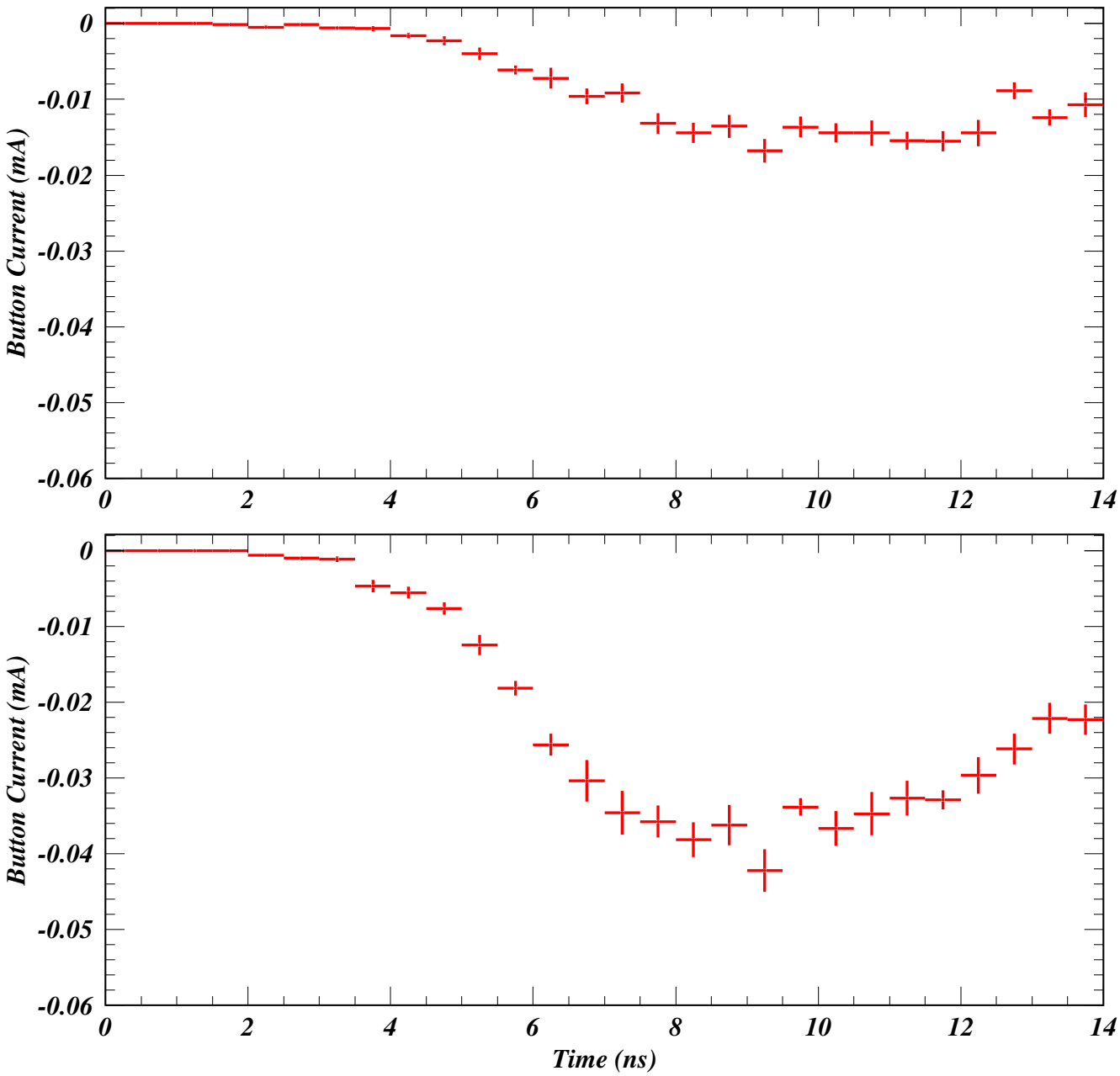
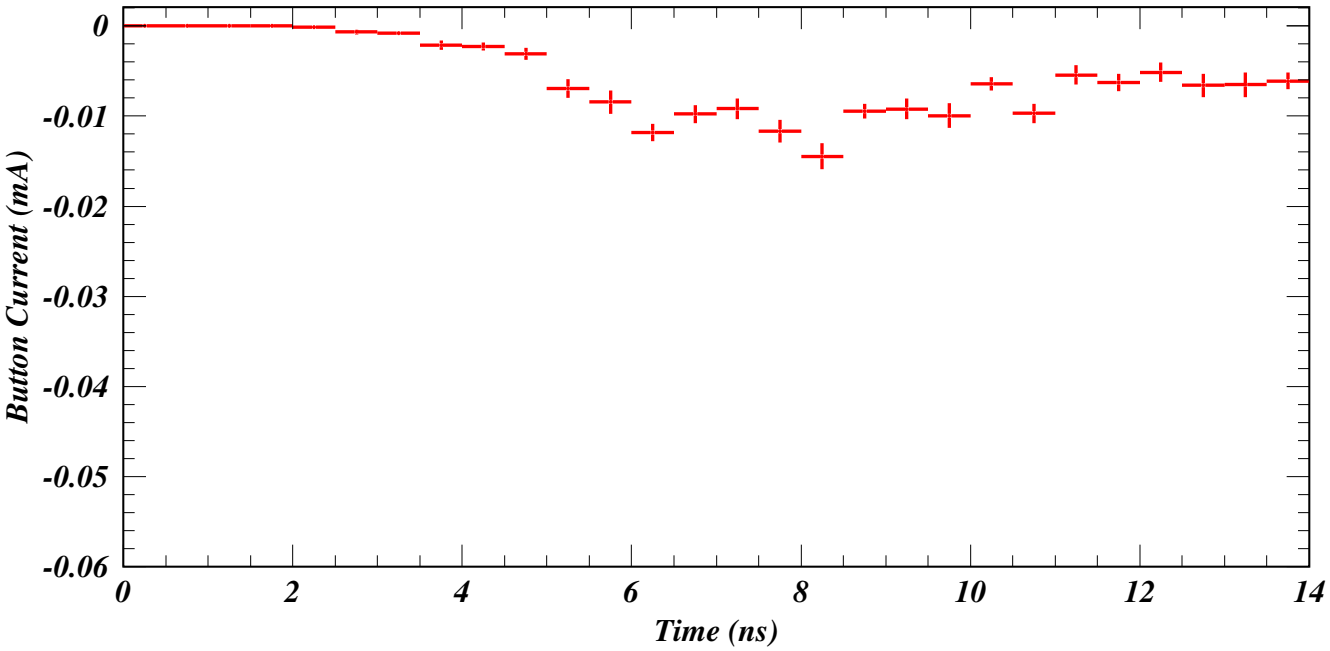
10/09/07 14.37

