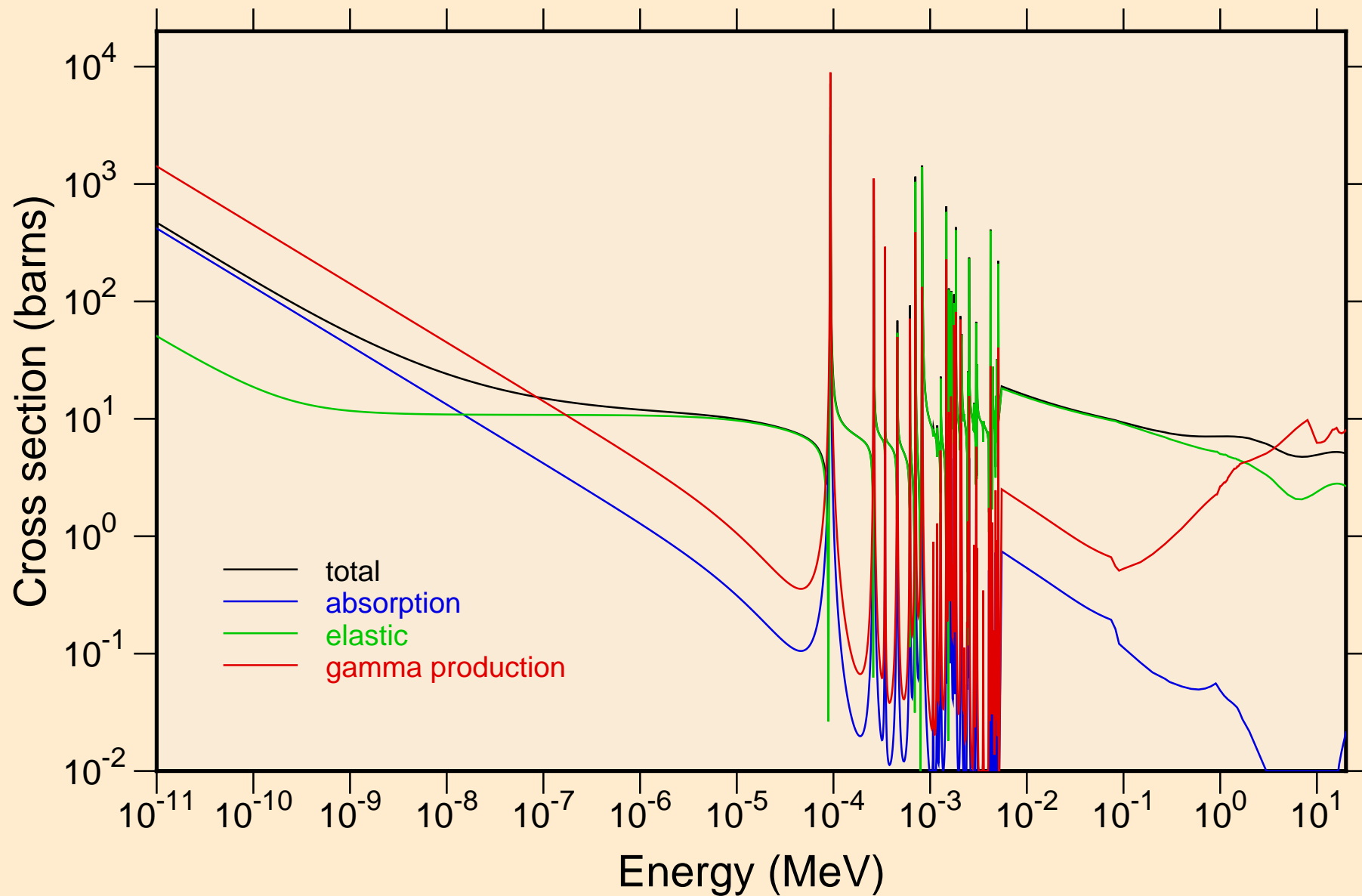
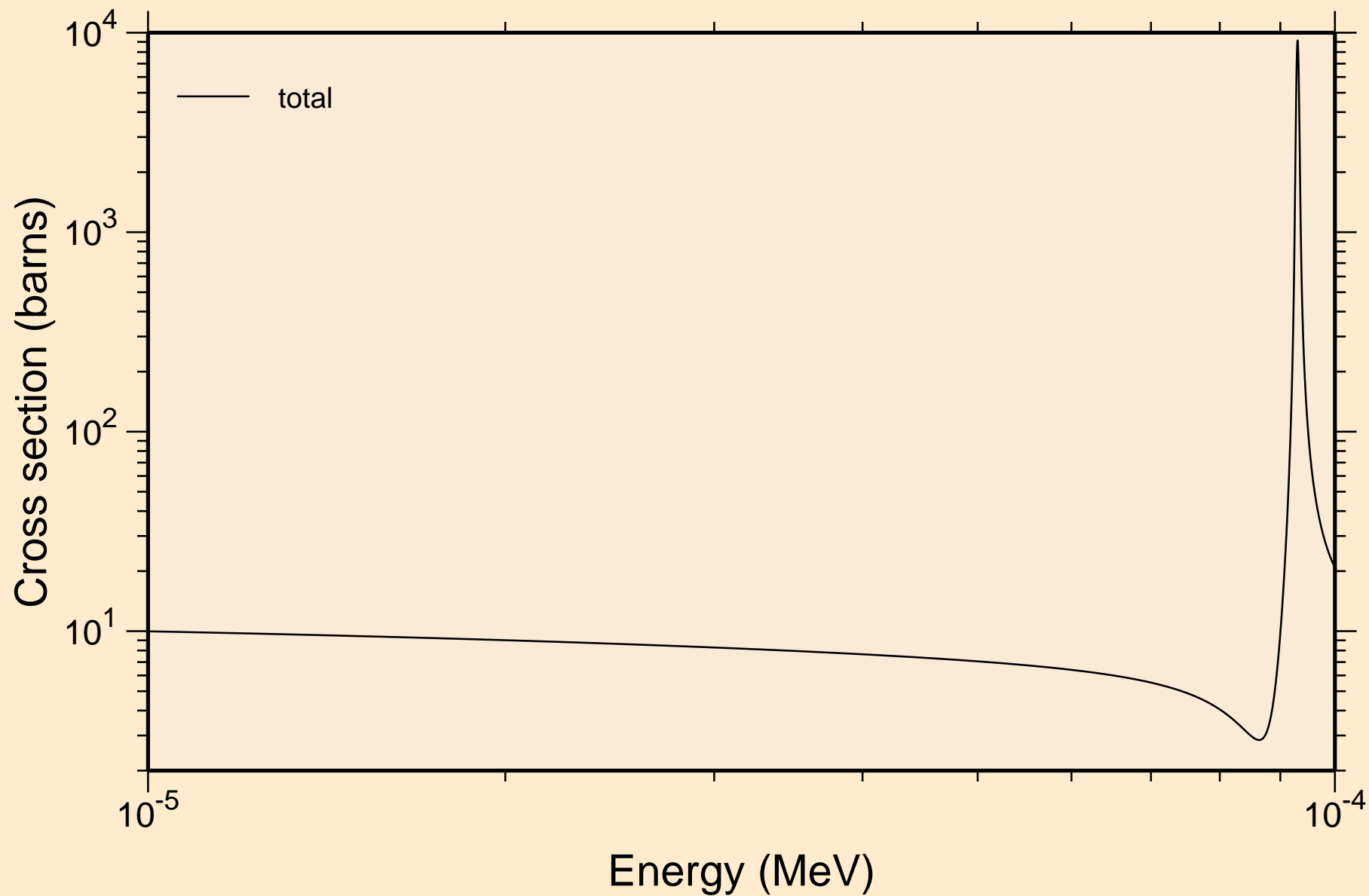


# ENDF/B-VII SM-154

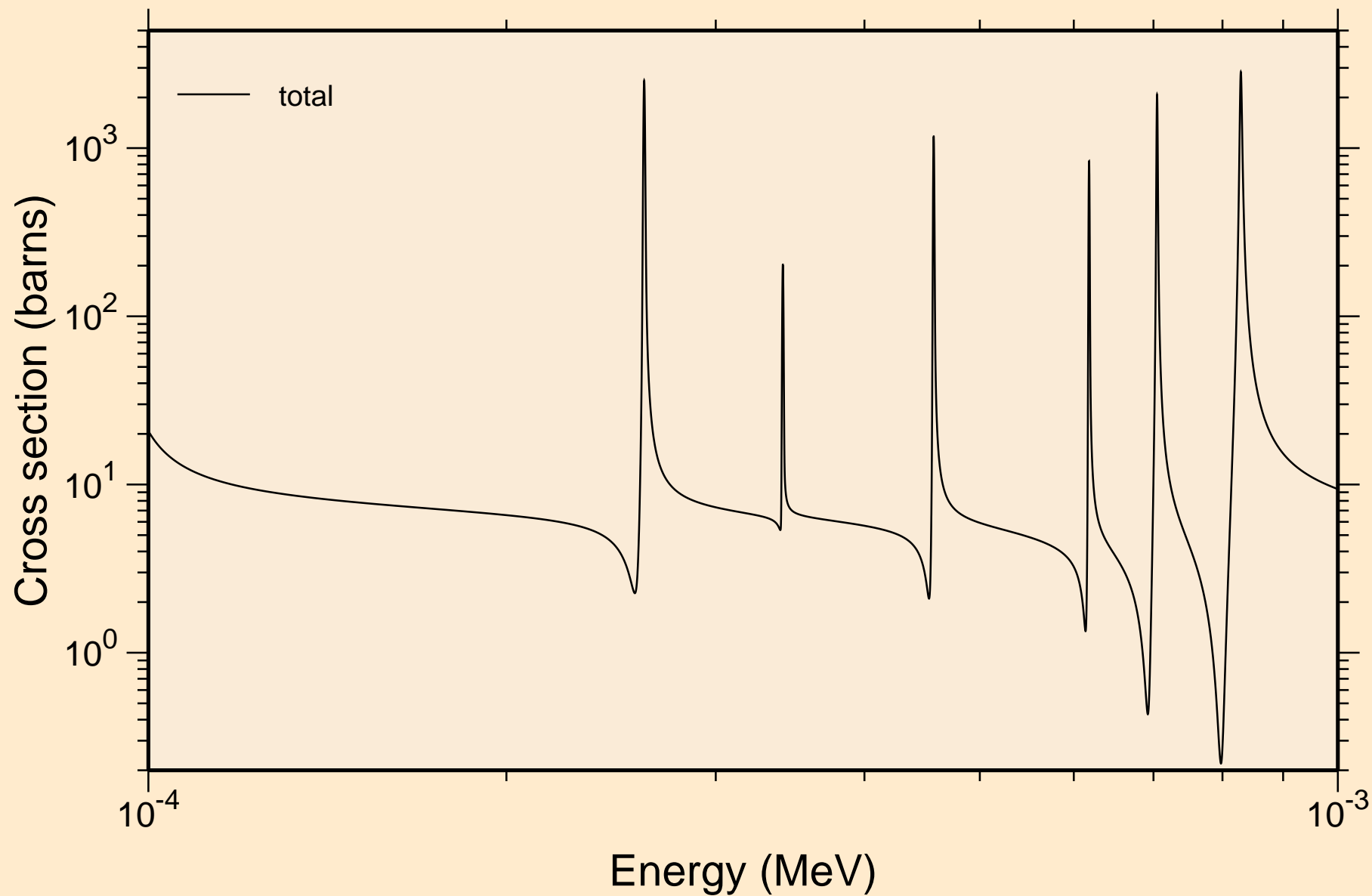
## Principal cross sections



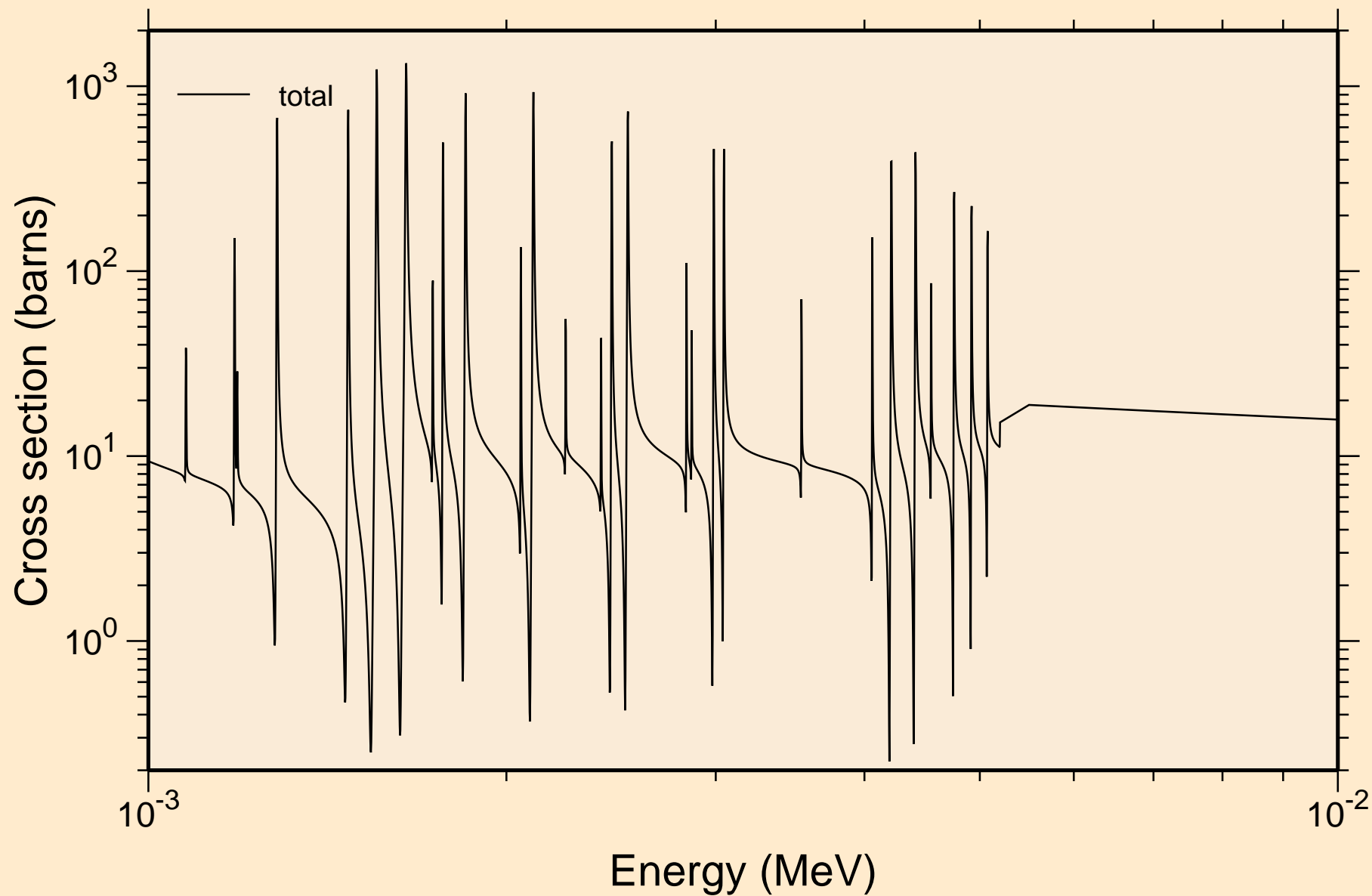
ENDF/B-VII SM-154  
resonance total cross section



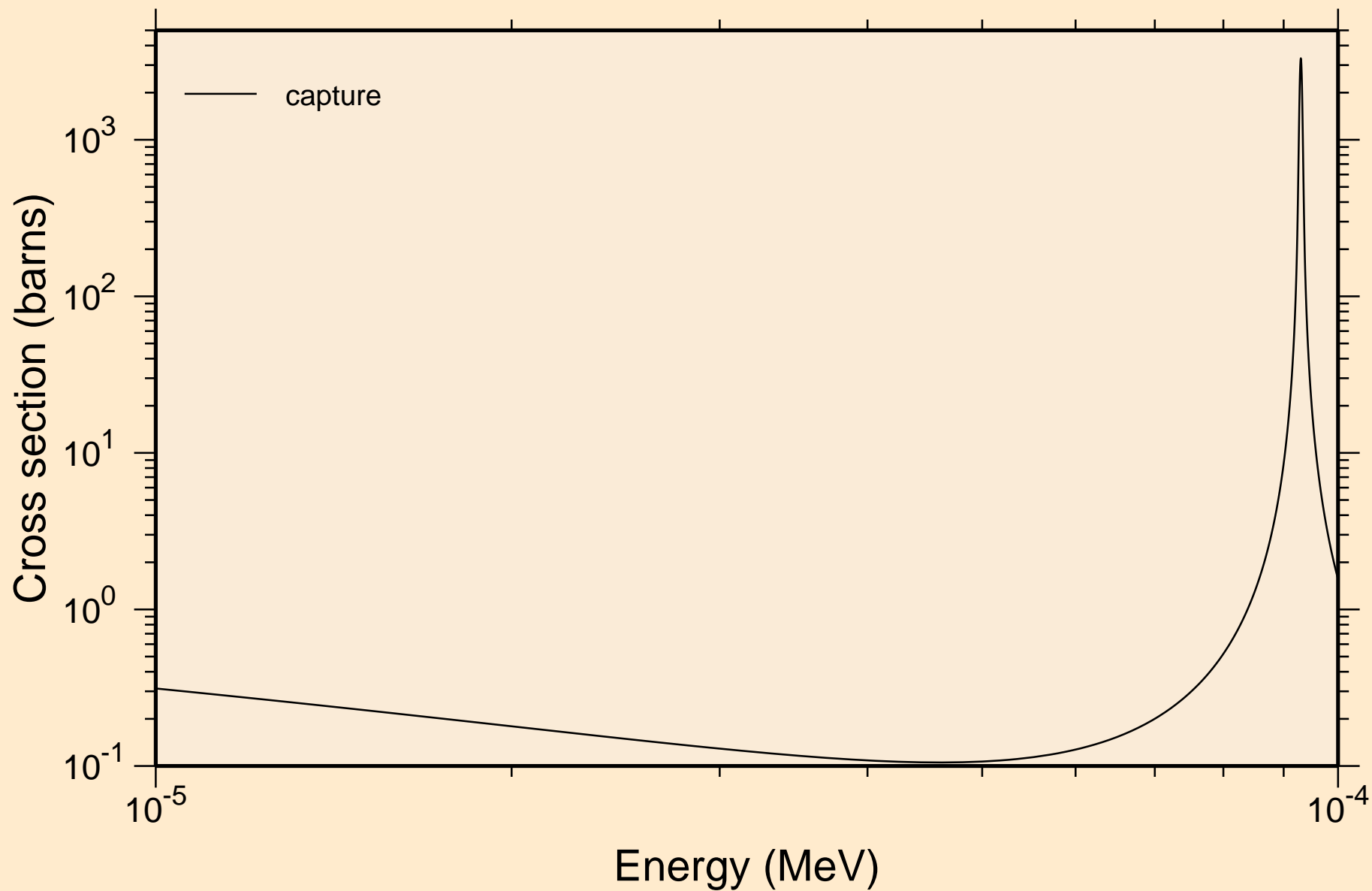
ENDF/B-VII SM-154  
resonance total cross section



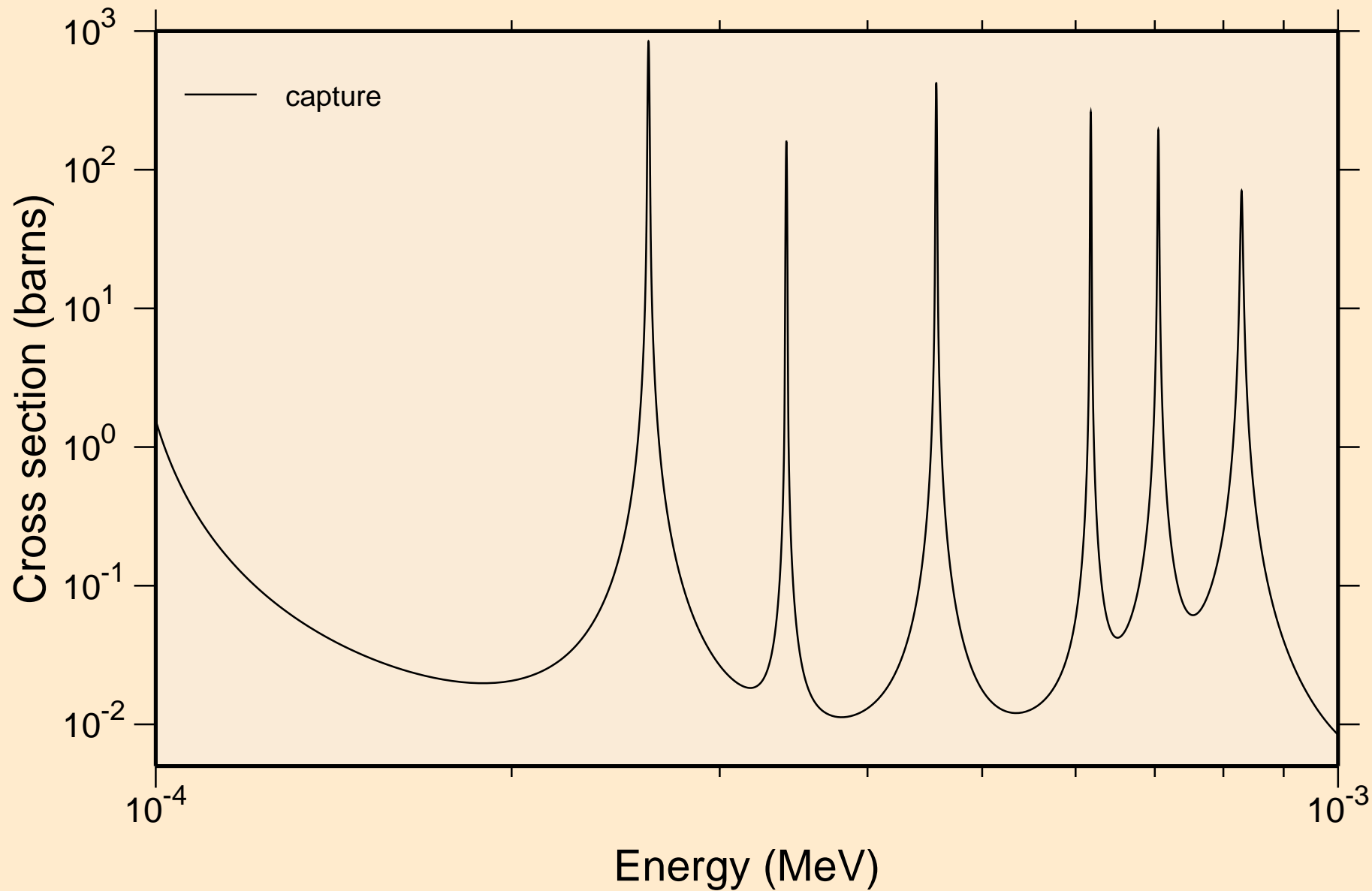
ENDF/B-VII SM-154  
resonance total cross section



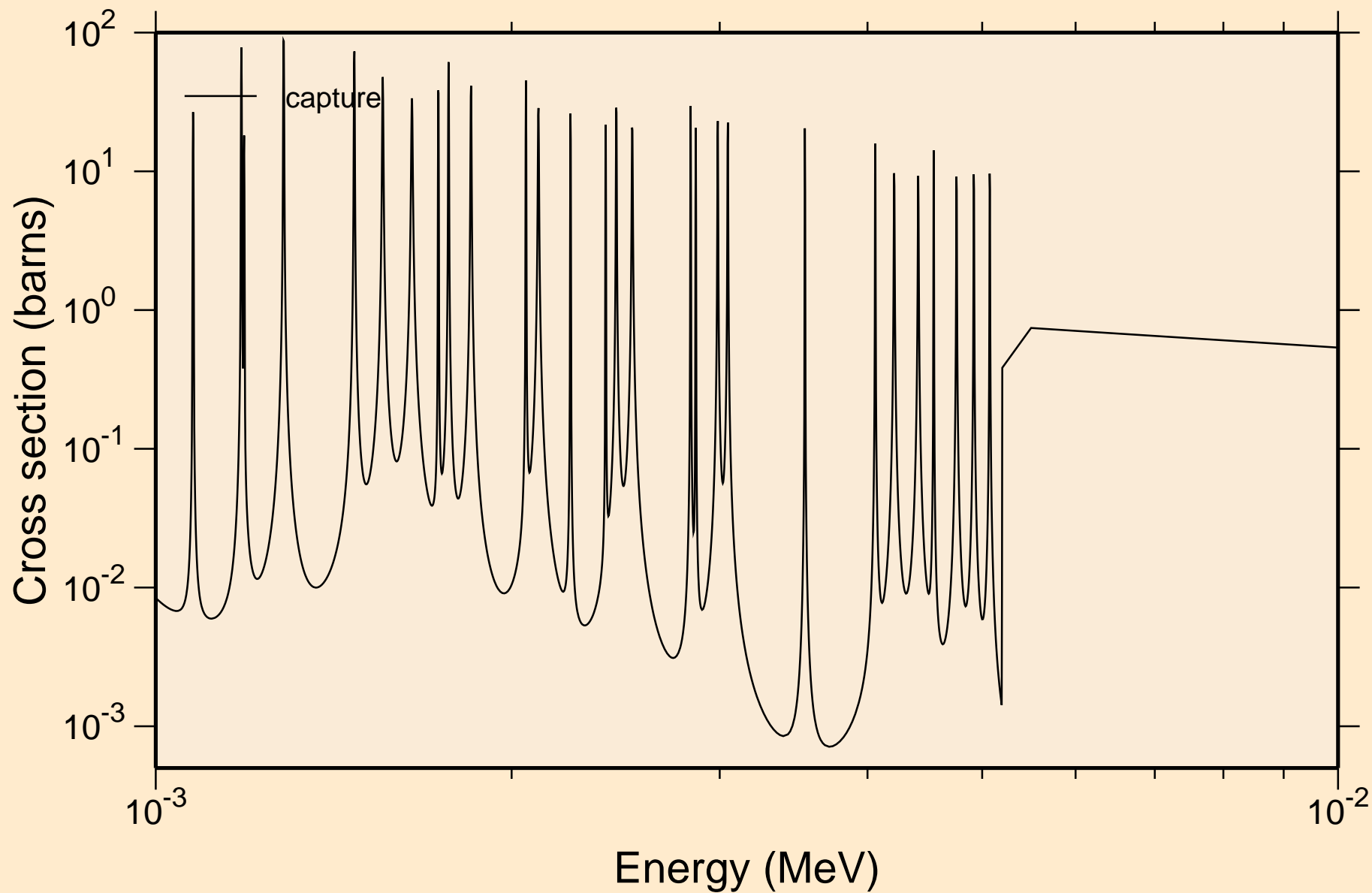
ENDF/B-VII SM-154  
resonance absorption cross sections



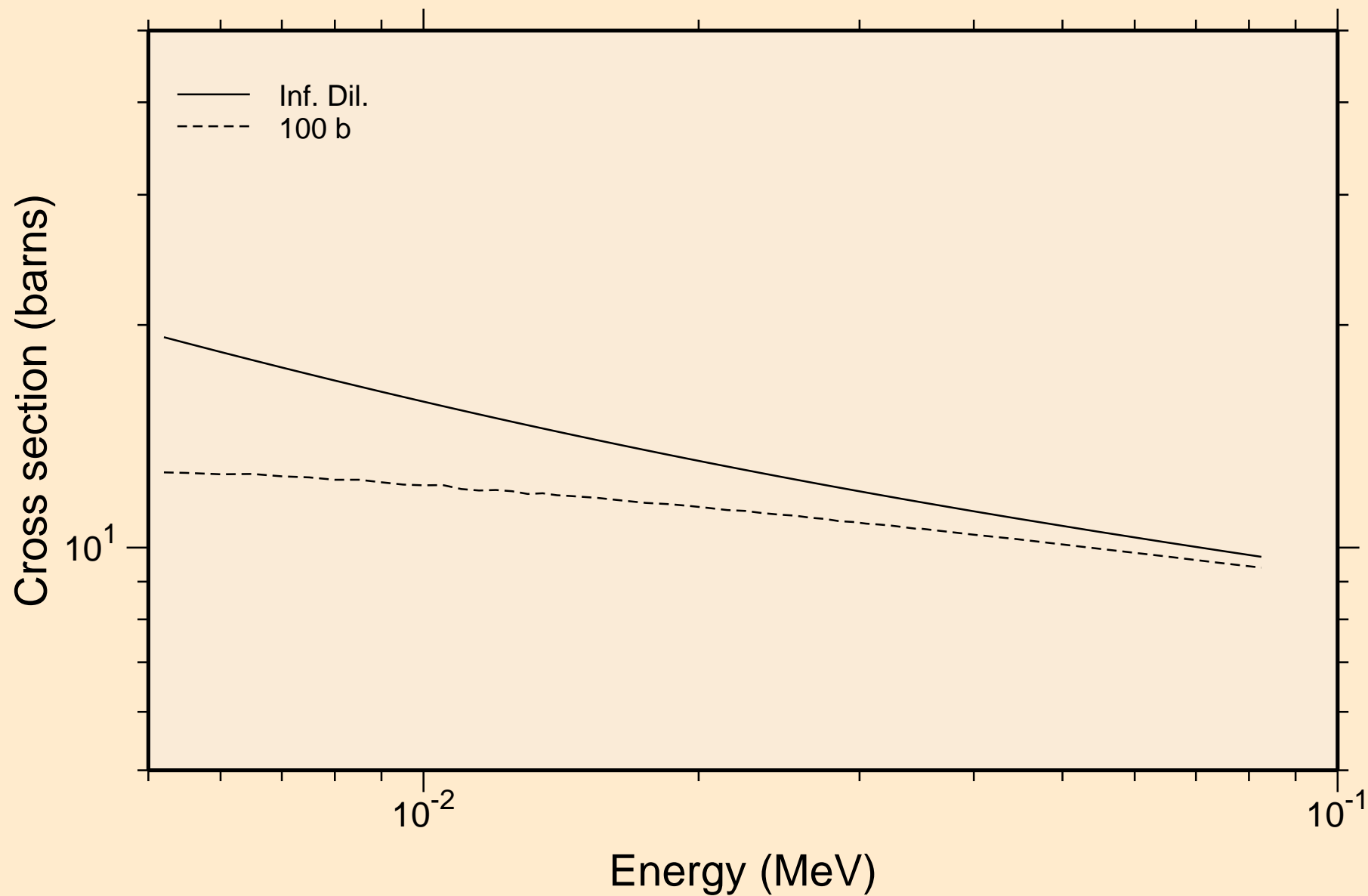
# ENDF/B-VII SM-154 resonance absorption cross sections



