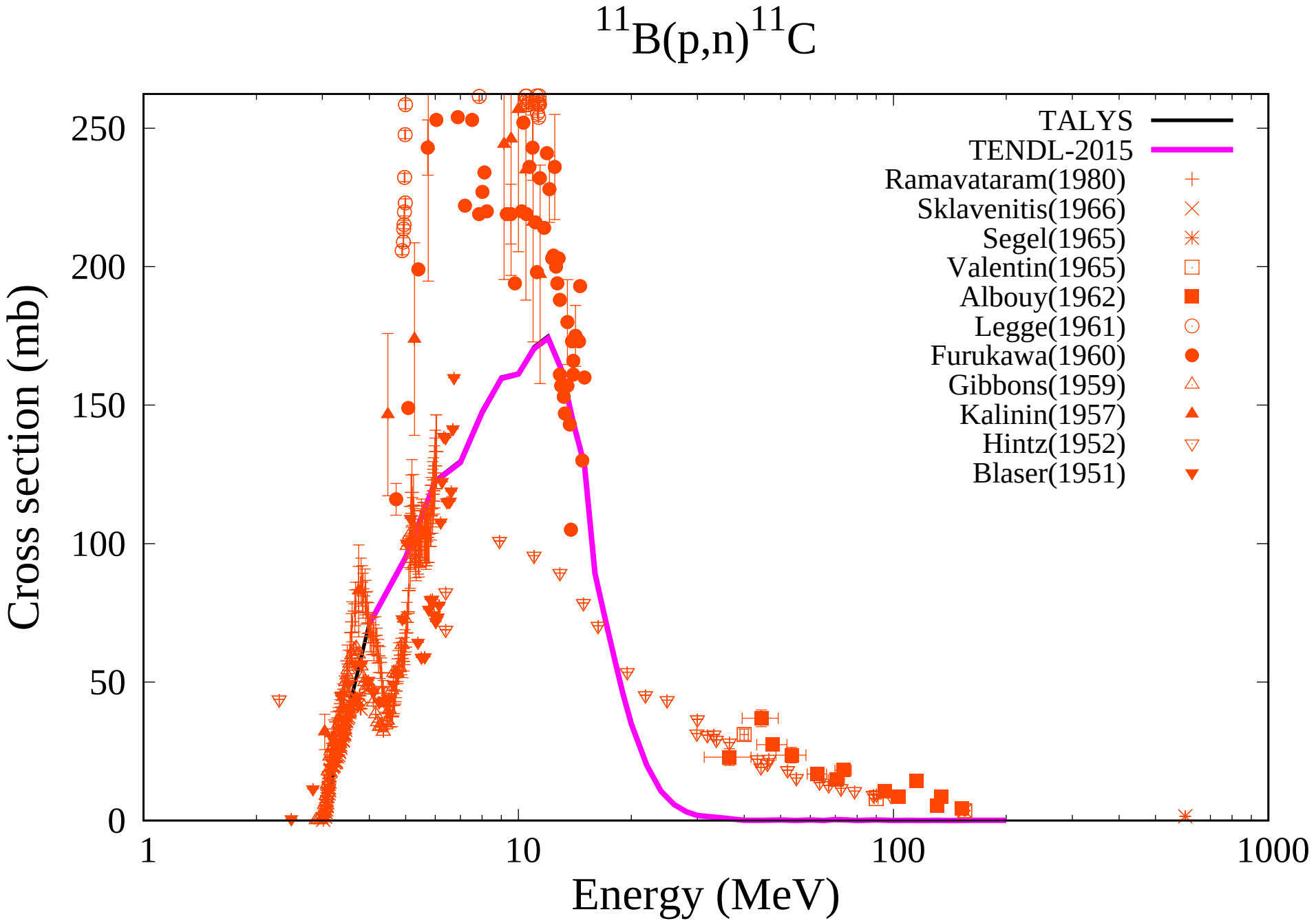
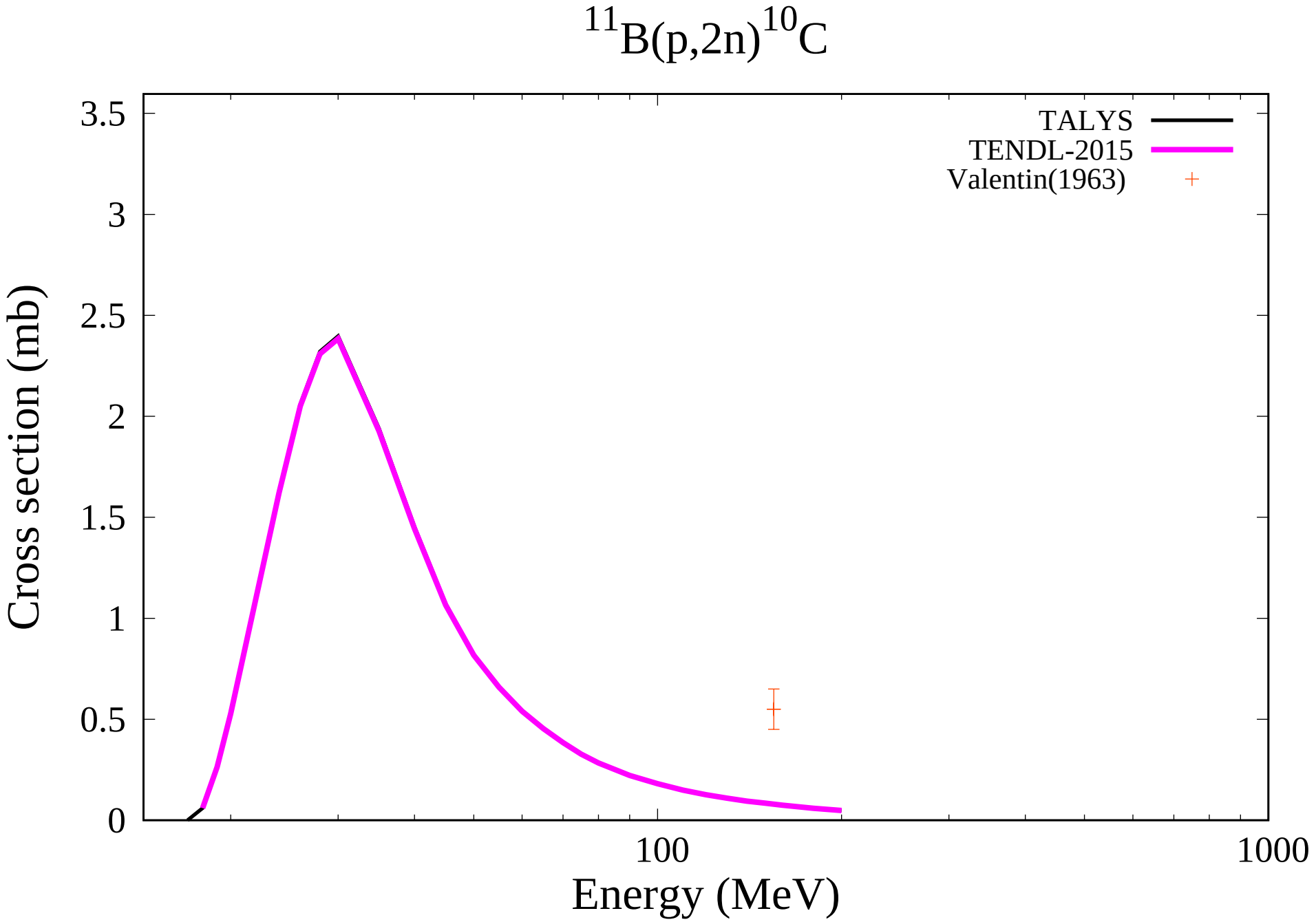
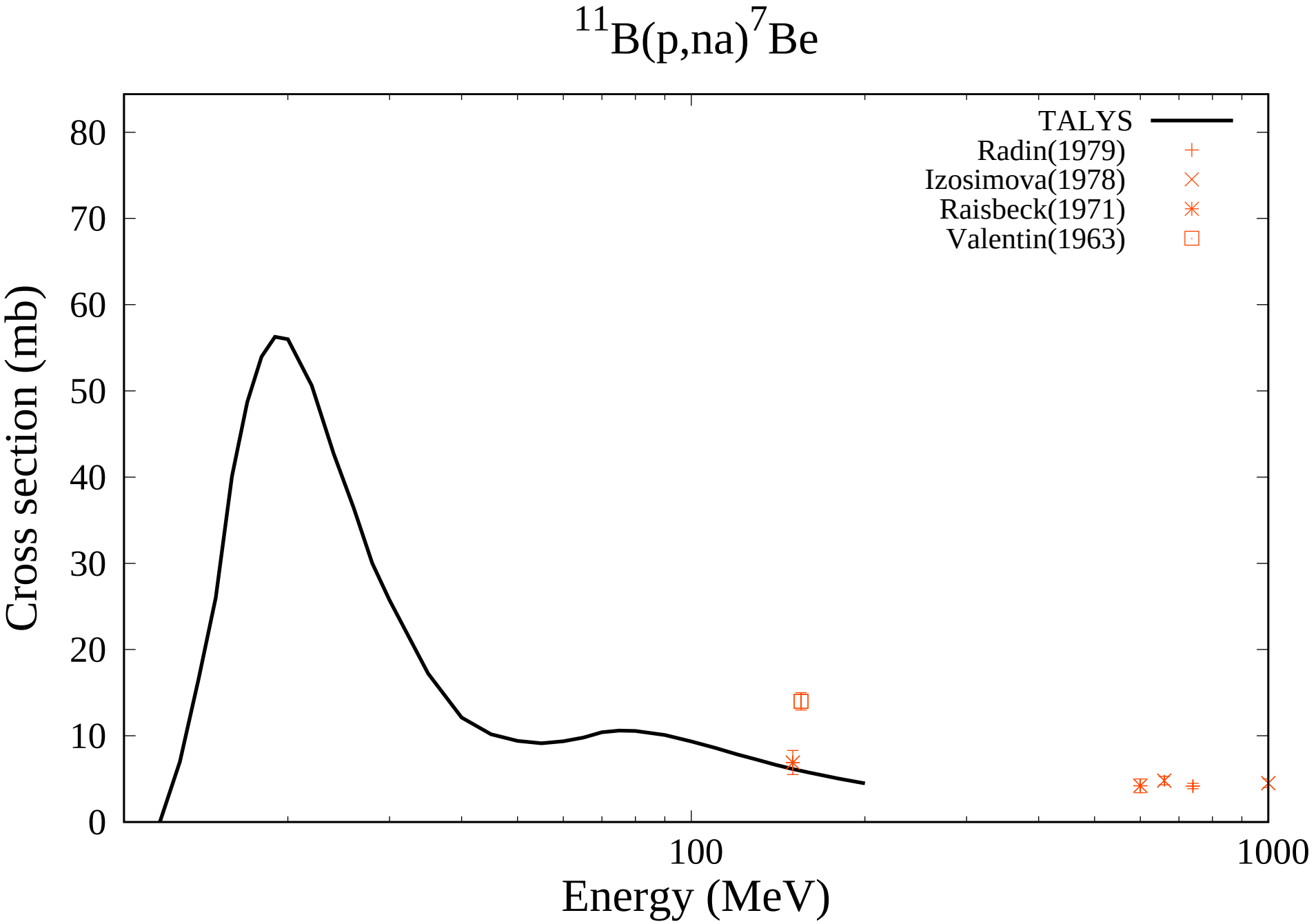
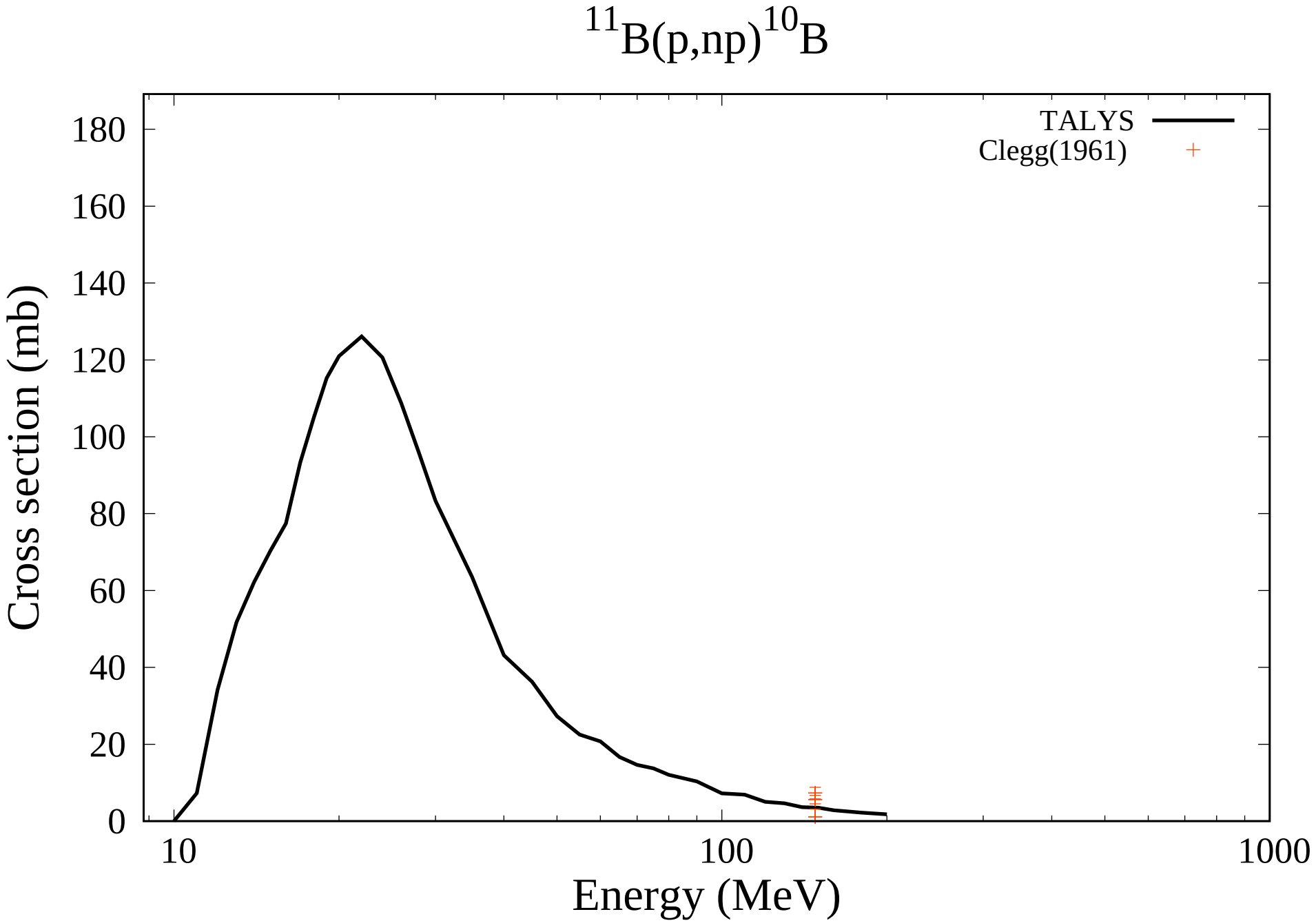
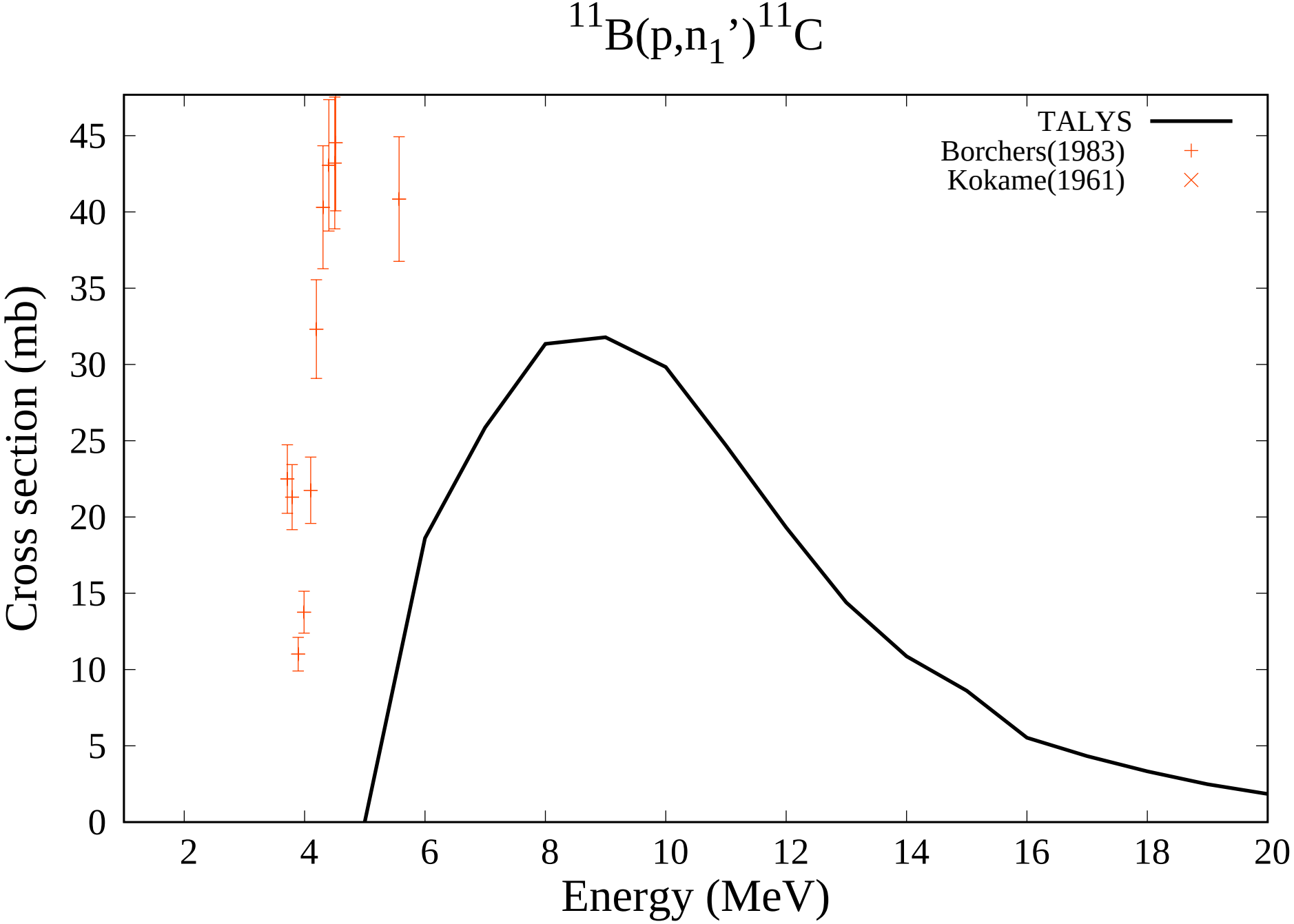
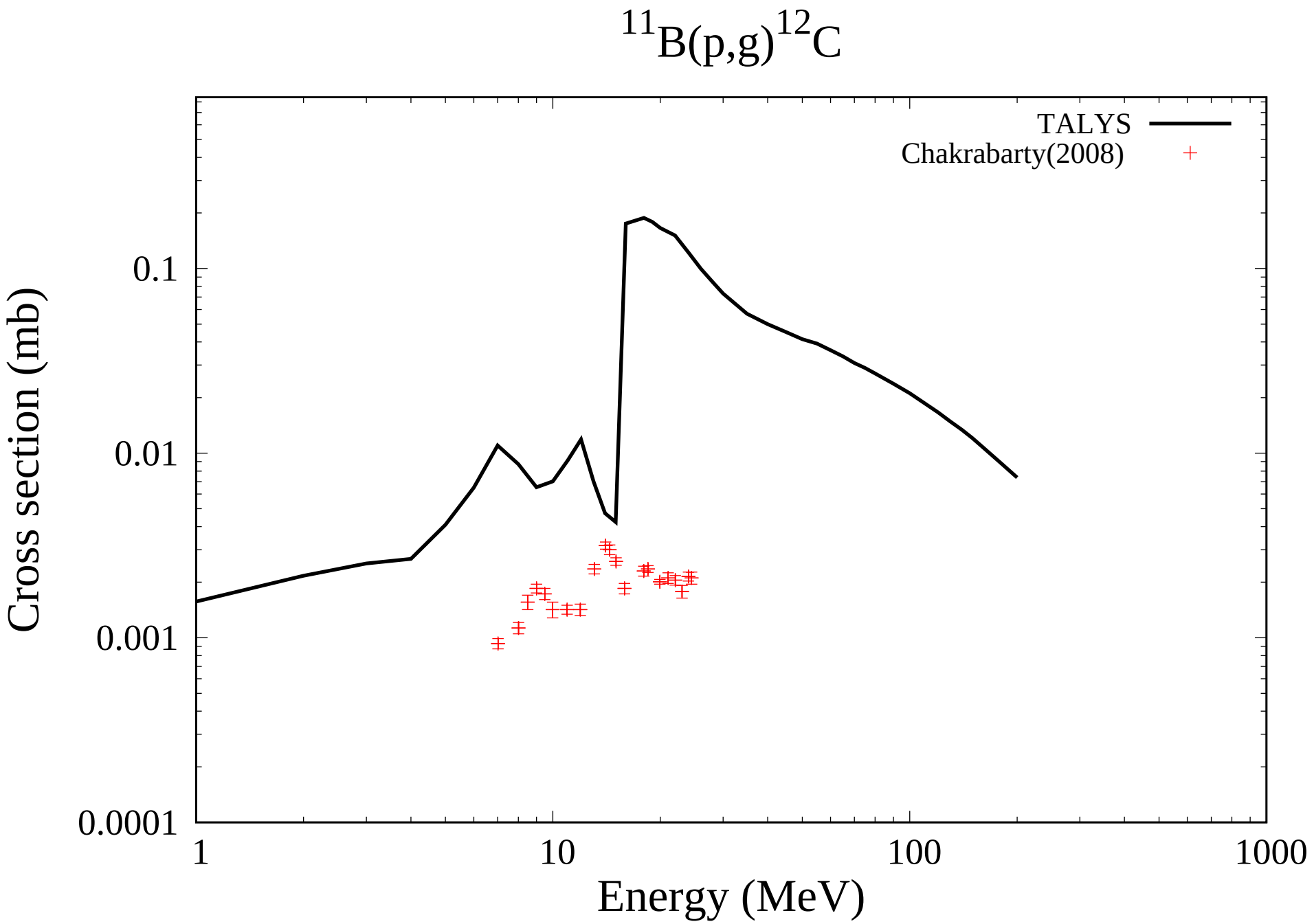

