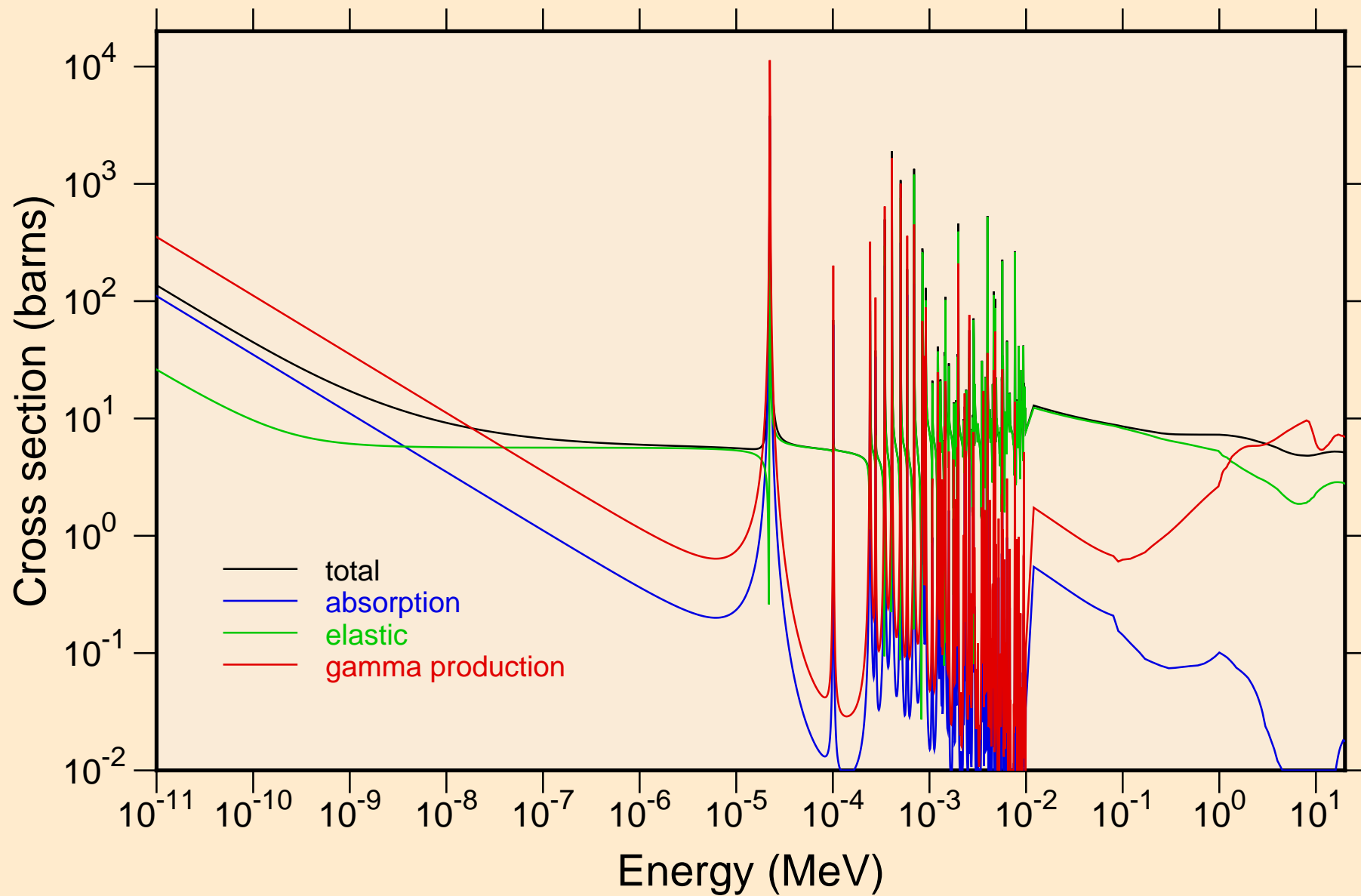
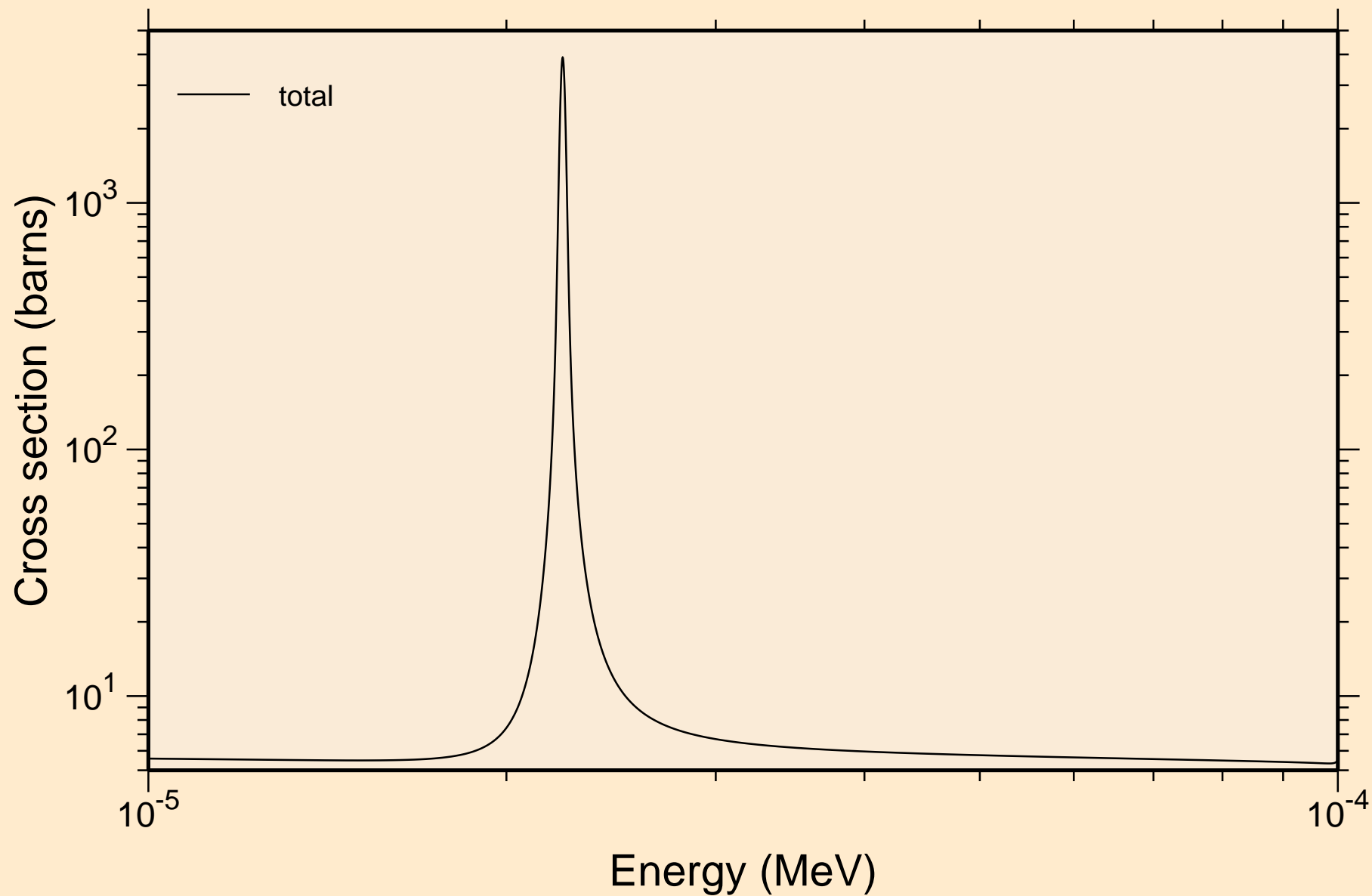


# ENDF/B-VII.1 GD-158

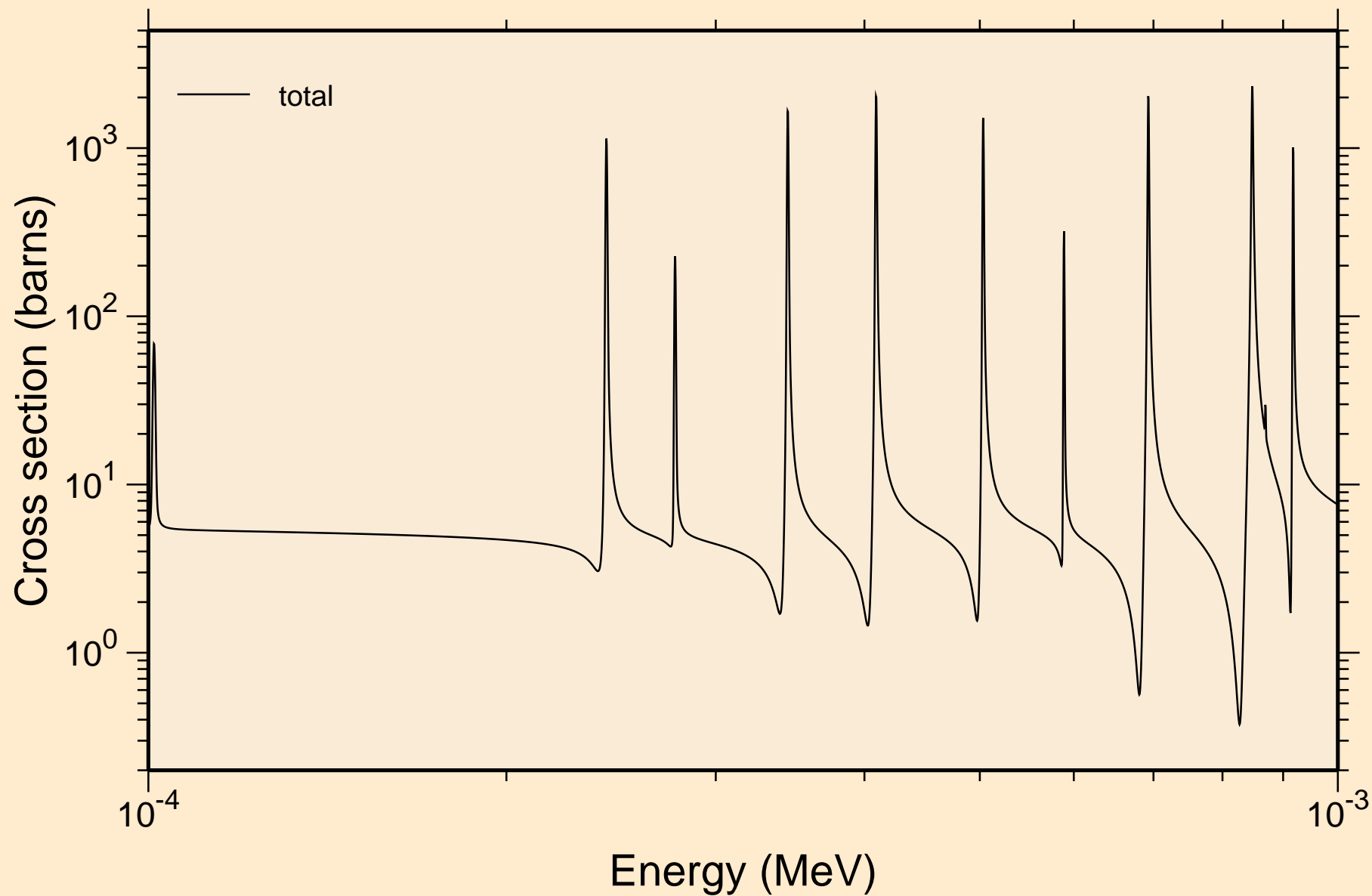
## Principal cross sections



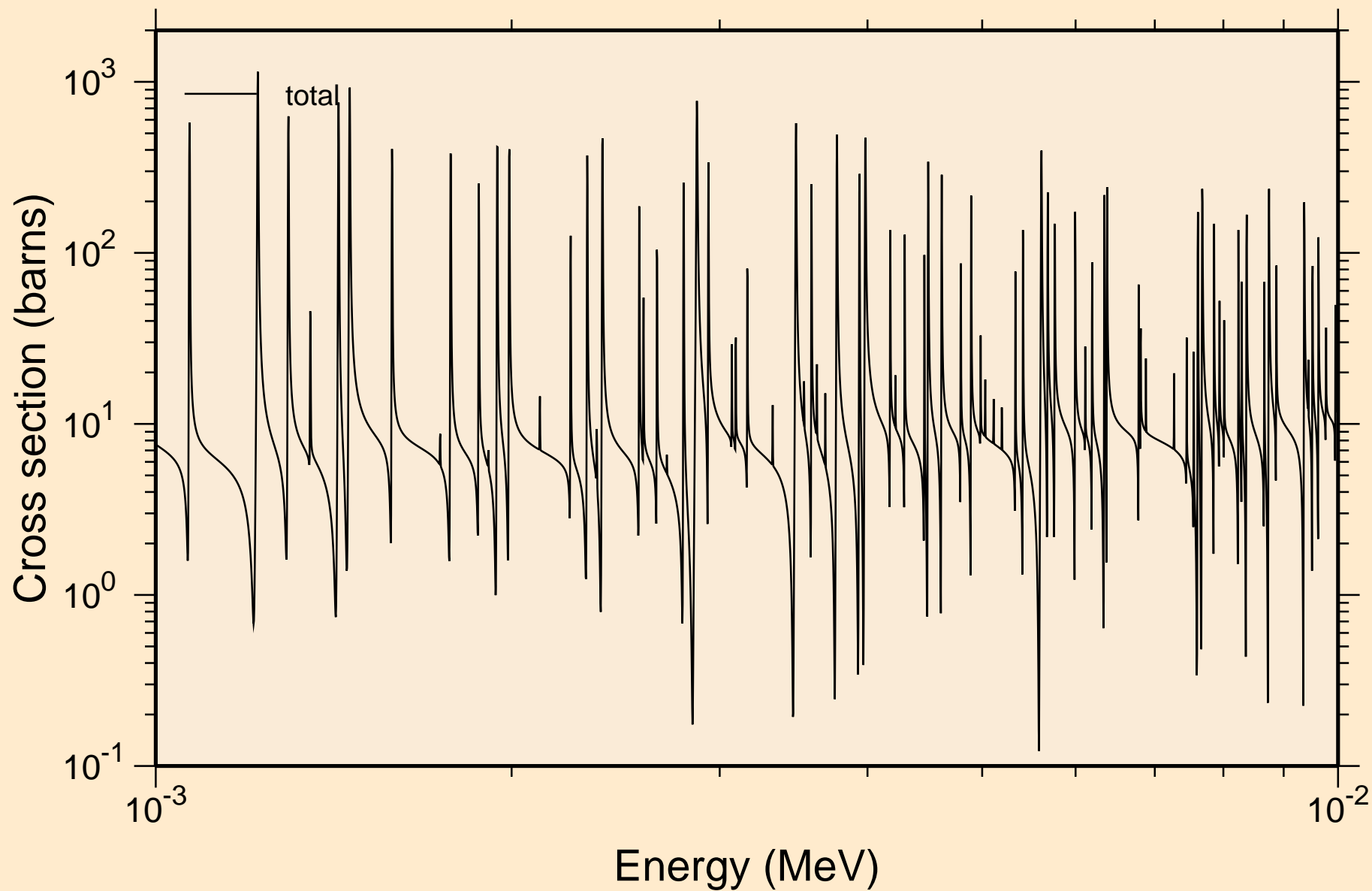
ENDF/B-VII.1 GD-158  
resonance total cross section



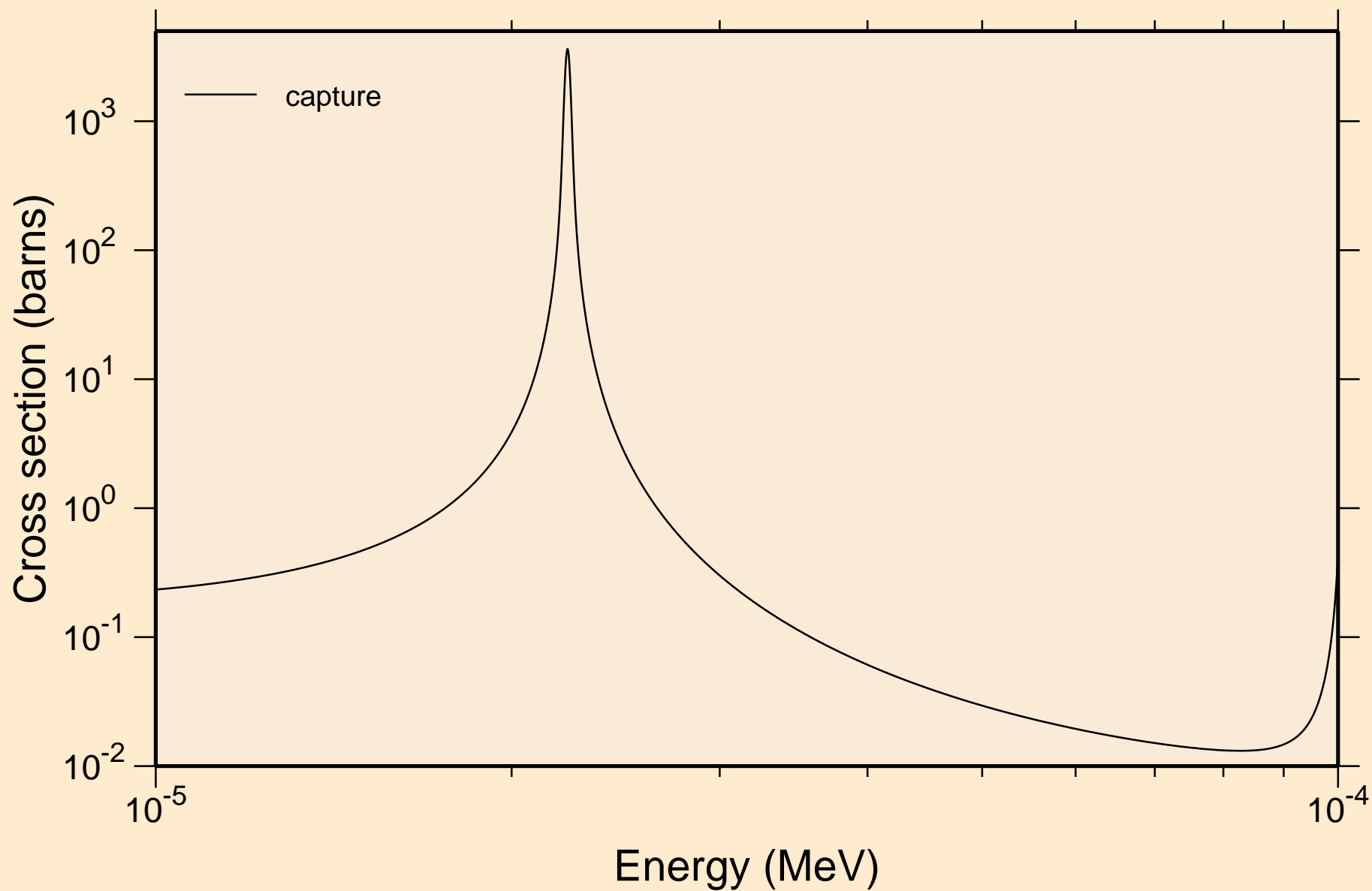
ENDF/B-VII.1 GD-158  
resonance total cross section



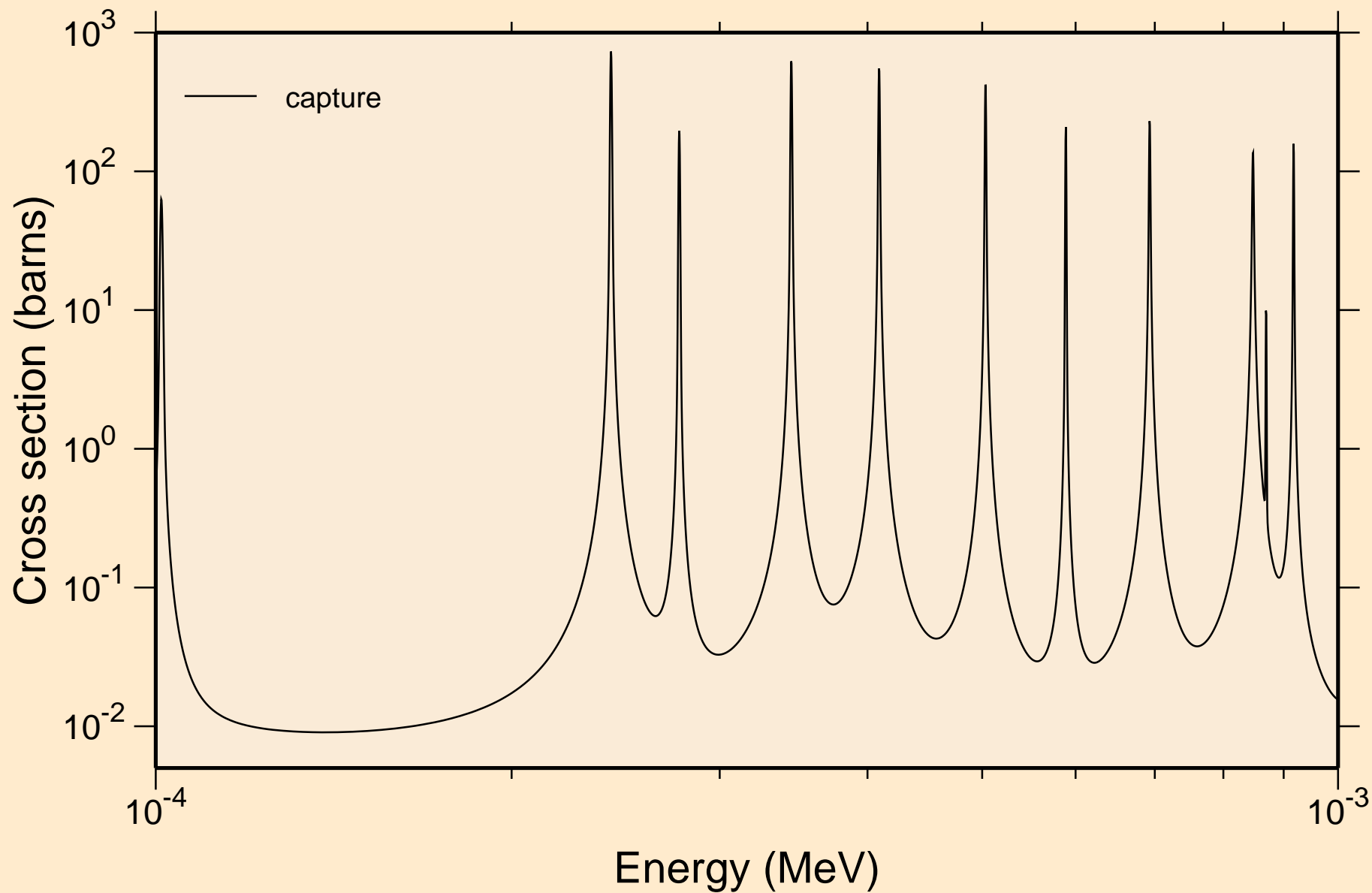
ENDF/B-VII.1 GD-158  
resonance total cross section



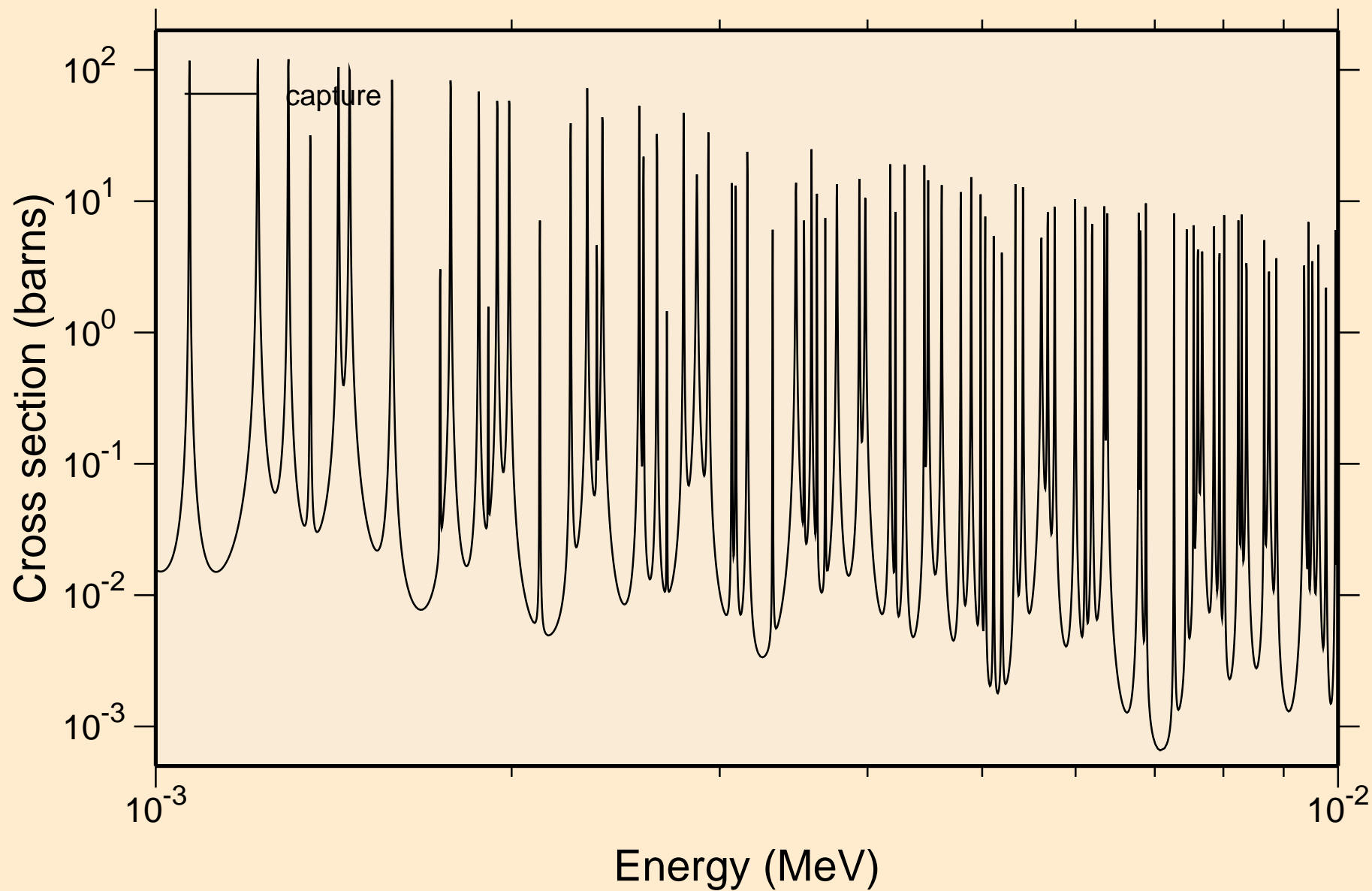
ENDF/B-VII.1 GD-158  
resonance absorption cross sections



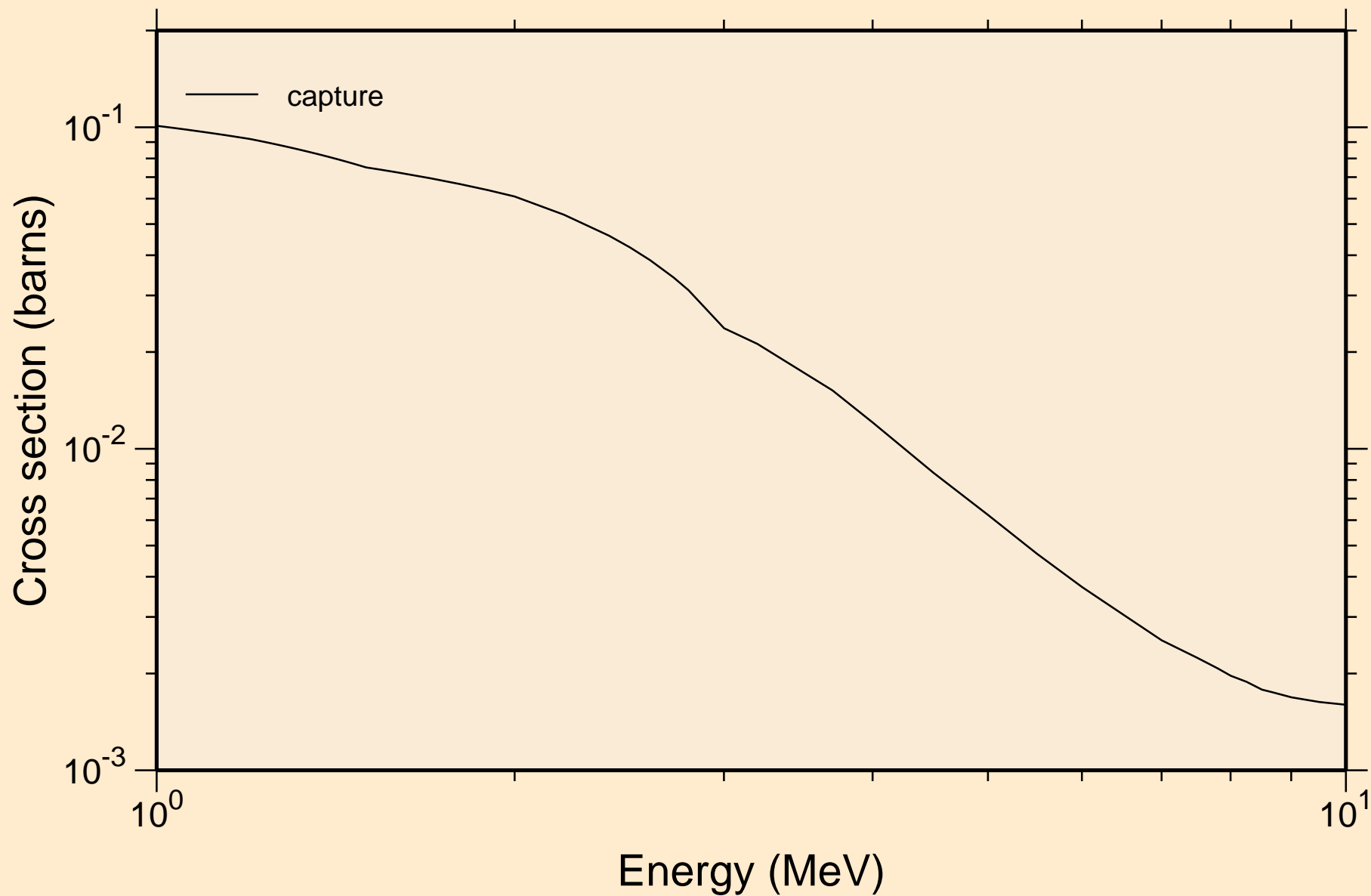
# ENDF/B-VII.1 GD-158 resonance absorption cross sections



ENDF/B-VII.1 GD-158  
resonance absorption cross sections

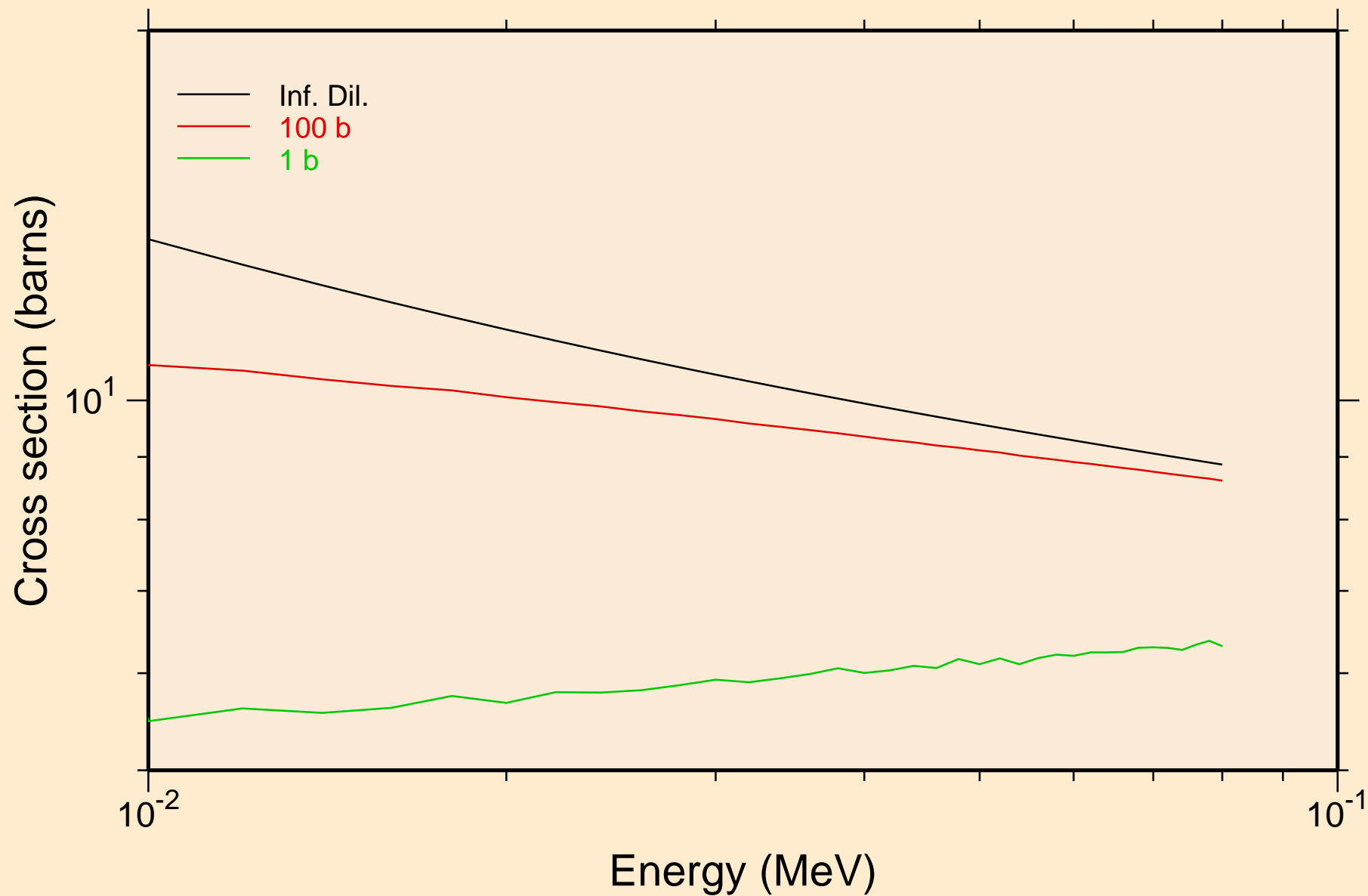


ENDF/B-VII.1 GD-158  
resonance absorption cross sections

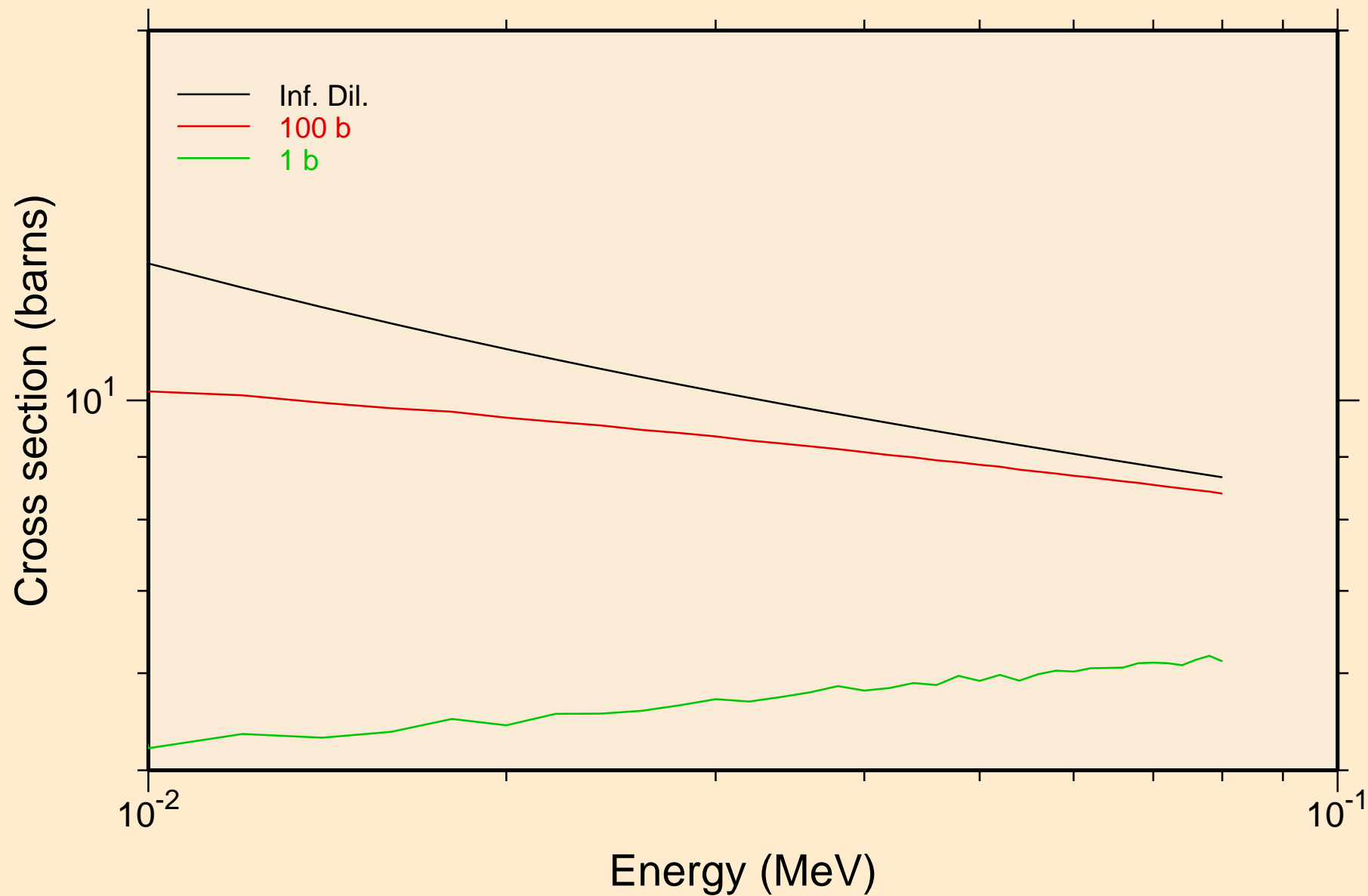




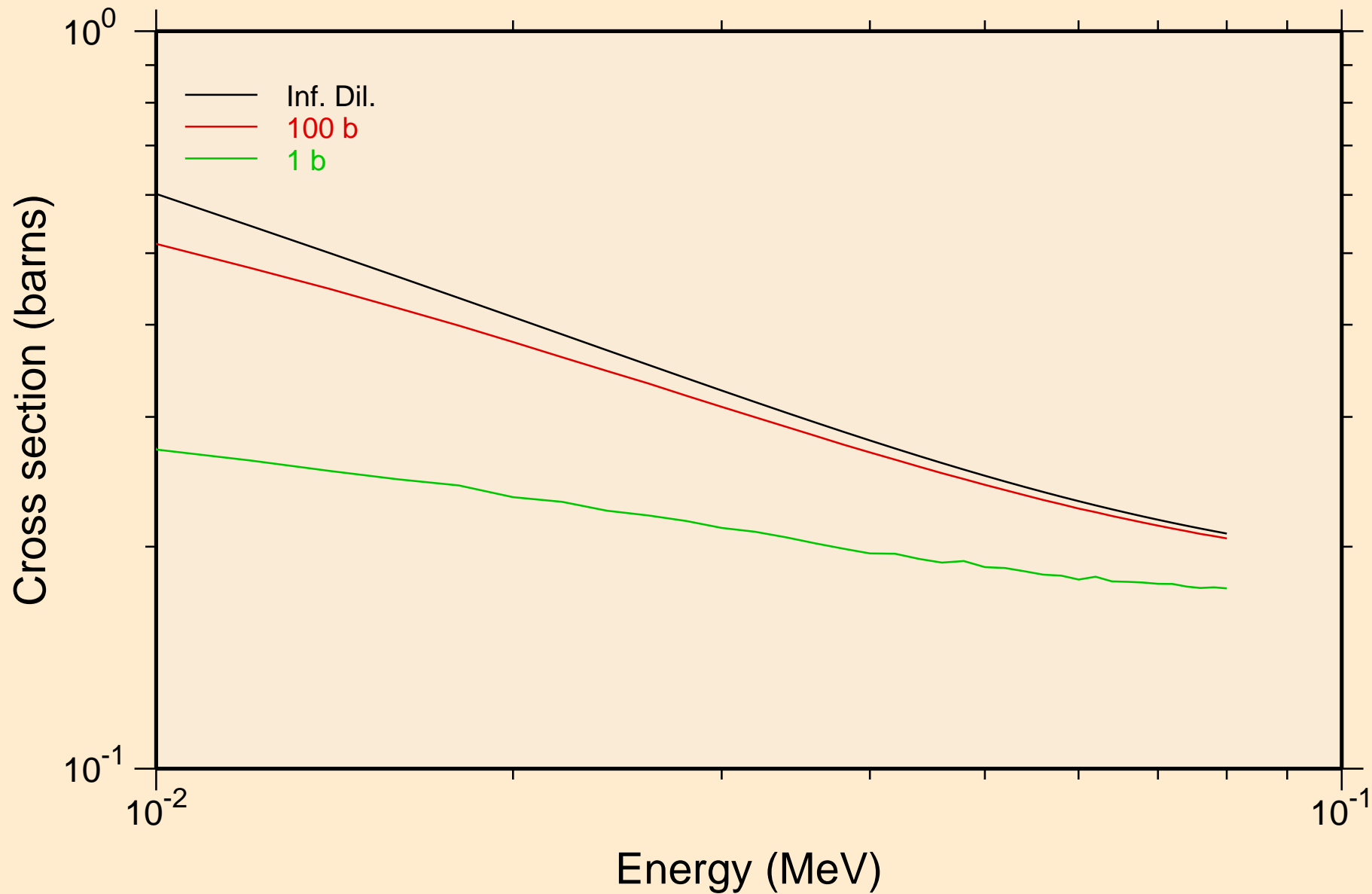
ENDF/B-VII.1 GD-158  
UR total cross section



