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Recent Results with Ultra-Fast Silicon Detectors

Monday 4 June 2018 11:50 (20 minutes)

Comprehensive overview of results of measurements with Silicon Detectors with gain. (UFSD).

Time resolution, signal-to-noise, bias voltage as a function of irradiation levels with neutrons and protons will be shown for sensors with thickness from 35um to 60um, some with substitution of Boron by Gallium and infusion of Carbon.

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