

Список реакцій в NEFGRD

| Реакція | Назва файлу *.pdf | Реакція | Назва файлу *.pdf | Реакція | Назва файлу *.pdf |
|--|----------------------|--|----------------------|--|----------------------|
| ${}^6\text{Li}(n,\alpha)$ | Li6na | ${}^{50}\text{Cr}(n,g){}^{51}\text{Cr}$ | Cr50ng | ${}^{109}\text{Ag}(n,g){}^{110m}\text{Ag}$ | Ag109ngm |
| ${}^6\text{Li}(n,t){}^4\text{He}$ | Li6nt | ${}^{52}\text{Cr}(n,2n){}^{51}\text{Cr}$ | Cr52n2n | $\text{Cd}(n,g)$ | Cdng |
| ${}^7\text{Li}(n,t)$ | Li7nt | ${}^{55}\text{Mn}(n,g){}^{56}\text{Mn}$ | Mn55ng | ${}^{115}\text{In}(n,g){}^{116(m_1+m_2)}\text{In}$ | In115ngm12 |
| ${}^{10}\text{B}(n,\alpha){}^7\text{Li}$ | B10na | ${}^{55}\text{Mn}(n,2n){}^{54}\text{Mn}$ | Mn55n2n | ${}^{115}\text{In}(n,2n){}^{114m}\text{In}$ | In115n2nm |
| ${}^{10}\text{B} \alpha \text{ prod}$ | B10napr | ${}^{54}\text{Fe}(n,p){}^{54}\text{Mn}$ | Fe54np | ${}^{115}\text{In}(n,n'){}^{115m}\text{In}$ | In115nmm |
| ${}^{12}\text{C}(n,2n){}^{11}\text{C}$ | C12n2n | ${}^{56}\text{Fe}(n,p){}^{56}\text{Mn}$ | Fe56np | ${}^{127}\text{I}(n,2n){}^{126}\text{I}$ | I127n2n |
| ${}^{16}\text{O}(n,2n){}^{15}\text{O}$ | O16n2n | ${}^{54}\text{Fe}(n,\alpha){}^{51}\text{Cr}$ | Fe54na | ${}^{139}\text{La}(n,g){}^{140}\text{La}$ | La139ng |
| ${}^{19}\text{F}(n,2n){}^{18}\text{F}$ | F19n2n | ${}^{58}\text{Fe}(n,\alpha){}^{55}\text{Cr}$ | Fe58na | ${}^{141}\text{Pr}(n,2n){}^{140}\text{Pr}$ | Pr141n2n |
| ${}^{23}\text{Na}(n,g){}^{24}\text{Na}$ | Na23ng | ${}^{58}\text{Fe}(n,g){}^{59}\text{Fe}$ | Fe58ng | ${}^{93}\text{Nb}(n,2n){}^{92m}\text{Nb}$ | Nb93n2nm |
| ${}^{23}\text{Na}(n,2n){}^{22}\text{Na}$ | Na23n2n | ${}^{54}\text{Fe}(n,2n){}^{53}\text{Fe}$ | Fe54n2n | ${}^{93}\text{Nb}(n,n'){}^{93m}\text{Nb}$ | Nb93nmm |
| ${}^{24}\text{Mg}(n,p){}^{24}\text{Na}$ | Mg24np | ${}^{57}\text{Fe}(n,np){}^{56}\text{Mn}$ | Fe57nnp | ${}^{151}\text{Eu}(n,g){}^{152}\text{Eu}$ | Eu151ng |
| ${}^{27}\text{Al}(n,\alpha){}^{24}\text{Na}$ | Al27na | ${}^{59}\text{Co}(n,\alpha){}^{56}\text{Mn}$ | Co59na | $\text{Gd}(n,g)$ | Gdng |
| ${}^{27}\text{Al}(n,p){}^{27}\text{Mg}$ | Al27np | ${}^{59}\text{Co}(n,g){}^{60}\text{Co}$ | Co59ng | ${}^{169}\text{Tm}(n,2n){}^{168}\text{Tm}$ | Tm169n2n |
