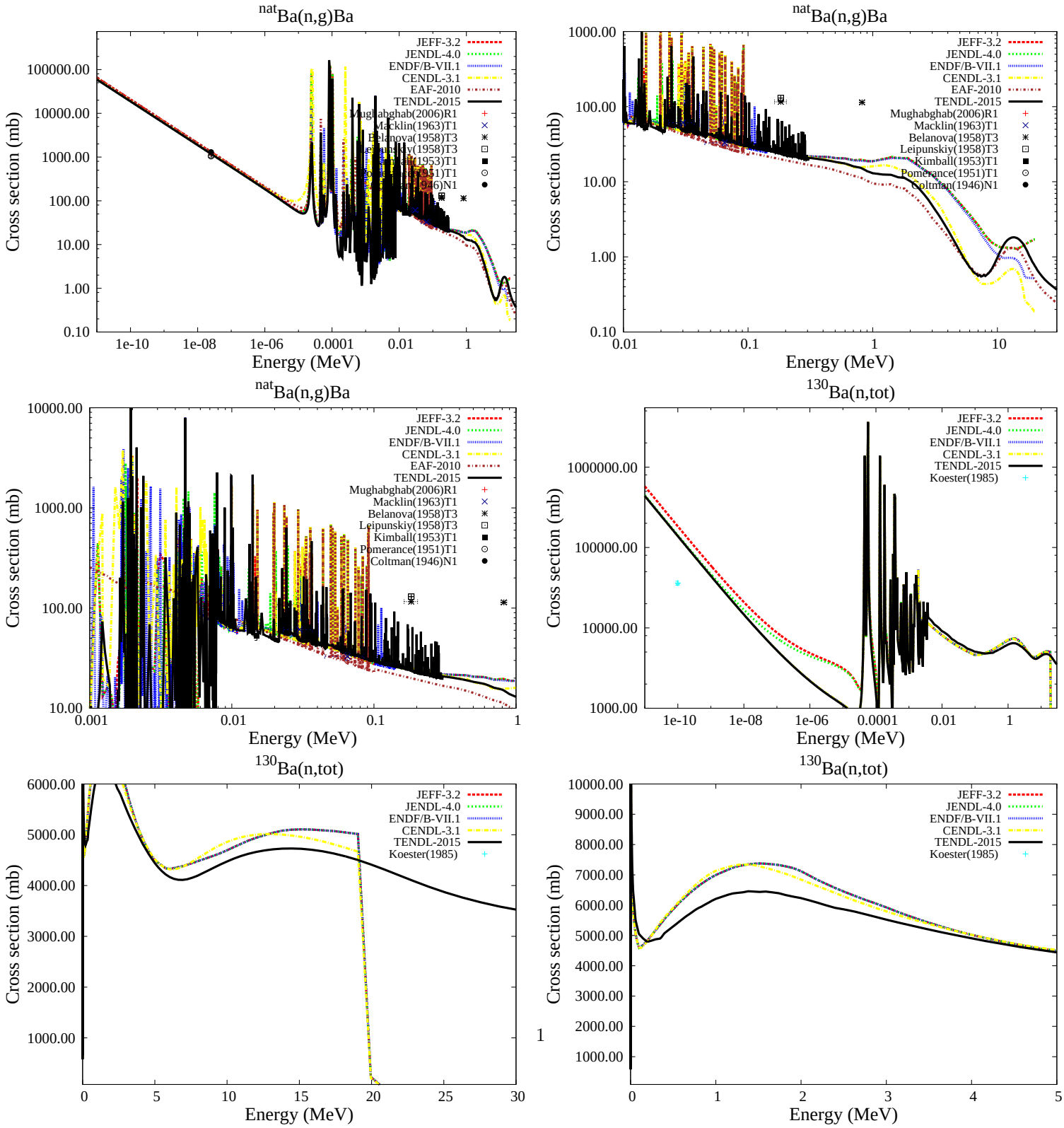
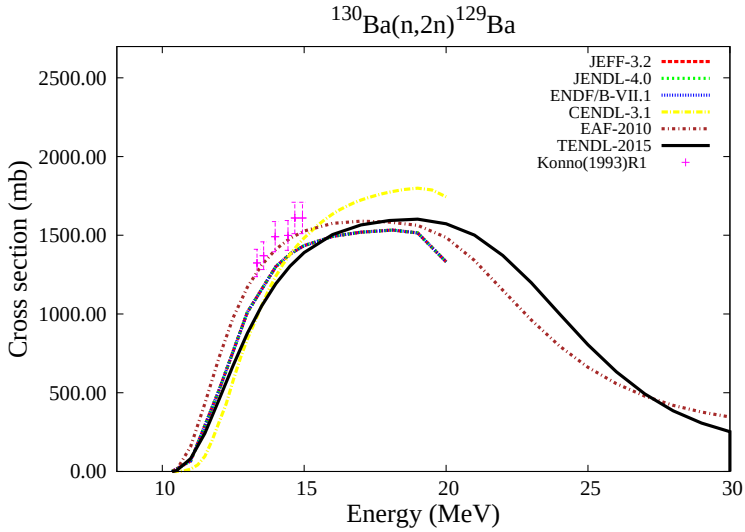
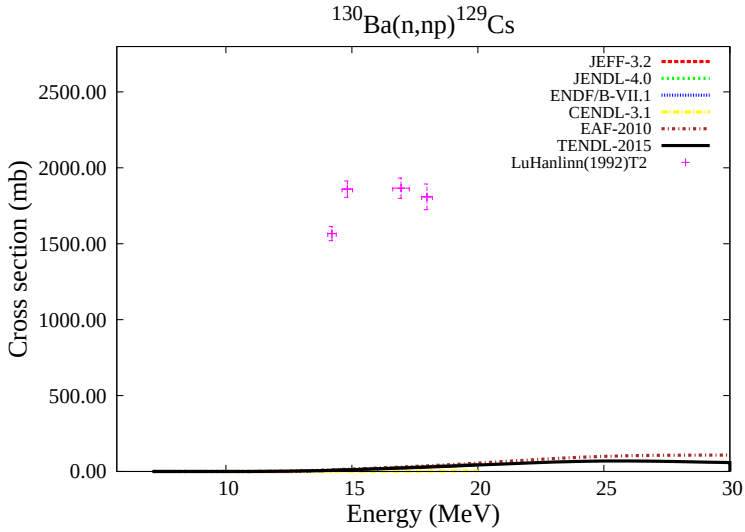
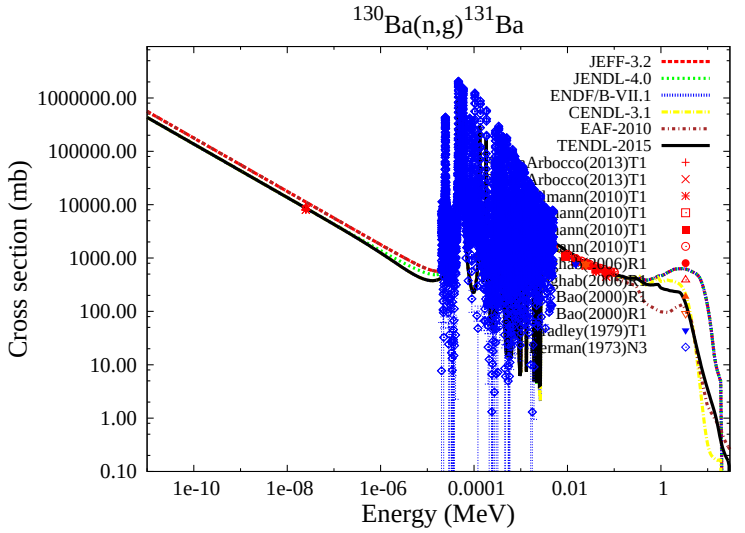
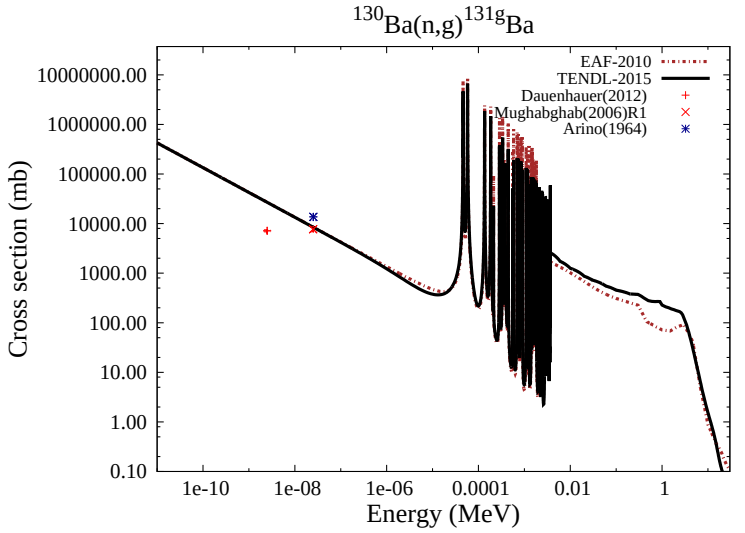
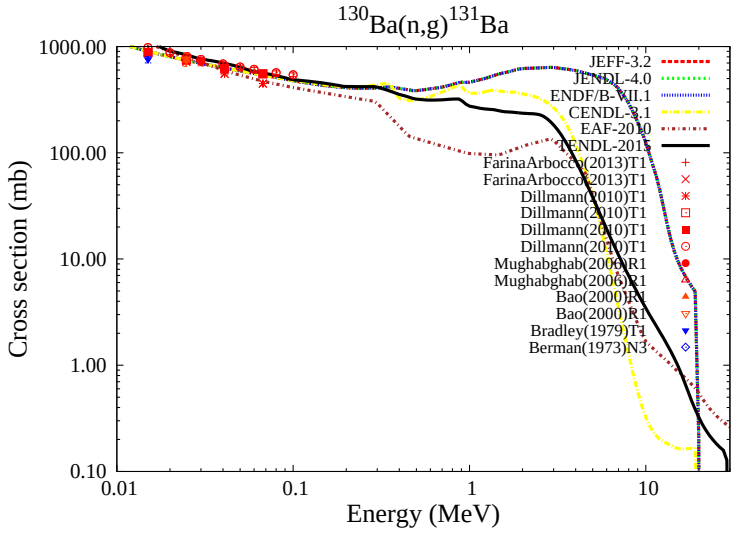

natBa(n,g)Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Macklin(1963)T1
Belanova(1958)T3
Leipunskiy(1958)T3
Kimball(1953)T1
Pomerance(1951)T1
Coltman(1946)N1
natBa(n,g)Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Macklin(1963)T1
Belanova(1958)T3
Leipunskiy(1958)T3
Kimball(1953)T1
Pomerance(1951)T1
Coltman(1946)N1
natBa(n,g)Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Macklin(1963)T1
Belanova(1958)T3
Leipunskiy(1958)T3
Kimball(1953)T1
Pomerance(1951)T1
Coltman(1946)N1
130Ba(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Koester(1985)
130Ba(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Koester(1985)
130Ba(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Koester(1985)

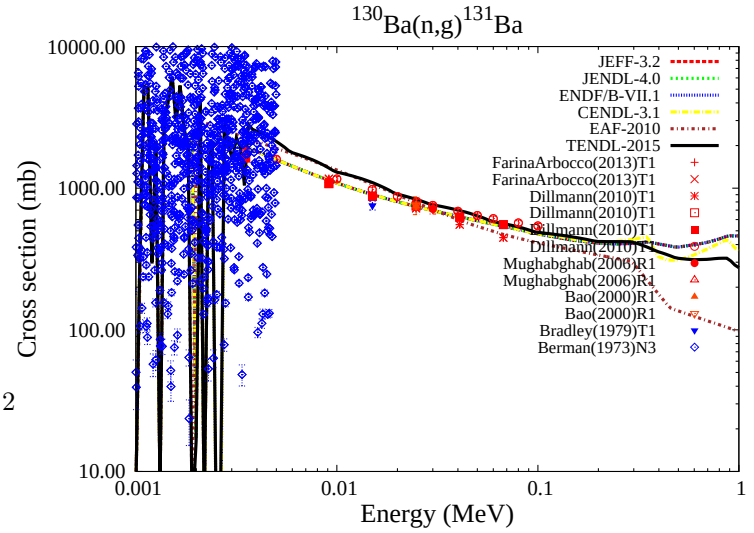

^{130}Ba(n,2n)^{129}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Konno(1993)R1
Cross section (mb)
Energy (MeV)

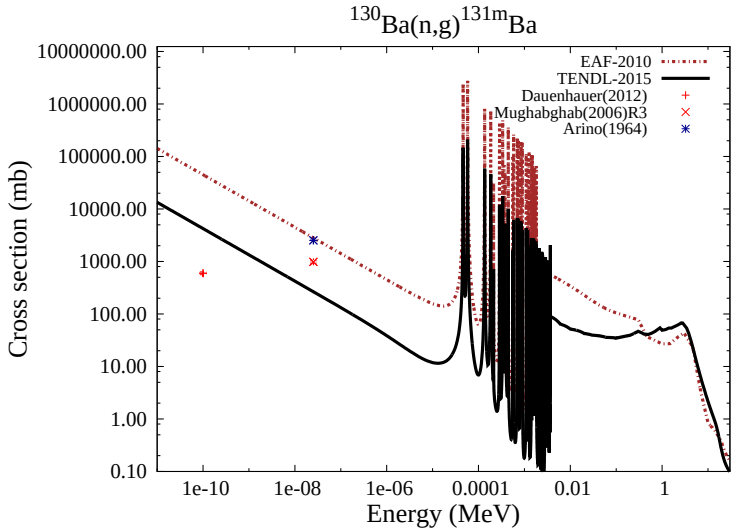

^{130}Ba(n,np)^{129}Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
LuHanlinn(1992)T2
Cross section (mb)
Energy (MeV)