Job 16632: Shielded Button Simulation



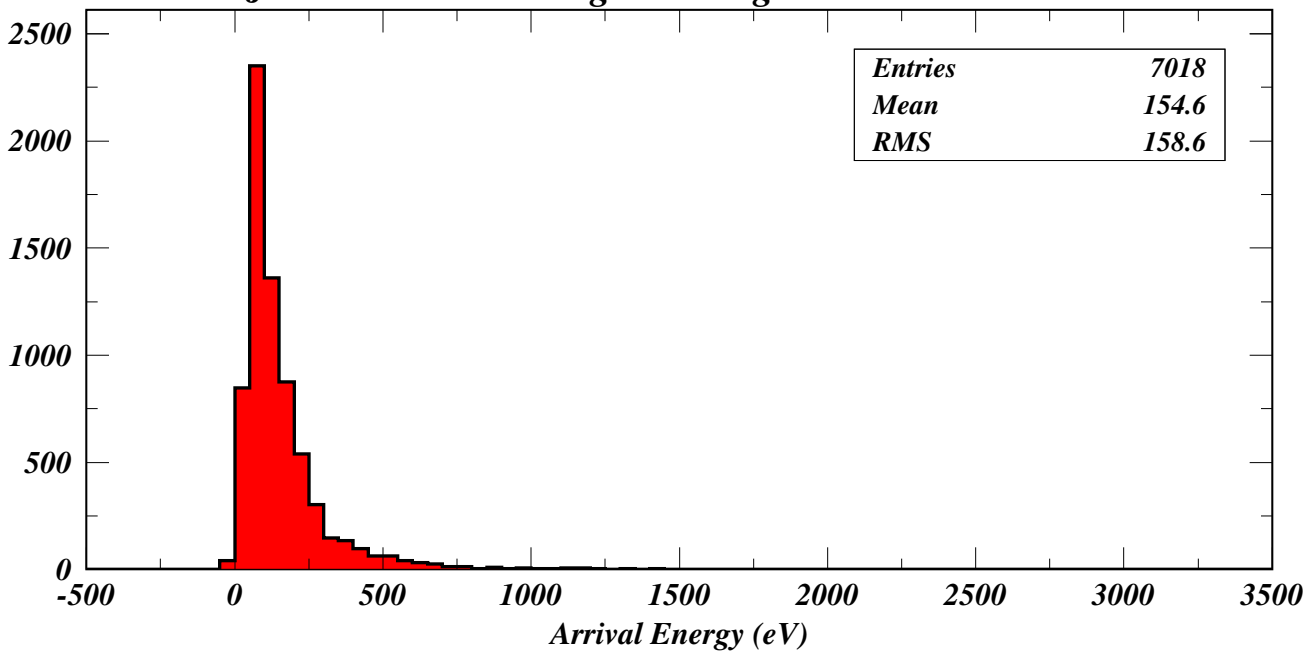
10/09/07 14.37

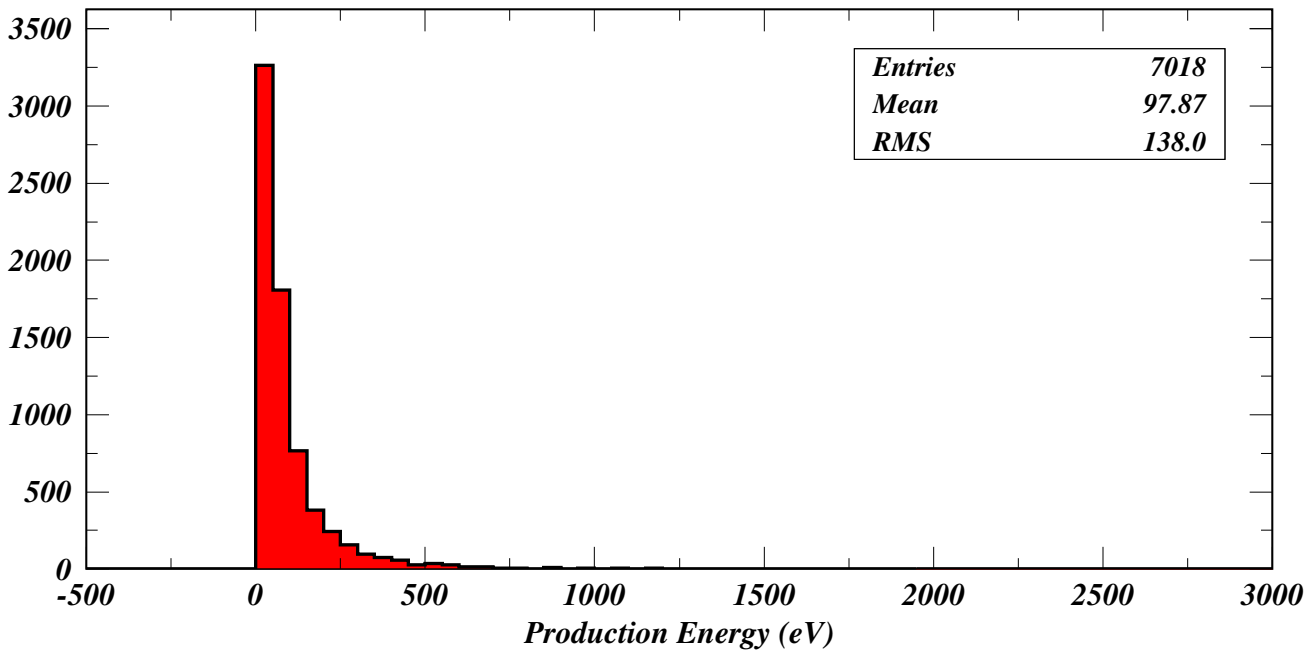
Job 16632: Shielded Button Simulation



10/09/07 14.37

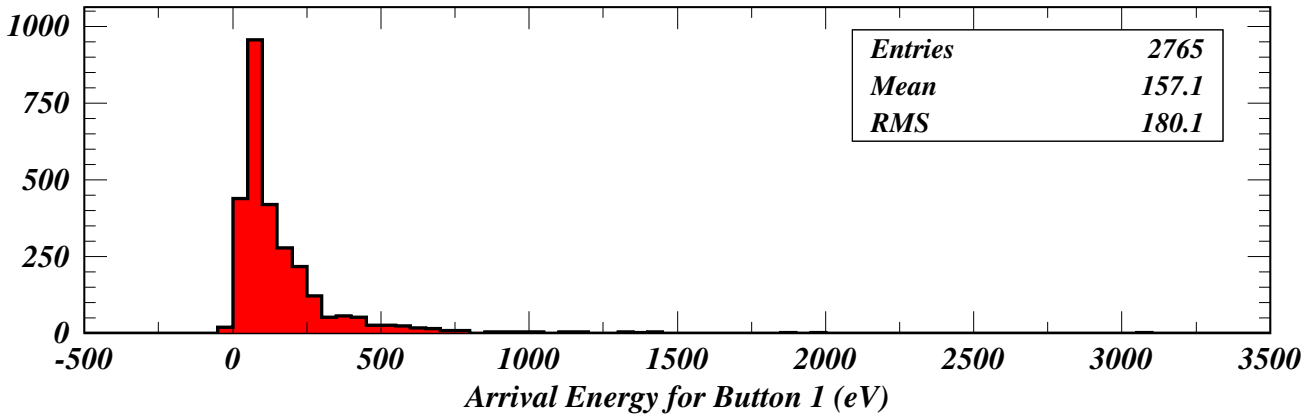
Job 16632: Button Signal Energies For 0 < T < 14 ns

