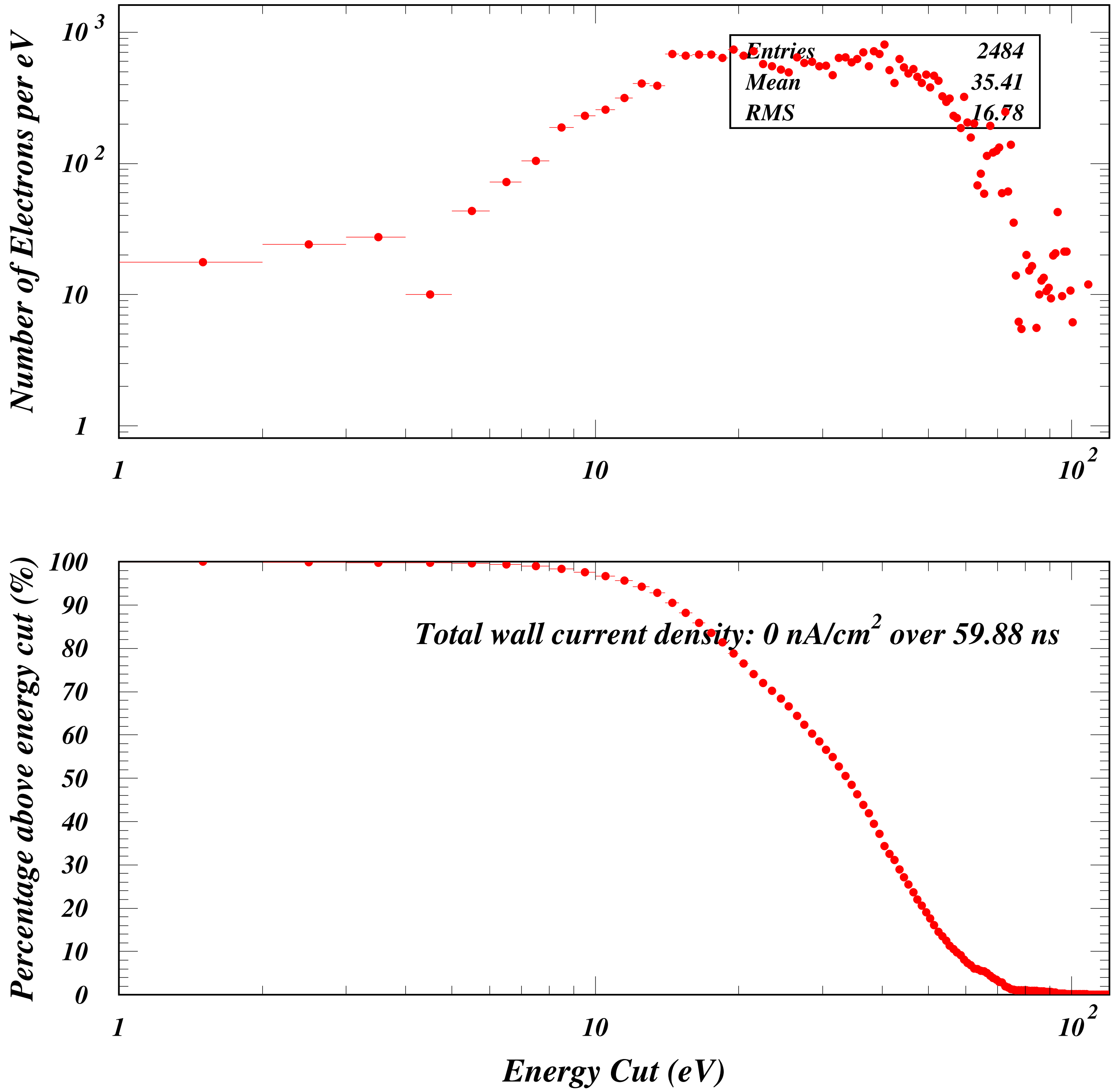
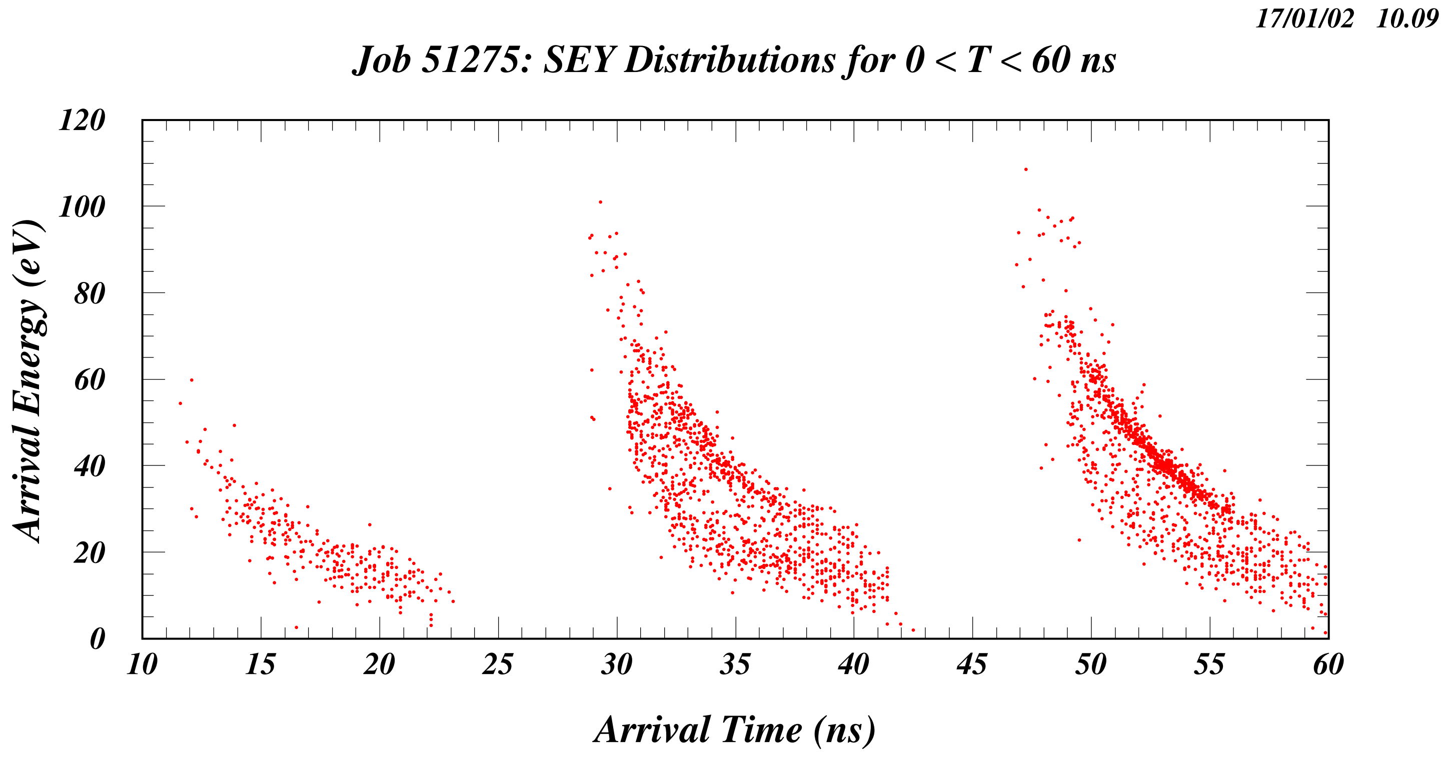
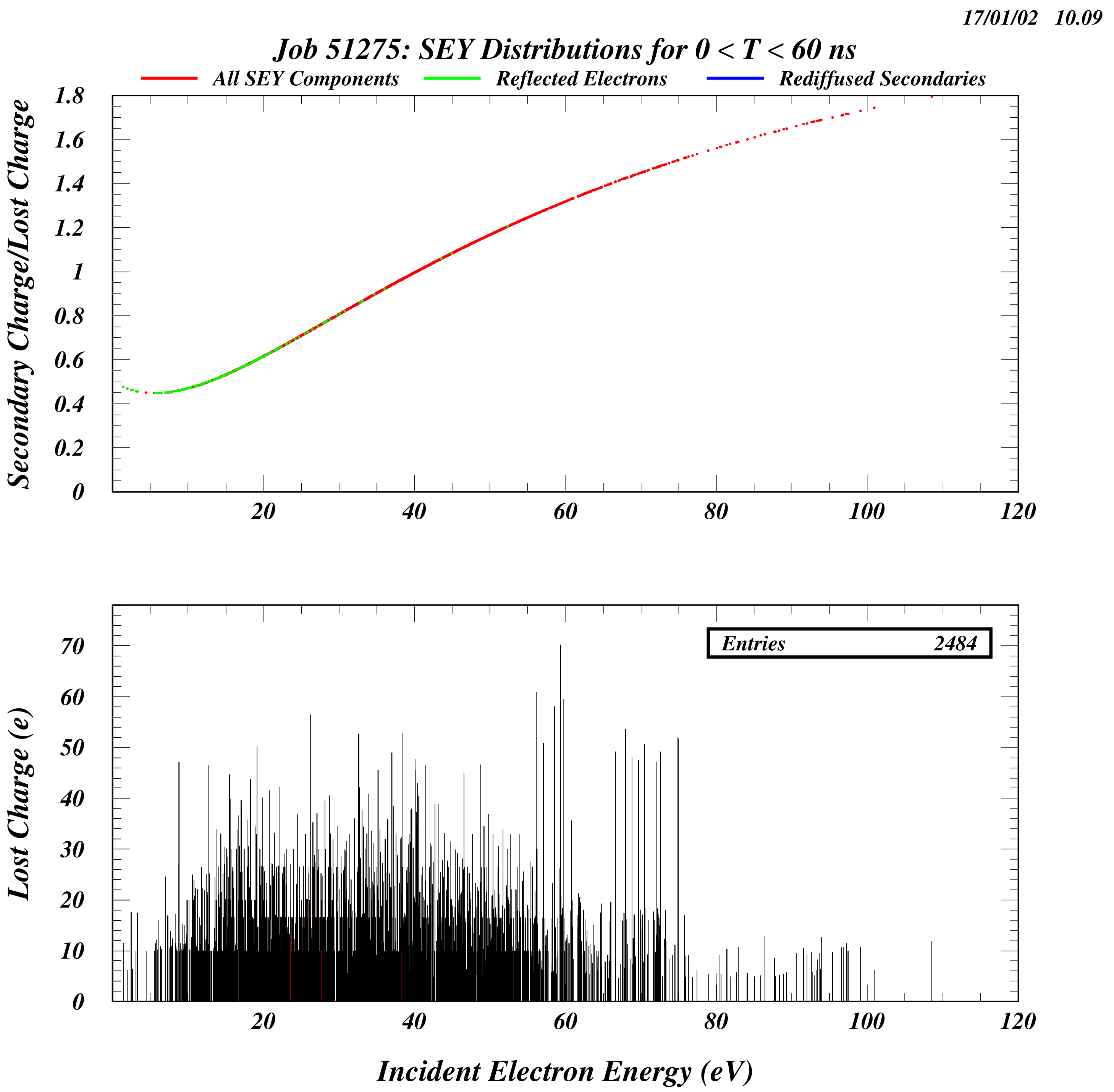
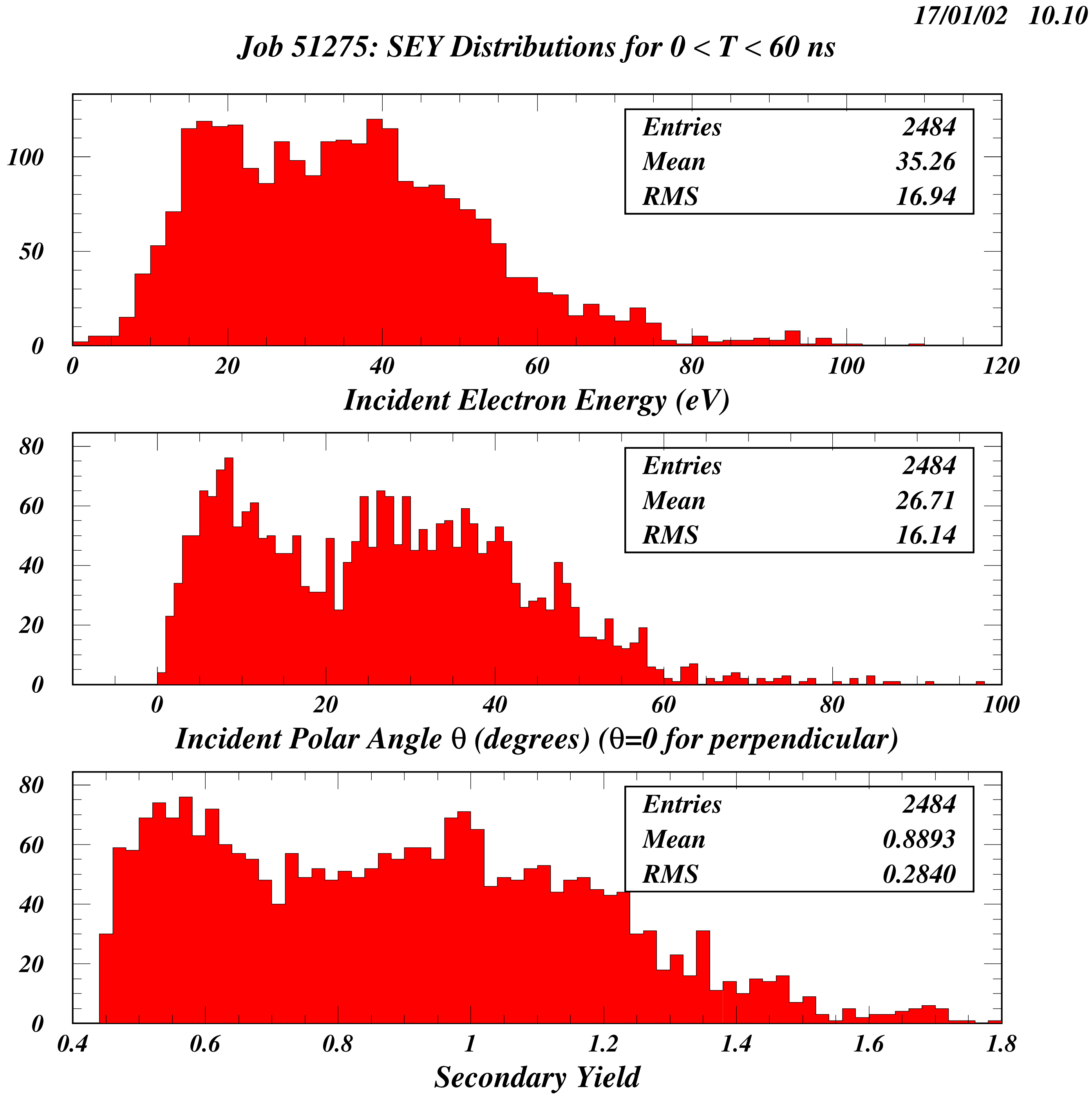
17/01/02 10.09

Job 51275: SEY Distributions for 0 < T < 60 ns

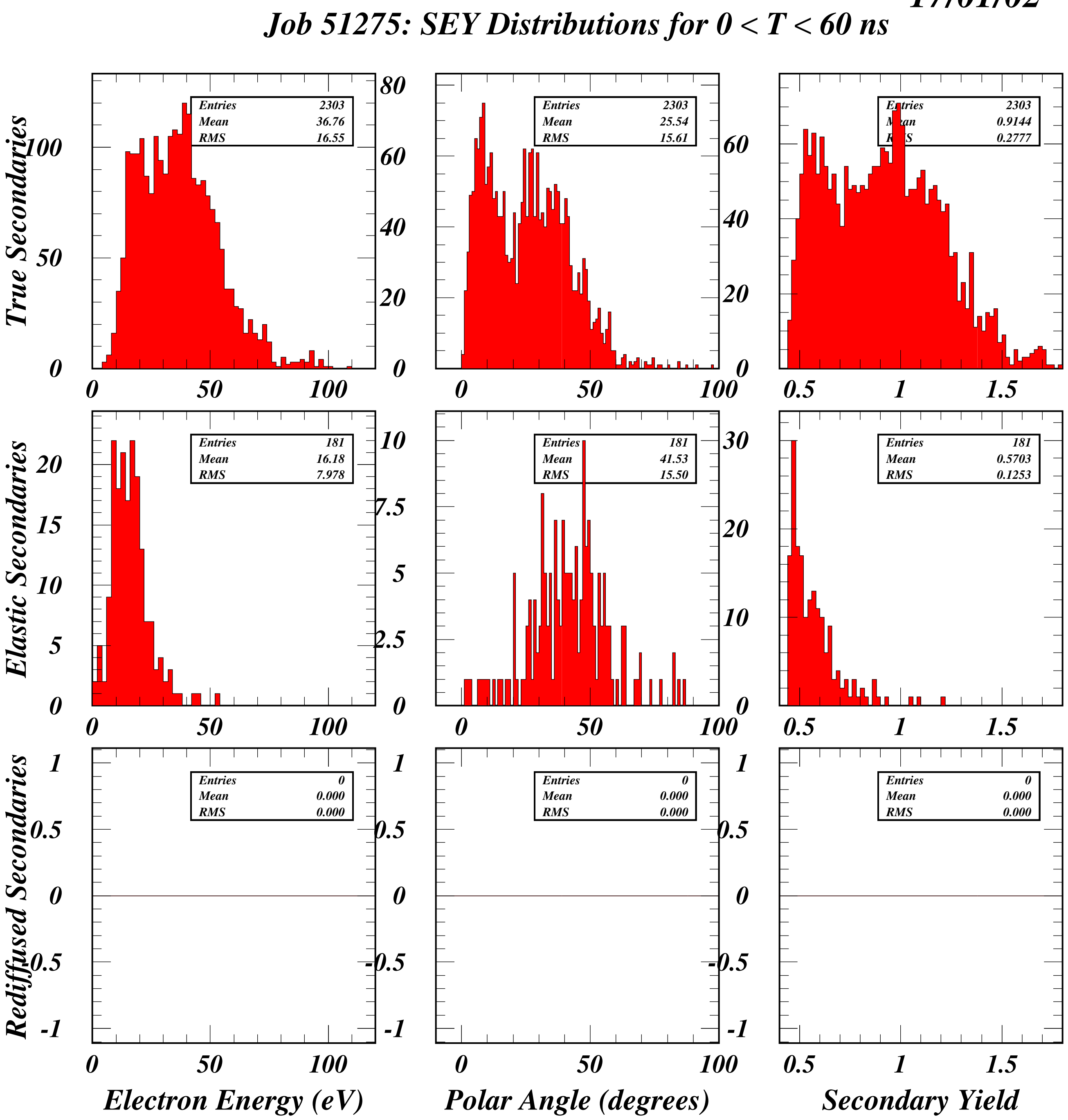



17/01/02 10.09
