

J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN#62

		Date(submitted)	2016.2.8
Group	KOTO	Beam line	KL
Reporter	K. Shiomi	e-mail address shiomi@post.kek.jp	
Experimenters	Komatsubara, Lim, Nomura, Watanabe, Shiomi(KEK), Tajima(Yamagata), Sugiyama, Togawa(Osaka), Nanjo, Seki, Nakagiri, Kamiji, Shinohara(Kyoto), Stephanie(Michigan)		
Summary and Results -Study of beam profile -Beam profile was measured by a beam profile counter and collimator positions were adjusted. -Study of accidental activities -Special data taking to evaluate accidental activities was done. -Study of detector performance -Special data taking to evaluate detector performance was done. -Detector calibration -Special data taking for detector calibrations were done periodically. -Study of back ground events -Special data taking to study neutron background events was done. -Trigger tuning -Further optimization for level 1 trigger were performed for more beam power. Energy thresholds of veto detectors were adjusted in L1 trigger. -Physics run -Production of physics data started from the morning of 4/24			
SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc. [Scheduled machine time] From the night of 4/10 to the morning of 5/7 Allocated total user beam time was 356h [Executed time] Study of beam profile: 15h, Study of accidental activity:10h Study of detector performance:15h ,Detector calibration:19h Study of background events:70h Trigger tuning:25h Physics run:167h DAQ Debugging:20h [Down time] Beam stop due to causes of facility-side:15h			
<u>Comments/Requests</u>			