$^{11}B(p,n)^{11}C$
Cross section (mb)
Energy (MeV)
0
50
100
150
200
250
1
10
100
1000
TALYS
TENDL-2015
Ramavataram(1980)
Sklavenitis(1966)
Segel(1965)
Valentin(1965)
Albouy(1962)
Legge(1961)
Furukawa(1960)
Gibbons(1959)
Kalinin(1957)
Hintz(1952)
Blaser(1951)

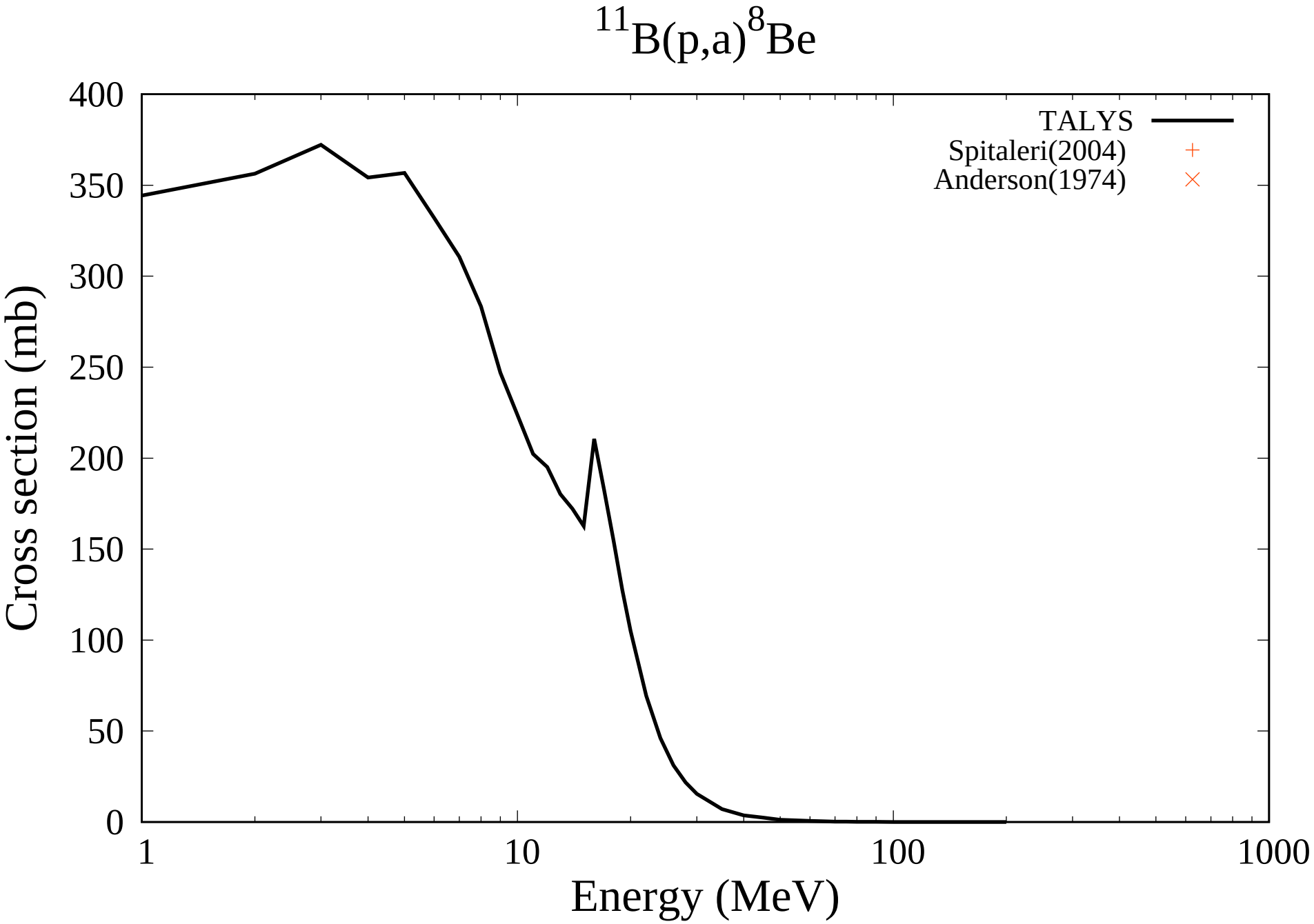

$^{11}B(p,2n)^{10}C$
TALYS
TENDL-2015
Valentin(1963)
Cross section (mb)
Energy (MeV)
0
0.5
1
1.5
2
2.5
3
3.5
100
1000

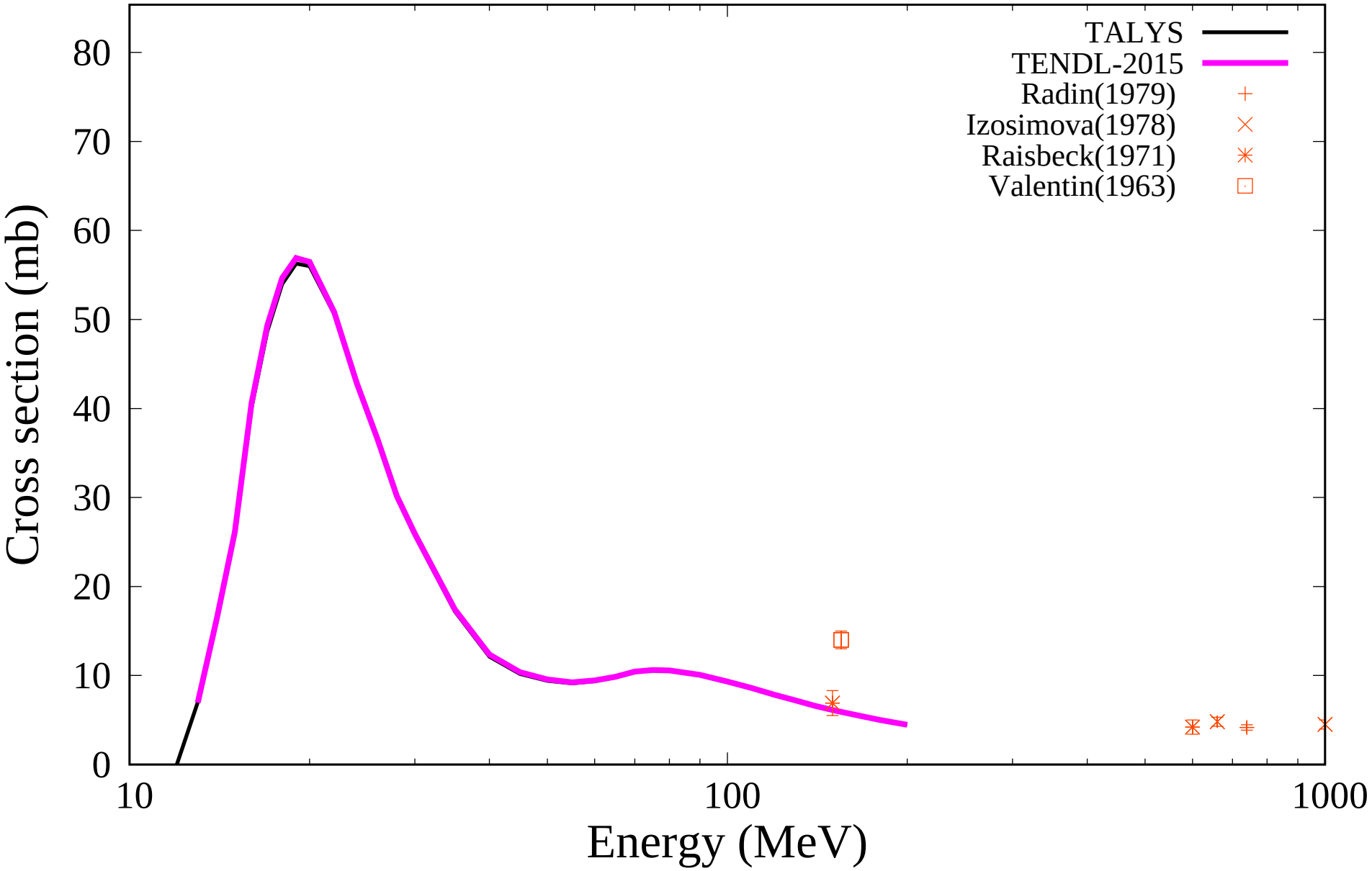

