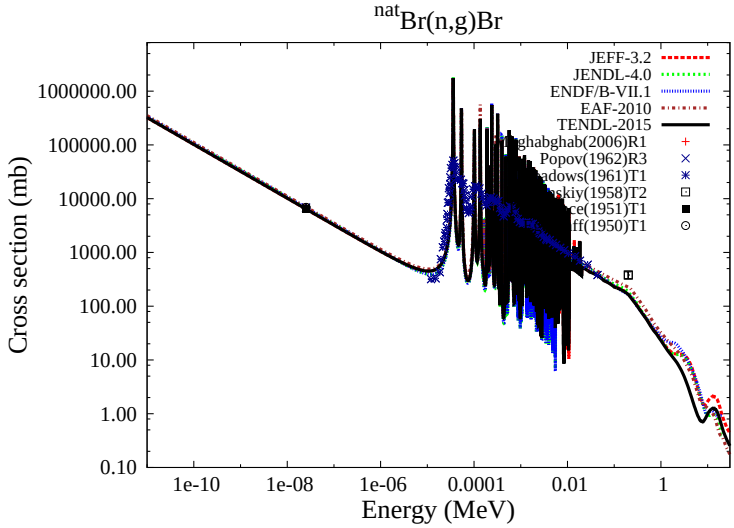
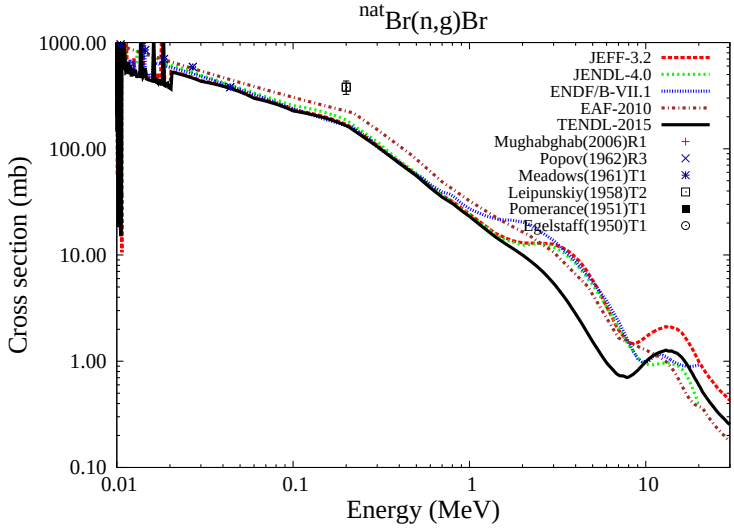
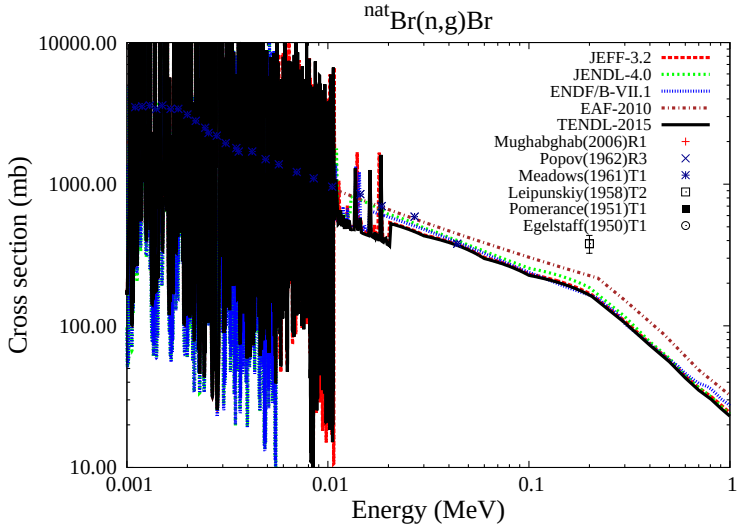
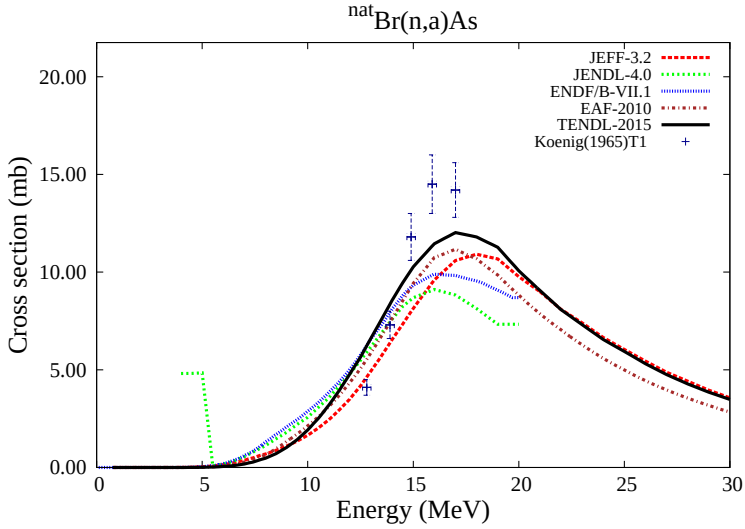
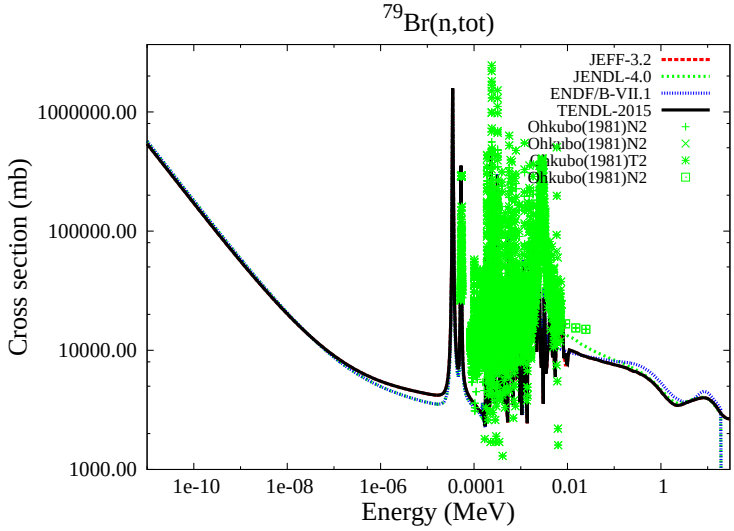
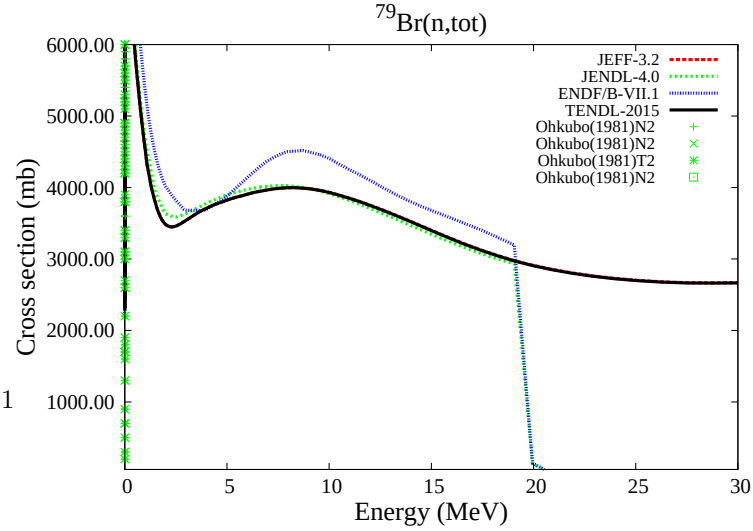