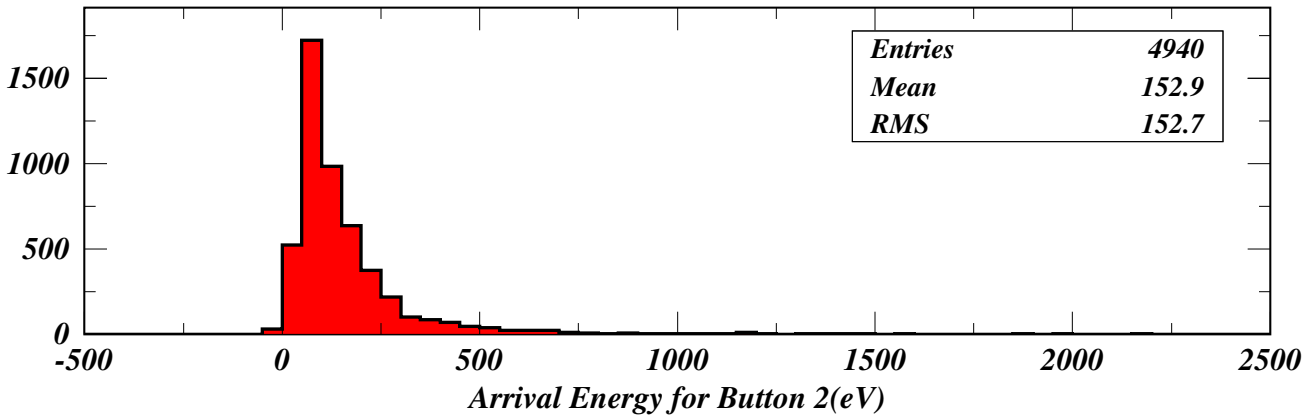


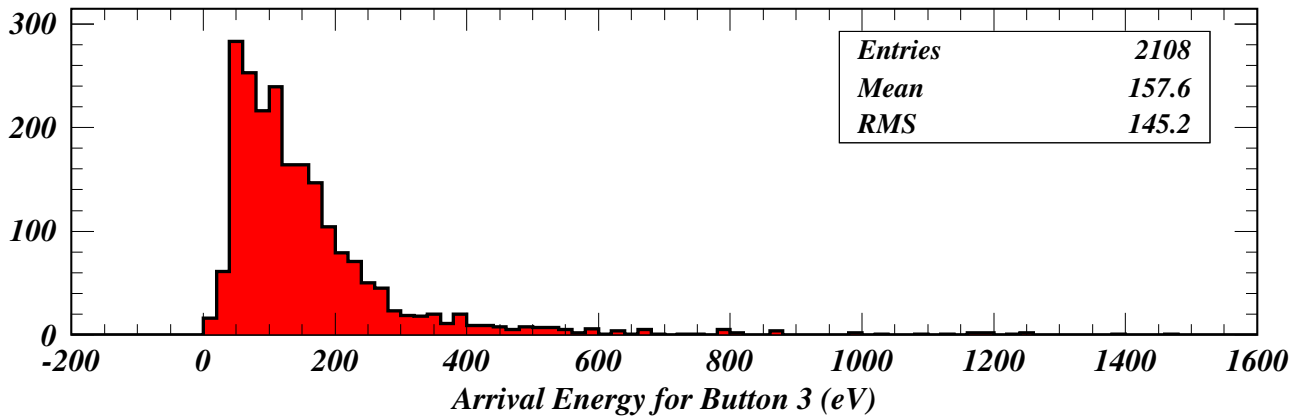


10/09/07 14.37

Job 16632: Button Signal Energies For 0 < T < 14 ns







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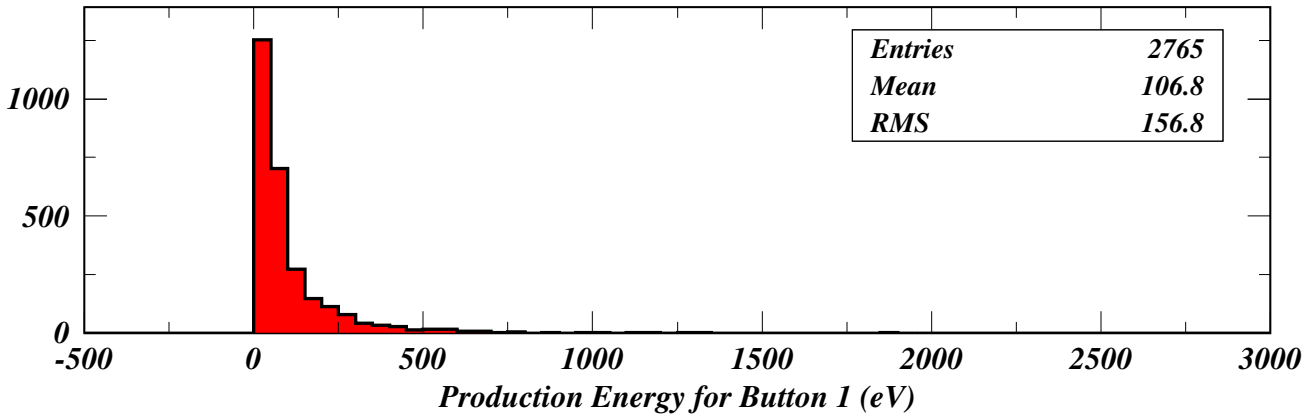
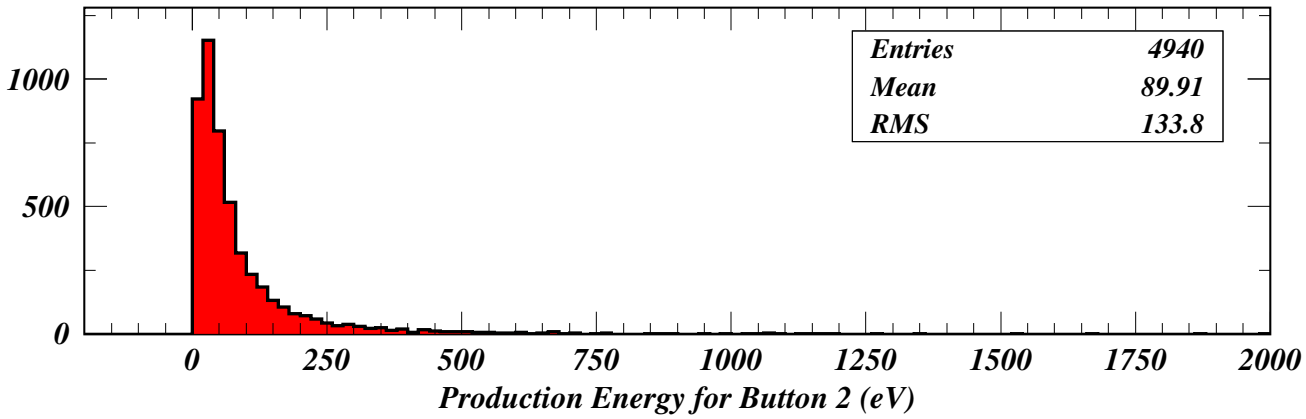
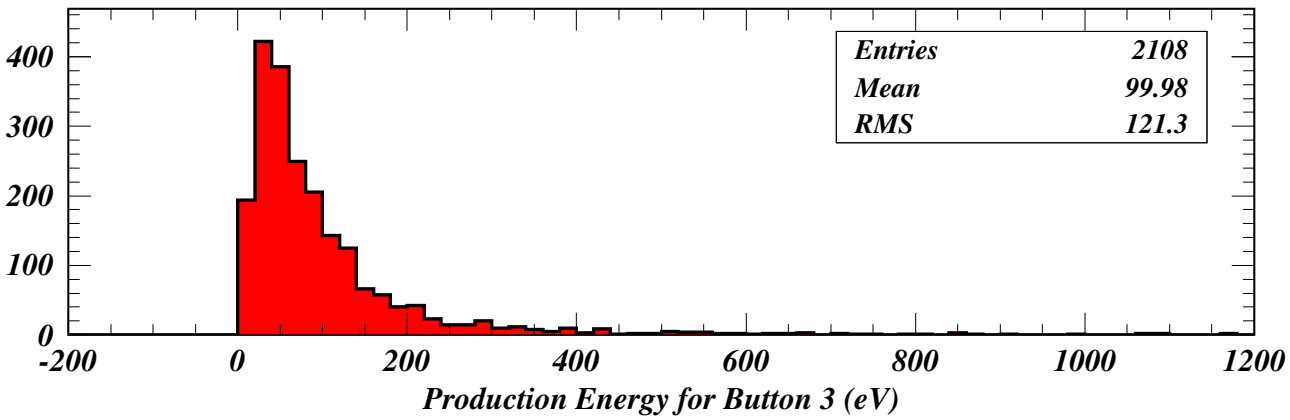
Job 16632: Button Signal Energies For 0 < T < 14 ns

