

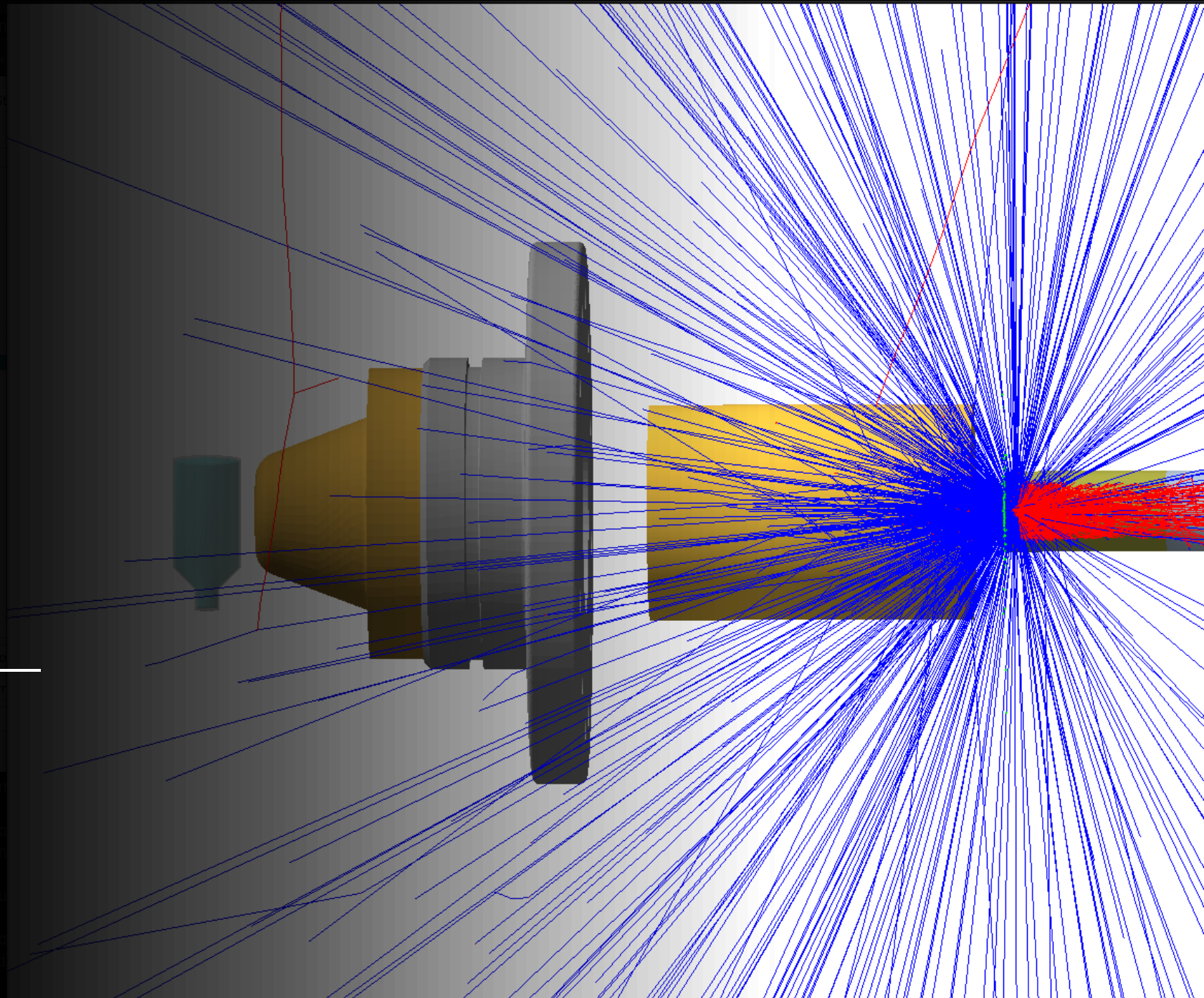
**THE  
UNIVERSITY OF  
ILLINOIS  
AT  
CHICAGO**



