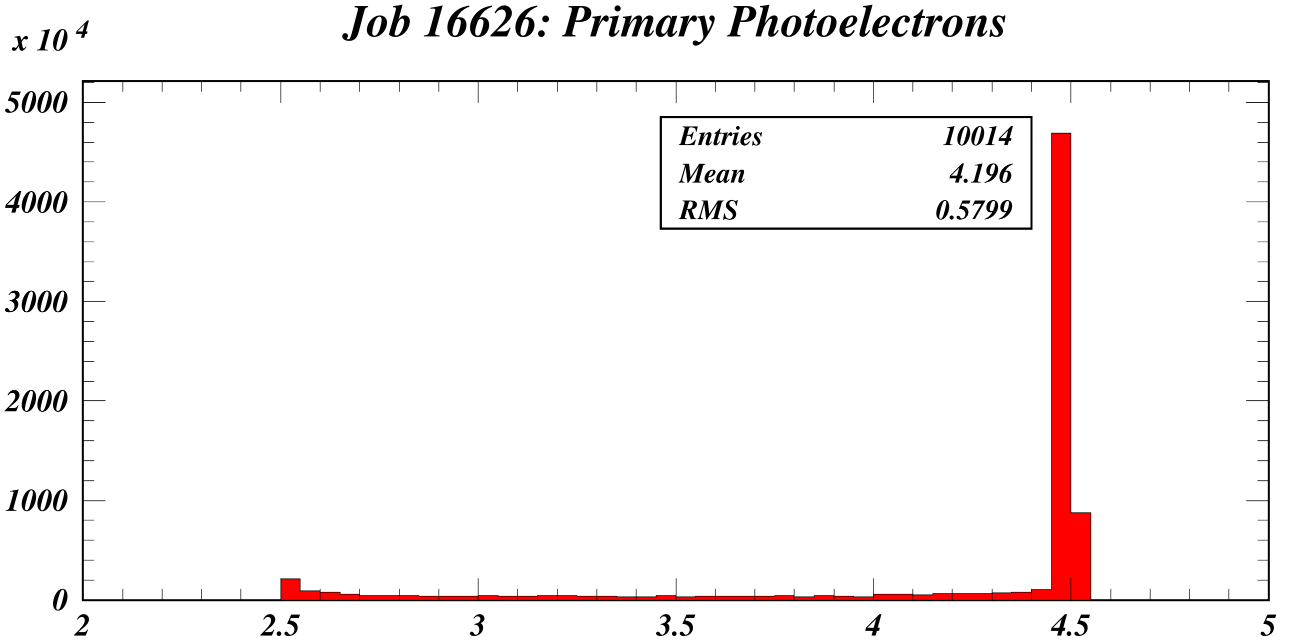
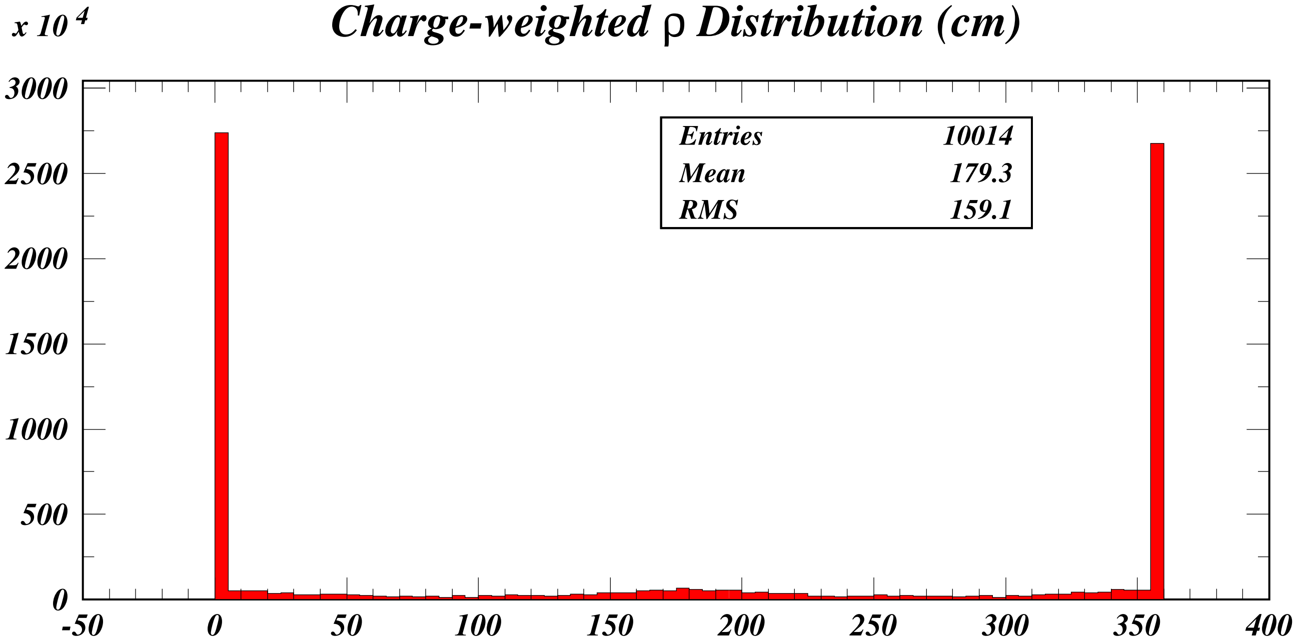
10/07/15 16.40

Job 16626: Primary Photoelectrons



Charge-weighted ρ Distribution (cm)



Charge-weighted ϕ Distribution (degrees)

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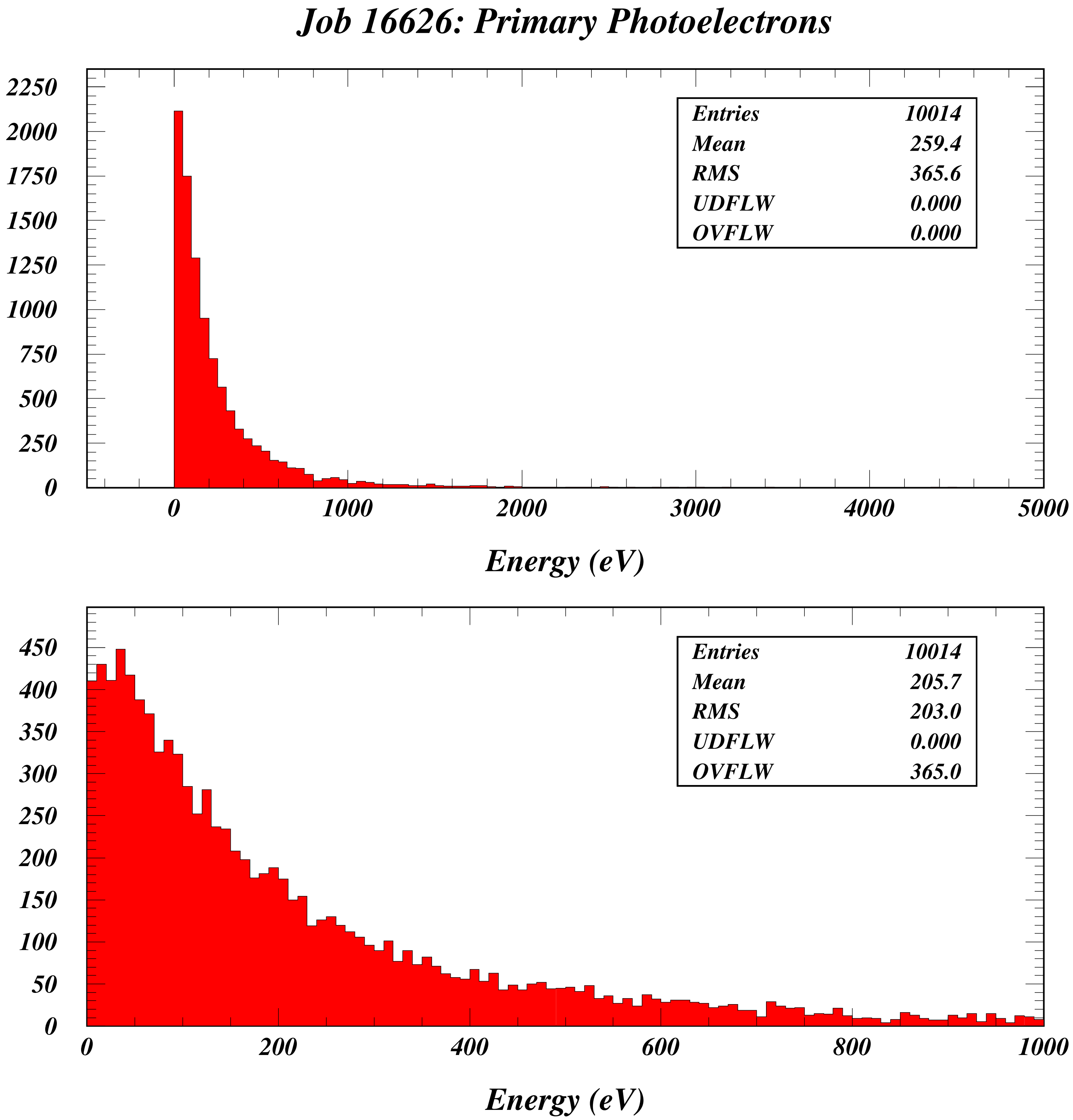
