

Table 5.2 from (66LA04): Ground state of ${}^5\text{He}$ ^a

$Q({}^4\text{He} + n)$ (keV)	$\Gamma_{c.m.}$ (keV)	Reaction	Reference
900 ± 70		6	AL53A
950 ± 70		6	MO53D
800 ± 100		6	YO60B
790 ± 30	630 ± 36	6	SM63
920 ± 40		7	ST64I
880 ± 50		9	FR54H
	550 ± 30	9	WA57
850 ± 50	570 ± 20	9	OH64A
1090 ± 100	1100	12	FR54B
890 ± 90	690 ± 200	14	LE55
970 ± 40	700 ± 200	15	CR56D
900 ± 100		18	FR51B
900 ± 100	300 ± 100	18	CU53A
1400 ± 20		18	KH55
860 ± 90	660 ± 200	18	LE55
1000 ± 50		18	WE58A
891 ± 51	577 ± 15		mean

^a See (OH64A). Cited Q values represent peaks in particle spectra; because of penetration factors, they require corrections if the energy corresponding to 90° n - α phase shift is desired. For reactions 7 and 9, (OH64A) give $Q(90^\circ) = -900 \pm 40$ and -930 ± 70 keV respectively. In the present article we have preferred to use the (MA65A) value of -958 ± 19 keV.