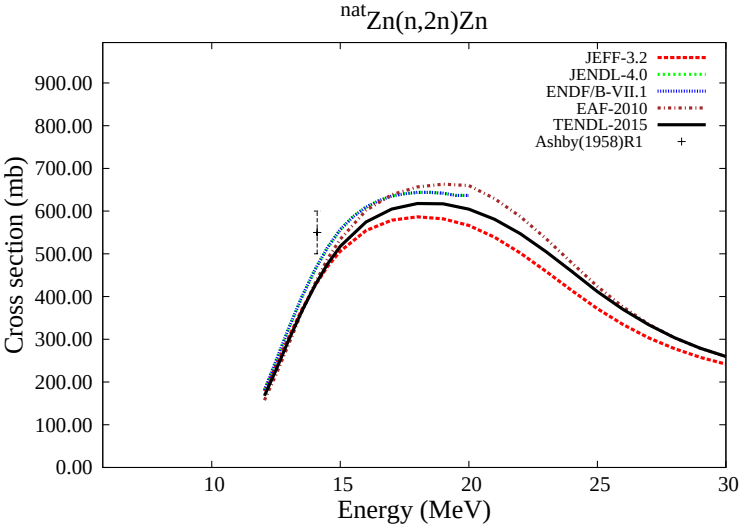
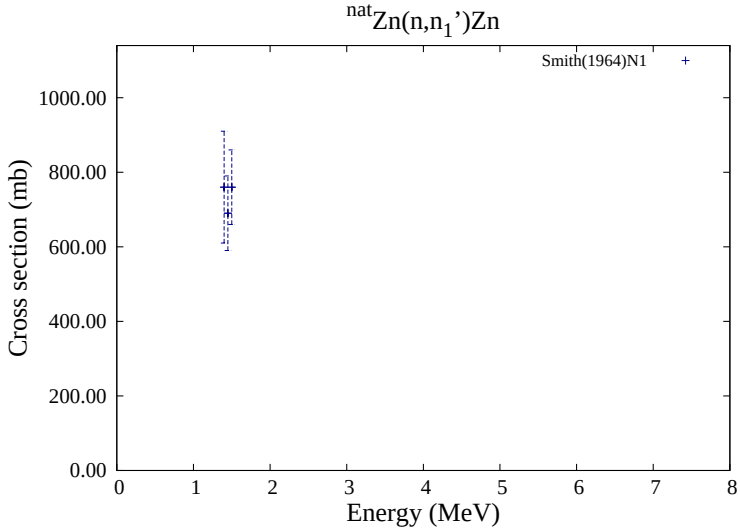
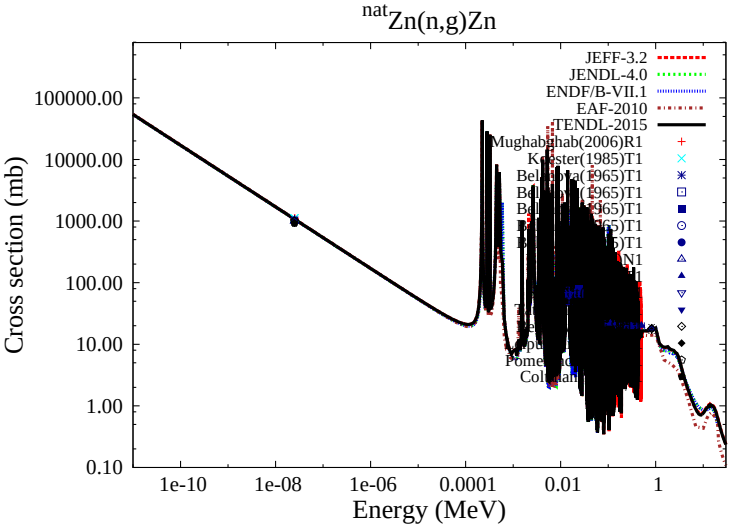
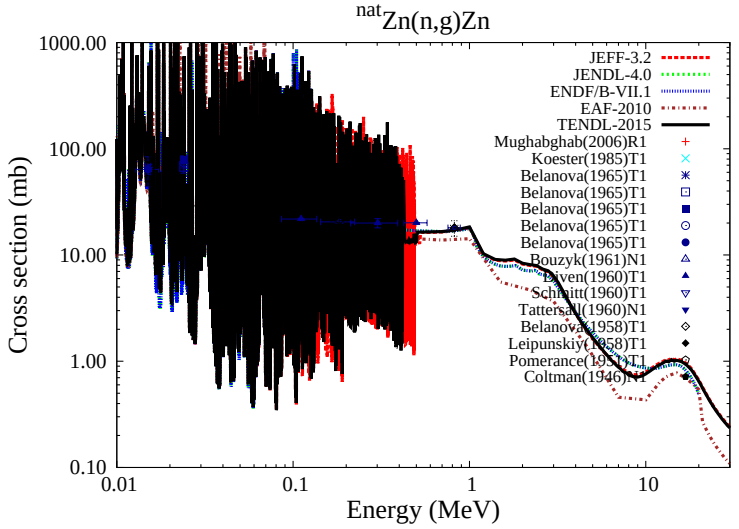
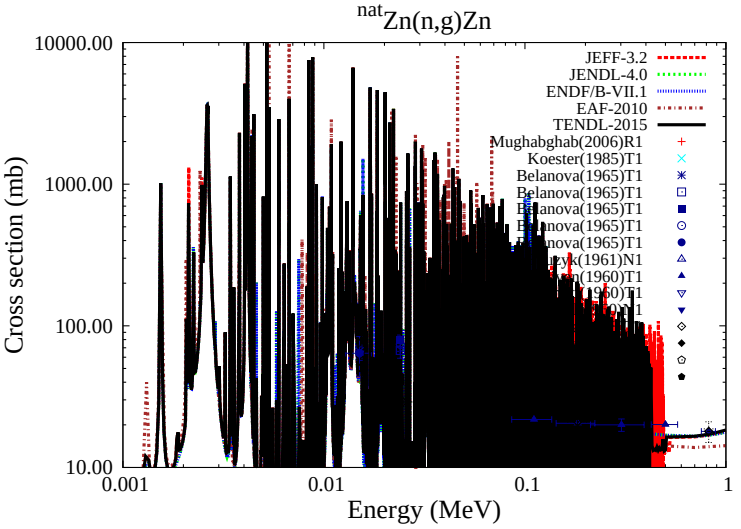
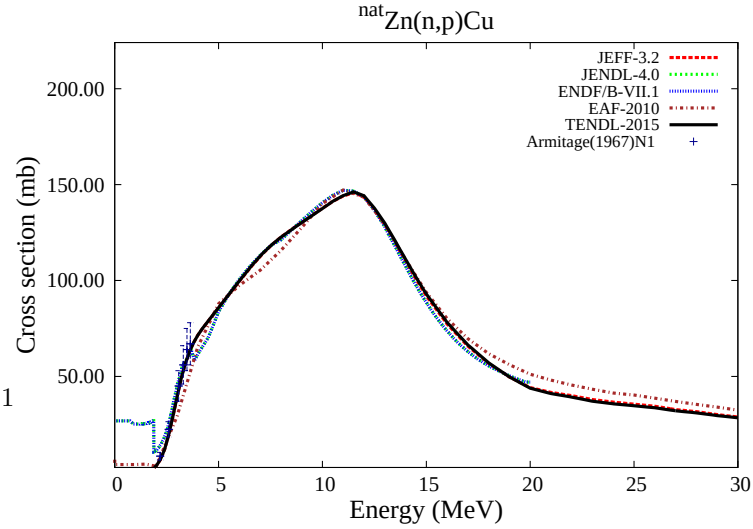

natZn(n,2n)Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Ashby(1958)R1
Cross section (mb)
Energy (MeV)

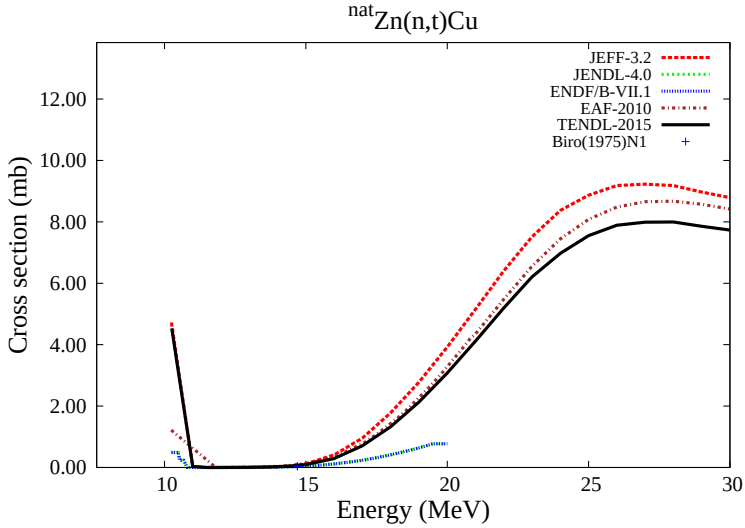

natZn(n,n1')Zn
Smith(1964)N1
Cross section (mb)
Energy (MeV)

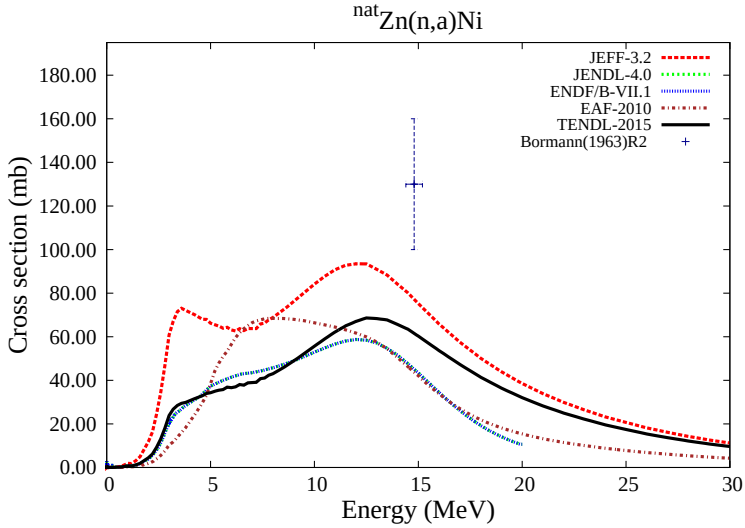

natZn(n,g)Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Koester(1985)T1
Cross section (mb)
Energy (MeV)

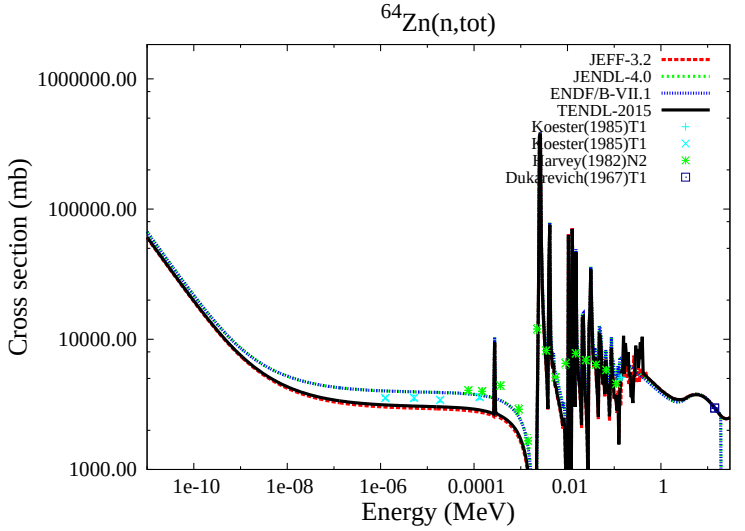

natZn(n,g)Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Koester(1985)T1
Belanova(1965)T1
Belanova(1965)T1
Belanova(1965)T1
Belanova(1965)T1
Belanova(1965)T1
Bouzyk(1961)N1
Bayen(1960)T1
Schmitt(1960)T1
Tattersall(1960)N1
Belanova(1958)T1
Leipunskiy(1958)T1
Pomerance(1951)T1
Coltman(1946)N1
Cross section (mb)
Energy (MeV)

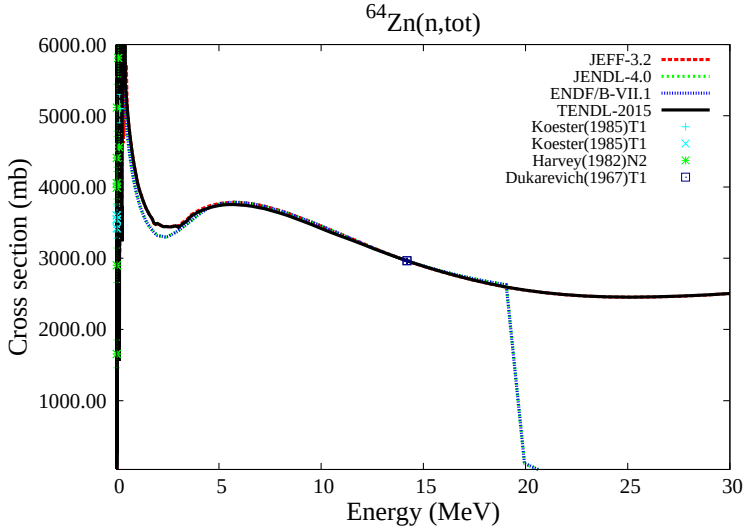

natZn(n,g)Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Koester(1985)T1
Belanova(1965)T1
Belanova(1965)T1
Cross section (mb)
Energy (MeV)

