

$^{16}\text{O}(\text{p},\text{P}'\alpha)$     [1984Ca09](#)

| Type            | Author                                     | History | Citation          | Literature Cutoff Date |
|-----------------|--------------------------------------------|---------|-------------------|------------------------|
| Full Evaluation | J. H. Kelley, J. E. Purcell and C. G. Sheu |         | NP A968,71 (2017) | 1-Jan-2017             |

[1984Ca09](#):  $^{16}\text{O}(\text{p},\text{p}'\alpha)$  E=101.5 MeV. Measured  $\sigma(\text{E}(\text{p}),\theta(\text{p}),\theta(\alpha))$ ; deduced levels,  $\alpha$  spectroscopic factors.  
[2001Ki25](#):  $^{16}\text{O}(\text{p},\text{p}'\alpha)$  E<101.5 MeV. Analyzed  $\gamma$ -ray lineshapes.

$^{12}\text{C}$  Levels

E(level)<sup>†</sup>  
0  
 $4.44\times10^3$   
 $14.1\times10^3$

<sup>†</sup> From ([1984Ca09](#)).

$\gamma(^{12}\text{C})$

| <u>E<sub>γ</sub></u> | <u>E<sub>i</sub>(level)</u> | <u>E<sub>f</sub></u> |
|----------------------|-----------------------------|----------------------|
| $4.44\times10^3$     | $4.44\times10^3$            | 0                    |

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Level Scheme

