dit_asym_us_avg_mean vs Slug

Right In: 2271.706+/-304.889 χ^2/NDF: 11.6/17

Left Out: 1867.512+/-194.801 χ^2/NDF:15.1/23

Right Out: -1854.899+/-279.534 χ^2/NDF: 16.5/20

Left In: -2107.246+/-194.959 χ^2/NDF:30.0/22

+ sign 1984.682+/-164.156 χ^2/NDF: 27.9/41

All: -72.525+/-114.545 χ^2/NDF: 381.0/85

- sign -2024.666+/-159.909 χ^2/NDF: 47.0/43

dit_asym_us_avg_rms vs Slug

Right In: 823.274+/-0.216 χ^2/NDF: 92196.8/17

Left Out: 818.900+/-0.138 χ^2/NDF:41670.9/23

Right Out: 819.276+/-0.198 χ^2/NDF: 23533.9/20

Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

+ sign 820.168+/-0.116 χ^2/NDF: 134160.0/41

All: 819.409+/-0.081 χ^2/NDF: 187697.4/85

- sign 818.689+/-0.113 χ^2/NDF: 53454.0/43

asym_us_avg_correction_mean vs Slug

Right In: 1689.934+/-1825.390 χ^2/NDF: 0.1/1

Left Out: -147.864+/-347.750 χ^2/NDF:29.3/23

Right Out: 3508.769+/-1426.070 χ^2/NDF: 3.3/2

Left In: 27.722+/-344.229 χ^2/NDF:14.8/22

+ sign -83.501+/-341.606 χ^2/NDF: 30.3/25

All: 71.070+/-239.043 χ^2/NDF: 54.5/51

- sign 219.381+/-334.619 χ^2/NDF: 23.8/25

asym_us_avg_correction_rms vs Slug

Right In: 1401.287+/-1.291 χ^2/NDF: 15238.3/1

Left Out: 1429.065+/-0.246 χ^2/NDF:1106949.6/23

Right Out: 1785.447+/-1.008 χ^2/NDF: 24284.6/2

Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

+ sign 1428.092+/-0.242 χ^2/NDF: 1122634.9/25

All: 1432.087+/-0.169 χ^2/NDF: 2520205.1/51

- sign 1435.920+/-0.237 χ^2/NDF: 1397034.2/25

asym_us_avg_mean vs Slug

Right In: 2618.186+/-546.232 χ^2/NDF: 14.5/17

Left Out: 1892.511+/-394.798 χ^2/NDF:25.9/23

Right Out: -2634.354+/-536.586 χ^2/NDF: 19.6/20

Left In: -2148.867+/-391.716 χ^2/NDF:18.4/22

+ sign 2141.518+/-319.972 χ^2/NDF: 41.6/41

All: -113.223+/-224.974 χ^2/NDF: 178.3/85

- sign -2317.647+/-316.381 χ^2/NDF: 38.5/43

asym_us_avg_rms vs Slug

Right In: 1458.931+/-0.386 χ^2/NDF: 321515.1/17

Left Out: 1638.679+/-0.279 χ^2/NDF:671983.1/23

Right Out: 1548.950+/-0.379 χ^2/NDF: 490441.5/20

Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

+ sign 1577.000+/-0.226 χ^2/NDF: 1135757.5/41

All: 1587.202+/-0.159 χ^2/NDF: 2435506.2/85

- sign 1597.175+/-0.224 χ^2/NDF: 1295728.2/43

dit_asym_us_dd_mean vs Slug

Right In: -532.305+/-298.637 χ^2/NDF: 9.6/17

Left Out: -308.819+/-187.448 χ^2/NDF:20.6/23

Right Out: -106.618+/-271.277 χ^2/NDF: 13.3/20

Left In: 181.983+/-187.935 χ^2/NDF:25.6/22

+ sign -371.982+/-158.764 χ^2/NDF: 30.6/41

All: -135.508+/-110.719 χ^2/NDF: 74.5/85

- sign 88.391+/-154.485 χ^2/NDF: 39.6/43

dit_asym_us_dd_rms vs Slug

Right In: 798.147+/-0.211 χ^2/NDF: 391620.8/17

Left Out: 788.886+/-0.133 χ^2/NDF:9342.2/23

Right Out: 795.883+/-0.192 χ^2/NDF: 17299.9/20

Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

+ sign 791.503+/-0.112 χ^2/NDF: 402343.0/41

All: 791.505+/-0.078 χ^2/NDF: 429632.4/85

- sign 791.507+/-0.109 χ^2/NDF: 27289.4/43

asym_us_dd_correction_mean vs Slug

Right In: -2600.774+/-2524.253 χ^2/NDF: 0.0/1

Left Out: -2178.467+/-439.661 χ^2/NDF:22.7/23

Right Out: 4343.811+/-1774.425 χ^2/NDF: 1.3/2

Left In: 2315.169+/-437.003 χ^2/NDF:22.0/22

+ sign -2190.901+/-433.140 χ^2/NDF: 22.8/25

All: 167.655+/-303.111 χ^2/NDF: 105.4/51

- sign 2431.177+/-424.324 χ^2/NDF: 24.5/25

asym_us_dd_correction_rms vs Slug

Right In: 1984.390+/-1.785 χ^2/NDF: 388.7/1

Left Out: 1833.028+/-0.311 χ^2/NDF:465466.9/23

Right Out: 2240.431+/-1.255 χ^2/NDF: 32702.8/2

Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

+ sign 1837.484+/-0.306 χ^2/NDF: 472835.1/25

All: 1840.154+/-0.214 χ^2/NDF: 1149082.1/51

- sign 1842.717+/-0.300 χ^2/NDF: 676098.1/25

asym_us_dd_mean vs Slug

Right In: -219.690+/-425.528 χ^2/NDF: 16.9/17

Left Out: 294.652+/-224.344 χ^2/NDF:38.3/23

Right Out: 413.405+/-414.494 χ^2/NDF: 8.6/20

Left In: 212.080+/-224.701 χ^2/NDF:23.7/22

+ sign 182.782+/-198.453 χ^2/NDF: 56.3/41

All: 220.468+/-140.004 χ^2/NDF: 88.9/85

- sign 257.808+/-197.541 χ^2/NDF: 32.5/43

asym_us_dd_rms vs Slug

Right In: 1130.315+/-0.301 χ^2/NDF: 503713.0/17

Left Out: 943.327+/-0.159 χ^2/NDF:60410.5/23

Right Out: 1174.734+/-0.293 χ^2/NDF: 1100992.8/20

Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

+ sign 983.997+/-0.140 χ^2/NDF: 866317.4/41

All: 989.895+/-0.099 χ^2/NDF: 2503352.1/85

- sign 995.740+/-0.140 χ^2/NDF: 1633517.4/43

dit_asym_usl_mean vs Slug

Right In: 1735.431+/-424.455 χ^2/NDF: 7.0/17

Left Out: 1562.090+/-269.272 χ^2/NDF:21.8/23

Right Out: -1975.005+/-386.186 χ^2/NDF: 14.2/20

Left In: -1926.929+/-269.667 χ^2/NDF:24.1/22

+ sign 1611.833+/-227.377 χ^2/NDF: 28.8/41

All: -215.183+/-158.513 χ^2/NDF: 192.8/85

- sign -1942.687+/-221.098 χ^2/NDF: 38.4/43

dit_asym_usl_rms vs Slug

Right In: 1137.113+/-0.300 χ^2/NDF: 323541.0/17

Left Out: 1132.882+/-0.190 χ^2/NDF:16786.8/23

Right Out: 1133.125+/-0.273 χ^2/NDF: 23029.4/20

Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

+ sign 1134.096+/-0.161 χ^2/NDF: 340469.4/41

All: 1133.405+/-0.112 χ^2/NDF: 378062.4/85

- sign 1132.752+/-0.156 χ^2/NDF: 37557.0/43

asym_usl_correction_mean vs Slug

Right In: 89.833+/-2010.304 χ^2/NDF: 0.0/1

Left Out: -830.927+/-366.086 χ^2/NDF:40.1/23

Right Out: 2637.746+/-1342.891 χ^2/NDF: 3.4/2

Left In: -21.419+/-362.476 χ^2/NDF:12.8/22

+ sign -801.373+/-360.163 χ^2/NDF: 40.3/25

All: -307.294+/-250.985 χ^2/NDF: 63.8/51

- sign 159.165+/-349.952 χ^2/NDF: 19.8/25

asym_usl_correction_rms vs Slug

Right In: 1495.852+/-1.421 χ^2/NDF: 47432.8/1

Left Out: 1508.993+/-0.259 χ^2/NDF:988673.2/23

Right Out: 1597.360+/-0.950 χ^2/NDF: 195889.7/2

Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

+ sign 1508.571+/-0.255 χ^2/NDF: 1036188.8/25

All: 1504.929+/-0.177 χ^2/NDF: 2339692.0/51

- sign 1501.492+/-0.247 χ^2/NDF: 1303105.8/25

asym_usl_mean vs Slug

Right In: 2346.971+/-568.213 χ^2/NDF: 11.4/17

Left Out: 2253.979+/-456.390 χ^2/NDF:38.7/23

Right Out: -2140.599+/-551.045 χ^2/NDF: 26.0/20

Left In: -1901.797+/-453.879 χ^2/NDF:13.9/22

+ sign 2290.445+/-355.824 χ^2/NDF: 50.1/41

All: 112.749+/-249.644 χ^2/NDF: 163.9/85

- sign -1998.322+/-350.339 χ^2/NDF: 40.0/43

asym_usl_rms vs Slug

Right In: 1519.178+/-0.402 χ^2/NDF: 334418.8/17

Left Out: 1903.456+/-0.323 χ^2/NDF:461899.8/23

Right Out: 1574.114+/-0.390 χ^2/NDF: 793446.9/20

Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

+ sign 1752.763+/-0.252 χ^2/NDF: 1352349.1/41

All: 1757.410+/-0.177 χ^2/NDF: 3045022.8/85

- sign 1761.916+/-0.248 χ^2/NDF: 1692001.8/43

dit_asym_usr_mean vs Slug

Right In: 2734.279+/-437.467 χ^2/NDF: 13.9/18

Left Out: 2213.308+/-266.921 χ^2/NDF:14.2/24

Right Out: -1814.551+/-389.262 χ^2/NDF: 16.7/21

Left In: -2314.778+/-271.873 χ^2/NDF:31.6/22

+ sign 2354.642+/-227.856 χ^2/NDF: 29.1/43

All: 52.312+/-159.334 χ^2/NDF: 278.3/88

- sign -2150.768+/-222.891 χ^2/NDF: 49.4/44

dit_asym_usr_rms vs Slug

Right In: 1175.529+/-0.309 χ^2/NDF: 303953.1/18

Left Out: 1143.249+/-0.189 χ^2/NDF:39493.3/24

Right Out: 1150.767+/-0.275 χ^2/NDF: 20510.6/21

Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

+ sign 1152.007+/-0.161 χ^2/NDF: 351381.5/43

All: 1148.143+/-0.113 χ^2/NDF: 401816.7/88

- sign 1144.446+/-0.158 χ^2/NDF: 49310.1/44

asym_usr_correction_mean vs Slug

Right In: 1998.514+/-3090.786 χ^2/NDF: 0.0/1

Left Out: 633.748+/-371.934 χ^2/NDF:29.3/24

Right Out: 3749.013+/-2342.919 χ^2/NDF: 1.9/2

Left In: 72.962+/-375.277 χ^2/NDF:20.1/22

+ sign 653.228+/-369.270 χ^2/NDF: 29.5/26

All: 409.920+/-261.566 χ^2/NDF: 54.8/52

- sign 164.916+/-370.554 χ^2/NDF: 24.4/25

asym_usr_correction_rms vs Slug

Right In: 2357.079+/-2.186 χ^2/NDF: 15902.8/1

Left Out: 1566.626+/-0.263 χ^2/NDF:766955.2/24

Right Out: 2887.408+/-1.657 χ^2/NDF: 12097.9/2

Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

+ sign 1577.909+/-0.261 χ^2/NDF: 911801.7/26

All: 1581.036+/-0.185 χ^2/NDF: 2487520.3/52

- sign 1584.185+/-0.262 χ^2/NDF: 1575430.7/25

asym_usr_mean vs Slug

Right In: 3032.569+/-782.284 χ^2/NDF: 18.6/18

Left Out: 1475.648+/-451.347 χ^2/NDF:20.9/24

Right Out: -3016.949+/-762.593 χ^2/NDF: 13.3/21

Left In: -2339.905+/-457.448 χ^2/NDF:25.2/22

+ sign 1864.485+/-390.944 χ^2/NDF: 42.5/43

All: -319.795+/-276.911 χ^2/NDF: 144.1/88

- sign -2519.061+/-392.283 χ^2/NDF: 39.0/44

asym_usr_rms vs Slug

Right In: 2082.406+/-0.553 χ^2/NDF: 475609.4/18

Left Out: 1920.082+/-0.319 χ^2/NDF:365919.7/24

Right Out: 2209.416+/-0.539 χ^2/NDF: 652388.0/21

Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

+ sign 1960.622+/-0.276 χ^2/NDF: 906134.9/43

All: 1973.427+/-0.196 χ^2/NDF: 2246646.5/88

- sign 1986.320+/-0.277 χ^2/NDF: 1336205.7/44

dit_asym_at1_avg_mean vs Slug

Right In: 1974.318+/-758.543 χ^2/NDF: 19.1/18

Left Out: 1875.290+/-433.245 χ^2/NDF:30.0/24

Right Out: -1555.080+/-696.451 χ^2/NDF: 19.8/21

Left In: -2286.268+/-441.005 χ^2/NDF:27.3/22

+ sign 1899.649+/-376.206 χ^2/NDF: 49.1/43

All: -107.885+/-264.730 χ^2/NDF: 153.5/88

- sign -2076.998+/-372.589 χ^2/NDF: 48.0/44

dit_asym_at1_avg_rms vs Slug

Right In: 1989.283+/-0.536 χ^2/NDF: 923014.4/18

Left Out: 1851.066+/-0.306 χ^2/NDF:26251.6/24

Right Out: 2013.660+/-0.492 χ^2/NDF: 619113.5/21

Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

+ sign 1885.064+/-0.266 χ^2/NDF: 999336.0/43

All: 1889.356+/-0.187 χ^2/NDF: 1710599.6/88

- sign 1893.565+/-0.263 χ^2/NDF: 710748.1/44

asym_at1_avg_correction_mean vs Slug

Right In: 555.617+/-677.475 χ^2/NDF: 0.1/1

Left Out: -154.845+/-119.654 χ^2/NDF:33.0/24

Right Out: 1043.934+/-546.914 χ^2/NDF: 3.0/2

Left In: 107.387+/-127.580 χ^2/NDF:13.5/22

+ sign -133.354+/-117.830 χ^2/NDF: 34.2/26

All: 3.529+/-85.496 χ^2/NDF: 56.3/52

- sign 155.720+/-124.244 χ^2/NDF: 19.2/25

asym_at1_avg_correction_rms vs Slug

Right In: 496.683+/-0.479 χ^2/NDF: 122231.2/1

Left Out: 443.961+/-0.085 χ^2/NDF:8573133.3/24

Right Out: 640.306+/-0.387 χ^2/NDF: 211.4/2

Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

+ sign 445.556+/-0.083 χ^2/NDF: 8707110.5/26

All: 465.659+/-0.060 χ^2/NDF: 15728382.3/52

- sign 488.010+/-0.088 χ^2/NDF: 6898333.3/25

asym_at1_avg_mean vs Slug

Right In: 2174.271+/-811.609 χ^2/NDF: 20.0/18

Left Out: 1834.720+/-463.777 χ^2/NDF:32.8/24

Right Out: -1744.655+/-762.031 χ^2/NDF: 22.6/21

Left In: -2260.178+/-472.324 χ^2/NDF:26.3/22

+ sign 1918.302+/-402.671 χ^2/NDF: 52.9/43

All: -105.468+/-284.303 χ^2/NDF: 152.6/88

- sign -2117.095+/-401.461 χ^2/NDF: 49.3/44

asym_at1_avg_rms vs Slug

Right In: 2143.232+/-0.574 χ^2/NDF: 724527.7/18

Left Out: 1978.045+/-0.328 χ^2/NDF:137699.3/24

Right Out: 2188.704+/-0.539 χ^2/NDF: 805460.2/21

Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

+ sign 2018.706+/-0.285 χ^2/NDF: 924682.7/43

All: 2025.887+/-0.201 χ^2/NDF: 1967432.4/88

- sign 2033.025+/-0.284 χ^2/NDF: 1041481.3/44

dit_asym_at1_dd_mean vs Slug

Right In: -372.364+/-757.656 χ^2/NDF: 18.2/18

Left Out: -858.637+/-431.465 χ^2/NDF:26.9/24

Right Out: 717.174+/-685.760 χ^2/NDF: 21.6/21

Left In: 427.682+/-439.561 χ^2/NDF:33.7/22

+ sign -739.557+/-374.932 χ^2/NDF: 45.4/43

All: -105.609+/-263.379 χ^2/NDF: 106.5/88

- sign 511.986+/-370.064 χ^2/NDF: 55.4/44

dit_asym_at1_dd_rms vs Slug

Right In: 1992.034+/-0.536 χ^2/NDF: 849515.5/18

Left Out: 1843.534+/-0.305 χ^2/NDF:24974.2/24

Right Out: 1987.230+/-0.485 χ^2/NDF: 375387.1/21

Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

+ sign 1879.899+/-0.265 χ^2/NDF: 932506.3/43

All: 1881.203+/-0.186 χ^2/NDF: 1380207.9/88

- sign 1882.472+/-0.262 χ^2/NDF: 447653.9/44

asym_at1_dd_correction_mean vs Slug

Right In: -370.570+/-1276.991 χ^2/NDF: 0.0/1

Left Out: 407.320+/-101.221 χ^2/NDF:62.1/24

Right Out: -1314.797+/-879.003 χ^2/NDF: 3.1/2

Left In: -13.395+/-102.912 χ^2/NDF:29.2/22

+ sign 402.463+/-100.905 χ^2/NDF: 62.5/26

All: 188.529+/-71.809 χ^2/NDF: 106.1/52

- sign -30.992+/-102.214 χ^2/NDF: 34.5/25

asym_at1_dd_correction_rms vs Slug

Right In: 931.422+/-0.903 χ^2/NDF: 69750.1/1

Left Out: 428.052+/-0.072 χ^2/NDF:704731.3/24

Right Out: 1042.909+/-0.622 χ^2/NDF: 218409.0/2

Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

+ sign 431.195+/-0.071 χ^2/NDF: 1083303.5/26

All: 434.173+/-0.051 χ^2/NDF: 2686604.6/52

- sign 437.229+/-0.072 χ^2/NDF: 1599771.5/25

asym_at1_dd_mean vs Slug

Right In: -668.432+/-824.631 χ^2/NDF: 18.9/18

Left Out: -1294.152+/-444.151 χ^2/NDF:29.6/24

Right Out: 1122.773+/-781.977 χ^2/NDF: 19.3/21

Left In: 485.827+/-452.020 χ^2/NDF:32.4/22

+ sign -1153.450+/-391.039 χ^2/NDF: 49.0/43

All: -254.747+/-276.614 χ^2/NDF: 111.7/88

- sign 645.352+/-391.343 χ^2/NDF: 52.2/44

asym_at1_dd_rms vs Slug

Right In: 2170.880+/-0.583 χ^2/NDF: 812069.3/18

Left Out: 1897.670+/-0.314 χ^2/NDF:35089.1/24

Right Out: 2239.132+/-0.553 χ^2/NDF: 924016.1/21

Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

+ sign 1959.105+/-0.277 χ^2/NDF: 1017328.5/43

All: 1968.911+/-0.196 χ^2/NDF: 2247334.7/88

- sign 1978.733+/-0.277 χ^2/NDF: 1227488.9/44

dit_asym_at2_avg_mean vs Slug

Right In: 2584.602+/-756.398 χ^2/NDF: 7.4/18

Left Out: 1087.902+/-540.984 χ^2/NDF:29.9/24

Right Out: -1308.974+/-670.294 χ^2/NDF: 29.0/21

Left In: -2981.160+/-546.107 χ^2/NDF:14.0/22

+ sign 1594.410+/-440.024 χ^2/NDF: 39.9/43

All: -435.126+/-305.089 χ^2/NDF: 127.7/88

- sign -2314.026+/-423.380 χ^2/NDF: 46.8/44

dit_asym_at2_avg_rms vs Slug

Right In: 1969.350+/-0.535 χ^2/NDF: 999723.1/18

Left Out: 2283.204+/-0.383 χ^2/NDF:634430.6/24

Right Out: 1912.154+/-0.474 χ^2/NDF: 770578.4/21

Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

+ sign 2176.991+/-0.311 χ^2/NDF: 1861962.9/43

All: 2151.746+/-0.216 χ^2/NDF: 3235170.0/88

- sign 2128.377+/-0.299 χ^2/NDF: 1360530.4/44

asym_at2_avg_correction_mean vs Slug

Right In: 11380.627+/-12047.133 χ^2/NDF: 0.0/1

Left Out: -124.370+/-2141.976 χ^2/NDF:29.7/24

Right Out: 20497.506+/-8885.436 χ^2/NDF: 3.7/2

Left In: 185.013+/-2330.398 χ^2/NDF:15.0/22

+ sign 228.189+/-2108.901 χ^2/NDF: 30.6/26

All: 818.211+/-1540.012 χ^2/NDF: 54.4/52

- sign 1492.311+/-2254.159 χ^2/NDF: 23.6/25

asym_at2_avg_correction_rms vs Slug

Right In: 9288.963+/-8.519 χ^2/NDF: 4718.2/1

Left Out: 8757.819+/-1.515 χ^2/NDF:2779104.9/24

Right Out: 11110.853+/-6.283 χ^2/NDF: 57623.1/2

Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

+ sign 8774.095+/-1.491 χ^2/NDF: 2787591.7/26

All: 9206.725+/-1.089 χ^2/NDF: 4175167.7/52

- sign 9701.006+/-1.594 χ^2/NDF: 1207244.3/25

asym_at2_avg_mean vs Slug

Right In: 4524.421+/-2873.003 χ^2/NDF: 15.7/18

Left Out: 1145.185+/-2232.341 χ^2/NDF:27.9/24

Right Out: -5408.129+/-2669.198 χ^2/NDF: 21.7/21

Left In: -3316.960+/-2336.196 χ^2/NDF:13.4/22

+ sign 2417.322+/-1762.763 χ^2/NDF: 44.4/43

All: -912.425+/-1244.758 χ^2/NDF: 87.0/88

- sign -4224.035+/-1757.955 χ^2/NDF: 35.5/44

asym_at2_avg_rms vs Slug

Right In: 7617.152+/-2.031 χ^2/NDF: 516035.7/18

Left Out: 9315.396+/-1.579 χ^2/NDF:1503512.6/24

Right Out: 7557.242+/-1.887 χ^2/NDF: 1027657.2/21

Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

+ sign 8676.061+/-1.246 χ^2/NDF: 2455298.6/43

All: 8703.600+/-0.880 χ^2/NDF: 5241800.0/88

- sign 8730.987+/-1.243 χ^2/NDF: 2785527.8/44

dit_asym_at2_dd_mean vs Slug

Right In: -1126.054+/-649.616 χ^2/NDF: 12.4/18

Left Out: -403.389+/-419.243 χ^2/NDF:28.9/24

Right Out: -229.056+/-586.823 χ^2/NDF: 18.3/21

Left In: 53.539+/-422.570 χ^2/NDF:20.9/22

+ sign -615.879+/-352.255 χ^2/NDF: 42.2/43

All: -321.722+/-245.713 χ^2/NDF: 82.9/88

- sign -42.959+/-342.914 χ^2/NDF: 39.3/44

dit_asym_at2_dd_rms vs Slug

Right In: 1706.254+/-0.459 χ^2/NDF: 780802.4/18

Left Out: 1779.434+/-0.296 χ^2/NDF:610925.0/24

Right Out: 1685.185+/-0.415 χ^2/NDF: 624184.2/21

Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

+ sign 1757.917+/-0.249 χ^2/NDF: 1409645.1/43

All: 1748.342+/-0.174 χ^2/NDF: 2259088.4/88

- sign 1739.269+/-0.242 χ^2/NDF: 846565.5/44

asym_at2_dd_correction_mean vs Slug

Right In: -1366.419+/-5587.880 χ^2/NDF: 0.1/1

Left Out: 191.104+/-869.912 χ^2/NDF:30.6/24

Right Out: -2763.338+/-3715.336 χ^2/NDF: 1.2/2

Left In: 426.004+/-874.870 χ^2/NDF:21.3/22

+ sign 154.250+/-859.558 χ^2/NDF: 30.8/26

All: 206.836+/-604.959 χ^2/NDF: 53.9/52

- sign 258.450+/-851.579 χ^2/NDF: 23.2/25

asym_at2_dd_correction_rms vs Slug

Right In: 4408.615+/-3.951 χ^2/NDF: 932.8/1

Left Out: 3691.174+/-0.615 χ^2/NDF:639471.7/24

Right Out: 4707.073+/-2.627 χ^2/NDF: 1426.3/2

Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

+ sign 3708.150+/-0.608 χ^2/NDF: 672593.6/26

All: 3711.174+/-0.428 χ^2/NDF: 1022913.7/52

- sign 3714.143+/-0.602 χ^2/NDF: 350271.1/25

asym_at2_dd_mean vs Slug

Right In: 873.843+/-935.697 χ^2/NDF: 21.7/18

Left Out: -551.411+/-481.630 χ^2/NDF:34.0/24

Right Out: -974.563+/-874.997 χ^2/NDF: 10.5/21

Left In: -366.243+/-483.092 χ^2/NDF:20.5/22

+ sign -252.889+/-428.230 χ^2/NDF: 57.5/43

All: -382.216+/-300.908 χ^2/NDF: 89.1/88

- sign -508.354+/-422.916 χ^2/NDF: 31.4/44

asym_at2_dd_rms vs Slug

Right In: 2476.159+/-0.662 χ^2/NDF: 534609.7/18

Left Out: 2041.781+/-0.341 χ^2/NDF:706854.2/24

Right Out: 2472.847+/-0.619 χ^2/NDF: 934023.5/21

Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

+ sign 2132.763+/-0.303 χ^2/NDF: 1582205.7/43

All: 2129.647+/-0.213 χ^2/NDF: 3103789.8/88

- sign 2126.608+/-0.299 χ^2/NDF: 1521374.9/44

dit_asym_atl_avg_mean vs Slug

Right In: 1710.320+/-676.607 χ^2/NDF: 14.4/18

Left Out: 837.426+/-454.502 χ^2/NDF:32.3/24

Right Out: -1158.502+/-632.723 χ^2/NDF: 25.0/21

Left In: -2235.652+/-457.720 χ^2/NDF:31.0/22

+ sign 1108.835+/-377.283 χ^2/NDF: 47.9/43

All: -403.945+/-264.477 χ^2/NDF: 137.3/88

- sign -1865.606+/-370.854 χ^2/NDF: 57.8/44

dit_asym_atl_avg_rms vs Slug

Right In: 1775.506+/-0.478 χ^2/NDF: 810974.1/18

Left Out: 1924.077+/-0.321 χ^2/NDF:583939.2/24

Right Out: 1825.834+/-0.447 χ^2/NDF: 554780.0/21

Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

+ sign 1877.882+/-0.267 χ^2/NDF: 1461362.8/43

All: 1879.378+/-0.187 χ^2/NDF: 2203751.7/88

- sign 1880.824+/-0.262 χ^2/NDF: 742327.1/44

asym_atl_avg_correction_mean vs Slug

Right In: 5125.505+/-5514.551 χ^2/NDF: 0.0/1

Left Out: -1349.584+/-690.658 χ^2/NDF:30.9/24

Right Out: 10521.599+/-4138.998 χ^2/NDF: 3.4/2

Left In: 294.047+/-1252.274 χ^2/NDF:14.5/22

+ sign -1249.586+/-685.304 χ^2/NDF: 32.3/26

All: -657.989+/-594.929 χ^2/NDF: 58.9/52

- sign 1151.757+/-1198.615 χ^2/NDF: 23.6/25

asym_atl_avg_correction_rms vs Slug

Right In: 4230.941+/-3.899 χ^2/NDF: 12007.6/1

Left Out: 2017.245+/-0.488 χ^2/NDF:19159743.3/24

Right Out: 5197.883+/-2.927 χ^2/NDF: 56375.8/2

Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

+ sign 2051.432+/-0.485 χ^2/NDF: 19489062.9/26

All: 2811.443+/-0.421 χ^2/NDF: 31020358.5/5

- sign 5136.386+/-0.848 χ^2/NDF: 1546670.9/25

asym_atl_avg_mean vs Slug

Right In: 1510.662+/-1273.424 χ^2/NDF: 16.5/18

Left Out: 1132.501+/-1280.211 χ^2/NDF:32.5/24

Right Out: -1405.611+/-1234.473 χ^2/NDF: 36.8/21

Left In: -3061.439+/-1313.197 χ^2/NDF:12.3/22

+ sign 1322.587+/-902.837 χ^2/NDF: 49.1/43

All: -436.501+/-637.200 χ^2/NDF: 106.6/88

- sign -2182.407+/-899.448 χ^2/NDF: 50.0/44

asym_atl_avg_rms vs Slug

Right In: 3185.752+/-0.900 χ^2/NDF: 2036708.8/18

Left Out: 5366.944+/-0.905 χ^2/NDF:1213541.3/24

Right Out: 3264.635+/-0.861 χ^2/NDF: 2632571.7/21

Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

+ sign 4270.545+/-0.638 χ^2/NDF: 6168545.8/43

All: 4259.351+/-0.449 χ^2/NDF: 12943634.7/8

- sign 4248.399+/-0.631 χ^2/NDF: 6774480.6/44

dit_asym_atl_dd_mean vs Slug

Right In: -30.063+/-669.790 χ^2/NDF: 14.7/18

Left Out: 23.375+/-440.724 χ^2/NDF:31.7/24

Right Out: 363.744+/-613.808 χ^2/NDF: 27.5/21

Left In: 514.693+/-444.402 χ^2/NDF:5.9/22

+ sign 7.229+/-368.170 χ^2/NDF: 46.4/43

All: 240.139+/-257.385 χ^2/NDF: 80.7/88

- sign 462.779+/-359.962 χ^2/NDF: 33.5/44

dit_asym_atl_dd_rms vs Slug

Right In: 1779.516+/-0.474 χ^2/NDF: 439844.7/18

Left Out: 1867.539+/-0.312 χ^2/NDF:545343.0/24

Right Out: 1776.873+/-0.433 χ^2/NDF: 432146.0/21

Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

+ sign 1840.943+/-0.260 χ^2/NDF: 1009292.8/43

All: 1834.528+/-0.182 χ^2/NDF: 1600401.8/88

- sign 1828.400+/-0.254 χ^2/NDF: 589921.7/44

asym_atl_dd_correction_mean vs Slug

Right In: -5429.562+/-5754.853 χ^2/NDF: 0.0/1

Left Out: 325.135+/-488.239 χ^2/NDF:32.5/24

Right Out: -10963.460+/-4068.250 χ^2/NDF: 3.9/2

Left In: -40.142+/-1109.747 χ^2/NDF:13.9/22

+ sign 284.010+/-486.491 χ^2/NDF: 33.5/26

All: 99.064+/-442.910 χ^2/NDF: 58.8/52

- sign -796.656+/-1070.629 χ^2/NDF: 24.4/25

asym_atl_dd_correction_rms vs Slug

Right In: 4417.390+/-4.069 χ^2/NDF: 6464.4/1

Left Out: 1236.170+/-0.345 χ^2/NDF:23395886.7/24

Right Out: 5065.522+/-2.877 χ^2/NDF: 112085.2/2

Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

+ sign 1258.904+/-0.344 χ^2/NDF: 24009135.1/26

All: 1831.504+/-0.313 χ^2/NDF: 41483344.1/5

- sign 4604.689+/-0.757 χ^2/NDF: 1284869.0/25

asym_atl_dd_mean vs Slug

Right In: -673.953+/-1221.685 χ^2/NDF: 15.7/18

Left Out: -845.427+/-1152.677 χ^2/NDF:30.0/24

Right Out: 1640.802+/-1147.575 χ^2/NDF: 23.2/21

Left In: 385.098+/-1181.458 χ^2/NDF:13.9/22

+ sign -764.669+/-838.401 χ^2/NDF: 45.7/43

All: 149.726+/-587.382 χ^2/NDF: 85.7/88

- sign 1031.215+/-823.176 χ^2/NDF: 37.7/44

asym_atl_dd_rms vs Slug

Right In: 3172.891+/-0.864 χ^2/NDF: 1104591.0/18

Left Out: 4854.932+/-0.815 χ^2/NDF:895557.4/24

Right Out: 3182.319+/-0.802 χ^2/NDF: 1439320.7/21

Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

+ sign 4062.753+/-0.593 χ^2/NDF: 4005889.4/43

All: 4028.442+/-0.414 χ^2/NDF: 8561436.8/88

- sign 3995.762+/-0.579 χ^2/NDF: 4549007.2/44

dit_asym_atr_avg_mean vs Slug

Right In: 3047.618+/-777.187 χ^2/NDF: 12.1/18

Left Out: 2019.326+/-481.340 χ^2/NDF:27.1/24

Right Out: -1884.128+/-709.667 χ^2/NDF: 24.5/21

Left In: -2916.079+/-489.445 χ^2/NDF:28.8/22

+ sign 2304.405+/-409.214 χ^2/NDF: 40.5/43

All: -177.439+/-287.104 χ^2/NDF: 167.7/88

- sign -2583.442+/-402.912 χ^2/NDF: 54.7/44

dit_asym_atr_avg_rms vs Slug

Right In: 2048.683+/-0.550 χ^2/NDF: 773996.4/18

Left Out: 2053.296+/-0.340 χ^2/NDF:136888.1/24

Right Out: 2042.040+/-0.502 χ^2/NDF: 603931.4/21

Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

+ sign 2052.017+/-0.289 χ^2/NDF: 910935.4/43

All: 2048.753+/-0.203 χ^2/NDF: 1618192.5/88

- sign 2045.589+/-0.285 χ^2/NDF: 707006.5/44

asym_atr_avg_correction_mean vs Slug

Right In: 6893.304+/-7279.199 χ^2/NDF: 0.0/1

Left Out: 25.977+/-1194.625 χ^2/NDF:29.2/24

Right Out: 12286.102+/-5298.024 χ^2/NDF: 3.5/2

Left In: 23.765+/-1211.652 χ^2/NDF:15.2/22

+ sign 206.088+/-1178.855 χ^2/NDF: 30.1/26

All: 419.251+/-834.389 χ^2/NDF: 54.0/52

- sign 633.247+/-1181.157 χ^2/NDF: 23.8/25

asym_atr_avg_correction_rms vs Slug

Right In: 5604.814+/-5.147 χ^2/NDF: 9034.7/1

Left Out: 5002.559+/-0.845 χ^2/NDF:1145597.1/24

Right Out: 6564.357+/-3.746 χ^2/NDF: 29044.9/2

Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

+ sign 5018.354+/-0.834 χ^2/NDF: 1167963.4/26

All: 5041.437+/-0.590 χ^2/NDF: 2564794.6/52

- sign 5064.611+/-0.835 χ^2/NDF: 1395294.6/25

asym_atr_avg_mean vs Slug

Right In: 3812.652+/-1813.214 χ^2/NDF: 15.2/18

Left Out: 1580.515+/-1266.098 χ^2/NDF:25.2/24

Right Out: -4730.064+/-1654.323 χ^2/NDF: 19.5/21

Left In: -2856.480+/-1284.131 χ^2/NDF:18.1/22

+ sign 2312.125+/-1038.075 χ^2/NDF: 41.4/43

All: -692.153+/-725.512 χ^2/NDF: 96.1/88

- sign -3560.922+/-1014.393 χ^2/NDF: 38.4/44

asym_atr_avg_rms vs Slug

Right In: 4756.442+/-1.282 χ^2/NDF: 875741.1/18

Left Out: 5334.221+/-0.895 χ^2/NDF:865414.3/24

Right Out: 4598.989+/-1.164 χ^2/NDF: 1353146.2/21

Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

+ sign 5144.847+/-0.734 χ^2/NDF: 1877669.9/43

All: 5089.437+/-0.512 χ^2/NDF: 4430019.4/88

- sign 5036.739+/-0.716 χ^2/NDF: 2541231.8/44

dit_asym_atr_dd_mean vs Slug

Right In: -1215.325+/-774.511 χ^2/NDF: 14.2/18

Left Out: 605.796+/-469.397 χ^2/NDF:25.2/24

Right Out: -613.965+/-689.990 χ^2/NDF: 17.5/21

Left In: 108.365+/-477.899 χ^2/NDF:25.0/22

+ sign 116.581+/-401.428 χ^2/NDF: 43.5/43

All: -7.227+/-280.777 χ^2/NDF: 86.9/88

- sign -125.811+/-392.868 χ^2/NDF: 43.2/44

dit_asym_atr_dd_rms vs Slug

Right In: 2043.660+/-0.548 χ^2/NDF: 742177.3/18

Left Out: 2003.987+/-0.332 χ^2/NDF:99981.7/24

Right Out: 1994.932+/-0.487 χ^2/NDF: 301738.3/21

Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

+ sign 2014.645+/-0.284 χ^2/NDF: 845996.9/43

All: 2006.363+/-0.199 χ^2/NDF: 1229166.6/88

- sign 1998.435+/-0.278 χ^2/NDF: 381503.6/44

asym_atr_dd_correction_mean vs Slug

Right In: -5950.001+/-6166.865 χ^2/NDF: 0.0/1

Left Out: -871.296+/-1043.390 χ^2/NDF:28.3/24

Right Out: -7736.105+/-4618.204 χ^2/NDF: 4.0/2

Left In: 10.945+/-1070.258 χ^2/NDF:17.2/22

+ sign -1012.634+/-1028.769 χ^2/NDF: 29.0/26

All: -702.482+/-732.300 χ^2/NDF: 53.1/52

- sign -383.919+/-1042.626 χ^2/NDF: 23.9/25

asym_atr_dd_correction_rms vs Slug

Right In: 4758.190+/-4.361 χ^2/NDF: 1591.2/1

Left Out: 4355.202+/-0.738 χ^2/NDF:1350492.3/24

Right Out: 5747.021+/-3.266 χ^2/NDF: 58728.8/2

Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

+ sign 4366.417+/-0.727 χ^2/NDF: 1360386.3/26

All: 4416.114+/-0.518 χ^2/NDF: 2869216.4/52

- sign 4467.158+/-0.737 χ^2/NDF: 1499369.4/25

asym_atr_dd_mean vs Slug

Right In: -2030.611+/-1744.710 χ^2/NDF: 22.0/18

Left Out: 1306.805+/-1131.617 χ^2/NDF:28.1/24

Right Out: 1346.010+/-1600.671 χ^2/NDF: 15.1/21

Left In: 131.428+/-1157.282 χ^2/NDF:14.9/22

+ sign 318.556+/-949.405 χ^2/NDF: 52.7/43

All: 434.873+/-667.204 χ^2/NDF: 83.0/88

- sign 548.374+/-937.839 χ^2/NDF: 30.3/44

asym_atr_dd_rms vs Slug

Right In: 4586.674+/-1.234 χ^2/NDF: 820651.0/18

Left Out: 4763.190+/-0.800 χ^2/NDF:941856.9/24

Right Out: 4495.829+/-1.126 χ^2/NDF: 1118516.5/21

Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

+ sign 4710.921+/-0.671 χ^2/NDF: 1776917.5/43

All: 4696.550+/-0.471 χ^2/NDF: 3889892.8/88

- sign 4682.575+/-0.662 χ^2/NDF: 2112071.4/44

dit_asym_atl_avg_atr_avg_avg_mean vs Slug

Right In: 1442.779+/-2721.539 χ^2/NDF: 3.0/1

Left Out: 1435.504+/-358.178 χ^2/NDF:26.7/24

Right Out: 356.710+/-1127.700 χ^2/NDF: 0.4/2

Left In: -2754.889+/-361.672 χ^2/NDF:22.4/22

+ sign 1435.628+/-355.116 χ^2/NDF: 29.7/26

All: -574.300+/-247.227 χ^2/NDF: 121.5/52

- sign -2464.683+/-344.393 χ^2/NDF: 29.6/25

dit_asym_atl_avg_atr_avg_avg_rms vs Slug

Right In: 2023.377+/-1.924 χ^2/NDF: 136768.3/1

Left Out: 1519.092+/-0.253 χ^2/NDF:365839.2/24

Right Out: 1426.984+/-0.797 χ^2/NDF: 1852.4/2

Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

+ sign 1527.678+/-0.251 χ^2/NDF: 570106.1/26

All: 1513.696+/-0.175 χ^2/NDF: 718849.7/52

- sign 1500.545+/-0.244 χ^2/NDF: 142726.7/25

asym_atl_avg_atr_avg_avg_correction_mean vs Slug

Right In: 5950.864+/-6371.883 χ^2/NDF: 0.0/1

Left Out: -264.324+/-1151.119 χ^2/NDF:29.7/24

Right Out: 11497.553+/-4739.695 χ^2/NDF: 3.4/2

Left In: 151.239+/-1241.800 χ^2/NDF:14.9/22

+ sign -67.892+/-1132.782 χ^2/NDF: 30.7/26

All: 378.301+/-824.142 χ^2/NDF: 54.6/52

- sign 880.065+/-1201.255 χ^2/NDF: 23.6/25

asym_atl_avg_atr_avg_avg_correction_rms vs Slug

Right In: 4900.489+/-4.506 χ^2/NDF: 9945.9/1

Left Out: 4724.027+/-0.814 χ^2/NDF:2537532.1/24

Right Out: 5934.060+/-3.351 χ^2/NDF: 33931.2/2

Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

+ sign 4729.604+/-0.801 χ^2/NDF: 2548963.5/26

All: 4935.831+/-0.583 χ^2/NDF: 3910941.4/52

- sign 5167.742+/-0.849 χ^2/NDF: 1221148.5/25

asym_atl_avg_atr_avg_avg_mean vs Slug

Right In: -4887.703+/-7041.812 χ^2/NDF: 0.2/1

Left Out: 1292.246+/-1215.761 χ^2/NDF:27.8/24

Right Out: -12512.173+/-4985.047 χ^2/NDF: 3.1/2

Left In: -3205.363+/-1265.586 χ^2/NDF:13.9/22

+ sign 1113.368+/-1198.037 χ^2/NDF: 28.8/26

All: -1270.114+/-857.085 χ^2/NDF: 57.2/52

- sign -3768.896+/-1226.672 χ^2/NDF: 20.3/25

asym_atl_avg_atr_avg_avg_rms vs Slug

Right In: 5534.544+/-4.979 χ^2/NDF: 2381.3/1

Left Out: 5085.307+/-0.860 χ^2/NDF:1356698.4/24

Right Out: 6283.185+/-3.525 χ^2/NDF: 38342.5/2

Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

+ sign 5098.310+/-0.847 χ^2/NDF: 1366983.9/26

All: 5188.216+/-0.606 χ^2/NDF: 2573184.3/52

- sign 5282.471+/-0.867 χ^2/NDF: 1183129.0/25

dit_asym_atl_avg_atr_avg_dd_mean vs Slug

Right In: -2283.368+/-1636.274 χ^2/NDF: 0.1/1

Left Out: -664.362+/-305.119 χ^2/NDF:34.6/24

Right Out: -1087.664+/-1066.953 χ^2/NDF: 0.5/2

Left In: 212.071+/-308.597 χ^2/NDF:36.6/22

+ sign -718.766+/-299.949 χ^2/NDF: 35.6/26

All: -298.639+/-210.847 χ^2/NDF: 78.0/52

- sign 111.735+/-296.447 χ^2/NDF: 38.5/25

dit_asym_atl_avg_atr_avg_dd_rms vs Slug

Right In: 1293.801+/-1.157 χ^2/NDF: 44.1/1

Left Out: 1298.743+/-0.216 χ^2/NDF:310344.8/24

Right Out: 1350.932+/-0.754 χ^2/NDF: 668.6/2

Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

+ sign 1298.577+/-0.212 χ^2/NDF: 310406.5/26

All: 1296.919+/-0.149 χ^2/NDF: 376516.3/52

- sign 1295.298+/-0.210 χ^2/NDF: 65988.9/25

asym_atl_avg_atr_avg_dd_correction_mean vs Slug

Right In: -628.576+/-1120.695 χ^2/NDF: 0.0/1

Left Out: -211.646+/-87.670 χ^2/NDF:41.7/24

Right Out: -1090.818+/-774.145 χ^2/NDF: 1.4/2

Left In: -117.113+/-88.214 χ^2/NDF:14.3/22

+ sign -214.182+/-87.403 χ^2/NDF: 41.8/26

All: -172.006+/-61.889 χ^2/NDF: 59.6/52

- sign -129.594+/-87.647 χ^2/NDF: 17.3/25

asym_atl_avg_atr_avg_dd_correction_rms vs Slug

Right In: 852.930+/-0.792 χ^2/NDF: 10585.3/1

Left Out: 357.749+/-0.062 χ^2/NDF:3042055.7/24

Right Out: 935.210+/-0.547 χ^2/NDF: 55116.7/2

Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

+ sign 360.761+/-0.062 χ^2/NDF: 3440731.2/26

All: 363.566+/-0.044 χ^2/NDF: 6452643.1/52

- sign 366.386+/-0.062 χ^2/NDF: 3007781.4/25

asym_atl_avg_atr_avg_dd_mean vs Slug

Right In: -1333.108+/-2085.300 χ^2/NDF: 0.0/1

Left Out: -413.407+/-320.677 χ^2/NDF:32.8/24

Right Out: 177.546+/-1387.463 χ^2/NDF: 0.3/2

Left In: 337.193+/-323.023 χ^2/NDF:32.8/22

+ sign -434.654+/-316.951 χ^2/NDF: 33.0/26

All: -50.003+/-223.286 χ^2/NDF: 69.1/52

- sign 328.984+/-314.609 χ^2/NDF: 33.1/25

asym_atl_avg_atr_avg_dd_rms vs Slug

Right In: 1645.331+/-1.475 χ^2/NDF: 10.6/1

Left Out: 1361.511+/-0.227 χ^2/NDF:507869.8/24

Right Out: 1758.142+/-0.981 χ^2/NDF: 15827.2/2

Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

+ sign 1368.067+/-0.224 χ^2/NDF: 544073.9/26

All: 1370.021+/-0.158 χ^2/NDF: 792383.4/52

- sign 1371.946+/-0.222 χ^2/NDF: 248158.7/25

dit_asym_atl_dd_atr_dd_avg_mean vs Slug

Right In: -381.210+/-542.215 χ^2/NDF: 14.9/18

Left Out: 320.058+/-344.642 χ^2/NDF:32.4/24

Right Out: -97.792+/-484.684 χ^2/NDF: 26.6/21

Left In: 310.833+/-348.292 χ^2/NDF:16.8/22

+ sign 118.265+/-290.859 χ^2/NDF: 48.5/43

All: 145.720+/-202.773 χ^2/NDF: 92.4/88

- sign 171.682+/-282.839 χ^2/NDF: 43.9/44

dit_asym_atl_dd_atr_dd_avg_rms vs Slug

Right In: 1425.920+/-0.383 χ^2/NDF: 725584.4/18

Left Out: 1463.714+/-0.244 χ^2/NDF:310491.4/24

Right Out: 1396.622+/-0.343 χ^2/NDF: 355146.3/21

Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

+ sign 1452.838+/-0.206 χ^2/NDF: 1042996.8/43

All: 1443.305+/-0.143 χ^2/NDF: 1519890.1/88

- sign 1434.292+/-0.200 χ^2/NDF: 472713.4/44

asym_atl_dd_atr_dd_avg_correction_mean vs Slug

Right In: -5416.337+/-5662.235 χ^2/NDF: 0.0/1

Left Out: -160.118+/-989.347 χ^2/NDF:29.7/24

Right Out: -8828.748+/-4111.962 χ^2/NDF: 4.0/2

Left In: -26.926+/-1085.415 χ^2/NDF:15.3/22

+ sign -315.835+/-974.582 χ^2/NDF: 30.6/26

All: -447.542+/-714.142 χ^2/NDF: 54.2/52

- sign -600.267+/-1049.468 χ^2/NDF: 23.6/25

asym_atl_dd_atr_dd_avg_correction_rms vs Slug

Right In: 4374.454+/-4.004 χ^2/NDF: 933.0/1

Left Out: 4026.447+/-0.700 χ^2/NDF:3071265.0/24

Right Out: 5116.185+/-2.908 χ^2/NDF: 95805.3/2

Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

+ sign 4036.757+/-0.689 χ^2/NDF: 3079529.2/26

All: 4257.074+/-0.505 χ^2/NDF: 4574662.5/52

- sign 4512.550+/-0.742 χ^2/NDF: 1274403.9/25

asym_atl_dd_atr_dd_avg_mean vs Slug

Right In: -1171.205+/-1456.137 χ^2/NDF: 17.5/18

Left Out: 229.897+/-1073.528 χ^2/NDF:28.1/24

Right Out: 1582.512+/-1312.617 χ^2/NDF: 19.6/21

Left In: 185.280+/-1119.296 χ^2/NDF:14.3/22

+ sign -263.479+/-864.084 χ^2/NDF: 46.2/43

All: 262.512+/-606.571 χ^2/NDF: 81.4/88

- sign 773.523+/-851.691 χ^2/NDF: 34.5/44

asym_atl_dd_atr_dd_avg_rms vs Slug

Right In: 3881.866+/-1.030 χ^2/NDF: 383831.2/18

Left Out: 4493.314+/-0.759 χ^2/NDF:1309134.5/24

Right Out: 3696.673+/-0.921 χ^2/NDF: 979933.9/21

Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

+ sign 4277.995+/-0.611 χ^2/NDF: 1921443.4/43

All: 4252.302+/-0.428 χ^2/NDF: 4485239.3/88

- sign 4227.514+/-0.600 χ^2/NDF: 2560321.6/44

dit_asym_atl_dd_atr_dd_dd_mean vs Slug

Right In: 253.459+/-500.915 χ^2/NDF: 18.0/18

Left Out: -270.523+/-302.030 χ^2/NDF:22.2/24

Right Out: 589.066+/-458.972 χ^2/NDF: 21.2/21

Left In: 258.285+/-305.289 χ^2/NDF:16.0/22

+ sign -130.817+/-258.651 χ^2/NDF: 41.0/43

All: 118.728+/-181.297 χ^2/NDF: 80.4/88

- sign 359.745+/-254.193 χ^2/NDF: 37.6/44

dit_asym_atl_dd_atr_dd_dd_rms vs Slug

Right In: 1323.122+/-0.354 χ^2/NDF: 608112.6/18

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

Right Out: 1324.612+/-0.325 χ^2/NDF: 395955.6/21

Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

+ sign 1295.585+/-0.183 χ^2/NDF: 922411.3/43

All: 1293.474+/-0.128 χ^2/NDF: 1393138.2/88

- sign 1291.434+/-0.180 χ^2/NDF: 470464.8/44

asym_atl_dd_atr_dd_dd_correction_mean vs Slug

Right In: 456.645+/-2176.030 χ^2/NDF: 0.0/1

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

Right Out: -693.650+/-1436.574 χ^2/NDF: 0.4/2

Left In: 147.044+/-154.051 χ^2/NDF:19.4/22

+ sign 604.427+/-153.538 χ^2/NDF: 60.0/26

All: 370.401+/-108.439 χ^2/NDF: 84.8/52

- sign 137.487+/-153.173 χ^2/NDF: 20.1/25

asym_atl_dd_atr_dd_dd_correction_rms vs Slug

Right In: 1686.570+/-1.539 χ^2/NDF: 19427.8/1

Left Out: 649.866+/-0.109 χ^2/NDF:840823.5/24

Right Out: 1771.781+/-1.016 χ^2/NDF: 82599.3/2

Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

+ sign 655.028+/-0.109 χ^2/NDF: 1311942.8/26

All: 655.435+/-0.077 χ^2/NDF: 2939149.7/52

- sign 655.841+/-0.108 χ^2/NDF: 1627178.8/25

asym_atl_dd_atr_dd_dd_mean vs Slug

Right In: -109.094+/-718.463 χ^2/NDF: 24.0/18

Left Out: -987.247+/-339.757 χ^2/NDF:28.5/24

Right Out: 436.046+/-680.697 χ^2/NDF: 13.2/21

Left In: 137.780+/-342.262 χ^2/NDF:18.8/22

+ sign -826.757+/-307.145 χ^2/NDF: 53.7/43

All: -312.118+/-216.701 χ^2/NDF: 91.4/88

- sign 197.970+/-305.784 χ^2/NDF: 32.2/44

asym_atl_dd_atr_dd_dd_rms vs Slug

Right In: 1905.649+/-0.508 χ^2/NDF: 488120.4/18

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

Right Out: 1957.588+/-0.481 χ^2/NDF: 555053.4/21

Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

+ sign 1529.530+/-0.217 χ^2/NDF: 1533681.2/43

All: 1533.682+/-0.153 χ^2/NDF: 3120248.8/88

- sign 1537.796+/-0.216 χ^2/NDF: 1585839.9/44

dit_asym_atl1_mean vs Slug

Right In: 1530.358+/-982.681 χ^2/NDF: 18.3/18

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: -1113.705+/-924.795 χ^2/NDF: 23.9/21