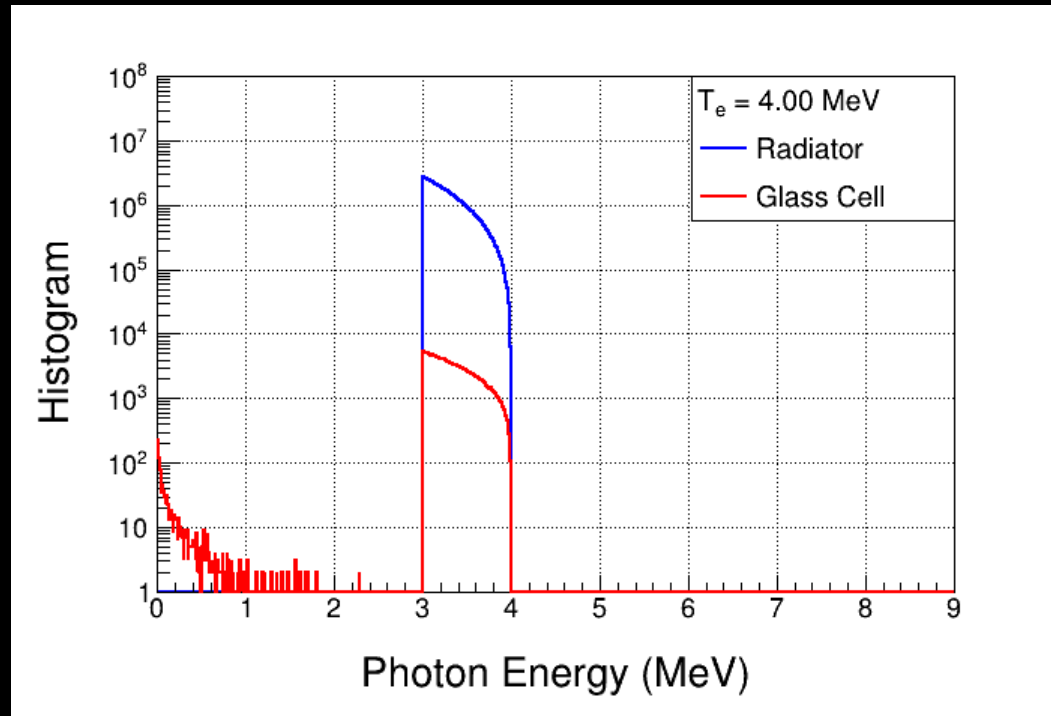
# Bubble Update 2/21/2021

---

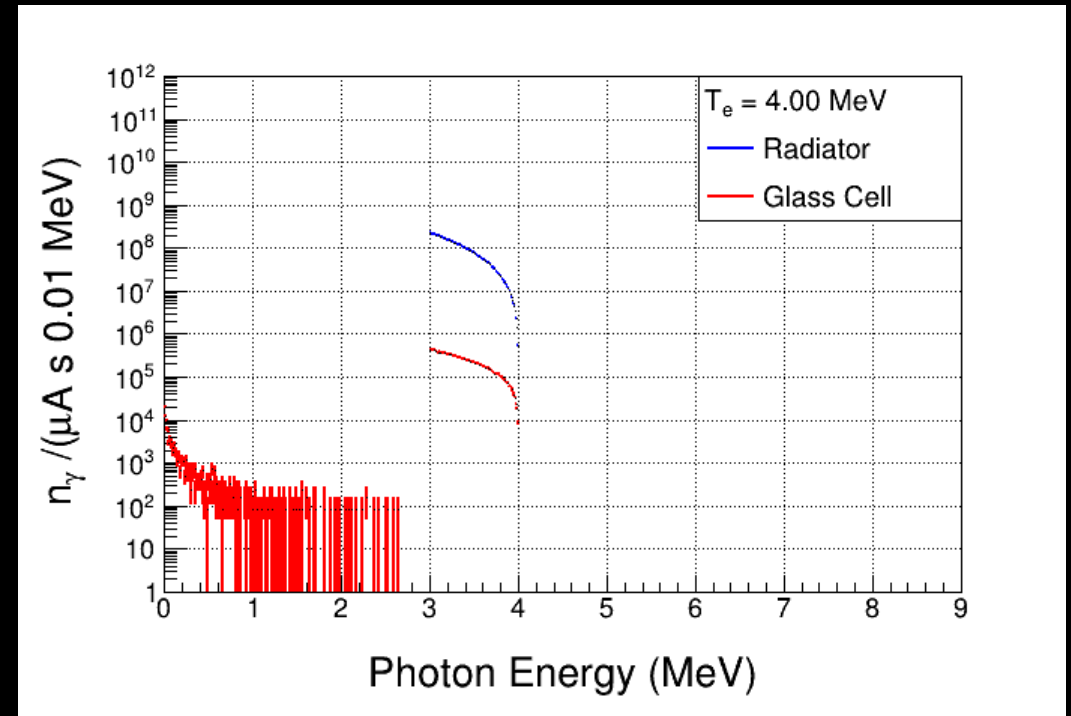
**David Neto**



# 4.00 MeV 7.6e+10 electrons

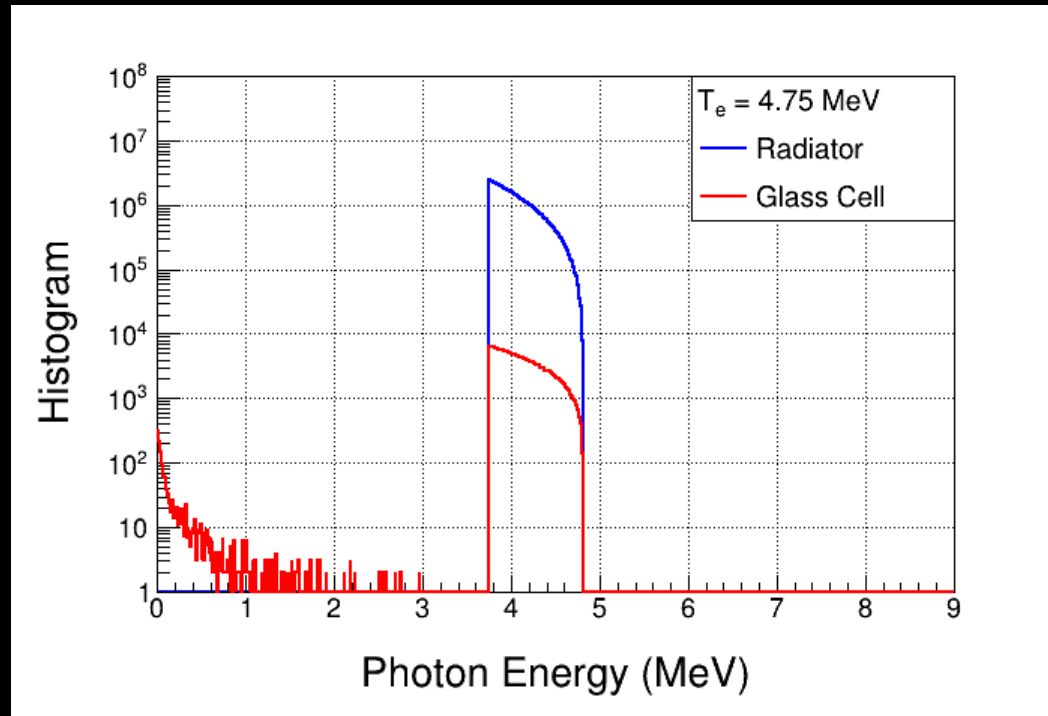


2.72e+5 gammas in cell ( $E > 3$  MeV)  
5.46e+3 gammas in last 100 KeV

