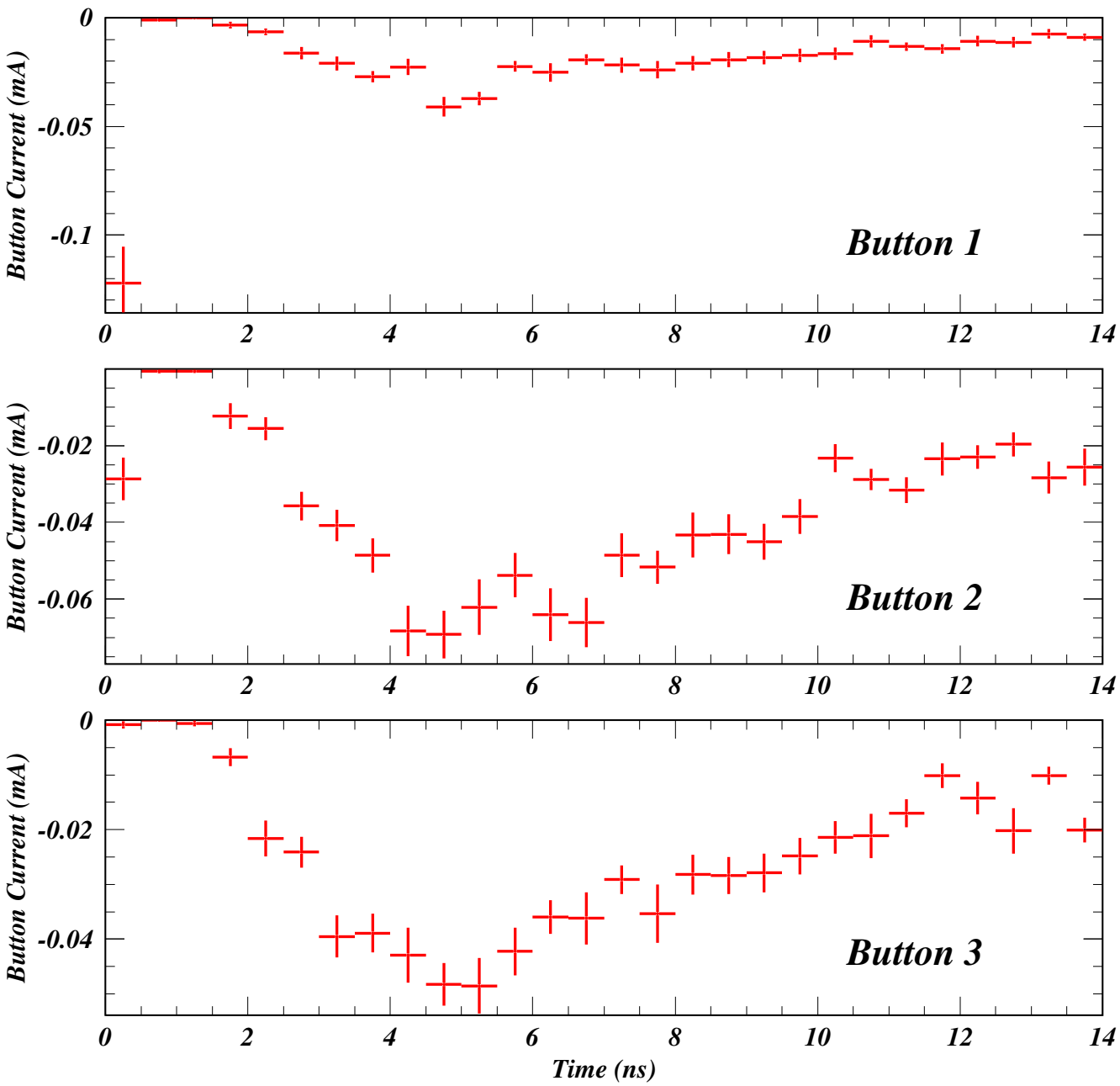
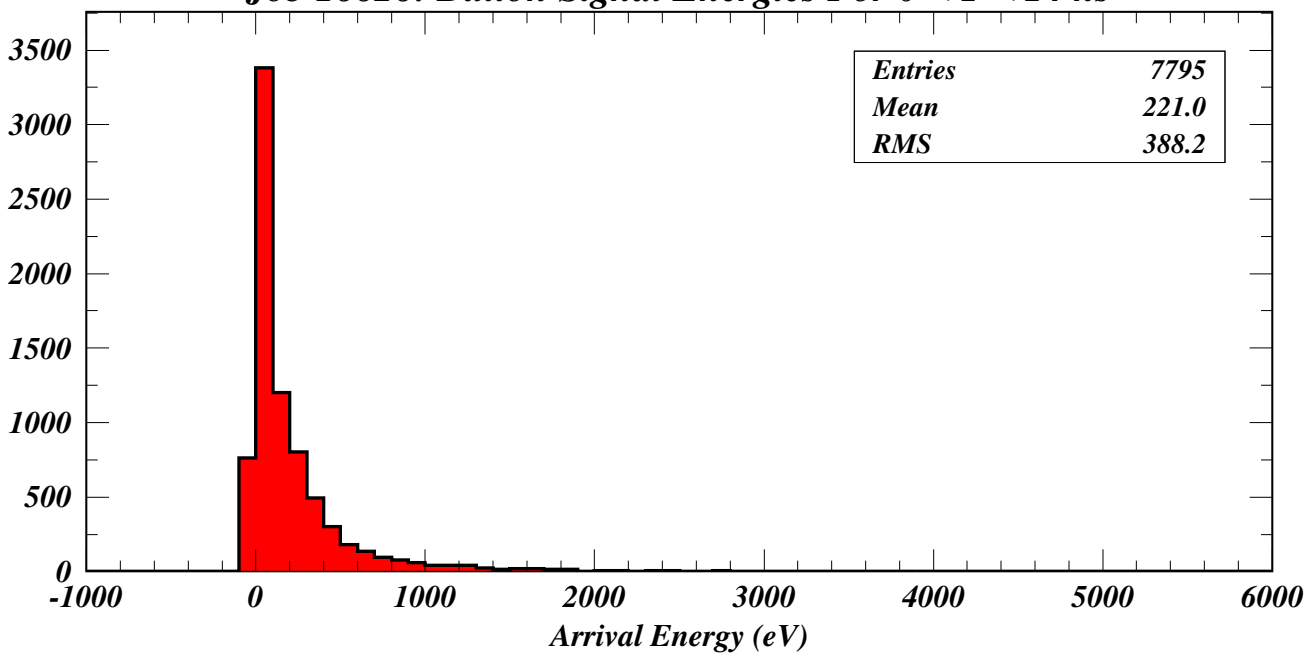
10/07/15 16.40

