

# Mott Simulation

mott viewer-0 (OpenGLStoreQt) 9:51 AM Martin McHugh

Scene tree Help History

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Command

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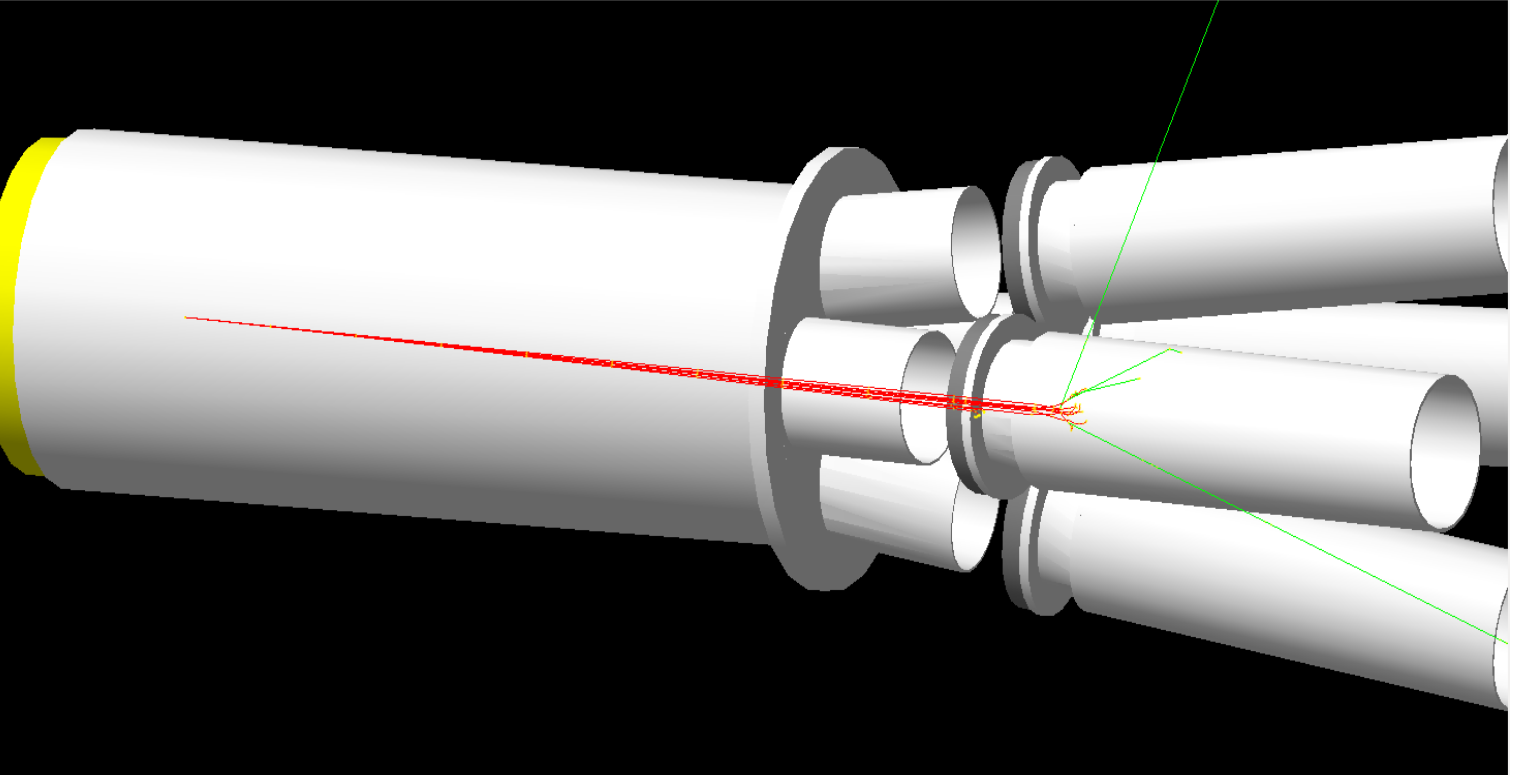
Command

/Mott/det/setTarget

Guidance :  
Select Thickness of the Target.