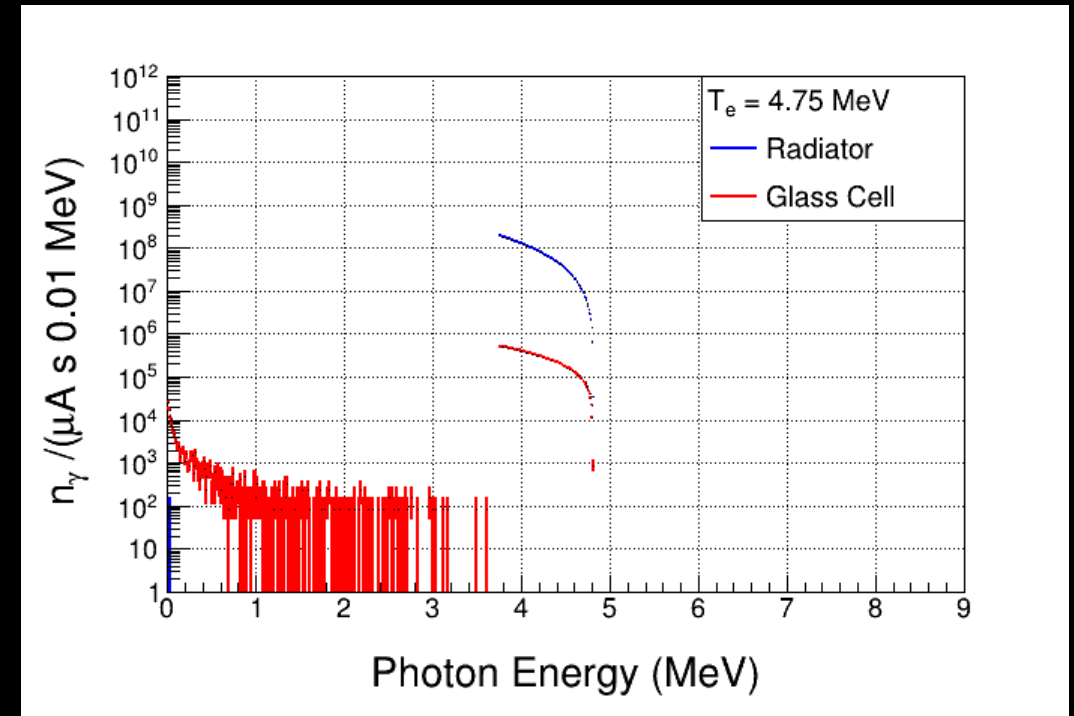


Gammas in glass cell  
2.2357e+7 per uA per s

# 4.75 MeV 7.7e+10 electrons

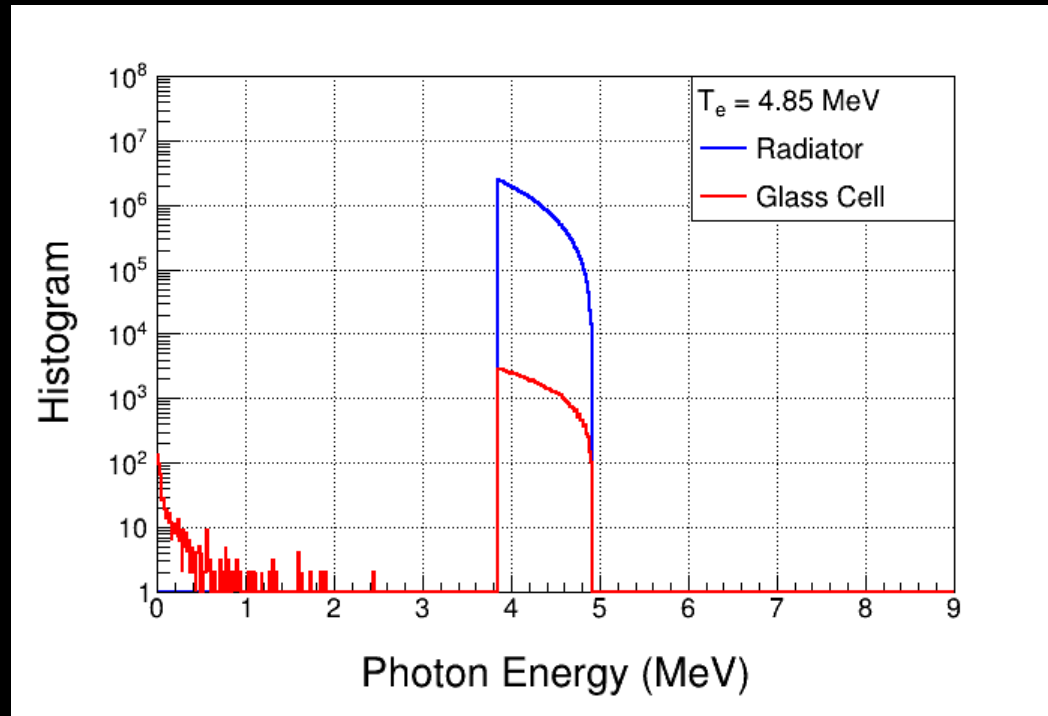


3.63e+5 gammas in cell ( $E > 3.75$  MeV)  
1.14e+4 gammas in last 100 KeV

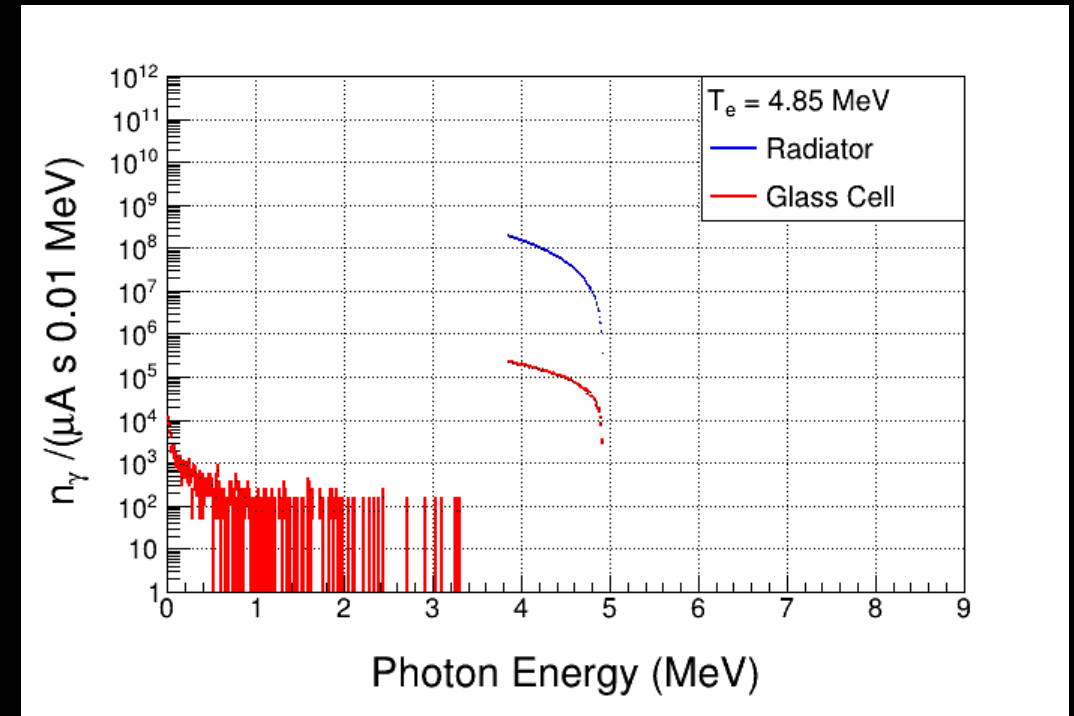