Left In: -1762.122+/-574.660 χ^2/NDF:23.2/22

+ sign 1175.200+/-490.620 χ^2/NDF: 41.1/43

All: -210.244+/-346.027 χ^2/NDF: 104.5/88

- sign -1581.495+/-488.100 χ^2/NDF: 47.5/44

dit_asym_atl1_rms vs Slug

Right In: 2602.085+/-0.695 χ^2/NDF: 655749.5/18

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

Right Out: 2682.428+/-0.654 χ^2/NDF: 621065.0/21

Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

+ sign 2464.616+/-0.347 χ^2/NDF: 782664.1/43

All: 2474.018+/-0.245 χ^2/NDF: 1548936.3/88

- sign 2483.323+/-0.345 χ^2/NDF: 764811.0/44

asym_atl1_correction_mean vs Slug

Right In: 439.428+/-715.917 χ^2/NDF: 0.0/1

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

Right Out: -352.301+/-692.828 χ^2/NDF: 2.1/2

Left In: -62.569+/-164.169 χ^2/NDF:24.3/22

+ sign 252.916+/-159.804 χ^2/NDF: 36.1/26

All: 87.411+/-112.978 χ^2/NDF: 64.7/52

- sign -77.972+/-159.745 χ^2/NDF: 26.5/25

asym_atl1_correction_rms vs Slug

Right In: 486.157+/-0.506 χ^2/NDF: 119730.6/1

Left Out: 666.133+/-0.116 χ^2/NDF:3190574.7/24

Right Out: 827.609+/-0.490 χ^2/NDF: 227058.9/2

Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

+ sign 657.166+/-0.113 χ^2/NDF: 3430404.1/26

All: 655.942+/-0.080 χ^2/NDF: 7965528.6/52

- sign 654.719+/-0.113 χ^2/NDF: 4534890.0/25

asym_atl1_mean vs Slug

Right In: 1330.897+/-1083.414 χ^2/NDF: 18.7/18

Left Out: 566.778+/-598.308 χ^2/NDF:25.2/24

Right Out: -935.988+/-1038.523 χ^2/NDF: 26.2/21

Left In: -1713.317+/-607.775 χ^2/NDF:18.1/22

+ sign 745.353+/-523.750 χ^2/NDF: 44.3/43

All: -383.102+/-370.630 χ^2/NDF: 98.2/88

- sign -1515.006+/-524.550 χ^2/NDF: 44.6/44

asym_atl1_rms vs Slug

Right In: 2866.119+/-0.766 χ^2/NDF: 667569.4/18

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

Right Out: 2965.096+/-0.734 χ^2/NDF: 1057050.3/21

Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

+ sign 2626.250+/-0.370 χ^2/NDF: 943935.7/43

All: 2638.058+/-0.262 χ^2/NDF: 2347584.4/88

- sign 2649.902+/-0.371 χ^2/NDF: 1401612.5/44

dit_asym_atl2_mean vs Slug

Right In: 1548.918+/-874.536 χ^2/NDF: 9.0/18

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

Right Out: -1616.711+/-781.189 χ^2/NDF: 23.5/21

Left In: -2595.551+/-683.824 χ^2/NDF:14.0/22

+ sign 1085.457+/-535.591 χ^2/NDF: 48.6/43

All: -607.981+/-371.053 χ^2/NDF: 106.2/88

- sign -2170.899+/-514.537 χ^2/NDF: 38.4/44

dit_asym_atl2_rms vs Slug

Right In: 2267.855+/-0.618 χ^2/NDF: 1149276.6/18

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

Right Out: 2246.395+/-0.552 χ^2/NDF: 646710.5/21

Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

+ sign 2631.190+/-0.379 χ^2/NDF: 2736159.9/43

All: 2607.163+/-0.262 χ^2/NDF: 4439234.3/88

- sign 2585.001+/-0.364 χ^2/NDF: 1695336.9/44

asym_atl2_correction_mean vs Slug

Right In: 10521.291+/-11222.668 χ^2/NDF: 0.0/1

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: 21416.007+/-8189.809 χ^2/NDF: 3.7/2

Left In: 339.260+/-2365.986 χ^2/NDF:14.2/22

+ sign -1697.815+/-1073.232 χ^2/NDF: 32.4/26

All: -1030.504+/-970.492 χ^2/NDF: 58.5/52

- sign 1962.817+/-2273.033 χ^2/NDF: 24.0/25

asym_atl2_correction_rms vs Slug

Right In: 8610.592+/-7.936 χ^2/NDF: 8795.1/1

Left Out: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

Right Out: 10243.833+/-5.791 χ^2/NDF: 83886.4/2

Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

+ sign 2839.724+/-0.759 χ^2/NDF: 23405556.3/26

All: 4102.534+/-0.686 χ^2/NDF: 39947801.3/5

- sign 9767.047+/-1.607 χ^2/NDF: 1352637.3/25

asym_atl2_mean vs Slug

Right In: 3398.132+/-2453.667 χ^2/NDF: 15.6/18

Left Out: 2192.629+/-2346.604 χ^2/NDF:31.2/24

Right Out: -3964.363+/-2327.035 χ^2/NDF: 29.3/21

Left In: -3362.489+/-2413.842 χ^2/NDF:12.8/22

+ sign 2768.507+/-1695.886 χ^2/NDF: 46.9/43

All: -492.291+/-1191.831 χ^2/NDF: 96.3/88

- sign -3674.442+/-1675.310 χ^2/NDF: 42.1/44

asym_atl2_rms vs Slug

Right In: 6457.260+/-1.735 χ^2/NDF: 716307.2/18

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

Right Out: 6581.544+/-1.645 χ^2/NDF: 1088979.4/21

Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

+ sign 8224.673+/-1.199 χ^2/NDF: 3887931.1/43

All: 8209.030+/-0.843 χ^2/NDF: 8191279.2/88

- sign 8193.766+/-1.185 χ^2/NDF: 4303011.9/44

dit_asym_atr1_mean vs Slug

Right In: 2039.735+/-1080.993 χ^2/NDF: 14.3/18

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

Right Out: -2325.414+/-982.590 χ^2/NDF: 13.3/21

Left In: -2697.794+/-662.544 χ^2/NDF:36.1/22

+ sign 2534.367+/-556.315 χ^2/NDF: 49.3/43

All: -55.832+/-390.882 χ^2/NDF: 141.6/88

- sign -2581.405+/-549.331 χ^2/NDF: 49.5/44

dit_asym_atr1_rms vs Slug

Right In: 2864.945+/-0.764 χ^2/NDF: 670256.1/18

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

Right Out: 2857.610+/-0.695 χ^2/NDF: 316805.1/21

Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

+ sign 2800.623+/-0.393 χ^2/NDF: 685141.4/43

All: 2801.543+/-0.276 χ^2/NDF: 1016618.3/88

- sign 2802.439+/-0.388 χ^2/NDF: 331466.1/44

asym_atr1_correction_mean vs Slug

Right In: 1300.185+/-1962.467 χ^2/NDF: 0.0/1

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

Right Out: 2662.238+/-1379.617 χ^2/NDF: 2.5/2

Left In: -35.366+/-190.553 χ^2/NDF:15.1/22

+ sign -643.497+/-189.335 χ^2/NDF: 49.7/26

All: -313.183+/-133.677 χ^2/NDF: 77.1/52

- sign 15.134+/-188.761 χ^2/NDF: 21.3/25

asym_atr1_correction_rms vs Slug

Right In: 1456.187+/-1.388 χ^2/NDF: 75068.3/1

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 1655.918+/-0.976 χ^2/NDF: 57322.0/2

Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

+ sign 803.129+/-0.134 χ^2/NDF: 1473505.2/26

All: 802.670+/-0.095 χ^2/NDF: 3437308.4/52

- sign 802.214+/-0.133 χ^2/NDF: 1963779.7/25

asym_atr1_mean vs Slug

Right In: 2269.723+/-1114.753 χ^2/NDF: 15.8/18

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: -2505.335+/-1030.682 χ^2/NDF: 13.8/21

Left In: -2659.828+/-693.121 χ^2/NDF:36.9/22

+ sign 2903.409+/-580.656 χ^2/NDF: 54.5/43

All: 119.628+/-408.630 χ^2/NDF: 150.7/88

- sign -2611.717+/-575.162 χ^2/NDF: 50.7/44

asym_atr1_rms vs Slug

Right In: 2951.994+/-0.788 χ^2/NDF: 686446.4/18

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

Right Out: 2983.986+/-0.729 χ^2/NDF: 259736.5/21

Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

+ sign 2921.657+/-0.411 χ^2/NDF: 724559.6/43

All: 2925.491+/-0.289 χ^2/NDF: 1023082.9/88

- sign 2929.252+/-0.407 χ^2/NDF: 298350.6/44

dit_asym_atr2_mean vs Slug

Right In: 3818.838+/-1071.784 χ^2/NDF: 11.1/18

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

Right Out: -1411.785+/-957.350 χ^2/NDF: 26.0/21

Left In: -3106.878+/-695.685 χ^2/NDF:18.4/22

+ sign 2091.233+/-576.975 χ^2/NDF: 32.8/43

All: -272.346+/-402.872 χ^2/NDF: 112.0/88

- sign -2521.095+/-562.785 χ^2/NDF: 46.5/44

dit_asym_atr2_rms vs Slug

Right In: 2827.487+/-0.758 χ^2/NDF: 747172.3/18

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2740.340+/-0.677 χ^2/NDF: 808051.3/21

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

+ sign 2887.658+/-0.408 χ^2/NDF: 1046956.5/43

All: 2867.196+/-0.285 χ^2/NDF: 2115979.8/88

- sign 2847.731+/-0.398 χ^2/NDF: 1064115.1/44

asym_atr2_correction_mean vs Slug

Right In: 13013.187+/-13341.671 χ^2/NDF: 0.0/1

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: 20167.069+/-9852.199 χ^2/NDF: 3.7/2

Left In: 25.729+/-2280.428 χ^2/NDF:16.1/22

+ sign 1247.392+/-2207.894 χ^2/NDF: 29.6/26

All: 1149.281+/-1566.072 χ^2/NDF: 53.3/52

- sign 1049.939+/-2221.690 χ^2/NDF: 23.8/25

asym_atr2_correction_rms vs Slug

Right In: 10303.604+/-9.434 χ^2/NDF: 4036.5/1

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 12266.101+/-6.967 χ^2/NDF: 32988.3/2

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

+ sign 9394.629+/-1.561 χ^2/NDF: 1196593.8/26

All: 9461.570+/-1.107 χ^2/NDF: 2601523.1/52

- sign 9529.350+/-1.571 χ^2/NDF: 1401229.3/25

asym_atr2_mean vs Slug

Right In: 5972.384+/-3304.233 χ^2/NDF: 16.5/18

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: -6286.341+/-3031.328 χ^2/NDF: 17.5/21

Left In: -2925.533+/-2330.587 χ^2/NDF:14.6/22

+ sign 1968.069+/-1882.647 χ^2/NDF: 44.5/43

All: -1160.659+/-1318.679 χ^2/NDF: 82.9/88

- sign -4174.093+/-1847.633 χ^2/NDF: 32.9/44

asym_atr2_rms vs Slug

Right In: 8672.304+/-2.336 χ^2/NDF: 853345.5/18

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8471.985+/-2.143 χ^2/NDF: 1441750.7/21

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

+ sign 9317.628+/-1.331 χ^2/NDF: 1970942.5/43

All: 9250.408+/-0.932 χ^2/NDF: 4679568.7/88

- sign 9185.666+/-1.306 χ^2/NDF: 2703620.7/44

dit_asym_sam1_mean vs Slug

Right In: 23.709+/-32.603 χ^2/NDF: 15.1/18

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: -12.468+/-32.015 χ^2/NDF: 22.3/21

Left In: 131.879+/-20.076 χ^2/NDF:17.8/22

+ sign -110.993+/-16.706 χ^2/NDF: 64.0/43

All: -11.744+/-11.918 χ^2/NDF: 190.5/88

- sign 91.139+/-17.009 χ^2/NDF: 54.6/44

dit_asym_sam1_rms vs Slug

Right In: 85.087+/-0.023 χ^2/NDF: 1077654.5/18

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 88.316+/-0.023 χ^2/NDF: 2137580.4/21

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

+ sign 83.641+/-0.012 χ^2/NDF: 1221727.5/43

All: 84.454+/-0.008 χ^2/NDF: 3490670.0/88

- sign 85.296+/-0.012 χ^2/NDF: 2259305.1/44

asym_sam1_correction_mean vs Slug

Right In: -204.607+/-903.388 χ^2/NDF: 0.1/1

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 25.710+/-589.121 χ^2/NDF: 3.3/2

Left In: 59.971+/-82.046 χ^2/NDF:38.0/22

+ sign -8.212+/-80.813 χ^2/NDF: 24.5/26

All: 25.367+/-57.301 χ^2/NDF: 66.2/52

- sign 59.320+/-81.262 χ^2/NDF: 41.3/25

asym_sam1_correction_rms vs Slug

Right In: 671.118+/-0.639 χ^2/NDF: 81322.8/1

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 663.949+/-0.417 χ^2/NDF: 572852.5/2

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

+ sign 346.241+/-0.057 χ^2/NDF: 913154.7/26

All: 346.107+/-0.041 χ^2/NDF: 2879730.1/52

- sign 345.971+/-0.057 χ^2/NDF: 1966564.3/25

asym_sam1_mean vs Slug

Right In: 149.067+/-175.867 χ^2/NDF: 13.0/18

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: -215.418+/-175.646 χ^2/NDF: 24.9/21

Left In: 56.402+/-82.155 χ^2/NDF:39.7/22

+ sign -96.661+/-73.584 χ^2/NDF: 37.3/43

All: -45.112+/-52.324 χ^2/NDF: 104.9/88

- sign 7.610+/-74.417 χ^2/NDF: 66.6/44

asym_sam1_rms vs Slug

Right In: 438.177+/-0.124 χ^2/NDF: 2235774.5/18

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 471.409+/-0.124 χ^2/NDF: 2850621.0/21

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

+ sign 360.291+/-0.052 χ^2/NDF: 3250537.9/43

All: 362.132+/-0.037 χ^2/NDF: 7751990.0/88

- sign 364.014+/-0.053 χ^2/NDF: 4498920.7/44

dit_asym_sam2_mean vs Slug

Right In: 359.996+/-135.871 χ^2/NDF: 10.6/18

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: -47.080+/-131.707 χ^2/NDF: 18.1/21

Left In: 152.030+/-72.312 χ^2/NDF:18.2/22

+ sign -115.851+/-62.673 χ^2/NDF: 55.1/43

All: -6.225+/-44.567 χ^2/NDF: 99.4/88

- sign 105.912+/-63.387 χ^2/NDF: 38.1/44

dit_asym_sam2_rms vs Slug

Right In: 360.193+/-0.096 χ^2/NDF: 639406.9/18

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 375.730+/-0.093 χ^2/NDF: 1063167.0/21

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

+ sign 313.563+/-0.044 χ^2/NDF: 1260833.0/43

All: 316.357+/-0.032 χ^2/NDF: 3058759.2/88

- sign 319.215+/-0.045 χ^2/NDF: 1789884.8/44

asym_sam2_correction_mean vs Slug

Right In: -2464.651+/-6948.113 χ^2/NDF: 0.0/1

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: -638.688+/-5294.343 χ^2/NDF: 3.5/2

Left In: 298.915+/-491.476 χ^2/NDF:35.0/22

+ sign -1152.726+/-478.809 χ^2/NDF: 41.3/26

All: -446.658+/-342.243 χ^2/NDF: 84.2/52

- sign 290.905+/-489.372 χ^2/NDF: 38.5/25

asym_sam2_correction_rms vs Slug

Right In: 5410.361+/-4.913 χ^2/NDF: 14433.8/1

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6448.302+/-3.744 χ^2/NDF: 239810.7/2

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

+ sign 2046.231+/-0.339 χ^2/NDF: 1188053.1/26

All: 2063.571+/-0.242 χ^2/NDF: 3375978.2/52

- sign 2081.685+/-0.346 χ^2/NDF: 2182562.0/25

asym_sam2_mean vs Slug

Right In: 2964.705+/-1411.426 χ^2/NDF: 17.4/18

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: 414.556+/-1448.274 χ^2/NDF: 18.8/21

Left In: -180.087+/-486.112 χ^2/NDF:32.9/22

+ sign 1148.042+/-449.712 χ^2/NDF: 57.5/43

All: 529.582+/-321.858 χ^2/NDF: 113.3/88

- sign -119.878+/-460.845 χ^2/NDF: 51.9/44

asym_sam2_rms vs Slug

Right In: 3650.359+/-0.998 χ^2/NDF: 1246180.6/18

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4067.258+/-1.024 χ^2/NDF: 1649490.8/21

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

+ sign 2175.539+/-0.318 χ^2/NDF: 4385869.5/43

All: 2201.171+/-0.228 χ^2/NDF: 10213722.6/8

- sign 2228.088+/-0.326 χ^2/NDF: 5814532.7/44

dit_asym_sam3_mean vs Slug

Right In: 85.665+/-51.552 χ^2/NDF: 12.0/18

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: -54.916+/-52.248 χ^2/NDF: 17.8/21

Left In: -82.630+/-24.154 χ^2/NDF:28.6/22

+ sign 49.140+/-21.031 χ^2/NDF: 51.7/43

All: -11.669+/-15.177 χ^2/NDF: 115.8/88

- sign -77.750+/-21.924 χ^2/NDF: 46.6/44

dit_asym_sam3_rms vs Slug

Right In: 129.283+/-0.036 χ^2/NDF: 1795749.7/18

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 138.373+/-0.037 χ^2/NDF: 2697407.0/21

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

+ sign 100.611+/-0.015 χ^2/NDF: 4334788.6/43

All: 102.569+/-0.011 χ^2/NDF: 9638177.5/88

- sign 104.696+/-0.016 χ^2/NDF: 5267234.6/44

asym_sam3_correction_mean vs Slug

Right In: -1117.930+/-3600.516 χ^2/NDF: 0.0/1

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 1647.839+/-2609.066 χ^2/NDF: 0.6/2

Left In: -53.006+/-184.870 χ^2/NDF:25.3/22

+ sign -833.323+/-183.721 χ^2/NDF: 68.8/26

All: -440.389+/-130.152 χ^2/NDF: 104.3/52

- sign -44.509+/-184.408 χ^2/NDF: 26.3/25

asym_sam3_correction_rms vs Slug

Right In: 2804.944+/-2.546 χ^2/NDF: 6836.0/1

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3287.487+/-1.845 χ^2/NDF: 33038.7/2

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

+ sign 763.936+/-0.130 χ^2/NDF: 3104898.4/26

All: 763.306+/-0.092 χ^2/NDF: 7206940.4/52

- sign 762.672+/-0.130 χ^2/NDF: 4101994.8/25

asym_sam3_mean vs Slug

Right In: 683.693+/-609.869 χ^2/NDF: 25.7/18

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: 960.044+/-586.479 χ^2/NDF: 12.9/21

Left In: -2.470+/-187.271 χ^2/NDF:25.6/22

+ sign 892.477+/-178.001 χ^2/NDF: 90.7/43

All: 490.428+/-126.006 χ^2/NDF: 141.9/88

- sign 86.589+/-178.397 χ^2/NDF: 41.0/44

asym_sam3_rms vs Slug

Right In: 1601.394+/-0.431 χ^2/NDF: 731499.4/18

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1658.603+/-0.415 χ^2/NDF: 1267851.3/21

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

+ sign 840.099+/-0.126 χ^2/NDF: 6413568.0/43

All: 841.589+/-0.089 χ^2/NDF: 13957841.1/88

- sign 843.086+/-0.126 χ^2/NDF: 7543992.0/44

dit_asym_sam4_mean vs Slug

Right In: 61.620+/-103.248 χ^2/NDF: 17.1/18

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: -258.937+/-95.527 χ^2/NDF: 14.9/21

Left In: -350.522+/-75.911 χ^2/NDF:27.4/22

+ sign 214.205+/-59.557 χ^2/NDF: 42.8/43

All: -50.995+/-42.069 χ^2/NDF: 125.2/88

- sign -315.074+/-59.431 χ^2/NDF: 42.8/44

dit_asym_sam4_rms vs Slug

Right In: 272.091+/-0.073 χ^2/NDF: 705904.7/18

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 267.450+/-0.068 χ^2/NDF: 1504482.6/21

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

+ sign 292.075+/-0.042 χ^2/NDF: 2415428.0/43

All: 292.684+/-0.030 χ^2/NDF: 5339379.6/88

- sign 293.291+/-0.042 χ^2/NDF: 2923533.6/44

asym_sam4_correction_mean vs Slug

Right In: -42.720+/-6416.931 χ^2/NDF: 0.1/1

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 1378.111+/-4812.127 χ^2/NDF: 2.1/2

Left In: -477.779+/-494.228 χ^2/NDF:23.1/22

+ sign -2312.466+/-484.655 χ^2/NDF: 50.0/26

All: -1398.705+/-345.147 χ^2/NDF: 82.5/52

- sign -458.407+/-491.642 χ^2/NDF: 25.3/25

asym_sam4_correction_rms vs Slug

Right In: 4949.826+/-4.537 χ^2/NDF: 31214.1/1

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5683.706+/-3.403 χ^2/NDF: 378154.9/2

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

+ sign 2068.929+/-0.343 χ^2/NDF: 1274666.7/26

All: 2079.456+/-0.244 χ^2/NDF: 3435619.9/52

- sign 2090.288+/-0.348 χ^2/NDF: 2159038.8/25

asym_sam4_mean vs Slug

Right In: 363.503+/-981.042 χ^2/NDF: 24.3/18

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: 1452.835+/-907.174 χ^2/NDF: 13.1/21

Left In: 132.307+/-489.752 χ^2/NDF:24.7/22

+ sign 2220.675+/-431.856 χ^2/NDF: 78.7/43

All: 1323.639+/-305.051 χ^2/NDF: 126.8/88

- sign 430.323+/-430.960 χ^2/NDF: 39.5/44

asym_sam4_rms vs Slug

Right In: 2532.063+/-0.694 χ^2/NDF: 1235108.5/18

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2482.076+/-0.641 χ^2/NDF: 2302034.1/21

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

+ sign 2129.306+/-0.305 χ^2/NDF: 2477633.8/43

All: 2131.324+/-0.216 χ^2/NDF: 5814849.2/88

- sign 2133.335+/-0.305 χ^2/NDF: 3337128.2/44

dit_asym_sam5_mean vs Slug

Right In: 17.065+/-45.308 χ^2/NDF: 12.7/18

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: -98.867+/-41.128 χ^2/NDF: 17.3/21

Left In: -193.004+/-41.384 χ^2/NDF:21.1/22

+ sign 109.682+/-30.029 χ^2/NDF: 47.1/43

All: -21.675+/-20.924 χ^2/NDF: 125.3/88

- sign -145.643+/-29.172 χ^2/NDF: 41.0/44

dit_asym_sam5_rms vs Slug

Right In: 116.234+/-0.032 χ^2/NDF: 1526560.8/18

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 113.690+/-0.029 χ^2/NDF: 2006097.1/21

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

+ sign 146.329+/-0.021 χ^2/NDF: 3763458.9/43

All: 144.460+/-0.015 χ^2/NDF: 8376384.4/88

- sign 142.696+/-0.021 χ^2/NDF: 4597866.3/44

asym_sam5_correction_mean vs Slug

Right In: 656.750+/-1576.256 χ^2/NDF: 0.1/1

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -526.287+/-1026.283 χ^2/NDF: 4.1/2

Left In: -223.332+/-243.771 χ^2/NDF:36.0/22

+ sign -388.516+/-237.534 χ^2/NDF: 19.6/26

All: -313.900+/-167.834 χ^2/NDF: 59.9/52

- sign -239.512+/-237.172 χ^2/NDF: 40.1/25

asym_sam5_correction_rms vs Slug

Right In: 1133.654+/-1.115 χ^2/NDF: 123583.4/1

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 1124.831+/-0.726 χ^2/NDF: 657385.0/2

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

+ sign 1022.726+/-0.168 χ^2/NDF: 503585.3/26

All: 1021.794+/-0.119 χ^2/NDF: 1587579.9/52

- sign 1020.865+/-0.168 χ^2/NDF: 1083933.1/25

asym_sam5_mean vs Slug

Right In: -175.091+/-306.465 χ^2/NDF: 16.4/18

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: 476.797+/-272.408 χ^2/NDF: 26.2/21

Left In: 42.397+/-239.278 χ^2/NDF:37.9/22

+ sign 299.677+/-186.776 χ^2/NDF: 38.6/43

All: 264.333+/-129.524 χ^2/NDF: 104.2/88

- sign 231.588+/-179.774 χ^2/NDF: 65.5/44

asym_sam5_rms vs Slug

Right In: 771.130+/-0.217 χ^2/NDF: 1942988.3/18

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 731.972+/-0.193 χ^2/NDF: 2651713.7/21

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

+ sign 915.765+/-0.132 χ^2/NDF: 3021968.4/43

All: 897.604+/-0.092 χ^2/NDF: 7191820.2/88

- sign 880.778+/-0.127 χ^2/NDF: 4133421.3/44

dit_asym_sam6_mean vs Slug

Right In: -36.794+/-47.926 χ^2/NDF: 20.4/18

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: 3.707+/-44.431 χ^2/NDF: 15.2/21

Left In: -312.097+/-41.646 χ^2/NDF:26.9/22

+ sign 171.049+/-30.627 χ^2/NDF: 73.5/43

All: 1.994+/-21.570 χ^2/NDF: 203.0/88

- sign -164.406+/-30.385 χ^2/NDF: 69.0/44

dit_asym_sam6_rms vs Slug

Right In: 123.108+/-0.034 χ^2/NDF: 1408690.4/18

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 122.392+/-0.031 χ^2/NDF: 2102230.5/21

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

+ sign 150.514+/-0.022 χ^2/NDF: 2900623.4/43

All: 150.145+/-0.015 χ^2/NDF: 6723022.3/88

- sign 149.783+/-0.021 χ^2/NDF: 3821824.4/44

asym_sam6_correction_mean vs Slug

Right In: 1602.819+/-2949.160 χ^2/NDF: 0.0/1

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -259.368+/-2041.733 χ^2/NDF: 3.1/2

Left In: -212.007+/-257.383 χ^2/NDF:36.0/22

+ sign 365.569+/-250.031 χ^2/NDF: 33.5/26

All: 82.511+/-178.654 χ^2/NDF: 75.3/52

- sign -212.748+/-255.362 χ^2/NDF: 39.1/25

asym_sam6_correction_rms vs Slug

Right In: 2244.762+/-2.085 χ^2/NDF: 33598.0/1

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 2397.669+/-1.444 χ^2/NDF: 442013.9/2

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

+ sign 1073.349+/-0.177 χ^2/NDF: 845035.9/26

All: 1082.209+/-0.126 χ^2/NDF: 2694180.7/52

- sign 1091.451+/-0.181 χ^2/NDF: 1844013.7/25

asym_sam6_mean vs Slug

Right In: -309.136+/-249.106 χ^2/NDF: 17.0/18

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: 102.391+/-244.245 χ^2/NDF: 25.3/21

Left In: -110.879+/-254.337 χ^2/NDF:35.2/22

+ sign -198.572+/-175.492 χ^2/NDF: 48.4/43

All: -99.632+/-124.330 χ^2/NDF: 109.8/88

- sign 0.071+/-176.167 χ^2/NDF: 60.9/44

asym_sam6_rms vs Slug

Right In: 576.259+/-0.176 χ^2/NDF: 3935183.6/18

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 610.873+/-0.173 χ^2/NDF: 4822618.8/21

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

+ sign 815.343+/-0.124 χ^2/NDF: 8076252.4/43

All: 820.384+/-0.088 χ^2/NDF: 16652306.8/88

- sign 825.464+/-0.125 χ^2/NDF: 8572741.7/44

dit_asym_sam7_mean vs Slug

Right In: -76.789+/-33.906 χ^2/NDF: 9.4/18

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: 14.089+/-31.491 χ^2/NDF: 36.1/21

Left In: -111.732+/-21.971 χ^2/NDF:30.7/22

+ sign 45.362+/-18.027 χ^2/NDF: 50.2/43

All: -12.614+/-12.744 χ^2/NDF: 148.5/88

- sign -70.538+/-18.019 χ^2/NDF: 77.6/44

dit_asym_sam7_rms vs Slug

Right In: 89.880+/-0.024 χ^2/NDF: 544147.1/18

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 90.497+/-0.022 χ^2/NDF: 752574.2/21

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

+ sign 89.126+/-0.013 χ^2/NDF: 1546173.6/43

All: 89.623+/-0.009 χ^2/NDF: 3176336.0/88

- sign 90.118+/-0.013 χ^2/NDF: 1627133.7/44

asym_sam7_correction_mean vs Slug

Right In: 213.608+/-1414.891 χ^2/NDF: 0.0/1

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 167.274+/-1018.529 χ^2/NDF: 0.0/2

Left In: -41.244+/-78.858 χ^2/NDF:28.0/22

+ sign -311.877+/-77.219 χ^2/NDF: 58.2/26

All: -178.387+/-55.092 χ^2/NDF: 92.4/52

- sign -40.001+/-78.622 χ^2/NDF: 28.1/25

asym_sam7_correction_rms vs Slug

Right In: 1088.876+/-1.000 χ^2/NDF: 19217.7/1

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1274.179+/-0.720 χ^2/NDF: 17821.2/2

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

+ sign 327.706+/-0.055 χ^2/NDF: 1600747.4/26

All: 329.894+/-0.039 χ^2/NDF: 4184049.8/52

- sign 332.163+/-0.056 χ^2/NDF: 2580030.6/25

asym_sam7_mean vs Slug

Right In: 80.950+/-141.955 χ^2/NDF: 20.7/18

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: 278.243+/-128.548 χ^2/NDF: 10.8/21

Left In: -87.657+/-76.572 χ^2/NDF:27.4/22

+ sign 336.541+/-66.127 χ^2/NDF: 77.9/43

All: 171.504+/-46.637 χ^2/NDF: 134.4/88

- sign 8.170+/-65.785 χ^2/NDF: 44.2/44

asym_sam7_rms vs Slug

Right In: 346.957+/-0.100 χ^2/NDF: 2652462.8/18

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 324.521+/-0.091 χ^2/NDF: 4497078.7/21

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

+ sign 321.469+/-0.047 χ^2/NDF: 3847056.9/43

All: 320.070+/-0.033 χ^2/NDF: 9281149.0/88

- sign 318.686+/-0.047 χ^2/NDF: 5432312.9/44

dit_asym_sam8_mean vs Slug

Right In: -198.799+/-29.612 χ^2/NDF: 19.2/18

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: 102.435+/-27.725 χ^2/NDF: 41.0/21

Left In: 179.154+/-19.112 χ^2/NDF:23.9/22

+ sign -199.405+/-15.660 χ^2/NDF: 39.4/43

All: -23.328+/-11.100 χ^2/NDF: 363.4/88

- sign 154.441+/-15.735 χ^2/NDF: 70.0/44

dit_asym_sam8_rms vs Slug

Right In: 78.000+/-0.021 χ^2/NDF: 676162.8/18

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 78.552+/-0.020 χ^2/NDF: 1179565.4/21

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

+ sign 76.475+/-0.011 χ^2/NDF: 2236027.7/43

All: 77.012+/-0.008 χ^2/NDF: 4847119.4/88

- sign 77.554+/-0.011 χ^2/NDF: 2606370.8/44

asym_sam8_correction_mean vs Slug

Right In: 137.040+/-1126.747 χ^2/NDF: 0.1/1

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: -324.537+/-796.103 χ^2/NDF: 2.5/2

Left In: -52.759+/-67.539 χ^2/NDF:24.9/22

+ sign -304.176+/-65.217 χ^2/NDF: 55.1/26

All: -183.354+/-46.834 χ^2/NDF: 89.7/52

- sign -54.701+/-67.297 χ^2/NDF: 27.5/25

asym_sam8_correction_rms vs Slug

Right In: 870.487+/-0.797 χ^2/NDF: 8938.0/1

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 972.488+/-0.563 χ^2/NDF: 164858.9/2

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

+ sign 277.893+/-0.046 χ^2/NDF: 1317120.1/26

All: 281.612+/-0.033 χ^2/NDF: 3582557.2/52

- sign 285.572+/-0.048 χ^2/NDF: 2252006.3/25

asym_sam8_mean vs Slug

Right In: -56.187+/-90.084 χ^2/NDF: 16.7/18

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: 165.220+/-76.550 χ^2/NDF: 14.0/21

Left In: 207.047+/-65.246 χ^2/NDF:27.8/22

+ sign 63.039+/-51.578 χ^2/NDF: 68.3/43

All: 128.642+/-35.773 χ^2/NDF: 113.3/88

- sign 189.447+/-49.657 χ^2/NDF: 41.9/44

asym_sam8_rms vs Slug

Right In: 205.192+/-0.064 χ^2/NDF: 4171190.9/18

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 179.154+/-0.054 χ^2/NDF: 6280581.0/21

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

+ sign 246.481+/-0.036 χ^2/NDF: 5435466.5/43

All: 239.284+/-0.025 χ^2/NDF: 14006012.8/88

- sign 232.614+/-0.035 χ^2/NDF: 8495516.6/44

dit_asym_sam_15_avg_mean vs Slug

Right In: 9.871+/-102.450 χ^2/NDF: 0.2/1

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: -70.898+/-63.205 χ^2/NDF: 0.6/2

Left In: -30.236+/-17.031 χ^2/NDF:21.9/22

+ sign 9.765+/-16.255 χ^2/NDF: 26.2/26

All: -11.364+/-11.560 χ^2/NDF: 52.4/52

- sign -32.988+/-16.444 χ^2/NDF: 22.8/25

dit_asym_sam_15_avg_rms vs Slug

Right In: 79.321+/-0.072 χ^2/NDF: 31181.4/1

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 71.454+/-0.045 χ^2/NDF: 646003.4/2

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

+ sign 69.488+/-0.011 χ^2/NDF: 1056001.9/26

All: 69.938+/-0.008 χ^2/NDF: 2567814.5/52

- sign 70.399+/-0.012 χ^2/NDF: 1508706.6/25

asym_sam_15_avg_correction_mean vs Slug

Right In: 203.902+/-441.712 χ^2/NDF: 0.1/1

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: -197.677+/-285.835 χ^2/NDF: 4.1/2

Left In: -88.062+/-84.309 χ^2/NDF:33.5/22

+ sign -197.431+/-81.363 χ^2/NDF: 20.3/26

All: -146.824+/-57.356 χ^2/NDF: 58.8/52

- sign -96.835+/-80.865 χ^2/NDF: 37.7/25

asym_sam_15_avg_correction_rms vs Slug

Right In: 317.092+/-0.312 χ^2/NDF: 128573.2/1

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 312.838+/-0.202 χ^2/NDF: 679668.0/2

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

+ sign 349.637+/-0.058 χ^2/NDF: 646086.4/26

All: 348.761+/-0.041 χ^2/NDF: 1783793.2/52

- sign 347.895+/-0.057 χ^2/NDF: 1137245.2/25

asym_sam_15_avg_mean vs Slug

Right In: -105.186+/-441.657 χ^2/NDF: 0.0/1

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: 135.851+/-290.597 χ^2/NDF: 3.3/2

Left In: 61.730+/-82.841 χ^2/NDF:34.9/22

+ sign 204.729+/-79.895 χ^2/NDF: 20.1/26

All: 135.819+/-56.413 χ^2/NDF: 59.9/52

- sign 67.301+/-79.667 χ^2/NDF: 38.3/25

asym_sam_15_avg_rms vs Slug

Right In: 316.704+/-0.312 χ^2/NDF: 130838.0/1

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 318.322+/-0.205 χ^2/NDF: 676074.0/2

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

+ sign 343.532+/-0.056 χ^2/NDF: 626848.8/26

All: 343.019+/-0.040 χ^2/NDF: 1751469.6/52

- sign 342.509+/-0.056 χ^2/NDF: 1124456.7/25

dit_asym_sam_26_avg_mean vs Slug

Right In: -134.802+/-327.618 χ^2/NDF: 0.1/1

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 14.927+/-207.633 χ^2/NDF: 0.9/2

Left In: -62.310+/-27.398 χ^2/NDF:22.0/22

+ sign 21.160+/-26.200 χ^2/NDF: 28.4/26

All: -18.432+/-18.857 χ^2/NDF: 56.2/52

- sign -60.988+/-27.163 χ^2/NDF: 23.0/25

dit_asym_sam_26_avg_rms vs Slug

Right In: 255.444+/-0.232 χ^2/NDF: 384.6/1

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 242.691+/-0.147 χ^2/NDF: 443968.1/2

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

+ sign 110.883+/-0.019 χ^2/NDF: 1532920.7/26

All: 112.811+/-0.013 χ^2/NDF: 3606182.4/52

- sign 114.882+/-0.019 χ^2/NDF: 2050800.4/25

asym_sam_26_avg_correction_mean vs Slug

Right In: -411.241+/-2027.415 χ^2/NDF: 0.0/1

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: -623.291+/-1588.593 χ^2/NDF: 3.0/2

Left In: 9.462+/-112.340 χ^2/NDF:32.5/22

+ sign -319.662+/-110.143 χ^2/NDF: 51.5/26

All: -159.488+/-78.552 χ^2/NDF: 91.5/52

- sign 6.313+/-112.060 χ^2/NDF: 35.7/25

asym_sam_26_avg_correction_rms vs Slug

Right In: 1585.795+/-1.434 χ^2/NDF: 13378.3/1

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1989.499+/-1.123 χ^2/NDF: 71990.6/2

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

+ sign 453.714+/-0.078 χ^2/NDF: 3735250.2/26

All: 456.970+/-0.056 χ^2/NDF: 8259243.2/52

- sign 460.341+/-0.079 χ^2/NDF: 4520435.2/25

asym_sam_26_avg_mean vs Slug

Right In: 658.374+/-2151.739 χ^2/NDF: 0.0/1

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: 727.324+/-1558.715 χ^2/NDF: 2.8/2

Left In: -99.475+/-111.475 χ^2/NDF:32.1/22

+ sign 338.780+/-109.688 χ^2/NDF: 48.6/26

All: 124.710+/-78.087 χ^2/NDF: 91.4/52

- sign -95.268+/-111.191 χ^2/NDF: 35.1/25

asym_sam_26_avg_rms vs Slug

Right In: 1682.123+/-1.522 χ^2/NDF: 11838.2/1

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1932.238+/-1.102 χ^2/NDF: 91953.8/2

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

+ sign 451.603+/-0.078 χ^2/NDF: 3744801.1/26

All: 453.668+/-0.055 χ^2/NDF: 8205282.7/52

- sign 455.790+/-0.079 χ^2/NDF: 4459044.0/25

dit_asym_sam_37_avg_mean vs Slug

Right In: 8.145+/-264.660 χ^2/NDF: 0.0/1

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 23.521+/-176.766 χ^2/NDF: 0.8/2

Left In: -91.028+/-19.637 χ^2/NDF:32.6/22

+ sign 63.863+/-18.681 χ^2/NDF: 33.8/26

All: -9.525+/-13.495 χ^2/NDF: 100.0/52

- sign -89.632+/-19.517 χ^2/NDF: 33.9/25

dit_asym_sam_37_avg_rms vs Slug

Right In: 206.157+/-0.187 χ^2/NDF: 7817.8/1

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 217.843+/-0.125 χ^2/NDF: 122853.6/2

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

+ sign 77.922+/-0.013 χ^2/NDF: 2033111.2/26

All: 79.479+/-0.010 χ^2/NDF: 4729045.7/52

- sign 81.178+/-0.014 χ^2/NDF: 2666878.0/25

asym_sam_37_avg_correction_mean vs Slug

Right In: -405.921+/-2558.507 χ^2/NDF: 0.0/1

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 1000.194+/-1809.389 χ^2/NDF: 0.4/2

Left In: -50.077+/-129.187 χ^2/NDF:26.1/22

+ sign -571.254+/-127.997 χ^2/NDF: 66.8/26

All: -309.767+/-90.811 χ^2/NDF: 102.1/52

- sign -44.750+/-128.859 χ^2/NDF: 26.9/25

asym_sam_37_avg_correction_rms vs Slug

Right In: 2003.717+/-1.809 χ^2/NDF: 6780.8/1

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2280.413+/-1.279 χ^2/NDF: 20160.7/2

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

+ sign 535.327+/-0.091 χ^2/NDF: 2705516.8/26

All: 535.698+/-0.064 χ^2/NDF: 6407347.6/52

- sign 536.074+/-0.091 χ^2/NDF: 3701796.9/25

asym_sam_37_avg_mean vs Slug

Right In: 377.408+/-2559.931 χ^2/NDF: 0.0/1

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -872.787+/-1778.756 χ^2/NDF: 0.7/2

Left In: -43.183+/-129.538 χ^2/NDF:26.0/22

+ sign 658.818+/-128.004 χ^2/NDF: 62.4/26

All: 308.902+/-90.931 χ^2/NDF: 104.4/52

- sign -47.559+/-129.196 χ^2/NDF: 26.9/25

asym_sam_37_avg_rms vs Slug

Right In: 2003.685+/-1.810 χ^2/NDF: 8233.9/1

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2228.202+/-1.258 χ^2/NDF: 25933.8/2

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

+ sign 536.071+/-0.091 χ^2/NDF: 2610299.0/26

All: 536.745+/-0.064 χ^2/NDF: 6165012.9/52

- sign 537.431+/-0.091 χ^2/NDF: 3554602.0/25

dit_asym_sam_48_avg_mean vs Slug

Right In: -110.463+/-302.562 χ^2/NDF: 0.2/1

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: -76.213+/-196.291 χ^2/NDF: 0.2/2

