

Table 15.13 from (1959AJ76):  
Resonances from  $^{14}\text{N}(p, \gamma)^{15}\text{O}$  (1951DU08)

$E_p^e$ (keV)	$\Gamma^e$ (keV)	$\omega\Gamma_\gamma^e$ (eV)	$J^\pi$	$^{15}\text{O}^*^e$ (MeV)
277	$1.9 \pm 0.5^c$	$0.013^b$	$(\frac{5}{2})^b, (\frac{1}{2}^+)^c$	7.559
$1064 \pm 2$	$4.8 \pm 1$	0.63	$\frac{3}{2}^d$	8.293
$1550 \pm 20$	$50 \pm 20$	0.16	$\frac{1}{2}^+^a$	8.747
$1748 \pm 5$	$11 \pm 3$	0.21		8.931
$1815 \pm 4$	$7 \pm 1.5$	0.52		8.994
$2356 \pm 8$	$14 \pm 4$	2.4		9.499
$2489 \pm 7$	$11 \pm 3$	3.3		9.623
$2600 \pm 50^f$	$1270 \pm 50$	46	$(\frac{1}{2}^+, \frac{3}{2}^+)$	9.73

<sup>a</sup> From  $^{14}\text{N}(p, p)^{14}\text{N}$ .

<sup>b</sup> (1955BA83).

<sup>c</sup> (1956OV1A, 1957PIZZ).

<sup>d</sup> (1957GA1B, 1957GO1E, 1957GO1H).

<sup>e</sup> See also Table 15.14 ( $^{14}\text{N}(p, p)^{14}\text{N}$ ).

<sup>f</sup> Presumably to be identified with  $^{15}\text{O}^*(9.465)$ , see Table 15.14 (1959FE1E).