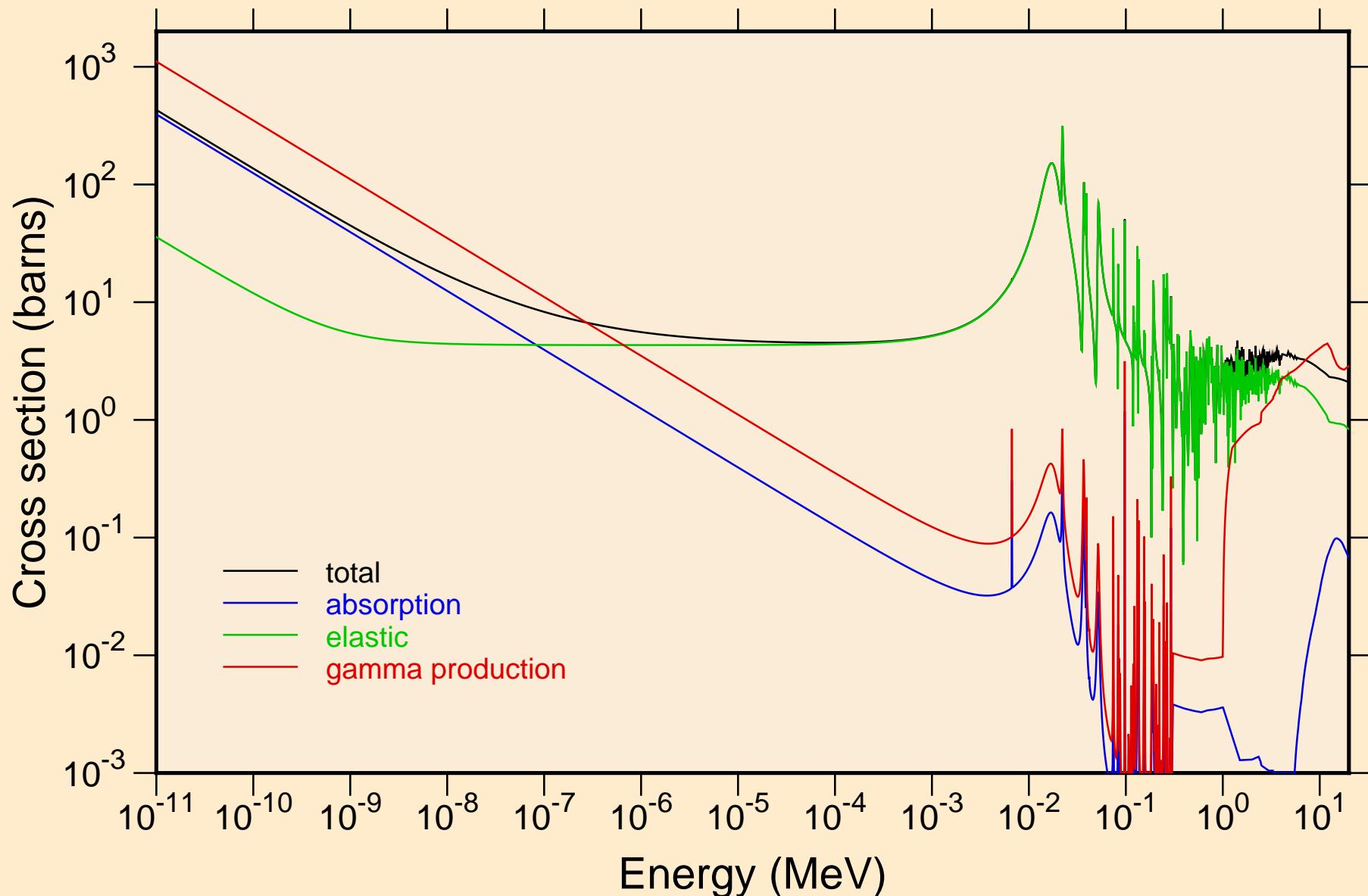
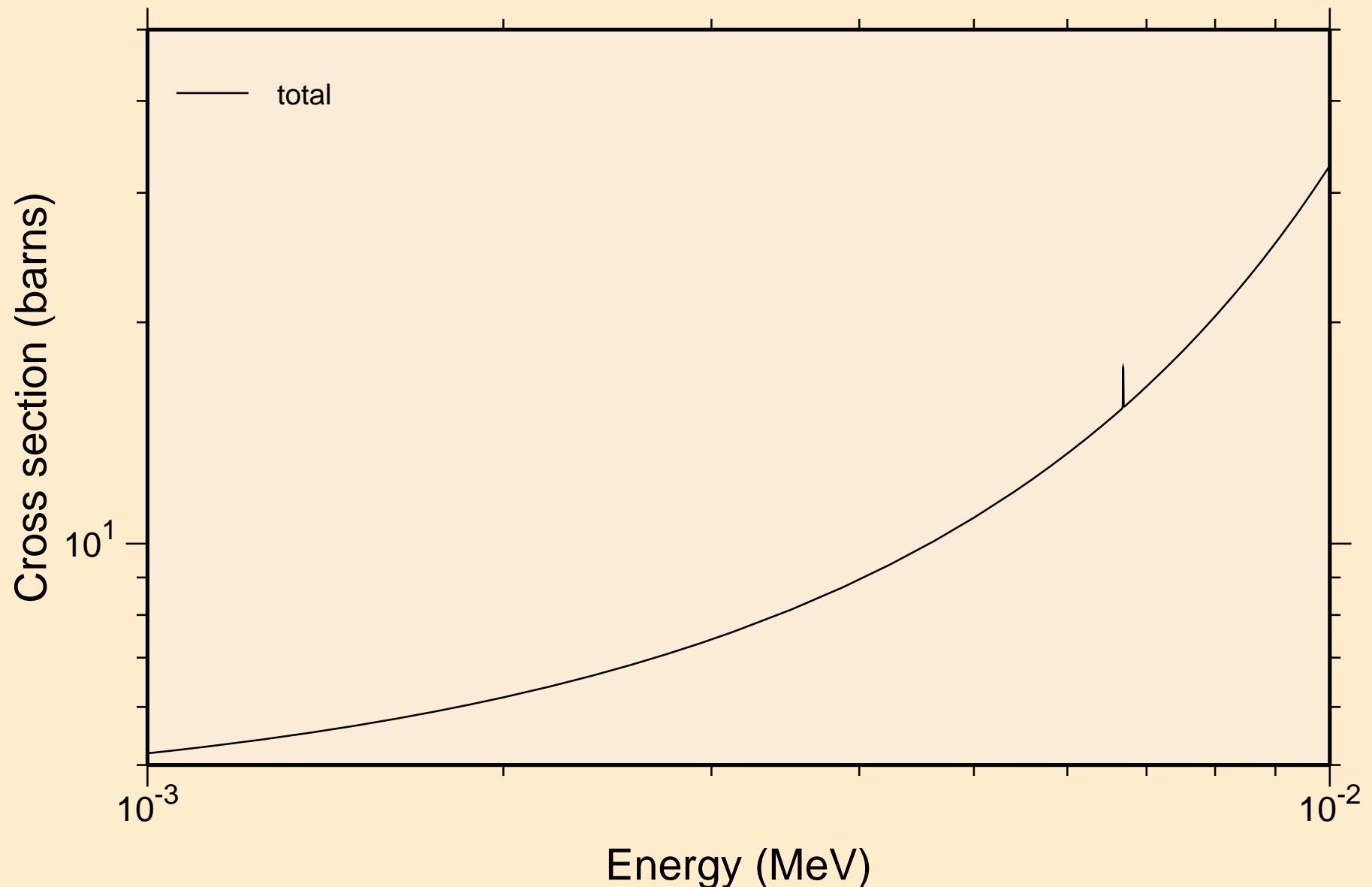


ENDF/B-VII TI-48

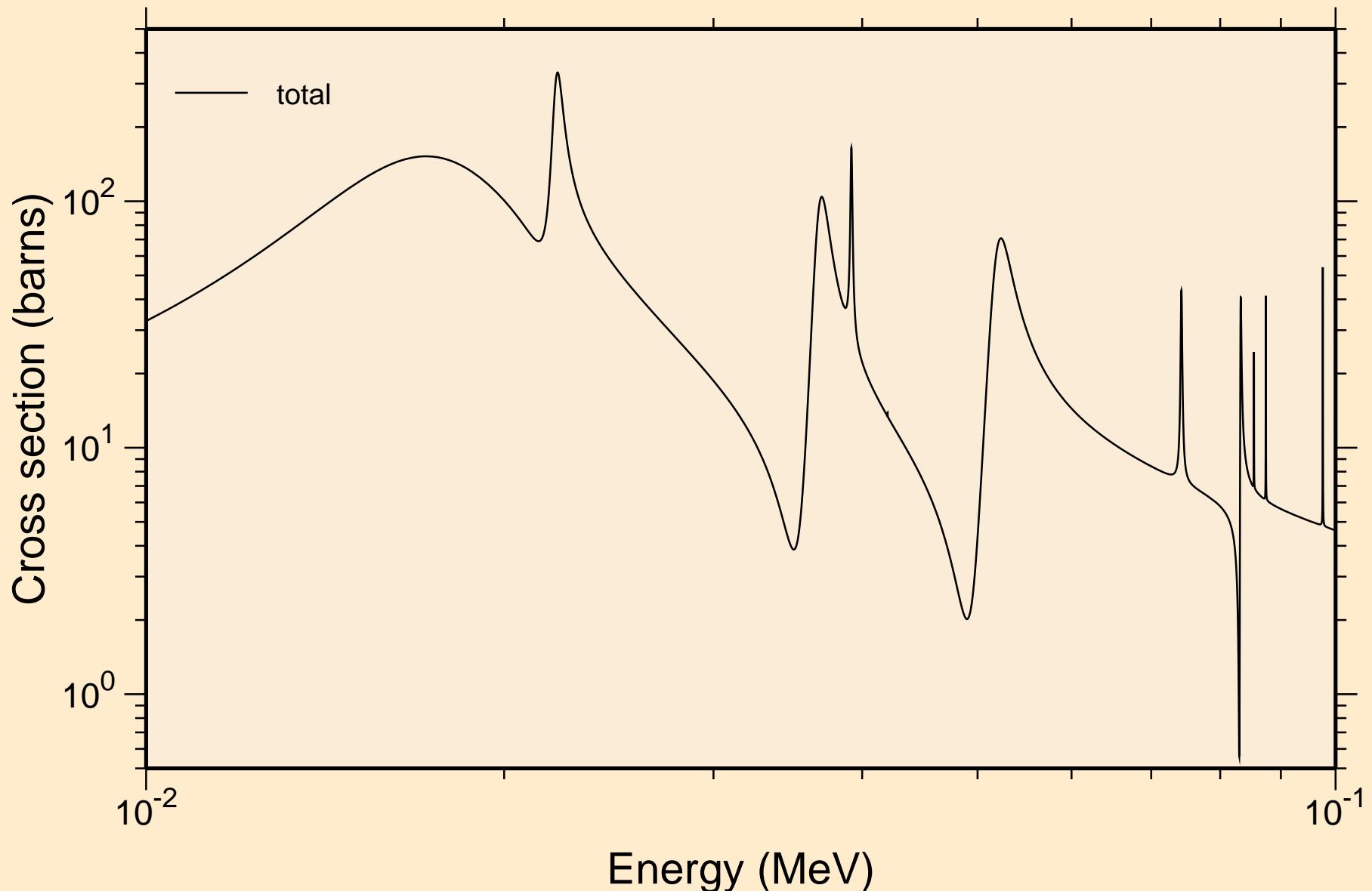
Principal cross sections



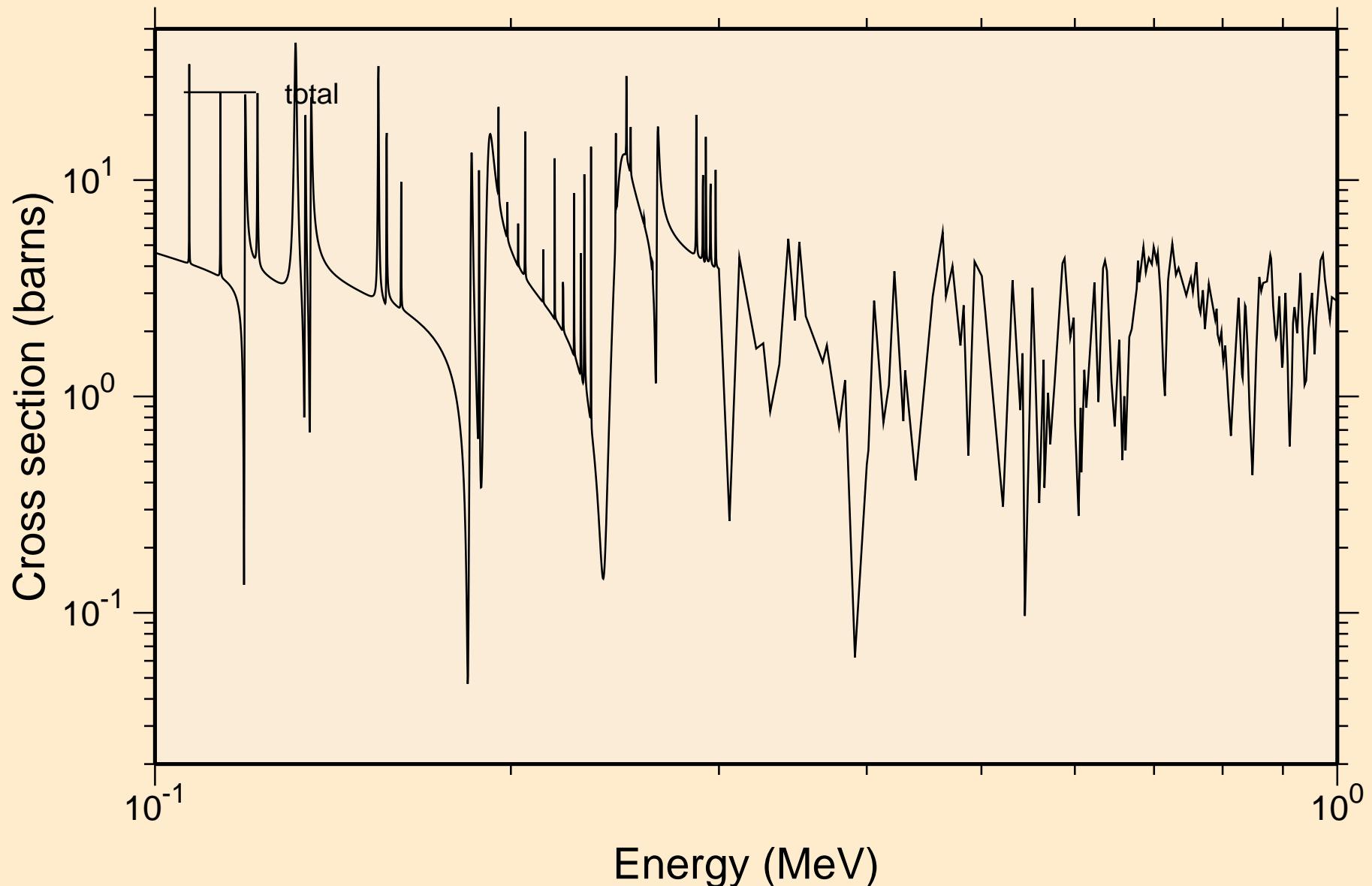
ENDF/B-VII TI-48
resonance total cross section



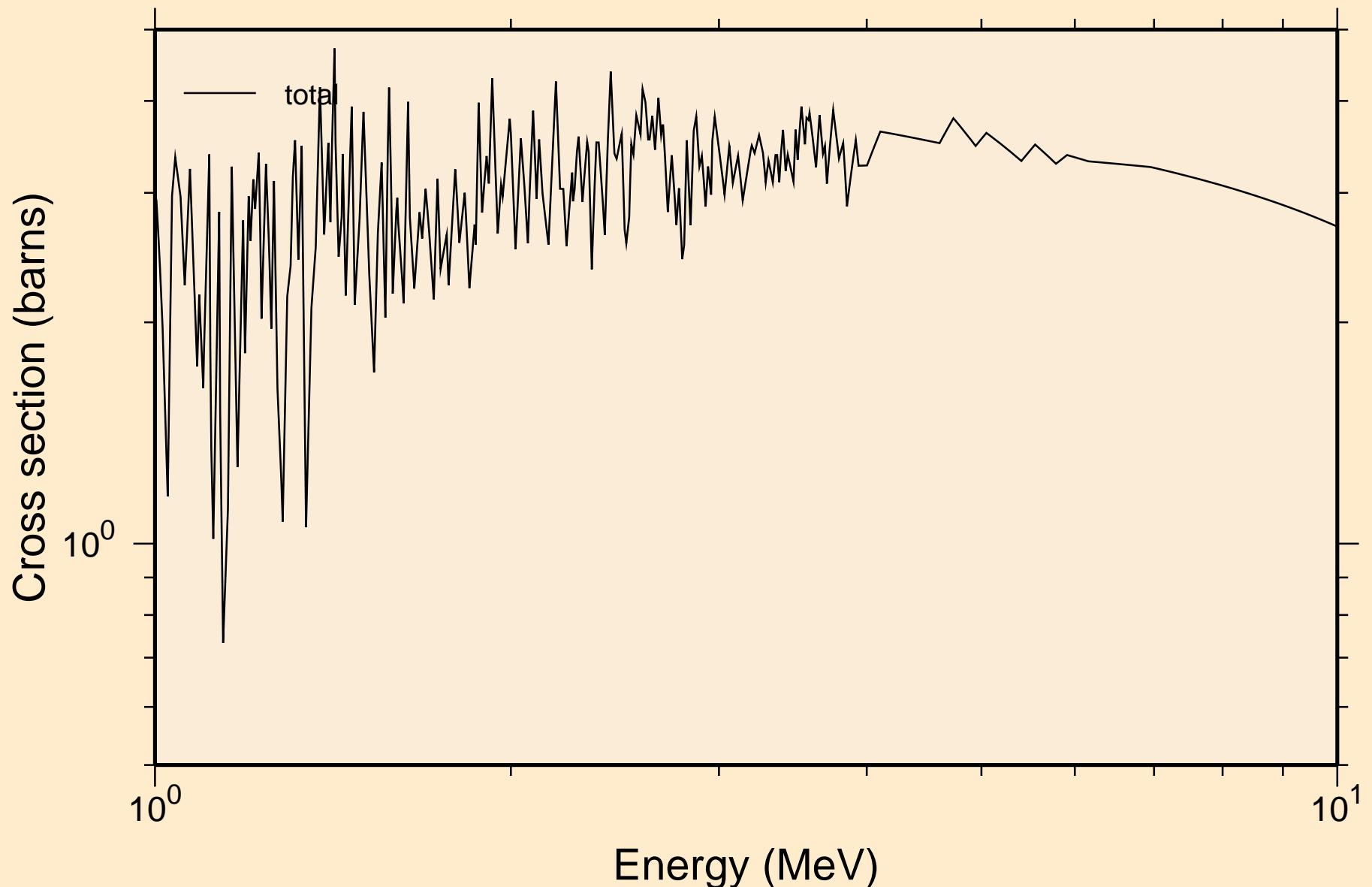
ENDF/B-VII TI-48
resonance total cross section



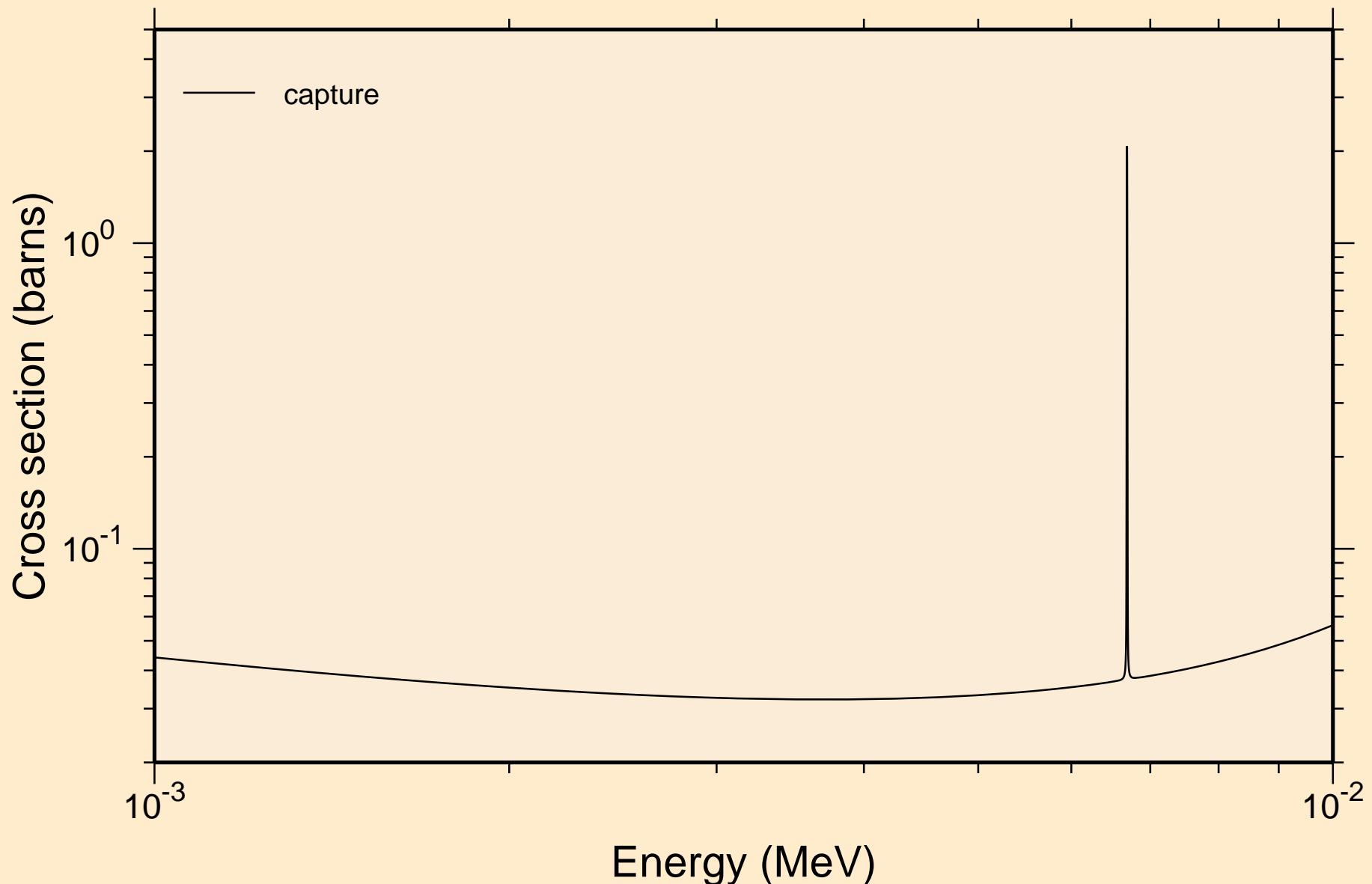
ENDF/B-VII TI-48
resonance total cross section



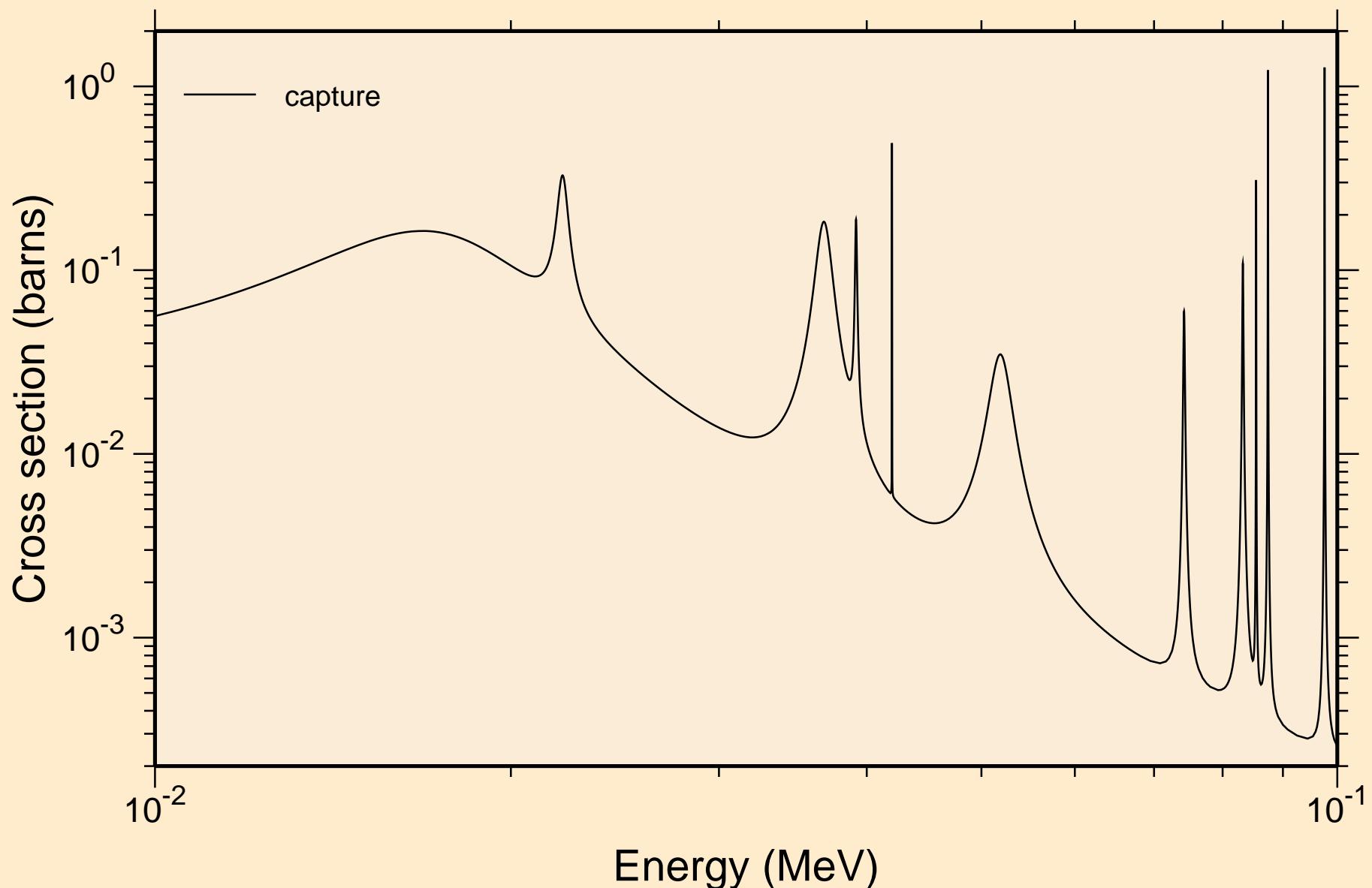
ENDF/B-VII TI-48
resonance total cross section