Left In: -88.356+/-43.518 χ^2/NDF:26.4/22

+ sign 42.754+/-41.386 χ^2/NDF: 22.4/26

All: -20.804+/-29.646 χ^2/NDF: 53.8/52

- sign -87.787+/-42.487 χ^2/NDF: 26.5/25

dit_asym_sam_48_avg_rms vs Slug

Right In: 236.434+/-0.214 χ^2/NDF: 13020.6/1

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 228.523+/-0.139 χ^2/NDF: 482960.4/2

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

+ sign 173.301+/-0.029 χ^2/NDF: 1854259.3/26

All: 176.010+/-0.021 χ^2/NDF: 3849723.3/52

- sign 178.866+/-0.030 χ^2/NDF: 1977857.0/25

asym_sam_48_avg_correction_mean vs Slug

Right In: -74.393+/-3712.128 χ^2/NDF: 0.0/1

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 1026.420+/-2766.402 χ^2/NDF: 1.9/2

Left In: -276.678+/-270.547 χ^2/NDF:22.0/22

+ sign -1317.984+/-265.270 χ^2/NDF: 53.8/26

All: -799.027+/-188.970 χ^2/NDF: 85.6/52

- sign -264.333+/-269.262 χ^2/NDF: 24.1/25

asym_sam_48_avg_correction_rms vs Slug

Right In: 2879.819+/-2.625 χ^2/NDF: 21672.5/1

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 3307.058+/-1.956 χ^2/NDF: 314713.9/2

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

+ sign 1131.993+/-0.188 χ^2/NDF: 1309726.6/26

All: 1137.827+/-0.134 χ^2/NDF: 3550808.3/52

- sign 1143.837+/-0.190 χ^2/NDF: 2239117.9/25

asym_sam_48_avg_mean vs Slug

Right In: 168.338+/-3756.585 χ^2/NDF: 0.0/1

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -1022.534+/-2749.843 χ^2/NDF: 2.1/2

Left In: 183.249+/-267.620 χ^2/NDF:23.7/22

+ sign 1398.754+/-261.878 χ^2/NDF: 53.3/26

All: 795.756+/-186.741 χ^2/NDF: 90.0/52

- sign 171.936+/-266.362 χ^2/NDF: 26.0/25

asym_sam_48_avg_rms vs Slug

Right In: 2911.294+/-2.656 χ^2/NDF: 23729.3/1

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 3280.050+/-1.944 χ^2/NDF: 315623.4/2

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

+ sign 1118.330+/-0.185 χ^2/NDF: 1294514.9/26

All: 1124.322+/-0.132 χ^2/NDF: 3519156.0/52

- sign 1130.522+/-0.188 χ^2/NDF: 2222510.7/25

dit_asym_sam_15_dd_mean vs Slug

Right In: -38.675+/-129.729 χ^2/NDF: 1.2/1

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: 87.907+/-84.439 χ^2/NDF: 1.6/2

Left In: 159.044+/-27.608 χ^2/NDF:21.1/22

+ sign -166.921+/-26.161 χ^2/NDF: 29.4/26

All: -7.863+/-18.527 χ^2/NDF: 126.9/52

- sign 152.174+/-26.241 χ^2/NDF: 23.3/25

dit_asym_sam_15_dd_rms vs Slug

Right In: 102.104+/-0.092 χ^2/NDF: 6685.3/1

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 100.170+/-0.060 χ^2/NDF: 408535.0/2

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

+ sign 113.254+/-0.018 χ^2/NDF: 414241.5/26

All: 113.580+/-0.013 χ^2/NDF: 1191032.9/52

- sign 113.908+/-0.019 χ^2/NDF: 776169.2/25

asym_sam_15_dd_correction_mean vs Slug

Right In: -435.442+/-1211.347 χ^2/NDF: 0.1/1

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 269.478+/-789.268 χ^2/NDF: 3.8/2

Left In: 140.039+/-161.024 χ^2/NDF:36.9/22

+ sign 191.658+/-157.677 χ^2/NDF: 20.1/26

All: 168.449+/-111.529 χ^2/NDF: 60.9/52

- sign 145.211+/-157.774 χ^2/NDF: 40.7/25

asym_sam_15_dd_correction_rms vs Slug

Right In: 878.848+/-0.857 χ^2/NDF: 112685.6/1

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 872.227+/-0.558 χ^2/NDF: 630107.8/2

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

+ sign 678.783+/-0.111 χ^2/NDF: 526894.9/26

All: 678.402+/-0.079 χ^2/NDF: 1747240.7/52

- sign 678.021+/-0.112 χ^2/NDF: 1220322.5/25

asym_sam_15_dd_mean vs Slug

Right In: 483.710+/-1207.161 χ^2/NDF: 0.1/1

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -132.630+/-783.689 χ^2/NDF: 3.4/2

Left In: 11.243+/-158.497 χ^2/NDF:38.8/22

+ sign -351.394+/-155.007 χ^2/NDF: 19.3/26

All: -173.299+/-109.728 χ^2/NDF: 64.2/52

- sign 5.590+/-155.352 χ^2/NDF: 42.3/25

asym_sam_15_dd_rms vs Slug

Right In: 876.288+/-0.854 χ^2/NDF: 112659.5/1

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 865.479+/-0.554 χ^2/NDF: 631254.9/2

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

+ sign 668.108+/-0.110 χ^2/NDF: 530101.7/26

All: 667.722+/-0.078 χ^2/NDF: 1767207.6/52

- sign 667.335+/-0.110 χ^2/NDF: 1237081.1/25

dit_asym_sam_26_dd_mean vs Slug

Right In: 198.122+/-268.811 χ^2/NDF: 1.7/1

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 100.014+/-171.797 χ^2/NDF: 1.9/2

Left In: 223.195+/-51.742 χ^2/NDF:20.8/22

+ sign -259.279+/-49.669 χ^2/NDF: 32.0/26

All: -22.565+/-35.077 χ^2/NDF: 100.4/52

- sign 212.950+/-49.543 χ^2/NDF: 23.1/25

dit_asym_sam_26_dd_rms vs Slug

Right In: 211.895+/-0.190 χ^2/NDF: 1766.1/1

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 215.145+/-0.121 χ^2/NDF: 96629.5/2

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

+ sign 215.824+/-0.035 χ^2/NDF: 146943.7/26

All: 216.254+/-0.025 χ^2/NDF: 376565.4/52

- sign 216.682+/-0.035 χ^2/NDF: 229322.9/25

asym_sam_26_dd_correction_mean vs Slug

Right In: -2057.668+/-4938.737 χ^2/NDF: 0.0/1

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: -111.498+/-3675.384 χ^2/NDF: 3.3/2

Left In: 261.815+/-376.203 χ^2/NDF:35.4/22

+ sign -786.166+/-365.956 χ^2/NDF: 38.5/26

All: -275.805+/-261.652 χ^2/NDF: 81.3/52

- sign 257.944+/-374.247 χ^2/NDF: 38.8/25

asym_sam_26_dd_correction_rms vs Slug

Right In: 3826.530+/-3.492 χ^2/NDF: 18050.9/1

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 4426.931+/-2.599 χ^2/NDF: 304290.3/2

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

+ sign 1571.952+/-0.259 χ^2/NDF: 816313.1/26

All: 1585.637+/-0.185 χ^2/NDF: 2651390.3/52

- sign 1599.949+/-0.265 χ^2/NDF: 1829355.4/25

asym_sam_26_dd_mean vs Slug

Right In: 2159.443+/-4946.996 χ^2/NDF: 0.0/1

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: 352.635+/-3654.866 χ^2/NDF: 3.2/2

Left In: -43.949+/-371.765 χ^2/NDF:33.5/22

+ sign 558.673+/-361.205 χ^2/NDF: 35.7/26

All: 266.475+/-258.415 χ^2/NDF: 73.8/52

- sign -39.888+/-369.857 χ^2/NDF: 36.8/25

asym_sam_26_dd_rms vs Slug

Right In: 3836.628+/-3.498 χ^2/NDF: 18089.9/1

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 4398.963+/-2.584 χ^2/NDF: 307000.0/2

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

+ sign 1553.386+/-0.255 χ^2/NDF: 828491.4/26

All: 1566.691+/-0.183 χ^2/NDF: 2681594.4/52

- sign 1580.641+/-0.262 χ^2/NDF: 1847544.4/25

dit_asym_sam_37_dd_mean vs Slug

Right In: 352.392+/-200.009 χ^2/NDF: 0.3/1

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 33.231+/-114.980 χ^2/NDF: 2.1/2

Left In: 15.058+/-12.921 χ^2/NDF:23.8/22

+ sign -22.655+/-12.500 χ^2/NDF: 34.5/26

All: -4.194+/-8.957 χ^2/NDF: 64.9/52

- sign 15.285+/-12.840 χ^2/NDF: 25.9/25

dit_asym_sam_37_dd_rms vs Slug

Right In: 153.013+/-0.141 χ^2/NDF: 30451.8/1

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 140.526+/-0.081 χ^2/NDF: 156098.2/2

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

+ sign 53.333+/-0.009 χ^2/NDF: 1042309.2/26

All: 53.852+/-0.006 χ^2/NDF: 2986052.2/52

- sign 54.400+/-0.009 χ^2/NDF: 1936656.0/25

asym_sam_37_dd_correction_mean vs Slug

Right In: -655.891+/-952.310 χ^2/NDF: 0.0/1

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 561.780+/-791.092 χ^2/NDF: 1.0/2

Left In: -7.535+/-60.328 χ^2/NDF:22.9/22

+ sign -272.775+/-60.164 χ^2/NDF: 67.8/26

All: -138.484+/-42.539 χ^2/NDF: 102.1/52

- sign -4.243+/-60.153 χ^2/NDF: 24.3/25

asym_sam_37_dd_correction_rms vs Slug

Right In: 703.108+/-0.673 χ^2/NDF: 24167.6/1

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 987.121+/-0.559 χ^2/NDF: 96132.5/2

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

+ sign 248.985+/-0.043 χ^2/NDF: 3334091.6/26

All: 248.238+/-0.030 χ^2/NDF: 7760461.2/52

- sign 247.490+/-0.043 χ^2/NDF: 4425751.7/25

asym_sam_37_dd_mean vs Slug

Right In: 886.689+/-1010.251 χ^2/NDF: 0.0/1

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -489.102+/-762.073 χ^2/NDF: 1.5/2

Left In: 40.015+/-61.495 χ^2/NDF:25.0/22

+ sign 260.364+/-61.374 χ^2/NDF: 65.4/26

All: 148.336+/-43.370 χ^2/NDF: 99.1/52

- sign 36.592+/-61.296 χ^2/NDF: 27.0/25

asym_sam_37_dd_rms vs Slug

Right In: 773.595+/-0.714 χ^2/NDF: 16103.5/1

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 935.936+/-0.539 χ^2/NDF: 149444.1/2

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

+ sign 254.643+/-0.043 χ^2/NDF: 3194605.7/26

All: 253.505+/-0.031 χ^2/NDF: 7339757.3/52

- sign 252.370+/-0.043 χ^2/NDF: 4143777.8/25

dit_asym_sam_48_dd_mean vs Slug

Right In: 110.914+/-230.447 χ^2/NDF: 0.5/1

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: -101.780+/-156.592 χ^2/NDF: 0.1/2

Left In: -260.749+/-33.988 χ^2/NDF:28.5/22

+ sign 240.820+/-32.413 χ^2/NDF: 24.2/26

All: -0.349+/-23.198 χ^2/NDF: 167.3/52

- sign -253.597+/-33.215 χ^2/NDF: 29.6/25

dit_asym_sam_48_dd_rms vs Slug

Right In: 178.676+/-0.163 χ^2/NDF: 21638.0/1

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 182.825+/-0.111 χ^2/NDF: 448569.5/2

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

+ sign 137.859+/-0.023 χ^2/NDF: 1286027.3/26

All: 139.827+/-0.016 χ^2/NDF: 2730923.8/52

- sign 141.894+/-0.023 χ^2/NDF: 1429779.9/25

asym_sam_48_dd_correction_mean vs Slug

Right In: 148.616+/-2719.680 χ^2/NDF: 0.1/1

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 333.892+/-2049.361 χ^2/NDF: 2.3/2

Left In: -198.654+/-225.997 χ^2/NDF:24.6/22

+ sign -996.706+/-221.647 χ^2/NDF: 45.0/26

All: -599.867+/-157.774 χ^2/NDF: 78.5/52

- sign -192.256+/-224.636 χ^2/NDF: 27.1/25

asym_sam_48_dd_correction_rms vs Slug

Right In: 2077.746+/-1.923 χ^2/NDF: 46176.8/1

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2388.837+/-1.449 χ^2/NDF: 441729.7/2

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

+ sign 946.552+/-0.157 χ^2/NDF: 1222884.1/26

All: 951.300+/-0.112 χ^2/NDF: 3267195.3/52

- sign 956.178+/-0.159 χ^2/NDF: 2042450.4/25

asym_sam_48_dd_mean vs Slug

Right In: -45.183+/-2743.608 χ^2/NDF: 0.2/1

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -303.935+/-2027.184 χ^2/NDF: 2.5/2

Left In: -53.940+/-224.371 χ^2/NDF:26.4/22

+ sign 1256.522+/-219.916 χ^2/NDF: 46.0/26

All: 608.951+/-156.586 χ^2/NDF: 92.5/52

- sign -56.965+/-223.009 χ^2/NDF: 28.9/25

asym_sam_48_dd_rms vs Slug

Right In: 2092.722+/-1.940 χ^2/NDF: 49700.8/1

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2351.475+/-1.433 χ^2/NDF: 449909.4/2

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

+ sign 939.627+/-0.156 χ^2/NDF: 1233996.9/26

All: 943.778+/-0.111 χ^2/NDF: 3277650.3/52

- sign 948.046+/-0.158 χ^2/NDF: 2042208.1/25

dit_asym_sam_13_57_dd_mean vs Slug

Right In: 122.727+/-113.805 χ^2/NDF: 2.0/1

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 37.572+/-68.432 χ^2/NDF: 2.1/2

Left In: 93.899+/-15.039 χ^2/NDF:19.3/22

+ sign -95.010+/-14.408 χ^2/NDF: 41.0/26

All: -3.648+/-10.286 χ^2/NDF: 144.9/52

- sign 91.304+/-14.688 χ^2/NDF: 22.0/25

dit_asym_sam_13_57_dd_rms vs Slug

Right In: 88.717+/-0.080 χ^2/NDF: 5876.3/1

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 83.793+/-0.048 χ^2/NDF: 175155.3/2

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

+ sign 62.258+/-0.010 χ^2/NDF: 429318.7/26

All: 63.011+/-0.007 χ^2/NDF: 981698.7/52

- sign 63.793+/-0.010 χ^2/NDF: 541245.6/25

asym_sam_13_57_dd_correction_mean vs Slug

Right In: -593.026+/-973.052 χ^2/NDF: 0.0/1

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 150.174+/-696.732 χ^2/NDF: 3.1/2

Left In: 73.914+/-84.652 χ^2/NDF:36.4/22

+ sign -98.492+/-82.551 χ^2/NDF: 31.8/26

All: -13.279+/-58.890 χ^2/NDF: 73.5/52

- sign 75.024+/-84.034 χ^2/NDF: 39.5/25

asym_sam_13_57_dd_correction_rms vs Slug

Right In: 739.252+/-0.688 χ^2/NDF: 44151.4/1

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 811.068+/-0.493 χ^2/NDF: 482997.8/2

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

+ sign 355.187+/-0.058 χ^2/NDF: 776495.2/26

All: 357.481+/-0.042 χ^2/NDF: 2435574.5/52

- sign 359.858+/-0.059 χ^2/NDF: 1655934.8/25

asym_sam_13_57_dd_mean vs Slug

Right In: 595.036+/-966.843 χ^2/NDF: 0.0/1

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -31.955+/-672.089 χ^2/NDF: 2.9/2

Left In: 31.531+/-81.476 χ^2/NDF:34.8/22

+ sign -8.415+/-79.712 χ^2/NDF: 27.8/26

All: 10.814+/-56.775 χ^2/NDF: 65.6/52

- sign 30.612+/-80.884 χ^2/NDF: 37.7/25

asym_sam_13_57_dd_rms vs Slug

Right In: 736.292+/-0.684 χ^2/NDF: 44998.8/1

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 775.098+/-0.475 χ^2/NDF: 514893.1/2

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

+ sign 342.712+/-0.056 χ^2/NDF: 844037.0/26

All: 344.272+/-0.040 χ^2/NDF: 2565996.6/52

- sign 345.879+/-0.057 χ^2/NDF: 1720404.3/25

dit_asym_sam_15_37_dd_mean vs Slug

Right In: -1.077+/-124.953 χ^2/NDF: 0.0/1

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: -67.481+/-87.119 χ^2/NDF: 0.4/2

Left In: 31.144+/-10.958 χ^2/NDF:23.4/22

+ sign -32.737+/-10.540 χ^2/NDF: 48.1/26

All: -2.531+/-7.568 χ^2/NDF: 90.1/52

- sign 29.608+/-10.872 χ^2/NDF: 25.1/25

dit_asym_sam_15_37_dd_rms vs Slug

Right In: 97.625+/-0.088 χ^2/NDF: 1538.5/1

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 101.250+/-0.062 χ^2/NDF: 472919.8/2

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

+ sign 45.237+/-0.007 χ^2/NDF: 771142.1/26

All: 45.769+/-0.005 χ^2/NDF: 2518838.6/52

- sign 46.334+/-0.008 χ^2/NDF: 1737210.6/25

asym_sam_15_37_dd_correction_mean vs Slug

Right In: 282.429+/-1265.531 χ^2/NDF: 0.0/1

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: 351.852+/-922.252 χ^2/NDF: 2.7/2

Left In: -10.801+/-72.300 χ^2/NDF:30.2/22

+ sign 193.226+/-70.857 χ^2/NDF: 45.8/26

All: 94.046+/-50.530 χ^2/NDF: 82.9/52

- sign -8.586+/-72.079 χ^2/NDF: 33.1/25

asym_sam_15_37_dd_correction_rms vs Slug

Right In: 988.357+/-0.895 χ^2/NDF: 8056.2/1

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1152.840+/-0.652 χ^2/NDF: 77277.5/2

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

+ sign 298.552+/-0.050 χ^2/NDF: 2239627.3/26

All: 300.426+/-0.036 χ^2/NDF: 5351759.5/52

- sign 302.364+/-0.051 χ^2/NDF: 3109288.3/25

asym_sam_15_37_dd_mean vs Slug

Right In: -295.819+/-1259.520 χ^2/NDF: 0.0/1

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: -348.875+/-902.834 χ^2/NDF: 2.3/2

Left In: 61.707+/-72.478 χ^2/NDF:30.3/22

+ sign -247.263+/-71.104 χ^2/NDF: 43.6/26

All: -96.530+/-50.677 χ^2/NDF: 85.6/52

- sign 59.078+/-72.245 χ^2/NDF: 32.9/25

asym_sam_15_37_dd_rms vs Slug

Right In: 984.711+/-0.891 χ^2/NDF: 9385.0/1

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1118.701+/-0.638 χ^2/NDF: 94057.7/2

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

+ sign 299.464+/-0.050 χ^2/NDF: 2231171.8/26

All: 301.181+/-0.036 χ^2/NDF: 5245504.9/52

- sign 302.953+/-0.051 χ^2/NDF: 3011962.9/25

dit_asym_sam_24_68_dd_mean vs Slug

Right In: 182.963+/-154.835 χ^2/NDF: 0.3/1

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 8.616+/-107.014 χ^2/NDF: 0.8/2

Left In: -2.505+/-21.582 χ^2/NDF:18.0/22

+ sign -14.097+/-20.927 χ^2/NDF: 27.5/26

All: -8.149+/-14.878 χ^2/NDF: 46.5/52

- sign -2.071+/-21.156 χ^2/NDF: 18.8/25

dit_asym_sam_24_68_dd_rms vs Slug

Right In: 120.753+/-0.109 χ^2/NDF: 2534.3/1

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 127.421+/-0.076 χ^2/NDF: 322552.9/2

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

+ sign 89.571+/-0.015 χ^2/NDF: 892629.1/26

All: 90.184+/-0.011 χ^2/NDF: 2022684.9/52

- sign 90.810+/-0.015 χ^2/NDF: 1126585.5/25

asym_sam_24_68_dd_correction_mean vs Slug

Right In: -1117.830+/-3468.685 χ^2/NDF: 0.0/1

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: -153.349+/-2423.007 χ^2/NDF: 0.6/2

Left In: 20.573+/-210.177 χ^2/NDF:29.7/22

+ sign -871.928+/-205.623 χ^2/NDF: 57.7/26

All: -434.415+/-146.711 χ^2/NDF: 97.1/52

- sign 19.275+/-209.390 χ^2/NDF: 30.3/25

asym_sam_24_68_dd_correction_rms vs Slug

Right In: 2701.745+/-2.453 χ^2/NDF: 8859.4/1

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3075.030+/-1.713 χ^2/NDF: 772.7/2

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

+ sign 878.121+/-0.145 χ^2/NDF: 1206015.7/26

All: 884.195+/-0.104 χ^2/NDF: 3426782.4/52

- sign 890.492+/-0.148 χ^2/NDF: 2217212.8/25

asym_sam_24_68_dd_mean vs Slug

Right In: 1276.589+/-3488.776 χ^2/NDF: 0.0/1

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: 165.037+/-2420.885 χ^2/NDF: 0.5/2

Left In: -41.523+/-210.209 χ^2/NDF:28.1/22

+ sign 876.473+/-205.216 χ^2/NDF: 55.1/26

All: 427.540+/-146.574 χ^2/NDF: 93.5/52

- sign -39.977+/-209.421 χ^2/NDF: 28.6/25

asym_sam_24_68_dd_rms vs Slug

Right In: 2719.133+/-2.467 χ^2/NDF: 8793.3/1

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 3068.895+/-1.712 χ^2/NDF: 2859.2/2

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

+ sign 877.248+/-0.145 χ^2/NDF: 1219987.9/26

All: 883.655+/-0.104 χ^2/NDF: 3442041.8/52

- sign 890.328+/-0.148 χ^2/NDF: 2218073.9/25

dit_asym_sam_26_48_dd_mean vs Slug

Right In: 27.812+/-149.346 χ^2/NDF: 0.4/1

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: 40.483+/-93.178 χ^2/NDF: 0.6/2

Left In: 11.570+/-24.412 χ^2/NDF:24.0/22

+ sign -14.909+/-23.096 χ^2/NDF: 35.4/26

All: -1.056+/-16.512 χ^2/NDF: 60.7/52

- sign 13.427+/-23.615 χ^2/NDF: 24.6/25

dit_asym_sam_26_48_dd_rms vs Slug

Right In: 113.819+/-0.106 χ^2/NDF: 60481.0/1

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 110.439+/-0.066 χ^2/NDF: 369783.4/2

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

+ sign 98.380+/-0.016 χ^2/NDF: 1237402.0/26

All: 99.821+/-0.012 χ^2/NDF: 2403483.7/52

- sign 101.329+/-0.017 χ^2/NDF: 1150136.8/25

asym_sam_26_48_dd_correction_mean vs Slug

Right In: -305.795+/-989.348 χ^2/NDF: 0.1/1

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: 128.120+/-640.795 χ^2/NDF: 3.1/2

Left In: 129.094+/-124.247 χ^2/NDF:28.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 40.1/26

All: -0.000+/-0.000 χ^2/NDF: 72.6/52

- sign 129.059+/-121.975 χ^2/NDF: 31.5/25

asym_sam_26_48_dd_correction_rms vs Slug

Right In: 744.303+/-0.700 χ^2/NDF: 61878.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 724.151+/-0.453 χ^2/NDF: 568630.8/2

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 36167932.9/26

All: 0.000+/-0.000 χ^2/NDF: 74373812.0/52

- sign 523.658+/-0.086 χ^2/NDF: 1343527.4/25

asym_sam_26_48_dd_mean vs Slug

Right In: 344.326+/-947.183 χ^2/NDF: 0.2/1

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: -14.639+/-650.928 χ^2/NDF: 3.1/2

Left In: -124.022+/-120.216 χ^2/NDF:30.2/22

+ sign -461.371+/-117.072 χ^2/NDF: 28.8/26

All: -292.550+/-83.184 χ^2/NDF: 66.3/52

- sign -120.414+/-118.217 χ^2/NDF: 33.3/25

asym_sam_26_48_dd_rms vs Slug

Right In: 706.045+/-0.670 χ^2/NDF: 82030.2/1

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 736.814+/-0.460 χ^2/NDF: 556415.3/2

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

+ sign 501.831+/-0.083 χ^2/NDF: 911093.6/26

All: 504.234+/-0.059 χ^2/NDF: 2300054.0/52

- sign 506.684+/-0.084 χ^2/NDF: 1387258.4/25

dit_asym_sam_1548_avg_mean vs Slug

Right In: -62.956+/-191.574 χ^2/NDF: 0.1/1

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: -74.137+/-122.799 χ^2/NDF: 0.0/2

Left In: -59.603+/-29.184 χ^2/NDF:25.6/22

+ sign 24.065+/-27.822 χ^2/NDF: 22.9/26

All: -17.301+/-19.872 χ^2/NDF: 53.1/52

- sign -60.380+/-28.393 χ^2/NDF: 25.7/25

dit_asym_sam_1548_avg_rms vs Slug

Right In: 149.714+/-0.135 χ^2/NDF: 14952.8/1

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 141.027+/-0.087 χ^2/NDF: 569586.6/2

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

+ sign 117.129+/-0.020 χ^2/NDF: 1663728.8/26

All: 118.540+/-0.014 χ^2/NDF: 3594886.9/52

- sign 120.009+/-0.020 χ^2/NDF: 1920663.5/25

asym_sam_1548_avg_correction_mean vs Slug

Right In: 122.063+/-1975.498 χ^2/NDF: 0.1/1

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 342.237+/-1452.892 χ^2/NDF: 2.2/2

Left In: -185.191+/-169.174 χ^2/NDF:23.4/22

+ sign -785.556+/-165.388 χ^2/NDF: 43.9/26

All: -486.675+/-117.873 χ^2/NDF: 76.2/52

- sign -178.135+/-168.039 χ^2/NDF: 25.7/25

asym_sam_1548_avg_correction_rms vs Slug

Right In: 1520.933+/-1.397 χ^2/NDF: 33063.5/1

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1705.723+/-1.027 χ^2/NDF: 401599.3/2

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

+ sign 707.891+/-0.117 χ^2/NDF: 1065775.6/26

All: 712.429+/-0.083 χ^2/NDF: 2942567.9/52

- sign 717.113+/-0.119 χ^2/NDF: 1873732.1/25

asym_sam_1548_avg_mean vs Slug

Right In: -86.056+/-1999.529 χ^2/NDF: 0.1/1

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -362.042+/-1446.513 χ^2/NDF: 2.3/2

Left In: 128.120+/-166.866 χ^2/NDF:25.3/22

+ sign 826.457+/-162.885 χ^2/NDF: 44.1/26

All: 480.249+/-116.182 χ^2/NDF: 81.0/52

- sign 121.683+/-165.766 χ^2/NDF: 27.7/25

asym_sam_1548_avg_rms vs Slug

Right In: 1538.277+/-1.414 χ^2/NDF: 35542.6/1

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1694.584+/-1.023 χ^2/NDF: 403011.9/2

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

+ sign 697.686+/-0.115 χ^2/NDF: 1049003.7/26

All: 702.144+/-0.082 χ^2/NDF: 2920872.9/52

- sign 706.761+/-0.117 χ^2/NDF: 1868819.8/25

dit_asym_sam_3748_avg_mean vs Slug

Right In: -27.494+/-263.792 χ^2/NDF: 0.1/1

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: -5.035+/-179.014 χ^2/NDF: 0.1/2

Left In: -88.085+/-28.764 χ^2/NDF:30.4/22

+ sign 52.830+/-27.314 χ^2/NDF: 19.4/26

All: -13.879+/-19.687 χ^2/NDF: 62.5/52

- sign -85.994+/-28.399 χ^2/NDF: 30.7/25

dit_asym_sam_3748_avg_rms vs Slug

Right In: 206.569+/-0.187 χ^2/NDF: 455.7/1

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 211.162+/-0.127 χ^2/NDF: 395175.1/2

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

+ sign 113.675+/-0.019 χ^2/NDF: 2102619.1/26

All: 115.993+/-0.014 χ^2/NDF: 4516373.1/52

- sign 118.500+/-0.020 χ^2/NDF: 2383762.1/25

asym_sam_3748_avg_correction_mean vs Slug

Right In: -259.977+/-3114.737 χ^2/NDF: 0.0/1

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 1138.621+/-2321.432 χ^2/NDF: 1.5/2

Left In: -164.202+/-191.131 χ^2/NDF:22.0/22

+ sign -943.903+/-188.323 χ^2/NDF: 63.4/26

All: -554.169+/-133.923 χ^2/NDF: 95.9/52

- sign -155.430+/-190.486 χ^2/NDF: 23.8/25

asym_sam_3748_avg_correction_rms vs Slug

Right In: 2429.118+/-2.202 χ^2/NDF: 13571.3/1

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2833.356+/-1.642 χ^2/NDF: 203253.2/2

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

+ sign 799.135+/-0.133 χ^2/NDF: 1722150.8/26

All: 801.272+/-0.095 χ^2/NDF: 4485457.2/52

- sign 803.459+/-0.135 χ^2/NDF: 2762785.2/25

asym_sam_3748_avg_mean vs Slug

Right In: 281.028+/-3136.701 χ^2/NDF: 0.0/1

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -1045.716+/-2291.672 χ^2/NDF: 1.7/2

Left In: 70.852+/-190.155 χ^2/NDF:23.4/22

+ sign 1032.925+/-186.911 χ^2/NDF: 61.4/26

All: 554.751+/-133.073 χ^2/NDF: 100.1/52

- sign 63.216+/-189.504 χ^2/NDF: 25.4/25

asym_sam_3748_avg_rms vs Slug

Right In: 2444.230+/-2.218 χ^2/NDF: 15169.7/1

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2785.995+/-1.620 χ^2/NDF: 208378.9/2

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

+ sign 793.862+/-0.132 χ^2/NDF: 1684791.4/26

All: 796.327+/-0.094 χ^2/NDF: 4384934.3/52

- sign 798.861+/-0.134 χ^2/NDF: 2699437.5/25

dit_asym_sam_1526_avg_mean vs Slug

Right In: -78.721+/-189.247 χ^2/NDF: 0.1/1

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: -21.328+/-118.882 χ^2/NDF: 0.4/2

Left In: -41.428+/-16.130 χ^2/NDF:21.7/22

+ sign 14.253+/-15.477 χ^2/NDF: 26.2/26

All: -12.515+/-11.119 χ^2/NDF: 54.5/52

- sign -41.065+/-15.984 χ^2/NDF: 22.1/25

dit_asym_sam_1526_avg_rms vs Slug

Right In: 147.718+/-0.134 χ^2/NDF: 1018.9/1

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 135.845+/-0.084 χ^2/NDF: 576432.2/2

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

+ sign 65.235+/-0.011 χ^2/NDF: 1533885.6/26

All: 66.224+/-0.008 χ^2/NDF: 3673180.3/52

- sign 67.278+/-0.011 χ^2/NDF: 2122430.5/25

asym_sam_1526_avg_correction_mean vs Slug

Right In: -104.651+/-1046.011 χ^2/NDF: 0.0/1

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 434.395+/-805.285 χ^2/NDF: 0.7/2

Left In: -42.368+/-60.284 χ^2/NDF:24.7/22

+ sign -280.836+/-59.438 χ^2/NDF: 66.5/26

All: -161.641+/-42.266 χ^2/NDF: 100.4/52

- sign -39.711+/-60.116 χ^2/NDF: 25.8/25

asym_sam_1526_avg_correction_rms vs Slug

Right In: 815.899+/-0.740 χ^2/NDF: 17427.5/1

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 1008.029+/-0.569 χ^2/NDF: 59290.1/2

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

+ sign 250.129+/-0.042 χ^2/NDF: 2292131.2/26

All: 250.731+/-0.030 χ^2/NDF: 5666932.9/52

- sign 251.346+/-0.043 χ^2/NDF: 3374387.5/25

asym_sam_1526_avg_mean vs Slug

Right In: 197.403+/-1113.925 χ^2/NDF: 0.0/1

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -261.043+/-812.155 χ^2/NDF: 0.6/2

Left In: -7.915+/-61.726 χ^2/NDF:26.3/22

+ sign 302.106+/-60.899 χ^2/NDF: 63.9/26

All: 148.019+/-43.290 χ^2/NDF: 103.8/52

- sign -9.368+/-61.548 χ^2/NDF: 27.0/25

asym_sam_1526_avg_rms vs Slug

Right In: 870.176+/-0.788 χ^2/NDF: 12510.1/1

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 998.569+/-0.574 χ^2/NDF: 135569.5/2

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

+ sign 256.776+/-0.043 χ^2/NDF: 2162501.2/26

All: 257.110+/-0.031 χ^2/NDF: 5339770.1/52

- sign 257.451+/-0.044 χ^2/NDF: 3177147.4/25

dit_asym_sam_3726_avg_mean vs Slug

Right In: -56.761+/-272.577 χ^2/NDF: 0.0/1

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 34.055+/-187.257 χ^2/NDF: 0.2/2

Left In: -71.620+/-21.469 χ^2/NDF:23.7/22

+ sign 44.177+/-20.402 χ^2/NDF: 30.7/26

All: -10.496+/-14.743 χ^2/NDF: 70.0/52

- sign -70.249+/-21.329 χ^2/NDF: 24.2/25

dit_asym_sam_3726_avg_rms vs Slug

Right In: 212.645+/-0.193 χ^2/NDF: 2350.5/1

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 222.853+/-0.132 χ^2/NDF: 344810.8/2

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

+ sign 85.509+/-0.014 χ^2/NDF: 1822785.7/26

All: 87.289+/-0.010 χ^2/NDF: 4287627.9/52

- sign 89.234+/-0.015 χ^2/NDF: 2432993.8/25

asym_sam_3726_avg_correction_mean vs Slug

Right In: -410.975+/-2282.950 χ^2/NDF: 0.0/1

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: -132.935+/-1620.566 χ^2/NDF: 0.5/2

Left In: -19.322+/-116.820 χ^2/NDF:29.5/22

+ sign -442.205+/-115.278 χ^2/NDF: 60.9/26

All: -233.317+/-81.949 χ^2/NDF: 97.5/52

- sign -19.909+/-116.518 χ^2/NDF: 29.9/25

asym_sam_3726_avg_correction_rms vs Slug

Right In: 1788.056+/-1.614 χ^2/NDF: 8868.1/1

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2049.860+/-1.146 χ^2/NDF: 5896.2/2

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

+ sign 478.762+/-0.082 χ^2/NDF: 3178082.4/26

All: 480.410+/-0.058 χ^2/NDF: 7240808.9/52

- sign 482.093+/-0.082 χ^2/NDF: 4061900.4/25

asym_sam_3726_avg_mean vs Slug

Right In: 516.559+/-2343.083 χ^2/NDF: 0.0/1

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: 165.603+/-1609.590 χ^2/NDF: 0.3/2

Left In: -72.627+/-116.927 χ^2/NDF:29.1/22

+ sign 495.311+/-115.381 χ^2/NDF: 57.2/26

All: 214.993+/-82.021 χ^2/NDF: 98.4/52

- sign -71.377+/-116.620 χ^2/NDF: 29.3/25

asym_sam_3726_avg_rms vs Slug

Right In: 1834.018+/-1.657 χ^2/NDF: 8734.9/1

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2023.262+/-1.138 χ^2/NDF: 8859.7/2

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

+ sign 479.350+/-0.082 χ^2/NDF: 3140728.2/26

All: 480.640+/-0.058 χ^2/NDF: 7107428.2/52

- sign 481.957+/-0.082 χ^2/NDF: 3966194.6/25

dit_asym_sam_15_48_dd_mean vs Slug

Right In: 54.125+/-120.757 χ^2/NDF: 0.7/1

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: 7.839+/-77.793 χ^2/NDF: 0.8/2

Left In: 28.435+/-15.494 χ^2/NDF:26.2/22

+ sign -20.280+/-14.690 χ^2/NDF: 22.0/26

All: 2.874+/-10.561 χ^2/NDF: 54.2/52

- sign 27.649+/-15.195 χ^2/NDF: 27.1/25

dit_asym_sam_15_48_dd_rms vs Slug

Right In: 94.181+/-0.085 χ^2/NDF: 14057.8/1

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 93.587+/-0.055 χ^2/NDF: 269152.8/2

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

+ sign 61.048+/-0.010 χ^2/NDF: 2118546.8/26

All: 62.292+/-0.007 χ^2/NDF: 4171619.7/52

- sign 63.623+/-0.011 χ^2/NDF: 2023391.6/25

asym_sam_15_48_dd_correction_mean vs Slug

Right In: 164.208+/-1756.373 χ^2/NDF: 0.0/1

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -694.303+/-1309.325 χ^2/NDF: 1.4/2

Left In: 87.989+/-106.843 χ^2/NDF:22.1/22

+ sign 525.404+/-105.225 χ^2/NDF: 65.0/26

All: 306.751+/-74.848 χ^2/NDF: 97.7/52

- sign 82.814+/-106.489 χ^2/NDF: 23.9/25

asym_sam_15_48_dd_correction_rms vs Slug

Right In: 1370.089+/-1.242 χ^2/NDF: 13073.3/1

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1608.946+/-0.926 χ^2/NDF: 168072.4/2

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

+ sign 446.359+/-0.074 χ^2/NDF: 1739934.9/26

All: 447.704+/-0.053 χ^2/NDF: 4524414.7/52

- sign 449.082+/-0.075 χ^2/NDF: 2783817.9/25

asym_sam_15_48_dd_mean vs Slug

Right In: -218.147+/-1775.959 χ^2/NDF: 0.0/1

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 673.443+/-1299.108 χ^2/NDF: 1.6/2

Left In: -50.387+/-106.218 χ^2/NDF:23.3/22

+ sign -564.347+/-104.280 χ^2/NDF: 63.0/26

All: -308.875+/-74.291 χ^2/NDF: 100.4/52

- sign -45.581+/-105.865 χ^2/NDF: 25.2/25

asym_sam_15_48_dd_rms vs Slug

Right In: 1383.697+/-1.256 χ^2/NDF: 14377.4/1

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1592.586+/-0.919 χ^2/NDF: 169638.6/2

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

+ sign 442.570+/-0.074 χ^2/NDF: 1741995.3/26

All: 444.274+/-0.053 χ^2/NDF: 4505659.4/52

- sign 446.029+/-0.075 χ^2/NDF: 2762580.1/25

dit_asym_sam_37_48_dd_mean vs Slug

Right In: 28.982+/-113.936 χ^2/NDF: 0.2/1

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: 63.128+/-67.164 χ^2/NDF: 0.6/2

Left In: 1.434+/-17.926 χ^2/NDF:19.0/22

+ sign 10.499+/-17.014 χ^2/NDF: 38.9/26

All: 8.062+/-12.137 χ^2/NDF: 59.4/52

- sign 5.536+/-17.320 χ^2/NDF: 20.4/25

dit_asym_sam_37_48_dd_rms vs Slug

Right In: 88.580+/-0.081 χ^2/NDF: 21628.9/1

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 78.030+/-0.047 χ^2/NDF: 499961.3/2

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

+ sign 72.159+/-0.012 χ^2/NDF: 1389845.4/26

All: 72.992+/-0.009 χ^2/NDF: 2917198.4/52

- sign 73.856+/-0.012 χ^2/NDF: 1517590.1/25

asym_sam_37_48_dd_correction_mean vs Slug

Right In: -243.807+/-651.836 χ^2/NDF: 0.1/1

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: 109.404+/-448.248 χ^2/NDF: 3.1/2

Left In: 101.648+/-91.670 χ^2/NDF:28.1/22

+ sign 334.373+/-89.015 χ^2/NDF: 28.3/26

All: 219.200+/-63.223 χ^2/NDF: 62.8/52

- sign 101.959+/-89.811 χ^2/NDF: 31.2/25

asym_sam_37_48_dd_correction_rms vs Slug

Right In: 485.331+/-0.461 χ^2/NDF: 79154.1/1

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 505.242+/-0.317 χ^2/NDF: 582538.5/2

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

+ sign 382.167+/-0.063 χ^2/NDF: 746824.3/26

All: 384.286+/-0.045 χ^2/NDF: 1939028.0/52

- sign 386.443+/-0.064 χ^2/NDF: 1189916.7/25

asym_sam_37_48_dd_mean vs Slug

Right In: 139.802+/-668.669 χ^2/NDF: 0.1/1

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: -26.639+/-462.585 χ^2/NDF: 3.1/2

Left In: -104.117+/-89.613 χ^2/NDF:29.7/22

+ sign -327.207+/-86.961 χ^2/NDF: 28.9/26

All: -215.573+/-61.847 χ^2/NDF: 65.1/52

- sign -101.315+/-87.978 χ^2/NDF: 32.8/25

asym_sam_37_48_dd_rms vs Slug

Right In: 497.347+/-0.473 χ^2/NDF: 84293.4/1

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 522.831+/-0.327 χ^2/NDF: 561561.6/2

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

+ sign 373.506+/-0.061 χ^2/NDF: 758199.5/26

All: 375.731+/-0.044 χ^2/NDF: 1990193.0/52

- sign 378.009+/-0.062 χ^2/NDF: 1229343.2/25

dit_asym_sam_15_26_dd_mean vs Slug

Right In: 62.018+/-154.597 χ^2/NDF: 0.1/1

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: -41.697+/-96.240 χ^2/NDF: 1.4/2

Left In: 24.293+/-16.034 χ^2/NDF:21.1/22

+ sign -8.690+/-15.394 χ^2/NDF: 35.0/26

All: 6.489+/-11.031 χ^2/NDF: 60.0/52

- sign 22.511+/-15.816 χ^2/NDF: 23.0/25

dit_asym_sam_15_26_dd_rms vs Slug

Right In: 120.522+/-0.109 χ^2/NDF: 2479.3/1

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 117.183+/-0.068 χ^2/NDF: 201636.4/2

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

+ sign 66.057+/-0.011 χ^2/NDF: 920187.1/26

All: 66.969+/-0.008 χ^2/NDF: 2195890.6/52

- sign 67.931+/-0.011 χ^2/NDF: 1261294.2/25

asym_sam_15_26_dd_correction_mean vs Slug

Right In: 329.181+/-1057.490 χ^2/NDF: 0.0/1

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: 35.025+/-851.443 χ^2/NDF: 3.5/2

Left In: -46.660+/-83.857 χ^2/NDF:34.2/22

+ sign 98.813+/-81.990 χ^2/NDF: 33.4/26

All: 27.749+/-58.486 χ^2/NDF: 72.6/52

- sign -45.875+/-83.454 χ^2/NDF: 37.7/25

asym_sam_15_26_dd_correction_rms vs Slug

Right In: 821.257+/-0.748 χ^2/NDF: 24965.6/1

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1020.065+/-0.602 χ^2/NDF: 324079.6/2

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

+ sign 345.870+/-0.058 χ^2/NDF: 2096709.1/26

All: 348.540+/-0.041 χ^2/NDF: 4935459.2/52

- sign 351.305+/-0.059 χ^2/NDF: 2834434.0/25

asym_sam_15_26_dd_mean vs Slug

Right In: -433.052+/-1111.388 χ^2/NDF: 0.0/1

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: -177.216+/-821.787 χ^2/NDF: 3.6/2

Left In: 74.986+/-81.949 χ^2/NDF:32.7/22

+ sign -109.736+/-80.368 χ^2/NDF: 31.0/26

All: -19.941+/-57.240 χ^2/NDF: 69.8/52

- sign 72.503+/-81.545 χ^2/NDF: 36.3/25

asym_sam_15_26_dd_rms vs Slug

Right In: 861.588+/-0.786 χ^2/NDF: 25984.1/1

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 972.830+/-0.581 χ^2/NDF: 340480.6/2

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

+ sign 338.978+/-0.057 χ^2/NDF: 2130238.0/26

All: 340.794+/-0.040 χ^2/NDF: 4930115.5/52

- sign 342.662+/-0.058 χ^2/NDF: 2797806.6/25

dit_asym_sam_37_26_dd_mean vs Slug

Right In: -40.898+/-105.489 χ^2/NDF: 0.8/1

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 9.750+/-55.821 χ^2/NDF: 4.2/2

Left In: -8.325+/-10.361 χ^2/NDF:29.6/22

+ sign 26.020+/-10.044 χ^2/NDF: 37.7/26

All: 9.386+/-7.152 χ^2/NDF: 77.2/52

- sign -7.723+/-10.187 χ^2/NDF: 33.9/25

dit_asym_sam_37_26_dd_rms vs Slug

Right In: 79.541+/-0.075 χ^2/NDF: 24514.4/1

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 64.654+/-0.039 χ^2/NDF: 517304.1/2

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

+ sign 43.050+/-0.007 χ^2/NDF: 1037591.1/26

All: 43.391+/-0.005 χ^2/NDF: 2492538.3/52

- sign 43.742+/-0.007 χ^2/NDF: 1450266.7/25

asym_sam_37_26_dd_correction_mean vs Slug

Right In: 46.016+/-331.760 χ^2/NDF: 0.1/1

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: -21.652+/-189.833 χ^2/NDF: 3.2/2

Left In: -25.828+/-32.100 χ^2/NDF:29.0/22

+ sign -108.924+/-31.573 χ^2/NDF: 33.2/26

All: -67.420+/-22.353 χ^2/NDF: 68.9/52

- sign -25.712+/-31.650 χ^2/NDF: 32.2/25

asym_sam_37_26_dd_correction_rms vs Slug

Right In: 252.497+/-0.235 χ^2/NDF: 28357.4/1

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 214.502+/-0.134 χ^2/NDF: 558019.6/2

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

+ sign 132.967+/-0.022 χ^2/NDF: 2096727.9/26

All: 133.449+/-0.016 χ^2/NDF: 4429937.4/52

- sign 133.933+/-0.022 χ^2/NDF: 2332275.4/25

asym_sam_37_26_dd_mean vs Slug

Right In: -190.213+/-287.148 χ^2/NDF: 0.2/1

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: 6.536+/-190.946 χ^2/NDF: 3.1/2

Left In: 15.199+/-31.033 χ^2/NDF:31.4/22

+ sign 137.280+/-30.463 χ^2/NDF: 28.7/26

All: 76.465+/-21.600 χ^2/NDF: 71.2/52

- sign 14.976+/-30.631 χ^2/NDF: 34.4/25

asym_sam_37_26_dd_rms vs Slug

Right In: 215.536+/-0.203 χ^2/NDF: 73849.2/1

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 215.565+/-0.135 χ^2/NDF: 560729.0/2

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

+ sign 129.044+/-0.022 χ^2/NDF: 1787654.3/26

All: 129.345+/-0.015 χ^2/NDF: 3994276.4/52

- sign 129.649+/-0.022 χ^2/NDF: 2206230.0/25

dit_asym_sam_1357_avg_mean vs Slug

Right In: -8.211+/-163.041 χ^2/NDF: 0.0/1

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 8.040+/-110.397 χ^2/NDF: 0.1/2