ENDF/B-VII SM-154  
resonance absorption cross sections

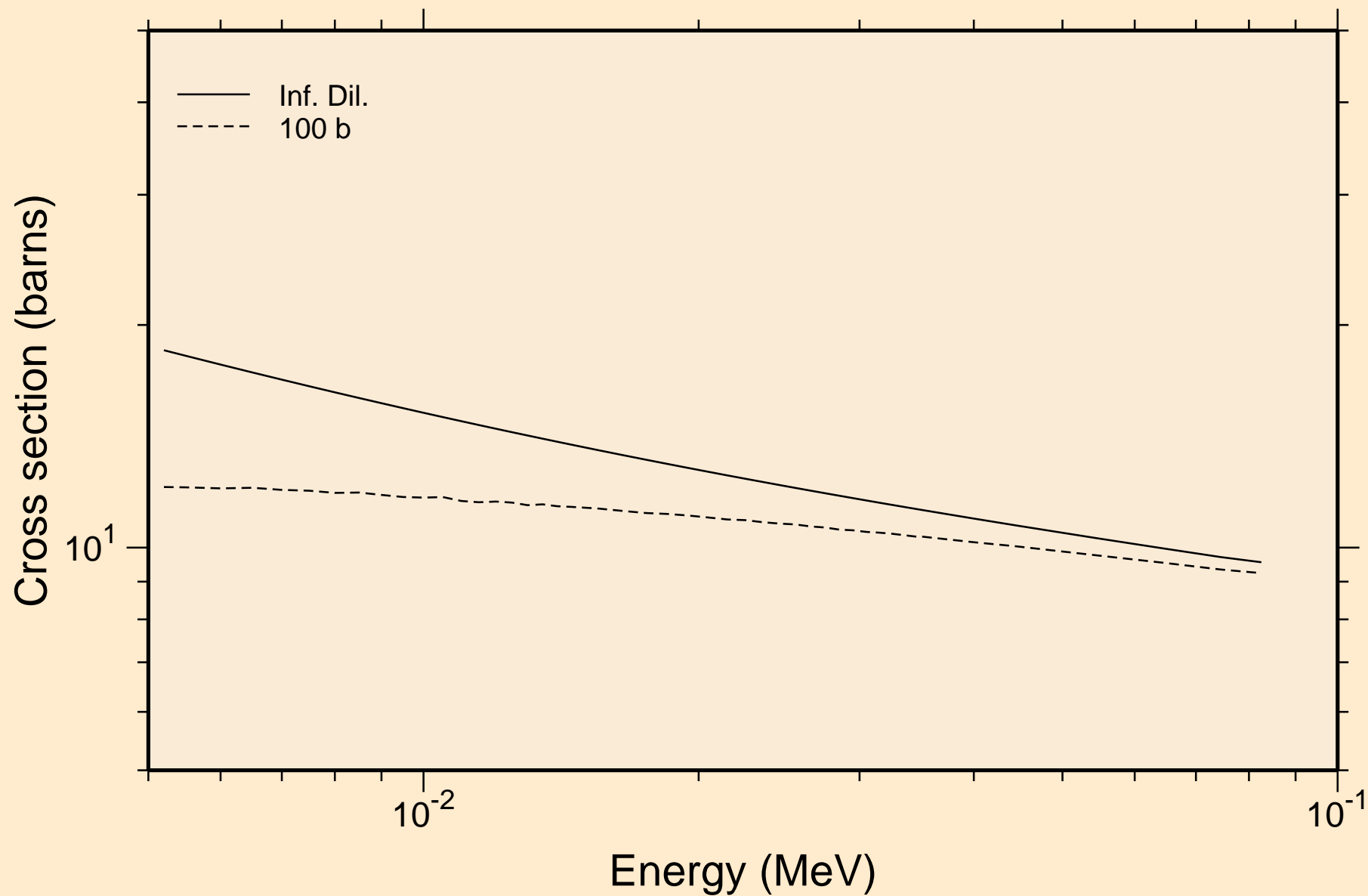


ENDF/B-VII SM-154  
UR total cross section

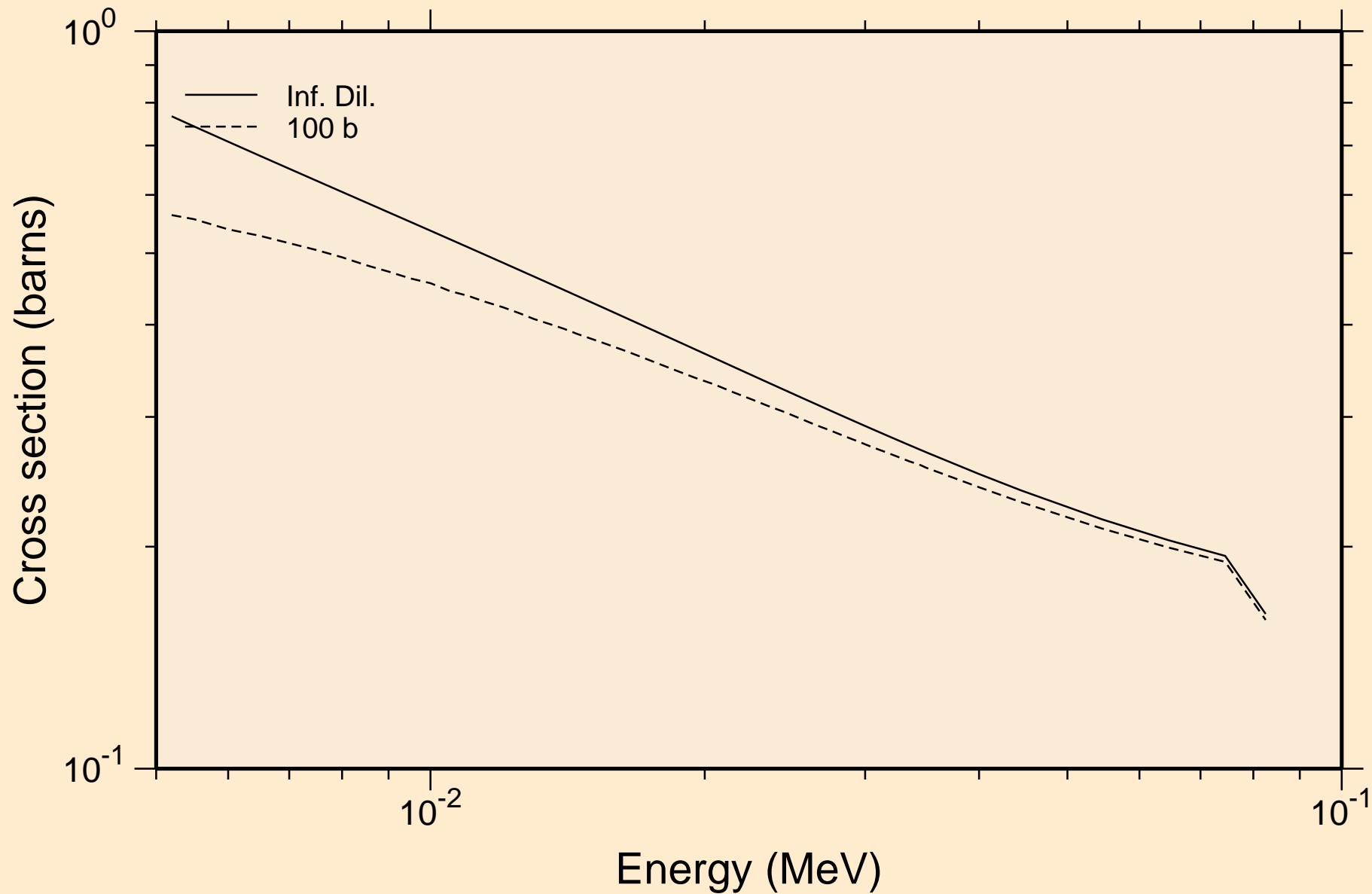




ENDF/B-VII SM-154  
UR elastic cross section

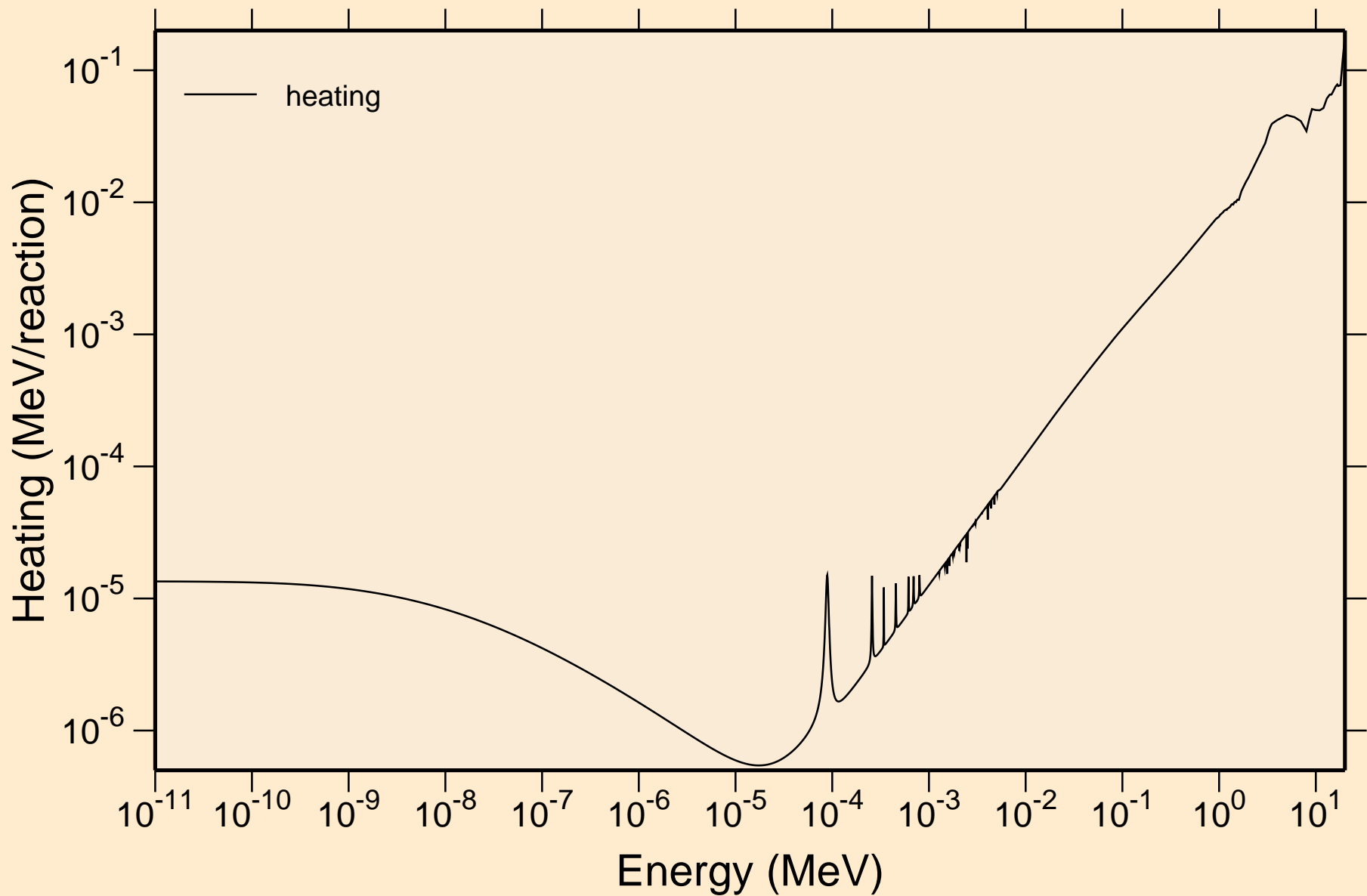


ENDF/B-VII SM-154  
UR capture cross section



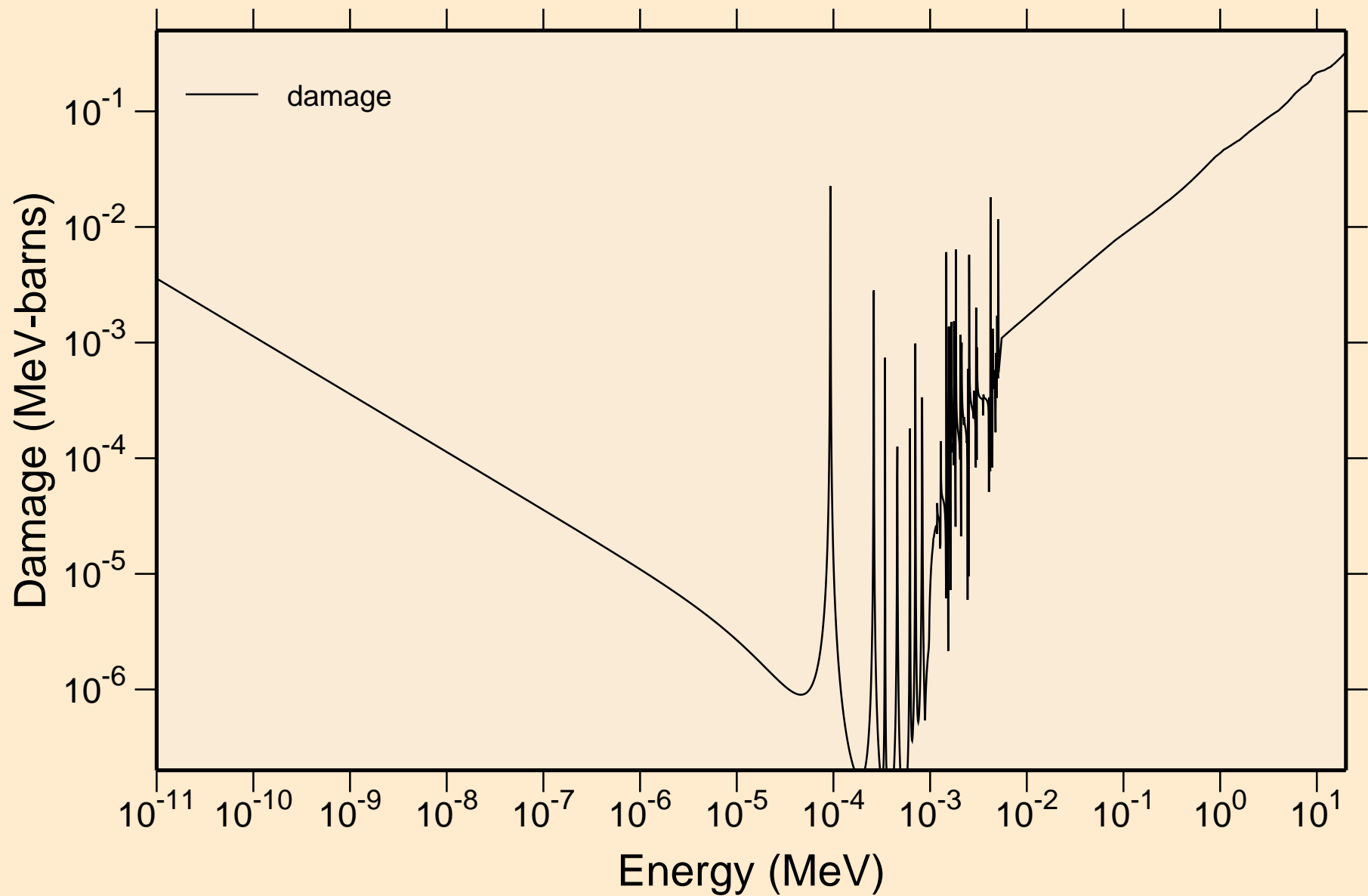
# ENDF/B-VII SM-154

## Heating

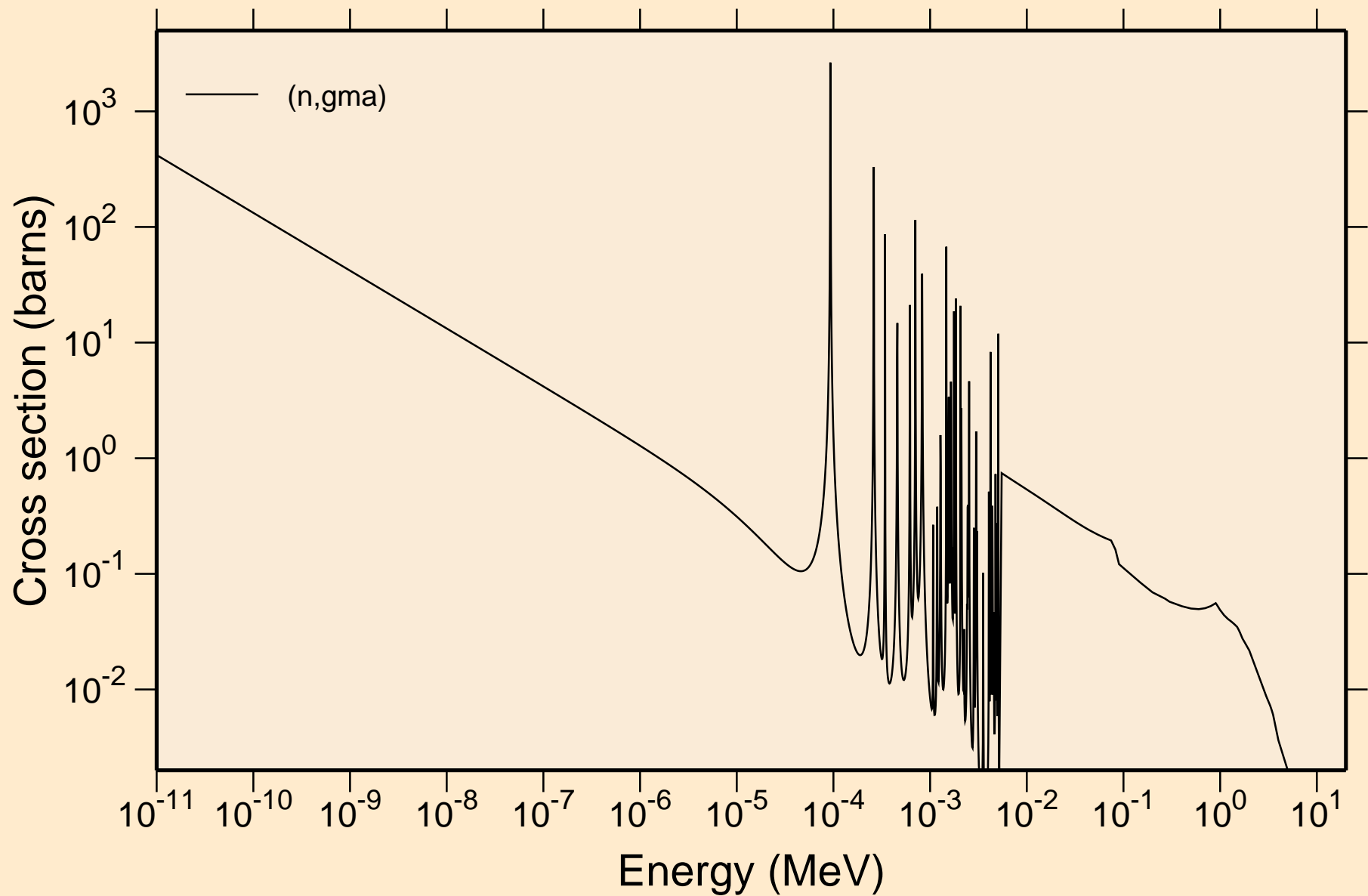


# ENDF/B-VII SM-154

## Damage

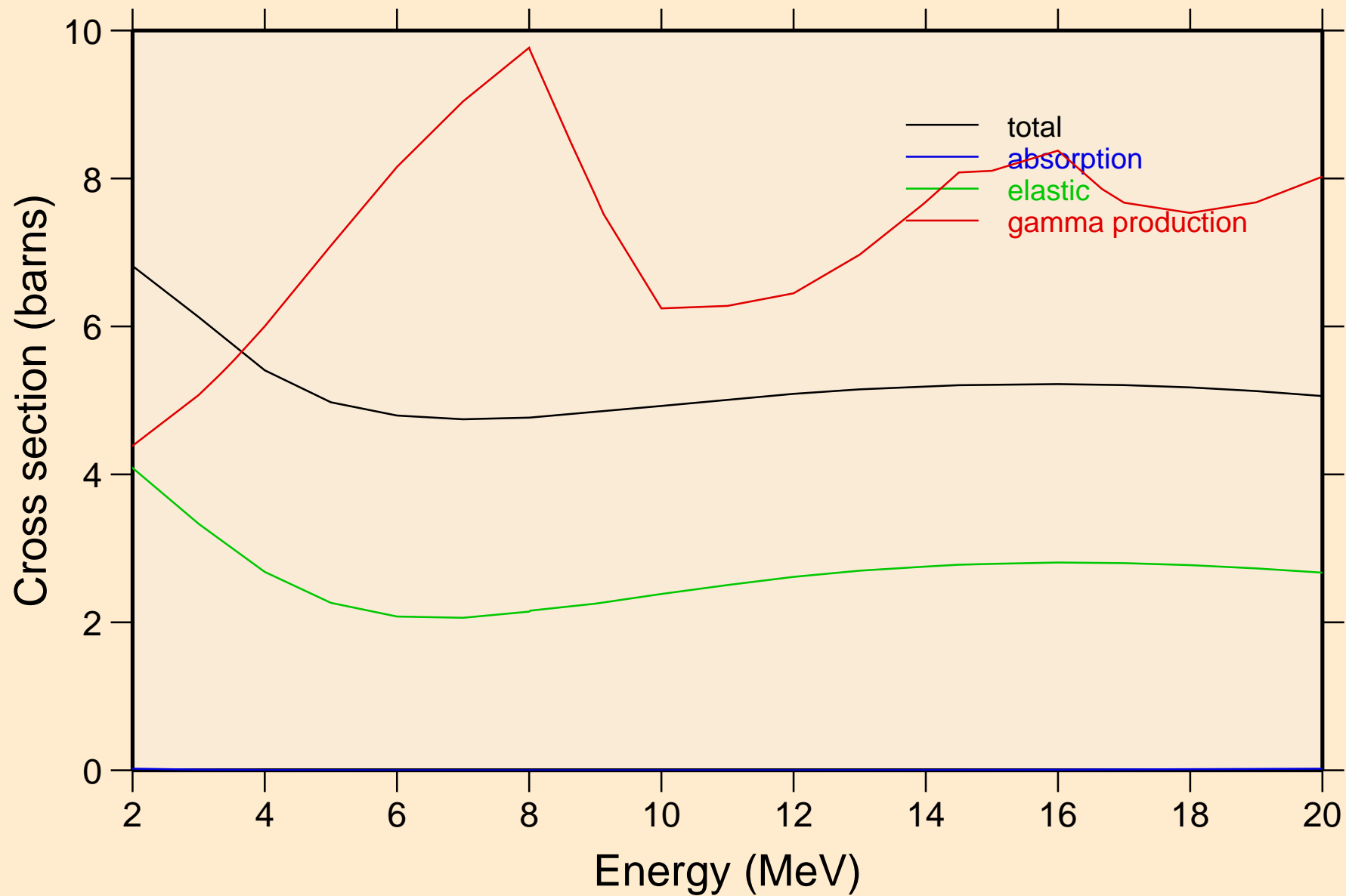


ENDF/B-VII SM-154  
Non-threshold reactions



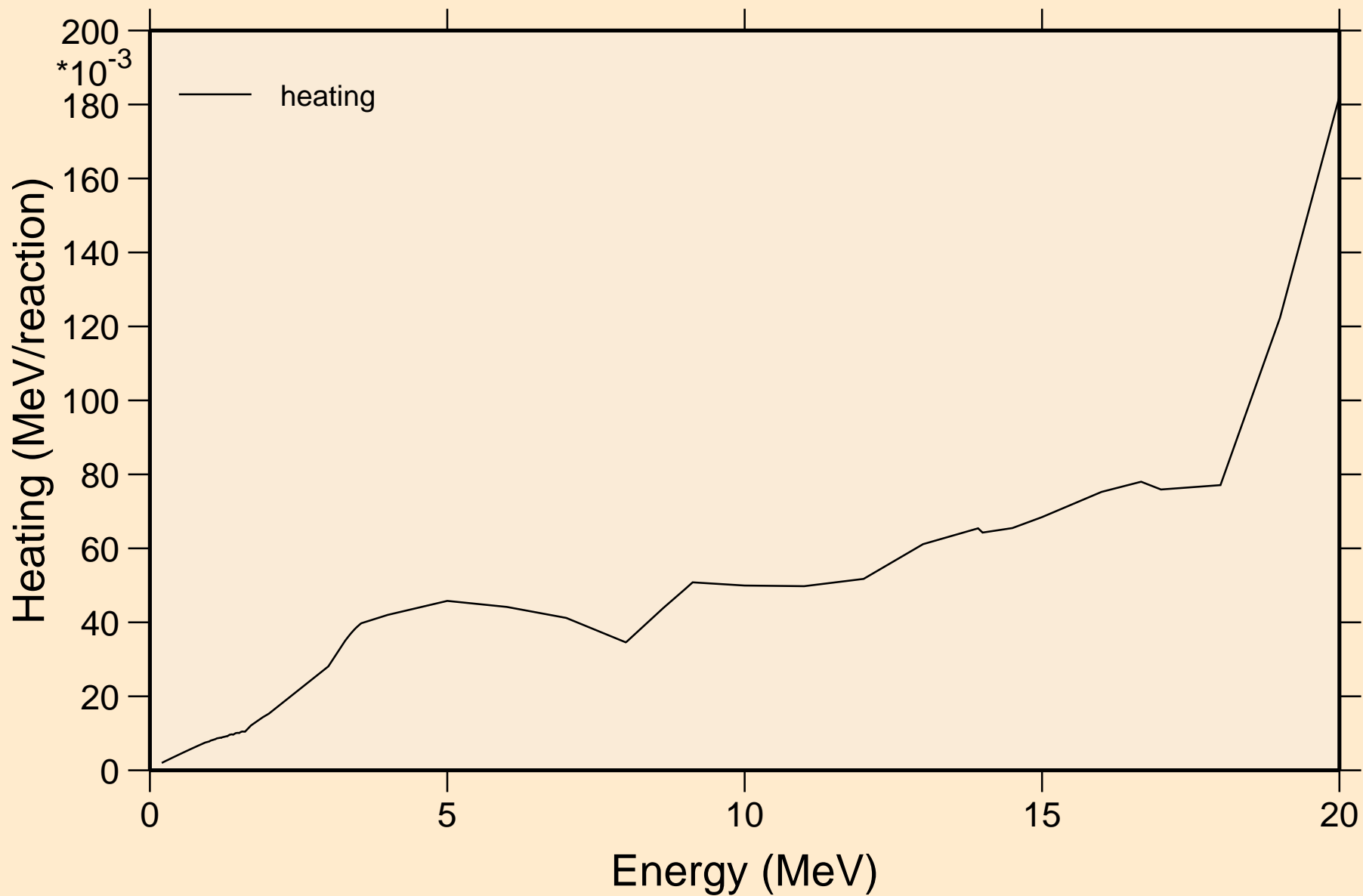
# ENDF/B-VII SM-154

## Principal cross sections



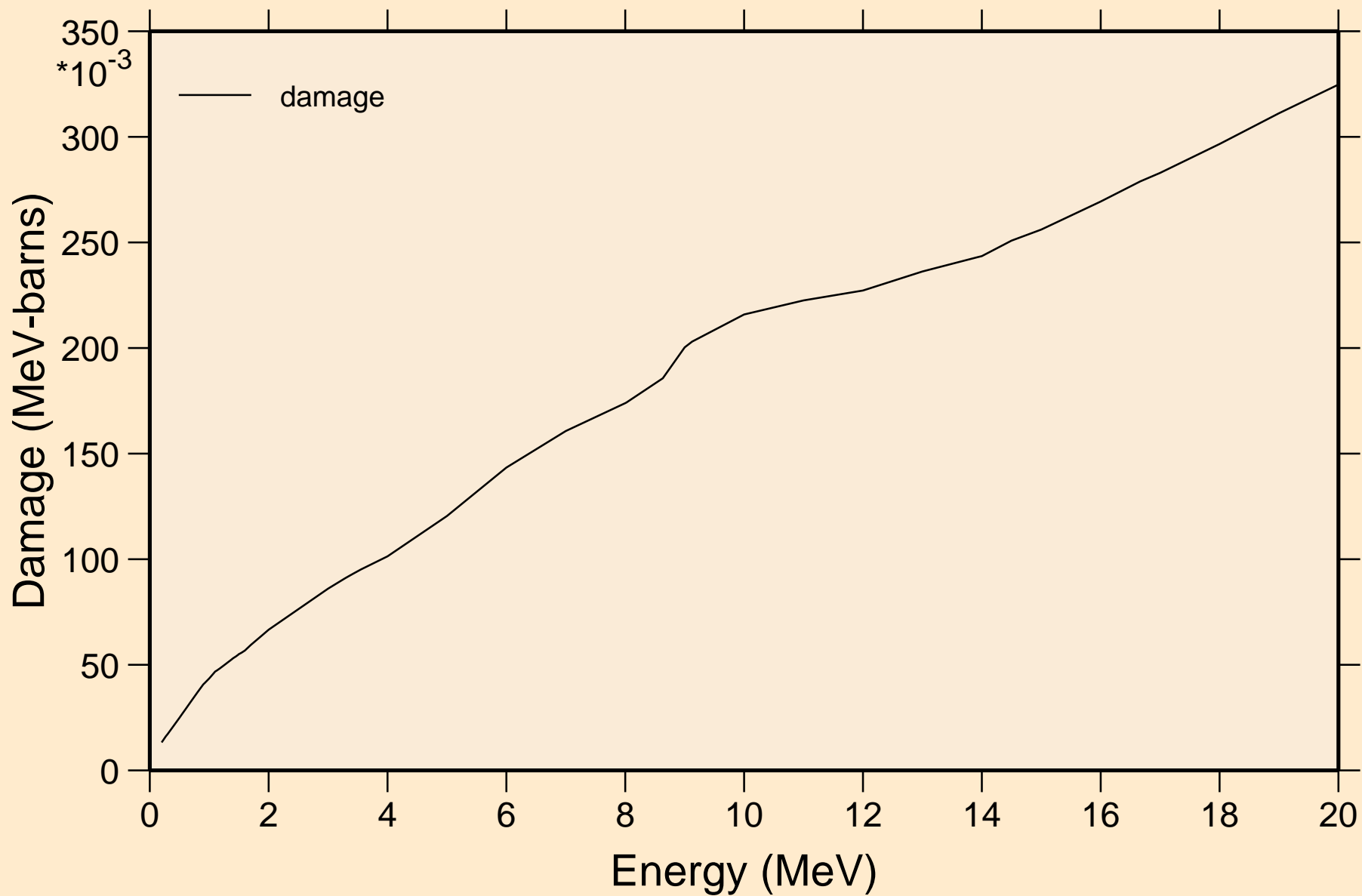