ENDF/B-VII.1 GD-158  
UR elastic cross section

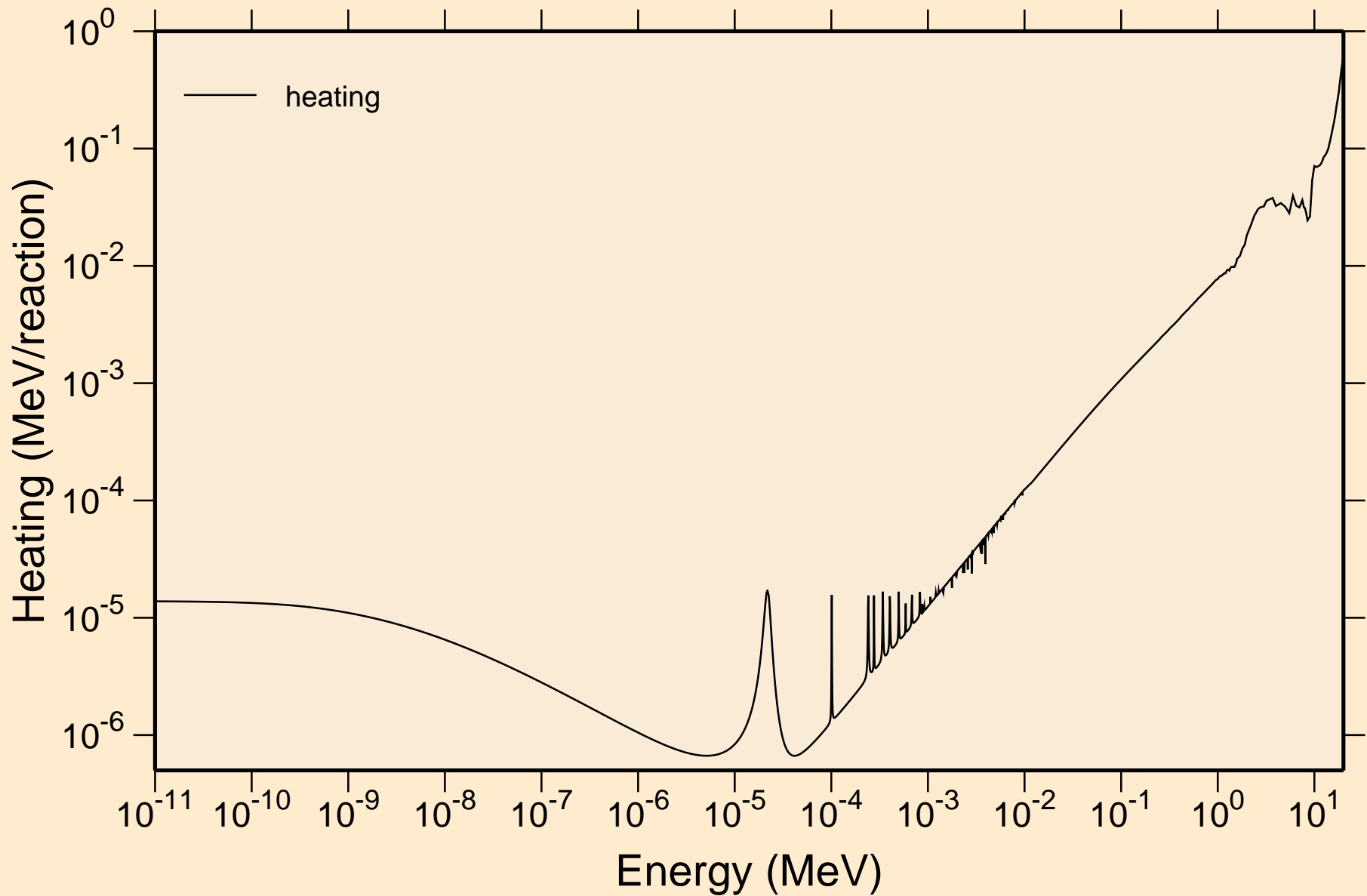


ENDF/B-VII.1 GD-158  
UR capture cross section



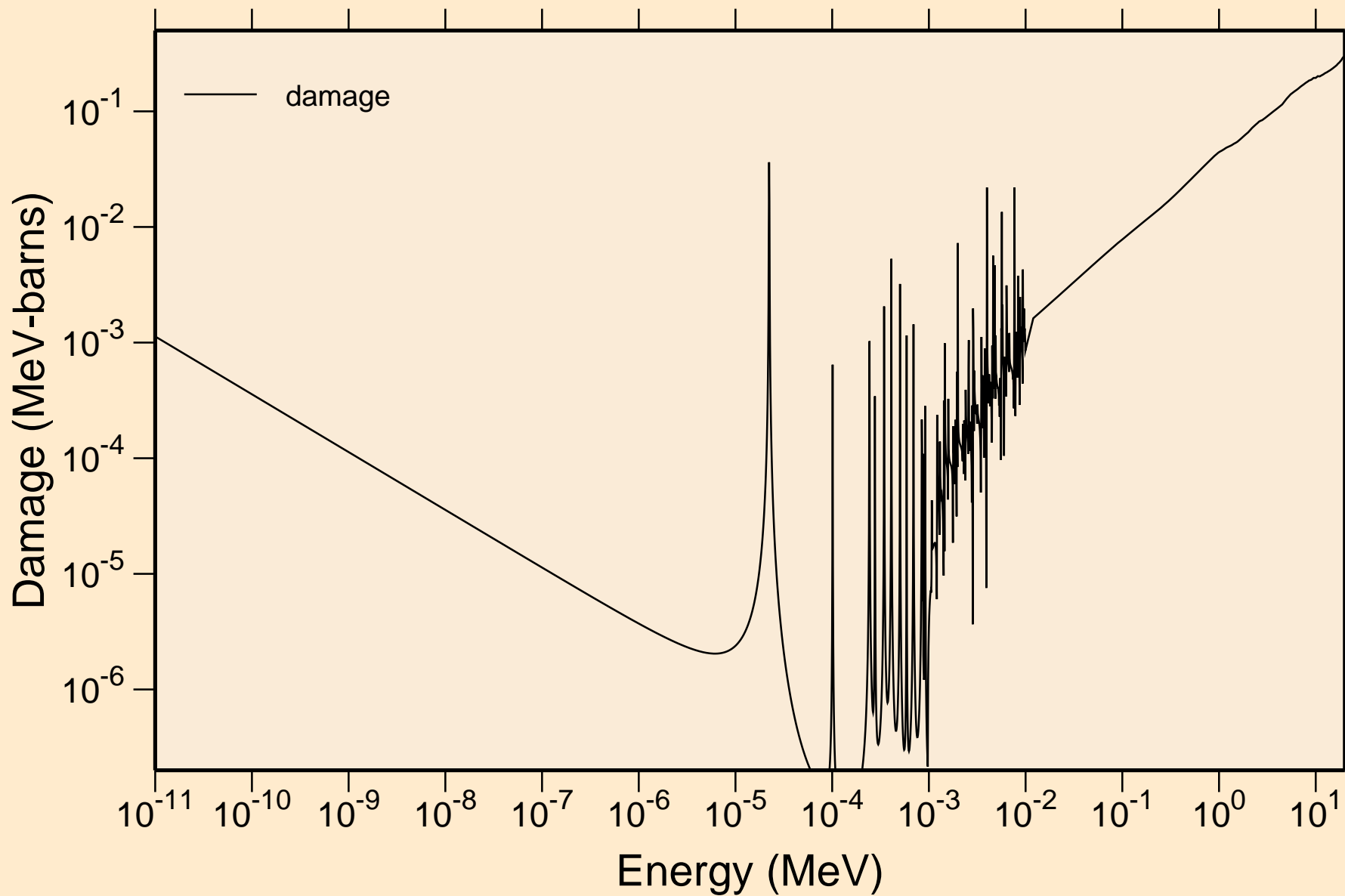
# ENDF/B-VII.1 GD-158

## Heating

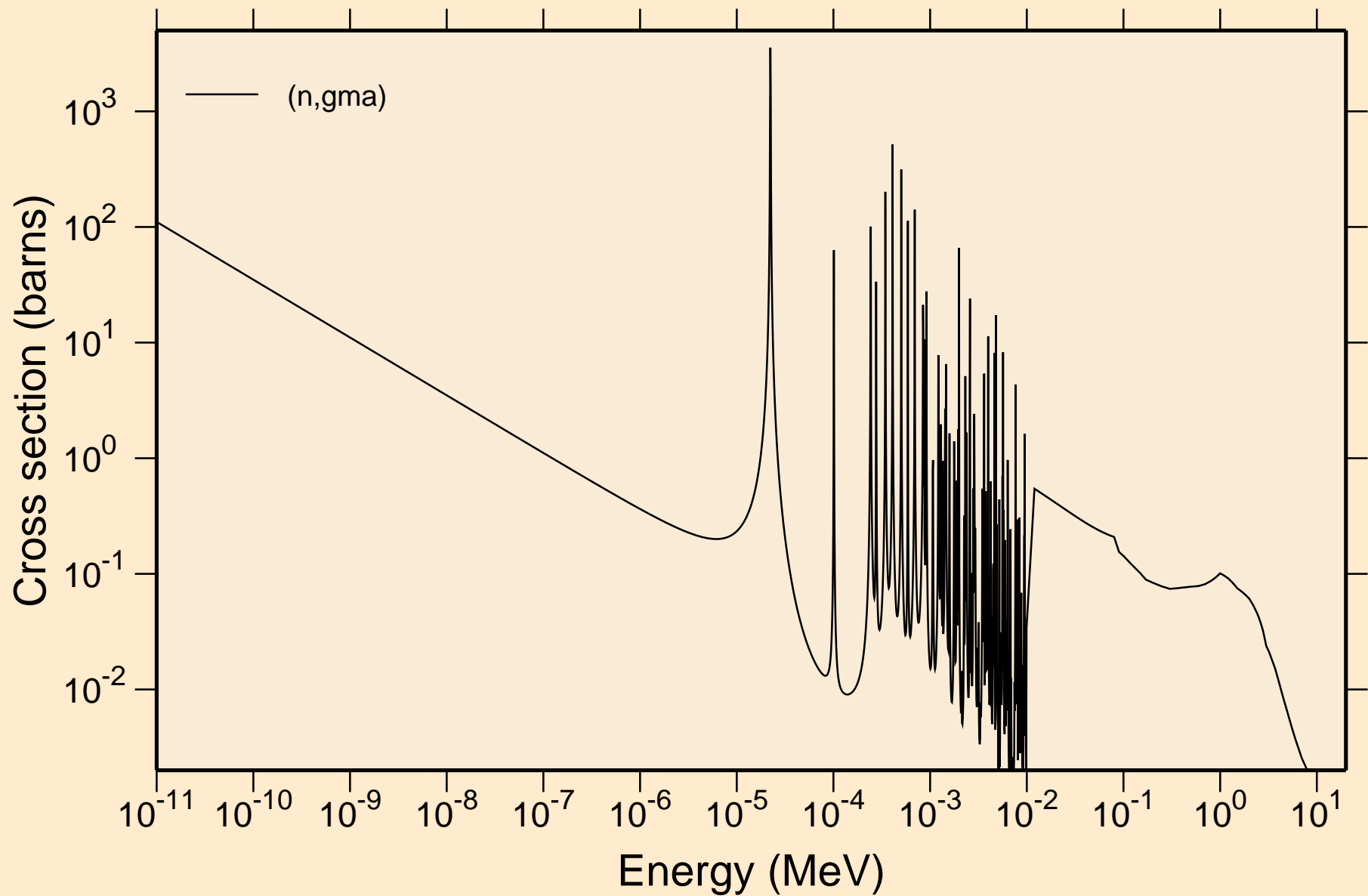


# ENDF/B-VII.1 GD-158

## Damage

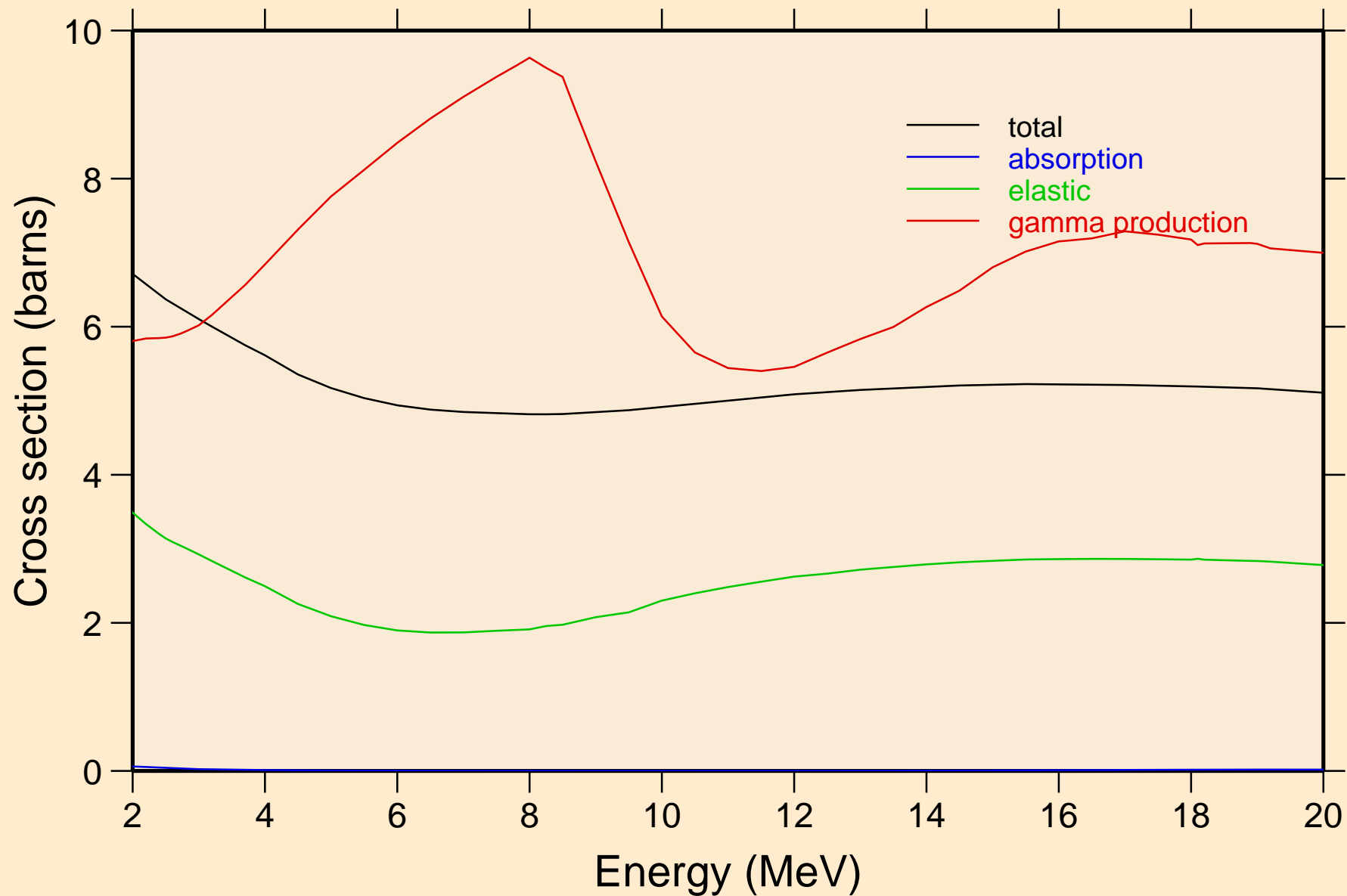


ENDF/B-VII.1 GD-158  
Non-threshold reactions



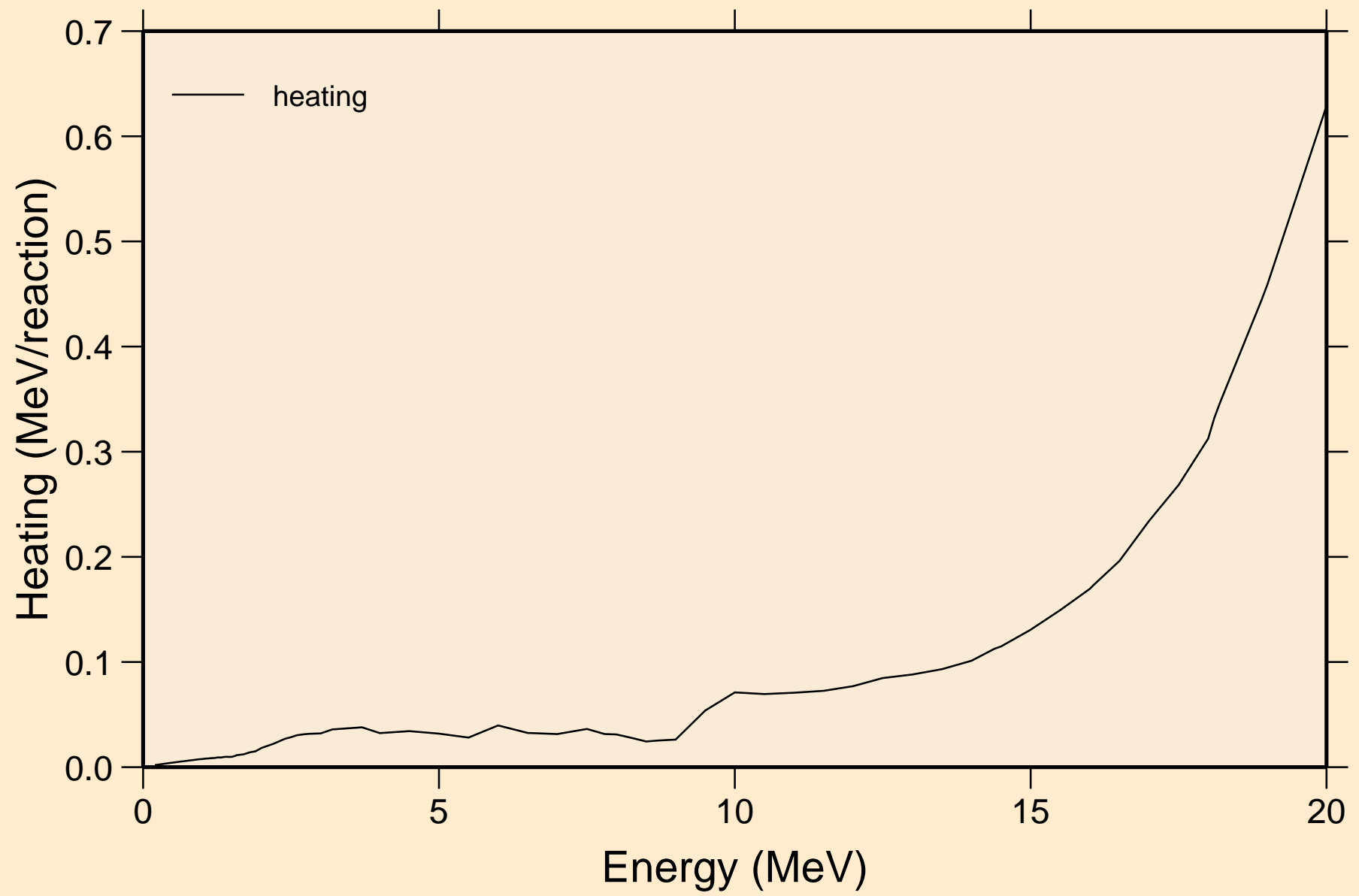
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## Principal cross sections



# ENDF/B-VII.1 GD-158

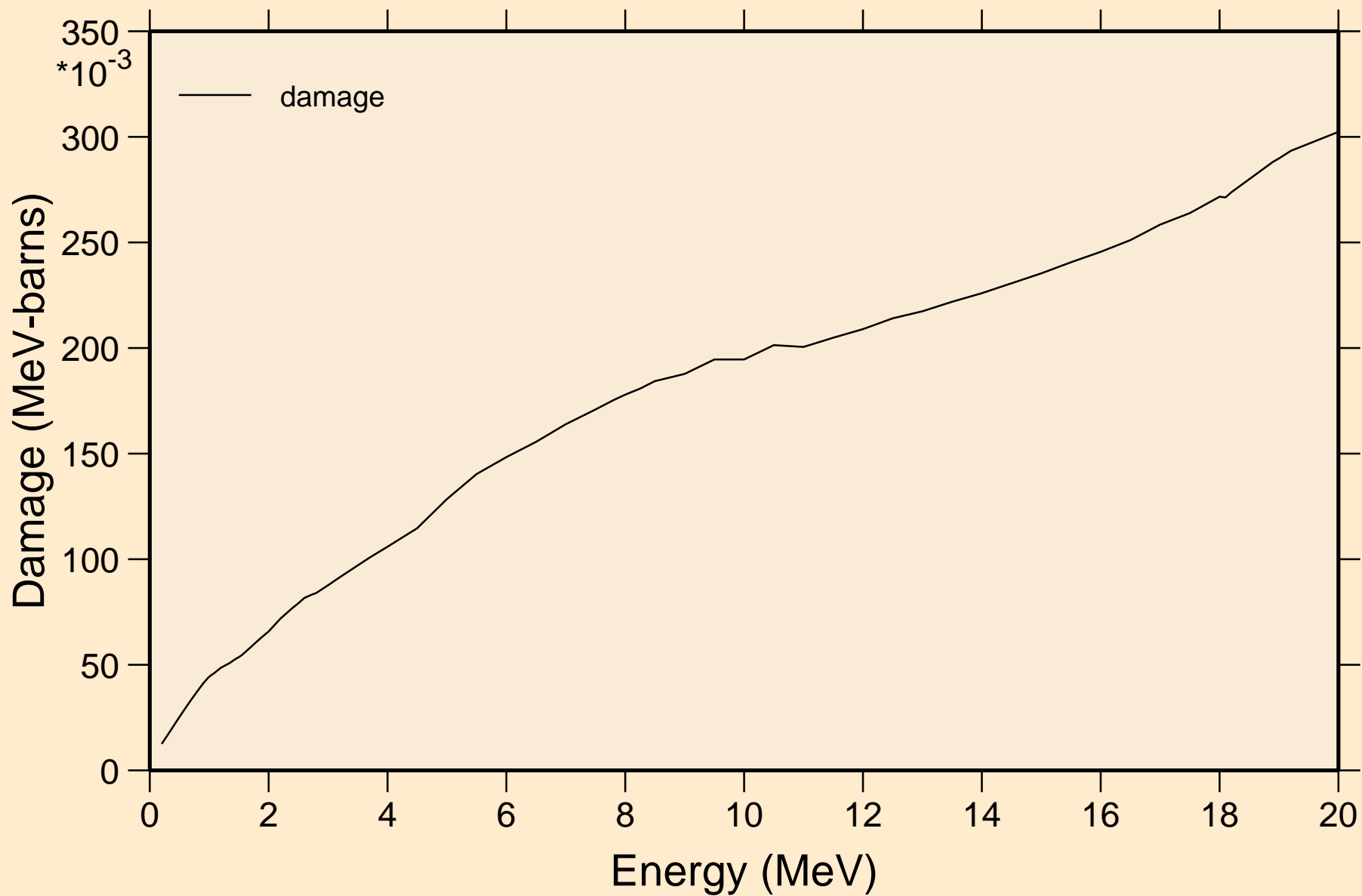
## Heating



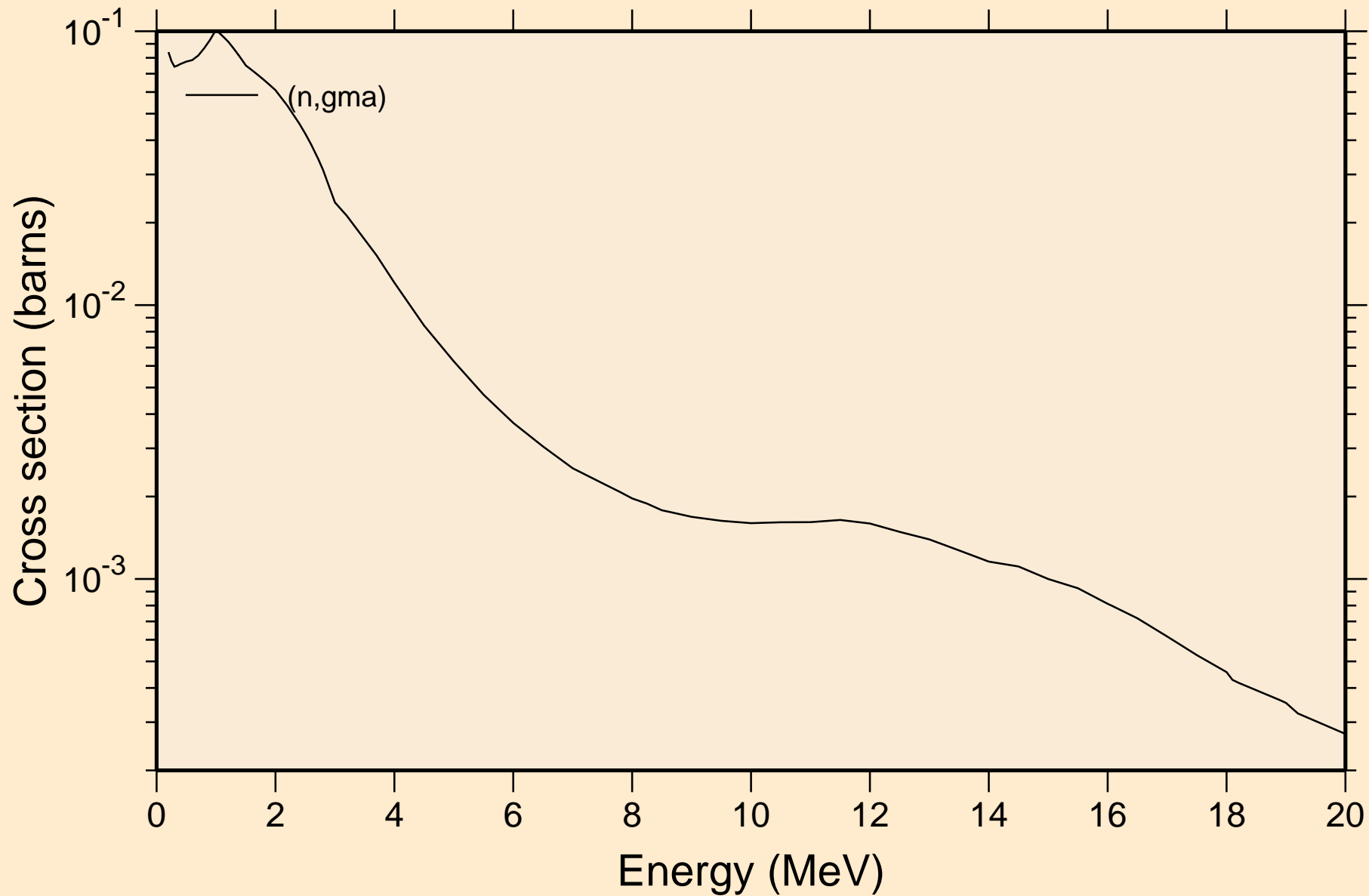


# ENDF/B-VII.1 GD-158

## Damage

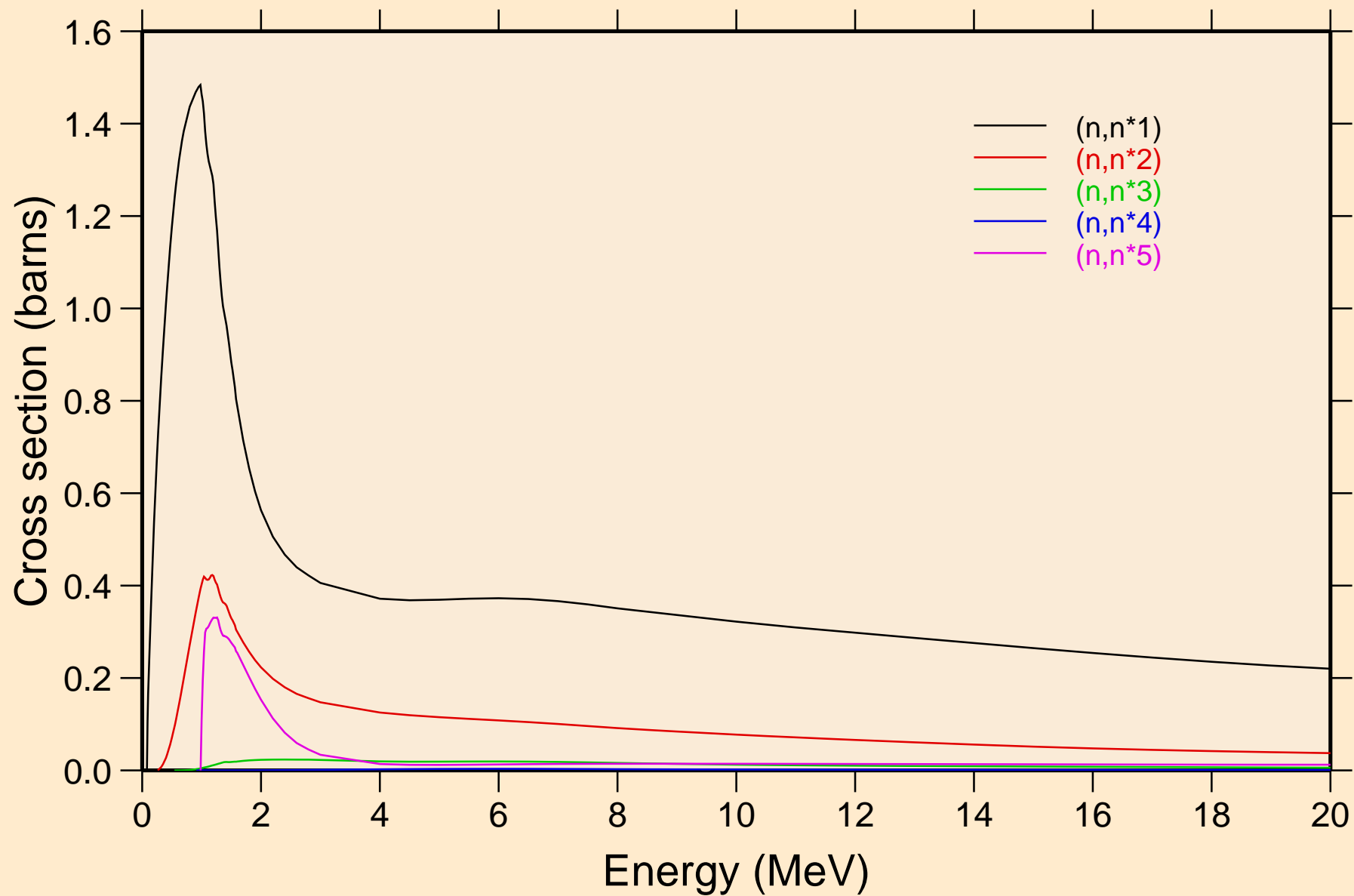


ENDF/B-VII.1 GD-158  
Non-threshold reactions



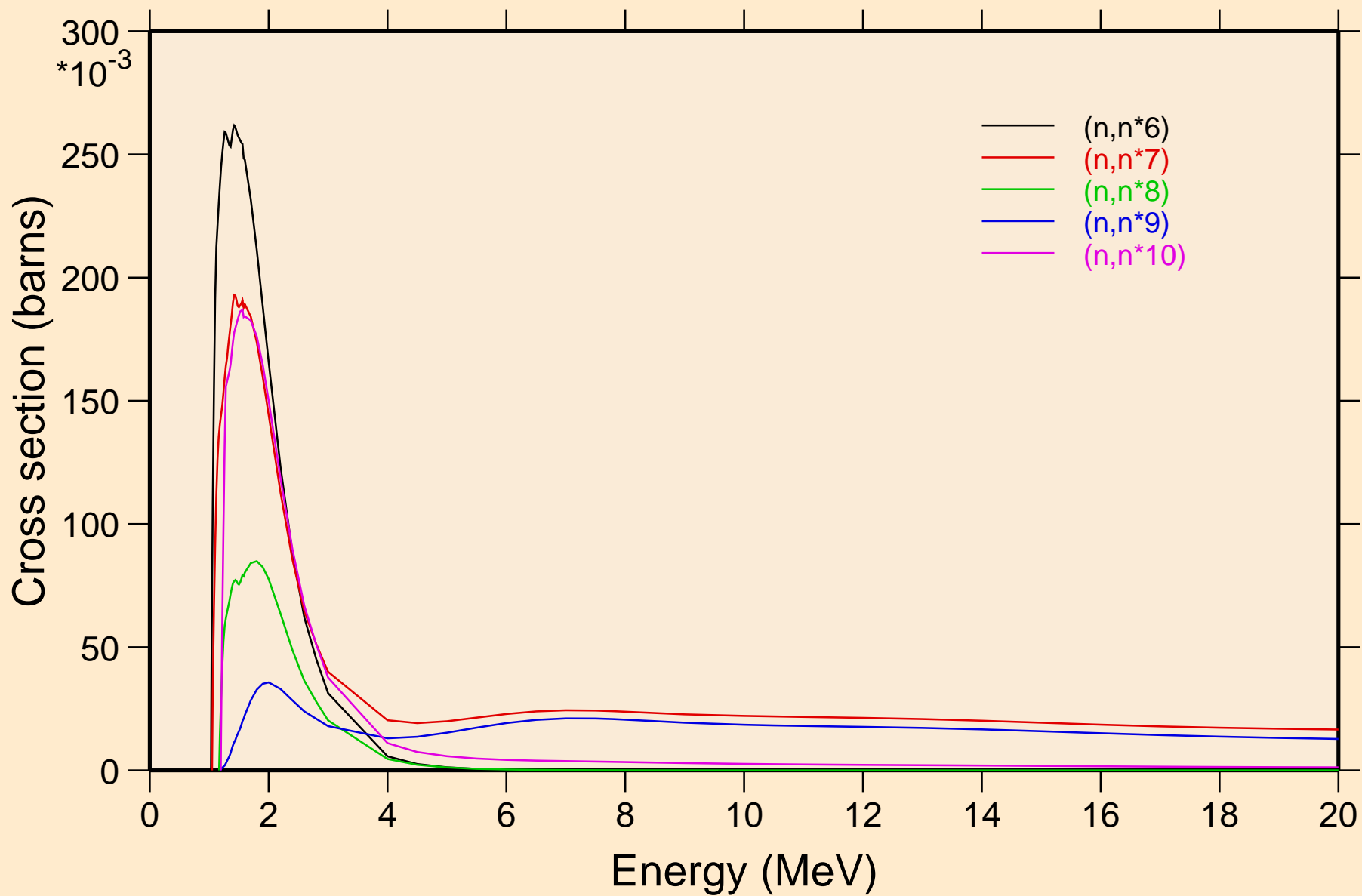
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## Inelastic levels