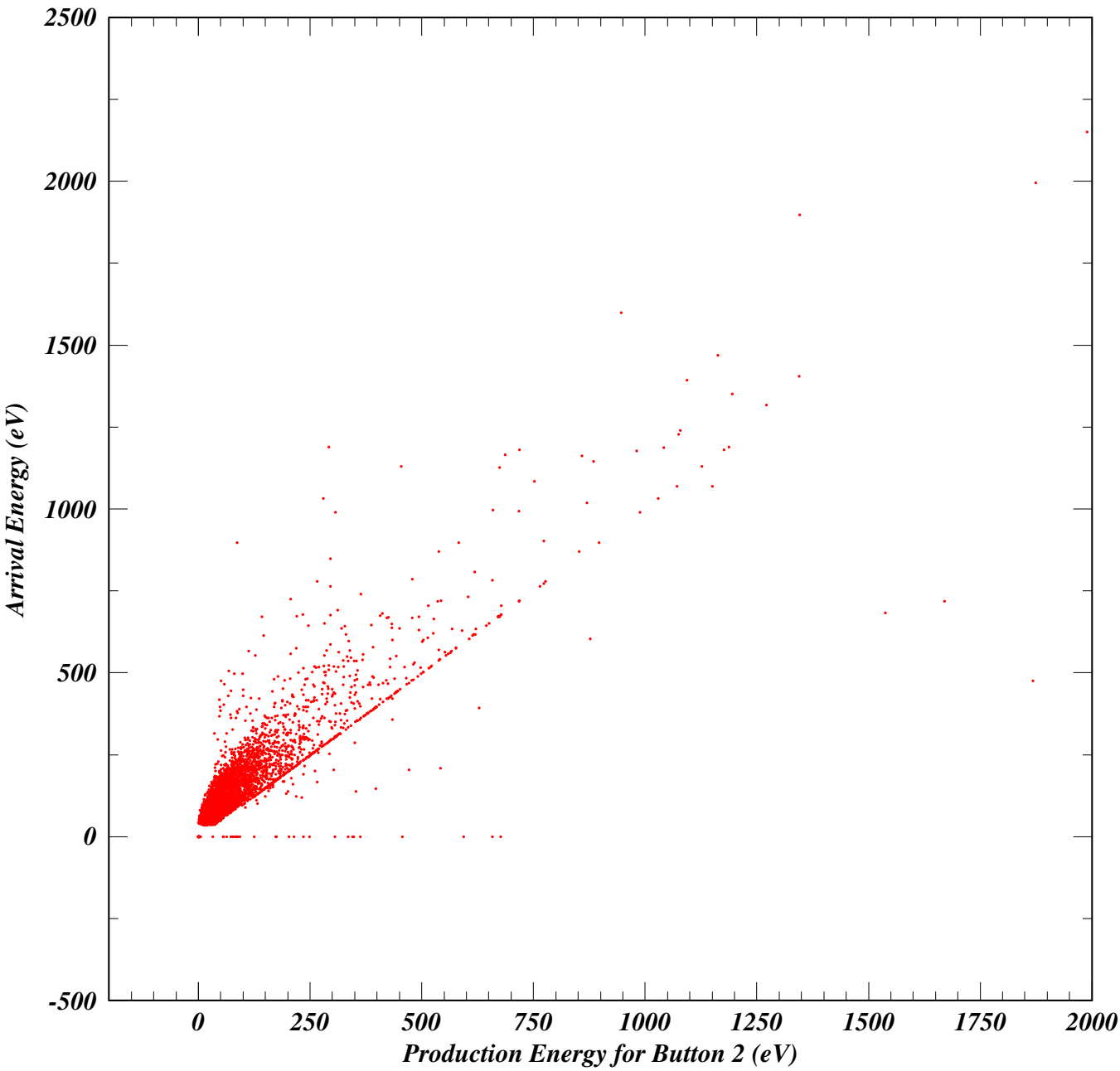






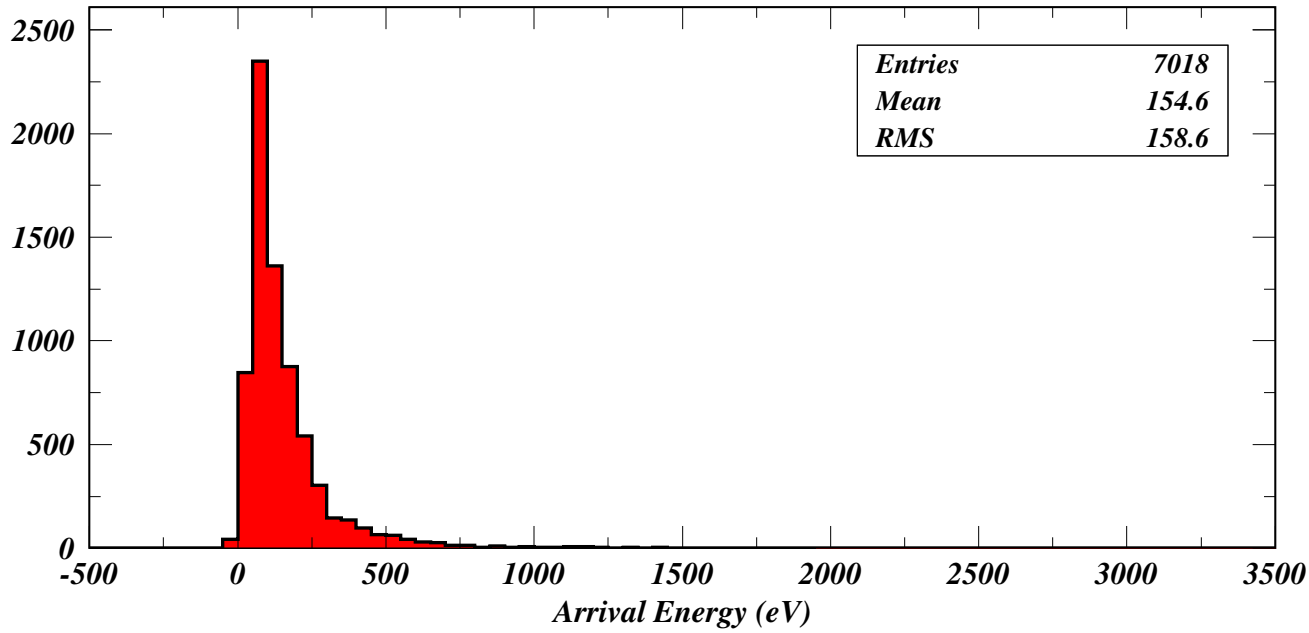
10/09/07 14.37

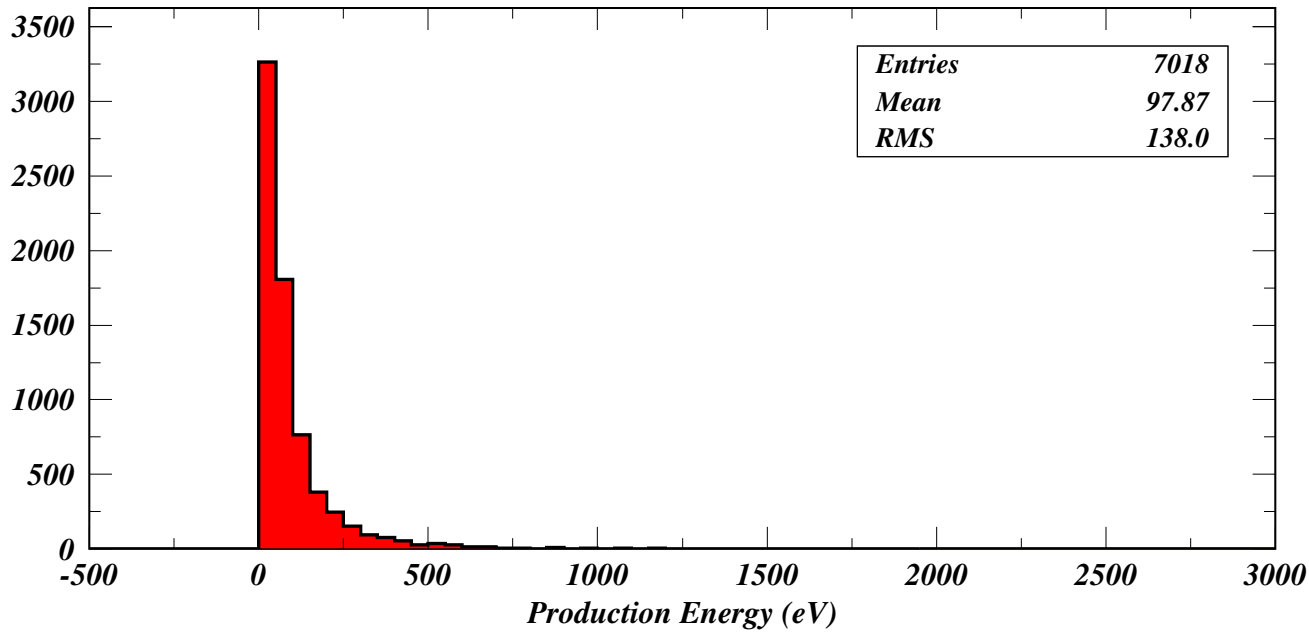
Job 16632: Button Signal Energies For 0 < T < 14 ns



10/09/07 14.37

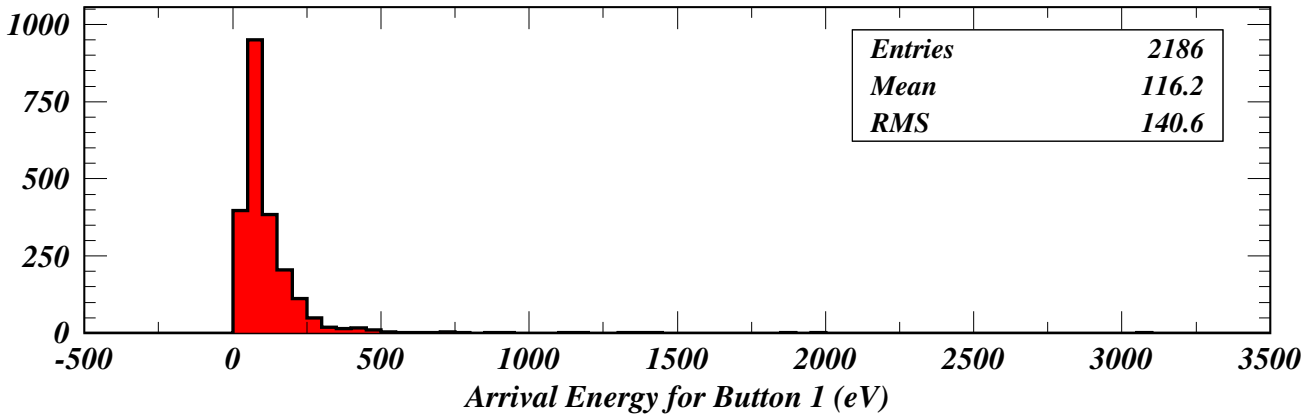
Job 16632: Button Signal Energies For 0 < T < 14 ns: Primaries Only

