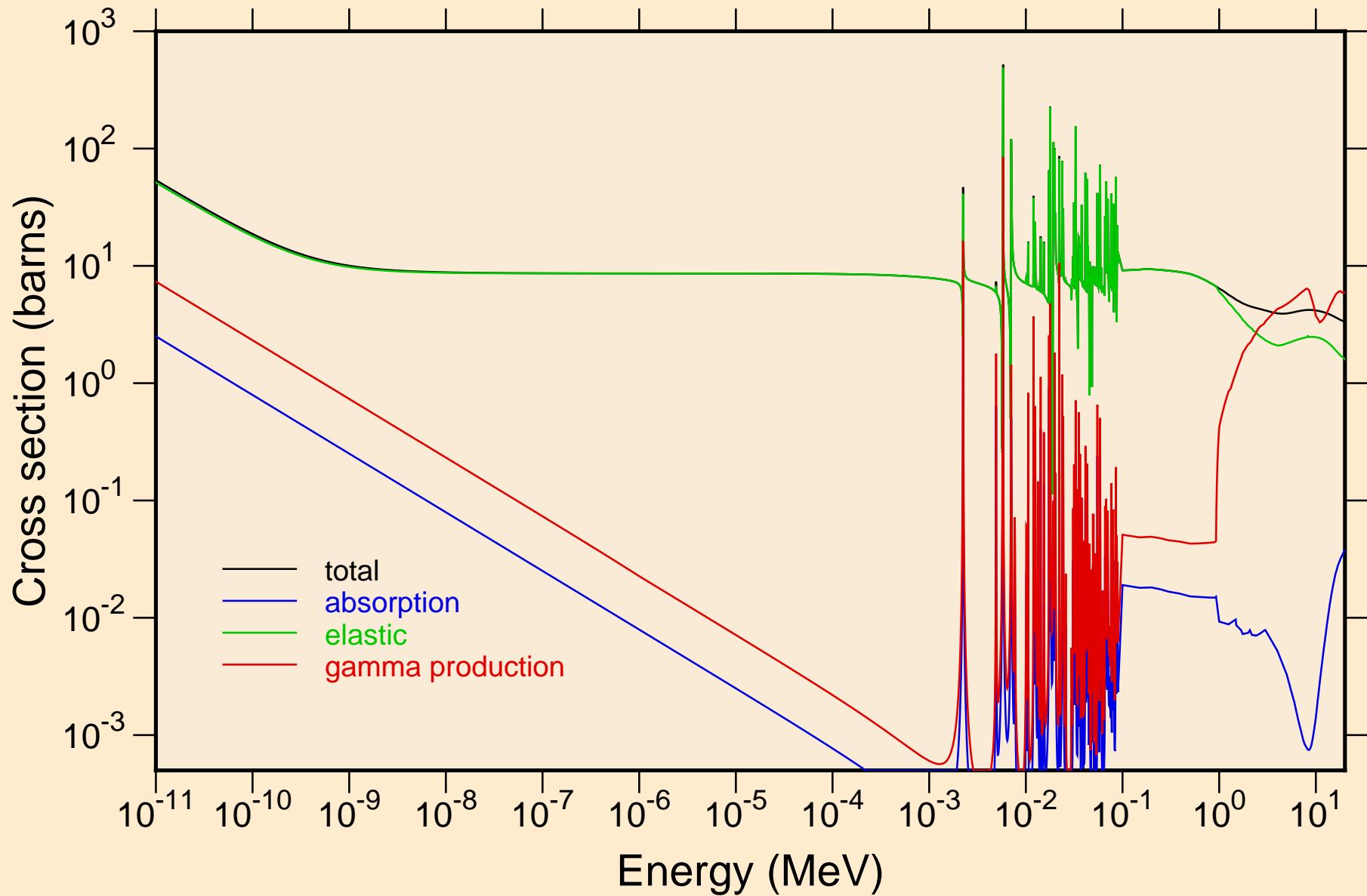
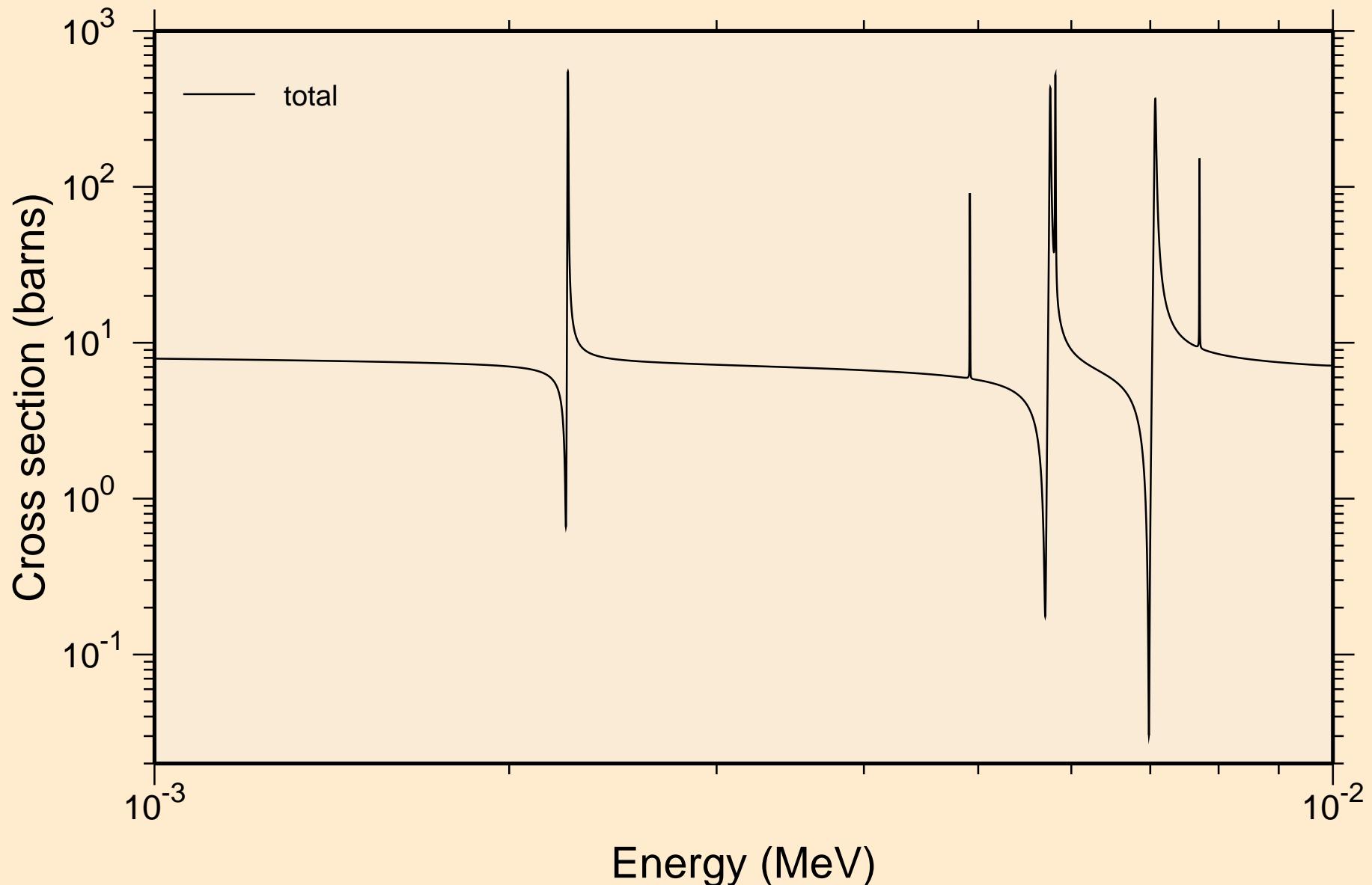


ENDF/B-VII ZR-94

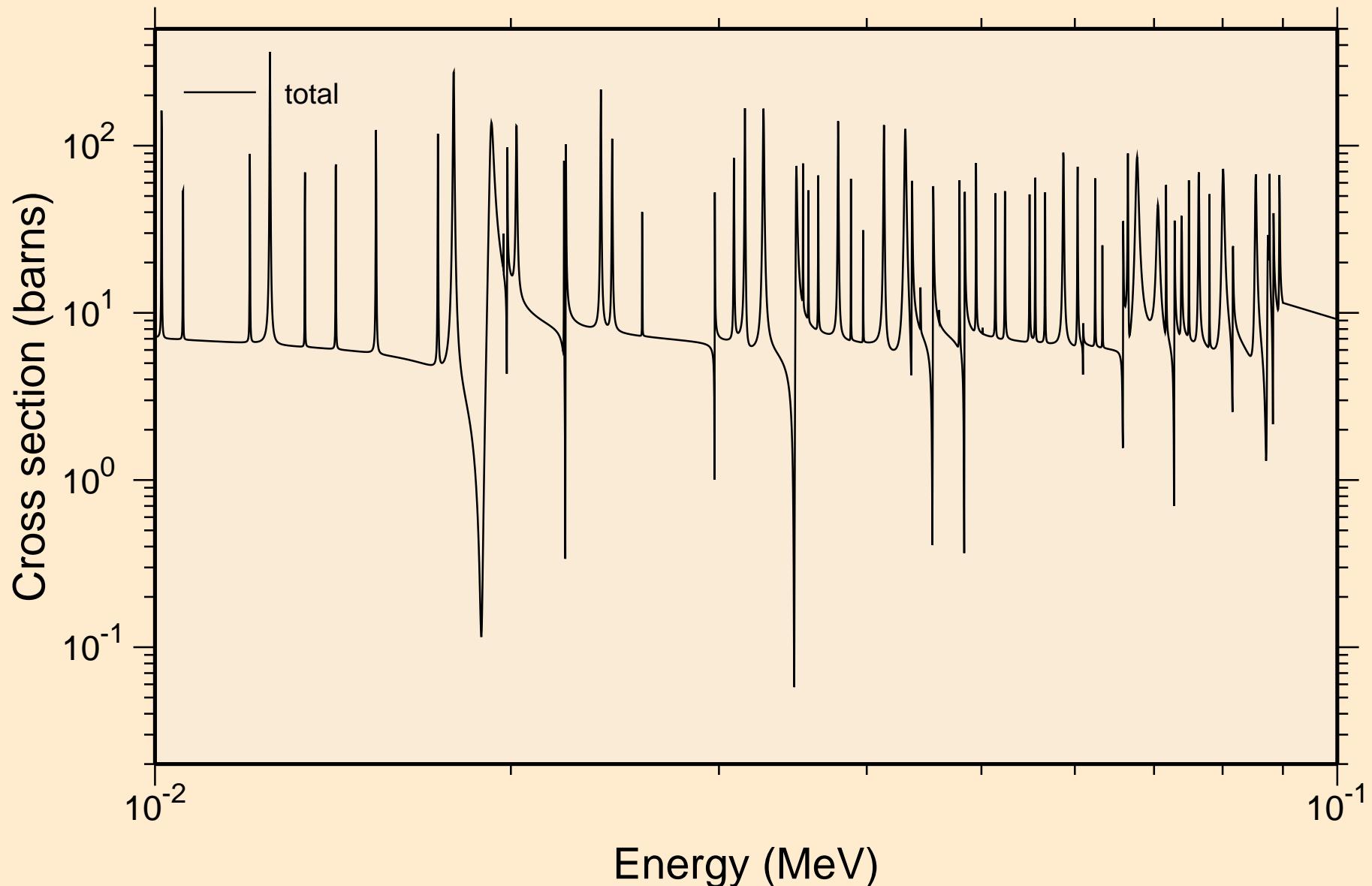
Principal cross sections



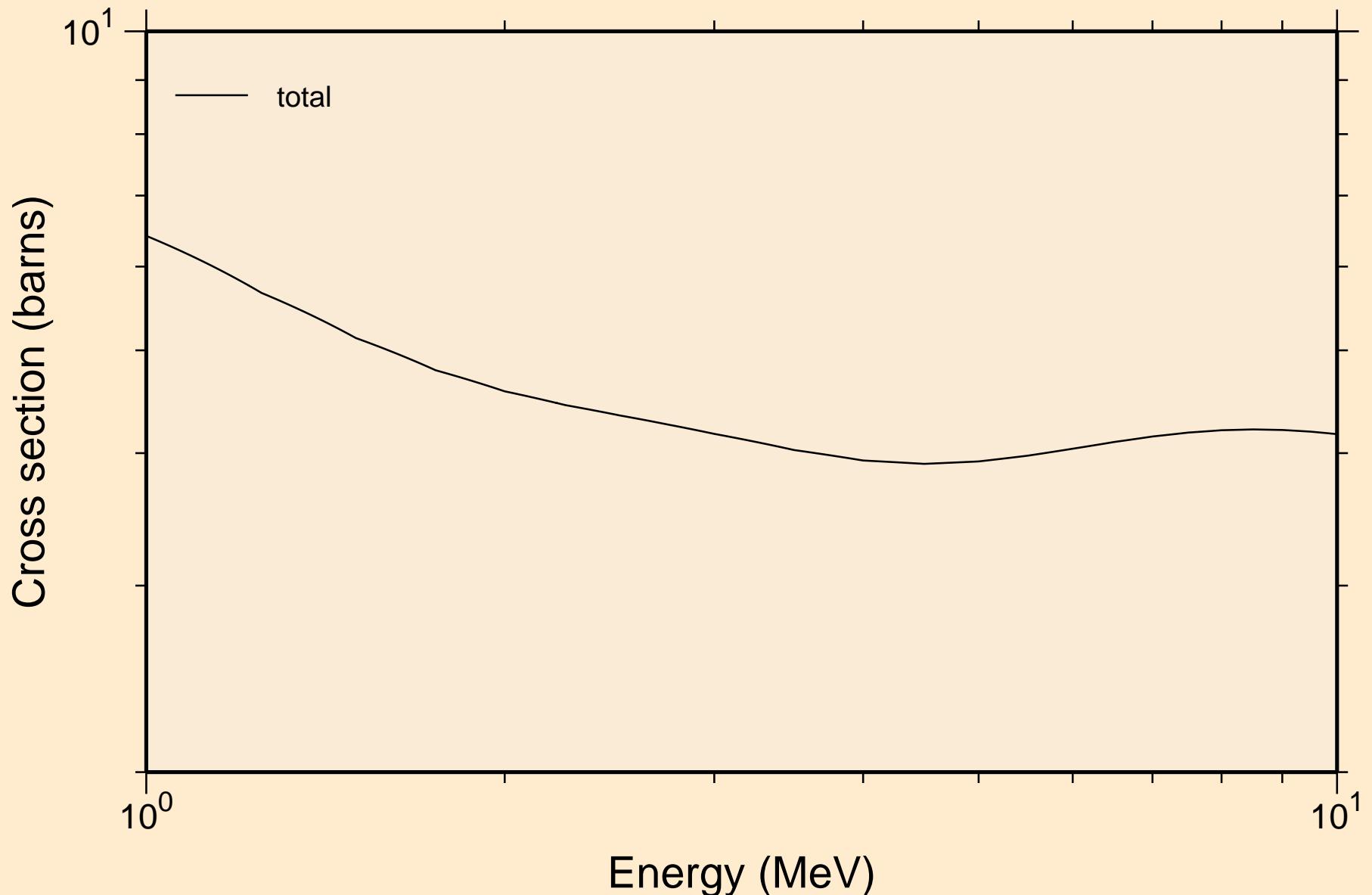
ENDF/B-VII ZR-94
resonance total cross section



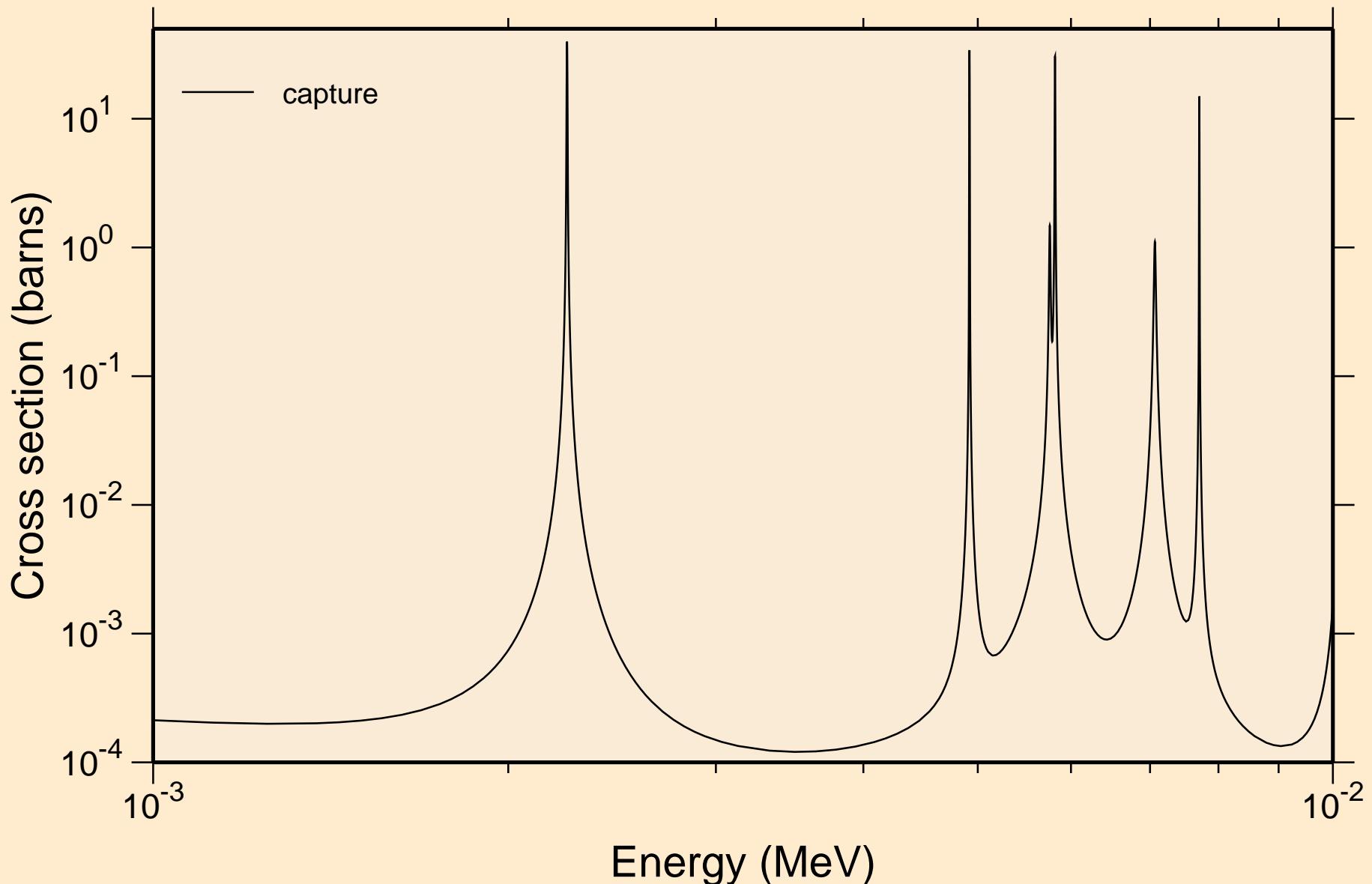
ENDF/B-VII ZR-94
resonance total cross section



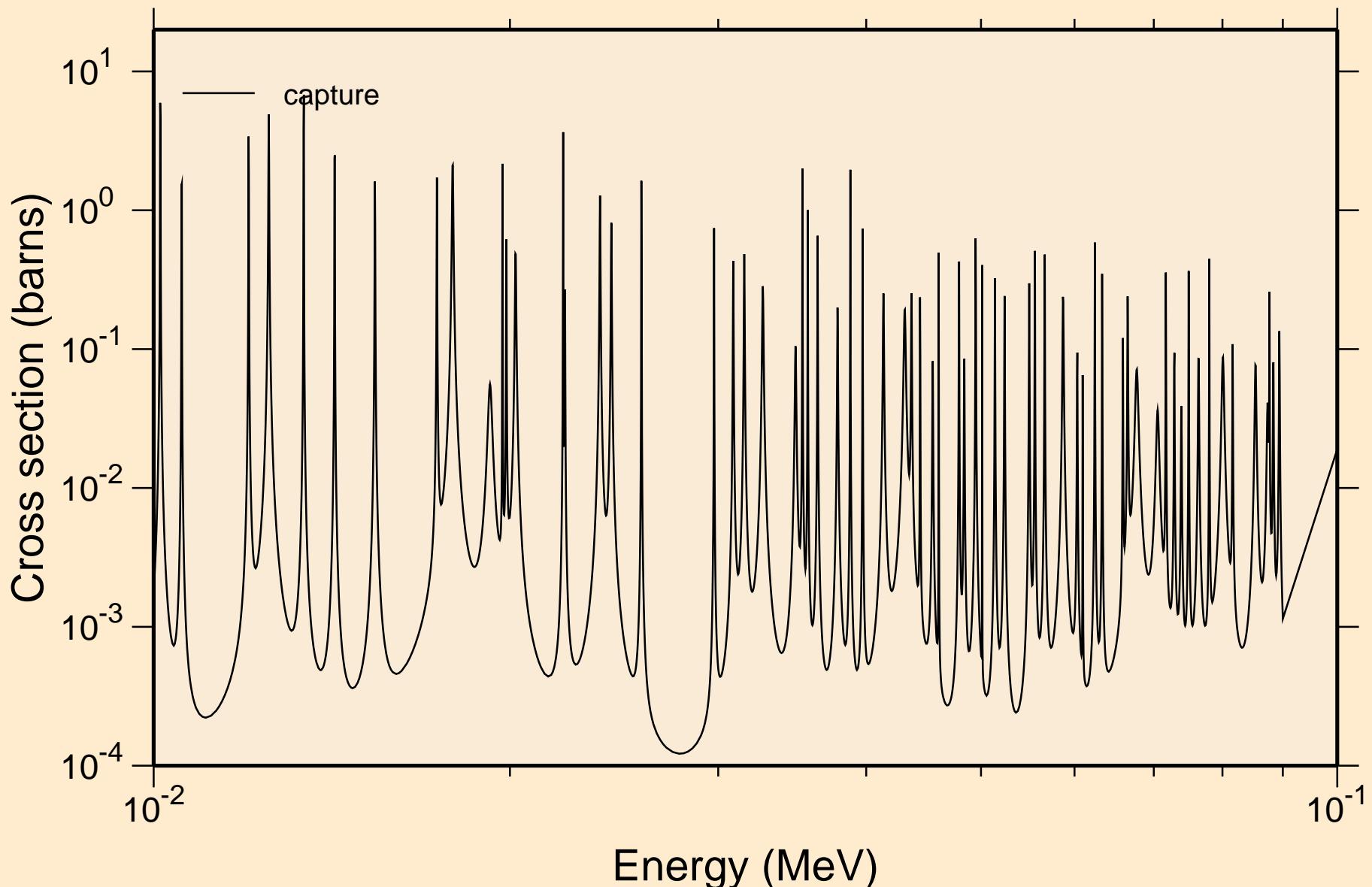
ENDF/B-VII ZR-94
resonance total cross section



