Principal cross sections

19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+

Energy (MeV)

Cross section (barns)

total
absorption
elastic
gamma production
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}

total
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
resonance total cross section

Cross section (barns)

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
resonance total cross section

![Graph showing total cross section as a function of energy in MeV, with the cross section in barns on the y-axis and energy on the x-axis.]
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
resonance absorption cross sections

![Graph showing resonance absorption cross sections for a specific isotope.
The x-axis represents energy in MeV, ranging from $10^{-2}$ to $10^{-1}$.
The y-axis represents cross section in barns, ranging from $10^{-3}$ to $10^0$.
The graph includes multiple resonance peaks at various energy levels.
A line labeled "capture" indicates the trend of the cross section with energy.]
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
resonance absorption cross sections

![Graph showing cross section (barns) vs. Energy (MeV)]

- **Cross section (barns)**
- **Energy (MeV)**
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ UR elastic cross section

Cross section (barns)

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ UR capture cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Heating

Energy (MeV)

Heating (MeV/reaction)

heating
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Non-threshold reactions

Energy (MeV)

Cross section (barns)

10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1} 10^{1}

10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}

(n,gma) (n,p) (n,a) (n,xp) (n,xa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Principal cross sections

Graph showing cross-sections vs. energy in MeV for different processes:
- total
- absorption
- elastic
- gamma production

Cross section (barns) vs. Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Damage

![Graph showing damage as a function of energy. The x-axis represents energy in MeV, ranging from 0 to 200. The y-axis represents damage in MeV-barns, ranging from 0 to 300. The graph shows a peak at around 50 MeV, followed by a decrease as energy increases.](image)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
(n,p)
(n,a)
(n,xp)
(n,xa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Inelastic levels

![Graph showing energy versus cross section for inelastic levels](image_url)
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Inelastic levels

![Graph showing cross-section vs energy for different inelastic levels](image-url)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*16)
(n,n*17)
(n,n*18)
(n,n*19)
(n,n*20)

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Inelastic levels

![Graph showing cross section as a function of energy for inelastic levels labeled (n,n*21) to (n,n*25).]
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60
Inelastic levels

Cross section (barns)

Energy (MeV)

- (n,n*26)
- (n,n*27)
- (n,n*28)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Threshold reactions

![Graph showing cross sections vs. energy for different reactions](image-url)

- (n,n*)3a
- (n,2n)a
- (n,3n)a
- (n,n*)p
- (n,n*)2a

Energy (MeV)

Cross section (barns)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Threshold reactions

Cross section (barns)

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Threshold reactions

Cross section (barns)

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Threshold reactions

![Graph showing cross sections for different reactions vs energy.](image-url)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Threshold reactions

Cross section (barns)

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for elastic
angular distribution for elastic
angular distribution for (n,n*1)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*1)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n^*2)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*2)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*4)
angular distribution for (n,n*4)
angular distribution for (n,n*5)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*5)
Angular distribution for (n,n*6)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*6)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*7)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*7)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n^*8)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*8)
angular distribution for (n,n*9)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*9)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*10)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n*10)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*11)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n*11)\)
angular distribution for \((n,n*12)\)
angular distribution for \((n,n*12)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*13)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*13)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*14)
angular distribution for (n,n*14)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*15)
angular distribution for \((n,n*16)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*16)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*17)
Angular distribution for (n,n*17)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*18)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*18)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*19)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*19)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*20)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*20)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*21)
angular distribution for (n,n*21)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*22)
angular distribution for (n,n*22)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*23)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*23)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n^{*24})\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n*24)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*25)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \((n,n*25)\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*26)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*27)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*27)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for (n,n*28)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
angular distribution for \( (n,n^*28) \)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,x)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2nd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2n)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3n)
Neutron emission for (n,n*)a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for \((n,n^*)3a\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2n)a

![Graph showing neutron emission energy distribution with secondary energy on the x-axis, energy on the y-axis, and probability on the z-axis.](image-url)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3n)a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,n*)p
Neutron emission for (n,n*)2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2n)2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,n*)d
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,n*)t
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,n*)he3
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,n*)d2a
Neutron emission for \((n,n^*)t2a\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,4n)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,n^c)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,5n)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2nt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,4np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3nd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,nda)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2npat)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,5np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,4na)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,4nd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3nt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2nhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3nhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,4nhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3n2p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3n2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,npd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,npt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,nphe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,ndhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,nthe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,nta)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,2n2p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,4n2p)
Neutron emission for (n,4npa)
Neutron emission for (n,n3p)

