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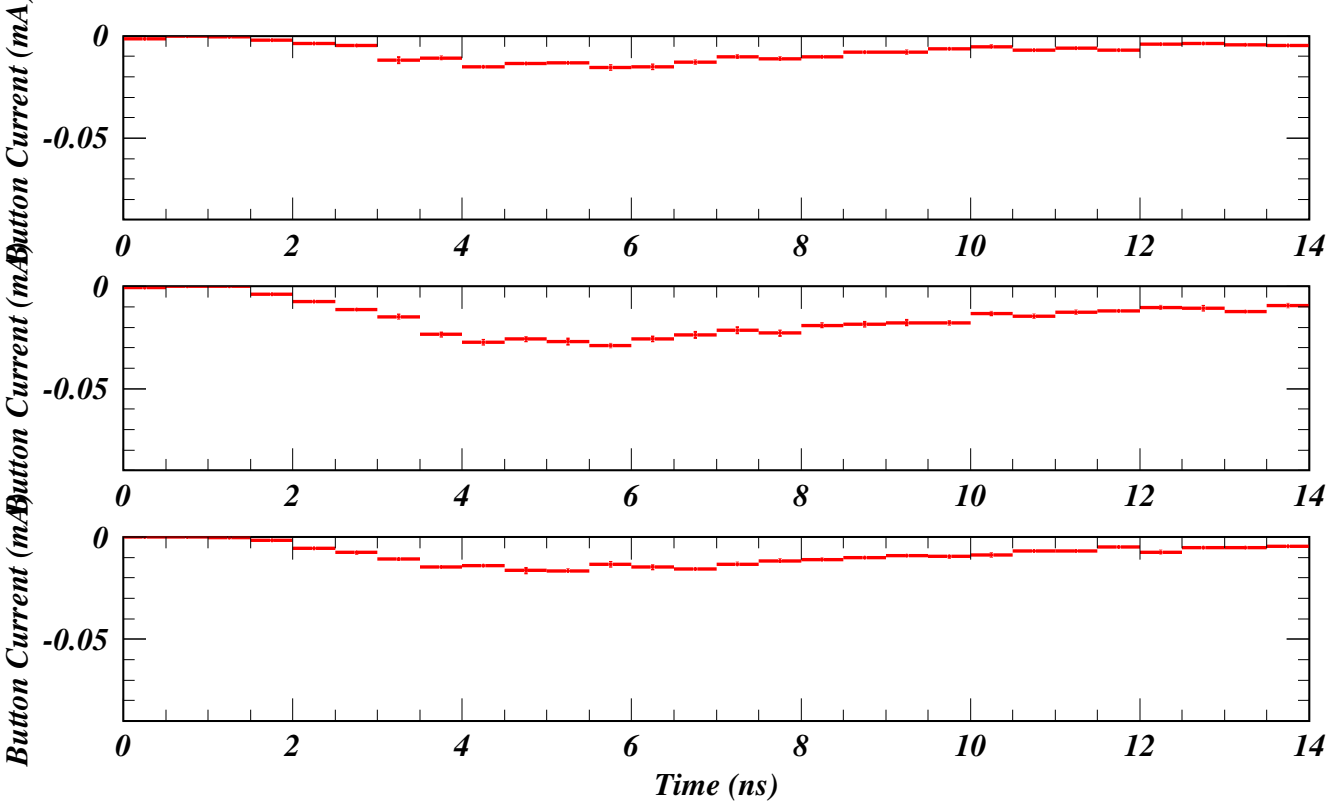
# Job 16635: Shielded Button Simulation



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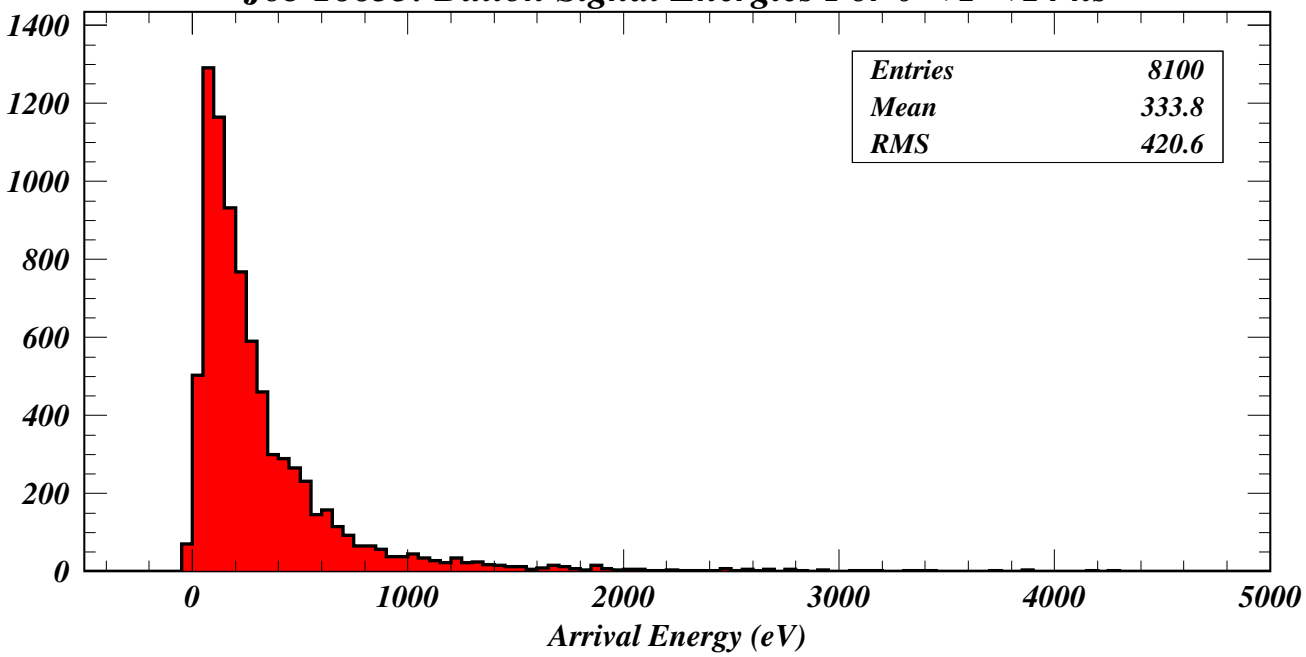
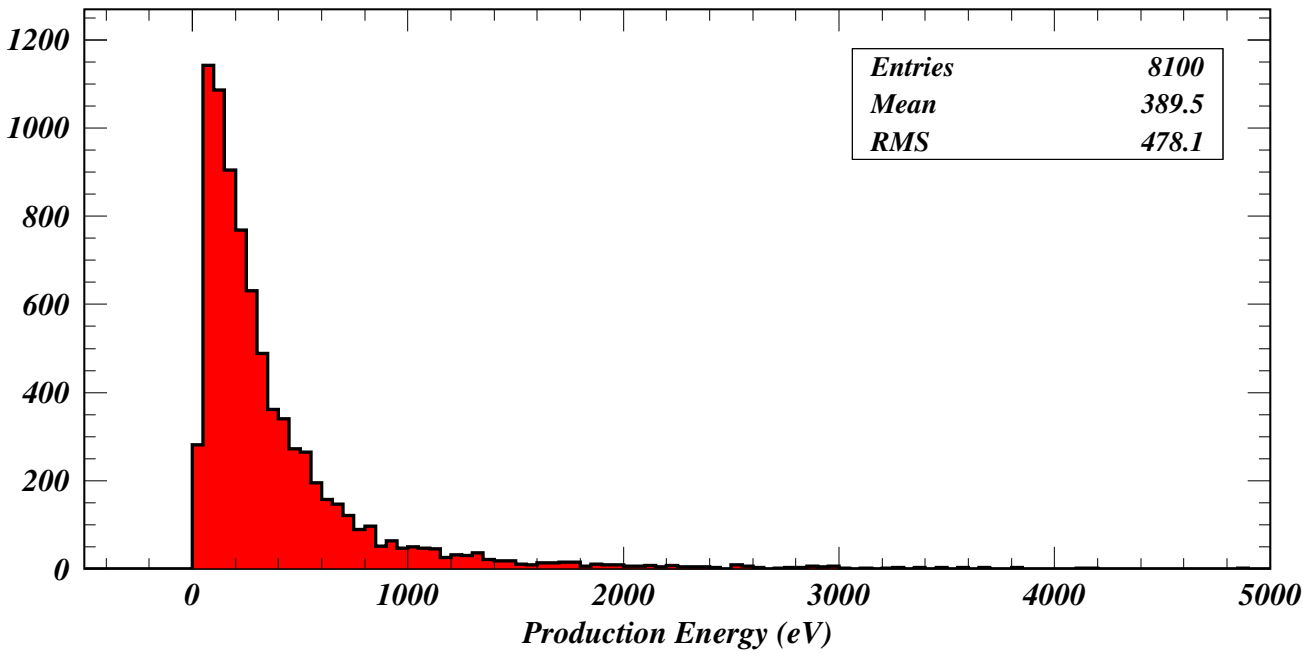
## Job 16635: Button Signal Energies For 0 < T < 14 ns