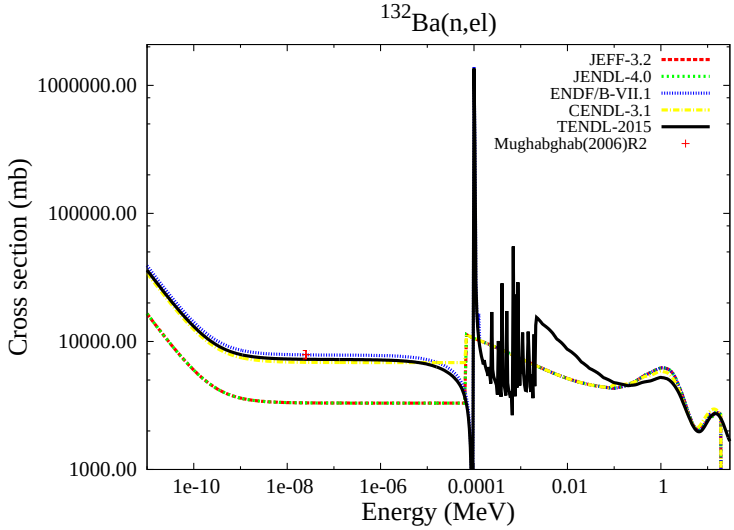

^{130}Ba(n,g)^{131}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Cross section (mb)
Energy (MeV)

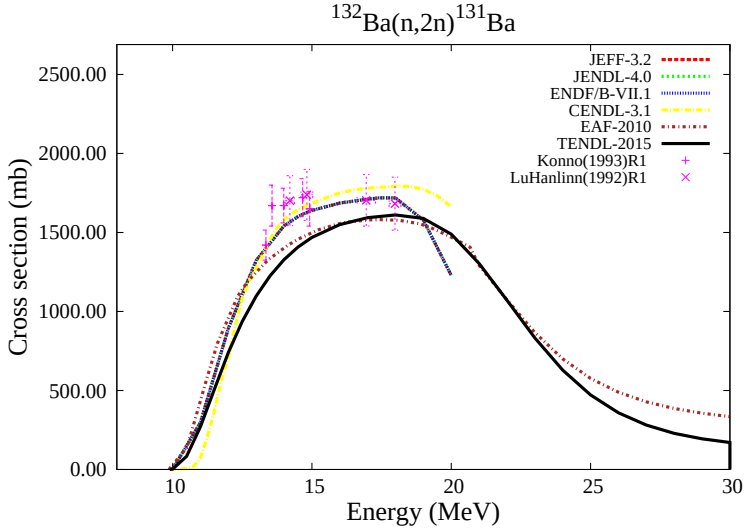

^{130}Ba(n,g)^{131g}Ba
EAF-2010
TENDL-2015
Dauenhauer(2012)
Mughabghab(2006)R1
Arino(1964)
Cross section (mb)
Energy (MeV)

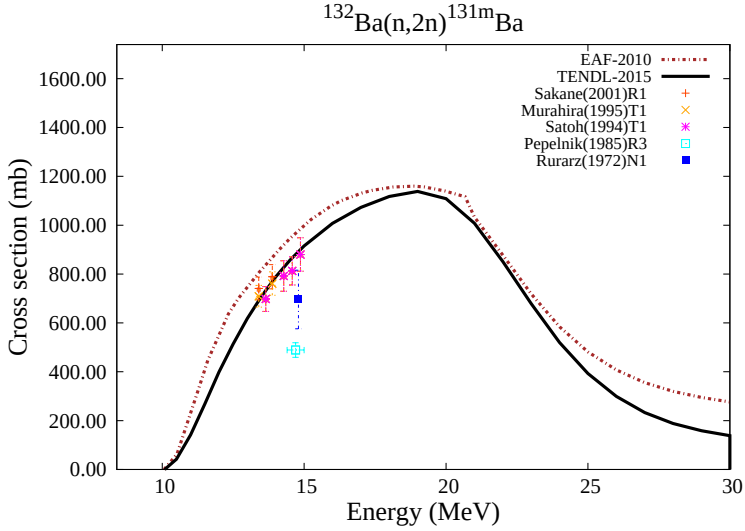

^{130}Ba(n,g)^{131}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Bao(2000)R1
Bradley(1979)T1
Berman(1973)N3
Cross section (mb)
Energy (MeV)

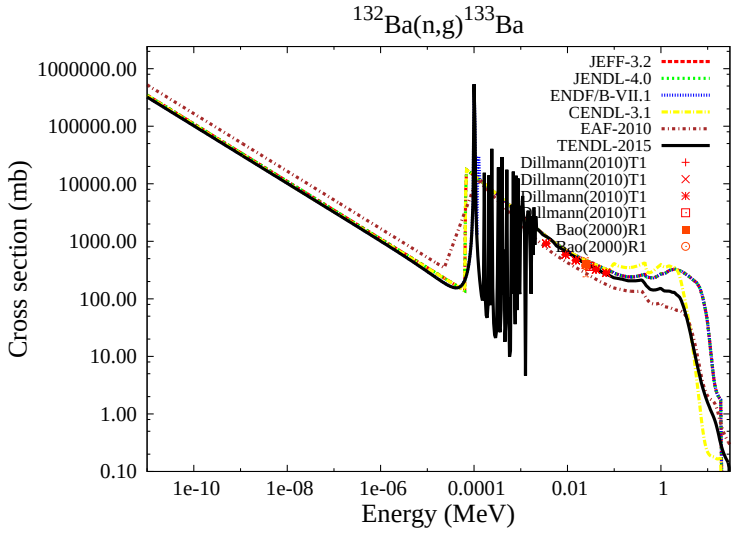

^{130}Ba(n,g)^{131}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Bao(2000)R1
Bradley(1979)T1
Berman(1973)N3
Cross section (mb)
Energy (MeV)

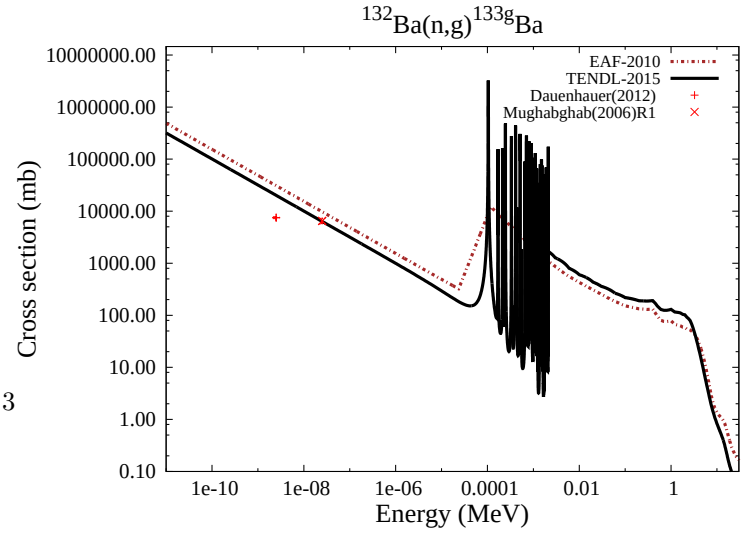

^{130}Ba(n,g)^{131m}Ba
EAF-2010
TENDL-2015
Dauenhauer(2012)
Mughabghab(2006)R3
Arino(1964)
Cross section (mb)
Energy (MeV)

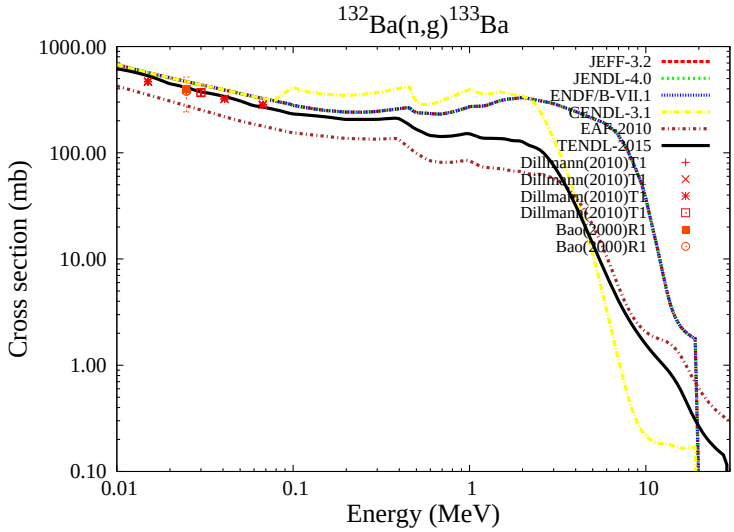

^{132}Ba(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R2
Cross section (mb)
Energy (MeV)

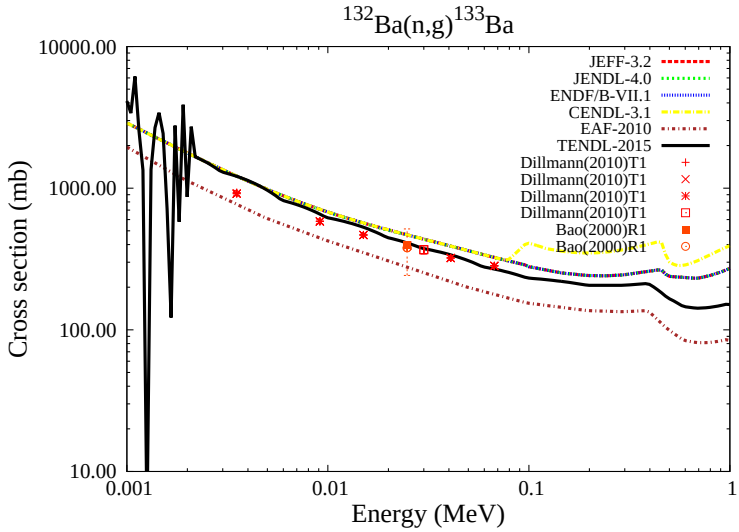

^{132}Ba(n,2n)^{131}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Konno(1993)R1
LuHanlinn(1992)R1
Cross section (mb)
Energy (MeV)

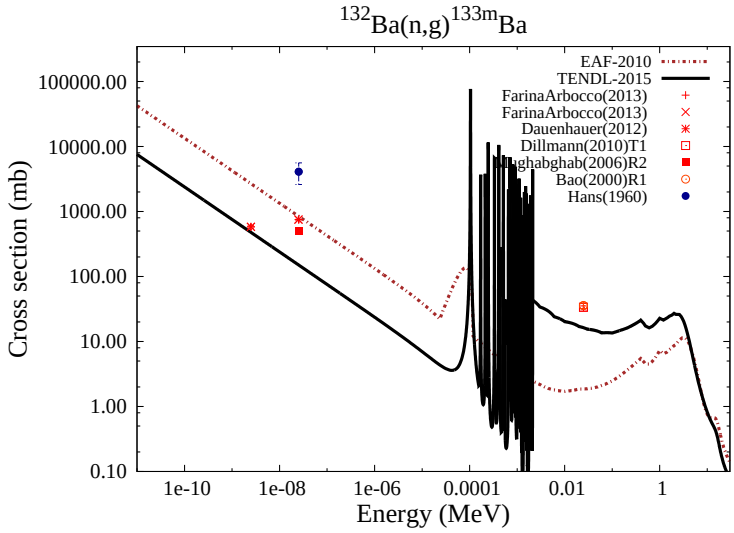

^{132}Ba(n,2n)^{131m}Ba
EAF-2010
TENDL-2015
Sakane(2001)R1
Murahira(1995)T1
Satoh(1994)T1
Pepelnik(1985)R3
Rurarz(1972)N1
Cross section (mb)
Energy (MeV)

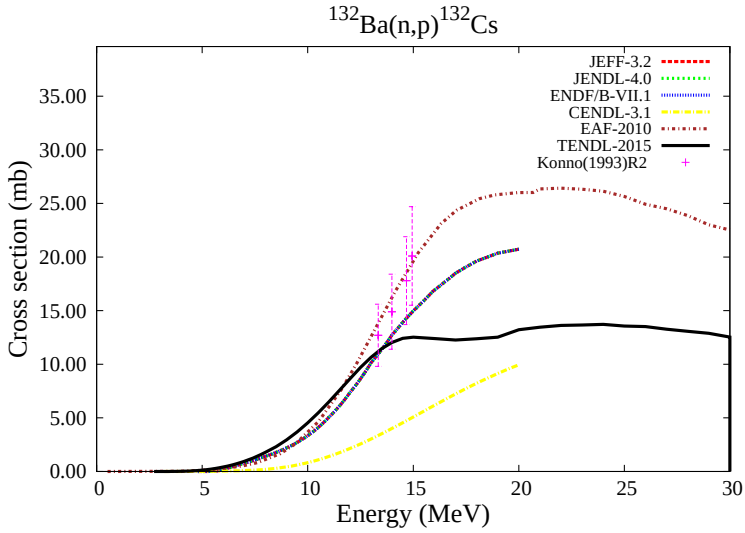

^{132}Ba(n,g)^{133}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Bao(2000)R1
Bao(2000)R1
Cross section (mb)
Energy (MeV)

