

$^{187}\text{Os}(n,\alpha)$ :resonances **1988AnZR**

| Type            | Author                                   | History | Citation          | Literature Cutoff Date |
|-----------------|--|---------|-------------------|------------------------|
| Full Evaluation | F. G. Kondev, S. Juutinen, D. J. Hartley |         | NDS 150, 1 (2018) | 1-Feb-2018             |

**1988AnZR:** E(n)<500 eV. Measured  $\alpha$  decay of highly excited states of  $^{188}\text{Os}$ . Measured  $\Gamma_\alpha$  of 9.47 eV and 12.7 eV neutron resonances and average  $\Gamma_\alpha$  over two energy ranges. Average  $\Gamma_\alpha=17\times 10^{-9}$  eV 10 for E(n)=38-53 eV;  $6.3\times 10^{-9}$  eV 47 for E(n)=53-150 eV.

Other: **1978Ba69**.

 $^{188}\text{Os}$  Levels

| E(level) <sup>†</sup> | Comments                                 |
|-----------------------|--|
| S(n)+0.00947          | $\Gamma_\alpha=6.8\times 10^{-9}$ eV 10. |
| S(n)+0.0127           | $\Gamma_\alpha=2.0\times 10^{-9}$ eV 3.  |

<sup>†</sup> S(n)=7989.61 15 (**2017Wa10**).