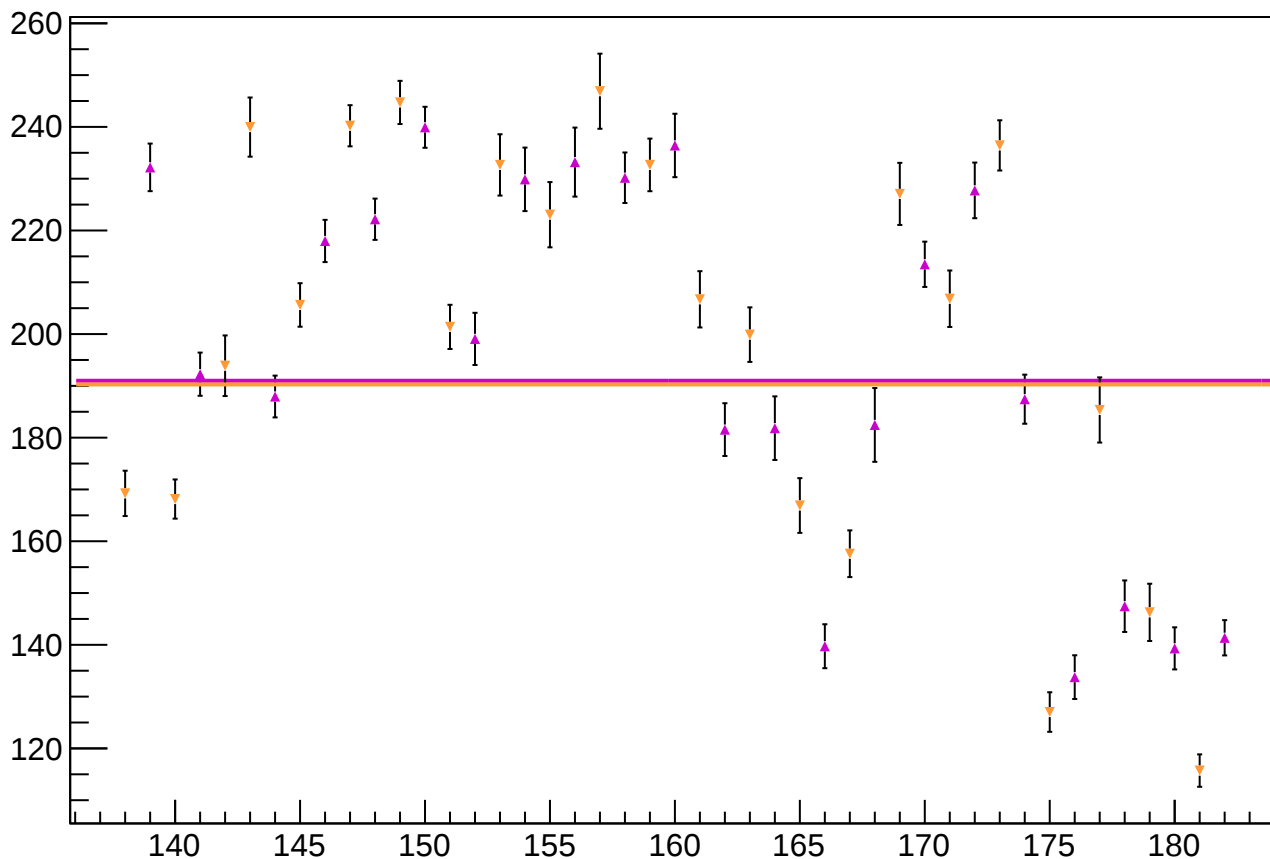
Left In: -139.665 ± 0.046 χ^2/NDF : 60735.9/21

+ sign -114.879 ± 0.039 χ^2/NDF : 2393029.3/39

All: -115.192 ± 0.027 χ^2/NDF : 4399940.4/80

- sign -115.498 ± 0.039 χ^2/NDF : 2006783.2/40

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 190.276+/-0.993 χ^2/NDF : 1818.6/22

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

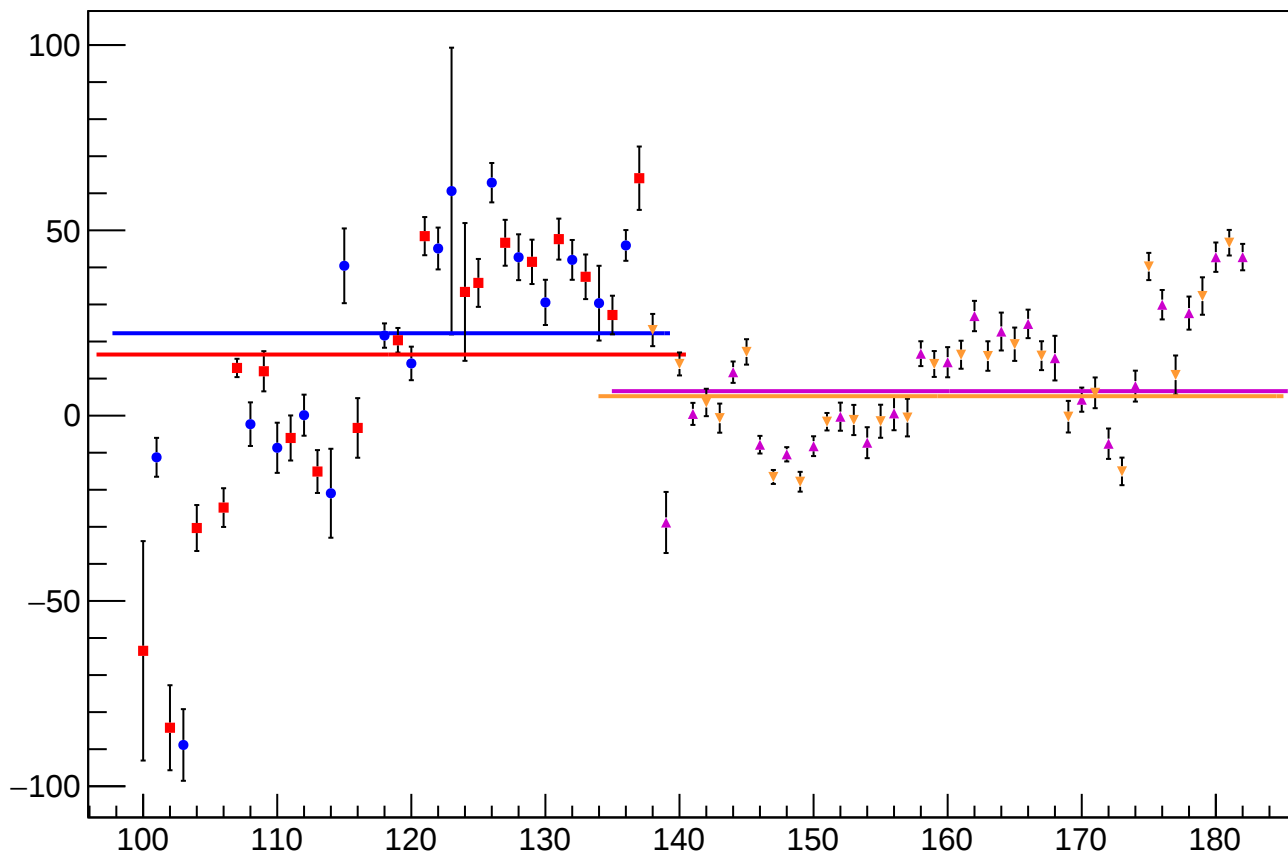
Left In: 190.986+/-0.987 χ^2/NDF : 1403.1/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.633+/-0.700 χ^2/NDF : 3222.0/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.234 $\pm$ 1.398 χ^2/NDF : 382.0/16

Left Out: 5.248 $\pm$ 0.729 χ^2/NDF :598.5/22

Right Out: 16.492 $\pm$ -1.229 χ^2/NDF : 426.0/18

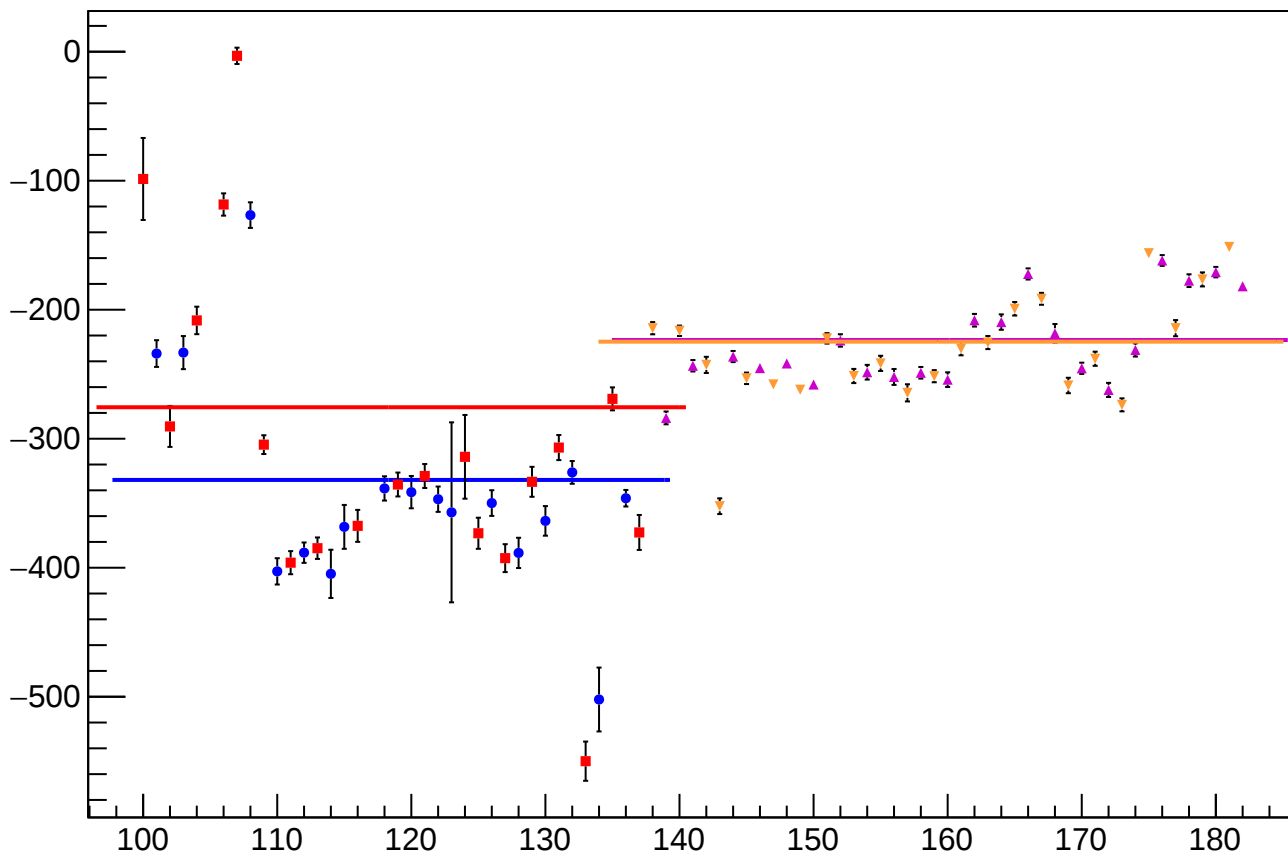
Left In: 6.612 $\pm$ -0.742 χ^2/NDF :515.0/21

+ sign 8.881 $\pm$ -0.647 χ^2/NDF : 1096.5/39

All: 9.069 $\pm$ -0.453 χ^2/NDF : 2085.1/80

- sign 9.251 $\pm$ -0.635 χ^2/NDF : 988.4/40

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.943+/-2.586 χ^2/NDF : 785.9/16

Left Out: -224.769+/-0.990 χ^2/NDF :1890.2/22

Right Out: -275.603+/-2.328 χ^2/NDF : 3358.3/18

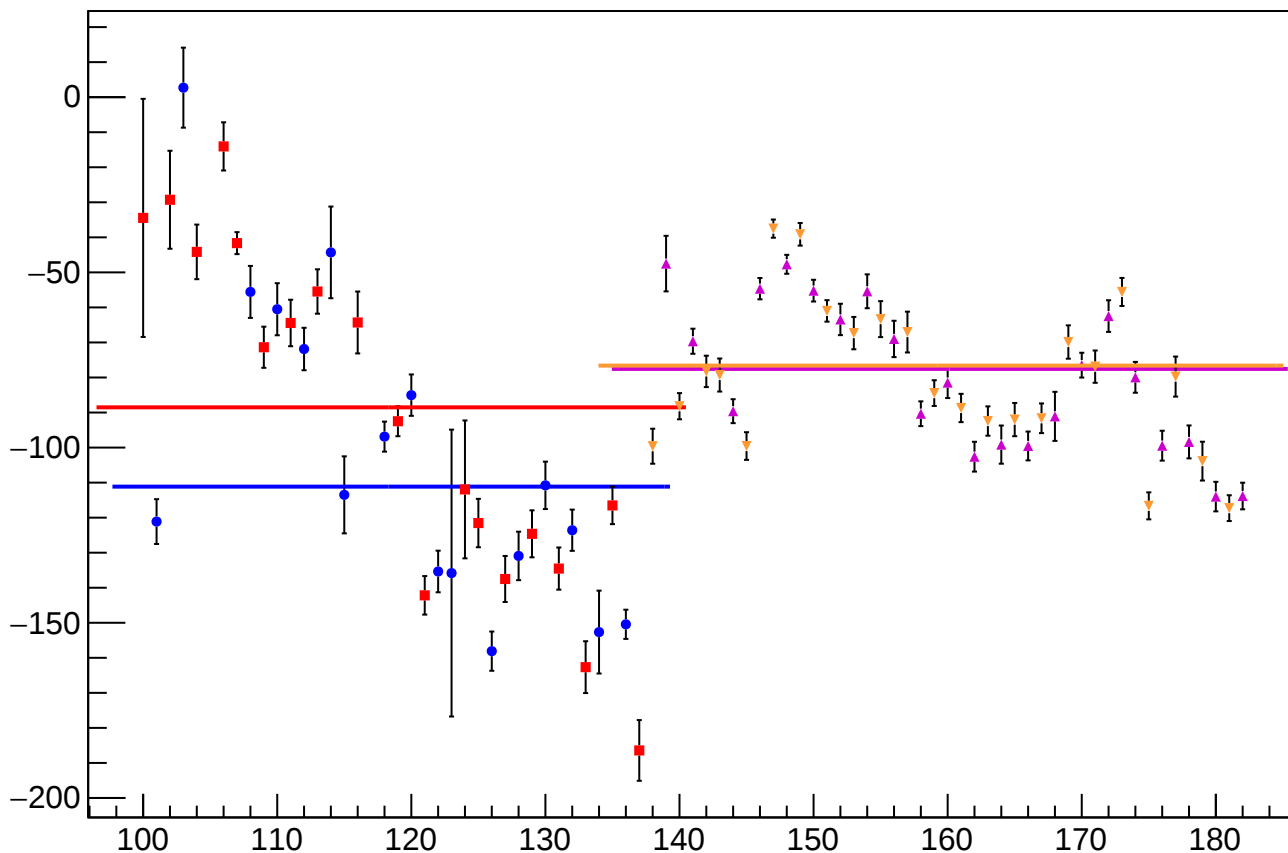
Left In: -223.489+/-0.980 χ^2/NDF :1266.0/21

+ sign -238.480+/-0.925 χ^2/NDF : 4174.3/39

All: -234.826+/-0.646 χ^2/NDF : 9254.8/80

- sign -231.339+/-0.903 χ^2/NDF : 5050.0/40

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.144 ± 1.601 χ^2/NDF : 504.6/16

Left Out: -76.606 ± 0.849 χ^2/NDF : 800.8/22

Right Out: -88.517 ± 1.435 χ^2/NDF : 968.7/18

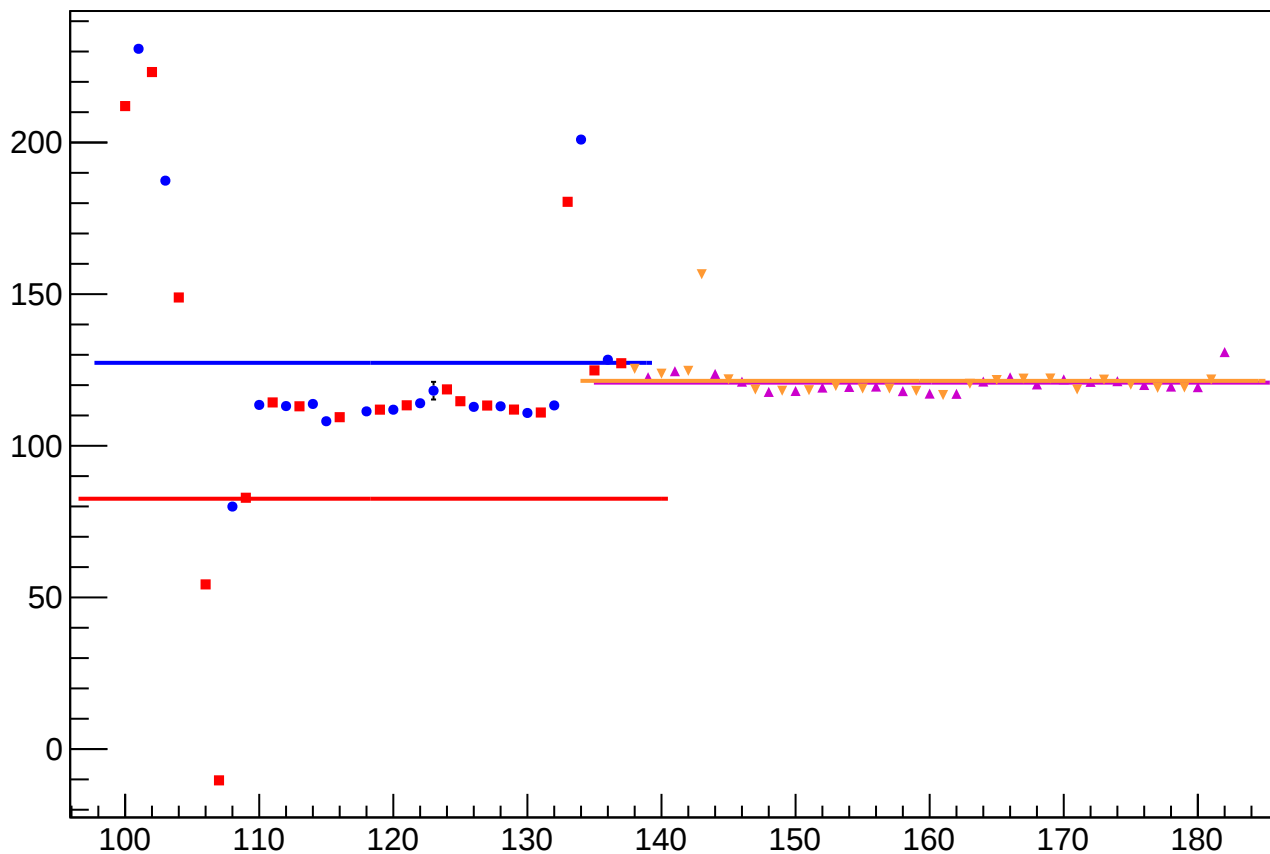
Left In: -77.551 ± 0.856 χ^2/NDF : 616.1/21

+ sign -84.191 ± 0.750 χ^2/NDF : 1668.6/39

All: -82.272 ± 0.525 χ^2/NDF : 3309.3/80

- sign -80.429 ± 0.735 χ^2/NDF : 1627.9/40

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.355 $\pm$ 0.090 χ^2 /NDF: 187728.6/16

Left Out: 121.412 $\pm$ 0.041 χ^2 /NDF: 24170.9/22

Right Out: 82.546 $\pm$ 0.075 χ^2 /NDF: 764737.8/18

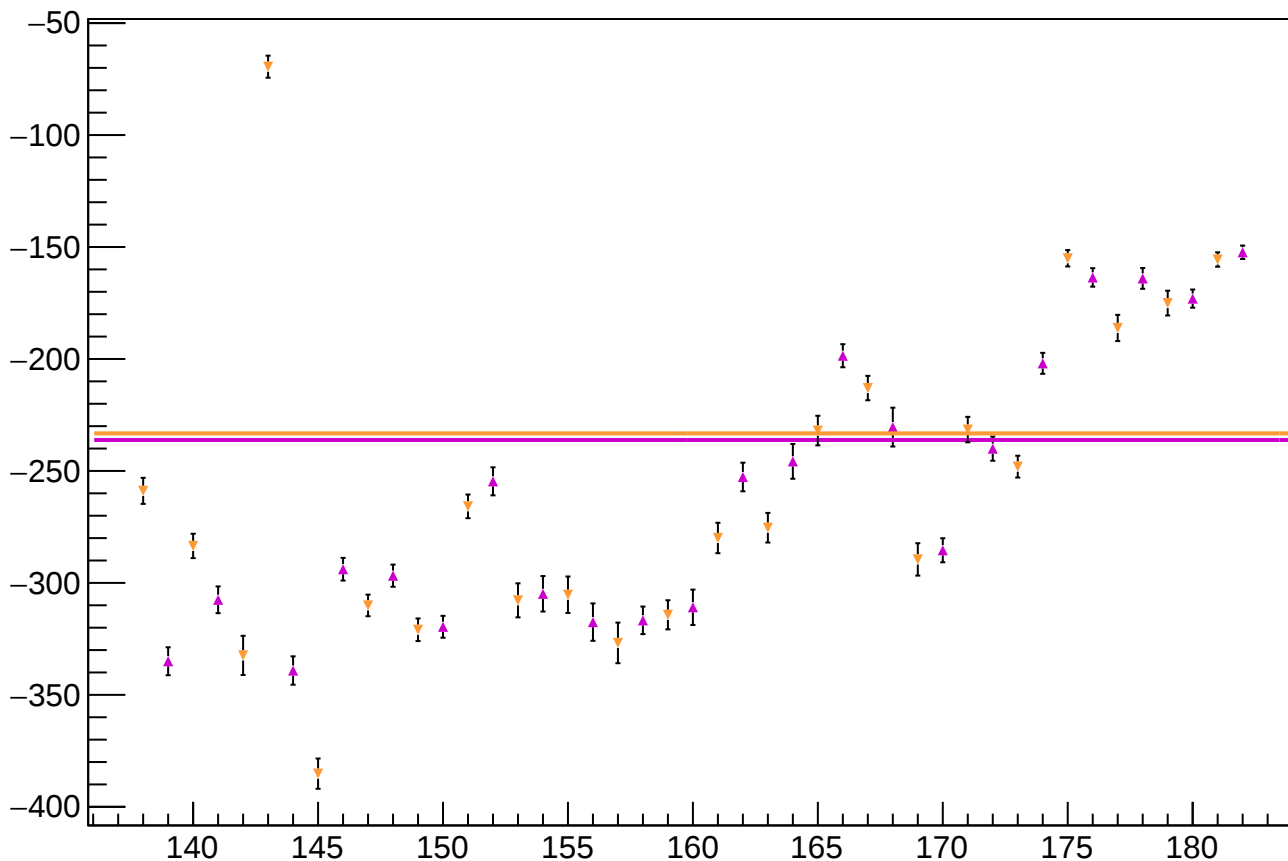
Left In: 120.824 $\pm$ 0.040 χ^2 /NDF: 6221.4/21

+ sign 122.430 $\pm$ 0.037 χ^2 /NDF: 215548.9/39

All: 117.179 $\pm$ 0.026 χ^2 /NDF: 1225645.1/80

- sign 112.381 $\pm$ 0.035 χ^2 /NDF: 971680.2/40

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -233.223+/-1.153 χ^2/NDF : 4259.7/22

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

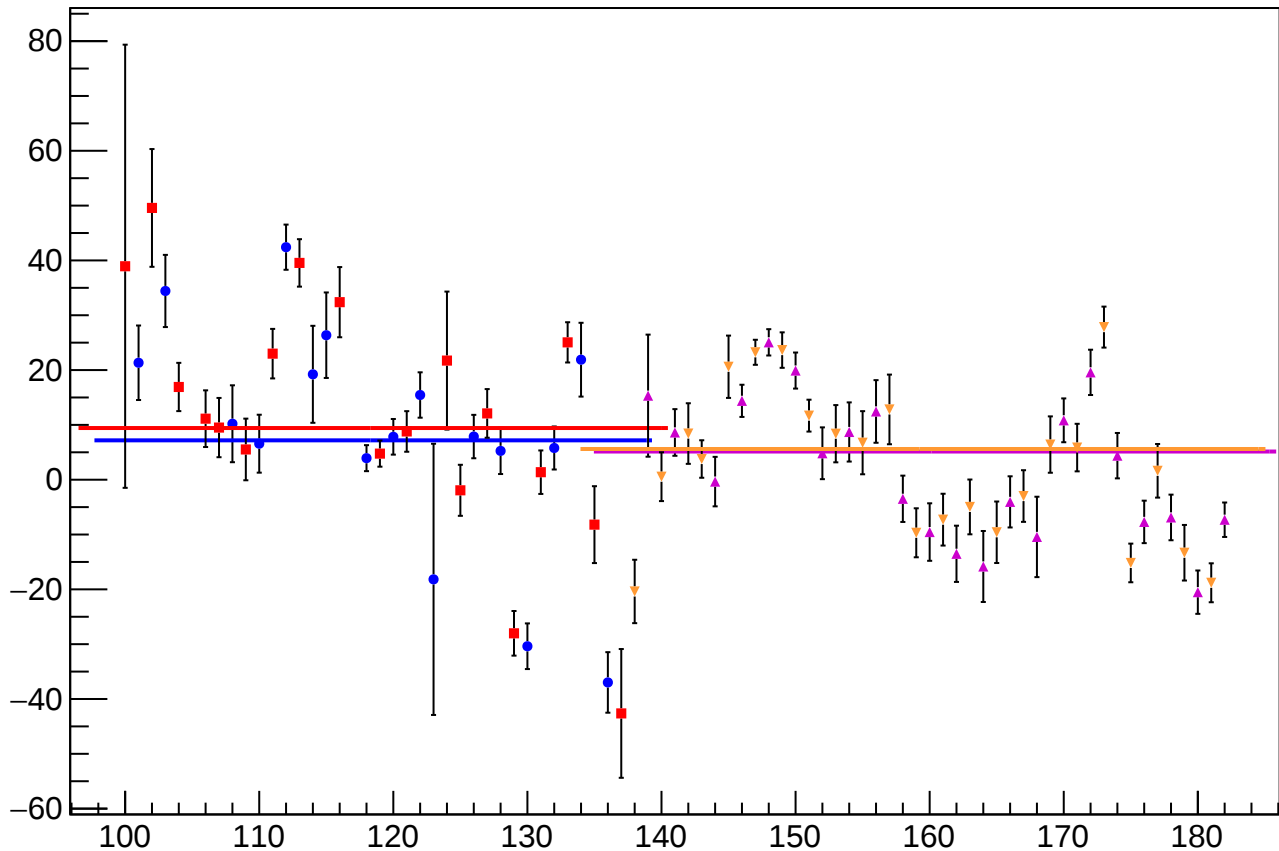
Left In: -236.183+/-1.131 χ^2/NDF : 3441.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.732+/-0.807 χ^2/NDF : 7704.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.181 $\pm$ 1.105 χ^2 /NDF: 260.1/16

Left Out: 5.602 $\pm$ 0.863 χ^2 /NDF:292.0/22

Right Out: 9.427 $\pm$ 1.073 χ^2 /NDF: 232.3/18

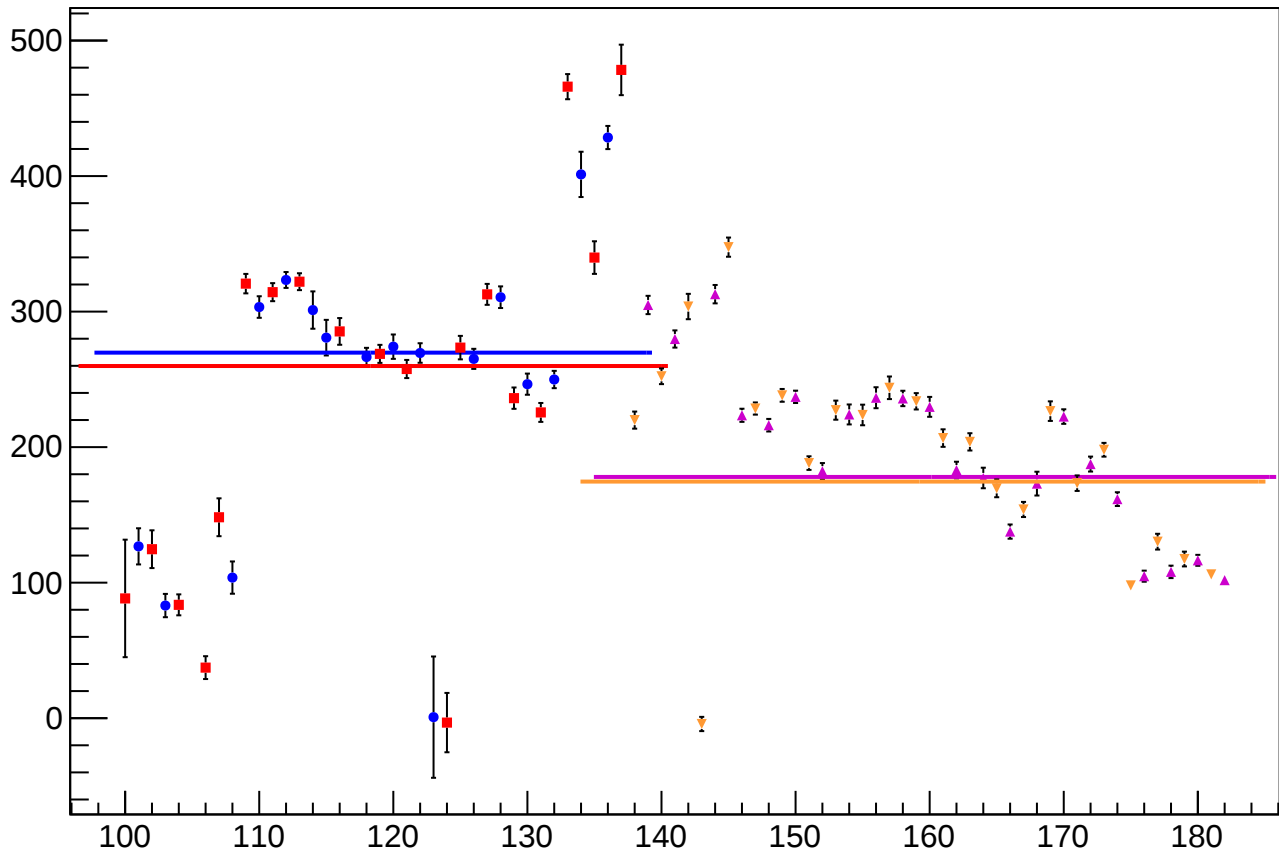
Left In: 5.141 $\pm$ 0.880 χ^2 /NDF:239.5/21

+ sign 6.200 $\pm$ 0.680 χ^2 /NDF: 553.4/39

All: 6.532 $\pm$ 0.481 χ^2 /NDF: 1035.2/80

- sign 6.864 $\pm$ 0.680 χ^2 /NDF: 481.3/40

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.720 $\pm$ 2.094 χ^2 /NDF: 1375.9/16

Left Out: 174.588 $\pm$ 1.151 χ^2 /NDF:3931.4/22

Right Out: 259.848 $\pm$ 1.981 χ^2 /NDF: 2540.4/18

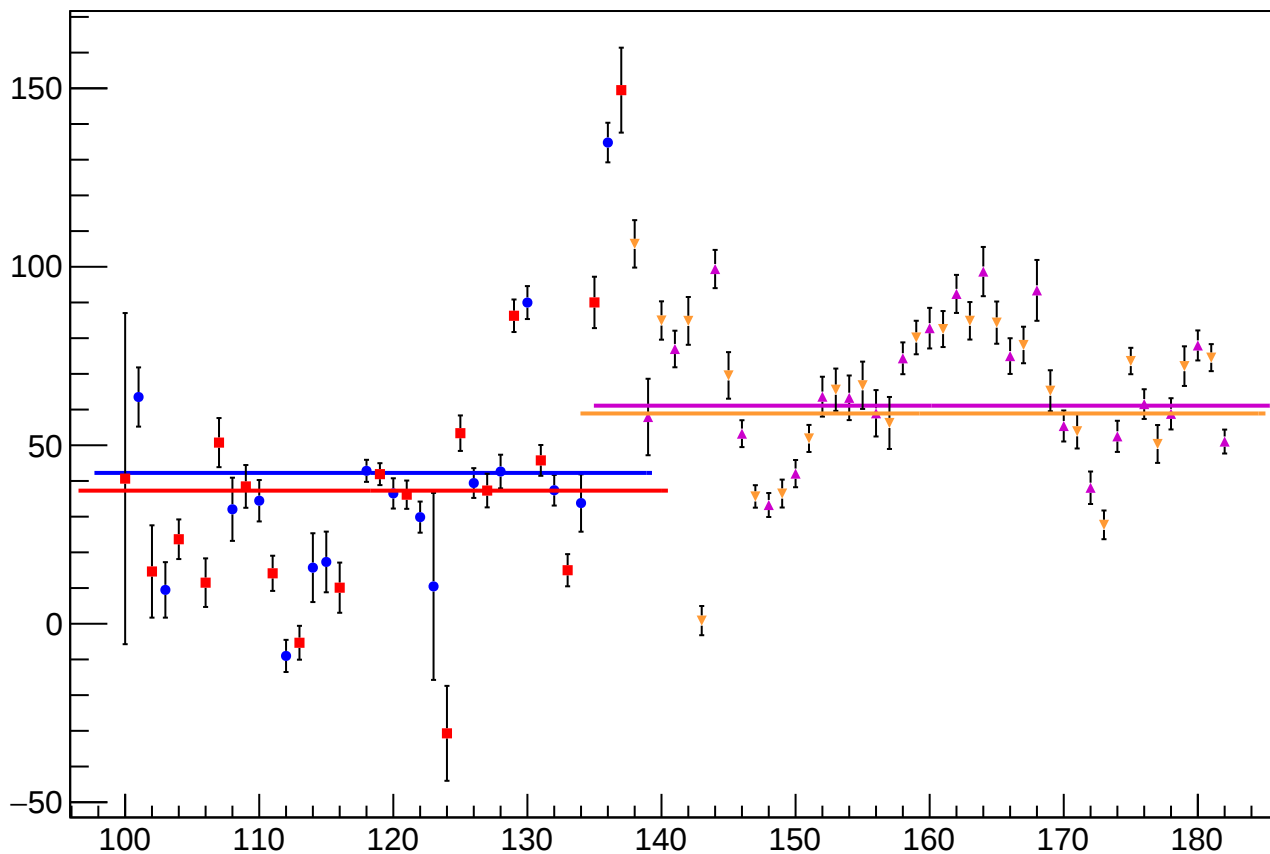
Left In: 178.008 $\pm$ 1.126 χ^2 /NDF:3102.8/21

+ sign 196.650 $\pm$ 1.008 χ^2 /NDF: 6892.5/39

All: 197.343 $\pm$ 0.702 χ^2 /NDF: 13827.0/80

- sign 197.996 $\pm$ 0.979 χ^2 /NDF: 6933.5/40

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.255 $\pm$ 1.277 χ^2 /NDF: 573.1/16

Left Out: 58.905 $\pm$ 0.999 χ^2 /NDF: 590.3/22

Right Out: 37.288 $\pm$ 1.237 χ^2 /NDF: 470.5/18

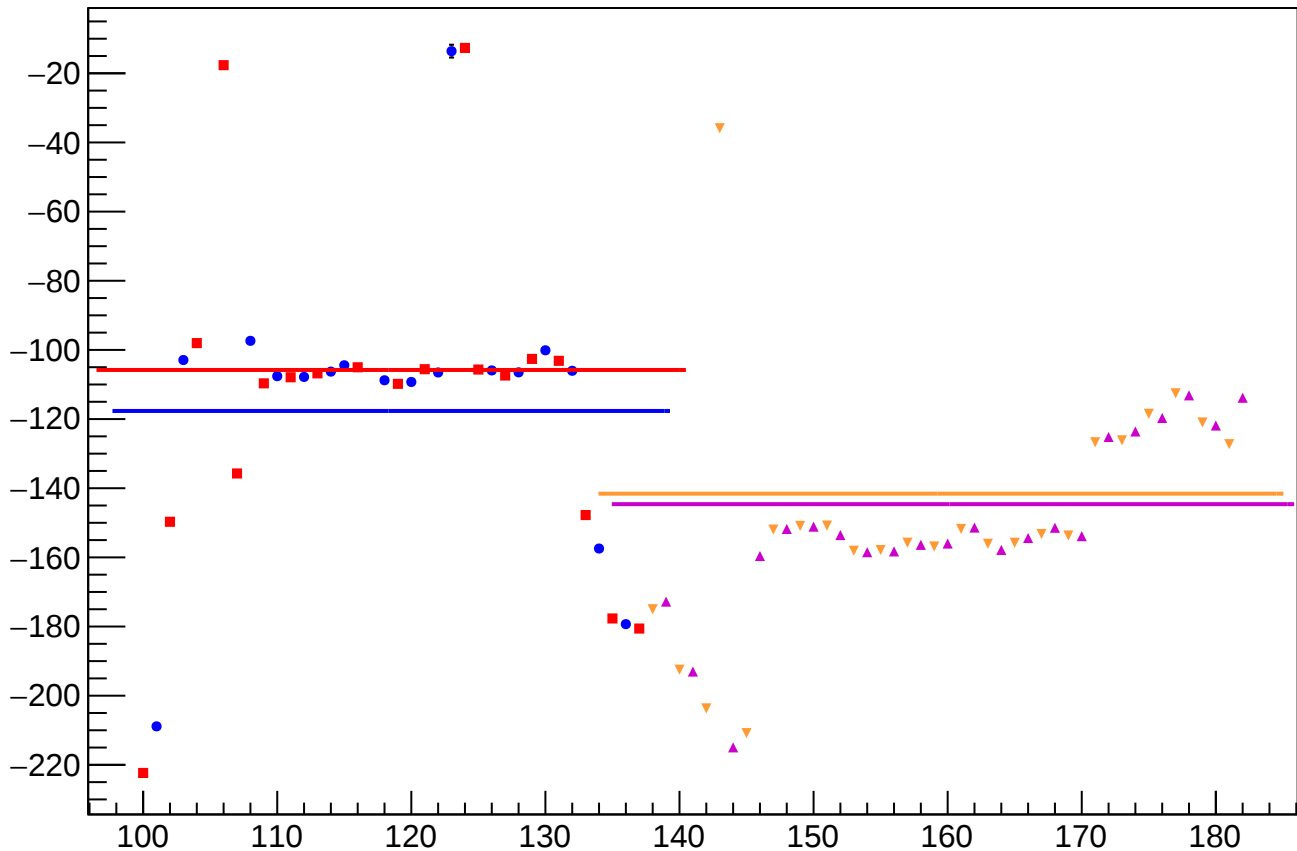
Left In: 61.092 $\pm$ 1.004 χ^2 /NDF: 325.3/21

+ sign 52.584 $\pm$ 0.787 χ^2 /NDF: 1269.0/39

All: 52.106 $\pm$ 0.554 χ^2 /NDF: 2288.8/80

- sign 51.636 $\pm$ 0.780 χ^2 /NDF: 1019.1/40

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.654+/-0.079 χ^2/NDF : 141832.7/16

