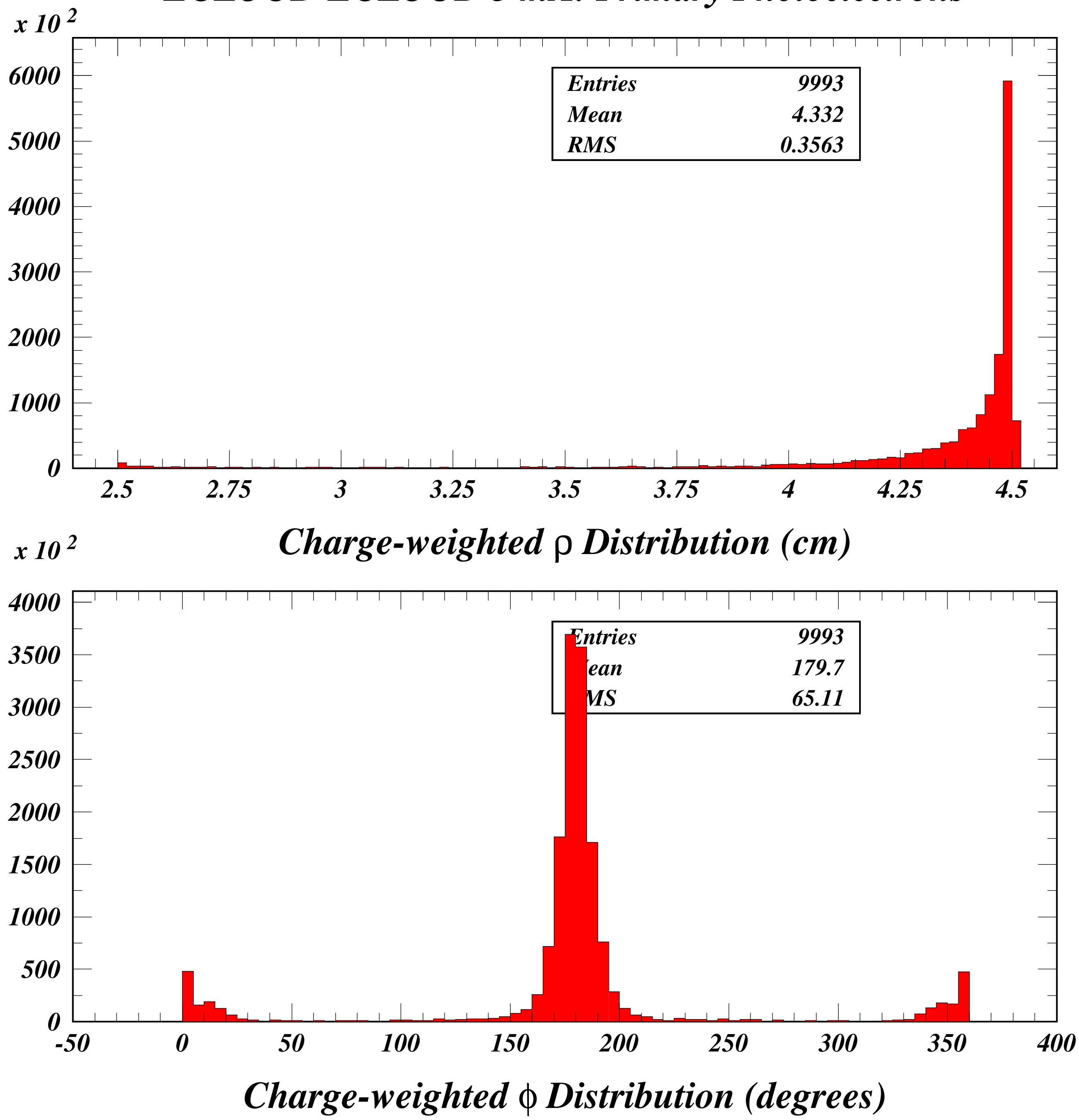
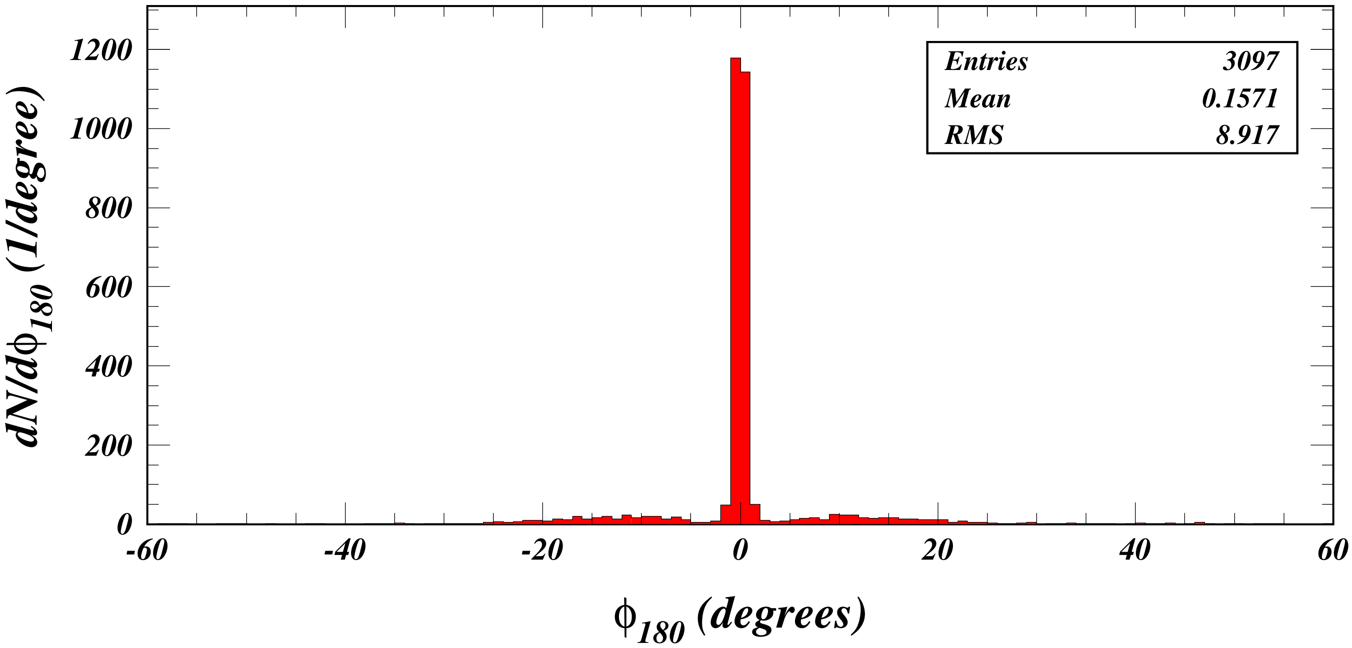
11/09/01 14.38

