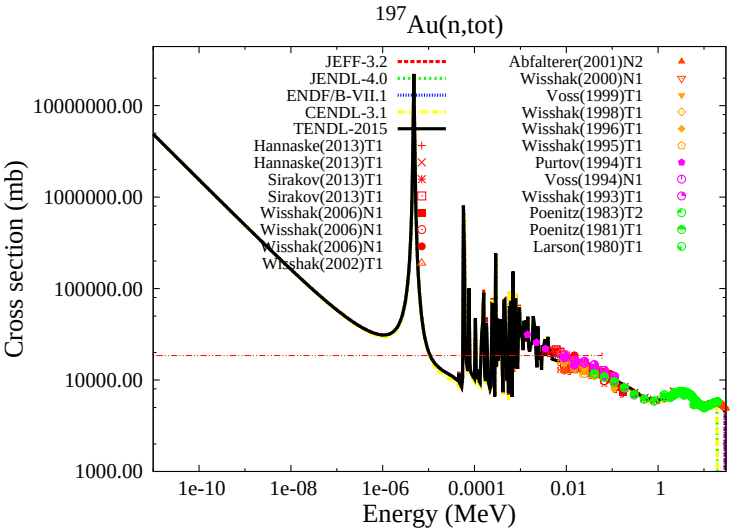
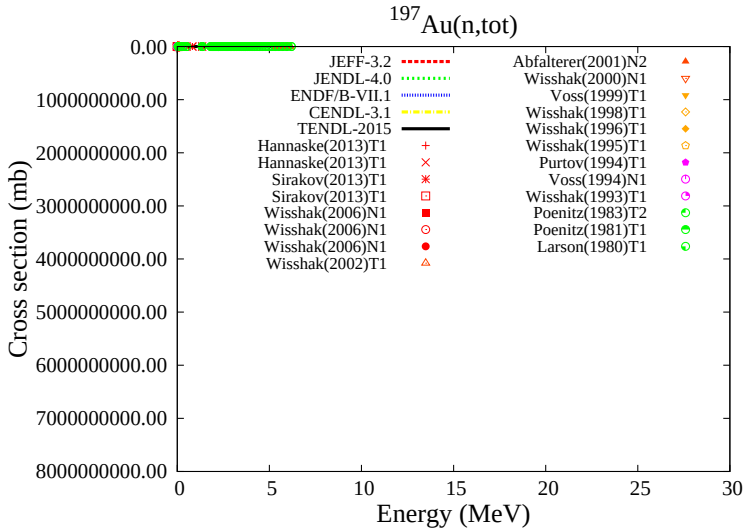
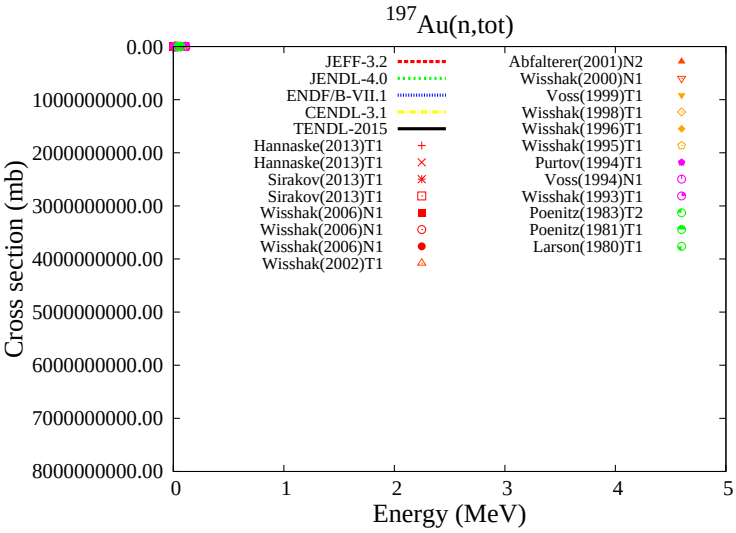
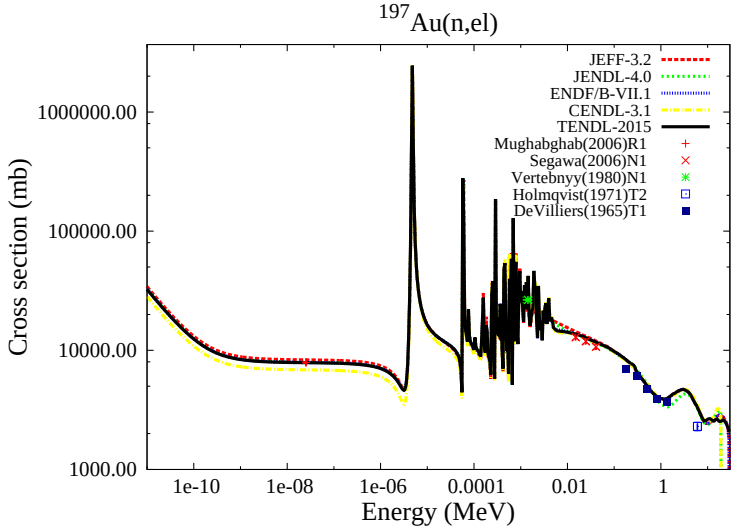
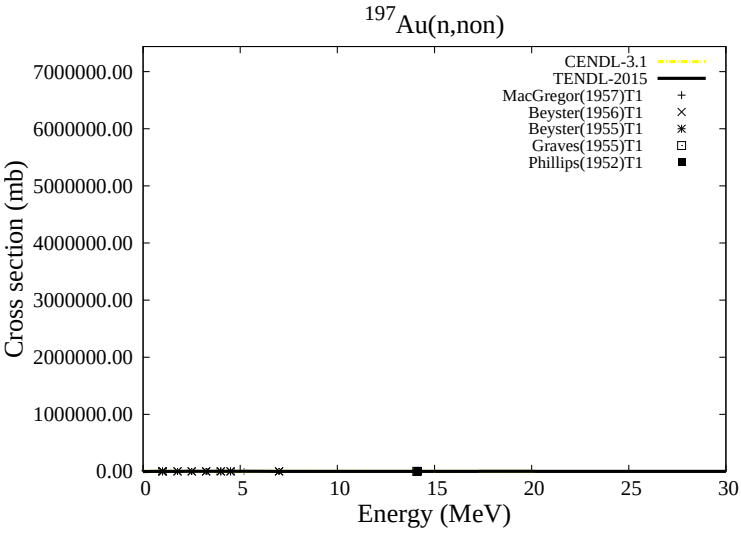
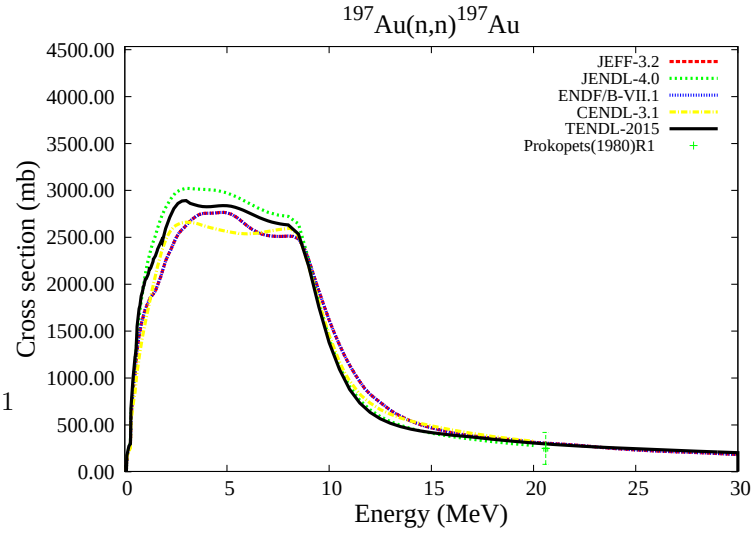

