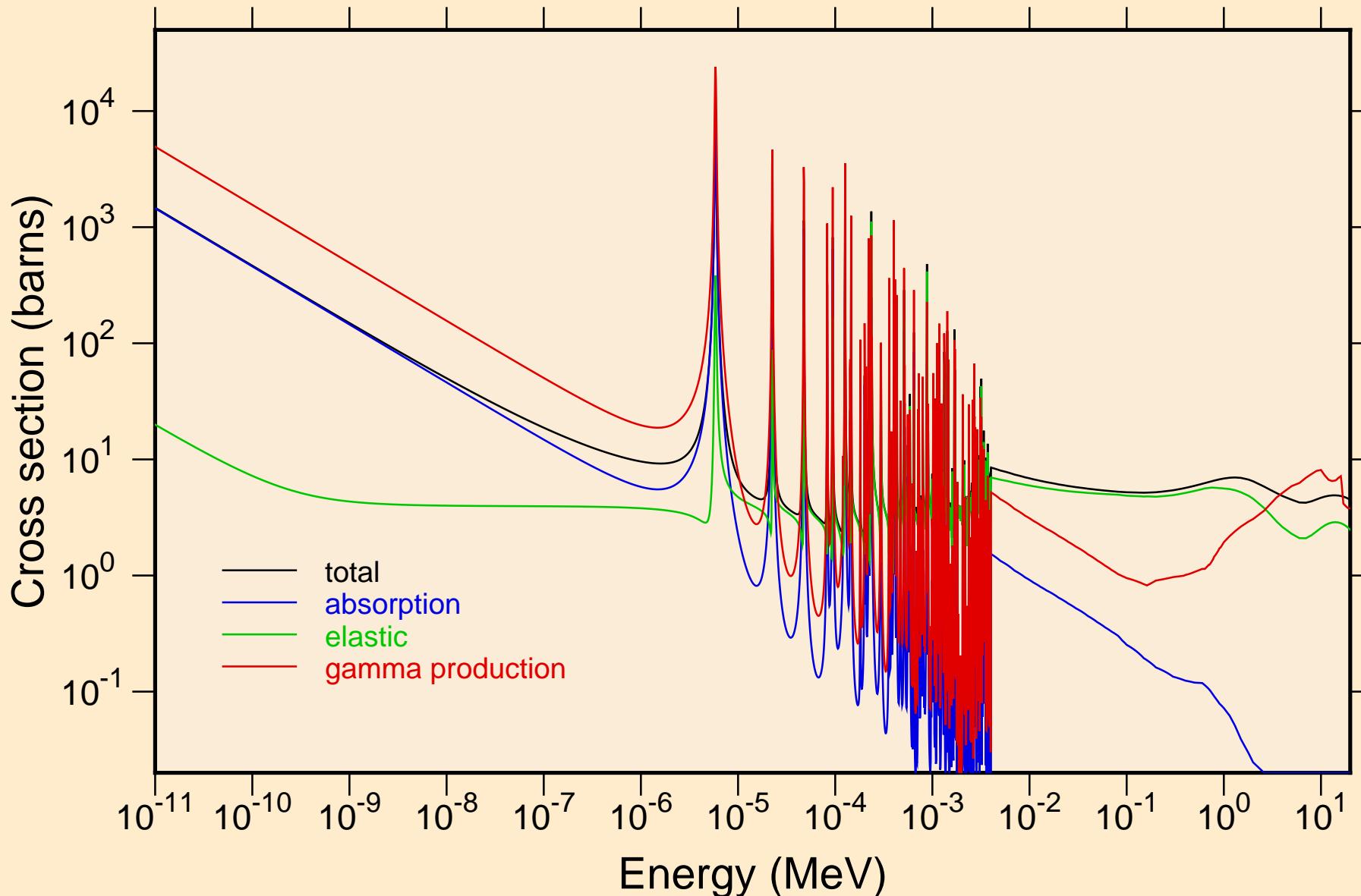
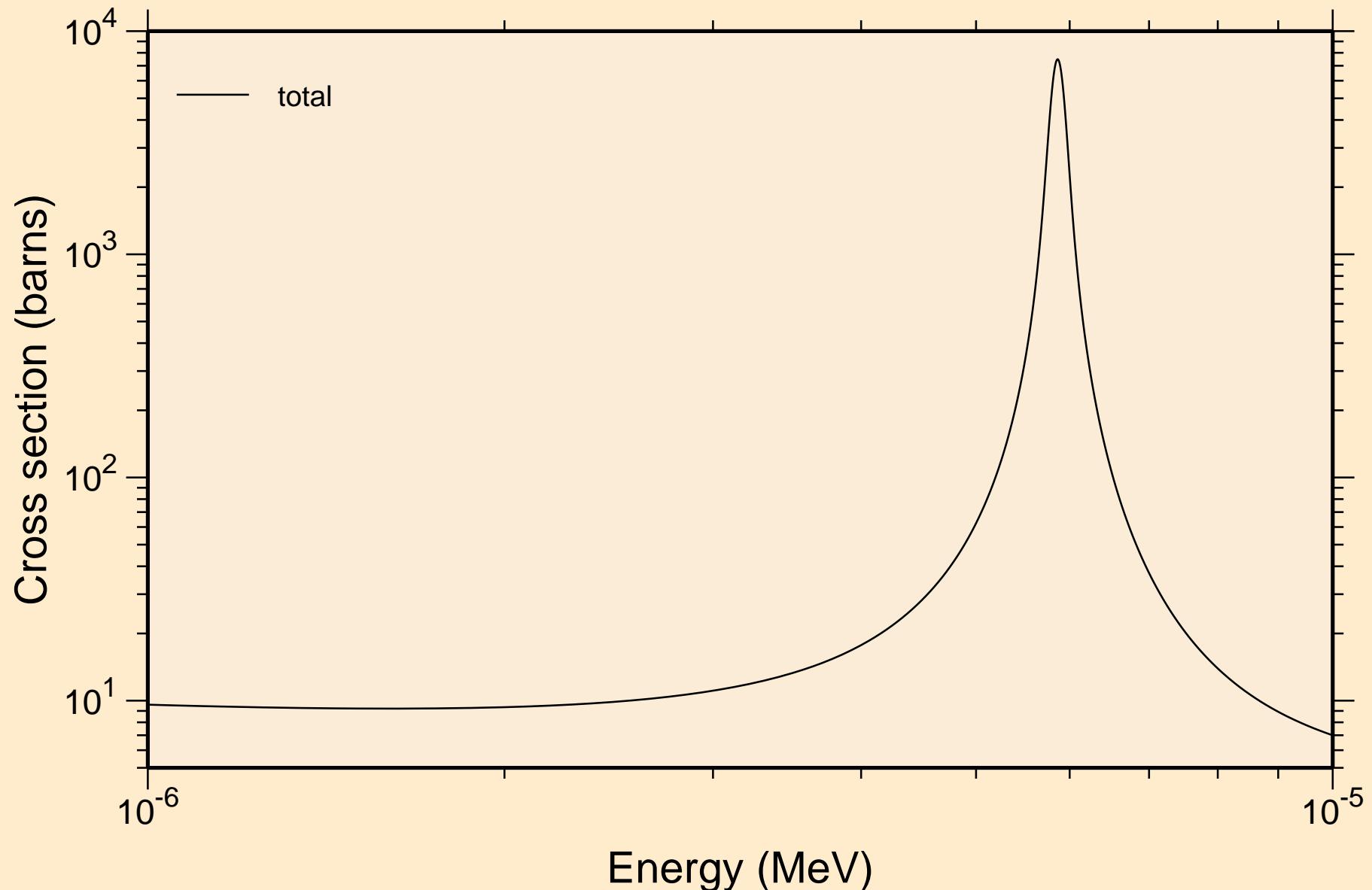