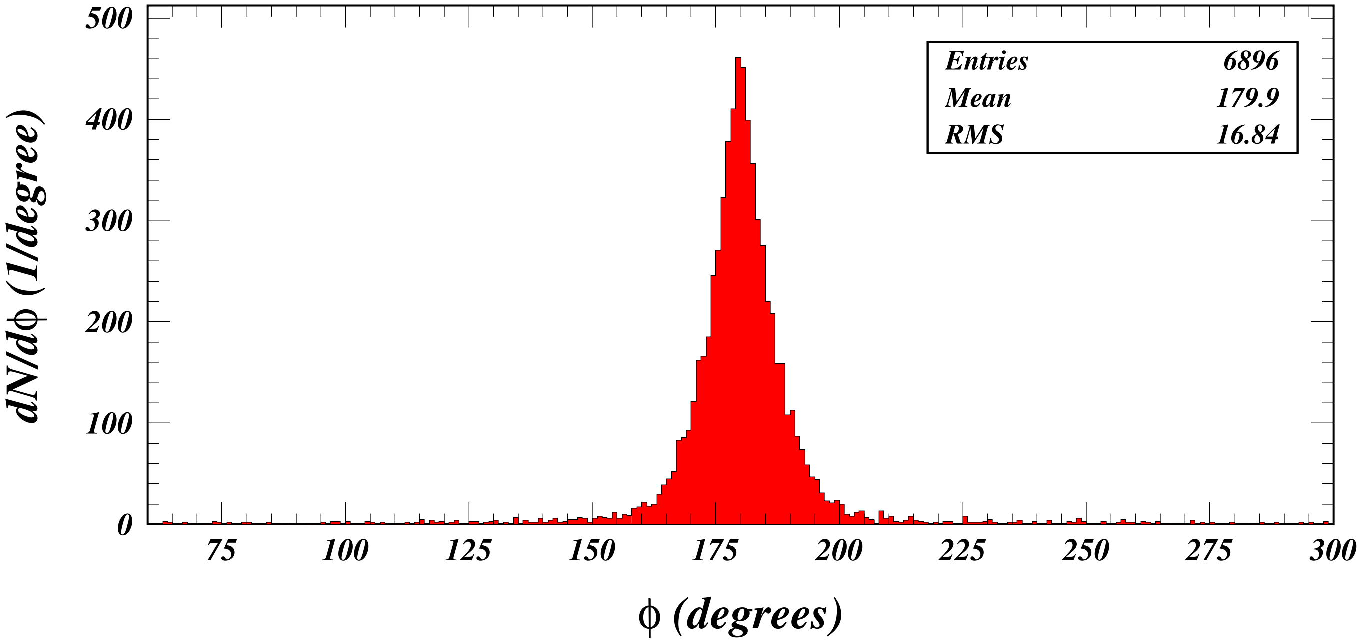
ECLOUD ECLOUD 3 mA: Primary Photoelectrons



