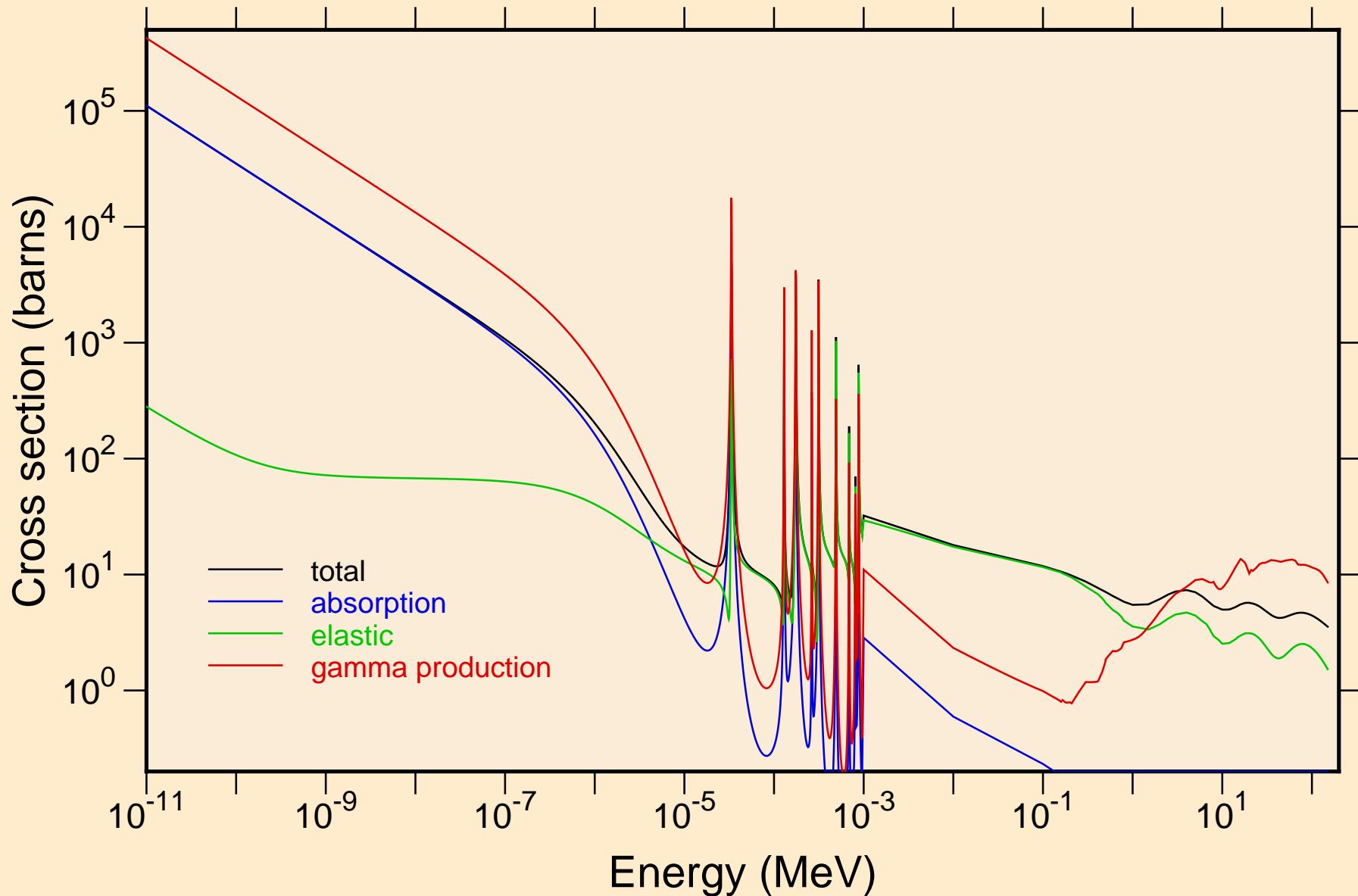
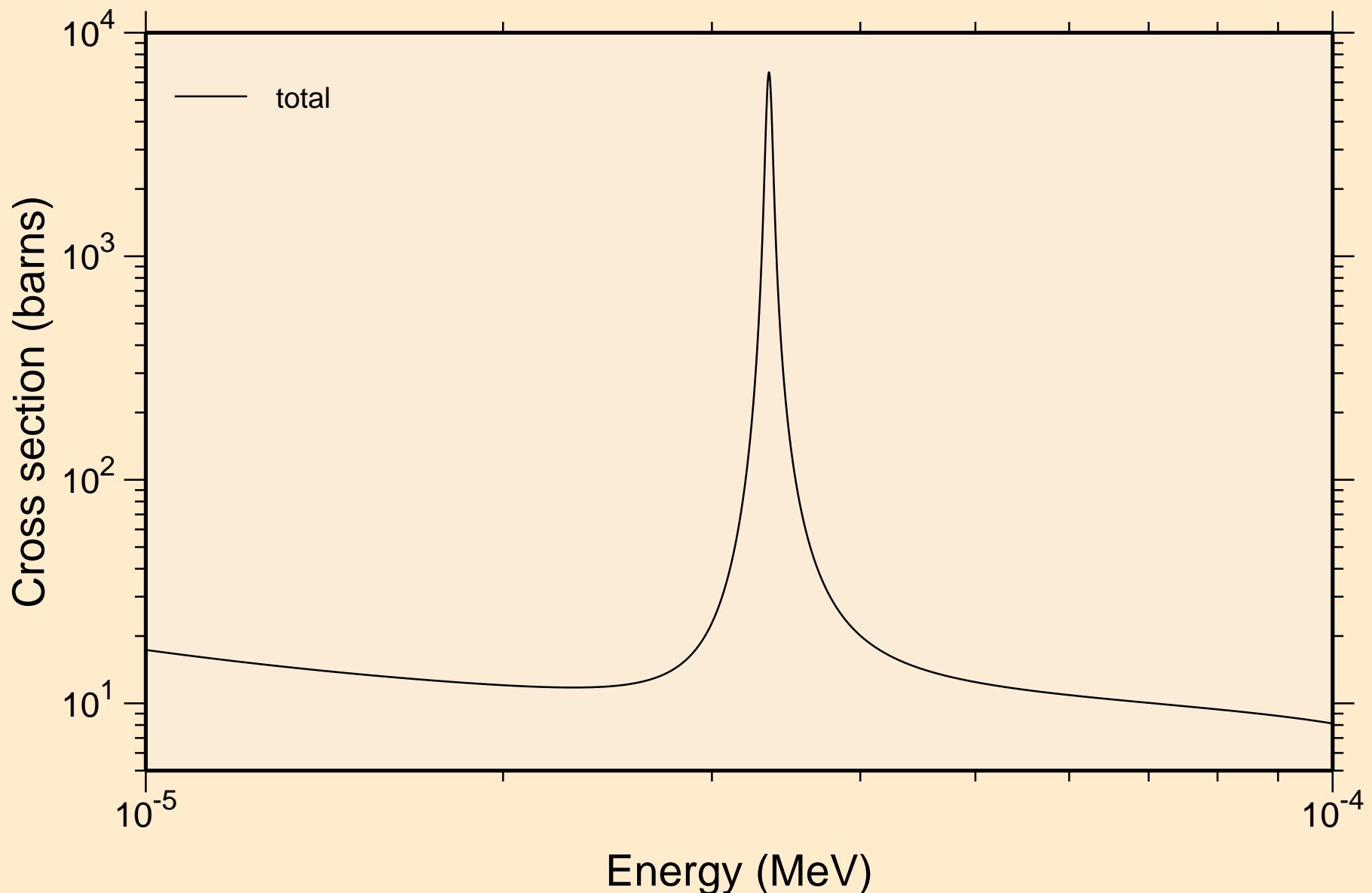


ENDF/B-VII HG-199

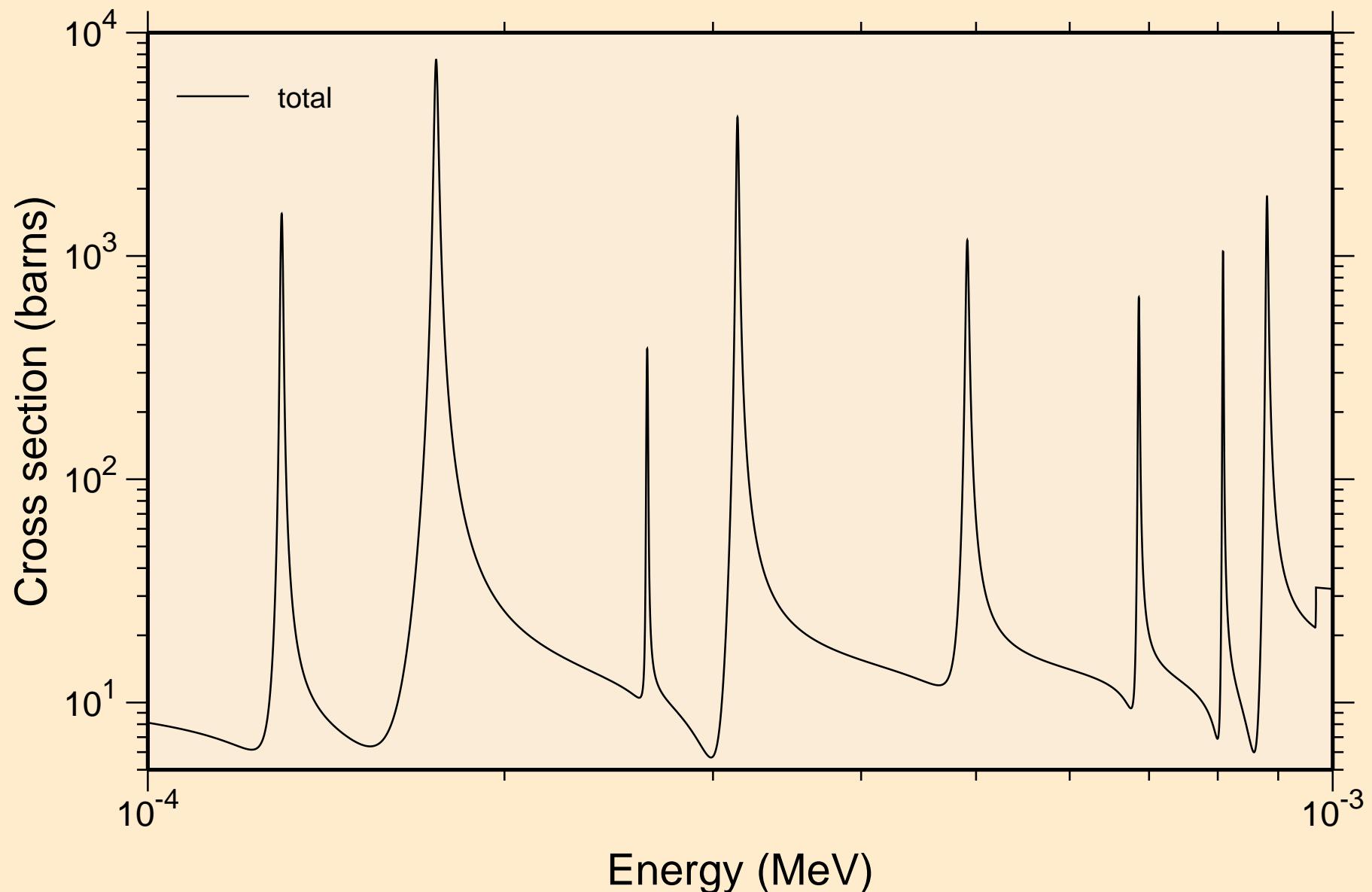
Principal cross sections



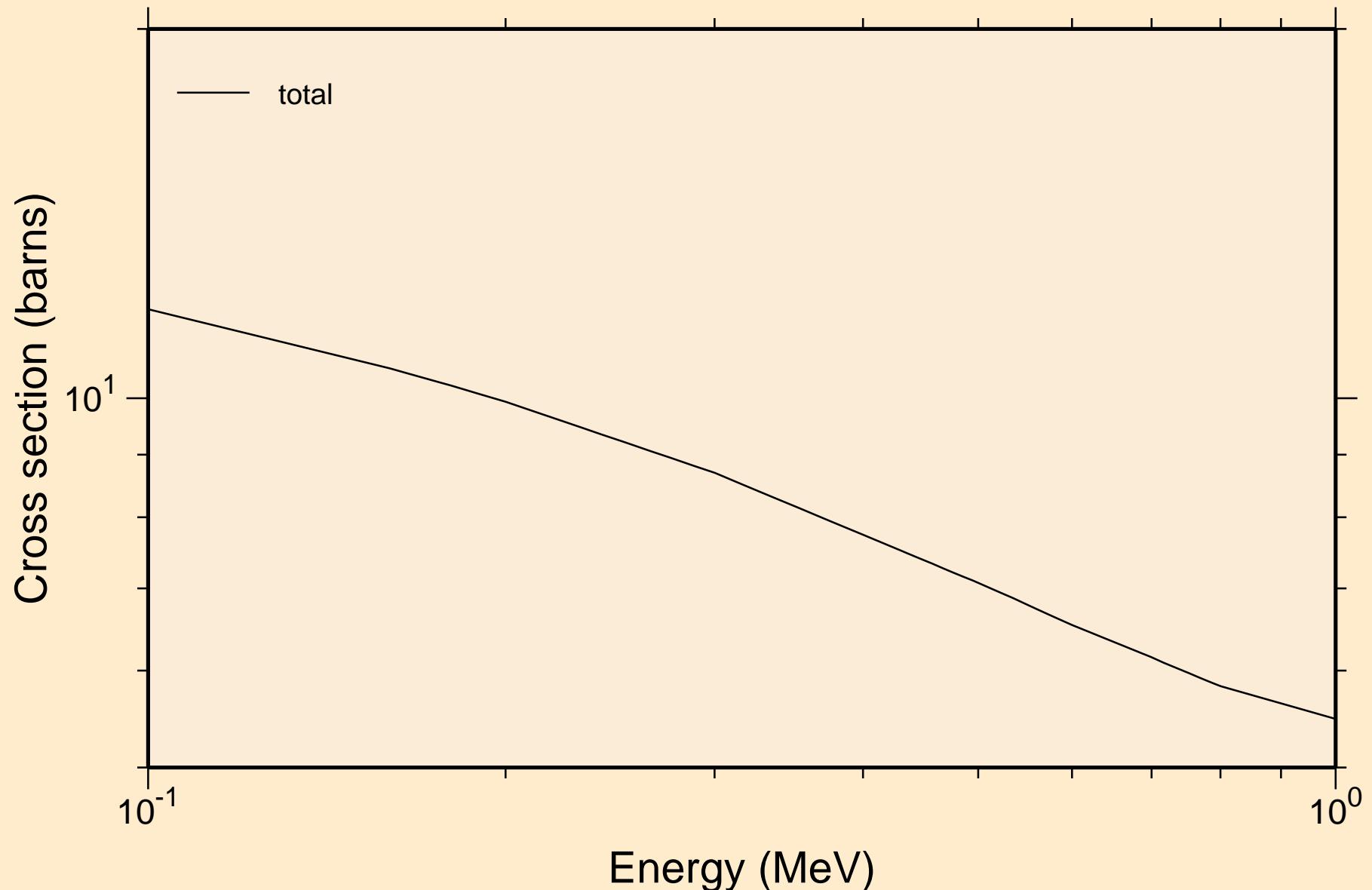
ENDF/B-VII HG-199
resonance total cross section



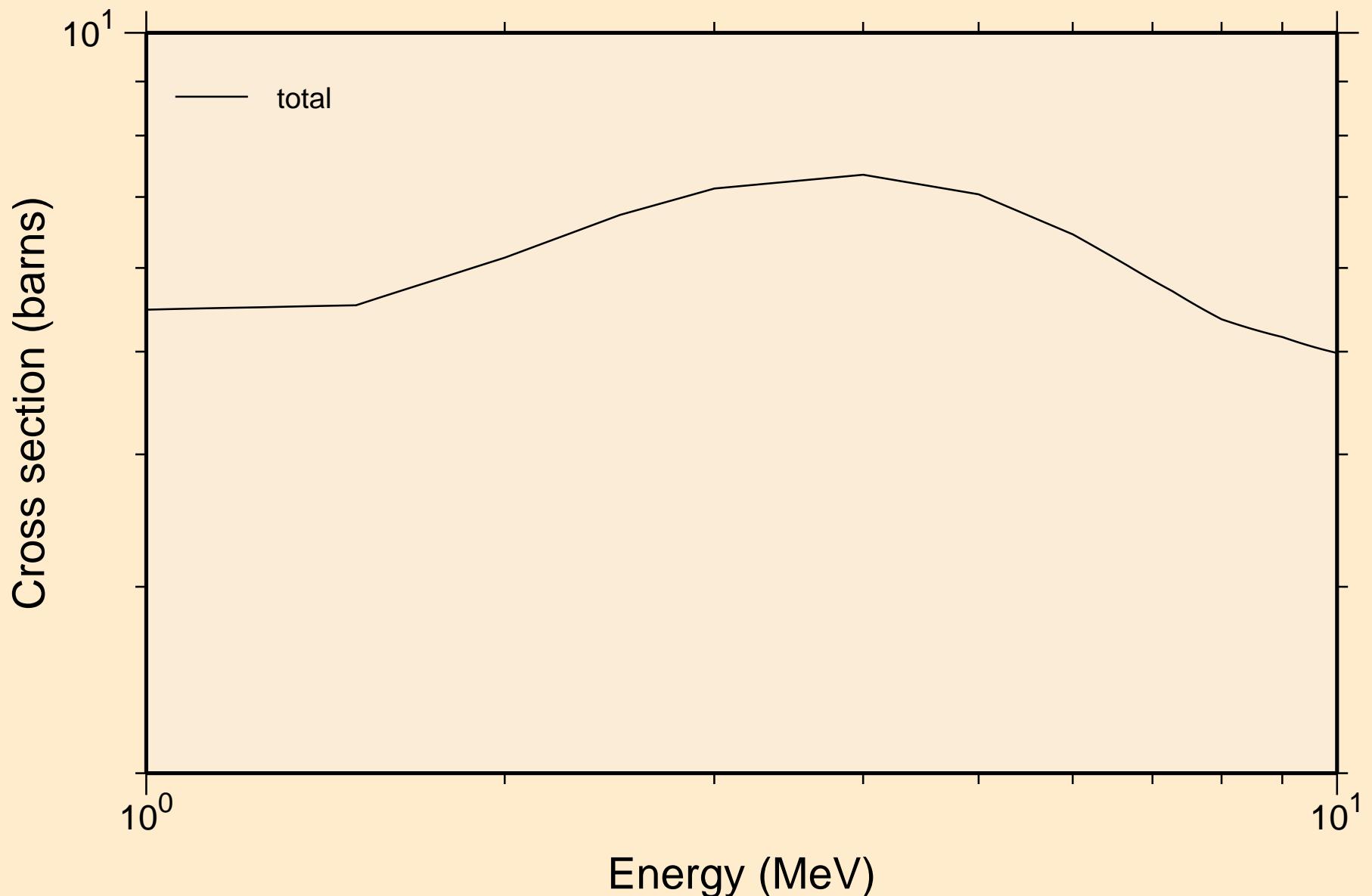
ENDF/B-VII HG-199
resonance total cross section



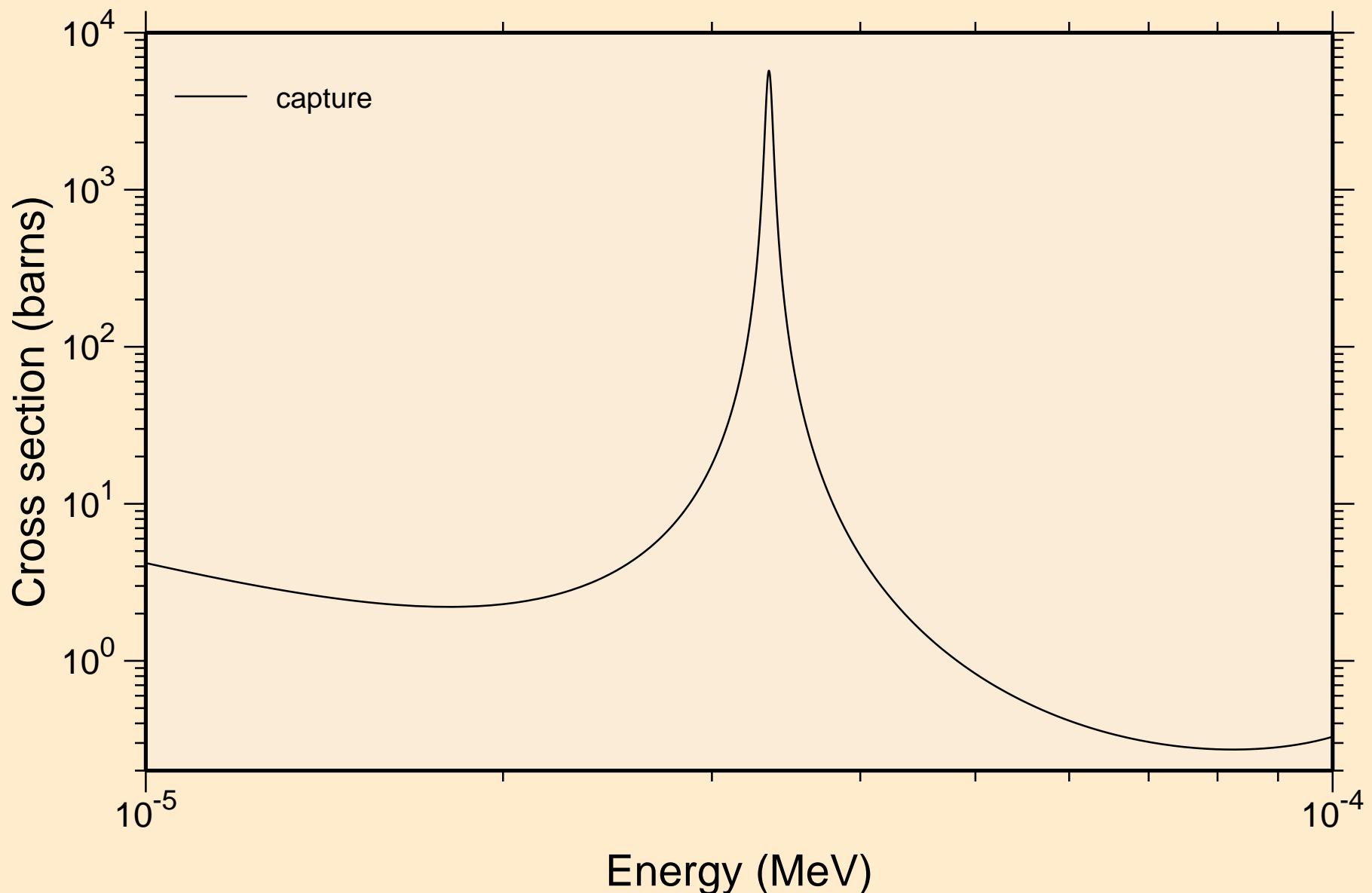
ENDF/B-VII HG-199
resonance total cross section



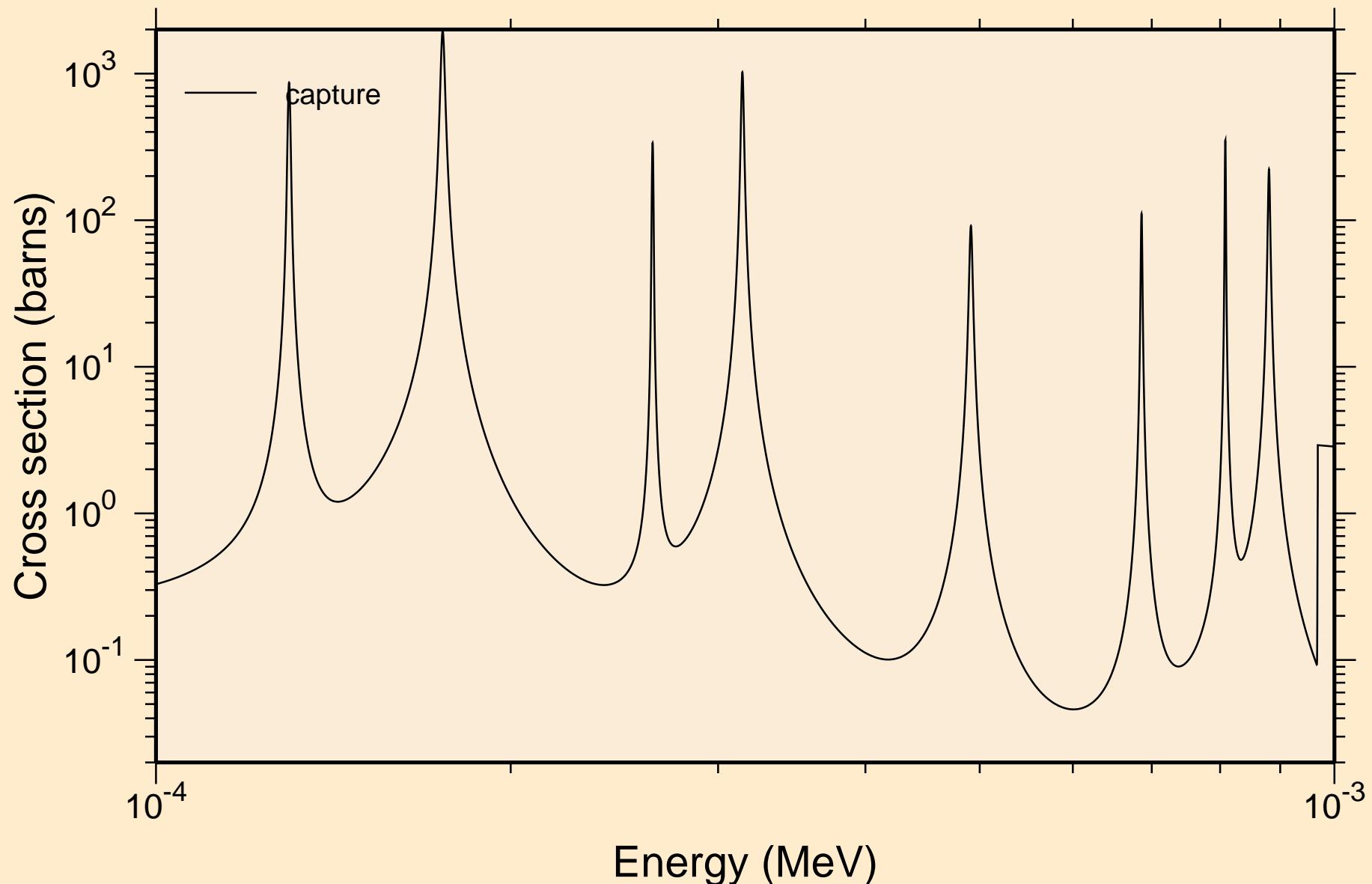
ENDF/B-VII HG-199
resonance total cross section