natBr(n,g)Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Popov(1962)R3
Meadows(1961)T1
Leipunskiy(1958)T2
Pomerance(1951)T1
Egelstaff(1950)T1
Cross section (mb)
Energy (MeV)

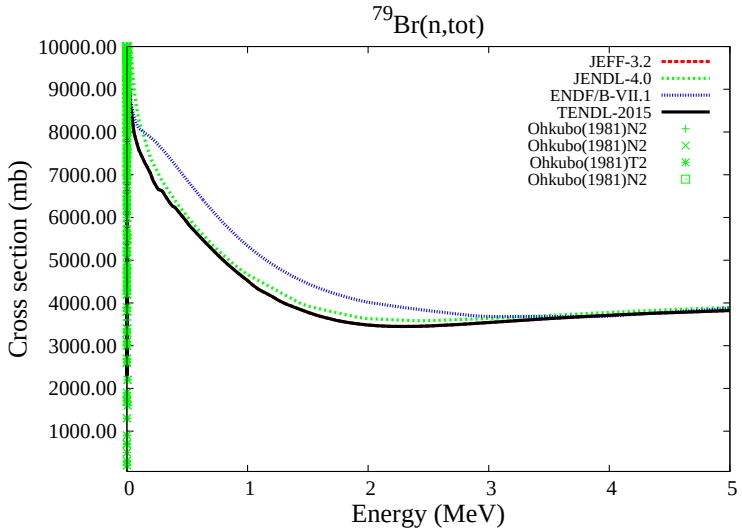

natBr(n,g)Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Popov(1962)R3
Meadows(1961)T1
Leipunskiy(1958)T2
Pomerance(1951)T1
Egelstaff(1950)T1
Cross section (mb)
Energy (MeV)

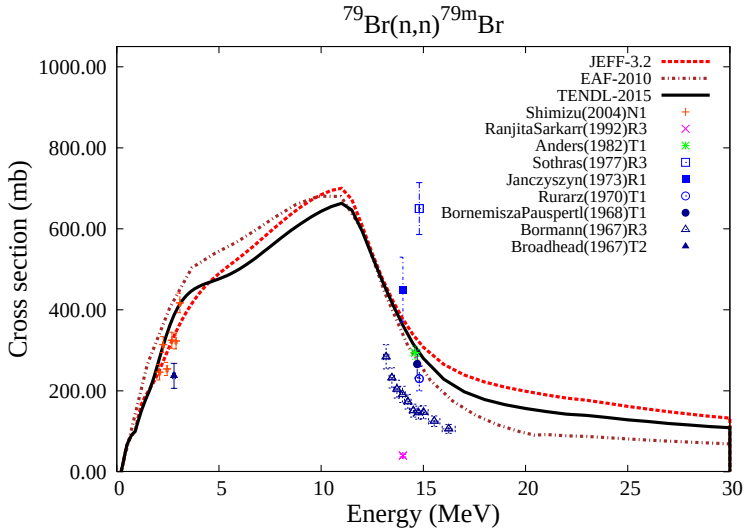

natBr(n,g)Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Popov(1962)R3
Meadows(1961)T1
Leipunskiy(1958)T2
Pomerance(1951)T1
Egelstaff(1950)T1
Cross section (mb)
Energy (MeV)