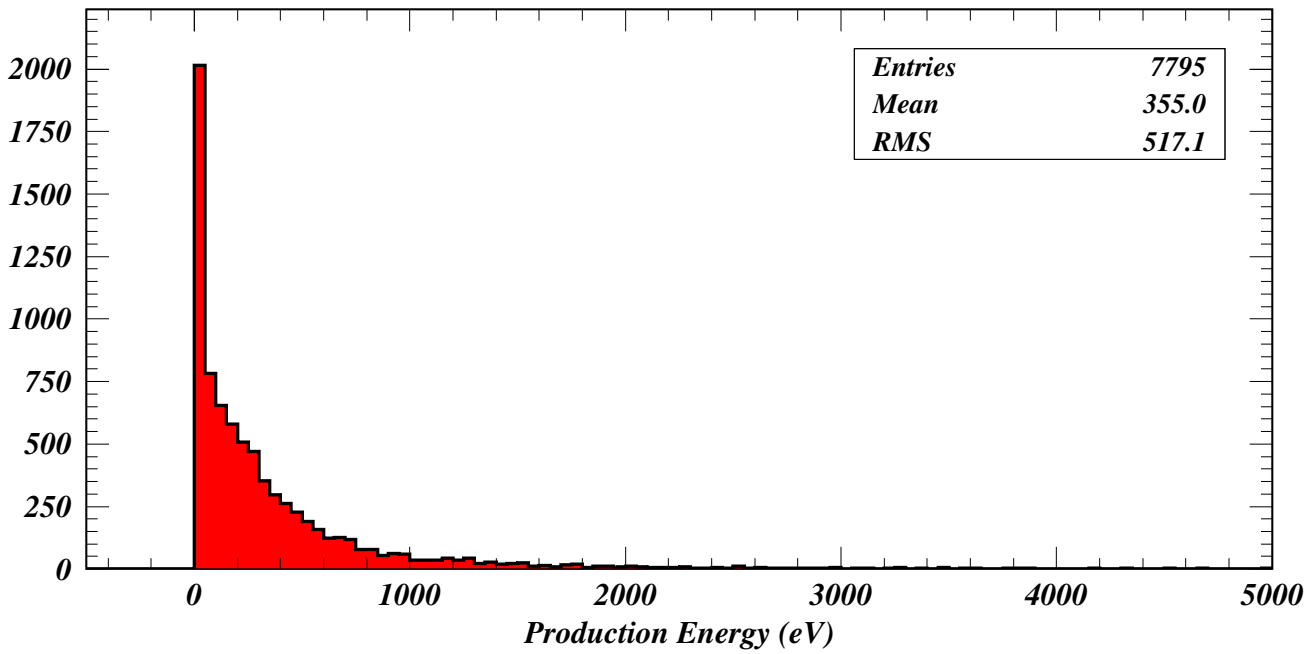
Job 16626: Shielded Button Simulation



10/07/15 16.40

Job 16626: Button Signal Energies For 0 < T < 14 ns





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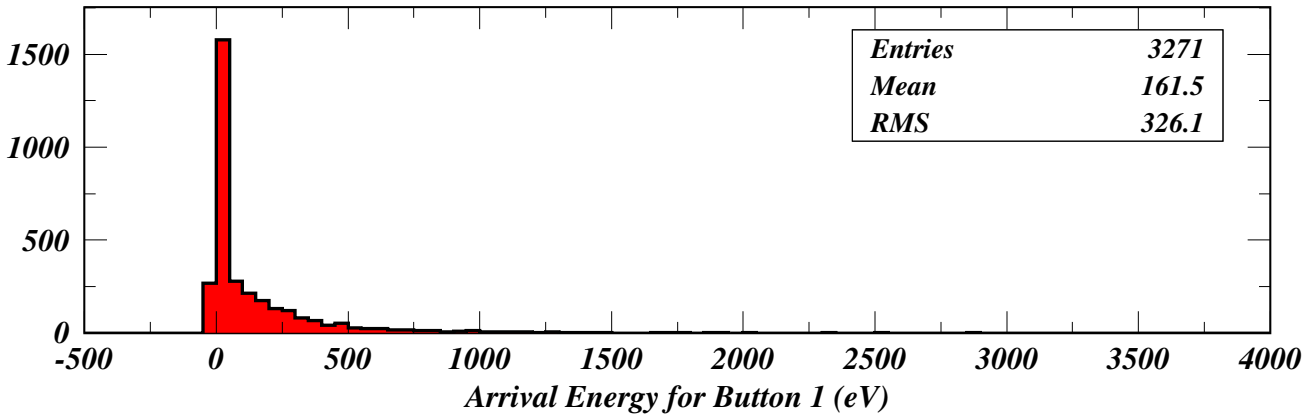
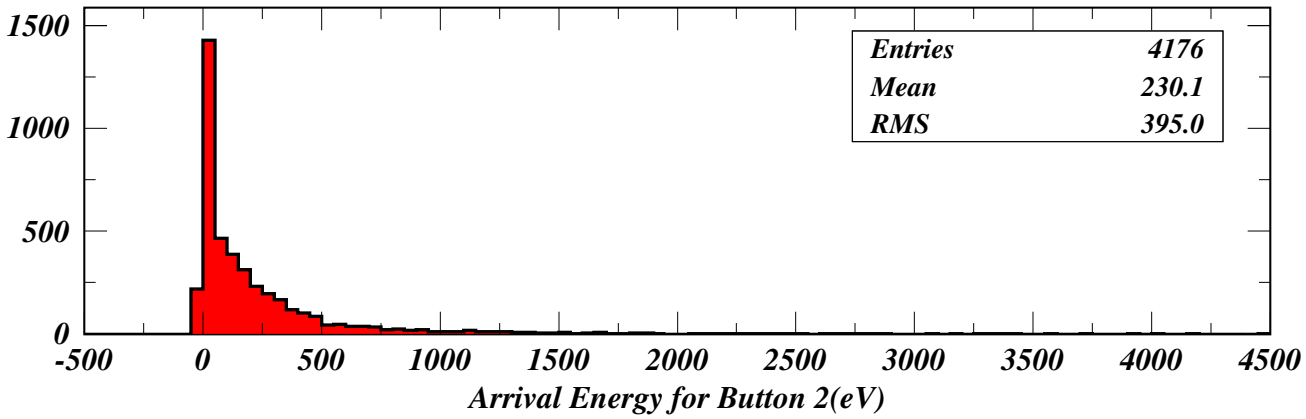
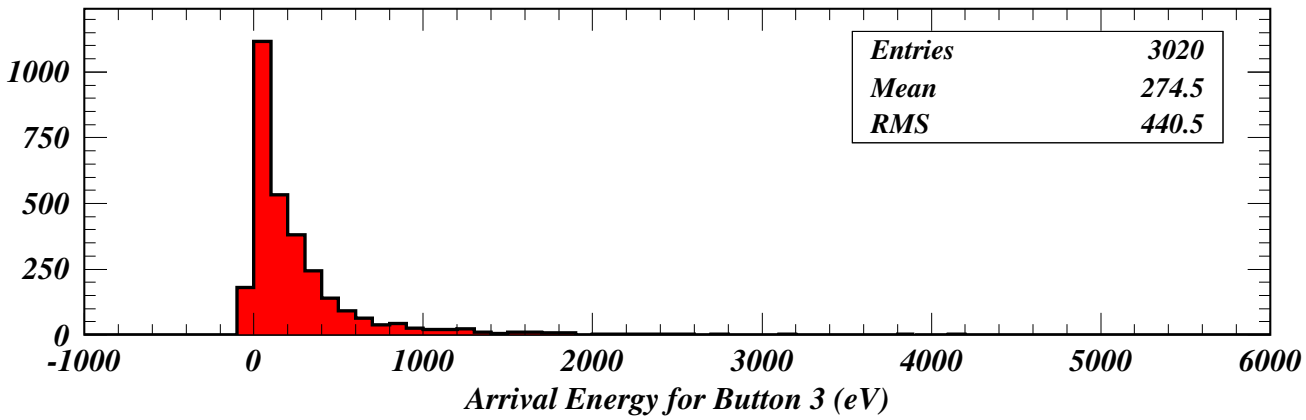
Job 16626: Button Signal Energies For 0 < T < 14 ns







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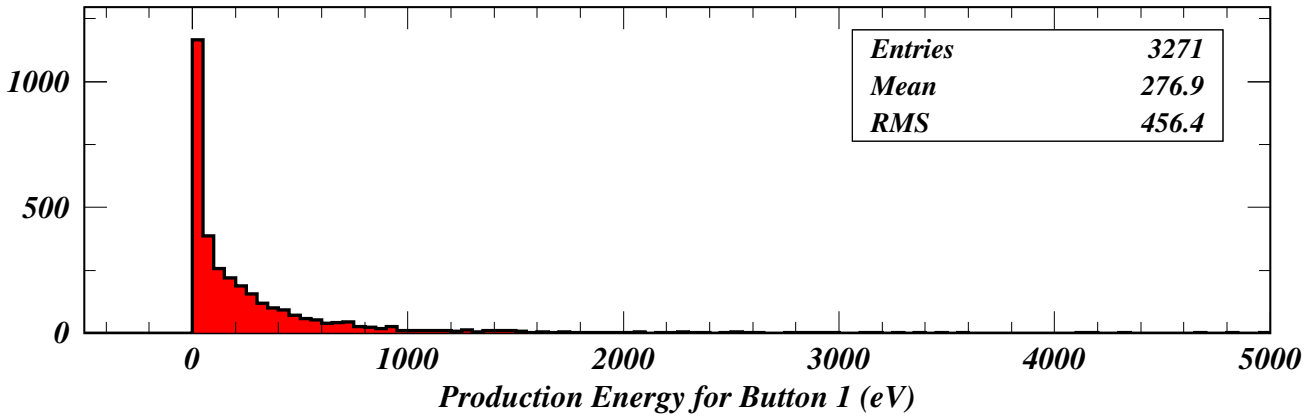
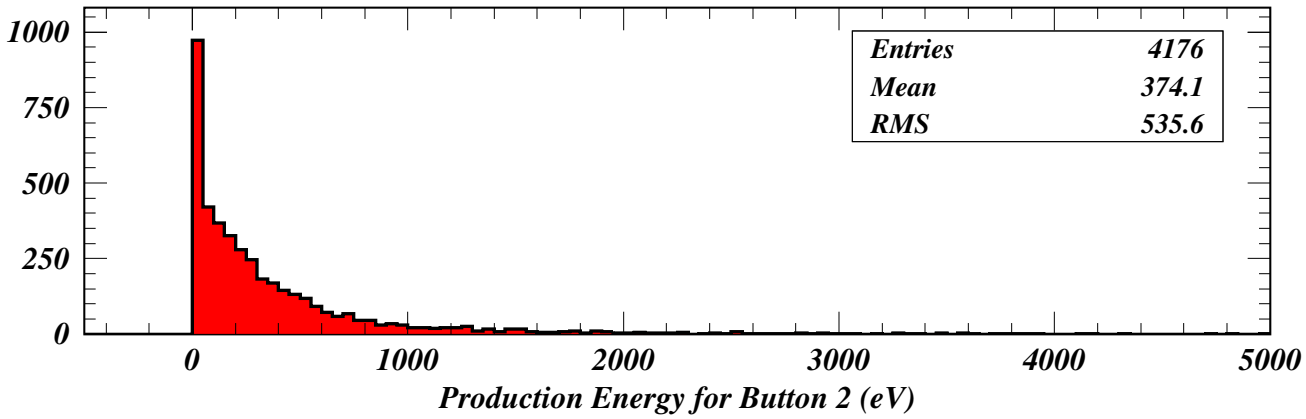
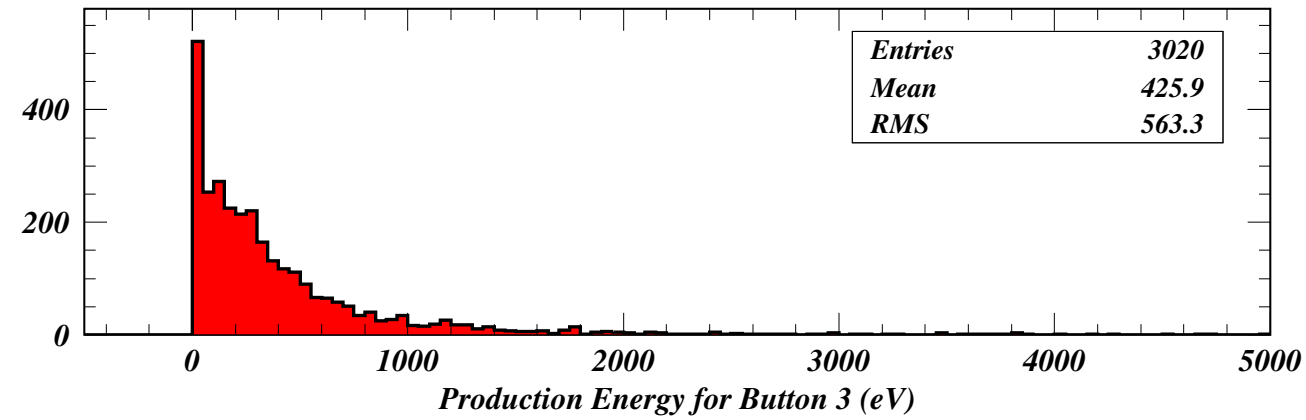
Job 16626: Button Signal Energies For 0 < T < 14 ns