Gammas in glass cell  
2.9392e+7 per uA per s

# 4.85 MeV 8.0e+10 electrons

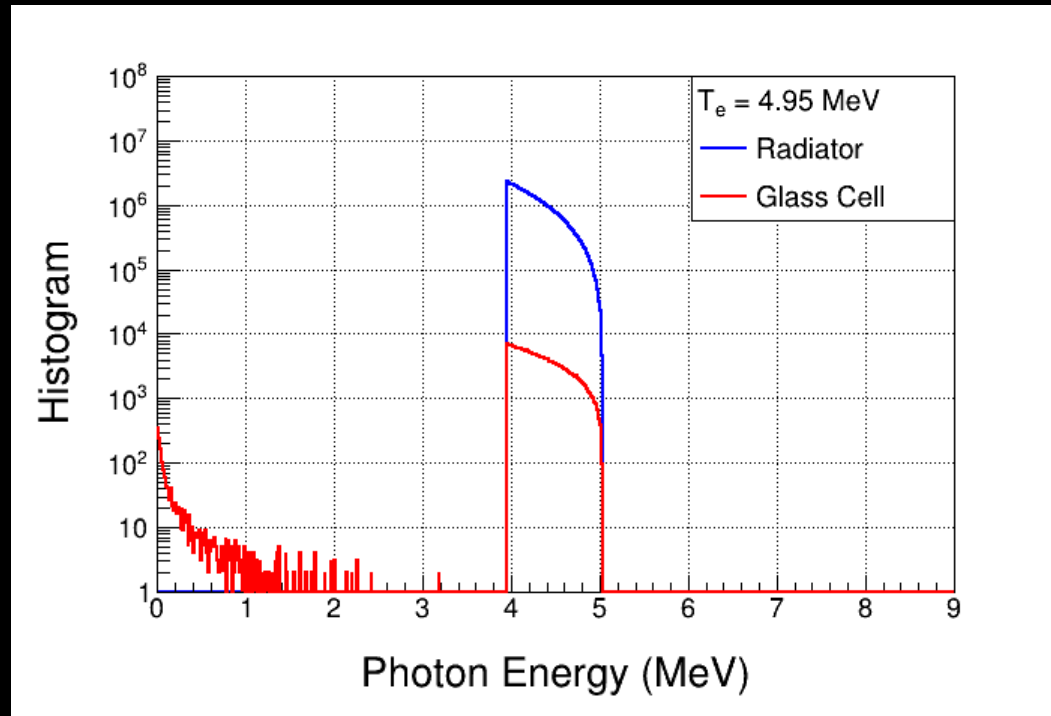


1.62e+5 gammas in cell ( $E > 3.85$  MeV)  
4.87e+3 gammas in last 100 KeV

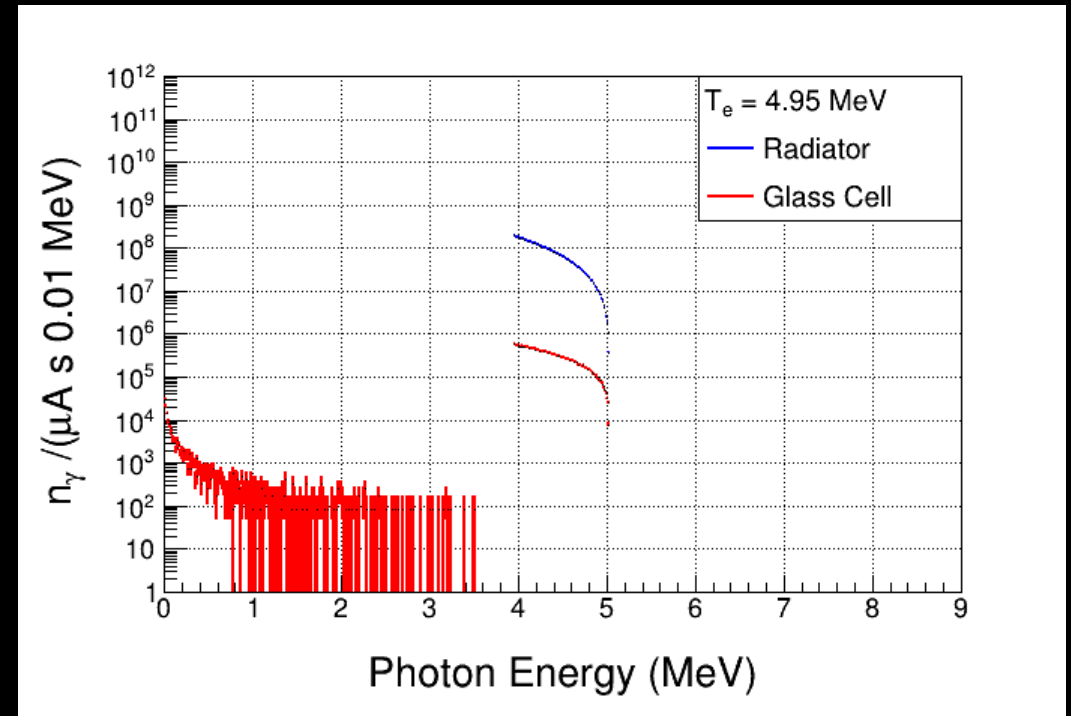


Gammas in glass cell  
1.2603e+7 per uA per s