# ENDF/B-VII SM-154

## Heating



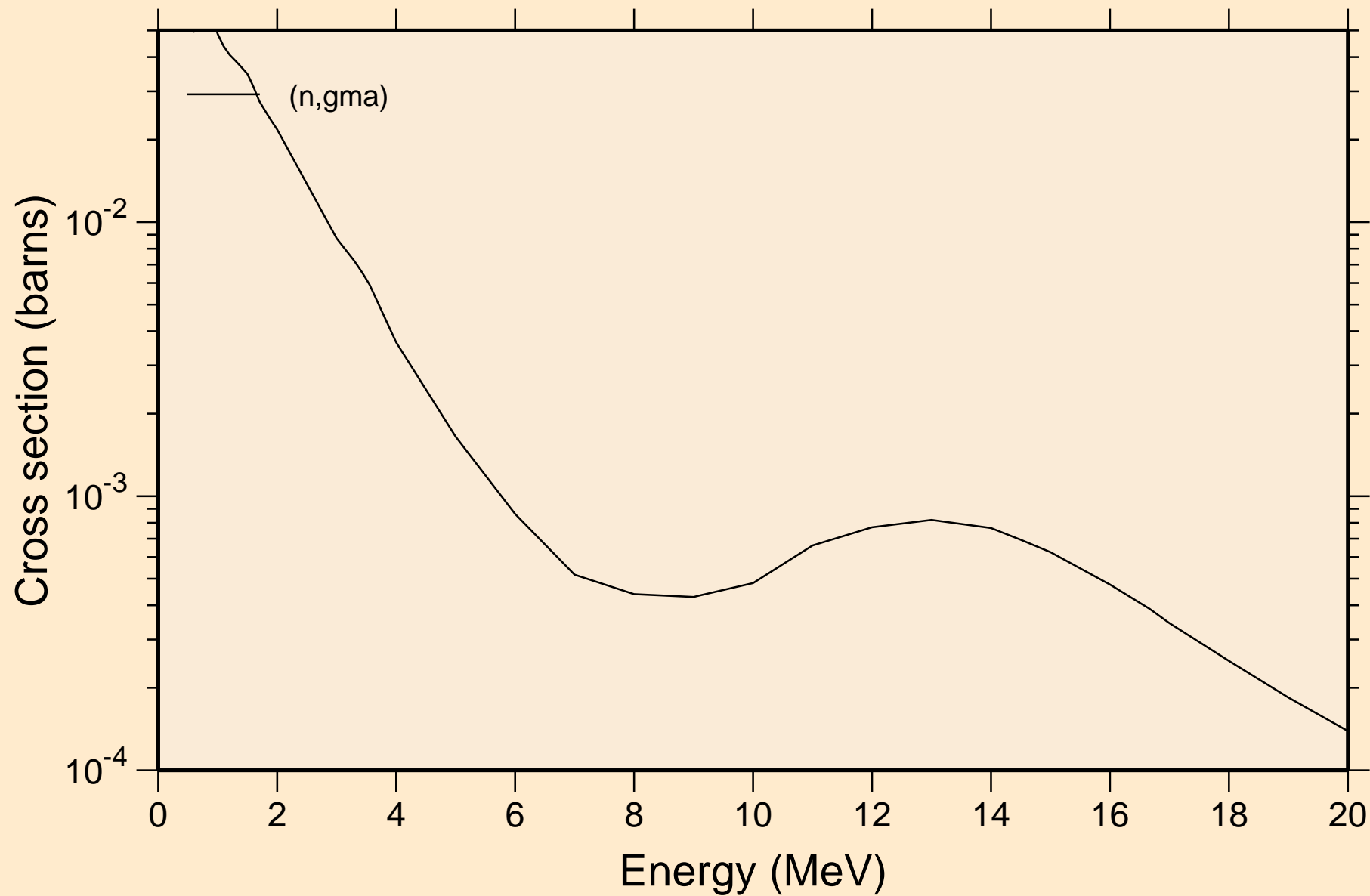
# ENDF/B-VII SM-154

## Damage



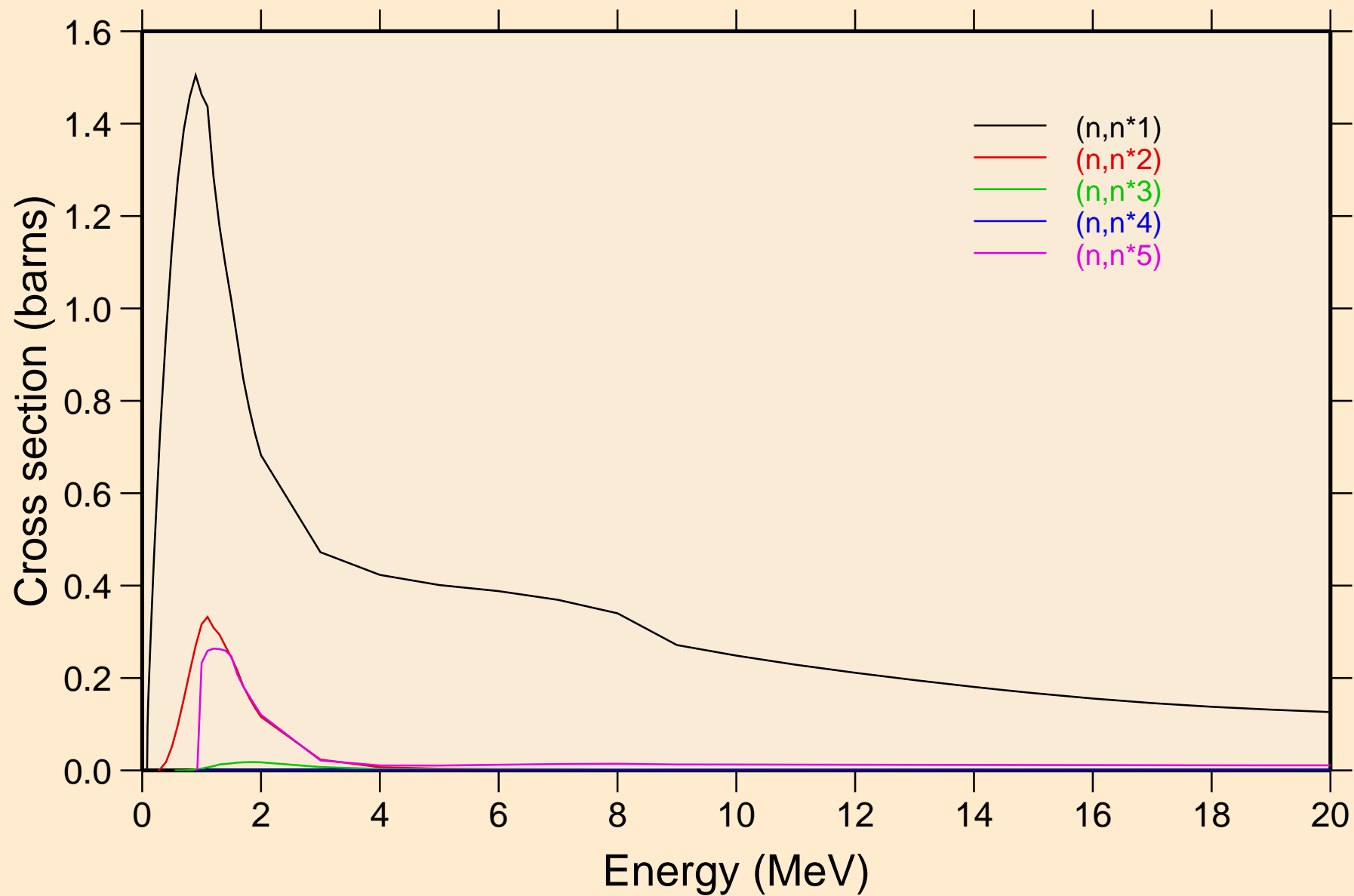


ENDF/B-VII SM-154  
Non-threshold reactions



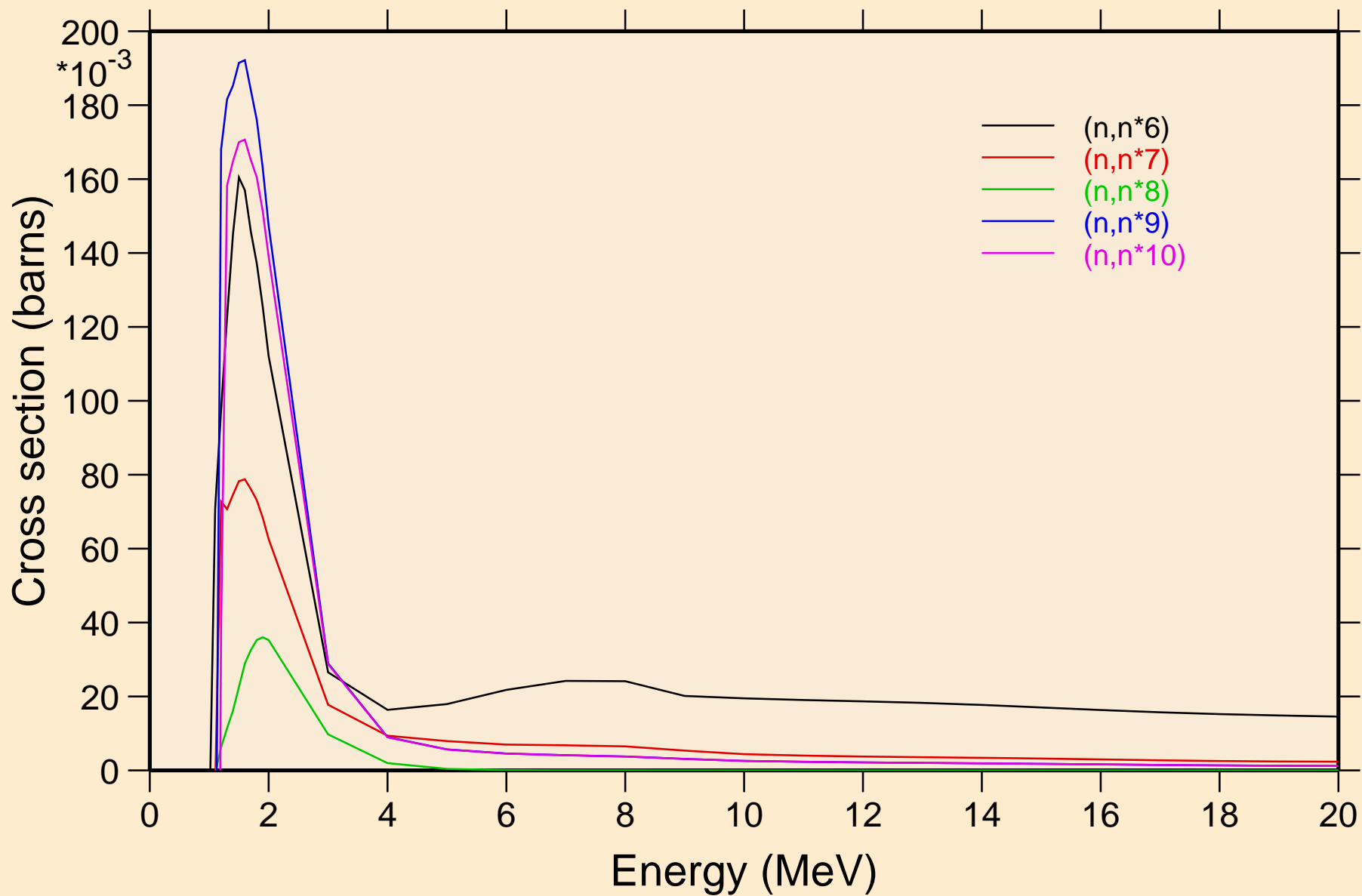
# ENDF/B-VII SM-154

## Inelastic levels



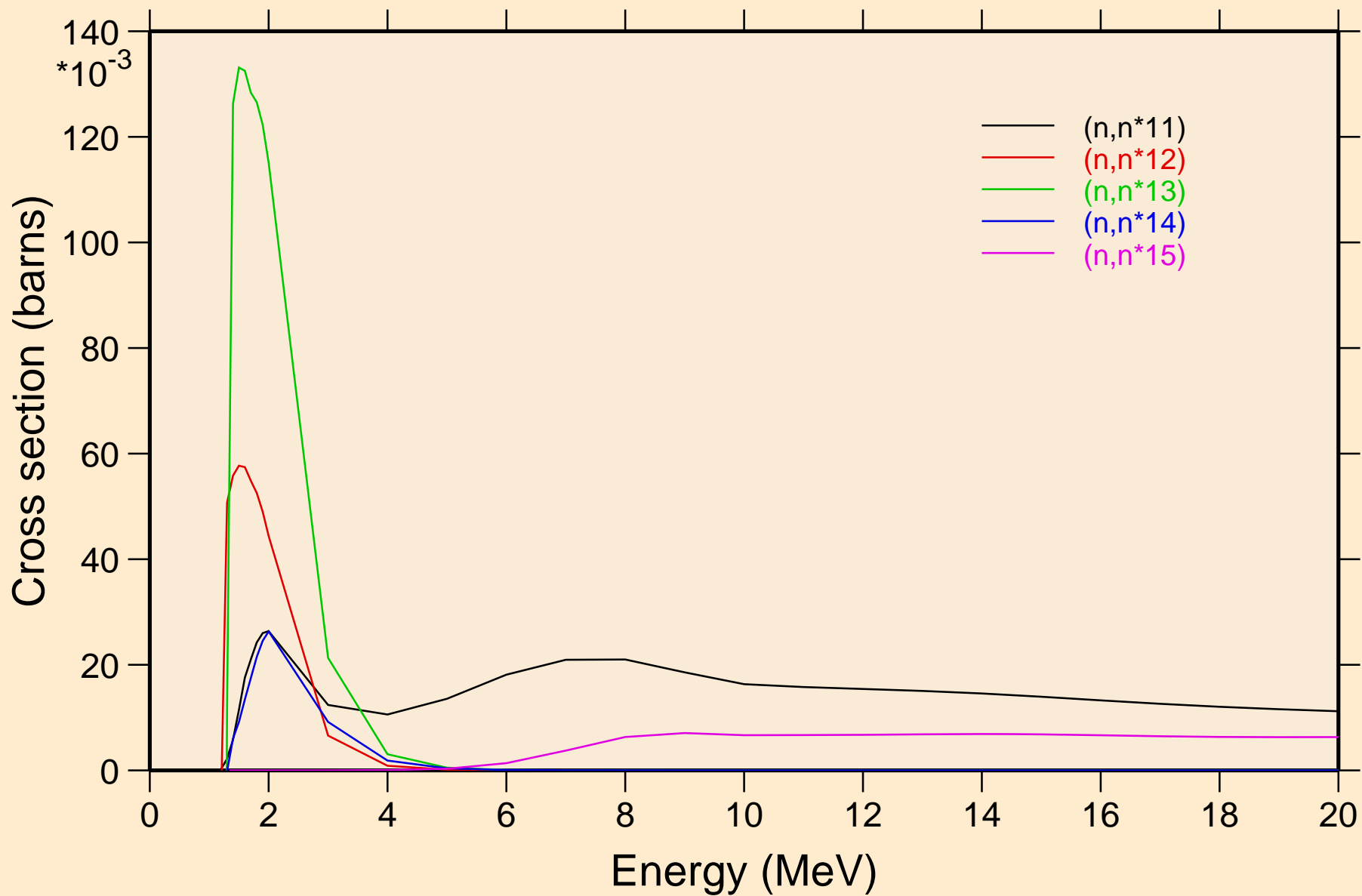
# ENDF/B-VII SM-154

## Inelastic levels



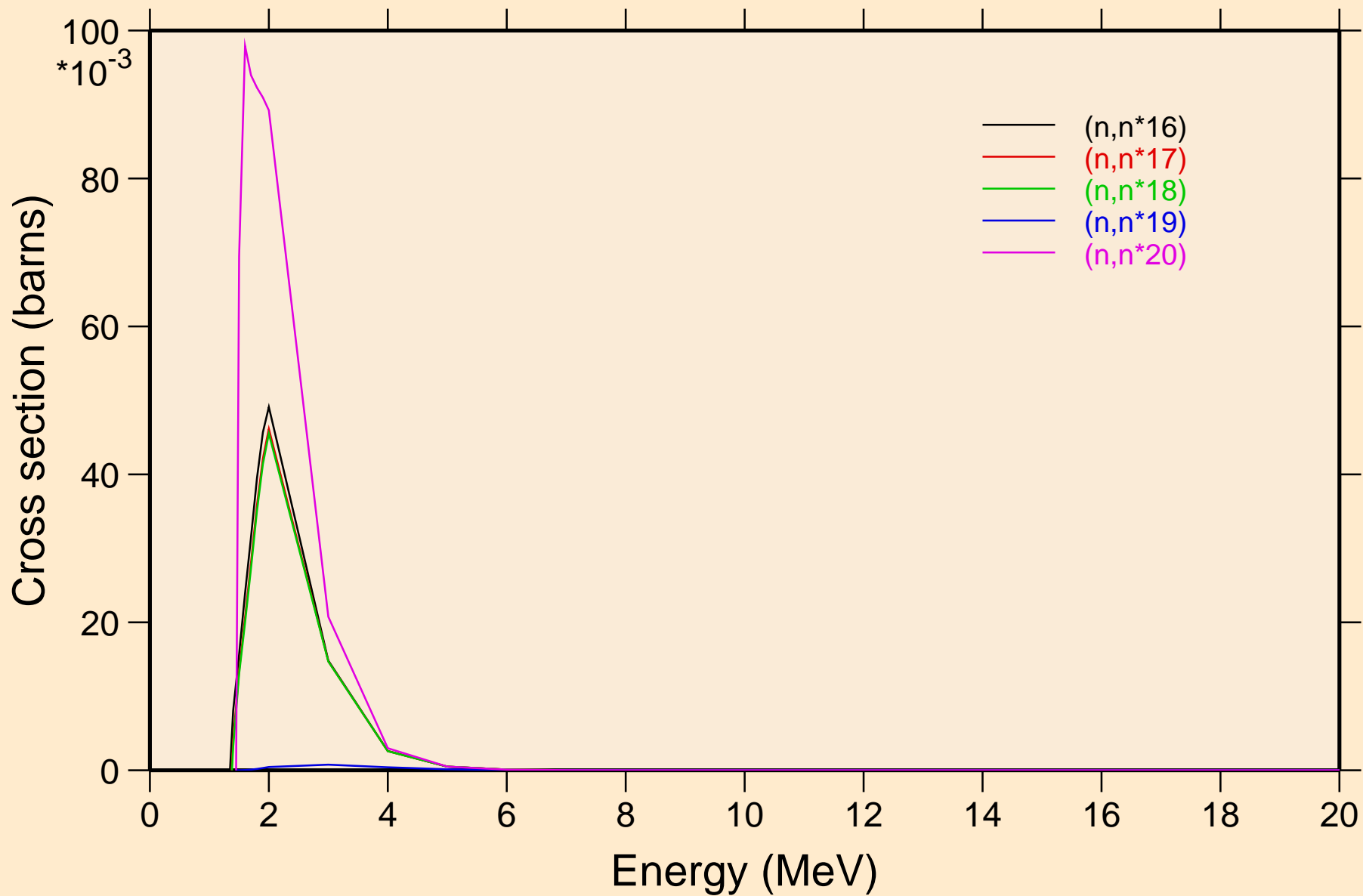
# ENDF/B-VII SM-154

## Inelastic levels



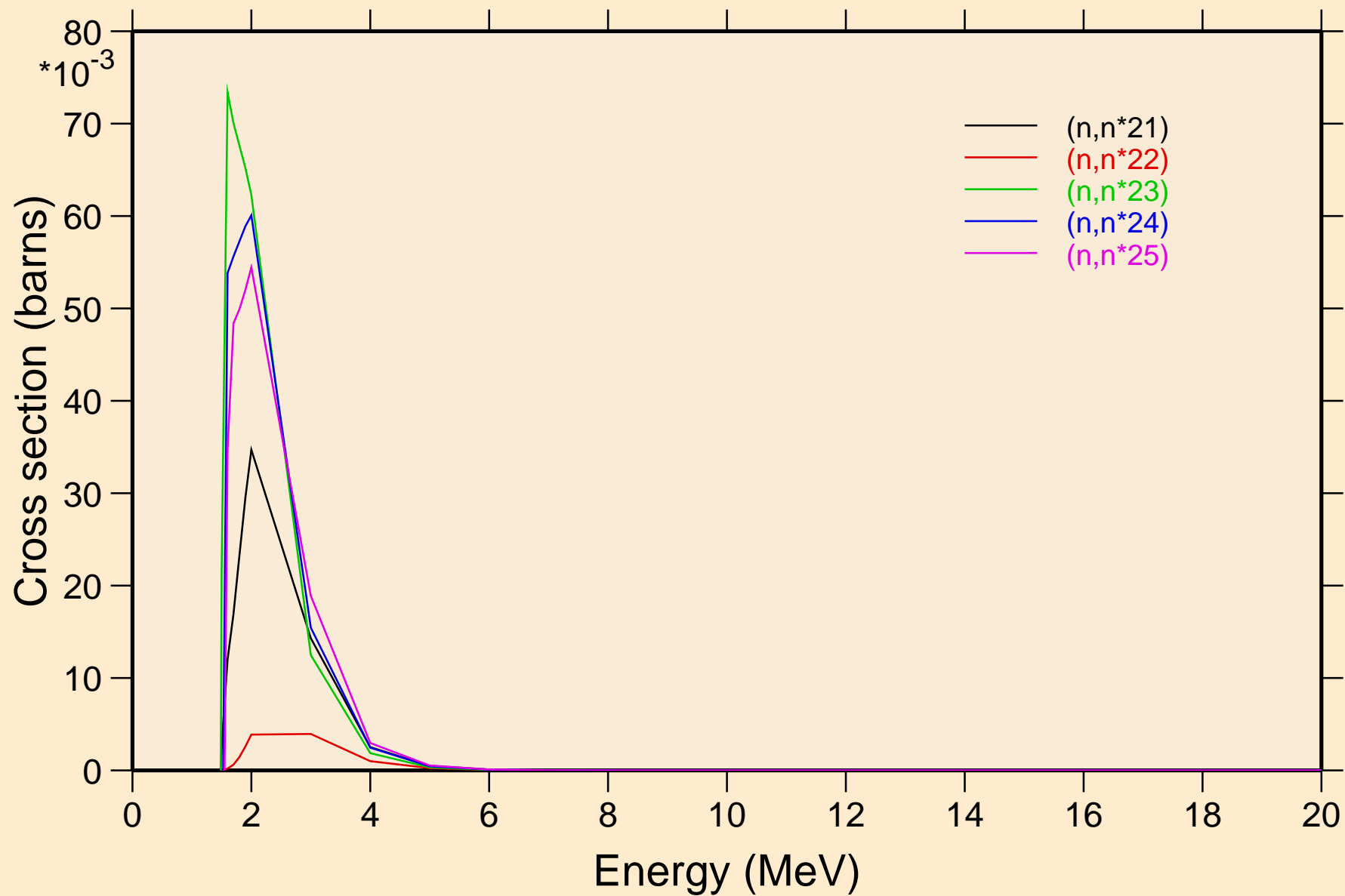
# ENDF/B-VII SM-154

## Inelastic levels



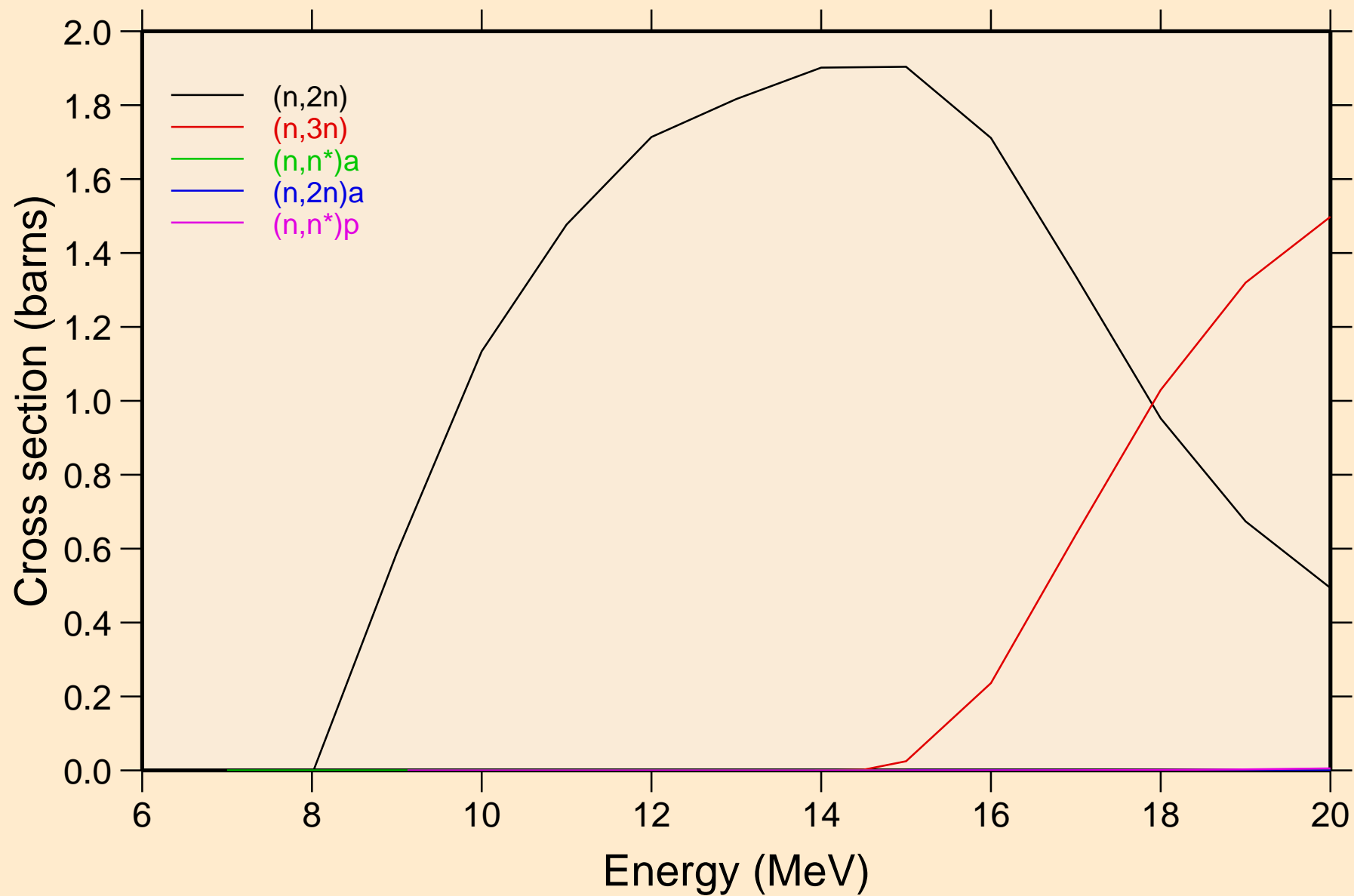
# ENDF/B-VII SM-154

## Inelastic levels



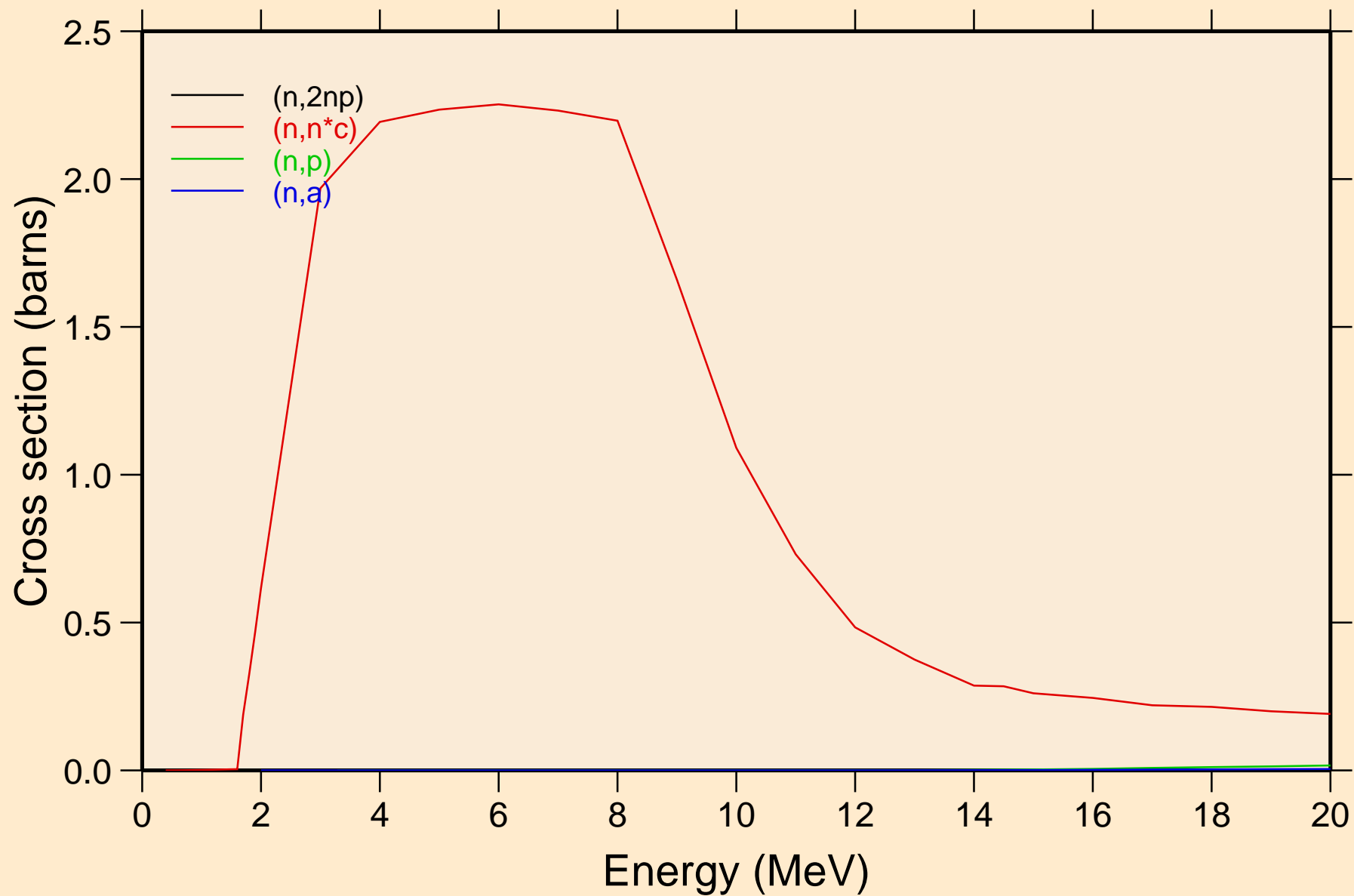
# ENDF/B-VII SM-154

## Threshold reactions



# ENDF/B-VII SM-154

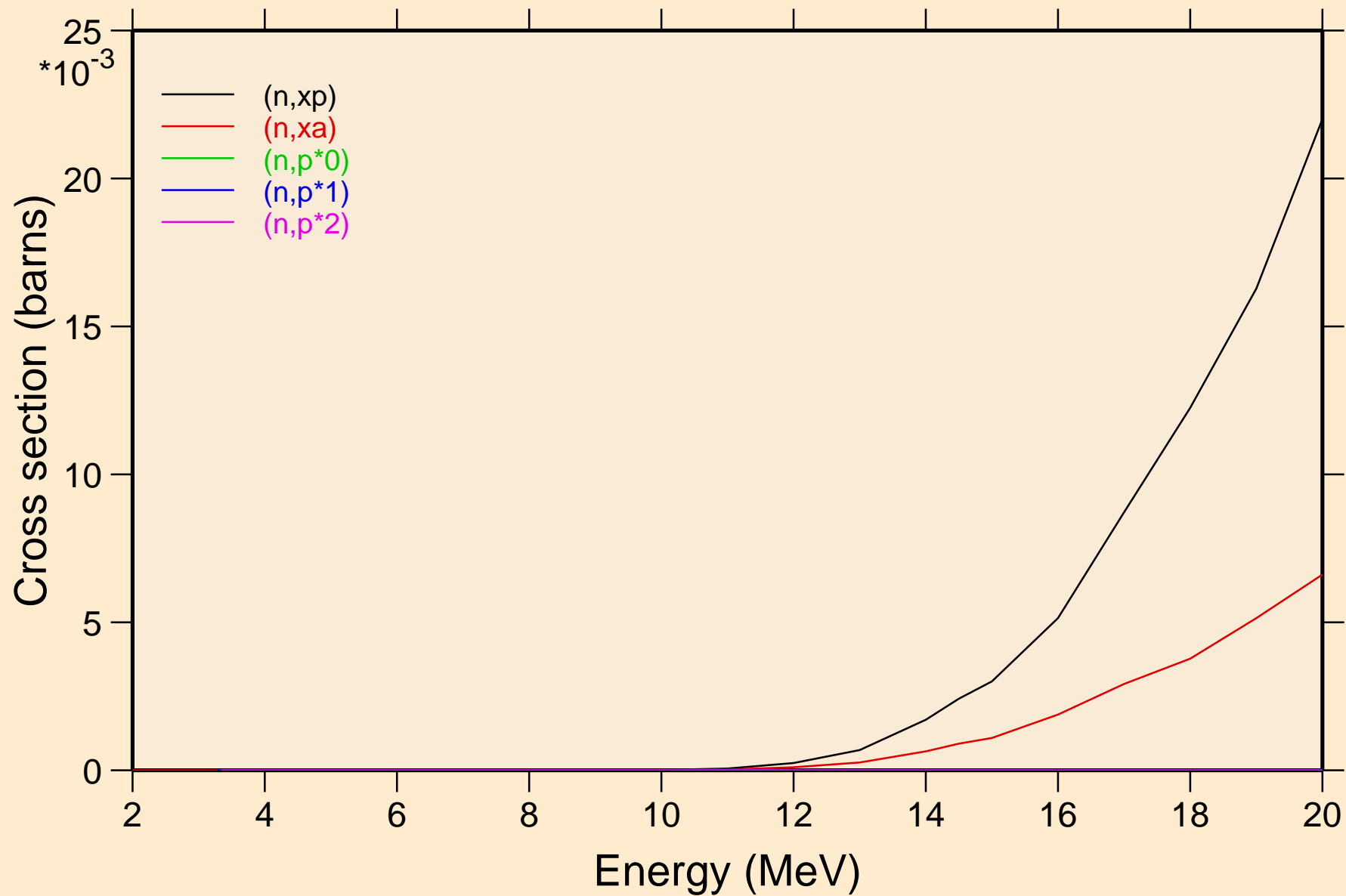