197Au(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Hannaske(2013)T1
Hannaske(2013)T1
Sirakov(2013)T1
Sirakov(2013)T1
Wisshak(2006)N1
Wisshak(2006)N1
Wisshak(2006)N1
Wisshak(2002)T1
Abfalterer(2001)N2
Wisshak(2000)N1
Voss(1999)T1
Wisshak(1998)T1
Wisshak(1996)T1
Wisshak(1995)T1
Purtov(1994)T1
Voss(1994)N1
Wisshak(1993)T1
Poenitz(1983)T2
Poenitz(1981)T1
Larson(1980)T1
Cross section (mb)
Energy (MeV)

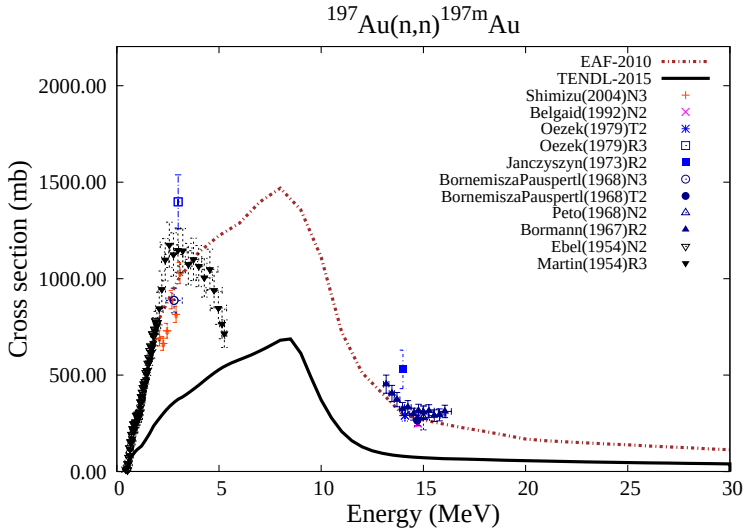

197Au(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Hannaske(2013)T1
Hannaske(2013)T1
Sirakov(2013)T1
Sirakov(2013)T1
Wisshak(2006)N1
Wisshak(2006)N1
Wisshak(2006)N1
Wisshak(2002)T1
Abfalterer(2001)N2
Wisshak(2000)N1
Voss(1999)T1
Wisshak(1998)T1
Wisshak(1996)T1
Wisshak(1995)T1
Purtov(1994)T1
Voss(1994)N1
Wisshak(1993)T1
Poenitz(1983)T2
Poenitz(1981)T1
Larson(1980)T1
Cross section (mb)
Energy (MeV)