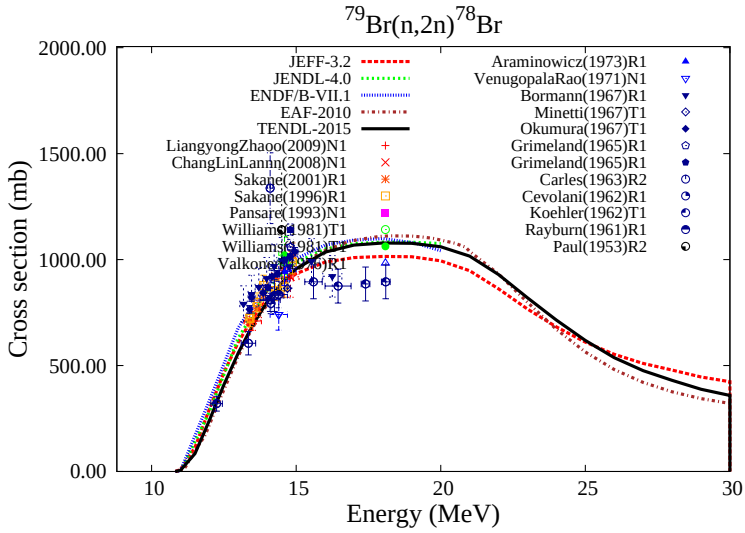

natBr(n,a)As
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Koenig(1965)T1
Cross section (mb)
Energy (MeV)

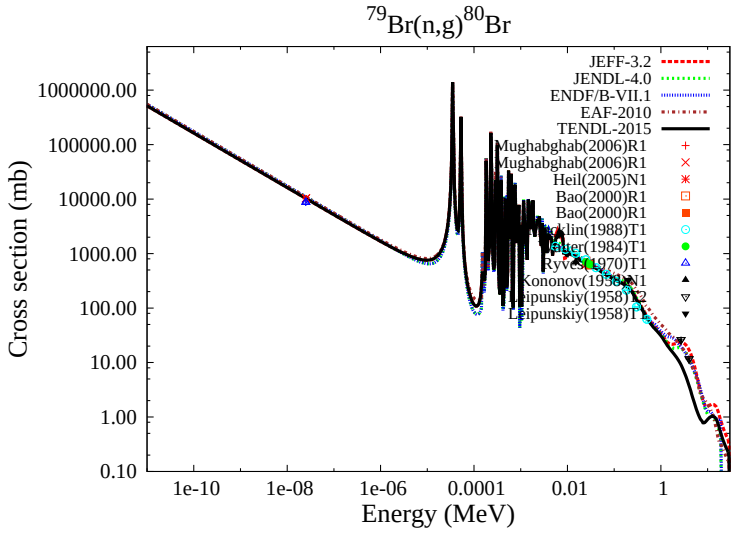

79Br(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Ohkubo(1981)N2
Ohkubo(1981)N2
Ohkubo(1981)T2
Ohkubo(1981)N2
Cross section (mb)
Energy (MeV)

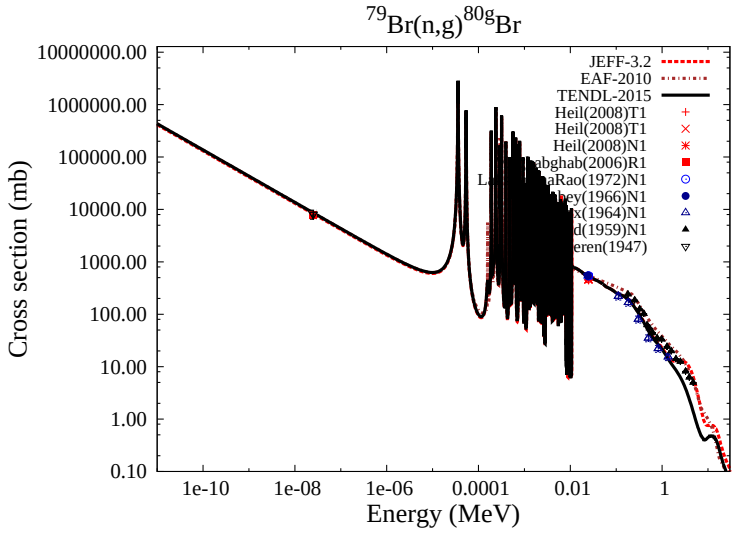

79Br(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Ohkubo(1981)N2
Ohkubo(1981)N2
Ohkubo(1981)T2
Ohkubo(1981)N2
Cross section (mb)
Energy (MeV)

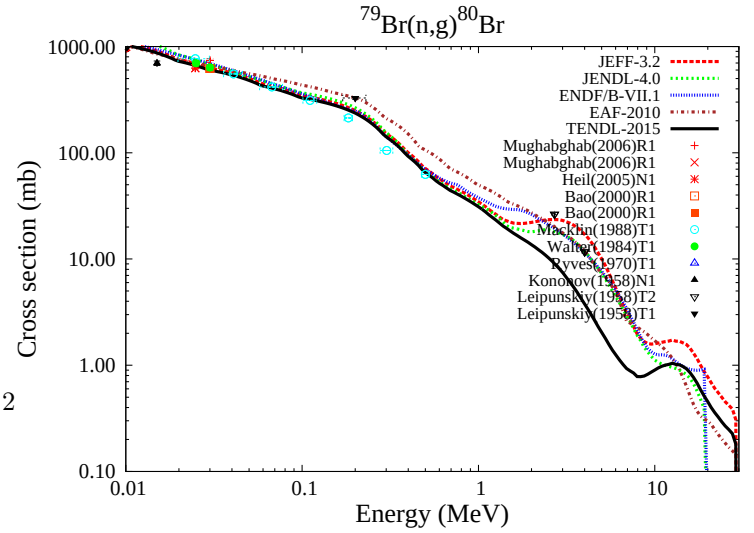

79Br(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Ohkubo(1981)N2
Ohkubo(1981)N2
Ohkubo(1981)T2
Ohkubo(1981)N2
Cross section (mb)
Energy (MeV)

