

**Memo CP-D/311**

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To: Distribution

From: O. Schwerer

Date: 2000-05-03

Subject: Proposed quantity codes **PAR/M-,DA,G** and **PAR/M+,DA,G**

Reference: Action A43 of 1999 NRDC Meeting  
Memo CP-D/301

We reconsidered the above quantity codes which were proposed in memo CP-D/301 for use in EXFOR 31492. After seeing the final publication (NSE 134,106,2000) we still believe that an (in this case differential) production cross section of a particular prompt  $\gamma$ -line, which may or may not be fed by the de-excitation of a higher lying metastable state, should be coded this way.

An example, corresponding to subentry 31492.002, is given on the next page.

**Distribution:**

DUNFORD@BNLND2.DNE.BNL.GOV  
MCLANE@BNLND2.DNE.BNL.GOV  
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TAKACS-S@ATOMKI.HU  
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P  
VLASOV@KINR.KIEV.UA  
KALTCHENKO@KINR.KIEV.UA  
OGRITZAY@KINR.KIEV.UA  
JHCHANG@KAERI.RE.KR  
M.WIRTZ@iaea.org  
LAMMER  
OBLOZINSKY  
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Differential  $\gamma$ -production cross section for the 343 keV line in  $^{206}\text{Pb}$ :

- a) prompt (without contribution from 125  $\mu\text{sec}$  level at 2200 keV): **PAR/M-,DA,G**
- b) delayed (with feeding from 125  $\mu\text{sec}$  level): **PAR/M+,DA,G**

See Hongyu Zhou et al., NSE 134,106,2000 and 97TRIEST,1,625 EXFOR 31492)