^{11}B(p,na)^{7}Be
TALYS
Radin(1979)
Izosimova(1978)
Raisbeck(1971)
Valentin(1963)
Cross section (mb)
0
10
20
30
40
50
60
70
80
100
1000
Energy (MeV)

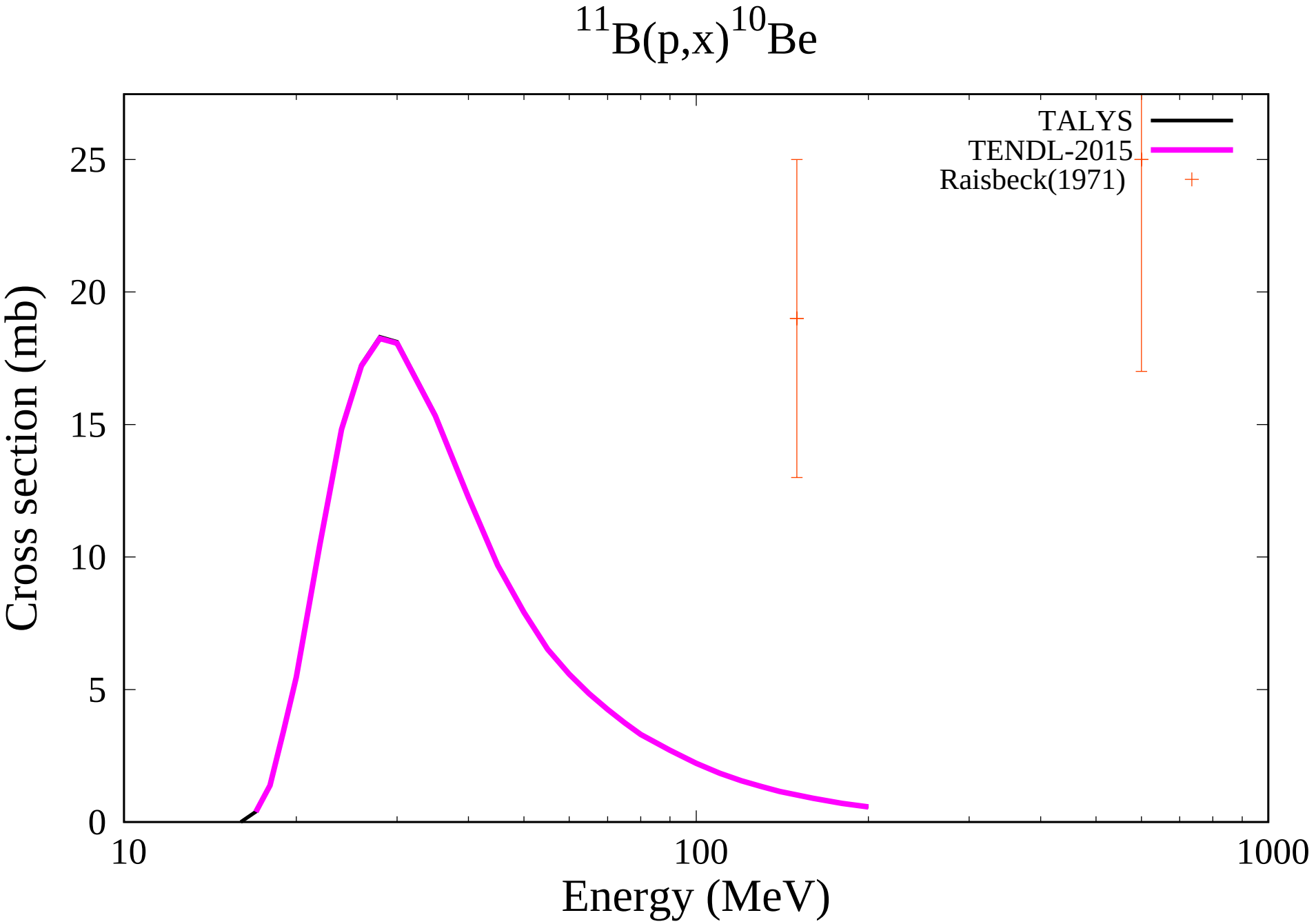

^{11}B(p,np)^{10}B
TALYS