ENDF/B-VII CS-133

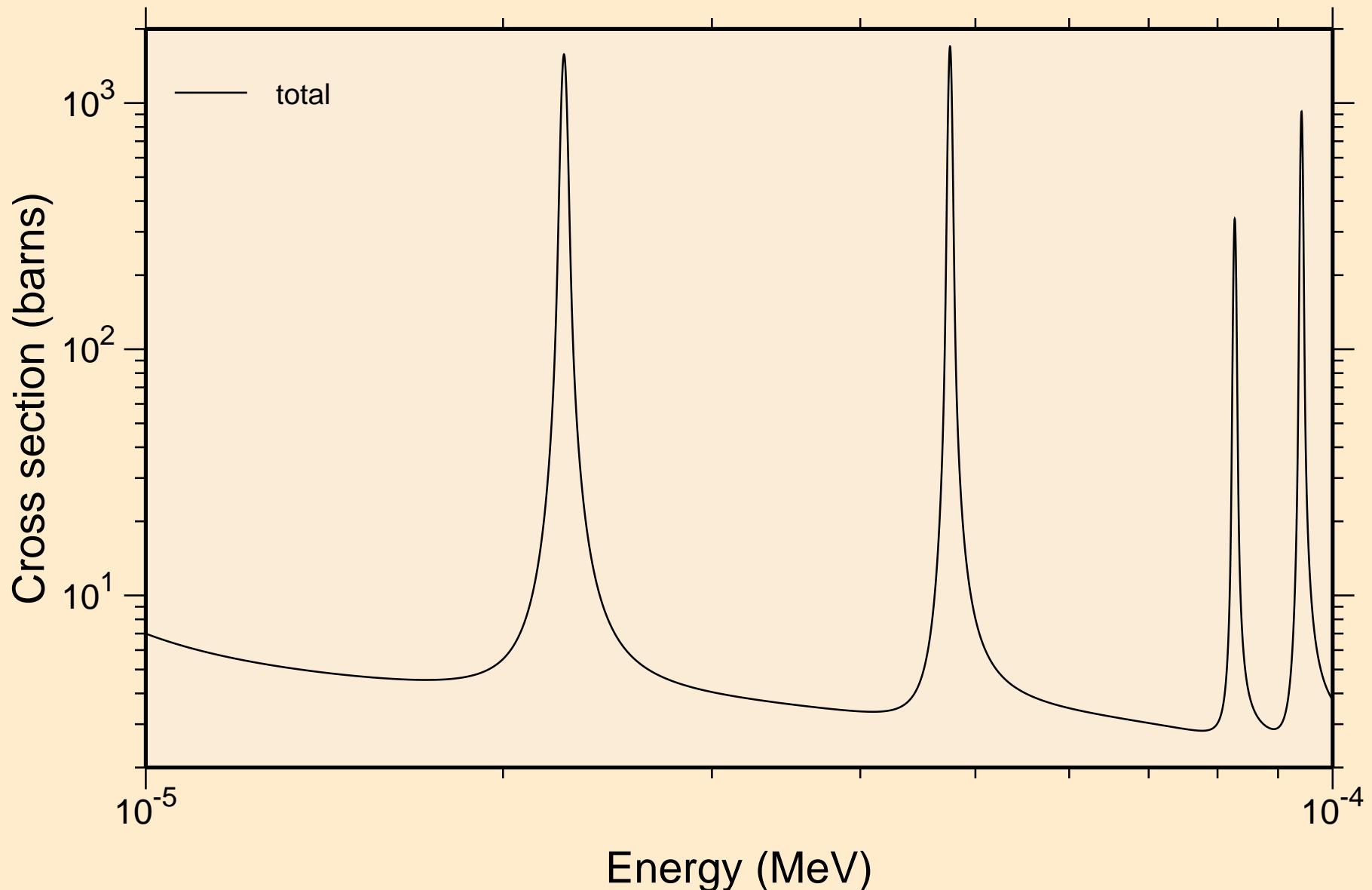
Principal cross sections



ENDF/B-VII CS-133
resonance total cross section

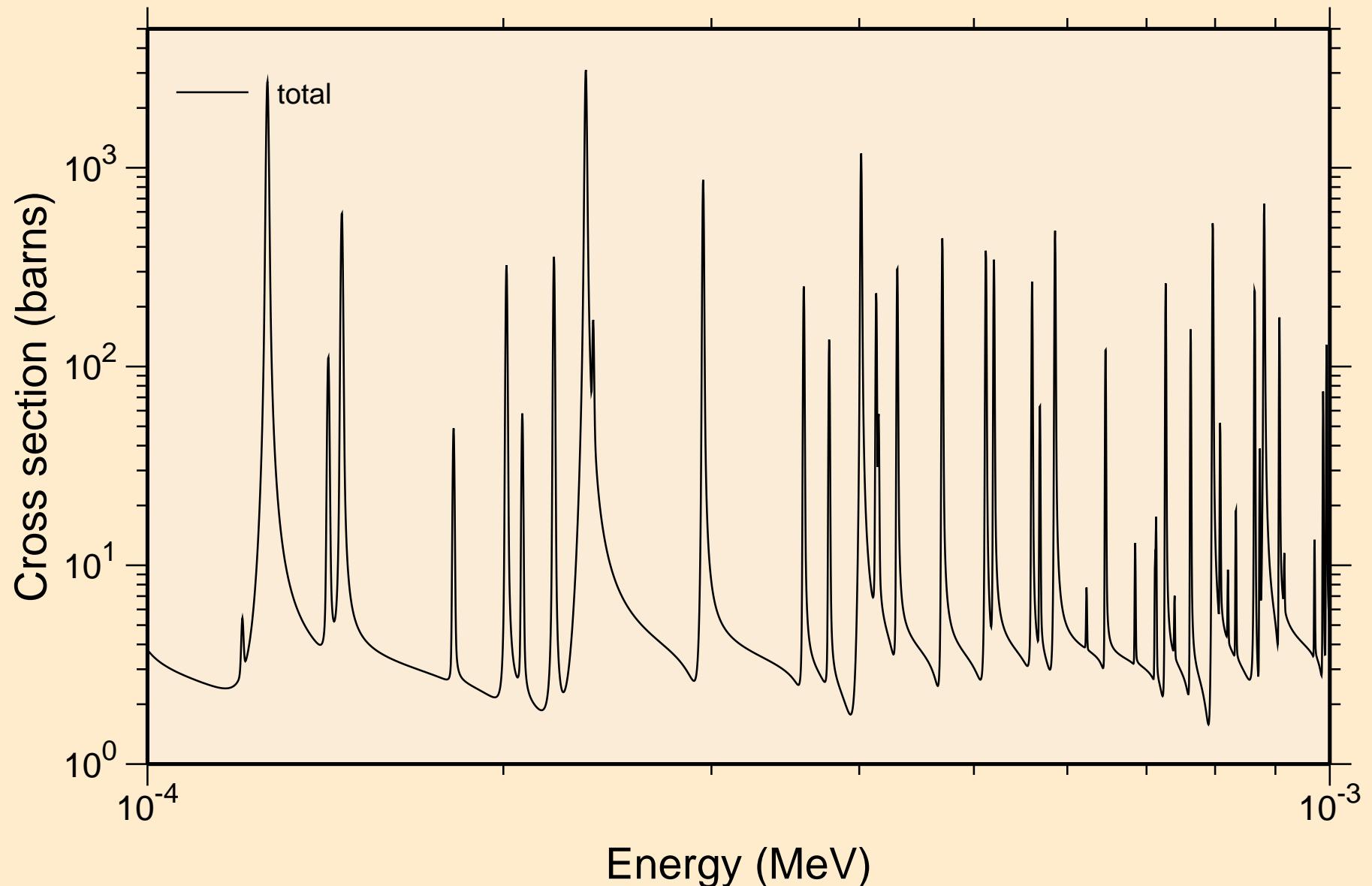


ENDF/B-VII CS-133
resonance total cross section



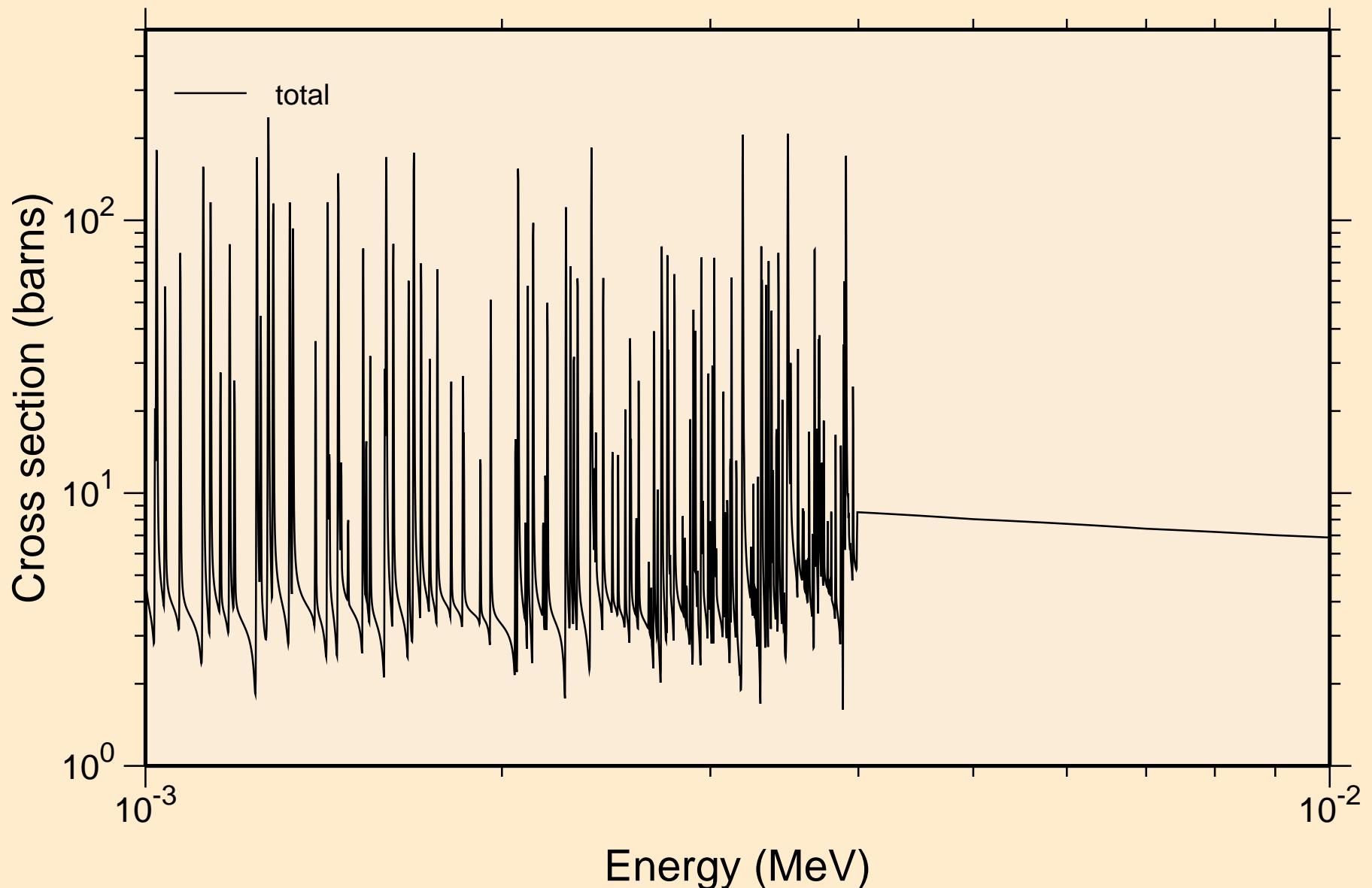
ENDF/B-VII CS-133

resonance total cross section



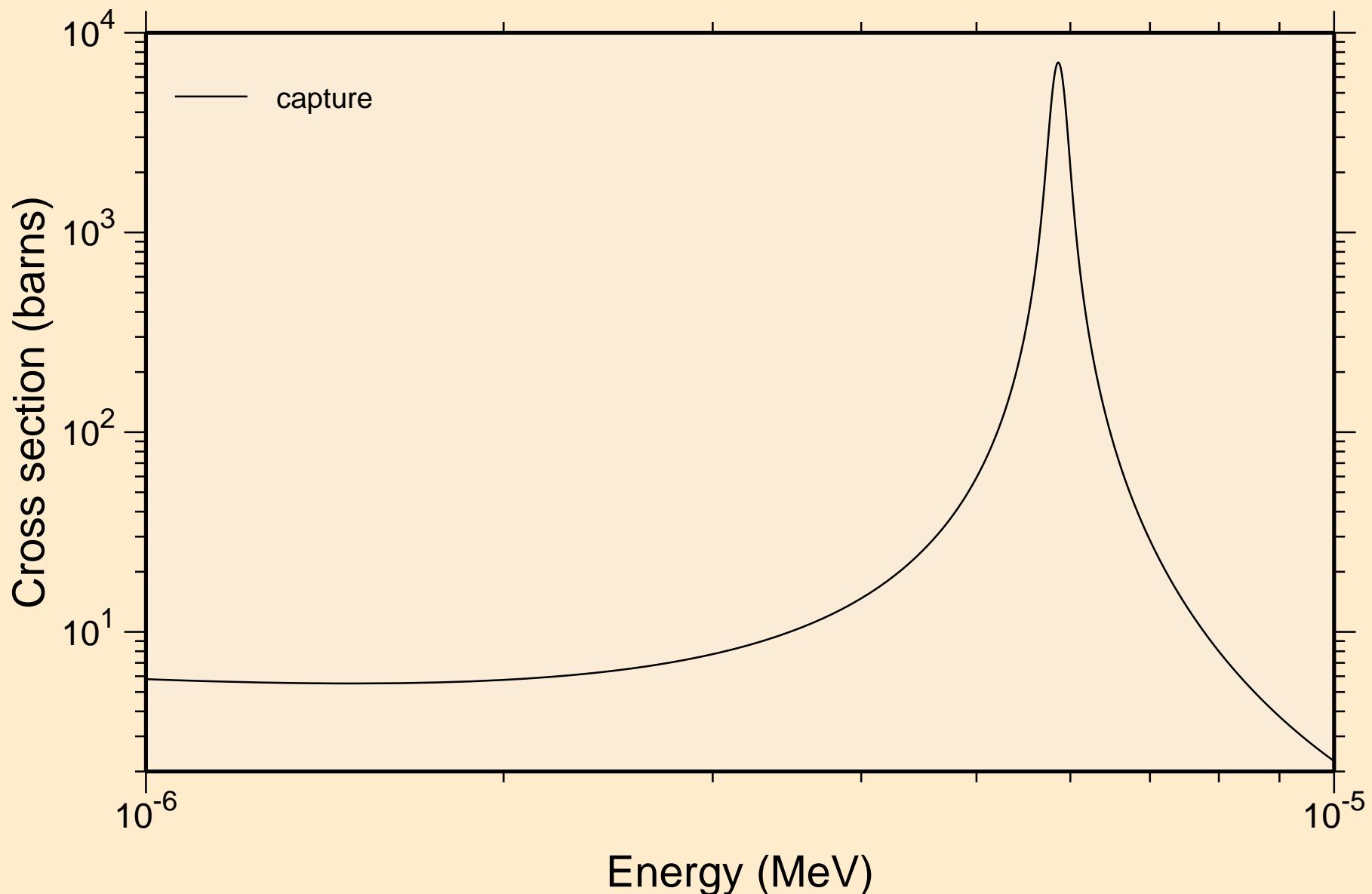
ENDF/B-VII CS-133

resonance total cross section

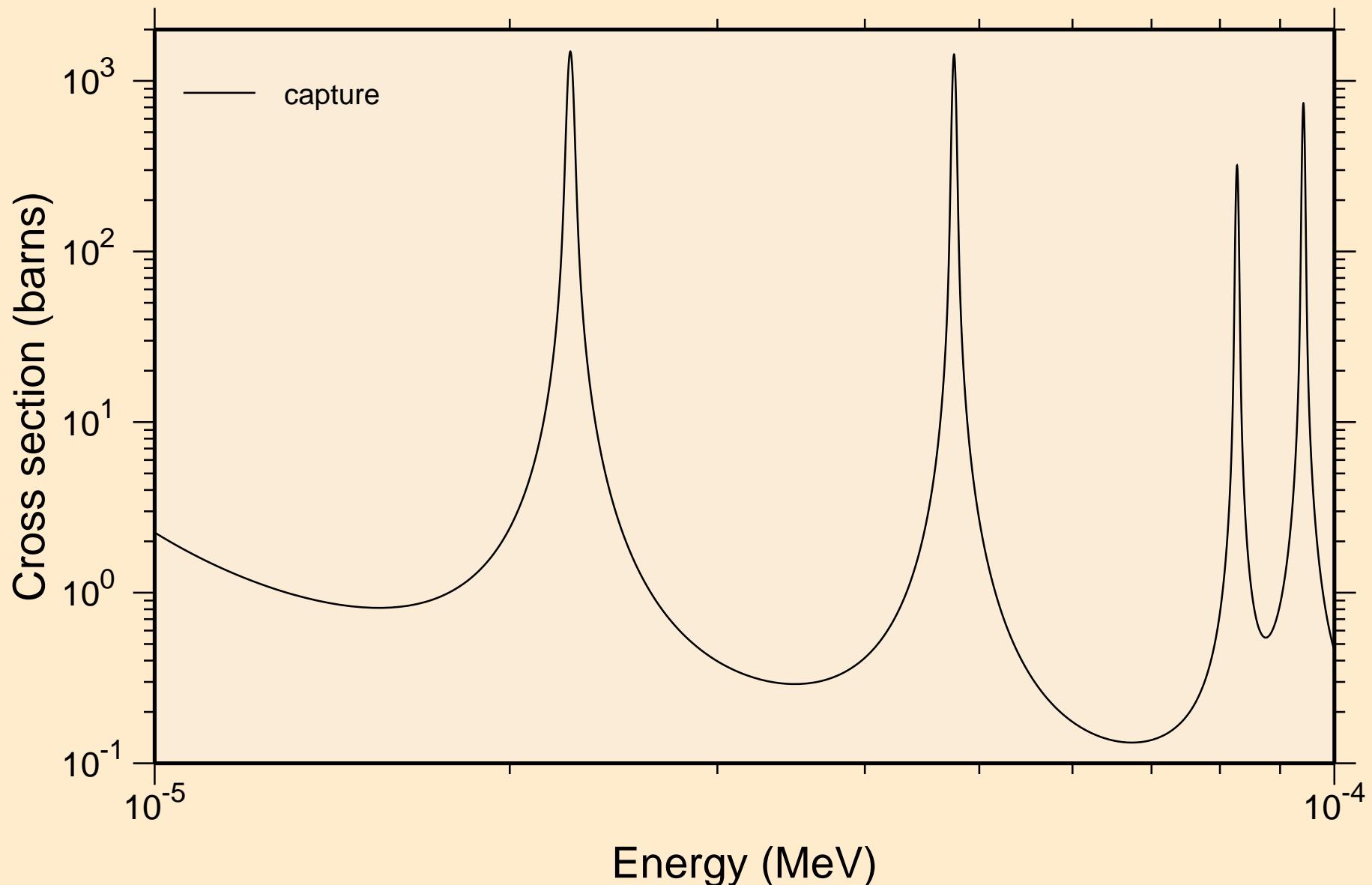


ENDF/B-VII CS-133

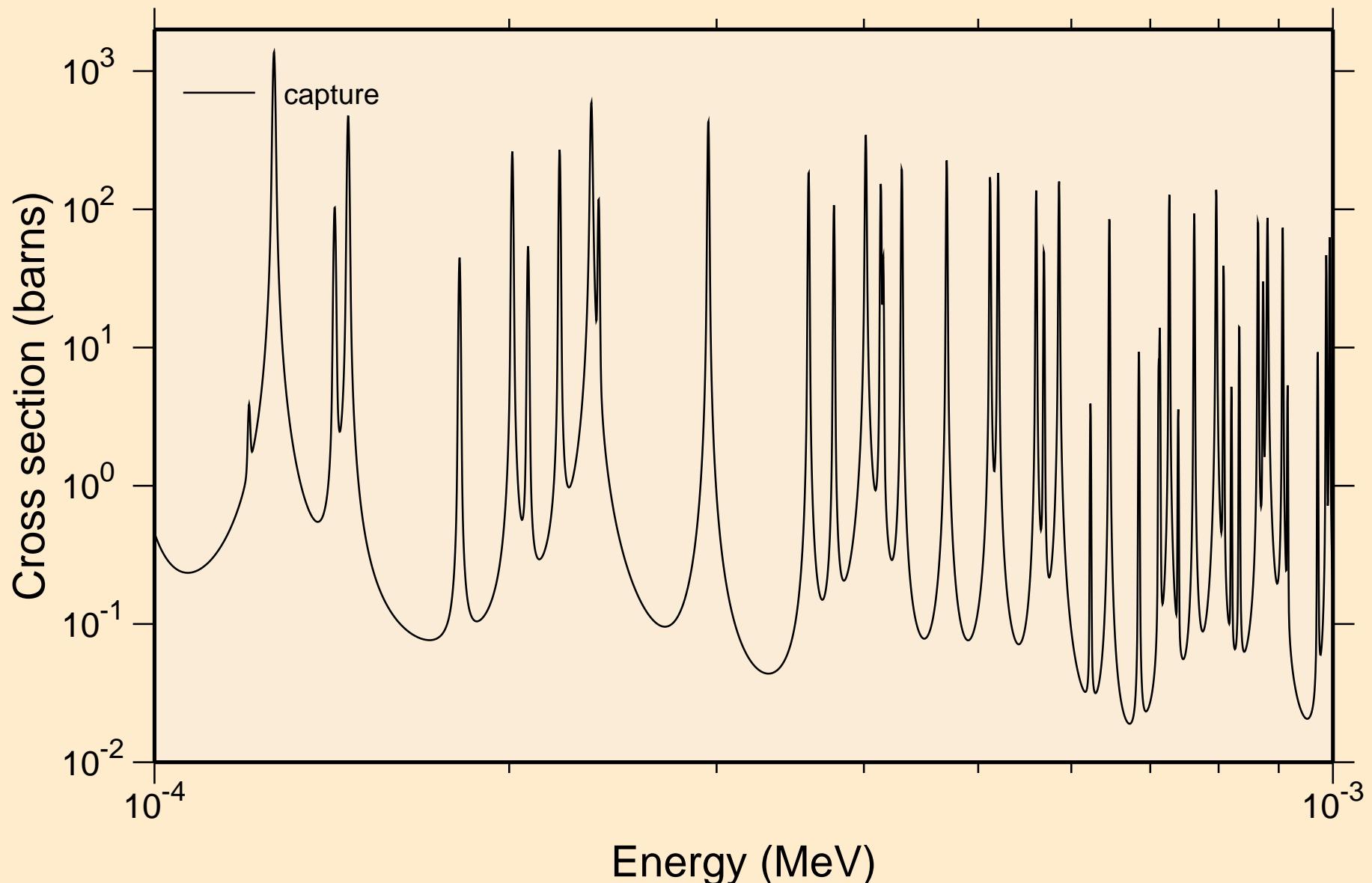
resonance absorption cross sections



ENDF/B-VII CS-133 resonance absorption cross sections

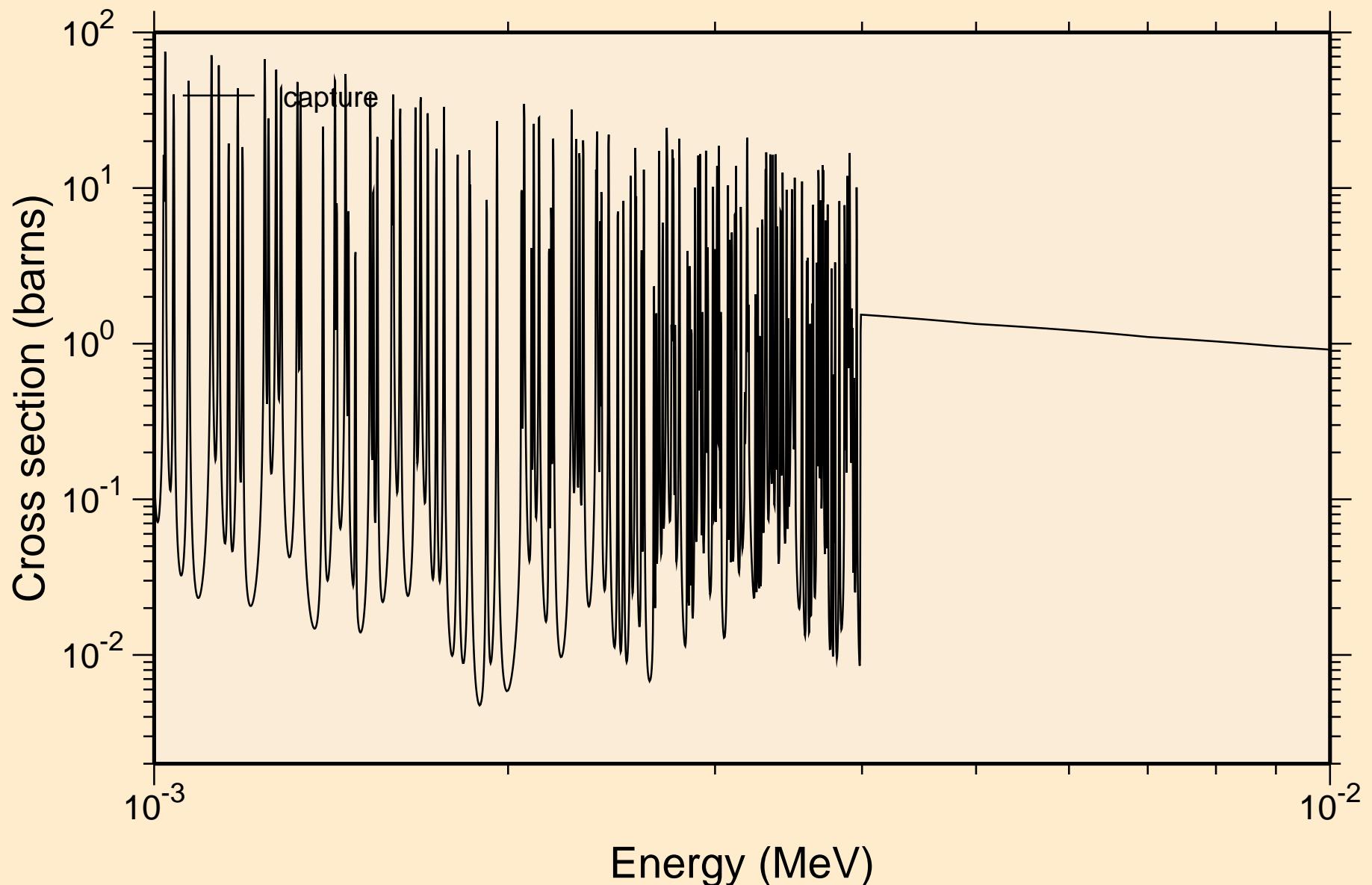


ENDF/B-VII CS-133 resonance absorption cross sections



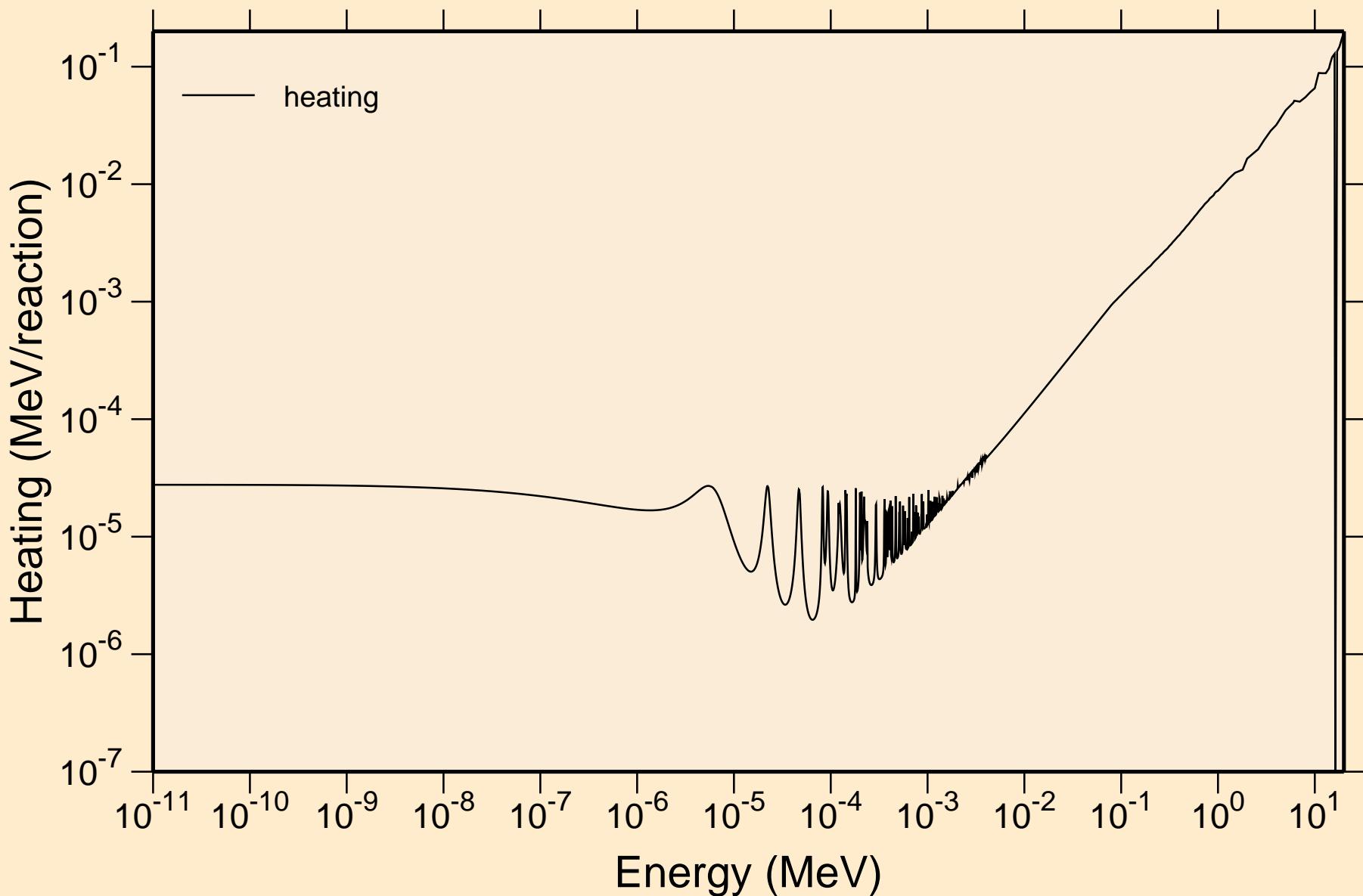
ENDF/B-VII CS-133

resonance absorption cross sections



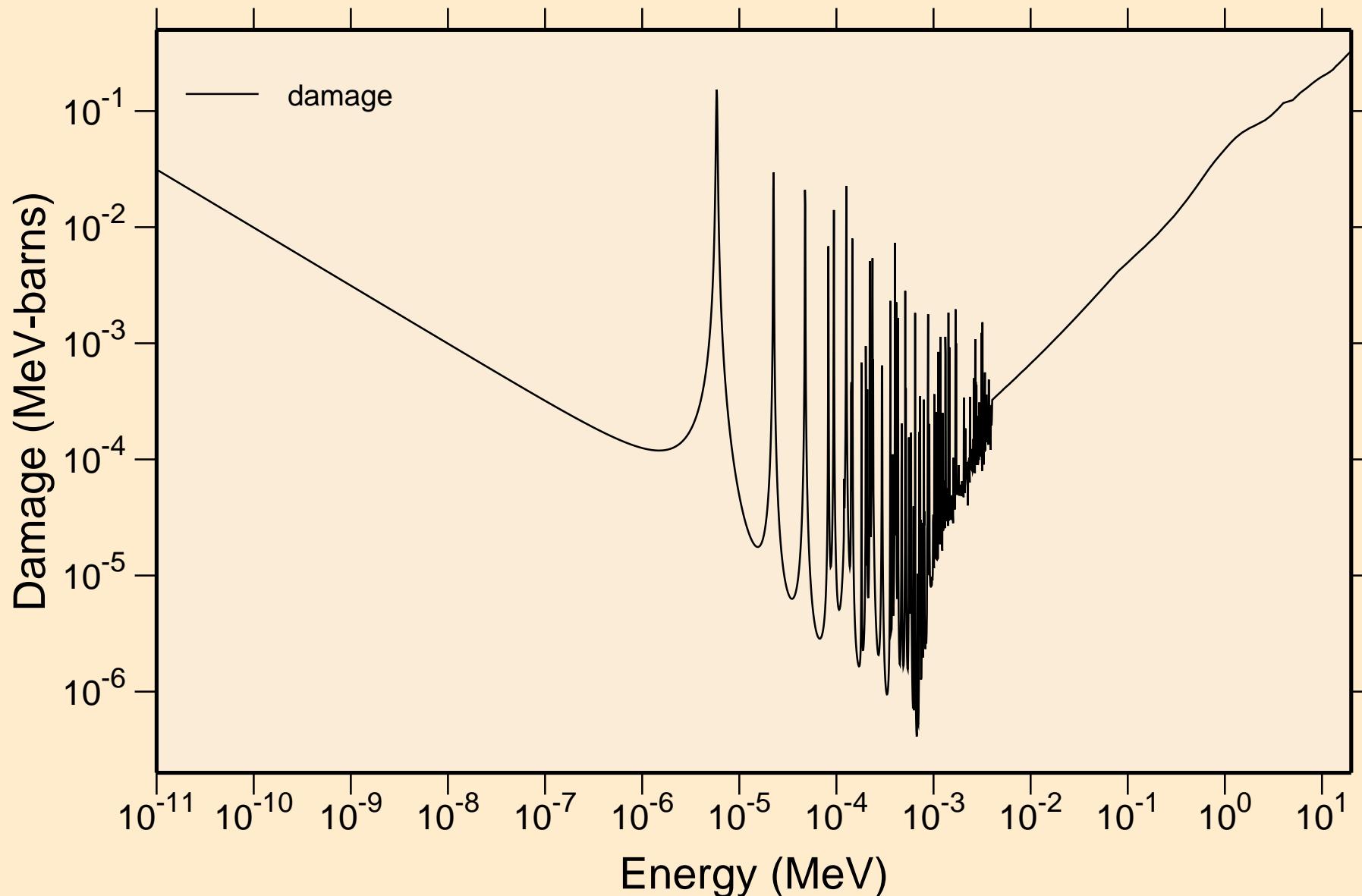
ENDF/B-VII CS-133

Heating



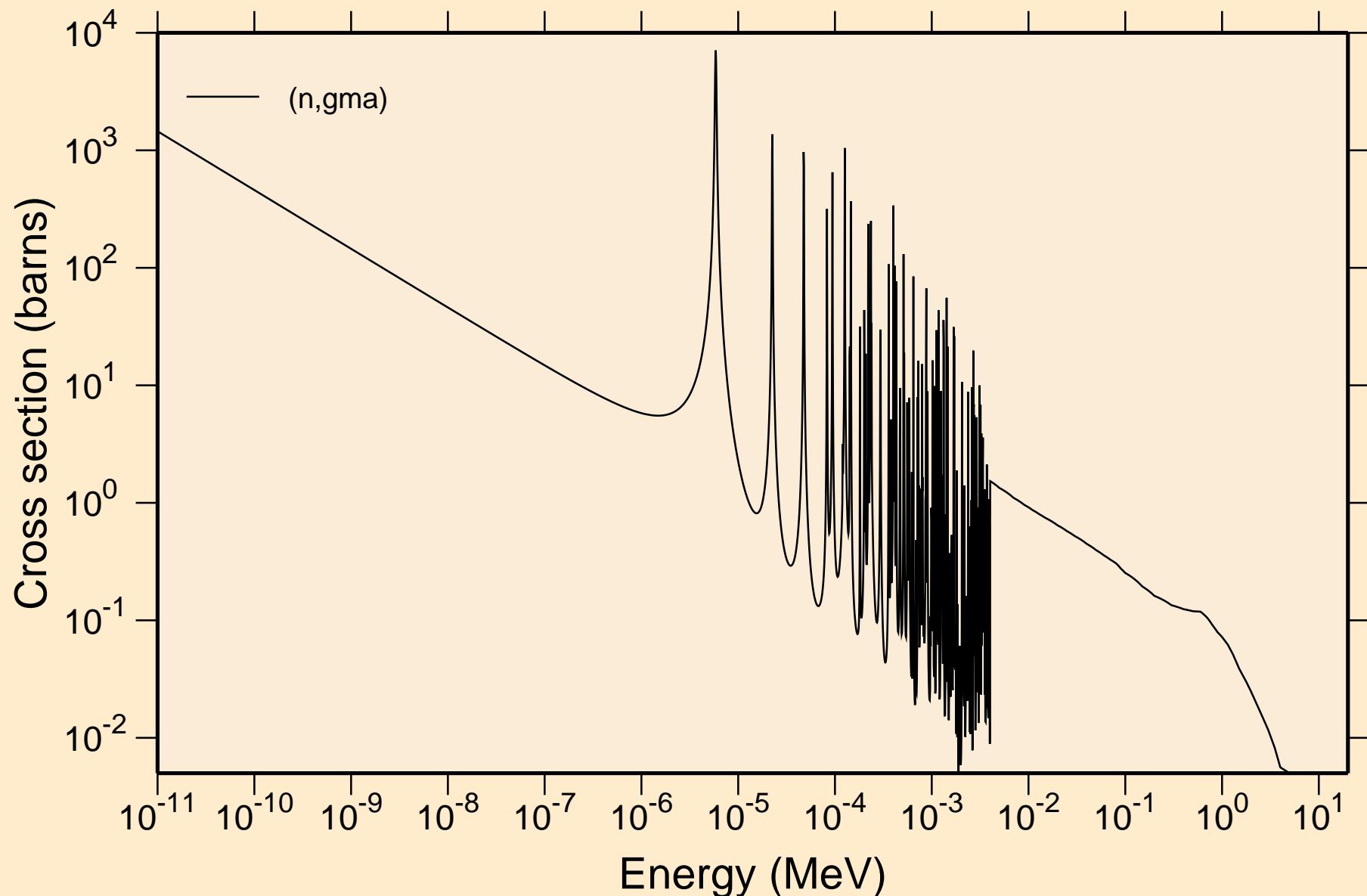
ENDF/B-VII CS-133

Damage



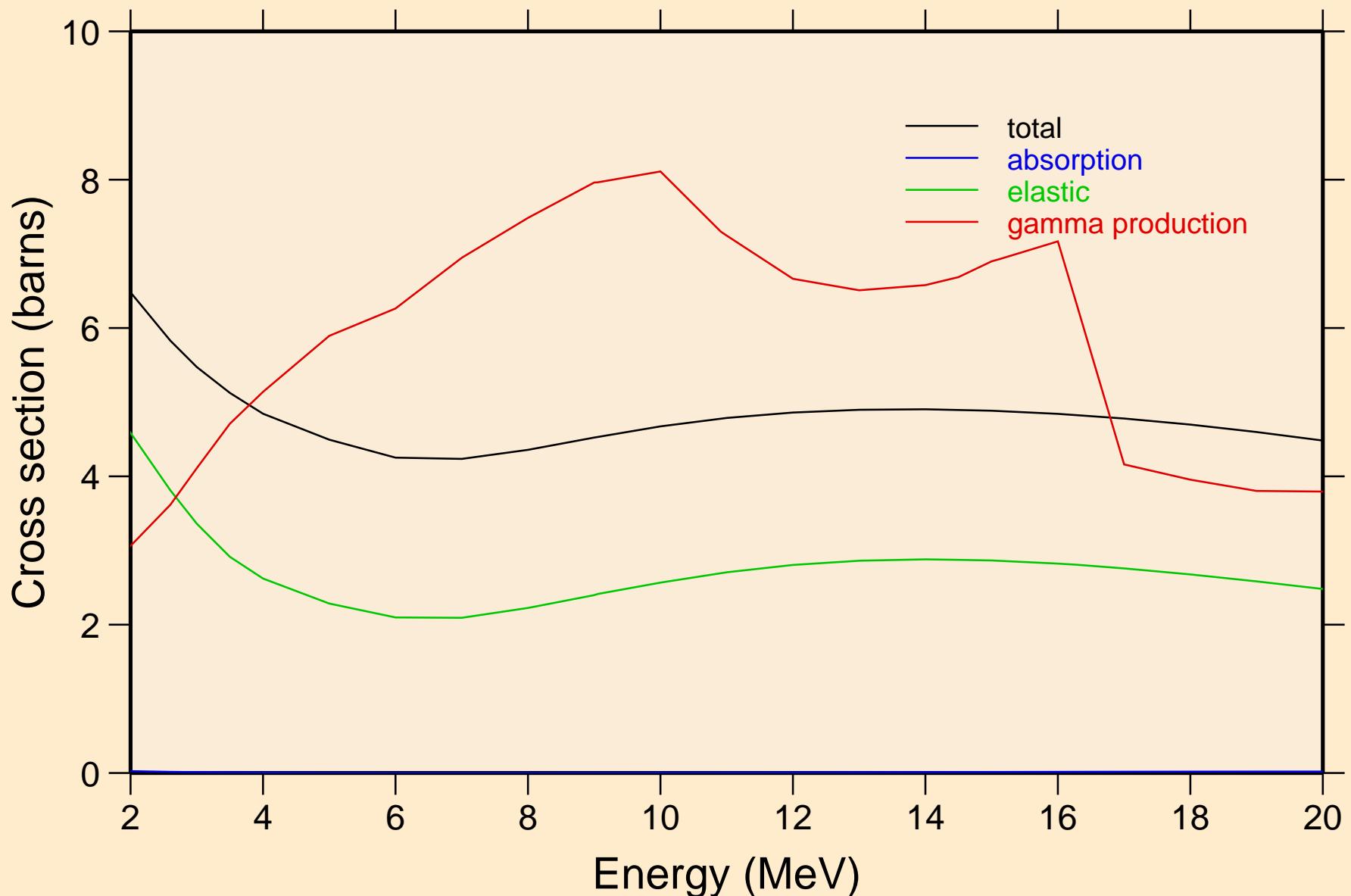
ENDF/B-VII CS-133

Non-threshold reactions



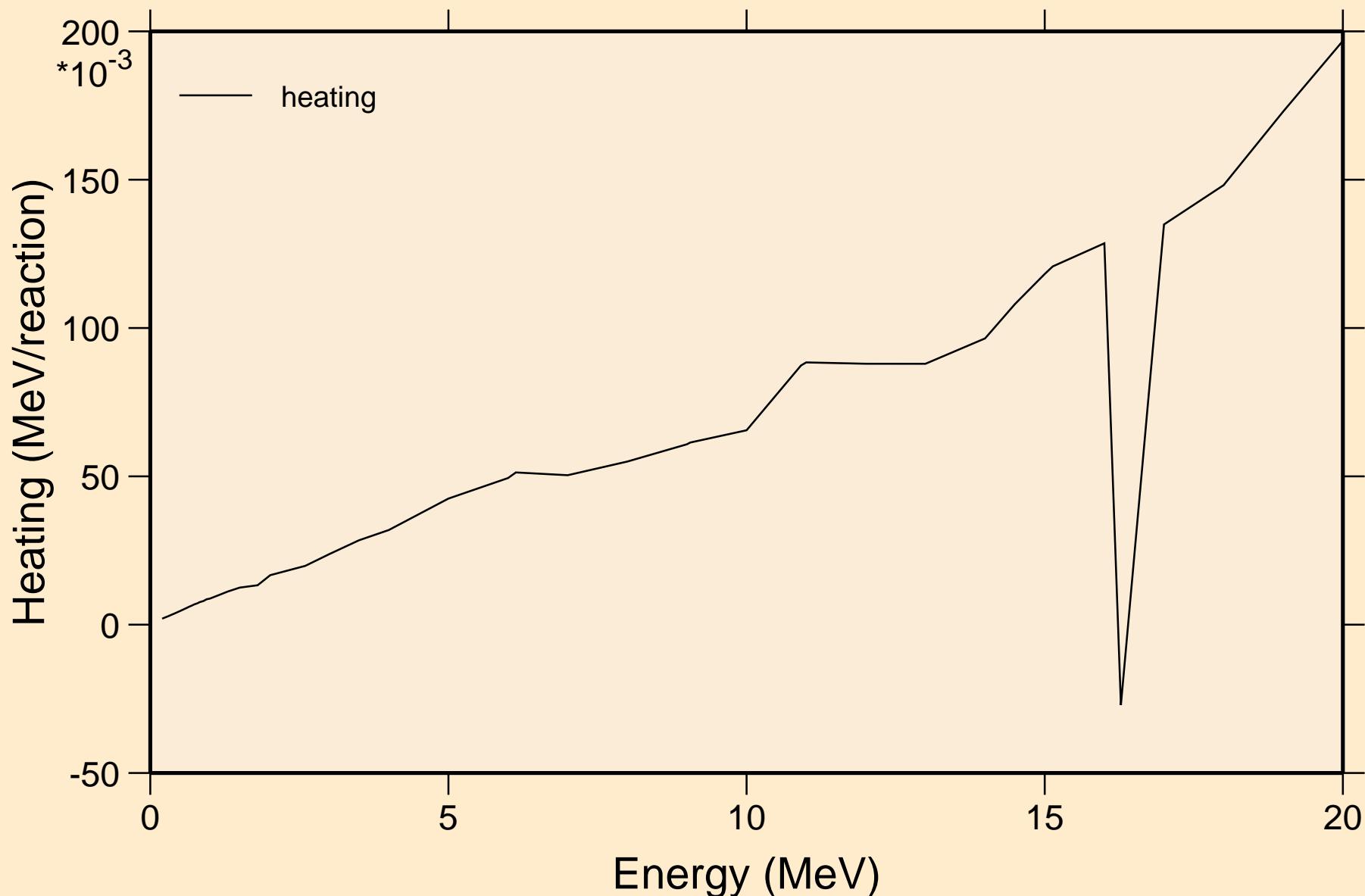
ENDF/B-VII CS-133

Principal cross sections



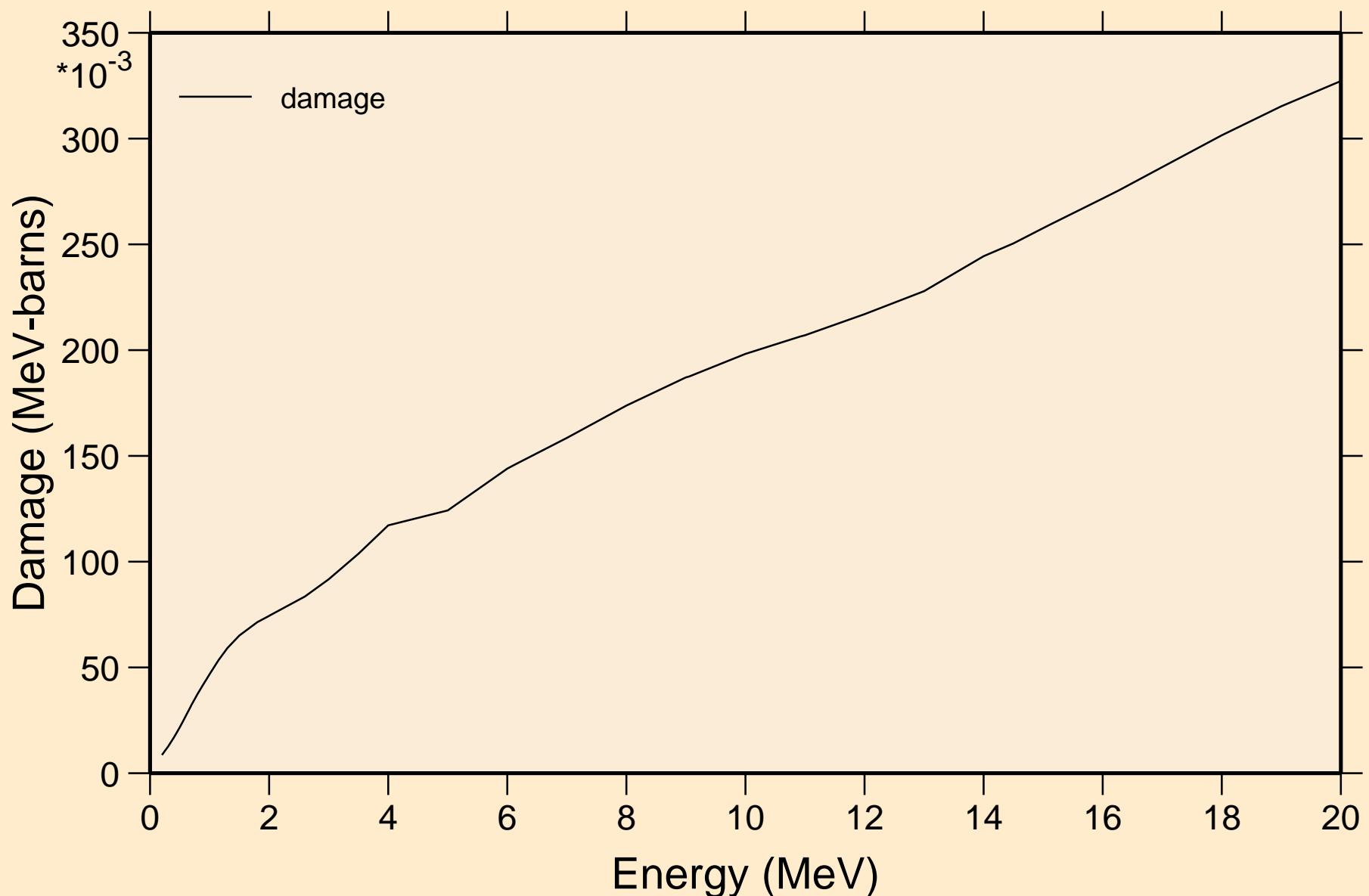
ENDF/B-VII CS-133

Heating



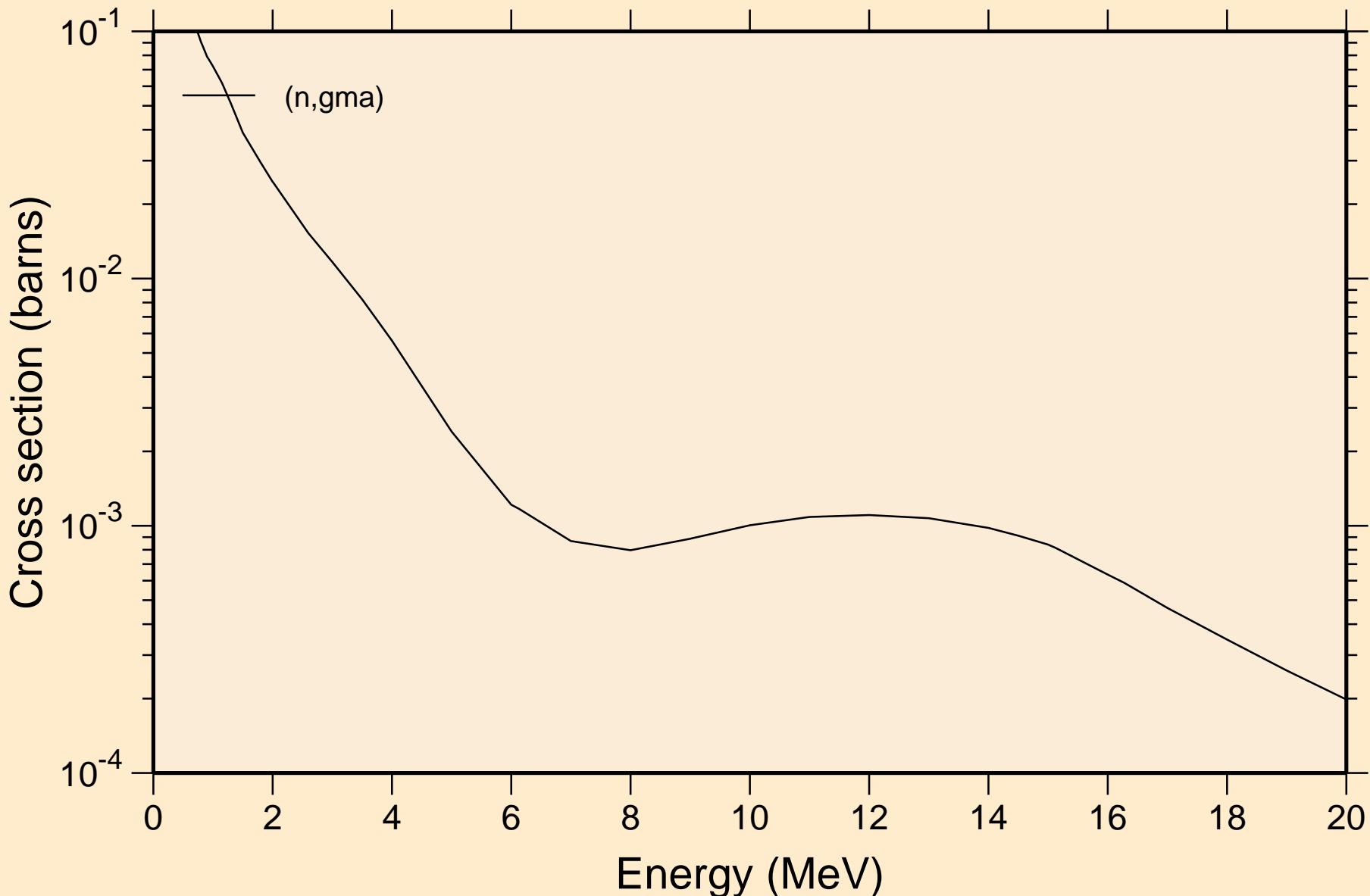
ENDF/B-VII CS-133

Damage



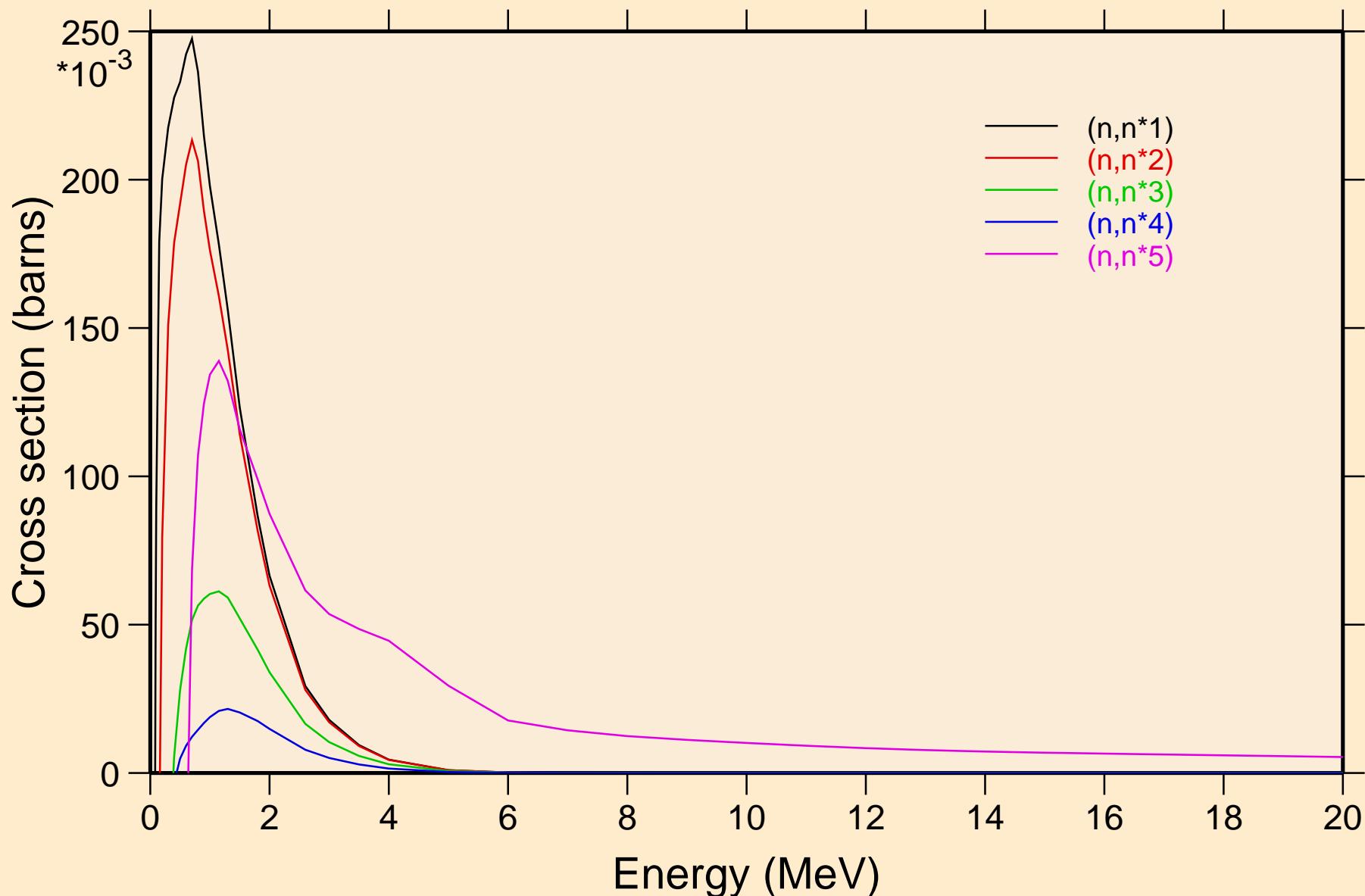