Left Out: -141.575+/-0.048 χ^2/NDF : 492345.7/22

Right Out: -105.797+/-0.073 χ^2/NDF : 323120.4/18

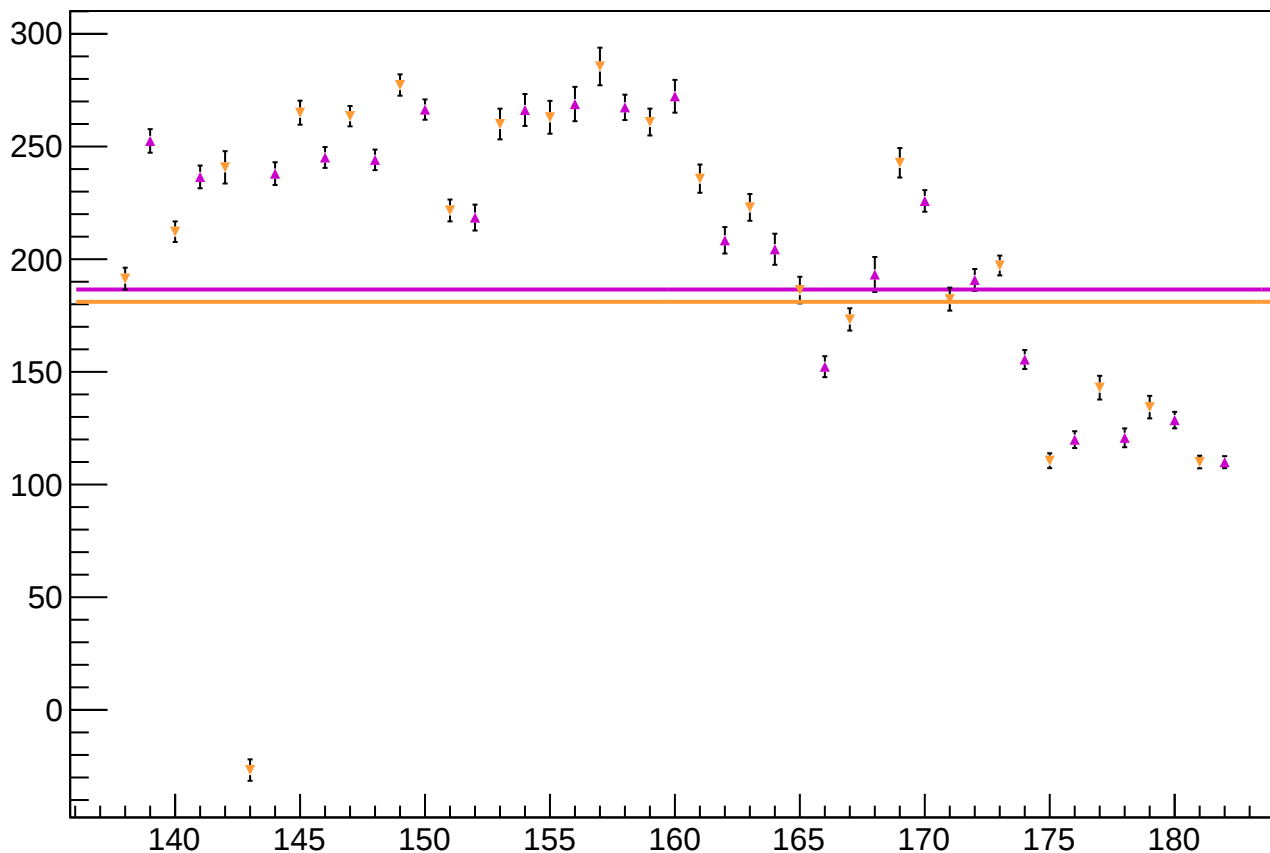
Left In: -144.606+/-0.047 χ^2/NDF : 247544.7/21

+ sign -135.126+/-0.041 χ^2/NDF : 701729.7/39

All: -134.162+/-0.028 χ^2/NDF : 1474000.5/80

- sign -133.265+/-0.039 χ^2/NDF : 771195.3/40

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 181.092+/-1.032 χ^2/NDF : 5155.6/22

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

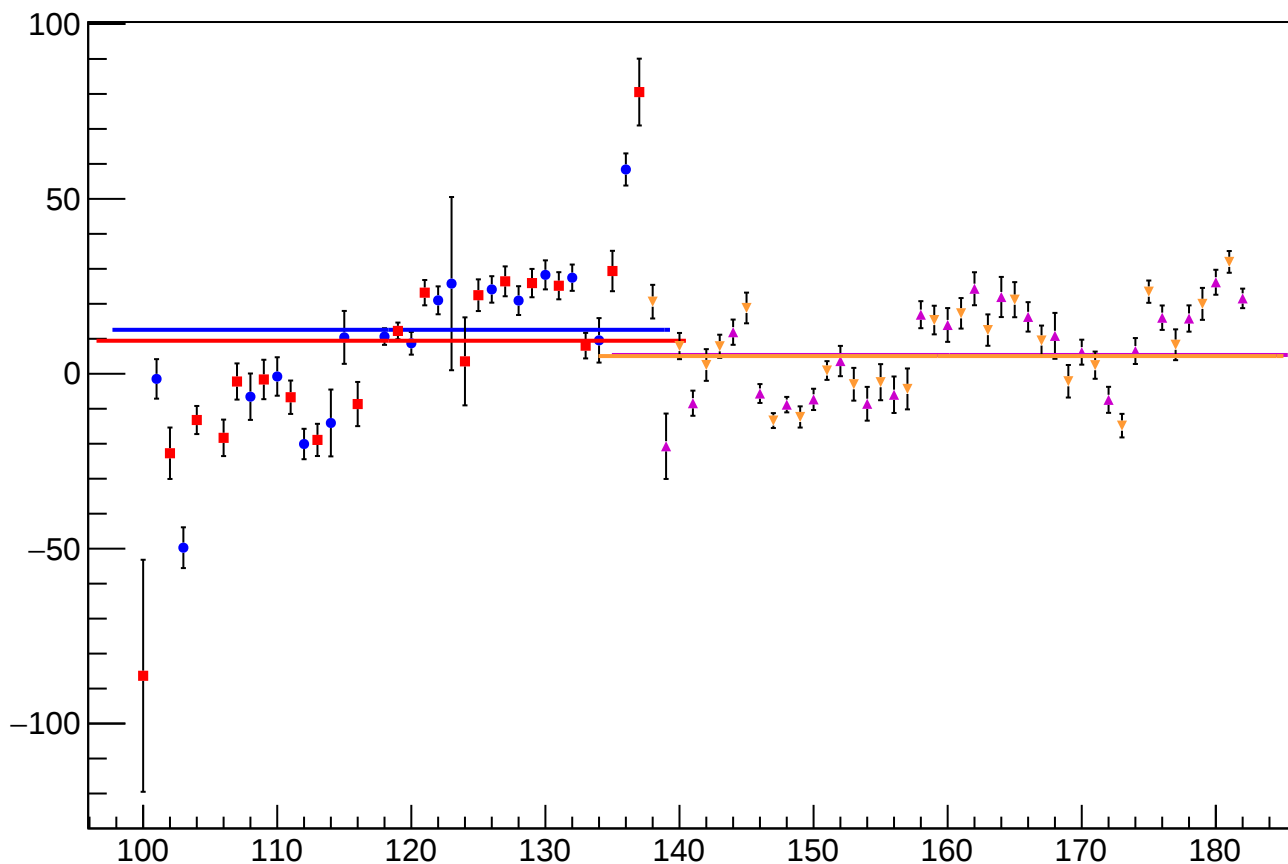
Left In: 186.553+/-1.012 χ^2/NDF : 3454.8/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.876+/-0.722 χ^2/NDF : 8624.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.569+/-1.076 χ^2/NDF : 348.8/16

Left Out: 5.061+/-0.779 χ^2/NDF : 325.4/22

Right Out: 9.442+/-1.049 χ^2/NDF : 294.8/18

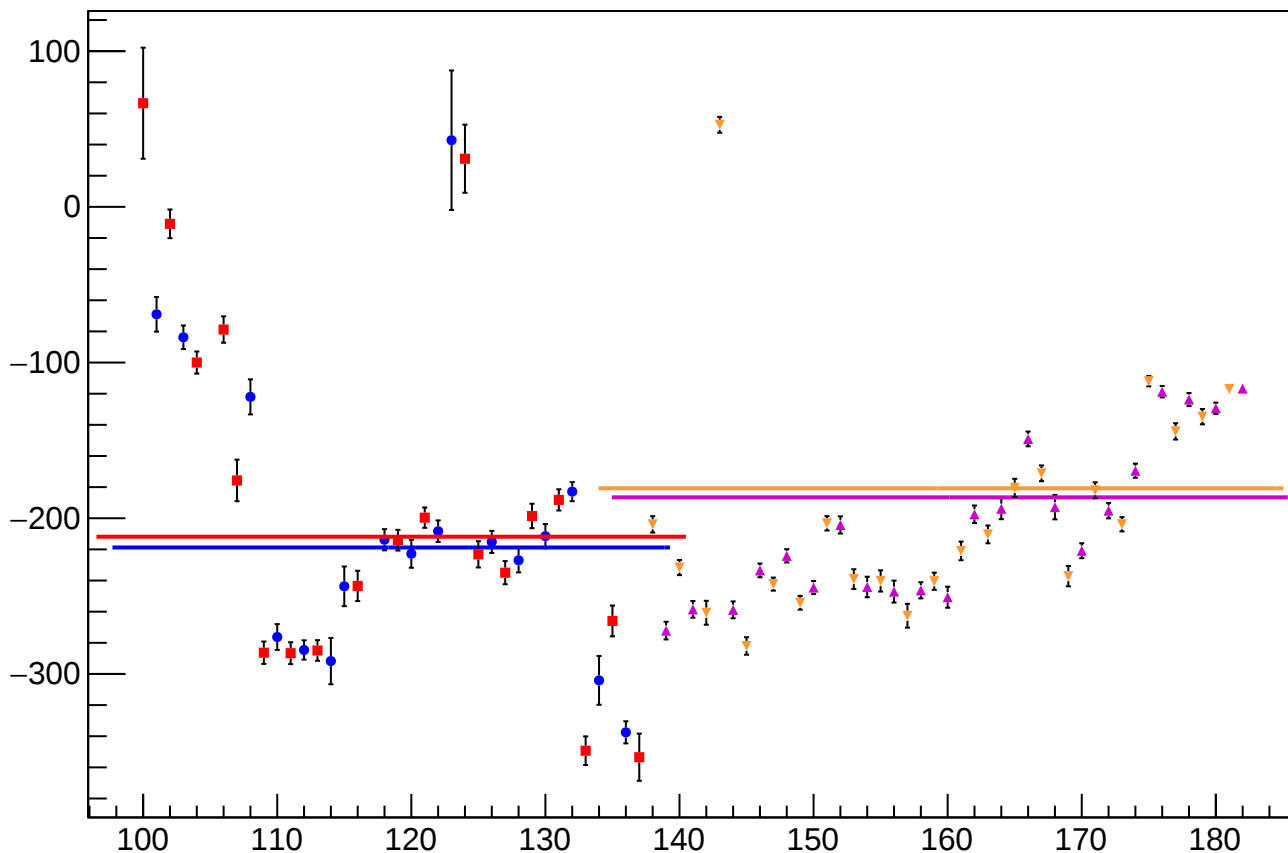
Left In: 5.375+/-0.791 χ^2/NDF : 254.9/21

+ sign 7.645+/-0.631 χ^2/NDF : 706.1/39

All: 7.248+/-0.447 χ^2/NDF : 1266.2/80

- sign 6.850+/-0.632 χ^2/NDF : 559.3/40

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.764 ± 2.027 $\chi^2/\text{NDF}: 1144.2/16$

Left Out: -180.763 ± 1.032 $\chi^2/\text{NDF}: 4802.1/22$

Right Out: -211.849 ± 1.927 $\chi^2/\text{NDF}: 1884.6/18$

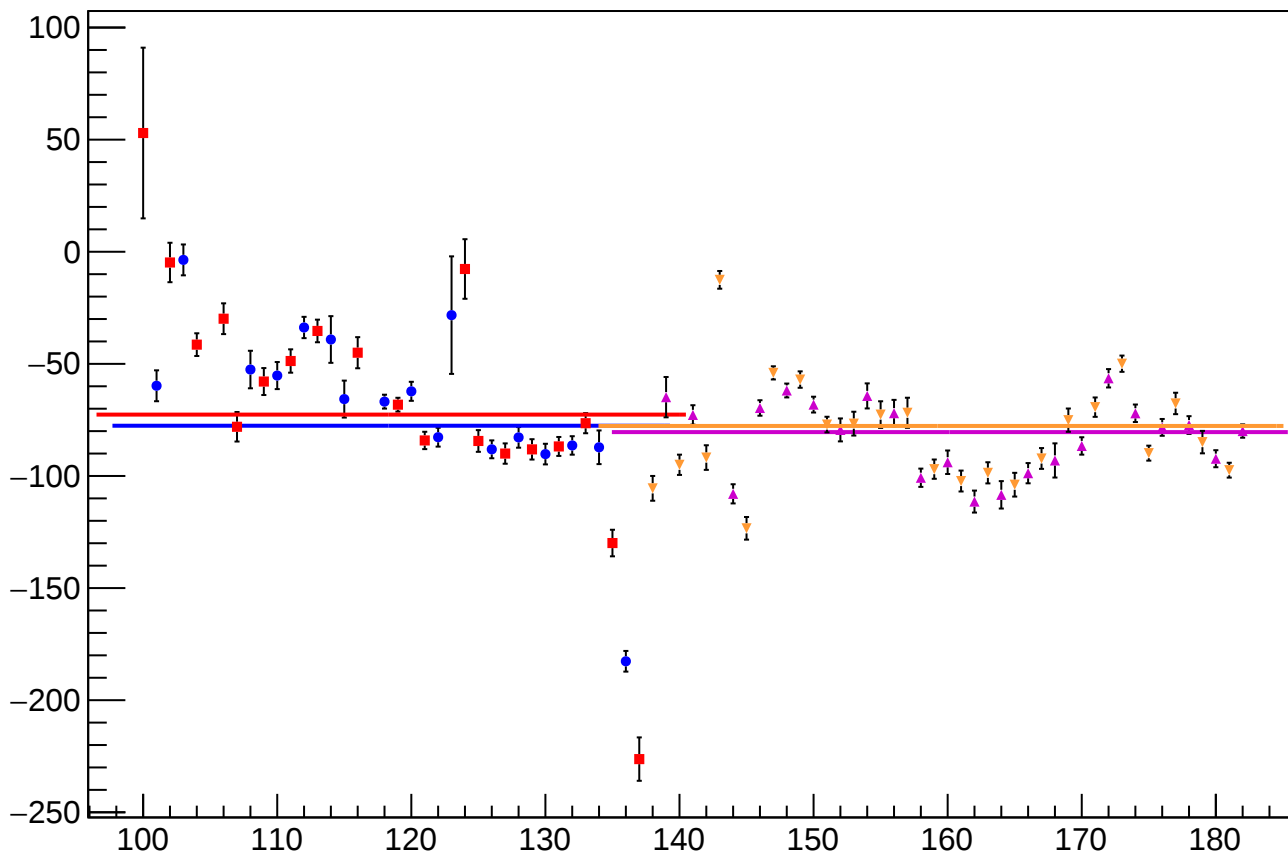
Left In: -186.567 ± 1.010 $\chi^2/\text{NDF}: 2934.1/21$

+ sign -188.590 ± 0.920 $\chi^2/\text{NDF}: 6225.5/39$

All: -190.348 ± 0.641 $\chi^2/\text{NDF}: 11186.3/80$

- sign -192.010 ± 0.894 $\chi^2/\text{NDF}: 4953.7/40$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.591 ± 1.239 χ^2/NDF : 816.4/16

Left Out: -77.689 ± 0.900 χ^2/NDF : 718.2/22

Right Out: -72.629 ± 1.209 χ^2/NDF : 670.2/18

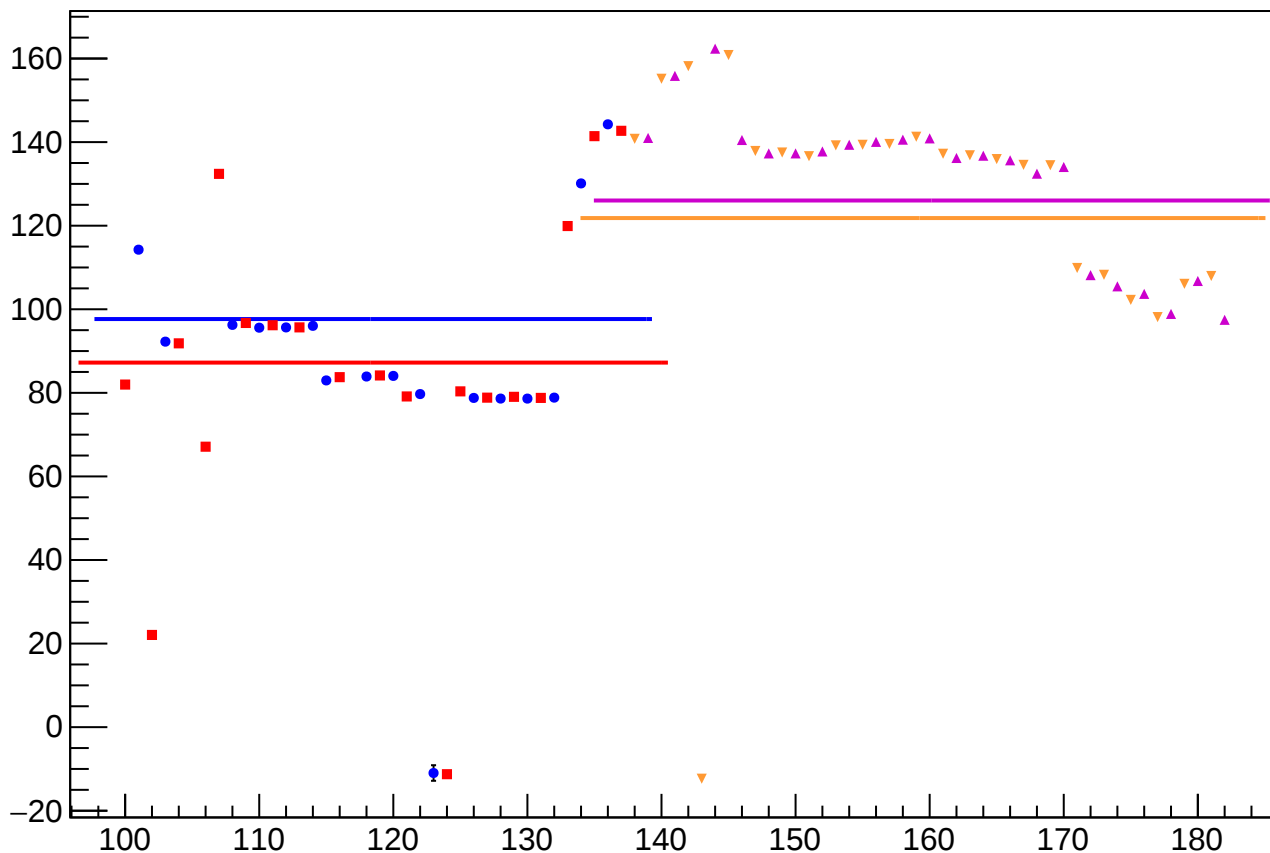
Left In: -80.436 ± 0.902 χ^2/NDF : 279.8/21

+ sign -77.655 ± 0.728 χ^2/NDF : 1534.6/39

All: -77.648 ± 0.513 χ^2/NDF : 2511.4/80

- sign -77.642 ± 0.723 χ^2/NDF : 976.8/40

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.659+/-0.074 χ^2/NDF : 93912.8/16

Left Out: 121.825+/-0.043 χ^2/NDF : 629759.1/22

Right Out: 87.239+/-0.068 χ^2/NDF : 220840.5/18

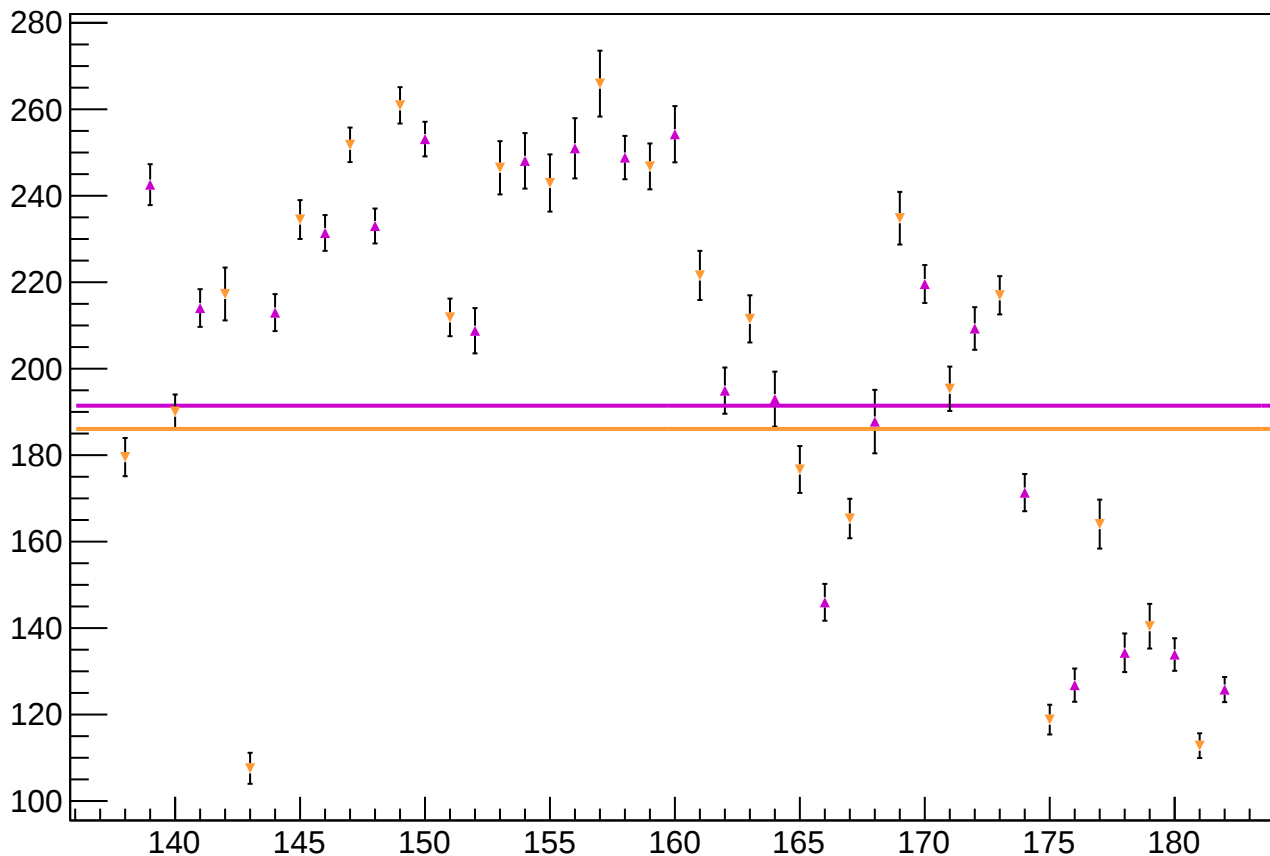
Left In: 126.027+/-0.042 χ^2/NDF : 207460.5/21

+ sign 115.726+/-0.037 χ^2/NDF : 803794.2/39

All: 115.557+/-0.026 χ^2/NDF : 1465945.2/80

- sign 115.401+/-0.036 χ^2/NDF : 662111.3/40

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: 186.072+/-0.962 χ^2/NDF :2991.0/22

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

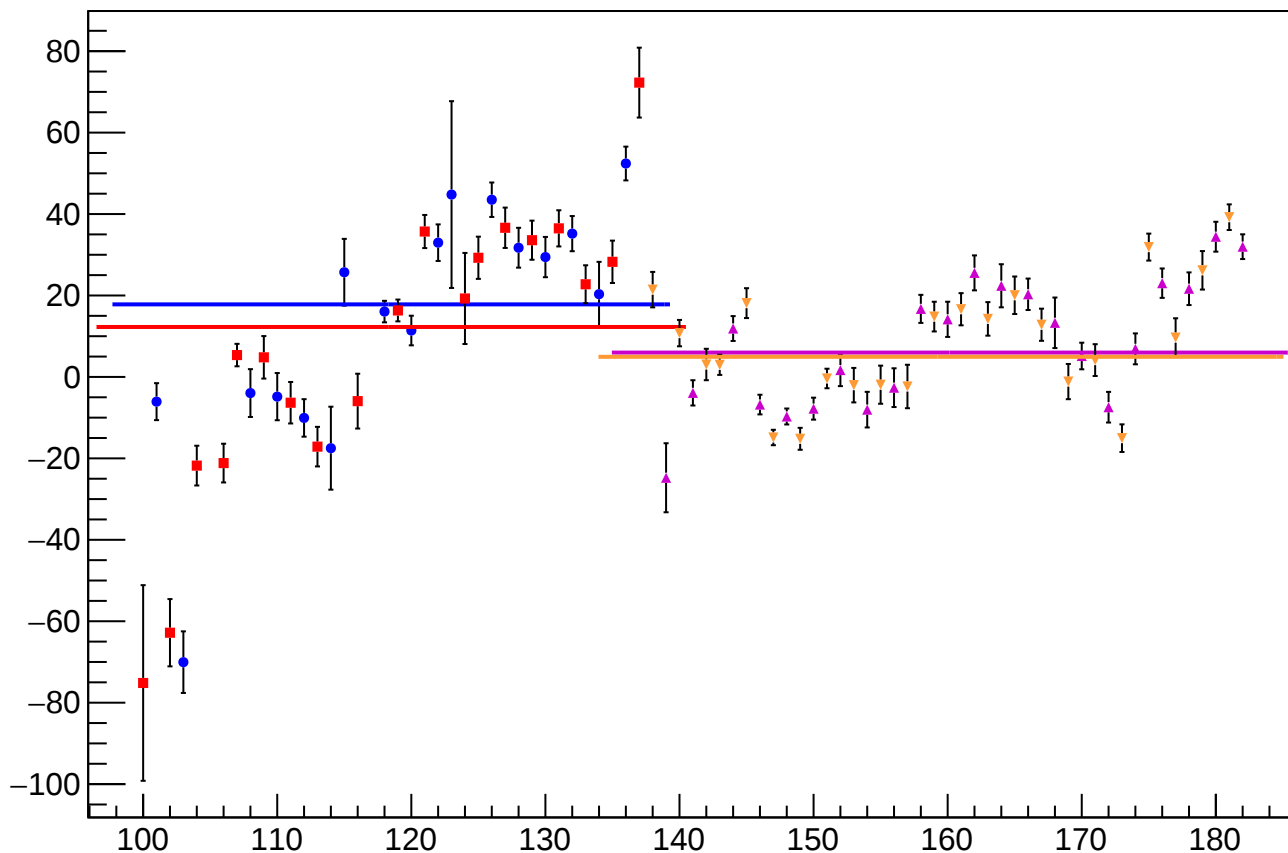
Left In: 191.444+/-0.969 χ^2/NDF :2373.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.739+/-0.682 χ^2/NDF : 5380.1/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.818 ± 1.168 χ^2/NDF : 394.0/16

Left Out: 4.938 ± 0.711 χ^2/NDF : 487.0/22

Right Out: 12.267 ± 1.085 χ^2/NDF : 443.0/18

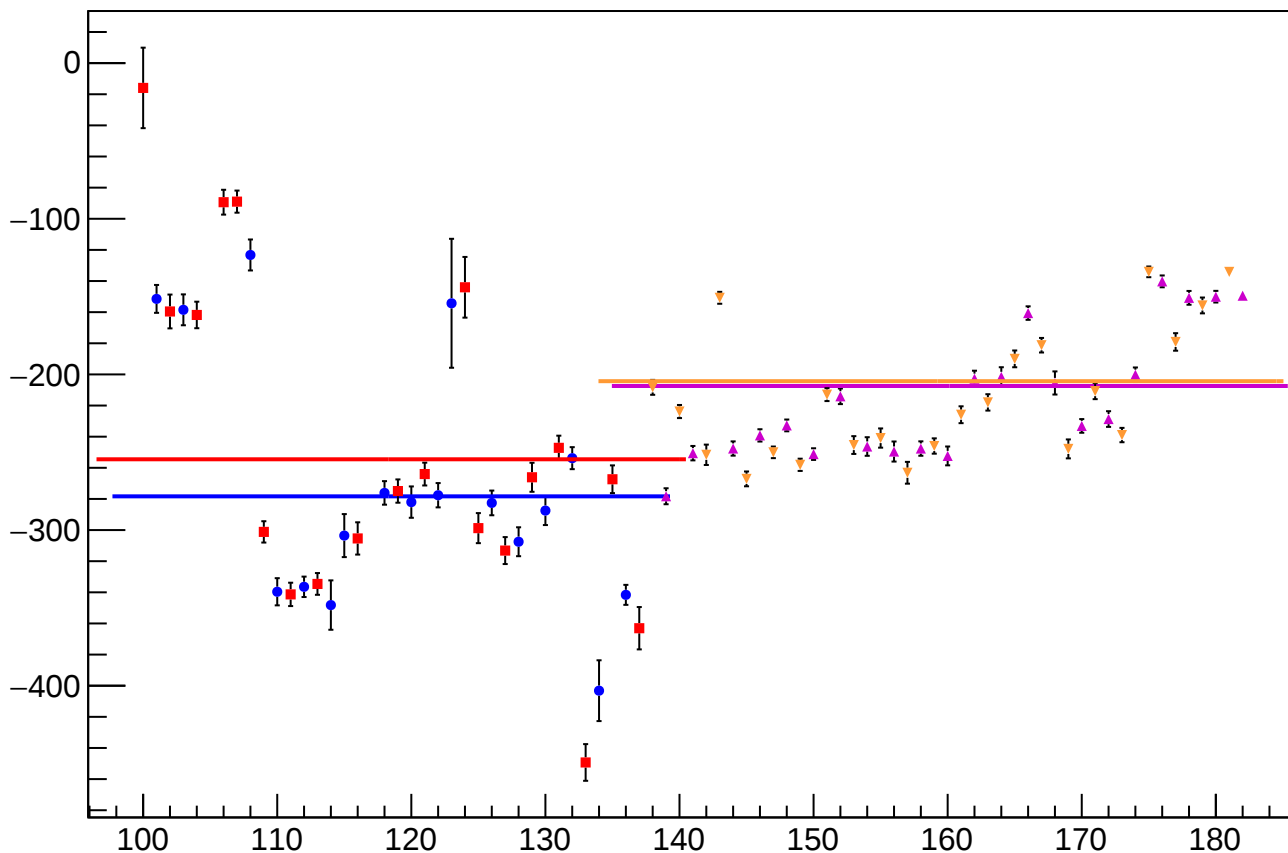
Left In: 5.981 ± 0.739 χ^2/NDF : 402.7/21

+ sign 8.422 ± 0.608 χ^2/NDF : 969.7/39

All: 8.199 ± 0.431 χ^2/NDF : 1838.7/80

- sign 7.973 ± 0.611 χ^2/NDF : 868.7/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.336 ± 2.190 χ^2/NDF : 910.1/16

Left Out: -204.346 ± 0.963 χ^2/NDF : 2266.2/22

Right Out: -254.529 ± 2.023 χ^2/NDF : 2036.7/18

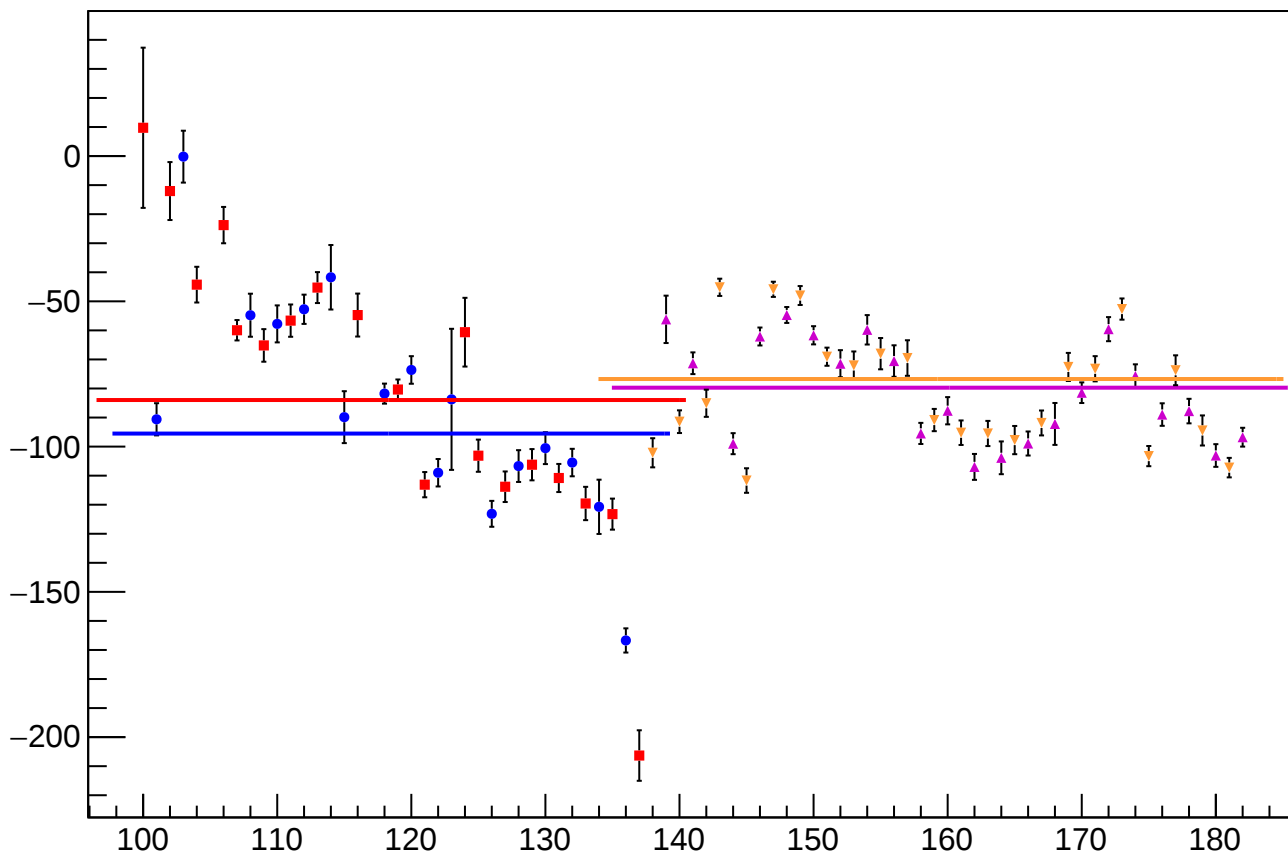
Left In: -207.437 ± 0.964 χ^2/NDF : 2070.4/21

+ sign -216.330 ± 0.881 χ^2/NDF : 4133.3/39

All: -216.238 ± 0.619 χ^2/NDF : 8682.1/80

- sign -216.148 ± 0.870 χ^2/NDF : 4548.7/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.515 ± 1.344 χ^2/NDF : 669.2/16

Left Out: -76.740 ± 0.827 χ^2/NDF : 733.7/22

Right Out: -83.971 ± 1.259 χ^2/NDF : 781.5/18

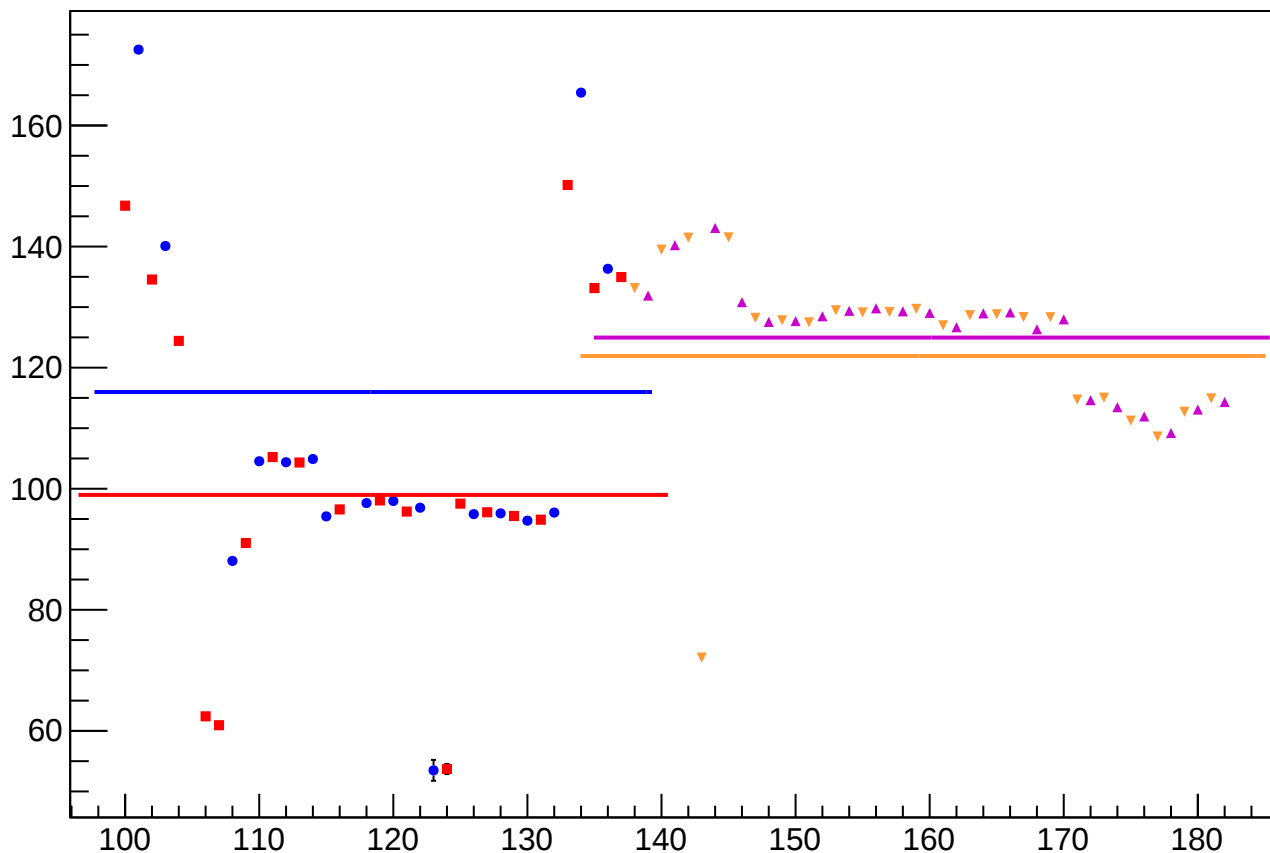
Left In: -79.724 ± 0.849 χ^2/NDF : 412.0/21

+ sign -81.903 ± 0.705 χ^2/NDF : 1544.5/39

All: -81.477 ± 0.498 χ^2/NDF : 2746.5/80

- sign -81.053 ± 0.704 χ^2/NDF : 1201.3/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.974 $\pm$ 0.079 χ^2 /NDF: 105656.7/16

