

Table 15.4 from (1959AJ76): Resonances in  $^{13}\text{C} + \text{d}$

$E_d$ (MeV)	Emitted particles	$\Gamma$ (keV)	$^{15}\text{N}^*$ (MeV)	References
0.37	p		16.47	(1956VA17)
0.64	n, $p_0$	$\approx 100$	16.72	(1950CU13, 1950RI57, 1953KO42, 1956MA46, 1956VA17)
0.85	n	$\approx 400$	16.90	(1950RI57)
1.10	$\alpha_0$	broad	17.11	(1956MA35)
$1.24 \pm 0.04$	$t_0$	$\approx 200$	17.24	(1956MA35)
$1.40 \pm 0.04$	$p_0, \alpha_0, t_0$	$\approx 400$	17.37	(1956MA35, 1956MA46)
1.55 <sup>a</sup>	n	$\approx 100$		(1941BE1A, 1950RI57)
$1.64 \pm 0.04$	$t_0$	$\approx 200$	17.58	(1956MA35)
$1.78 \pm 0.05$	n, $\alpha_0$	$\approx 600$	17.70	(1950RI57, 1955MA76, 1956MA35)
$1.80 \pm 0.01$	( $p_0$ ), $\alpha_1, t_0$	$55 \pm 10$	17.72	(1956MA35, 1956MA46)
$2.20 \pm 0.01$	$\alpha_0, \alpha_1$	$22 \pm 4$	18.07	(1956MA35)
$2.23 \pm 0.02$	$p_0, t$	$\approx 50$	18.09	(1956MA35, 1956MA46)
$2.45 \pm 0.03$	n, $p_0, \alpha_0$	$270 \pm 70$	18.28	(1955MA76, 1956MA35, 1956MA46)
$3.46 \pm 0.03$	n	$\approx 150$	19.16	(1955MA76)

<sup>a</sup> Possibly to be identified with 1.40 MeV resonance (1956MA35).