

List of reactions in RRDF-98

Isotope/Reaction	MAT	Threshold energy (MeV)	Authors	Date
$^{12}\text{C}(n,2n)^{11}\text{C}$	613	20.4095	K.I.Zolotarev, A.B.Pashchenko, M.V.Scripova	September 1998
$^{16}\text{O}(n,2n)^{15}\text{O}$	813	16.6481	K.I.Zolotarev, A.B.Pashchenko, M.V.Scripova	May 1998
$^{19}\text{F}(n,2n)^{18}\text{F}$	912	10.985	K.I.Zolotarev, A.B.Pashchenko	December 1993
$^{24}\text{Mg}(n,p)^{24}\text{Na}$	1225	4.9311	S.Badikov, K.I.Zolotarev	August 1994
$^{46}\text{Ti}(n,2n)^{45}\text{Ti}$	2212	13.4802	K.I.Zolotarev, S.Badikov, A.B.Pashchenko	January 1994
$^{46}\text{Ti}(n,p)^{46}\text{Sc}$	2212	1.6197	K.I.Zolotarev, S.Badikov, A.B.Pashchenko	January 1994
$^{47}\text{Ti}(n,x)^{46}\text{Sc}$	2222	9.0709	K.I.Zolotarev, A.B.Pashchenko,	October 1995
$^{48}\text{Ti}(n,p)^{48}\text{Sc}$	2232	3.2756	K.I.Zolotarev, A.B.Pashchenko	December 1993
$^{48}\text{Ti}(n,x)^{47}\text{Sc}$	2232	9.41396	K.I.Zolotarev, A.B.Pashchenko,	December 1993
$^{49}\text{Ti}(n,x)^{48}\text{Sc}$	2242	8.3077	K.I.Zolotarev, A.B.Pashchenko	November 1993
$^{51}\text{V}(n,\alpha)^{48}\text{Sc}$	2323	11.2688	K.I.Zolotarev, V.N.Manokhin, A.B.Pashchenko	November 1997
$^{54}\text{Fe}(n,2n)^{53\text{m}}\text{Fe}$	2613	13.6302	K.I.Zolotarev, A.B.Pashchenko, M.V.Scripova	August 1998
$^{54}\text{Fe}(n,\alpha)^{51}\text{Cr}$	2611	10^{-11}	K.I.Zolotarev	June 1996
$^{56}\text{Fe}(n,p)^{56}\text{Mn}$	2622	2.9709	K.I.Zolotarev	November 1992
$^{59}\text{Co}(n,\alpha)^{56}\text{Mn}$	2712	10^{-11}	K.I.Zolotarev	December 1997
$^{63}\text{Cu}(n,\alpha)^{60}\text{Co}$	2911	10^{-11}	K.I.Zolotarev	March 1997
$^{75}\text{As}(n,2n)^{74}\text{As}$	3312	10.3779	K.I.Zolotarev, V.N.Manokhin, A.B.Pashchenko	September 1994
$^{93}\text{Nb}(n,n')^{93\text{m}}\text{Nb}$	4112	0.03073	K.I.Zolotarev, S.Badikov	August 1996
$^{93}\text{Nb}(n,2n)^{92\text{m}}\text{Nb}$	4112	9.0523	K.I.Zolotarev, S.Badikov	August 1996
$^{103}\text{Rh}(n,n')^{103\text{m}}\text{Rh}$	4525	0.04	S.Badikov	August 1996
$^{115}\text{In}(n,n')^{115\text{m}}\text{In}$	4931	0.32	S.Badikov	August 1996
$^{141}\text{Pr}(n,2n)^{140}\text{Pr}$	5912	9.4607	K.I.Zolotarev, A.B.Pashchenko, M.V.Scripova	January 1994