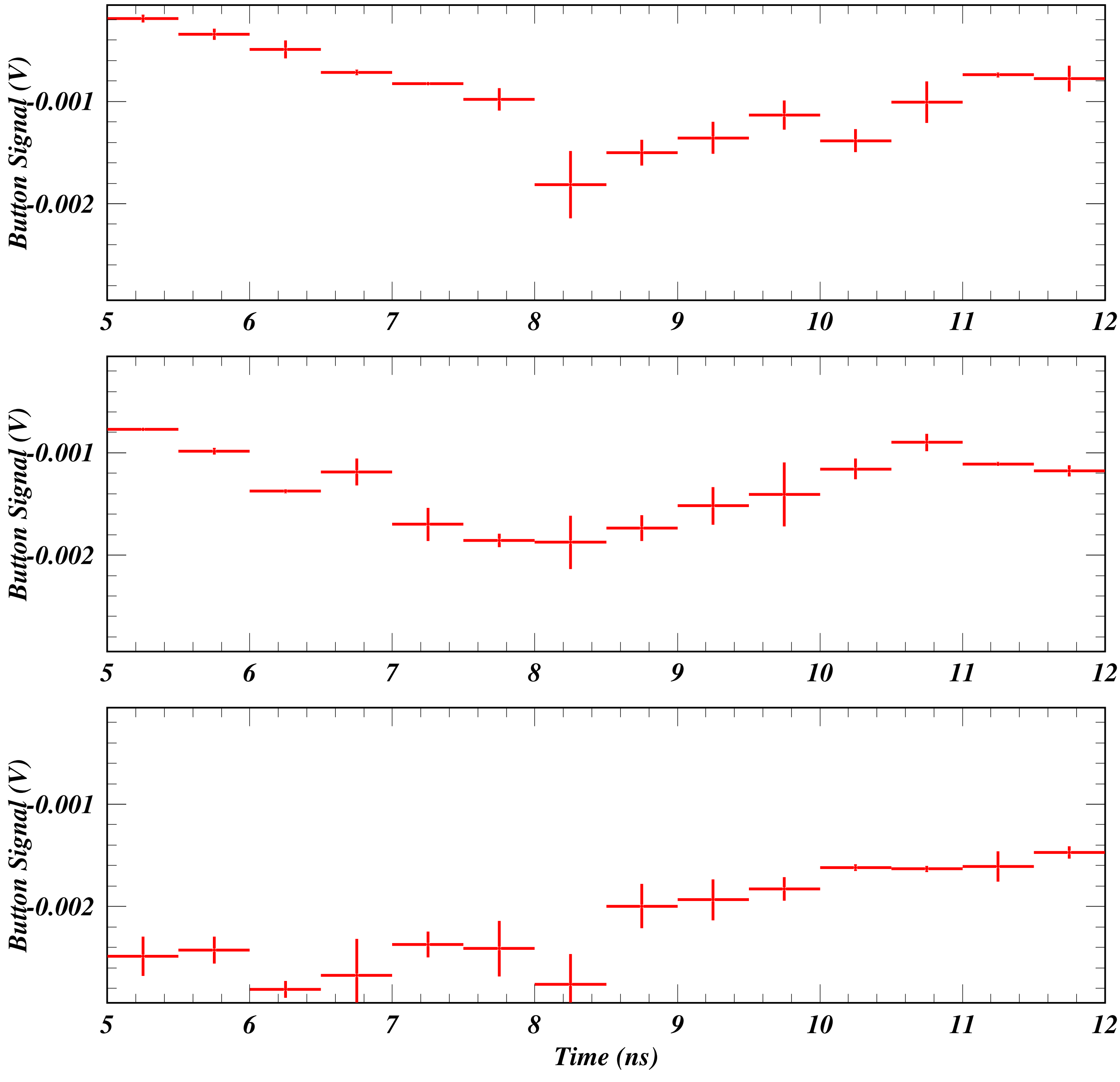
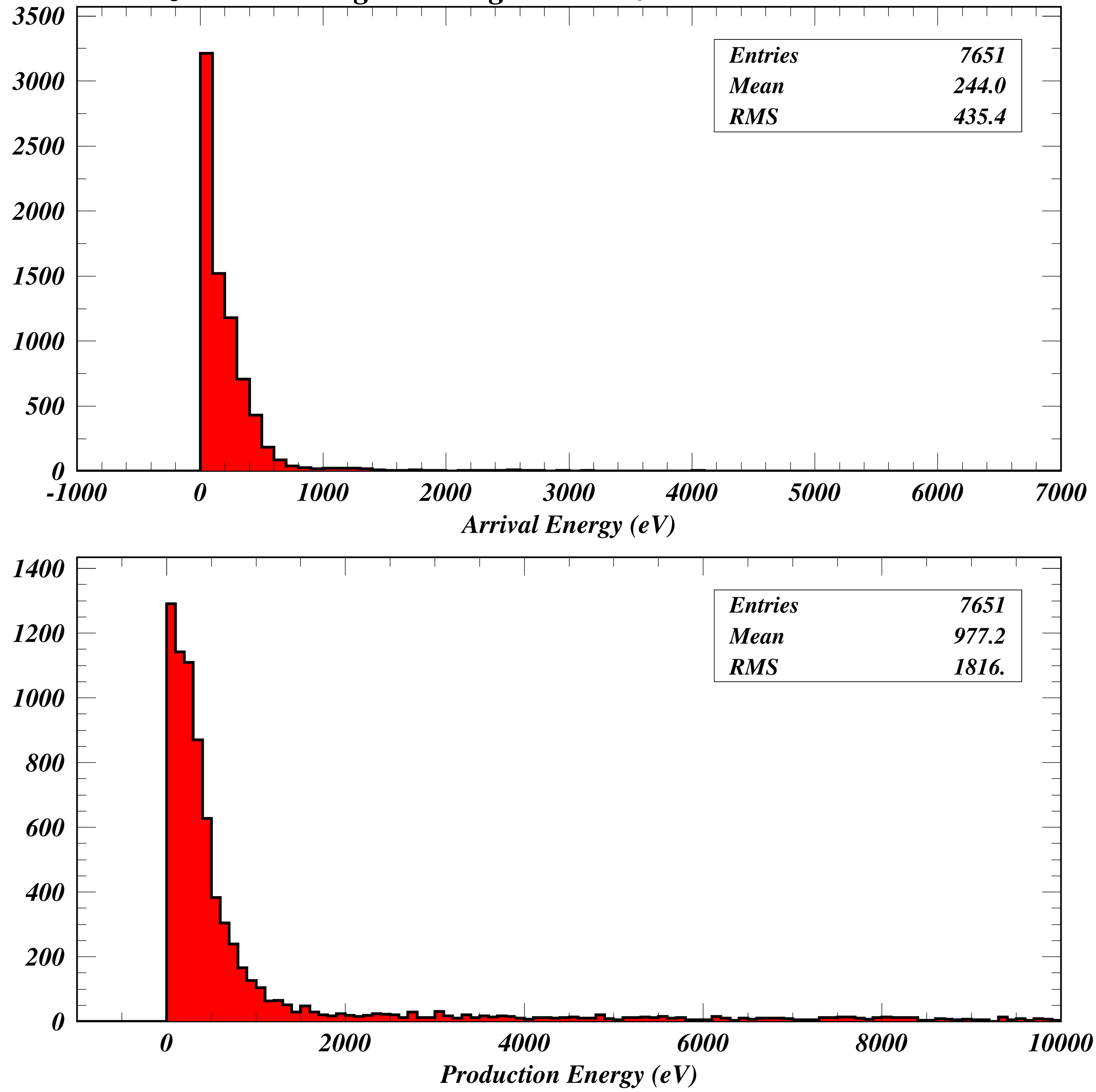
12/07/19 13.22