ENDF/B-VII TI-48
resonance absorption cross sections

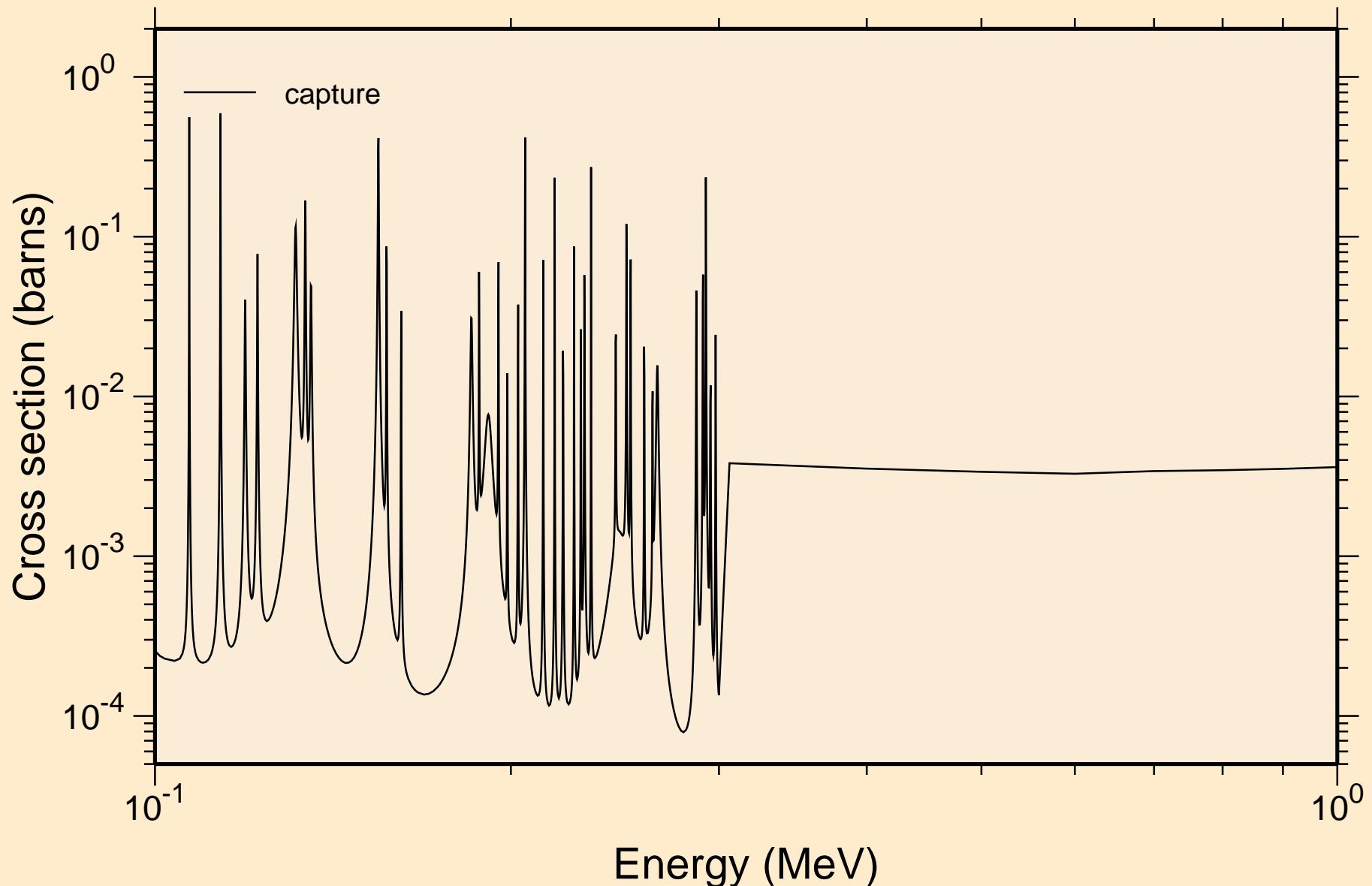


ENDF/B-VII TI-48
resonance absorption cross sections

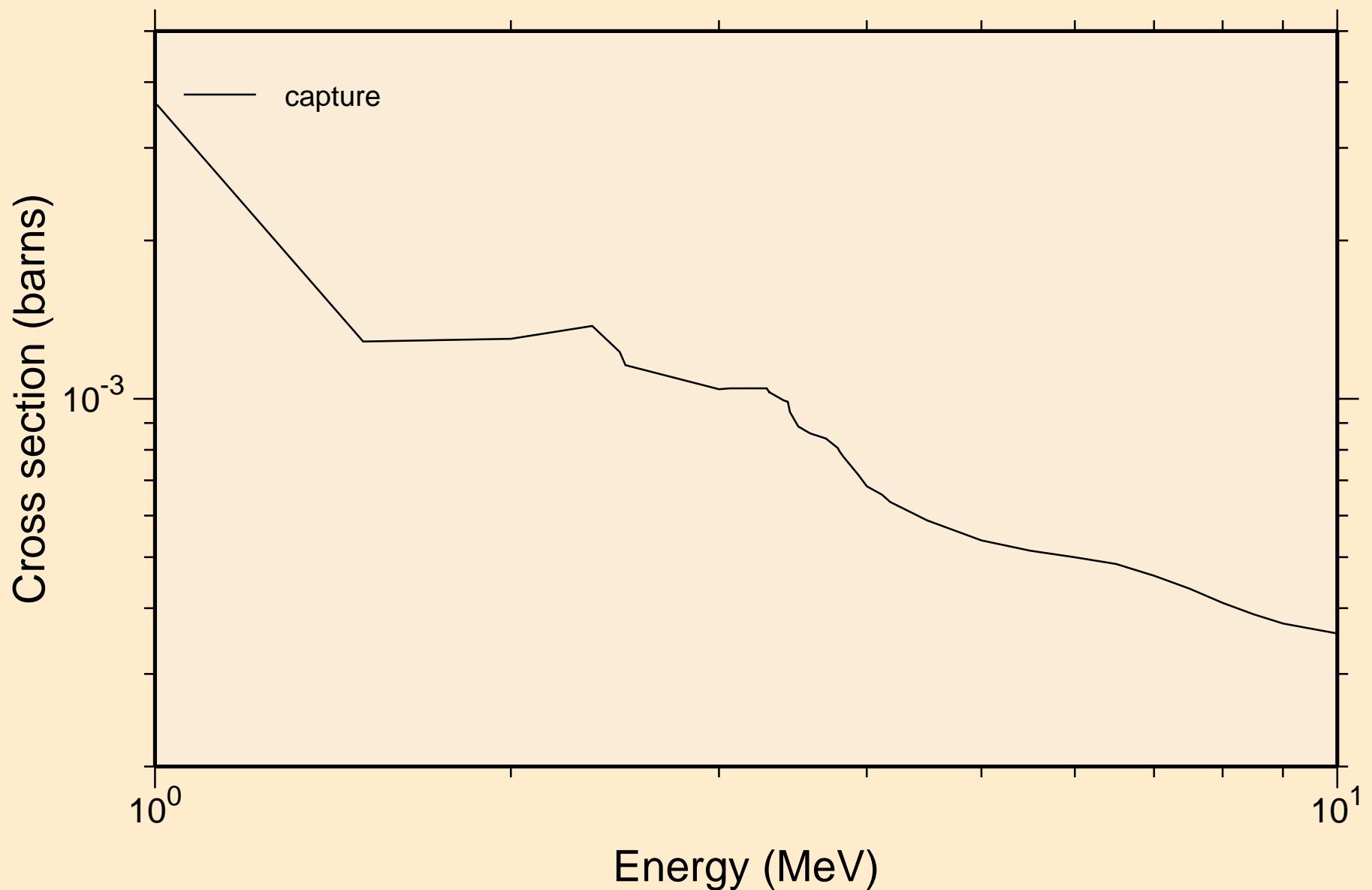


ENDF/B-VII TI-48

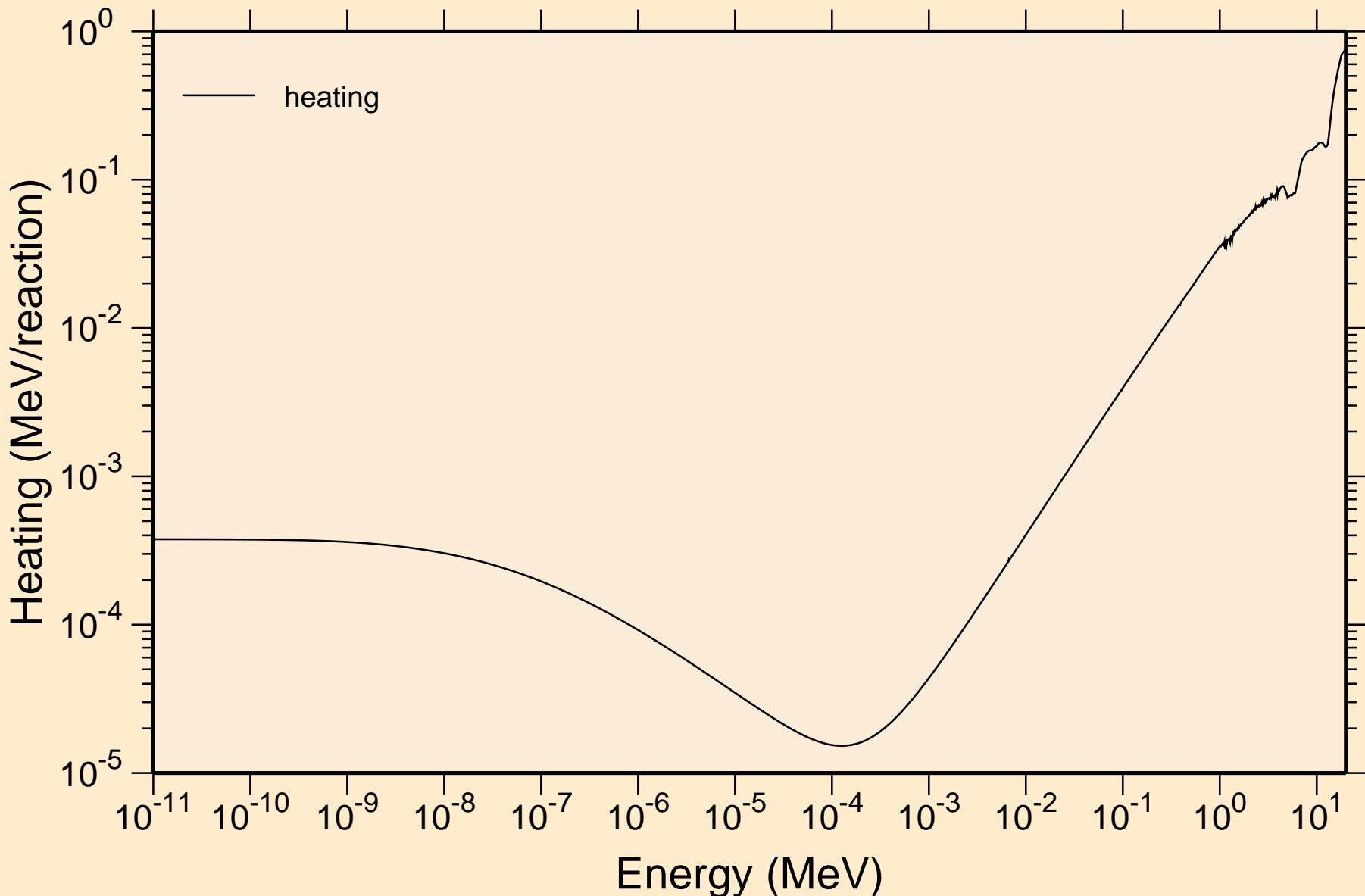
resonance absorption cross sections



ENDF/B-VII TI-48
resonance absorption cross sections

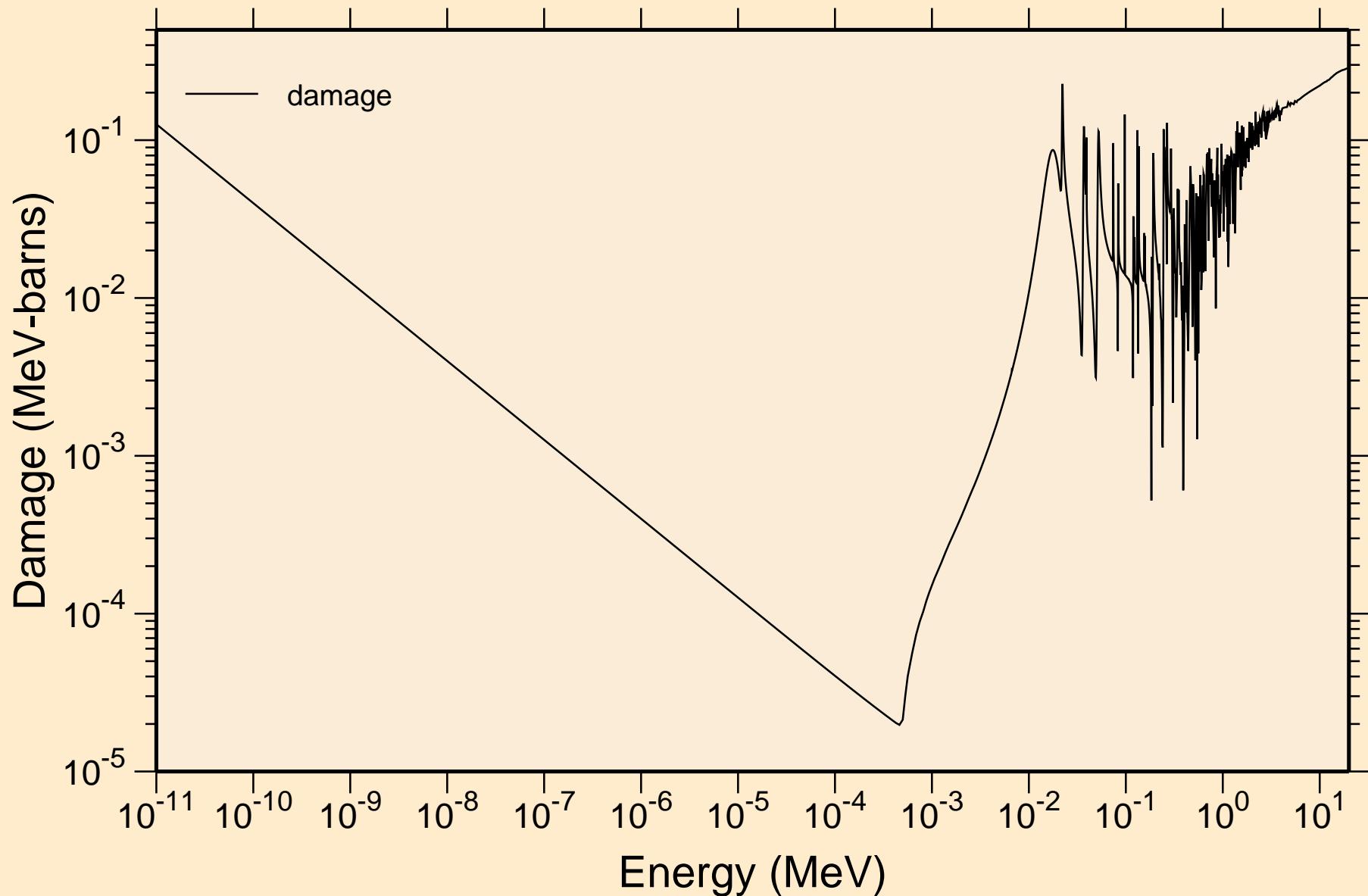


ENDF/B-VII TI-48
Heating

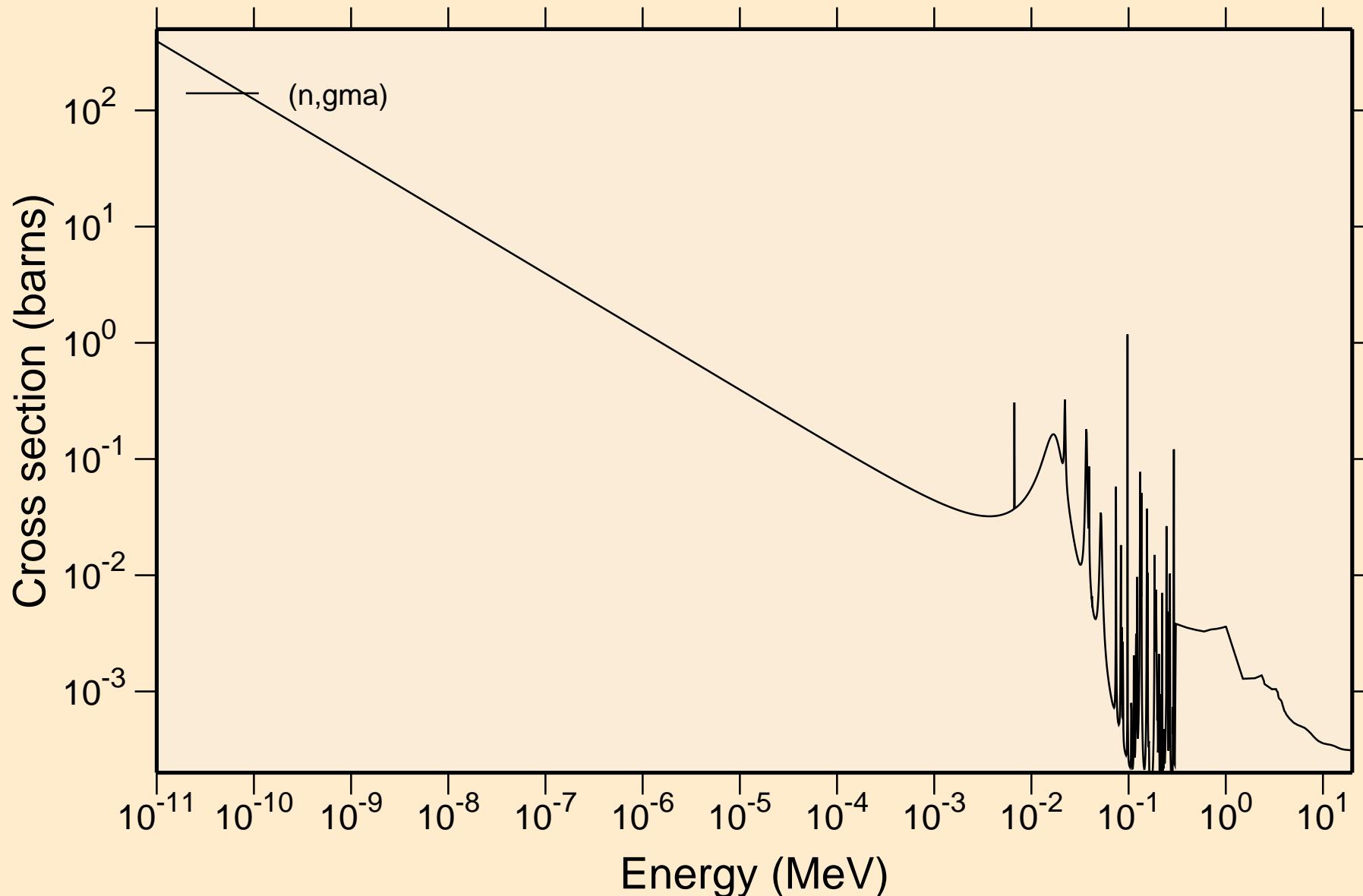


ENDF/B-VII TI-48

Damage

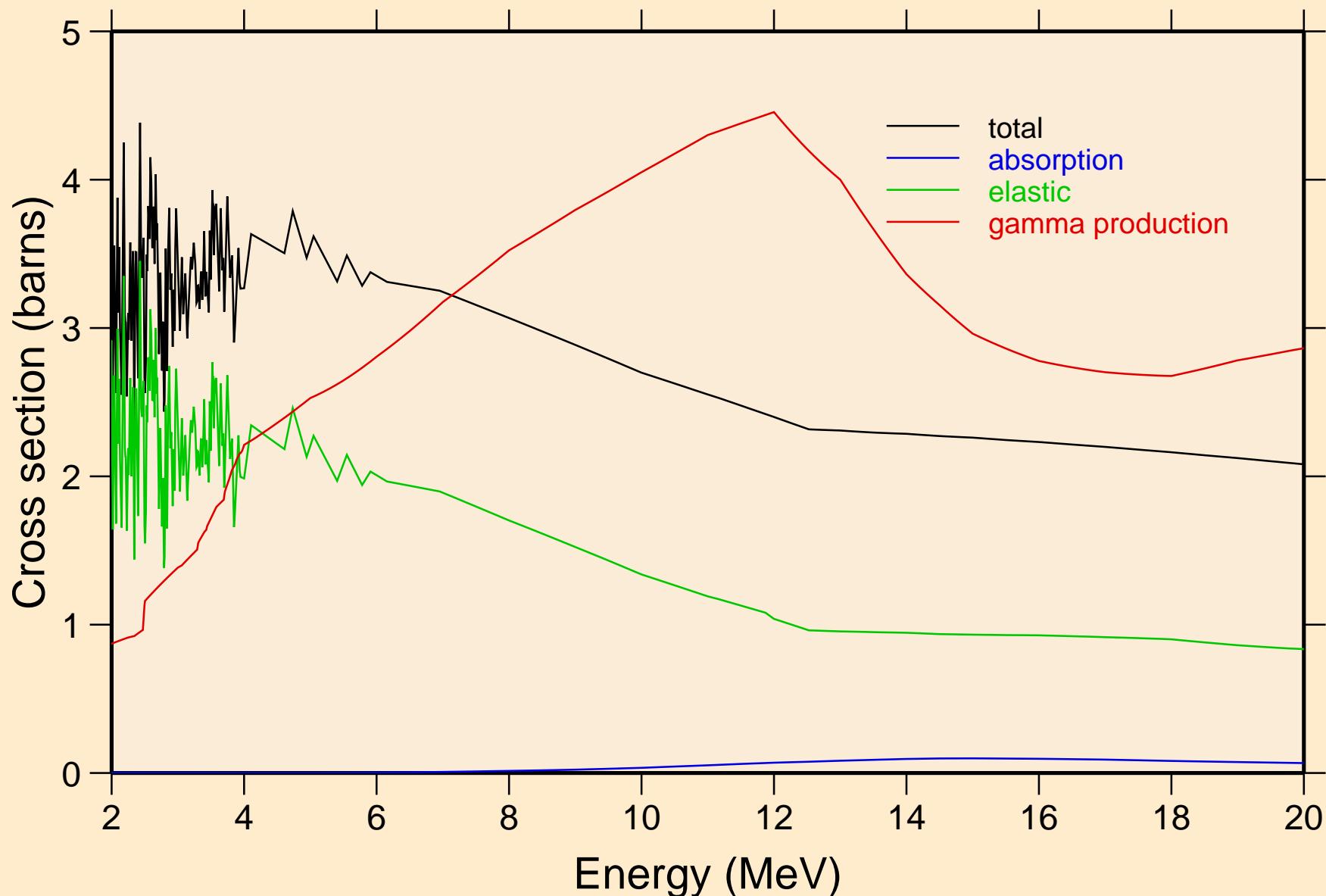


ENDF/B-VII TI-48
Non-threshold reactions

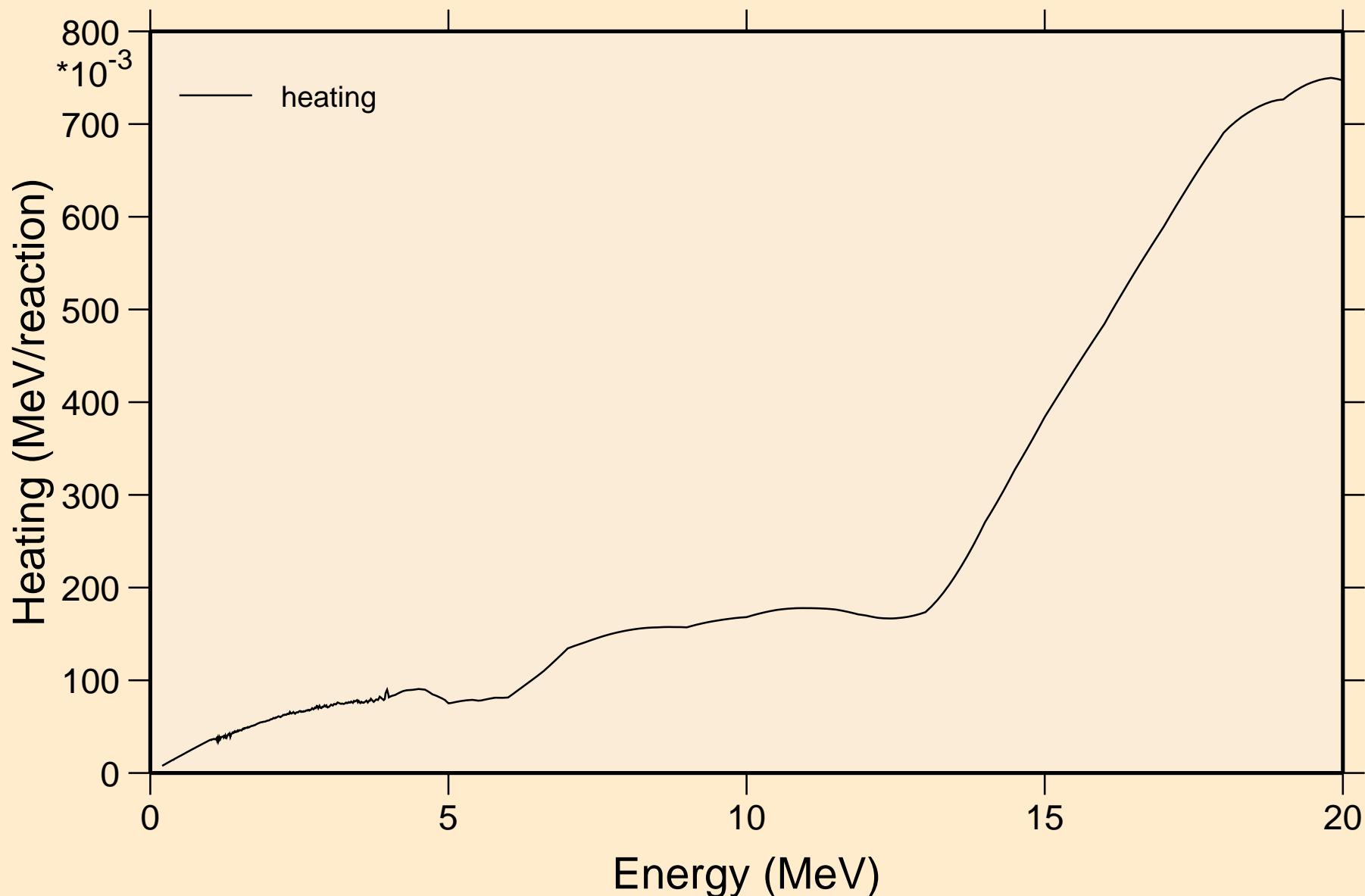