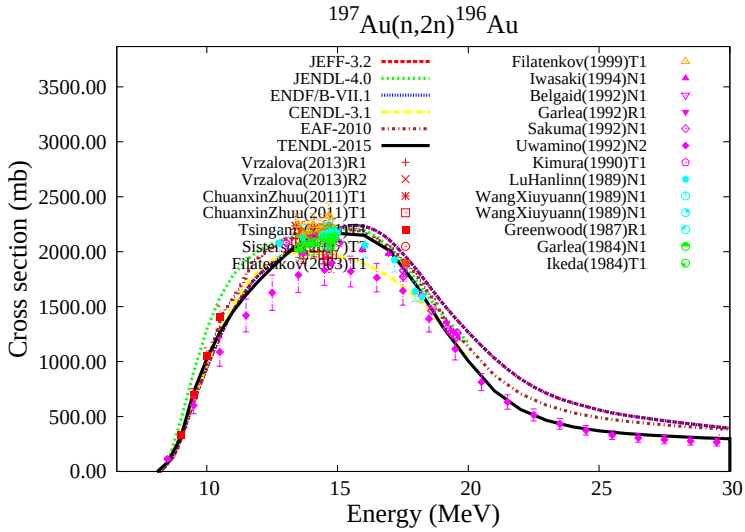

197Au(n,tot)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Hannaske(2013)T1
Hannaske(2013)T1
Sirakov(2013)T1
Sirakov(2013)T1
Wisshak(2006)N1
Wisshak(2006)N1
Wisshak(2006)N1
Wisshak(2002)T1
Abfalterer(2001)N2
Wisshak(2000)N1
Voss(1999)T1
Wisshak(1998)T1
Wisshak(1996)T1
Wisshak(1995)T1
Purtov(1994)T1
Voss(1994)N1
Wisshak(1993)T1
Poenitz(1983)T2
Poenitz(1981)T1
Larson(1980)T1
Cross section (mb)
Energy (MeV)

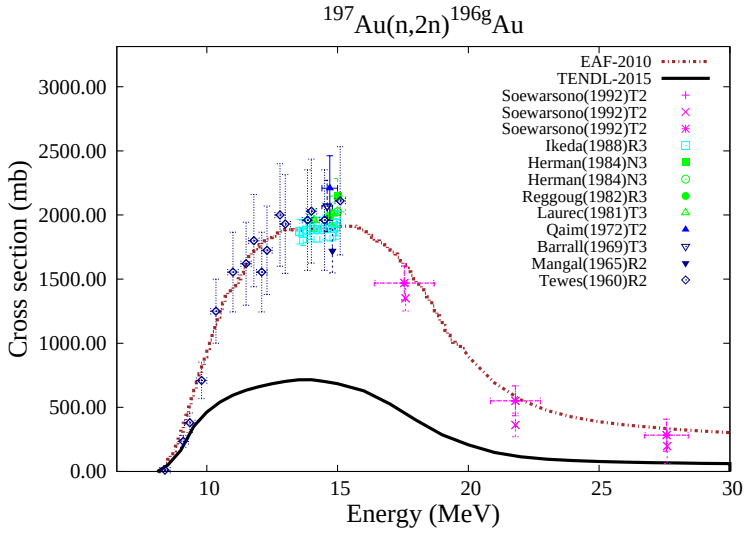

197Au(n,el)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Mughabghab(2006)R1
Segawa(2006)N1
Vertebnyy(1980)N1
Holmqvist(1971)T2
DeVilliers(1965)T1
Cross section (mb)
Energy (MeV)

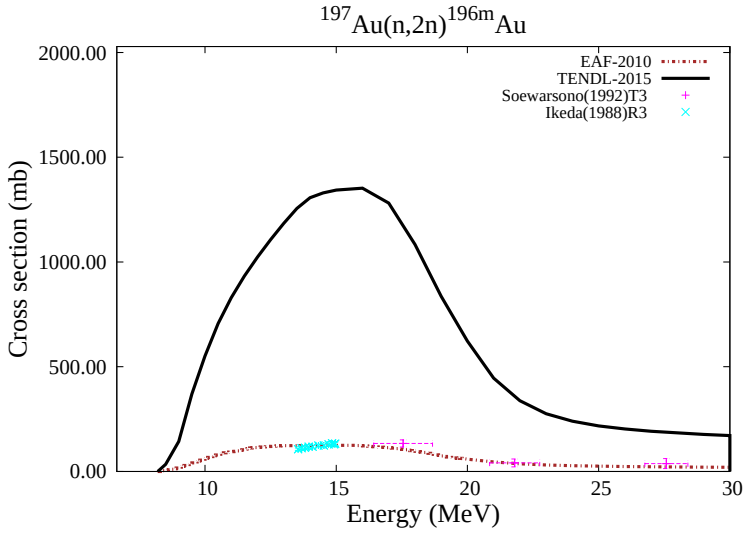

197Au(n,non)
CENDL-3.1
TENDL-2015
MacGregor(1957)T1
Beyster(1956)T1
Beyster(1955)T1
Graves(1955)T1
Phillips(1952)T1
Cross section (mb)
Energy (MeV)

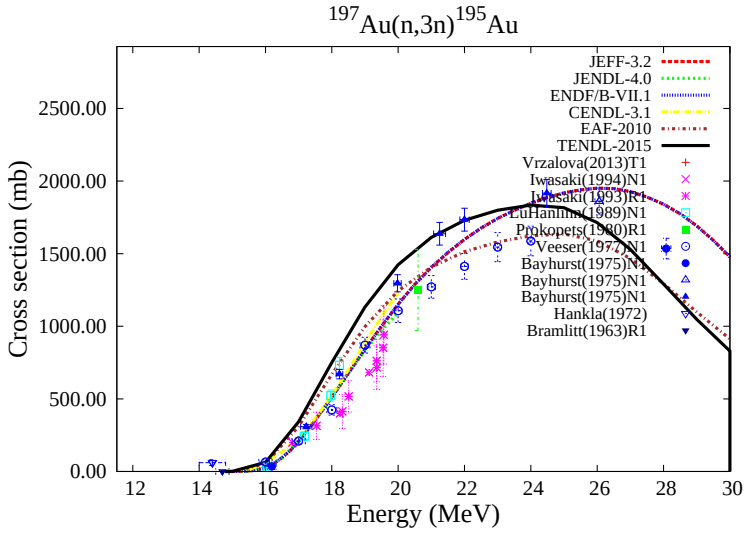

197Au(n,n)197Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
Prokopets(1980)R1
Cross section (mb)
Energy (MeV)

