E92 (Σ) K. Miyake
Measurements of Asymmetry in $\Sigma^+ \rightarrow p\gamma$ Decay

Submitted	1981.1.23
Approved	1981.2.17
Beam line	K2
Shift requested	120
Shift executed	190.7
Executed cycles	82[15,16], 83[1,2,3,4,5,6,7,8,,9,10,11,12,13], 84[1,2,3]

Papers and activities

[Legend]
- ● Physics papers published in refereed journal
- ○ Technical papers
- ★ PhD theses
- ◇ Conference and Symposium
- ∗ Internal Report and others

● M.Kobayashi et al.
New Measurement of the Asymmetry Parameter for the $\Sigma^+ \rightarrow p\gamma$ Decay
Phys. Rev. Lett. 59 (1987) 868.

● J.Haba et al.
A Precision Measurement of Polarization Parameters for the $\pi^+ + p \rightarrow K^+ + \Sigma^+$ Reaction at 13 Laboratory Momenta Between 1490 and 2069 MeV/c
Nucl. Phys. B299 (1988) 627.

● H.Kawai et al.
Search for Proton Proton Dibaryon Resonances in the $dp \rightarrow (pp)n$ Reaction
Nucl. Phys. A481 (1988) 806.

○ T.Tanimori et al.
A Test of 150 cm × 20cm Wide Time-of-Flight Scintillation Counters
Nucl. Instr. Meth. 216 (1983) 57.

○ H.Kawai et al.
Tests of a Silica Aerogel Cherenkov Counter
Nucl. Instr. Meth. 228 (1985) 314.

○ T.Homma et al.
The Design and Performance of Multiwire Proportional Chamber for High Flux Beam Monitoring
Japan. J. Appl. Phys. 26 (1987) 602.

★ J.Haba
The Polarization Parameter of ¥Sigma+ in the $\pi^+ + p \rightarrow K^+ + \Sigma^+$ Reaction in the Incident Momentum Range Between 1490 MeV/c and 2069 MeV/c
Kyoto University, 1987

★ H.Kawai
Study on the $dp \rightarrow ppn$ Reaction at Five Incident Momenta Between 1703 and 2278 MeV/c
Kyoto University

∗ M.Kobayashi et al.
New Measurement of the Asymmetry Parameter for the $K^+ \rightarrow p\gamma$ Decay
KUNS 869

∗ Haba et al.
A Precision Measurement of Polarization Parameters for the $\pi^+ + p \rightarrow K^+ + \Sigma^+$ Reaction at 13 Laboratory Momenta Between 1490 and 2069 MeV/c

---

● Physics papers published in refereed journal.
○ Technical papers.
★ PhD theses.
◇ Conference and Symposium.
∗ Internal Report and others.

KUNS 881

● Physics papers published in refereed journal.
○ Technical papers.
★ PhD theses.
◇ Conference and Symposium.
∗ Internal Report and others.