

**Nuclear Data Section
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Memo CP-D/657

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To: Distribution

From: N. Otsuka

Subject: **Dictionary 31 (Branch Codes) – 31; 32; 33; 40**

Reference: Memo CP-E/146

A new quantity code for $(k,q)=(4,0)$ spherical tensor is proposed in Memo CP-E/146. Also there are several quantity codes for $(k,q)=(3,1)$, $(3,2)$, $(3,3)$ in dictionary 236. These combinations must be defined in dictionary 31 as new branch codes.

Dictionary 31 (Branch Codes)

31	Rank and projection (kq) for tensor analyzing power
32	Rank and projection (kq) for tensor analyzing power
33	Rank and projection (kq) for tensor analyzing power
40	Rank and projection (kq) for tensor analyzing power

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