Job 51275: SEY Distributions for 0 < T < 60 ns
Arrival Energy (eV)
Arrival Time (ns)
0
20
40
60
80
100
120
10
15
20
25
30
35
40
45
50
55
60


17/01/02 10.09
Job 51275: SEY Distributions for 0 < T < 60 ns
All SEY Components
Reflected Electrons
Rediffused Secondaries
Secondary Charge/Lost Charge
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
40
60
80
100
120
Entries 2484
Lost Charge (e)
70
60
50
40
30
20
10
0
20
40
60
80
100
120
Incident Electron Energy (eV)


17/01/02 10.10
Job 51275: SEY Distributions for 0 < T < 60 ns
Entries 2484
Mean 35.26
RMS 16.94
Incident Electron Energy (eV)
Entries 2484
Mean 26.71
RMS 16.14
Incident Polar Angle θ (degrees) (θ=0 for perpendicular)
Entries 2484
Mean 0.8893
RMS 0.2840
Secondary Yield

17/01/02 10.10


Job 51275: SEY Distributions for 0 < T < 60 ns
True Secondaries
Elastic Secondaries
Rediffused Secondaries
Entries 2303
Mean 36.76
RMS 16.55
Entries 2303
Mean 25.54
RMS 15.61
Entries 2303
Mean 0.9144
RMS 0.2777
Entries 181
Mean 16.18
RMS 7.978
Entries 181
Mean 41.53
RMS 15.50
Entries 181
Mean 0.5703
RMS 0.1253
Entries 0
Mean 0.000
RMS 0.000
Electron Energy (eV)
Polar Angle (degrees)
Secondary Yield