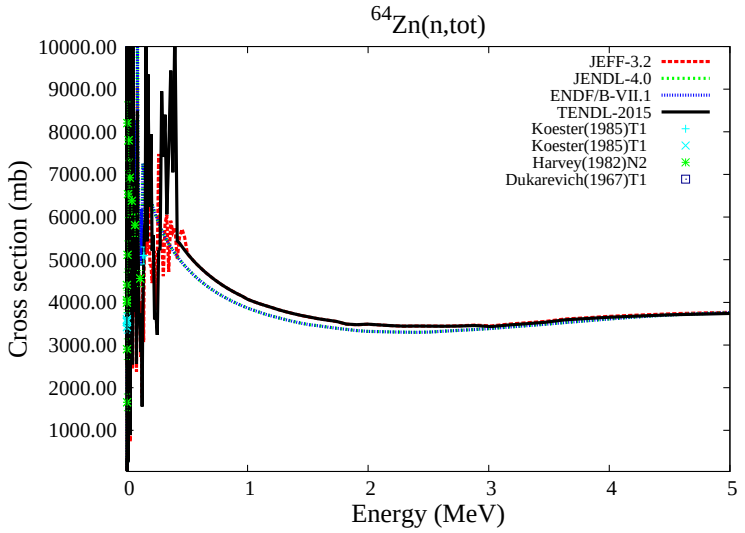

natZn(n,p)Cu
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Armitage(1967)N1
Cross section (mb)
Energy (MeV)

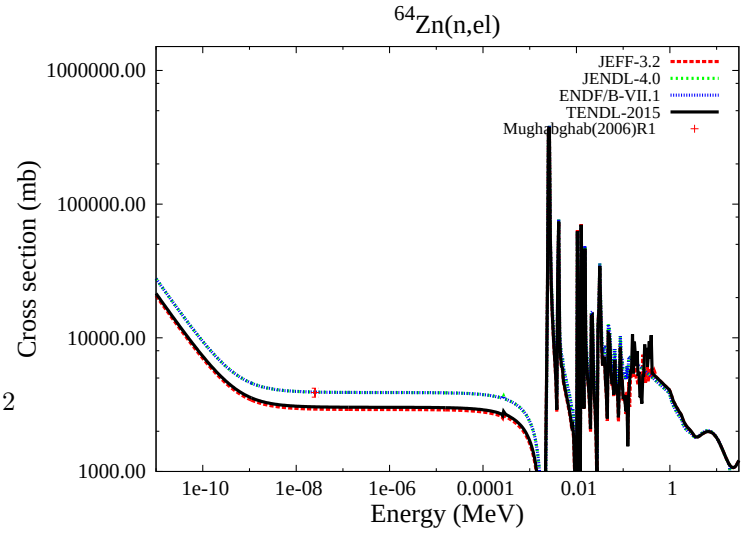

natZn(n,t)Cu
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Biro(1975)N1
Cross section (mb)
Energy (MeV)

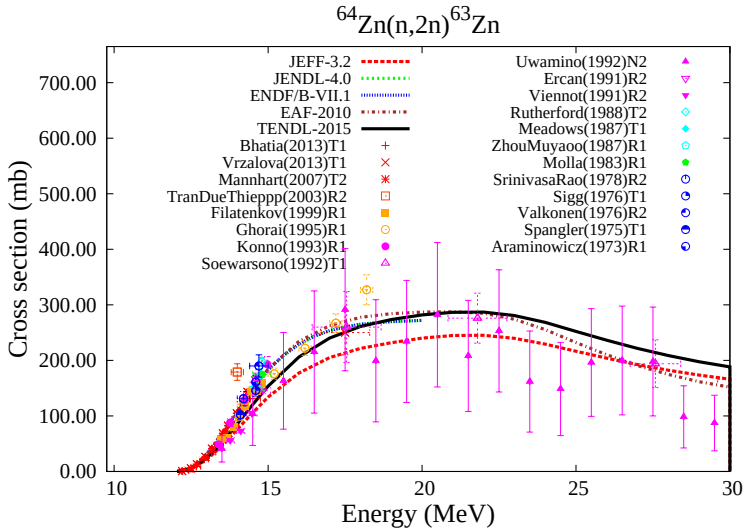

natZn(n,a)Ni
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Bormann(1963)R2
Cross section (mb)
Energy (MeV)

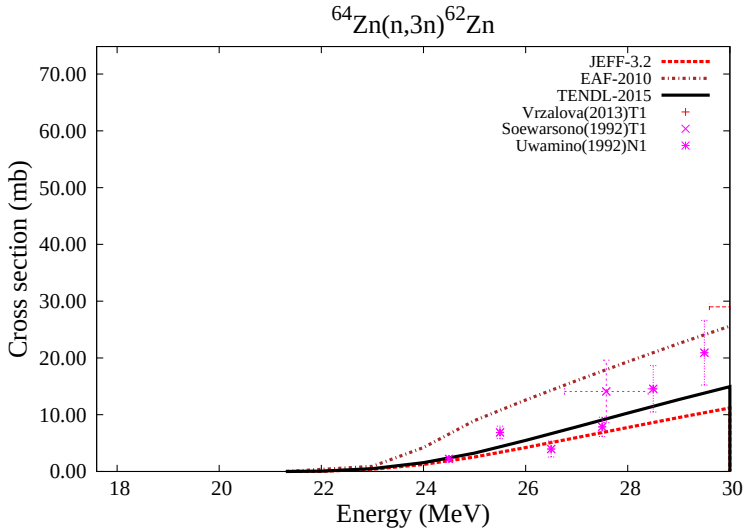

64Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Koester(1985)T1
Koester(1985)T1
Harvey(1982)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

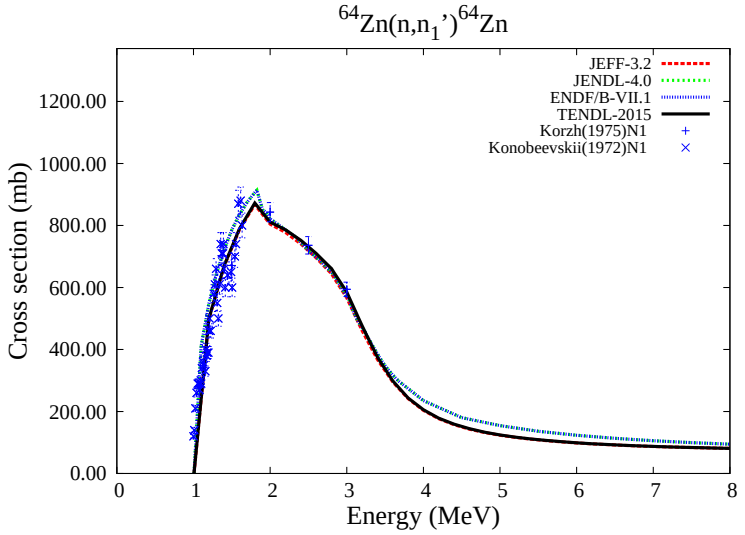

64Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Koester(1985)T1
Koester(1985)T1
Harvey(1982)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

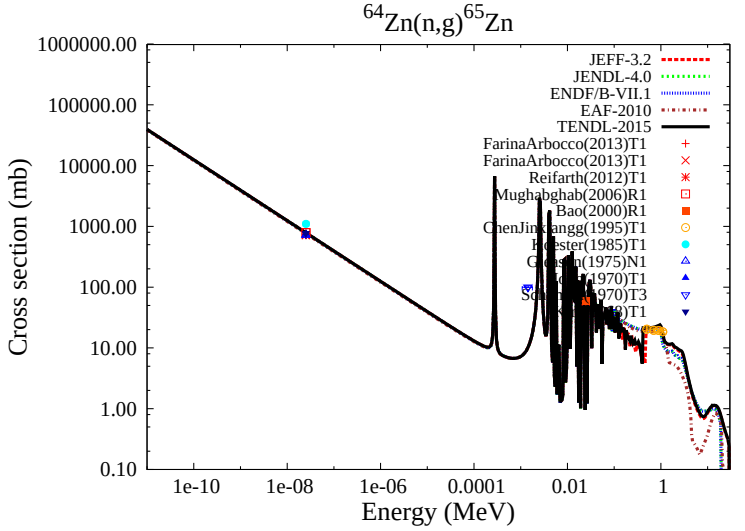

64Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Koester(1985)T1
Koester(1985)T1
Harvey(1982)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

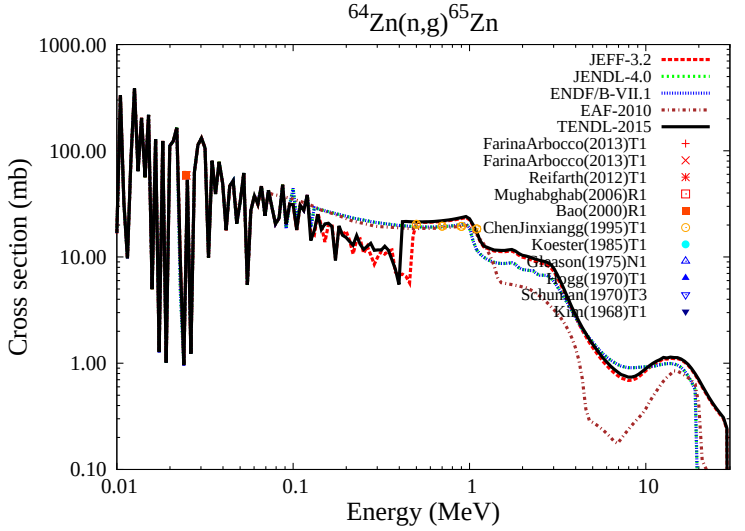

64Zn(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1
Cross section (mb)
Energy (MeV)

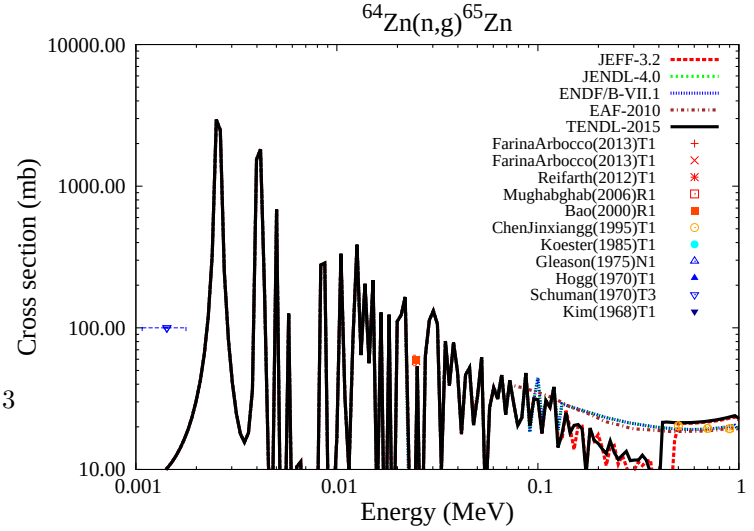

^{64}Zn(n,2n)^{63}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Bhatia(2013)T1
Vrzalova(2013)T1
Mannhart(2007)T2
TranDueThieppp(2003)R2
Filatenkov(1999)R1
Ghorai(1995)R1
Konno(1993)R1
Soewarsono(1992)T1
Uwamino(1992)N2
Ercan(1991)R2
Viennot(1991)R2
Rutherford(1988)T2
Meadows(1987)T1
ZhouMuyaoo(1987)R1
Molla(1983)R1
SrinivasaRao(1978)R2
Sigg(1976)T1
Valkonen(1976)R2
Spangler(1975)T1
Araminowicz(1973)R1

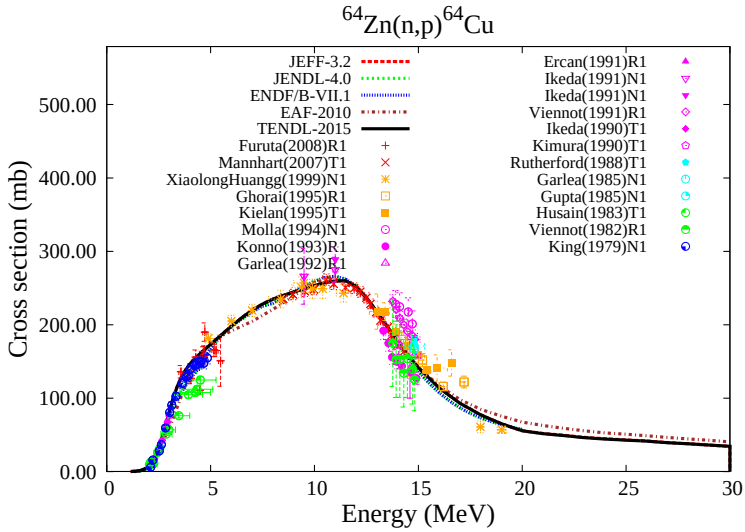

^{64}Zn(n,3n)^{62}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
EAF-2010
TENDL-2015
Vrzalova(2013)T1
Soewarsono(1992)T1
Uwamino(1992)N1

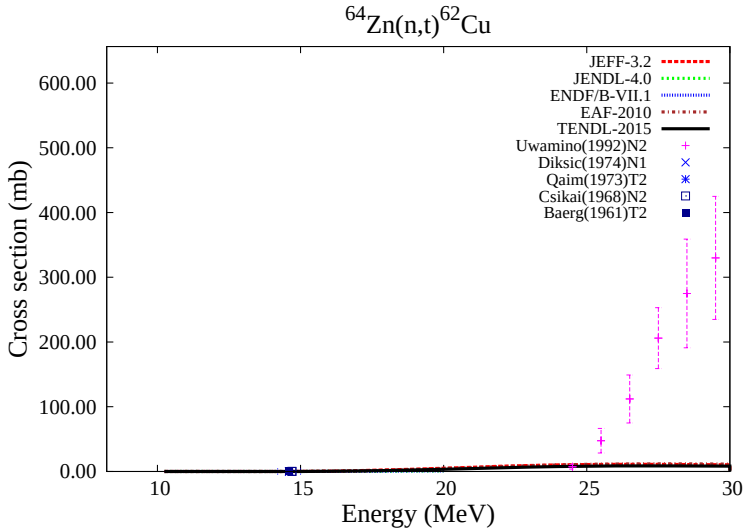

^{64}Zn(n,n$_1$')^{64}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Korzh(1975)N1
Konobeevskii(1972)N1