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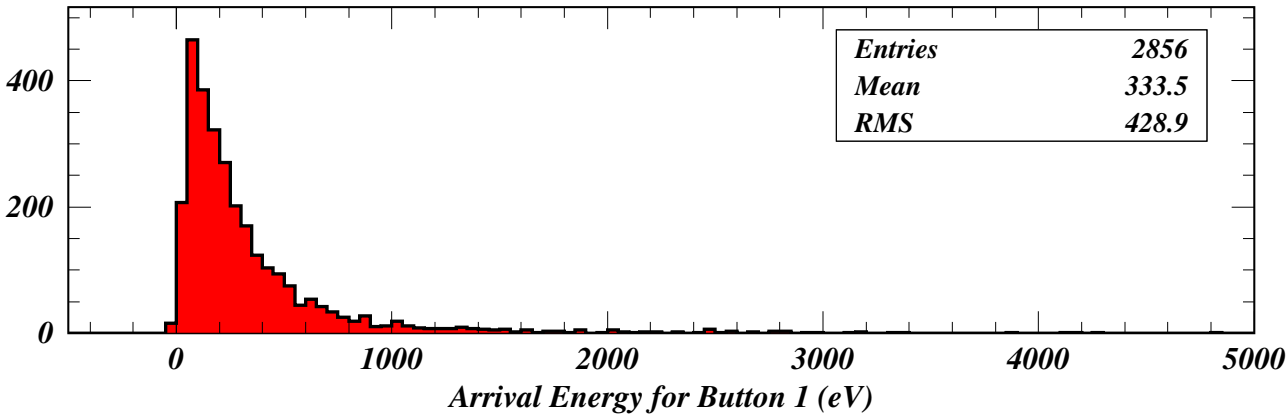
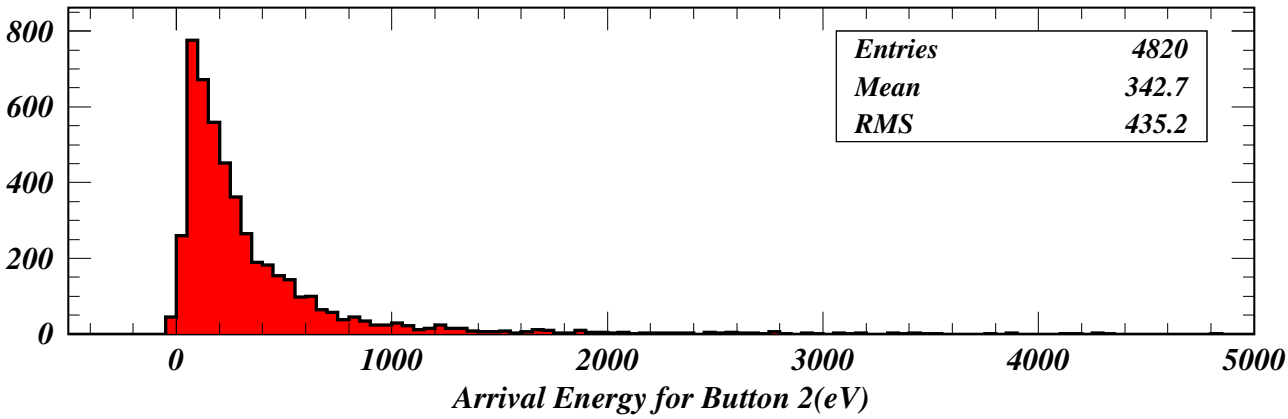
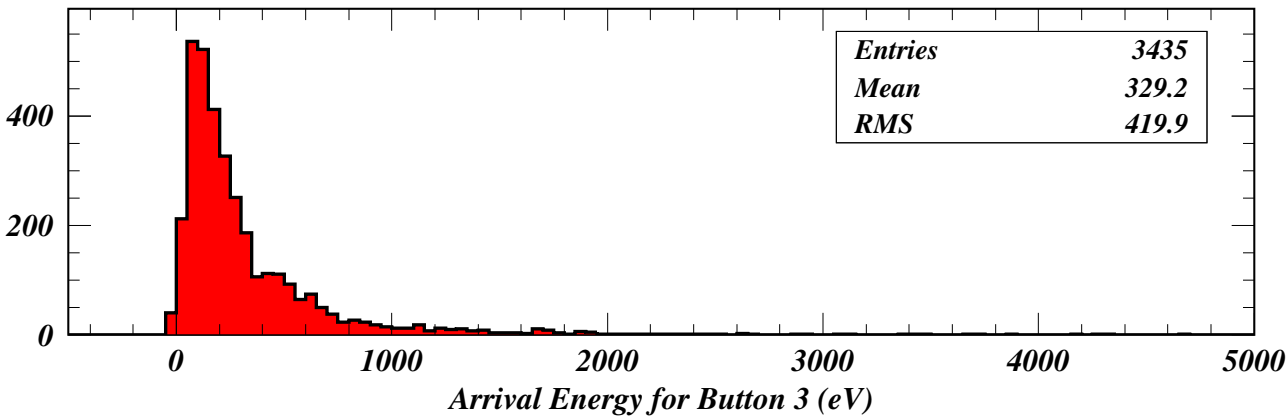
# Job 16635: Button Signal Energies For 0 < T < 14 ns



