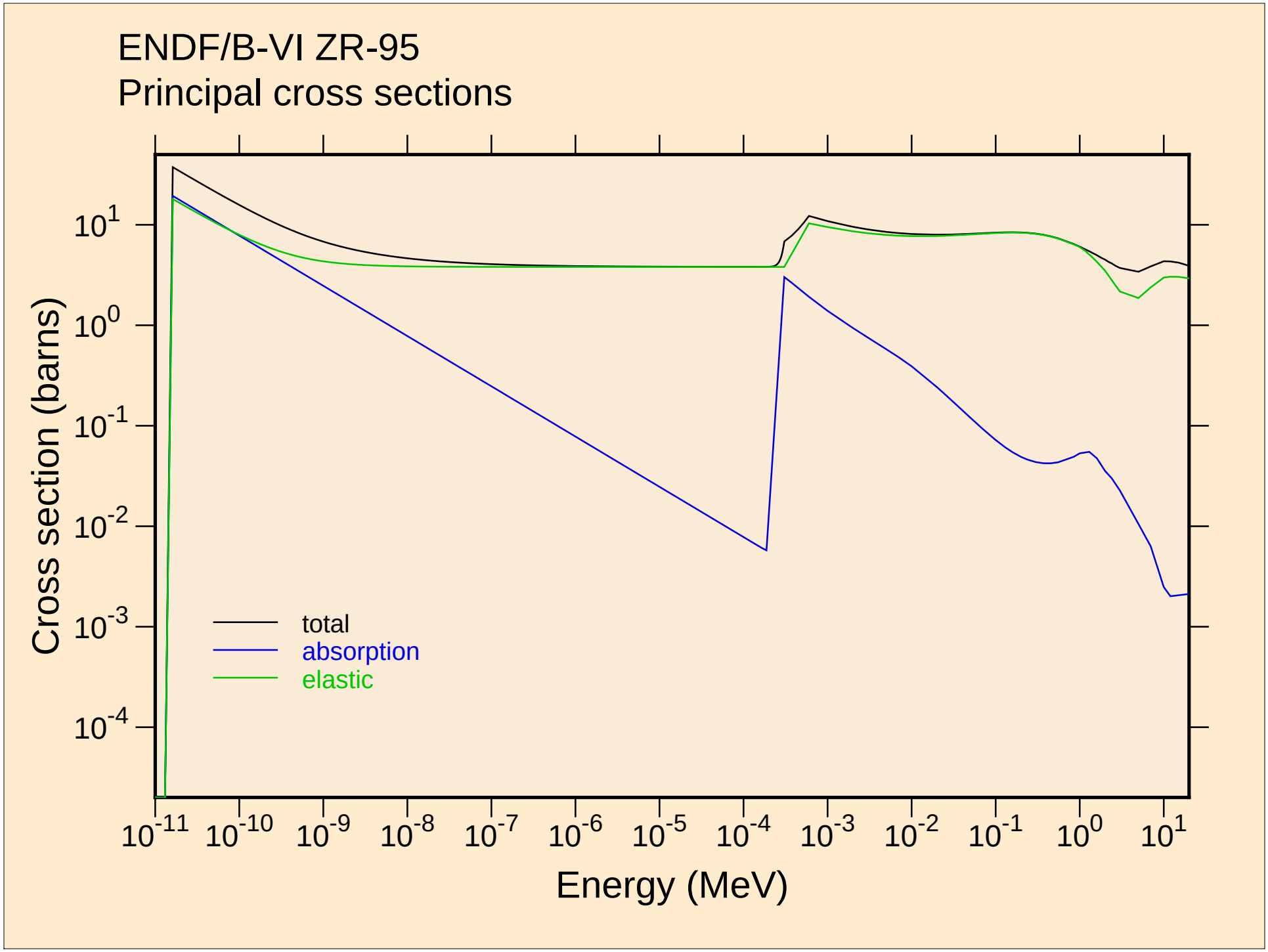
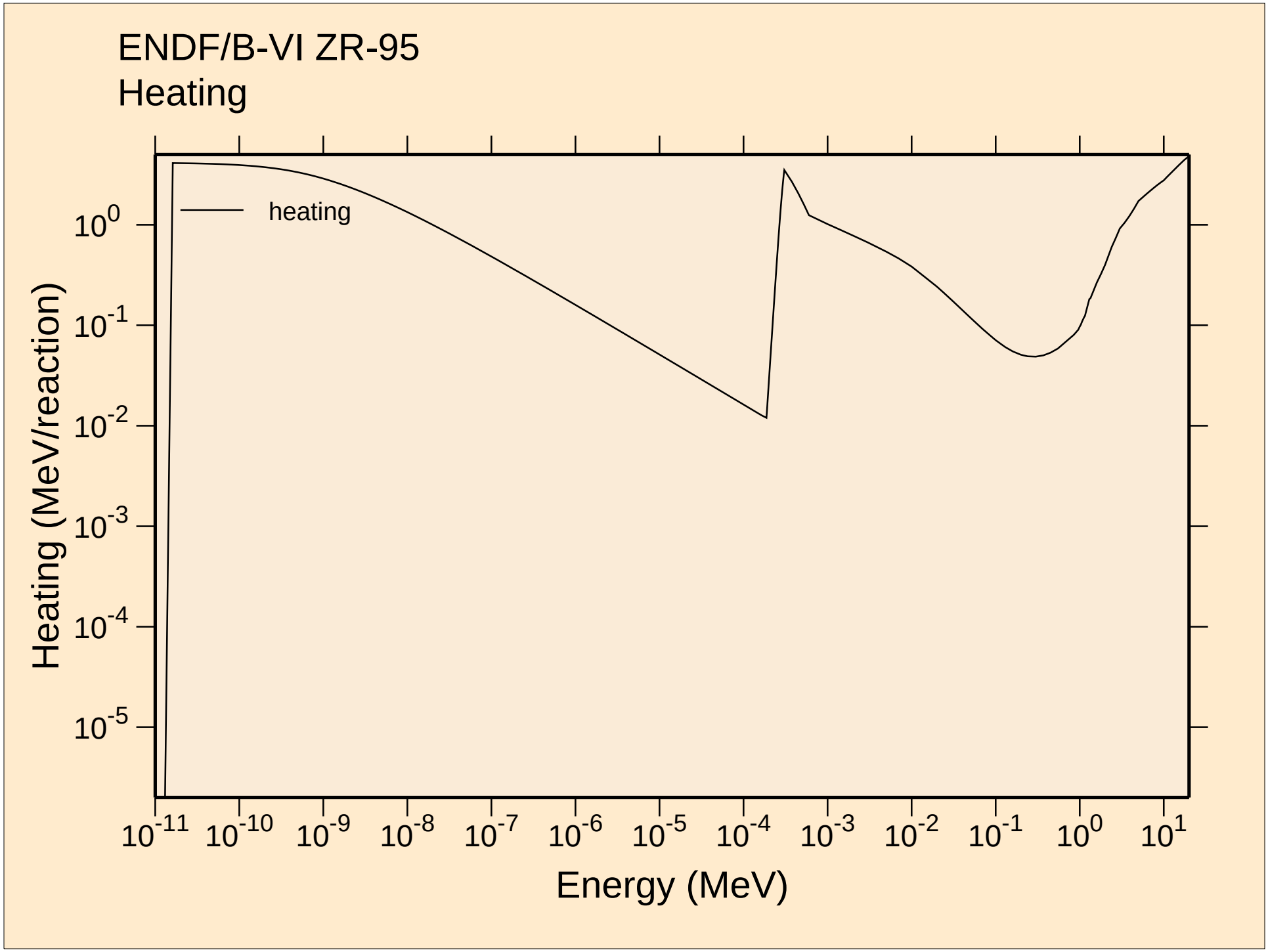
