

MAIA Photon, Neutron V7 Resolutions – Rebinned

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MAIA Info – Sample Specs

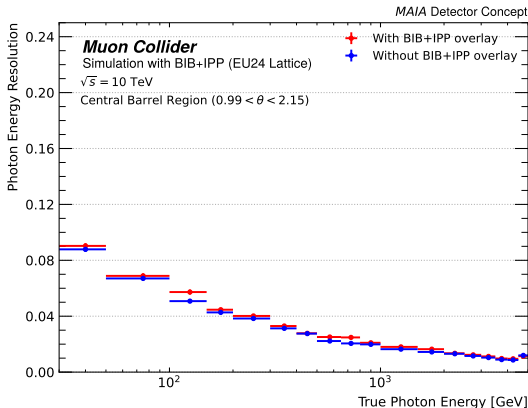
- ▶ Latest BIB samples **photon and neutron** samples located on OSG at

```
/ospool/uc-shared/project/futurecolliders/data  
/fmeloni/DataMuC_MAIA_v0/v7/recoBIB
```

- ▶ With bug fix addressing asymmetries in BIB distribution
- ▶ Latest plots are with the same data I showed last week, just rebinned to look prettier
- ▶ Discussed briefly with Kiley—we recommend going ahead with barrel, transition regions and leaving endcap struggles to a future paper

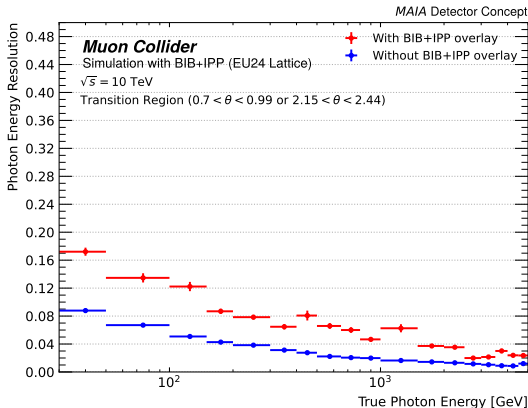
Photon Resolution (Barrel)

Energy resolution for photons in the barrel region, plotted against true energy. Plotted in log scale on the energy axis here for ease of viewing.



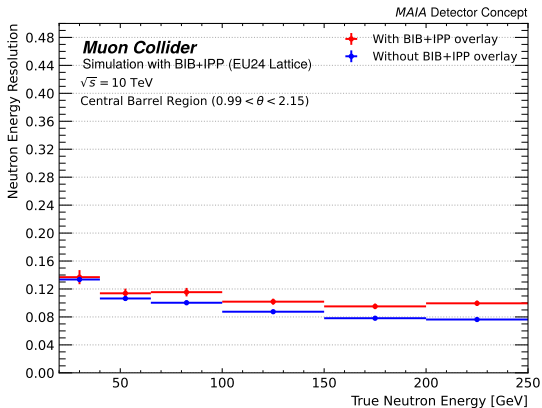
Photon Resolution (Transition)

Energy resolution for photons in the transition region. Plotted in log scale on the energy axis here for ease of viewing.



Neutron Resolution (Barrel)

Energy resolution for neutrons in the barrel region.



Neutron Resolution (Transition)

Energy resolution for neutrons in the transition region.