## Threshold reactions





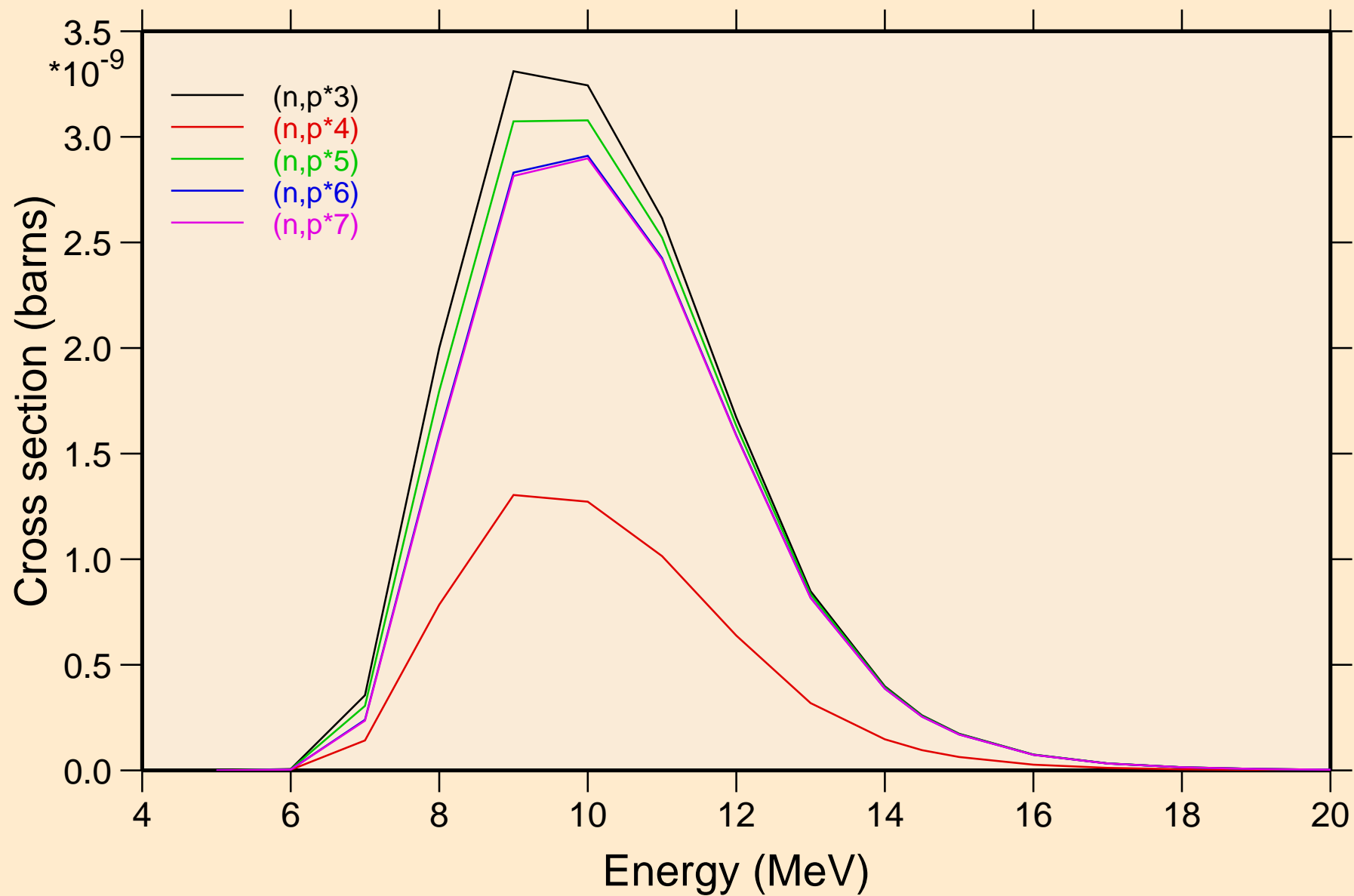
# ENDF/B-VII SM-154

## Threshold reactions



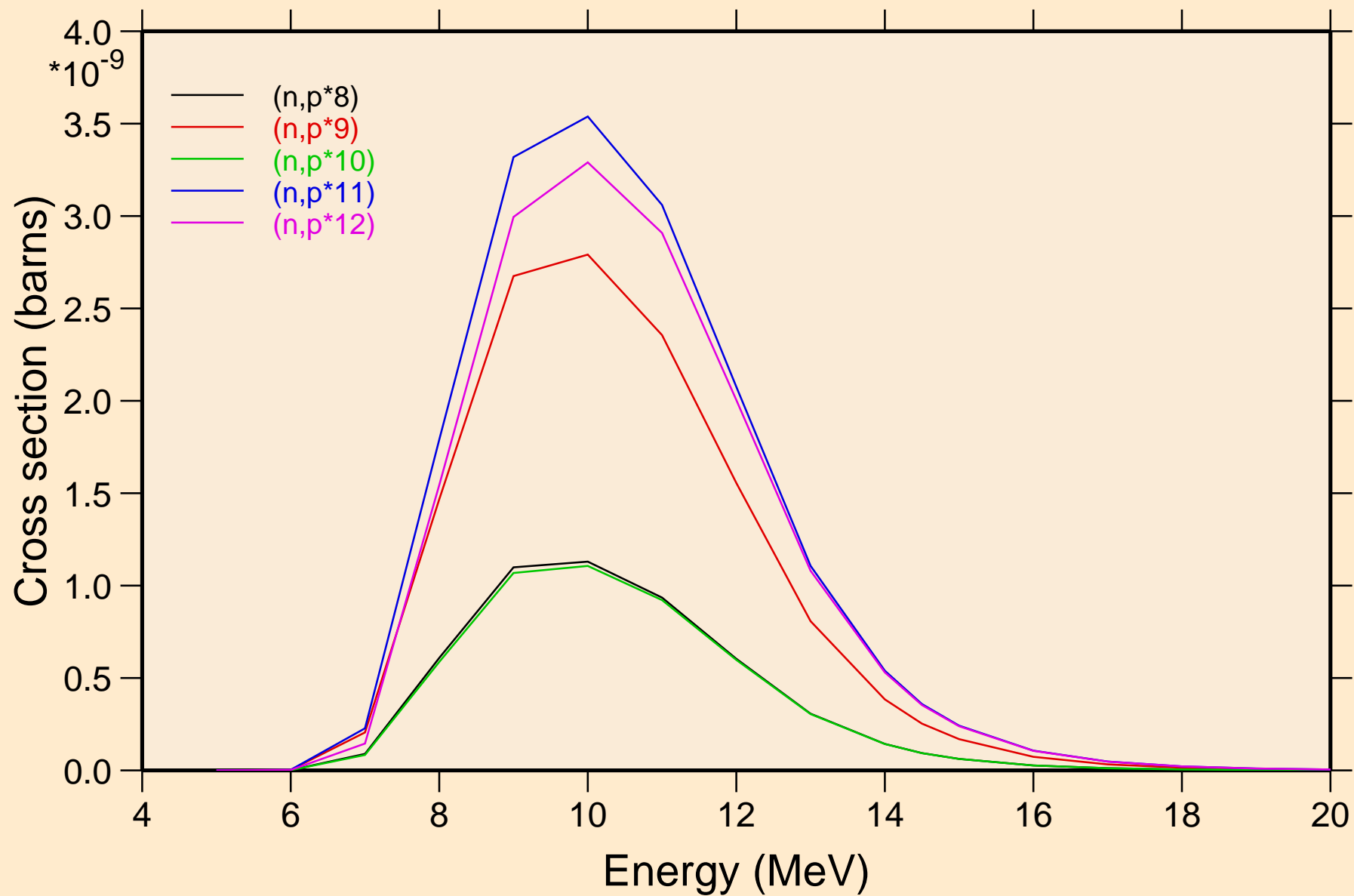
# ENDF/B-VII SM-154

## Threshold reactions



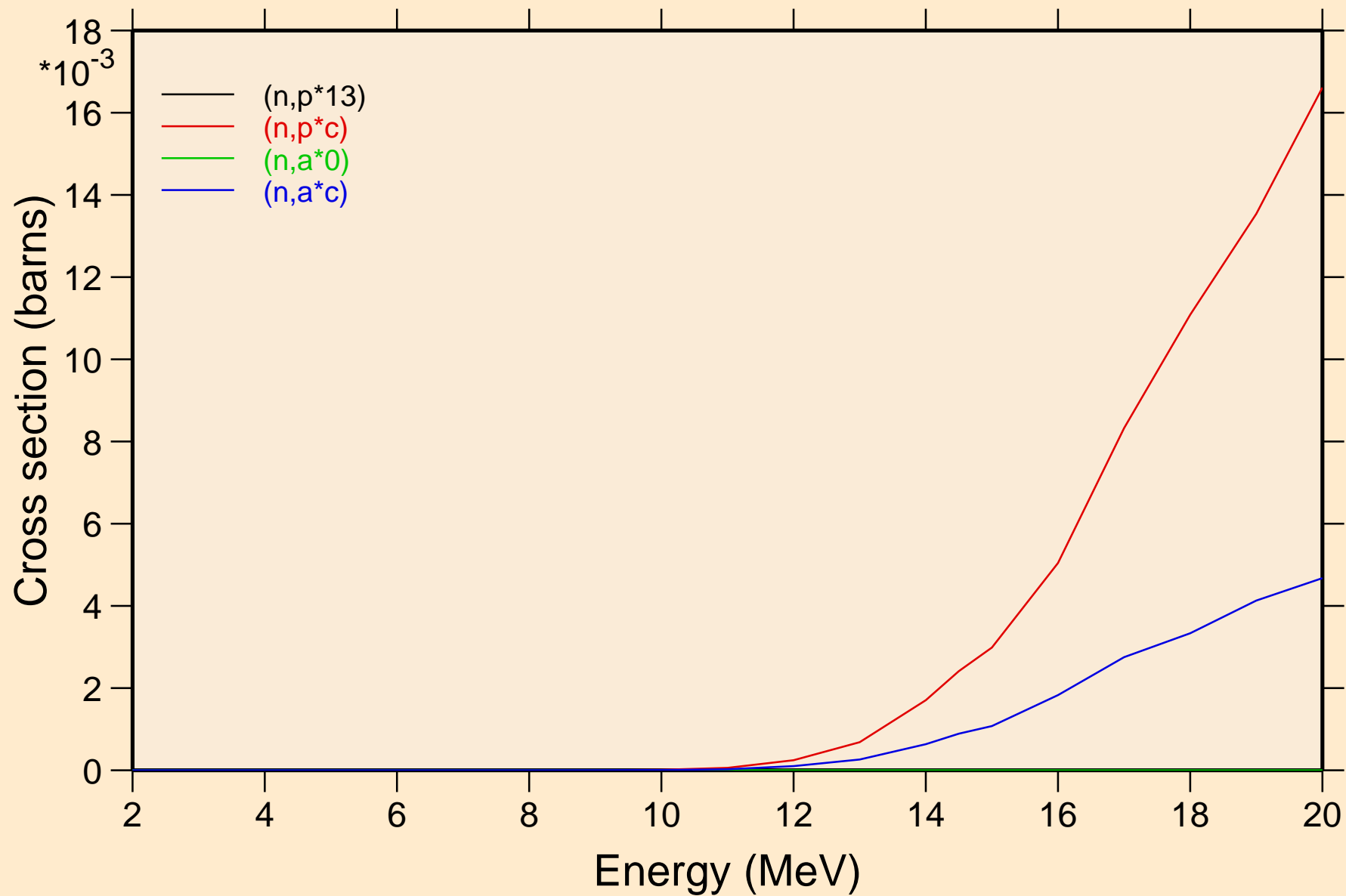
# ENDF/B-VII SM-154

## Threshold reactions

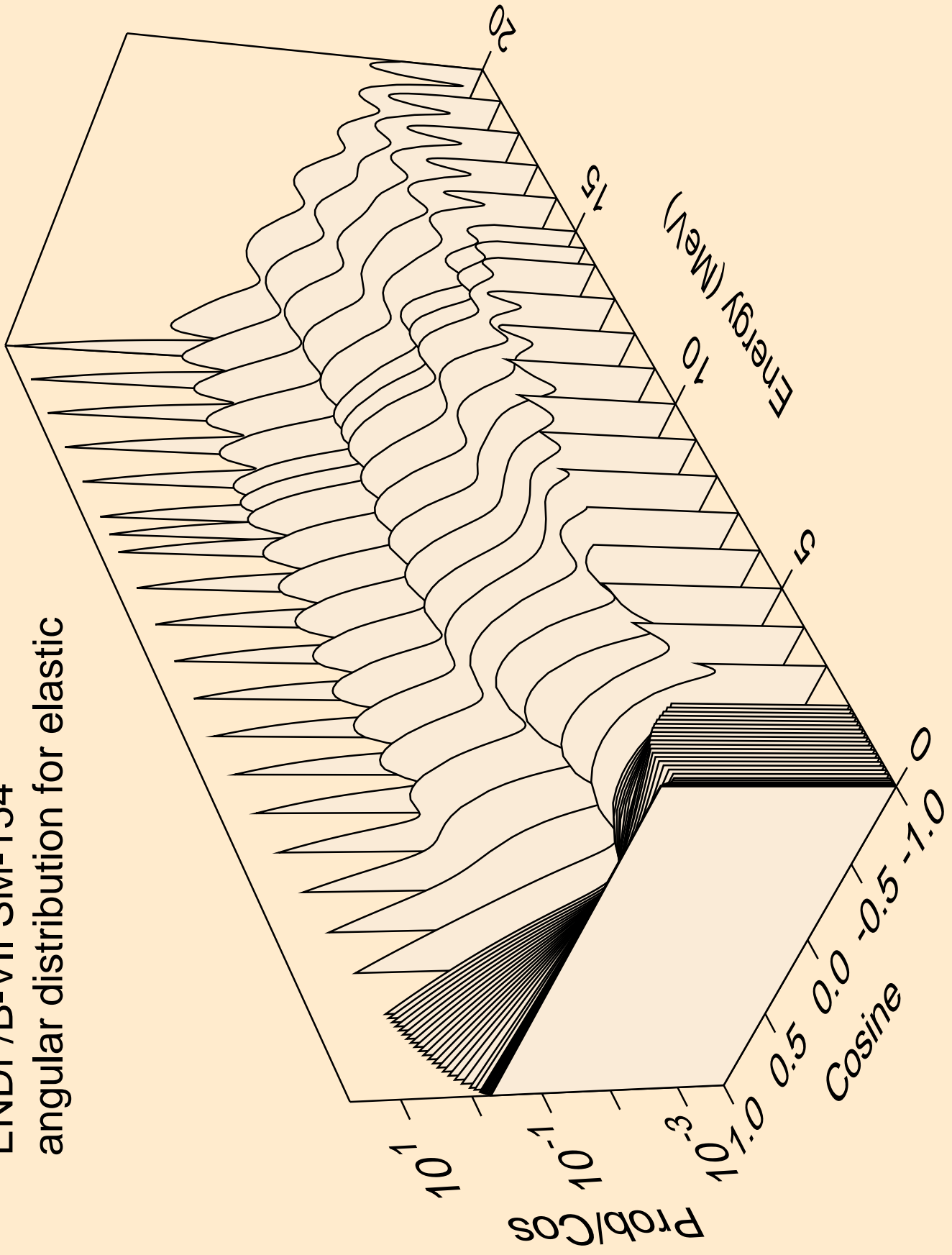


# ENDF/B-VII SM-154

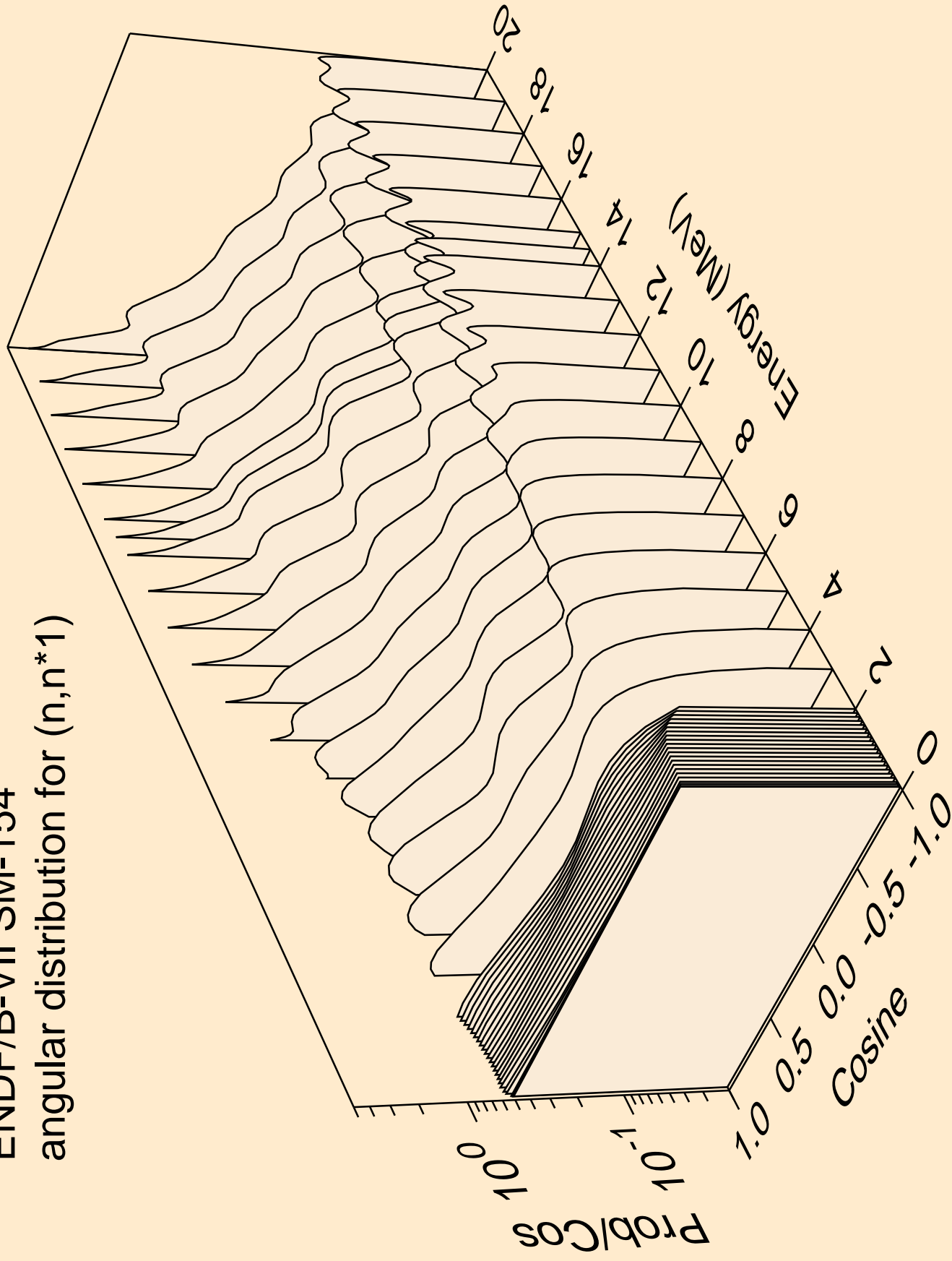
## Threshold reactions



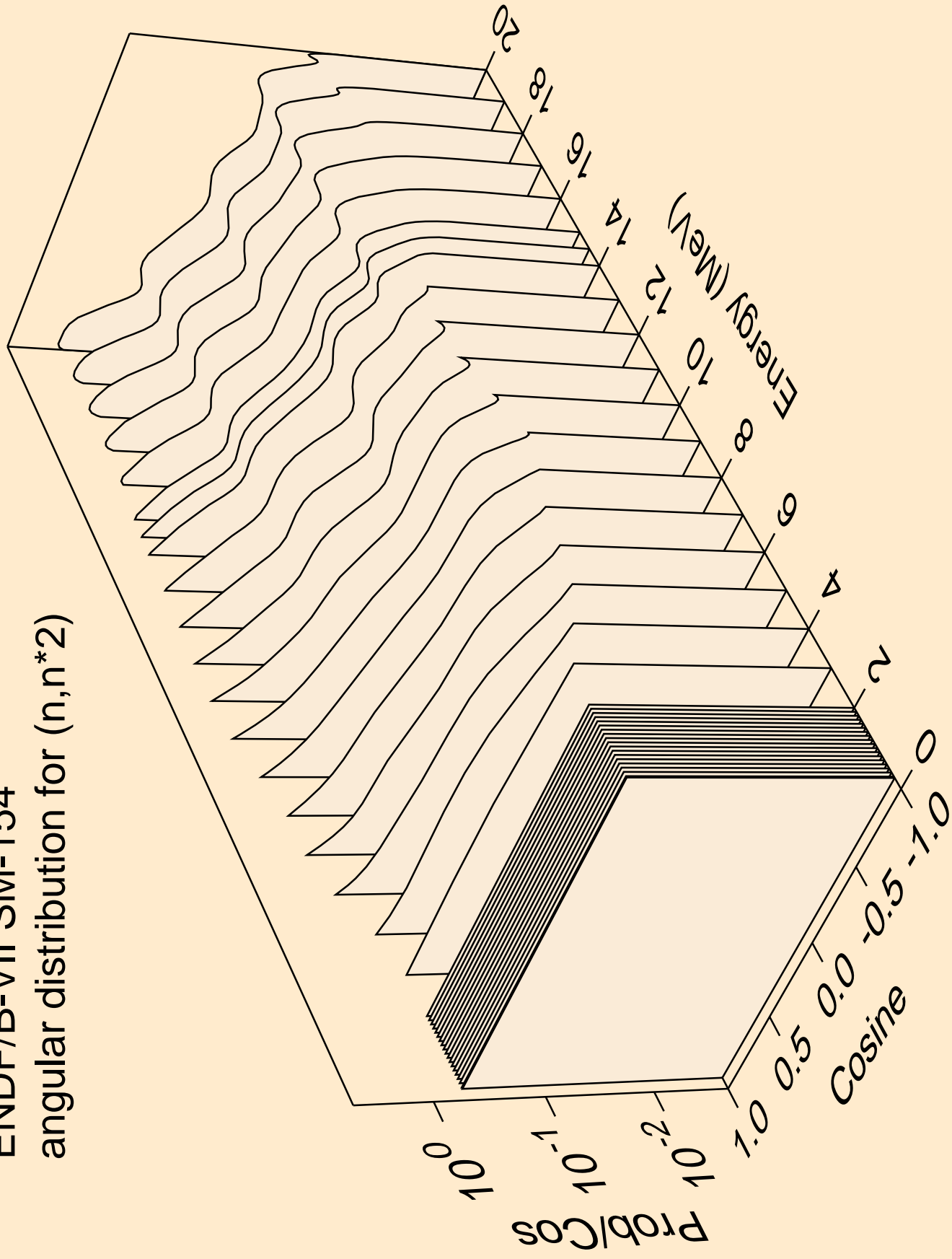
ENDF/B-VII SM-154  
angular distribution for elastic



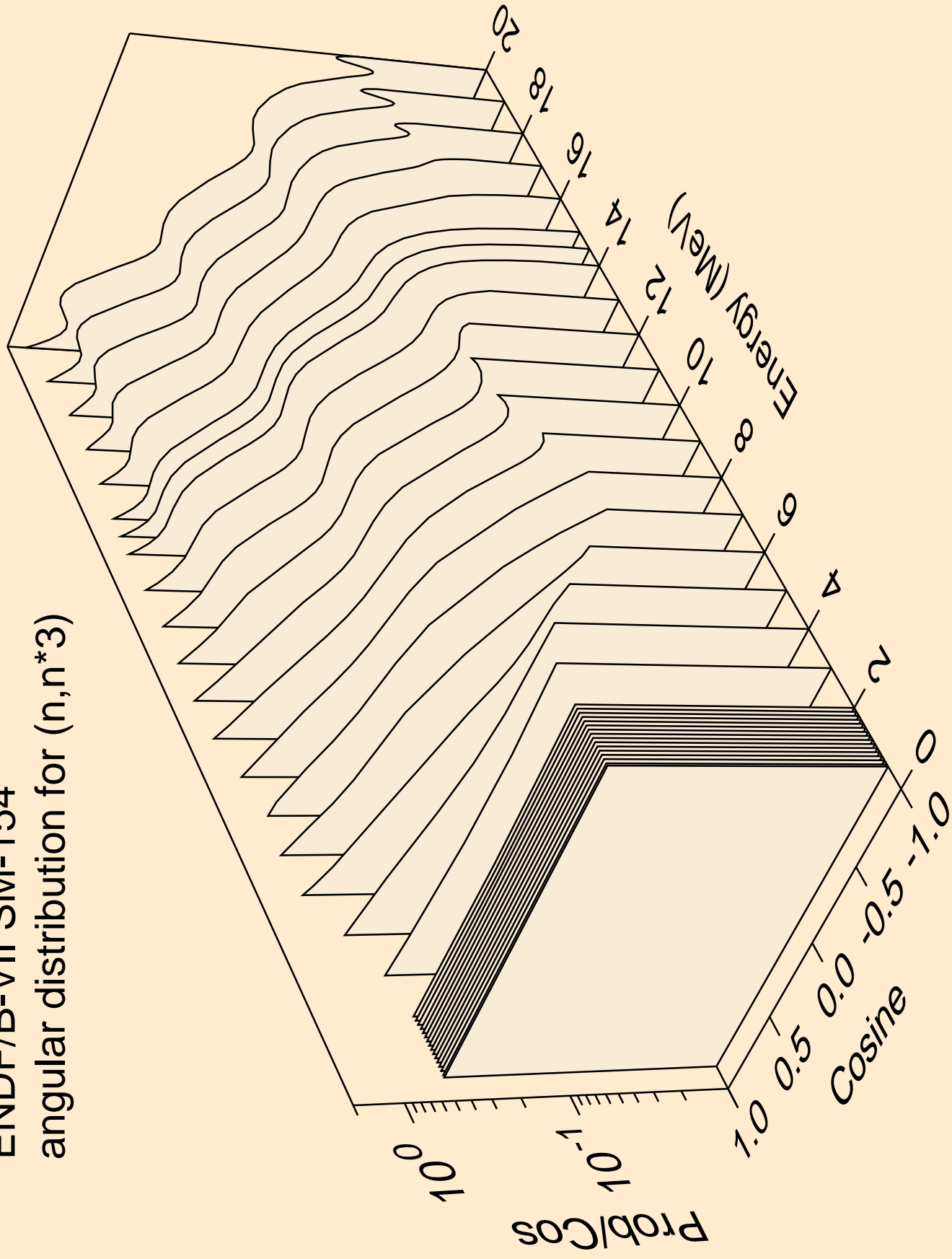
ENDF/B-VII SM-154  
angular distribution for (n,n\*1)



ENDF/B-VII SM-154  
angular distribution for (n,n\*2)