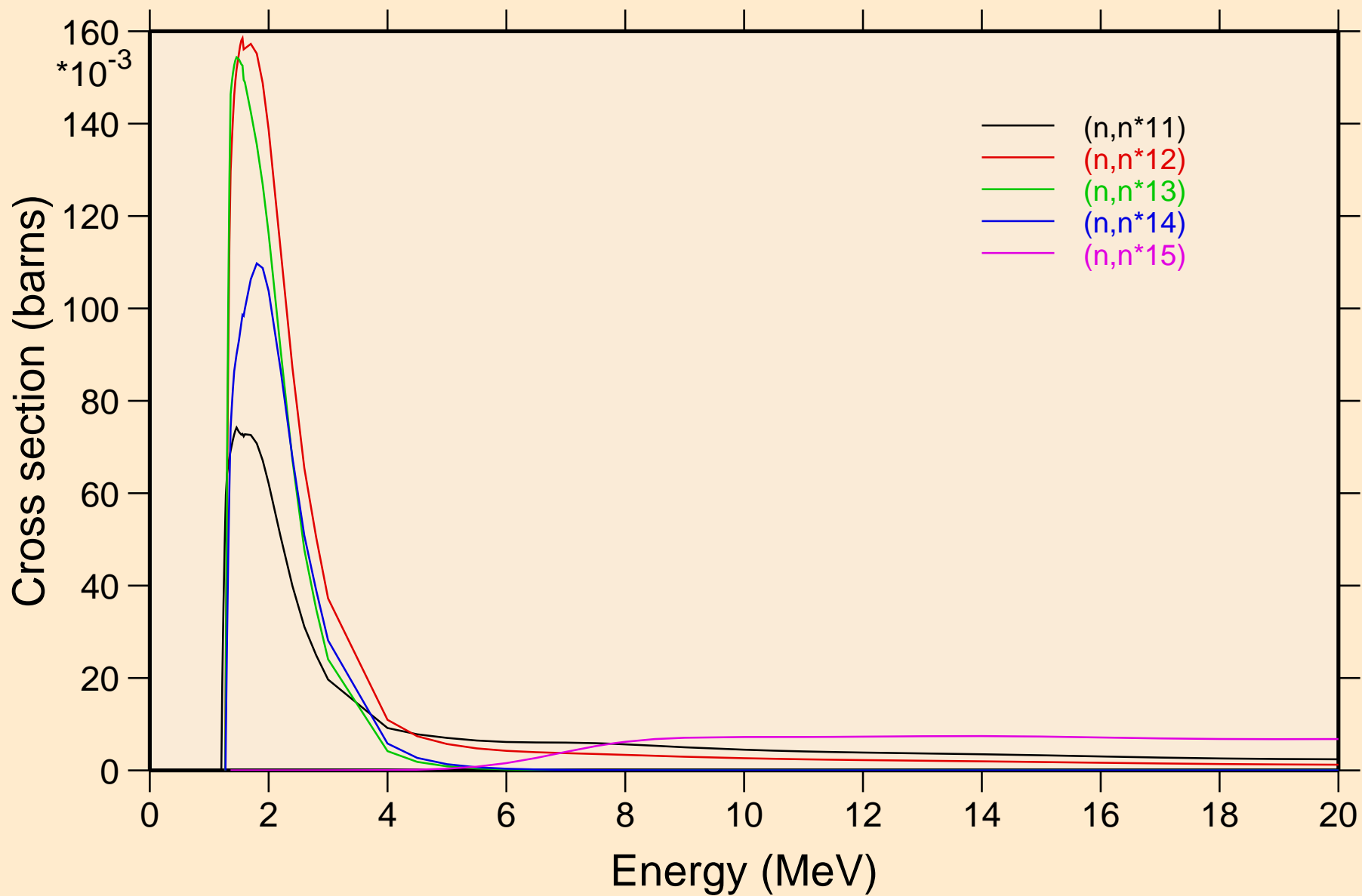
# ENDF/B-VII.1 GD-158

## Inelastic levels



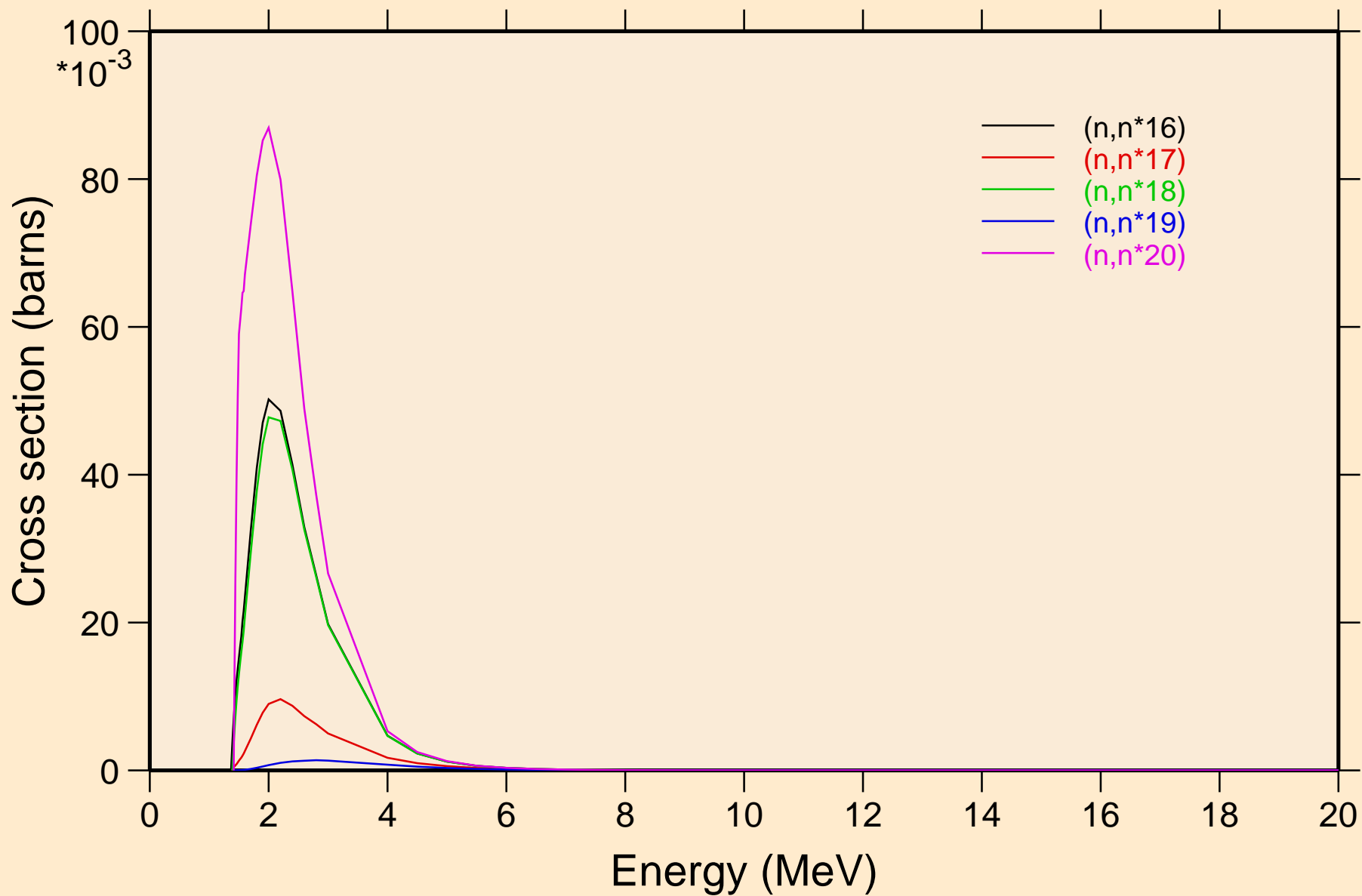
# ENDF/B-VII.1 GD-158

## Inelastic levels



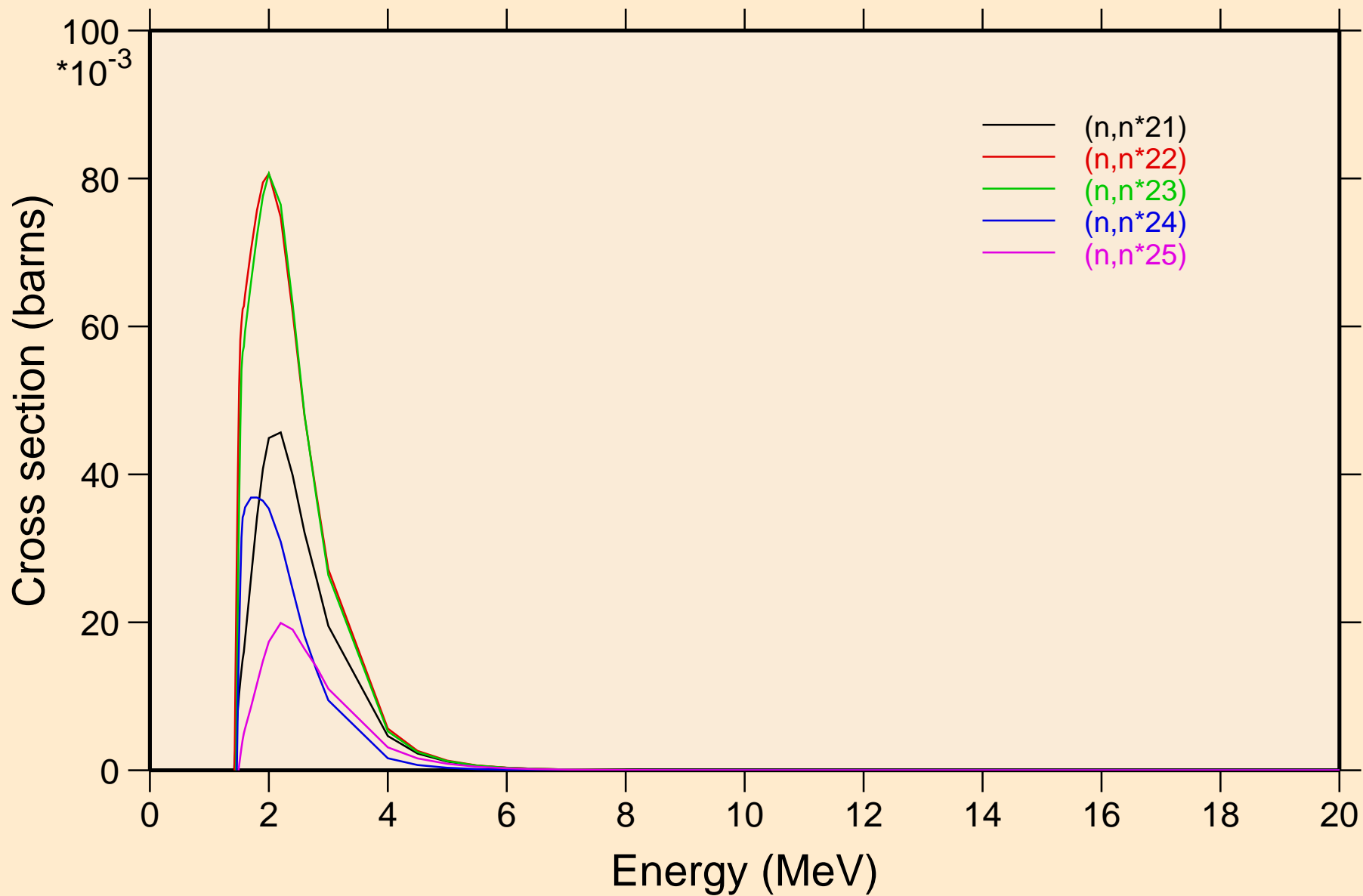
# ENDF/B-VII.1 GD-158

## Inelastic levels



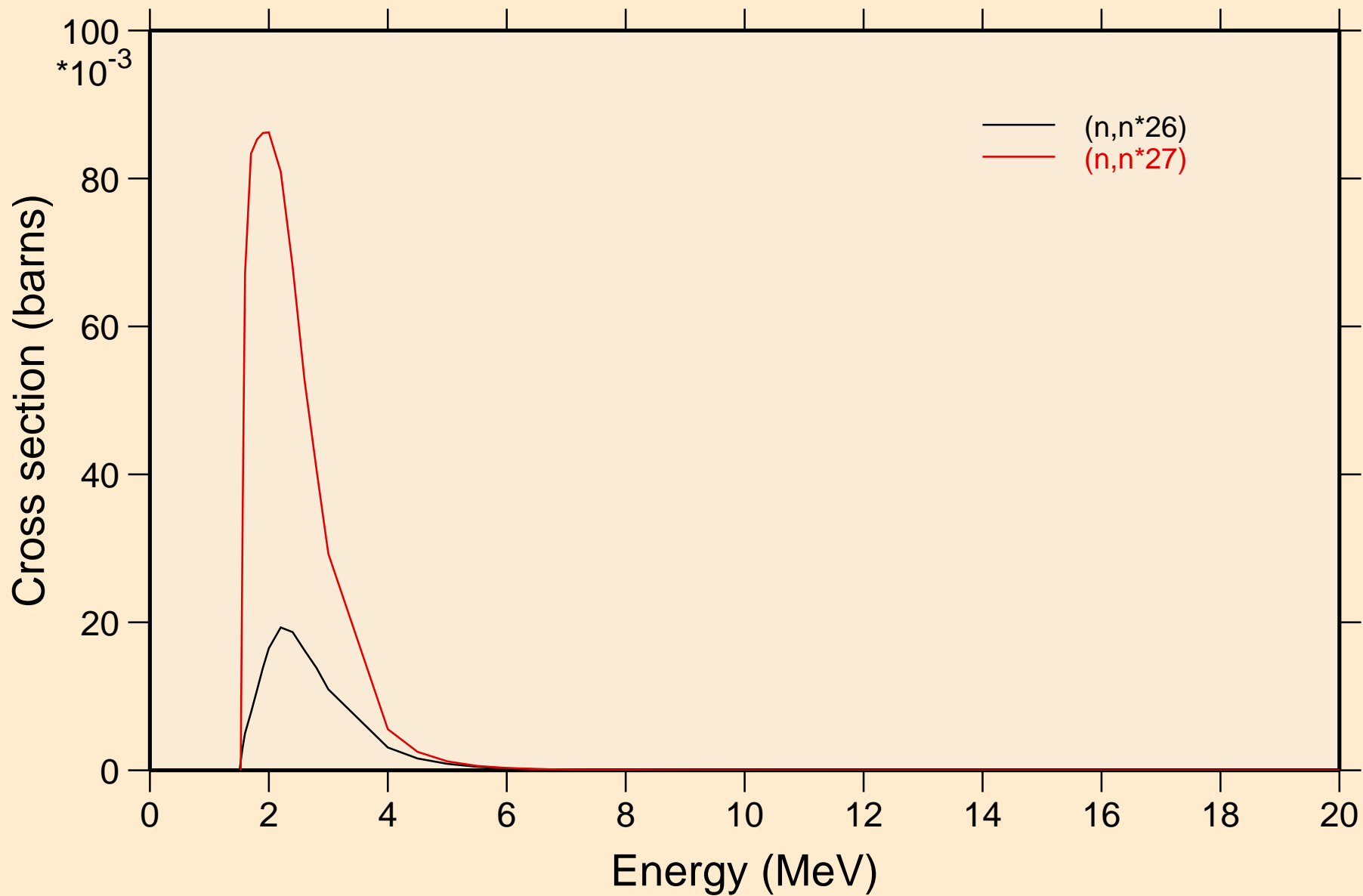
# ENDF/B-VII.1 GD-158

## Inelastic levels



# ENDF/B-VII.1 GD-158

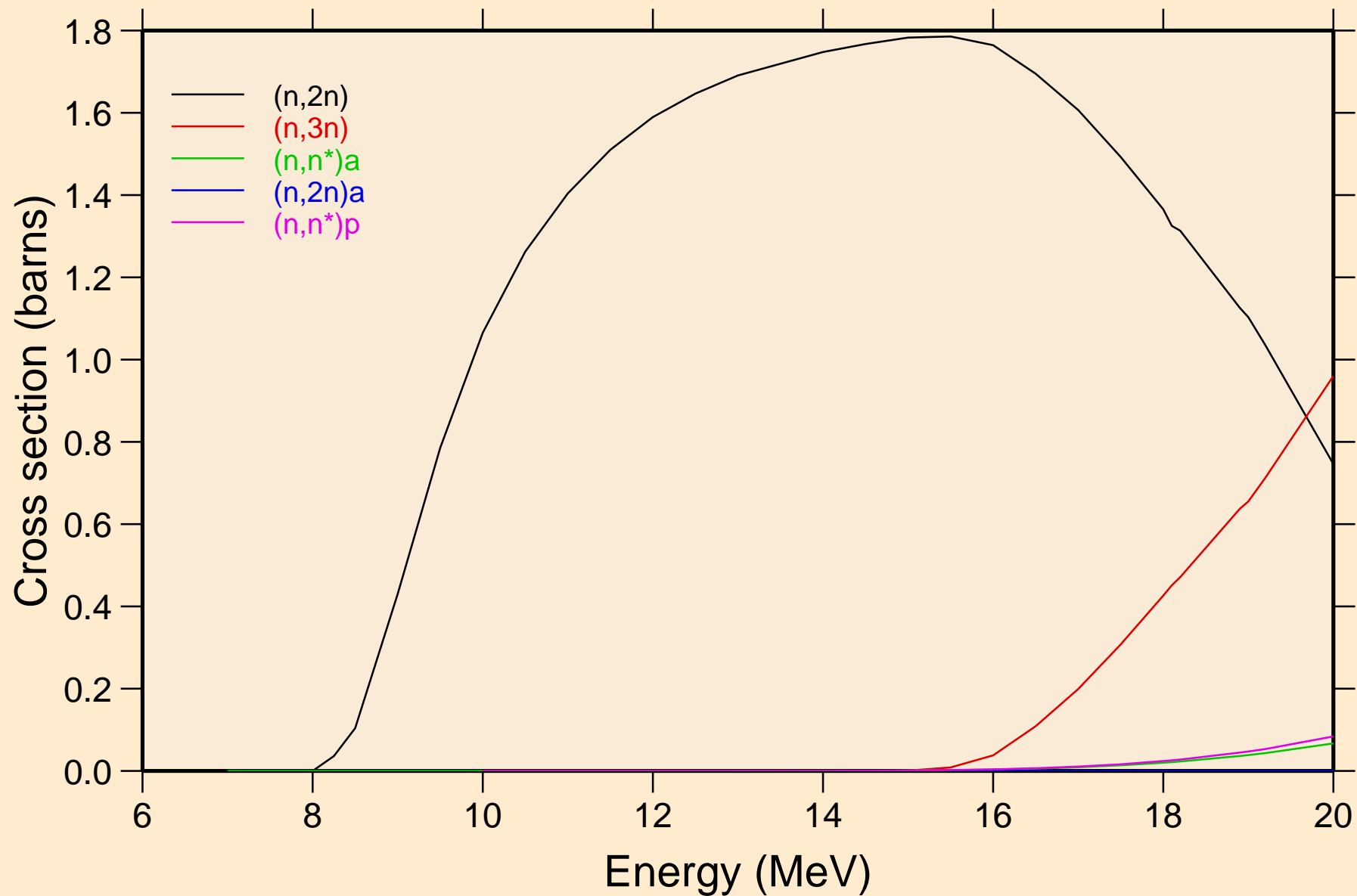
## Inelastic levels





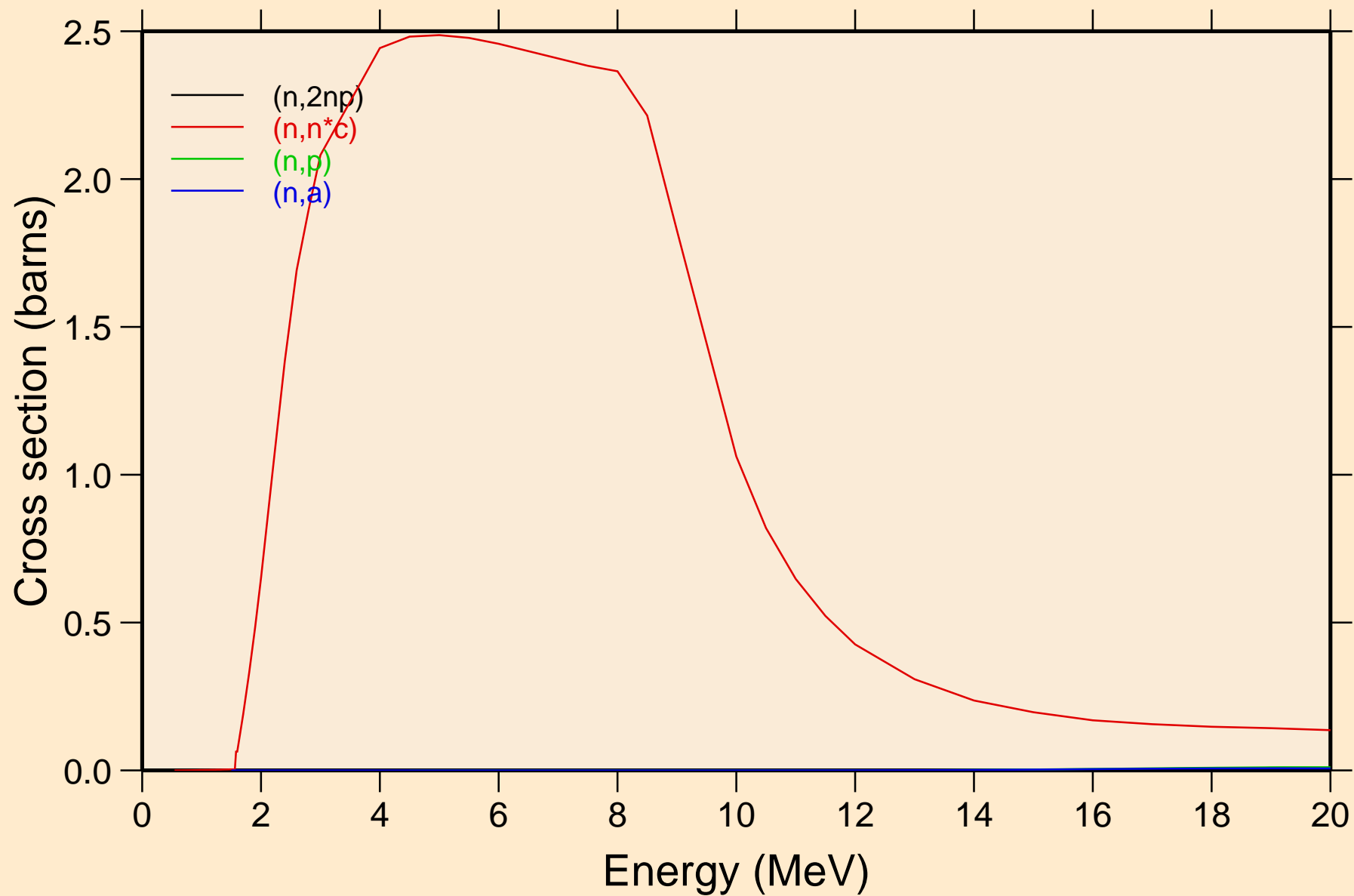
# ENDF/B-VII.1 GD-158

## Threshold reactions



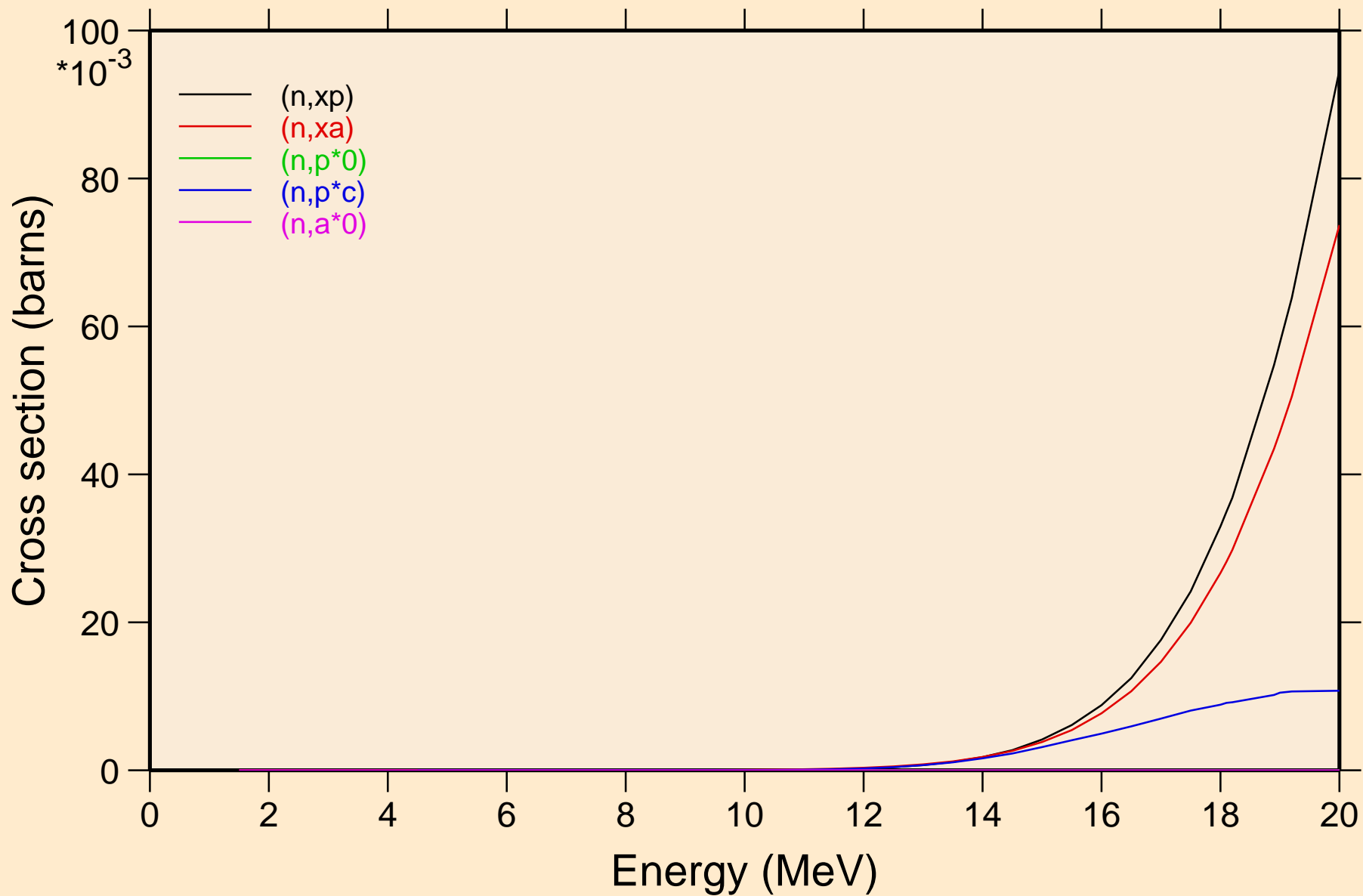
# ENDF/B-VII.1 GD-158

## Threshold reactions



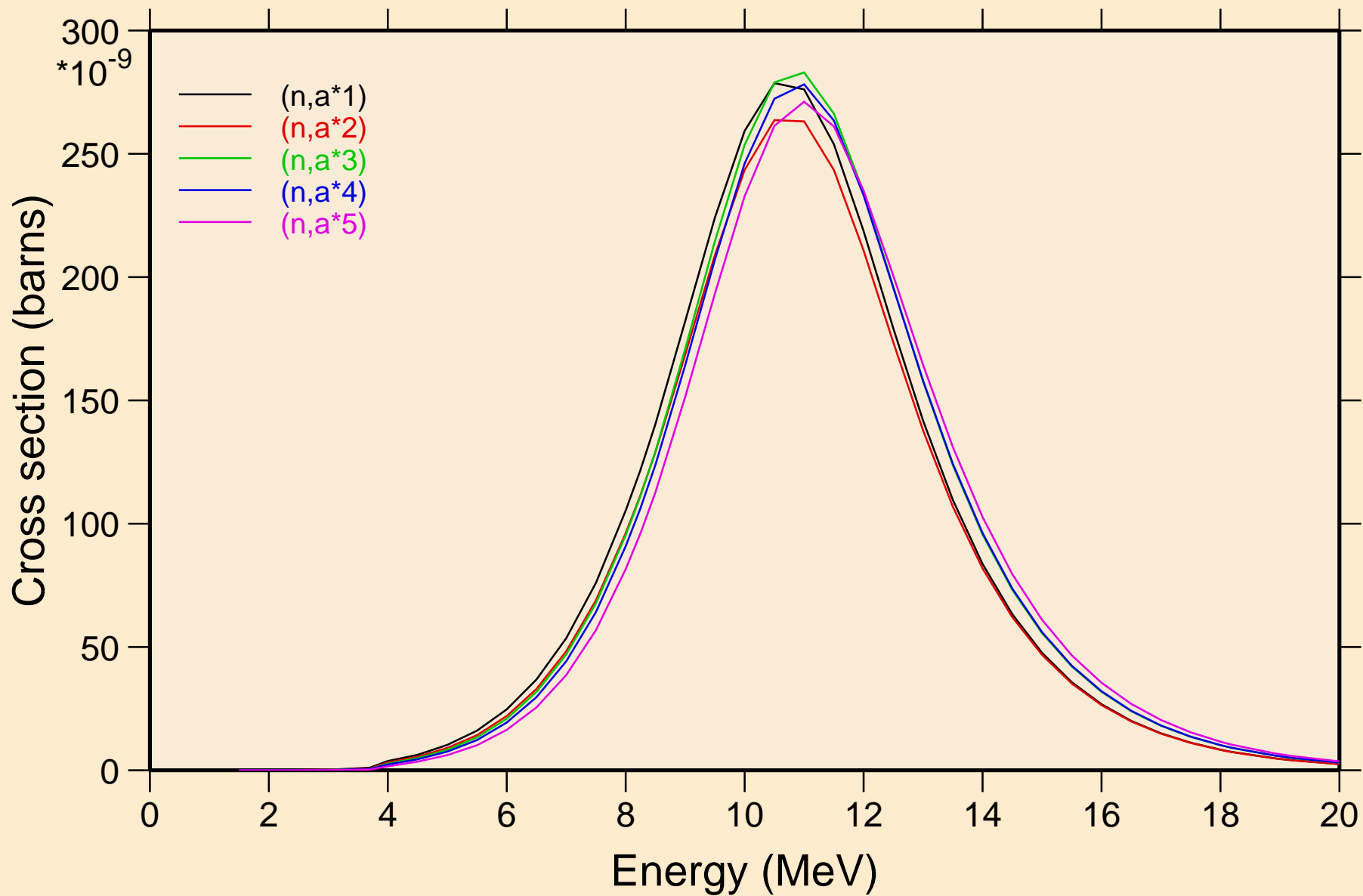
# ENDF/B-VII.1 GD-158

## Threshold reactions



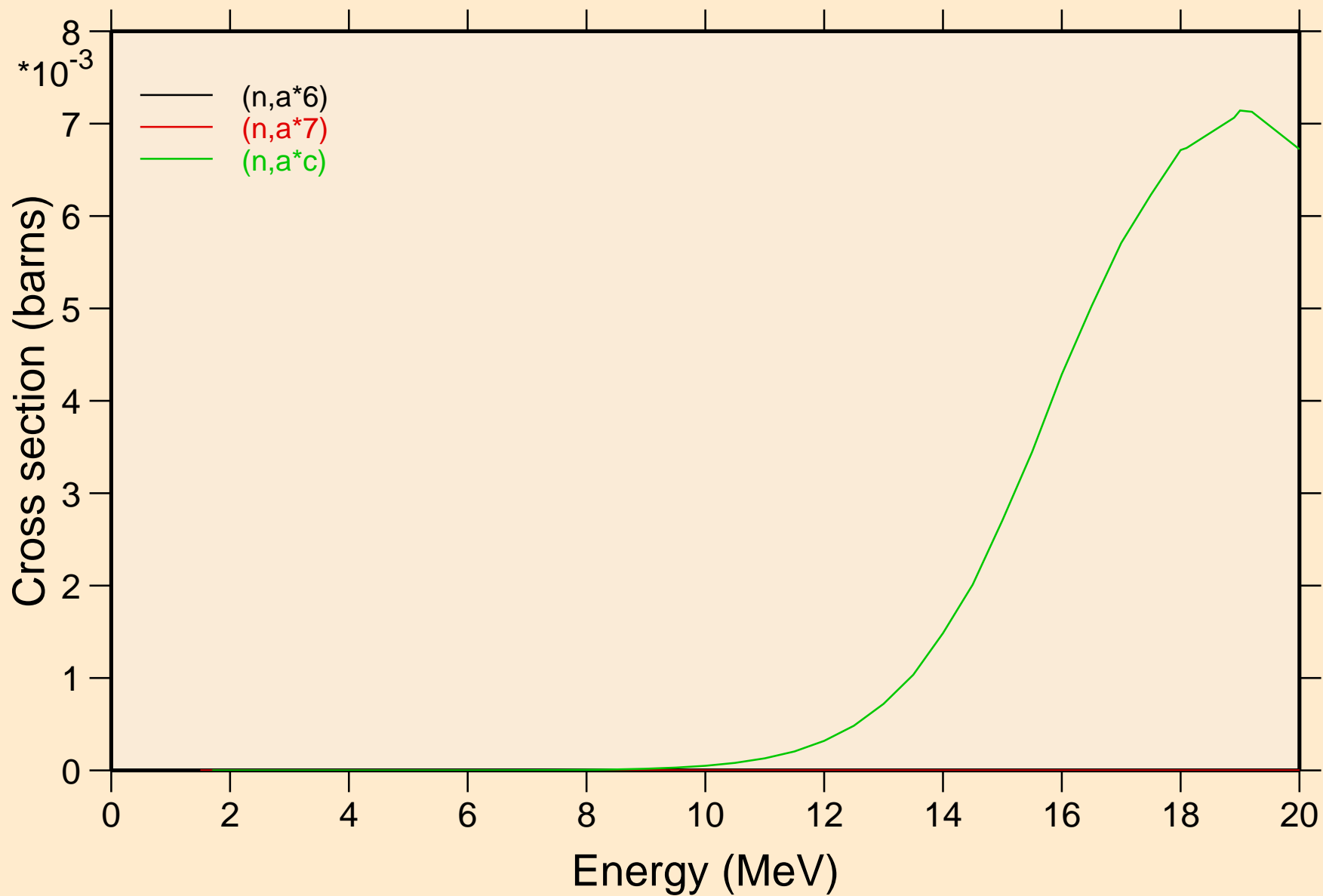
# ENDF/B-VII.1 GD-158

## Threshold reactions

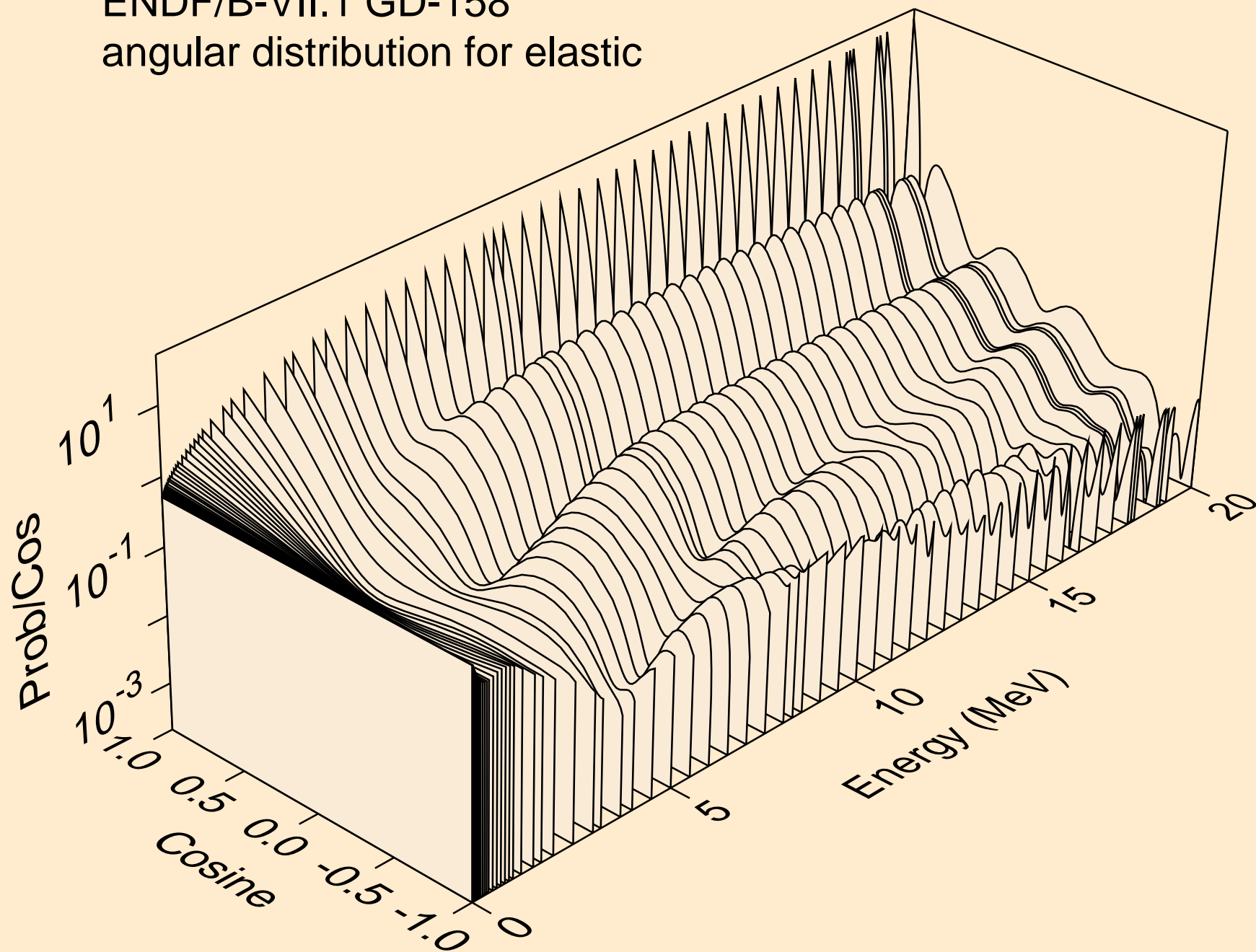


# ENDF/B-VII.1 GD-158

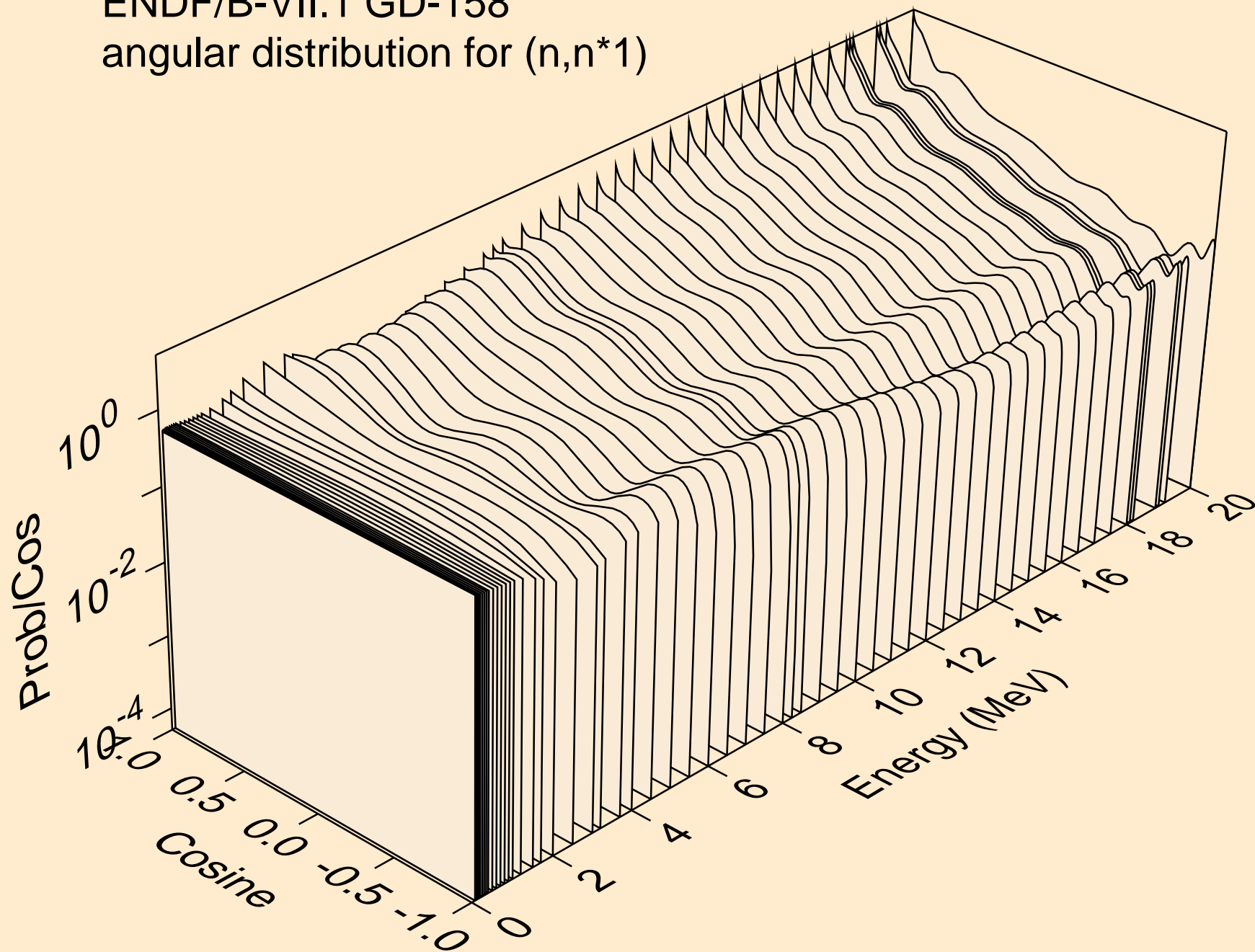
## Threshold reactions



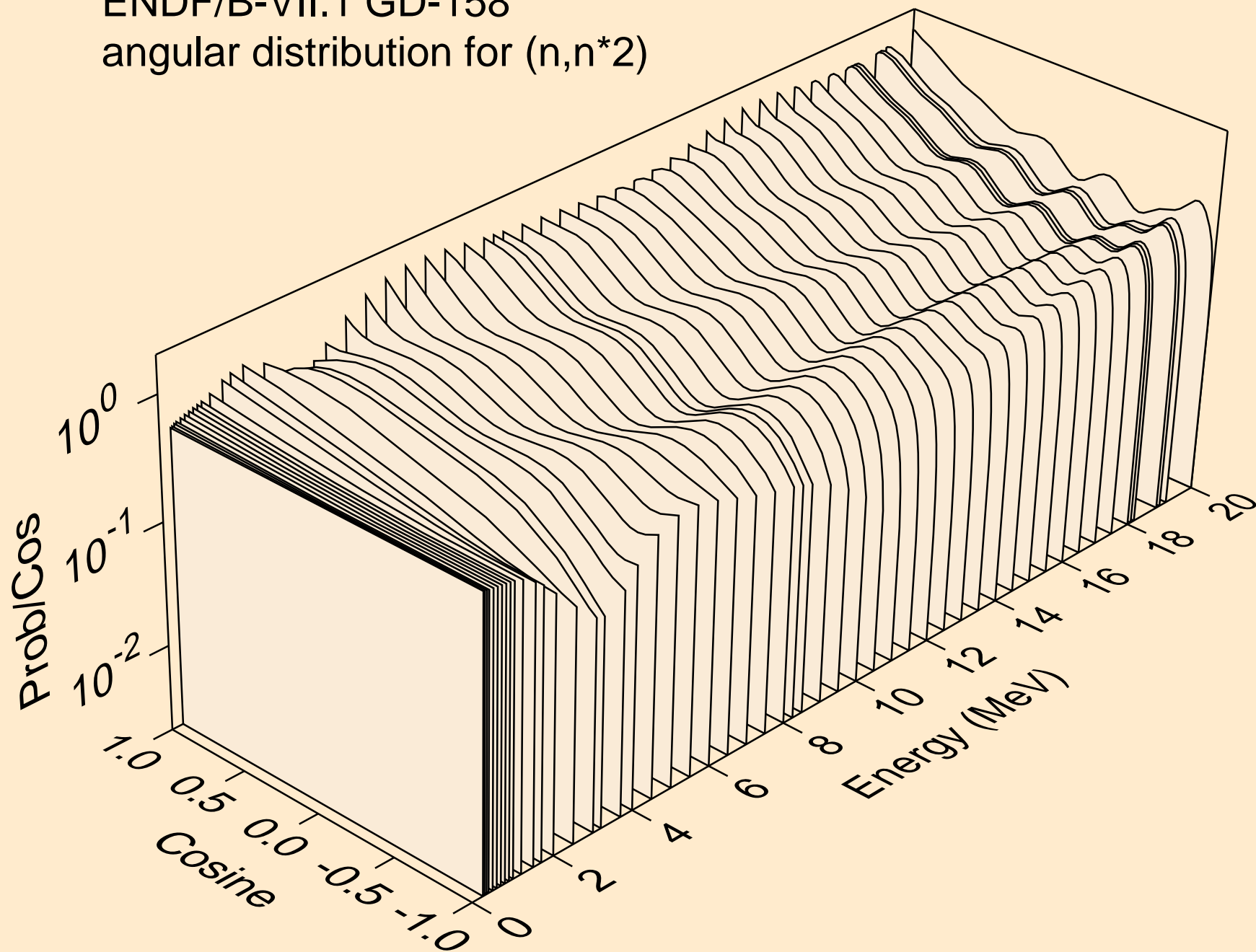
ENDF/B-VII.1 GD-158  
angular distribution for elastic



ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*1)

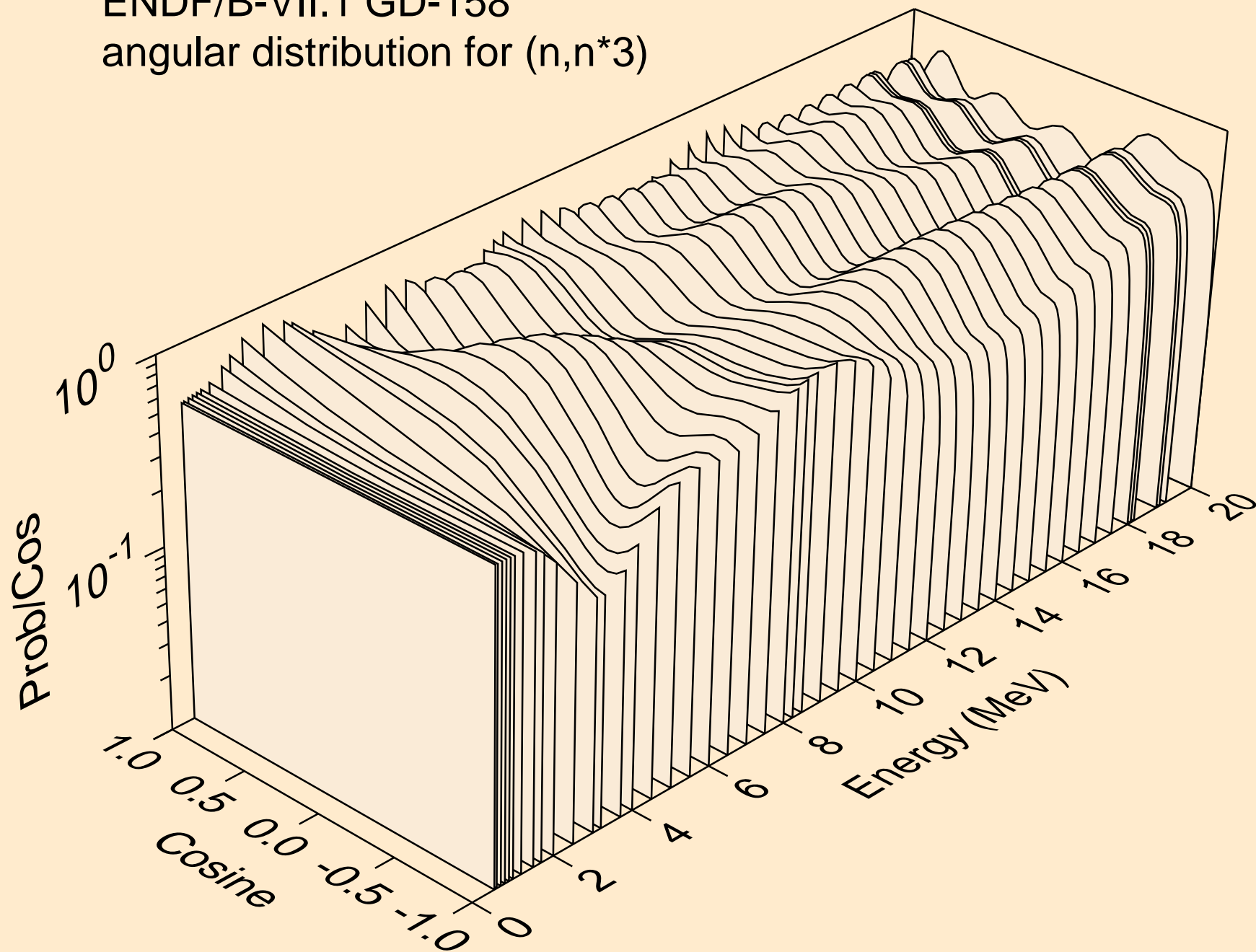


ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*2)

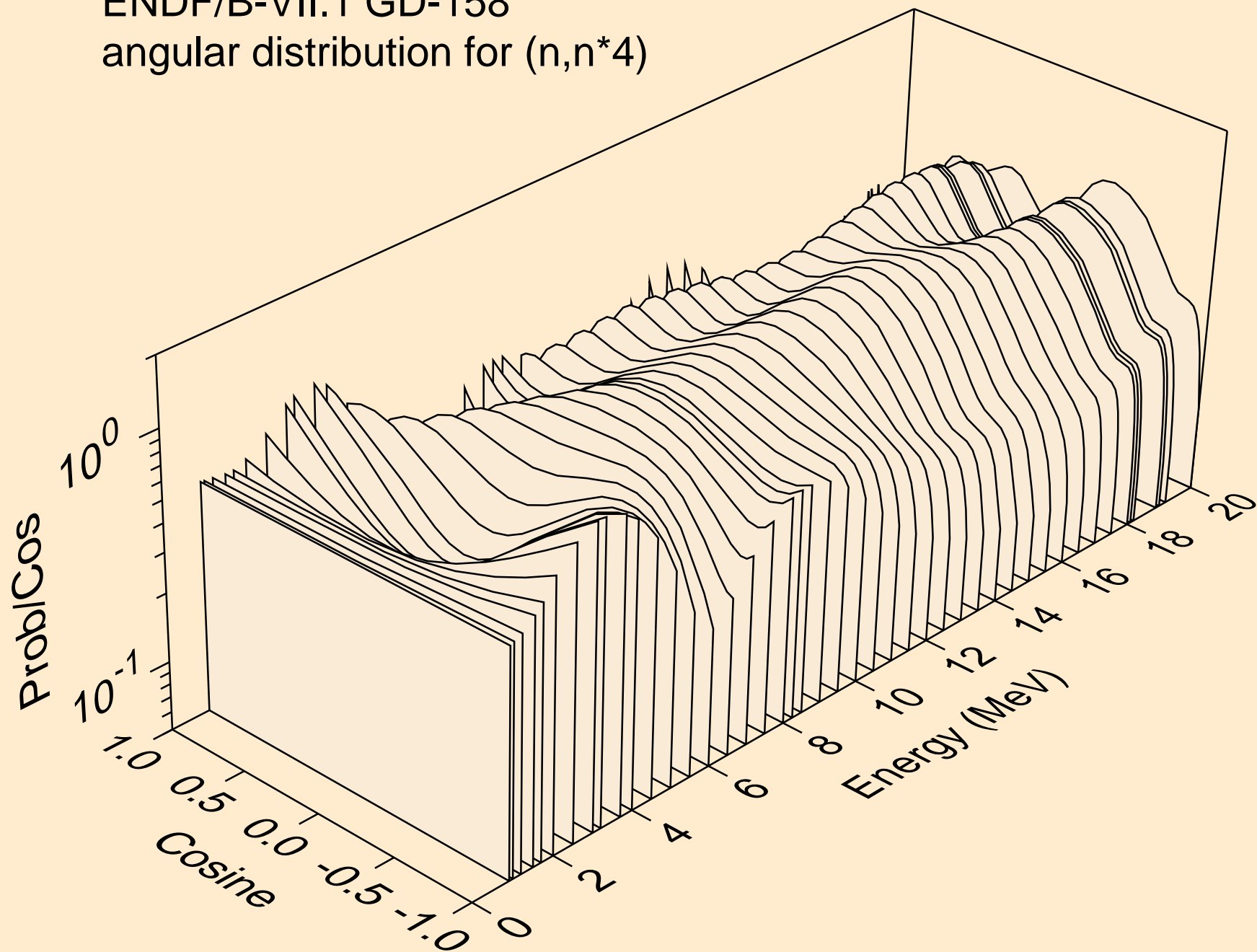




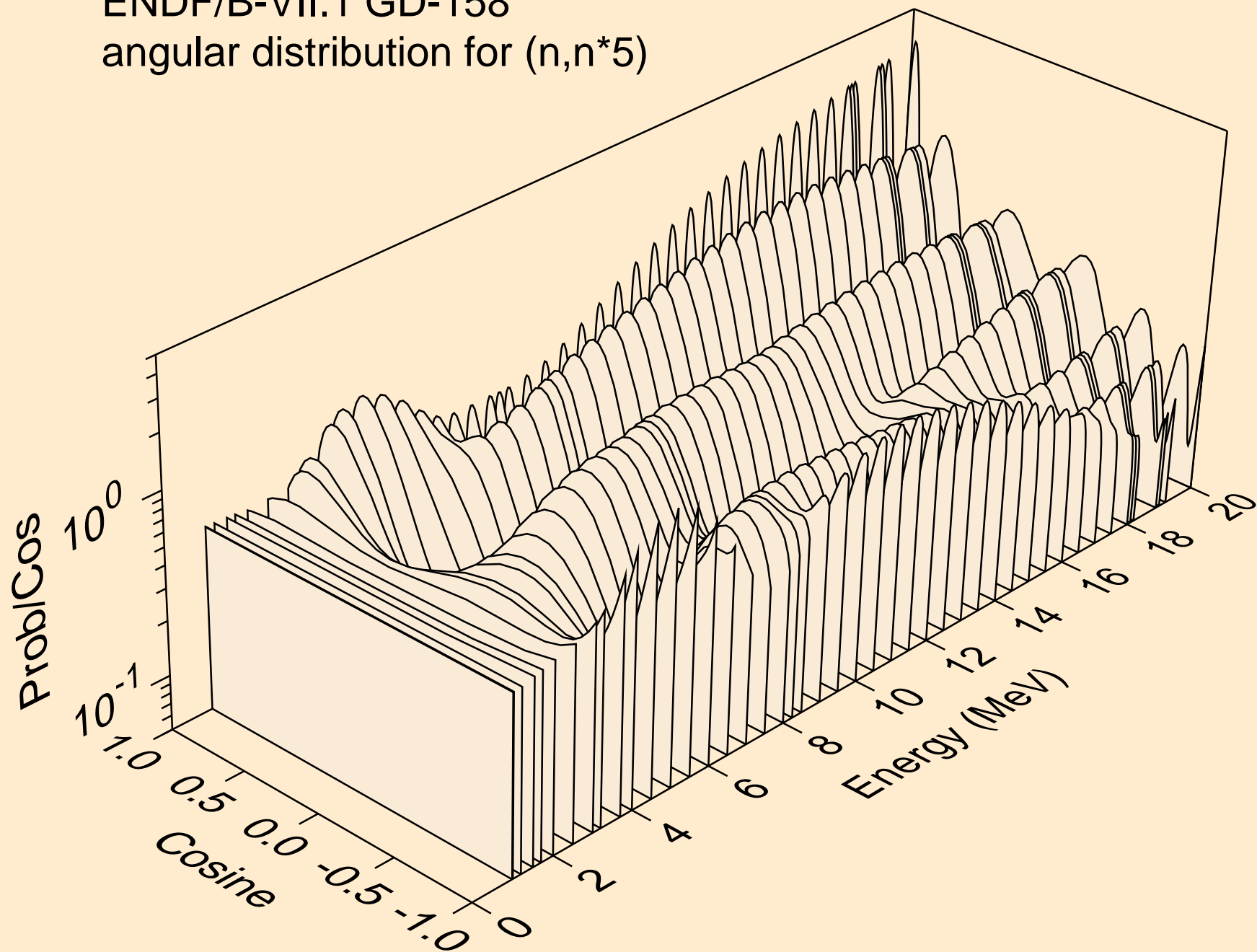
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angular distribution for (n,n\*3)