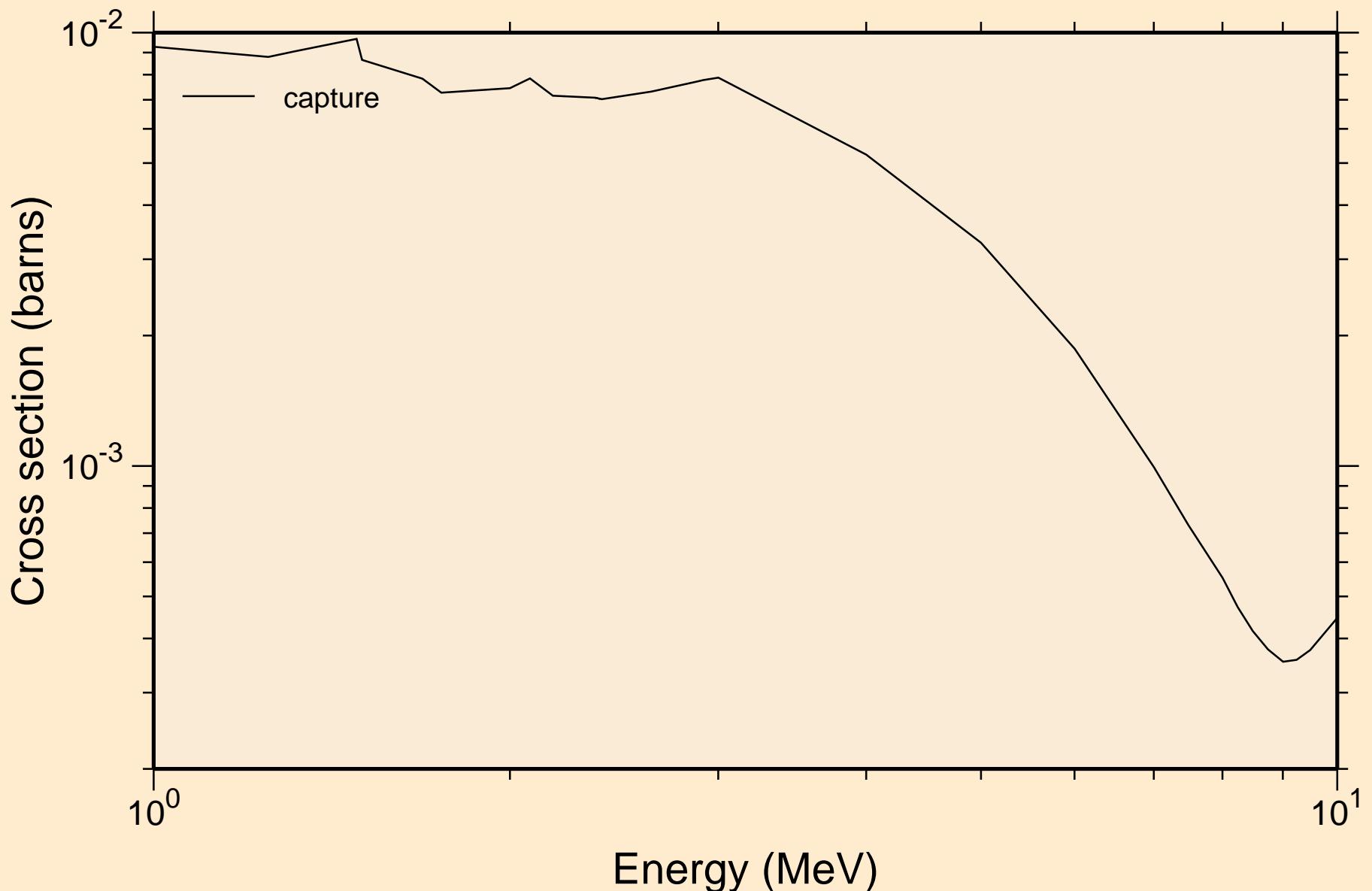
ENDF/B-VII ZR-94
resonance absorption cross sections



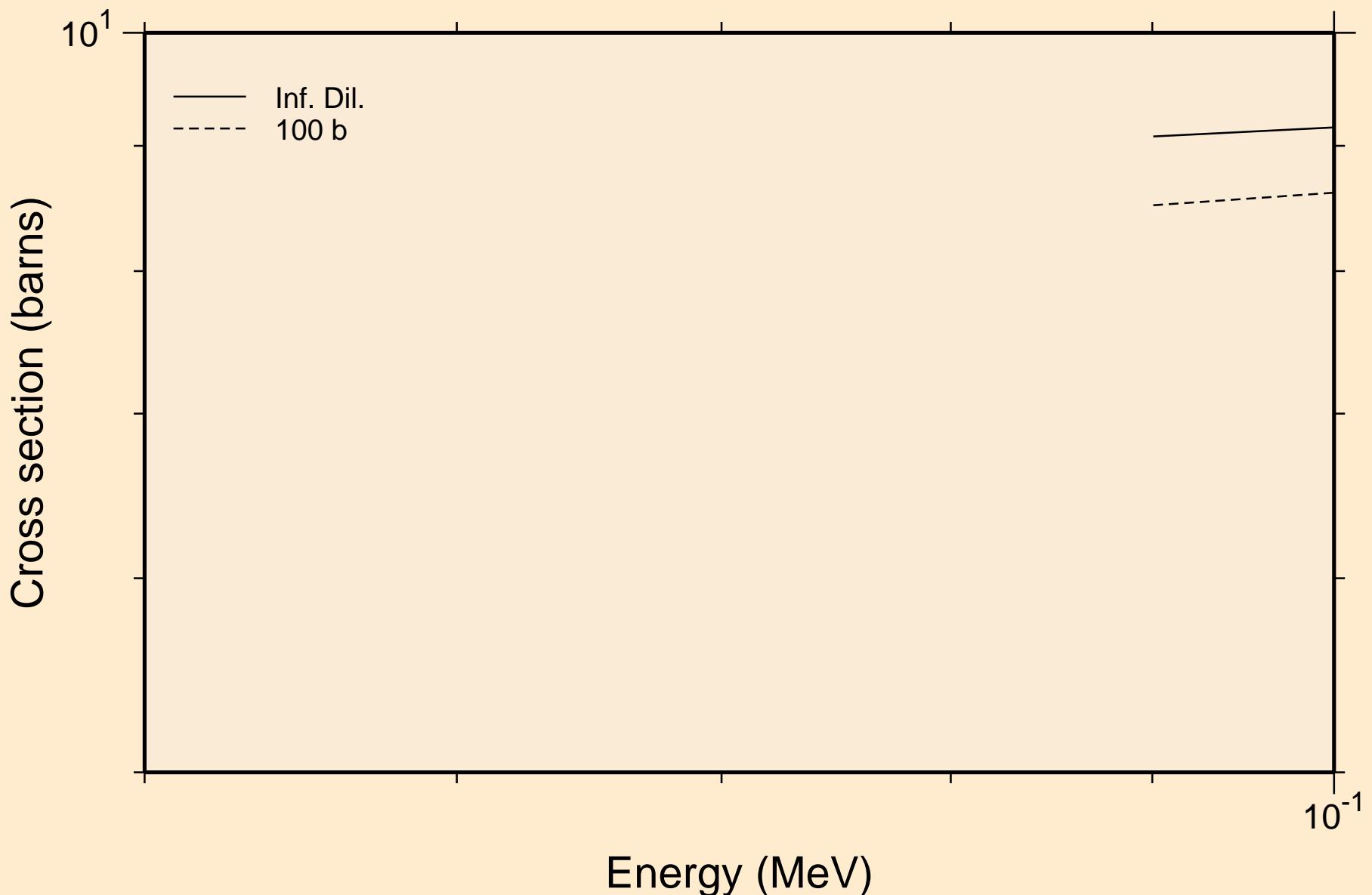
ENDF/B-VII ZR-94
resonance absorption cross sections