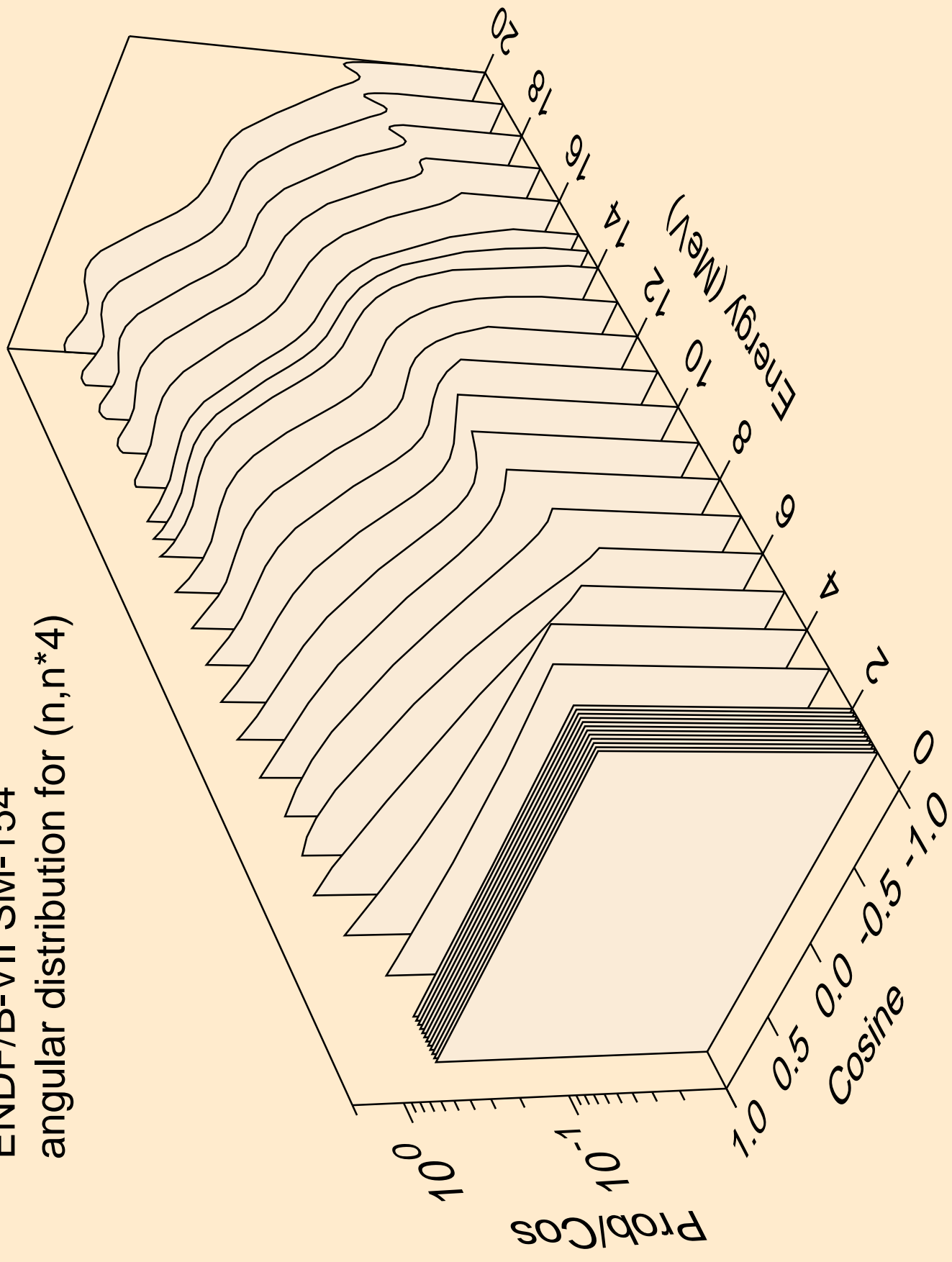


ENDF/B-VII SM-154  
angular distribution for (n,n\*3)

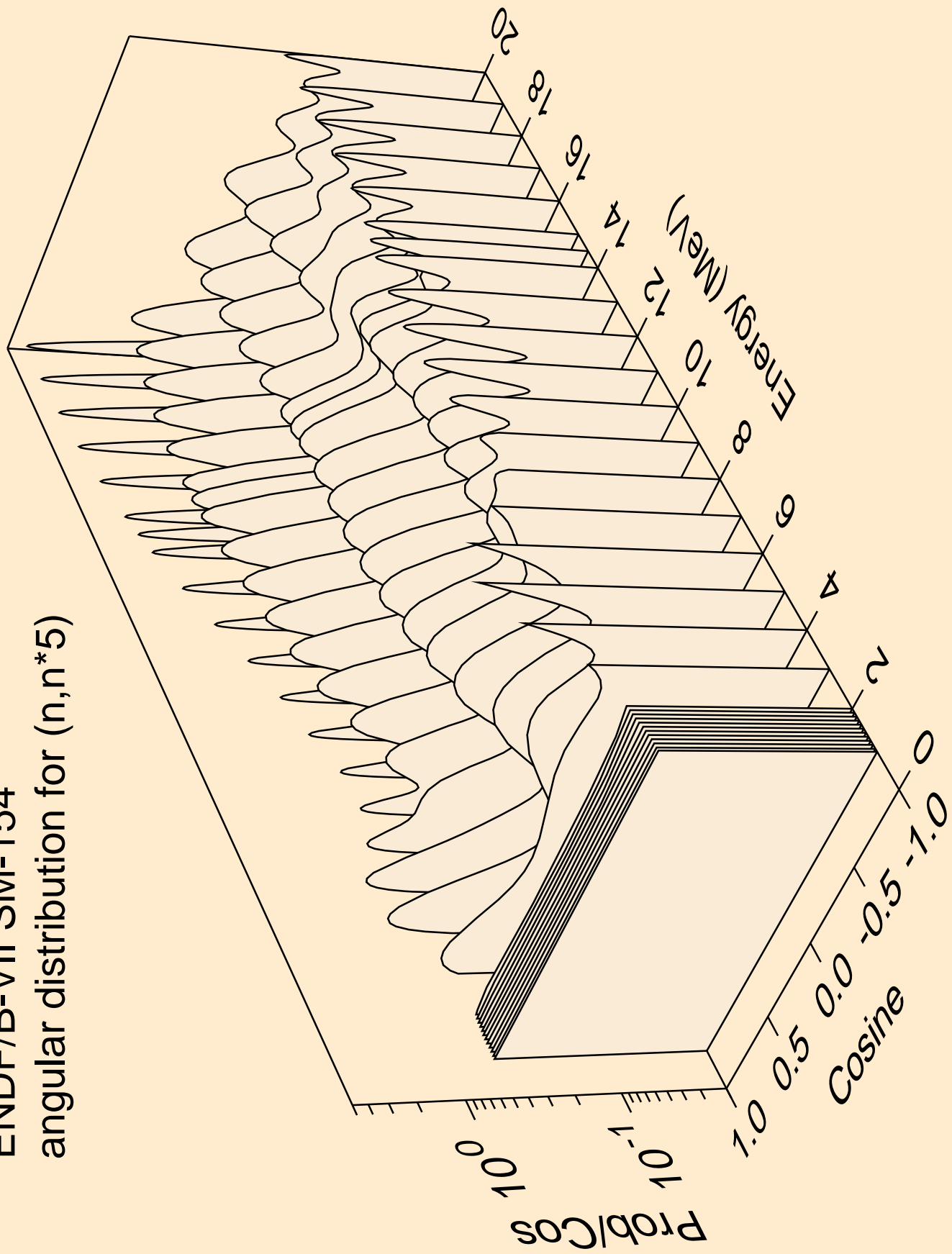




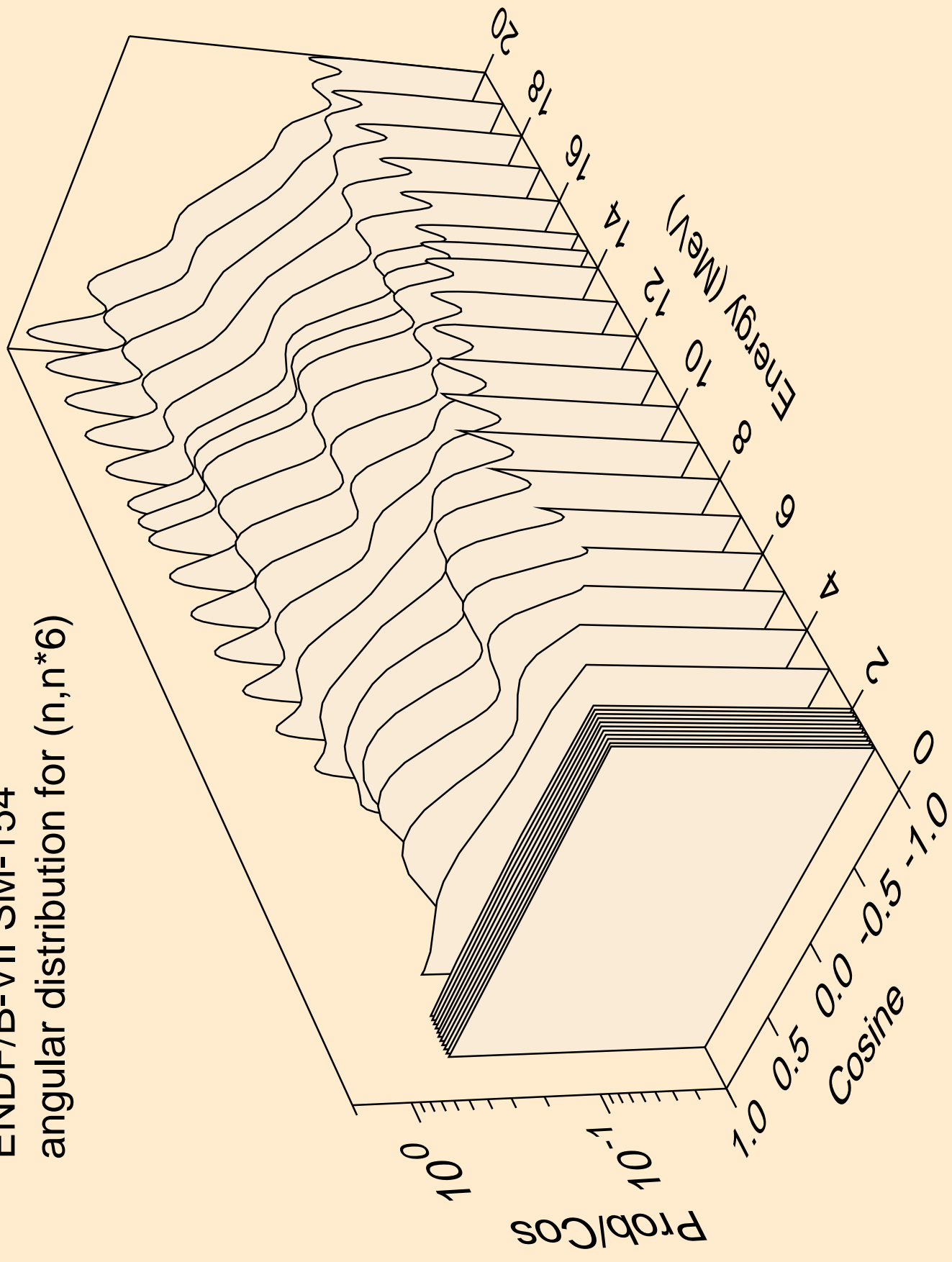
ENDF/B-VII SM-154  
angular distribution for (n,n\*4)



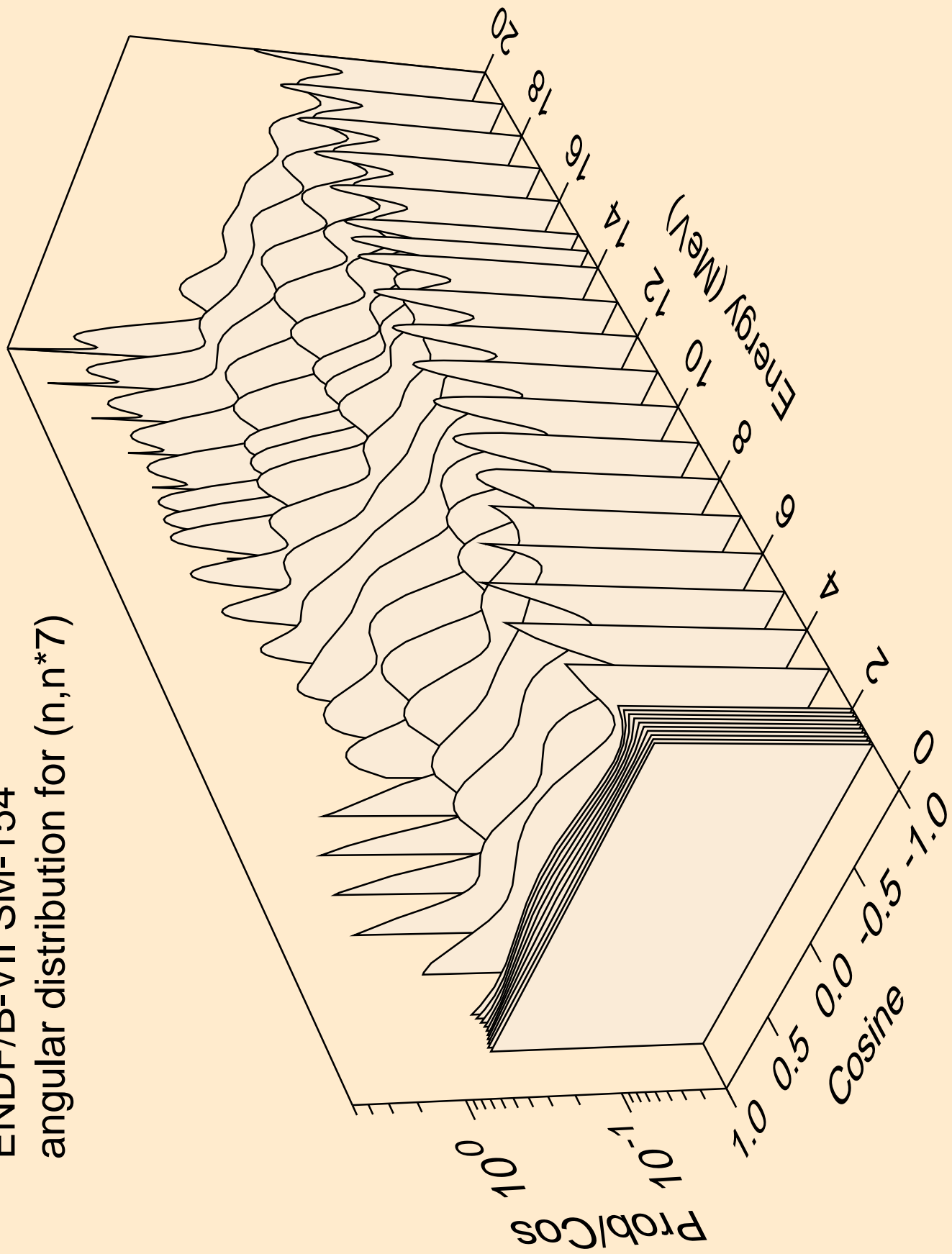
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angular distribution for (n,n\*5)



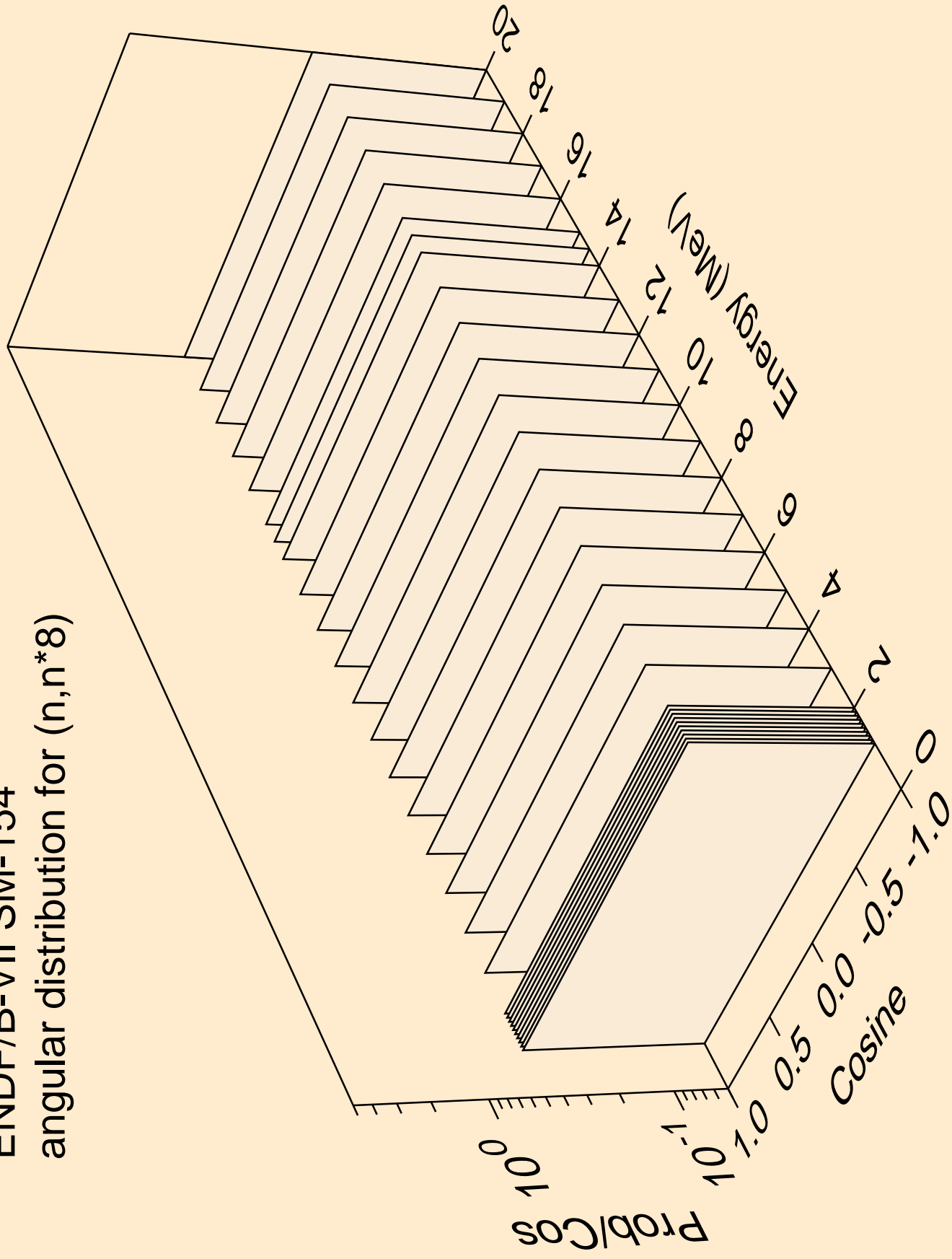
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angular distribution for (n,n\*6)



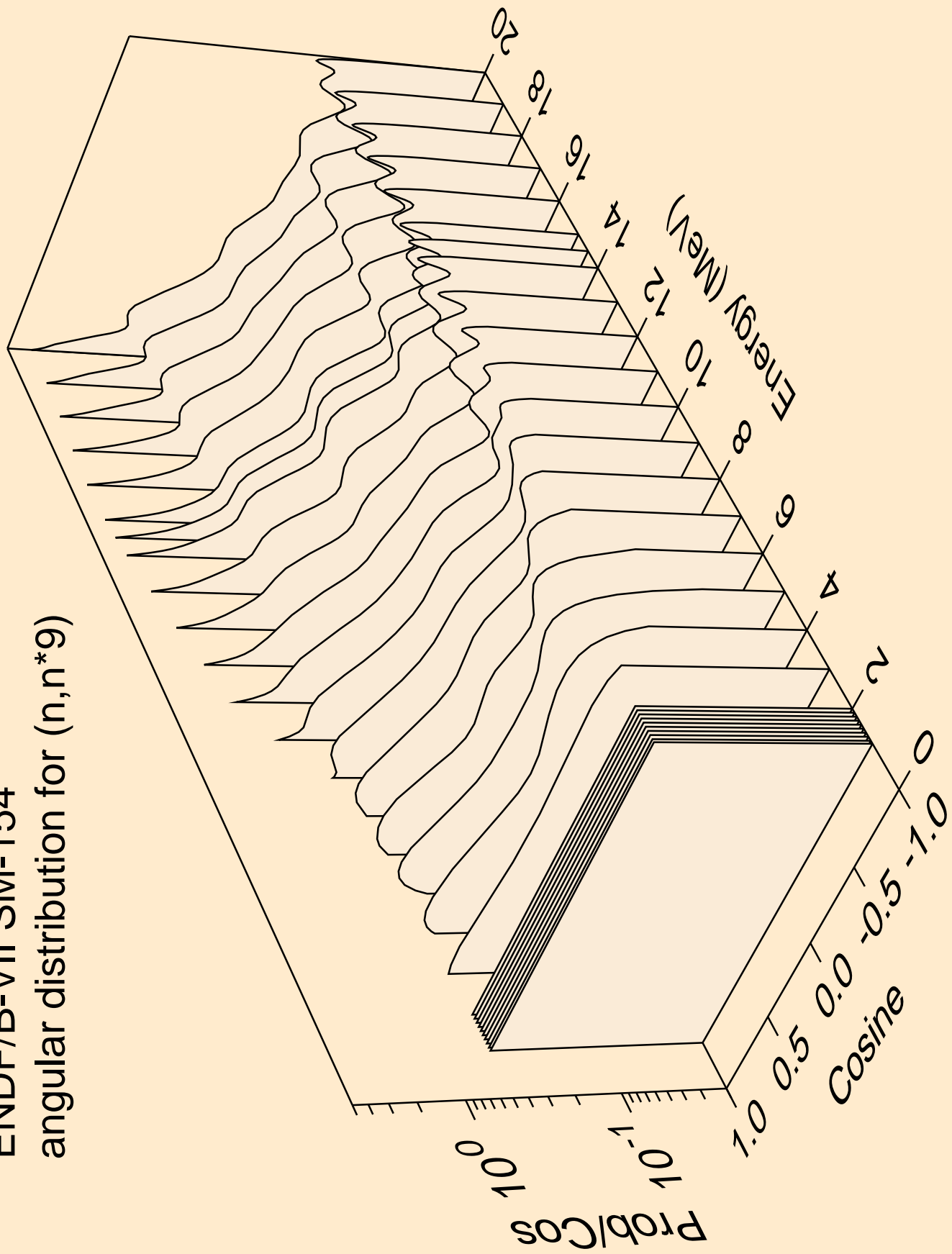
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angular distribution for (n,n\*7)



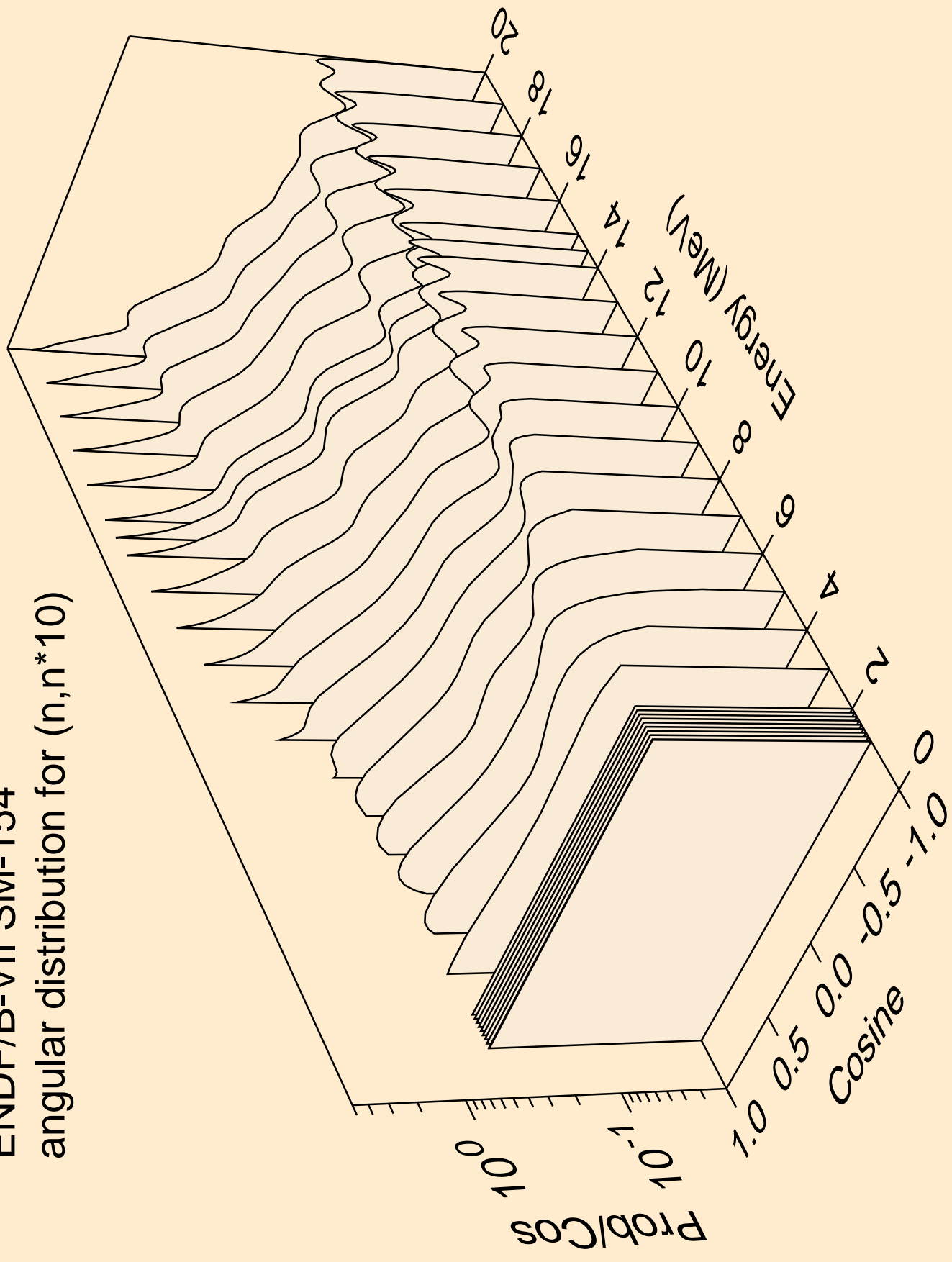
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angular distribution for (n,n\*8)



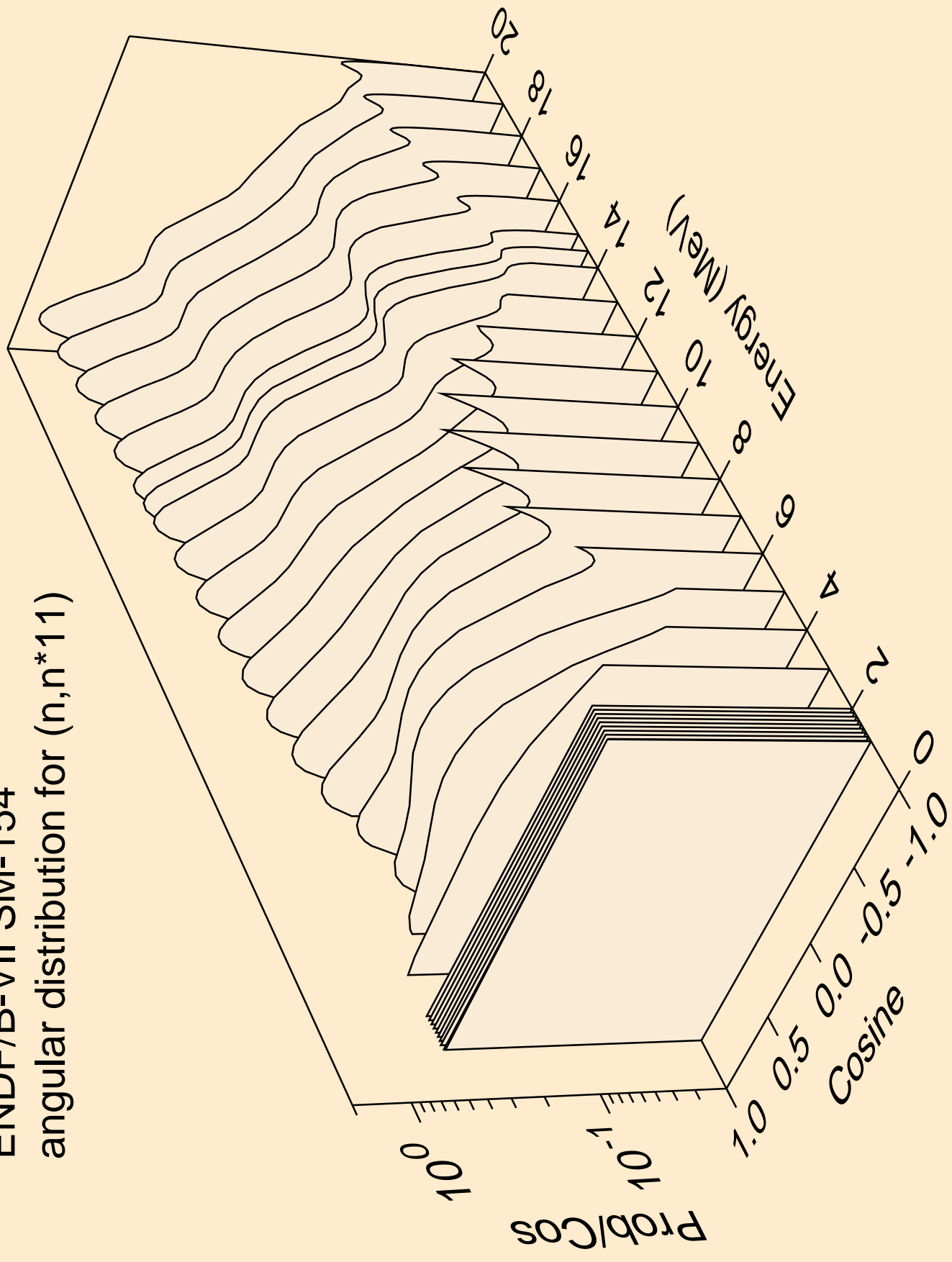
ENDF/B-VII SM-154  
angular distribution for (n,n\*9)



ENDF/B-VII SM-154  
angular distribution for (n,n\*10)