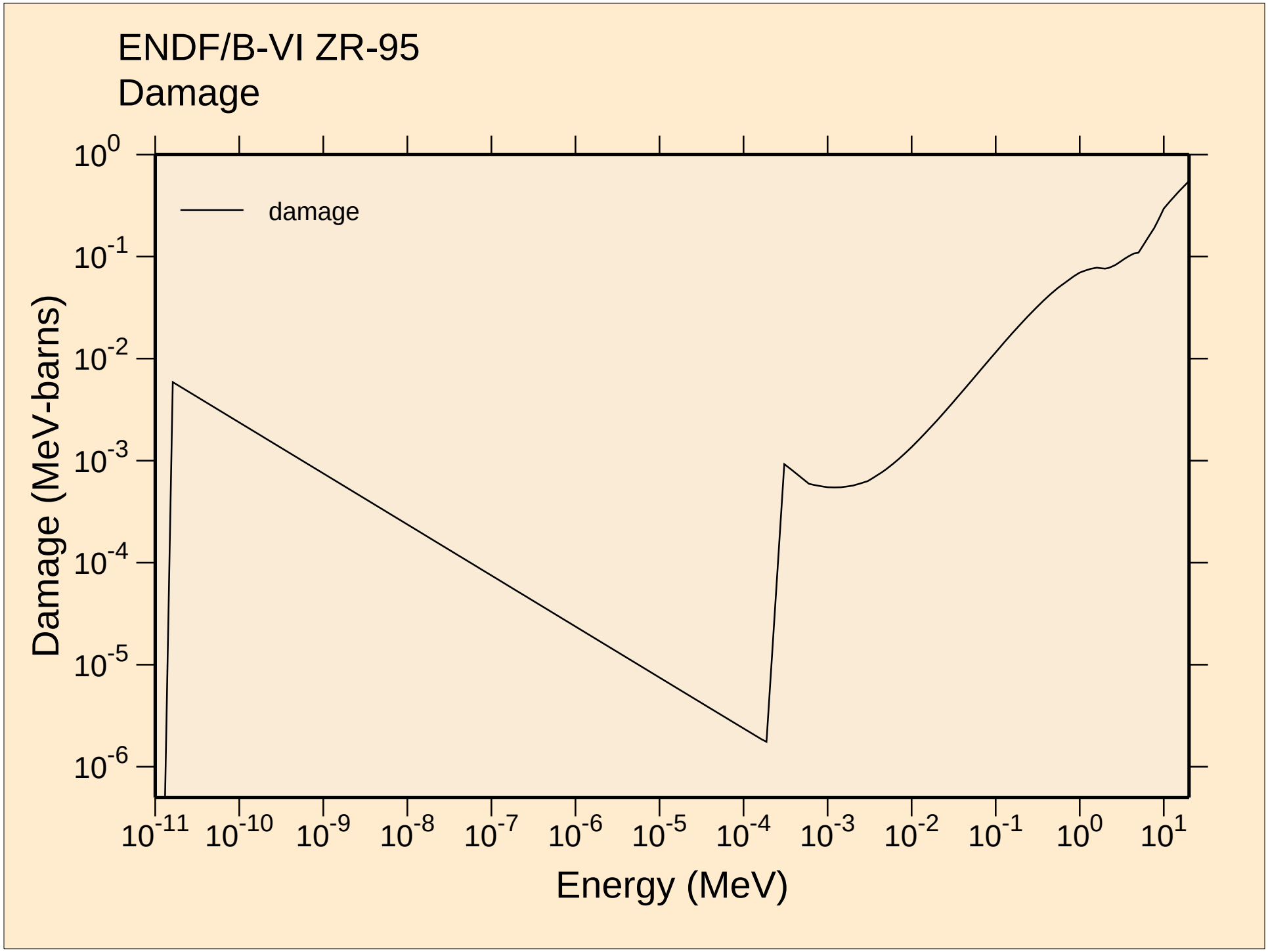