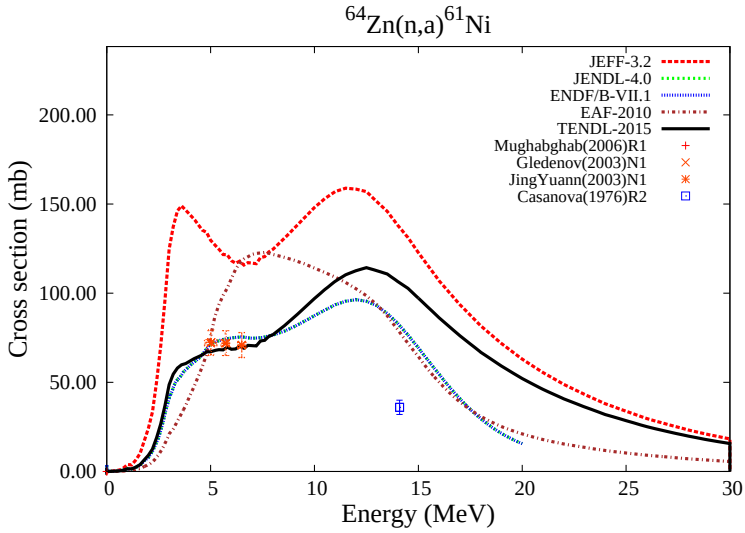

^{64}Zn(n,g)^{65}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Reifarth(2012)T1
Mughabghab(2006)R1
Bao(2000)R1
ChenJinxiangg(1995)T1
Koester(1985)T1
Gleason(1975)N1
Hogg(1970)T1
Schuman(1970)T3
Kim(1968)T1

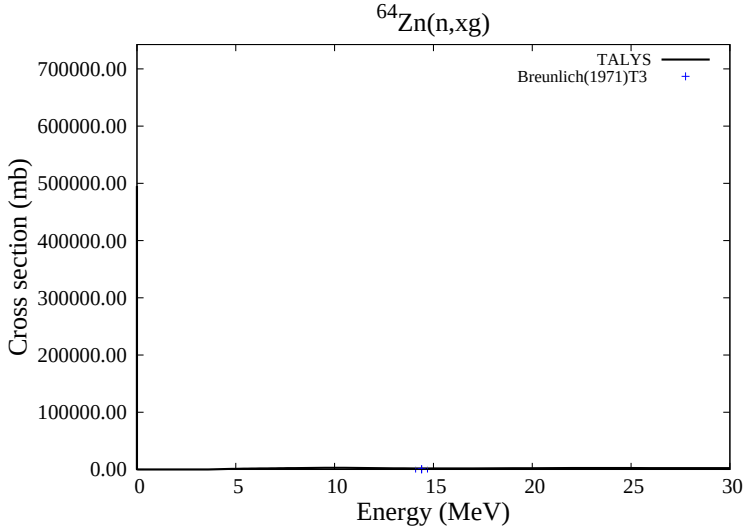

^{64}Zn(n,g)^{65}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Reifarth(2012)T1
Mughabghab(2006)R1
Bao(2000)R1
ChenJinxiangg(1995)T1
Koester(1985)T1
Gleason(1975)N1
Hogg(1970)T1
Schuman(1970)T3
Kim(1968)T1

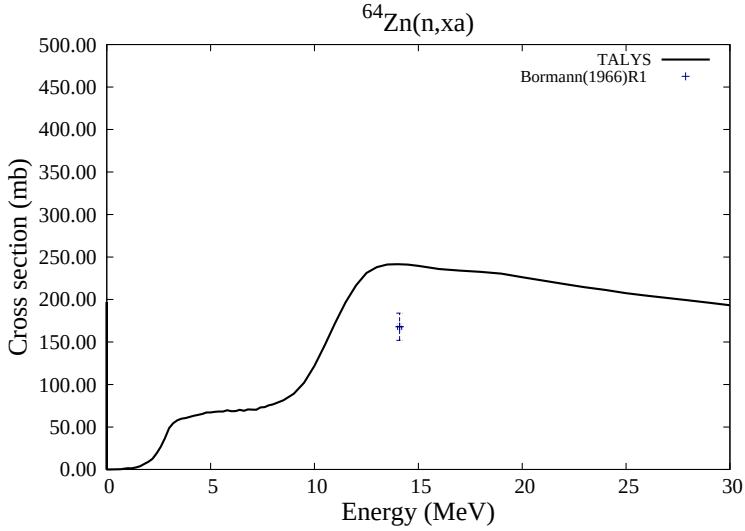

^{64}Zn(n,g)^{65}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Reifarth(2012)T1
Mughabghab(2006)R1
Bao(2000)R1
ChenJinxiangg(1995)T1
Koester(1985)T1
Gleason(1975)N1
Hogg(1970)T1
Schuman(1970)T3
Kim(1968)T1

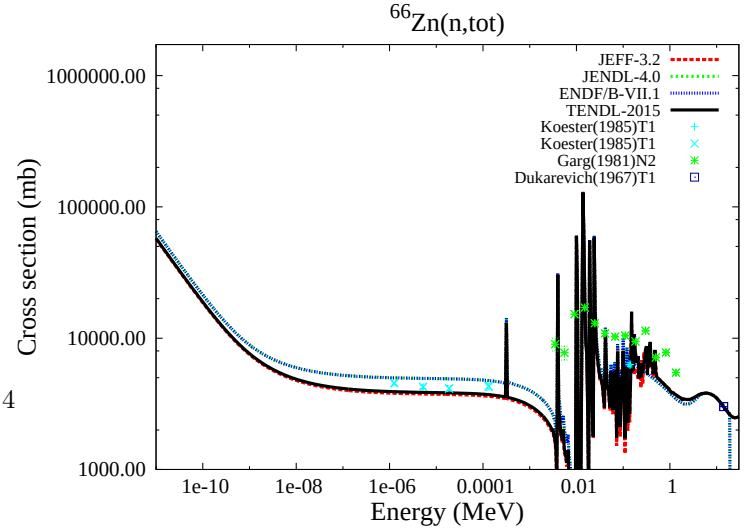

^{64}Zn(n,p)^{64}Cu
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Furuta(2008)R1
Mannhart(2007)T1
XiaolongHuangg(1999)N1
Ghorai(1995)R1
Kielan(1995)T1
Molla(1994)N1
Konno(1993)R1
Garlea(1992)T1
Ercan(1991)R1
Ikeda(1991)N1
Ikeda(1991)N1
Viennot(1991)R1
Ikeda(1990)T1
Kimura(1990)T1
Rutherford(1988)T1
Garlea(1985)N1
Gupta(1985)N1
Husain(1983)T1
Viennot(1982)R1
King(1979)N1
Cross section (mb)
Energy (MeV)

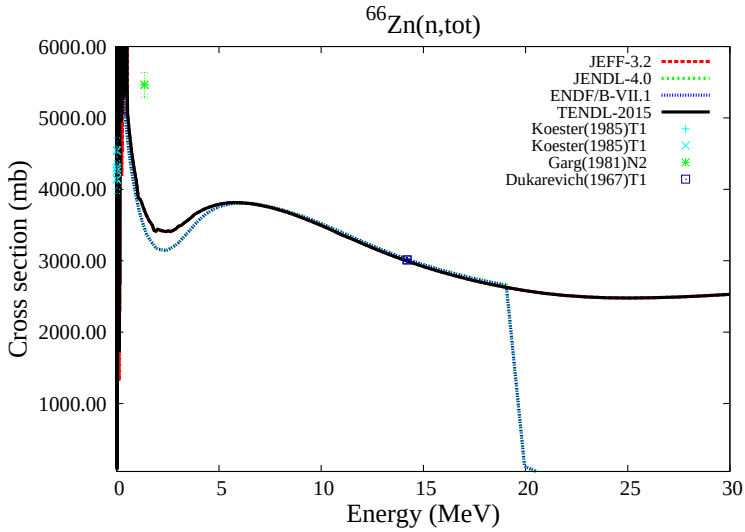

^{64}Zn(n,t)^{62}Cu
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Uwamino(1992)N2
Diksic(1974)N1
Qaim(1973)T2
Csikai(1968)N2
Baerg(1961)T2
Cross section (mb)
Energy (MeV)

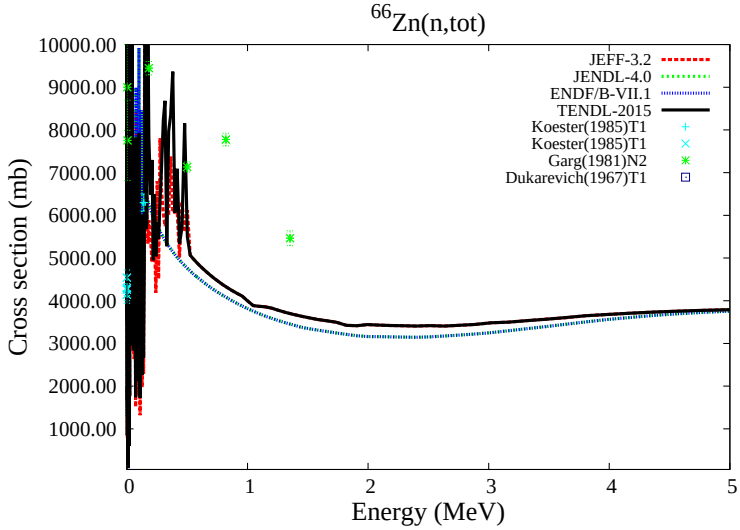

^{64}Zn(n,a)^{61}Ni
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Gledenov(2003)N1
JingYuann(2003)N1
Casanova(1976)R2
Cross section (mb)
Energy (MeV)

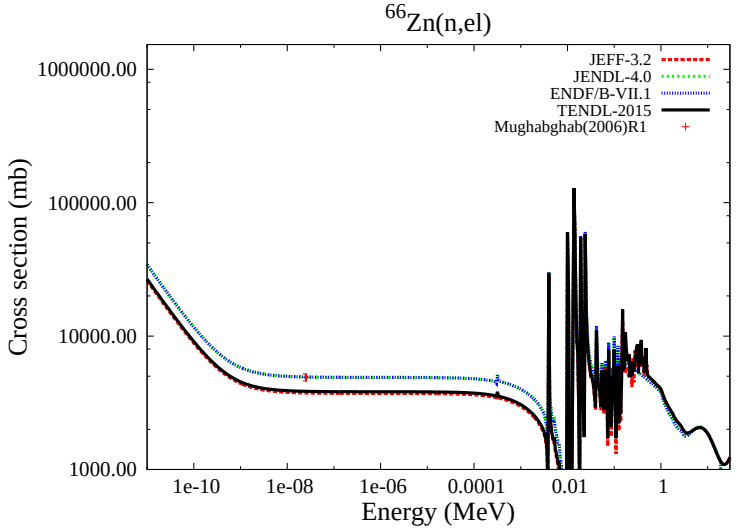

^{64}Zn(n,xg)
TALYS
Breunlich(1971)T3
Cross section (mb)
Energy (MeV)

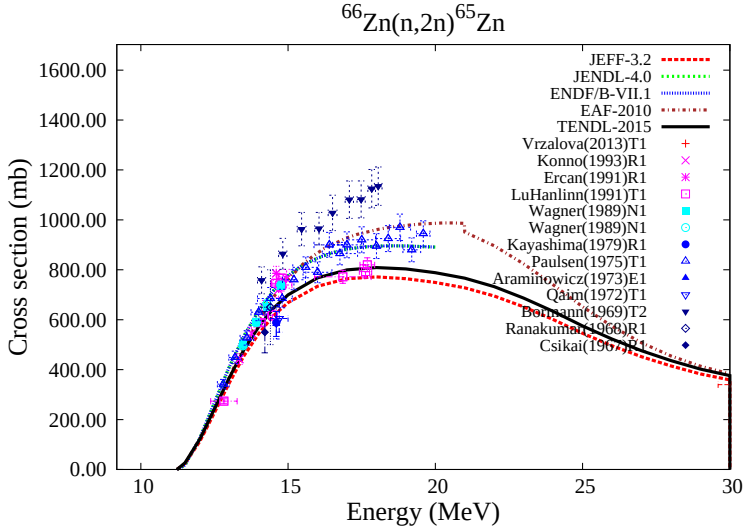

^{64}Zn(n,xa)
TALYS
Bormann(1966)R1
Cross section (mb)
Energy (MeV)

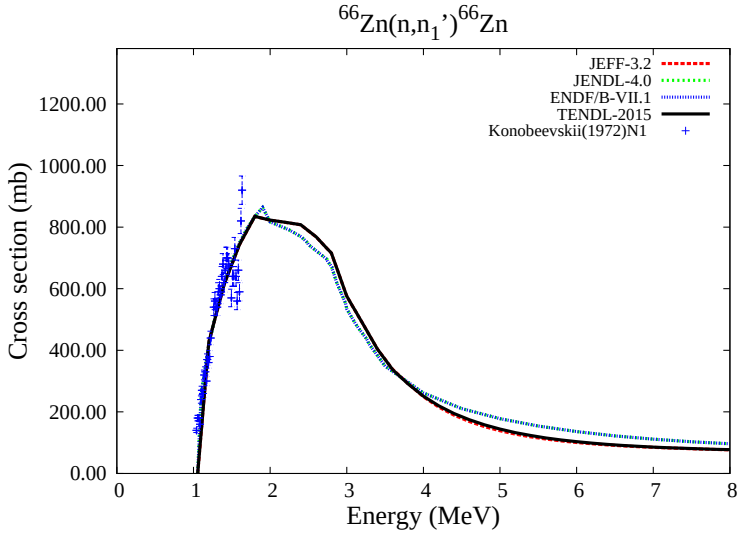

^{66}Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Koester(1985)T1
Koester(1985)T1
Garg(1981)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

