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## Japan Charged-Particle Nuclear Reaction Data Group

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### Memo CP-E/076

**Date:** September 21, 2005  
**To:** Distribution  
**From:** OTSUKA Naohiko  
**Subject:** Addition to Dictionary 24 (Data Headings) and 25 (Data Units)

We propose the following addition.

#### Dictionary 24 (Data Headings)

POL-BM-MIN	Lower limit of beam polarization
POL-BM-MAX	Upper limit of beam polarization
+ERR-SYS	+ Unsymmetric total systematic uncertainty
-ERR-SYS	- Unsymmetric total systematic uncertainty

#### Dictionary 25 (Data Units)

PB	B	Picobarns
FB	B	Femtobarns

Picobarn ( $=10^{-12}$  barn) and femtobarn ( $=10^{-15}$  barn) are used in the super-heavy elements observation at RIKEN (K. Morita *et al.*, *Eur. Phys. J. A* **21**(2004)257, *J. Phys. Soc. Jpn.* **73**(2004)1738, *ibid* **73**(2004)2593).