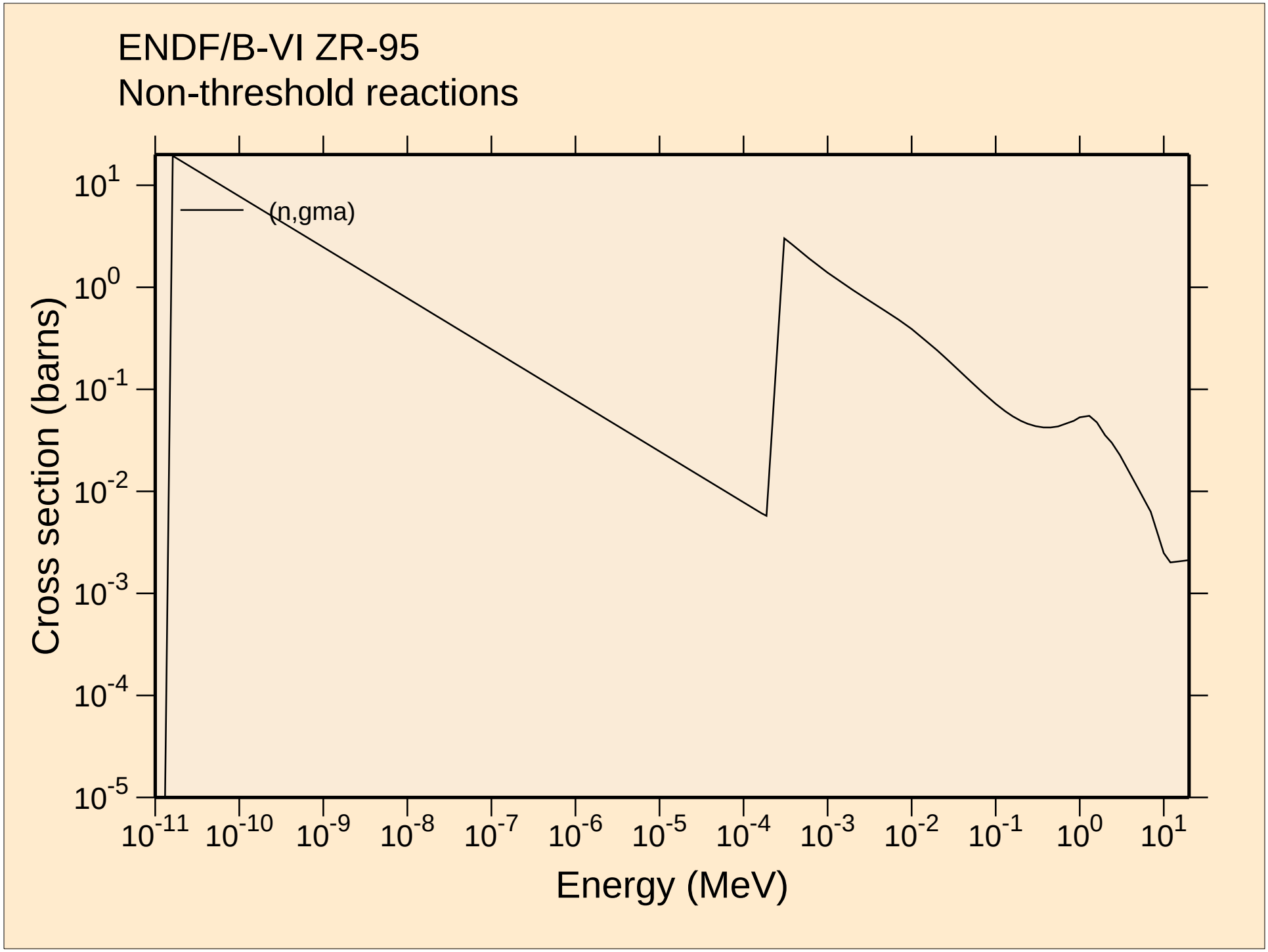
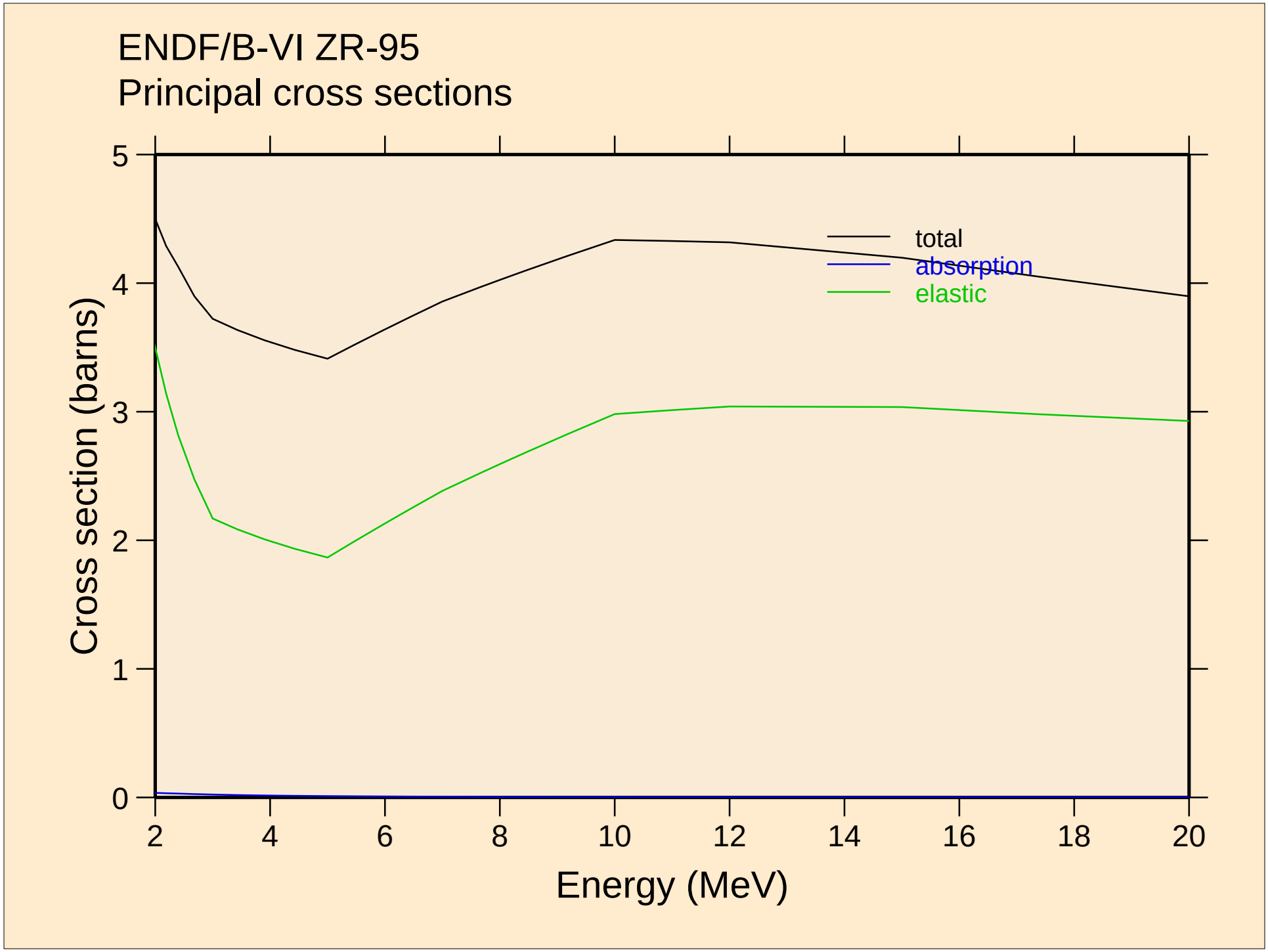