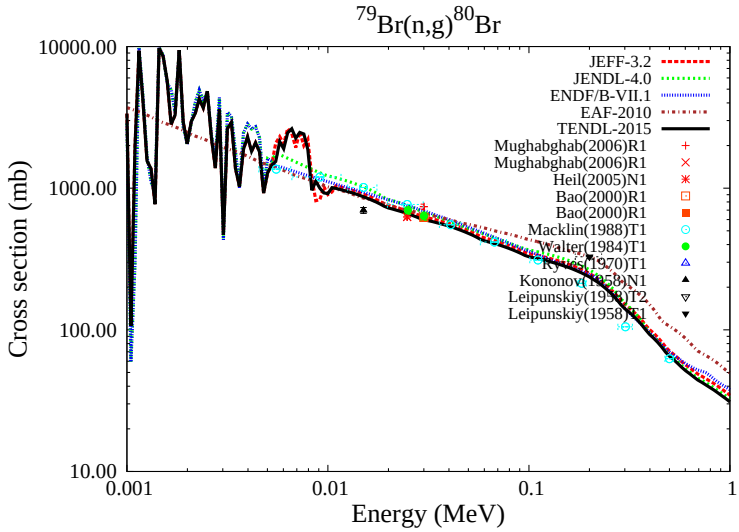

79Br(n,n)79mBr
JEFF-3.2
EAF-2010
TENDL-2015
Shimizu(2004)N1
RanjitaSarkarr(1992)R3
Anders(1982)T1
Sothras(1977)R3
Janczyszyn(1973)R1
Rurarz(1970)T1
BornemiszaPauspertl(1968)T1
Bormann(1967)R3
Broadhead(1967)T2
Cross section (mb)
Energy (MeV)

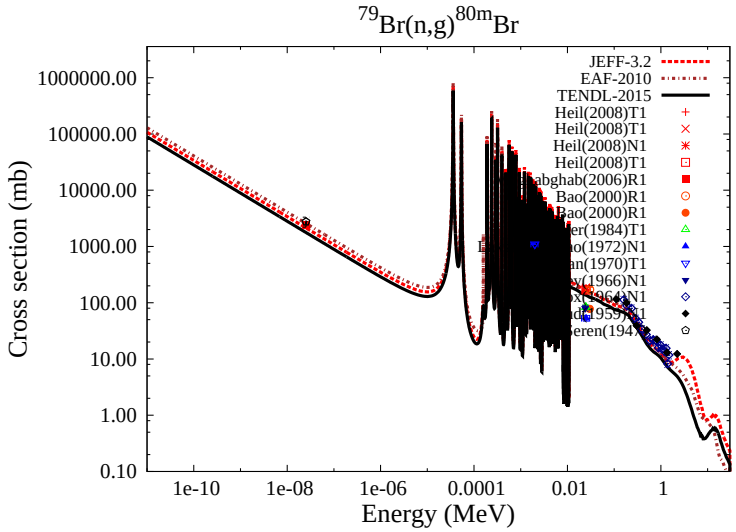

79Br(n,2n)78Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
LiangyongZhaoo(2009)N1
ChangLinLann(2008)N1
Sakane(2001)R1
Sakane(1996)R1
Pansare(1993)N1
Williams(1981)T1
Williams(1981)T1
Valkonen(1969)R1
Araminowicz(1973)R1
VenugopalaRao(1971)N1
Bormann(1967)R1
Minetti(1967)T1
Okumura(1967)T1
Grimeland(1965)R1
Grimeland(1965)R1
Carles(1963)R2
Cevolani(1962)R1
Koehler(1962)T1
Rayburn(1961)R1
Paul(1953)R2
Cross section (mb)
Energy (MeV)

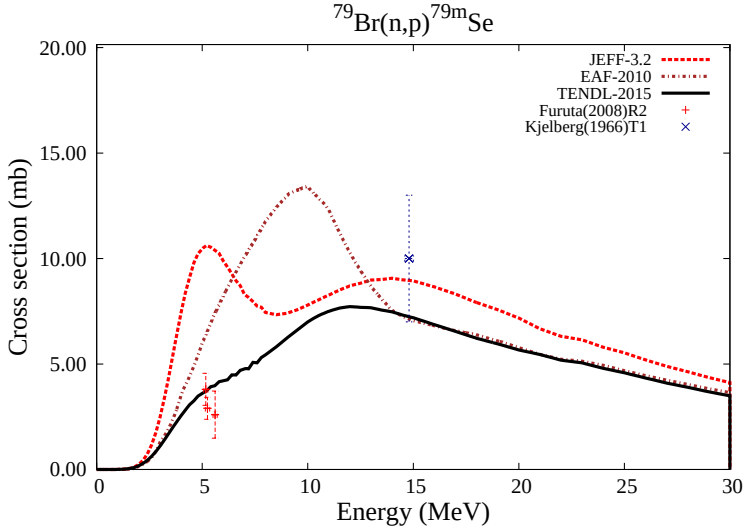

79Br(n,g)80Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Heil(2005)N1
Bao(2000)R1
Bao(2000)R1
Macklin(1988)T1
Walter(1984)T1
Ryves(1970)T1
Kononov(1958)N1
Leipunskiy(1958)T2
Leipunskiy(1958)T1
Cross section (mb)
Energy (MeV)

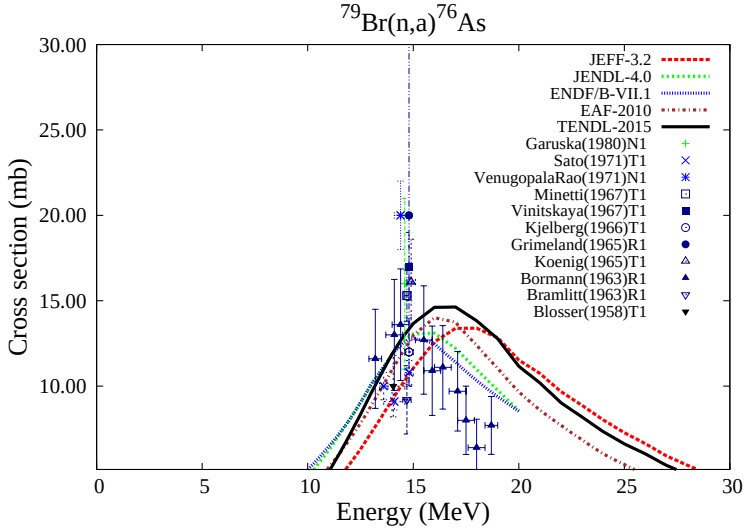

79Br(n,g)80gBr
JEFF-3.2
EAF-2010
TENDL-2015
Heil(2008)T1
Heil(2008)T1
Heil(2008)N1
Cross section (mb)
Energy (MeV)