Left Out: 121.915 $\pm$ 0.040 χ^2 /NDF: 162432.8/22

Right Out: 98.981 $\pm$ 0.069 χ^2 /NDF: 172977.7/18

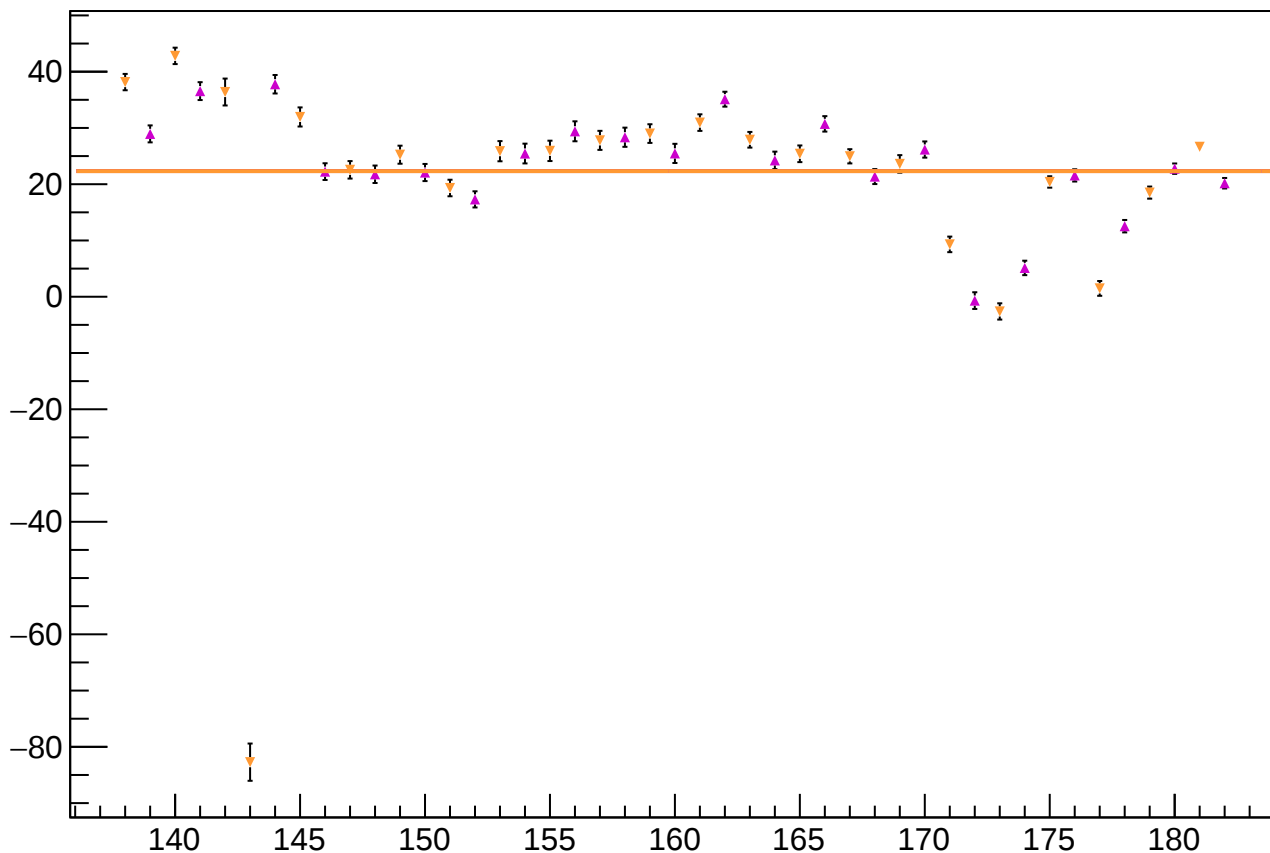
Left In: 124.968 $\pm$ 0.040 χ^2 /NDF: 49994.8/21

+ sign 120.702 $\pm$ 0.035 χ^2 /NDF: 272644.2/39

All: 119.533 $\pm$ 0.025 χ^2 /NDF: 605098.7/80

- sign 118.435 $\pm$ 0.034 χ^2 /NDF: 330350.8/40

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: 22.326+/-0.297 χ^2/NDF : 2169.5/22

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

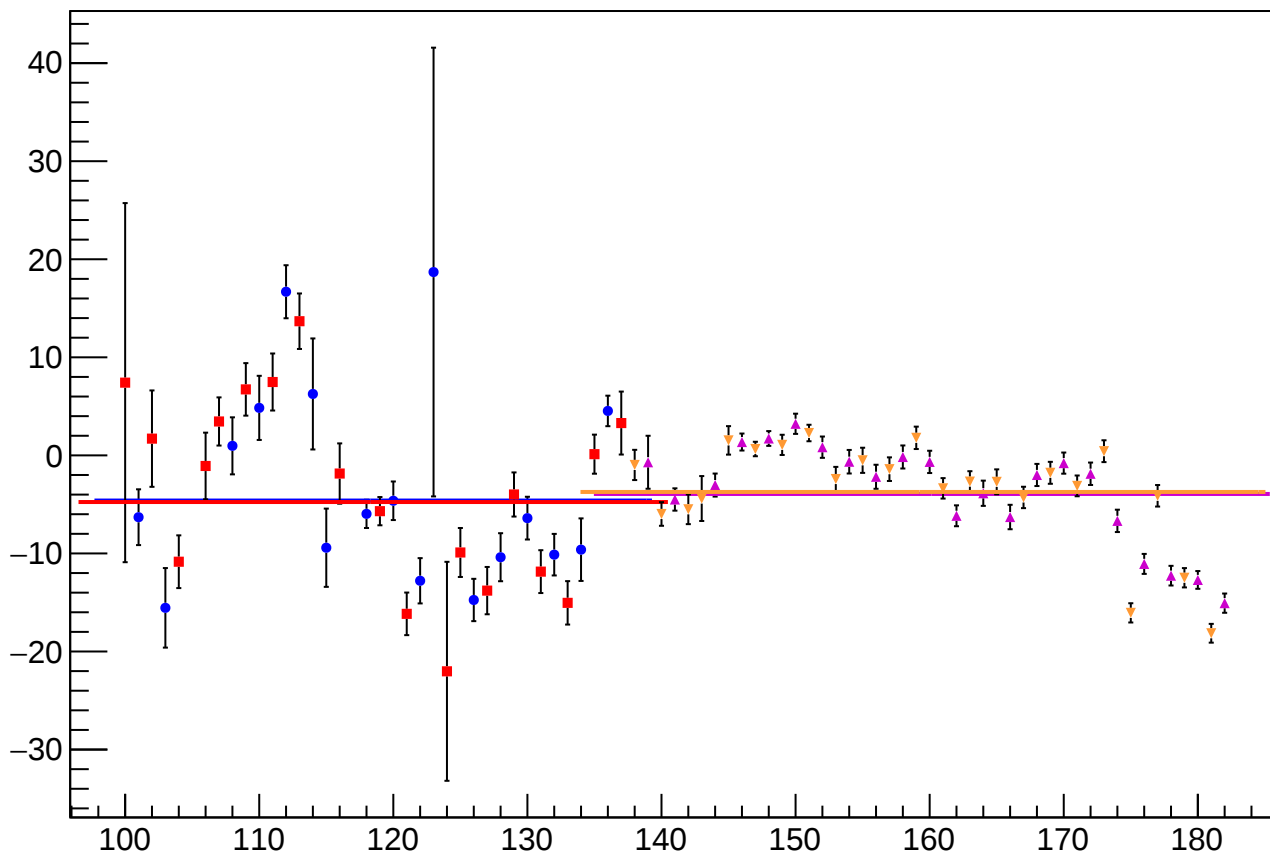
Left In: 22.344+/-0.289 χ^2/NDF : 879.6/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.335+/-0.207 χ^2/NDF : 3049.1/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.606 ± 0.589 χ^2/NDF : 173.4/16

Left Out: -3.730 ± 0.230 χ^2/NDF : 646.5/22

Right Out: -4.758 ± 0.585 χ^2/NDF : 192.3/18

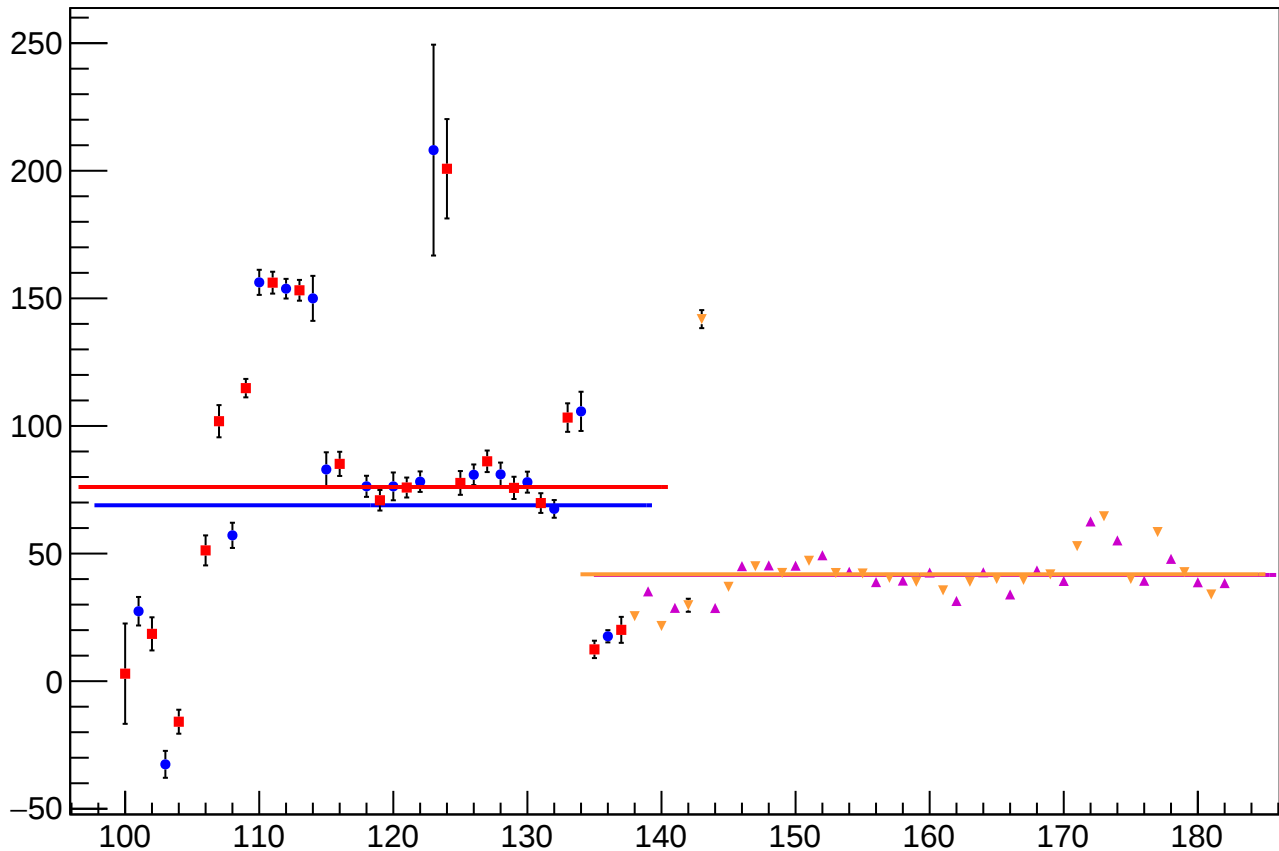
Left In: -3.934 ± 0.230 χ^2/NDF : 560.5/21

+ sign -3.846 ± 0.214 χ^2/NDF : 821.8/39

All: -3.946 ± 0.151 χ^2/NDF : 1576.8/80

- sign -4.045 ± 0.214 χ^2/NDF : 754.5/40

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 68.921+/-1.086 χ^2/NDF : 1844.0/16

Left Out: 41.879+/-0.295 χ^2/NDF : 1693.4/22

Right Out: 76.086+/-1.072 χ^2/NDF : 1881.7/18

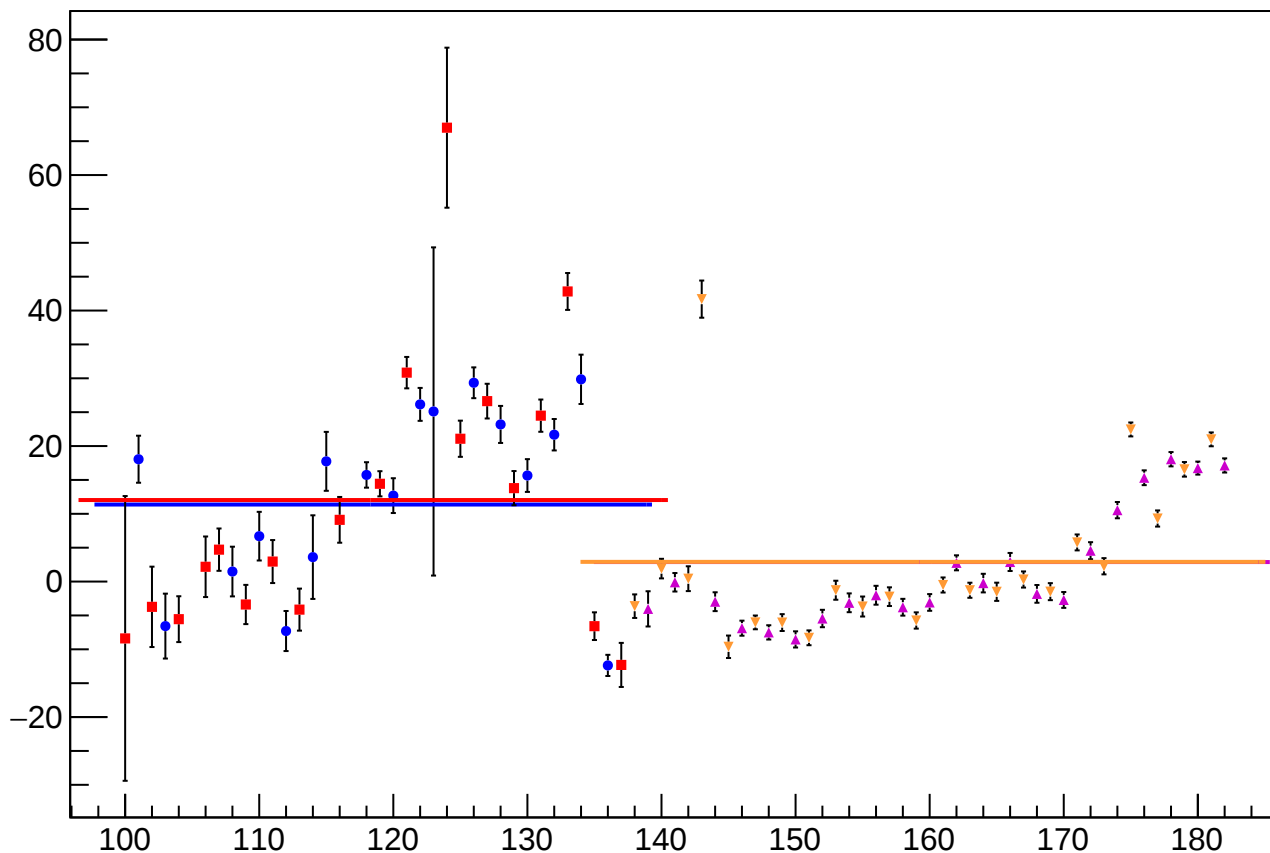
Left In: 41.615+/-0.288 χ^2/NDF : 627.1/21

+ sign 43.735+/-0.284 χ^2/NDF : 4115.1/39

All: 43.836+/-0.199 χ^2/NDF : 7588.9/80

- sign 43.932+/-0.278 χ^2/NDF : 3473.6/40

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.369 $\pm$ 0.667 χ^2 /NDF: 474.4/16

Left Out: 2.908 $\pm$ 0.261 χ^2 /NDF: 1524.3/22

Right Out: 12.033 $\pm$ 0.665 χ^2 /NDF: 537.8/18

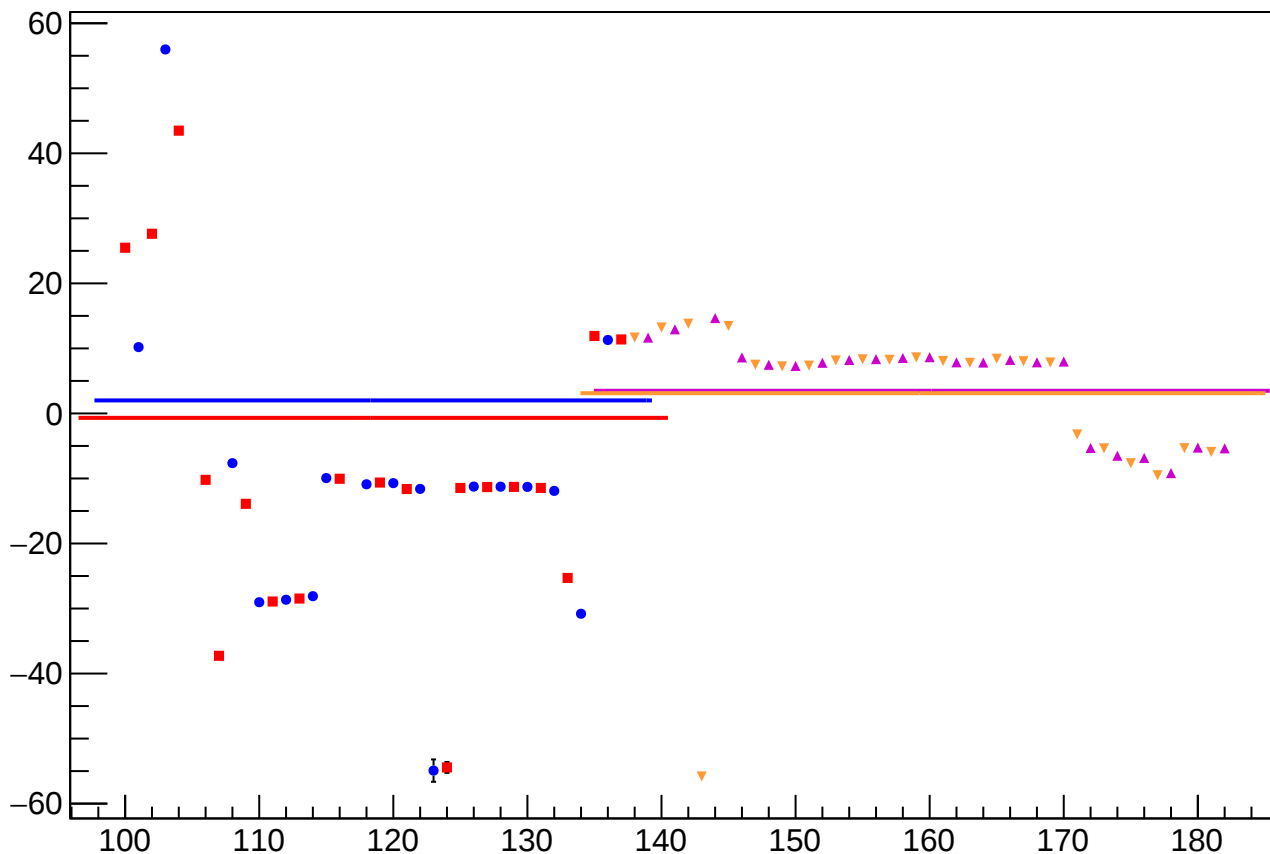
Left In: 2.879 $\pm$ 0.260 χ^2 /NDF: 1234.4/21

+ sign 4.034 $\pm$ 0.243 χ^2 /NDF: 2138.1/39

All: 4.061 $\pm$ 0.172 χ^2 /NDF: 4074.7/80

- sign 4.089 $\pm$ 0.242 χ^2 /NDF: 1936.5/40

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 2.002 $\pm$ 0.037 χ^2 /NDF: 357872.4/16

Left Out: 3.112 $\pm$ 0.012 χ^2 /NDF:553195.6/22

Right Out: -0.678 $\pm$ 0.037 χ^2 /NDF: 360956.7/18

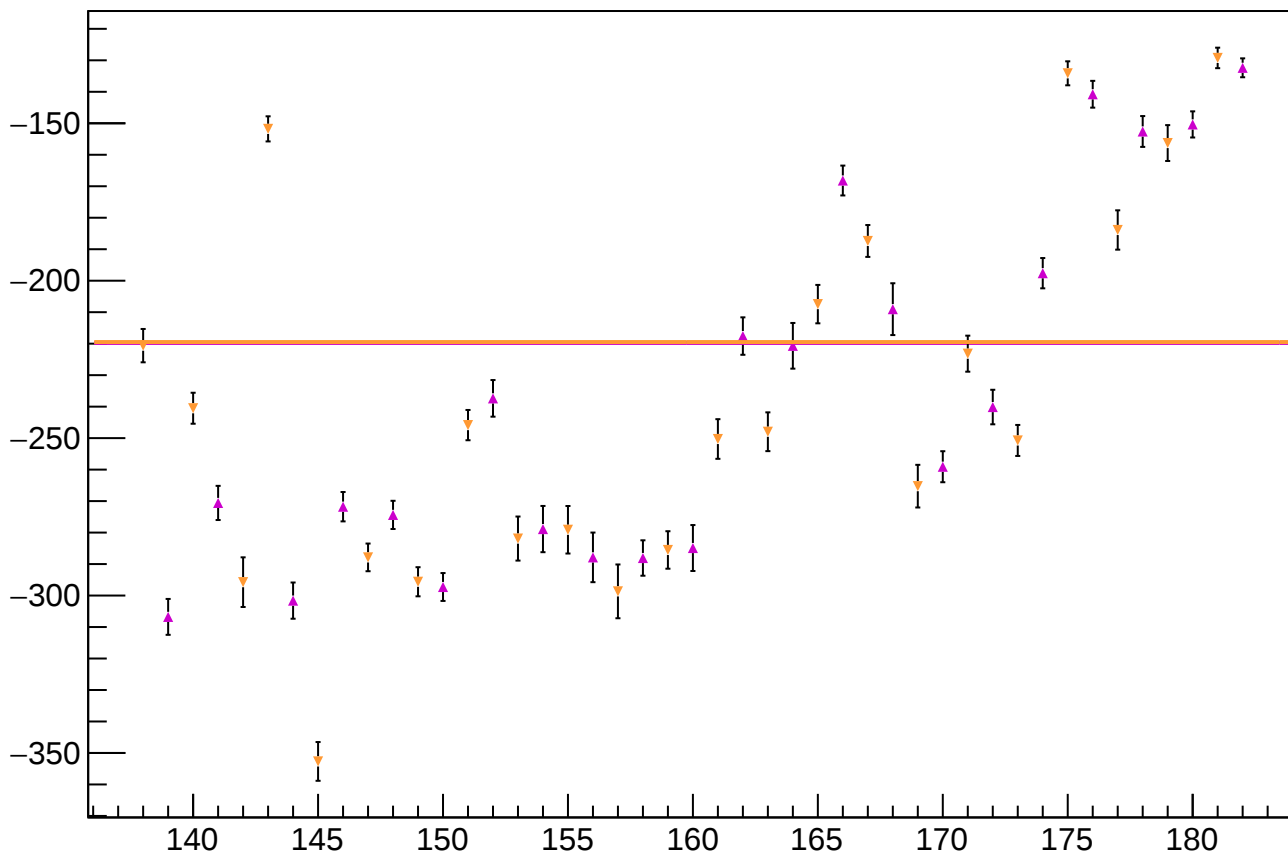
Left In: 3.483 $\pm$ 0.012 χ^2 /NDF:392138.5/21

+ sign 3.007 $\pm$ 0.011 χ^2 /NDF: 911873.7/39

All: 3.056 $\pm$ 0.008 χ^2 /NDF: 1676396.4/80

- sign 3.103 $\pm$ 0.011 χ^2 /NDF: 764486.8/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -219.486 $\pm$ 1.094 χ^2 /NDF:3364.4/22

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

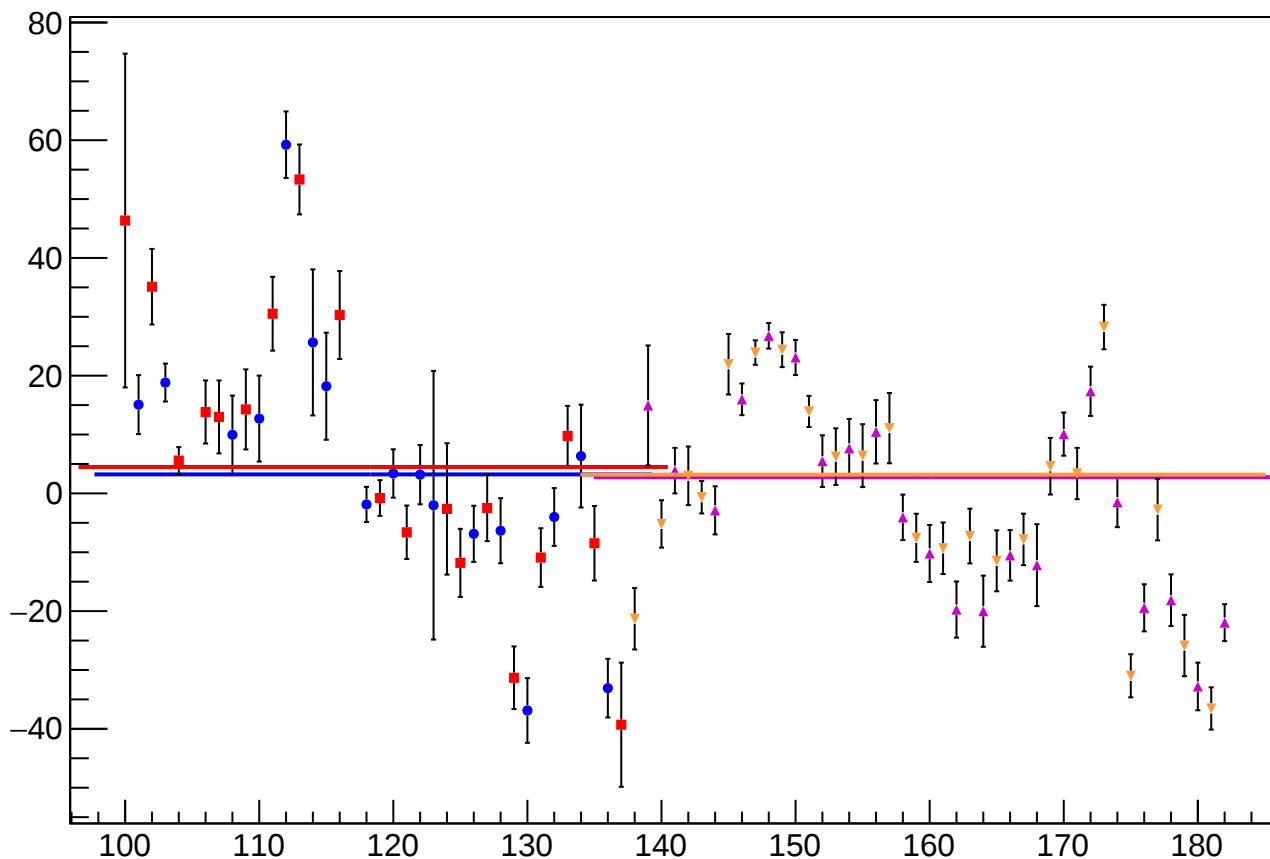
Left In: -219.768 $\pm$ 1.087 χ^2 /NDF:3357.3/21

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

All: -219.628 $\pm$ 0.771 χ^2 /NDF: 6721.8/44

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

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.227 ± 1.246 χ^2/NDF : 255.1/16

Left Out: 3.190 ± 0.805 χ^2/NDF : 531.6/22

Right Out: 4.485 ± 1.158 χ^2/NDF : 225.1/18

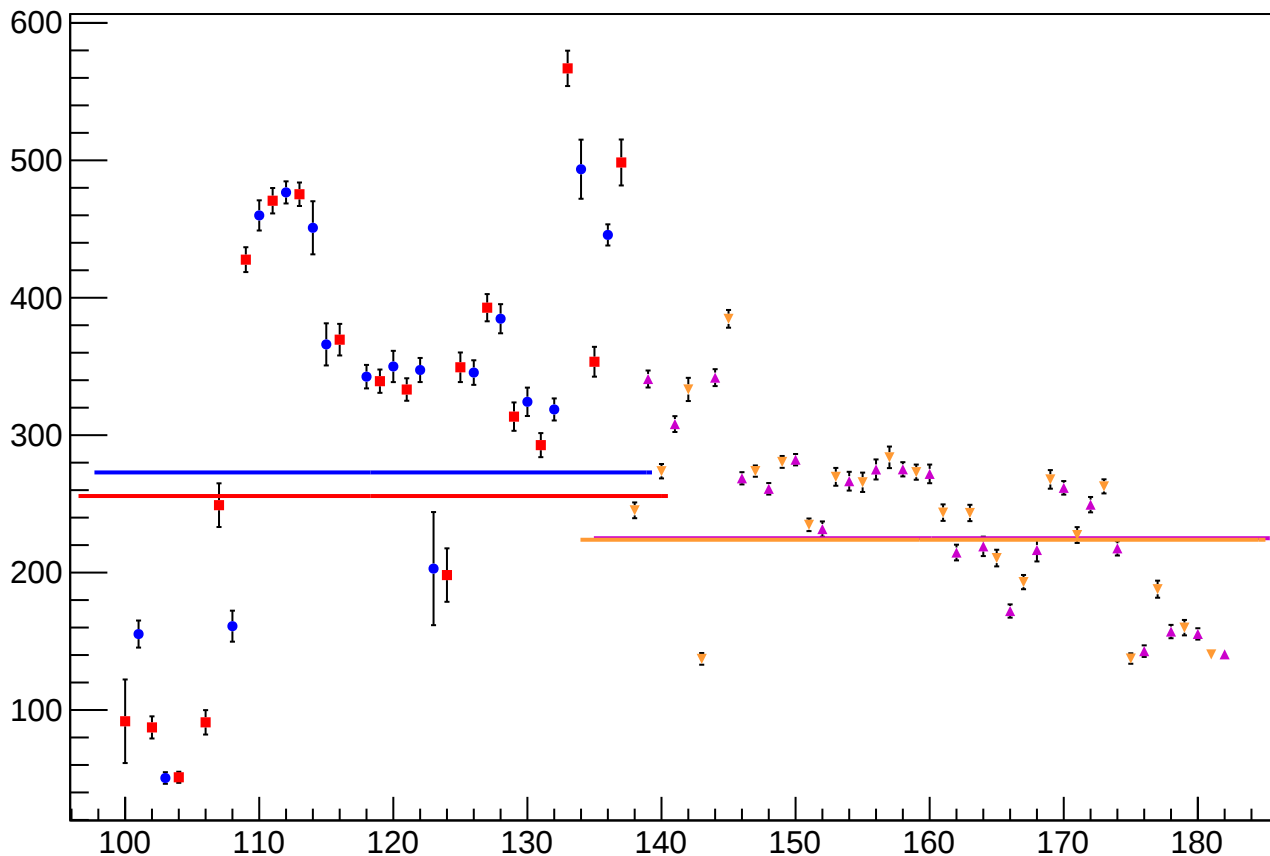
Left In: 2.756 ± 0.832 χ^2/NDF : 470.6/21

+ sign 3.201 ± 0.676 χ^2/NDF : 786.7/39

All: 3.273 ± 0.478 χ^2/NDF : 1484.0/80

- sign 3.344 ± 0.676 χ^2/NDF : 697.2/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 272.880 $\pm$ 2.208 χ^2 /NDF: 5091.5/16

Left Out: 223.896 $\pm$ 1.092 χ^2 /NDF: 3305.6/22

Right Out: 255.714 $\pm$ 2.082 χ^2 /NDF: 6433.2/18

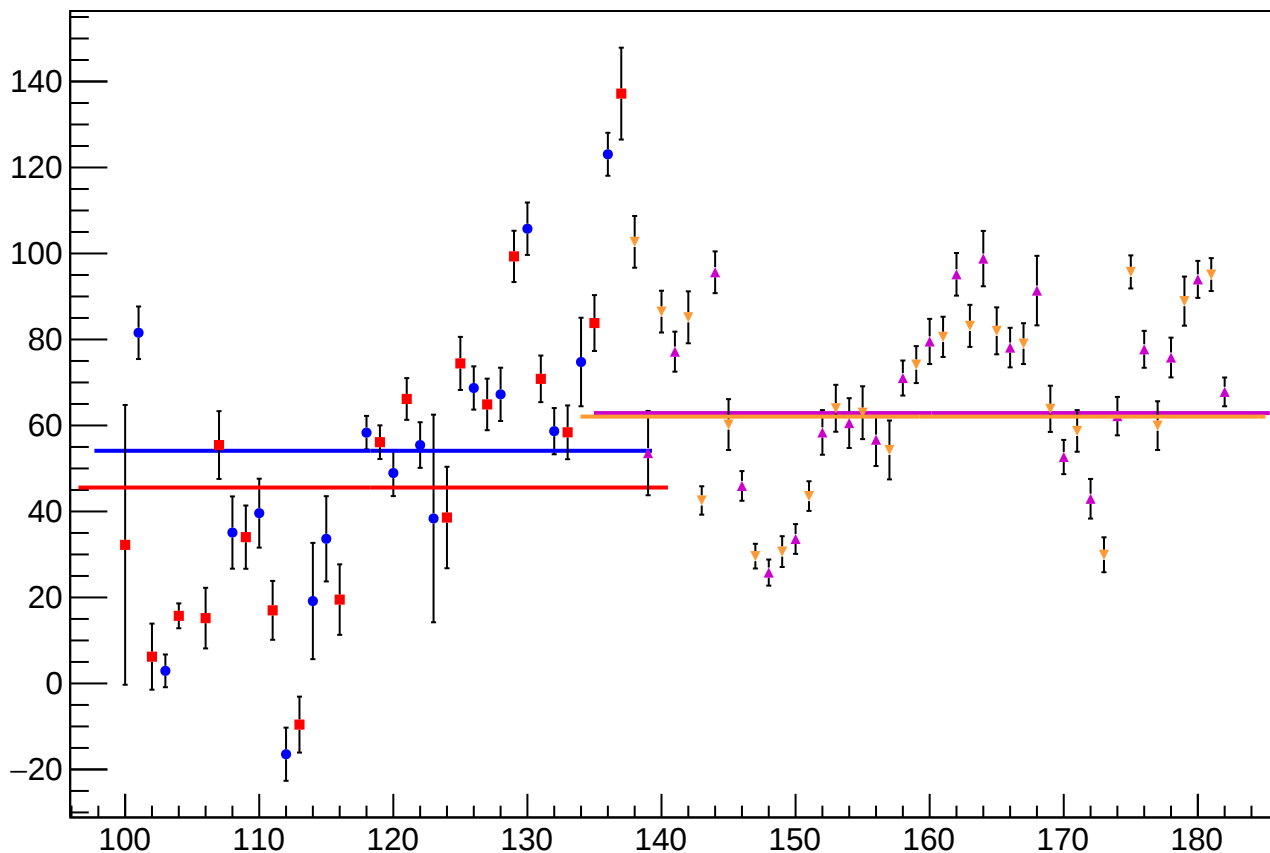
Left In: 225.006 $\pm$ 1.080 χ^2 /NDF: 3303.7/21

+ sign 233.523 $\pm$ 0.979 χ^2 /NDF: 8792.4/39

All: 232.498 $\pm$ 0.685 χ^2 /NDF: 18702.7/80

- sign 231.515 $\pm$ 0.959 χ^2 /NDF: 9908.2/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.110 $\pm$ 1.441 χ^2 /NDF: 633.3/16

Left Out: 62.061 $\pm$ 0.937 χ^2 /NDF:660.3/22

Right Out: 45.566 $\pm$ 1.359 χ^2 /NDF: 528.2/18

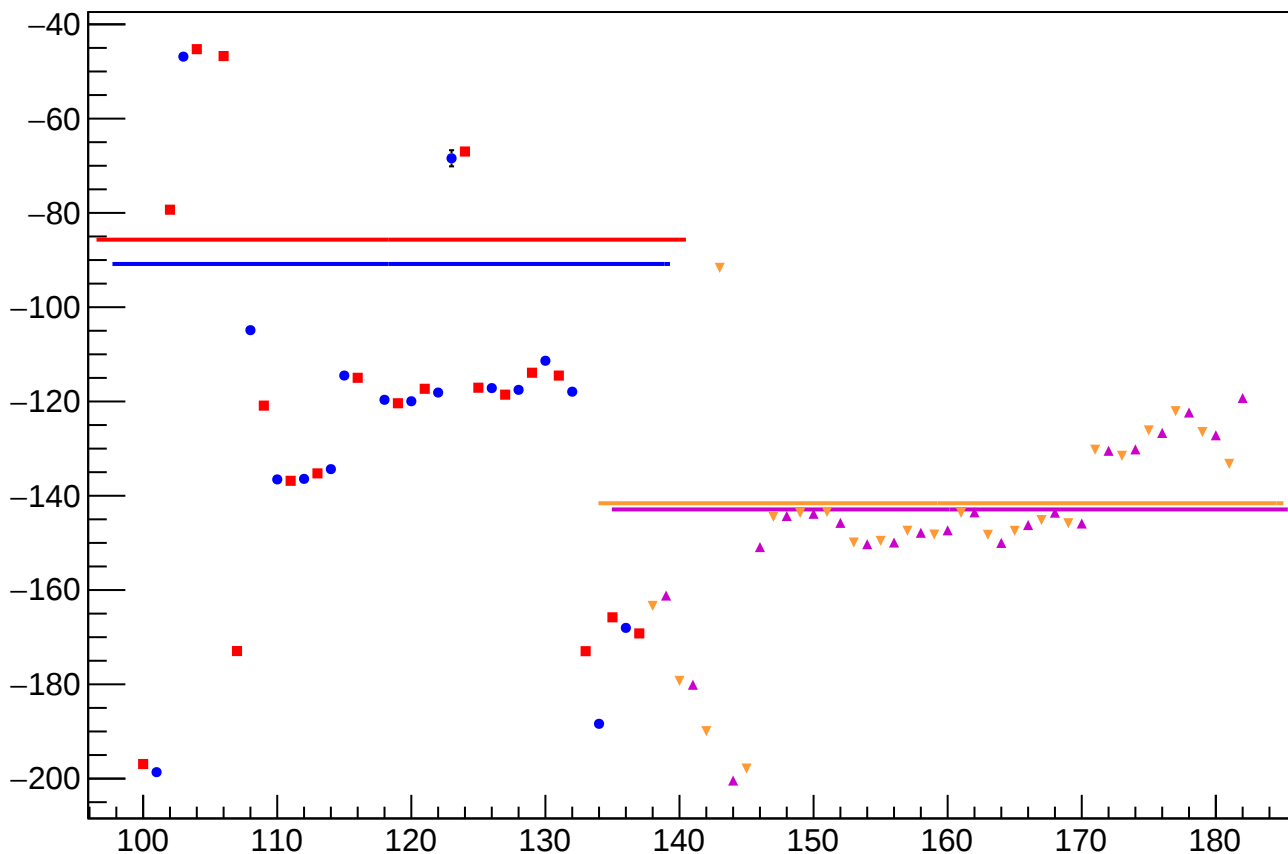
Left In: 62.881 $\pm$ 0.955 χ^2 /NDF:512.9/21

+ sign 59.696 $\pm$ 0.786 χ^2 /NDF: 1314.9/39

All: 58.420 $\pm$ 0.554 χ^2 /NDF: 2470.0/80

- sign 57.158 $\pm$ 0.781 χ^2 /NDF: 1149.8/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.830 ± 0.068 χ^2/NDF : 533047.0/16