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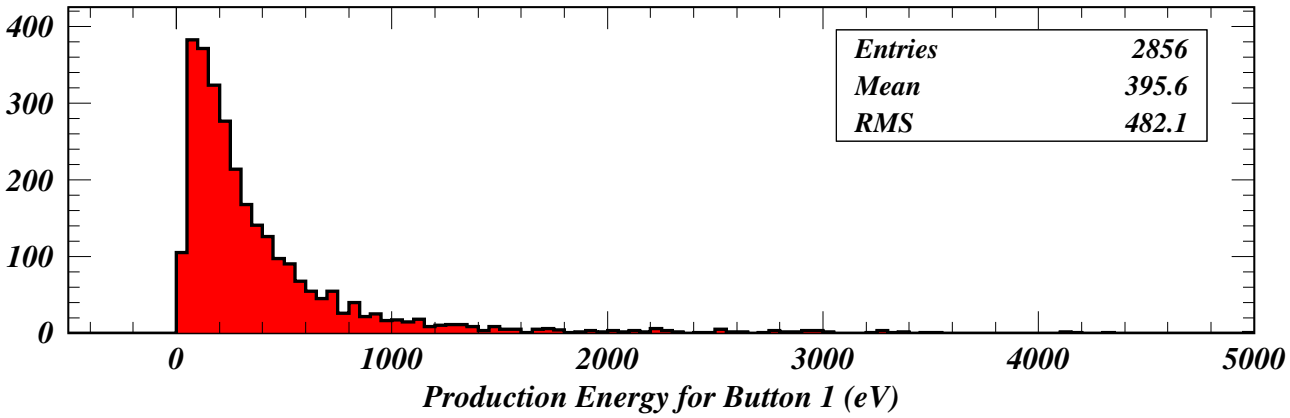
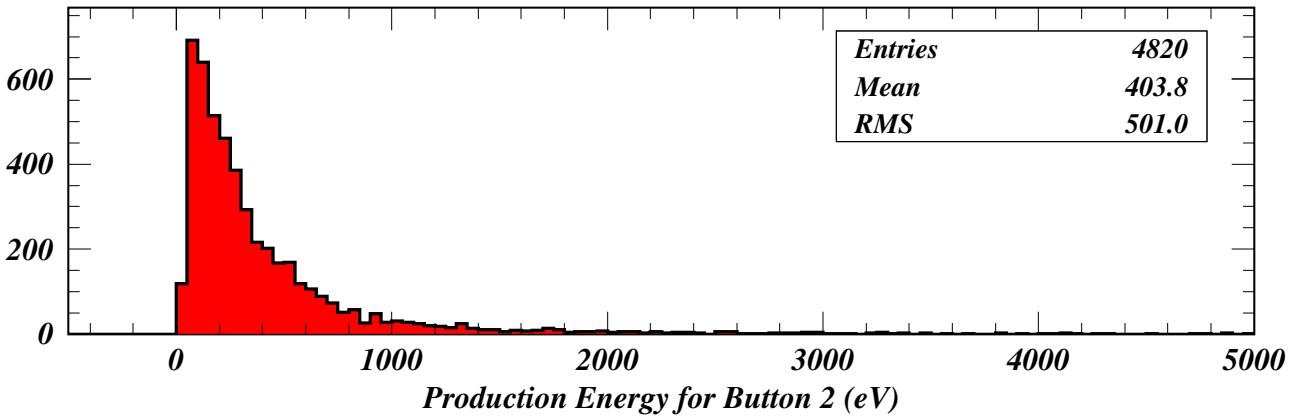
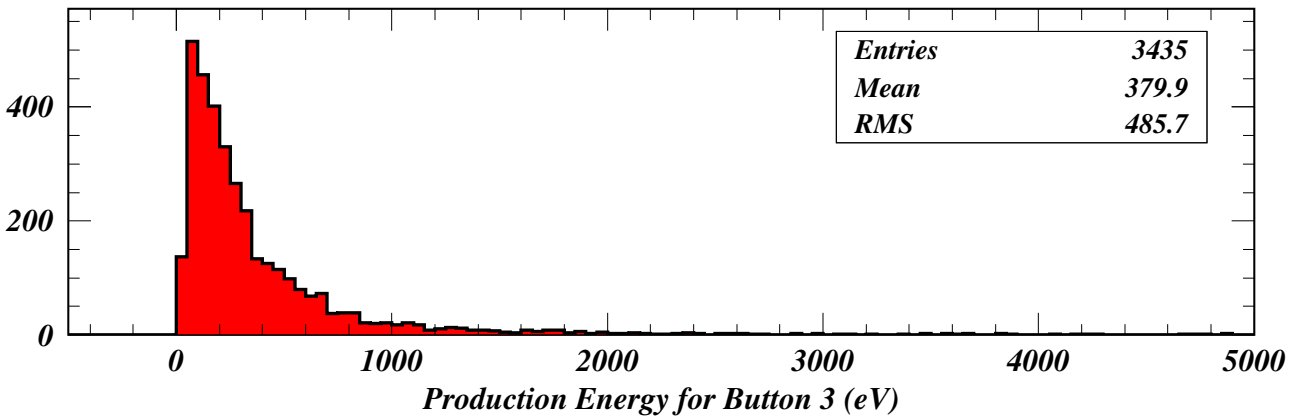
# Job 16635: Button Signal Energies For 0 < T < 14 ns



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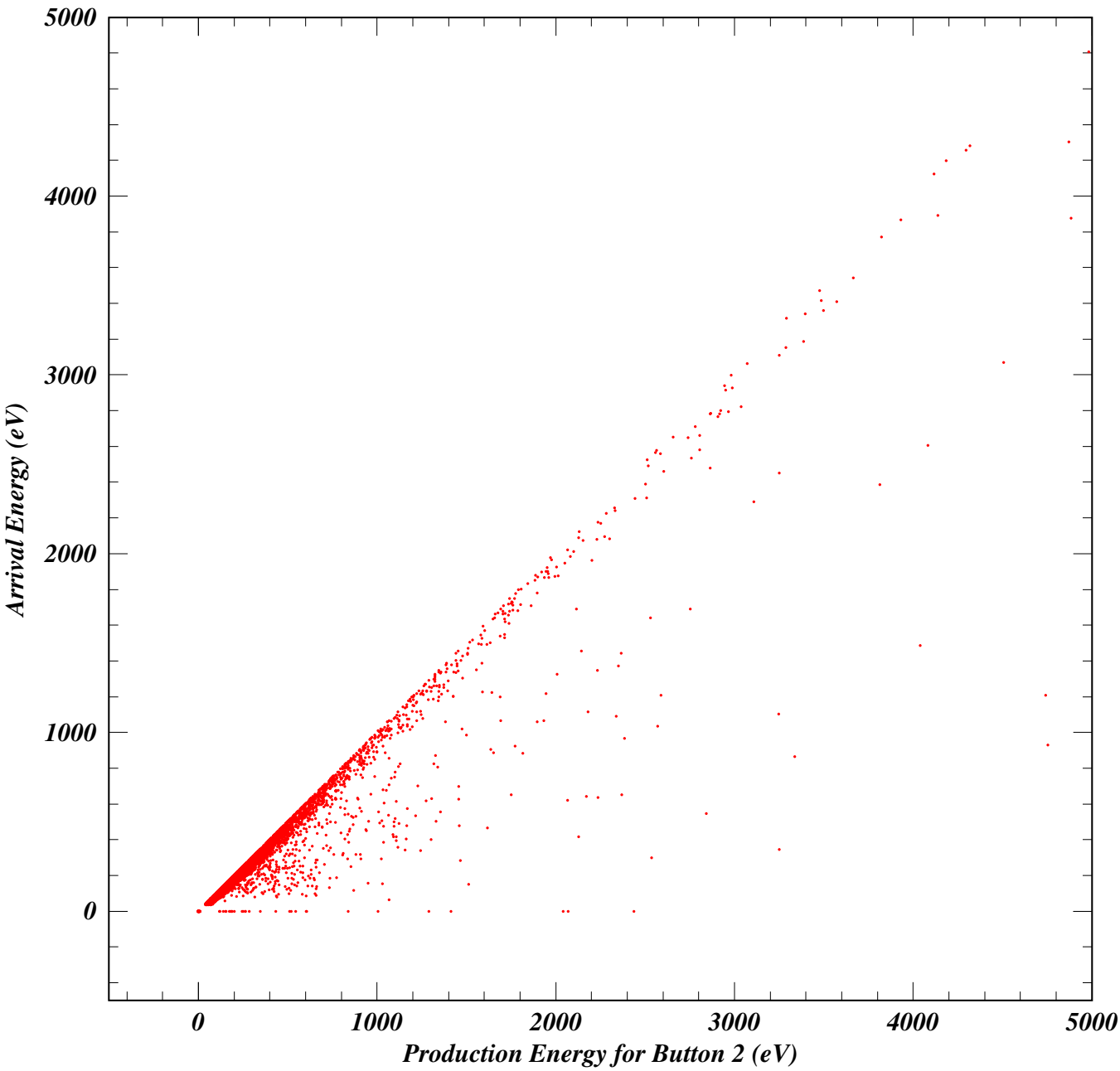
# Job 16635: Button Signal Energies For 0 < T < 14 ns