ENDF/B-VII ZR-94
resonance absorption cross sections

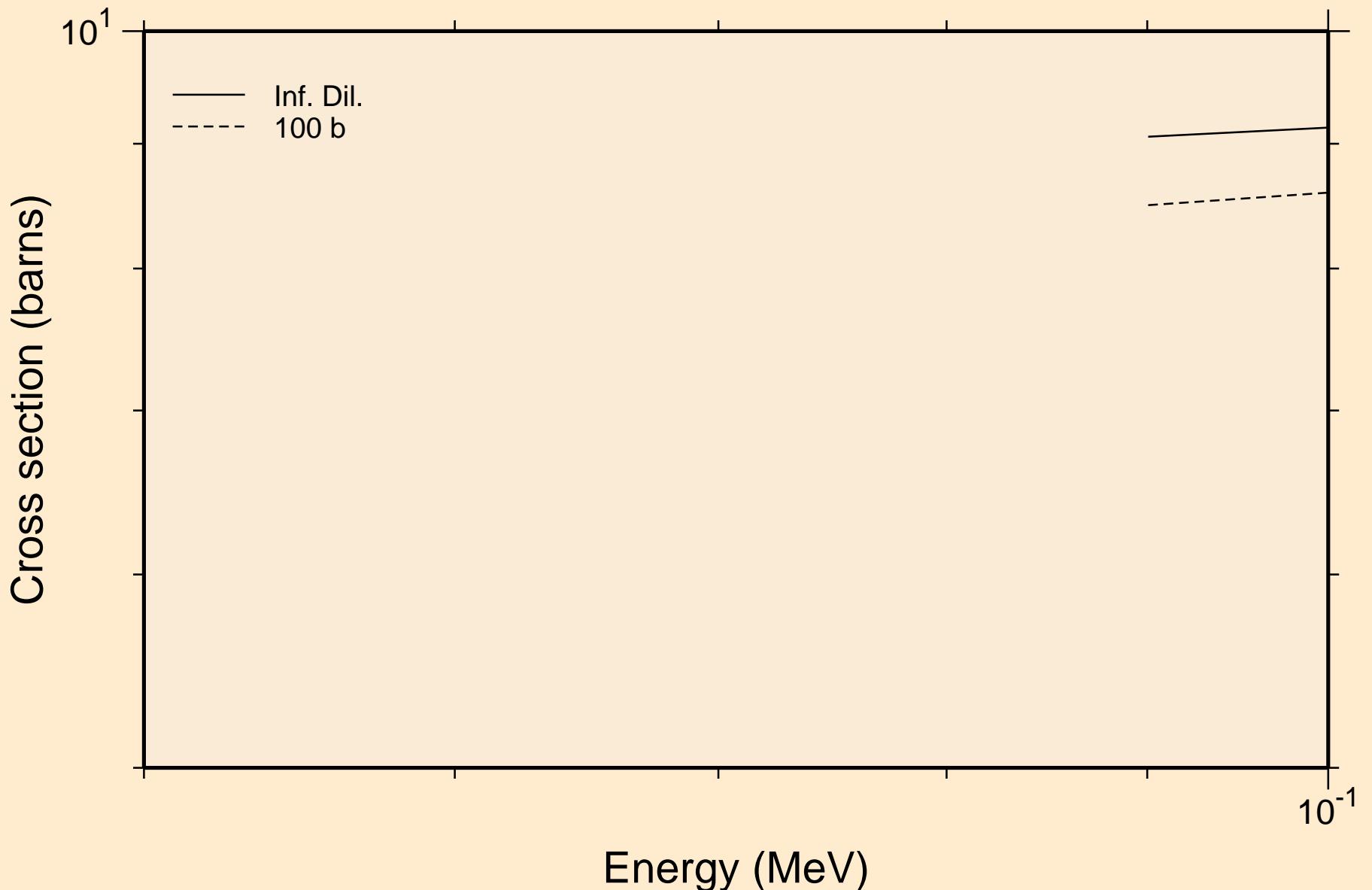


ENDF/B-VII ZR-94
UR total cross section



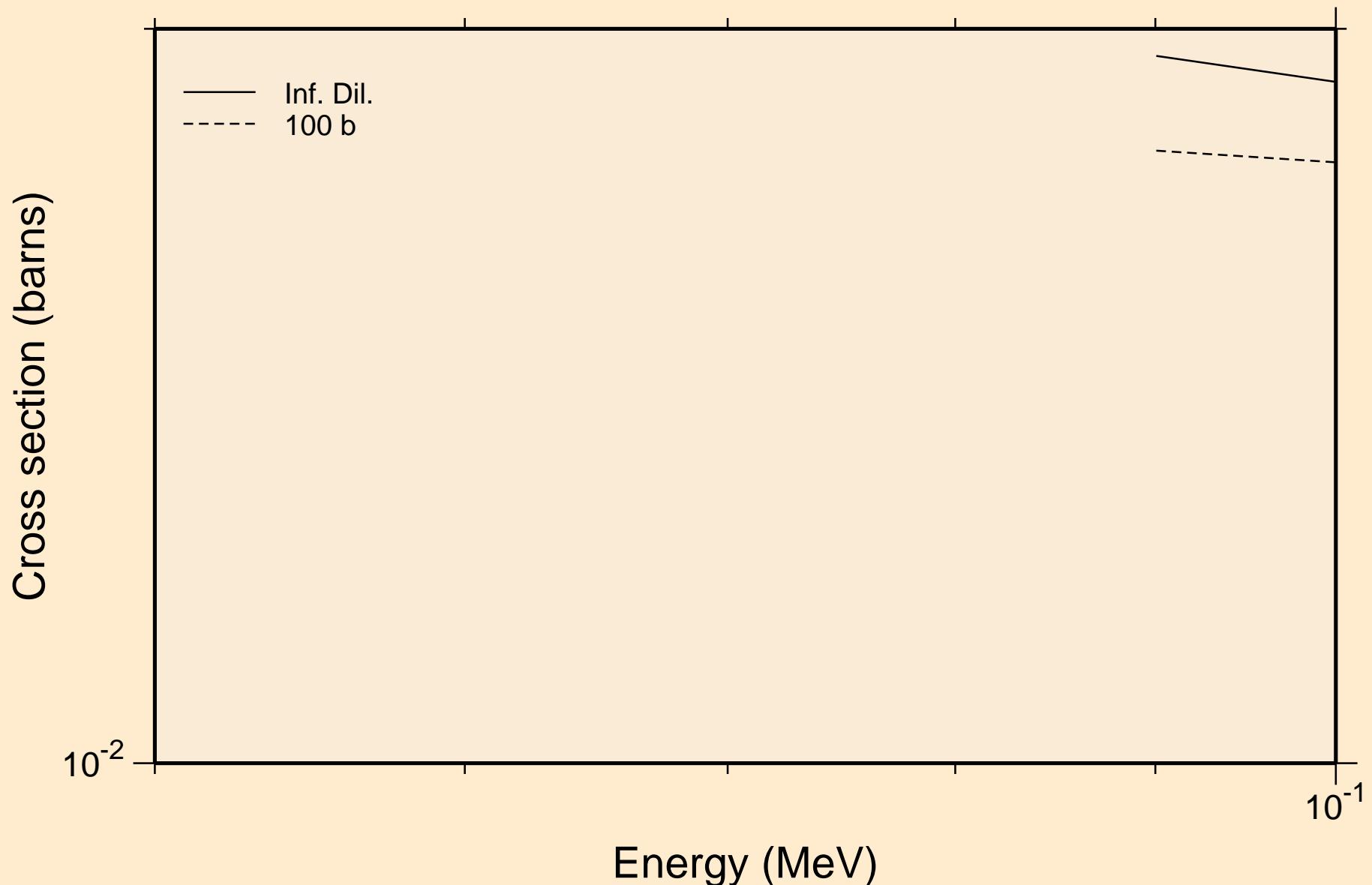
ENDF/B-VII ZR-94

UR elastic cross section

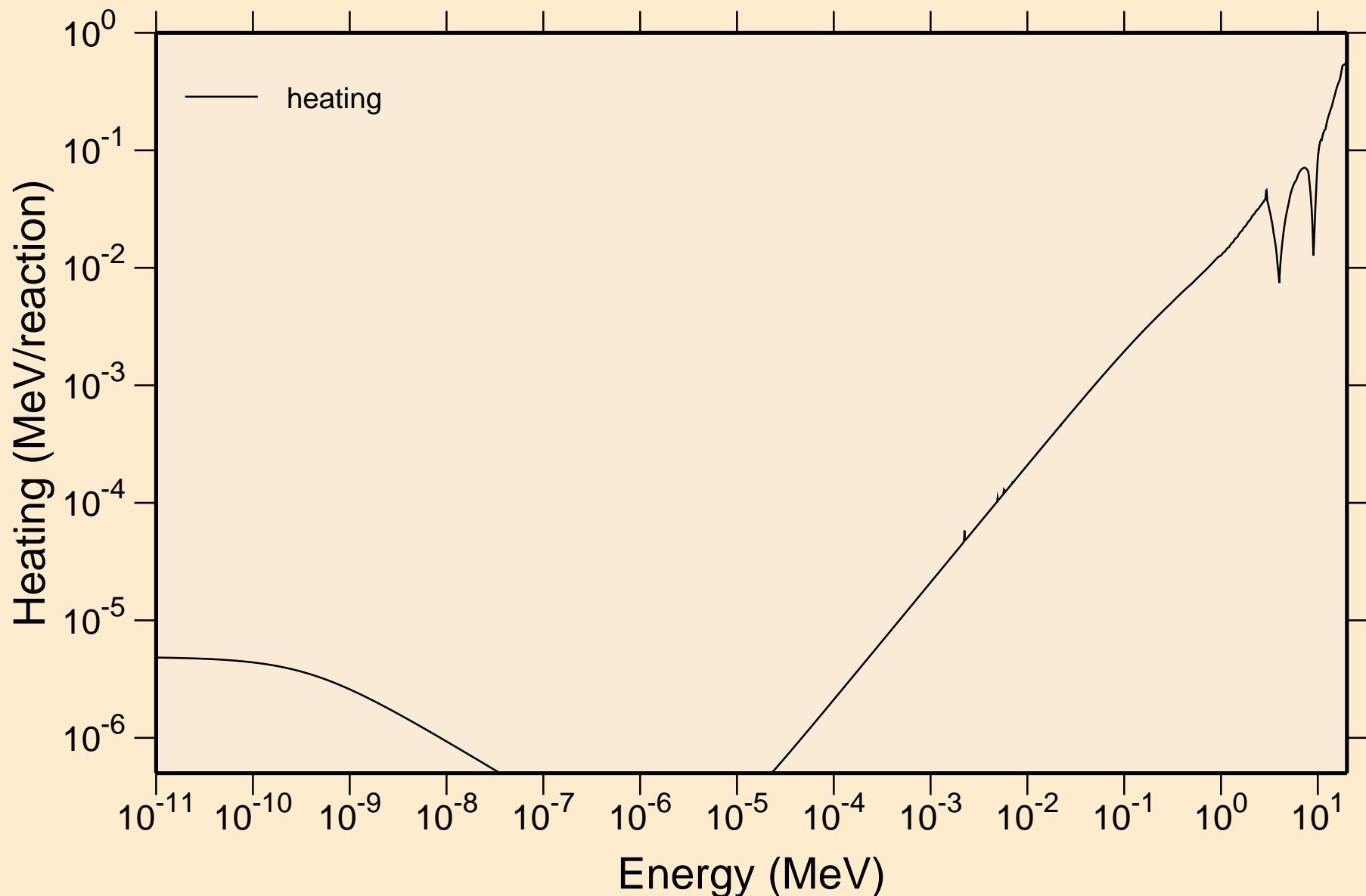


ENDF/B-VII ZR-94

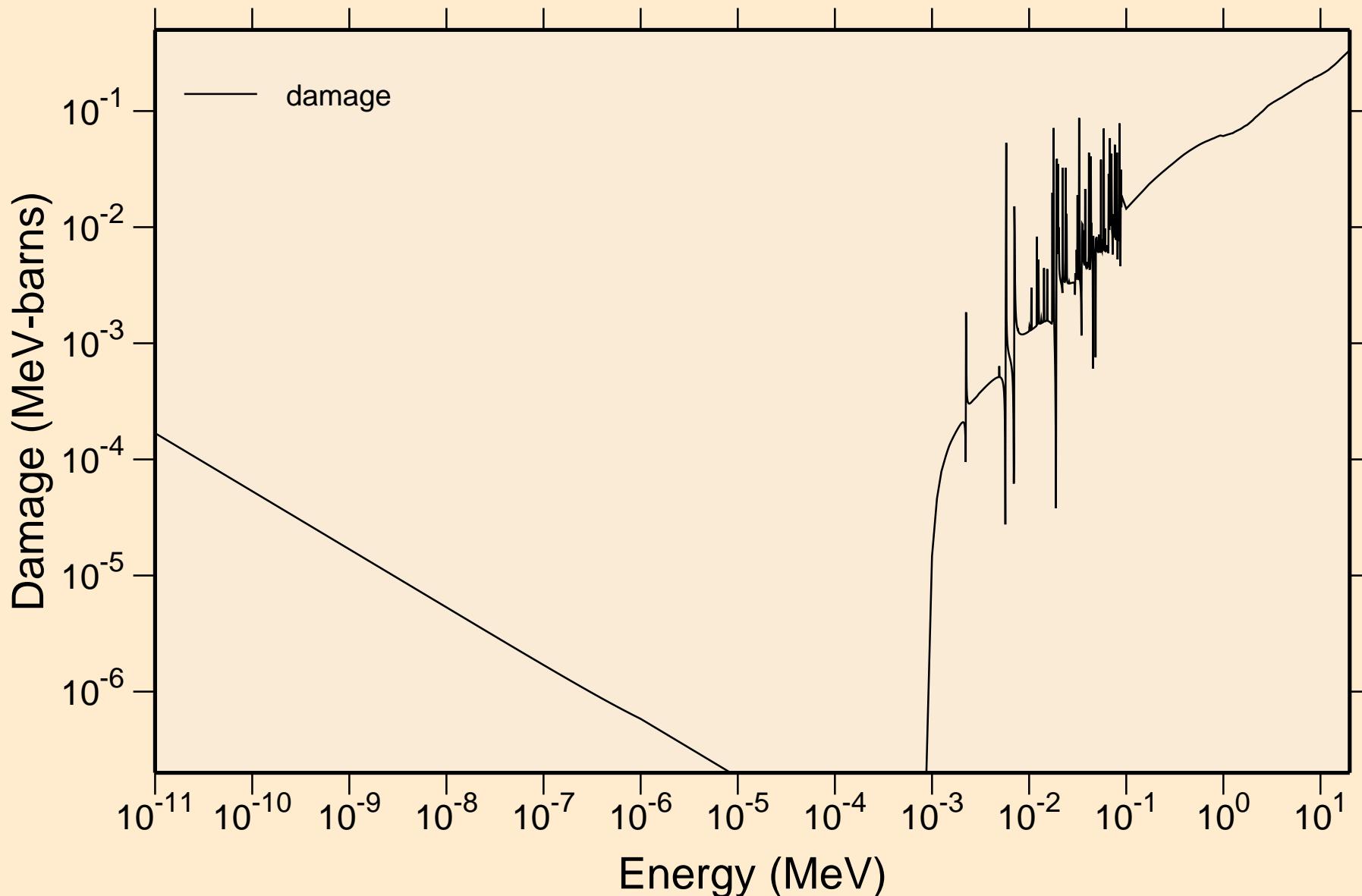
UR capture cross section



ENDF/B-VII ZR-94
Heating

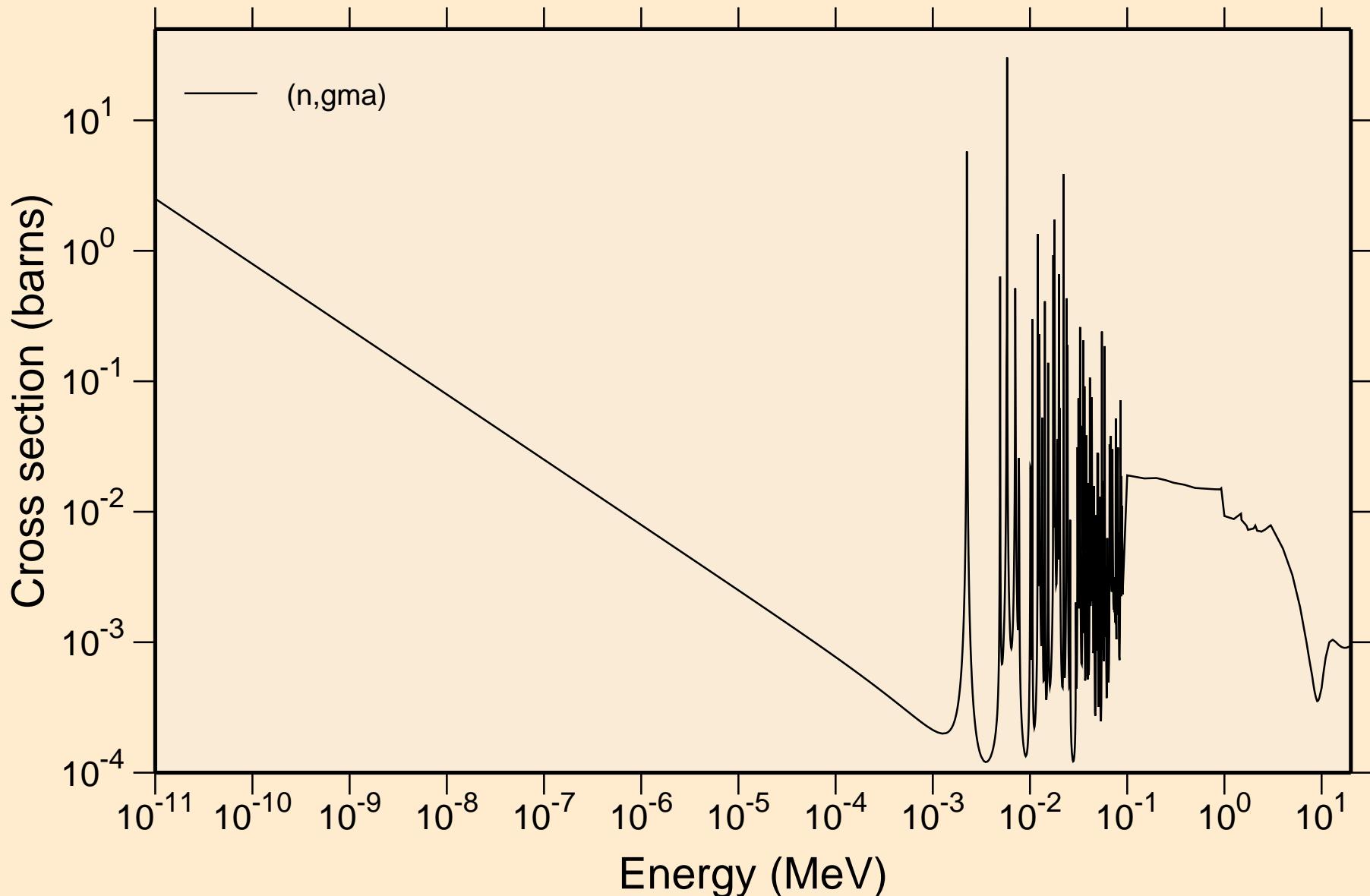


ENDF/B-VII ZR-94