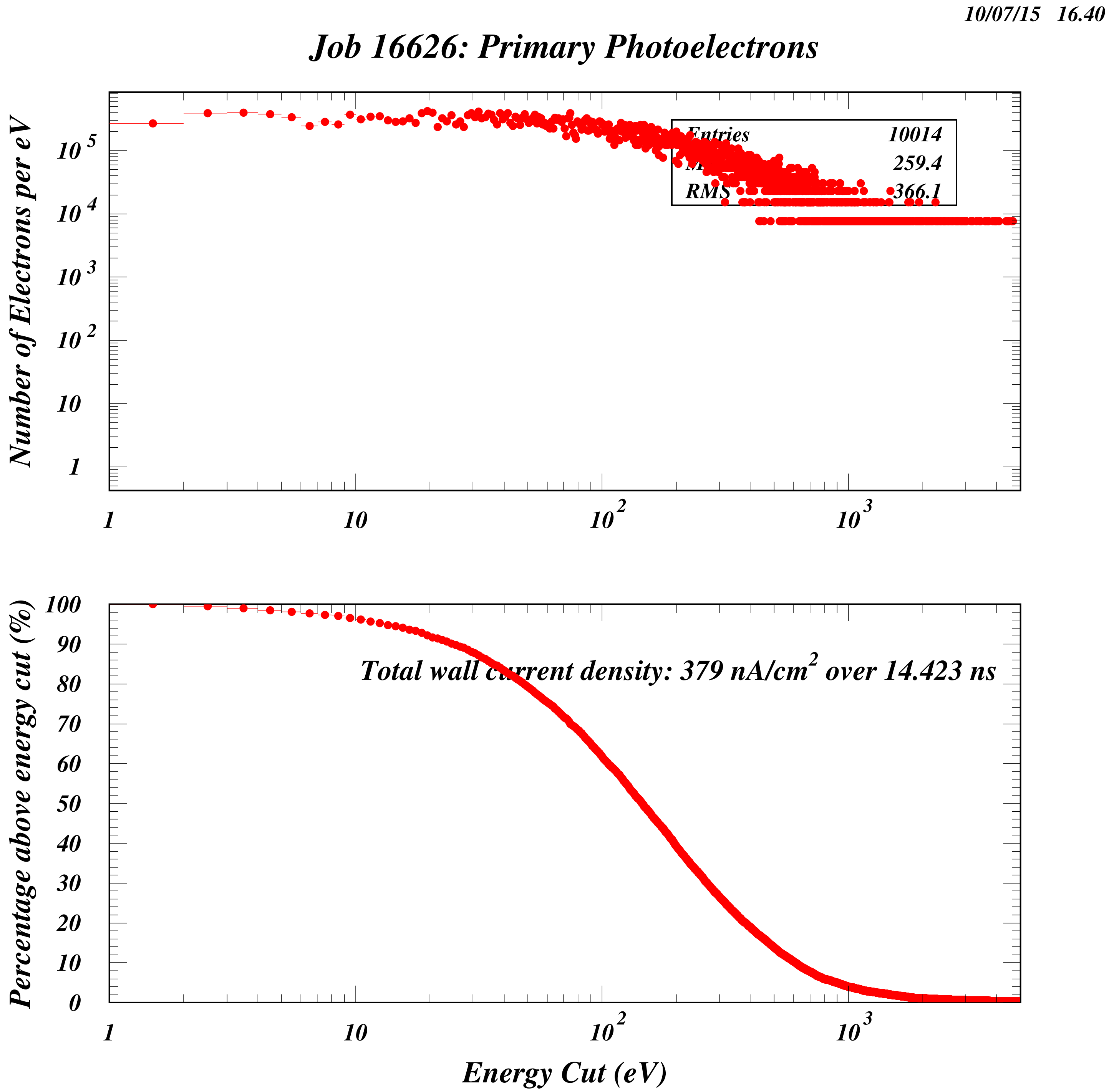
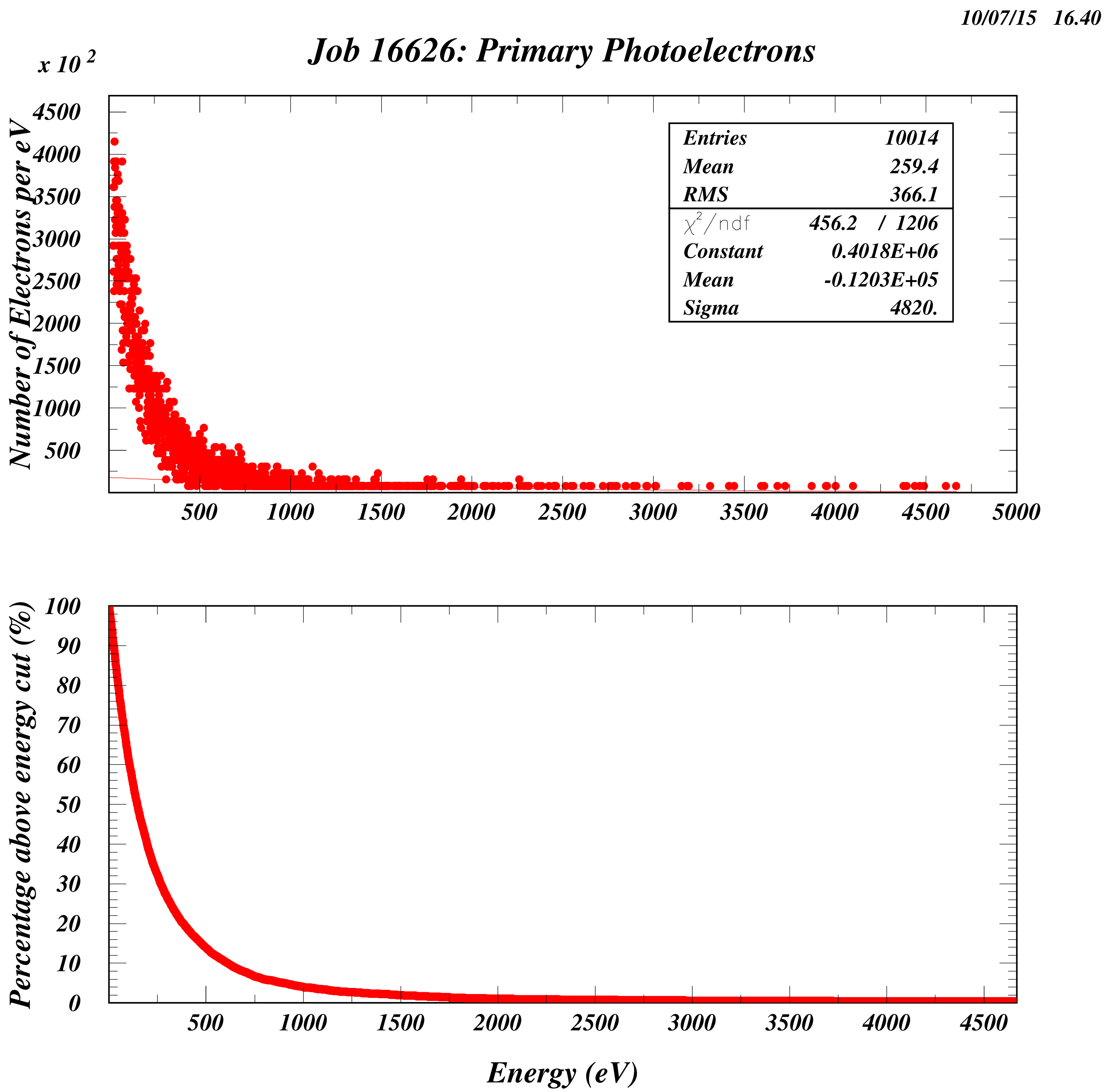

Job 16626: Primary Photoelectrons
Entries 10014
Mean 259.4
RMS 365.6
UDFLW 0.000
OVFLW 0.000
2250
2000
1750
1500
1250
1000
750
500
250
0
0
1000
2000
3000
4000
5000
Energy (eV)