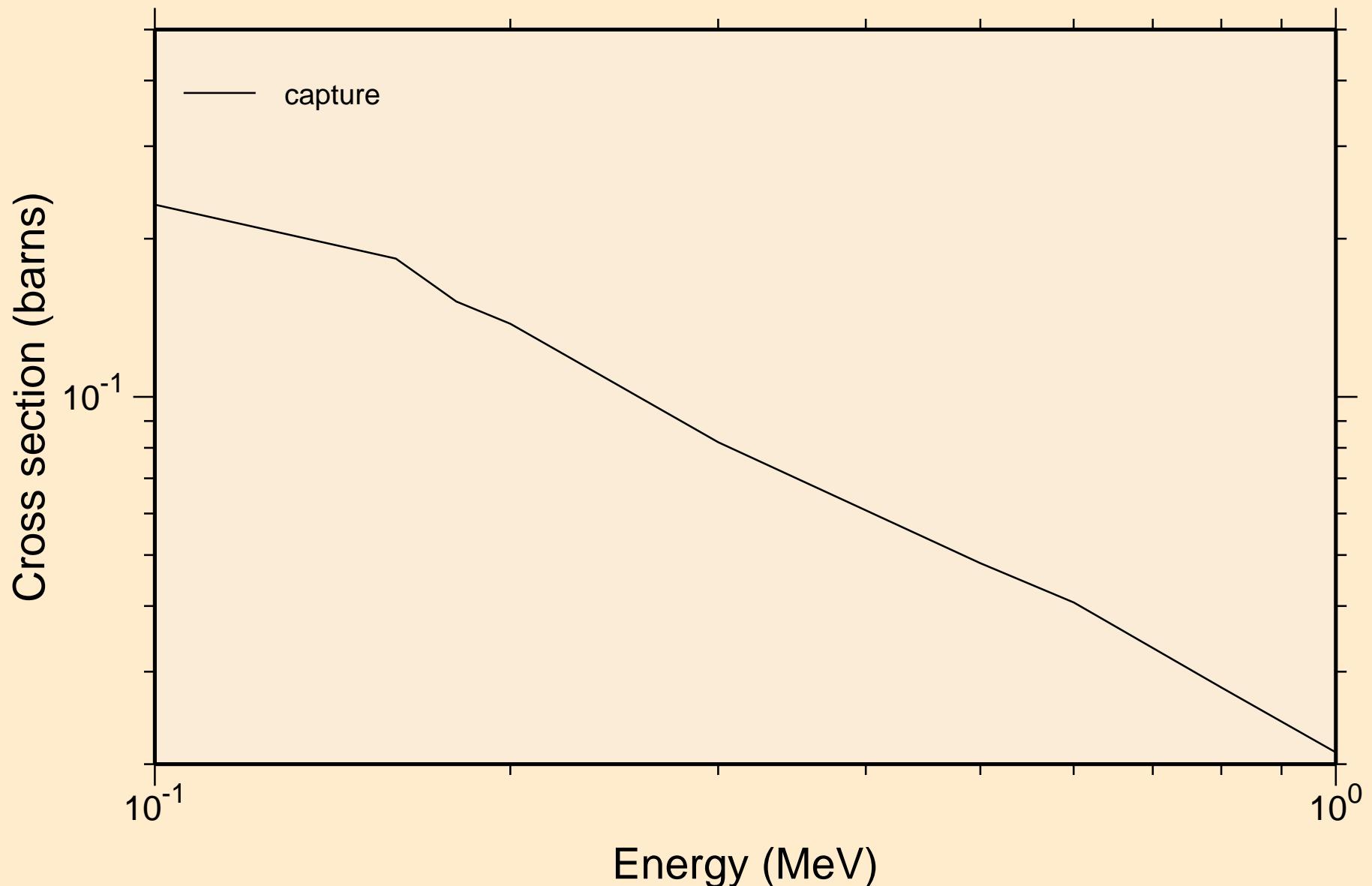
ENDF/B-VII HG-199
resonance absorption cross sections



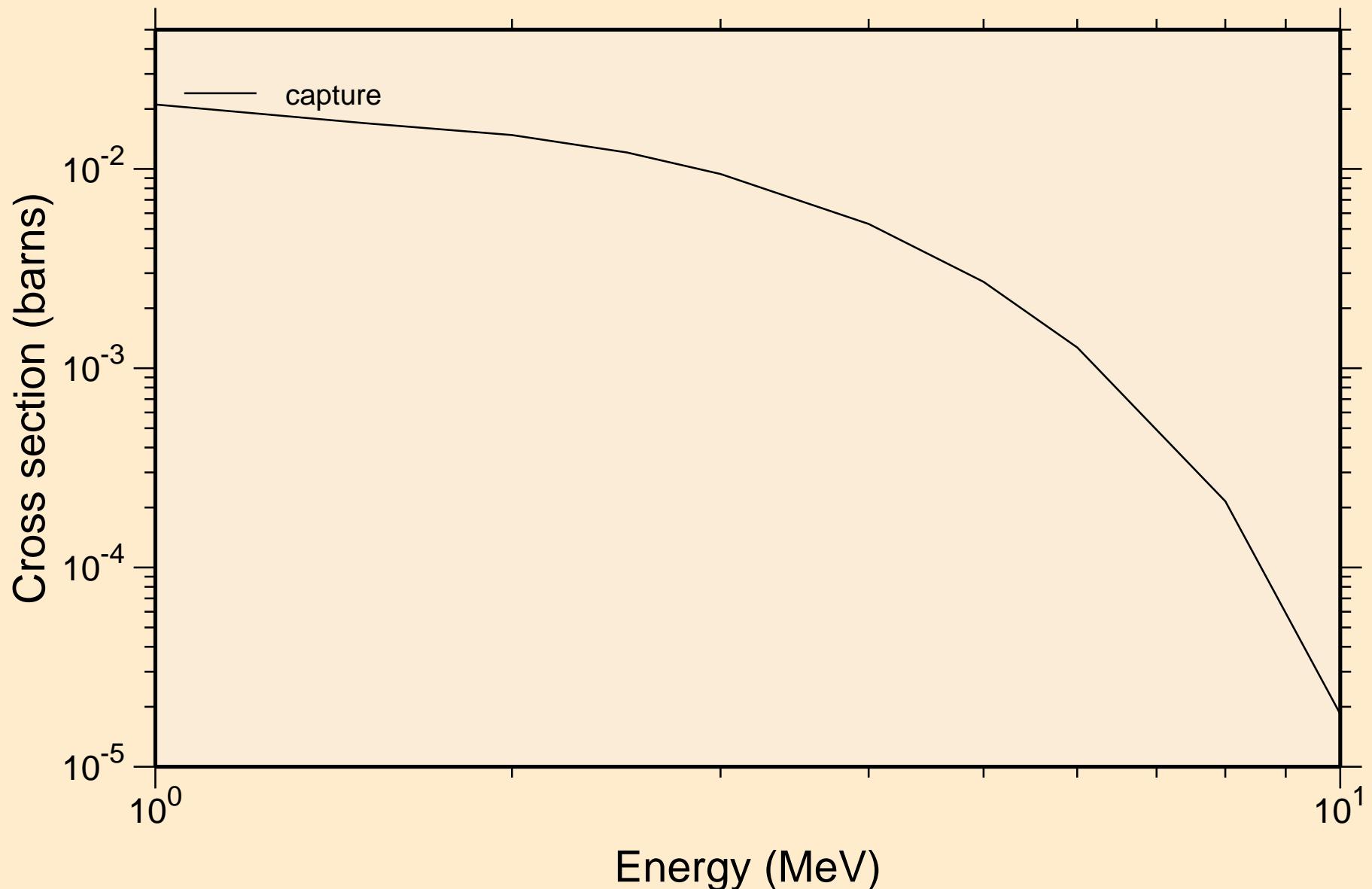
ENDF/B-VII HG-199
resonance absorption cross sections



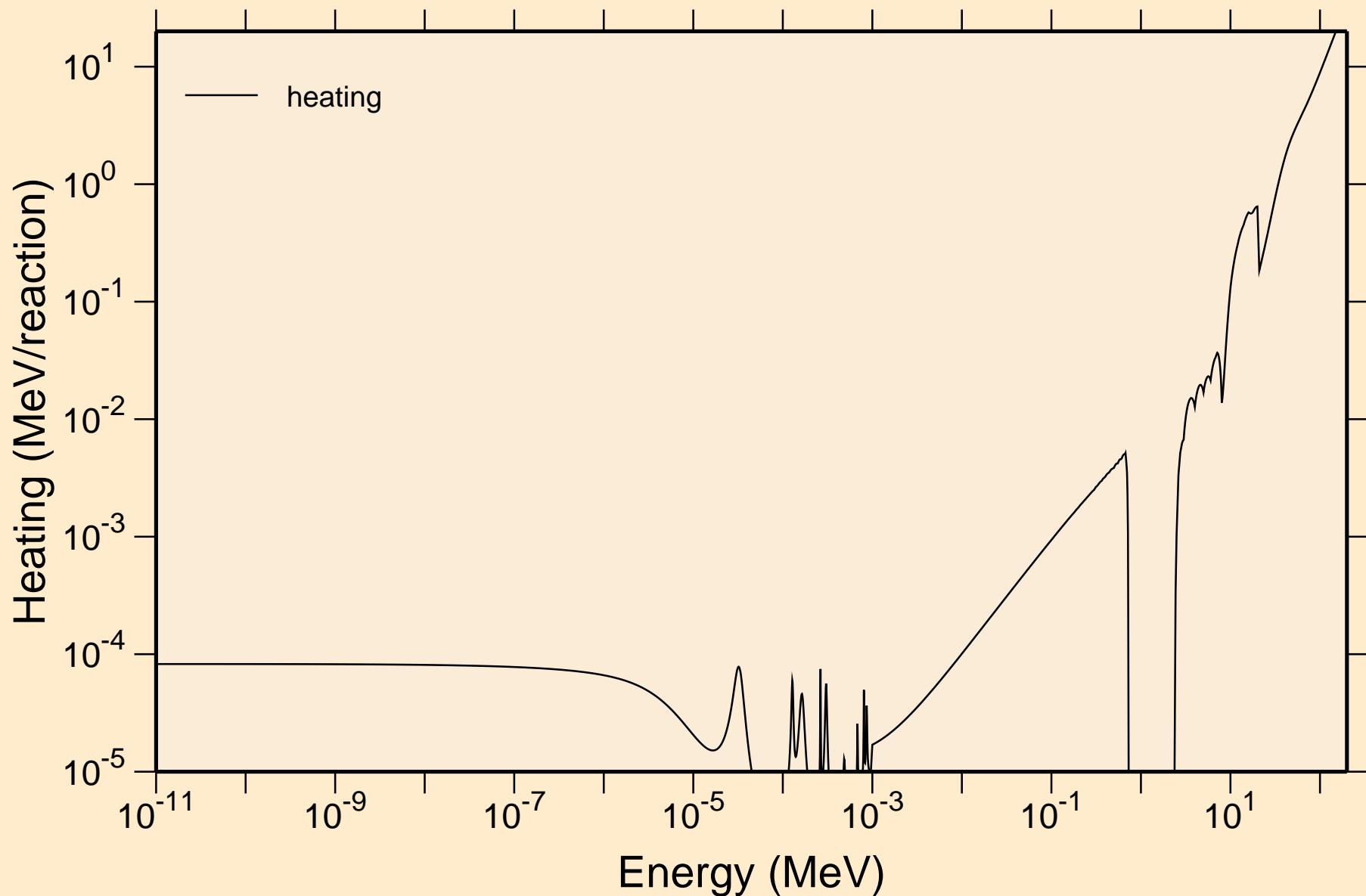
ENDF/B-VII HG-199
resonance absorption cross sections



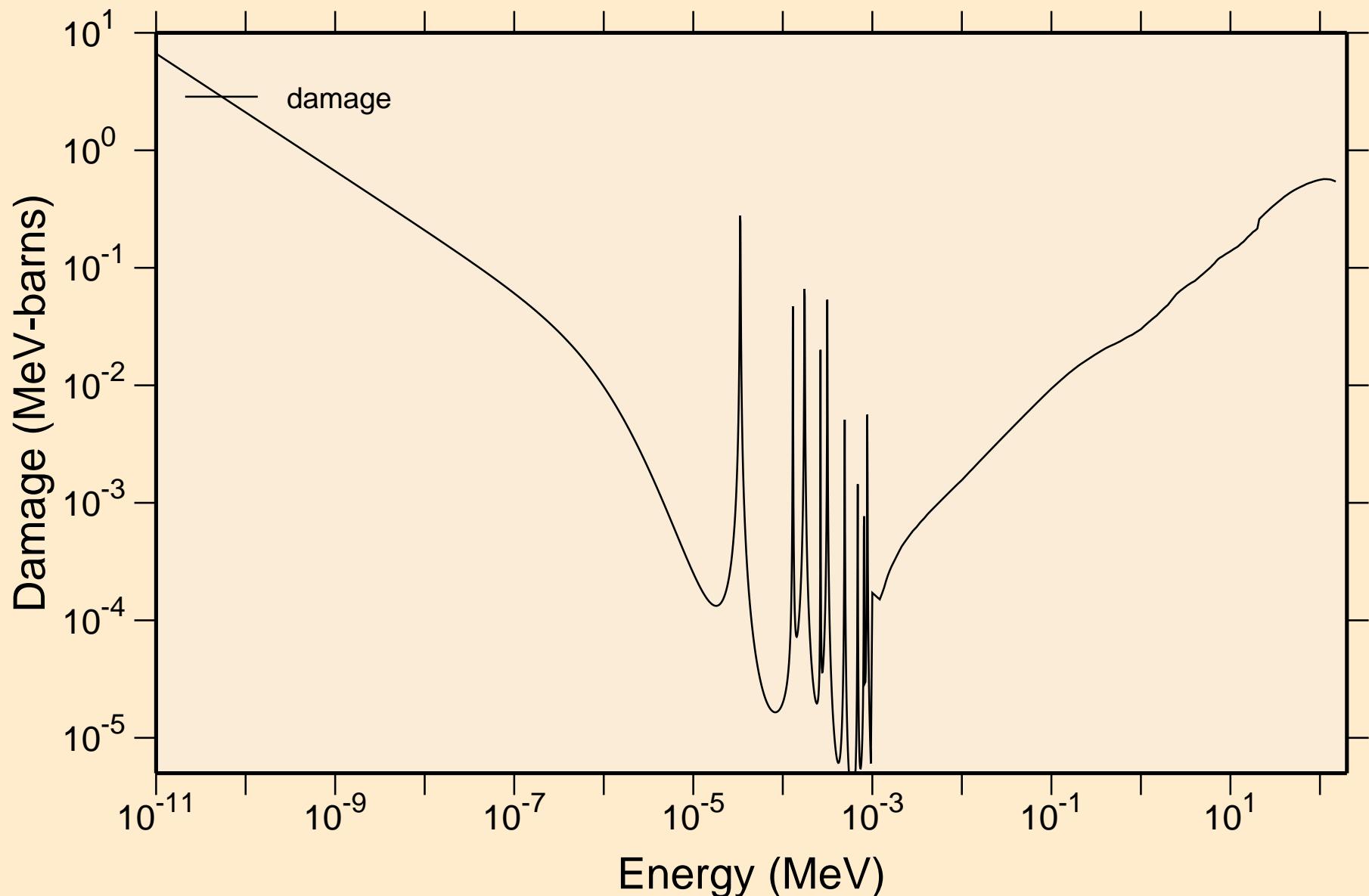
ENDF/B-VII HG-199
resonance absorption cross sections