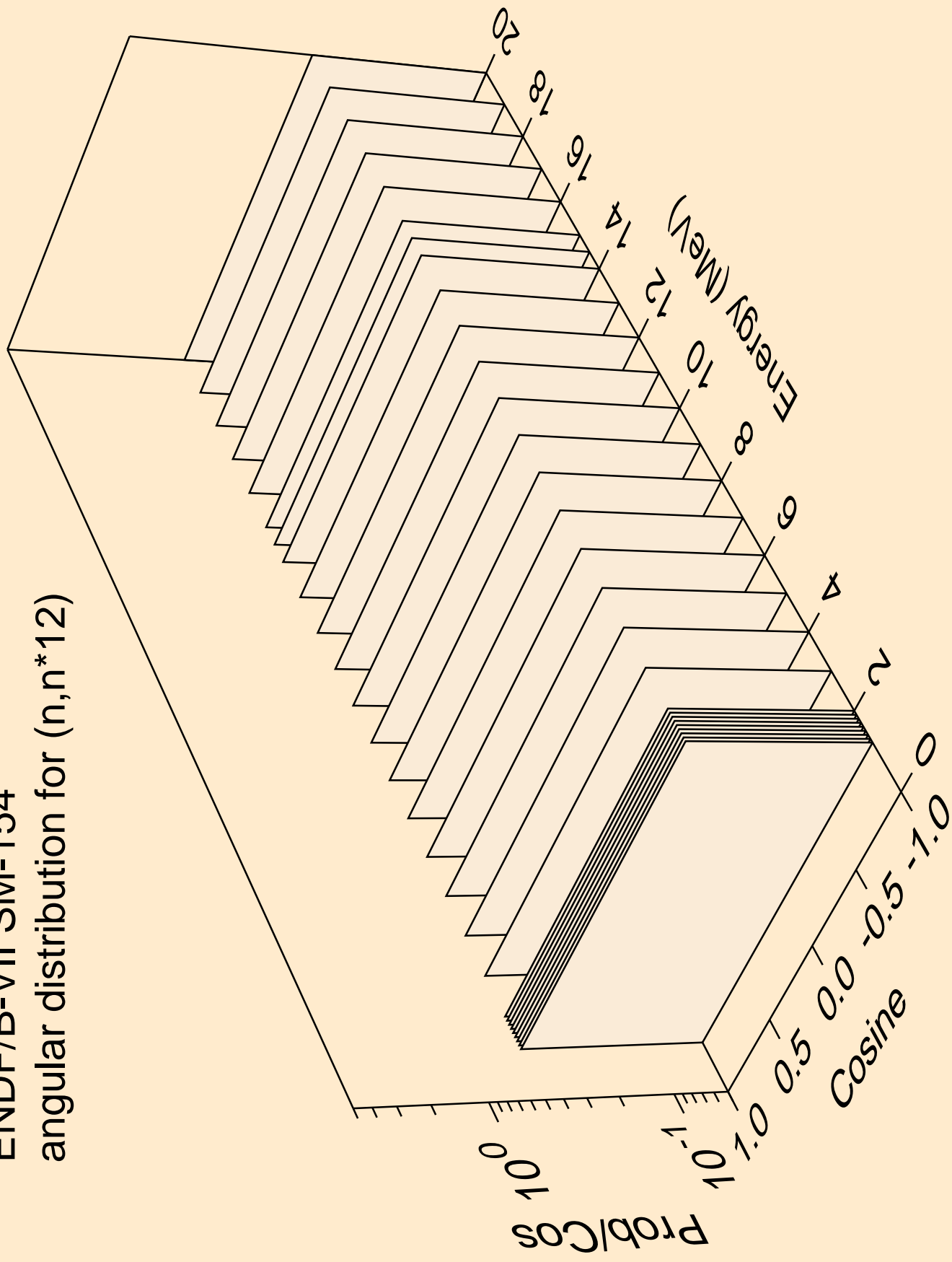


ENDF/B-VII SM-154  
angular distribution for (n,n\*11)

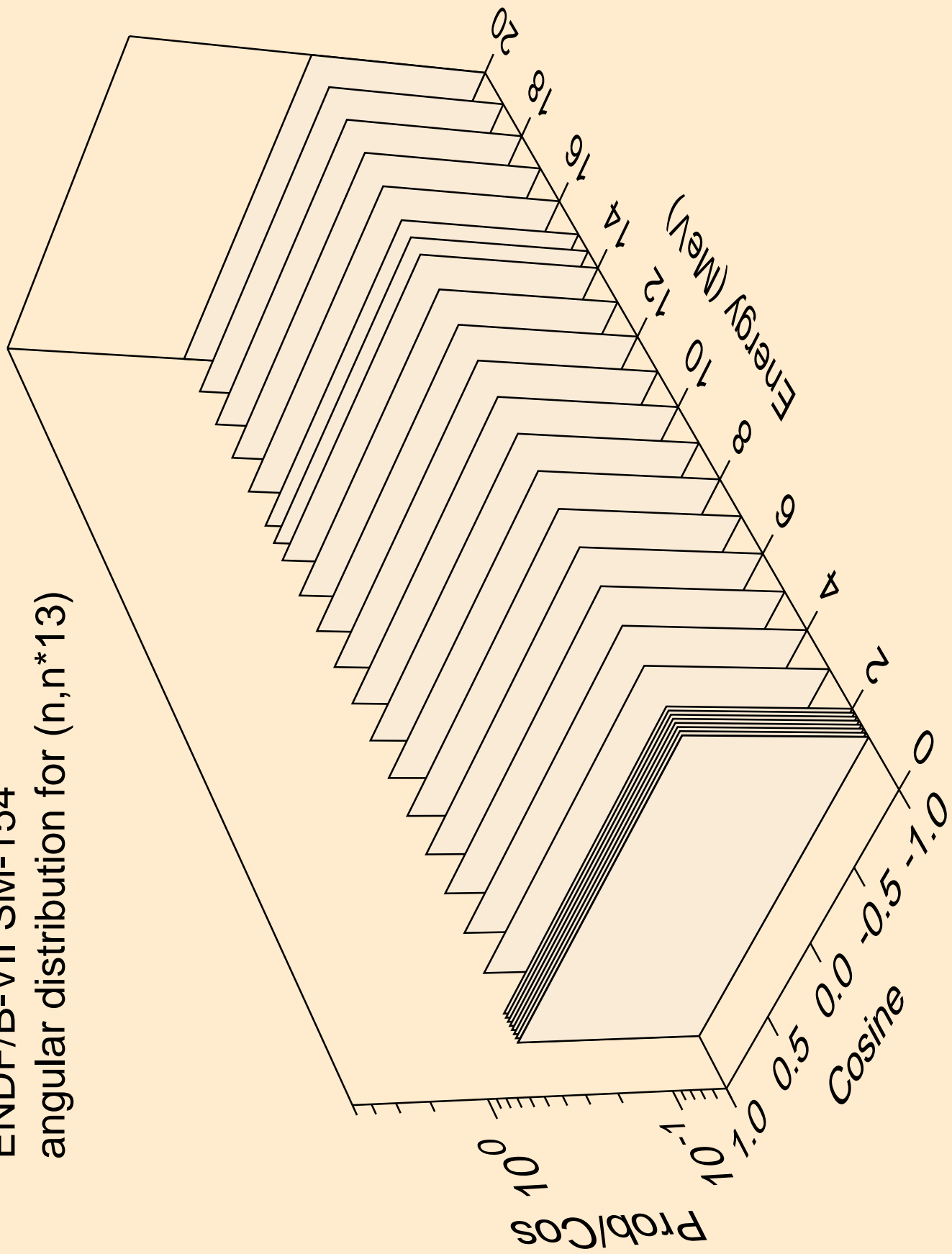




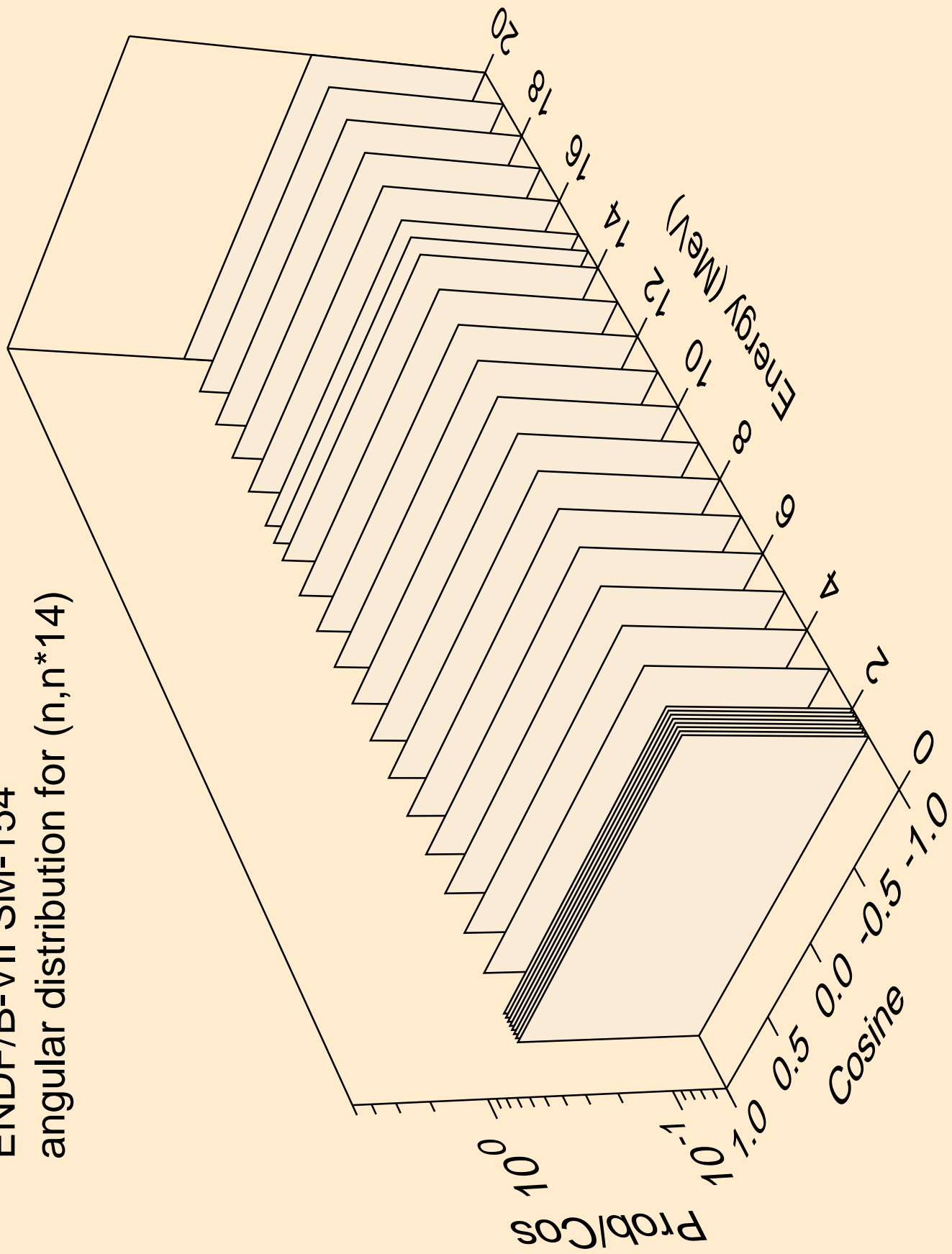
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angular distribution for (n,n\*12)



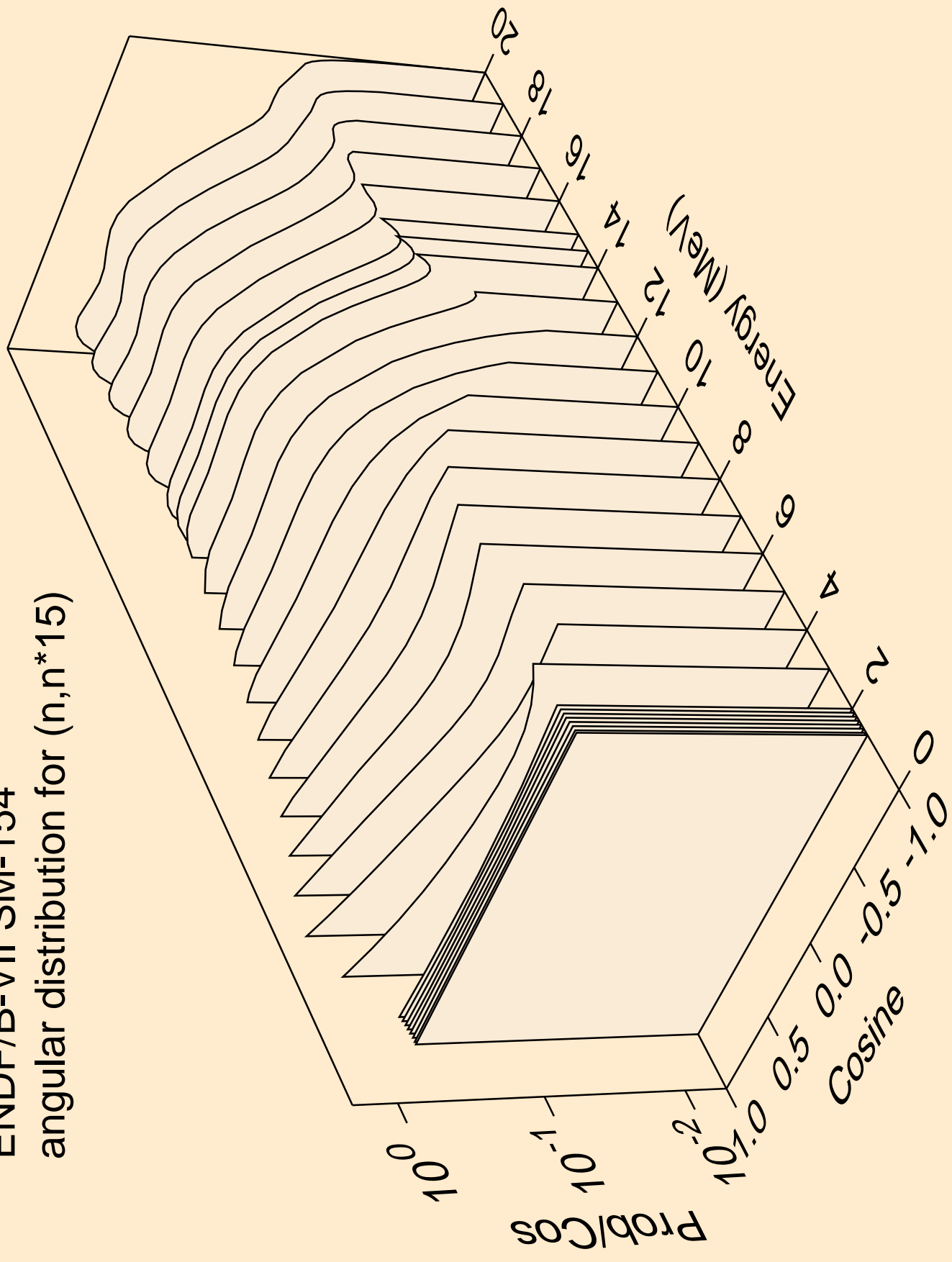
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angular distribution for (n,n\*13)



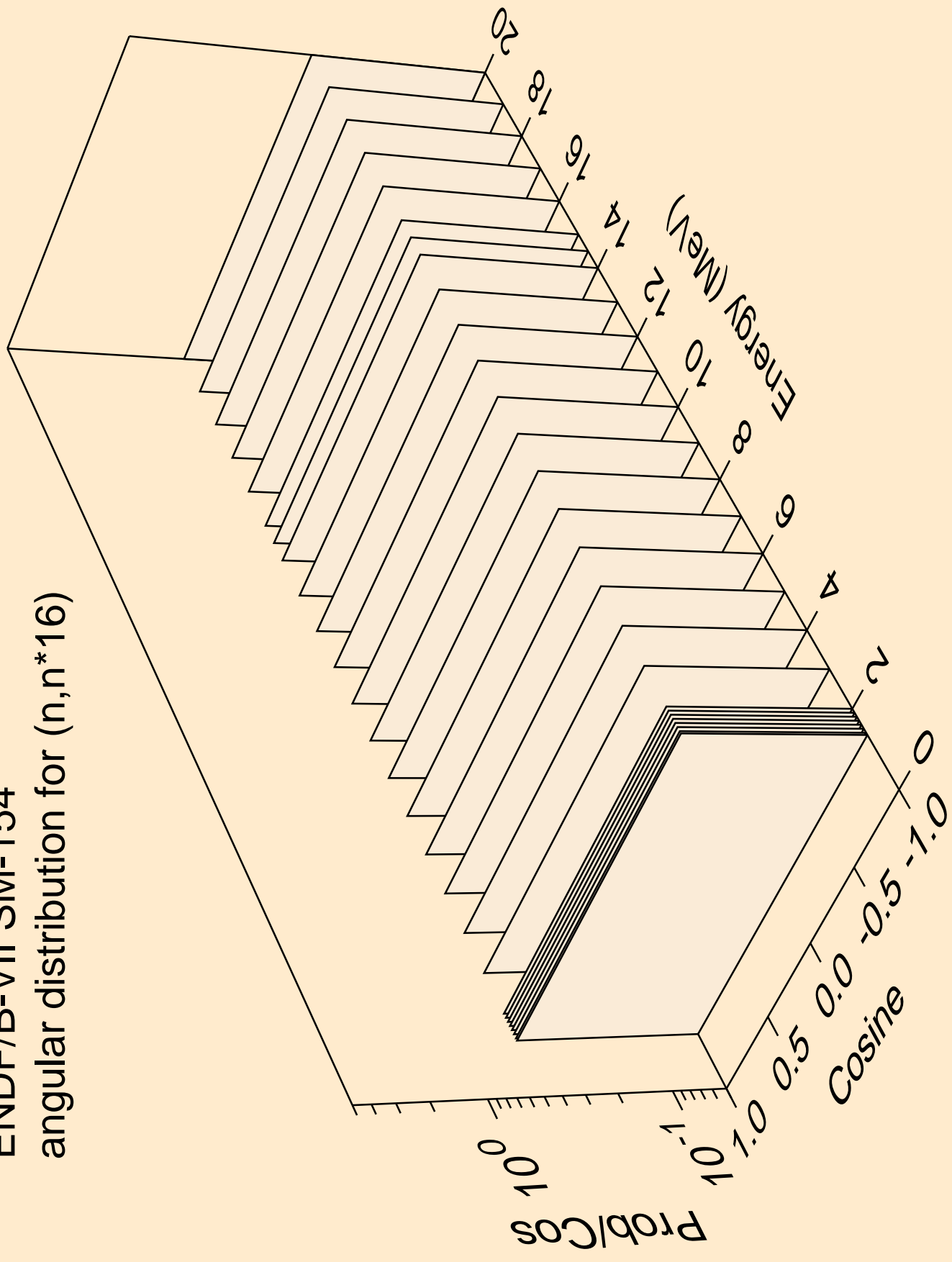
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angular distribution for (n,n\*14)



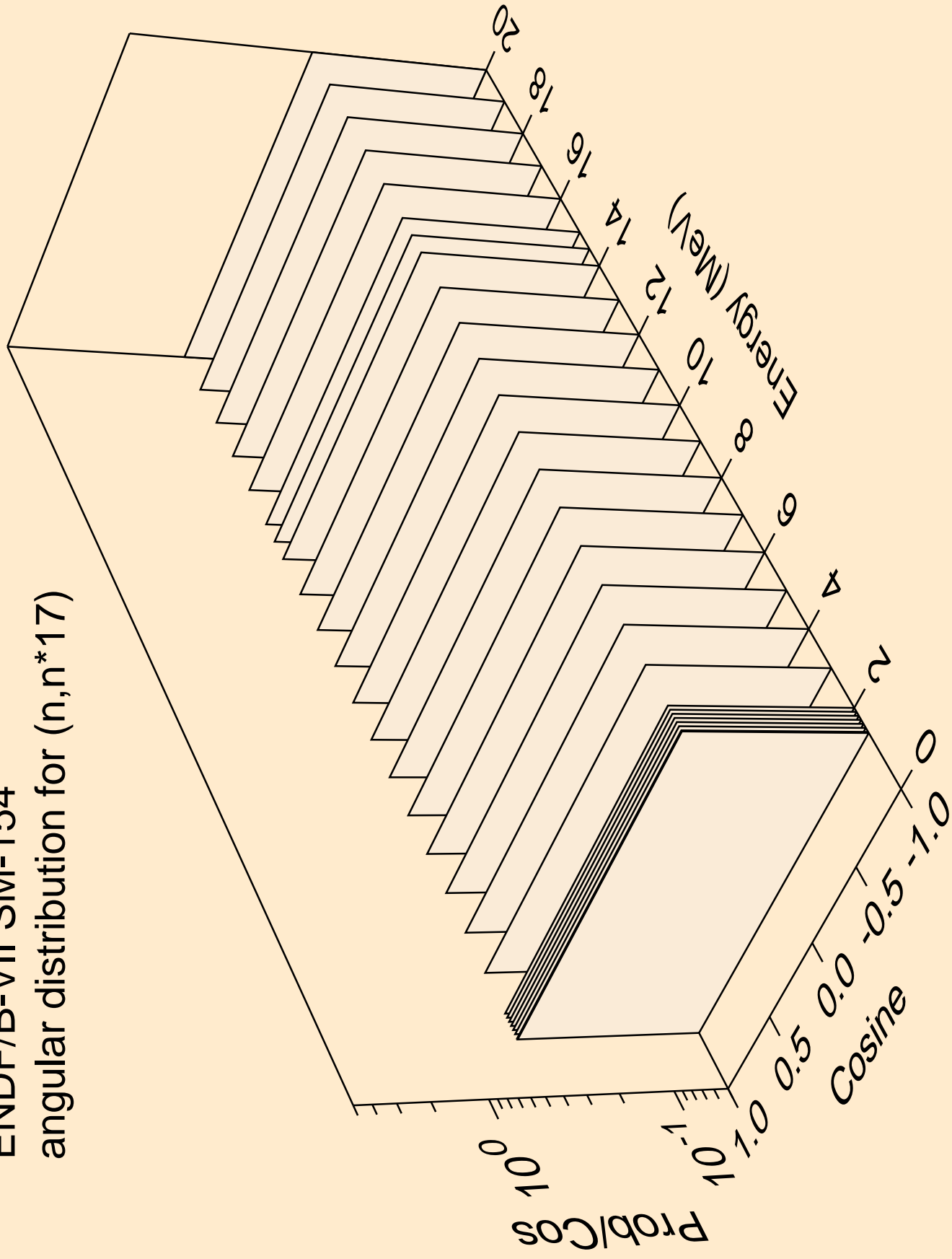
ENDF/B-VII SM-154  
angular distribution for (n,n\*15)



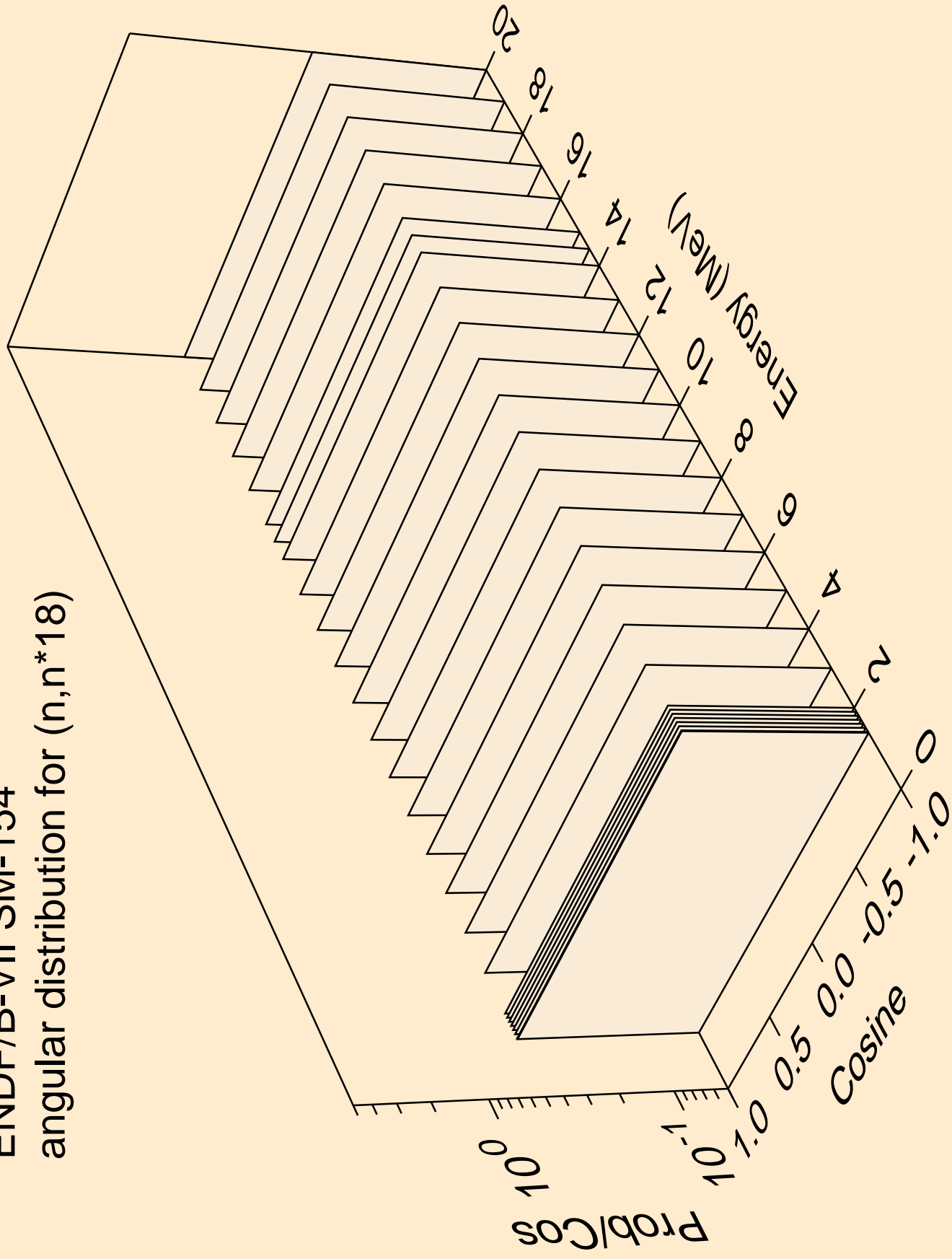
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angular distribution for (n,n\*16)



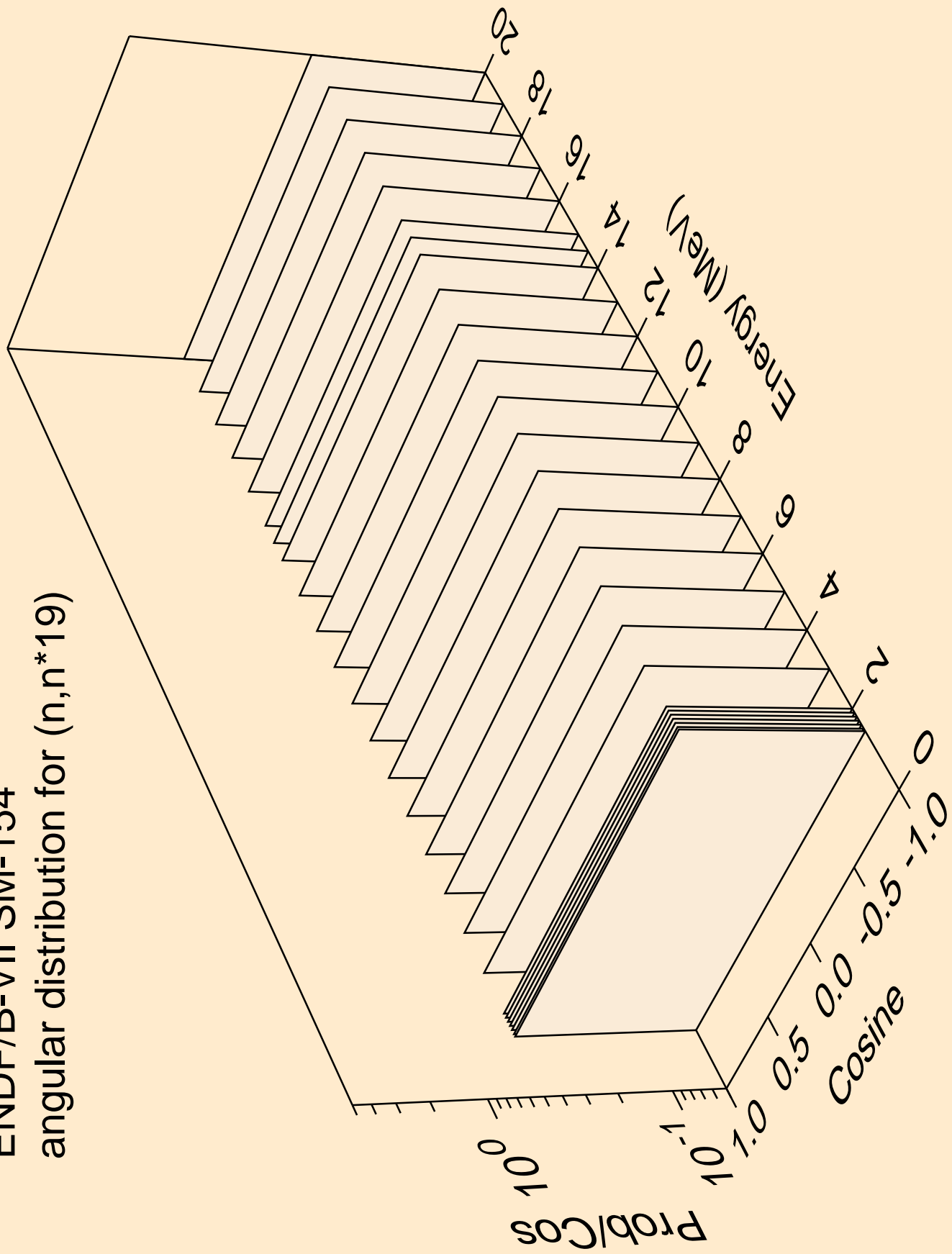
ENDF/B-VII SM-154  
angular distribution for (n,n\*17)



ENDF/B-VII SM-154  
angular distribution for (n,n\*18)

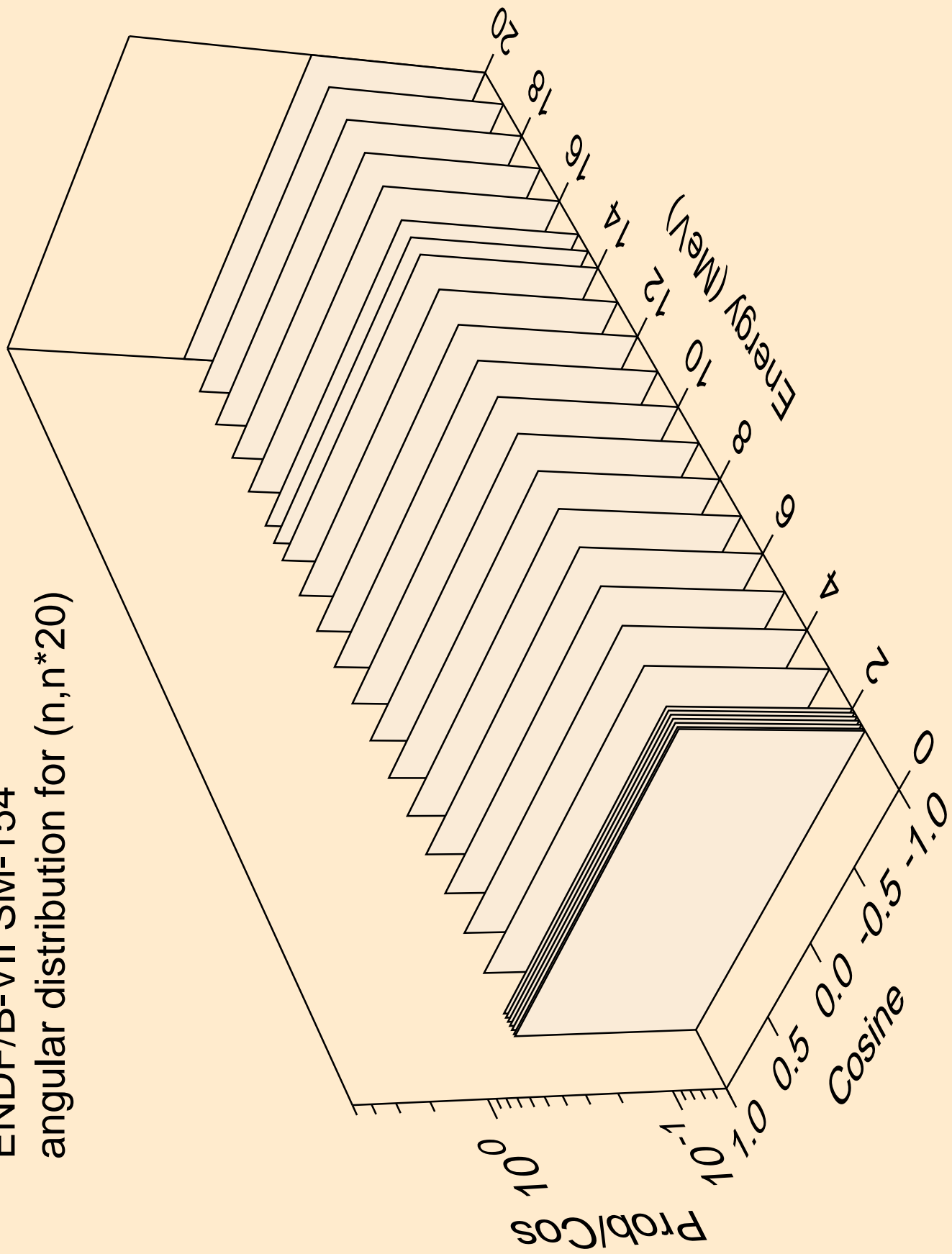


ENDF/B-VII SM-154  
angular distribution for (n,n\*19)