Entries 10014
Mean 205.7
RMS 203.0
UDFLW 0.000
OVFLW 365.0
450
400
350
300
250
200
150
100
50
0
0
200
400
600
800
1000
Energy (eV)


10/07/15 16.40
Job 16626: Primary Photoelectrons
Number of Electrons per eV
Entries 10014
259.4
RMS 366.1
1
10
10^2
10^3
10^4
10^5
Percentage above energy cut (%)
Total wall current density: 379 nA/cm^2 over 14.423 ns
0
10
20
30
40
50
60
70
80
90
100
Energy Cut (eV)



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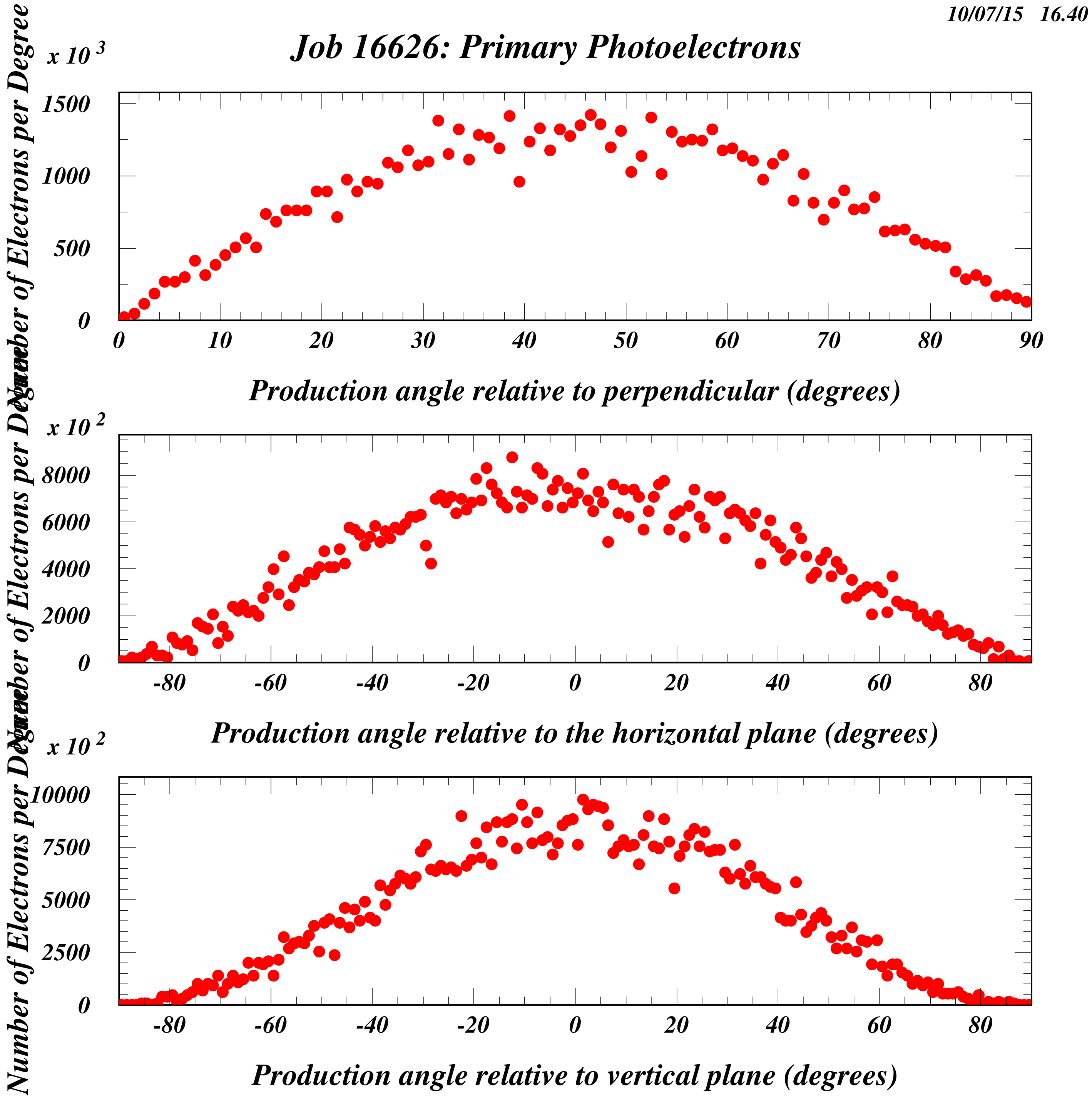
Job 16626: Primary Photoelectrons
x 10 2
Number of Electrons per eV
