

MACHINE TIME EXECUTION

REPORT ( 2 0 0 5 - 4 - 2 CYCLE)

Experimental Group	T584	Reporter	Shojiro SUGIMOTO
Scheduled Period and Shift	11/2(17:00)-11/10(1:00) 20 shifts	Main, Sub, Para	Para
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<b>SUMMARY OF EXECUTION AND RESULTS</b>			
<p>A Hexadeca(16)-polygon SSD with a diameter of 105 mm and 0.8 mm pitch readouts was successfully tested at the KEK T1 beam-line in November 2 - 7. We took data for <math>dE/dX</math>, time and noise level of the SSD by using pion and proton beams (500MeV/c-1GeV/c) and fast electronics (ADCs, TDCs, and 500MHz FADCs).</p> <p>In November 8-10 we studied uniformity of the light yield in a GSO:Ce crystal of 10 cm diameter and 18 cm length viewed by a PMT on each end by injecting 2 GeV/c pions.</p>			
<b>EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME etc.</b>			
<p>We started tuning electronics with the T1 beam on November 2. and finish taking data at 10:00am of November 10.</p> <p>We had a few times of (2-3 hour)long beam downs, and several times of (20-30 minute) short downs.</p>			
<b>COMMENTS</b>			
<p>We would like to thank staff of Experimental hall, Office of experiment, and Beam channel groups for their help given to T584.</p>			