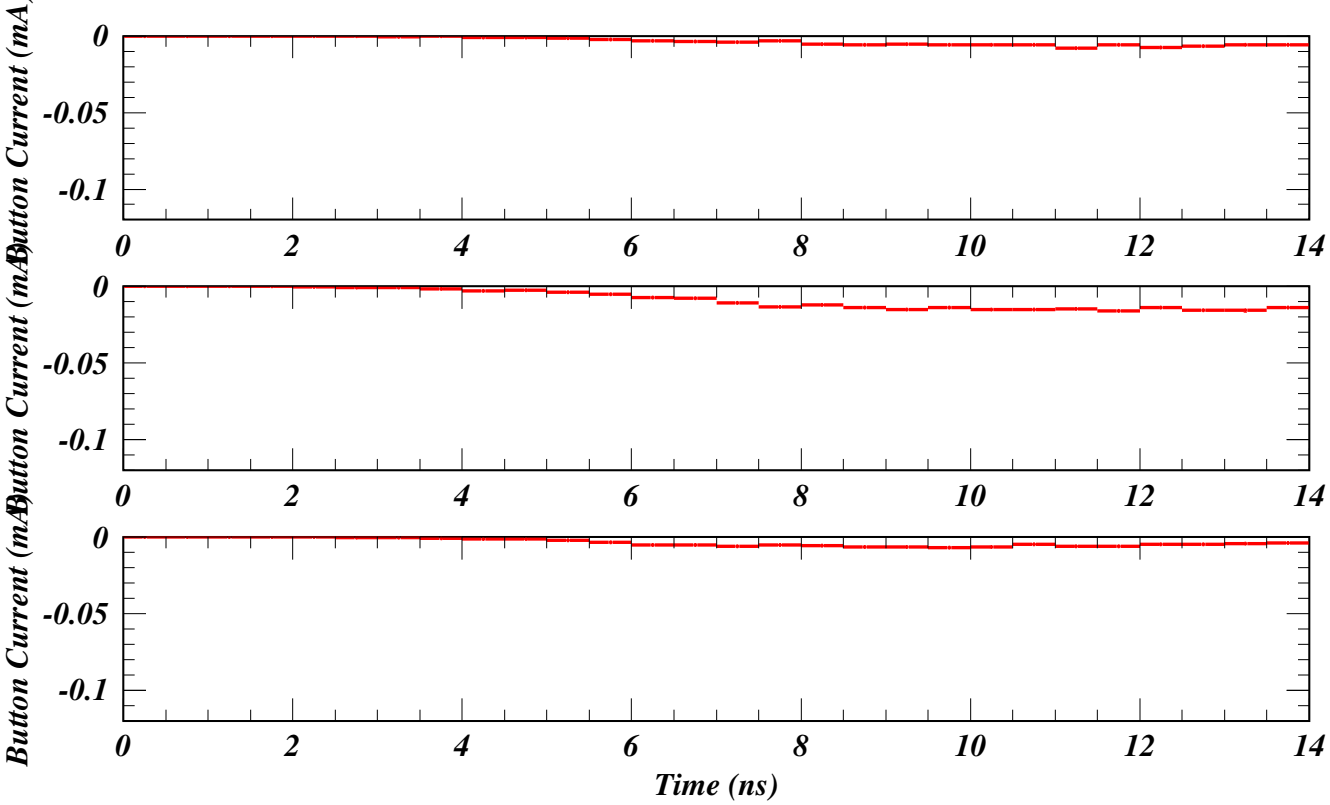
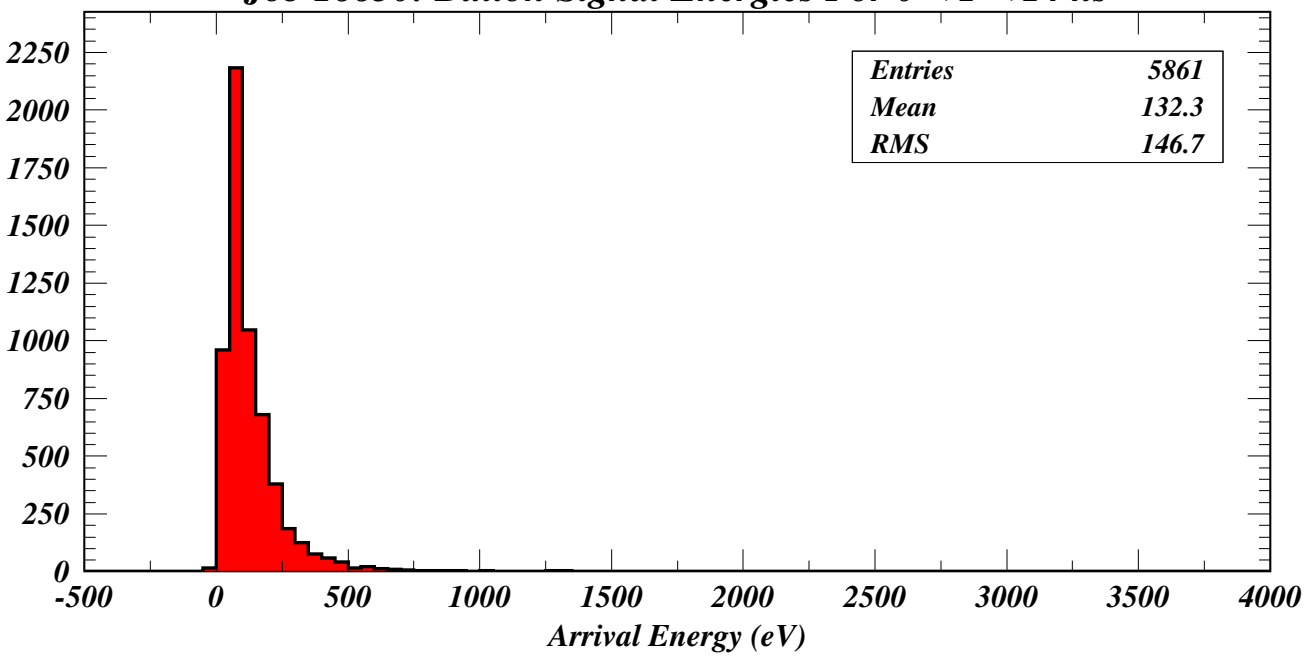
10/08/03 12.06