Damage



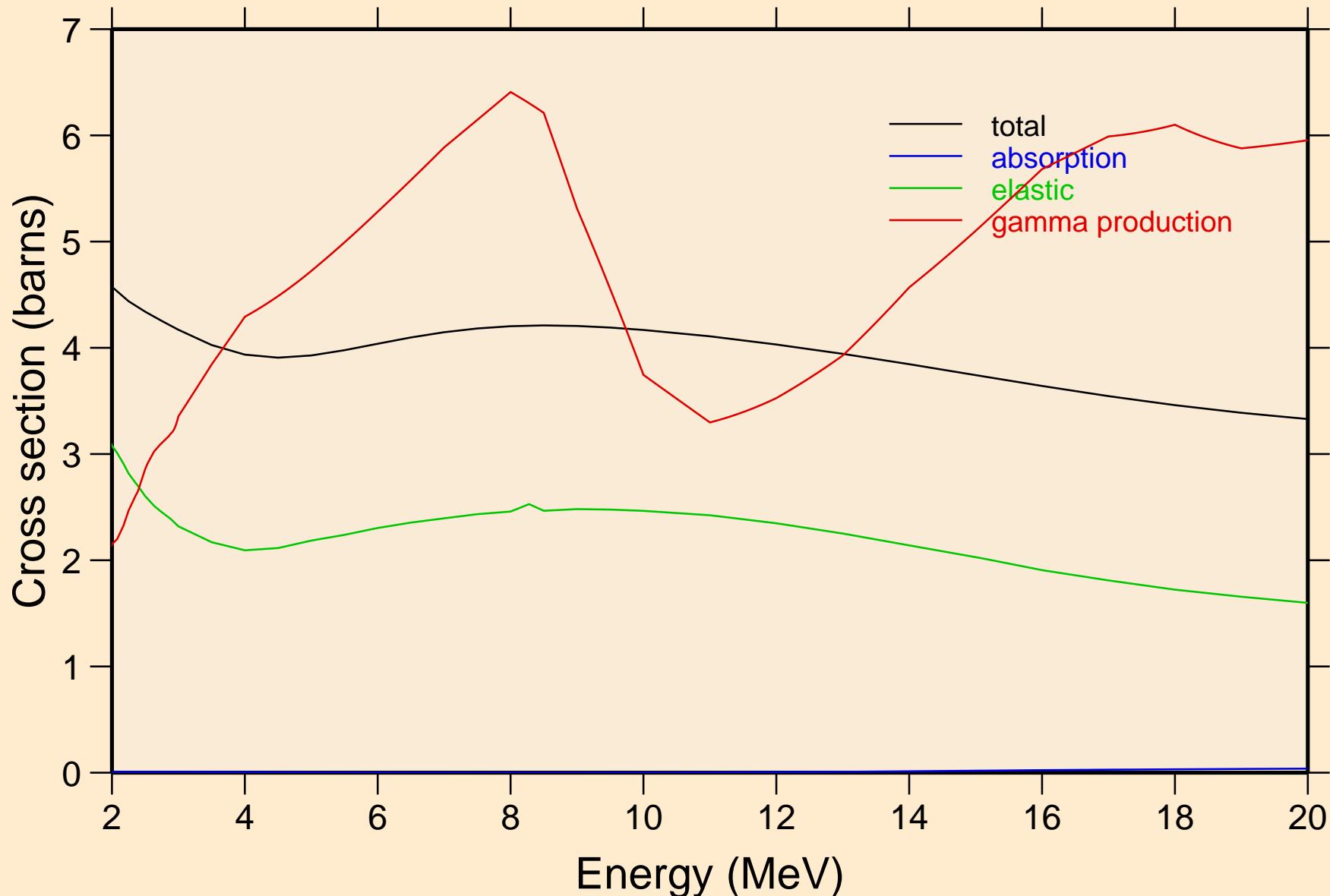
ENDF/B-VII ZR-94

Non-threshold reactions

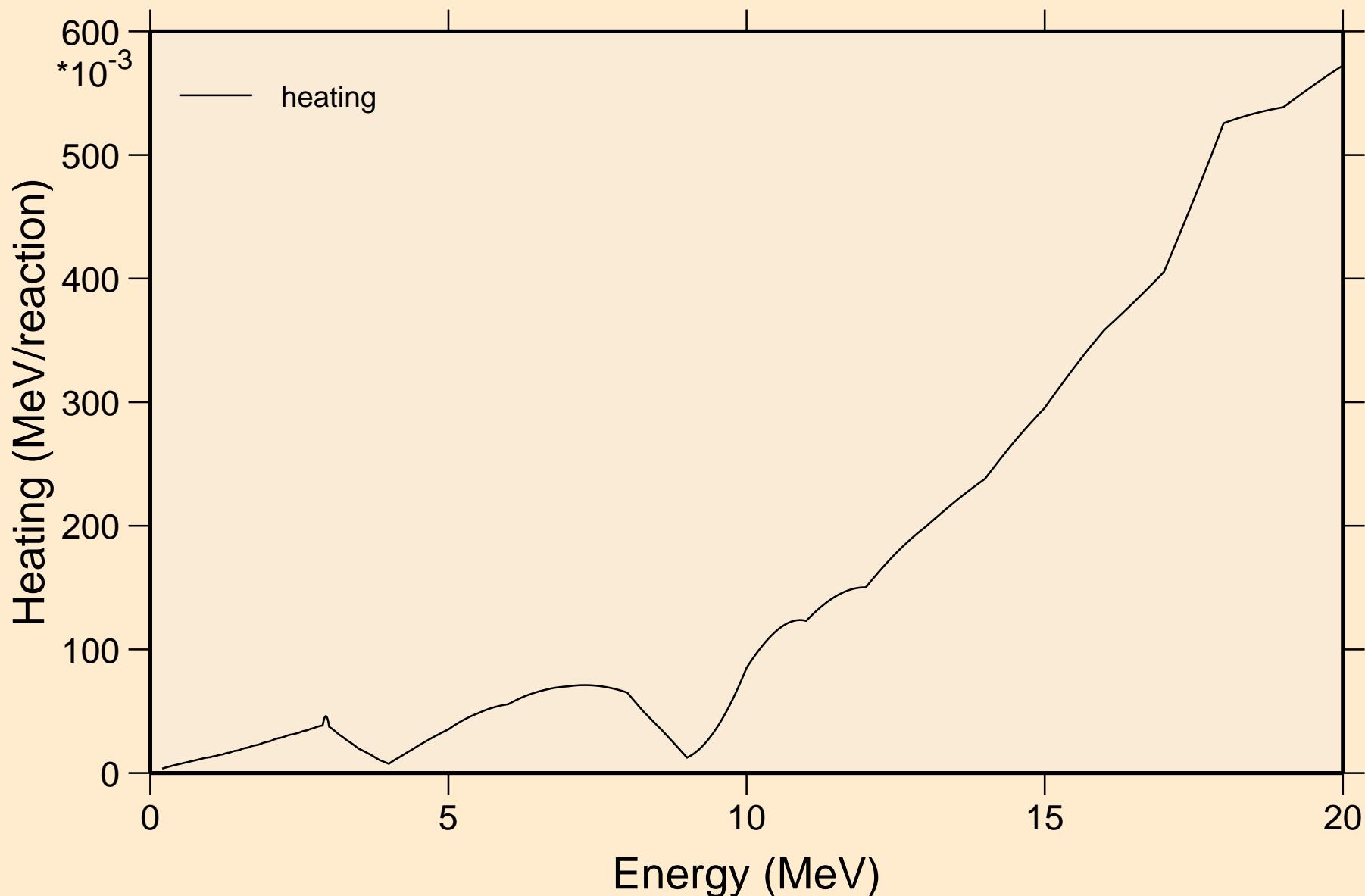


ENDF/B-VII ZR-94

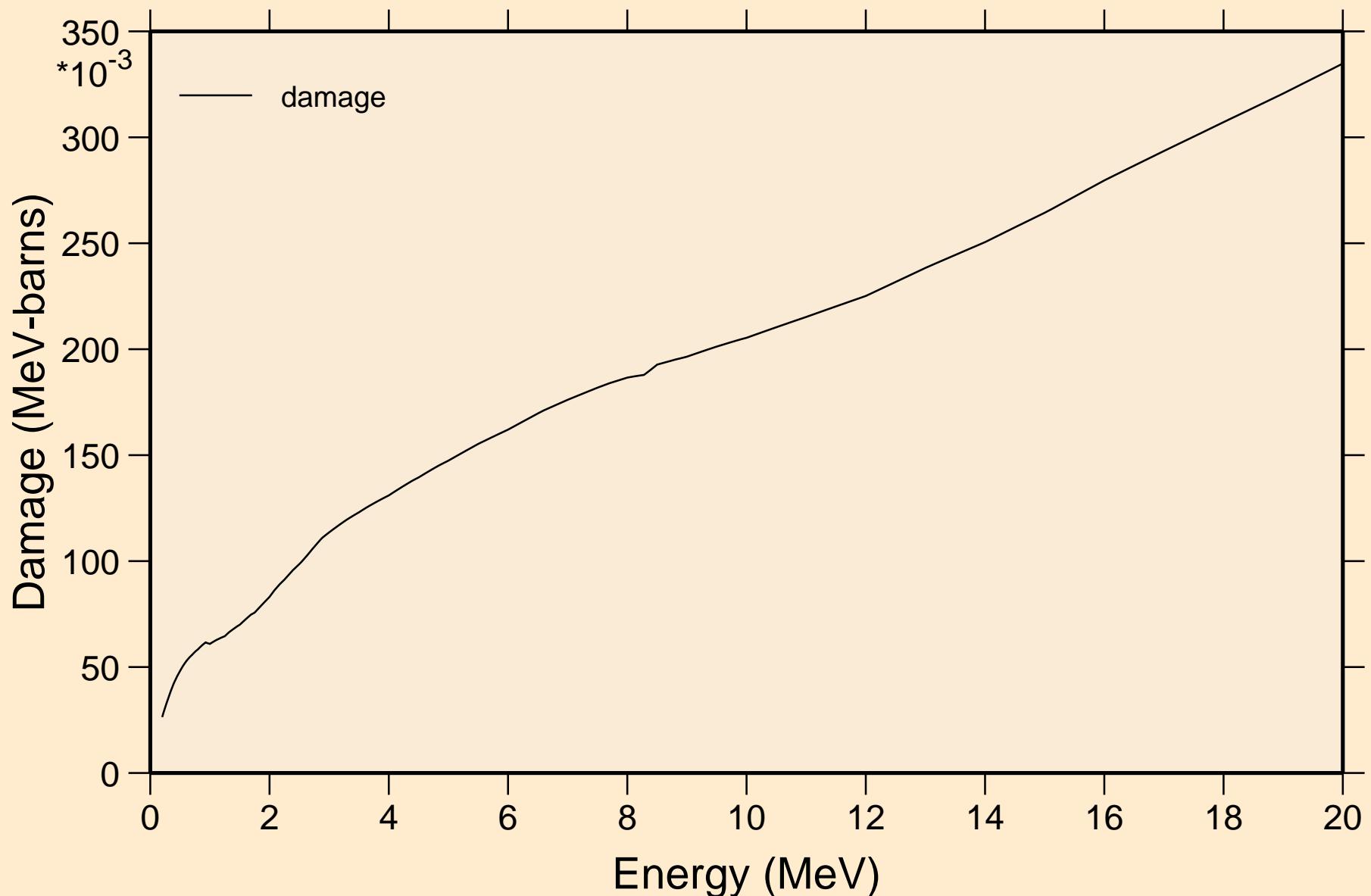
Principal cross sections



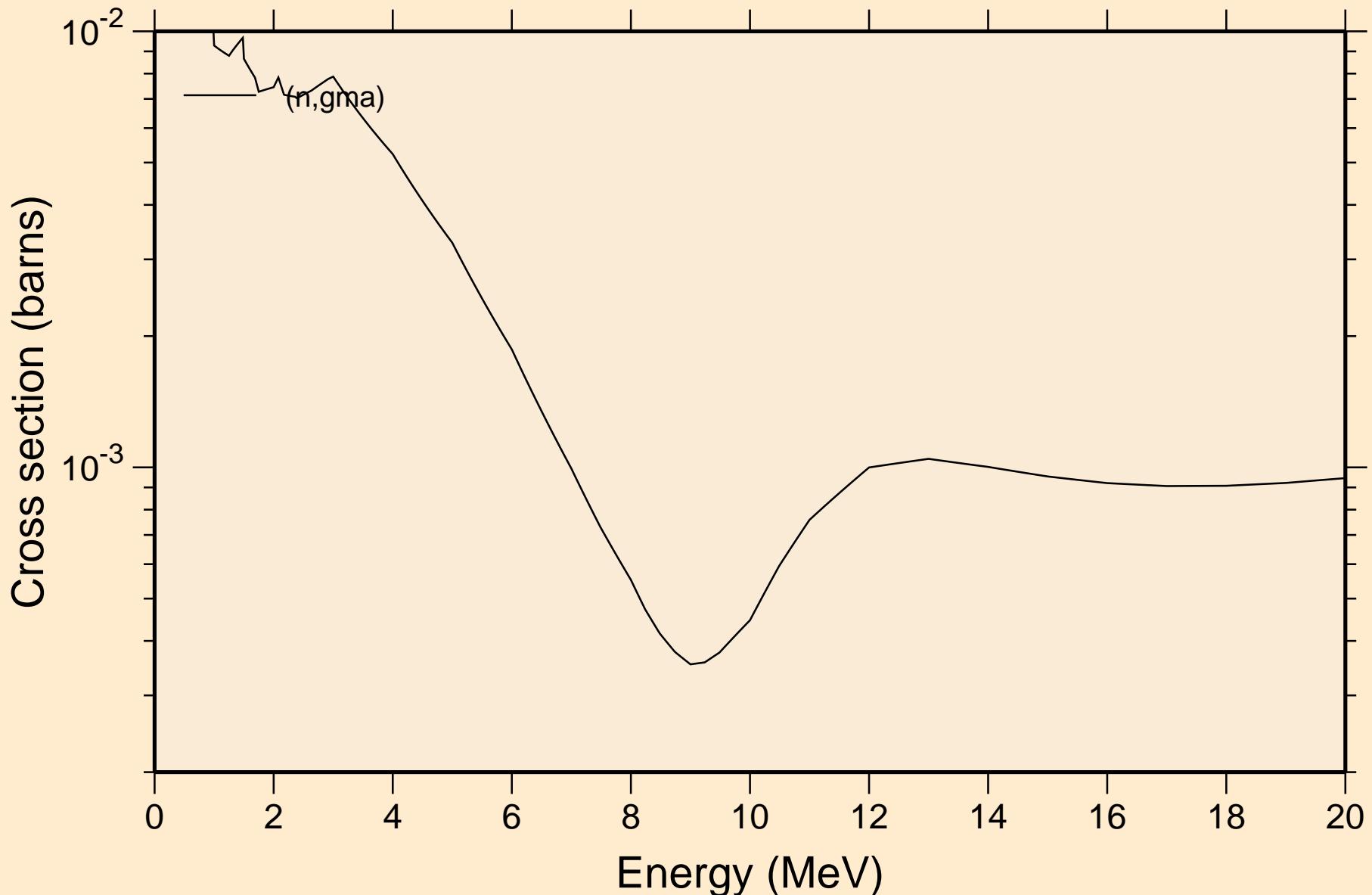
ENDF/B-VII ZR-94
Heating



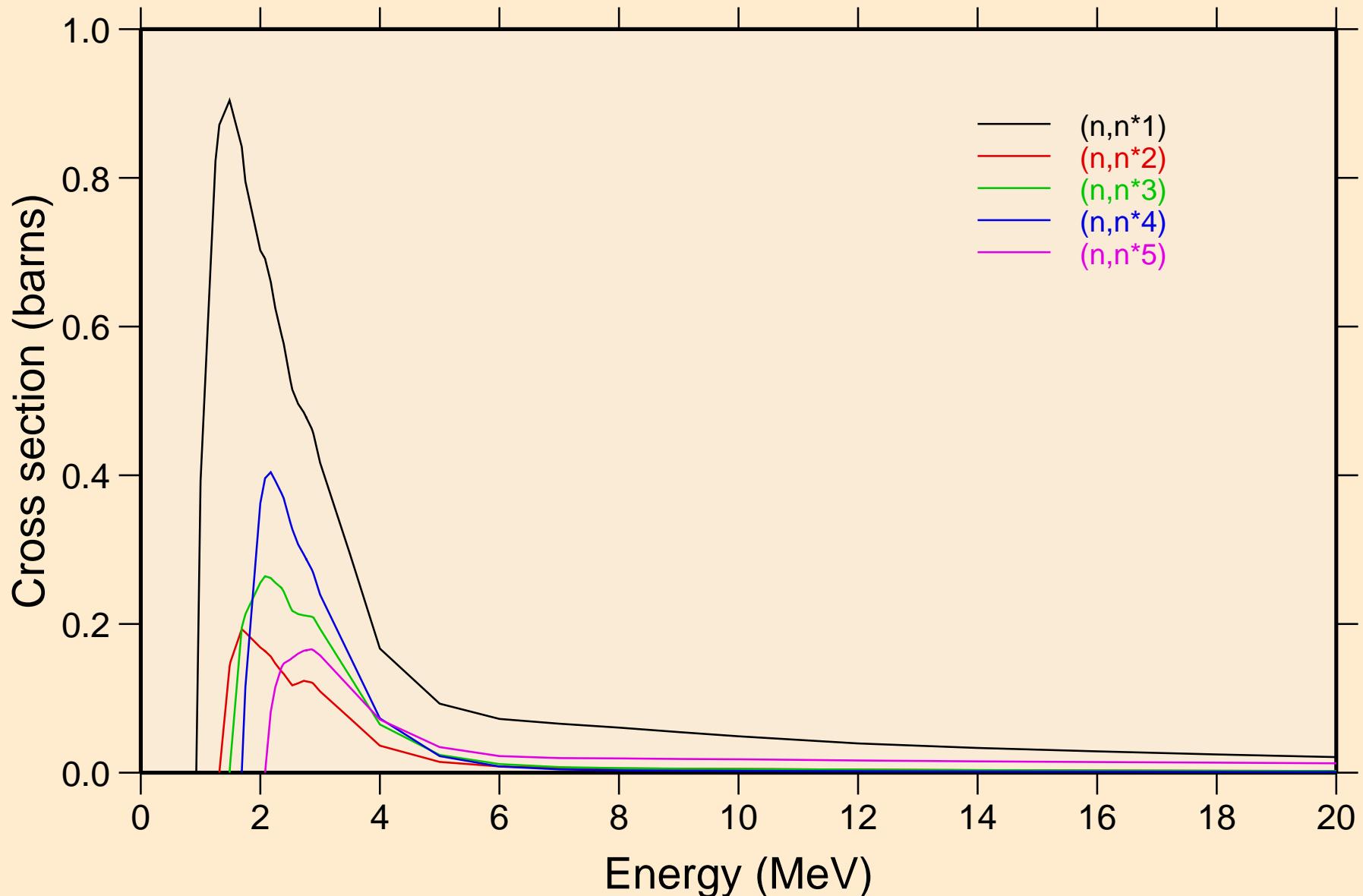
ENDF/B-VII ZR-94
Damage



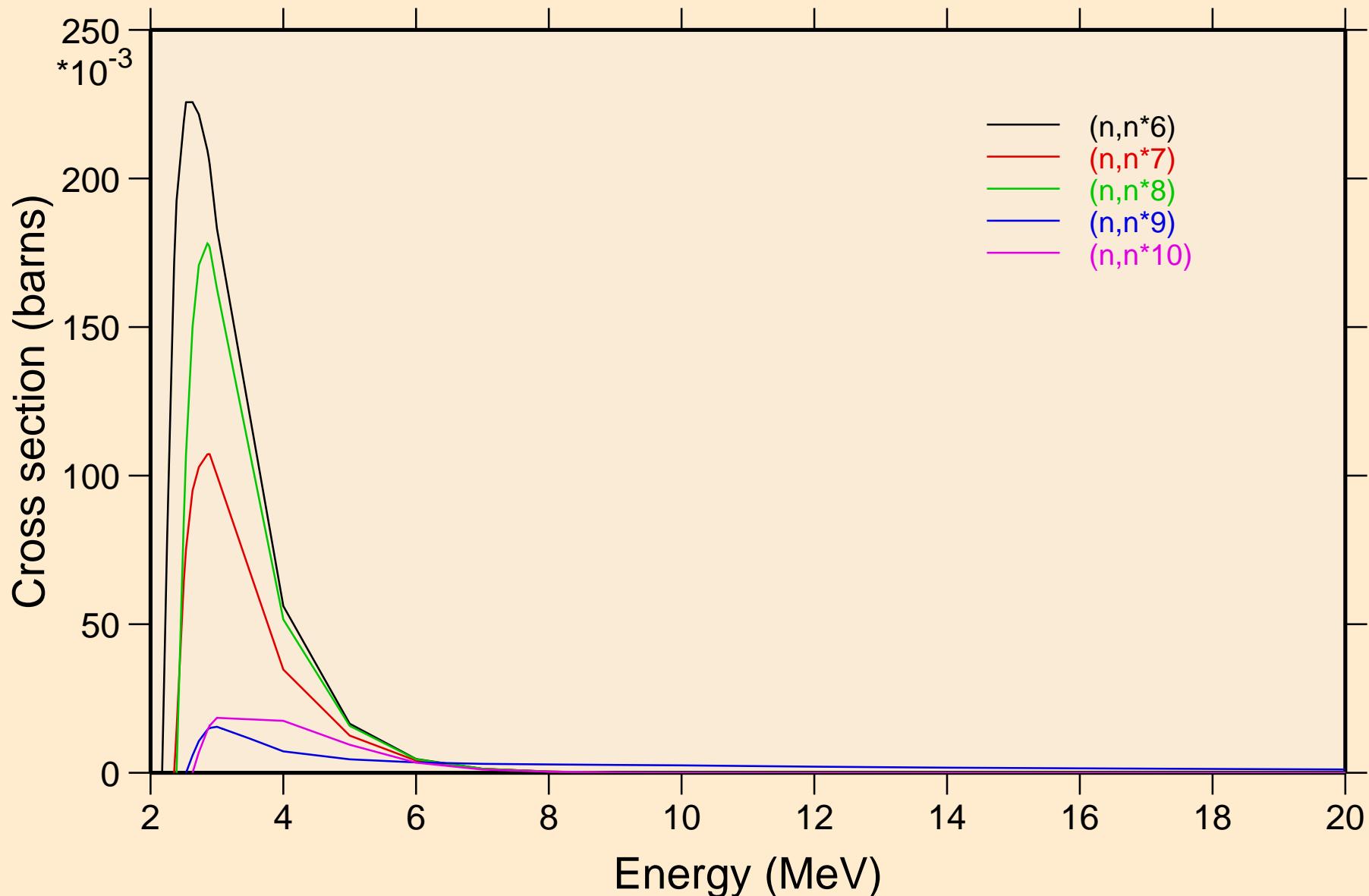
ENDF/B-VII ZR-94
Non-threshold reactions