11/09/01 14.38

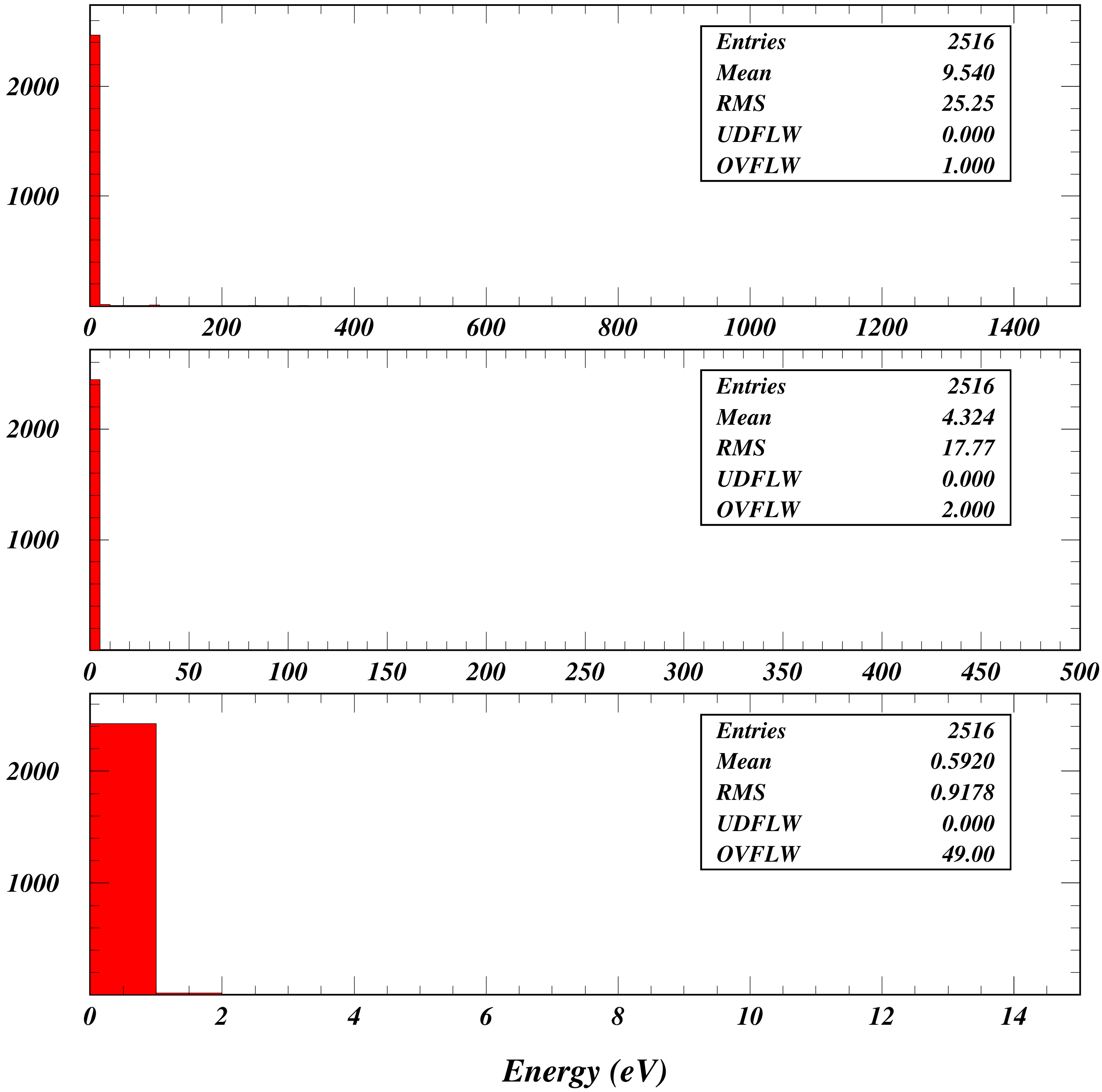
ECLOUD ECLOUD 3 mA: Primary Photoelectrons





