

Estimation of Cosmic Ray Arrival Rate

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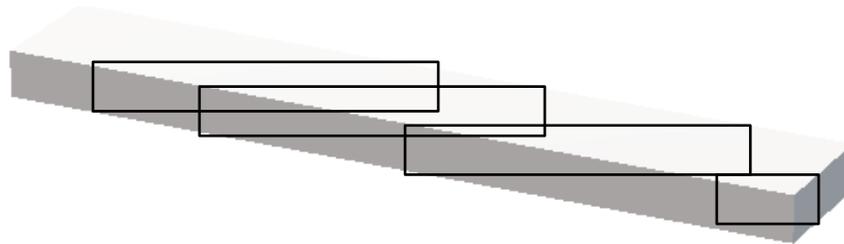
Kyeong Ro Lee

Counting Rays by Number of Channels Reacted

- Using known cosmic ray distribution depending on zenith angle (θ), estimate arrival rate of cosmic rays according to number of bars they pass through.
- Azimuthal angle (φ) independence

Counting Rays by Number of Channels Reacted

- Fix azimuthal angle (φ) -> plane of incidence specified
- Distribution of incidence plane area



Counting Rays by Number of Channels Reacted

- Zenith angle (θ) specified -> Calculate the distribution of # of bars a cosmic ray pass through