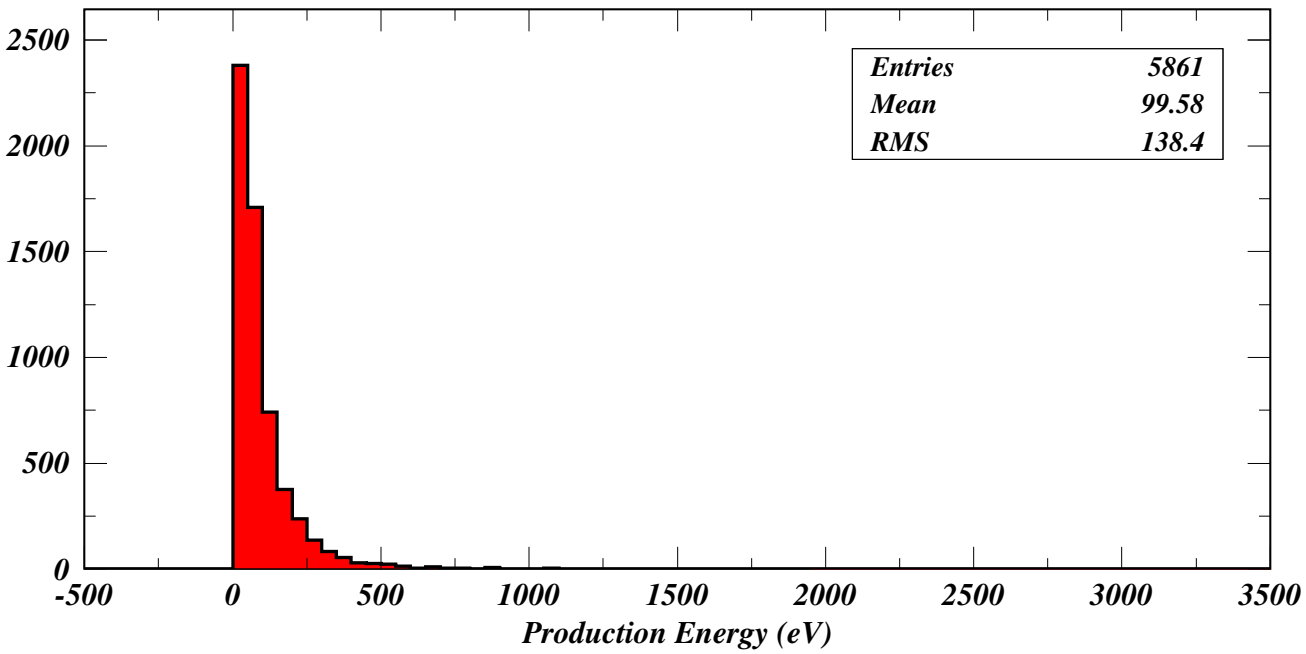
Job 16630: Shielded Button Simulation



10/08/03 12.06

Job 16630: Button Signal Energies For 0 < T < 14 ns





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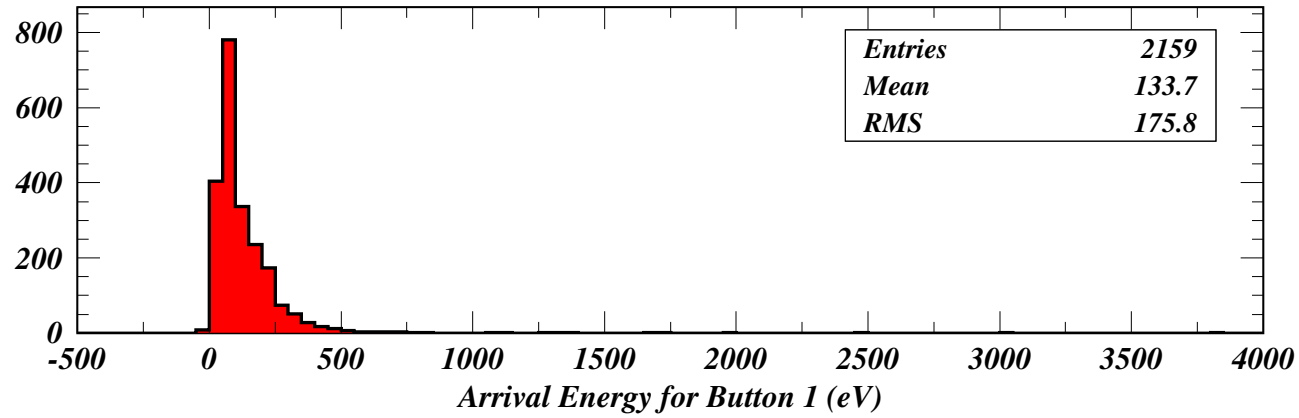
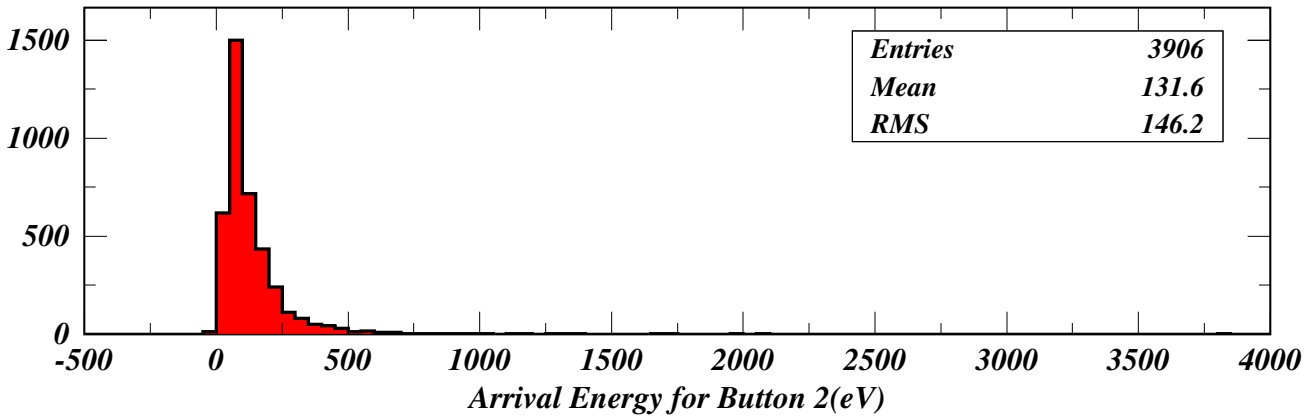
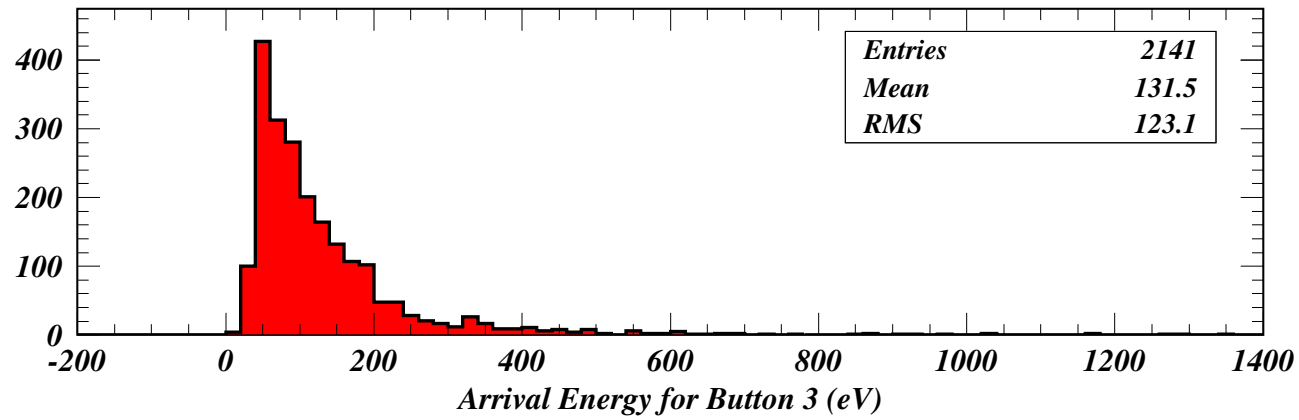
Job 16630: Button Signal Energies For 0 < T < 14 ns