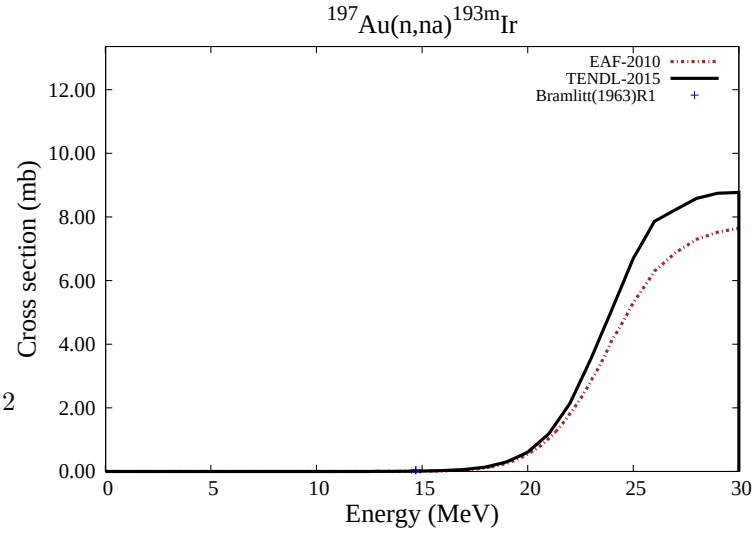

^{197}Au(n,n)^{197m}Au
EAF-2010
TENDL-2015
Shimizu(2004)N3
Belgaid(1992)N2
Oezek(1979)T2
Oezek(1979)R3
Janczyszyn(1973)R2
BornemiszaPauspertl(1968)N3
BornemiszaPauspertl(1968)T2
Peto(1968)N2
Bormann(1967)R2
Ebel(1954)N2
Martin(1954)R3
Cross section (mb)
Energy (MeV)

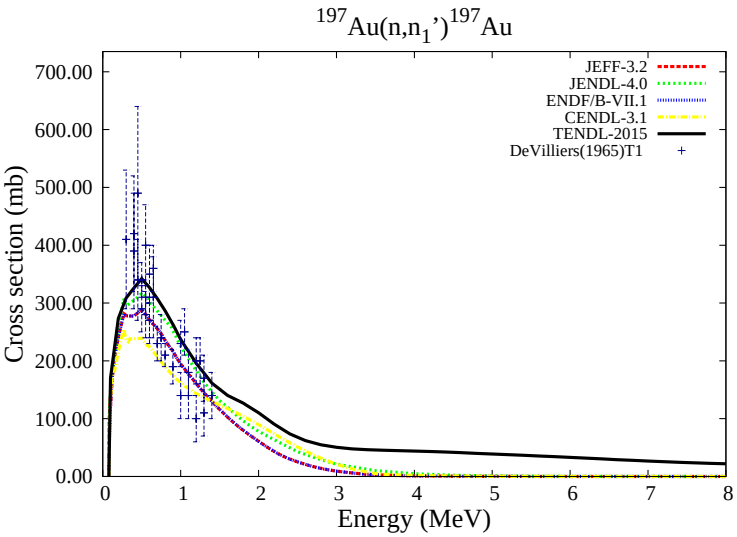

^{197}Au(n,2n)^{196}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Vrzalova(2013)R1
Vrzalova(2013)R2
ChuanxinZhuu(2011)T1
ChuanxinZhuu(2011)T1
Filatenkov(1999)T1
Iwasaki(1994)N1
Belgaid(1992)N1
Garlea(1992)R1
Sakuma(1992)N1
Uwamino(1992)N2
Kimura(1990)T1
LuHanlinn(1989)N1
WangXiuyuann(1989)N1
WangXiuyuann(1989)N1
Greenwood(1987)R1
Garlea(1984)N1
Ikeda(1984)T1
Cross section (mb)
Energy (MeV)

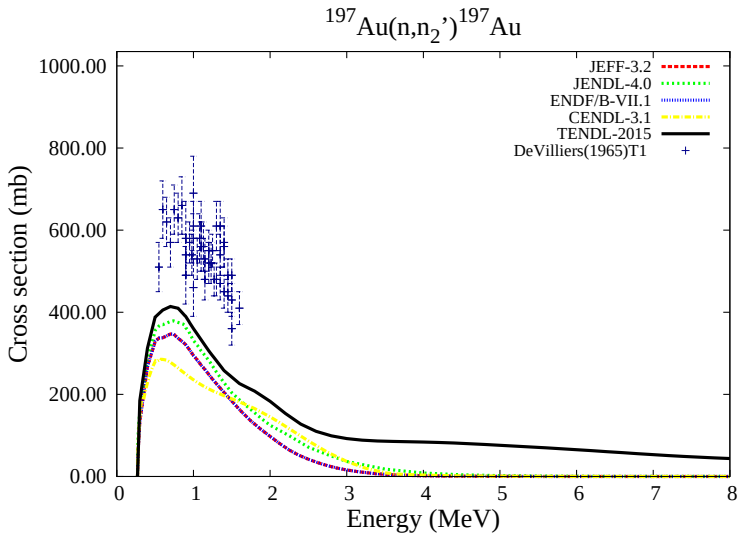

^{197}Au(n,2n)^{196g}Au
EAF-2010
TENDL-2015
Soewarsono(1992)T2
Soewarsono(1992)T2
Soewarsono(1992)T2
Ikeda(1988)R3
Herman(1984)N3
Herman(1984)N3
Reggoug(1982)R3
Laurec(1981)T3
Qaim(1972)T2
Barrall(1969)T3
Mangal(1965)R2
Tewes(1960)R2
Cross section (mb)
Energy (MeV)