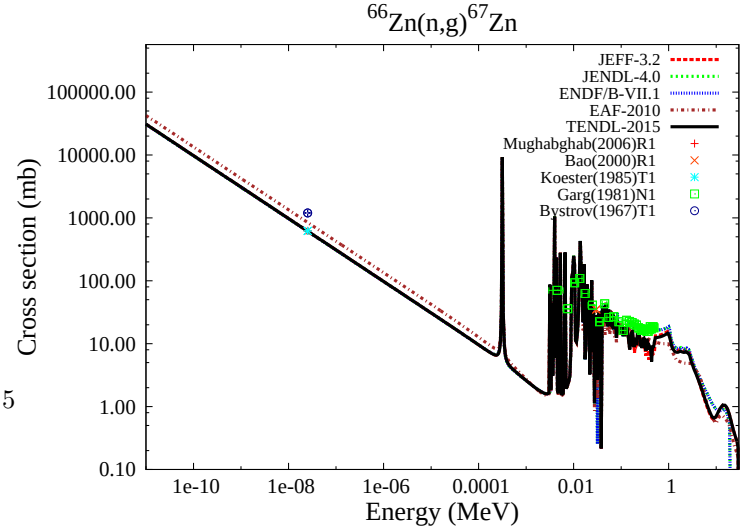

^{66}Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Koester(1985)T1
Koester(1985)T1
Garg(1981)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

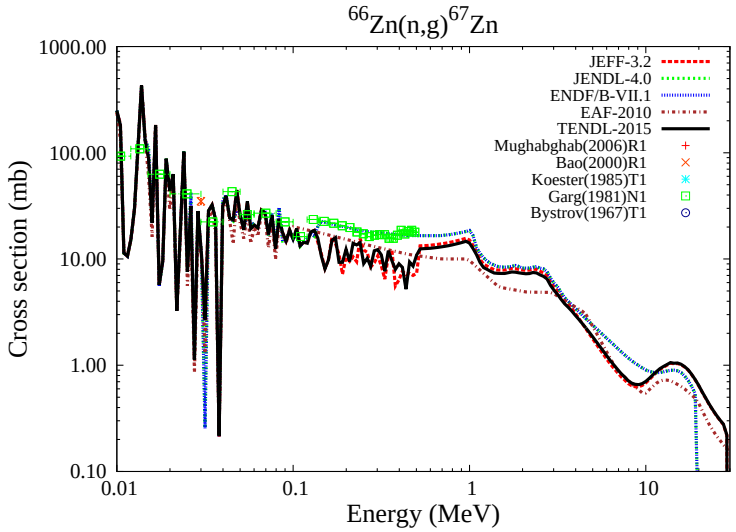

^{66}Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Koester(1985)T1
Koester(1985)T1
Garg(1981)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

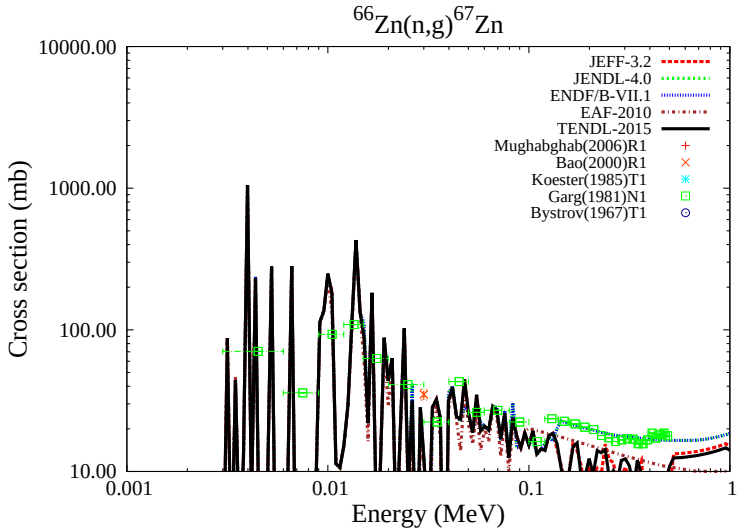

^{66}Zn(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1
Cross section (mb)
Energy (MeV)

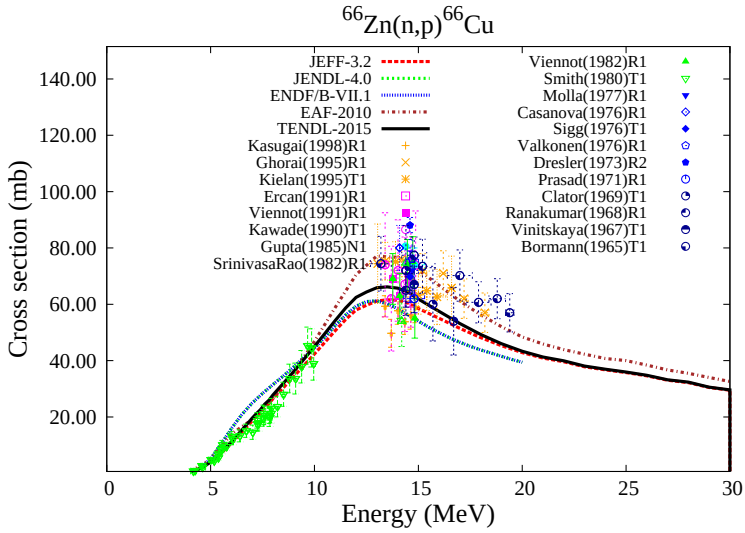

^{66}Zn(n,2n)^{65}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Vrzalova(2013)T1
Konno(1993)R1
Ercan(1991)R1
LuHanlinn(1991)T1
Wagner(1989)N1
Wagner(1989)N1
Kayashima(1979)R1
Paulsen(1975)T1
Aramitowicz(1973)E1
Qaim(1972)T1
Bormann(1969)T2
Ranakumar(1966)R1
Csikai(1967)R1
Cross section (mb)
Energy (MeV)

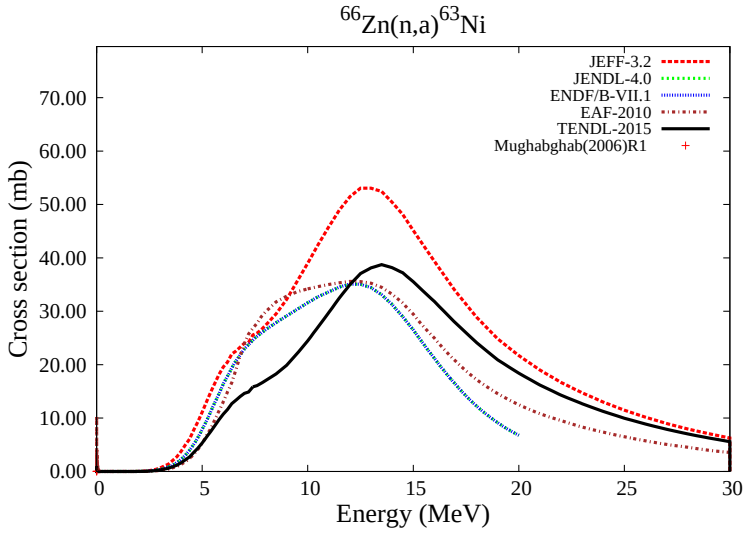

^{66}Zn(n,n$_1$')^{66}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Konobeevskii(1972)N1
Cross section (mb)
Energy (MeV)

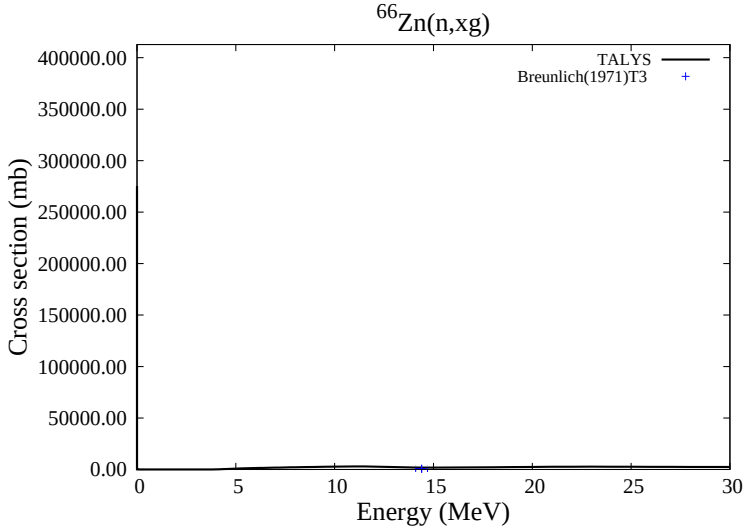

^{66}Zn(n,g)^{67}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R1
Koester(1985)T1
Garg(1981)N1
Bystrov(1967)T1
Cross section (mb)
Energy (MeV)

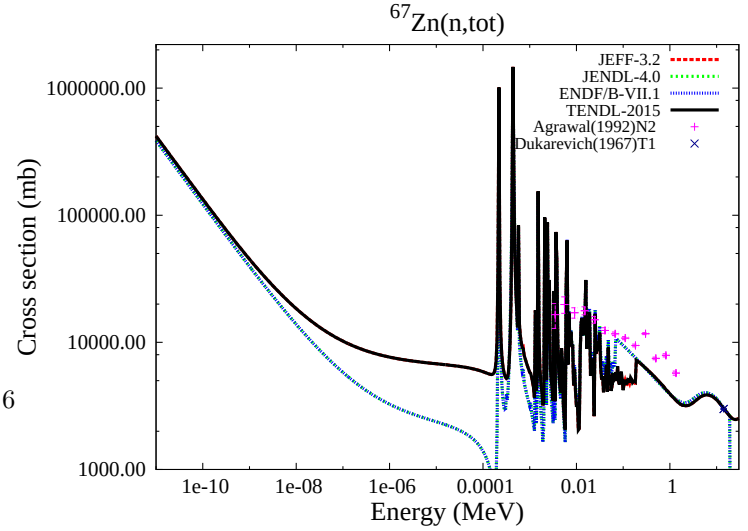

^{66}Zn(n,g)^{67}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R1
Koester(1985)T1
Garg(1981)N1
Bystrov(1967)T1

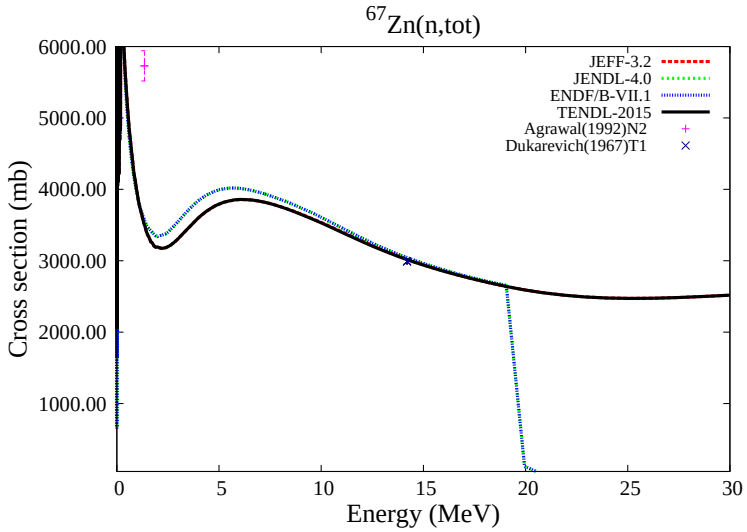

^{66}Zn(n,g)^{67}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R1
Koester(1985)T1
Garg(1981)N1
Bystrov(1967)T1

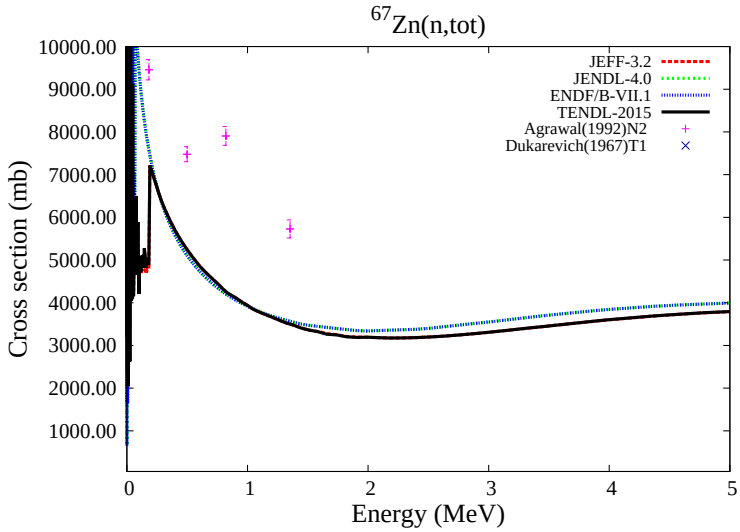

^{66}Zn(n,p)^{66}Cu
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Kasugai(1998)R1
Ghorai(1995)R1
Kielan(1995)T1
Ercan(1991)R1
Viennot(1991)R1
Kawade(1990)T1
Gupta(1985)N1
SrinivasaRao(1982)R1
Viennot(1982)R1
Smith(1980)T1
Molla(1977)R1
Casanova(1976)R1
Sigg(1976)T1
Valkonen(1976)R1
Dresler(1973)R2
Prasad(1971)R1
Clator(1969)T1
Ranakumar(1968)R1
Vinitskaya(1967)T1
Bormann(1965)T1

