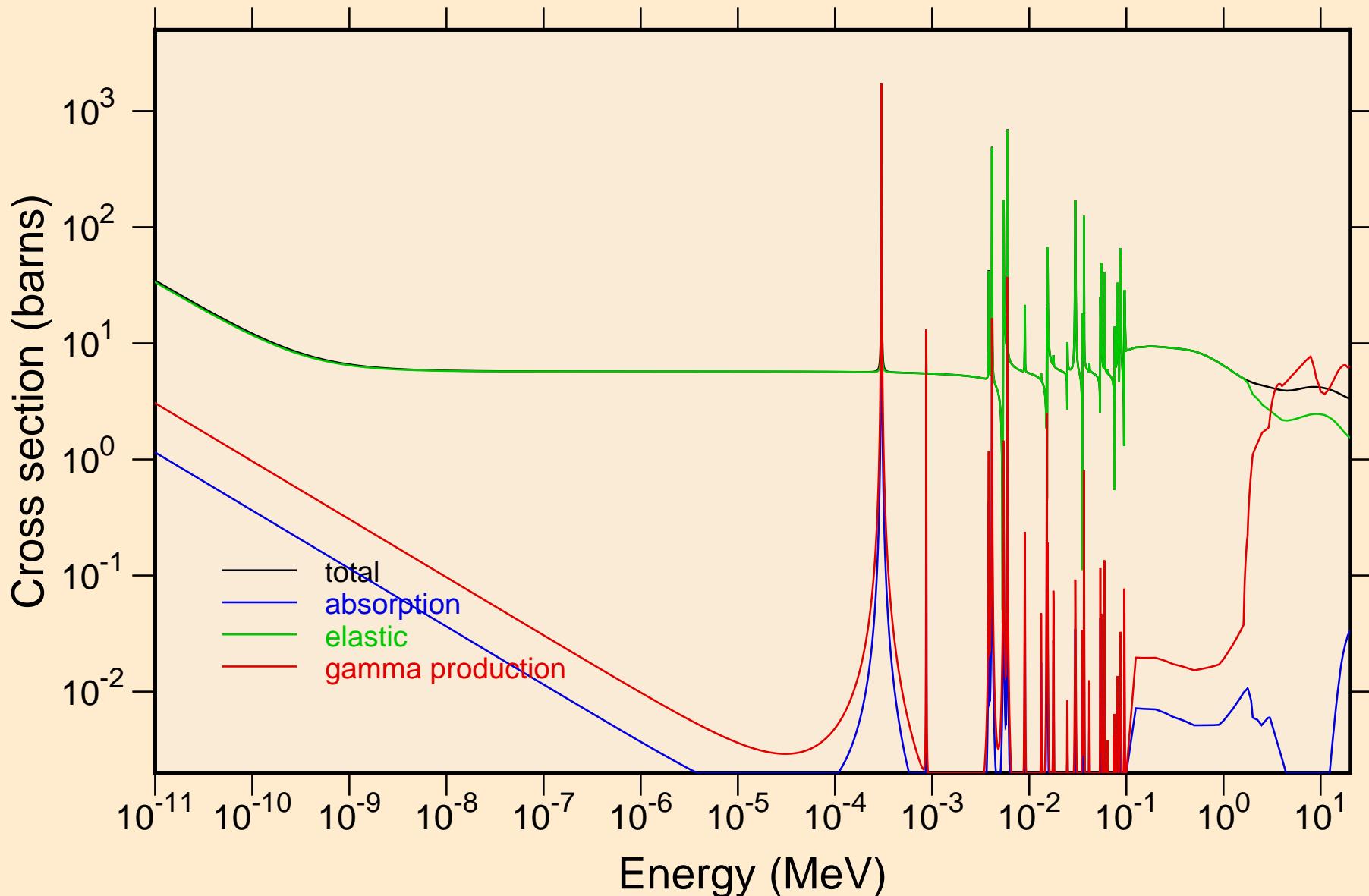
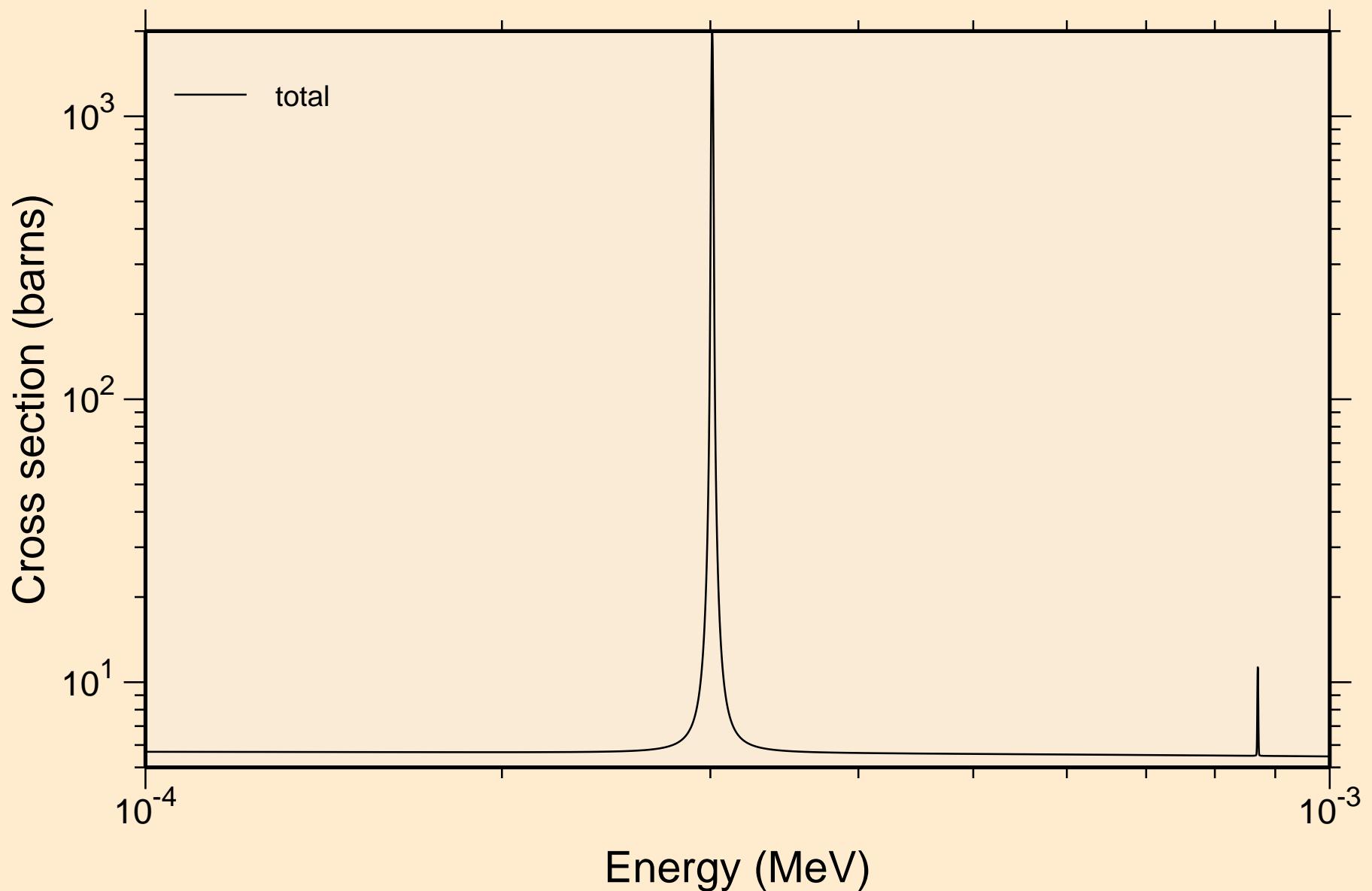


ENDF/B-VII ZR-96

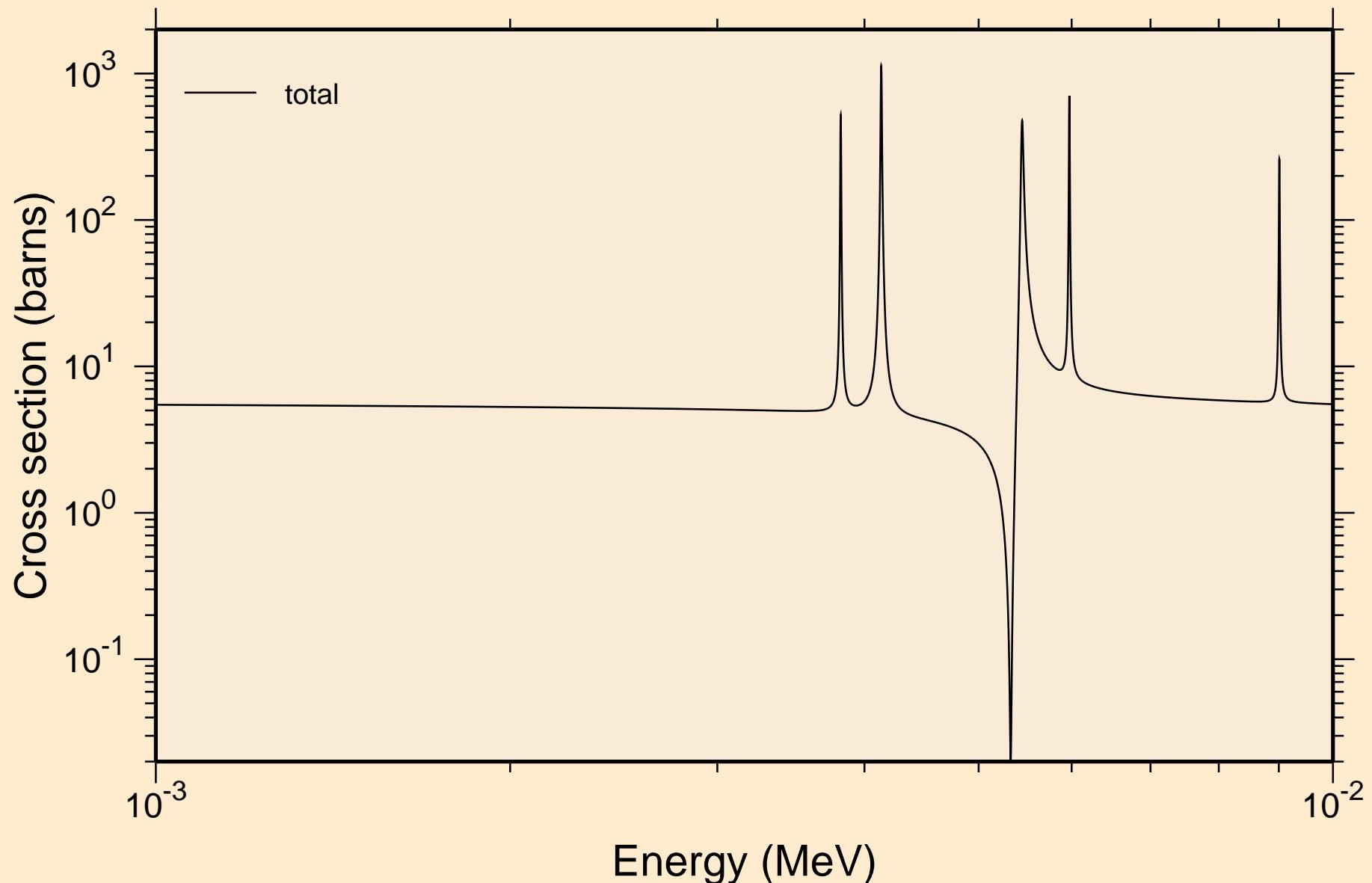
Principal cross sections



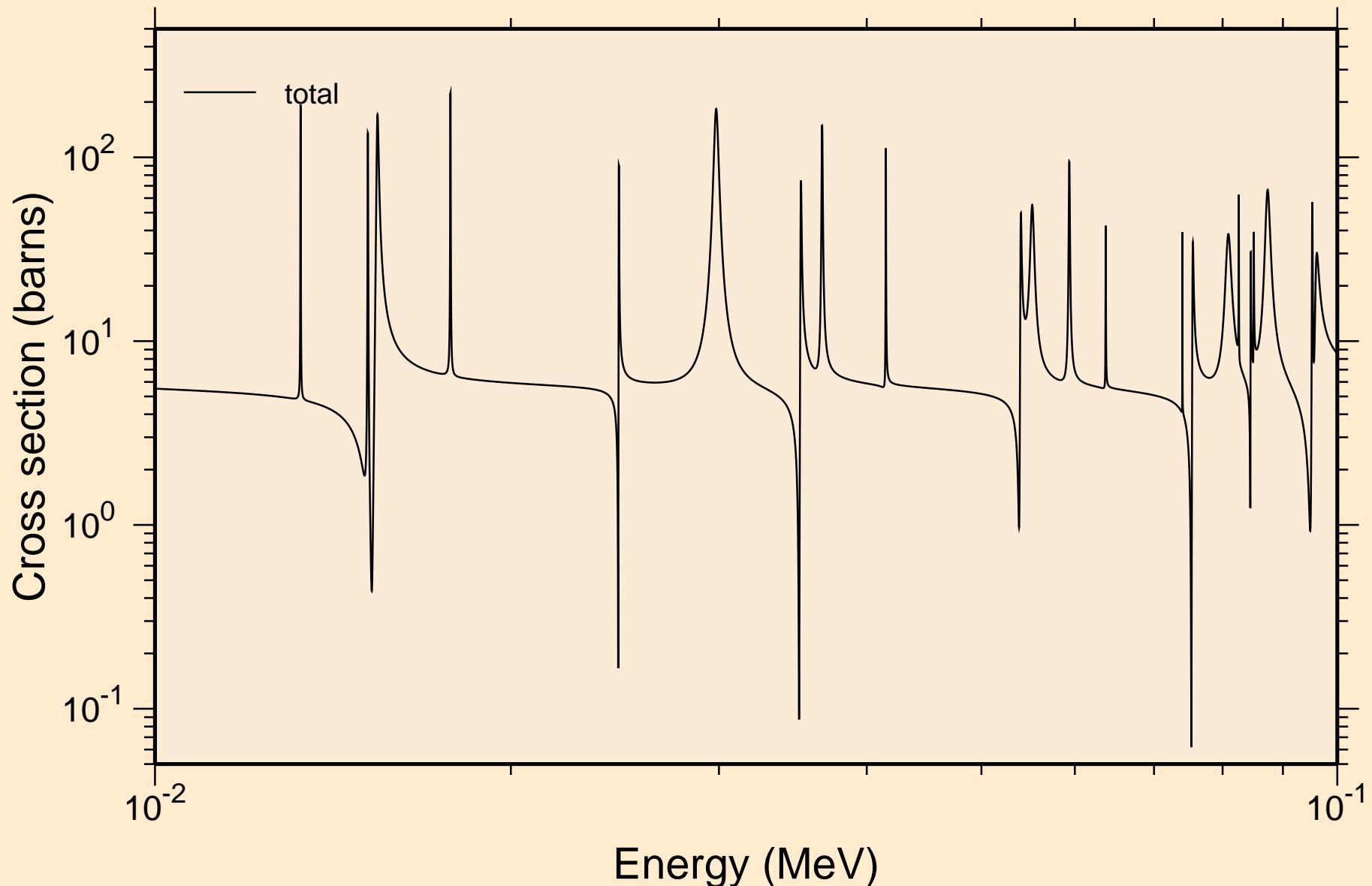
ENDF/B-VII ZR-96
resonance total cross section



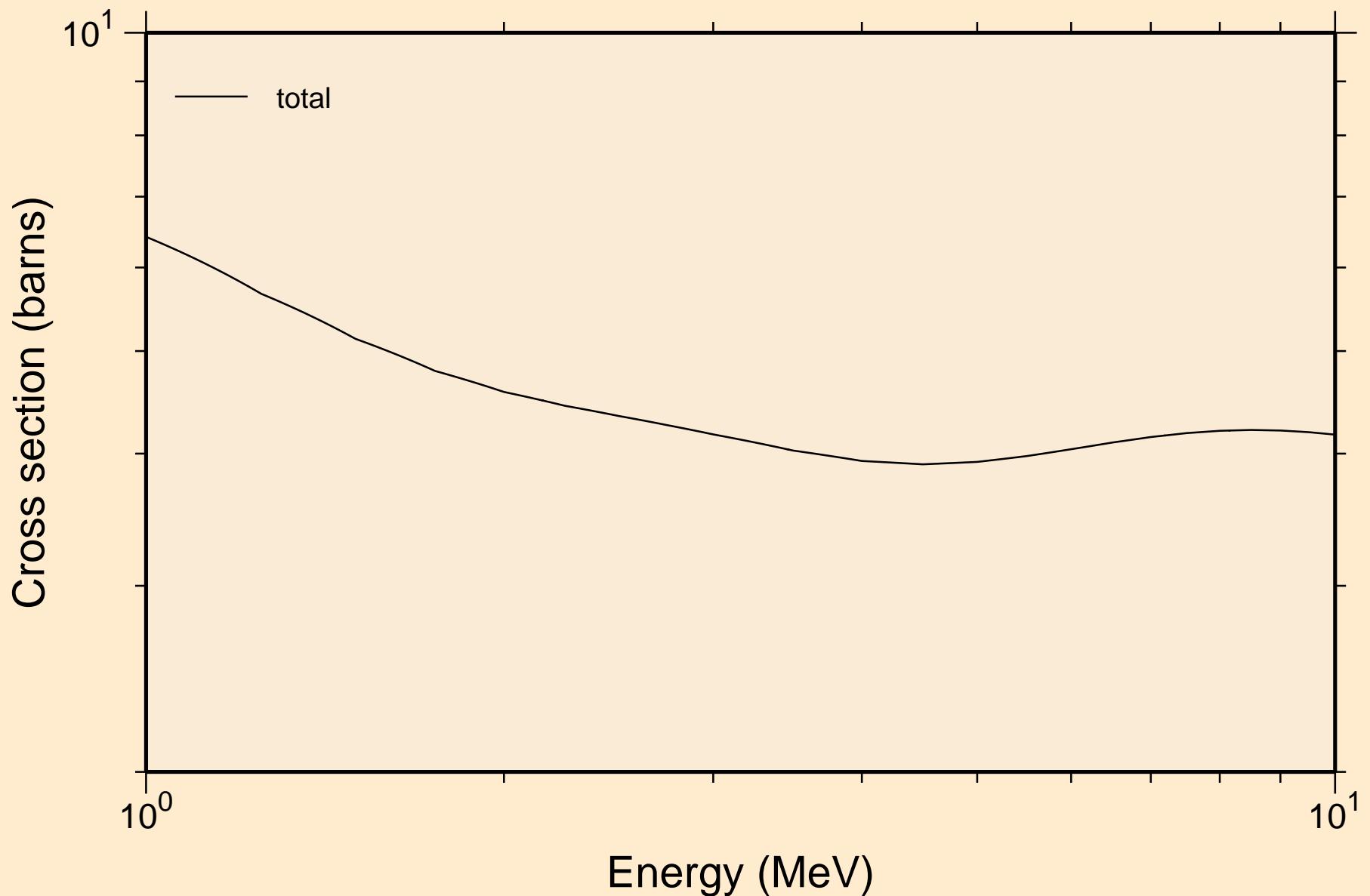
ENDF/B-VII ZR-96
resonance total cross section



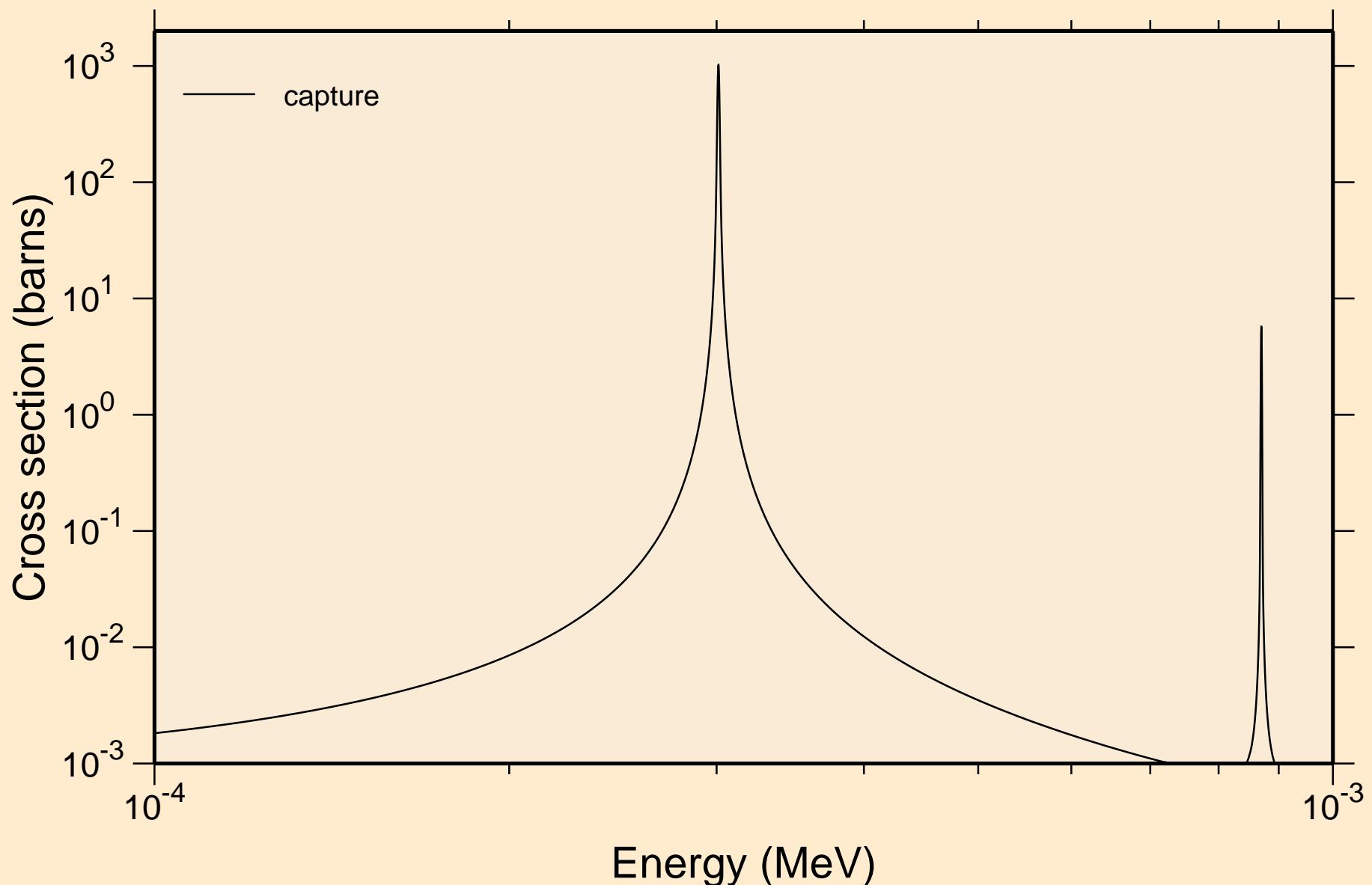
ENDF/B-VII ZR-96
resonance total cross section