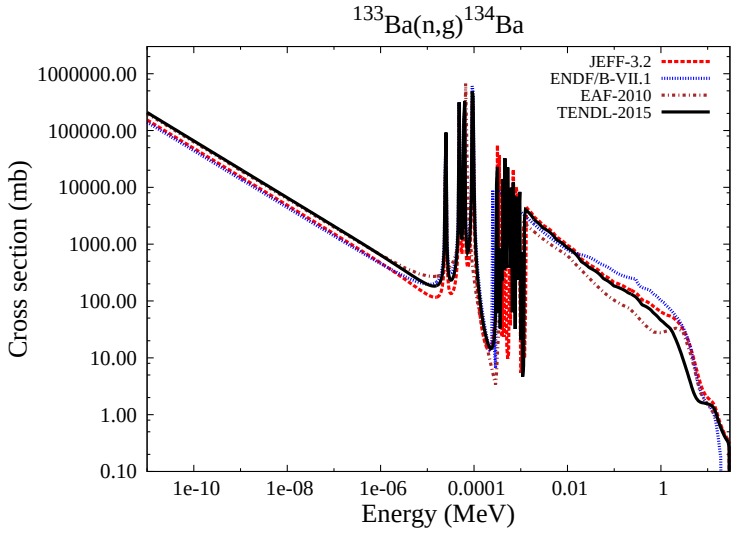

^{132}Ba(n,g)^{133g}Ba
EAF-2010
TENDL-2015
Dauenhauer(2012)
Mughabghab(2006)R1
Cross section (mb)
Energy (MeV)

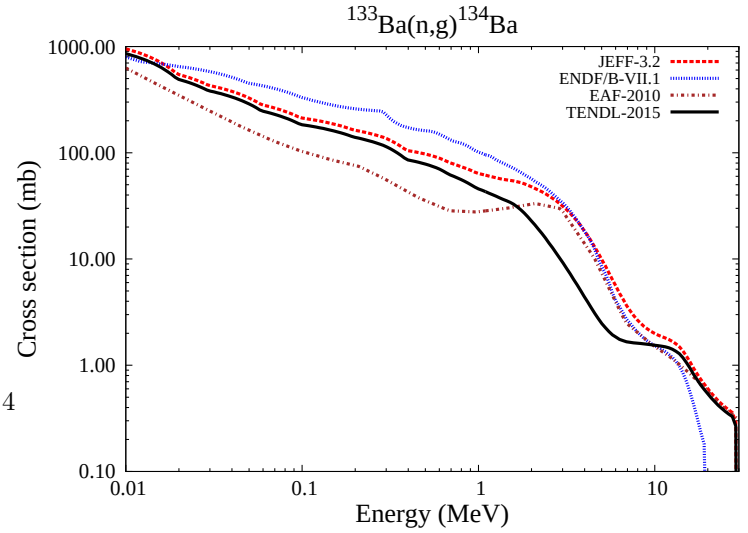

132Ba(n,g)133Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Bao(2000)R1
Bao(2000)R1

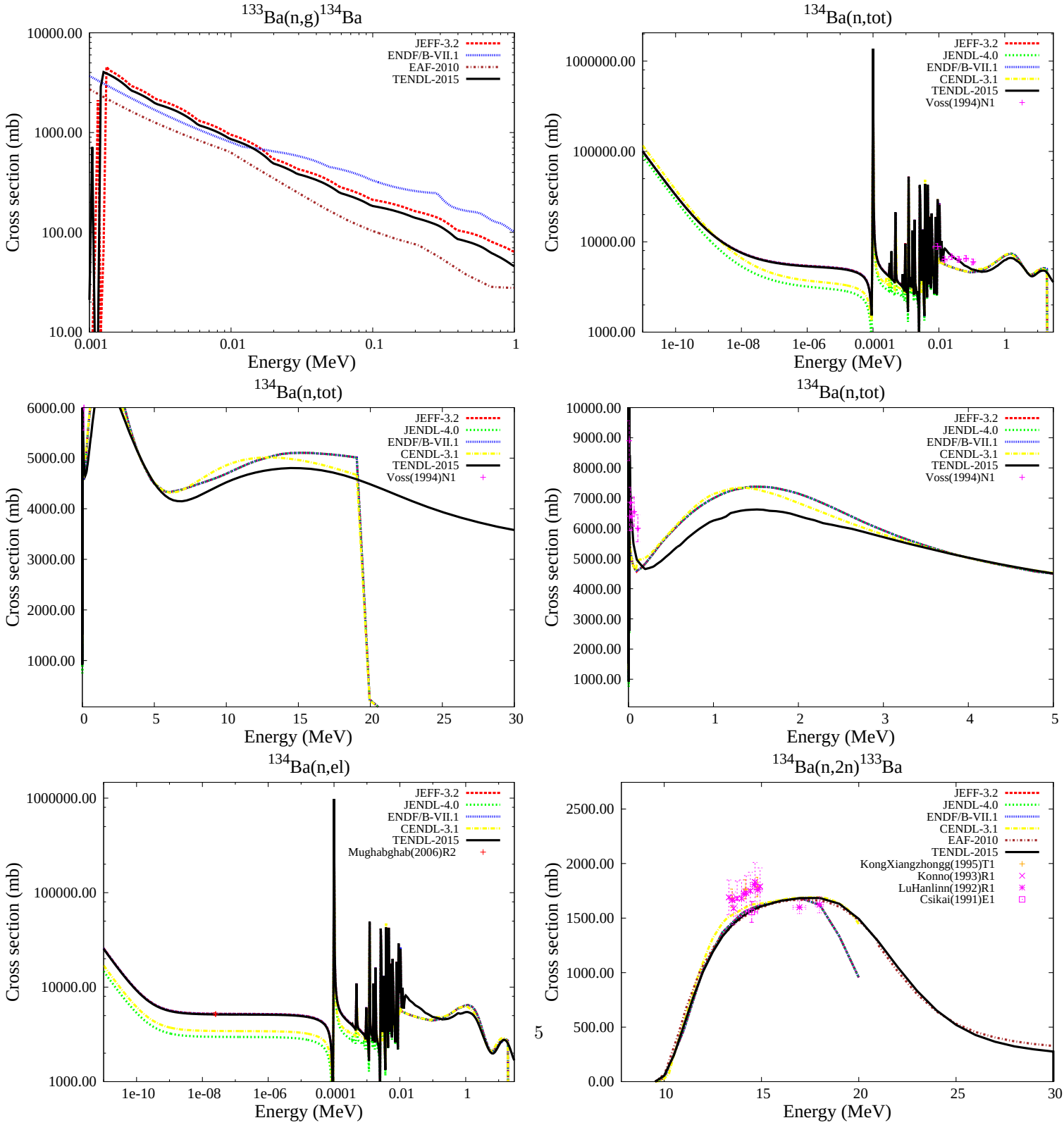

132Ba(n,g)133Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Dillmann(2010)T1
Bao(2000)R1
Bao(2000)R1

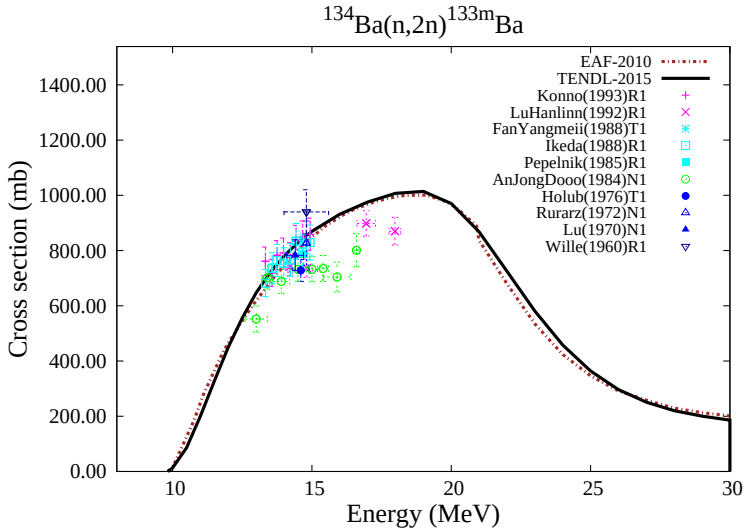

132Ba(n,g)133mBa
Cross section (mb)
Energy (MeV)
EAF-2010
TENDL-2015
FarinaArbocco(2013)
FarinaArbocco(2013)
Dauenhauer(2012)
Dillmann(2010)T1
Bao(2000)R1
Hans(1960)

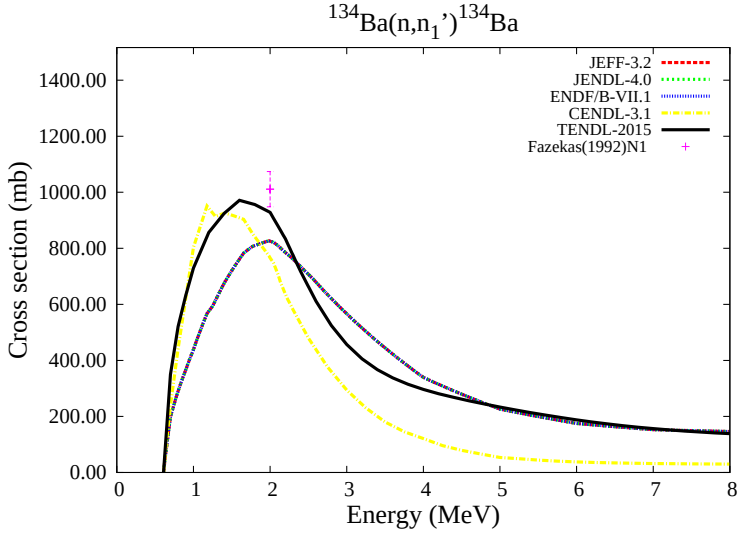

132Ba(n,p)132Cs
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Konno(1993)R2

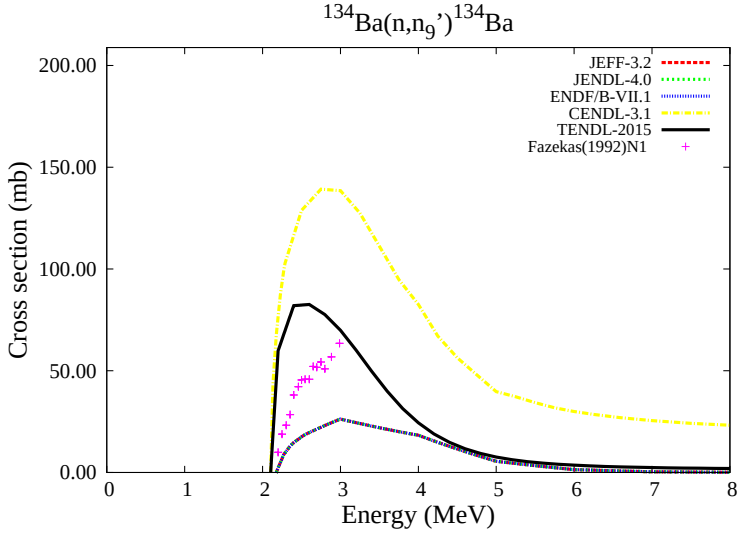

133Ba(n,g)134Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
ENDF/B-VII.1
EAF-2010
TENDL-2015


133Ba(n,g)134Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
ENDF/B-VII.1
EAF-2010
TENDL-2015


133Ba(n,g)134Ba
JEFF-3.2
ENDF/B-VII.1
EAF-2010
TENDL-2015
Cross section (mb)
Energy (MeV)
134Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Cross section (mb)
Energy (MeV)
134Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Cross section (mb)
Energy (MeV)
134Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Cross section (mb)
Energy (MeV)
134Ba(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R2
Cross section (mb)
Energy (MeV)
134Ba(n,2n)133Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
KongXiangzhongg(1995)T1
Konno(1993)R1
LuHanlinn(1992)R1
Csikai(1991)E1
Cross section (mb)
Energy (MeV)


^{134}Ba(n,2n)^{133m}Ba
EAF-2010
TENDL-2015
Konno(1993)R1
LuHanlinn(1992)R1
FanYangmeii(1988)T1
Ikeda(1988)R1
Pepelnik(1985)R1
AnJongDooo(1984)N1
Holub(1976)T1
Rurarz(1972)N1
Lu(1970)N1
Wille(1960)R1
Cross section (mb)
Energy (MeV)


