

$^{14}\text{N}(\text{n},\text{X})$  res 1991Aj01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. Ajzenberg-selove	NP A523,1 (1991)	1-Jul-1990

 $^{15}\text{N}$  Levels

E(level)	$J^\pi$	$T_{1/2}$	Comments
11235 5	$\geq 3/2$	3.3 keV	$\Gamma_n < 2.8$ keV; $\Gamma_p < 0.01$ keV
11292.8 6	$1/2^-$	7.0 keV	$\Gamma_n < 2.8$ keV; $\Gamma_p < 9.3$ keV
11429 5	$1/2^+$	40 keV	$\Gamma_n = 31.7$ keV; $\Gamma_p = 8.4$ keV
11764 5	$3/2^+$	43 keV	$\Gamma_n = 42$ keV; $\Gamma_p = 0.74$ keV
11878 6	$3/2^-$	18 keV	$\Gamma_n = 17.8$ keV; $\Gamma_p = 0.19$ keV
11942 6	$\geq 3/2$	<3.0 keV	$\Gamma_n < 1.9$ keV; $\Gamma_p < 0.1$ keV
11963 7	$1/2^-$	12 keV	$\Gamma_n = 11.2$ keV; $\Gamma_p = 0.37$ keV
12093 7	$5/2^{(+)}$	20 keV	$\Gamma_n = 18.7$ keV; $\Gamma_p = 0.84$ keV; $\Gamma_\alpha = 0.37$ keV
12140 8	$5/2^{(+)}$	50.2 keV	$\Gamma_n = 38.3$ keV; $\Gamma_p = 10.3$ keV; $\Gamma_\alpha = 1.7$ keV
12321 8	$5/2^{(-)}$	21 keV	$\Gamma_n = 19.6$ keV; $\Gamma_p = 0.2$ keV; $\Gamma_\alpha < 0.1$ keV
12493 10	$(5/2^+)$	44 keV	$\Gamma_n = 34.5$ keV; $\Gamma_p = 0.46$ keV; $\Gamma_\alpha = 8.4$ keV
$12.91 \times 10^3$	$3/2^-$	61 keV	$\Gamma_n = 36.4$ keV; $\Gamma_p = 7.3$ keV; $\Gamma_\alpha = 16.8$ keV
$13.14 \times 10^3$		<3 keV	$\Gamma_\alpha > 0$ keV
$13.18 \times 10^3$		$\approx 7$ keV	$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$13.36 \times 10^3$	$3/2^-$	37 keV	$\Gamma_\alpha > 0$ keV
$13.39 \times 10^3$	$5/2^+$	89 keV	$\Gamma_p > 0$ keV
$13.59 \times 10^3$	$5/2^+$	19 keV	$\Gamma_n = 14.9$ keV; $\Gamma_p = 1.0$ keV; $\Gamma_\alpha = 3.0$ keV
$13.72 \times 10^3$		56 keV	$\Gamma_p > 0$ keV; $\Gamma_\alpha > 0$ keV
$13.83 \times 10^3$	$3/2^+$	79 keV	$\Gamma_n > 0$ keV; $\Gamma_p > 0$ keV; $\Gamma_\alpha > 0$ keV
$14.11 \times 10^3$		$\approx 19$ keV	$\Gamma_n > 0$ keV; $\Gamma_p > 0$ keV; $\Gamma_\alpha > 0$ keV
$14.16 \times 10^3$	$3/2^{(+)}$	29 keV	$\Gamma_n > 0$ keV; $\Gamma_p > 0$ keV; $\Gamma_\alpha > 0$ keV
$\approx 14.4 \times 10^3$		$\approx 1.9$ MeV	$\Gamma_n \approx 930$ keV; $\Gamma_p \approx 187$ keV; $\Gamma_\alpha \approx 1000$ keV
$14.65 \times 10^3$		47 keV	$\Gamma_n > 0$ keV; $\Gamma_p > 0$ keV; $\Gamma_\alpha > 0$ keV
$\approx 14.8 \times 10^3$		$\approx 280$ keV	$\Gamma_n > 0$ keV; $\Gamma_p > 0$ keV; $\Gamma_\alpha > 0$ keV
$14.92 \times 10^3$		37 keV	$\Gamma_\alpha > 0$ keV
$15.12 \times 10^3$			$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$15.52 \times 10^3$			$\Gamma_\alpha > 0$ keV
$16.06 \times 10^3$		93 keV	$\Gamma_\alpha > 0$ keV
$16.37 \times 10^3$			$\Gamma_\alpha > 0$ keV
$16.58 \times 10^3$		70 keV	$\Gamma_\alpha > 0$ keV
$16.67 \times 10^3$		93 keV	$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$16.94 \times 10^3$		159 keV	$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$17.31 \times 10^3$		186 keV	$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$17.51 \times 10^3$			$\Gamma_\alpha > 0$ keV
$17.68 \times 10^3$		112 keV	$\Gamma_\alpha > 0$ keV
$17.81 \times 10^3$		168 keV	$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$18.22 \times 10^3$		159 keV	$\Gamma_n > 0$ keV; $\Gamma_\alpha > 0$ keV
$18.29 \times 10^3$		112 keV	$\Gamma_\alpha > 0$ keV