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Study of 2-track separation for a MPGD-based TPC

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A MPGD (Micro Pattern Gaseous Detector) based TPC can provide higher tracking resolution thanks to its small ExB effect compared to MWPC based detectors. We're investigating 2-track separation capability for a GEM-based TPC using electron beam. Since there is not much multi-track for each event, we have produced a pseudo multi-track event merging 2 events. We will report the details of the analysis method and the result of the efficiency on 2-track separation.

Time Zone

Asia/Pacific

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