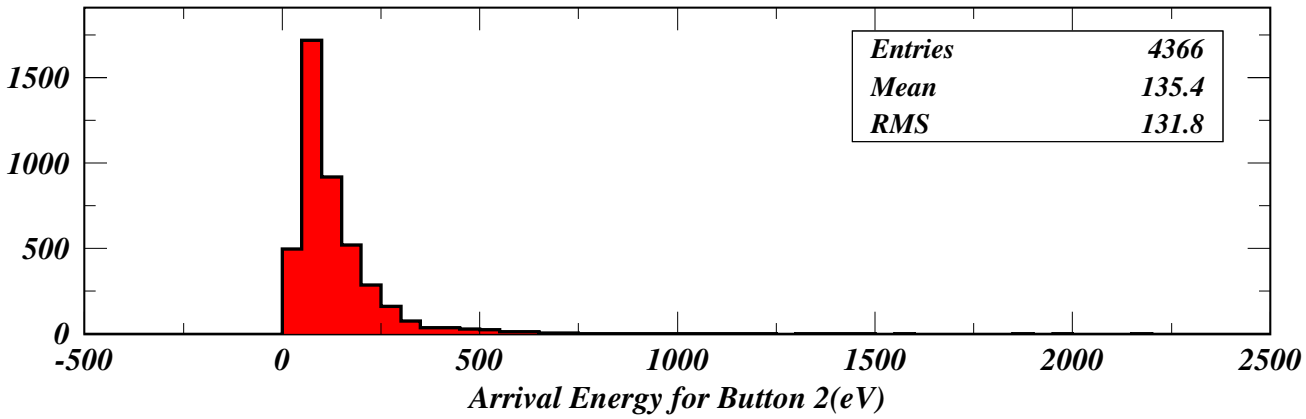


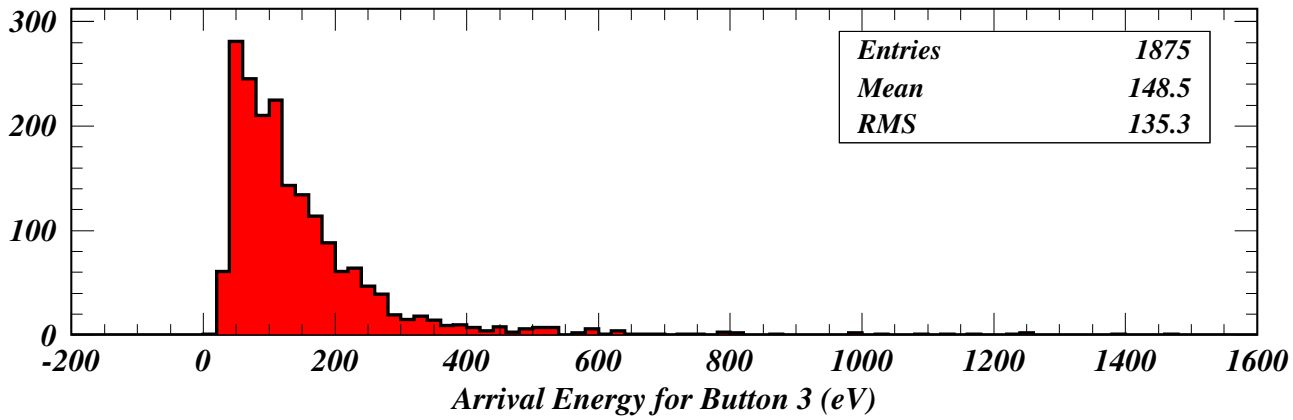


10/09/07 14.37

Job 16632: Button Signal Energies For 0 < T < 14 ns: Primaries Only

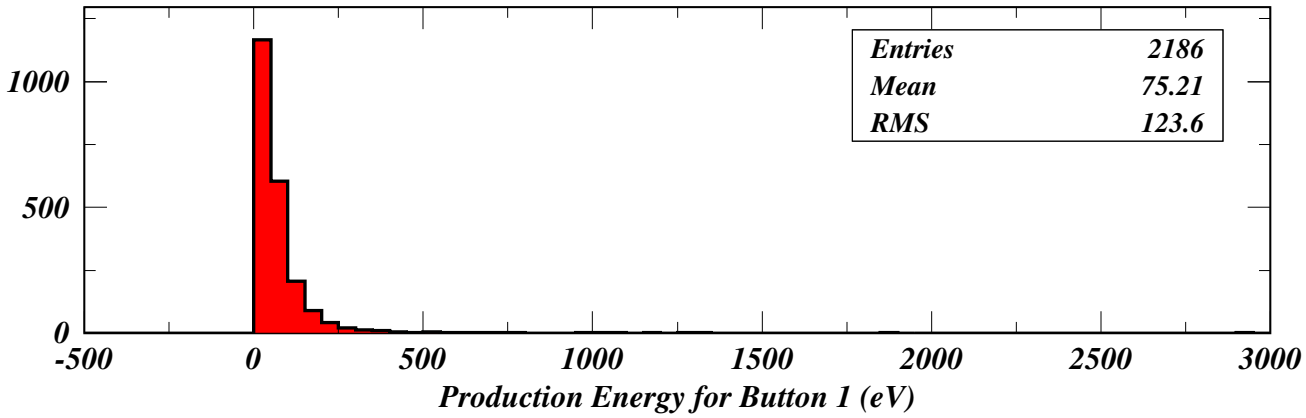


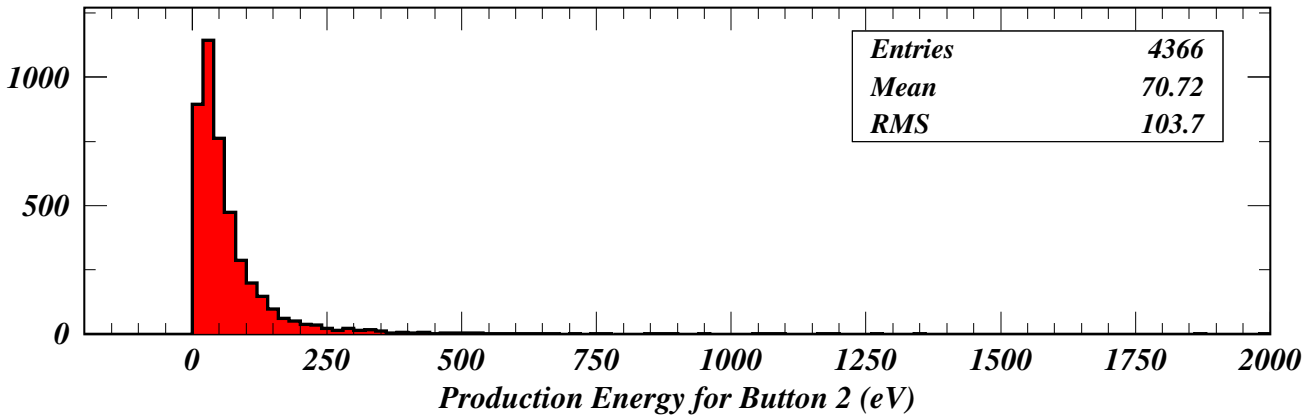


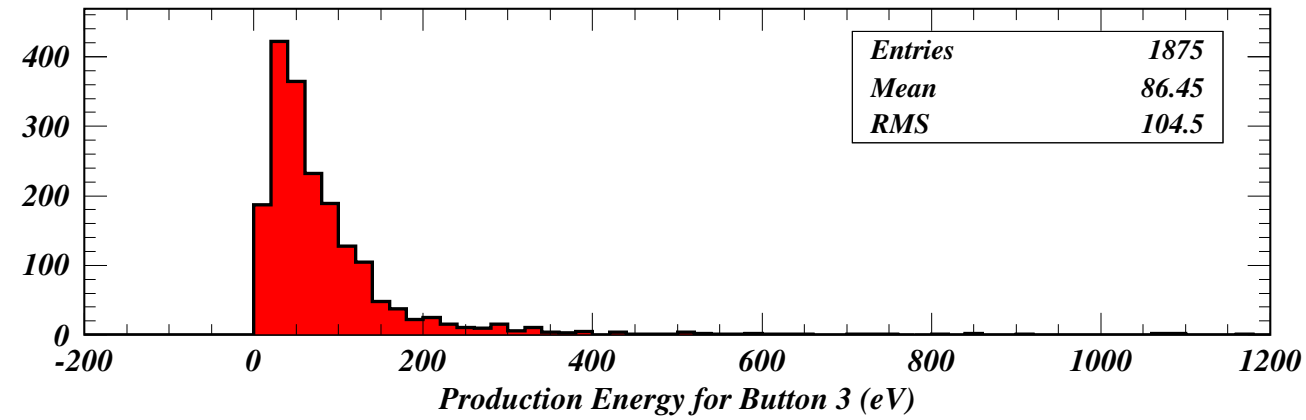


10/09/07 14.37

Job 16632: Button Signal Energies For 0 < T < 14 ns: Primaries Only







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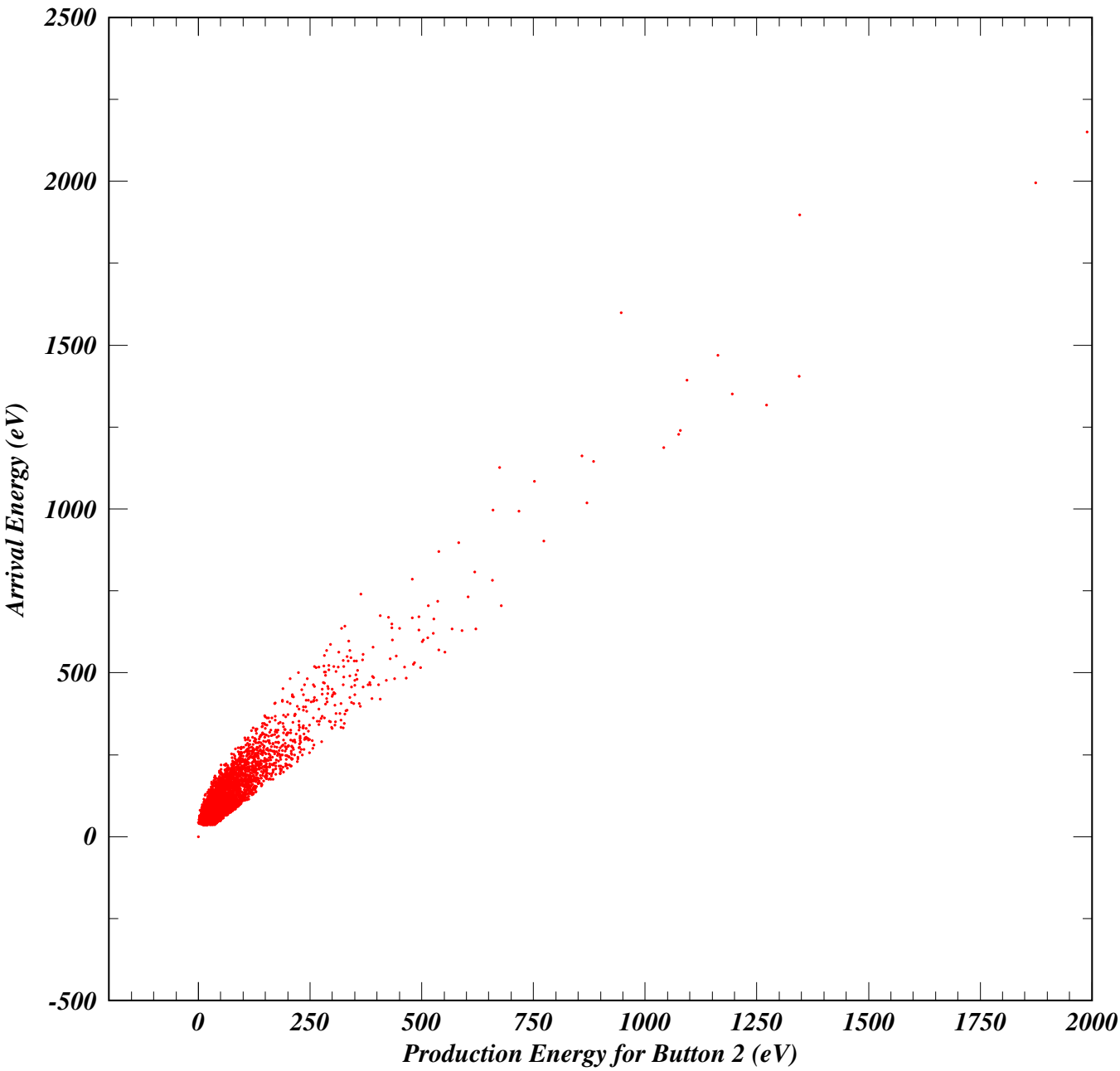
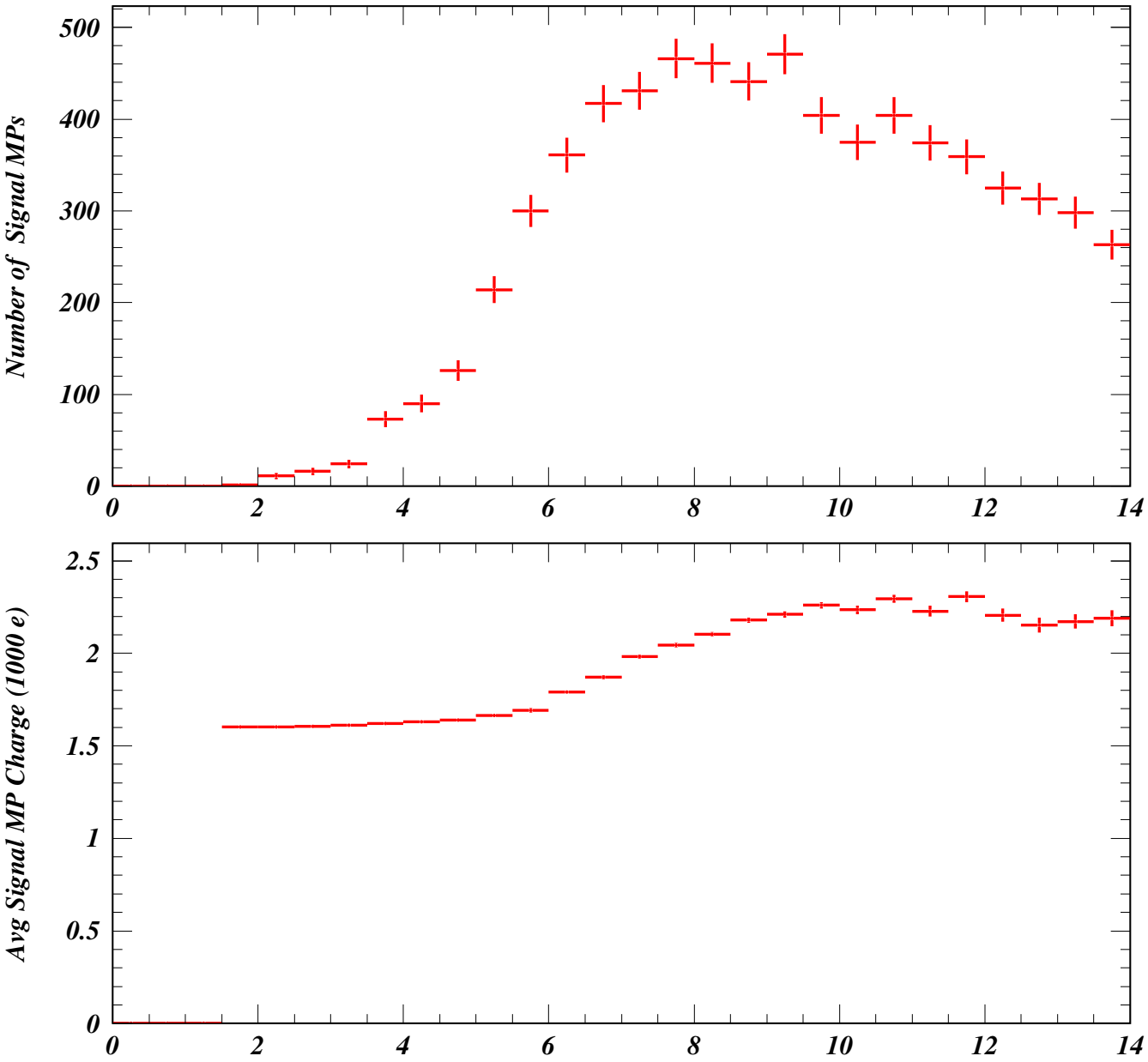
Job 16632: Button Signal Energies For 0 < T < 14 ns: Primaries Only



