

Isotopic composition of ${}^6\text{Li}$ fragments

Charge	Isotope	Composition, %	Mean multiplicity
1	${}^1\text{H}$	44 ± 7	0.40 ± 0.07
	${}^2\text{H}$	43 ± 7	0.39 ± 0.05
	${}^3\text{H}$	13 ± 3	0.11 ± 0.03
	All		0.90 ± 0.02
2	${}^3\text{He}$	30 ± 7	0.11 ± 0.02
	${}^4\text{He}$	68 ± 8	0.25 ± 0.03
	${}^6\text{He}$	1.4 ± 0.3	0.005 ± 0.002

Channels of ${}^6\text{Li}$ fragmentation

Charged-particle content of a channel	Number of events	Charged-particle content of a channel	Number of events
$Q = 0$	179	tdp	8
p	90	tt	4
pp	23	${}^3\text{He}$	46
ppp	5	${}^3\text{Hep}$	18
$pppp$	1	${}^3\text{Hepp}$	1
d	97	${}^3\text{Hed}$	29
dp	64	${}^3\text{Hedp}$	1
dpp	8	${}^3\text{Het}$	8
dd	27	${}^4\text{He}$	97
ddp	8	${}^4\text{Hep}$	65
ddd	3	${}^4\text{Hepp}$	4
t	32	${}^4\text{Hed}$	61
tp	24	${}^6\text{He}$	5
tpp	5	${}^6\text{Li}$	13
td	21		

Number of events of ${}^6\text{Li}$ coherent dissociation

Dissociation channel	Number of events	
	without the excitation of the target nucleus ($N_h = 0$)	with the excitation of the target nucleus ($N_h \neq 0$)
${}^4\text{He} + d$	23	24
${}^3\text{He} + t$	4	1
$t + d + p$	4	3
$d + d + d$	0	2