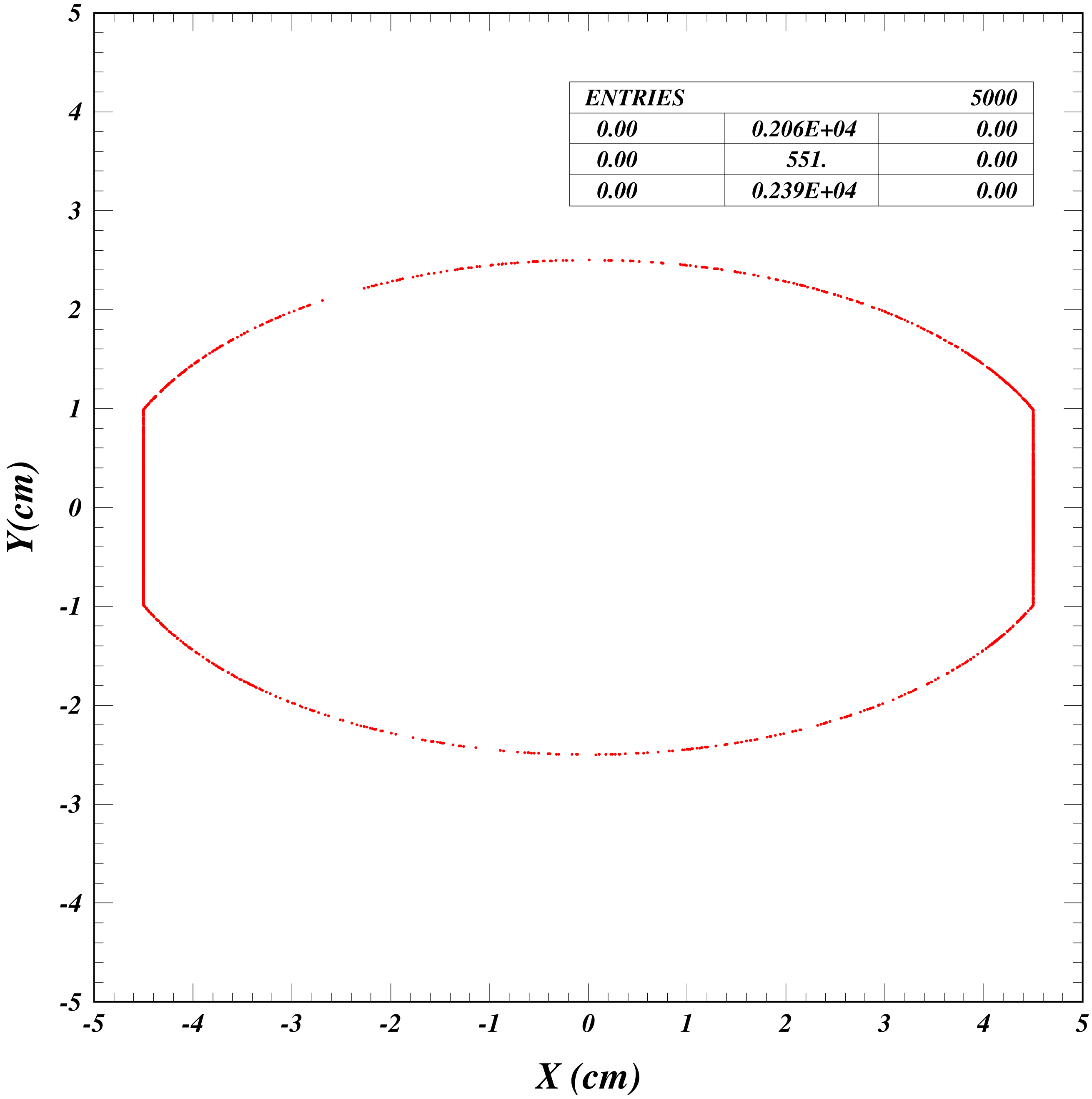
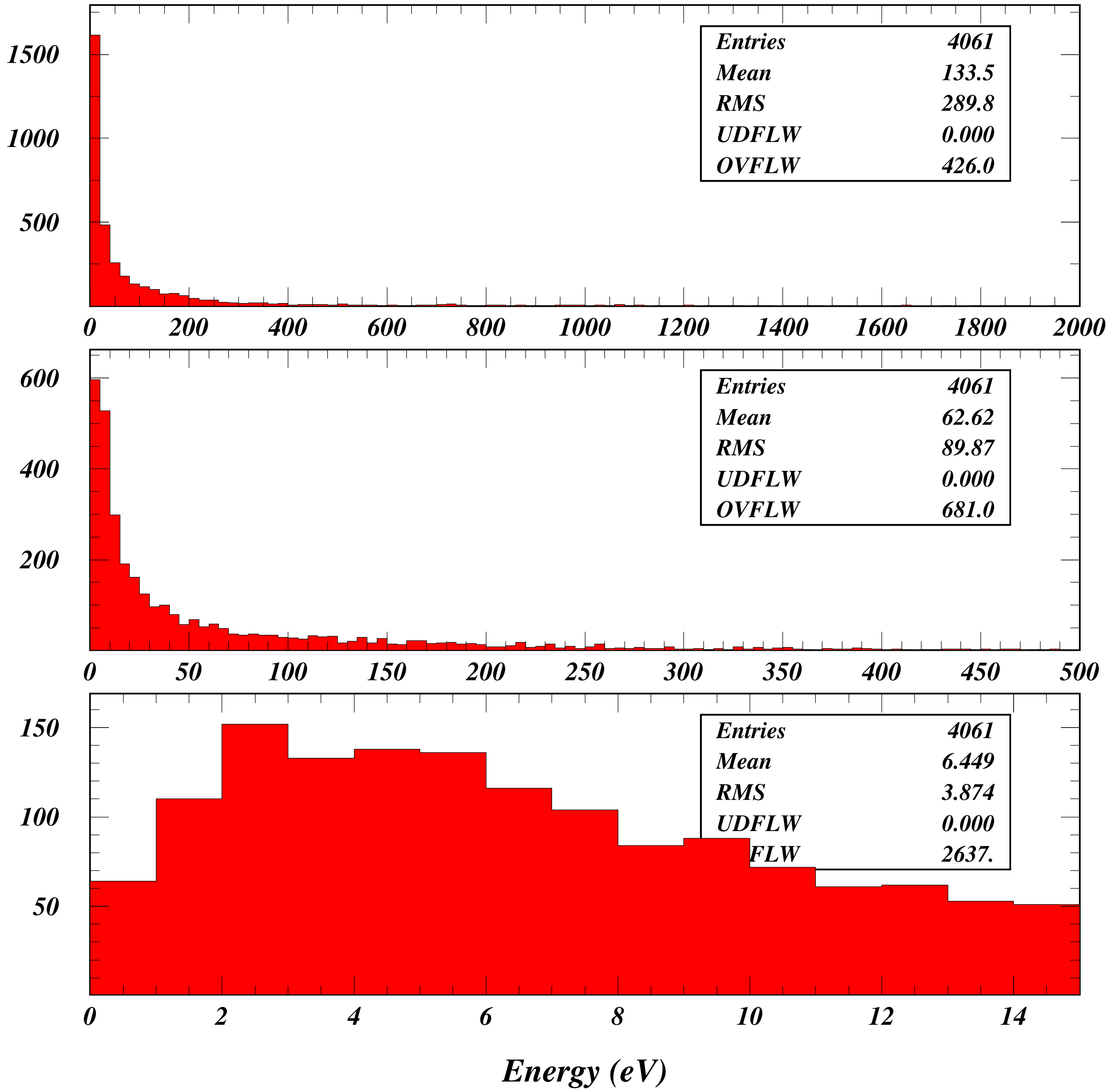
12/07/23 13.58

# Job 32675: Photoelectron Production Distributions



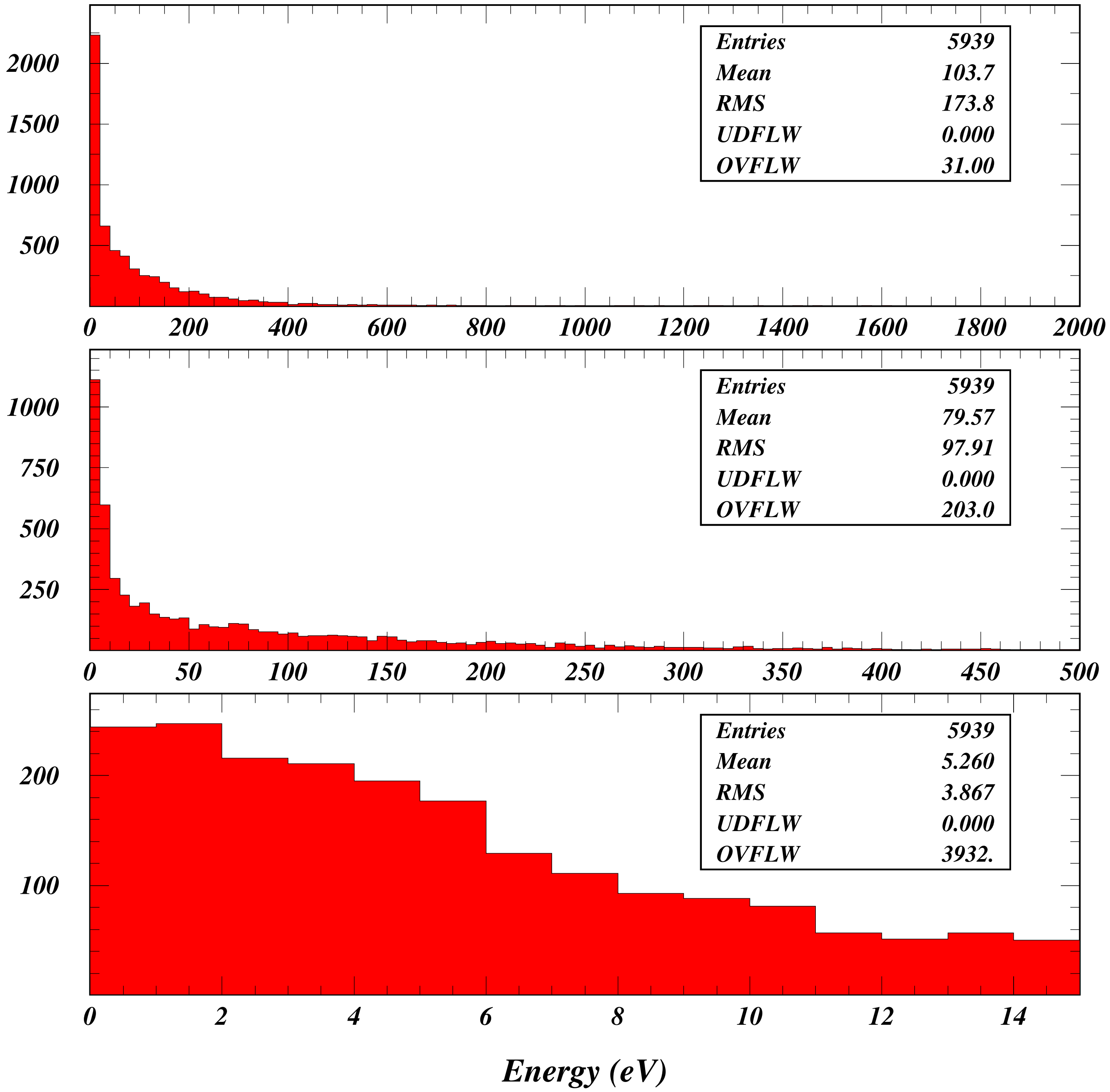