Job 32675: Shielded Button Simulation



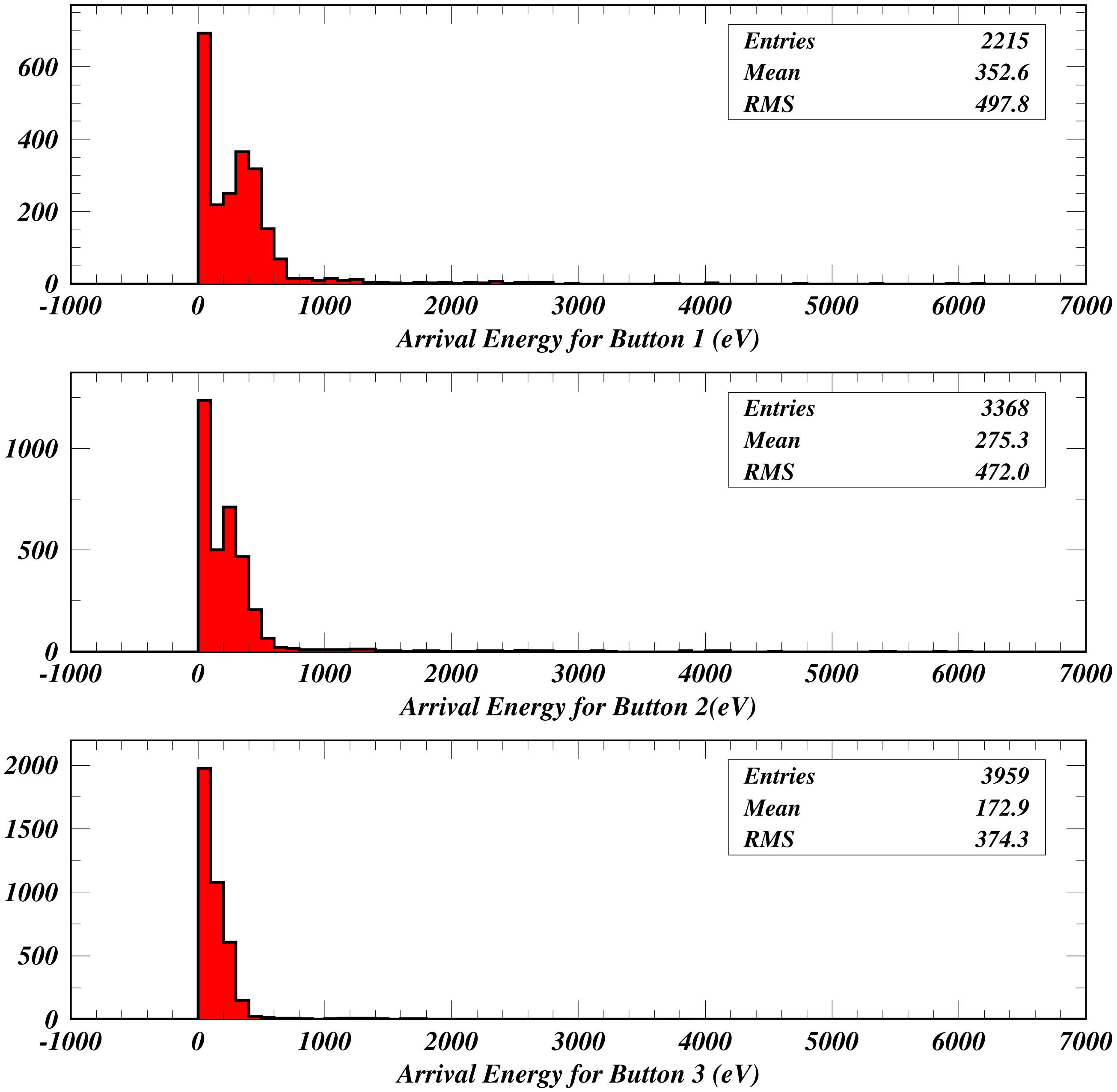
12/07/19 13.22

Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns



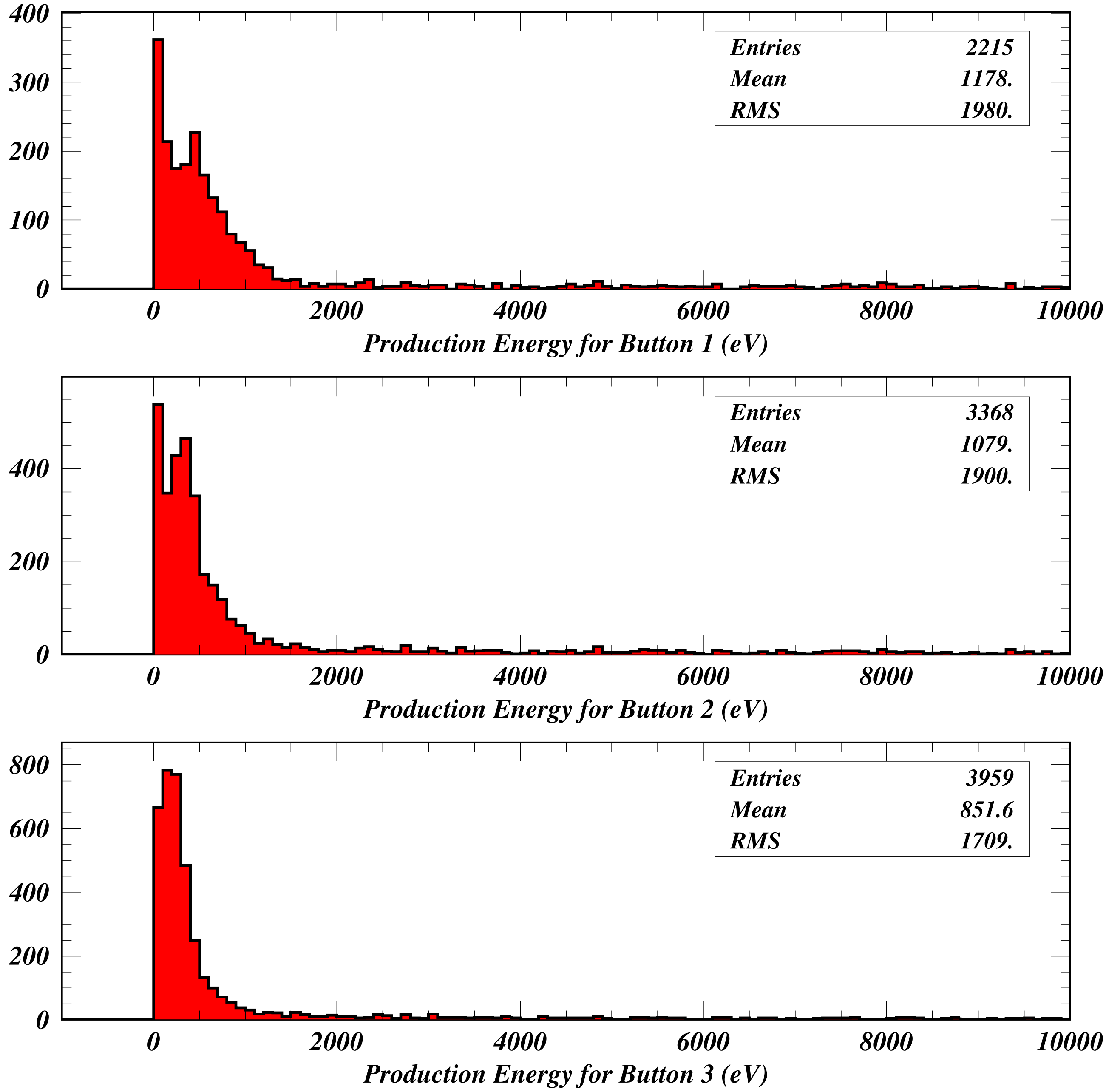
12/07/19 13.22

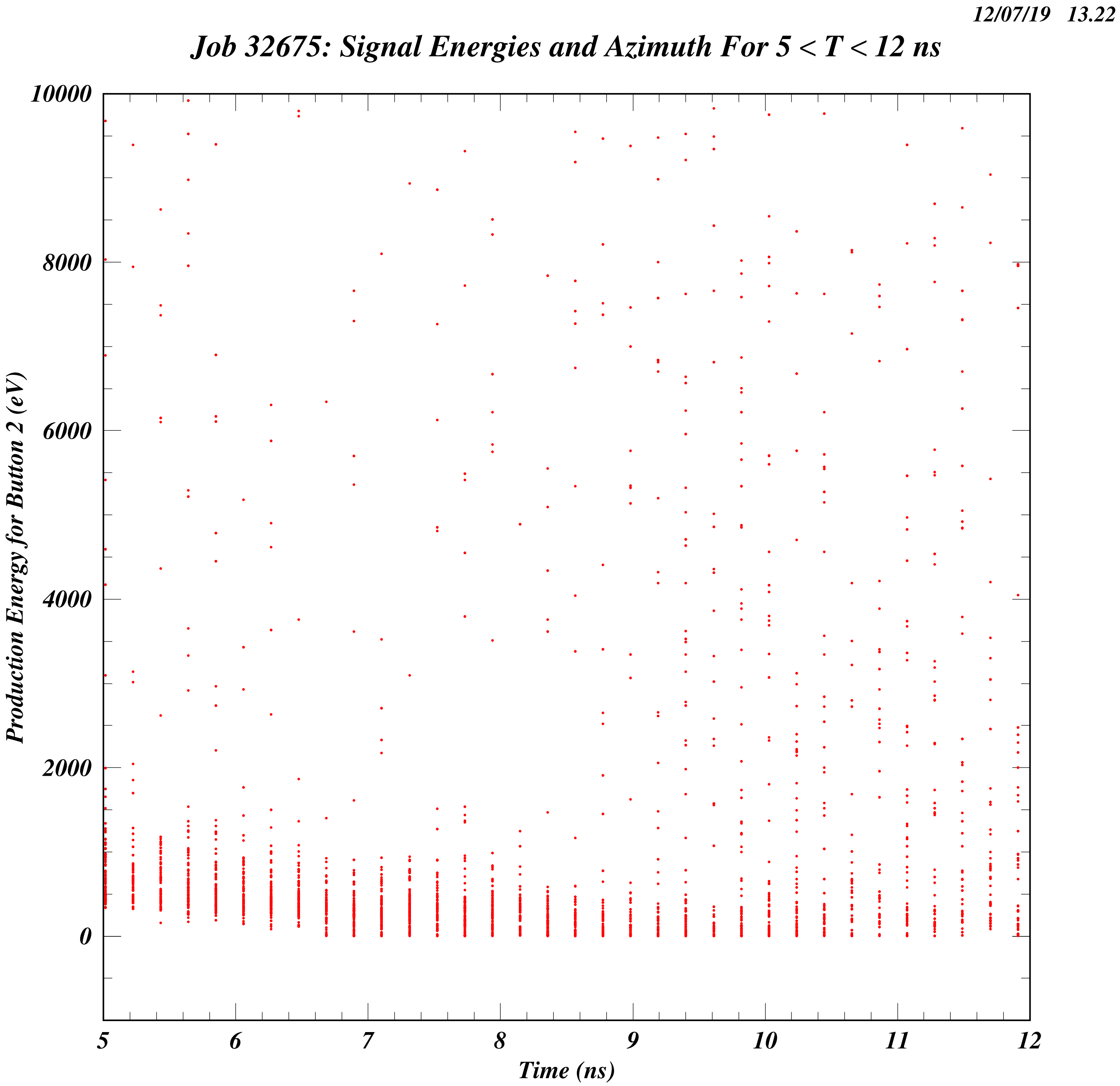
Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns



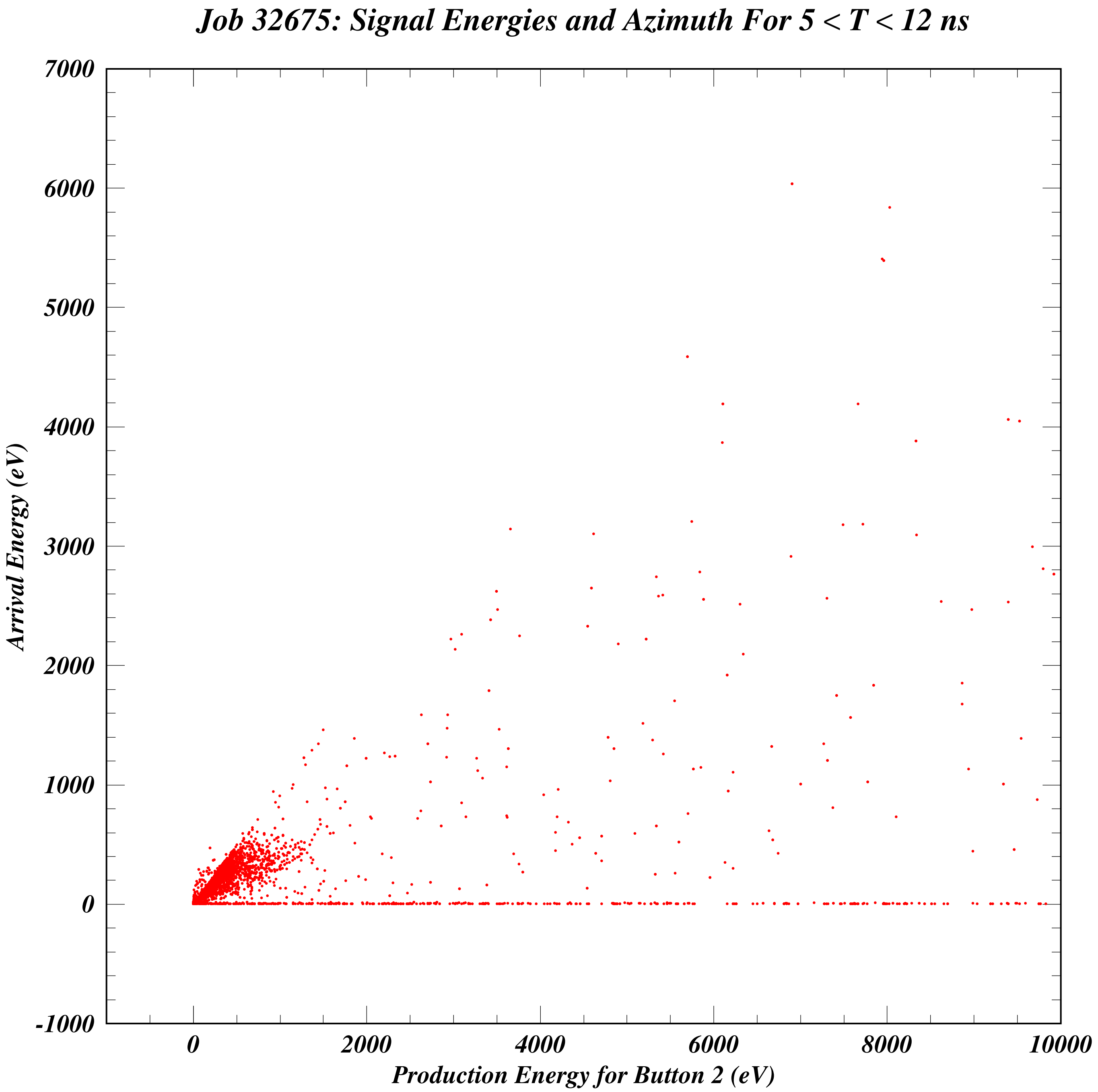
12/07/19 13.22

Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns

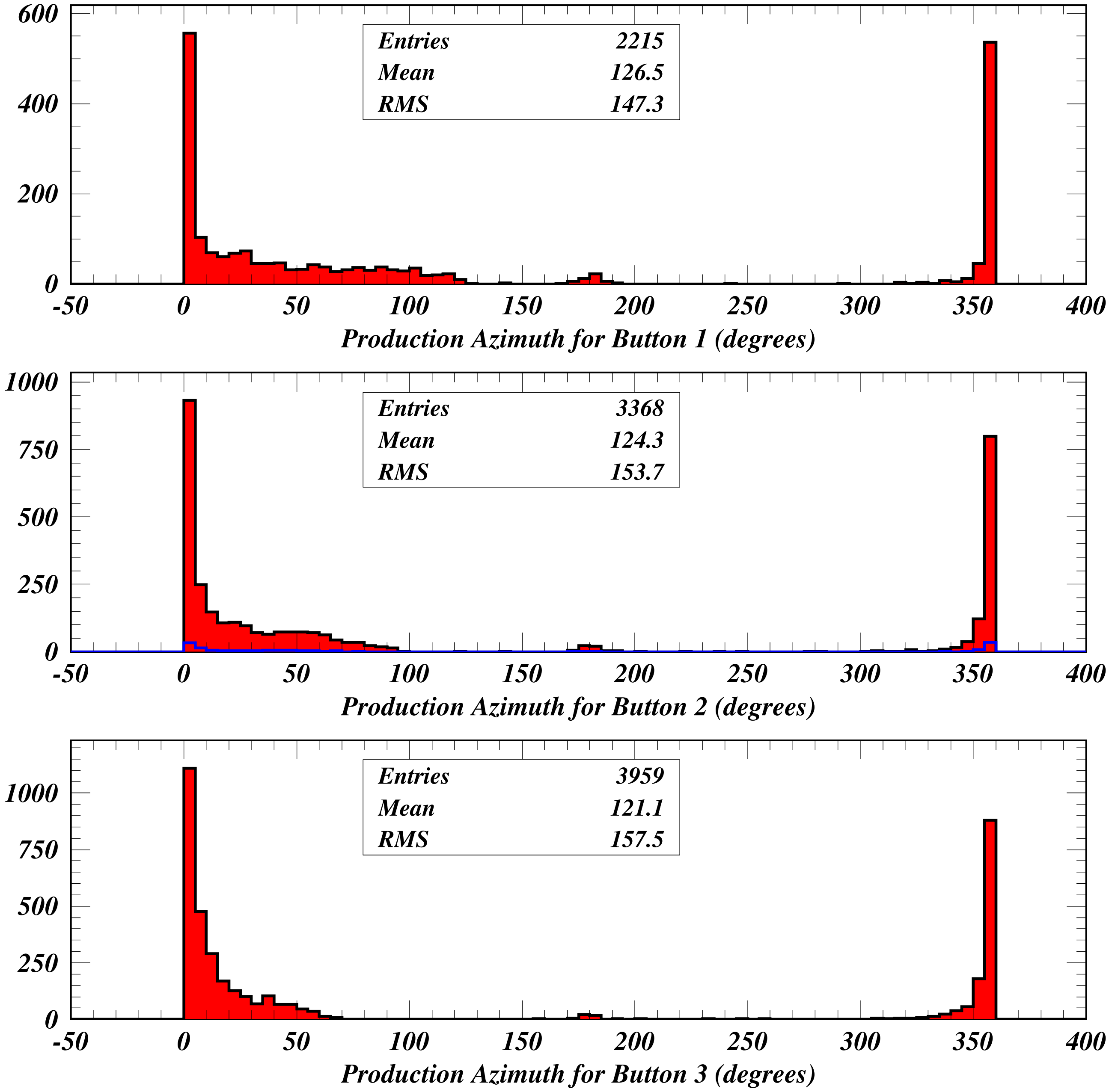



12/07/19 13.22
Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns
Production Energy for Button 2 (eV)
10000
8000
6000
4000
2000
0
5
6
7
8
9
10
11
12
Time (ns)