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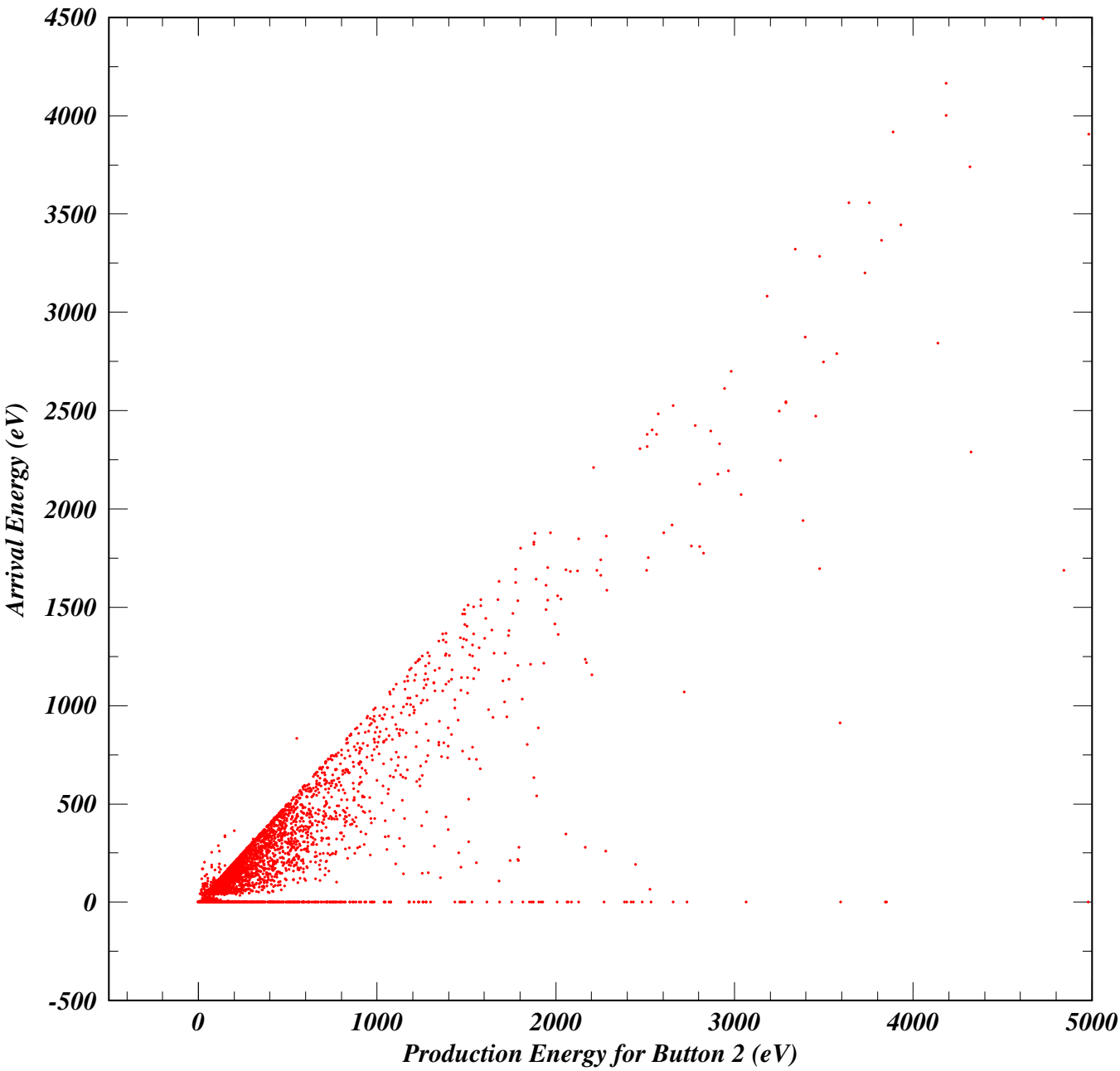
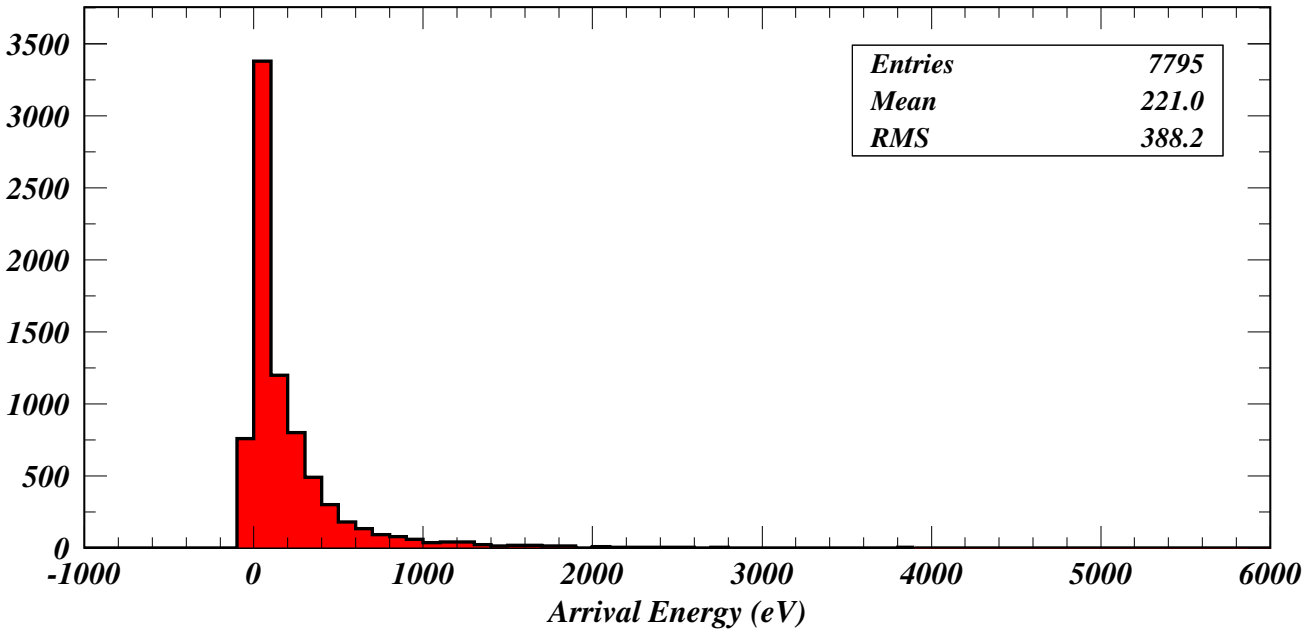
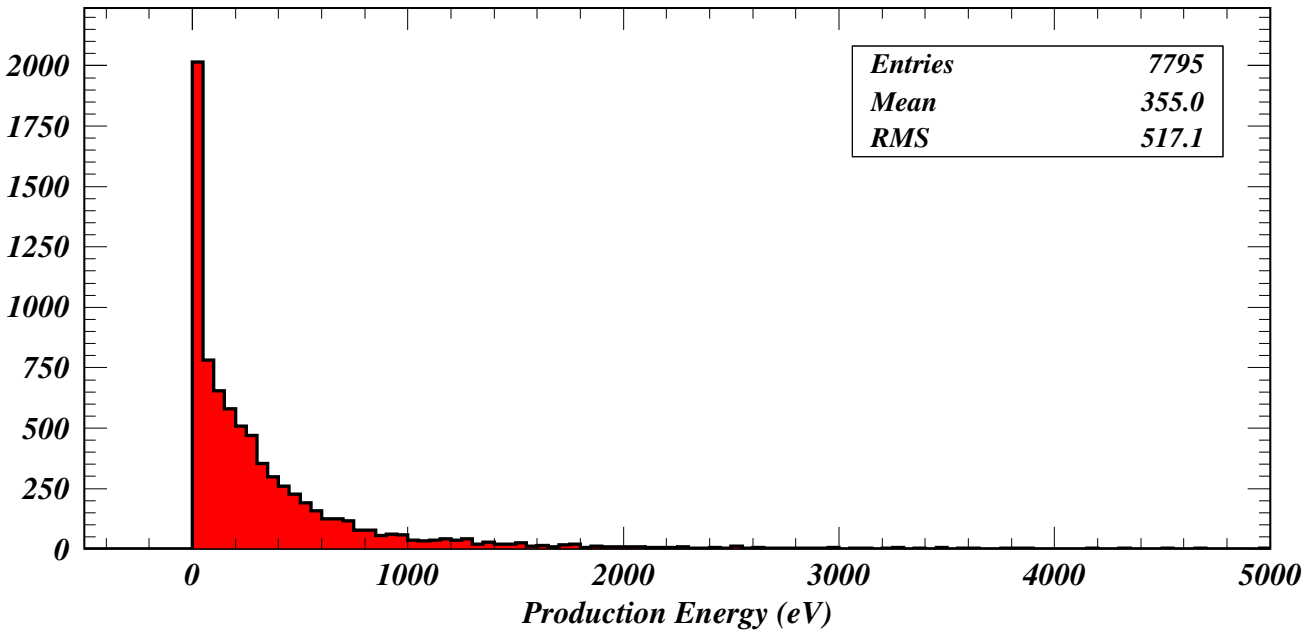
Job 16626: Button Signal Energies For 0 < T < 14 ns