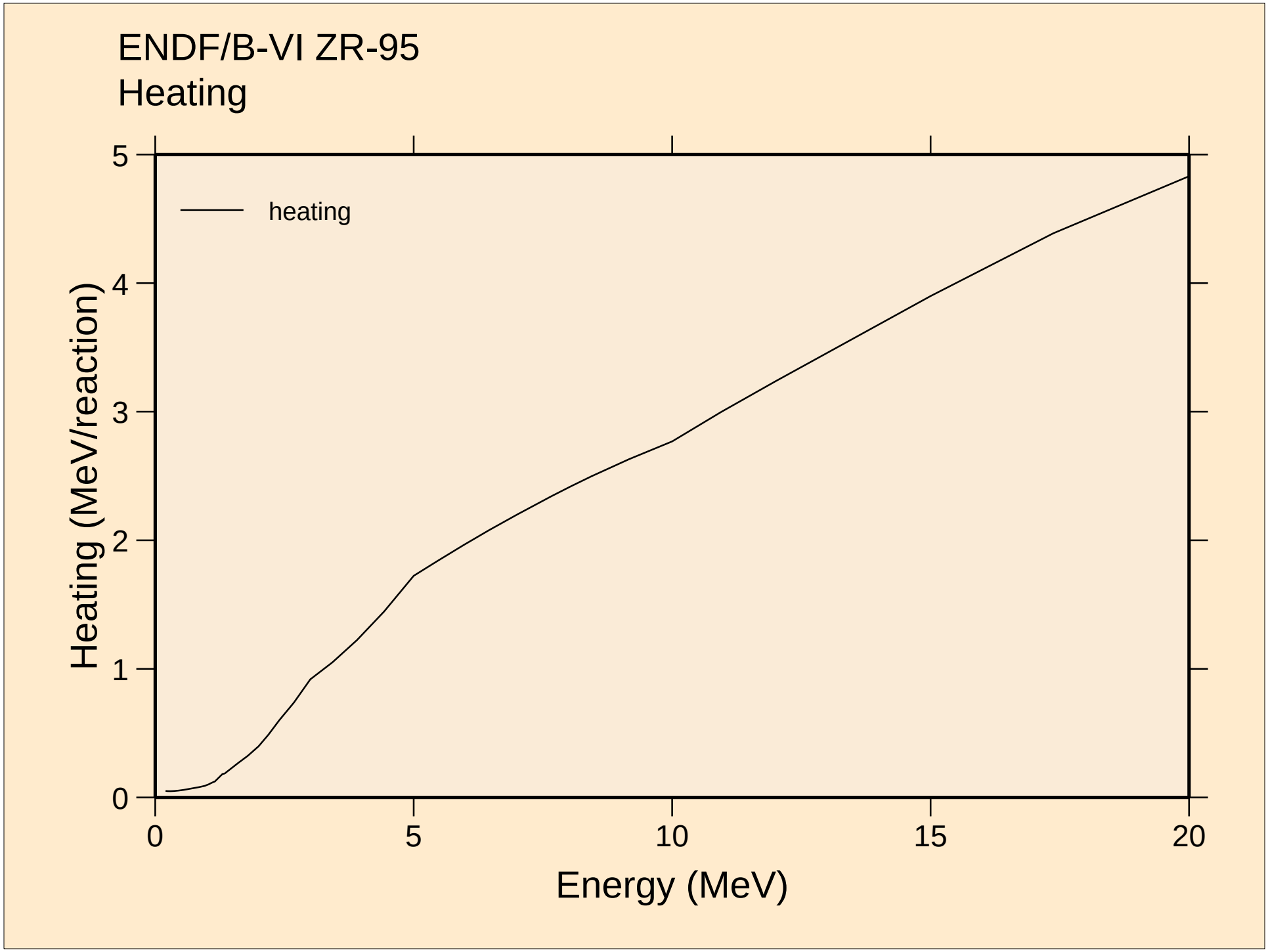

