

# CUSP GEANT4 Mass Model

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## Quick notes

- Each **gdml mass model release** will be associated with a **new persistent** (i.e. not removed after merging with the main) **git branch**; if a mass model is release at January first, we have a branch named 2024-01-01
- **Very important: we experienced many serious problems with the gdml releases.** I suggest to avoid this big issue one day face to face at each release to check everything.
- The estimation of the **effective area** depends on the read-out and logic that must be defined. As entry point a super simple logic, accepting one event if an energy deposit on at least one detector is given, is used. At 60 keV we estimate an effective area equal to  $20.98 \text{ cm}^2$  .