Entries 10014
Mean 259.4
RMS 366.1
χ2/ndf 456.2 / 1206
Constant 0.4018E+06
Mean -0.1203E+05
Sigma 4820.
Percentage above energy cut (%)
Energy (eV)


10/07/15 16.40
Job 16626: Primary Photoelectrons
Number of Electrons per Degree
x 10^3
1500
1000
500
0
0 10 20 30 40 50 60 70 80 90
Production angle relative to perpendicular (degrees)
Number of Electrons per Degree
x 10^2
8000
6000
4000
2000
0
-80 -60 -40 -20 0 20 40 60 80
Production angle relative to the horizontal plane (degrees)
Number of Electrons per Degree
x 10^2
10000
7500
5000
2500
0
-80 -60 -40 -20 0 20 40 60 80
Production angle relative to vertical plane (degrees)

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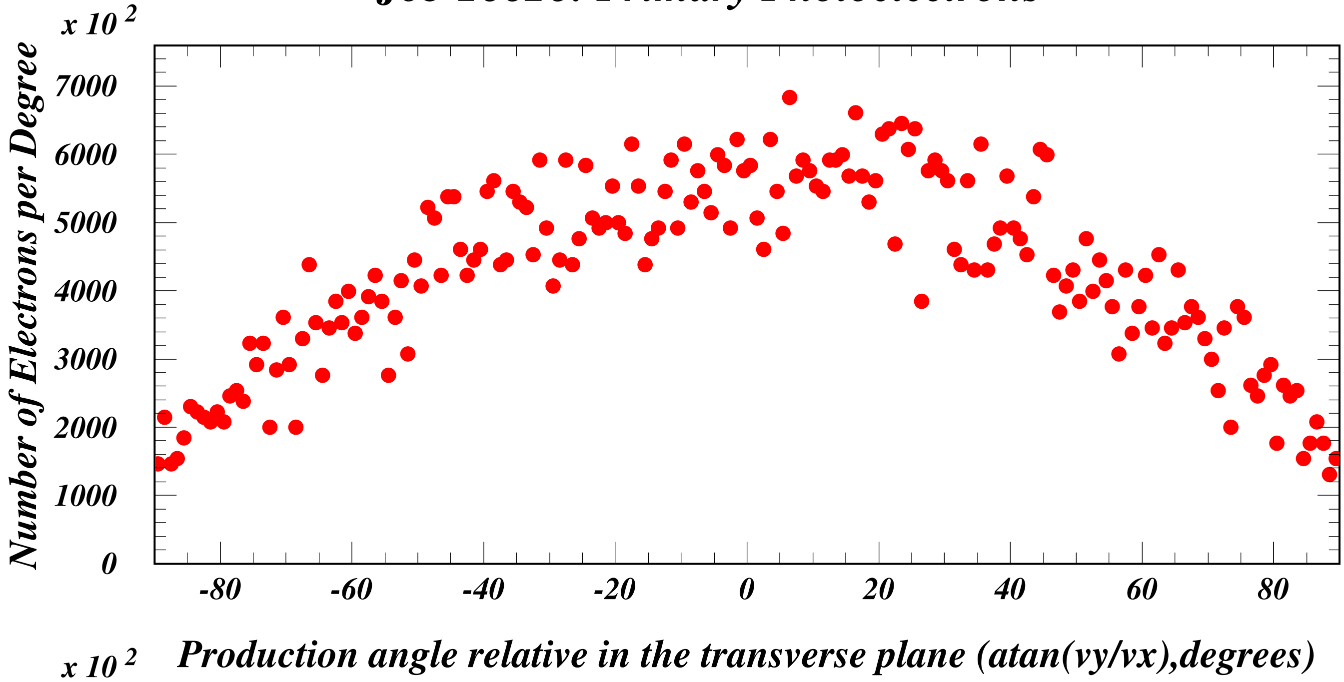
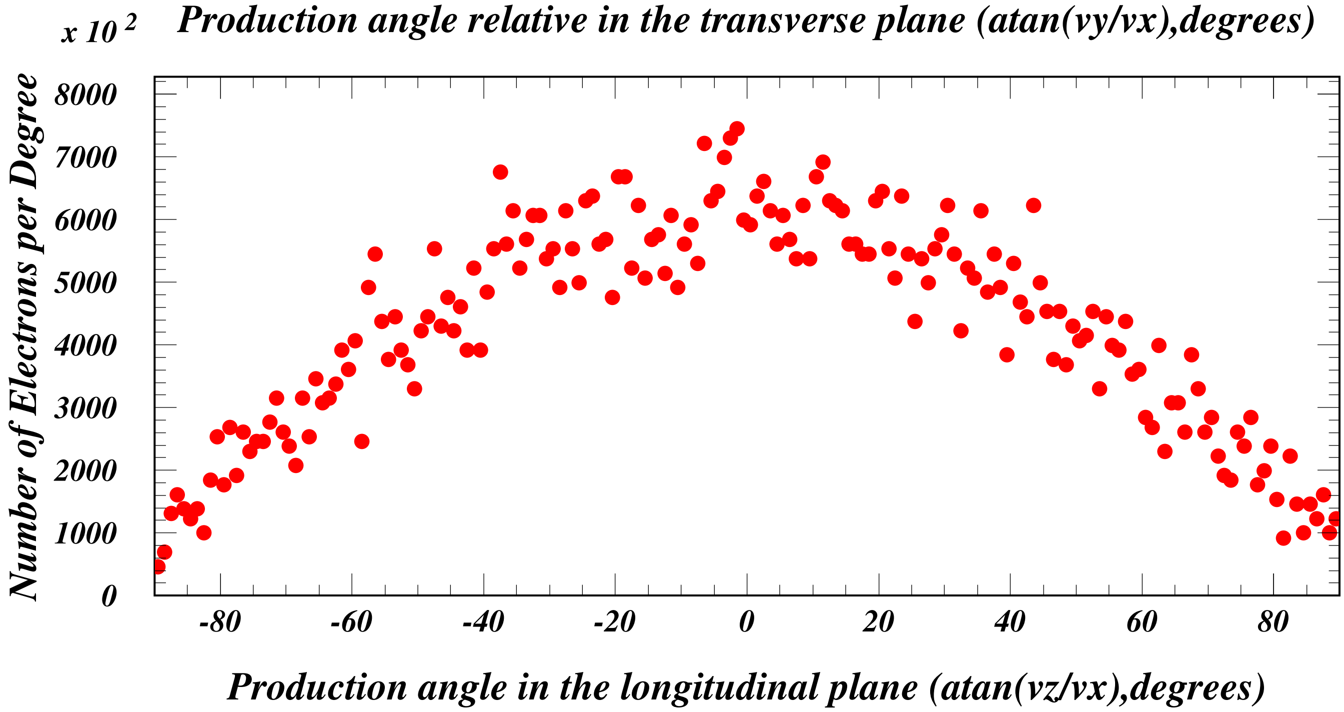
Job 16626: Primary Photoelectrons