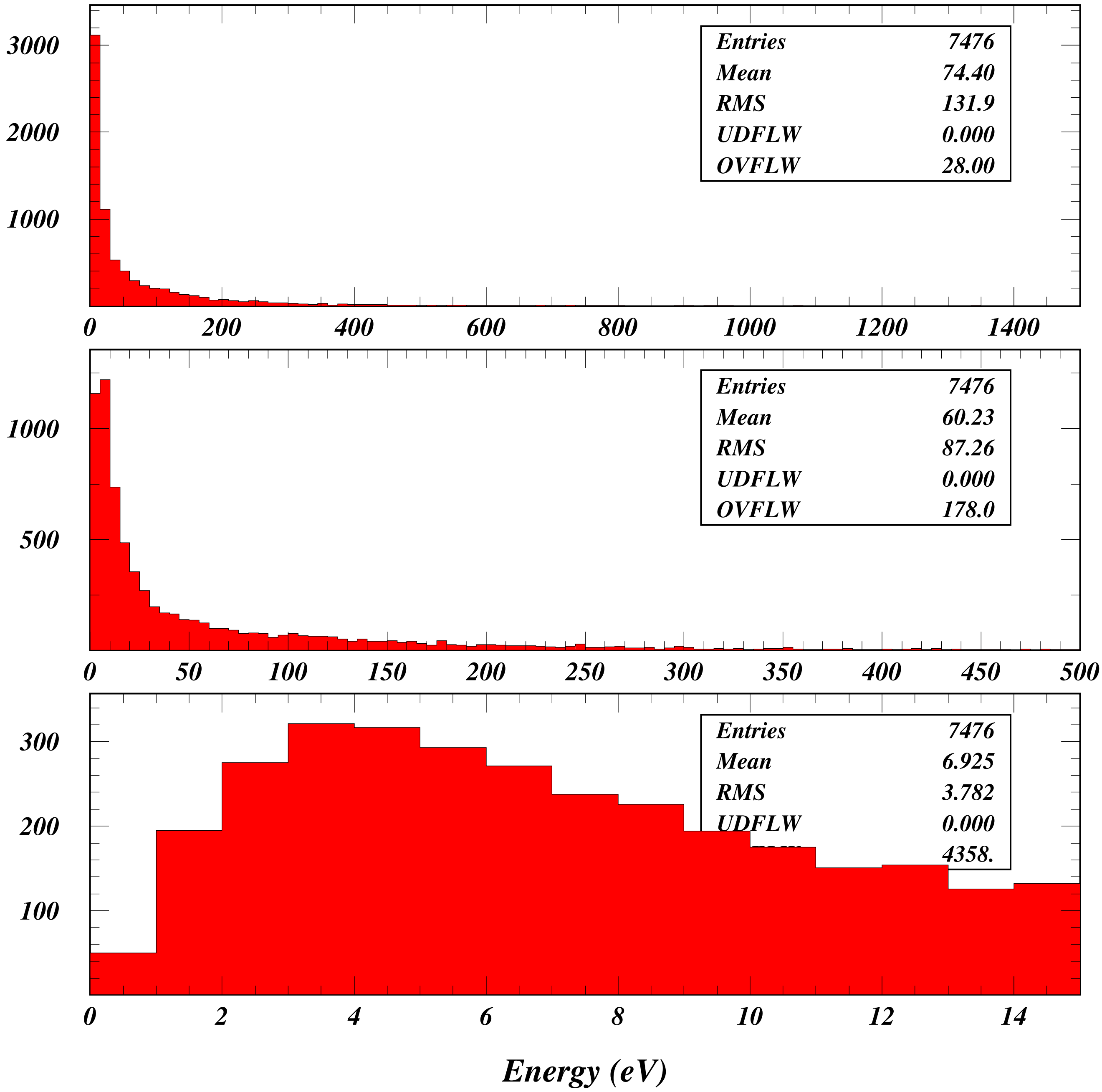
11/09/01 14.38

Job 29748: Primary Photoelectrons from Direct Photons

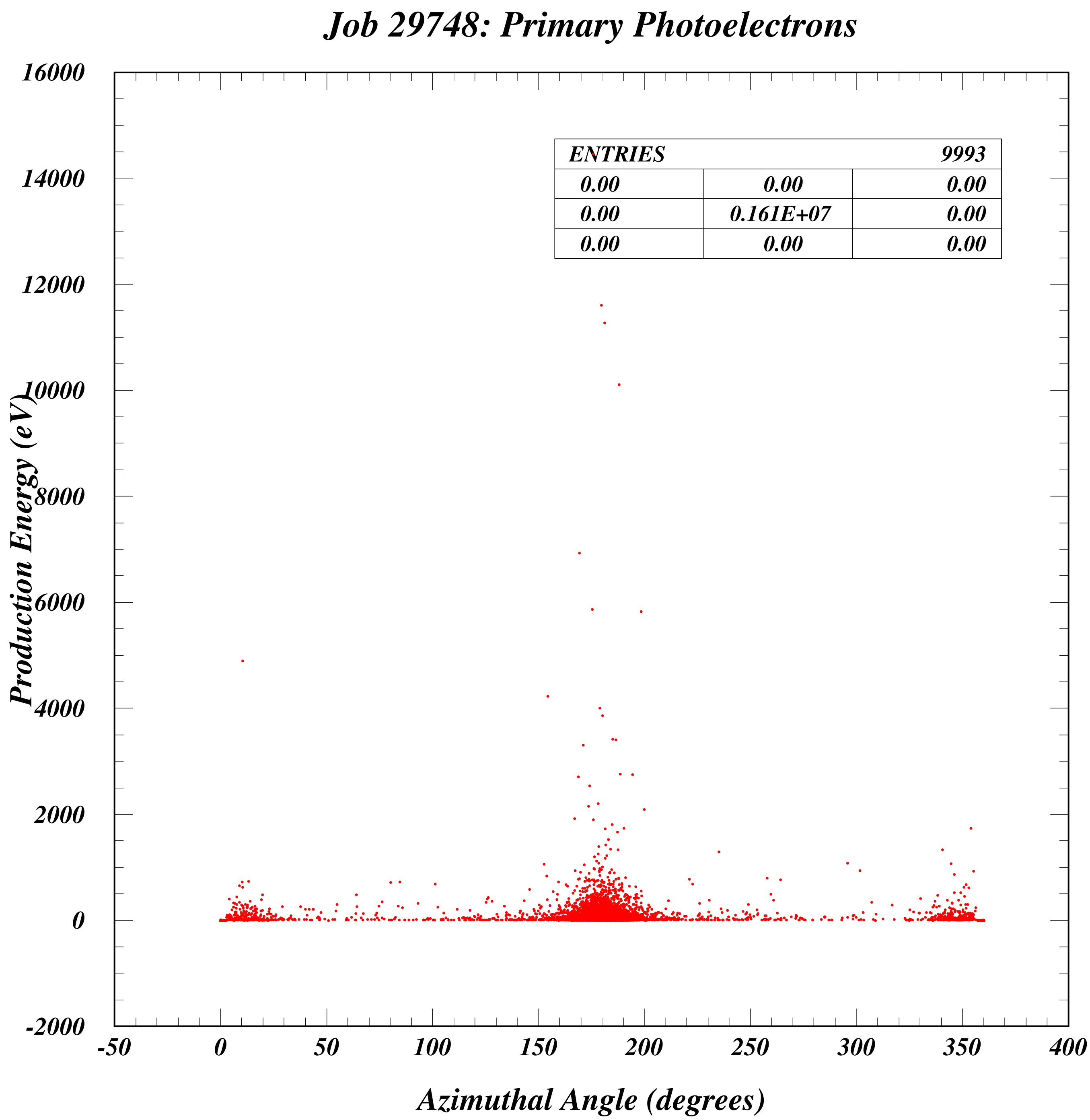


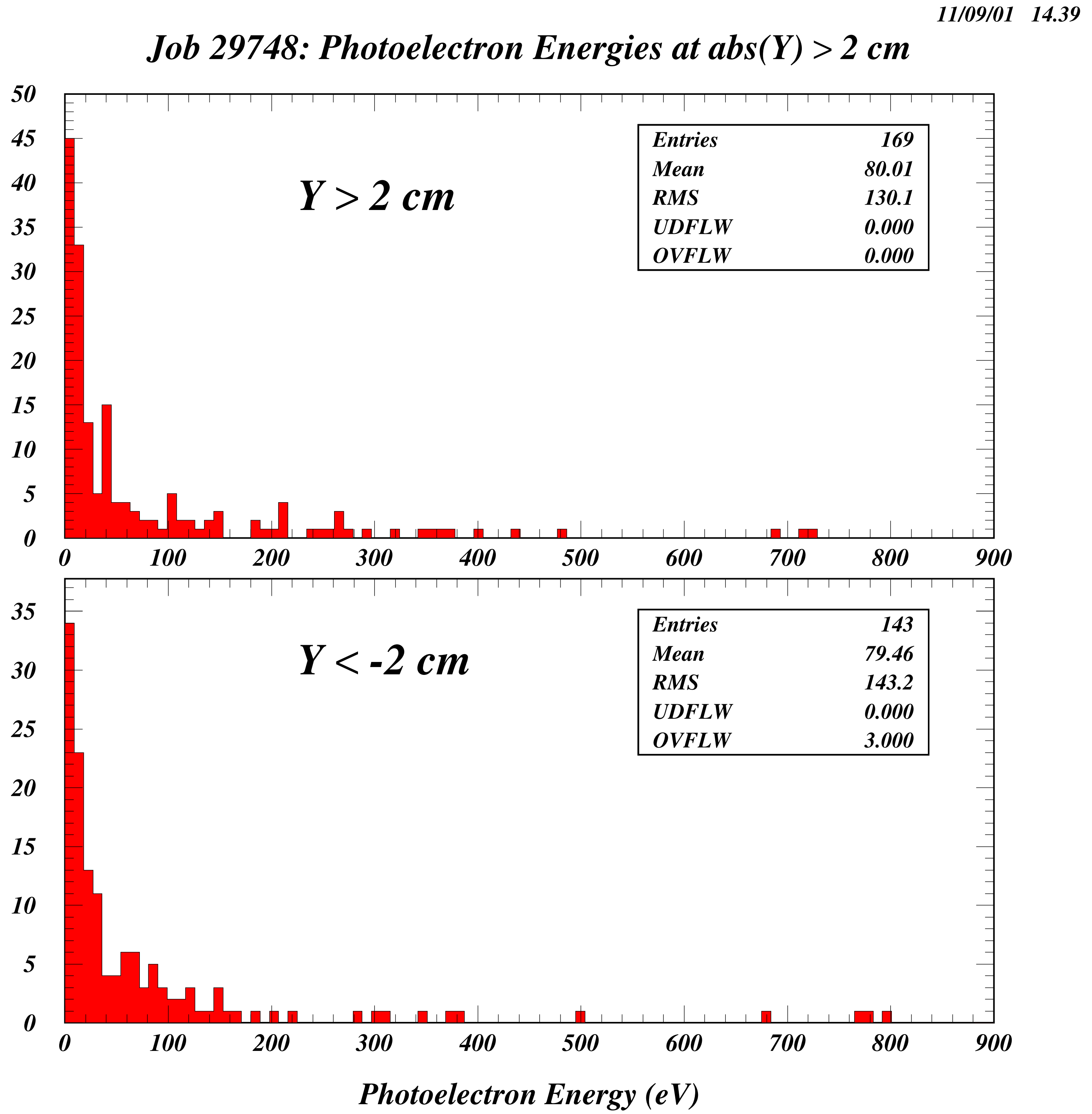
11/09/01 14.38

Job 29748: Photoelectrons from Reflected Photons



11/09/01 14.39

