

J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN# 26

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| Group | KOTO(E14) | Date (Submitted) | 3 December 2009 |
| Reporter | Name | e-mail address | |
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| Experimenters | Komatsubara, Lim, Watanabe, Nomura (KEK), Sasao, Nanjo, Shiomi, Maeda, Takahashi, Masuda (Kyoto), Yamanaka, Sato, Iwai, Lee, Yanagida, Nakaya, Sugiyama (Osaka), Shimogawa (Saga), Tajima, Kubota (Yamagata), Ko (Jeju/Korea), Baek (Pusan/Korea) | | |

Summary and Results

Beamline survey

Several measurements were performed in parallel.

- Beam profile measurement using fiber scinti.
- Beam profile scan using plastic scinti. and thin (2.5cmsq x 25cm) CsI crystal
- KL yield measurement using hodoscope and CsI mini-calorimeter
- KL yield measurement using spectrometer
- Core beam measurement using hadron calorimeter
- Test of in-beam photon detector
- Etc...



Most measurements were in adjustment stage.

SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc.

Repetition: 6 sec., Flat top: 2.63 sec.

Target: Ni

10/21 around 22:00 : 5 single shots, 3×10^{11} ppp

10/22 18:33: Continuous operation for user, 1.2×10^{11} ppp (by HD SY SEC)

19:47: Intensity lowered \rightarrow MR 4.4×10^{10} ppp, SY SEC 5.4×10^{10} ppp (till 7am on 23th)

10/23 7:00: End of beam

Several short down times.

Comments/Requests