10/09/07 14.37

Job 16632: Button Signal Macroparticles For 0 < T < 14 ns



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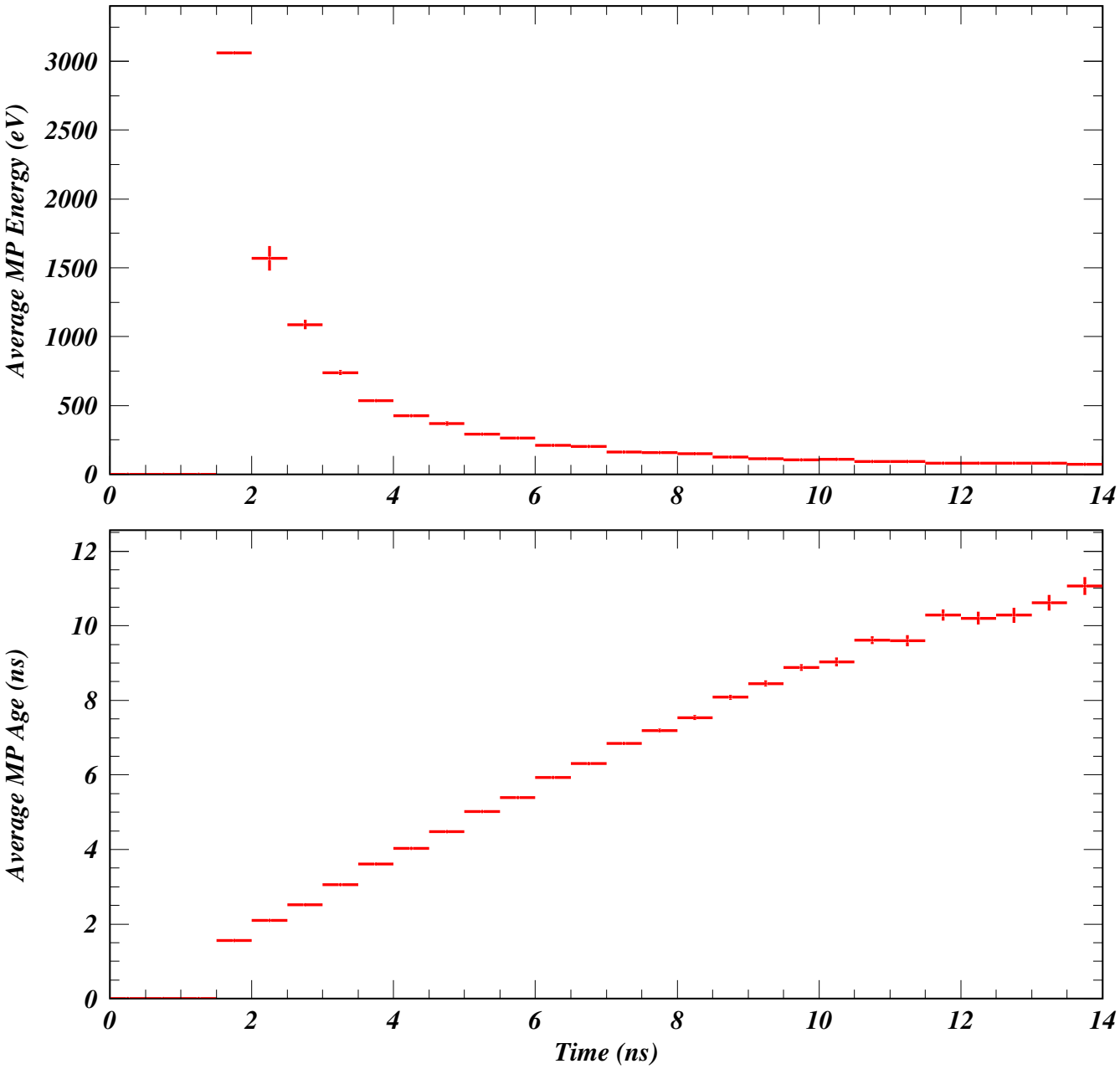
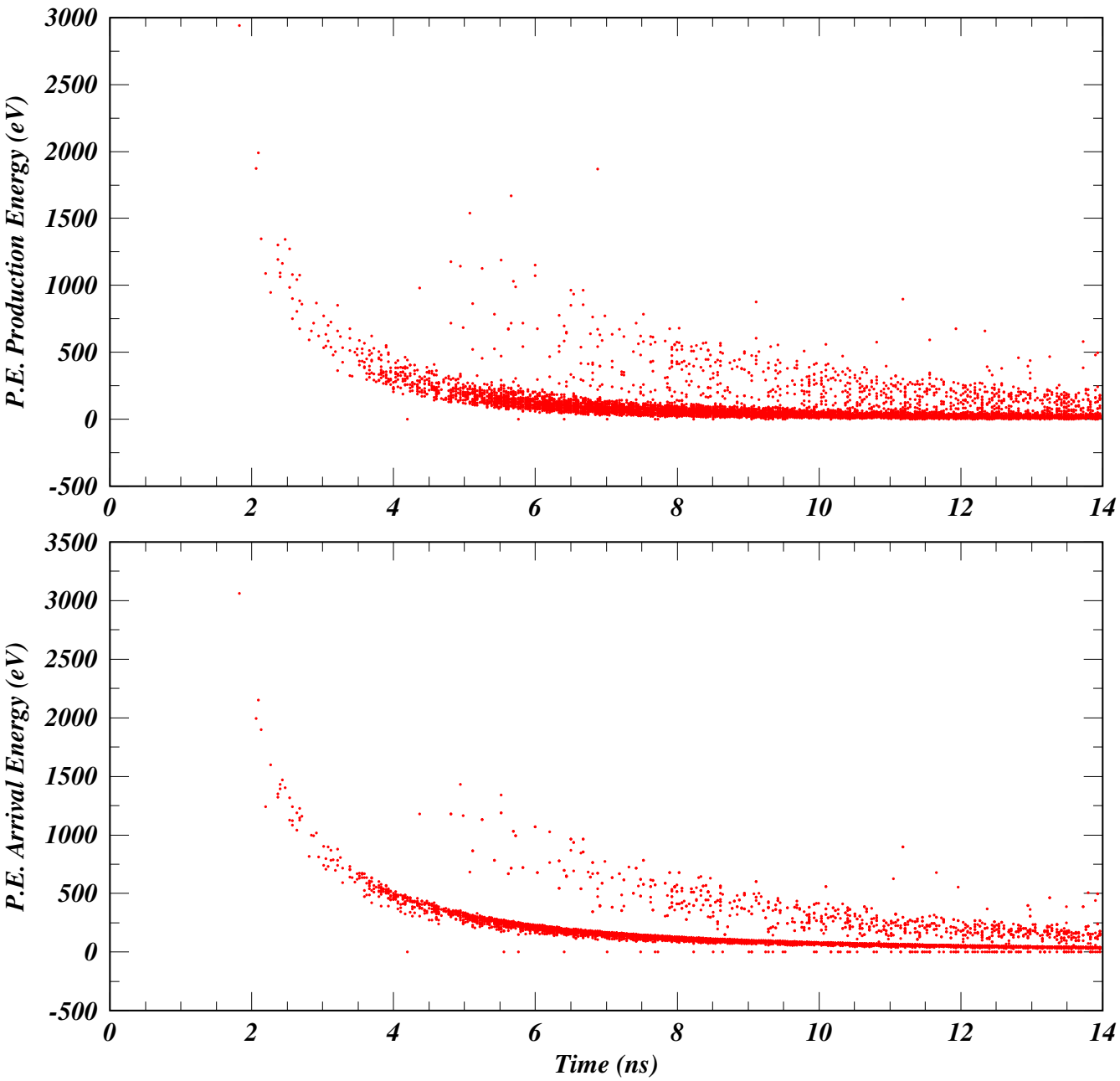
Job 16632: Button Signal Macroparticles For 0 < T < 14 ns