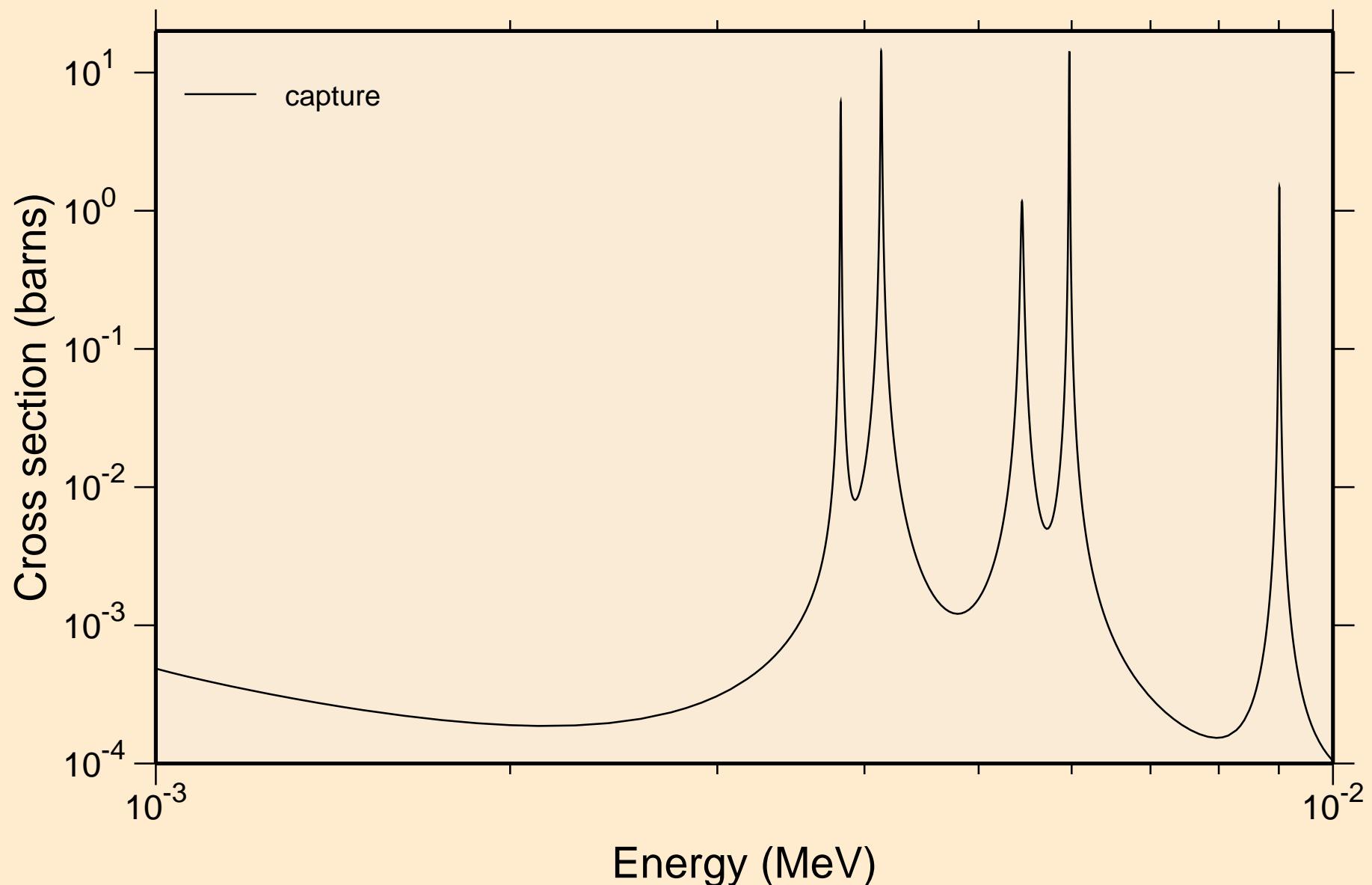
ENDF/B-VII ZR-96
resonance total cross section



ENDF/B-VII ZR-96
resonance absorption cross sections

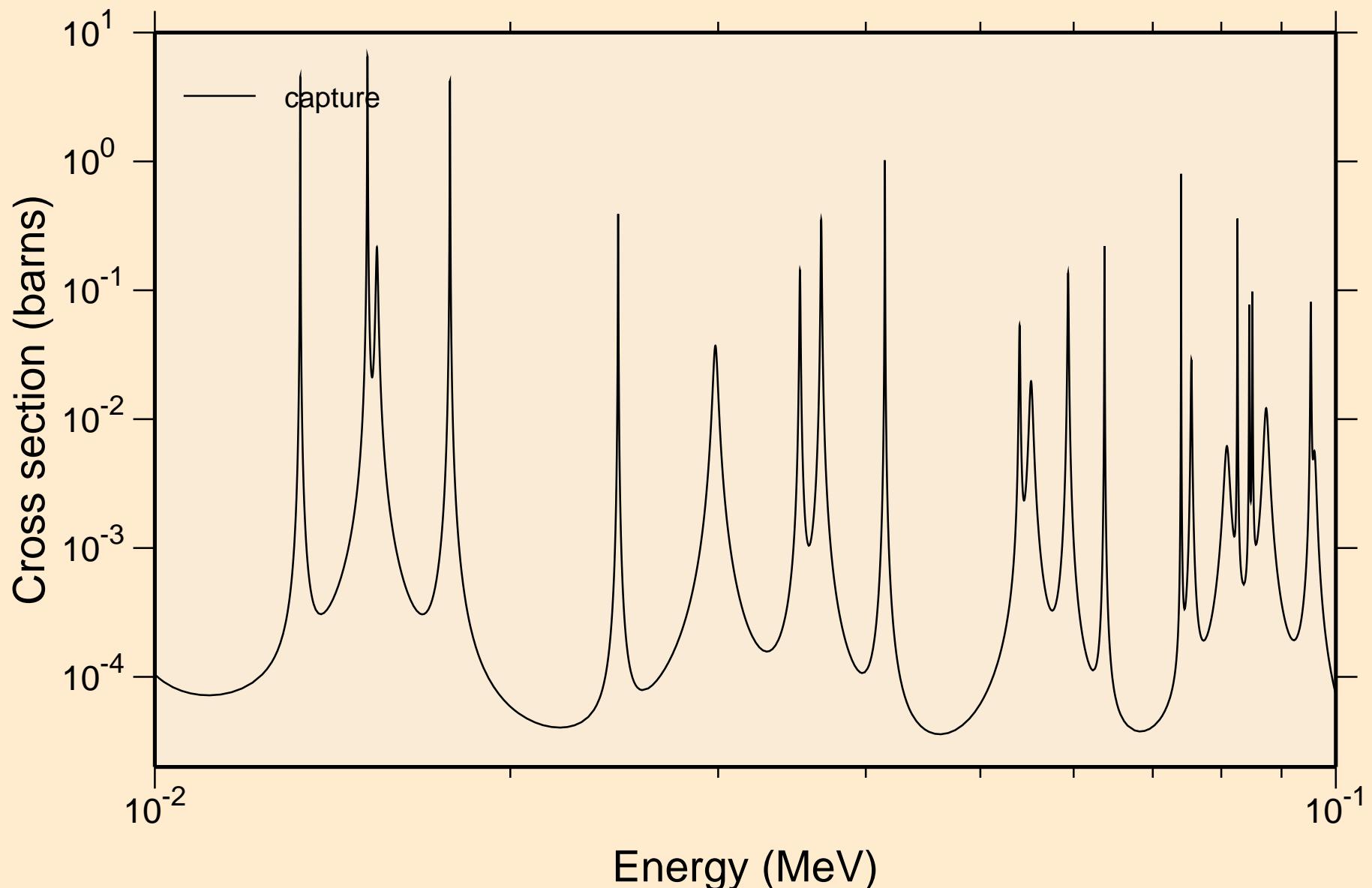


ENDF/B-VII ZR-96
resonance absorption cross sections

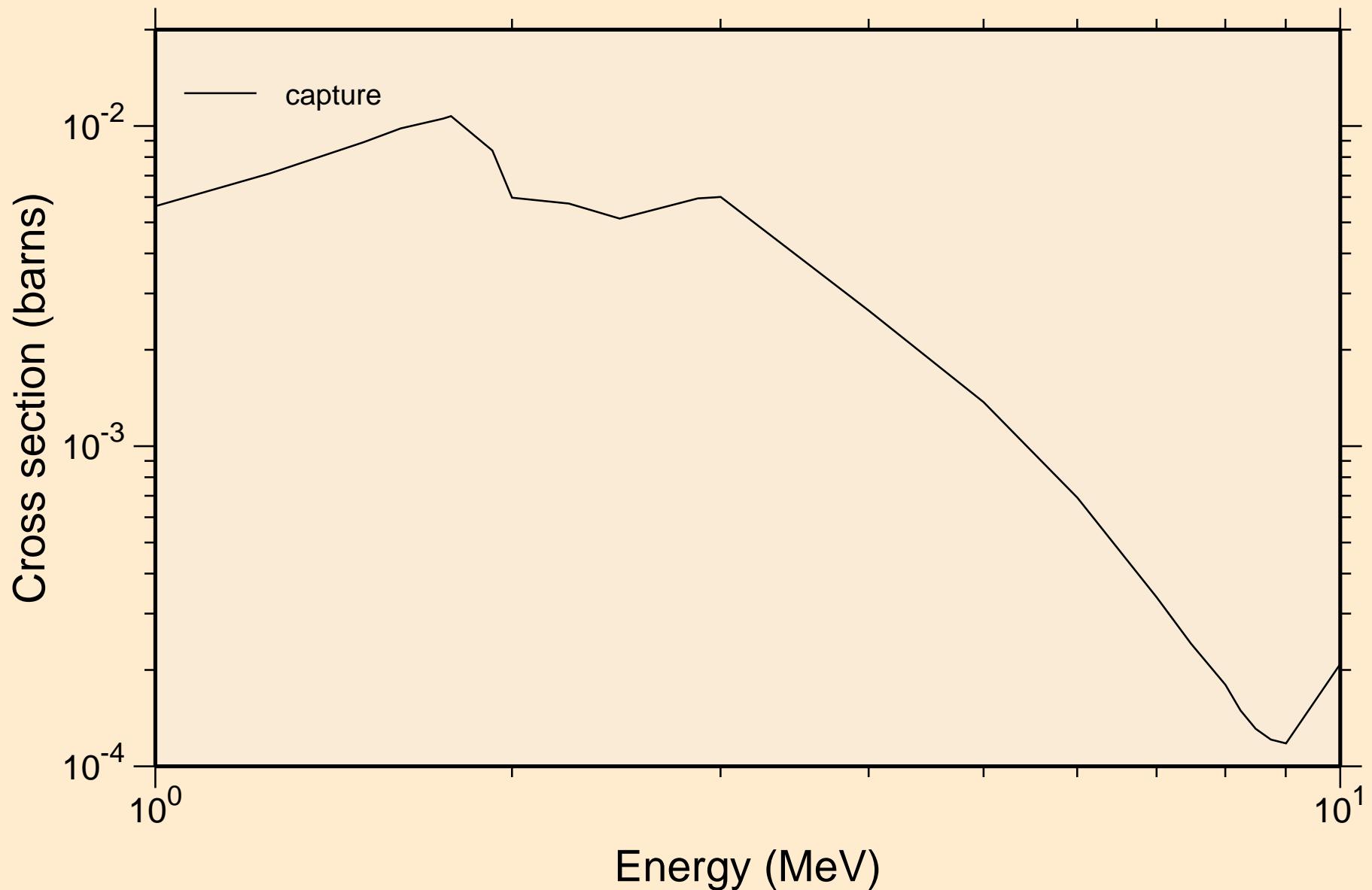


ENDF/B-VII ZR-96

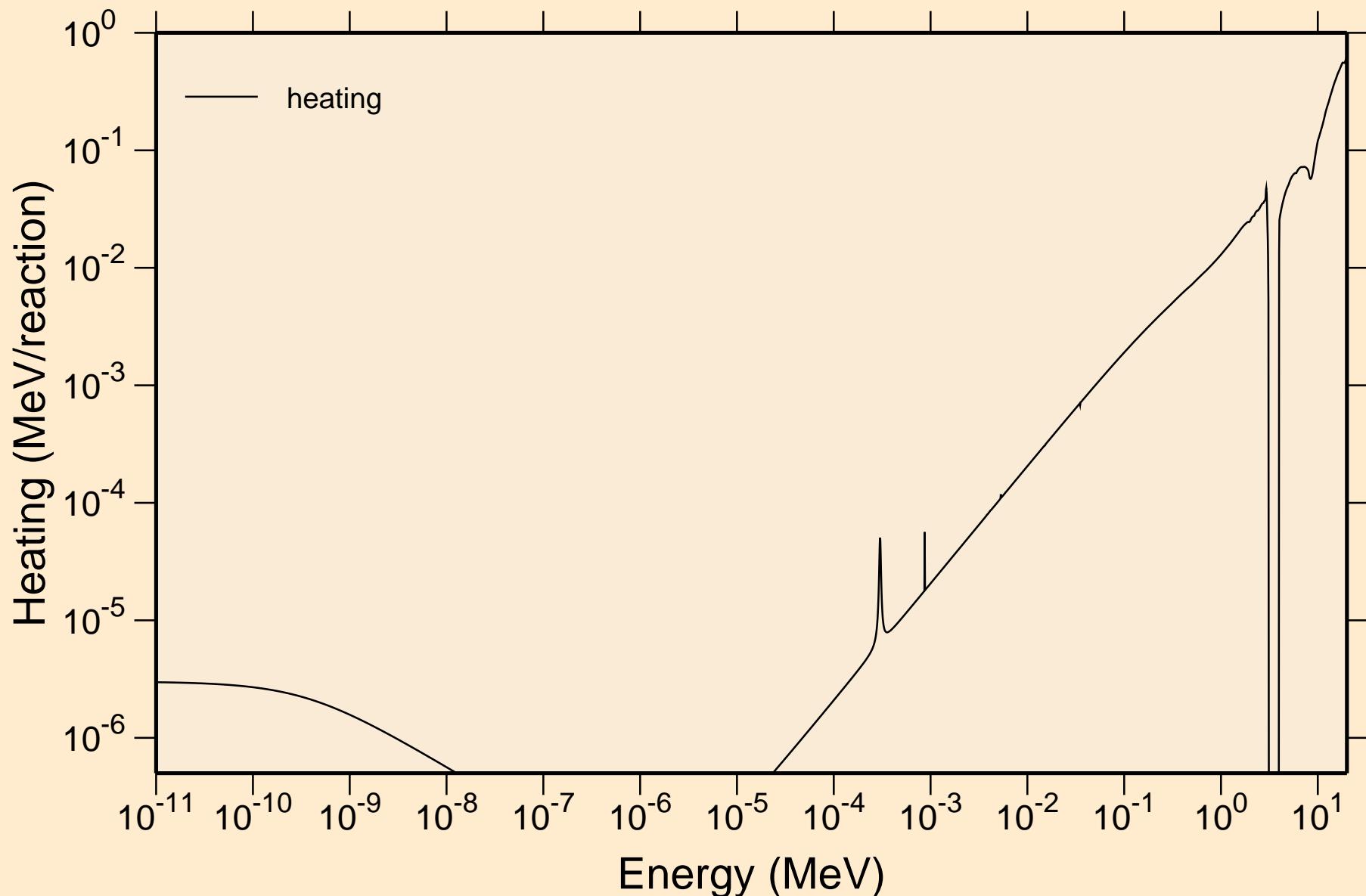
resonance absorption cross sections



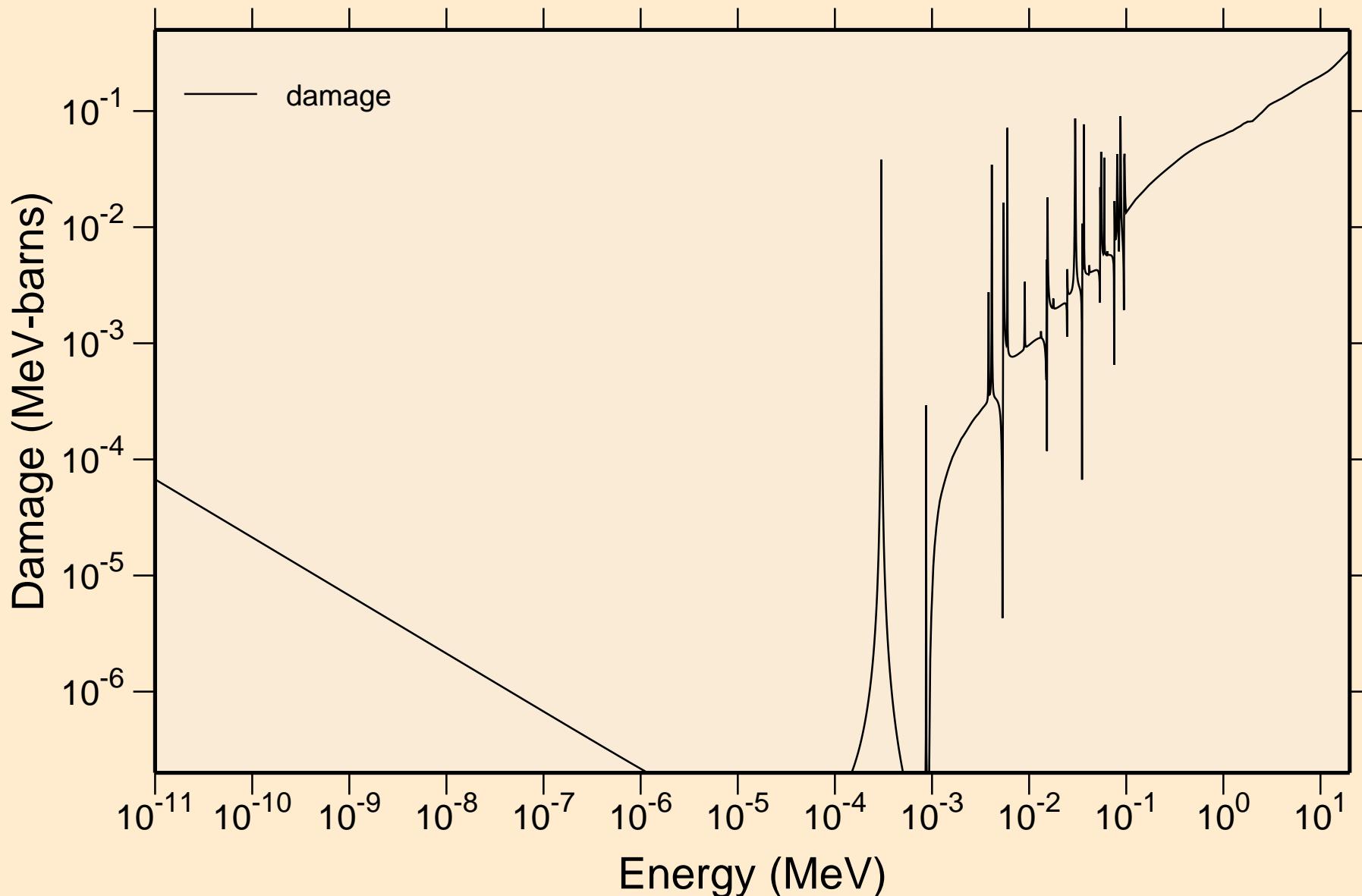
ENDF/B-VII ZR-96
resonance absorption cross sections