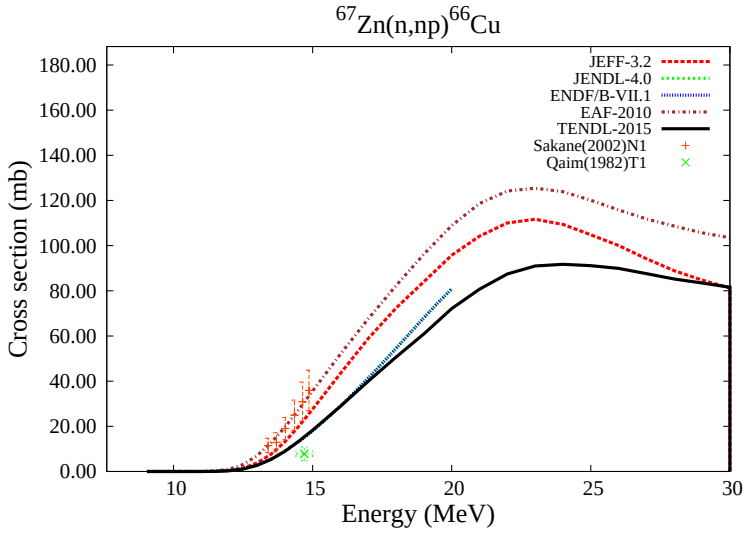

^{66}Zn(n,a)^{63}Ni
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1

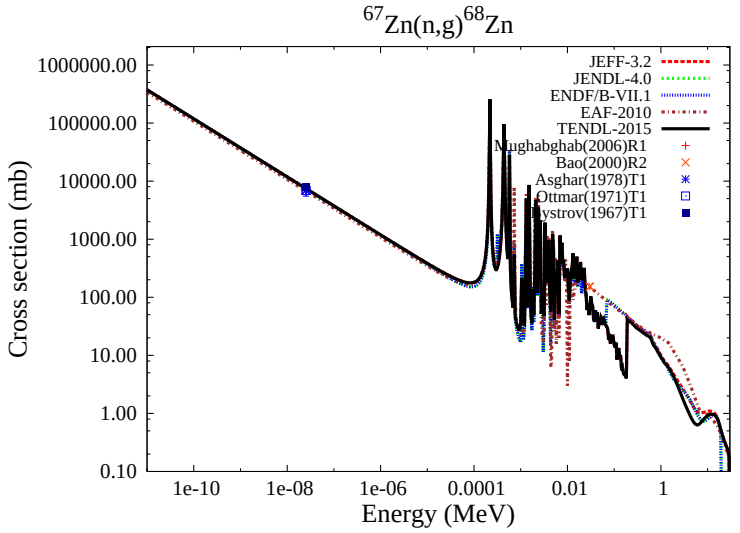

^{66}Zn(n,xg)
Cross section (mb)
Energy (MeV)
TALYS
Breunlich(1971)T3

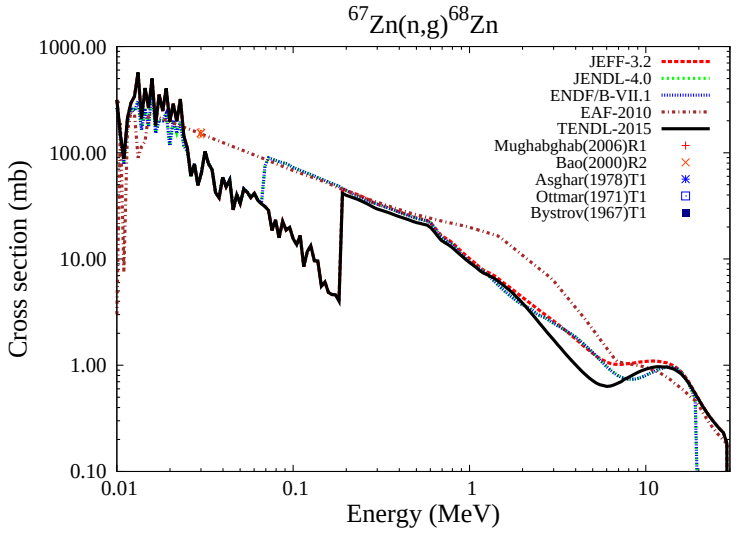

^{67}Zn(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Agrawal(1992)N2
Dukarevich(1967)T1

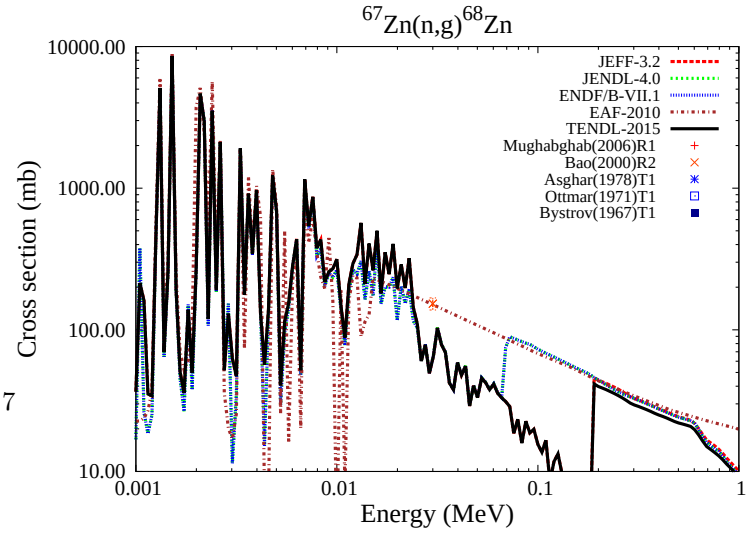

^{67}Zn(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Agrawal(1992)N2
Dukarevich(1967)T1

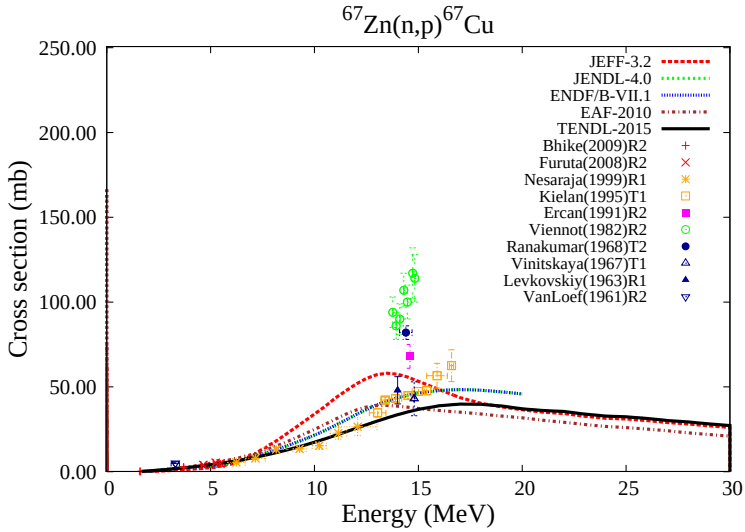

^{67}Zn(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Agrawal(1992)N2
Dukarevich(1967)T1

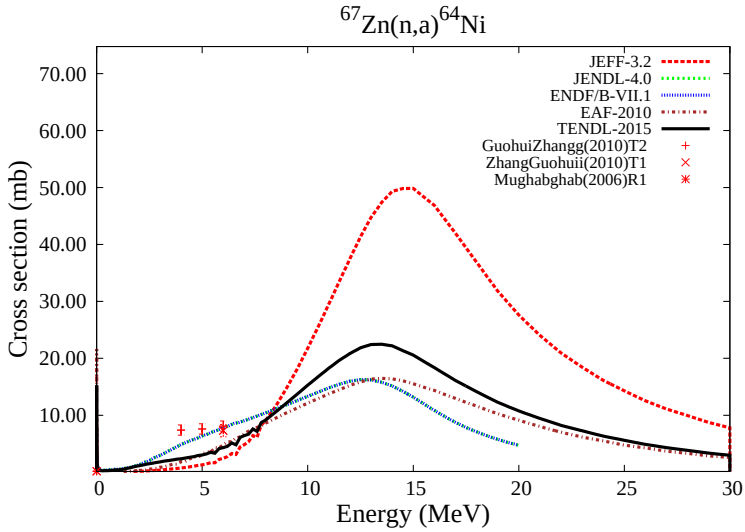

^{67}Zn(n,np)^{66}Cu
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Sakane(2002)N1
Qaim(1982)T1

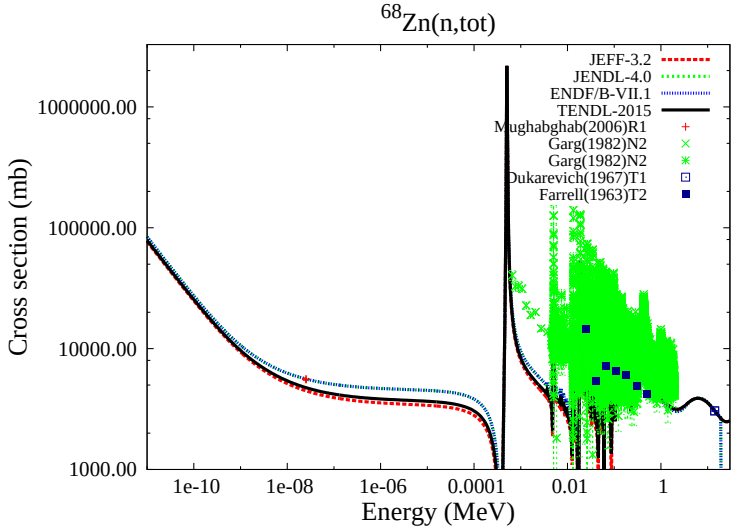

^{67}Zn(n,g)^{68}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R2
Asghar(1978)T1
Ottmar(1971)T1
Bystrov(1967)T1

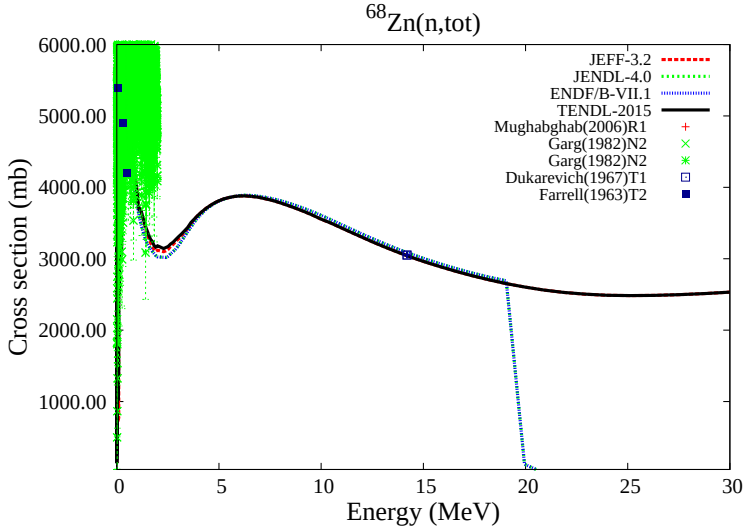

^{67}Zn(n,g)^{68}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R2
Asghar(1978)T1
Ottmar(1971)T1
Bystrov(1967)T1

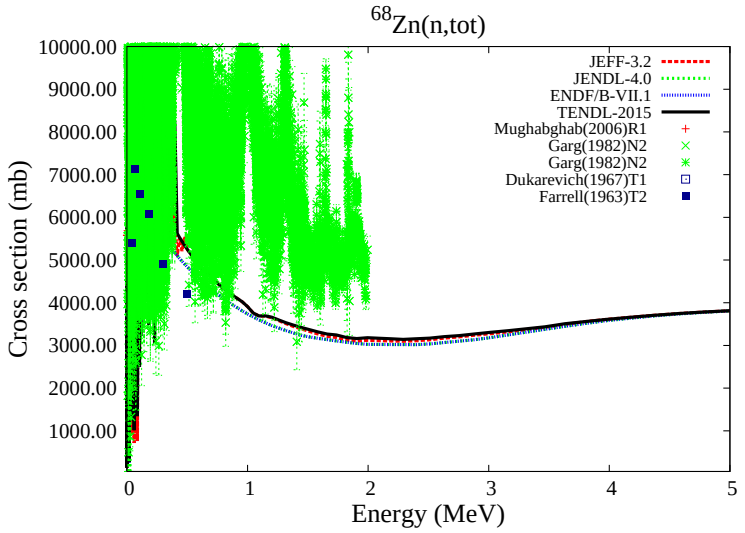

^{67}Zn(n,g)^{68}Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R2
Asghar(1978)T1
Ottmar(1971)T1
Bystrov(1967)T1

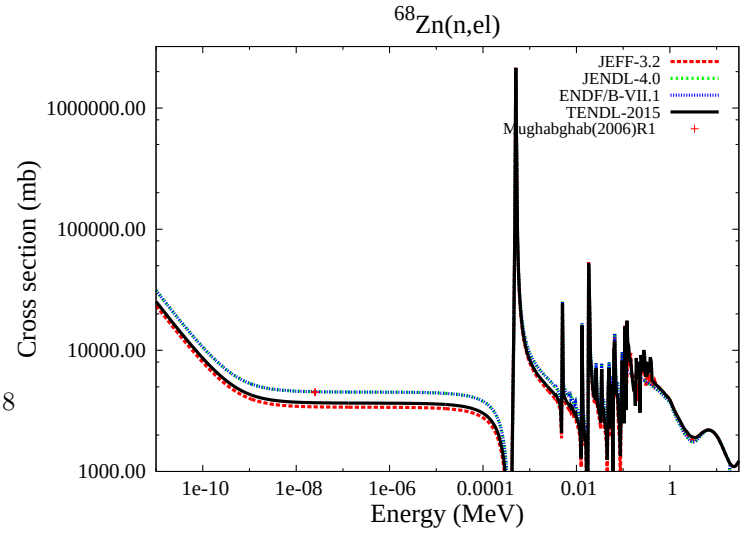

67Zn(n,p)67Cu
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Bhike(2009)R2
Furuta(2008)R2
Nesaraja(1999)R1
Kielan(1995)T1
Ercan(1991)R2
Viennot(1982)R2
Ranakumar(1968)T2
Vinitskaya(1967)T1
Levkovskiy(1963)R1
VanLoef(1961)R2