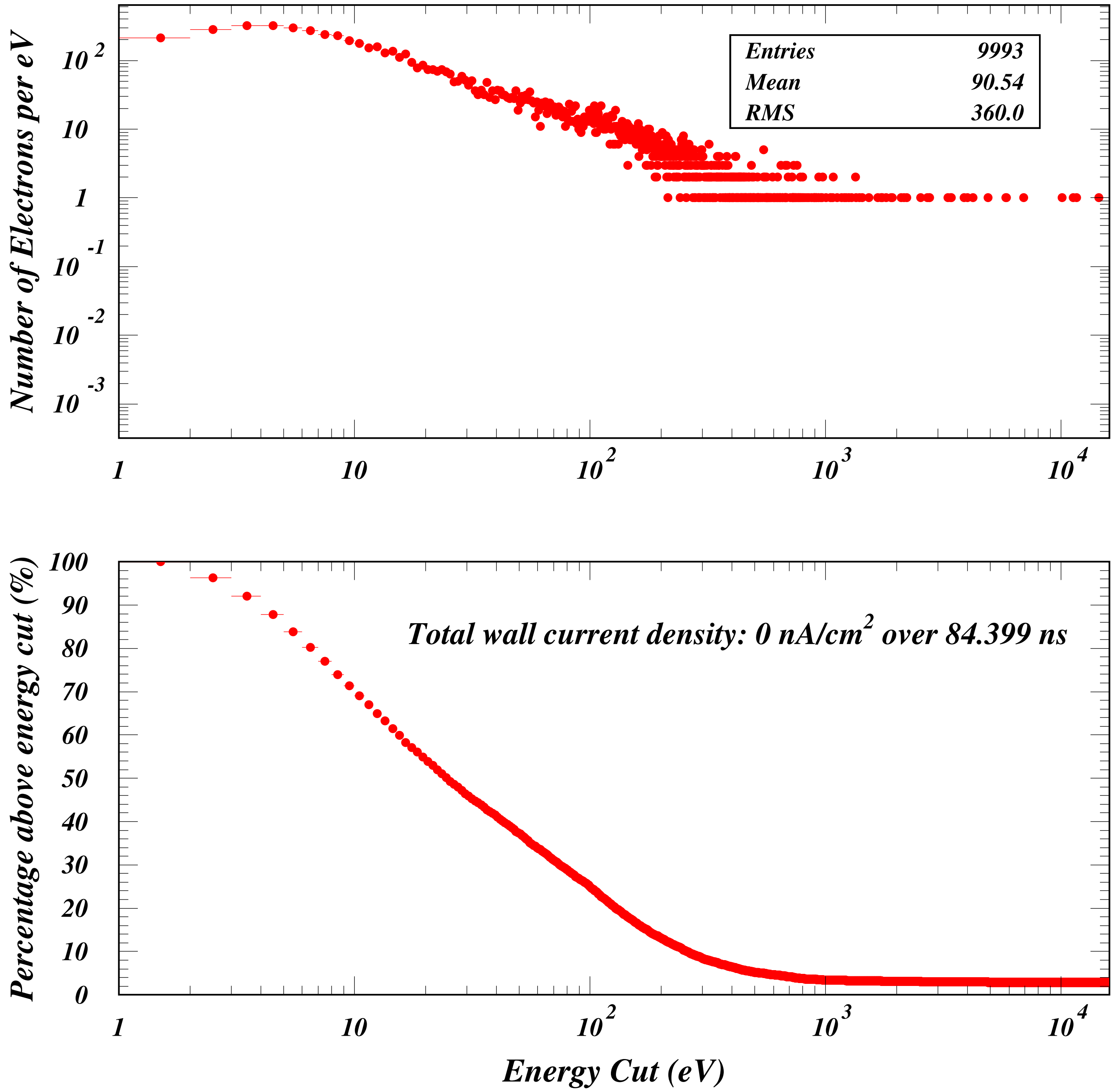

Job 29748: Primary Photoelectrons
ENTRIES 9993
0.00 0.00 0.00
0.00 0.161E+07 0.00
0.00 0.00 0.00
Production Energy (eV)
Azimuthal Angle (degrees)
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-50
0
50
100
150
200
250
300
350
400