ENDF/B-VII ZR-96
Heating

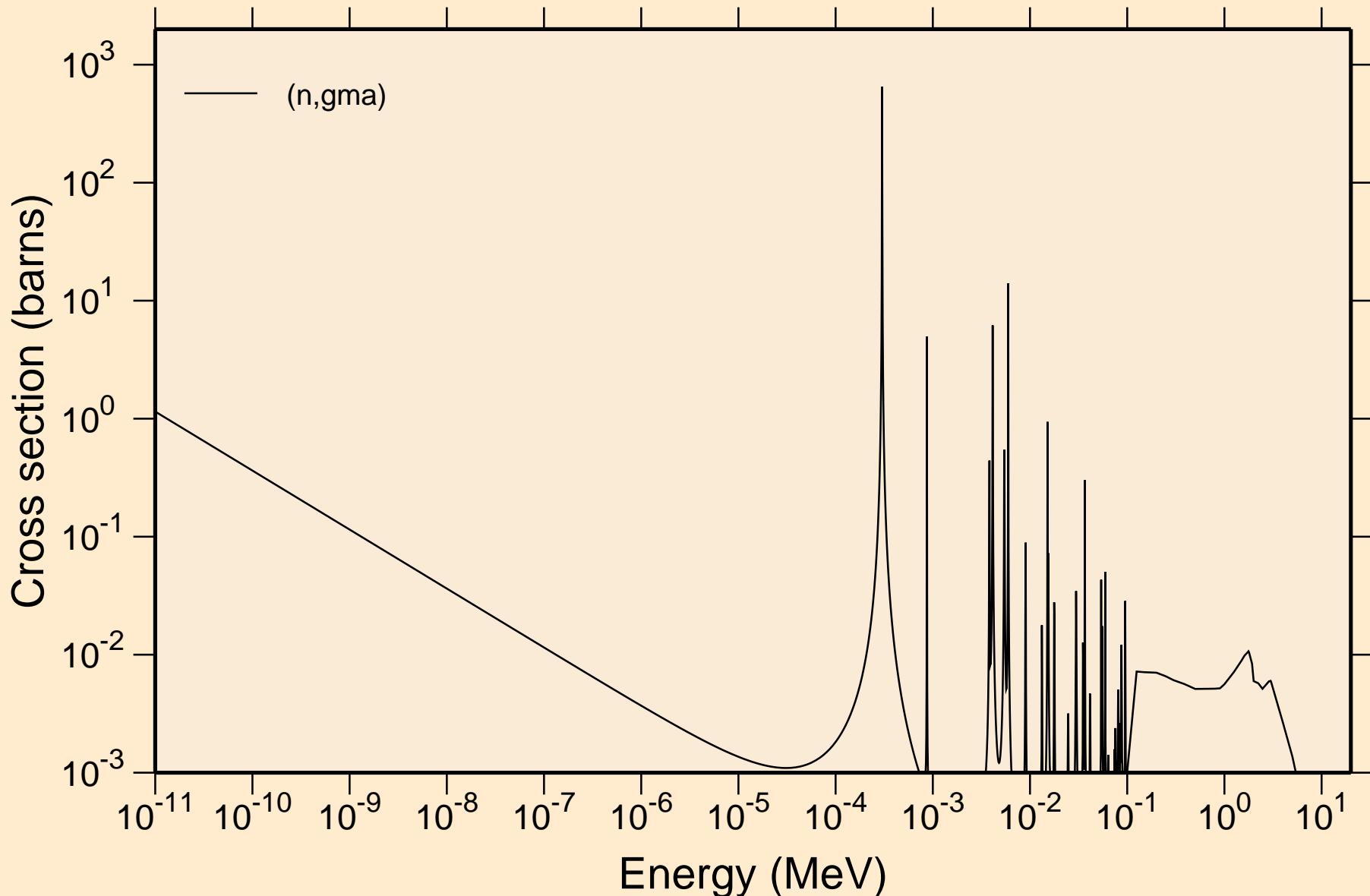


ENDF/B-VII ZR-96
Damage



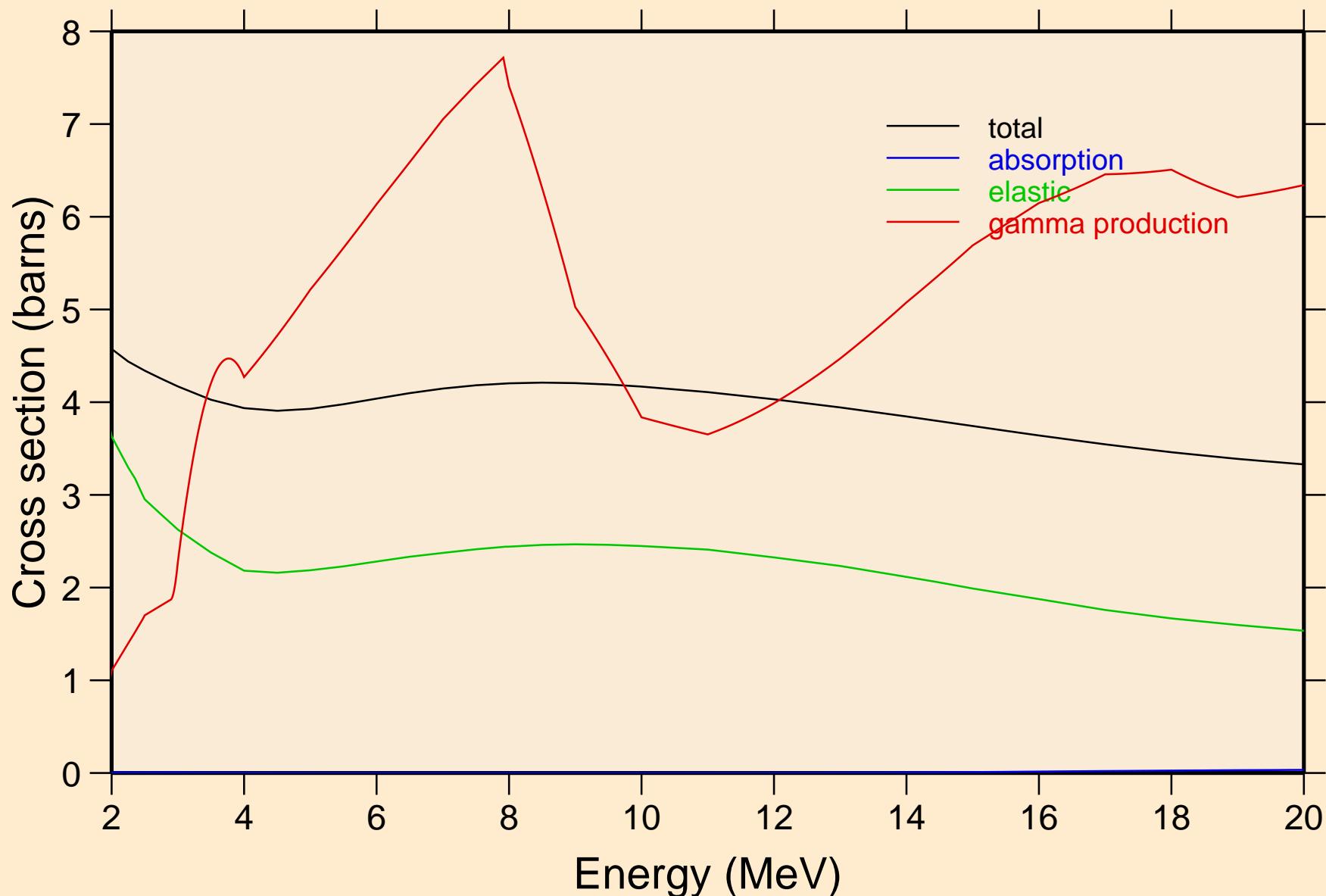
ENDF/B-VII ZR-96

Non-threshold reactions

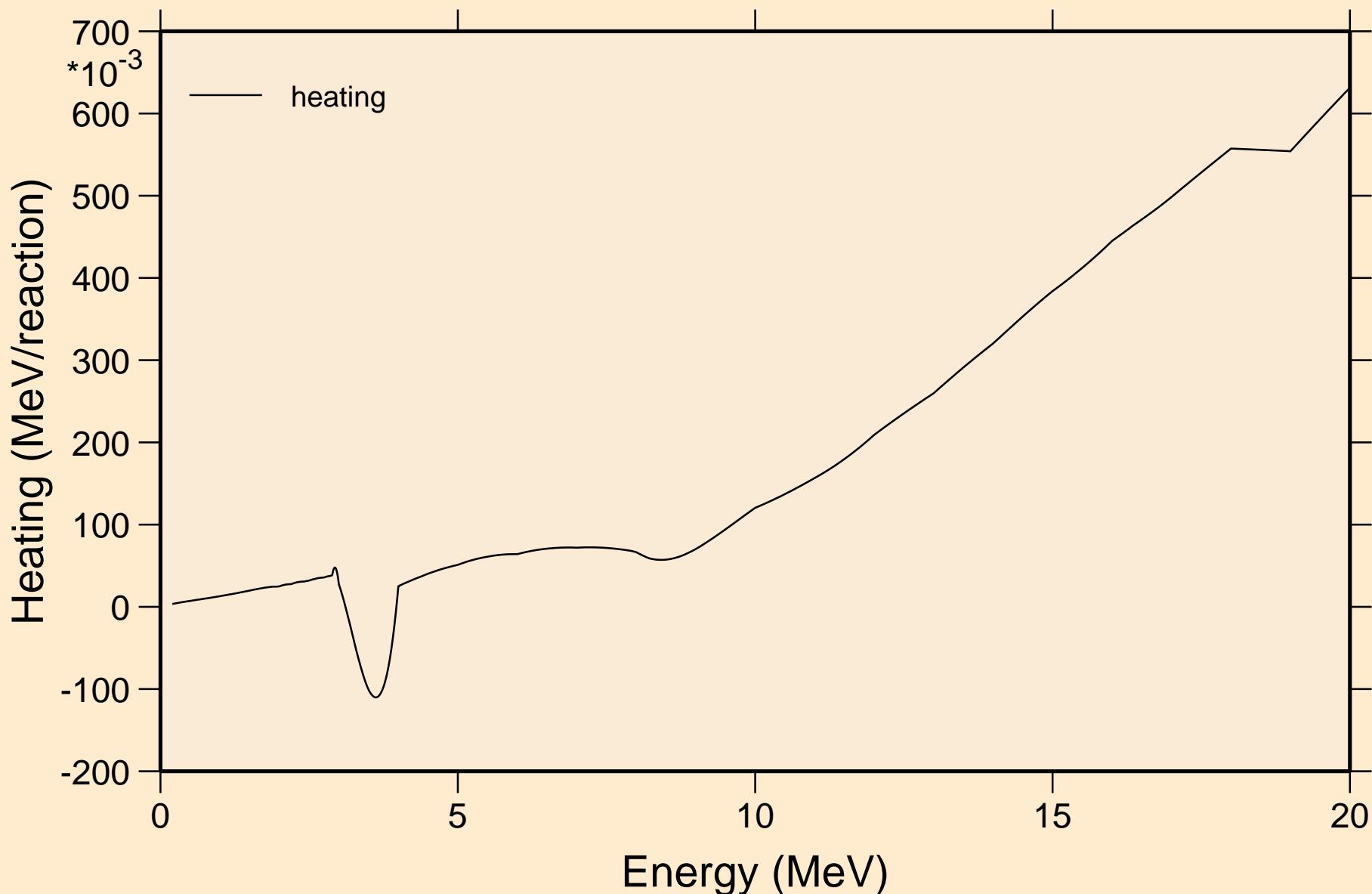


ENDF/B-VII ZR-96

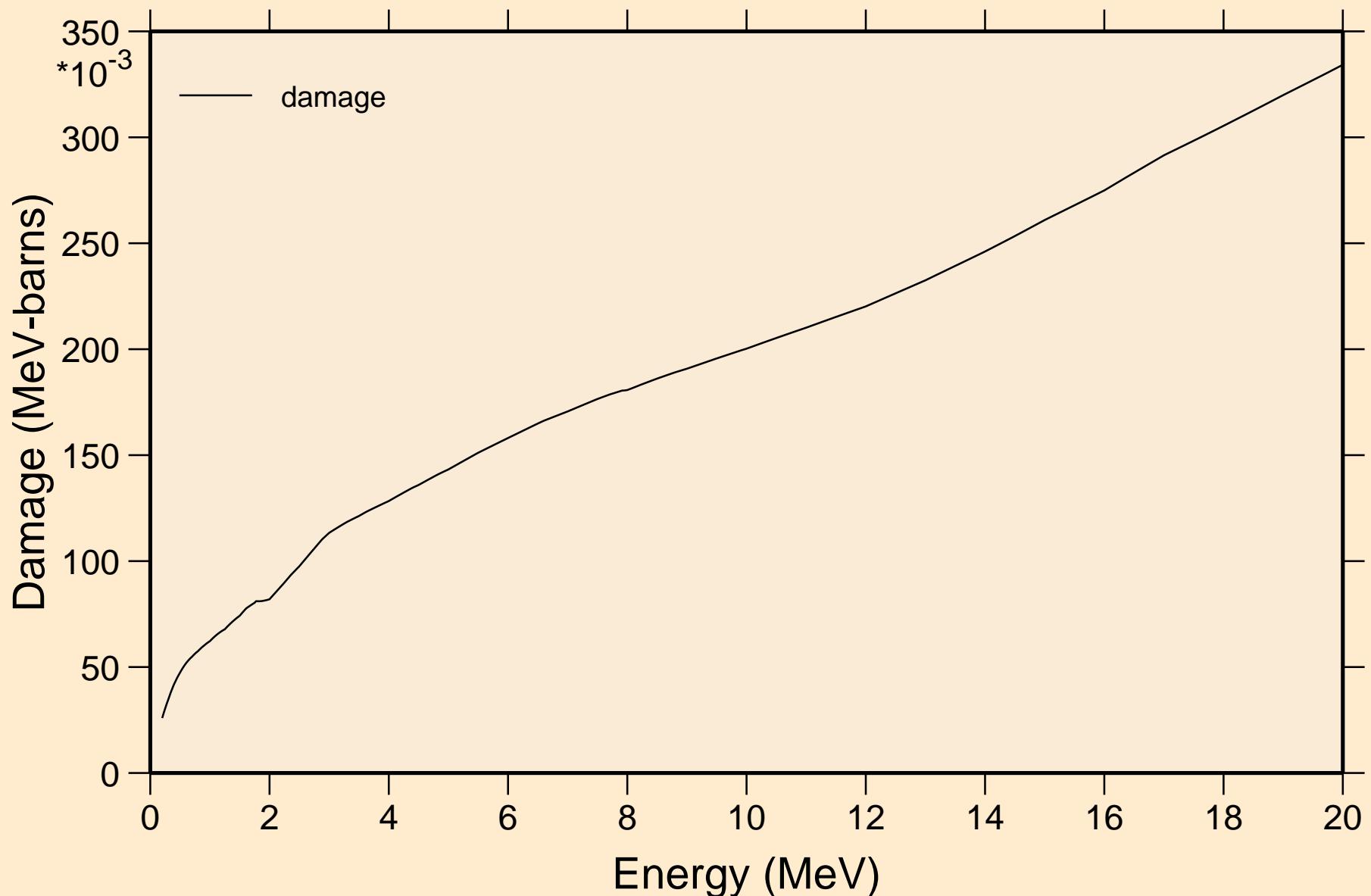
Principal cross sections



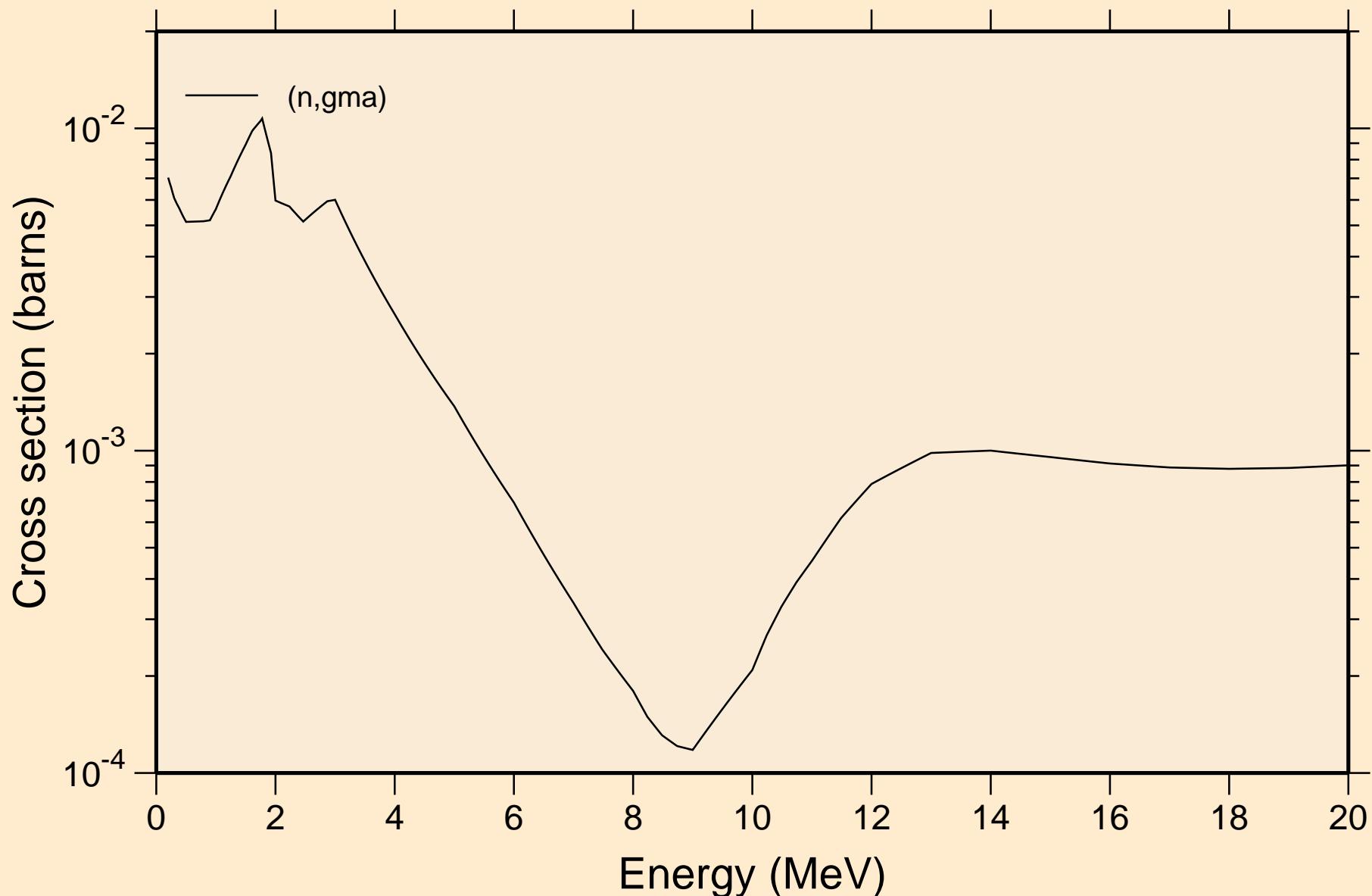
ENDF/B-VII ZR-96
Heating



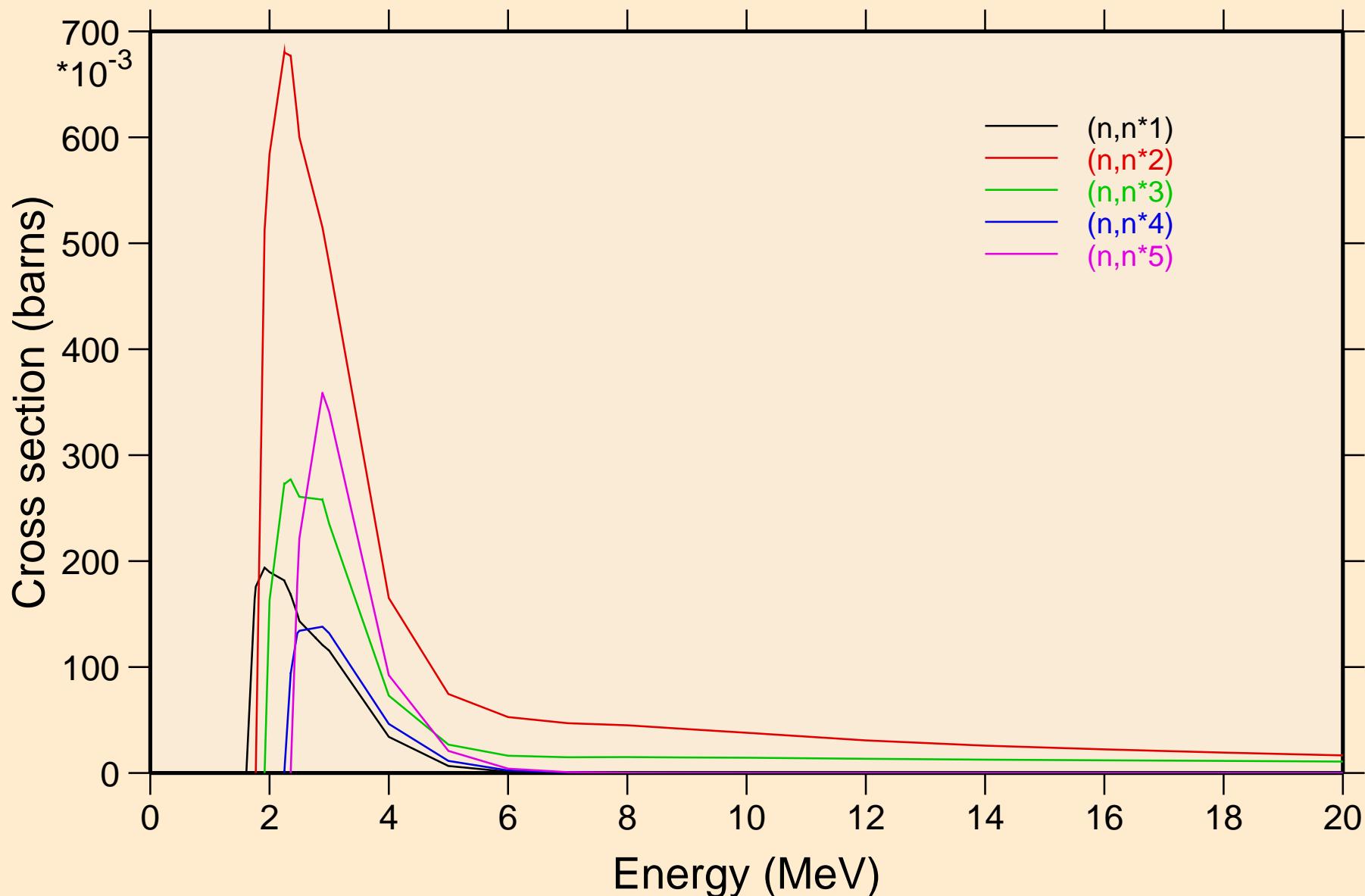
ENDF/B-VII ZR-96
Damage



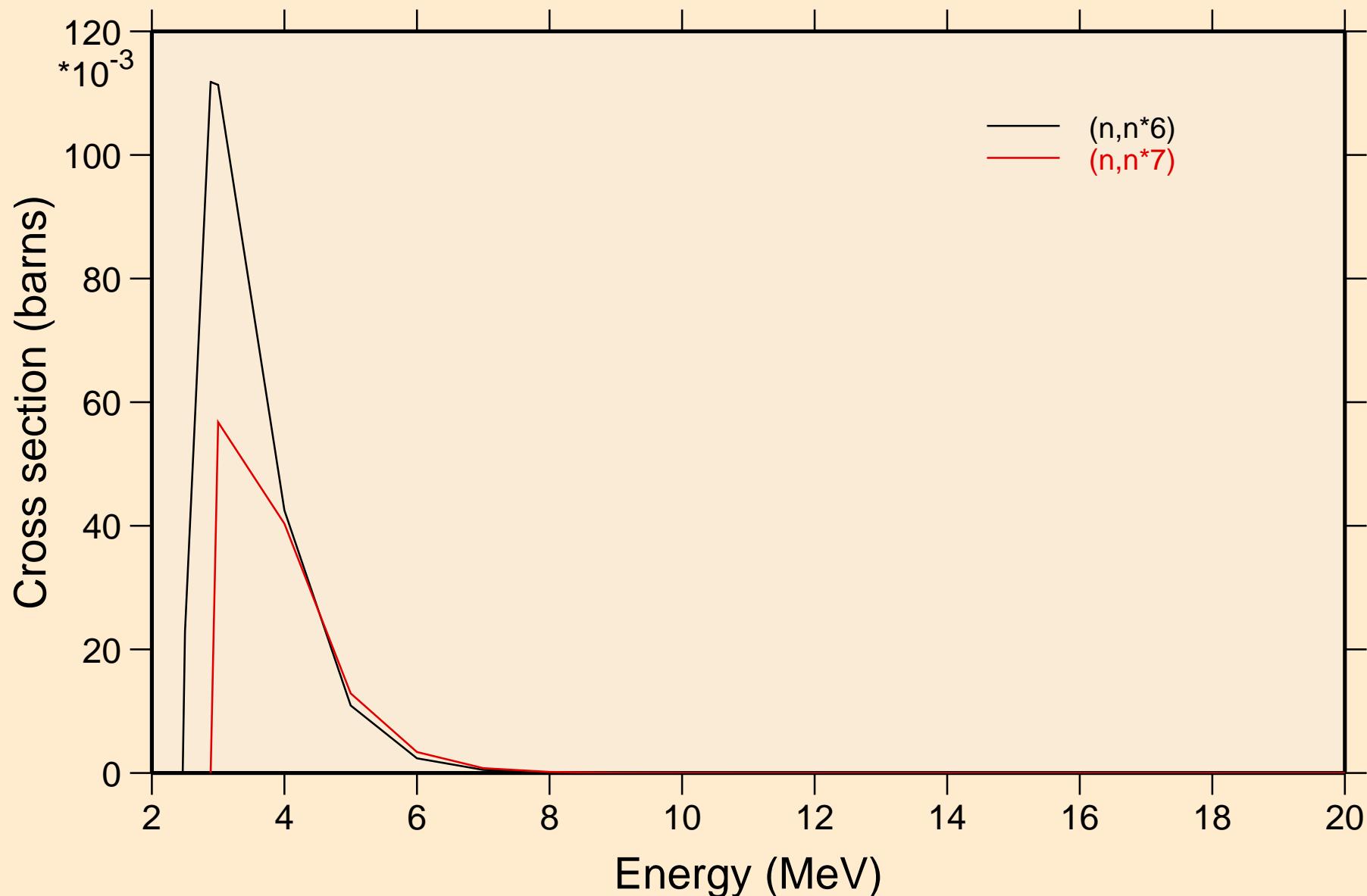
ENDF/B-VII ZR-96
Non-threshold reactions