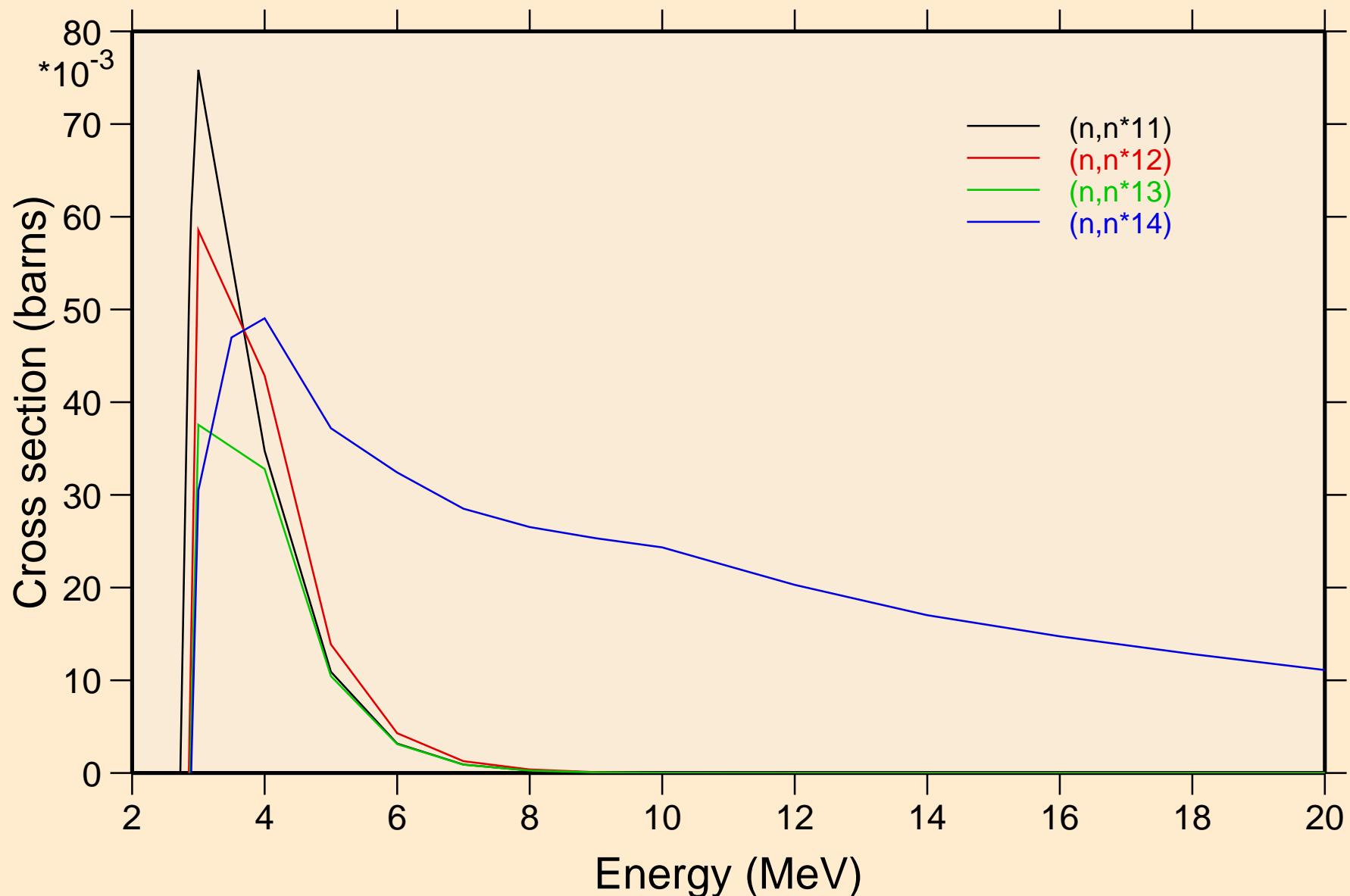
ENDF/B-VII ZR-94
Inelastic levels



ENDF/B-VII ZR-94
Inelastic levels

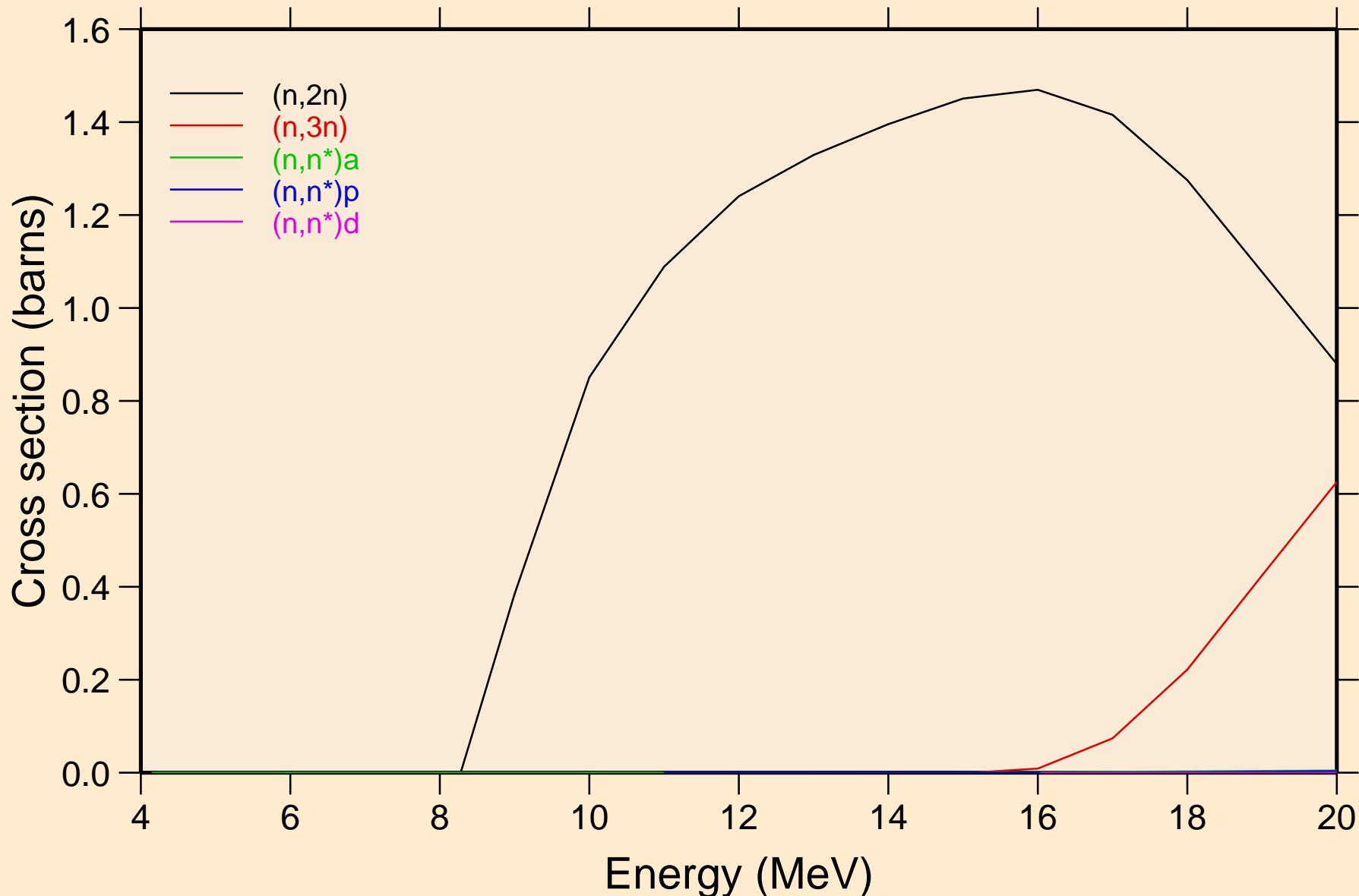


ENDF/B-VII ZR-94
Inelastic levels



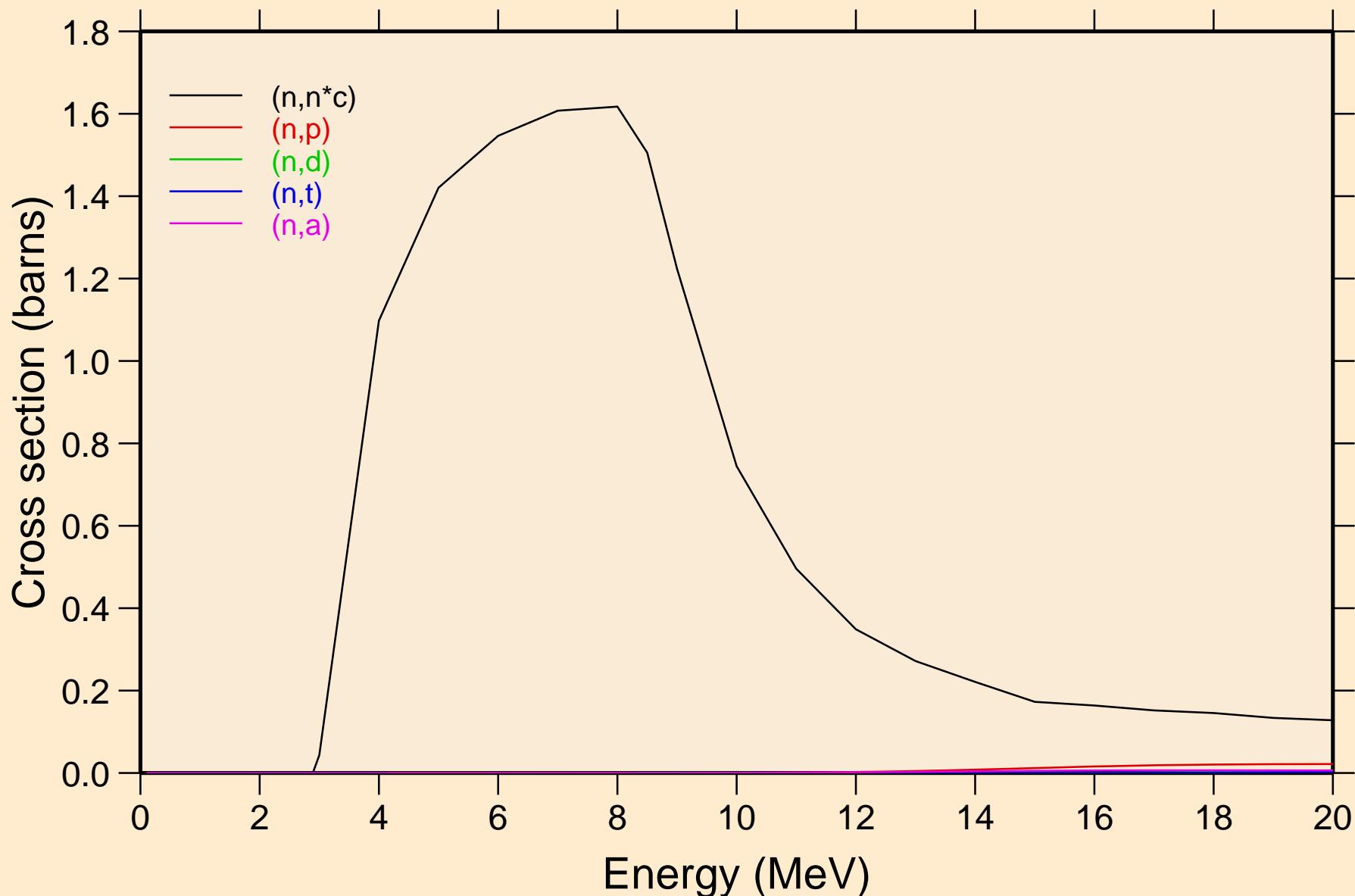
ENDF/B-VII ZR-94

Threshold reactions



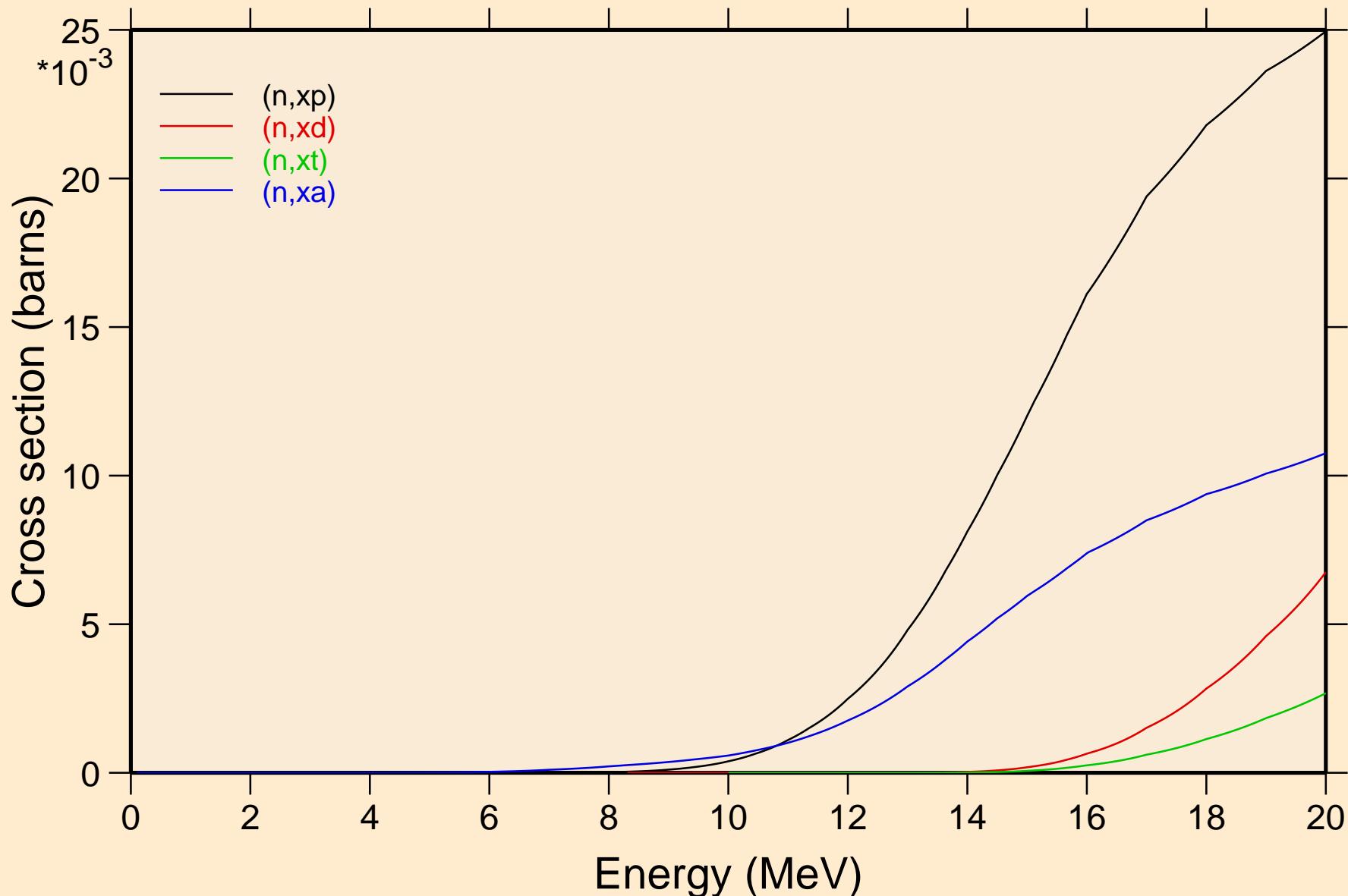
ENDF/B-VII ZR-94

Threshold reactions



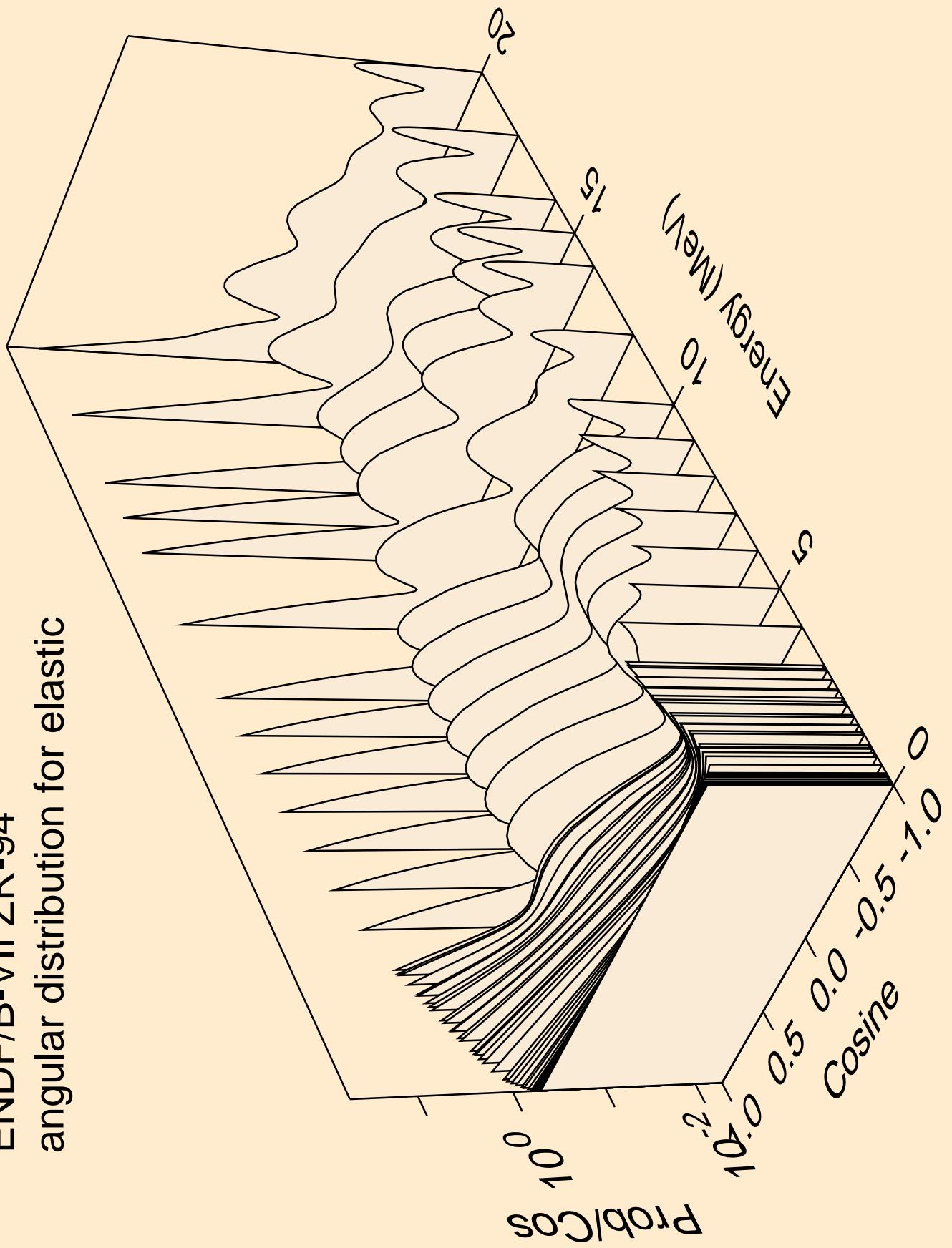
ENDF/B-VII ZR-94

Threshold reactions



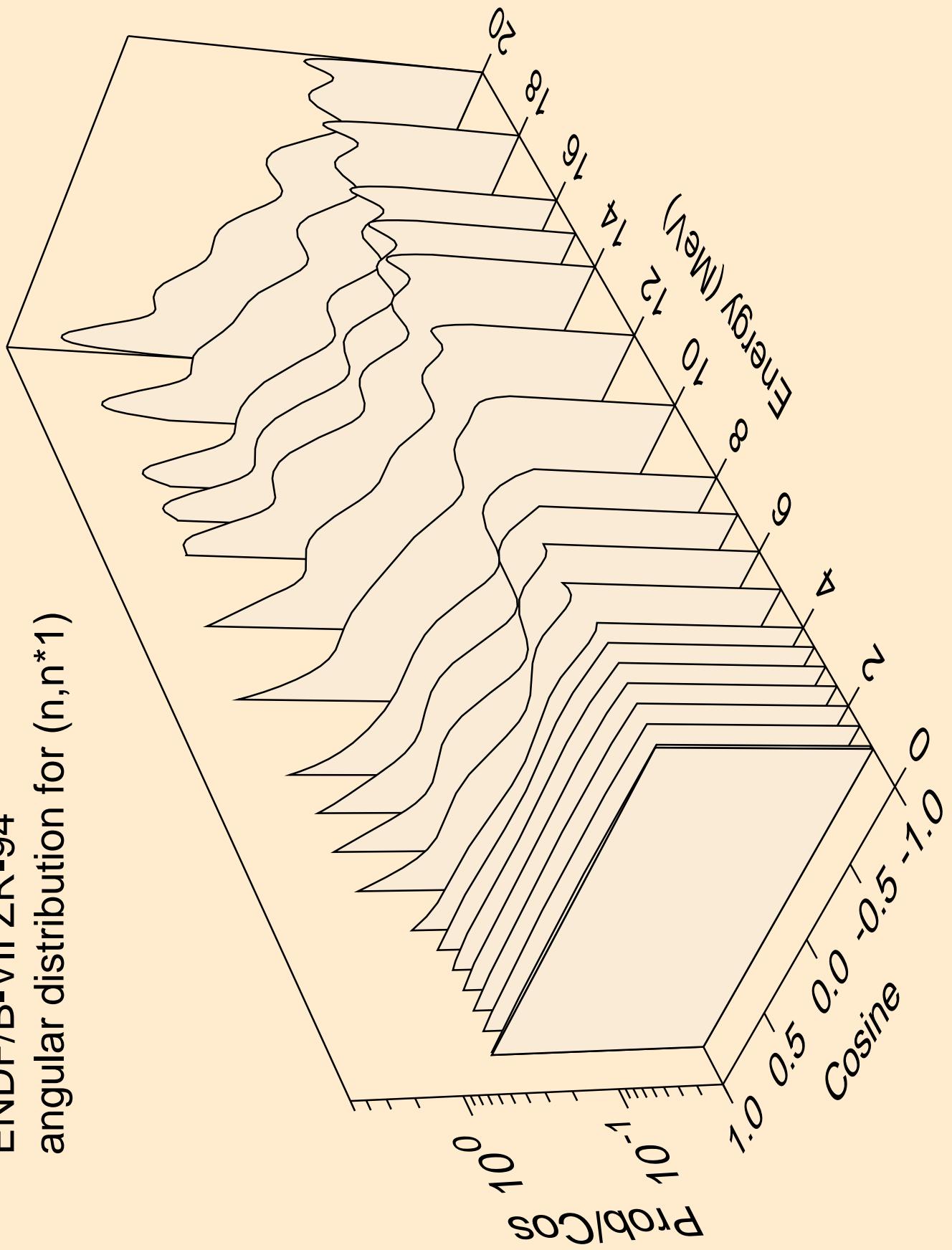
ENDF/B-VII ZR-94

angular distribution for elastic



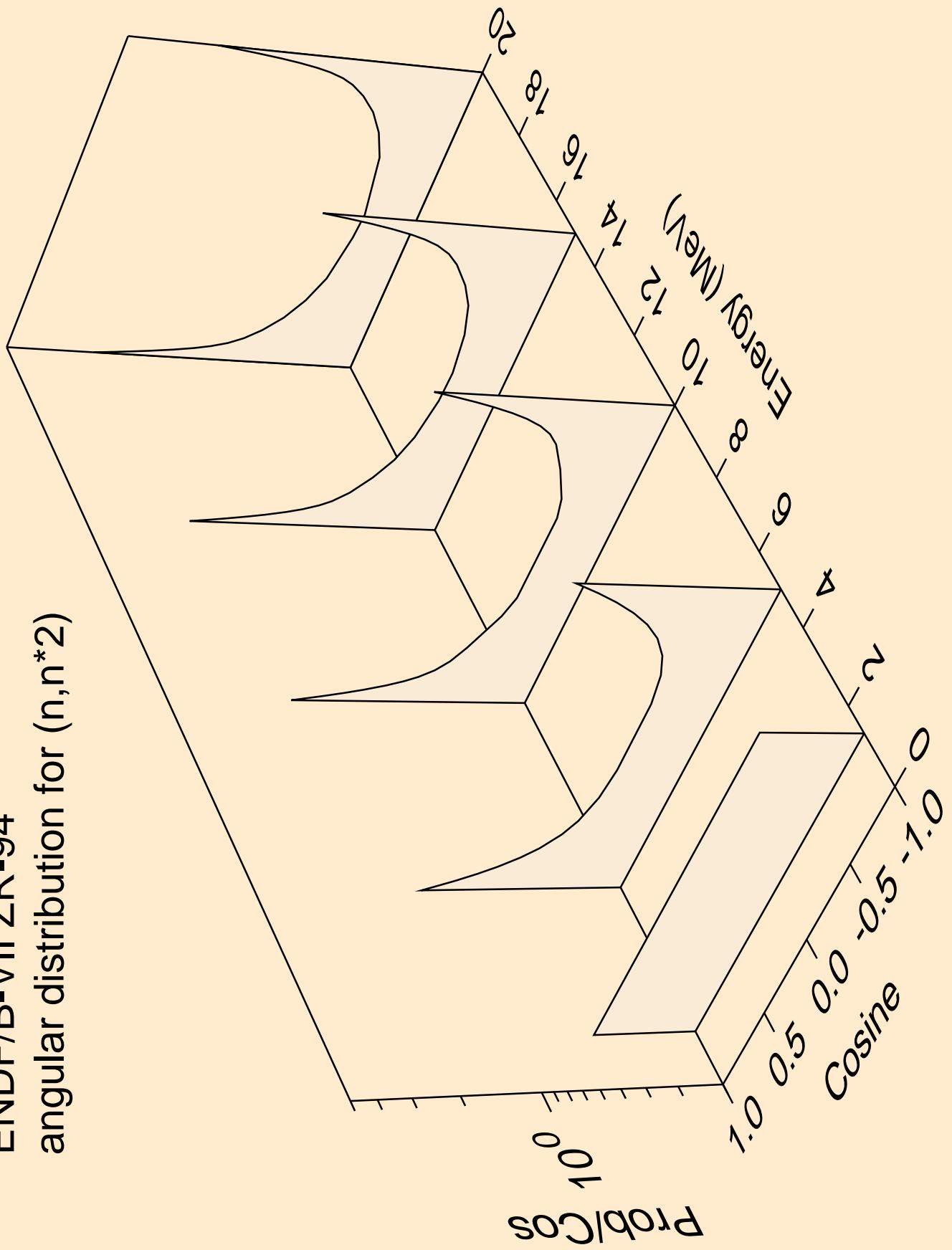
ENDF/B-VII ZR-94

angular distribution for (n, n^*)



ENDF/B-VII ZR-94

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



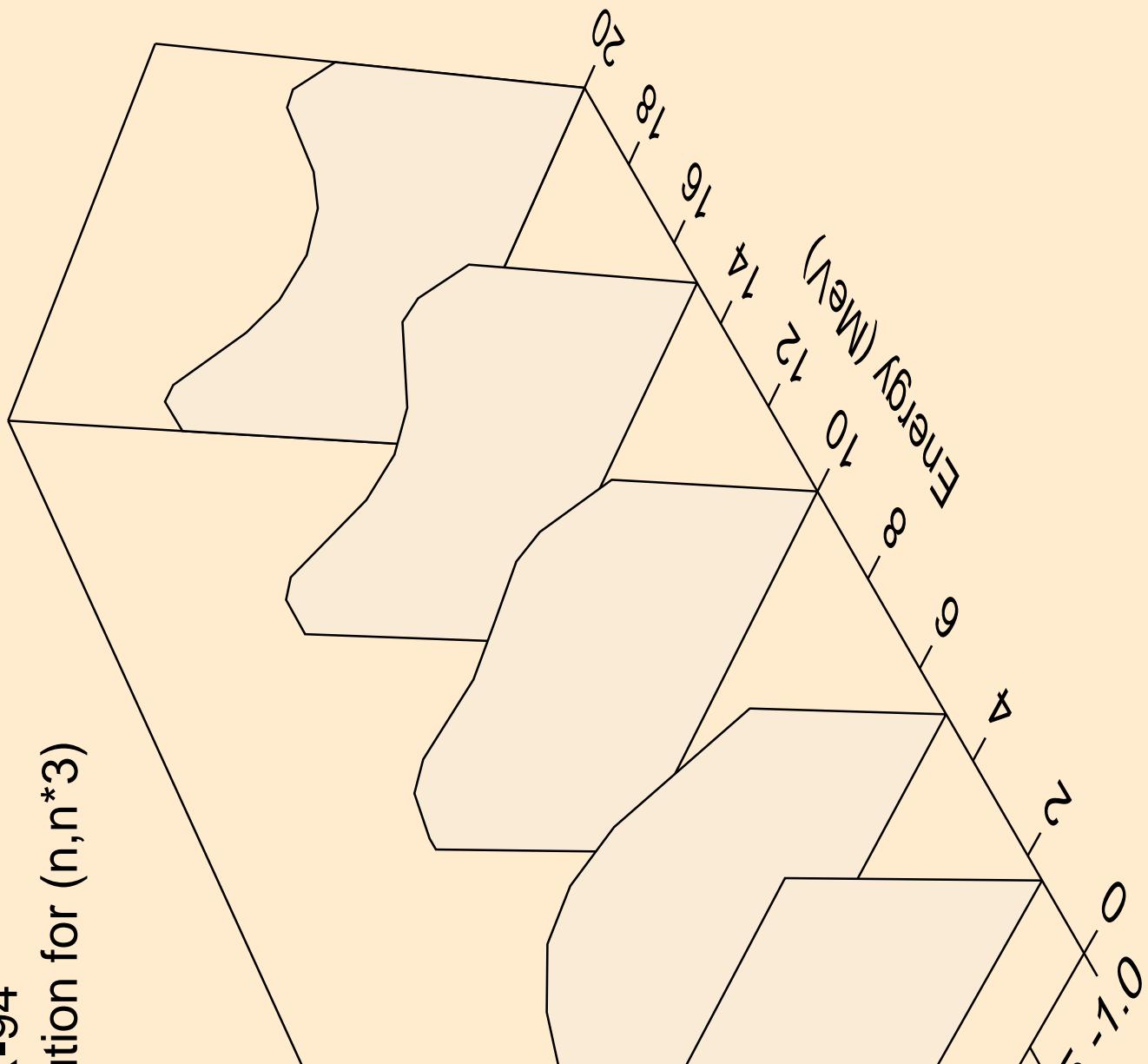
ENDF/B-VII ZR-94

angular distribution for (n,n*3)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



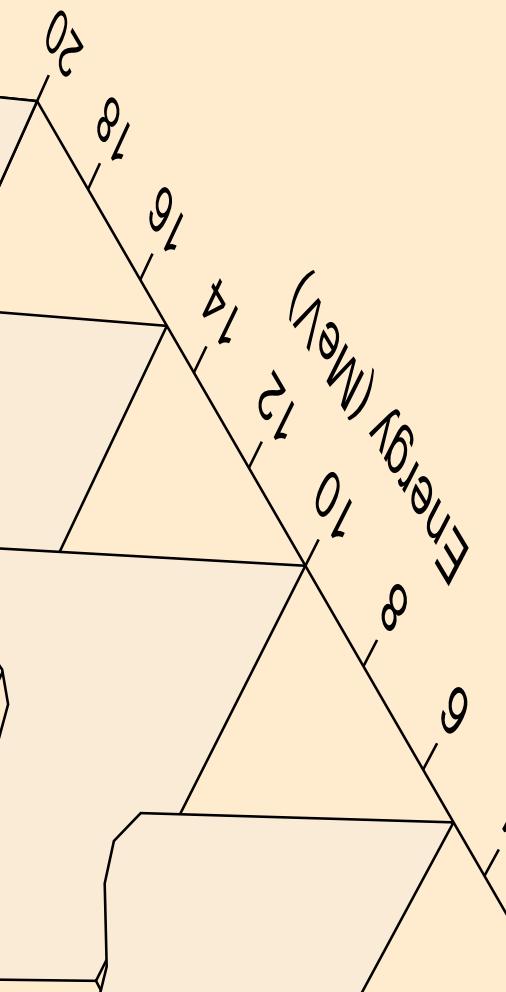
ENDF/B-VII ZR-94

angular distribution for (n,n^*4)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



4

6

8

10

12

14

16

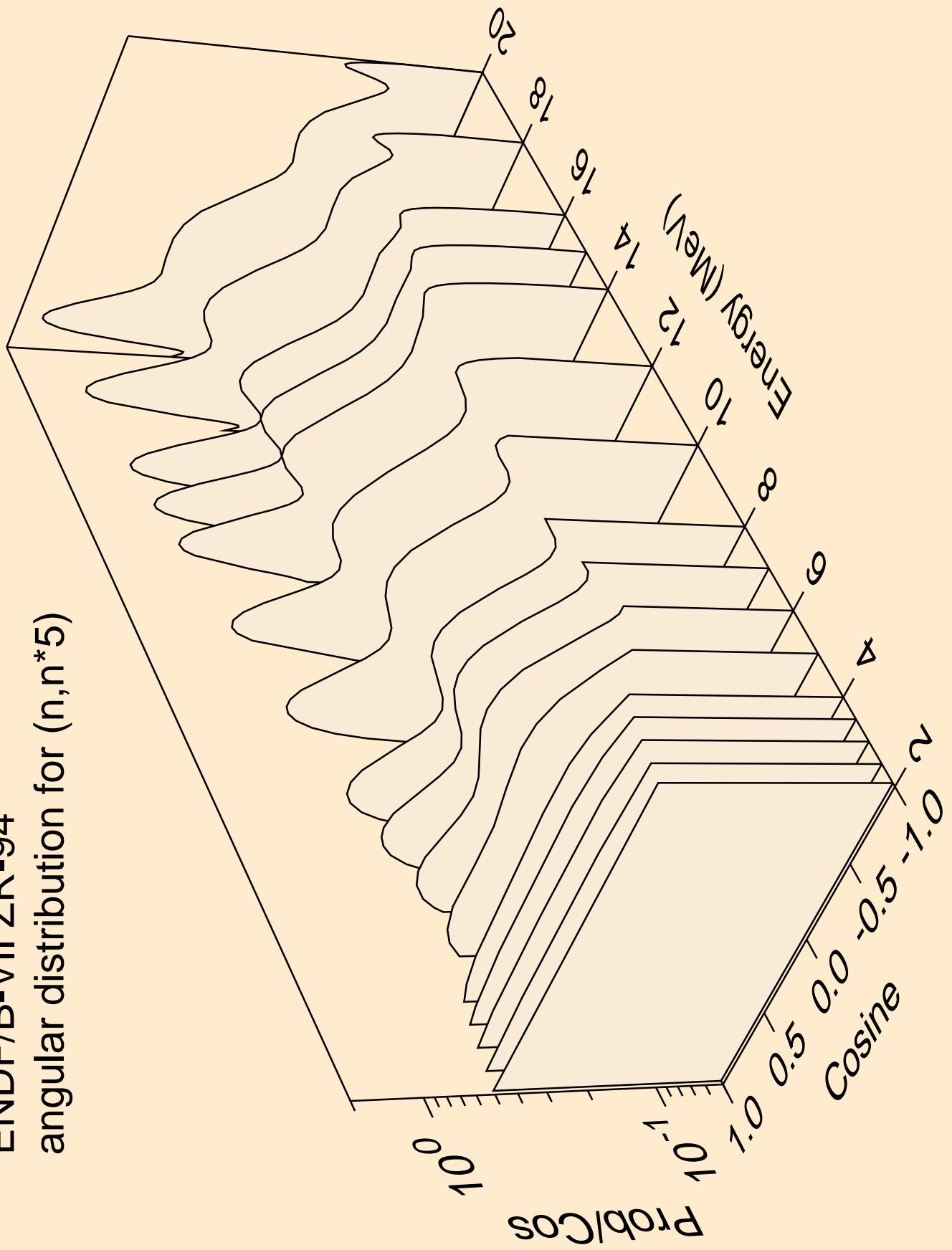
18

20

$E_{\text{transfer}}/\text{MeV}$

ENDF/B-VII ZR-94

angular distribution for (n,n^*5)



ENDF/B-VII ZR-94

angular distribution for (n,n^*6)

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-94

angular distribution for (n,n^*7)

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

0

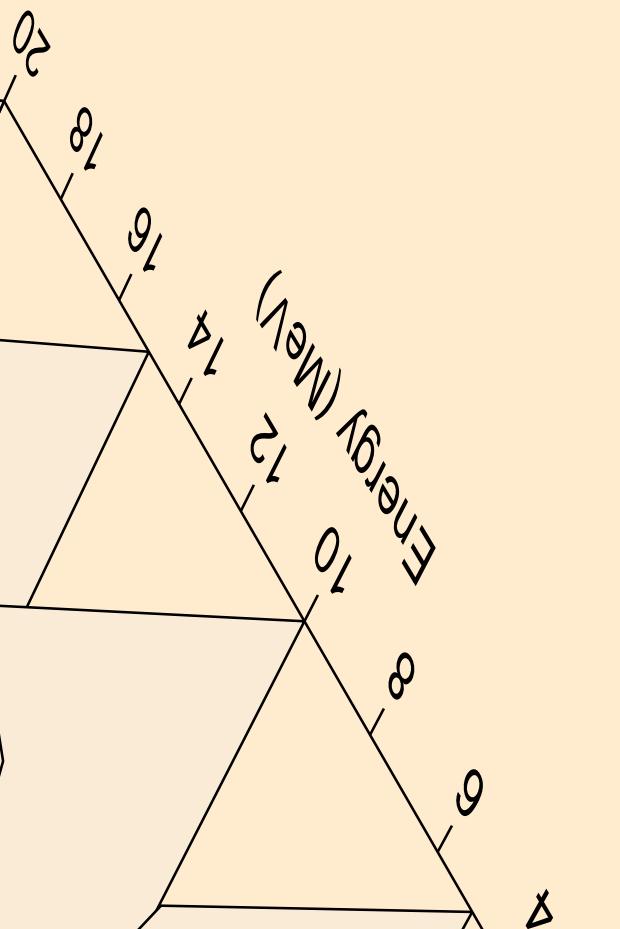
ENDF/B-VII ZR-94

angular distribution for (n,n^*8)

10^0

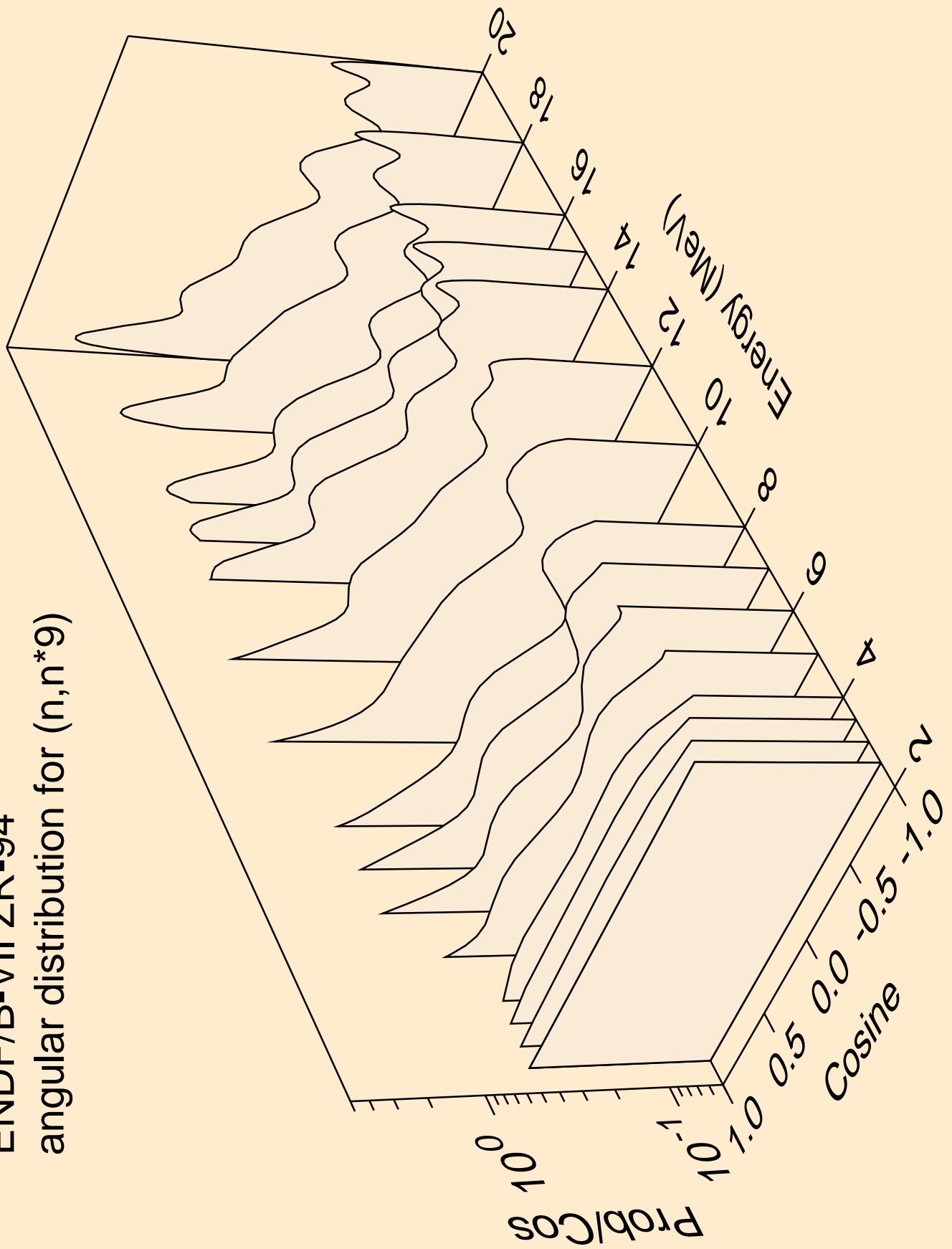
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



