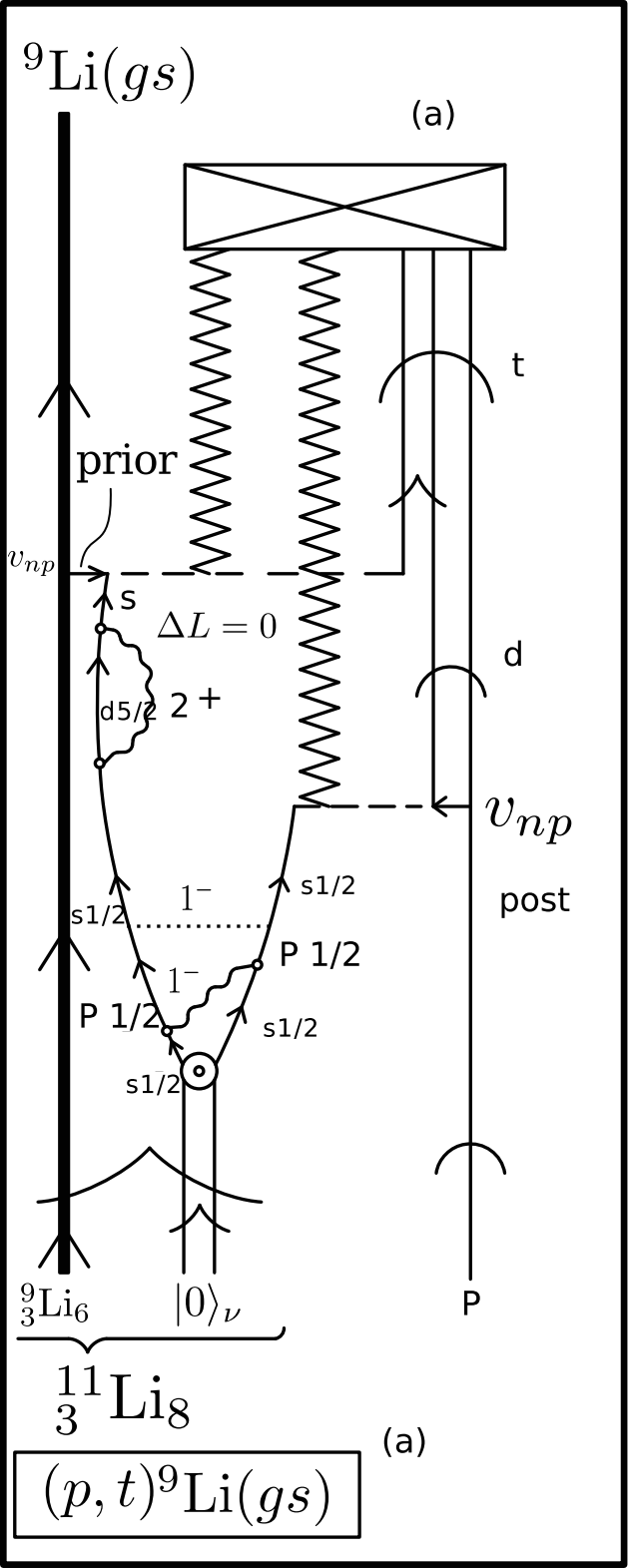
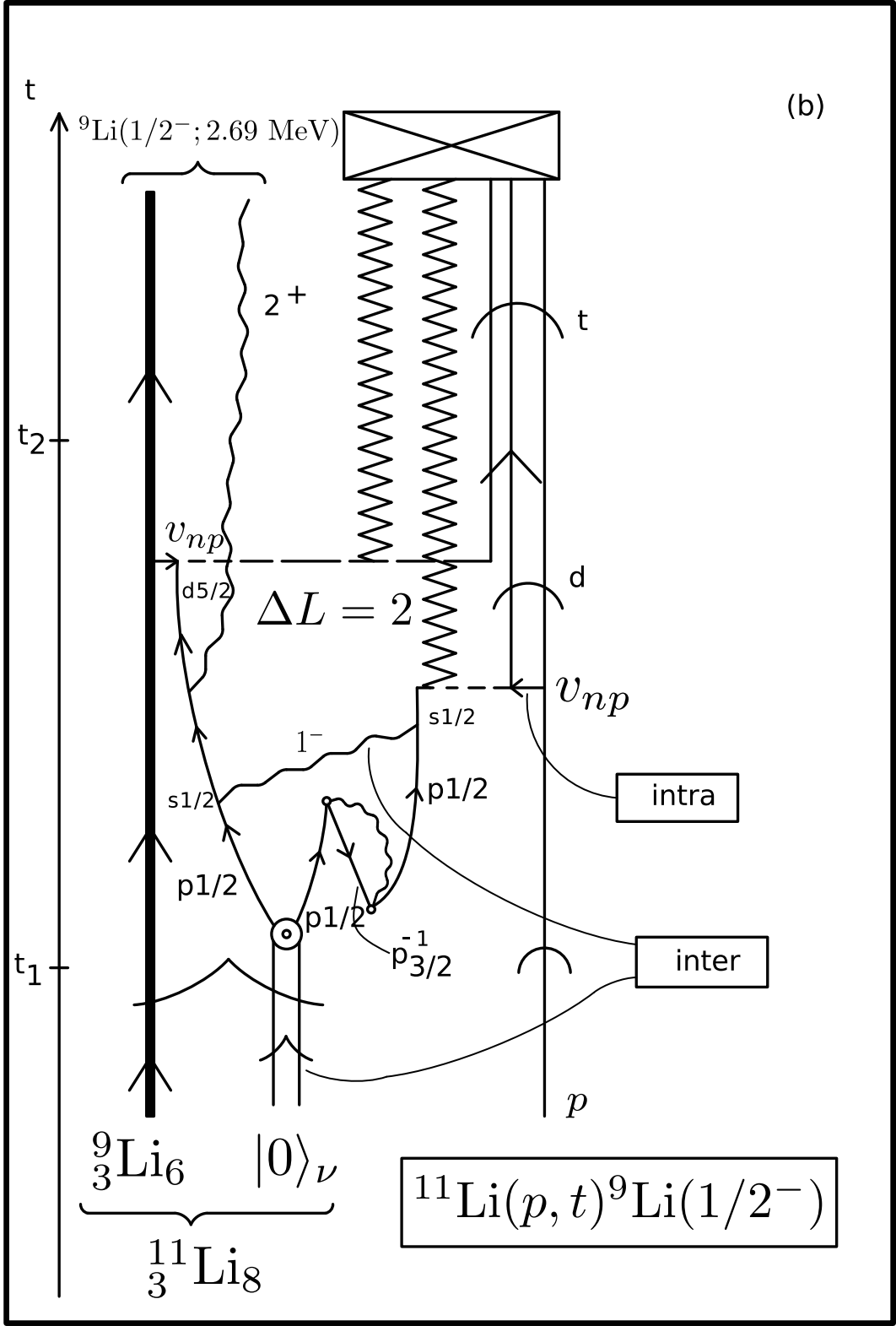

^{9}Li(gs)
(a)
t
prior
v_{np}
s
$\Delta L = 0$
d
d5/2
2 +
v_{np}
s1/2
1$^-$
s1/2
post
P 1/2
1$^-$
P 1/2
s1/2
s1/2
$^9_3$Li$_6$
$|0\rangle_\nu$
P
$^{11}_3$Li$_8$
(a)
$(p,t)^9$Li(gs)


t
^{9}Li(1/2$^-$; 2.69 MeV)
(b)
2 +
t
t$_2$
v_{np}
d5/2
$\Delta L = 2$
d
v_{np}
s1/2
1$^-$
intra
s1/2
p1/2
p1/2
p1/2
p$^{-1}_{3/2}$
inter
t$_1$
p
$^9_3$Li$_6$
$|0\rangle_\nu$
^{11}Li$(p,t)^9$Li(1/2$^-$)
$^{11}_3$Li$_8$