11/09/01 14.39
Job 29748: Photoelectron Energies at abs(Y) > 2 cm
Y > 2 cm
Entries 169
Mean 80.01
RMS 130.1
UDFLW 0.000
OVFLW 0.000
Y < -2 cm
Entries 143
Mean 79.46
RMS 143.2
UDFLW 0.000
OVFLW 3.000
Photoelectron Energy (eV)

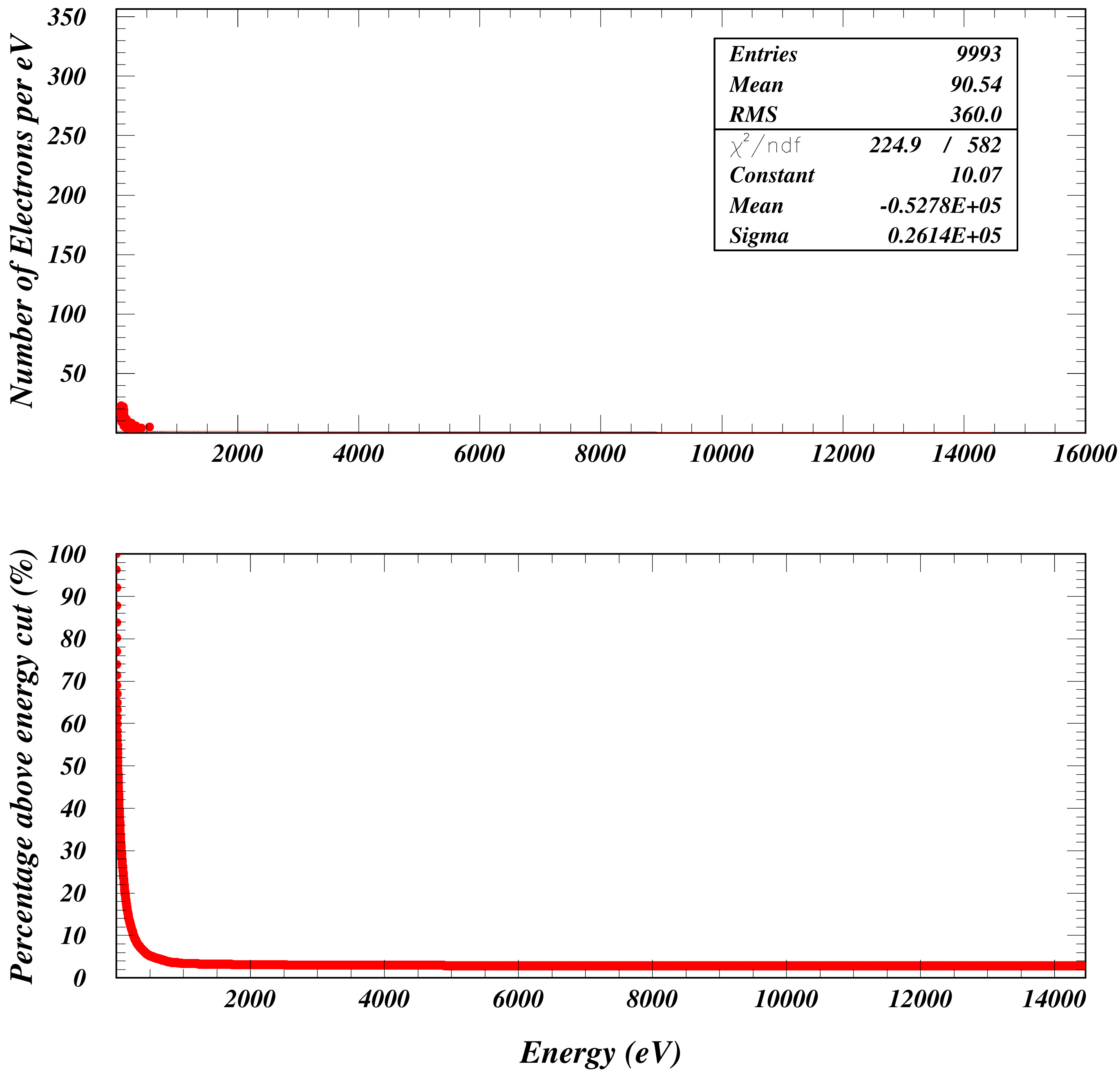
11/09/01 14.39

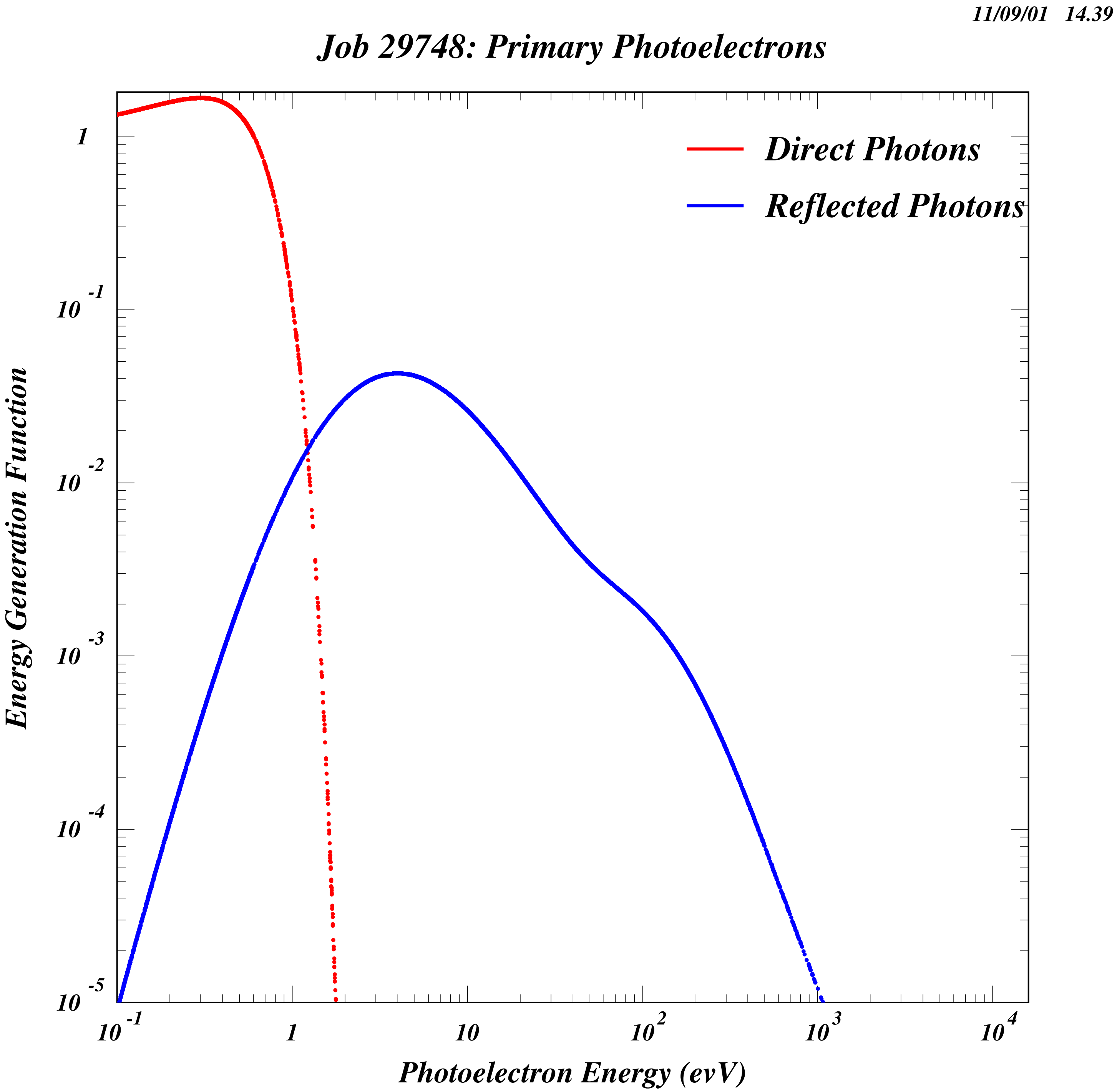