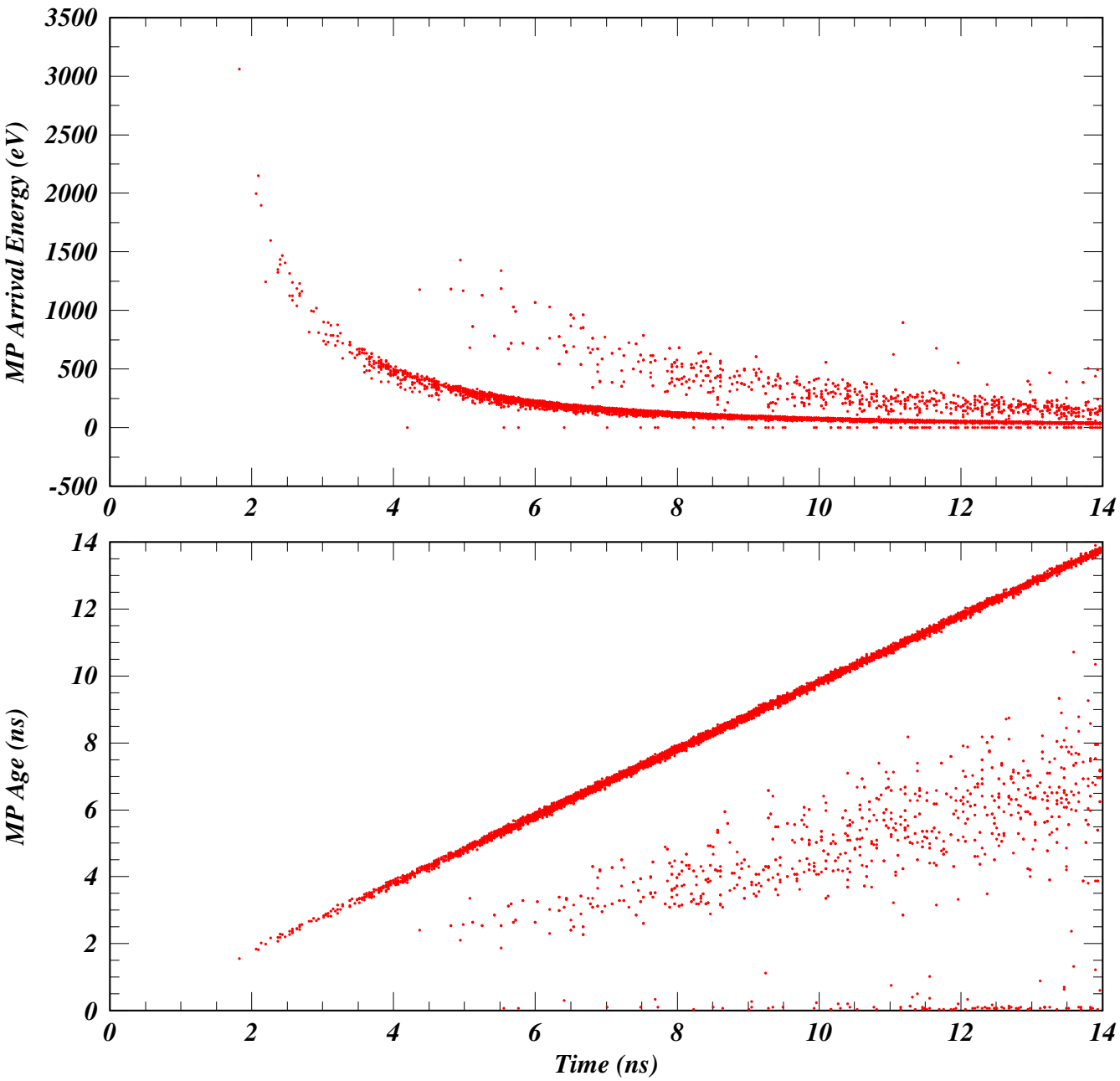
10/09/07 14.37

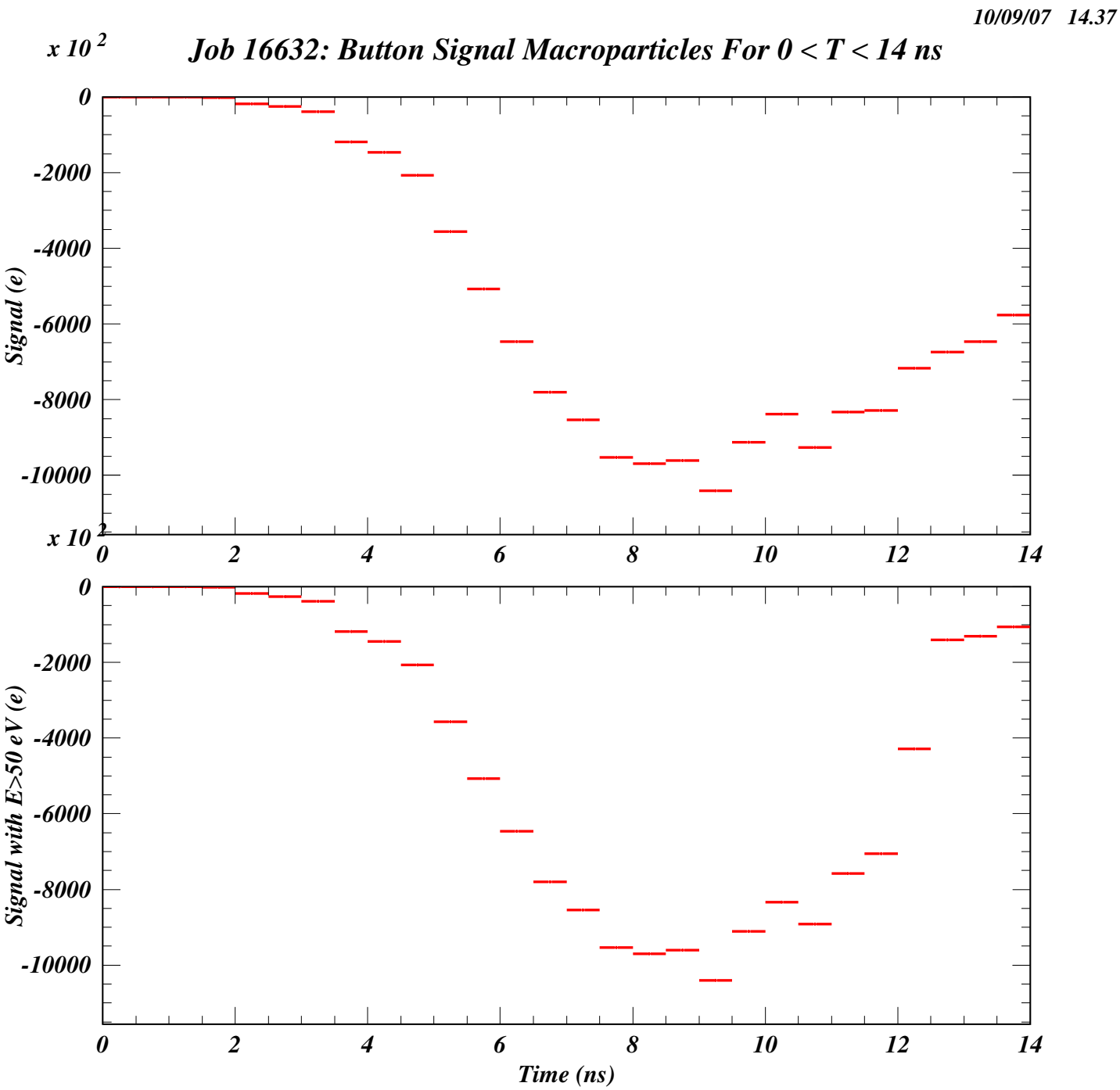
Job 16632: Button Signal Macroparticles For 0 < T < 14 ns



10/09/07 14.37

Job 16632: Button Signal Macroparticles For 0 < T < 14 ns

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x 10 2
Job 16632: Button Signal Macroparticles For 0 < T < 14 ns
0
-2000
-4000
-6000
-8000
-10000
x 10 2
Signal (e)
0
2
4
6
8
10
12
14
0
-2000
-4000
-6000
-8000
-10000
Signal with E>50 eV (e)
0
2
4
6
8
10
12
14
Time (ns)

