

---

 $^{28}\text{Si}(^{18}\text{O},^{15}\text{N})$  **1979Me12**

---

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen and Balraj Singh		NDS 184, 29 (2022)	24-Jun-2022

**1979Me12:** 56 MeV  $^{18}\text{O}$  beam from super FN tandem Van de Graaff of Saclay. Reaction products analyzed with QDDD magnetic spectrometer. Particle identification using proportional counters with charge division technique. CCBA analysis. Measured  $\sigma(\theta)$  at  $\theta_{\text{lab}}=5^{\circ}-35^{\circ}$ .

 $^{31}\text{P}$  Levels

<u>E(level)</u>	<u><math>J^{\pi\ddagger}</math></u>
0	$1/2^{(+)}$
1270	$3/2^{(+)}$
2230	$5/2^{(+)}$
3100 <sup>†</sup>	
3300 <sup>†</sup>	
3410 <sup>†</sup>	
3510 <sup>†</sup>	
4430	$7/2^{(-)}$

<sup>†</sup> Included in unresolved group.

<sup>‡</sup> Authors' suggested spins from CCBA analysis (**1979Me12**).