

## J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN#65

|   |   |  |          |
|---|---|--|----------|
|   |   | Date(submitted)                                  | 2016/1/5 |
| Group   | E05   | Beam line  | K1.8     |
| Reporter  | Name<br>Shunsuke Kanatsuki  | e-mail address<br>kanatsuki@scphys.kyoto-u.ac.jp |          |
| Experimenters   | [Kyoto University] H. Ekawa, T. Gogami, S. Kanatsuki, T. Nagae<br>[Osaka University] R. Honda, K. Kobayashi, S. Hayakawa, T. Hayakawa, Y. Nakada, M. Nakagawa, K. Shirotori (RCNP), [KEK] M. Ukai<br>[Tohoku University] Y. Akazawa, M. Fujita, H. Tamura, Y. Sasaki<br>[Gifu University] S. Kinbara, [Seoul National University] J.Y. Lee, T. Moon<br>[Korea University] S.H. Kim, W. Jung<br>[JAEA] S. Hasegawa, K. Hosomi, Y. Ichikawa, H. Sako, S. Sato, K. Tanida<br>[JINR] P. Evtoukhovitch, Z. Tsamalaidze, [Torino] A. Feliciello, E. Botta |  |          |
| <b>Summary and Results</b><br>Production run (Carbon): 11/14-11/19<br>Beam momentum: -1.8 GeV/c<br>Irradiated kaon beam: 20.7G<br>Beam through: -2.0, -1.8, -1.5, -1.35, -1.2 GeV/c (target: empty) (SKS=-400A)<br>: -1.8 GeV/c (target: empty) (SKS=0A)<br><b>Background study</b><br>Empty: -1.8 GeV/c, irradiated kaon beam 1.3G<br>Pion beam: -1.8 GeV/c, irradiated pion beam 2.5G                 |   |  |          |
| SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc.<br>Date, Beam available time(BAT)=Uvertime-Acc.time, BAT/Uvertime<br>11/15-11/19, 65h03m35s, 80.0%<br>One of our drift chambers was damaged by ESS2 discharge at the beginning of this run, and we had down time for a half hour (included in BAT).<br>Typical beam intensity at -1.8 GeV/c:<br>K:pi = 620k:780k [/spill] |   |  |          |
| <u>Comments/Requests</u>  |   |  |          |