

Date : 26th June 1974
 From : Anton Schofield *AS*
 Subject : Proposed Exfor Quantity Codes, Headings, Unit.

1. Quantities (Dictionary 14)

- (Q1) : N2N, DA/DE,, P target nucleus = 1-H-2
 Double differential (n, 2n) cross-section.
 Proton energy and angle given
 reference : Nucl. Phys. A 190 (1972) 284
- (Q2) : N2N, DA/DE/DE,, P target nucleus = 1-H-2
 Triple differential (n, 2n) cross-section.
 Neutron angle and energy, proton energy given
 reference : Nucl. Phys. A 160 (1970) 161
- (Q3) : INL,, GND target nucleus in excited state
 Partial inelastic cross-section populating the ground state
 of the residual nucleus
 reference : Journ. Phys. Soc. Jap. 26 (1969) 576
- (Q4) : NP,, CN/PAR
 (Q5) : NP,, DI/PAR
 PAR modifier added to NP,, CN and NP,, DI
 reference : Nucl. Phys. A 111 (1968) 184

2. Headings (Dictionary 24)

E1, E2
 Two column headings for secondary neutron and proton
 energies for quantity (Q2).

3. Unit (Dictionary 25)

MB/SR/MEV 2 for quantity (Q2).

4. Concerning keyword FACILITY and N-SOURCE with code (REAC).

It is felt that whenever an existing code applies, then it should be used. Code (REAC) is used with keyword N-SOURCE but not with FACILITY. So as to avoid redundancy we omit FACILITY when (REAC) can be used with N-SOURCE. This policy was followed in tape TRANS 2014.

Distribution :

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