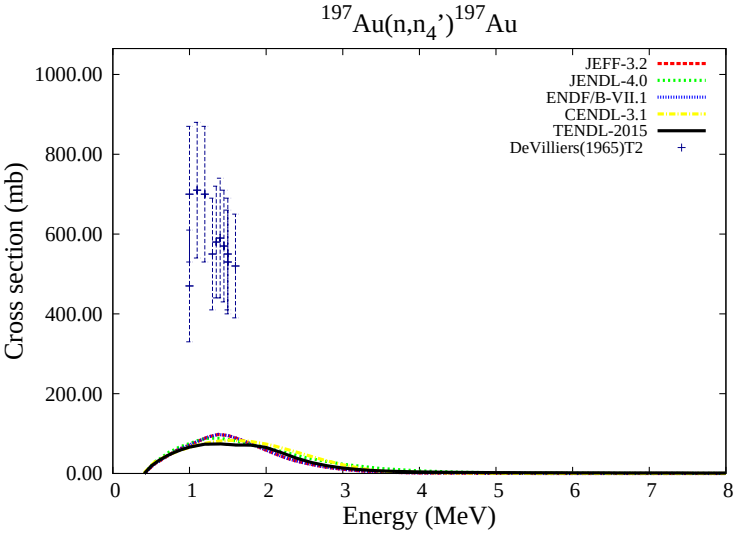

^{197}Au(n,2n)^{196m}Au
EAF-2010
TENDL-2015
Soewarsono(1992)T3
Ikeda(1988)R3
Cross section (mb)
Energy (MeV)

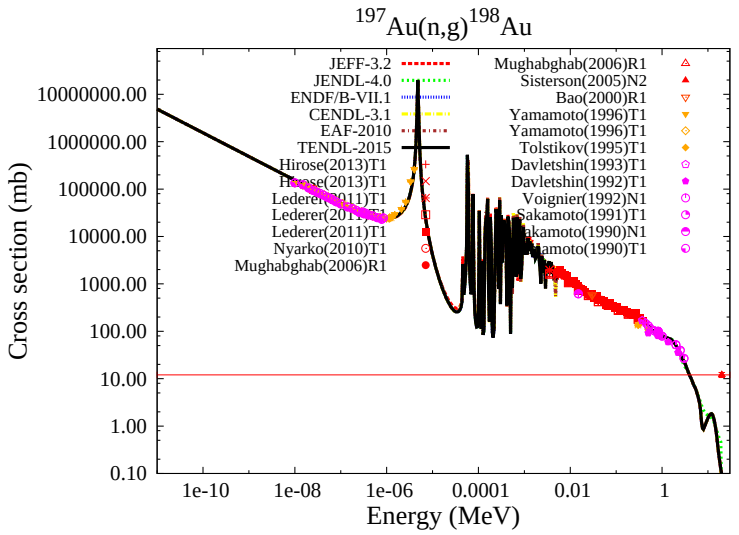

^{197}Au(n,3n)^{195}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Vrzalova(2013)T1
Iwasaki(1994)N1
Iwasaki(1993)R1
LuHanlinn(1989)N1
Prokopets(1980)R1
Veeser(1977)N1
Bayhurst(1975)N1
Bayhurst(1975)N1
Bayhurst(1975)N1
Hankla(1972)
Bramlitt(1963)R1
Cross section (mb)
Energy (MeV)

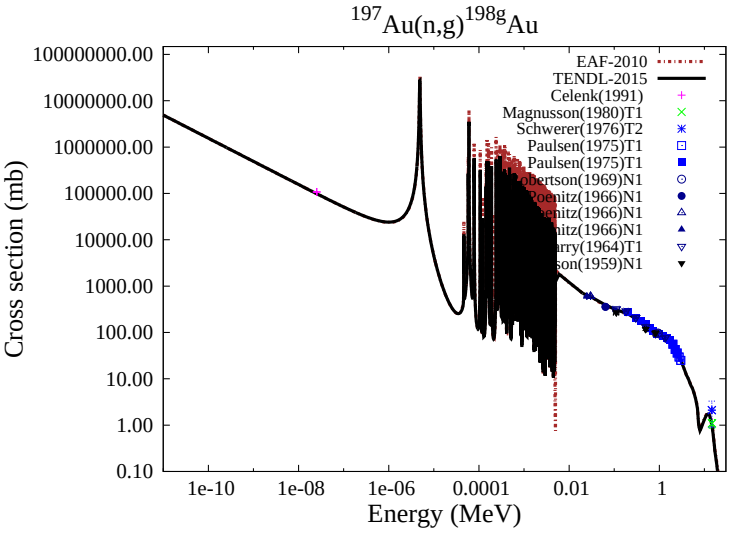

^{197}Au(n,na)^{193m}Ir
EAF-2010
TENDL-2015
Bramlitt(1963)R1
Cross section (mb)
Energy (MeV)

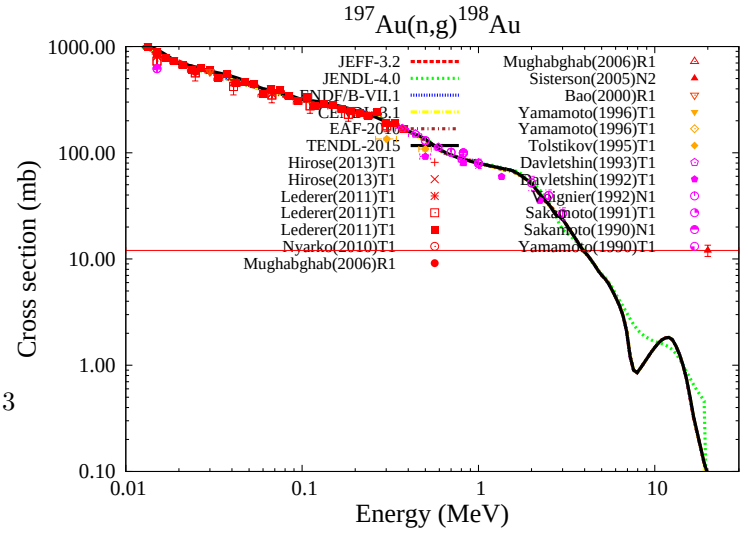

^{197}Au(n,n$_1$')^{197}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
DeVilliers(1965)T1
Cross section (mb)
Energy (MeV)