Job 29748: Primary Photoelectrons



11/09/01 14.39

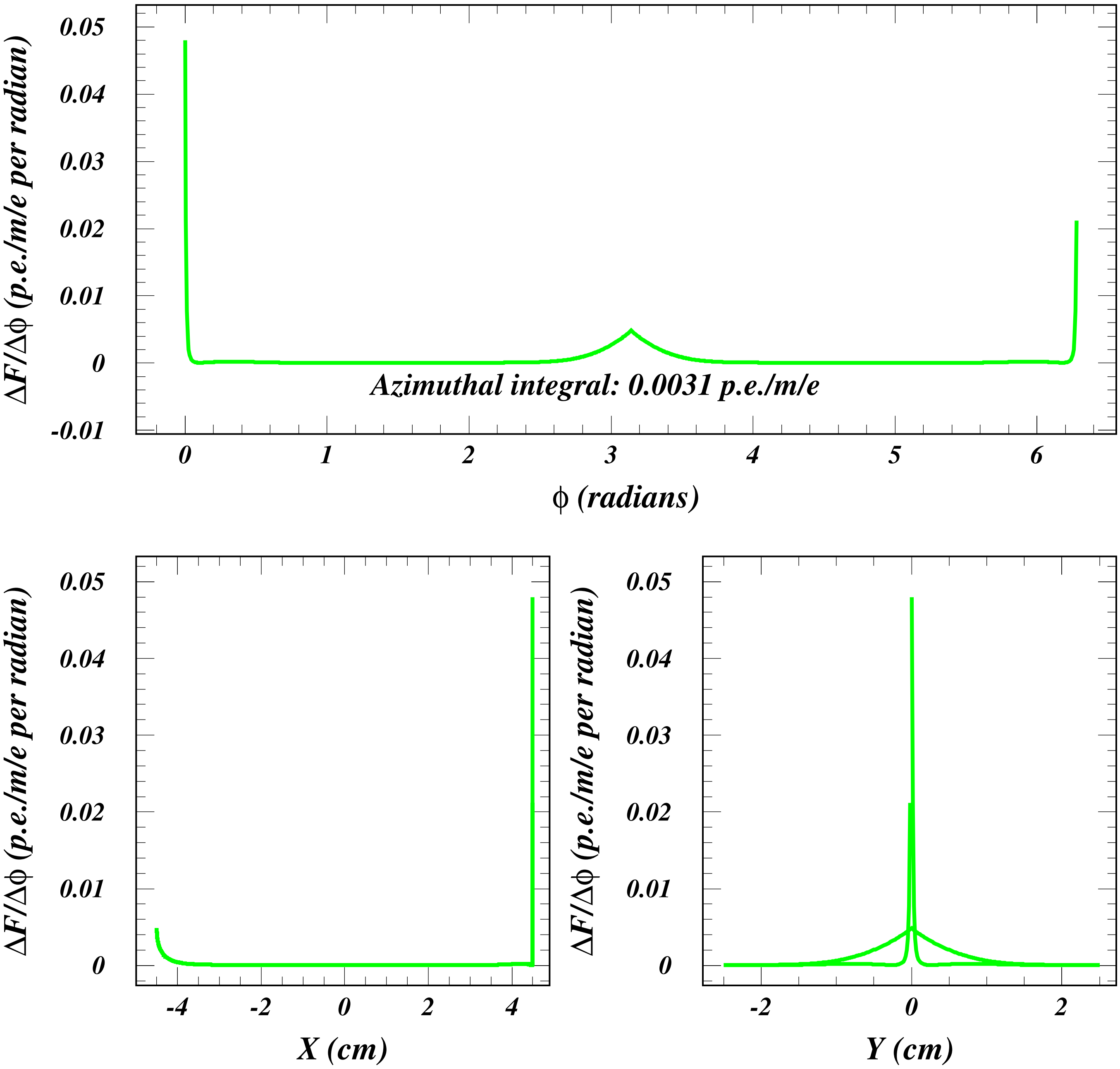
Job 29748: Primary Photoelectrons

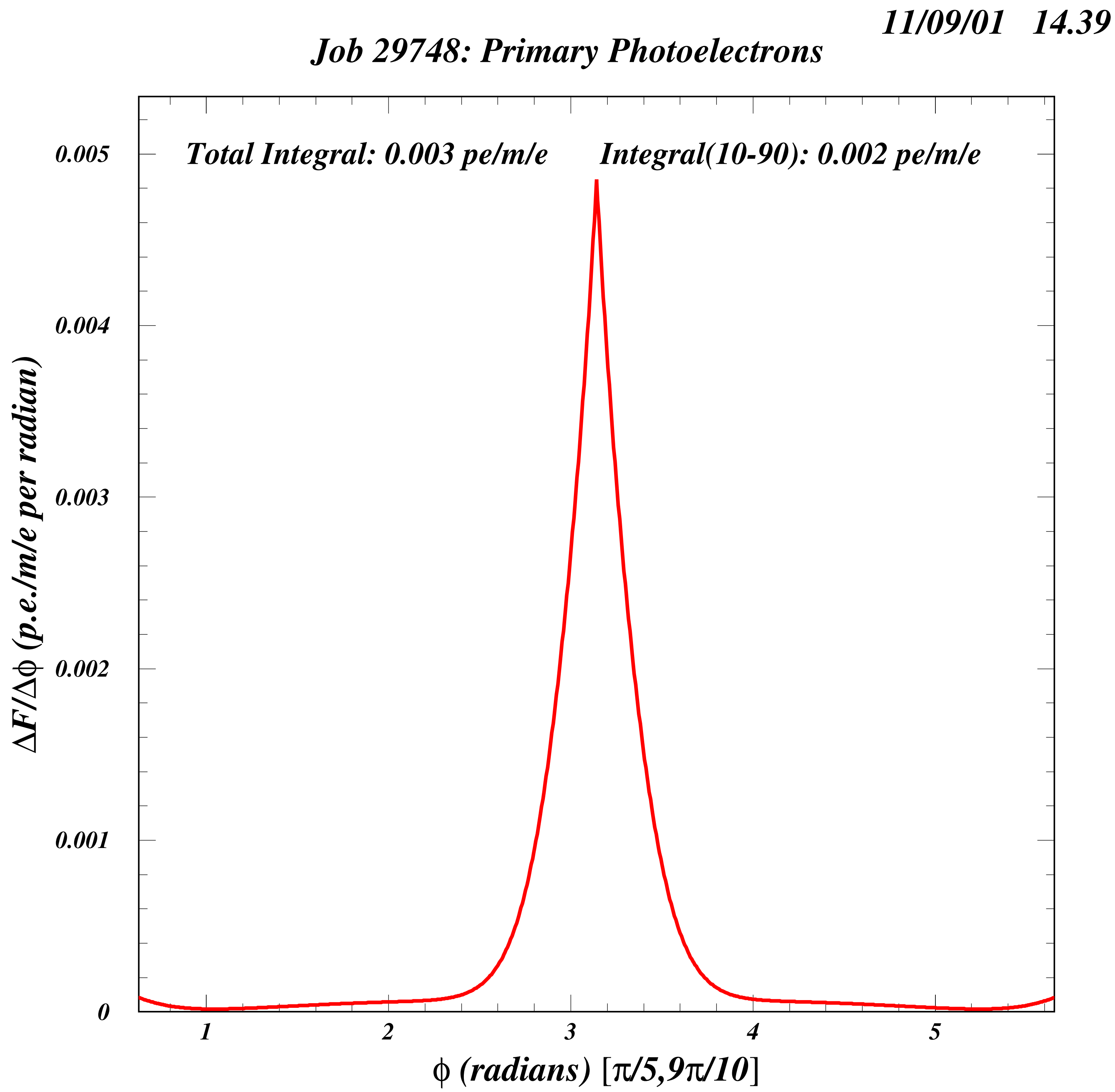



11/09/01 14.39
Job 29748: Primary Photoelectrons
Direct Photons
Reflected Photons
Energy Generation Function
1
10 -1
10 -2
10 -3
10 -4
10 -5
10 -1
1
10
10 2
10 3
10 4
Photoelectron Energy (evV)

11/09/01 14.39

Job 29748: Primary Photoelectrons




11/09/01 14.39
Job 29748: Primary Photoelectrons
Total Integral: 0.003 pe/m/e
Integral(10-90): 0.002 pe/m/e
ΔF/Δφ (p.e./m/e per radian)
0.005
0.004
0.003
0.002
0.001
0
1
2
3
4
5
φ (radians) [π/5,9π/10]