10/07/15 16.40

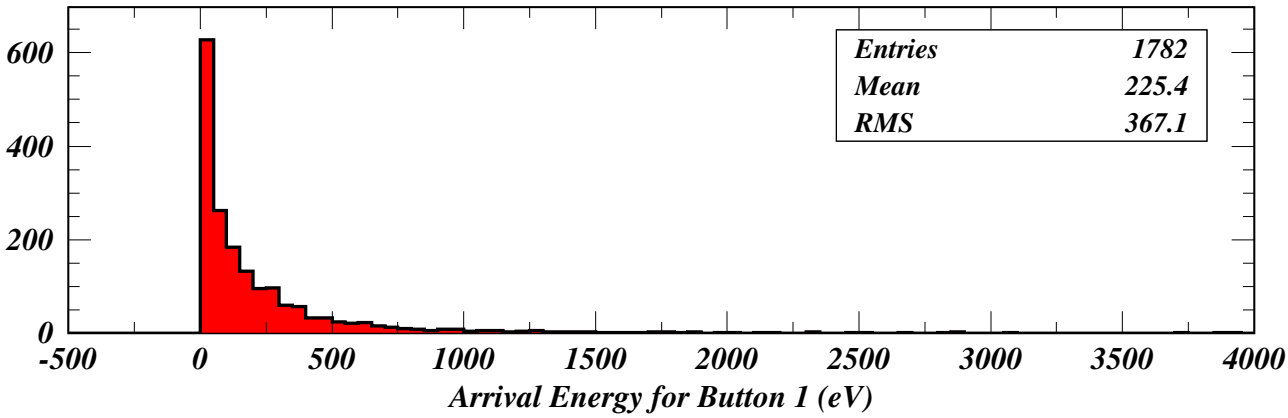
Job 16626: Button Signal Energies For 0 < T < 14 ns: Primaries Only

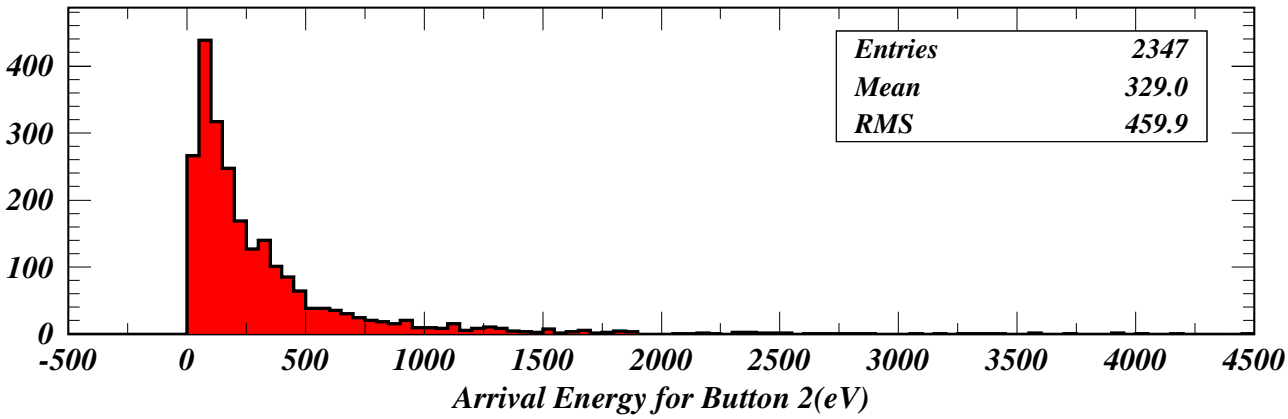


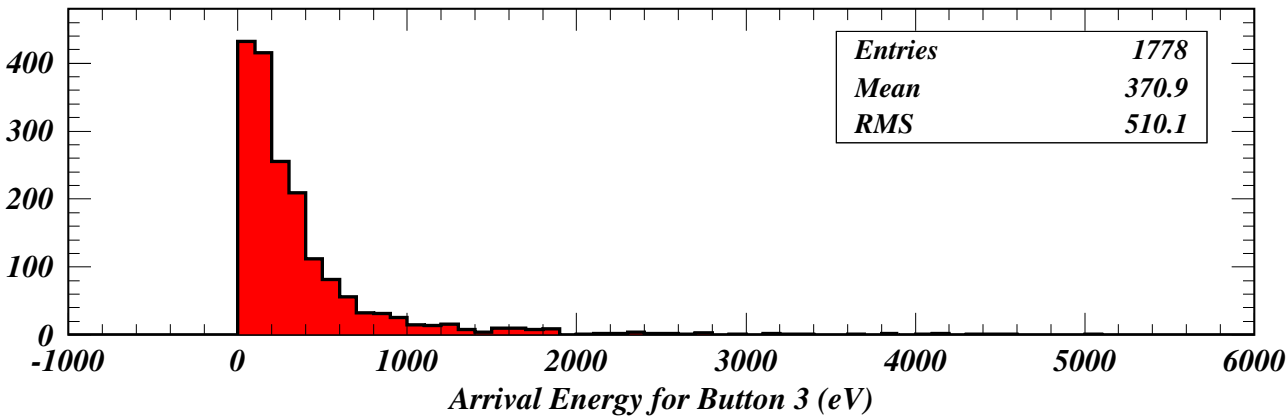


10/07/15 16.40

Job 16626: Button Signal Energies For 0 < T < 14 ns: Primaries Only







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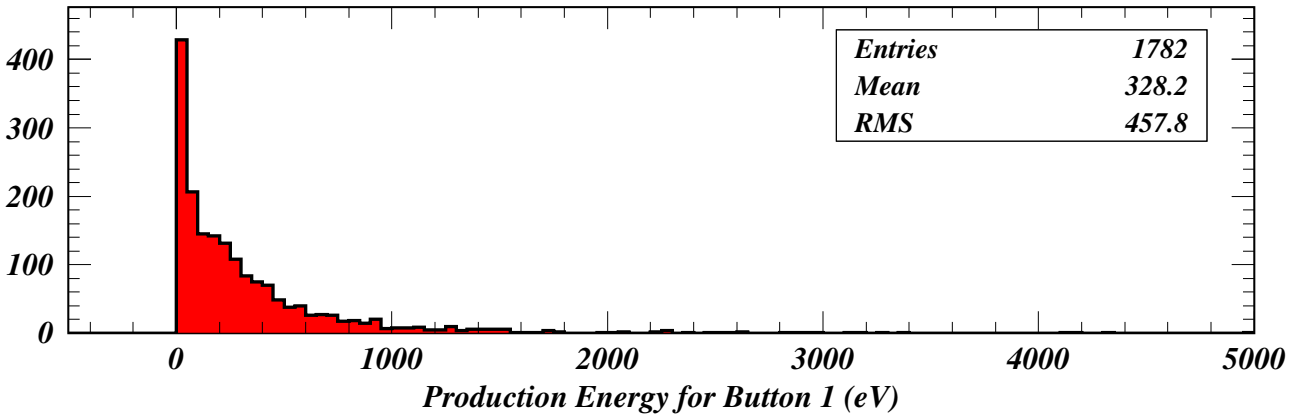
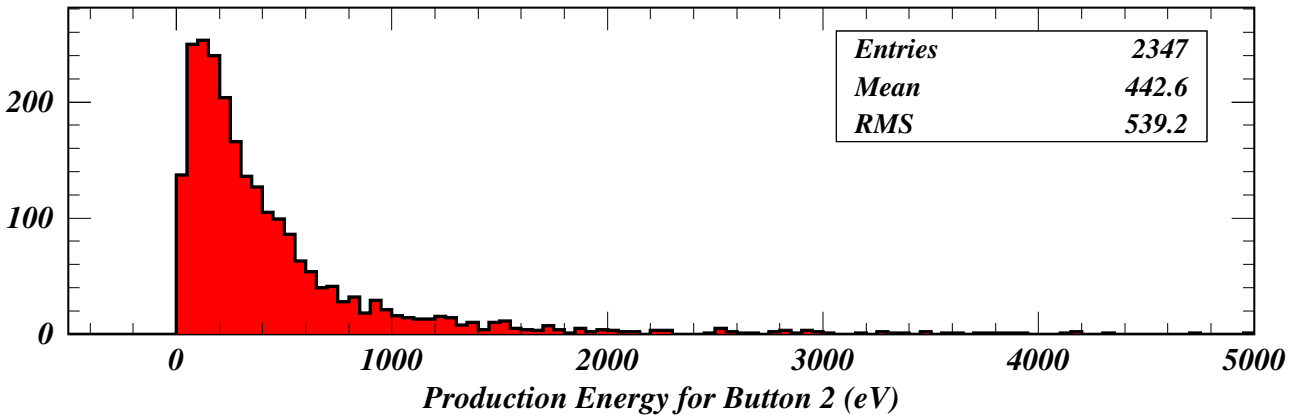
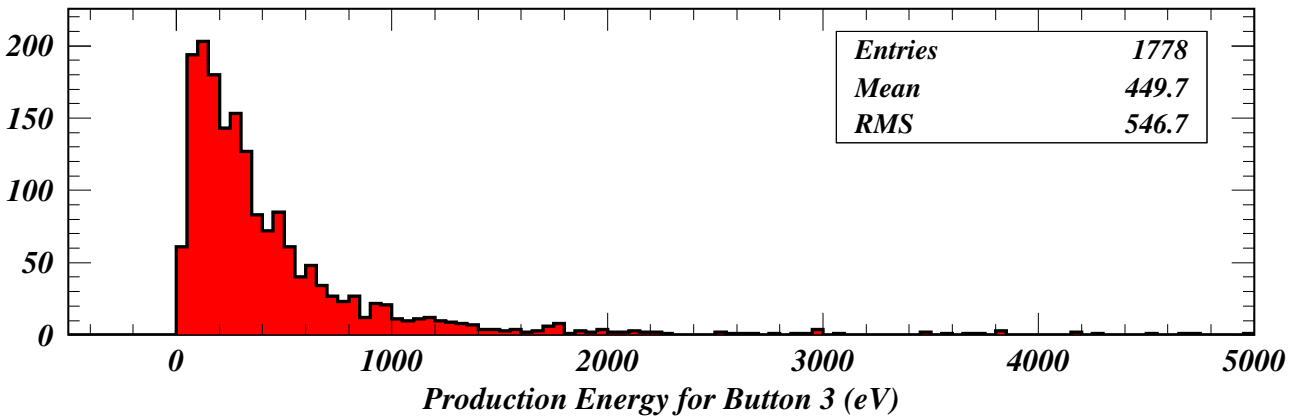
Job 16626: Button Signal Energies For 0 < T < 14 ns: Primaries Only

