

Table 12.10 from (1959AJ76):  
Parameters of the 15.1 MeV  $^{12}\text{C}$  level from  $^{12}\text{C}(\gamma, \gamma')^{12}\text{C}^*$

	(1957HA13)	(1959GA09)
peak absorption, $\sigma_n^0$ (b)	$22.2 \pm 2.2$	$29.7 \pm 1.1$
integrated scattering, $\int \sigma_s dE$ (MeV · mb)	$1.90 \pm 0.27$	$2.33 \pm 0.19$
$\Gamma(\text{total})$ (eV)	$79 \pm 16$	$64.5 \pm 10.4$
$\Gamma_\gamma(15 \rightarrow \text{g.s.})$ (eV)	$54.5 \pm 9.3$	$59.2 \pm 9.7$
$\Gamma_\gamma(15 \rightarrow 4.4)$ (eV)	$< 5.5$	$3.2 \pm 2.5$
$\Gamma_\alpha$ (eV)	$18 - 25^a$	$2.1 \pm 3.2$

<sup>a</sup>  $\Gamma_\alpha/\Gamma < 1.5$  from  $^{11}\text{B}(\text{d}, \text{n})^{12}\text{C}$  (1958KA31).