ENDF/B-VII TI-48

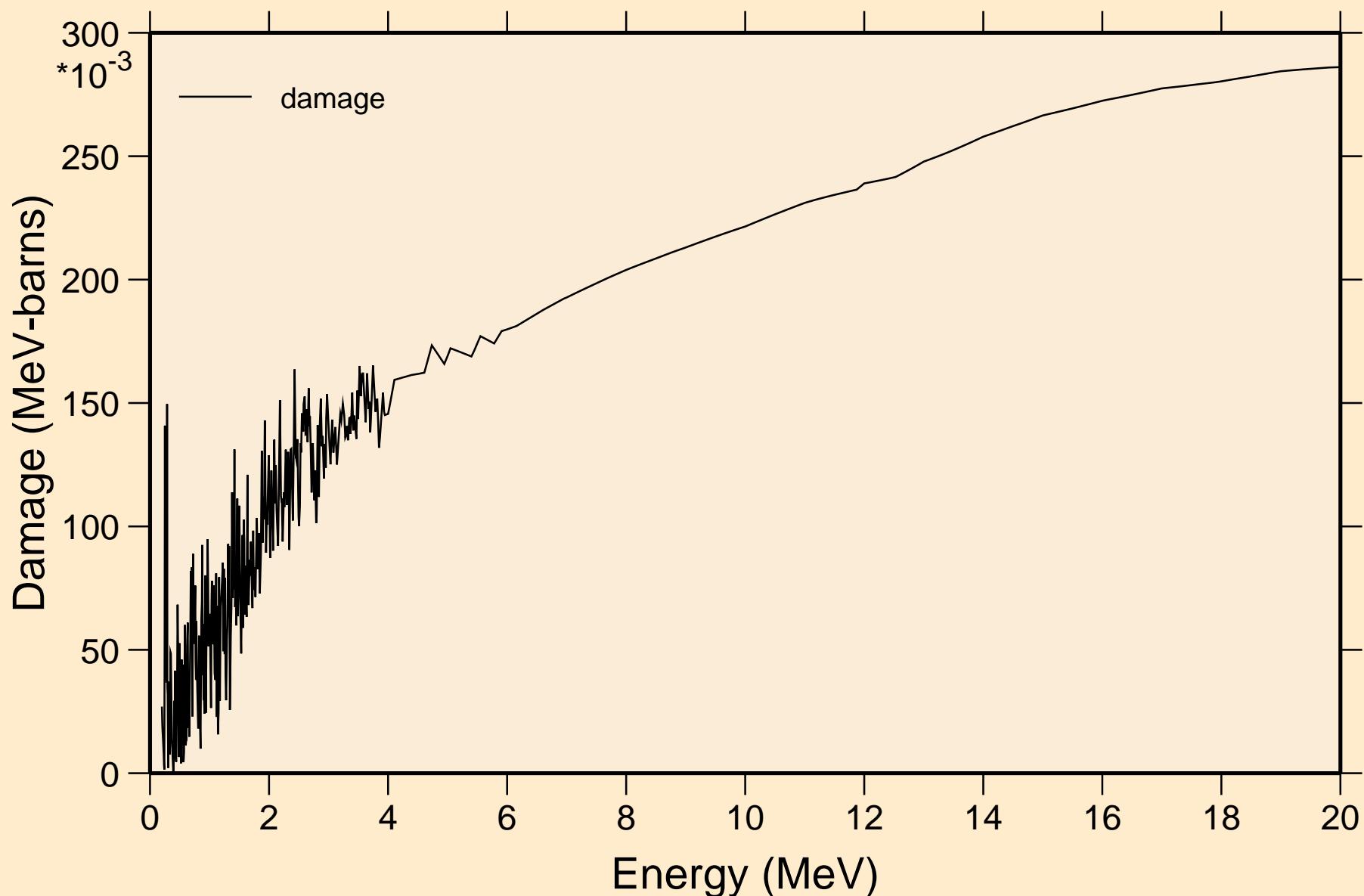
Principal cross sections



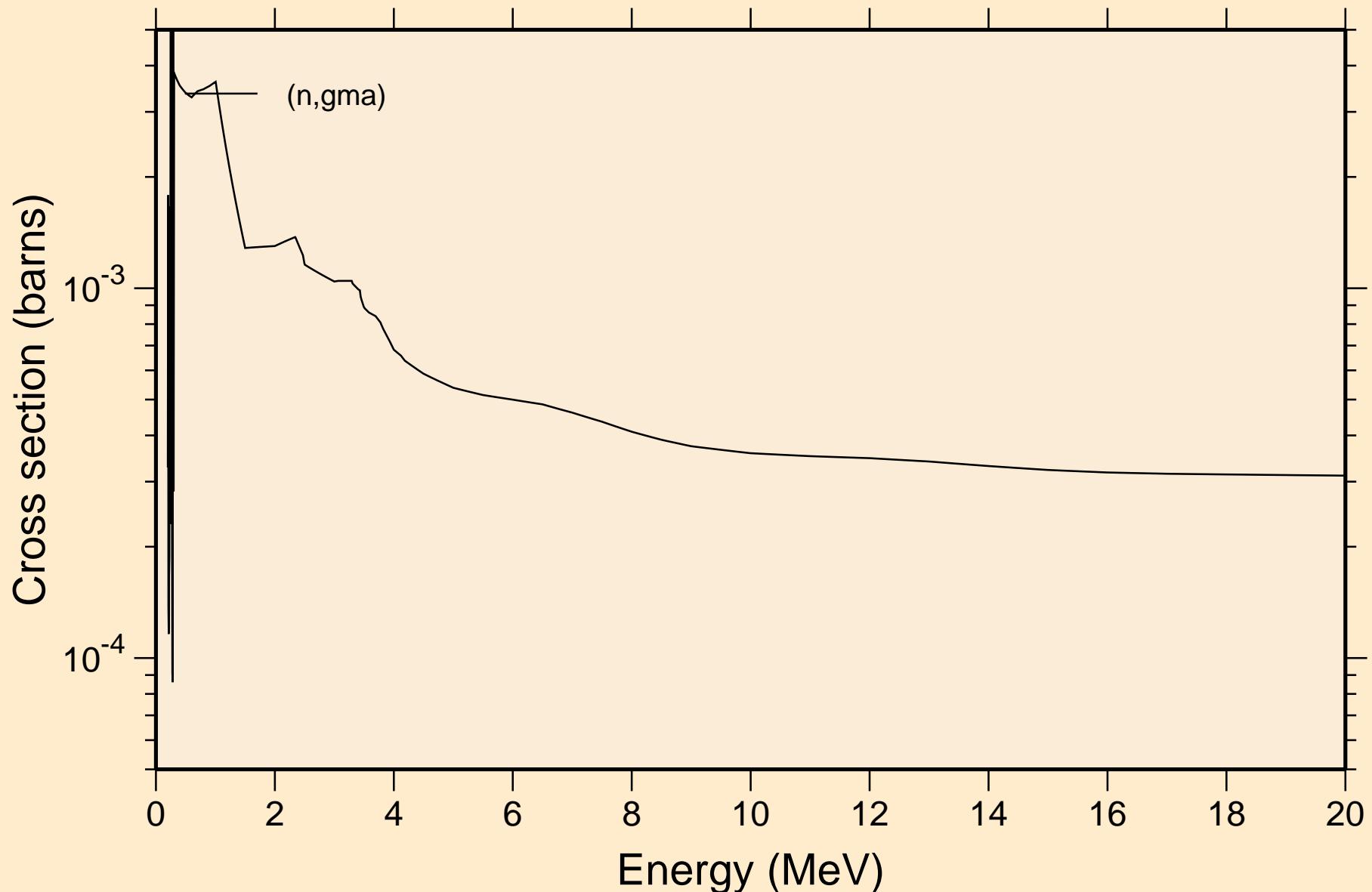
ENDF/B-VII TI-48
Heating



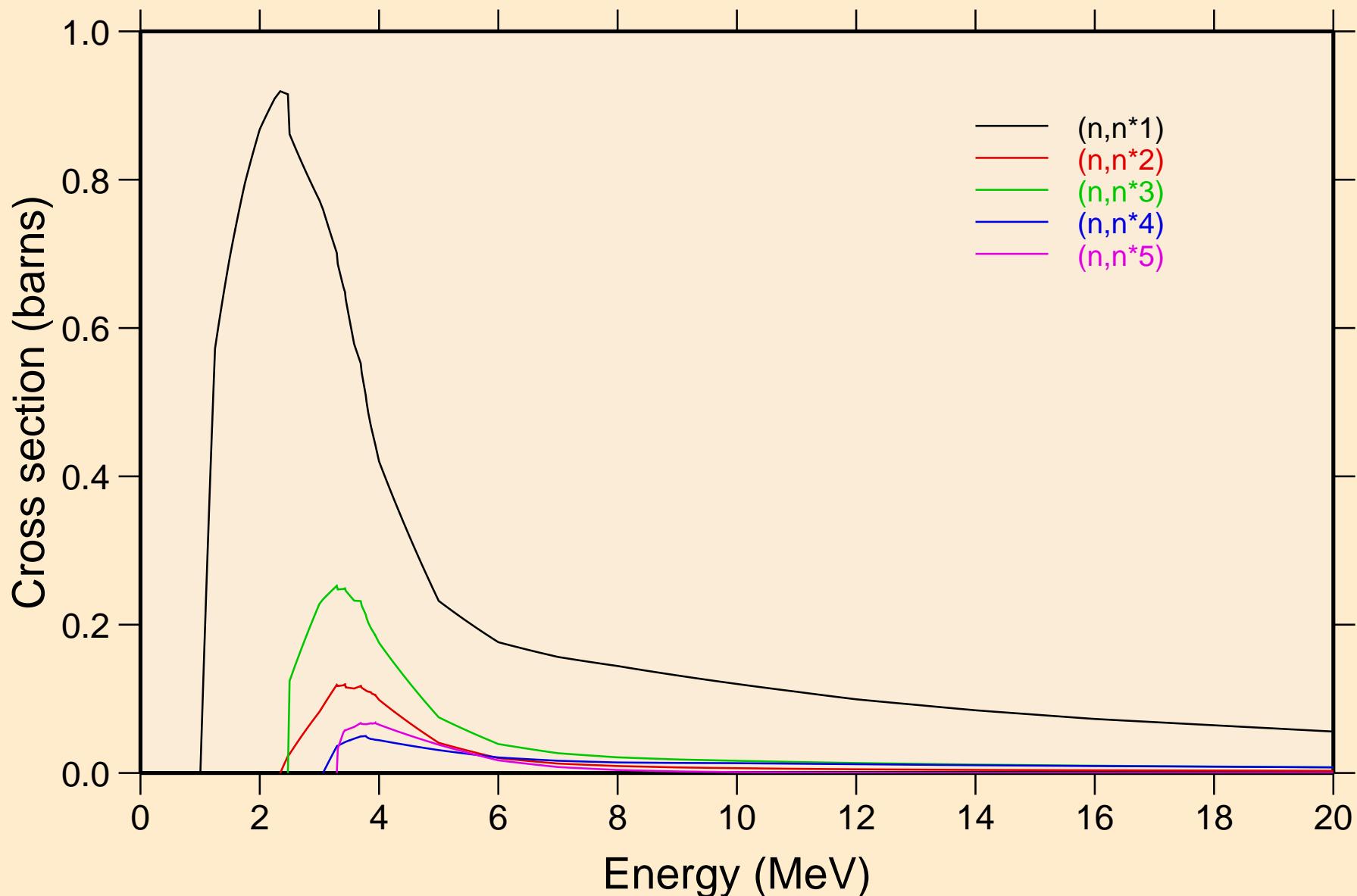
ENDF/B-VII TI-48
Damage



ENDF/B-VII TI-48
Non-threshold reactions

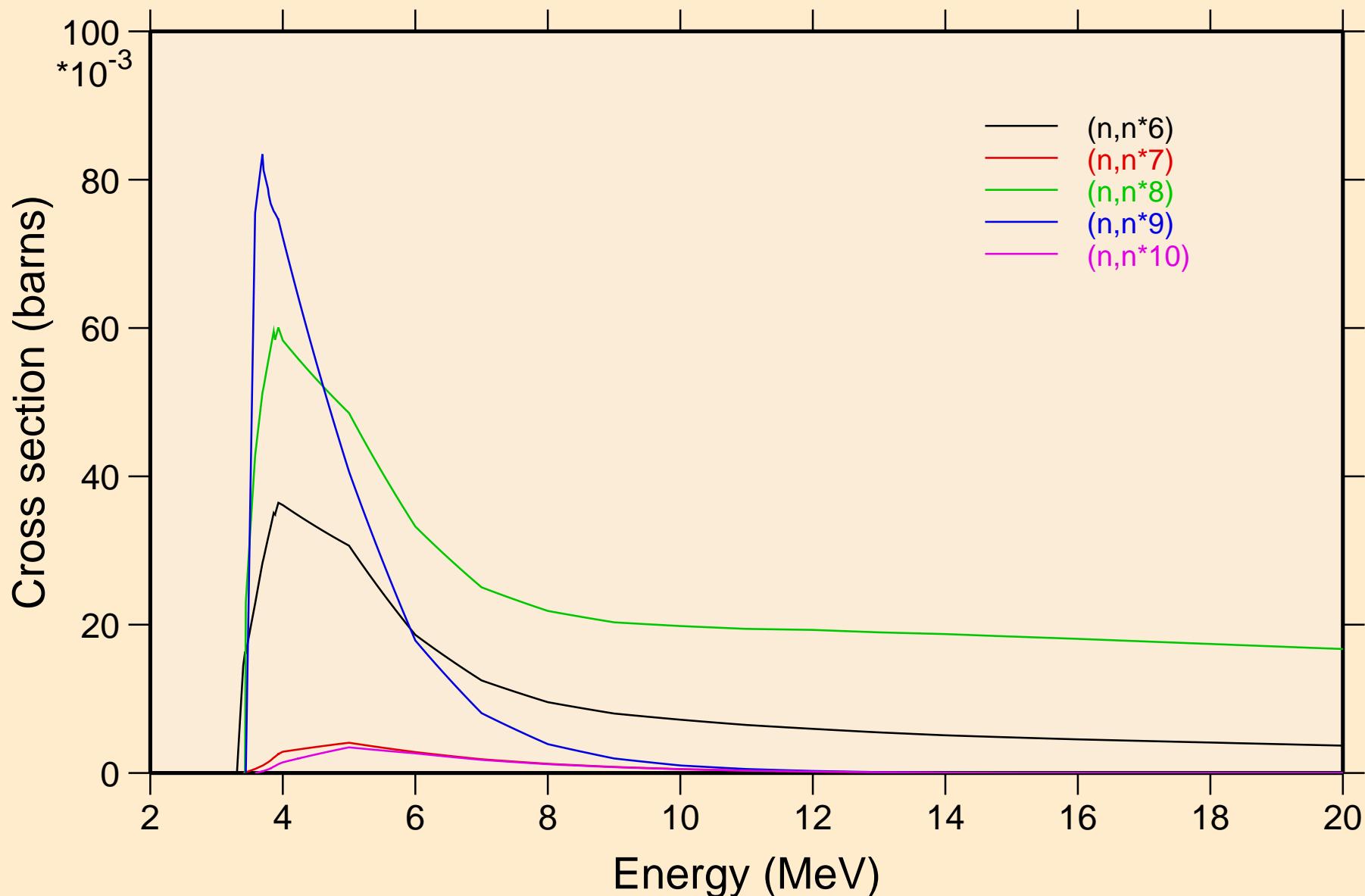


ENDF/B-VII TI-48
Inelastic levels



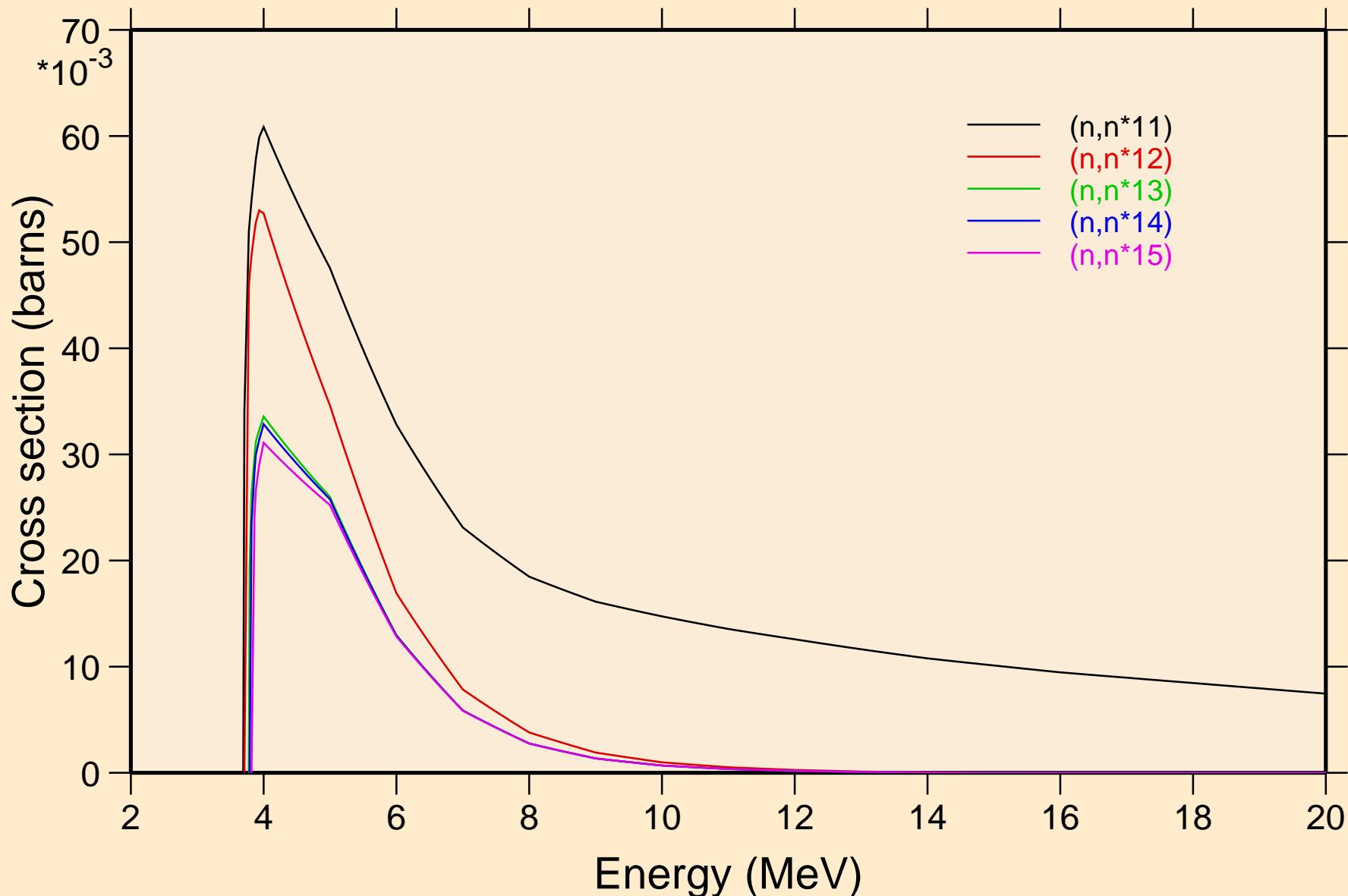
ENDF/B-VII TI-48

Inelastic levels

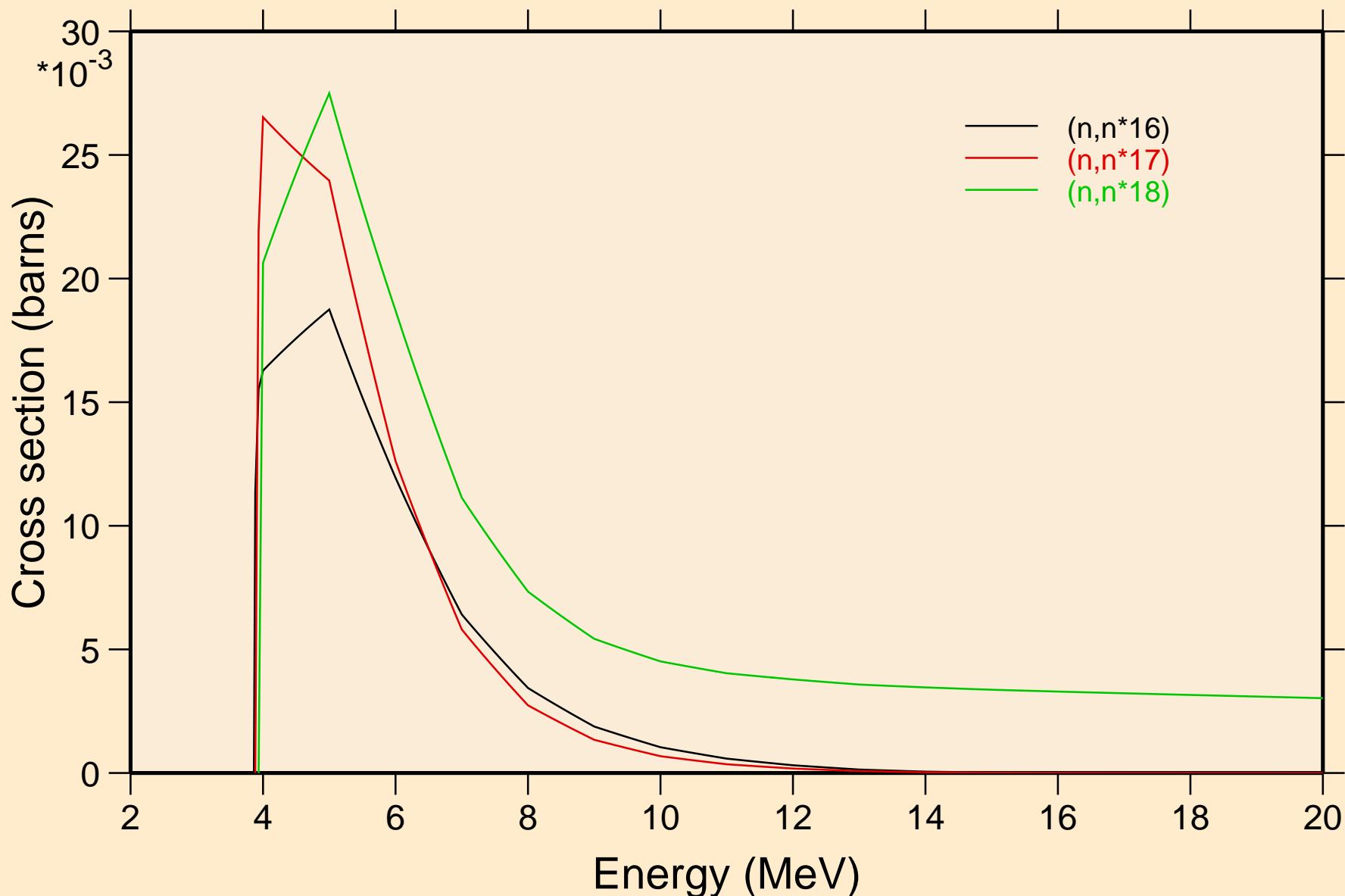


ENDF/B-VII TI-48

Inelastic levels

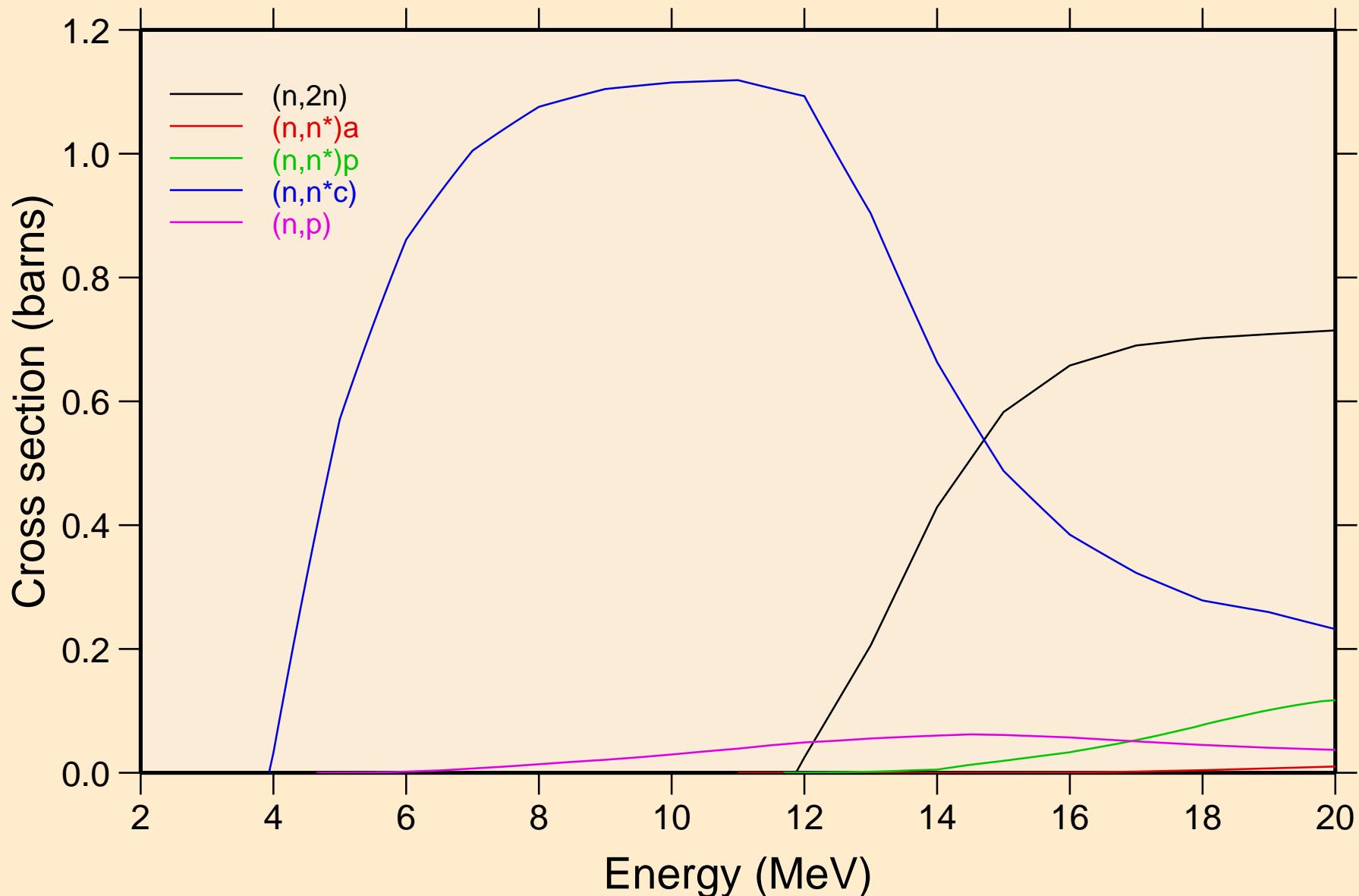


ENDF/B-VII TI-48
Inelastic levels



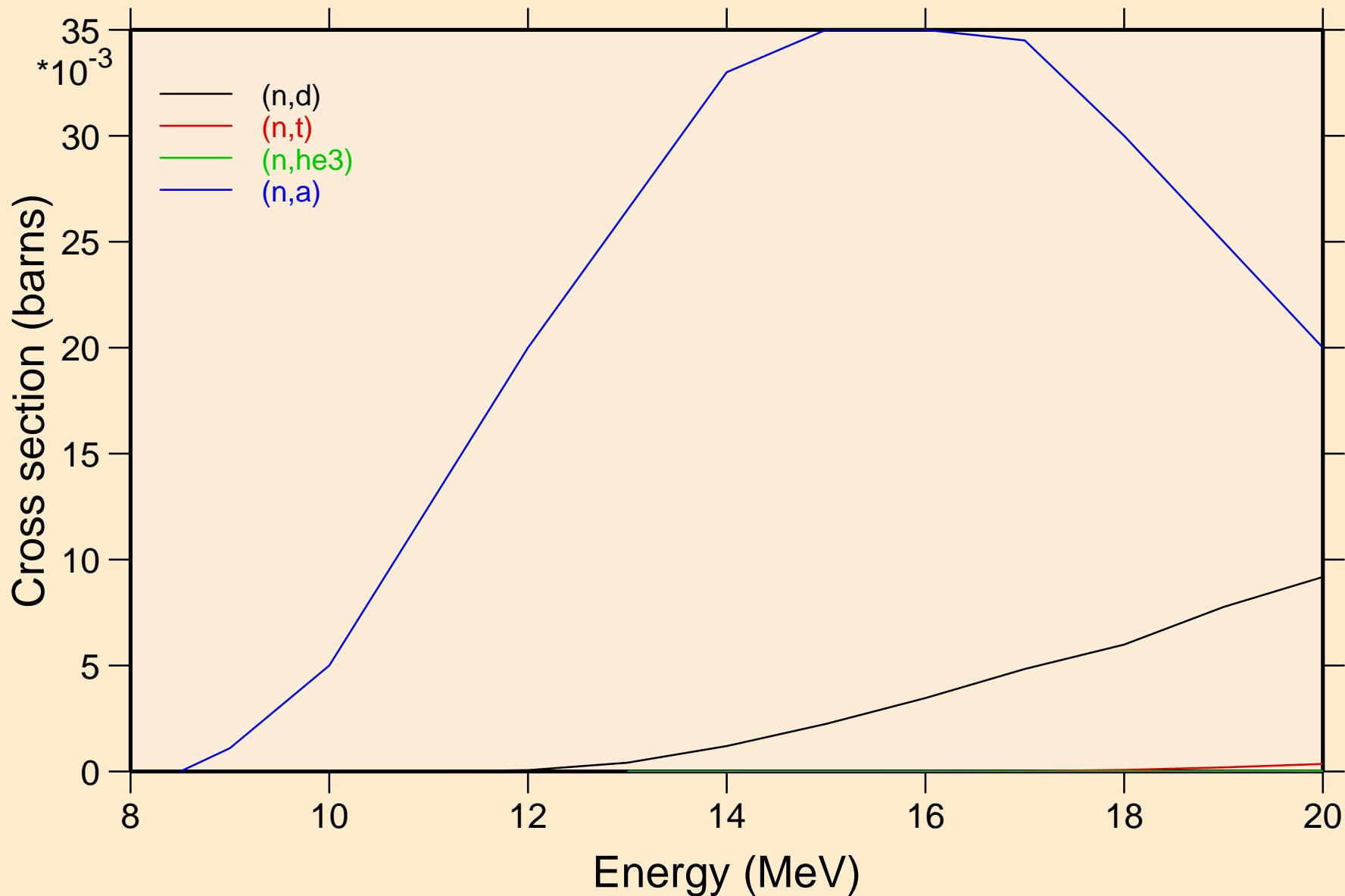