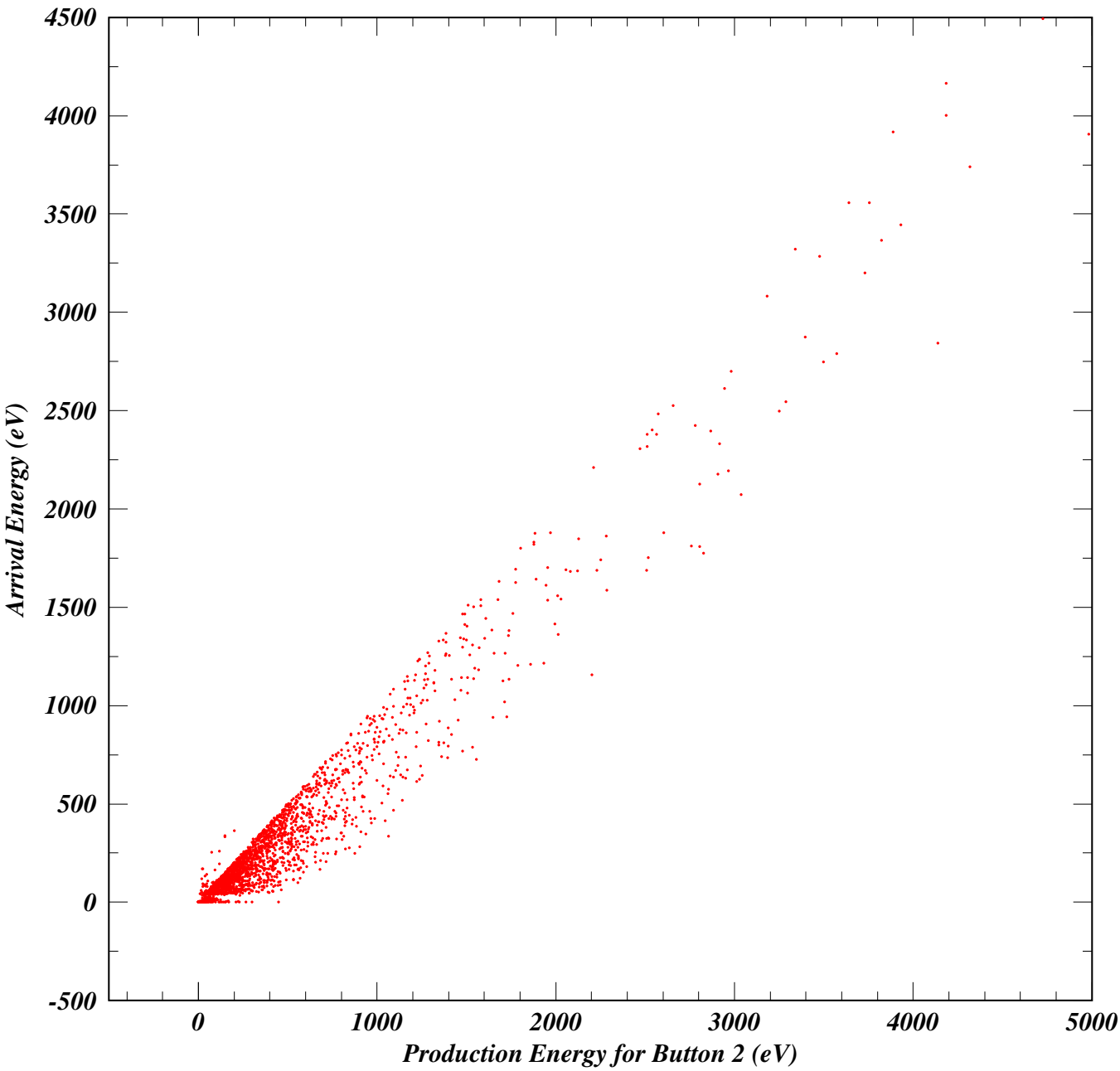






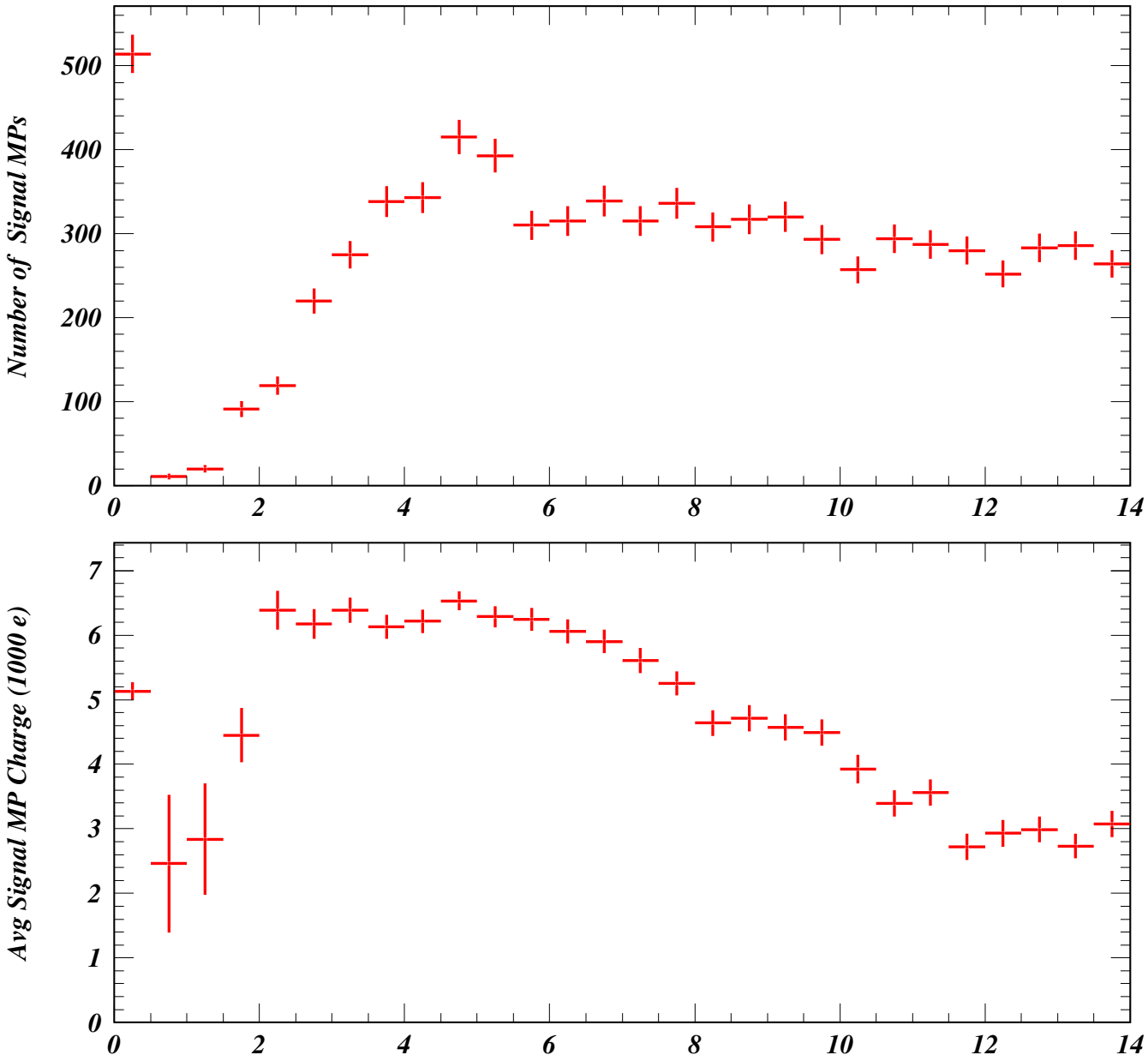
10/07/15 16.40

Job 16626: Button Signal Energies For 0 < T < 14 ns: Primaries Only



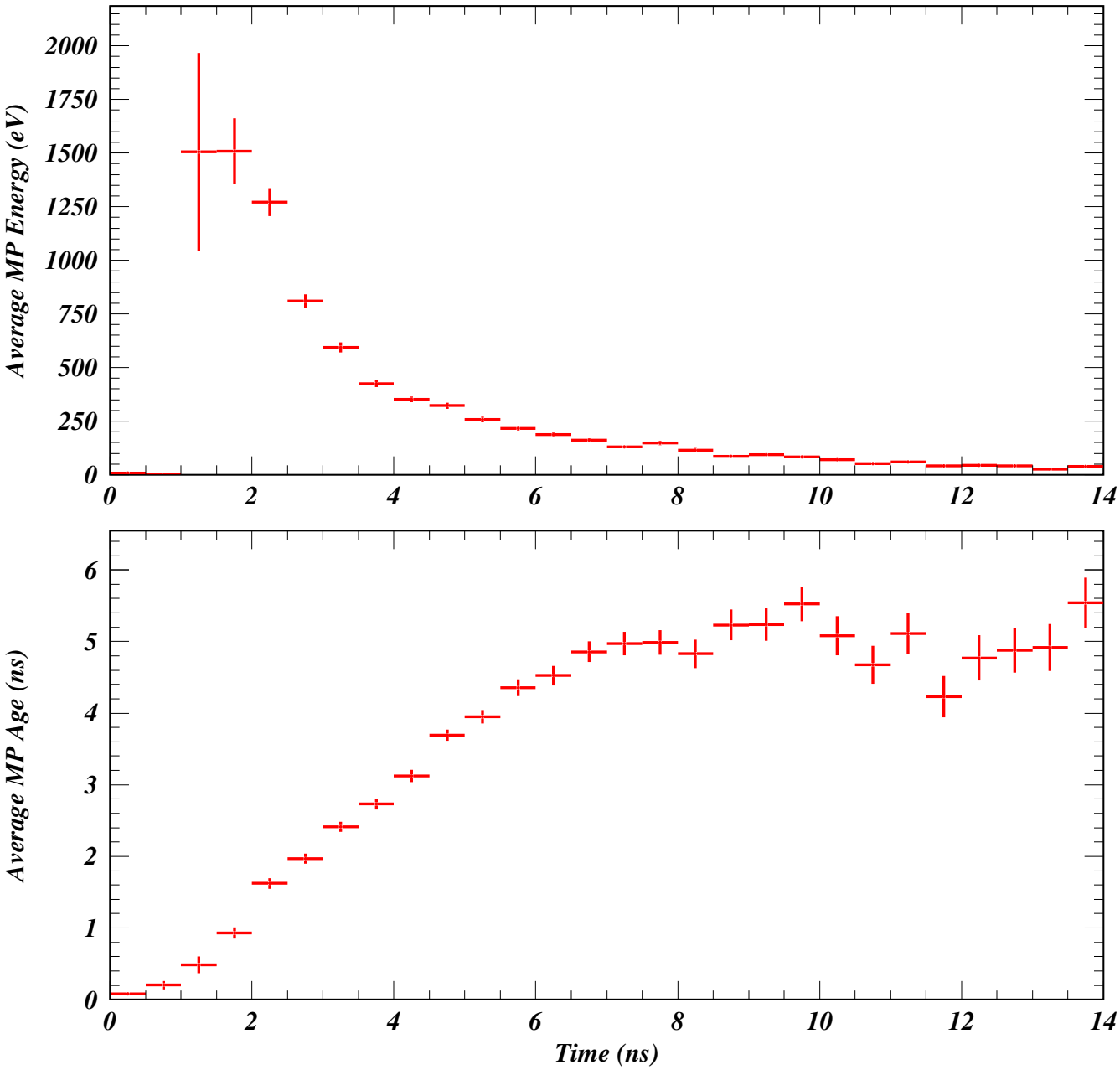
10/07/15 16.40

Job 16626: Button Signal Macroparticles For 0 < T < 14 ns