ENDF/B-VII ZR-94

angular distribution for (n,n^*g)



ENDF/B-VII ZR-94

angular distribution for (n,n*10)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

10

12

20

18

16

14

12

10

8

6

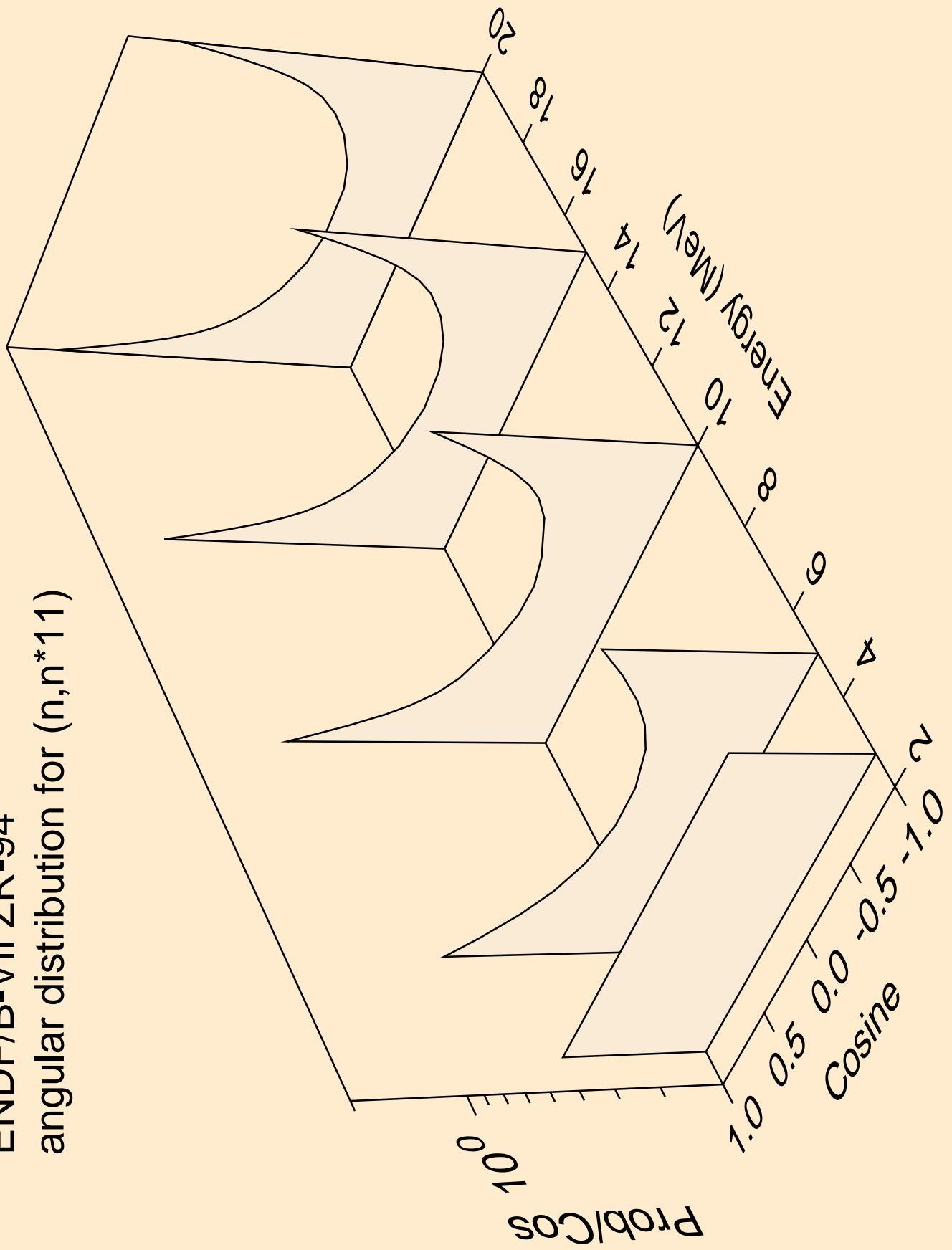
4

2

0

ENDF/B-VII ZR-94

angular distribution for (n,n*11)



ENDF/B-VII ZR-94

angular distribution for (n,n^*12)

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

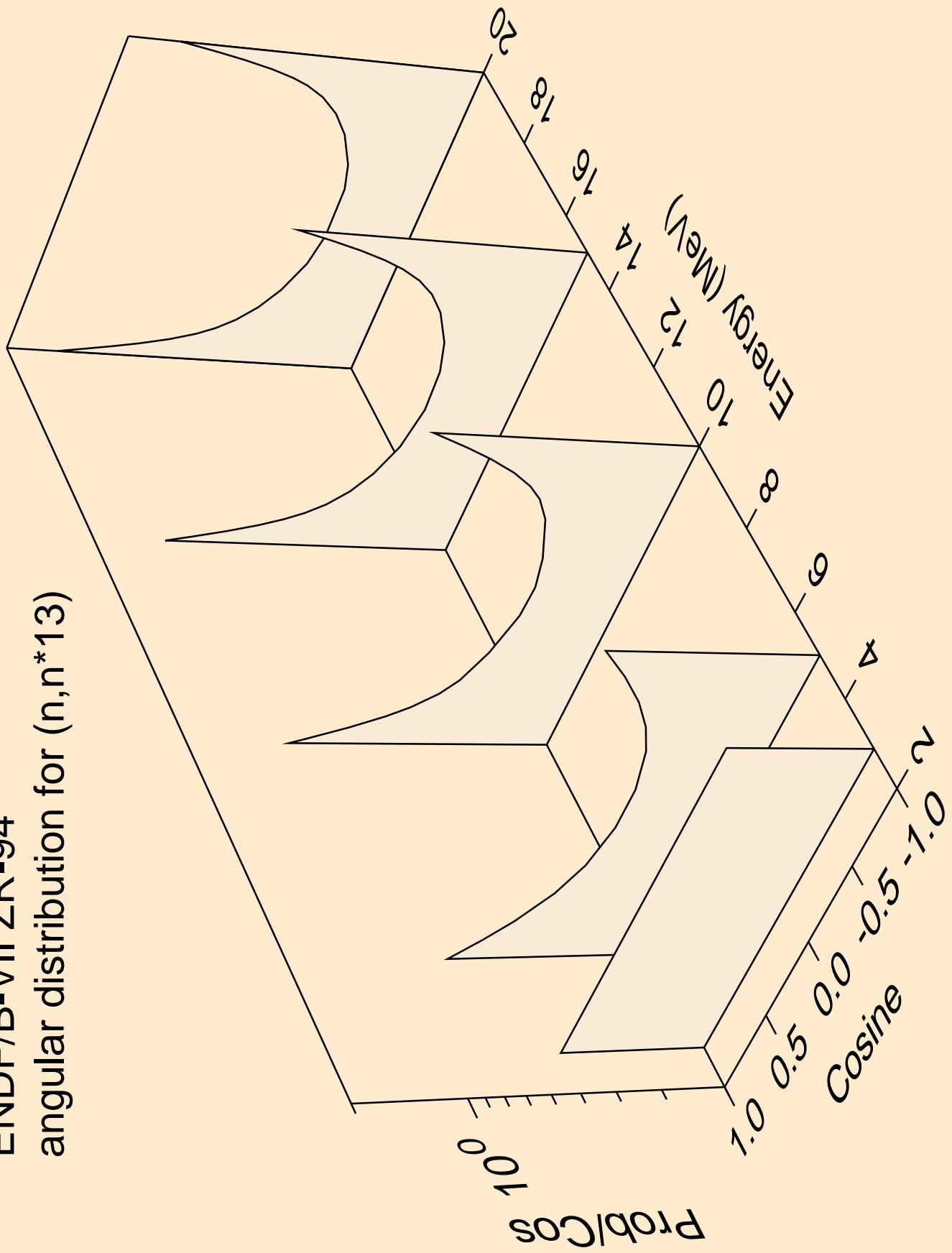
4

2

0

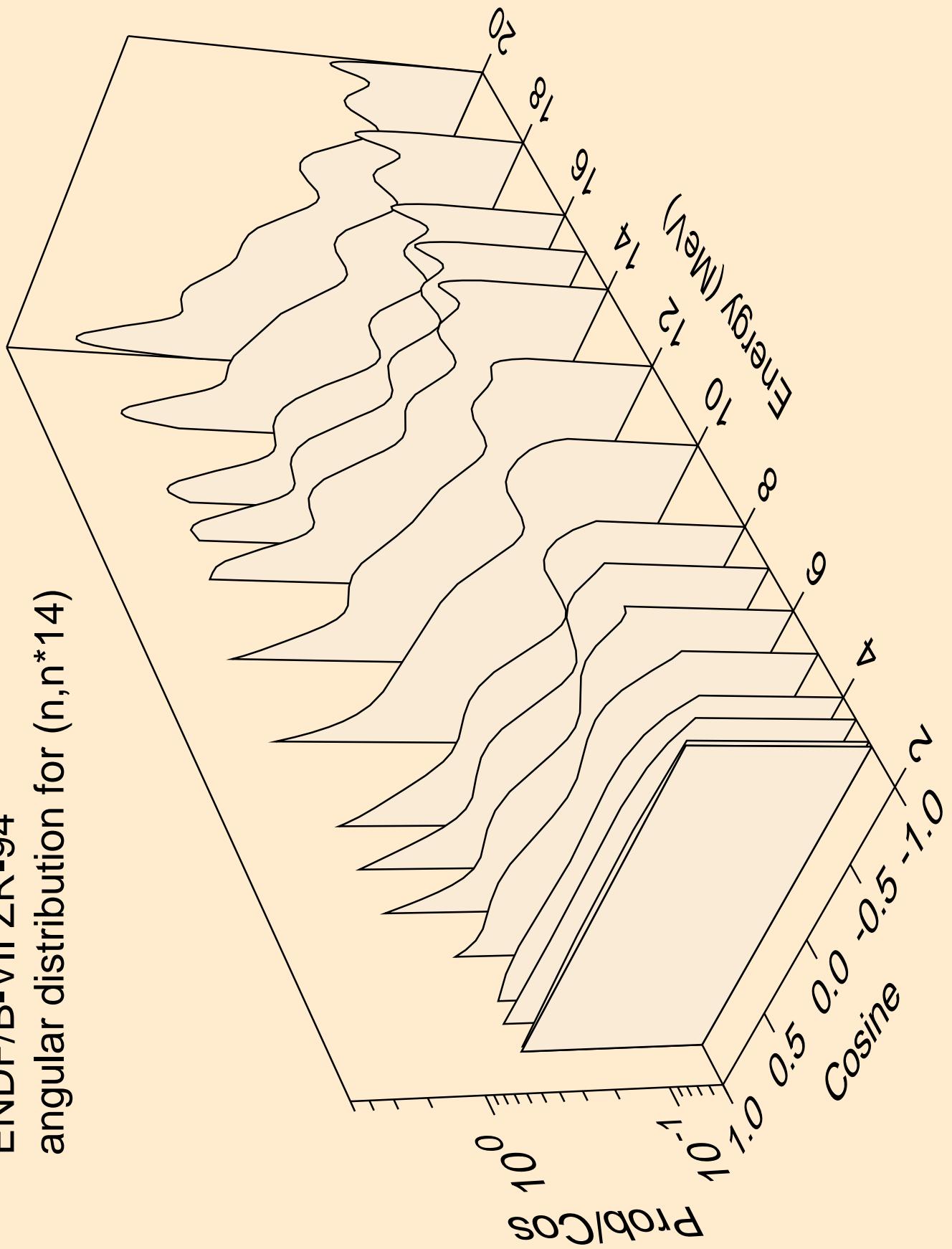
ENDF/B-VII ZR-94

angular distribution for (n,n*13)



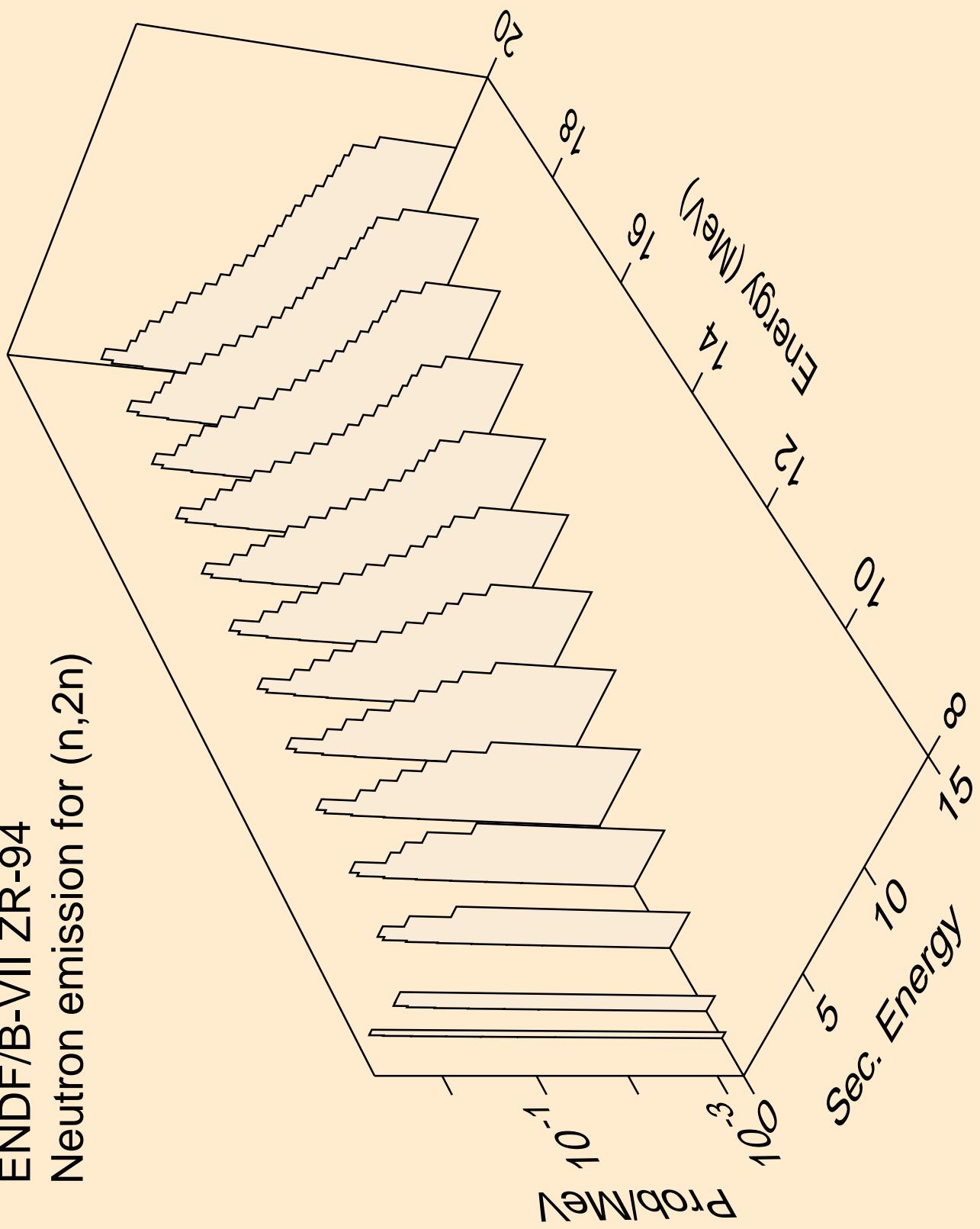
ENDF/B-VII ZR-94

angular distribution for (n,n*14)



