MEMO CP-A/65

To: Distribution
From: F.E.Chukreev, V.V.Varlamov
Subject: Some remarks on old and not correct data in B-, L-TRANSes.

There are well known problem of needs of recompilation of the old and not correct data.

We would like to discuss two examples of situation that can not be estimated as normal:

1. "The Munzel data situation"
Let us see B0002007. The code "SUM" have been used for keyword REACTION. This code is obsolete now. Who must correct this SUBENT? This correction is needed because searching codes do not "know" SUM. Similar examples are numerous.

2. The problem of not correct SUBENT records for some photonuclear reaction channels when several reactions could occure in the same energy region.

Let us discuss one example only for which we selected L0039037 subentry. This SUBENT has REACTION:

(20-CA-40(G,N)20-CA-39,,SIG)

These data were measured for 15.37 - 29.47 energy region, where not only (G,N) but (G,N+P) reaction is possible also.

The data from L0039037 are very similar to ones from Forkman and Peterssen review (see p.676 of Handbook on Nuclear Activation Data), where REACTION is:

(G,N)+(G,PN).

Authors of L0039037 have measured the summed (G,N)+(G,PN) cross section certainly but this curcumstance does not reflected by SUBENT records!

We could continue similar examples.

Therefore we would like to discuss this problem during to nearest NRDC Meeting. The main questions on this subject are:

1. Is the problem of recompilation of such kind of data actual now?

2. Who could be responsible for such job?

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