ENDF/B-VII TI-48

Threshold reactions



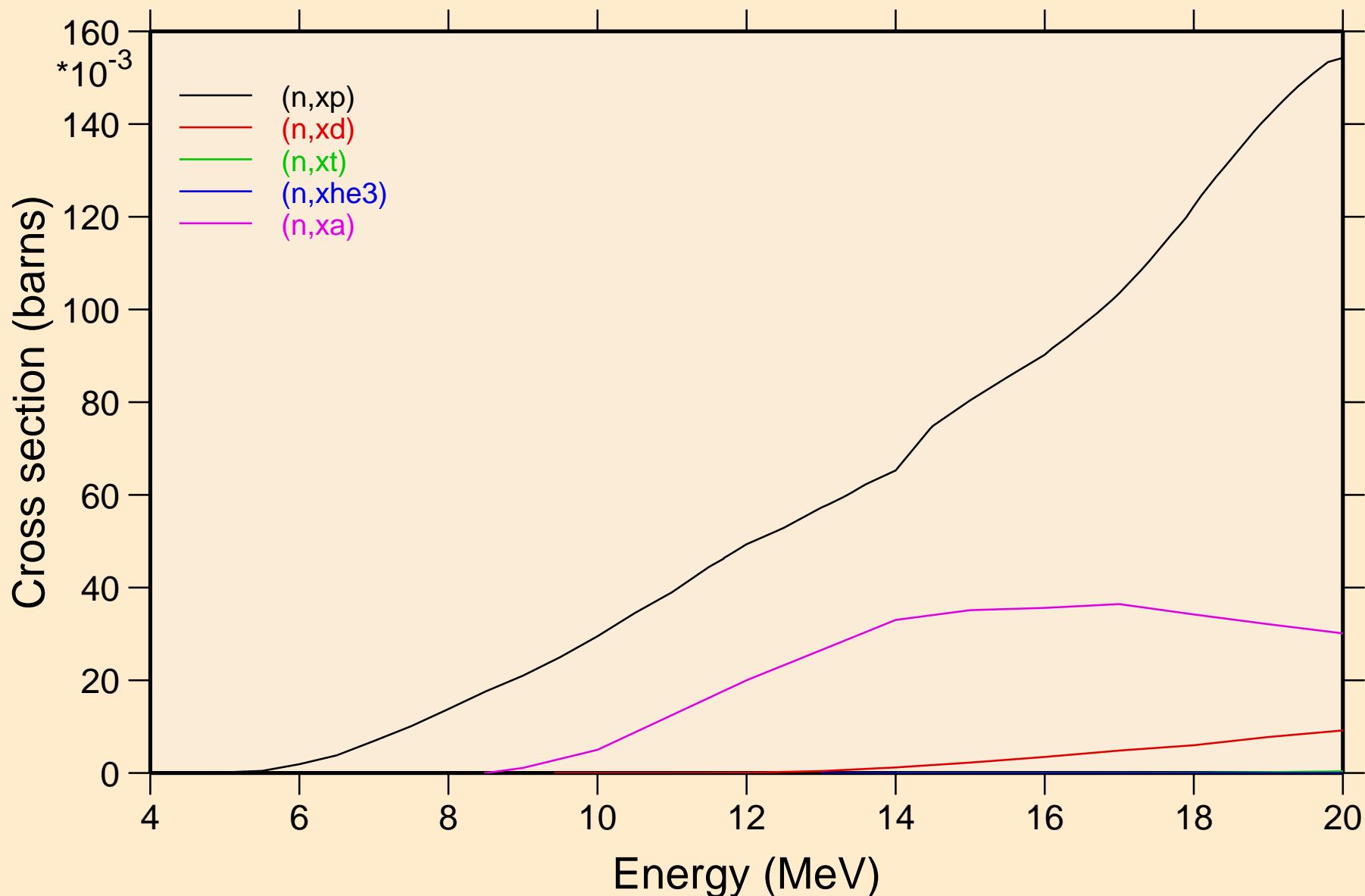
ENDF/B-VII Ti-48

Threshold reactions



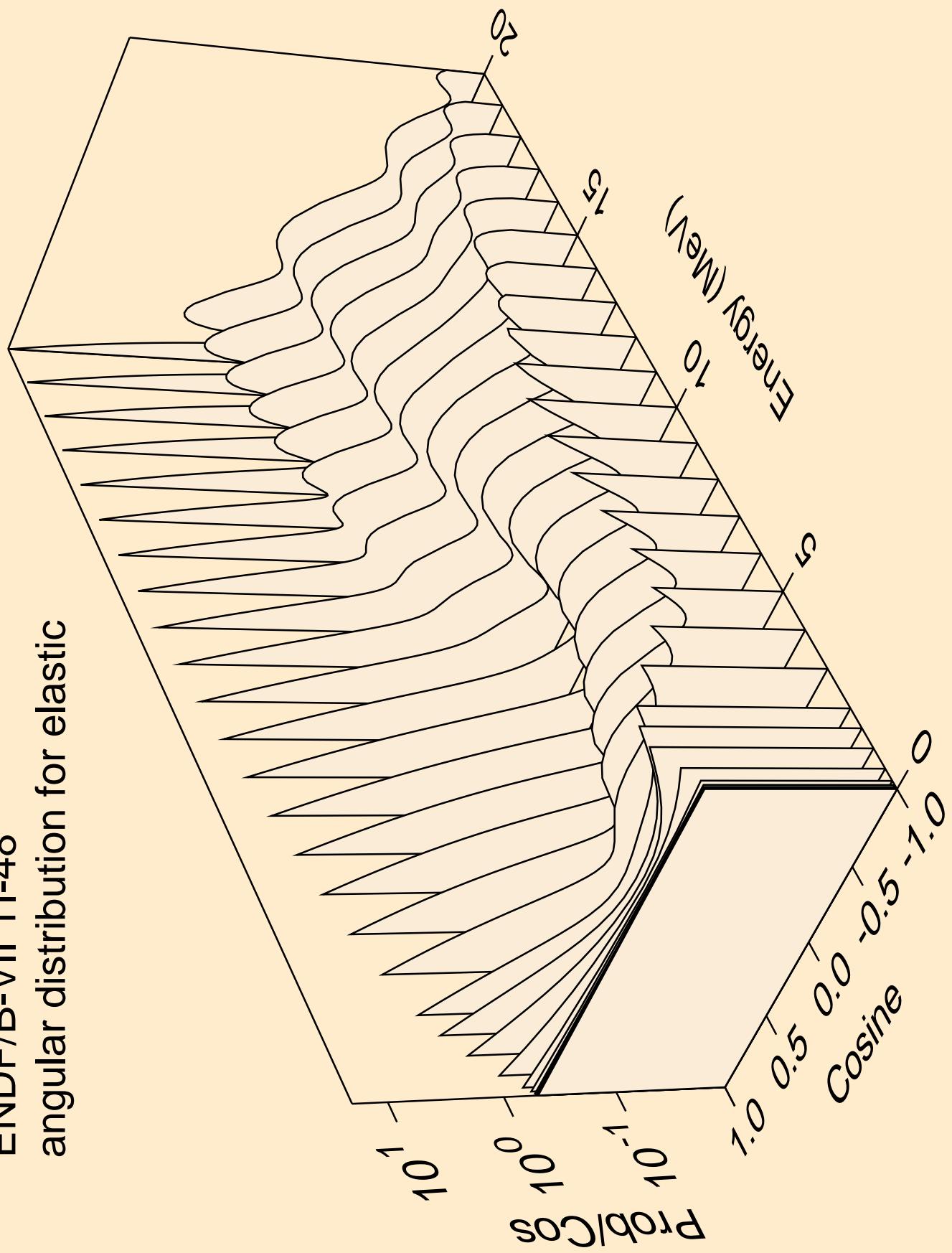
ENDF/B-VII TI-48

Threshold reactions



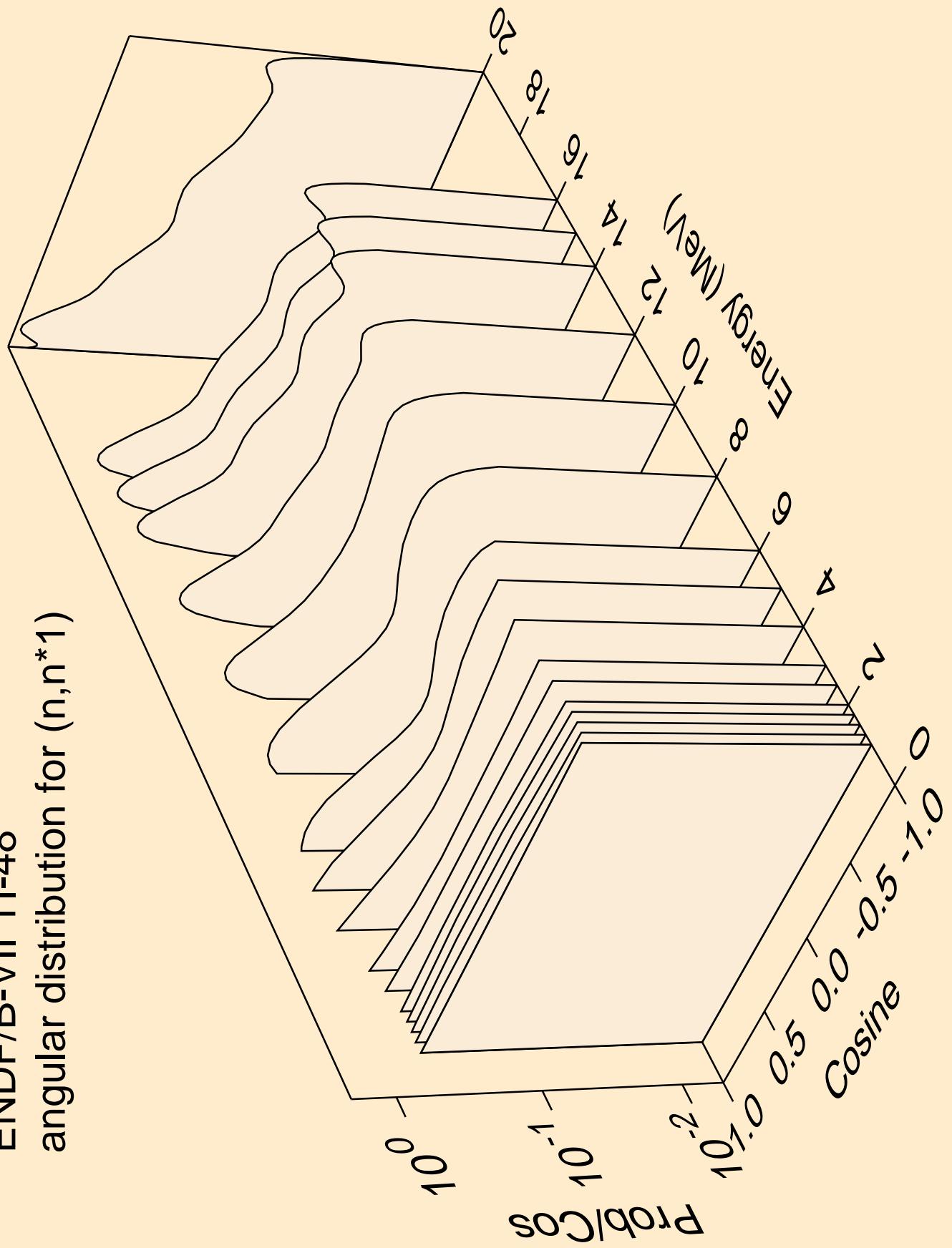
ENDF/B-VII TI-48

angular distribution for elastic



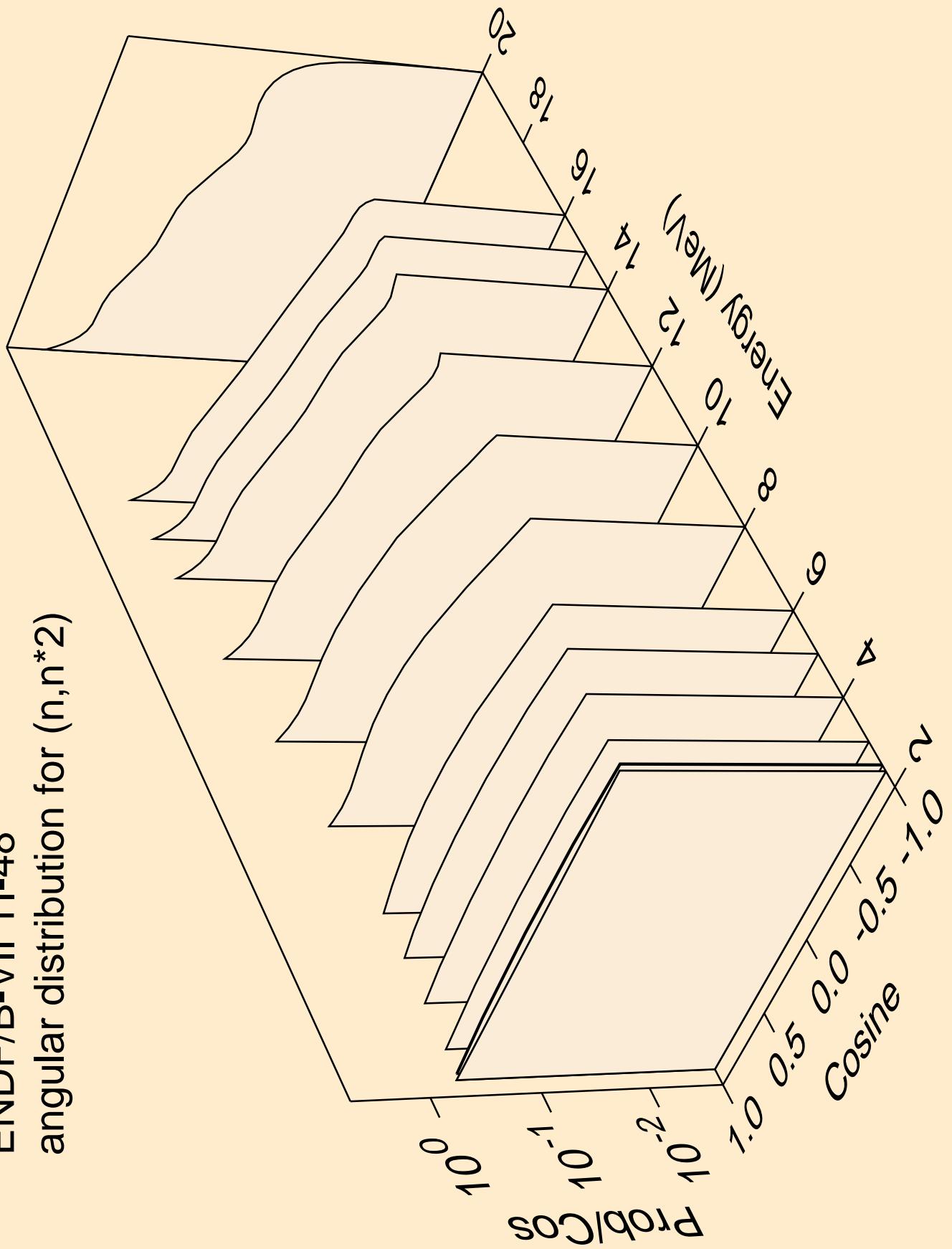
ENDF/B-VII TI-48

angular distribution for ($n, n^* 1$)



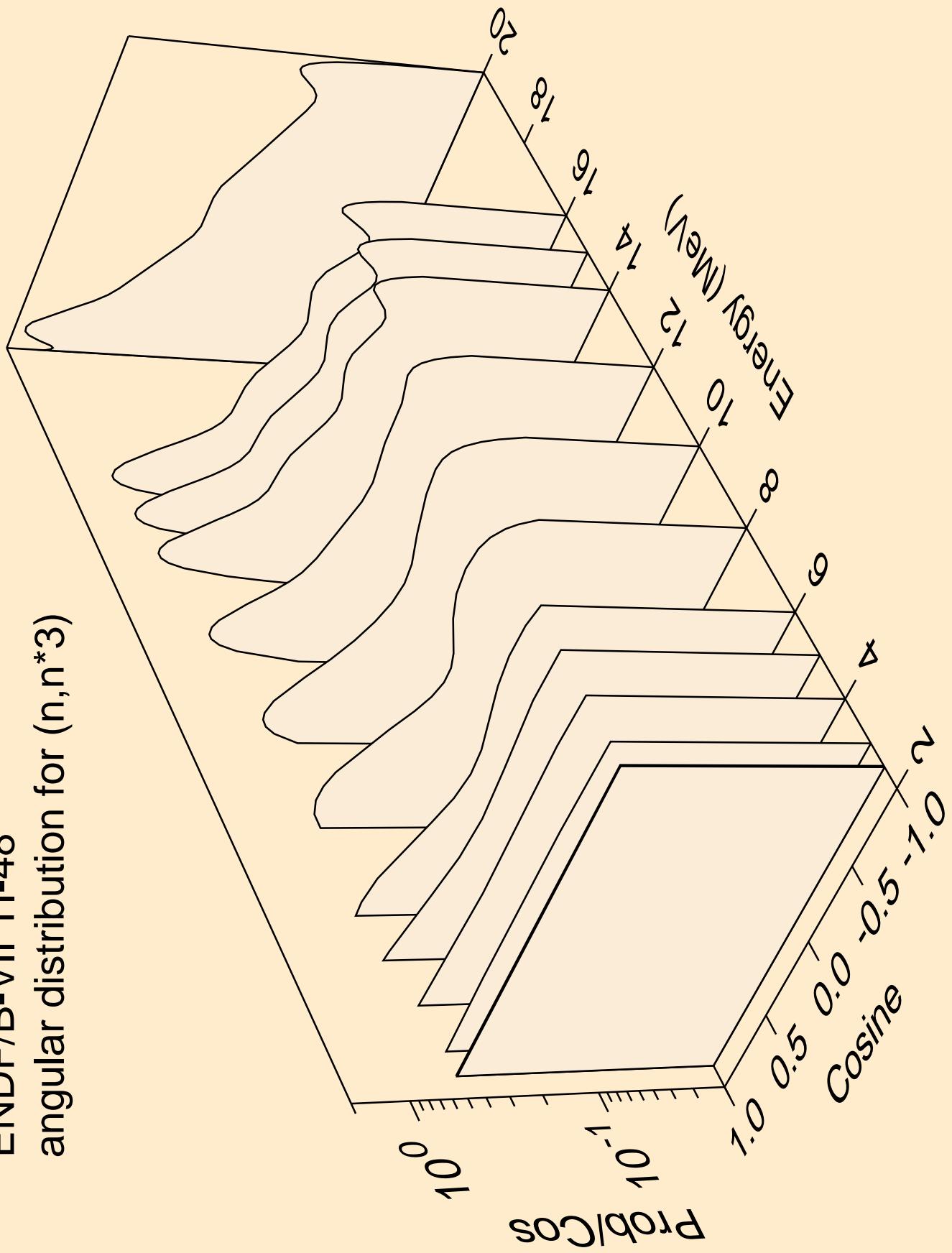
ENDF/B-VII TI-48

angular distribution for (n,n^*2)



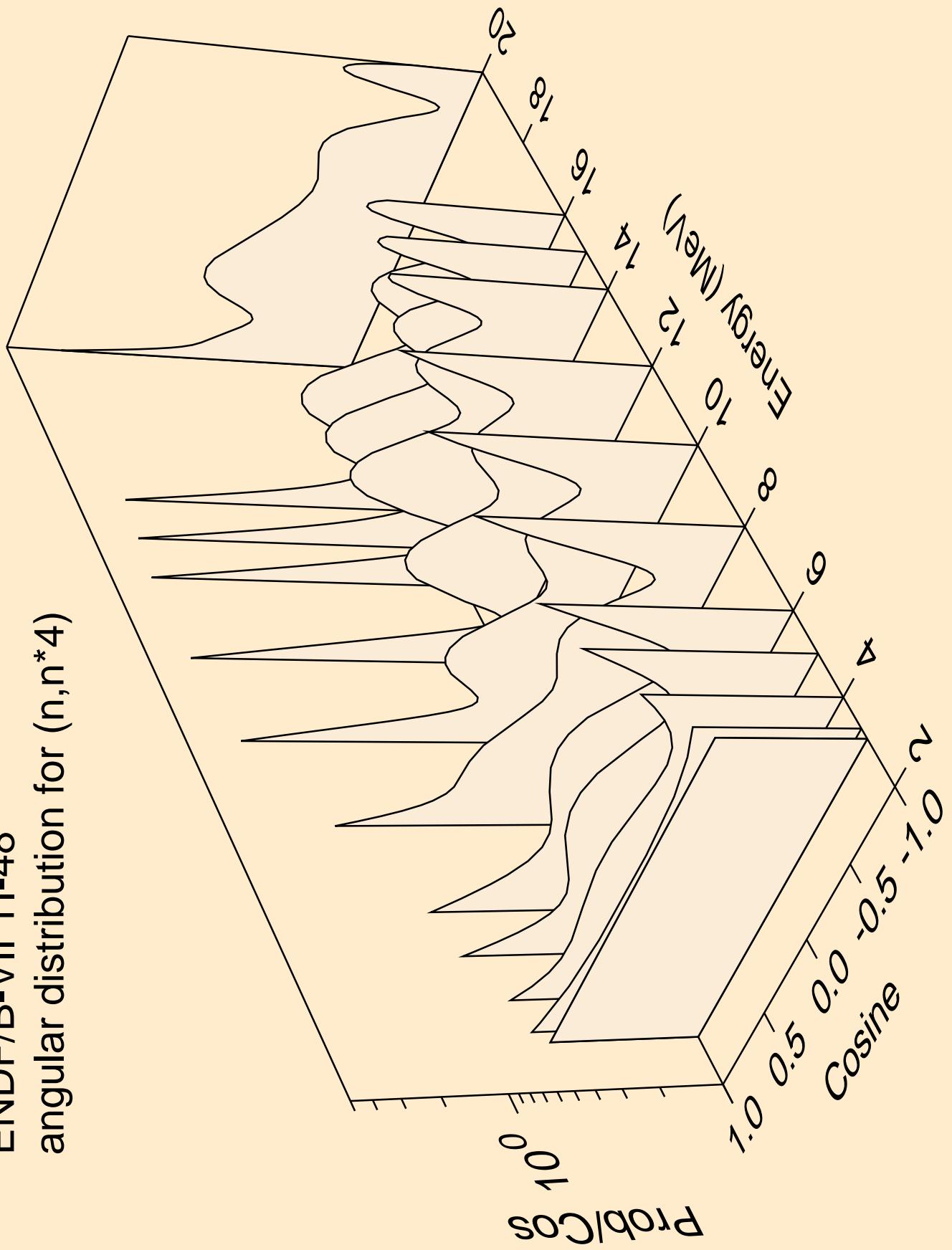
ENDF/B-VII TI-48

angular distribution for (n,n^*3)