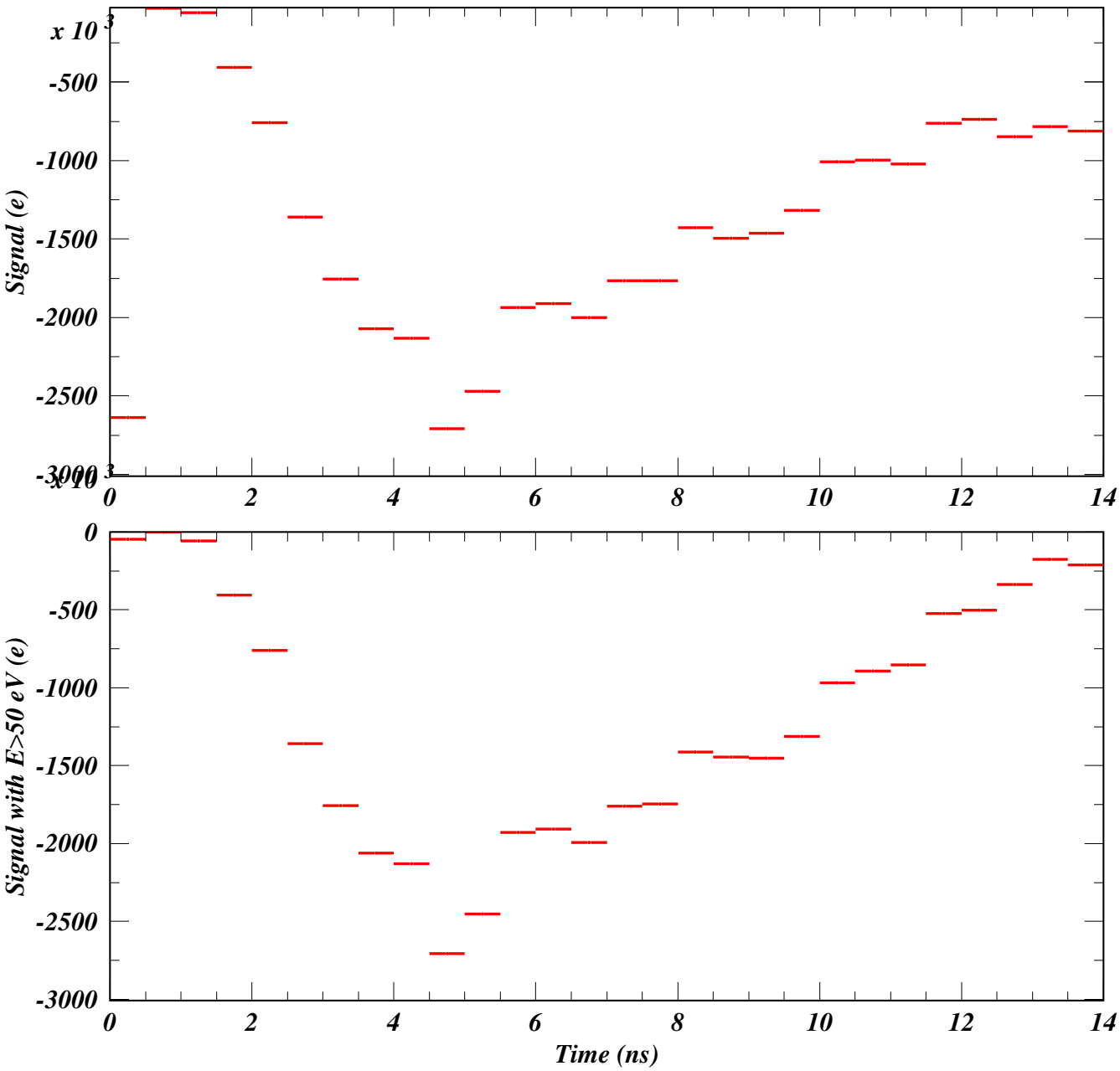
10/07/15 16.40

Job 16626: Button Signal Macroparticles For 0 < T < 14 ns



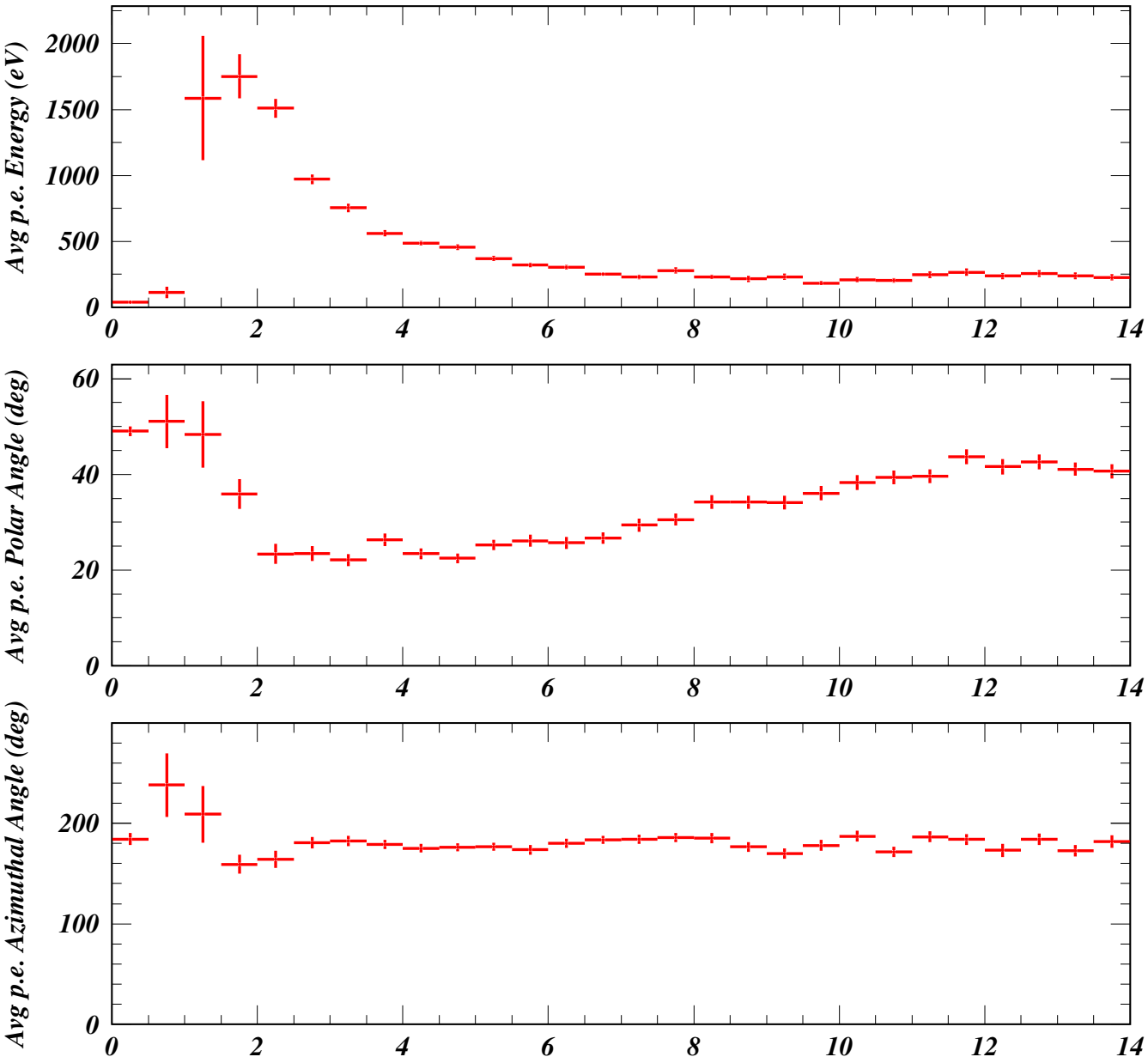
10/07/15 16.40

Job 16626: Button Signal Macroparticles For 0 < T < 14 ns

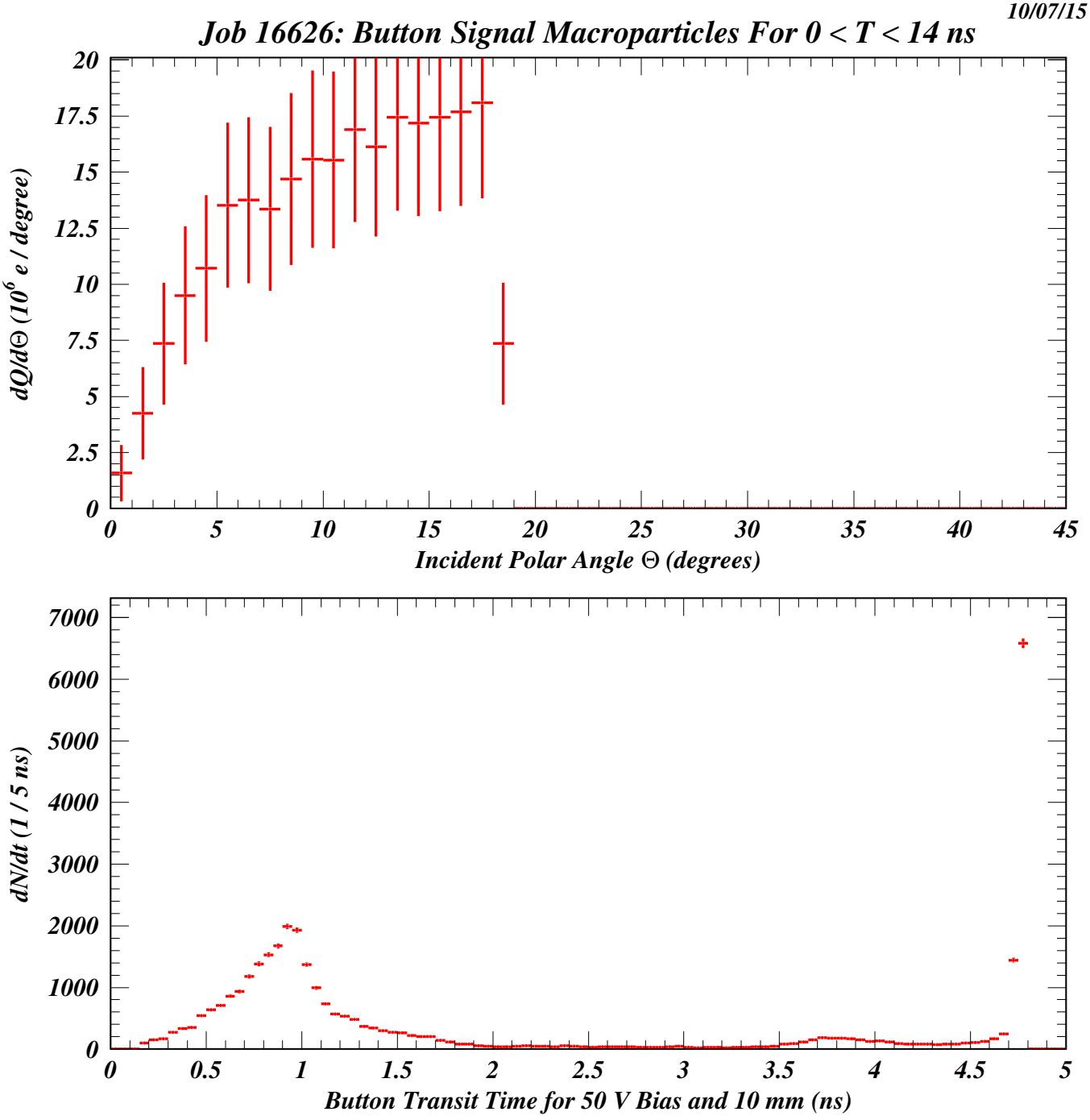


10/07/15 16.40