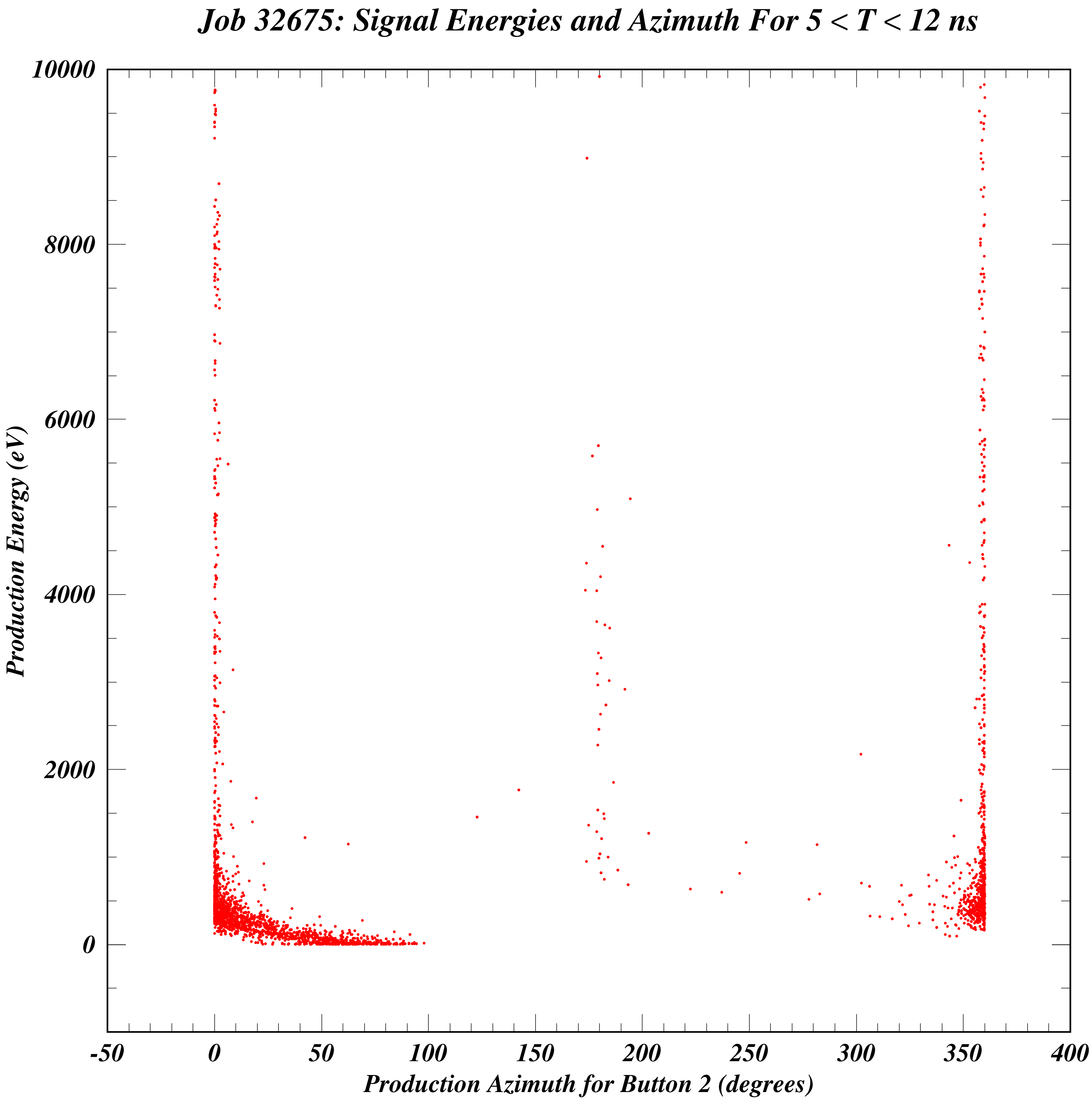
12/07/19 13.22


Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns
Arrival Energy (eV)
Production Energy for Button 2 (eV)
7000
6000
5000
4000
3000
2000
1000
0
-1000
0
2000
4000
6000
8000
10000

Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns

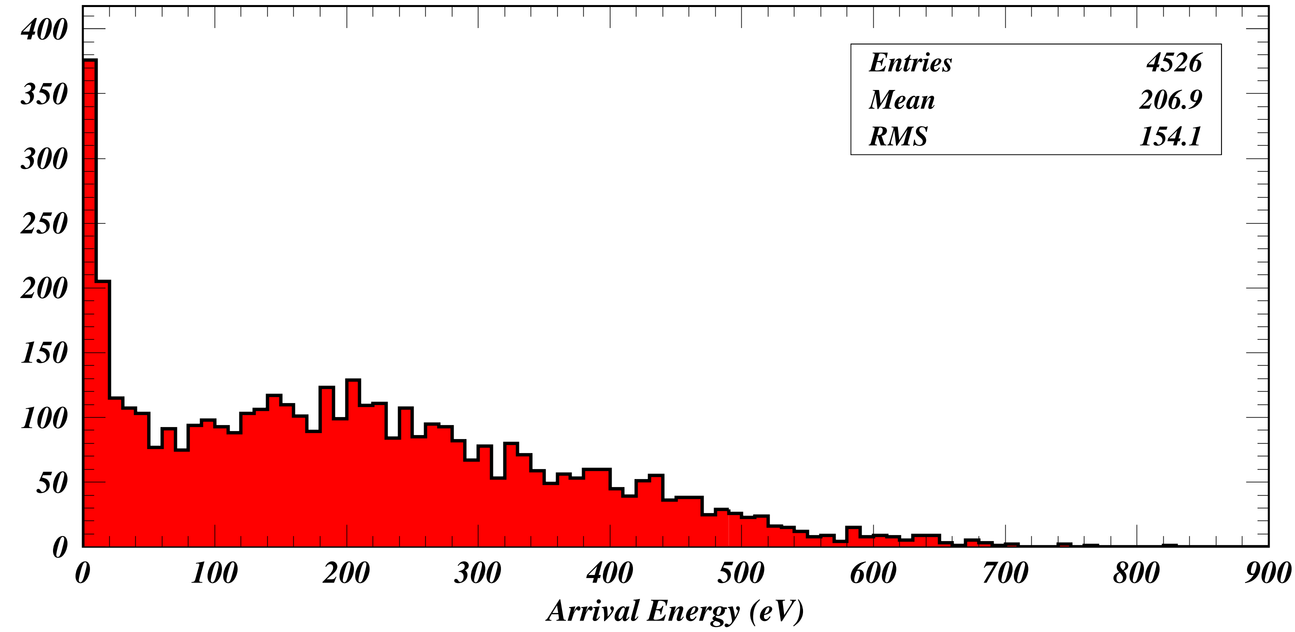


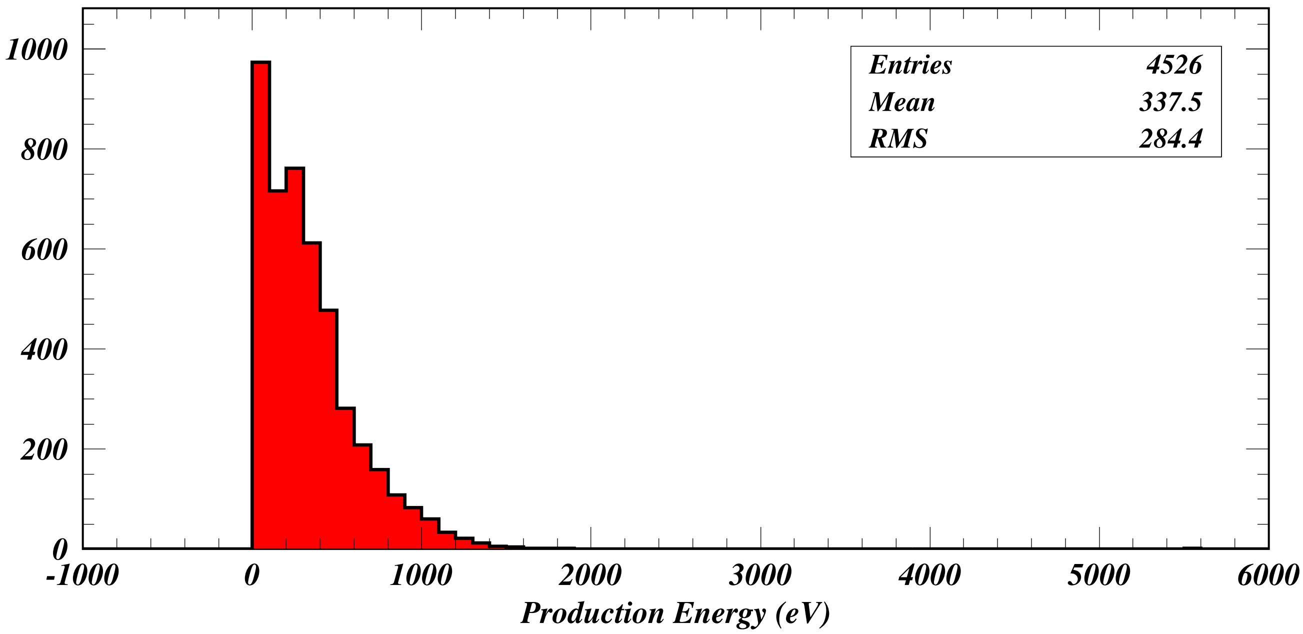
12/07/19 13.22



Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns
Production Energy (eV)
10000
8000
6000
4000
2000
0
-50
0
50
100
150
200
250
300
350
400
Production Azimuth for Button 2 (degrees)

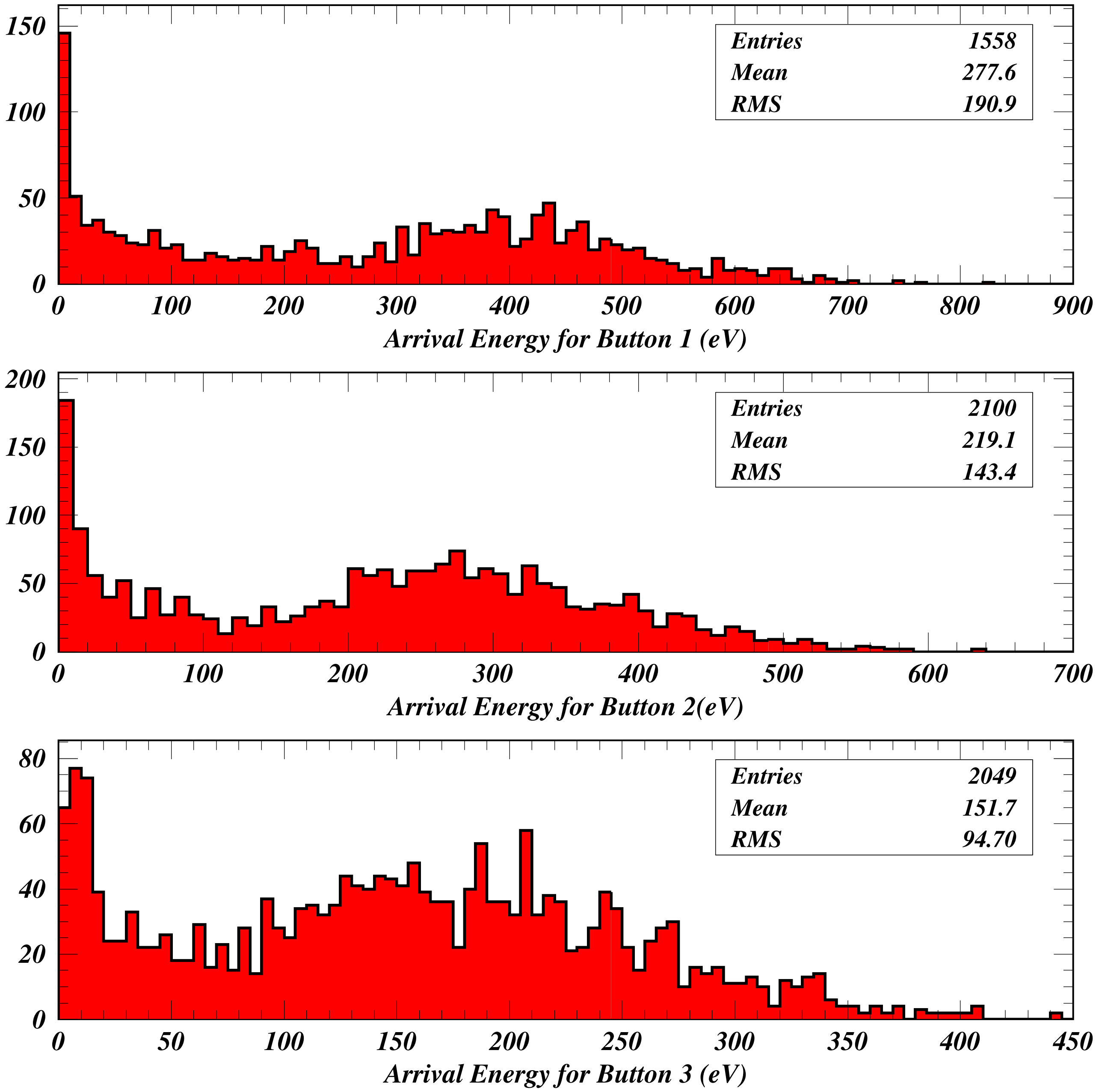
Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only

