

22-Ti-46 (n, 2n) 22-Ti-45

Abundance (%) = 8.25 ± 0.03

Q = -13.18986 MeV

E_{thr} = 13.47938 MeV

$T_{1/2}$ = 184.8 m s

E_{γ} = 719.6 ± 0.3 keV

I_{γ} = 0.154 ± 0.012

EC+ β^+

D-99 (JENDL/D-99) - eval. - Jan 1996 N. Odano.

RRDF-98 - eval. - Jan 1994 K. Zolotarev et al.

JENDL-3.2 - eval. - Sep 1988 K. Kobayashi, H. Hashicura.

Tabl. 1

U-235			
	D-99	RRDF-98	JENDL-3
10%	14.30	14.30	14.30
50%	15.60	15.60	15.50
90%	17.20	17.20	17.10
ACS	3.78E-06	3.49E-06	3.08E-06

Tabl. 2

Cf-252			
	D-99	RRDF-98	JENDL-3
10%	14.40	14.40	14.30
50%	15.70	15.70	15.60
90%	17.30	17.30	17.20
ACS	1.04E-05	9.63E-06	8.43E-06

Tabl. 3

1.5+07	1.5+07	1	3HUNDEB	C,65ANTWERP,,537	1965 J.CSIKAI	30038004
1.5+07	1.5+07	1	3POLLOU	P,INR-1464,14	1973 J.ARMINOWICZ,	30264008
1.3+07	1.5+07	6	3HUNKOS	C,82ANTWER,,414	1982 J.CSIKAI	30640004
1.5+07	1.5+07	1	3CPRSST	J,CNP,9,34	1987 ZHOU MUYAO,	30755004
1.5+07	1.5+07	1	3BANRAM	P,INDC(BAN)-002,1	1983 N.T.MOLLA,	30577002
1.4+07	2.0+07	5	1CANTOR	J,CJP,44,2337	1966 H.L.PAI	11630003
1.4+07	2.0+07	18	2ZZZGEL	J,AKE,26,34	1975 A.PAULSEN,	20486002
1.4+07	1.5+07	6	2JPNJAE	R,JAERI-1312	1988 Y.IKEDA,	22089025
1.5+07	1.5+07	1	3INDPOO	J,IPA,29,665	1991 P.M.DIGHE,	30962002
1.4+07	1.4+07	1	1USAANL	J,PR,122,168	1961 L.A.RAYBURN	11328009
1.5+07	1.5+07	1	1USAARK	J,PR,115,989	1959 A.POULARIKAS,	11484005
1.5+07	1.5+07	1	1USAARK	T,SIGG	1976 R.A.SIGG	10776020
1.5+07	1.5+07	1	2GERJUL	J,NP/A,283,269	1977 S.M.QAIM,	20721002
1.4+07	2.0+07	7	2GERHAM	J,NP,63,438	1965 M.BORMANN,	20887012
1.3+07	2.0+07	10	1USALAS	J,PR,121,1438	1961 R.J.PRESTWOOD,	11645005
1.4+07	1.4+07	1	2ITYBOL	J,NC,26,1328	1962 M.CEVOLANI,	21266006
1.4+07	1.4+07	1	4RUSEPA	R,YK-9,50	1972 G.N.MASLOV,	40136003

$^{46}\text{Ti}(n,2n)^{45}\text{Ti}$ 