Left Out: -141.584 ± 0.045 χ^2/NDF : 221962.4/22

Right Out: -85.675 ± 0.065 χ^2/NDF : 493800.4/18

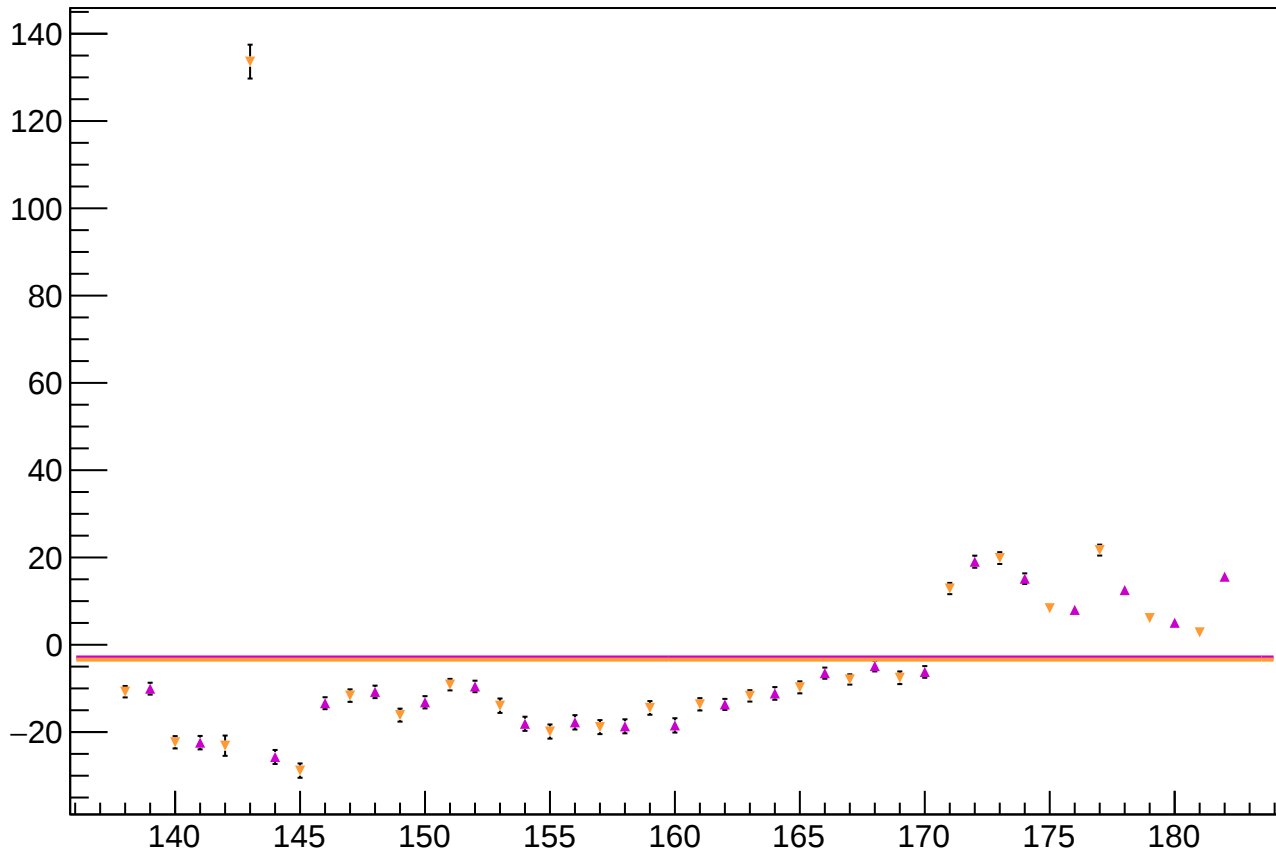
Left In: -142.903 ± 0.045 χ^2/NDF : 137297.2/21

+ sign -125.977 ± 0.038 χ^2/NDF : 1142979.9/39

All: -125.248 ± 0.026 χ^2/NDF : 2299578.7/80

- sign -124.547 ± 0.037 χ^2/NDF : 1155861.5/40

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: -3.406+/-0.279 χ^2/NDF : 3470.2/22

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

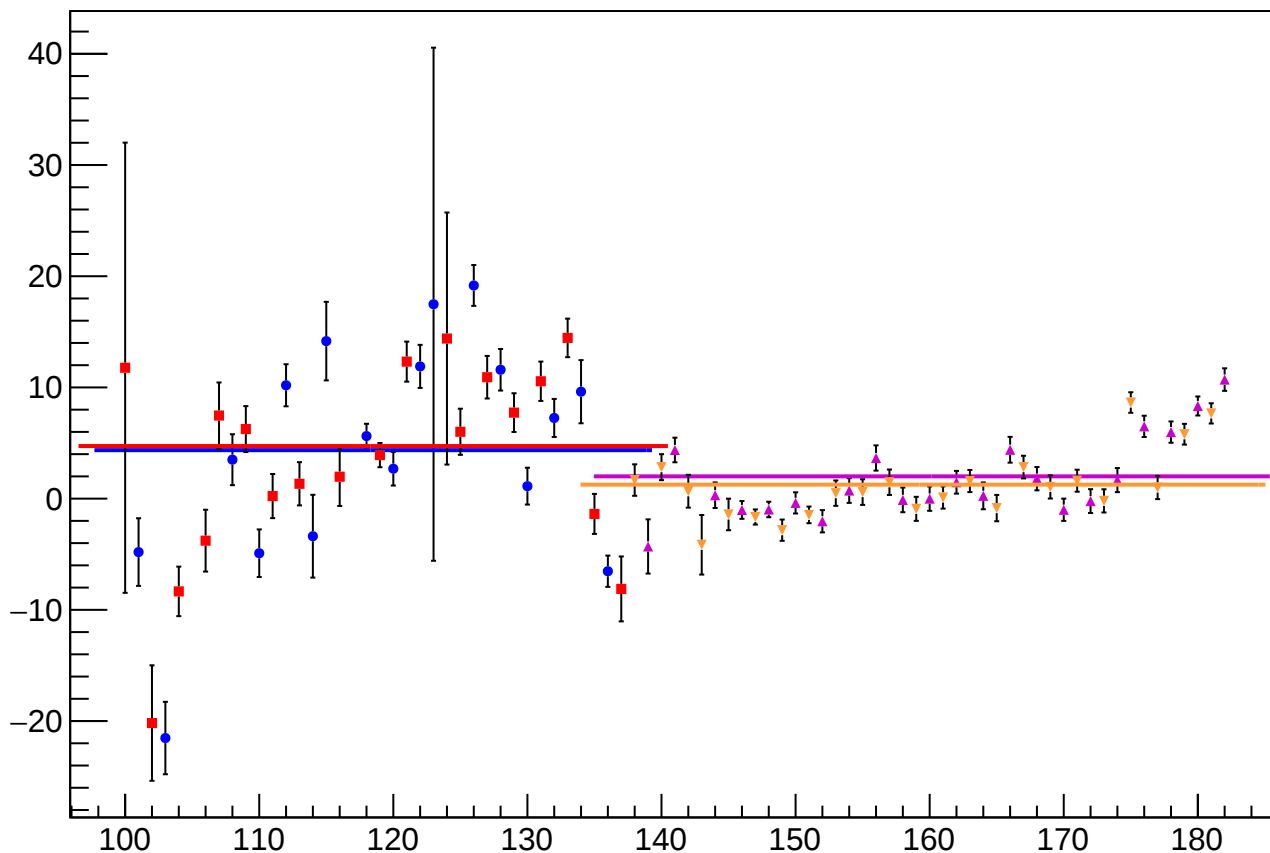
Left In: -2.910+/-0.274 χ^2/NDF : 2284.0/21

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.154+/-0.195 χ^2/NDF : 5755.8/44

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.358 ± 0.472 χ^2/NDF : 280.7/16

Left Out: 1.259 ± 0.216 χ^2/NDF : 210.6/22

Right Out: 4.729 ± 0.474 χ^2/NDF : 183.8/18

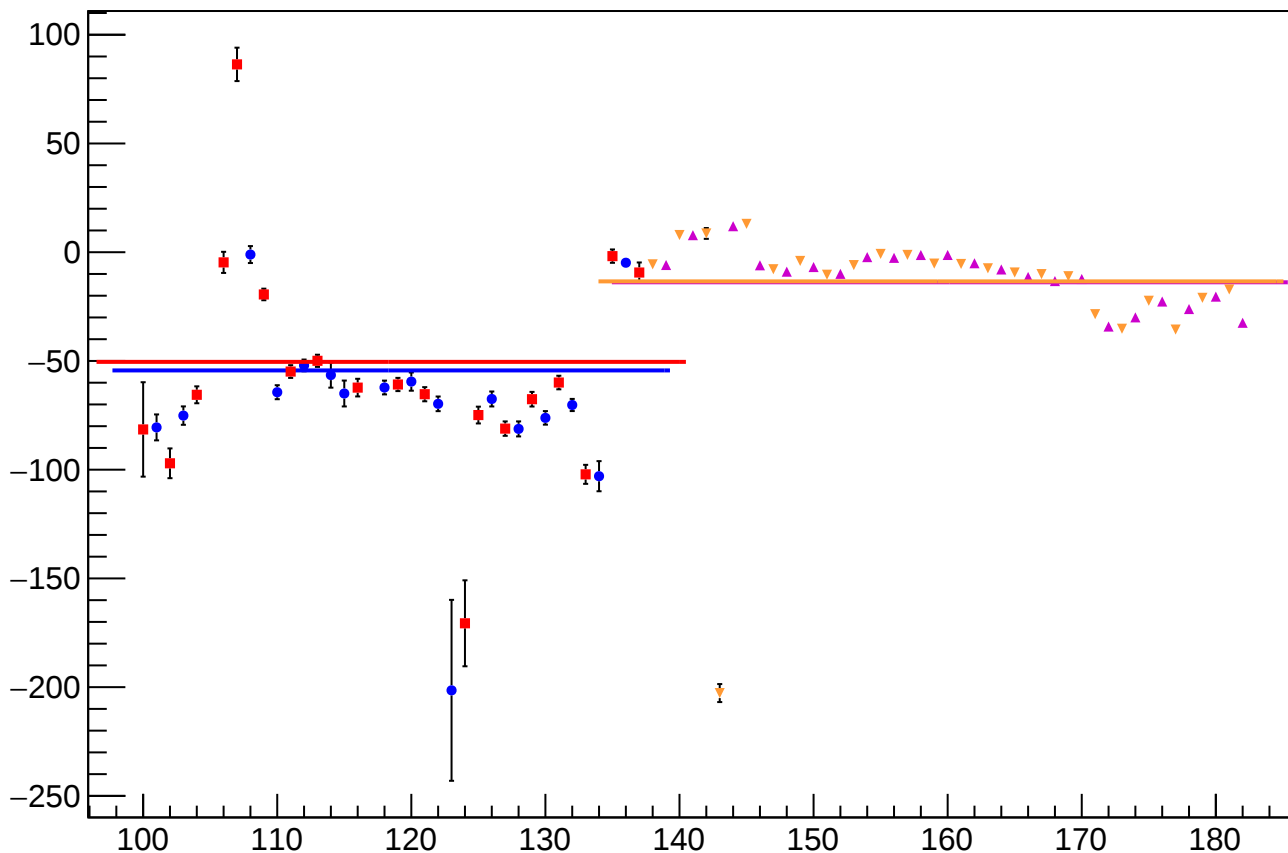
Left In: 2.002 ± 0.217 χ^2/NDF : 267.0/21

+ sign 1.794 ± 0.196 χ^2/NDF : 527.0/39

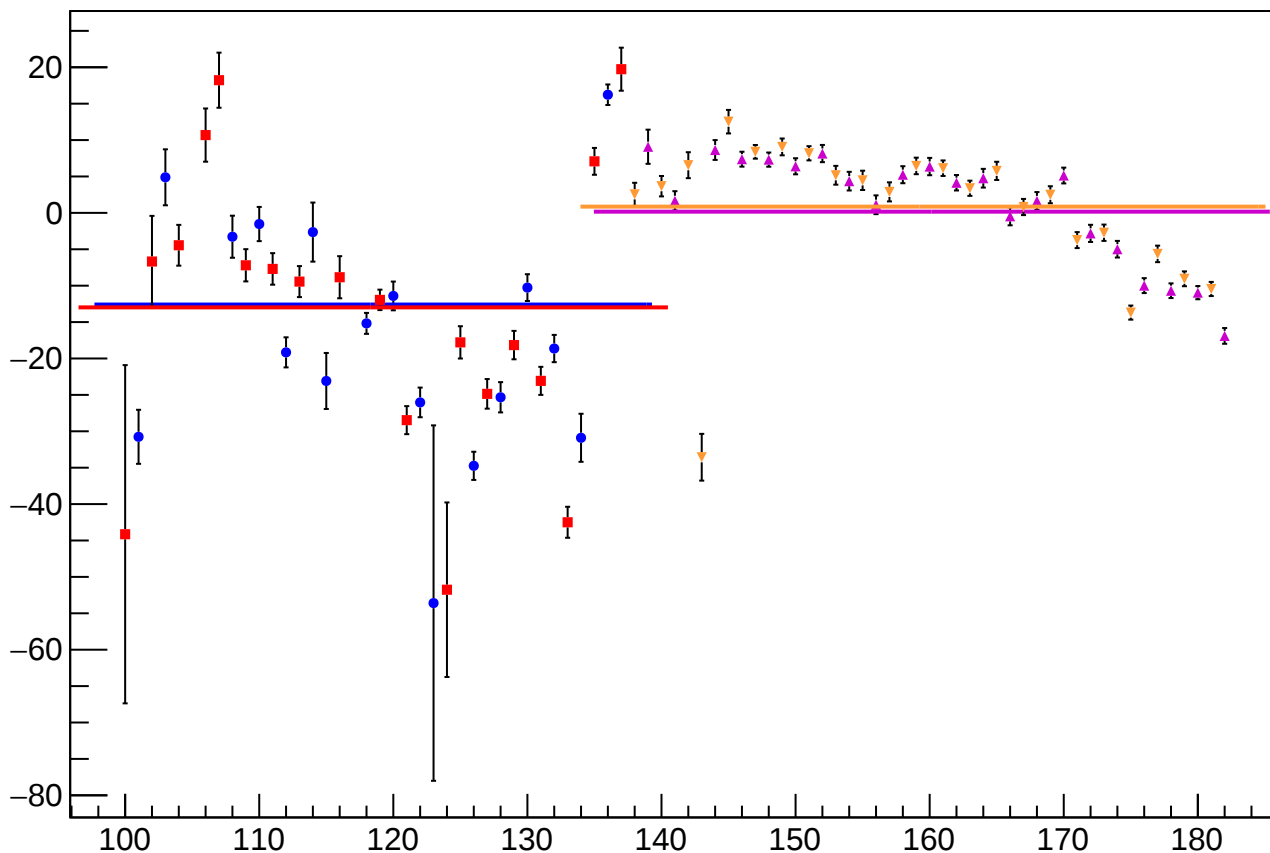
All: 2.133 ± 0.139 χ^2/NDF : 1011.1/80

- sign 2.475 ± 0.197 χ^2/NDF : 478.1/40

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: -12.592±/0.538 χ^2/NDF : 779.7/16

Left Out: 0.859±/0.245 χ^2/NDF : 963.6/22

Right Out: -12.981±/0.539 χ^2/NDF : 721.9/18

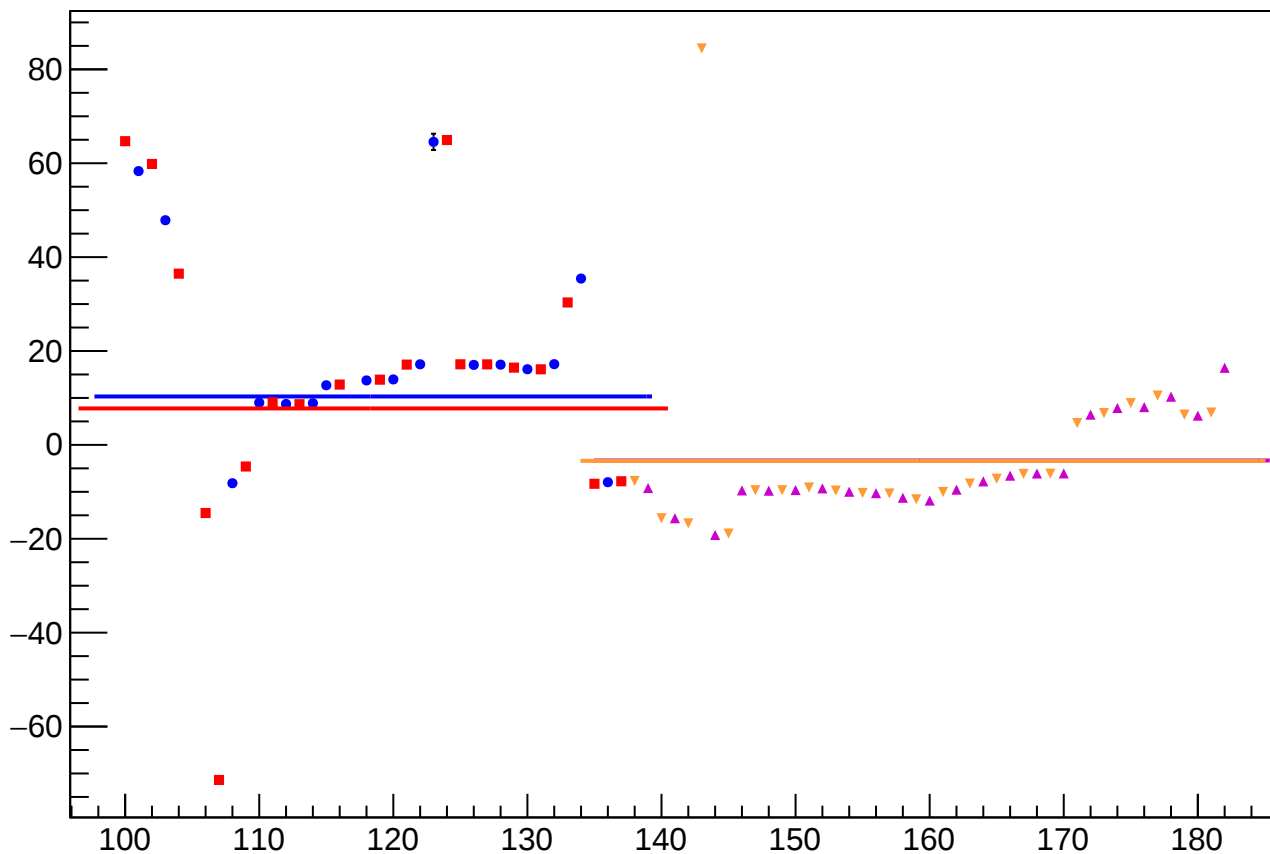
Left In: 0.166±/0.245 χ^2/NDF : 982.9/21

+ sign -1.457±/0.223 χ^2/NDF : 2261.6/39

All: -1.773±/0.158 χ^2/NDF : 4464.1/80

- sign -2.089±/0.223 χ^2/NDF : 2198.5/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.315 ± 0.031 χ^2/NDF : 380737.7/16

Left Out: -3.405 ± 0.011 χ^2/NDF : 857469.5/22

Right Out: 7.762 ± 0.031 χ^2/NDF : 543895.1/18

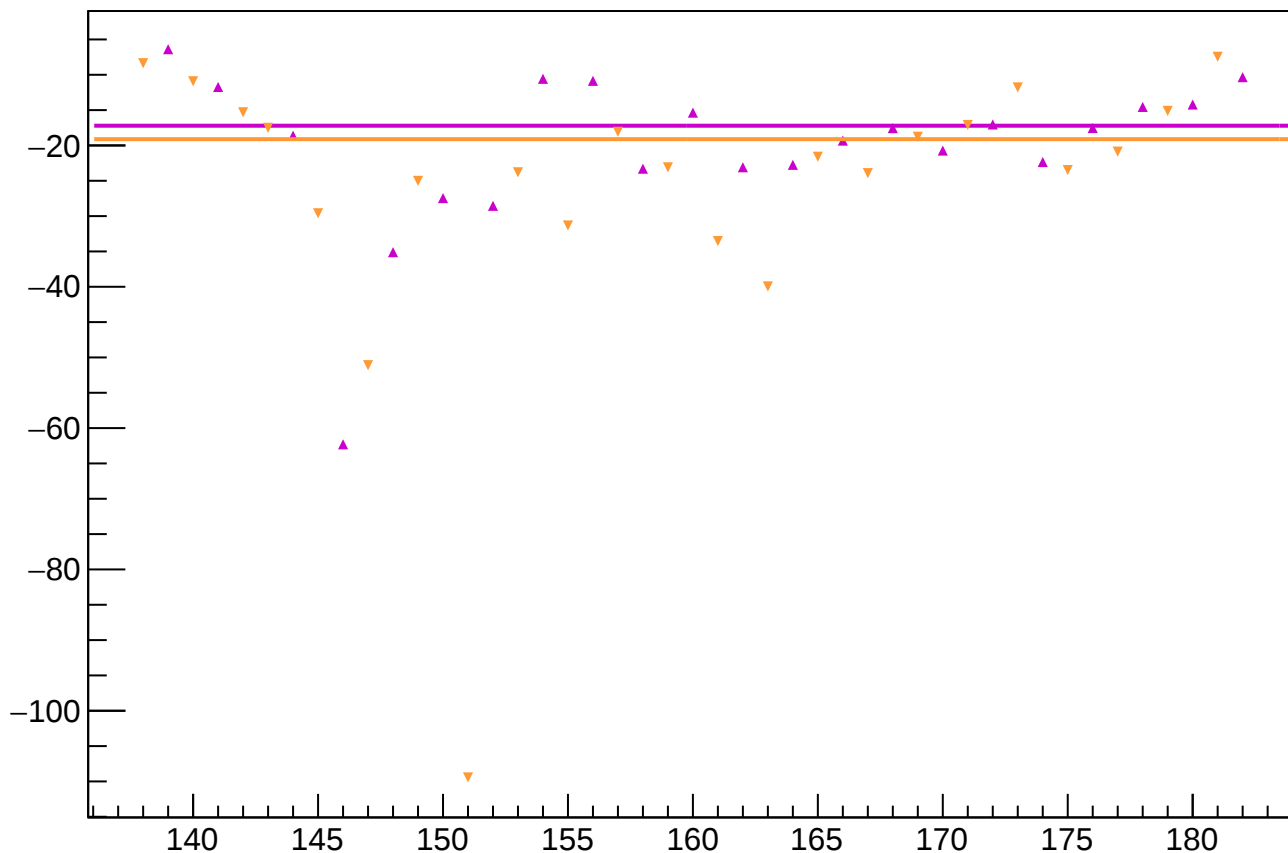
Left In: -3.318 ± 0.011 χ^2/NDF : 704540.0/21

+ sign -1.774 ± 0.011 χ^2/NDF : 1413923.7/39

All: -1.930 ± 0.007 χ^2/NDF : 2773818.7/80

- sign -2.083 ± 0.010 χ^2/NDF : 1359463.9/40

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -19.111 $\pm$ 0.042 χ^2 /NDF:83617.6/22

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

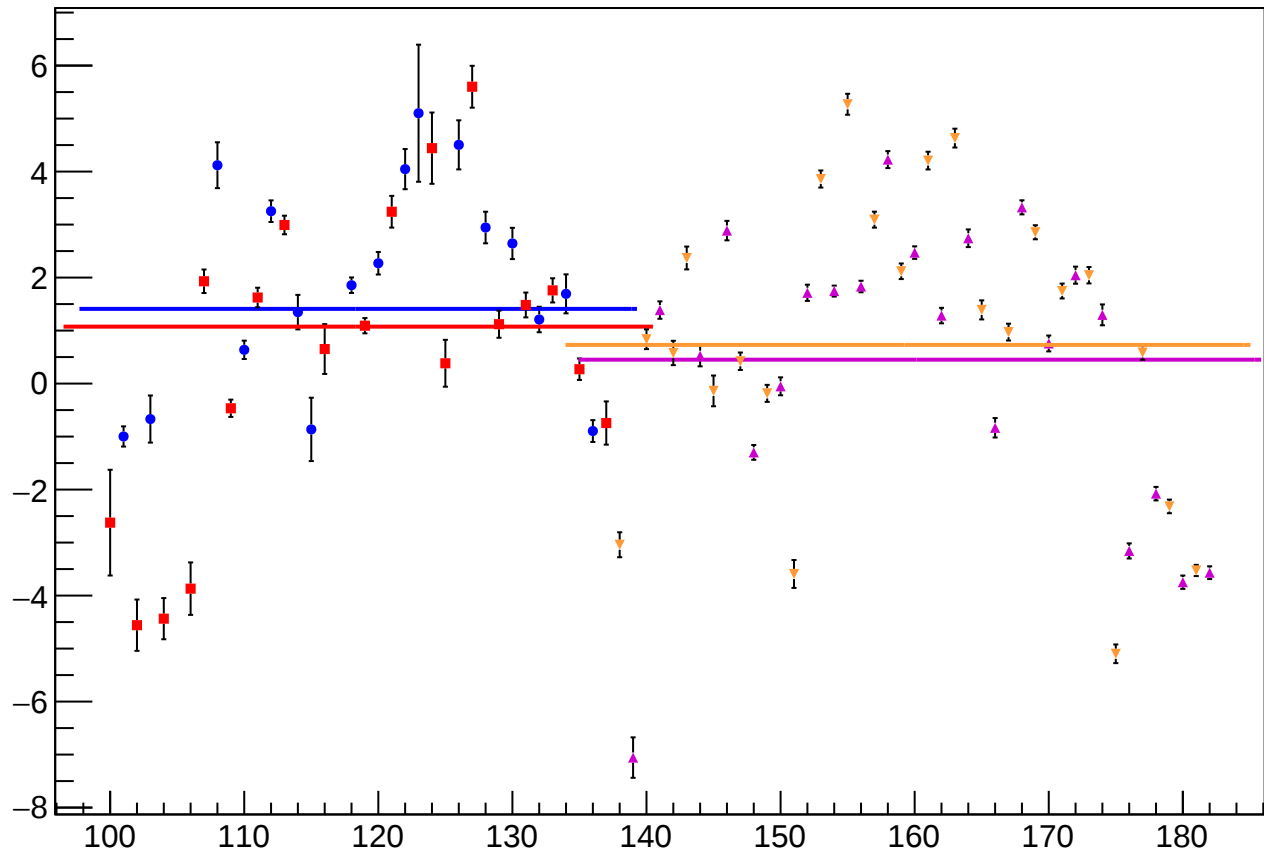
Left In: -17.207 $\pm$ 0.039 χ^2 /NDF:43599.0/21

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

All: -18.091 $\pm$ 0.028 χ^2 /NDF: 128334.1/44

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

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.409 $\pm$ 0.062 χ^2 /NDF: 634.6/16

Left Out: 0.730 $\pm$ 0.034 χ^2 /NDF: 6449.8/22

Right Out: 1.074 $\pm$ 0.058 χ^2 /NDF: 942.5/18

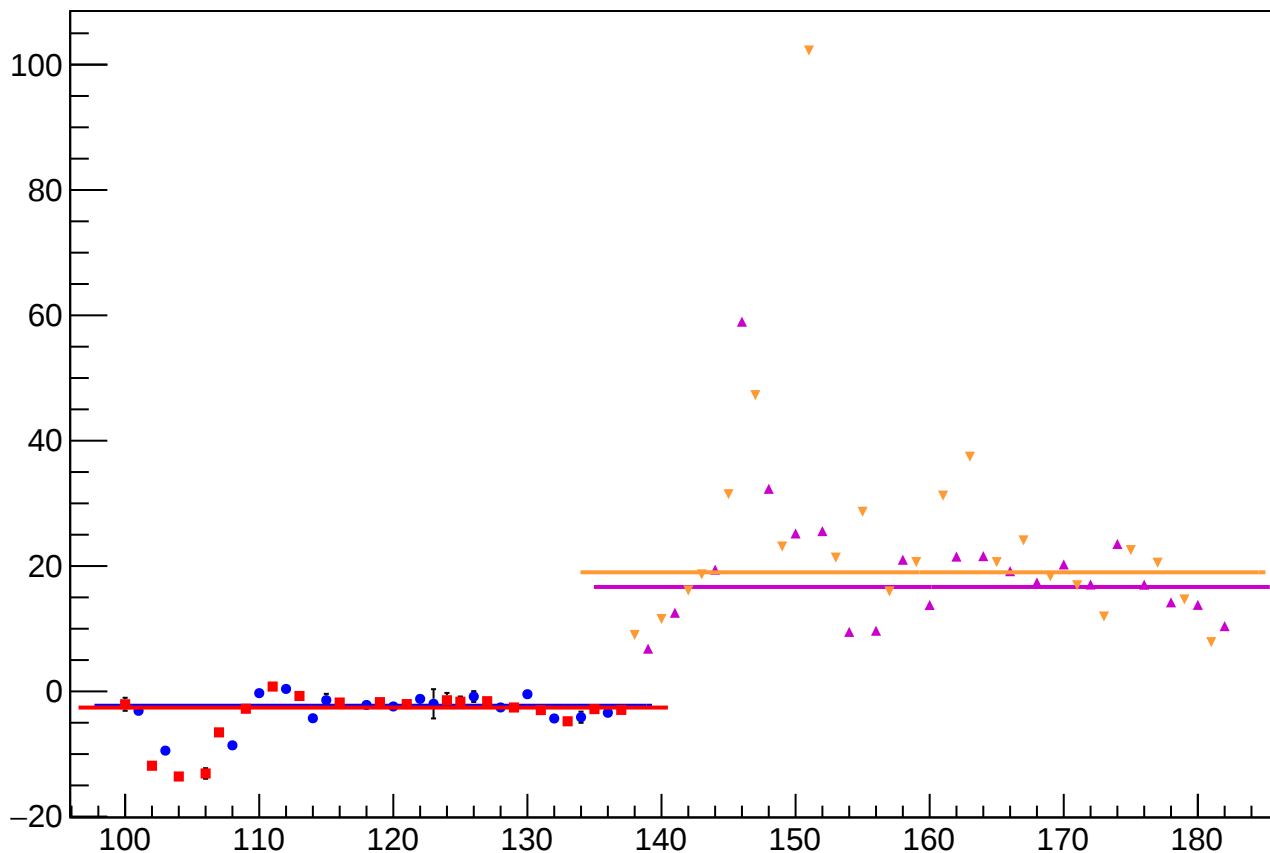
Left In: 0.451 $\pm$ 0.031 χ^2 /NDF: 6106.0/21

+ sign 0.886 $\pm$ 0.030 χ^2 /NDF: 7176.6/39

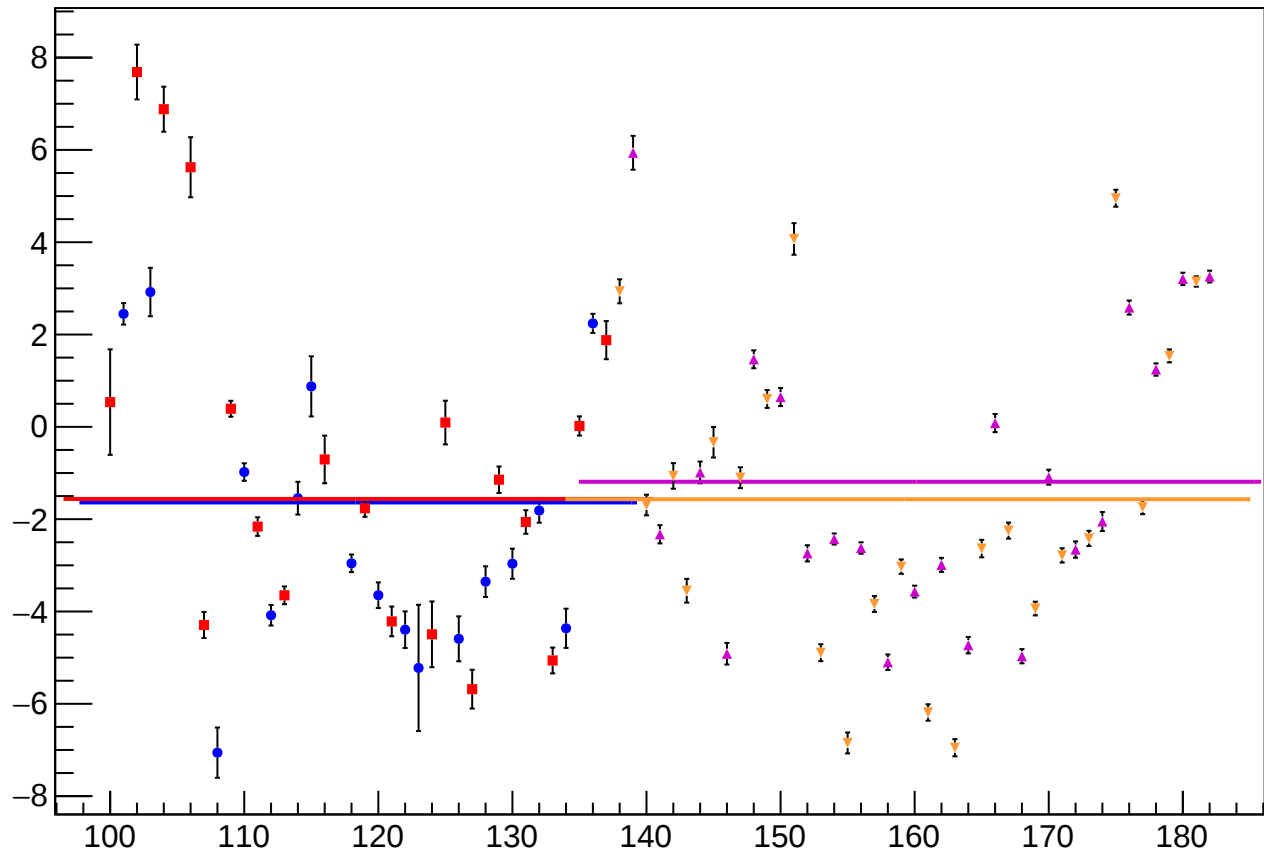
All: 0.726 $\pm$ 0.020 χ^2 /NDF: 14368.4/80

- sign 0.590 $\pm$ 0.027 χ^2 /NDF: 7138.1/40

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.638 ± 0.071 χ^2/NDF : 1258.5/16

Left Out: -1.568 ± 0.038 χ^2/NDF : 7289.5/22

Right Out: -1.561 ± 0.066 χ^2/NDF : 1503.8/18

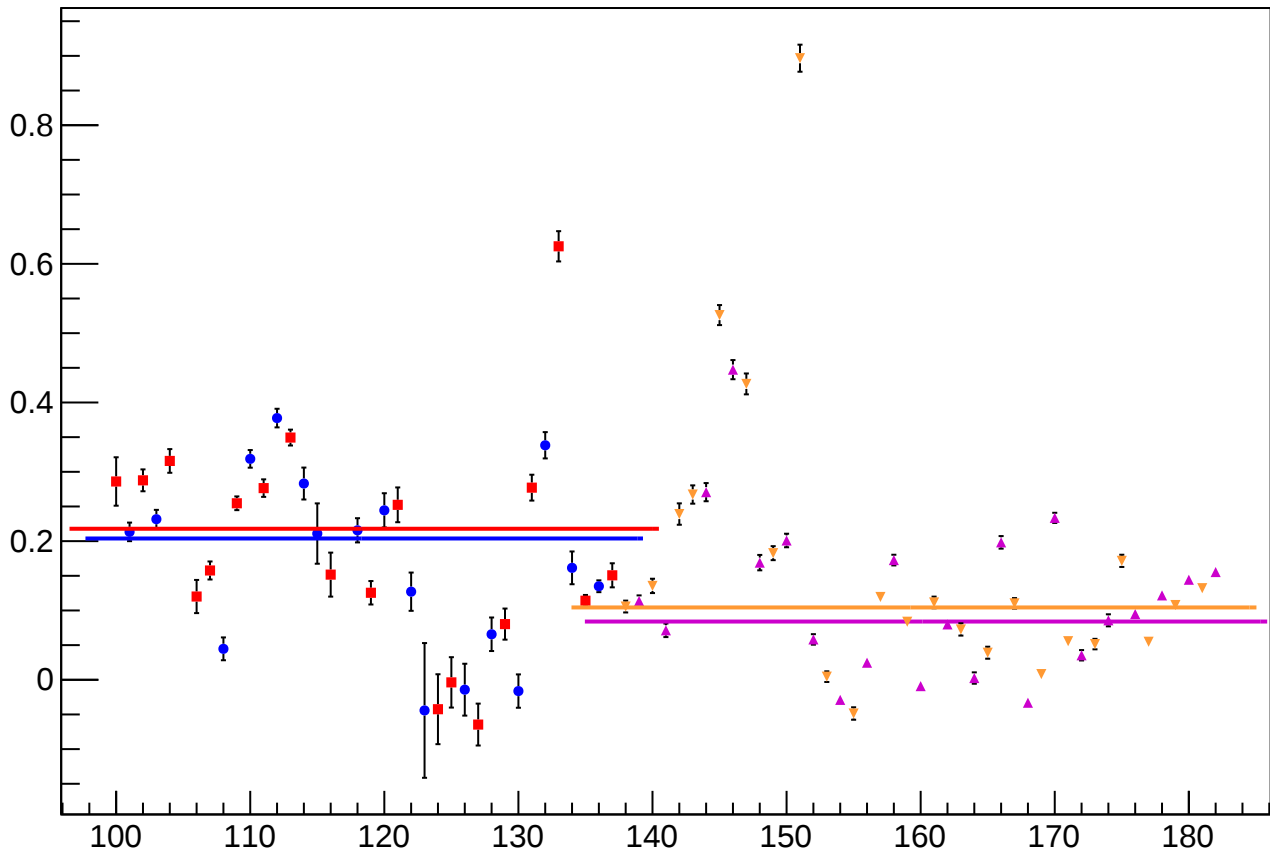
Left In: -1.189 ± 0.035 χ^2/NDF : 6621.2/21

+ sign -1.584 ± 0.033 χ^2/NDF : 8548.8/39

All: -1.413 ± 0.023 χ^2/NDF : 16746.8/80

- sign -1.270 ± 0.031 χ^2/NDF : 8150.2/40

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.204 $\pm$ 0.004 χ^2 /NDF: 645.6/16

Left Out: 0.104 $\pm$ 0.002 χ^2 /NDF: 4251.3/22

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1016.1/18

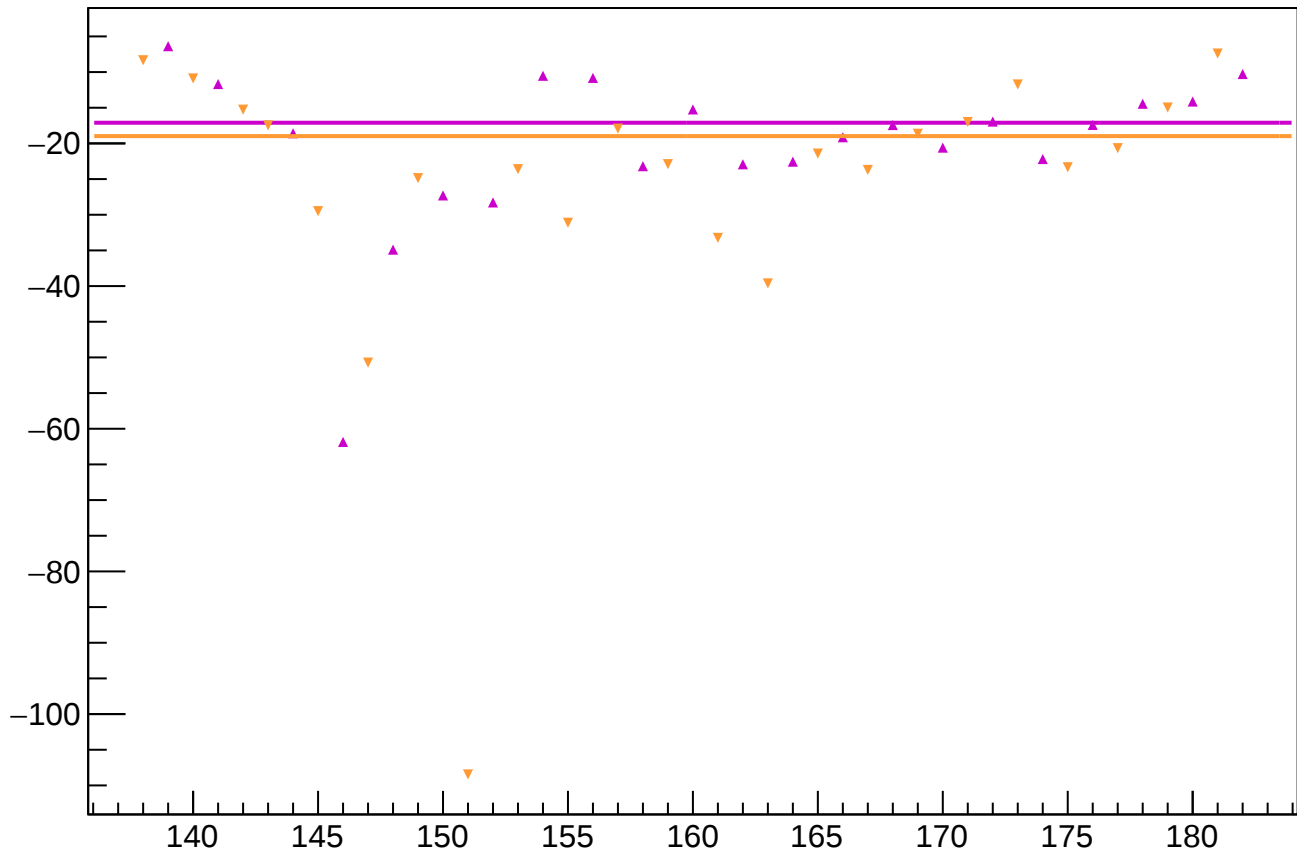
Left In: 0.084 $\pm$ 0.002 χ^2 /NDF: 3553.5/21