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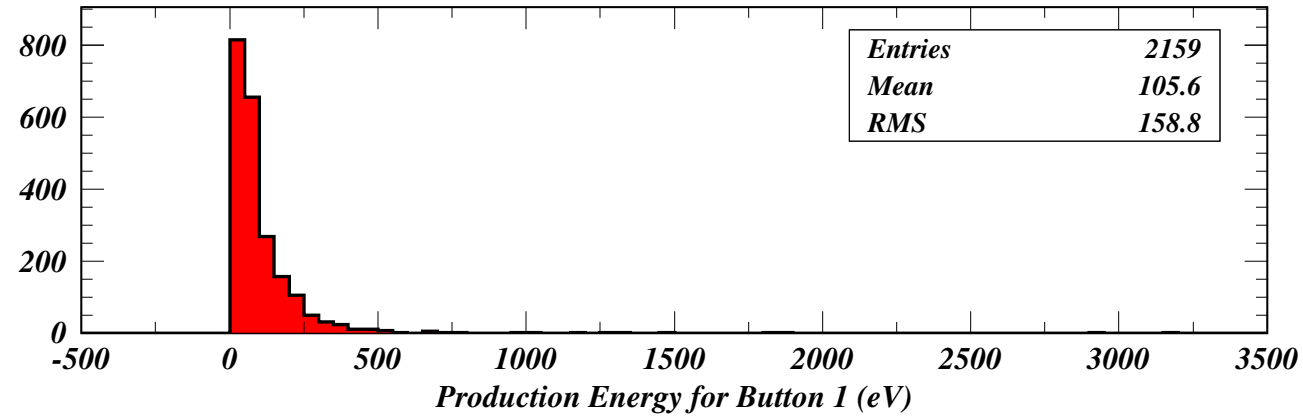
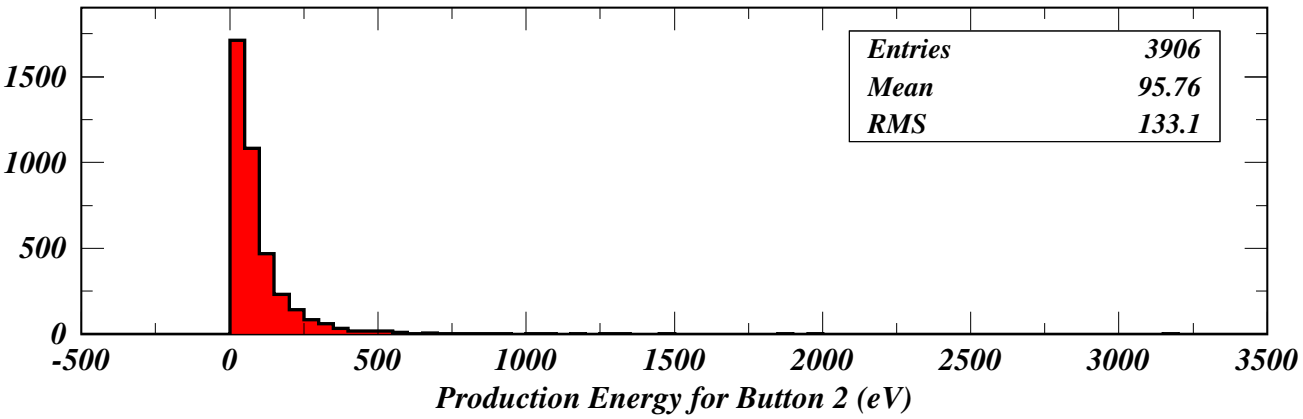
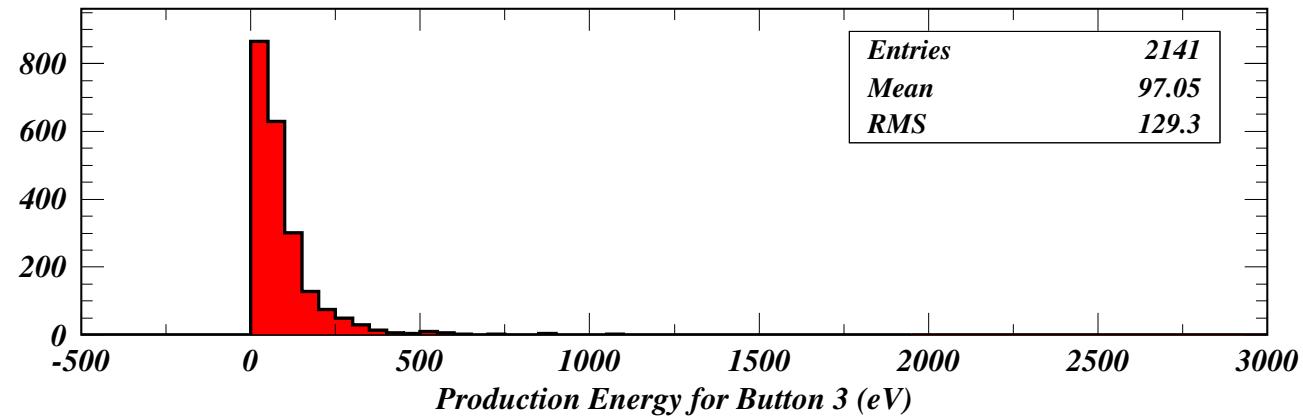
Job 16630: Button Signal Energies For 0 < T < 14 ns







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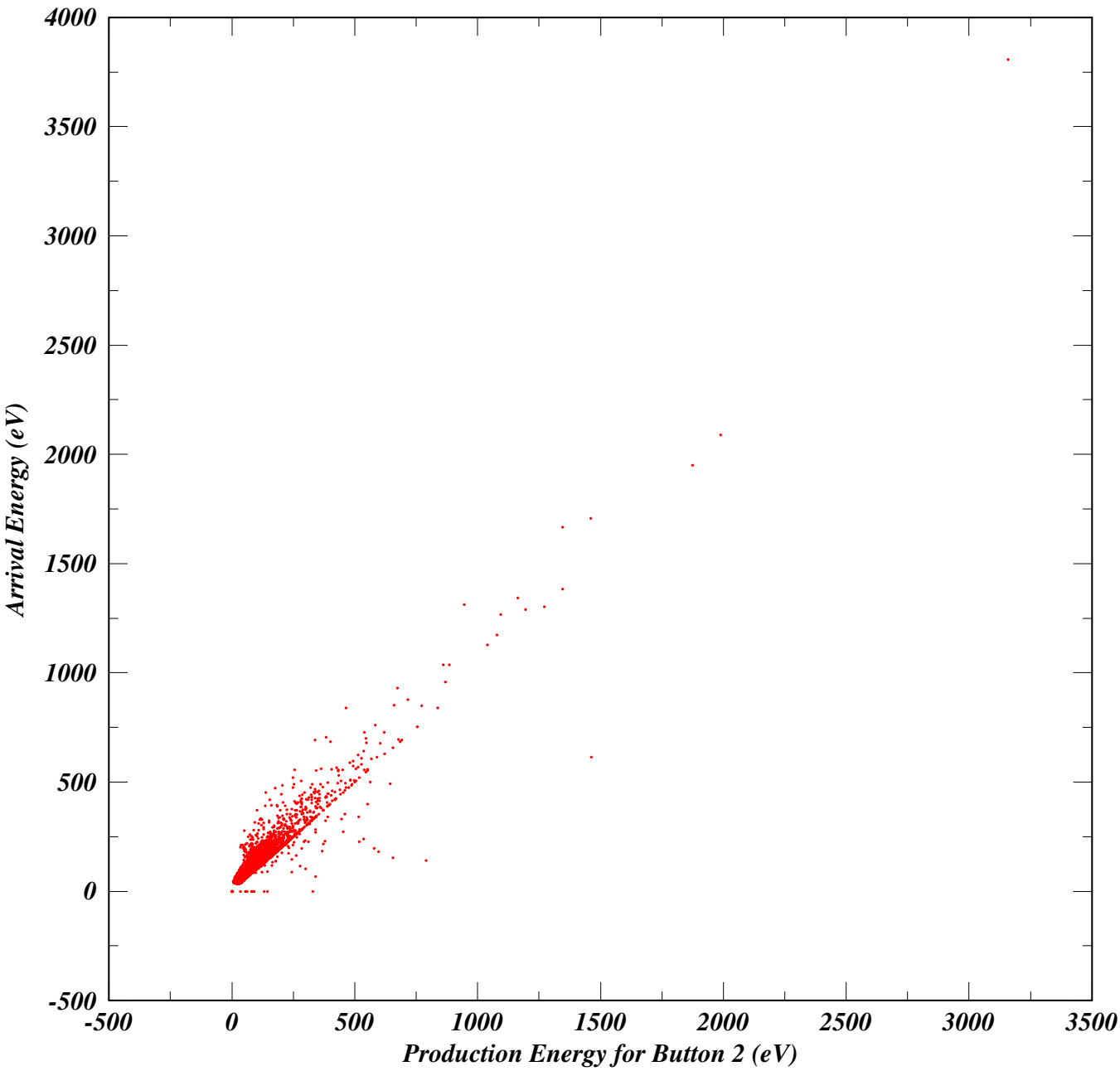
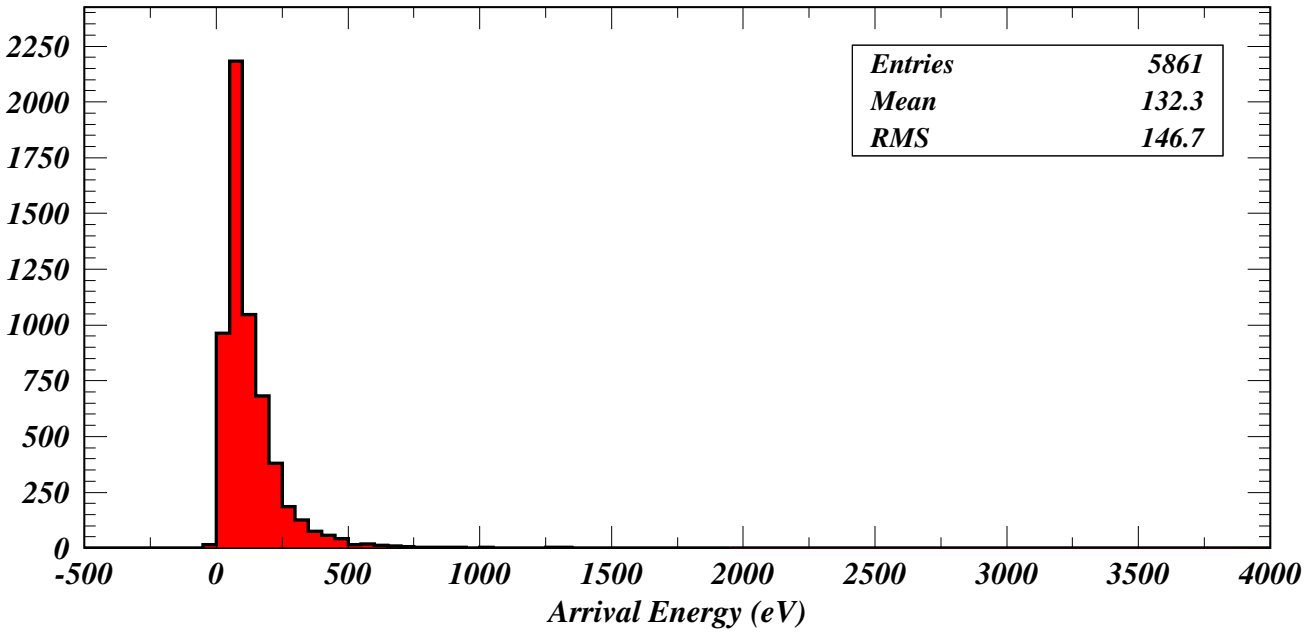
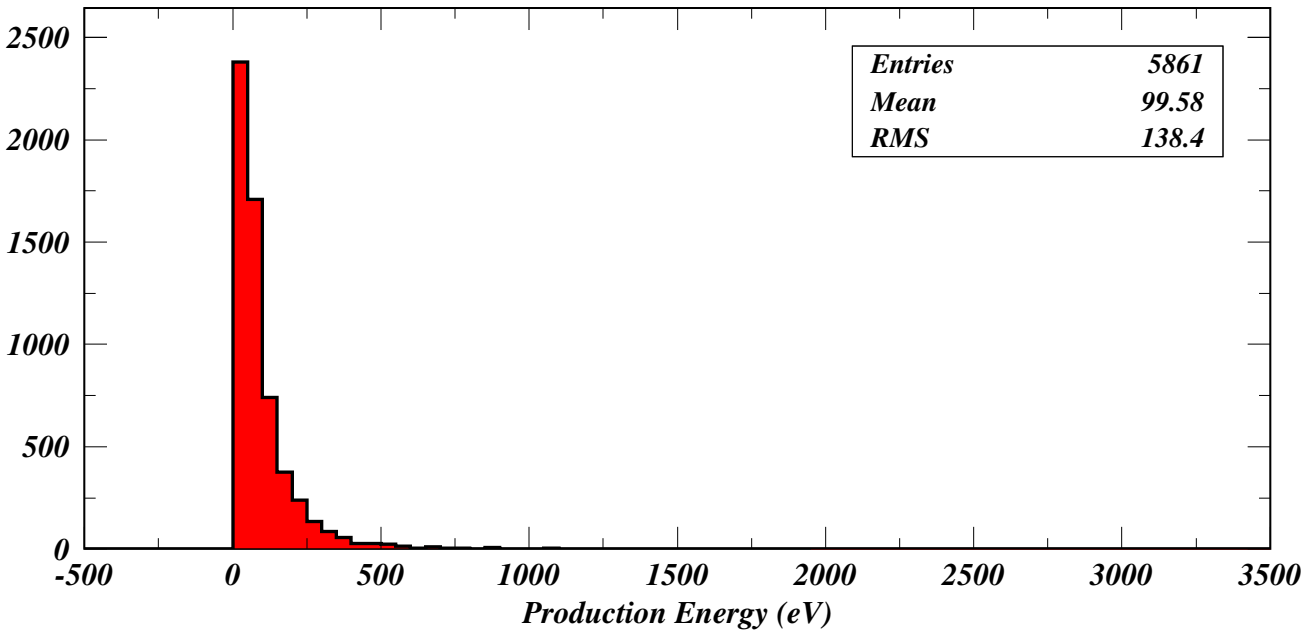
Job 16630: Button Signal Energies For 0 < T < 14 ns