# 4.95 MeV 7.5e+10 electrons

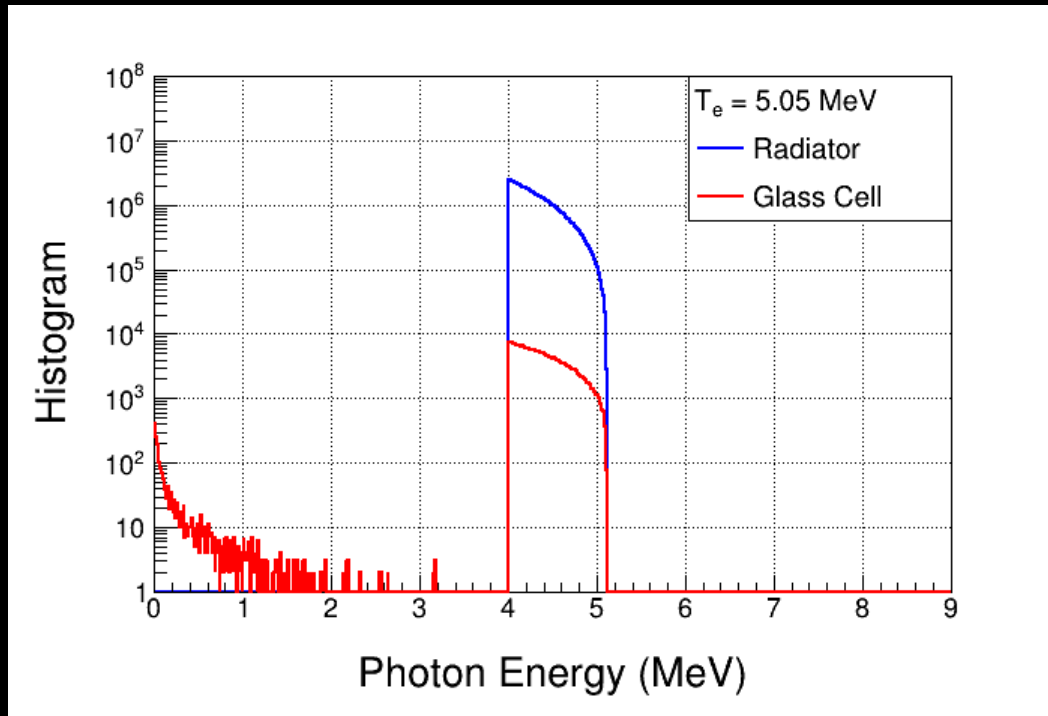


3.87e+5 gammas in cell ( $E > 3.95$  MeV)  
1.31e+4 gammas in last 100 KeV

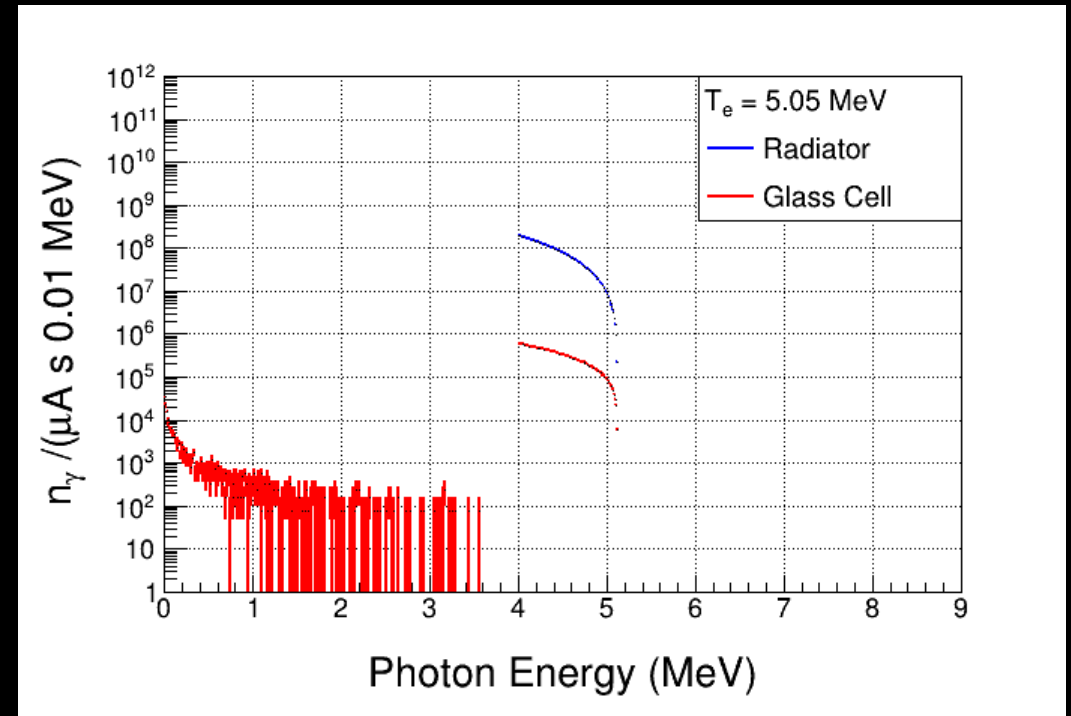


Gammas in glass cell  
3.2210e+7 per uA per s

