

$^{14}\text{C}(\alpha,\alpha')$  1991Aj01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	F. Ajzenberg-selove, J. H. Kelley and C. D. Nesaraja		NP A523,1 (1991)	1-Jul-1990

Projectile:energy:35 MeV.

$\beta^2$  = collective deformation parameter.

 $^{14}\text{C}$  Levels

E(level)	$J^\pi$	L	$\beta^2$	E(level)	$J^\pi$	L	$\beta^2$	E(level)	$J^\pi$	L	$\beta^2$
0				$9.80 \times 10^3$	$3^-$	3	0.068	$12.96 \times 10^3$	$(3^-)$	(3)	0.033
$6.09 \times 10^3$	$1^-$	1	0.050	$10.44 \times 10^3$	$6 \ 2^+$	2	0.038	$13.58 \times 10^3$	$1^-$	1	0.068
$6.73 \times 10^3$	$3^-$	3	0.158	$10.74 \times 10^3$	$4^+$	4	0.018	$14.82 \times 10^3$	$3^-$	3	0.079
$7.01 \times 10^3$	$2^+$	2	0.086	$11.32 \times 10^3$	$6 \ 2^+$	2	0.014	$15.66 \times 10^3$	$3^-$	3	0.096
$7.34 \times 10^3$	$2^-$			$11.62 \times 10^3$	$8 \ 4^-$						
$8.32 \times 10^3$	$2^+$	2	0.049	$12.58 \times 10^3$	$3^-$	3	0.041				