ENDF/B-VII ZR-96
Inelastic levels

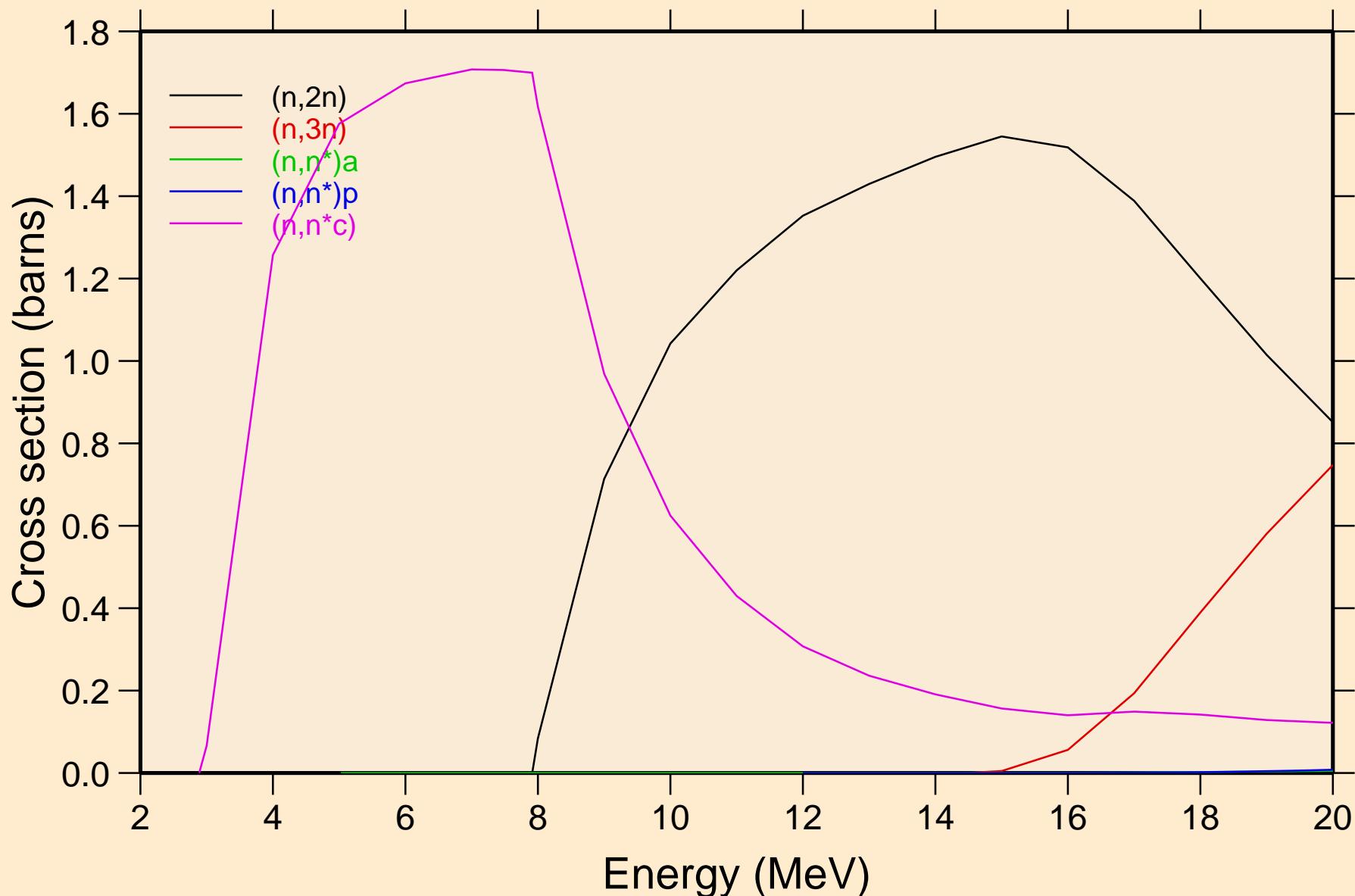


ENDF/B-VII ZR-96
Inelastic levels



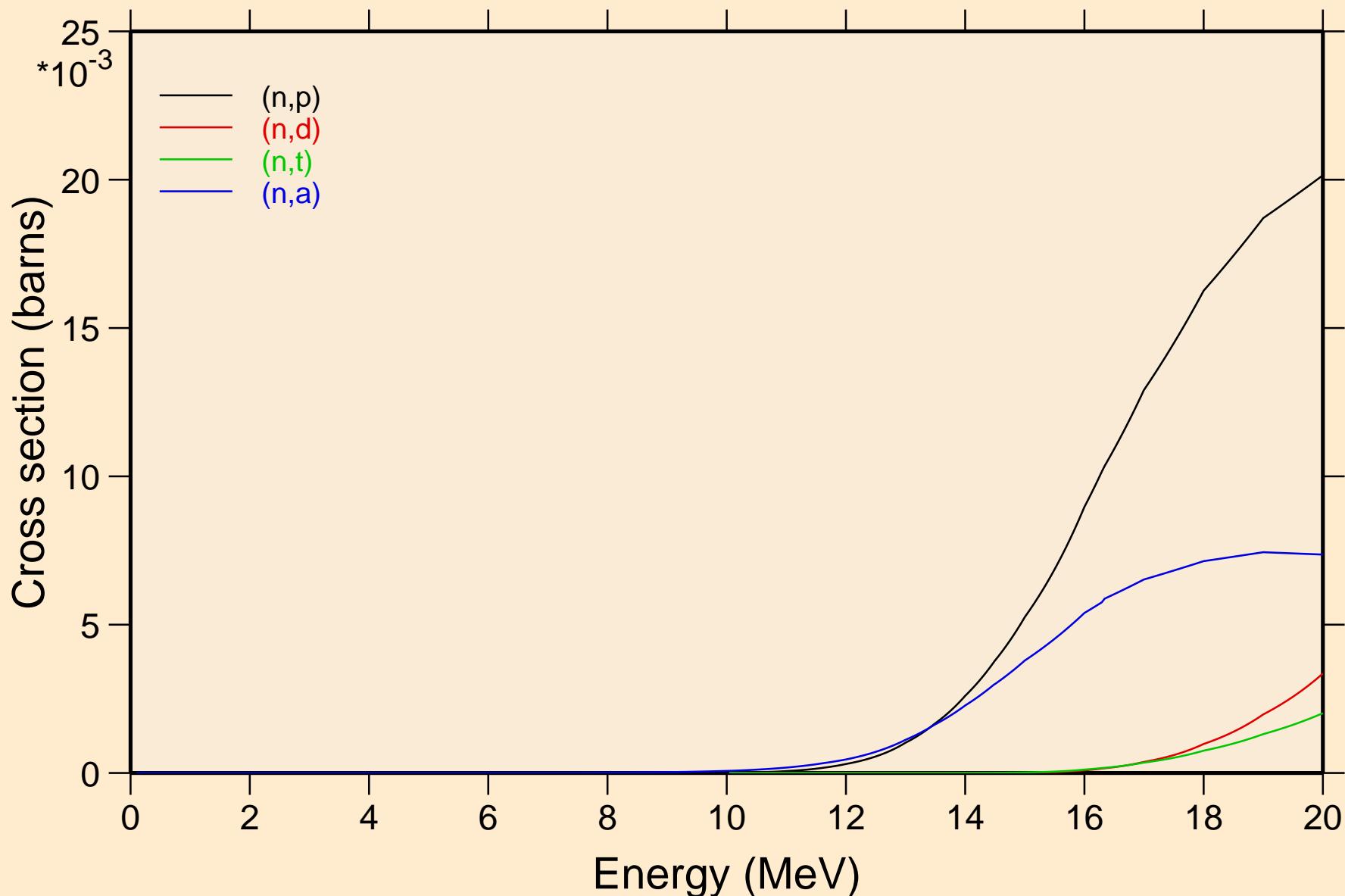
ENDF/B-VII ZR-96

Threshold reactions



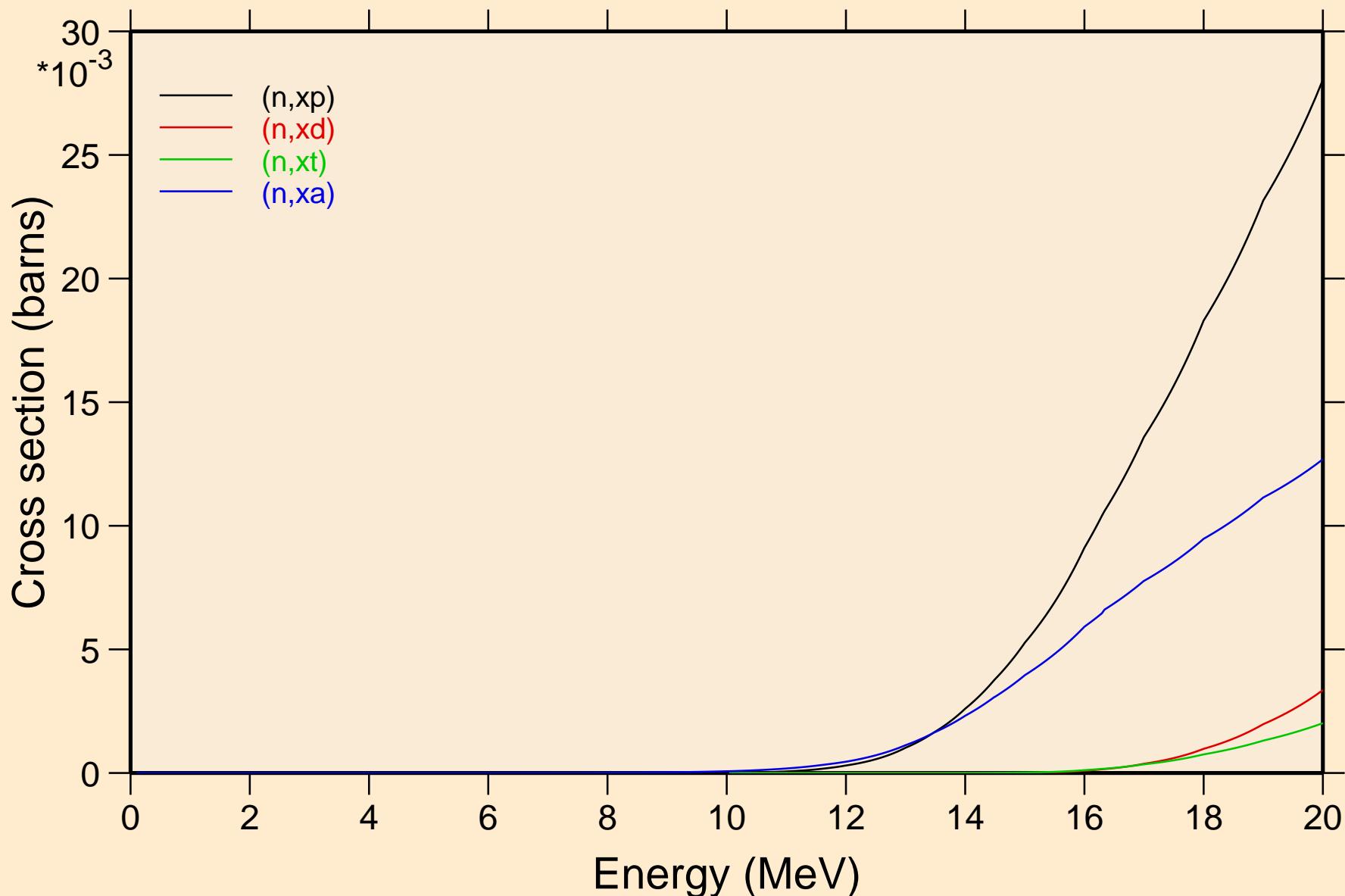
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Threshold reactions