+ sign 0.119 $\pm$ 0.002 χ^2 /NDF: 5387.1/39

All: 0.110 $\pm$ 0.001 χ^2 /NDF: 11128.8/80

- sign 0.103 $\pm$ 0.001 χ^2 /NDF: 5690.0/40

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -18.980 $\pm$ 0.041 χ^2 /NDF: 83469.0/22

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

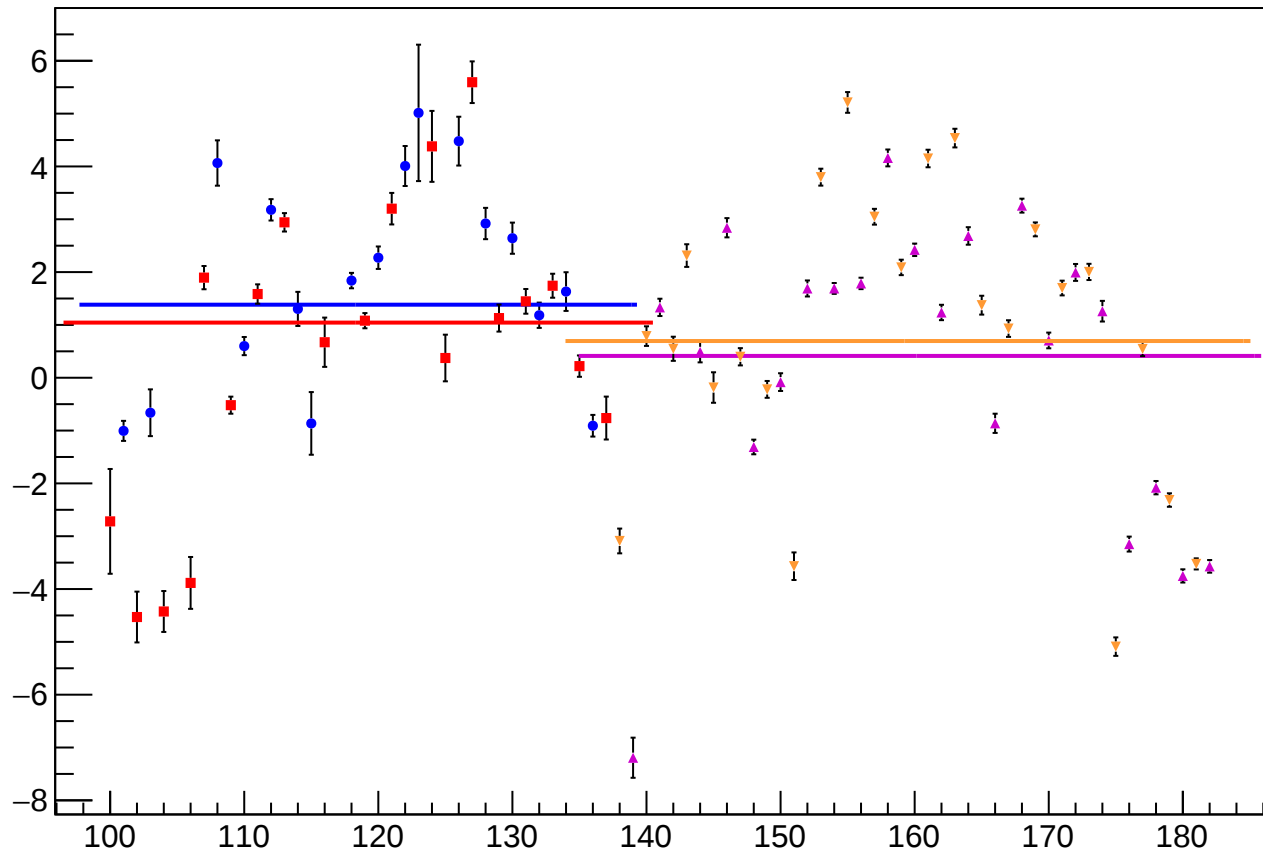
Left In: -17.101 $\pm$ 0.039 χ^2 /NDF: 43519.8/21

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

All: -17.974 $\pm$ 0.028 χ^2 /NDF: 128091.3/44

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

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.383 ± 0.062 $\chi^2/\text{NDF}: 632.3/16$

Left Out: 0.695 ± 0.034 $\chi^2/\text{NDF}: 6438.7/22$

Right Out: 1.044 ± 0.058 $\chi^2/\text{NDF}: 947.0/18$

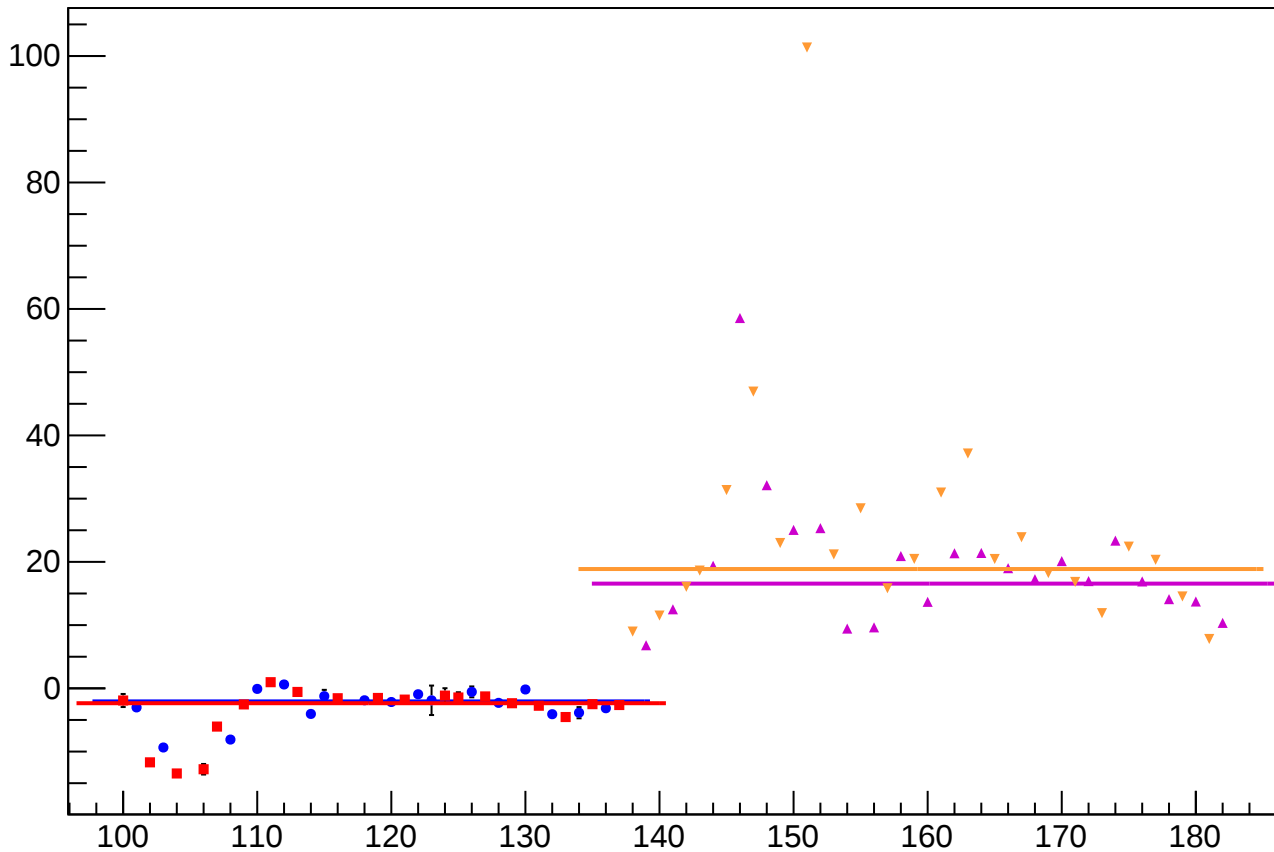
Left In: 0.413 ± 0.031 $\chi^2/\text{NDF}: 6091.8/21$

+ sign 0.853 ± 0.030 $\chi^2/\text{NDF}: 7166.4/39$

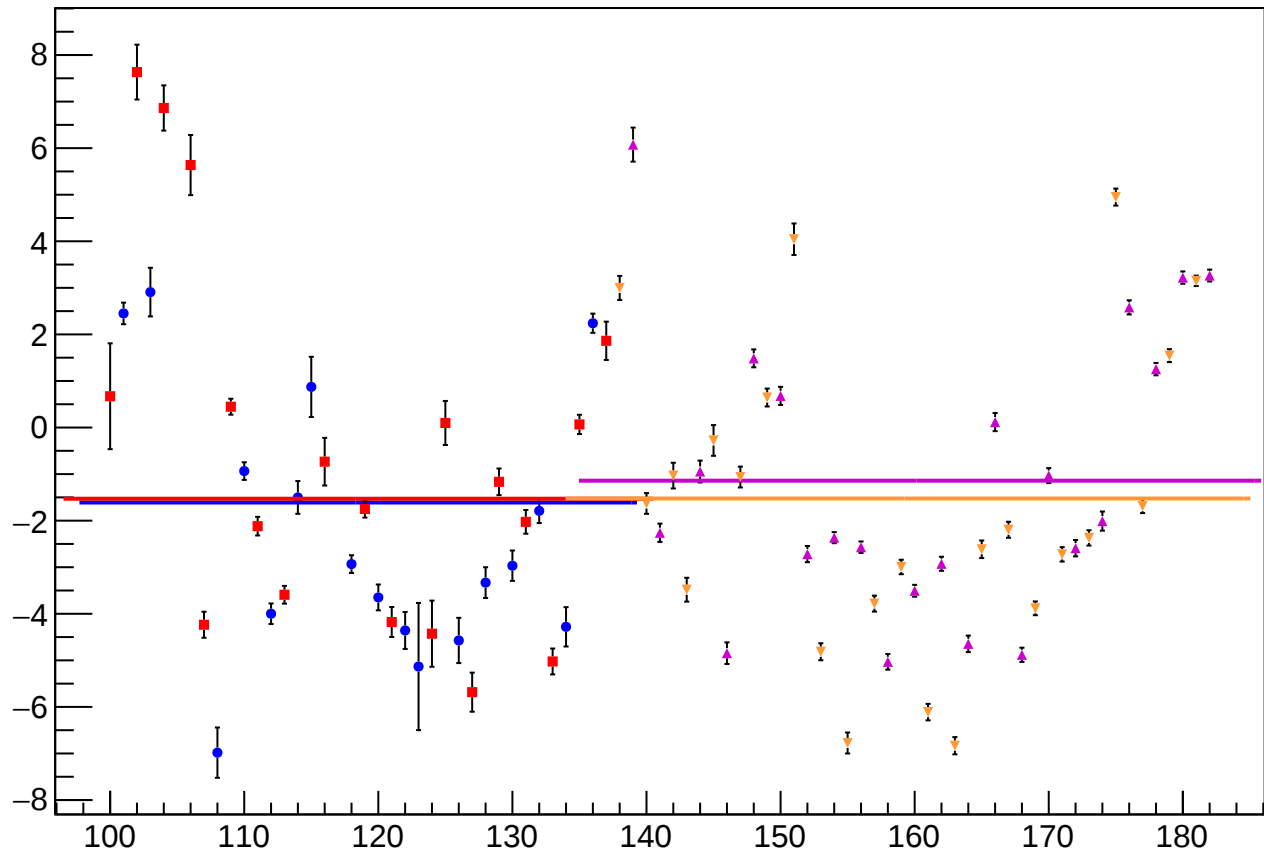
All: 0.691 ± 0.020 $\chi^2/\text{NDF}: 14353.5/80$

- sign 0.553 ± 0.027 $\chi^2/\text{NDF}: 7131.5/40$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.610 ± 0.071 χ^2/NDF : 1253.3/16

Left Out: -1.524 ± 0.038 χ^2/NDF : 7274.9/22

Right Out: -1.529 ± 0.065 χ^2/NDF : 1507.9/18

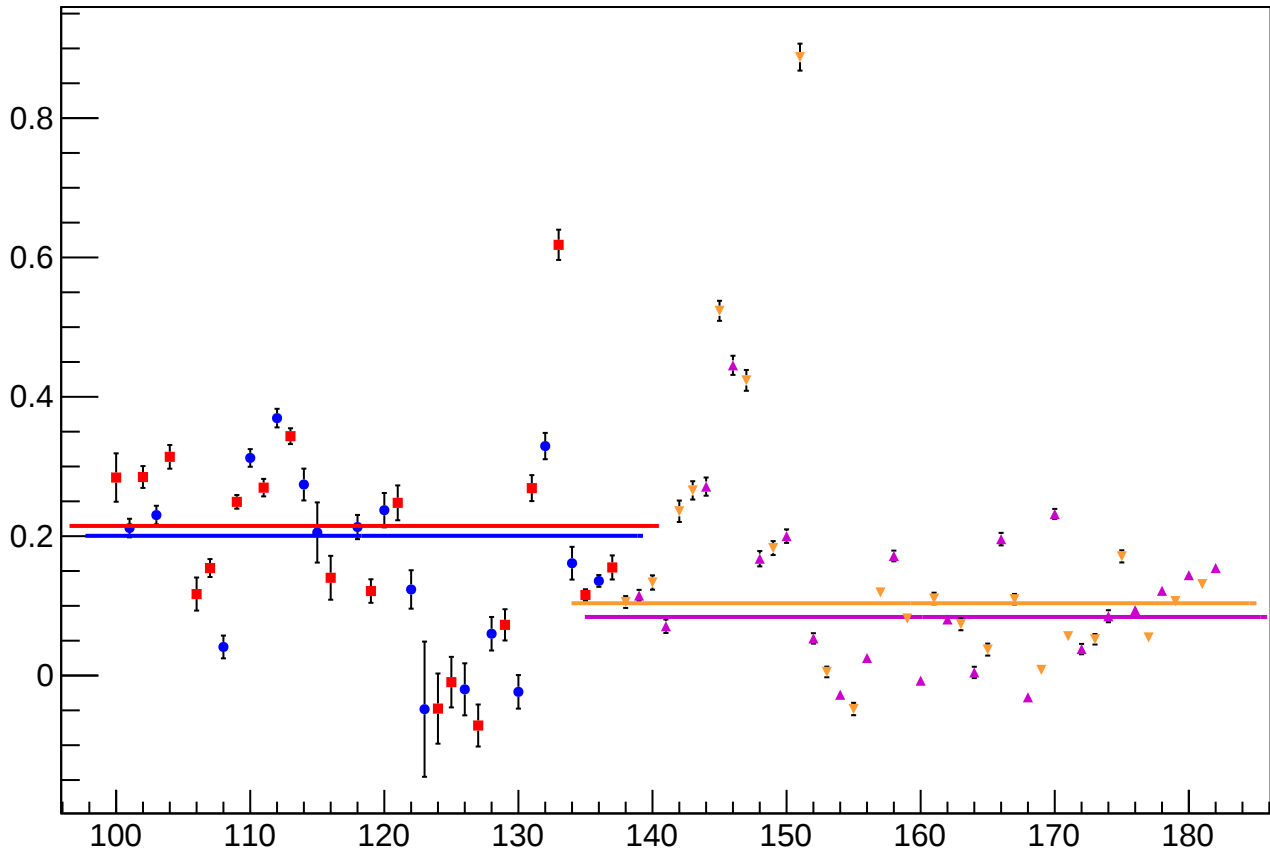
Left In: -1.141 ± 0.034 χ^2/NDF : 6605.1/21

+ sign -1.543 ± 0.033 χ^2/NDF : 8529.3/39

All: -1.370 ± 0.022 χ^2/NDF : 16719.7/80

- sign -1.225 ± 0.030 χ^2/NDF : 8140.6/40

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 630.5/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4243.0/22

Right Out: 0.215 ± 0.004 χ^2/NDF : 999.0/18

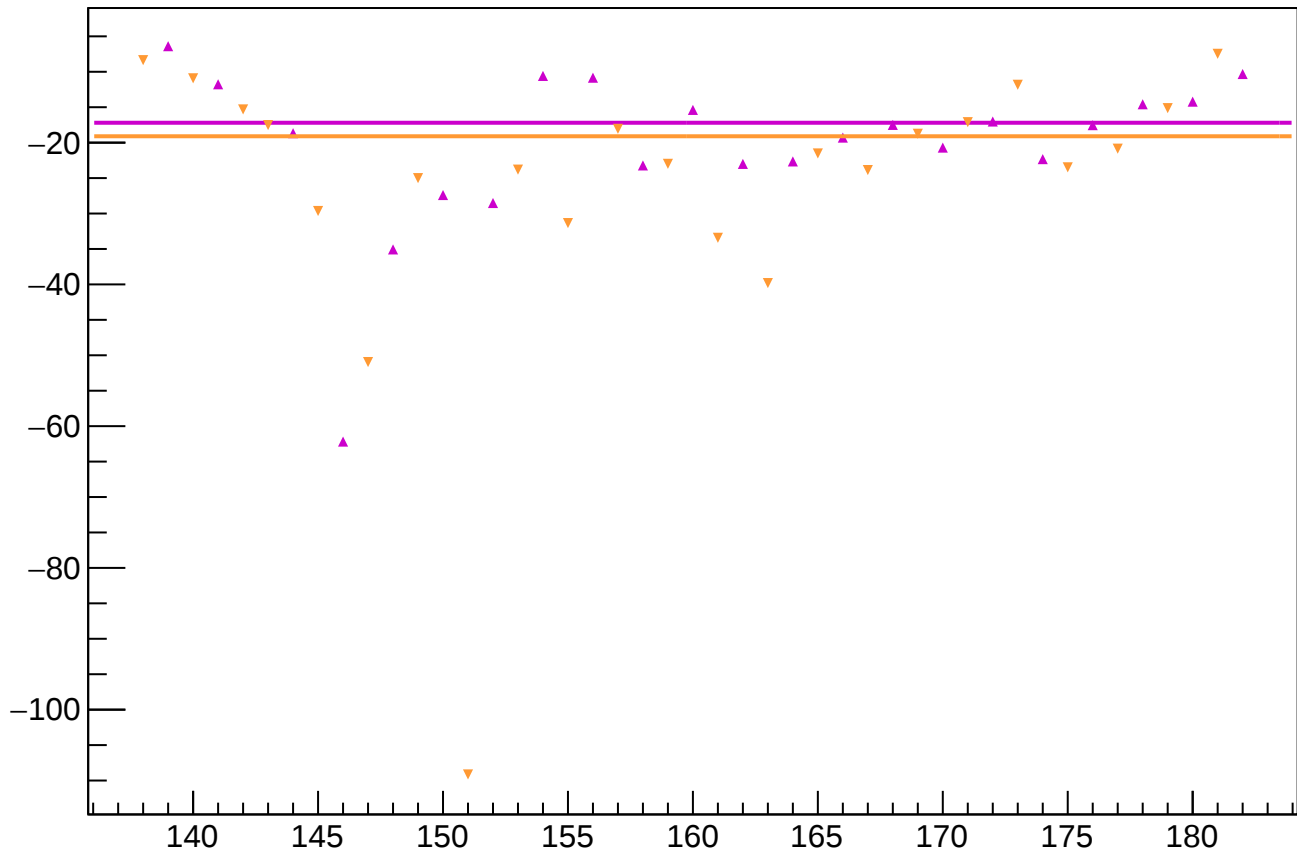
Left In: 0.084 ± 0.002 χ^2/NDF : 3523.3/21

+ sign 0.118 ± 0.002 χ^2/NDF : 5342.2/39

All: 0.109 ± 0.001 χ^2/NDF : 10991.7/80

- sign 0.103 ± 0.001 χ^2/NDF : 5601.0/40

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -19.099 $\pm$ 0.042 χ^2 /NDF: 83564.9/22

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

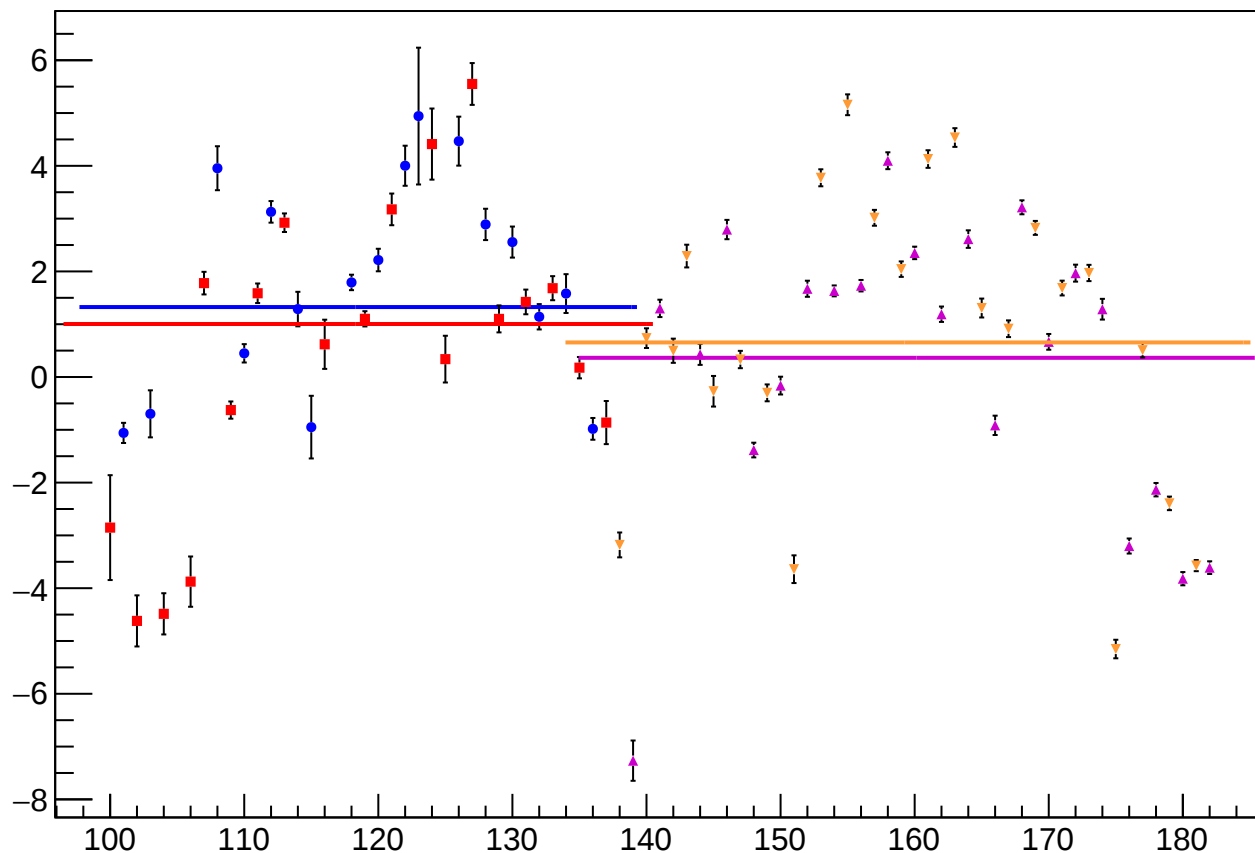
Left In: -17.192 $\pm$ 0.039 χ^2 /NDF: 43596.6/21

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

All: -18.078 $\pm$ 0.028 χ^2 /NDF: 128287.8/44

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

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.325 $\pm$ 0.062 χ^2 /NDF: 637.1/16

Left Out: 0.655 $\pm$ 0.034 χ^2 /NDF: 6459.3/22

Right Out: 1.004 $\pm$ 0.058 χ^2 /NDF: 957.8/18

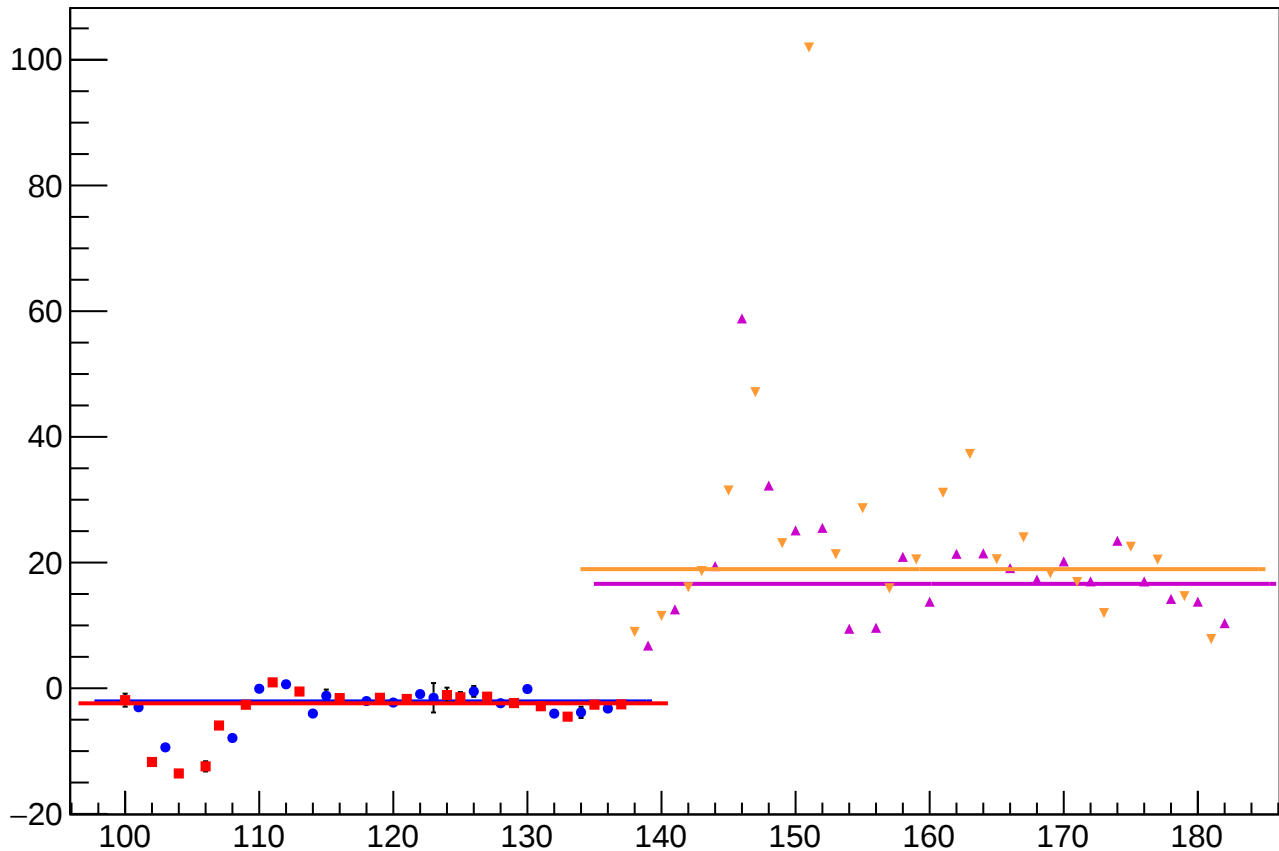
Left In: 0.364 $\pm$ 0.031 χ^2 /NDF: 6058.3/21

+ sign 0.809 $\pm$ 0.030 χ^2 /NDF: 7186.2/39

All: 0.645 $\pm$ 0.020 χ^2 /NDF: 14353.5/80

- sign 0.506 $\pm$ 0.027 χ^2 /NDF: 7111.1/40

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.090 ± 0.112 χ^2/NDF : 449.1/16

Left Out: 18.954 ± 0.042 χ^2/NDF : 73677.2/22

Right Out: -2.395 ± 0.099 χ^2/NDF : 889.1/18

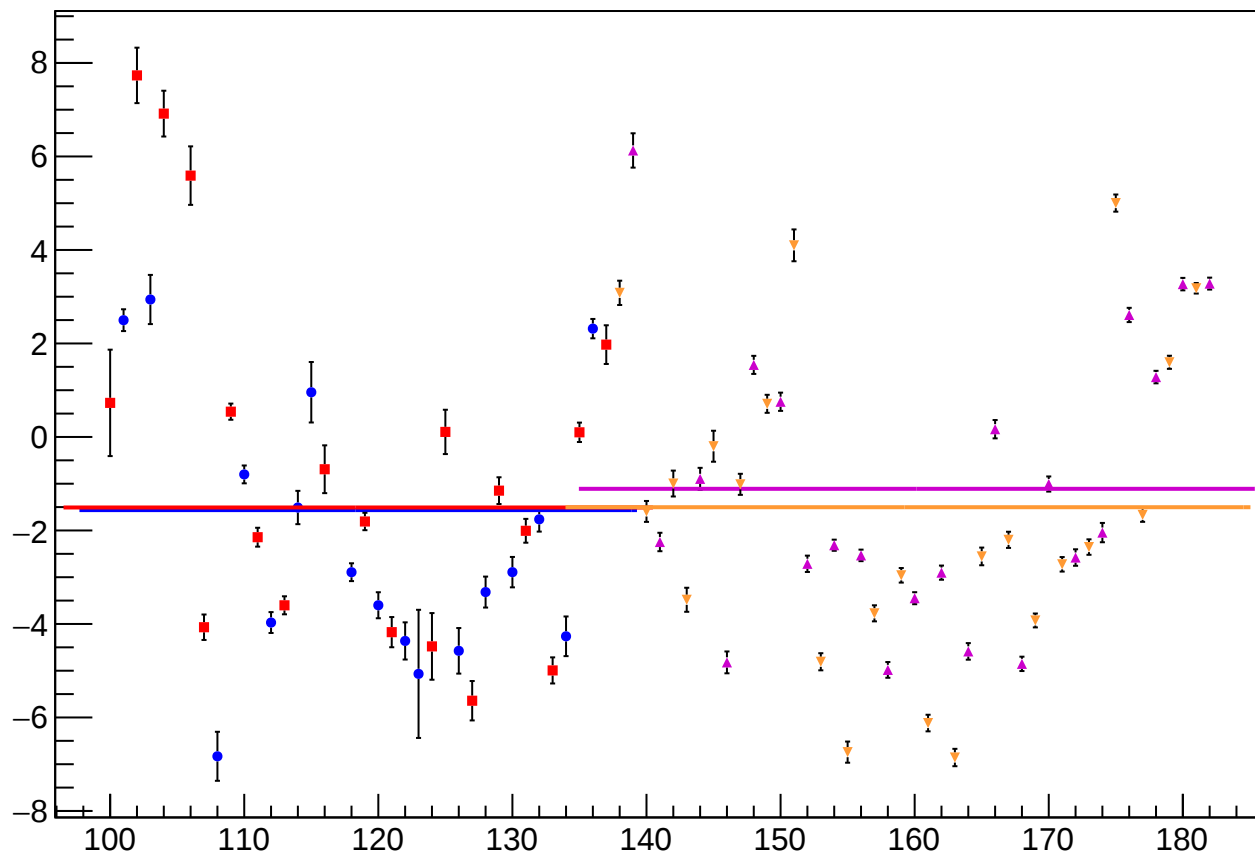
Left In: 16.615 ± 0.038 χ^2/NDF : 40553.5/21

+ sign 16.389 ± 0.039 χ^2/NDF : 105367.2/39

All: 15.167 ± 0.026 χ^2/NDF : 180762.9/80

- sign 14.141 ± 0.036 χ^2/NDF : 73583.7/40

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.565 ± 0.071 χ^2/NDF : 1258.1/16

Left Out: -1.503 ± 0.038 χ^2/NDF : 7299.8/22

Right Out: -1.508 ± 0.066 χ^2/NDF : 1518.8/18

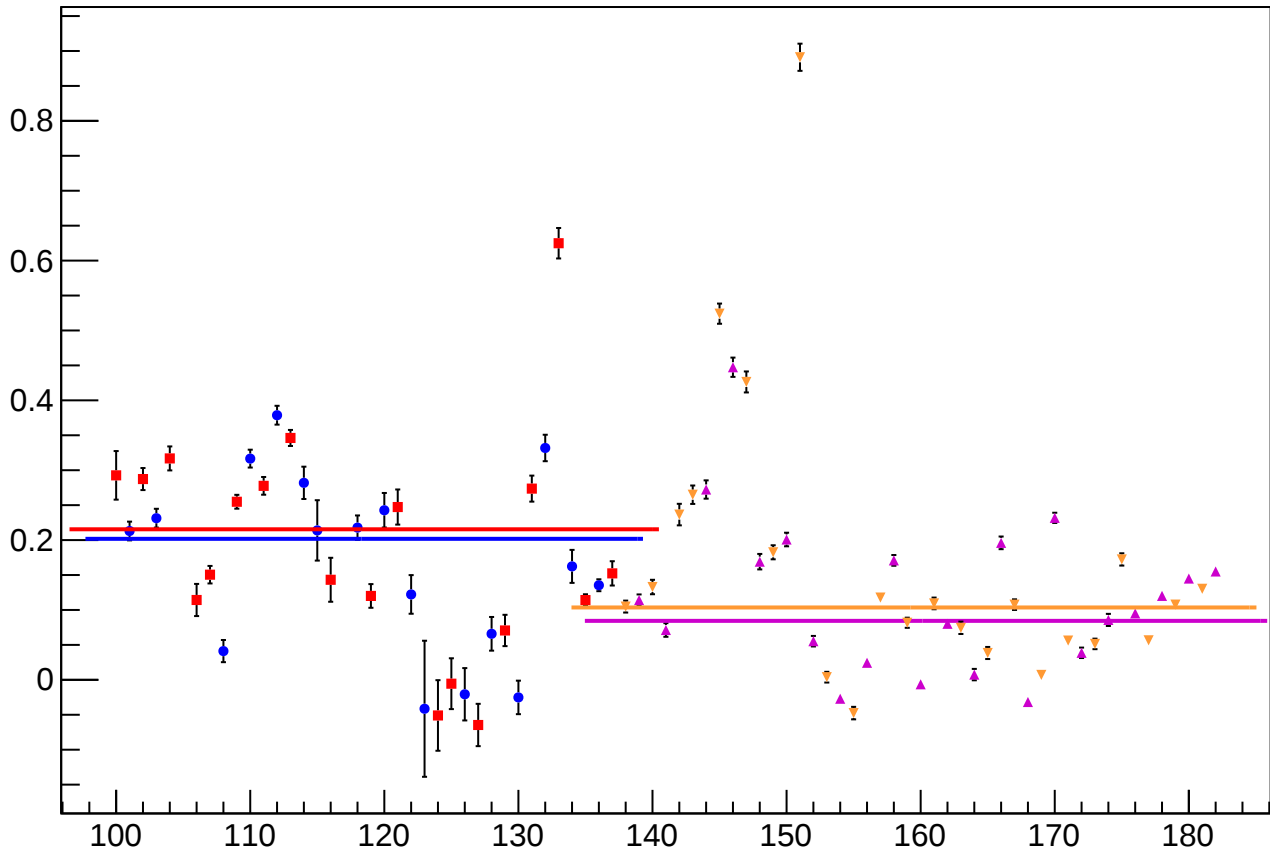
Left In: -1.109 ± 0.034 χ^2/NDF : 6558.4/21

+ sign -1.516 ± 0.033 χ^2/NDF : 8558.5/39

All: -1.342 ± 0.023 χ^2/NDF : 16715.0/80

- sign -1.196 ± 0.031 χ^2/NDF : 8106.3/40

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.004 χ^2/NDF : 658.6/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4225.8/22

Right Out: 0.215 ± 0.004 χ^2/NDF : 1031.4/18

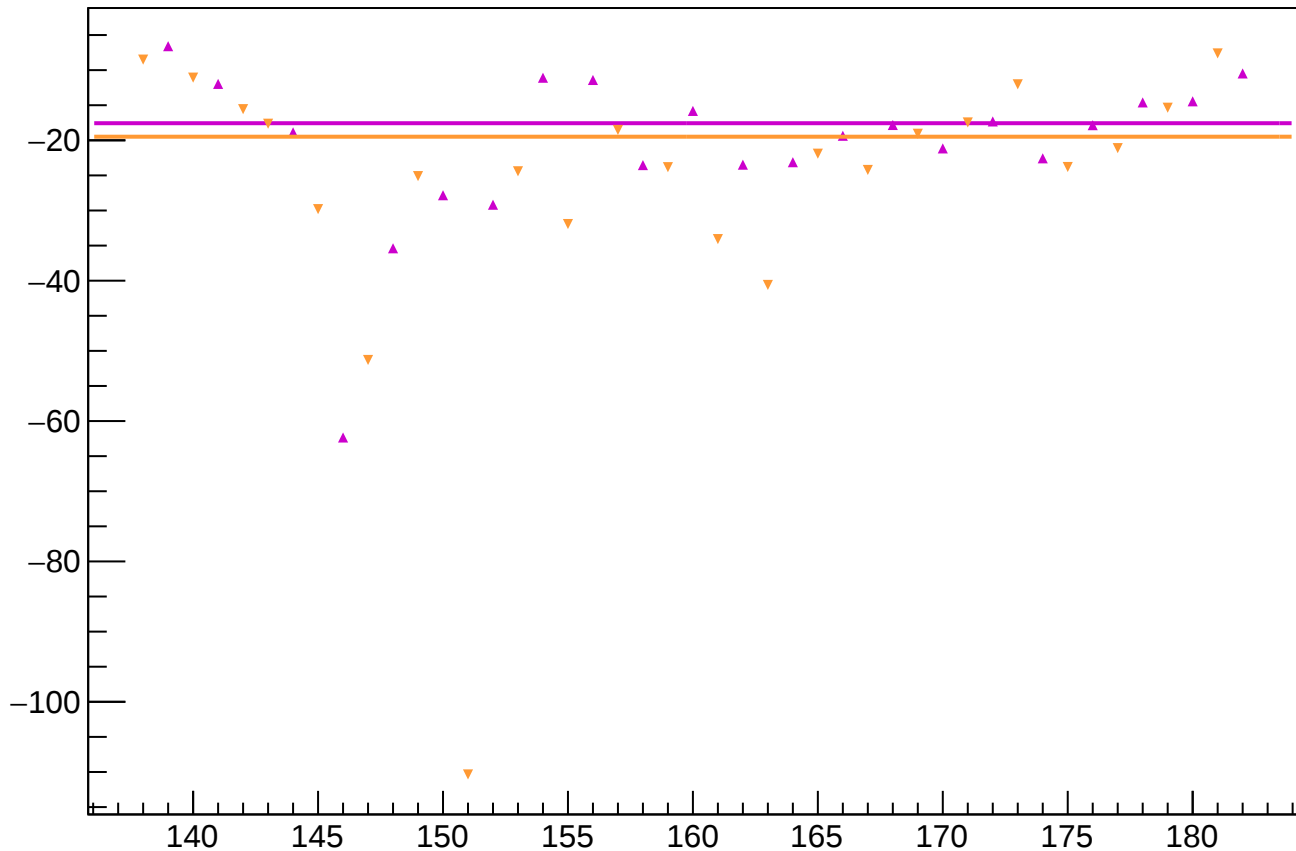
Left In: 0.084 ± 0.002 χ^2/NDF : 3500.7/21