ENDF/B-VII HG-199
Heating

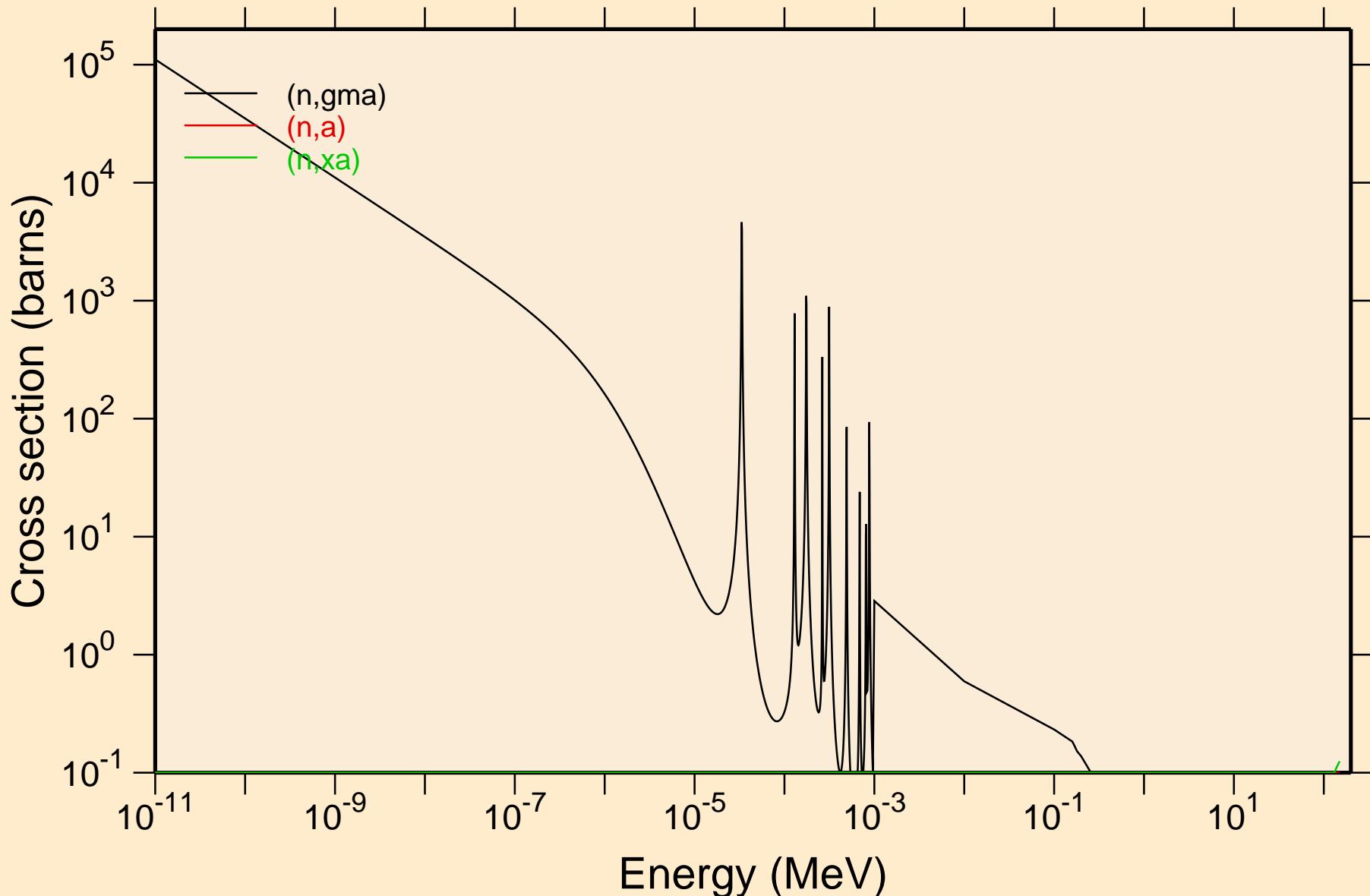


ENDF/B-VII HG-199
Damage



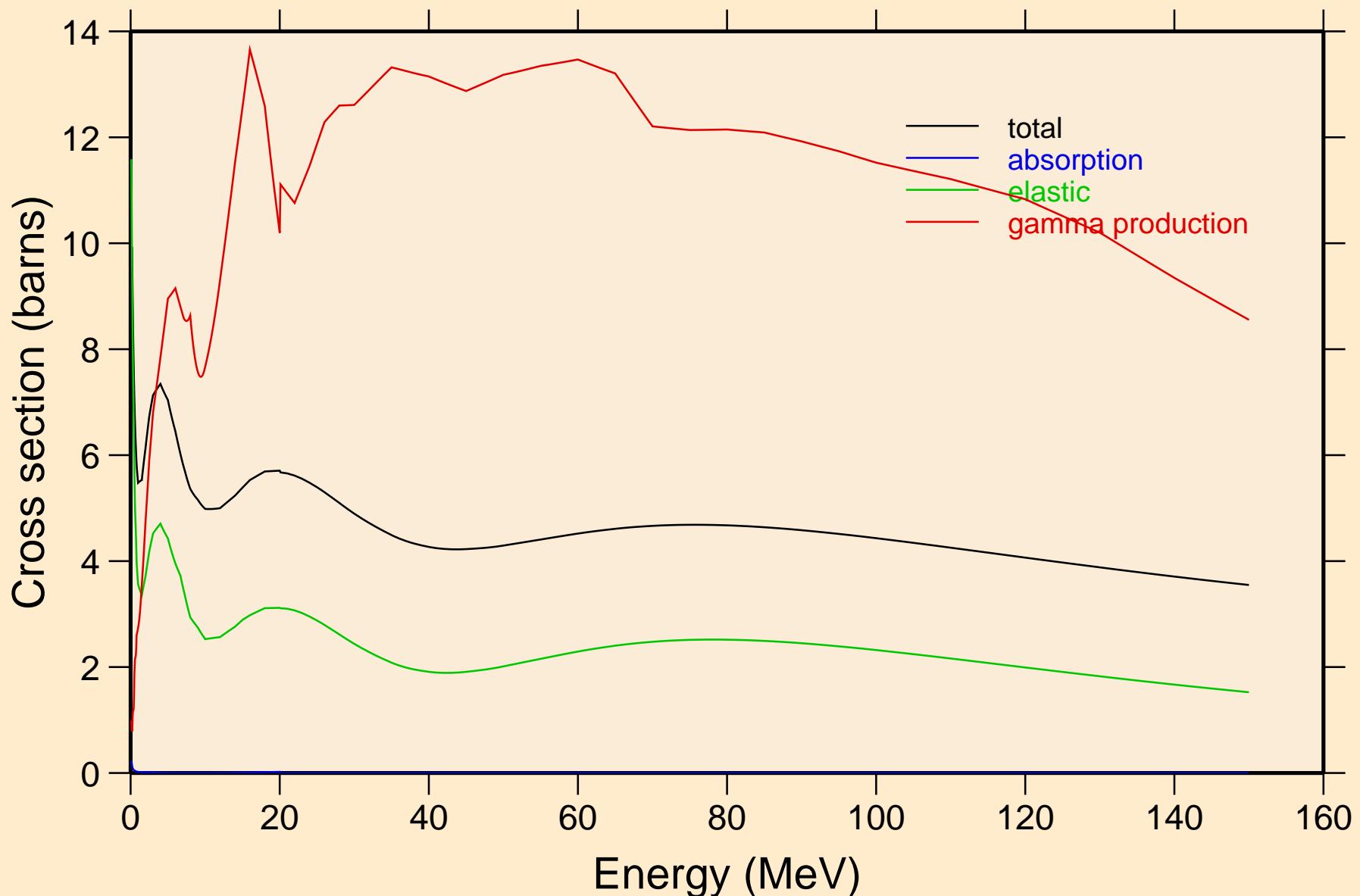
ENDF/B-VII HG-199

Non-threshold reactions

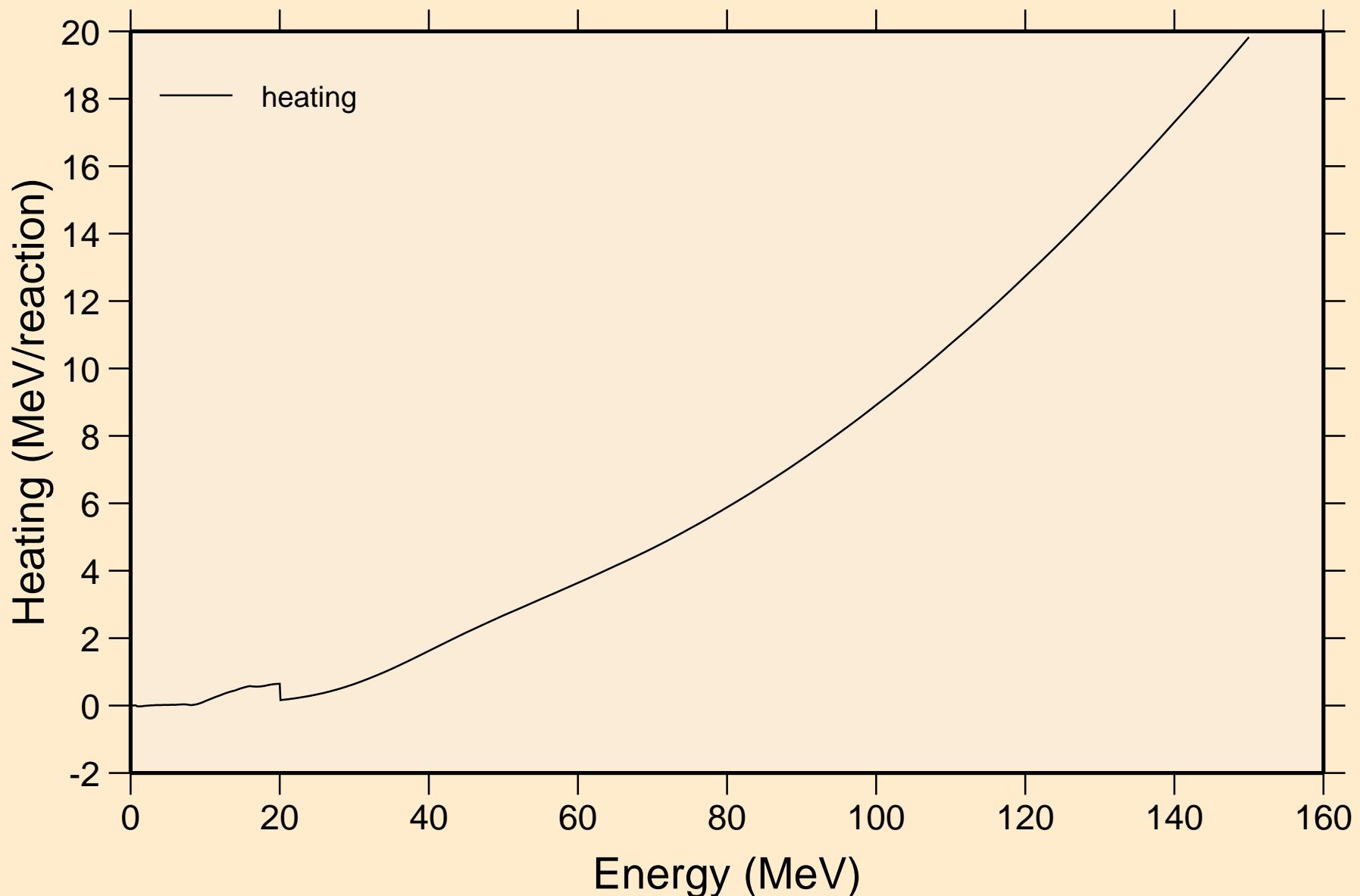


ENDF/B-VII HG-199

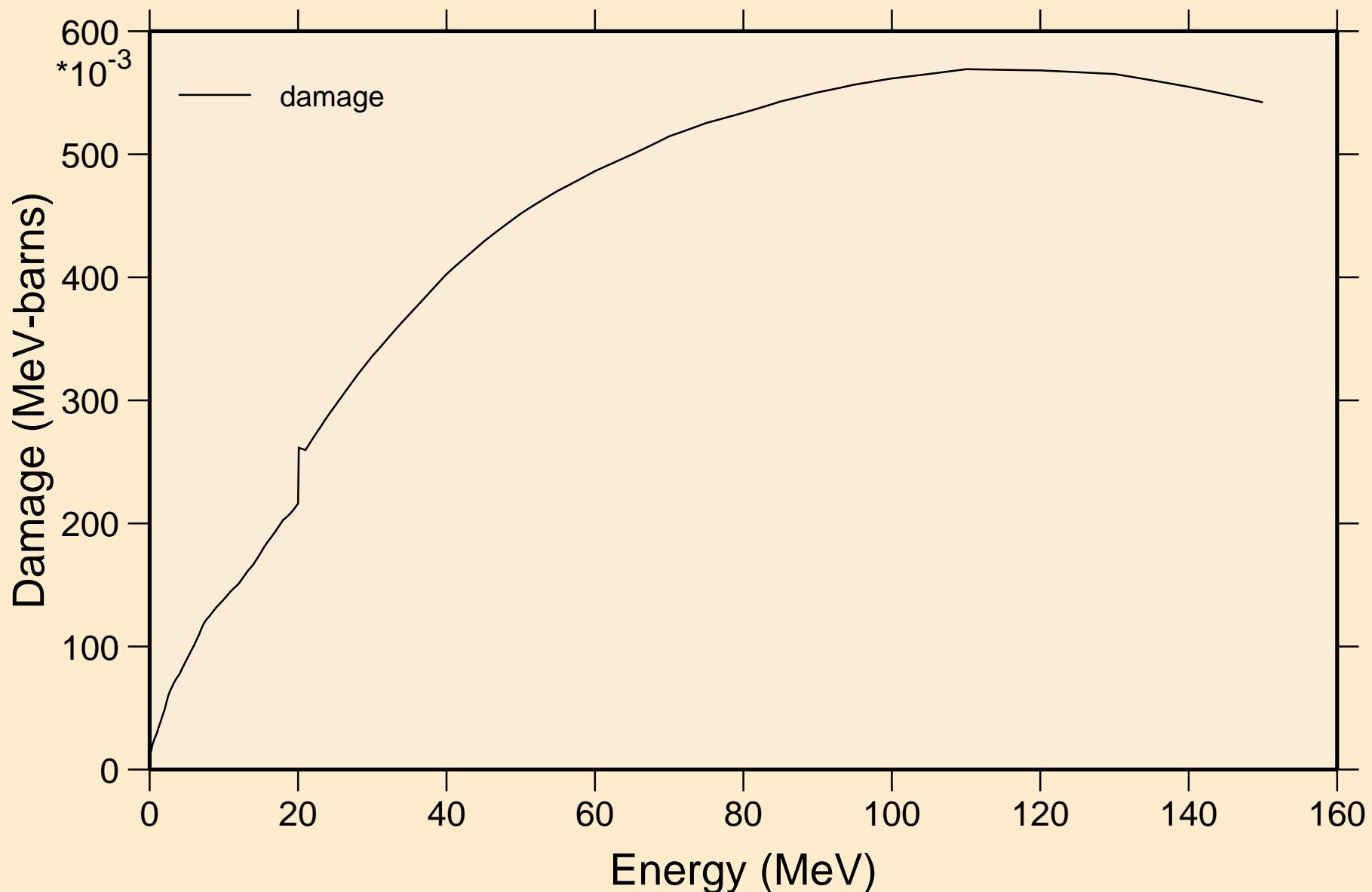
Principal cross sections



ENDF/B-VII HG-199
Heating

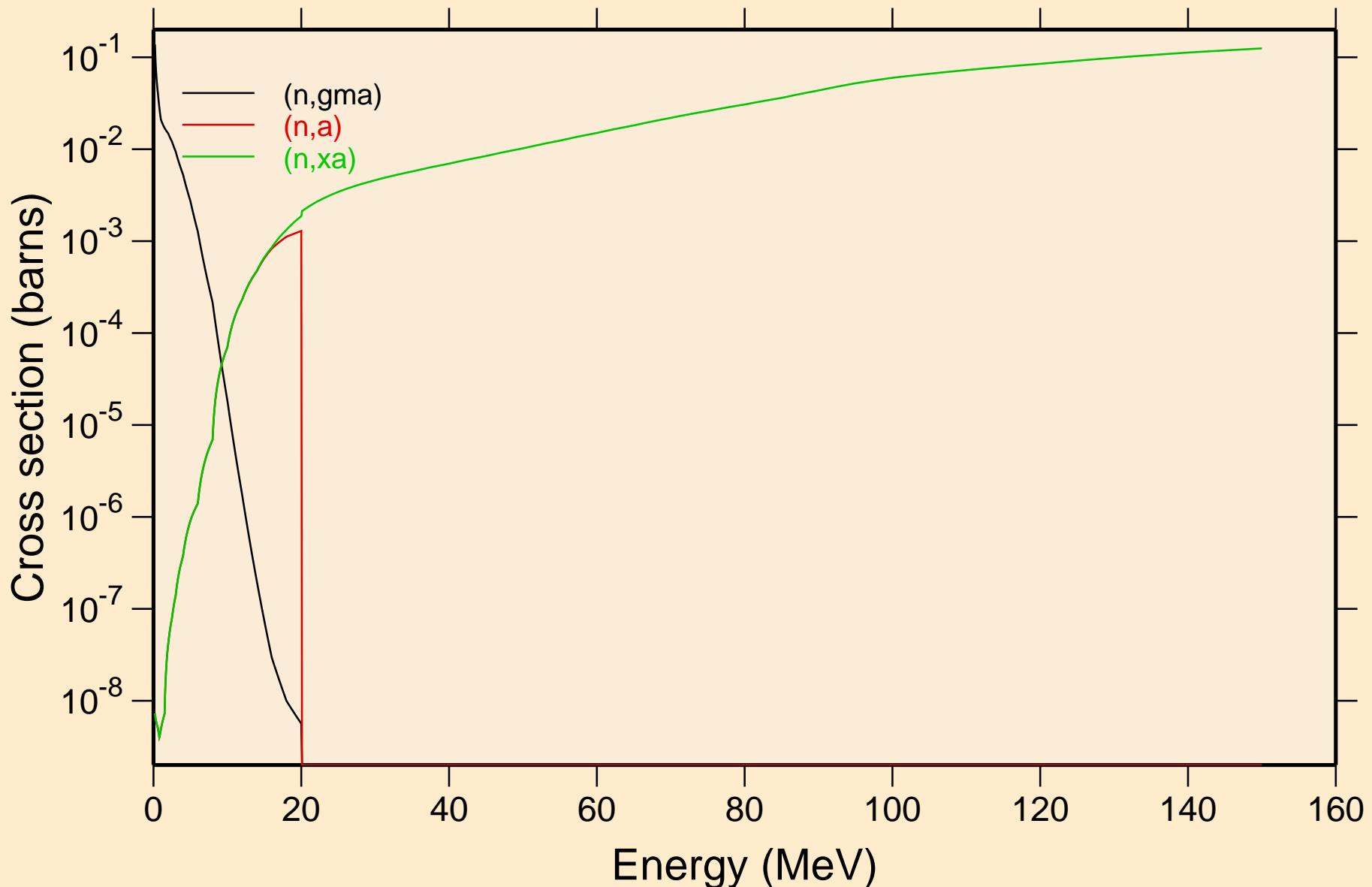


ENDF/B-VII HG-199
Damage



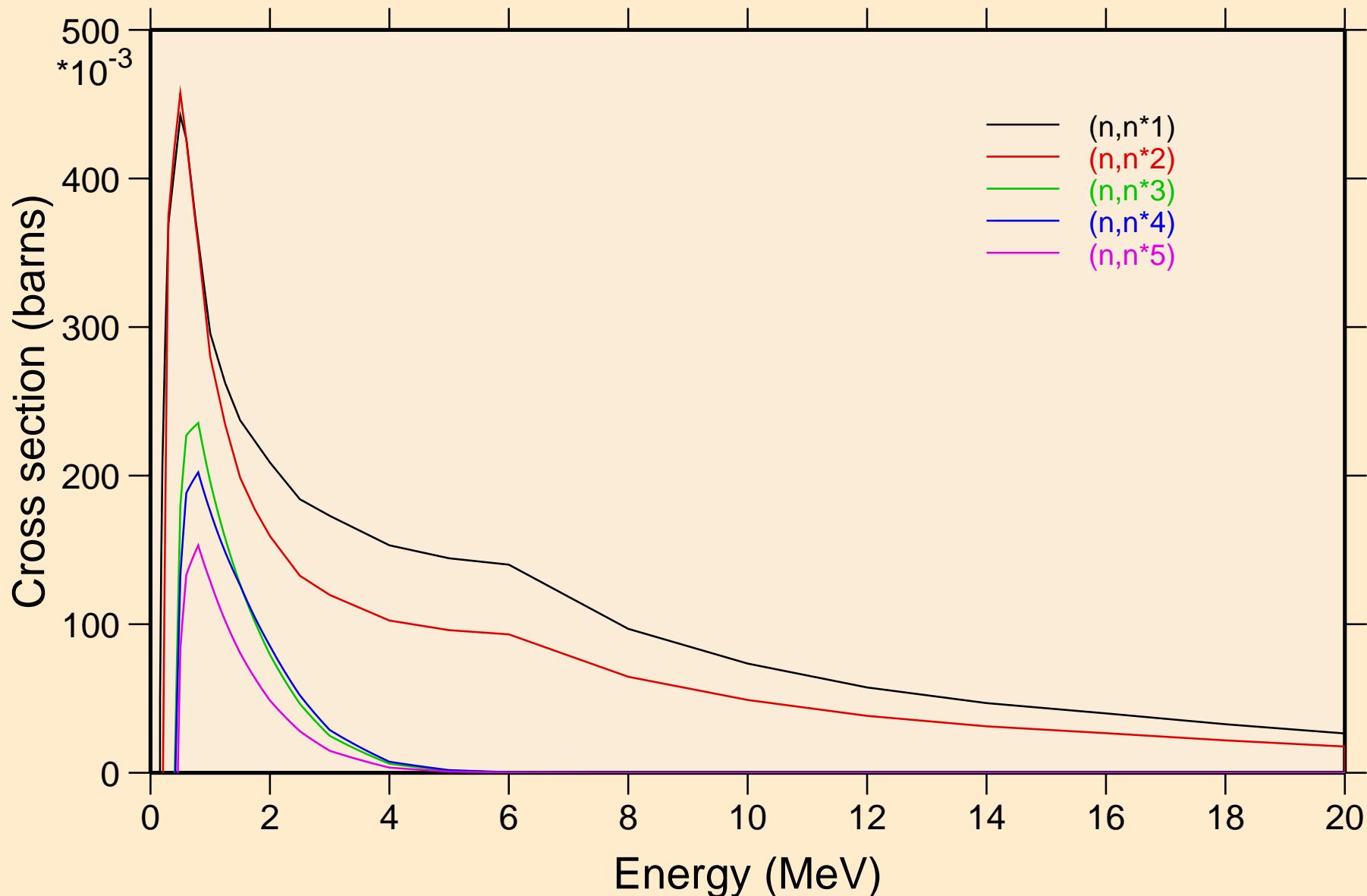
ENDF/B-VII HG-199

Non-threshold reactions



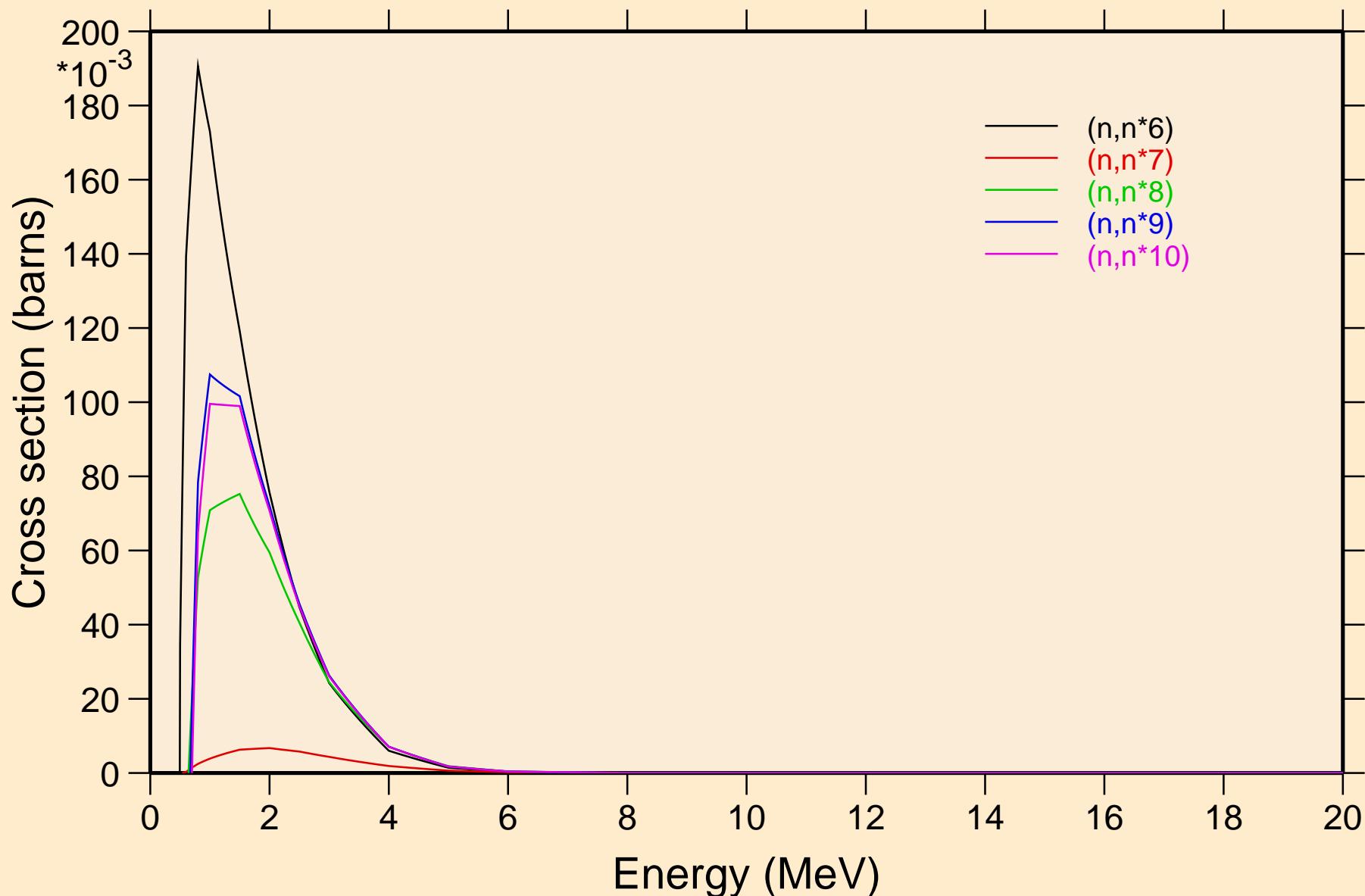
ENDF/B-VII HG-199

Inelastic levels

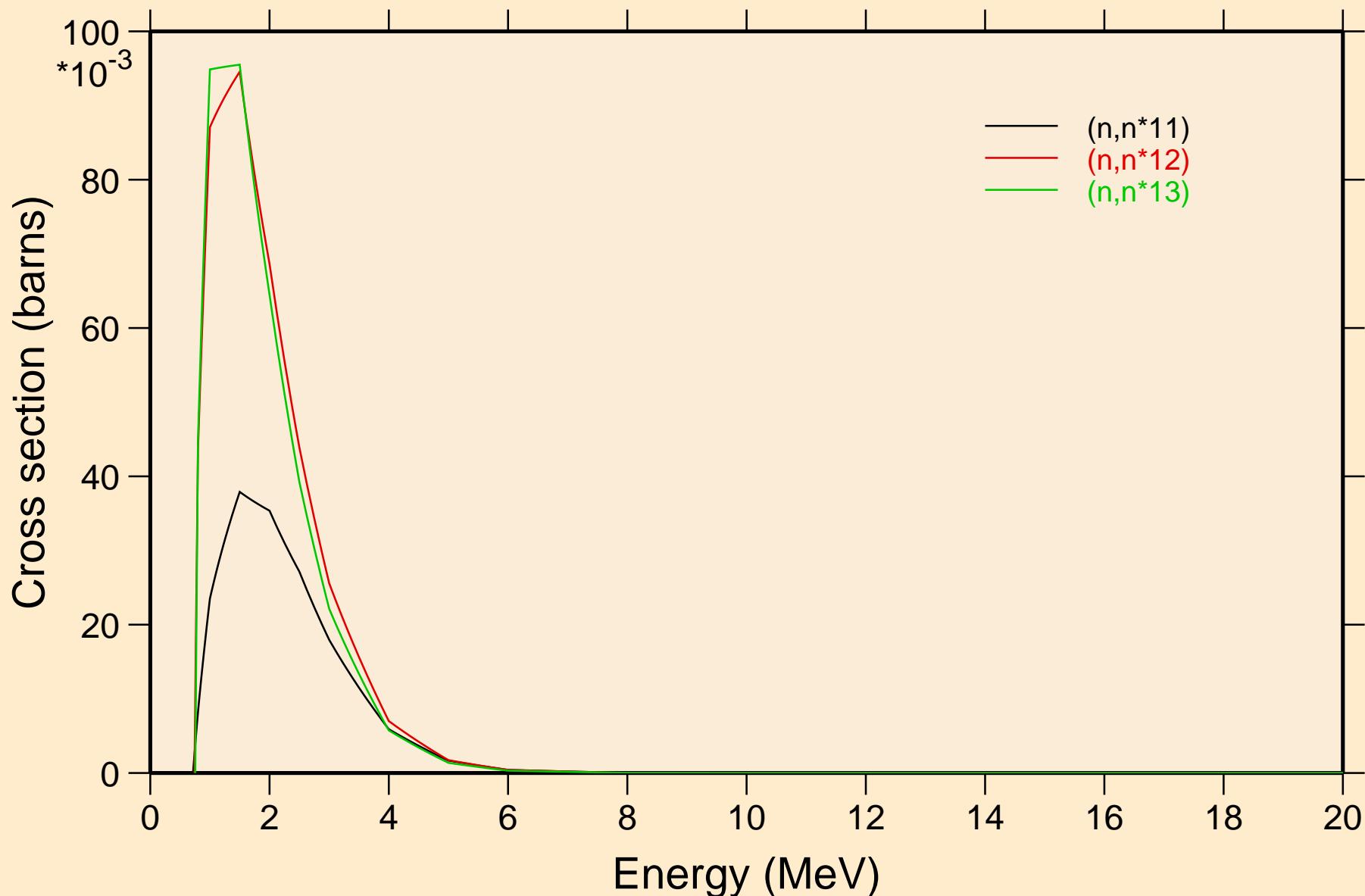


ENDF/B-VII HG-199

Inelastic levels

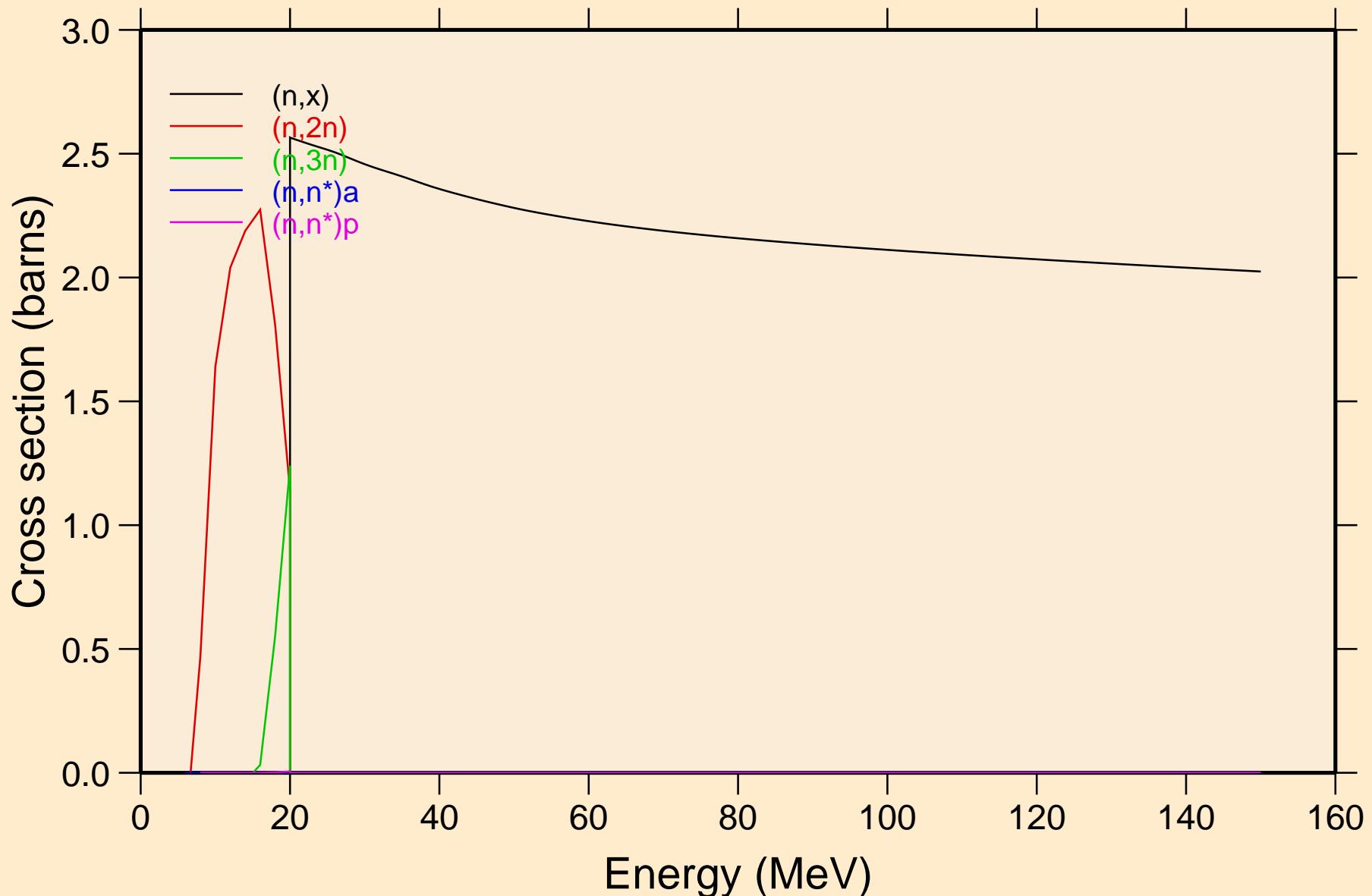


ENDF/B-VII HG-199
Inelastic levels



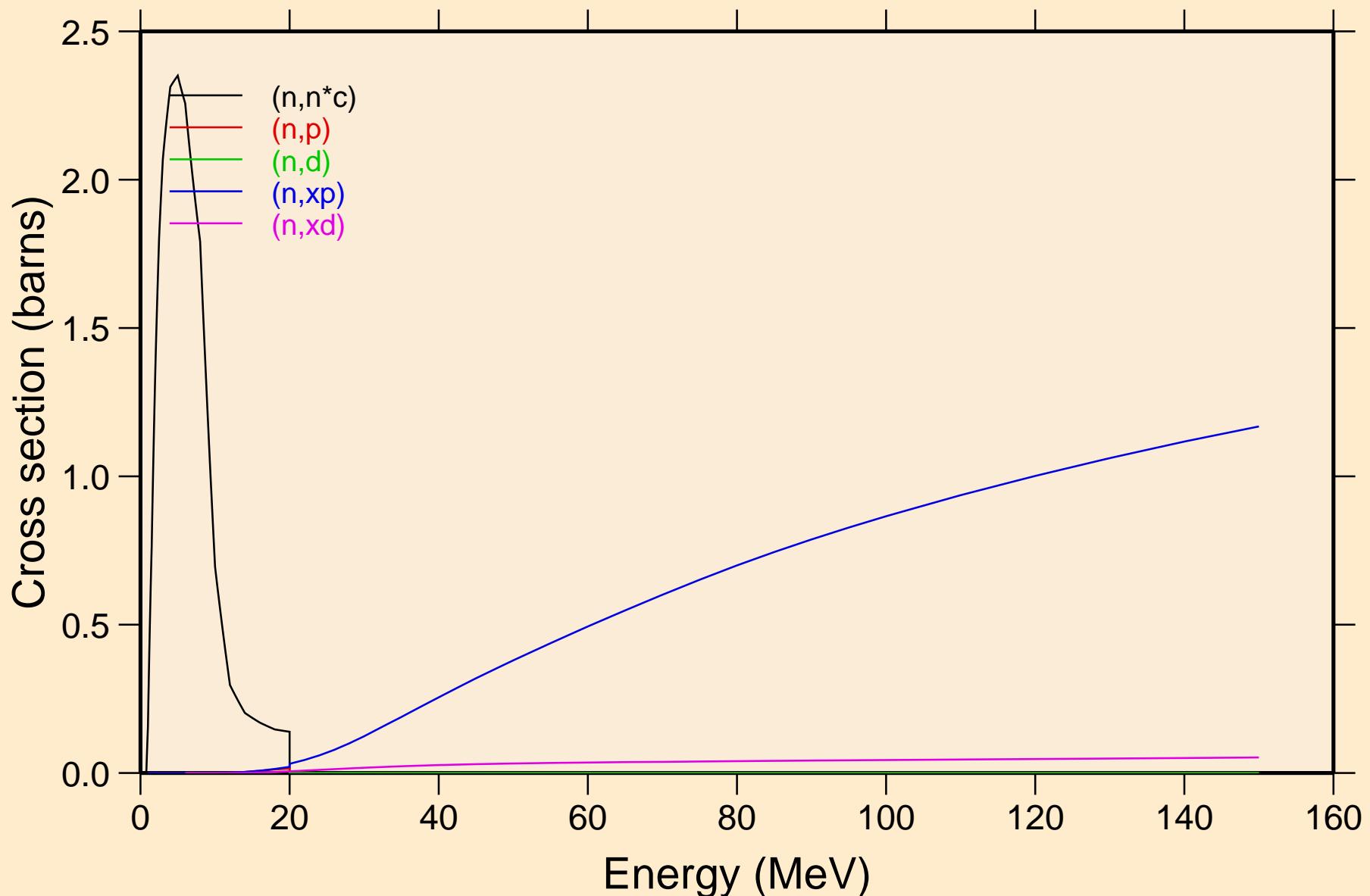
ENDF/B-VII HG-199

Threshold reactions

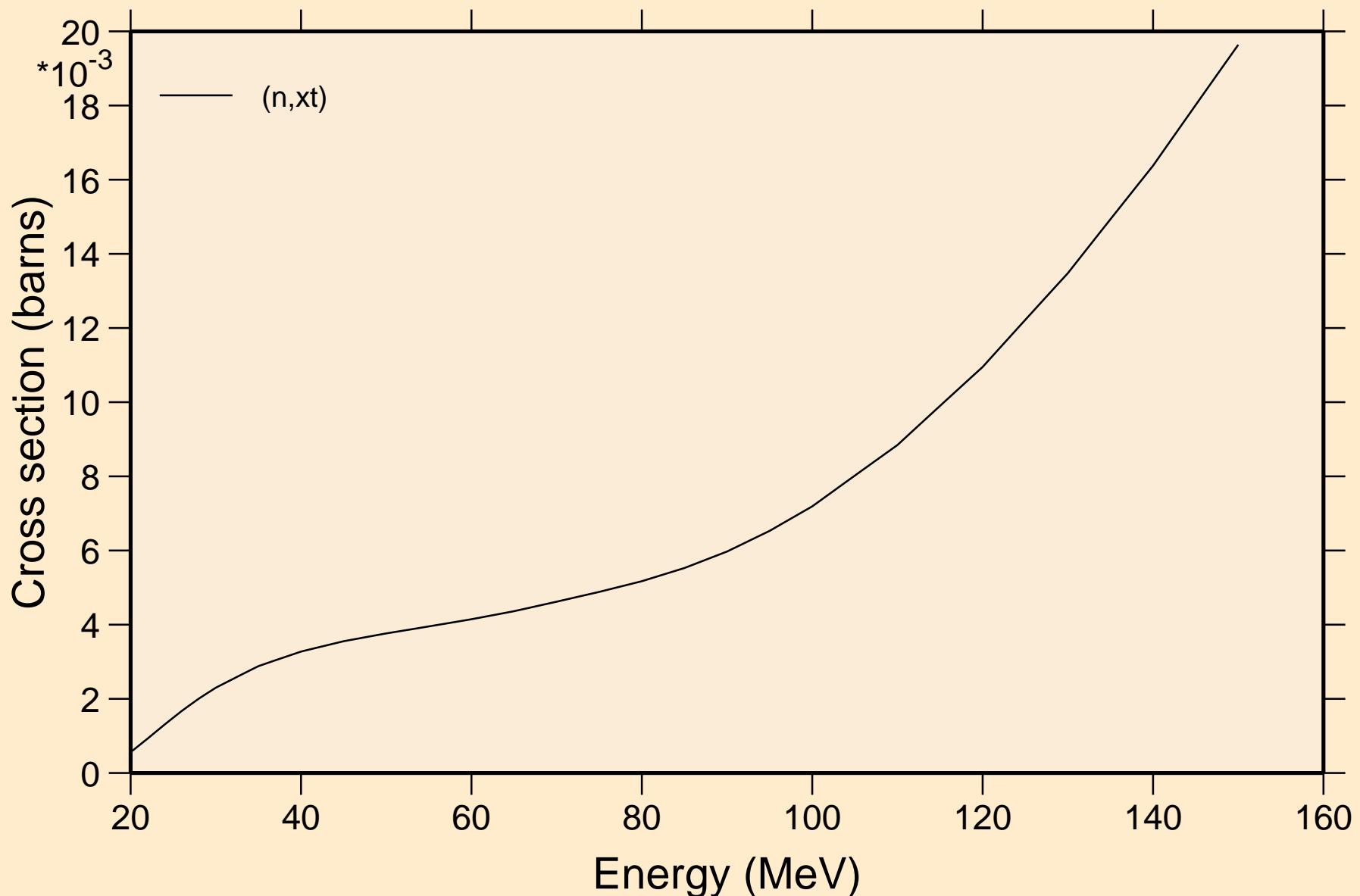


ENDF/B-VII HG-199