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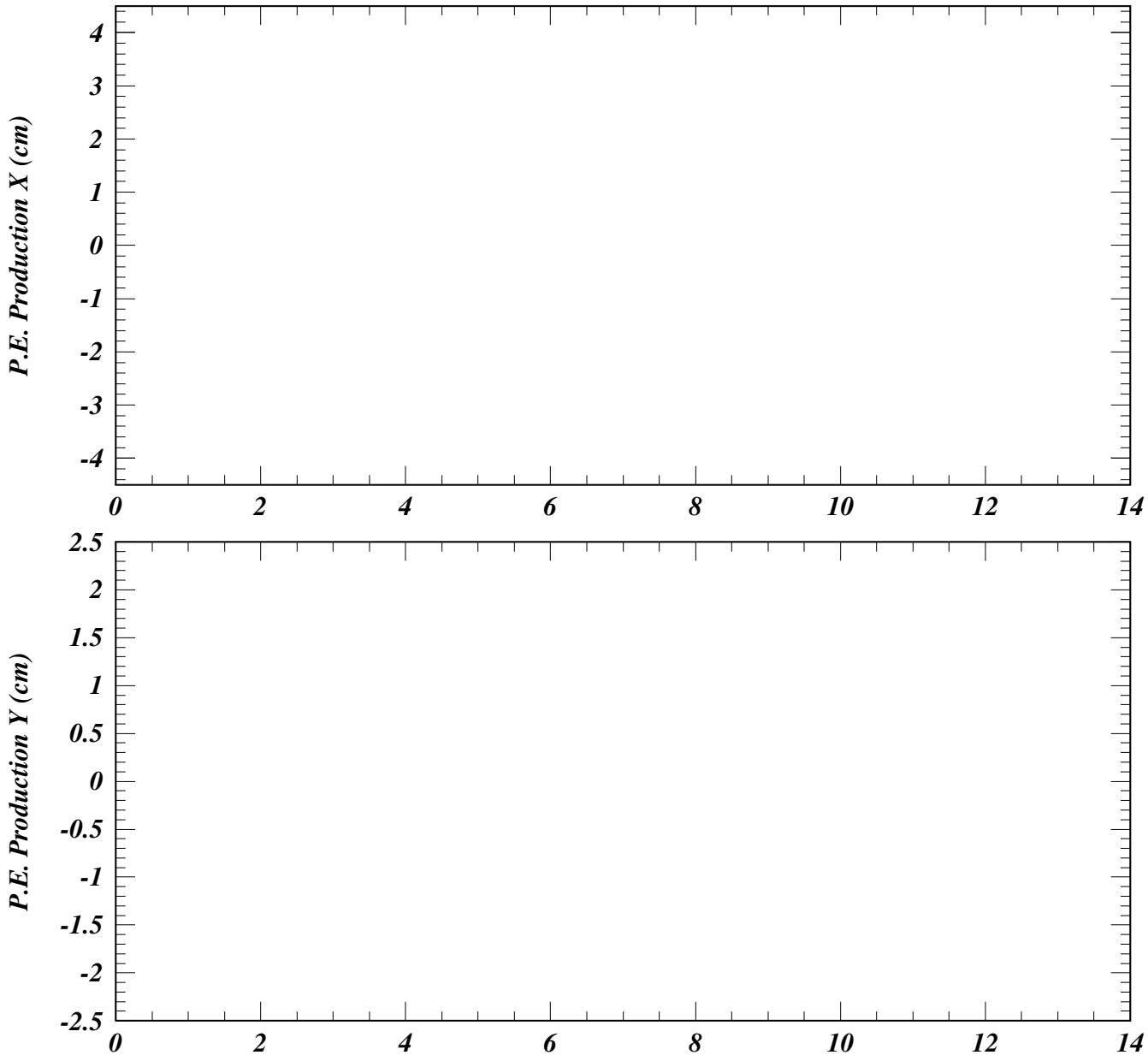
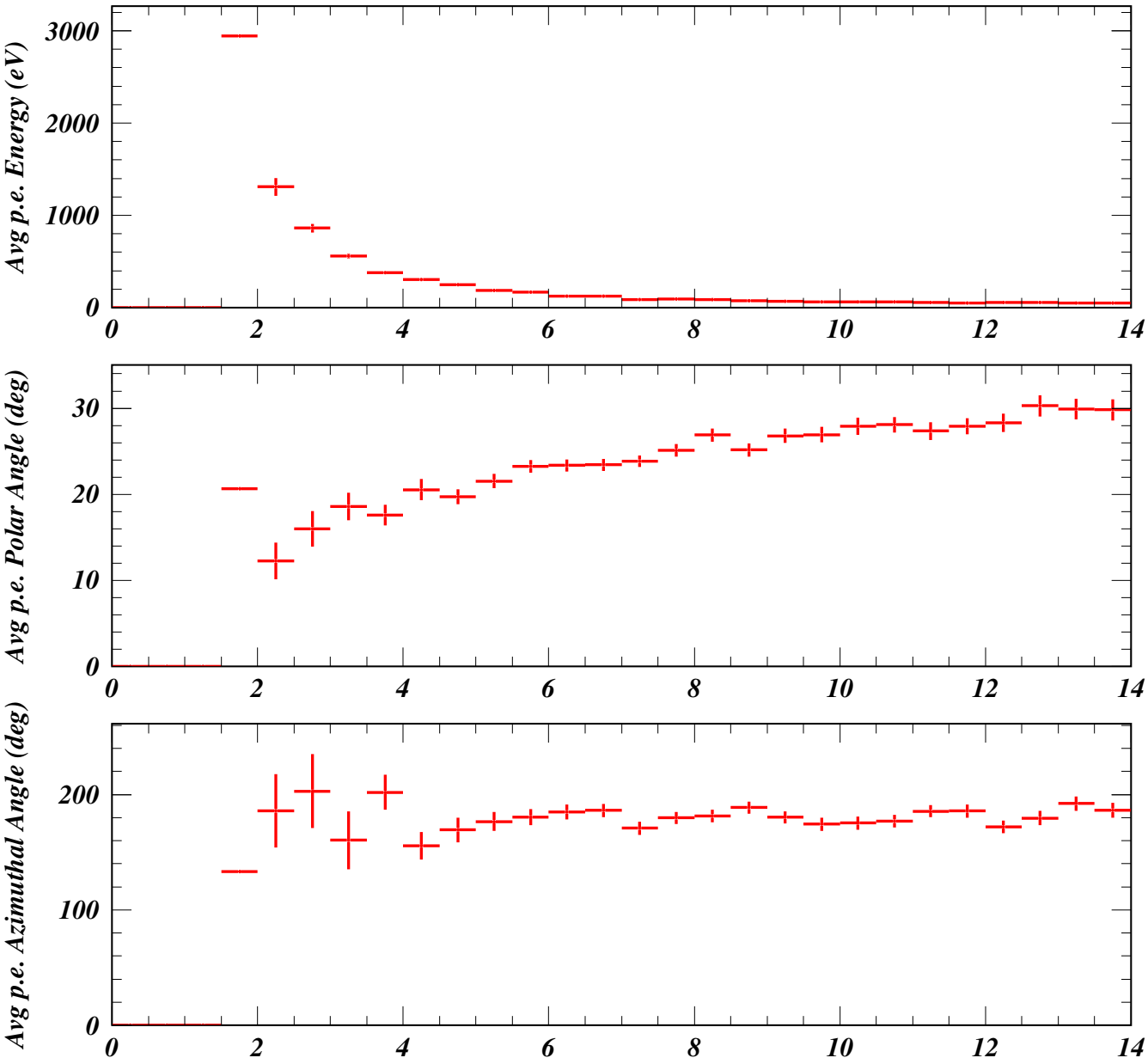
Job 16632: Button Signal Macroparticles For 0 < T < 14 ns



10/09/07 14.37

Job 16632: Button Signal Macroparticles For 0 < T < 14 ns



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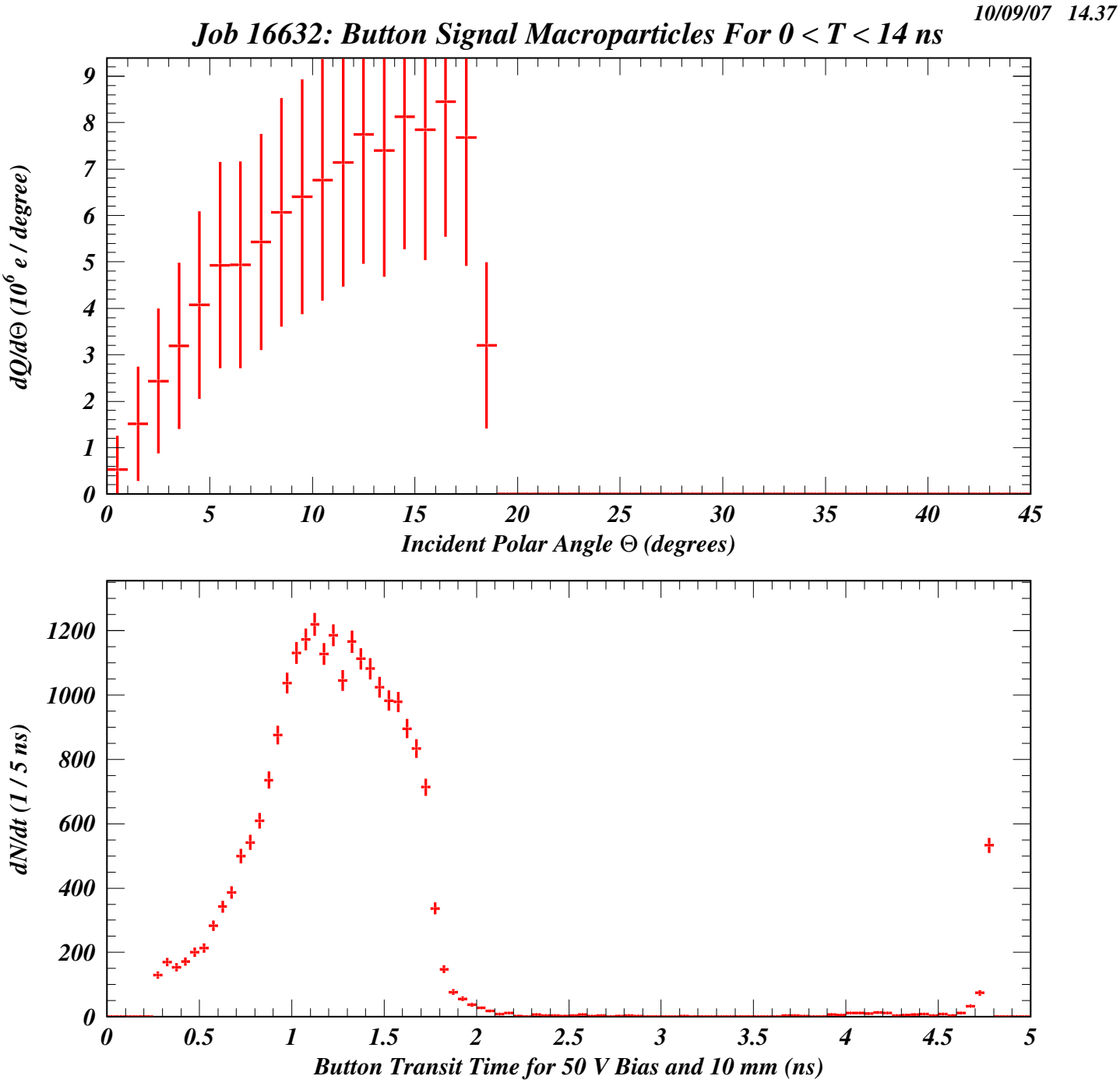
Job 16632: Button Signal Macroparticles For 0 < T < 14 ns
dQ/dΘ (10^6 e / degree)
Incident Polar Angle Θ (degrees)
dN/dt (1 / 5 ns)
Button Transit Time for 50 V Bias and 10 mm (ns)