# 5.05 MeV $7.9e+10$ electrons

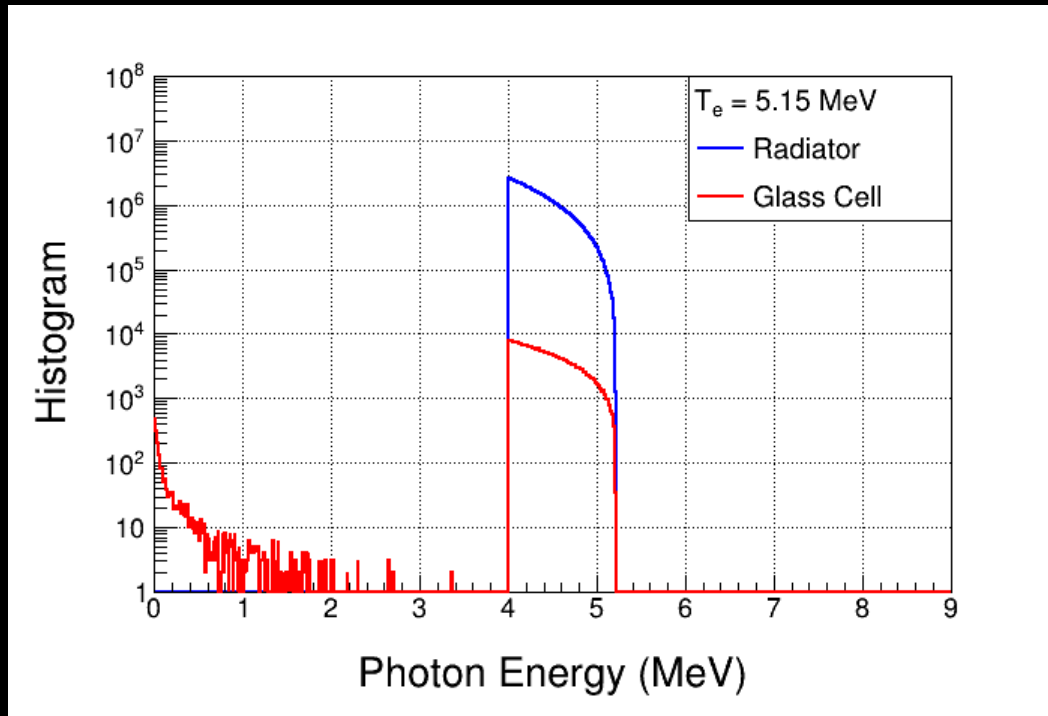


4.38e+5 gammas in cell ( $E > 4$  MeV)  
1.29e+4 gammas in last 100 KeV

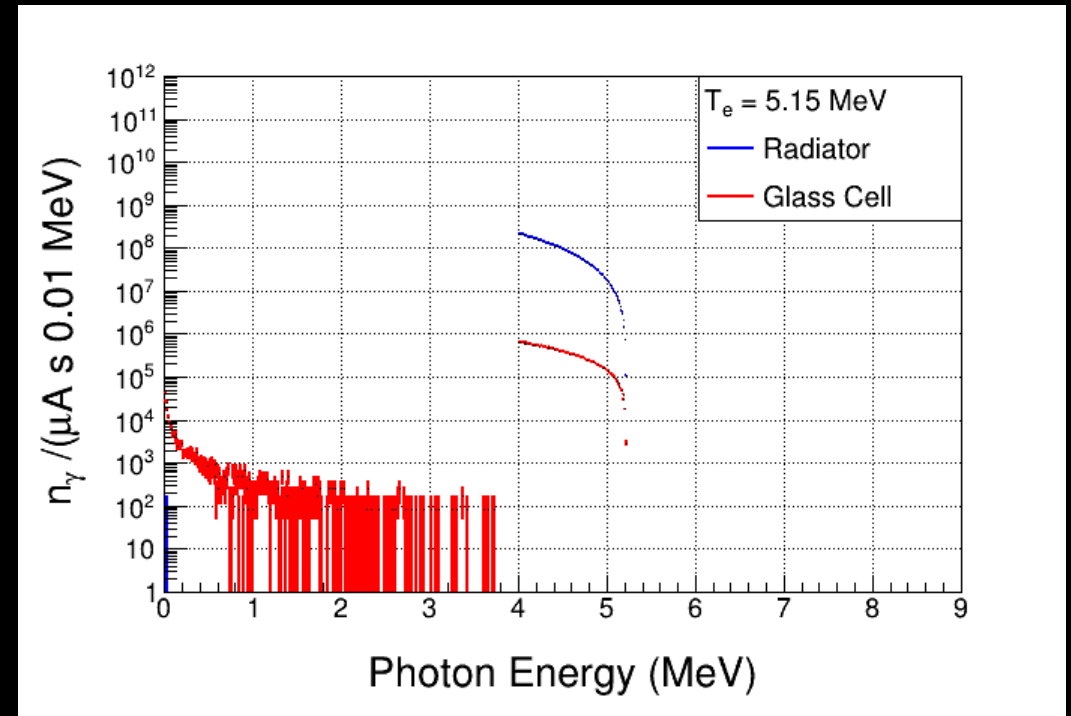


Gammas in glass cell  
3.4587e+7 per uA per s

# 5.15 MeV 7.5e+10 electrons

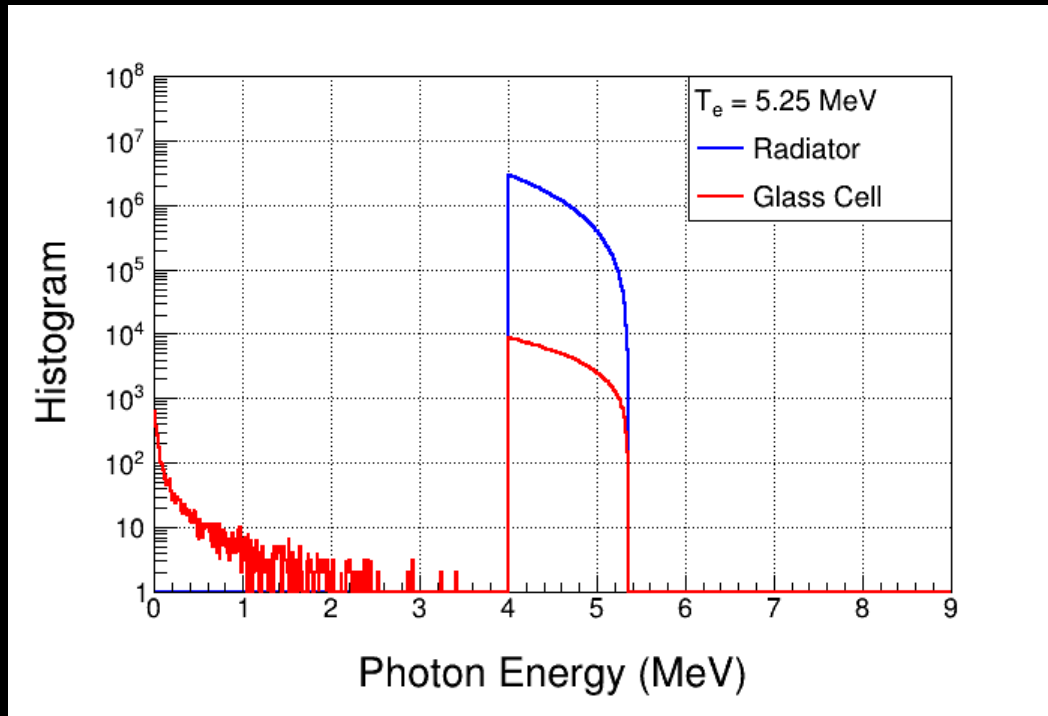