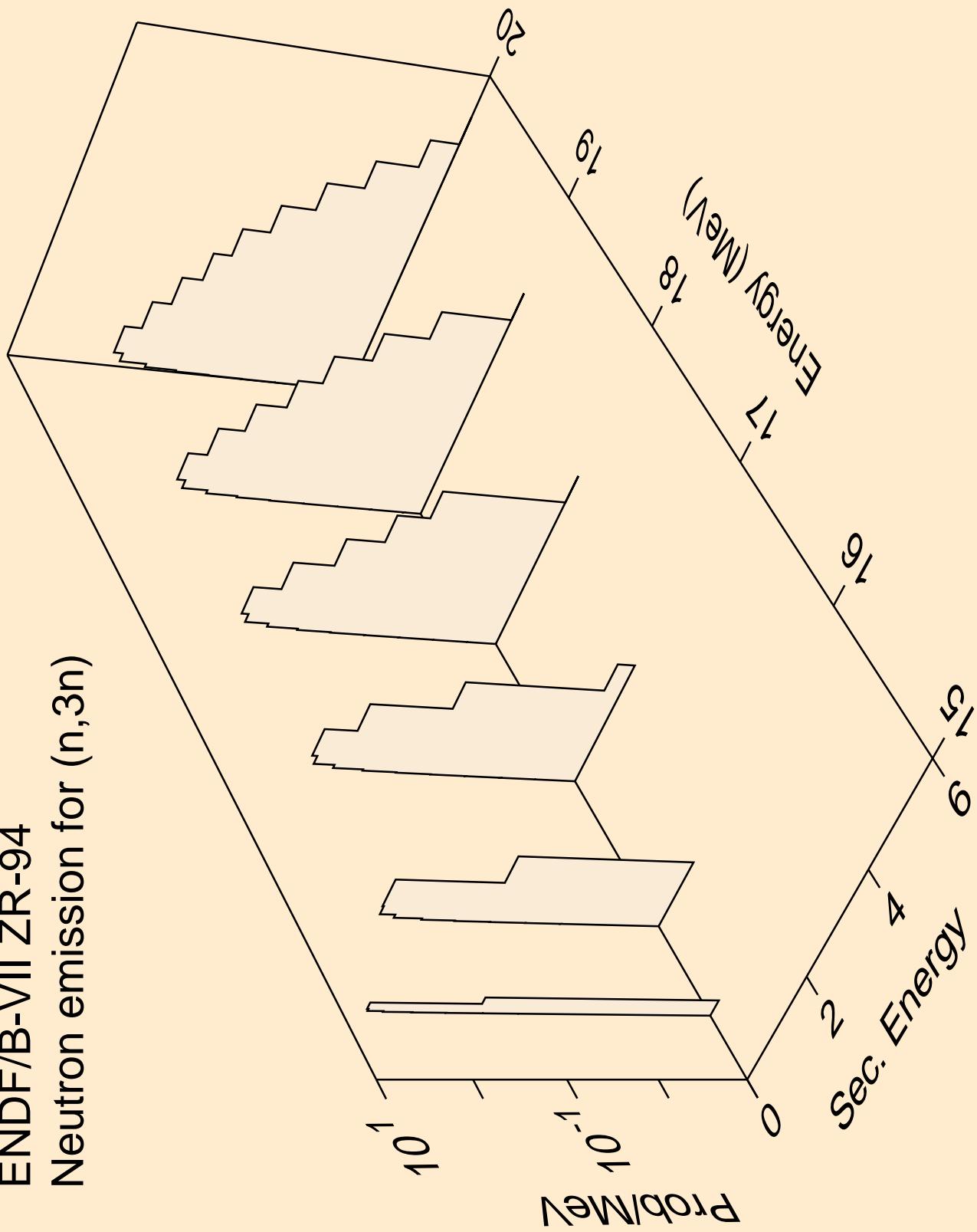
ENDF/B-VII ZR-94

Neutron emission for $(n,2n)$



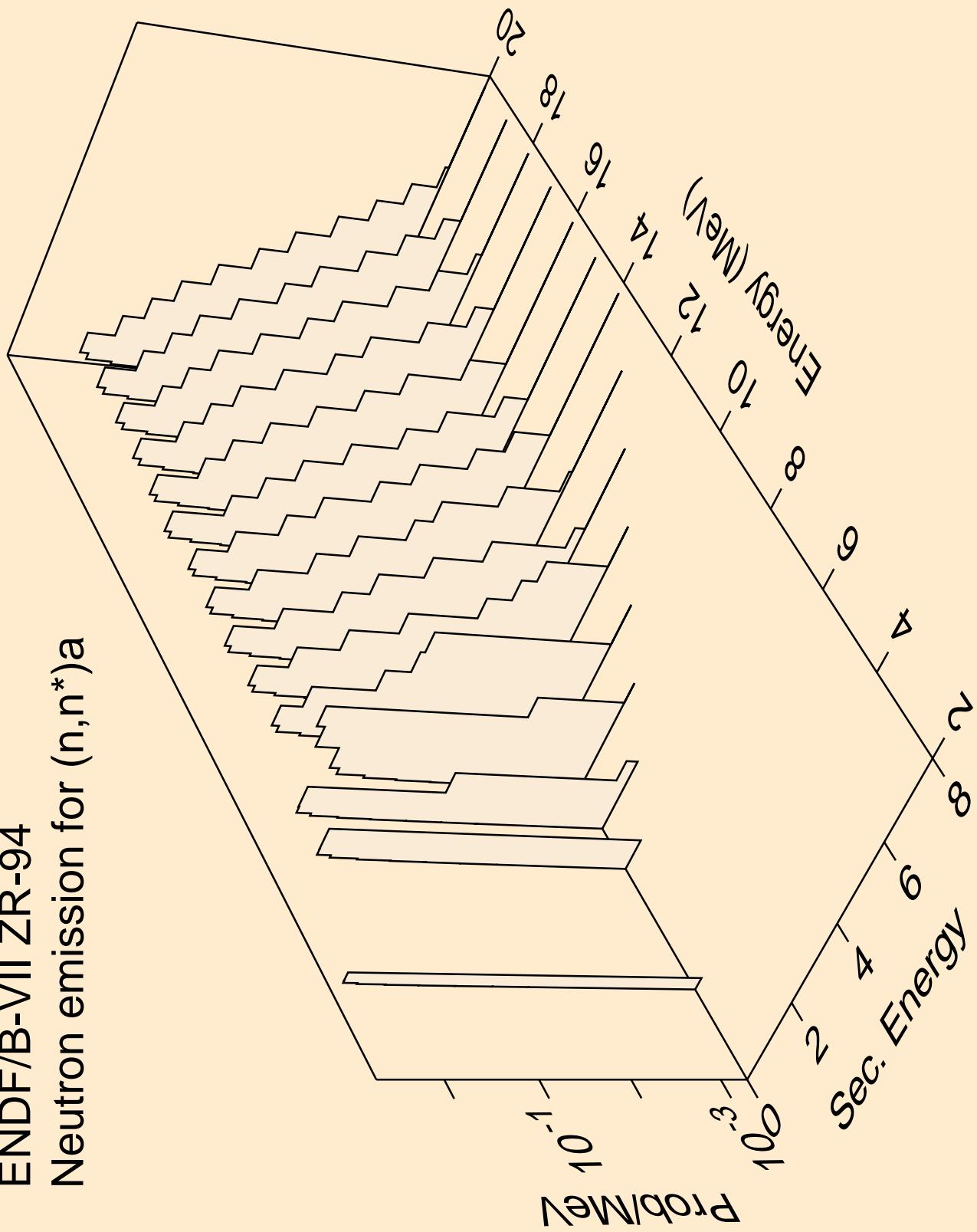
ENDF/B-VII ZR-94

Neutron emission for $(n, 3n)$



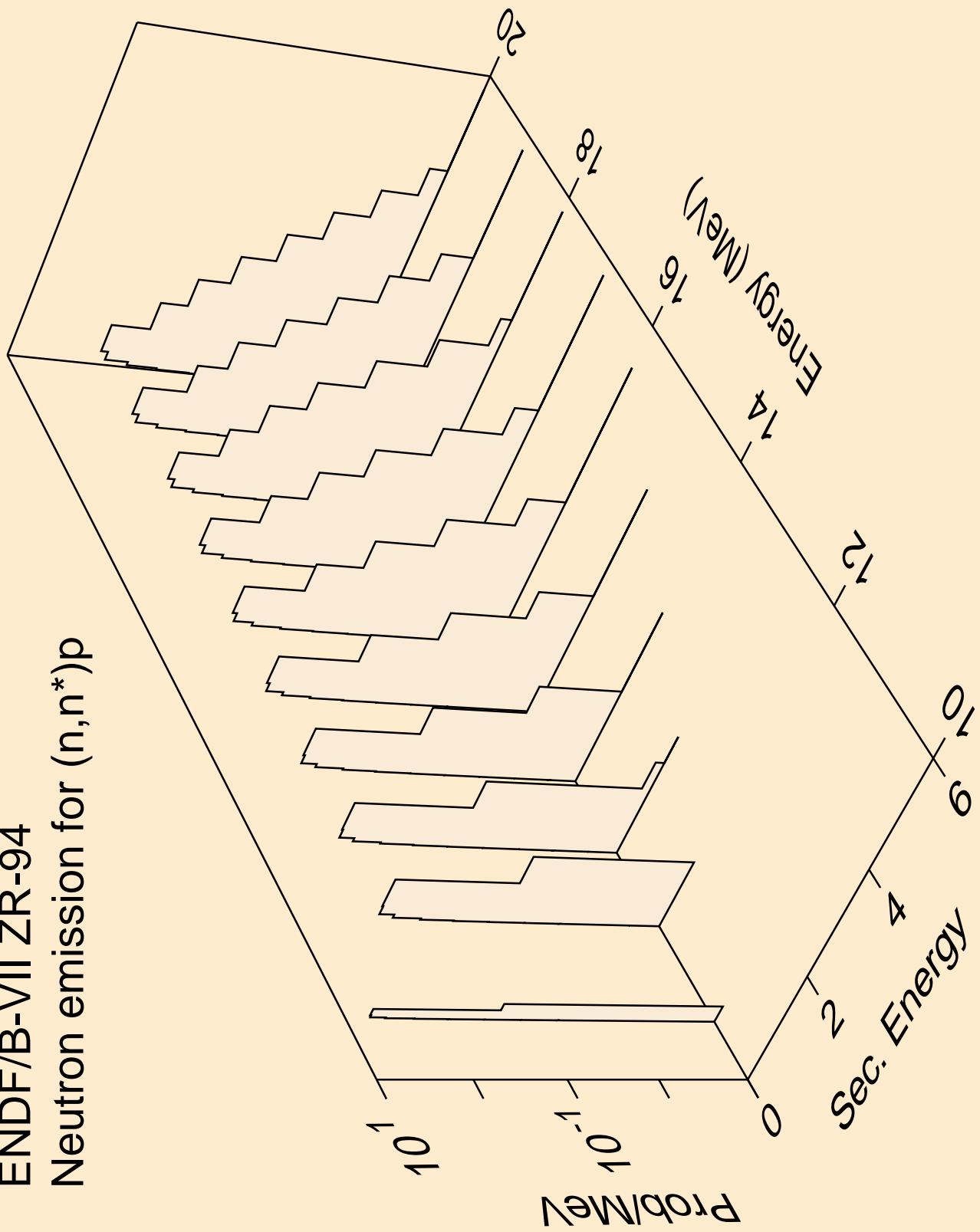
ENDF/B-VII ZR-94

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



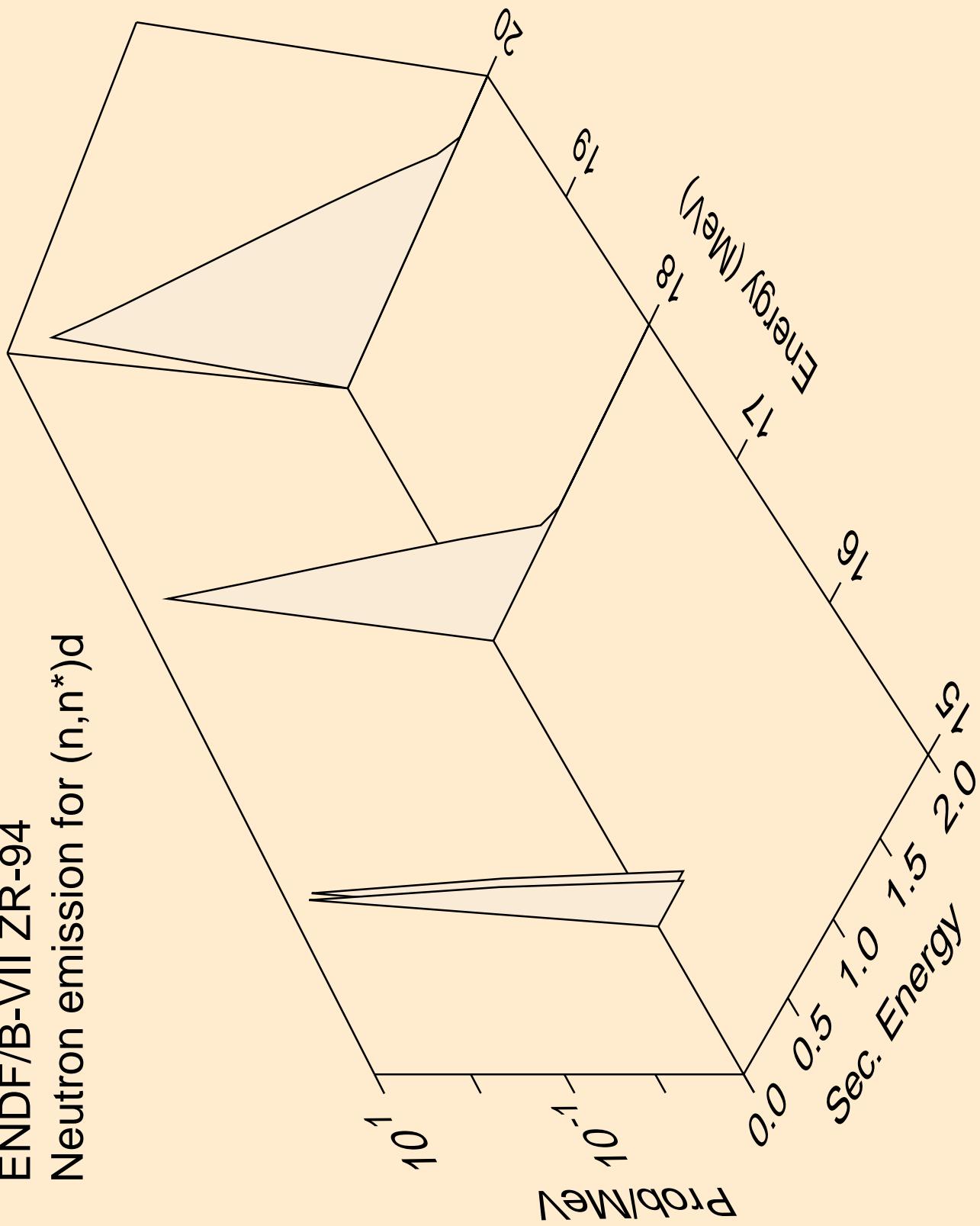
ENDF/B-VII ZR-94

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



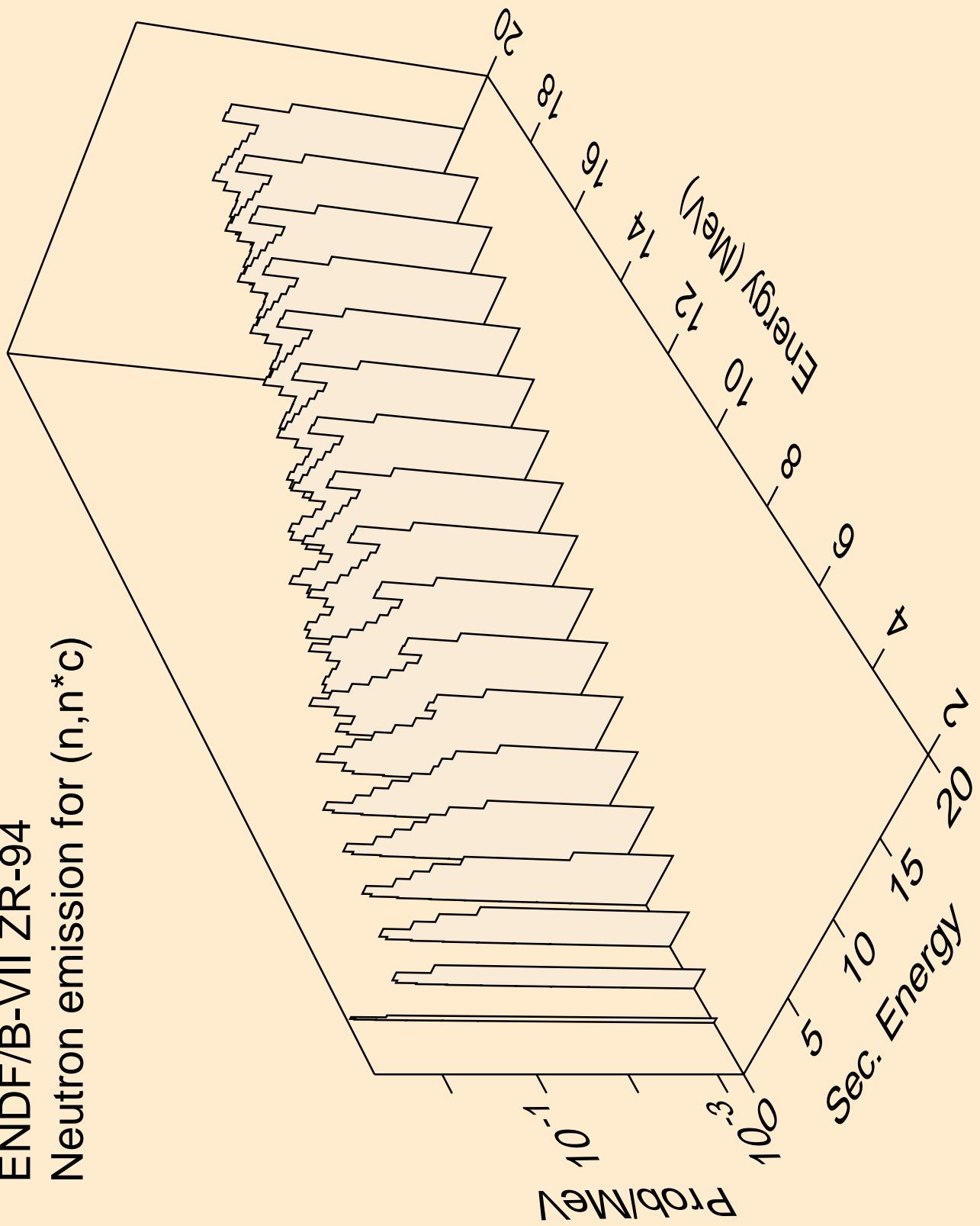
ENDF/B-VII ZR-94

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



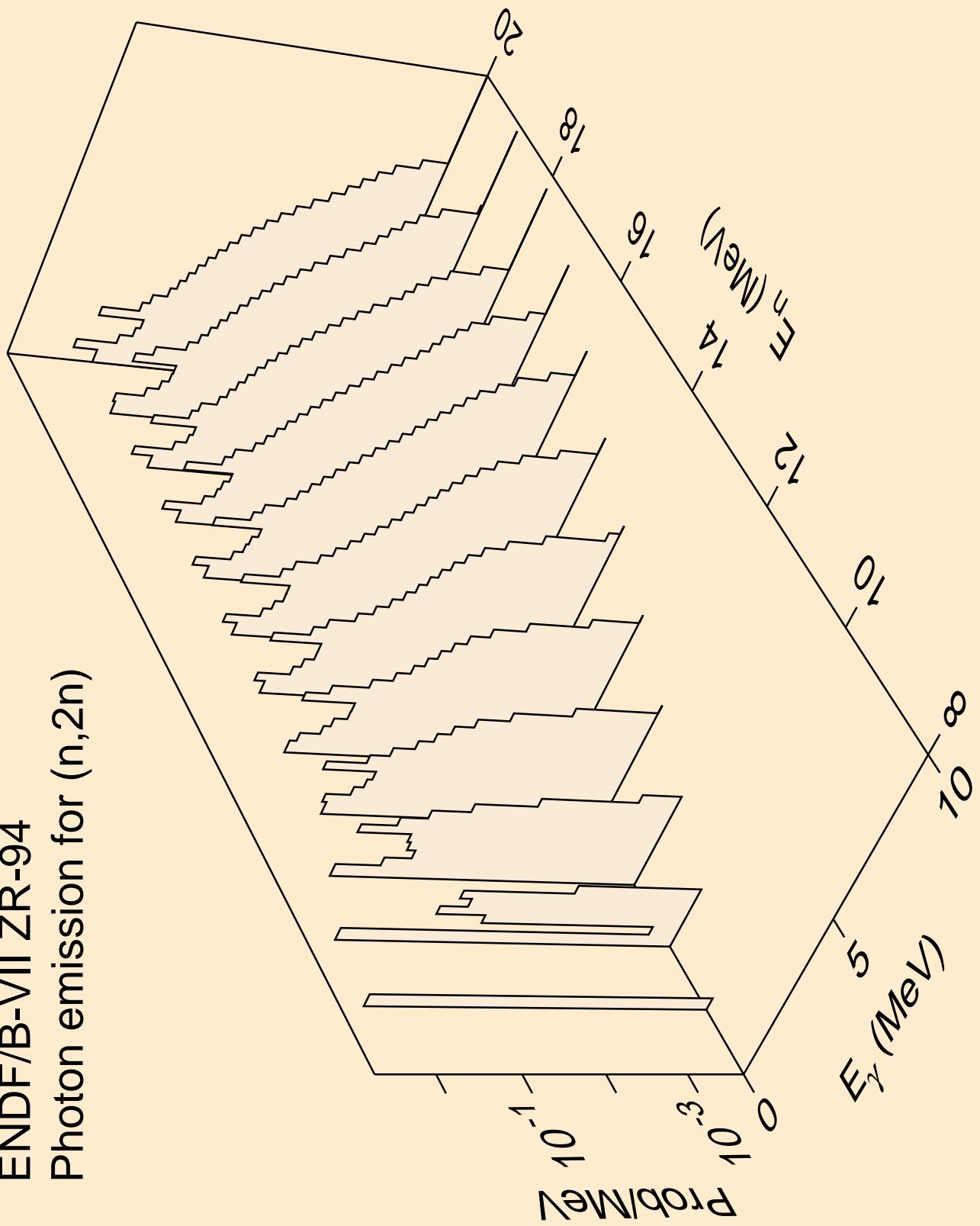
ENDF/B-VII ZR-94

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



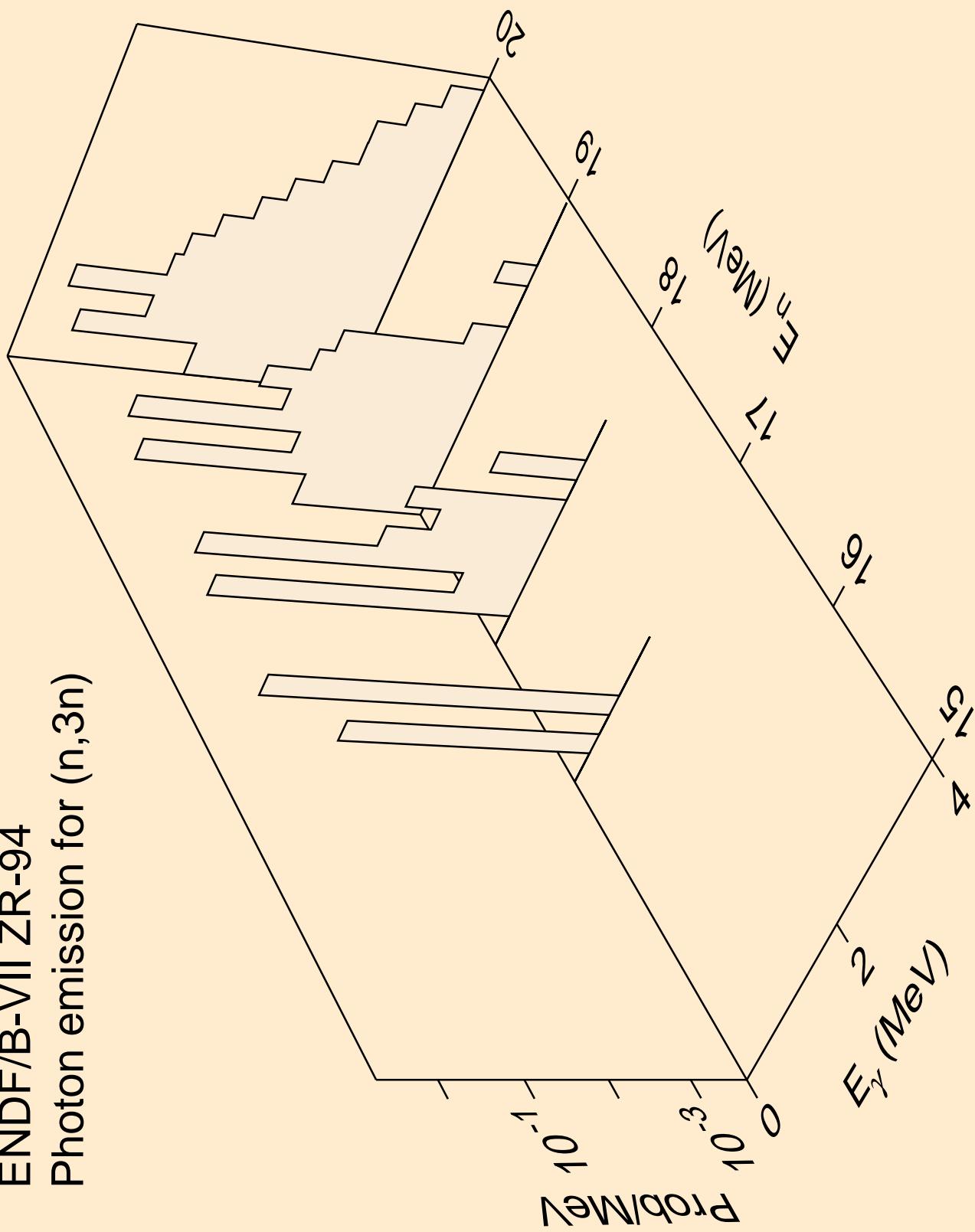
ENDF/B-VII ZR-94

Photon emission for $(n,2n)$



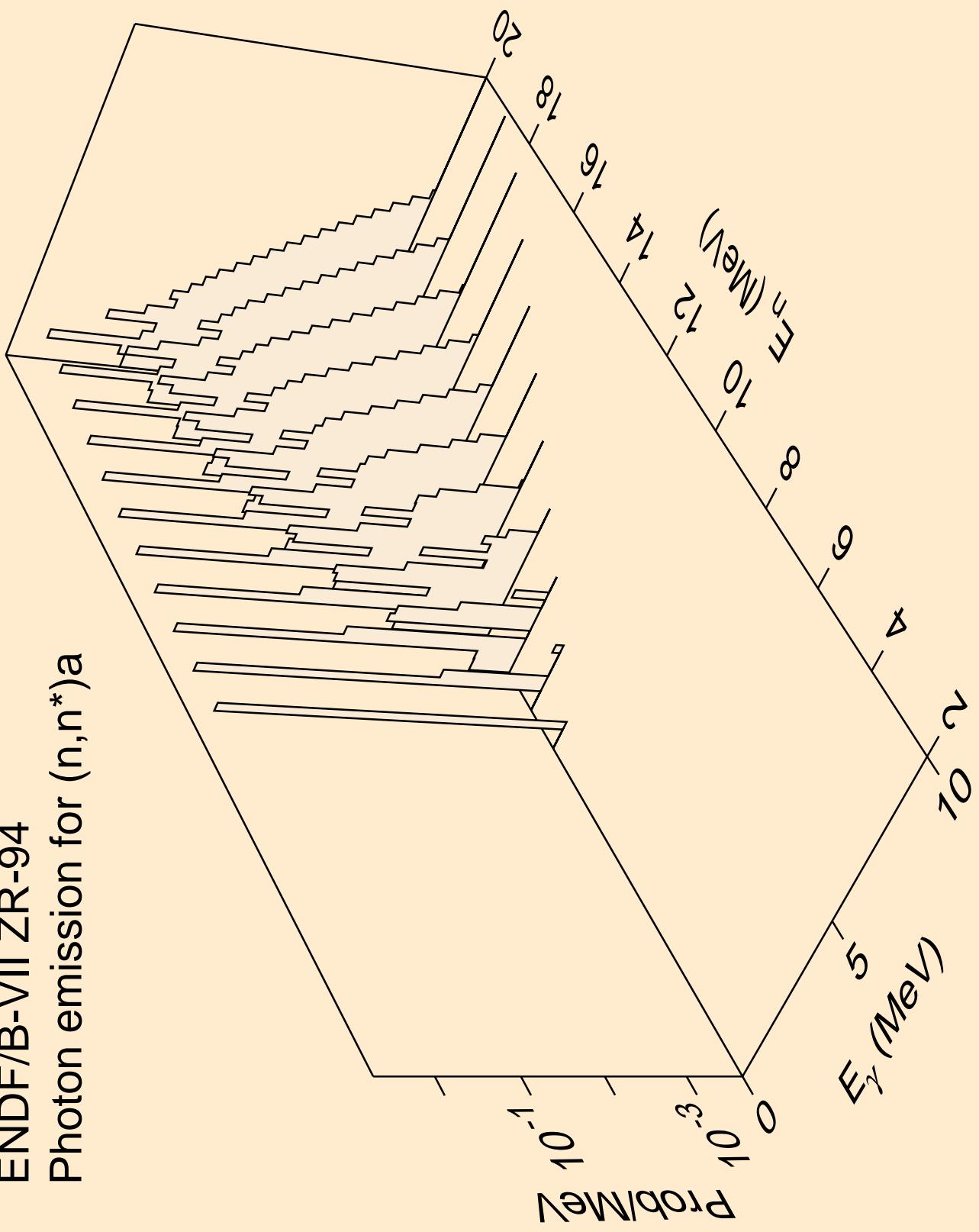
ENDF/B-VII ZR-94

Photon emission for ($n,3n$)