10/08/03 12.06

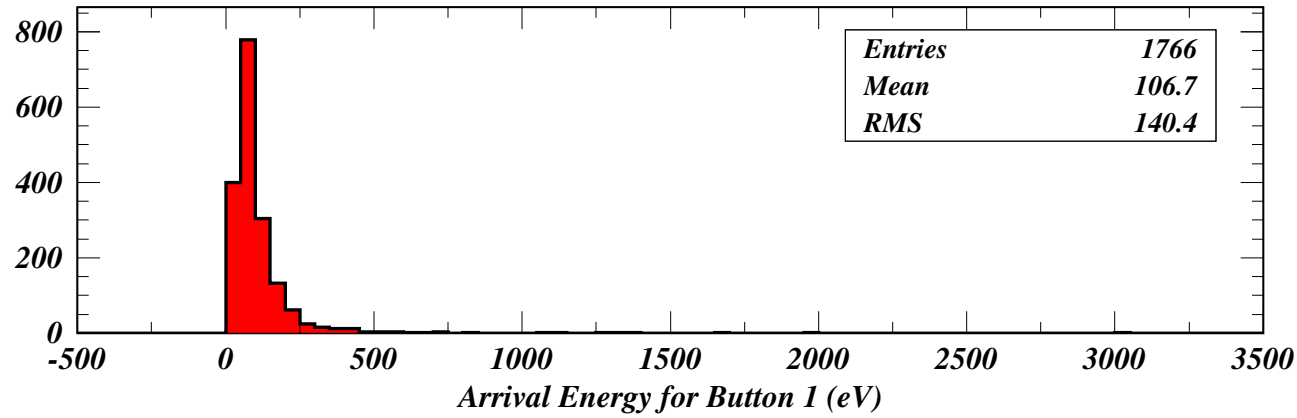
Job 16630: Button Signal Energies For 0 < T < 14 ns: Primaries Only

