

J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN#30

Group	K1.8 (SKS)	Date (Submitted)	2010 Mar.3 (Revised)
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Summary and Results * Operation of Liq-H2 target (Feb.18 17:00-Feb.22) * Yield Measurement of 1.8GeV/c K- beam. -> 17k/2.5E+12 ppp * Measurements of e/pi at various momenta with Ni/Pt targets. * Data taking of p(pi-,p)pi- @0.5GeV/c with Liq.H2 target * Data taking of p(pi-,K+)Sigma- @1.25GeV/c with Liq.H2 target * E19 Trigger study and test data taking by p(pi-,K-) at 1.92GeV/c and SKS=-400A w/ and w/o Liq.H2 target * -0.85GeV/c Beam tuning for SKS=-400A Beam Through RUN Time structure of the extracted beam was much improved compared with RUN#29. Acceptable beam rates; 300k pions/spill (RUN#29) -> 700k pions/spill (RUN#30)			
SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc. * Feb.17 15:30-Feb.17 16:30 Ni/2.5kW (radiation survey) * Feb.19 10:00-Feb.19 12:30 Pt/1.57kW * Feb.19 12:30-Feb.20 18:07 Pt/1.0kW * Feb.20 18:07-Feb.21 13:43 Ni/1.0kW * Feb.22 05:50-Feb.22 09:00 Ni/1.0kW			
<u>Comments/Requests</u> 			