ENDF/B-VII CS-133

Non-threshold reactions



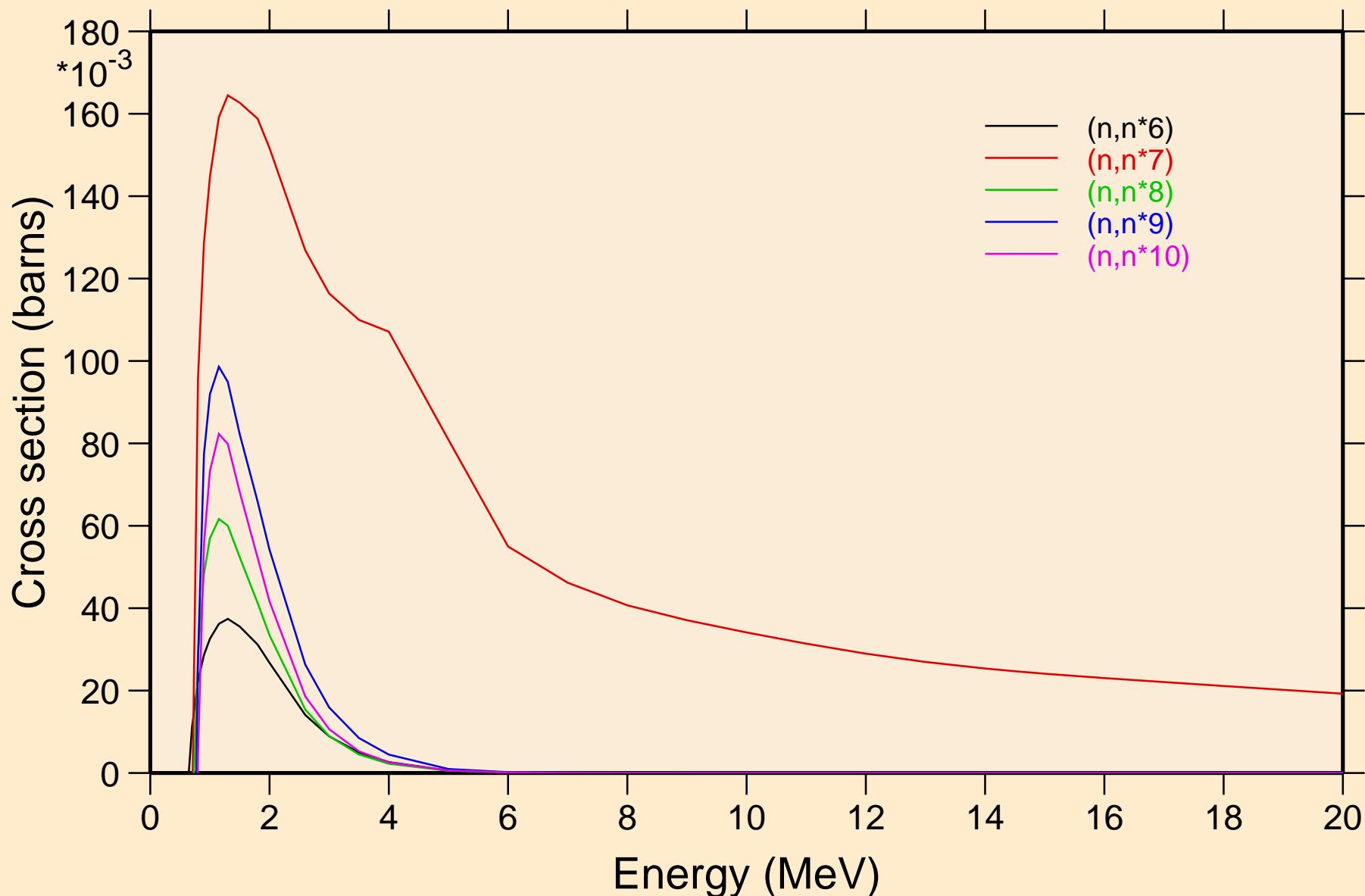
ENDF/B-VII CS-133

Inelastic levels



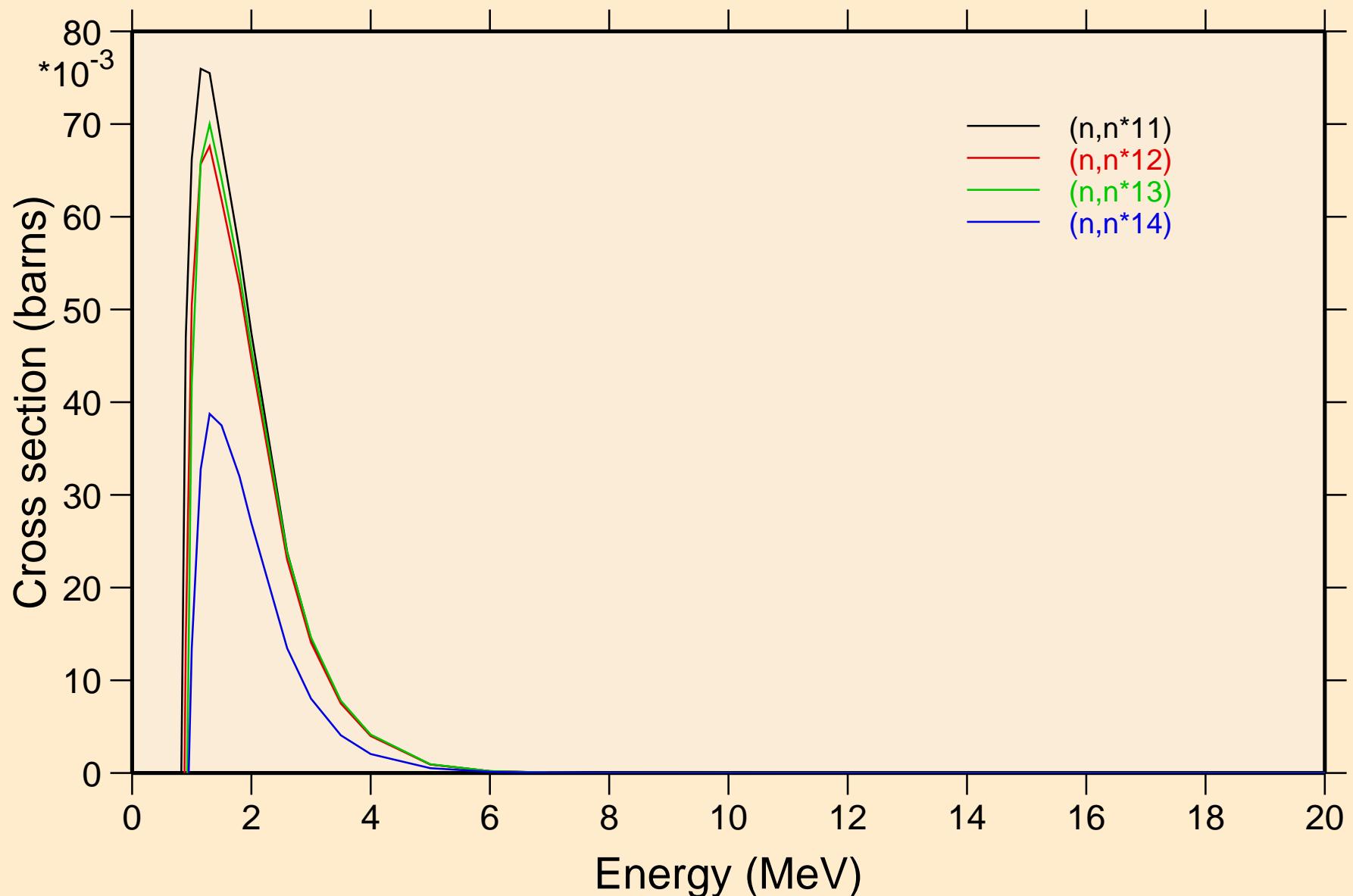
ENDF/B-VII CS-133

Inelastic levels



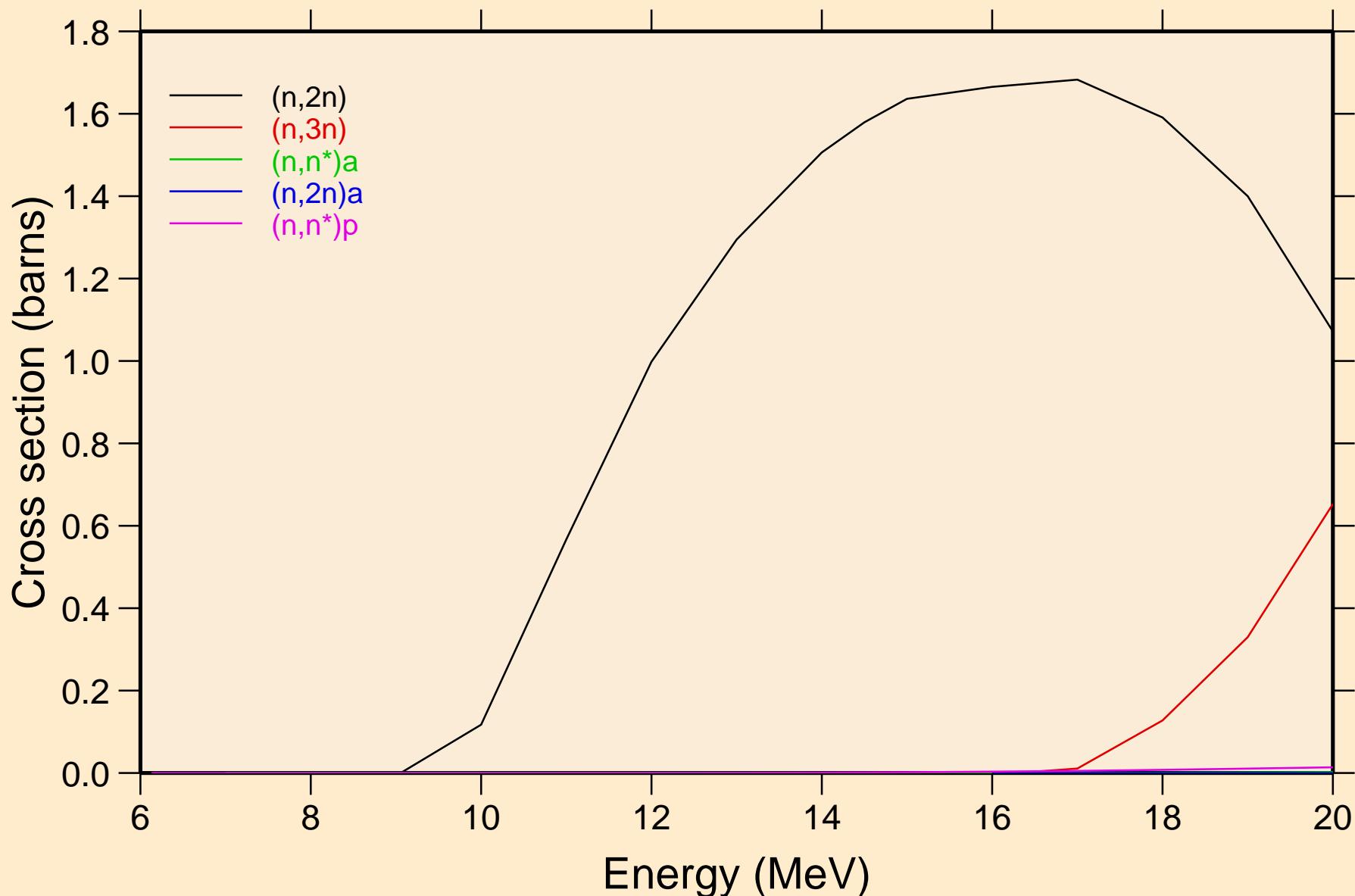
ENDF/B-VII CS-133

Inelastic levels



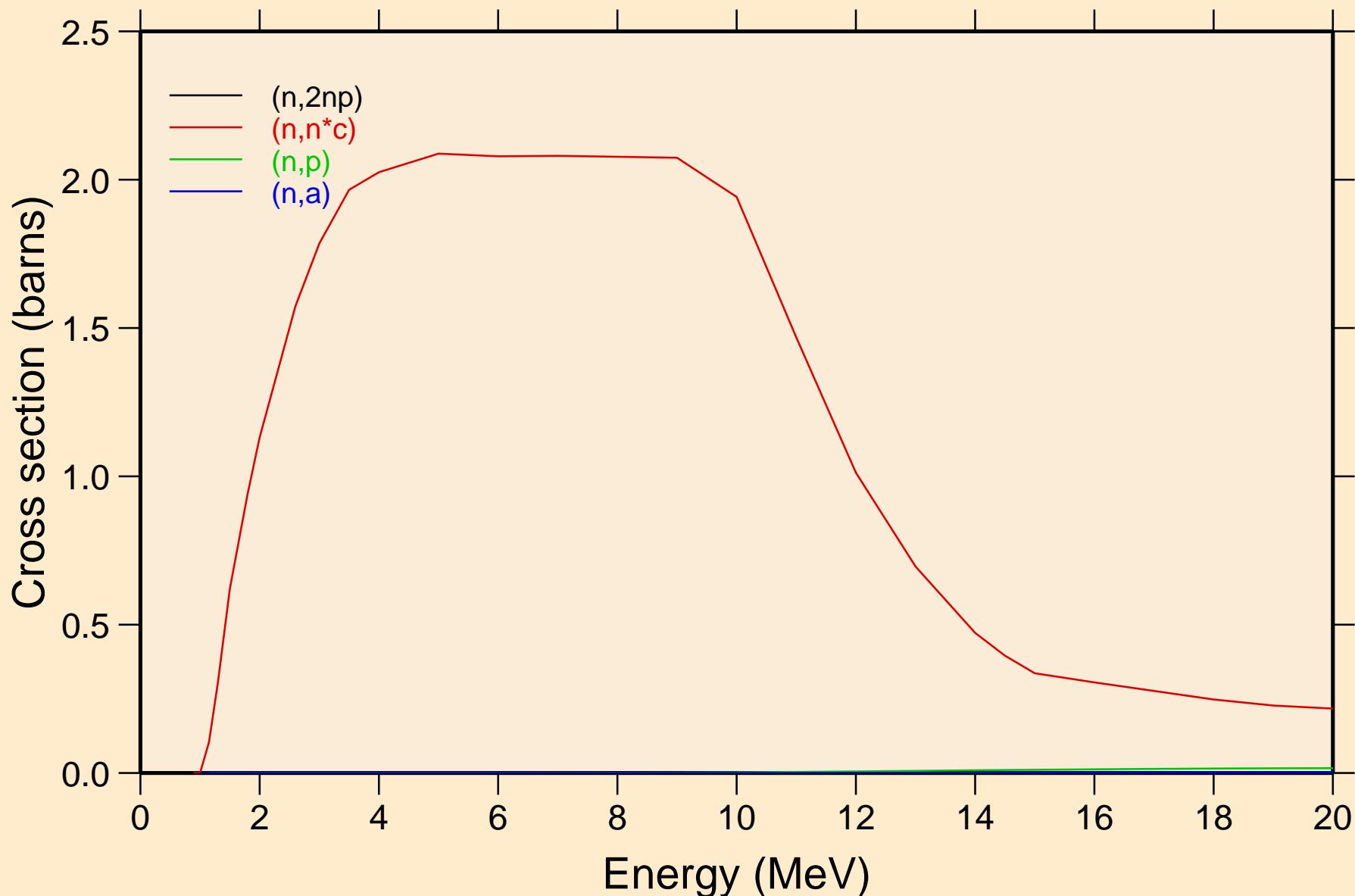
ENDF/B-VII CS-133

Threshold reactions



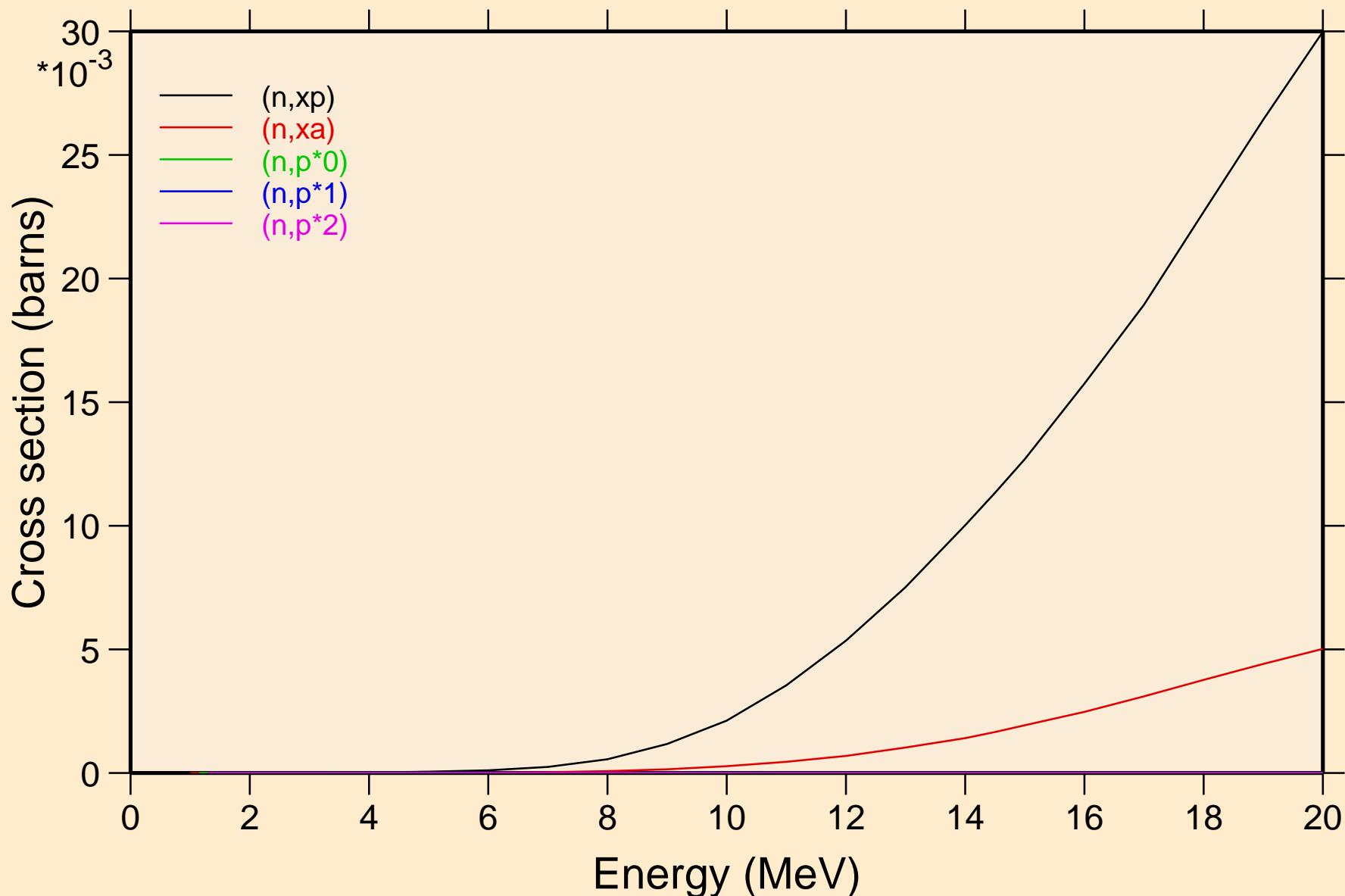
ENDF/B-VII CS-133

Threshold reactions



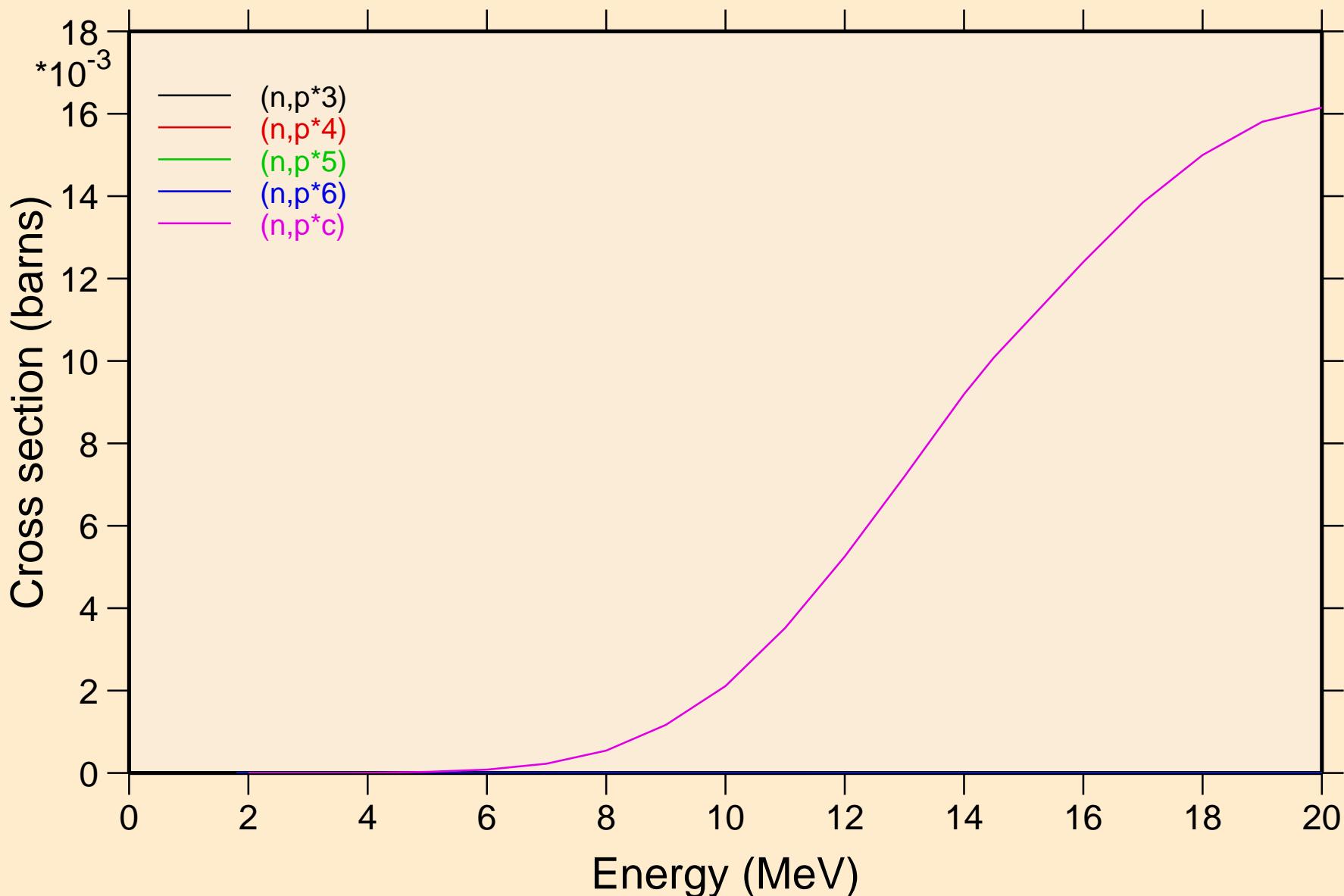
ENDF/B-VII CS-133

Threshold reactions



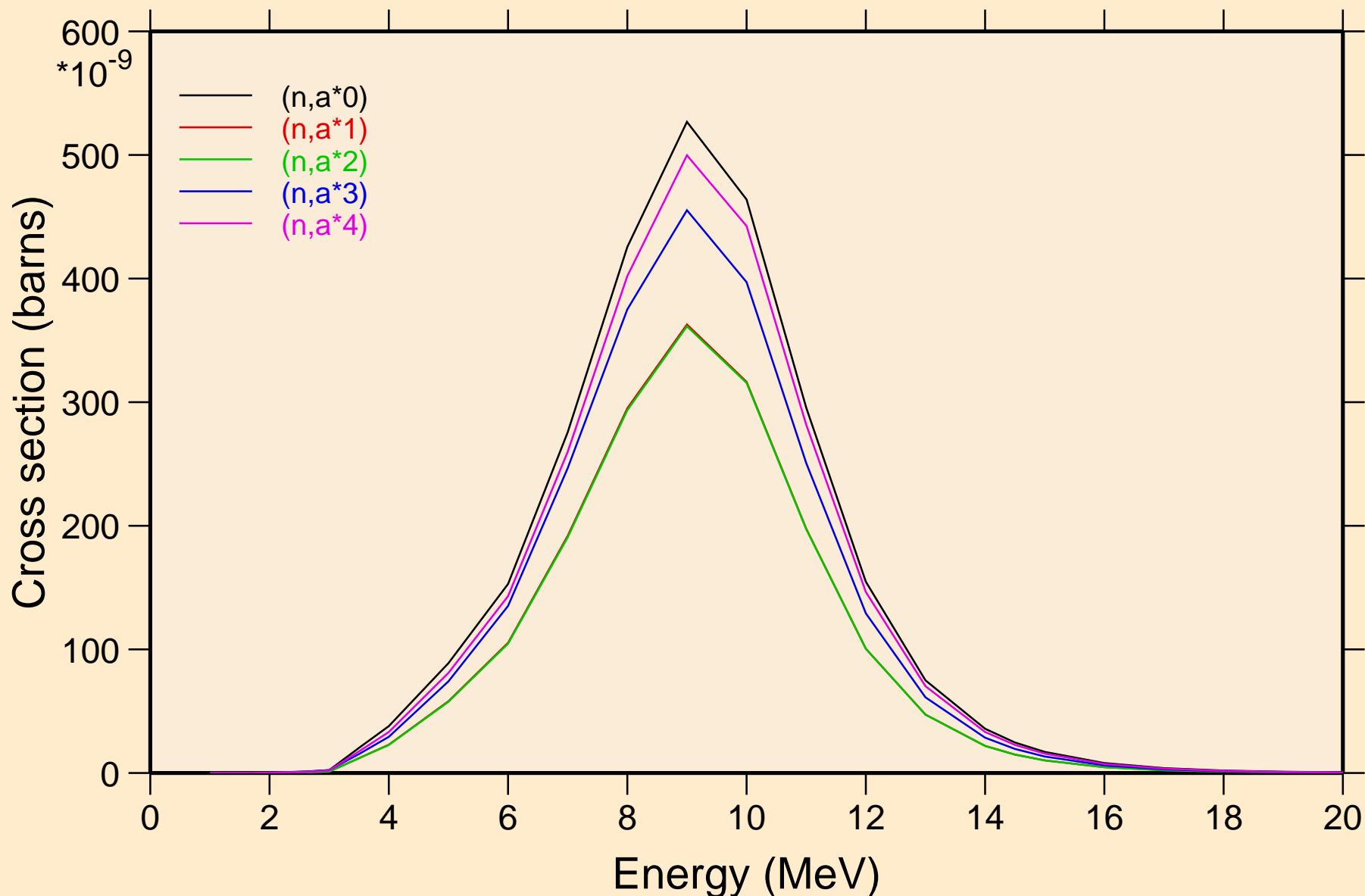
ENDF/B-VII CS-133

Threshold reactions



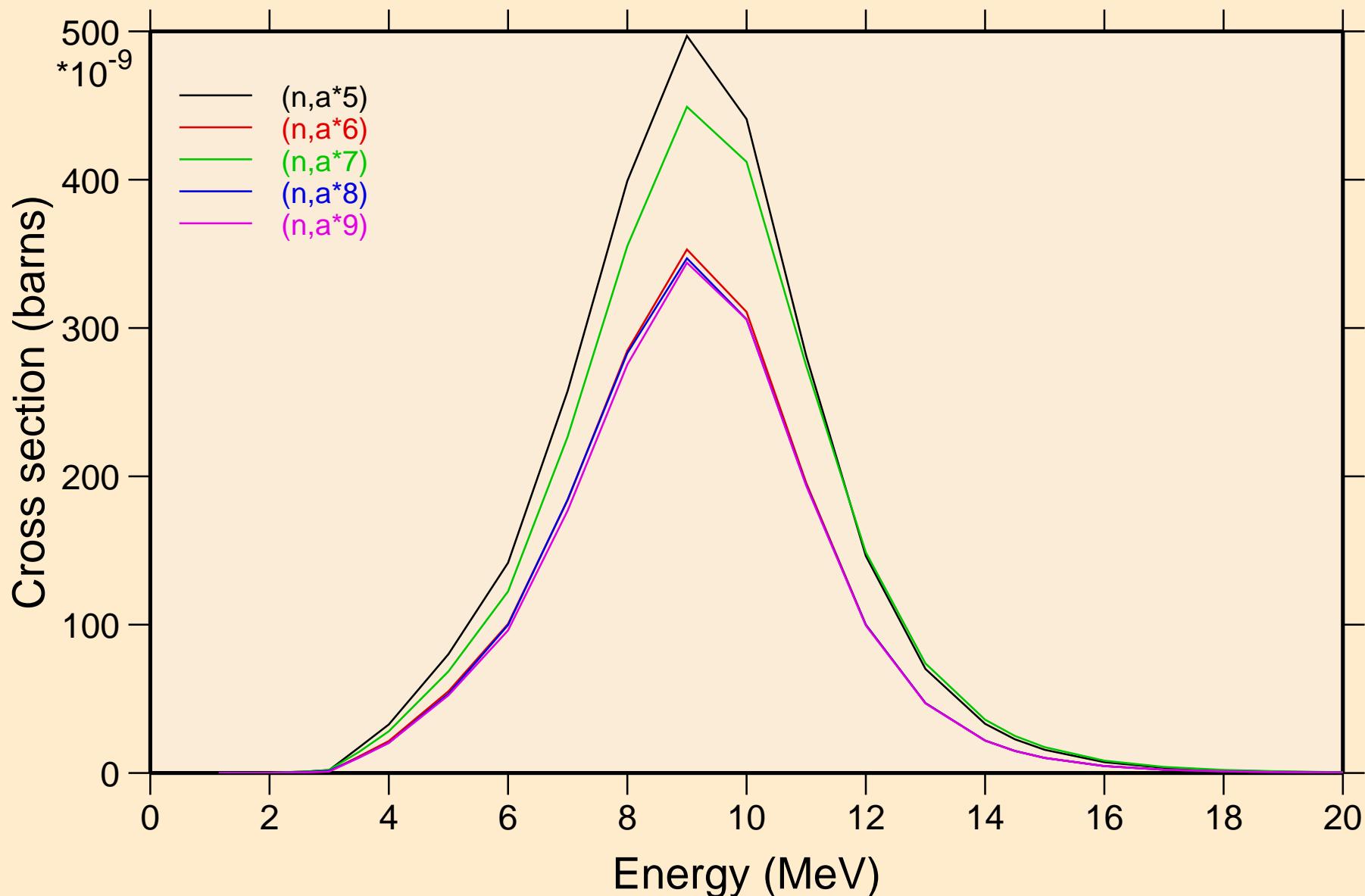
ENDF/B-VII CS-133

Threshold reactions



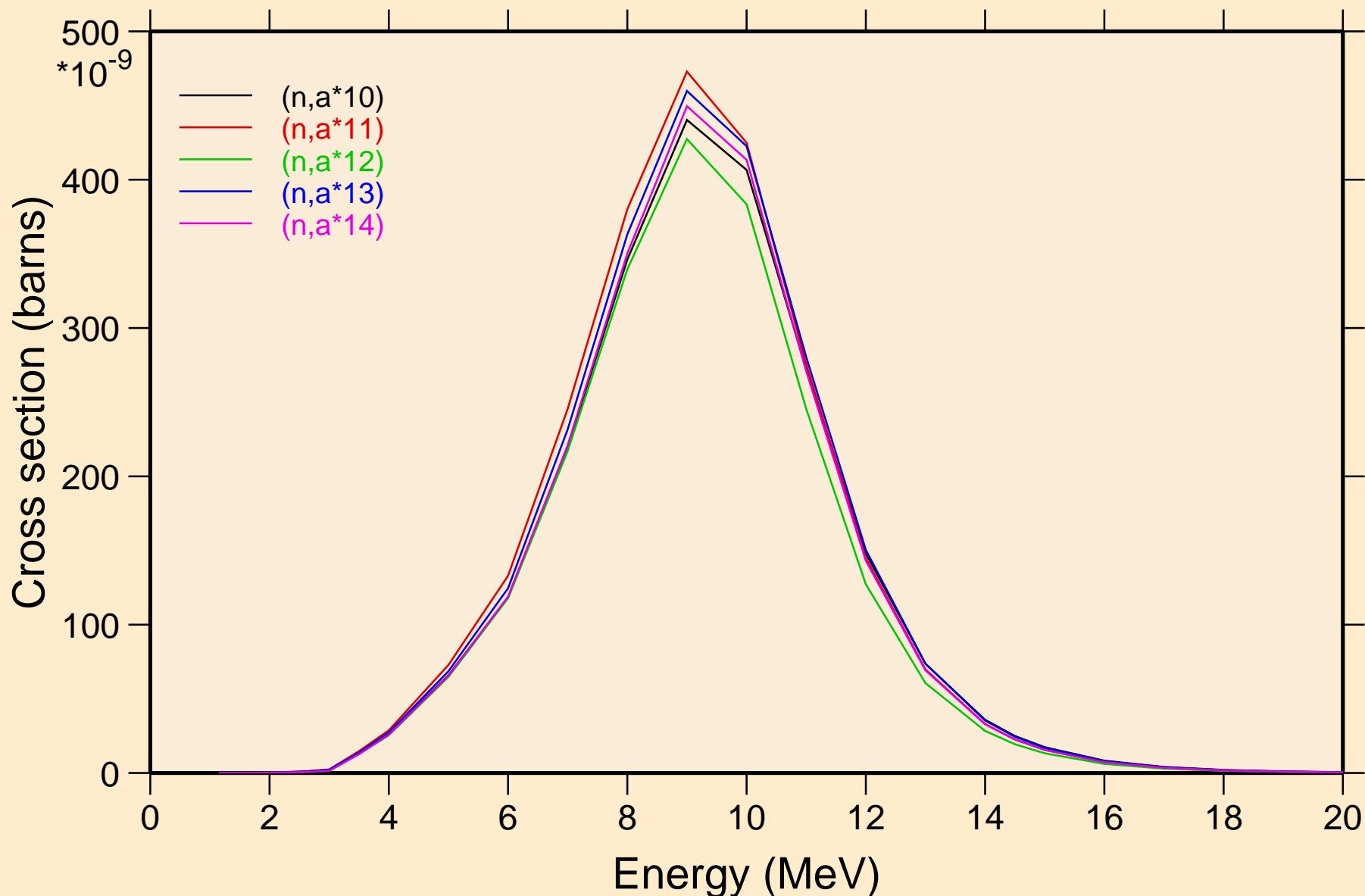
ENDF/B-VII CS-133

Threshold reactions



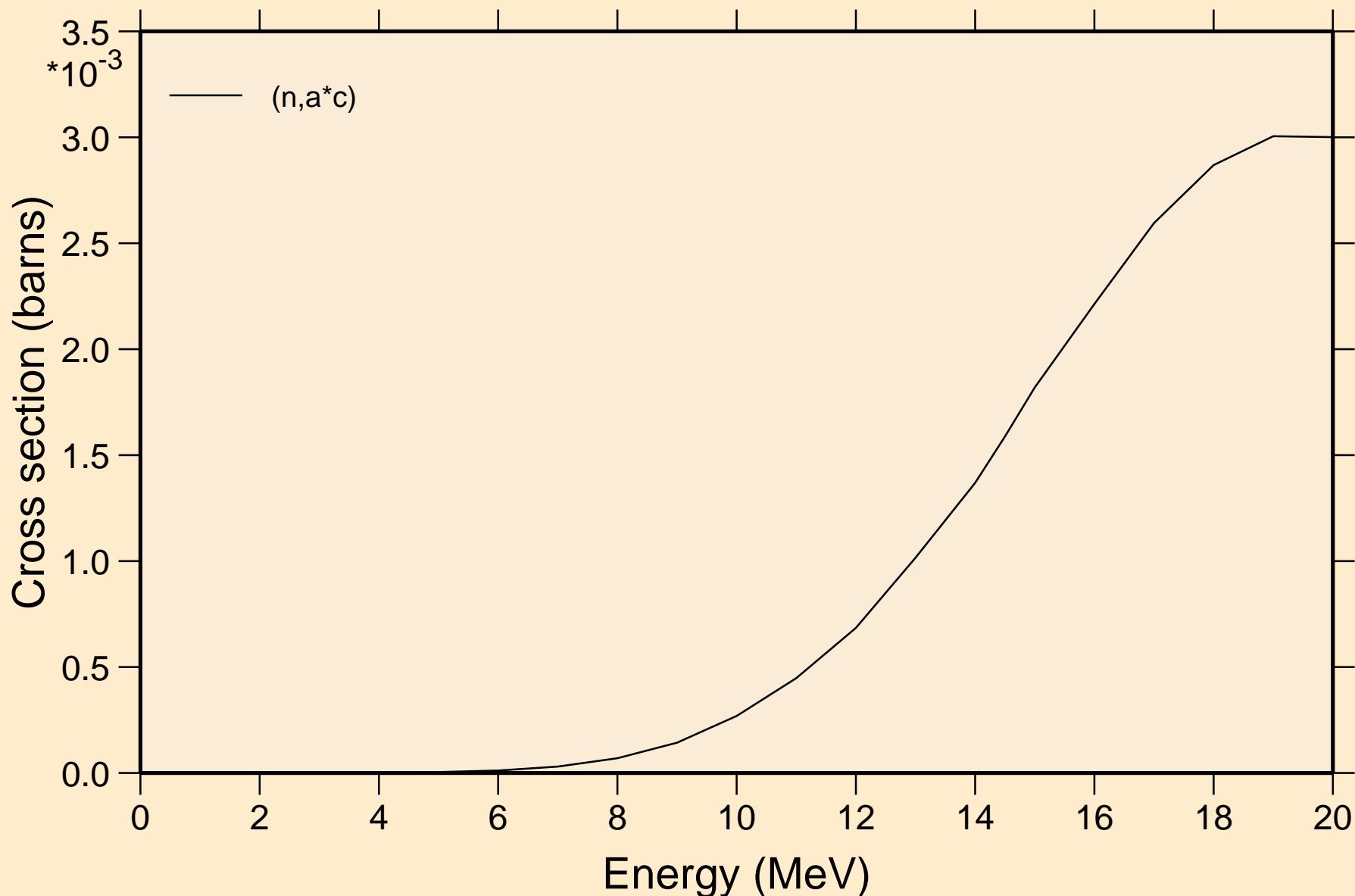
ENDF/B-VII CS-133

Threshold reactions

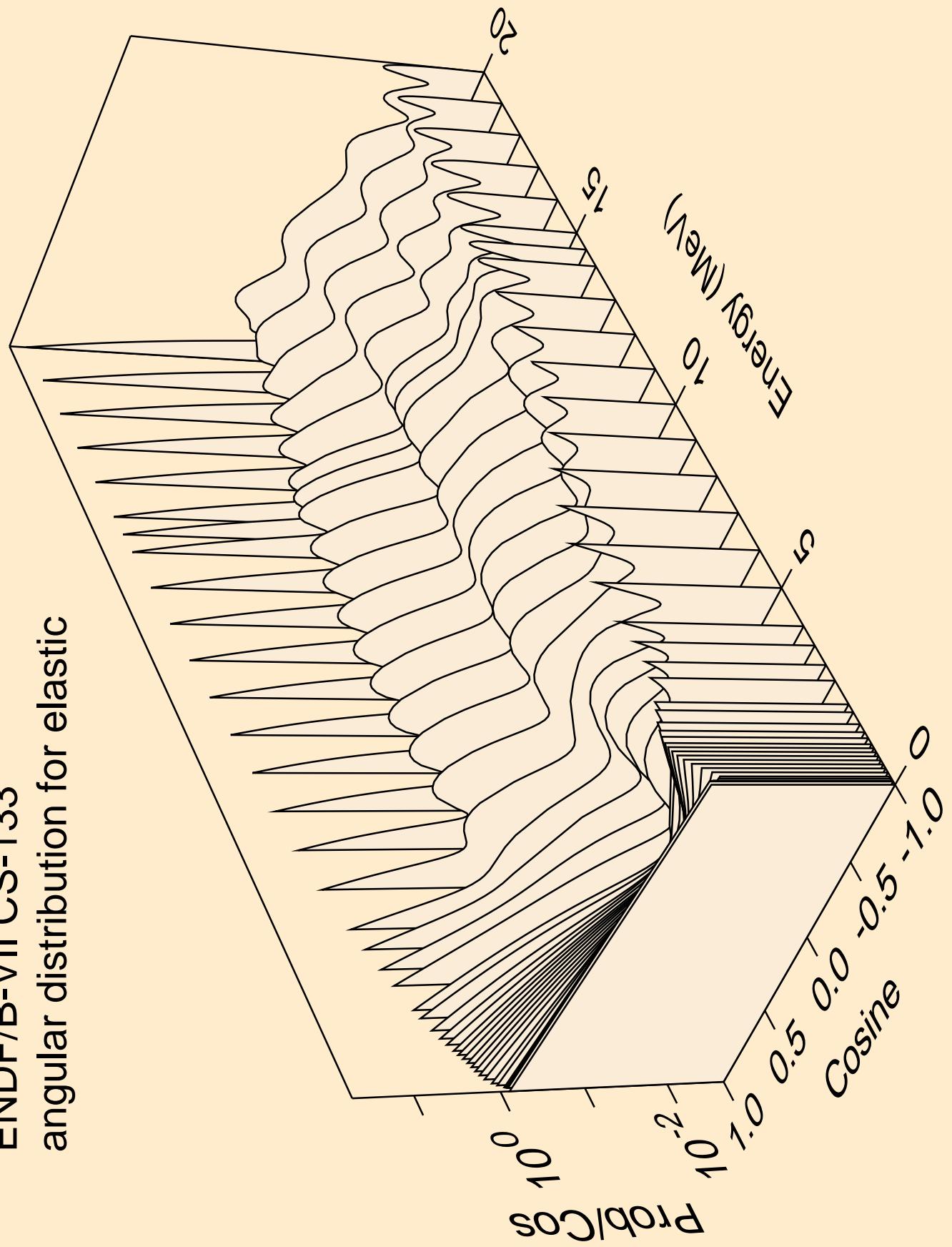


ENDF/B-VII CS-133

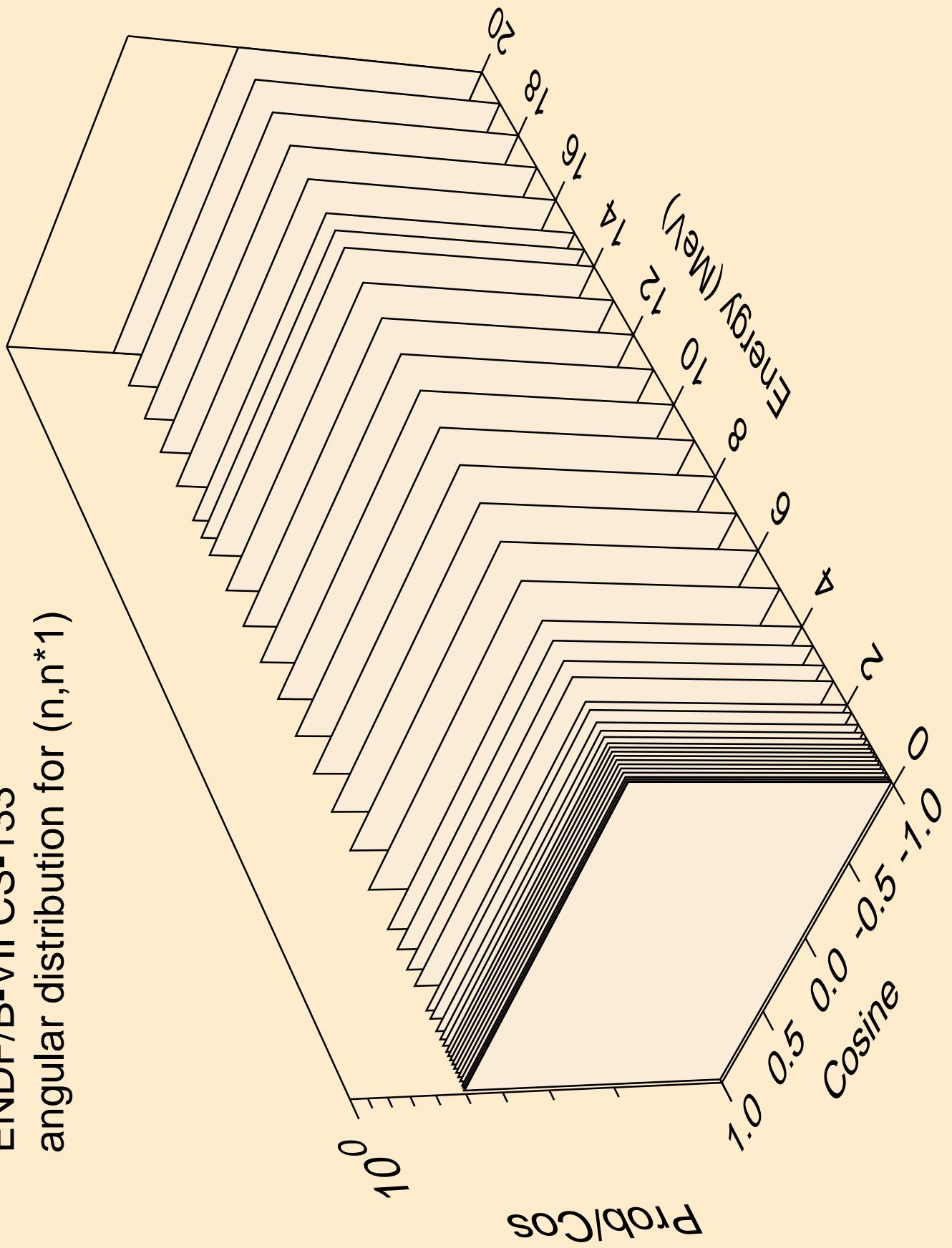
Threshold reactions



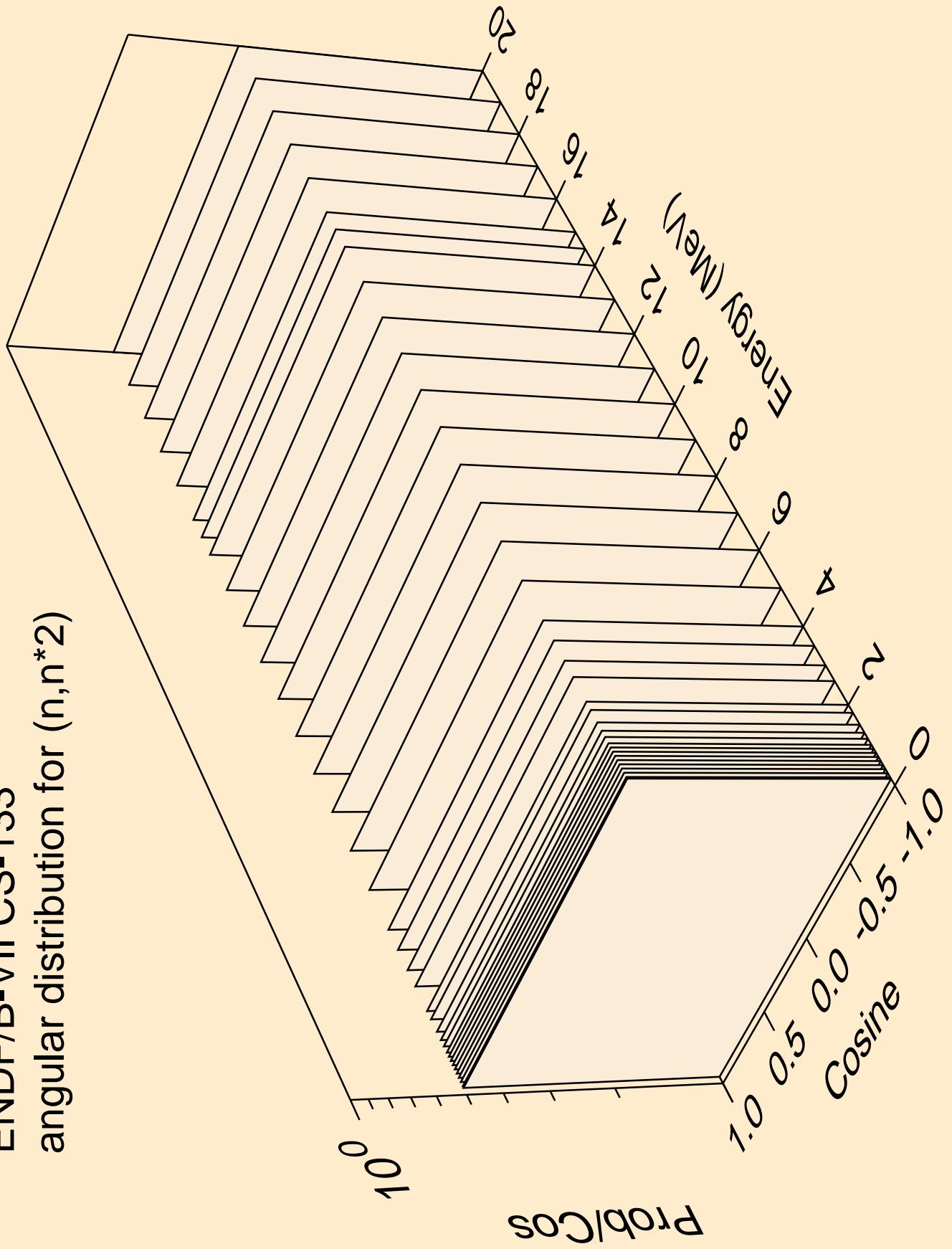
ENDF/B-VII CS-133
angular distribution for elastic



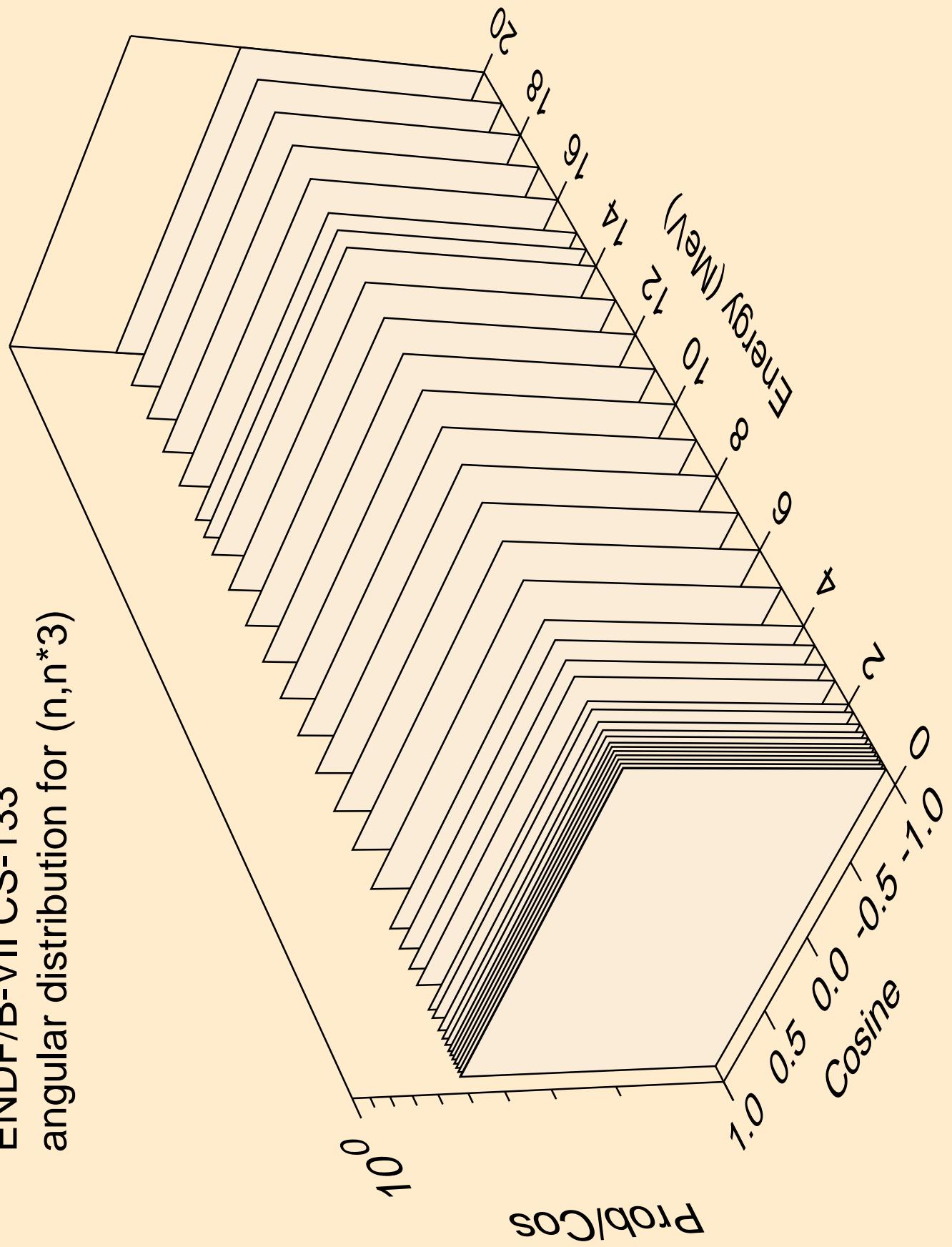
ENDF/B-VII CS-133
angular distribution for (n,n^*1)



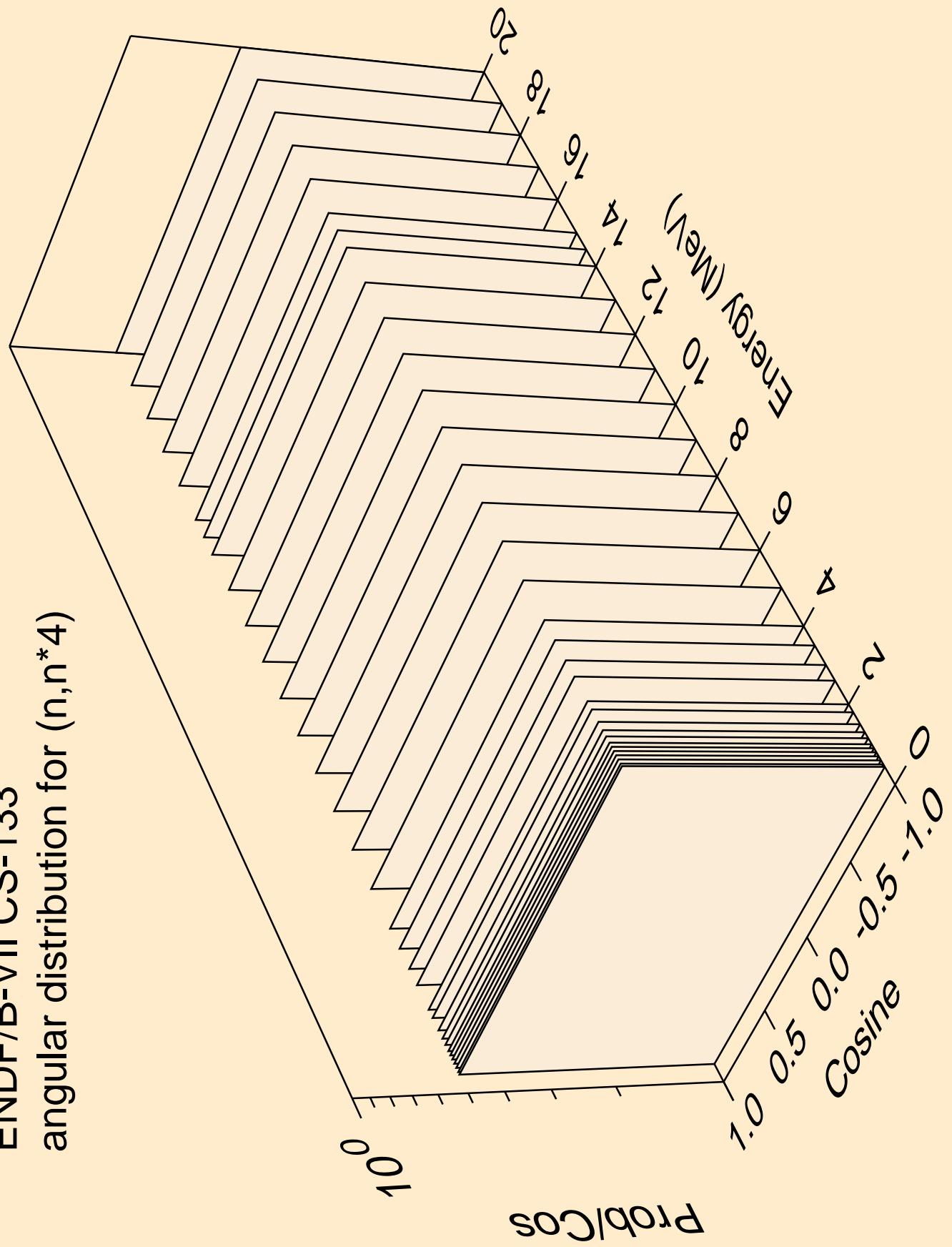
ENDF/B-VII CS-133
angular distribution for (n,n^*2)