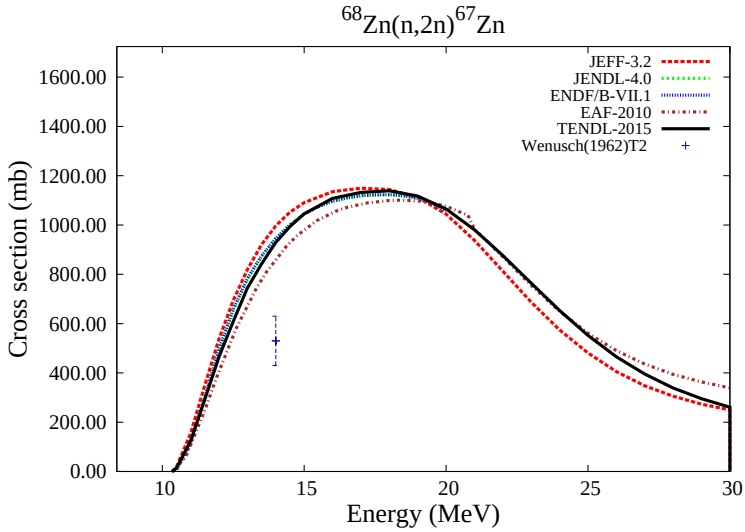

67Zn(n,a)64Ni
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
GuohuiZhangg(2010)T2
ZhangGuohuii(2010)T1
Mughabghab(2006)R1

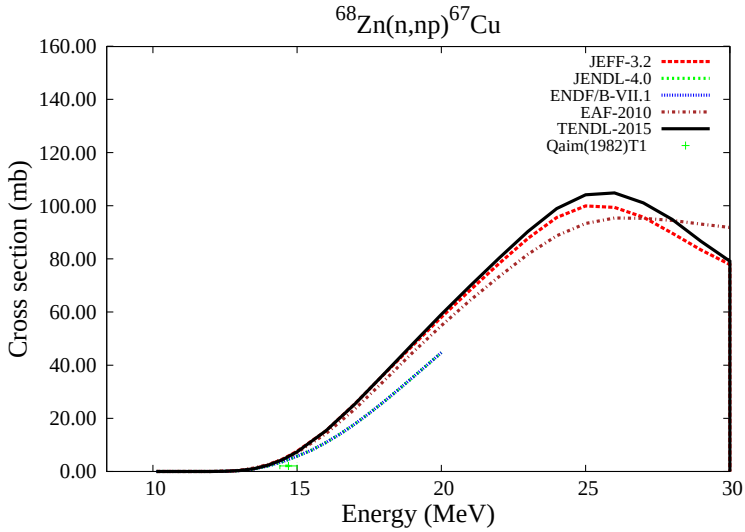

68Zn(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1
Garg(1982)N2
Garg(1982)N2
Dukarevich(1967)T1
Farrell(1963)T2

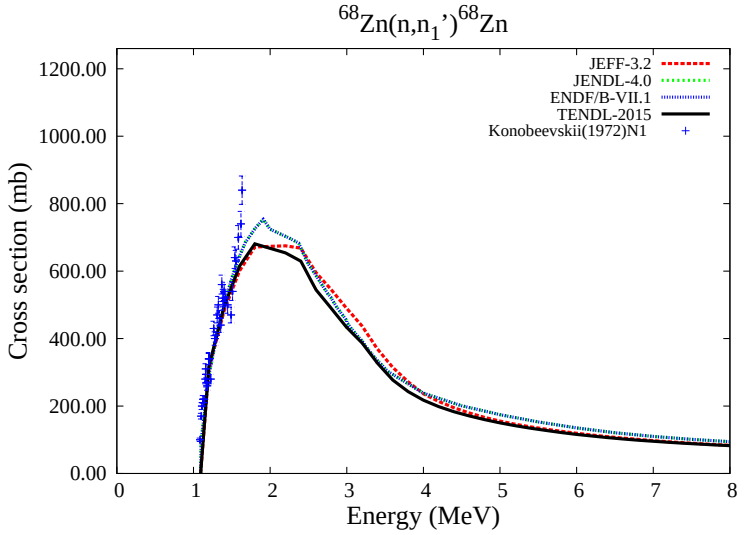

68Zn(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1
Garg(1982)N2
Garg(1982)N2
Dukarevich(1967)T1
Farrell(1963)T2

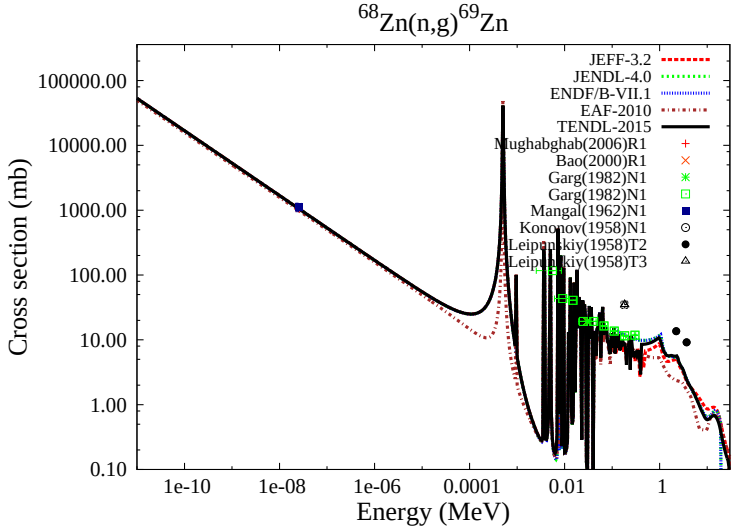

68Zn(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1
Garg(1982)N2
Garg(1982)N2
Dukarevich(1967)T1
Farrell(1963)T2

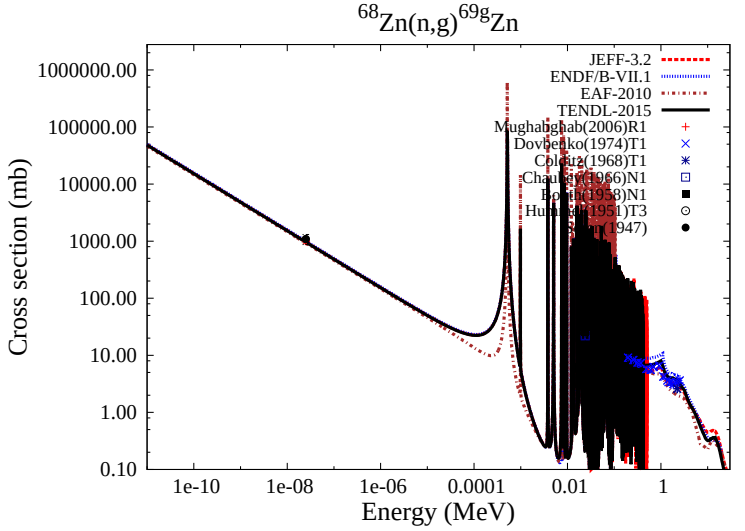

68Zn(n,el)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1

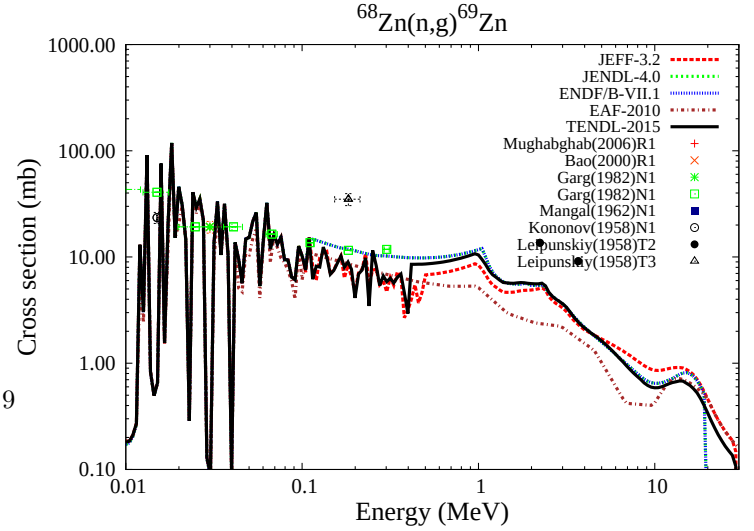

^{68}Zn(n,2n)^{67}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Wenusch(1962)T2
Cross section (mb)
Energy (MeV)

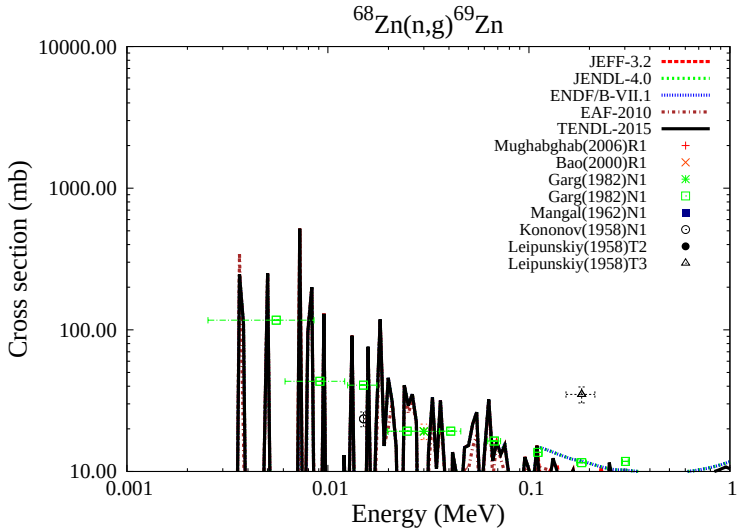

^{68}Zn(n,np)^{67}Cu
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Qaim(1982)T1
Cross section (mb)
Energy (MeV)

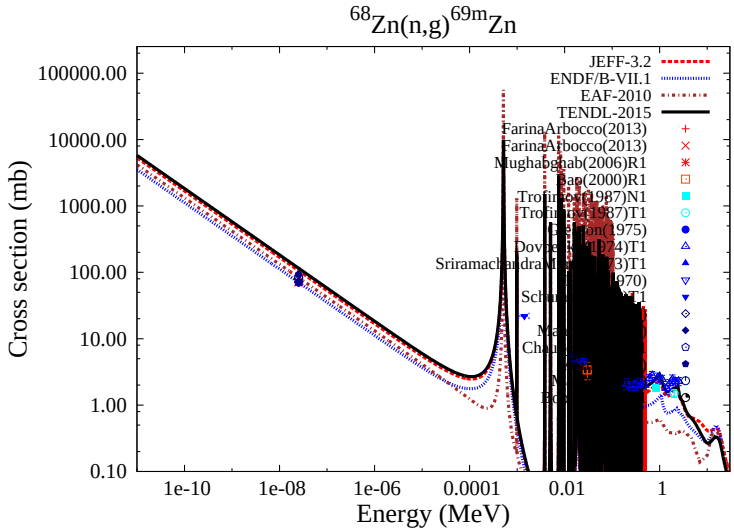

^{68}Zn(n,n$_1$')^{68}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Konobeevskii(1972)N1
Cross section (mb)
Energy (MeV)

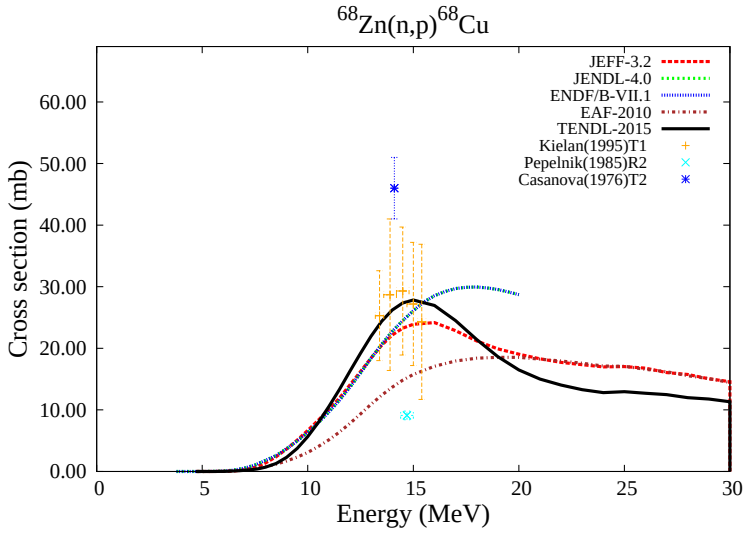

^{68}Zn(n,g)^{69}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R1
Garg(1982)N1
Garg(1982)N1
Mangal(1962)N1
Kononov(1958)N1
Leipunskiy(1958)T2
Leipunskiy(1958)T3
Cross section (mb)
Energy (MeV)

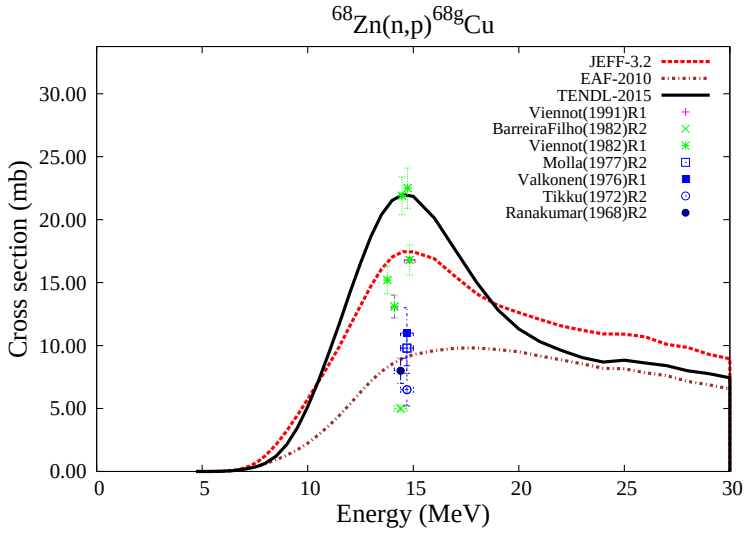

^{68}Zn(n,g)^{69g}Zn
JEFF-3.2
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Dovbenko(1974)T1
Cross section (mb)
Energy (MeV)

