

16-S-32 (n, p) 15-P-32

Abundance (%) = 95.02 ± 0.09
 Q = -0.92831 MeV E_{thr} = 0.95760 MeV
 T_{1/2} = 14.262 d 14
 E_p⁻ = 1710.6 ± 0.3 keV I_p⁻ = 100.0 β⁻

IRDF-90 - eval. - 1991 D. Hetrick, C. Fu.
 D-99 (JENDL/D-99) - eval. - May 1987 H. Nakamura.
 ENDF/B-VI - eval. - Oct 1977 R. Howerton.
 JENDL-3.2 - eval. - May 1987 H. Nakamura.
 JEF-2 - eval. - May 1987 H. Nakamura.

Tabl. 1

U-235					
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2
10%	2.50	2.50	2.60	2.50	2.50
50%	4.00	3.90	3.95	3.90	3.90
90%	6.40	6.40	6.50	6.40	6.40
ACS	6.25E-02	6.68E-02	6.34E-02	6.68E-02	6.68E-02

Tabl. 2

Cf-252					
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2
10%	2.60	2.50	2.60	2.50	2.50
50%	4.10	4.00	4.00	4.00	4.00
90%	6.70	6.70	6.80	6.70	6.70
ACS	7.02E-02	7.50E-02	7.14E-02	7.50E-02	7.50E-02

Tabl. 3

1.5+07	1.5+07	1	1USASTF	R,AFWL-TR-68-134	6903 R.C.BARRALL,	10022006
1.5+07	1.5+07	1	1USALRL 1USASTF	J,NP/A,138,387	6912 R.C.BARRALL,	10031003
1.4+07	1.5+07	1	1CANCRC	J,CJP,31,267	53 E.B.PAUL,	11274016
1.3+07	2.0+07	13	1CANCRC	J,CJC,41,123	63 D.C.SANTRY,	11543002
1.0+07	1.2+07	3	1CANCRC	J,CJC,41,123	63 D.C.SANTRY,	11543003
1.6+06	5.7+06	12	1USALAS	J,PR,107,1363	5709 L.ALLEN JR,	11571002
6.1+06	9.6+06	8	1USALAS	J,PR,107,1363	5709 L.ALLEN JR,	11571003
1.3+07	1.5+07	12	1USALAS	J,PR,107,1363	5709 L.ALLEN JR,	11571004
2.9+06	8.1+06	4	1USALAS	J,PR,107,1363	5709 L.ALLEN JR,	11571005
1.4+07	1.4+07	1	1USALAS	J,PR,107,1363	5709 L.ALLEN JR,	11571006
1.6+06	5.8+06	8	1USALAS	J,PR,73,106	4801 E.D.KLEMA,	11581002
1.5+07	1.5+07	1	2UK NPL	J,JNE,27,531	7308 J.C.ROBERTSON,	20799010
1.5+07	1.5+07	1	2ITYTUR	J,NP/A,93,218	6703 A.PASQUARELLI	20889017
1.9+06	3.7+06	39	2SWTETH	J,NC,8,383	5103 R.RICAMO,	21168002
1.6+06	2.2+06	16	2ZZZGEL	C,66PARIS,217	6610 A.PAULSEN,	21741003
1.4+07	1.4+07	1	3INDMUA	C,60WALTAIR,297	6002 C.S.KHURANA,	30403011
1.5+07	1.5+07	1	3INDMUA	J,NP,69,153	6507 C.S.KHURANA,	31316005
1.4+07	1.4+07	1	4CCPKAZ	J,ZET,45,(2),305	63 V.N.LEVKOVSKIJ	40016017
1.5+07	1.5+07	1	4CCPKAZ	J,YF,8,(1),7	6807 V.N.LEVKOVSKIJ,	40223011

$^{32}\text{S}(n,p)^{32}\text{P}$ 