

MACHINE TIME EXECUTION

REPORT (05-1 CYCLE)

Experimental Group	E391a	Reporter	T. Inagaki
Scheduled Period and Shift	1:00 Apr.2-17:00 Apr.6 (12 shifts)	Main, Sub, Para	Sub
Experimenters About 10 people jointed to take shift.			
<p>SUMMARY OF EXECUTION AND RESULTS</p> <p>During the start-up time of a K2 experiment (E548), we received a beam of 1×10^{12} ppp by sharing with them. We used it for a calibration of the CsI calorimeter.</p> <p>After finishing the normal run on 27 March, we broke the vacuum, installed a 5mm thick aluminum plate in the decay region, and re-evacuated the vacuum chamber.</p> <p>We accumulated more than 10M single π^0 with high purity which are useful for the precise calibration.</p> <p>Now E391a reached a few % (about 3%) level of calibration, it will be improved by this run.</p> <p>Before, middle and after the run we collected cosmic events to check the stability.</p>			
<p>EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME etc.</p> <p>12 shifts with 1×10^{12} ppp.</p>			
<p>COMMENTS</p> <p>Thanks to the E548 group for kindly sharing the beam.</p>			