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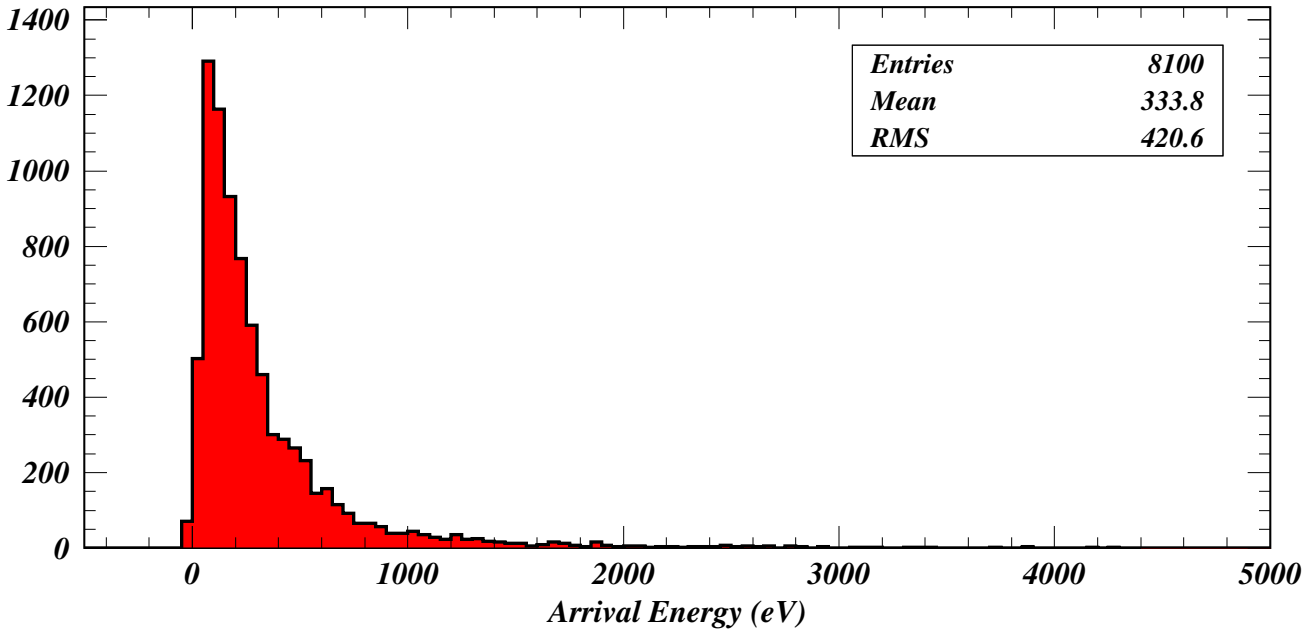
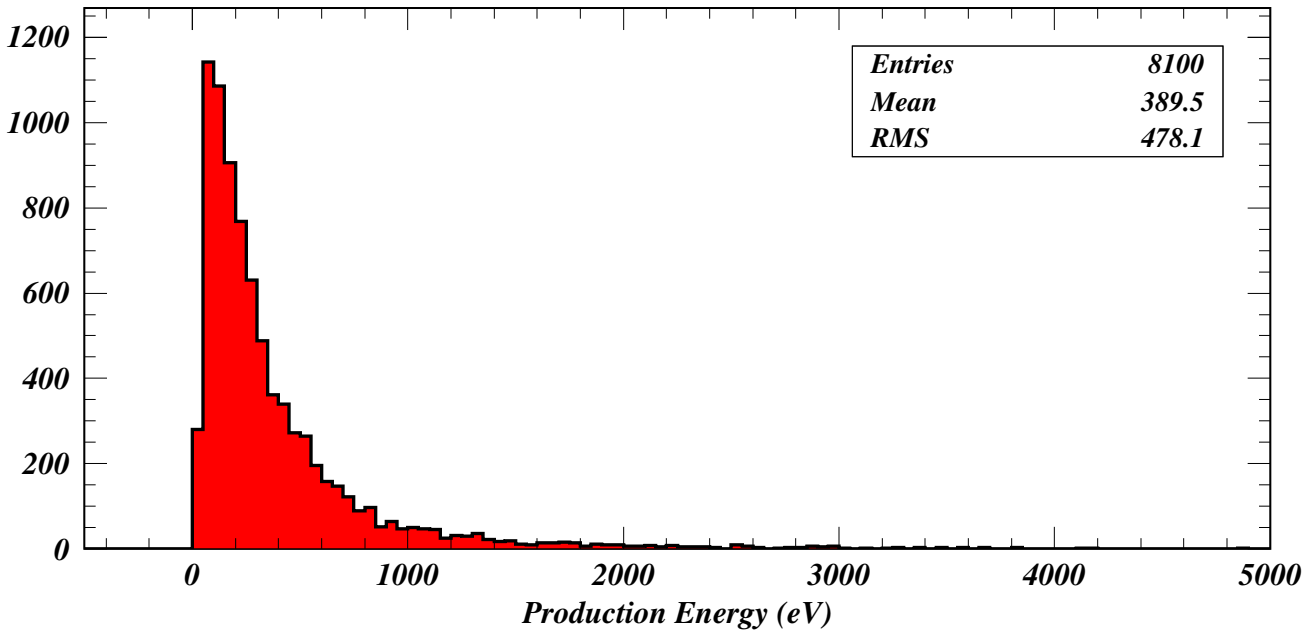
# Job 16635: Button Signal Energies For 0 < T < 14 ns: Primaries Only



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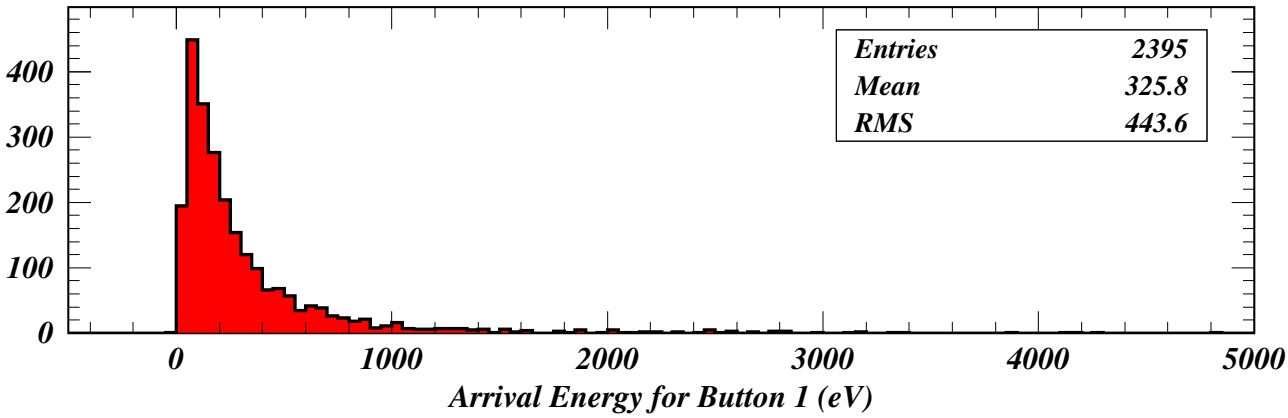
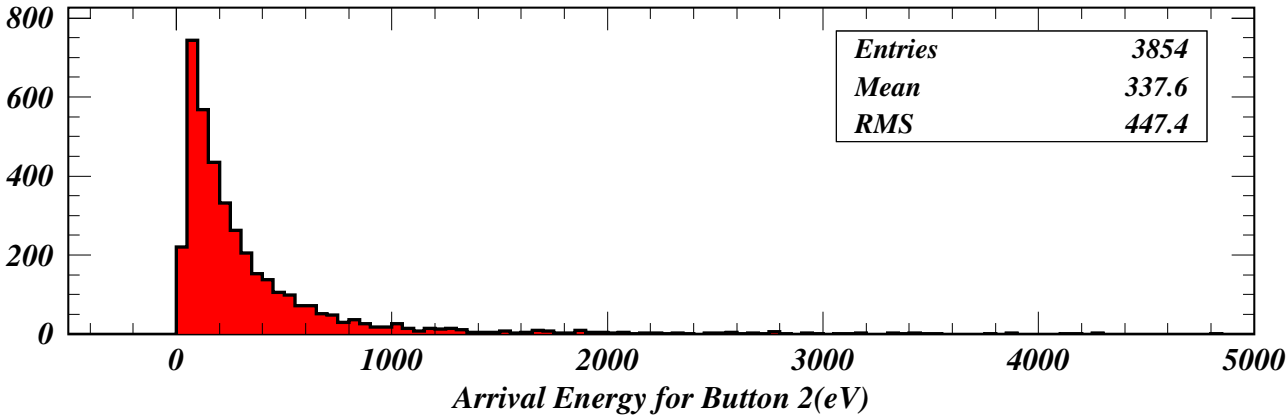
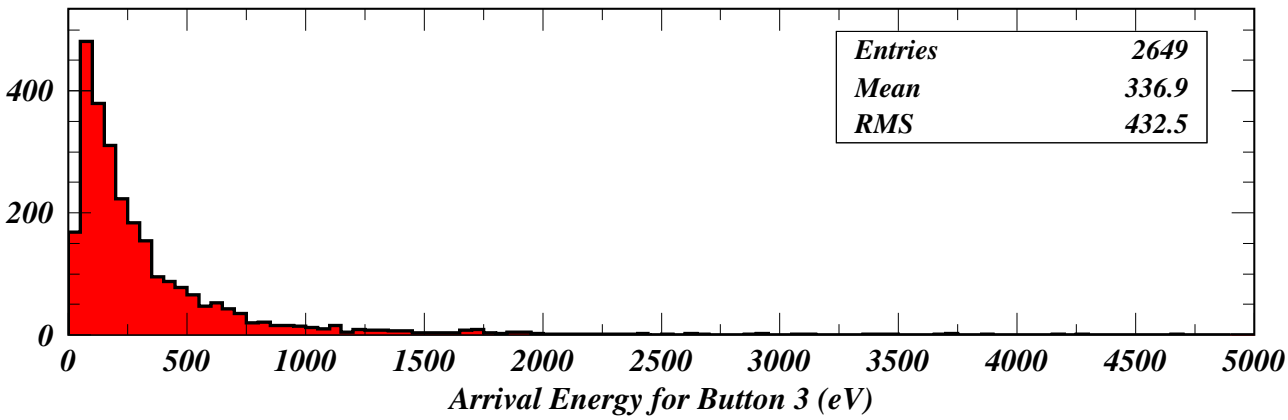
# Job 16635: Button Signal Energies For 0 < T < 14 ns: Primaries Only