5.02e+5 gammas in cell ( $E > 4$  MeV)  
1.24e+4 gammas in last 100 KeV

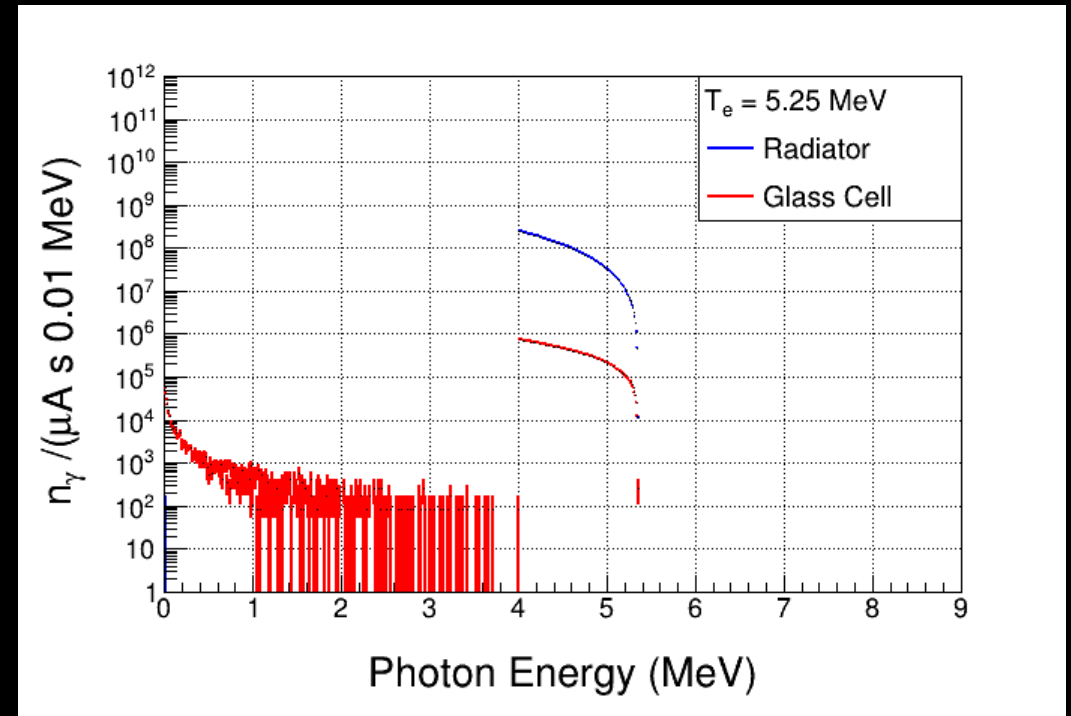


Gammas in glass cell  
4.1792e+7 per uA per s

# 5.25 MeV 7.3e+10 electrons



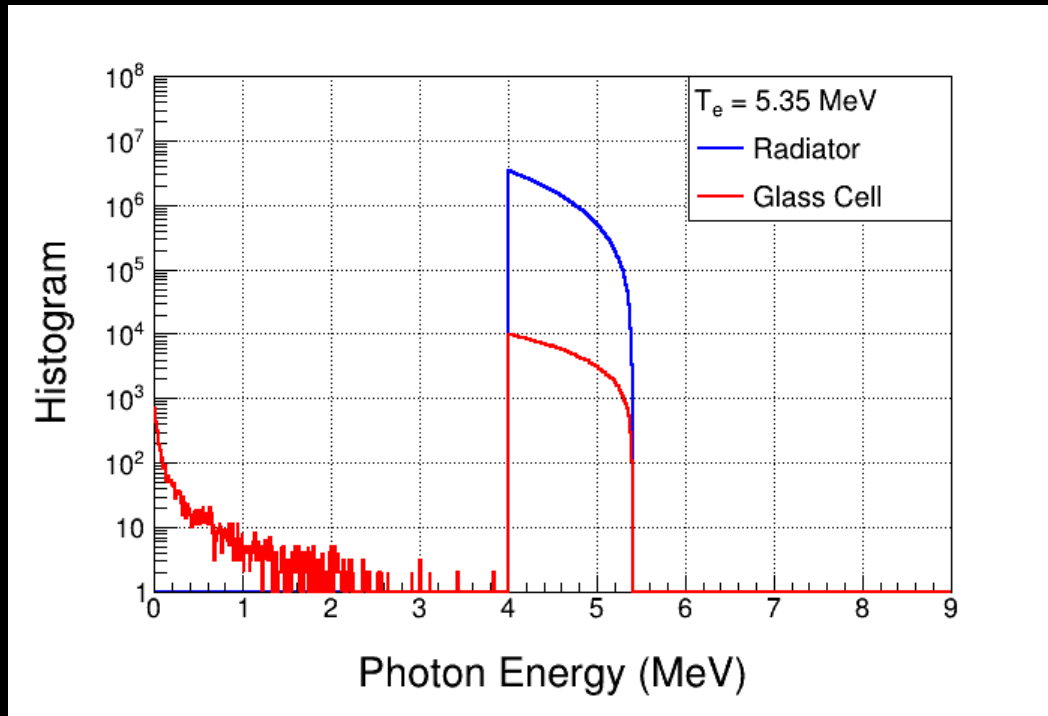
6.11e+5 gammas in cell ( $E > 4$  MeV)  
