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Memo CP-D/502

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Subject: Addition to dictionary 236 (Quantities)

We propose a new quantity code to compile partial analyzing power for two outgoing particles.

Dictionary 236 (Quantities)

PAR, POL/DA/DA, */* Partial analyzing power for two particles $d^2/dA(*)/dA(*)$

Quantity	Reaction Type	Dimension	Subentry
PAR, POL/DA/DA, */*	PPD	NO	D0463.003

This code is needed for compilation $^{40}\text{Ca}(p,\alpha)^{36}\text{Ar}$ at a given proton and alpha scattering angle, which corresponding to zero recoil momentum of the residual nucleus [1].

Reference:

[1] R. Neveling *et al.*, Phys. Rev. C **77**(2008)037601. (EXFOR D0463)

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