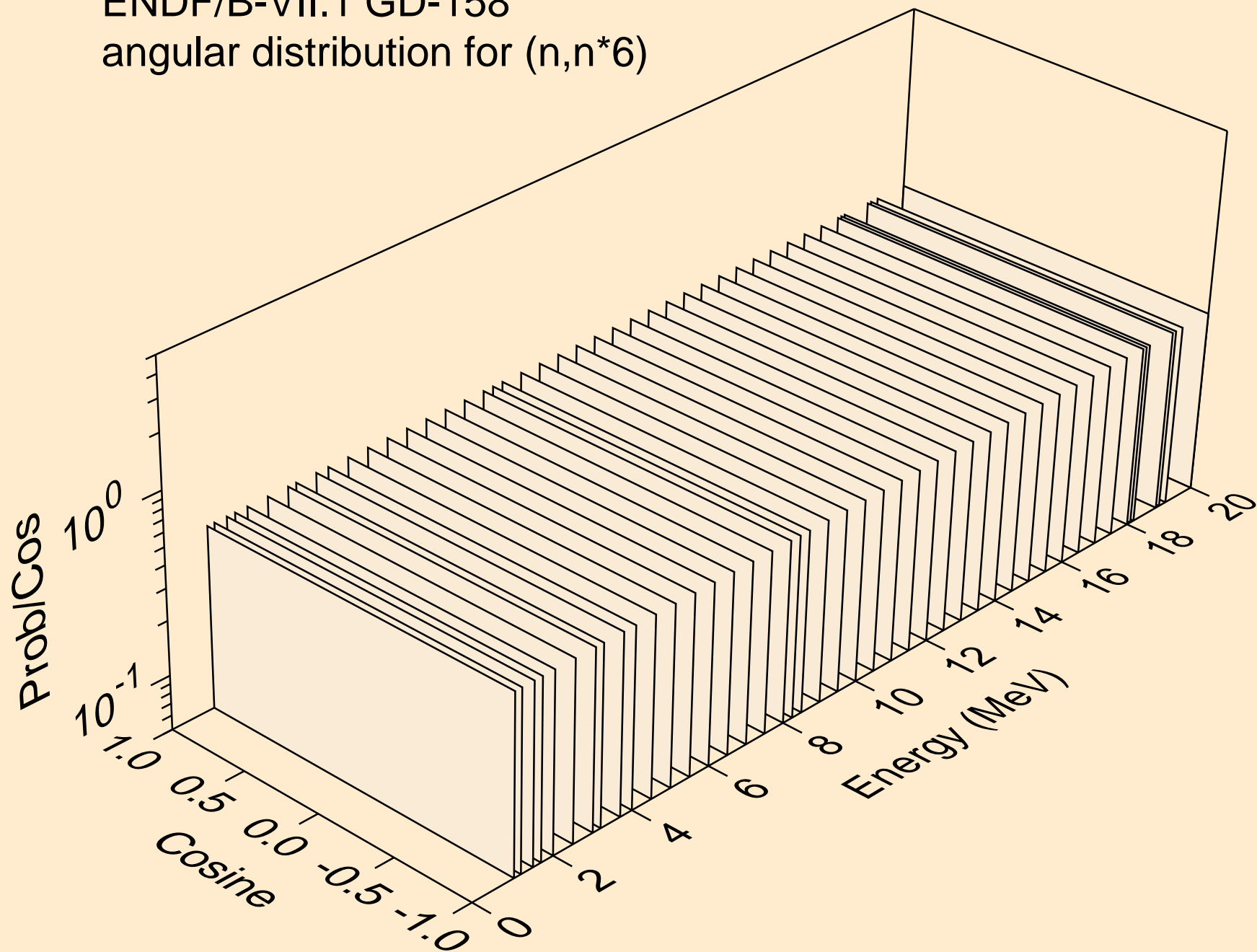
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*4)



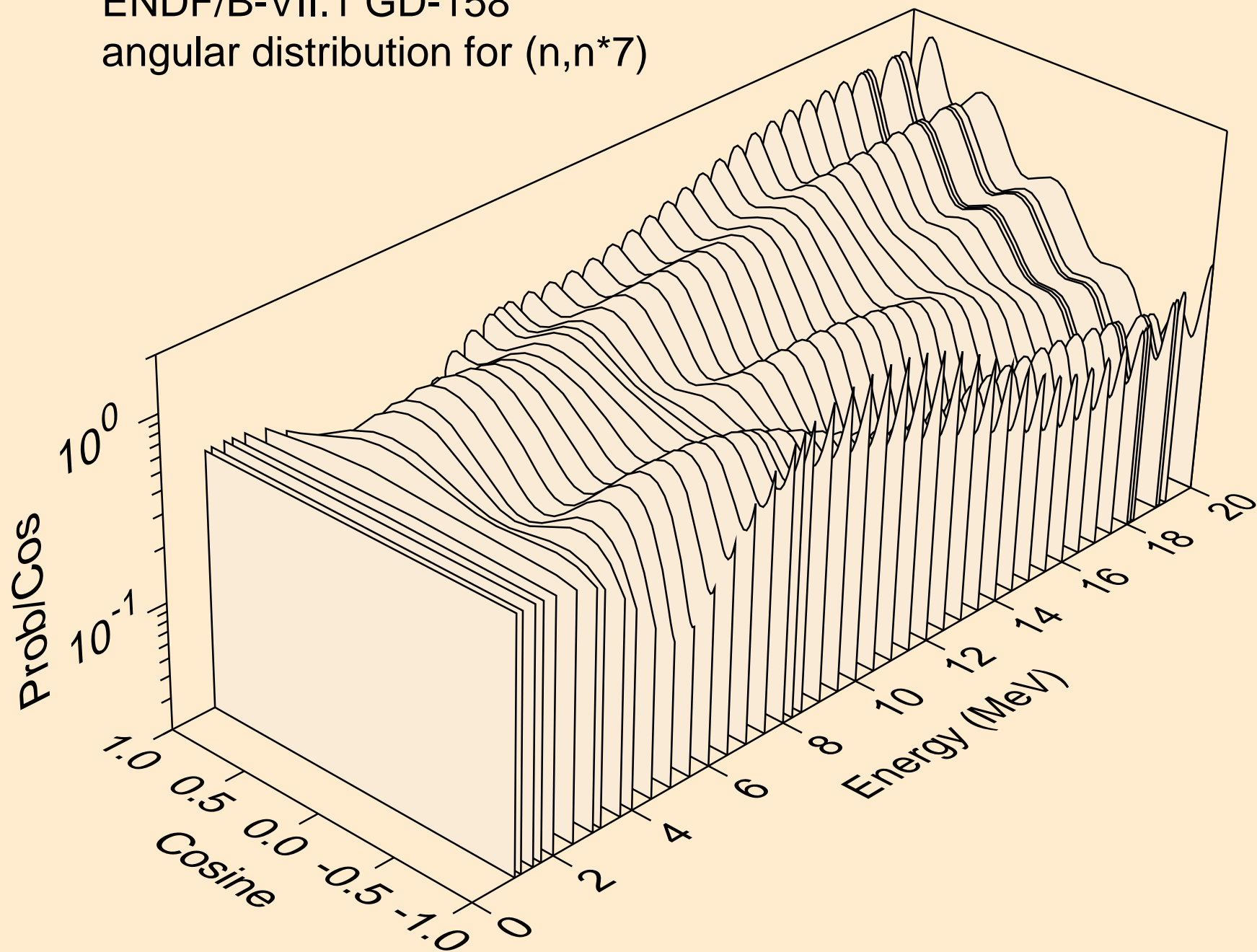
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angular distribution for (n,n\*5)



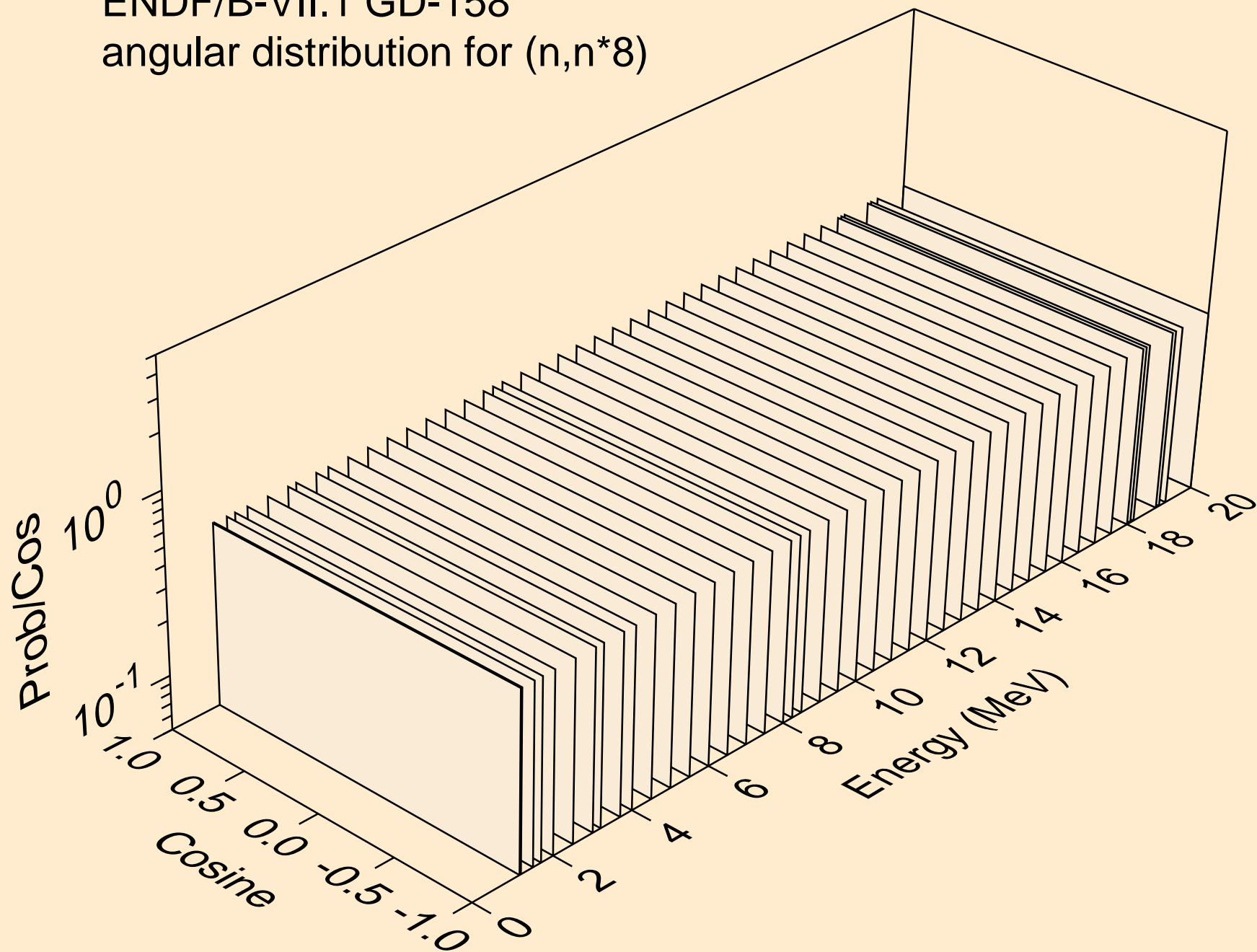
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angular distribution for (n,n\*6)



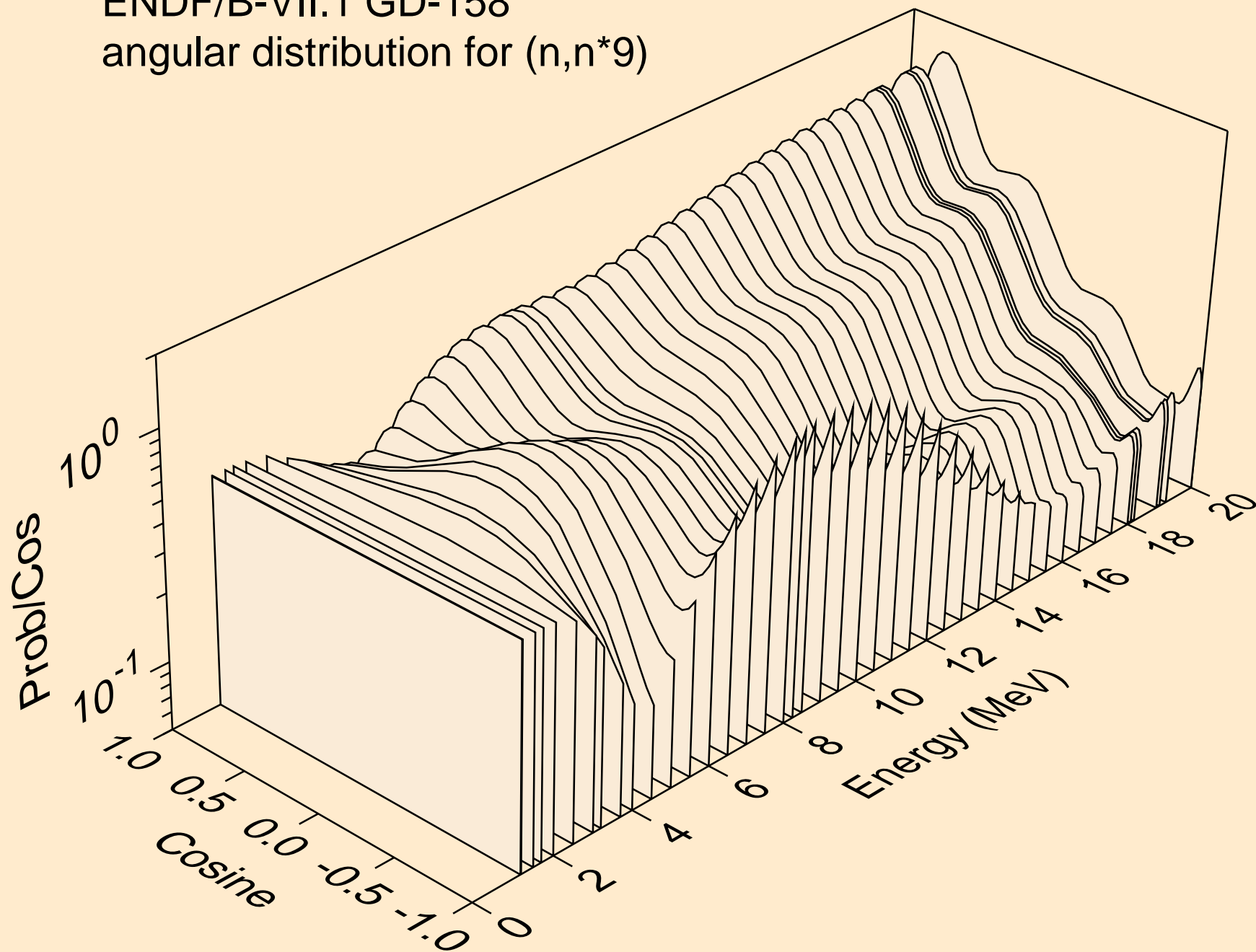
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*7)



ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*8)

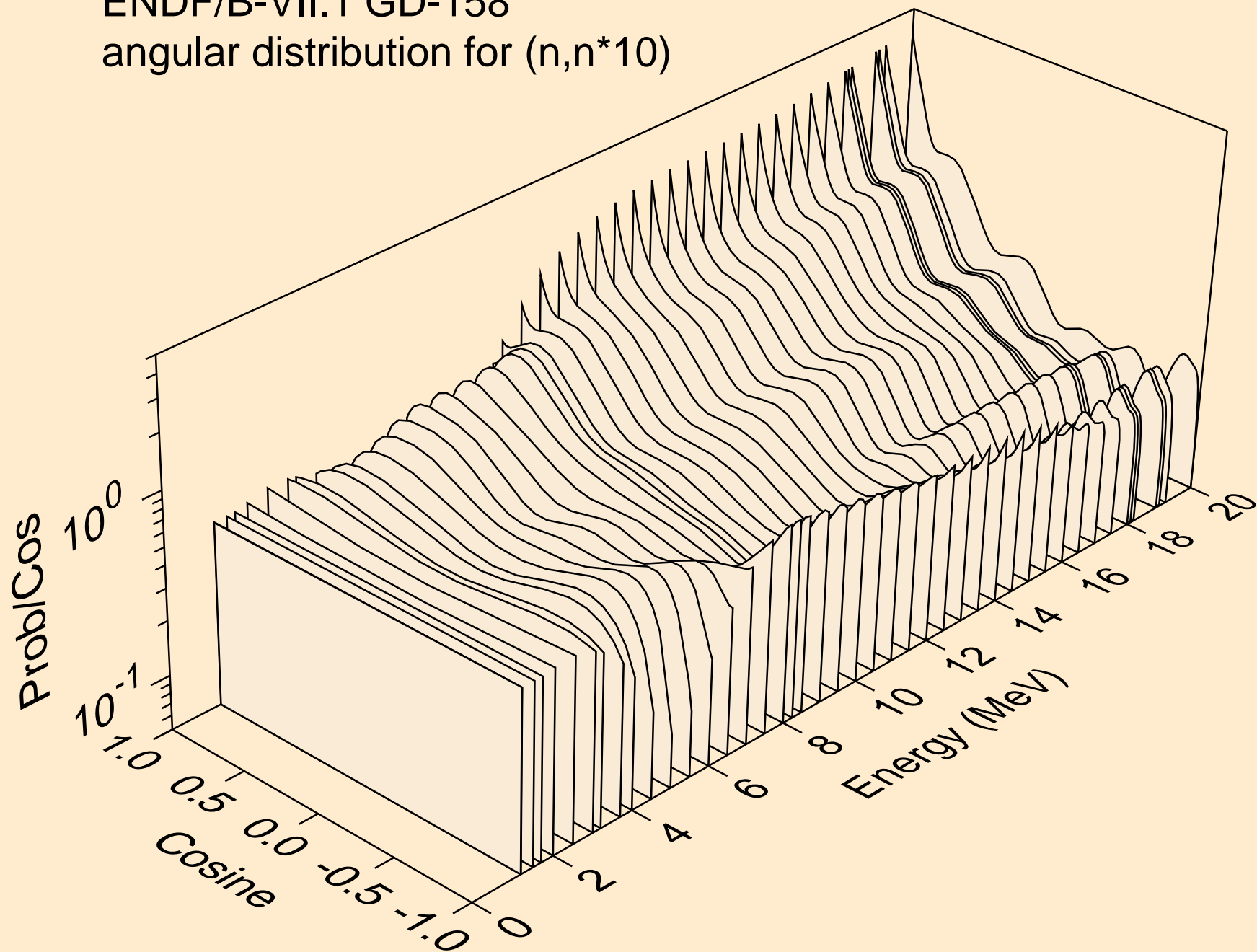


ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*9)



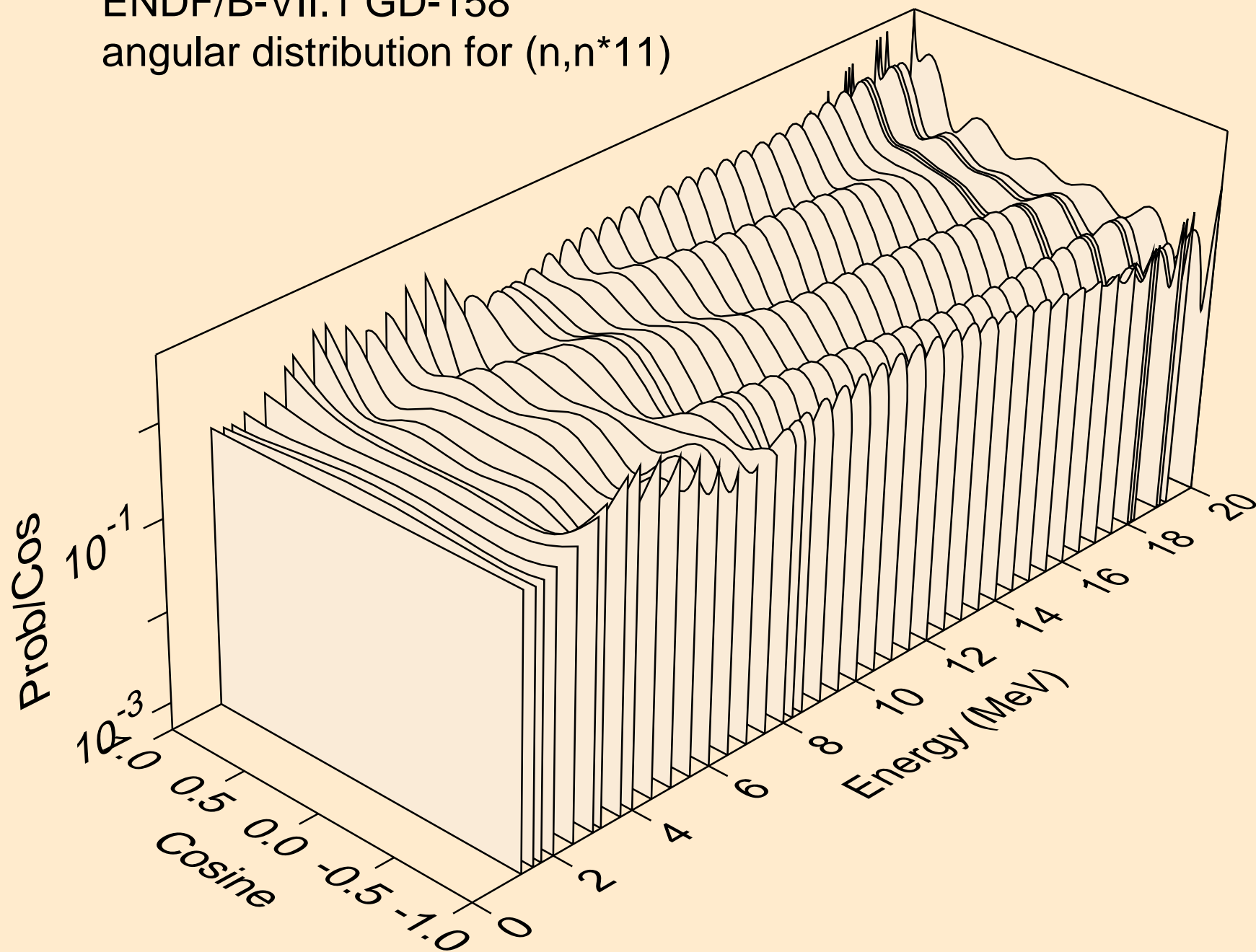


ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*10)

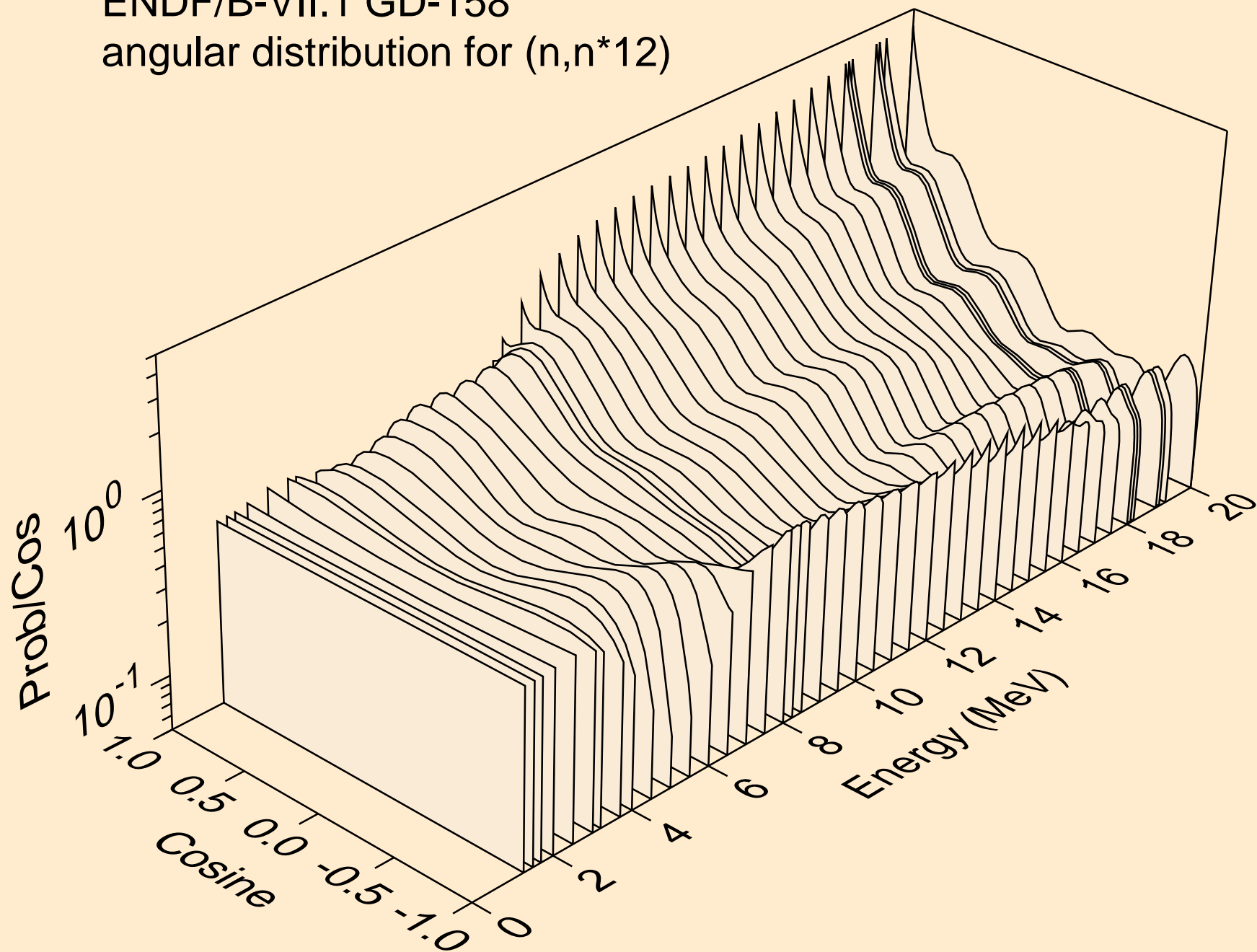




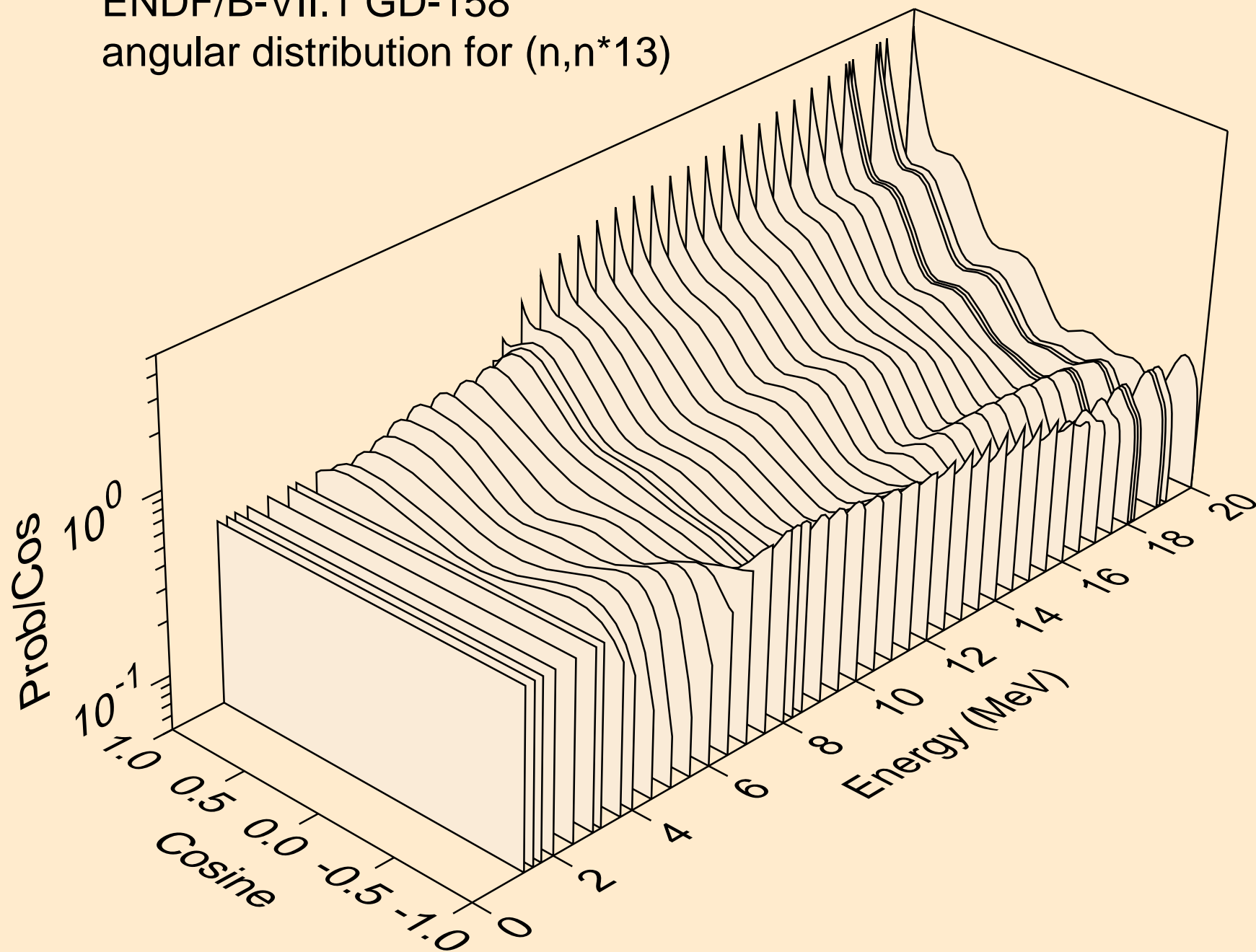
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angular distribution for (n,n\*11)



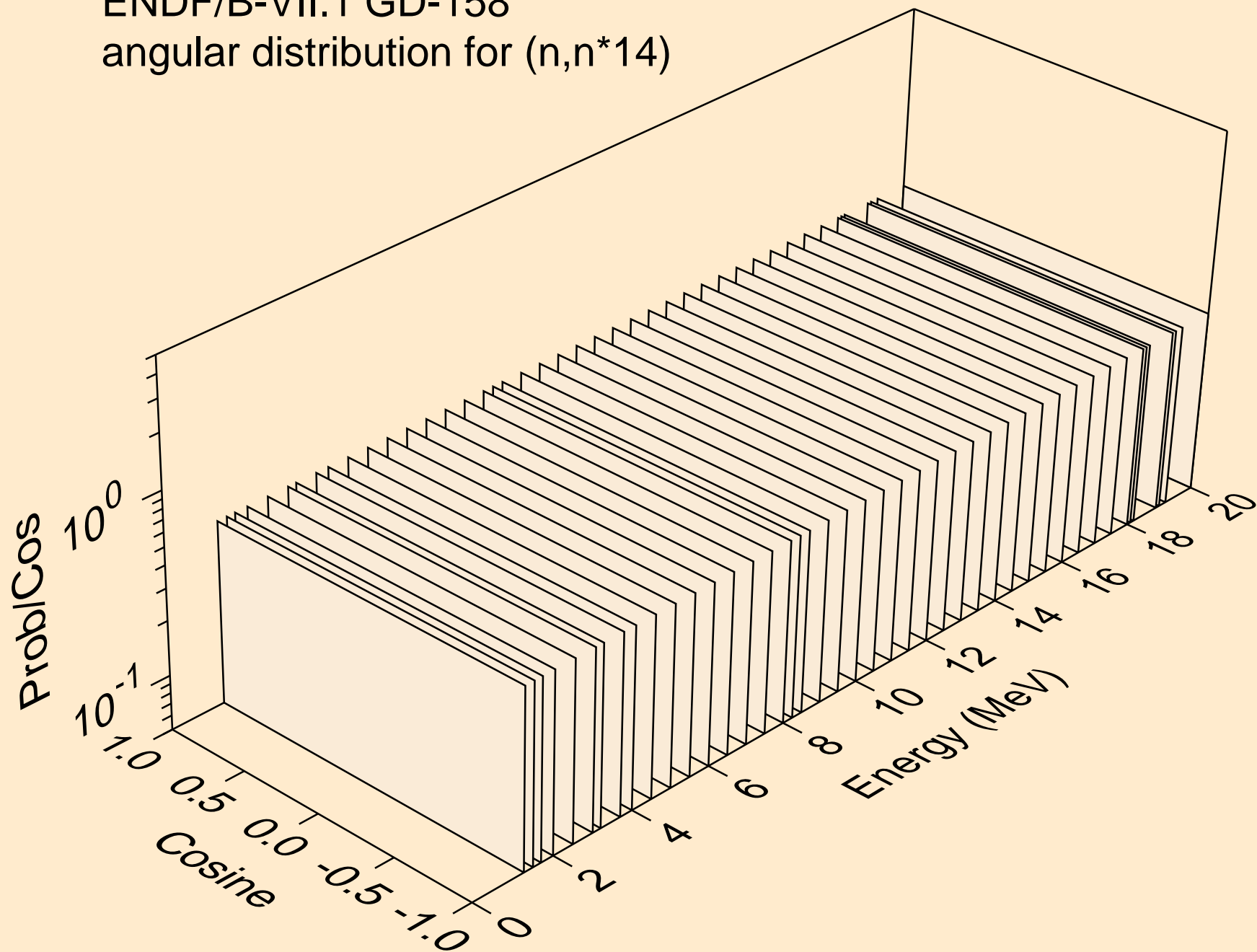
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angular distribution for (n,n\*12)



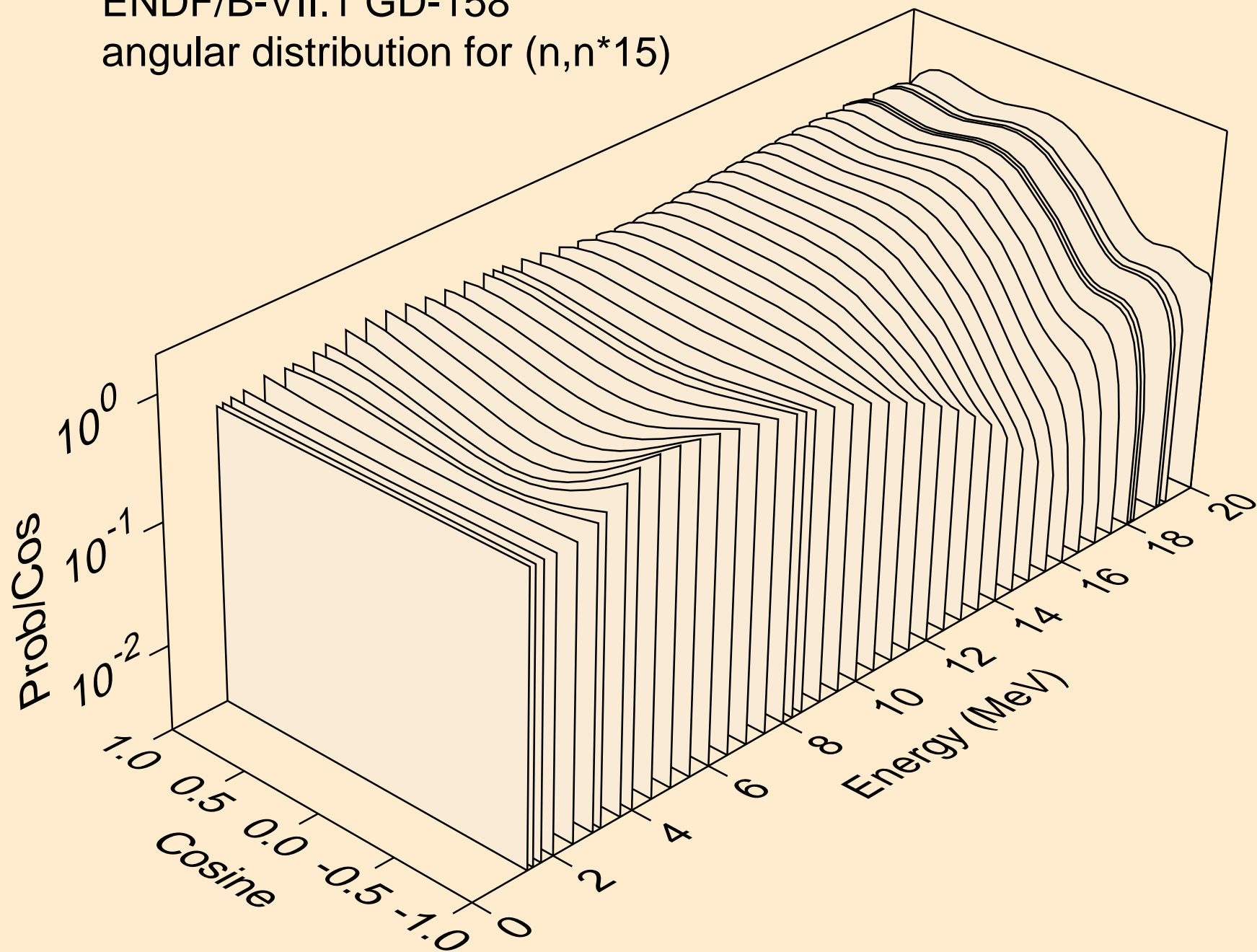
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angular distribution for (n,n\*13)



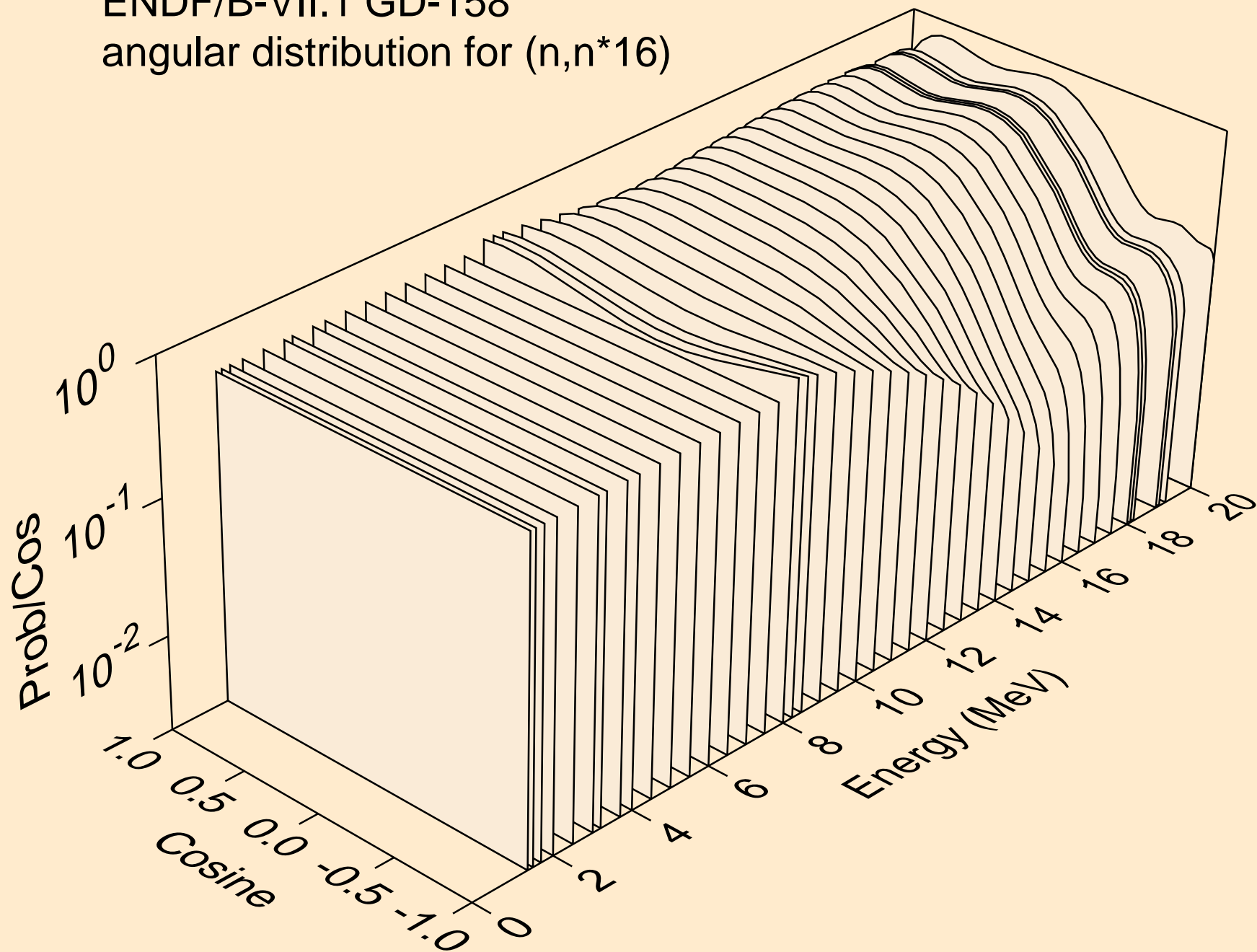
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angular distribution for (n,n\*14)