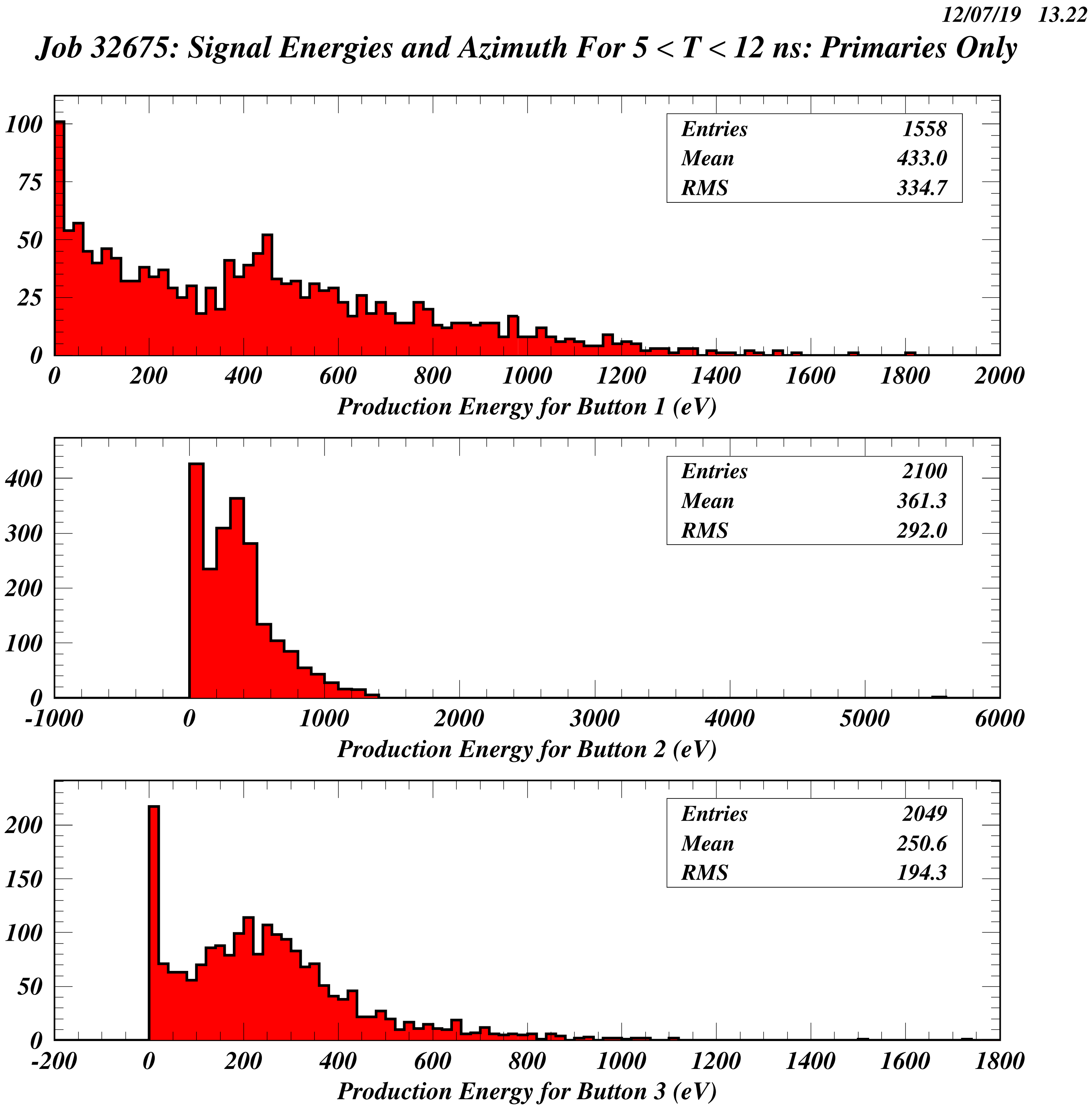


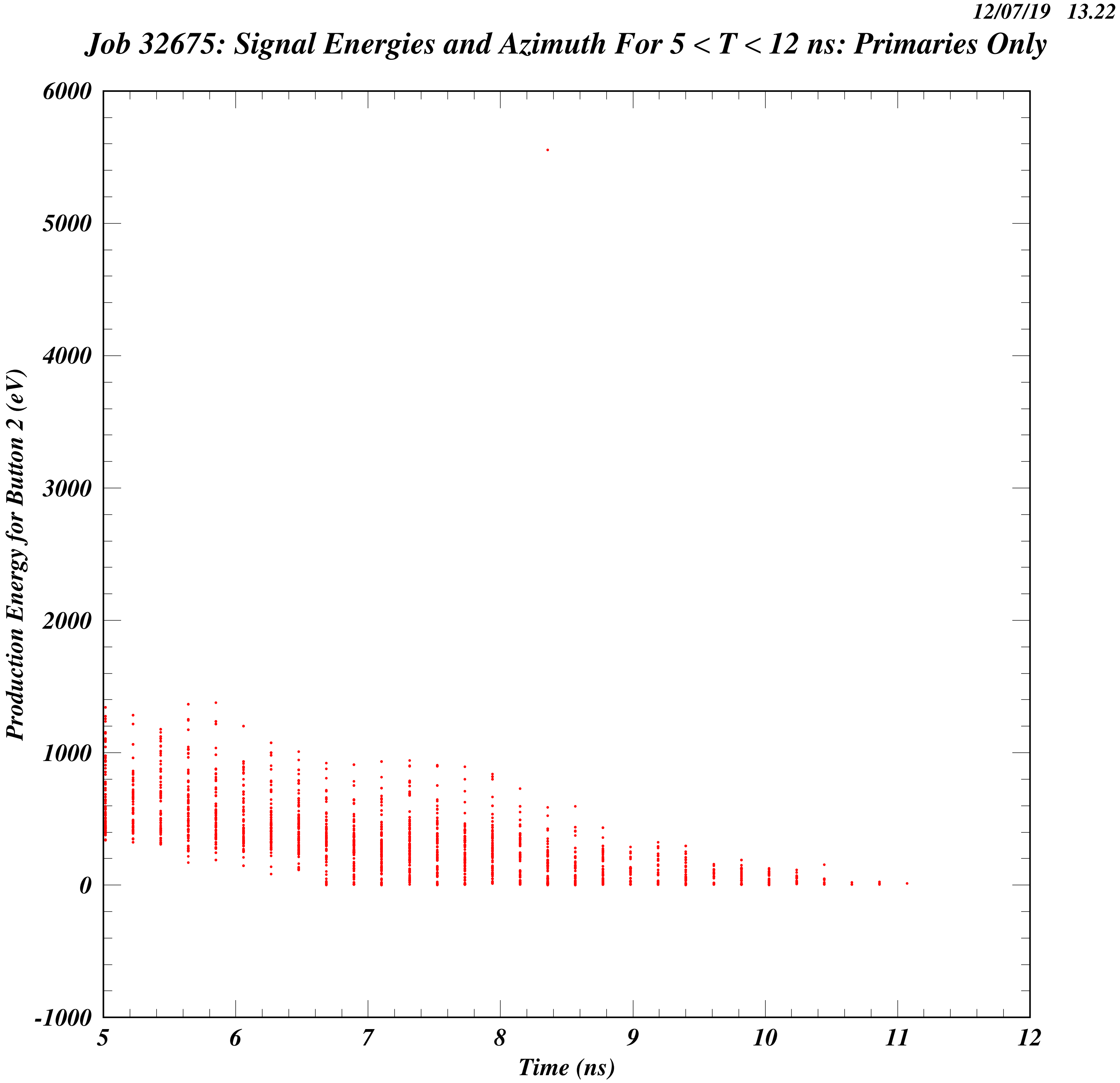


12/07/19 13.22

Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only




12/07/19 13.22
Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only
Entries 1558
Mean 433.0
RMS 334.7
0
25
50
75
100
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Production Energy for Button 1 (eV)
Entries 2100
Mean 361.3
RMS 292.0
0
100
200
300
400
-1000
0
1000
2000
3000
4000
5000
6000
Production Energy for Button 2 (eV)
Entries 2049
Mean 250.6
RMS 194.3
0
50
100
150
200
-200
0
200
400
600
800
1000
1200
1400
1600
1800
Production Energy for Button 3 (eV)



12/07/19 13.22
Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only
Production Energy for Button 2 (eV)
6000
5000
4000
3000
2000
1000
0
-1000
5
6
7
8
9
10
11
12
Time (ns)