ENDF/B-VI ZR-95
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1}

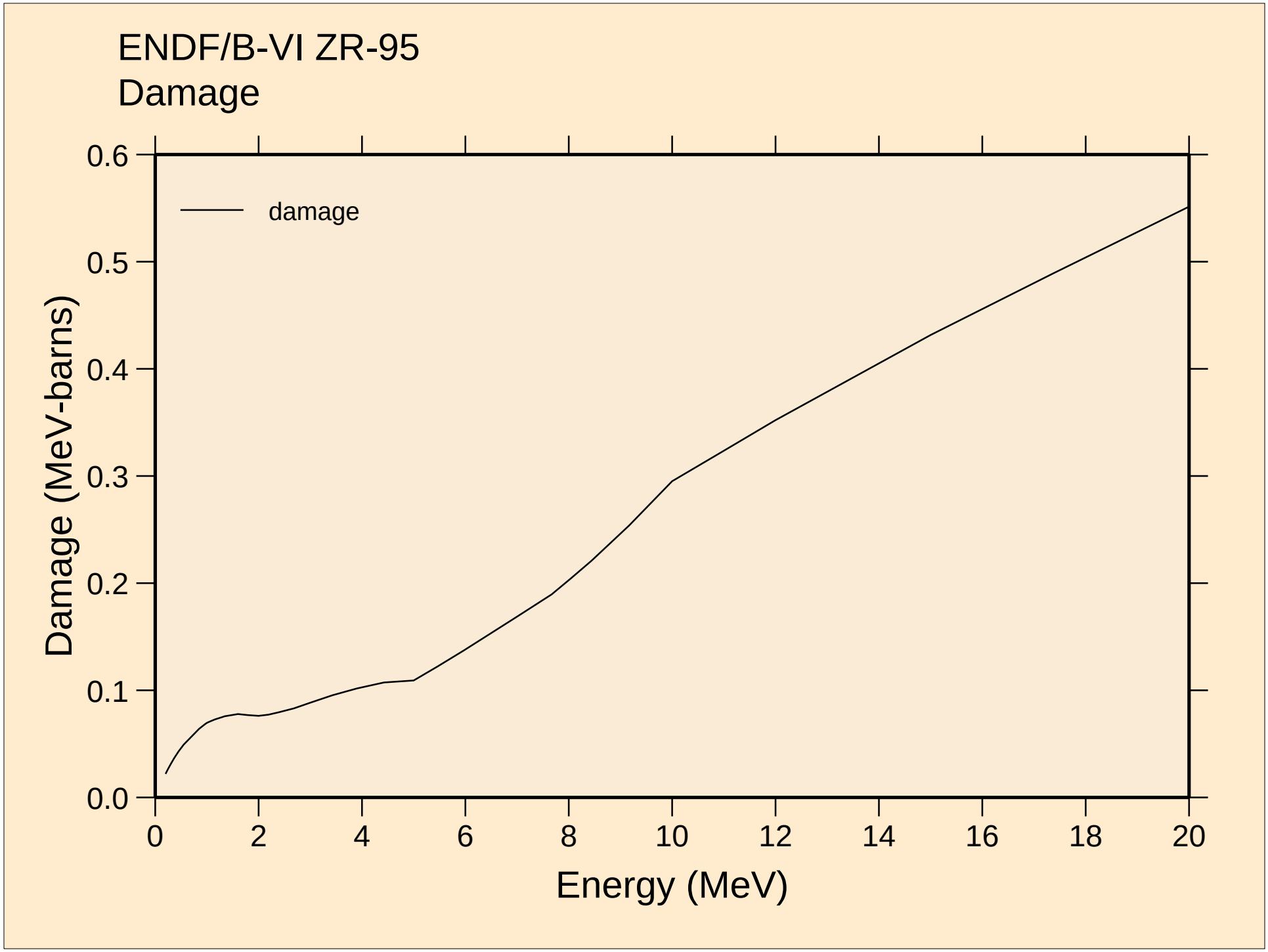

ENDF/B-VI ZR-95
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-11
10^-10
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1