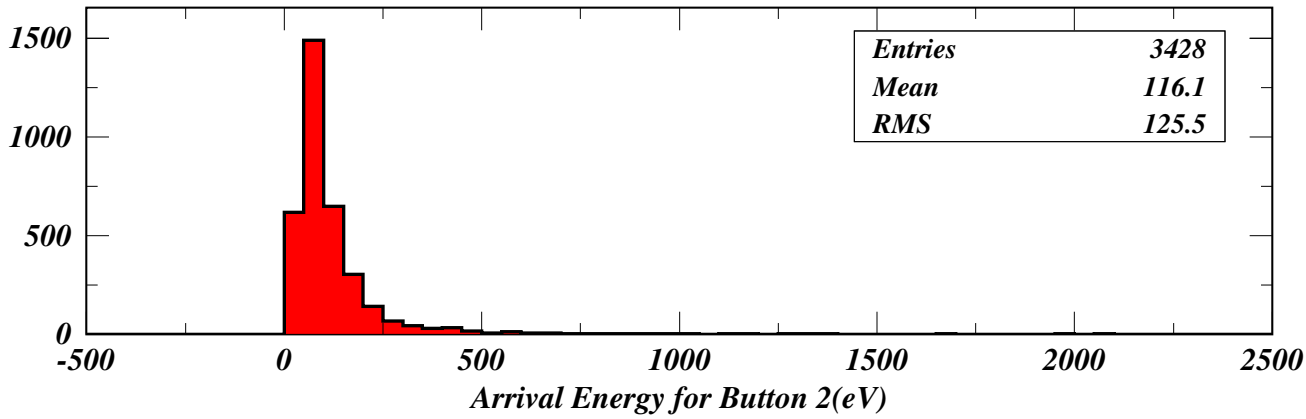


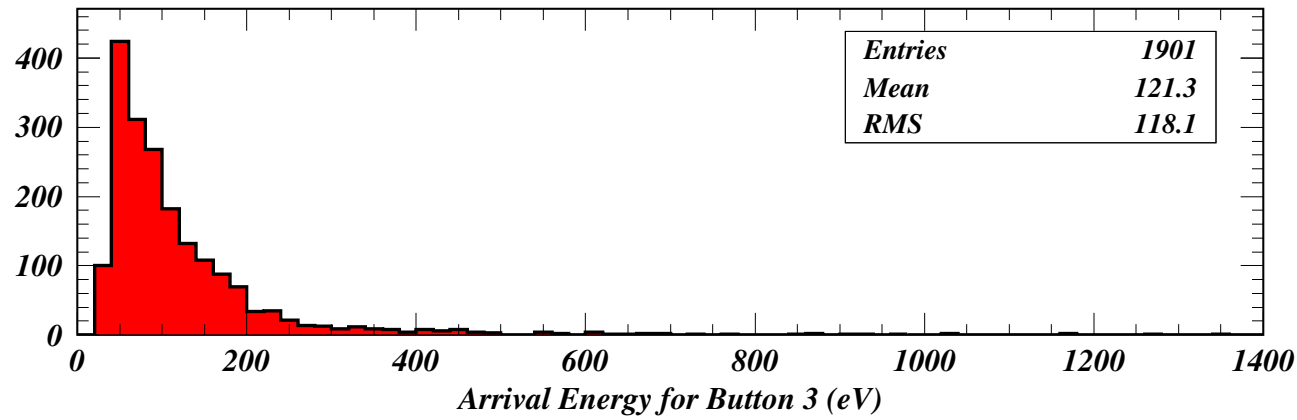


10/08/03 12.06

Job 16630: Button Signal Energies For 0 < T < 14 ns: Primaries Only

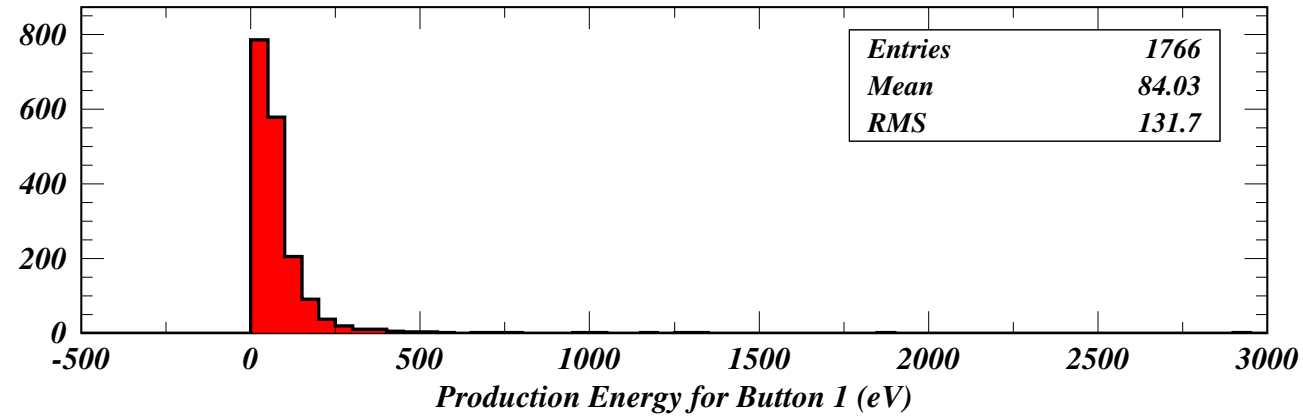


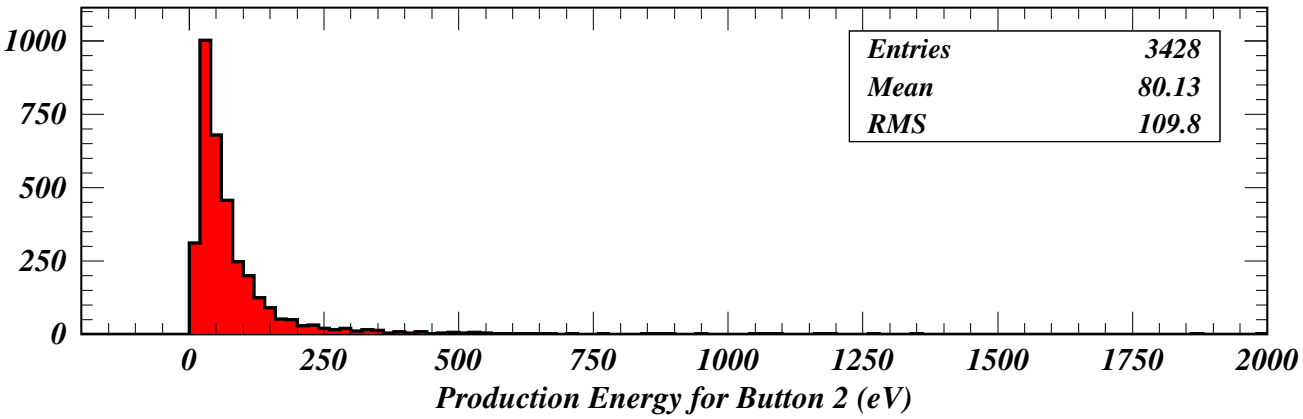


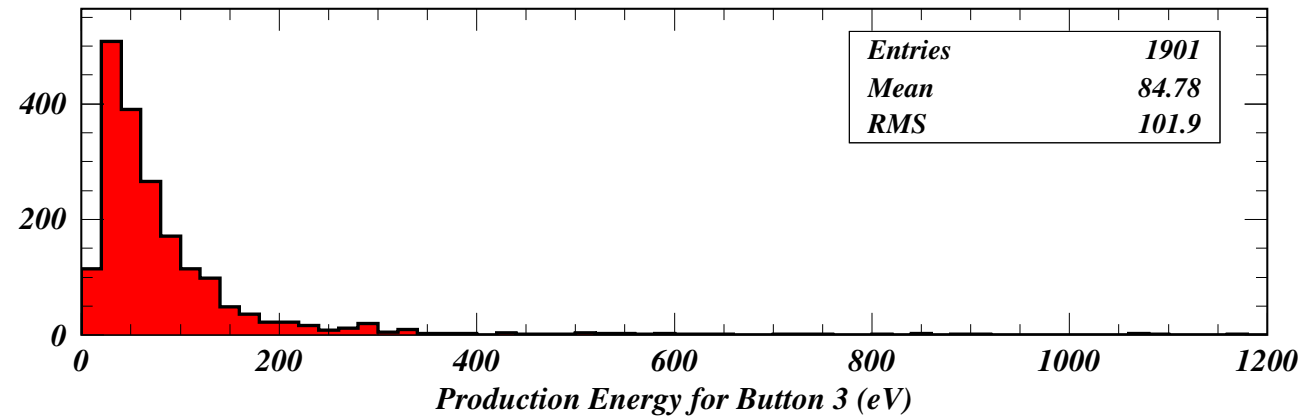


10/08/03 12.06