Threshold reactions

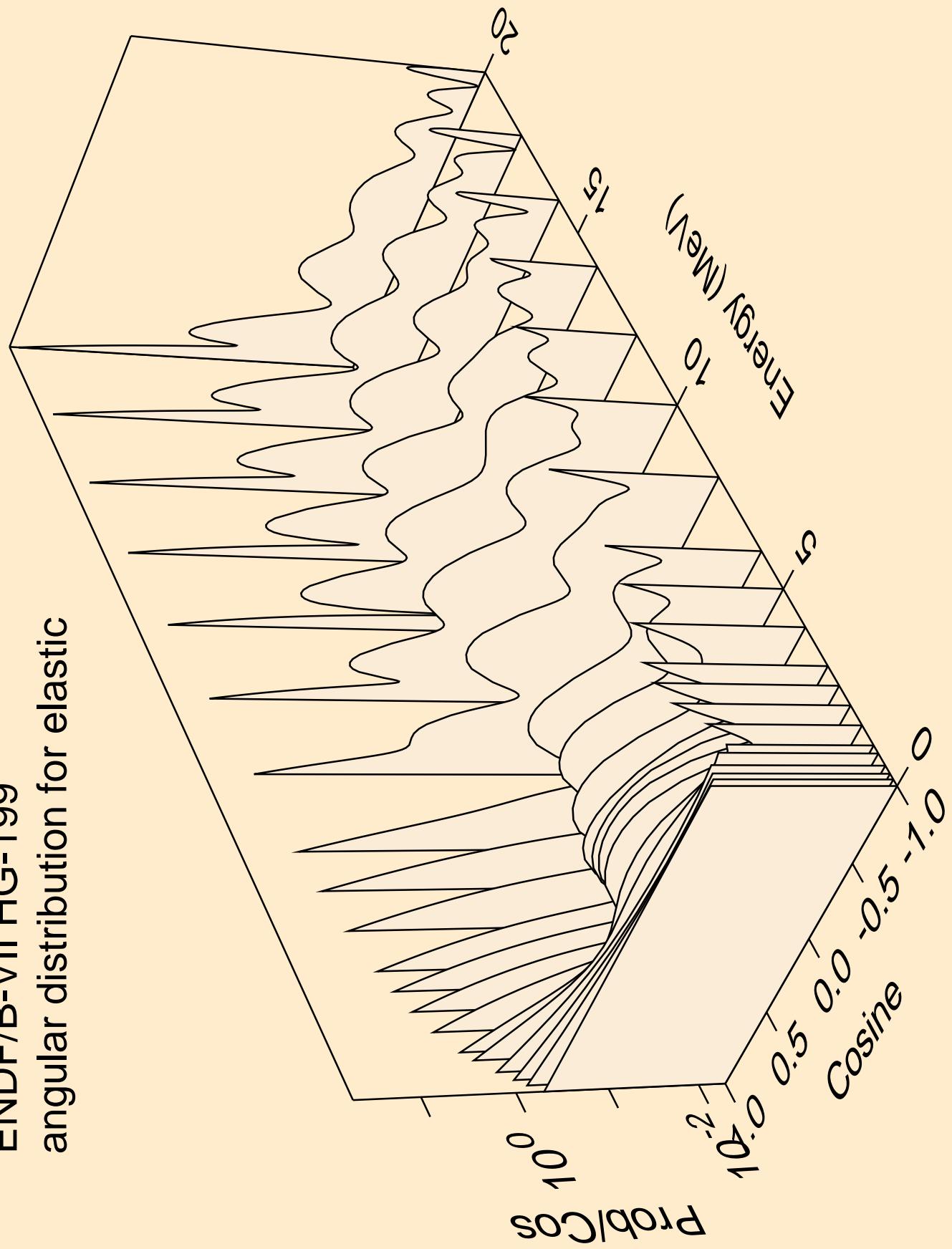


ENDF/B-VII HG-199
Threshold reactions

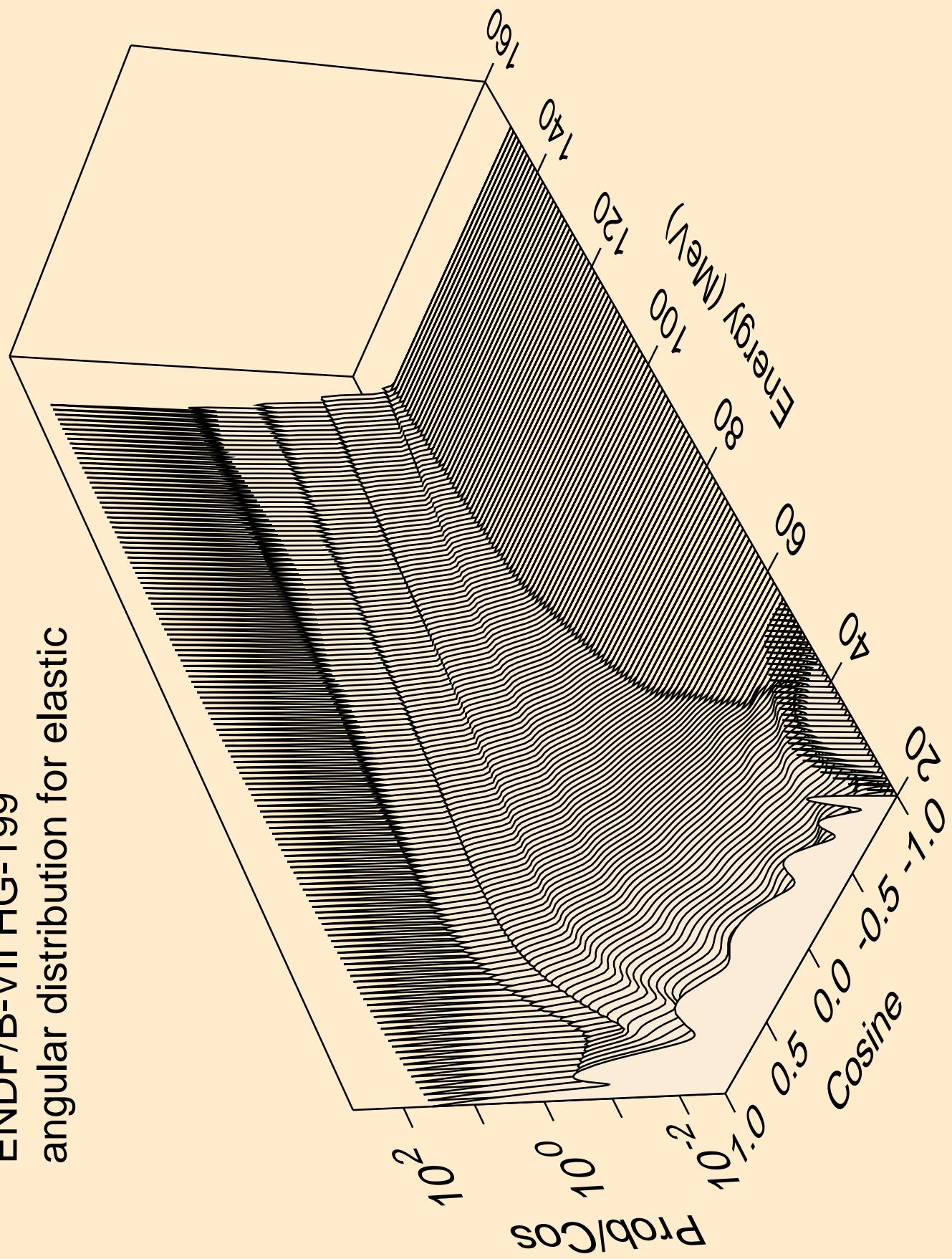


ENDF/B-VII HG-199

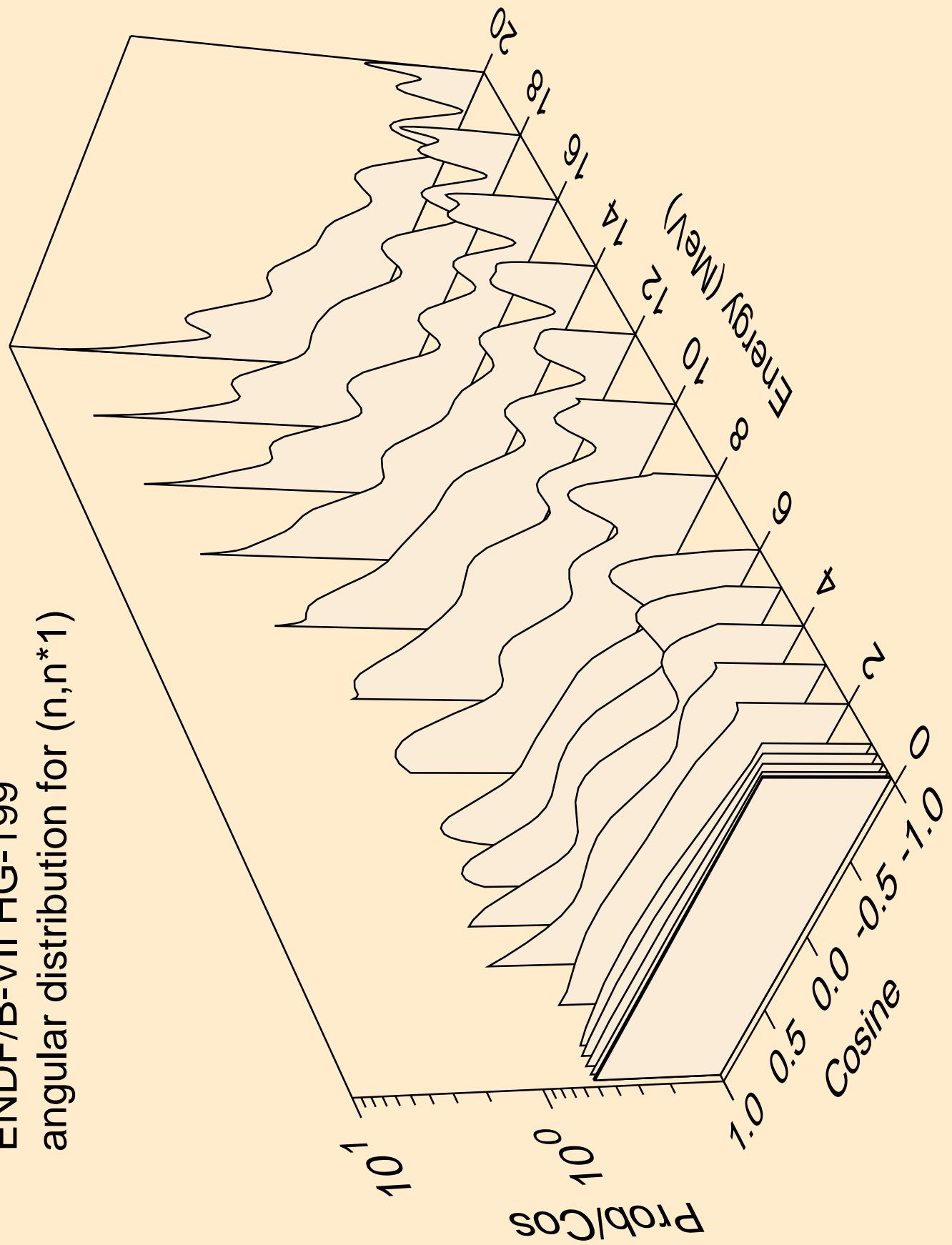
angular distribution for elastic



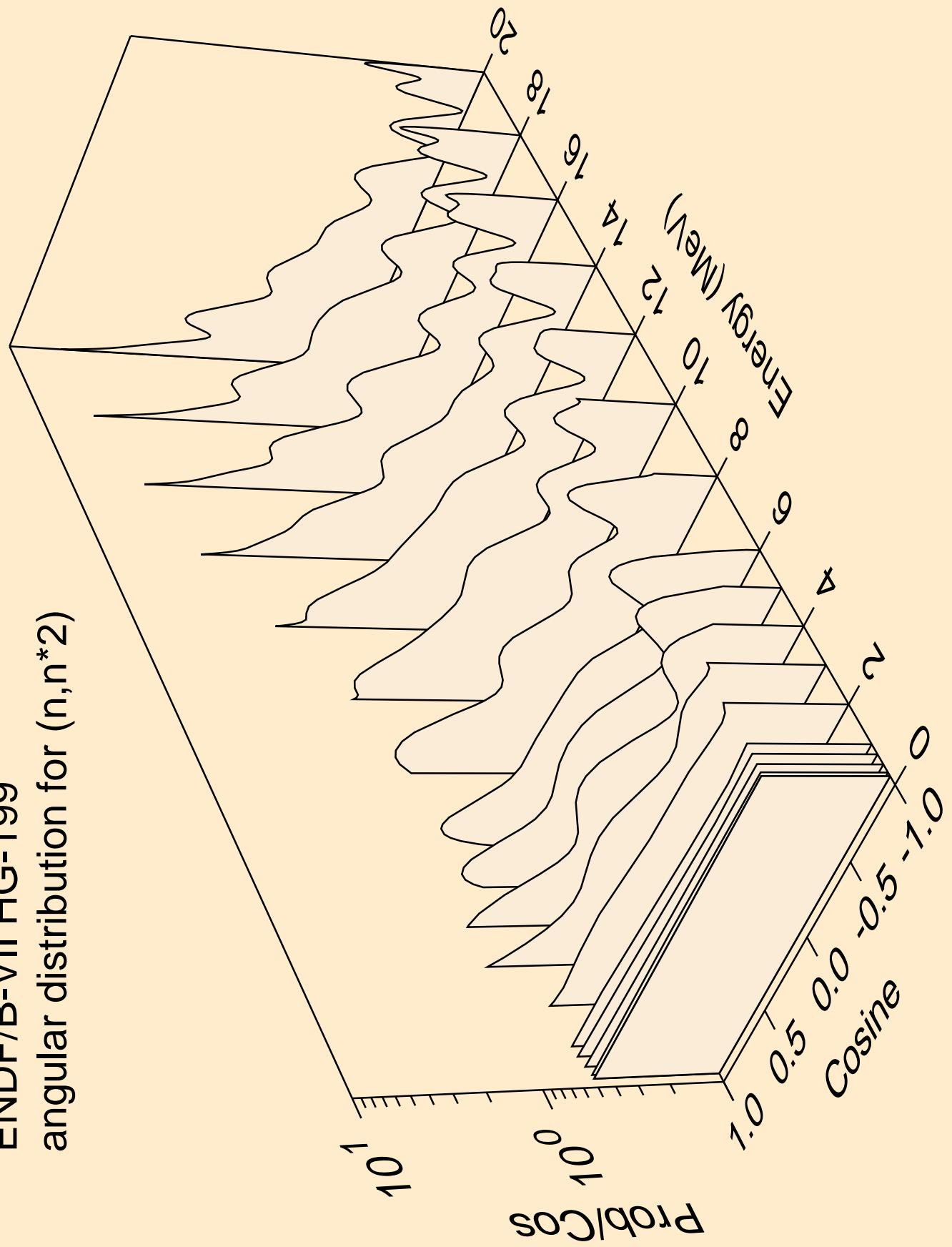
ENDF/B-VII HG-199
angular distribution for elastic



ENDF/B-VII HG-199
angular distribution for (n, n^*)

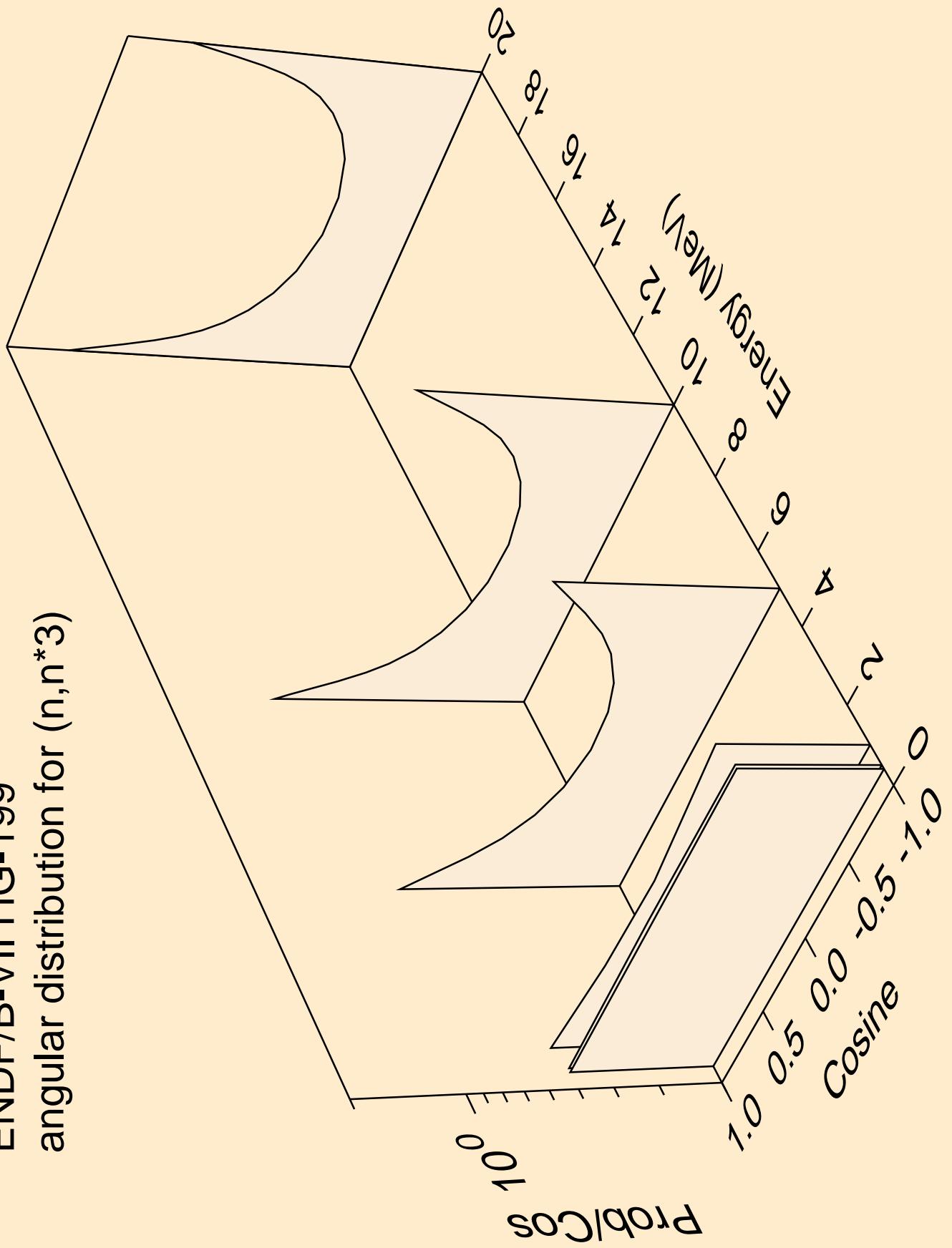


ENDF/B-VII HG-199
angular distribution for (n,n^*2)



ENDF/B-VII HG-199

angular distribution for (n,n^*3)



ENDF/B-VII HG-199
angular distribution for (n,n^*4)

Prob/Cos

10^0

1.0

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

Δ

σ

Energy (MeV)

20

18

16

14

12

10

8

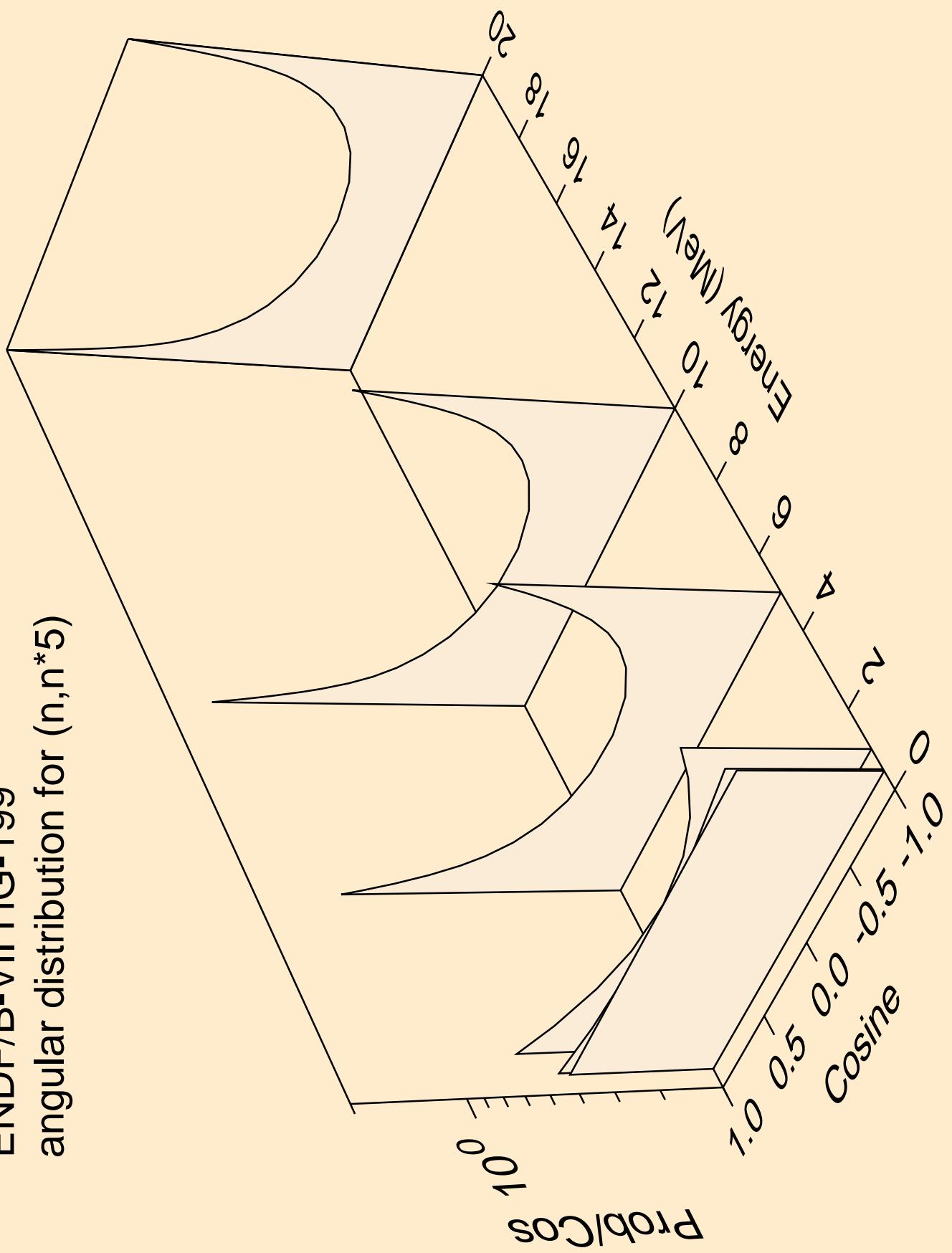
6

4

2

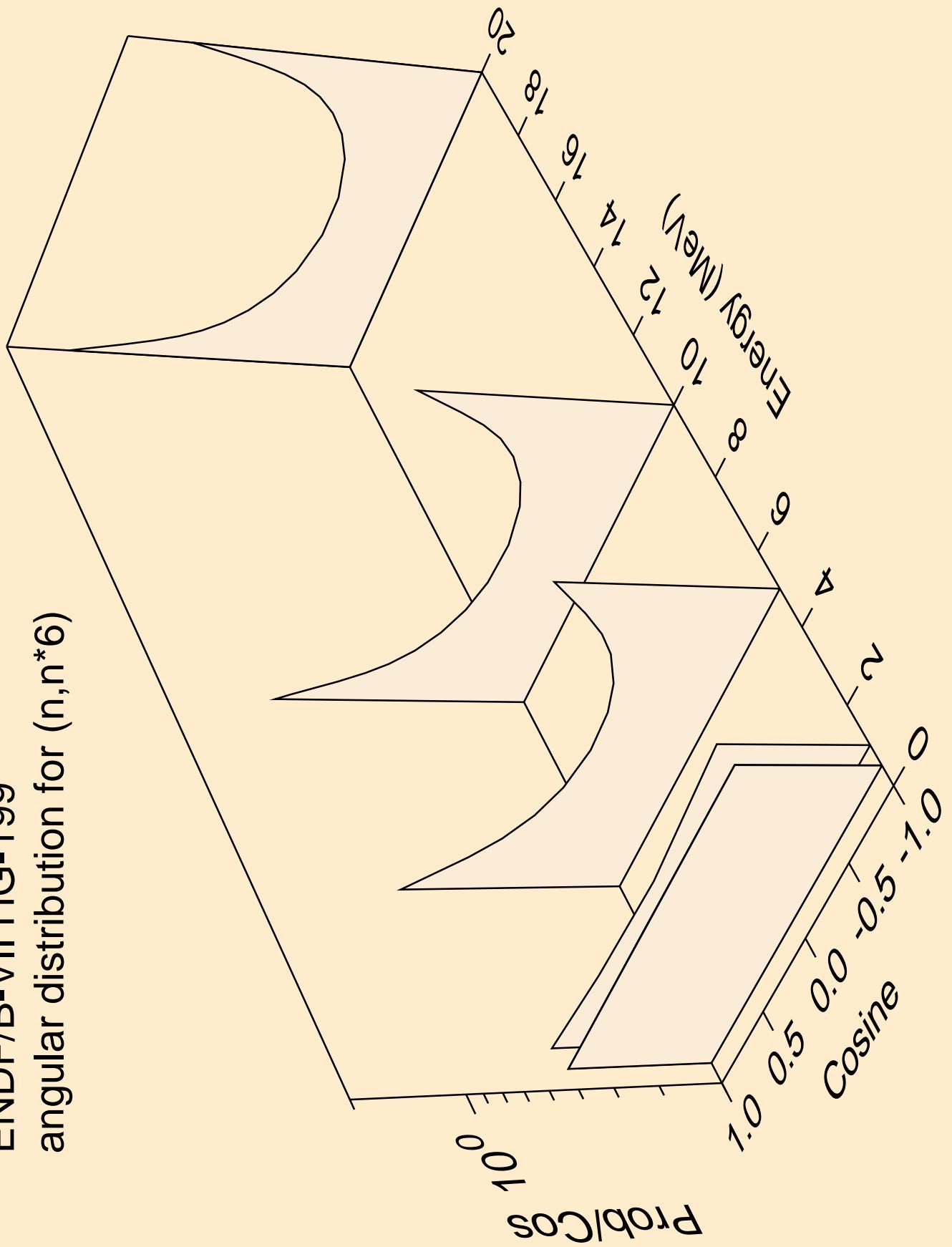
0

ENDF/B-VII HG-199
angular distribution for (n,n^*5)