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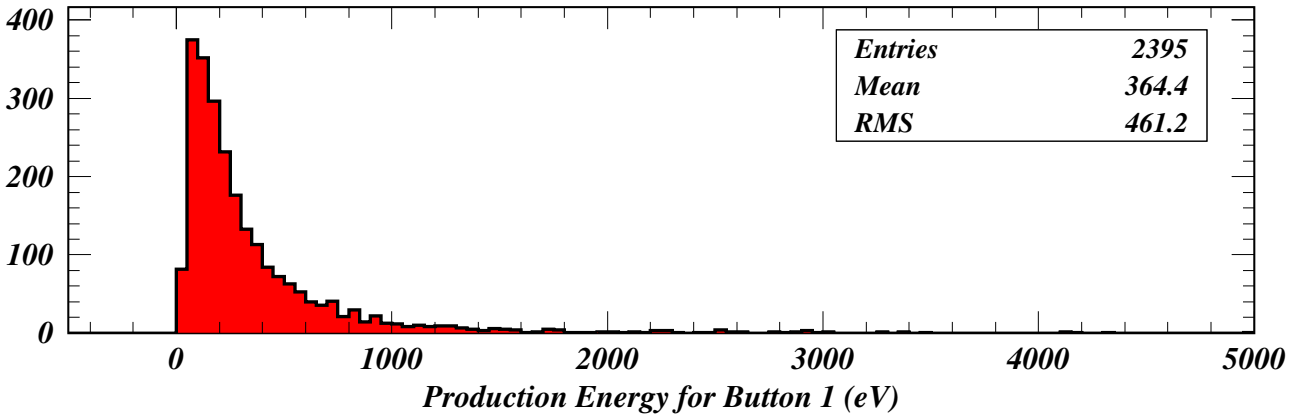
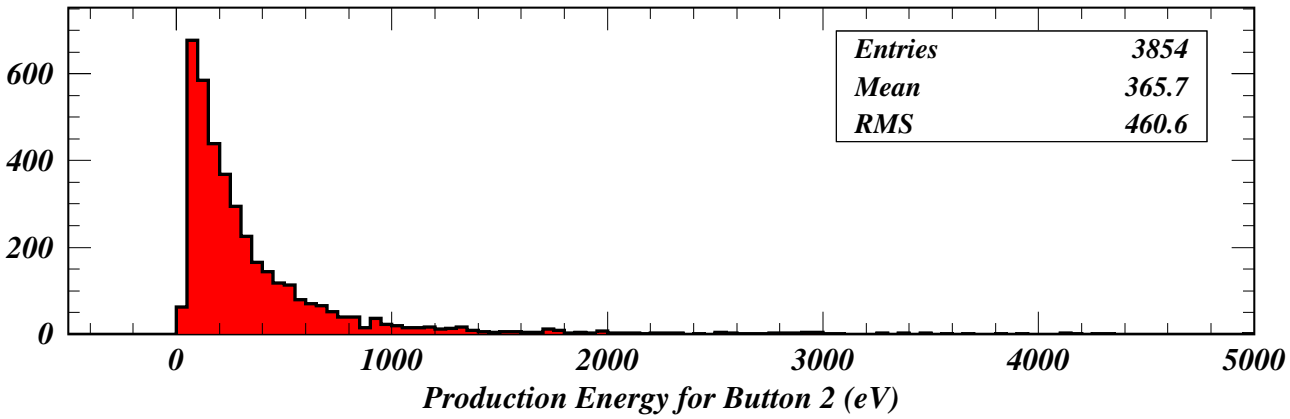
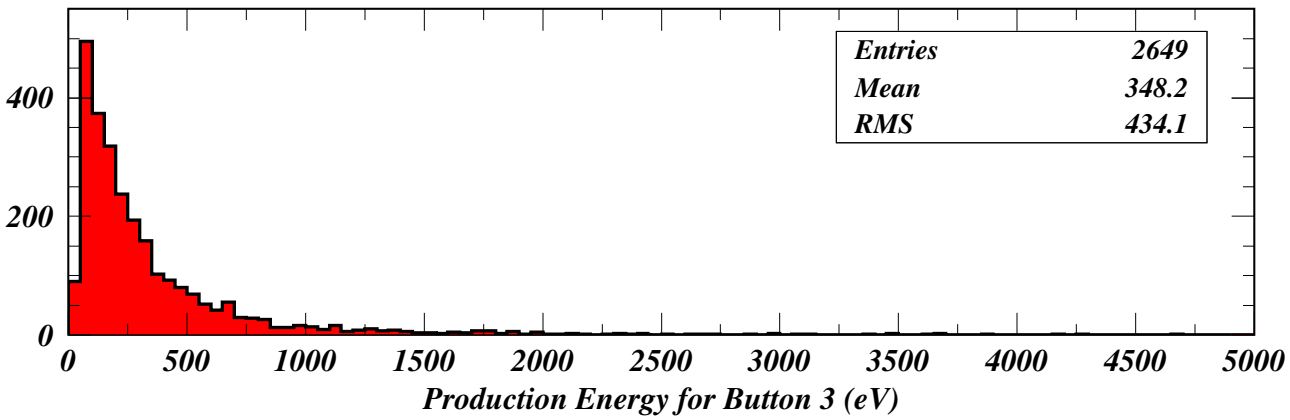
# Job 16635: Button Signal Energies For 0 < T < 14 ns: Primaries Only