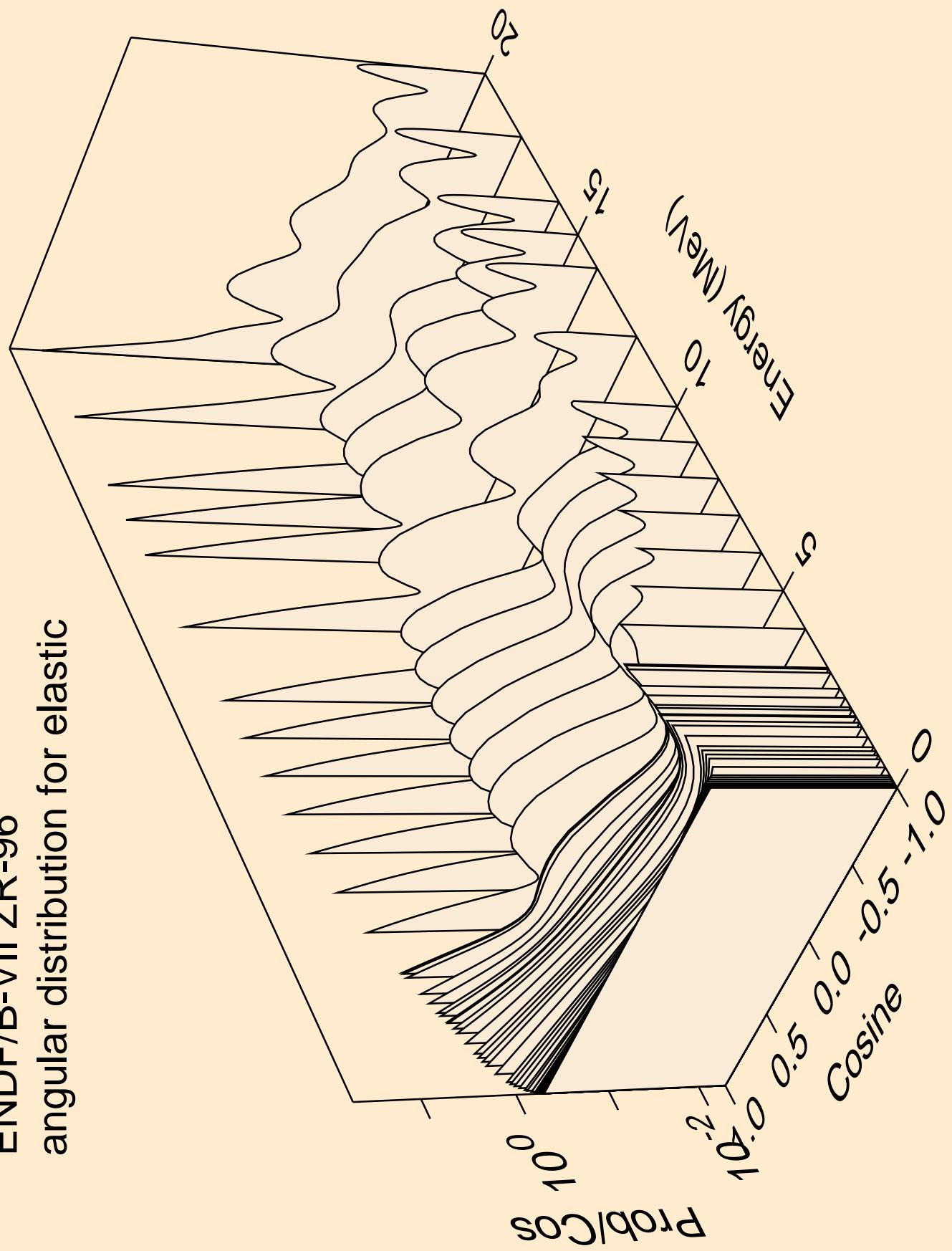


ENDF/B-VII ZR-96

Threshold reactions

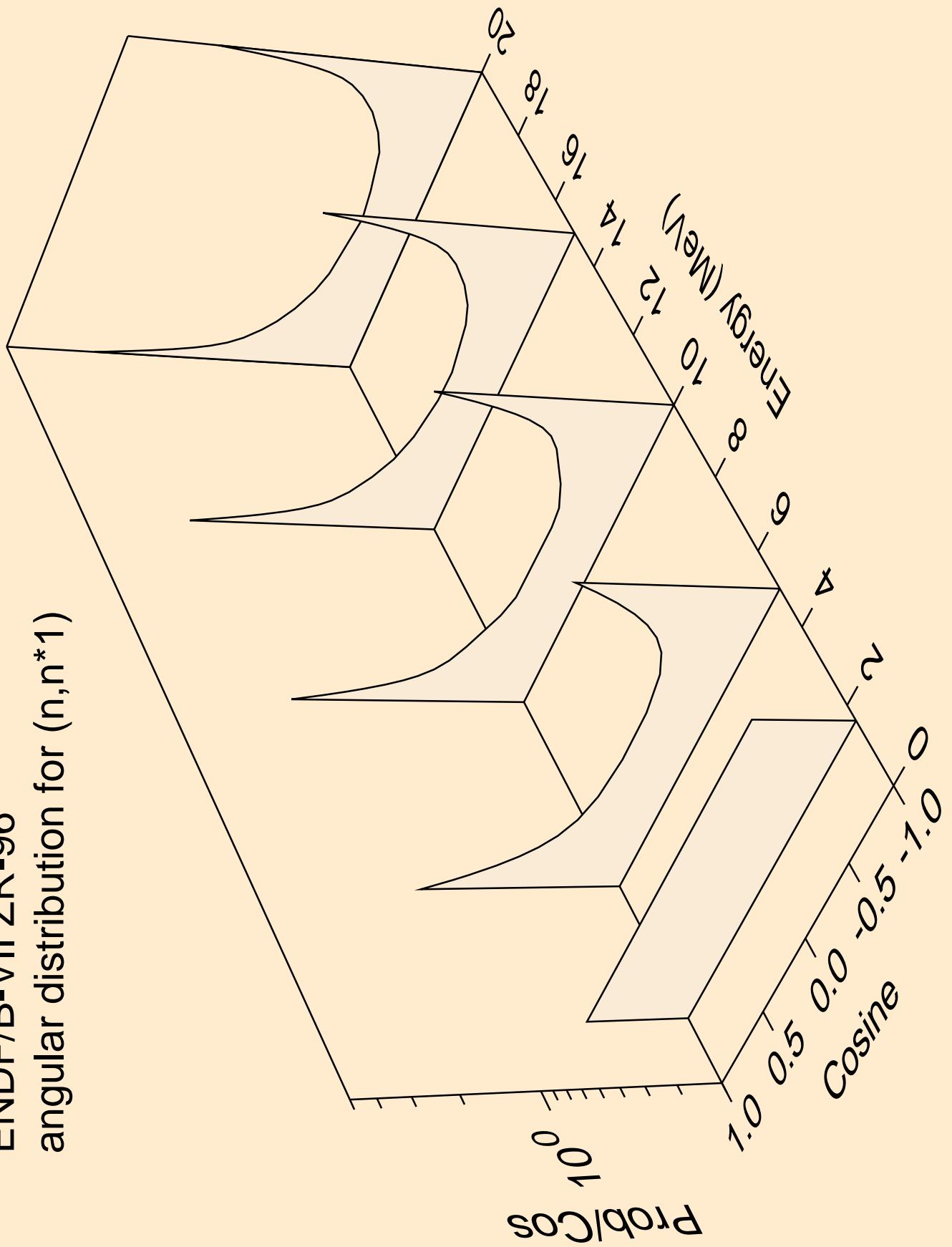


ENDF/B-VII ZR-96
angular distribution for elastic



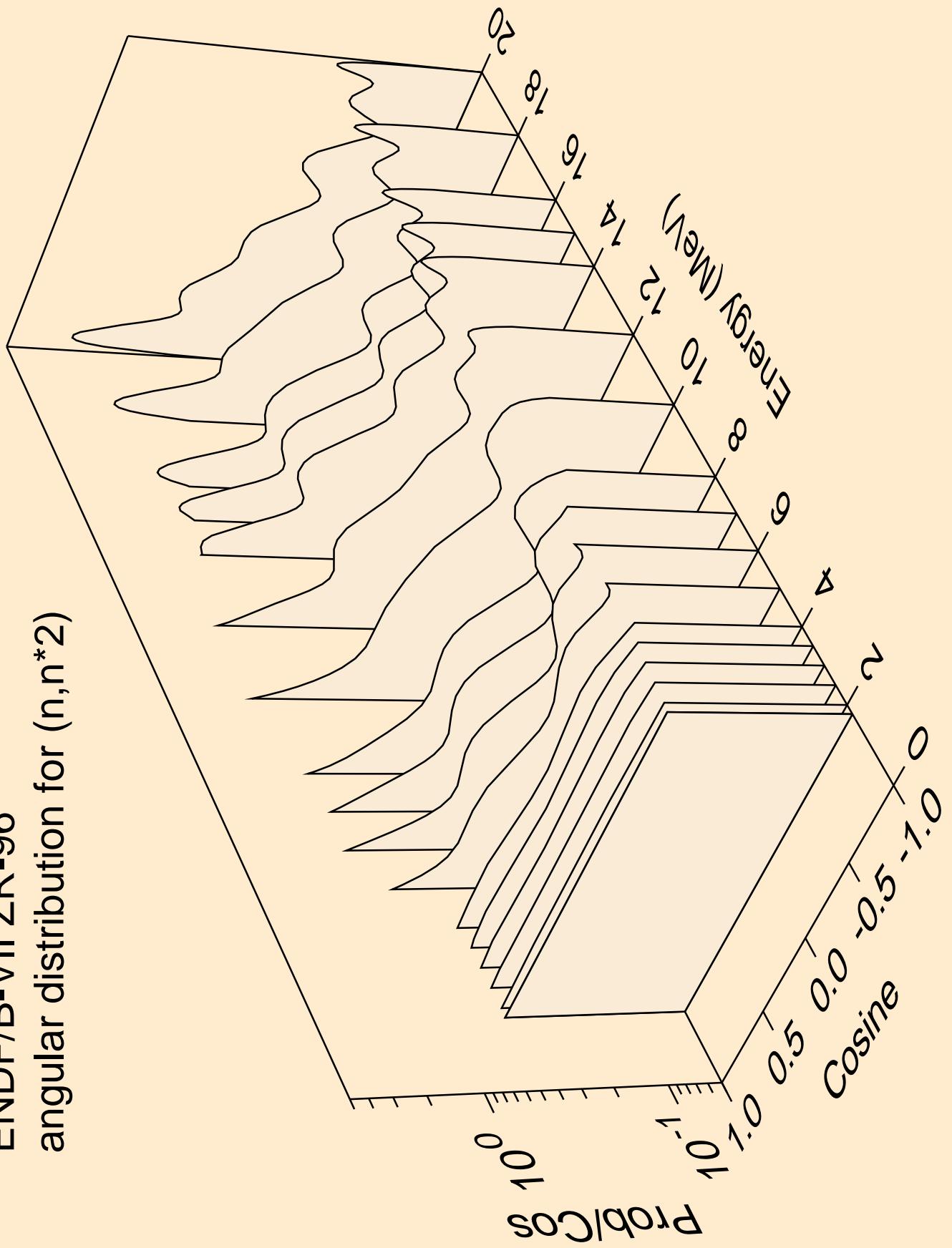
ENDF/B-VII ZR-96

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



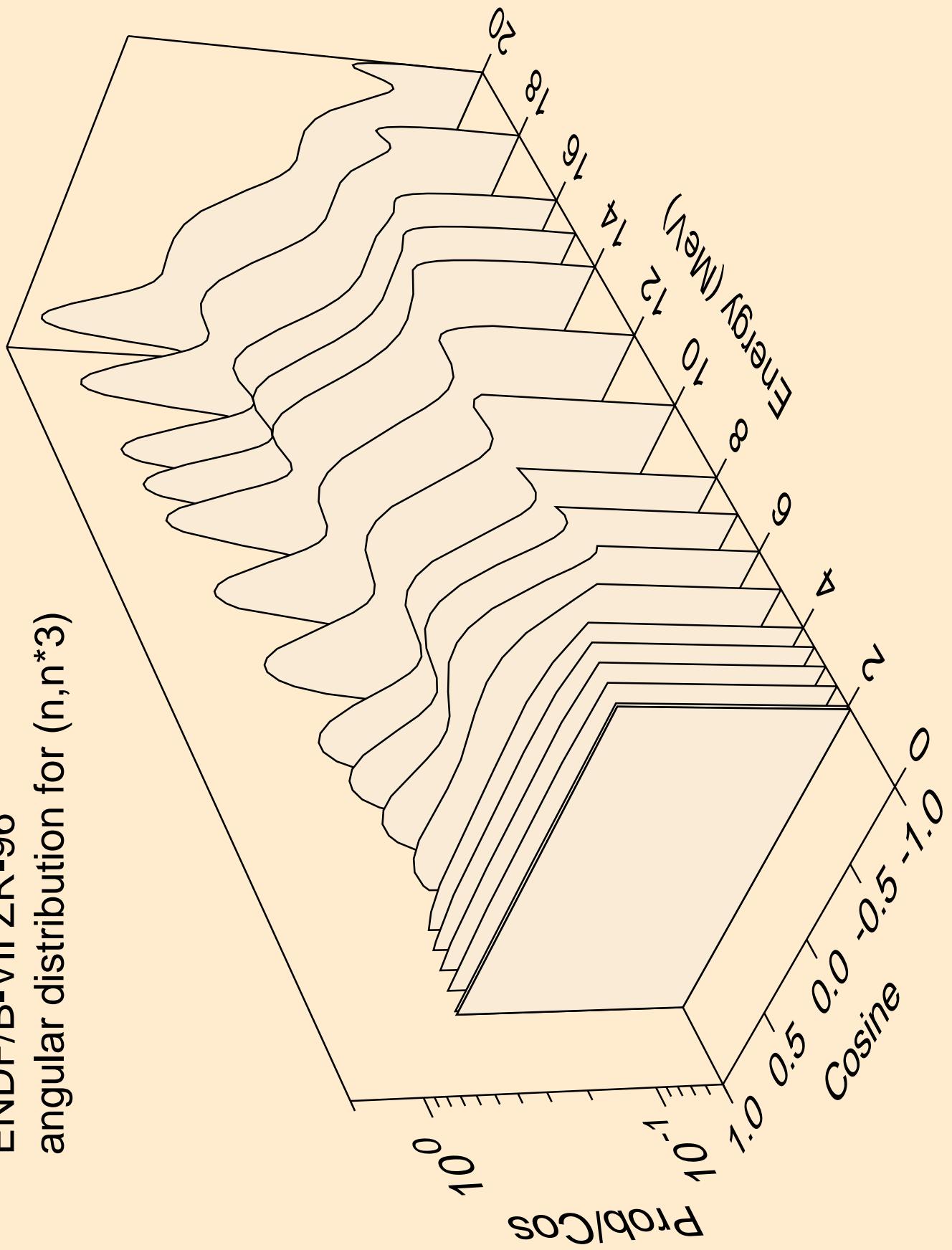
ENDF/B-VII ZR-96

angular distribution for $(n, n^* 2)$



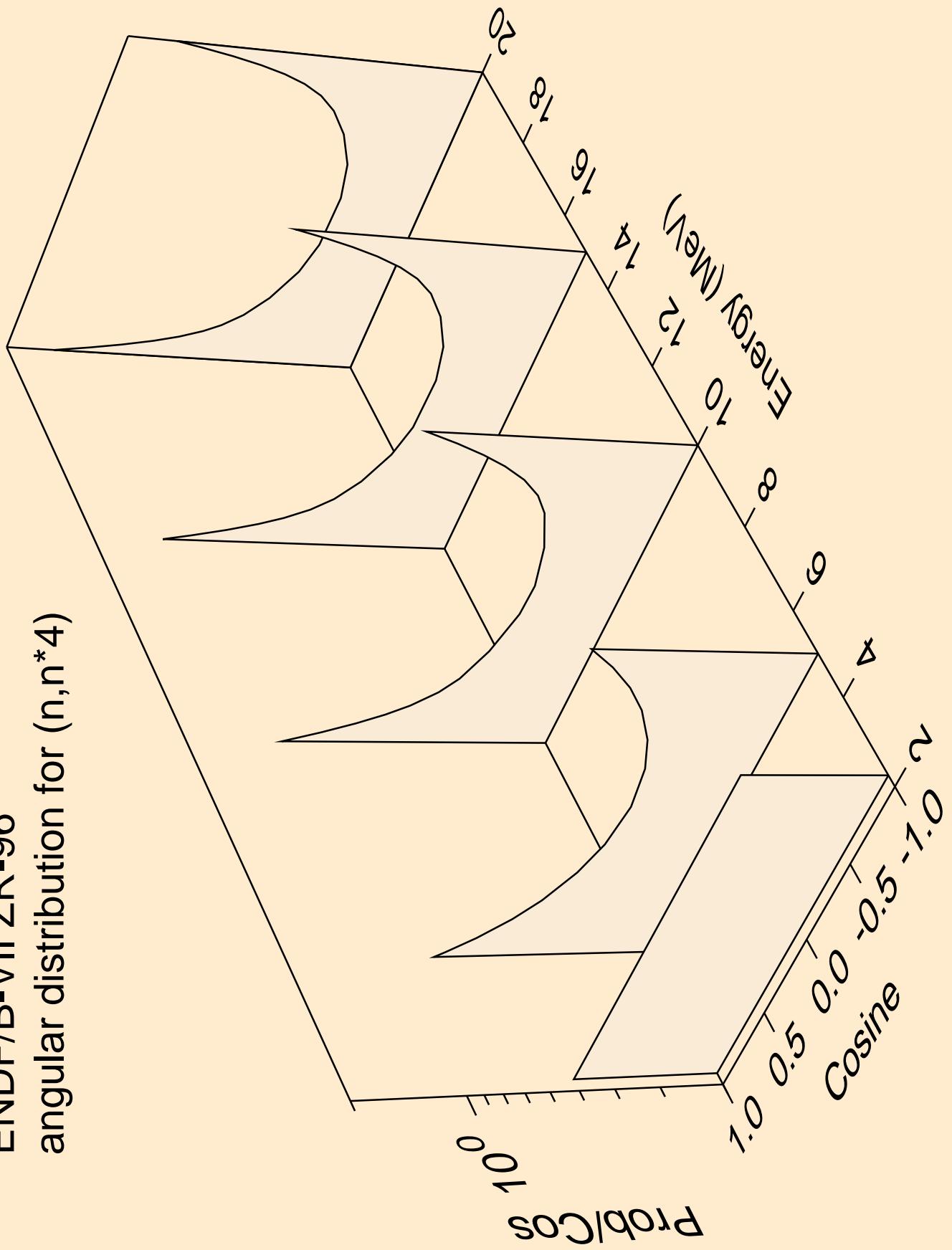
ENDF/B-VII ZR-96

angular distribution for (n,n^*3)



ENDF/B-VII ZR-96

angular distribution for (n,n^*4)



ENDF/B-VII ZR-96

angular distribution for (n,n^*5)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

20

18

16

14

12

10

8

6

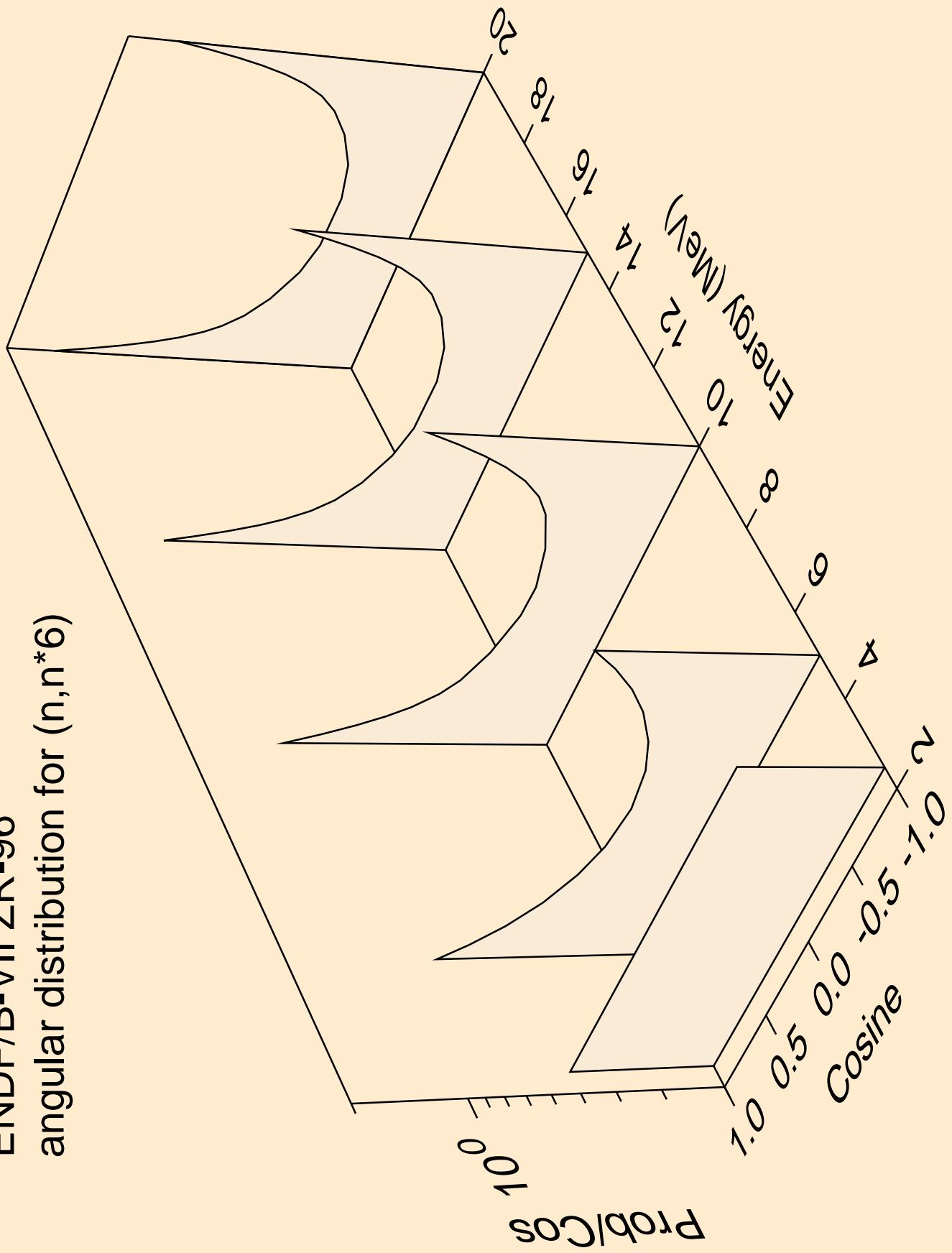
4

2

0

ENDF/B-VII ZR-96

angular distribution for (n,n*6)



ENDF/B-VII ZR-96

angular distribution for (n,n^*7)

10^0

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

-0.5

0.0

0.5

1.0

Cosine

Energy (MeV)