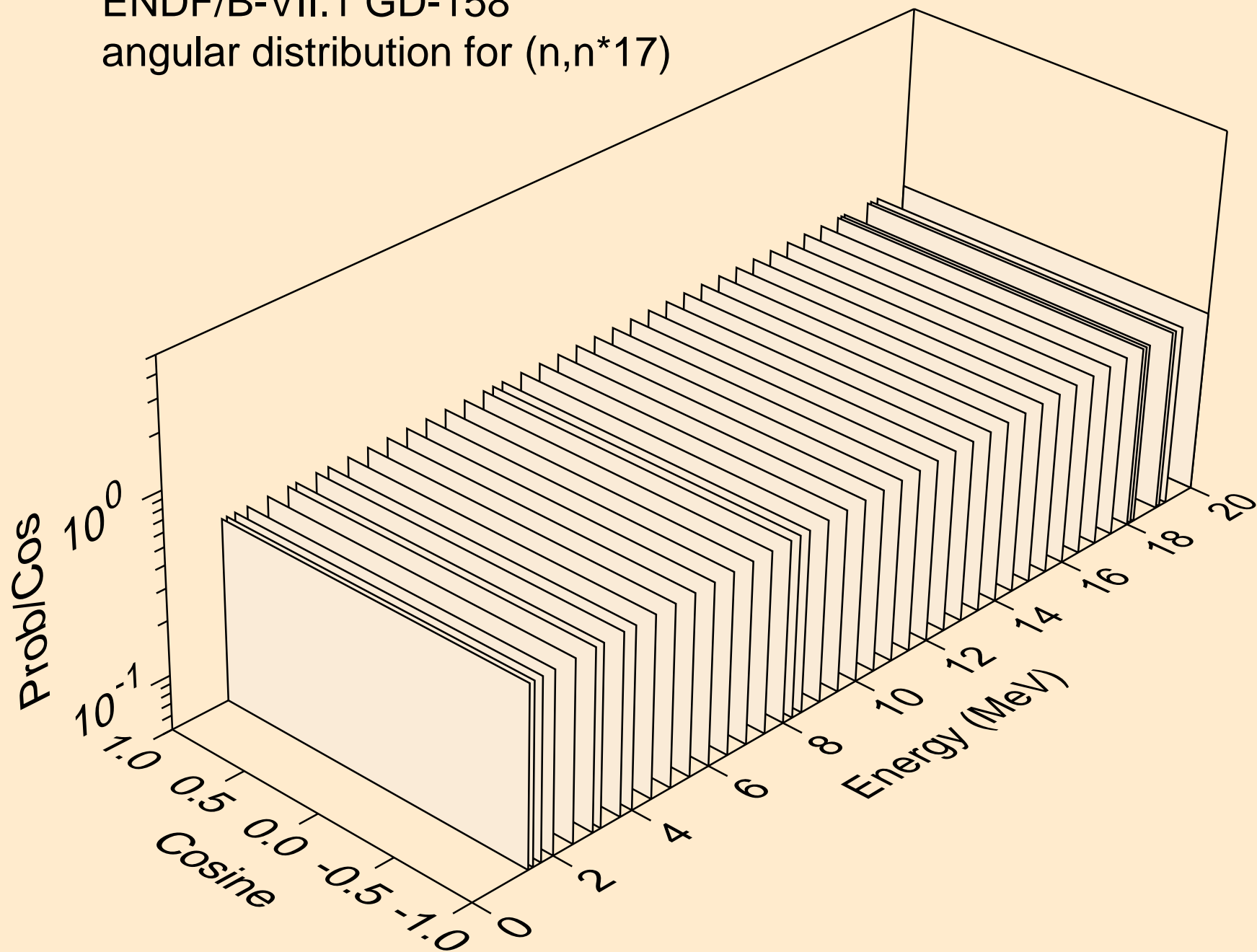
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*15)



ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*16)

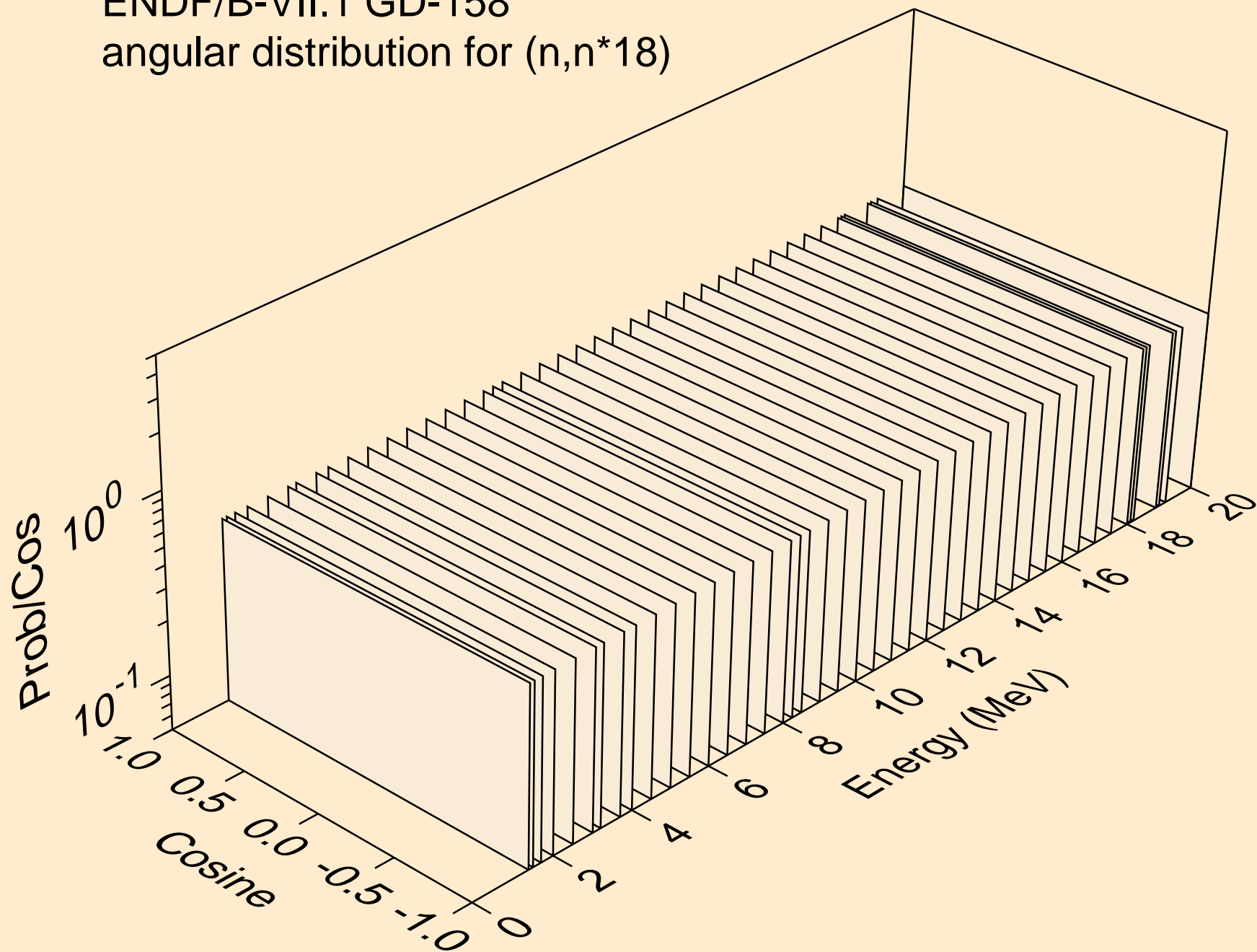


ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*17)



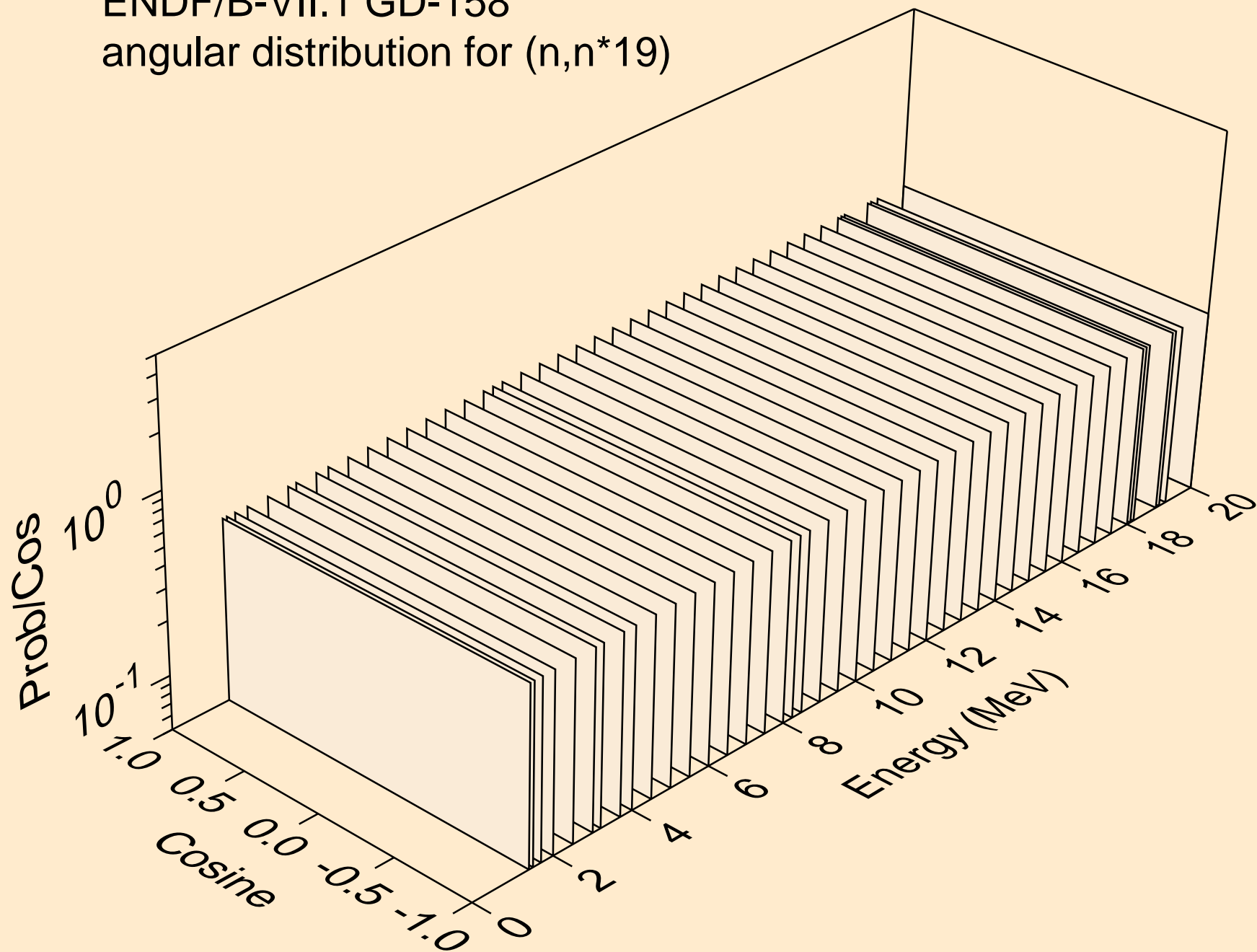


ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*18)

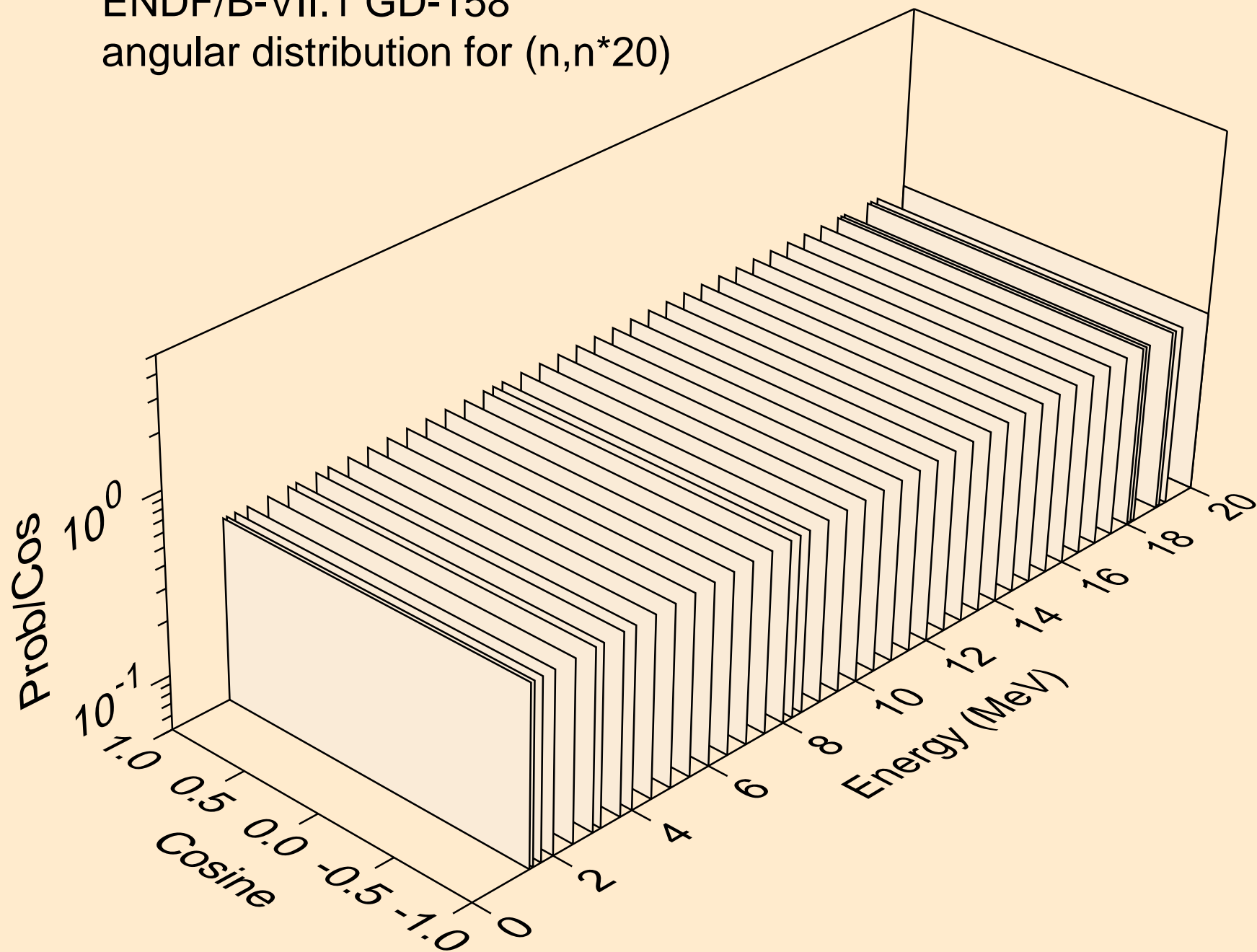




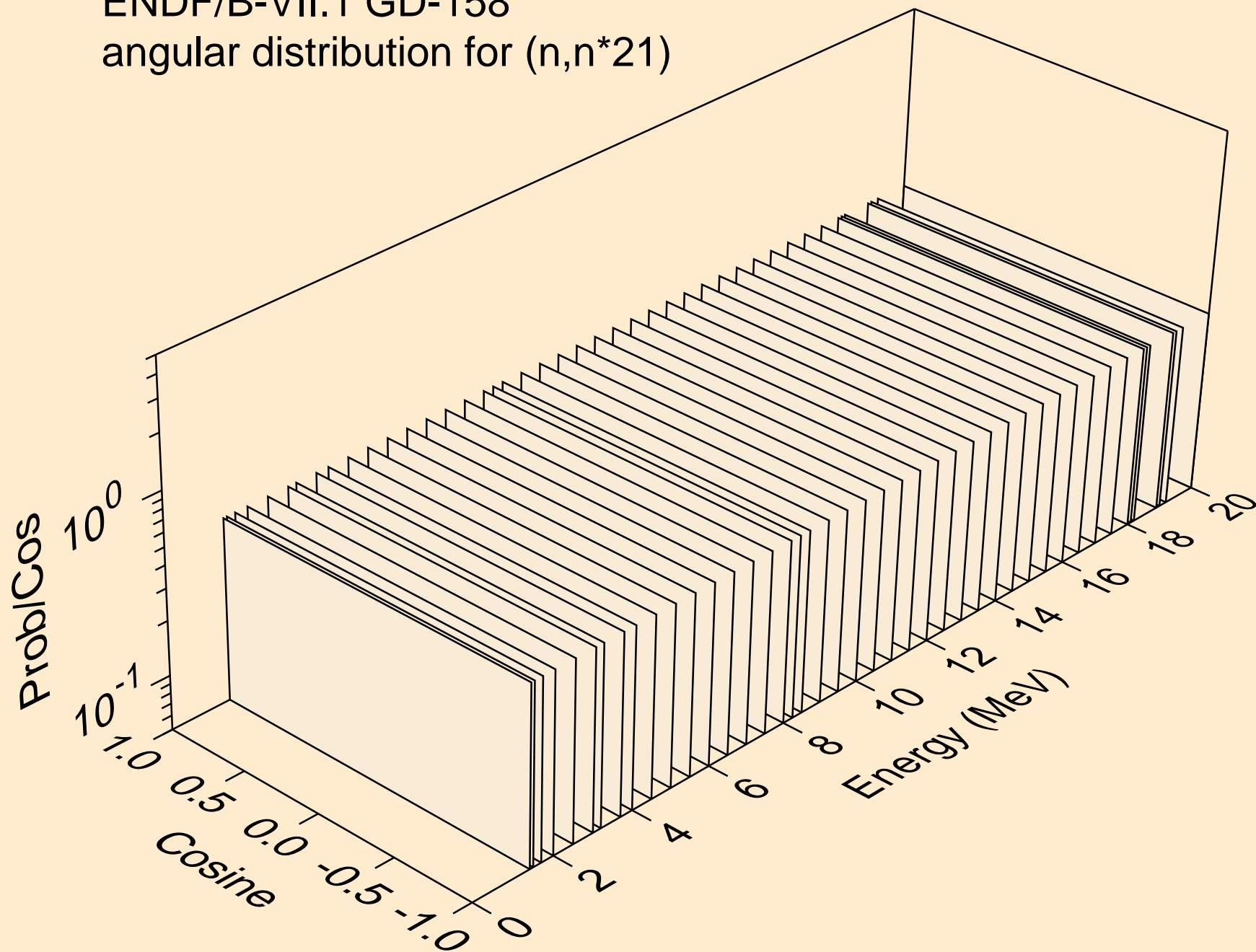
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*19)



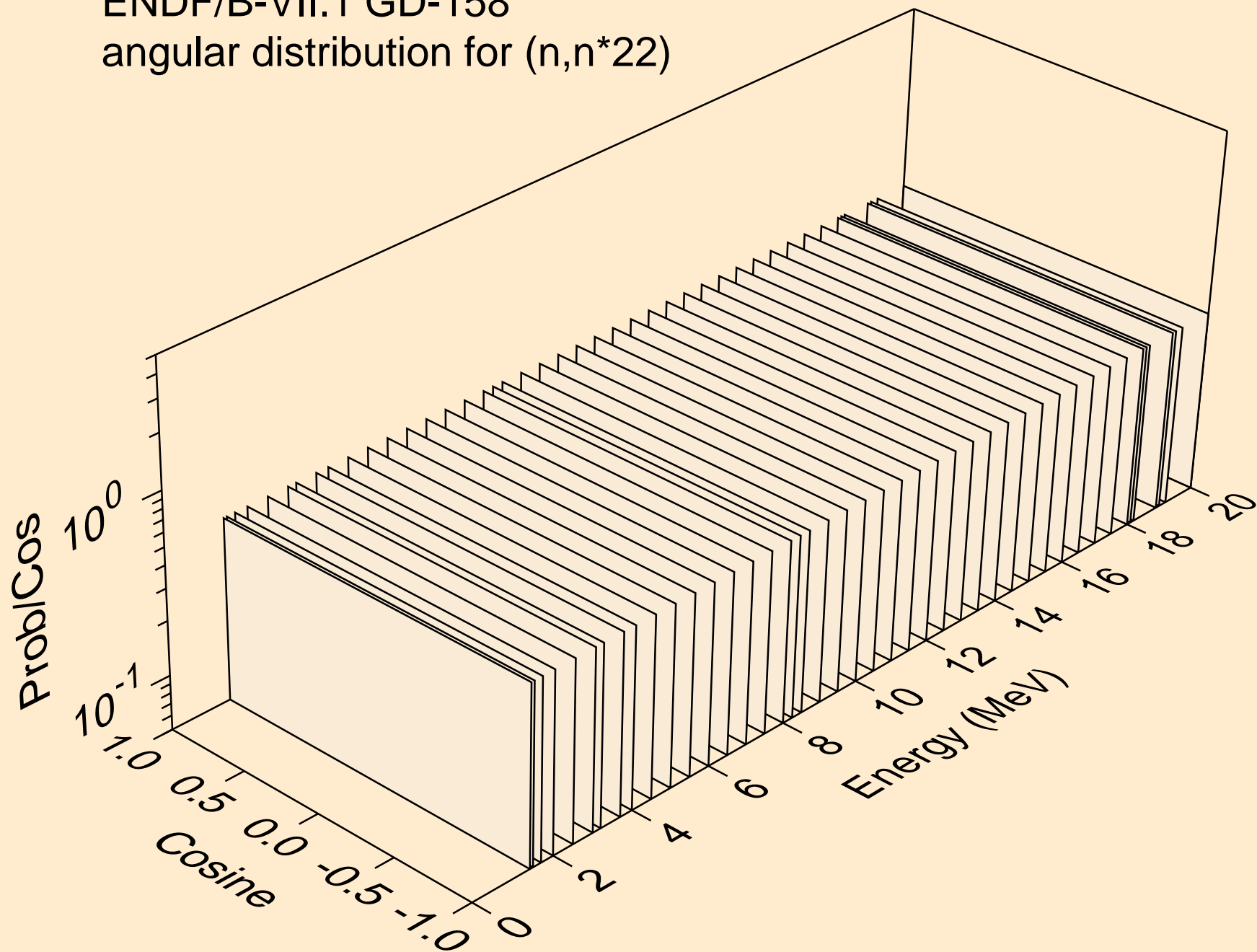
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*20)



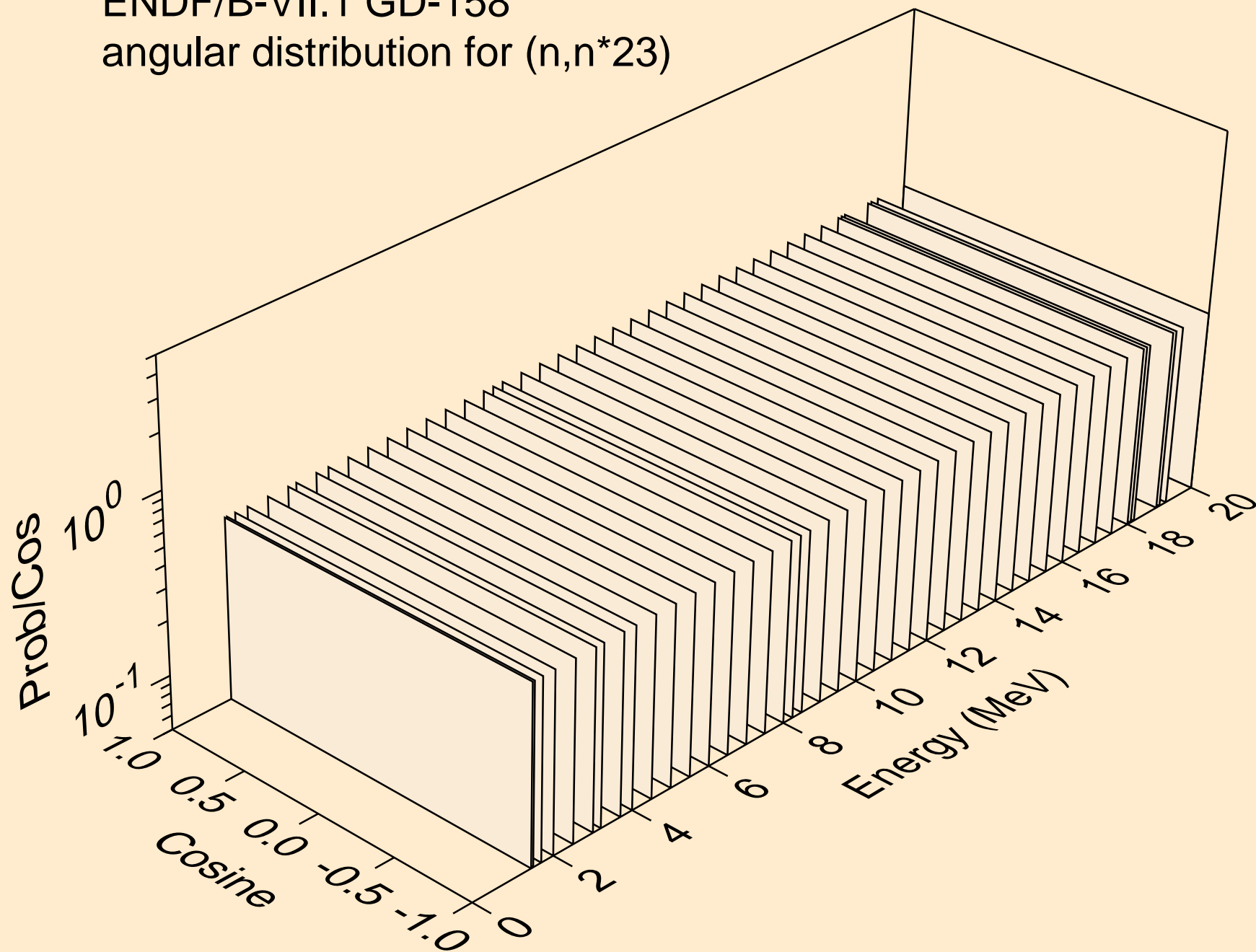
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*21)



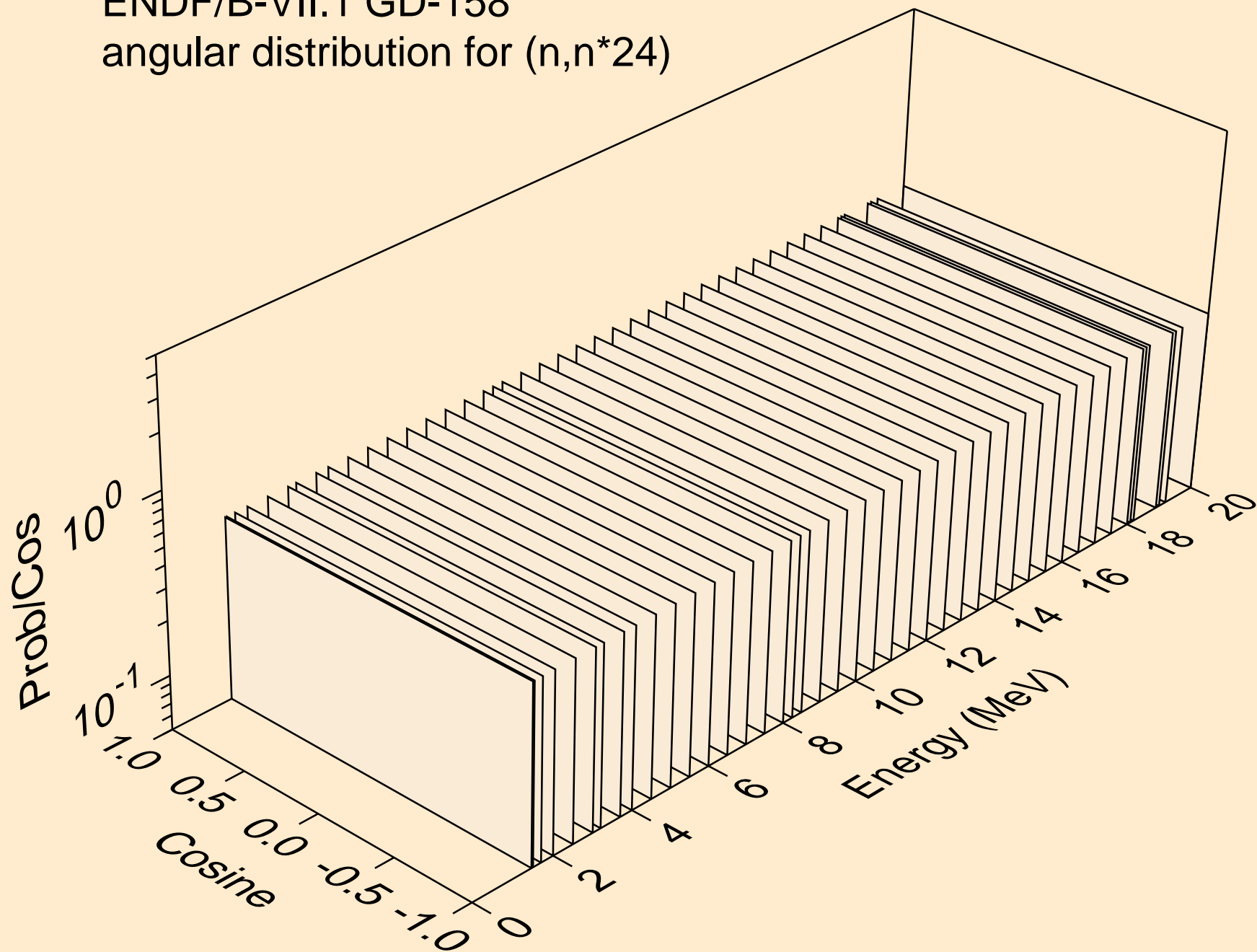
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*22)



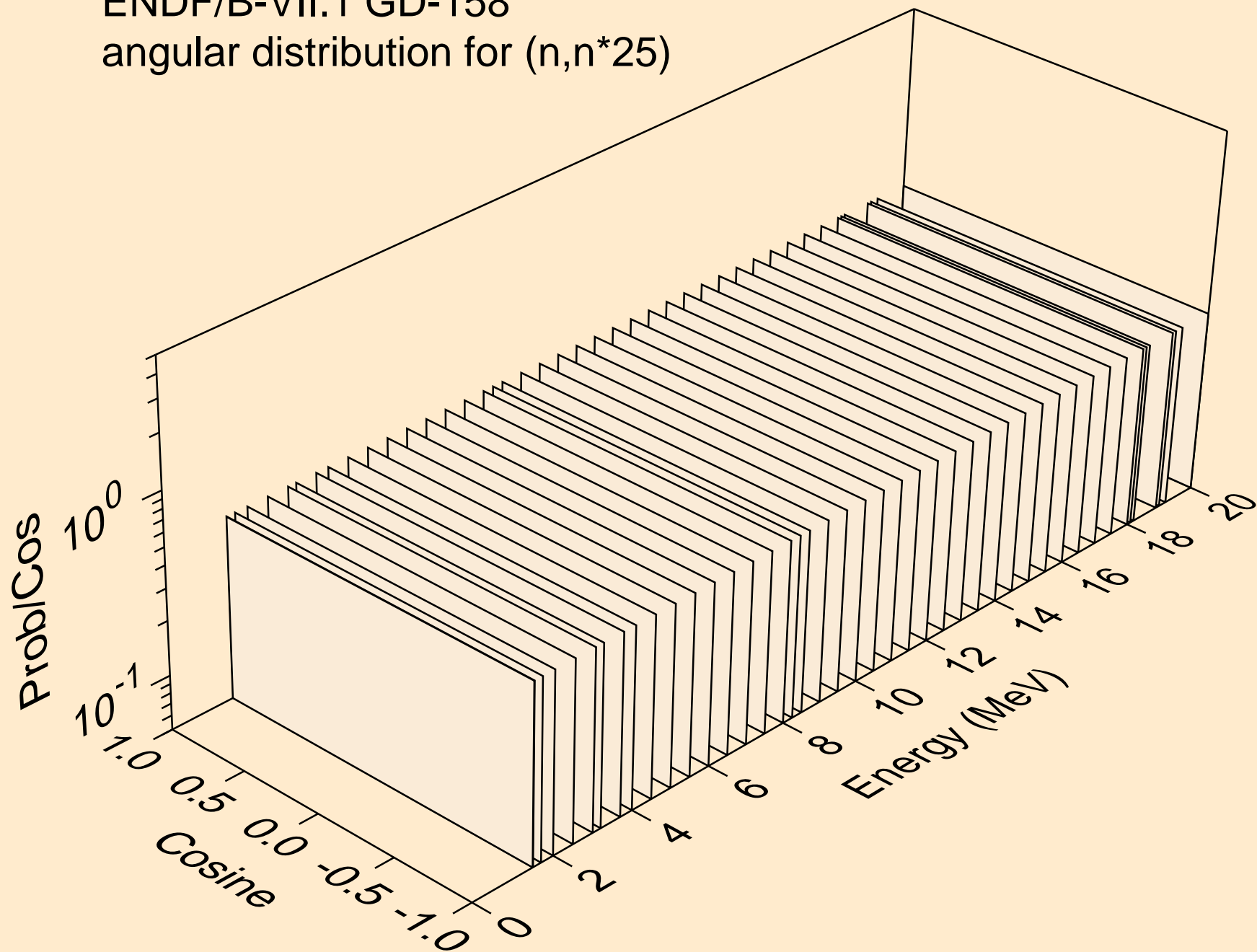
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angular distribution for (n,n\*23)



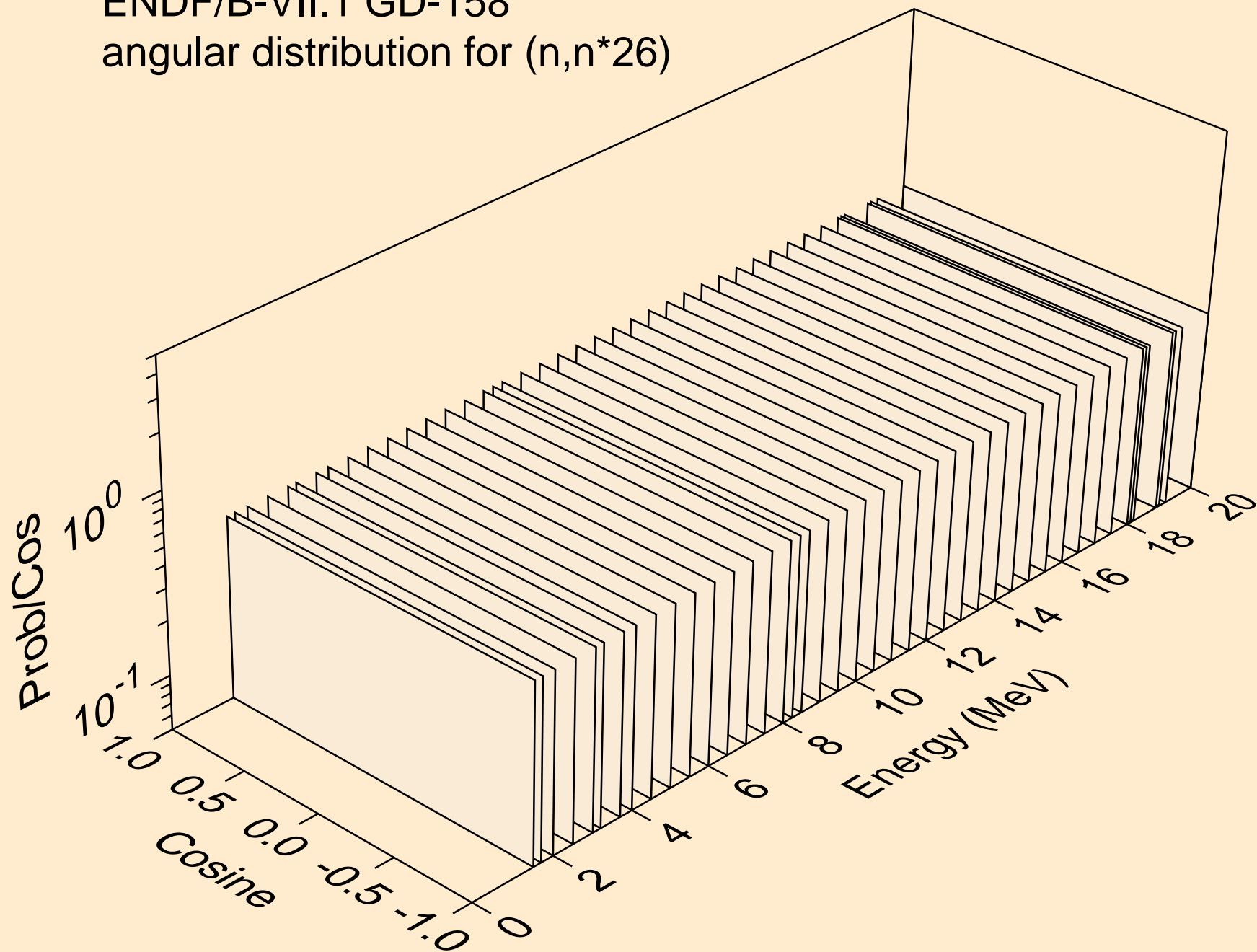
ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*24)



ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*25)

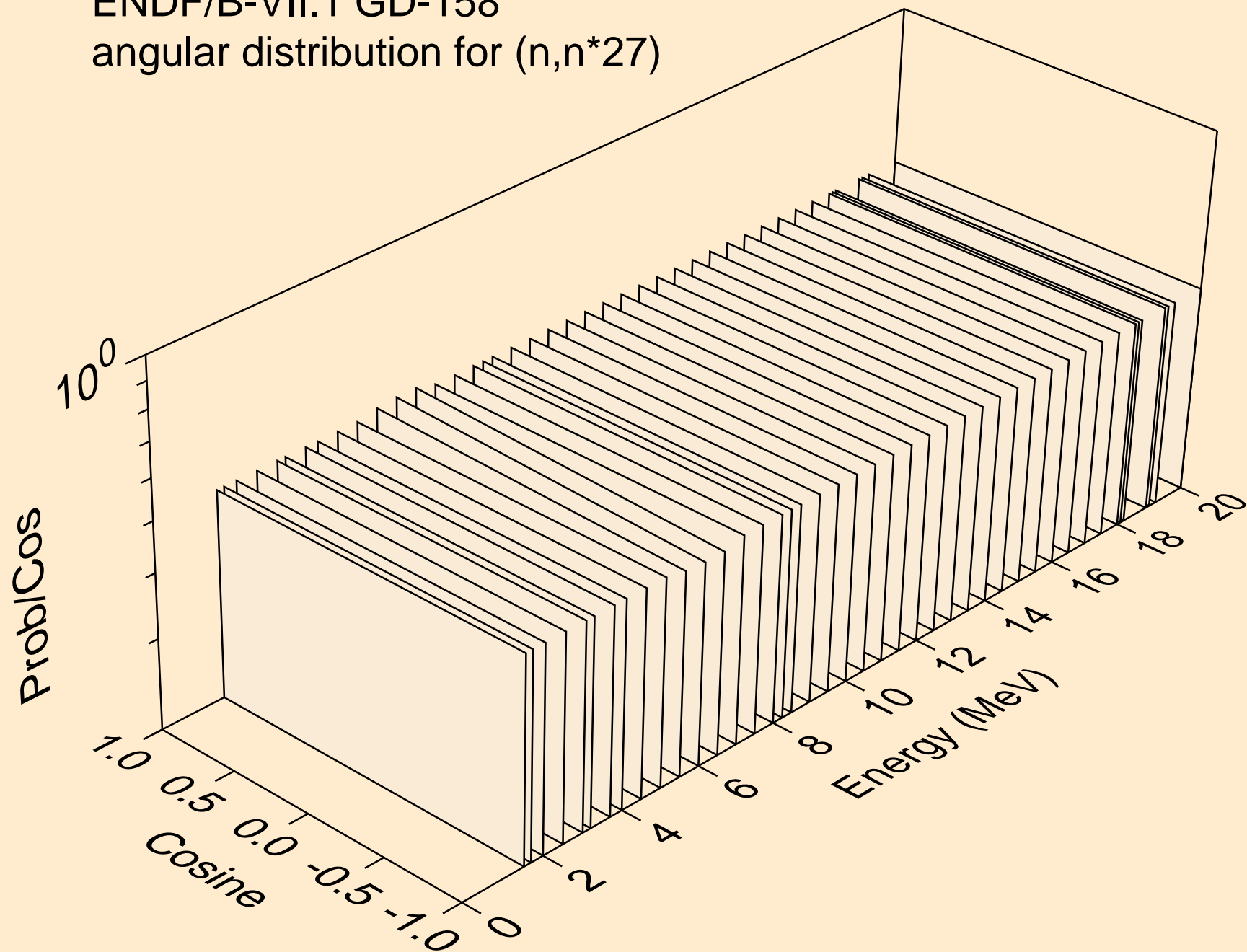


ENDF/B-VII.1 GD-158  
angular distribution for (n,n\*26)

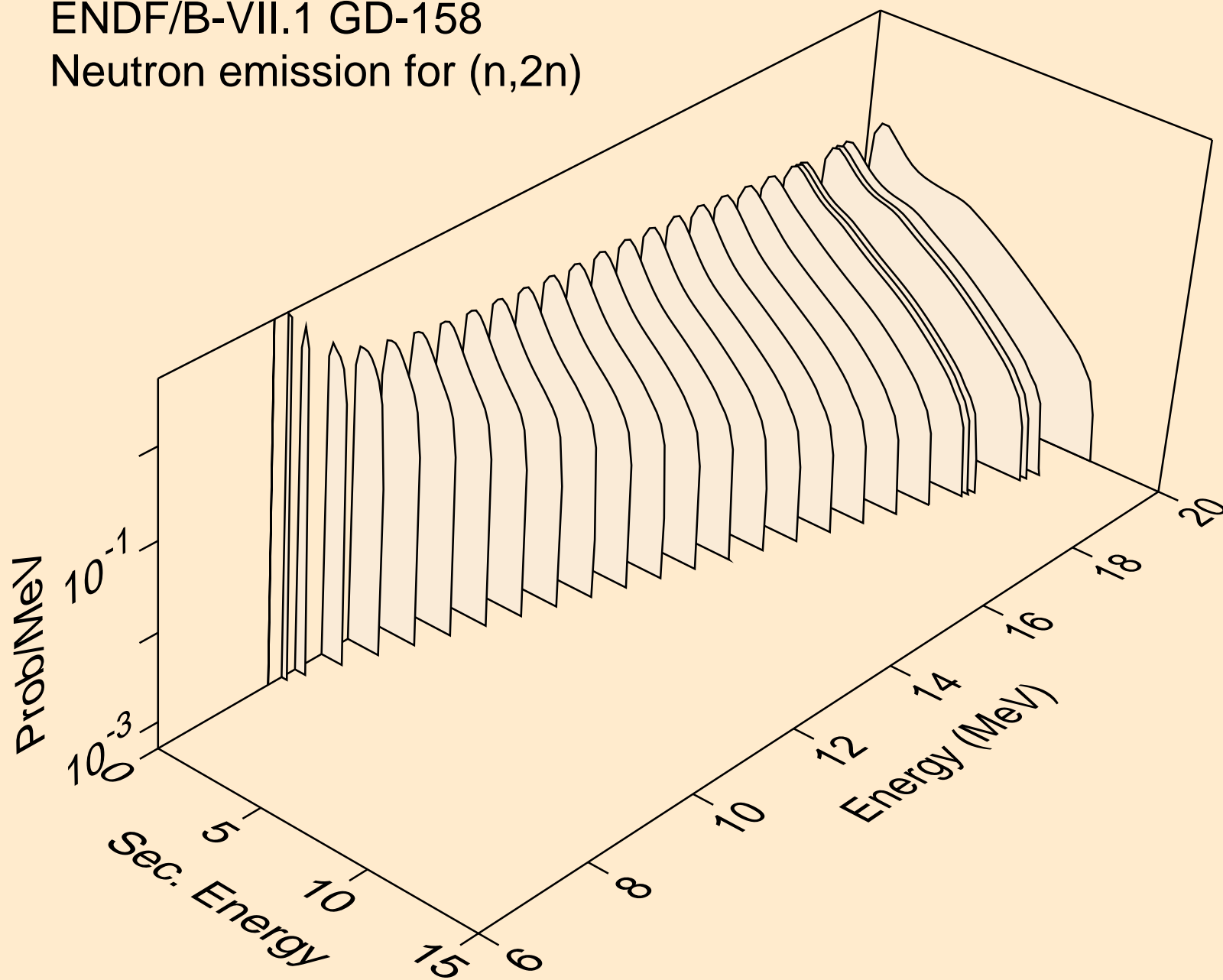




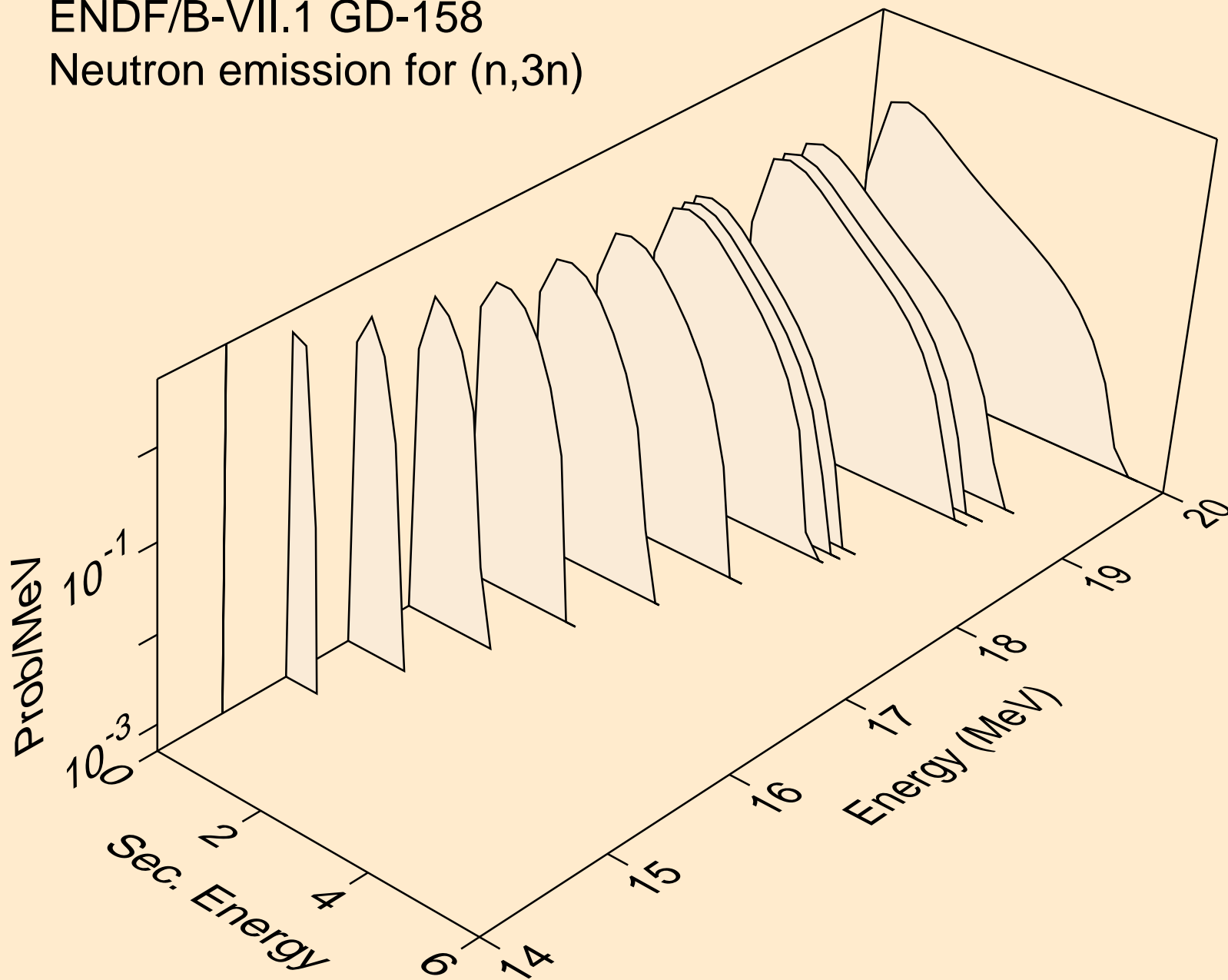
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angular distribution for (n,n\*27)