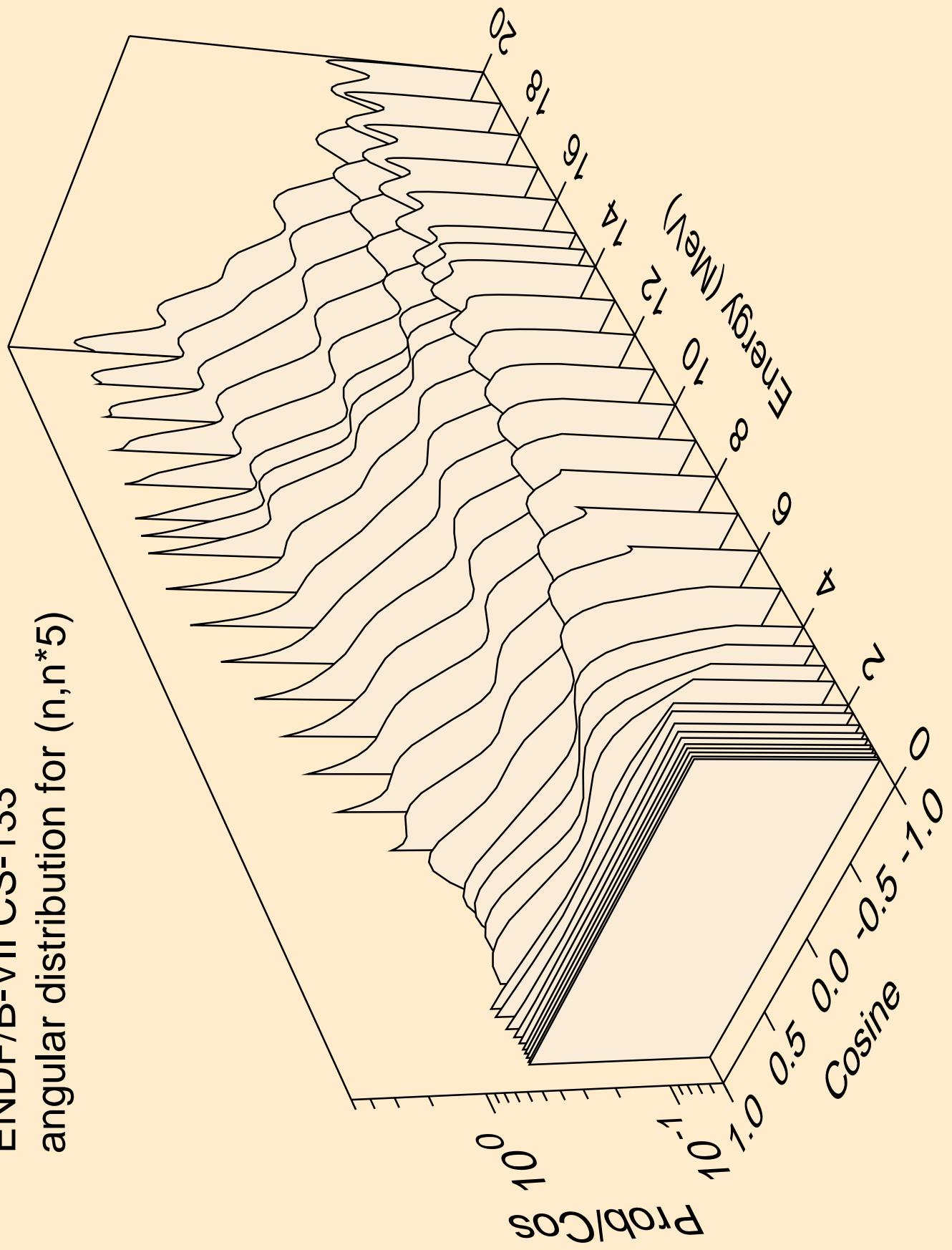
ENDF/B-VII CS-133
angular distribution for (n,n^*3)



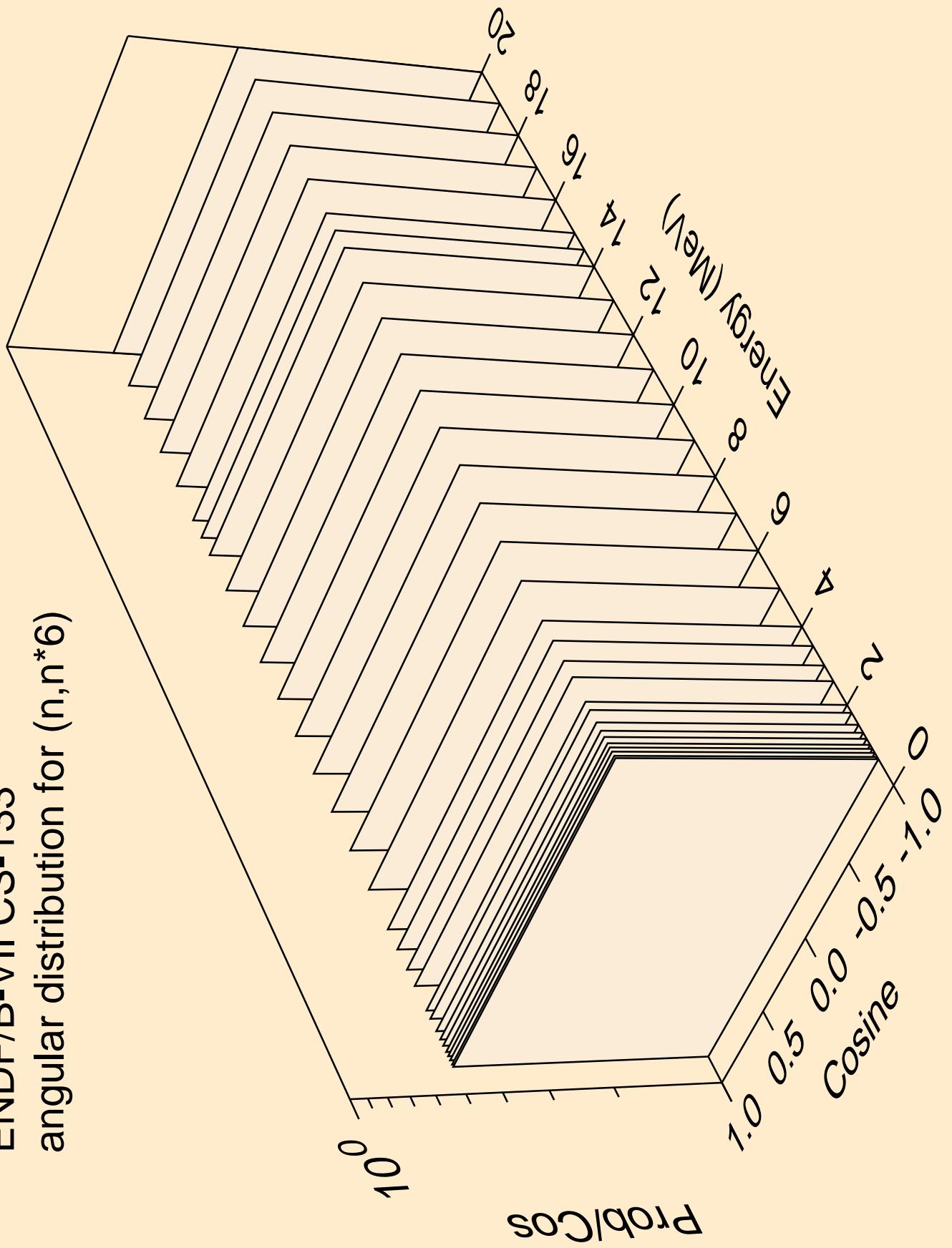
ENDF/B-VII CS-133
angular distribution for (n,n^*4)



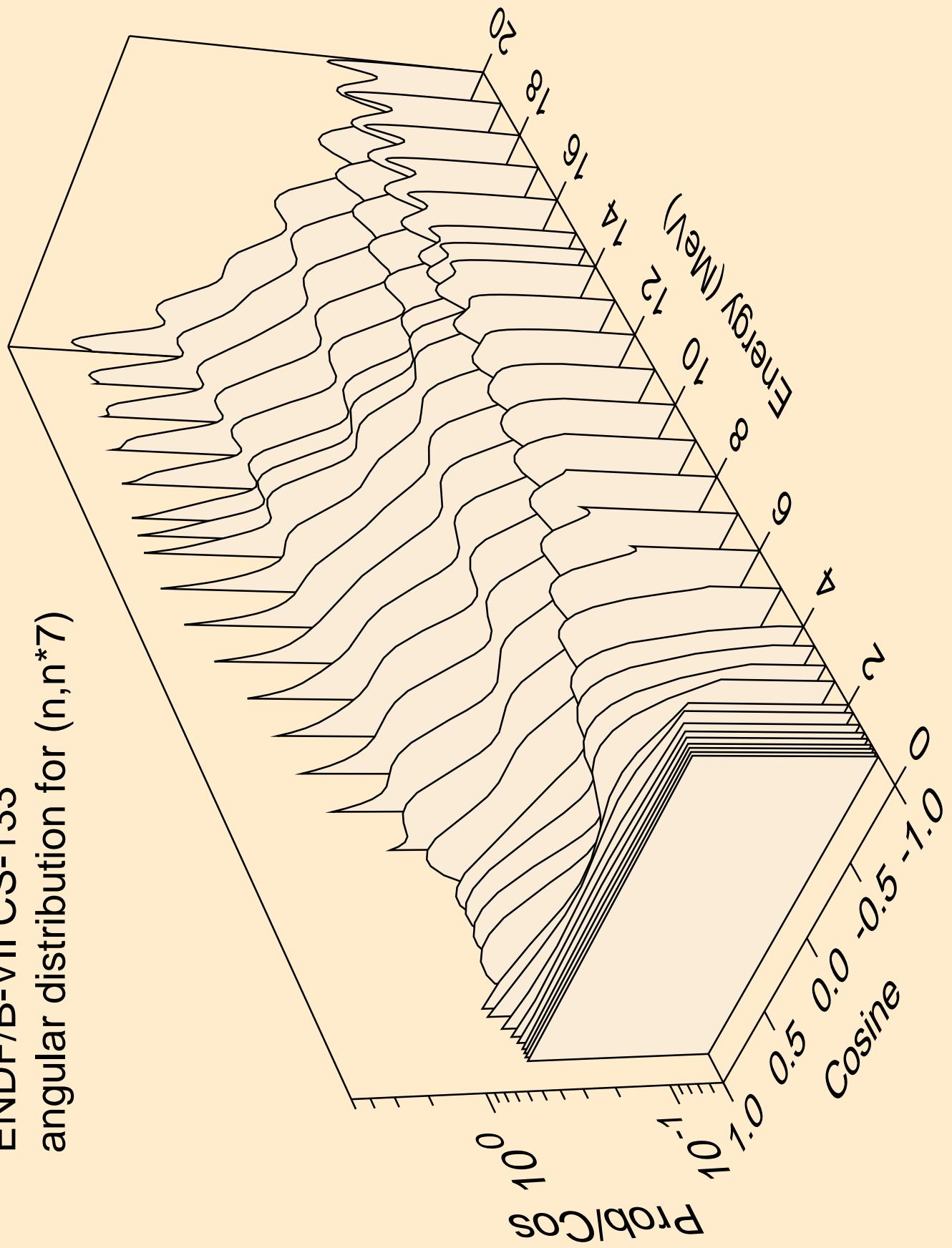
ENDF/B-VII CS-133
angular distribution for (n,n*5)



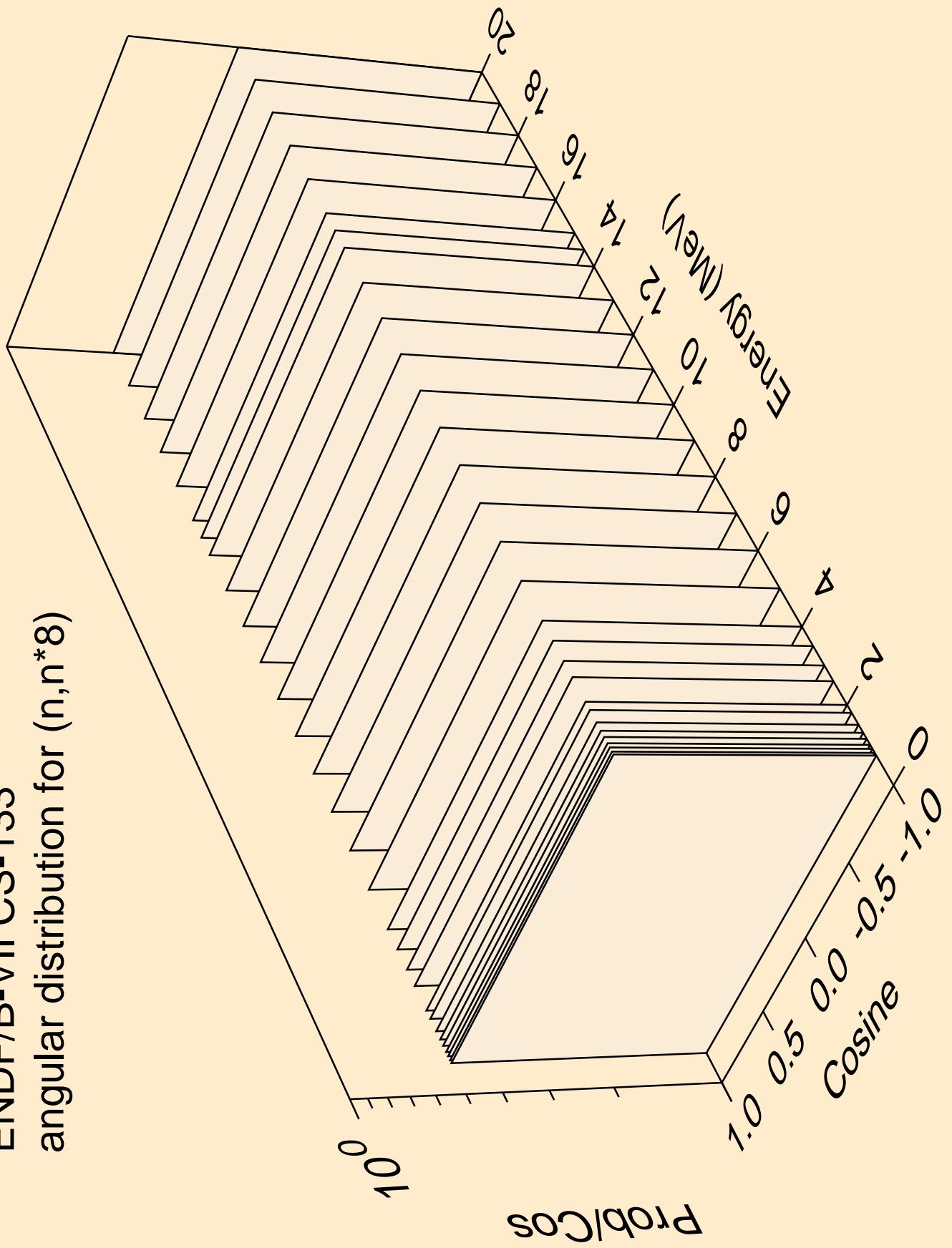
ENDF/B-VII CS-133
angular distribution for (n,n*6)



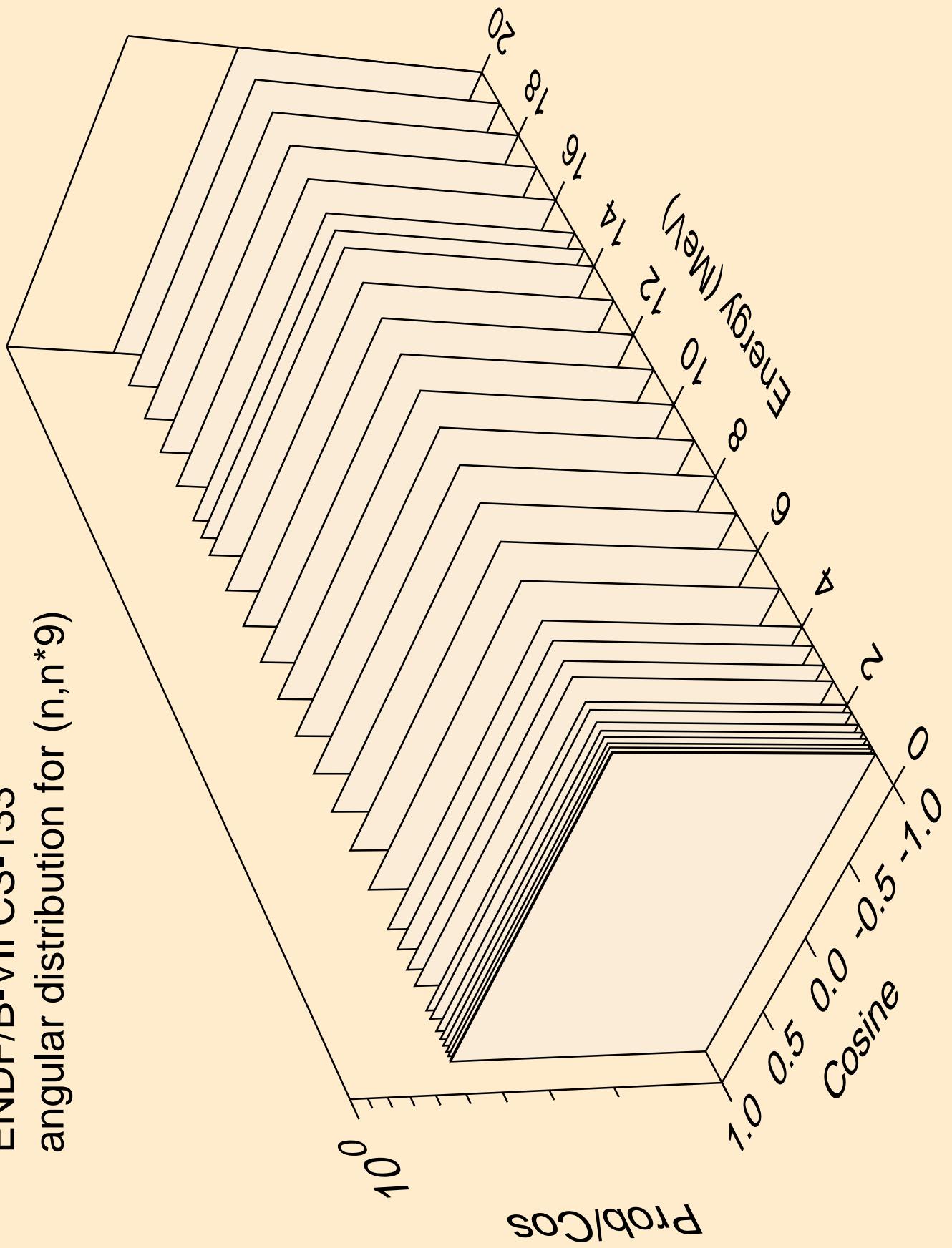
ENDF/B-VII CS-133
angular distribution for (n,n^*7)



ENDF/B-VII CS-133
angular distribution for (n,n*8)

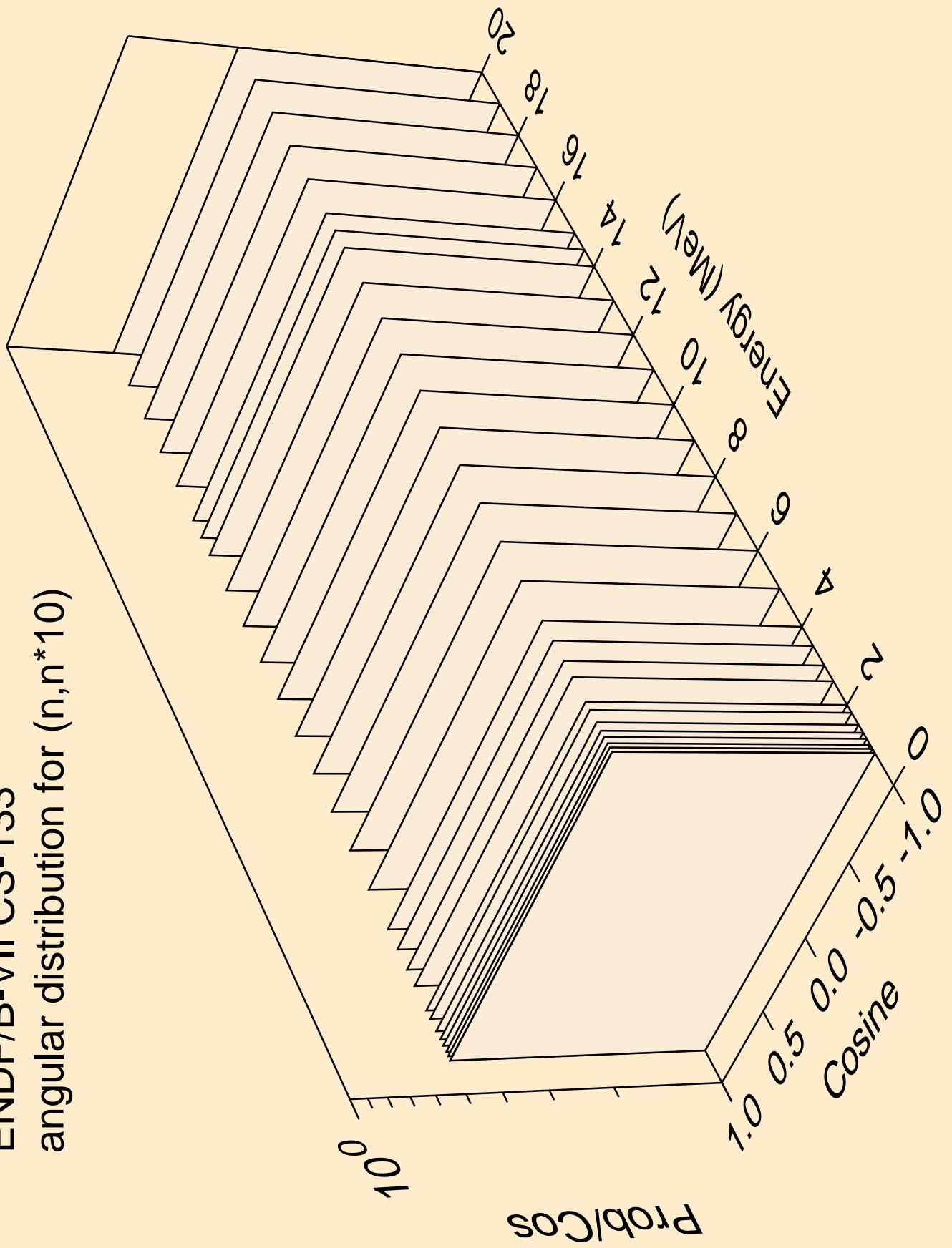


ENDF/B-VII CS-133
angular distribution for (n,n^*g)



ENDF/B-VII CS-133

angular distribution for (n,n^*10)



ENDF/B-VII CS-133

angular distribution for (n,n^*11)

10^0

Prob/Cos

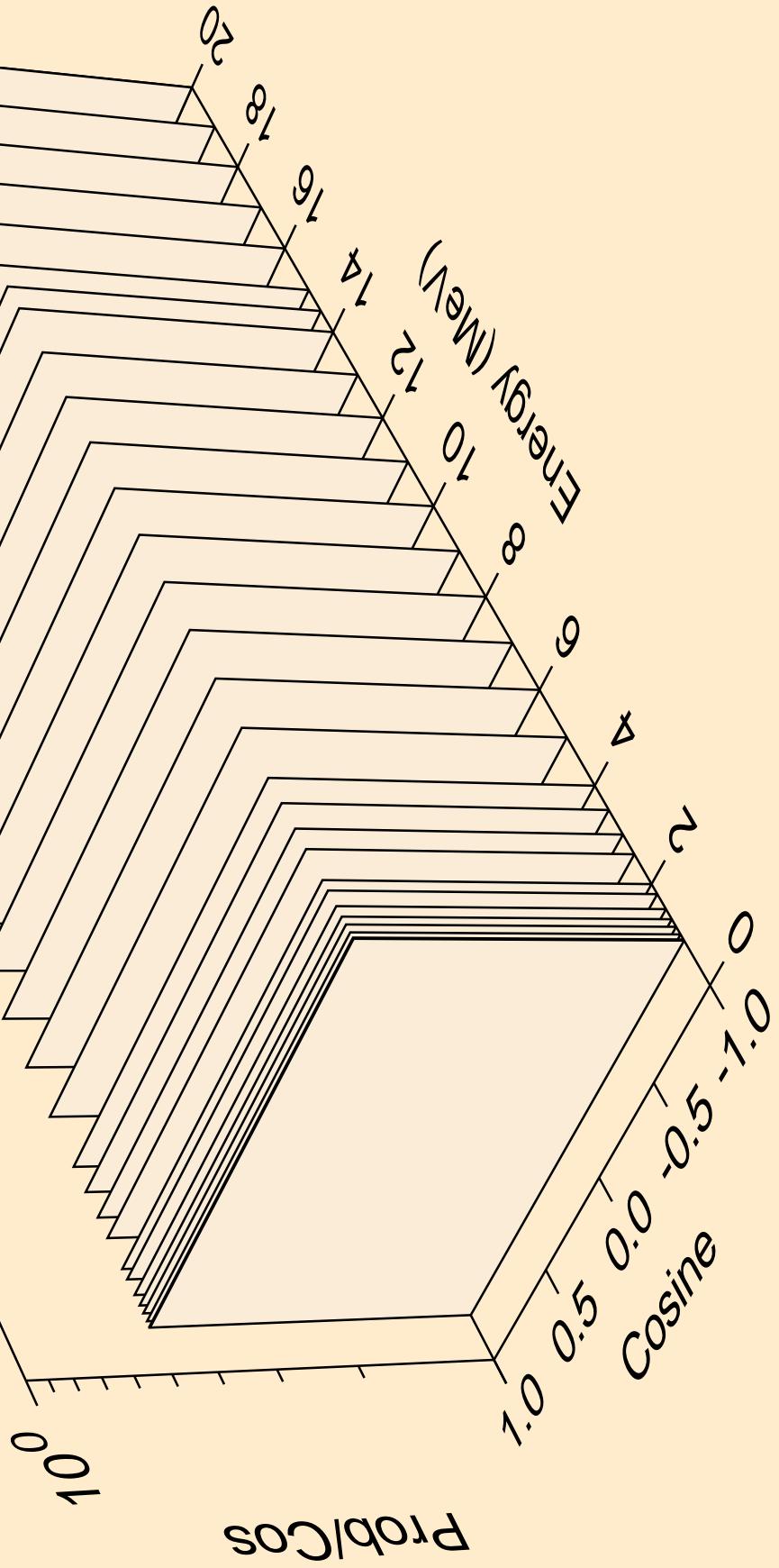
1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

20
18
16
14
12
10
8
6
4
2
0

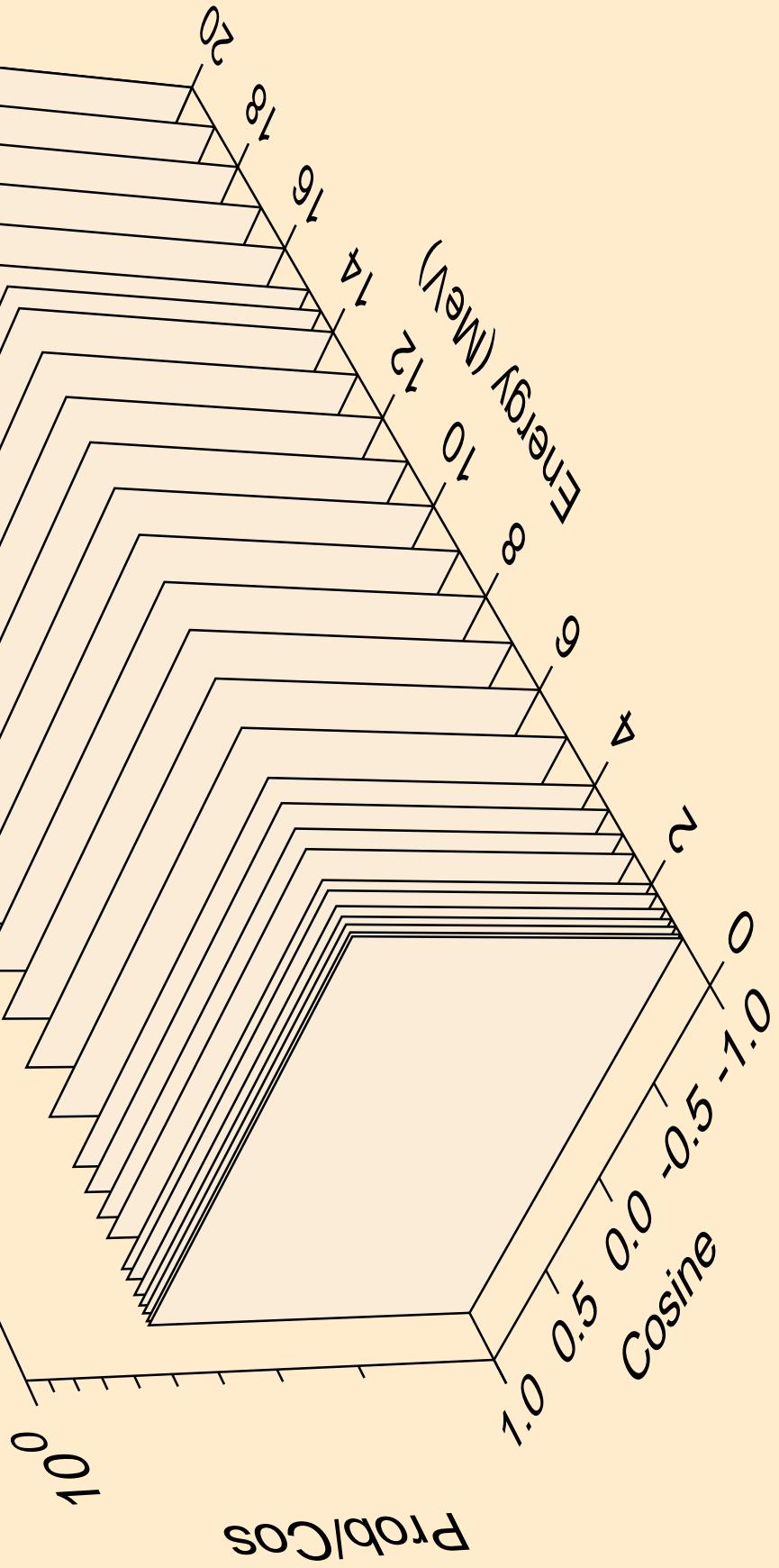
ENDF/B-VII CS-133

angular distribution for (n,n*12)



ENDF/B-VII CS-133

angular distribution for (n,n*13)



ENDF/B-VII CS-133

angular distribution for (n,n^*14)

10^0

Prob/Cos

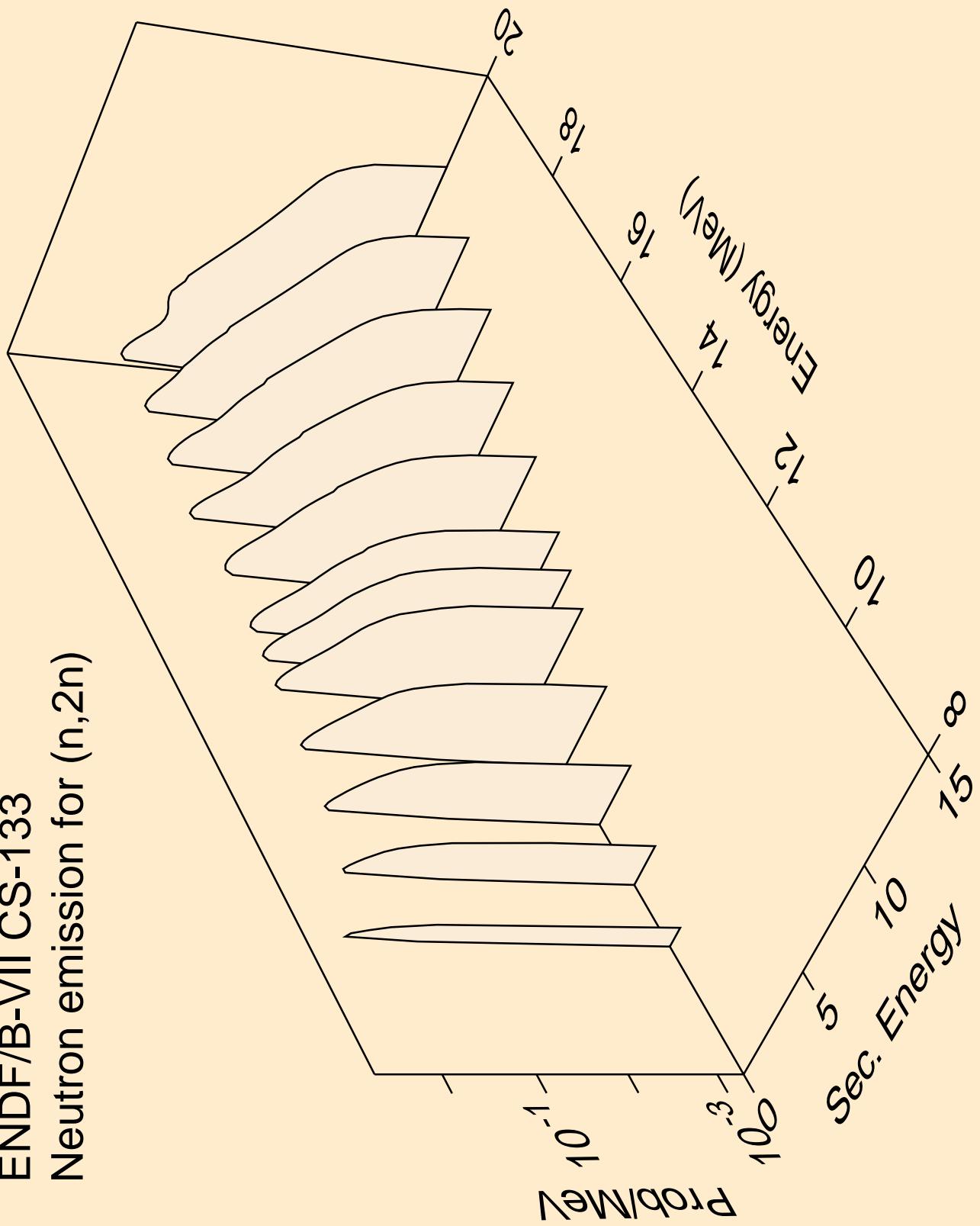
1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