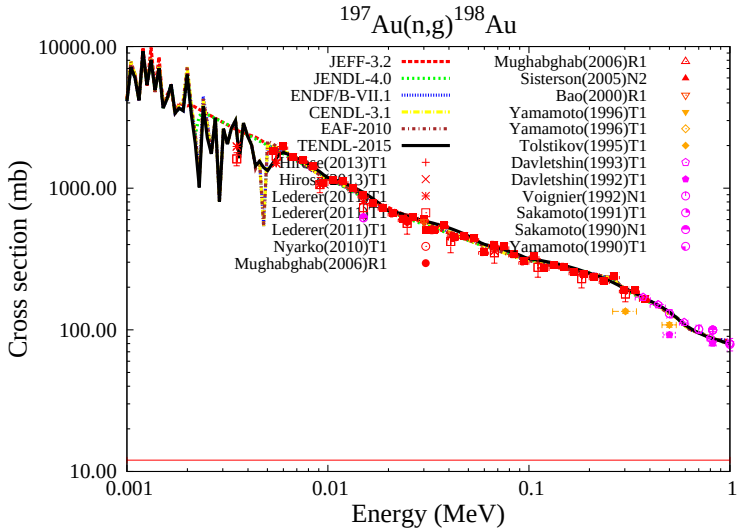

^{197}Au(n,n$_2$')^{197}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
DeVilliers(1965)T1
Cross section (mb)
Energy (MeV)

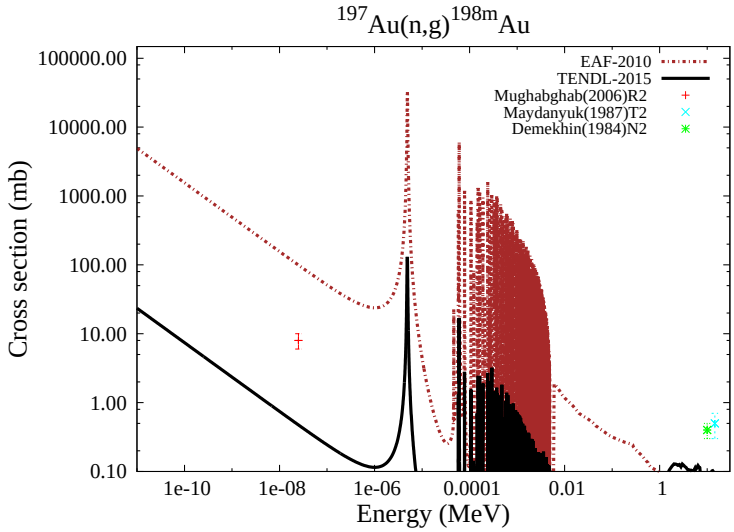

^{197}Au(n,n$_4$')^{197}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
TENDL-2015
DeVilliers(1965)T2
Cross section (mb)
Energy (MeV)

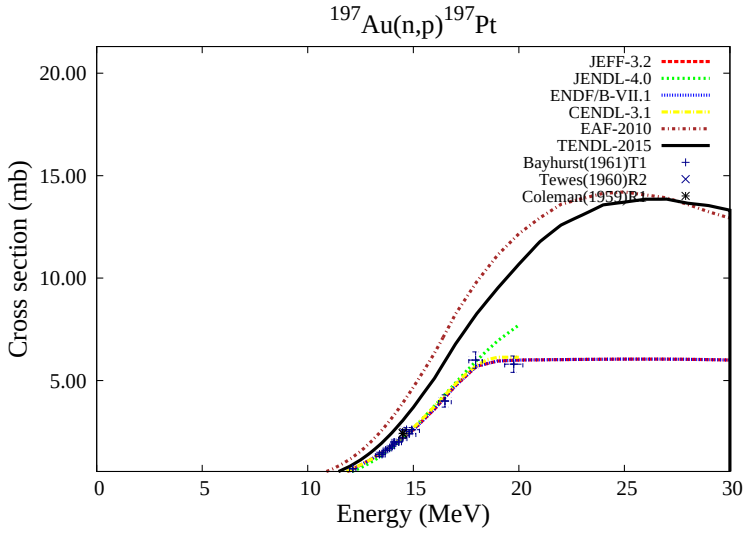

^{197}Au(n,g)^{198}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Hirose(2013)T1
Lederer(2011)T1
Nyarko(2010)T1
Mughabghab(2006)R1
Sisterson(2005)N2
Bao(2000)R1
Yamamoto(1996)T1
Tolstikov(1995)T1
Davletshin(1993)T1
Davletshin(1992)T1
Voignier(1992)N1
Sakamoto(1991)T1
Cross section (mb)
Energy (MeV)