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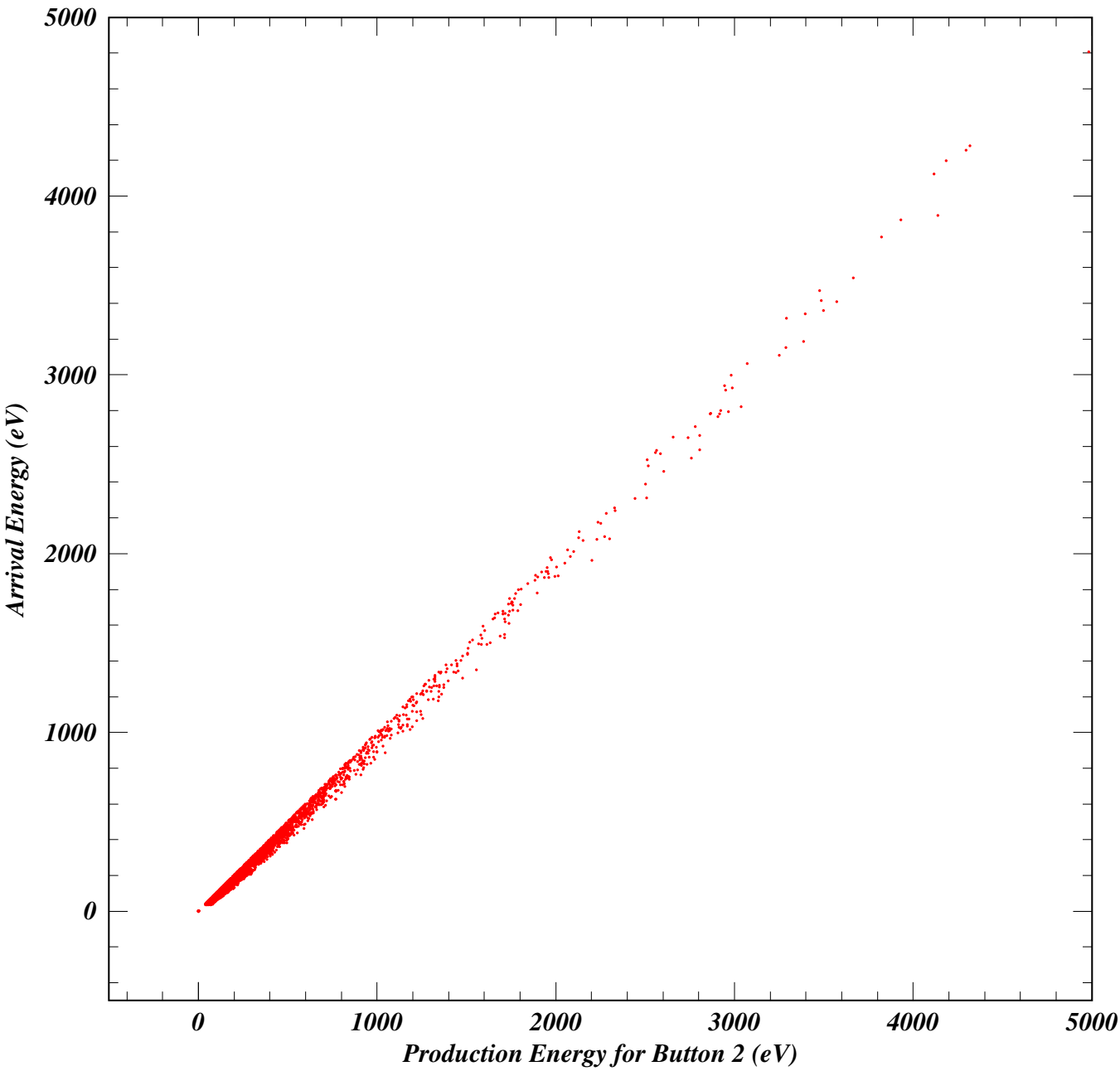
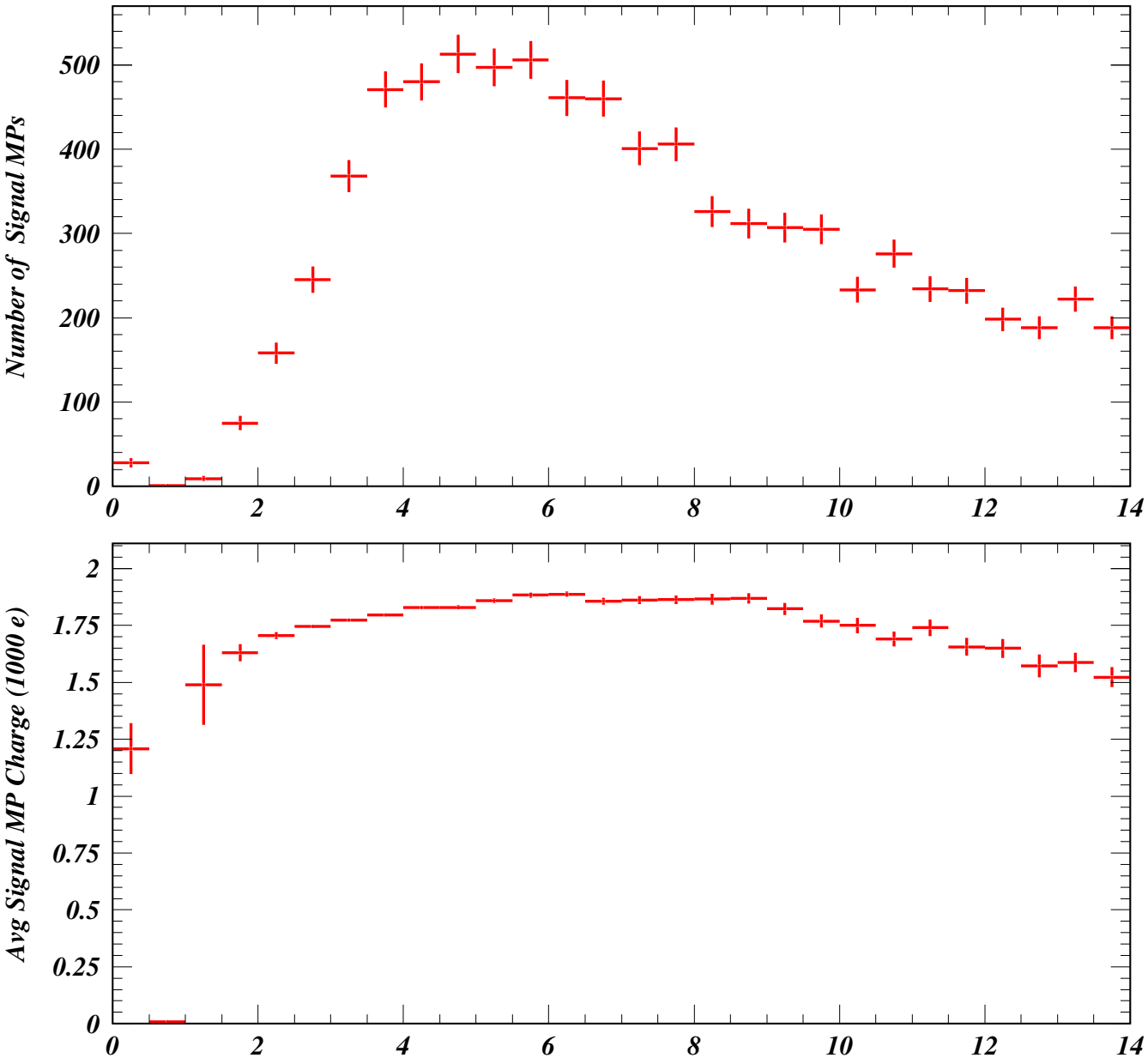
# Job 16635: Button Signal Energies For 0 < T < 14 ns: Primaries Only