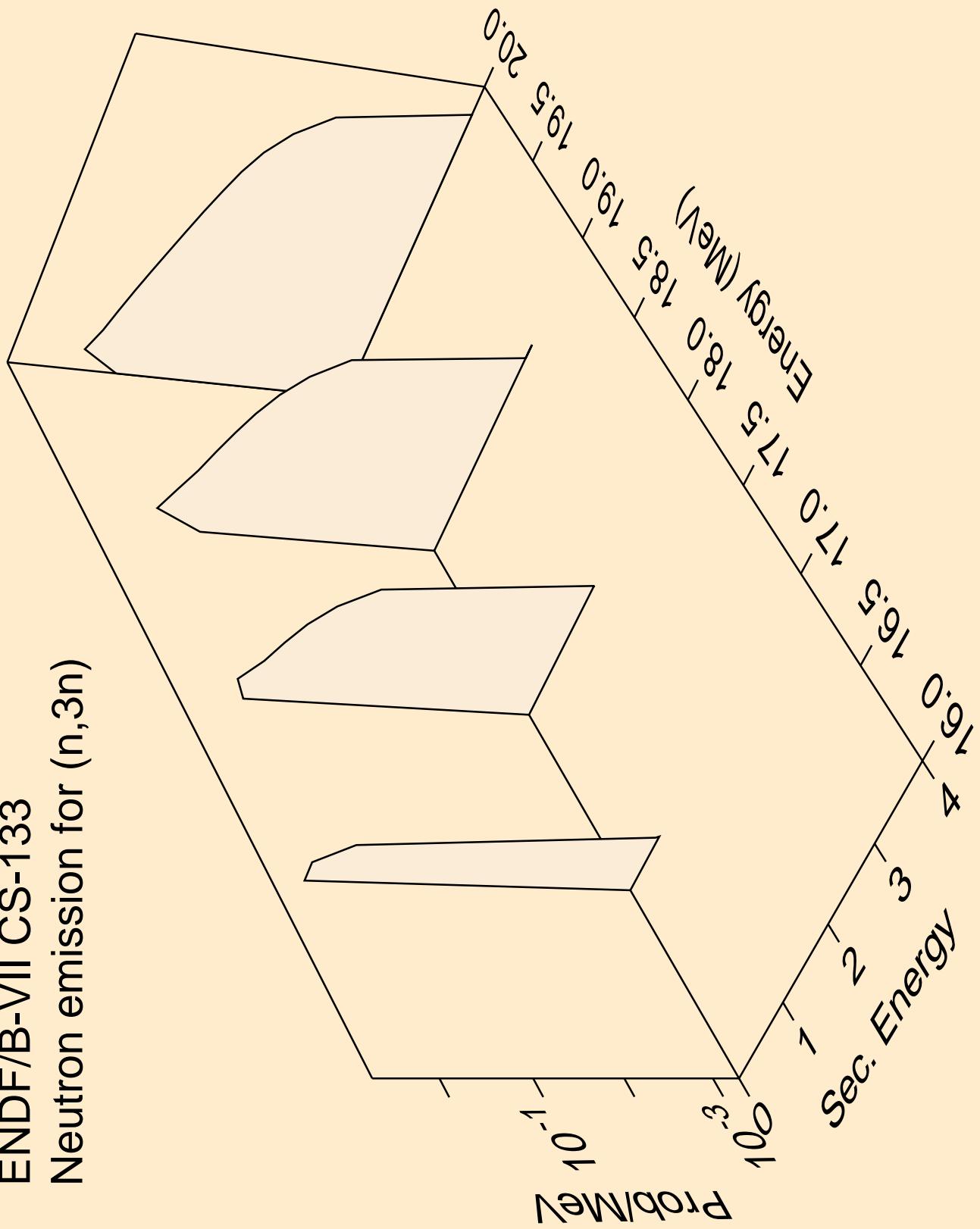
20
18
16
14
12
10
8
6
4
2
0

ENDF/B-VII CS-133

Neutron emission for $(n,2n)$

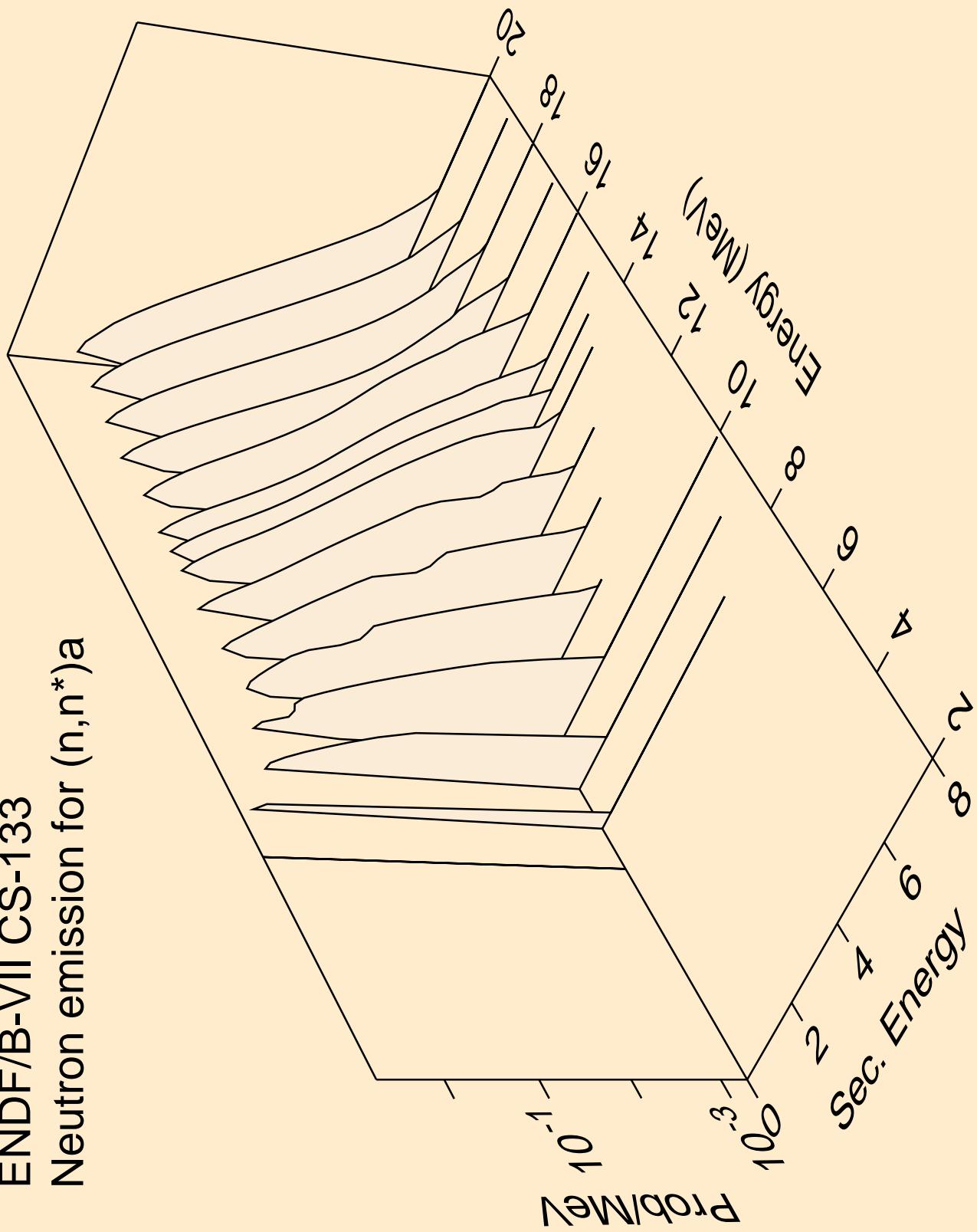


ENDF/B-VII CS-133
Neutron emission for $(n,3n)$



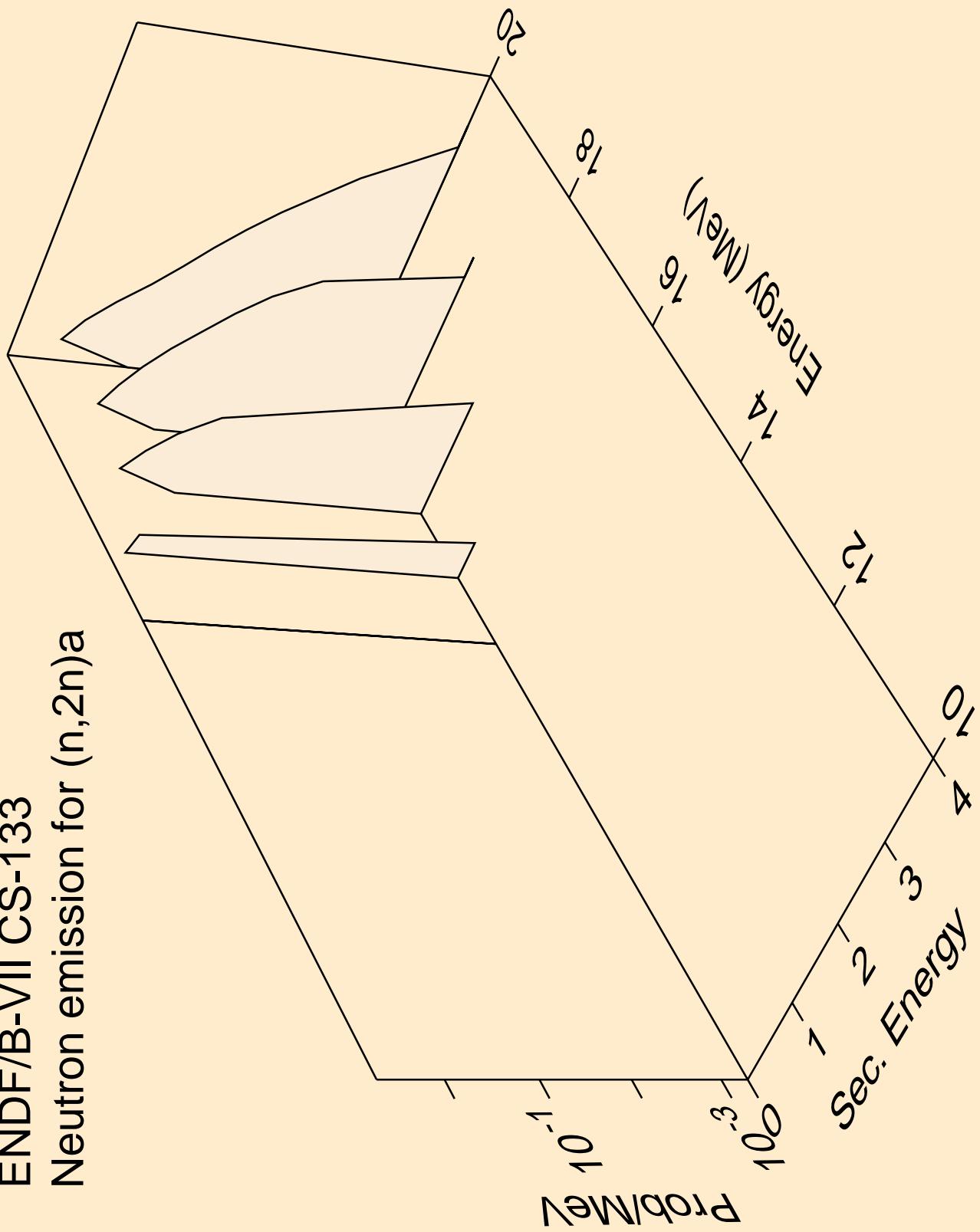
ENDF/B-VII CS-133

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



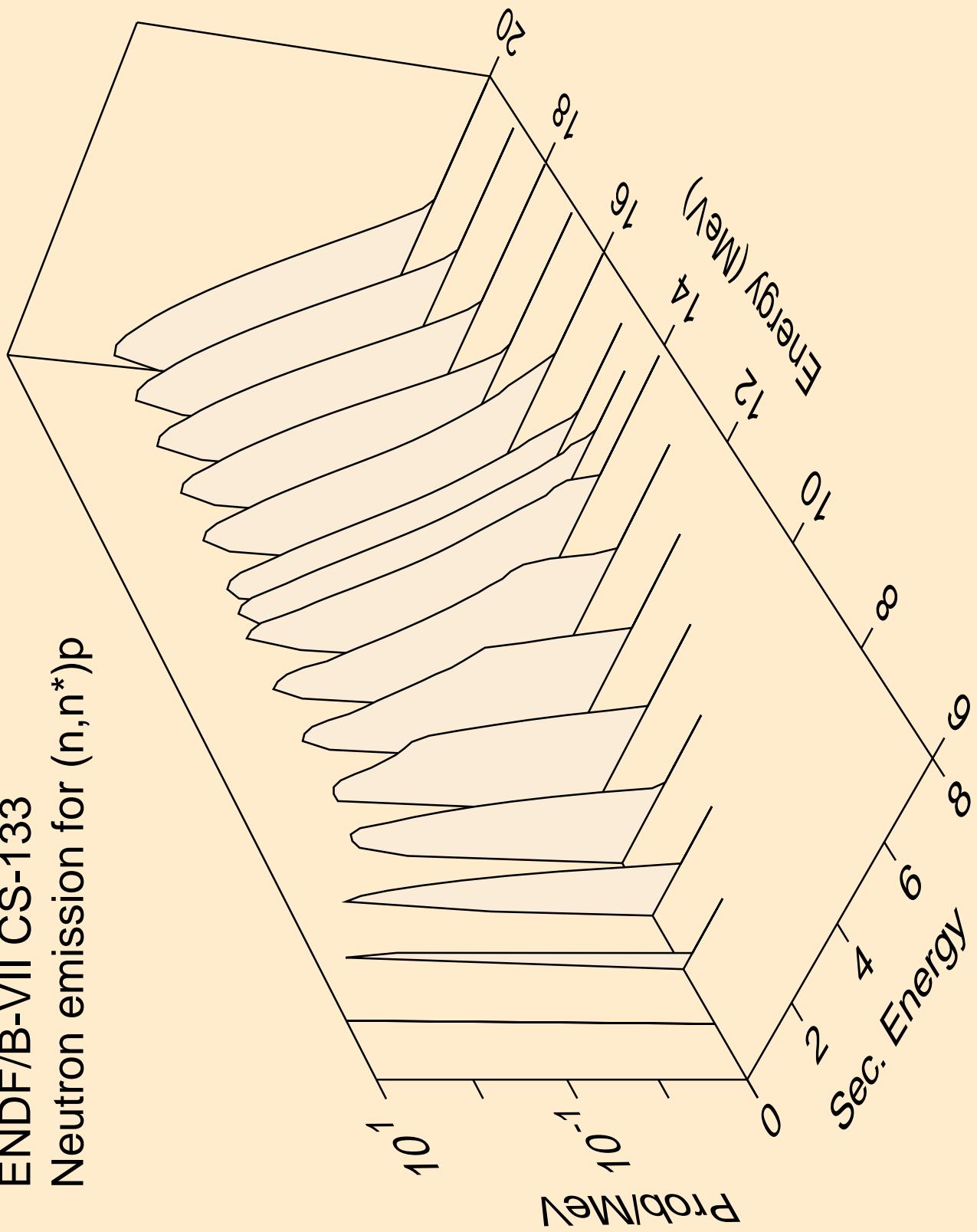
ENDF/B-VII CS-133

Neutron emission for $(n,2n)a$



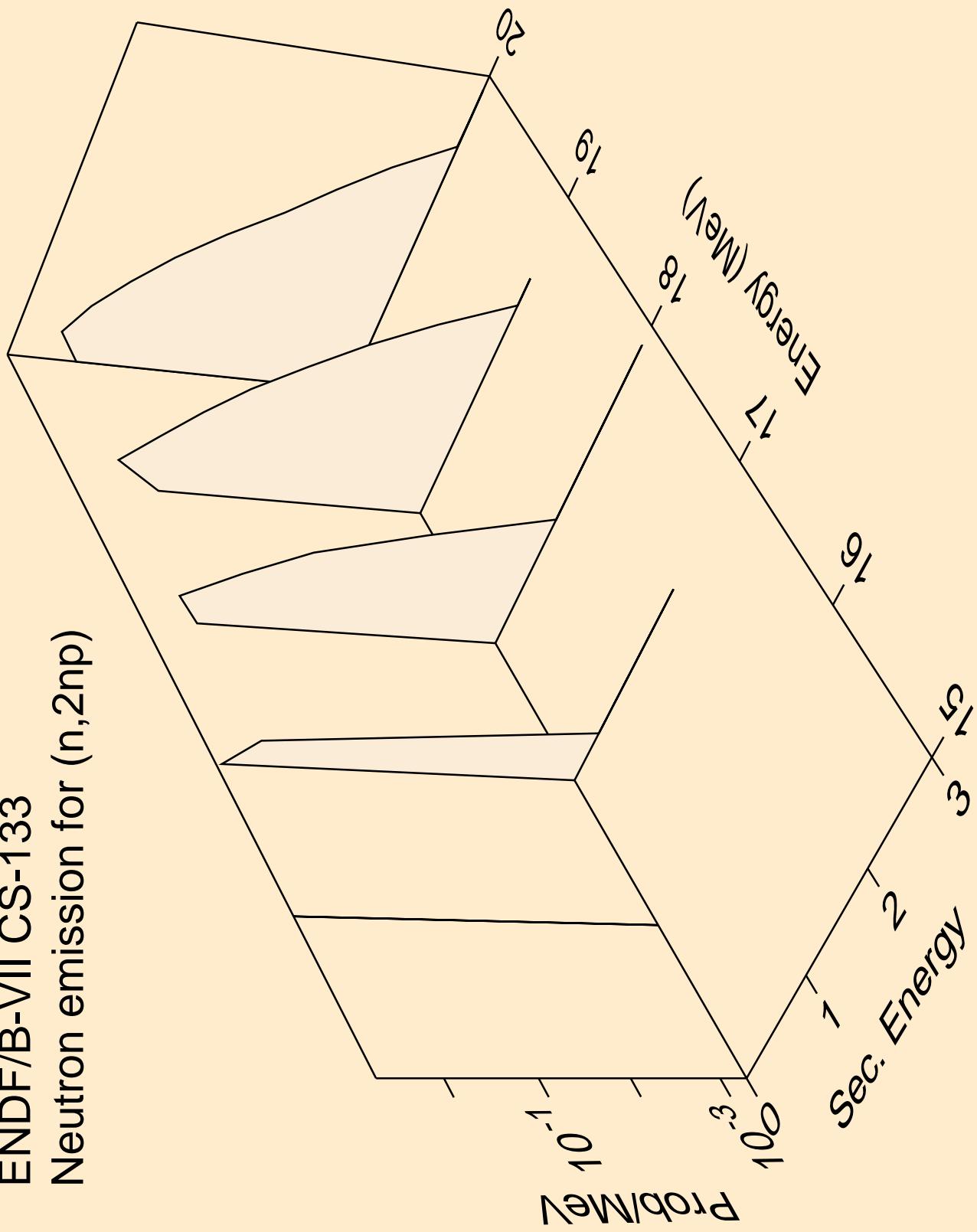
ENDF/B-VII CS-133

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



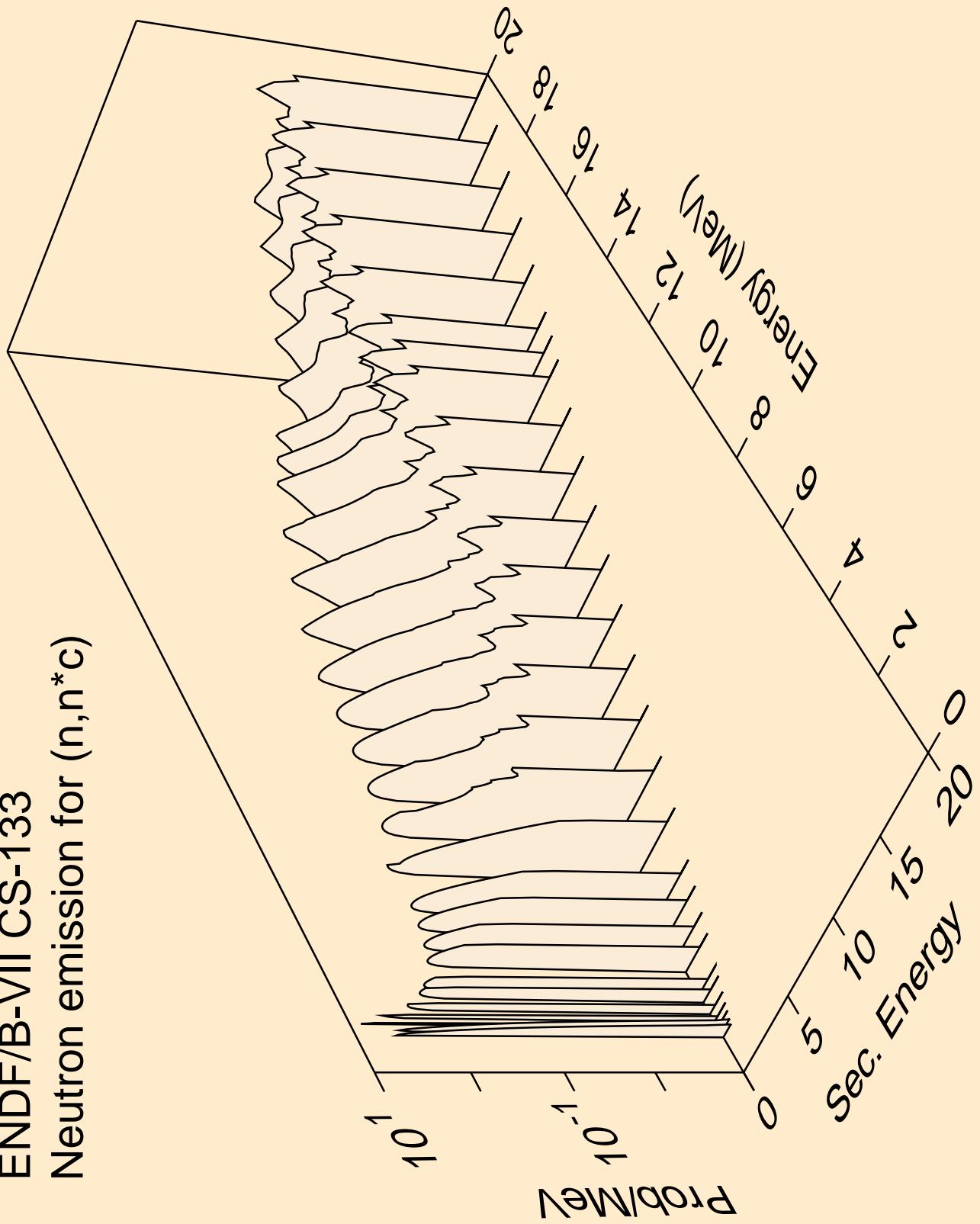
ENDF/B-VII CS-133

Neutron emission for $(n,2np)$

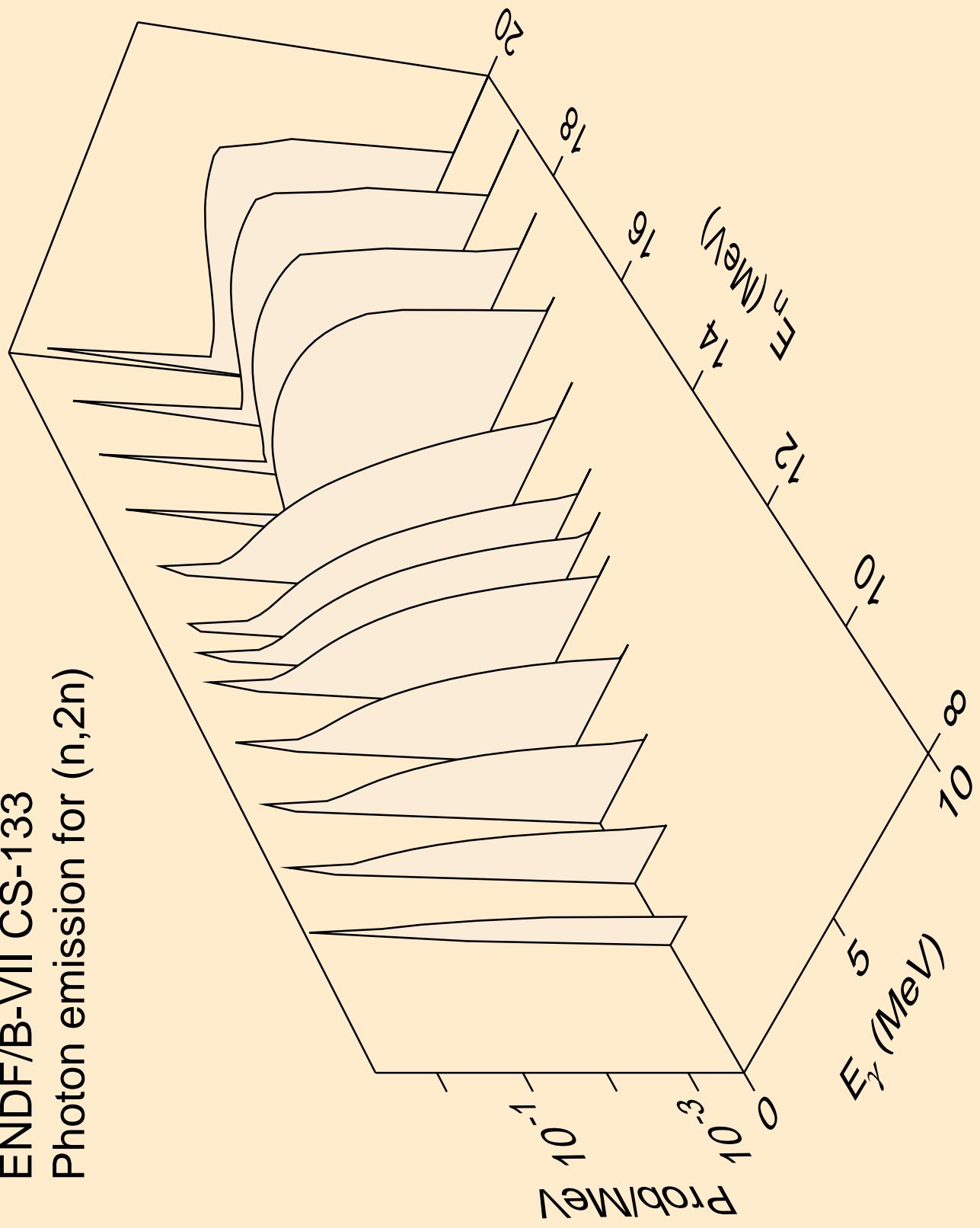


ENDF/B-VII CS-133

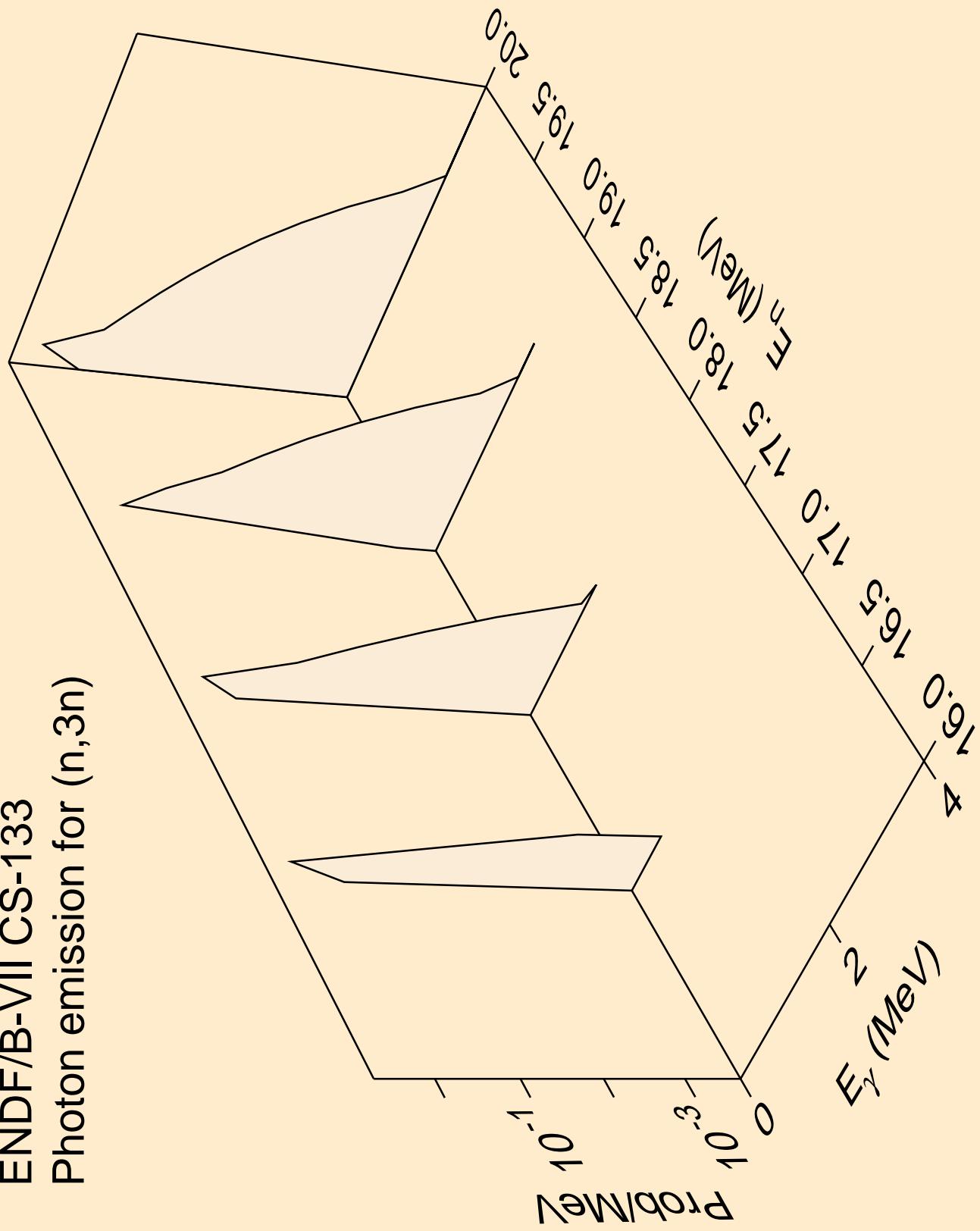
Neutron emission for $(n, n^* c)$



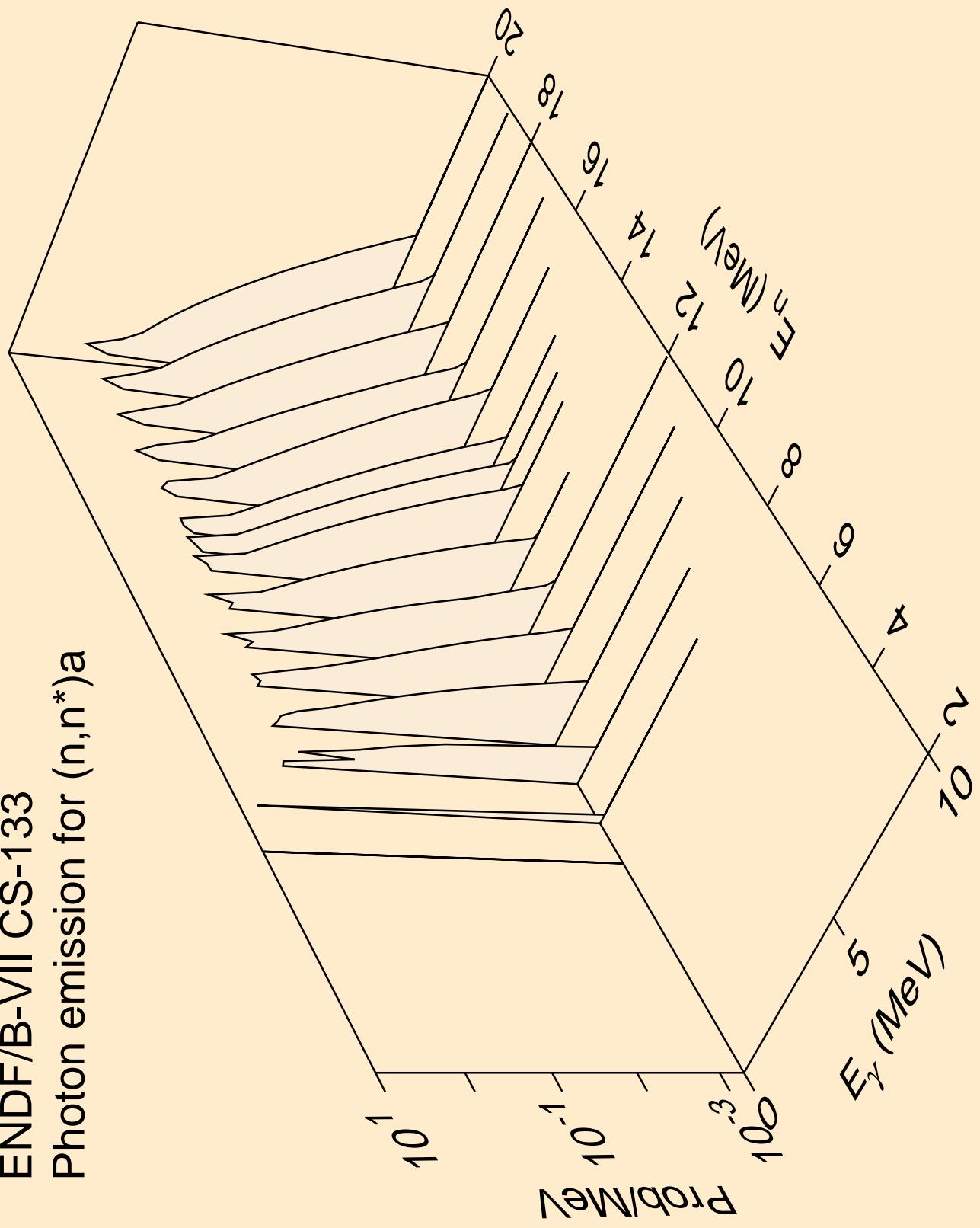
ENDF/B-VII CS-133
Photon emission for $(n,2n)$



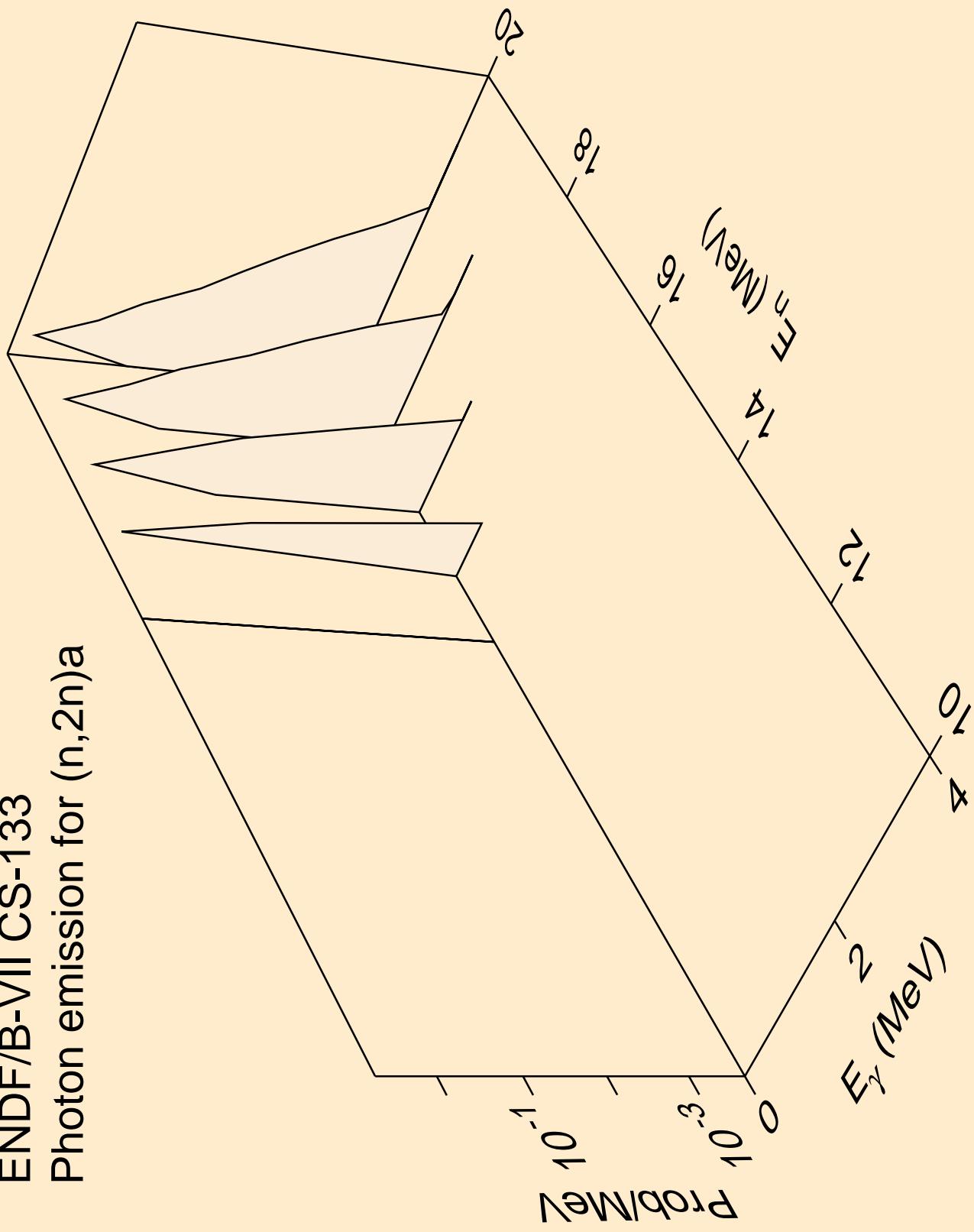
ENDF/B-VII CS-133
Photon emission for $(n,3n)$



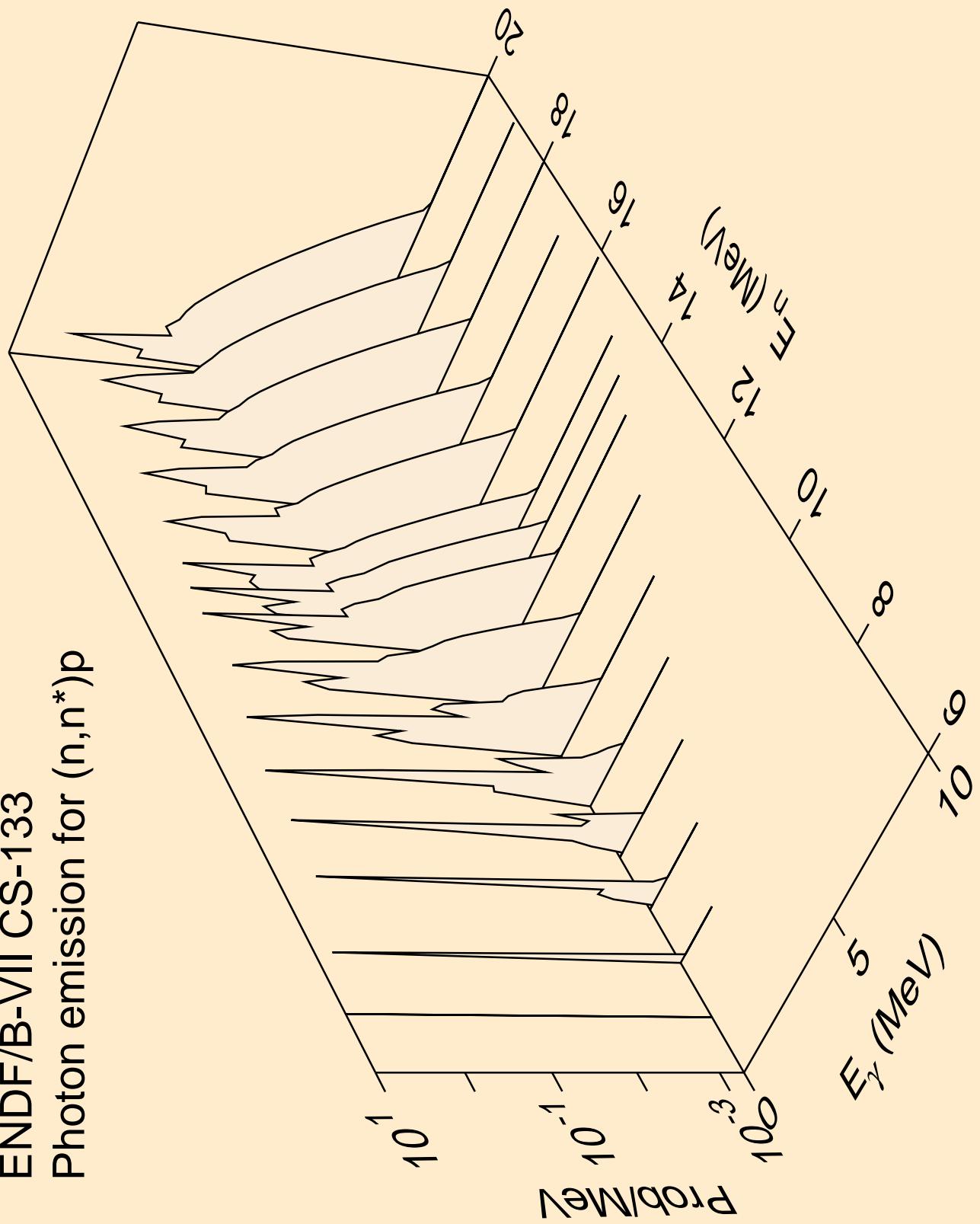
ENDF/B-VII CS-133
Photon emission for $(n, n^*)\alpha$



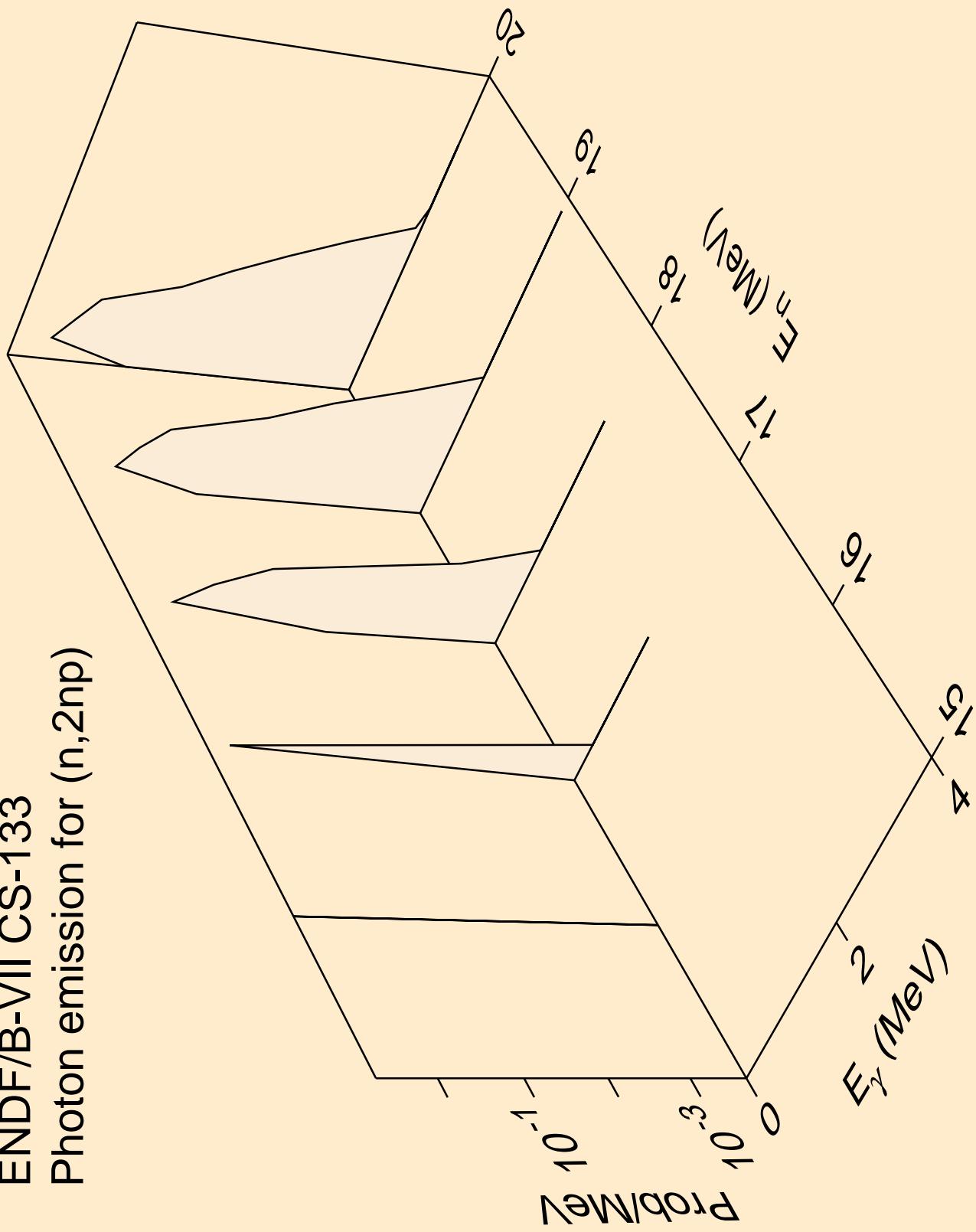
ENDF/B-VII CS-133
Photon emission for $(n,2n)a$