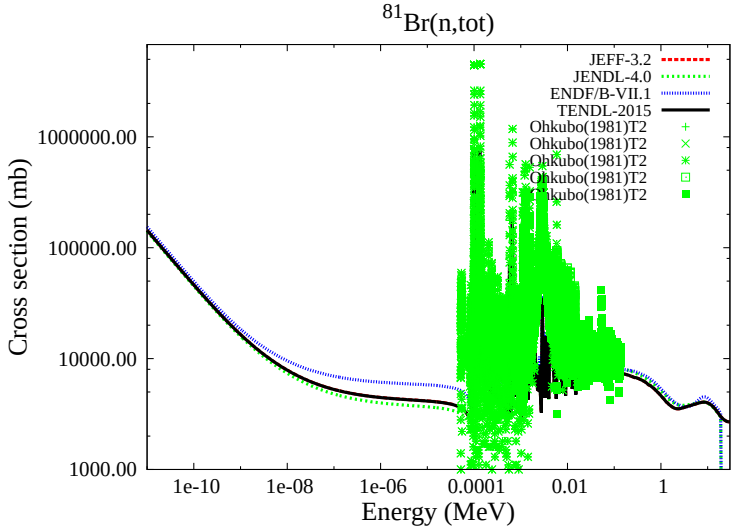

79Br(n,g)80Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Heil(2005)N1
Bao(2000)R1
Bao(2000)R1
Macklin(1988)T1
Walter(1984)T1
Ryves(1970)T1
Kononov(1958)N1
Leipunskiy(1958)T2
Leipunskiy(1958)T1
Cross section (mb)
Energy (MeV)

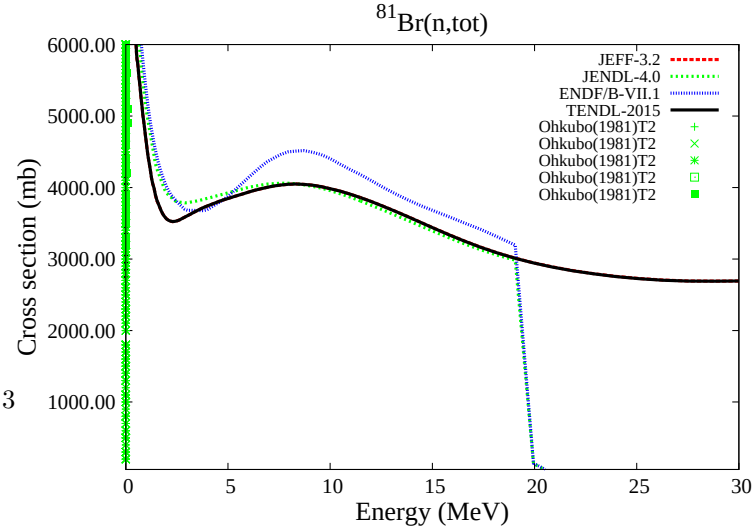

^{79}Br(n,g)^{80}Br
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Mughabghab(2006)R1
Heil(2005)N1
Bao(2000)R1
Bao(2000)R1
Macklin(1988)T1
Walter(1984)T1
Kononov(1958)N1
Leipunskiy(1958)T2
Leipunskiy(1958)T1

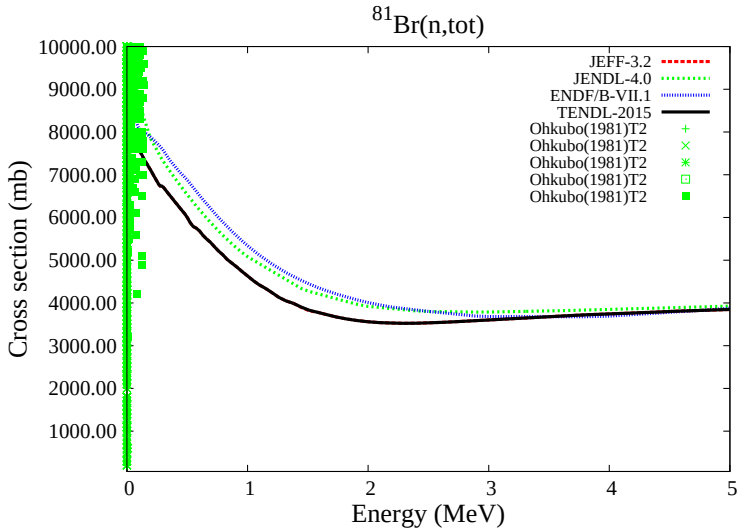

^{79}Br(n,g)^{80m}Br
Cross section (mb)
Energy (MeV)
JEFF-3.2
EAF-2010
TENDL-2015
Heil(2008)T1
Heil(2008)T1
Heil(2008)N1
Heil(2008)T1
Bao(2000)R1
Bao(2000)R1