^{134}Ba(n,n$_1$')^{134}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Fazekas(1992)N1
Cross section (mb)
Energy (MeV)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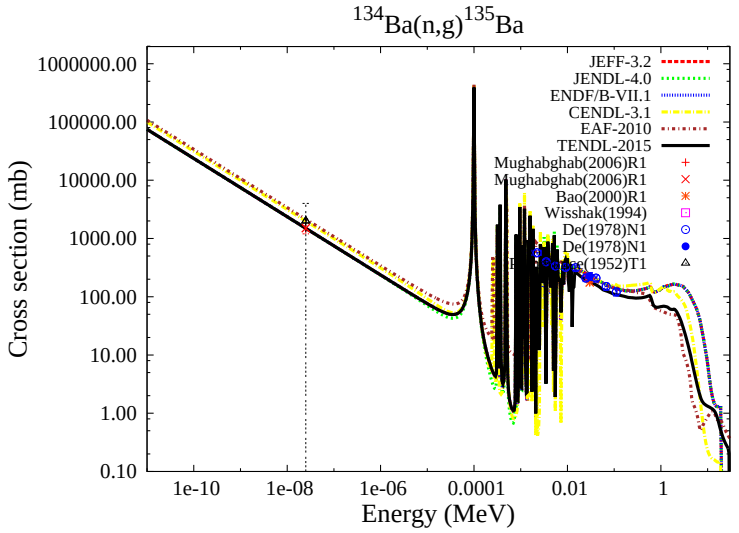
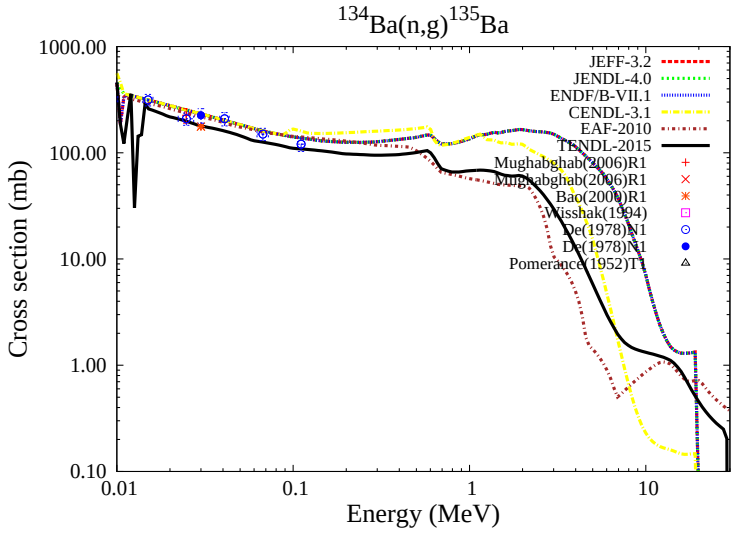
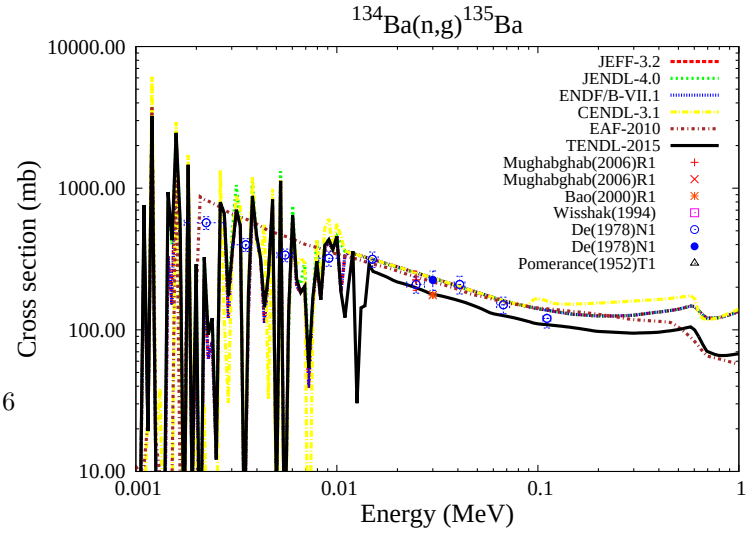
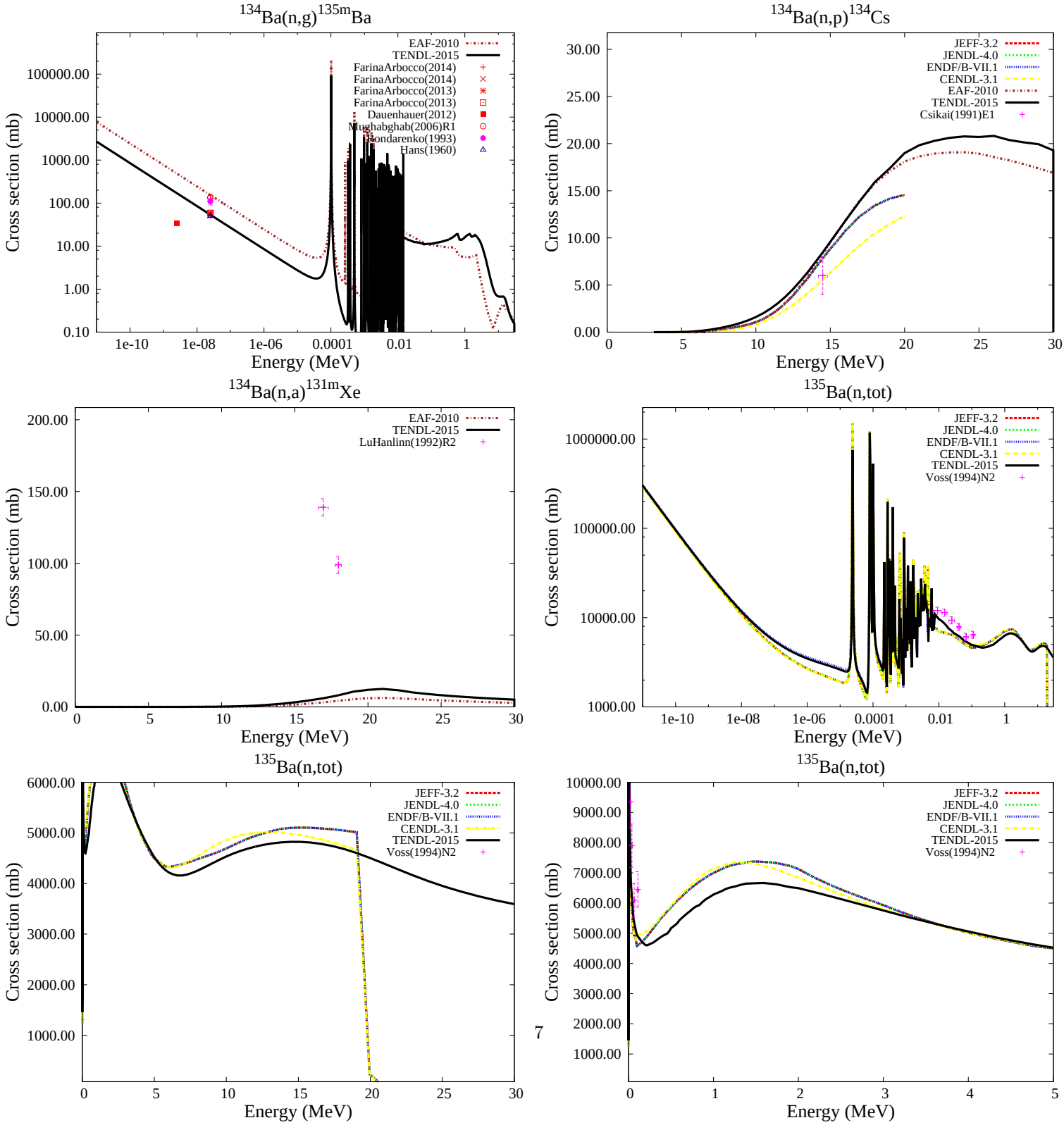
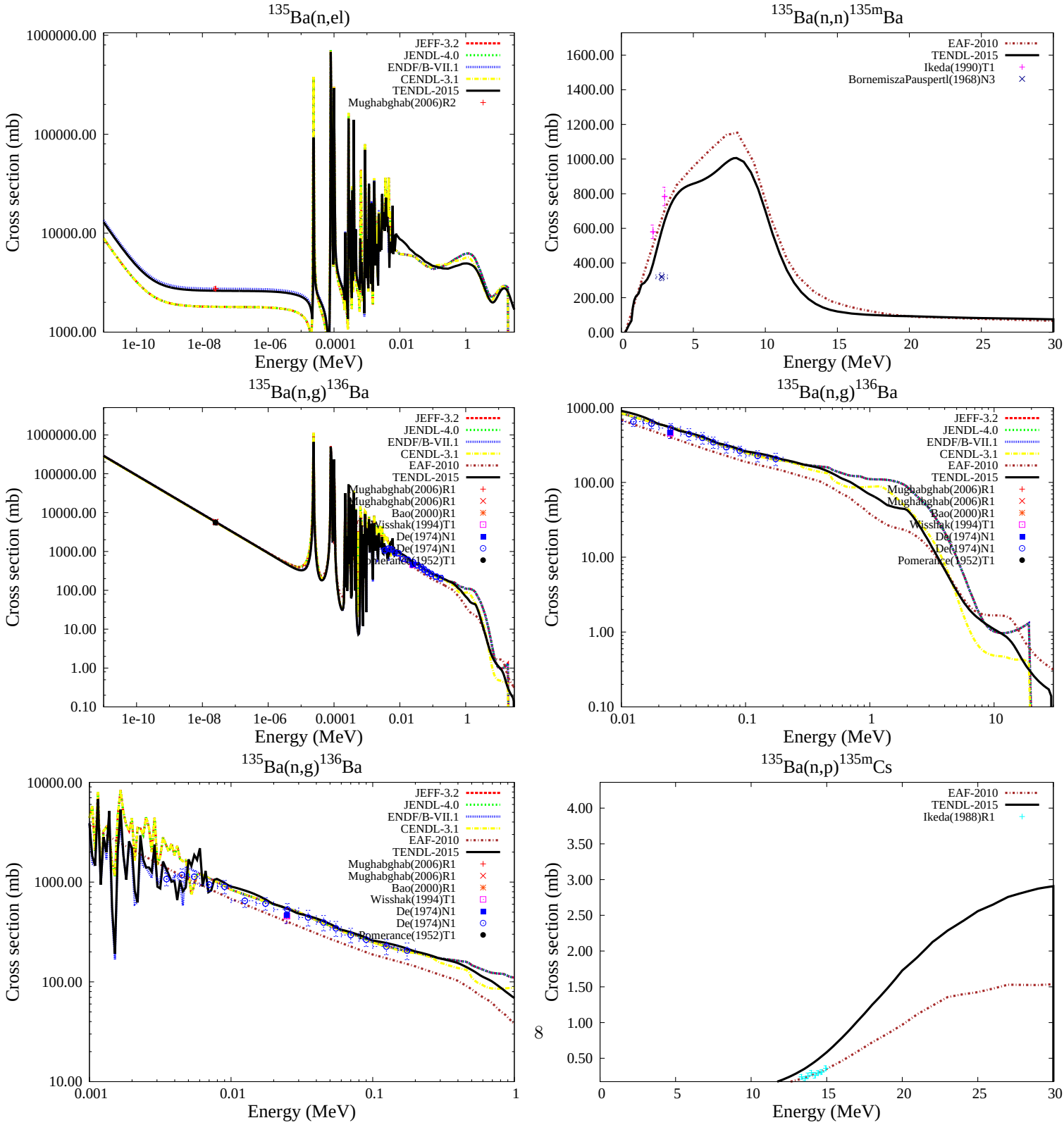
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Fazekas(1992)N1
Cross section (mb)
Energy (MeV)

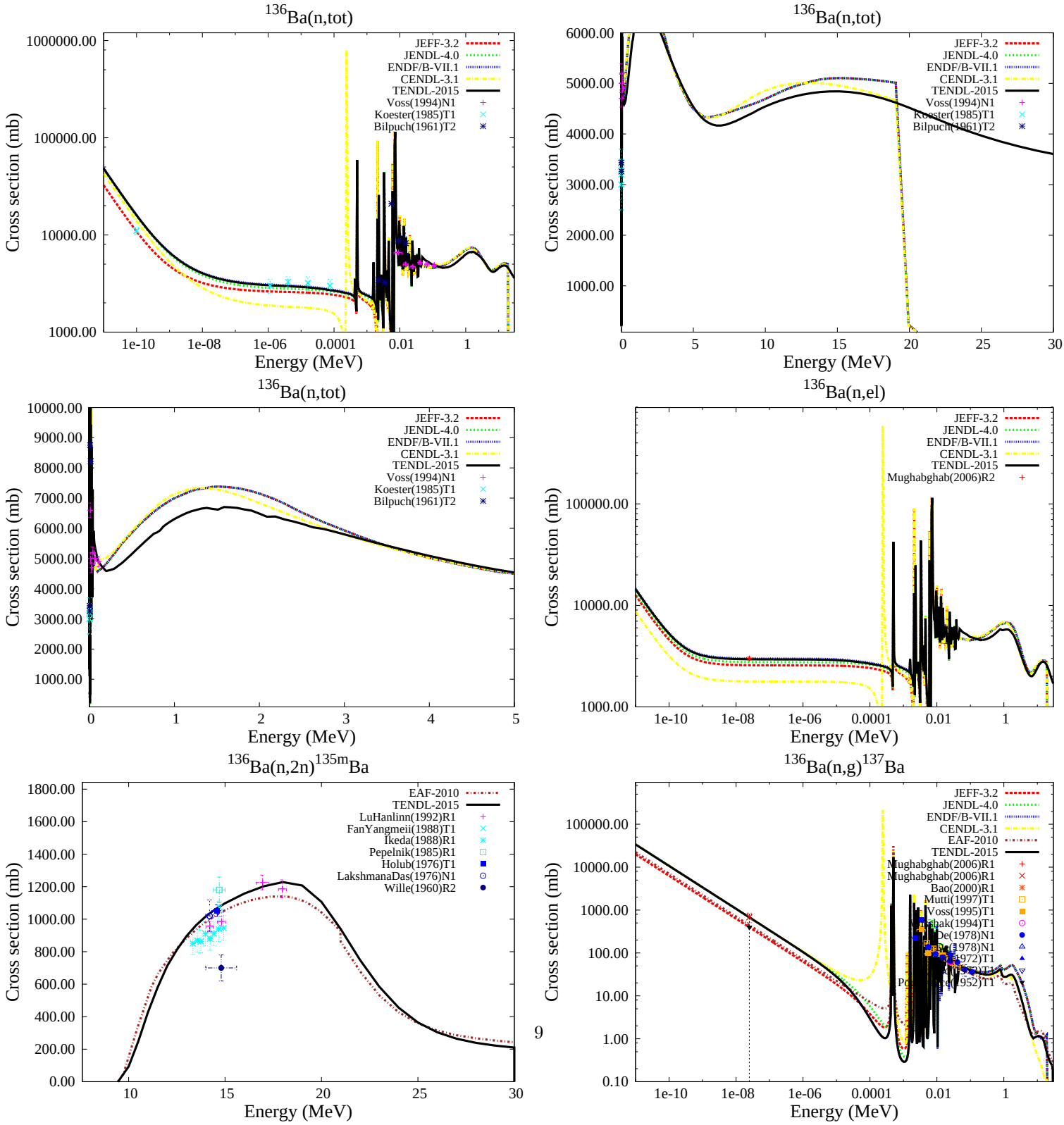

^{134}Ba(n,g)^{135}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Wisshak(1994)
De(1978)N1
De(1978)N1
Cross section (mb)
Energy (MeV)