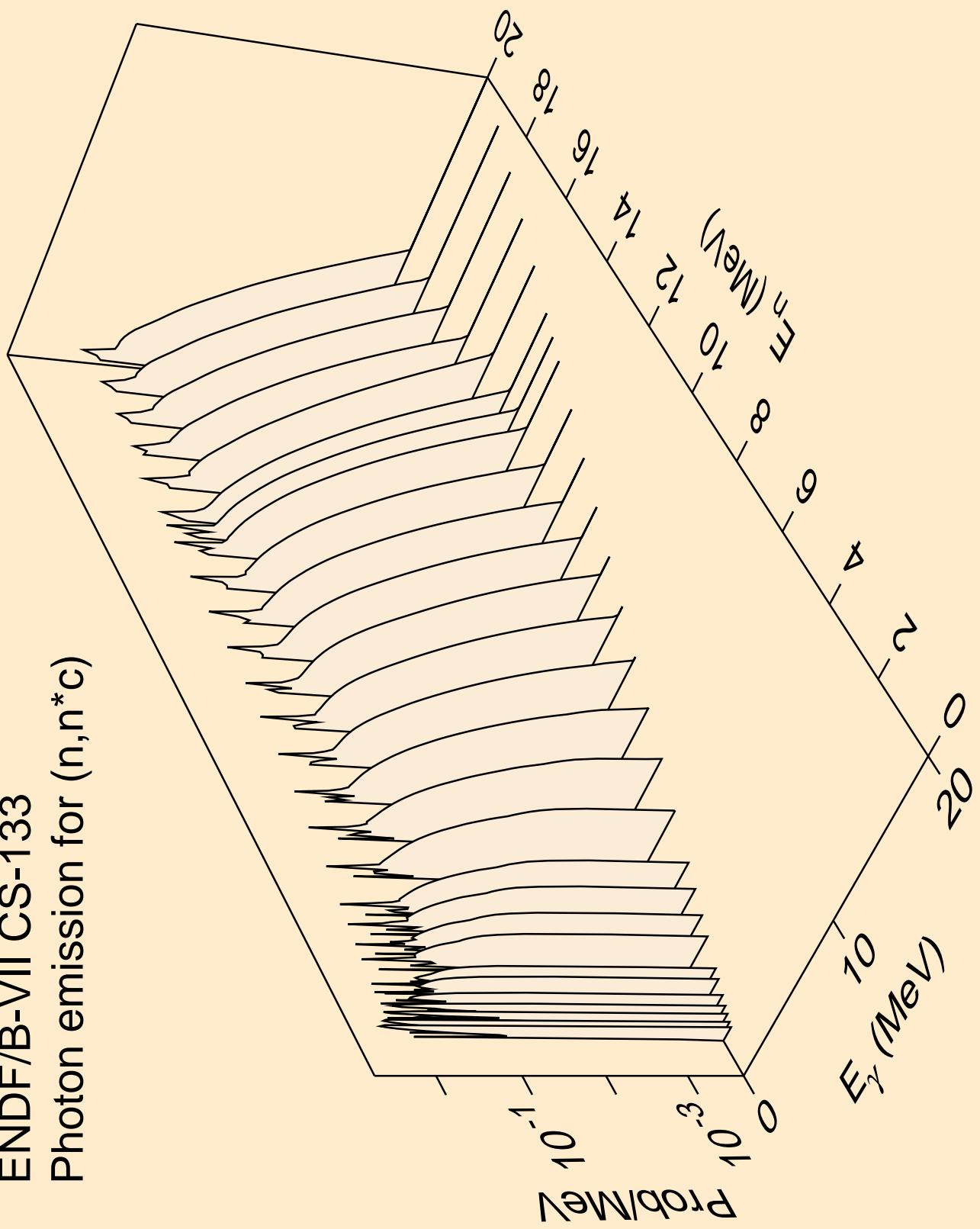
ENDF/B-VII CS-133
Photon emission for $(n, n^*)p$



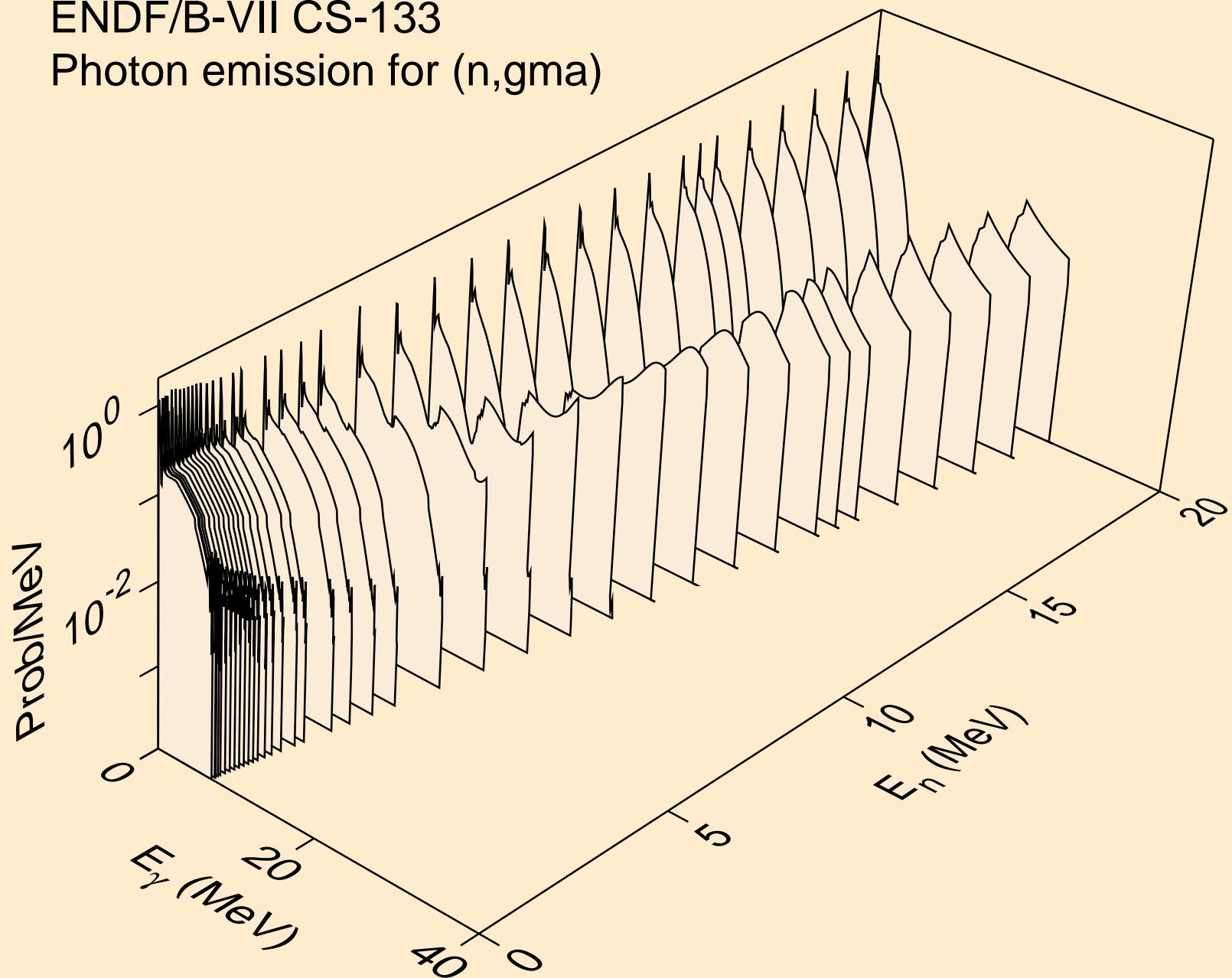
ENDF/B-VII CS-133
Photon emission for ($n, 2np$)



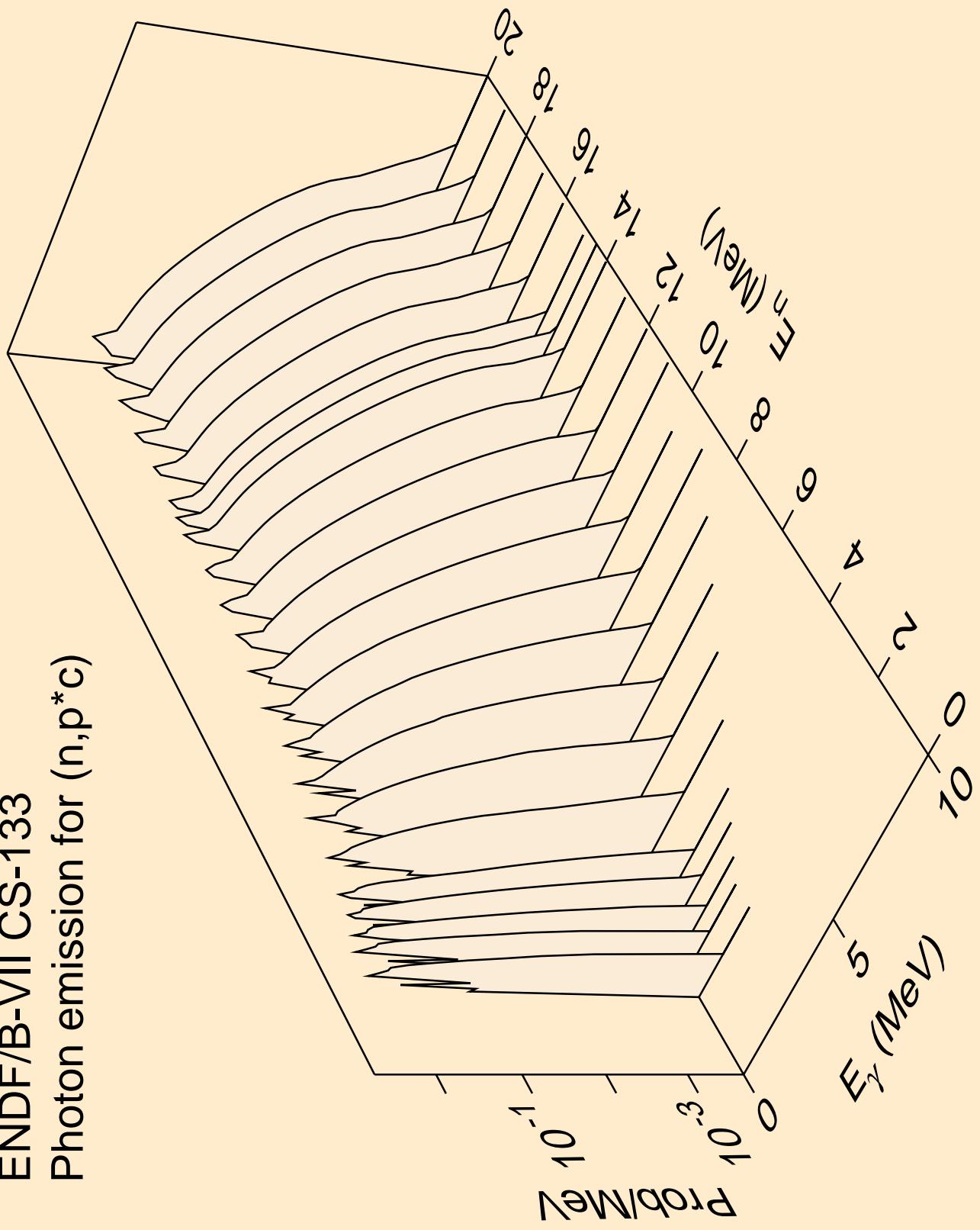
ENDF/B-VII CS-133
Photon emission for (n, n^*c)



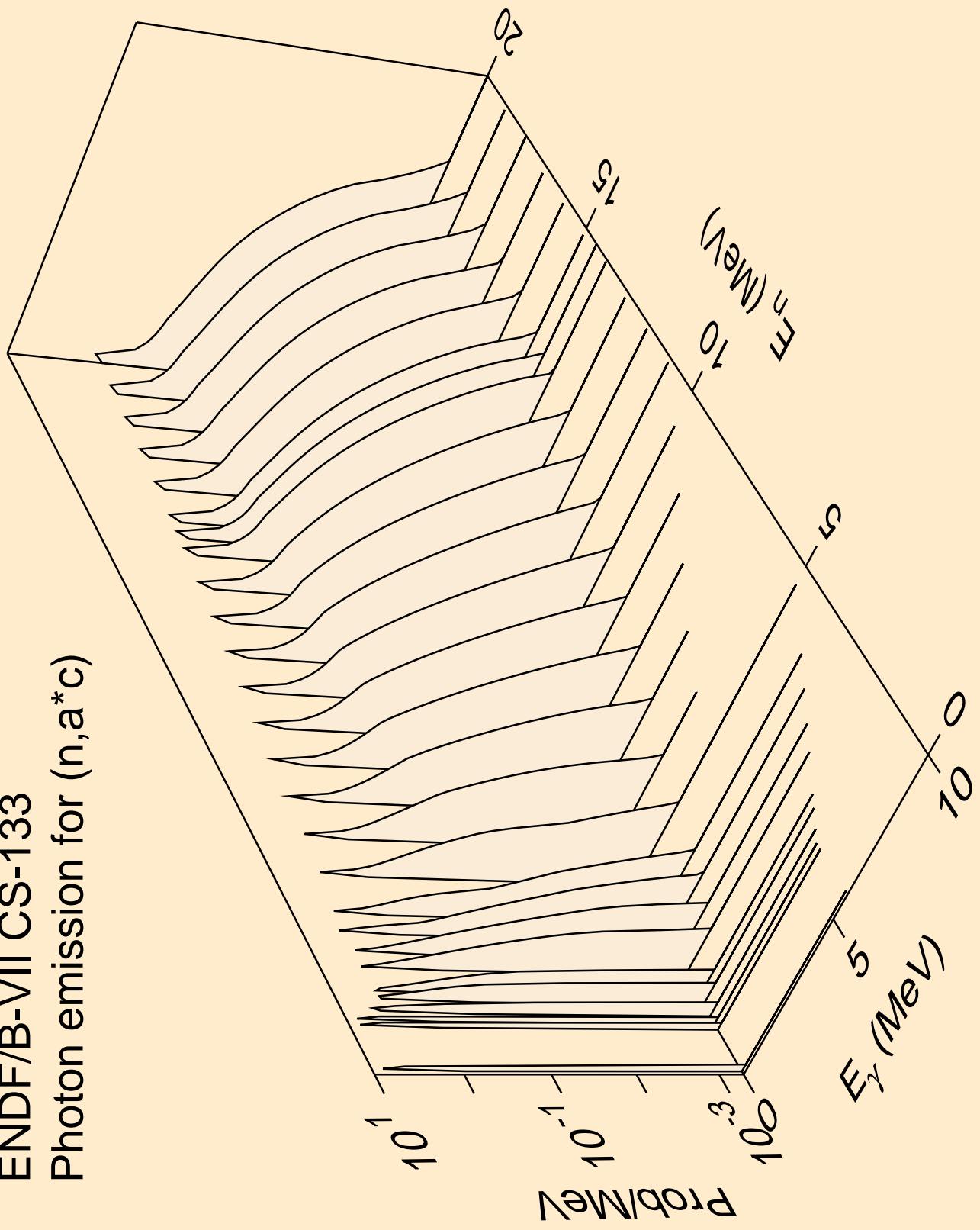
ENDF/B-VII CS-133
Photon emission for (n,gma)



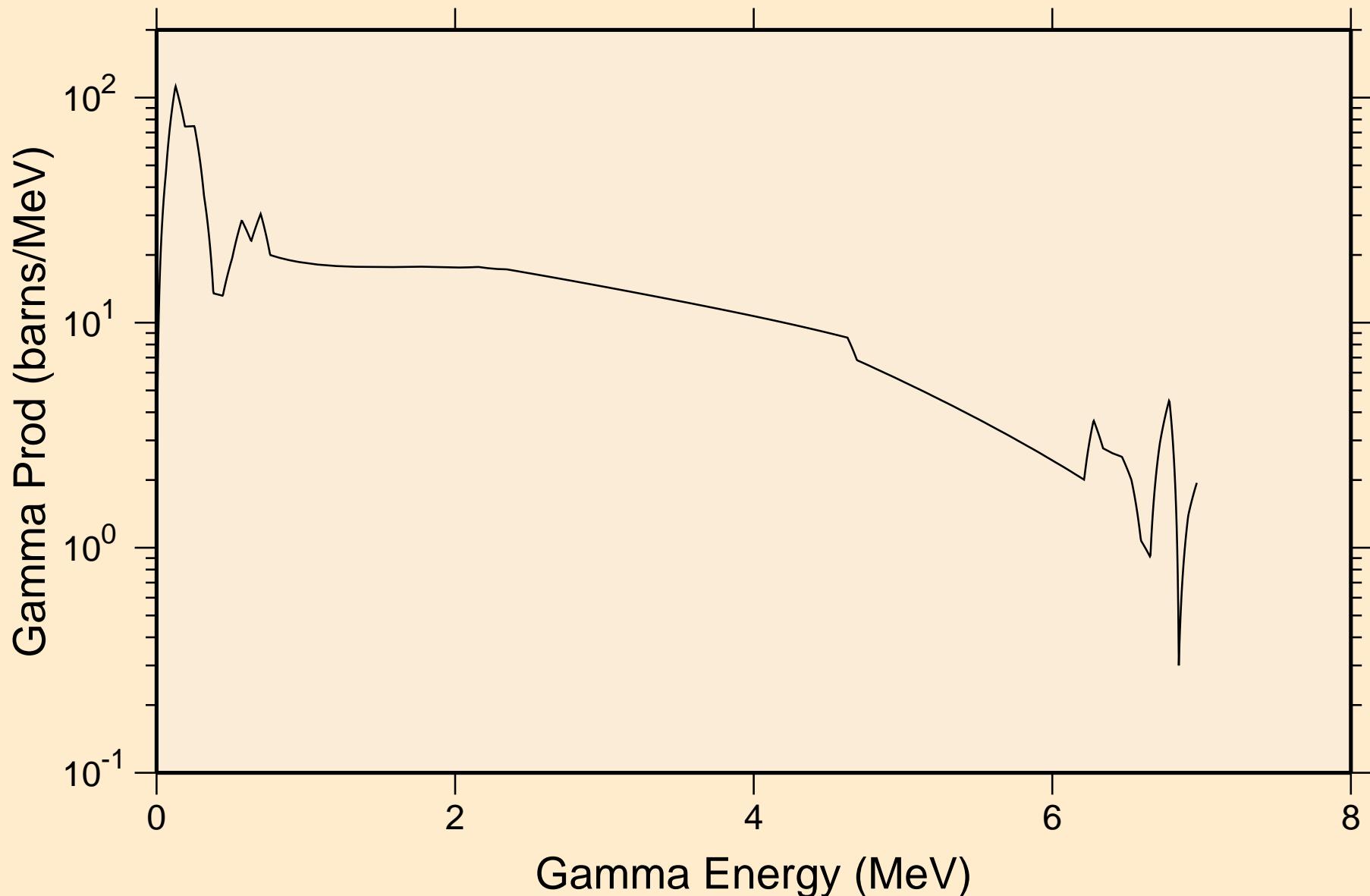
ENDF/B-VII CS-133
Photon emission for $(n, p^* c)$



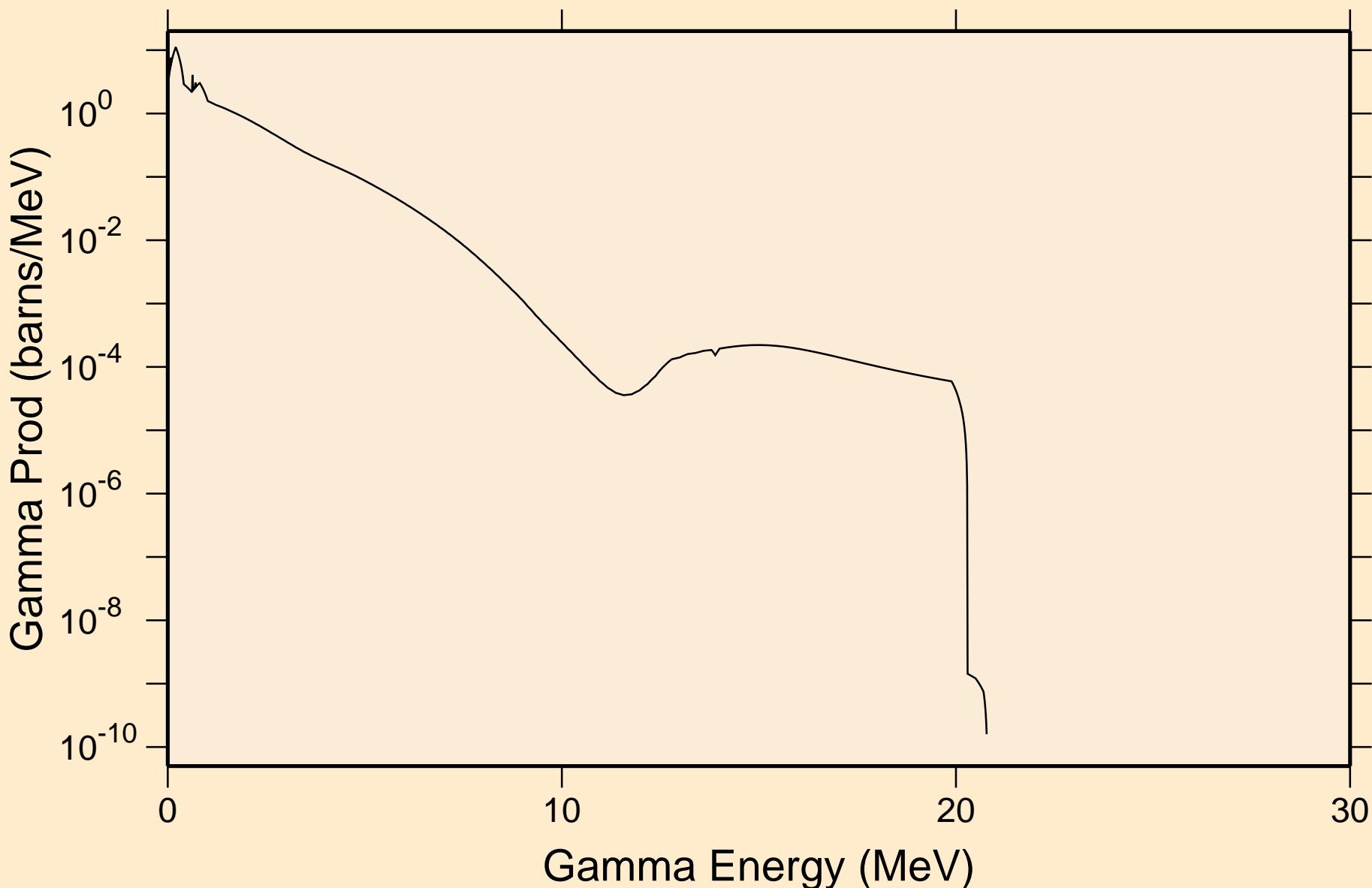
ENDF/B-VII CS-133
Photon emission for $(n, a^* c)$



ENDF/B-VII CS-133
thermal capture photon spectrum

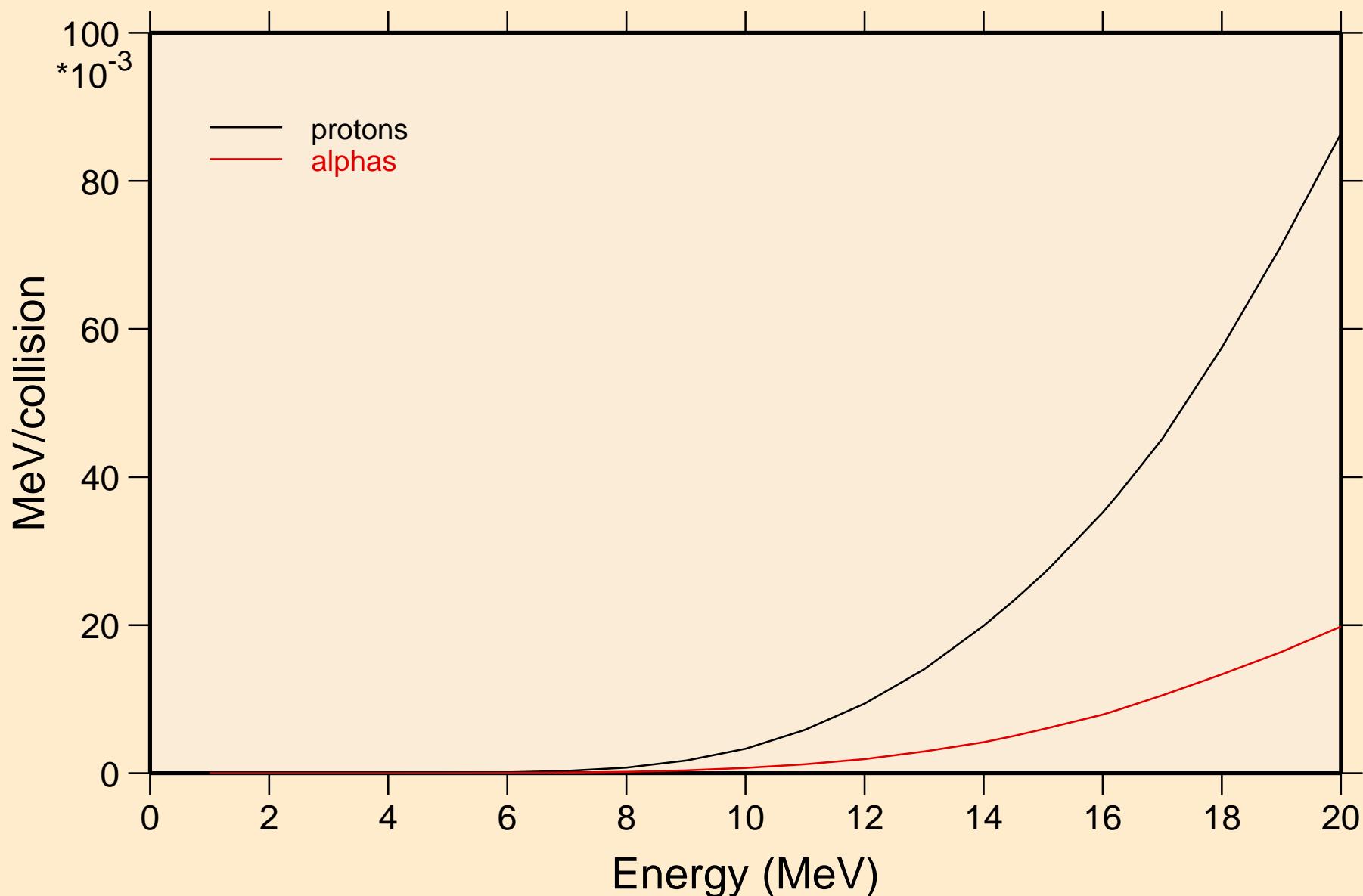


ENDF/B-VII CS-133
14 MeV photon spectrum



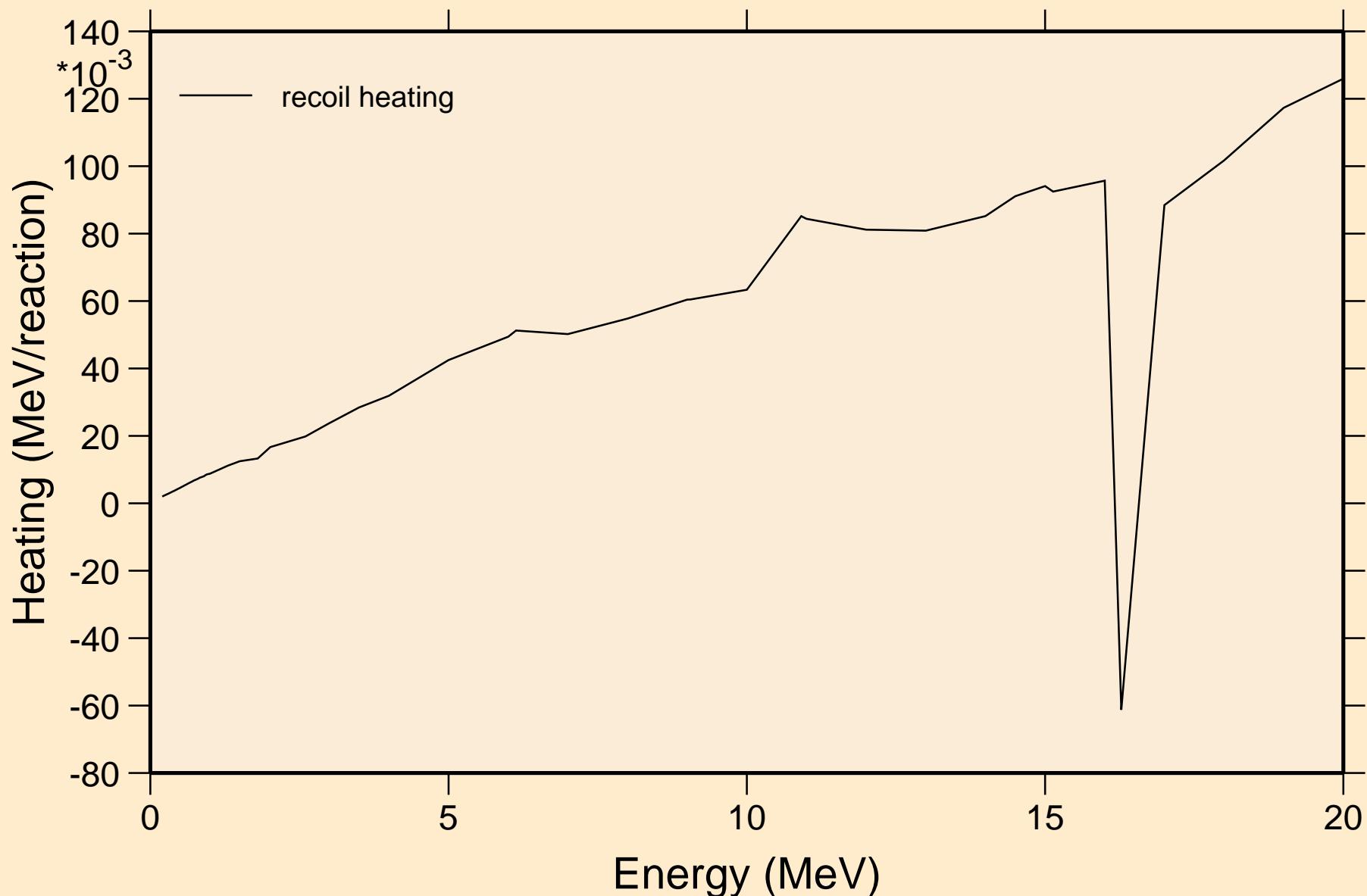
ENDF/B-VII CS-133

Particle heating contributions



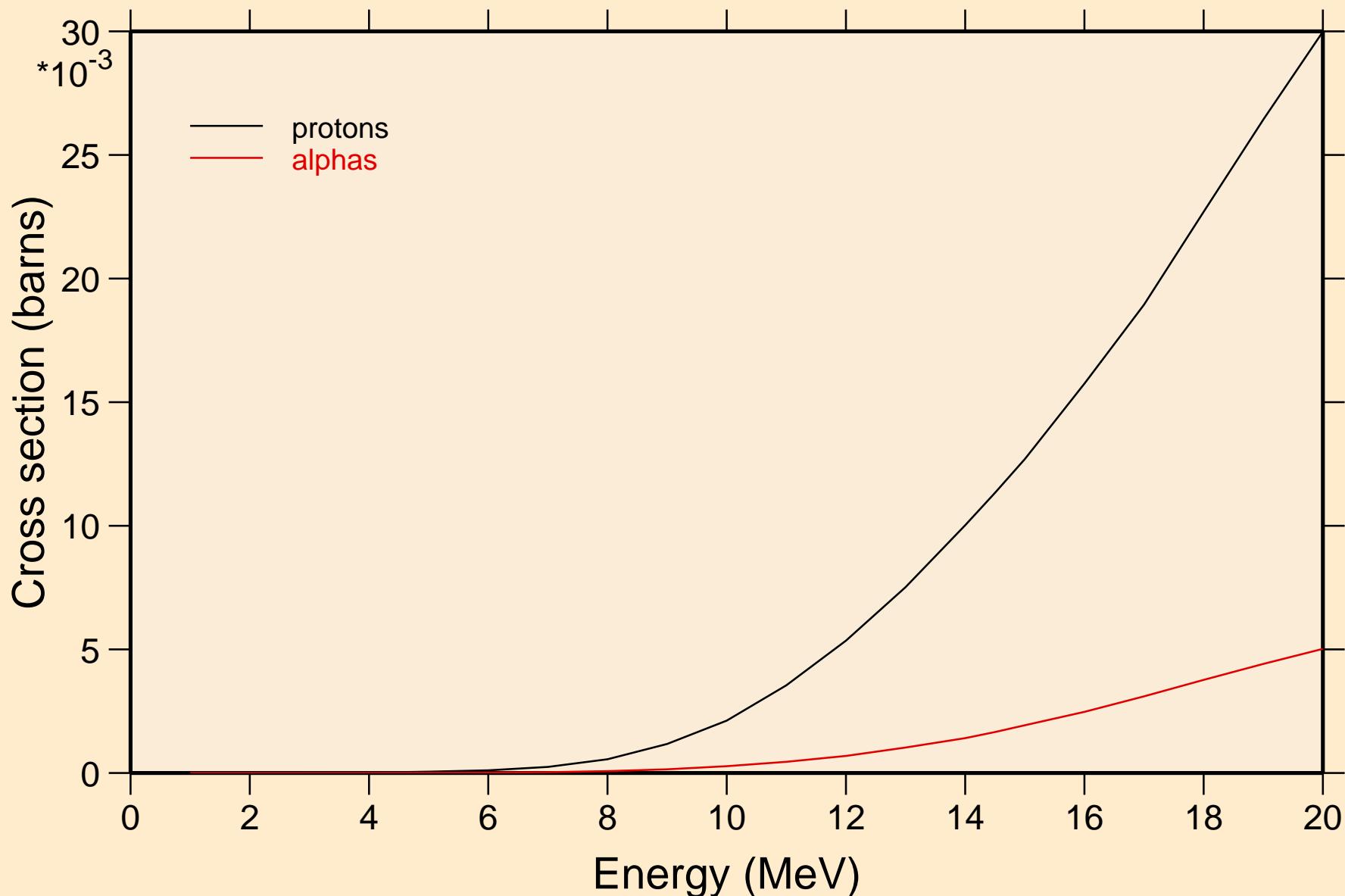
ENDF/B-VII CS-133

Recoil Heating

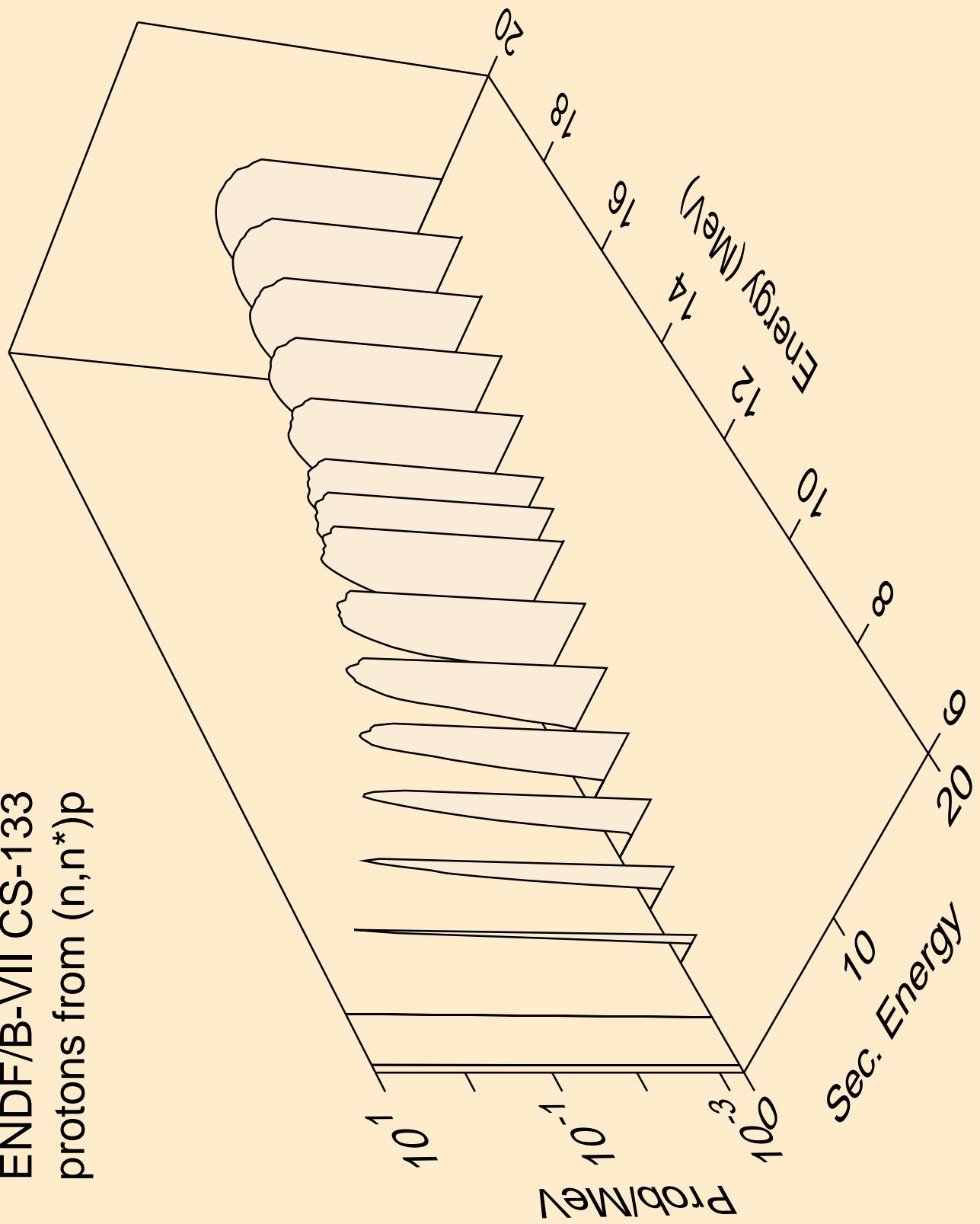


ENDF/B-VII CS-133

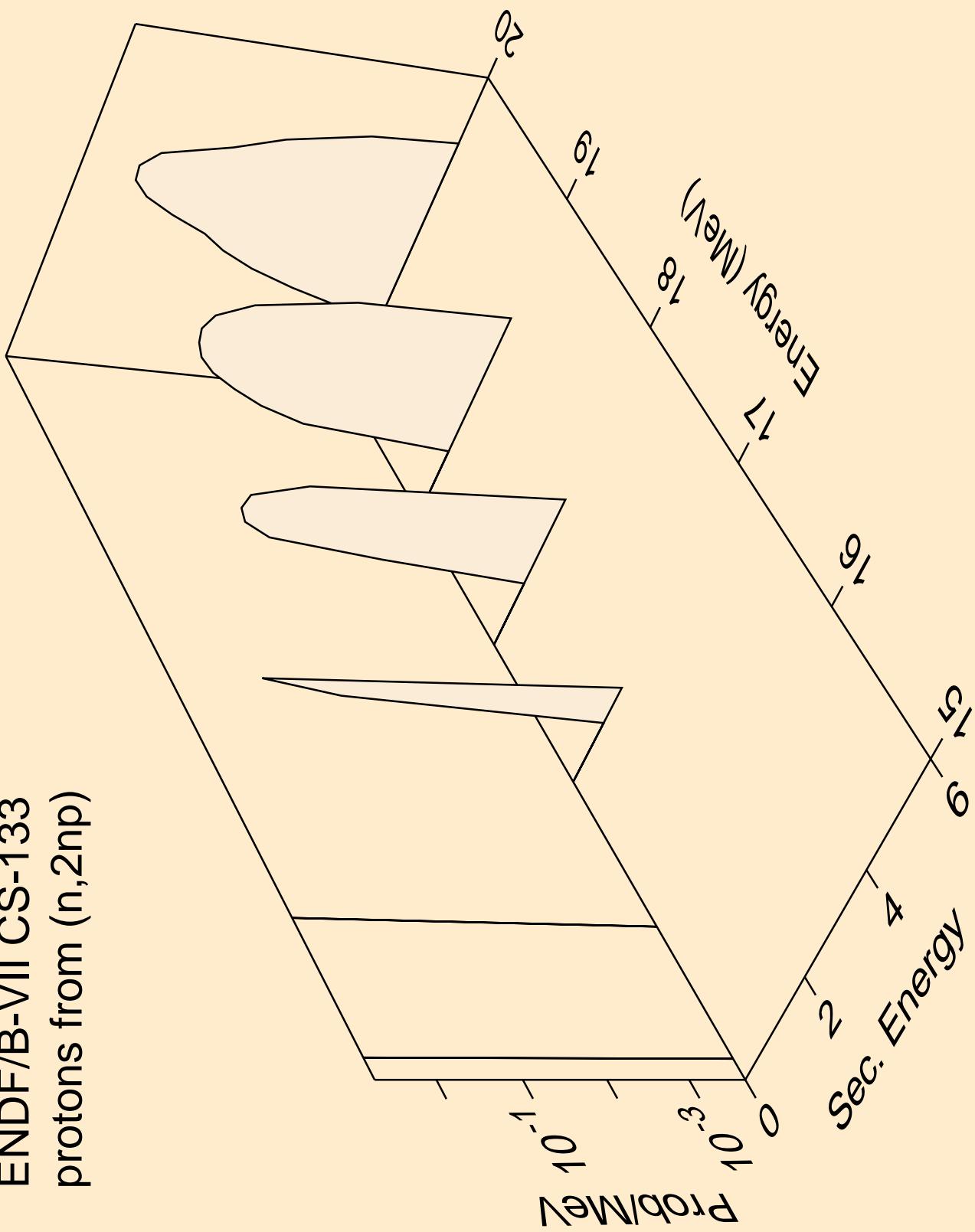
Particle production cross sections



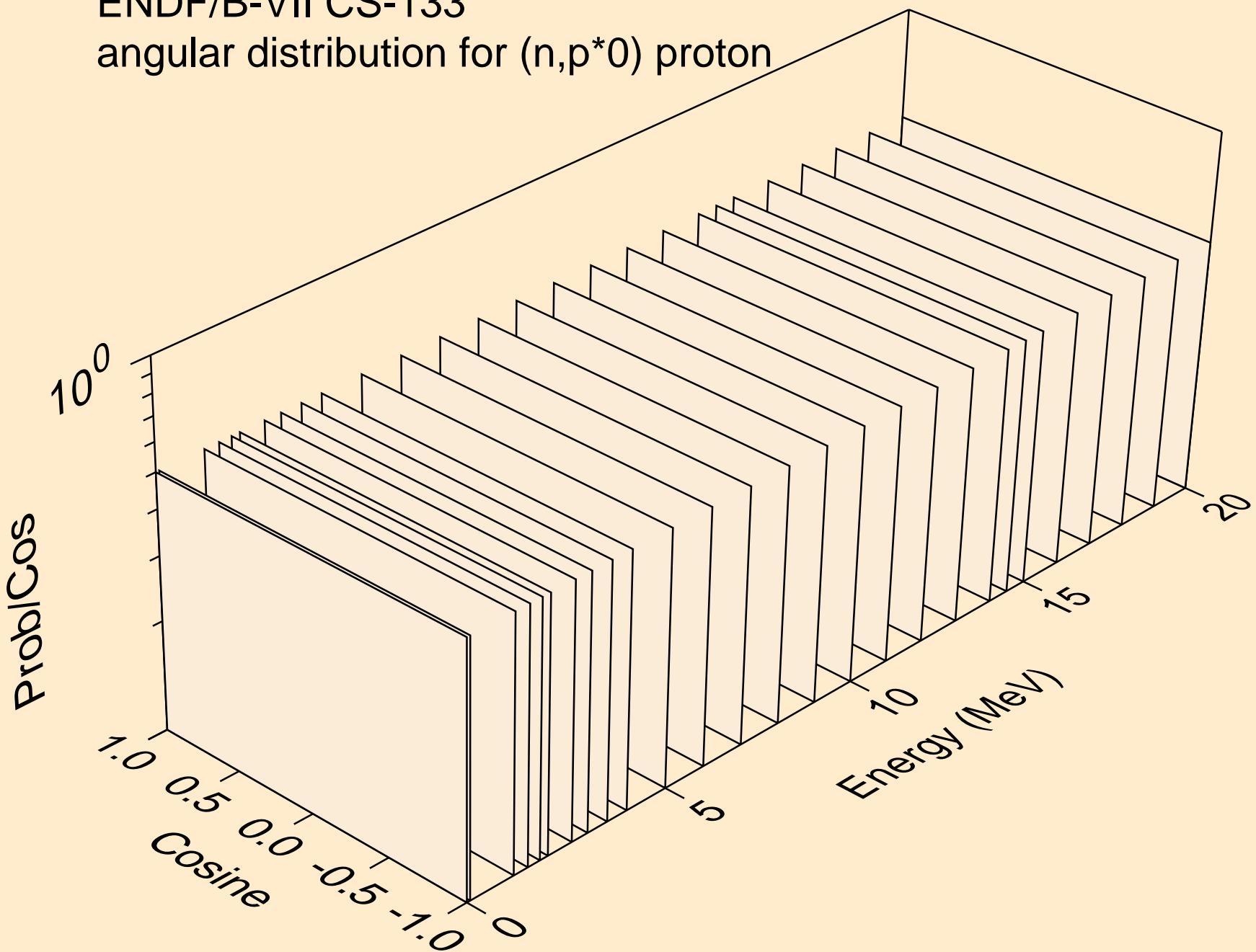
ENDF/B-VII CS-133
protons from $(n, n^*)p$