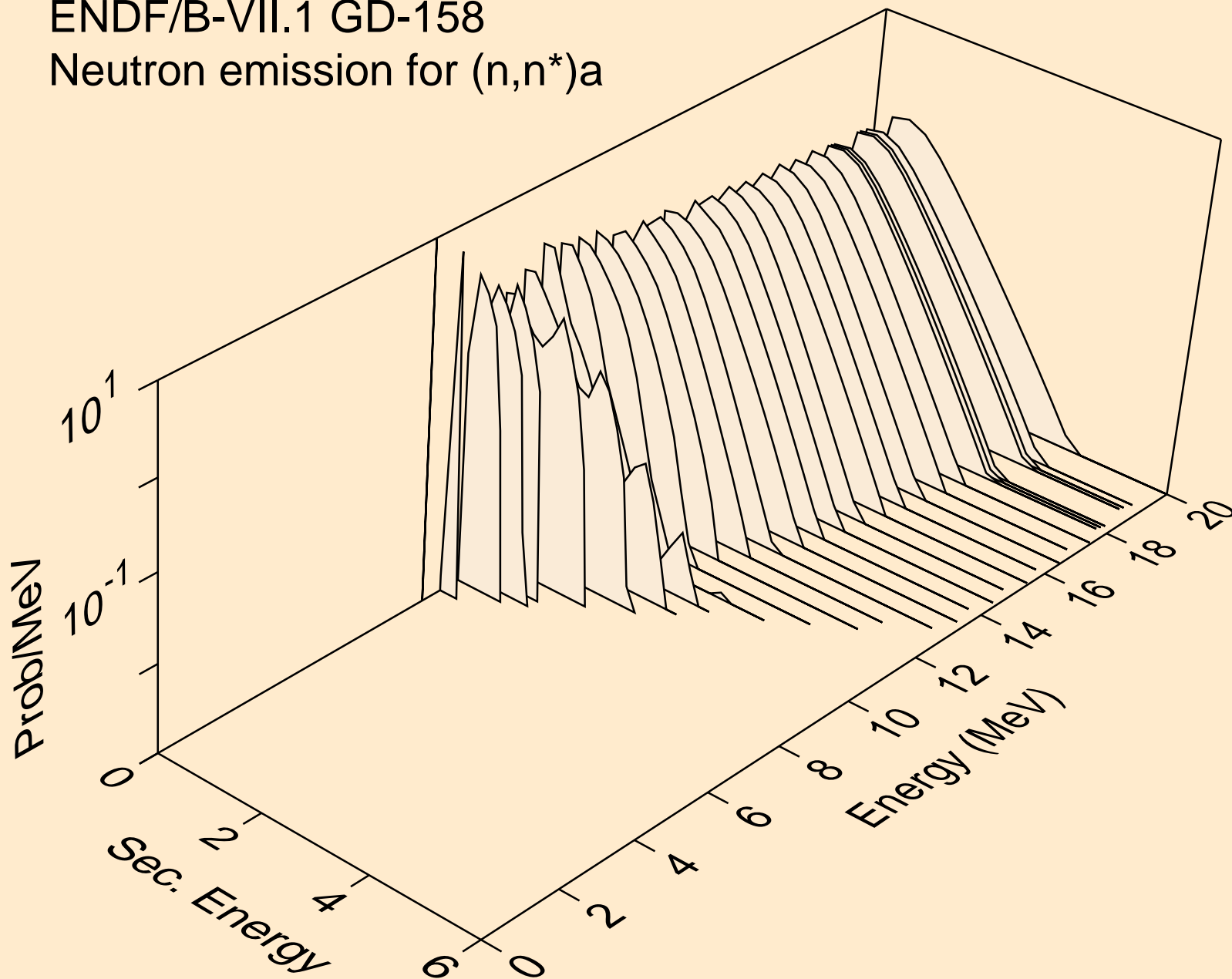
ENDF/B-VII.1 GD-158  
Neutron emission for (n,2n)



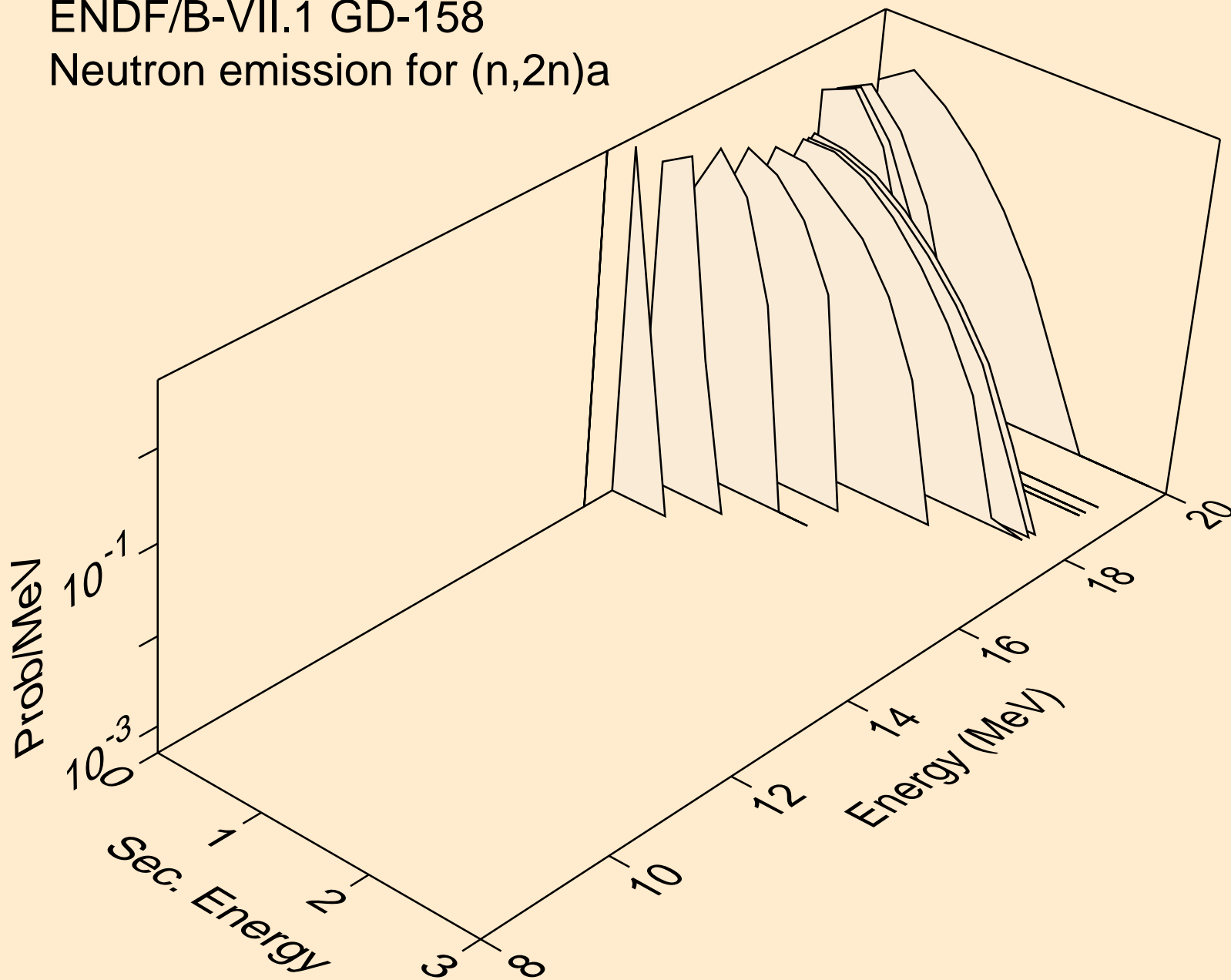
ENDF/B-VII.1 GD-158  
Neutron emission for (n,3n)



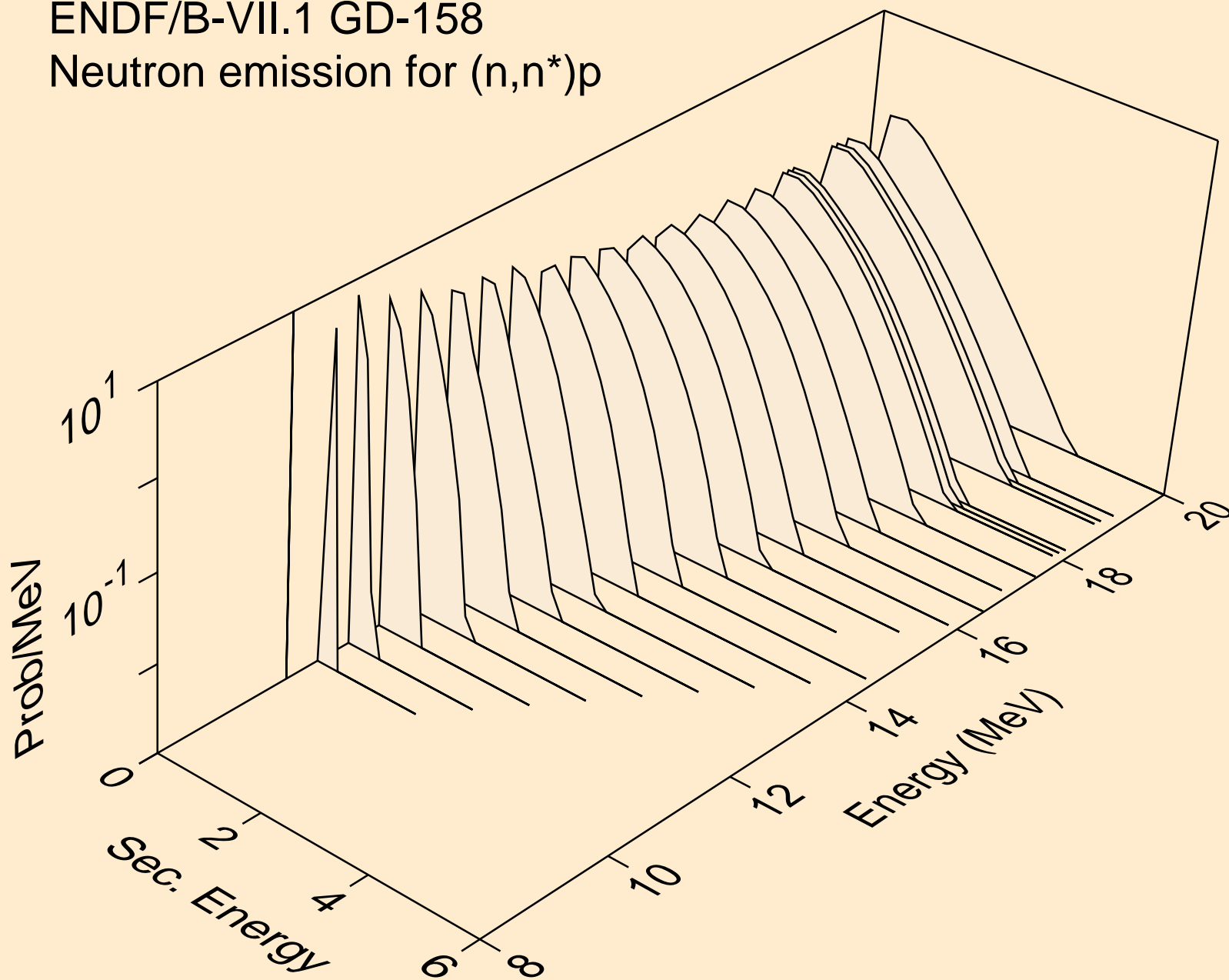
ENDF/B-VII.1 GD-158  
Neutron emission for (n,n\*)a



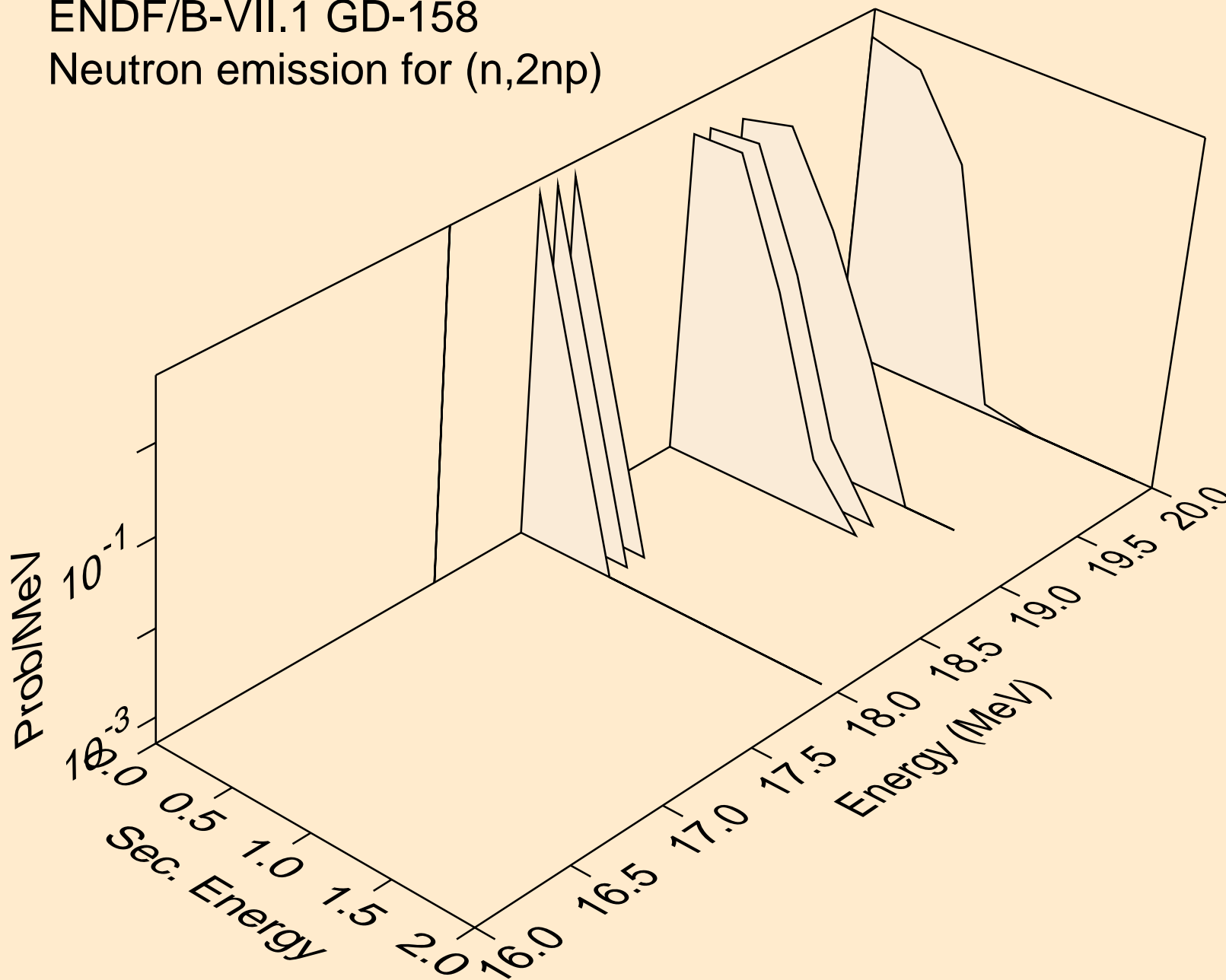
ENDF/B-VII.1 GD-158  
Neutron emission for (n,2n)a



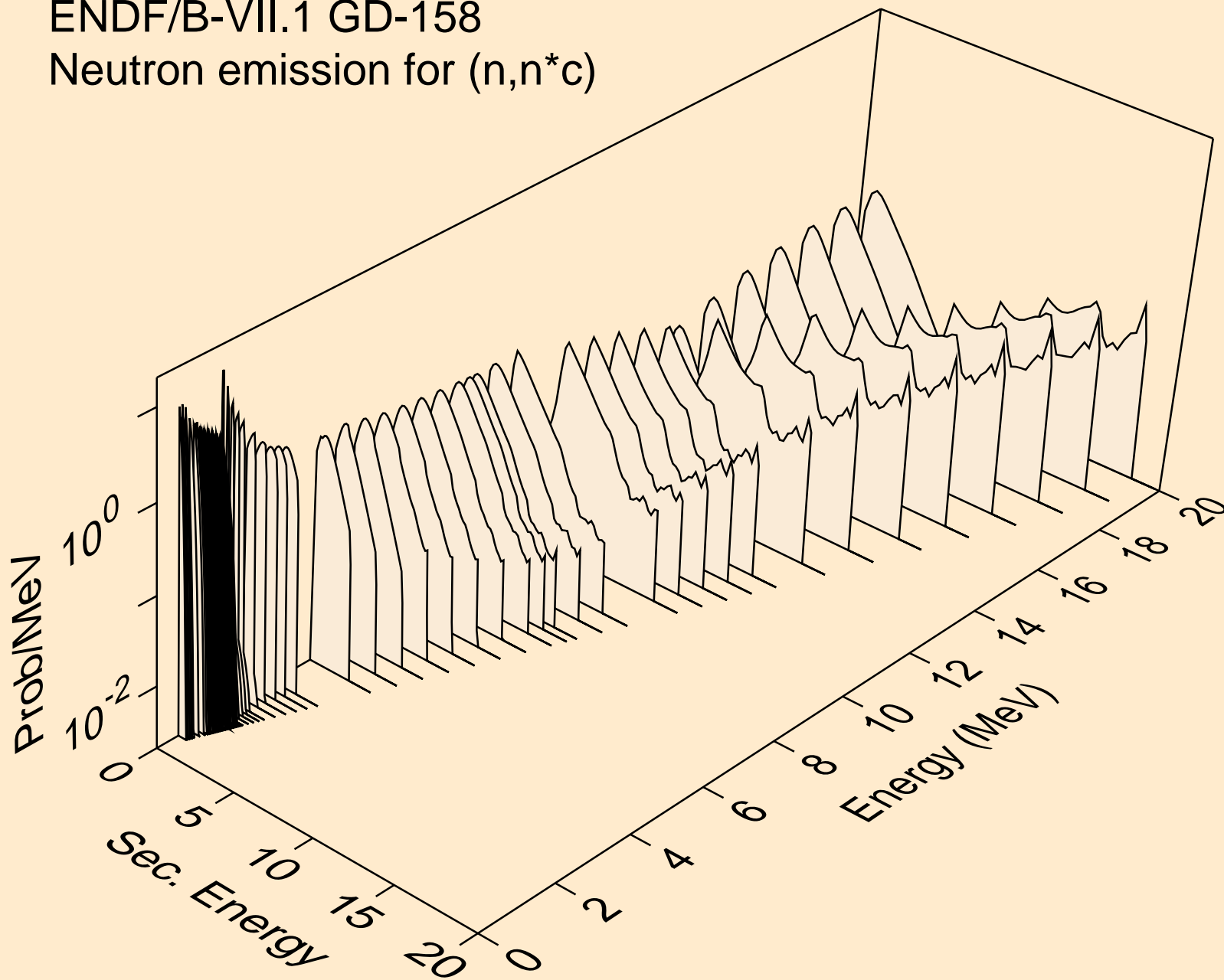
ENDF/B-VII.1 GD-158  
Neutron emission for (n,n\*)p



ENDF/B-VII.1 GD-158  
Neutron emission for (n,2np)

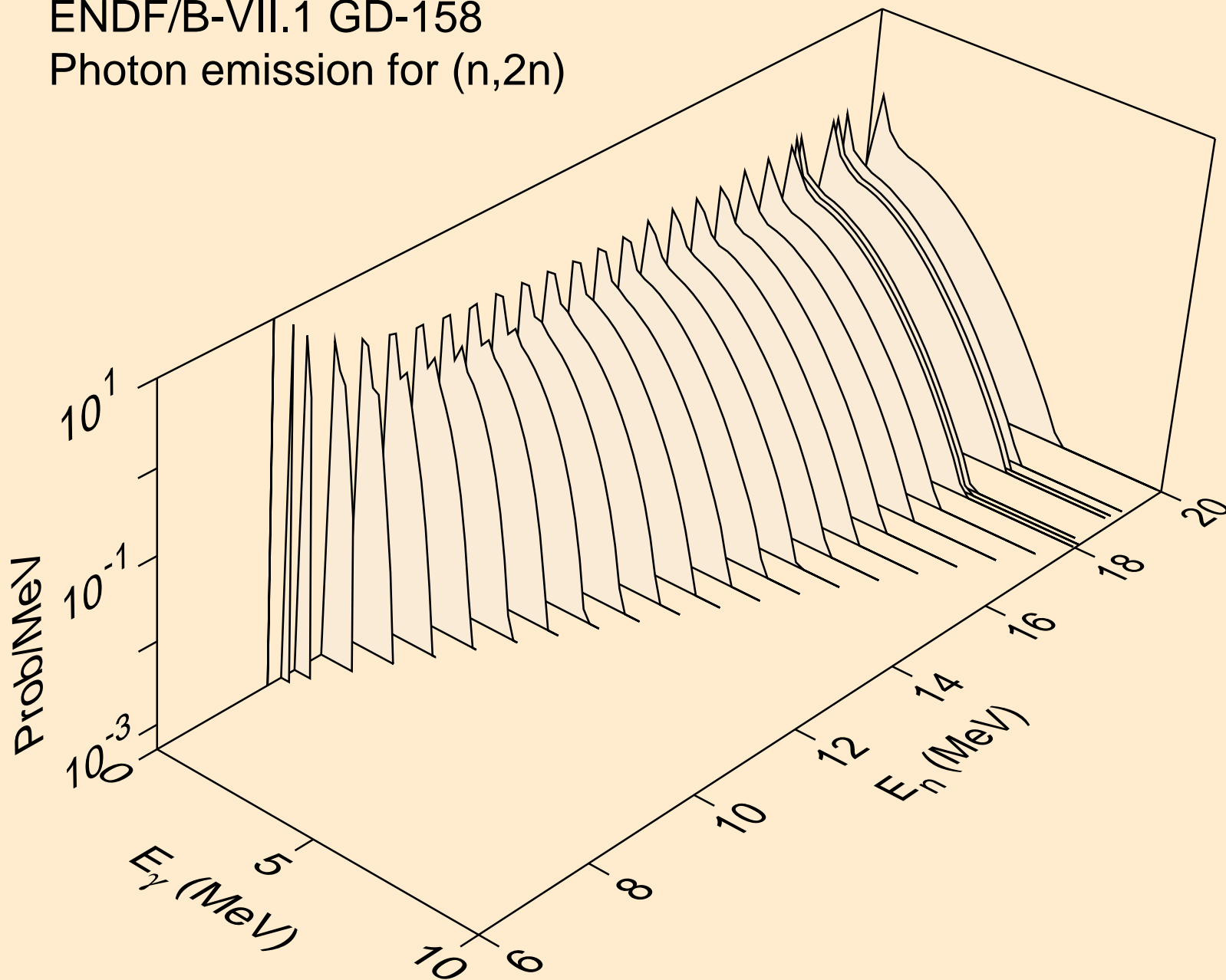


ENDF/B-VII.1 GD-158  
Neutron emission for (n,n\*c)

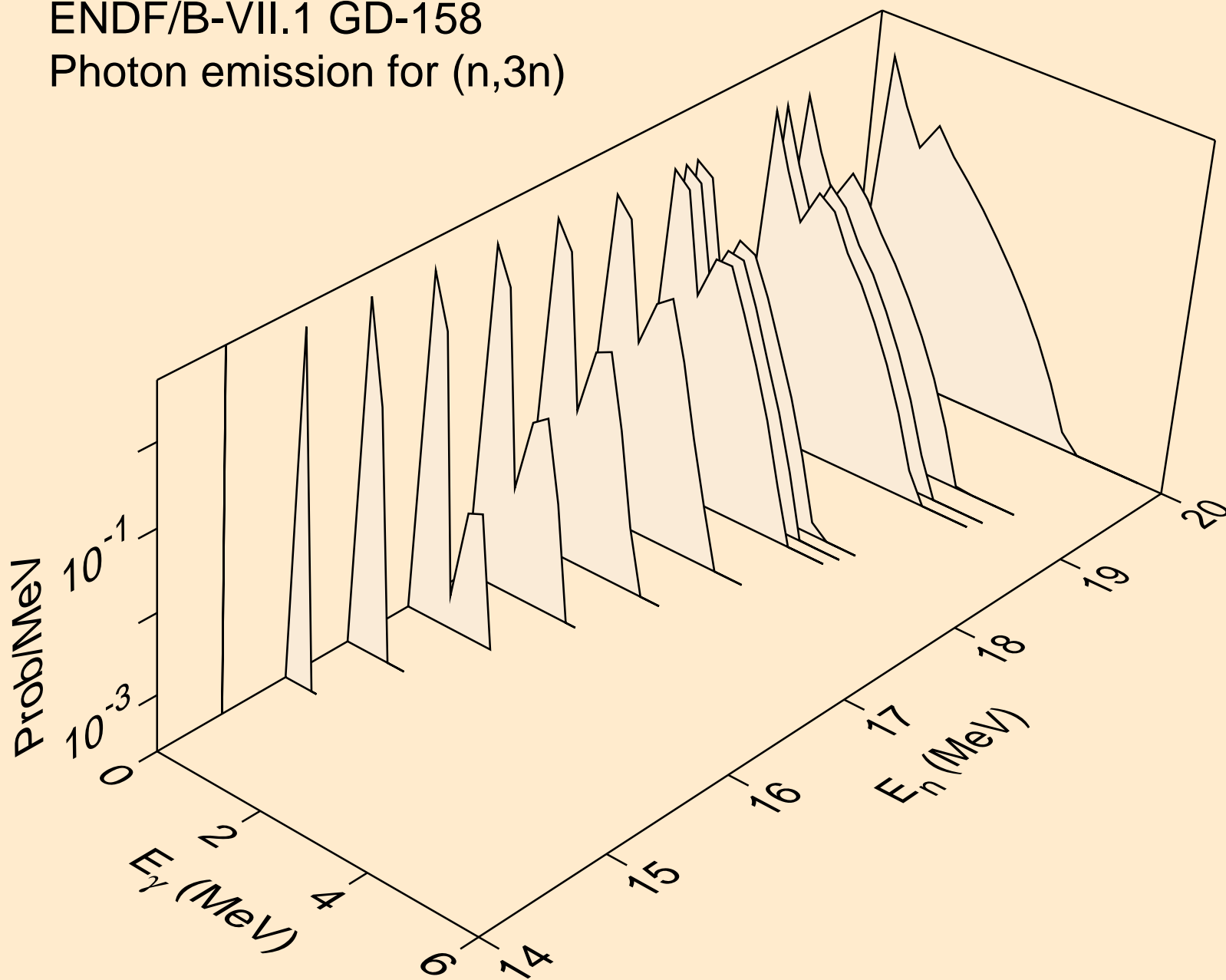




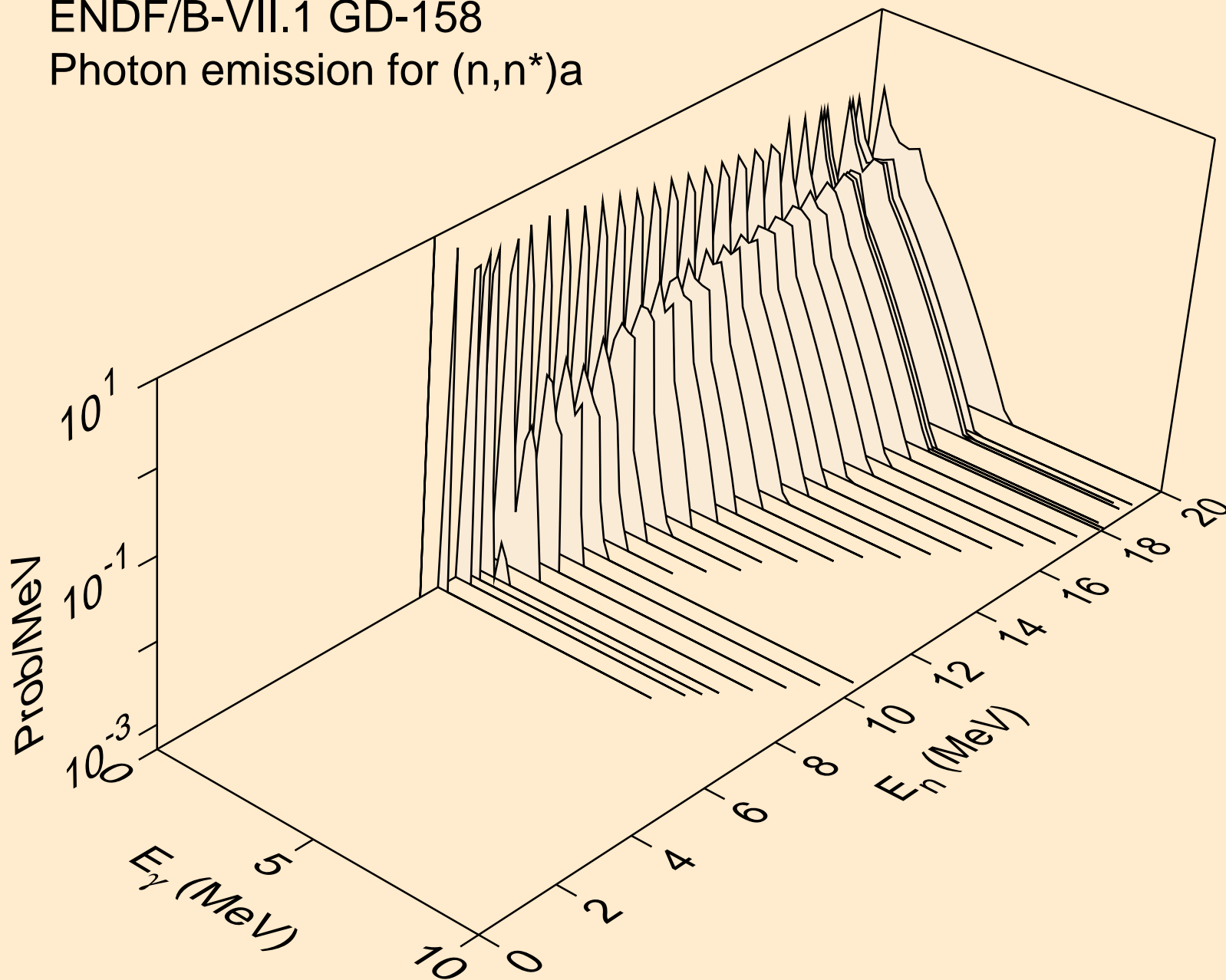
ENDF/B-VII.1 GD-158  
Photon emission for (n,2n)



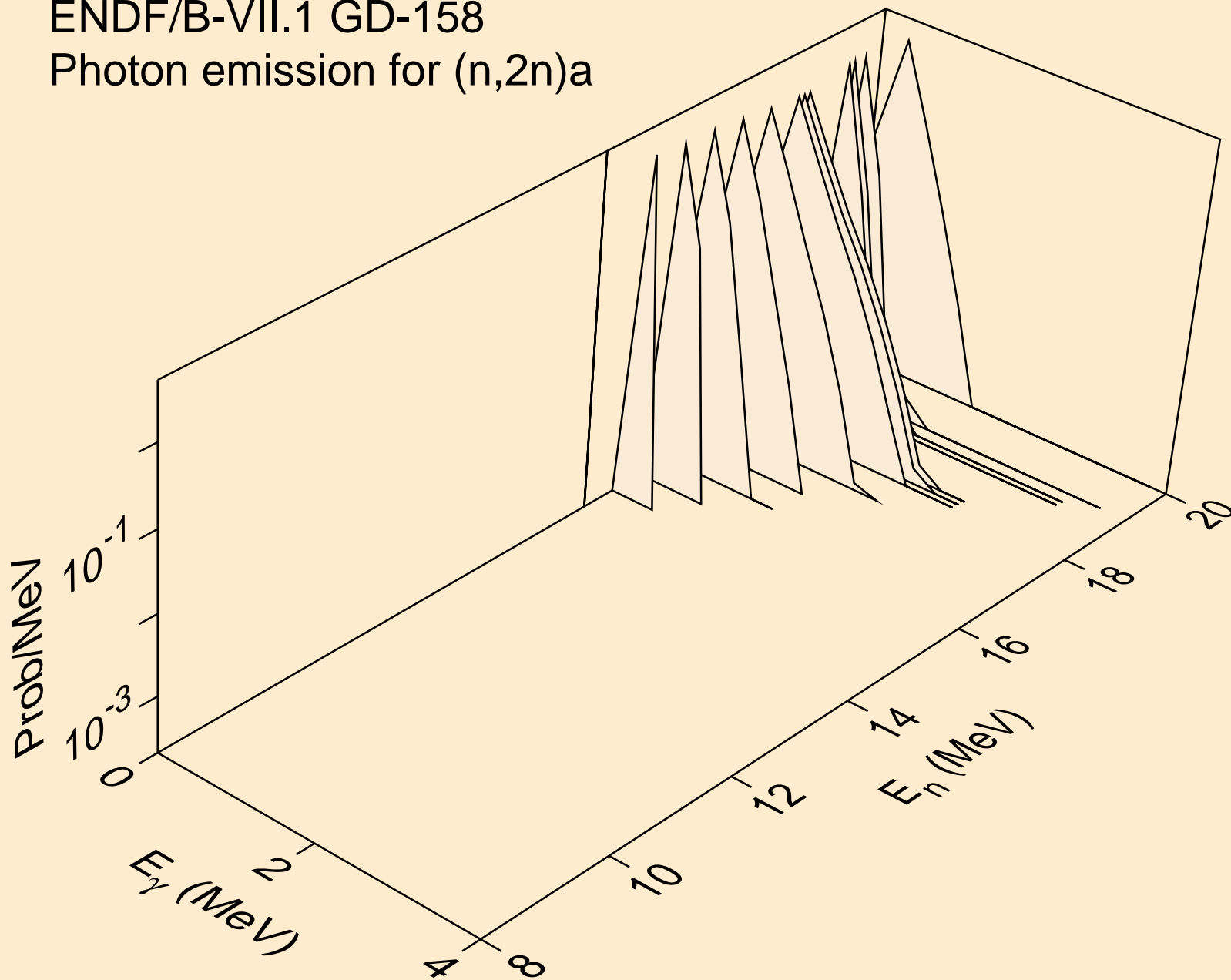
ENDF/B-VII.1 GD-158  
Photon emission for (n,3n)



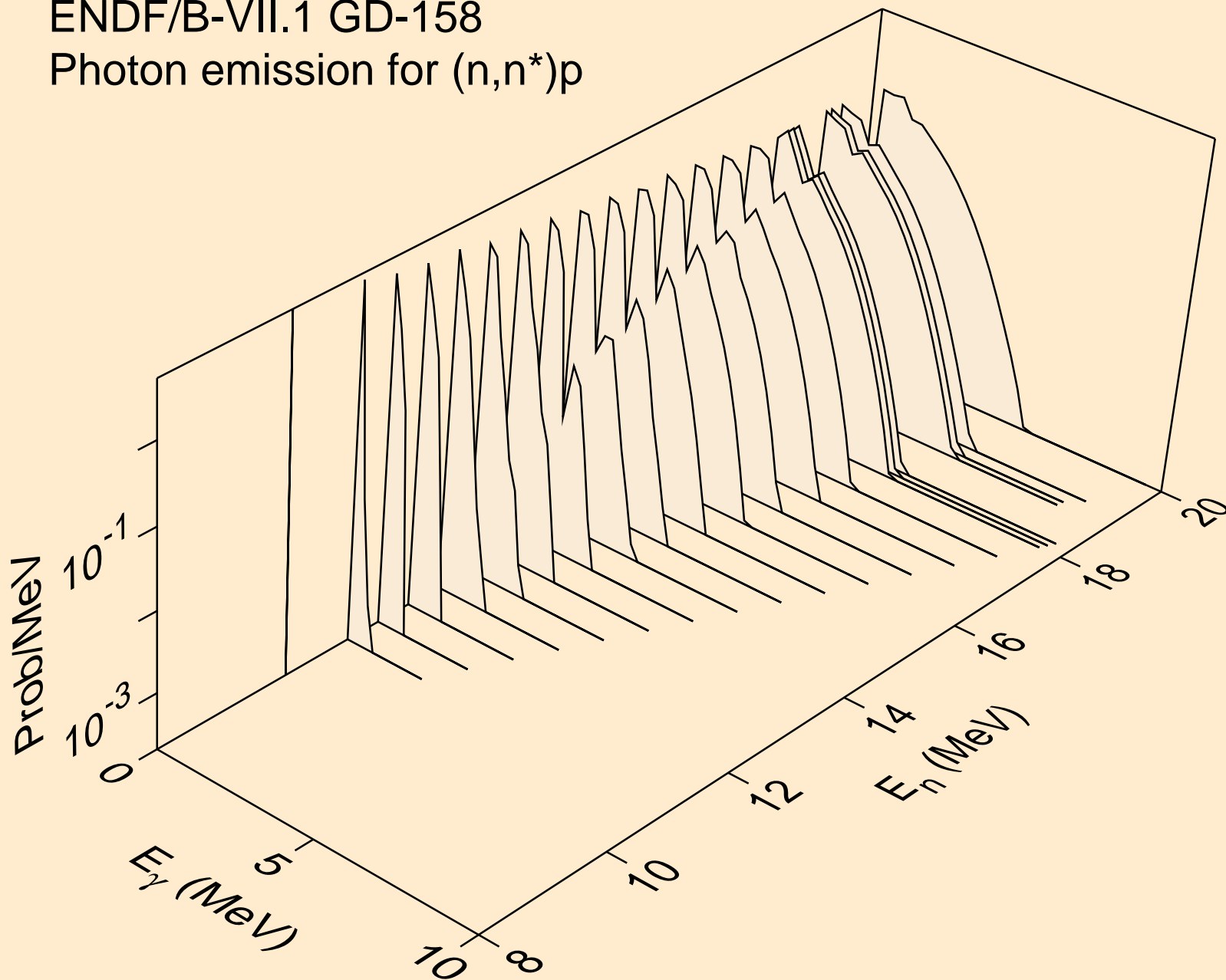
ENDF/B-VII.1 GD-158  
Photon emission for (n,n\*)a



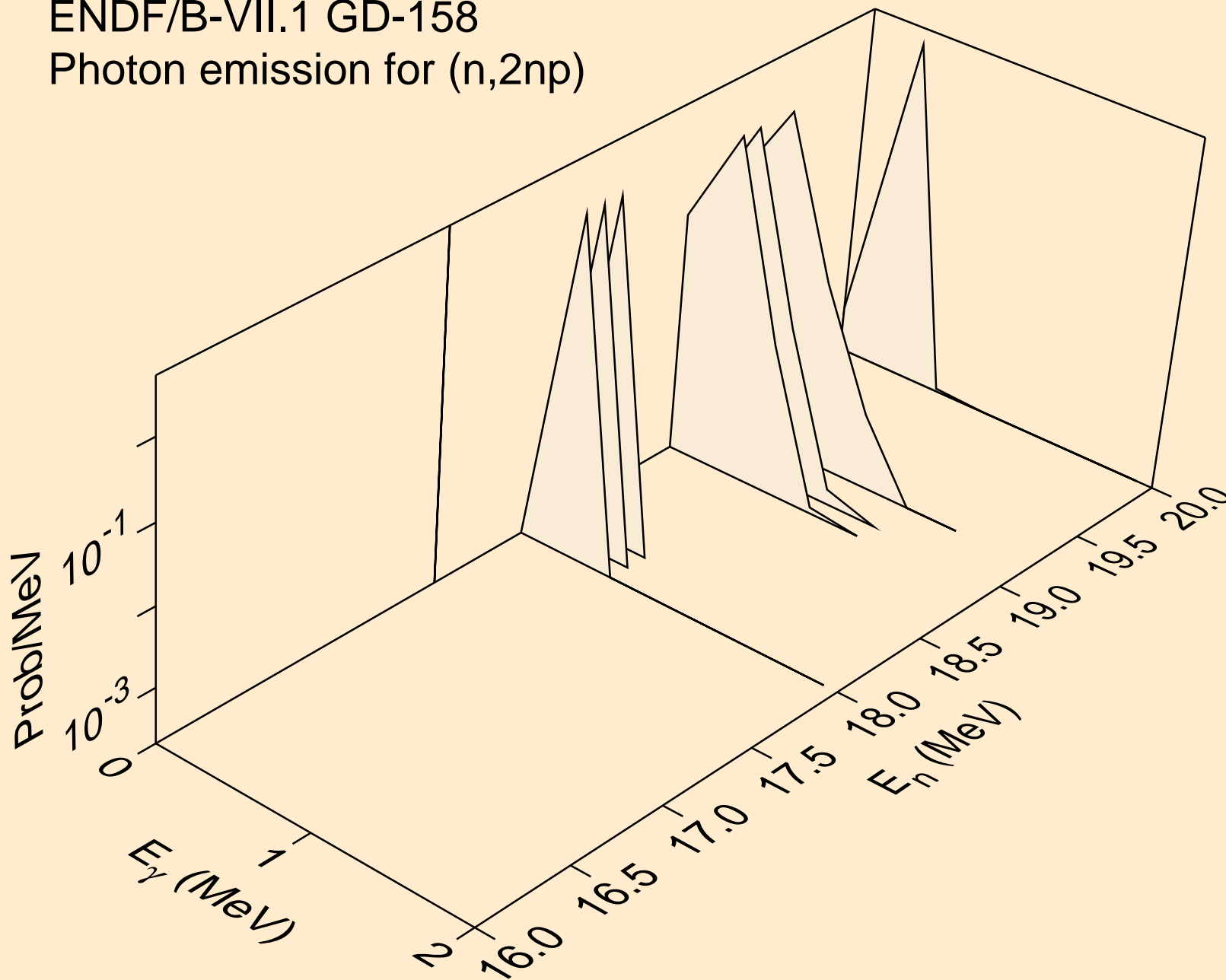
ENDF/B-VII.1 GD-158  
Photon emission for (n,2n)a