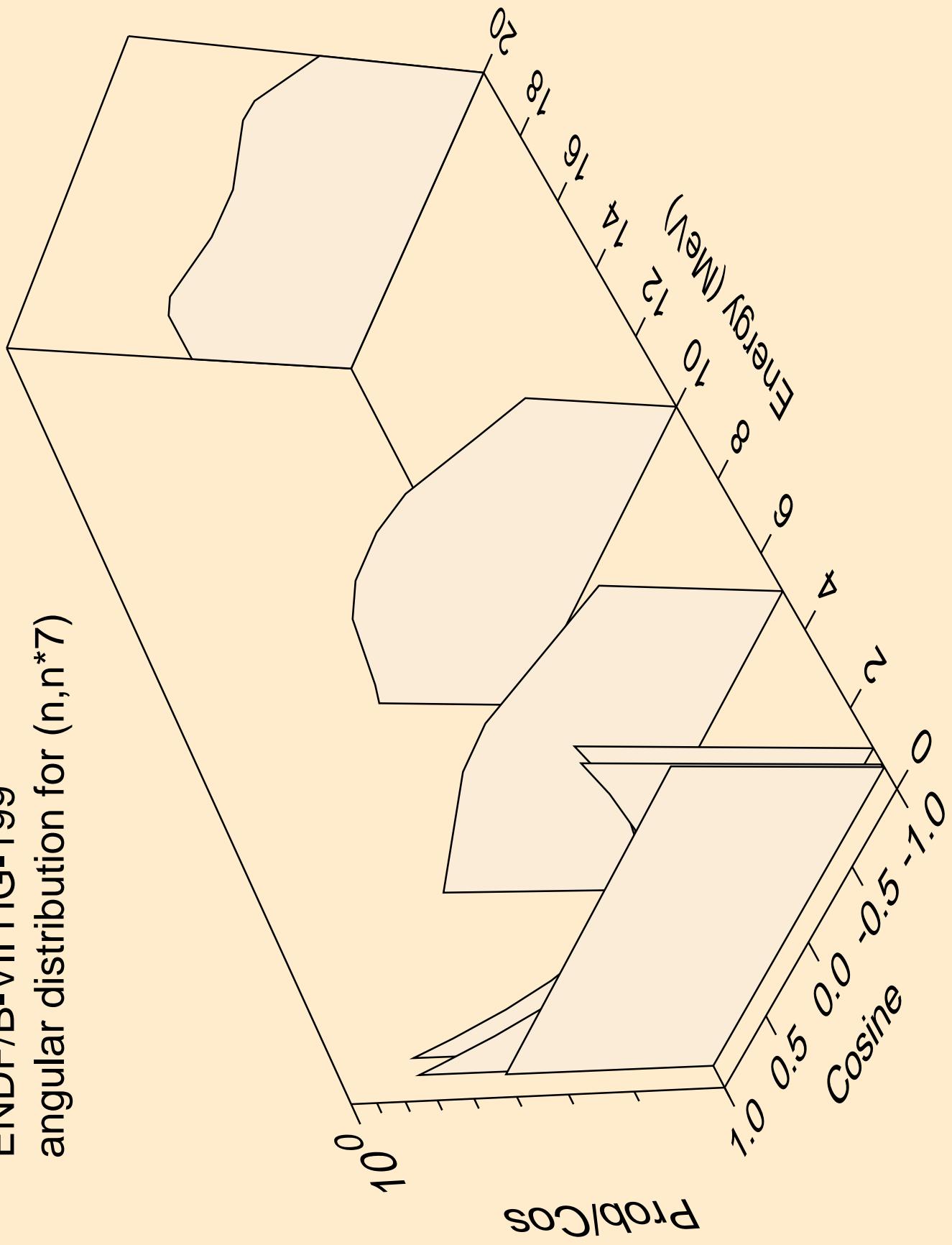


ENDF/B-VII HG-199

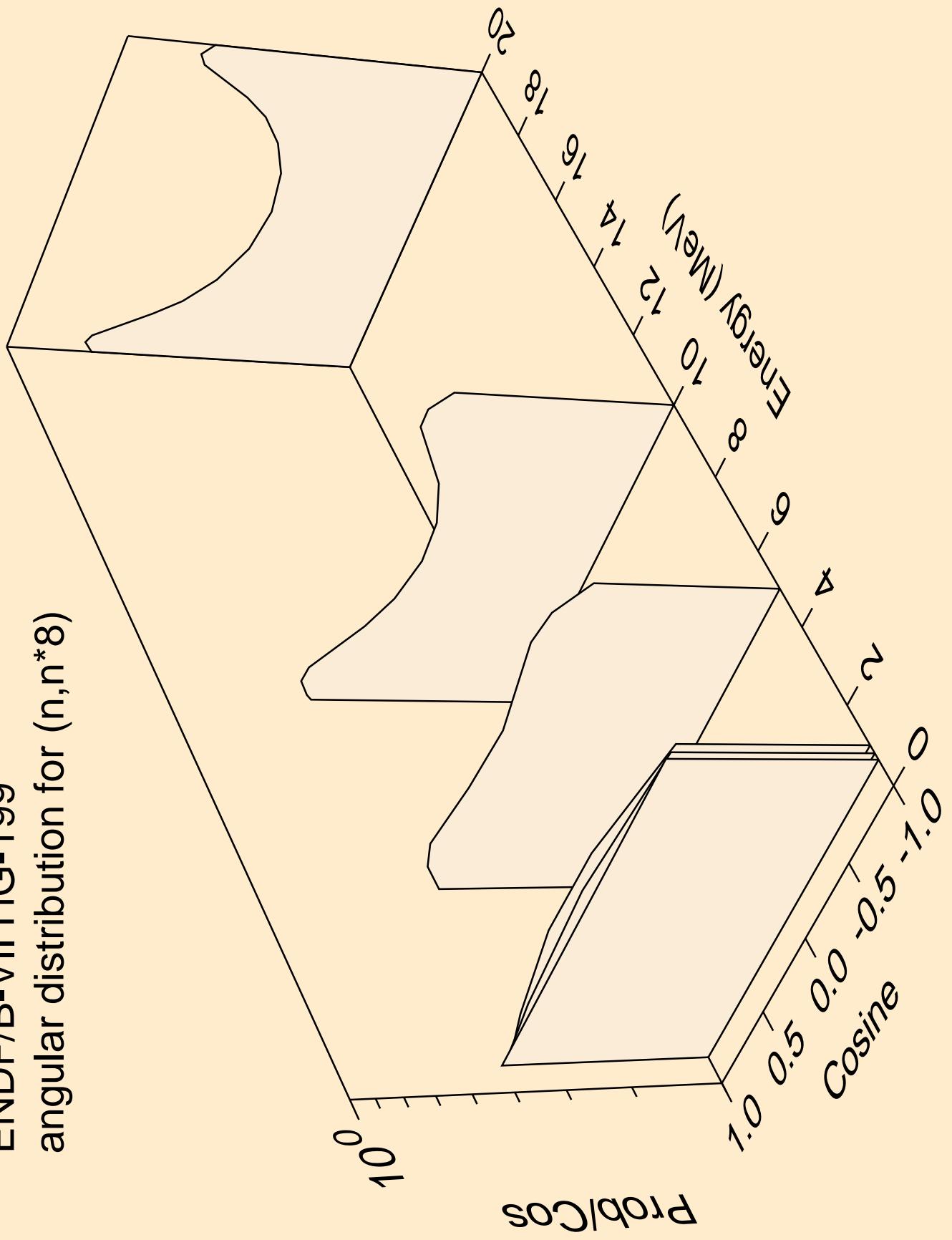
angular distribution for $(n, n^* \gamma)$



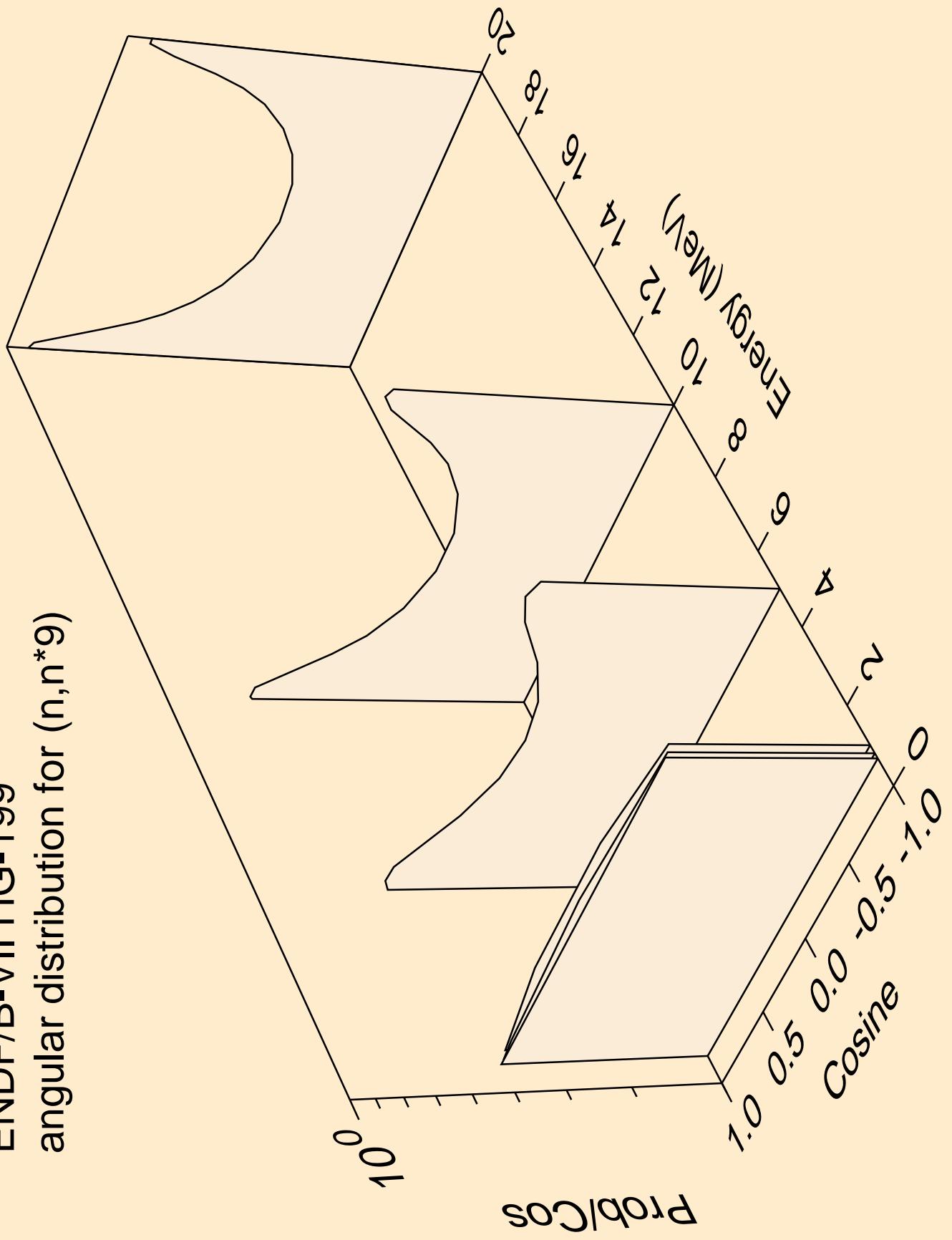
ENDF/B-VII HG-199
angular distribution for (n,n*7)



ENDF/B-VII HG-199
angular distribution for (n,n^*)⁸

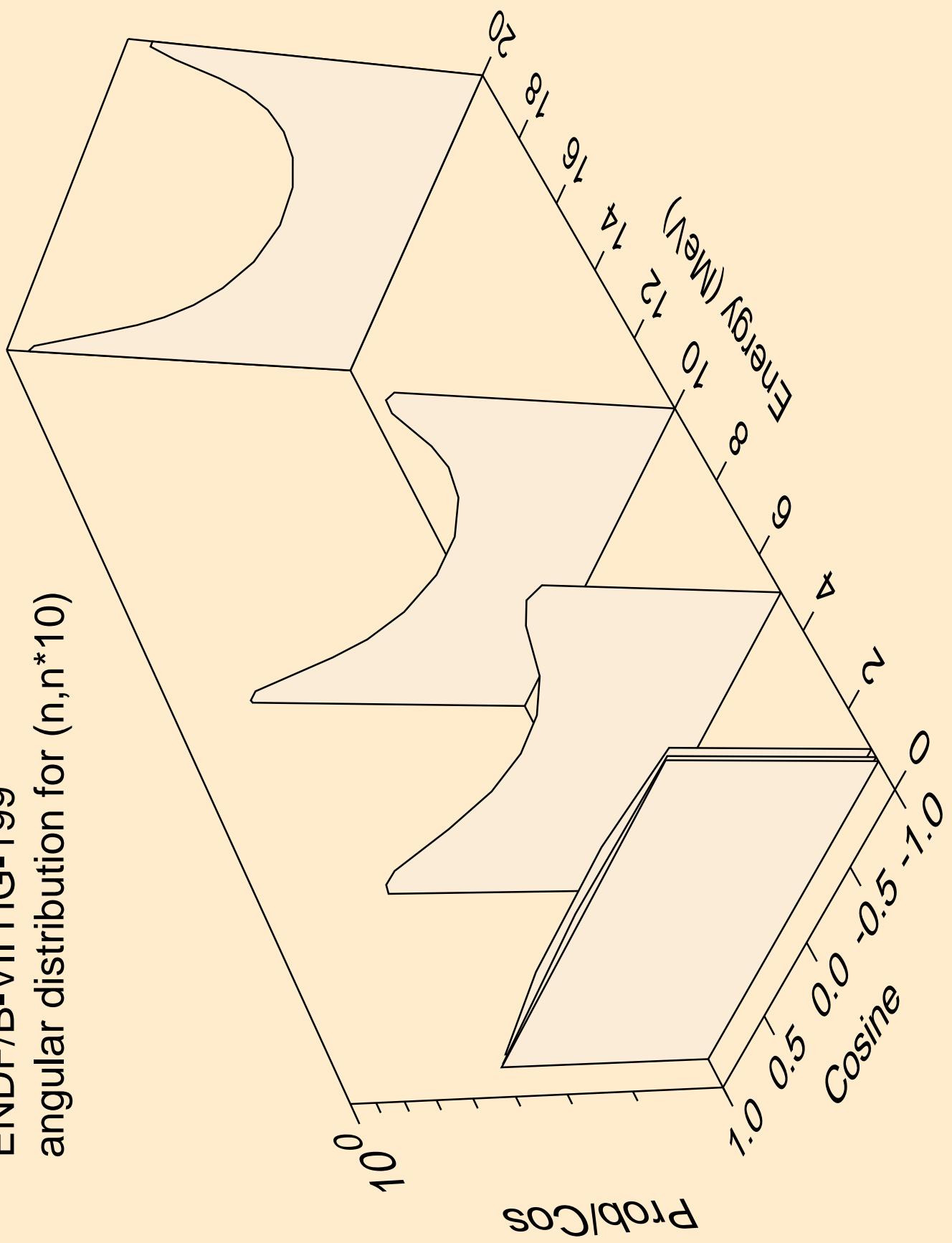


ENDF/B-VII HG-199
angular distribution for (n,n^*g)



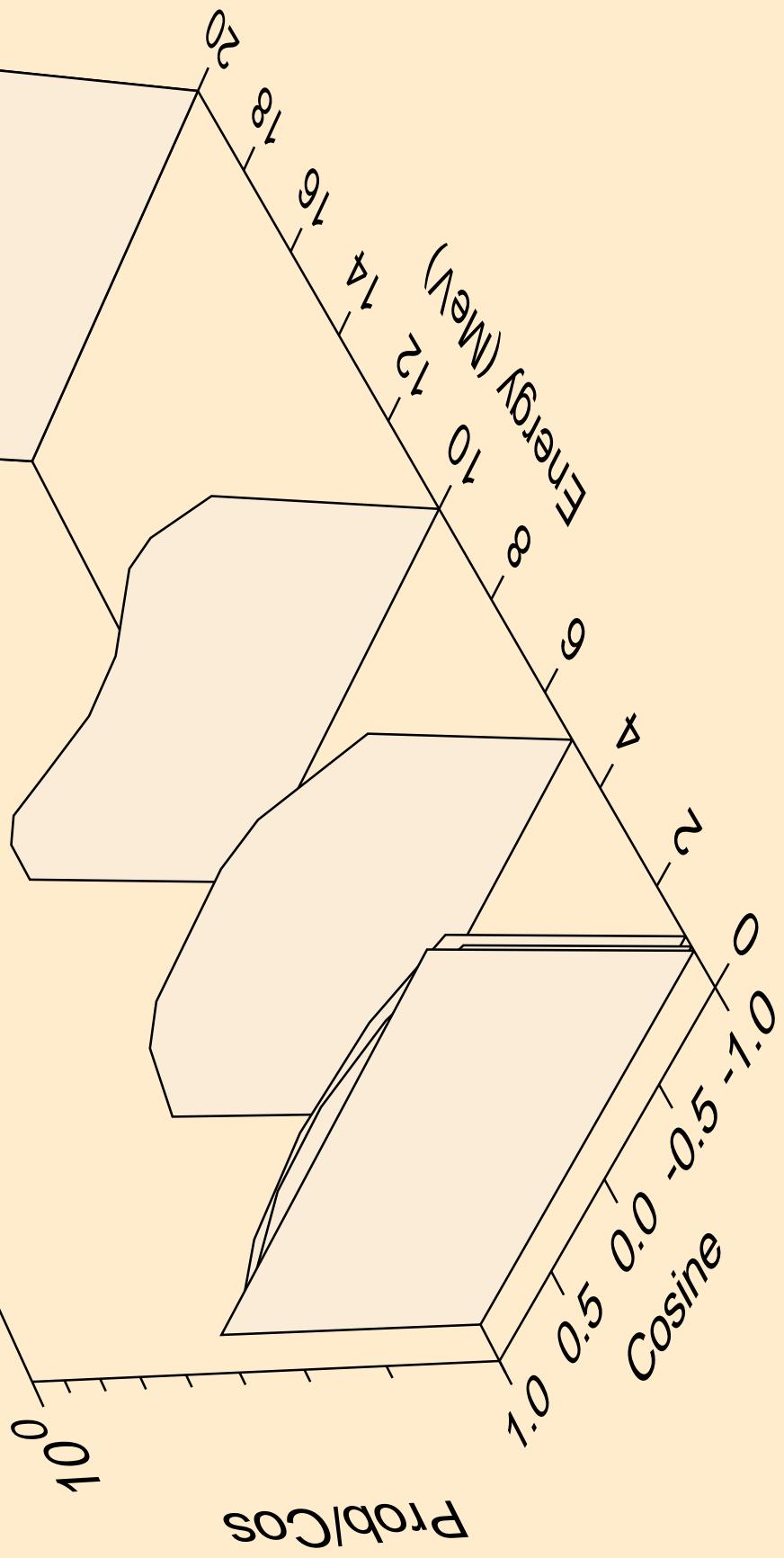
ENDF/B-VII HG-199

angular distribution for (n,n^*10)



ENDF/B-VII HG-199

angular distribution for (n,n*11)



ENDF/B-VII HG-199

angular distribution for (n,n^*12)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Δ

σ

Energies (MeV)

ϕ_0

ϕ_8

ϕ_{16}

ϕ_{24}

ϕ_{32}

ϕ_{40}

ϕ_{48}

ϕ_{56}

ϕ_{64}

ϕ_{72}

ϕ_{80}

ϕ_{88}

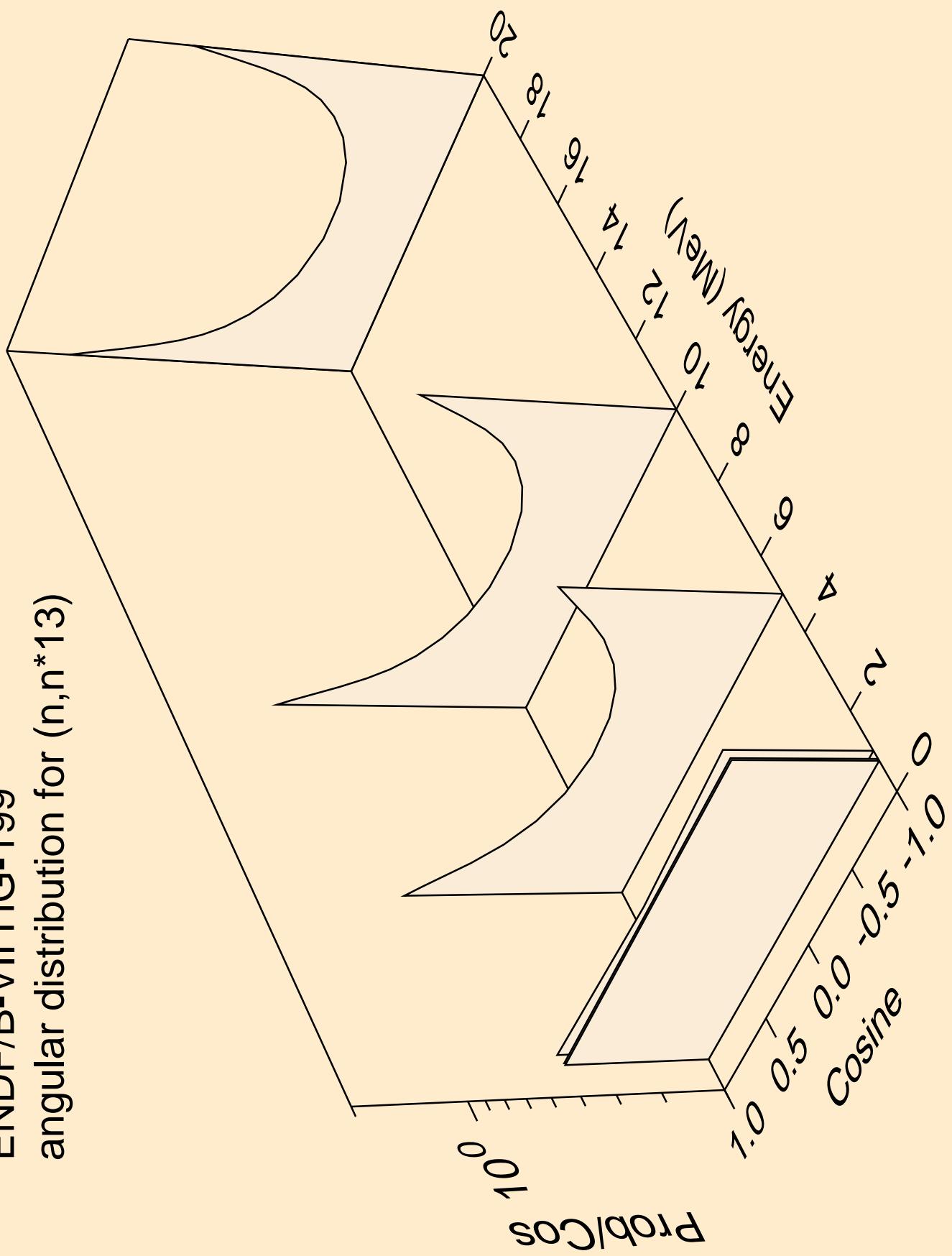
ϕ_{96}

ϕ_{104}

ϕ_{112}

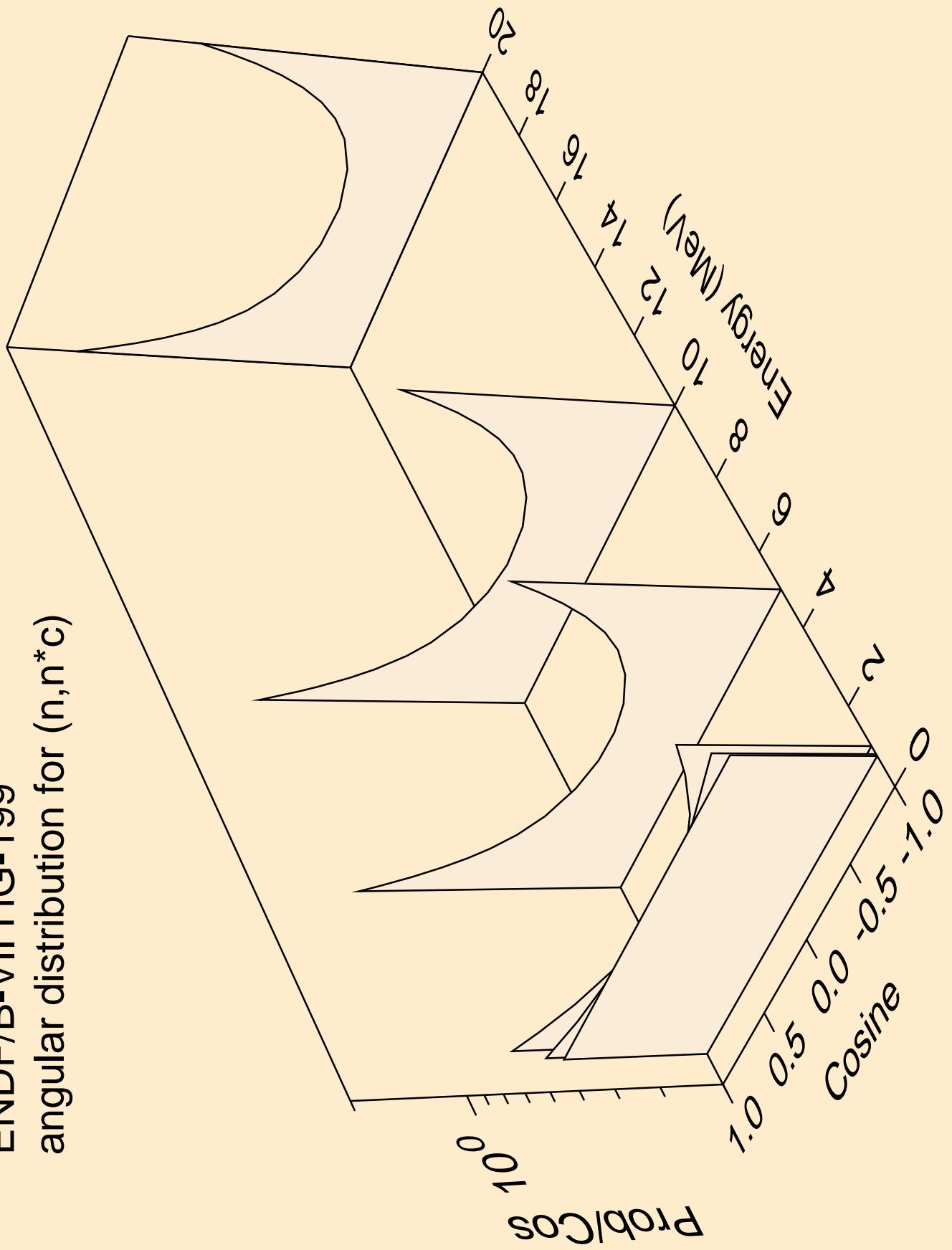
ENDF/B-VII HG-199

angular distribution for (n,n*13)

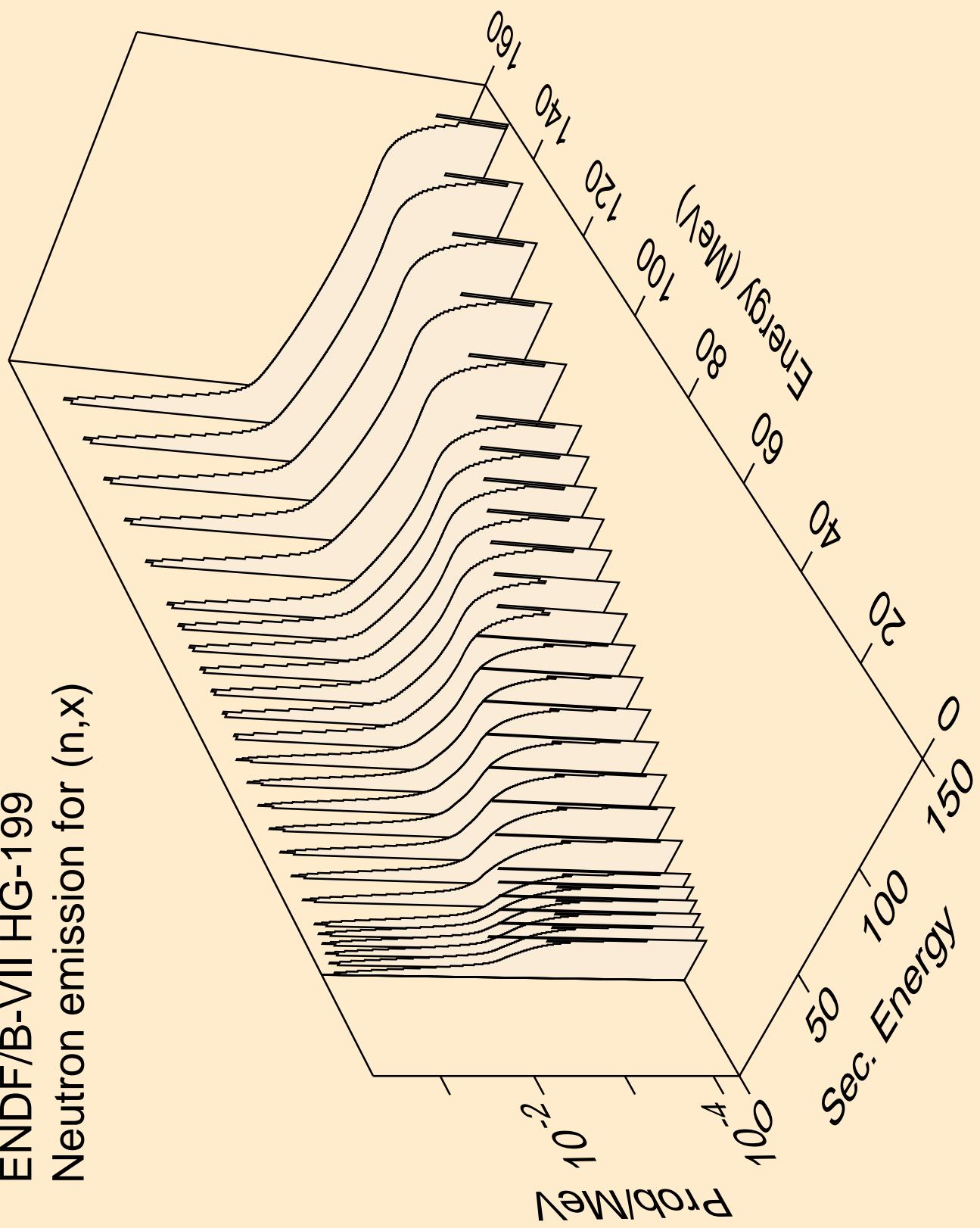


ENDF/B-VII HG-199

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

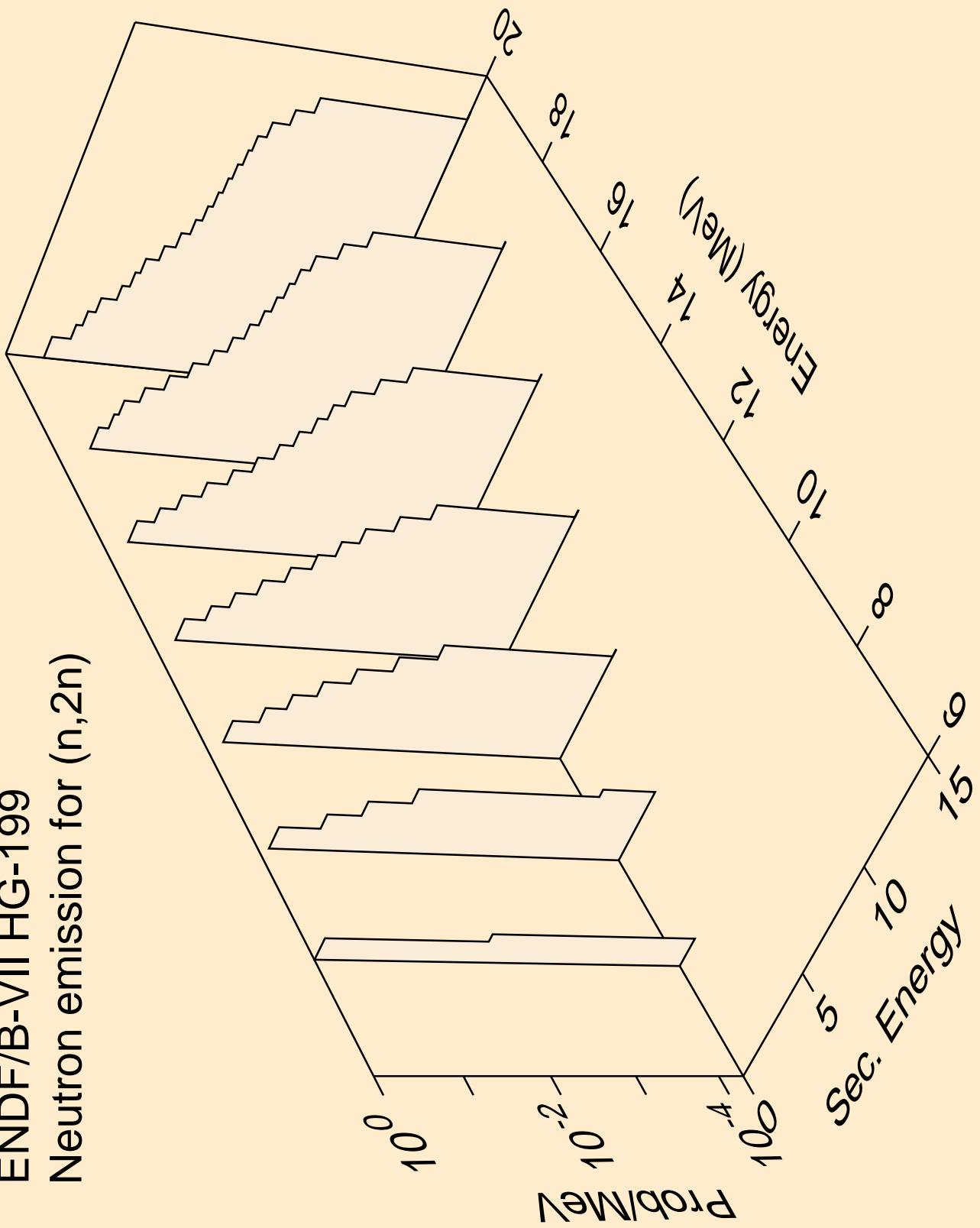


ENDF/B-VII HG-199
Neutron emission for (n,x)