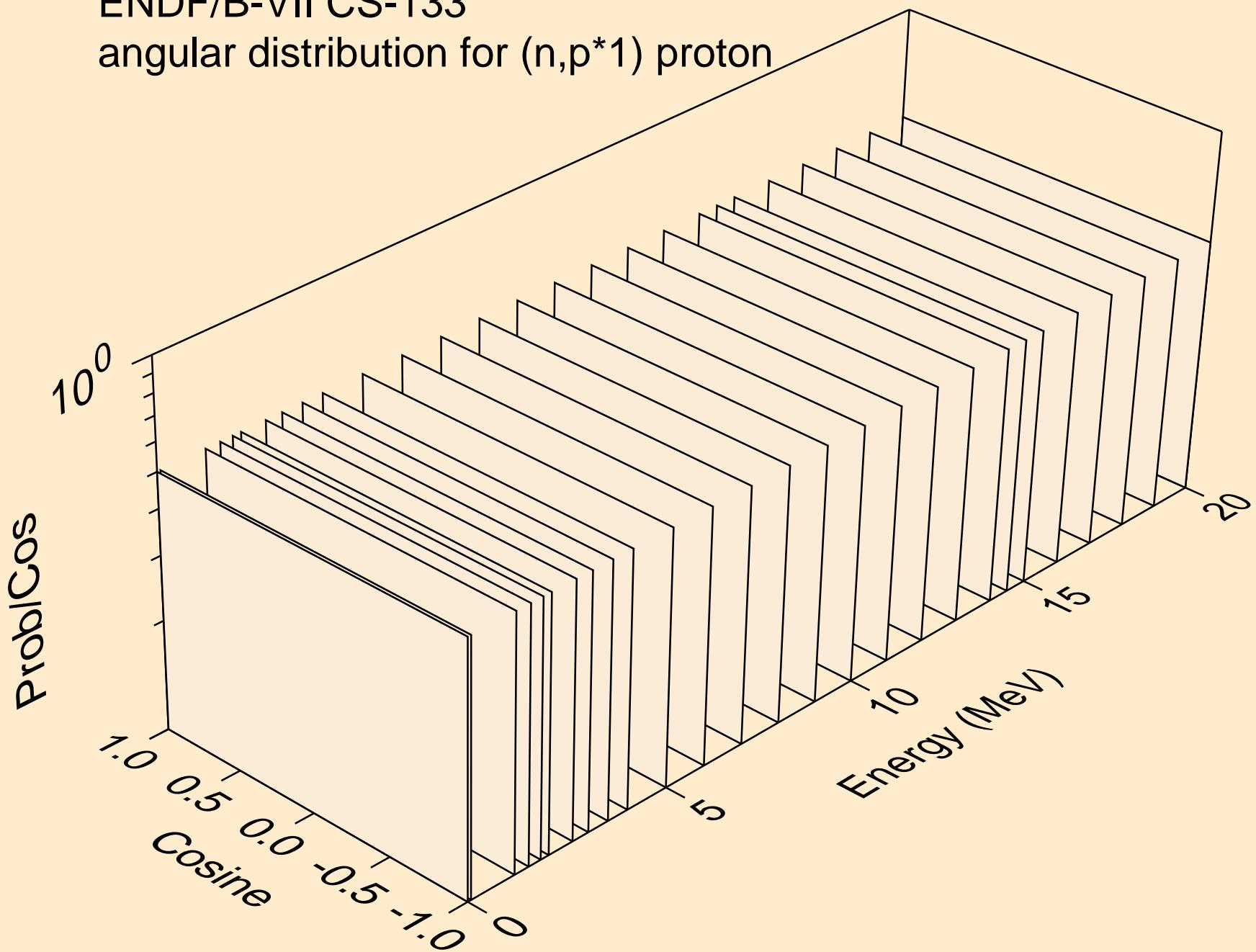
ENDF/B-VII CS-133
protons from ($n, 2np$)



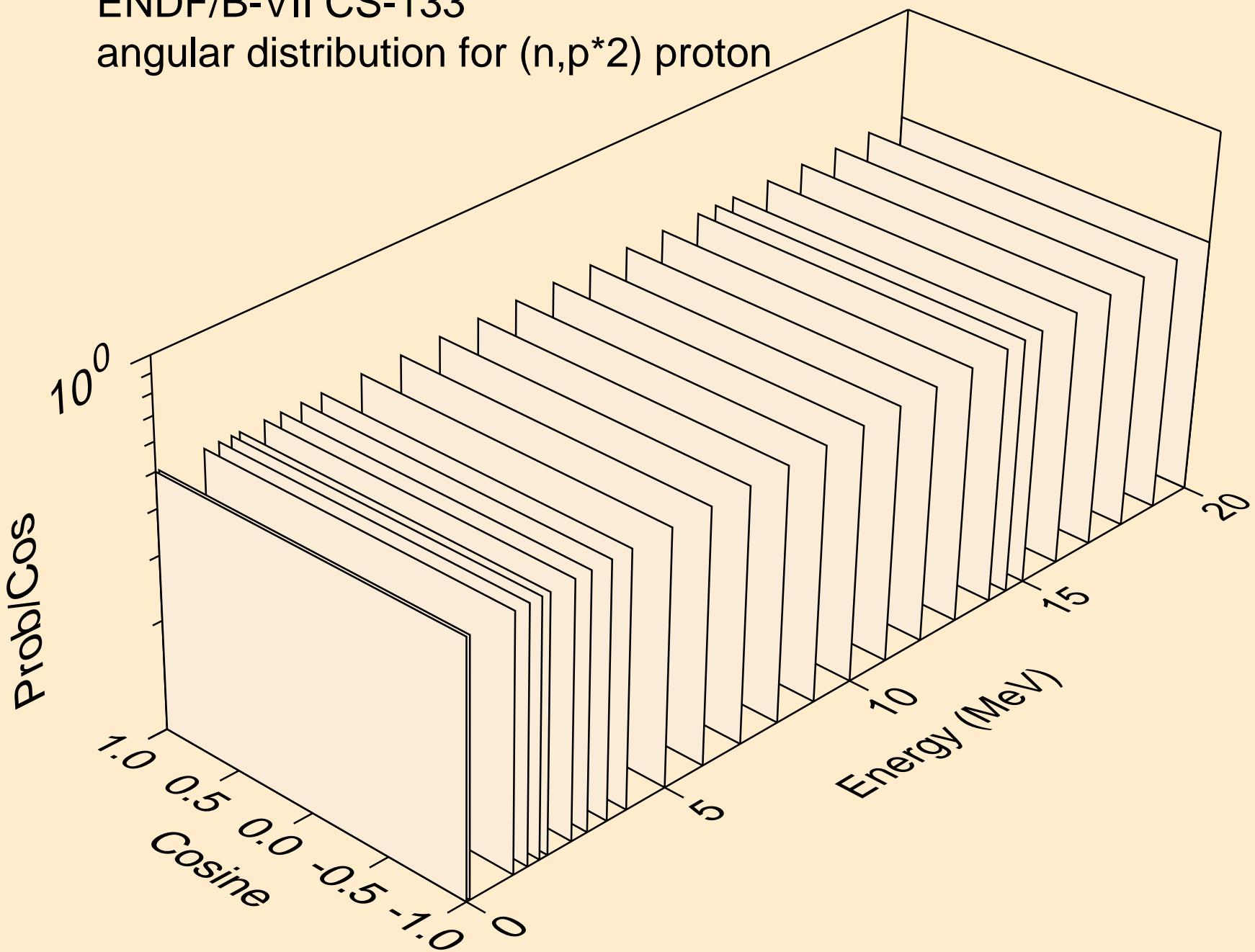
ENDF/B-VII CS-133
angular distribution for (n,p^*0) proton



ENDF/B-VII CS-133
angular distribution for (n,p*1) proton



ENDF/B-VII CS-133
angular distribution for (n,p^*2) proton



ENDF/B-VII CS-133

angular distribution for (n,p*3) proton

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Σ_{Energy} (MeV)

θ

ENDF/B-VII CS-133

angular distribution for (n,p^*4) proton

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Σ_{Energy} (MeV)

θ

Δ

φ

ψ

ENDF/B-VII CS-133

angular distribution for (n,p^*5) proton

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 CS-133

angular distribution for (n,p^*6) proton

10^0

Prob/Cos

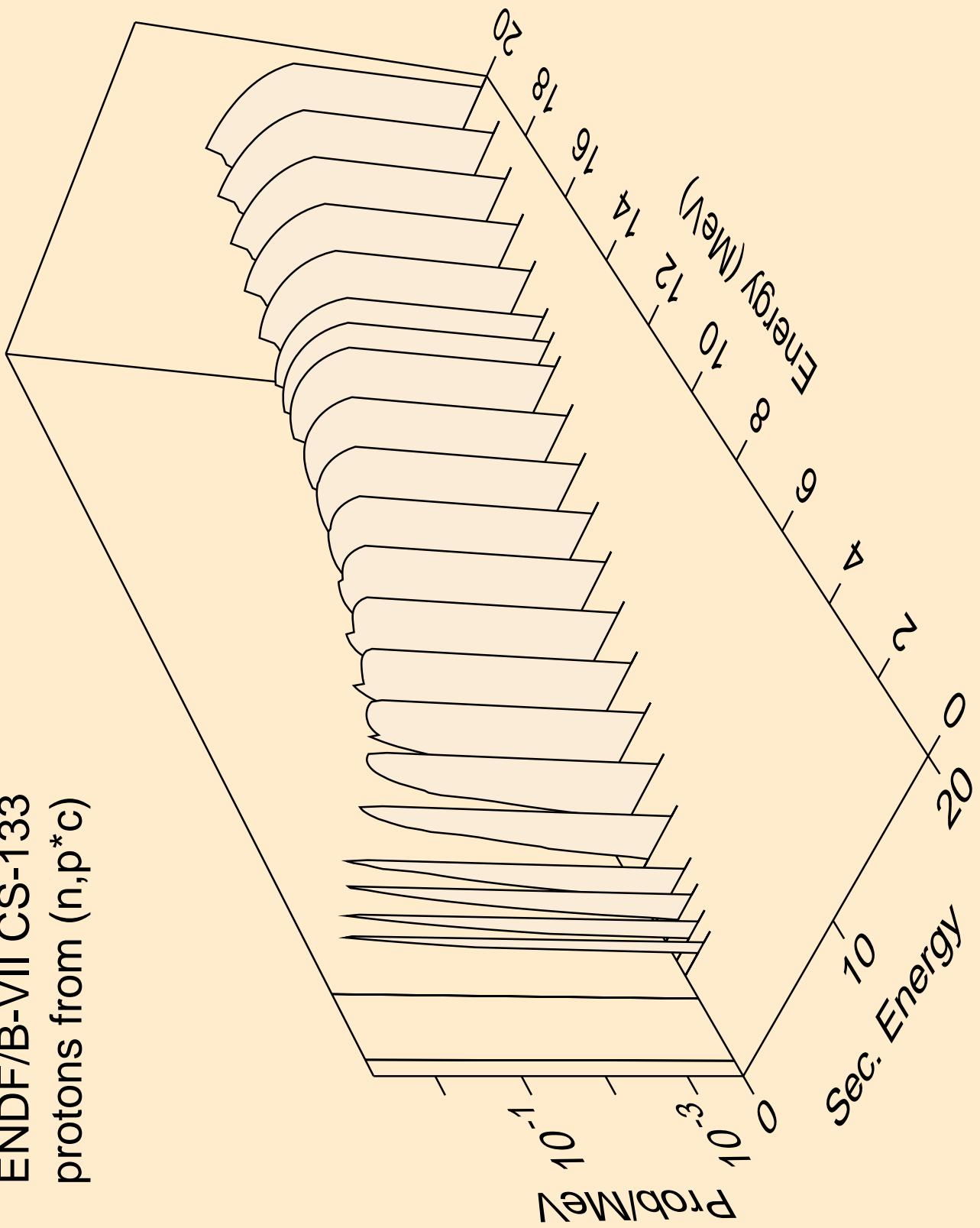
1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

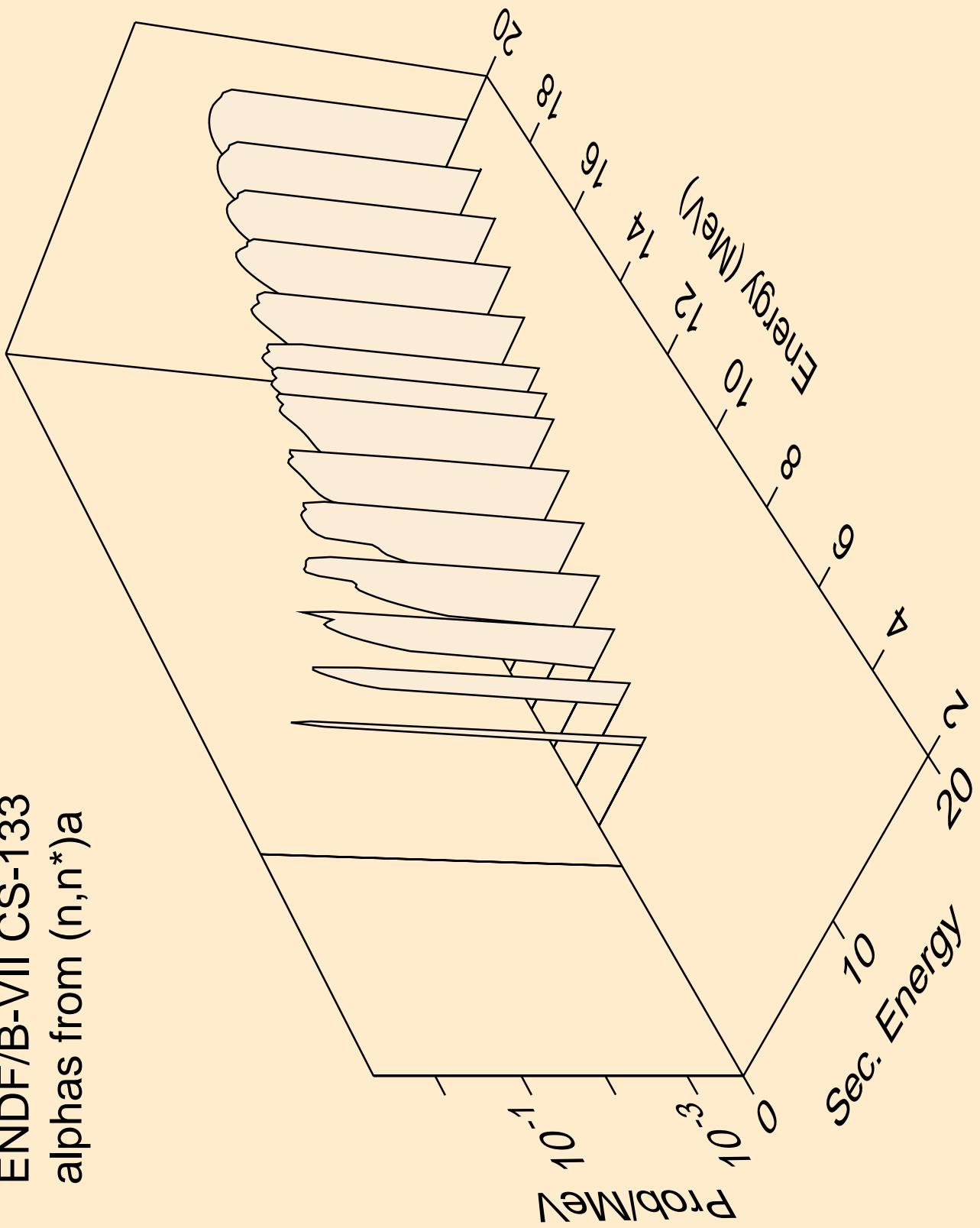
20 18 16 14 12 10 8 6 4 2 0

20 18 16 14 12 10 8 6 4 2 0

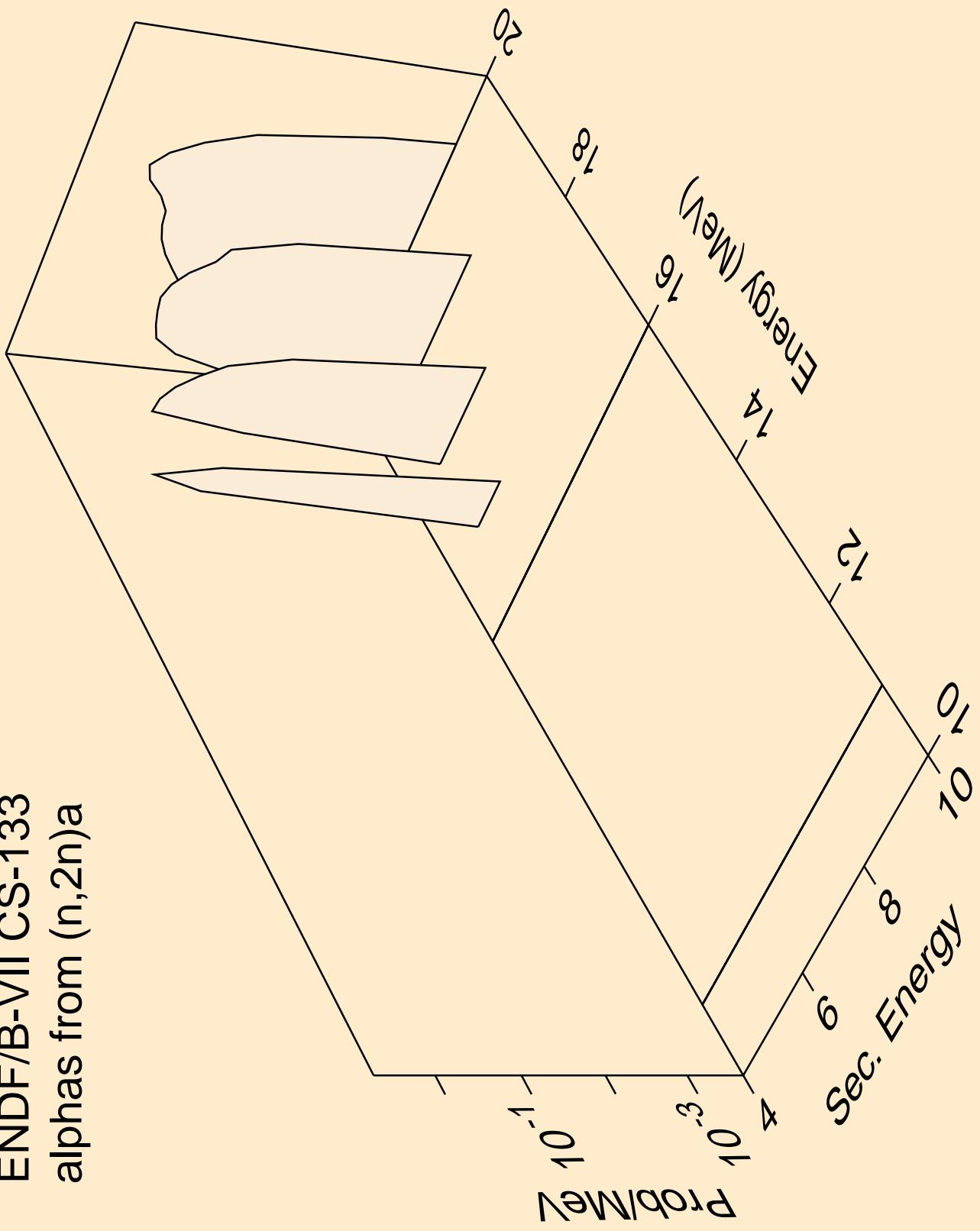
ENDF/B-VII CS-133
protons from (n, p^*c)



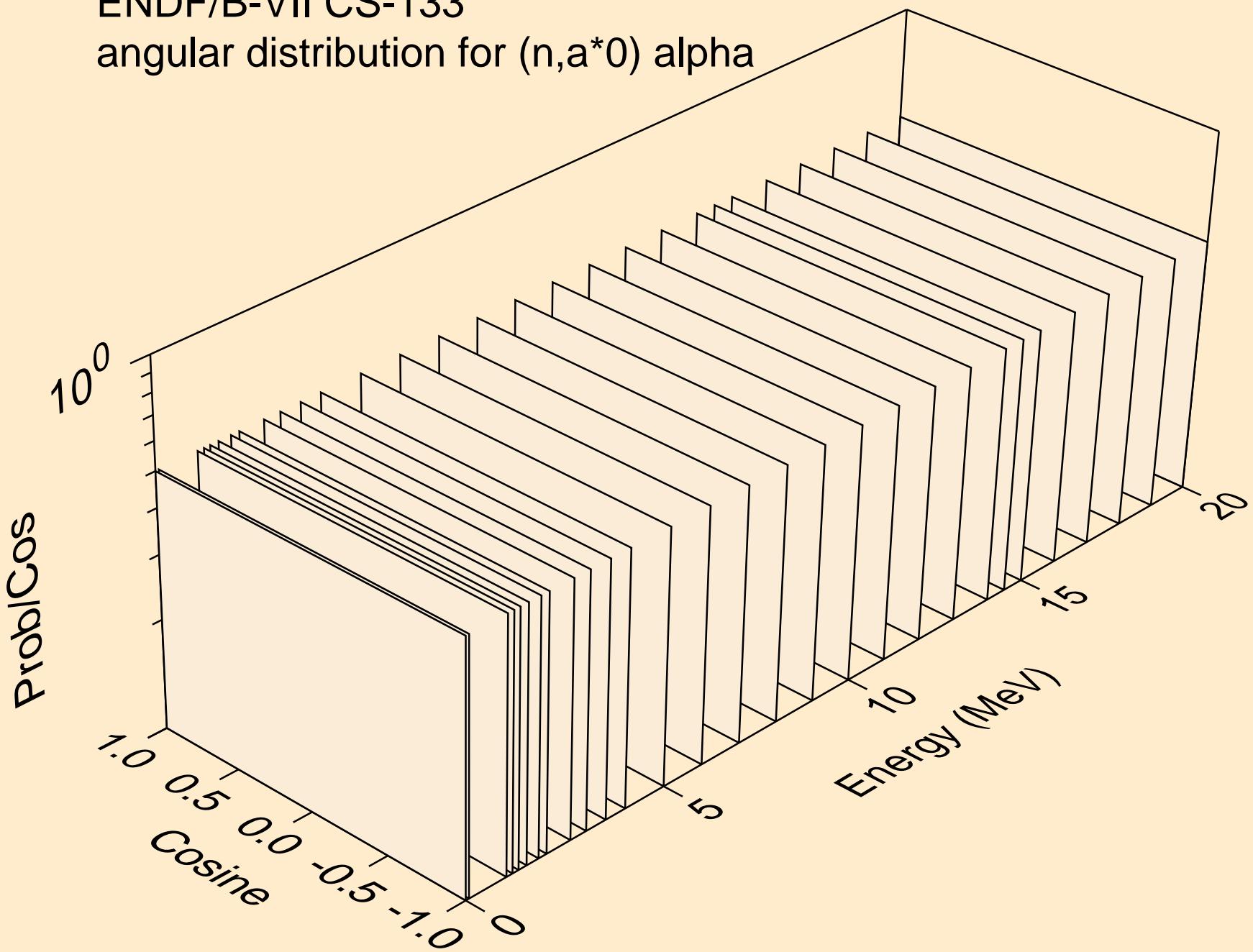
ENDF/B-VII CS-133
alphas from $(n, n^*)\alpha$



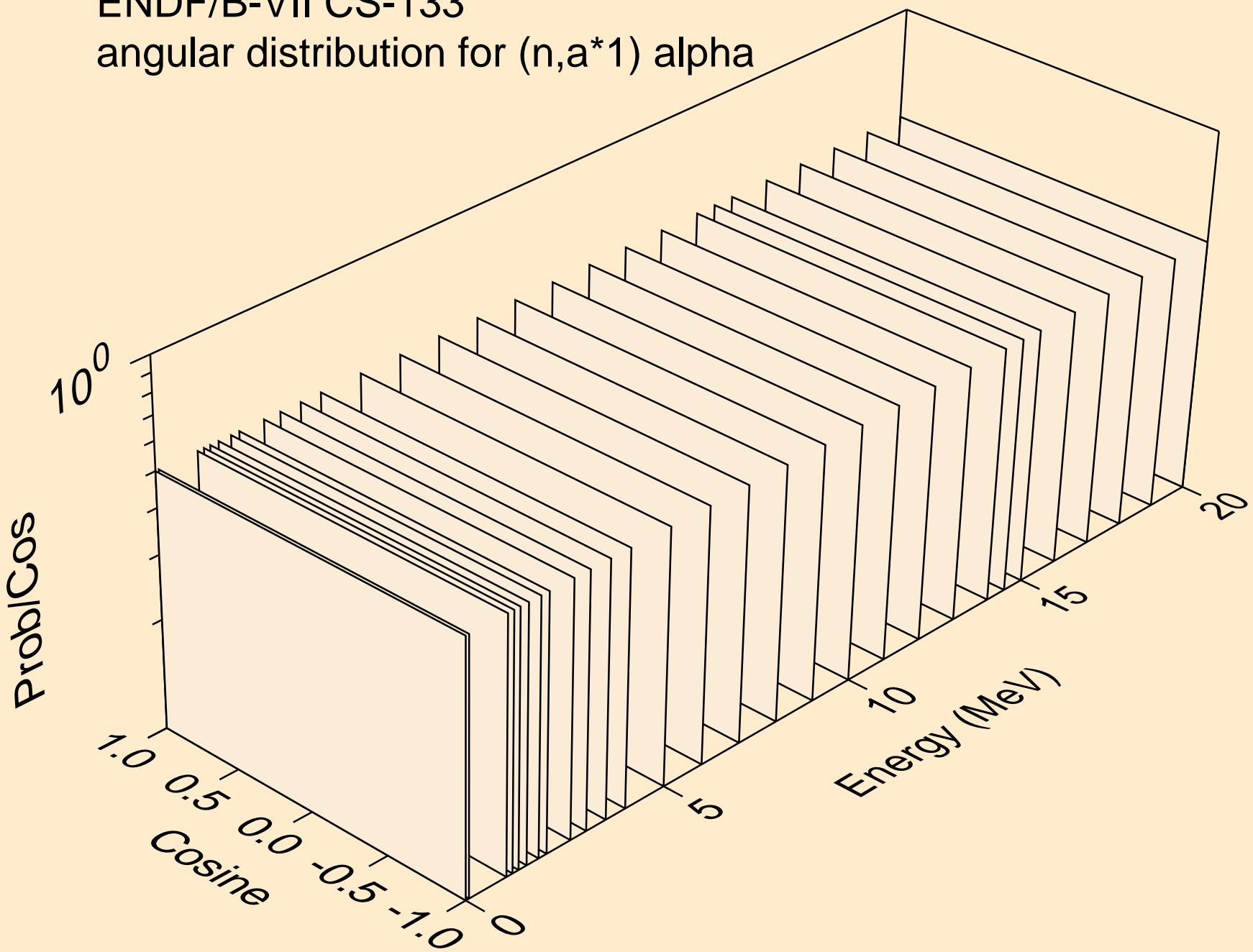
ENDF/B-VII CS-133
alphas from $(n,2n)\alpha$



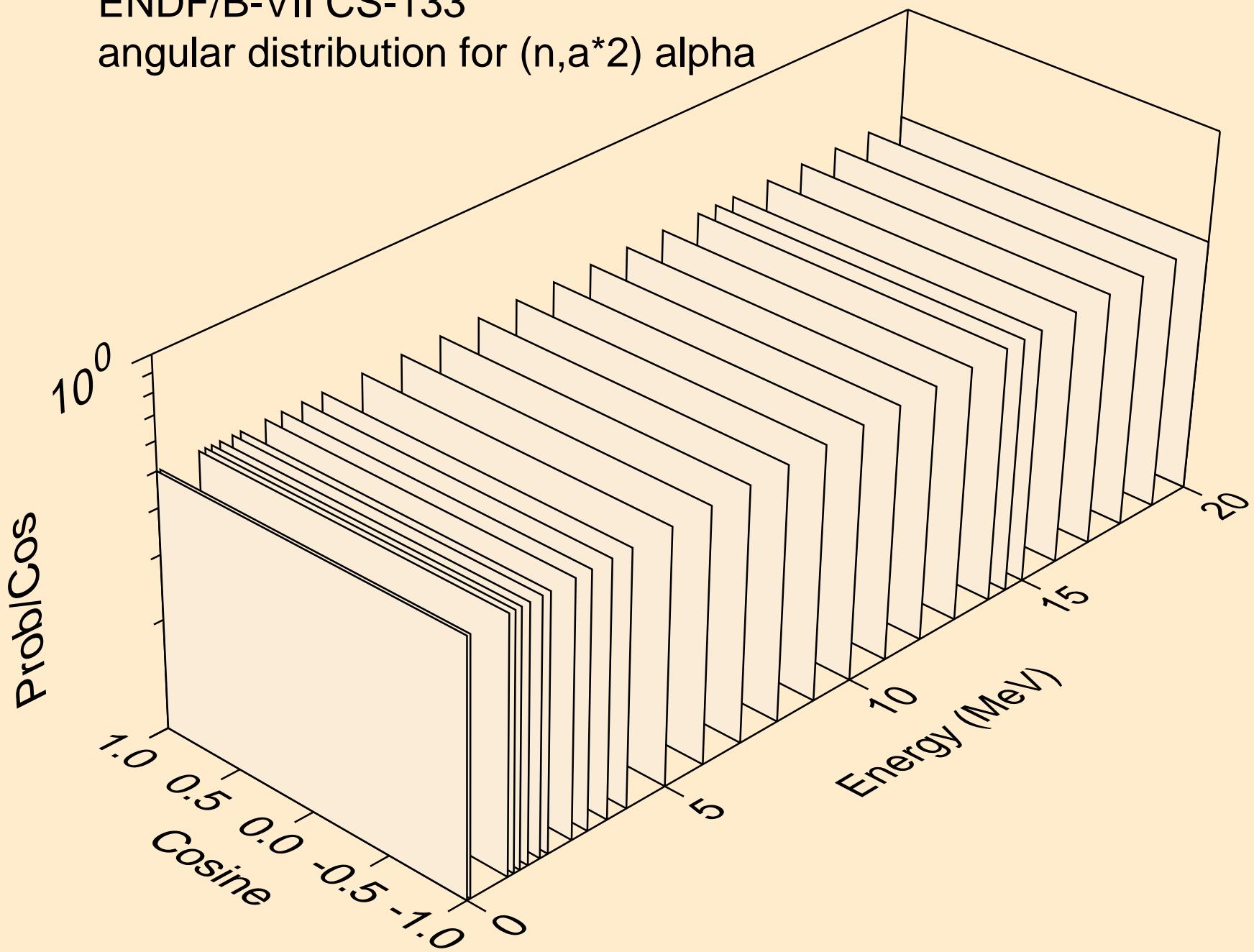
ENDF/B-VII CS-133
angular distribution for ($n, a^* 0$) alpha



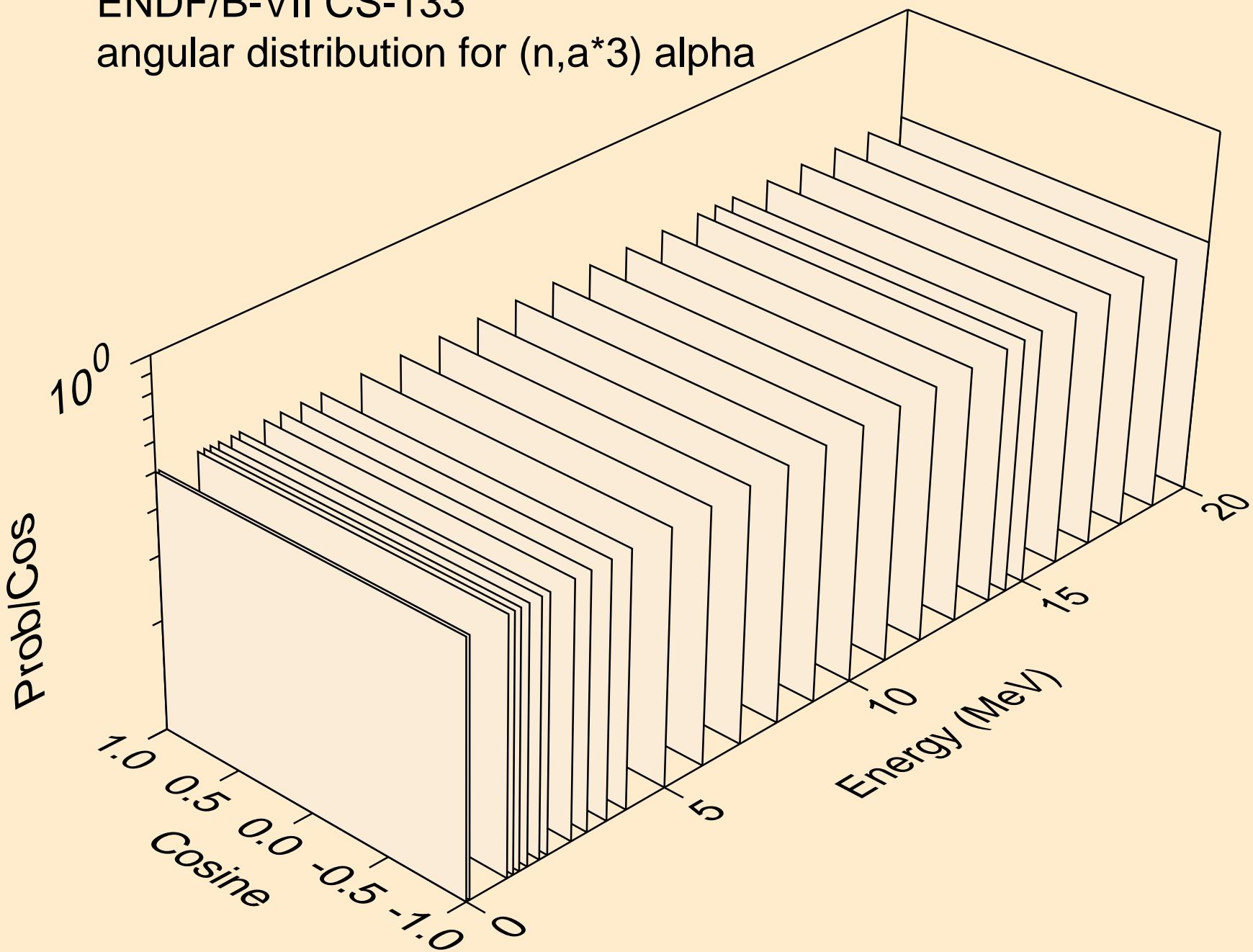
ENDF/B-VII CS-133
angular distribution for (n,a*1) alpha