12/07/23 13.58

# Job 32675: Photoelectrons from Direct Photons



12/07/23 13.58

# Job 32675: Photoelectrons from Reflected Photons



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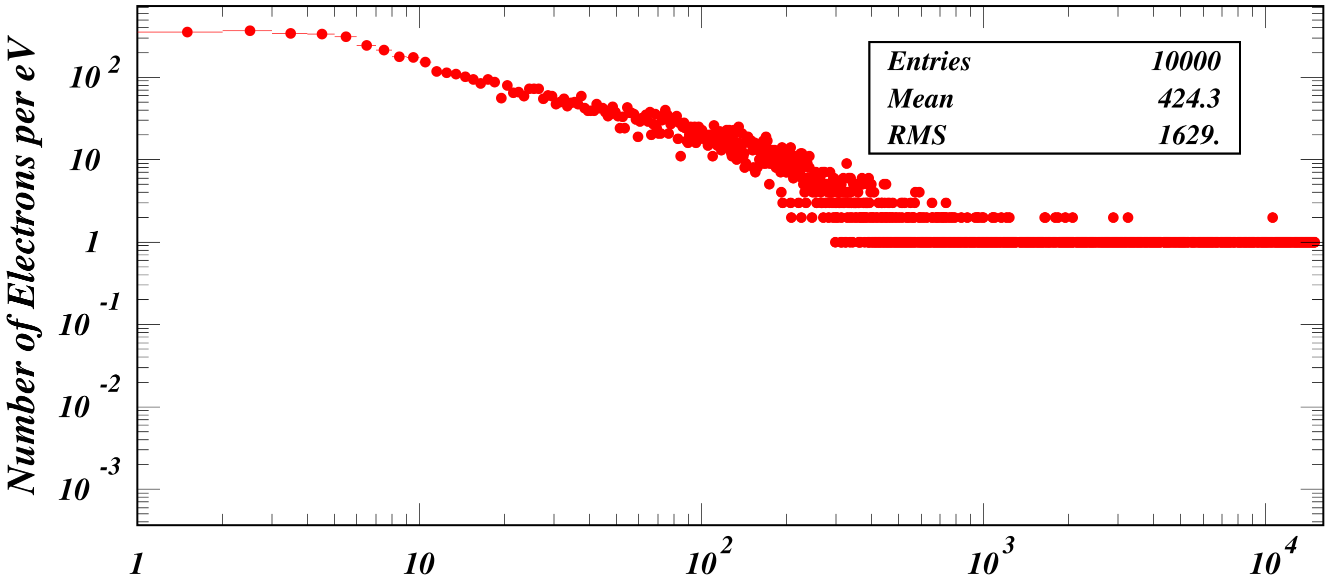
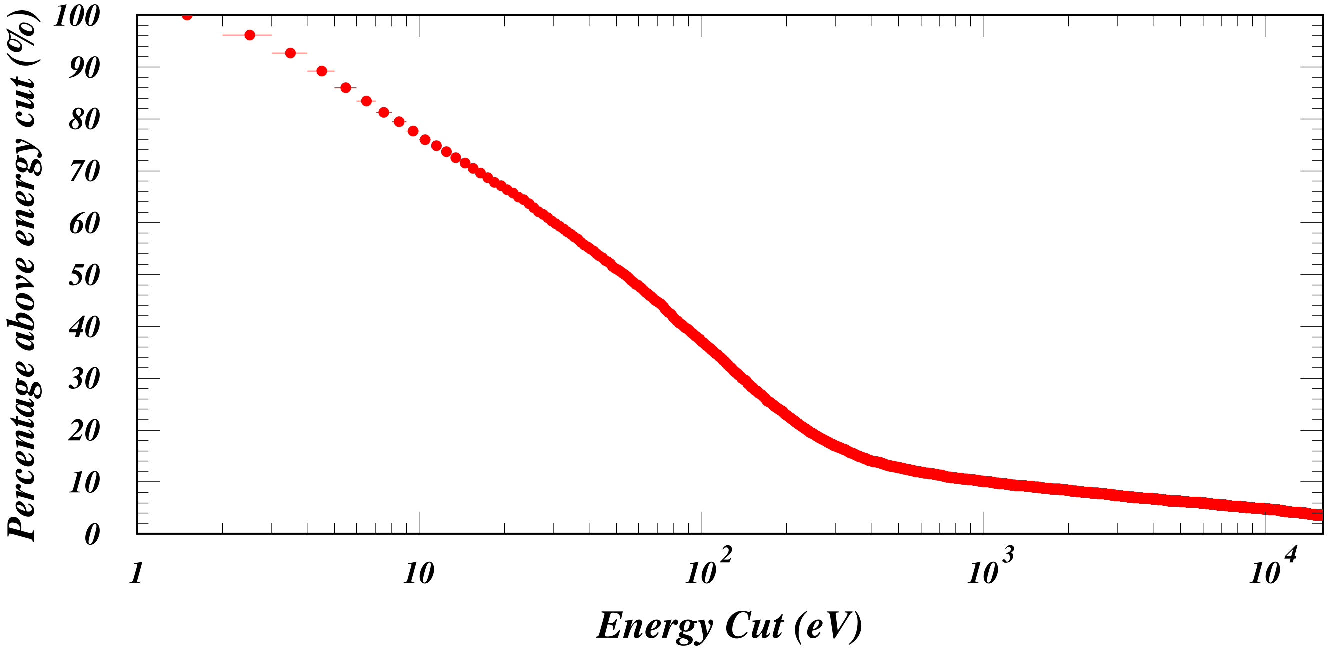
# Job 32675: Photoelectron Energies



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