

$^{90}\text{Zr}(\alpha, \alpha' p)$ 1989Bo34

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh	NDS 114, 1 (2013)	20-Oct-2012

1989Bo34: E=120 MeV. Measured GMR (giant-monopole resonance) and GQR (giant-quadrupole resonance) in ^{90}Zr and proton decay of these resonances to levels in ^{89}Y .

1989Bo34 report GMR and GQR in ^{90}Zr at 16.1 MeV *4* and 14.0 MeV *4*, respectively.

1979Br02: E=96.8 MeV.

 ^{89}Y Levels

<u>E(level)</u>	<u>Comments</u>
0	
910	Populated in the proton decay of GQR, but not in the decay of GMR.
1600	Doublet corresponding to 1510+1740 levels.