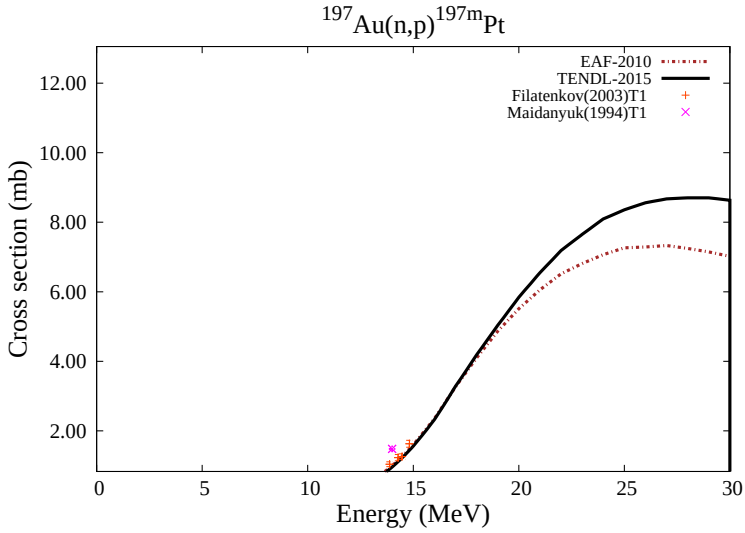

^{197}Au(n,g)^{198g}Au
EAF-2010
TENDL-2015
Celenk(1991)
Magnusson(1980)T1
Schwerer(1976)T2
Paulsen(1975)T1
Cross section (mb)
Energy (MeV)

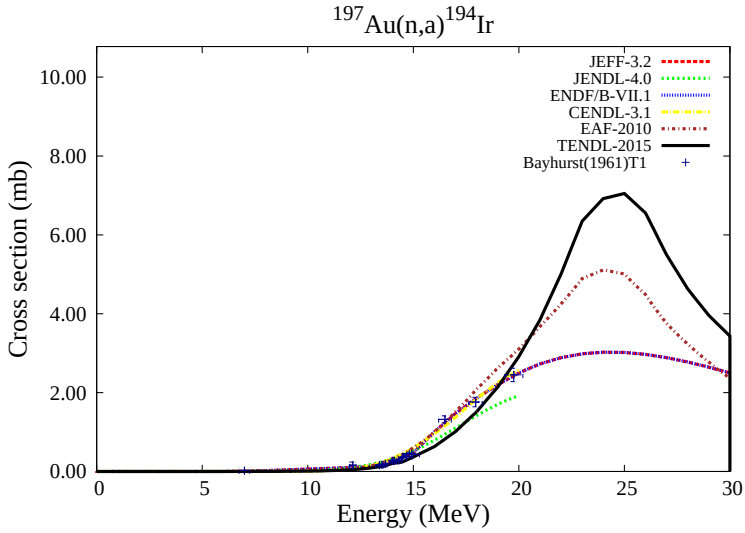

^{197}Au(n,g)^{198}Au
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
TENDL-2015
Hirose(2013)T1
Lederer(2011)T1
Nyarko(2010)T1
Mughabghab(2006)R1
Sisterson(2005)N2
Bao(2000)R1
Yamamoto(1996)T1
Tolstikov(1995)T1
Davletshin(1993)T1
Davletshin(1992)T1
Voignier(1992)N1
Sakamoto(1991)T1
Sakamoto(1990)N1
Yamamoto(1990)T1
Cross section (mb)
Energy (MeV)

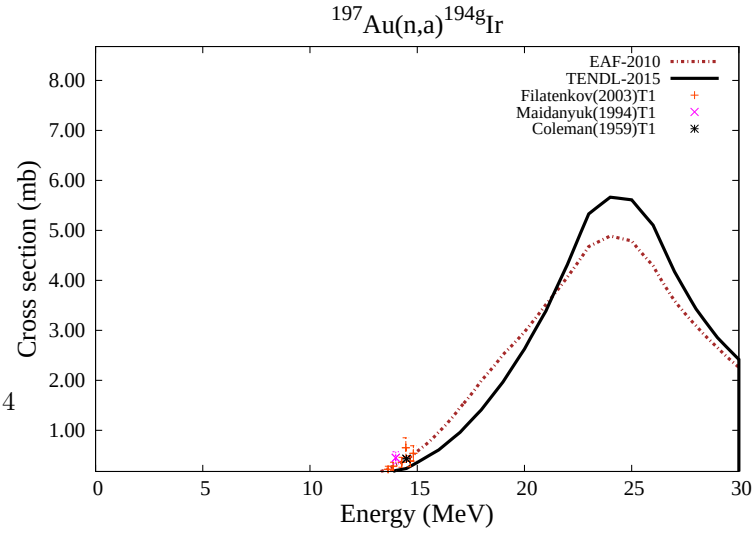

197Au(n,g)198Au
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Hirose(2013)T1
Hirose(2013)T1
Lederer(2011)T1
Lederer(2011)T1
Lederer(2011)T1
Nyarko(2010)T1
Mughabghab(2006)R1
Mughabghab(2006)R1
Sisterson(2005)N2
Bao(2000)R1
Yamamoto(1996)T1
Yamamoto(1996)T1
Tolstikov(1995)T1
Davletshin(1993)T1
Davletshin(1992)T1
Voignier(1992)N1
Sakamoto(1991)T1
Sakamoto(1990)N1
Yamamoto(1990)T1

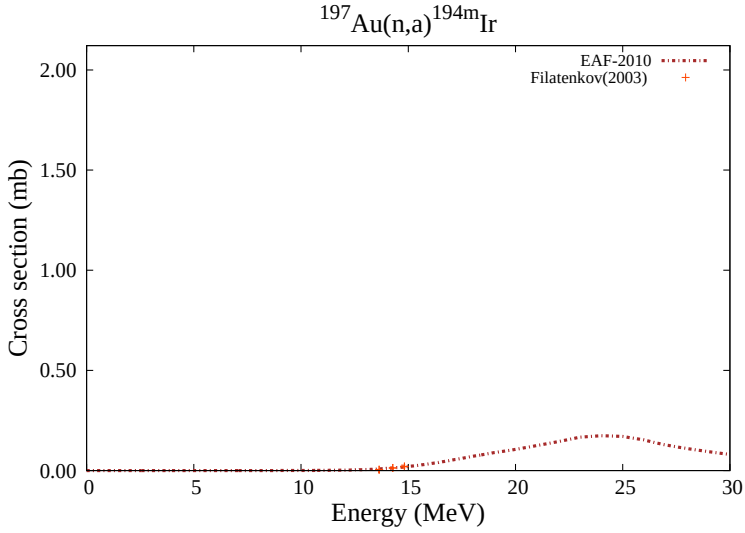

197Au(n,g)198mAu
Cross section (mb)
Energy (MeV)
EAF-2010
TENDL-2015
Mughabghab(2006)R2
Maydanyuk(1987)T2
Demekhin(1984)N2