Job 16630: Button Signal Energies For 0 < T < 14 ns: Primaries Only

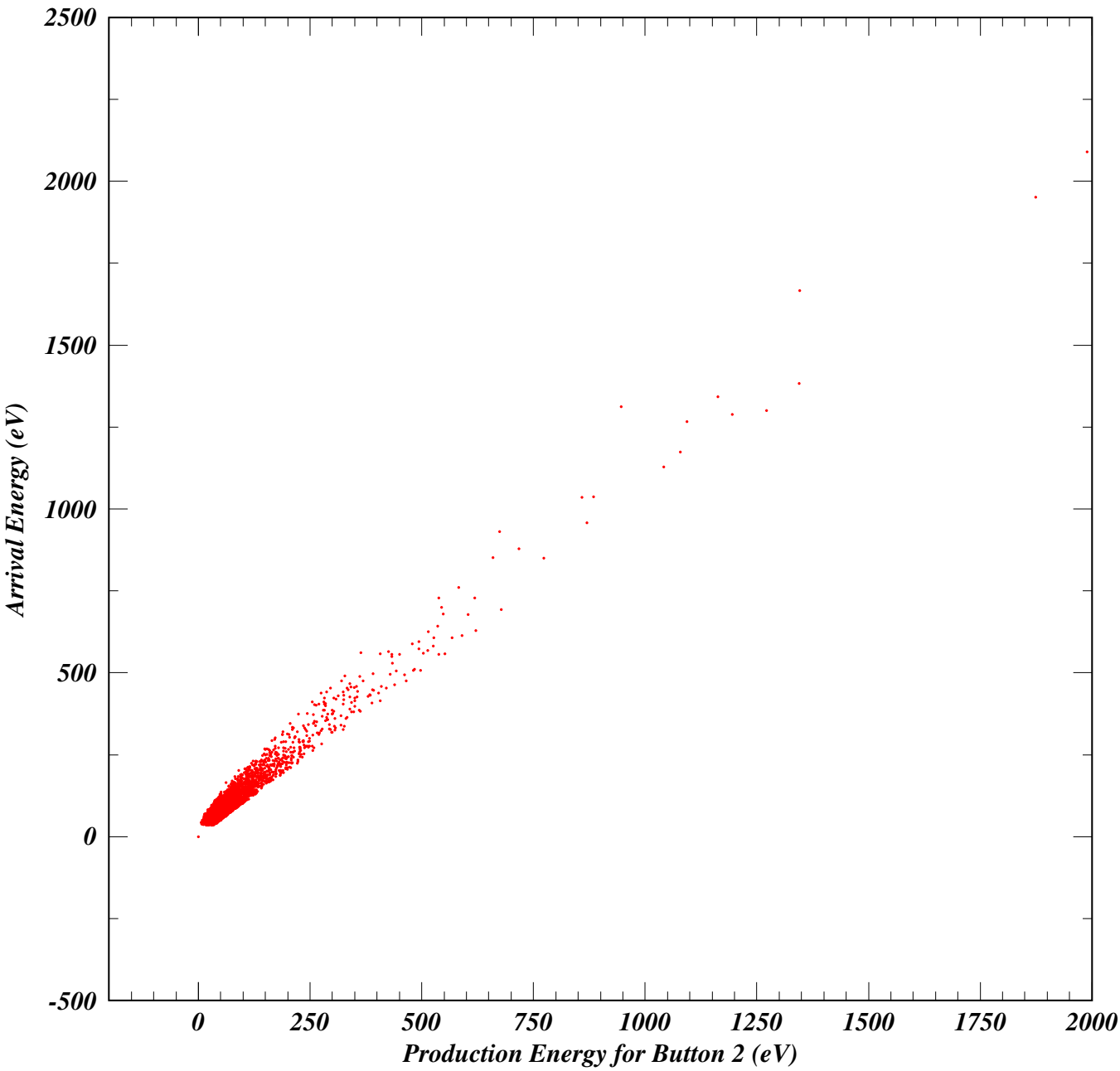






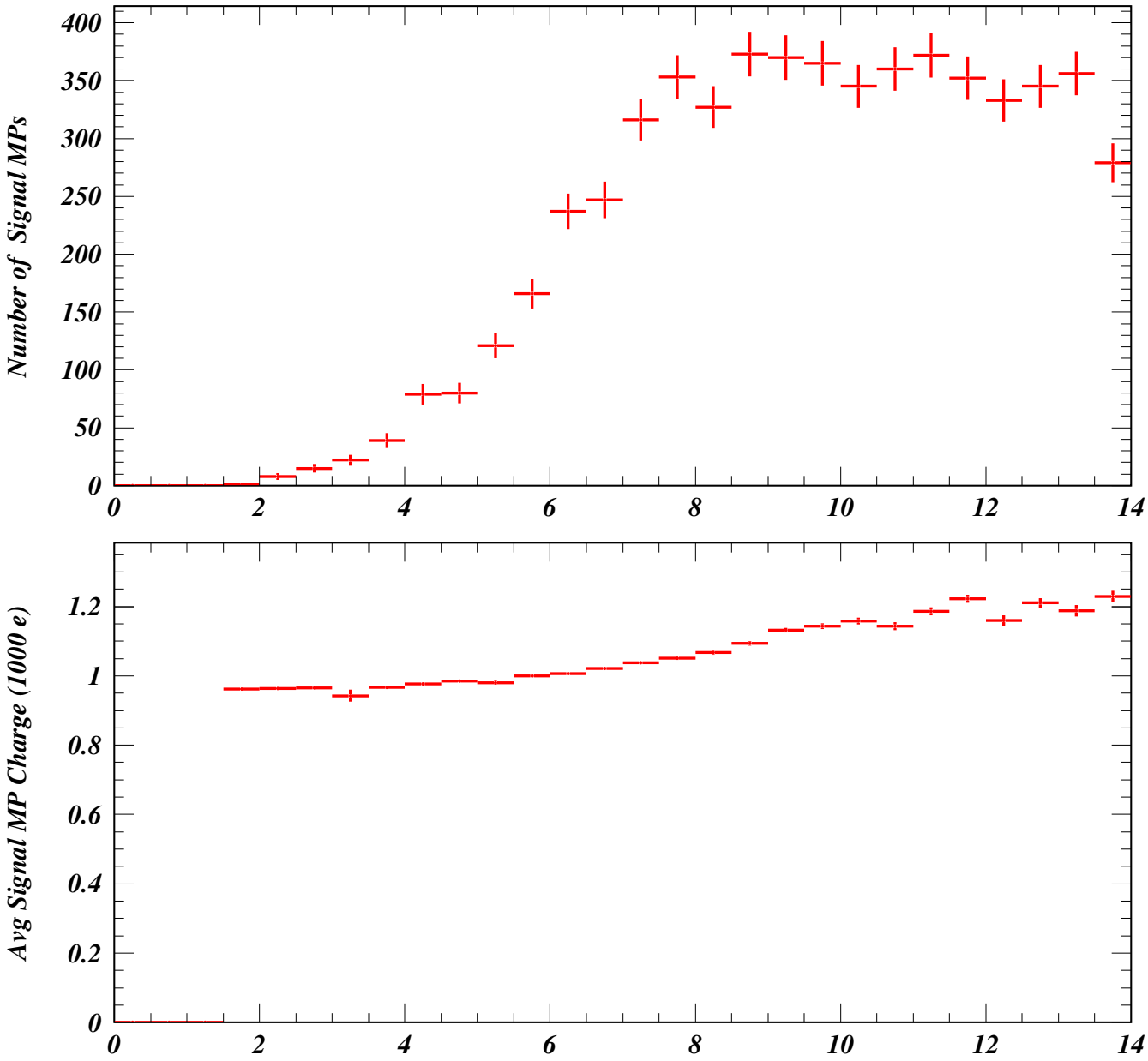
10/08/03 12.06

Job 16630: Button Signal Energies For 0 < T < 14 ns: Primaries Only



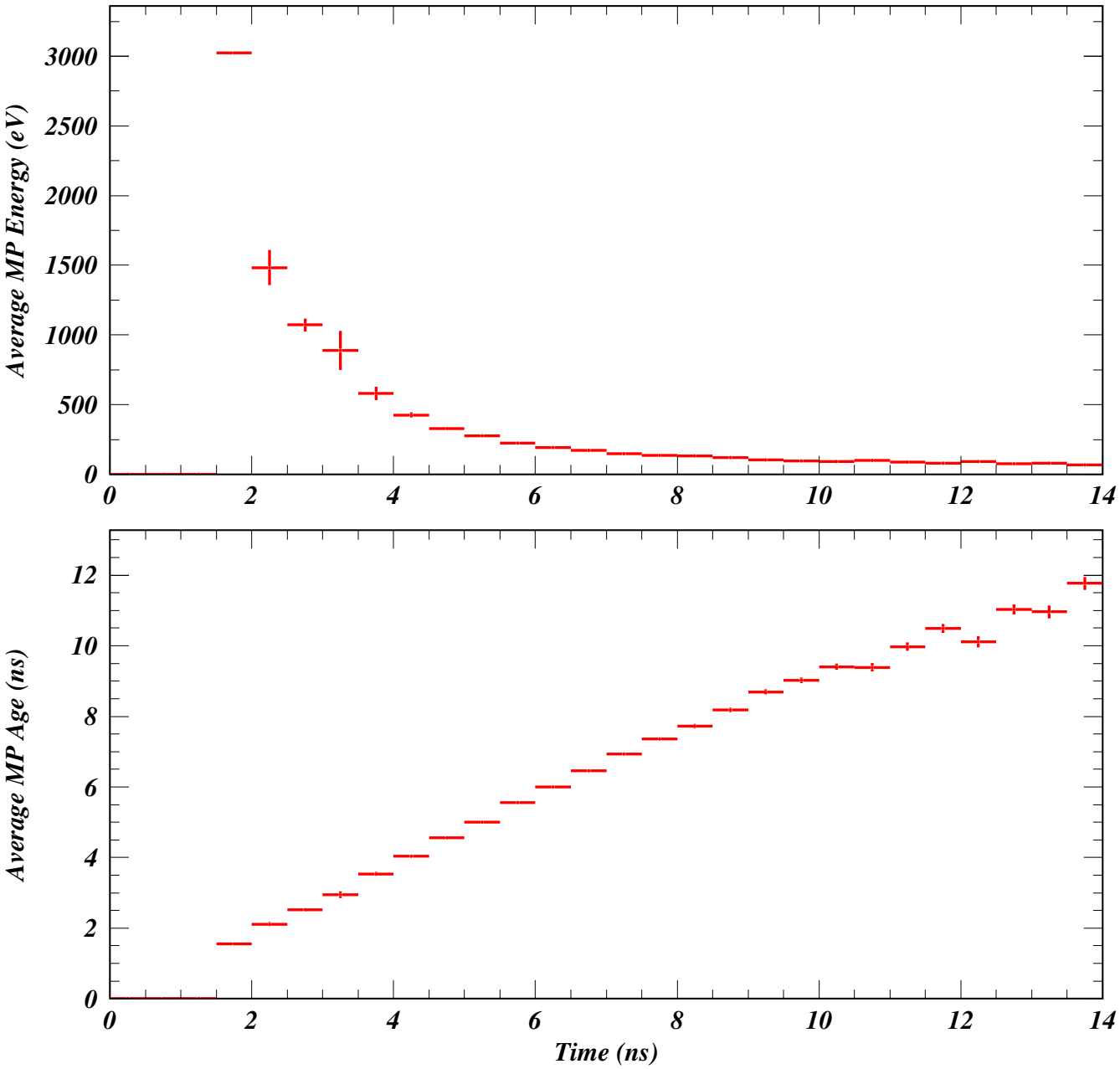
10/08/03 12.06

Job 16630: Button Signal Macroparticles For 0 < T < 14 ns

