

4-C MEMORANDUM 2/20

From: H. Potters

Subject: Additions to EXFOR dictionaries

7th September 1971

We would like to add to the EXFOR dictionaries the following codes which we used in our exchange tape TRANS 2005 :

Dictionary 13 (particles)

NONE (No information available)

Dictionary 14 (quantities)

TOT,,SPA	B	(Total cross-section, spectrum average)
NON,DE	DE	(Nonelastic n-spectrum)
N2N,DA/DE	DAE	(Double differential (n,2n) cross-section)
NG,RI,MS	B	((n,gamma), resonance integral to metastable state)
NP,,MS/SPA	B	((n,p) Cs, to metastable state, spectrum average)
NP,,GND/SPA	B	((n,p) Cs, to ground state, spectrum average)
N2N,,MS/SPA	B	((n,2n), Cs, to metastable state, spectrum average)
N2N,,GND/SPA	B	((n,2n) Cs, to ground state, spectrum average)
NU,,PR/SPA	B	(Prompt Nu-bar, spectrum average)

Dictionary 19 (n-source)

D-BE	(Deuteron-Beryllium)
D-FE	(Deuteron-Iron)

*What function?  $\chi$ ?  
or number  $\phi(E)$ ?*

Dictionary 21 (method)

CDRAT (Cadmium ratios)

Dictionary 24 (data-heading, keywords)

H-LIFE	(Half-life of residual nucleus)
H-LIFE-ERR	(Error of half-life of residual nucleus)
EN-RES-ERR	(Error of resonance energy)
E-EXC-MAX	(Upper limit of excitation energy)
E-EXC-MIN	(Lower limit of excitation energy)
E-LVL-MIN	(Lower limit of a discrete level group)
E-LVL-MAX	(Upper limit of a discrete level group)