Left In: -60.992+/-14.839 χ^2/NDF:31.6/22

+ sign 33.220+/-14.143 χ^2/NDF: 19.7/26

All: -11.457+/-10.194 χ^2/NDF: 72.6/52

- sign -59.767+/-14.707 χ^2/NDF: 32.1/25

dit_asym_sam_1357_avg_rms vs Slug

Right In: 127.710+/-0.115 χ^2/NDF: 682.1/1

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 127.405+/-0.078 χ^2/NDF: 526950.1/2

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

+ sign 59.312+/-0.010 χ^2/NDF: 1815897.6/26

All: 60.385+/-0.007 χ^2/NDF: 4309145.2/52

- sign 61.545+/-0.010 χ^2/NDF: 2469287.9/25

asym_sam_1357_avg_correction_mean vs Slug

Right In: -38.769+/-1372.075 χ^2/NDF: 0.0/1

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 365.097+/-1007.215 χ^2/NDF: 1.6/2

Left In: -89.505+/-86.438 χ^2/NDF:19.4/22

+ sign -416.369+/-84.807 χ^2/NDF: 58.6/26

All: -253.815+/-60.427 χ^2/NDF: 87.2/52

- sign -86.181+/-86.122 χ^2/NDF: 21.2/25

asym_sam_1357_avg_correction_rms vs Slug

Right In: 1069.273+/-0.970 χ^2/NDF: 14150.1/1

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1217.364+/-0.712 χ^2/NDF: 252658.4/2

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

+ sign 361.065+/-0.060 χ^2/NDF: 1560906.0/26

All: 362.552+/-0.043 χ^2/NDF: 4154096.1/52

- sign 364.086+/-0.061 χ^2/NDF: 2591940.8/25

asym_sam_1357_avg_mean vs Slug

Right In: 56.117+/-1363.193 χ^2/NDF: 0.0/1

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -363.828+/-991.680 χ^2/NDF: 1.8/2

Left In: 19.328+/-84.679 χ^2/NDF:23.7/22

+ sign 469.255+/-83.324 χ^2/NDF: 58.8/26

All: 245.735+/-59.286 χ^2/NDF: 99.0/52

- sign 16.554+/-84.372 χ^2/NDF: 25.6/25

asym_sam_1357_avg_rms vs Slug

Right In: 1061.636+/-0.964 χ^2/NDF: 16653.2/1

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1191.812+/-0.701 χ^2/NDF: 260102.3/2

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

+ sign 354.429+/-0.059 χ^2/NDF: 1573742.7/26

All: 355.269+/-0.042 χ^2/NDF: 4154311.4/52

- sign 356.130+/-0.060 χ^2/NDF: 2580157.1/25

dit_asym_sam_2468_avg_mean vs Slug

Right In: -90.946+/-266.524 χ^2/NDF: 0.0/1

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: -39.831+/-178.493 χ^2/NDF: 0.6/2

Left In: -66.254+/-27.450 χ^2/NDF:24.2/22

+ sign 31.141+/-26.193 χ^2/NDF: 19.8/26

All: -15.548+/-18.844 χ^2/NDF: 51.2/52

- sign -65.644+/-27.131 χ^2/NDF: 24.8/25

dit_asym_sam_2468_avg_rms vs Slug

Right In: 208.241+/-0.188 χ^2/NDF: 3412.2/1

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 207.031+/-0.126 χ^2/NDF: 492380.6/2

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

+ sign 108.822+/-0.019 χ^2/NDF: 2118165.0/26

All: 110.797+/-0.013 χ^2/NDF: 4609891.6/52

- sign 112.917+/-0.019 χ^2/NDF: 2468143.3/25

asym_sam_2468_avg_correction_mean vs Slug

Right In: -269.421+/-2804.465 χ^2/NDF: 0.0/1

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 1163.924+/-2122.526 χ^2/NDF: 1.2/2

Left In: -127.427+/-166.308 χ^2/NDF:22.8/22

+ sign -811.174+/-163.822 χ^2/NDF: 66.2/26

All: -469.512+/-116.533 χ^2/NDF: 99.3/52

- sign -119.548+/-165.800 χ^2/NDF: 24.3/25

asym_sam_2468_avg_correction_rms vs Slug

Right In: 2188.517+/-1.983 χ^2/NDF: 14498.0/1

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2628.648+/-1.501 χ^2/NDF: 122562.4/2

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

+ sign 693.631+/-0.116 χ^2/NDF: 1872403.7/26

All: 695.586+/-0.082 χ^2/NDF: 4817415.7/52

- sign 697.589+/-0.117 χ^2/NDF: 2944435.4/25

asym_sam_2468_avg_mean vs Slug

Right In: 416.847+/-2885.814 χ^2/NDF: 0.0/1

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -1012.719+/-2101.573 χ^2/NDF: 1.3/2

Left In: 41.522+/-166.728 χ^2/NDF:24.1/22

+ sign 871.971+/-164.003 χ^2/NDF: 64.2/26

All: 459.032+/-116.738 χ^2/NDF: 102.7/52

- sign 34.928+/-166.205 χ^2/NDF: 25.7/25

asym_sam_2468_avg_rms vs Slug

Right In: 2251.736+/-2.041 χ^2/NDF: 13309.5/1

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2587.364+/-1.486 χ^2/NDF: 137354.6/2

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

+ sign 694.811+/-0.116 χ^2/NDF: 1855946.0/26

All: 696.794+/-0.083 χ^2/NDF: 4735167.6/52

- sign 698.830+/-0.118 χ^2/NDF: 2878629.0/25

dit_asym_sam_1357_2468_dd_mean vs Slug

Right In: 21.726+/-68.600 χ^2/NDF: 0.0/1

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: 15.036+/-41.495 χ^2/NDF: 4.6/2

Left In: 4.745+/-7.976 χ^2/NDF:17.9/22

+ sign 0.521+/-7.642 χ^2/NDF: 20.5/26

All: 2.760+/-5.470 χ^2/NDF: 43.2/52

- sign 5.112+/-7.832 χ^2/NDF: 22.5/25

dit_asym_sam_1357_2468_dd_rms vs Slug

Right In: 52.441+/-0.049 χ^2/NDF: 18560.2/1

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 48.823+/-0.029 χ^2/NDF: 392057.6/2

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

+ sign 31.883+/-0.005 χ^2/NDF: 1873866.3/26

All: 32.388+/-0.004 χ^2/NDF: 3730032.2/52

- sign 32.919+/-0.006 χ^2/NDF: 1838239.5/25

asym_sam_1357_2468_dd_correction_mean vs Slug

Right In: 111.202+/-722.215 χ^2/NDF: 0.0/1

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -346.746+/-548.608 χ^2/NDF: 0.5/2

Left In: 17.742+/-42.576 χ^2/NDF:27.1/22

+ sign 197.393+/-41.761 χ^2/NDF: 69.9/26

All: 107.959+/-29.770 χ^2/NDF: 107.2/52

- sign 15.560+/-42.448 χ^2/NDF: 28.0/25

asym_sam_1357_2468_dd_correction_rms vs Slug

Right In: 563.481+/-0.511 χ^2/NDF: 16797.7/1

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 691.515+/-0.388 χ^2/NDF: 24228.2/2

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

+ sign 176.505+/-0.030 χ^2/NDF: 2011150.5/26

All: 177.311+/-0.021 χ^2/NDF: 5138531.5/52

- sign 178.143+/-0.030 χ^2/NDF: 3125868.7/25

asym_sam_1357_2468_dd_mean vs Slug

Right In: -174.929+/-767.345 χ^2/NDF: 0.0/1

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 259.803+/-545.490 χ^2/NDF: 0.5/2

Left In: -9.384+/-42.437 χ^2/NDF:25.4/22

+ sign -200.853+/-41.680 χ^2/NDF: 65.5/26

All: -105.756+/-29.692 χ^2/NDF: 102.3/52

- sign -7.764+/-42.309 χ^2/NDF: 26.2/25

asym_sam_1357_2468_dd_rms vs Slug

Right In: 598.812+/-0.543 χ^2/NDF: 12303.2/1

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 684.788+/-0.386 χ^2/NDF: 32538.8/2

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

+ sign 175.818+/-0.029 χ^2/NDF: 2154740.1/26

All: 176.542+/-0.021 χ^2/NDF: 5294706.7/52

- sign 177.288+/-0.030 χ^2/NDF: 3138741.3/25

dit_asym_sam_12345678_avg_mean vs Slug

Right In: -47.978+/-208.068 χ^2/NDF: 0.0/1

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: -17.716+/-142.361 χ^2/NDF: 0.2/2

Left In: -63.566+/-20.573 χ^2/NDF:27.2/22

+ sign 32.075+/-19.618 χ^2/NDF: 19.7/26

All: -13.514+/-14.127 χ^2/NDF: 58.3/52

- sign -62.628+/-20.362 χ^2/NDF: 27.4/25

dit_asym_sam_12345678_avg_rms vs Slug

Right In: 162.758+/-0.147 χ^2/NDF: 1186.4/1

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 164.675+/-0.101 χ^2/NDF: 510171.9/2

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

+ sign 81.654+/-0.014 χ^2/NDF: 2068706.6/26

All: 83.140+/-0.010 χ^2/NDF: 4651557.2/52

- sign 84.740+/-0.014 χ^2/NDF: 2559024.1/25

asym_sam_12345678_avg_correction_mean vs Slug

Right In: -155.893+/-2086.197 χ^2/NDF: 0.0/1

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 766.585+/-1567.516 χ^2/NDF: 1.3/2

Left In: -108.821+/-125.527 χ^2/NDF:21.4/22

+ sign -627.429+/-120.407 χ^2/NDF: 63.2/26

All: -375.409+/-86.761 χ^2/NDF: 95.4/52

- sign -103.243+/-125.127 χ^2/NDF: 23.1/25

asym_sam_12345678_avg_correction_rms vs Slug

Right In: 1627.560+/-1.475 χ^2/NDF: 14153.5/1

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1925.903+/-1.108 χ^2/NDF: 166093.5/2

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

+ sign 503.570+/-0.085 χ^2/NDF: 2223181.6/26

All: 514.937+/-0.061 χ^2/NDF: 5100946.7/52

- sign 527.214+/-0.088 χ^2/NDF: 2840686.1/25

asym_sam_12345678_avg_mean vs Slug

Right In: 238.964+/-2122.447 χ^2/NDF: 0.0/1

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -694.986+/-1548.913 χ^2/NDF: 1.5/2

Left In: 31.056+/-125.236 χ^2/NDF:23.8/22

+ sign 671.037+/-123.220 χ^2/NDF: 62.8/26

All: 352.871+/-87.693 χ^2/NDF: 101.9/52

- sign 26.340+/-124.829 χ^2/NDF: 25.6/25

asym_sam_12345678_avg_rms vs Slug

Right In: 1655.429+/-1.501 χ^2/NDF: 14124.9/1

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1891.739+/-1.095 χ^2/NDF: 179243.6/2

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

+ sign 522.765+/-0.087 χ^2/NDF: 1758250.0/26

All: 524.128+/-0.062 χ^2/NDF: 4540265.9/52

- sign 525.526+/-0.088 χ^2/NDF: 2781520.6/25

dit_usl_4aX_slope vs Slug

Right In: -158.222+/-0.000 χ^2/NDF: 118190.6/16

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -178.397+/-0.139 χ^2/NDF: 209822.0/20

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

+ sign -158.222+/-0.000 χ^2/NDF: 692827.7/40

All: -158.222+/-0.000 χ^2/NDF: 1526412.5/84

- sign -208.857+/-0.080 χ^2/NDF: 435307.0/43

dit_usl_4eX_slope vs Slug

Right In: 174.085+/-0.000 χ^2/NDF: 54736.4/16

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 127.076+/-0.155 χ^2/NDF: 207383.4/20

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

+ sign 174.085+/-0.000 χ^2/NDF: 176363.6/40

All: 174.085+/-0.000 χ^2/NDF: 639462.5/84

- sign 167.121+/-0.083 χ^2/NDF: 456141.1/43

dit_usl_11X12X_slope vs Slug

Right In: -46.126+/-0.000 χ^2/NDF: 411089.4/16

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -28.139+/-0.000 χ^2/NDF: 821774.3/20

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

+ sign -46.126+/-0.000 χ^2/NDF: 2388912.5/40

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 3795537.2/43

dit_usl_4aY_slope vs Slug

Right In: -1.970+/-0.018 χ^2/NDF: 26786.1/16

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: 13.204+/-0.000 χ^2/NDF: 532497.8/20

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

+ sign 0.526+/-0.006 χ^2/NDF: 304594.6/40

All: 13.204+/-0.000 χ^2/NDF: 12189443.9/84

- sign 13.204+/-0.000 χ^2/NDF: 7084025.9/43

dit_usl_4eY_slope vs Slug

Right In: 22.678+/-0.019 χ^2/NDF: 23530.6/16

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.406+/-0.021 χ^2/NDF: 31298.3/20

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

+ sign 18.254+/-0.007 χ^2/NDF: 265938.3/40

All: 18.802+/-0.005 χ^2/NDF: 551181.8/84

- sign 19.358+/-0.007 χ^2/NDF: 271605.0/43

dit_usr_4aX_slope vs Slug

Right In: -276.079+/-0.166 χ^2/NDF: 58227.1/17

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -281.212+/-0.135 χ^2/NDF: 83655.9/21

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

+ sign -303.825+/-0.083 χ^2/NDF: 149779.3/42

All: -304.674+/-0.057 χ^2/NDF: 344905.1/87

- sign -305.418+/-0.078 χ^2/NDF: 194929.8/44

dit_usr_4eX_slope vs Slug

Right In: 374.094+/-0.000 χ^2/NDF: 35266.3/17

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 368.801+/-0.139 χ^2/NDF: 118150.5/21

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF: 150613.2/42

All: 374.094+/-0.000 χ^2/NDF: 415724.5/87

- sign 389.418+/-0.079 χ^2/NDF: 227954.9/44

dit_usr_11X12X_slope vs Slug

Right In: -42.744+/-0.000 χ^2/NDF: 13626.7/17

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -29.754+/-0.000 χ^2/NDF: 547009.6/21

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

+ sign -42.744+/-0.000 χ^2/NDF: 2116306.4/42

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 4564322.4/44

dit_usr_4aY_slope vs Slug

Right In: -9.259+/-0.000 χ^2/NDF: 407072.4/17

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: 18.504+/-0.000 χ^2/NDF: 7382326.1/21

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF: 6140669.9/42

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 17033265.4/44

dit_usr_4eY_slope vs Slug

Right In: 16.947+/-0.000 χ^2/NDF: 11237.4/17

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: -11.075+/-0.000 χ^2/NDF: 2787001.1/21

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

+ sign 16.947+/-0.000 χ^2/NDF: 995593.6/42

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 11004489.0/44

dit_atl1_4aX_slope vs Slug

Right In: -205.160+/-0.000 χ^2/NDF: 1331321.3/17

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -31.469+/-0.248 χ^2/NDF: 156099.7/21

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF: 1705443.1/42

All: -205.160+/-0.000 χ^2/NDF: 2592155.9/87

- sign -77.007+/-0.167 χ^2/NDF: 294420.0/44

dit_atl1_4eX_slope vs Slug

Right In: 339.325+/-0.000 χ^2/NDF: 1208997.9/17

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 42.773+/-0.245 χ^2/NDF: 306742.1/21

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF: 2296904.3/42

All: 339.325+/-0.000 χ^2/NDF: 4757646.8/87

- sign 105.277+/-0.168 χ^2/NDF: 512104.5/44

dit_atl1_11X12X_slope vs Slug

Right In: -48.945+/-0.000 χ^2/NDF: 6249837.7/17

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -16.265+/-0.042 χ^2/NDF: 309112.1/21

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

+ sign -48.945+/-0.000 χ^2/NDF: 16867321.0/42

All: -48.945+/-0.000 χ^2/NDF: 24415248.8/87

- sign -17.820+/-0.012 χ^2/NDF: 562707.3/44

dit_atl1_4aY_slope vs Slug

Right In: 6.728+/-0.000 χ^2/NDF: 13770.5/17

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 9.659+/-0.035 χ^2/NDF: 27219.9/21

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

+ sign 6.728+/-0.000 χ^2/NDF: 169843.7/42

All: 6.728+/-0.000 χ^2/NDF: 429300.1/87

- sign 11.345+/-0.010 χ^2/NDF: 45659.3/44

dit_atl1_4eY_slope vs Slug

Right In: -19.693+/-0.000 χ^2/NDF: 7617.8/17

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: 19.086+/-0.000 χ^2/NDF: 679034.3/21

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

+ sign -19.693+/-0.000 χ^2/NDF: 79805.6/42

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 7366399.1/44

dit_atl2_4aX_slope vs Slug

Right In: -889.928+/-0.000 χ^2/NDF: 776151.9/17

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1134.421+/-0.000 χ^2/NDF: 764877.4/21

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

+ sign -889.928+/-0.000 χ^2/NDF: 9521166.4/42

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 5875741.8/44

dit_atl2_4eX_slope vs Slug

Right In: 1171.172+/-0.245 χ^2/NDF: 509051.9/17

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1102.581+/-0.245 χ^2/NDF: 1144267.2/21

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

+ sign 1424.793+/-0.202 χ^2/NDF: 4621639.2/42

All: 1398.553+/-0.143 χ^2/NDF: 10345562.3/8

- sign 1371.752+/-0.204 χ^2/NDF: 5689698.7/44

dit_atl2_11X12X_slope vs Slug

Right In: -212.190+/-0.000 χ^2/NDF: 1220917.8/17

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -188.033+/-0.000 χ^2/NDF: 916026.5/21

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

+ sign -212.190+/-0.000 χ^2/NDF: 14818945.0/42

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 21064869.7/44

dit_atl2_4aY_slope vs Slug

Right In: -56.037+/-0.000 χ^2/NDF: 1586764.5/17

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.775+/-0.041 χ^2/NDF: 180673.4/21

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

+ sign -56.037+/-0.000 χ^2/NDF: 11974330.5/42

All: -56.037+/-0.000 χ^2/NDF: 21493657.2/87

- sign -9.425+/-0.017 χ^2/NDF: 1875461.2/44

dit_atl2_4eY_slope vs Slug

Right In: 138.565+/-0.000 χ^2/NDF: 901281.6/17

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 6.866+/-0.000 χ^2/NDF: 8326003.1/21

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

+ sign 138.565+/-0.000 χ^2/NDF: 2990402.9/42

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 30785059.5/44

dit_atr1_4aX_slope vs Slug

Right In: -73.485+/-0.000 χ^2/NDF: 99151.0/17

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -560.314+/-0.253 χ^2/NDF: 3138031.1/21

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

+ sign -73.485+/-0.000 χ^2/NDF: 340367.2/42

All: -73.485+/-0.000 χ^2/NDF: 7371232.8/87

- sign -348.209+/-0.174 χ^2/NDF: 4536076.5/44

dit_atr1_4eX_slope vs Slug

Right In: 42.743+/-0.000 χ^2/NDF: 84675.1/17

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 1036.068+/-0.000 χ^2/NDF: 5597831.7/21

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF: 289033.1/42

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 19701065.0/44

dit_atr1_11X12X_slope vs Slug

Right In: -28.865+/-0.035 χ^2/NDF: 49663.4/17

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -23.489+/-0.037 χ^2/NDF: 423432.4/21

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

+ sign -20.924+/-0.012 χ^2/NDF: 483942.1/42

All: -20.341+/-0.009 χ^2/NDF: 1140449.9/87

- sign -19.595+/-0.013 χ^2/NDF: 650697.6/44

dit_atr1_4aY_slope vs Slug

Right In: 13.238+/-0.000 χ^2/NDF: 5793.8/17

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: -66.739+/-0.000 χ^2/NDF: 3189199.9/21

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

+ sign 13.238+/-0.000 χ^2/NDF: 25231.1/42

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 51781179.9/44

dit_atr1_4eY_slope vs Slug

Right In: -32.504+/-0.000 χ^2/NDF: 75187.4/17

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -23.015+/-0.047 χ^2/NDF: 91117.4/21

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

+ sign -32.504+/-0.000 χ^2/NDF: 373575.4/42

All: -32.504+/-0.000 χ^2/NDF: 767933.2/87

- sign -24.763+/-0.014 χ^2/NDF: 106717.2/44

dit_atr2_4aX_slope vs Slug

Right In: -1342.107+/-0.000 χ^2/NDF: 370904.0/17

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1496.932+/-0.000 χ^2/NDF: 511309.7/21

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

+ sign -1342.107+/-0.000 χ^2/NDF: 3461588.1/42

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 2556003.4/44

dit_atr2_4eX_slope vs Slug

Right In: 1873.852+/-0.000 χ^2/NDF: 201839.6/17

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1705.194+/-0.294 χ^2/NDF: 845886.3/21

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF: 882451.2/42

All: 1873.852+/-0.000 χ^2/NDF: 2934287.8/87

- sign 1923.667+/-0.206 χ^2/NDF: 1993486.3/44

dit_atr2_11X12X_slope vs Slug

Right In: -292.986+/-0.000 χ^2/NDF: 1039187.5/17

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -256.808+/-0.056 χ^2/NDF: 530545.1/21

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

+ sign -292.986+/-0.000 χ^2/NDF: 4436115.3/42

All: -292.986+/-0.000 χ^2/NDF: 9595797.8/87

- sign -258.114+/-0.017 χ^2/NDF: 799323.7/44

dit_atr2_4aY_slope vs Slug

Right In: -78.728+/-0.000 χ^2/NDF: 1406171.2/17

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -5.769+/-0.000 χ^2/NDF: 115523.9/21

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

+ sign -78.728+/-0.000 χ^2/NDF: 21916484.1/42

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 1665112.2/44

dit_atr2_4eY_slope vs Slug

Right In: 189.551+/-0.000 χ^2/NDF: 928703.0/17

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.505+/-0.057 χ^2/NDF: 118511.5/21

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

+ sign 189.551+/-0.000 χ^2/NDF: 12449830.2/42

All: 189.551+/-0.000 χ^2/NDF: 23416063.5/87

- sign 119.590+/-0.022 χ^2/NDF: 691422.6/44

dit_sam1_4aX_slope vs Slug

Right In: -1.007+/-0.000 χ^2/NDF: 7195.3/17

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: -11.872+/-0.000 χ^2/NDF: 589998.6/21

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

+ sign -1.007+/-0.000 χ^2/NDF: 60001.7/42

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1614853.7/44

dit_sam1_4eX_slope vs Slug

Right In: -7.899+/-0.000 χ^2/NDF: 42917.2/17

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -2.410+/-0.000 χ^2/NDF: 306255.2/21

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

+ sign -7.899+/-0.000 χ^2/NDF: 417195.4/42

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 1248647.6/44

dit_sam1_11X12X_slope vs Slug

Right In: 0.314+/-0.001 χ^2/NDF: 2793.4/17

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: -0.107+/-0.000 χ^2/NDF: 229736.1/21

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

+ sign 0.311+/-0.000 χ^2/NDF: 7779.6/42

All: -0.107+/-0.000 χ^2/NDF: 7167153.3/87

- sign -0.107+/-0.000 χ^2/NDF: 3535261.8/44

dit_sam1_4aY_slope vs Slug

Right In: -38.539+/-0.000 χ^2/NDF: 14954551.7/17

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.736+/-0.002 χ^2/NDF: 87951.3/21

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

+ sign -38.539+/-0.000 χ^2/NDF: 90833778.1/42

All: -38.539+/-0.000 χ^2/NDF: 236182843.8/8

- sign -51.032+/-0.001 χ^2/NDF: 1465890.1/44

dit_sam1_4eY_slope vs Slug

Right In: -60.594+/-0.000 χ^2/NDF: 26241955.6/17

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.683+/-0.011 χ^2/NDF: 1268270.8/21

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

+ sign -60.594+/-0.000 χ^2/NDF: 360647546.0/42

All: -60.594+/-0.000 χ^2/NDF: 784431645.1/8

- sign 7.133+/-0.003 χ^2/NDF: 1484298.1/44

dit_sam2_4aX_slope vs Slug

Right In: 58.880+/-0.000 χ^2/NDF: 3866.1/17

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 95.846+/-0.000 χ^2/NDF: 62525.7/21

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

+ sign 58.880+/-0.000 χ^2/NDF: 16126.4/42

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 115881.1/44

dit_sam2_4eX_slope vs Slug

Right In: -348.855+/-0.243 χ^2/NDF: 45261.0/17

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -498.692+/-0.000 χ^2/NDF: 911970.2/21

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

+ sign -278.703+/-0.161 χ^2/NDF: 217276.4/42

All: -498.692+/-0.000 χ^2/NDF: 4516085.0/87

- sign -498.692+/-0.000 χ^2/NDF: 2433097.9/44

dit_sam2_11X12X_slope vs Slug

Right In: 1.930+/-0.000 χ^2/NDF: 60014.5/17

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 3.123+/-0.000 χ^2/NDF: 513098.4/21

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

+ sign 1.930+/-0.000 χ^2/NDF: 762091.1/42

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 3606898.5/44

dit_sam2_4aY_slope vs Slug

Right In: 54.556+/-0.000 χ^2/NDF: 9915674.9/17

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.465+/-0.018 χ^2/NDF: 99497.9/21

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

+ sign 54.556+/-0.000 χ^2/NDF: 76122473.6/42

All: 54.556+/-0.000 χ^2/NDF: 148679405.2/87

- sign 11.931+/-0.005 χ^2/NDF: 580253.3/44

dit_sam2_4eY_slope vs Slug

Right In: -382.108+/-0.000 χ^2/NDF: 18975720.4/17

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -483.800+/-0.000 χ^2/NDF: 25066844.4/21

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

+ sign -382.108+/-0.000 χ^2/NDF: 314914550.8/42

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 680612799.0/44

dit_sam3_4aX_slope vs Slug

Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/17

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -26.577+/-0.000 χ^2/NDF: 2893.0/21

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

+ sign -26.504+/-0.000 χ^2/NDF: 8406.2/42

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 10737.8/44

dit_sam3_4eX_slope vs Slug

Right In: -79.376+/-0.000 χ^2/NDF: 1340.0/17

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -83.067+/-0.168 χ^2/NDF: 11964.3/21

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

+ sign -79.376+/-0.000 χ^2/NDF: 23685.3/42

All: -79.376+/-0.000 χ^2/NDF: 52082.5/87

- sign -74.916+/-0.133 χ^2/NDF: 27268.0/44

dit_sam3_11X12X_slope vs Slug

Right In: 0.521+/-0.000 χ^2/NDF: 3545.8/17

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.428+/-0.011 χ^2/NDF: 3184.6/21

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF: 28718.2/42

All: 0.521+/-0.000 χ^2/NDF: 50886.4/87

- sign 0.396+/-0.001 χ^2/NDF: 14585.2/44

dit_sam3_4aY_slope vs Slug

Right In: -2.320+/-0.000 χ^2/NDF: 271621.8/17

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -4.995+/-0.010 χ^2/NDF: 53705.8/21

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF: 3534447.6/42

All: -2.320+/-0.000 χ^2/NDF: 7179668.4/87

- sign -6.737+/-0.002 χ^2/NDF: 94363.5/44

dit_sam3_4eY_slope vs Slug

Right In: 11.268+/-0.000 χ^2/NDF: 975214.7/17

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 37.191+/-0.000 χ^2/NDF: 1125231.6/21

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

+ sign 11.268+/-0.000 χ^2/NDF: 5934839.6/42

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 2128469.0/44

dit_sam4_4aX_slope vs Slug

Right In: -4.139+/-0.000 χ^2/NDF: 5056.8/17

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 51.976+/-0.164 χ^2/NDF: 56904.8/21

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

+ sign -4.139+/-0.000 χ^2/NDF: 52688.3/42

All: -4.139+/-0.000 χ^2/NDF: 289922.0/87

- sign 52.855+/-0.137 χ^2/NDF: 63324.3/44

dit_sam4_4eX_slope vs Slug

Right In: -124.095+/-0.000 χ^2/NDF: 47301.4/17

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -270.100+/-0.110 χ^2/NDF: 297472.8/21

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

+ sign -124.095+/-0.000 χ^2/NDF: 192667.9/42

All: -124.095+/-0.000 χ^2/NDF: 2437524.1/87

- sign -263.716+/-0.101 χ^2/NDF: 329953.2/44

dit_sam4_11X12X_slope vs Slug

Right In: 0.888+/-0.000 χ^2/NDF: 8761.4/17

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 6093.5/21

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

+ sign 0.888+/-0.000 χ^2/NDF: 50308.6/42

All: 0.888+/-0.000 χ^2/NDF: 422293605.2/87

- sign -0.225+/-0.000 χ^2/NDF: 173588.1/44

dit_sam4_4aY_slope vs Slug

Right In: 4.057+/-0.000 χ^2/NDF: 1248096.5/17

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.892+/-0.026 χ^2/NDF: 116705.2/21

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

+ sign 4.057+/-0.000 χ^2/NDF: 5552506.6/42

All: 4.057+/-0.000 χ^2/NDF: 12125446.2/87

- sign -17.999+/-0.009 χ^2/NDF: 325469.8/44

dit_sam4_4eY_slope vs Slug

Right In: 158.293+/-0.000 χ^2/NDF: 2428249.5/17

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 175.536+/-0.000 χ^2/NDF: 2163389.2/21

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF: 13282414.2/42

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 9828035.4/44

dit_sam5_4aX_slope vs Slug

Right In: 3.778+/-0.000 χ^2/NDF: 7096.3/17

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.560+/-0.024 χ^2/NDF: 22683.8/21

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

+ sign 3.778+/-0.000 χ^2/NDF: 75388.5/42

All: 3.778+/-0.000 χ^2/NDF: 176979.0/87

- sign 7.761+/-0.018 χ^2/NDF: 52863.5/44

dit_sam5_4eX_slope vs Slug

Right In: -0.287+/-0.000 χ^2/NDF: 44436.6/17

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -3.902+/-0.025 χ^2/NDF: 95392.5/21

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

+ sign -0.287+/-0.000 χ^2/NDF: 118318.8/42

All: -0.287+/-0.000 χ^2/NDF: 336637.7/87

- sign -4.919+/-0.019 χ^2/NDF: 156598.6/44

dit_sam5_11X12X_slope vs Slug

Right In: 0.193+/-0.000 χ^2/NDF: 10549.3/17

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.286+/-0.001 χ^2/NDF: 6568.5/21

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

+ sign 0.193+/-0.000 χ^2/NDF: 77140.4/42

All: 0.193+/-0.000 χ^2/NDF: 168603.6/87

- sign 0.334+/-0.000 χ^2/NDF: 11941.2/44

dit_sam5_4aY_slope vs Slug

Right In: 35.653+/-0.011 χ^2/NDF: 218859.9/17

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 89.735+/-0.000 χ^2/NDF: 25987213.8/21

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

+ sign 32.134+/-0.003 χ^2/NDF: 384368.0/42

All: 89.735+/-0.000 χ^2/NDF: 679228795.6/87

- sign 89.735+/-0.000 χ^2/NDF: 311300366.0/44

dit_sam5_4eY_slope vs Slug

Right In: 87.960+/-0.031 χ^2/NDF: 2456722.3/17

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 27.798+/-0.000 χ^2/NDF: 9705234.6/21

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

+ sign 115.589+/-0.008 χ^2/NDF: 3457100.6/42

All: 27.798+/-0.000 χ^2/NDF: 248987232.5/87

- sign 27.798+/-0.000 χ^2/NDF: 112413034.9/44

dit_sam6_4aX_slope vs Slug

Right In: 48.450+/-0.000 χ^2/NDF: 2756.3/17

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 27.342+/-0.000 χ^2/NDF: 27584.7/21

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF: 31378.1/42

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 137100.1/44

dit_sam6_4eX_slope vs Slug

Right In: -16.855+/-0.145 χ^2/NDF: 16119.4/17

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: -5.568+/-0.000 χ^2/NDF: 57348.6/21

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

+ sign -4.929+/-0.098 χ^2/NDF: 38767.7/42

All: -5.568+/-0.000 χ^2/NDF: 108157.5/87

- sign -5.568+/-0.000 χ^2/NDF: 69347.2/44

dit_sam6_11X12X_slope vs Slug

Right In: 0.830+/-0.000 χ^2/NDF: 15202.1/17

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.227+/-0.000 χ^2/NDF: 12988.5/21

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

+ sign 0.830+/-0.000 χ^2/NDF: 138614.0/42

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 152119.0/44

dit_sam6_4aY_slope vs Slug

Right In: 22.392+/-0.009 χ^2/NDF: 125516.7/17

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 23.016+/-0.009 χ^2/NDF: 166204.9/21

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

+ sign 16.458+/-0.004 χ^2/NDF: 1041971.4/42

All: 16.569+/-0.003 χ^2/NDF: 2112651.1/87

- sign 16.695+/-0.004 χ^2/NDF: 1068912.1/44

dit_sam6_4eY_slope vs Slug

Right In: -2.596+/-0.000 χ^2/NDF: 7735003.9/17

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 1.758+/-0.000 χ^2/NDF: 4421638.4/21

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF: 150522986.2/42

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 134161191.4/44

dit_sam7_4aX_slope vs Slug

Right In: 83.573+/-0.000 χ^2/NDF: 49679.0/17

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 93.762+/-0.000 χ^2/NDF: 85558.9/21

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF: 60626.2/42

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 115223.3/44

dit_sam7_4eX_slope vs Slug

Right In: -123.524+/-0.000 χ^2/NDF: 160584.3/17

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -133.456+/-0.000 χ^2/NDF: 396773.3/21

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF: 181519.3/42

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 409969.0/44

dit_sam7_11X12X_slope vs Slug

Right In: 0.376+/-0.000 χ^2/NDF: 4106.0/17

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.357+/-0.002 χ^2/NDF: 5077.4/21

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

+ sign 0.376+/-0.000 χ^2/NDF: 15646.4/42

All: 0.376+/-0.000 χ^2/NDF: 35256.7/87

- sign 0.406+/-0.000 χ^2/NDF: 14730.4/44

dit_sam7_4aY_slope vs Slug

Right In: 7.032+/-0.000 χ^2/NDF: 19773.7/17

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.237+/-0.002 χ^2/NDF: 10268.5/21

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

+ sign 7.032+/-0.000 χ^2/NDF: 91578.5/42

All: 7.032+/-0.000 χ^2/NDF: 191297.9/87

- sign 7.234+/-0.001 χ^2/NDF: 33356.1/44

dit_sam7_4eY_slope vs Slug

Right In: -10.092+/-0.000 χ^2/NDF: 544420.0/17

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.490+/-0.004 χ^2/NDF: 104770.5/21

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

+ sign -10.092+/-0.000 χ^2/NDF: 2186383.6/42

All: -10.092+/-0.000 χ^2/NDF: 4258405.1/87

- sign -12.227+/-0.002 χ^2/NDF: 160726.4/44

dit_sam8_4aX_slope vs Slug

Right In: 57.510+/-0.000 χ^2/NDF: 8992.4/17

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 66.471+/-0.013 χ^2/NDF: 14591.5/21

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

+ sign 57.510+/-0.000 χ^2/NDF: 27890.2/42

All: 57.510+/-0.000 χ^2/NDF: 548703.0/87

- sign 65.781+/-0.012 χ^2/NDF: 44602.8/44

dit_sam8_4eX_slope vs Slug

Right In: -74.974+/-0.000 χ^2/NDF: 142230.4/17

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -101.607+/-0.017 χ^2/NDF: 83830.0/21

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

+ sign -74.974+/-0.000 χ^2/NDF: 428579.1/42

All: -74.974+/-0.000 χ^2/NDF: 3287342.8/87

- sign -100.269+/-0.015 χ^2/NDF: 123523.5/44

dit_sam8_11X12X_slope vs Slug

Right In: 0.541+/-0.000 χ^2/NDF: 29181.6/17

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.030+/-0.000 χ^2/NDF: 124440.6/21

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF: 247292.9/42

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 1364989.5/44

dit_sam8_4aY_slope vs Slug

Right In: -51.887+/-0.002 χ^2/NDF: 77860.9/17

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.678+/-0.003 χ^2/NDF: 57831.1/21

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

+ sign -49.128+/-0.001 χ^2/NDF: 2662587.8/42

All: -49.136+/-0.001 χ^2/NDF: 5700149.0/87

- sign -49.143+/-0.001 χ^2/NDF: 3037428.4/44

dit_sam8_4eY_slope vs Slug

Right In: 47.545+/-0.000 χ^2/NDF: 3605032.9/17

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 62.840+/-0.007 χ^2/NDF: 384025.4/21

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

+ sign 47.545+/-0.000 χ^2/NDF: 9953883.7/42

All: 47.545+/-0.000 χ^2/NDF: 22381894.8/87

- sign 55.650+/-0.002 χ^2/NDF: 1550305.7/44

dit_4aX_coil1_mean vs Slug

Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

+ sign -396.025+/-0.000 χ^2/NDF: 22413307403279

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

All: -397.428+/-0.000 χ^2/NDF: 50007078016

Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

- sign -398.805+/-0.000 χ^2/NDF: 27587676580489 4

Left In: -499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655 11424.0/10

dit_4aX_coil1_err_mean vs Slug

Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF:671805351517286388583643235116646 4.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

Left In: 7.475+/-0.000 χ^2/NDF:705781213939957953887024455037747 2.0/10

+ sign 6.452+/-0.000 χ^2/NDF: 1697855997373560 0

All: 6.388+/-0.000 χ^2/NDF: 3382091542103 2

- sign 6.325+/-0.000 χ^2/NDF: 1682963630535428 1

dit_4aX_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eX_coil1_mean vs Slug

Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

Left In: -493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF: 22079891664929

All: -392.652+/-0.000 χ^2/NDF: 4898061305 9

- sign -394.346+/-0.000 χ^2/NDF: 26891512652234 9

dit_4eX_coil1_err_mean vs Slug

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ sign 6.052+/-0.000 χ^2/NDF: 17165819902724187

All: 5.980+/-0.000 χ^2/NDF: 3369237121731 7

- sign 5.909+/-0.000 χ^2/NDF: 16510437517508147

dit_4eX_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_11X12X_coil1_mean vs Slug

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -215.798+/-0.000 χ^2/NDF: 12928194150556

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

All: -216.509+/-0.000 χ^2/NDF: 2868258790 5

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -217.208+/-0.000 χ^2/NDF: 15738723291882 8

Left In: -231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10

dit_11X12X_coil1_err_mean vs Slug

Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000 χ^2/NDF:16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF: 3372642652062640

All: 9.118+/-0.000 χ^2/NDF: 5274298923072

- sign 8.814+/-0.000 χ^2/NDF: 1871995538454847

dit_11X12X_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4aY_coil1_mean vs Slug

Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

Left In: 3.559+/-0.000 χ^2/NDF:649266734510996254065216575871385 6.0/10

+ sign 3.152+/-0.000 χ^2/NDF: 9706740430384465 2

All: 3.059+/-0.000 χ^2/NDF: 2009161690014 0

- sign 2.967+/-0.000 χ^2/NDF: 1035792346167818 0

dit_4aY_coil1_err_mean vs Slug

Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 44438451166251904002237175483596 8.0/15

Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ sign 1.782+/-0.000 χ^2/NDF: 7056481563225870 1

All: 1.743+/-0.000 χ^2/NDF: 1313220914474 7

- sign 1.704+/-0.000 χ^2/NDF: 6027735190939702 5

dit_4aY_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eY_coil1_mean vs Slug

Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

+ sign 3.589+/-0.000 χ^2/NDF: 8481178719406326 3

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

All: 3.682+/-0.000 χ^2/NDF: 2115006474861 8

Right Out: 3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

- sign 3.773+/-0.000 χ^2/NDF: 1264203955766305 5

Left In: 4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

dit_4eY_coil1_err_mean vs Slug

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ sign 1.772+/-0.000 χ^2/NDF: 5852917526076302 2

All: 1.732+/-0.000 χ^2/NDF: 1153974995120 4

- sign 1.693+/-0.000 χ^2/NDF: 5637459610946310 5

dit_4eY_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usl_coil1_mean vs Slug

Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 30938.190+/-0.000 χ^2/NDF:2223120169525786977327536910002239517491 2.0/10

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF: 1086683983858

All: 25421.772+/-0.000 χ^2/NDF: 2411086165

- sign 25517.305+/-0.000 χ^2/NDF: 1324102555101

dit_usl_coil1_err_mean vs Slug

Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ sign 548.687+/-0.000 χ^2/NDF: 119411567412423

All: 565.091+/-0.000 χ^2/NDF: 25920240108 2

- sign 580.516+/-0.000 χ^2/NDF: 139009735968020

dit_usl_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ sign 1138.127+/-0.000 χ^2/NDF: 6641265069081 5

All: 1140.682+/-0.000 χ^2/NDF: 1606617172 9

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usr_coil1_mean vs Slug

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -27085.326+/-0.000 χ^2/NDF:1691367179083000245172471305621049285017 6.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF: 621850607090

All: -23514.355+/-0.000 χ^2/NDF: 135979518

- sign -23671.259+/-0.000 χ^2/NDF: 7371541854107

dit_usr_coil1_err_mean vs Slug

Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ sign 642.112+/-0.000 χ^2/NDF: 1191300778027 78

All: 627.811+/-0.000 χ^2/NDF: 2139641066 83

- sign 613.763+/-0.000 χ^2/NDF: 942003984332138

dit_usr_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atl1_coil1_mean vs Slug

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -12461.801+/-0.000 χ^2/NDF: 158576463536

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

All: -13800.033+/-0.000 χ^2/NDF: 200733129

Right Out: -10866.264+/-0.000 χ^2/NDF: 142347628388583824845259016441316266475 52.0/15

- sign -15114.713+/-0.000 χ^2/NDF: 366076884081

Left In: -18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

dit_atl1_coil1_err_mean vs Slug

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

+ sign 696.059+/-0.000 χ^2/NDF: 43838207845777 4

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

All: 787.665+/-0.000 χ^2/NDF: 2434168948 39

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 877.659+/-0.000 χ^2/NDF: 19697853901896 5

Left In: 722.743+/-0.000 χ^2/NDF:33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atl2_coil1_mean vs Slug

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 39992.082+/-0.000 χ^2/NDF: 2394993878358

Left Out: 47501.916+/-0.000 χ^2/NDF:4359171533493380164556519983676176675635 2.0/11

All: 39740.450+/-0.000 χ^2/NDF: 5413093002

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 39493.245+/-0.000 χ^2/NDF: 3016137188389

Left In: 49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

dit_atl2_coil1_err_mean vs Slug

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ sign 2675.926+/-0.000 χ^2/NDF: 3342430084804 2

All: 2706.904+/-0.000 χ^2/NDF: 6300549156 5

- sign 2737.338+/-0.000 χ^2/NDF: 2955145483288 7

dit_atl2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atr1_coil1_mean vs Slug

Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 22498.900+/-0.000 χ^2/NDF: 953635786596 4

Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11

All: 22561.315+/-0.000 χ^2/NDF: 2024381611

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

dit_atr1_coil1_err_mean vs Slug

Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 686.873+/-0.000 χ^2/NDF: 216406275122554
Left Out: 744.985+/-0.000 χ^2/NDF:195714539842789617199362478705444126 72.0/11
All: 730.430+/-0.000 χ^2/NDF: 127166116576
Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
- sign 773.220+/-0.000 χ^2/NDF: 104937647672496
Left In: 790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10

dit_atr1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atr2_coil1_mean vs Slug

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
+ sign -30788.276+/-0.000 χ^2/NDF: 168137649264
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
All: -31059.001+/-0.000 χ^2/NDF: 345412130
Right Out: -20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
- sign -31324.961+/-0.000 χ^2/NDF: 177047387117 6
Left In: -39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10

dit_atr2_coil1_err_mean vs Slug

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2749.812+/-0.000 χ^2/NDF: 20064864272112

Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11

All: 2818.755+/-0.000 χ^2/NDF: 7140152506

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2886.485+/-0.000 χ^2/NDF: 51189384320628

Left In: 3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10

dit_atr2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_sam1_coil1_mean vs Slug

Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 5919.511+/-0.000 χ^2/NDF:2779072700024845827027981240176985767936.0/11

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ sign 4658.227+/-0.000 χ^2/NDF: 7601149842913 6

All: 4782.966+/-0.000 χ^2/NDF: 1547458955 5

- sign 4905.510+/-0.000 χ^2/NDF: 7825227654718 7

dit_sam1_coil1_err_mean vs Slug

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 127.294+/-0.000 χ^2/NDF: 487151185585046

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

All: 131.289+/-0.000 χ^2/NDF: 95675897587 3

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

- sign 135.214+/-0.000 χ^2/NDF: 464661599123883

Left In: 134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

dit_sam1_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam2_coil1_mean vs Slug

Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 92210.698+/-0.000 χ^2/NDF:2265774766578075852020837676853602895790 08.0/11

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82916.711+/-0.000 χ^2/NDF: 6045168976255

All: 83004.616+/-0.000 χ^2/NDF: 1272083143

- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug

Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1331.958+/-0.000 χ^2/NDF: 7669711709446 3
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
All: 1318.066+/-0.000 χ^2/NDF: 1516733584 6
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1304.419+/-0.000 χ^2/NDF: 7491644636116 1
Left Out: 1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777 09312.0/10

dit_sam2_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam3_coil1_mean vs Slug

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44467.216+/-0.000 χ^2/NDF: 2937224586407

All: 43669.971+/-0.000 χ^2/NDF: 6336704207

- sign 42886.756+/-0.000 χ^2/NDF: 3379785593938

dit_sam3_coil1_err_mean vs Slug

Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
+ sign 775.881+/-0.000 χ^2/NDF: 286585359117303
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
All: 751.182+/-0.000 χ^2/NDF: 54677004059 5
Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
- sign 726.918+/-0.000 χ^2/NDF: 258294460548114
Left Out: 817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

dit_sam3_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam4_coil1_mean vs Slug

Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 73304.445+/-0.000 χ^2/NDF: 9753549747664

Left Out: 87421.965+/-0.000 χ^2/NDF:1760094479339731722987658082695880743321 60.0/11

All: 72430.299+/-0.000 χ^2/NDF: 2150195804

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 71571.537+/-0.000 χ^2/NDF: 1172473175377

Left In: 90573.760+/-0.000 χ^2/NDF:9057408139435422159394926231240668558131 2.0/10

dit_sam4_coil1_err_mean vs Slug

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1256.670+/-0.000 χ^2/NDF: 7383903586921 0

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

All: 1216.192+/-0.000 χ^2/NDF: 1403124317 1

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1176.426+/-0.000 χ^2/NDF: 6596572092346 2

Left In: 1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

dit_sam4_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam5_coil1_mean vs Slug

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1622.879+/-0.000 χ^2/NDF: 8598208756687
Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11
All: -1582.115+/-0.000 χ^2/NDF: 1820300419
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1542.068+/-0.000 χ^2/NDF: 9599646635049 9
Left In: -2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug

Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 300.154+/-0.000 χ^2/NDF:387302142868535294113705344869020467 2.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ sign 257.303+/-0.000 χ^2/NDF: 1240007740198 19

All: 255.177+/-0.000 χ^2/NDF: 2735697932 25

- sign 253.089+/-0.000 χ^2/NDF: 1494290075336 01

dit_sam5_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam6_coil1_mean vs Slug

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -23366.201+/-0.000 χ^2/NDF: 194472008437

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

All: -23588.925+/-0.000 χ^2/NDF: 448707023

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -23807.730+/-0.000 χ^2/NDF: 254081310517 5

Left In: -33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

dit_sam6_coil1_err_mean vs Slug

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ sign 395.846+/-0.000 χ^2/NDF: 479955291741577