ENDF/B-VII T1-48

angular distribution for (n,n^*4)



ENDF/B-VII TI-48

angular distribution for (n,n^*5)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)
10 8 6 4 2

20

18

16

14

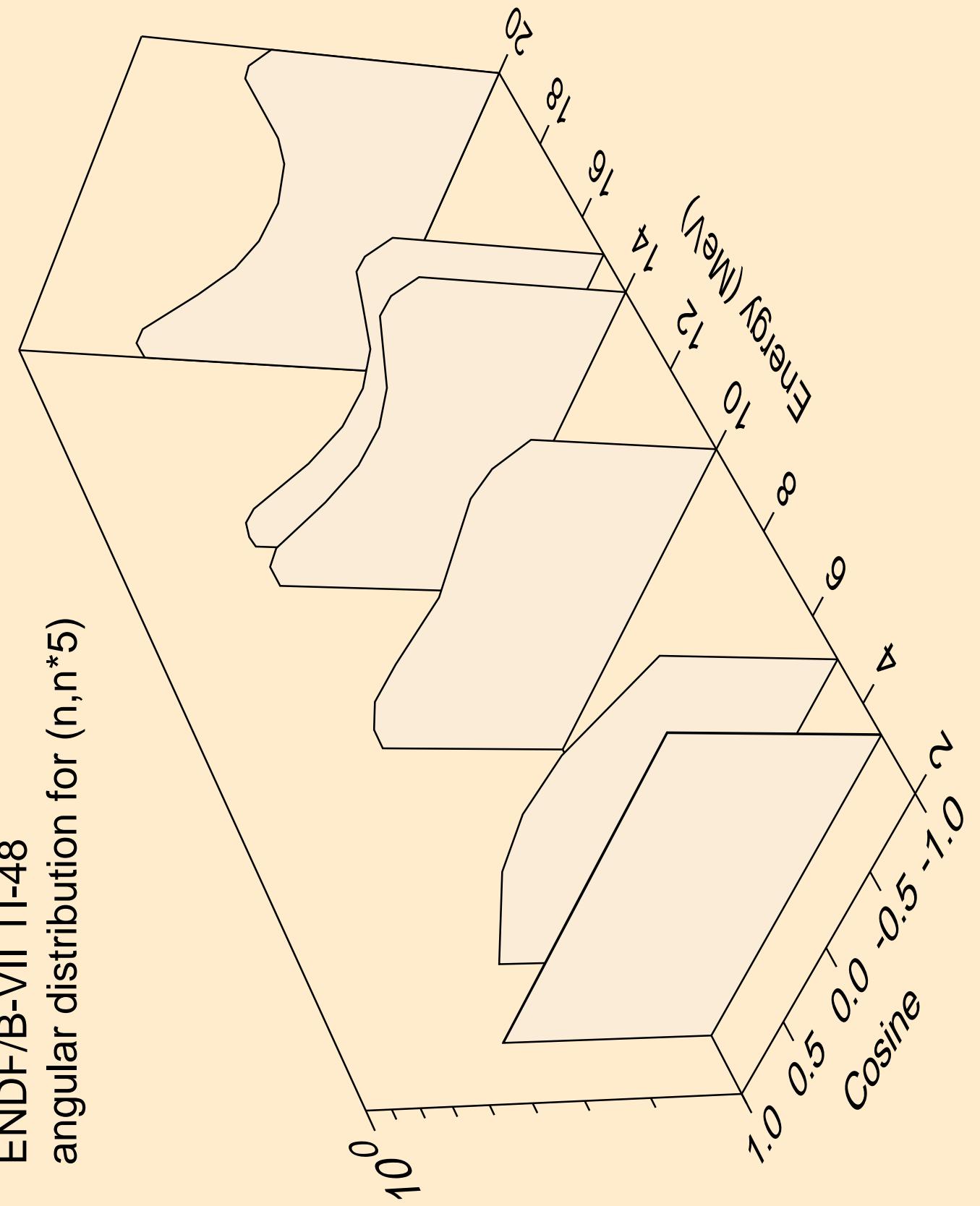
12

10

8

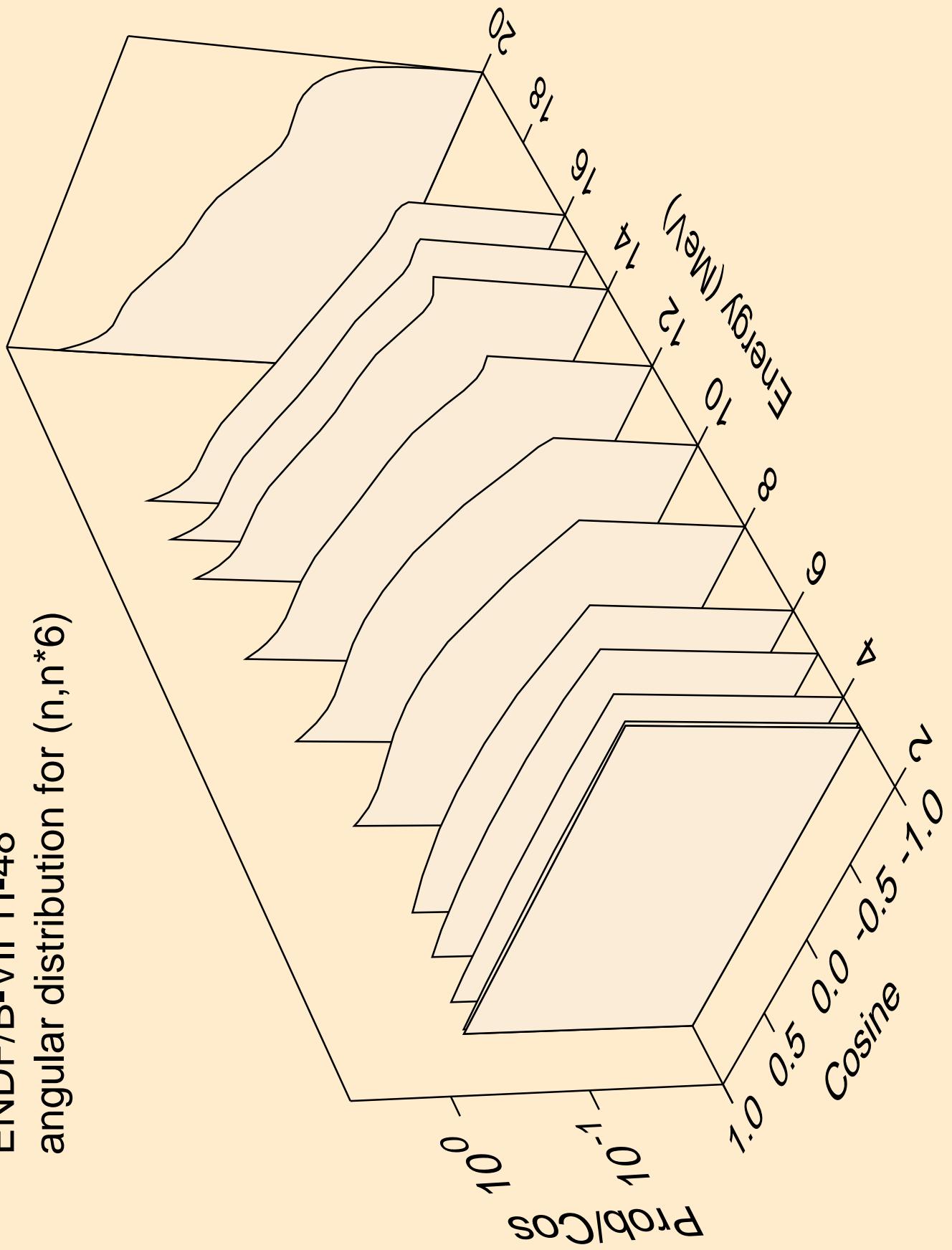
6

4



ENDF/B-VII TI-48

angular distribution for (n,n^*6)



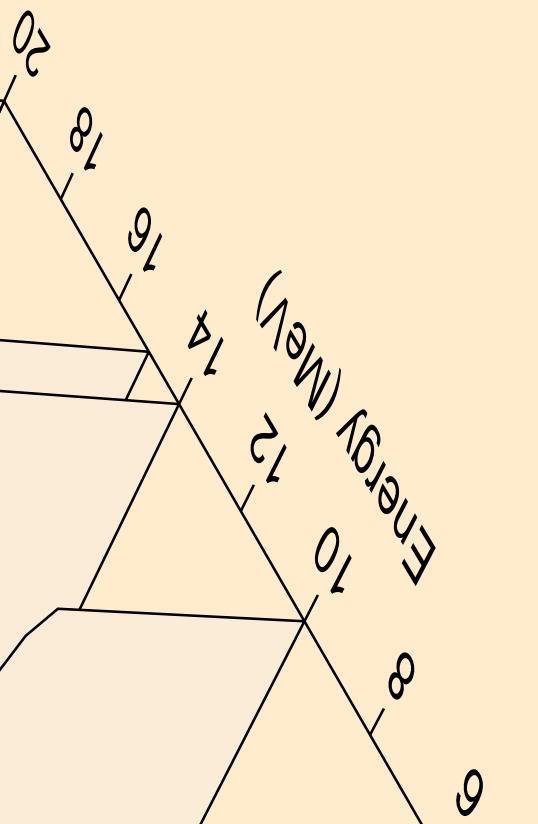
ENDF/B-VII TI-48

angular distribution for (n,n^*7)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



10⁻²
Energy(MeV)
10⁰
10¹
10²
10³
10⁴
10⁵

8
6
4
2
0

10⁻²
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

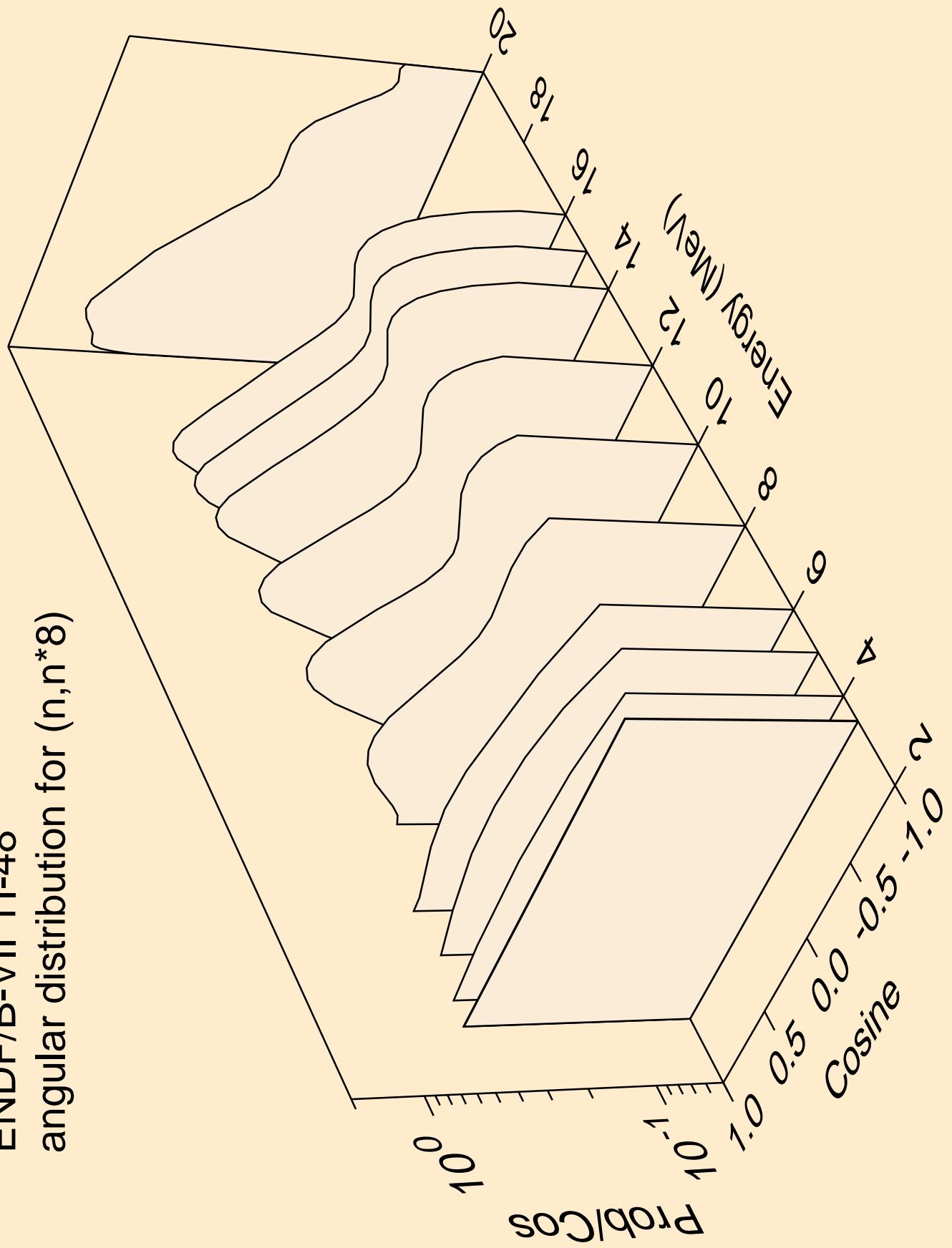
10⁻⁶
10⁻⁷
10⁻⁸
10⁻⁹
10⁻¹⁰

10⁻¹¹
10⁻¹²
10⁻¹³
10⁻¹⁴
10⁻¹⁵

10⁻¹⁶
10⁻¹⁷
10⁻¹⁸
10⁻¹⁹
10⁻²⁰

ENDF/B-VII TI-48

angular distribution for $(n,n^*)^8$



ENDF/B-VII TI-48

angular distribution for (n,n*9)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

10

8

6

4

2

0

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII TI-48

angular distribution for (n,n*10)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

20

18

16

14

12

10

8

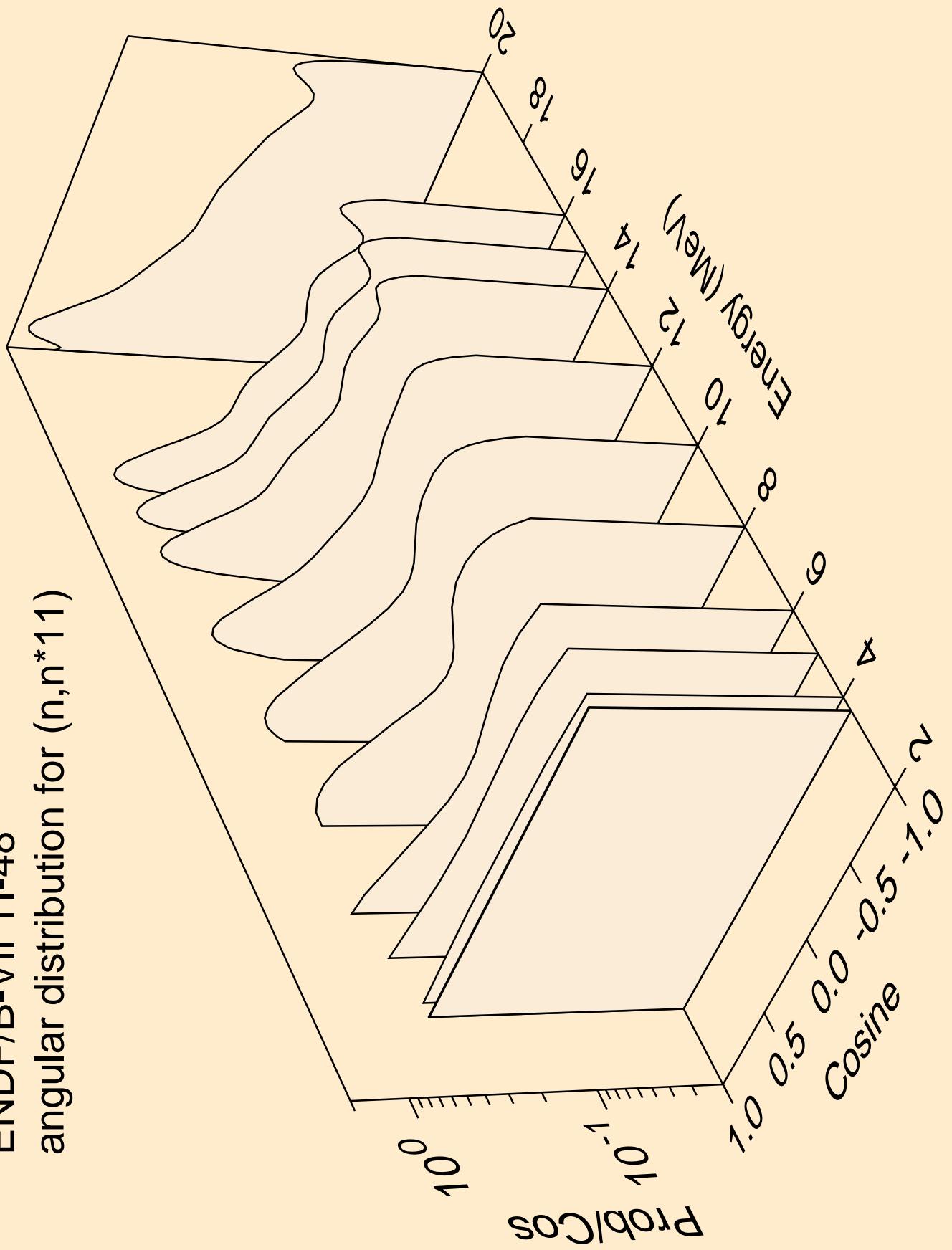
6

4

2

ENDF/B-VII T1-48

angular distribution for (n,n^*11)



ENDF/B-VII TI-48

angular distribution for (n,n^*12)

10^0

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

Energies (MeV)

10

8

6

4

2

0

20

18

16

14

12

10

8

6

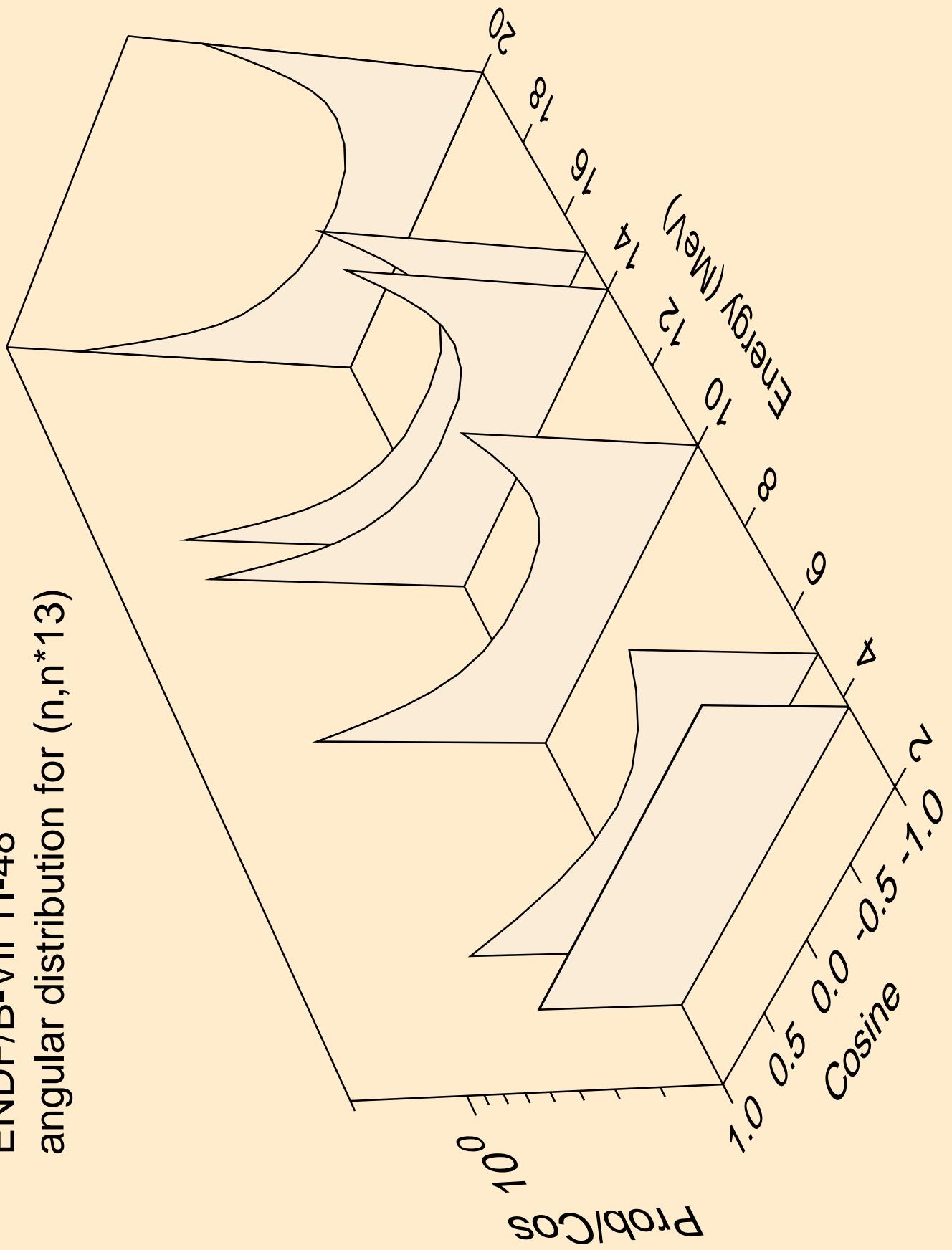
4

2

0

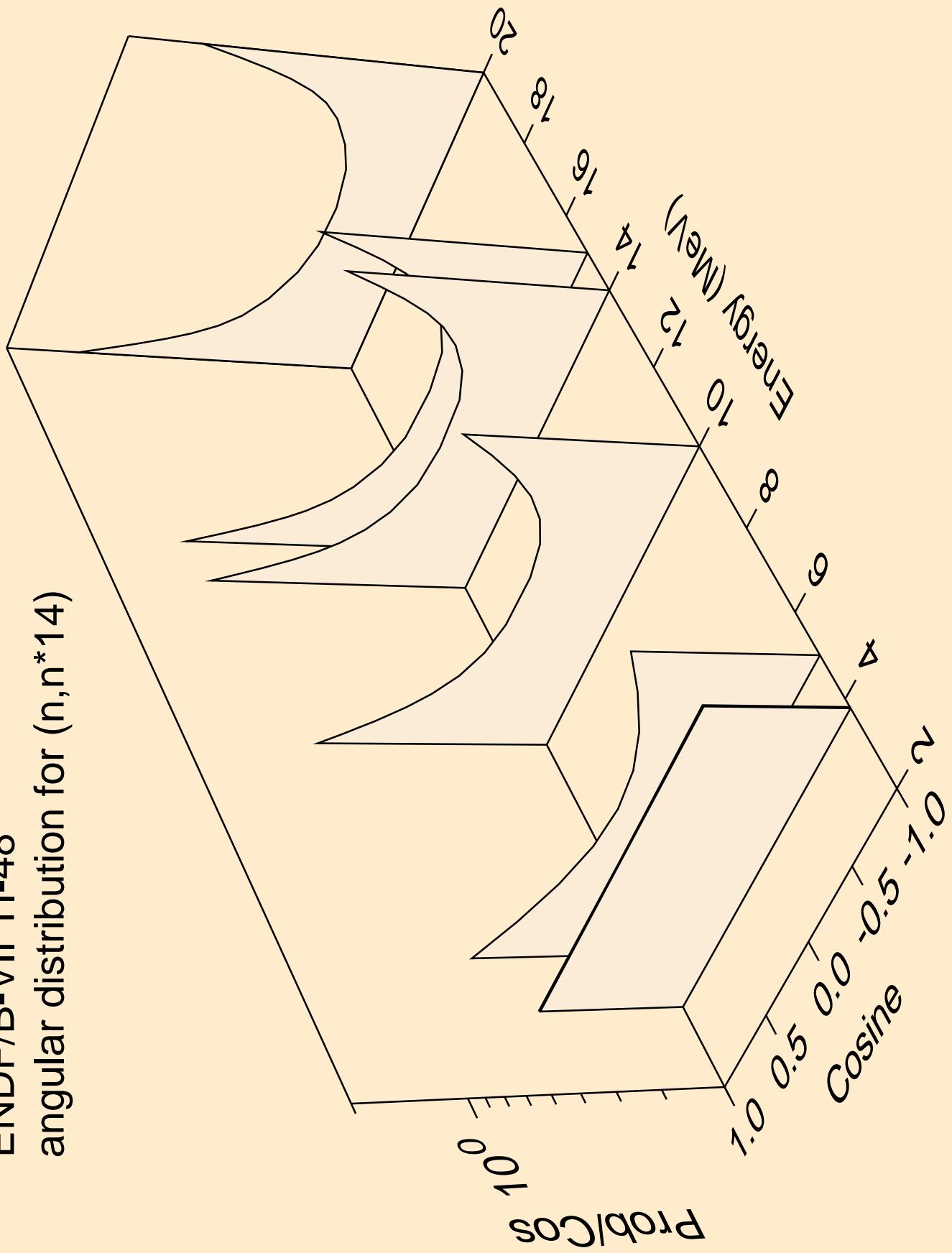
ENDF/B-VII TI-48

angular distribution for (n,n*13)