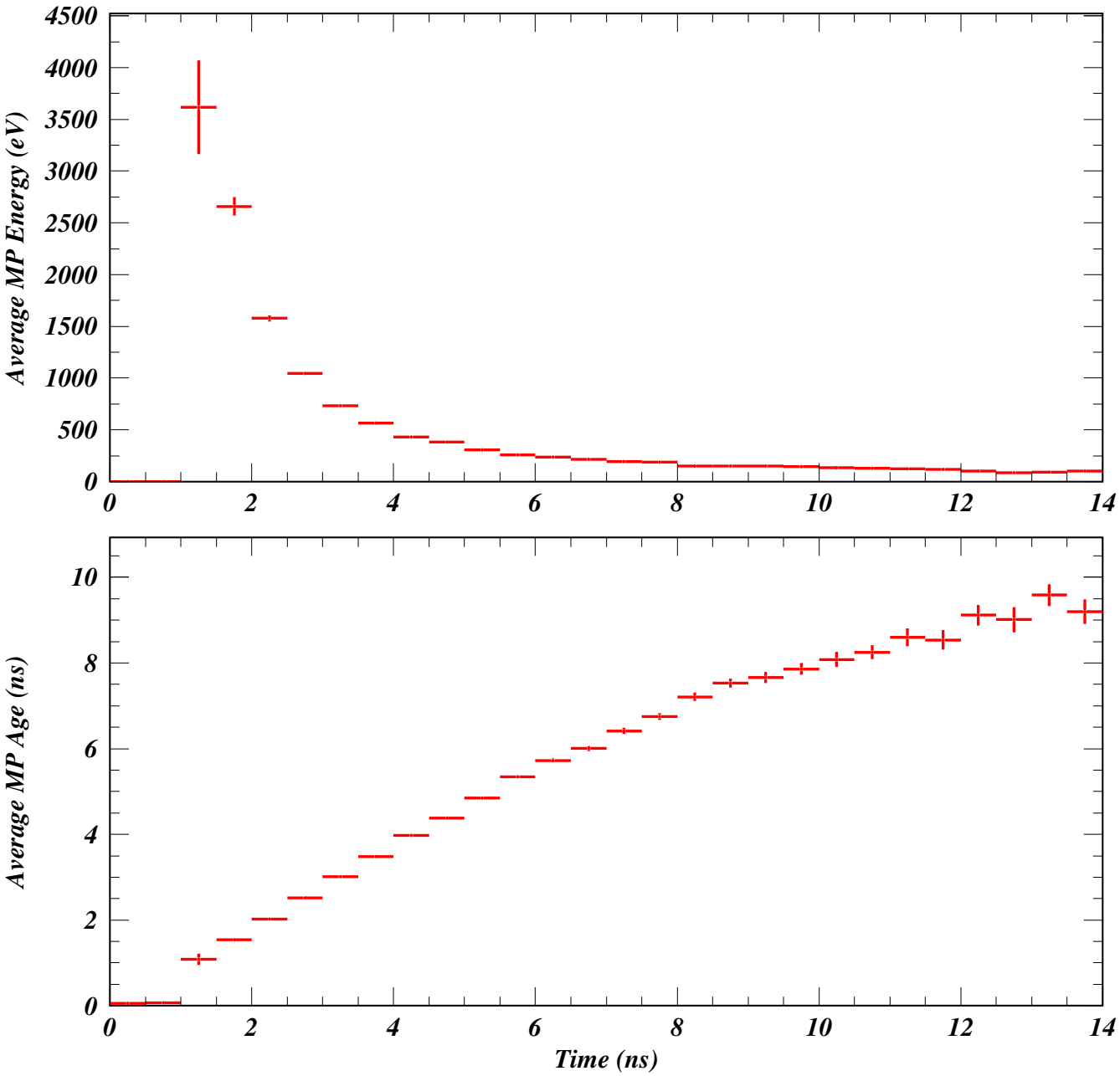
10/08/02 13.56

# Job 16635: Button Signal Macroparticles For 0 < T < 14 ns



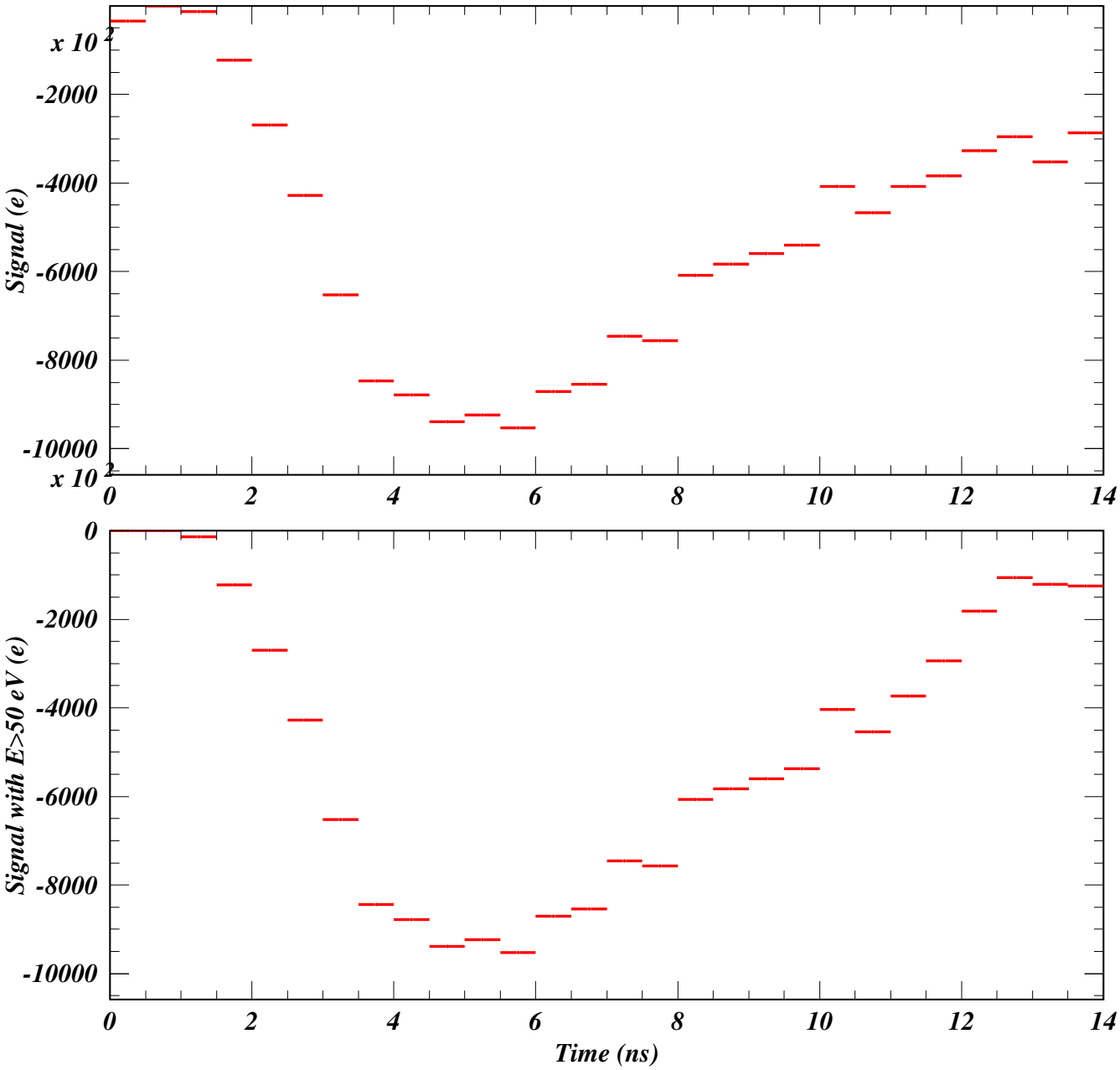
10/08/02 13.56

# Job 16635: Button Signal Macroparticles For 0 < T < 14 ns



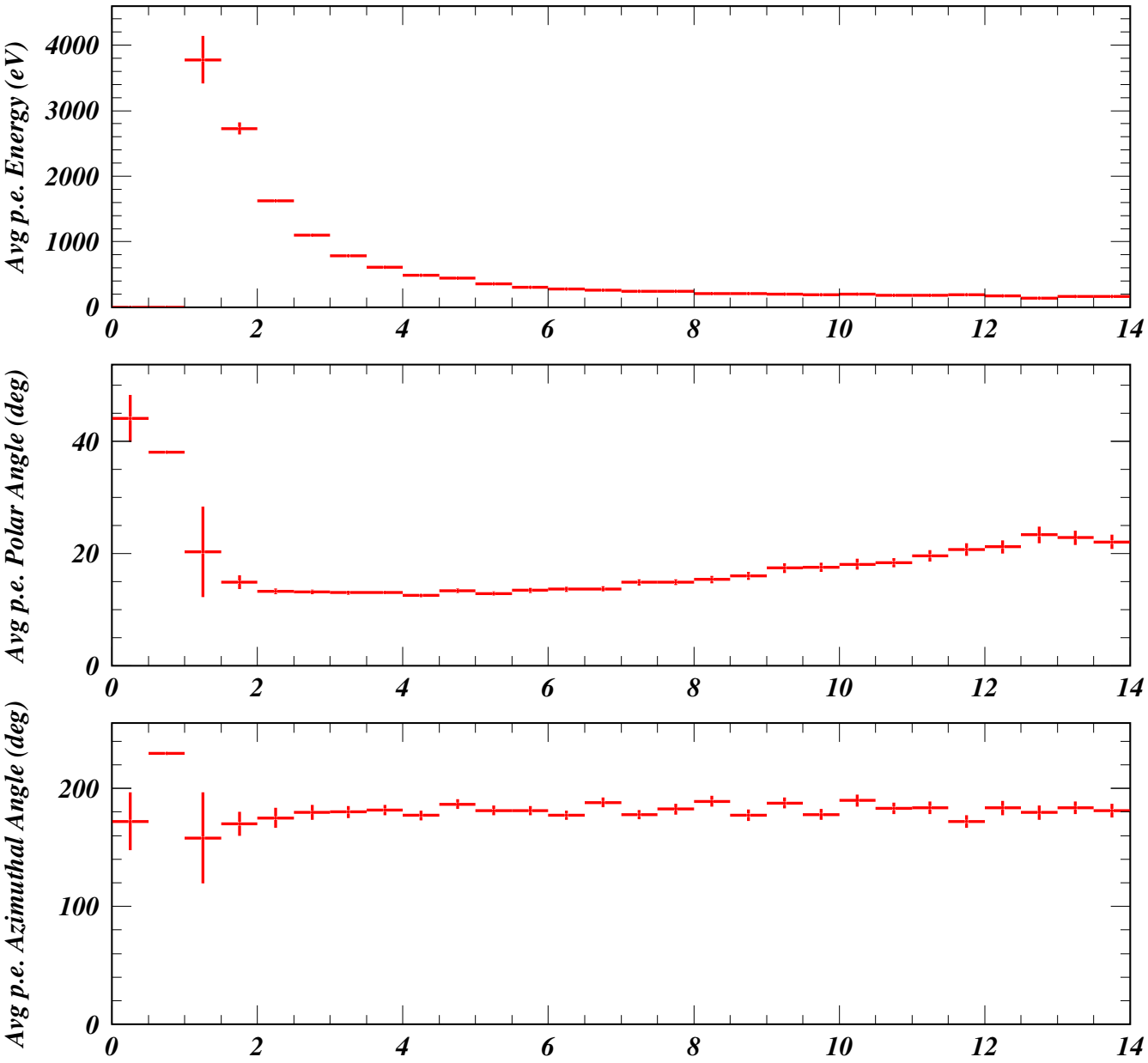
10/08/02 13.56

# Job 16635: Button Signal Macroparticles For 0 < T < 14 ns

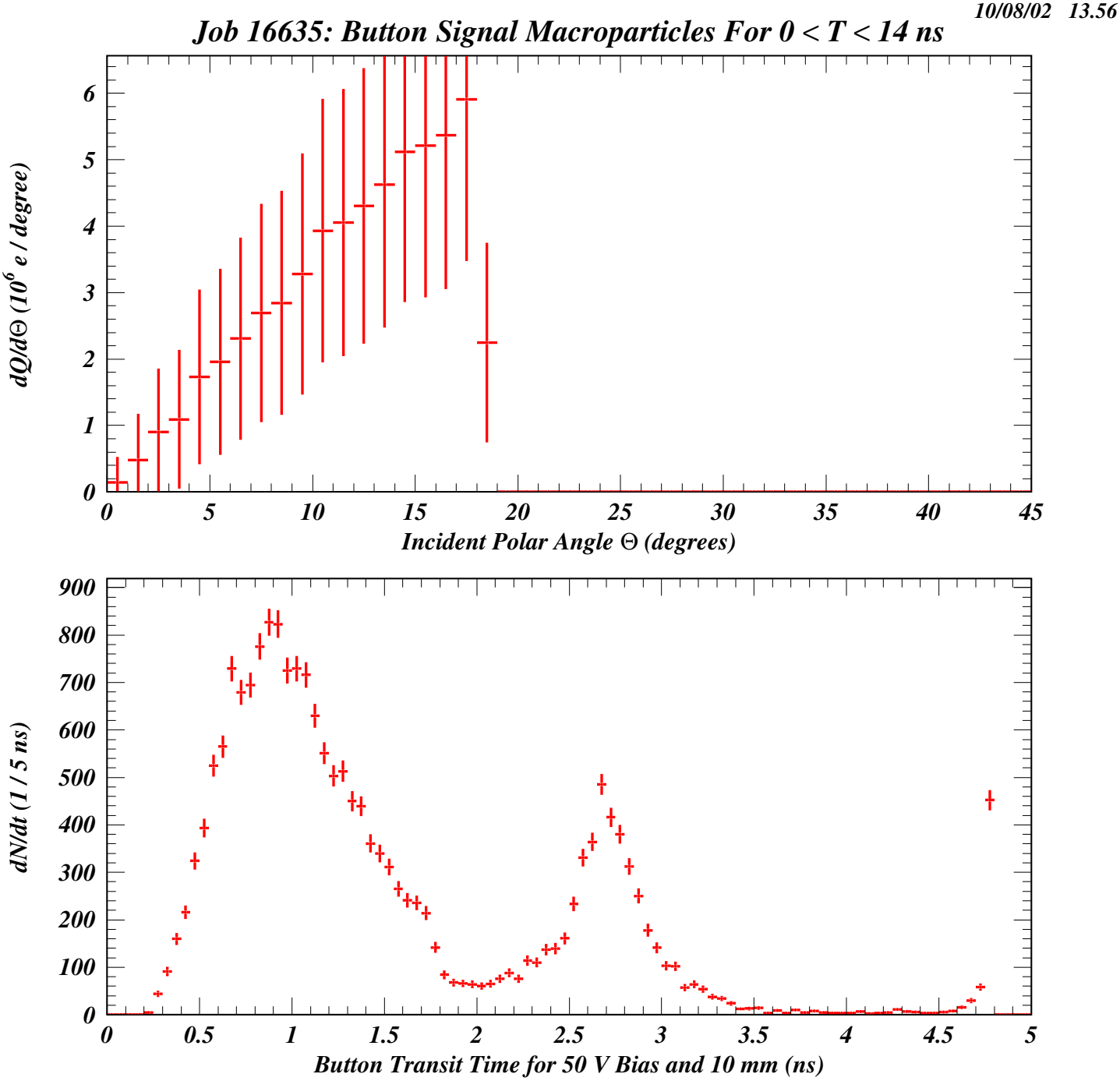


10/08/02 13.56

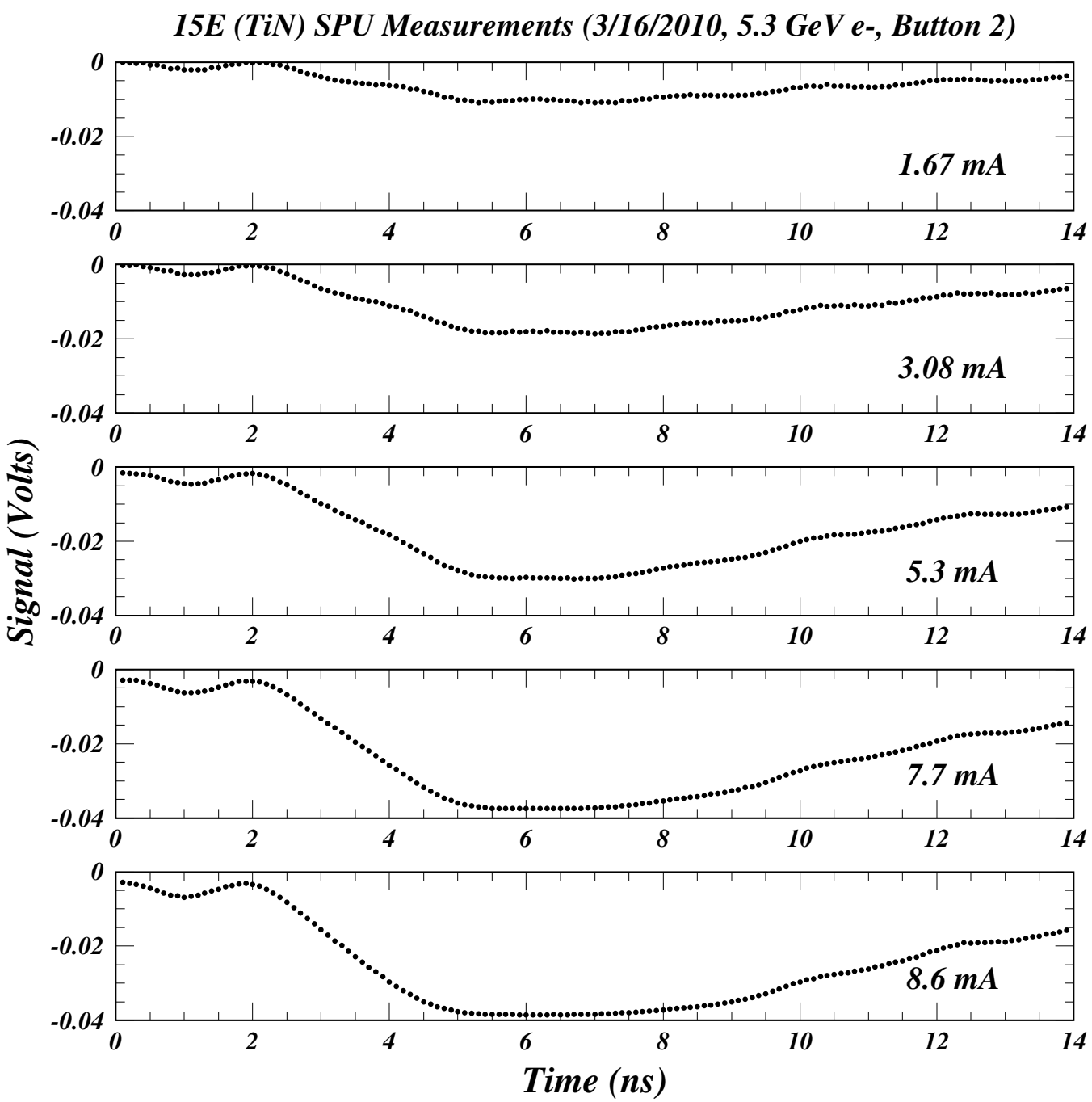
# Job 16635: Button Signal Macroparticles For 0 < T < 14 ns



10/08/02 13.56


Job 16635: Button Signal Macroparticles For 0 < T < 14 ns
dQ/dΘ (10^6 e / degree)
0
1
2
3
4
5
6
0
5
10
15
20
25
30
35
40
45
Incident Polar Angle Θ (degrees)
dN/dt (1 / 5 ns)
0
100
200
300
400
500
600
700
800
900
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Button Transit Time for 50 V Bias and 10 mm (ns)

10/08/02 13.56


15E (TiN) SPU Measurements (3/16/2010, 5.3 GeV e-, Button 2)
Signal (Volts)
Time (ns)
1.67 mA
3.08 mA
5.3 mA
7.7 mA
8.6 mA
0
-0.02
-0.04
0
2
4
6
8
10
12
14