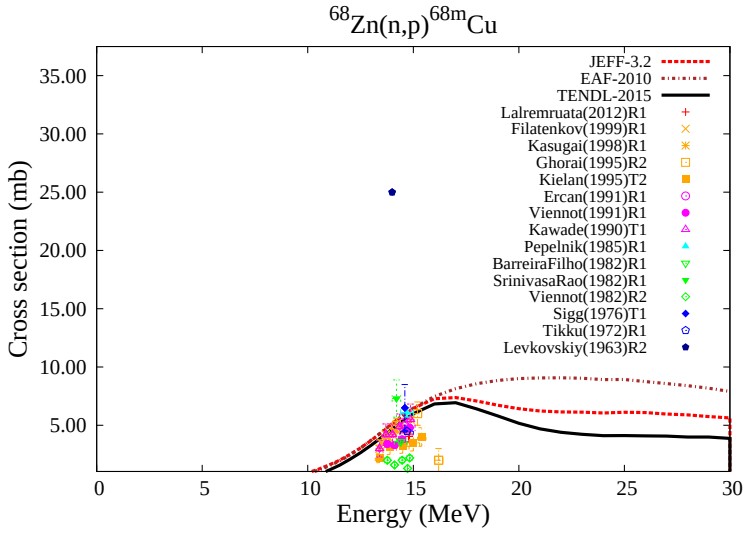

^{68}Zn(n,g)^{69}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R1
Garg(1982)N1
Garg(1982)N1
Mangal(1962)N1
Kononov(1958)N1
Leipunskiy(1958)T2
Leipunskiy(1958)T3
Cross section (mb)
Energy (MeV)

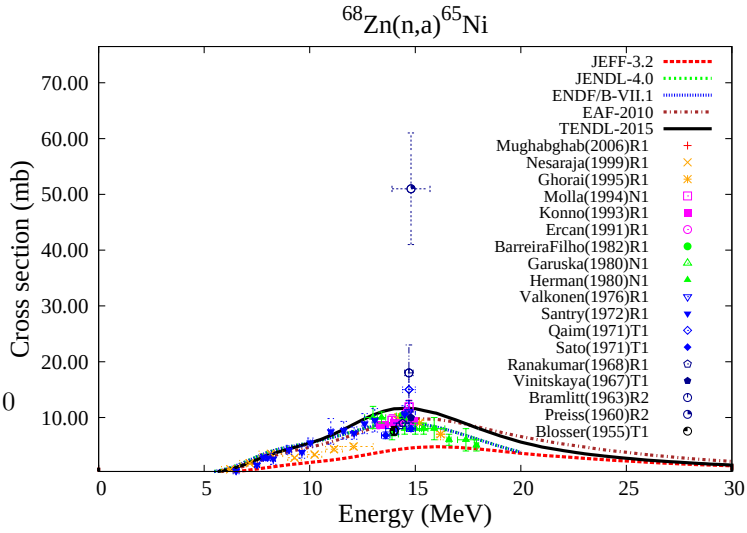

68Zn(n,g)69Zn
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Bao(2000)R1
Garg(1982)N1
Garg(1982)N1
Mangal(1962)N1
Kononov(1958)N1
Leipunskiy(1958)T2
Leipunskiy(1958)T3

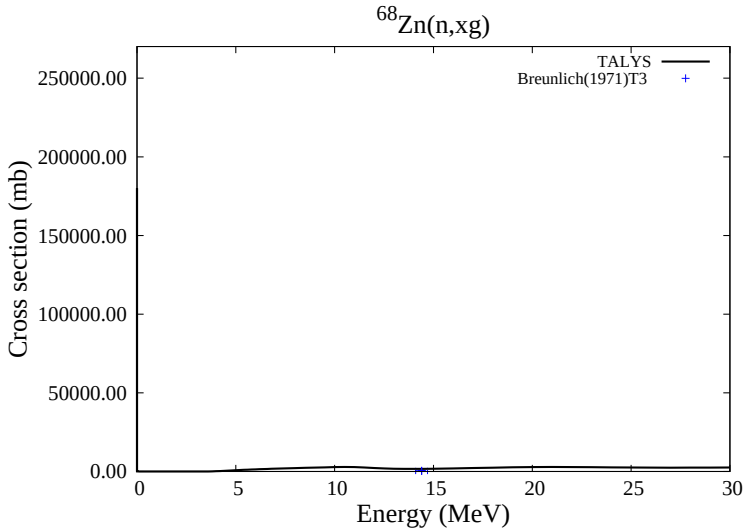

68Zn(n,g)69mZn
Cross section (mb)
Energy (MeV)
JEFF-3.2
ENDF/B-VII.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)
FarinaArbocco(2013)
Mughabghab(2006)R1
Bao(2000)R1

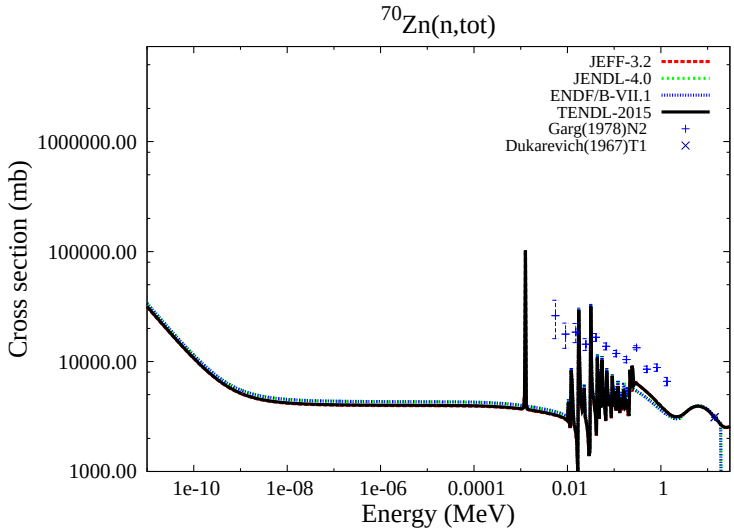

68Zn(n,p)68Cu
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Kielan(1995)T1
Pepelnik(1985)R2
Casanova(1976)T2

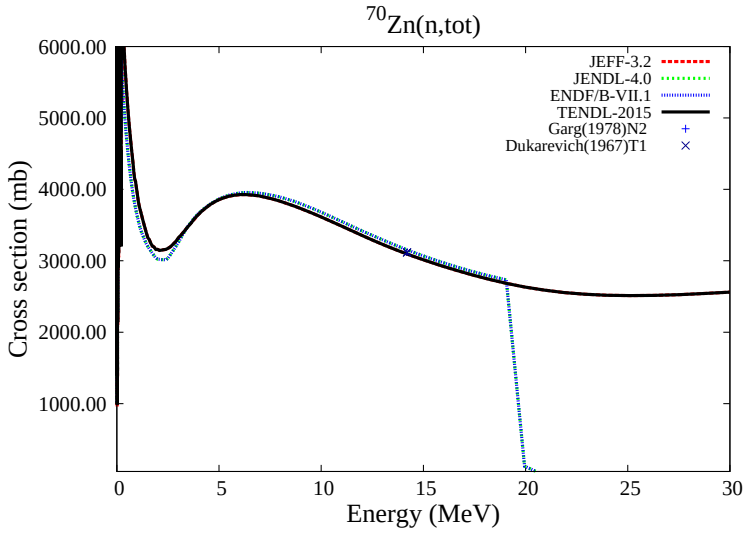

68Zn(n,p)68gCu
Cross section (mb)
Energy (MeV)
JEFF-3.2
EAF-2010
TENDL-2015
Viennot(1991)R1
BarreiraFilho(1982)R2
Viennot(1982)R1
Molla(1977)R2
Valkonen(1976)R1
Tikku(1972)R2
Ranakumar(1968)R2

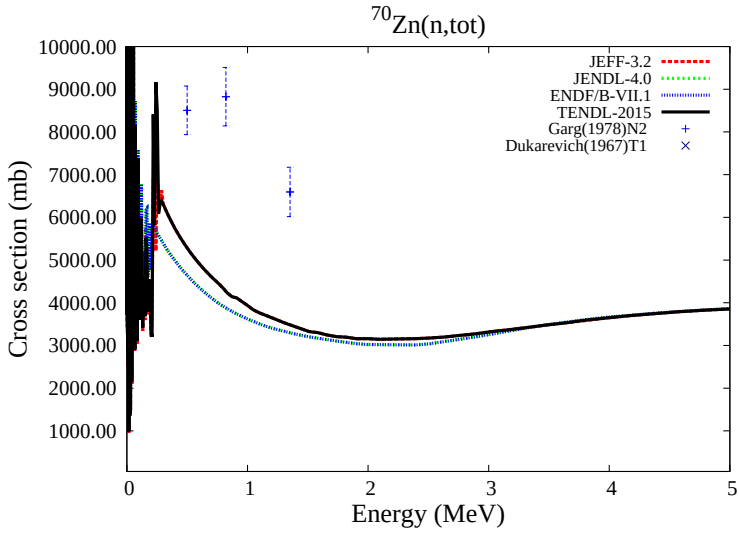

68Zn(n,p)68mCu
Cross section (mb)
Energy (MeV)
JEFF-3.2
EAF-2010
TENDL-2015
Lalremruata(2012)R1
Filatenkov(1999)R1
Kasugai(1998)R1
Ghorai(1995)R2
Kielan(1995)T2
Ercan(1991)R1
Viennot(1991)R1
Kawade(1990)T1
Pepelnik(1985)R1
BarreiraFilho(1982)R1
SrinivasaRao(1982)R1
Viennot(1982)R2
Sigg(1976)T1
Tikku(1972)R1
Levkovskiy(1963)R2

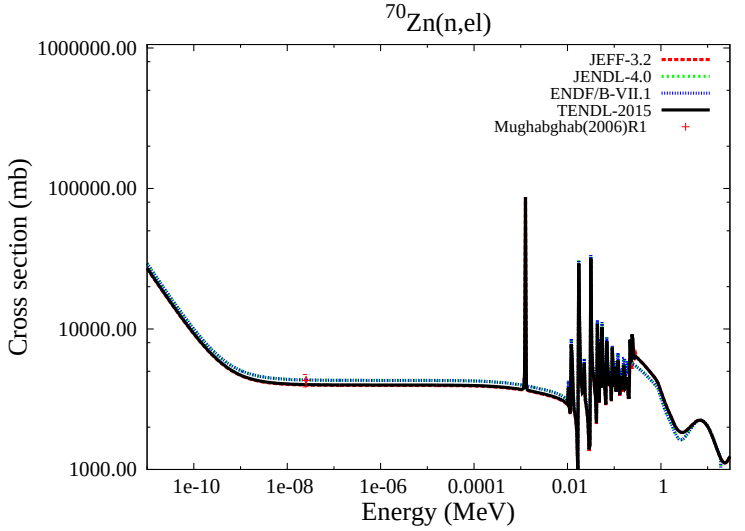

68Zn(n,a)65Ni
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Nesaraja(1999)R1
Ghorai(1995)R1
Molla(1994)N1
Konno(1993)R1
Ercan(1991)R1
BarreiraFilho(1982)R1
Garuska(1980)N1
Herman(1980)N1
Valkonen(1976)R1
Santry(1972)R1
Qaim(1971)T1
Sato(1971)T1
Ranakumar(1968)R1
Vinitskaya(1967)T1
Bramlitt(1963)R2
Preiss(1960)R2
Blosser(1955)T1

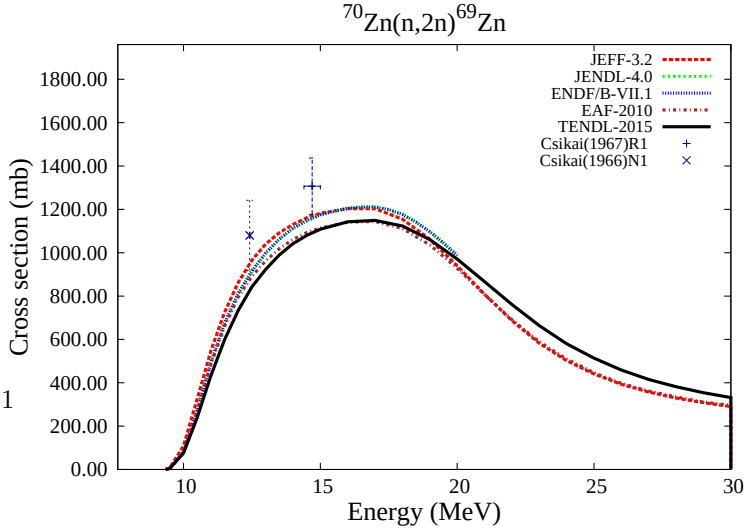

68Zn(n,xg)
TALYS
Breunlich(1971)T3
Cross section (mb)
Energy (MeV)

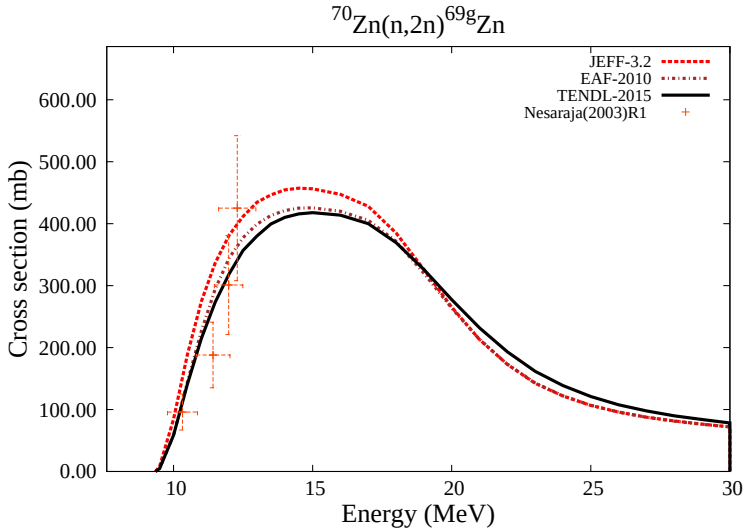

70Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Garg(1978)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