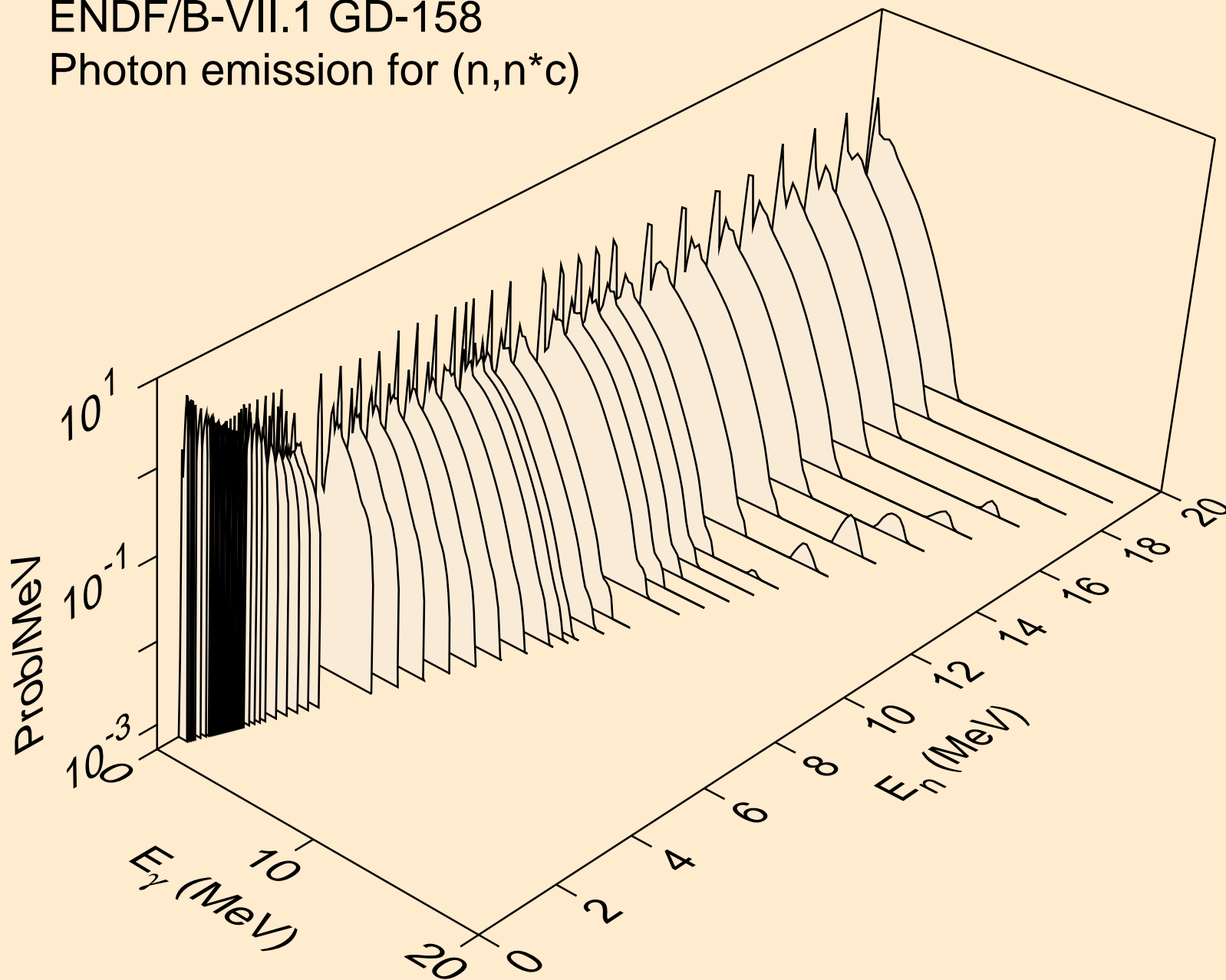
ENDF/B-VII.1 GD-158  
Photon emission for (n,n\*)p



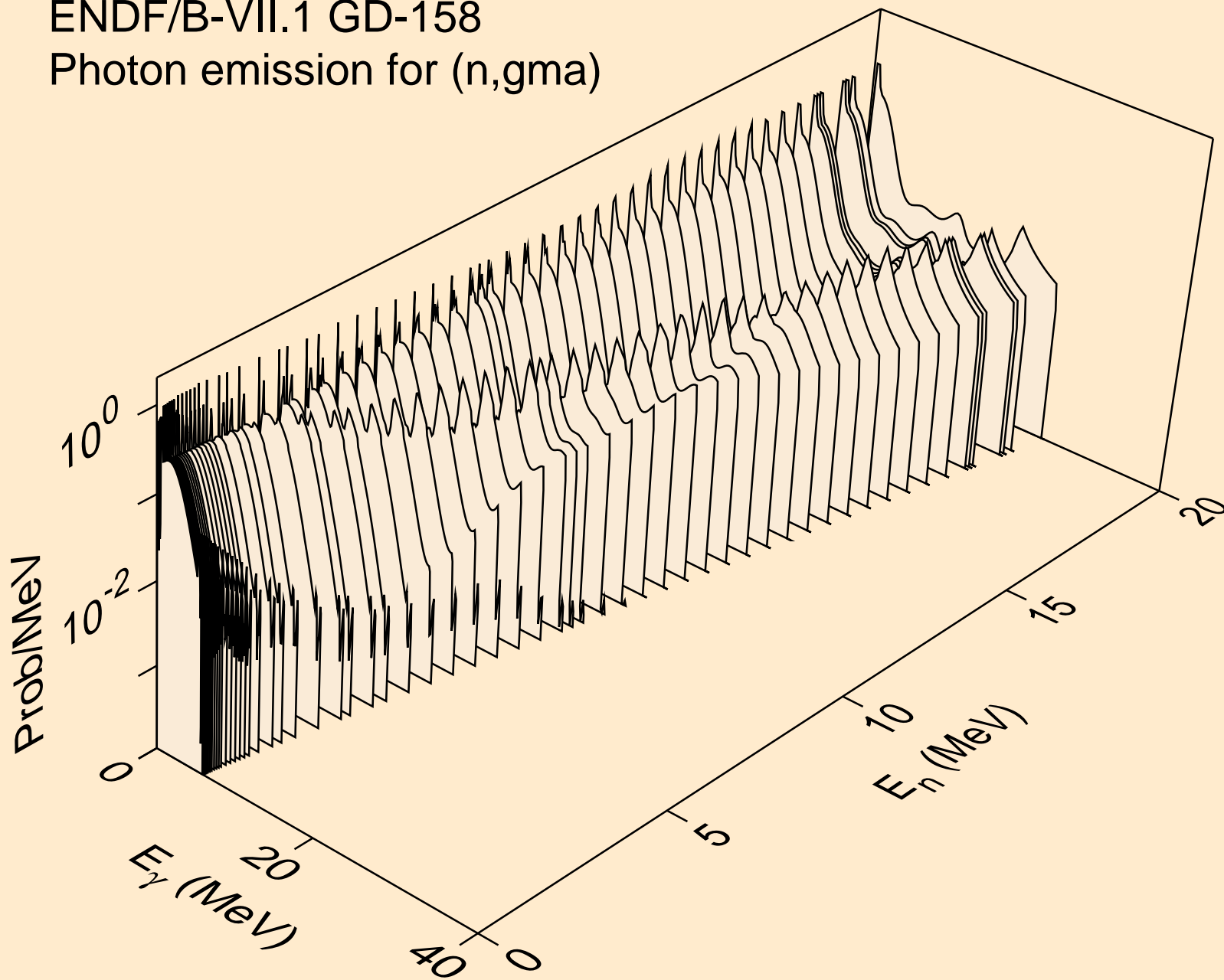
ENDF/B-VII.1 GD-158  
Photon emission for (n,2np)



ENDF/B-VII.1 GD-158  
Photon emission for (n,n\*c)

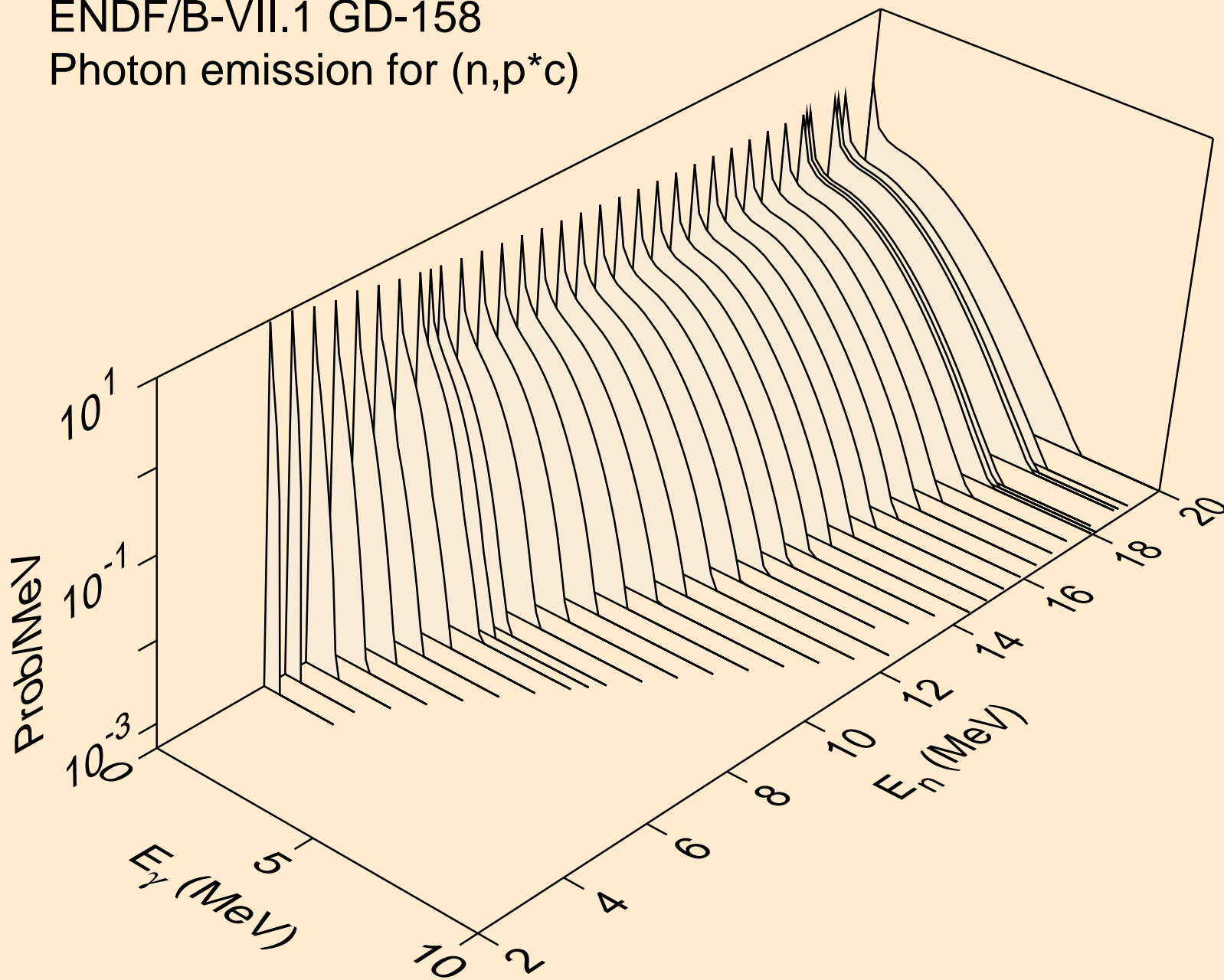


ENDF/B-VII.1 GD-158  
Photon emission for (n,gma)

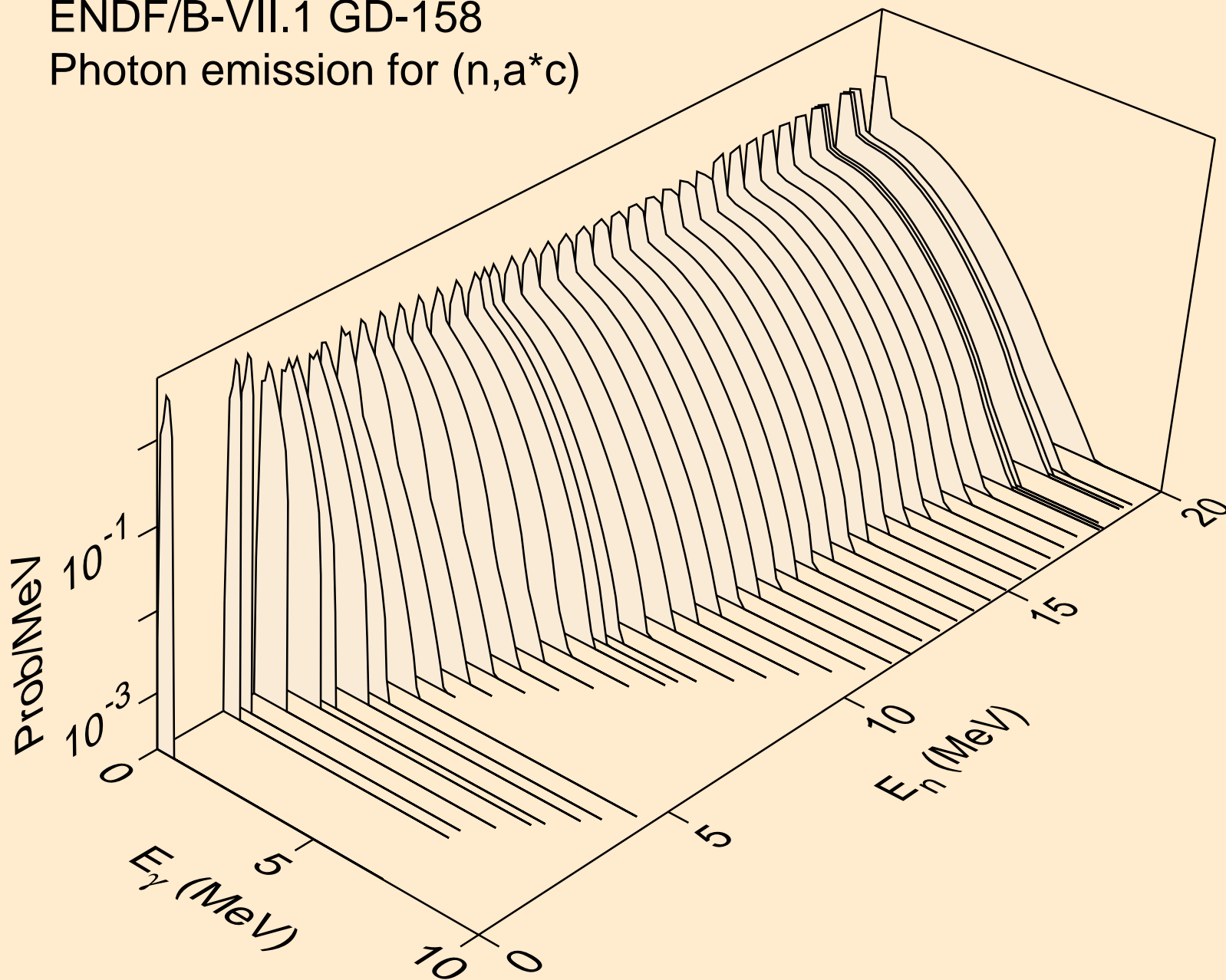




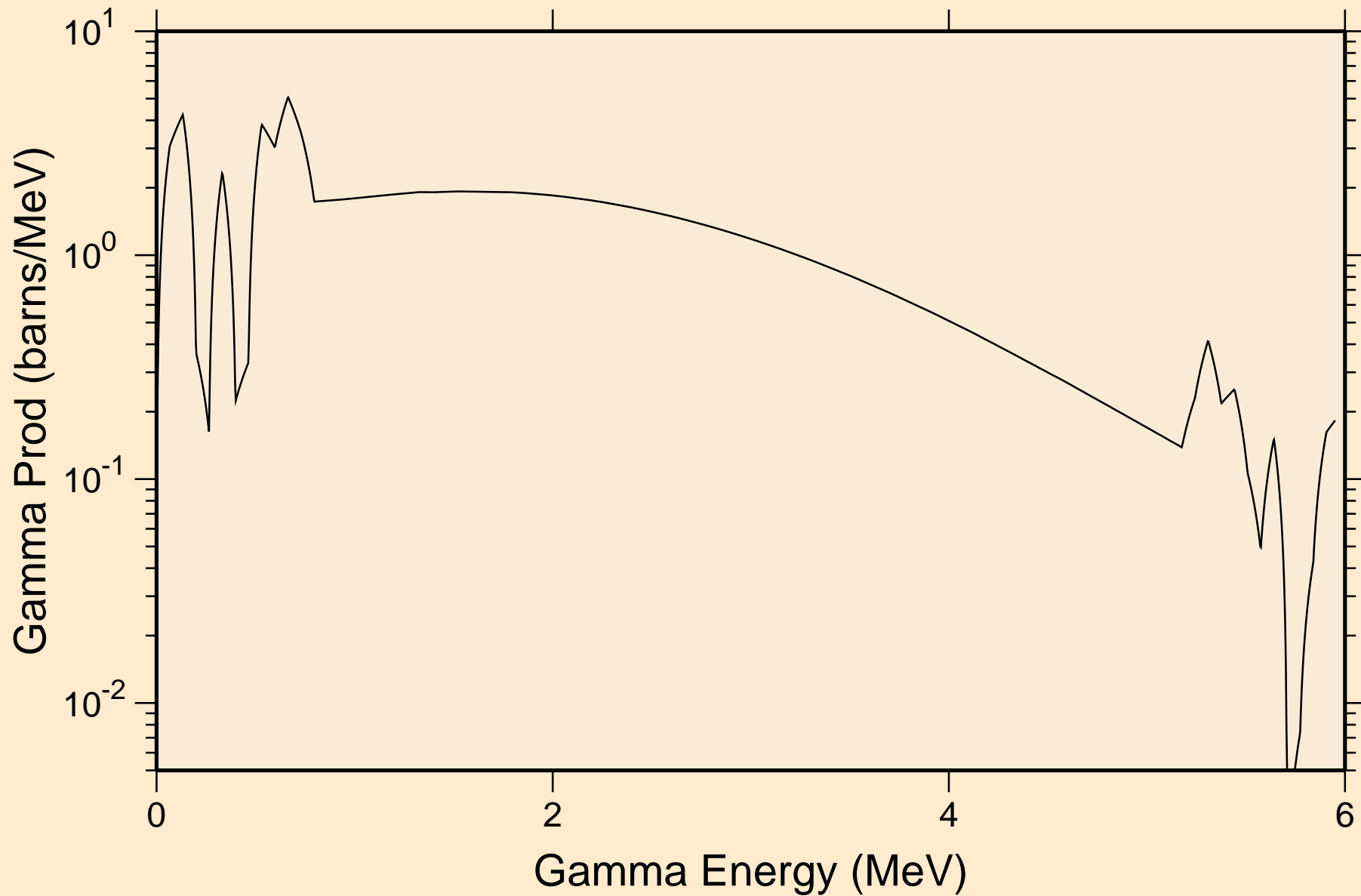
ENDF/B-VII.1 GD-158  
Photon emission for (n,p\*c)



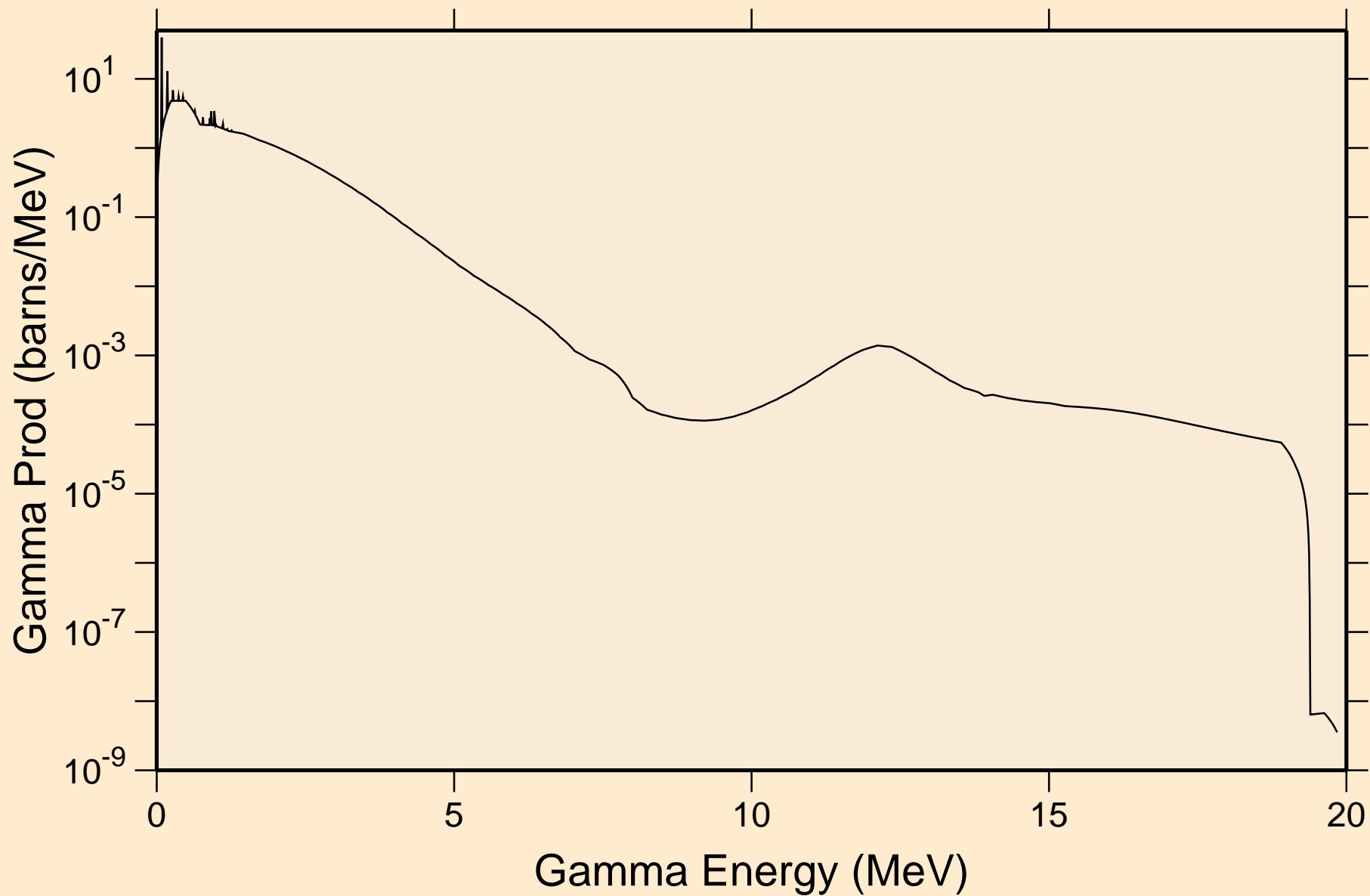
ENDF/B-VII.1 GD-158  
Photon emission for (n,a\*c)



ENDF/B-VII.1 GD-158  
thermal capture photon spectrum

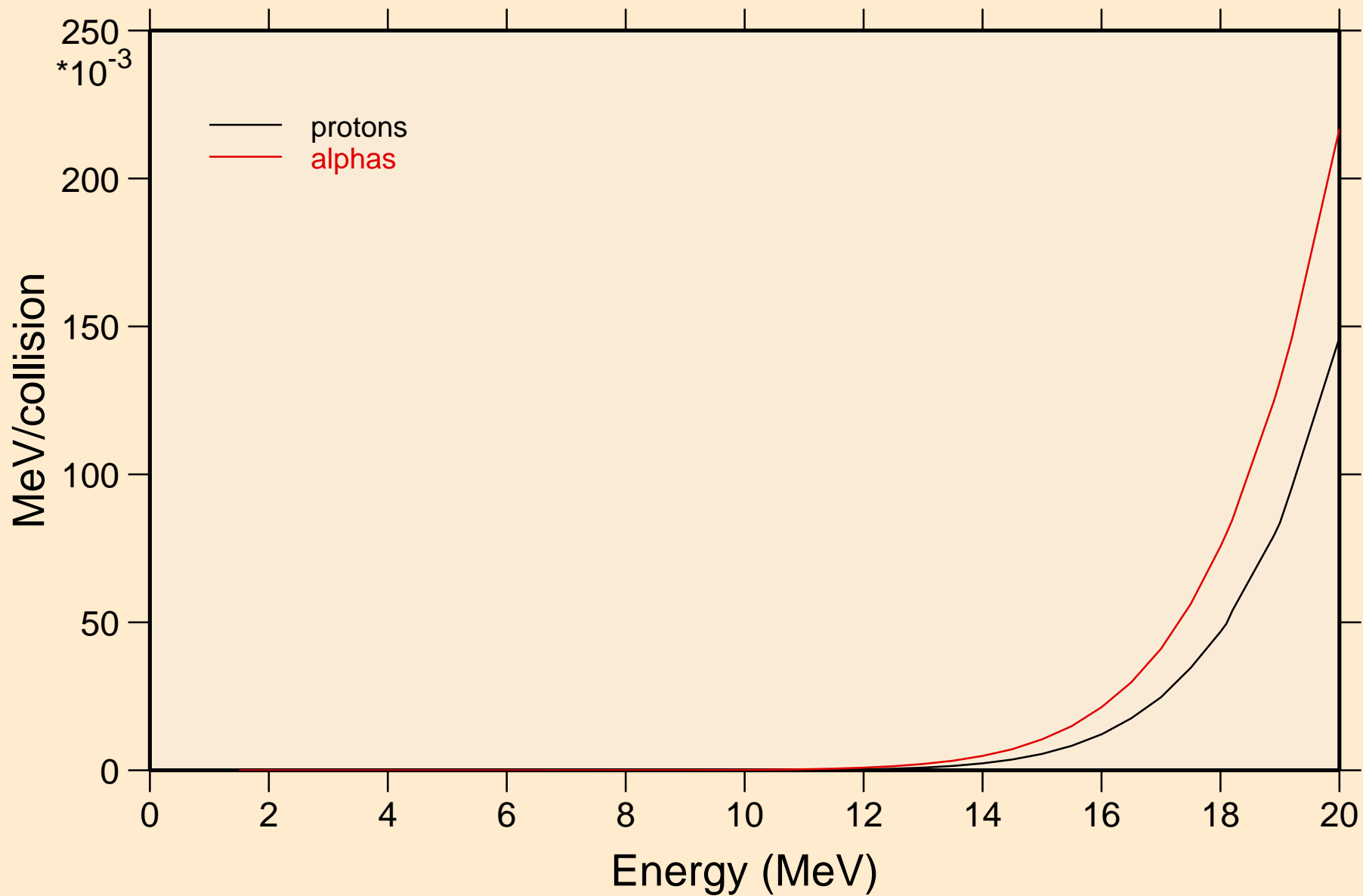


ENDF/B-VII.1 GD-158  
14 MeV photon spectrum



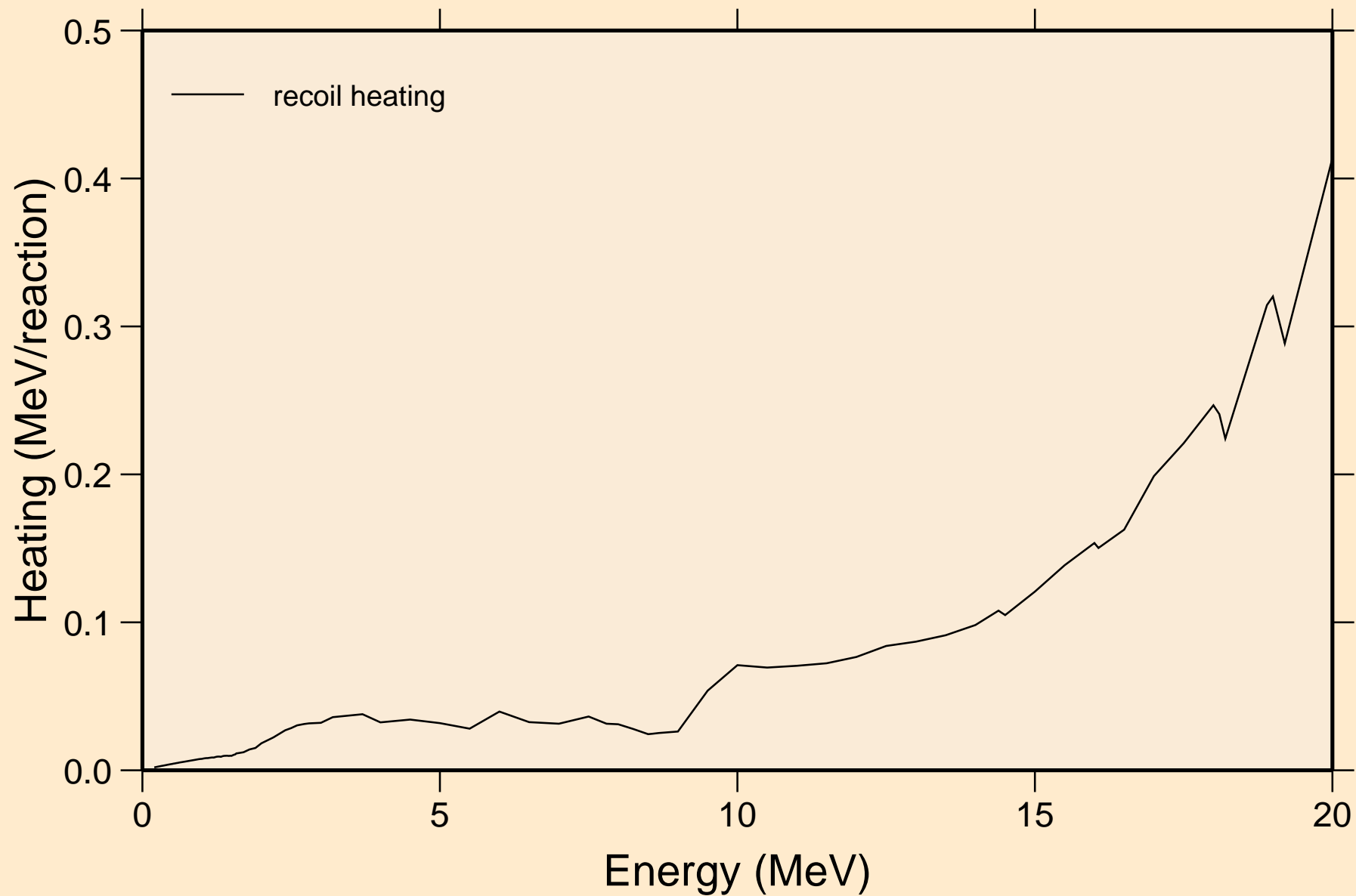
# ENDF/B-VII.1 GD-158

## Particle heating contributions



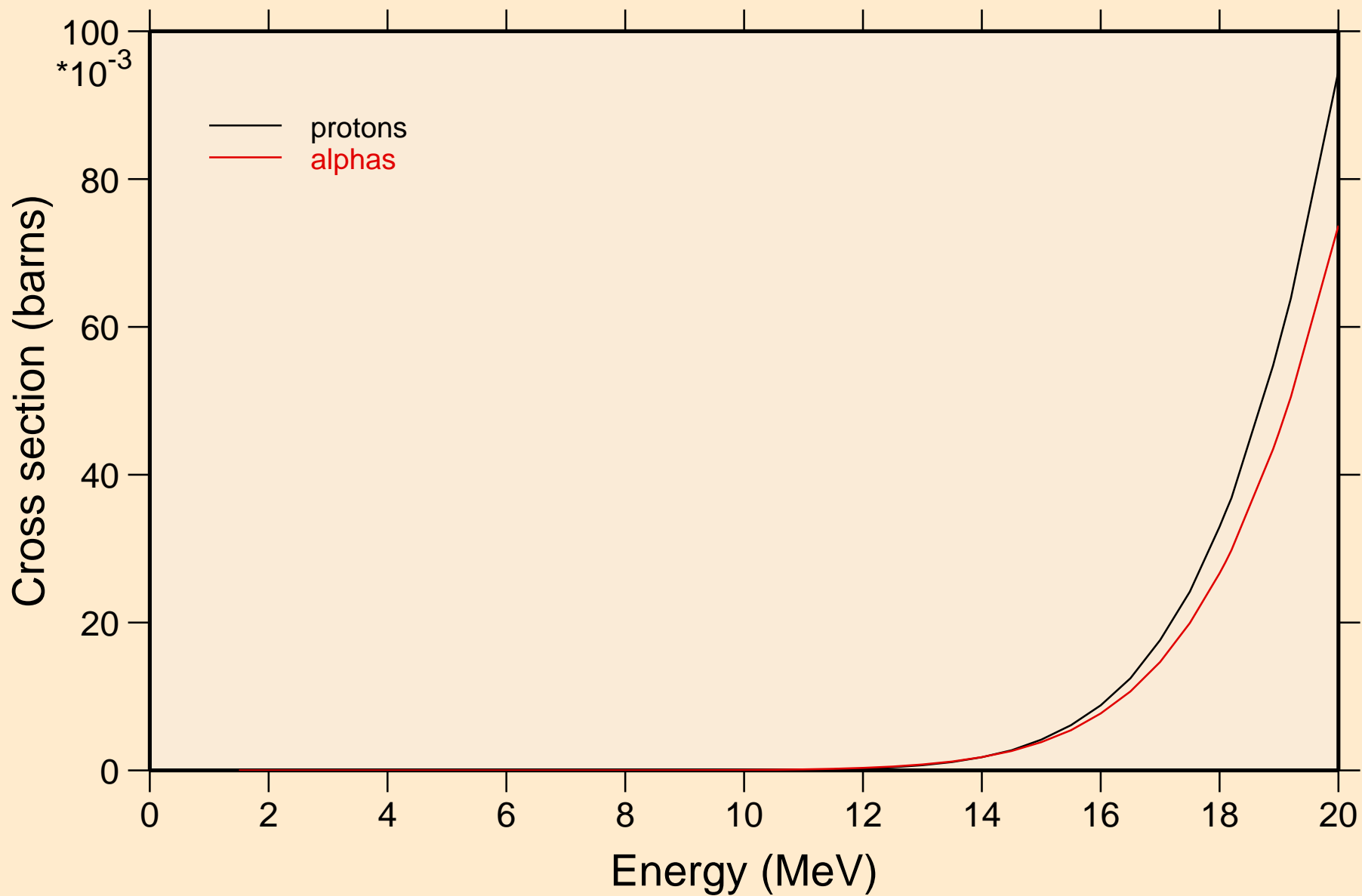
# ENDF/B-VII.1 GD-158

## Recoil Heating

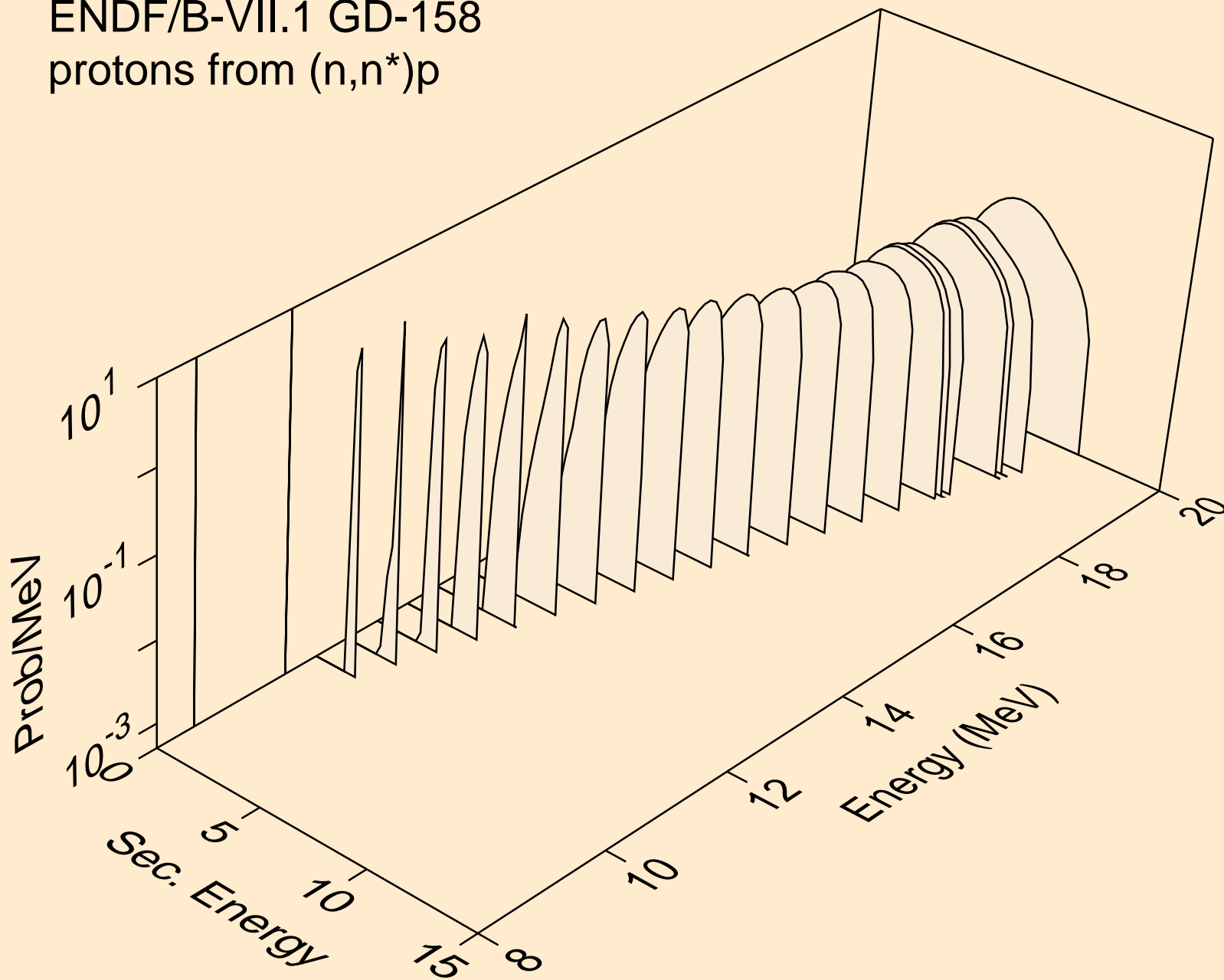


# ENDF/B-VII.1 GD-158

## Particle production cross sections

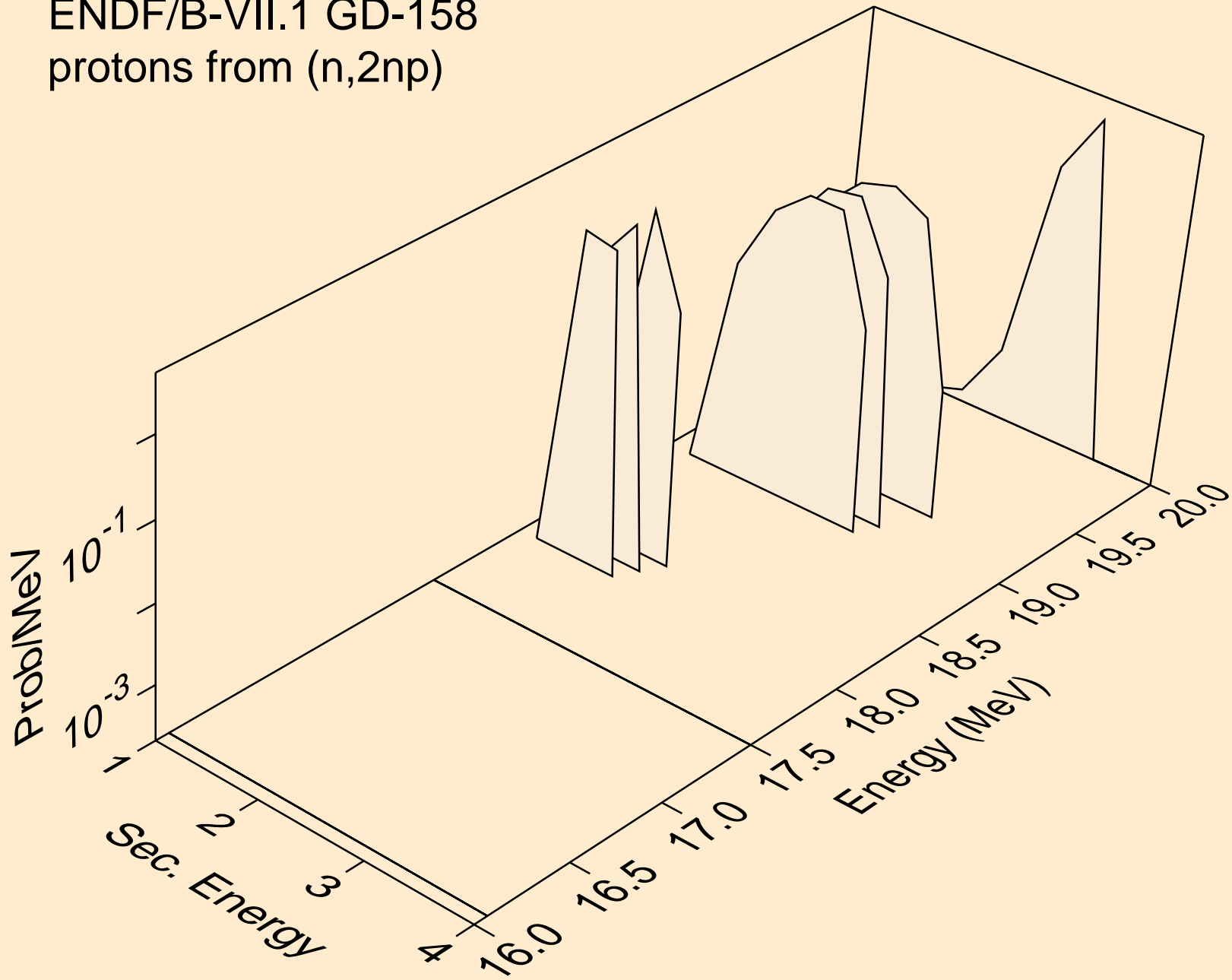


ENDF/B-VII.1 GD-158  
protons from (n,n\*)p

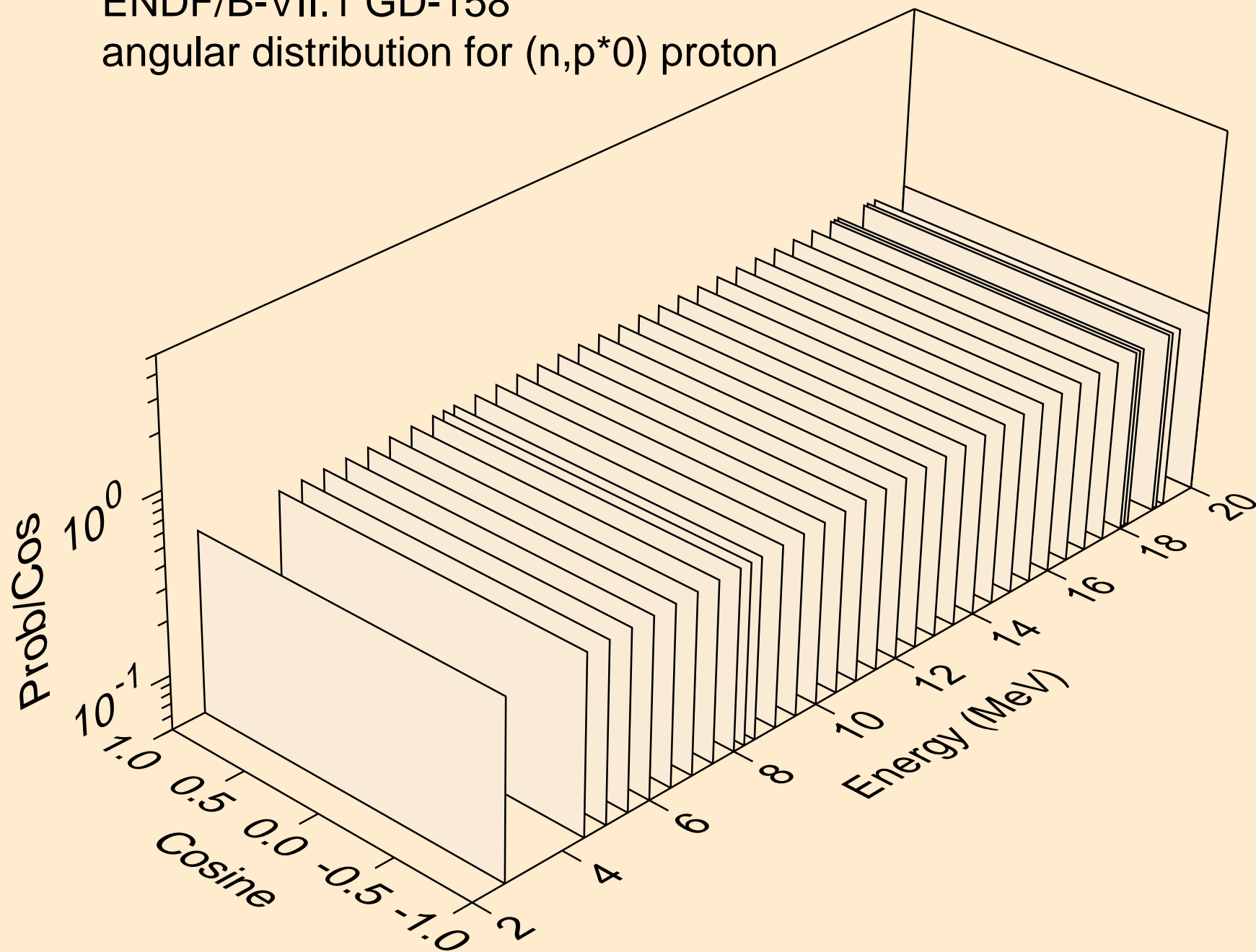




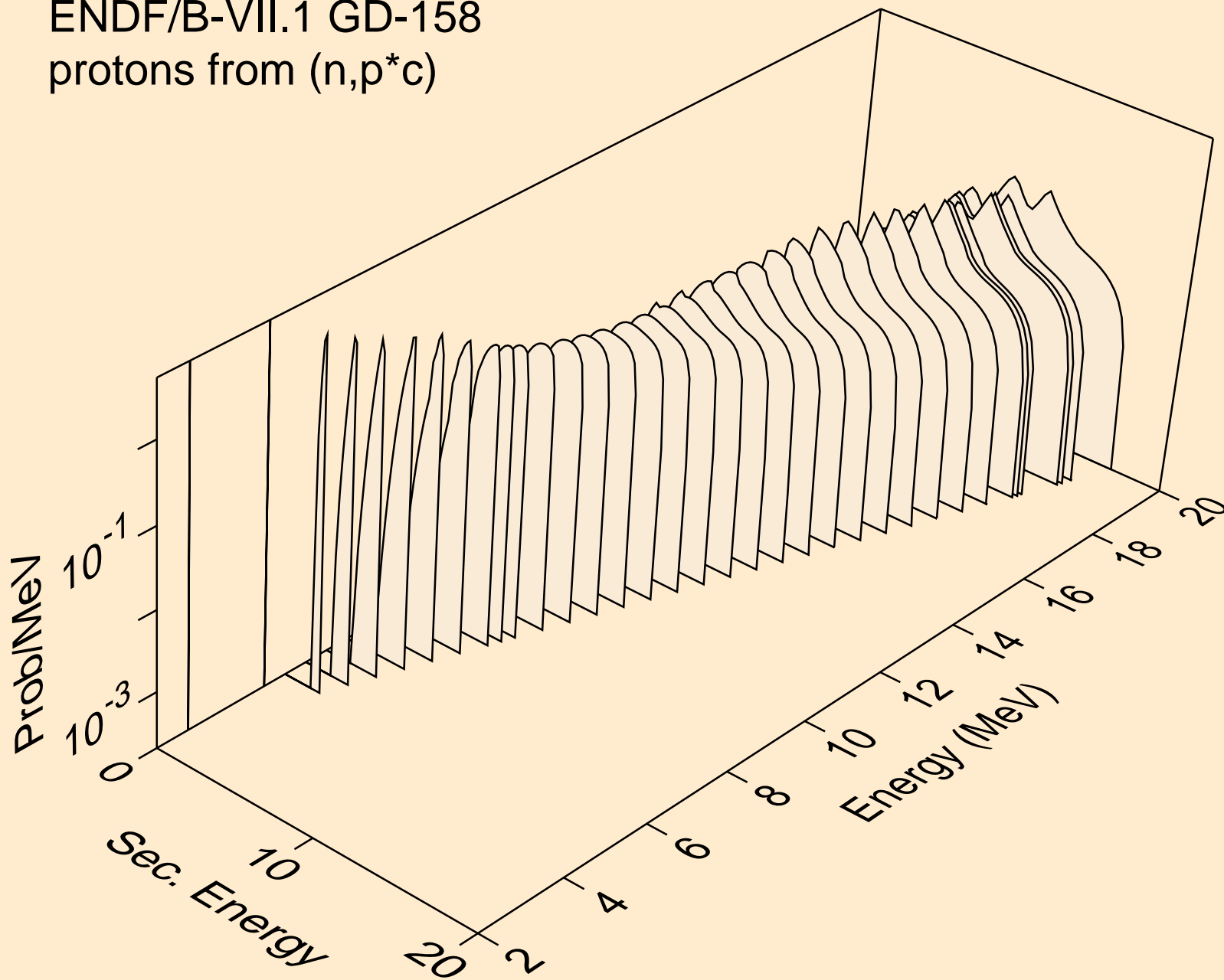
ENDF/B-VII.1 GD-158  
protons from (n,2np)