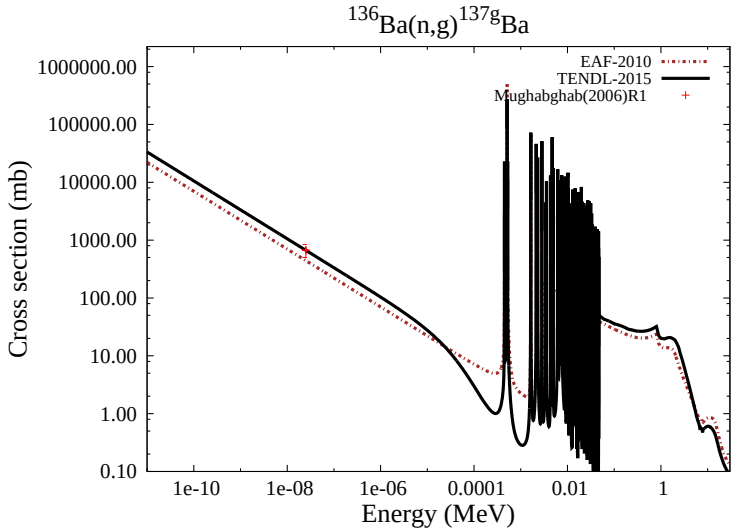

^{134}Ba(n,g)^{135}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Wisshak(1994)
De(1978)N1
De(1978)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

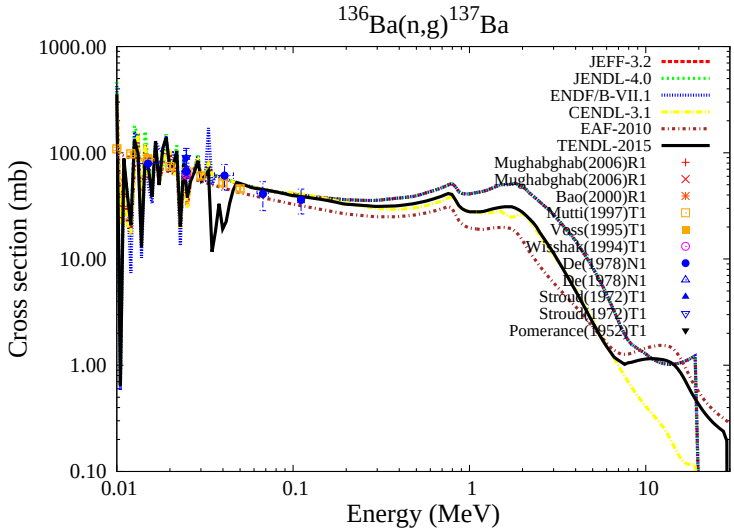

^{134}Ba(n,g)^{135}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Wisshak(1994)
De(1978)N1
De(1978)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

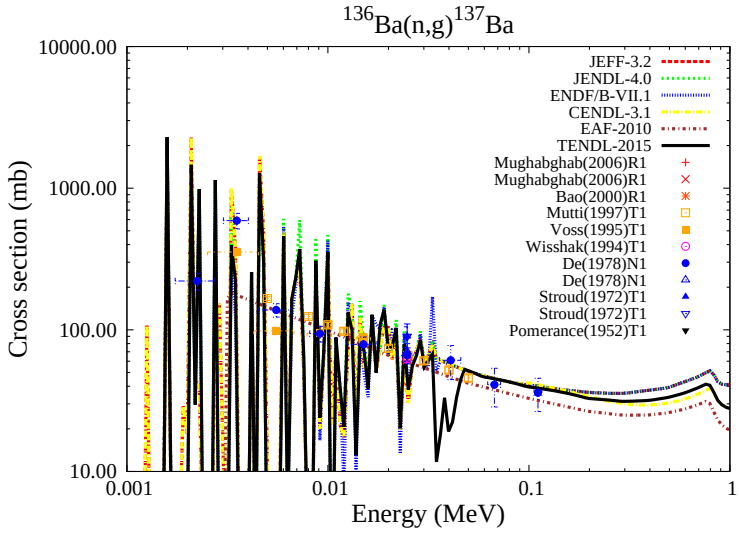

134Ba(n,g)135mBa
EAF-2010
TENDL-2015
FarinaArbocco(2014)
FarinaArbocco(2014)
FarinaArbocco(2013)
FarinaArbocco(2013)
Dauenhauer(2012)
Mughabghab(2006)R1
Bondarenko(1993)
Hans(1960)
Cross section (mb)
Energy (MeV)
134Ba(n,p)134Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Csikai(1991)E1
Cross section (mb)
Energy (MeV)
134Ba(n,a)131mXe
EAF-2010
TENDL-2015
LuHanlinn(1992)R2
Cross section (mb)
Energy (MeV)
135Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N2
Cross section (mb)
Energy (MeV)
135Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N2
Cross section (mb)
Energy (MeV)
135Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N2
Cross section (mb)
Energy (MeV)

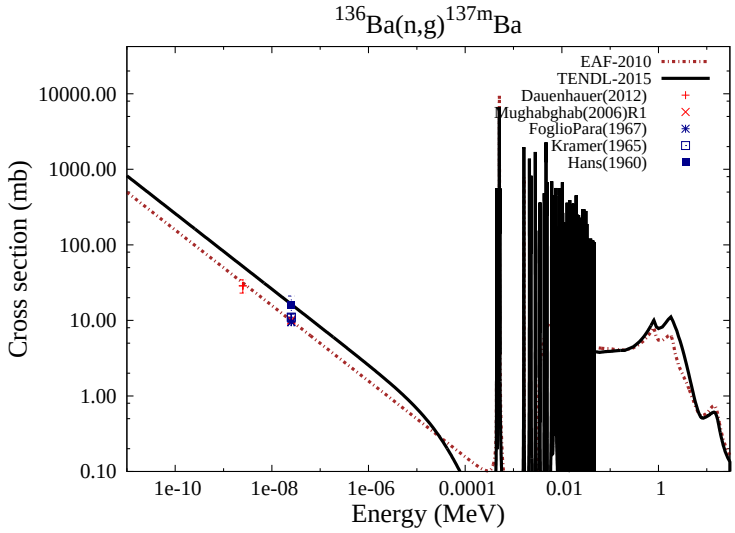

135Ba(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R2
Cross section (mb)
Energy (MeV)
135Ba(n,n)135mBa
EAF-2010
TENDL-2015
Ikeda(1990)T1
BornemiszaPauspertl(1968)N3
Cross section (mb)
Energy (MeV)
135Ba(n,g)136Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Wisshak(1994)T1
De(1974)N1
De(1974)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)
135Ba(n,g)136Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Wisshak(1994)T1
De(1974)N1
De(1974)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)
135Ba(n,g)136Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Wisshak(1994)T1
De(1974)N1
De(1974)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)
135Ba(n,p)135mCs
EAF-2010
TENDL-2015
Ikeda(1988)R1
Cross section (mb)
Energy (MeV)

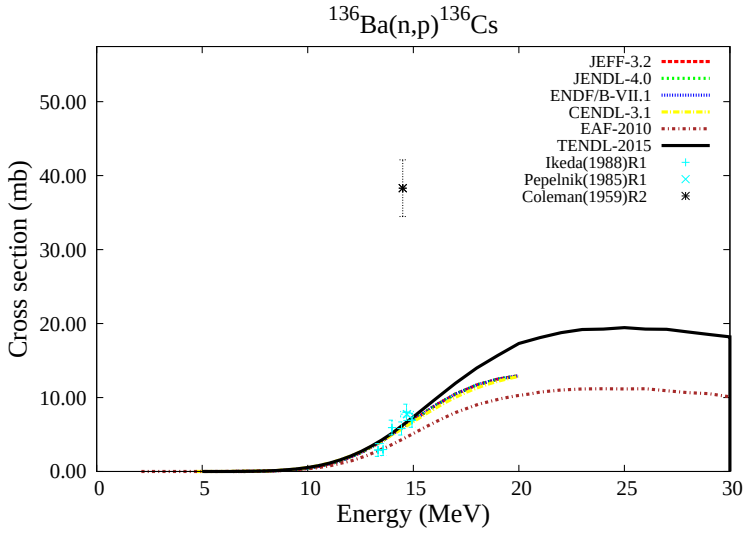

136Ba(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Koester(1985)T1
Bilpuch(1961)T2
136Ba(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Koester(1985)T1
Bilpuch(1961)T2
136Ba(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Koester(1985)T1
Bilpuch(1961)T2
136Ba(n,el)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R2
136Ba(n,2n)135mBa
Cross section (mb)
Energy (MeV)
EAF-2010
TENDL-2015
LuHanlinn(1992)R1
FanYangmeii(1988)T1
Ikeda(1988)R1
Pepelnik(1985)R1
Holub(1976)T1
LakshmanaDas(1976)N1
Wille(1960)R2
136Ba(n,g)137Ba
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Mutti(1997)T1
Voss(1995)T1

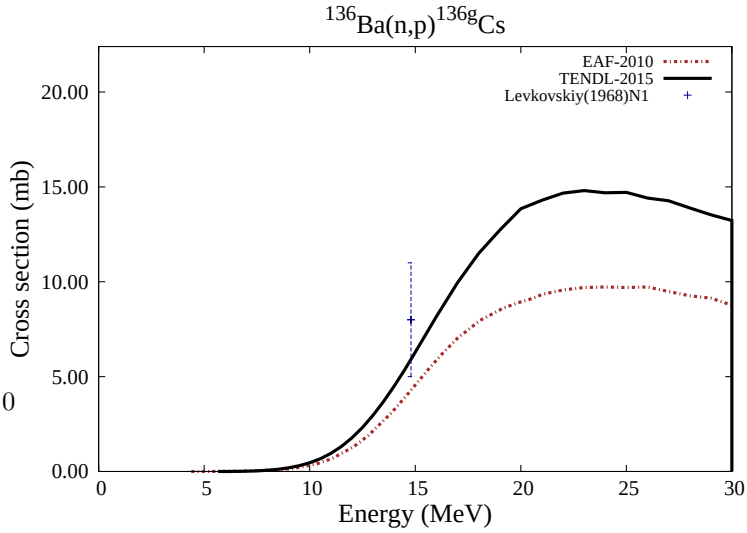

^{136}Ba(n,g)^{137g}Ba
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Cross section (mb)
Energy (MeV)

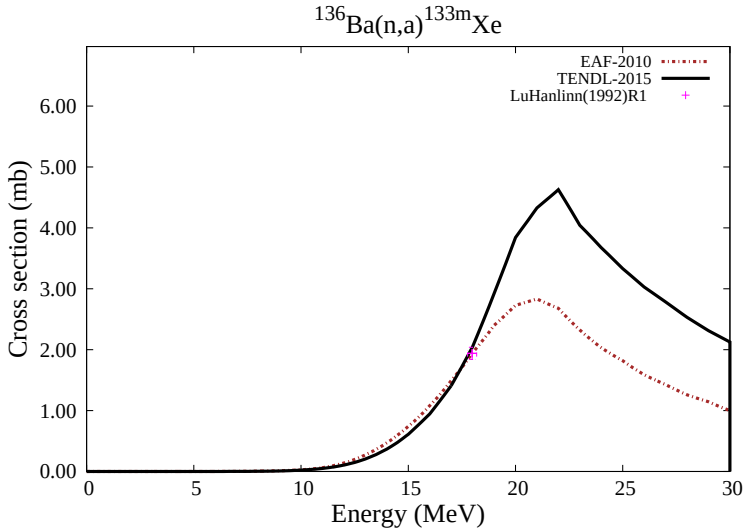

^{136}Ba(n,g)^{137}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Mutti(1997)T1
Voss(1995)T1
Wisshak(1994)T1
De(1978)N1
De(1978)N1
Stroud(1972)T1
Stroud(1972)T1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