+ sign 0.118 ± 0.002 χ^2/NDF : 5364.0/39

All: 0.110 ± 0.001 χ^2/NDF : 11022.3/80

- sign 0.103 ± 0.001 χ^2/NDF : 5612.9/40

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -19.485 ± 0.043 χ^2/NDF : 82932.3/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

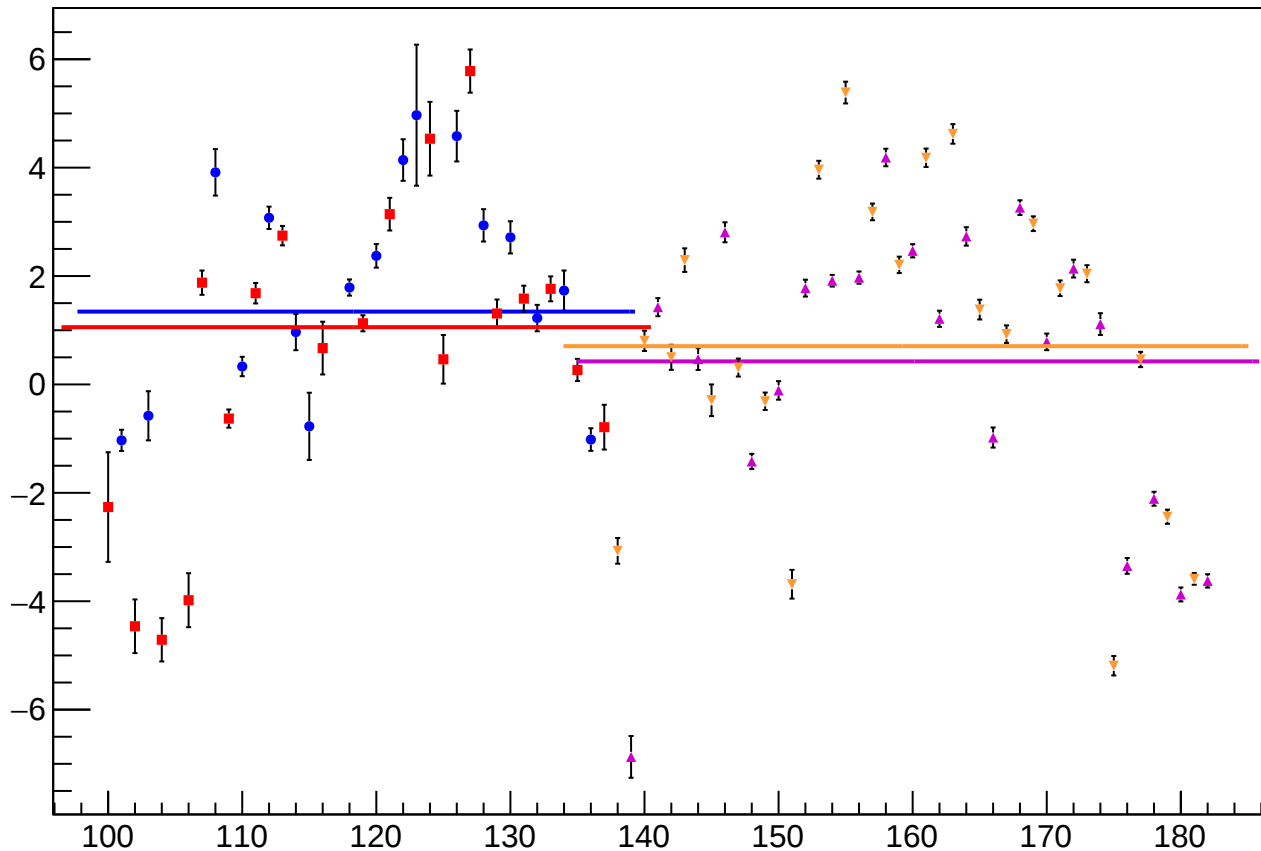
Left In: -17.563 ± 0.040 χ^2/NDF : 42645.6/21

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.457 ± 0.029 χ^2/NDF : 126671.5/44

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.344 ± 0.063 χ^2/NDF : 636.3/16

Left Out: 0.706 ± 0.035 χ^2/NDF : 6452.0/22

Right Out: 1.057 ± 0.059 χ^2/NDF : 927.5/18

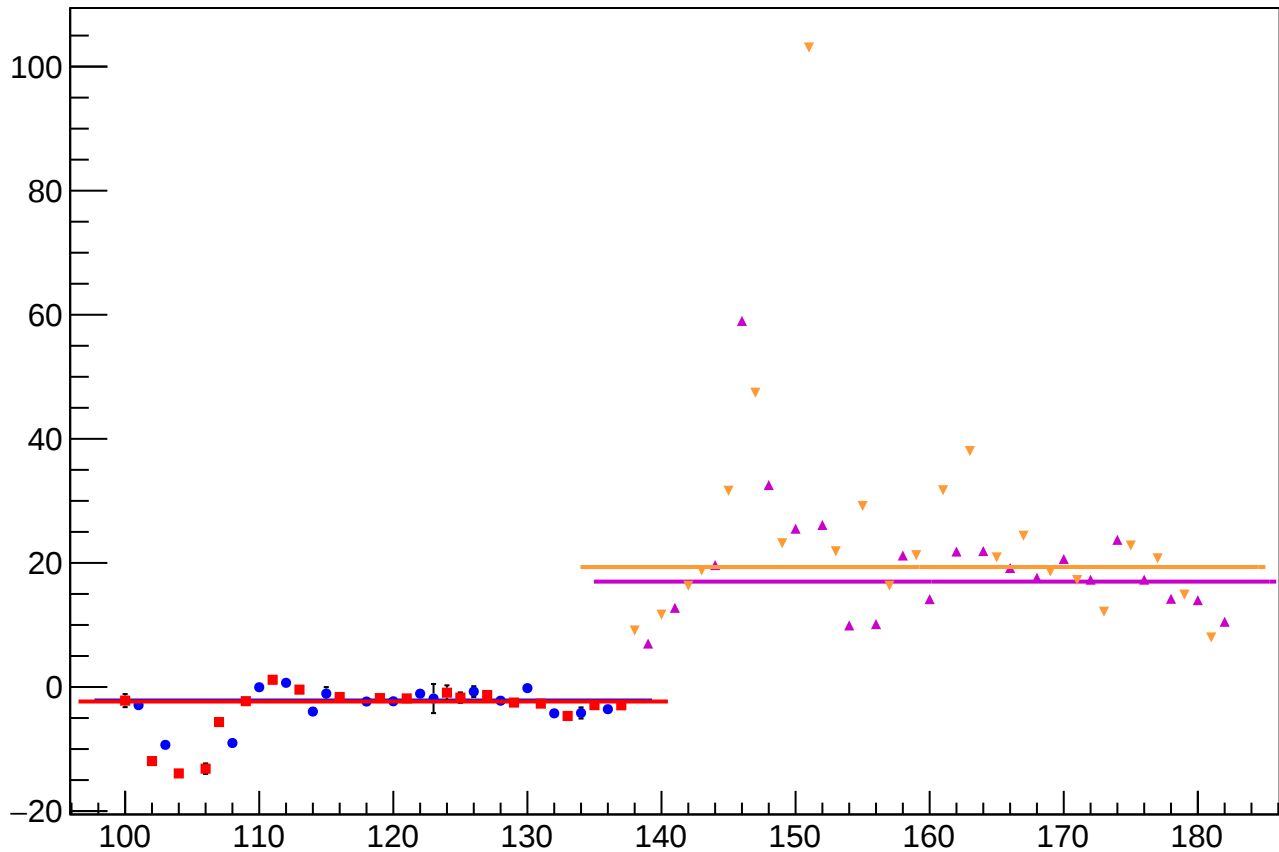
Left In: 0.425 ± 0.032 χ^2/NDF : 6094.1/21

+ sign 0.853 ± 0.030 χ^2/NDF : 7166.6/39

All: 0.698 ± 0.021 χ^2/NDF : 14325.0/80

- sign 0.566 ± 0.028 χ^2/NDF : 7110.1/40

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.181 ± 0.114 χ^2/NDF : 472.4/16

Left Out: 19.338 ± 0.042 χ^2/NDF : 73067.5/22

Right Out: -2.337 ± 0.101 χ^2/NDF : 910.1/18

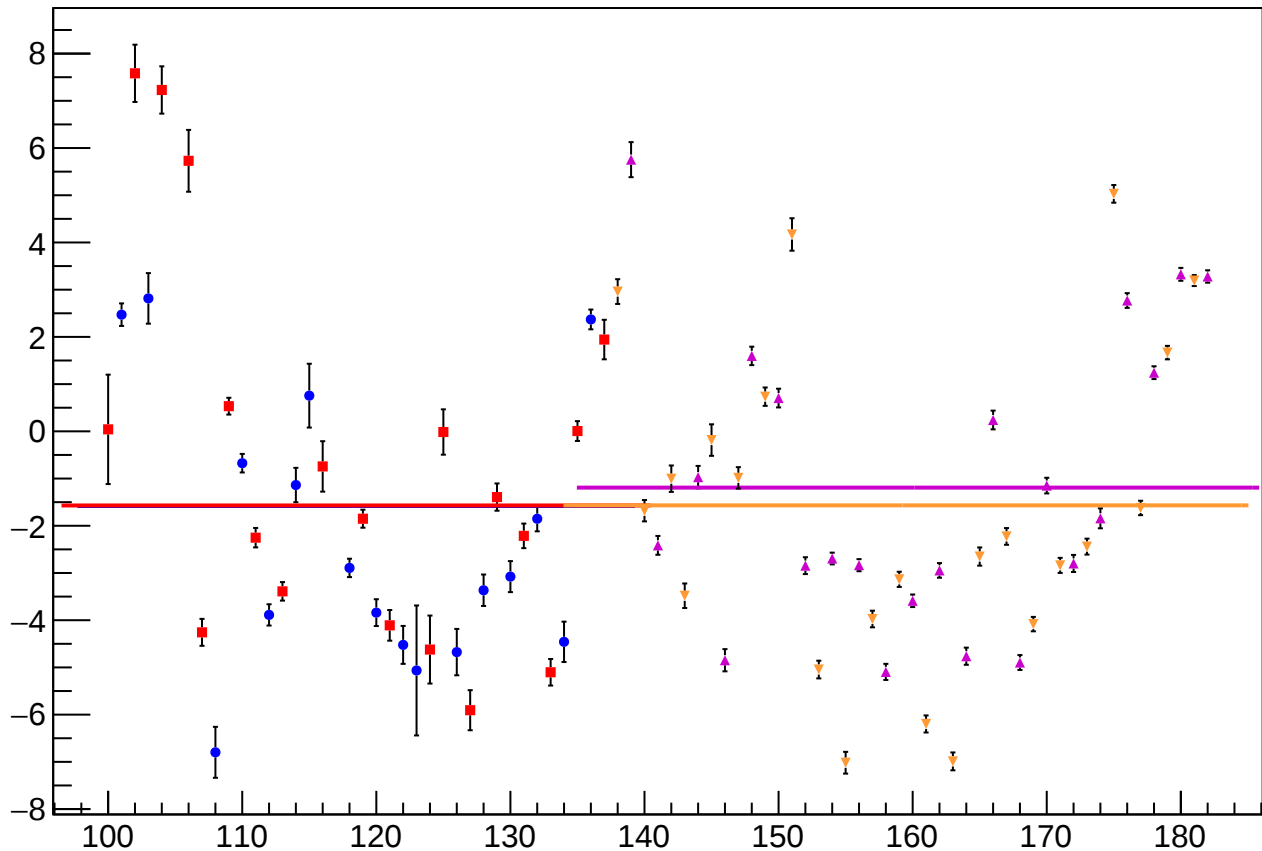
Left In: 16.988 ± 0.039 χ^2/NDF : 39470.2/21

+ sign 16.696 ± 0.040 χ^2/NDF : 105030.1/39

All: 15.483 ± 0.027 χ^2/NDF : 178947.7/80

- sign 14.460 ± 0.037 χ^2/NDF : 72204.0/40

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.581 ± 0.073 χ^2/NDF : 1247.7/16

Left Out: -1.567 ± 0.039 χ^2/NDF : 7293.4/22

Right Out: -1.570 ± 0.067 χ^2/NDF : 1477.5/18

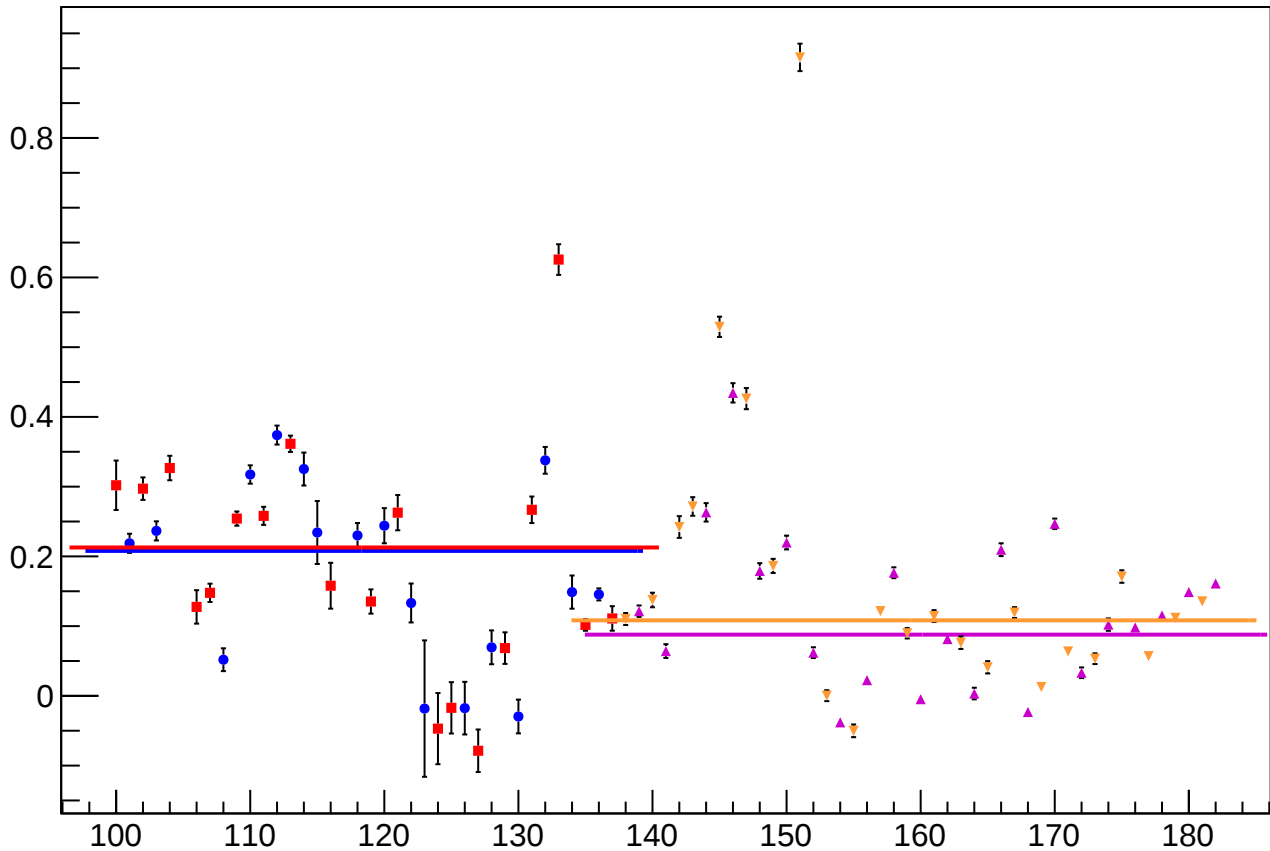
Left In: -1.192 ± 0.035 χ^2/NDF : 6593.1/21

+ sign -1.570 ± 0.034 χ^2/NDF : 8541.2/39

All: -1.410 ± 0.023 χ^2/NDF : 16677.8/80

- sign -1.274 ± 0.031 χ^2/NDF : 8095.6/40

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.208 ± 0.004 χ^2/NDF : 624.0/16

Left Out: 0.108 ± 0.002 χ^2/NDF : 4249.3/22

Right Out: 0.213 ± 0.004 χ^2/NDF : 1097.2/18

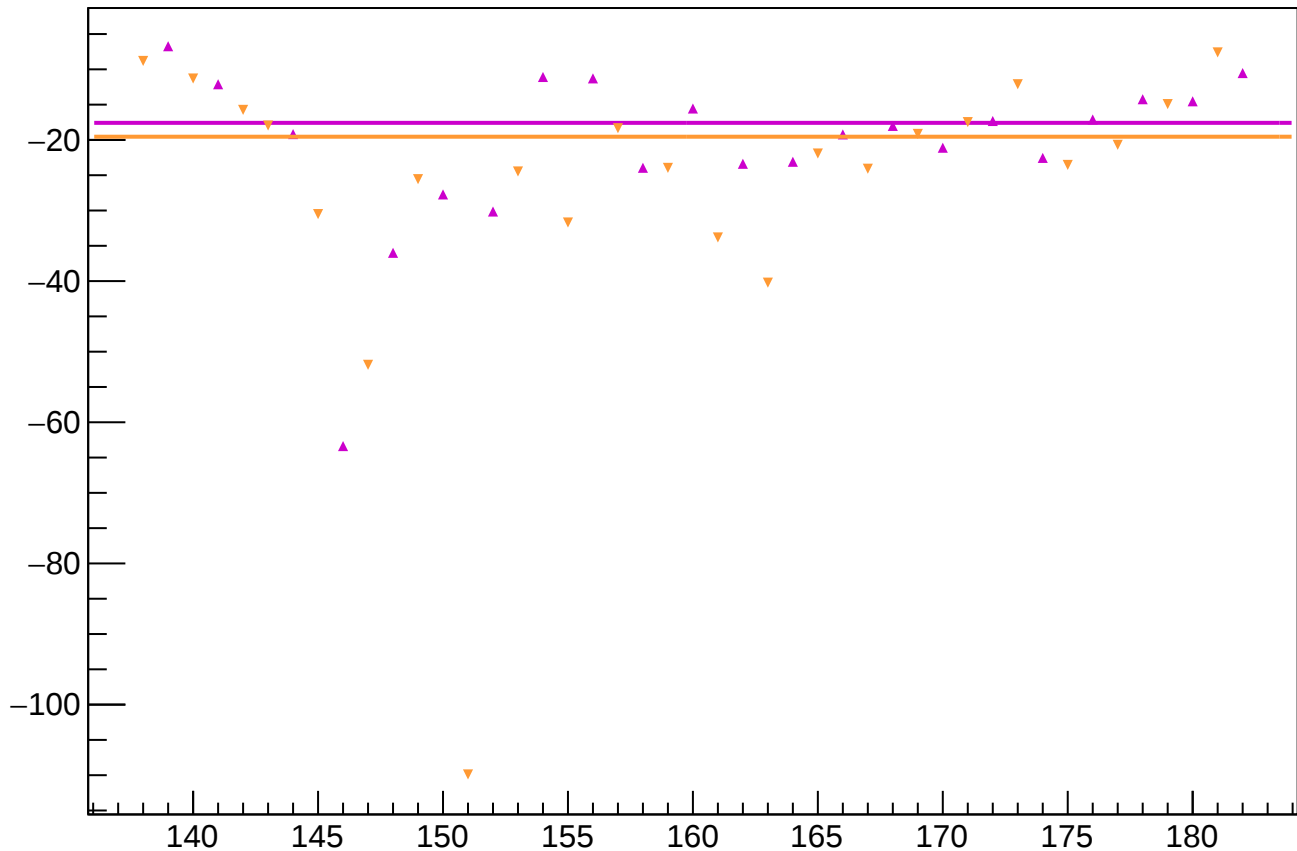
Left In: 0.088 ± 0.002 χ^2/NDF : 3581.1/21

+ sign 0.123 ± 0.002 χ^2/NDF : 5348.4/39

All: 0.113 ± 0.001 χ^2/NDF : 11028.2/80

- sign 0.106 ± 0.001 χ^2/NDF : 5620.6/40

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -19.544 ± 0.043 χ^2/NDF : 81626.7/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

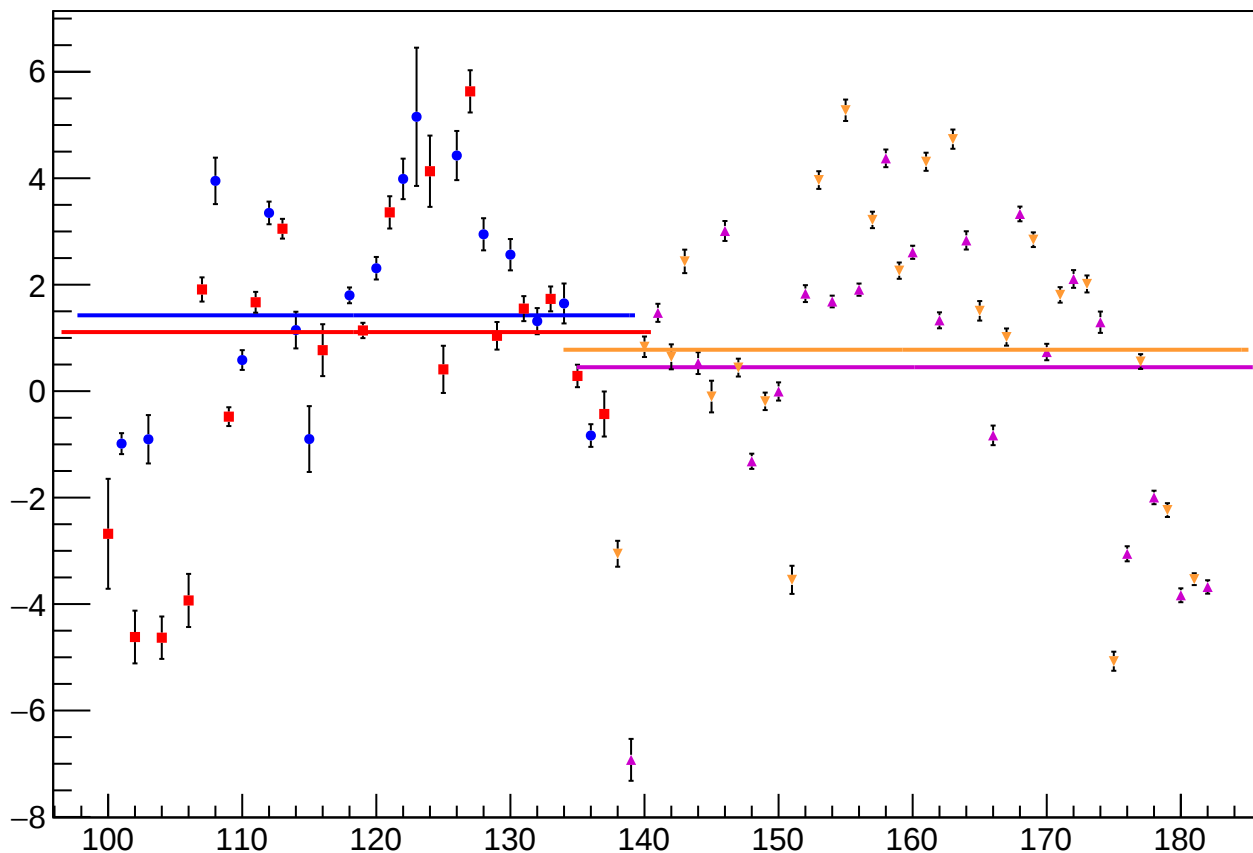
Left In: -17.580 ± 0.040 χ^2/NDF : 42992.6/21

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.494 ± 0.029 χ^2/NDF : 125742.1/44

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.425 $\pm$ 0.064 χ^2/NDF : 599.8/16

Left Out: 0.778 $\pm$ 0.035 χ^2/NDF : 6205.4/22

Right Out: 1.110 $\pm$ 0.060 χ^2/NDF : 915.7/18

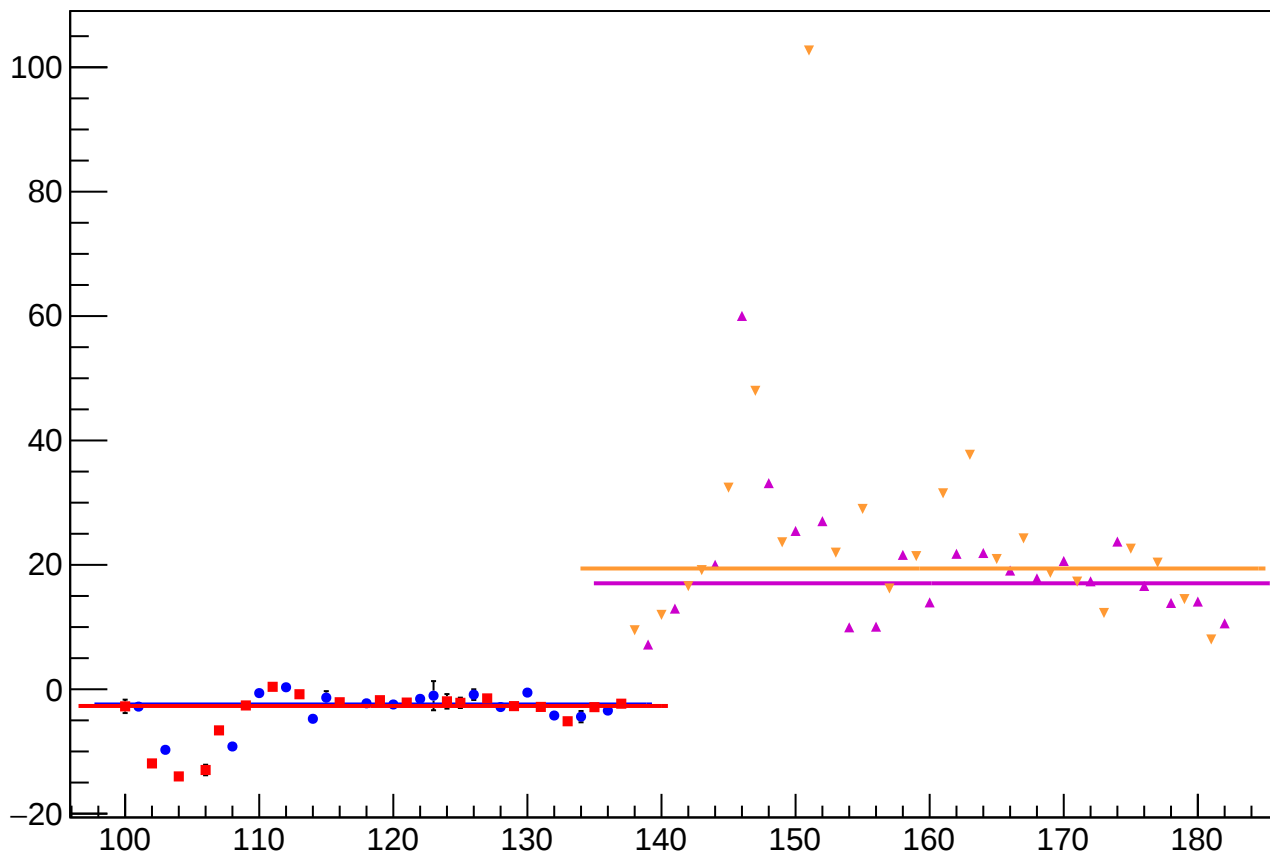
Left In: 0.450 $\pm$ 0.032 χ^2/NDF : 5927.2/21

+ sign 0.927 $\pm$ 0.031 χ^2/NDF : 6884.5/39

All: 0.749 $\pm$ 0.021 χ^2/NDF : 13884.6/80

- sign 0.597 $\pm$ 0.028 χ^2/NDF : 6937.2/40

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.446 ± 0.115 χ^2/NDF : 426.7/16

Left Out: 19.416 ± 0.043 χ^2/NDF : 72048.1/22

Right Out: -2.686 ± 0.103 χ^2/NDF : 831.5/18

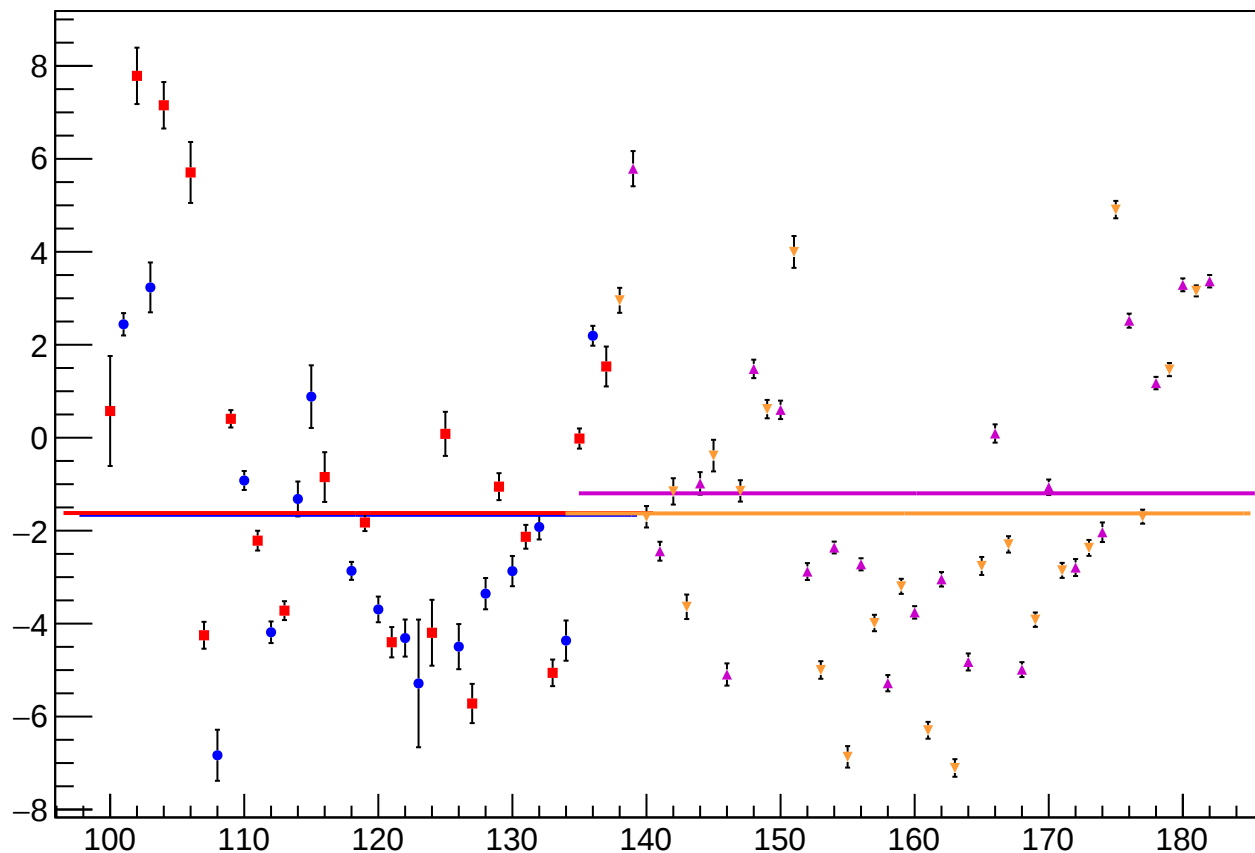
Left In: 17.037 ± 0.040 χ^2/NDF : 39858.7/21

+ sign 16.766 ± 0.040 χ^2/NDF : 104068.1/39

All: 15.547 ± 0.027 χ^2/NDF : 178311.6/80

- sign 14.516 ± 0.037 χ^2/NDF : 72540.1/40

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.659 ± 0.073 $\chi^2/\text{NDF}: 1190.9/16$

Left Out: -1.629 ± 0.039 $\chi^2/\text{NDF}: 7036.0/22$

Right Out: -1.620 ± 0.068 $\chi^2/\text{NDF}: 1448.8/18$

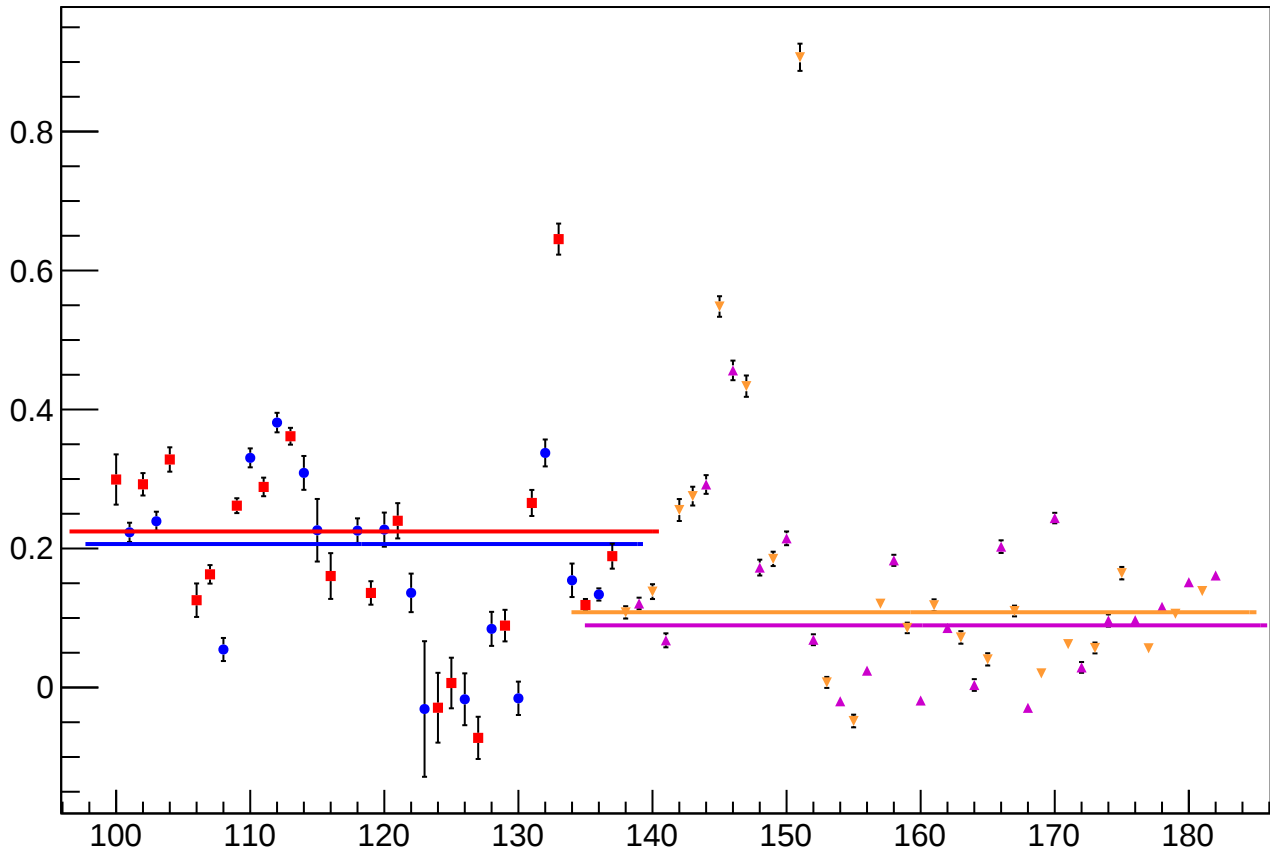
Left In: -1.196 ± 0.036 $\chi^2/\text{NDF}: 6474.7/21$

+ sign -1.635 ± 0.034 $\chi^2/\text{NDF}: 8227.1/39$

All: -1.447 ± 0.023 $\chi^2/\text{NDF}: 16236.6/80$

- sign -1.288 ± 0.032 $\chi^2/\text{NDF}: 7954.0/40$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 625.2/16

Left Out: 0.108 ± 0.002 χ^2/NDF : 4225.5/22

Right Out: 0.225 ± 0.004 χ^2/NDF : 995.0/18

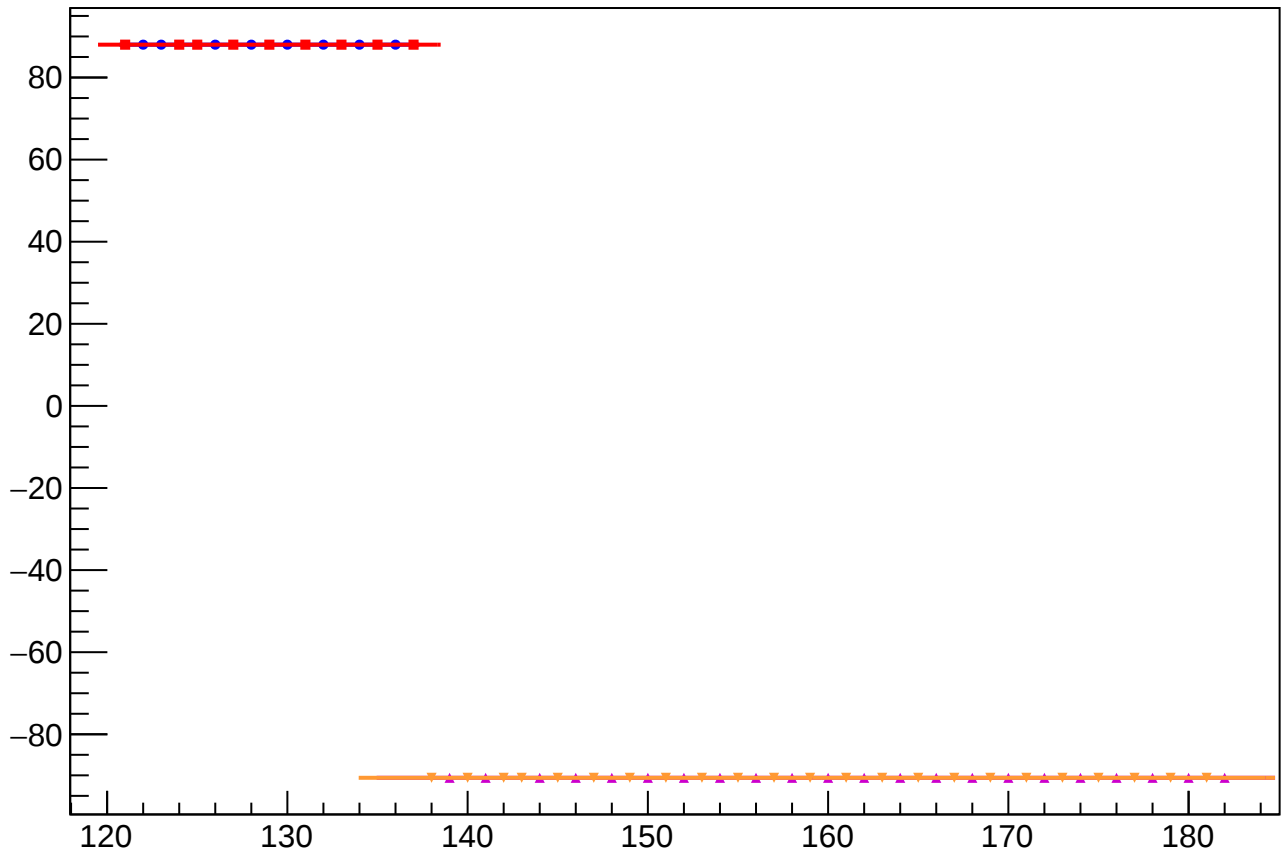
Left In: 0.089 ± 0.002 χ^2/NDF : 3533.2/21

