

3D stc Strip Detector Test Beam Results

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A 3D stc micro strip detector was placed in a beam of 180GeV pions at CERN in 2007. The detector was connected to analogue read-out electronics as used in the tracking system of the LHCb experiment. We present the results from the analysis of the test beam data, including signal/noise ratio measurements and efficiency studies. This work has been done in close collaboration with Trento (FBK-irst and INFN/UNITN) and Glasgow.

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