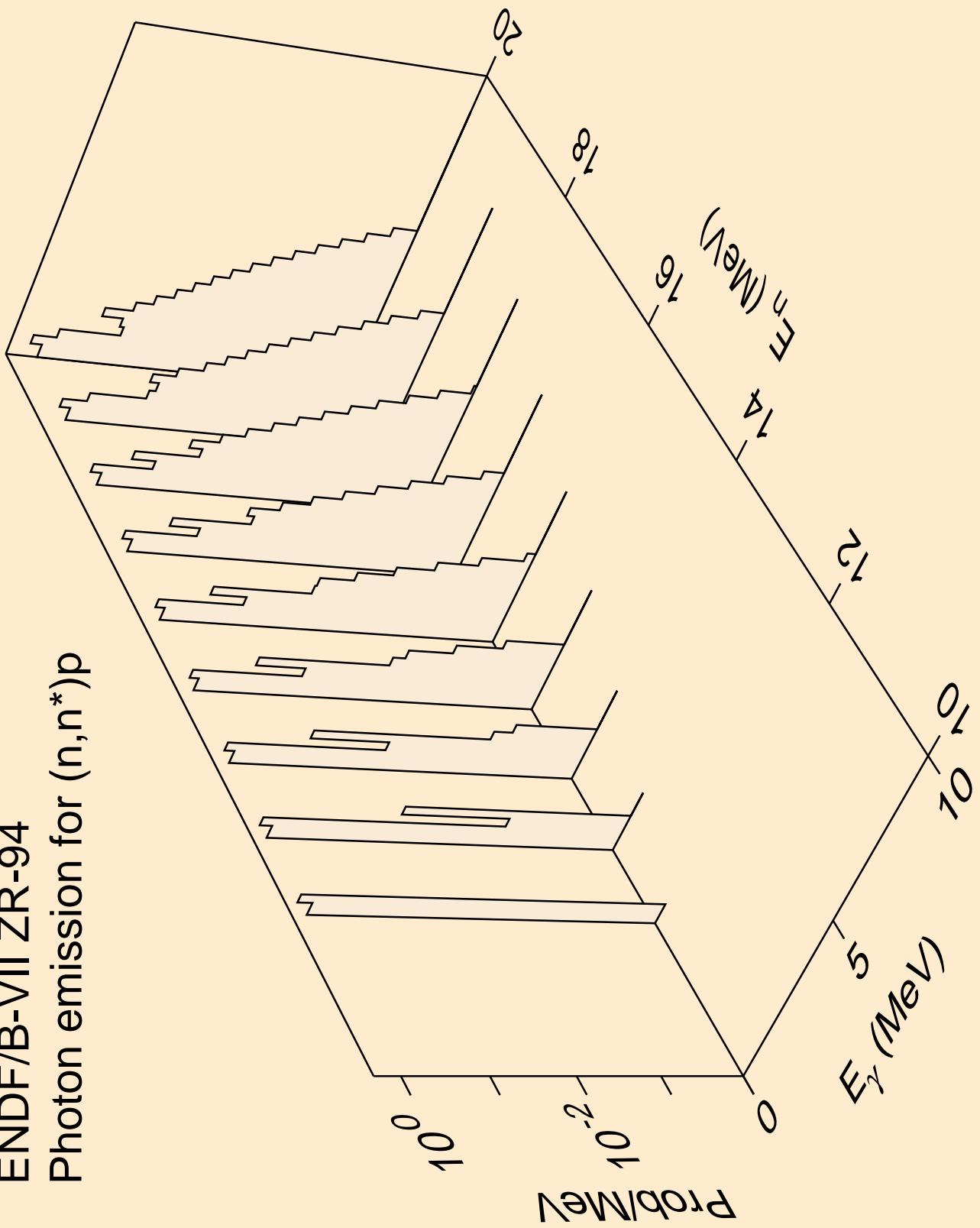
ENDF/B-VII ZR-94

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



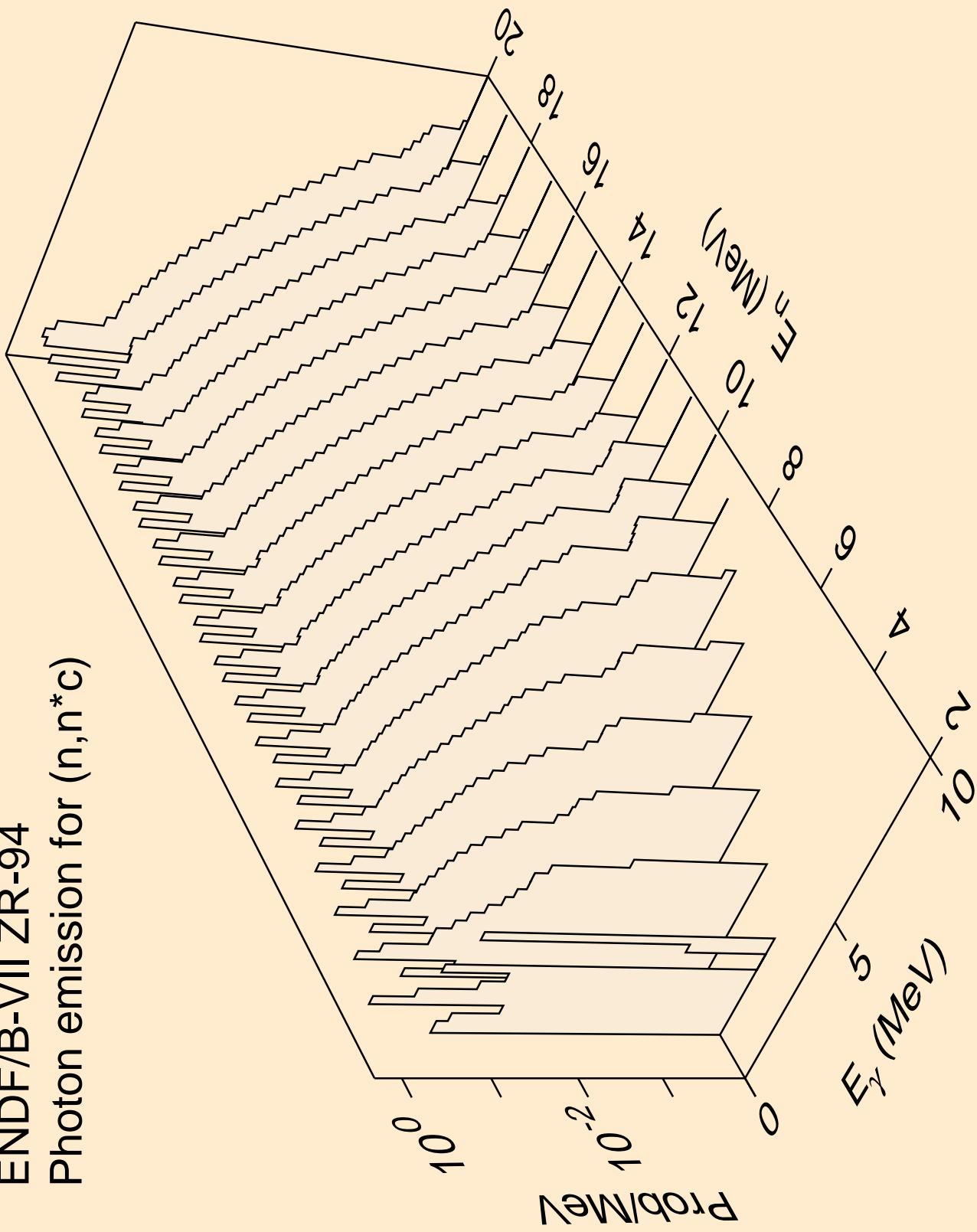
ENDF/B-VII ZR-94

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



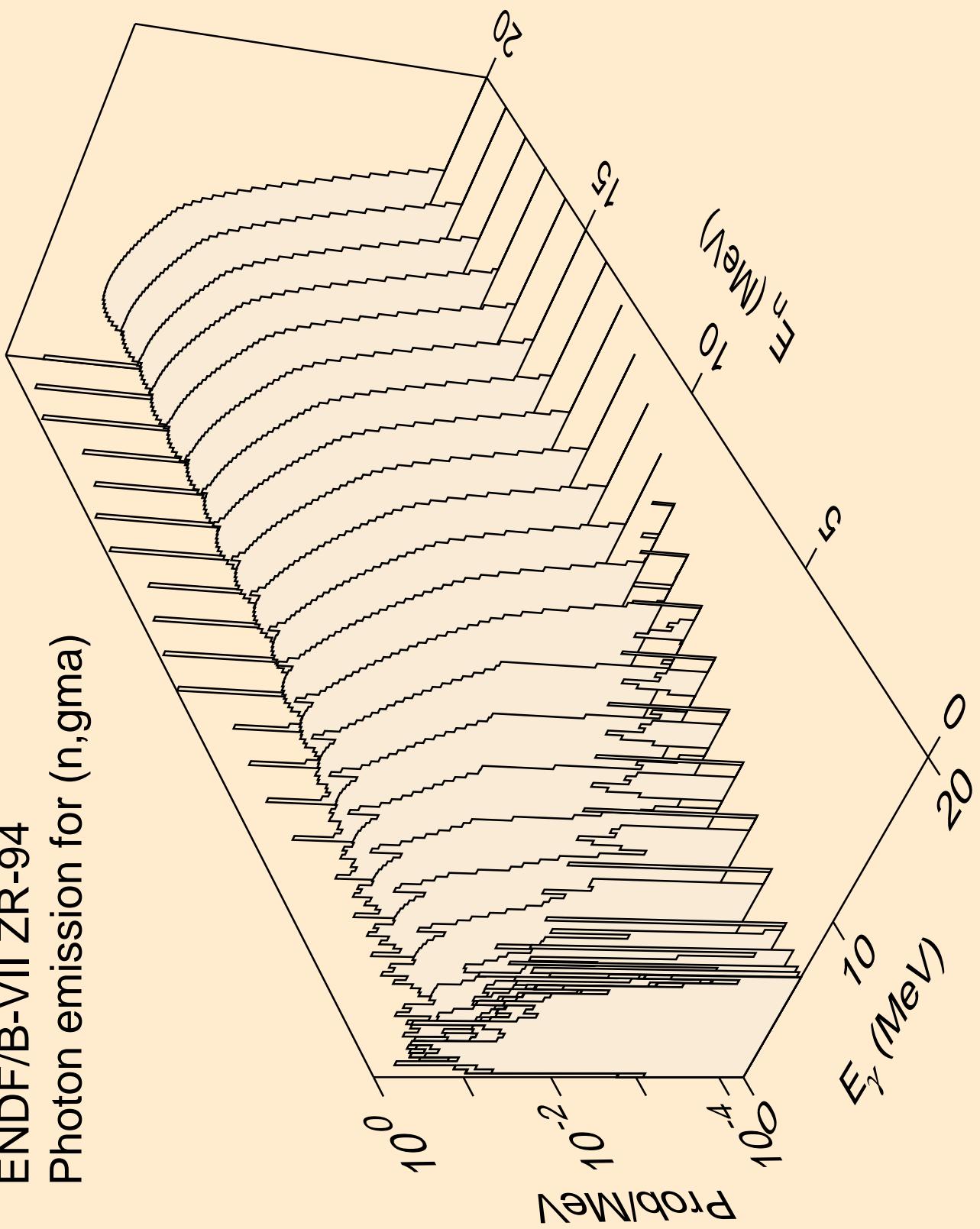
ENDF/B-VII ZR-94

Photon emission for (n, n^*c)

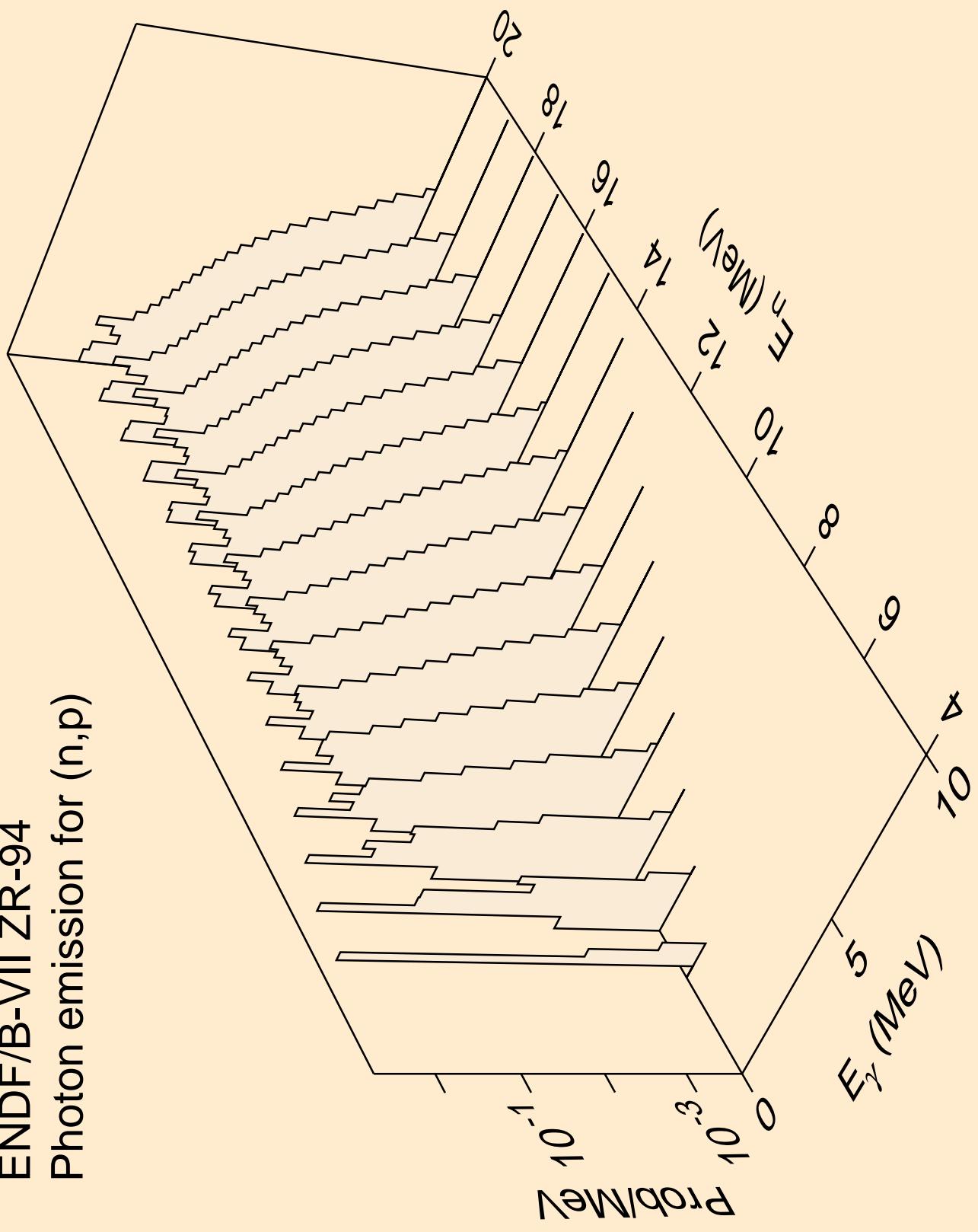


ENDF/B-VII ZR-94

Photon emission for (n, γ)

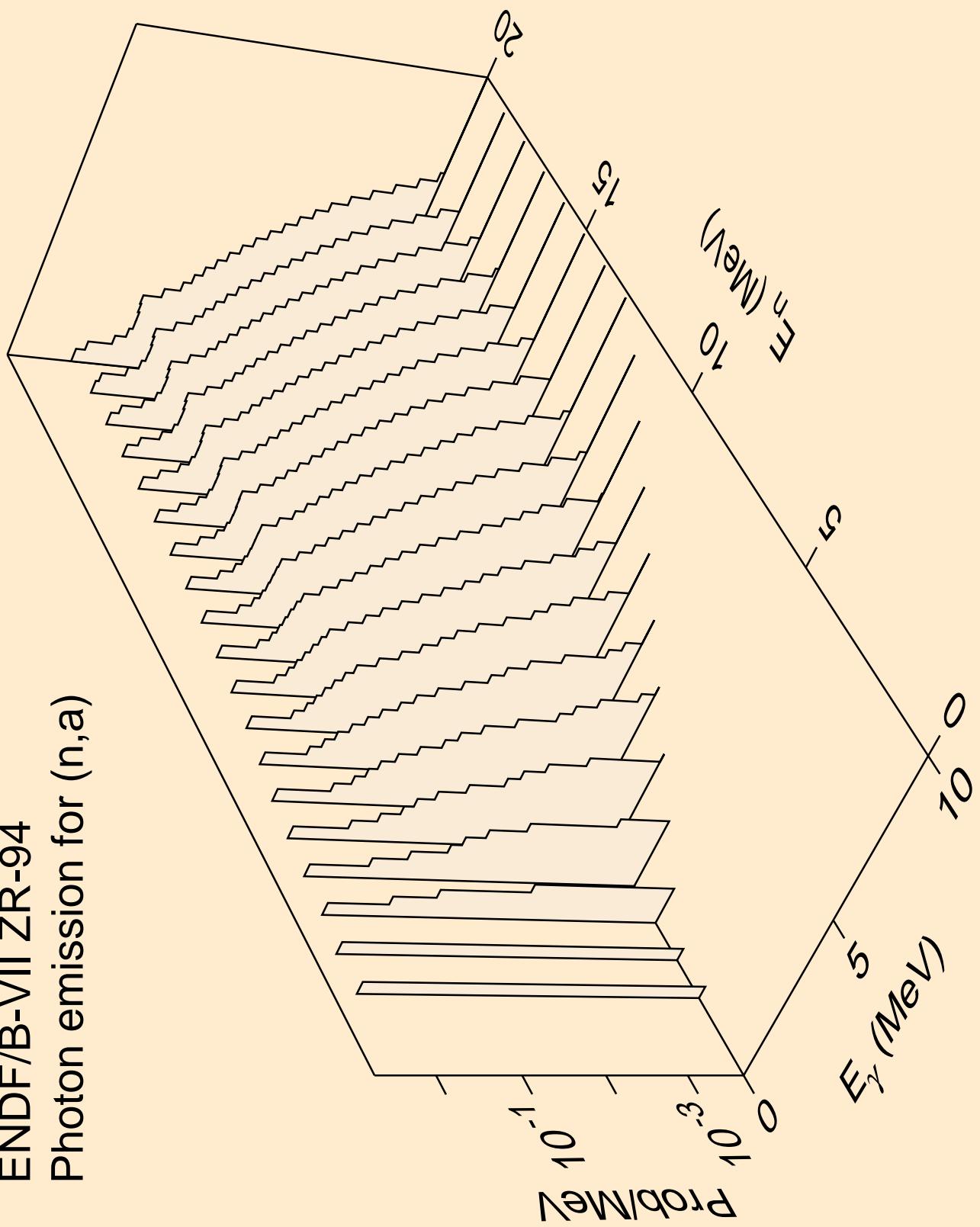


ENDF/B-VII ZR-94
Photon emission for (n, p)

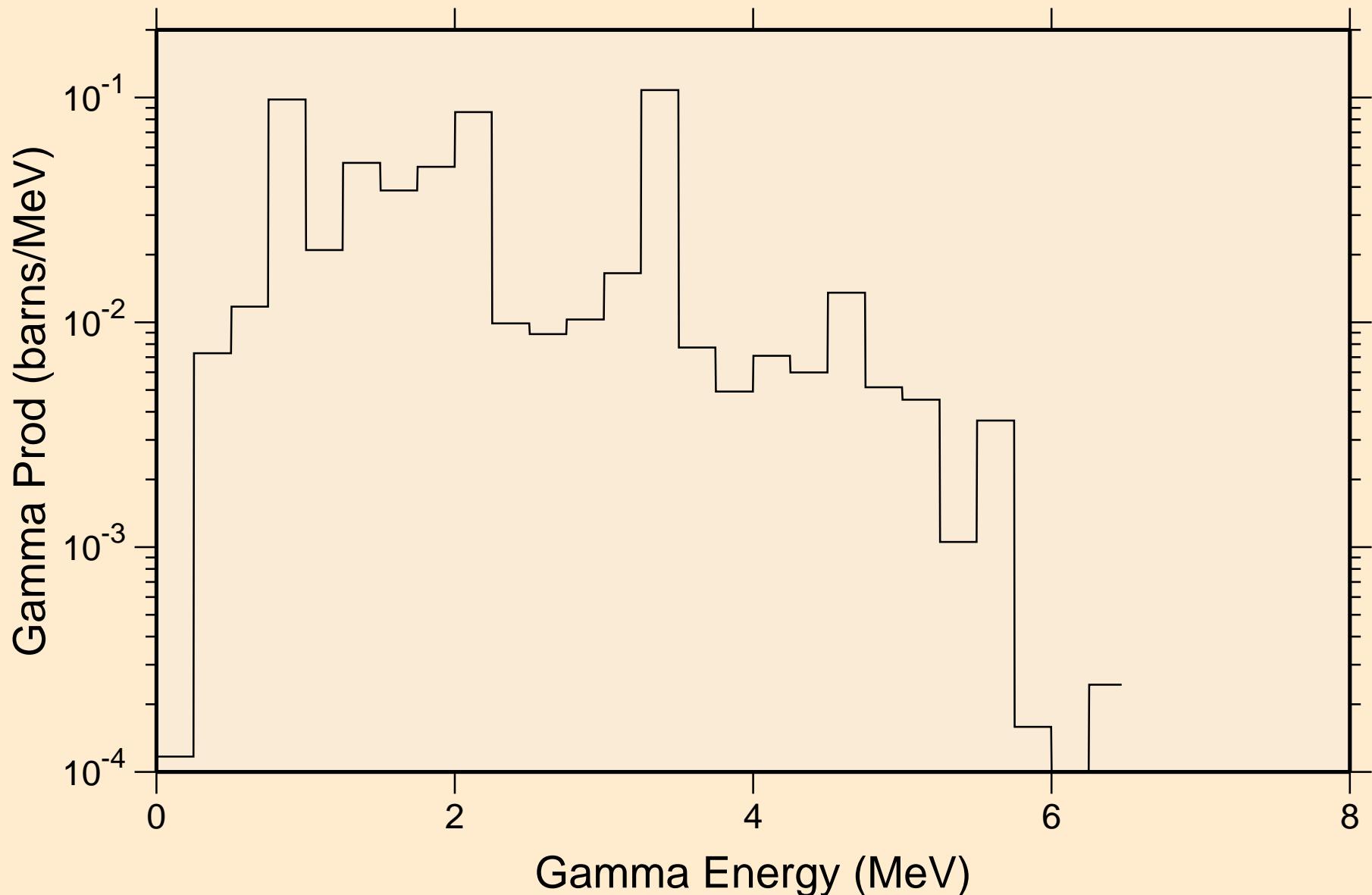


ENDF/B-VII ZR-94

Photon emission for (n, α)



ENDF/B-VII ZR-94
thermal capture photon spectrum



ENDF/B-VII ZR-94
14 MeV photon spectrum