All: 397.856+/-0.000 χ^2/NDF: 11339404452

- sign 399.831+/-0.000 χ^2/NDF: 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam7_coil1_mean vs Slug

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

+ sign 16453.470+/-0.000 χ^2/NDF: 5606673689556

Left Out: 19940.398+/-0.000 χ^2/NDF:1506948674334586650686865800840029300326 4.0/11

All: 16388.663+/-0.000 χ^2/NDF: 1169361701

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

- sign 16324.997+/-0.000 χ^2/NDF: 6085641974902

Left In: 20645.358+/-0.000 χ^2/NDF:8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug

Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14

Left Out: 277.638+/-0.000 χ^2/NDF:8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF: 28728439795092 7

All: 239.833+/-0.000 χ^2/NDF: 5377808377 00

- sign 234.833+/-0.000 χ^2/NDF: 24969382199818 6

dit_sam7_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam8_coil1_mean vs Slug

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12296.165+/-0.000 χ^2/NDF: 3443417214700

Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11

All: 12272.324+/-0.000 χ^2/NDF: 7778802513

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 12248.903+/-0.000 χ^2/NDF: 4335209183534

Left In: 15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF: 143703436446713

All: 182.985+/-0.000 χ^2/NDF: 30557896618

- sign 180.765+/-0.000 χ^2/NDF: 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_4aX_coil3_mean vs Slug

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ sign -65.212+/-0.000 χ^2/NDF: 131026728865009

All: -65.438+/-0.000 χ^2/NDF: 289770508585

- sign -65.660+/-0.000 χ^2/NDF: 1587279434769043

dit_4aX_coil3_err_mean vs Slug

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ sign 2.472+/-0.000 χ^2/NDF: 3704648684810753 4

All: 2.501+/-0.000 χ^2/NDF: 6972966397361 3

- sign 2.528+/-0.000 χ^2/NDF: 3265884582788506 2

dit_4aX_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eX_coil3_mean vs Slug

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -89.439+/-0.000 χ^2/NDF:1811199629856908411387884279724769 28.0/11

Right Out: -37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

Left In: -94.799+/-0.000 χ^2/NDF:4907705003261100698215696807493632 0.0/10

+ sign -70.276+/-0.000 χ^2/NDF: 118874483717720

All: -70.599+/-0.000 χ^2/NDF: 264393332090

- sign -70.917+/-0.000 χ^2/NDF: 1454865139874700

dit_4eX_coil3_err_mean vs Slug

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.458+/-0.000 χ^2/NDF: 41727539916182850

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

All: 2.487+/-0.000 χ^2/NDF: 7922695447655 6

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.515+/-0.000 χ^2/NDF: 37473289103826657

Left In: 2.321+/-0.000 χ^2/NDF:7461912322461632454440450523136 0.0/10

dit_4eX_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_11X12X_coil3_mean vs Slug

Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Left In: -82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

+ sign -76.088+/-0.000 χ^2/NDF: 163548804335171

All: -76.457+/-0.000 χ^2/NDF: 374001309343

- sign -76.820+/-0.000 χ^2/NDF: 210029328717765 7

dit_11X12X_coil3_err_mean vs Slug

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Left Out: 2.830+/-0.000 χ^2/NDF:4927490260288389079478296211619 84.0/11

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

+ sign 3.230+/-0.000 χ^2/NDF: 4049963498640373 1

All: 3.208+/-0.000 χ^2/NDF: 7529870581400 8

- sign 3.187+/-0.000 χ^2/NDF: 3478464708331367 3

dit_11X12X_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

dit_4aY_coil3_mean vs Slug

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.075+/-0.000 χ^2/NDF: 13044380384615704

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

All: 4.029+/-0.000 χ^2/NDF: 2560414246886

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.983+/-0.000 χ^2/NDF: 12492685976346881

Left In: 4.102+/-0.000 χ^2/NDF:329978343606173709019066465779712.0/10

dit_4aY_coil3_err_mean vs Slug

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ sign 0.574+/-0.000 χ^2/NDF: 3436129971052193 9

All: 0.573+/-0.000 χ^2/NDF: 6843499060382 9

- sign 0.571+/-0.000 χ^2/NDF: 3407270582825896 1

dit_4aY_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eY_coil3_mean vs Slug

Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.132+/-0.000 χ^2/NDF: 1220685145713443 6

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

All: 4.200+/-0.000 χ^2/NDF: 2412675813766 7

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.267+/-0.000 χ^2/NDF: 1177531921685944 1

Left In: 4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

dit_4eY_coil3_err_mean vs Slug

Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

Left In: 0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

+ sign 0.555+/-0.000 χ^2/NDF: 2643049426834441 4

All: 0.552+/-0.000 χ^2/NDF: 5132404474618 2

- sign 0.549+/-0.000 χ^2/NDF: 2489112067555135 9

dit_4eY_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_usl_coil3_mean vs Slug

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4904.094+/-0.000 χ^2/NDF: 5219905519313 5
Left Out: 6243.976+/-0.000 χ^2/NDF:8112307861683783027801391656887113482 24.0/10
All: 4954.171+/-0.000 χ^2/NDF: 1173127883 1
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 5001.259+/-0.000 χ^2/NDF: 65040940380317
Left Out: 6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640 93696.0/10

dit_usl_coil3_err_mean vs Slug

Right In: 213.739+/-0.000 χ^2/NDF: 197181381090540021143611498605072875 52.0/14

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Left In: 193.543+/-0.000 χ^2/NDF:598931150644293332680217057881489408.0/10

+ sign 198.004+/-0.000 χ^2/NDF: 21059649970199 0

All: 204.600+/-0.000 χ^2/NDF: 46454573785 3

- sign 210.803+/-0.000 χ^2/NDF: 252686308073901

dit_usl_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1150.834+/-0.000 χ^2/NDF: 7336754837783

All: 1157.745+/-0.000 χ^2/NDF: 2002333714

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930

dit_usr_coil3_mean vs Slug

Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4386.382+/-0.000 χ^2/NDF: 3254755460990
Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11
All: -4405.811+/-0.000 χ^2/NDF: 7243621292
Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
- sign -4424.898+/-0.000 χ^2/NDF: 39876961959136
Left In: -5647.632+/-0.000 χ^2/NDF:1642143129080356452151263569354917150 72.0/10

dit_usr_coil3_err_mean vs Slug

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 222647600887529017925618929916570501 12.0/15

Left In: 175.100+/-0.000 χ^2/NDF:532319905760316522814470909096624128.0/10

+ sign 213.672+/-0.000 χ^2/NDF: 31559661573159 6

All: 215.351+/-0.000 χ^2/NDF: 5823479178 10

- sign 217.000+/-0.000 χ^2/NDF: 266663969074785

dit_usr_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl1_coil3_mean vs Slug

Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2119.303+/-0.000 χ^2/NDF: 6256498974115
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
All: -2367.087+/-0.000 χ^2/NDF: 8100740550
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2610.511+/-0.000 χ^2/NDF: 1654003244515 9
Left In: -3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10

dit_atl1_coil3_err_mean vs Slug

Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

+ sign 235.441+/-0.000 χ^2/NDF: 17570532501070 5

Left Out: 148.359+/-0.000 χ^2/NDF:1090286331733366082581256970807803904.0/11

All: 349.608+/-0.000 χ^2/NDF: 2507121059 72

Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15

- sign 461.767+/-0.000 χ^2/NDF: 229102929368244

Left In: 149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10

dit_atl1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl2_coil3_mean vs Slug

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF: 1245021204237 8

All: 8034.568+/-0.000 χ^2/NDF: 2882072003 4

- sign 8070.804+/-0.000 χ^2/NDF: 16366292406753

dit_atl2_coil3_err_mean vs Slug

Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

Left In: 747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10

+ sign 775.866+/-0.000 χ^2/NDF: 409985766107580

All: 784.449+/-0.000 χ^2/NDF: 7616721952 37

- sign 792.881+/-0.000 χ^2/NDF: 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr1_coil3_mean vs Slug

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3950.684+/-0.000 χ^2/NDF: 4951222150241

Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11

All: 3991.515+/-0.000 χ^2/NDF: 1040455023

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 4031.627+/-0.000 χ^2/NDF: 5448162434536 3

Left In: 5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10

dit_atr1_coil3_err_mean vs Slug

Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Left In: 183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF: 112672514913123

All: 257.960+/-0.000 χ^2/NDF: 41035727361

- sign 275.340+/-0.000 χ^2/NDF: 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr2_coil3_mean vs Slug

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5366.500+/-0.000 χ^2/NDF: 8538549854874
Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11
All: -5383.560+/-0.000 χ^2/NDF: 1739572201
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5400.320+/-0.000 χ^2/NDF: 8856270344208
Left In: -7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

dit_atr2_coil3_err_mean vs Slug

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 797.669+/-0.000 χ^2/NDF: 312371598473089
Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11
All: 911.528+/-0.000 χ^2/NDF: 428810018271
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1023.383+/-0.000 χ^2/NDF: 39355602156889
Left In: 650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

dit_atr2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam1_coil3_mean vs Slug

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ sign 651.454+/-0.000 χ^2/NDF: 457110601754155

All: 671.406+/-0.000 χ^2/NDF: 95149930692 5

- sign 691.006+/-0.000 χ^2/NDF: 493155274089920

dit_sam1_coil3_err_mean vs Slug

Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

+ sign 49.444+/-0.000 χ^2/NDF: 2897043511629601

All: 51.139+/-0.000 χ^2/NDF: 602792654960 6

- sign 52.804+/-0.000 χ^2/NDF: 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam2_coil3_mean vs Slug

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 14279.004+/-0.000 χ^2/NDF: 3768368481481

Left Out: 17405.049+/-0.000 χ^2/NDF:7689801671099378791544545422175664865280.0/11

All: 14233.622+/-0.000 χ^2/NDF: 8022211512

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 14189.038+/-0.000 χ^2/NDF: 4253204880235

Left In: 17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug

Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

+ sign 570.604+/-0.000 χ^2/NDF: 335667061264854

Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11

All: 576.292+/-0.000 χ^2/NDF: 666328037619

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 581.880+/-0.000 χ^2/NDF: 330560730510906

Left In: 444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10

dit_sam2_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam3_coil3_mean vs Slug

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 7876.592+/-0.000 χ^2/NDF: 15792133720732

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

All: 7713.049+/-0.000 χ^2/NDF: 3351230123 5

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15

- sign 7552.383+/-0.000 χ^2/NDF: 17637293606384

Left In: 9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734 7712.0/10

dit_sam3_coil3_err_mean vs Slug

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 275.181+/-0.000 χ^2/NDF:3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF: 685967694208858

All: 315.450+/-0.000 χ^2/NDF: 13377830011 5

- sign 313.047+/-0.000 χ^2/NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam4_coil3_mean vs Slug

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14255.973+/-0.000 χ^2/NDF: 5102685220080

Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11

All: 14090.424+/-0.000 χ^2/NDF: 1121885161

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 13927.789+/-0.000 χ^2/NDF: 6107674529188

Left In: 18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10

dit_sam4_coil3_err_mean vs Slug

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ sign 489.272+/-0.000 χ^2/NDF: 873553872862030

All: 487.941+/-0.000 χ^2/NDF: 17202025163 6

- sign 486.633+/-0.000 χ^2/NDF: 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam5_coil3_mean vs Slug

Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
+ sign 203.495+/-0.000 χ^2/NDF: 27061307526086 4
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
All: 205.734+/-0.000 χ^2/NDF: 5621128652 05
Right Out: 461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
- sign 207.935+/-0.000 χ^2/NDF: 2914842472029 32
Left In: 24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10

dit_sam5_coil3_err_mean vs Slug

Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 72.455+/-0.000 χ^2/NDF: 1140205339739572

Left Out: 61.067+/-0.000 χ^2/NDF:2115070802130485076473310779612856 32.0/11

All: 71.718+/-0.000 χ^2/NDF: 2577899671839

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 70.994+/-0.000 χ^2/NDF: 1436012461961461

Left In: 59.604+/-0.000 χ^2/NDF:9086262518198566437532346316803276 8.0/10

dit_sam5_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam6_coil3_mean vs Slug

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
+ sign -3598.213+/-0.000 χ^2/NDF: 7683373457426
Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11
All: -3651.666+/-0.000 χ^2/NDF: 1758908860
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3704.179+/-0.000 χ^2/NDF: 98968619860202
Left Out: -5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

dit_sam6_coil3_err_mean vs Slug

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Left In: 151.203+/-0.000 χ^2/NDF:382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF: 135424557525506

All: 131.277+/-0.000 χ^2/NDF: 33864992632

- sign 132.206+/-0.000 χ^2/NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam7_coil3_mean vs Slug

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

+ sign 3447.245+/-0.000 χ^2/NDF: 2438290741396

All: 3438.707+/-0.000 χ^2/NDF: 5131604048

- sign 3430.319+/-0.000 χ^2/NDF: 26930874223674

dit_sam7_coil3_err_mean vs Slug

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.470+/-0.000 χ^2/NDF:1636065866092155151746011396204134 40.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ sign 110.253+/-0.000 χ^2/NDF: 627090967671002

All: 111.604+/-0.000 χ^2/NDF: 13074452472 3

- sign 112.932+/-0.000 χ^2/NDF: 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam8_coil3_mean vs Slug

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ sign 2594.359+/-0.000 χ^2/NDF: 1437464688432

All: 2601.420+/-0.000 χ^2/NDF: 3238374299

- sign 2608.357+/-0.000 χ^2/NDF: 18007551336700

dit_sam8_coil3_err_mean vs Slug

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 79.794+/-0.000 χ^2/NDF: 1380118069986945

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

All: 80.046+/-0.000 χ^2/NDF: 299335194248 3

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 80.294+/-0.000 χ^2/NDF: 1613036492452020

Left In: 82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

dit_sam8_coil3_Ndata_mean vs Slug

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4aX_coil7_mean vs Slug

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 84.895+/-0.000 χ^2/NDF: 1350932583122595

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

All: 86.771+/-0.000 χ^2/NDF: 2705497277682

Right Out: 169.108+/-0.000 χ^2/NDF: 6040721802042936822766910687819071488.0/15

- sign 88.613+/-0.000 χ^2/NDF: 1353475070284198

Left In: 30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

dit_4aX_coil7_err_mean vs Slug

Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.595+/-0.000 χ^2/NDF: 18660029983466047

Left Out: 5.783+/-0.000 χ^2/NDF:20821036504112099958625190061015 04.0/11

All: 6.585+/-0.000 χ^2/NDF: 3255111946980 5

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 6.575+/-0.000 χ^2/NDF: 13890781213861884

Left In: 6.228+/-0.000 χ^2/NDF:23319117516557338093554890241474 56.0/10

dit_4aX_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eX_coil7_mean vs Slug

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.155+/-0.000 χ^2/NDF: 9534162342398363

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

All: 75.703+/-0.000 χ^2/NDF: 1902686413208

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF: 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

dit_4eX_coil7_err_mean vs Slug

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:16574766732227345495360624153067 52.0/11

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ sign 6.149+/-0.000 χ^2/NDF: 2109105727582817 7

All: 6.144+/-0.000 χ^2/NDF: 3719444625202 6

- sign 6.138+/-0.000 χ^2/NDF: 1610329718374636 8

dit_4eX_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_11X12X_coil7_mean vs Slug

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -404.151+/-0.000 χ^2/NDF: 60752984444318

Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11

All: -410.856+/-0.000 χ^2/NDF: 11678350413

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -417.444+/-0.000 χ^2/NDF: 546374662460811

Left In: -433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

dit_11X12X_coil7_err_mean vs Slug

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.552+/-0.000 χ^2/NDF: 2364557431902666

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

All: 10.418+/-0.000 χ^2/NDF: 415971934979 4

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.287+/-0.000 χ^2/NDF: 1789615499240610

Left In: 9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

dit_11X12X_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4aY_coil7_mean vs Slug

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.022+/-0.000 χ^2/NDF: 242946352397110

Left Out: -10.333+/-0.000 χ^2/NDF:937769242502636537504704147488768 0.0/11

All: -9.703+/-0.000 χ^2/NDF: 5350258312452

Right Out: -8.211+/-0.000 χ^2/NDF: 183042372938359614656057542044549 12.0/15

- sign -9.390+/-0.000 χ^2/NDF: 2889381959602526 7

Left In: -10.241+/-0.000 χ^2/NDF:899282908840843048348597777281843 2.0/10

dit_4aY_coil7_err_mean vs Slug

Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:195842148226043527039909915262976.0/11

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

Left In: 1.580+/-0.000 χ^2/NDF:104159820106689813353171792166912.0/10

+ sign 1.943+/-0.000 χ^2/NDF: 1315983441767776

All: 1.880+/-0.000 χ^2/NDF: 2321029523106

- sign 1.818+/-0.000 χ^2/NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eY_coil7_mean vs Slug

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.049+/-0.000 χ^2/NDF:2449058506184839792133889501167616.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ sign -8.671+/-0.000 χ^2/NDF: 1743954297052969

All: -8.191+/-0.000 χ^2/NDF: 4275682258895

- sign -7.721+/-0.000 χ^2/NDF: 2460541769521765

dit_4eY_coil7_err_mean vs Slug

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Left In: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

+ sign 1.867+/-0.000 χ^2/NDF: 8961684903925900 9

All: 1.817+/-0.000 χ^2/NDF: 1613932314765 0

- sign 1.768+/-0.000 χ^2/NDF: 7099264779947717 7

dit_4eY_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usl_coil7_mean vs Slug

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Left In: 17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

+ sign 13376.690+/-0.000 χ^2/NDF: 5547433572288

All: 14079.562+/-0.000 χ^2/NDF: 1383312786

- sign 14740.464+/-0.000 χ^2/NDF: 8142294021651

dit_usl_coil7_err_mean vs Slug

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847 2704.0/14

+ sign 603.023+/-0.000 χ^2/NDF: 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF:206000366965768896864889138627068559 36.0/10

All: 614.575+/-0.000 χ^2/NDF: 21988174064 5

Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

Left In: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399 2832.0/10

dit_usl_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1107.545+/-0.000 χ^2/NDF: 99202805471874
Left Out: 1173.334+/-0.000 χ^2/NDF:50259225692125439679244442751924699136.0/10
All: 1098.373+/-0.000 χ^2/NDF: 2098418779 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_usr_coil7_mean vs Slug

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 21371.781+/-0.000 χ^2/NDF: 4557364101800

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

All: 21666.026+/-0.000 χ^2/NDF: 9098110501

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

dit_usr_coil7_err_mean vs Slug

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 684.008+/-0.000 χ^2/NDF: 1457915690693 88
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811 3792.0/11
All: 669.969+/-0.000 χ^2/NDF: 2443165090 40
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 656.176+/-0.000 χ^2/NDF: 979142023590546
Left In: 588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl1_coil7_mean vs Slug

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8333.706+/-0.000 χ^2/NDF: 8194448772748 5

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

All: 10251.942+/-0.000 χ^2/NDF: 1732817087

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

Left In: 12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

dit_atl1_coil7_err_mean vs Slug

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14
+ sign 773.025+/-0.000 χ^2/NDF: 106309785539188
Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11
All: 952.780+/-0.000 χ^2/NDF: 736031273486
Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15
- sign 1129.371+/-0.000 χ^2/NDF: 61970965674299
Left In: 582.413+/-0.000 χ^2/NDF:118601444625381818138146789657296240 64.0/10

dit_atl1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl2_coil7_mean vs Slug

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100772.113+/-0.000 χ^2/NDF: 17674802689 5
Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11
All: 104792.930+/-0.000 χ^2/NDF: 32804450 0
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 108742.985+/-0.000 χ^2/NDF: 146287150012
Left In: 130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785 14176.0/10

dit_atl2_coil7_err_mean vs Slug

Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938888.0/10

+ sign 2905.309+/-0.000 χ^2/NDF: 21707015926614

All: 2941.931+/-0.000 χ^2/NDF: 41605670277

- sign 2977.909+/-0.000 χ^2/NDF: 19857098184284

dit_atl2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

dit_atr1_coil7_mean vs Slug

Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6636.719+/-0.000 χ^2/NDF: 10032445769830
Left Out: 8941.712+/-0.000 χ^2/NDF:227575427235299768629241896288372643594 24.0/11
All: 6458.520+/-0.000 χ^2/NDF: 2736278227 8
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6283.457+/-0.000 χ^2/NDF: 17320497250641
Left In: 8532.821+/-0.000 χ^2/NDF:242995159493802245863247375580952264704 00.0/10

dit_atr1_coil7_err_mean vs Slug

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 734.457+/-0.000 χ^2/NDF: 375941972925027
Left Out: 621.395+/-0.000 χ^2/NDF:13220761349033595391183034930255888384.0/11
All: 813.984+/-0.000 χ^2/NDF: 351101342045
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15
- sign 892.111+/-0.000 χ^2/NDF: 311547484911191
Left In: 641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554355 2.0/10

dit_atr1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr2_coil7_mean vs Slug

Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115470.027+/-0.000 χ^2/NDF: 555580110243
Left Out: 111531.681+/-0.000 χ^2/NDF:1627242998299219503708342464173729130741 76.0/11
All: 116958.641+/-0.000 χ^2/NDF: 14862531 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118421.056+/-0.000 χ^2/NDF: 923806900564
Left In: 117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10

dit_atr2_coil7_err_mean vs Slug

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3062.293+/-0.000 χ^2/NDF: 13091528183331

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

All: 3234.072+/-0.000 χ^2/NDF: 1581039287

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

- sign 3402.829+/-0.000 χ^2/NDF: 14409809055061

Left In: 2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

dit_atr2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam1_coil7_mean vs Slug

Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -542.758+/-0.000 χ^2/NDF: 16885256839991

Left Out: -27.745+/-0.000 χ^2/NDF:124018662937763897824067331938771271 68.0/11

All: -567.488+/-0.000 χ^2/NDF: 33961086853

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -591.782+/-0.000 χ^2/NDF: 17056880683273 5

Left In: -69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10

dit_sam1_coil7_err_mean vs Slug

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF: 114280634979740

All: 143.994+/-0.000 χ^2/NDF: 20186723766

- sign 144.065+/-0.000 χ^2/NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam2_coil7_mean vs Slug

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15735.844+/-0.000 χ^2/NDF: 526567009410
Left Out: -3764.764+/-0.000 χ^2/NDF:196909765148126713372068659345037354598 4.0/11
All: -16409.443+/-0.000 χ^2/NDF: 111371622
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -17071.187+/-0.000 χ^2/NDF: 5857433226583
Left In: -4238.758+/-0.000 χ^2/NDF:167625887746606747174628306712503359897 6.0/10

dit_sam2_coil7_err_mean vs Slug

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1446.535+/-0.000 χ^2/NDF: 15230348570712

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

All: 1429.975+/-0.000 χ^2/NDF: 2684715334 1

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1413.706+/-0.000 χ^2/NDF: 11608307427850

Left In: 1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

dit_sam2_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam3_coil7_mean vs Slug

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9439.320+/-0.000 χ^2/NDF: 1677312300640
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
All: -9455.112+/-0.000 χ^2/NDF: 3283182119
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -9470.625+/-0.000 χ^2/NDF: 1605862092635 7
Left In: -3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10

dit_sam3_coil7_err_mean vs Slug

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 804.584+/-0.000 χ^2/NDF: 338998928620433

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

All: 788.186+/-0.000 χ^2/NDF: 5984680249 63

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

- sign 772.078+/-0.000 χ^2/NDF: 258636009193620

Left In: 703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

dit_sam3_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam4_coil7_mean vs Slug

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -16242.946+/-0.000 χ^2/NDF: 441105467605

Left Out: -7277.886+/-0.000 χ^2/NDF:2738867305918098068317388239234104557568.0/11

All: -16034.416+/-0.000 χ^2/NDF: 851792093

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -15829.556+/-0.000 χ^2/NDF: 410551888967

Left In: -7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10

dit_sam4_coil7_err_mean vs Slug

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1259.184+/-0.000 χ^2/NDF: 5136360923482 1

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

All: 1241.889+/-0.000 χ^2/NDF: 9078869434 7

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1224.899+/-0.000 χ^2/NDF: 39332410450392

Left In: 1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

dit_sam4_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam5_coil7_mean vs Slug

Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1319.671+/-0.000 χ^2/NDF: 9932894812646
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
All: -1237.928+/-0.000 χ^2/NDF: 2253249413
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1157.624+/-0.000 χ^2/NDF: 1239256161678
Left In: -1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205 05344.0/10

dit_sam5_coil7_err_mean vs Slug

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Left In: 253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF: 496246110495273

All: 251.658+/-0.000 χ^2/NDF: 10289533435

- sign 244.876+/-0.000 χ^2/NDF: 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam6_coil7_mean vs Slug

Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 2896.810+/-0.000 χ^2/NDF: 30187505563734

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

All: 2944.332+/-0.000 χ^2/NDF: 5815922787 8

Right Out: 5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

- sign 2991.017+/-0.000 χ^2/NDF: 27964724924864

Left In: 830.587+/-0.000 χ^2/NDF:1723370924037262731973560206151280230 40.0/10

dit_sam6_coil7_err_mean vs Slug

Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ sign 375.568+/-0.000 χ^2/NDF: 16377739422265 1

All: 373.683+/-0.000 χ^2/NDF: 3789335787 34

- sign 371.831+/-0.000 χ^2/NDF: 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam7_coil7_mean vs Slug

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2446.693+/-0.000 χ^2/NDF: 1049869951463
Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11
All: -2470.156+/-0.000 χ^2/NDF: 2076239631
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2493.207+/-0.000 χ^2/NDF: 10261991032463
Left In: -1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF:245550752267692676232869241918010163 2.0/11

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

+ sign 247.819+/-0.000 χ^2/NDF: 33716502024544 6

All: 247.353+/-0.000 χ^2/NDF: 6213331610 36

- sign 246.895+/-0.000 χ^2/NDF: 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam8_coil7_mean vs Slug

Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1928.069+/-0.000 χ^2/NDF: 8598052081097
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
All: -1879.206+/-0.000 χ^2/NDF: 1738697442
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1831.203+/-0.000 χ^2/NDF: 8781524392248 3
Left In: -967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10

dit_sam8_coil7_err_mean vs Slug

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 182.640+/-0.000 χ^2/NDF: 755196649084906

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

All: 182.836+/-0.000 χ^2/NDF: 15810669328

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

- sign 183.029+/-0.000 χ^2/NDF: 825858339211044

Left In: 190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

dit_sam8_coil7_Ndata_mean vs Slug

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aX_coil4_mean vs Slug

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38013535411119763

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

All: 0.357+/-0.000 χ^2/NDF: 5674167911062 2

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.535+/-0.000 χ^2/NDF: 17715106696706138

Left In: 0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

dit_4aX_coil4_err_mean vs Slug

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.324+/-0.000 χ^2/NDF:202553496938895005840710911918080 0.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ sign 4.395+/-0.000 χ^2/NDF: 4778921312885319 5

All: 4.301+/-0.000 χ^2/NDF: 847301115148 39

- sign 4.208+/-0.000 χ^2/NDF: 36666176911582785

dit_4aX_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4eX_coil4_mean vs Slug

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.512+/-0.000 χ^2/NDF: 42645411605619782

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

All: 3.709+/-0.000 χ^2/NDF: 6952977853900 1

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.903+/-0.000 χ^2/NDF: 25677839447530972

Left In: 3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

dit_4eX_coil4_err_mean vs Slug

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF: 5120791109485676

All: 3.990+/-0.000 χ^2/NDF: 9095304905164

- sign 3.904+/-0.000 χ^2/NDF: 3950992574828696

dit_4eX_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_11X12X_coil4_mean vs Slug

Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.605+/-0.000 χ^2/NDF: 3188346311700114

Left Out: -0.778+/-0.000 χ^2/NDF:9417925683764342254868439886725 12.0/11

All: -0.709+/-0.000 χ^2/NDF: 4336052335682

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.812+/-0.000 χ^2/NDF: 1113826026082910

Left In: -0.828+/-0.000 χ^2/NDF:6501739774591225245371804543877 12.0/10

dit_11X12X_coil4_err_mean vs Slug

Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.828+/-0.000 χ^2/NDF: 6792638877370086 9

Left Out: 7.360+/-0.000 χ^2/NDF:458038075523936550358514007015424 0.0/11

All: 6.689+/-0.000 χ^2/NDF: 1032305053905 5

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.552+/-0.000 χ^2/NDF: 34702547921187787

Left In: 6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

dit_11X12X_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aY_coil4_mean vs Slug

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.433+/-0.000 χ^2/NDF: 226806307744820

Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11

All: 178.219+/-0.000 χ^2/NDF: 43935498747

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 179.974+/-0.000 χ^2/NDF: 211560304537061

Left In: 173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

dit_4aY_coil4_err_mean vs Slug

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.404+/-0.000 χ^2/NDF: 4203163615319246 3

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

All: 1.353+/-0.000 χ^2/NDF: 8054448524380 2

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.303+/-0.000 χ^2/NDF: 3770443813103152 4

Left In: 1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

dit_4aY_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_4eY_coil4_mean vs Slug

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF:4211897430223129567796212229545656 32.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ sign 182.669+/-0.000 χ^2/NDF: 16745674206207 5

All: 184.458+/-0.000 χ^2/NDF: 32735567790 4

- sign 186.216+/-0.000 χ^2/NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.190+/-0.000 χ^2/NDF:5074582293603221733614481414553 6.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

Left In: 1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

+ sign 1.347+/-0.000 χ^2/NDF: 2680564508595917 5

All: 1.301+/-0.000 χ^2/NDF: 5615758872199 8

- sign 1.256+/-0.000 χ^2/NDF: 2869099255914574 3

dit_4eY_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_usl_coil4_mean vs Slug

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

+ sign 4335.661+/-0.000 χ^2/NDF: 1273495465485 7

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

All: 4498.481+/-0.000 χ^2/NDF: 5611121427 8

Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

- sign 4651.578+/-0.000 χ^2/NDF: 4260675233621 6

Left Out: 4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 382.754+/-0.000 χ^2/NDF: 279252260301187

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

All: 390.448+/-0.000 χ^2/NDF: 69004632674

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 397.684+/-0.000 χ^2/NDF: 409075450012092

Left In: 420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1149.328+/-0.000 χ^2/NDF: 8478540903172 0
Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10
All: 1161.261+/-0.000 χ^2/NDF: 2098532030 9
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

dit_usr_coil4_mean vs Slug

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720903 68.0/11

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

+ sign 3897.950+/-0.000 χ^2/NDF: 7209154986710 8

All: 3912.568+/-0.000 χ^2/NDF: 1496070330 2

- sign 3926.928+/-0.000 χ^2/NDF: 7744927899095 2

dit_usr_coil4_err_mean vs Slug

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF: 36411863935895 3

All: 440.167+/-0.000 χ^2/NDF: 5750904412 02

- sign 430.686+/-0.000 χ^2/NDF: 20808578063508 0

dit_usr_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl1_coil4_mean vs Slug

Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1837.483+/-0.000 χ^2/NDF: 4528252222957
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
All: -1609.422+/-0.000 χ^2/NDF: 8915994509
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1385.374+/-0.000 χ^2/NDF: 4371626422274
Left In: -439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug

Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

+ sign 479.885+/-0.000 χ^2/NDF: 171327208770113

Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877440 0.0/11

All: 602.666+/-0.000 χ^2/NDF: 24520895778 5

Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15

- sign 723.286+/-0.000 χ^2/NDF: 223405186584258

Left In: 405.371+/-0.000 χ^2/NDF:809637404511790653534348357749492940 8.0/10

dit_atl1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl2_coil4_mean vs Slug

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 28302.359+/-0.000 χ^2/NDF:6474396057652607314785278932682393465651 2.0/11

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

+ sign 26768.677+/-0.000 χ^2/NDF: 8747719496851

All: 27716.891+/-0.000 χ^2/NDF: 1554384105

- sign 28648.418+/-0.000 χ^2/NDF: 6517533016953

dit_atl2_coil4_err_mean vs Slug

Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF:156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF: 9281589423830 4

All: 1900.786+/-0.000 χ^2/NDF: 1521607045 3

- sign 1910.992+/-0.000 χ^2/NDF: 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr1_coil4_mean vs Slug

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1269.525+/-0.000 χ^2/NDF: 4097990392534
Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11
All: -1305.037+/-0.000 χ^2/NDF: 1597961645
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1339.925+/-0.000 χ^2/NDF: 1187771840458 3
Left In: -1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

dit_atr1_coil4_err_mean vs Slug

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 448.905+/-0.000 χ^2/NDF:69724449690417259297441114941481287 68.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Left In: 437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

+ sign 473.363+/-0.000 χ^2/NDF: 724292062329366

All: 484.772+/-0.000 χ^2/NDF: 32658142352 7

- sign 495.981+/-0.000 χ^2/NDF: 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr2_coil4_mean vs Slug

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28060.820+/-0.000 χ^2/NDF: 4495105358177
Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11
All: 28163.219+/-0.000 χ^2/NDF: 986055664 7
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
- sign 28263.816+/-0.000 χ^2/NDF: 5362202344062
Left In: 27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

dit_atr2_coil4_err_mean vs Slug

Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1995.018+/-0.000 χ^2/NDF: 5337762569447 3
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
All: 2084.675+/-0.000 χ^2/NDF: 3823708197 3
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2172.754+/-0.000 χ^2/NDF: 32650251724153
Left In: 1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10

dit_atr2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam1_coil4_mean vs Slug

Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9621.893+/-0.000 χ^2/NDF: 5629932940229
Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11
All: -9925.988+/-0.000 χ^2/NDF: 1182552632
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10224.731+/-0.000 χ^2/NDF: 6166940420799
Left In: -7456.124+/-0.000 χ^2/NDF:2845543245897785588421294473169233510 40.0/10

dit_sam1_coil4_err_mean vs Slug

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 100.788+/-0.000 χ^2/NDF: 439084065337808

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

All: 102.340+/-0.000 χ^2/NDF: 92254045368 5

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 103.866+/-0.000 χ^2/NDF: 482709269231347

Left In: 79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

dit_sam1_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam2_coil4_mean vs Slug

Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

+ sign -41169.025+/-0.000 χ^2/NDF: 346153436808

All: -41884.763+/-0.000 χ^2/NDF: 733189271

- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902

dit_sam2_coil4_err_mean vs Slug

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 954.594+/-0.000 χ^2/NDF: 342415954696427
Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11
All: 932.198+/-0.000 χ^2/NDF: 65265633909 9
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 910.195+/-0.000 χ^2/NDF: 308686161162215
Left In: 757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

dit_sam2_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam3_coil4_mean vs Slug

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

+ sign 3474.146+/-0.000 χ^2/NDF: 19310560227592

Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857 14176.0/11

All: 3442.374+/-0.000 χ^2/NDF: 3760490456 8

Right Out: 2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711 4624.0/15

- sign 3411.160+/-0.000 χ^2/NDF: 18263065086829

Left In: 3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10

dit_sam3_coil4_err_mean vs Slug

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 536.247+/-0.000 χ^2/NDF: 1001388645734 36

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

All: 510.967+/-0.000 χ^2/NDF: 16545089304 3

Right Out: 506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF: 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

dit_sam3_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam4_coil4_mean vs Slug

Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

+ sign 42291.015+/-0.000 χ^2/NDF: 753580564952 9

All: 41966.664+/-0.000 χ^2/NDF: 146263445 5

- sign 41648.021+/-0.000 χ^2/NDF: 705794160217 9

dit_sam4_coil4_err_mean vs Slug

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ sign 867.231+/-0.000 χ^2/NDF: 2219250858241 92

All: 829.738+/-0.000 χ^2/NDF: 3694191334 03

- sign 792.905+/-0.000 χ^2/NDF: 1431384508352 51

dit_sam4_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam5_coil4_mean vs Slug

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26089.435+/-0.000 χ^2/NDF:7297474697325231234633060364075485102080.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF: 384465667924

All: 24825.775+/-0.000 χ^2/NDF: 856821548 9

- sign 24676.734+/-0.000 χ^2/NDF: 4716427212055

dit_sam5_coil4_err_mean vs Slug

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 193.084+/-0.000 χ^2/NDF:1682749705439949881122511912389574656.0/11

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ sign 195.148+/-0.000 χ^2/NDF: 417506015542371

All: 186.074+/-0.000 χ^2/NDF: 71227710861

- sign 177.159+/-0.000 χ^2/NDF: 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam6_coil4_mean vs Slug

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

+ sign 18170.879+/-0.000 χ^2/NDF: 3176208714015

Left Out: 20333.061+/-0.000 χ^2/NDF:485594922577694276322685394036905423667 2.0/11

All: 18207.738+/-0.000 χ^2/NDF: 7582607940

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

- sign 18243.949+/-0.000 χ^2/NDF: 4405978256455

Left In: 21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

+ sign 265.986+/-0.000 χ^2/NDF: 993907240808893

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

All: 258.948+/-0.000 χ^2/NDF: 212946744199

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

- sign 252.033+/-0.000 χ^2/NDF: 112020972383493

Left In: 286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam7_coil4_mean vs Slug

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1269.922+/-0.000 χ^2/NDF: 1907675135798
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
All: -1296.664+/-0.000 χ^2/NDF: 3455789240
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1322.935+/-0.000 χ^2/NDF: 1525955901709
Left In: -1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug

Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Left In: 158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

+ sign 168.162+/-0.000 χ^2/NDF: 870698624432880

All: 162.856+/-0.000 χ^2/NDF: 16331319503

- sign 157.643+/-0.000 χ^2/NDF: 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam8_coil4_mean vs Slug

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14
+ sign 1040.809+/-0.000 χ^2/NDF: 2217433289487
Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11
All: 996.658+/-0.000 χ^2/NDF: 46005561681
Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15
- sign 953.284+/-0.000 χ^2/NDF: 237708288217536
Left In: 1279.995+/-0.000 χ^2/NDF:675923047038840320285592394487824384 00.0/10

dit_sam8_coil4_err_mean vs Slug

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Left In: 130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

+ sign 126.414+/-0.000 χ^2/NDF: 364747445092715

All: 122.900+/-0.000 χ^2/NDF: 719711638238

- sign 119.447+/-0.000 χ^2/NDF: 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aX_coil6_mean vs Slug

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF: 7192610969837378 0

All: 2.763+/-0.000 χ^2/NDF: 1194273758480 9

- sign 2.902+/-0.000 χ^2/NDF: 4688165314334650 8

dit_4aX_coil6_err_mean vs Slug

Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.673+/-0.000 χ^2/NDF: 2910543680814668 3

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

All: 2.573+/-0.000 χ^2/NDF: 4393857611244 7

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.476+/-0.000 χ^2/NDF: 1480240591264191 0

Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

dit_4aX_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eX_coil6_mean vs Slug

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.298+/-0.000 χ^2/NDF:2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

Left In: 2.816+/-0.000 χ^2/NDF:2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF: 8133477300118297 9

All: 2.109+/-0.000 χ^2/NDF: 1521837937026 1

- sign 2.256+/-0.000 χ^2/NDF: 7014944063307818 4

dit_4eX_coil6_err_mean vs Slug

Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.592+/-0.000 χ^2/NDF: 3210351611997735

Left Out: 1.291+/-0.000 χ^2/NDF:11920172561845219091749032427520 0.0/11

All: 2.479+/-0.000 χ^2/NDF: 4850101738154

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

Left In: 1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

dit_4eX_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_11X12X_coil6_mean vs Slug

Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Left In: 5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF: 5277527853709316 6

All: 5.157+/-0.000 χ^2/NDF: 7526752383180 7

- sign 5.088+/-0.000 χ^2/NDF: 2233771395337481 5

dit_11X12X_coil6_err_mean vs Slug

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.549+/-0.000 χ^2/NDF: 2284032483018928 6

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

All: 3.490+/-0.000 χ^2/NDF: 4229693907768 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

- sign 3.432+/-0.000 χ^2/NDF: 1944582992061895 7

Left In: 2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

dit_11X12X_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_4aY_coil6_mean vs Slug

Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399257783 7824.0/15

Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ sign 31.987+/-0.000 χ^2/NDF: 2076251683338392

All: 32.268+/-0.000 χ^2/NDF: 4498818256205

- sign 32.543+/-0.000 χ^2/NDF: 2422323075583124

dit_4aY_coil6_err_mean vs Slug

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Left In: 0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

+ sign 0.816+/-0.000 χ^2/NDF: 1938989534103537 8

All: 0.760+/-0.000 χ^2/NDF: 2983619505756 6

- sign 0.704+/-0.000 χ^2/NDF: 1034872597888586 5

dit_4aY_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eY_coil6_mean vs Slug

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.930+/-0.000 χ^2/NDF: 130562508565939

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

All: -19.782+/-0.000 χ^2/NDF: 284511592850

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -19.637+/-0.000 χ^2/NDF: 1539423306551337

Left In: -20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

dit_4eY_coil6_err_mean vs Slug

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.384+/-0.000 χ^2/NDF:58223220290785982682601294397 44.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Left In: 0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

+ sign 0.754+/-0.000 χ^2/NDF: 1518228086882446 8

All: 0.704+/-0.000 χ^2/NDF: 2317786361226 1

- sign 0.655+/-0.000 χ^2/NDF: 7919391626882888 1

dit_4eY_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usl_coil6_mean vs Slug

Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -899.630+/-0.000 χ^2/NDF: 57326318903301
Left Out: -1054.675+/-0.000 χ^2/NDF:358934145617512898310280045358051491 84.0/10
All: -948.643+/-0.000 χ^2/NDF: 17048438468
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15
- sign -994.729+/-0.000 χ^2/NDF: 112460764695899
Left In: -1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579 27424.0/10

dit_usl_coil6_err_mean vs Slug

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 220.348+/-0.000 χ^2/NDF: 131437286987264

Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10

All: 219.782+/-0.000 χ^2/NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

Left In: 141.688+/-0.000 χ^2/NDF:104488240805784919408142413060059955 2.0/10

dit_usl_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1101.625+/-0.000 χ^2/NDF: 9305398859829 5
Left Out: 1169.420+/-0.000 χ^2/NDF:5235905852848421215297581793055395 0208.0/10
All: 1114.283+/-0.000 χ^2/NDF: 2298656455 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usr_coil6_mean vs Slug

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14
+ sign -523.316+/-0.000 χ^2/NDF: 43595864947593
Left Out: -579.272+/-0.000 χ^2/NDF:3258458152452886094159559740704266649 6.0/11
All: -503.795+/-0.000 χ^2/NDF: 10158993354
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15
- sign -484.617+/-0.000 χ^2/NDF: 57875992713105
Left In: -540.842+/-0.000 χ^2/NDF:4267019331749781791103036746636669747 2.0/10

dit_usr_coil6_err_mean vs Slug

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 262.286+/-0.000 χ^2/NDF: 241048188566854

Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11

All: 253.162+/-0.000 χ^2/NDF: 37398353308

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

dit_usr_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atl1_coil6_mean vs Slug

Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1058.360+/-0.000 χ^2/NDF: 69823808255157
Left Out: 582.152+/-0.000 χ^2/NDF:700837726478314861257329897688017141 76.0/11
All: 1019.669+/-0.000 χ^2/NDF: 1362193289 5
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 981.659+/-0.000 χ^2/NDF: 663491357929352
Left In: 707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

dit_atl1_coil6_err_mean vs Slug

Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 331.972+/-0.000 χ^2/NDF: 883734584018434
Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11
All: 453.895+/-0.000 χ^2/NDF: 45265690321 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 573.673+/-0.000 χ^2/NDF: 359677429953367
Left In: 132.869+/-0.000 χ^2/NDF:109183908566401411220146315571127910 4.0/10

dit_atl1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atl2_coil6_mean vs Slug

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF: 2108050211497

All: -5609.905+/-0.000 χ^2/NDF: 4607018672

- sign -5769.523+/-0.000 χ^2/NDF: 2490788852952 8

dit_atl2_coil6_err_mean vs Slug

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 958.532+/-0.000 χ^2/NDF: 152813586967555

Left Out: 685.307+/-0.000 χ^2/NDF:46333249080985813233742212153458294784.0/11

All: 956.706+/-0.000 χ^2/NDF: 299793196976

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

Left In: 711.726+/-0.000 χ^2/NDF:158734199795832073070684292470171238 40.0/10

dit_atl2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr1_coil6_mean vs Slug

Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 595.655+/-0.000 χ^2/NDF: 406904373797989

Left Out: 605.074+/-0.000 χ^2/NDF:679125152454461967299371308827059159 04.0/11

All: 531.737+/-0.000 χ^2/NDF: 27161550392 5

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 468.943+/-0.000 χ^2/NDF: 229659160910176

Left In: 669.155+/-0.000 χ^2/NDF:394811952405636172538422305226164797 44.0/10

dit_atr1_coil6_err_mean vs Slug

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 308.422+/-0.000 χ^2/NDF: 475799684039922

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

All: 375.901+/-0.000 χ^2/NDF: 325877888055

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 442.194+/-0.000 χ^2/NDF: 276887014570090

Left In: 145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr2_coil6_mean vs Slug

Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5167.140+/-0.000 χ^2/NDF: 2609556026190
Left Out: -5592.357+/-0.000 χ^2/NDF:1502507998590915650067934753088681803776.0/11
All: -5087.057+/-0.000 χ^2/NDF: 5916065819
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -5008.384+/-0.000 χ^2/NDF: 3304522674427 4
Left In: -5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10

dit_atr2_coil6_err_mean vs Slug

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1022.208+/-0.000 χ^2/NDF: 14864291079277
Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11
All: 1164.597+/-0.000 χ^2/NDF: 1154109459 3
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
- sign 1304.479+/-0.000 χ^2/NDF: 99918451960380
Left In: 634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

dit_atr2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam1_coil6_mean vs Slug

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
+ sign -1405.071+/-0.000 χ^2/NDF: 1654286779746
Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11
All: -1409.541+/-0.000 χ^2/NDF: 3496770485
Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15
- sign -1413.933+/-0.000 χ^2/NDF: 1842477513816 0
Left In: -2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

dit_sam1_coil6_err_mean vs Slug

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 61.715+/-0.000 χ^2/NDF: 1295926094815427

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

All: 59.198+/-0.000 χ^2/NDF: 205436551836 9

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

dit_sam1_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam2_coil6_mean vs Slug

Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5153.665+/-0.000 χ^2/NDF: 12131982747999
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
All: 5084.951+/-0.000 χ^2/NDF: 2621808005 2
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5017.446+/-0.000 χ^2/NDF: 14084634301440
Left In: 4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 643.246+/-0.000 χ^2/NDF: 212720083388662

Left Out: 257.255+/-0.000 χ^2/NDF:278125360146566915786368724948431667 2.0/11

All: 612.442+/-0.000 χ^2/NDF: 328051716192

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

Left In: 268.493+/-0.000 χ^2/NDF:585573497570654782355660796638684774 4.0/10

dit_sam2_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam3_coil6_mean vs Slug

Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14
+ sign -932.996+/-0.000 χ^2/NDF: 43692805722802
Left Out: -1138.759+/-0.000 χ^2/NDF:710061859534242542705907917181702635 52.0/11
All: -939.440+/-0.000 χ^2/NDF: 8260825249 9
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053 76512.0/15
- sign -945.770+/-0.000 χ^2/NDF: 38902582155876 0
Left In: -1197.503+/-0.000 χ^2/NDF:3862472221415609611027105702390666 36288.0/10

dit_sam3_coil6_err_mean vs Slug

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10

+ sign 336.257+/-0.000 χ^2/NDF: 499270475269907

All: 316.009+/-0.000 χ^2/NDF: 749713374727

- sign 296.118+/-0.000 χ^2/NDF: 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam4_coil6_mean vs Slug

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -6634.457+/-0.000 χ^2/NDF:3640150880403299784339543756995645407232.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ sign -5775.333+/-0.000 χ^2/NDF: 4093261338391