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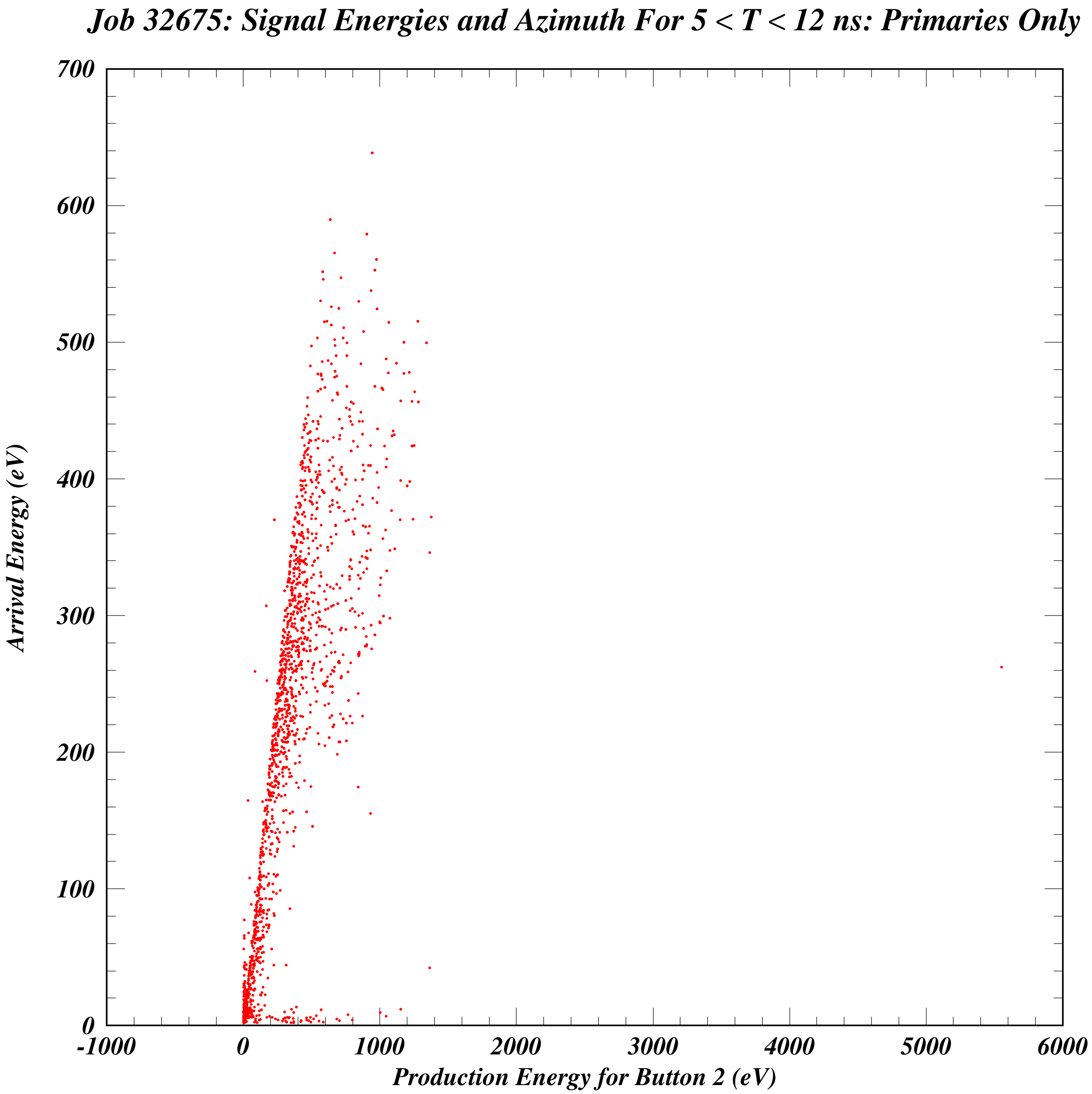
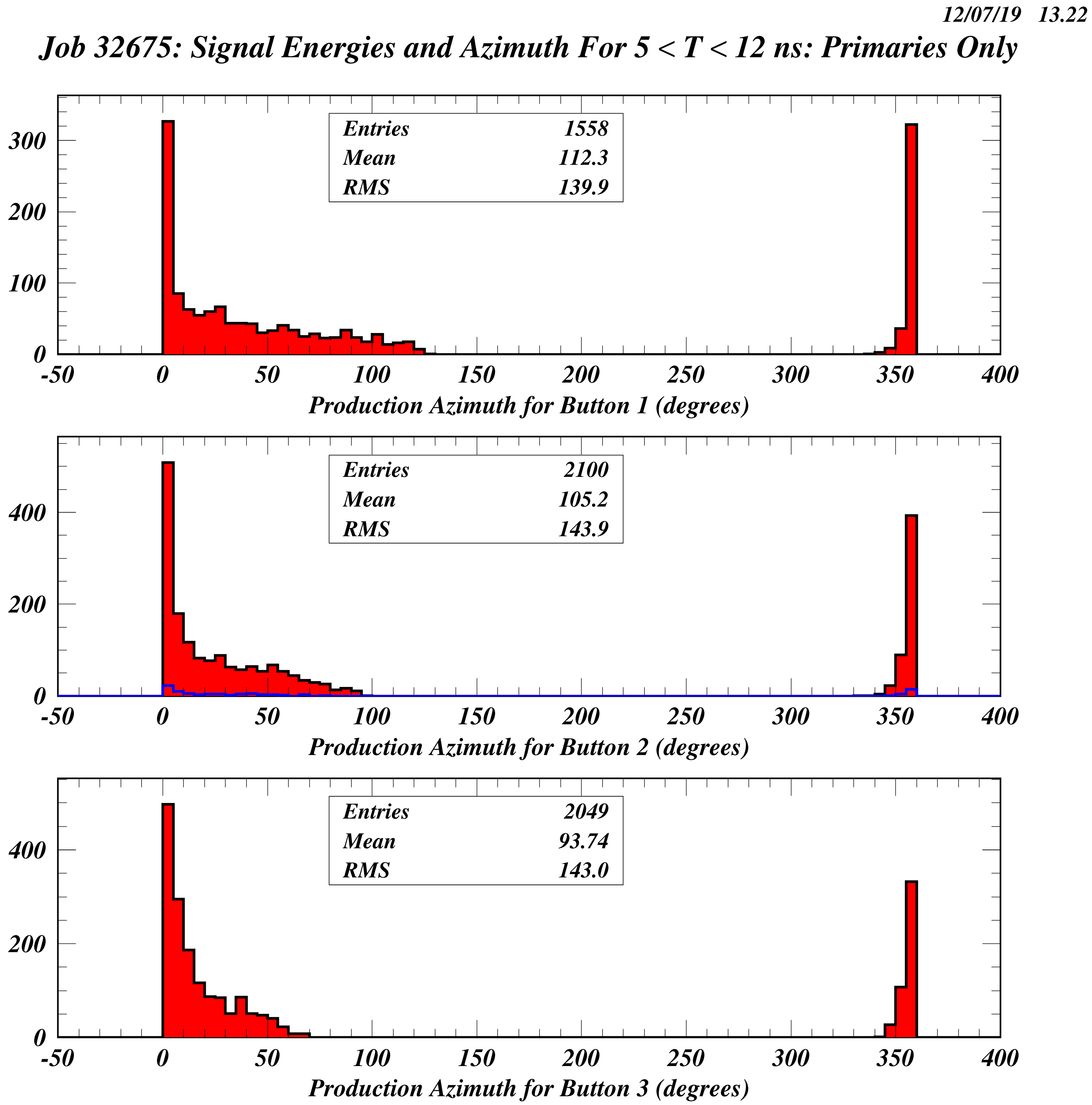
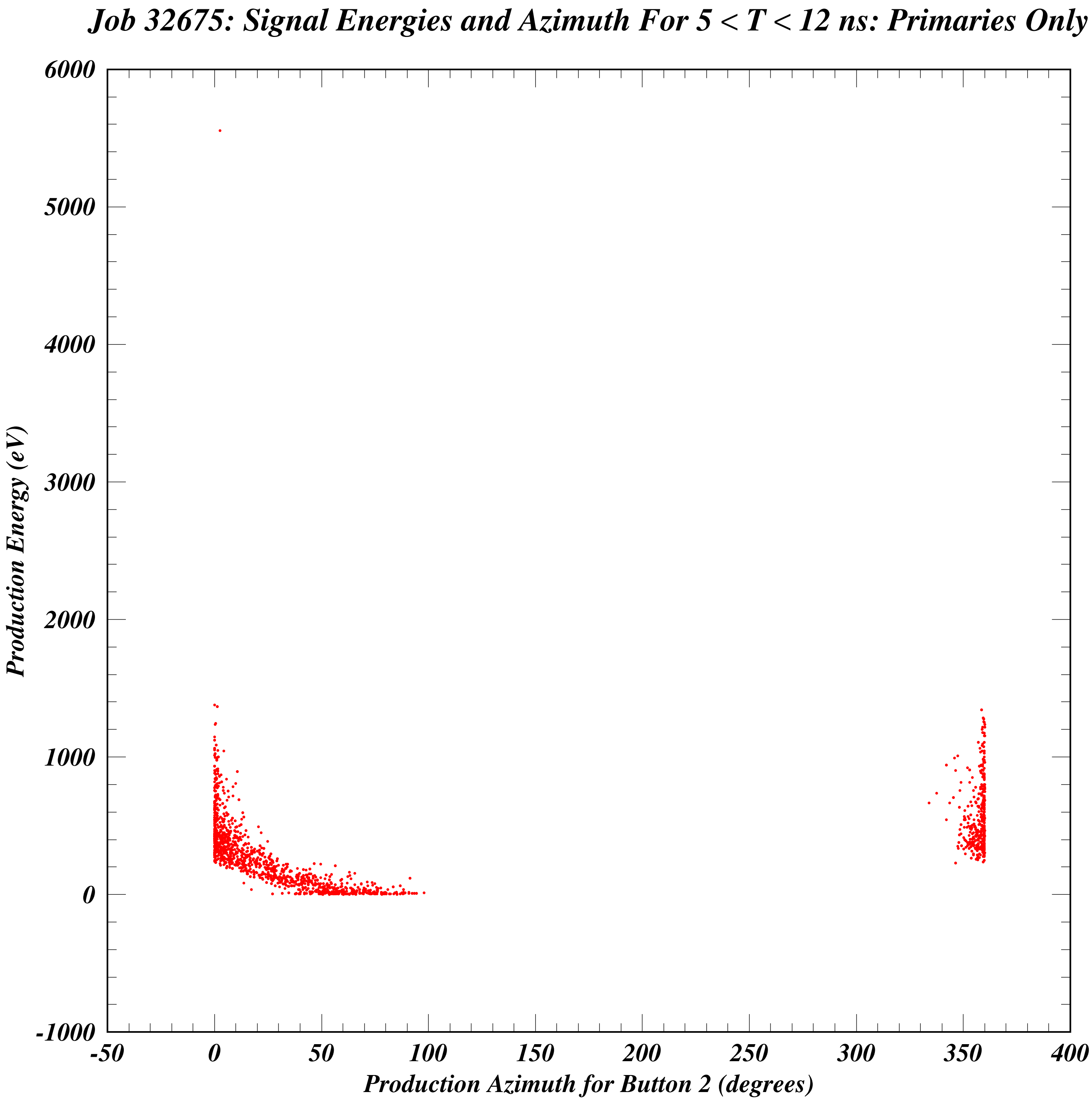
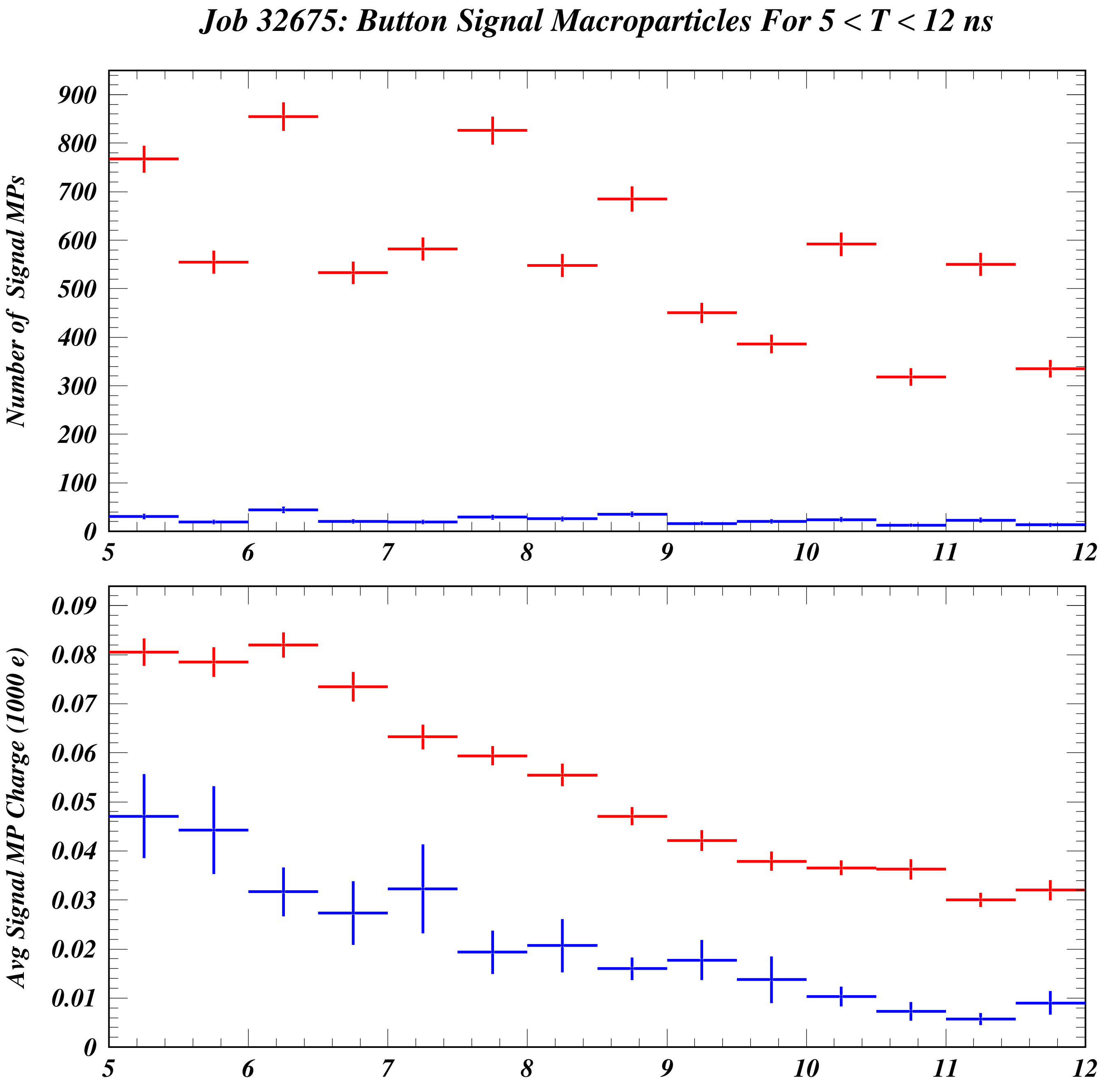

Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only
Arrival Energy (eV)
700
600
500
400
300
200
100
0
-1000
0
1000
2000
3000
4000
5000
6000
Production Energy for Button 2 (eV)


12/07/19 13.22
Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only
Entries 1558
Mean 112.3
RMS 139.9
Production Azimuth for Button 1 (degrees)
Entries 2100
Mean 105.2
RMS 143.9
Production Azimuth for Button 2 (degrees)
Entries 2049
Mean 93.74
RMS 143.0
Production Azimuth for Button 3 (degrees)

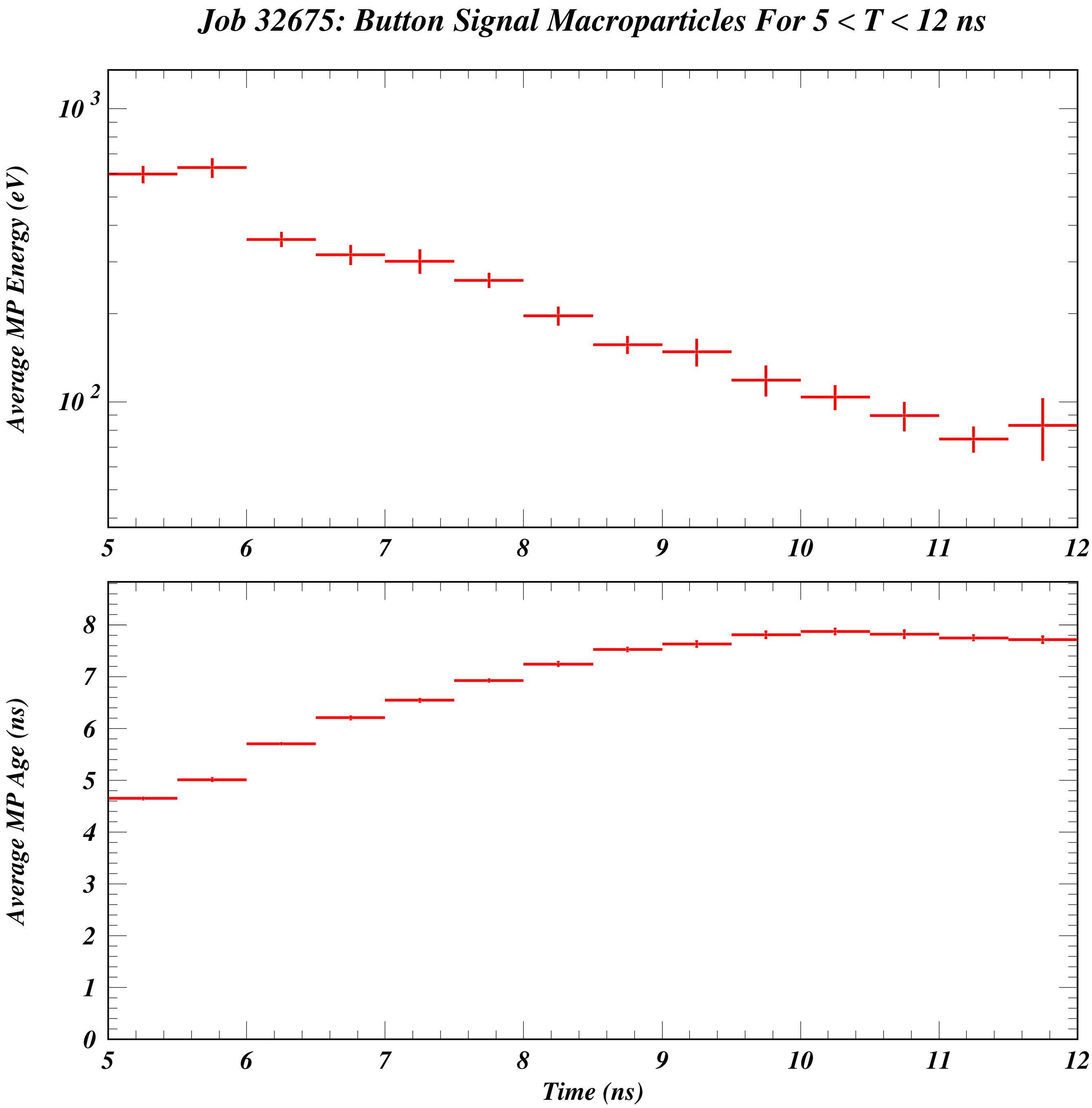

Job 32675: Signal Energies and Azimuth For 5 < T < 12 ns: Primaries Only
Production Energy (eV)
6000
5000
4000
3000
2000
1000
0
-1000
-50
0
50
100
150
200
250
300
350
400
Production Azimuth for Button 2 (degrees)

12/07/19   13.22



Job 32675: Button Signal Macroparticles For 5 < T < 12 ns
Number of Signal MPs
900
800
700
600
500
400
300
200
100
0
5
6
7
8
9
10
11
12
Avg Signal MP Charge (1000 e)
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
5
6
7
8
9
10
11
12

12/07/19   13.22



Job 32675: Button Signal Macroparticles For 5 < T < 12 ns
Average MP Energy (eV)
10^3
10^2
5 6 7 8 9 10 11 12
Average MP Age (ns)
0 1 2 3 4 5 6 7 8
5 6 7 8 9 10 11 12
Time (ns)