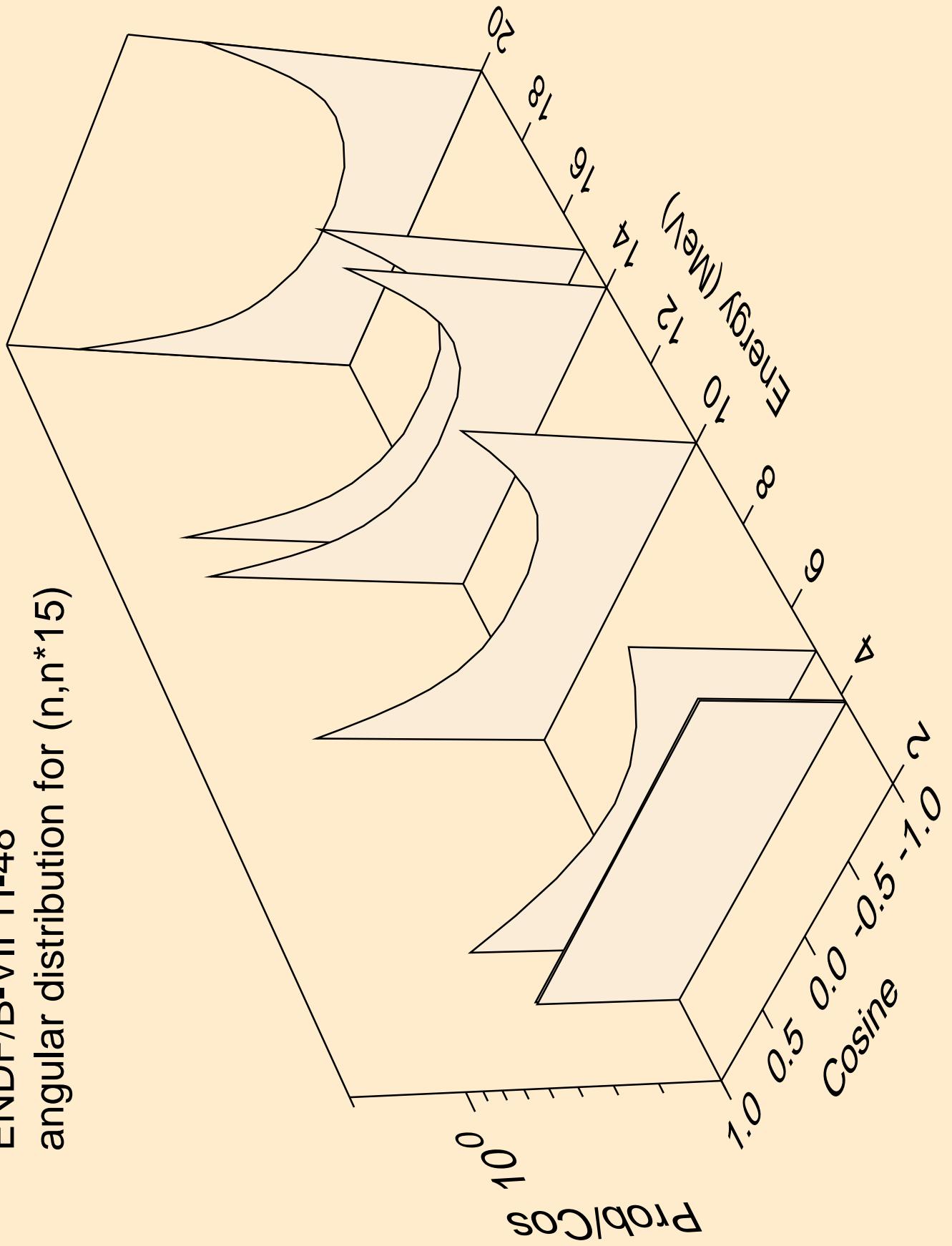
ENDF/B-VII TI-48

angular distribution for (n,n*14)



ENDF/B-VII TI-48

angular distribution for (n,n^*15)



ENDF/B-VII TI-48

angular distribution for (n,n*16)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

10

8

6

4

2

0

20

18

16

14

12

10

8

6

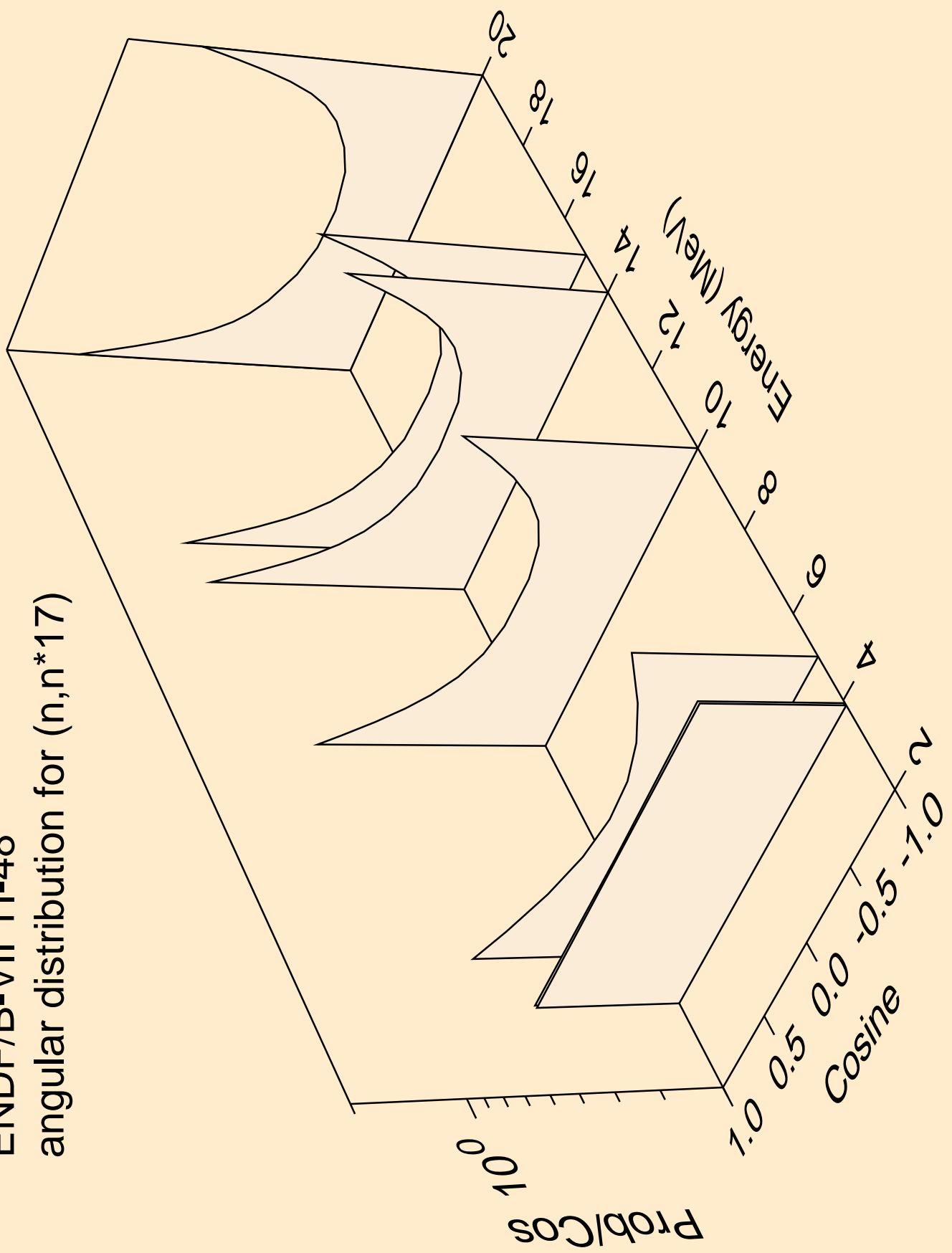
4

2

0

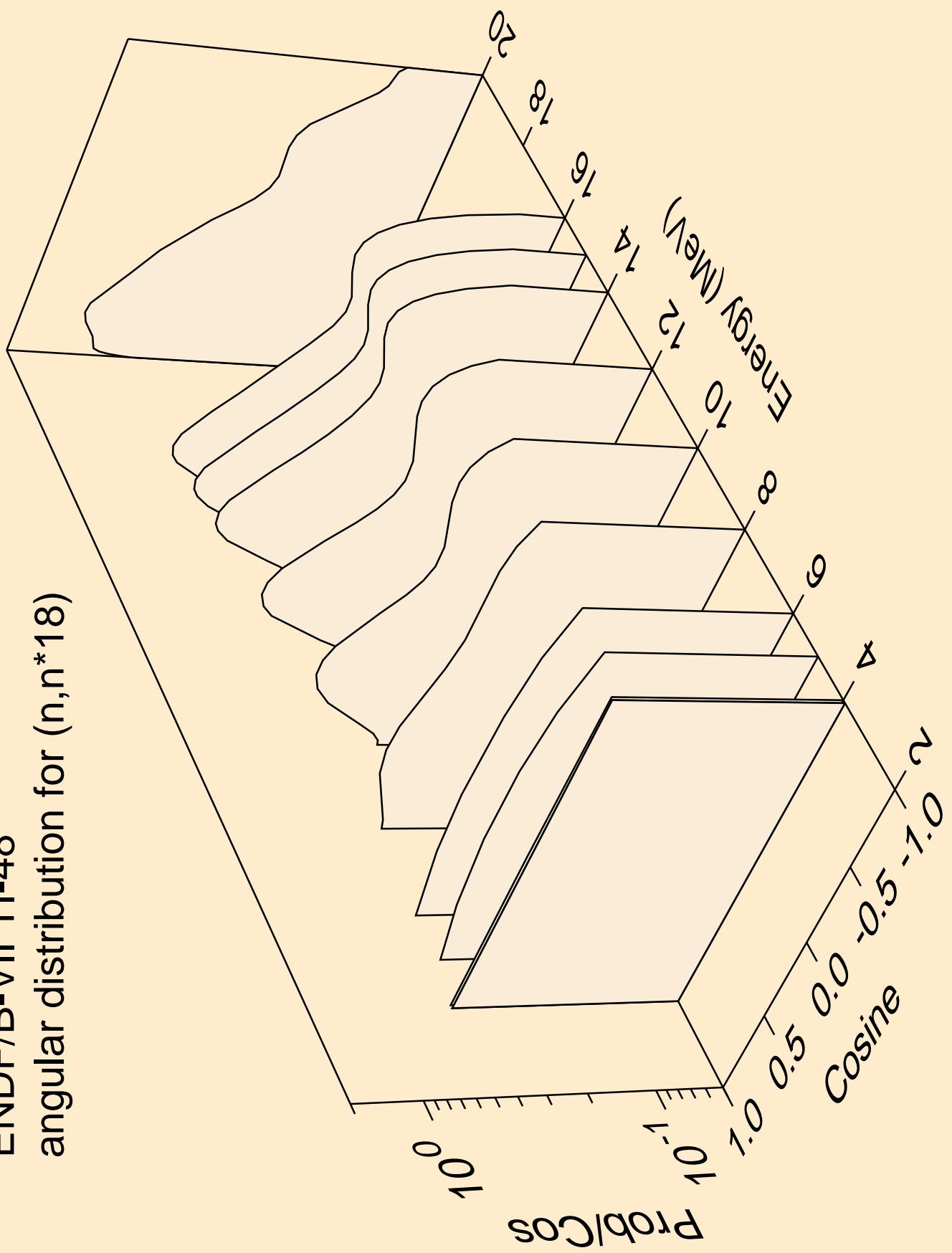
ENDF/B-VII TI-48

angular distribution for (n,n^*17)



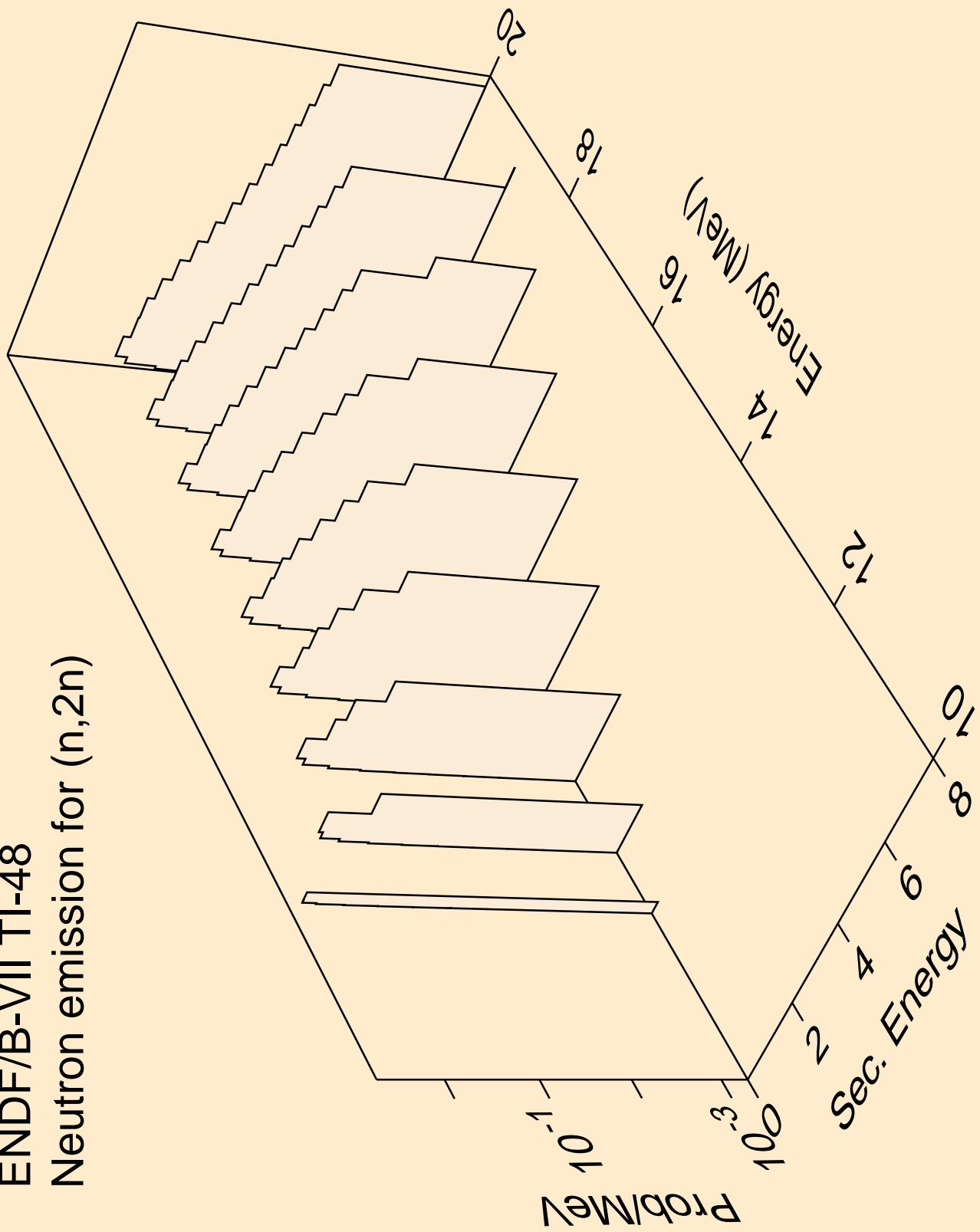
ENDF/B-VII TI-48

angular distribution for (n,n^*18)



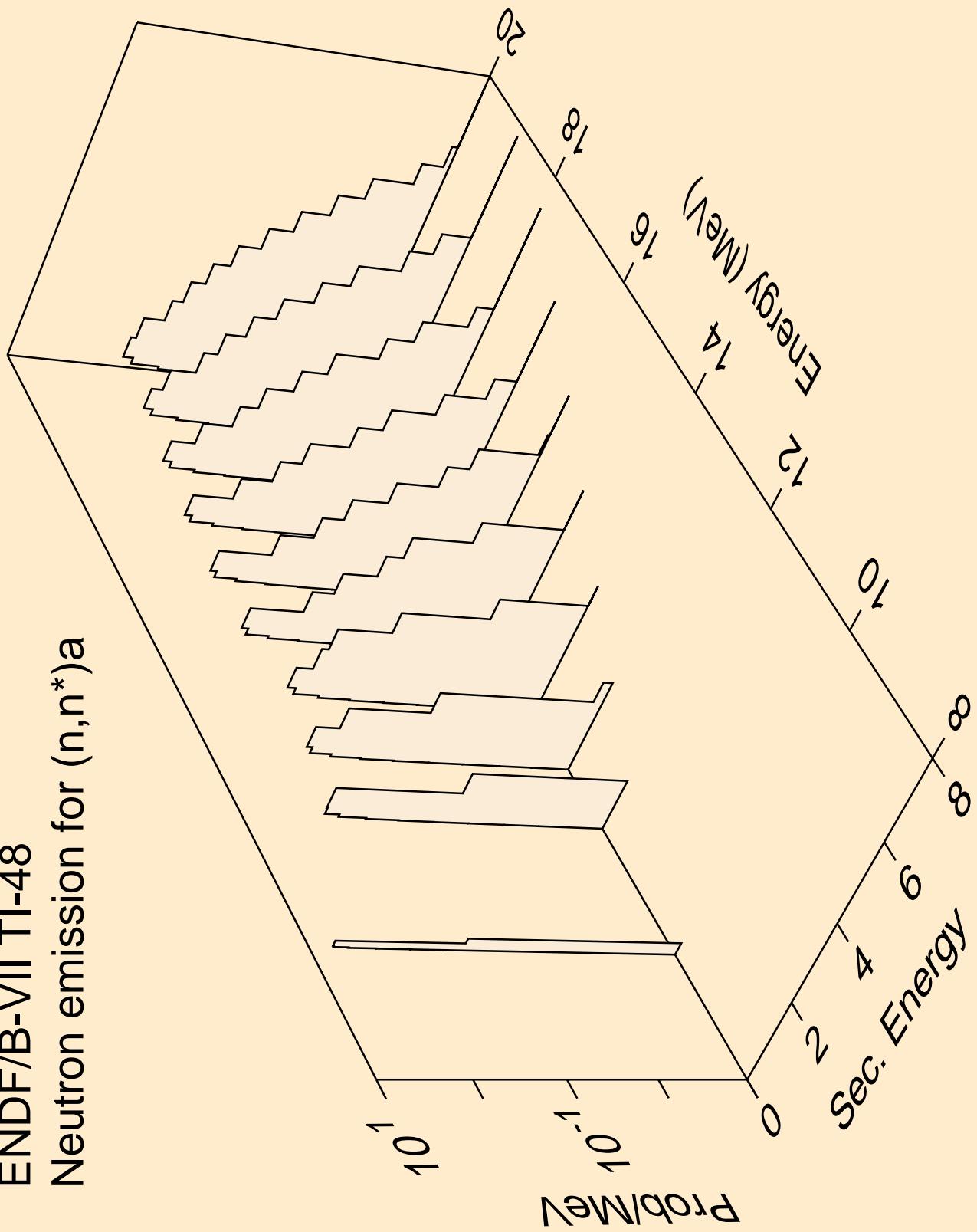
ENDF/B-VII Tl-48

Neutron emission for (n,2n)