20

18

16

14

12

10

8

6

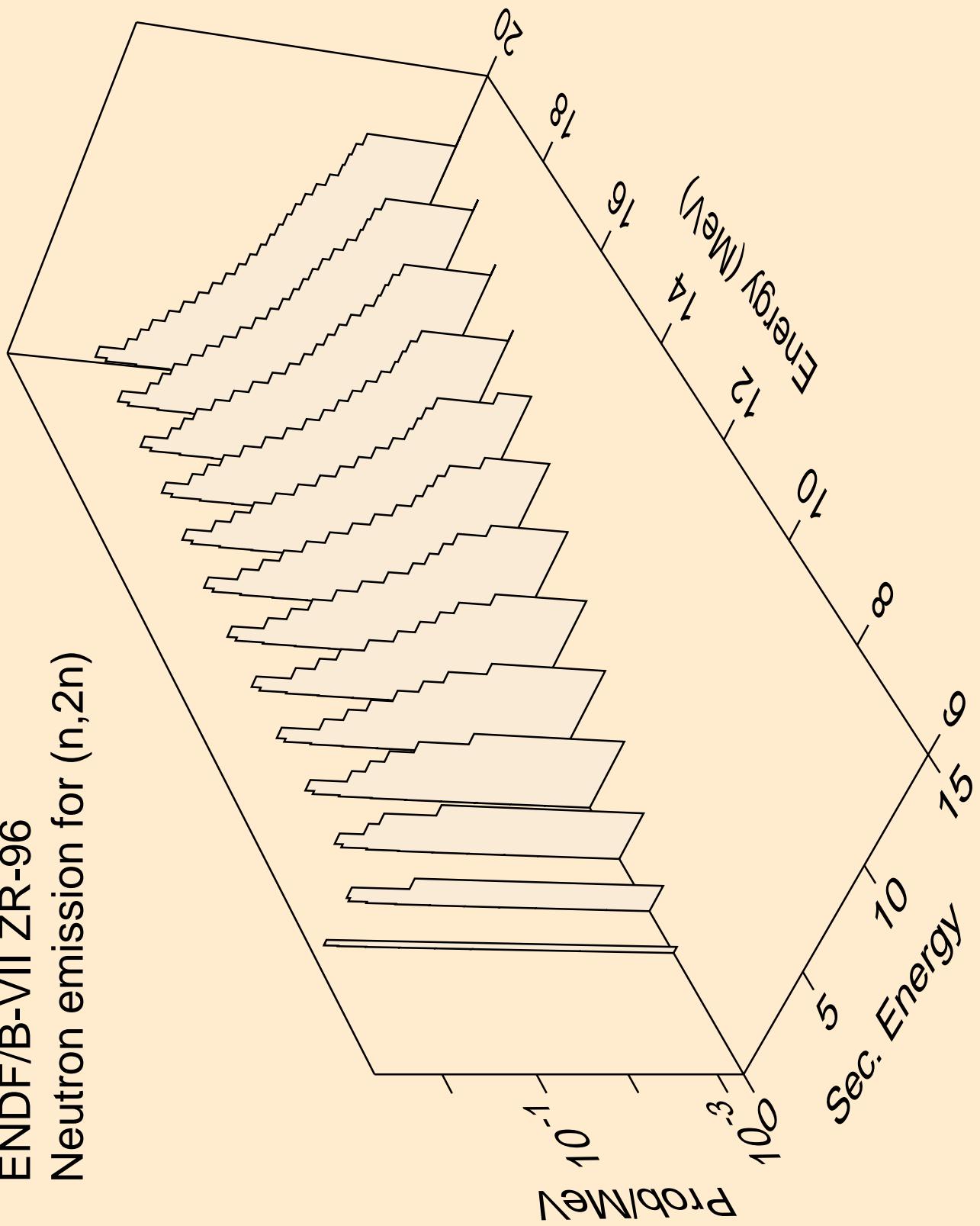
4

2

0

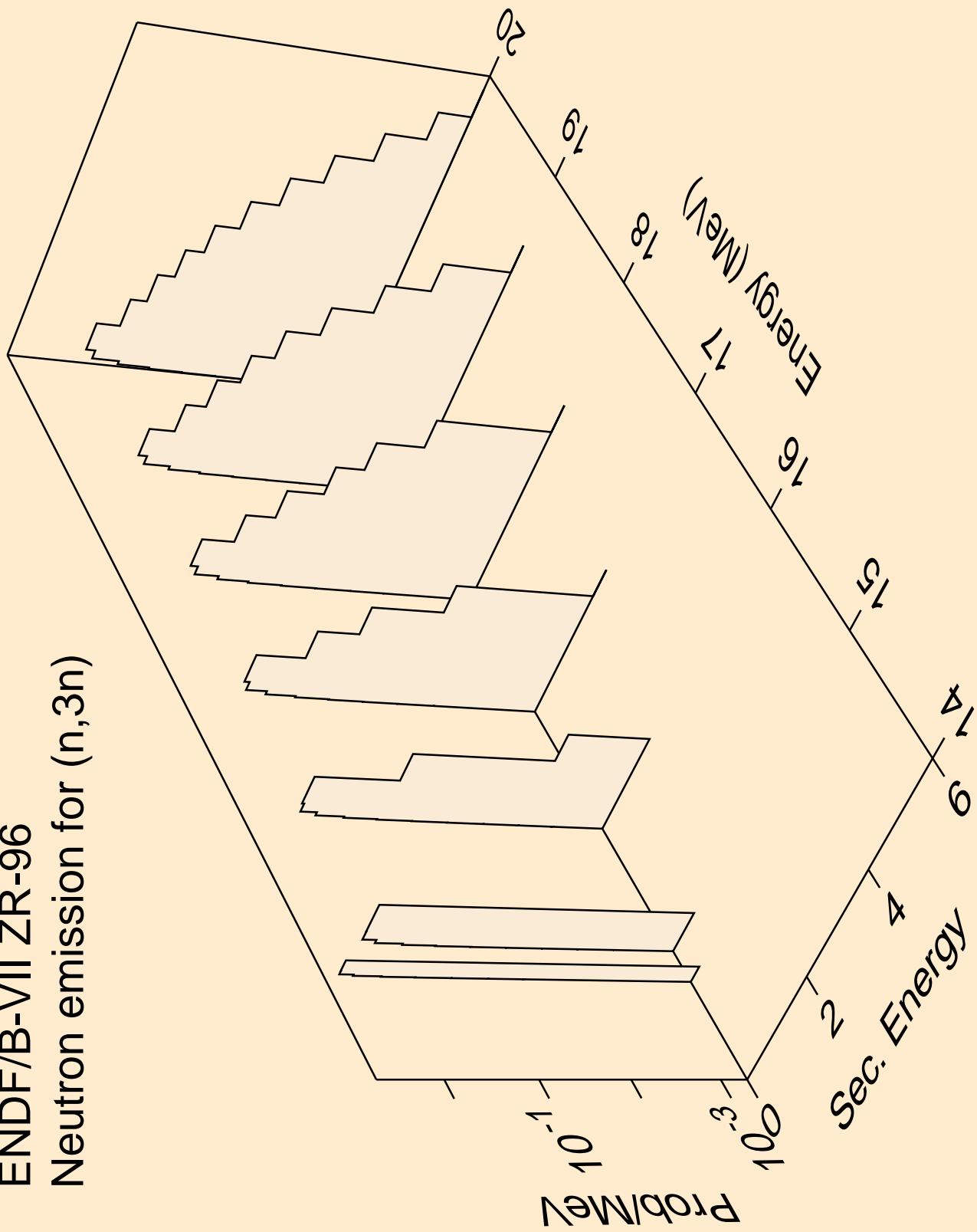
ENDF/B-VII ZR-96

Neutron emission for $(n,2n)$



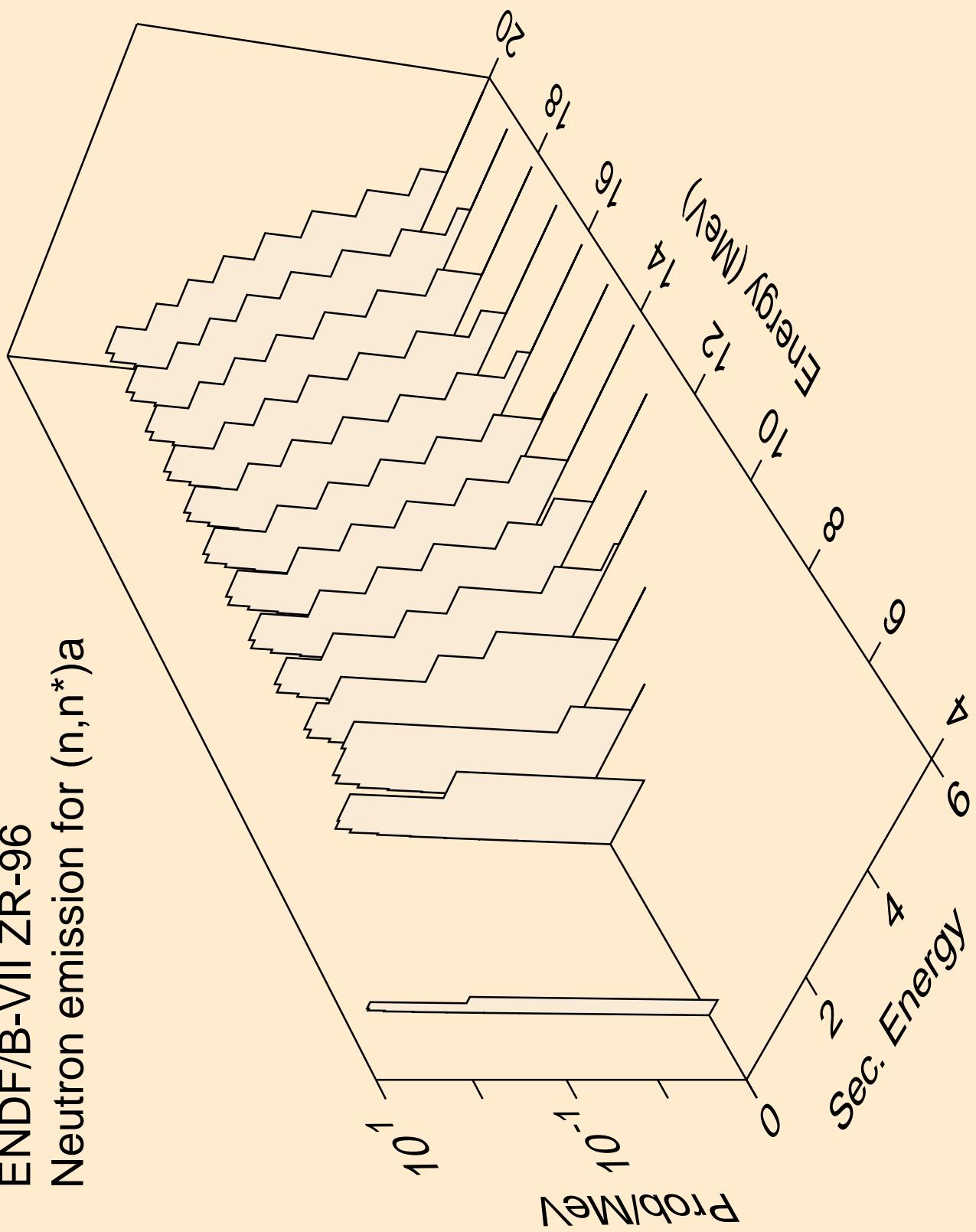
ENDF/B-VII ZR-96

Neutron emission for $(n, 3n)$



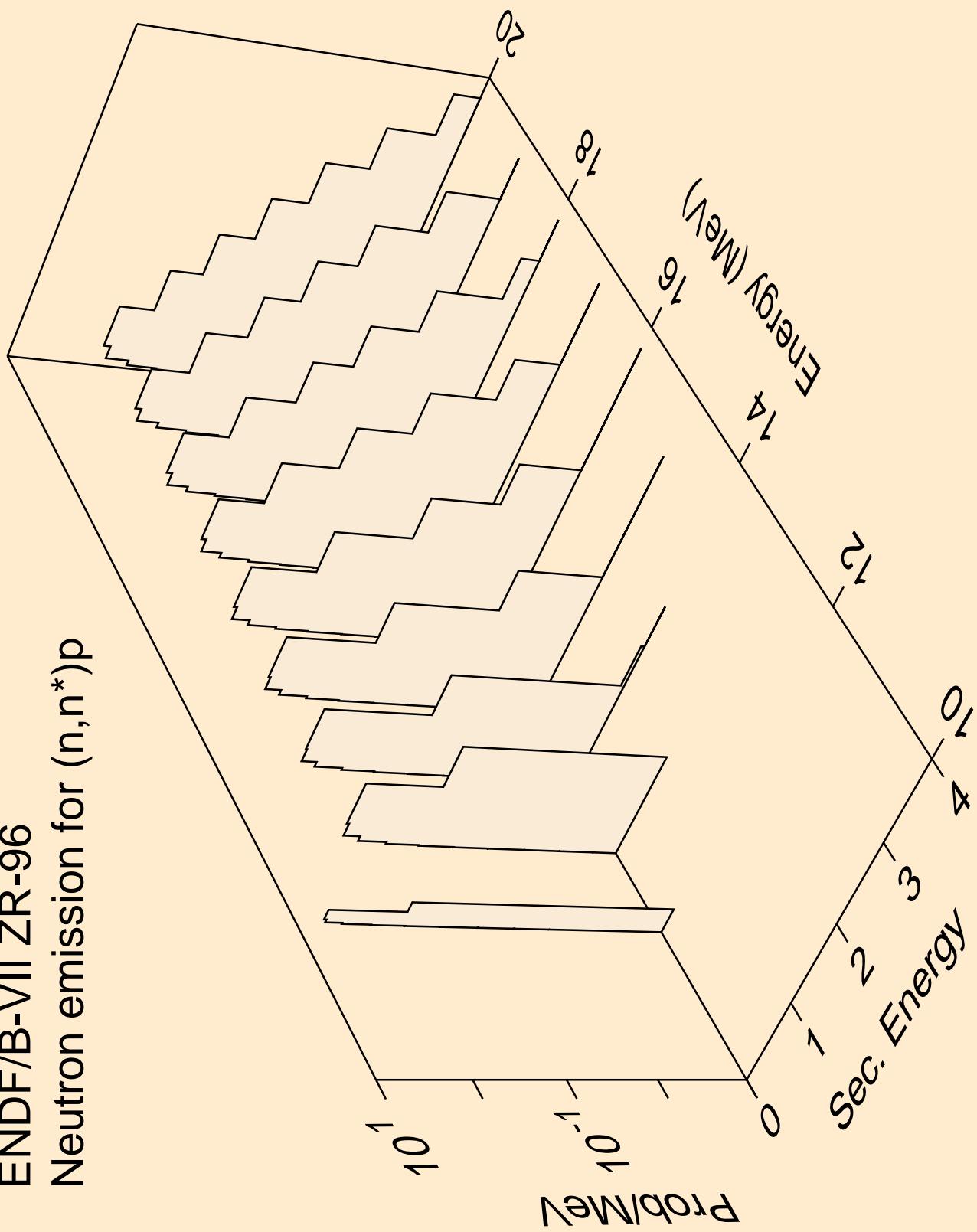
ENDF/B-VII ZR-96

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



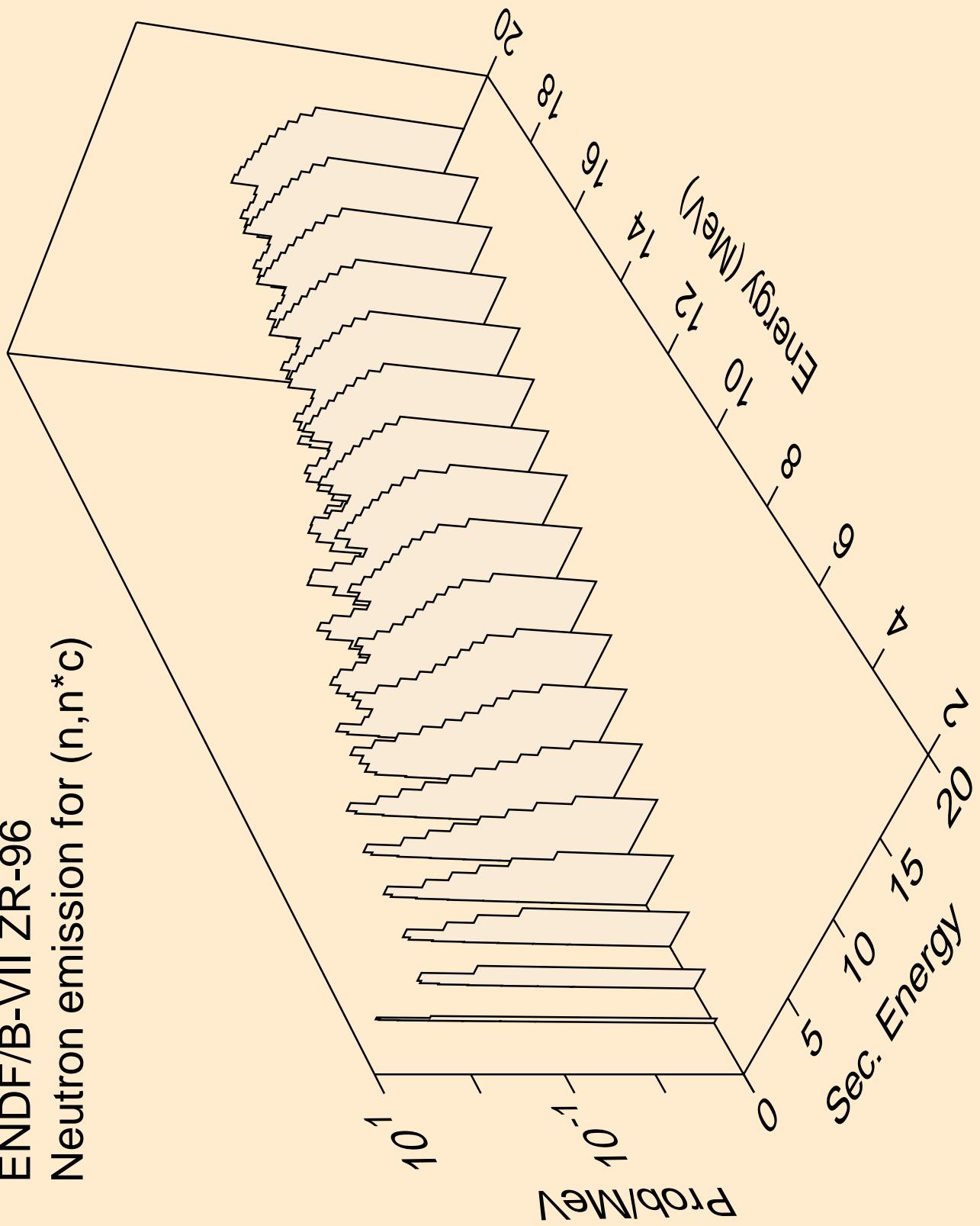
ENDF/B-VII ZR-96

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

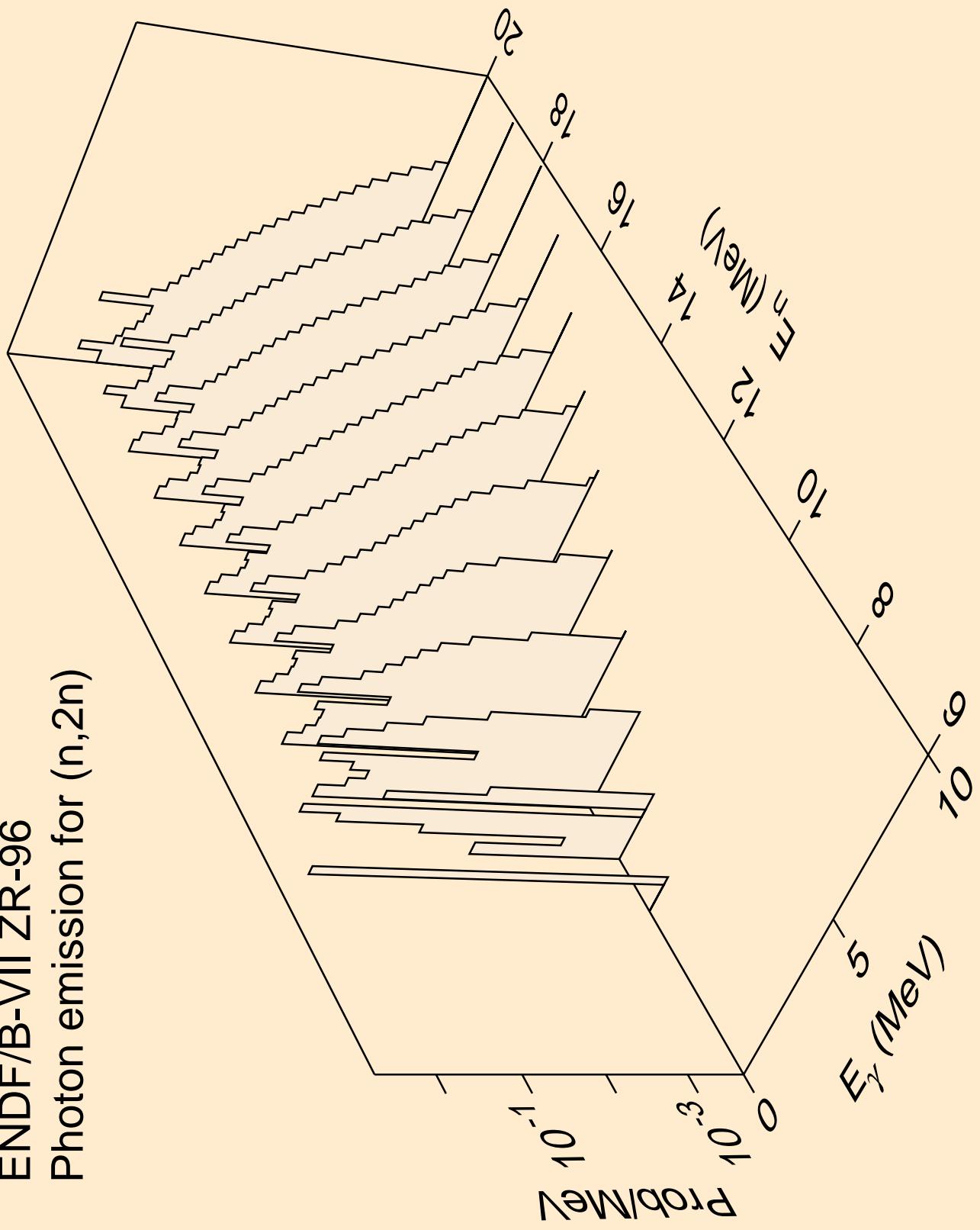


ENDF/B-VII ZR-96

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

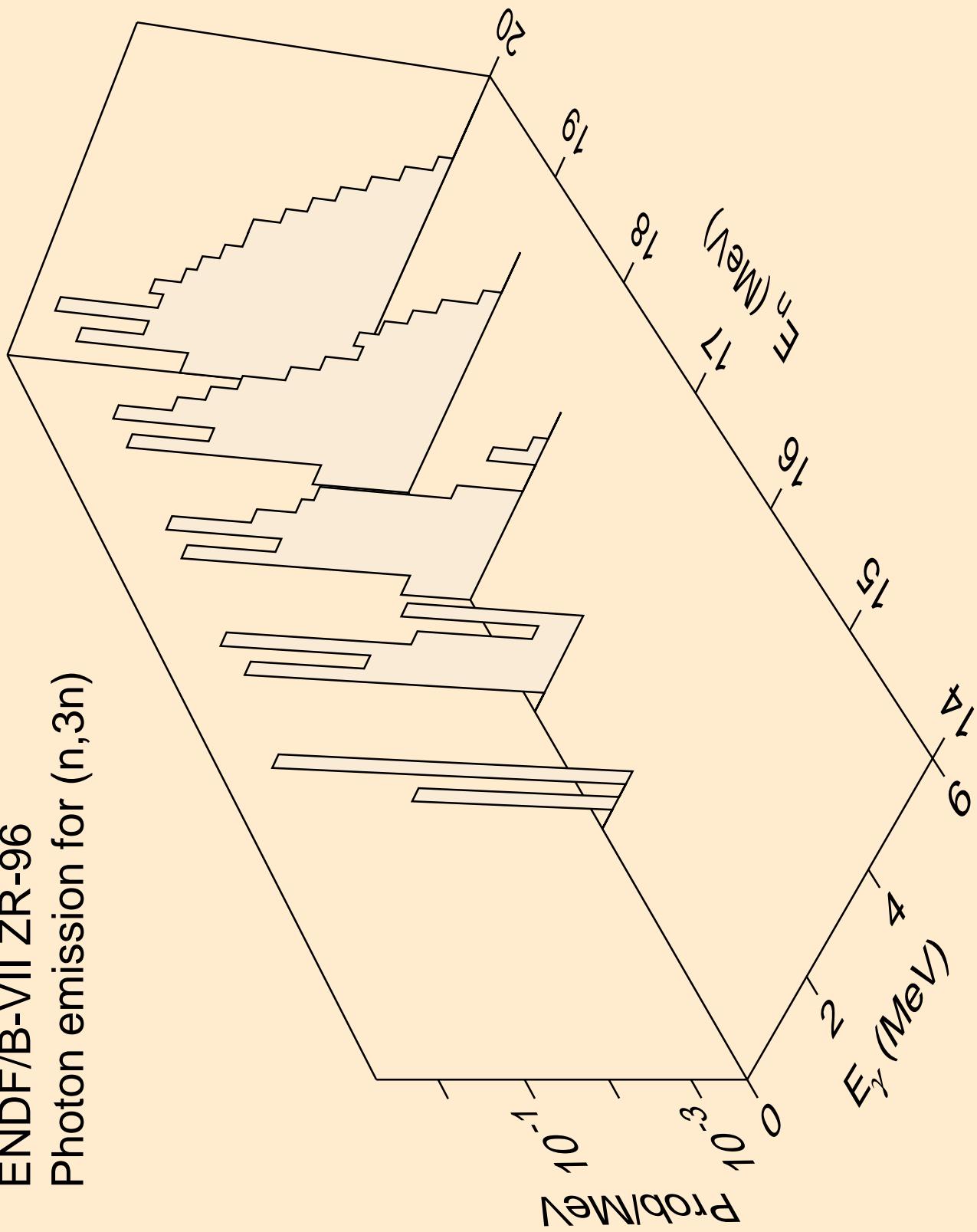


ENDF/B-VII ZR-96
Photon emission for $(n,2n)$



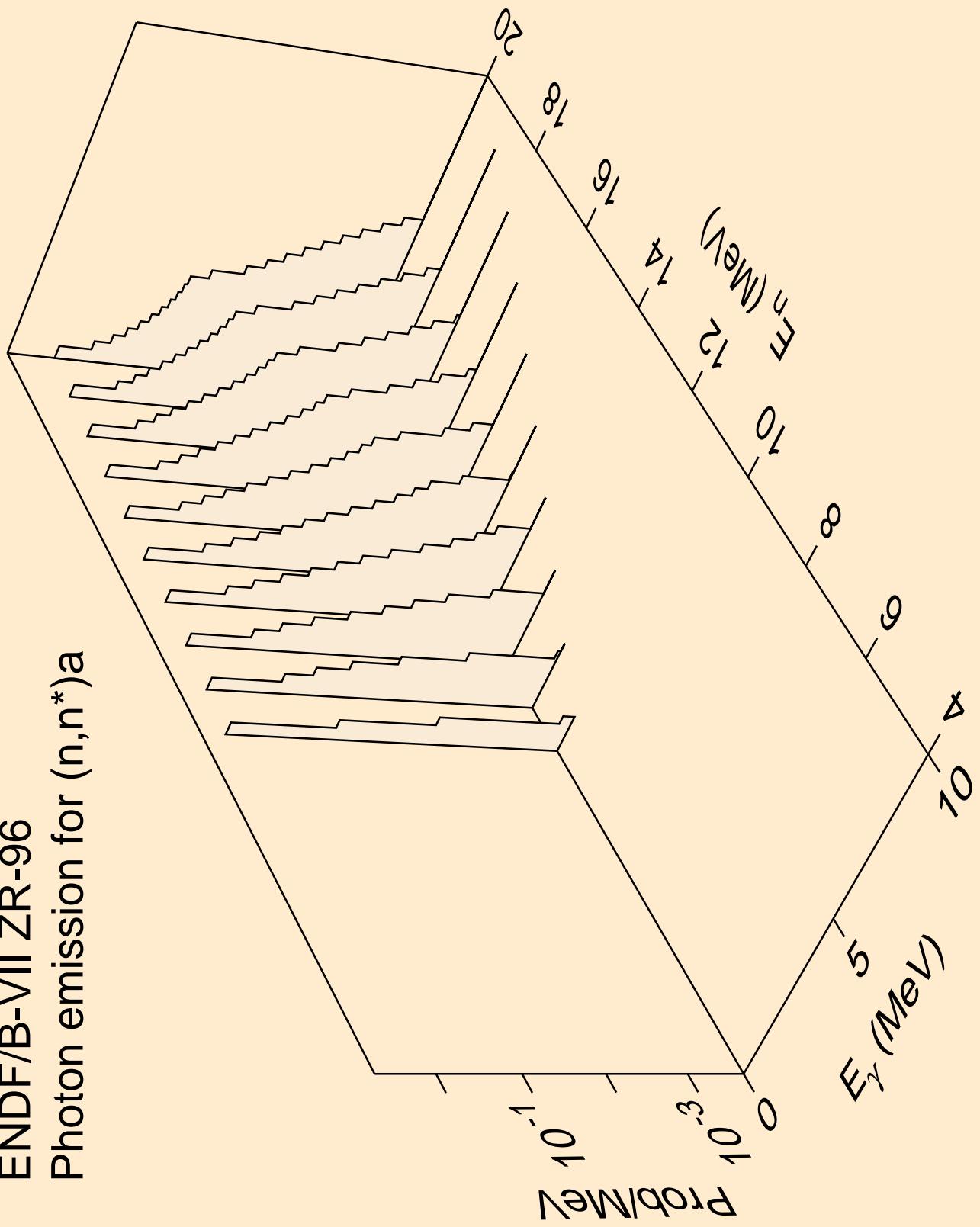
ENDF/B-VII ZR-96

Photon emission for ($n, 3n$)