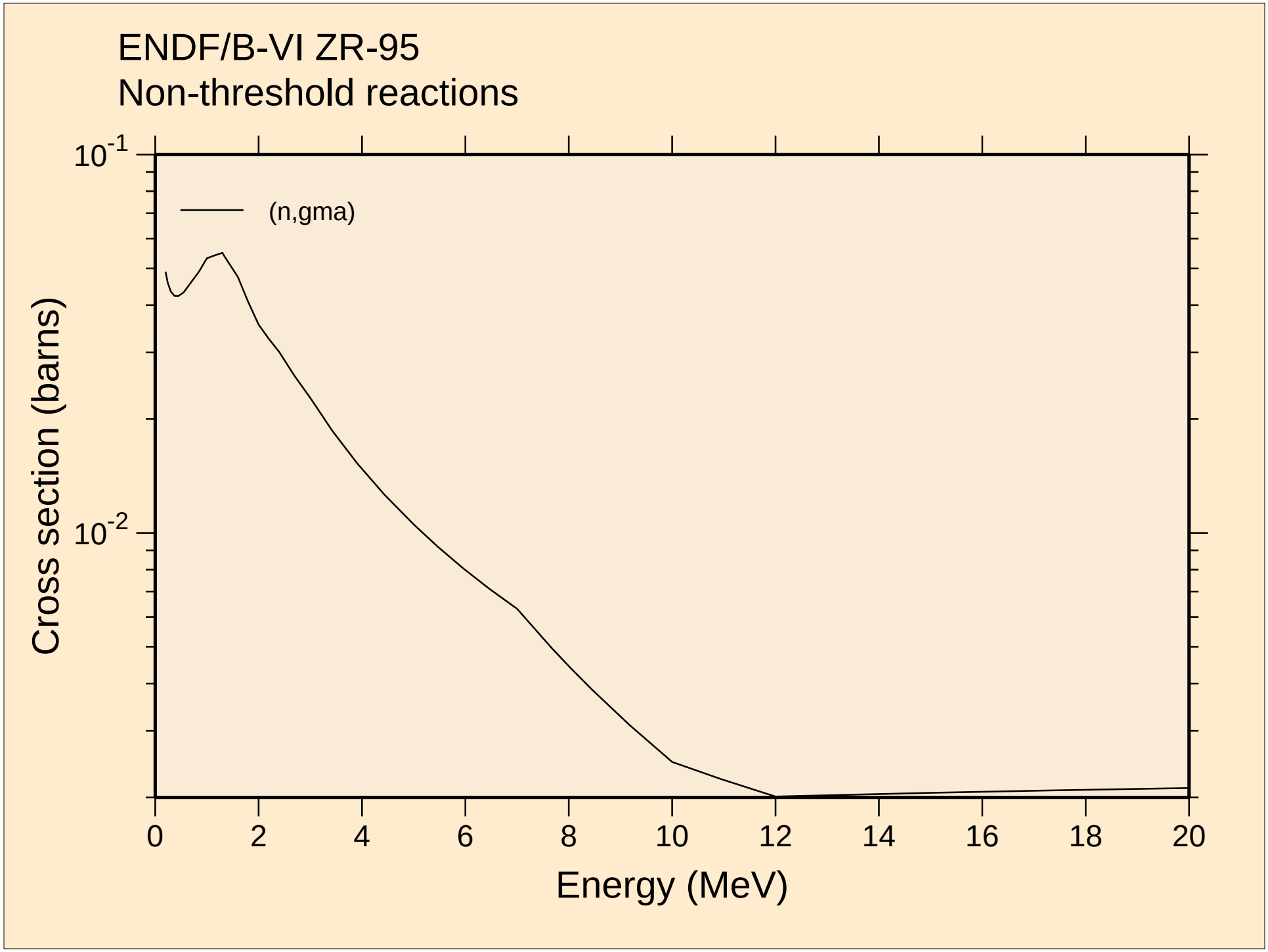

ENDF/B-VI ZR-95
Damage
damage
Damage (MeV-barns)
Energy (MeV)
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1}