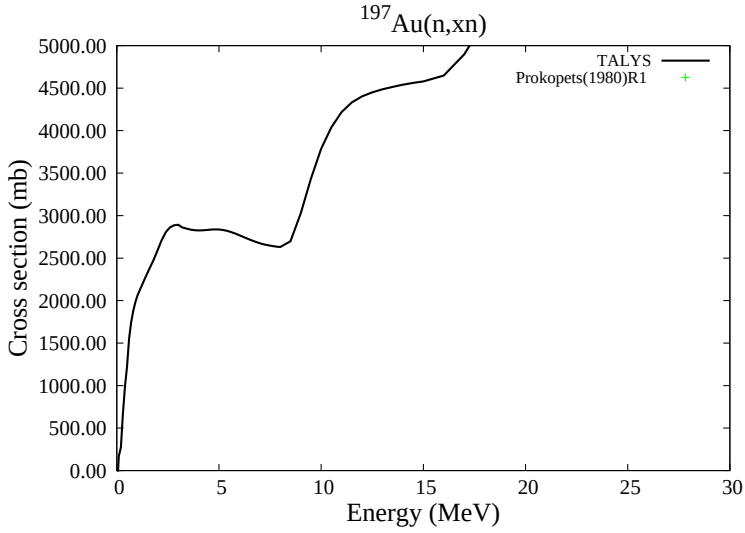

197Au(n,p)197Pt
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Bayhurst(1961)T1
Tewes(1960)R2
Coleman(1959)T1

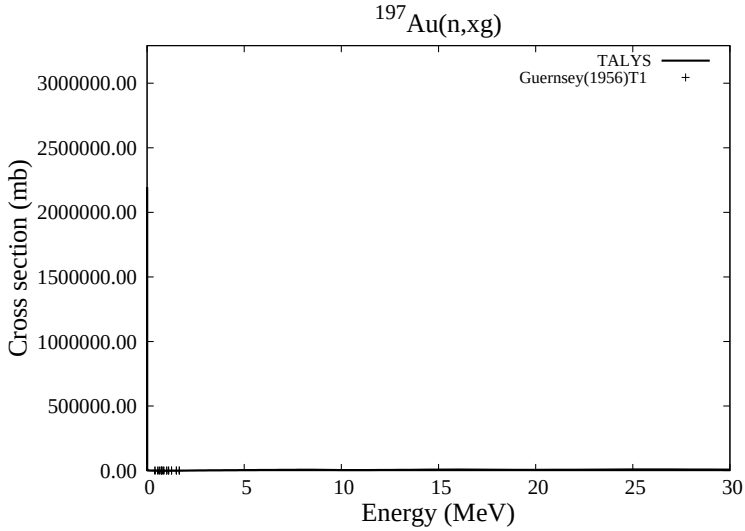

197Au(n,p)197mPt
Cross section (mb)
Energy (MeV)
EAF-2010
TENDL-2015
Filatenkov(2003)T1
Maidanyuk(1994)T1

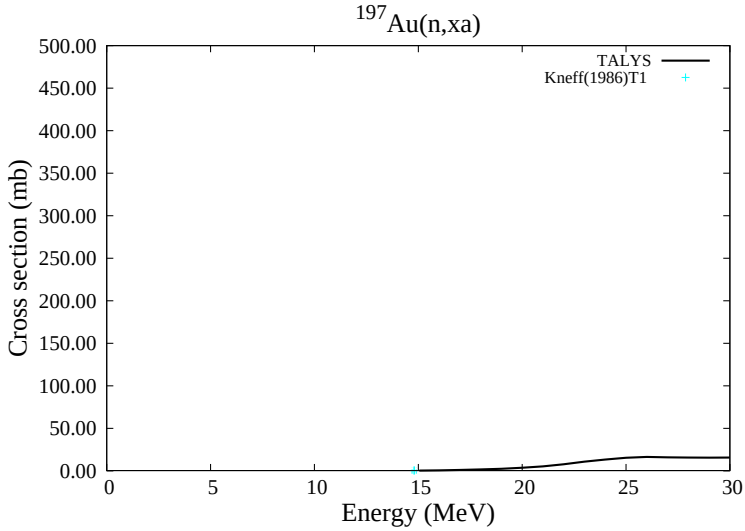

197Au(n,a)194Ir
Cross section (mb)
Energy (MeV)
JEFF-3.2
JENDL-4.0
ENDF/B-VII.1
CENDL-3.1
EAF-2010
TENDL-2015
Bayhurst(1961)T1


197Au(n,a)194gIr
Cross section (mb)
Energy (MeV)
EAF-2010
TENDL-2015
Filatenkov(2003)T1
Maidanyuk(1994)T1
Coleman(1959)T1


^{197}Au(n,a)^{194m}Ir
EAF-2010
Filatenkov(2003)
Cross section (mb)
Energy (MeV)


^{197}Au(n,xn)
TALYS
Prokopets(1980)R1
Cross section (mb)
Energy (MeV)


^{197}Au(n,xg)
TALYS
Guernsey(1956)T1
Cross section (mb)
Energy (MeV)


^{197}Au(n,xa)
TALYS
Kneff(1986)T1
Cross section (mb)
Energy (MeV)