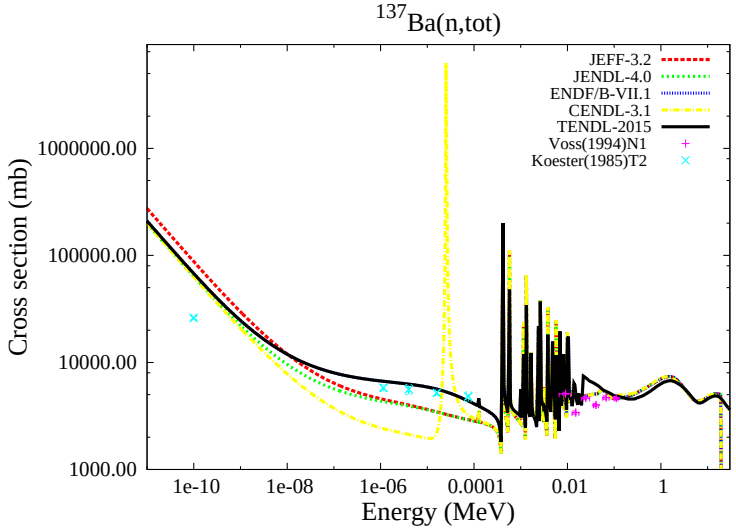

^{136}Ba(n,g)^{137}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Mutti(1997)T1
Voss(1995)T1
Wisshak(1994)T1
De(1978)N1
De(1978)N1
Stroud(1972)T1
Stroud(1972)T1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

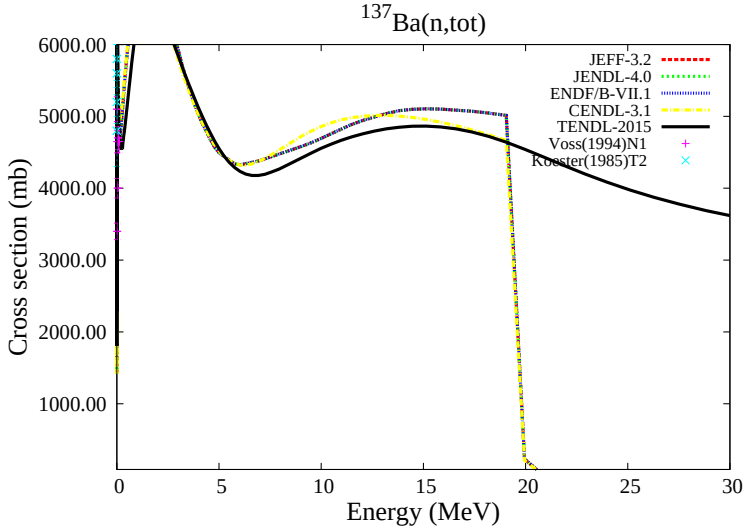

^{136}Ba(n,g)^{137m}Ba
EAF-2010
TENDL-2015
Dauenhauer(2012)
Mughabghab(2006)R1
FoglioPara(1967)
Kramer(1965)
Hans(1960)
Cross section (mb)
Energy (MeV)

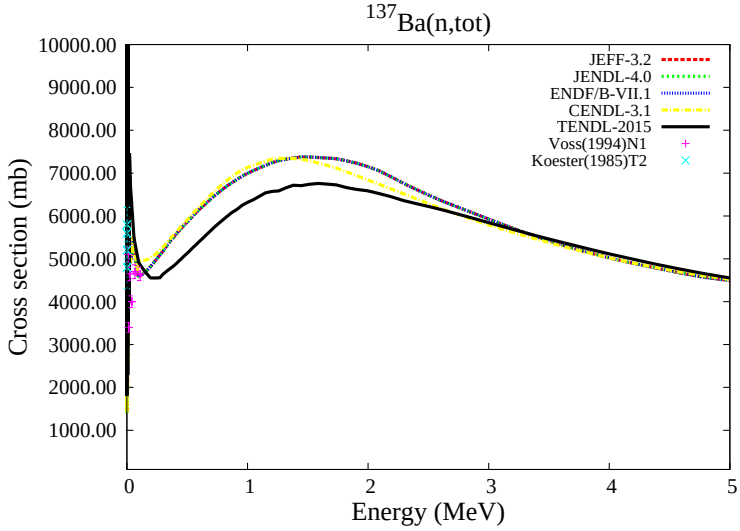

^{136}Ba(n,p)^{136}Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Ikeda(1988)R1
Pepelnik(1985)R1
Coleman(1959)R2
Cross section (mb)
Energy (MeV)

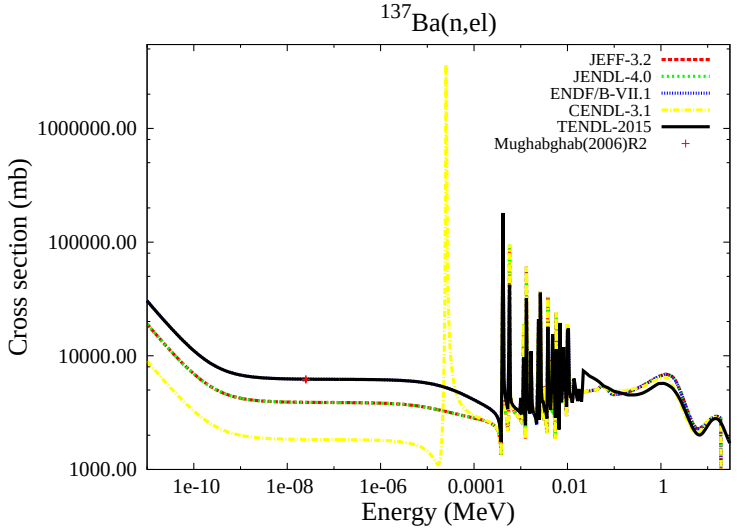

^{136}Ba(n,p)^{136g}Cs
EAF-2010
TENDL-2015
Levkovskiy(1968)N1
Cross section (mb)
Energy (MeV)

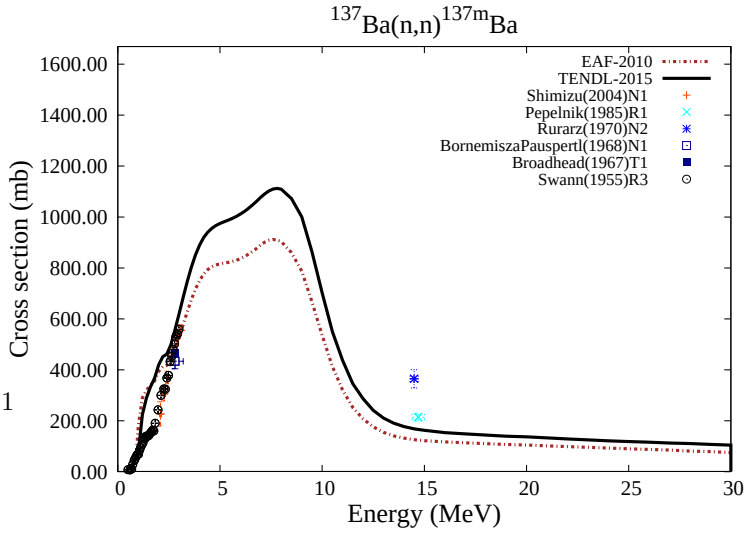

^{136}Ba(n,a)^{133m}Xe
EAF-2010
TENDL-2015
LuHanlinn(1992)R1
Cross section (mb)
Energy (MeV)

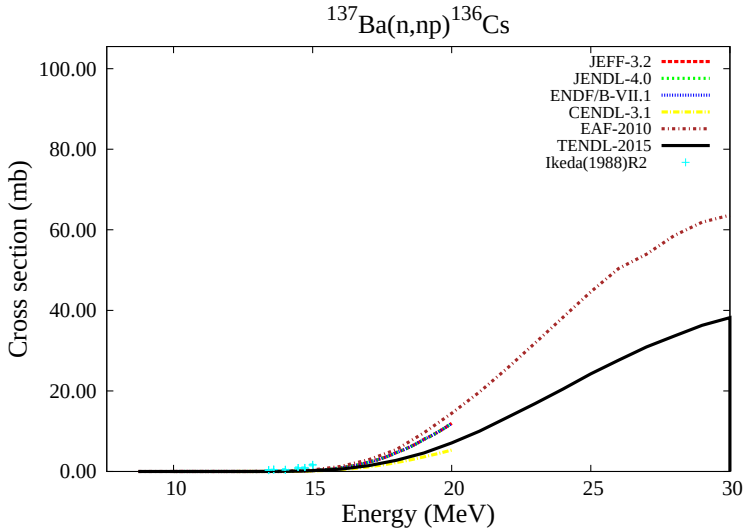

^{137}Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Koester(1985)T2
Cross section (mb)
Energy (MeV)

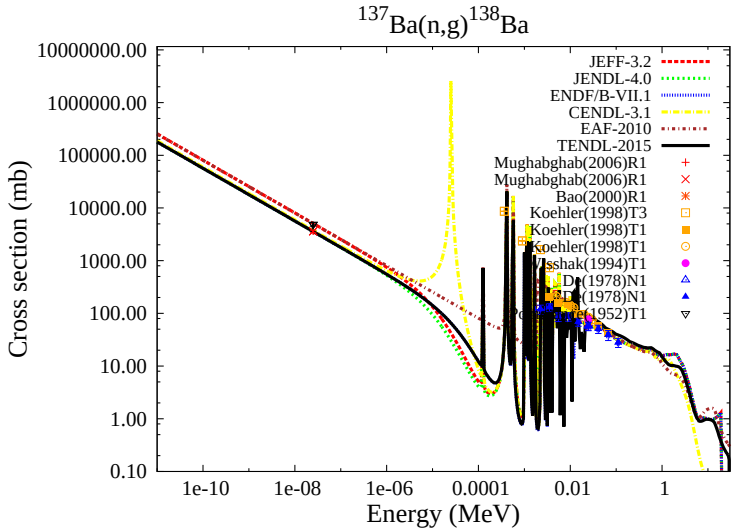

^{137}Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Koester(1985)T2
Cross section (mb)
Energy (MeV)

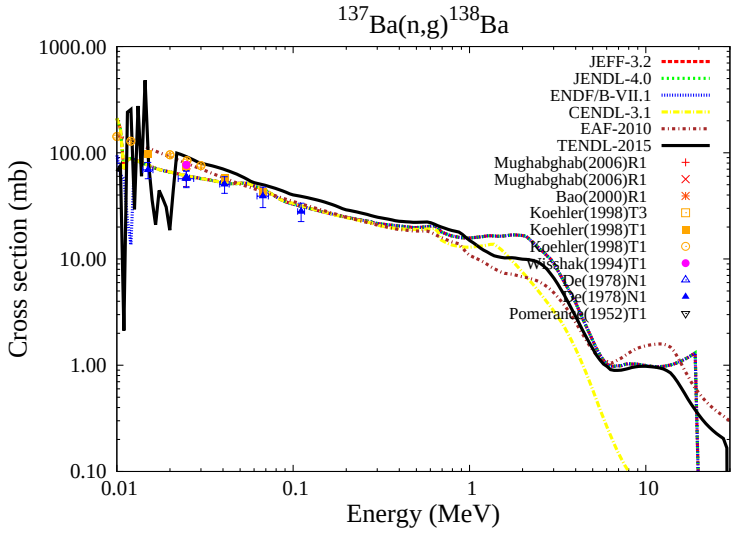

^{137}Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Voss(1994)N1
Koester(1985)T2
Cross section (mb)
Energy (MeV)

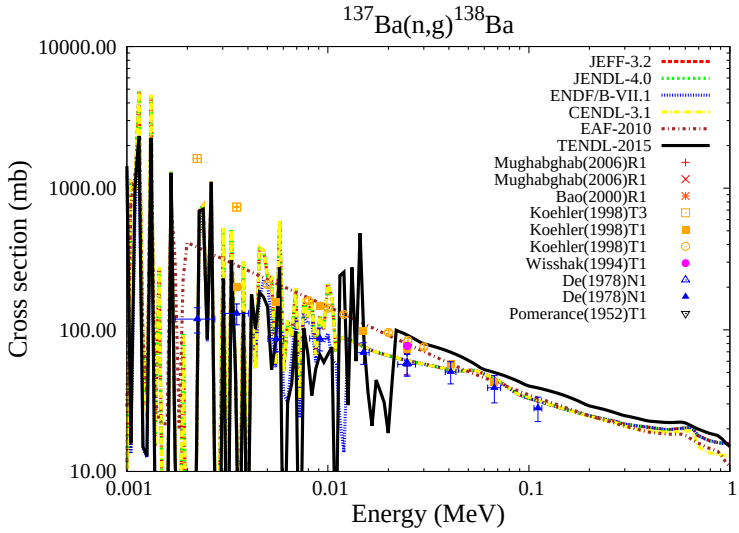

^{137}Ba(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R2
Cross section (mb)
Energy (MeV)

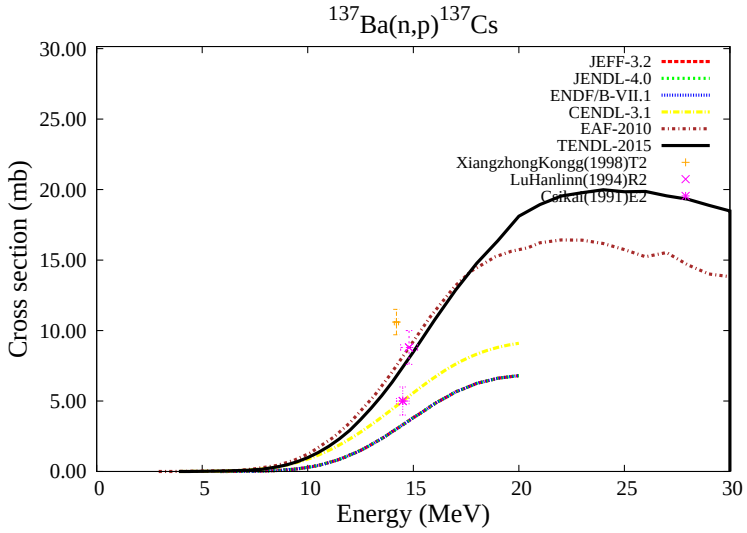

^{137}Ba(n,n)^{137m}Ba
EAF-2010
TENDL-2015
Shimizu(2004)N1
Pepelnik(1985)R1
Rurarz(1970)N2
BornemiszaPauspertl(1968)N1
Broadhead(1967)T1
Swann(1955)R3
Cross section (mb)
Energy (MeV)