Job 16626: Button Signal Macroparticles For 0 < T < 14 ns

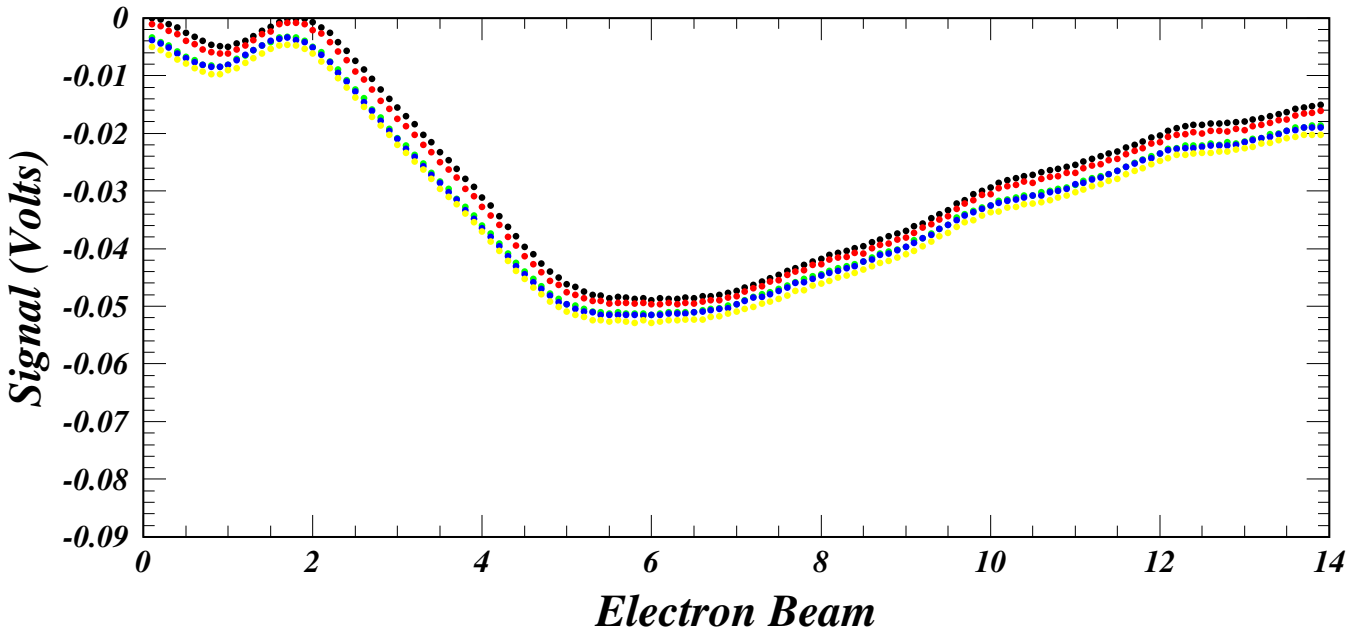


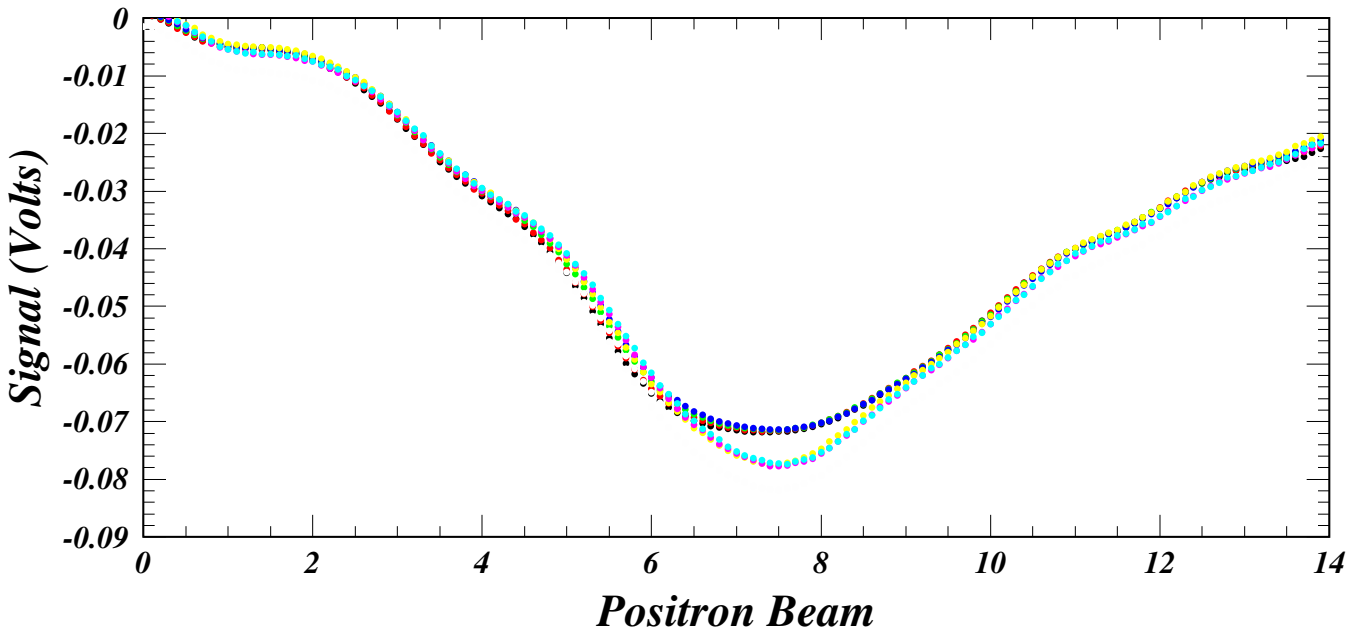
10/07/15 16.40

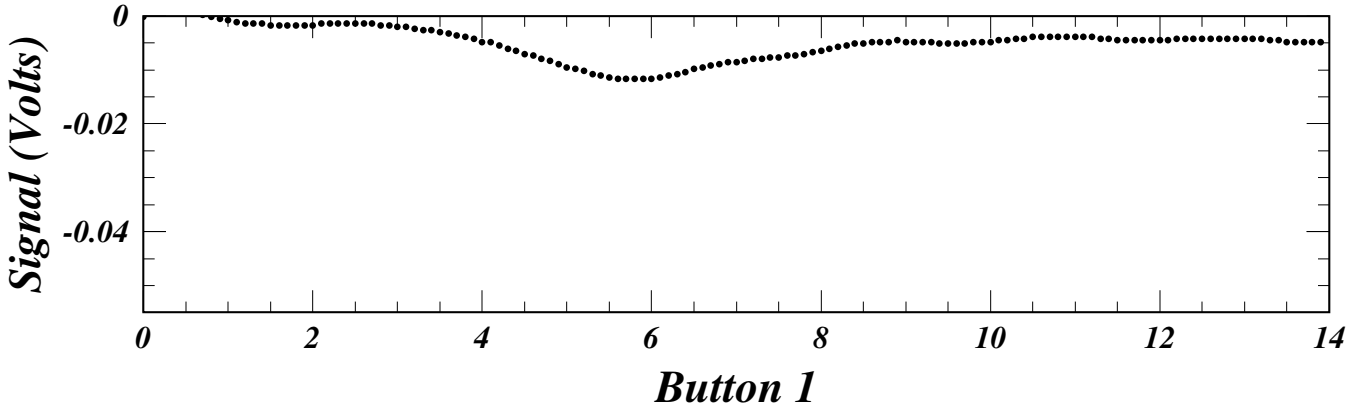
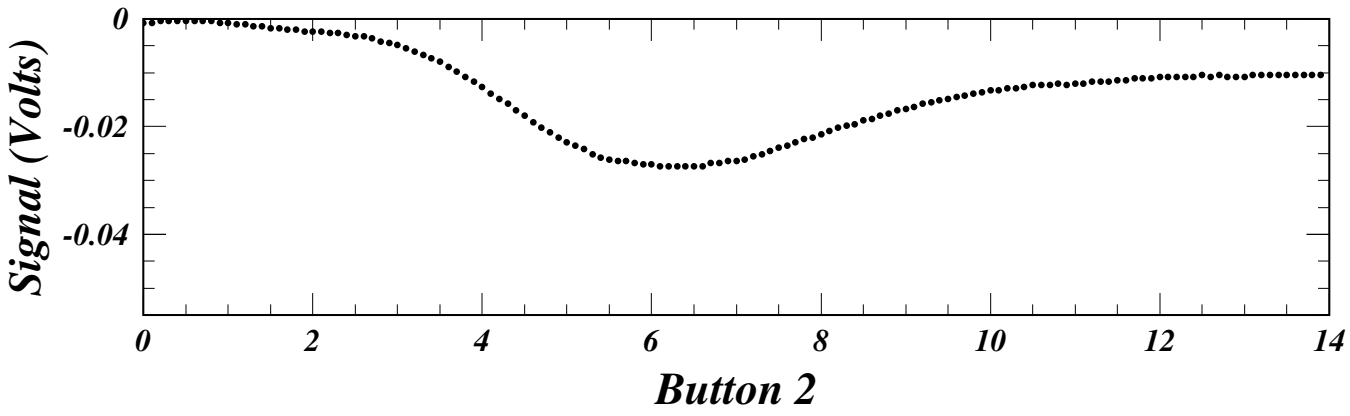
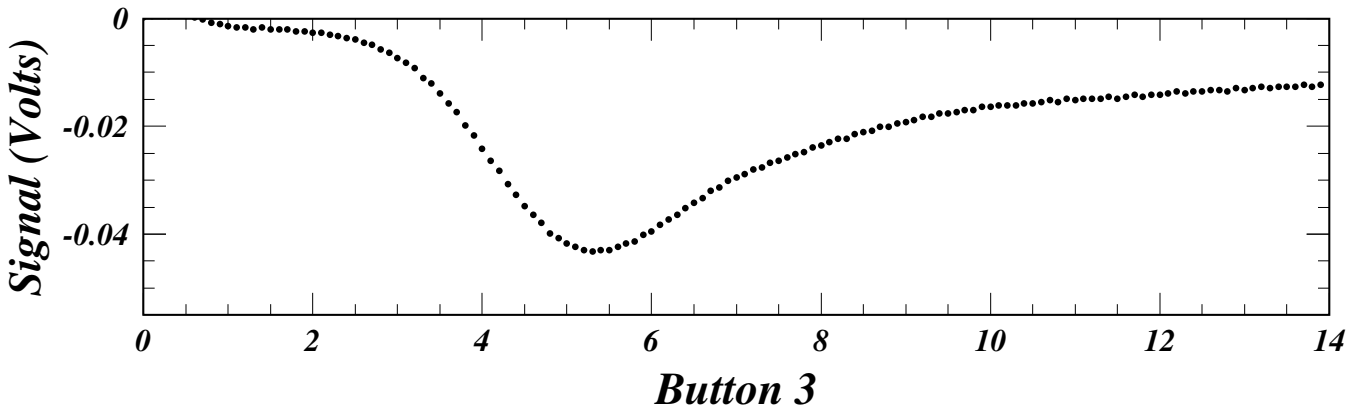

Job 16626: Button Signal Macroparticles For 0 < T < 14 ns
dQ/dΘ (10^6 e / degree)
Incident Polar Angle Θ (degrees)
dN/dt (1 / 5 ns)
Button Transit Time for 50 V Bias and 10 mm (ns)

10/07/15 16.40

15E (TiN) Shielded Button Measurements (3/16/2010, 5.3 GeV, 8 mA bunch)





10/07/15 16.40

15E (Carbon) SPU Measurements (6/8/2010, 5.3 GeV, 1 mA bunch, 20 G)