

Japan Charged-Particle Nuclear Reaction Data Group

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Memo CP-E/062

Date: December 15, 2004
To: Distribution
From: OTSUKA Naohiko and OHNISHI Akira
Subject: Effective mass squared and correlation
Reference: CP-D/415

Concerning Conclusion 31 of 2004 NRDC meeting (CP-D/415)

Quantity EMC is obsoleted and the one existing entry will be deleted. (JCPRG may come up with a new proposal later, they have many similar new data not yet compiled):

We would like to propose other codes when we will compile this quantity in future, because it is better to replace “effective mass squared” and “effective mass correlation” by “invariant mass squared” and “invariant mass distribution” respectively from the view of terminology in nuclear physics. Therefore we propose the deletion of “EMC” as well as “MCO”. We can also throw the following codes (All codes except EMS1 and EMS-SEC have not been used yet, probably):

Dictionary 2 (Information identifiers):

EMS-SEC

Dictionary 24 (Data headings):

EMS, EMS1, EMS1-MAX, EMS1-MIN, EMS2, EMS2-MAX, EMS2-MIN, EMS3, EMS4, EMS5

Dictionary 32 (Parameters):

EMC

Dictionary 36 (Quantities):

EMC

Daniel Dictionary 13 (Reaction types):

MC

Daniel Dictionary 45 (New CINDA codes):

EMC

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