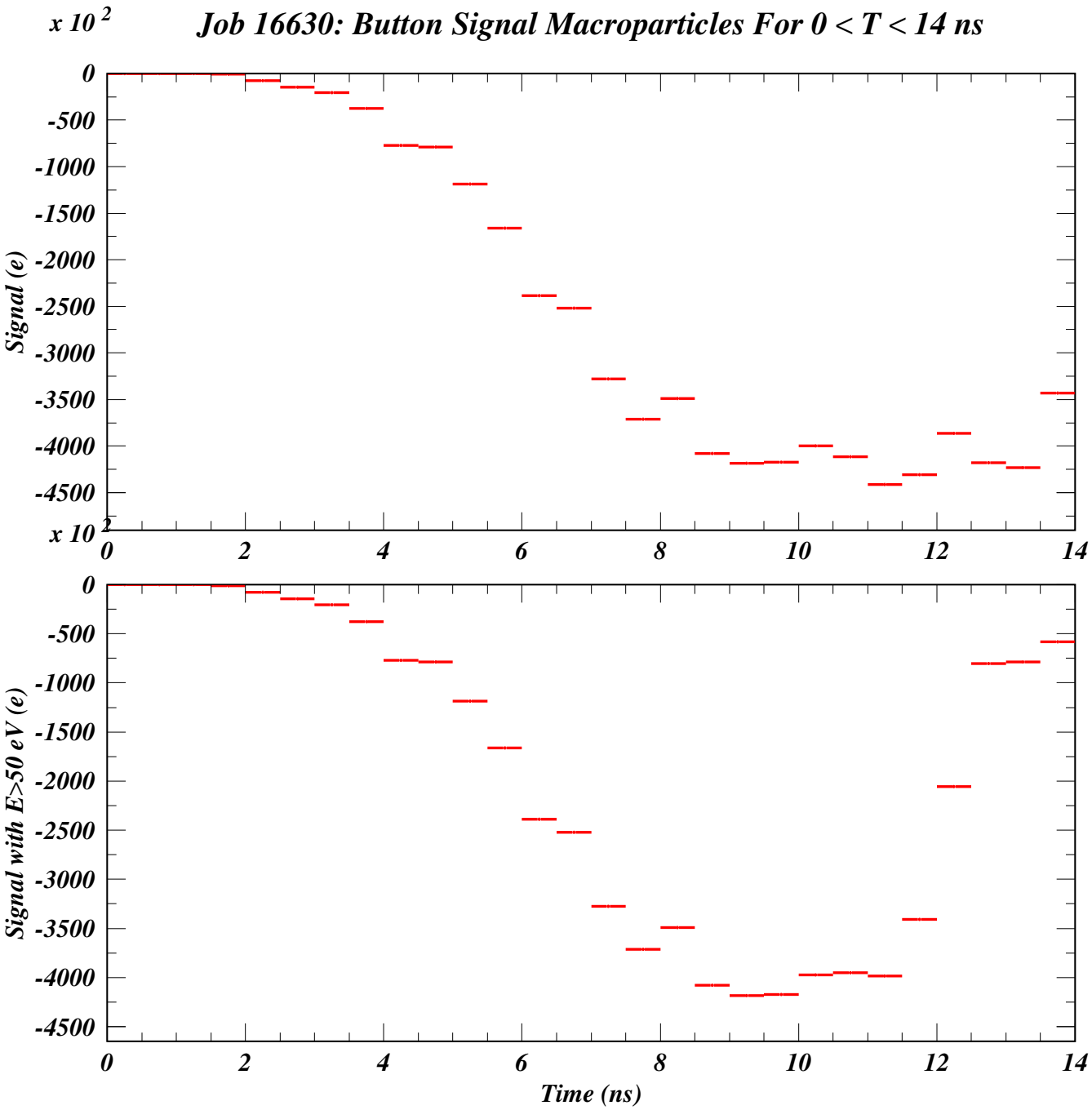


10/08/03 12.06

Job 16630: Button Signal Macroparticles For 0 < T < 14 ns

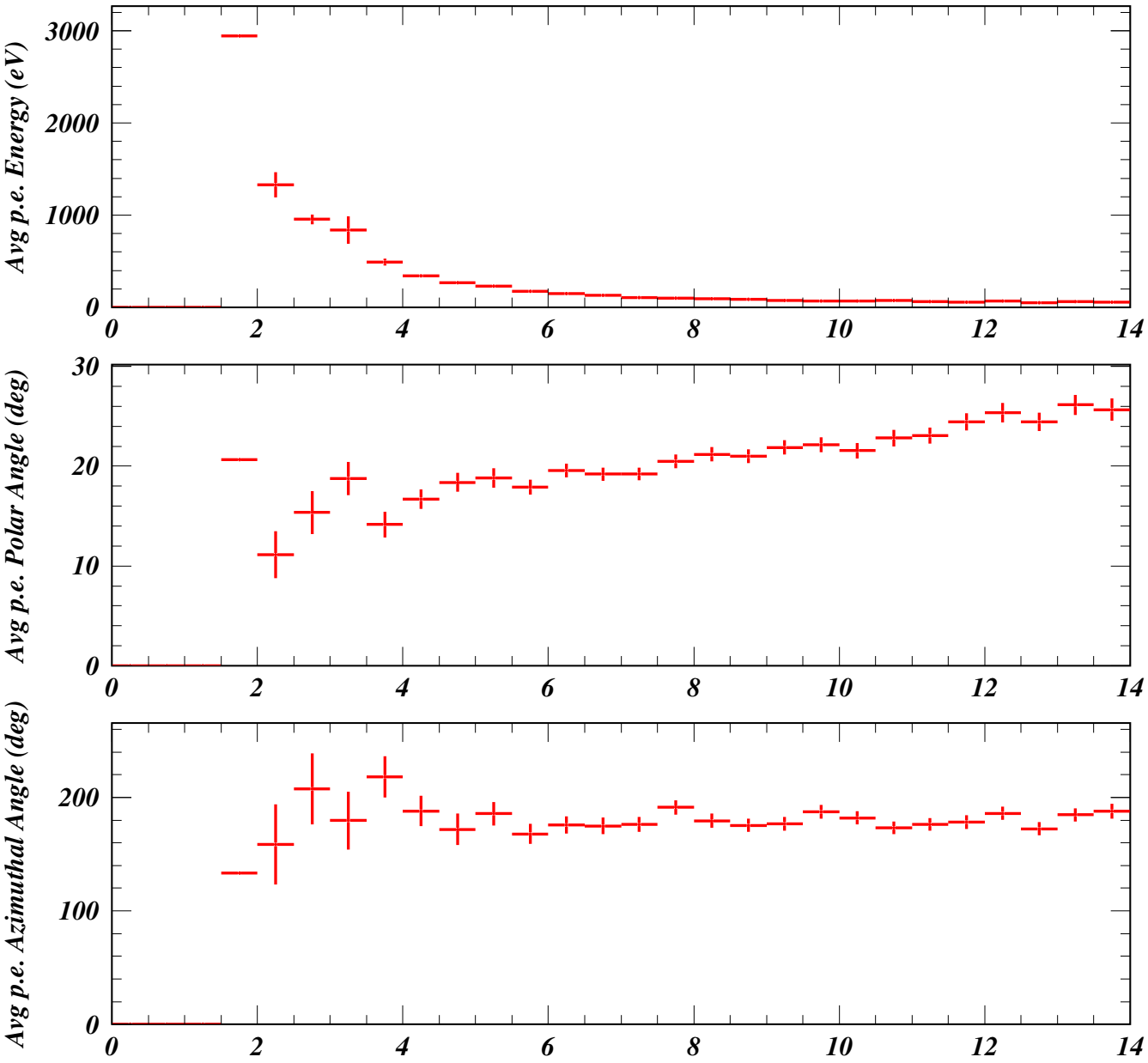


10/08/03 12.06

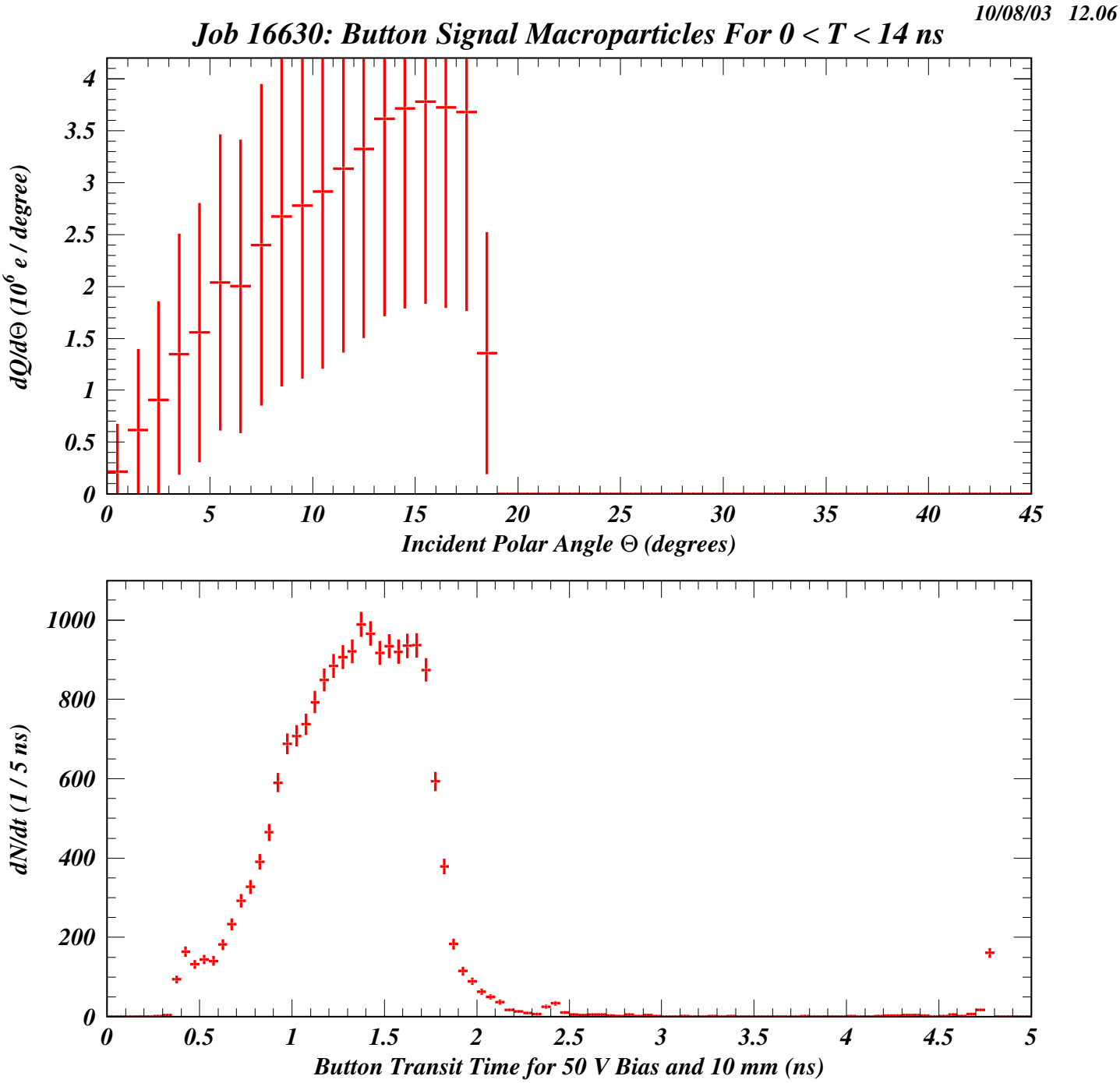

x 10 2
Job 16630: Button Signal Macroparticles For 0 < T < 14 ns
Signal (e)
0
-500
-1000
-1500
-2000
-2500
-3000
-3500
-4000
-4500