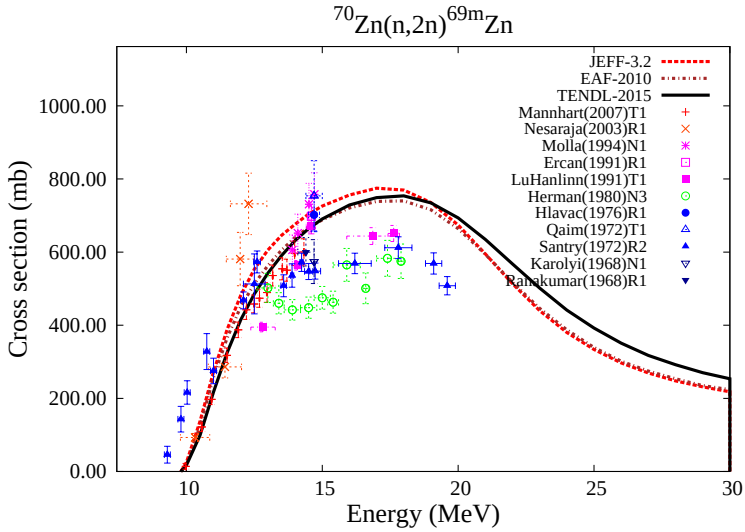

70Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Garg(1978)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

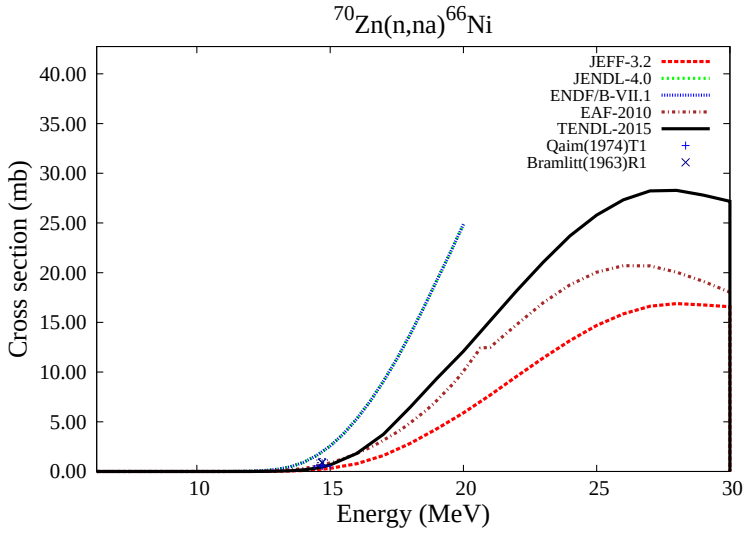

70Zn(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Garg(1978)N2
Dukarevich(1967)T1
Cross section (mb)
Energy (MeV)

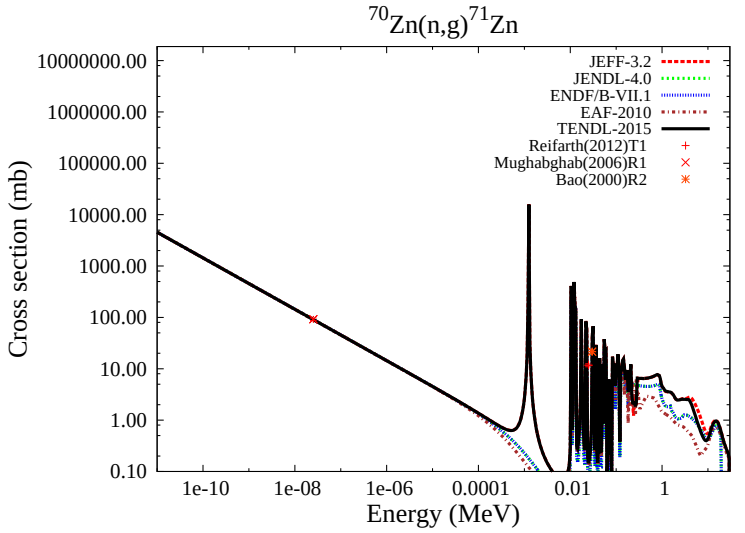

70Zn(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Mughabghab(2006)R1
Cross section (mb)
Energy (MeV)

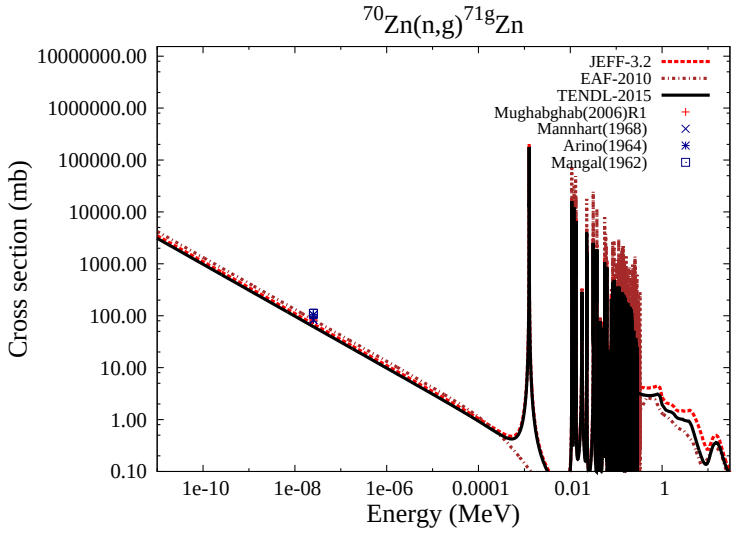

70Zn(n,2n)69Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Csikai(1967)R1
Csikai(1966)N1
Cross section (mb)
Energy (MeV)

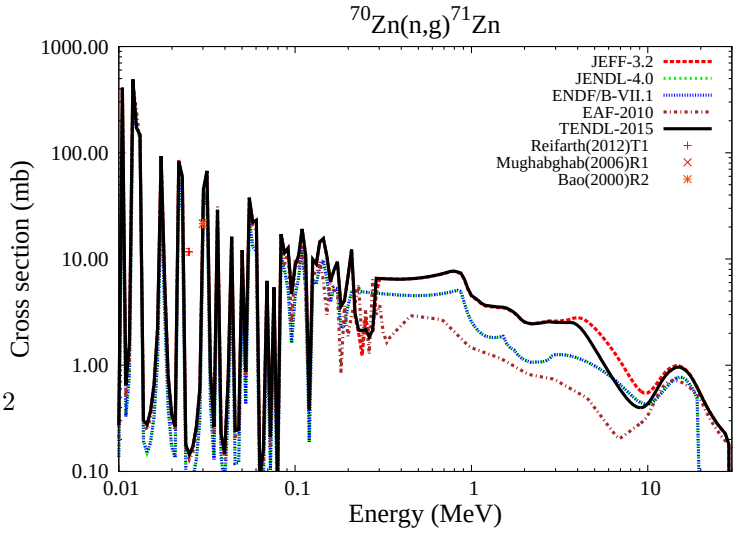

^{70}Zn(n,2n)^{69g}Zn
JEFF-3.2
EAF-2010
TENDL-2015
Nesaraja(2003)R1
Cross section (mb)
Energy (MeV)

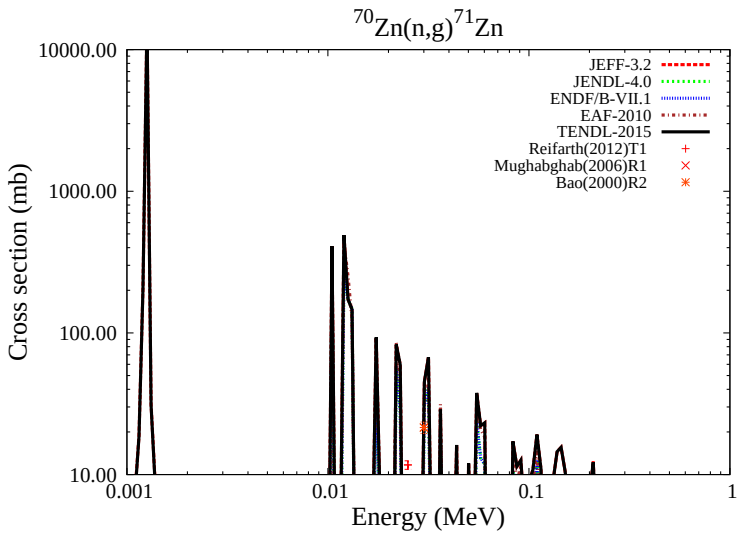

^{70}Zn(n,2n)^{69m}Zn
JEFF-3.2
EAF-2010
TENDL-2015
Mannhart(2007)T1
Nesaraja(2003)R1
Molla(1994)N1
Ercan(1991)R1
LuHanlinn(1991)T1
Herman(1980)N3
Hlavac(1976)R1
Qaim(1972)T1
Santry(1972)R2
Karolyi(1968)N1
Ramakumar(1968)R1
Cross section (mb)
Energy (MeV)

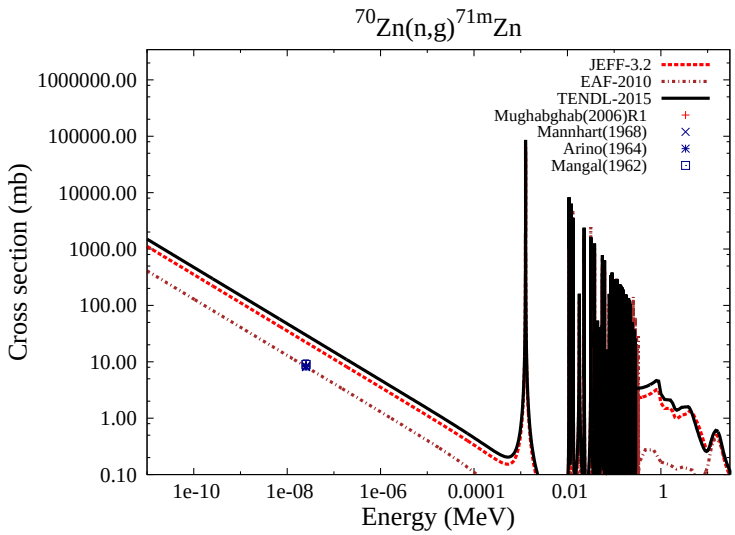

^{70}Zn(n,na)^{66}Ni
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Qaim(1974)T1
Bramlitt(1963)R1
Cross section (mb)
Energy (MeV)

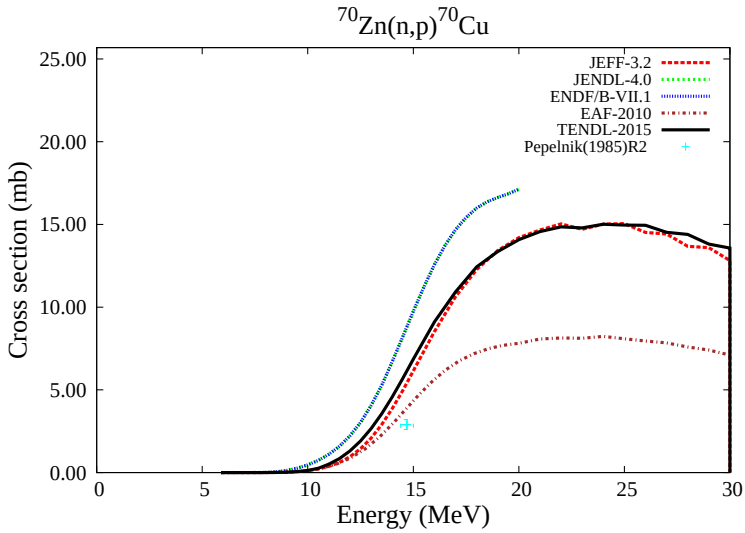

^{70}Zn(n,g)^{71}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Reifarth(2012)T1
Mughabghab(2006)R1
Bao(2000)R2
Cross section (mb)
Energy (MeV)

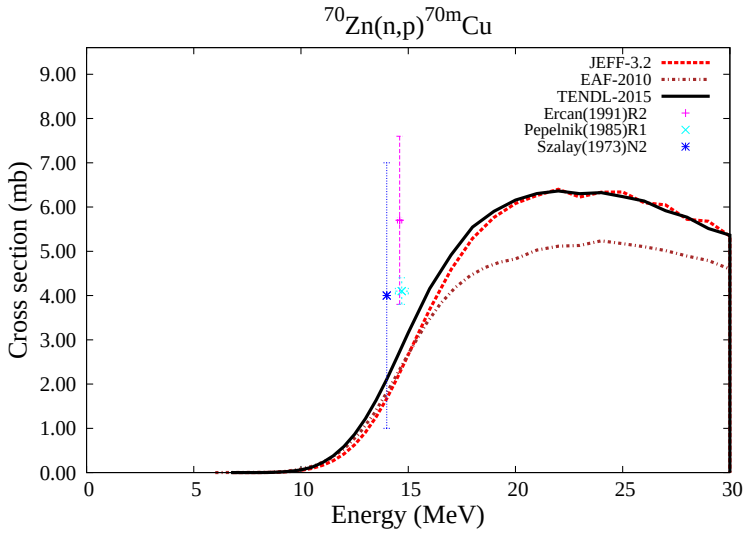

^{70}Zn(n,g)^{71g}Zn
JEFF-3.2
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mannhart(1968)
Arino(1964)
Mangal(1962)
Cross section (mb)
Energy (MeV)


^{70}Zn(n,g)^{71}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Reifarth(2012)T1
Mughabghab(2006)R1
Bao(2000)R2
Cross section (mb)
Energy (MeV)


^{70}Zn(n,g)^{71}Zn
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Reifarth(2012)T1
Mughabghab(2006)R1
Bao(2000)R2
Cross section (mb)
Energy (MeV)


^{70}Zn(n,g)^{71m}Zn
JEFF-3.2
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mannhart(1968)
Arino(1964)
Mangal(1962)
Cross section (mb)
Energy (MeV)


^{70}Zn(n,p)^{70}Cu
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Pepelnik(1985)R2
Cross section (mb)
Energy (MeV)


^{70}Zn(n,p)^{70m}Cu
JEFF-3.2
EAF-2010
TENDL-2015
Ercan(1991)R2
Pepelnik(1985)R1
Szalay(1973)N2
Cross section (mb)
Energy (MeV)