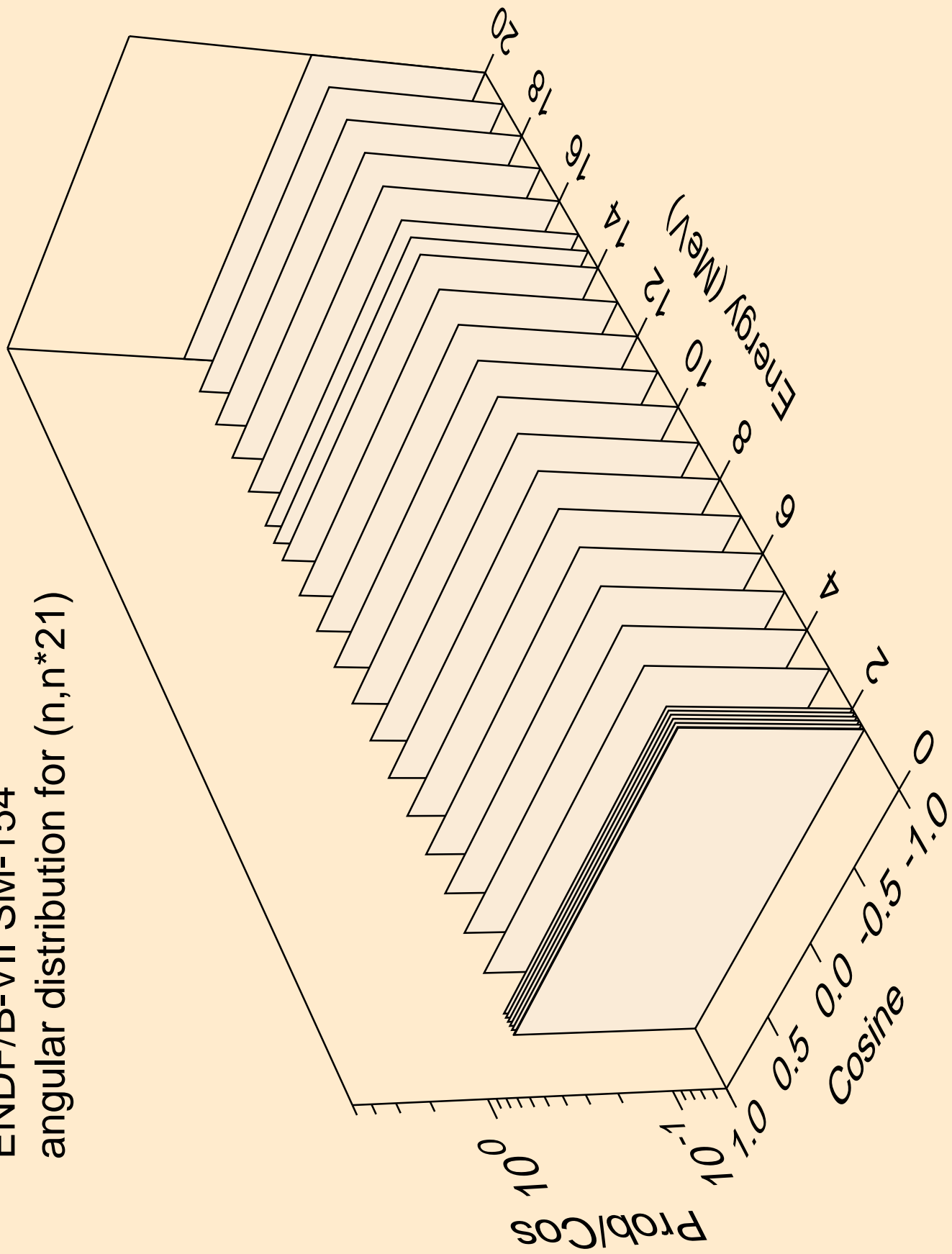




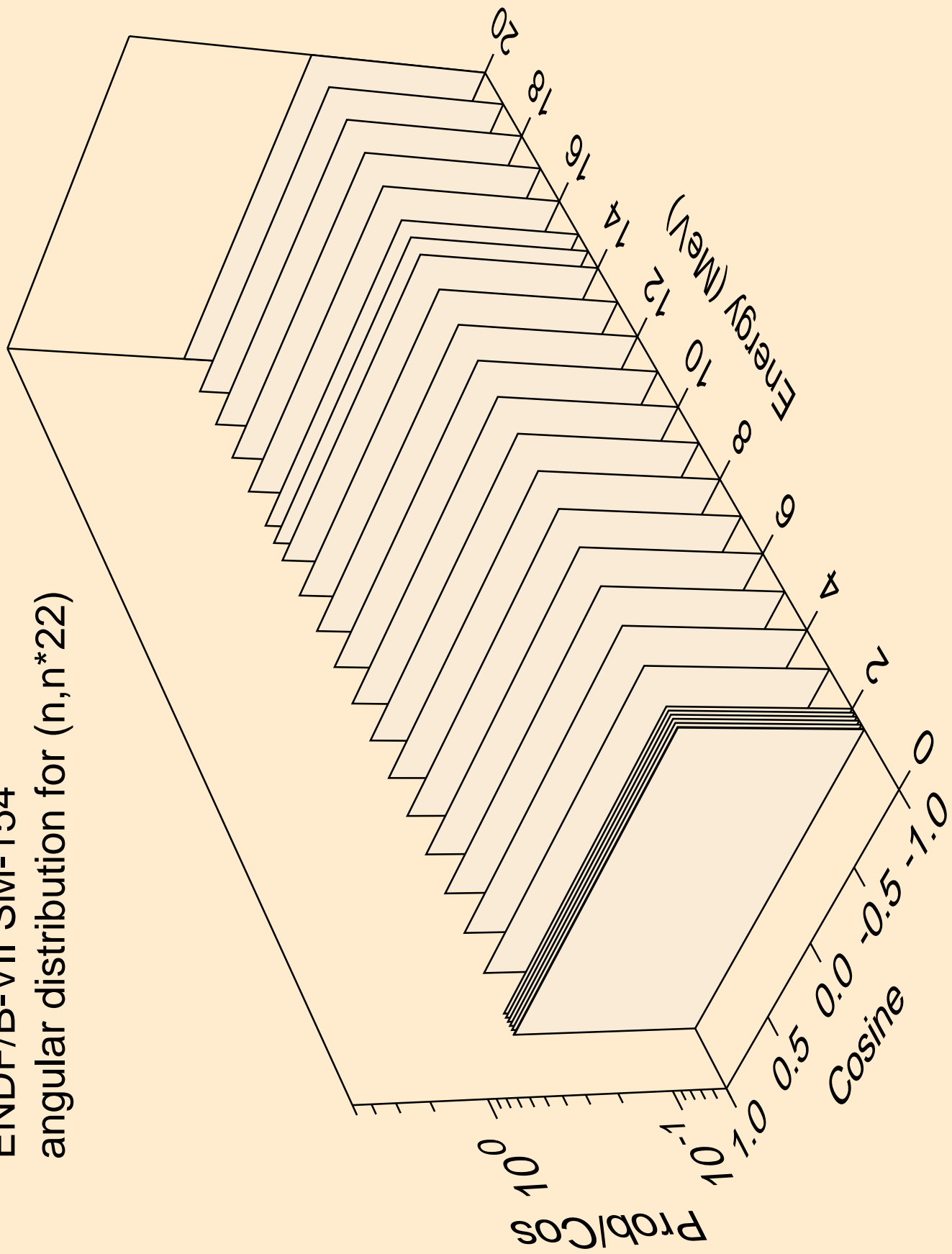
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angular distribution for (n,n\*20)



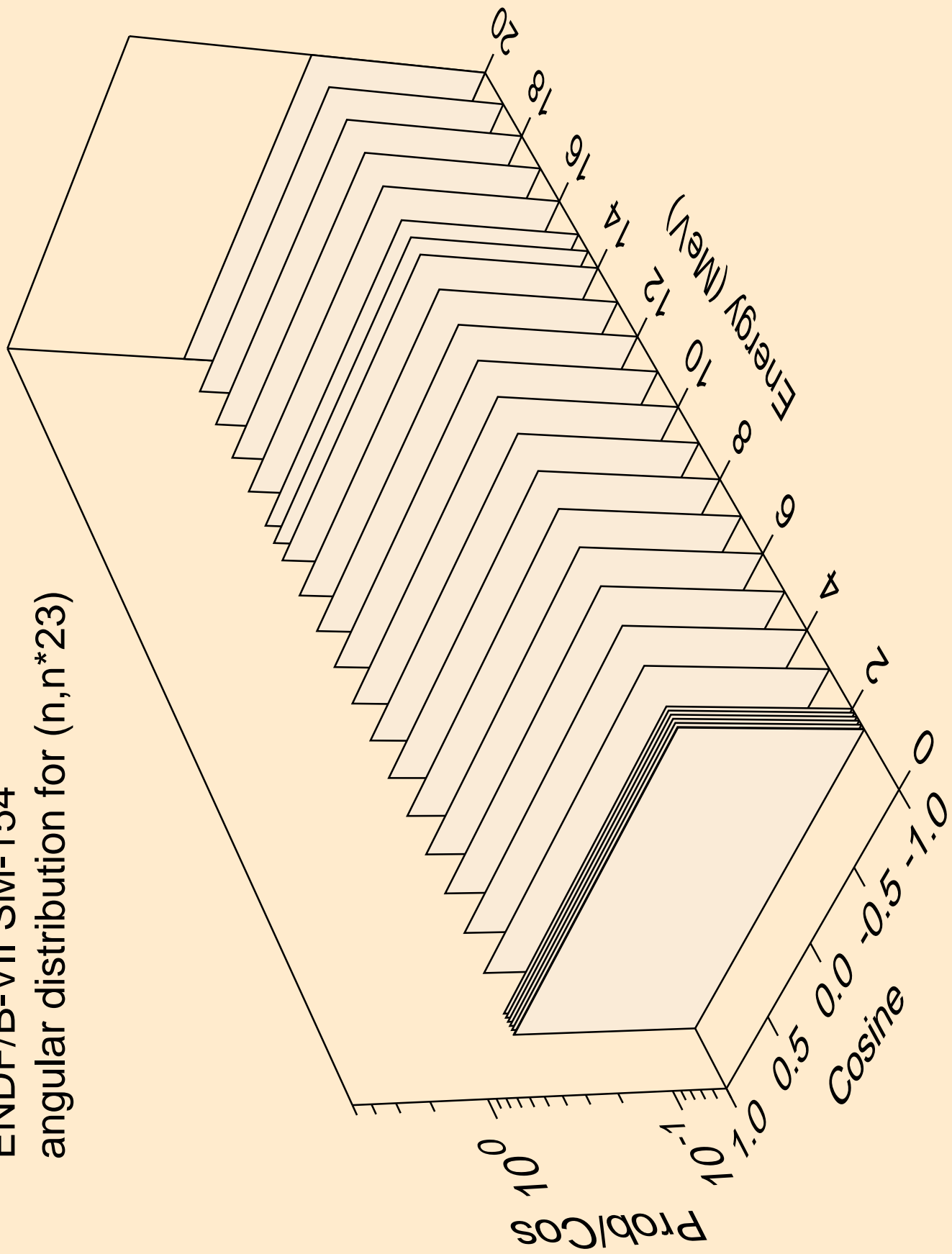
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angular distribution for (n,n\*21)



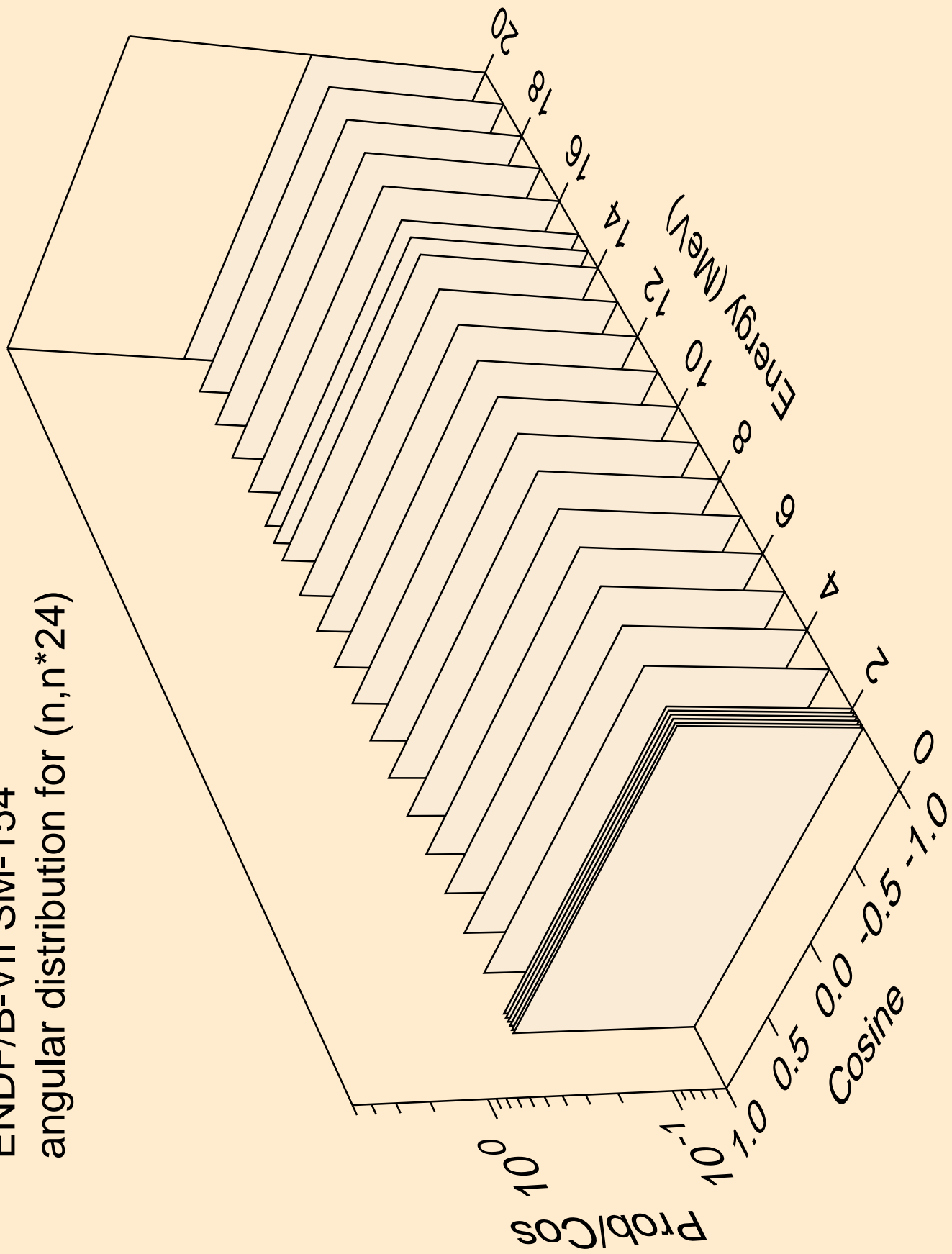
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angular distribution for (n,n\*22)



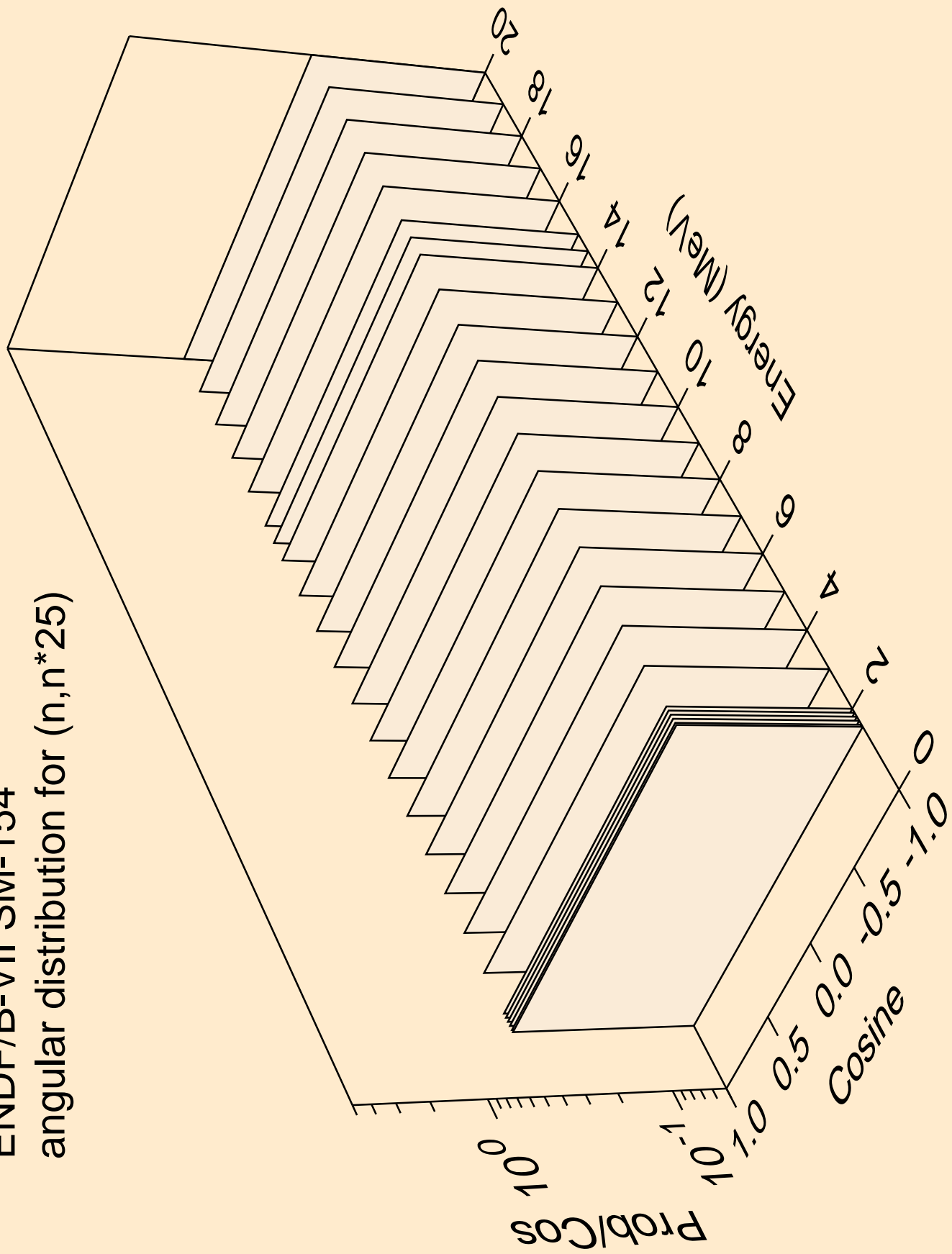
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angular distribution for (n,n\*23)



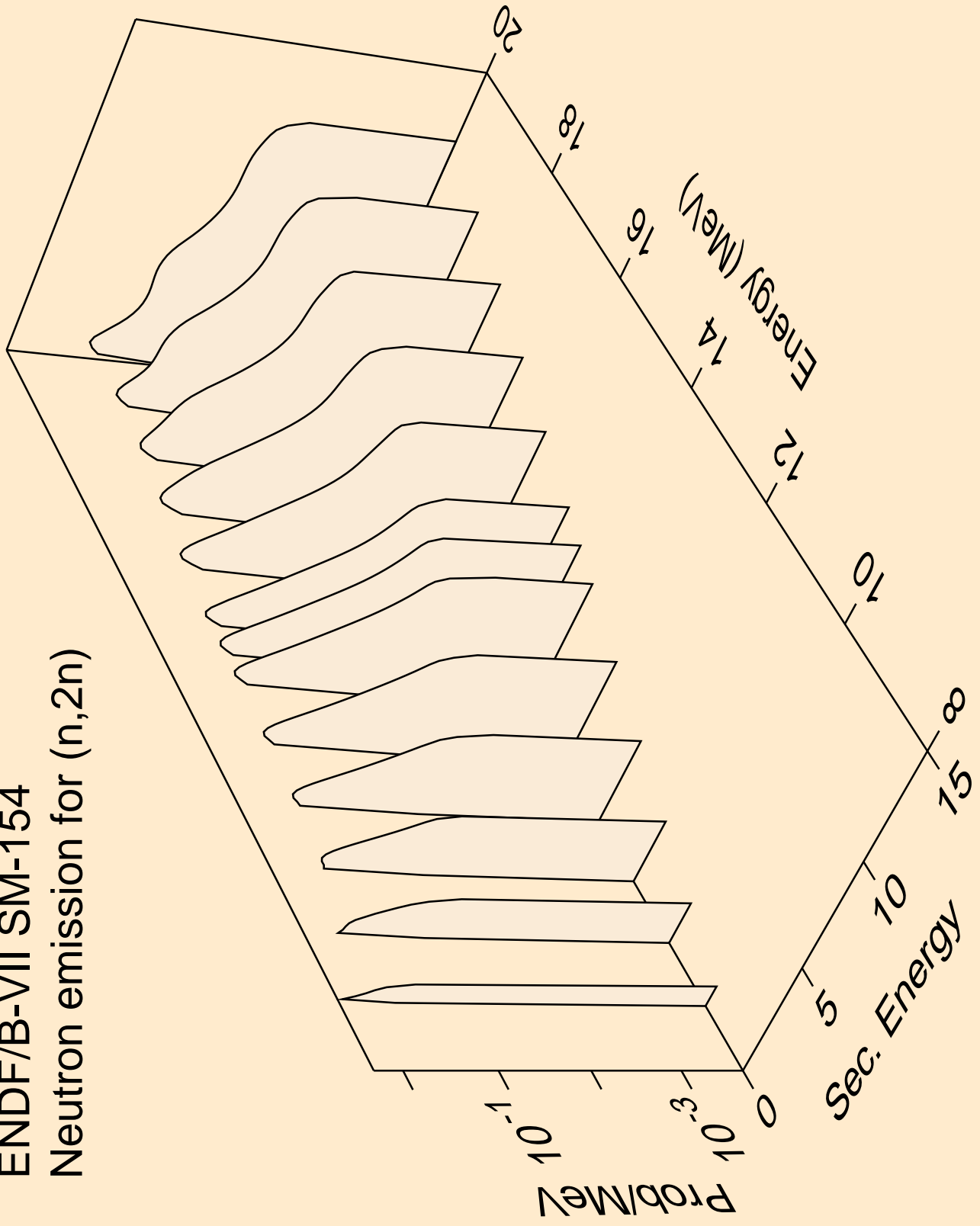
ENDF/B-VII SM-154  
angular distribution for (n,n\*24)



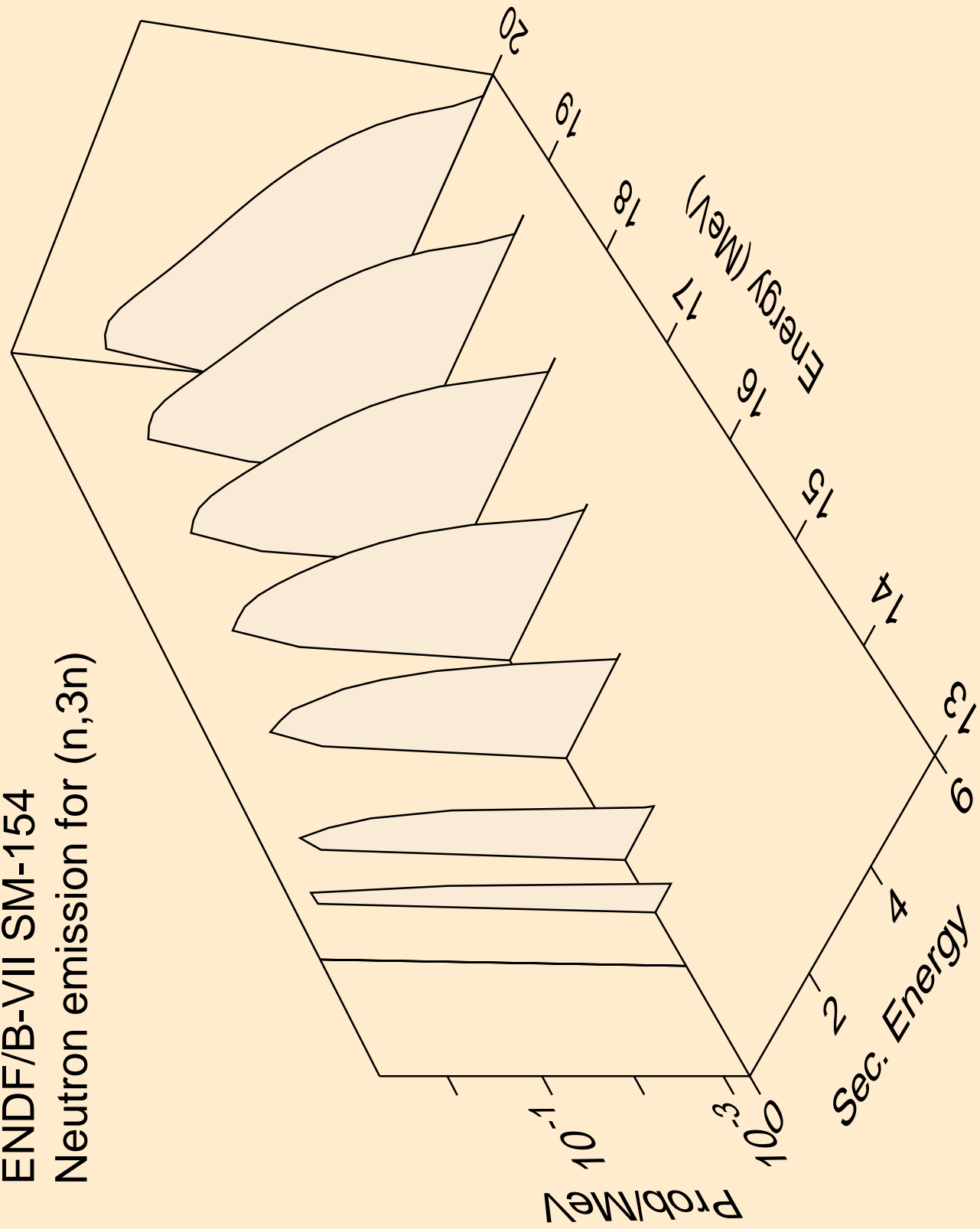
ENDF/B-VII SM-154  
angular distribution for (n,n\*25)



ENDF/B-VII SM-154  
Neutron emission for (n,2n)

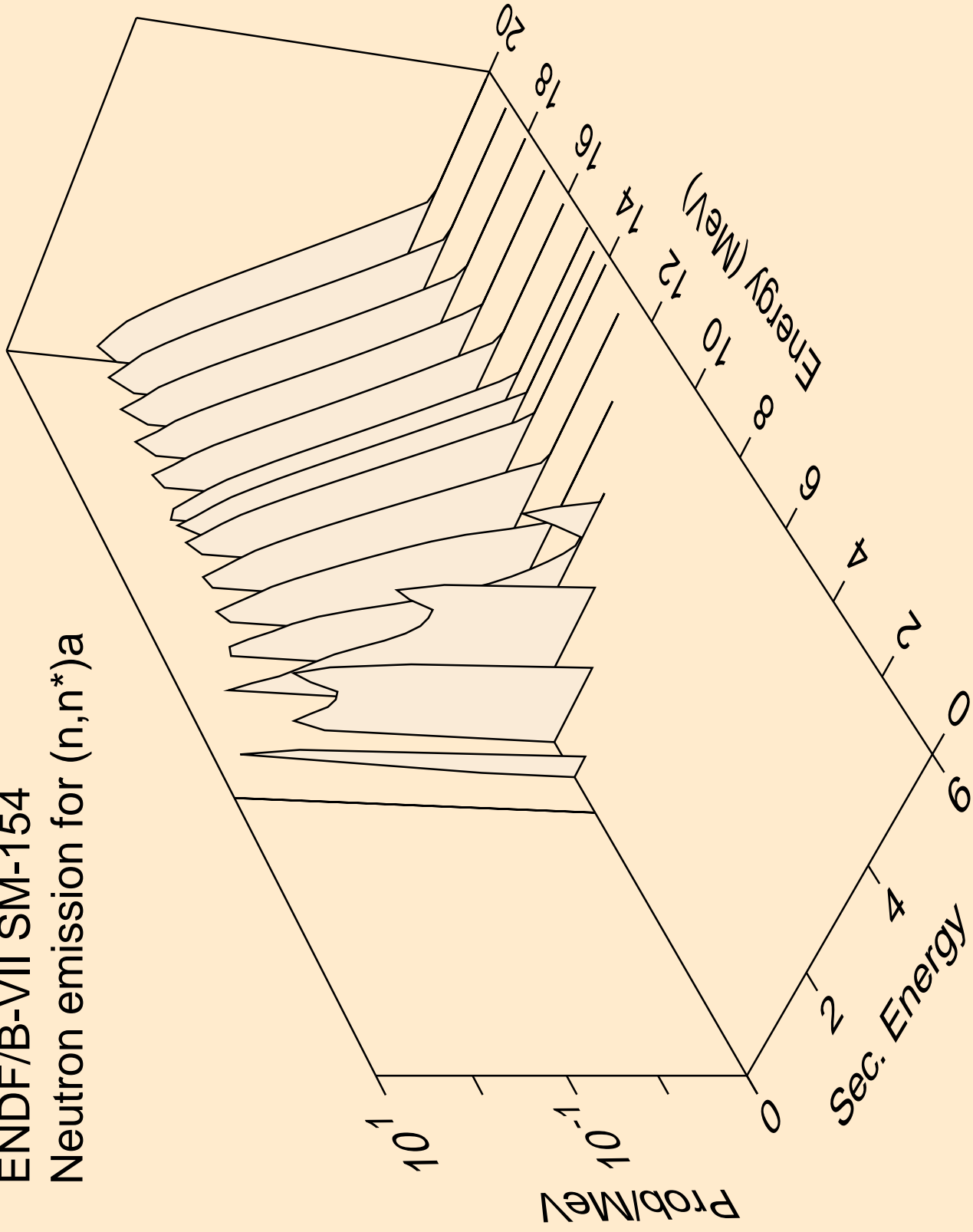


ENDF/B-VII SM-154  
Neutron emission for (n,3n)

