

J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN79

		Date(submitted)	2018/7/19
Group	KOTO	Beam line	KL
Reporter	K. Shiomi	e-mail address shiomi@post.kek.jp	
Experimenters	Komatsubara, Lim, Nomura, Watanabe, Shiomi(KEK), Nanjo, Yamanaka, Shimizu, Kotera(Osaka) Kamiji, Shinohara(Kyoto), Suzuki(Saga), Tajima(Yamagata) Myron, Monica, Brian, Melissa, Stephanie, Juan, Zaidenberg, McNeal(Michigan), JunLee Kim, HongMin Kim(Korea) , Lin(NTU) Yuting, Qisen(Chicago)		
<b>Summary and Results]</b> -Study of beam profile -Beam profile was measured by a beam profile counter. - -Study of accidental activities -Special data taking to evaluate accidental activities was done. -Detector calibration -Special data taking for detector calibrations were done periodically. -Trigger study -DAQ was updated. Parameter settings for the new DAQ was done. -BG study run -Al target was inserted into the beam to correct neutron samples and special data was taken for BG study. -10Pa run -Data taking was done with 10Pa condition to study effect of interaction with residual gas. -Physics run -Physics data taking was done			
SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc. [Scheduled machine time] From the night of 6/1 to the morning of 6/29  [Executed time] Study of accidental activity due to primary beam line: 4.5h Calibration run: 21h, Study of accidental activity:3.5h Al target run for BG study:76h Physics run:350h, 10Pa run:21h			
<u>Comments/Requests</u>   			