Parameter : Thickness  
Parameter type : d  
Omittable : False

Parameter : Unit  
Parameter type : s  
Omittable : False  
Candidates : pc km m cm  
mm um nm Ang fm parsec  
kilometer meter centimeter  
millimeter micrometer  
nanometer angstrom fermi



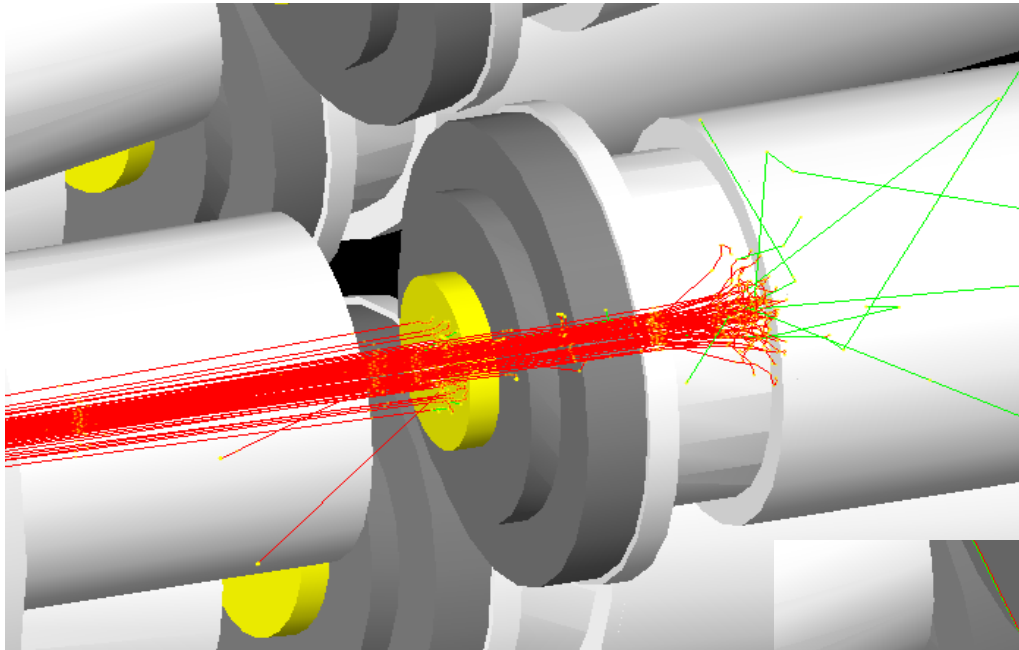
Output

```
100.00 4k 9 38 228 0.01 World
/vis/scene/notifyHandlers scene-0
### Run 0 start.
Using Root analysis manager
Start Run processing.
Run terminated.
Run Summary
Number of events processed : 10
User=0.03s Real=0.05s Sys=0s
10 events have been kept for refreshing and/or reviewing.
```

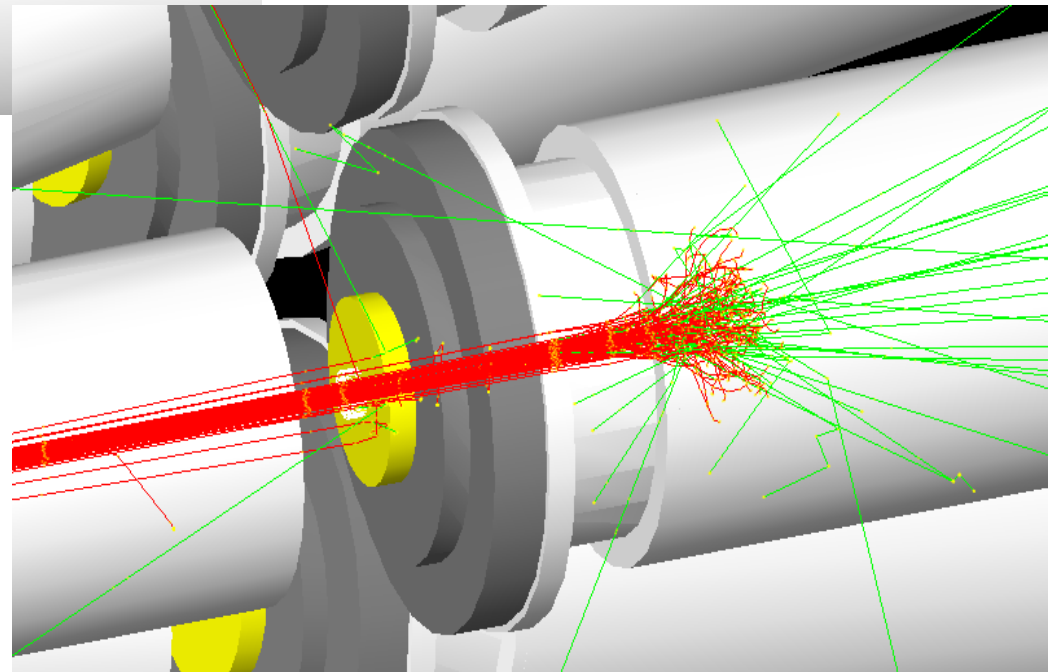
clear Filter:

Session:

# Issue With Beam Dispersion

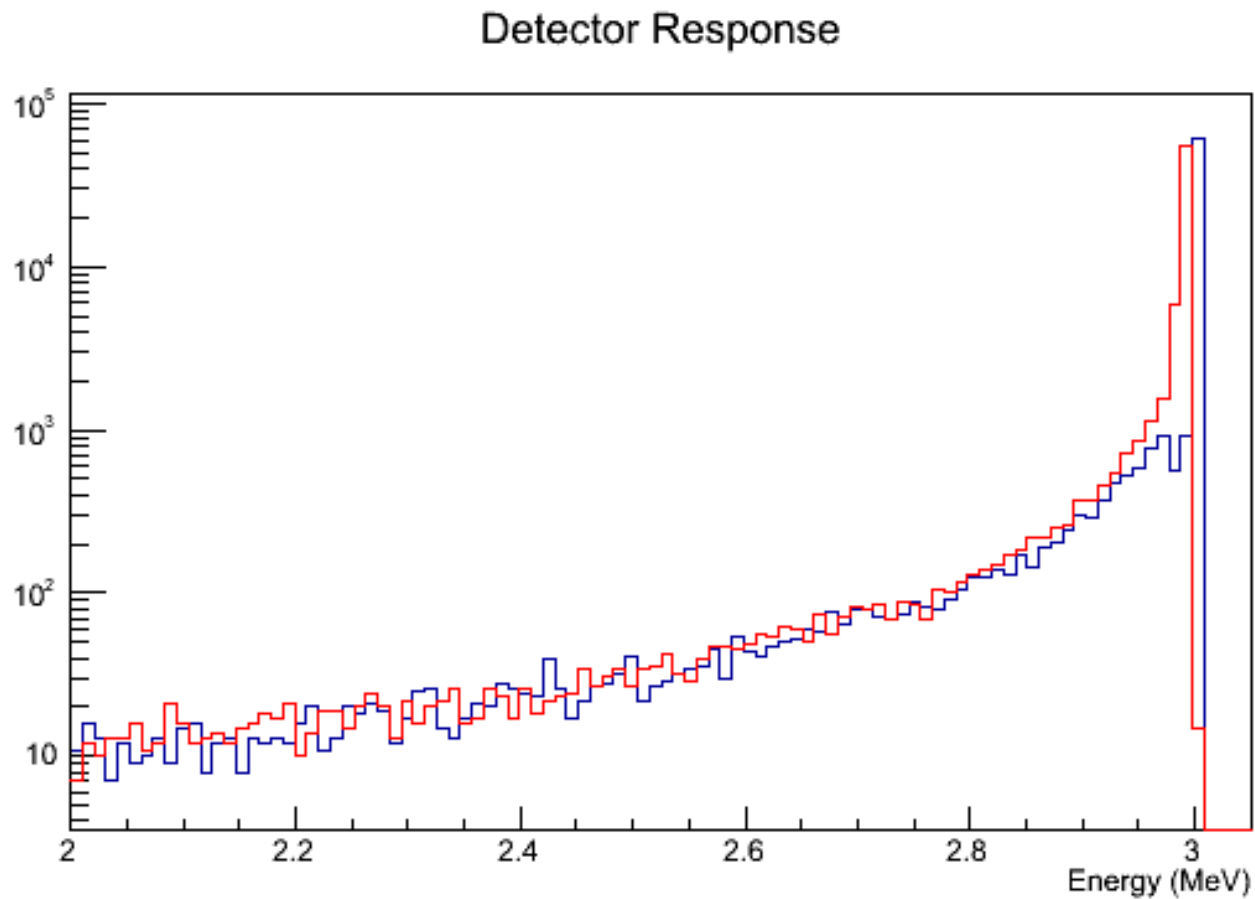


3 MeV