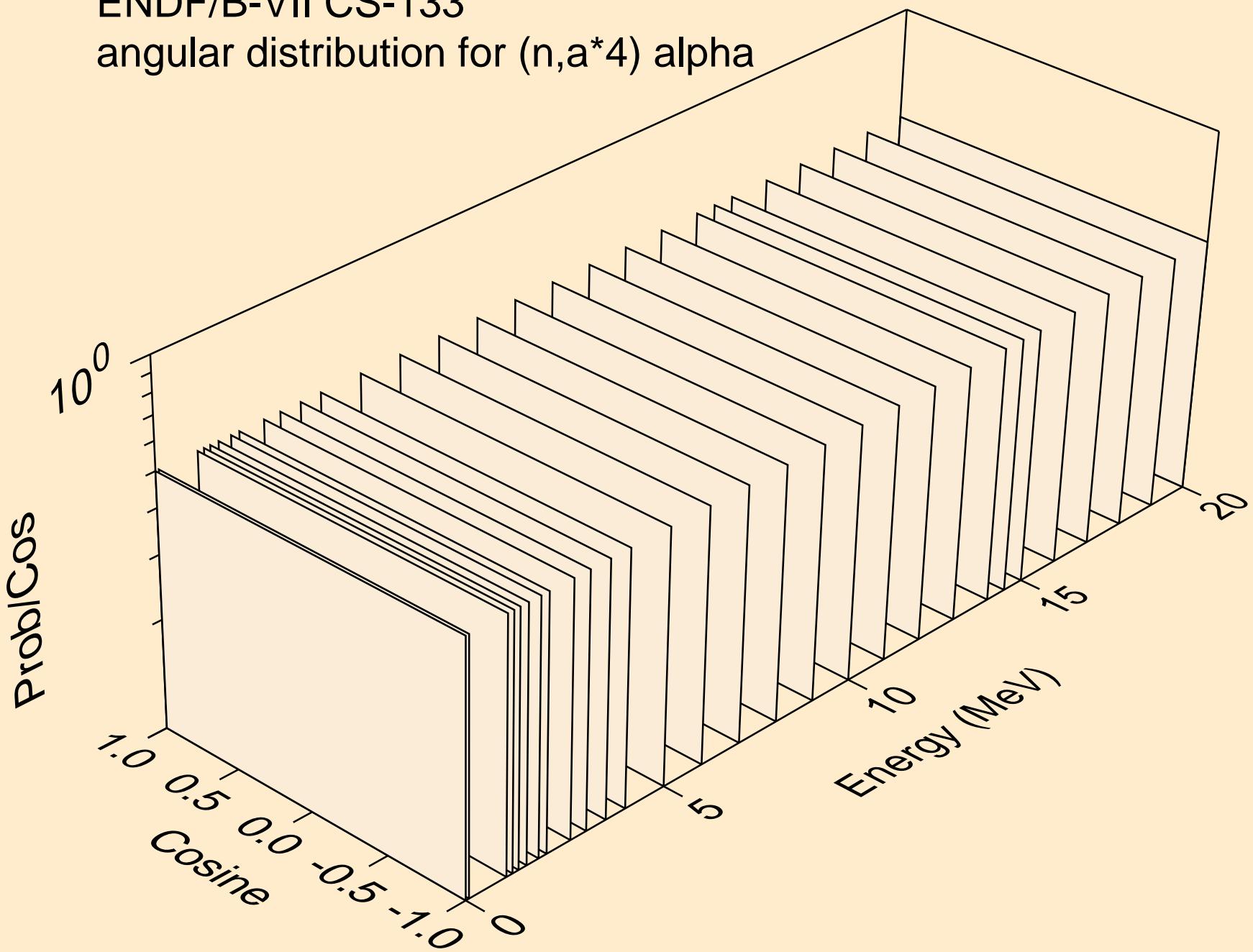
ENDF/B-VII CS-133
angular distribution for (n,a^2) alpha



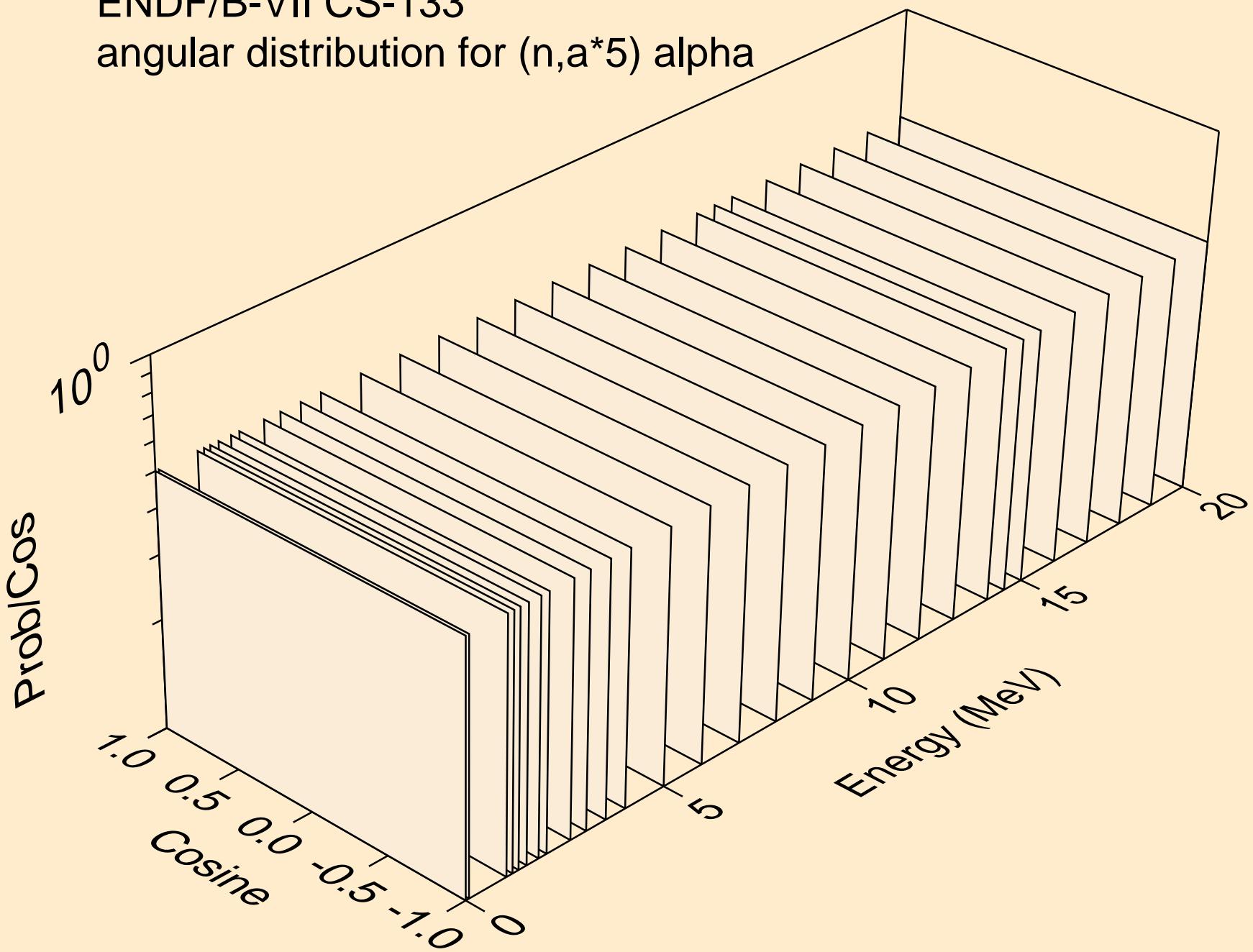
ENDF/B-VII CS-133
angular distribution for (n,a*3) alpha



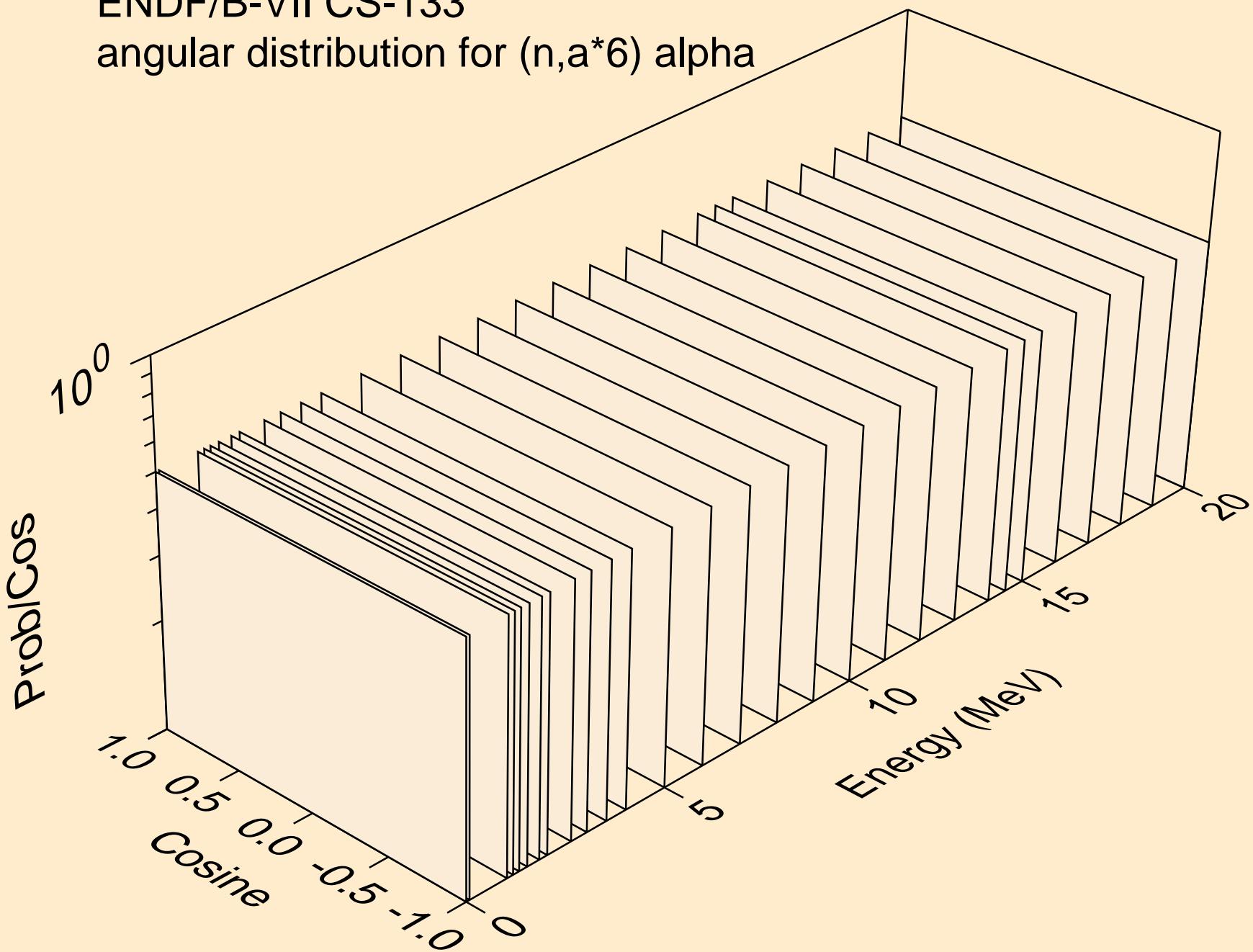
ENDF/B-VII CS-133
angular distribution for (n,a^*4) alpha



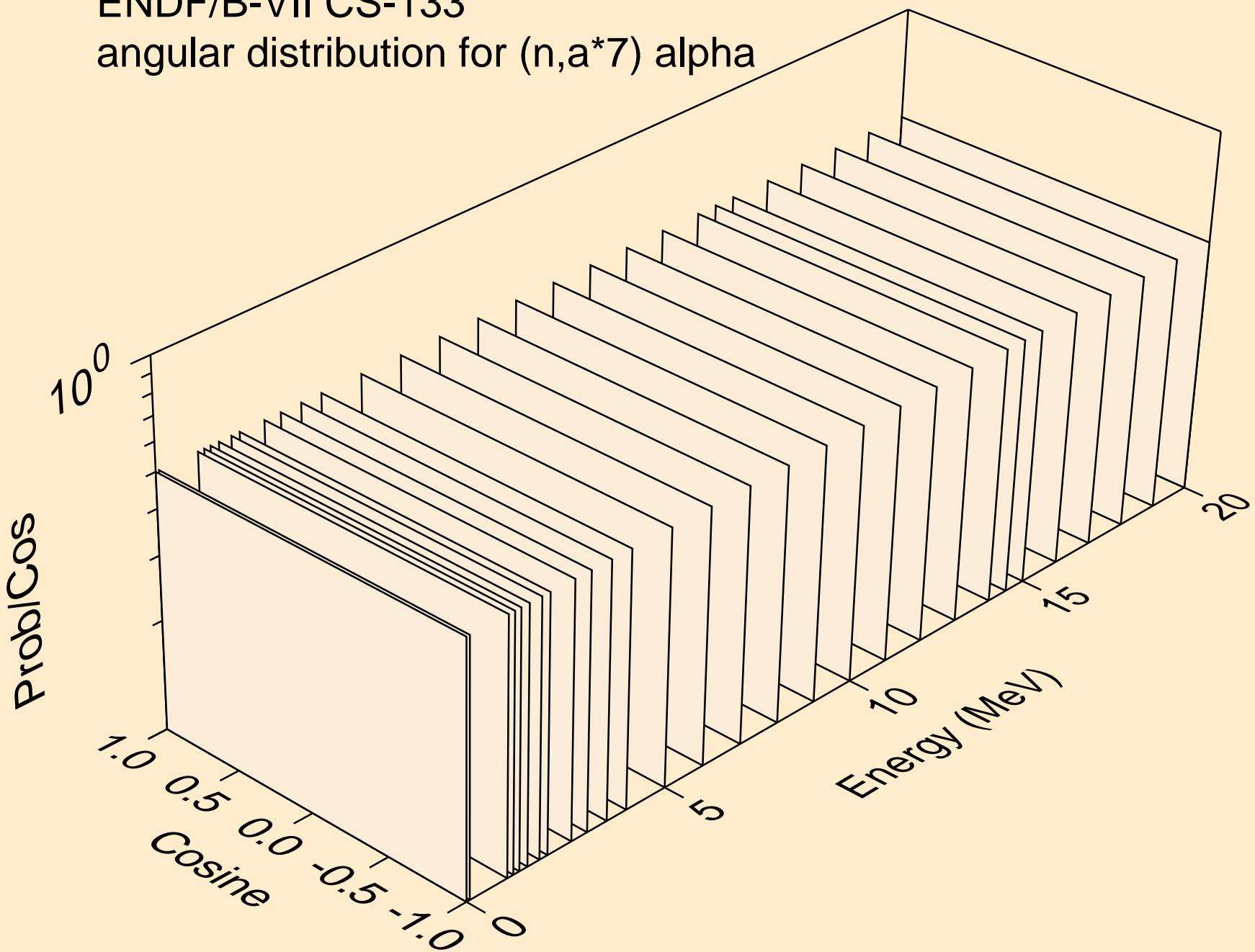
ENDF/B-VII CS-133
angular distribution for (n,a*5) alpha



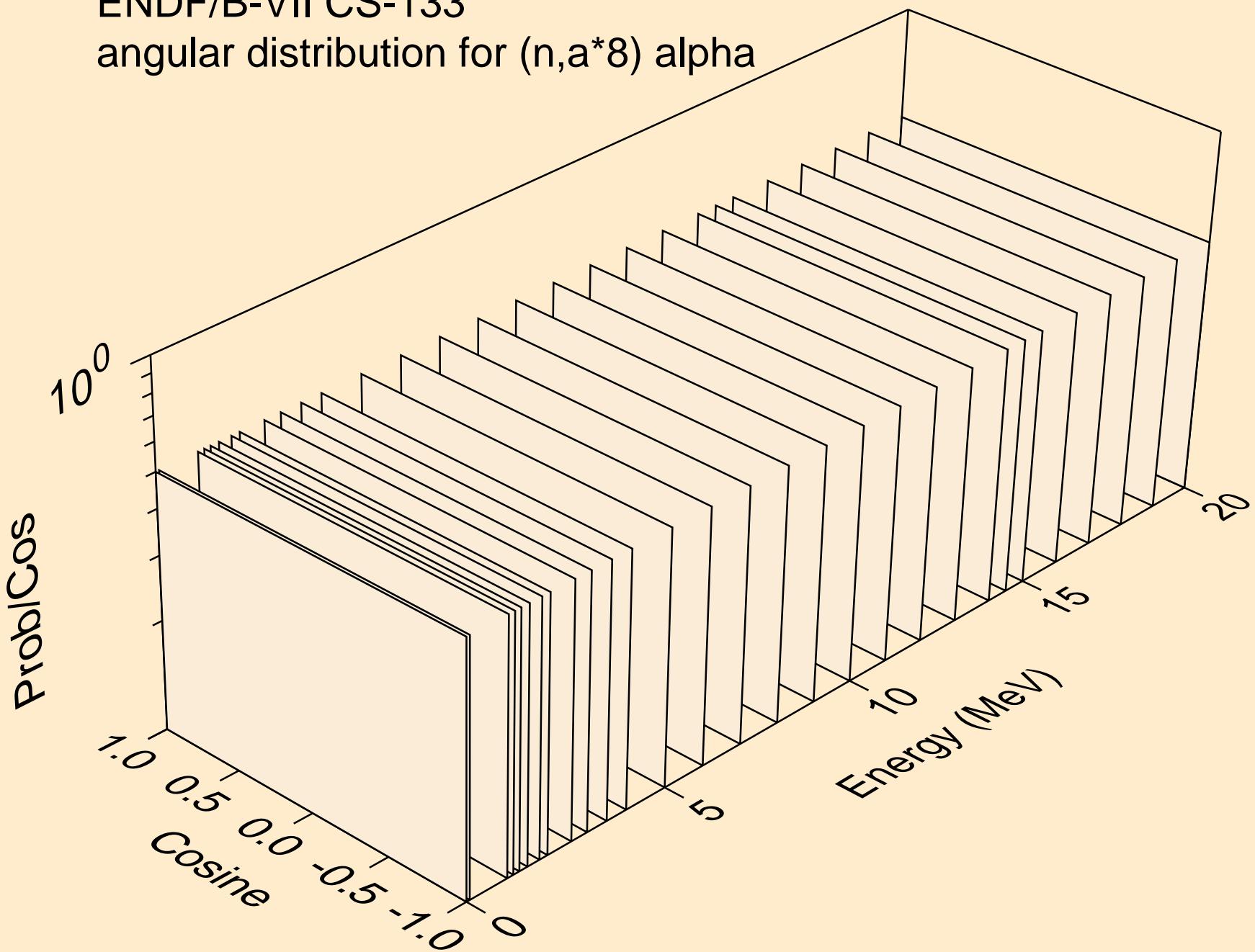
ENDF/B-VII CS-133
angular distribution for (n,a*6) alpha



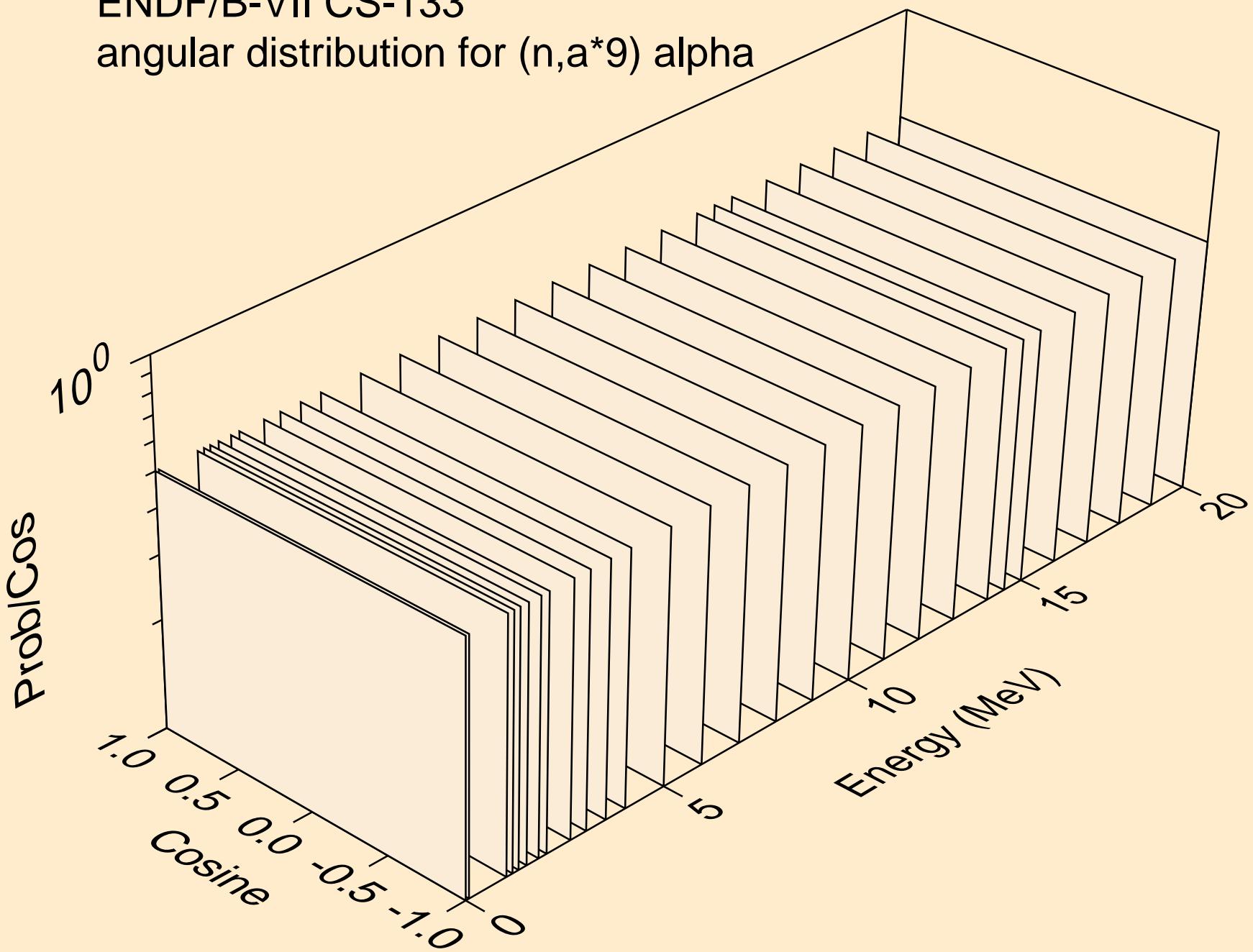
ENDF/B-VII CS-133
angular distribution for (n,a^*7) alpha



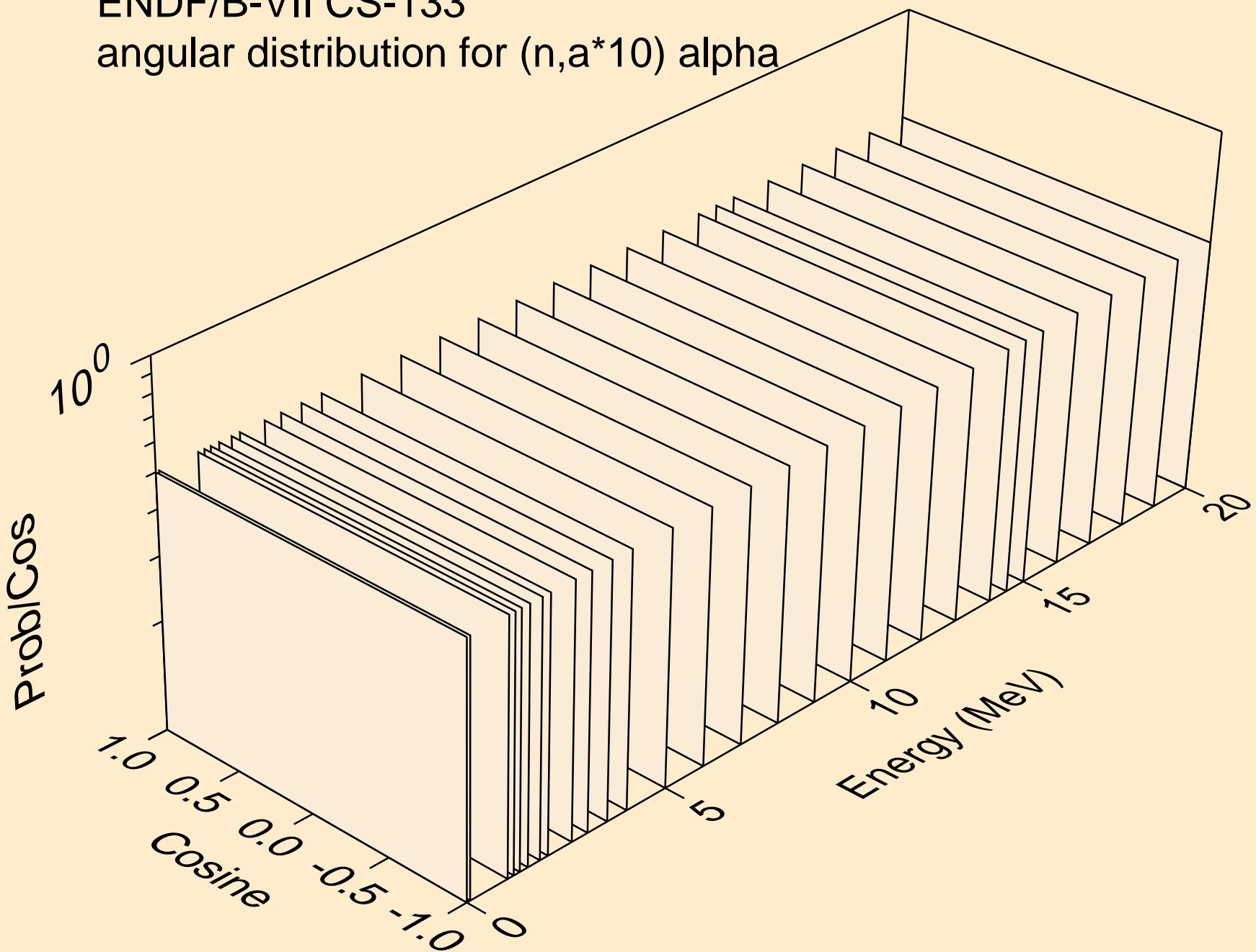
ENDF/B-VII CS-133
angular distribution for (n,a*8) alpha



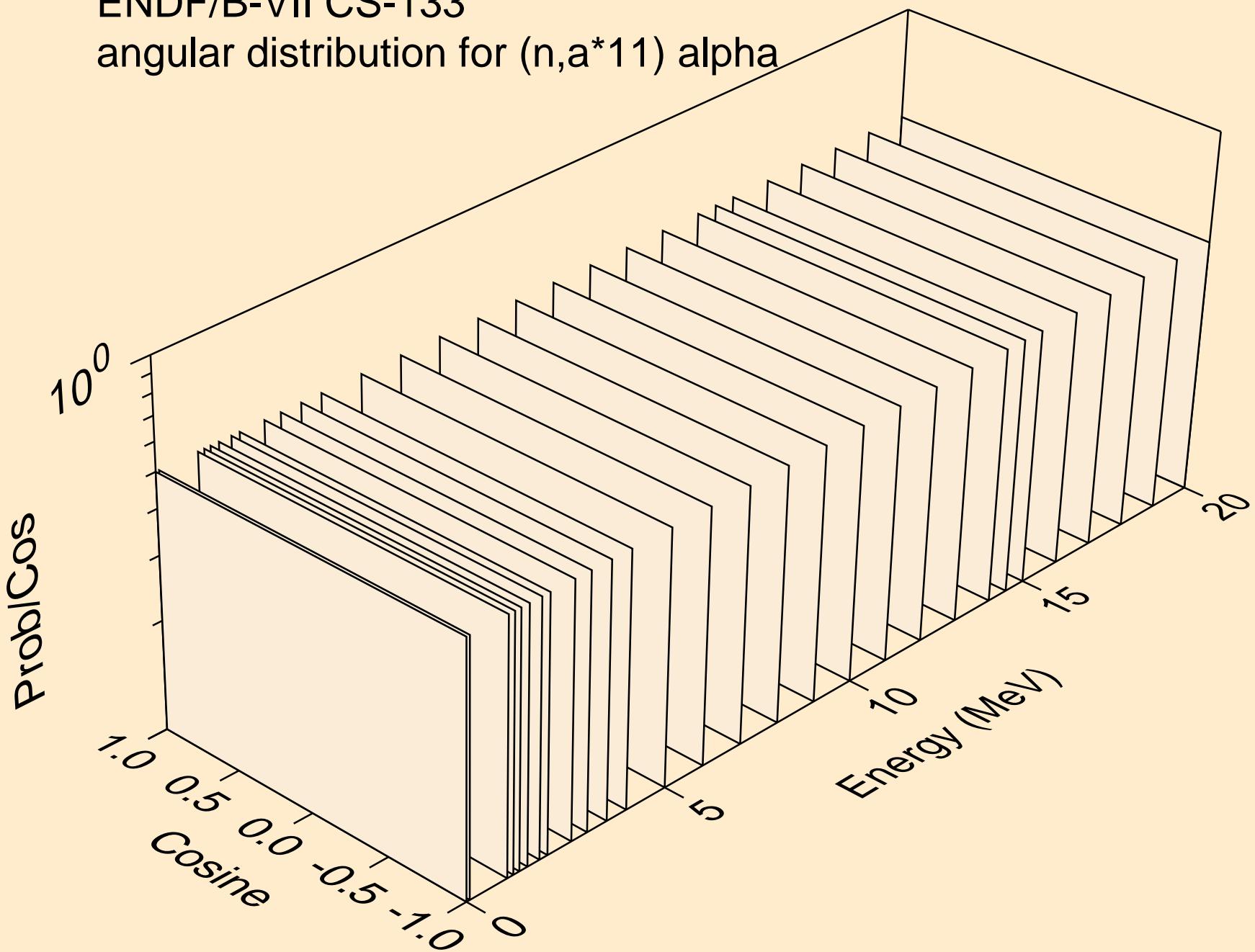
ENDF/B-VII CS-133
angular distribution for (n,a*9) alpha



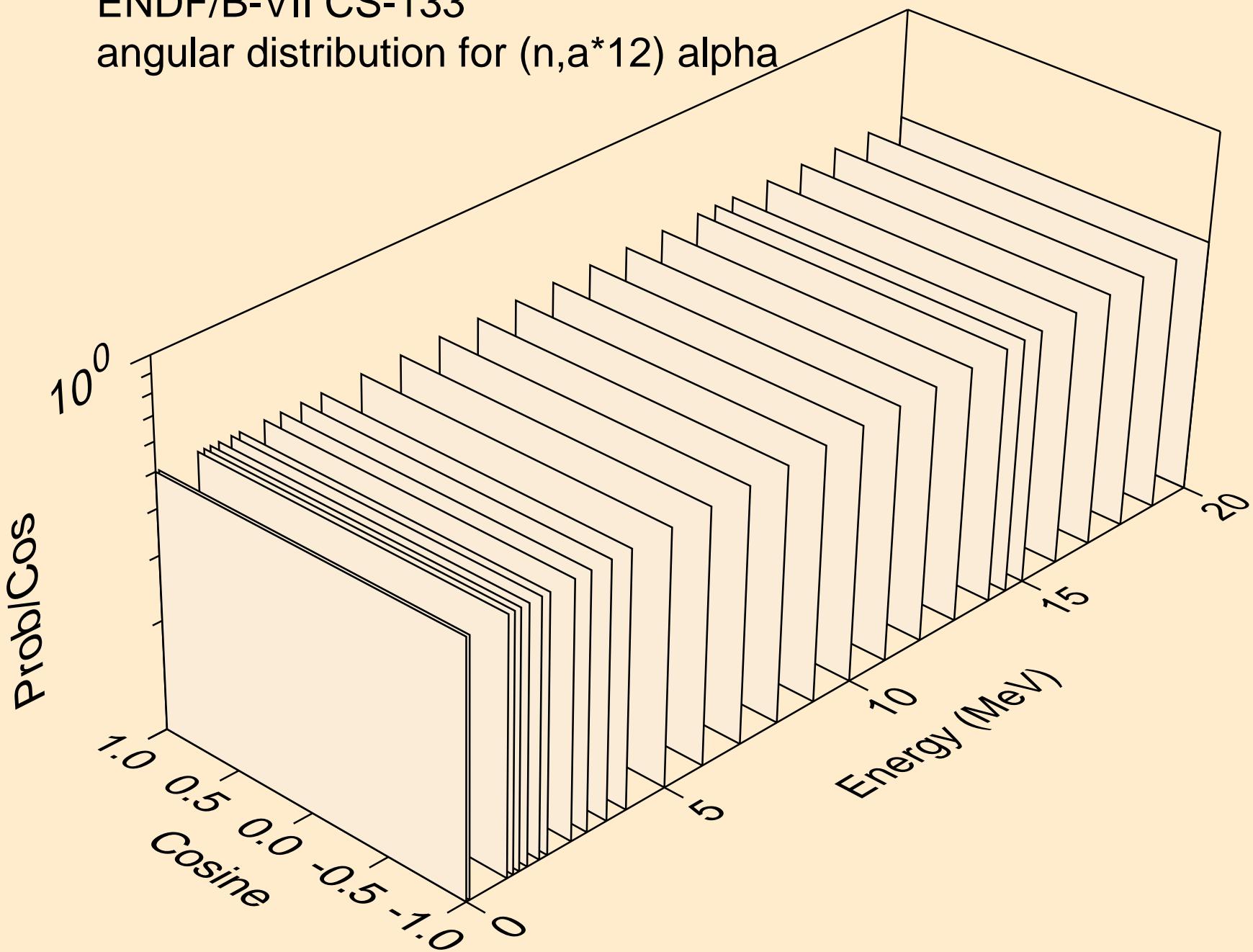
ENDF/B-VII CS-133
angular distribution for (n,a*10) alpha



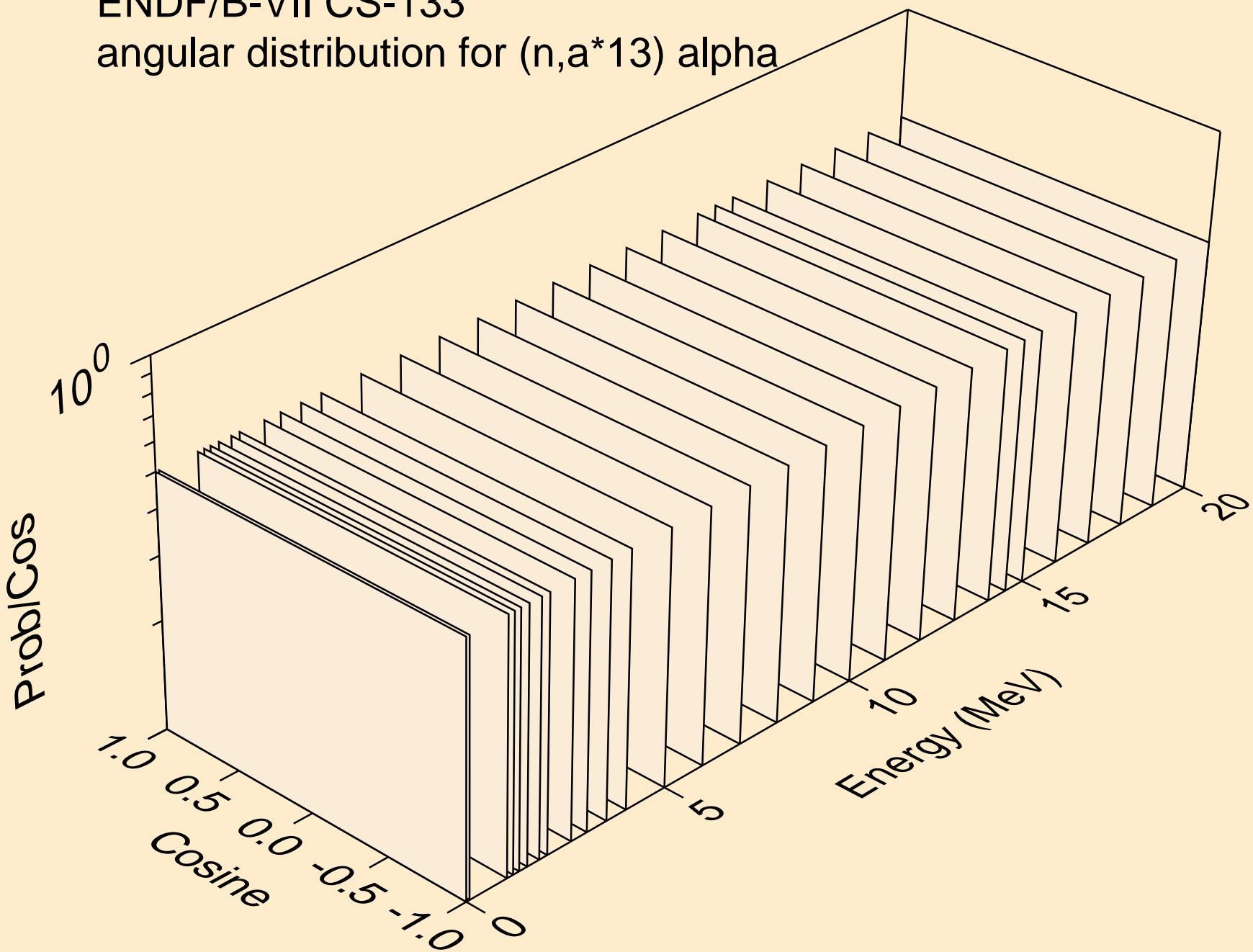
ENDF/B-VII CS-133
angular distribution for (n,a*11) alpha



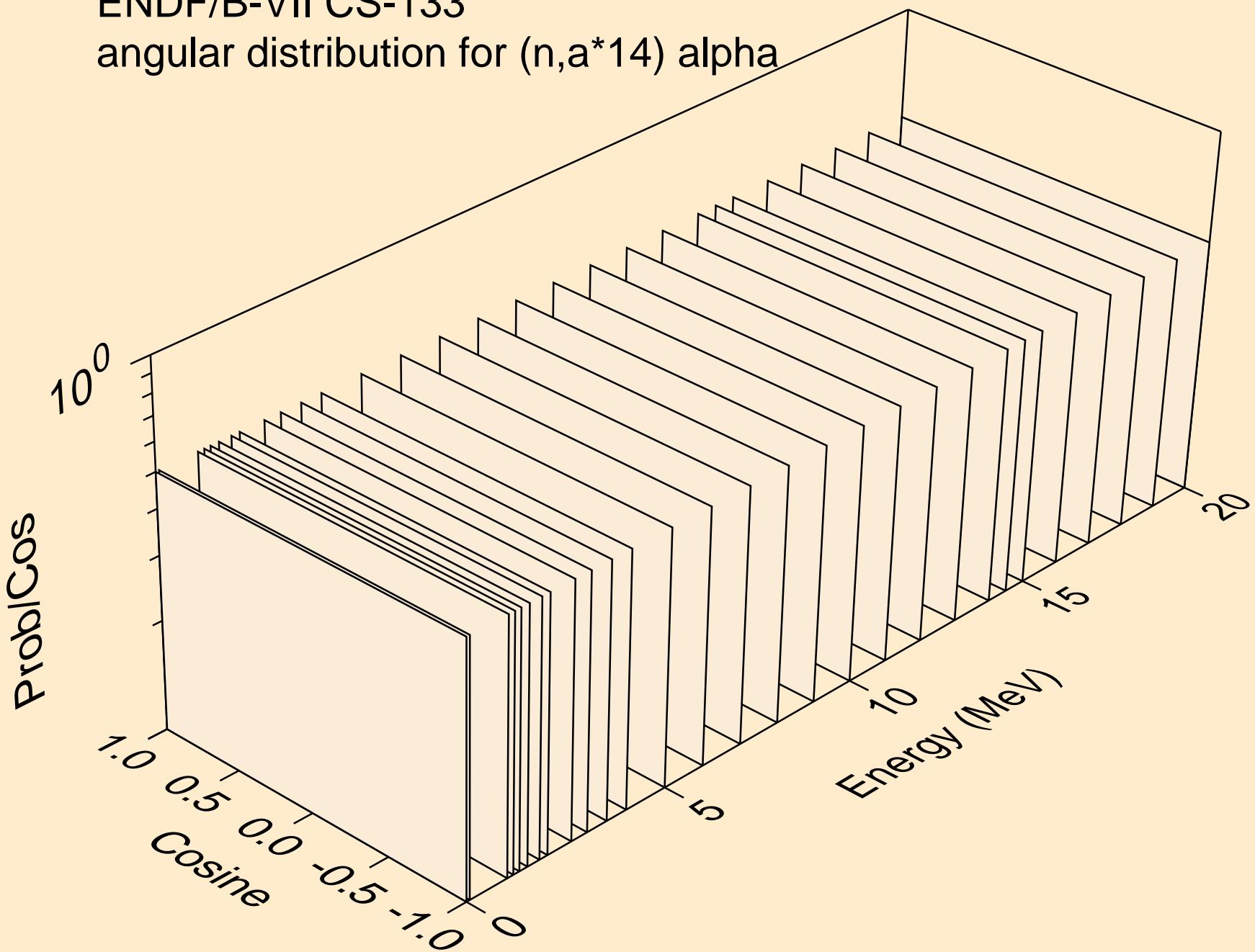
ENDF/B-VII CS-133
angular distribution for (n,a*12) alpha



ENDF/B-VII CS-133
angular distribution for (n,a*13) alpha



ENDF/B-VII CS-133
angular distribution for (n,a^*14) alpha



ENDF/B-VII CS-133
alphas from ($n, \alpha^* c$)

