Development of High speed readout machine for directional dark matter search experiment NEWSdm



T. Naka et al., Nucl. Inst. Meth. A 718 (2013) 519-521 T. Asada, T. Naka et. al., PTEP (2017) 2017 (6) : 063H01

My study : developing high speed scanning machine 100 keV C ion

PTS : Post Track Selector

Automatic high speed scanning machine for sub-µm track recorded in NIT

PTS aims to combined

 high speed scanning (more than 10 kg/year)

high spatial resolution
(to read out sub-µm Track information)



History of scanning speed



Contents of Poster

- How to read out Track information from NIT
- Recently status of developing PTS