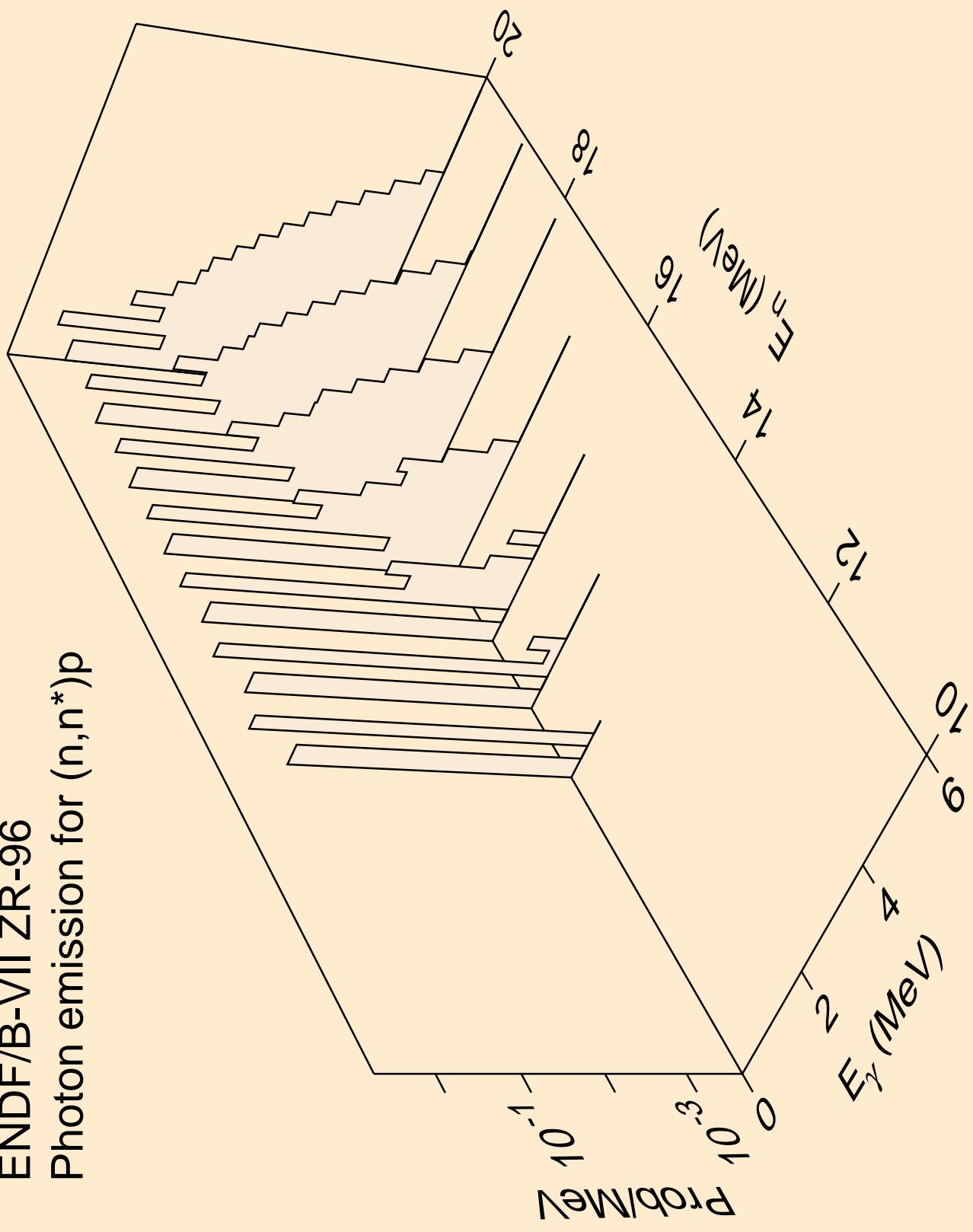


ENDF/B-VII ZR-96

Photon emission for $(n, n^*)\alpha$

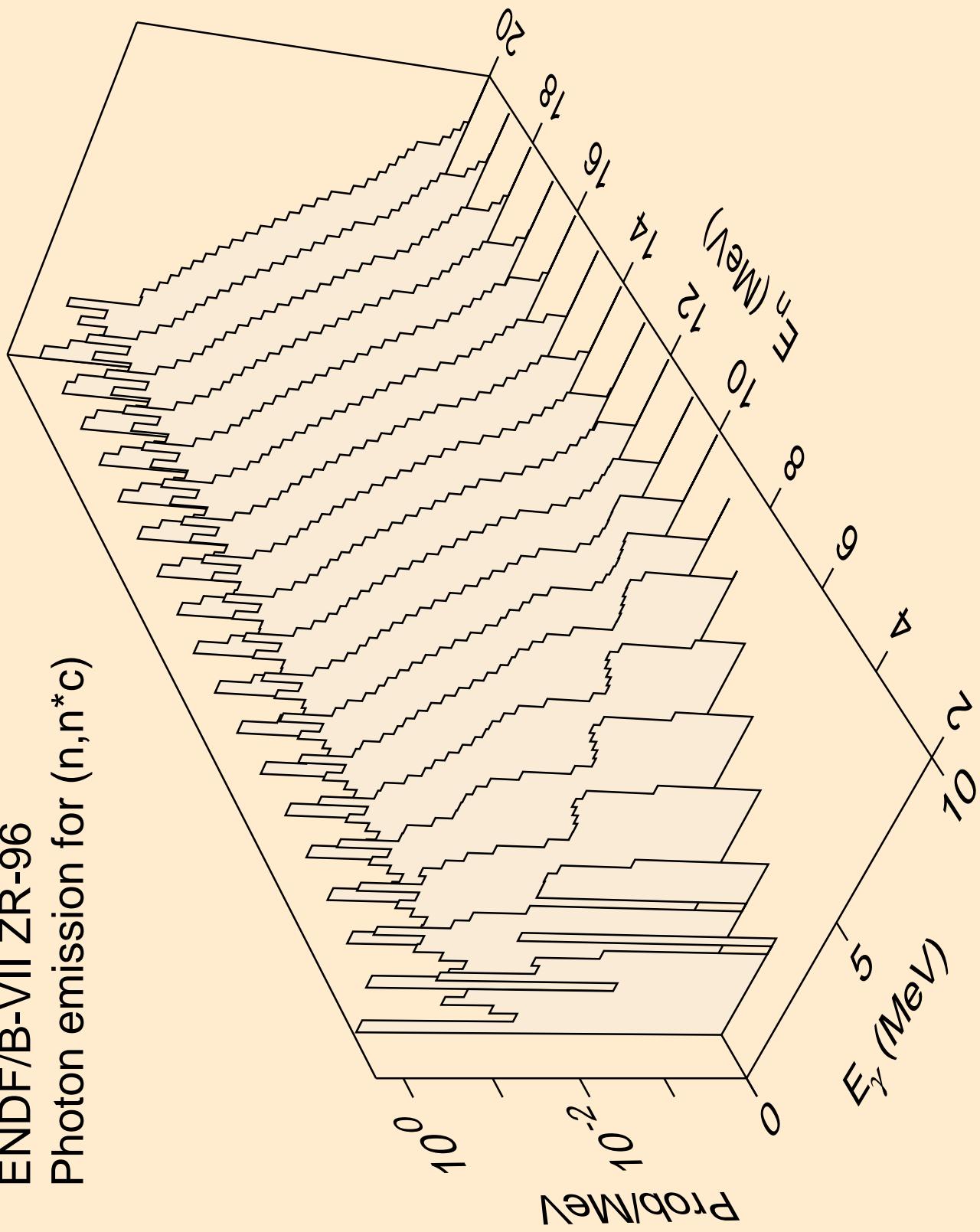


ENDF/B-VII ZR-96
Photon emission for $(n, n^*)p$



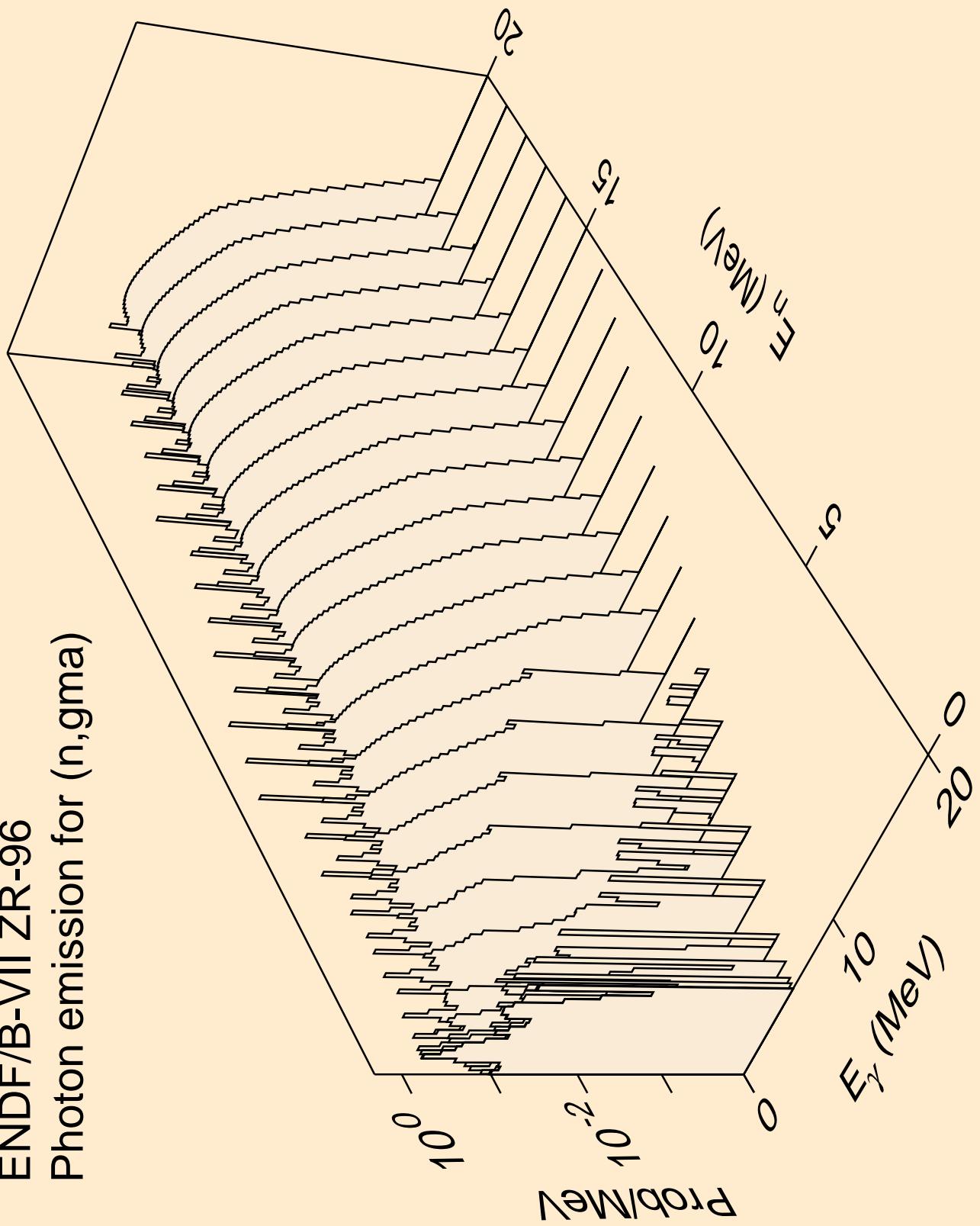
ENDF/B-VII ZR-96

Photon emission for (n, n^*c)

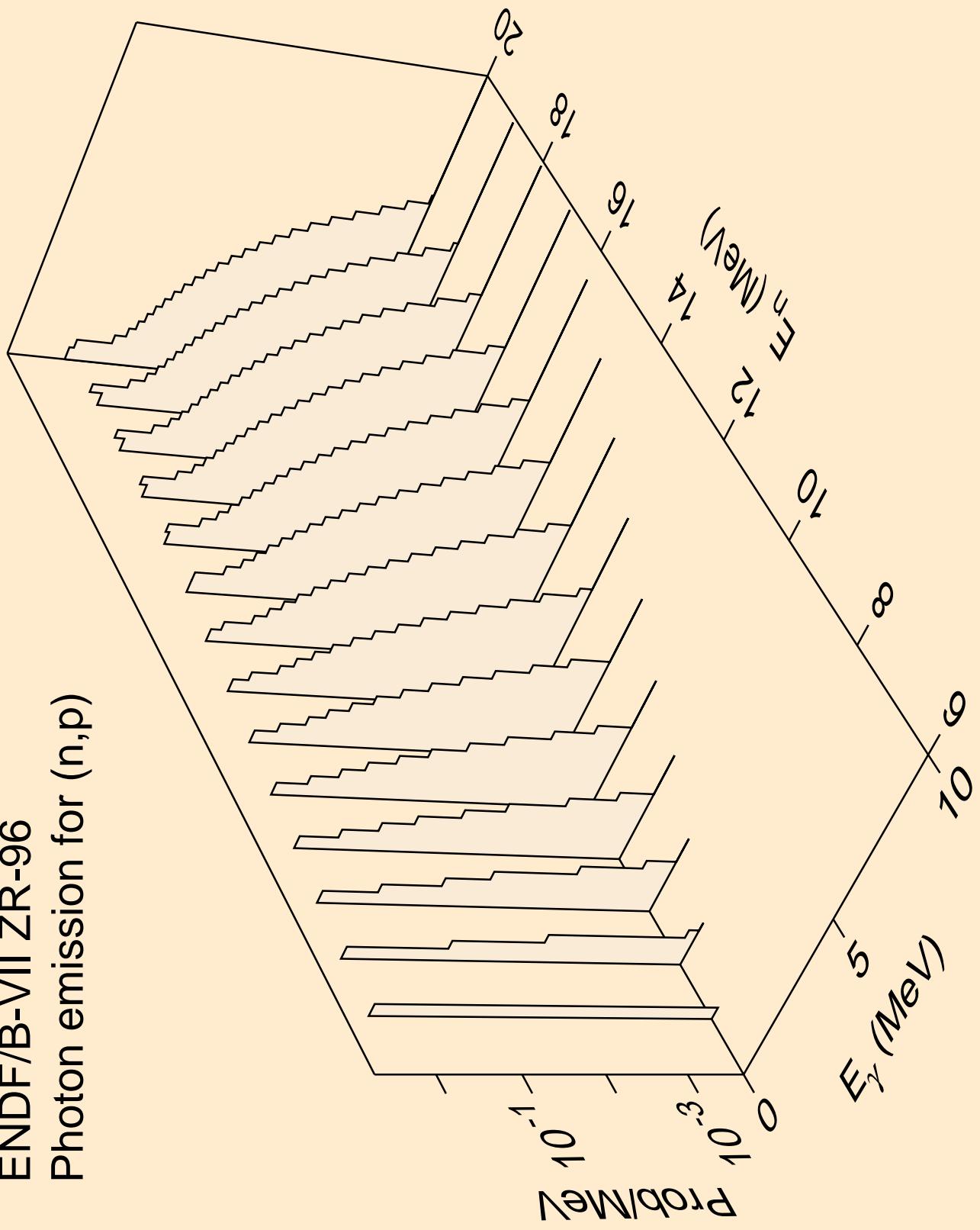


ENDF/B-VII ZR-96

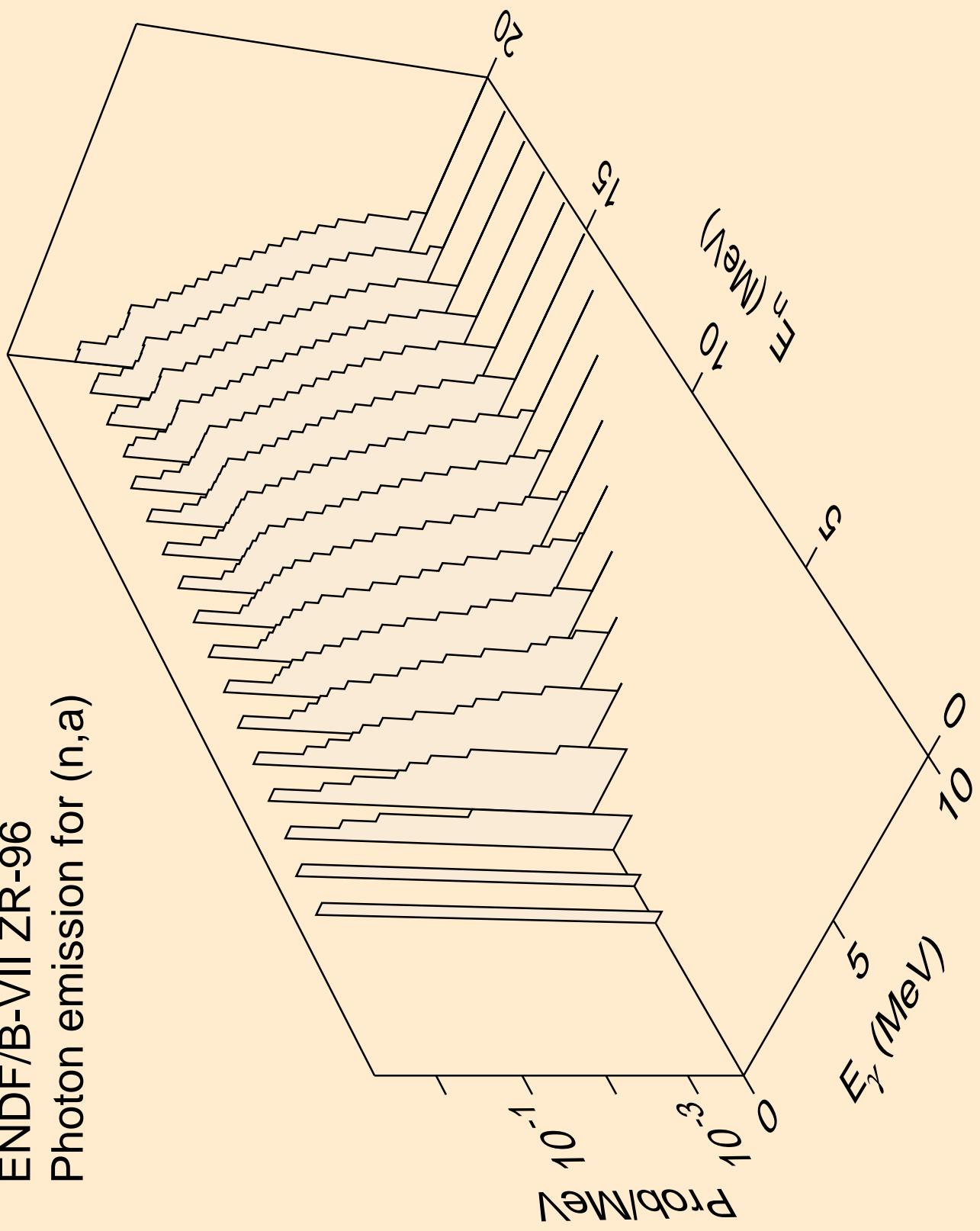
Photon emission for (n, γ)



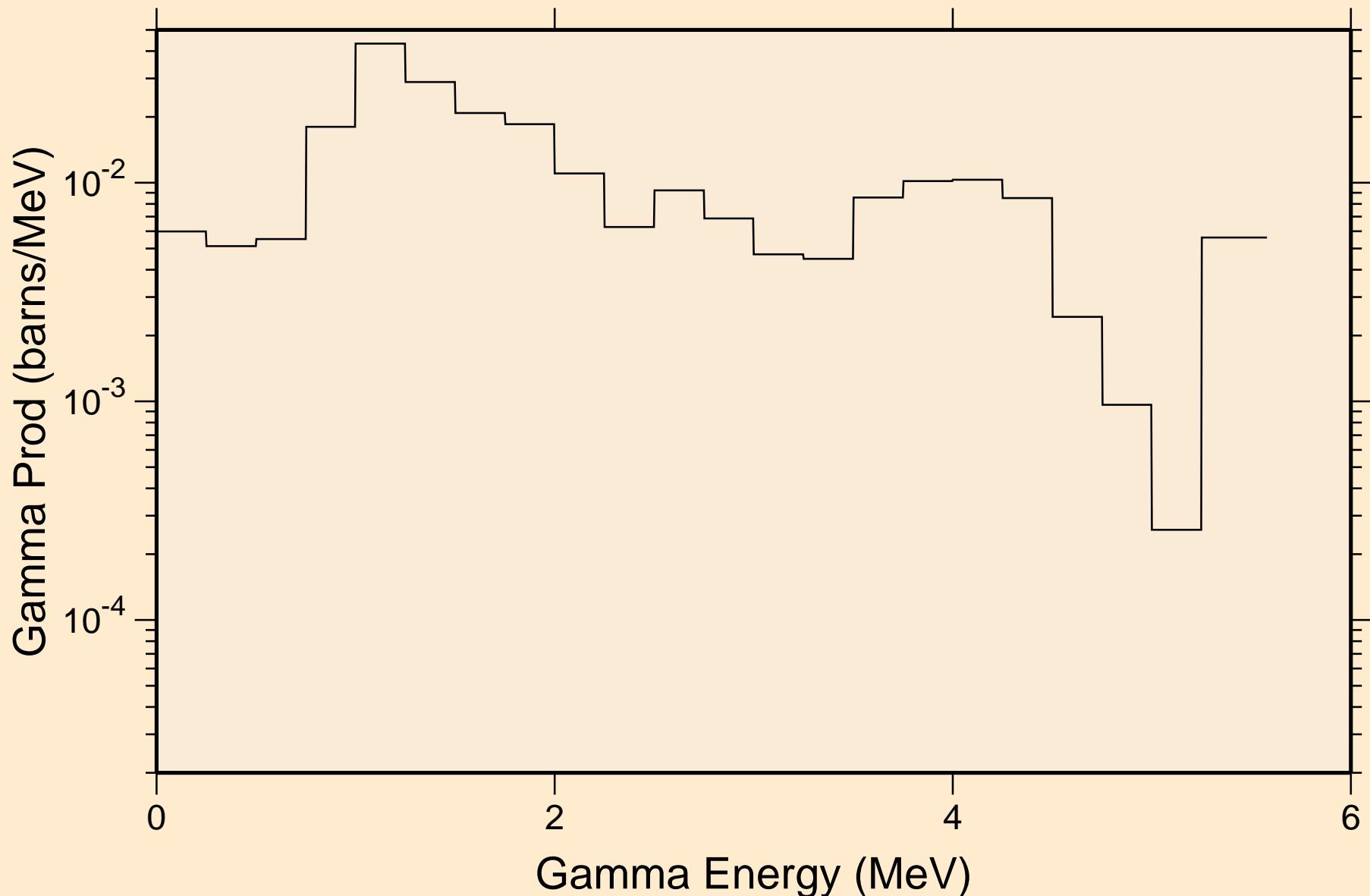
ENDF/B-VII ZR-96
Photon emission for (n,p)



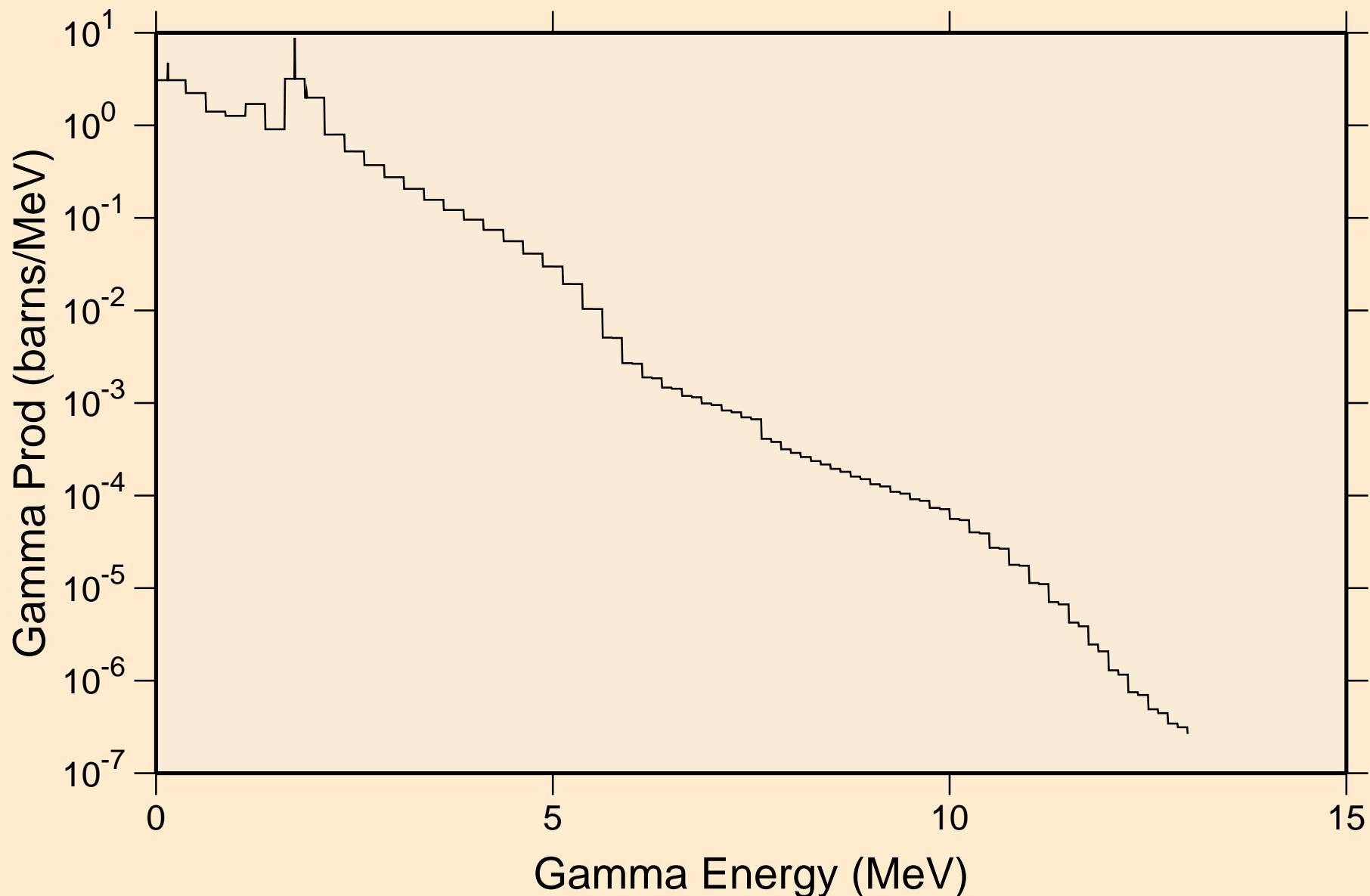
ENDF/B-VII ZR-96
Photon emission for (n, α)