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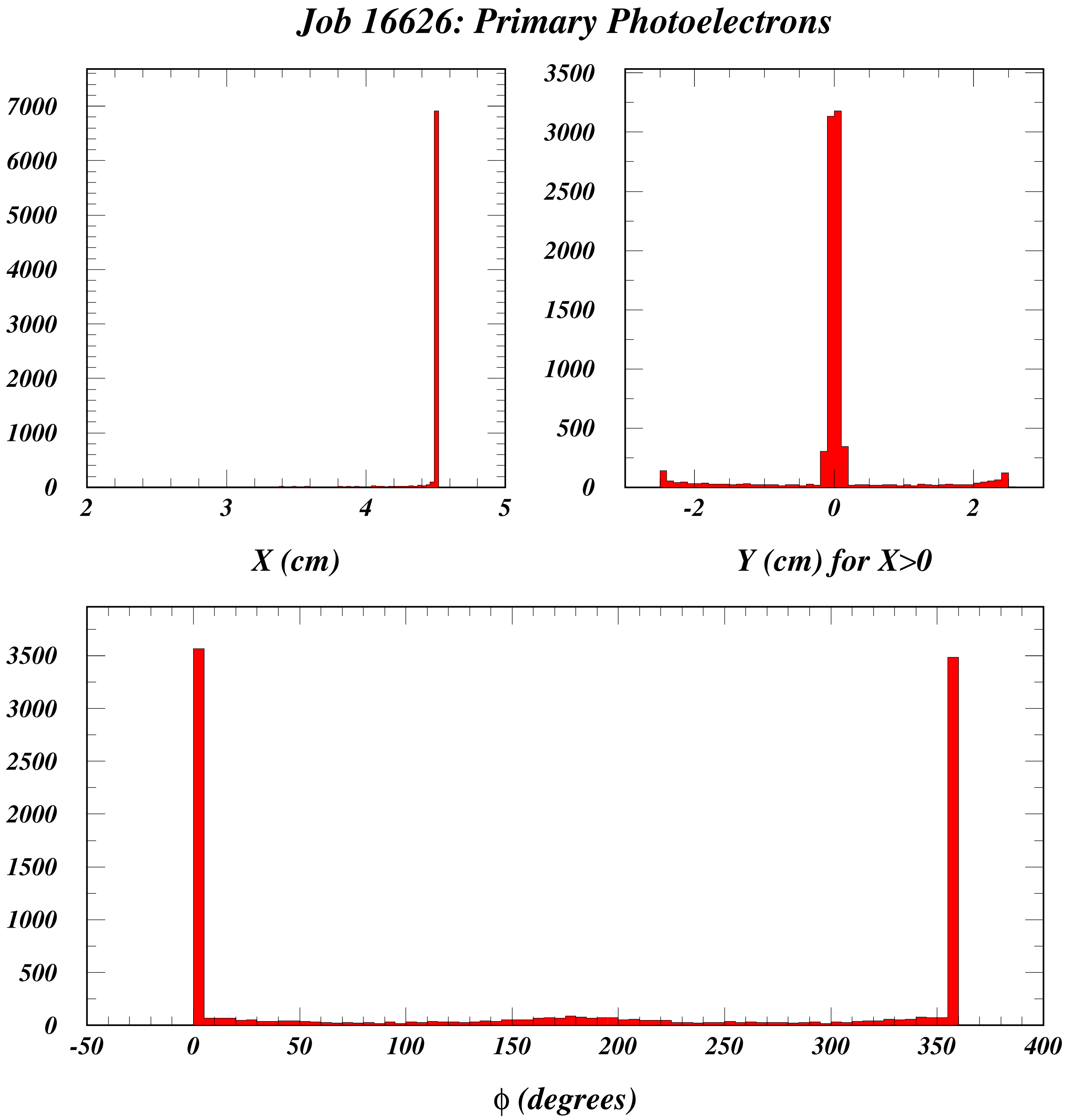
Job 16626: Primary Photoelectrons
7000
6000
5000
4000
3000
2000
1000
0
2
3
4
5
X (cm)
3500
3000
2500
2000
1500
1000
500
0
-2
0
2
Y (cm) for X>0
3500
3000
2500
2000
1500
1000
500
0
-50
0
50
100
150
200
250
300
350
400
ϕ (degrees)