

**E133 ( $\pi$ AC II) J. Chiba**  
**Study of Excited Nucleon in Nucleus**

**E173 ( $\pi$ AC) J. Chiba**  
 **$\Delta$  Production in Nuclei by (p, n) Reaction**

**E133**

Submitted	1984.9.29
Approved	1984.10.24
Beam line	$\pi 2$
Shift requested	60
Shift executed	71.7
Executed cycles	85[2,3,4,5,6]

**E173**

Submitted	(1987.5.15)
Approved	1987.10.19
Beam line	$\pi 2$
Shift requested	80
Shift executed	149.2
Executed cycles	88[6,7,8,9,10,11,12,13,14]

**Papers and activities**

[Legend]

- Physics papers published in refereed journal
  - Technical papers
  - ★ PhD theses
  - ◇ Conference and Symposium
  - \* Internal Report and others
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- T.Nagae et al.  
Quasifree Production of  $\Delta^0$ -Isobar in Proton-Nucleus Reactions at 3.88 GeV/c  
Phys. Lett. 191B (1987) 31.
  - J.Chiba  
Quasifree  $\Delta$  Production in Hadron-Nucleus Reactions  
Nucl. Phys. A478 (1989) 491c.
  - J.Chiba et al.  
Coincidence Measurements of (p, n) Reactions at 1.5GeV/c on C and H in the  $\Delta$  Excitation Region  
Phys. Rev. Lett. 67 (1991) 1982.
  - \* T.Nagae  
Seisei jikken de mita kakunai  $\Delta$ ryushi no furumai ni tsuite  
Nihon Butsuri Gakkaishi, 43, 9, 1988.

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