1.49e+4 gammas in last 100 KeV



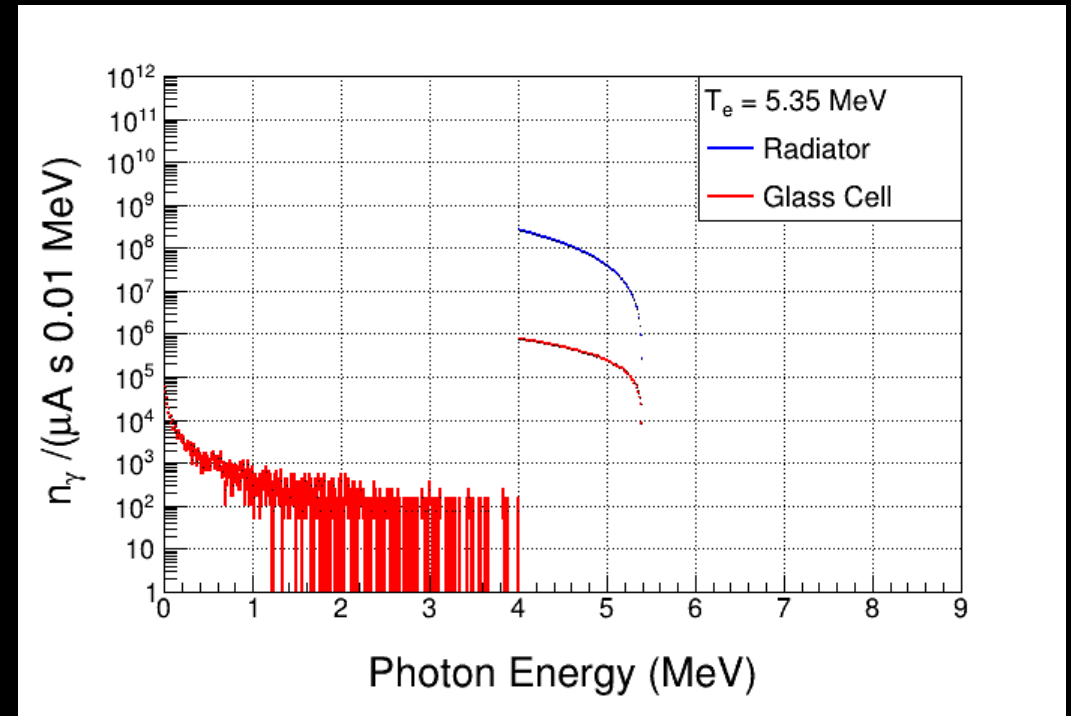
Gammas in glass cell  
5.2230e+7 per uA per s



# 5.35 MeV 8.0e+10 electrons



7.20e+5 gammas in cell ( $E > \text{MeV}$ )  
1.22e+4 gammas in last 100 KeV



Gammas in glass cell  
5.6209e+7 per uA per s