



## **GEM** radioactivity

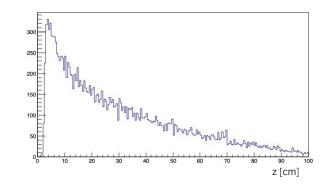
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## X-rays from GEM

- Experimentally observed a component of gammas ~8 keV
- Decreases with distance from GEM plane
- Hypothesis: Cu de-excitation X-rays due to kapton radioactivity (k-shell 8.04 and 8.9 keV)
  - → This component is indeed present in the MC



• Work in progress to make a more quantitative comparison kinEne\_hits {pdgID\_hits==22}