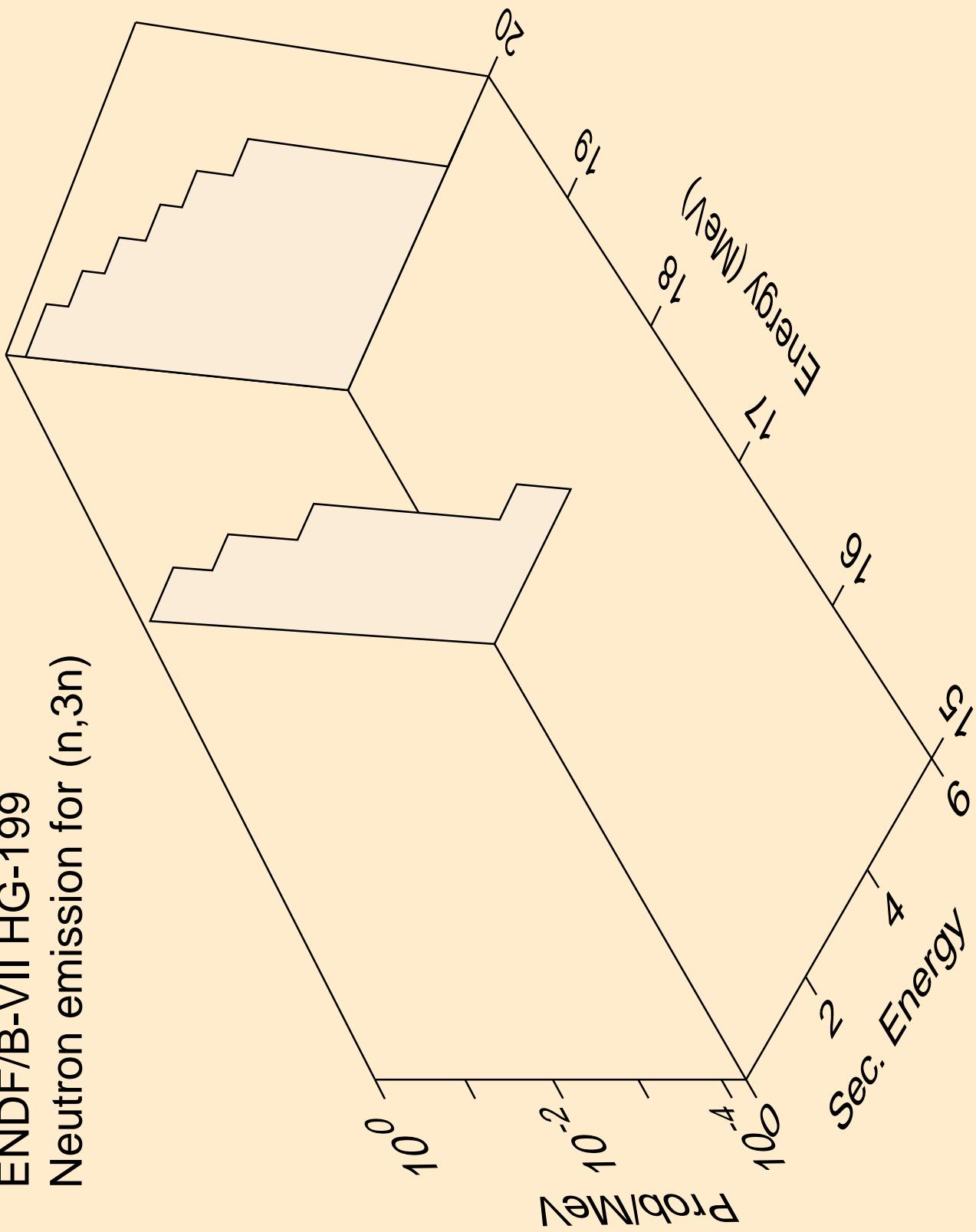
ENDF/B-VII HG-199

Neutron emission for $(n,2n)$



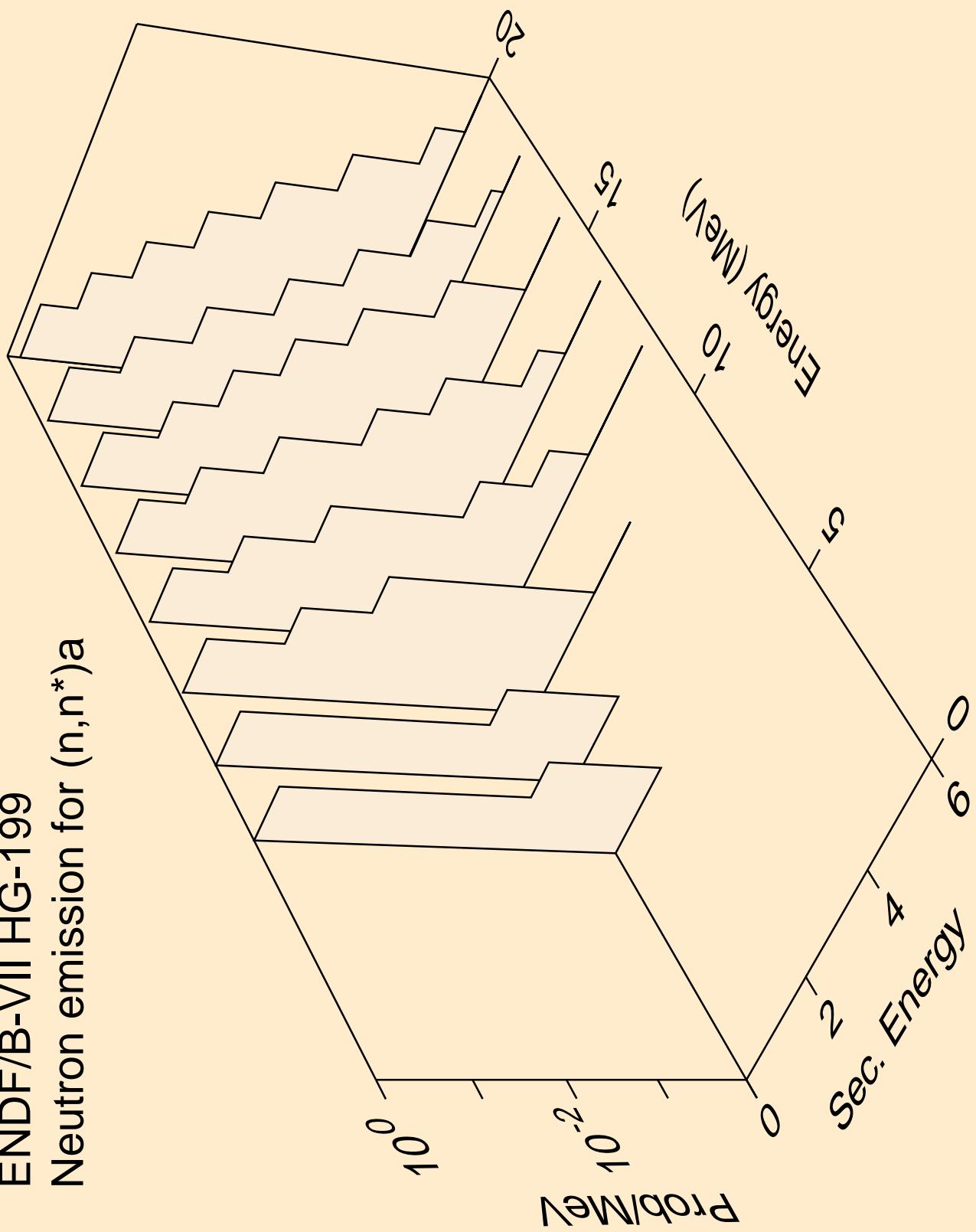
ENDF/B-VII HG-199

Neutron emission for $(n, 3n)$



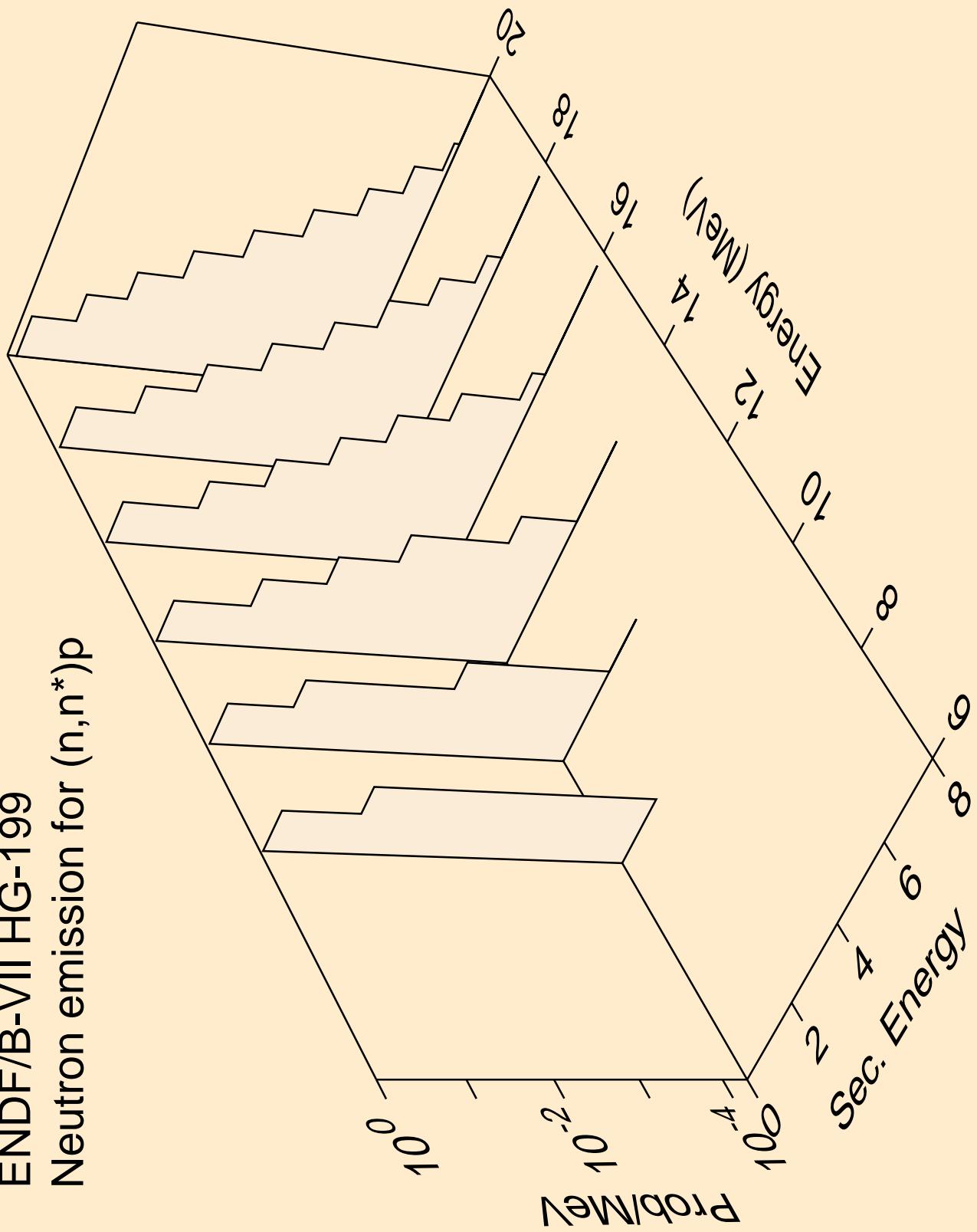
ENDF/B-VII HG-199

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



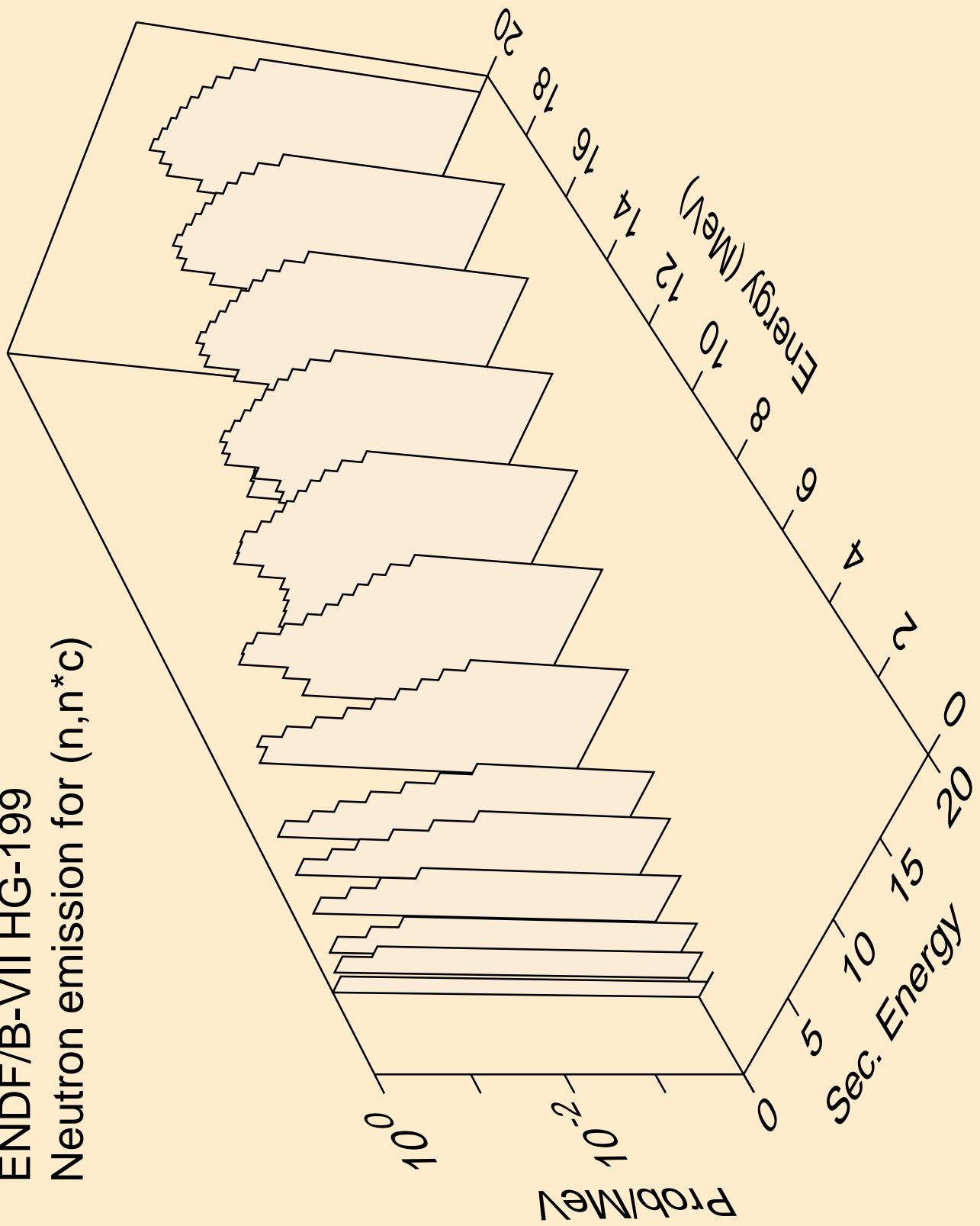
ENDF/B-VII HG-199

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

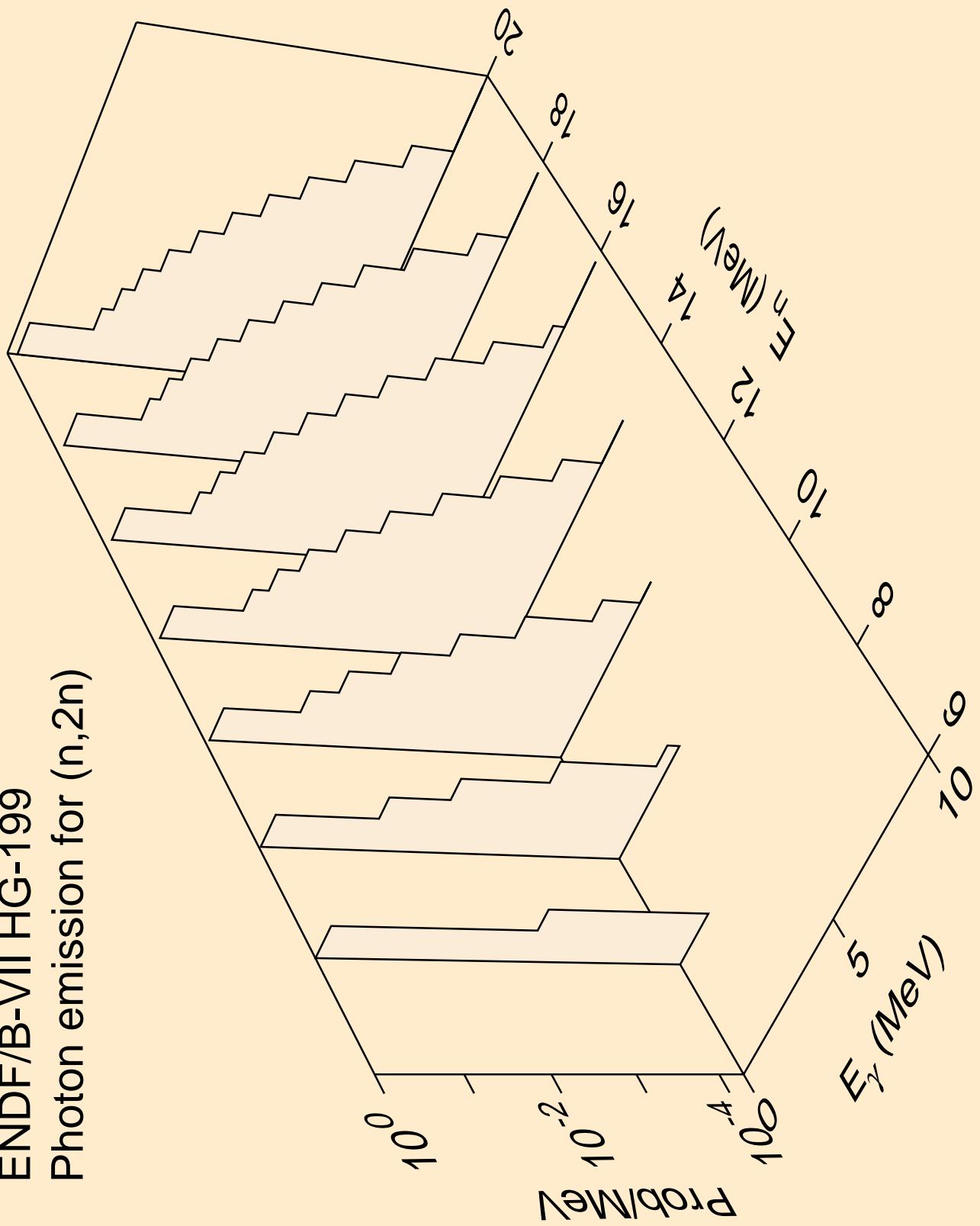


ENDF/B-VII HG-199

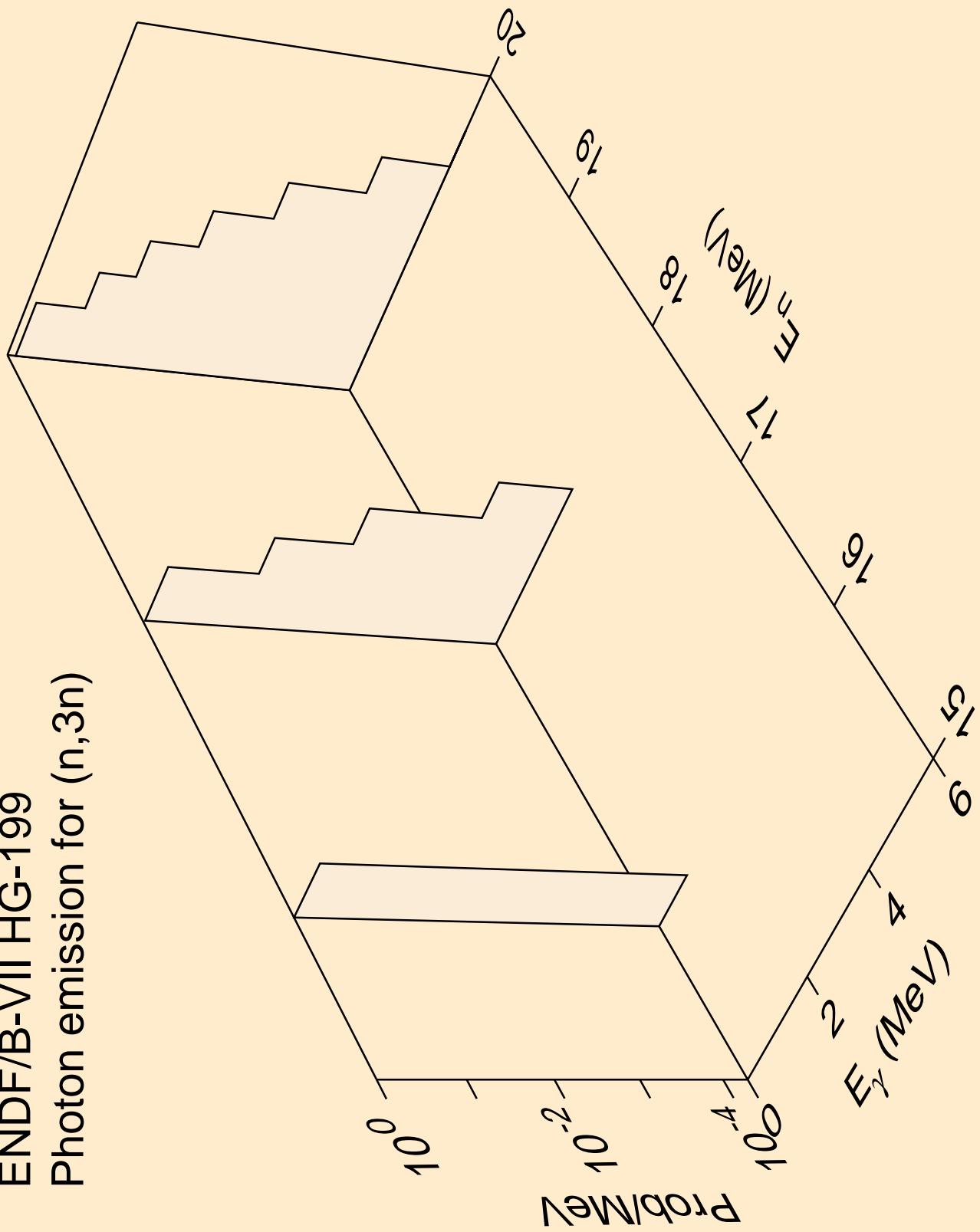
Neutron emission for $(n, n^* c)$



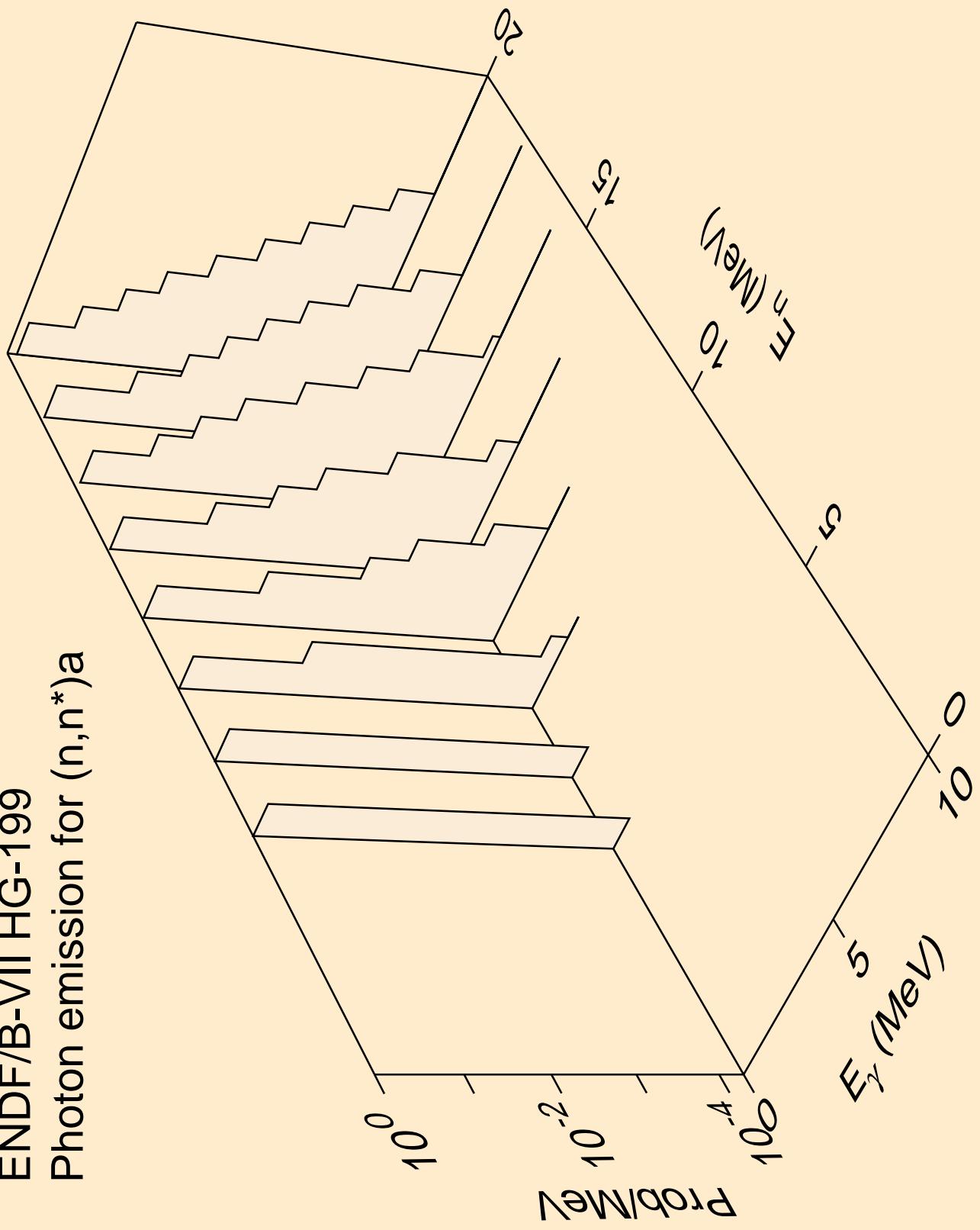
ENDF/B-VII HG-199
Photon emission for $(n,2n)$