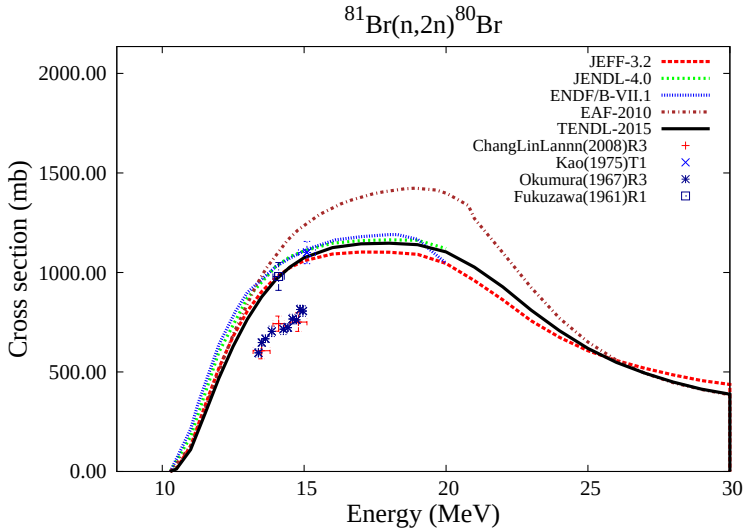

^{79}Br(n,p)^{79m}Se
Cross section (mb)
Energy (MeV)
JEFF-3.2
EAF-2010
TENDL-2015
Furuta(2008)R2
Kjelberg(1966)T1

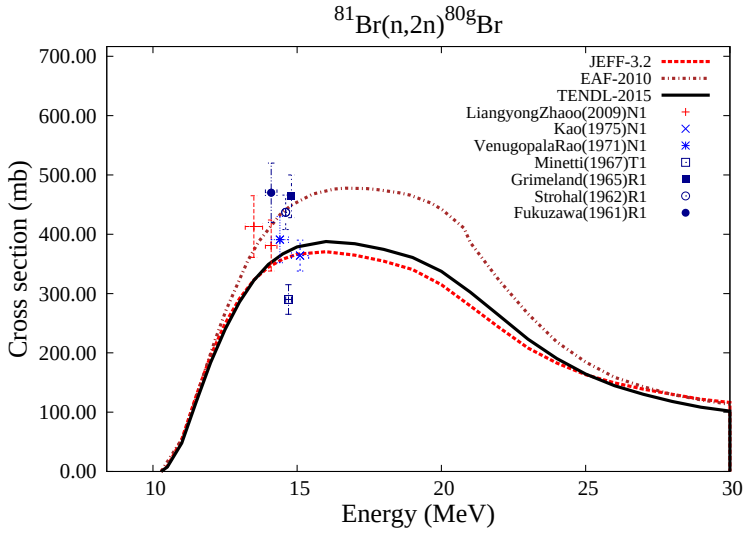

^{79}Br(n,a)^{76}As
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Garuska(1980)N1
Sato(1971)T1
VenugopalaRao(1971)N1
Minetti(1967)T1
Vinitskaya(1967)T1
Kjelberg(1966)T1
Grimeland(1965)R1
Koenig(1965)T1
Bormann(1963)R1
Bramlitt(1963)R1
Blosser(1958)T1