x 10 2
0
2
4
6
8
10
12
14
Signal with E>50 eV (e)
Time (ns)

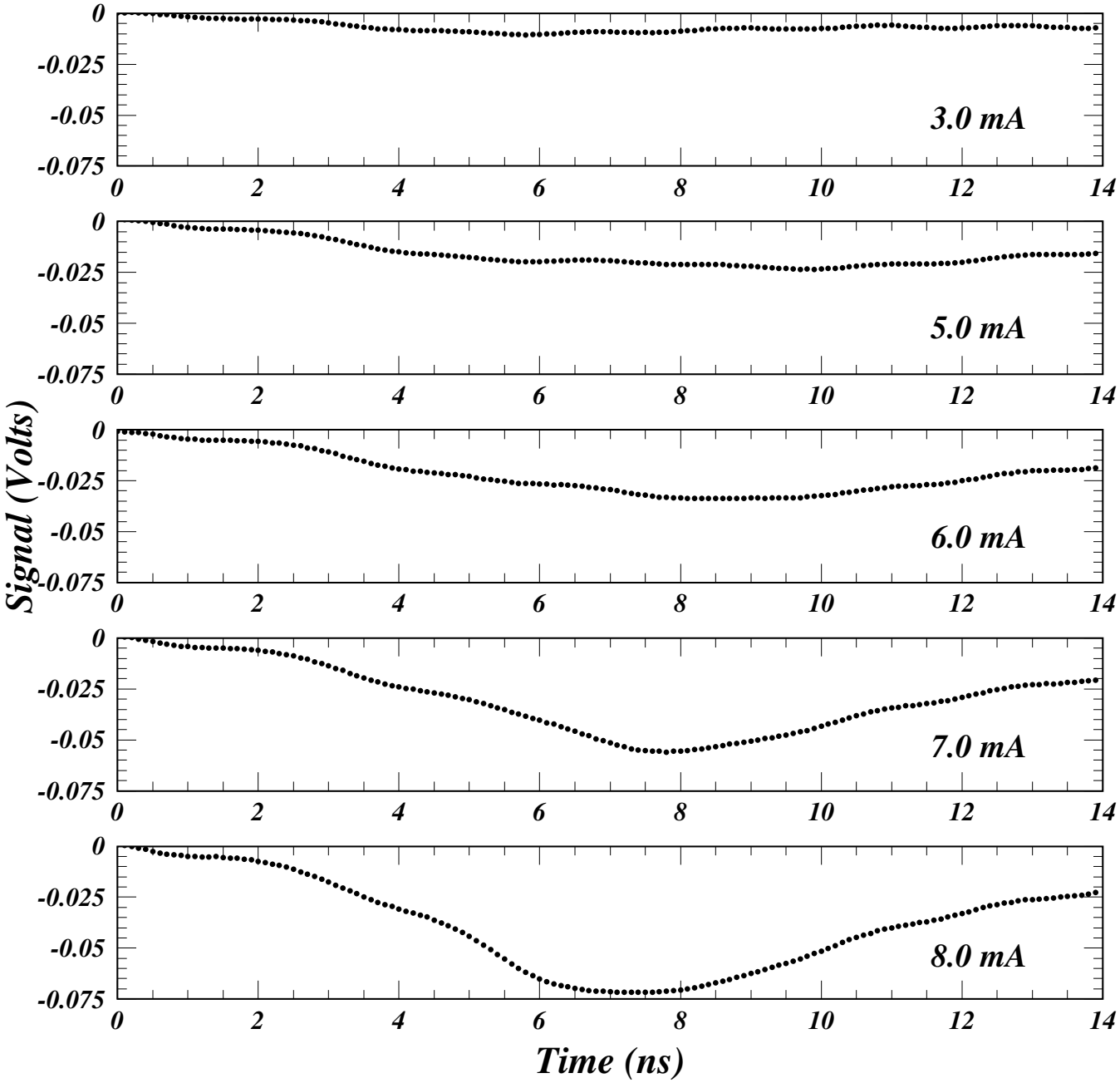
10/08/03 12.06

Job 16630: Button Signal Macroparticles For 0 < T < 14 ns



10/08/03 12.06


Job 16630: 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)

10/08/03 12.06

15E (TiN) SPU Measurements (3/16/2010, 5.3 GeV e+, Button 2)