

Planning and CoordinationMACHINE TIME EXECUTIONREPORT (2001-3-2 CYCLE)

Experimental Group	T487	Reporter	Hiroshi Shibuya Toho University
Scheduled Period and Shift	08 Nov. ~ 10 Nov. 3 shifts	Main, Sub, Para	

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SUMMARY OF EXECUTION AND RESULTS

One stack of ECC([1mm thick lead plate + emulsion film]*30) and two low-density stacks([10mm thick Airex + emulsion film]*18) installed inside a permanent magnet were successfully exposed to the pion beam at the π^2 beam line with the following conditions.

Stack	P (GeV/c)	no. of exposure	density(pions/cm ²)
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ECC	+ 4.0	2	5 * 10 ³
Spacer 1	- 4.0	3	2 * 10 ³
Spacer 1	- 2.0	1	2 * 10 ³
Spacer 1	- 1.0	1	2 * 10 ³
Spacer 1	+ 1.0	1	2 * 10 ³
Spacer 1	+ 2.0	1	2 * 10 ³
Spacer 2	- 4.0	3	2 * 10 ³
Spacer 2	- 2.0	1	2 * 10 ³
Spacer 2	- 1.0	1	2 * 10 ³
Spacer 2	+ 1.0	1	2 * 10 ³
Spacer 2	+ 2.0	1	2 * 10 ³

Analysis is in progress.

EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME etc.

21:00 08 Nov. ~ 06:00 09 Nov.	GOOD
19:00 09 Nov. ~ 02:00 10 Nov.	GOOD
11:00 10 Nov. ~ 19:00 10 Nov.	GOOD

COMMENTS

It was found that the real beam center was displaced horizontally by about 5 cm from the mark on the floor.