+ sign 0.122 ± 0.002 χ^2/NDF : 5300.7/39

All: 0.115 ± 0.001 χ^2/NDF : 10927.9/80

- sign 0.109 ± 0.001 χ^2/NDF : 5588.9/40

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 922500.3/7

Left Out: -90.599+/-0.000 χ^2/NDF : 7137260.1/22

Right Out: 88.001+/-0.000 χ^2/NDF : 211440.0/8

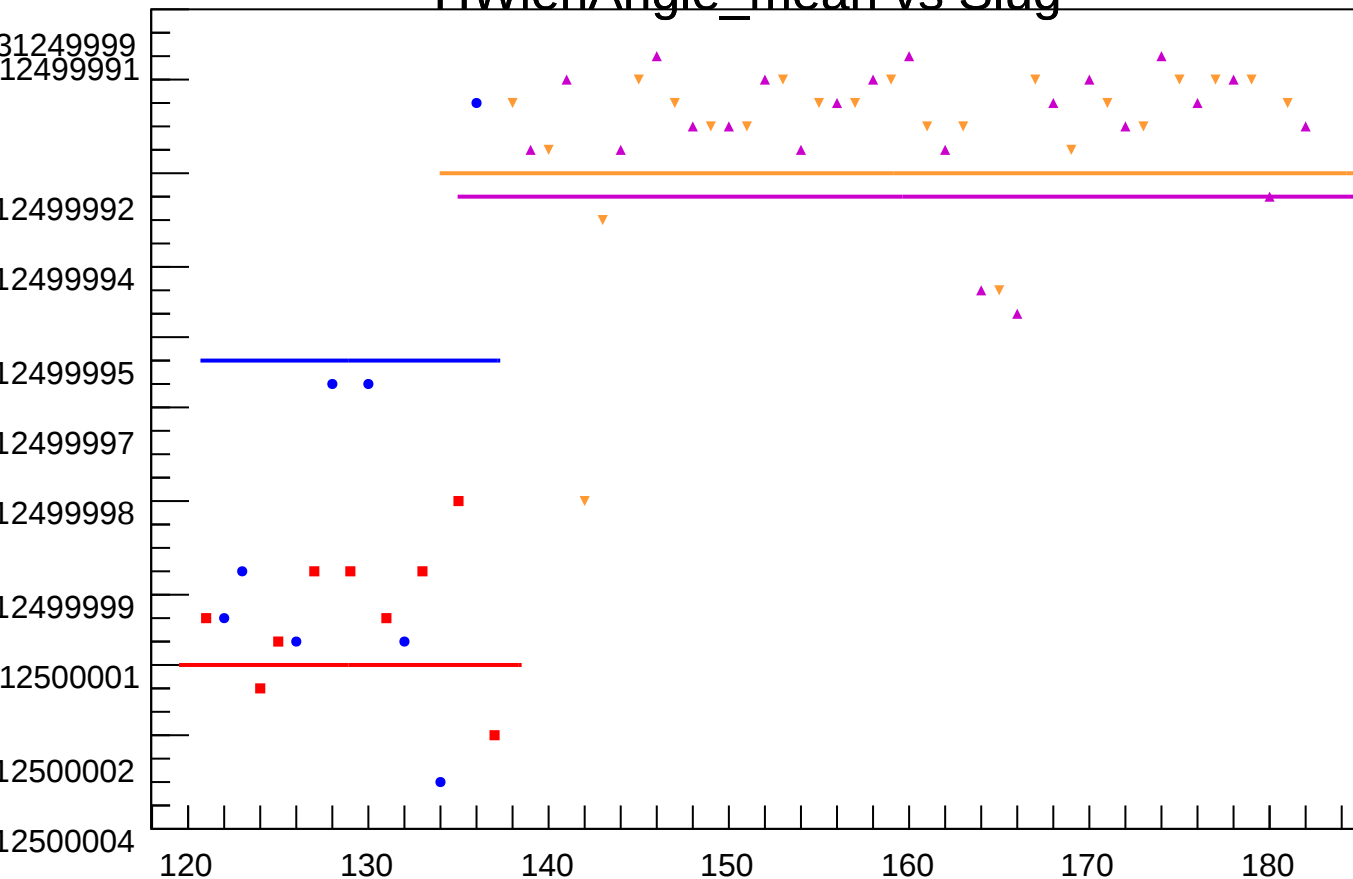
Left In: -90.599+/-0.000 χ^2/NDF : 5223799.0/21

+ sign -62.347+/-0.000 χ^2/NDF : 910284126260381

All: -62.980+/-0.000 χ^2/NDF : 176891257593

- sign -63.626+/-0.000 χ^2/NDF : 8584547982963299

HWienAngle_mean vs Slug



Right In: -29.641 ± 0.000 χ^2/NDF : 433709.4/7

Left Out: -29.641 ± 0.000 χ^2/NDF : 331069.1/22

Right Out: -29.641 ± 0.000 χ^2/NDF : 61505.9/8

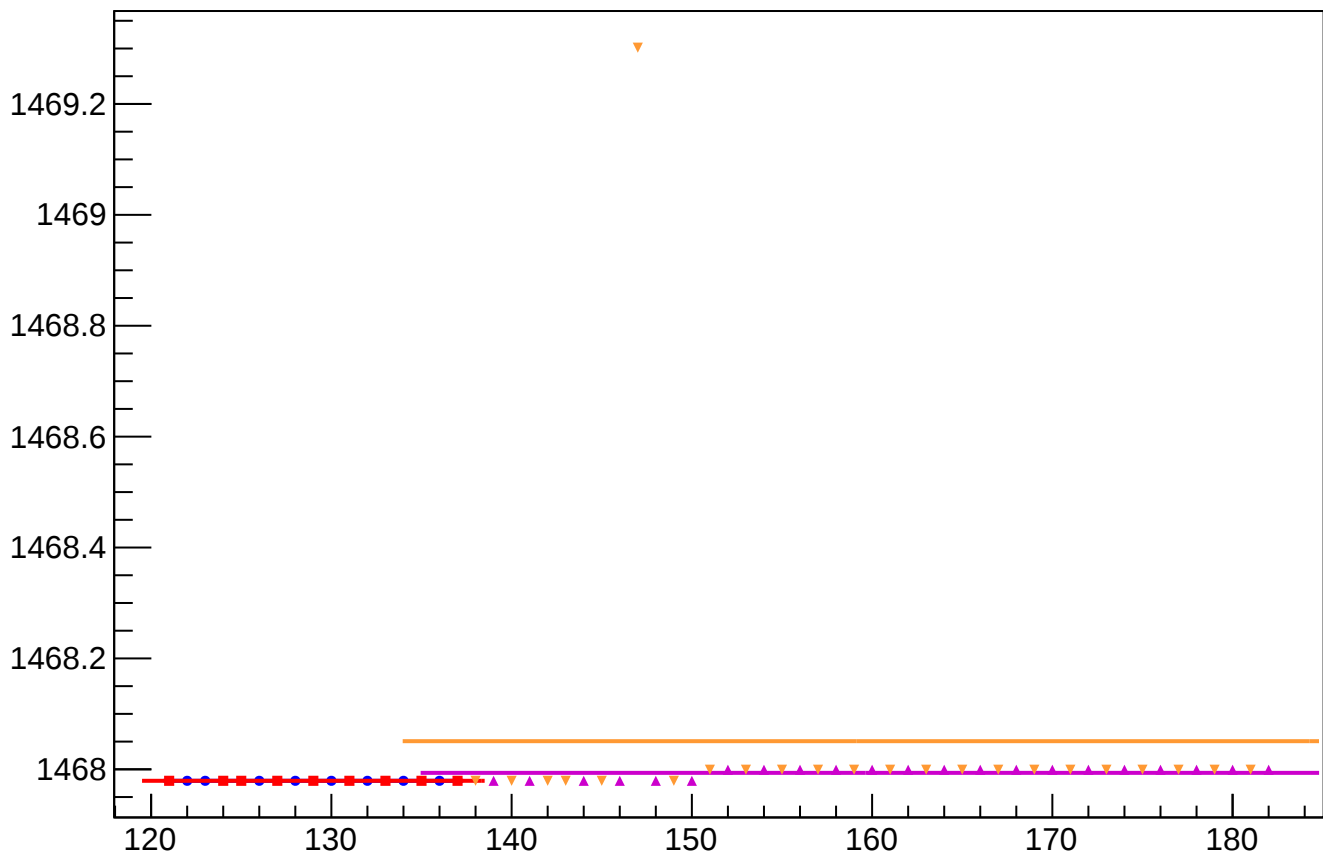
Left In: -29.641 ± 0.000 χ^2/NDF : 379688.2/21

+ sign -29.641 ± 0.000 χ^2/NDF : 1478300.1/30

All: -29.641 ± 0.000 χ^2/NDF : 3853629.7/61

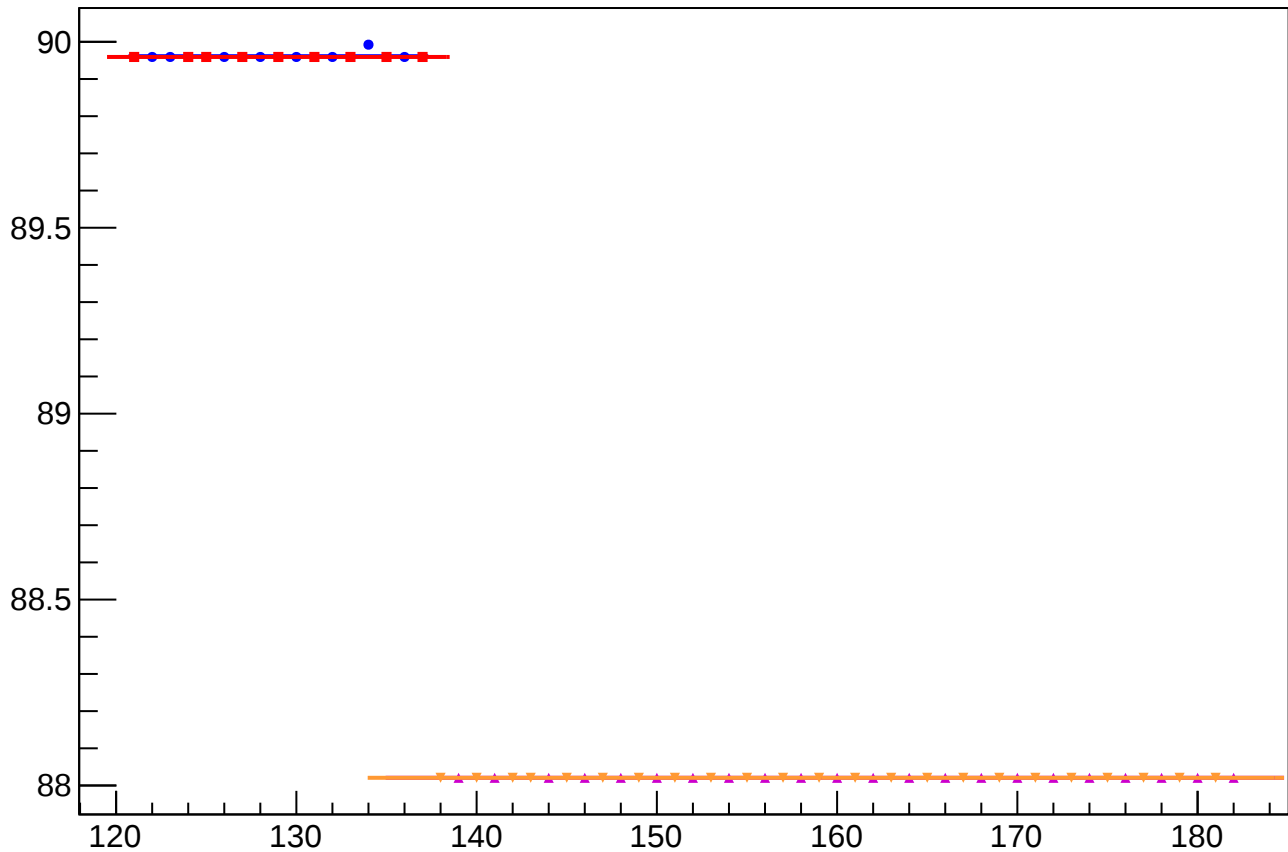
- sign -29.641 ± 0.000 χ^2/NDF : 1559483.3/30

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000 χ^2/NDF : 426876894.9/7
 Left Out: 1468.051+/-0.000 χ^2/NDF : 127670220737843143927096745656320.0/22
 Right Out: 1467.979+/-0.000 χ^2/NDF : 100967733.5/8
 Left In: 1467.994+/-0.000 χ^2/NDF : 144928395026360817695869370368.0/21
 + sign 1468.039+/-0.000 χ^2/NDF : 12912701910984
 All: 1468.016+/-0.000 χ^2/NDF : 13176903725
 - sign 1467.991+/-0.000 χ^2/NDF : 20012348731022

Phi_FG_mean vs Slug



Right In: 89.961 $\pm$ 0.000 χ^2/NDF : 21516176742595877338351665152.0/7

Left Out: 88.021 $\pm$ 0.000 χ^2/NDF : 7226925.1/22

Right Out: 89.959 $\pm$ 0.000 χ^2/NDF : 437824.1/8

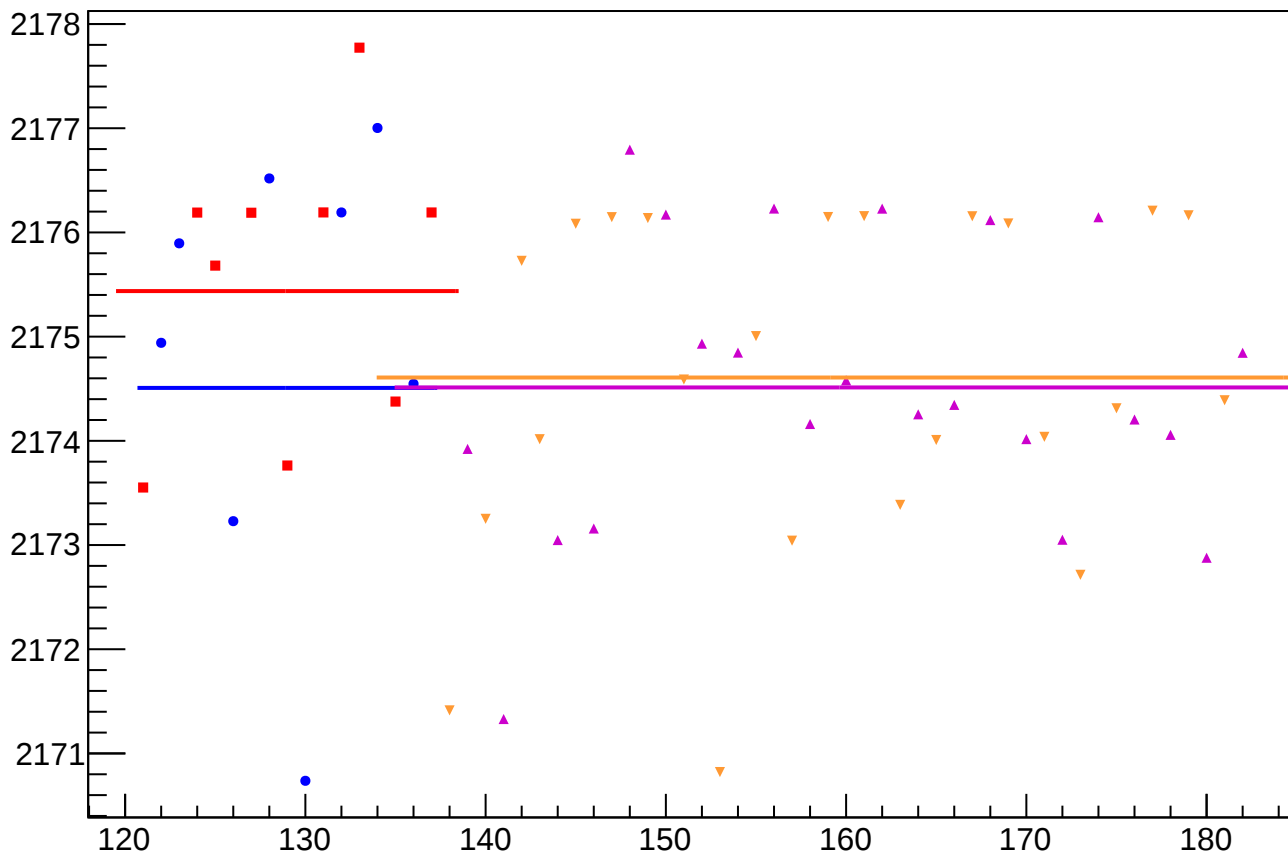
Left In: 88.021 $\pm$ 0.000 χ^2/NDF : 5609722.4/21

+ sign 88.328 $\pm$ 0.000 χ^2/NDF : 1074764162038086

All: 88.321 $\pm$ 0.000 χ^2/NDF : 2086390493669

- sign 88.313 $\pm$ 0.000 χ^2/NDF : 1011412087952679

HALLA_p_mean vs Slug



Right In: 2174.508 $\pm$ 0.000 χ^2 /NDF: 1288672467722248839202216695824384.0/7

Left Out: 2174.608 $\pm$ 0.000 χ^2 /NDF: 4649369614457483361176452704763904.0/22

Right Out: 2175.437 $\pm$ 0.000 χ^2 /NDF: 609897805551545828750017702133760.0/8

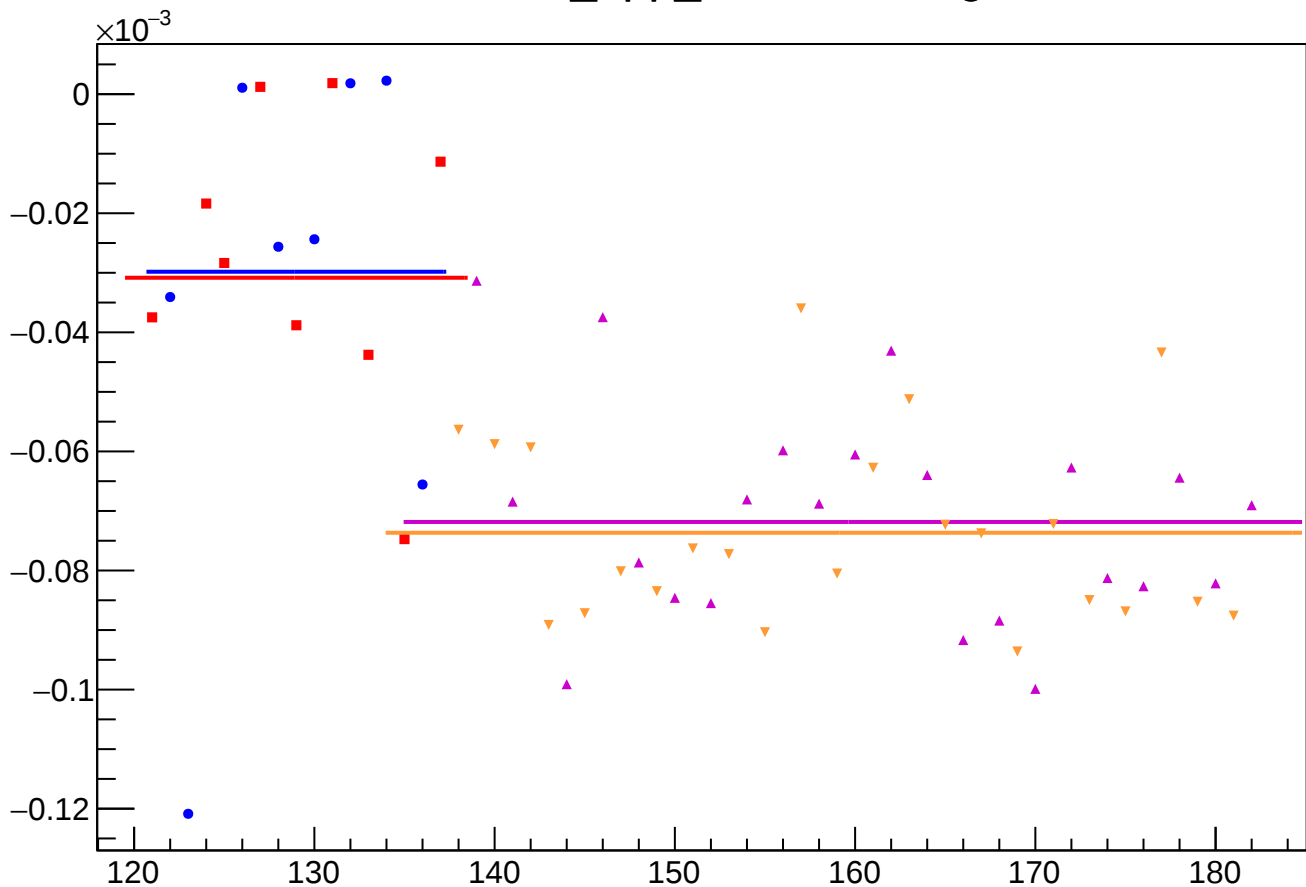
Left In: 2174.512 $\pm$ 0.000 χ^2 /NDF: 3321915062850093614819038843633664.0/21

+ sign 2174.592 $\pm$ 0.000 χ^2 /NDF: 59408824275041

All: 2174.622 $\pm$ 0.000 χ^2 /NDF: 10106702767

- sign 2174.652 $\pm$ 0.000 χ^2 /NDF: 41619934939338

HALLA_dpp_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 248631969637472403456000.0/7

Left Out: -0.000 ± 0.000 χ^2/NDF : 444687100538260662779904.0/22

Right Out: -0.000 ± 0.000 χ^2/NDF : 195498158247260480077824.0/8

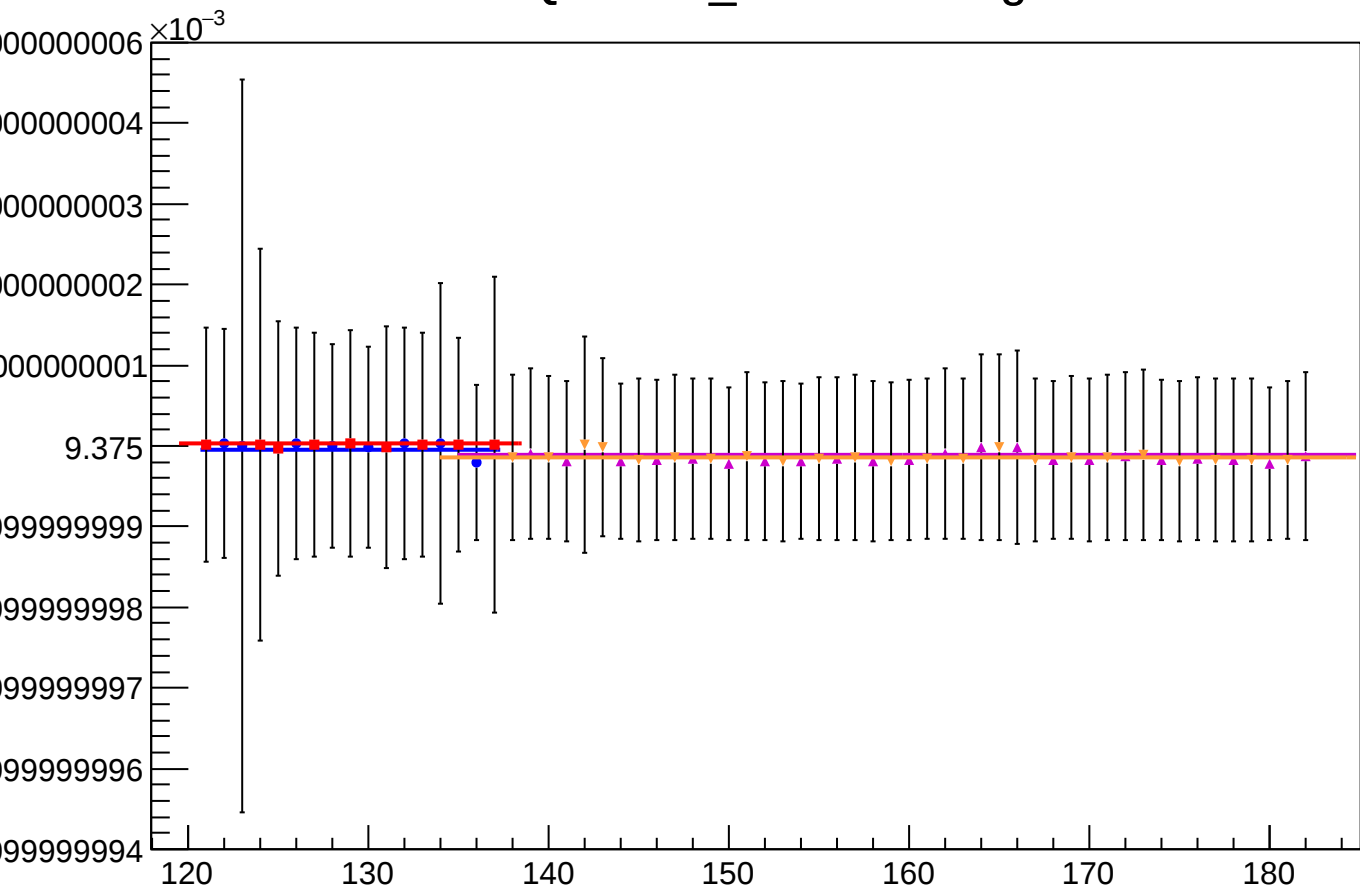
Left In: -0.000 ± 0.000 χ^2/NDF : 559100581311803738292224.0/21

+ sign -0.000 ± 0.000 χ^2/NDF : 1241684726510734

All: -0.000 ± 0.000 χ^2/NDF : 2450247492011

- sign -0.000 ± 0.000 χ^2/NDF : 1207344667331770

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:0.1/22

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

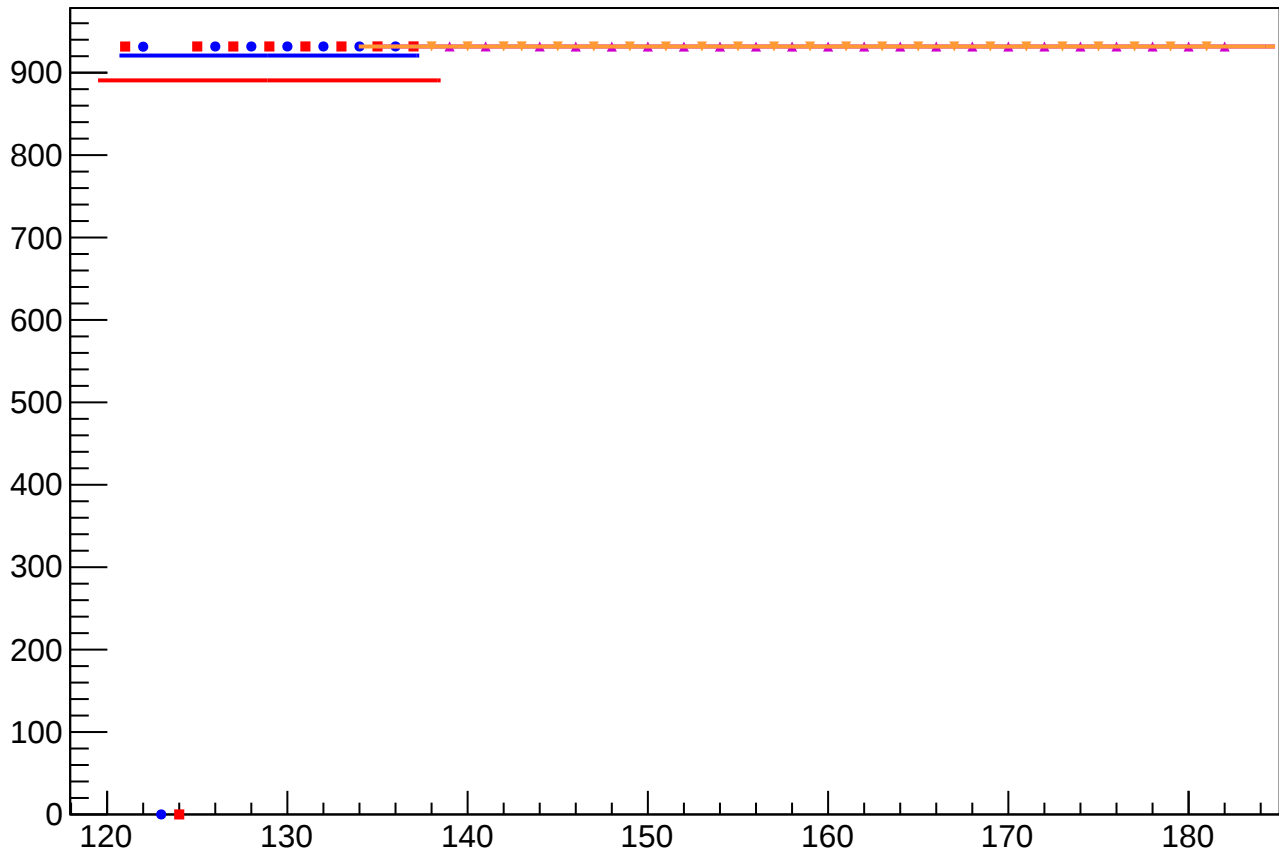
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/21

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/30

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/61

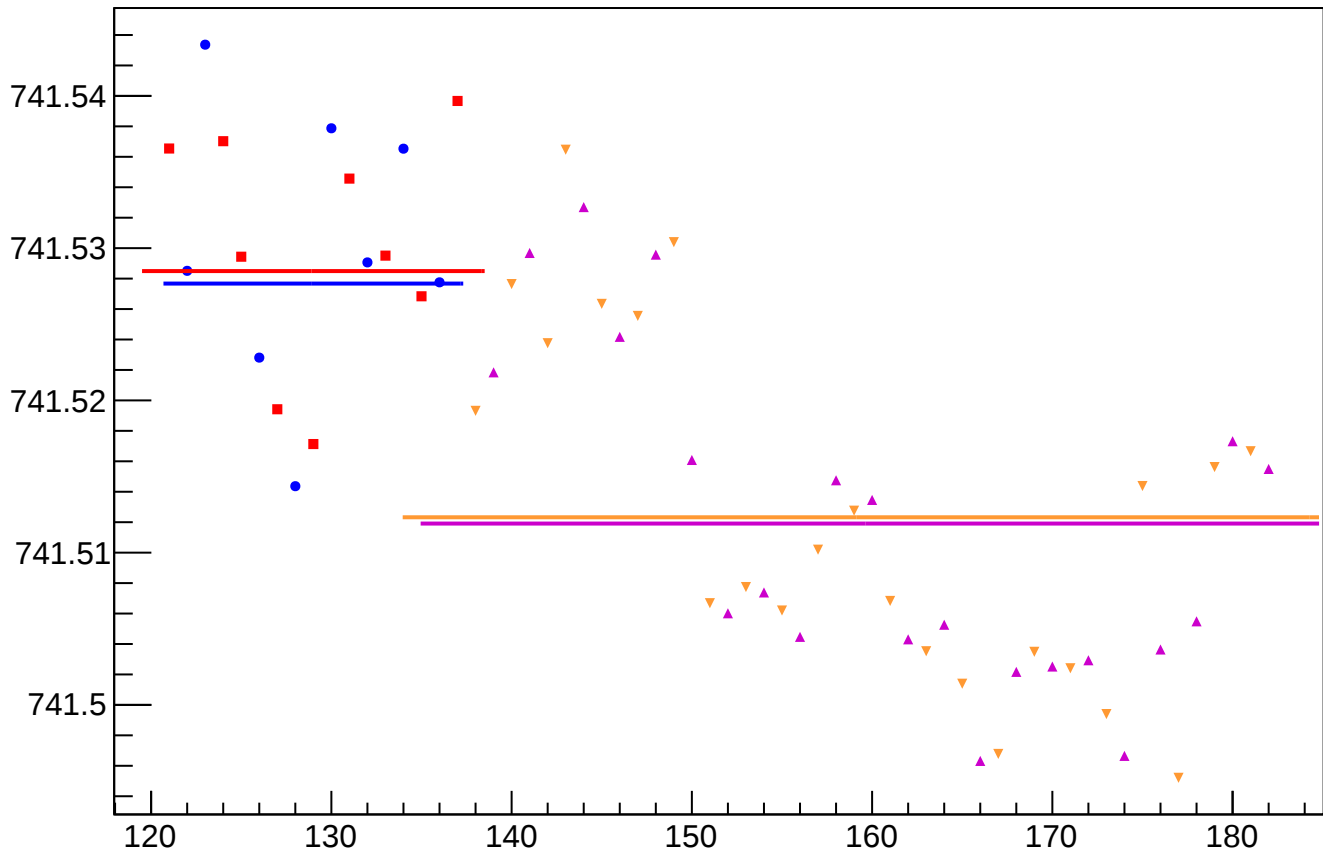
- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/30

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.801 +/- 0.000 χ^2/NDF : 3431767977579138653856652958525030400.0/7
 Left Out: 931.785 +/- 0.000 χ^2/NDF : 3896527886356117945993347989504.0/22
 Right Out: 890.665 +/- 0.000 χ^2/NDF : 11618305184314211867640193192732655616.0/8
 Left In: 931.778 +/- 0.000 χ^2/NDF : 355065965545080952597568815104.0/21

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18410222451199973732634329088.0/7

Left Out: 741.512 $\pm$ 0.000 χ^2 /NDF: 222017077980596871151436693504.0/22

Right Out: 741.528 $\pm$ 0.000 χ^2 /NDF: 16449370370749481853797793792.0/8

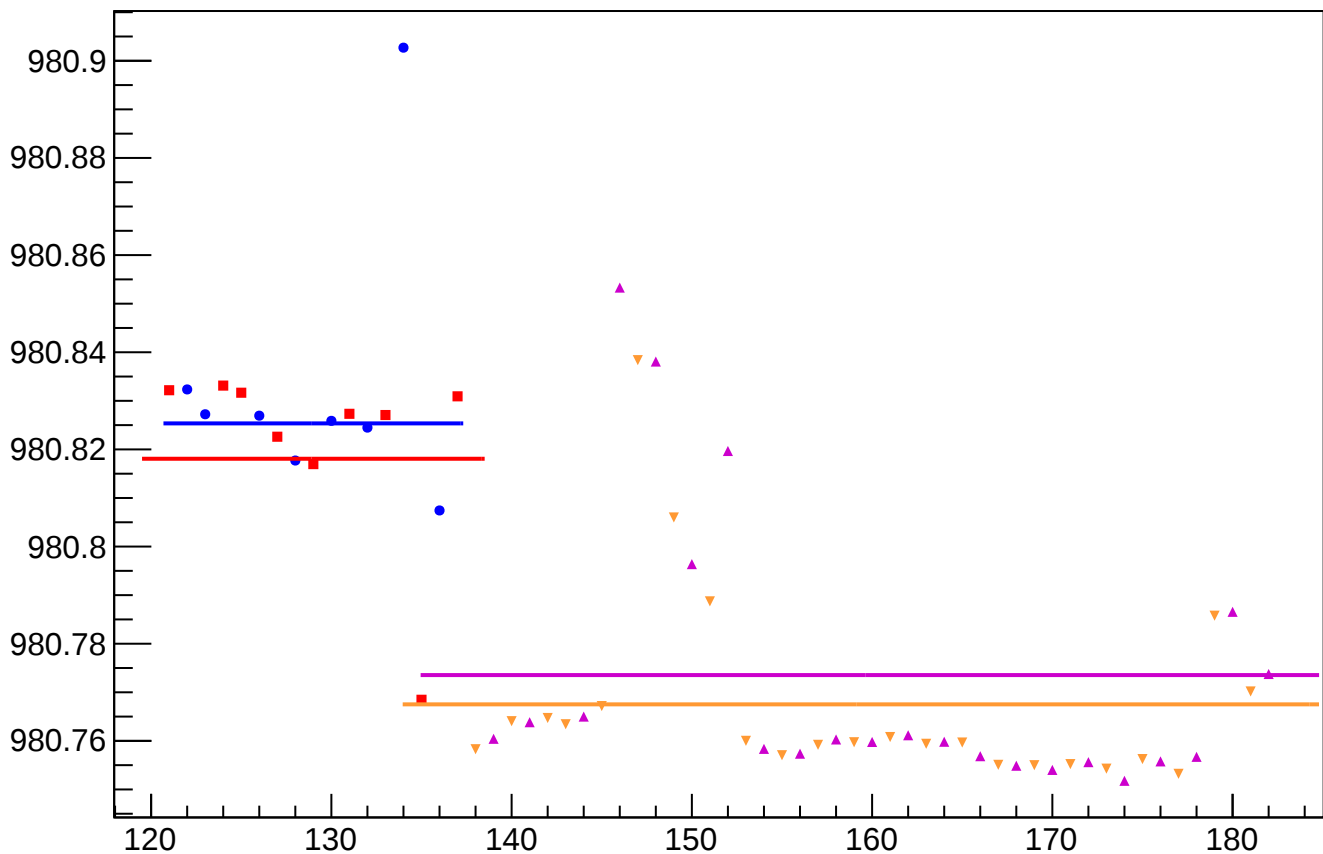
Left In: 741.512 $\pm$ 0.000 χ^2 /NDF: 197522272784410263153113300992.0/21

+ sign 741.515 $\pm$ 0.000 χ^2 /NDF: 307675582085680

All: 741.515 $\pm$ 0.000 χ^2 /NDF: 595782928080

- sign 741.514 $\pm$ 0.000 χ^2 /NDF: 287987599640398

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825+/-0.000

χ^2/NDF : 159096869175585744562040078336.0/7

Left Out: 980.768+/-0.000

χ^2/NDF : 702635321802101827553841905664.0/22

Right Out: 980.818+/-0.000

χ^2/NDF : 143449983287257544108372131840.0/8

Left In: 980.774+/-0.000

χ^2/NDF : 1438074427204755756999126286336.0/21

+ sign 980.777+/-0.000

χ^2/NDF : 181639209934202

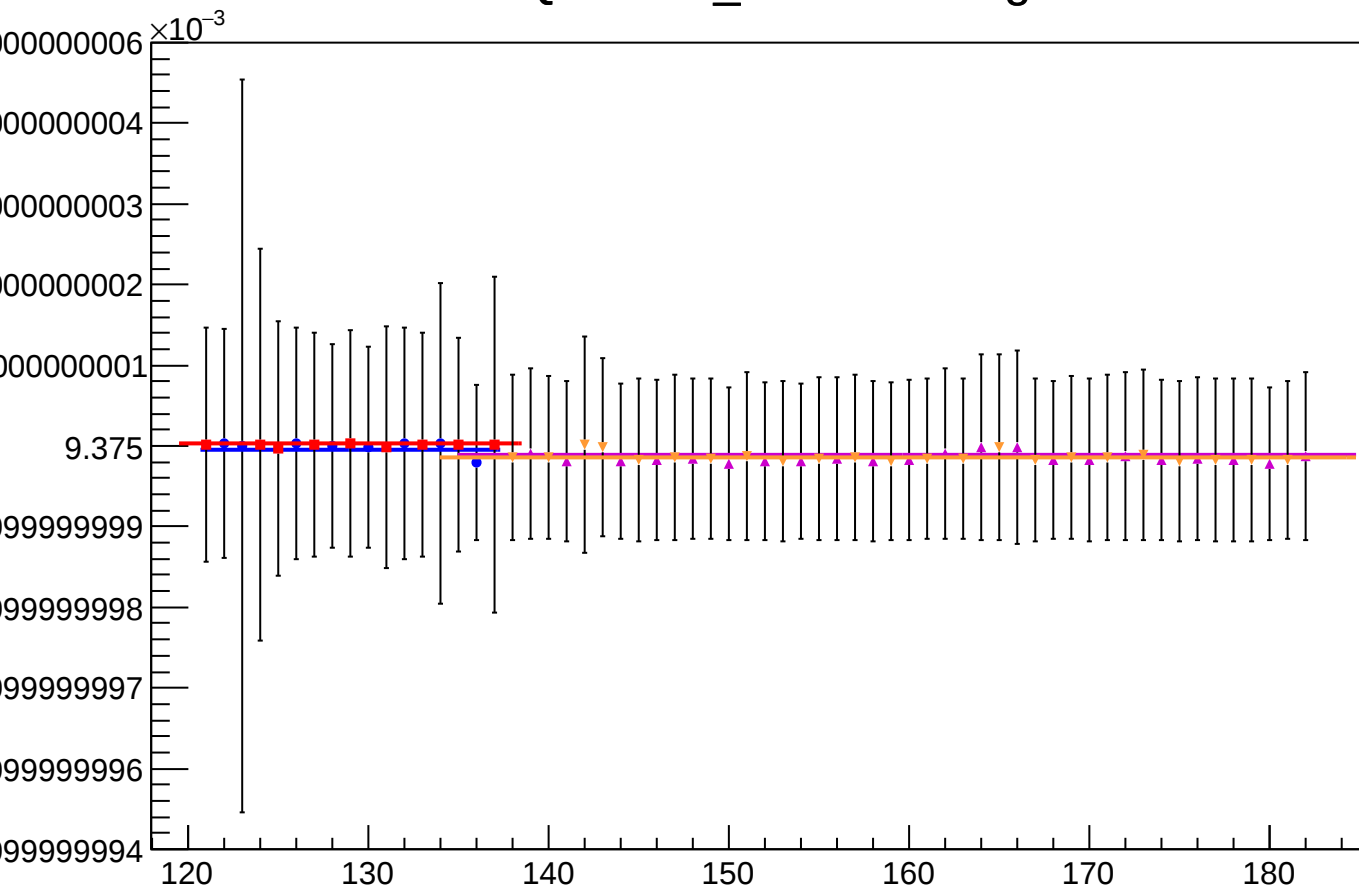
All: 980.778+/-0.000

χ^2/NDF : 394538923573

- sign 980.780+/-0.000

χ^2/NDF : 211523062741850

MQ172RM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.009+/-0.000 χ^2/NDF : 0.1/22

