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 $^{136}\text{Ba}(\text{t},\text{p})$  **1981FI01**

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<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen	NDS 146, 1 (2017)	30-Sep-2017

$J^{\pi}(^{138}\text{Ba g.s.})=0^{+}$ .

**1981FI01**: E=17 MeV triton beam was produced from the Los Alamos Scientific Laboratory's Van de Graaff facility. Reaction products were momentum-analyzed with a Q3D spectrograph (FWHM=15 keV) and detected by a proportional counter. Measured  $\sigma(E_{\text{p}},\theta)$ . Deduced levels, L-transfers. Systematics of neighboring nuclei.

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 $^{138}\text{Ba}$  Levels

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31 levels are observed in Fig.1(a) of **1981FI01** but not reported.

<u>E(level)<sup>†</sup></u>	<u>L<sup>†</sup></u>	<u>Comments</u>
0.0	0	
3612	0	$\sigma$ is 44% of total $\sigma(\text{L}=0)$ .
4043	2	

<sup>†</sup> From **1981FI01**.