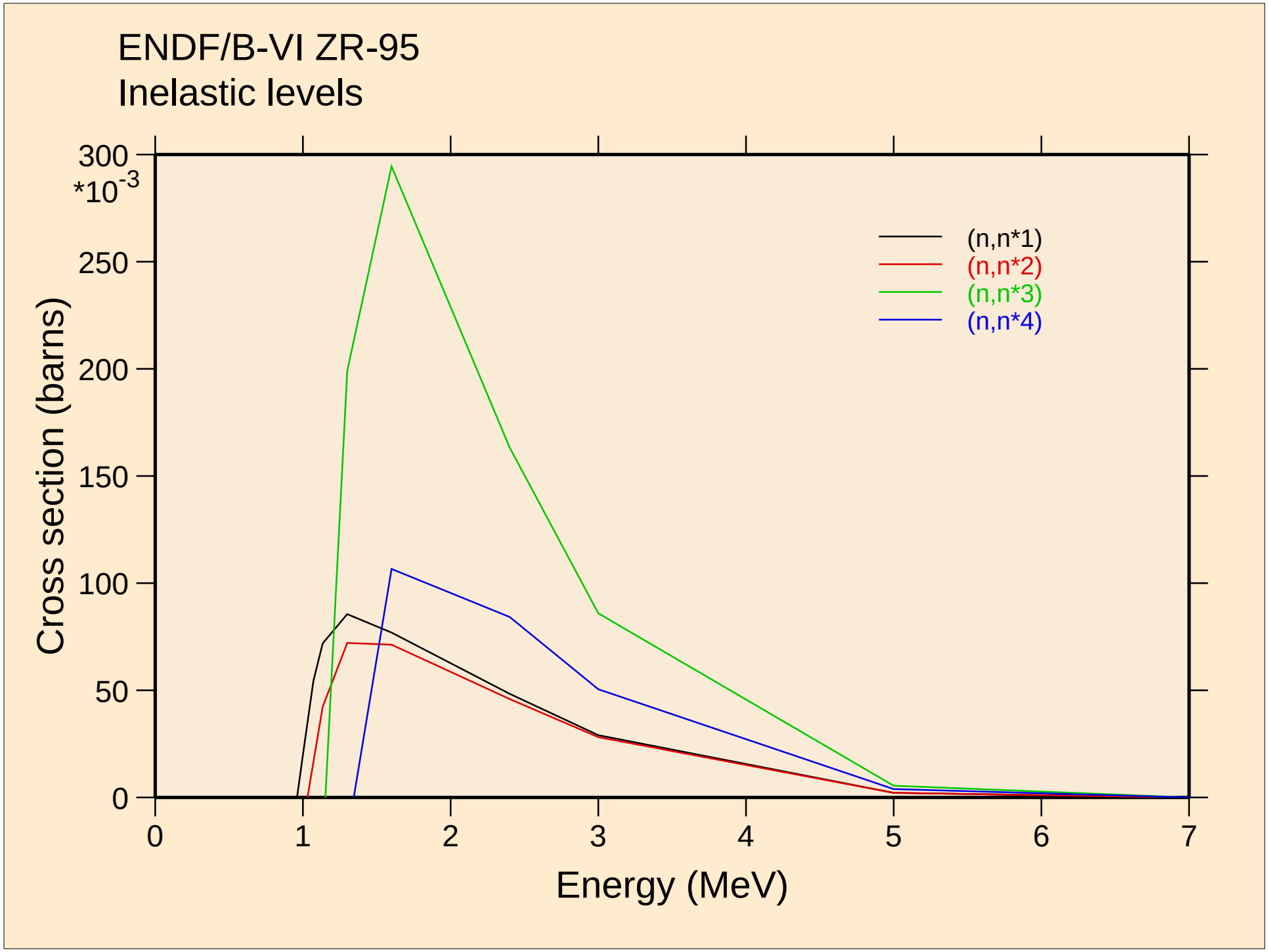

ENDF/B-VI ZR-95
Non-threshold reactions
(n,gma)
Cross section (barns)
Energy (MeV)
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1}

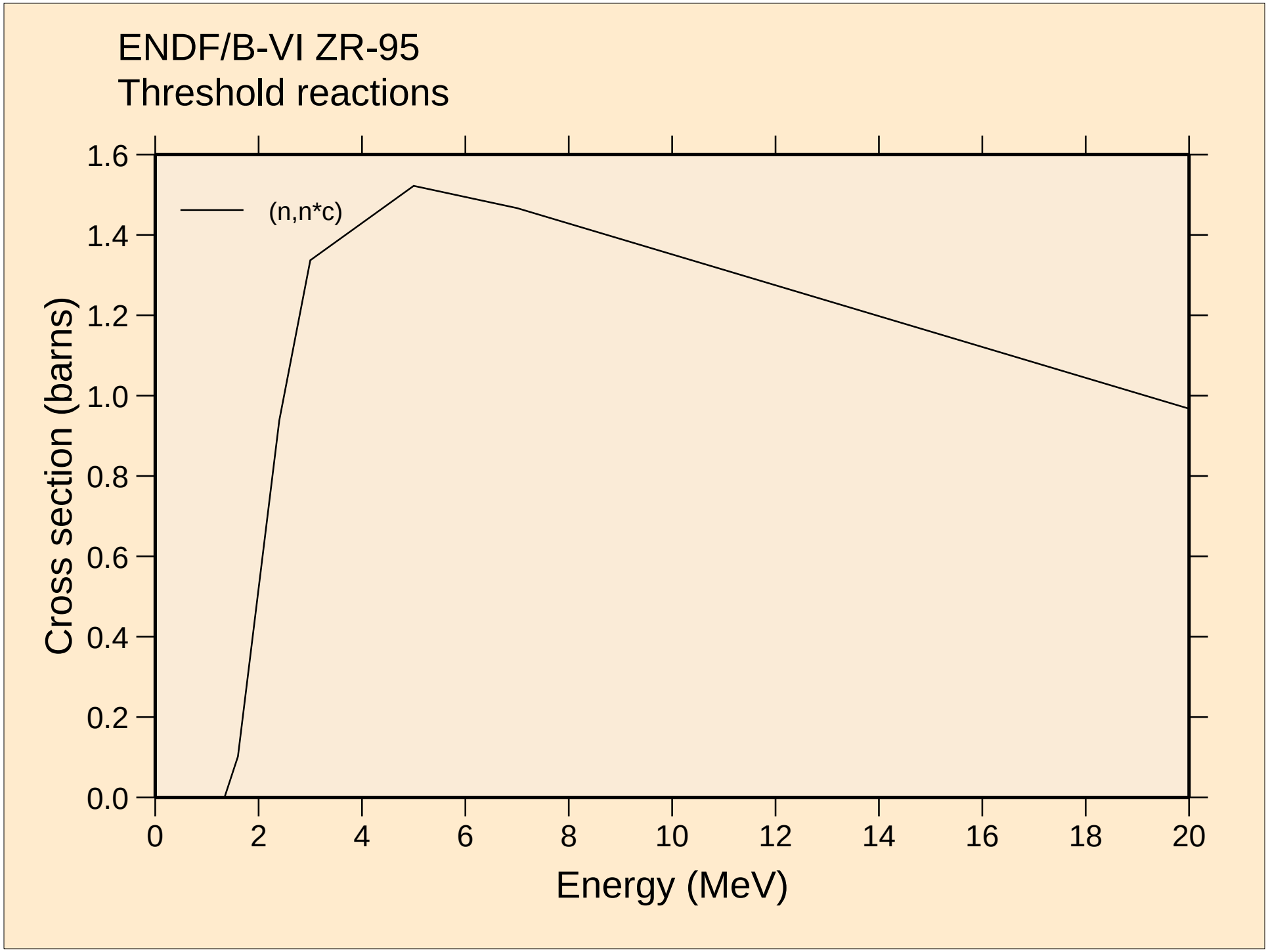

ENDF/B-VI ZR-95
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
0
1
2
3
4
5
2
4
6
8
10
12
14
16
18
20