![Diagram showing the neutron emission for (n,n3p) with energy (MeV) on the x-axis, secondary energy on the y-axis, and probability/MeV on the z-axis.]
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Neutron emission for (n,3n2pa)
Photon emission for (n,x)
Photon emission for (n,2nd)
Photon emission for (n,2n)
Photon emission for (n,3n)
Photon emission for \((n,n^*)a\)
Photon emission for (n,n*)3a
Photon emission for (n,2n)a
Photon emission for (n,3n)a
Photon emission for (n,n*)p
Photon emission for (n,n*)2a
Photon emission for (n,2n)2a
Photon emission for \((n,n^*)d\)
Photon emission for (n,n*)t
Photon emission for \((n,n^*)\)he3

![Graph showing photon emission for \((n,n^*)\)he3. The x-axis represents the energy of the incoming neutron \(E_n\) in MeV, ranging from 5 to 60. The y-axis represents the energy of the emitted photon \(E_\gamma\) in MeV, ranging from 0 to 20. The z-axis represents the probability \(Prob/MeV\), ranging from 10\(^{-2}\) to 10\(^2\).]
Photon emission for \((n,n^*)d2a\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,n\*)t2a
Photon emission for (n,4n)
Photon emission for (n,2np)
Photon emission for (n,3np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,2np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,n*c)
Photon emission for (n,gma)
Photon emission for (n,p)
Photon emission for (n,d)
Photon emission for (n,t)
Photon emission for (n,he3)
Photon emission for (n,a)
Photon emission for (n,2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,3a)
Photon emission for (n,2p)
Photon emission for (n,pa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,t2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,d2a)
Photon emission for (n,pd)
Photon emission for (n,pt)
Photon emission for (n,da)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,5n)
Photon emission for (n,2nt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,ta)
Photon emission for (n,4np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,3nd)
Photon emission for (n,nda)
Photon emission for (n,2nπa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,5np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,4nd)
Photon emission for \((n,3\text{nt})\)
Photon emission for \((n,2n\text{he}3)\)
Photon emission for (n,4nhe3)
Photon emission for \((n,3n2p)\)
Photon emission for (n,3n2a)
Photon emission for (n,3n)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,dt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,npd)
Photon emission for (n,npt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,ndt)
Photon emission for \((n, nphe3)\)
Photon emission for (n,ndhe3)
Photon emission for (n,nthe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Photon emission for (n,nta)
Photon emission for (n,2n2p)
Photon emission for (n,phe3)
Photon emission for (n,dhe3)
Photon emission for (n,he3a)
Photon emission for (n,4n2p)
Photon emission for (n,4npea)
Photon emission for (n,3p)
Photon emission for \((n,n3p)\)
Photon emission for (n,3n2pa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
thermal capture photon spectrum
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
14 MeV photon spectrum
Particle heating contributions

19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60 + Recoil Heating

Heating (MeV/reaction) vs. Energy (MeV)

- Recoil heating
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons
deuterons
tritons
he-3
alphas

Energy (MeV)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,x)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,n*)p
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,2np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,3np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,2np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,2p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ protons from (n,pa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,pd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,pt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,4np)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,2npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,3n2p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,3npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,npd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,npt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ protons from (n,nphe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,2n2p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,4n2p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,4npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ protons from (n,3p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,n3p)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
protons from (n,3n2pa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,2nd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from \((n,n^*)d\)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,n*)d2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,d)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,pd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,da)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ deuterons from (n,3nd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,4nd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,dt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuteron from (n,npd)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,ndt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuterons from (n,ndhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
deuteron from (n,dhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,x)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,n*)t2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,t)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,t2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,pt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,ta)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,dt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,npt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ tritons from (n,ndt)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n,nthe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
tritons from (n, nta)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,x)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,n*)he3
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,he3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ he3s from (n,2nhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,3nhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ he3s from (n,4nhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,nphe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,ndhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,nthe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+he3s from (n,phe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
he3s from (n,dhe3)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,x)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,n*)3a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,2n)a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,3n)a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,2n)2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ alphas from (n,n*)d2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,n*)t2a
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ alphas from (n,npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ alphas from (n,a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,3a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,pa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,t2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+ alphas from (n,d2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,da)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,ta)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,nda)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,2npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,4na)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,3n2a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,3n,pa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,nta)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,he3a)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,4npa)
19-K-40 FOR FENDL-3.2 FROM TENDL-2015 BY NJOY2016.60+
alphas from (n,3n2pa)