

# Japan Charged-Particle Nuclear Reaction Data Group

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## Memo CP-E/055

**Date:** December 8, 2004  
**To:** Distribution  
**From:** OTSUKA Naohiko  
**Subject:** Addition to Dictionary 36 (Quantities)

We propose the following quantity codes:

### Dictionary 36 (Quantities)

PAR , DA/DA/DE , P/P/P	D3A	Partial triple differential cross section $d^3/A(p)/dA(p)/dE(p)$
, POL/DA <sup>2</sup> /DE <sup>2</sup> , P/P , ANA	NO	Analyzing power $d^4/dA(p)/dA(p)/dE(p)/dE(p)$
PAR , POL/DA/DA/DE , P/P/P , ANA	NO	Partial analyzing power $d^3/dA(p)/dA(p)/dE(p)$
, DA/DA/DE/DE , P/P/P/RSD	D4A	Quadruple differential cross section $d^4/dA(p)/dA(p)/dE(p)/dE(\text{residual})$
, DA/DE , A/RSD	DAE	Double differential cross section $d^2/dA(a)/dE(\text{residual})$

Quantity	Reaction Type	Dimension	Reference	Subentry
PAR , DA/DA/DE , P/P/P	D3A	D3A	K. Hatanaka <i>et al.</i> , Phys. Rev. Lett., <b>78</b> (1997)1014	E1681.004 (and E1819.003)
, POL/DA <sup>2</sup> /DE <sup>2</sup> , P/P , ANA	P4A ( ? )	NO		E1681.005-006
PAR , POL/DA/DA/DE , P/P/P , ANA	P3A	NO		E1681.007
, DA/DA/DE/DE , P/P/P/RSD	D4A	D4A	M. Yosoi <i>et al.</i> , Phys. Lett. <b>B551</b> (2003)255	E1819.002
, DA/DE , A/RSD	DAE	DAE	M.Uchida <i>et al.</i> , Phys. Lett.	E1820.002-004

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