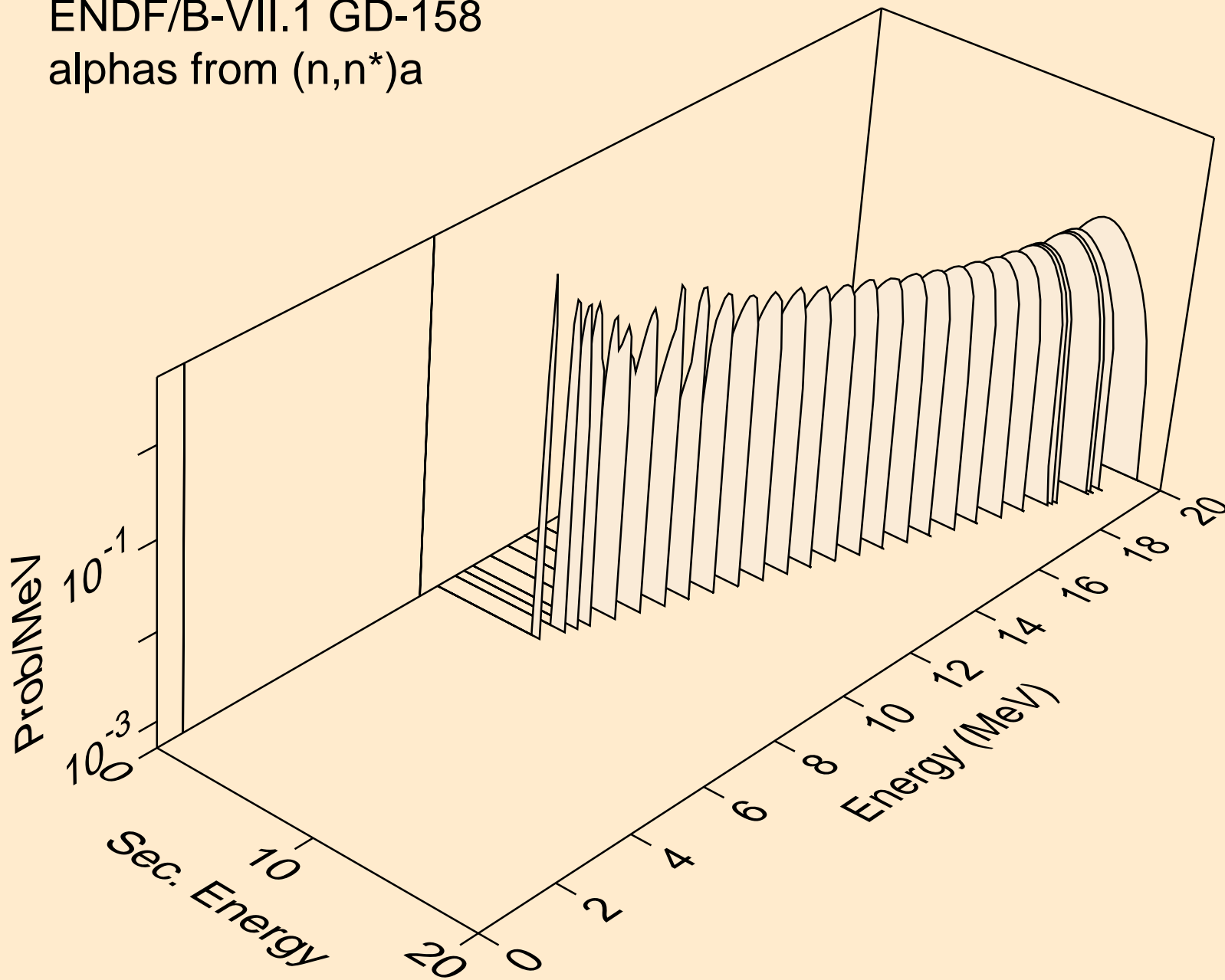
ENDF/B-VII.1 GD-158  
angular distribution for (n,p\*0) proton



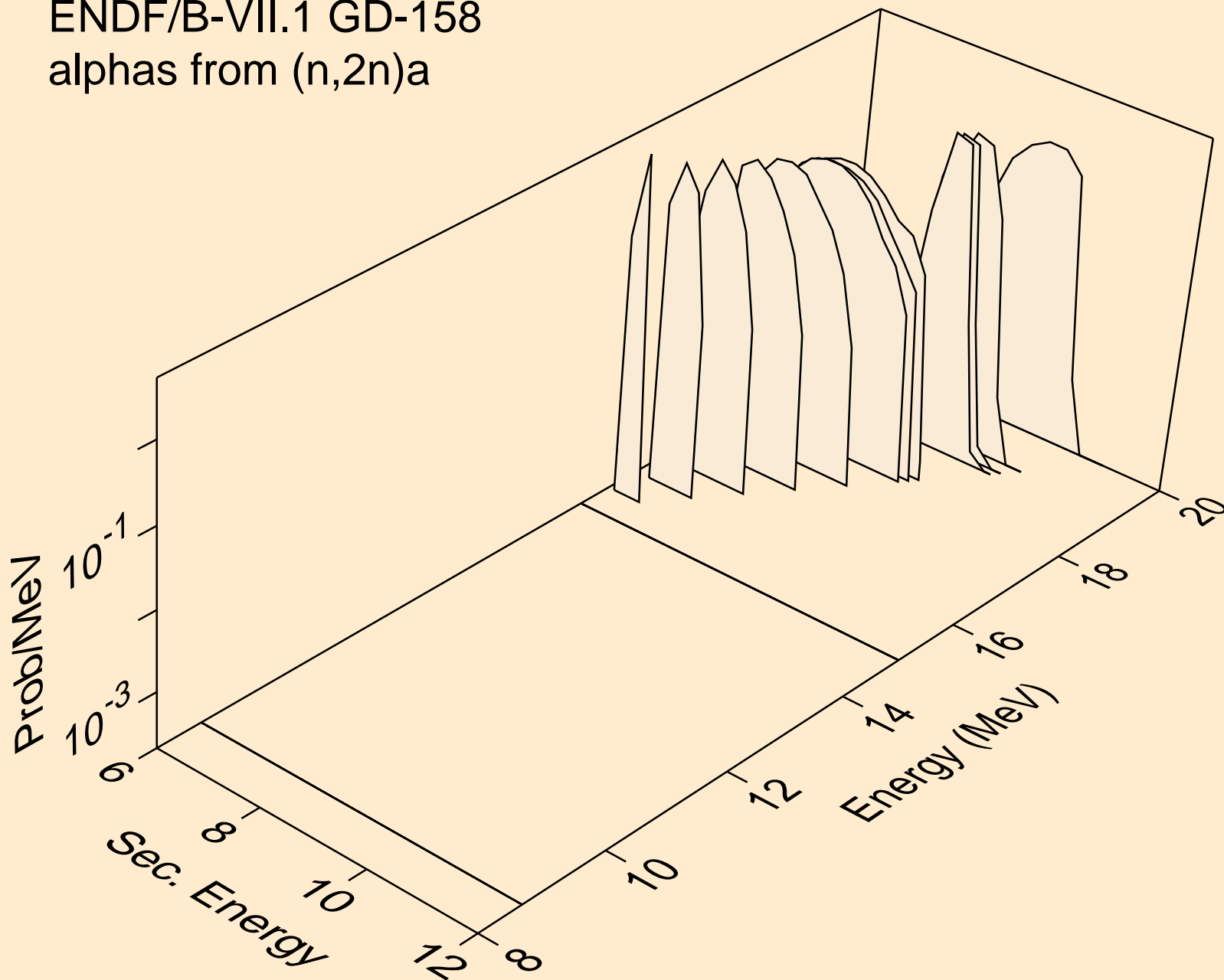
ENDF/B-VII.1 GD-158  
protons from (n,p\*c)



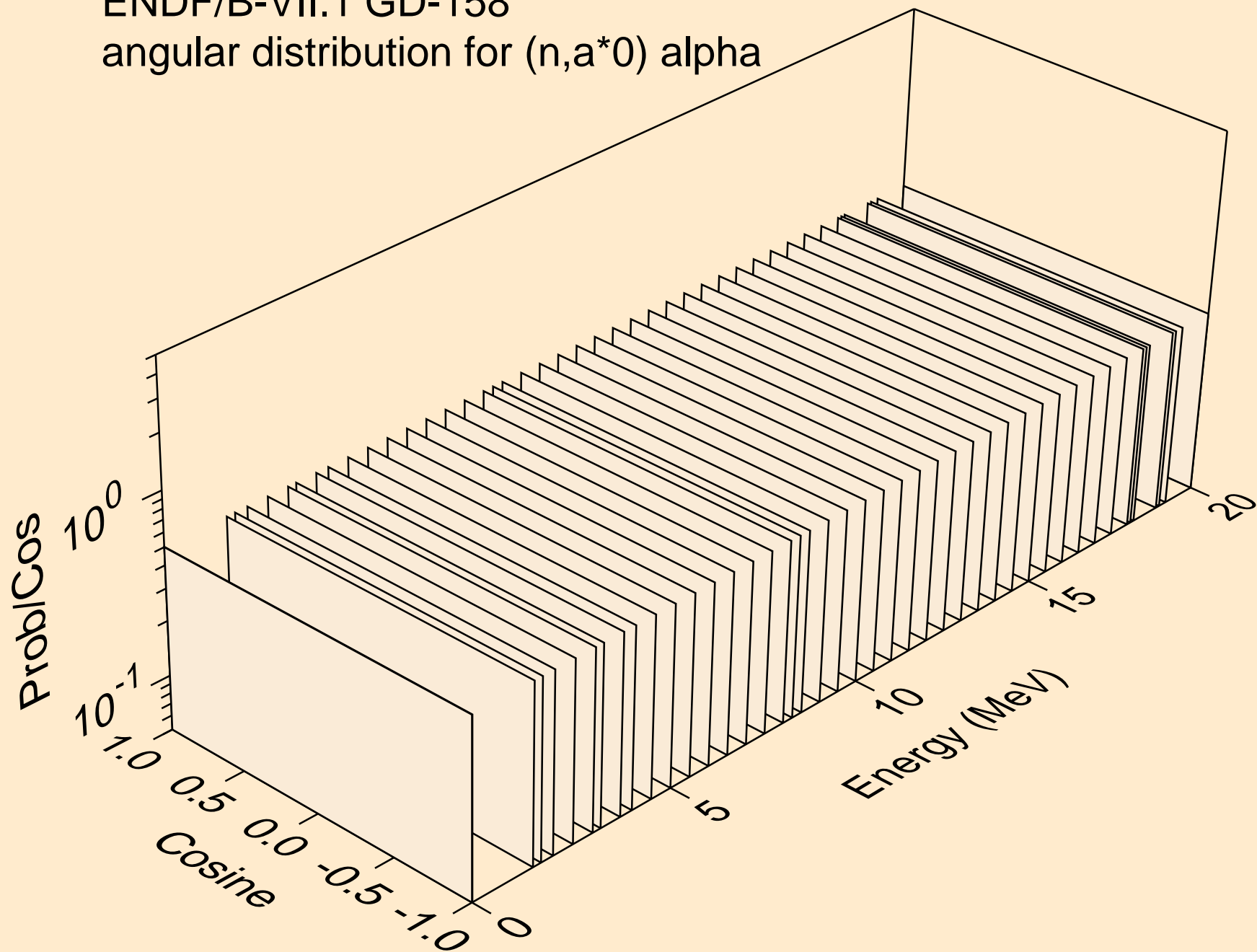
ENDF/B-VII.1 GD-158  
alphas from (n,n\*)a



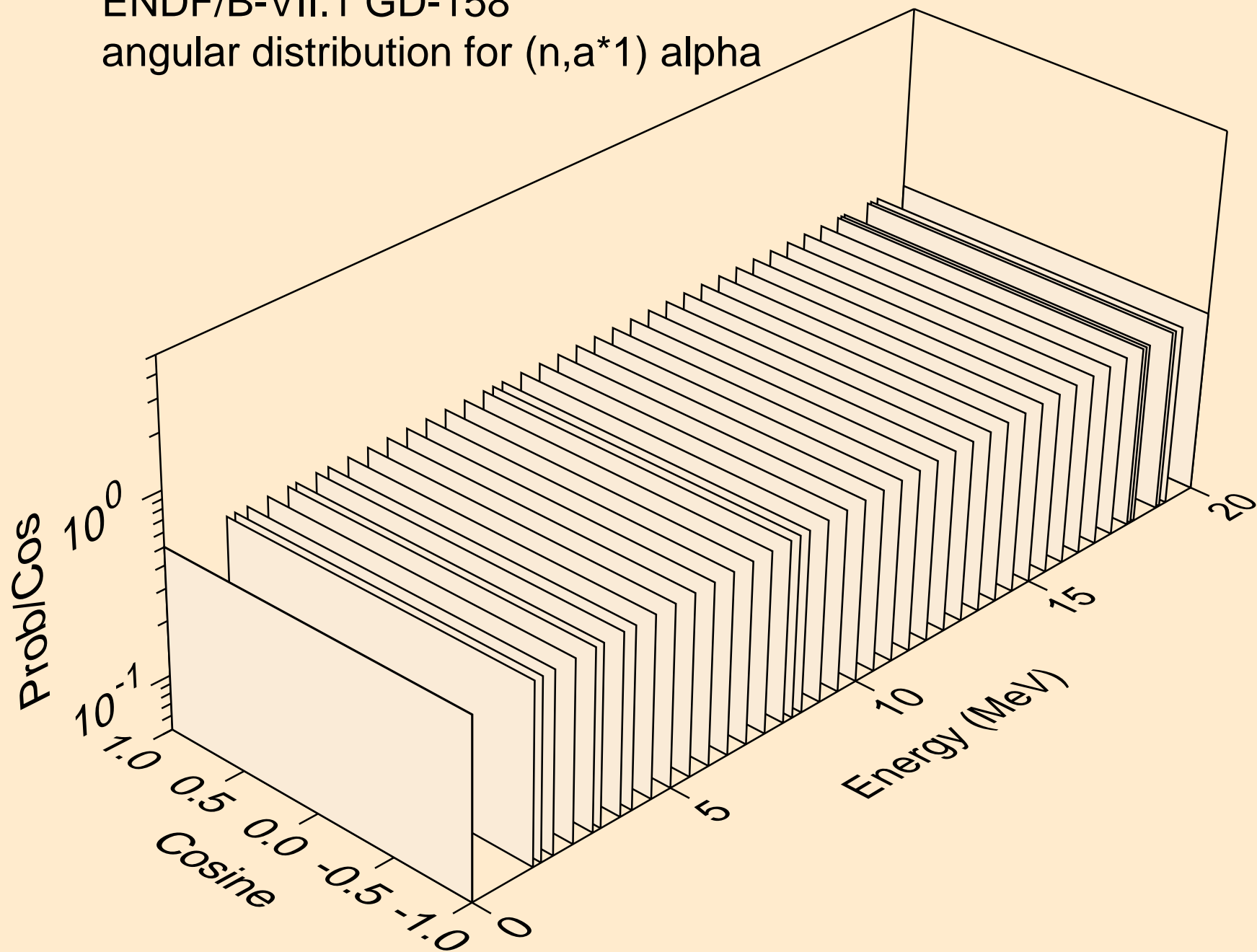
ENDF/B-VII.1 GD-158  
alphas from (n,2n)a



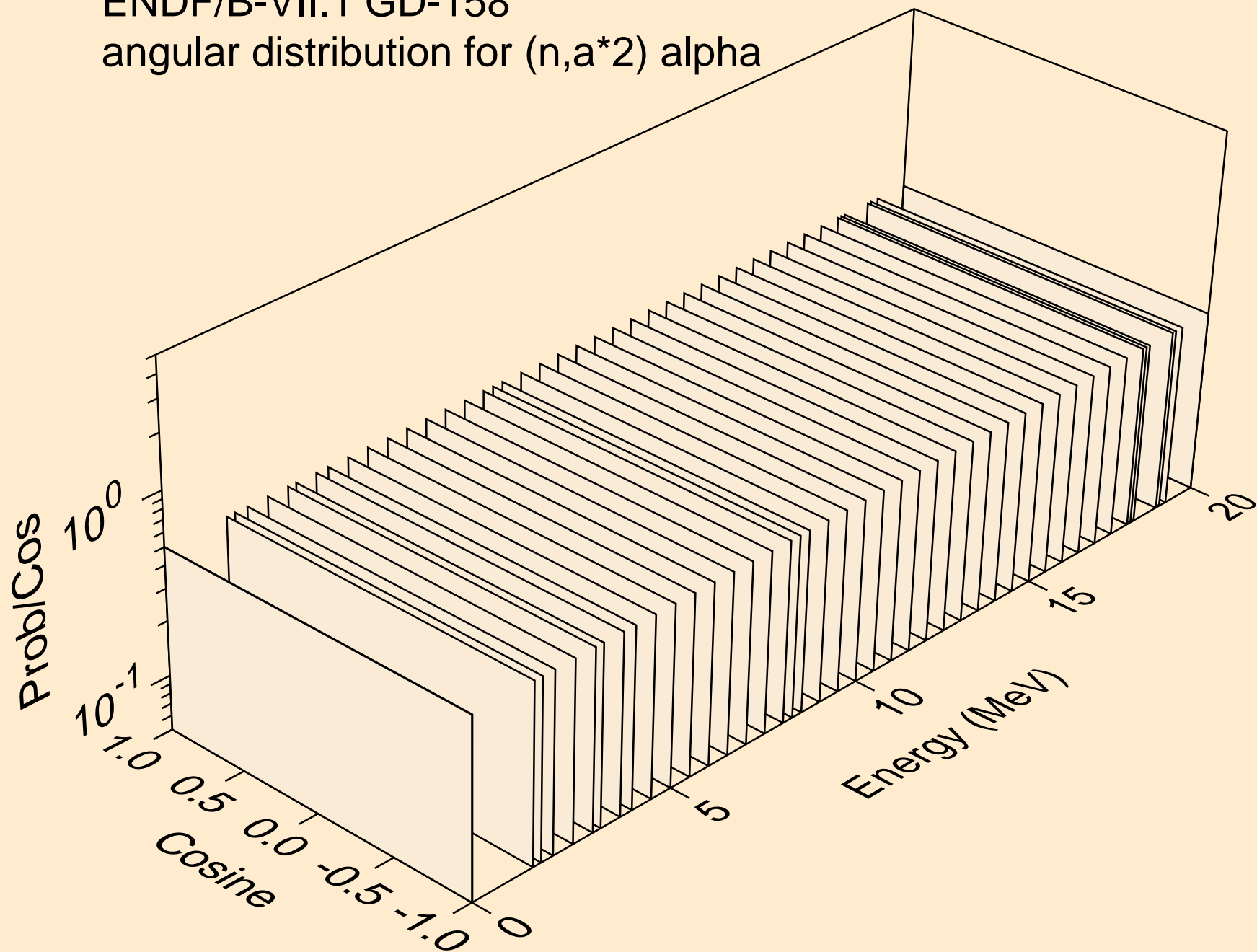
ENDF/B-VII.1 GD-158  
angular distribution for (n,a\*0) alpha



ENDF/B-VII.1 GD-158  
angular distribution for (n,a\*1) alpha

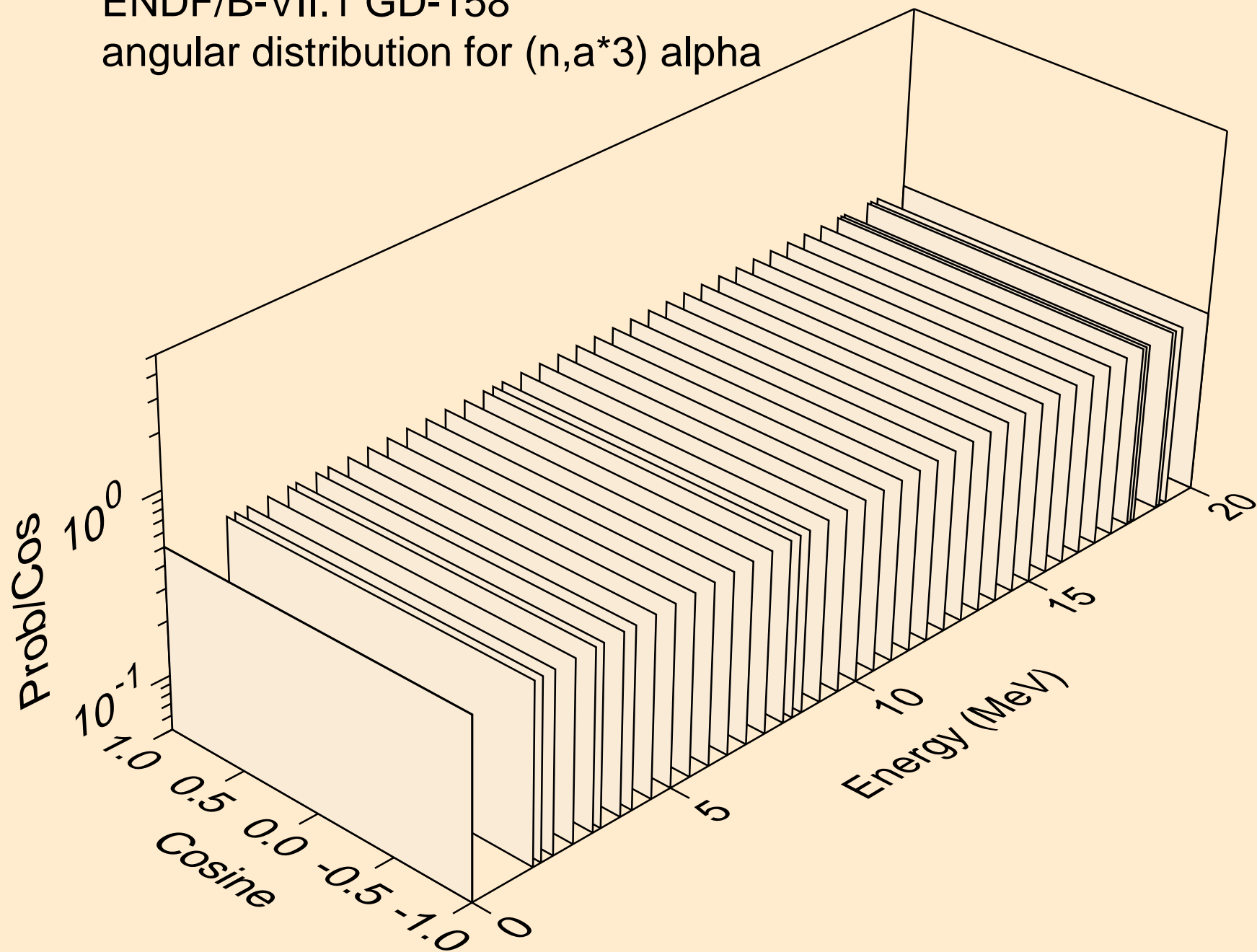


ENDF/B-VII.1 GD-158  
angular distribution for (n,a\*2) alpha

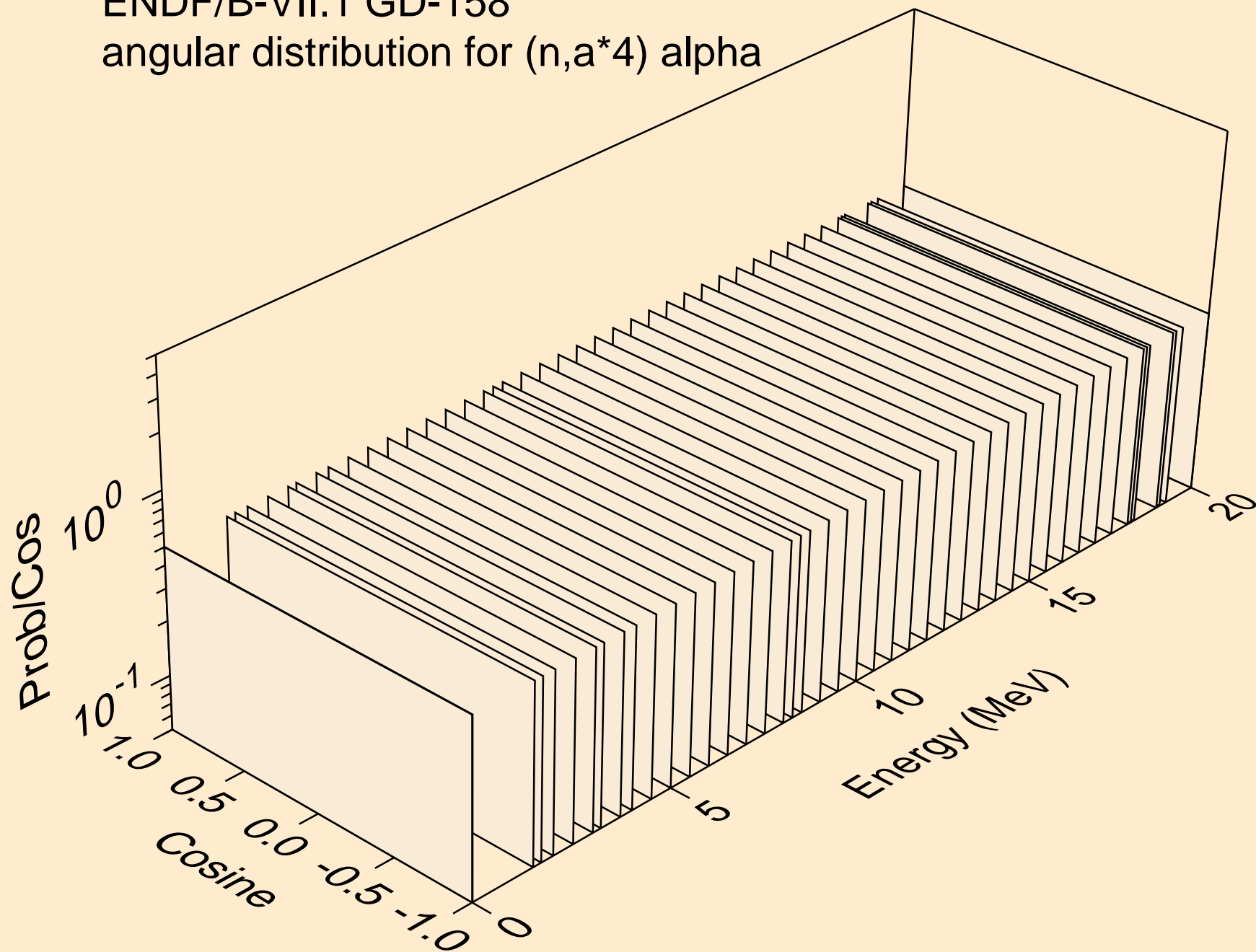




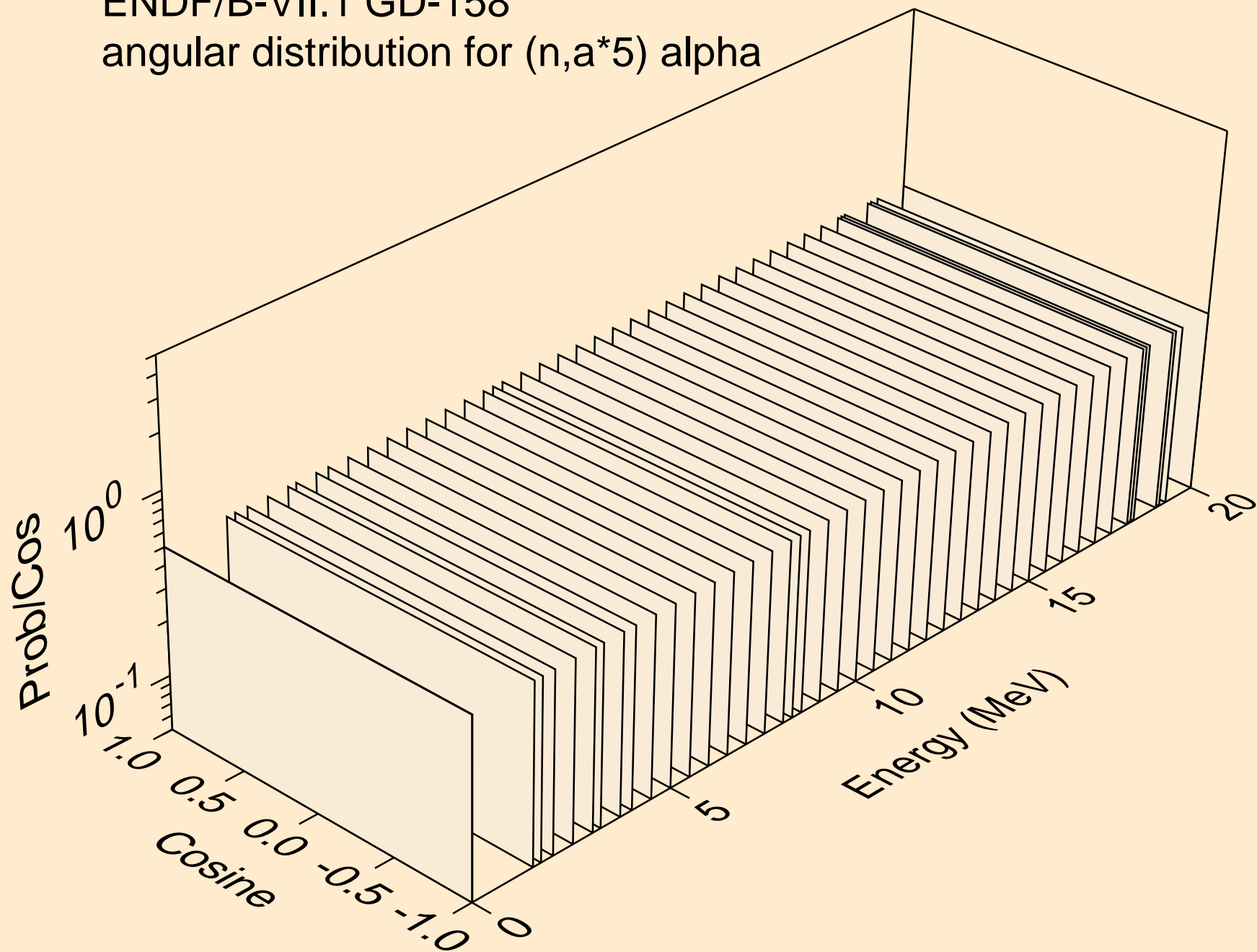
ENDF/B-VII.1 GD-158  
angular distribution for (n,a\*3) alpha



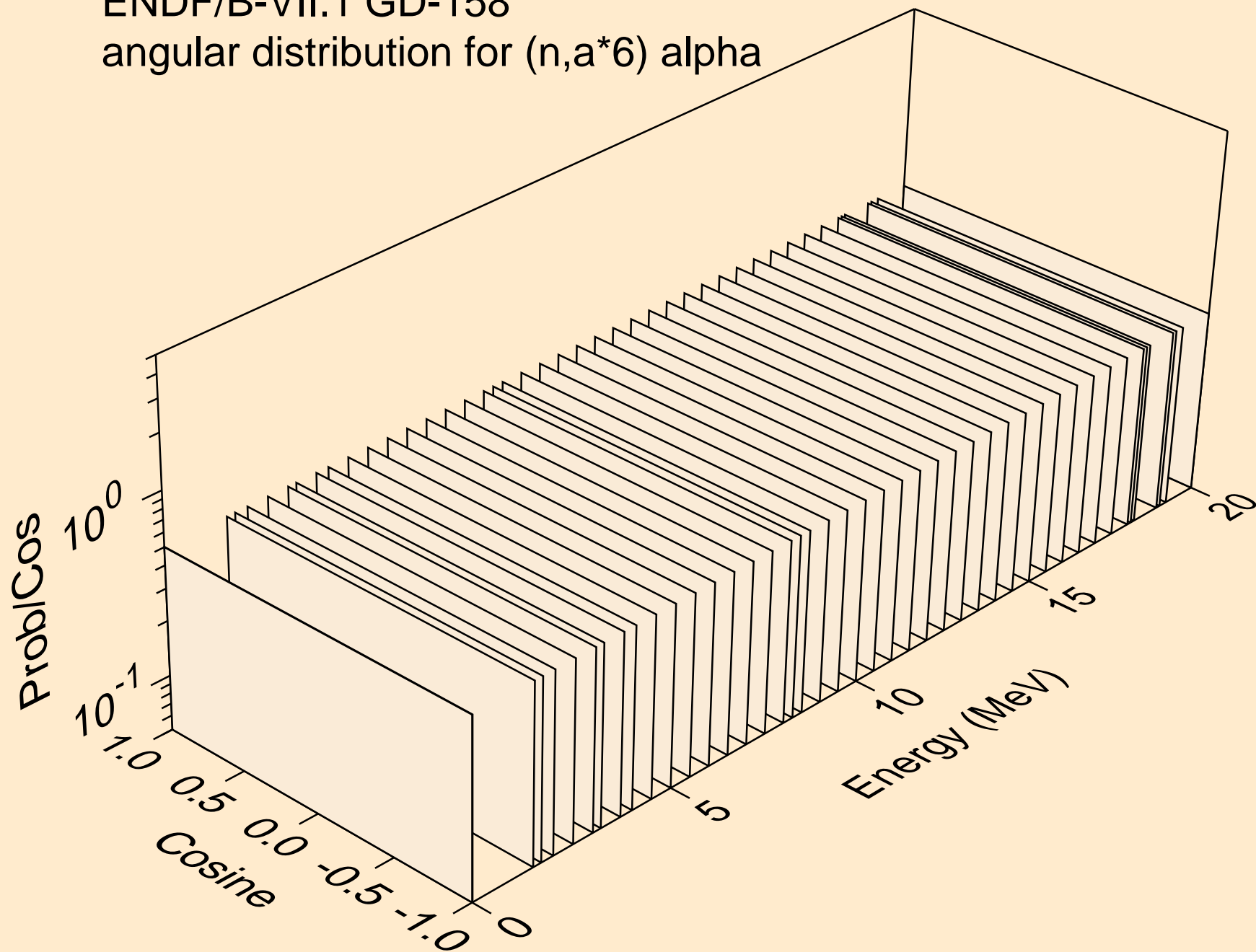
ENDF/B-VII.1 GD-158  
angular distribution for (n,a\*4) alpha



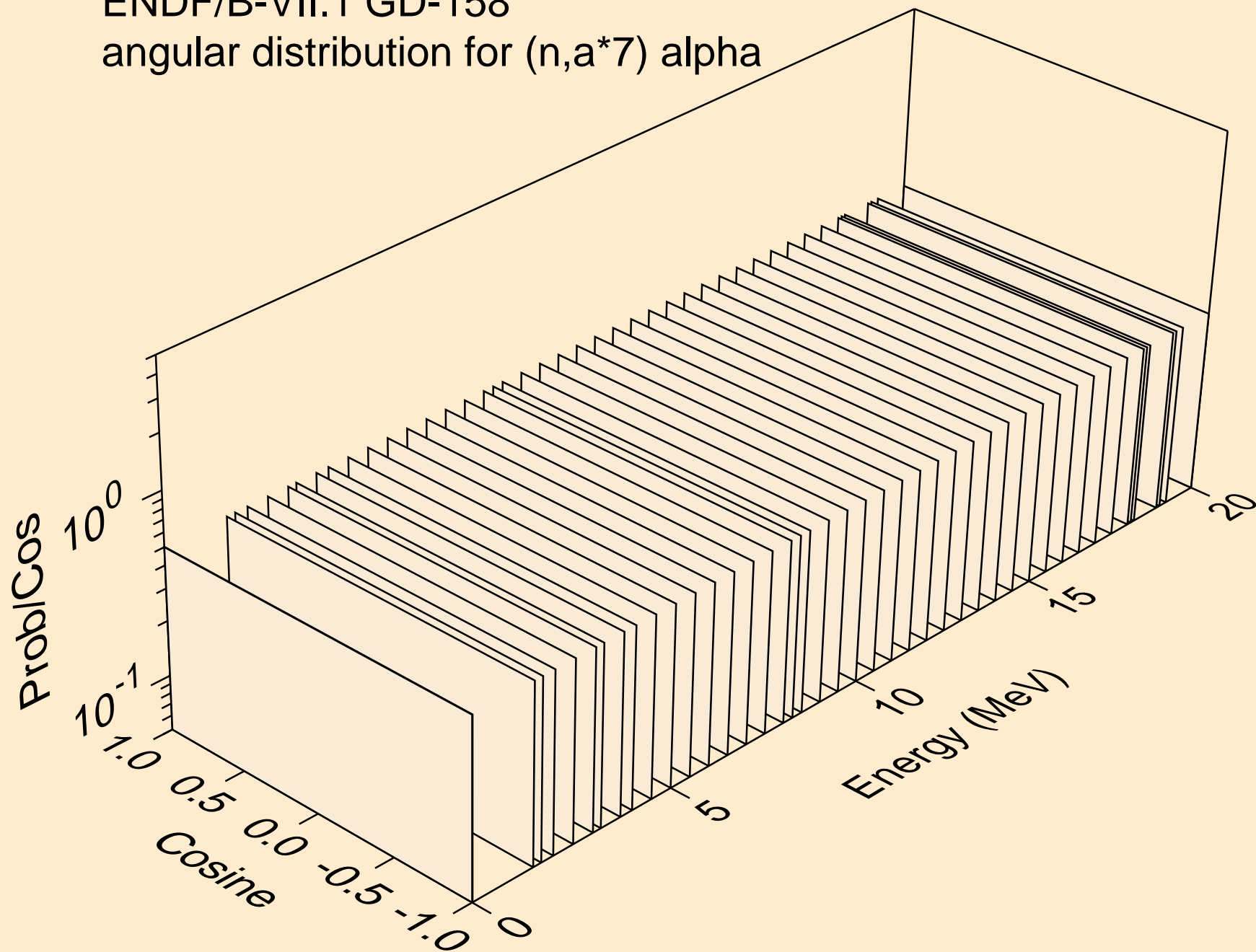
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angular distribution for (n,a\*5) alpha



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angular distribution for (n,a\*6) alpha



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angular distribution for (n, $\alpha$ \*7) alpha



ENDF/B-VII.1 GD-158  
alphas from (n,a\*c)