| ${}^{31}\text{P}(n,p){}^{31}\text{Si}$ | P31np | ${}^{59}\text{Co}(n,2n){}^{58}\text{Co}$ | Co59n2n | ${}^{181}\text{Ta}(n,g){}^{182}\text{Ta}$ | Ta181ng |
| ${}^{32}\text{S}(n,p){}^{32}\text{P}$ | S32np | ${}^{58}\text{Ni}(n,p){}^{58}\text{Co}$ | Ni58np | ${}^{186}\text{W}(n,g){}^{187}\text{W}$ | W186ng |
| ${}^{45}\text{Sc}(n,g){}^{46}\text{Sc}$ | Sc45ng | ${}^{60}\text{Ni}(n,p){}^{60}\text{Co}$ | Ni60np | ${}^{197}\text{Au}(n,g){}^{198}\text{Au}$ | Au197ng |
| $\text{Ti}(n,x){}^{46}\text{Sc}$ | TinxSc46 | ${}^{58}\text{Ni}(n,2n){}^{57}\text{Ni}$ | Ni58n2n | ${}^{197}\text{Au}(n,2n){}^{196}\text{Au}$ | Au197n2n |
| $\text{Ti}(n,x){}^{47}\text{Sc}$ | TinxSc47 | ${}^{63}\text{Cu}(n,\alpha){}^{60}\text{Co}$ | Cu63na | ${}^{199}\text{Hg}(n,n'){}^{199m}\text{Hg}$ | Hg199nmm |
| $\text{Ti}(n,x){}^{48}\text{Sc}$ | TinxSc48 | ${}^{63}\text{Cu}(n,g){}^{64}\text{Cu}$ | Cu63ng | ${}^{204}\text{Pb}(n,n'){}^{204m}\text{Pb}$ | Pb204nmm |
| ${}^{46}\text{Ti}(n,p){}^{46}\text{Sc}$ | Ti46np | ${}^{63}\text{Cu}(n,2n){}^{62}\text{Cu}$ | Cu63n2n | ${}^{232}\text{Th}(n,g){}^{233}\text{Th}$ | Th232ng |
| ${}^{47}\text{Ti}(n,p){}^{47}\text{Sc}$ | Ti47np | ${}^{65}\text{Cu}(n,2n){}^{64}\text{Cu}$ | Cu65n2n | ${}^{232}\text{Th}(n,f)$ | Th232nf |
| ${}^{48}\text{Ti}(n,p){}^{48}\text{Sc}$ | Ti48np | ${}^{64}\text{Zn}(n,p){}^{64}\text{Cu}$ | Zn64np | ${}^{238}\text{U}(n,g){}^{239}\text{U}$ | U238ng |
| ${}^{47}\text{Ti}(n,np){}^{46}\text{Sc}$ | Ti47nnp | ${}^{75}\text{As}(n,2n){}^{74}\text{As}$ | As75n2n | ${}^{235}\text{U}(n,f)$ | U235nf |
| ${}^{48}\text{Ti}(n,np){}^{47}\text{Sc}$ | Ti48nnp | ${}^{89}\text{Y}(n,2n){}^{88}\text{Y}$ | Y89n2n | ${}^{238}\text{U}(n,f)$ | U238nf |
| ${}^{49}\text{Ti}(n,np){}^{48}\text{Sc}$ | Ti49nnp | ${}^{90}\text{Zr}(n,2n){}^{89}\text{Zr}$ | Zr90n2n | ${}^{237}\text{Np}(n,f)$ | Np237nf |
| ${}^{46}\text{Ti}(n,2n){}^{45}\text{Ti}$ | Ti46n2n | ${}^{93}\text{Nb}(n,g){}^{94}\text{Nb}$ | Nb93ng | ${}^{239}\text{Pu}(n,f)$ | Pu239nf |
| ${}^{51}\text{V}(n,\alpha){}^{48}\text{Sc}$ | V51na | ${}^{103}\text{Rh}(n,n'){}^{103m}\text{Rh}$ | Rh103nmm | ${}^{241}\text{Am}(n,f)$ | Am241nf |