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Test beam results of MCz-Si detectors

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Several magnetic Czochralski silicon detectors (p+/n-/n+ and n+/p-/p+) irradiated to different fluences have been tested at CERN H2 beam line with the CMS Silicon Beam Telescope (SiBT). The results suggest that both p-type and n-type MCz-Si detectors are sufficiently radiation hard for the R > 25 cm regions of S-LHC tracker volumes.

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