Clegg(1961)
Cross section (mb)
0
20
40
60
80
100
120
140
160
180
10
100
1000
Energy (MeV)

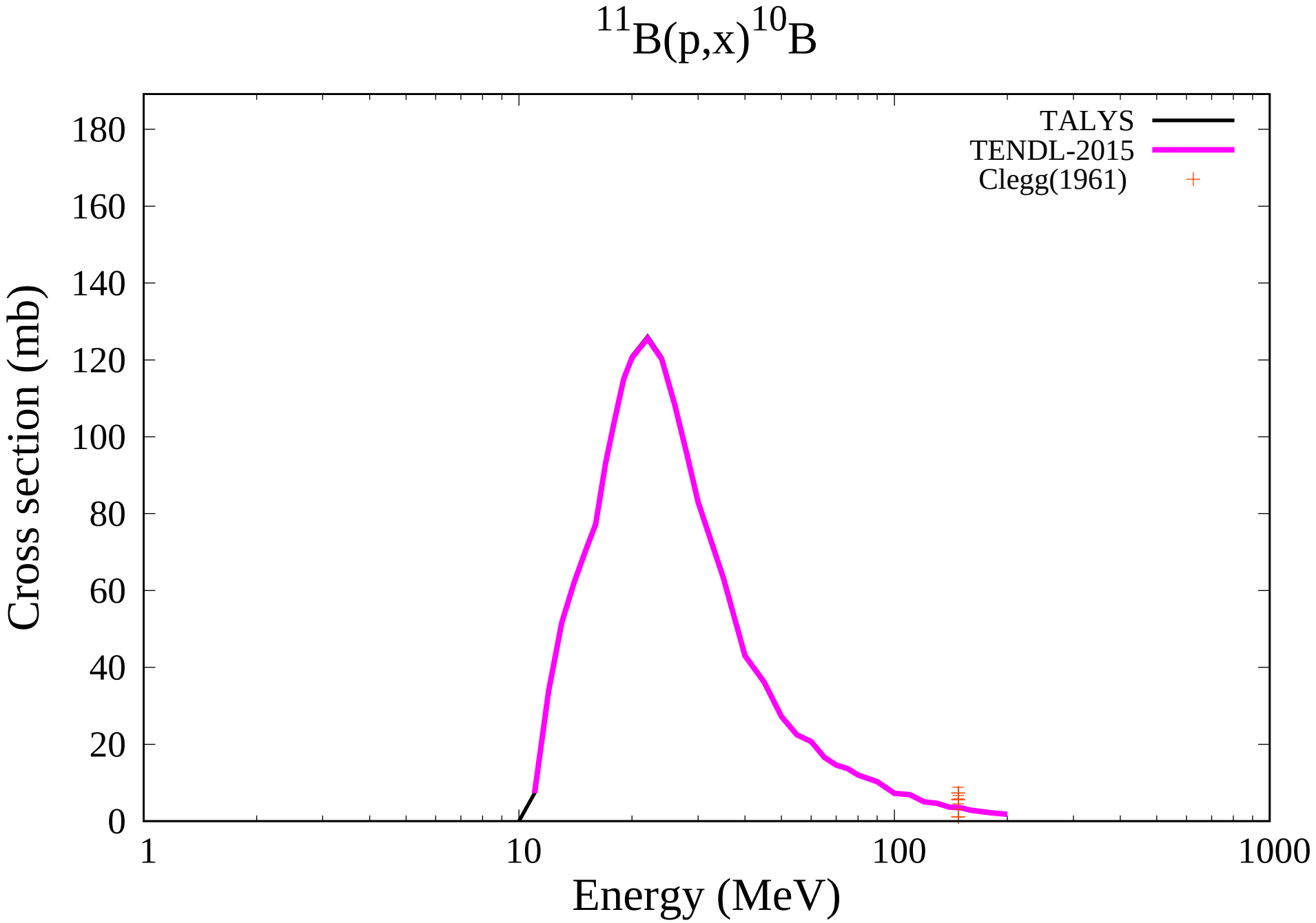

$^{11}B(p,n_1')^{11}C$
TALYS
Borchers(1983)
Kokame(1961)
Cross section (mb)
Energy (MeV)
0
5
10
15
20
25
30
35
40
45
2
4
6
8
10
12
14
16
18
20


$^{11}B(p,g)^{12}C$
TALYS
Chakrabarty(2008)
Cross section (mb)
0.1
0.01
0.001
0.0001
1
10
100
1000
Energy (MeV)


^{11}B(p,a)^{8}Be
TALYS
Spitaleri(2004)
Anderson(1974)
Cross section (mb)
Energy (MeV)
400
350
300
250
200
150
100
50
0
1
10
100
1000


$^{11}B(p,x)^{7}Be$
TALYS
TENDL-2015
Radin(1979)
Izosimova(1978)
Raisbeck(1971)
Valentin(1963)
Cross section (mb)
Energy (MeV)
0
10
20
30
40
50
60
70
80
10
100
1000


^{11}B(p,x)^{10}Be
TALYS
TENDL-2015
Raisbeck(1971)
Cross section (mb)
0
5
10
15
20
25
10
100
1000
Energy (MeV)


$^{11}B(p,x)^{10}B$
TALYS
TENDL-2015
Clegg(1961)
Cross section (mb)
Energy (MeV)
0
20
40
60
80
100
120
140
160
180
1
10
100
1000