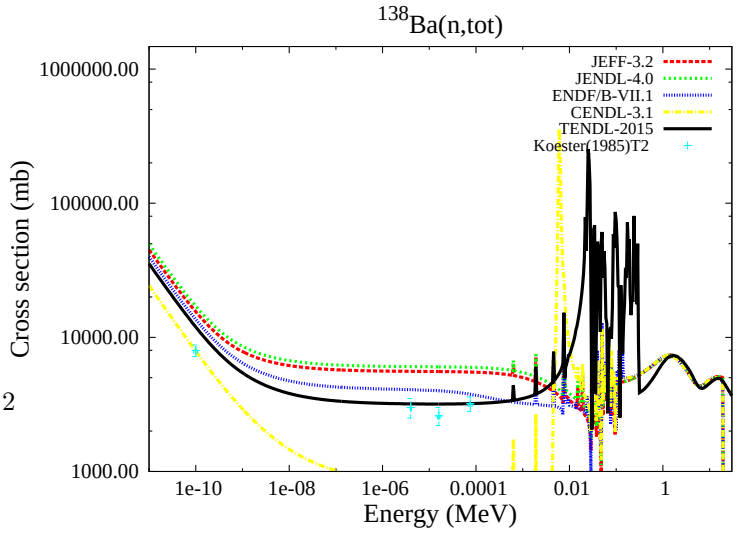

^{137}Ba(n,np)^{136}Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Ikeda(1988)R2
Cross section (mb)
Energy (MeV)

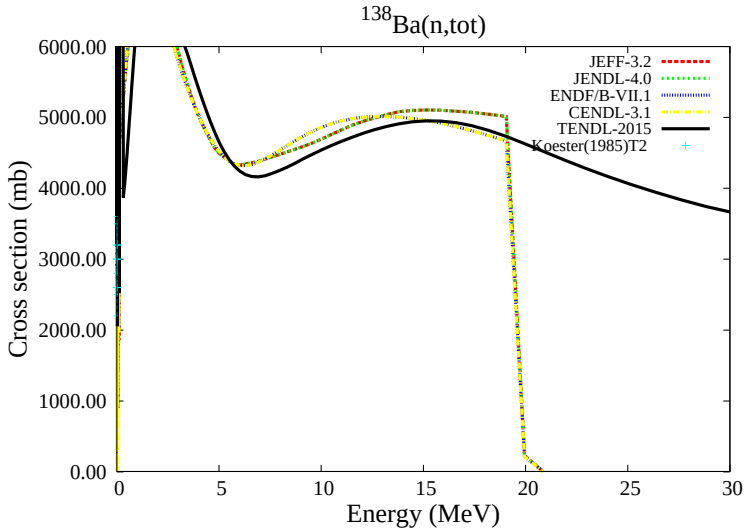

^{137}Ba(n,g)^{138}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Koehler(1998)T3
Koehler(1998)T1
Koehler(1998)T1
Wisshak(1994)T1
De(1978)N1
De(1978)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

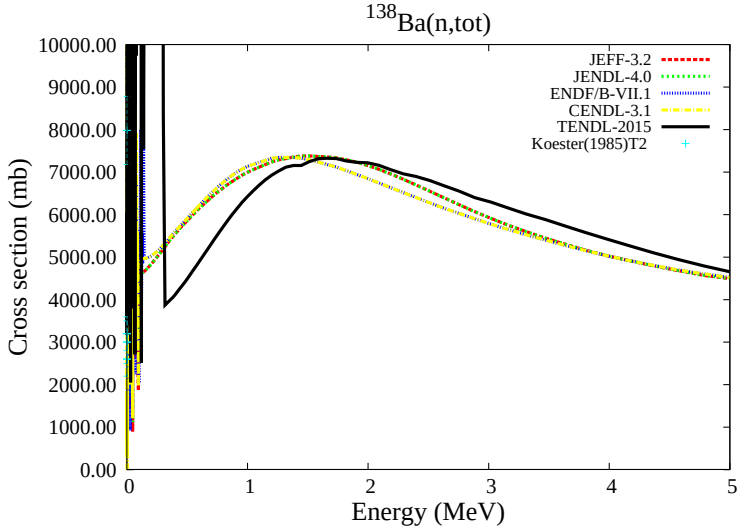

^{137}Ba(n,g)^{138}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Koehler(1998)T3
Koehler(1998)T1
Koehler(1998)T1
Wisshak(1994)T1
De(1978)N1
De(1978)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

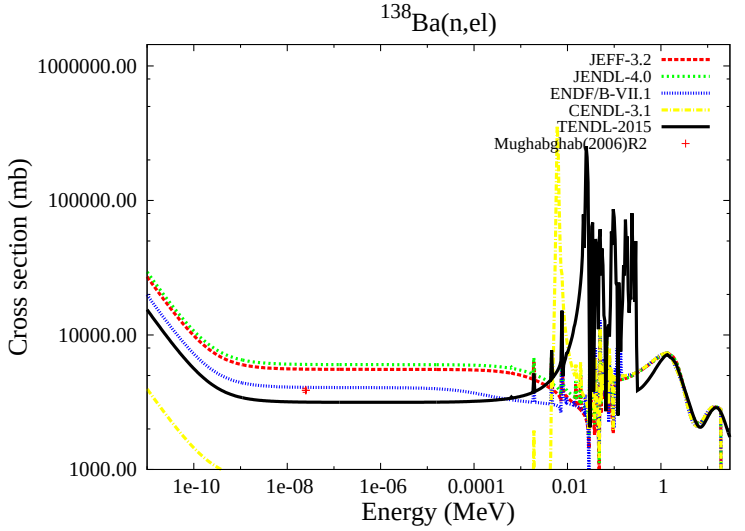

^{137}Ba(n,g)^{138}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Koehler(1998)T3
Koehler(1998)T1
Koehler(1998)T1
Wisshak(1994)T1
De(1978)N1
De(1978)N1
Pomerance(1952)T1
Cross section (mb)
Energy (MeV)

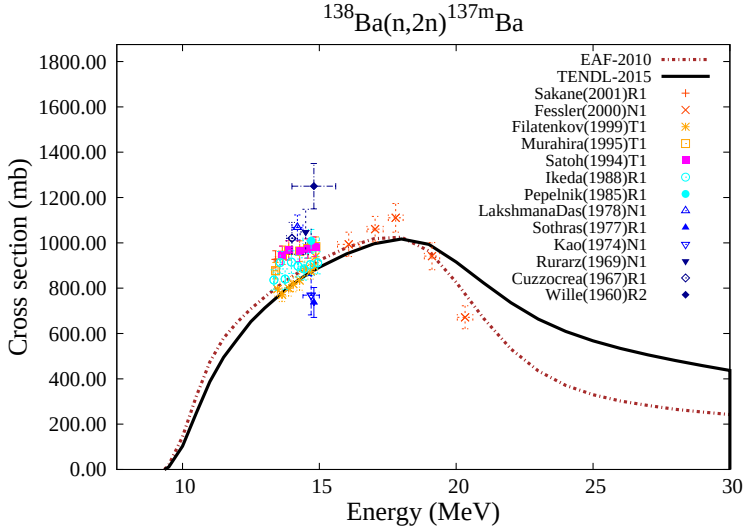

^{137}Ba(n,p)^{137}Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
XiangzhongKongg(1998)T2
LuHanlinn(1994)R2
Csikai(1991)E2
Cross section (mb)
Energy (MeV)

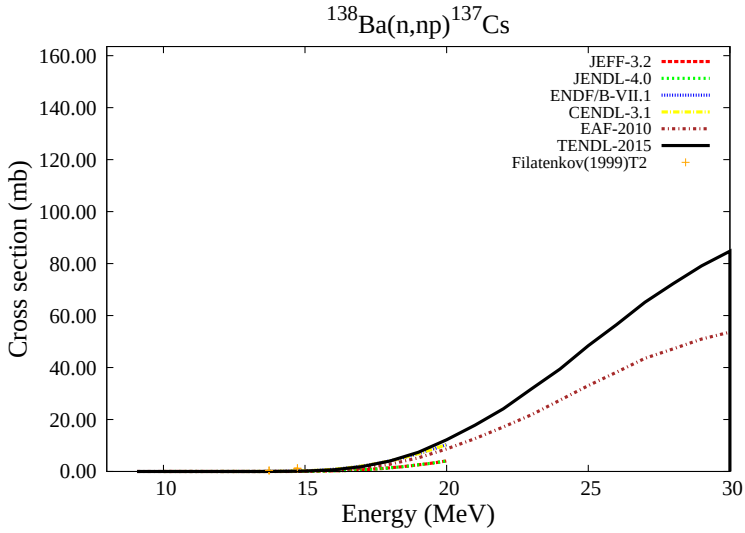

^{138}Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Koester(1985)T2
Cross section (mb)
Energy (MeV)

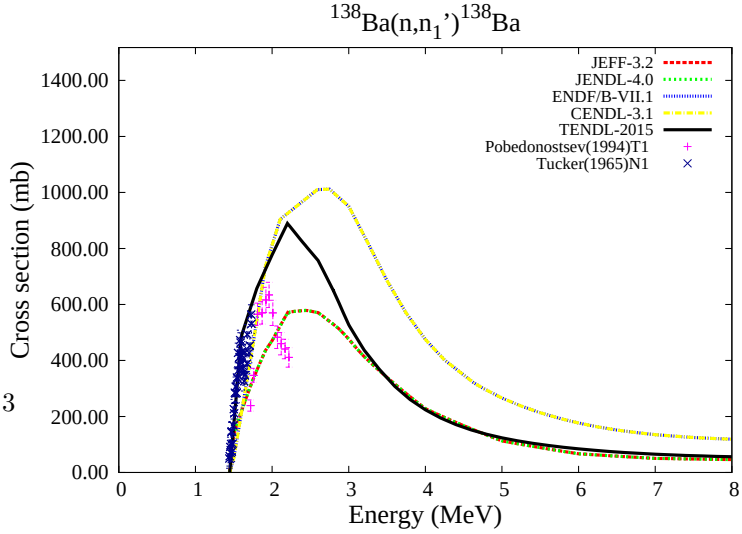

^{138}Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Koester(1985)T2
Cross section (mb)
Energy (MeV)

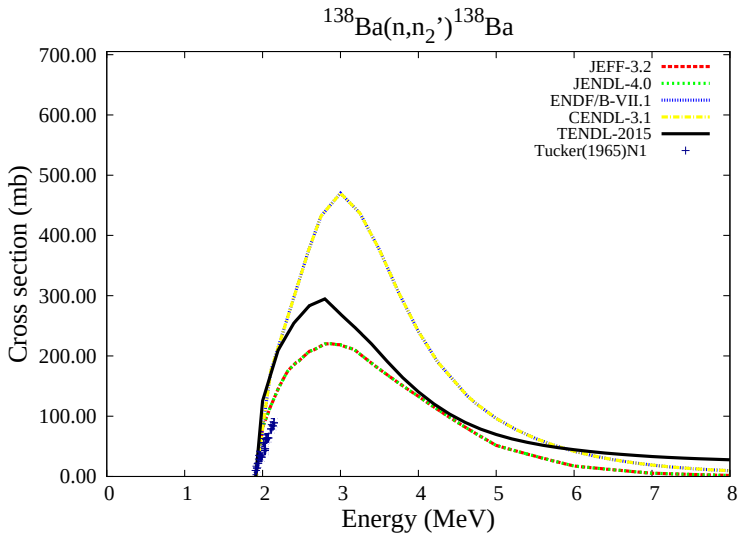

^{138}Ba(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Koester(1985)T2
Cross section (mb)
Energy (MeV)

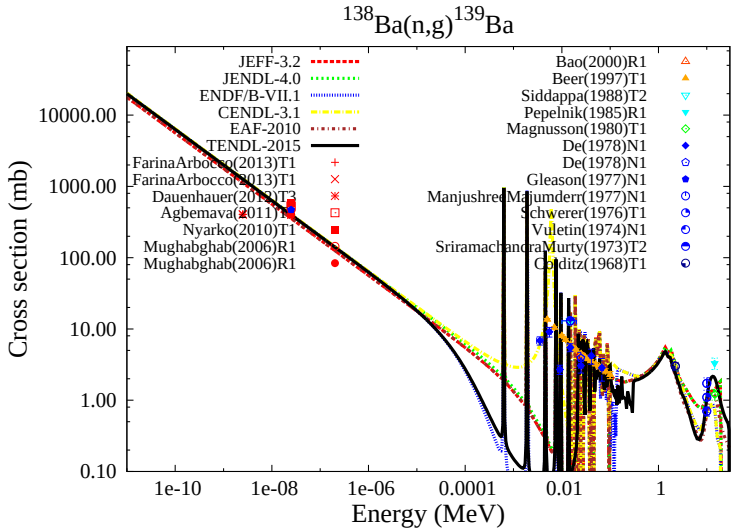

^{138}Ba(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R2
Cross section (mb)
Energy (MeV)