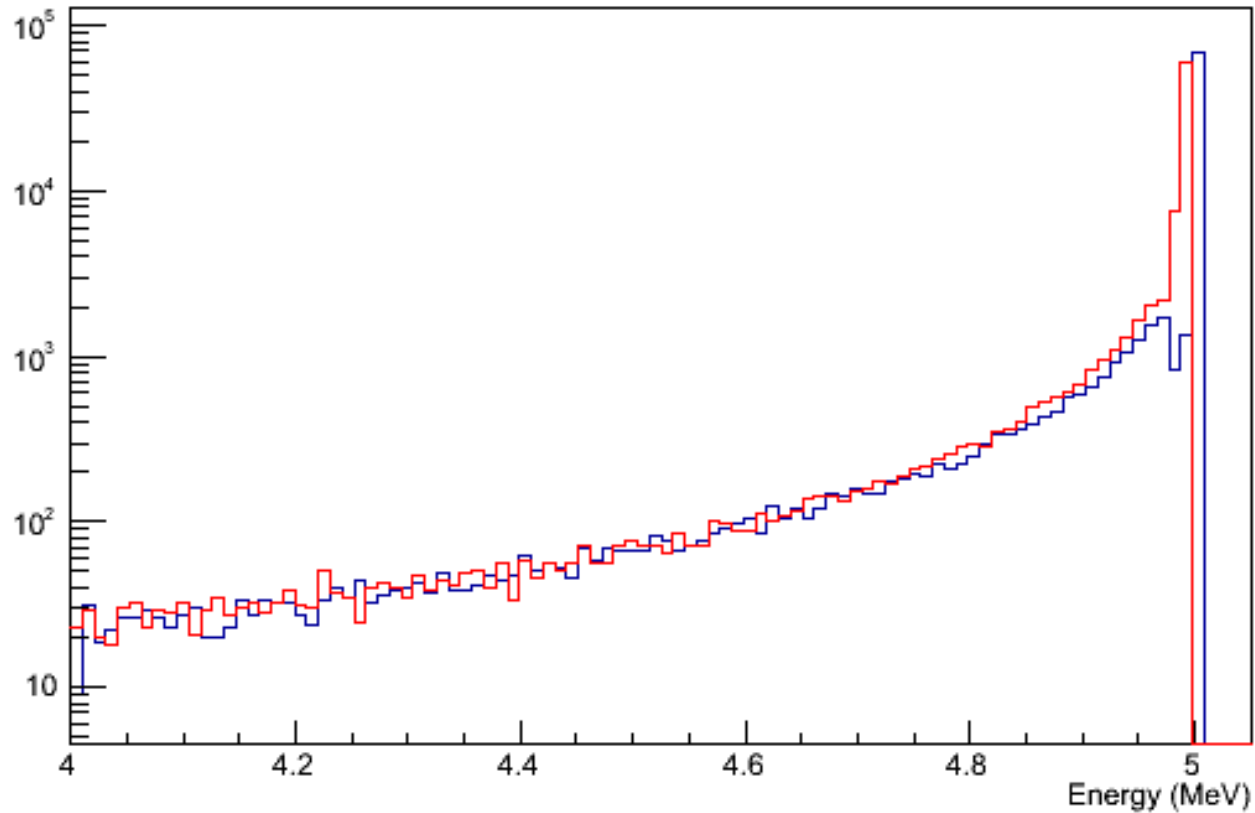
8 MeV

# 3 MeV: ~72% hit



# 5 MeV: ~90% hit

Detector Response



# 8 MeV: ~96% hit