All: -5683.850+/-0.000 χ^2/NDF: 9170111031

- sign -5593.977+/-0.000 χ^2/NDF: 5074256509623 8

dit_sam4_coil6_err_mean vs Slug

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872522547 2.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Left In: 296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

+ sign 490.690+/-0.000 χ^2/NDF: 74269533494512 1

All: 462.697+/-0.000 χ^2/NDF: 11020925146 8

- sign 435.197+/-0.000 χ^2/NDF: 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam5_coil6_mean vs Slug

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -698.812+/-0.000 χ^2/NDF: 11037797160174
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
All: -654.674+/-0.000 χ^2/NDF: 2608129590 6
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15
- sign -611.312+/-0.000 χ^2/NDF: 150374623927280
Left In: -1011.284+/-0.000 χ^2/NDF:90390940842187417173900154315979567923 2.0/10

dit_sam5_coil6_err_mean vs Slug

Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF: 435992167216224

Left Out: 60.239+/-0.000 χ^2/NDF:2251025544910328695487978455003299 84.0/11

All: 81.126+/-0.000 χ^2/NDF: 734136660562

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

- sign 76.766+/-0.000 χ^2/NDF: 292042974501347 5

Left In: 58.011+/-0.000 χ^2/NDF:1774277017865404387576550272144506 88.0/10

dit_sam5_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

dit_sam6_coil6_mean vs Slug

Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -581.144+/-0.000 χ^2/NDF: 45992004244900
Left Out: -1135.455+/-0.000 χ^2/NDF:654697592596579349133010058178925166592.0/11
All: -570.315+/-0.000 χ^2/NDF: 1149056147 6
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign -559.678+/-0.000 χ^2/NDF: 68909977403524 0
Left In: -1079.555+/-0.000 χ^2/NDF:614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug

Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 112.840+/-0.000 χ^2/NDF: 590235067464096

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

All: 112.691+/-0.000 χ^2/NDF: 10147510778 3

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 112.546+/-0.000 χ^2/NDF: 424509210993955

Left In: 98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

dit_sam6_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left Out: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam7_coil6_mean vs Slug

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ sign 397.512+/-0.000 χ^2/NDF: 506405806110630

All: 397.652+/-0.000 χ^2/NDF: 12663659867 3

- sign 397.790+/-0.000 χ^2/NDF: 759959573910775

dit_sam7_coil6_err_mean vs Slug

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF: 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF:1401594233858879766920661675414650 88.0/11

All: 97.830+/-0.000 χ^2/NDF: 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF:300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_sam8_coil6_mean vs Slug

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

+ sign -2688.506+/-0.000 χ^2/NDF: 1244586997830

All: -2689.595+/-0.000 χ^2/NDF: 2813784024

- sign -2690.665+/-0.000 χ^2/NDF: 1569193348626 8

dit_sam8_coil6_err_mean vs Slug

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.306+/-0.000 χ^2/NDF: 9154119203552440

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

All: 63.832+/-0.000 χ^2/NDF: 1341063315555

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 60.419+/-0.000 χ^2/NDF: 4219125097072467

Left In: 47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028 00128.0/10

dit_sam8_coil6_Ndata_mean vs Slug

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_run_mean vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_run_rms vs Slug

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_slug_slope vs Slug

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF: 152516030568371

All: 139.110+/-0.000 χ^2/NDF: 30387430742 4

- sign 145.011+/-0.000 χ^2/NDF: 135450294643886

dit_cyclenum_mean vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_cyclenum_rms vs Slug

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_scandata1_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

dit_scandata1_rms vs Slug

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_flag_rms vs Slug

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_segment_slope vs Slug

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

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.580+/-0.017 χ^2/NDF: 173.1/1

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 20447.8/43

- sign 1.000+/-0.000 χ^2/NDF: 13423.2/22

reg_asym_sam1_diff_bpm1X_slope vs Slug

Right In: -4.292+/-0.632 χ^2/NDF: 5.0/1

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -1.966+/-0.311 χ^2/NDF: 267.2/2

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

+ sign -8.106+/-0.067 χ^2/NDF: 3654.9/26

All: -7.769+/-0.047 χ^2/NDF: 8034.6/52

- sign -7.436+/-0.067 χ^2/NDF: 4329.8/25

reg_asym_sam1_diff_bpm4aY_slope vs Slug

Right In: -57.845+/-0.139 χ^2/NDF: 3593.5/18

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -58.251+/-0.136 χ^2/NDF: 5302.4/21

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

+ sign -53.030+/-0.051 χ^2/NDF: 7590.2/43

All: -53.004+/-0.037 χ^2/NDF: 17859.4/88

- sign -52.977+/-0.053 χ^2/NDF: 10268.7/44

reg_asym_sam1_diff_bpm4eX_slope vs Slug

Right In: 0.620+/-0.233 χ^2/NDF: 729.6/18

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -4.537+/-0.185 χ^2/NDF: 2516.3/21

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

+ sign -5.232+/-0.065 χ^2/NDF: 5401.1/43

All: -5.702+/-0.046 χ^2/NDF: 11503.2/88

- sign -6.159+/-0.064 χ^2/NDF: 5998.9/44

reg_asym_sam1_diff_bpm4eY_slope vs Slug

Right In: 10.609+/-0.155 χ^2/NDF: 3925.2/18

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 11.084+/-0.155 χ^2/NDF: 4645.0/21

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

+ sign 10.904+/-0.057 χ^2/NDF: 6549.8/43

All: 10.880+/-0.041 χ^2/NDF: 14775.3/88

- sign 10.856+/-0.058 χ^2/NDF: 8225.2/44

reg_asym_sam1_diff_bpm12X_slope vs Slug

Right In: 0.302+/-0.008 χ^2/NDF: 647.4/18

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.248+/-0.008 χ^2/NDF: 1162.2/21

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

+ sign 0.455+/-0.003 χ^2/NDF: 1567.5/43

All: 0.448+/-0.002 χ^2/NDF: 4125.5/88

- sign 0.441+/-0.003 χ^2/NDF: 2544.2/44

reg_asym_sam2_diff_bpm1X_slope vs Slug

Right In: -18.963+/-3.898 χ^2/NDF: 6.8/1

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -2.431+/-2.463 χ^2/NDF: 49.5/2

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

+ sign -43.826+/-0.387 χ^2/NDF: 680.7/26

All: -42.518+/-0.276 χ^2/NDF: 1658.1/52

- sign -41.176+/-0.392 χ^2/NDF: 954.3/25

reg_asym_sam2_diff_bpm4aY_slope vs Slug

Right In: -39.670+/-1.108 χ^2/NDF: 1183.6/18

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -44.012+/-1.140 χ^2/NDF: 1500.0/21

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

+ sign -27.836+/-0.305 χ^2/NDF: 1936.1/43

All: -27.974+/-0.218 χ^2/NDF: 5128.3/88

- sign -28.121+/-0.313 χ^2/NDF: 3191.8/44

reg_asym_sam2_diff_bpm4eX_slope vs Slug

Right In: -134.013+/-1.755 χ^2/NDF: 450.0/18

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -159.008+/-1.489 χ^2/NDF: 1132.5/21

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

+ sign -131.910+/-0.383 χ^2/NDF: 2868.5/43

All: -133.222+/-0.271 χ^2/NDF: 6829.8/88

- sign -134.547+/-0.384 χ^2/NDF: 3937.7/44

reg_asym_sam2_diff_bpm4eY_slope vs Slug

Right In: -173.268+/-1.250 χ^2/NDF: 853.5/18

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -169.143+/-1.310 χ^2/NDF: 1079.9/21

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

+ sign -144.810+/-0.341 χ^2/NDF: 2557.8/43

All: -144.276+/-0.244 χ^2/NDF: 5652.5/88

- sign -143.717+/-0.350 χ^2/NDF: 3089.7/44

reg_asym_sam2_diff_bpm12X_slope vs Slug

Right In: 0.070+/-0.066 χ^2/NDF: 526.5/18

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.339+/-0.068 χ^2/NDF: 799.9/21

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

+ sign 1.482+/-0.016 χ^2/NDF: 1558.0/43

All: 1.451+/-0.011 χ^2/NDF: 3807.9/88

- sign 1.420+/-0.016 χ^2/NDF: 2242.3/44

reg_asym_sam3_diff_bpm1X_slope vs Slug

Right In: -25.843+/-1.924 χ^2/NDF: 0.8/1

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -6.994+/-1.153 χ^2/NDF: 195.1/2

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

+ sign -39.853+/-0.153 χ^2/NDF: 9860.4/26

All: -39.175+/-0.108 χ^2/NDF: 19431.6/52

- sign -38.498+/-0.153 χ^2/NDF: 9531.9/25

reg_asym_sam3_diff_bpm4aY_slope vs Slug

Right In: -3.318+/-0.485 χ^2/NDF: 200.6/18

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -4.281+/-0.481 χ^2/NDF: 157.3/21

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

+ sign 0.518+/-0.120 χ^2/NDF: 4220.2/43

All: 0.436+/-0.085 χ^2/NDF: 7818.1/88

- sign 0.355+/-0.120 χ^2/NDF: 3597.0/44

reg_asym_sam3_diff_bpm4eX_slope vs Slug

Right In: -54.133+/-0.774 χ^2/NDF: 693.3/18

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -70.666+/-0.641 χ^2/NDF: 2582.3/21

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

+ sign -48.129+/-0.152 χ^2/NDF: 17463.1/43

All: -48.270+/-0.107 χ^2/NDF: 36976.7/88

- sign -48.408+/-0.150 χ^2/NDF: 19511.9/44

reg_asym_sam3_diff_bpm4eY_slope vs Slug

Right In: 22.791+/-0.550 χ^2/NDF: 485.8/18

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.991+/-0.555 χ^2/NDF: 419.7/21

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

+ sign 21.112+/-0.135 χ^2/NDF: 3285.3/43

All: 21.147+/-0.095 χ^2/NDF: 5893.1/88

- sign 21.182+/-0.135 χ^2/NDF: 2607.7/44

reg_asym_sam3_diff_bpm12X_slope vs Slug

Right In: -0.368+/-0.030 χ^2/NDF: 440.7/18

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.485+/-0.029 χ^2/NDF: 1058.4/21

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

+ sign 0.123+/-0.006 χ^2/NDF: 1339.1/43

All: 0.123+/-0.004 χ^2/NDF: 3724.3/88

- sign 0.122+/-0.006 χ^2/NDF: 2385.1/44

reg_asym_sam4_diff_bpm1X_slope vs Slug

Right In: -14.457+/-3.881 χ^2/NDF: 10.4/1

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: 1.237+/-2.415 χ^2/NDF: 158.3/2

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

+ sign -82.415+/-0.405 χ^2/NDF: 14114.7/26

All: -81.198+/-0.287 χ^2/NDF: 26409.7/52

- sign -79.968+/-0.407 χ^2/NDF: 12276.9/25

reg_asym_sam4_diff_bpm4aY_slope vs Slug

Right In: 25.702+/-0.790 χ^2/NDF: 737.8/18

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 28.348+/-0.788 χ^2/NDF: 1161.3/21

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

+ sign 33.087+/-0.297 χ^2/NDF: 7003.3/43

All: 33.498+/-0.212 χ^2/NDF: 12981.9/88

- sign 33.925+/-0.303 χ^2/NDF: 5974.7/44

reg_asym_sam4_diff_bpm4eX_slope vs Slug

Right In: -91.237+/-1.299 χ^2/NDF: 1736.4/18

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -111.523+/-1.118 χ^2/NDF: 2967.7/21

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

+ sign -86.816+/-0.390 χ^2/NDF: 16184.2/43

All: -87.700+/-0.275 χ^2/NDF: 32639.5/88

- sign -88.573+/-0.388 χ^2/NDF: 16445.1/44

reg_asym_sam4_diff_bpm4eY_slope vs Slug

Right In: 183.640+/-0.906 χ^2/NDF: 5437.9/18

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 177.600+/-0.909 χ^2/NDF: 6488.4/21

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

+ sign 179.734+/-0.337 χ^2/NDF: 11336.9/43

All: 178.199+/-0.240 χ^2/NDF: 22311.0/88

- sign 176.612+/-0.342 χ^2/NDF: 10931.9/44

reg_asym_sam4_diff_bpm12X_slope vs Slug

Right In: -1.198+/-0.047 χ^2/NDF: 625.9/18

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.360+/-0.045 χ^2/NDF: 1036.7/21

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

+ sign -0.832+/-0.016 χ^2/NDF: 2453.4/43

All: -0.808+/-0.011 χ^2/NDF: 6105.0/88

- sign -0.783+/-0.016 χ^2/NDF: 3646.9/44

reg_asym_sam5_diff_bpm1X_slope vs Slug

Right In: 1.515+/-1.216 χ^2/NDF: 1.4/1

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: 3.785+/-0.576 χ^2/NDF: 267.8/2

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

+ sign -9.835+/-0.199 χ^2/NDF: 4219.5/26

All: -9.193+/-0.138 χ^2/NDF: 8519.6/52

- sign -8.596+/-0.192 χ^2/NDF: 4280.0/25

reg_asym_sam5_diff_bpm4aY_slope vs Slug

Right In: 61.457+/-0.257 χ^2/NDF: 1324.0/18

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 61.001+/-0.237 χ^2/NDF: 2843.4/21

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

+ sign 57.880+/-0.135 χ^2/NDF: 3554.0/43

All: 57.982+/-0.096 χ^2/NDF: 8303.1/88

- sign 58.083+/-0.135 χ^2/NDF: 4748.0/44

reg_asym_sam5_diff_bpm4eX_slope vs Slug

Right In: 2.658+/-0.422 χ^2/NDF: 139.0/18

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 3.091+/-0.319 χ^2/NDF: 404.7/21

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

+ sign 11.466+/-0.182 χ^2/NDF: 3406.6/43

All: 10.934+/-0.125 χ^2/NDF: 6951.5/88

- sign 10.464+/-0.171 χ^2/NDF: 3528.9/44

reg_asym_sam5_diff_bpm4eY_slope vs Slug

Right In: 45.241+/-0.300 χ^2/NDF: 25105.5/18

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 46.515+/-0.281 χ^2/NDF: 29511.9/21

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

+ sign 76.014+/-0.154 χ^2/NDF: 40442.2/43

All: 75.252+/-0.109 χ^2/NDF: 85138.7/88

- sign 74.491+/-0.154 χ^2/NDF: 44647.7/44

reg_asym_sam5_diff_bpm12X_slope vs Slug

Right In: 0.188+/-0.014 χ^2/NDF: 243.5/18

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: 0.096+/-0.013 χ^2/NDF: 747.6/21

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

+ sign -0.229+/-0.007 χ^2/NDF: 3138.8/43

All: -0.213+/-0.005 χ^2/NDF: 6995.8/88

- sign -0.197+/-0.007 χ^2/NDF: 3845.9/44

reg_asym_sam6_diff_bpm1X_slope vs Slug

Right In: 14.236+/-1.695 χ^2/NDF: 0.1/1

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 20.763+/-1.003 χ^2/NDF: 190.4/2

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

+ sign 21.703+/-0.209 χ^2/NDF: 542.5/26

All: 21.284+/-0.148 χ^2/NDF: 1316.6/52

- sign 20.856+/-0.211 χ^2/NDF: 766.0/25

reg_asym_sam6_diff_bpm4aY_slope vs Slug

Right In: 53.149+/-0.209 χ^2/NDF: 1270.4/18

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 53.321+/-0.224 χ^2/NDF: 1321.6/21

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

+ sign 46.141+/-0.130 χ^2/NDF: 4113.9/43

All: 46.098+/-0.094 χ^2/NDF: 8842.2/88

- sign 46.050+/-0.137 χ^2/NDF: 4728.0/44

reg_asym_sam6_diff_bpm4eX_slope vs Slug

Right In: 1.210+/-0.353 χ^2/NDF: 2480.6/18

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 8.344+/-0.343 χ^2/NDF: 4280.3/21

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

+ sign 38.766+/-0.181 χ^2/NDF: 19271.5/43

All: 39.767+/-0.128 χ^2/NDF: 37208.5/88

- sign 40.779+/-0.182 χ^2/NDF: 17875.3/44

reg_asym_sam6_diff_bpm4eY_slope vs Slug

Right In: 0.701+/-0.246 χ^2/NDF: 18504.5/18

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.792+/-0.264 χ^2/NDF: 16579.7/21

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

+ sign 46.646+/-0.149 χ^2/NDF: 76768.0/43

All: 47.726+/-0.108 χ^2/NDF: 144121.0/88

- sign 48.915+/-0.156 χ^2/NDF: 67242.7/44

reg_asym_sam6_diff_bpm12X_slope vs Slug

Right In: 0.105+/-0.011 χ^2/NDF: 400.9/18

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.089+/-0.011 χ^2/NDF: 535.5/21

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

+ sign -0.208+/-0.007 χ^2/NDF: 2640.2/43

All: -0.200+/-0.005 χ^2/NDF: 5579.1/88

- sign -0.192+/-0.007 χ^2/NDF: 2936.3/44

reg_asym_sam7_diff_bpm1X_slope vs Slug

Right In: 31.096+/-0.837 χ^2/NDF: 51.8/1

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 37.423+/-0.447 χ^2/NDF: 285.9/2

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

+ sign 9.585+/-0.061 χ^2/NDF: 13293.9/26

All: 9.720+/-0.044 χ^2/NDF: 28478.9/52

- sign 9.859+/-0.062 χ^2/NDF: 15175.1/25

reg_asym_sam7_diff_bpm4aY_slope vs Slug

Right In: 10.210+/-0.118 χ^2/NDF: 878.8/18

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 10.935+/-0.114 χ^2/NDF: 891.5/21

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

+ sign 12.064+/-0.046 χ^2/NDF: 8694.4/43

All: 12.069+/-0.033 χ^2/NDF: 15366.4/88

- sign 12.074+/-0.047 χ^2/NDF: 6672.0/44

reg_asym_sam7_diff_bpm4eX_slope vs Slug

Right In: -72.076+/-0.190 χ^2/NDF: 5611.1/18

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -75.604+/-0.162 χ^2/NDF: 3580.5/21

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

+ sign -46.633+/-0.059 χ^2/NDF: 42963.1/43

All: -47.222+/-0.042 χ^2/NDF: 96239.9/88

- sign -47.806+/-0.059 χ^2/NDF: 53078.1/44

reg_asym_sam7_diff_bpm4eY_slope vs Slug

Right In: -16.072+/-0.132 χ^2/NDF: 1641.4/18

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.704+/-0.127 χ^2/NDF: 1252.0/21

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

+ sign -18.999+/-0.051 χ^2/NDF: 8717.7/43

All: -19.035+/-0.037 χ^2/NDF: 14749.0/88

- sign -19.072+/-0.052 χ^2/NDF: 6030.3/44

reg_asym_sam7_diff_bpm12X_slope vs Slug

Right In: -0.195+/-0.007 χ^2/NDF: 6350.4/18

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.225+/-0.007 χ^2/NDF: 6380.6/21

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

+ sign 0.326+/-0.002 χ^2/NDF: 12747.4/43

All: 0.321+/-0.002 χ^2/NDF: 27007.6/88

- sign 0.316+/-0.002 χ^2/NDF: 14251.8/44

reg_asym_sam8_diff_bpm1X_slope vs Slug

Right In: 22.004+/-0.636 χ^2/NDF: 54.6/1

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 27.541+/-0.377 χ^2/NDF: 700.6/2

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

+ sign -2.330+/-0.053 χ^2/NDF: 57458.1/26

All: -2.291+/-0.038 χ^2/NDF: 110921.0/52

- sign -2.250+/-0.054 χ^2/NDF: 53461.7/25

reg_asym_sam8_diff_bpm4aY_slope vs Slug

Right In: -42.169+/-0.077 χ^2/NDF: 6587.4/18

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -40.133+/-0.072 χ^2/NDF: 11544.0/21

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

+ sign -36.313+/-0.037 χ^2/NDF: 48391.6/43

All: -36.026+/-0.026 χ^2/NDF: 94543.7/88

- sign -35.729+/-0.037 χ^2/NDF: 46028.2/44

reg_asym_sam8_diff_bpm4eX_slope vs Slug

Right In: -48.815+/-0.121 χ^2/NDF: 14668.5/18

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -48.549+/-0.101 χ^2/NDF: 12351.6/21

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

+ sign -30.473+/-0.049 χ^2/NDF: 91219.0/43

All: -31.078+/-0.034 χ^2/NDF: 182449.9/88

- sign -31.666+/-0.048 χ^2/NDF: 90928.3/44

reg_asym_sam8_diff_bpm4eY_slope vs Slug

Right In: 43.754+/-0.086 χ^2/NDF: 10668.1/18

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.535+/-0.080 χ^2/NDF: 17742.6/21

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

+ sign 38.893+/-0.042 χ^2/NDF: 36299.1/43

All: 38.495+/-0.029 χ^2/NDF: 72949.6/88

- sign 38.091+/-0.042 χ^2/NDF: 36465.1/44

reg_asym_sam8_diff_bpm12X_slope vs Slug

Right In: -0.177+/-0.005 χ^2/NDF: 7391.8/18

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.213+/-0.004 χ^2/NDF: 8002.7/21

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

+ sign 0.139+/-0.002 χ^2/NDF: 16391.9/43

All: 0.128+/-0.001 χ^2/NDF: 37187.2/88

- sign 0.118+/-0.002 χ^2/NDF: 20734.8/44

reg_asym_usl_diff_bpm1X_slope vs Slug

Right In: -55.522+/-1.478 χ^2/NDF: 35.7/1

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -55.150+/-0.862 χ^2/NDF: 284.7/2

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

+ sign -71.072+/-0.371 χ^2/NDF: 1279.0/25

All: -69.978+/-0.254 χ^2/NDF: 2773.9/51

- sign -69.014+/-0.348 χ^2/NDF: 1478.4/25

reg_asym_usl_diff_bpm4aY_slope vs Slug

Right In: 7.039+/-0.422 χ^2/NDF: 448.5/17

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.266+/-0.418 χ^2/NDF: 363.9/20

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

+ sign 4.561+/-0.242 χ^2/NDF: 667.6/41

All: 4.785+/-0.171 χ^2/NDF: 1289.2/85

- sign 5.011+/-0.242 χ^2/NDF: 619.9/43

reg_asym_usl_diff_bpm4eX_slope vs Slug

Right In: 39.374+/-0.694 χ^2/NDF: 3355.8/17

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 23.284+/-0.544 χ^2/NDF: 6404.1/20

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

+ sign 19.597+/-0.334 χ^2/NDF: 5717.8/41

All: 17.950+/-0.228 χ^2/NDF: 13472.5/85

- sign 16.528+/-0.311 χ^2/NDF: 7709.5/43

reg_asym_usl_diff_bpm4eY_slope vs Slug

Right In: 9.613+/-0.493 χ^2/NDF: 555.4/17

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.056+/-0.494 χ^2/NDF: 586.9/20

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

+ sign 14.841+/-0.278 χ^2/NDF: 964.5/41

All: 14.568+/-0.197 χ^2/NDF: 2230.0/85

- sign 14.293+/-0.279 χ^2/NDF: 1263.6/43

reg_asym_usl_diff_bpm12X_slope vs Slug

Right In: -39.465+/-0.030 χ^2/NDF: 27659.5/17

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.869+/-0.029 χ^2/NDF: 99230.2/20

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

+ sign -39.886+/-0.014 χ^2/NDF: 200061.3/41

All: -39.969+/-0.010 χ^2/NDF: 446184.8/85

- sign -40.050+/-0.014 χ^2/NDF: 246052.4/43

reg_asym_usr_diff_bpm1X_slope vs Slug

Right In: -135.152+/-1.915 χ^2/NDF: 152.2/1

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -129.699+/-1.064 χ^2/NDF: 866.5/2

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

+ sign -54.842+/-0.376 χ^2/NDF: 6114.6/26

All: -58.252+/-0.261 χ^2/NDF: 15177.1/52

- sign -61.444+/-0.364 χ^2/NDF: 8903.3/25

reg_asym_usr_diff_bpm4aY_slope vs Slug

Right In: 5.696+/-0.603 χ^2/NDF: 333.0/18

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 7.779+/-0.590 χ^2/NDF: 276.5/21

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

+ sign 0.032+/-0.263 χ^2/NDF: 1757.6/43

All: 0.173+/-0.187 χ^2/NDF: 3333.5/88

- sign 0.318+/-0.267 χ^2/NDF: 1575.3/44

reg_asym_usr_diff_bpm4eX_slope vs Slug

Right In: 168.855+/-0.929 χ^2/NDF: 2919.5/18

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 179.637+/-0.693 χ^2/NDF: 3105.4/21

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

+ sign 118.559+/-0.354 χ^2/NDF: 10889.4/43

All: 122.874+/-0.244 χ^2/NDF: 25714.6/88

- sign 126.771+/-0.336 χ^2/NDF: 14542.2/44

reg_asym_usr_diff_bpm4eY_slope vs Slug

Right In: 10.465+/-0.701 χ^2/NDF: 402.2/18

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.739+/-0.703 χ^2/NDF: 443.9/21

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

+ sign 17.763+/-0.303 χ^2/NDF: 1987.6/43

All: 17.502+/-0.216 χ^2/NDF: 3846.3/88

- sign 17.233+/-0.307 χ^2/NDF: 1857.2/44

reg_asym_usr_diff_bpm12X_slope vs Slug

Right In: -41.689+/-0.038 χ^2/NDF: 16357.4/18

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -42.101+/-0.037 χ^2/NDF: 22244.8/21

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

+ sign -39.813+/-0.015 χ^2/NDF: 108145.3/43

All: -39.607+/-0.010 χ^2/NDF: 191447.3/88

- sign -39.403+/-0.015 χ^2/NDF: 82904.4/44

reg_asym_dsl_diff_bpm1X_slope vs Slug

Right In: 6.306+/-2.984 χ^2/NDF: 0.0/1

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 1.765+/-1.944 χ^2/NDF: 21.1/2

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

+ sign -0.089+/-0.022 χ^2/NDF: 44.6/25

All: -0.057+/-0.016 χ^2/NDF: 102.9/51

- sign -0.025+/-0.022 χ^2/NDF: 54.2/25

reg_asym_dsl_diff_bpm4aY_slope vs Slug

Right In: 0.002+/-0.028 χ^2/NDF: 14.3/17

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.051+/-0.029 χ^2/NDF: 27.6/20

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

+ sign -0.058+/-0.015 χ^2/NDF: 46.3/41

All: -0.056+/-0.011 χ^2/NDF: 106.1/85

- sign -0.054+/-0.015 χ^2/NDF: 59.7/43

reg_asym_dsl_diff_bpm4eX_slope vs Slug

Right In: 0.168+/-0.052 χ^2/NDF: 19.1/17

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.237+/-0.054 χ^2/NDF: 46.7/20

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

+ sign 0.095+/-0.020 χ^2/NDF: 60.1/41

All: 0.073+/-0.014 χ^2/NDF: 157.4/85

- sign 0.051+/-0.020 χ^2/NDF: 95.1/43

reg_asym_dsl_diff_bpm4eY_slope vs Slug

Right In: -0.011+/-0.033 χ^2/NDF: 15.8/17

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 21.6/20

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

+ sign 0.074+/-0.017 χ^2/NDF: 54.7/41

All: 0.071+/-0.012 χ^2/NDF: 108.1/85

- sign 0.069+/-0.017 χ^2/NDF: 53.4/43

reg_asym_dsl_diff_bpm12X_slope vs Slug

Right In: -0.012+/-0.002 χ^2/NDF: 17.6/17

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.012+/-0.002 χ^2/NDF: 11931.5/20

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

+ sign -0.009+/-0.001 χ^2/NDF: 51.9/41

All: -0.009+/-0.001 χ^2/NDF: 12028.4/85

- sign -0.009+/-0.001 χ^2/NDF: 11976.2/43

reg_asym_dsr_diff_bpm1X_slope vs Slug

Right In: 32.486+/-37.161 χ^2/NDF: 11.5/1

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 122.737+/-17.074 χ^2/NDF: 1.4/2

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

+ sign 0.013+/-0.027 χ^2/NDF: 41.4/26

All: 0.009+/-0.019 χ^2/NDF: 122.7/52

- sign 0.005+/-0.028 χ^2/NDF: 81.3/25

reg_asym_dsr_diff_bpm4aY_slope vs Slug

Right In: -0.024+/-0.037 χ^2/NDF: 31.6/18

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 18.0/21

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

+ sign -0.049+/-0.018 χ^2/NDF: 57.6/43

All: -0.066+/-0.013 χ^2/NDF: 127.7/88

- sign -0.085+/-0.019 χ^2/NDF: 68.3/44

reg_asym_dsr_diff_bpm4eX_slope vs Slug

Right In: -0.130+/-0.067 χ^2/NDF: 35.6/18

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.174+/-0.071 χ^2/NDF: 76.7/21

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

+ sign -0.031+/-0.025 χ^2/NDF: 65.2/43

All: -0.042+/-0.018 χ^2/NDF: 173.4/88

- sign -0.053+/-0.026 χ^2/NDF: 107.8/44

reg_asym_dsr_diff_bpm4eY_slope vs Slug

Right In: 0.021+/-0.042 χ^2/NDF: 30.8/18

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 16.4/21

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

+ sign 0.052+/-0.021 χ^2/NDF: 56.5/43

All: 0.069+/-0.015 χ^2/NDF: 128.4/88

- sign 0.088+/-0.022 χ^2/NDF: 70.4/44

reg_asym_dsr_diff_bpm12X_slope vs Slug

Right In: 0.001+/-0.002 χ^2/NDF: 41.1/18

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.001+/-0.002 χ^2/NDF: 10466.9/21

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

+ sign 0.007+/-0.001 χ^2/NDF: 75.2/43

All: 0.007+/-0.001 χ^2/NDF: 10568.3/88

- sign 0.008+/-0.001 χ^2/NDF: 10492.9/44

reg_asym_us_avg_diff_bpm1X_slope vs Slug

Right In: -95.522+/-1.139 χ^2/NDF: 193.9/1

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -95.587+/-0.680 χ^2/NDF: 1055.2/2

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

+ sign -64.426+/-0.320 χ^2/NDF: 3512.2/25

All: -66.708+/-0.218 χ^2/NDF: 8866.5/51

- sign -68.678+/-0.298 χ^2/NDF: 5259.7/25

reg_asym_us_avg_diff_bpm4aY_slope vs Slug

Right In: 6.108+/-0.407 χ^2/NDF: 493.8/17

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 7.768+/-0.405 χ^2/NDF: 419.0/20

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

+ sign 2.561+/-0.215 χ^2/NDF: 1124.9/41

All: 2.801+/-0.152 χ^2/NDF: 2203.0/85

- sign 3.043+/-0.216 χ^2/NDF: 1075.6/43

reg_asym_us_avg_diff_bpm4eX_slope vs Slug

Right In: 99.774+/-0.615 χ^2/NDF: 3145.5/17

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 99.284+/-0.459 χ^2/NDF: 4068.8/20

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

+ sign 70.155+/-0.292 χ^2/NDF: 8757.6/41

All: 72.596+/-0.197 χ^2/NDF: 19830.0/85

- sign 74.640+/-0.267 χ^2/NDF: 10944.3/43

reg_asym_us_avg_diff_bpm4eY_slope vs Slug

Right In: 10.258+/-0.480 χ^2/NDF: 593.1/17

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 8.415+/-0.488 χ^2/NDF: 728.3/20

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

+ sign 15.909+/-0.249 χ^2/NDF: 1456.9/41

All: 15.651+/-0.176 χ^2/NDF: 3195.5/85

- sign 15.390+/-0.250 χ^2/NDF: 1736.4/43

reg_asym_us_avg_diff_bpm12X_slope vs Slug

Right In: -40.293+/-0.027 χ^2/NDF: 26891.4/17

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.946+/-0.027 χ^2/NDF: 65617.3/20

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

+ sign -39.714+/-0.012 χ^2/NDF: 168609.7/41

All: -39.808+/-0.009 χ^2/NDF: 359753.2/85

- sign -39.898+/-0.012 χ^2/NDF: 191029.0/43

reg_asym_us_dd_diff_bpm1X_slope vs Slug

Right In: 35.466+/-1.329 χ^2/NDF: 66.8/1

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 35.378+/-0.727 χ^2/NDF: 232.1/2

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

+ sign -10.921+/-0.185 χ^2/NDF: 4050.8/25

All: -9.496+/-0.129 χ^2/NDF: 10338.9/51

- sign -8.127+/-0.181 χ^2/NDF: 6171.8/25

reg_asym_us_dd_diff_bpm4aY_slope vs Slug

Right In: 0.703+/-0.332 χ^2/NDF: 61.0/17

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.461+/-0.332 χ^2/NDF: 57.9/20

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

+ sign 2.655+/-0.135 χ^2/NDF: 1555.0/41

All: 2.684+/-0.096 χ^2/NDF: 2966.4/85

- sign 2.714+/-0.136 χ^2/NDF: 1411.3/43

reg_asym_us_dd_diff_bpm4eX_slope vs Slug

Right In: -62.993+/-0.536 χ^2/NDF: 1624.6/17

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -75.393+/-0.426 χ^2/NDF: 3151.8/20

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

+ sign -48.190+/-0.176 χ^2/NDF: 5768.9/41

All: -50.005+/-0.123 χ^2/NDF: 15338.6/85

- sign -51.711+/-0.171 χ^2/NDF: 9363.9/43

reg_asym_us_dd_diff_bpm4eY_slope vs Slug

Right In: -0.450+/-0.380 χ^2/NDF: 90.0/17

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.503+/-0.385 χ^2/NDF: 100.8/20

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

+ sign -1.471+/-0.153 χ^2/NDF: 1577.9/41

All: -1.428+/-0.109 χ^2/NDF: 2961.6/85

- sign -1.385+/-0.154 χ^2/NDF: 1383.5/43

reg_asym_us_dd_diff_bpm12X_slope vs Slug

Right In: 0.361+/-0.021 χ^2/NDF: 9273.7/17

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.946+/-0.021 χ^2/NDF: 92250.9/20

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

+ sign -0.580+/-0.007 χ^2/NDF: 65279.3/41

All: -0.633+/-0.005 χ^2/NDF: 201981.2/85

- sign -0.686+/-0.007 χ^2/NDF: 136592.6/43

reg_asym_ds_avg_diff_bpm1X_slope vs Slug

Right In: 49.527+/-24.282 χ^2/NDF: 8.2/1

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 37.396+/-10.447 χ^2/NDF: 3.2/2

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

+ sign -0.038+/-0.018 χ^2/NDF: 48.0/25

All: -0.024+/-0.013 χ^2/NDF: 100.6/51

- sign -0.009+/-0.018 χ^2/NDF: 51.3/25

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug

Right In: -0.013+/-0.023 χ^2/NDF: 15.4/17

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.9/20

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

+ sign -0.057+/-0.012 χ^2/NDF: 48.1/41

All: -0.064+/-0.009 χ^2/NDF: 102.9/85

- sign -0.072+/-0.012 χ^2/NDF: 54.1/43

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug

Right In: 0.017+/-0.043 χ^2/NDF: 22.2/17

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.029+/-0.045 χ^2/NDF: 27.8/20

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

+ sign 0.033+/-0.017 χ^2/NDF: 54.8/41

All: 0.014+/-0.012 χ^2/NDF: 122.9/85

- sign -0.005+/-0.017 χ^2/NDF: 65.5/43

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug

Right In: 0.007+/-0.027 χ^2/NDF: 16.1/17

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/20

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

+ sign 0.065+/-0.014 χ^2/NDF: 50.2/41

All: 0.073+/-0.010 χ^2/NDF: 104.2/85

- sign 0.081+/-0.014 χ^2/NDF: 53.3/43

reg_asym_ds_avg_diff_bpm12X_slope vs Slug

Right In: -0.005+/-0.001 χ^2/NDF: 28.8/17

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 26513.9/20

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

+ sign -0.001+/-0.001 χ^2/NDF: 65.7/41

All: -0.001+/-0.000 χ^2/NDF: 26615.9/85

- sign -0.001+/-0.001 χ^2/NDF: 26550.1/43

reg_asym_ds_dd_diff_bpm1X_slope vs Slug

Right In: -21.759+/-24.256 χ^2/NDF: 11.8/1

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -86.935+/-10.450 χ^2/NDF: 3.9/2

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

+ sign -0.052+/-0.018 χ^2/NDF: 49.9/25

All: -0.031+/-0.013 χ^2/NDF: 159.0/51

- sign -0.010+/-0.018 χ^2/NDF: 106.4/25

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug

Right In: 0.010+/-0.023 χ^2/NDF: 32.1/17

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 30.2/20

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

+ sign -0.005+/-0.012 χ^2/NDF: 62.1/41

All: 0.004+/-0.009 χ^2/NDF: 145.2/85

- sign 0.013+/-0.012 χ^2/NDF: 82.1/43

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug

Right In: 0.152+/-0.043 χ^2/NDF: 40.5/17

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.203+/-0.045 χ^2/NDF: 106.4/20

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

+ sign 0.063+/-0.017 χ^2/NDF: 81.0/41

All: 0.055+/-0.012 χ^2/NDF: 235.9/85

- sign 0.046+/-0.017 χ^2/NDF: 154.4/43

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug

Right In: -0.014+/-0.027 χ^2/NDF: 31.8/17

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 27.8/20

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

+ sign 0.012+/-0.014 χ^2/NDF: 66.1/41

All: 0.003+/-0.010 χ^2/NDF: 148.5/85

- sign -0.007+/-0.014 χ^2/NDF: 81.5/43

reg_asym_ds_dd_diff_bpm12X_slope vs Slug

Right In: -0.006+/-0.001 χ^2/NDF: 41.5/17

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 209.6/20

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 75.2/41

All: -0.008+/-0.000 χ^2/NDF: 327.1/85

- sign -0.008+/-0.001 χ^2/NDF: 251.6/43

reg_asym_left_avg_diff_bpm1X_slope vs Slug

Right In: -29.583+/-1.853 χ^2/NDF: 0.3/1

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -33.435+/-1.164 χ^2/NDF: 10.0/2

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

+ sign -36.041+/-0.191 χ^2/NDF: 1131.0/25

All: -35.921+/-0.134 χ^2/NDF: 2033.2/51

- sign -35.805+/-0.188 χ^2/NDF: 901.4/25

reg_asym_left_avg_diff_bpm4aY_slope vs Slug

Right In: 3.554+/-0.217 χ^2/NDF: 448.9/17

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.305+/-0.224 χ^2/NDF: 360.6/20

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

+ sign 2.242+/-0.122 χ^2/NDF: 669.3/41

All: 2.351+/-0.087 χ^2/NDF: 1293.4/85

- sign 2.464+/-0.124 χ^2/NDF: 622.5/43

reg_asym_left_avg_diff_bpm4eX_slope vs Slug

Right In: 27.395+/-0.402 χ^2/NDF: 1874.0/17

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 27.621+/-0.386 χ^2/NDF: 2567.2/20

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

+ sign 10.650+/-0.173 χ^2/NDF: 5301.1/41

All: 10.690+/-0.121 χ^2/NDF: 11328.4/85

- sign 10.729+/-0.170 χ^2/NDF: 6027.2/43

reg_asym_left_avg_diff_bpm4eY_slope vs Slug

Right In: 4.768+/-0.251 χ^2/NDF: 556.0/17

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.870+/-0.258 χ^2/NDF: 574.9/20

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

+ sign 7.470+/-0.140 χ^2/NDF: 965.9/41

All: 7.342+/-0.100 χ^2/NDF: 2221.4/85

- sign 7.211+/-0.142 χ^2/NDF: 1253.7/43

reg_asym_left_avg_diff_bpm12X_slope vs Slug

Right In: -19.888+/-0.016 χ^2/NDF: 26120.9/17

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.913+/-0.016 χ^2/NDF: 94282.7/20

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

+ sign -19.983+/-0.007 χ^2/NDF: 197814.5/41

All: -20.048+/-0.005 χ^2/NDF: 441045.5/85

- sign -20.113+/-0.007 χ^2/NDF: 243058.6/43

reg_asym_left_dd_diff_bpm1X_slope vs Slug

Right In: -35.749+/-1.859 χ^2/NDF: 0.3/1

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -34.761+/-1.167 χ^2/NDF: 35.7/2

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

+ sign -36.016+/-0.191 χ^2/NDF: 1125.7/25

All: -35.920+/-0.134 χ^2/NDF: 2038.6/51

- sign -35.827+/-0.188 χ^2/NDF: 912.4/25

reg_asym_left_dd_diff_bpm4aY_slope vs Slug

Right In: 3.525+/-0.217 χ^2/NDF: 443.6/17

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.277+/-0.220 χ^2/NDF: 354.7/20

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

+ sign 2.293+/-0.122 χ^2/NDF: 659.2/41

All: 2.405+/-0.087 χ^2/NDF: 1272.9/85

- sign 2.519+/-0.123 χ^2/NDF: 612.0/43

reg_asym_left_dd_diff_bpm4eX_slope vs Slug

Right In: 27.628+/-0.402 χ^2/NDF: 1741.5/17

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 25.652+/-0.370 χ^2/NDF: 2834.7/20

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

+ sign 10.620+/-0.173 χ^2/NDF: 5240.0/41

All: 10.604+/-0.121 χ^2/NDF: 11235.8/85

- sign 10.589+/-0.169 χ^2/NDF: 5995.7/43

reg_asym_left_dd_diff_bpm4eY_slope vs Slug

Right In: 4.805+/-0.251 χ^2/NDF: 550.7/17

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.630+/-0.253 χ^2/NDF: 576.4/20

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

+ sign 7.408+/-0.140 χ^2/NDF: 953.0/41

All: 7.227+/-0.099 χ^2/NDF: 2239.1/85

- sign 7.043+/-0.141 χ^2/NDF: 1282.7/43

reg_asym_left_dd_diff_bpm12X_slope vs Slug

Right In: -19.880+/-0.016 χ^2/NDF: 26081.6/17

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -18.402+/-0.015 χ^2/NDF: 301380.6/20

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

+ sign -19.975+/-0.007 χ^2/NDF: 197962.7/41

All: -19.769+/-0.005 χ^2/NDF: 654546.9/85

- sign -19.572+/-0.007 χ^2/NDF: 454916.0/43

reg_asym_right_avg_diff_bpm1X_slope vs Slug

Right In: -41.374+/-18.631 χ^2/NDF: 8.3/1

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.735+/-8.567 χ^2/NDF: 2.2/2

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

+ sign -25.806+/-0.192 χ^2/NDF: 4136.8/26

All: -25.995+/-0.137 χ^2/NDF: 7531.7/52

- sign -26.188+/-0.194 χ^2/NDF: 3393.0/25

reg_asym_right_avg_diff_bpm4aY_slope vs Slug

Right In: 2.457+/-0.311 χ^2/NDF: 305.1/18

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.723+/-0.327 χ^2/NDF: 269.5/21

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

+ sign -0.110+/-0.133 χ^2/NDF: 1702.6/43

All: -0.079+/-0.095 χ^2/NDF: 3205.1/88

- sign -0.047+/-0.136 χ^2/NDF: 1502.4/44

reg_asym_right_avg_diff_bpm4eX_slope vs Slug

Right In: 76.567+/-0.573 χ^2/NDF: 2261.4/18

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.556+/-0.590 χ^2/NDF: 1626.5/21

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

+ sign 57.174+/-0.182 χ^2/NDF: 8060.5/43

All: 57.469+/-0.129 χ^2/NDF: 15318.2/88

- sign 57.767+/-0.183 χ^2/NDF: 7252.5/44

reg_asym_right_avg_diff_bpm4eY_slope vs Slug

Right In: 5.432+/-0.357 χ^2/NDF: 396.7/18

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.588+/-0.375 χ^2/NDF: 423.4/21

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

+ sign 8.967+/-0.152 χ^2/NDF: 1965.5/43

All: 8.841+/-0.109 χ^2/NDF: 3780.9/88

- sign 8.708+/-0.156 χ^2/NDF: 1814.0/44

reg_asym_right_avg_diff_bpm12X_slope vs Slug

Right In: -20.631+/-0.019 χ^2/NDF: 12504.5/18

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.649+/-0.019 χ^2/NDF: 13902.5/21

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

+ sign -19.867+/-0.007 χ^2/NDF: 102836.1/43

All: -19.743+/-0.005 χ^2/NDF: 174627.8/88

- sign -19.619+/-0.007 χ^2/NDF: 71219.3/44

reg_asym_right_dd_diff_bpm1X_slope vs Slug

Right In: -74.065+/-18.646 χ^2/NDF: 15.1/1

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -118.038+/-8.573 χ^2/NDF: 4.3/2

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

+ sign -25.819+/-0.192 χ^2/NDF: 4116.4/26

All: -26.031+/-0.137 χ^2/NDF: 7582.6/52

- sign -26.247+/-0.194 χ^2/NDF: 3463.7/25

reg_asym_right_dd_diff_bpm4aY_slope vs Slug

Right In: 2.437+/-0.311 χ^2/NDF: 300.0/18

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.615+/-0.318 χ^2/NDF: 279.8/21

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

+ sign -0.068+/-0.133 χ^2/NDF: 1682.7/43

All: -0.022+/-0.095 χ^2/NDF: 3229.8/88

- sign 0.027+/-0.136 χ^2/NDF: 1546.8/44

reg_asym_right_dd_diff_bpm4eX_slope vs Slug

Right In: 76.737+/-0.573 χ^2/NDF: 2283.7/18

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 70.817+/-0.548 χ^2/NDF: 4493.3/21

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

+ sign 57.199+/-0.182 χ^2/NDF: 8077.7/43

All: 57.084+/-0.129 χ^2/NDF: 17075.8/88

- sign 56.968+/-0.182 χ^2/NDF: 8997.3/44

reg_asym_right_dd_diff_bpm4eY_slope vs Slug

Right In: 5.448+/-0.357 χ^2/NDF: 393.3/18

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.274+/-0.365 χ^2/NDF: 425.9/21

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

+ sign 8.921+/-0.152 χ^2/NDF: 1948.8/43

All: 8.738+/-0.109 χ^2/NDF: 3830.0/88

- sign 8.548+/-0.155 χ^2/NDF: 1878.2/44

reg_asym_right_dd_diff_bpm12X_slope vs Slug

Right In: -20.632+/-0.019 χ^2/NDF: 12547.3/18

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -17.593+/-0.018 χ^2/NDF: 178778.0/21

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

+ sign -19.874+/-0.007 χ^2/NDF: 102727.1/43

All: -19.511+/-0.005 χ^2/NDF: 349337.2/88

- sign -19.155+/-0.007 χ^2/NDF: 241744.1/44

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug

Right In: -1.972+/-0.344 χ^2/NDF: 19.1/1

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: 0.424+/-0.164 χ^2/NDF: 1641.9/2

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

+ sign -7.814+/-0.069 χ^2/NDF: 12851.0/26

All: -7.213+/-0.048 χ^2/NDF: 27480.7/52

- sign -6.672+/-0.065 χ^2/NDF: 14485.7/25

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug

Right In: -5.123+/-0.054 χ^2/NDF: 10791.3/18

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -6.205+/-0.057 χ^2/NDF: 17158.0/21

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

+ sign -1.810+/-0.038 χ^2/NDF: 23107.3/43

All: -2.003+/-0.028 χ^2/NDF: 54047.6/88

- sign -2.214+/-0.040 χ^2/NDF: 30887.6/44

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug

Right In: 5.253+/-0.086 χ^2/NDF: 1979.2/18

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.304+/-0.077 χ^2/NDF: 6916.8/21