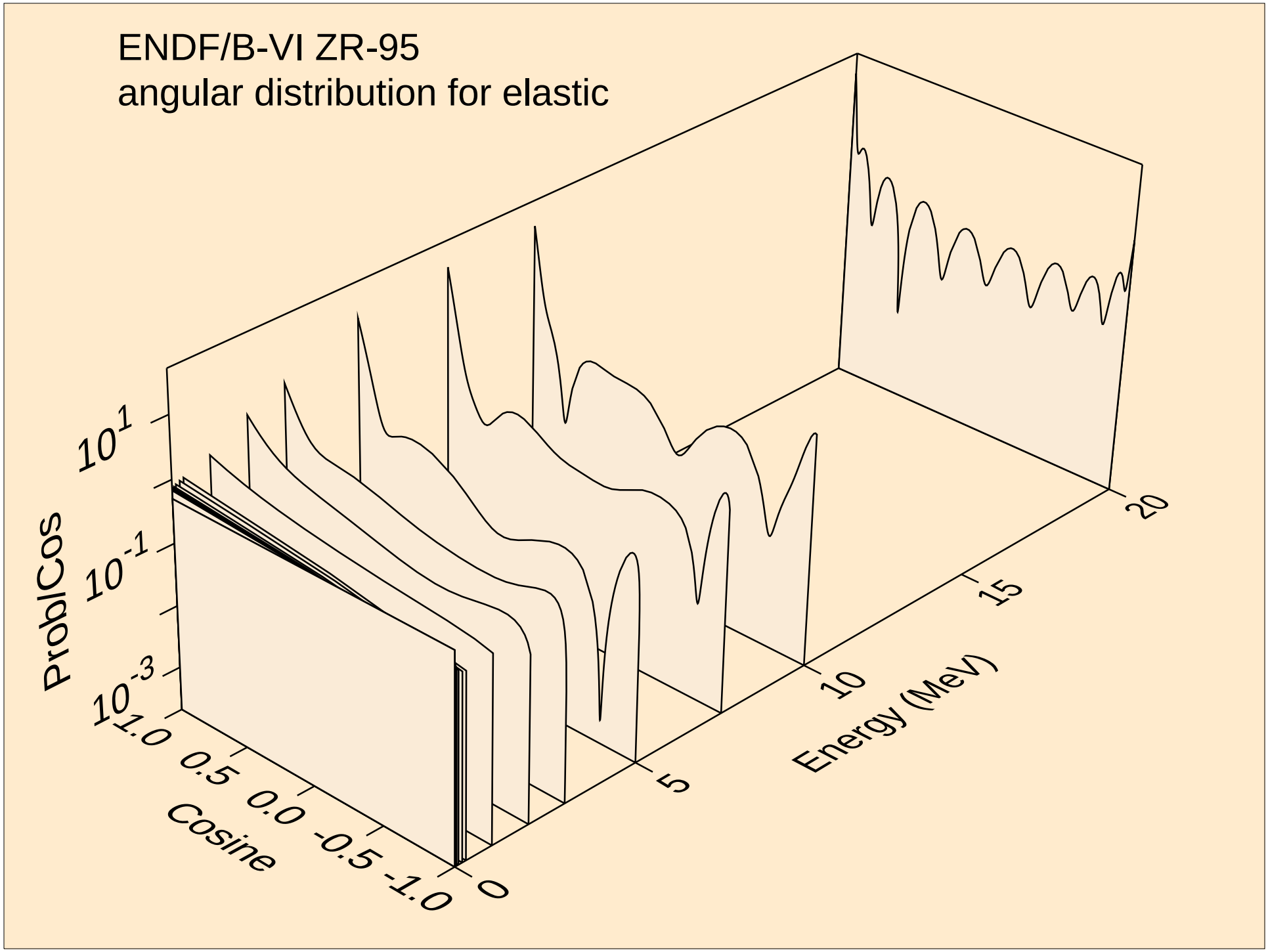

ENDF/B-VI ZR-95
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
1
2
3
4
5
0
5
10
15
20


ENDF/B-VI ZR-95
Damage
damage
Damage (MeV-barns)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)


ENDF/B-VI ZR-95
Non-threshold reactions
(n,gma)
Cross section (barns)
10-1
10-2
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)


ENDF/B-VI ZR-95
Inelastic levels
Cross section (barns)
*10^-3
300
250
200
150
100
50
0
0
1
2
3
4
5
6
7
Energy (MeV)
(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)


ENDF/B-VI ZR-95
Threshold reactions
(n,n*c)
Cross section (barns)
Energy (MeV)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
0
2
4
6
8
10
12
14
16
18
20


ENDF/B-VI ZR-95
angular distribution for elastic
ProbCos
10^{1}
10^{-1}
10^{-3}
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
5
10
15
20