ENDF/B-VII ZR-96
thermal capture photon spectrum

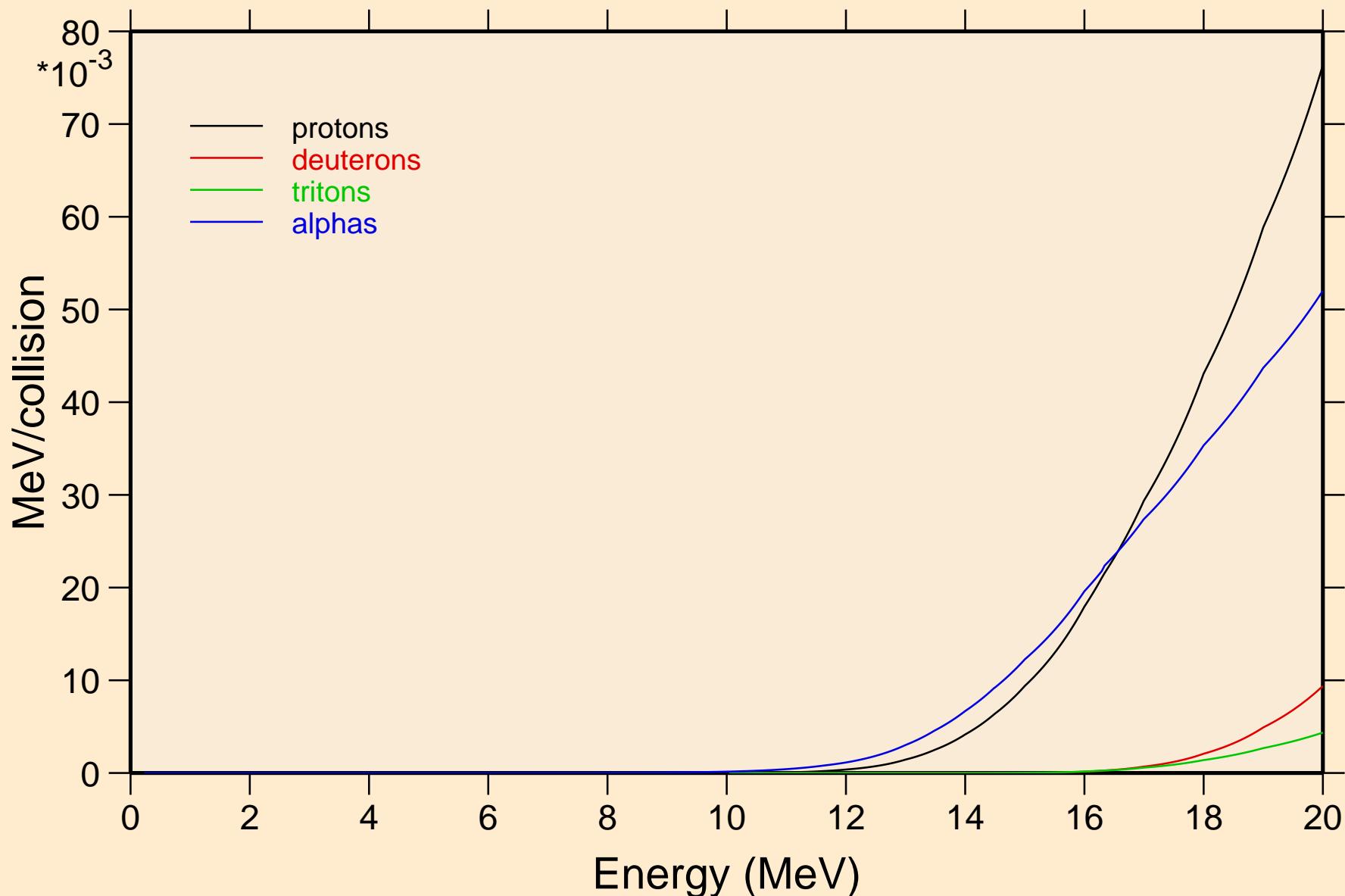


ENDF/B-VII ZR-96
14 MeV photon spectrum

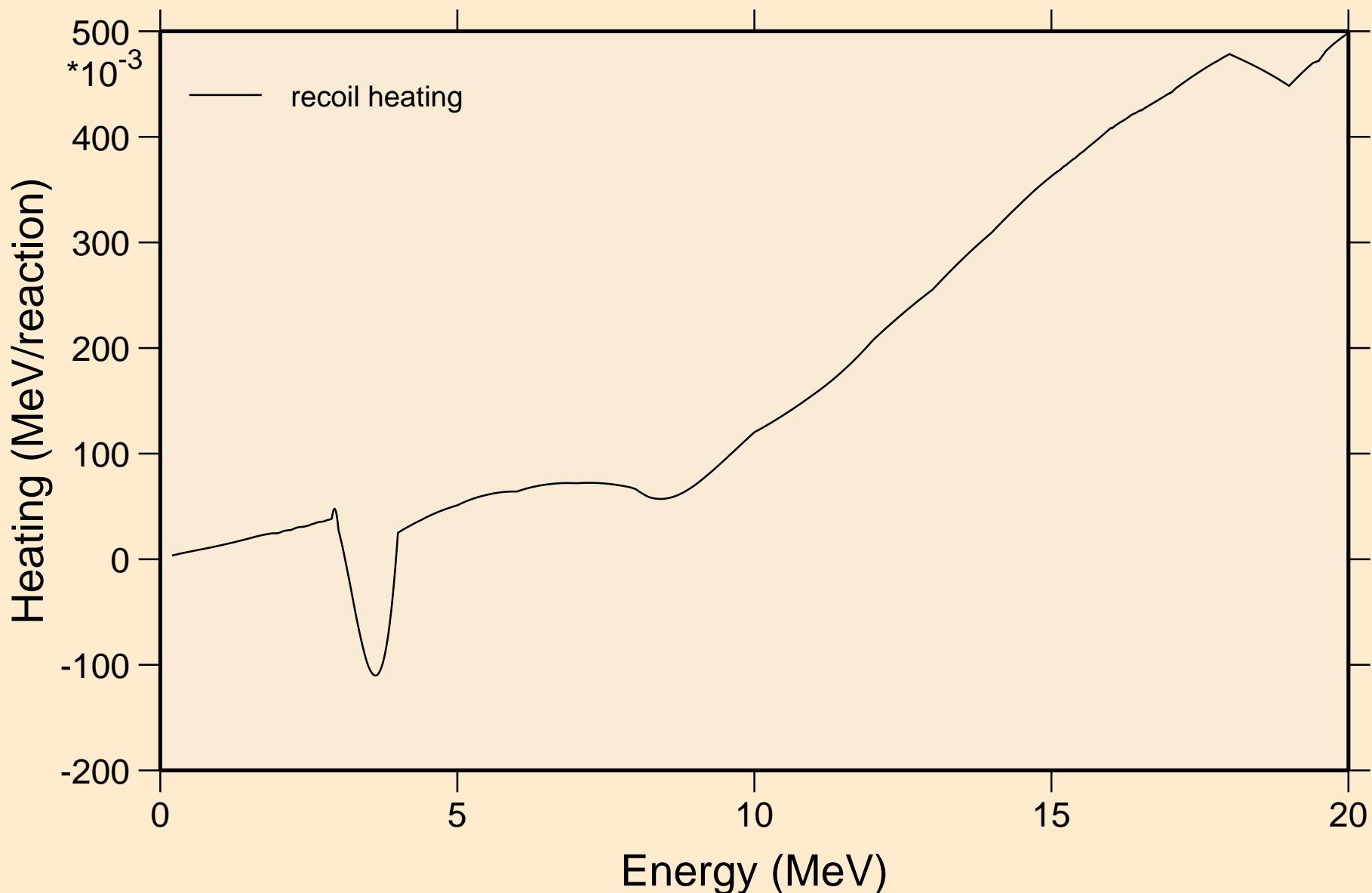


ENDF/B-VII ZR-96

Particle heating contributions

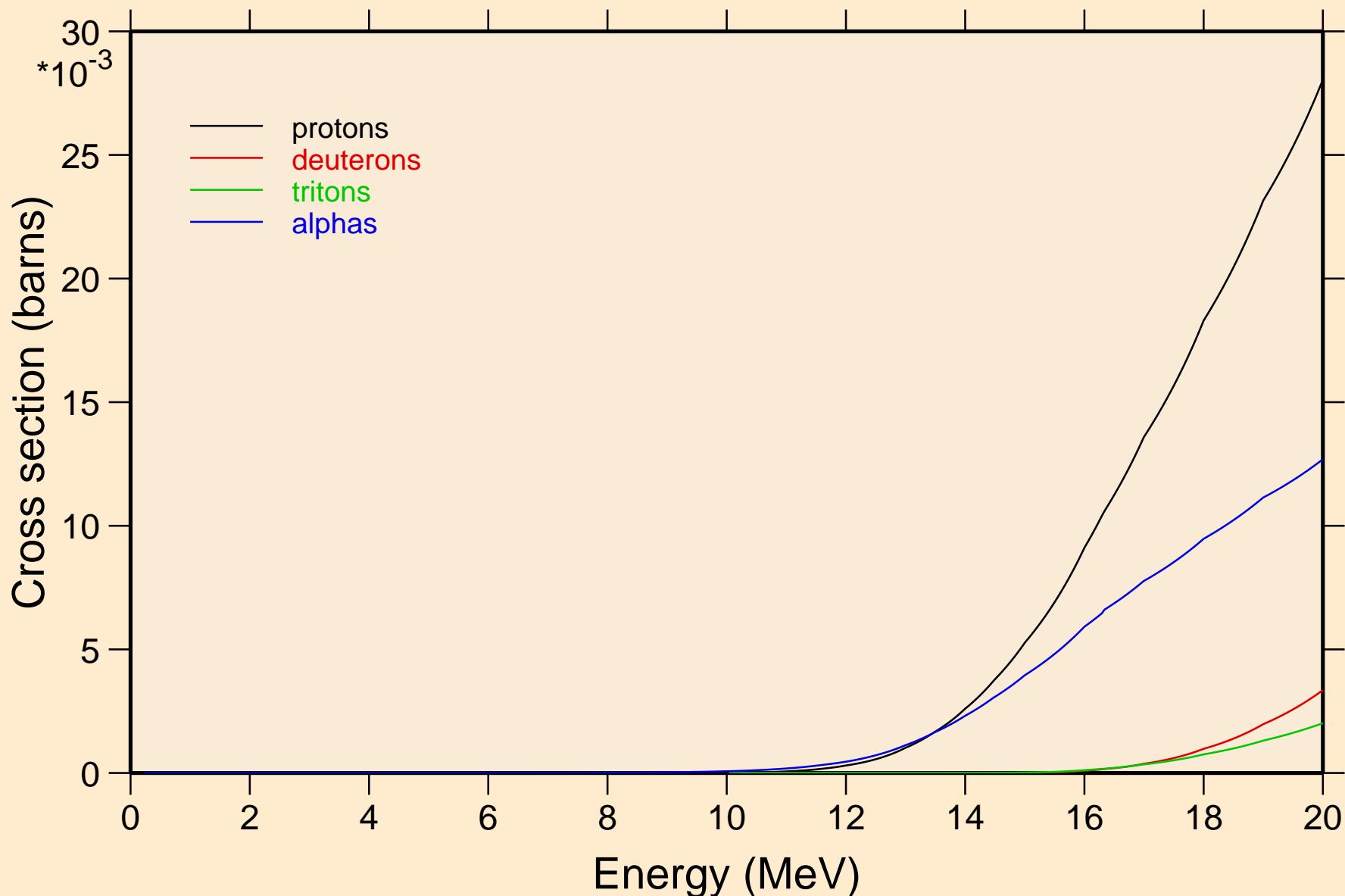


ENDF/B-VII ZR-96
Recoil Heating

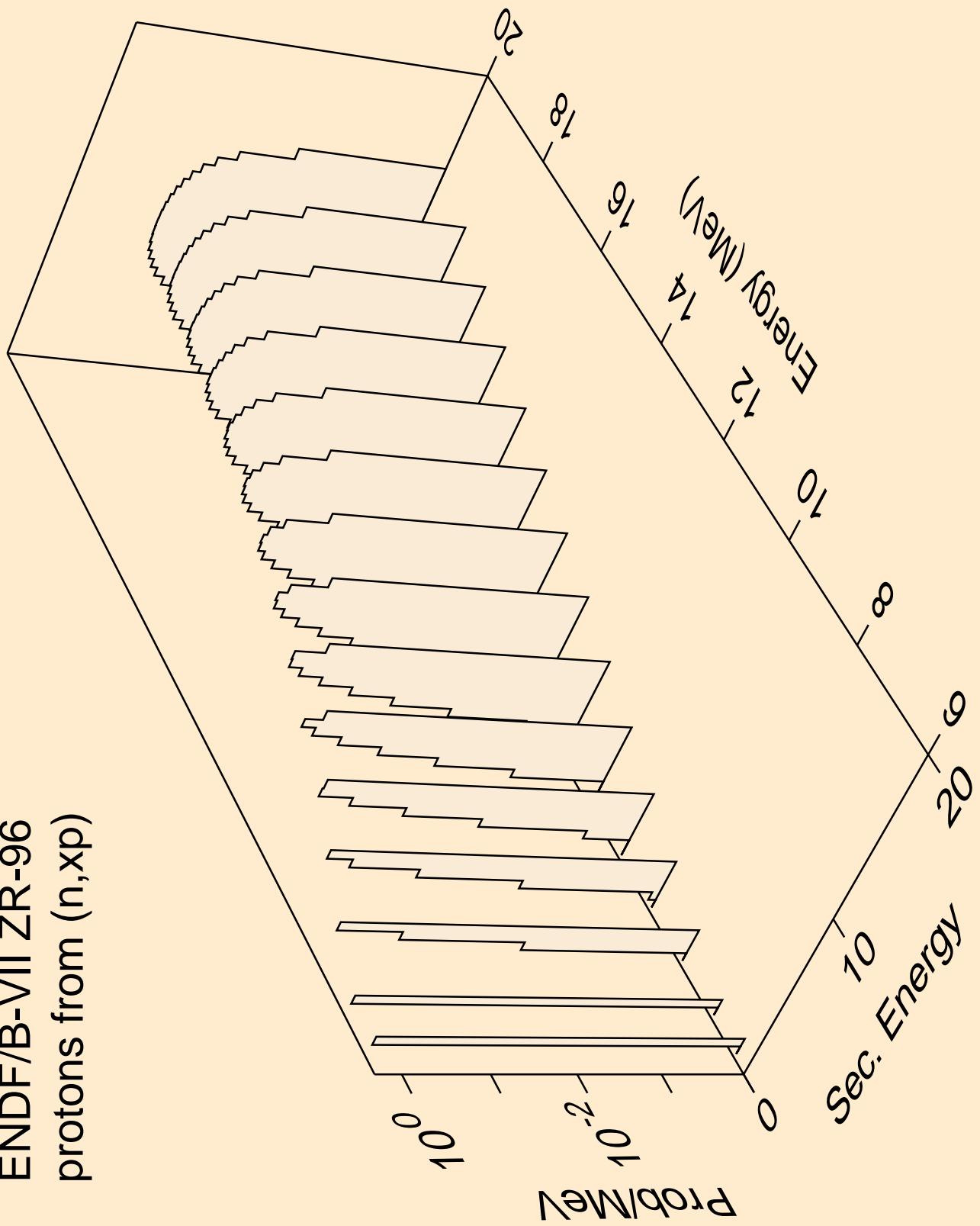


ENDF/B-VII ZR-96

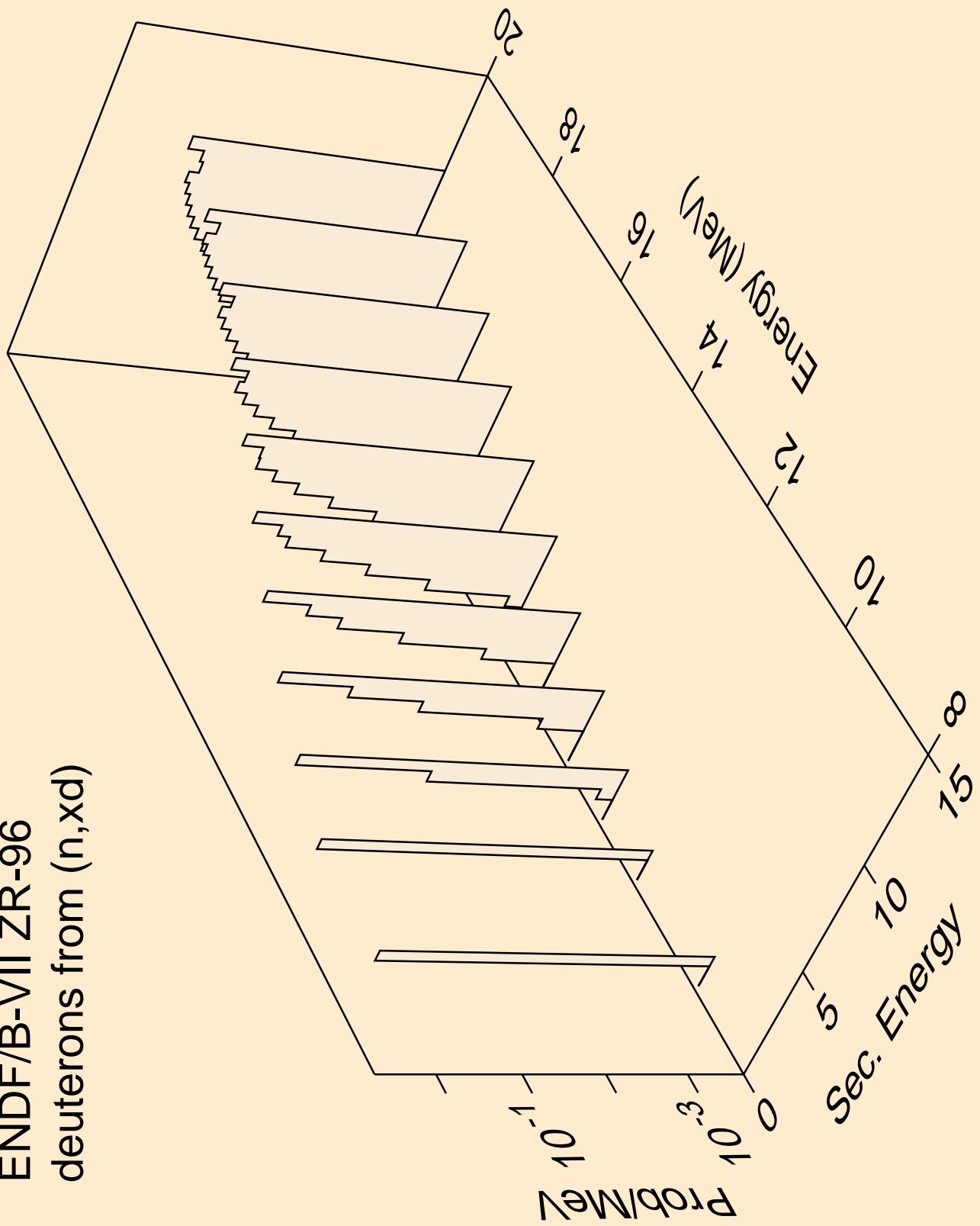
Particle production cross sections



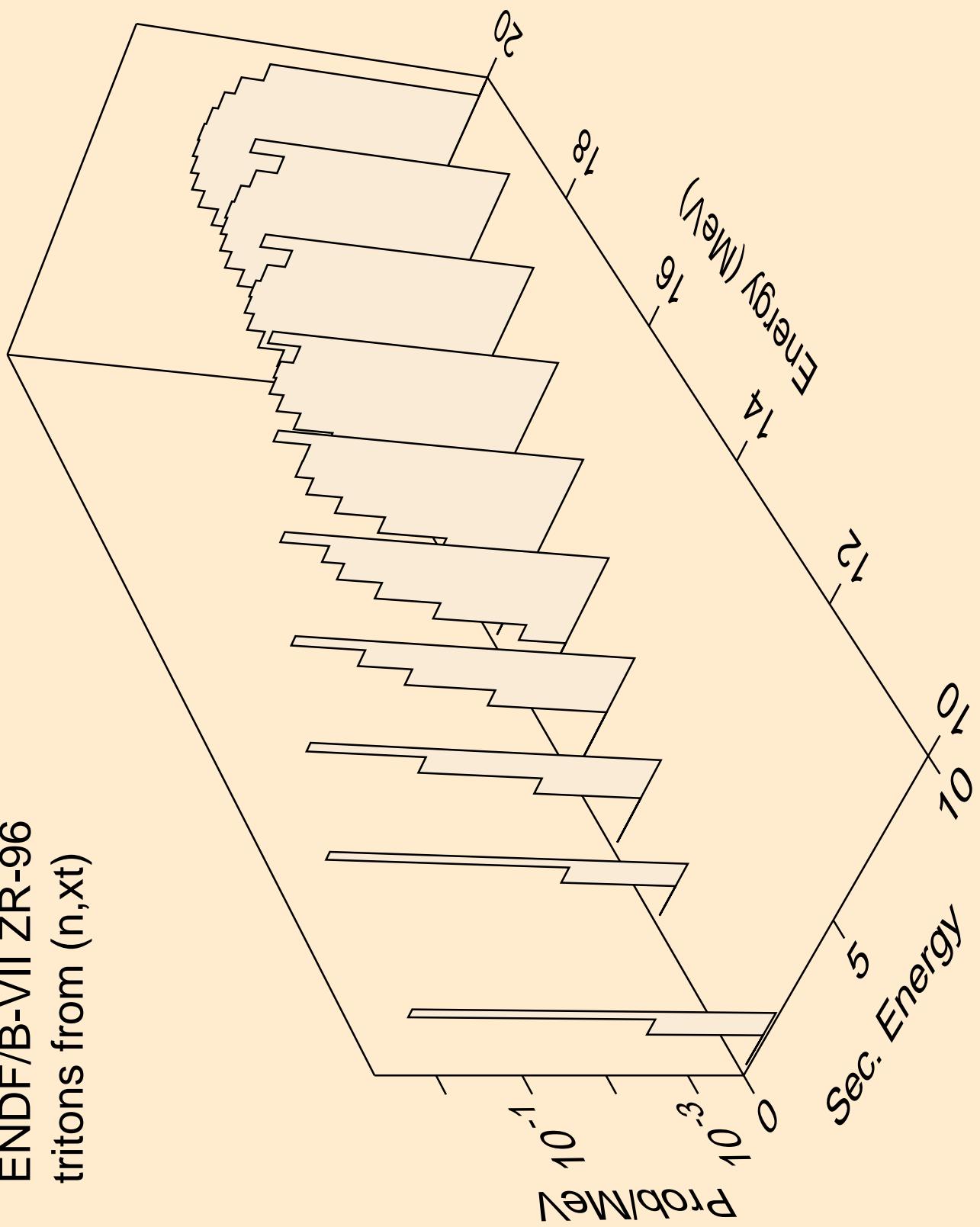
ENDF/B-VII ZR-96
protons from (n, xp)



ENDF/B-VII ZR-96
deuterons from (n, α)



ENDF/B-VII ZR-96
tritons from (n,xt)



ENDF/B-VII ZR-96
alphas from (n, α)

