

DCV Simulation

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Simulation Threshold

- In geant4, Threshold for secondary particles is determined by traveling length in medium.
- For example, if system which consist of plastic scintillator is set as 1mm, it means that if primary particle can travel 1mm, secondary particle will be produced.
- And it means that primary particle needs 2MeV at least.
- Radiation length is different material by material.