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

+ sign 3.838+/-0.054 χ^2/NDF: 11320.1/43

All: 3.380+/-0.038 χ^2/NDF: 25719.3/88

- sign 2.956+/-0.052 χ^2/NDF: 14262.7/44

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug

Right In: 6.757+/-0.064 χ^2/NDF: 125655.8/18

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 11.196+/-0.068 χ^2/NDF: 130418.1/21

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

+ sign 28.756+/-0.045 χ^2/NDF: 353118.0/43

All: 29.989+/-0.032 χ^2/NDF: 648925.2/88

- sign 31.331+/-0.047 χ^2/NDF: 294211.4/44

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug

Right In: 0.212+/-0.003 χ^2/NDF: 3993.3/18

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.181+/-0.003 χ^2/NDF: 3851.9/21

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

+ sign 0.135+/-0.002 χ^2/NDF: 7985.4/43

All: 0.133+/-0.001 χ^2/NDF: 15905.3/88

- sign 0.131+/-0.002 χ^2/NDF: 7917.2/44

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug

Right In: -3.376+/-0.912 χ^2/NDF: 0.0/1

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.234+/-0.434 χ^2/NDF: 39.5/2

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

+ sign 1.486+/-0.132 χ^2/NDF: 1486.5/26

All: 1.382+/-0.092 χ^2/NDF: 2959.5/52

- sign 1.283+/-0.128 χ^2/NDF: 1471.8/25

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug

Right In: -60.617+/-0.218 χ^2/NDF: 2245.6/18

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -60.580+/-0.200 χ^2/NDF: 4023.8/21

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

+ sign -55.829+/-0.095 χ^2/NDF: 3964.2/43

All: -55.931+/-0.068 χ^2/NDF: 9799.6/88

- sign -56.034+/-0.096 χ^2/NDF: 5833.1/44

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug

Right In: 0.040+/-0.361 χ^2/NDF: 180.3/18

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -3.415+/-0.265 χ^2/NDF: 559.0/21

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

+ sign -8.929+/-0.125 χ^2/NDF: 1931.8/43

All: -8.952+/-0.086 χ^2/NDF: 4068.6/88

- sign -8.973+/-0.119 χ^2/NDF: 2136.8/44

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug

Right In: -32.171+/-0.251 χ^2/NDF: 4944.9/18

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -31.478+/-0.236 χ^2/NDF: 7265.6/21

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

+ sign -36.915+/-0.108 χ^2/NDF: 6320.4/43

All: -36.686+/-0.076 χ^2/NDF: 15239.4/88

- sign -36.453+/-0.108 χ^2/NDF: 8909.9/44

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug

Right In: 0.096+/-0.012 χ^2/NDF: 85.1/18

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.076+/-0.012 χ^2/NDF: 162.5/21

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

+ sign 0.374+/-0.005 χ^2/NDF: 1976.1/43

All: 0.355+/-0.003 χ^2/NDF: 4623.8/88

- sign 0.335+/-0.005 χ^2/NDF: 2615.9/44

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

Right In: 2.479+/-1.377 χ^2/NDF: 8.6/1

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 15.600+/-0.794 χ^2/NDF: 211.8/2

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

+ sign -15.323+/-0.105 χ^2/NDF: 10676.3/26

All: -14.968+/-0.074 χ^2/NDF: 21127.1/52

- sign -14.611+/-0.105 χ^2/NDF: 10427.9/25

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug

Right In: 3.861+/-0.304 χ^2/NDF: 151.5/18

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.518+/-0.303 χ^2/NDF: 176.2/21

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

+ sign 6.335+/-0.082 χ^2/NDF: 5192.5/43

All: 6.283+/-0.058 χ^2/NDF: 9411.6/88

- sign 6.231+/-0.083 χ^2/NDF: 4218.3/44

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug

Right In: -60.224+/-0.491 χ^2/NDF: 875.7/18

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -70.038+/-0.413 χ^2/NDF: 2042.1/21

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

+ sign -46.540+/-0.104 χ^2/NDF: 18823.5/43

All: -46.682+/-0.073 χ^2/NDF: 40022.3/88

- sign -46.822+/-0.103 χ^2/NDF: 21195.1/44

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug

Right In: 2.381+/-0.343 χ^2/NDF: 255.1/18

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.343+/-0.346 χ^2/NDF: 318.3/21

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

+ sign 0.902+/-0.092 χ^2/NDF: 4021.9/43

All: 0.902+/-0.065 χ^2/NDF: 7056.5/88

- sign 0.902+/-0.093 χ^2/NDF: 3034.6/44

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug

Right In: -0.230+/-0.019 χ^2/NDF: 962.4/18

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.328+/-0.018 χ^2/NDF: 1258.9/21

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

+ sign 0.241+/-0.004 χ^2/NDF: 2332.7/43

All: 0.239+/-0.003 χ^2/NDF: 5561.0/88

- sign 0.238+/-0.004 χ^2/NDF: 3228.1/44

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug

Right In: -27.526+/-0.550 χ^2/NDF: 25.8/1

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -22.734+/-0.358 χ^2/NDF: 206.2/2

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

+ sign -24.596+/-0.051 χ^2/NDF: 8664.4/26

All: -24.235+/-0.036 χ^2/NDF: 18140.6/52

- sign -23.879+/-0.050 χ^2/NDF: 9375.6/25

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug

Right In: -7.214+/-0.179 χ^2/NDF: 518.0/18

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.793+/-0.173 χ^2/NDF: 275.0/21

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

+ sign -5.759+/-0.040 χ^2/NDF: 2818.2/43

All: -5.780+/-0.028 χ^2/NDF: 5561.9/88

- sign -5.800+/-0.040 χ^2/NDF: 2743.2/44

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug

Right In: 4.307+/-0.273 χ^2/NDF: 1113.4/18

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -2.003+/-0.220 χ^2/NDF: 3896.4/21

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

+ sign -1.837+/-0.051 χ^2/NDF: 17679.5/43

All: -1.902+/-0.035 χ^2/NDF: 37072.1/88

- sign -1.965+/-0.050 χ^2/NDF: 19389.4/44

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug

Right In: 20.674+/-0.206 χ^2/NDF: 1307.9/18

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.784+/-0.204 χ^2/NDF: 781.7/21

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

+ sign 20.162+/-0.045 χ^2/NDF: 2728.7/43

All: 20.187+/-0.032 χ^2/NDF: 4989.9/88

- sign 20.213+/-0.045 χ^2/NDF: 2260.6/44

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug

Right In: -0.167+/-0.011 χ^2/NDF: 468.4/18

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.169+/-0.010 χ^2/NDF: 1218.2/21

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

+ sign -0.122+/-0.002 χ^2/NDF: 1018.6/43

All: -0.121+/-0.001 χ^2/NDF: 2987.2/88

- sign -0.120+/-0.002 χ^2/NDF: 1968.4/44

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug

Right In: -1.338+/-1.166 χ^2/NDF: 11.1/1

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 18.762+/-0.715 χ^2/NDF: 1121.7/2

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

+ sign -10.341+/-0.088 χ^2/NDF: 2183.6/26

All: -9.949+/-0.062 χ^2/NDF: 6731.0/52

- sign -9.550+/-0.088 χ^2/NDF: 4507.1/25

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug

Right In: 7.227+/-0.389 χ^2/NDF: 1424.1/18

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 4.330+/-0.396 χ^2/NDF: 1654.9/21

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

+ sign 7.188+/-0.072 χ^2/NDF: 2340.4/43

All: 7.071+/-0.051 χ^2/NDF: 5650.6/88

- sign 6.952+/-0.073 χ^2/NDF: 3304.9/44

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug

Right In: -54.902+/-0.589 χ^2/NDF: 441.6/18

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -69.148+/-0.470 χ^2/NDF: 2593.0/21

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

+ sign -35.813+/-0.088 χ^2/NDF: 14143.3/43

All: -36.132+/-0.062 χ^2/NDF: 33541.2/88

- sign -36.451+/-0.088 χ^2/NDF: 19371.7/44

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug

Right In: -62.222+/-0.437 χ^2/NDF: 2342.8/18

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -60.087+/-0.457 χ^2/NDF: 2478.2/21

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

+ sign -31.488+/-0.080 χ^2/NDF: 15600.4/43

All: -31.152+/-0.057 χ^2/NDF: 29489.5/88

- sign -30.810+/-0.081 χ^2/NDF: 13853.7/44

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug

Right In: 0.150+/-0.023 χ^2/NDF: 991.7/18

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.092+/-0.025 χ^2/NDF: 2256.5/21

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

+ sign 0.543+/-0.004 χ^2/NDF: 1826.5/43

All: 0.538+/-0.003 χ^2/NDF: 5075.5/88

- sign 0.533+/-0.004 χ^2/NDF: 3245.5/44

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug

Right In: -17.237+/-2.774 χ^2/NDF: 4.4/1

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -13.910+/-1.735 χ^2/NDF: 3.3/2

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

+ sign -32.963+/-0.299 χ^2/NDF: 536.9/26

All: -32.047+/-0.213 χ^2/NDF: 1207.5/52

- sign -31.106+/-0.303 χ^2/NDF: 651.6/25

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug

Right In: -47.146+/-0.708 χ^2/NDF: 1134.1/18

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -49.303+/-0.728 χ^2/NDF: 1489.5/21

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

+ sign -35.606+/-0.229 χ^2/NDF: 2124.3/43

All: -35.694+/-0.165 χ^2/NDF: 5546.1/88

- sign -35.787+/-0.237 χ^2/NDF: 3421.5/44

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug

Right In: -75.928+/-1.145 χ^2/NDF: 534.4/18

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.642+/-0.991 χ^2/NDF: 1180.4/21

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

+ sign -92.560+/-0.292 χ^2/NDF: 1638.3/43

All: -93.565+/-0.207 χ^2/NDF: 3837.6/88

- sign -94.578+/-0.293 χ^2/NDF: 2175.6/44

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug

Right In: -105.997+/-0.802 χ^2/NDF: 925.2/18

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -103.037+/-0.838 χ^2/NDF: 1304.9/21

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

+ sign -108.994+/-0.257 χ^2/NDF: 1767.0/43

All: -108.763+/-0.185 χ^2/NDF: 4699.8/88

- sign -108.518+/-0.265 χ^2/NDF: 2931.2/44

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.078+/-0.041 χ^2/NDF: 329.2/18

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.342+/-0.042 χ^2/NDF: 596.0/21

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

+ sign 0.906+/-0.012 χ^2/NDF: 1577.8/43

All: 0.879+/-0.008 χ^2/NDF: 3939.0/88

- sign 0.852+/-0.012 χ^2/NDF: 2351.0/44

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug

Right In: 3.694+/-2.180 χ^2/NDF: 15.8/1

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: 14.710+/-1.361 χ^2/NDF: 244.0/2

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

+ sign -41.821+/-0.221 χ^2/NDF: 18723.6/26

All: -41.134+/-0.157 χ^2/NDF: 35396.4/52

- sign -40.436+/-0.223 χ^2/NDF: 16653.3/25

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug

Right In: -7.468+/-0.422 χ^2/NDF: 1015.0/18

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -5.762+/-0.418 χ^2/NDF: 1435.7/21

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

+ sign -1.542+/-0.161 χ^2/NDF: 9953.6/43

All: -1.273+/-0.115 χ^2/NDF: 18473.6/88

- sign -0.994+/-0.164 χ^2/NDF: 8514.3/44

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug

Right In: -66.427+/-0.690 χ^2/NDF: 2404.3/18

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -77.067+/-0.596 χ^2/NDF: 3512.8/21

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

+ sign -58.145+/-0.213 χ^2/NDF: 21074.6/43

All: -58.709+/-0.150 χ^2/NDF: 42169.5/88

- sign -59.266+/-0.211 χ^2/NDF: 21080.9/44

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug

Right In: 111.338+/-0.483 χ^2/NDF: 5986.5/18

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 107.197+/-0.481 χ^2/NDF: 7192.1/21

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

+ sign 109.086+/-0.183 χ^2/NDF: 13308.8/43

All: 108.149+/-0.130 χ^2/NDF: 26146.5/88

- sign 107.183+/-0.186 χ^2/NDF: 12784.5/44

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug

Right In: -0.692+/-0.025 χ^2/NDF: 997.0/18

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.793+/-0.024 χ^2/NDF: 1485.0/21

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

+ sign -0.334+/-0.009 χ^2/NDF: 3258.9/43

All: -0.325+/-0.006 χ^2/NDF: 8007.0/88

- sign -0.316+/-0.009 χ^2/NDF: 4746.0/44

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug

Right In: -17.592+/-1.715 χ^2/NDF: 4.5/1

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -12.603+/-1.055 χ^2/NDF: 86.7/2

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

+ sign -40.625+/-0.185 χ^2/NDF: 9301.7/26

All: -40.093+/-0.131 χ^2/NDF: 17109.3/52

- sign -39.557+/-0.186 χ^2/NDF: 7791.0/25

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug

Right In: 32.838+/-0.367 χ^2/NDF: 525.8/18

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 33.789+/-0.367 χ^2/NDF: 958.2/21

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

+ sign 34.498+/-0.137 χ^2/NDF: 4227.0/43

All: 34.628+/-0.098 χ^2/NDF: 7883.7/88

- sign 34.763+/-0.140 χ^2/NDF: 3654.9/44

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug

Right In: -25.689+/-0.606 χ^2/NDF: 1177.1/18

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -35.243+/-0.518 χ^2/NDF: 2517.8/21

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

+ sign -28.785+/-0.179 χ^2/NDF: 11265.1/43

All: -29.146+/-0.126 χ^2/NDF: 23085.9/88

- sign -29.500+/-0.177 χ^2/NDF: 11812.7/44

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug

Right In: 72.487+/-0.422 χ^2/NDF: 4791.0/18

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 70.508+/-0.425 χ^2/NDF: 5663.9/21

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

+ sign 70.724+/-0.155 χ^2/NDF: 9295.9/43

All: 70.127+/-0.110 χ^2/NDF: 18327.1/88

- sign 69.510+/-0.158 χ^2/NDF: 9001.0/44

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug

Right In: -0.502+/-0.022 χ^2/NDF: 305.6/18

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.557+/-0.021 χ^2/NDF: 632.4/21

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

+ sign -0.498+/-0.007 χ^2/NDF: 1746.4/43

All: -0.484+/-0.005 χ^2/NDF: 4382.6/88

- sign -0.469+/-0.007 χ^2/NDF: 2628.0/44

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug

Right In: -15.398+/-0.589 χ^2/NDF: 4.1/1

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -14.460+/-0.340 χ^2/NDF: 14.9/2

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

+ sign -11.810+/-0.066 χ^2/NDF: 1067.5/26

All: -11.640+/-0.047 χ^2/NDF: 2456.5/52

- sign -11.470+/-0.066 χ^2/NDF: 1375.8/25

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug

Right In: -34.176+/-0.148 χ^2/NDF: 1403.4/18

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.345+/-0.144 χ^2/NDF: 1674.4/21

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

+ sign -30.670+/-0.051 χ^2/NDF: 2769.4/43

All: -30.672+/-0.036 χ^2/NDF: 6484.8/88

- sign -30.674+/-0.052 χ^2/NDF: 3715.4/44

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug

Right In: 2.555+/-0.238 χ^2/NDF: 651.5/18

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.247+/-0.196 χ^2/NDF: 2152.8/21

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

+ sign -6.467+/-0.064 χ^2/NDF: 5216.4/43

All: -6.609+/-0.045 χ^2/NDF: 11392.2/88

- sign -6.748+/-0.064 χ^2/NDF: 6166.2/44

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug

Right In: -5.403+/-0.168 χ^2/NDF: 2200.7/18

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.647+/-0.168 χ^2/NDF: 2368.6/21

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

+ sign -8.558+/-0.057 χ^2/NDF: 3475.9/43

All: -8.478+/-0.040 χ^2/NDF: 7997.4/88

- sign -8.395+/-0.058 χ^2/NDF: 4517.4/44

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug

Right In: -0.057+/-0.008 χ^2/NDF: 220.5/18

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.086+/-0.008 χ^2/NDF: 501.6/21

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

+ sign 0.141+/-0.003 χ^2/NDF: 1872.6/43

All: 0.134+/-0.002 χ^2/NDF: 4444.2/88

- sign 0.126+/-0.003 χ^2/NDF: 2554.3/44

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug

Right In: -0.918+/-0.679 χ^2/NDF: 7.1/1

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 1.708+/-0.414 χ^2/NDF: 742.3/2

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

+ sign 2.550+/-0.058 χ^2/NDF: 901.5/26

All: 2.485+/-0.041 χ^2/NDF: 2532.2/52

- sign 2.418+/-0.059 χ^2/NDF: 1628.2/25

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug

Right In: -2.905+/-0.152 χ^2/NDF: 157.1/18

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.530+/-0.149 χ^2/NDF: 364.2/21

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

+ sign -2.213+/-0.045 χ^2/NDF: 752.6/43

All: -2.241+/-0.032 χ^2/NDF: 1890.2/88

- sign -2.269+/-0.046 χ^2/NDF: 1136.9/44

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug

Right In: 31.295+/-0.242 χ^2/NDF: 702.6/18

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 32.645+/-0.206 χ^2/NDF: 1247.9/21

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

+ sign 25.597+/-0.057 χ^2/NDF: 9427.1/43

All: 25.608+/-0.040 χ^2/NDF: 19627.0/88

- sign 25.619+/-0.057 χ^2/NDF: 10199.8/44

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug

Right In: 14.097+/-0.170 χ^2/NDF: 7445.1/18

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.913+/-0.170 χ^2/NDF: 7203.2/21

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

+ sign 23.078+/-0.051 χ^2/NDF: 12406.7/43

All: 22.946+/-0.036 χ^2/NDF: 25112.6/88

- sign 22.810+/-0.051 χ^2/NDF: 12692.1/44

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug

Right In: 0.203+/-0.009 χ^2/NDF: 849.7/18

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.145+/-0.009 χ^2/NDF: 3481.6/21

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

+ sign -0.093+/-0.002 χ^2/NDF: 2235.0/43

All: -0.091+/-0.002 χ^2/NDF: 6772.1/88

- sign -0.089+/-0.002 χ^2/NDF: 4535.6/44

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug

Right In: -16.089+/-1.879 χ^2/NDF: 5.1/1

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -6.063+/-1.041 χ^2/NDF: 82.2/2

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

+ sign -38.478+/-0.169 χ^2/NDF: 4222.0/26

All: -37.789+/-0.120 χ^2/NDF: 8382.9/52

- sign -37.088+/-0.170 χ^2/NDF: 4127.3/25

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug

Right In: -8.271+/-0.454 χ^2/NDF: 416.3/18

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -9.901+/-0.463 χ^2/NDF: 466.0/21

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

+ sign 0.382+/-0.131 χ^2/NDF: 2598.8/43

All: 0.383+/-0.093 χ^2/NDF: 5684.6/88

- sign 0.384+/-0.134 χ^2/NDF: 3085.8/44

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug

Right In: -53.527+/-0.738 χ^2/NDF: 831.8/18

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.604+/-0.606 χ^2/NDF: 2470.5/21

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

+ sign -59.411+/-0.166 χ^2/NDF: 6688.4/43

All: -60.116+/-0.117 χ^2/NDF: 14878.8/88

- sign -60.821+/-0.166 χ^2/NDF: 8154.3/44

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug

Right In: -12.185+/-0.515 χ^2/NDF: 485.1/18

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -10.621+/-0.535 χ^2/NDF: 399.7/21

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

+ sign -19.274+/-0.147 χ^2/NDF: 2596.4/43

All: -19.454+/-0.105 χ^2/NDF: 5653.7/88

- sign -19.642+/-0.150 χ^2/NDF: 3054.2/44

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug

Right In: -0.306+/-0.027 χ^2/NDF: 372.7/18

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.425+/-0.028 χ^2/NDF: 743.2/21

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

+ sign 0.204+/-0.007 χ^2/NDF: 844.7/43

All: 0.203+/-0.005 χ^2/NDF: 2276.3/88

- sign 0.201+/-0.007 χ^2/NDF: 1431.5/44

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug

Right In: -1.900+/-0.655 χ^2/NDF: 12.1/1

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: -1.851+/-0.353 χ^2/NDF: 49.5/2

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

+ sign 14.902+/-0.100 χ^2/NDF: 19820.6/26

All: 14.416+/-0.070 χ^2/NDF: 38497.4/52

- sign 13.944+/-0.098 χ^2/NDF: 18629.7/25

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug

Right In: 6.649+/-0.207 χ^2/NDF: 6099.8/18

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: 5.988+/-0.196 χ^2/NDF: 8545.7/21

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

+ sign 4.088+/-0.074 χ^2/NDF: 15475.4/43

All: 3.905+/-0.053 χ^2/NDF: 33022.1/88

- sign 3.716+/-0.075 χ^2/NDF: 17534.3/44

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug

Right In: 13.455+/-0.336 χ^2/NDF: 2898.4/18

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.750+/-0.240 χ^2/NDF: 2916.7/21

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

+ sign 9.571+/-0.097 χ^2/NDF: 16660.7/43

All: 10.228+/-0.067 χ^2/NDF: 33023.0/88

- sign 10.845+/-0.094 χ^2/NDF: 16273.0/44

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug

Right In: -98.428+/-0.243 χ^2/NDF: 6734.9/18

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -97.461+/-0.234 χ^2/NDF: 11317.8/21

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

+ sign -74.618+/-0.084 χ^2/NDF: 33903.6/43

All: -74.139+/-0.060 χ^2/NDF: 70464.7/88

- sign -73.647+/-0.085 χ^2/NDF: 36495.1/44

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug

Right In: 0.300+/-0.013 χ^2/NDF: 699.2/18

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.224+/-0.012 χ^2/NDF: 1064.9/21

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

+ sign 0.413+/-0.004 χ^2/NDF: 3650.9/43

All: 0.395+/-0.003 χ^2/NDF: 8993.1/88

- sign 0.377+/-0.004 χ^2/NDF: 5300.7/44

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug

Right In: 1.199+/-1.211 χ^2/NDF: 17.1/1

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: 8.228+/-0.734 χ^2/NDF: 481.6/2

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

+ sign -24.482+/-0.139 χ^2/NDF: 18747.2/26

All: -23.968+/-0.098 χ^2/NDF: 36136.1/52

- sign -23.449+/-0.139 χ^2/NDF: 17361.4/25

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug

Right In: 6.785+/-1.503 χ^2/NDF: 6.2/1

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 0.392+/-1.020 χ^2/NDF: 230.6/2

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

+ sign 0.252+/-0.109 χ^2/NDF: 8277.8/26

All: 0.376+/-0.078 χ^2/NDF: 15138.1/52

- sign 0.506+/-0.111 χ^2/NDF: 6857.6/25

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug

Right In: -56.462+/-1.032 χ^2/NDF: 7.3/1

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -61.297+/-0.605 χ^2/NDF: 402.8/2

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

+ sign -28.492+/-0.139 χ^2/NDF: 17833.7/26

All: -29.021+/-0.098 χ^2/NDF: 36369.3/52

- sign -29.543+/-0.138 χ^2/NDF: 18506.8/25

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug

Right In: 65.665+/-2.243 χ^2/NDF: 7.6/1

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 74.505+/-1.524 χ^2/NDF: 249.1/2

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

+ sign 79.322+/-0.123 χ^2/NDF: 6011.1/26

All: 78.842+/-0.088 χ^2/NDF: 11033.1/52

- sign 78.341+/-0.126 χ^2/NDF: 4991.0/25

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug

Right In: -0.288+/-0.093 χ^2/NDF: 4.3/1

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.066+/-0.067 χ^2/NDF: 318.1/2

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

+ sign -0.115+/-0.006 χ^2/NDF: 2296.5/26

All: -0.100+/-0.004 χ^2/NDF: 5777.3/52

- sign -0.085+/-0.006 χ^2/NDF: 3466.6/25

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug

Right In: 3.246+/-1.755 χ^2/NDF: 13.0/1

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: 15.140+/-1.102 χ^2/NDF: 248.8/2

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

+ sign -28.969+/-0.156 χ^2/NDF: 17232.8/26

All: -28.468+/-0.111 χ^2/NDF: 32617.1/52

- sign -27.959+/-0.157 χ^2/NDF: 15363.6/25

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug

Right In: 6.689+/-2.228 χ^2/NDF: 0.0/1

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: -2.596+/-1.513 χ^2/NDF: 84.9/2

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

+ sign 3.137+/-0.124 χ^2/NDF: 8051.6/26

All: 3.160+/-0.089 χ^2/NDF: 14425.2/52

- sign 3.184+/-0.126 χ^2/NDF: 6373.6/25

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug

Right In: -94.503+/-1.482 χ^2/NDF: 8.1/1

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -103.615+/-0.903 χ^2/NDF: 187.0/2

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

+ sign -52.093+/-0.157 χ^2/NDF: 20221.7/26

All: -52.320+/-0.111 χ^2/NDF: 41185.6/52

- sign -52.547+/-0.157 χ^2/NDF: 20959.7/25

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug

Right In: 46.118+/-3.338 χ^2/NDF: 0.1/1

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 59.416+/-2.260 χ^2/NDF: 88.8/2

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

+ sign 54.392+/-0.140 χ^2/NDF: 6206.7/26

All: 54.064+/-0.100 χ^2/NDF: 10916.5/52

- sign 53.726+/-0.142 χ^2/NDF: 4698.7/25

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug

Right In: -0.347+/-0.146 χ^2/NDF: 2.9/1

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: 0.224+/-0.105 χ^2/NDF: 177.2/2

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

+ sign -0.015+/-0.006 χ^2/NDF: 1654.0/26

All: -0.003+/-0.005 χ^2/NDF: 4072.1/52

- sign 0.010+/-0.007 χ^2/NDF: 2410.3/25

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug

Right In: -0.469+/-0.610 χ^2/NDF: 13.6/1

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 15.380+/-0.382 χ^2/NDF: 4305.6/2

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

+ sign -9.964+/-0.051 χ^2/NDF: 12787.5/26

All: -9.671+/-0.036 χ^2/NDF: 30903.4/52

- sign -9.376+/-0.051 χ^2/NDF: 18048.4/25

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug

Right In: 2.121+/-0.777 χ^2/NDF: 37.1/1

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -4.538+/-0.519 χ^2/NDF: 196.2/2

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

+ sign 4.492+/-0.041 χ^2/NDF: 4855.7/26

All: 4.413+/-0.029 χ^2/NDF: 9619.6/52

- sign 4.332+/-0.041 χ^2/NDF: 4756.2/25

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug

Right In: -32.364+/-0.513 χ^2/NDF: 26.1/1

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -45.802+/-0.312 χ^2/NDF: 4374.0/2

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

+ sign -17.117+/-0.051 χ^2/NDF: 22820.3/26

All: -17.324+/-0.036 χ^2/NDF: 54702.6/52

- sign -17.530+/-0.051 χ^2/NDF: 31849.2/25

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug

Right In: 8.275+/-1.161 χ^2/NDF: 50.7/1

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 17.150+/-0.773 χ^2/NDF: 112.2/2

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

+ sign 8.424+/-0.046 χ^2/NDF: 6529.3/26

All: 8.539+/-0.032 χ^2/NDF: 12307.4/52

- sign 8.656+/-0.046 χ^2/NDF: 5765.2/25

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug

Right In: 0.164+/-0.052 χ^2/NDF: 0.7/1

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.971+/-0.037 χ^2/NDF: 3230.1/2

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

+ sign 0.302+/-0.002 χ^2/NDF: 1597.6/26

All: 0.306+/-0.001 χ^2/NDF: 6870.0/52

- sign 0.309+/-0.002 χ^2/NDF: 5266.5/25

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug

Right In: 0.673+/-1.258 χ^2/NDF: 9.8/1

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 21.924+/-0.705 χ^2/NDF: 777.5/2

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

+ sign -13.056+/-0.093 χ^2/NDF: 6103.9/26

All: -12.634+/-0.066 χ^2/NDF: 14148.3/52

- sign -12.207+/-0.094 χ^2/NDF: 8003.3/25

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug

Right In: 4.435+/-1.611 χ^2/NDF: 21.5/1

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -3.103+/-0.935 χ^2/NDF: 18.7/2

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

+ sign 7.028+/-0.077 χ^2/NDF: 2681.6/26

All: 6.933+/-0.055 χ^2/NDF: 5259.9/52

- sign 6.838+/-0.077 χ^2/NDF: 2575.3/25

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug

Right In: -69.931+/-1.057 χ^2/NDF: 16.9/1

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -88.202+/-0.573 χ^2/NDF: 781.7/2

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

+ sign -40.727+/-0.094 χ^2/NDF: 16221.4/26

All: -41.057+/-0.067 χ^2/NDF: 37986.1/52

- sign -41.384+/-0.094 χ^2/NDF: 21740.4/25

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug

Right In: -14.898+/-2.418 χ^2/NDF: 25.9/1

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.958+/-1.388 χ^2/NDF: 9.3/2

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

+ sign -15.254+/-0.086 χ^2/NDF: 2620.3/26

All: -15.068+/-0.061 χ^2/NDF: 4898.1/52

- sign -14.881+/-0.086 χ^2/NDF: 2268.4/25

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug

Right In: 0.058+/-0.109 χ^2/NDF: 0.0/1

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 1.356+/-0.073 χ^2/NDF: 688.6/2

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

+ sign 0.411+/-0.004 χ^2/NDF: 439.3/26

All: 0.411+/-0.003 χ^2/NDF: 1859.6/52

- sign 0.412+/-0.004 χ^2/NDF: 1420.3/25

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug

Right In: -2.220+/-0.991 χ^2/NDF: 14.7/1

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: -4.138+/-0.619 χ^2/NDF: 50.9/2

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

+ sign 17.242+/-0.087 χ^2/NDF: 16709.0/26

All: 17.044+/-0.062 χ^2/NDF: 30835.5/52

- sign 16.842+/-0.088 χ^2/NDF: 14116.0/25

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug

Right In: -0.434+/-1.260 χ^2/NDF: 4.0/1

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: 2.139+/-0.847 χ^2/NDF: 50.3/2

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

+ sign 0.636+/-0.069 χ^2/NDF: 8519.6/26

All: 0.584+/-0.049 χ^2/NDF: 15351.5/52

- sign 0.530+/-0.070 χ^2/NDF: 6830.8/25

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug

Right In: 54.439+/-0.838 χ^2/NDF: 9.0/1

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 55.568+/-0.507 χ^2/NDF: 21.0/2

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

+ sign 29.386+/-0.087 χ^2/NDF: 19758.8/26

All: 29.456+/-0.062 χ^2/NDF: 39538.0/52

- sign 29.526+/-0.087 χ^2/NDF: 19777.9/25

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug

Right In: -26.412+/-1.893 χ^2/NDF: 5.2/1

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -29.792+/-1.267 χ^2/NDF: 61.8/2

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

+ sign -29.129+/-0.078 χ^2/NDF: 9005.3/26

All: -28.892+/-0.056 χ^2/NDF: 15779.9/52

- sign -28.649+/-0.079 χ^2/NDF: 6756.1/25

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug

Right In: 0.381+/-0.083 χ^2/NDF: 3.3/1

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.328+/-0.060 χ^2/NDF: 7.5/2

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

+ sign 0.174+/-0.004 χ^2/NDF: 1478.4/26

All: 0.167+/-0.003 χ^2/NDF: 3564.7/52

- sign 0.160+/-0.004 χ^2/NDF: 2079.2/25

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug

Right In: -0.453+/-0.465 χ^2/NDF: 18.7/1

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: -0.596+/-0.253 χ^2/NDF: 186.6/2

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

+ sign 12.833+/-0.074 χ^2/NDF: 17894.7/26

All: 12.443+/-0.052 χ^2/NDF: 34999.4/52

- sign 12.065+/-0.073 χ^2/NDF: 17050.7/25

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug

Right In: -4.200+/-0.554 χ^2/NDF: 118.4/1

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -1.957+/-0.349 χ^2/NDF: 741.3/2

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

+ sign 3.288+/-0.058 χ^2/NDF: 8357.0/26

All: 3.111+/-0.042 χ^2/NDF: 16587.9/52

- sign 2.925+/-0.060 χ^2/NDF: 8211.9/25

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug

Right In: 16.570+/-0.408 χ^2/NDF: 5.1/1

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 15.919+/-0.212 χ^2/NDF: 168.0/2

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

+ sign 4.956+/-0.074 χ^2/NDF: 14432.7/26

All: 5.511+/-0.052 χ^2/NDF: 28597.1/52

- sign 6.031+/-0.072 χ^2/NDF: 14056.1/25

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug

Right In: -40.372+/-0.831 χ^2/NDF: 128.3/1

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -43.091+/-0.529 χ^2/NDF: 980.5/2

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

+ sign -54.051+/-0.066 χ^2/NDF: 8702.2/26

All: -53.616+/-0.047 χ^2/NDF: 17079.1/52

- sign -53.163+/-0.068 χ^2/NDF: 8289.1/25

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug

Right In: 0.305+/-0.031 χ^2/NDF: 6.0/1

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.369+/-0.022 χ^2/NDF: 102.1/2

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

+ sign 0.277+/-0.003 χ^2/NDF: 2612.8/26

All: 0.267+/-0.002 χ^2/NDF: 6405.2/52

- sign 0.258+/-0.003 χ^2/NDF: 3772.8/25

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug

Right In: 1.370+/-0.633 χ^2/NDF: 8.8/1

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: -1.842+/-0.400 χ^2/NDF: 69.6/2

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

+ sign -0.030+/-0.066 χ^2/NDF: 2642.6/26

All: -0.191+/-0.047 χ^2/NDF: 4991.1/52

- sign -0.354+/-0.066 χ^2/NDF: 2336.4/25

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug

Right In: 3.045+/-0.791 χ^2/NDF: 43.3/1

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 1.548+/-0.553 χ^2/NDF: 219.7/2

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

+ sign -2.258+/-0.054 χ^2/NDF: 1220.5/26

All: -2.206+/-0.038 χ^2/NDF: 3272.5/52

- sign -2.153+/-0.055 χ^2/NDF: 2050.1/25

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug

Right In: 29.011+/-0.536 χ^2/NDF: 30.2/1

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 32.431+/-0.328 χ^2/NDF: 37.0/2

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

+ sign 20.989+/-0.066 χ^2/NDF: 6865.9/26

All: 21.121+/-0.047 χ^2/NDF: 14111.6/52

- sign 21.250+/-0.066 χ^2/NDF: 7237.8/25

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug

Right In: 32.628+/-1.195 χ^2/NDF: 59.1/1

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 34.818+/-0.827 χ^2/NDF: 250.6/2

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

+ sign 40.135+/-0.060 χ^2/NDF: 5960.3/26

All: 39.873+/-0.043 χ^2/NDF: 11625.8/52

- sign 39.606+/-0.061 χ^2/NDF: 5627.7/25

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.006+/-0.052 χ^2/NDF: 2.6/1

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.077+/-0.038 χ^2/NDF: 20.1/2

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

+ sign -0.254+/-0.003 χ^2/NDF: 1443.0/26

All: -0.246+/-0.002 χ^2/NDF: 3248.4/52

- sign -0.238+/-0.003 χ^2/NDF: 1788.2/25

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug

Right In: 1.494+/-0.194 χ^2/NDF: 1.3/1

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: 1.356+/-0.102 χ^2/NDF: 495.1/2

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

+ sign -2.093+/-0.025 χ^2/NDF: 24851.5/26

All: -1.970+/-0.018 χ^2/NDF: 49796.8/52

- sign -1.849+/-0.025 χ^2/NDF: 24898.7/25

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug

Right In: 7.107+/-0.232 χ^2/NDF: 182.6/1

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 4.769+/-0.143 χ^2/NDF: 1742.6/2

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

+ sign -0.273+/-0.021 χ^2/NDF: 13750.9/26

All: -0.211+/-0.015 χ^2/NDF: 30886.7/52

- sign -0.149+/-0.021 χ^2/NDF: 17118.0/25

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug

Right In: -7.968+/-0.168 χ^2/NDF: 29.1/1

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -7.029+/-0.084 χ^2/NDF: 462.7/2

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

+ sign -4.809+/-0.026 χ^2/NDF: 13580.0/26

All: -4.888+/-0.018 χ^2/NDF: 28885.8/52

- sign -4.962+/-0.025 χ^2/NDF: 15287.4/25

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug

Right In: 6.852+/-0.346 χ^2/NDF: 284.1/1

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 10.724+/-0.212 χ^2/NDF: 2169.4/2

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

+ sign 16.493+/-0.023 χ^2/NDF: 54609.0/26

All: 16.251+/-0.016 χ^2/NDF: 100362.9/52

- sign 16.005+/-0.023 χ^2/NDF: 45532.9/25

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug

Right In: -0.202+/-0.013 χ^2/NDF: 66.9/1

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.098+/-0.009 χ^2/NDF: 309.9/2

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

+ sign -0.145+/-0.001 χ^2/NDF: 3840.4/26

All: -0.141+/-0.001 χ^2/NDF: 9589.0/52

- sign -0.136+/-0.001 χ^2/NDF: 5712.7/25

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug

Right In: 1.036+/-0.766 χ^2/NDF: 10.8/1

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: 9.691+/-0.482 χ^2/NDF: 894.2/2

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

+ sign -11.715+/-0.070 χ^2/NDF: 17567.3/26

All: -11.422+/-0.050 χ^2/NDF: 34642.6/52

- sign -11.127+/-0.070 χ^2/NDF: 17040.2/25

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug

Right In: 0.762+/-0.166 χ^2/NDF: 329.1/18

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.200+/-0.169 χ^2/NDF: 423.3/21

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

+ sign 3.468+/-0.053 χ^2/NDF: 8043.2/43

All: 3.434+/-0.038 χ^2/NDF: 14521.1/88

- sign 3.398+/-0.054 χ^2/NDF: 6477.1/44

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug

Right In: -28.493+/-0.272 χ^2/NDF: 1087.9/18

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -34.084+/-0.238 χ^2/NDF: 3052.3/21

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

+ sign -22.918+/-0.069 χ^2/NDF: 21288.9/43

All: -23.077+/-0.048 χ^2/NDF: 44462.6/88

- sign -23.235+/-0.068 χ^2/NDF: 23163.0/44

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug

Right In: 16.313+/-0.189 χ^2/NDF: 7621.4/18

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.837+/-0.193 χ^2/NDF: 7599.1/21

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

+ sign 24.336+/-0.060 χ^2/NDF: 13350.9/43

All: 24.224+/-0.042 χ^2/NDF: 25722.4/88

- sign 24.108+/-0.060 χ^2/NDF: 12364.4/44

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug

Right In: -0.034+/-0.010 χ^2/NDF: 1018.1/18

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.102+/-0.010 χ^2/NDF: 2023.2/21

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

+ sign 0.145+/-0.003 χ^2/NDF: 3207.4/43

All: 0.147+/-0.002 χ^2/NDF: 8330.2/88

- sign 0.148+/-0.003 χ^2/NDF: 5121.9/44

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug

Right In: 1.687+/-1.598 χ^2/NDF: 14.6/1

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 19.145+/-0.992 χ^2/NDF: 649.6/2

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

+ sign -27.234+/-0.137 χ^2/NDF: 15165.4/26

All: -26.733+/-0.097 χ^2/NDF: 29419.9/52

- sign -26.227+/-0.137 χ^2/NDF: 14227.4/25

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug

Right In: -2.827+/-0.400 χ^2/NDF: 288.8/18

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -4.898+/-0.407 χ^2/NDF: 363.7/21

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

+ sign 3.405+/-0.106 χ^2/NDF: 7456.3/43

All: 3.331+/-0.075 χ^2/NDF: 13690.8/88

- sign 3.256+/-0.107 χ^2/NDF: 6233.5/44

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug

Right In: -68.411+/-0.647 χ^2/NDF: 626.3/18

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -81.403+/-0.551 χ^2/NDF: 2131.1/21

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

+ sign -47.180+/-0.135 χ^2/NDF: 21732.5/43

All: -47.471+/-0.095 χ^2/NDF: 45579.9/88

- sign -47.761+/-0.135 χ^2/NDF: 23838.1/44

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug

Right In: 28.571+/-0.452 χ^2/NDF: 3337.1/18

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.503+/-0.466 χ^2/NDF: 3175.9/21

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

+ sign 36.695+/-0.119 χ^2/NDF: 6797.1/43

All: 36.602+/-0.085 χ^2/NDF: 12696.1/88

- sign 36.506+/-0.120 χ^2/NDF: 5897.7/44

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug

Right In: -0.322+/-0.024 χ^2/NDF: 1014.3/18

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.435+/-0.025 χ^2/NDF: 1777.7/21

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

+ sign 0.108+/-0.005 χ^2/NDF: 2758.8/43

All: 0.113+/-0.004 χ^2/NDF: 6876.8/88

- sign 0.119+/-0.006 χ^2/NDF: 4115.7/44

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug

Right In: -0.278+/-0.422 χ^2/NDF: 18.3/1

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -4.000+/-0.246 χ^2/NDF: 298.8/2

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

+ sign 7.713+/-0.034 χ^2/NDF: 12082.3/26

All: 7.602+/-0.024 χ^2/NDF: 23111.6/52

- sign 7.489+/-0.035 χ^2/NDF: 11008.1/25

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug

Right In: 1.845+/-0.113 χ^2/NDF: 295.1/18

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.416+/-0.115 χ^2/NDF: 342.3/21

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

+ sign 0.040+/-0.027 χ^2/NDF: 6597.0/43

All: 0.051+/-0.019 χ^2/NDF: 12372.9/88

- sign 0.062+/-0.027 χ^2/NDF: 5775.5/44

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug

Right In: 18.966+/-0.182 χ^2/NDF: 595.9/18

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 22.543+/-0.148 χ^2/NDF: 1572.6/21

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

+ sign 12.080+/-0.034 χ^2/NDF: 21111.2/43

All: 12.170+/-0.024 χ^2/NDF: 44717.3/88

- sign 12.259+/-0.034 χ^2/NDF: 23592.3/44

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug

Right In: -4.605+/-0.128 χ^2/NDF: 1605.9/18

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.717+/-0.132 χ^2/NDF: 1389.7/21

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

+ sign -5.979+/-0.030 χ^2/NDF: 4377.5/43

All: -5.978+/-0.022 χ^2/NDF: 8166.9/88

- sign -5.977+/-0.031 χ^2/NDF: 3789.4/44

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug

Right In: 0.143+/-0.007 χ^2/NDF: 1060.5/18

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.165+/-0.007 χ^2/NDF: 1254.4/21

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

+ sign 0.020+/-0.001 χ^2/NDF: 2341.9/43

All: 0.018+/-0.001 χ^2/NDF: 5282.7/88

- sign 0.016+/-0.001 χ^2/NDF: 2938.3/44

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug

Right In: 1.380+/-1.180 χ^2/NDF: 13.3/1

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: 14.502+/-0.739 χ^2/NDF: 743.3/2

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

+ sign -19.482+/-0.103 χ^2/NDF: 16059.2/26

All: -19.089+/-0.073 χ^2/NDF: 31304.6/52

- sign -18.691+/-0.104 χ^2/NDF: 15216.0/25

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug

Right In: -1.023+/-0.285 χ^2/NDF: 293.9/18

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -2.407+/-0.290 χ^2/NDF: 377.9/21

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

+ sign 3.438+/-0.079 χ^2/NDF: 7678.2/43

All: 3.381+/-0.056 χ^2/NDF: 14014.7/88

- sign 3.322+/-0.080 χ^2/NDF: 6335.4/44

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug

Right In: -48.918+/-0.463 χ^2/NDF: 705.3/18

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -58.187+/-0.398 χ^2/NDF: 2353.1/21

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

+ sign -35.090+/-0.102 χ^2/NDF: 21676.4/43

All: -35.305+/-0.072 χ^2/NDF: 45364.3/88

- sign -35.520+/-0.101 χ^2/NDF: 23678.9/44

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug

Right In: 23.163+/-0.323 χ^2/NDF: 4352.4/18

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.907+/-0.332 χ^2/NDF: 4221.8/21

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

+ sign 30.637+/-0.089 χ^2/NDF: 8238.6/43

All: 30.538+/-0.063 χ^2/NDF: 15508.5/88

- sign 30.437+/-0.090 χ^2/NDF: 7267.4/44

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug

Right In: -0.179+/-0.017 χ^2/NDF: 1000.1/18

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.270+/-0.018 χ^2/NDF: 1885.1/21

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

+ sign 0.127+/-0.004 χ^2/NDF: 2898.7/43

All: 0.131+/-0.003 χ^2/NDF: 7366.5/88

- sign 0.135+/-0.004 χ^2/NDF: 4465.9/44

reg_asym_atl1_diff_bpm1X_slope vs Slug

Right In: -6.004+/-1.606 χ^2/NDF: 30.6/1

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 6.368+/-0.929 χ^2/NDF: 561.0/2

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

+ sign -8.166+/-0.478 χ^2/NDF: 2256.6/26

All: -6.730+/-0.325 χ^2/NDF: 5353.7/52

- sign -5.490+/-0.444 χ^2/NDF: 3080.3/25

reg_asym_atl1_diff_bpm4aY_slope vs Slug

Right In: 14.795+/-0.786 χ^2/NDF: 557.0/18

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 13.478+/-0.724 χ^2/NDF: 375.5/21

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

+ sign 6.552+/-0.351 χ^2/NDF: 1066.5/43

All: 7.045+/-0.249 χ^2/NDF: 1863.2/88

- sign 7.540+/-0.352 χ^2/NDF: 792.7/44

reg_asym_atl1_diff_bpm4eX_slope vs Slug

Right In: 55.341+/-1.036 χ^2/NDF: 2278.6/18

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 39.294+/-0.692 χ^2/NDF: 4155.0/21

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

+ sign 46.006+/-0.450 χ^2/NDF: 6059.5/43

All: 44.571+/-0.302 χ^2/NDF: 13439.1/88

- sign 43.397+/-0.407 χ^2/NDF: 7361.1/44

reg_asym_atl1_diff_bpm4eY_slope vs Slug

Right In: -31.192+/-0.929 χ^2/NDF: 541.4/18

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -30.242+/-0.896 χ^2/NDF: 447.3/21

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

+ sign -14.173+/-0.401 χ^2/NDF: 1508.0/43

All: -14.899+/-0.285 χ^2/NDF: 2964.6/88

- sign -15.639+/-0.405 χ^2/NDF: 1450.0/44

reg_asym_atl1_diff_bpm12X_slope vs Slug

Right In: -7.668+/-0.055 χ^2/NDF: 579820.9/18

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -9.520+/-0.052 χ^2/NDF: 573488.4/21

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

+ sign -16.218+/-0.019 χ^2/NDF: 927911.7/43

All: -16.345+/-0.014 χ^2/NDF: 1783851.1/88

- sign -16.472+/-0.019 χ^2/NDF: 855851.1/44

reg_asym_atl2_diff_bpm1X_slope vs Slug

Right In: -515.432+/-6.149 χ^2/NDF: 126.1/1

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -554.444+/-3.726 χ^2/NDF: 744.1/2