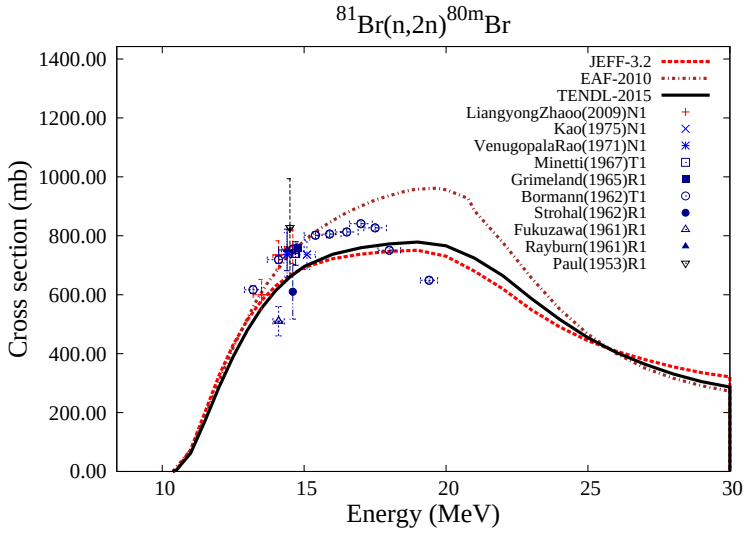

^{81}Br(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2

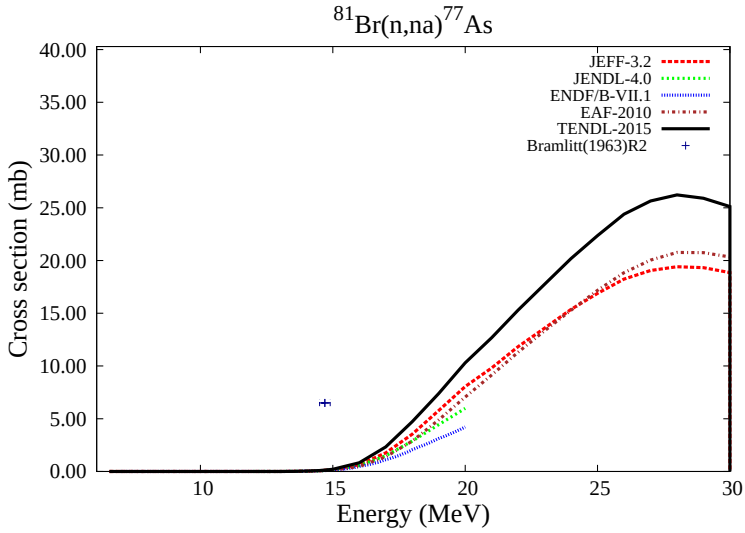

^{81}Br(n,tot)
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2

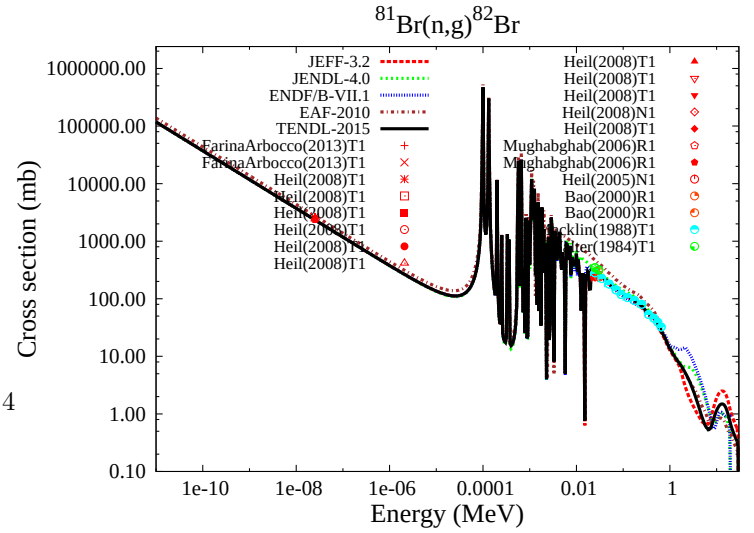

^{81}Br(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Ohkubo(1981)T2
Cross section (mb)
Energy (MeV)

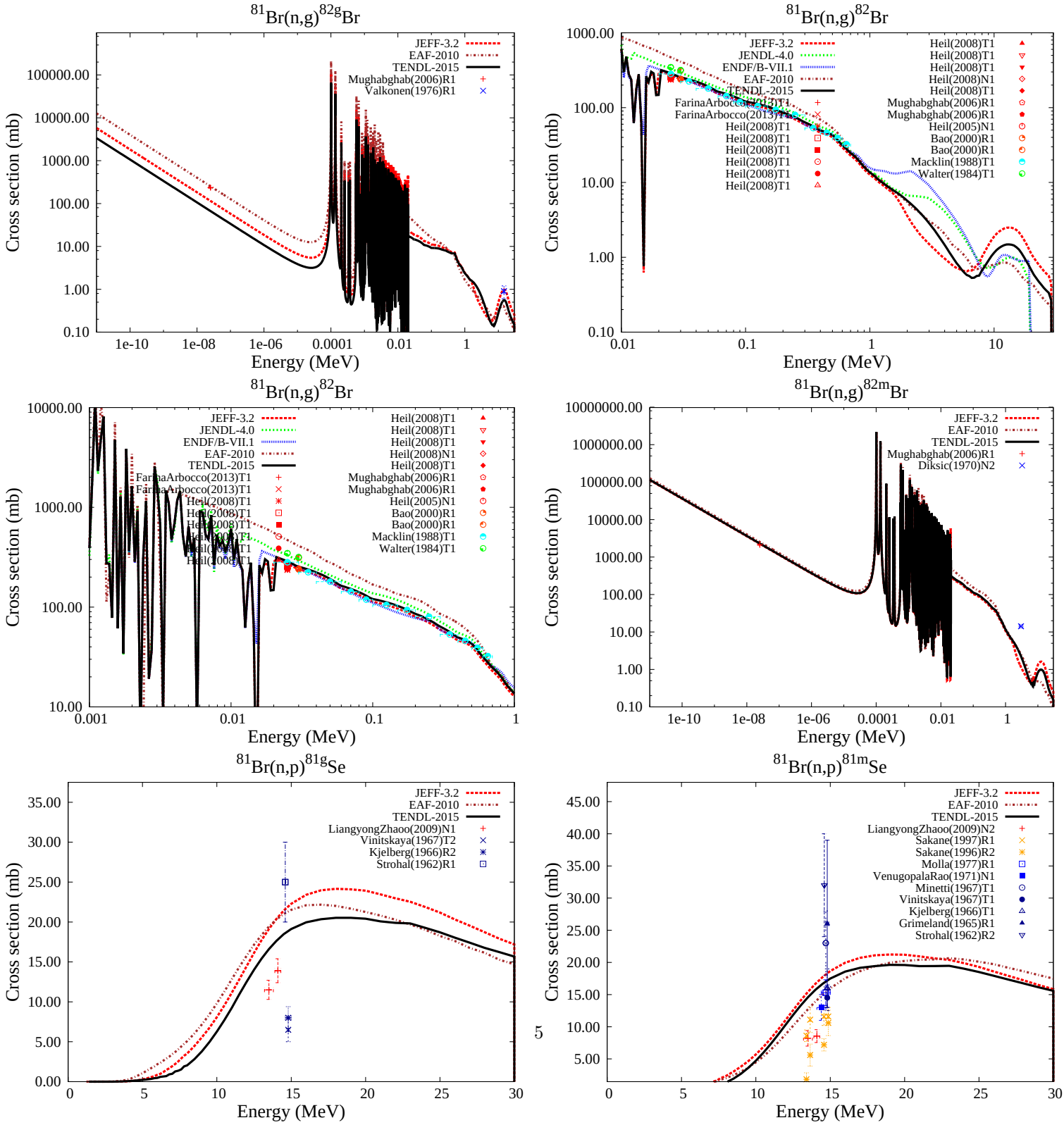

^{81}Br(n,2n)^{80}Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
ChangLinLannn(2008)R3
Kao(1975)T1
Okumura(1967)R3
Fukuzawa(1961)R1
Cross section (mb)
Energy (MeV)

