Channeling 2012



Contribution ID: 81

Type: not specified

Potential thermal and radiation damage to crystals in the LHC beams

Thursday, 27 September 2012 12:20 (15 minutes)

Limitations on application of silicon crystals for collimation of the LHC beams due to crystal damage are considered in the framework of FLUKA Monte Carlo tool.

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Session Classification: S3.3 Channeling & Crystal Collimation

Track Classification: Channeling & Crystal Collimation