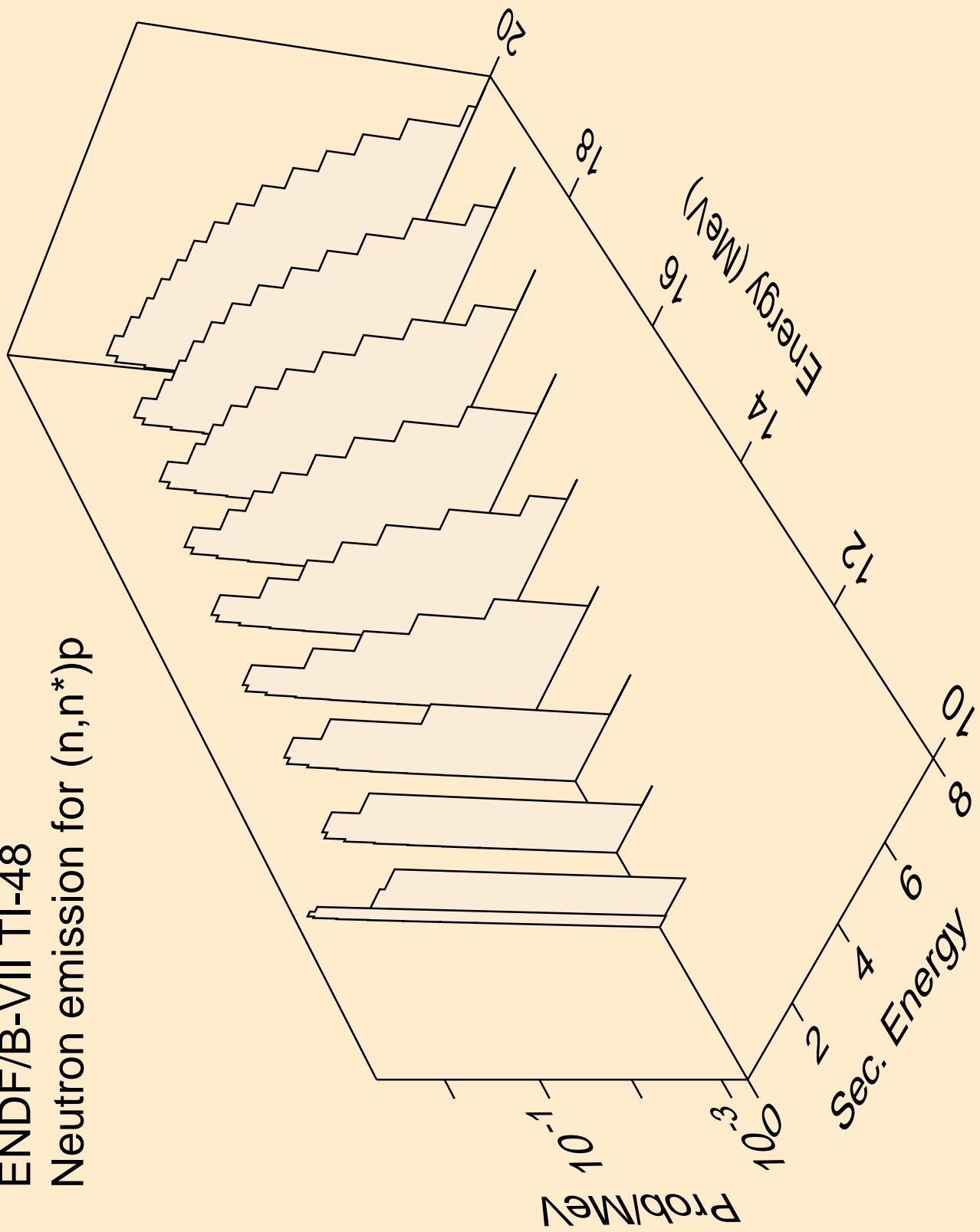
ENDF/B-VII Tl-48

Neutron emission for $(n, n^*)a$



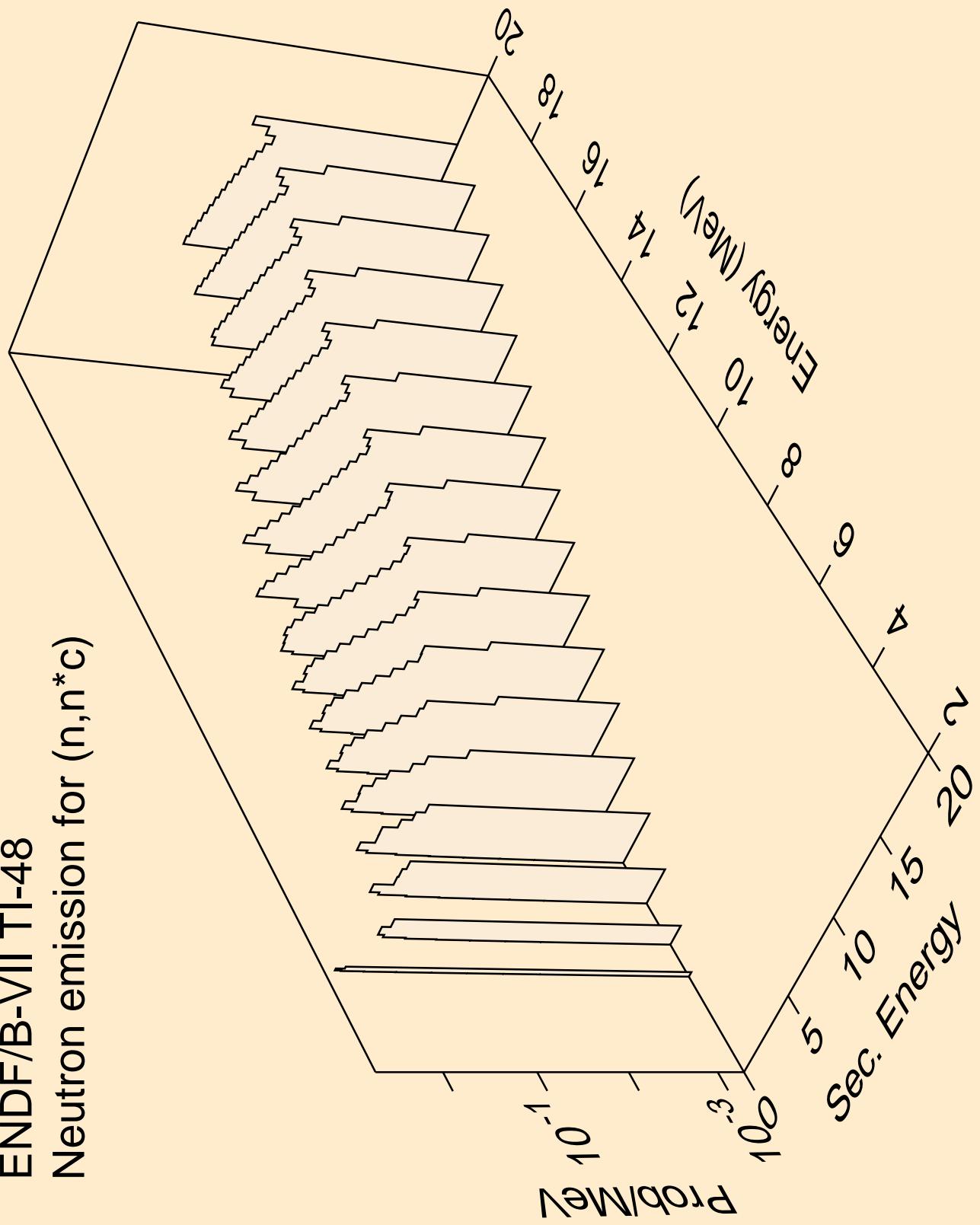
ENDF/B-VII Tl-48

Neutron emission for $(n, n^*)p$

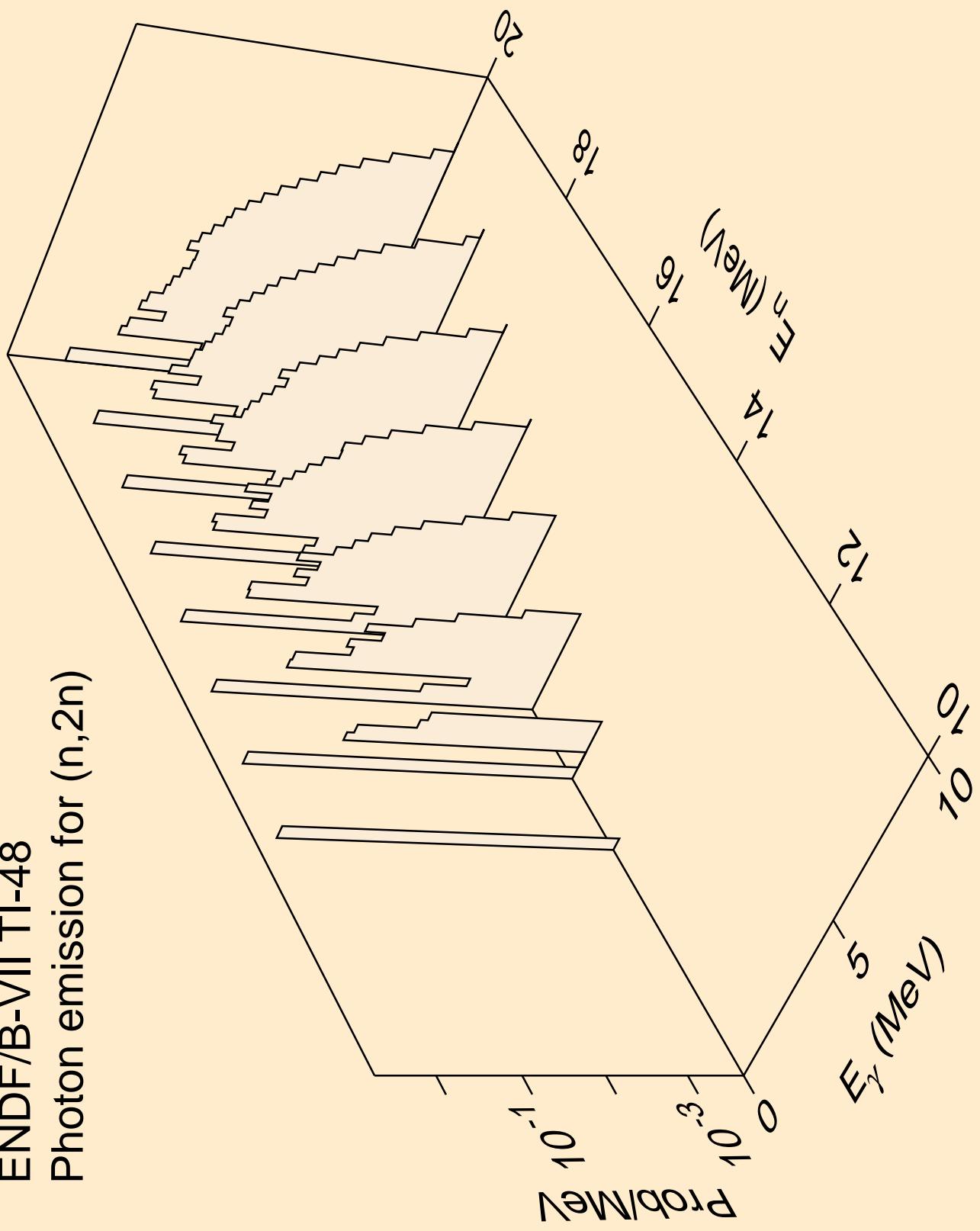


ENDF/B-VII TI-48

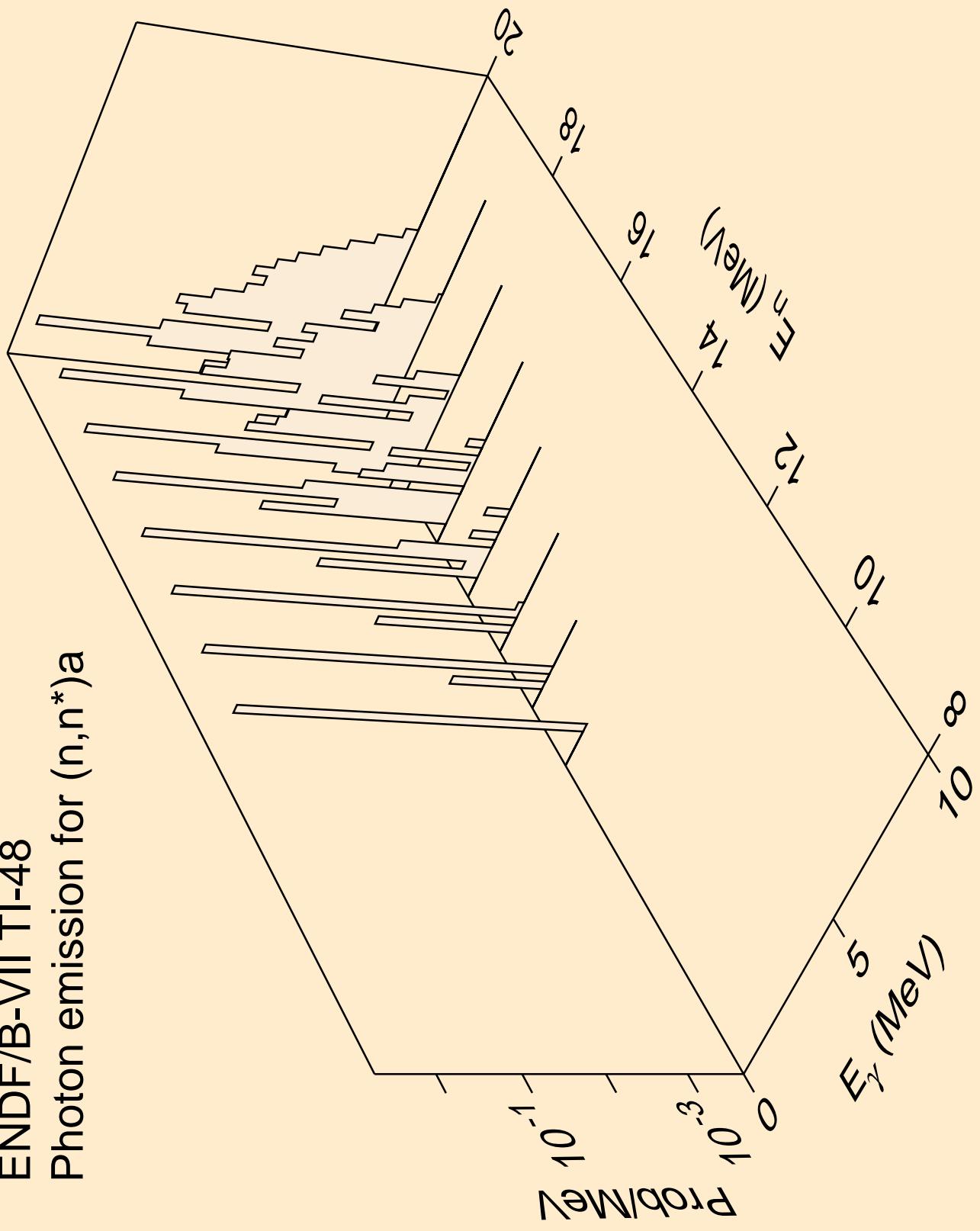
Neutron emission for $(n, n^* c)$



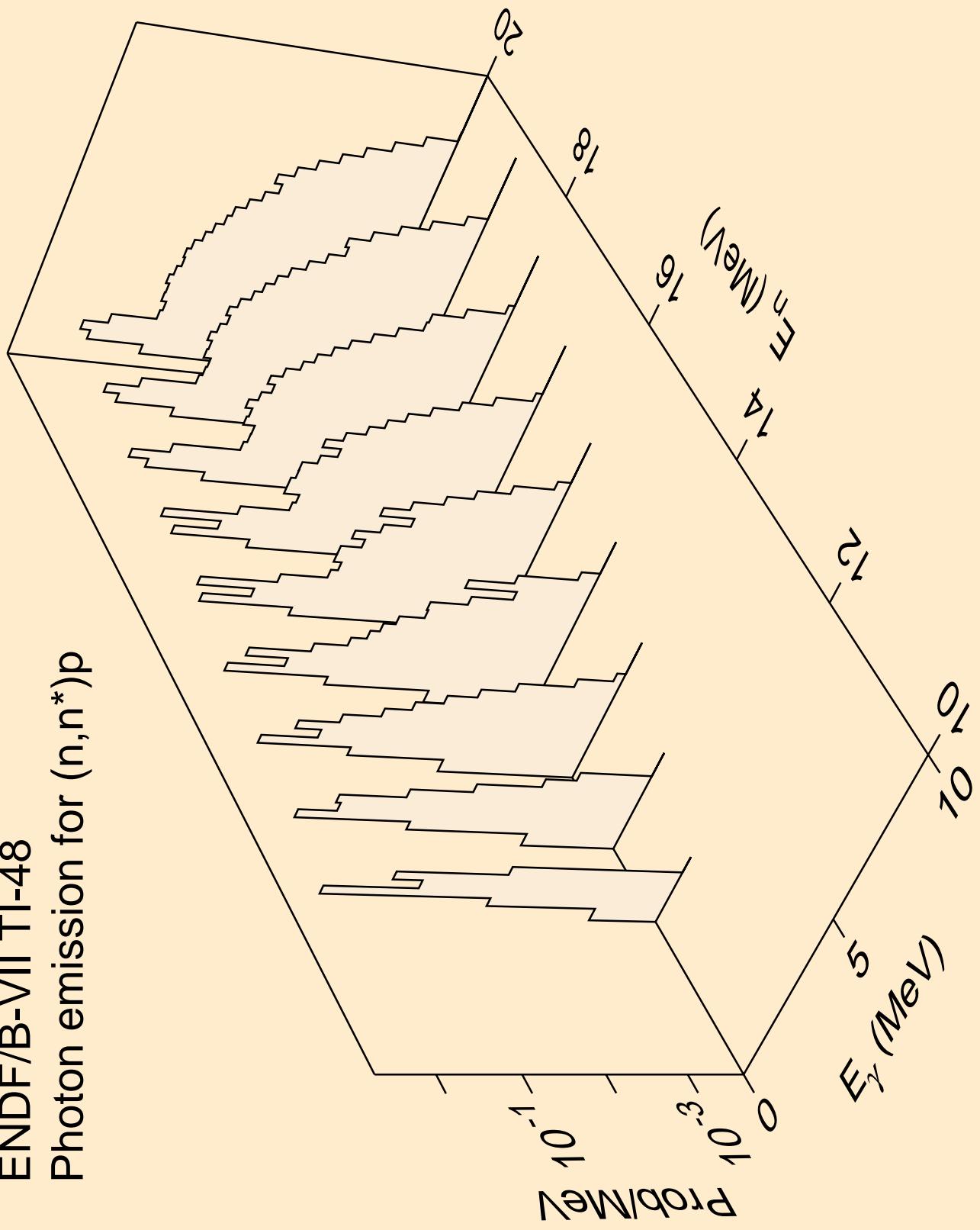
ENDF/B-VII TI-48
Photon emission for $(n,2n)$



ENDF/B-VII TI-48
Photon emission for $(n, n^*)\alpha$

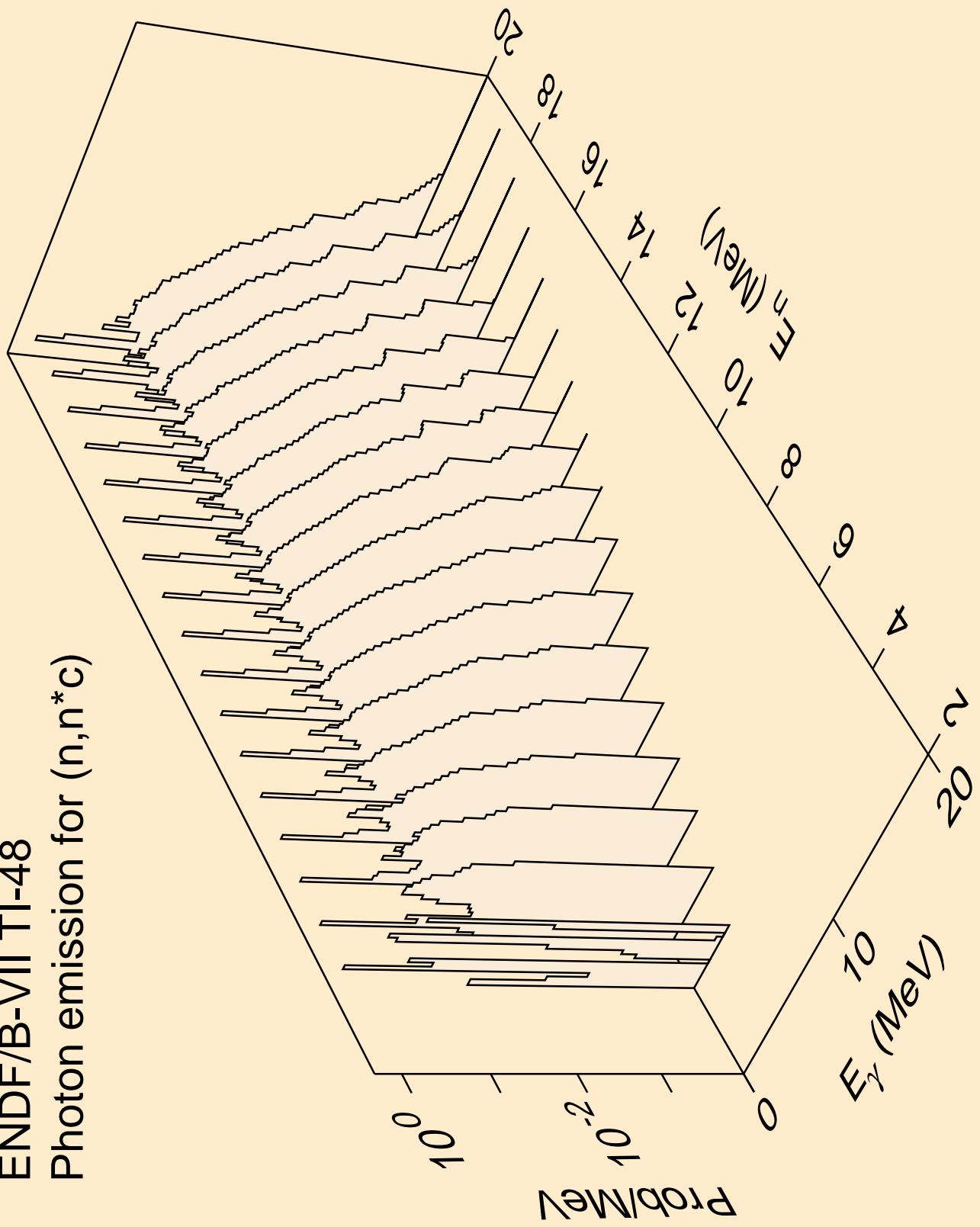


ENDF/B-VII TI-48
Photon emission for $(n, n^*)p$

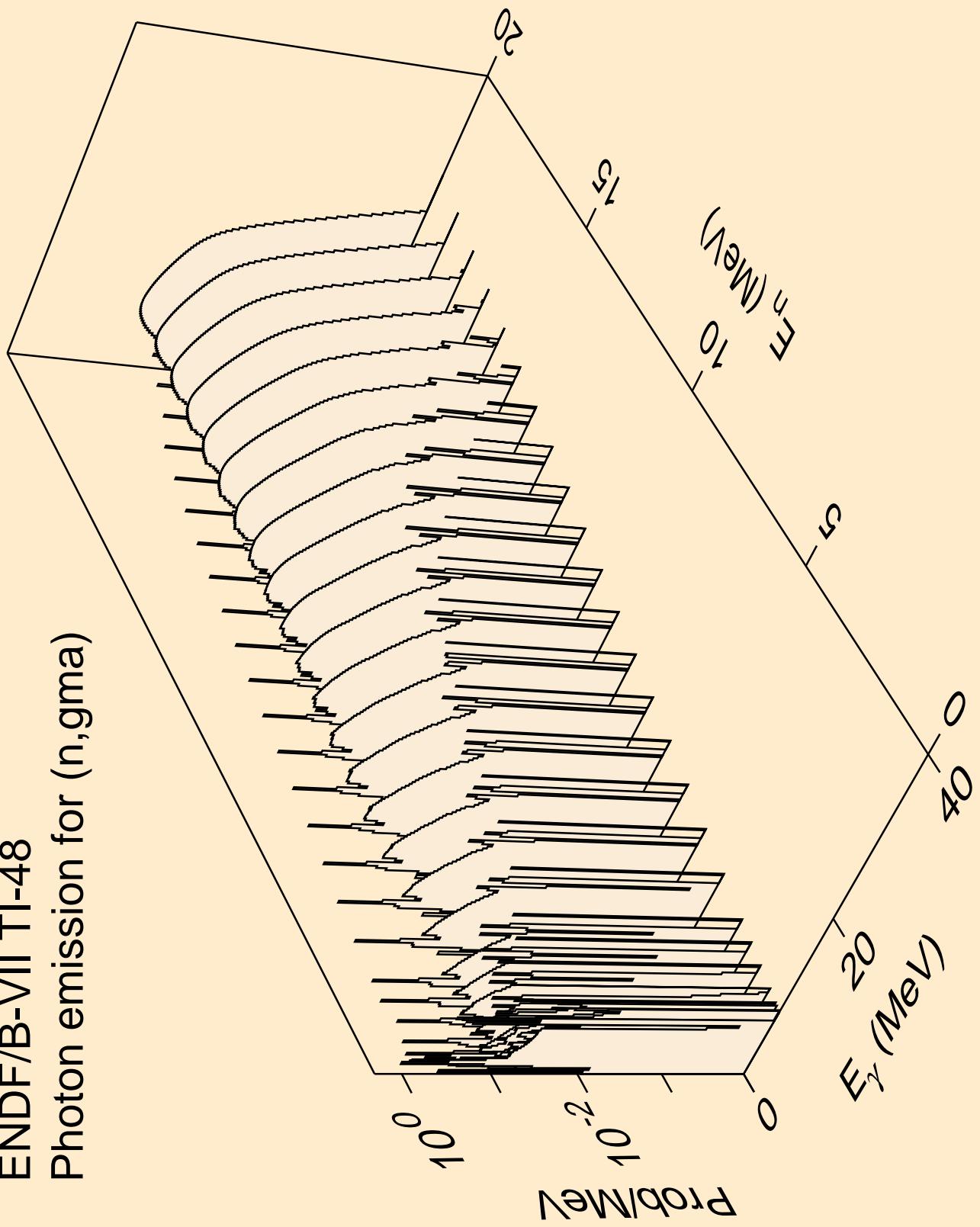


ENDF/B-VII TI-48

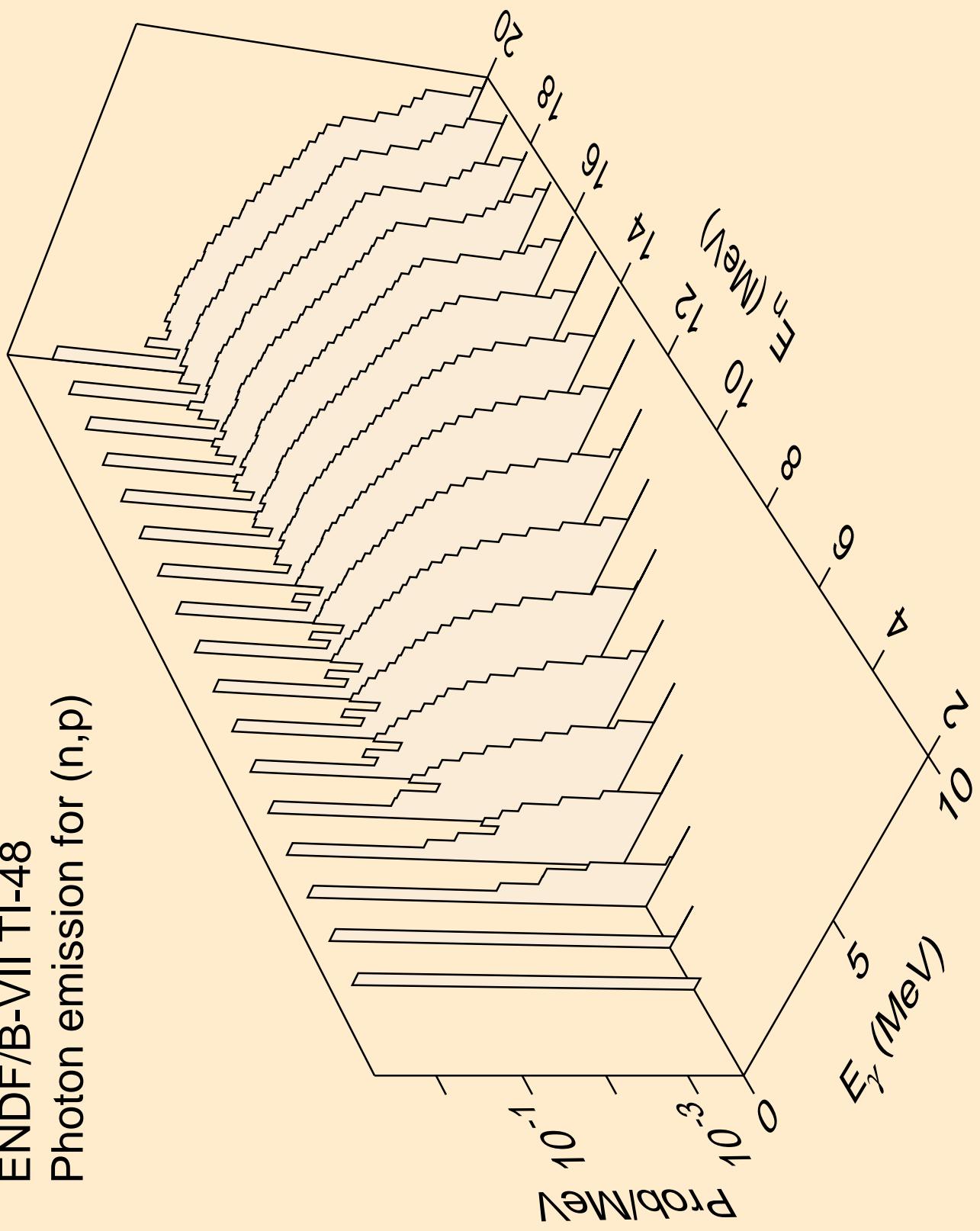
Photon emission for (n, n^*c)



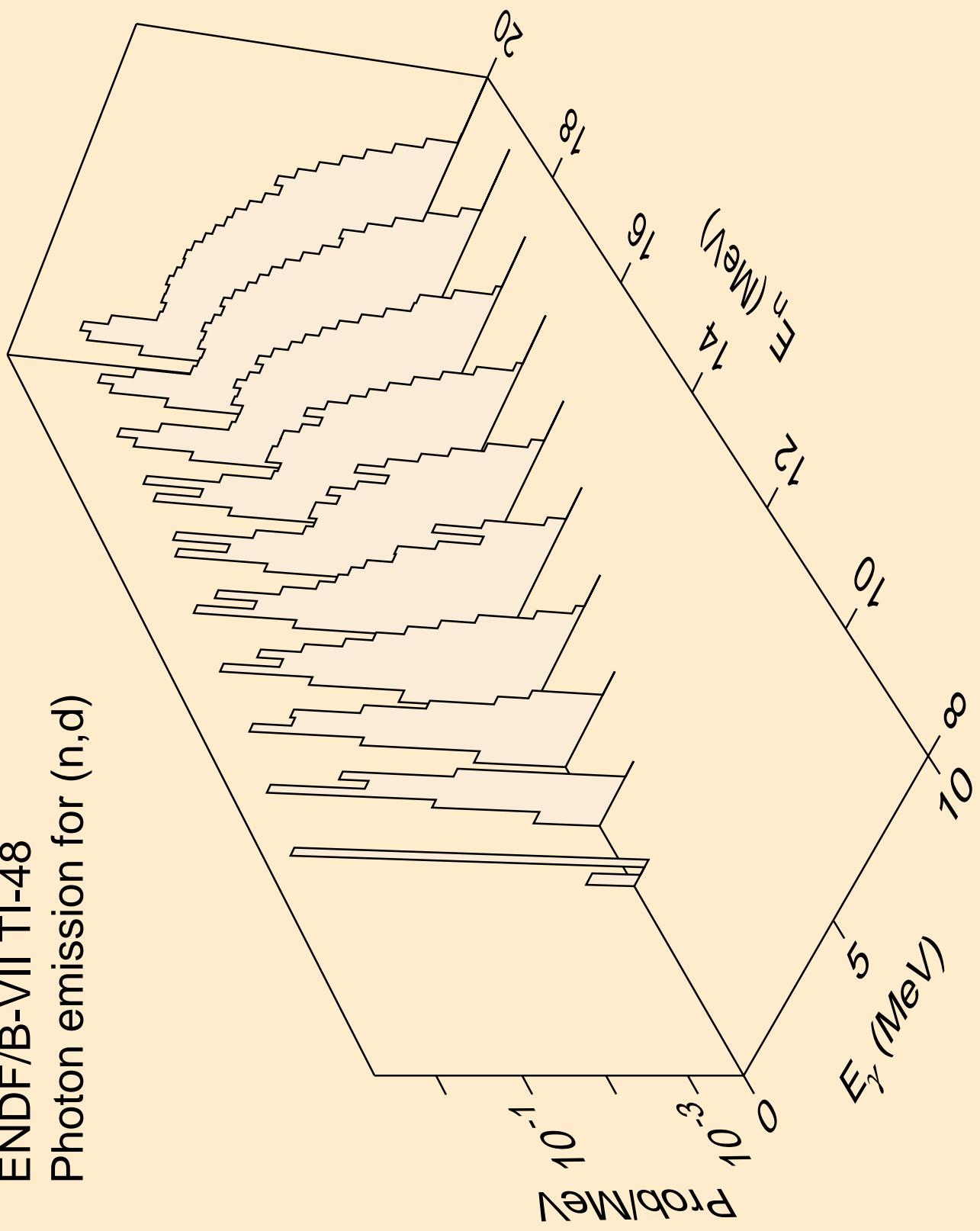
ENDF/B-VII TI-48
Photon emission for (n, γ)