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/8

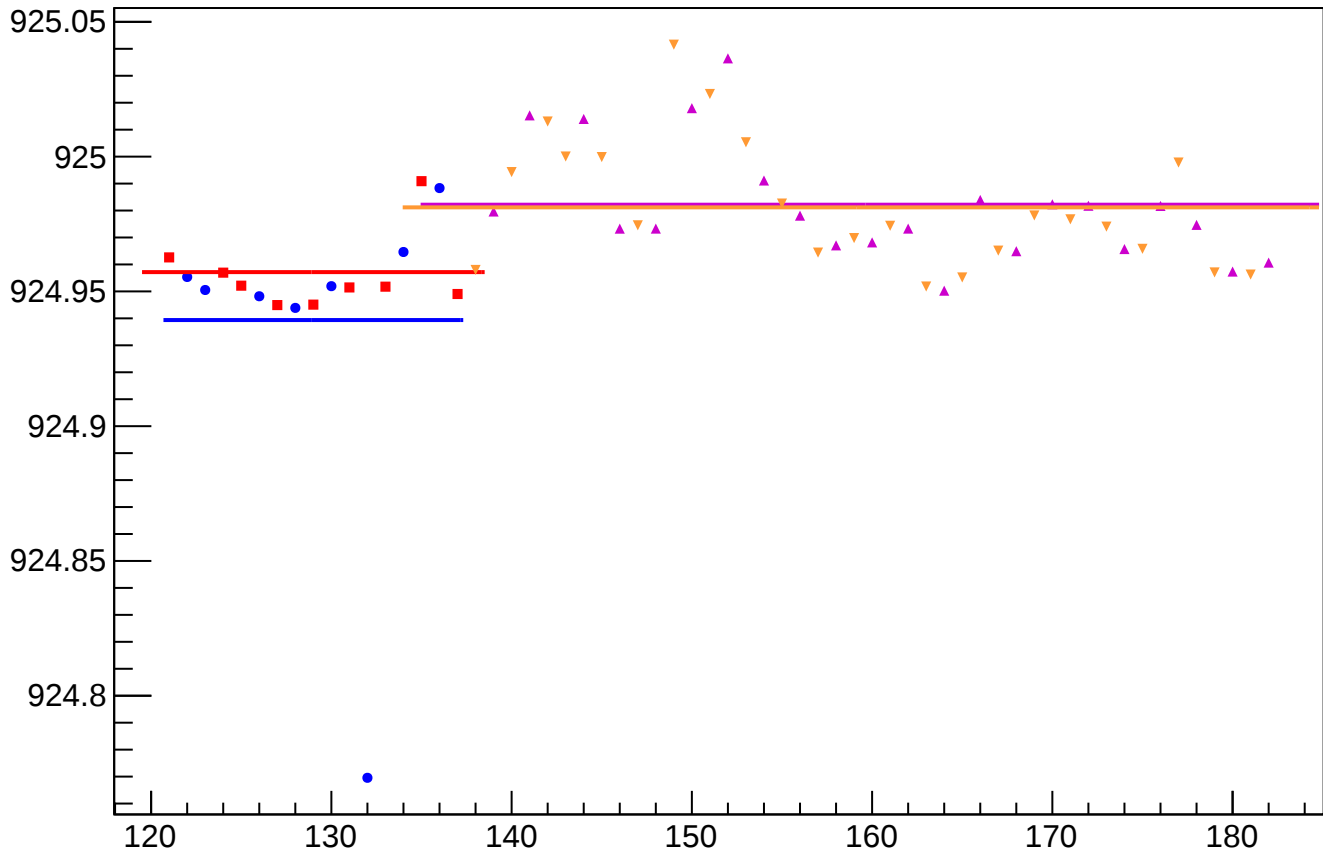
Left In: 0.009+/-0.000 χ^2/NDF : 0.1/21

+ sign 0.009+/-0.000 χ^2/NDF : 0.2/30

All: 0.009+/-0.000 χ^2/NDF : 0.3/61

- sign 0.009+/-0.000 χ^2/NDF : 0.1/30

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939 $\pm$ 0.000 χ^2 /NDF: 1401388477255469733232112566272.0/7

Left Out: 924.981 $\pm$ 0.000 χ^2 /NDF: 972138320077189983818334863360.0/22

Right Out: 924.957 $\pm$ 0.000 χ^2 /NDF: 71753961121998015100639772672.0/8

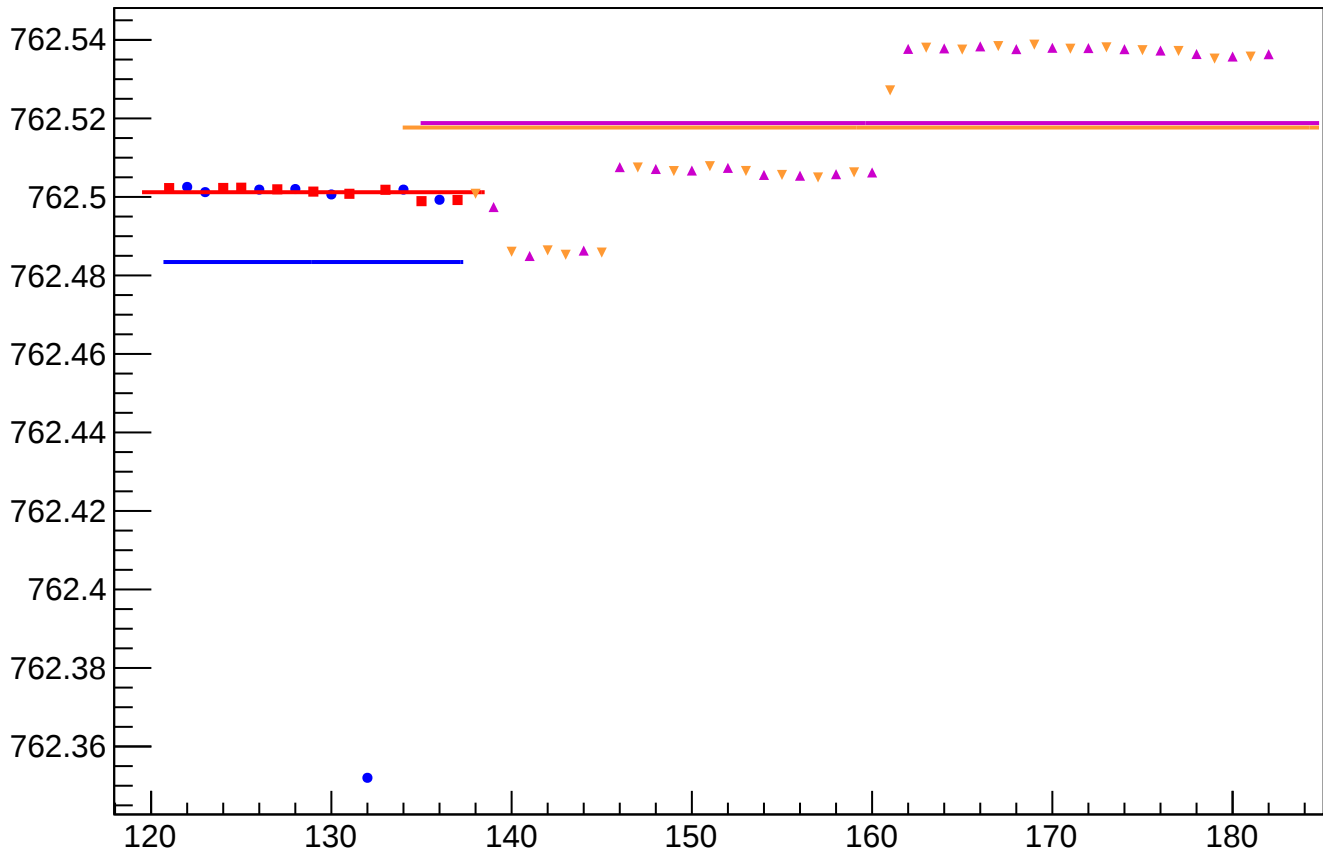
Left In: 924.982 $\pm$ 0.000 χ^2 /NDF: 828759062858597635621172281344.0/21

+ sign 924.975 $\pm$ 0.000 χ^2 /NDF: 287223048997128

All: 924.976 $\pm$ 0.000 χ^2 /NDF: 39565407090

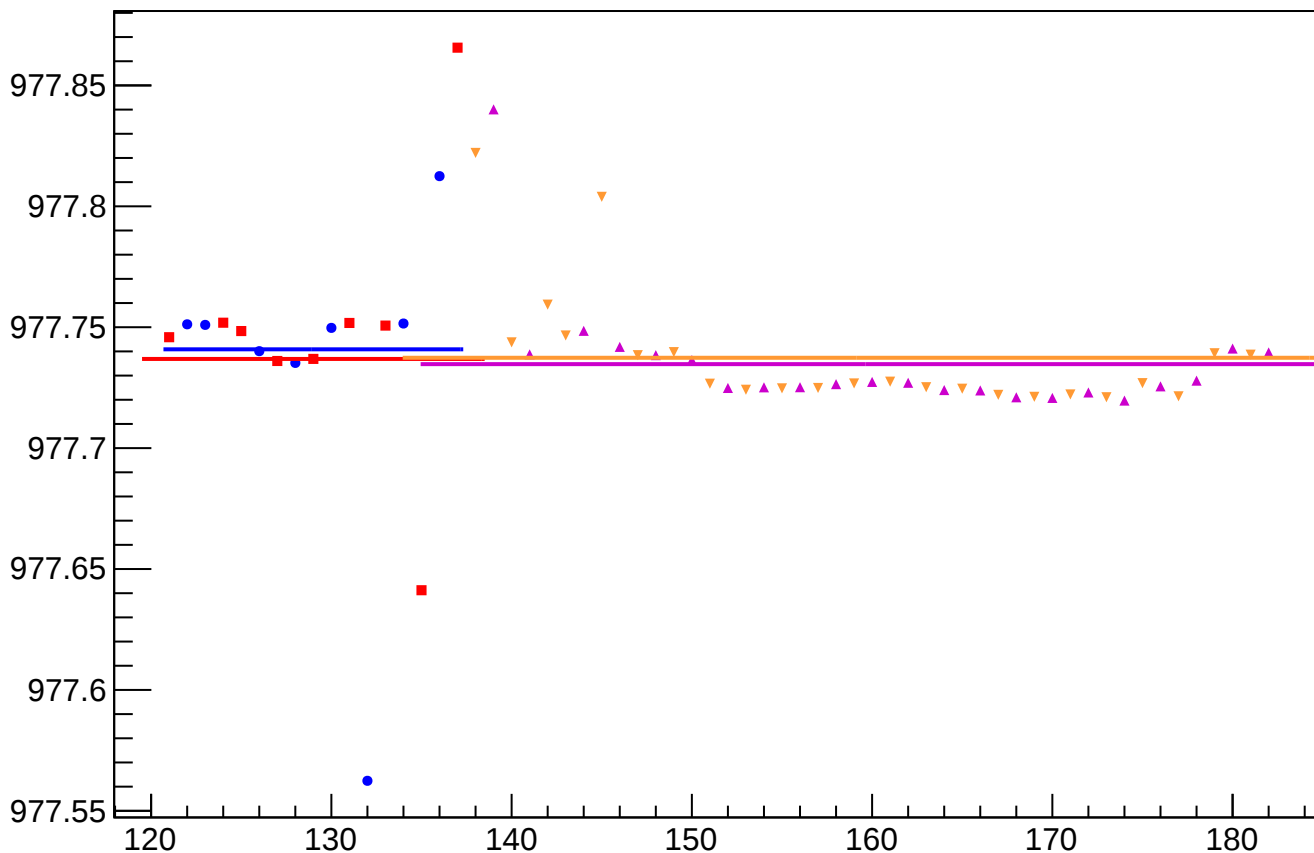
- sign 924.978 $\pm$ 0.000 χ^2 /NDF: 106880052458703

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.483 ± 0.000 χ^2/NDF : 783456713793632421311688998912.0/7
 Left Out: 762.518 ± 0.000 χ^2/NDF : 692173172739850675899787640832.0/22
 Right Out: 762.501 ± 0.000 χ^2/NDF : 468364983766916667715616768.0/8
 Left In: 762.519 ± 0.000 χ^2/NDF : 621006392422015159570760990720.0/21

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.741 $\pm$ 0.000 χ^2 /NDF: 1738037233029946574744730992640.0/7

Left Out: 977.737 $\pm$ 0.000 χ^2 /NDF: 1148908166747194577827334717440.0/22

Right Out: 977.737 $\pm$ 0.000 χ^2 /NDF: 771953144544759396277170470912.0/8

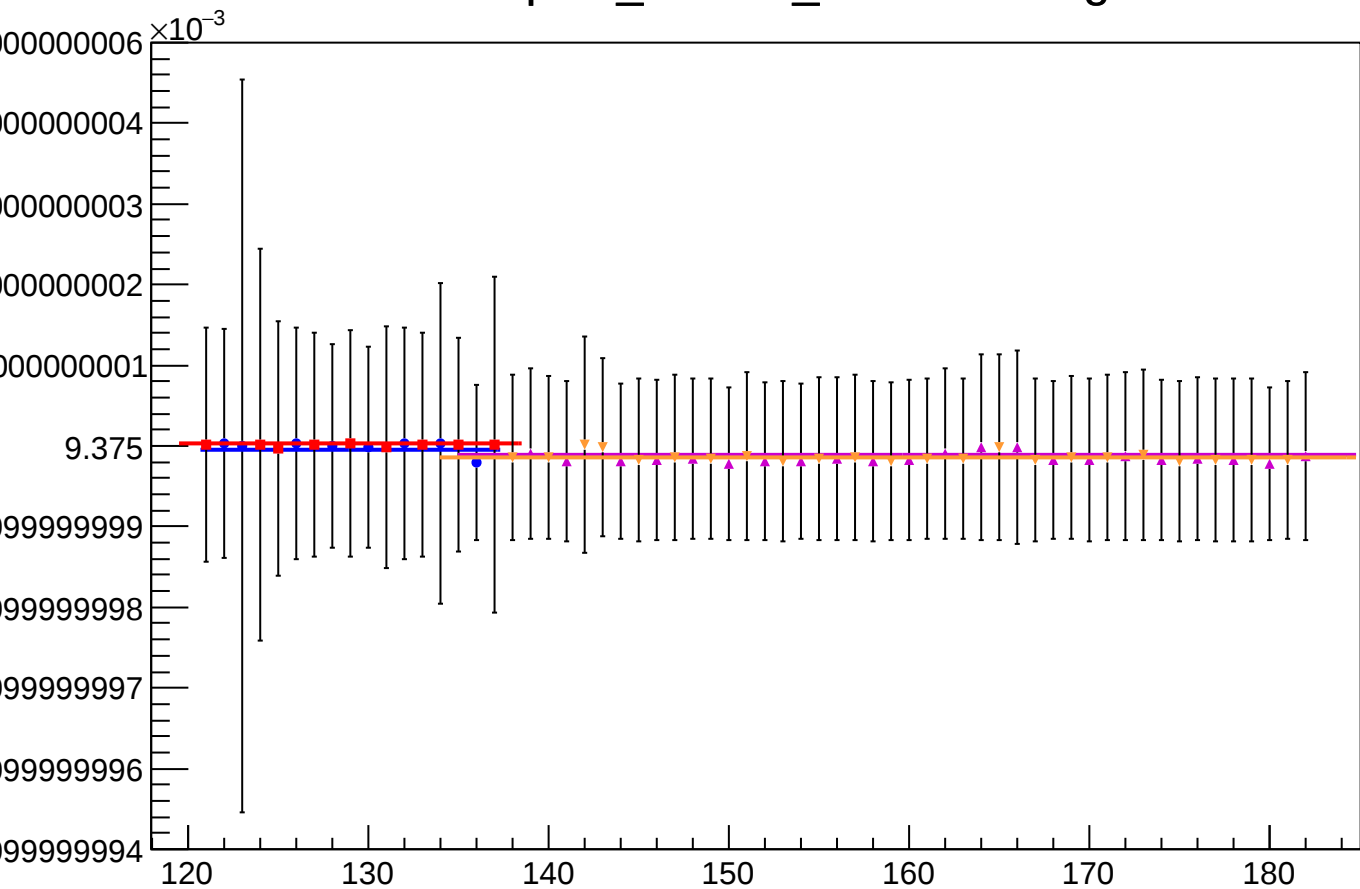
Left In: 977.735 $\pm$ 0.000 χ^2 /NDF: 975612892317024195893811740672.0/21

+ sign 977.738 $\pm$ 0.000 χ^2 /NDF: 289042817956190

All: 977.737 $\pm$ 0.000 χ^2 /NDF: 46479295193

- sign 977.735 $\pm$ 0.000 χ^2 /NDF: 174880724907160

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 : 0.1/22

Right Out: 0.009 ± 0.000 χ^2/NDF : 0.0/8

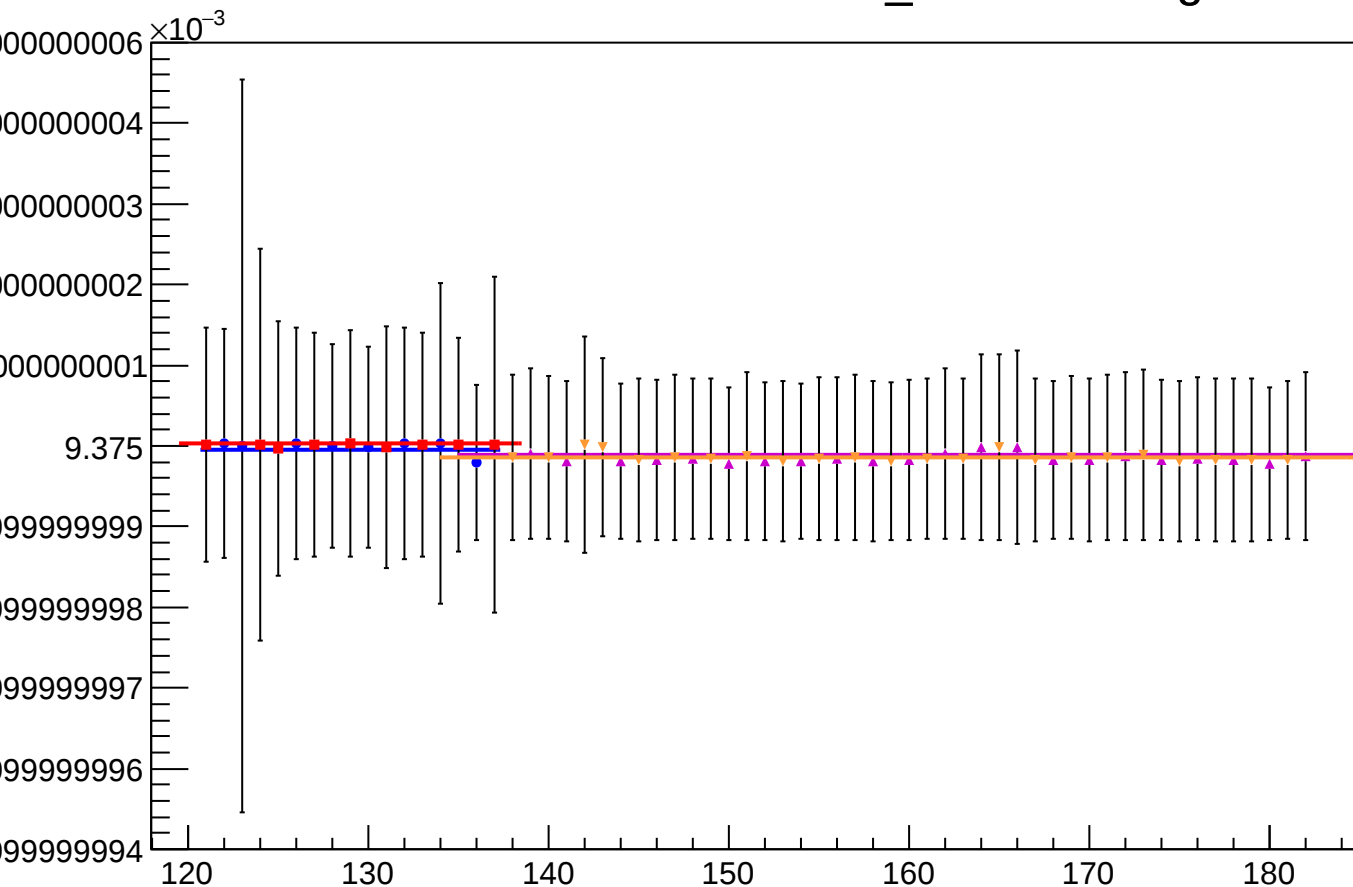
Left In: 0.009 ± 0.000 χ^2/NDF : 0.1/21

+ sign 0.009 ± 0.000 χ^2/NDF : 0.2/30

All: 0.009 ± 0.000 χ^2/NDF : 0.3/61

- sign 0.009 ± 0.000 χ^2/NDF : 0.1/30

MSUPERBIGBITereadcalc_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:0.1/22

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

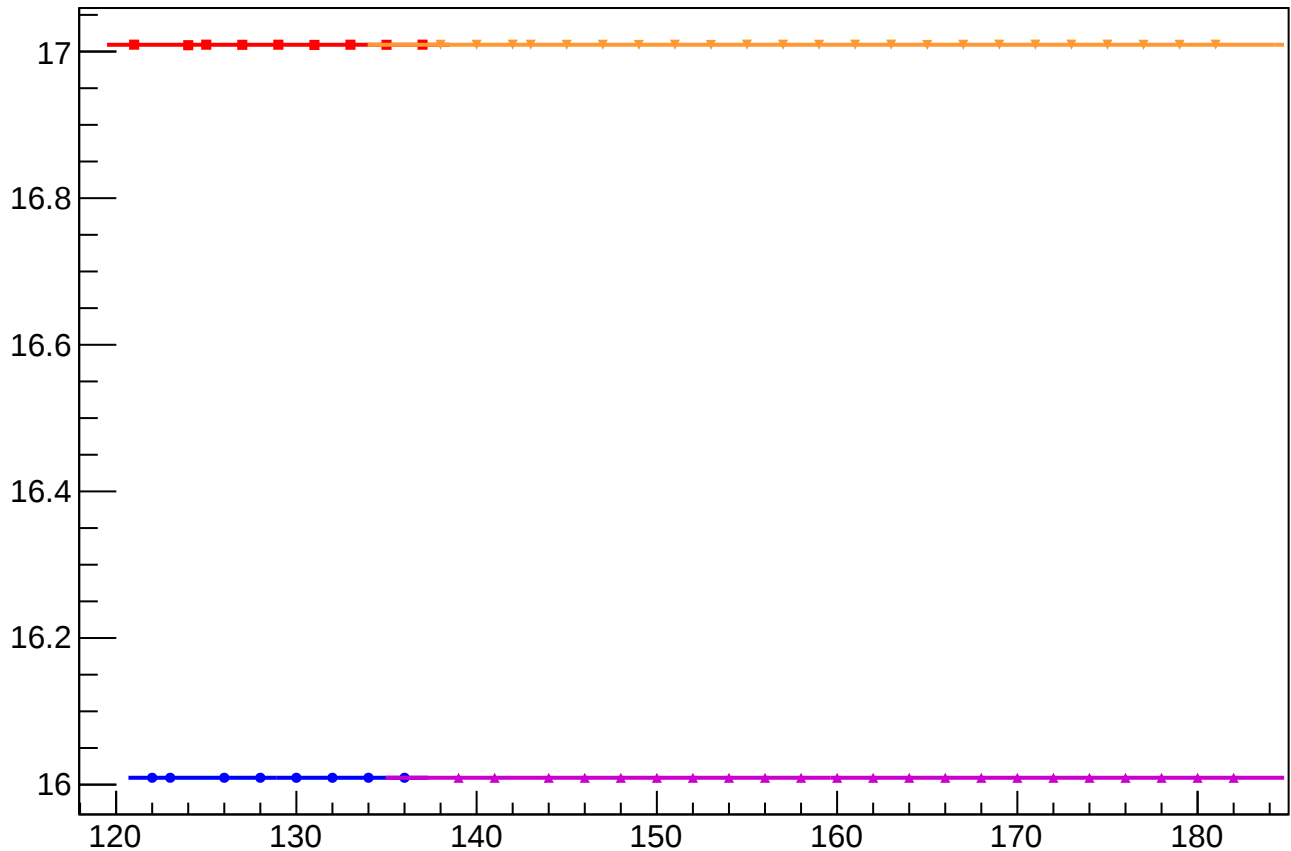
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.1/21

+ sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.2/30

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.3/61

- sign 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/30

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF : 27843.6/7

Left Out: 17.009+/-0.000 χ^2/NDF : 24991617446194199509598208.0/22

Right Out: 17.009+/-0.000 χ^2/NDF : 8315422616570068268482560.0/8

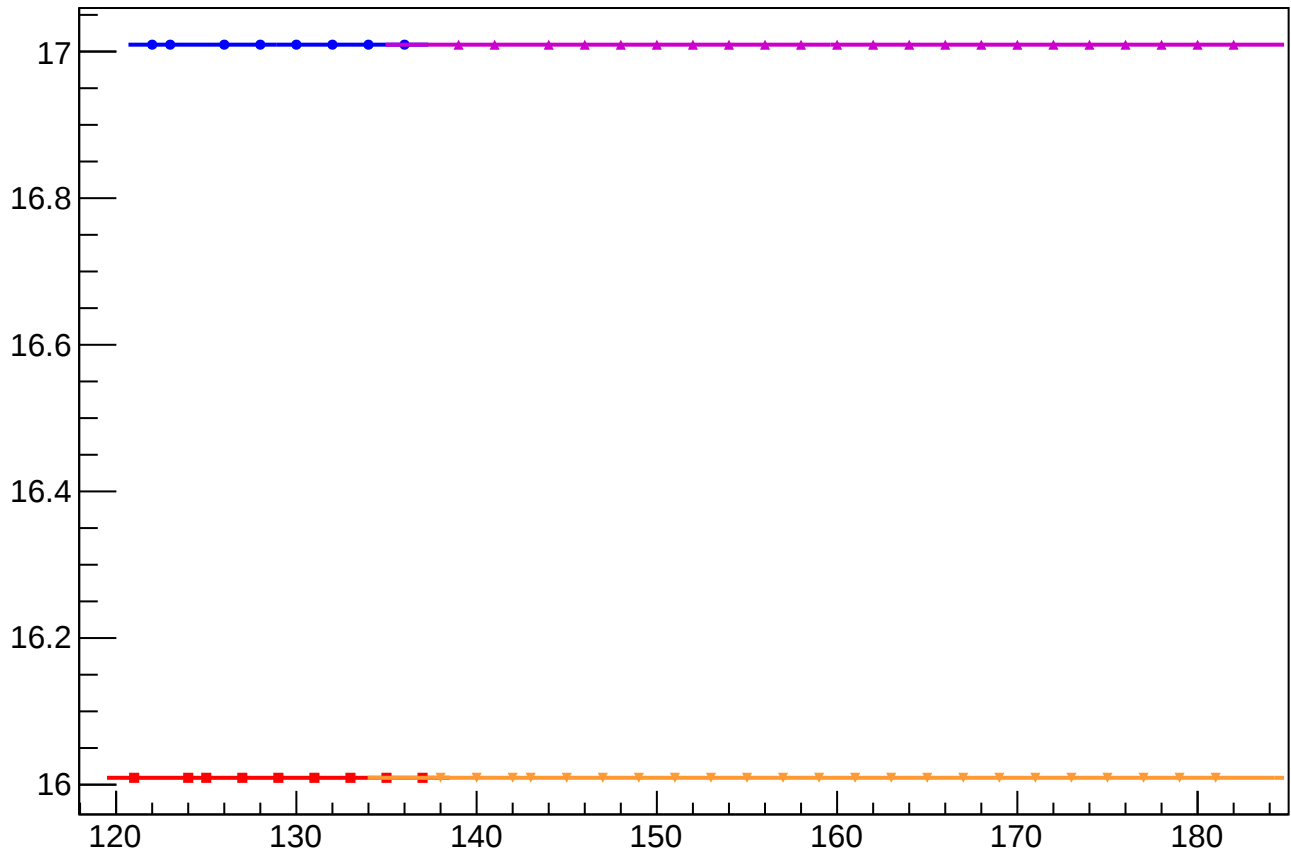
Left In: 16.009+/-0.000 χ^2/NDF : 127871437630070721609728.0/21

+ sign 16.851+/-0.000 χ^2/NDF : 2635094697645436

All: 16.510+/-0.000 χ^2/NDF : 9840184065627

- sign 16.163+/-0.000 χ^2/NDF : 2545890123137794

IGL1I00OD16_16_mean vs Slug



Right In: 17.009+/-0.000 χ^2/NDF : 82003.7/7

Left Out: 16.009+/-0.000 χ^2/NDF : 87481.5/22

Right Out: 16.009+/-0.000 χ^2/NDF : 18844.3/8

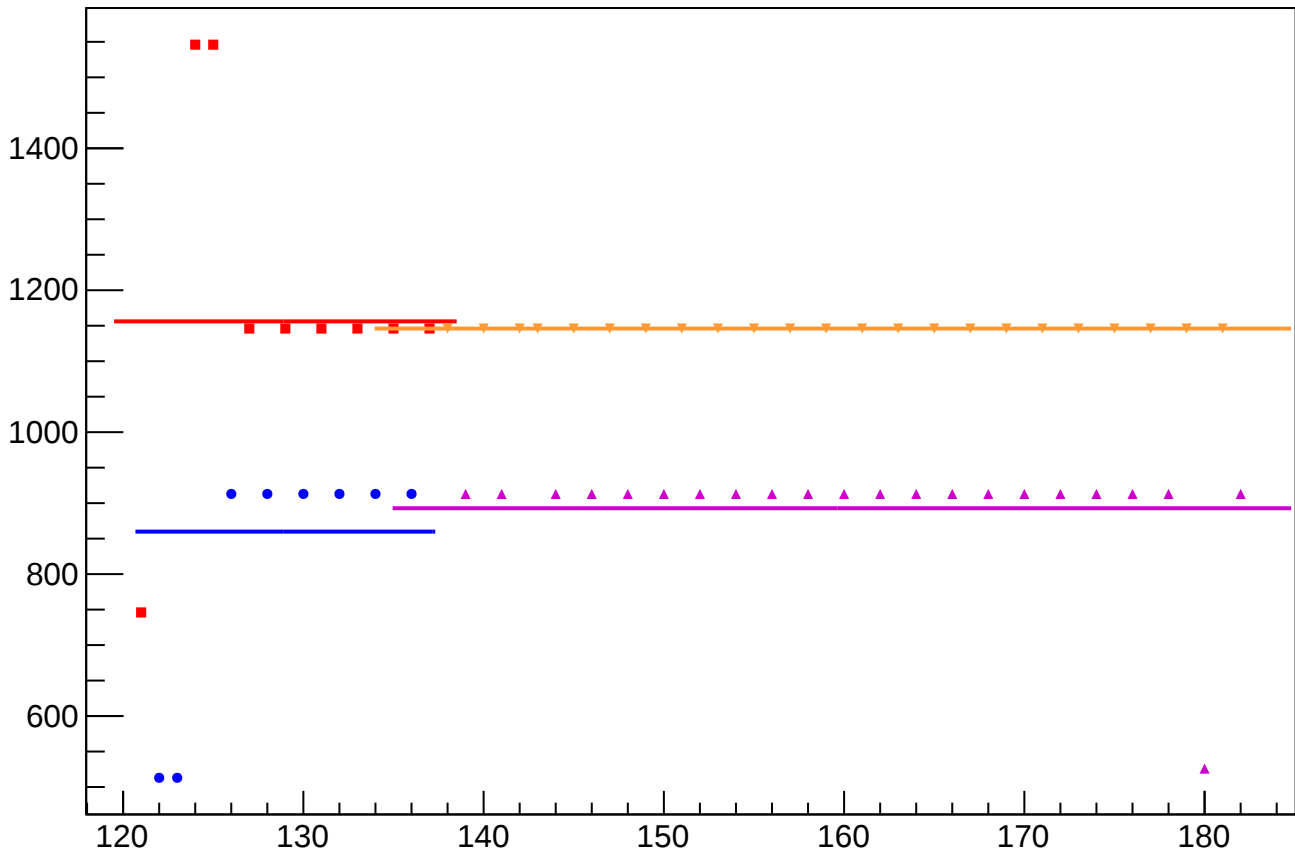
Left In: 17.009+/-0.000 χ^2/NDF : 114941150137387948441600.0/21

+ sign 16.169+/-0.000 χ^2/NDF : 2847663992449229

All: 16.507+/-0.000 χ^2/NDF : 1043220439550

- sign 16.855+/-0.000 χ^2/NDF : 2680754717564861

RTPAPOSUCNT_mean vs Slug



Right In: 859.895+/-0.000 χ^2/NDF : 6244310211396691746388505873258381312.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 5880802141777920004647288832.0/22

Right Out: 1156.104+/-0.000 χ^2/NDF : 13728364455898441296418095102599102464.0/8

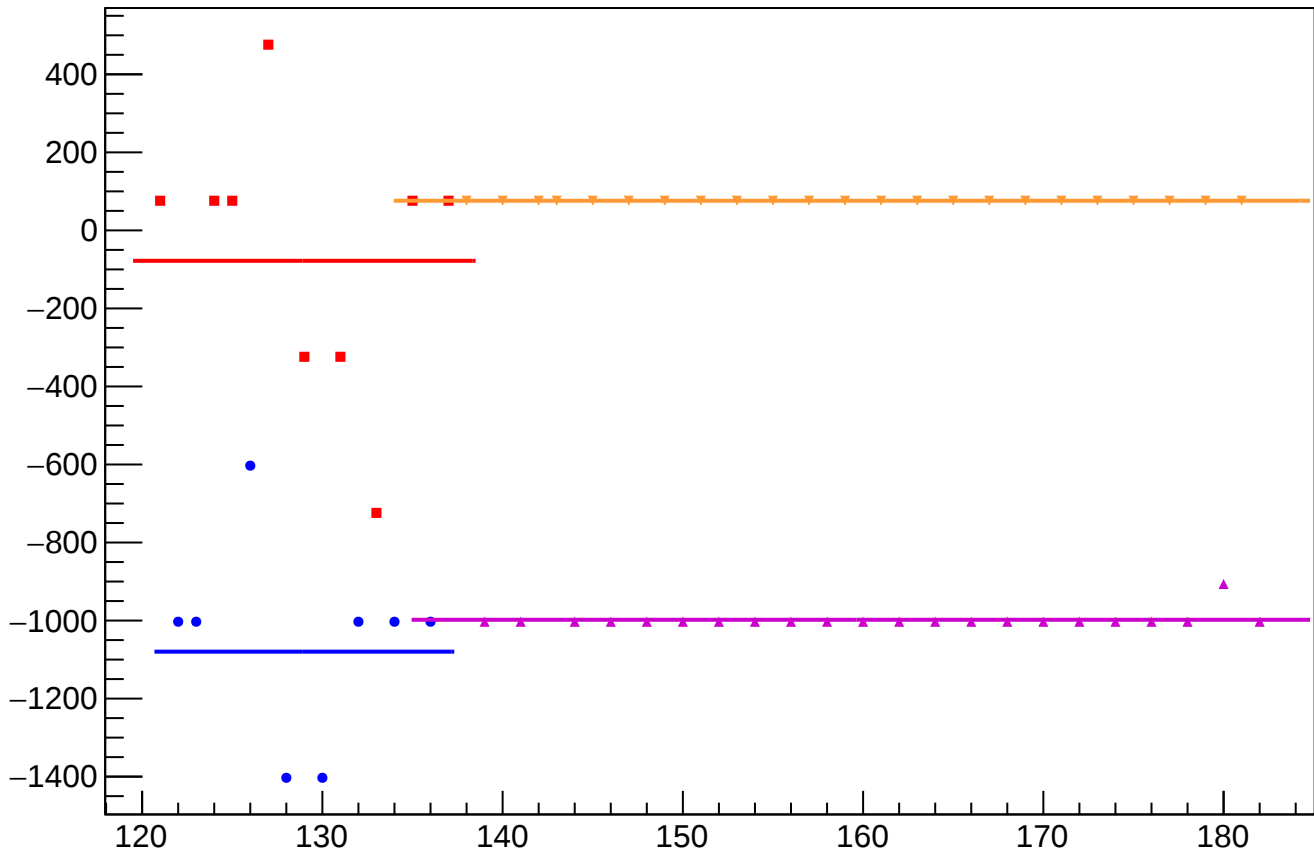
Left In: 892.793+/-0.000 χ^2/NDF : 13208182183520338072817138928218800128.0/21

All: 1017.527+/-0.000 χ^2/NDF : 10519799721

+ sign 1100.751+/-0.000 χ^2/NDF : 29605696198365

- sign 932.559+/-0.000 χ^2/NDF : 455957963762331

RTPAPOSVCNT_mean vs Slug



Right In: -1079.685 ± 0.000 χ^2/NDF : 21205581541739378673536668219320827904.0/7
 Left Out: 76.011 ± 0.000 χ^2/NDF : 10464253562704888076838109184.0/22
 Right Out: -77.935 ± 0.000 χ^2/NDF : 39527049815762816873616890415412150272.0/8
 Left In: -997.939 ± 0.000 χ^2/NDF : 825503632536804257678726132007960576.0/21
 All: -479.001 ± 0.000 χ^2/NDF : 12704557475
 + sign -106.808 ± 0.000 χ^2/NDF : 40236038613079
 - sign -858.996 ± 0.000 χ^2/NDF : 268142119116074