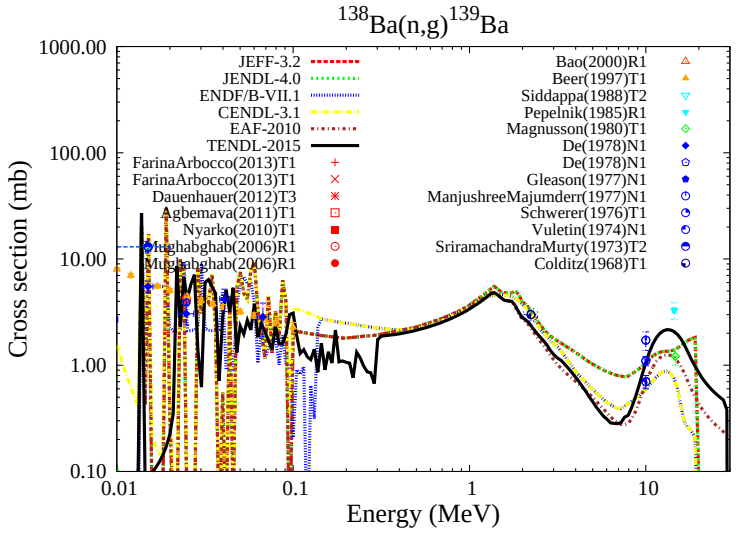

^{138}Ba(n,2n)^{137m}Ba
EAF-2010
TENDL-2015
Sakane(2001)R1
Fessler(2000)N1
Filatenkov(1999)T1
Murahira(1995)T1
Satoh(1994)T1
Ikeda(1988)R1
Pepelnik(1985)R1
LakshmanaDas(1978)N1
Sothras(1977)R1
Kao(1974)N1
Rurarz(1969)N1
Cuzzocrea(1967)R1
Wille(1960)R2
Cross section (mb)
Energy (MeV)

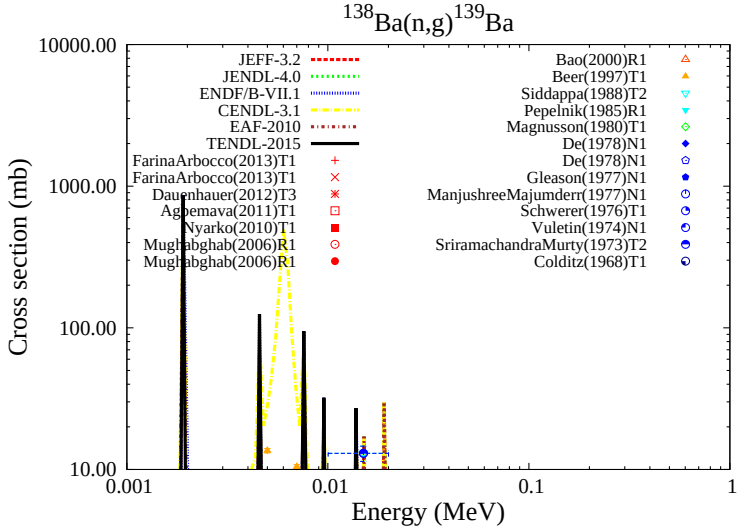

^{138}Ba(n,np)^{137}Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Filatenkov(1999)T2
Cross section (mb)
Energy (MeV)

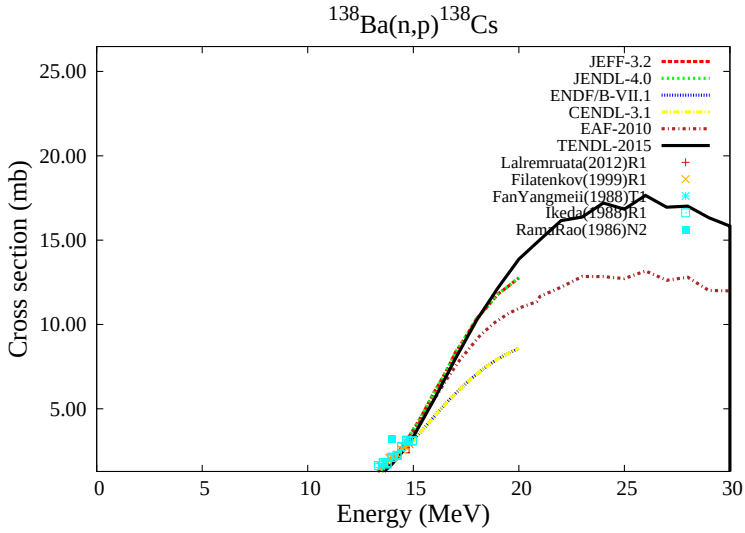

^{138}Ba(n,n$_1$')^{138}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Pobedonostsev(1994)T1
Tucker(1965)N1
Cross section (mb)
Energy (MeV)

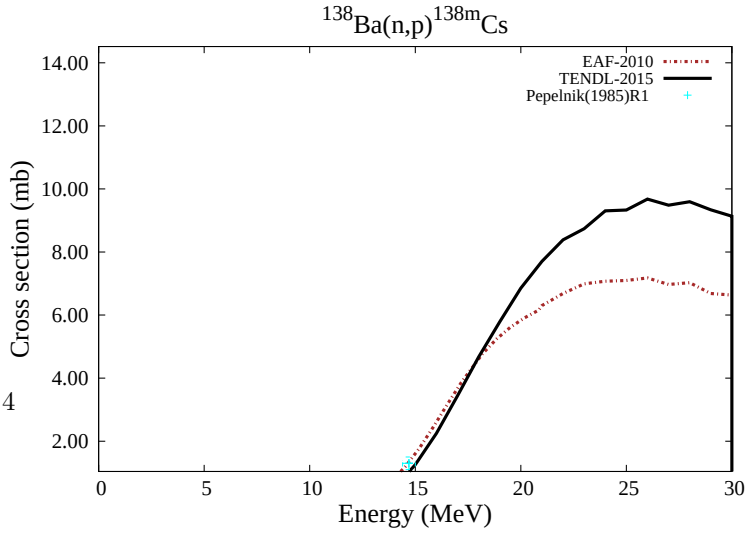

^{138}Ba(n,n$_2$')^{138}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Tucker(1965)N1
Cross section (mb)
Energy (MeV)

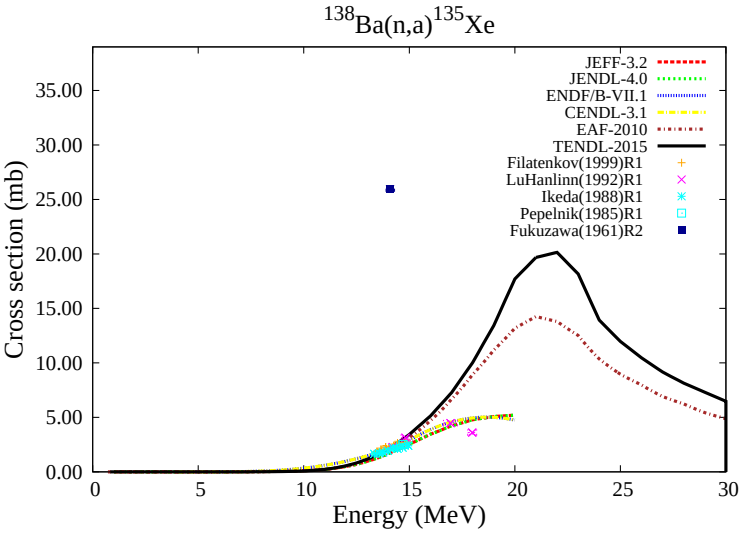

^{138}Ba(n,g)^{139}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Dauenhauer(2012)T3
Agbemava(2011)T1
Nyarko(2010)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Beer(1997)T1
Siddappa(1988)T2
Pepelnik(1985)R1
Magnusson(1980)T1
De(1978)N1
De(1978)N1
Gleason(1977)N1
ManjushreeMajumderr(1977)N1
Schwerer(1976)T1
Vuletin(1974)N1
SriramachandraMurty(1973)T2
Colditz(1968)T1
Cross section (mb)
Energy (MeV)

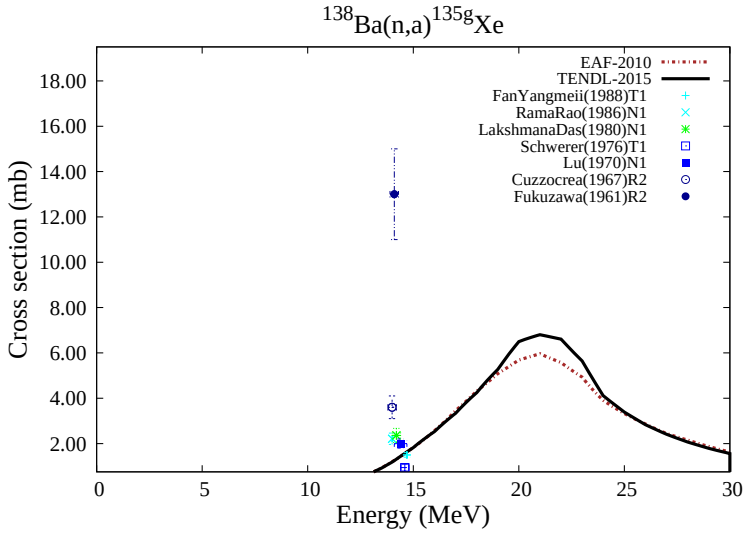

^{138}Ba(n,g)^{139}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Dauenhauer(2012)T3
Agbemava(2011)T1
Nyarko(2010)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Beer(1997)T1
Siddappa(1988)T2
Pepelnik(1985)R1
Magnusson(1980)T1
De(1978)N1
De(1978)N1
Gleason(1977)N1
ManjushreeMajumderr(1977)N1
Schwerer(1976)T1
Vuletin(1974)N1
SriramachandraMurty(1973)T2
Colditz(1968)T1
Cross section (mb)
Energy (MeV)

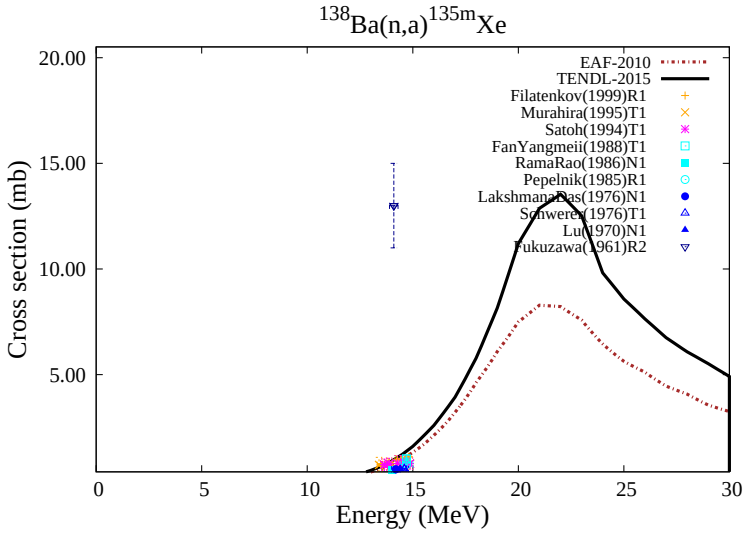

^{138}Ba(n,g)^{139}Ba
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Dauenhauer(2012)T3
Agbemava(2011)T1
Nyarko(2010)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Bao(2000)R1
Beer(1997)T1
Siddappa(1988)T2
Pepelnik(1985)R1
Magnusson(1980)T1
De(1978)N1
De(1978)N1
Gleason(1977)N1
ManjushreeMajumderr(1977)N1
Schwerer(1976)T1
Vuletin(1974)N1
SriramachandraMurty(1973)T2
Colditz(1968)T1
Cross section (mb)
Energy (MeV)


^{138}Ba(n,p)^{138}Cs
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Lalremruata(2012)R1
Filatenkov(1999)R1
FanYangmeii(1988)T1
Ikeda(1988)R1
RamaRao(1986)N2
Cross section (mb)
Energy (MeV)


^{138}Ba(n,p)^{138m}Cs
EAF-2010
TENDL-2015
Pepelnik(1985)R1
Cross section (mb)
Energy (MeV)


^{138}Ba(n,a)^{135}Xe
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Filatenkov(1999)R1
LuHanlinn(1992)R1
Ikeda(1988)R1
Pepelnik(1985)R1
Fukuzawa(1961)R2
Cross section (mb)
Energy (MeV)


^{138}Ba(n,a)^{135g}Xe
EAF-2010
TENDL-2015
FanYangmeii(1988)T1
RamaRao(1986)N1
LakshmanaDas(1980)N1
Schwerer(1976)T1
Lu(1970)N1
Cuzzocrea(1967)R2
Fukuzawa(1961)R2
Cross section (mb)
Energy (MeV)


^{138}Ba(n,a)^{135m}Xe
EAF-2010
TENDL-2015
Filatenkov(1999)R1
Murahira(1995)T1
Satoh(1994)T1
FanYangmeii(1988)T1
RamaRao(1986)N1
Pepelnik(1985)R1
LakshmanaDas(1976)N1
Schwerer(1976)T1
Lu(1970)N1
Fukuzawa(1961)R2
Cross section (mb)
Energy (MeV)