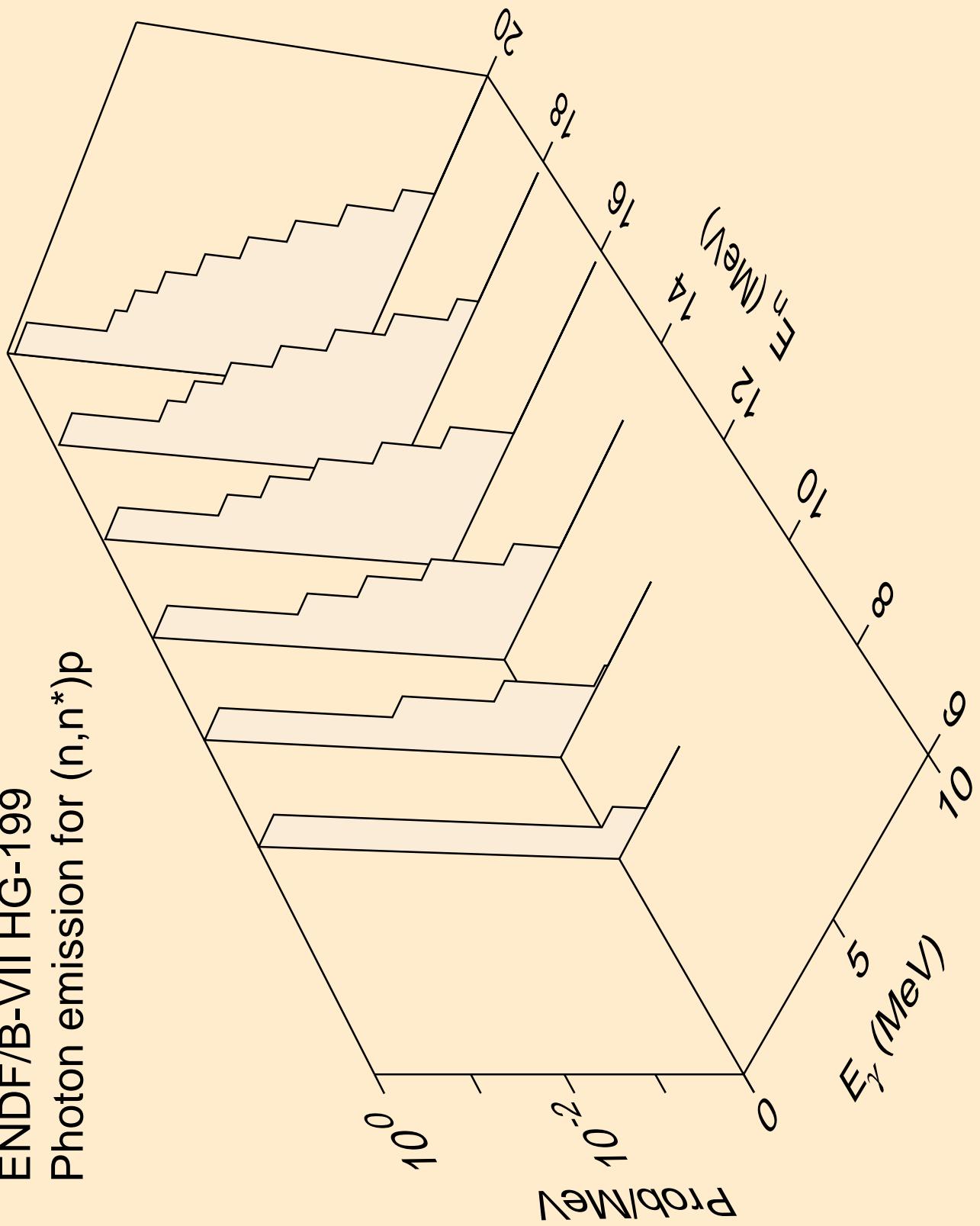
ENDF/B-VII HG-199
Photon emission for (n,3n)



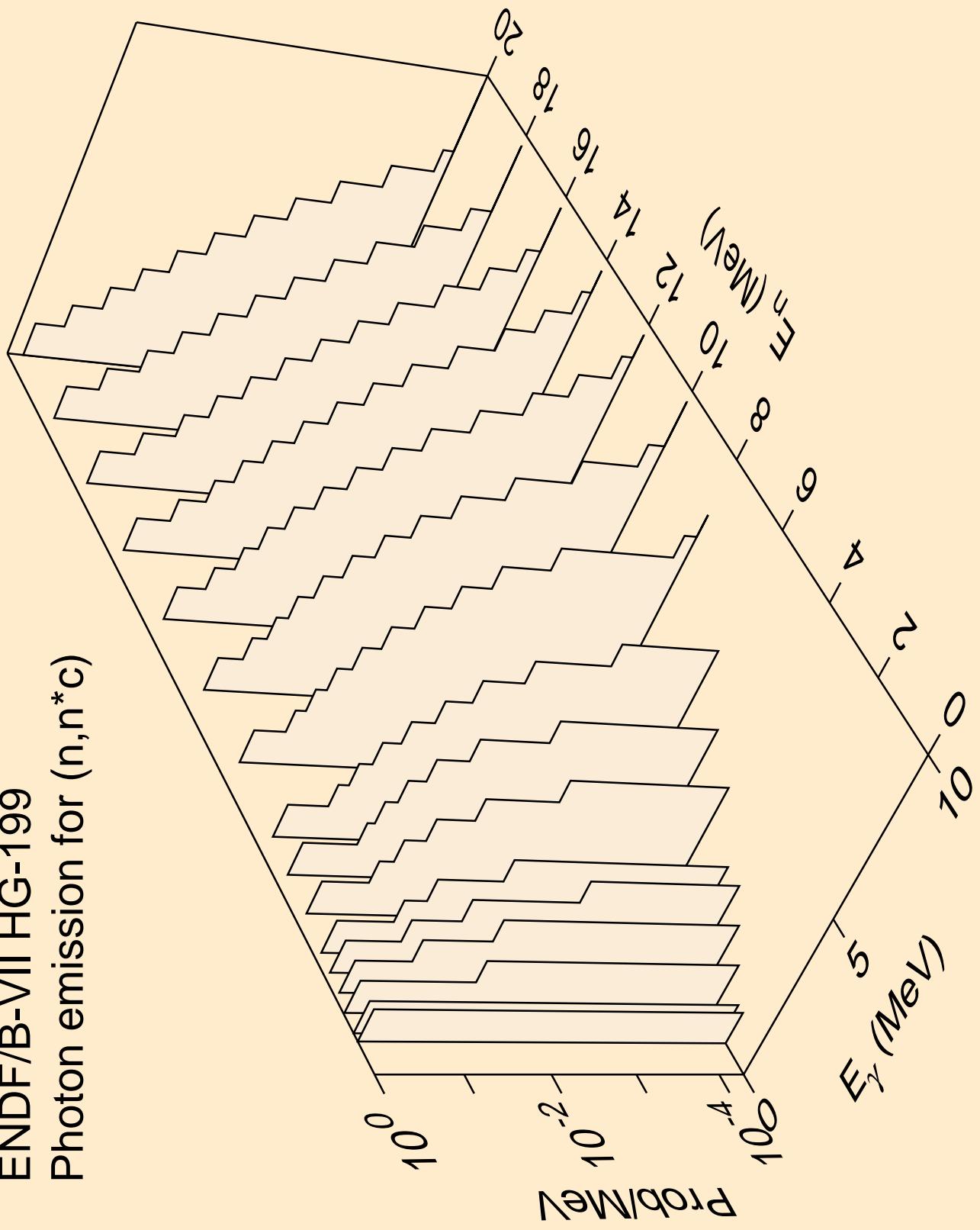
ENDF/B-VII HG-199
Photon emission for $(n, n^*)\alpha$



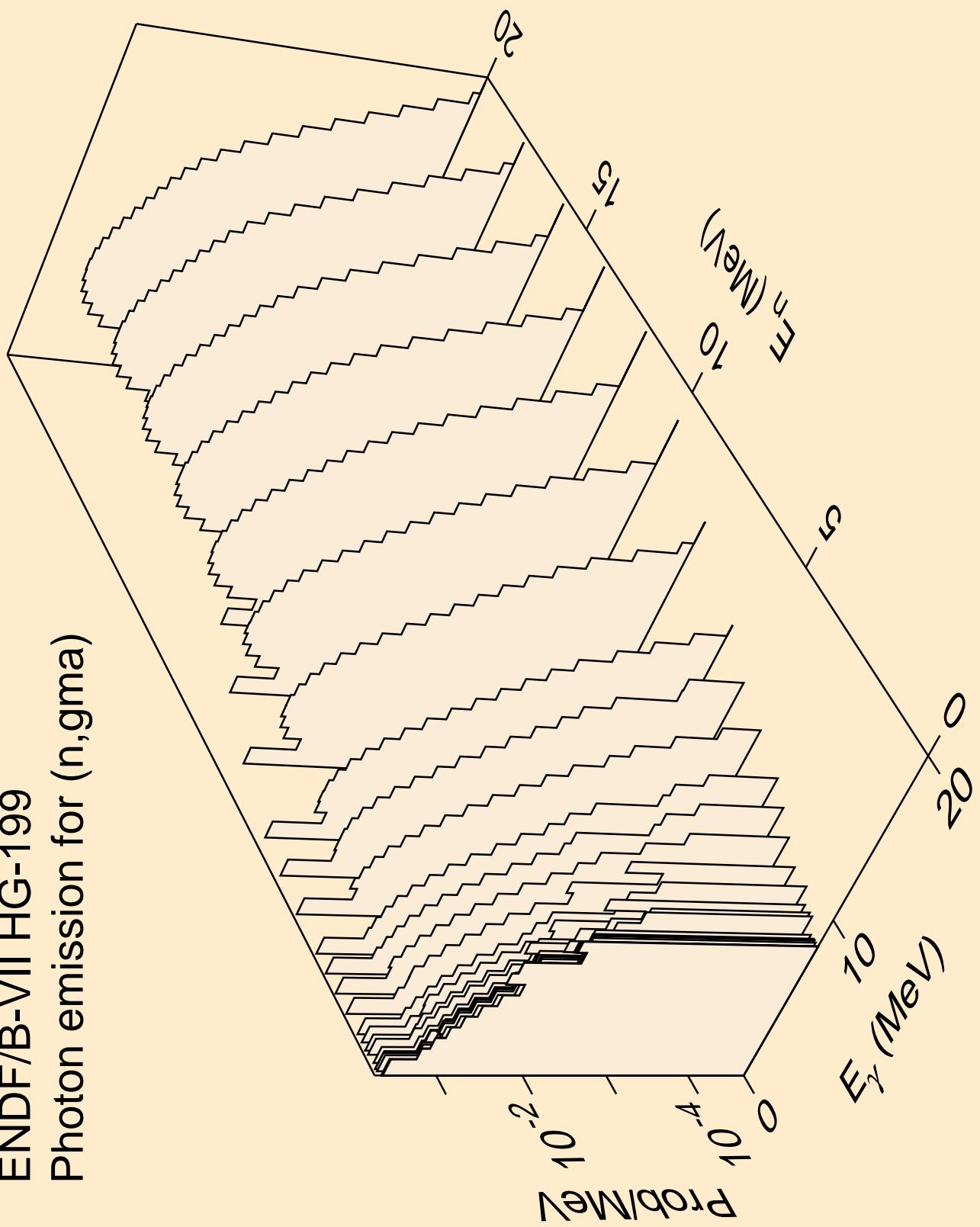
ENDF/B-VII HG-199
Photon emission for $(n, n^*)p$



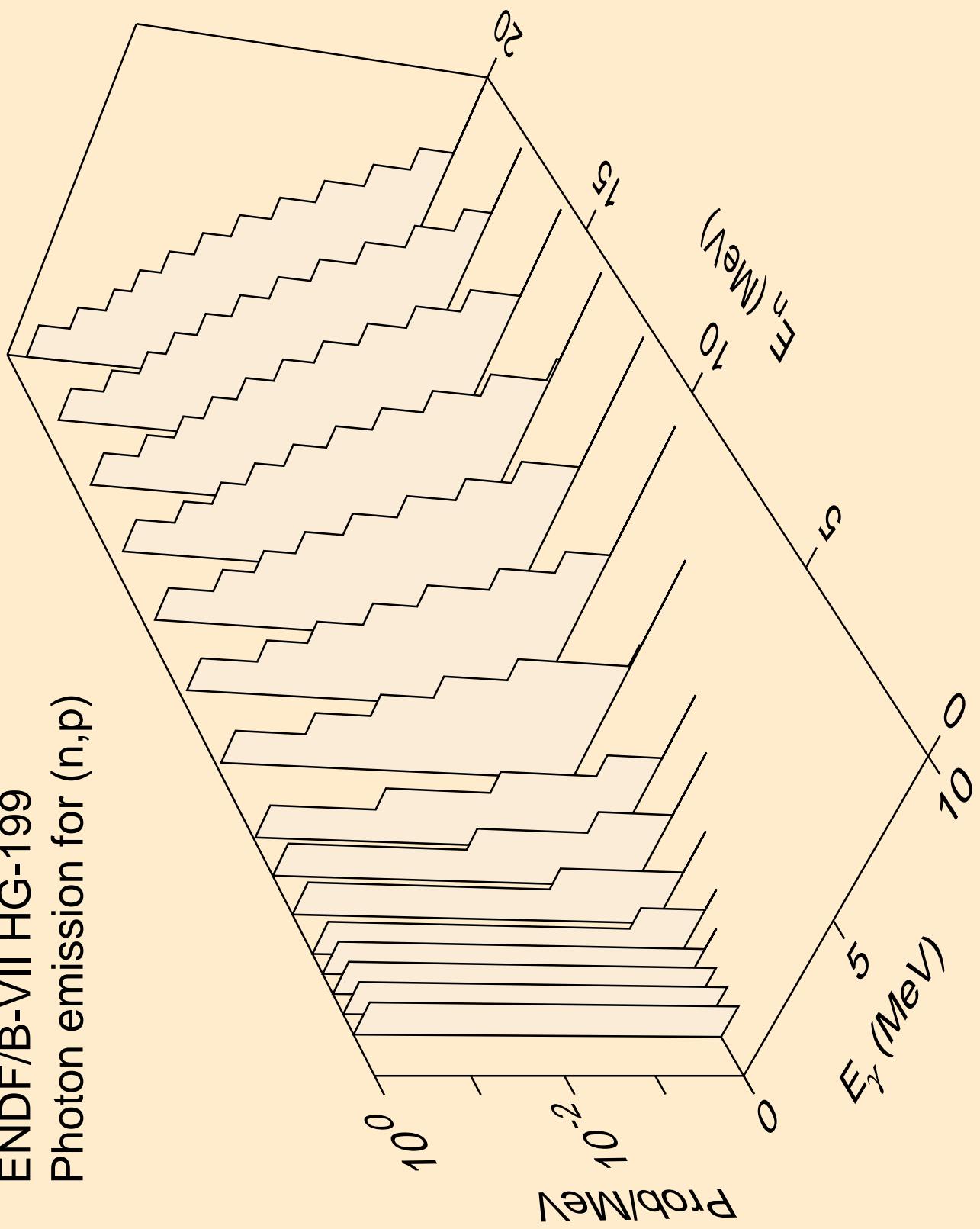
ENDF/B-VII HG-199
Photon emission for (n, n^*c)



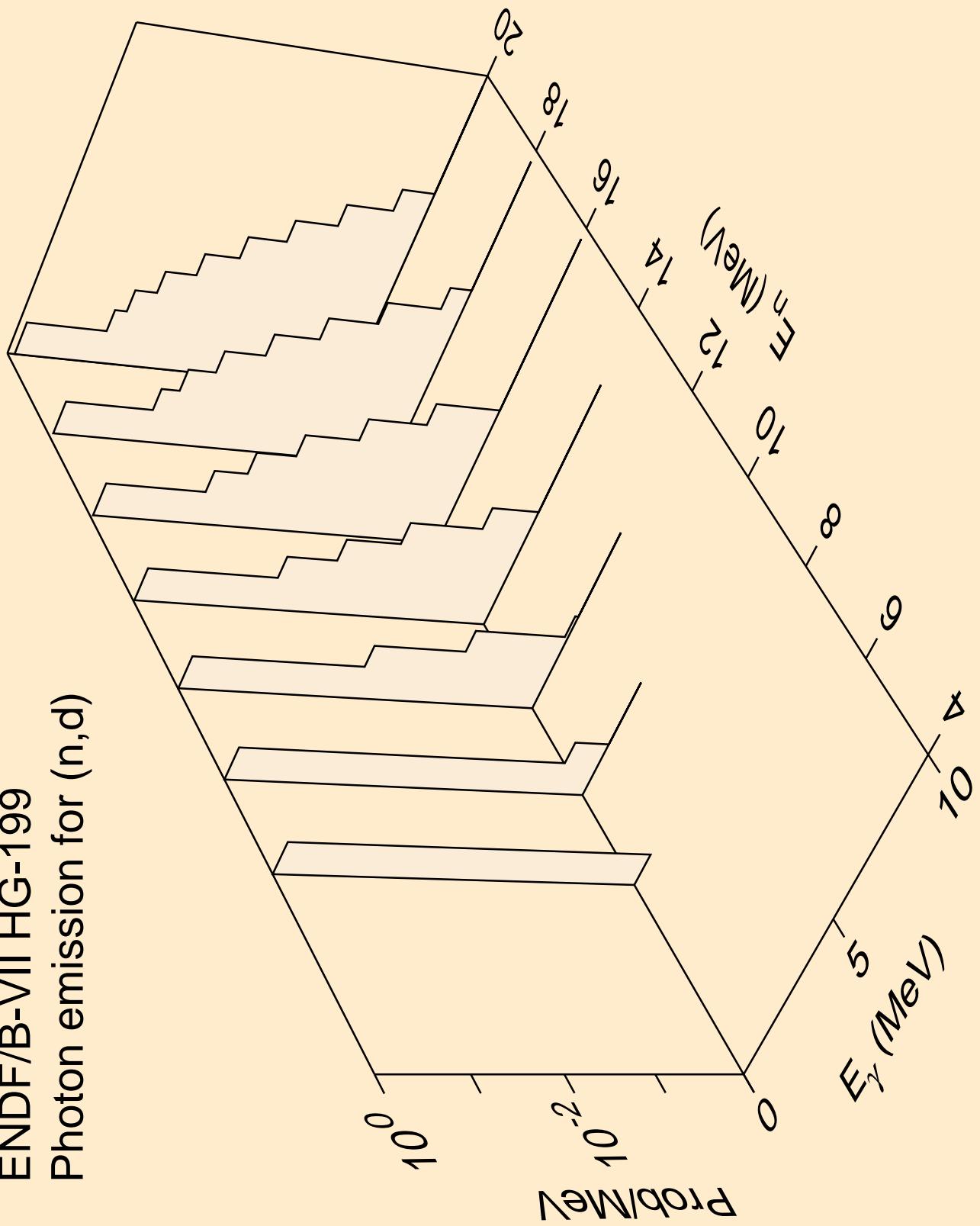
ENDF/B-VII HG-199
Photon emission for (n,gamma)



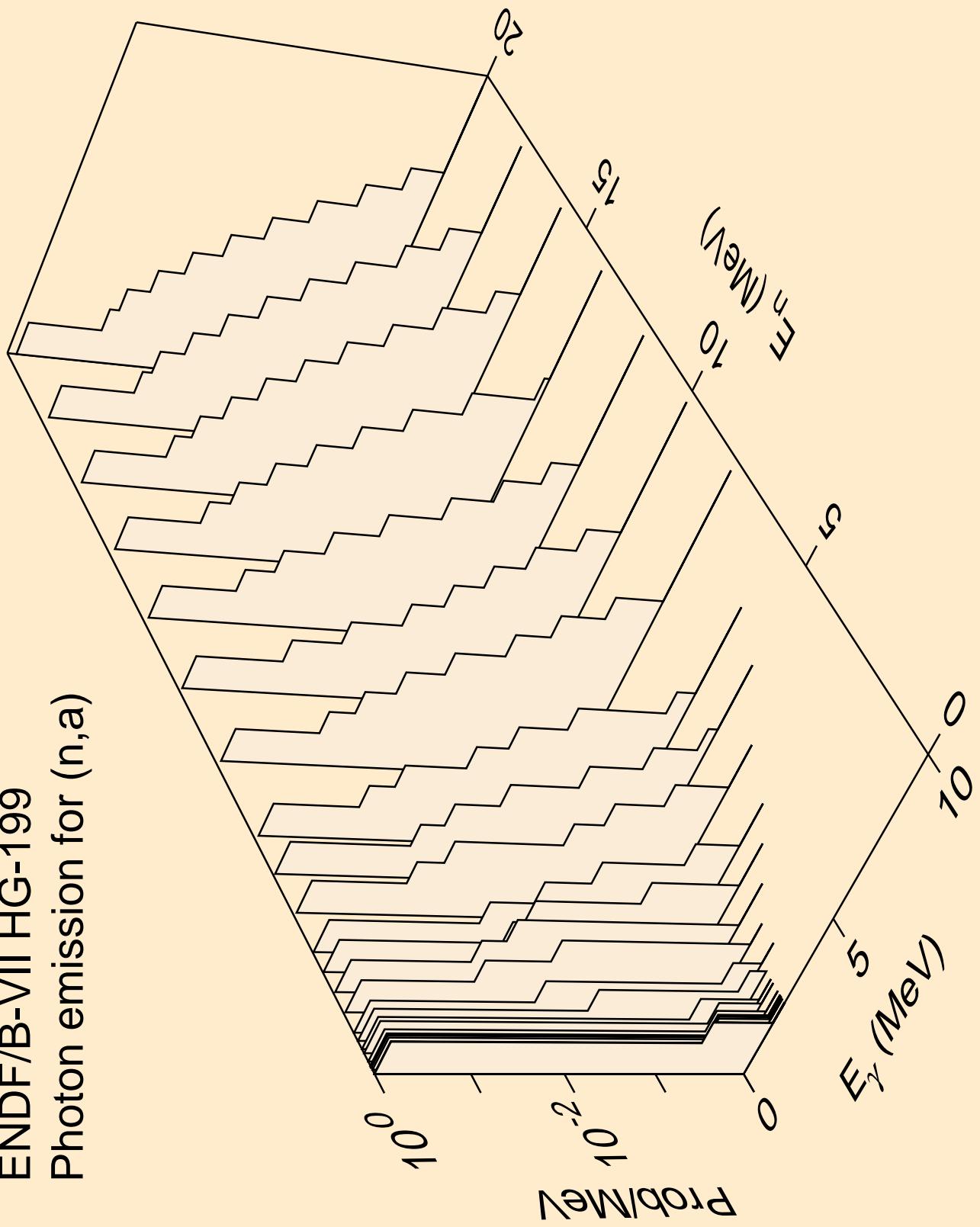
ENDF/B-VII HG-199
Photon emission for (n, p)



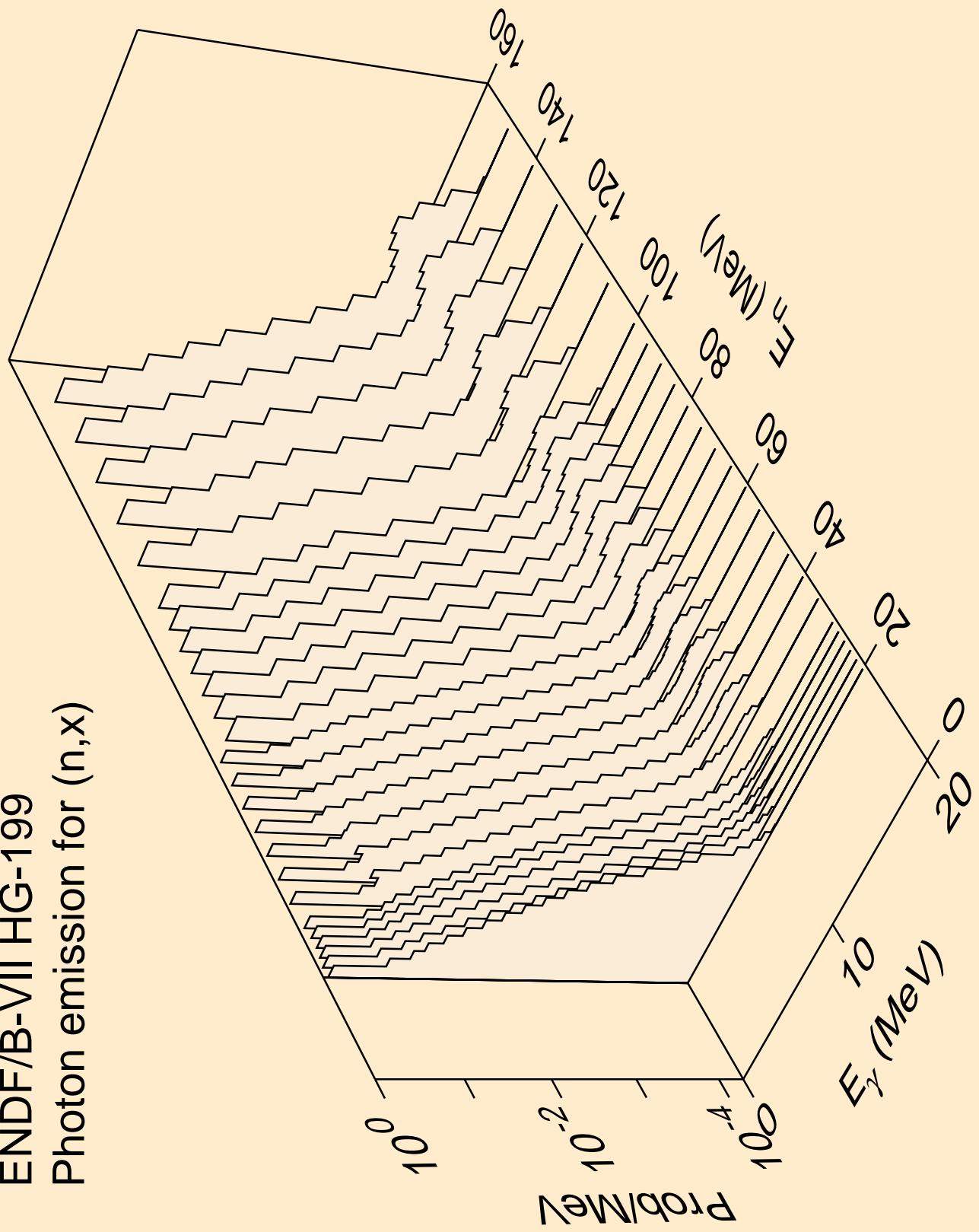
ENDF/B-VII HG-199
Photon emission for (n,d)



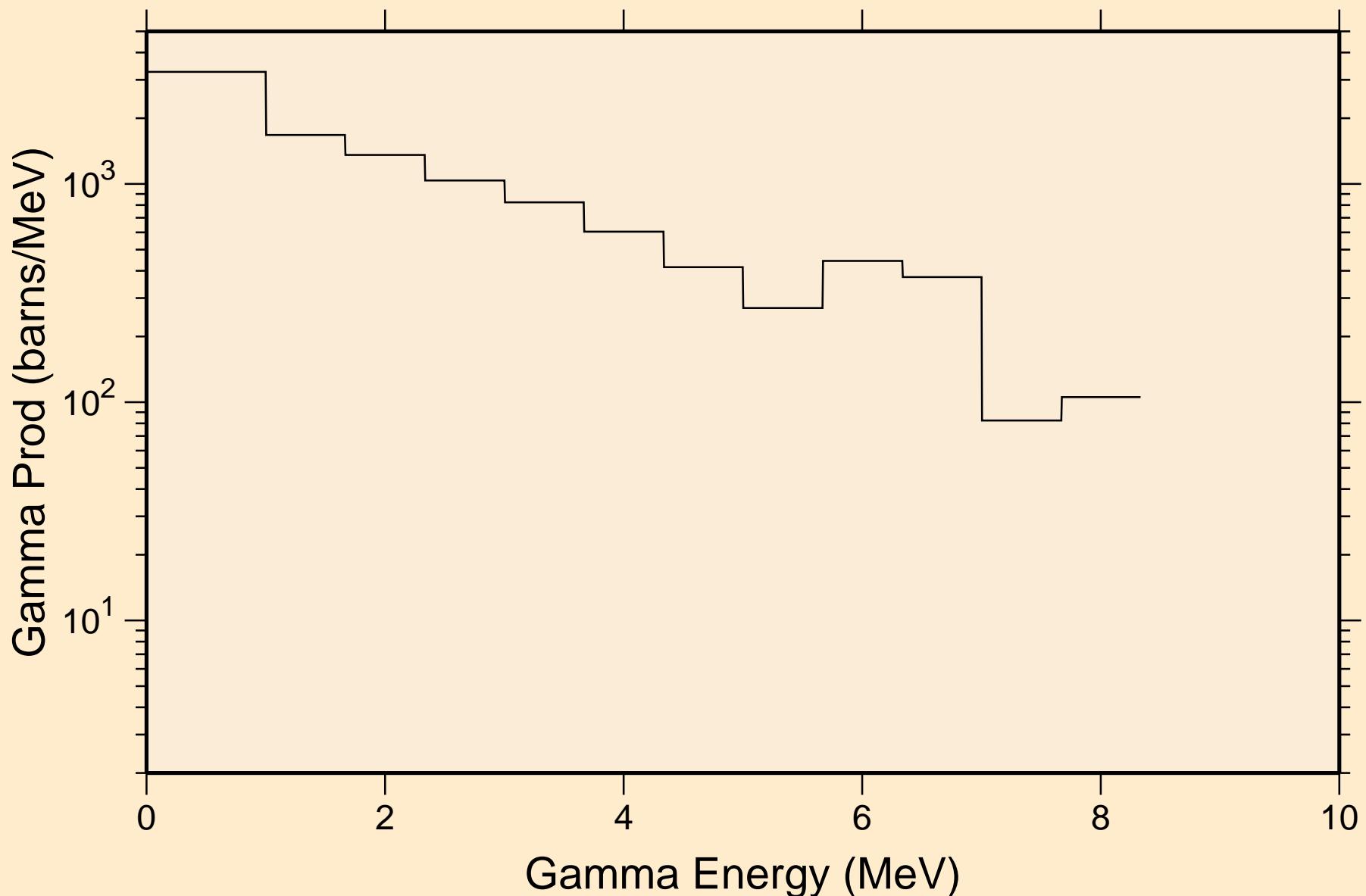
ENDF/B-VII HG-199
Photon emission for (n, α)