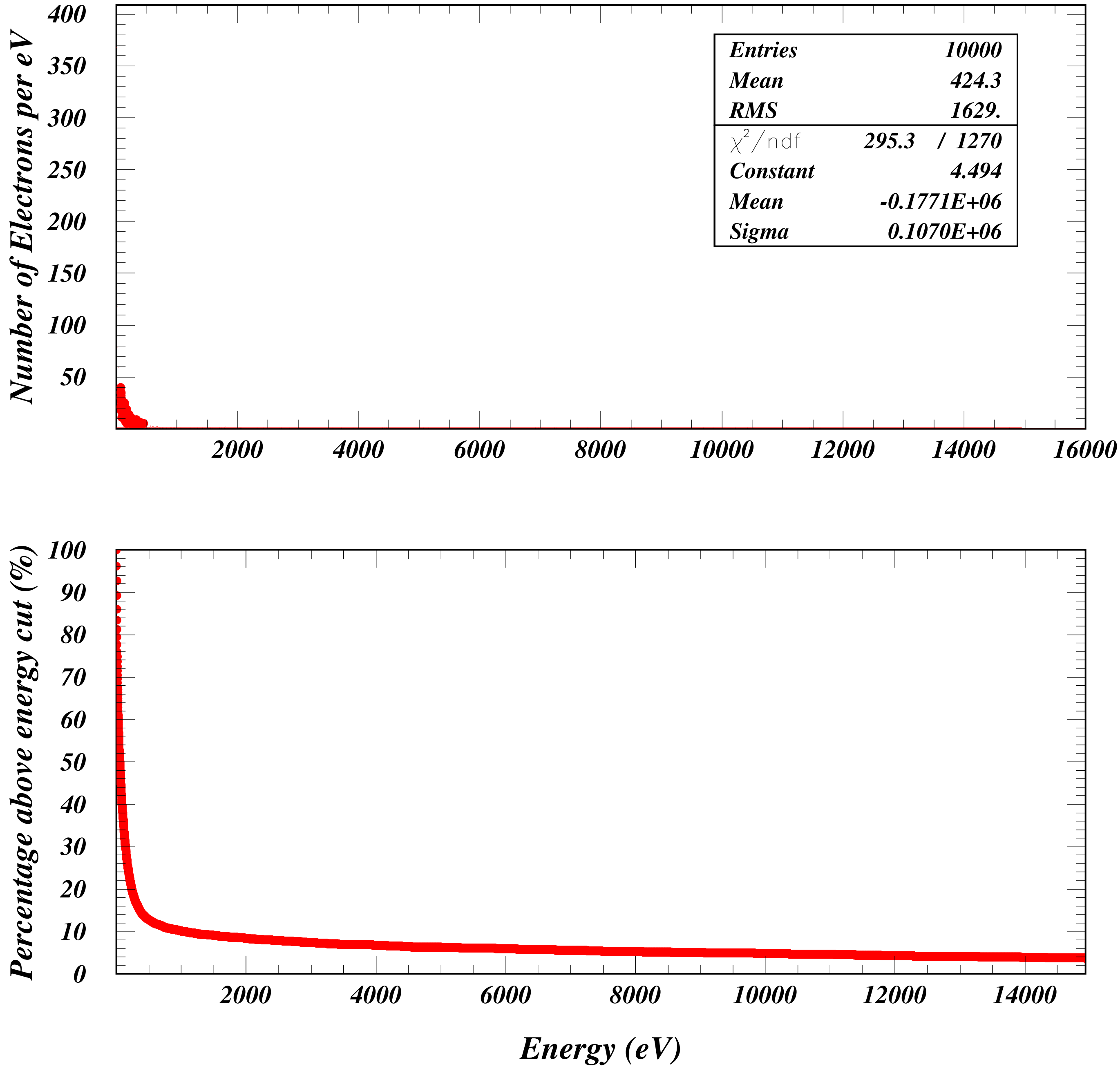
# Job 32675: Photoelectron Energies



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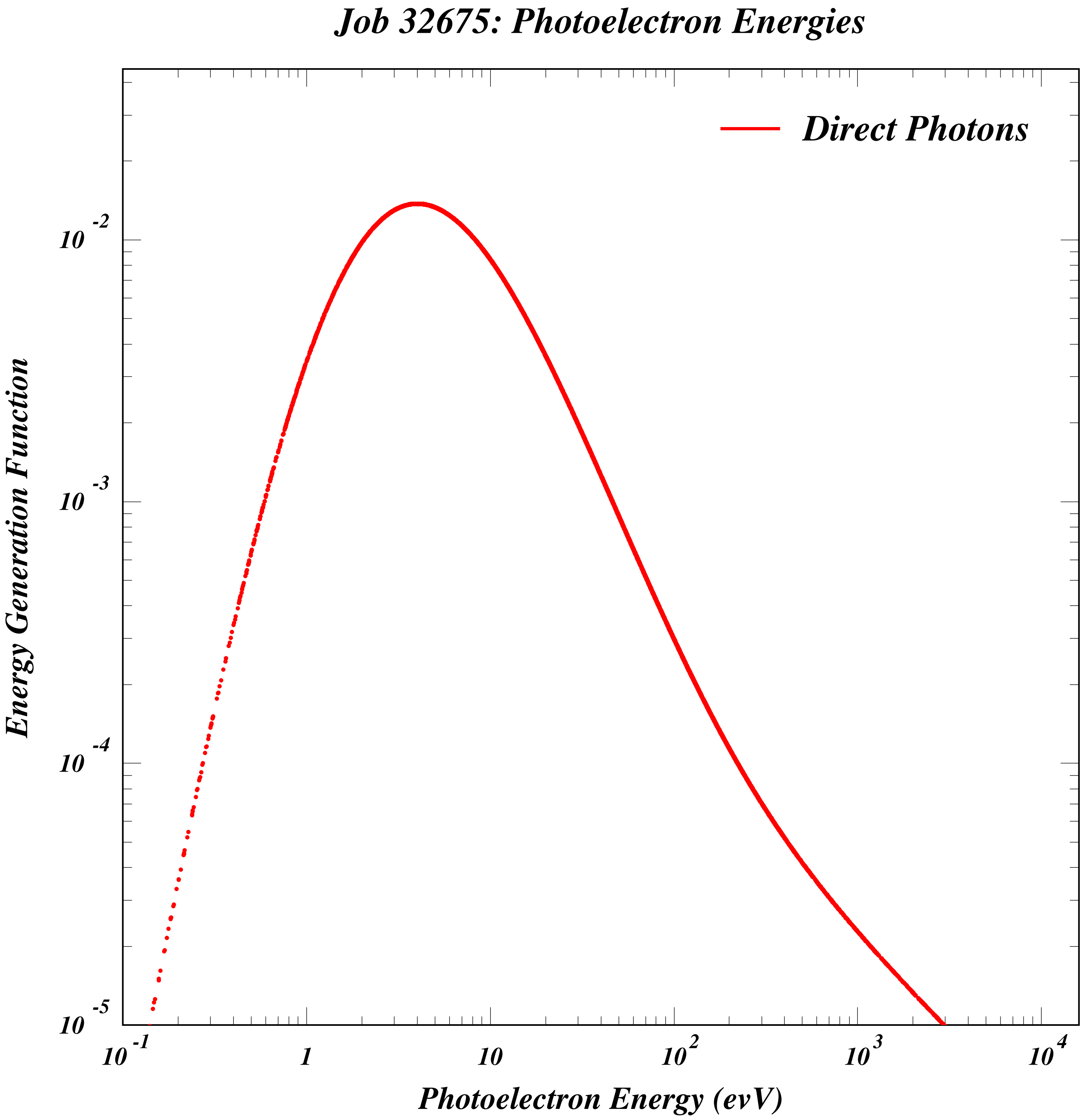
Job 32675: Photoelectron Energies