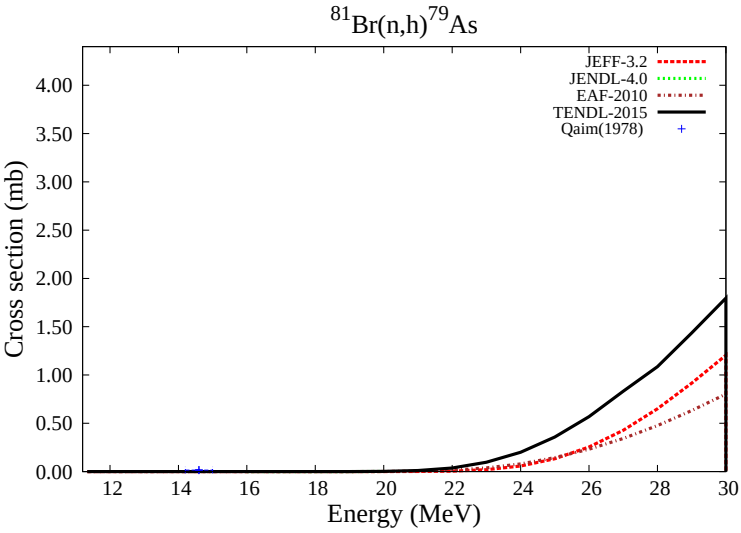

^{81}Br(n,2n)^{80g}Br
JEFF-3.2
EAF-2010
TENDL-2015
LiangyongZhaoo(2009)N1
Kao(1975)N1
VenugopalaRao(1971)N1
Minetti(1967)T1
Grimeland(1965)R1
Strohal(1962)R1
Fukuzawa(1961)R1
Cross section (mb)
Energy (MeV)

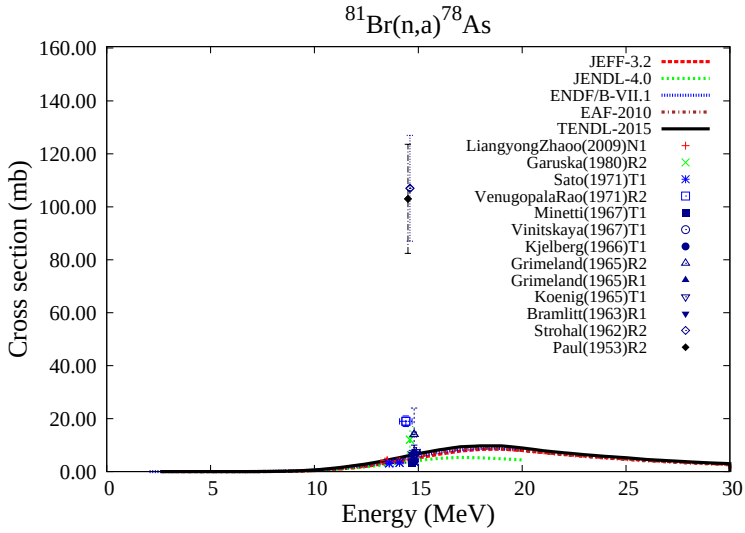

^{81}Br(n,2n)^{80m}Br
JEFF-3.2
EAF-2010
TENDL-2015
LiangyongZhaoo(2009)N1
Kao(1975)N1
VenugopalaRao(1971)N1
Minetti(1967)T1
Grimeland(1965)R1
Bormann(1962)T1
Strohal(1962)R1
Fukuzawa(1961)R1
Rayburn(1961)R1
Paul(1953)R1
Cross section (mb)
Energy (MeV)


^{81}Br(n,na)^{77}As
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
Bramlitt(1963)R2
Cross section (mb)
Energy (MeV)


^{81}Br(n,g)^{82}Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
FarinaArbocco(2013)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)T1
Heil(2008)N1
Heil(2008)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Heil(2005)N1
Bao(2000)R1
Bao(2000)R1
Bucklin(1988)T1
Winter(1984)T1
Cross section (mb)
Energy (MeV)


^{81}Br(n,g)^{82g}Br
JEFF-3.2
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Valkonen(1976)R1
Cross section (mb)
Energy (MeV)
^{81}Br(n,g)^{82}Br
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
FarinaArbocco(2013)T1
Heil(2008)T1
Mughabghab(2006)R1
Heil(2005)N1
Bao(2000)R1
Macklin(1988)T1
Walter(1984)T1
Cross section (mb)
Energy (MeV)
^{81}Br(n,g)^{82m}Br
JEFF-3.2
EAF-2010
TENDL-2015
Mughabghab(2006)R1
Diksic(1970)N2
Cross section (mb)
Energy (MeV)
^{81}Br(n,p)^{81g}Se
JEFF-3.2
EAF-2010
TENDL-2015
LiangyongZhaoo(2009)N1
Vinitskaya(1967)T2
Kjelberg(1966)R2
Strohal(1962)R1
Cross section (mb)
Energy (MeV)
^{81}Br(n,p)^{81m}Se
JEFF-3.2
EAF-2010
TENDL-2015
LiangyongZhaoo(2009)N2
Sakane(1997)R1
Sakane(1996)R2
Molla(1977)R1
VenugopalaRao(1971)N1
Minetti(1967)T1
Vinitskaya(1967)T1
Kjelberg(1966)T1
Grimeland(1965)R1
Strohal(1962)R2
Cross section (mb)
Energy (MeV)


^{81}Br(n,h)^{79}As
JEFF-3.2
JENDL-4.0
EAF-2010
TENDL-2015
Qaim(1978)
Cross section (mb)
Energy (MeV)
0.00
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
12
14
16
18
20
22
24
26
28
30


^{81}Br(n,a)^{78}As
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
EAF-2010
TENDL-2015
LiangyongZhaoo(2009)N1
Garuska(1980)R2
Sato(1971)T1
VenugopalaRao(1971)R2
Minetti(1967)T1
Vinitskaya(1967)T1
Kjelberg(1966)T1
Grimeland(1965)R2
Grimeland(1965)R1
Koenig(1965)T1
Bramlitt(1963)R1
Strohal(1962)R2
Paul(1953)R2
Cross section (mb)
Energy (MeV)
0.00
20.00
40.00
60.00
80.00
100.00
120.00
140.00
160.00
0
5
10
15
20
25
30