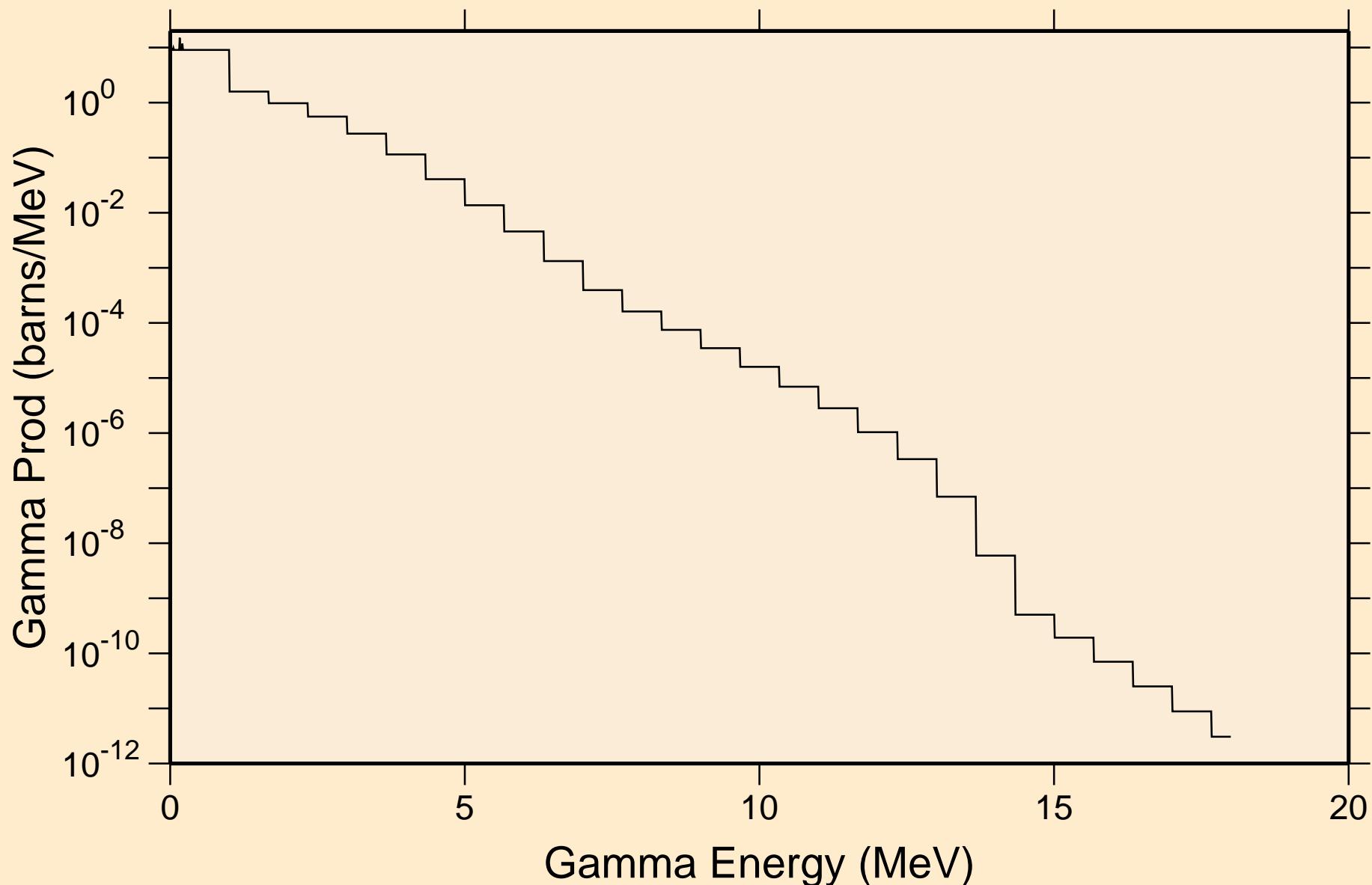
ENDF/B-VII HG-199
Photon emission for (n, x)



ENDF/B-VII HG-199
thermal capture photon spectrum

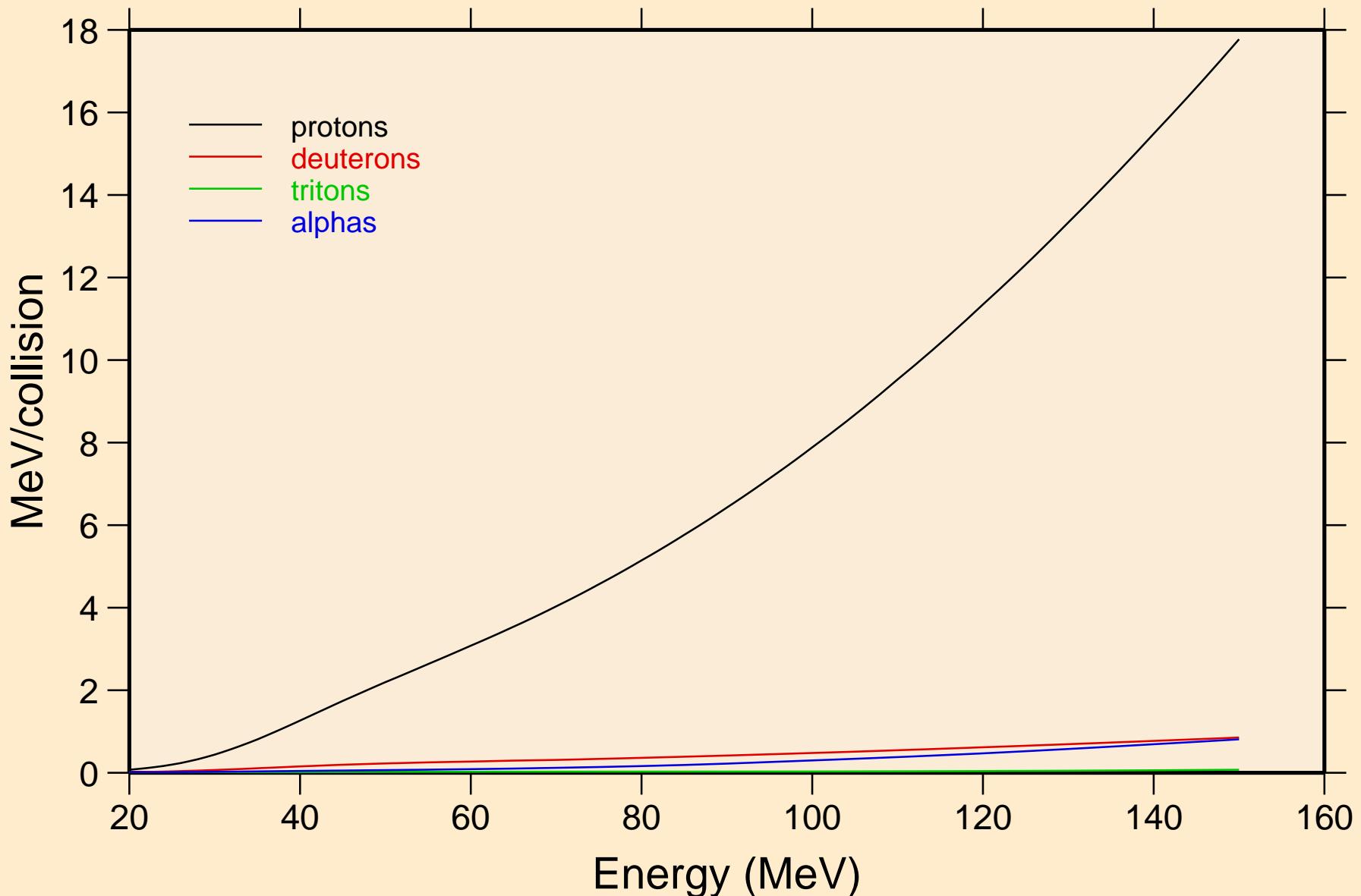


ENDF/B-VII HG-199
14 MeV photon spectrum

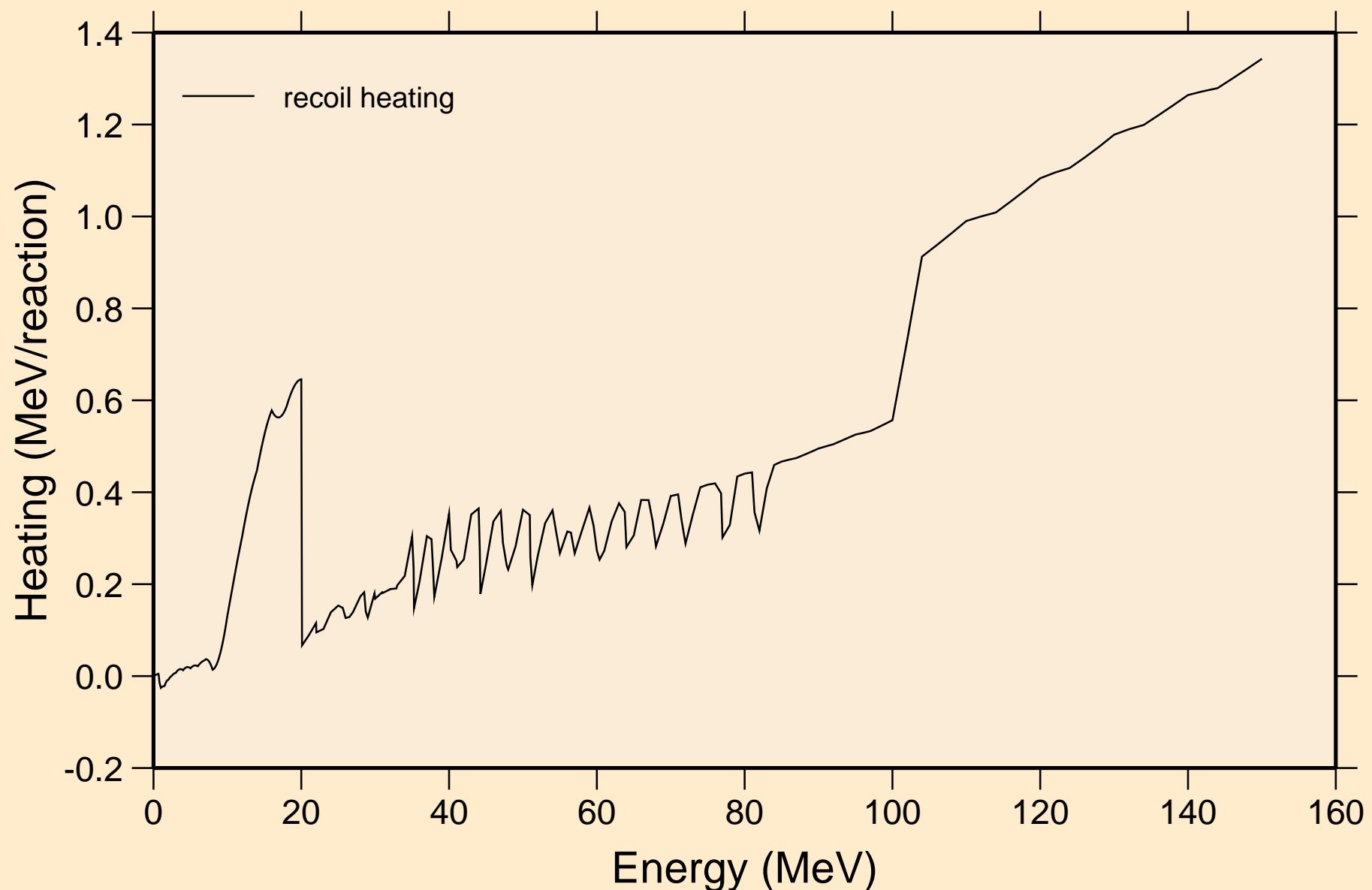


ENDF/B-VII HG-199

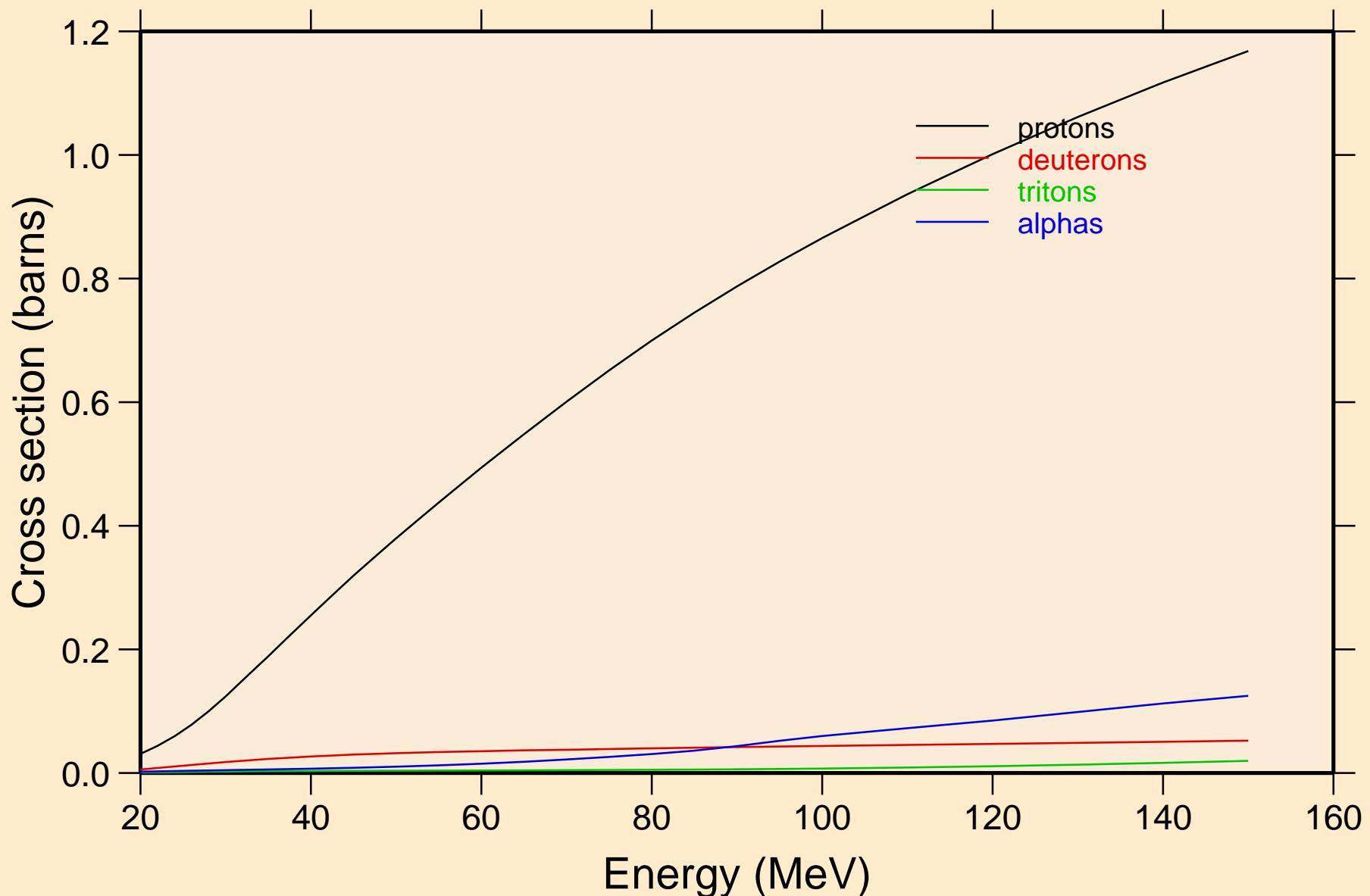
Particle heating contributions



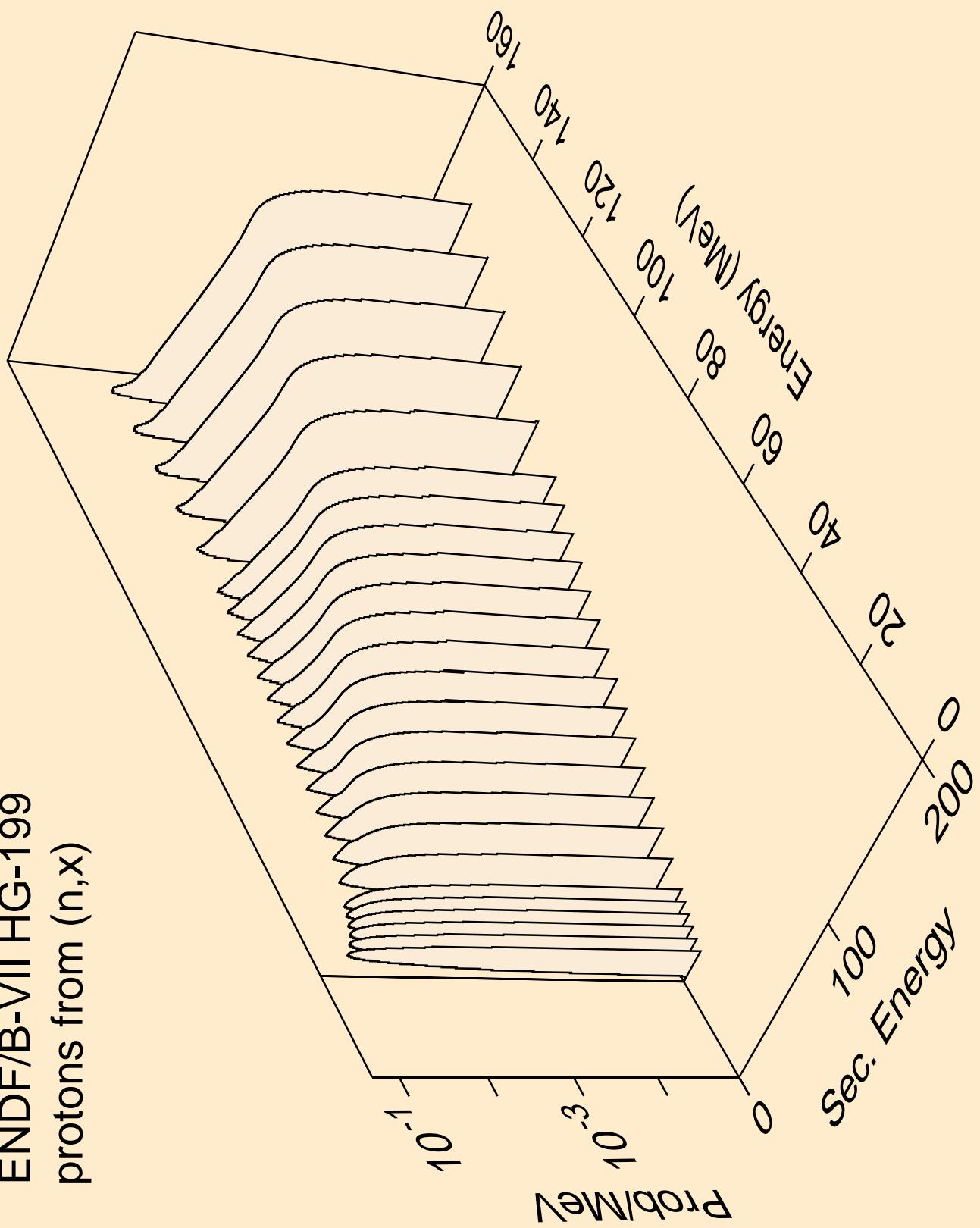
ENDF/B-VII HG-199
Recoil Heating



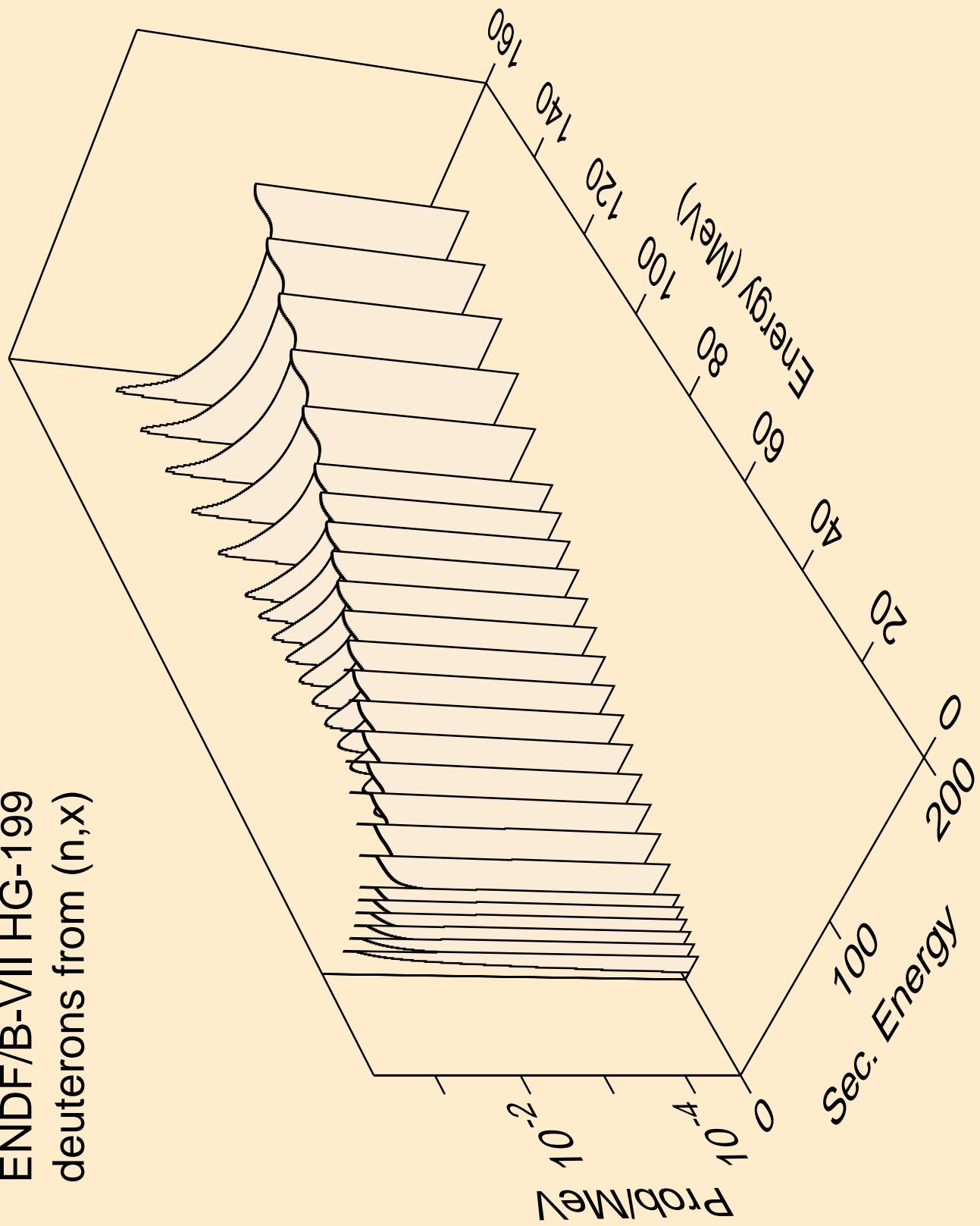
ENDF/B-VII HG-199
Particle production cross sections



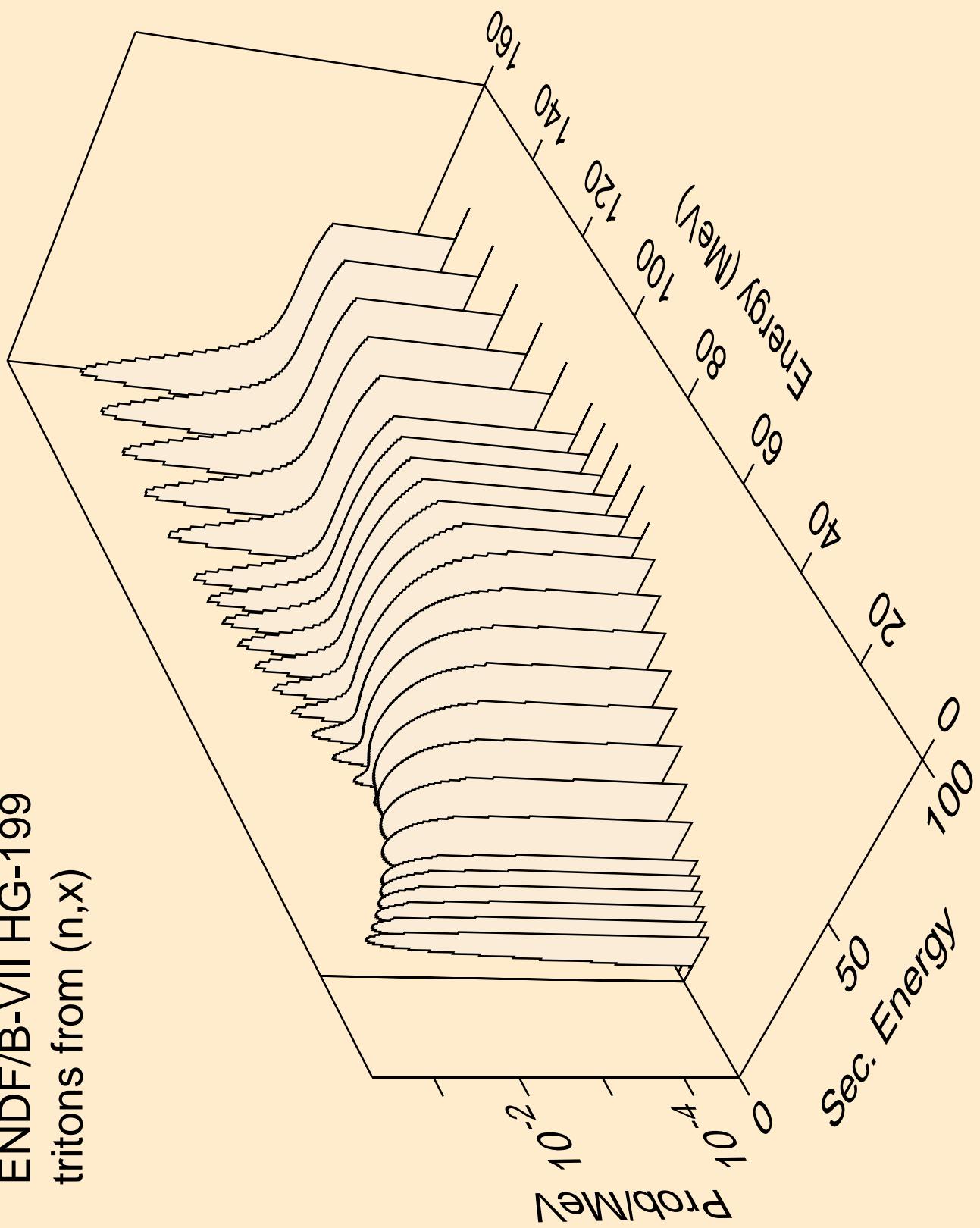
ENDF/B-VII HG-199
protons from (n, x)



ENDF/B-VII HG-199
deuterons from (n,x)



ENDF/B-VII HG-199
tritons from (n, χ)



ENDF/B-VII HG-199
alphas from (n, χ)

