

**NATIONAL NUCLEAR DATA CENTER  
Bldg. 197D  
Brookhaven National Laboratory  
P. O. Box 5000  
Upton, NY 11973-5000 U.S.A.**

(Internet) "NNDC@BNL.GOV"

Telephone: (516)344-2902  
FAX: (516)344-2806

**Memo CP-C/324**

**DATE:** April 30, 2003  
**TO:** Distribution  
**FROM:** V. McLane  
**SUBJECT:** Use of branch codes 'DIS' and 'CON'

According to the comments received from S. Maev on preliminary TRANS 1314, there seems to be a misunderstanding of the use of the branch codes DIS and CON.

My understanding is that the code DIS is to be used for a range of discrete gamma energies in the continuum region that excludes continuum gammas. It is not useful to use it when a discrete gamma energy is given, or for a gamma energy range below the continuum region. I will not agree to its use in these cases.

The branch field is used to separate different branches of a reaction. When only one of the branches is possible, no branch code is given.

The dictionary explanation should be changed to read similar to the following.

CON	For a range of continuum gammas, discrete gammas excluded.
DIS	For a range of discrete gammas, continuum gammas excluded.

Distribution

M. Chiba, Sapporo  
F. E. Chukreev, CAJaD  
S. Dunaeva, Sarov  
O. Gritzay, KINR  
K. Kato, JCPDG  
M. Kellett, NEADB  
V. N. Manokhin, CJD

S. Maev, CJD  
O. Schwerer, NDS  
S. Takács, ATOMKI  
F. T. Tárkányi, ATOMKI  
V. Varlamov, CDFE  
NNDC  
NNDC File