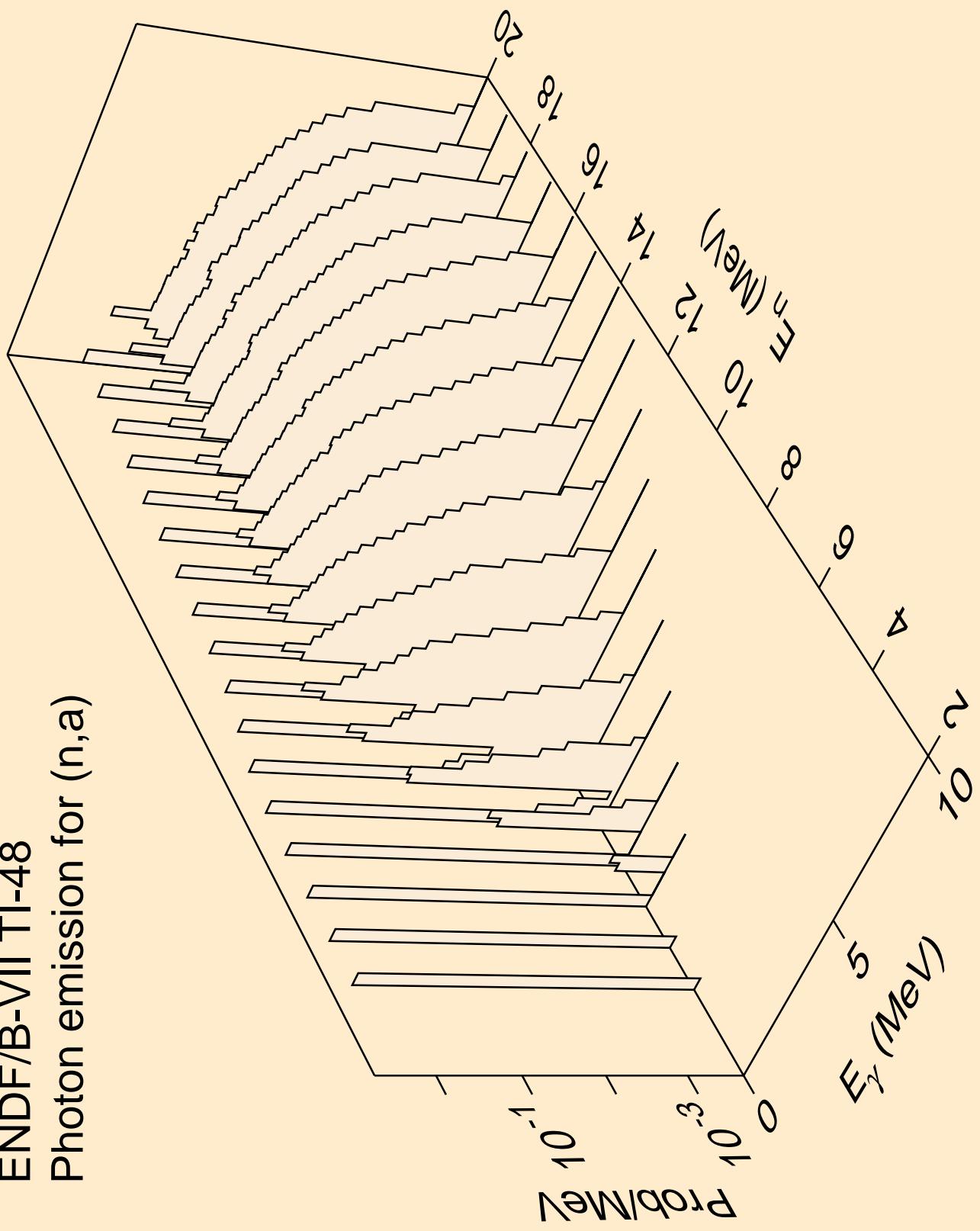
ENDF/B-VII TI-48
Photon emission for (n,p)



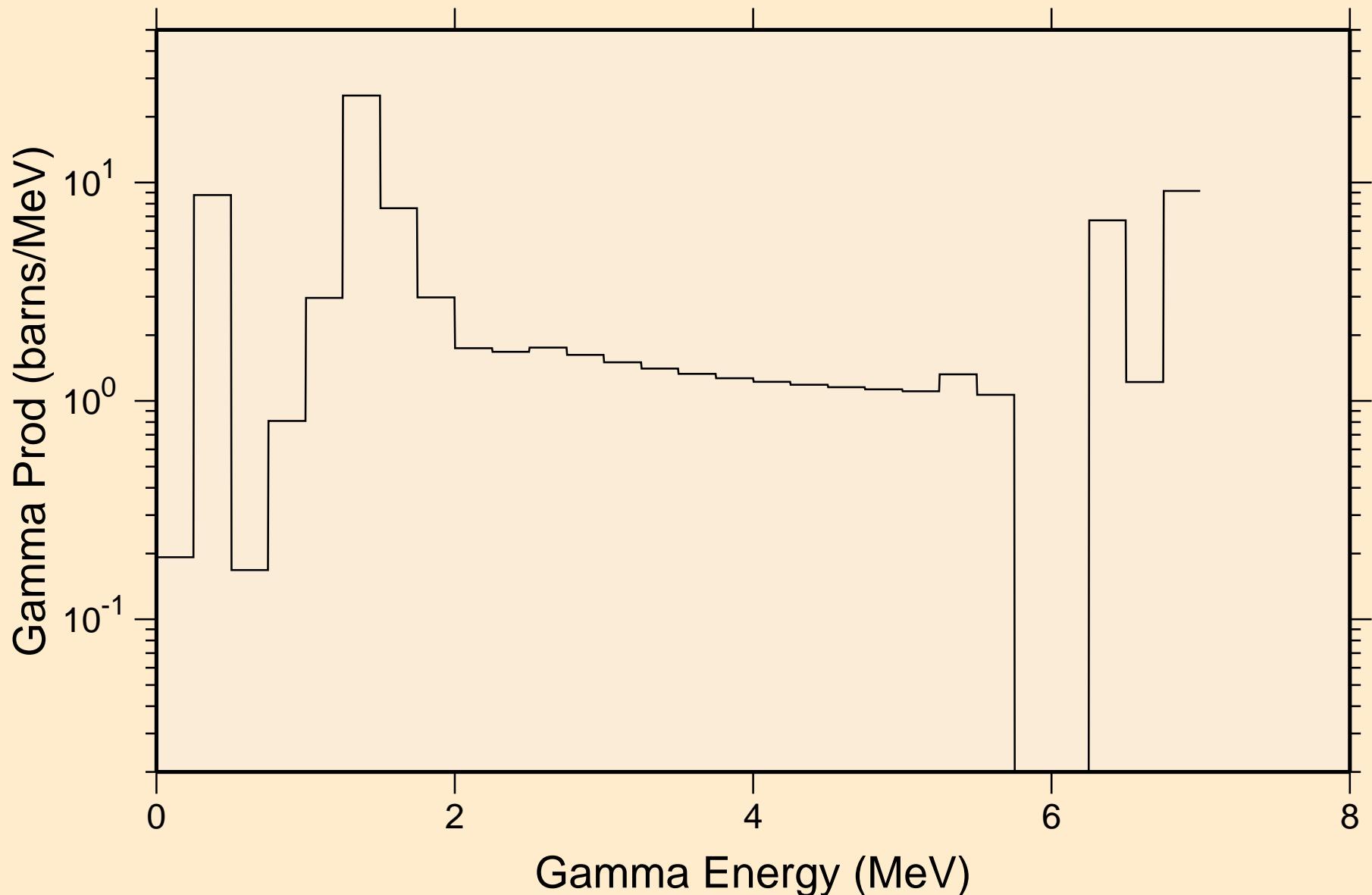
ENDF/B-VII TI-48
Photon emission for (n, d)



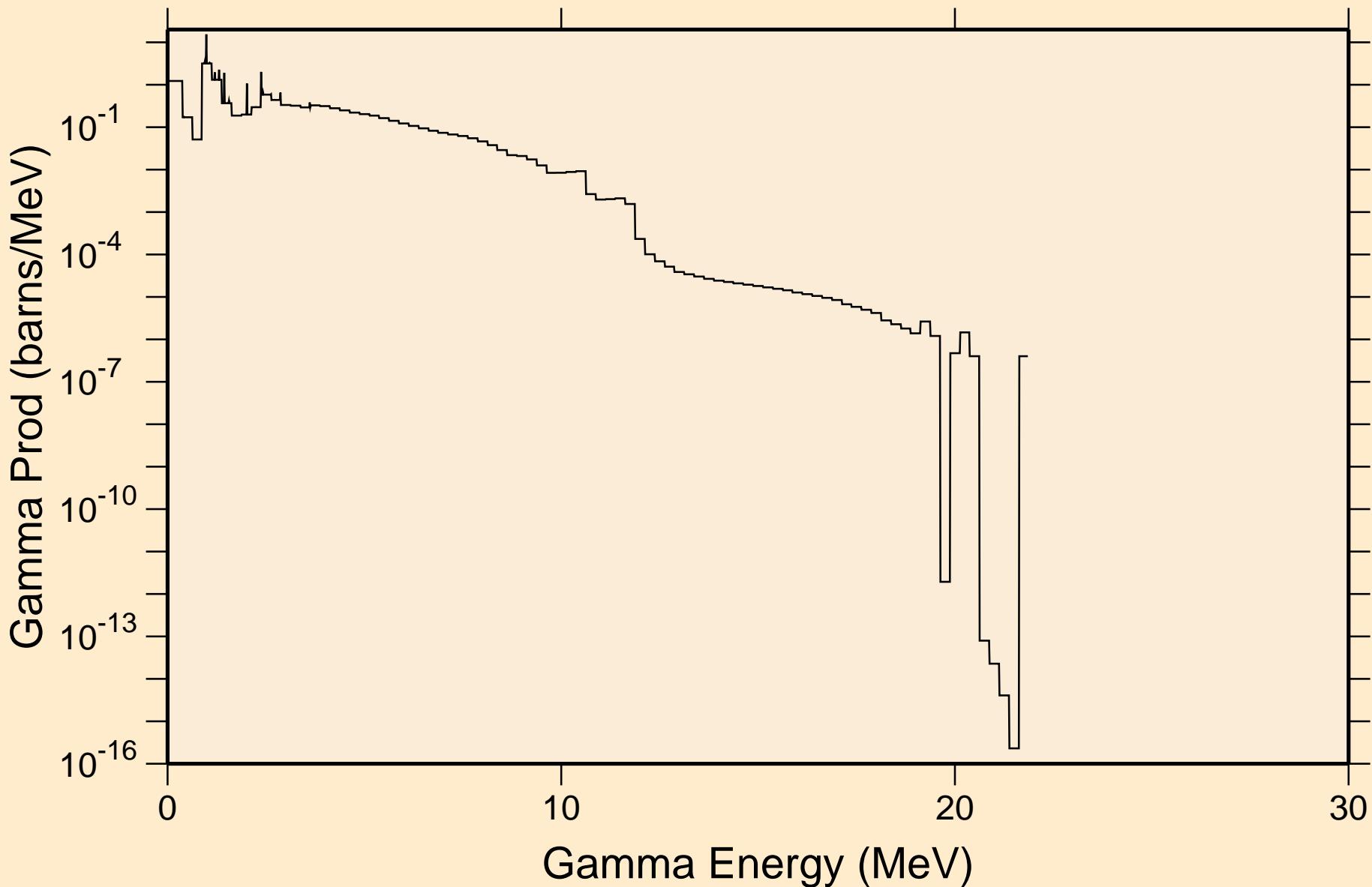
ENDF/B-VII TI-48
Photon emission for (n, α)



ENDF/B-VII TI-48
thermal capture photon spectrum

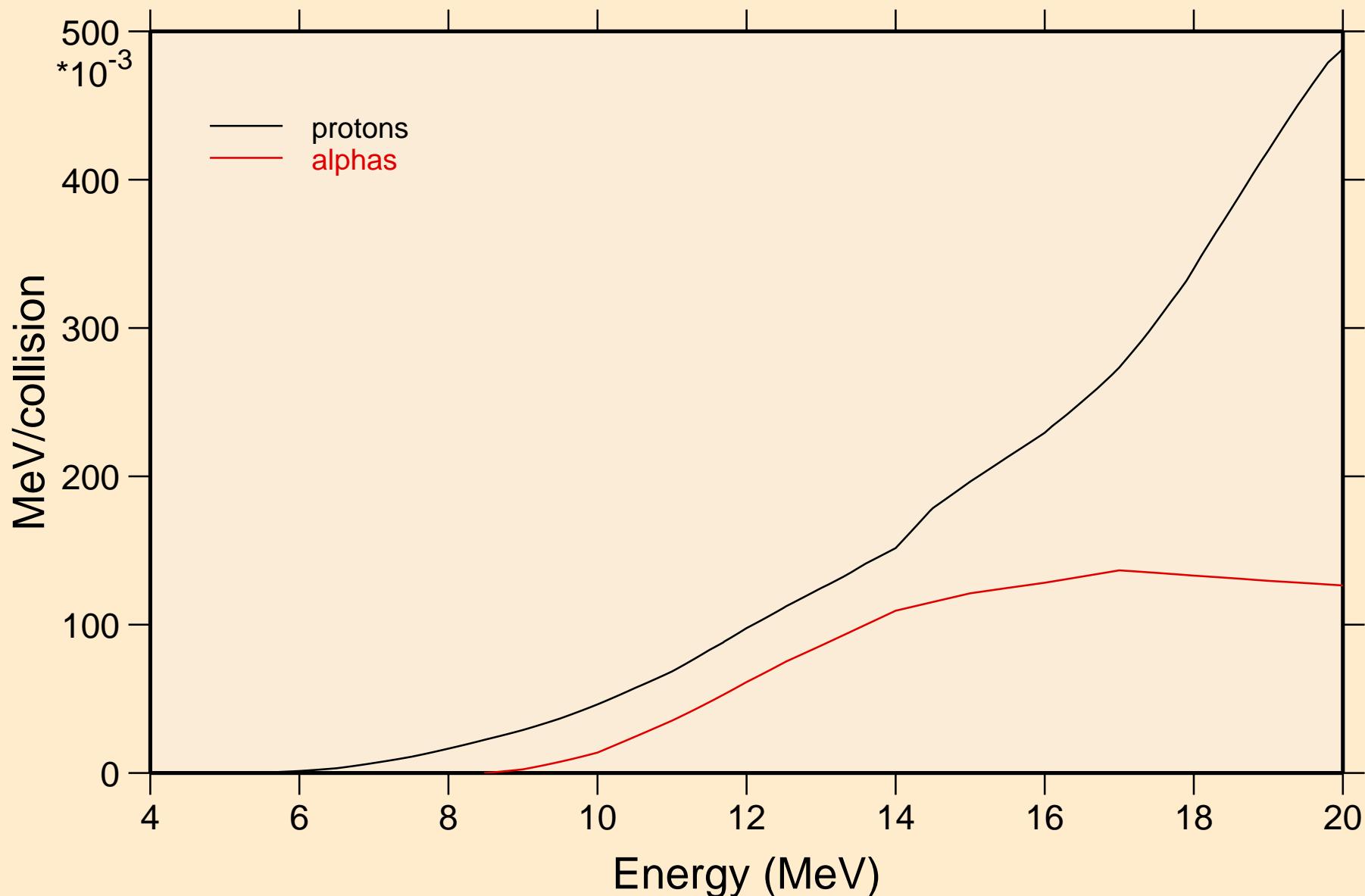


ENDF/B-VII TI-48
14 MeV photon spectrum

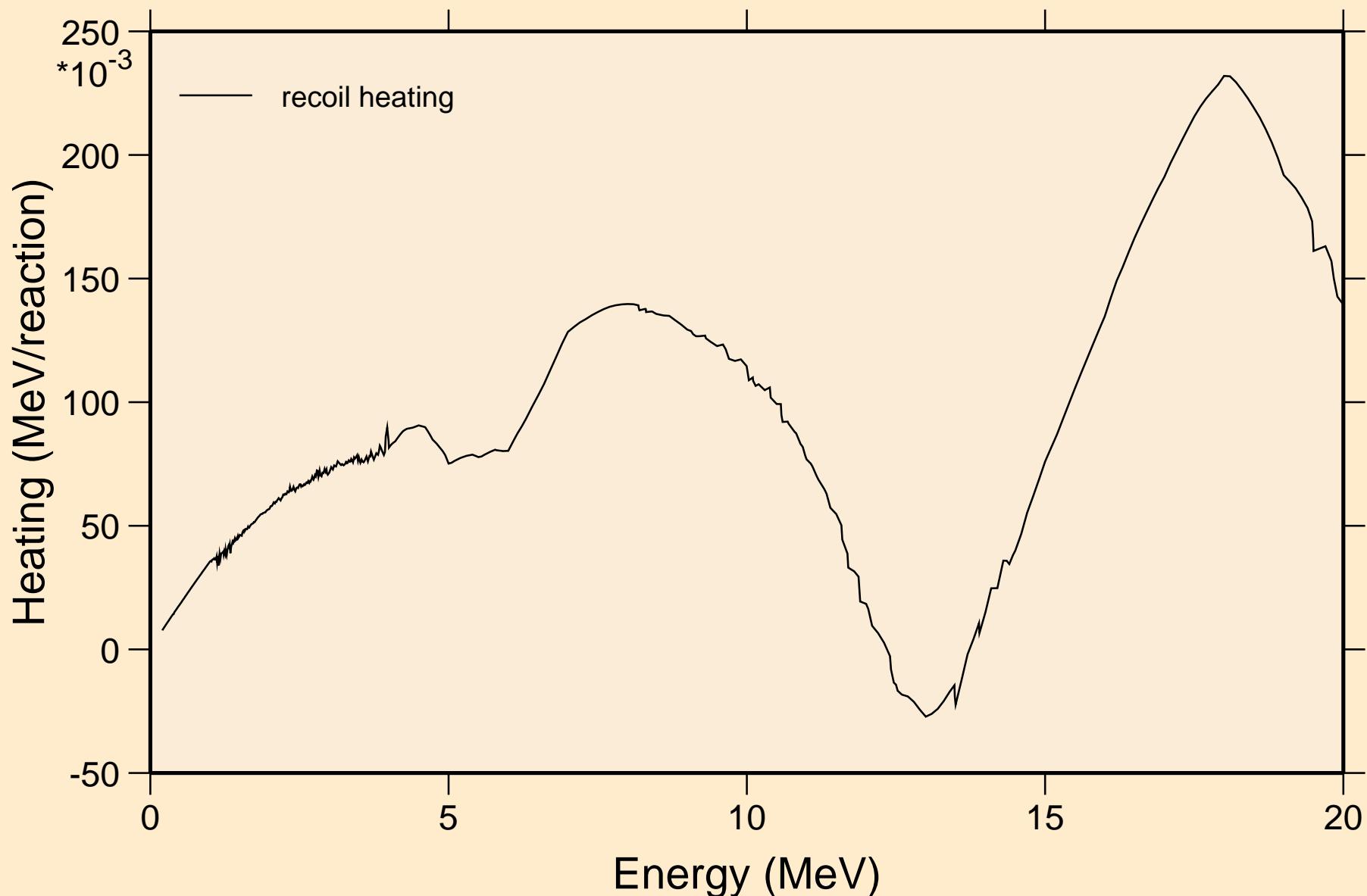


ENDF/B-VII TI-48

Particle heating contributions

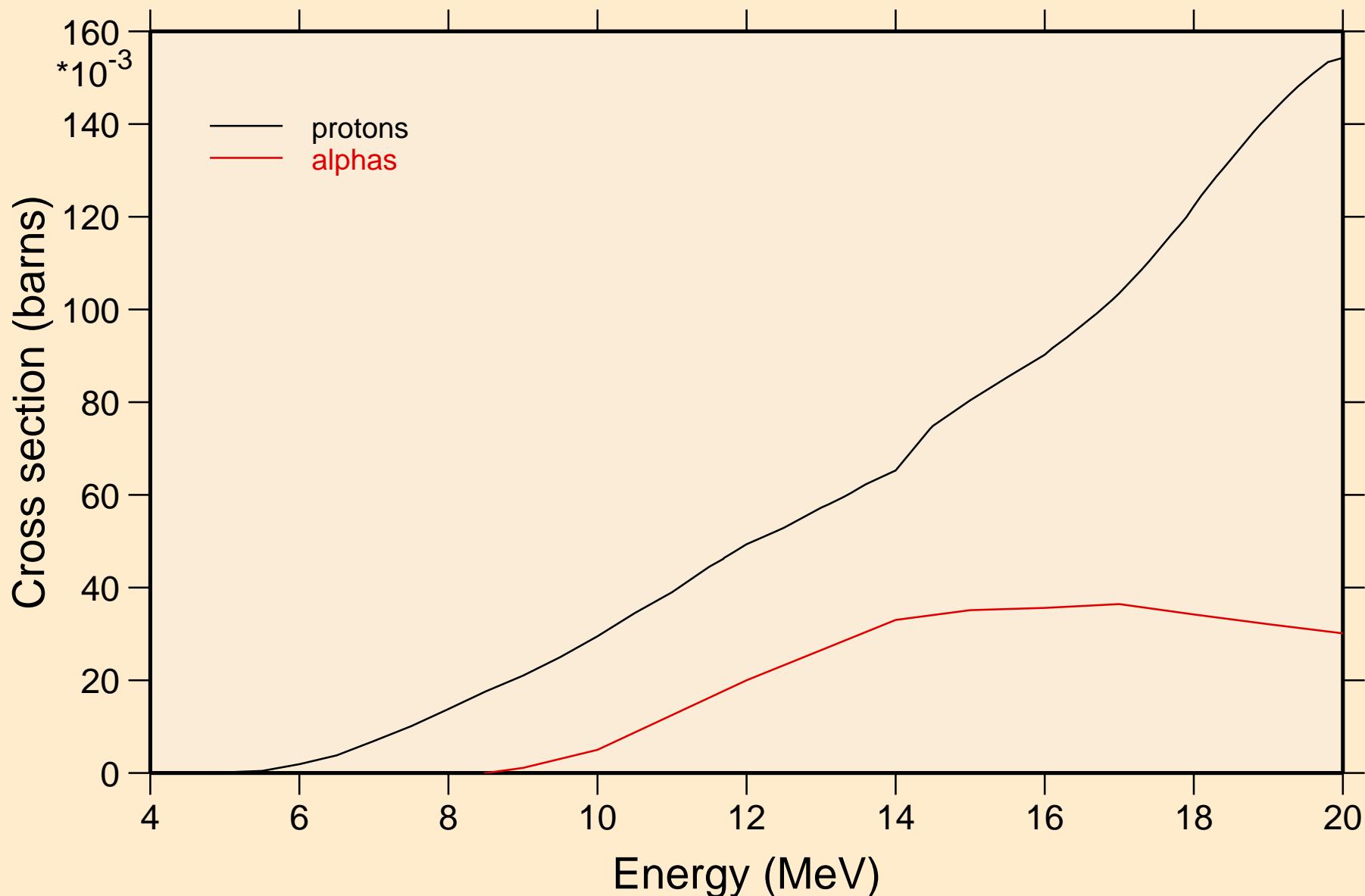


ENDF/B-VII TI-48
Recoil Heating

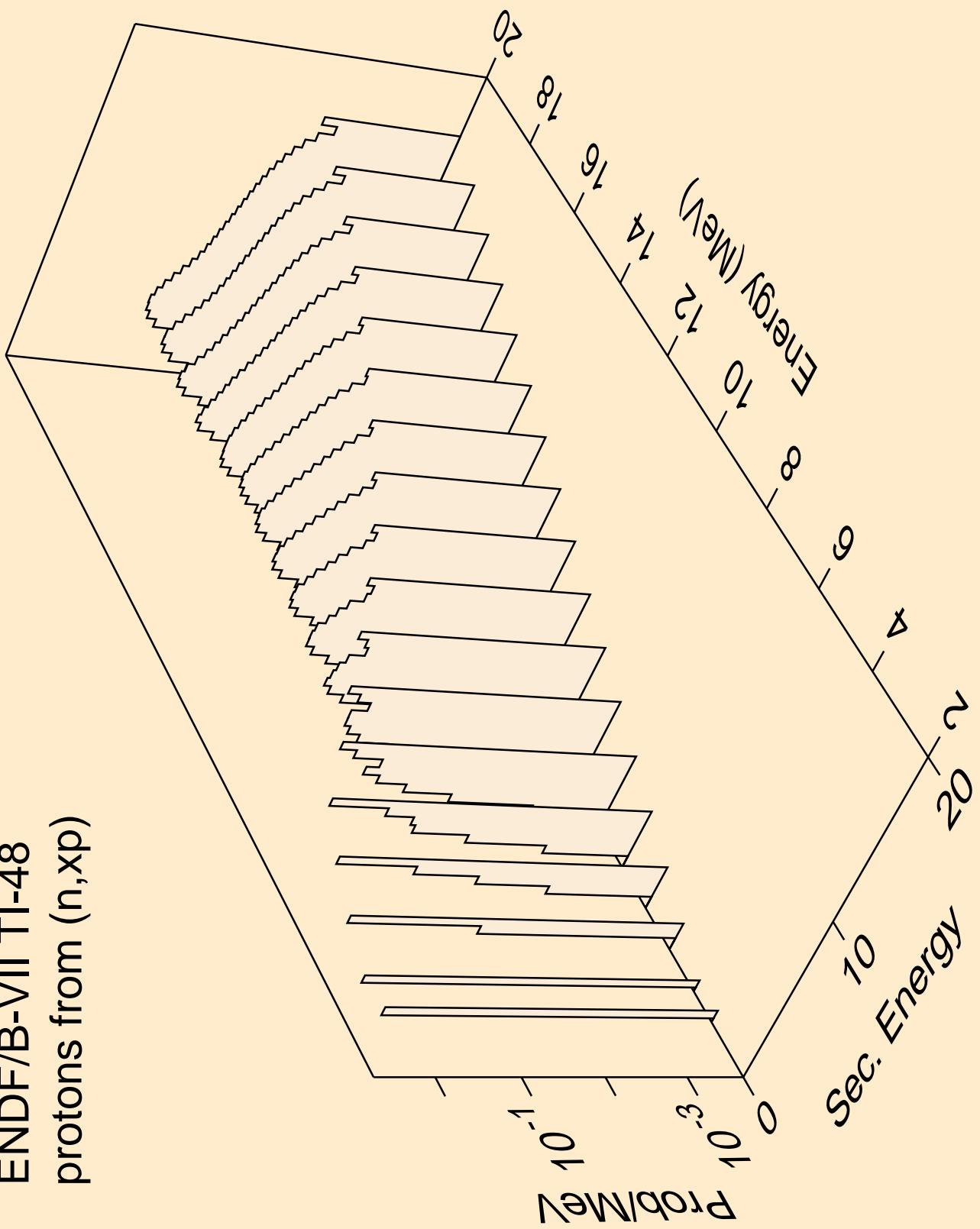


ENDF/B-VII TI-48

Particle production cross sections



ENDF/B-VII T1-48
protons from (n, xp)



ENDF/B-VII Tl-48
alphas from (n, α)