Direct Photons
Energy Generation Function
10 -2
10 -3
10 -4
10 -5
10 -1
1
10
10 2
10 3
10 4
Photoelectron Energy (evV)

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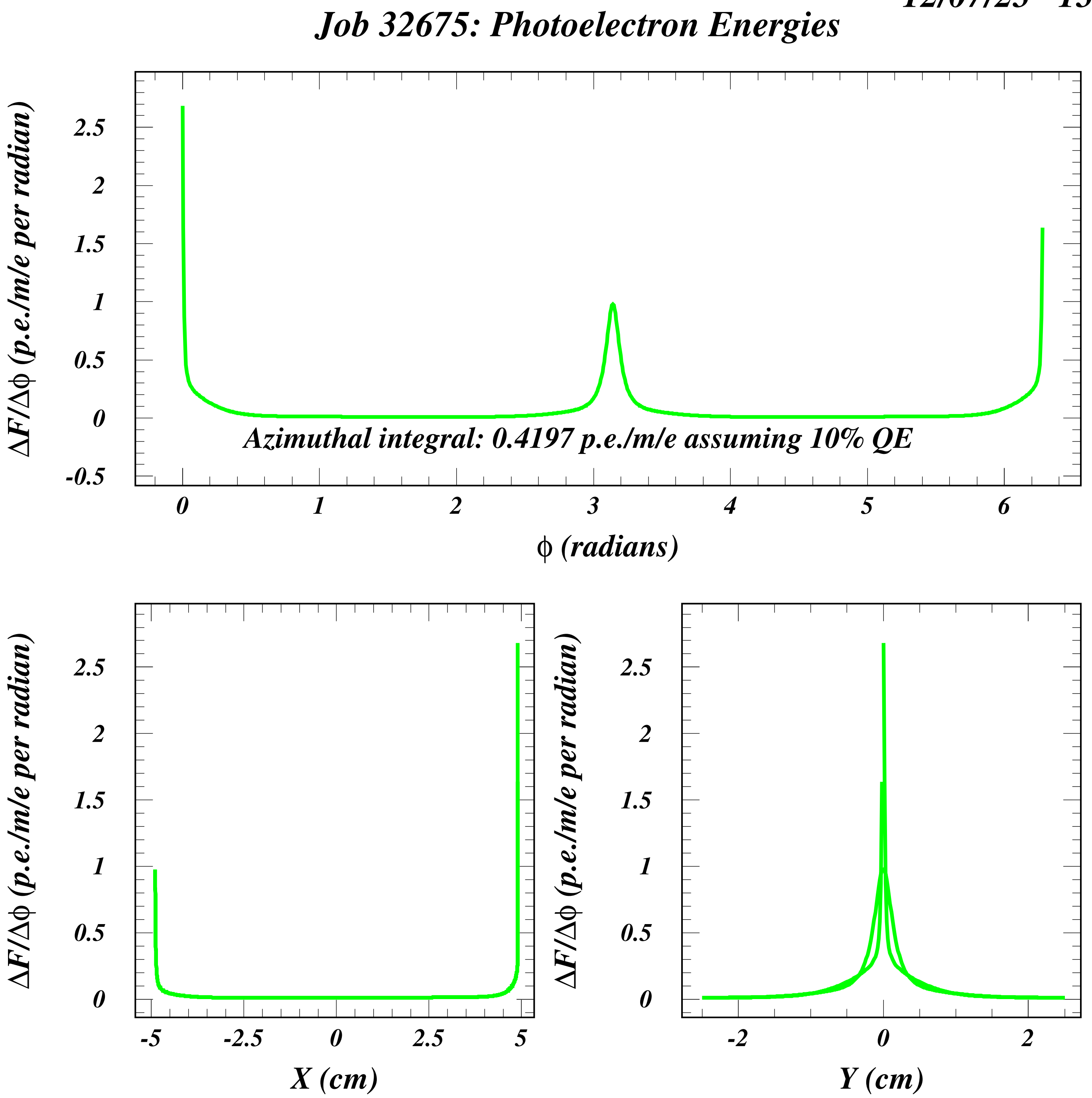
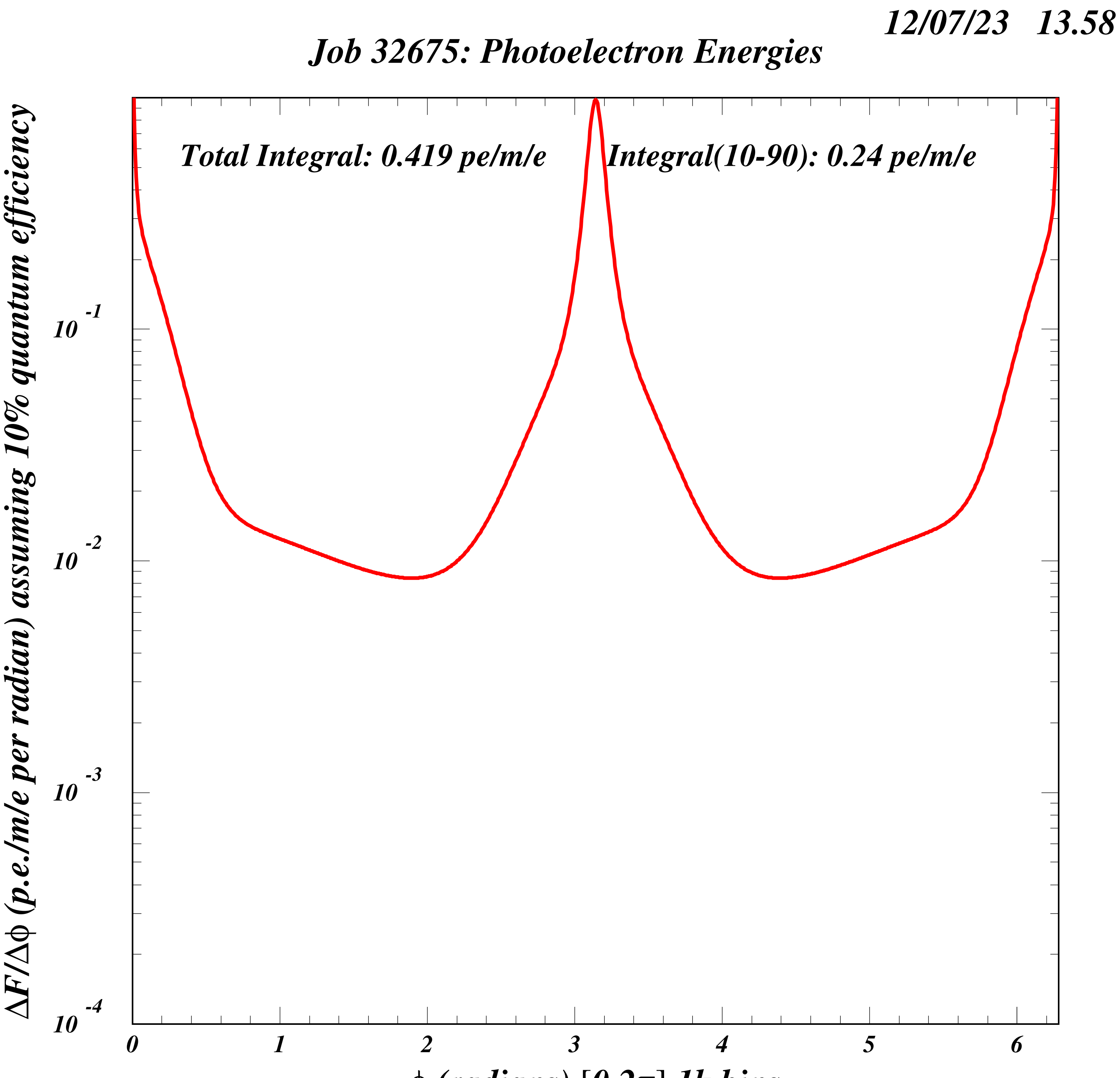


Job 32675: Photoelectron Energies
ΔF/Δϕ (p.e./m/e per radian)
2.5
2
1.5
1
0.5
0
-0.5
Azimuthal integral: 0.4197 p.e./m/e assuming 10% QE
0
1
2
3
4
5
6
ϕ (radians)
ΔF/Δϕ (p.e./m/e per radian)
-5
-2.5
0
2.5
5
X (cm)
ΔF/Δϕ (p.e./m/e per radian)
-2
0
2
Y (cm)


12/07/23 13.58
Job 32675: Photoelectron Energies
Total Integral: 0.419 pe/m/e
Integral(10-90): 0.24 pe/m/e
ΔF/Δϕ (p.e./m/e per radian) assuming 10% quantum efficiency
10 -1
10 -2
10 -3
10 -4
0
1
2
3
4
5
6
ϕ (radians) [0,2π] 1k bins