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

+ sign -409.353+/-1.869 χ^2/NDF: 6113.6/26

All: -429.686+/-1.281 χ^2/NDF: 12095.4/52

- sign -447.723+/-1.760 χ^2/NDF: 5758.4/25

reg_asym_atl2_diff_bpm4aY_slope vs Slug

Right In: -0.225+/-1.837 χ^2/NDF: 380.2/18

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 8.563+/-1.793 χ^2/NDF: 418.0/21

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

+ sign 0.325+/-1.167 χ^2/NDF: 730.2/43

All: 1.986+/-0.830 χ^2/NDF: 1429.5/88

- sign 3.689+/-1.182 χ^2/NDF: 695.2/44

reg_asym_atl2_diff_bpm4eX_slope vs Slug

Right In: 467.136+/-2.965 χ^2/NDF: 1759.6/18

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 469.885+/-2.299 χ^2/NDF: 2981.4/21

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

+ sign 380.582+/-1.641 χ^2/NDF: 8170.2/43

All: 395.133+/-1.110 χ^2/NDF: 16040.7/88

- sign 407.411+/-1.507 χ^2/NDF: 7725.6/44

reg_asym_atl2_diff_bpm4eY_slope vs Slug

Right In: 115.283+/-2.156 χ^2/NDF: 741.4/18

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 105.235+/-2.120 χ^2/NDF: 623.6/21

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

+ sign 125.890+/-1.352 χ^2/NDF: 1530.9/43

All: 125.664+/-0.961 χ^2/NDF: 2631.7/88

- sign 125.433+/-1.367 χ^2/NDF: 1100.8/44

reg_asym_atl2_diff_bpm12X_slope vs Slug

Right In: -219.062+/-0.132 χ^2/NDF: 152018.9/18

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -217.706+/-0.123 χ^2/NDF: 130111.8/21

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

+ sign -246.393+/-0.070 χ^2/NDF: 877706.3/43

All: -249.456+/-0.049 χ^2/NDF: 1392186.1/88

- sign -252.451+/-0.069 χ^2/NDF: 510668.9/44

reg_asym_atr1_diff_bpm1X_slope vs Slug

Right In: -122.997+/-2.288 χ^2/NDF: 166.5/1

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -101.097+/-1.232 χ^2/NDF: 1582.4/2

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

+ sign -55.073+/-0.557 χ^2/NDF: 1855.7/26

All: -57.193+/-0.382 χ^2/NDF: 5488.1/52

- sign -59.085+/-0.526 χ^2/NDF: 3605.0/25

reg_asym_atr1_diff_bpm4aY_slope vs Slug

Right In: 18.168+/-0.865 χ^2/NDF: 229.1/18

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 16.362+/-0.761 χ^2/NDF: 237.7/21

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

+ sign 11.312+/-0.397 χ^2/NDF: 441.7/43

All: 11.249+/-0.280 χ^2/NDF: 868.3/88

- sign 11.186+/-0.394 χ^2/NDF: 426.6/44

reg_asym_atr1_diff_bpm4eX_slope vs Slug

Right In: 57.168+/-1.260 χ^2/NDF: 531.3/18

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 42.657+/-0.852 χ^2/NDF: 2539.4/21

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

+ sign 3.951+/-0.521 χ^2/NDF: 3580.6/43

All: 6.062+/-0.352 χ^2/NDF: 9340.6/88

- sign 7.842+/-0.478 χ^2/NDF: 5729.7/44

reg_asym_atr1_diff_bpm4eY_slope vs Slug

Right In: -32.134+/-1.005 χ^2/NDF: 332.8/18

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -30.451+/-0.917 χ^2/NDF: 484.4/21

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

+ sign -19.858+/-0.453 χ^2/NDF: 743.3/43

All: -20.106+/-0.320 χ^2/NDF: 1716.7/88

- sign -20.353+/-0.453 χ^2/NDF: 972.8/44

reg_asym_atr1_diff_bpm12X_slope vs Slug

Right In: -23.471+/-0.056 χ^2/NDF: 65016.6/18

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -23.073+/-0.052 χ^2/NDF: 124489.4/21

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

+ sign -20.438+/-0.022 χ^2/NDF: 209524.0/43

All: -20.091+/-0.015 χ^2/NDF: 432119.7/88

- sign -19.746+/-0.021 χ^2/NDF: 222078.8/44

reg_asym_atr2_diff_bpm1X_slope vs Slug

Right In: -638.143+/-7.117 χ^2/NDF: 87.0/1

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -676.598+/-4.239 χ^2/NDF: 643.7/2

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

+ sign -409.072+/-1.901 χ^2/NDF: 3911.2/26

All: -428.096+/-1.310 χ^2/NDF: 10666.0/52

- sign -445.291+/-1.807 χ^2/NDF: 6564.1/25

reg_asym_atr2_diff_bpm4aY_slope vs Slug

Right In: -9.186+/-2.666 χ^2/NDF: 480.8/18

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 5.981+/-2.370 χ^2/NDF: 570.8/21

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

+ sign -5.694+/-1.286 χ^2/NDF: 1254.4/43

All: -4.066+/-0.905 χ^2/NDF: 2503.8/88

- sign -2.463+/-1.275 χ^2/NDF: 1246.2/44

reg_asym_atr2_diff_bpm4eX_slope vs Slug

Right In: 701.824+/-3.827 χ^2/NDF: 2718.9/18

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 716.679+/-2.777 χ^2/NDF: 4045.1/21

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

+ sign 539.573+/-1.752 χ^2/NDF: 7582.0/43

All: 556.526+/-1.188 χ^2/NDF: 18260.9/88

- sign 570.925+/-1.615 χ^2/NDF: 10505.8/44

reg_asym_atr2_diff_bpm4eY_slope vs Slug

Right In: 167.817+/-3.123 χ^2/NDF: 753.5/18

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 137.116+/-2.864 χ^2/NDF: 862.0/21

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

+ sign 147.484+/-1.496 χ^2/NDF: 1766.2/43

All: 143.792+/-1.056 χ^2/NDF: 3386.0/88

- sign 140.131+/-1.490 χ^2/NDF: 1607.7/44

reg_asym_atr2_diff_bpm12X_slope vs Slug

Right In: -240.635+/-0.156 χ^2/NDF: 171932.6/18

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -232.497+/-0.144 χ^2/NDF: 119506.2/21

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

+ sign -258.781+/-0.072 χ^2/NDF: 227094.8/43

All: -256.510+/-0.051 χ^2/NDF: 402325.5/88

- sign -254.312+/-0.071 χ^2/NDF: 173284.2/44

reg_asym_atl_avg_diff_bpm1X_slope vs Slug

Right In: -260.983+/-3.202 χ^2/NDF: 143.6/1

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -275.717+/-1.916 χ^2/NDF: 769.1/2

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

+ sign -207.214+/-1.011 χ^2/NDF: 6566.8/26

All: -216.773+/-0.688 χ^2/NDF: 13289.2/52

- sign -225.030+/-0.940 χ^2/NDF: 6555.7/25

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug

Right In: 6.724+/-1.053 χ^2/NDF: 355.8/18

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 9.179+/-0.988 χ^2/NDF: 317.9/21

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

+ sign 4.315+/-0.649 χ^2/NDF: 784.8/43

All: 5.042+/-0.458 χ^2/NDF: 1450.0/88

- sign 5.763+/-0.646 χ^2/NDF: 662.6/44

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug

Right In: 216.454+/-1.586 χ^2/NDF: 7032.5/18

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 227.839+/-1.209 χ^2/NDF: 9543.5/21

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

+ sign 197.894+/-0.887 χ^2/NDF: 13881.3/43

All: 205.430+/-0.596 χ^2/NDF: 28468.6/88

- sign 211.634+/-0.805 χ^2/NDF: 14455.6/44

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug

Right In: 39.317+/-1.242 χ^2/NDF: 747.1/18

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 32.144+/-1.190 χ^2/NDF: 565.0/21

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

+ sign 52.597+/-0.752 χ^2/NDF: 1642.5/43

All: 51.419+/-0.532 χ^2/NDF: 3009.1/88

- sign 50.240+/-0.753 χ^2/NDF: 1361.7/44

reg_asym_atl_avg_diff_bpm12X_slope vs Slug

Right In: -61.216+/-0.060 χ^2/NDF: 1162482.8/18

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -61.151+/-0.058 χ^2/NDF: 1134198.8/21

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

+ sign -109.304+/-0.036 χ^2/NDF: 2893517.2/43

All: -110.087+/-0.025 χ^2/NDF: 5575830.9/88

- sign -110.854+/-0.036 χ^2/NDF: 2681370.9/44

reg_asym_atl_dd_diff_bpm1X_slope vs Slug

Right In: 255.175+/-3.152 χ^2/NDF: 92.1/1

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 276.228+/-1.919 χ^2/NDF: 706.7/2

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

+ sign 203.493+/-0.924 χ^2/NDF: 4532.8/26

All: 213.012+/-0.636 χ^2/NDF: 9097.4/52

- sign 221.593+/-0.877 χ^2/NDF: 4362.7/25

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug

Right In: 11.350+/-0.897 χ^2/NDF: 400.6/18

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 6.564+/-0.864 χ^2/NDF: 507.1/21

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

+ sign 6.163+/-0.573 χ^2/NDF: 731.3/43

All: 5.509+/-0.406 χ^2/NDF: 1442.8/88

- sign 4.848+/-0.576 χ^2/NDF: 708.9/44

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug

Right In: -201.409+/-1.475 χ^2/NDF: 692.1/18

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -201.568+/-1.150 χ^2/NDF: 2520.8/21

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

+ sign -168.071+/-0.810 χ^2/NDF: 4355.3/43

All: -173.291+/-0.550 χ^2/NDF: 9745.7/88

- sign -177.742+/-0.748 χ^2/NDF: 5313.5/44

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug

Right In: -76.441+/-1.050 χ^2/NDF: 722.3/18

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -69.883+/-1.017 χ^2/NDF: 714.7/21

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

+ sign -74.817+/-0.663 χ^2/NDF: 1454.6/43

All: -74.542+/-0.470 χ^2/NDF: 2454.8/88

- sign -74.265+/-0.666 χ^2/NDF: 999.9/44

reg_asym_atl_dd_diff_bpm12X_slope vs Slug

Right In: 104.670+/-0.068 χ^2/NDF: 281029.5/18

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 89.353+/-0.061 χ^2/NDF: 469576.4/21

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

+ sign 117.527+/-0.035 χ^2/NDF: 767051.8/43

All: 116.205+/-0.024 χ^2/NDF: 1663892.3/88

- sign 114.949+/-0.034 χ^2/NDF: 894023.2/44

reg_asym_atr_avg_diff_bpm1X_slope vs Slug

Right In: -378.599+/-4.102 χ^2/NDF: 144.5/1

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -393.299+/-2.408 χ^2/NDF: 942.2/2

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

+ sign -231.913+/-1.051 χ^2/NDF: 4079.1/26

All: -242.190+/-0.724 χ^2/NDF: 11584.6/52

- sign -251.477+/-0.999 χ^2/NDF: 7323.5/25

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug

Right In: 2.578+/-1.456 χ^2/NDF: 324.0/18

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 8.638+/-1.283 χ^2/NDF: 368.3/21

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

+ sign 2.747+/-0.708 χ^2/NDF: 1009.6/43

All: 3.384+/-0.497 χ^2/NDF: 1990.6/88

- sign 4.004+/-0.699 χ^2/NDF: 979.5/44

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug

Right In: 383.349+/-2.144 χ^2/NDF: 2589.8/18

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 381.082+/-1.549 χ^2/NDF: 4674.0/21

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

+ sign 272.968+/-0.968 χ^2/NDF: 8485.5/43

All: 281.843+/-0.656 χ^2/NDF: 20854.4/88

- sign 289.372+/-0.891 χ^2/NDF: 12213.4/44

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug

Right In: 67.834+/-1.703 χ^2/NDF: 494.4/18

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 55.403+/-1.544 χ^2/NDF: 559.8/21

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

+ sign 63.033+/-0.822 χ^2/NDF: 1375.1/43

All: 61.326+/-0.579 χ^2/NDF: 2656.7/88

- sign 59.650+/-0.815 χ^2/NDF: 1273.1/44

reg_asym_atr_avg_diff_bpm12X_slope vs Slug

Right In: -129.079+/-0.087 χ^2/NDF: 177504.4/18

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -121.037+/-0.079 χ^2/NDF: 204951.2/21

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

+ sign -139.149+/-0.040 χ^2/NDF: 272110.5/43

All: -137.274+/-0.028 χ^2/NDF: 573792.0/88

- sign -135.477+/-0.039 χ^2/NDF: 297344.1/44

reg_asym_atr_dd_diff_bpm1X_slope vs Slug

Right In: 255.805+/-3.351 χ^2/NDF: 36.3/1

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 277.799+/-2.008 χ^2/NDF: 398.6/2

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

+ sign 174.712+/-0.935 χ^2/NDF: 3136.8/26

All: 183.536+/-0.644 χ^2/NDF: 8038.2/52

- sign 191.513+/-0.889 χ^2/NDF: 4731.7/25

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug

Right In: 14.108+/-1.404 χ^2/NDF: 574.0/18

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 3.540+/-1.235 χ^2/NDF: 713.5/21

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

+ sign 9.630+/-0.648 χ^2/NDF: 1337.5/43

All: 8.466+/-0.457 χ^2/NDF: 2700.4/88

- sign 7.314+/-0.645 χ^2/NDF: 1356.4/44

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug

Right In: -328.904+/-1.921 χ^2/NDF: 1887.2/18

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -336.340+/-1.363 χ^2/NDF: 2772.4/21

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

+ sign -265.982+/-0.869 χ^2/NDF: 5469.8/43

All: -273.773+/-0.588 χ^2/NDF: 12921.5/88

- sign -280.356+/-0.799 χ^2/NDF: 7303.5/44

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug

Right In: -100.156+/-1.642 χ^2/NDF: 901.5/18

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -83.133+/-1.497 χ^2/NDF: 1160.8/21

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

+ sign -85.006+/-0.752 χ^2/NDF: 1920.5/43

All: -83.198+/-0.532 χ^2/NDF: 3790.1/88

- sign -81.392+/-0.752 χ^2/NDF: 1858.0/44

reg_asym_atr_dd_diff_bpm12X_slope vs Slug

Right In: 109.085+/-0.082 χ^2/NDF: 74242.9/18

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 104.424+/-0.075 χ^2/NDF: 58214.7/21

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

+ sign 118.899+/-0.036 χ^2/NDF: 96730.0/43

All: 118.002+/-0.025 χ^2/NDF: 196574.3/88

- sign 117.129+/-0.036 χ^2/NDF: 98628.8/44

reg_asym_at1_avg_diff_bpm1X_slope vs Slug

Right In: -65.595+/-1.336 χ^2/NDF: 186.6/1

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -45.547+/-0.729 χ^2/NDF: 2265.9/2

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

+ sign -32.029+/-0.374 χ^2/NDF: 2751.4/26

All: -32.443+/-0.254 χ^2/NDF: 7287.7/52

- sign -32.798+/-0.346 χ^2/NDF: 4534.0/25

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug

Right In: 17.913+/-0.603 χ^2/NDF: 673.6/18

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 15.453+/-0.532 χ^2/NDF: 550.9/21

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

+ sign 9.162+/-0.271 χ^2/NDF: 1260.3/43

All: 9.416+/-0.191 χ^2/NDF: 2313.4/88

- sign 9.667+/-0.270 χ^2/NDF: 1051.4/44

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug

Right In: 63.048+/-0.826 χ^2/NDF: 1493.7/18

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 41.727+/-0.533 χ^2/NDF: 5952.5/21

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

+ sign 26.002+/-0.351 χ^2/NDF: 6346.1/43

All: 26.320+/-0.235 χ^2/NDF: 16011.3/88

- sign 26.576+/-0.315 χ^2/NDF: 9663.7/44

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug

Right In: -32.329+/-0.708 χ^2/NDF: 818.5/18

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -30.184+/-0.653 χ^2/NDF: 932.5/21

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

+ sign -17.135+/-0.310 χ^2/NDF: 1962.6/43

All: -17.713+/-0.219 χ^2/NDF: 4168.9/88

- sign -18.292+/-0.311 χ^2/NDF: 2199.3/44

reg_asym_at1_avg_diff_bpm12X_slope vs Slug

Right In: -17.237+/-0.042 χ^2/NDF: 480959.8/18

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -19.771+/-0.039 χ^2/NDF: 446135.6/21

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

+ sign -18.198+/-0.015 χ^2/NDF: 765364.7/43

All: -18.284+/-0.010 χ^2/NDF: 1458727.1/88

- sign -18.371+/-0.015 χ^2/NDF: 693293.8/44

reg_asym_at1_dd_diff_bpm1X_slope vs Slug

Right In: 59.825+/-1.461 χ^2/NDF: 44.7/1

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 56.742+/-0.812 χ^2/NDF: 413.4/2

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

+ sign 22.900+/-0.362 χ^2/NDF: 1341.0/26

All: 24.660+/-0.249 χ^2/NDF: 4089.2/52

- sign 26.242+/-0.343 χ^2/NDF: 2703.3/25

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug

Right In: -1.113+/-0.617 χ^2/NDF: 135.8/18

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.996+/-0.560 χ^2/NDF: 88.7/21

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

+ sign -2.187+/-0.265 χ^2/NDF: 243.2/43

All: -1.901+/-0.187 χ^2/NDF: 405.9/88

- sign -1.613+/-0.265 χ^2/NDF: 160.4/44

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug

Right In: 1.965+/-0.872 χ^2/NDF: 1275.7/18

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -1.964+/-0.586 χ^2/NDF: 2345.8/21

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

+ sign 22.422+/-0.343 χ^2/NDF: 3504.7/43

All: 20.604+/-0.233 χ^2/NDF: 8523.1/88

- sign 19.050+/-0.317 χ^2/NDF: 4966.2/44

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug

Right In: -0.031+/-0.719 χ^2/NDF: 80.1/18

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -0.753+/-0.679 χ^2/NDF: 69.8/21

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

+ sign 2.694+/-0.301 χ^2/NDF: 199.3/43

All: 2.384+/-0.214 χ^2/NDF: 359.4/88

- sign 2.068+/-0.304 χ^2/NDF: 157.9/44

reg_asym_at1_dd_diff_bpm12X_slope vs Slug

Right In: 9.161+/-0.042 χ^2/NDF: 369786.8/18

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 8.139+/-0.040 χ^2/NDF: 556365.0/21

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

+ sign 1.859+/-0.014 χ^2/NDF: 512312.5/43

All: 1.650+/-0.010 χ^2/NDF: 1151992.9/88

- sign 1.440+/-0.014 χ^2/NDF: 639251.5/44

reg_asym_at2_avg_diff_bpm1X_slope vs Slug

Right In: -579.652+/-6.344 χ^2/NDF: 105.6/1

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -619.077+/-3.824 χ^2/NDF: 702.9/2

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

+ sign -410.919+/-1.828 χ^2/NDF: 4581.2/26

All: -433.063+/-1.265 χ^2/NDF: 11037.7/52

- sign -453.407+/-1.752 χ^2/NDF: 6174.9/25

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug

Right In: -6.203+/-2.226 χ^2/NDF: 443.7/18

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 6.661+/-2.070 χ^2/NDF: 518.8/21

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

+ sign -3.328+/-1.206 χ^2/NDF: 1008.9/43

All: -1.597+/-0.859 χ^2/NDF: 2001.4/88

- sign 0.186+/-1.223 χ^2/NDF: 988.3/44

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug

Right In: 590.252+/-3.339 χ^2/NDF: 2214.6/18

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 596.608+/-2.476 χ^2/NDF: 3495.5/21

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

+ sign 462.291+/-1.662 χ^2/NDF: 7407.2/43

All: 480.035+/-1.129 χ^2/NDF: 16741.3/88

- sign 495.252+/-1.539 χ^2/NDF: 9122.2/44

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug

Right In: 145.822+/-2.614 χ^2/NDF: 718.4/18

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 125.313+/-2.479 χ^2/NDF: 709.6/21

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

+ sign 139.617+/-1.403 χ^2/NDF: 1465.2/43

All: 138.119+/-1.000 χ^2/NDF: 2671.7/88

- sign 136.575+/-1.424 χ^2/NDF: 1204.2/44

reg_asym_at2_avg_diff_bpm12X_slope vs Slug

Right In: -236.444+/-0.144 χ^2/NDF: 148996.1/18

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -231.720+/-0.134 χ^2/NDF: 112140.6/21

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

+ sign -255.054+/-0.070 χ^2/NDF: 390903.8/43

All: -256.424+/-0.049 χ^2/NDF: 654644.2/88

- sign -257.789+/-0.070 χ^2/NDF: 262967.5/44

reg_asym_at2_dd_diff_bpm1X_slope vs Slug

Right In: -48.552+/-2.074 χ^2/NDF: 23.7/1

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -51.227+/-1.129 χ^2/NDF: 177.3/2

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

+ sign 19.914+/-0.392 χ^2/NDF: 6089.6/26

All: 17.230+/-0.272 χ^2/NDF: 13021.3/52

- sign 14.745+/-0.377 χ^2/NDF: 6841.2/25

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug

Right In: -5.841+/-0.748 χ^2/NDF: 335.3/18

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -3.867+/-0.678 χ^2/NDF: 374.1/21

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

+ sign -5.669+/-0.291 χ^2/NDF: 1226.9/43

All: -5.773+/-0.205 χ^2/NDF: 2396.3/88

- sign -5.875+/-0.290 χ^2/NDF: 1169.2/44

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug

Right In: 125.381+/-1.093 χ^2/NDF: 2261.9/18

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 130.024+/-0.760 χ^2/NDF: 2475.6/21

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

+ sign 65.725+/-0.374 χ^2/NDF: 9966.6/43

All: 69.519+/-0.257 χ^2/NDF: 21694.8/88

- sign 72.893+/-0.353 χ^2/NDF: 11533.8/44

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug

Right In: 20.553+/-0.868 χ^2/NDF: 1153.1/18

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 14.614+/-0.811 χ^2/NDF: 1243.3/21

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

+ sign 6.060+/-0.330 χ^2/NDF: 3979.8/43

All: 5.827+/-0.233 χ^2/NDF: 7575.6/88

- sign 5.595+/-0.330 χ^2/NDF: 3594.8/44

reg_asym_at2_dd_diff_bpm12X_slope vs Slug

Right In: -6.908+/-0.045 χ^2/NDF: 267383.1/18

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -4.100+/-0.043 χ^2/NDF: 273679.8/21

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

+ sign 2.823+/-0.015 χ^2/NDF: 1660979.9/43

All: 3.468+/-0.011 χ^2/NDF: 3069984.1/88

- sign 4.105+/-0.015 χ^2/NDF: 1405506.8/44

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug

Right In: -320.636+/-3.816 χ^2/NDF: 103.1/1

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -333.404+/-2.227 χ^2/NDF: 714.9/2

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

+ sign -208.931+/-1.041 χ^2/NDF: 4249.5/26

All: -218.040+/-0.714 χ^2/NDF: 11003.4/52

- sign -226.142+/-0.981 χ^2/NDF: 6609.2/25

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug

Right In: 0.820+/-1.393 χ^2/NDF: 292.2/18

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 5.157+/-1.262 χ^2/NDF: 388.3/21

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

+ sign 0.294+/-0.701 χ^2/NDF: 1122.5/43

All: 0.990+/-0.494 χ^2/NDF: 2243.3/88

- sign 1.679+/-0.697 χ^2/NDF: 1118.8/44

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug

Right In: 313.159+/-1.950 χ^2/NDF: 8675.8/18

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 345.187+/-1.450 χ^2/NDF: 10730.8/21

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

+ sign 279.520+/-0.945 χ^2/NDF: 12213.5/43

All: 288.950+/-0.640 χ^2/NDF: 28094.2/88

- sign 296.932+/-0.870 χ^2/NDF: 15696.9/44

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug

Right In: 59.837+/-1.638 χ^2/NDF: 779.5/18

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 46.151+/-1.539 χ^2/NDF: 725.8/21

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

+ sign 63.886+/-0.814 χ^2/NDF: 1793.3/43

All: 61.424+/-0.576 χ^2/NDF: 3436.9/88

- sign 58.957+/-0.815 χ^2/NDF: 1625.3/44

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug

Right In: -56.663+/-0.069 χ^2/NDF: 1287322.1/18

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -62.349+/-0.069 χ^2/NDF: 1089453.9/21

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

+ sign -115.744+/-0.038 χ^2/NDF: 2403175.0/43

All: -116.159+/-0.027 χ^2/NDF: 4430855.3/88

- sign -116.575+/-0.038 χ^2/NDF: 2027435.7/44

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug

Right In: 316.967+/-3.476 χ^2/NDF: 66.4/1

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 340.294+/-2.101 χ^2/NDF: 583.0/2

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

+ sign 197.802+/-0.924 χ^2/NDF: 3299.5/26

All: 207.883+/-0.638 χ^2/NDF: 9705.3/52

- sign 217.064+/-0.881 χ^2/NDF: 6178.1/25

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug

Right In: 16.947+/-1.316 χ^2/NDF: 564.8/18

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 7.682+/-1.126 χ^2/NDF: 748.4/21

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

+ sign 8.378+/-0.628 χ^2/NDF: 1270.3/43

All: 7.706+/-0.439 χ^2/NDF: 2547.2/88

- sign 7.061+/-0.615 χ^2/NDF: 1274.6/44

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug

Right In: -339.092+/-1.912 χ^2/NDF: 852.5/18

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -331.434+/-1.370 χ^2/NDF: 4694.5/21

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

+ sign -246.895+/-0.856 χ^2/NDF: 5782.8/43

All: -253.637+/-0.580 χ^2/NDF: 16021.7/88

- sign -259.363+/-0.789 χ^2/NDF: 10124.3/44

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug

Right In: -106.107+/-1.538 χ^2/NDF: 692.2/18

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -81.825+/-1.358 χ^2/NDF: 1202.2/21

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

+ sign -83.780+/-0.730 χ^2/NDF: 1808.8/43

All: -81.308+/-0.512 χ^2/NDF: 3664.5/88

- sign -78.909+/-0.719 χ^2/NDF: 1833.1/44

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug

Right In: 128.145+/-0.086 χ^2/NDF: 190032.3/18

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 88.408+/-0.072 χ^2/NDF: 827971.1/21

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

+ sign 123.043+/-0.036 χ^2/NDF: 221702.3/43

All: 118.064+/-0.025 χ^2/NDF: 1253517.0/88

- sign 113.429+/-0.035 χ^2/NDF: 994679.5/44

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug

Right In: -313.109+/-3.809 χ^2/NDF: 195.5/1

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -331.342+/-2.270 χ^2/NDF: 968.5/2

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

+ sign -232.433+/-1.042 χ^2/NDF: 5349.7/26

All: -243.156+/-0.719 χ^2/NDF: 11588.9/52

- sign -252.891+/-0.993 χ^2/NDF: 6037.3/25

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug

Right In: 8.833+/-1.058 χ^2/NDF: 306.1/18

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 12.143+/-1.012 χ^2/NDF: 286.4/21

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

+ sign 6.810+/-0.654 χ^2/NDF: 625.4/43

All: 7.465+/-0.464 χ^2/NDF: 1184.3/88

- sign 8.128+/-0.658 χ^2/NDF: 556.8/44

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug

Right In: 264.095+/-1.739 χ^2/NDF: 1558.7/18

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 259.182+/-1.351 χ^2/NDF: 3496.3/21

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

+ sign 195.486+/-0.921 χ^2/NDF: 7961.8/43

All: 203.113+/-0.626 χ^2/NDF: 17058.2/88

- sign 209.662+/-0.854 χ^2/NDF: 8969.0/44

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug

Right In: 41.283+/-1.237 χ^2/NDF: 587.1/18

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 36.717+/-1.193 χ^2/NDF: 482.0/21

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

+ sign 51.336+/-0.756 χ^2/NDF: 1334.1/43

All: 51.055+/-0.536 χ^2/NDF: 2391.4/88

- sign 50.771+/-0.761 χ^2/NDF: 1057.0/44

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug

Right In: -119.315+/-0.076 χ^2/NDF: 152285.2/18

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -110.302+/-0.069 χ^2/NDF: 364701.0/21

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

+ sign -133.687+/-0.039 χ^2/NDF: 726616.3/43

All: -133.610+/-0.027 χ^2/NDF: 1513939.7/88

- sign -133.535+/-0.038 χ^2/NDF: 787315.7/44

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug

Right In: 200.197+/-2.614 χ^2/NDF: 40.5/1

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 216.904+/-1.602 χ^2/NDF: 518.9/2

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

+ sign 177.704+/-0.909 χ^2/NDF: 5676.0/26

All: 186.054+/-0.617 χ^2/NDF: 10290.6/52

- sign 193.196+/-0.840 χ^2/NDF: 4457.8/25

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug

Right In: 9.651+/-1.009 χ^2/NDF: 439.9/18

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 2.917+/-0.946 χ^2/NDF: 506.9/21

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

+ sign 6.859+/-0.602 χ^2/NDF: 796.9/43

All: 5.651+/-0.425 χ^2/NDF: 1575.3/88

- sign 4.447+/-0.601 χ^2/NDF: 770.4/44

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug

Right In: -206.574+/-1.473 χ^2/NDF: 1260.1/18

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -205.610+/-1.077 χ^2/NDF: 2407.2/21

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

+ sign -184.933+/-0.812 χ^2/NDF: 6674.2/43

All: -190.122+/-0.542 χ^2/NDF: 12440.9/88

- sign -194.284+/-0.728 χ^2/NDF: 5693.1/44

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug

Right In: -74.976+/-1.187 χ^2/NDF: 897.1/18

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -67.342+/-1.134 χ^2/NDF: 857.2/21

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

+ sign -76.137+/-0.697 χ^2/NDF: 1645.3/43

All: -75.690+/-0.493 χ^2/NDF: 2868.4/88

- sign -75.241+/-0.698 χ^2/NDF: 1222.3/44

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug

Right In: 98.031+/-0.070 χ^2/NDF: 95270.8/18

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 89.675+/-0.063 χ^2/NDF: 230844.4/21

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

+ sign 114.087+/-0.035 χ^2/NDF: 824909.7/43

All: 114.364+/-0.025 χ^2/NDF: 1498294.6/88

- sign 114.630+/-0.034 χ^2/NDF: 673263.4/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug

Right In: 258.962+/-2.906 χ^2/NDF: 57.6/1

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 279.797+/-1.771 χ^2/NDF: 562.2/2

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

+ sign 189.602+/-0.876 χ^2/NDF: 3914.9/26

All: 200.395+/-0.605 χ^2/NDF: 9204.8/52

- sign 210.240+/-0.836 χ^2/NDF: 4999.5/25

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug

Right In: 13.744+/-1.098 χ^2/NDF: 548.0/18

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 4.720+/-0.989 χ^2/NDF: 730.4/21

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

+ sign 7.793+/-0.586 χ^2/NDF: 1114.3/43

All: 6.722+/-0.415 χ^2/NDF: 2263.3/88

- sign 5.646+/-0.587 χ^2/NDF: 1142.4/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug

Right In: -274.790+/-1.610 χ^2/NDF: 960.5/18

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -273.450+/-1.168 χ^2/NDF: 2634.9/21

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

+ sign -219.698+/-0.800 χ^2/NDF: 4978.5/43

All: -226.992+/-0.541 χ^2/NDF: 11873.6/88

- sign -233.147+/-0.735 χ^2/NDF: 6742.0/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug

Right In: -91.636+/-1.289 χ^2/NDF: 821.5/18

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -77.645+/-1.188 χ^2/NDF: 1040.2/21

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

+ sign -80.990+/-0.681 χ^2/NDF: 1674.9/43

All: -80.015+/-0.483 χ^2/NDF: 3136.4/88

- sign -79.030+/-0.684 χ^2/NDF: 1457.3/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug

Right In: 116.275+/-0.075 χ^2/NDF: 107132.6/18

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 101.832+/-0.065 χ^2/NDF: 188652.9/21

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

+ sign 120.335+/-0.034 χ^2/NDF: 275670.4/43

All: 119.447+/-0.024 χ^2/NDF: 609127.8/88

- sign 118.592+/-0.033 χ^2/NDF: 332126.5/44

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug

Right In: 6.464+/-1.469 χ^2/NDF: 0.2/1

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 3.669+/-0.805 χ^2/NDF: 2.4/2

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

+ sign 20.901+/-0.278 χ^2/NDF: 2506.6/26

All: 20.444+/-0.193 χ^2/NDF: 3918.9/52

- sign 20.018+/-0.268 χ^2/NDF: 1407.1/25

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug

Right In: -4.078+/-0.554 χ^2/NDF: 192.5/18

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.893+/-0.513 χ^2/NDF: 252.8/21

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

+ sign -4.024+/-0.207 χ^2/NDF: 924.2/43

All: -3.950+/-0.147 χ^2/NDF: 1761.7/88

- sign -3.876+/-0.208 χ^2/NDF: 837.3/44

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug

Right In: 65.889+/-0.812 χ^2/NDF: 1868.3/18

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 66.596+/-0.560 χ^2/NDF: 1998.8/21

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

+ sign 44.859+/-0.266 χ^2/NDF: 4475.2/43

All: 45.882+/-0.183 χ^2/NDF: 8726.8/88

- sign 46.802+/-0.253 χ^2/NDF: 4223.6/44

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug

Right In: 10.602+/-0.641 χ^2/NDF: 524.4/18

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 9.039+/-0.613 χ^2/NDF: 701.9/21

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

+ sign 4.401+/-0.235 χ^2/NDF: 2280.1/43

All: 4.199+/-0.167 χ^2/NDF: 4336.0/88

- sign 3.995+/-0.236 χ^2/NDF: 2054.4/44

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug

Right In: 2.073+/-0.036 χ^2/NDF: 359853.4/18

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 0.283+/-0.034 χ^2/NDF: 365453.8/21

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

+ sign 2.456+/-0.011 χ^2/NDF: 948120.5/43

All: 2.711+/-0.008 χ^2/NDF: 1731283.9/88

- sign 2.965+/-0.011 χ^2/NDF: 782089.1/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug

Right In: -319.705+/-3.541 χ^2/NDF: 152.8/1

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -335.620+/-2.101 χ^2/NDF: 890.4/2

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

+ sign -221.425+/-0.994 χ^2/NDF: 4815.4/26

All: -232.269+/-0.686 χ^2/NDF: 11919.1/52

- sign -242.144+/-0.948 χ^2/NDF: 6876.3/25

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug

Right In: 5.835+/-1.184 χ^2/NDF: 326.4/18

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 9.163+/-1.071 χ^2/NDF: 336.9/21

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

+ sign 3.709+/-0.651 χ^2/NDF: 913.1/43

All: 4.375+/-0.461 χ^2/NDF: 1753.2/88

- sign 5.041+/-0.651 χ^2/NDF: 838.0/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug

Right In: 291.094+/-1.758 χ^2/NDF: 5406.0/18

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 298.322+/-1.316 χ^2/NDF: 8033.9/21

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

+ sign 237.177+/-0.894 χ^2/NDF: 10371.1/43

All: 245.773+/-0.606 χ^2/NDF: 23967.1/88

- sign 253.093+/-0.825 χ^2/NDF: 13424.7/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug

Right In: 52.315+/-1.391 χ^2/NDF: 671.8/18

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 43.373+/-1.292 χ^2/NDF: 566.4/21

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

+ sign 58.596+/-0.757 χ^2/NDF: 1419.6/43

All: 57.255+/-0.537 χ^2/NDF: 2656.1/88

- sign 55.904+/-0.760 χ^2/NDF: 1230.2/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug

Right In: -93.350+/-0.066 χ^2/NDF: 563336.7/18

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -90.661+/-0.063 χ^2/NDF: 570600.9/21

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

+ sign -125.805+/-0.036 χ^2/NDF: 1150214.8/43

All: -125.531+/-0.025 χ^2/NDF: 2322958.1/88

- sign -125.259+/-0.036 χ^2/NDF: 1172628.5/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug

Right In: 56.439+/-1.013 χ^2/NDF: 63.2/1

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 55.269+/-0.563 χ^2/NDF: 636.9/2

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

+ sign 2.244+/-0.259 χ^2/NDF: 7253.5/26

All: 5.553+/-0.177 χ^2/NDF: 19243.5/52

- sign 8.473+/-0.243 χ^2/NDF: 11682.4/25

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug

Right In: 2.773+/-0.438 χ^2/NDF: 394.9/18

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 1.596+/-0.399 χ^2/NDF: 342.5/21

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

+ sign 1.732+/-0.190 χ^2/NDF: 660.2/43

All: 1.841+/-0.134 χ^2/NDF: 1279.8/88

- sign 1.949+/-0.189 χ^2/NDF: 618.9/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug

Right In: -65.796+/-0.602 χ^2/NDF: 1400.8/18

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -68.654+/-0.402 χ^2/NDF: 2499.1/21

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

+ sign -23.462+/-0.244 χ^2/NDF: 11772.4/43

All: -27.621+/-0.165 χ^2/NDF: 29463.9/88

- sign -31.098+/-0.223 χ^2/NDF: 17157.8/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug

Right In: -11.264+/-0.512 χ^2/NDF: 887.1/18

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -10.070+/-0.483 χ^2/NDF: 888.8/21

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

+ sign -1.894+/-0.216 χ^2/NDF: 2440.7/43

All: -1.973+/-0.153 χ^2/NDF: 4701.9/88

- sign -2.052+/-0.217 χ^2/NDF: 2260.9/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug

Right In: 11.131+/-0.029 χ^2/NDF: 388355.3/18

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 9.877+/-0.028 χ^2/NDF: 570937.3/21

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

+ sign -0.534+/-0.010 χ^2/NDF: 1618833.0/43

All: -0.889+/-0.007 χ^2/NDF: 3145465.2/88

- sign -1.242+/-0.010 χ^2/NDF: 1524232.3/44

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug

Right In: 5.054+/-0.188 χ^2/NDF: 328.6/1

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 3.593+/-0.093 χ^2/NDF: 572.3/2

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

+ sign -17.170+/-0.038 χ^2/NDF: 103461.0/26

All: -15.463+/-0.026 χ^2/NDF: 194424.4/52

- sign -14.012+/-0.035 χ^2/NDF: 87258.0/25

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug

Right In: 1.368+/-0.059 χ^2/NDF: 812.5/18

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.759+/-0.053 χ^2/NDF: 1189.5/21

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

+ sign 0.733+/-0.028 χ^2/NDF: 8029.6/43

All: 0.602+/-0.019 χ^2/NDF: 15579.7/88

- sign 0.488+/-0.027 χ^2/NDF: 7510.4/44

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug

Right In: -2.772+/-0.090 χ^2/NDF: 840.6/18

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -2.685+/-0.060 χ^2/NDF: 1516.3/21

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

+ sign 14.843+/-0.036 χ^2/NDF: 123771.9/43

All: 12.734+/-0.024 χ^2/NDF: 245936.2/88

- sign 11.073+/-0.032 χ^2/NDF: 115998.2/44

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug

Right In: -1.666+/-0.069 χ^2/NDF: 1422.8/18

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -1.325+/-0.062 χ^2/NDF: 1694.9/21

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

+ sign -1.408+/-0.032 χ^2/NDF: 9361.4/43

All: -1.283+/-0.022 χ^2/NDF: 17871.3/88

- sign -1.174+/-0.030 χ^2/NDF: 8481.2/44

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug

Right In: 0.223+/-0.004 χ^2/NDF: 1113.6/18

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.243+/-0.003 χ^2/NDF: 1642.6/21

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

+ sign 0.127+/-0.001 χ^2/NDF: 6234.3/43

All: 0.118+/-0.001 χ^2/NDF: 13306.5/88

- sign 0.111+/-0.001 χ^2/NDF: 7011.0/44

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug

Right In: 5.095+/-0.187 χ^2/NDF: 335.3/1

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 3.570+/-0.092 χ^2/NDF: 588.9/2

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

+ sign -17.056+/-0.038 χ^2/NDF: 103323.4/26

All: -15.350+/-0.026 χ^2/NDF: 194659.9/52

- sign -13.901+/-0.035 χ^2/NDF: 87587.3/25

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug

Right In: 1.337+/-0.059 χ^2/NDF: 820.0/18

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.718+/-0.053 χ^2/NDF: 1210.6/21

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

+ sign 0.701+/-0.028 χ^2/NDF: 8024.4/43

All: 0.567+/-0.019 χ^2/NDF: 15585.1/88

- sign 0.450+/-0.026 χ^2/NDF: 7518.5/44

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug

Right In: -2.632+/-0.090 χ^2/NDF: 875.1/18

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -2.591+/-0.059 χ^2/NDF: 1545.6/21

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

+ sign 14.775+/-0.036 χ^2/NDF: 122987.5/43

All: 12.666+/-0.024 χ^2/NDF: 244953.0/88

- sign 11.007+/-0.032 χ^2/NDF: 115722.3/44

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug

Right In: -1.633+/-0.069 χ^2/NDF: 1427.2/18

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -1.282+/-0.062 χ^2/NDF: 1717.9/21

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

+ sign -1.369+/-0.032 χ^2/NDF: 9349.2/43

All: -1.240+/-0.022 χ^2/NDF: 17870.3/88

- sign -1.127+/-0.030 χ^2/NDF: 8490.1/44

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug

Right In: 0.220+/-0.004 χ^2/NDF: 1128.0/18

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.240+/-0.003 χ^2/NDF: 1648.5/21

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

+ sign 0.126+/-0.001 χ^2/NDF: 6221.9/43

All: 0.118+/-0.001 χ^2/NDF: 13228.3/88

- sign 0.111+/-0.001 χ^2/NDF: 6948.9/44

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug

Right In: 5.062+/-0.188 χ^2/NDF: 341.2/1

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 3.504+/-0.092 χ^2/NDF: 600.0/2

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

+ sign -17.160+/-0.038 χ^2/NDF: 103445.4/26

All: -15.429+/-0.026 χ^2/NDF: 195109.7/52

- sign -13.961+/-0.035 χ^2/NDF: 87836.7/25

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug

Right In: 1.281+/-0.059 χ^2/NDF: 824.5/18

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.675+/-0.053 χ^2/NDF: 1222.7/21

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

+ sign 0.656+/-0.028 χ^2/NDF: 8046.4/43

All: 0.521+/-0.019 χ^2/NDF: 15581.7/88

- sign 0.403+/-0.026 χ^2/NDF: 7493.0/44

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug

Right In: -2.652+/-0.090 χ^2/NDF: 875.8/18

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -2.588+/-0.060 χ^2/NDF: 1547.1/21

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

+ sign 14.837+/-0.036 χ^2/NDF: 123090.6/43

All: 12.700+/-0.024 χ^2/NDF: 245397.4/88

- sign 11.023+/-0.032 χ^2/NDF: 115955.5/44

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug

Right In: -1.590+/-0.069 χ^2/NDF: 1433.2/18

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -1.257+/-0.062 χ^2/NDF: 1731.6/21

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

+ sign -1.340+/-0.032 χ^2/NDF: 9380.8/43

All: -1.211+/-0.022 χ^2/NDF: 17864.8/88

- sign -1.098+/-0.030 χ^2/NDF: 8453.1/44

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug

Right In: 0.221+/-0.004 χ^2/NDF: 1155.1/18

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.241+/-0.003 χ^2/NDF: 1676.0/21

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

+ sign 0.126+/-0.001 χ^2/NDF: 6240.7/43

All: 0.118+/-0.001 χ^2/NDF: 13245.6/88

- sign 0.111+/-0.001 χ^2/NDF: 6951.0/44

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug

Right In: 4.949+/-0.188 χ^2/NDF: 320.9/1

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 3.439+/-0.092 χ^2/NDF: 574.9/2

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

+ sign -17.479+/-0.039 χ^2/NDF: 102983.7/26

All: -15.688+/-0.026 χ^2/NDF: 194480.9/52

- sign -14.175+/-0.036 χ^2/NDF: 87583.5/25

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug

Right In: 1.302+/-0.060 χ^2/NDF: 808.6/18

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.725+/-0.054 χ^2/NDF: 1180.0/21

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

+ sign 0.702+/-0.029 χ^2/NDF: 7976.1/43

All: 0.574+/-0.020 χ^2/NDF: 15488.7/88

- sign 0.462+/-0.027 χ^2/NDF: 7475.7/44

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug

Right In: -2.692+/-0.092 χ^2/NDF: 861.9/18

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -2.539+/-0.060 χ^2/NDF: 1537.8/21

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

+ sign 15.083+/-0.037 χ^2/NDF: 122914.1/43

All: 12.896+/-0.024 χ^2/NDF: 244587.4/88

- sign 11.185+/-0.032 χ^2/NDF: 115309.3/44

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug

Right In: -1.610+/-0.070 χ^2/NDF: 1405.3/18

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -1.319+/-0.063 χ^2/NDF: 1676.1/21

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

+ sign -1.399+/-0.032 χ^2/NDF: 9302.8/43

All: -1.280+/-0.022 χ^2/NDF: 17754.2/88

- sign -1.175+/-0.030 χ^2/NDF: 8426.2/44

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug

Right In: 0.227+/-0.004 χ^2/NDF: 1071.2/18

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.239+/-0.004 χ^2/NDF: 1712.0/21

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

+ sign 0.130+/-0.002 χ^2/NDF: 6110.5/43

All: 0.121+/-0.001 χ^2/NDF: 13054.2/88

- sign 0.114+/-0.001 χ^2/NDF: 6884.1/44

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug

Right In: 4.932+/-0.189 χ^2/NDF: 307.1/1

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 3.490+/-0.093 χ^2/NDF: 558.3/2

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

+ sign -17.552+/-0.039 χ^2/NDF: 101429.1/26

All: -15.737+/-0.027 χ^2/NDF: 192563.3/52

- sign -14.204+/-0.036 χ^2/NDF: 87191.2/25

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug

Right In: 1.380+/-0.061 χ^2/NDF: 773.8/18

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.776+/-0.054 χ^2/NDF: 1159.2/21

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

+ sign 0.773+/-0.029 χ^2/NDF: 7684.0/43

All: 0.623+/-0.020 χ^2/NDF: 15042.6/88

- sign 0.491+/-0.027 χ^2/NDF: 7308.6/44

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug

Right In: -2.858+/-0.093 χ^2/NDF: 776.3/18

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -2.675+/-0.061 χ^2/NDF: 1431.6/21

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

+ sign 15.156+/-0.037 χ^2/NDF: 121792.9/43

All: 12.959+/-0.024 χ^2/NDF: 243114.5/88

- sign 11.236+/-0.033 χ^2/NDF: 115013.4/44

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug

Right In: -1.687+/-0.071 χ^2/NDF: 1350.1/18

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -1.368+/-0.064 χ^2/NDF: 1636.8/21

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

+ sign -1.459+/-0.033 χ^2/NDF: 8994.7/43

All: -1.314+/-0.022 χ^2/NDF: 17316.8/88

- sign -1.187+/-0.031 χ^2/NDF: 8285.5/44

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug

Right In: 0.225+/-0.004 χ^2/NDF: 1055.0/18

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.249+/-0.004 χ^2/NDF: 1555.0/21

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

+ sign 0.131+/-0.002 χ^2/NDF: 6090.0/43

All: 0.123+/-0.001 χ^2/NDF: 12939.0/88

- sign 0.117+/-0.001 χ^2/NDF: 6804.5/44