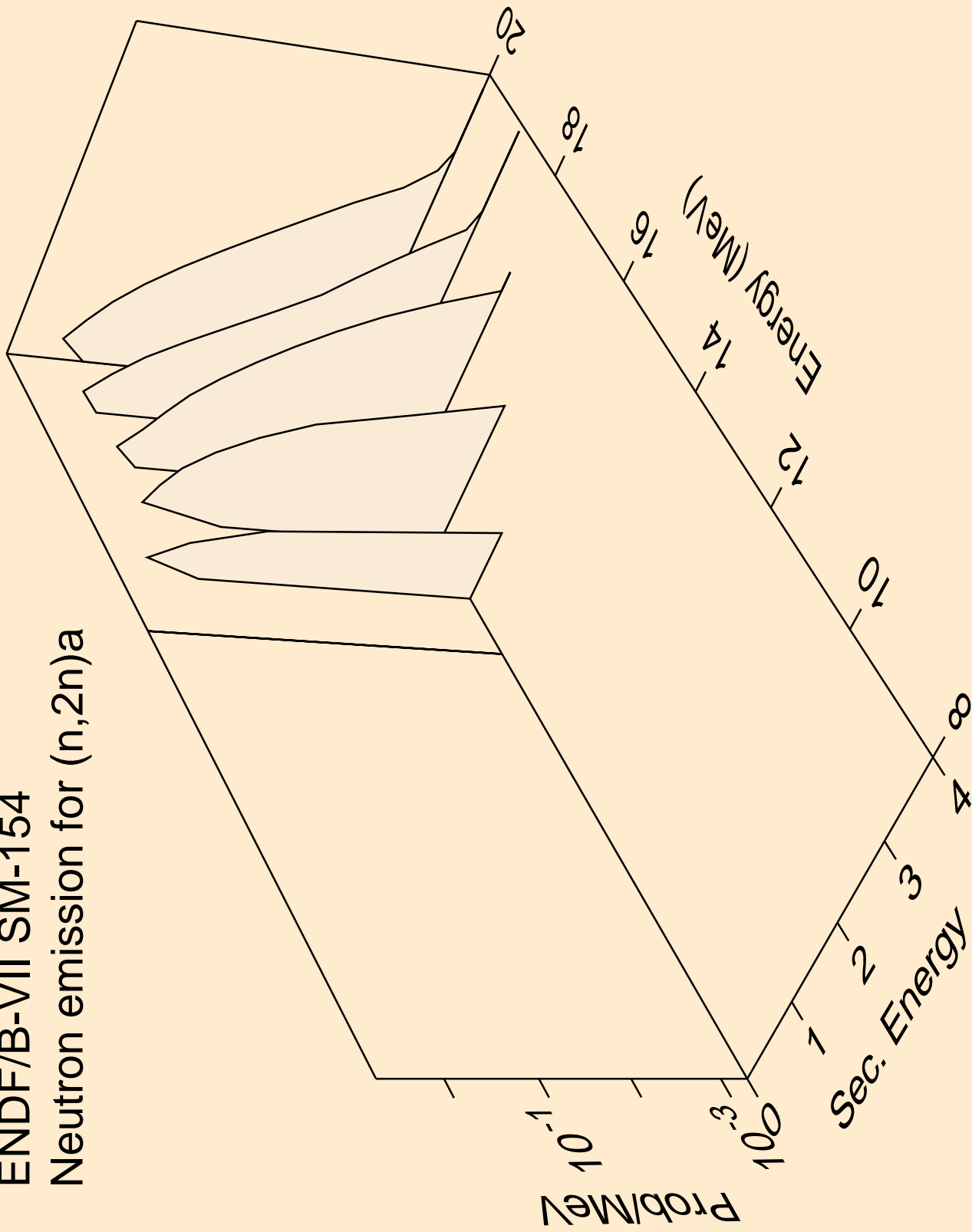




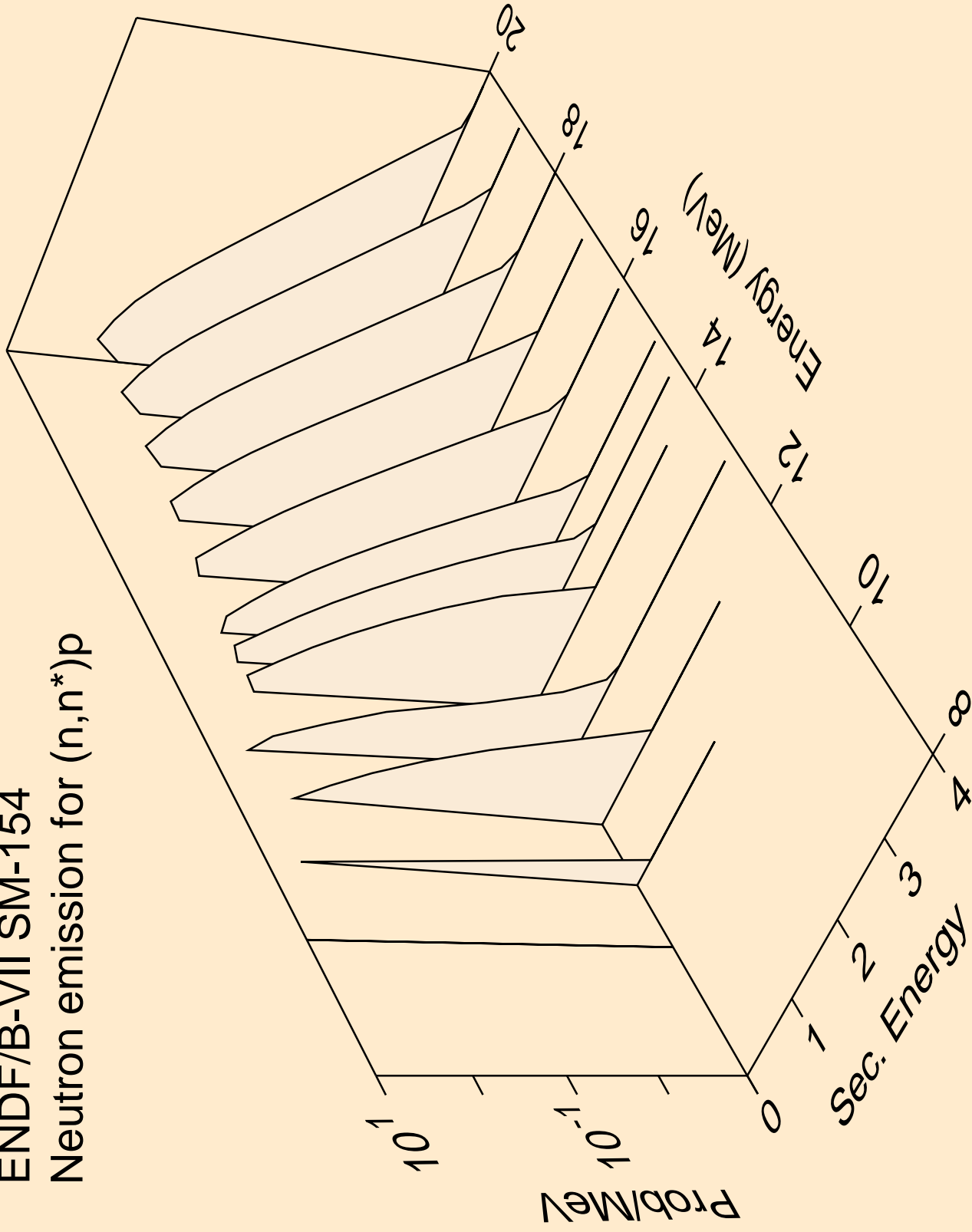
ENDF/B-VII SM-154  
Neutron emission for (n,n\*)a



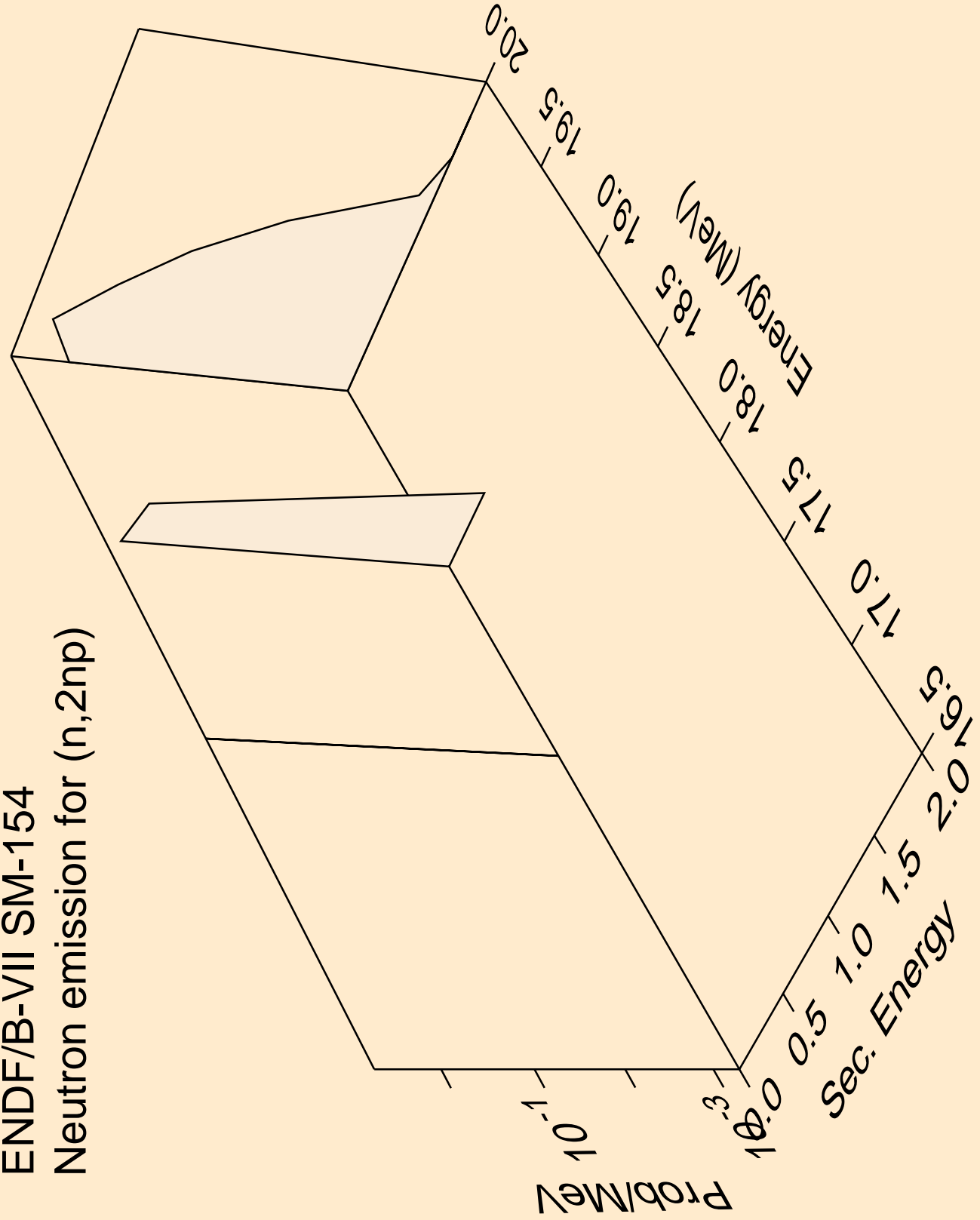
ENDF/B-VII SM-154  
Neutron emission for (n,2n)a



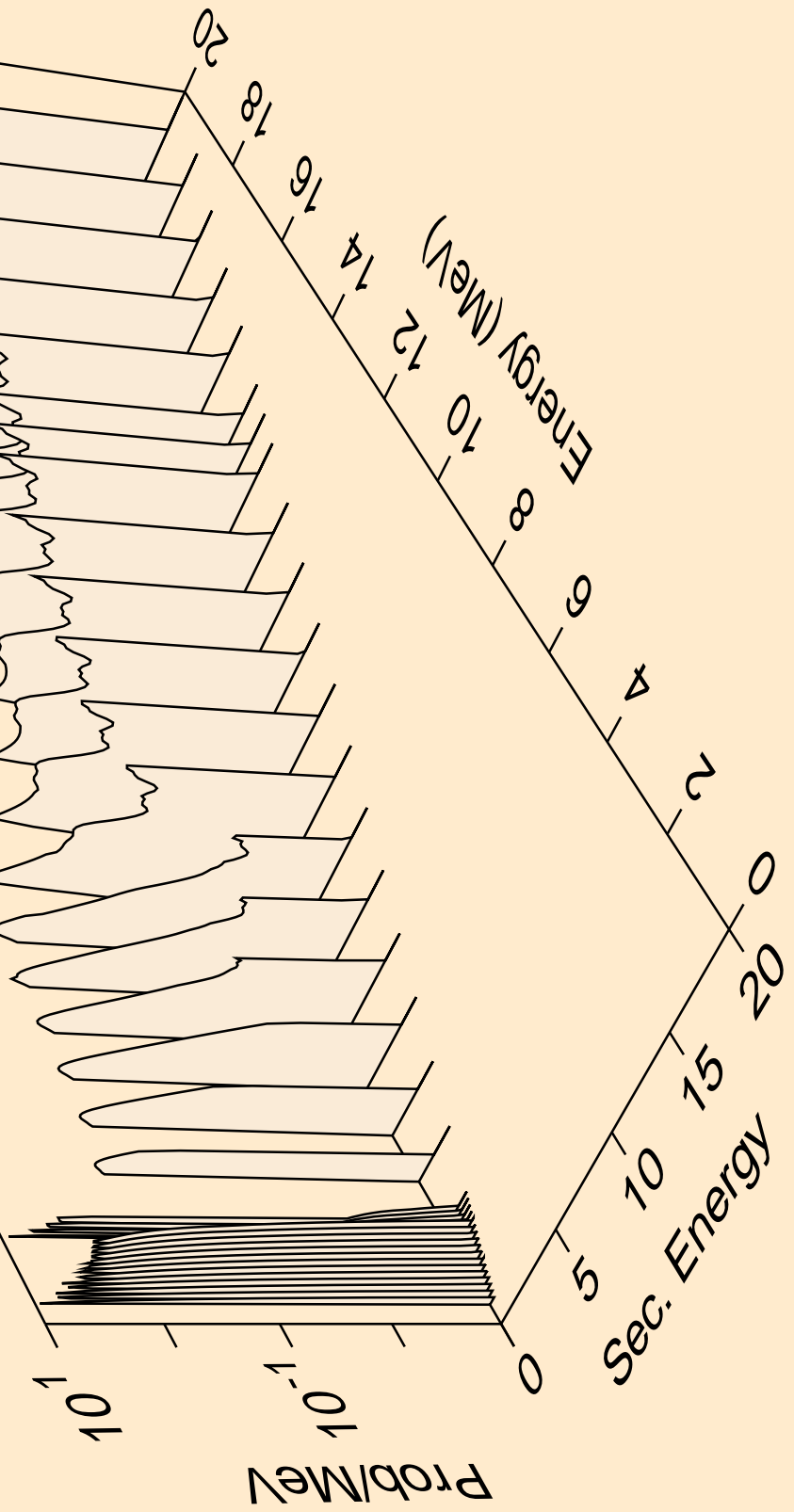
ENDF/B-VII SM-154  
Neutron emission for  $(n,n^*)p$



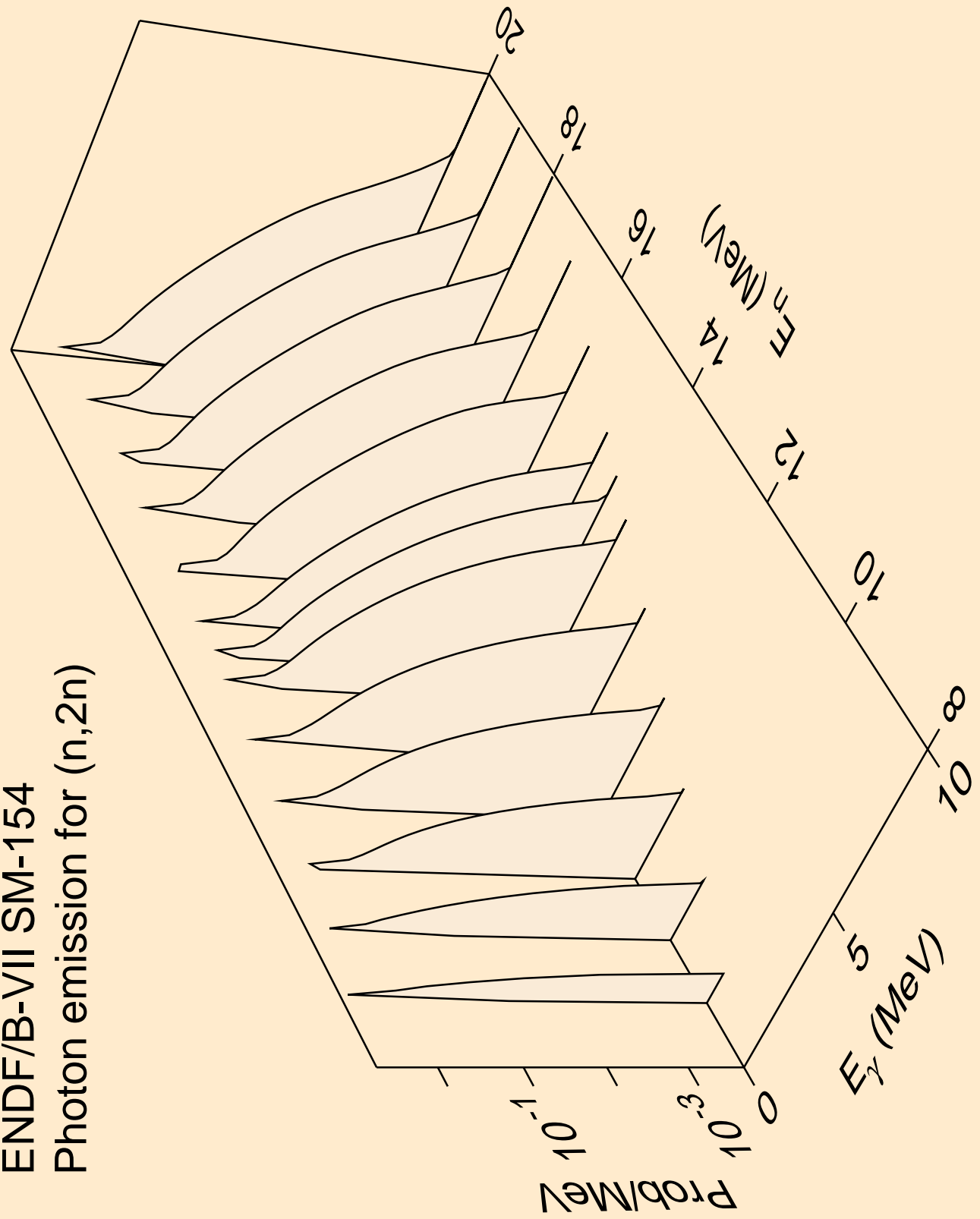
ENDF/B-VII SM-154  
Neutron emission for (n,2np)



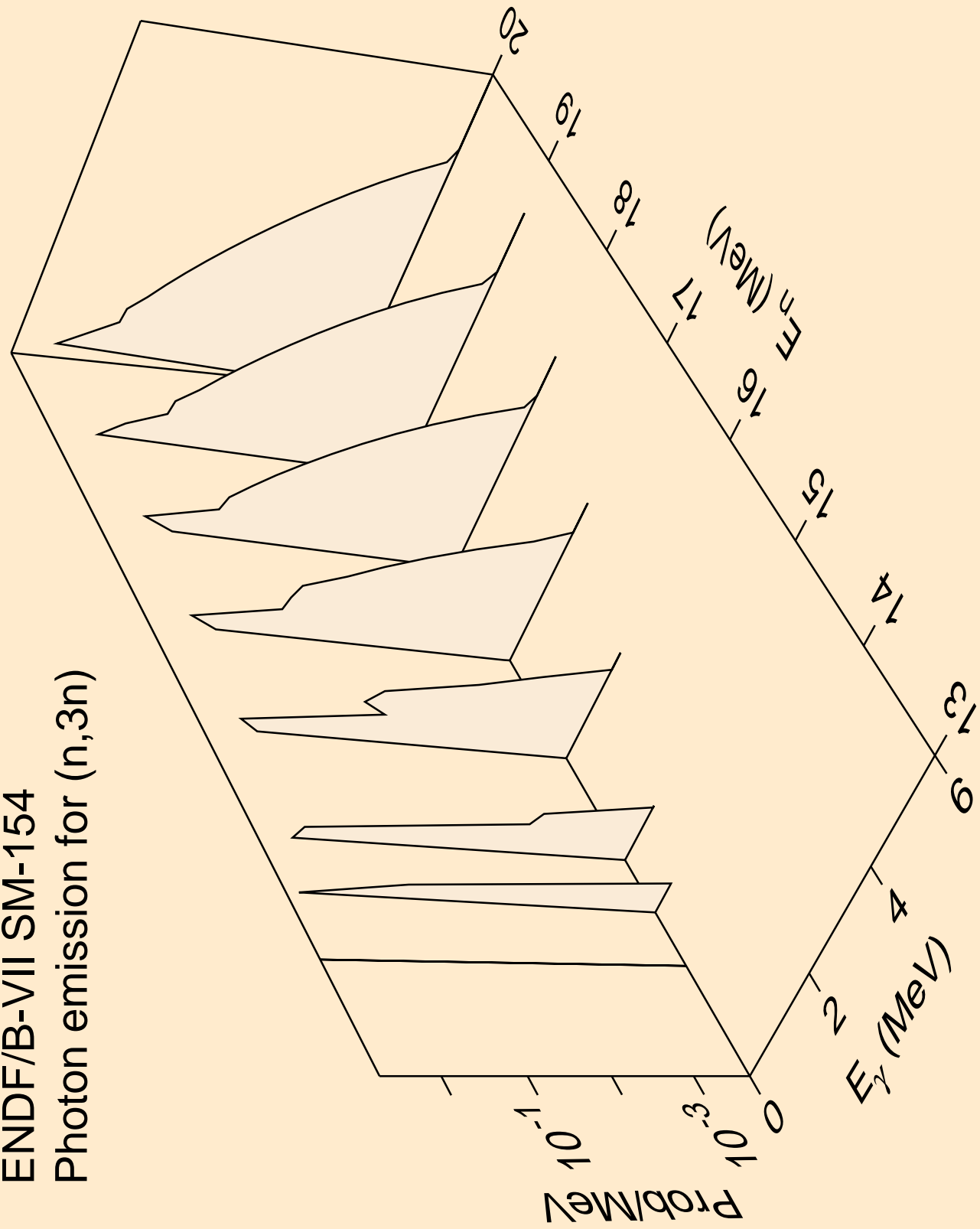
ENDF/B-VII SM-154  
Neutron emission for (n,n\*c)



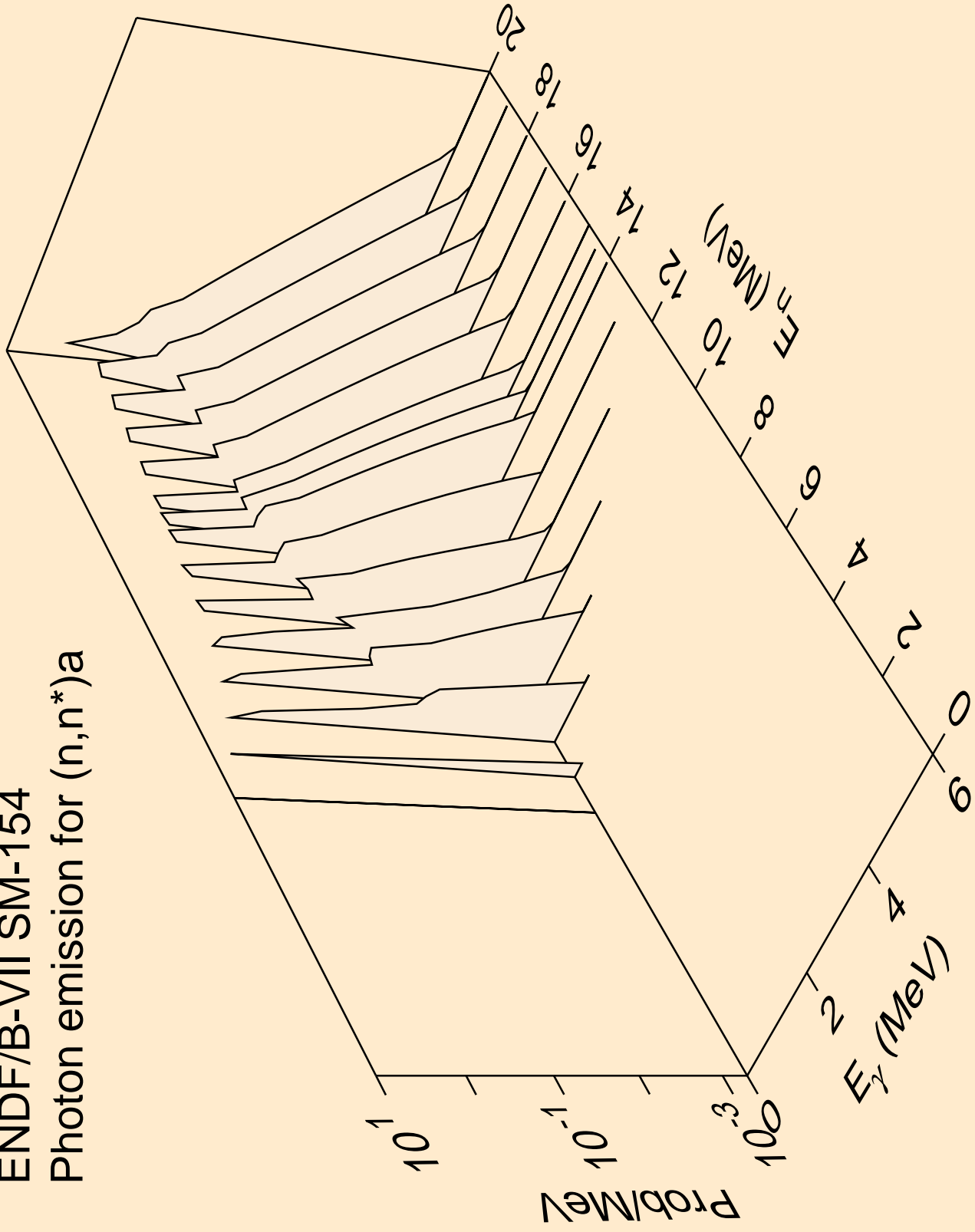
ENDF/B-VII SM-154  
Photon emission for (n,2n)



ENDF/B-VII SM-154  
Photon emission for (n,3n)

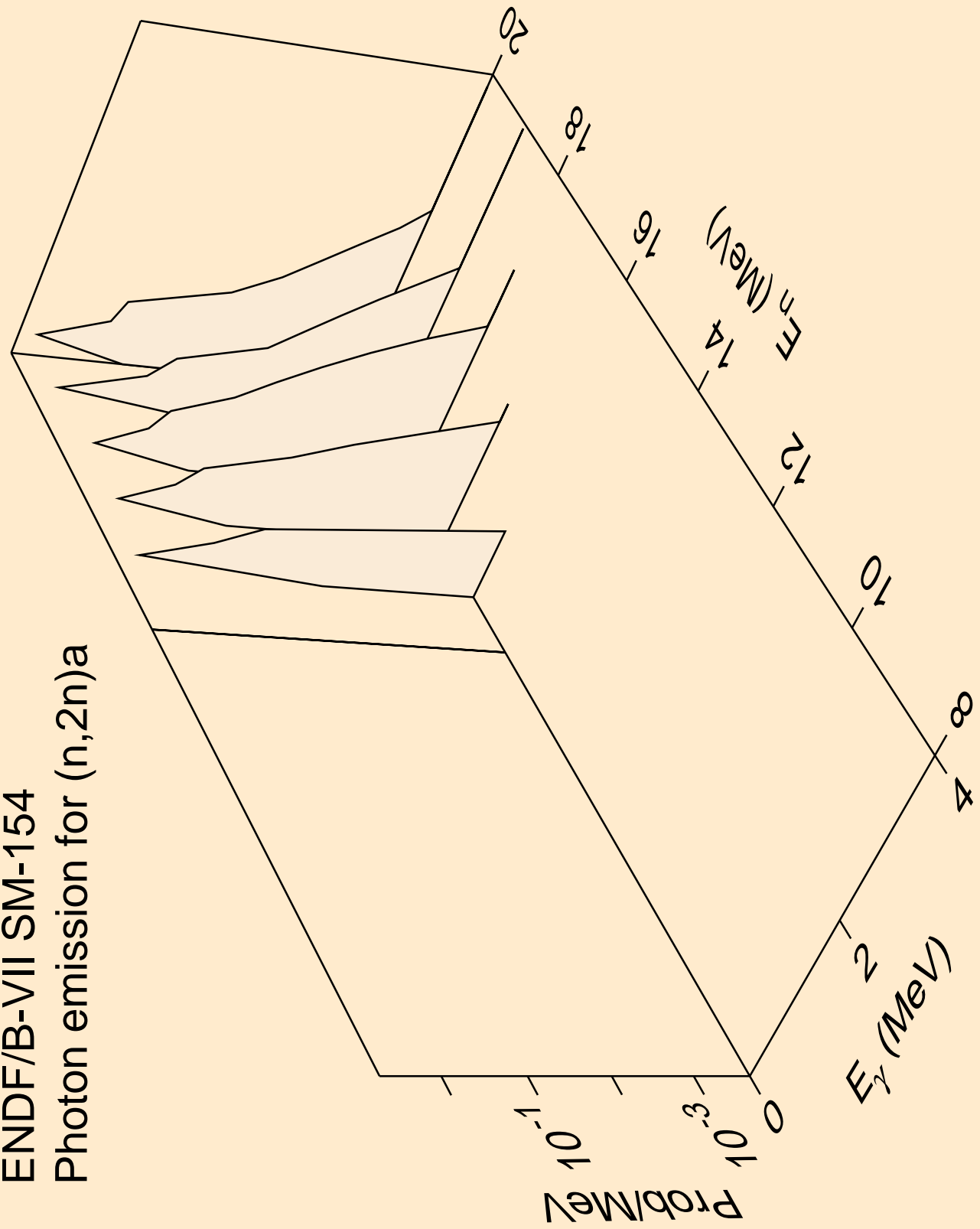


ENDF/B-VII SM-154  
Photon emission for (n,n\*)a

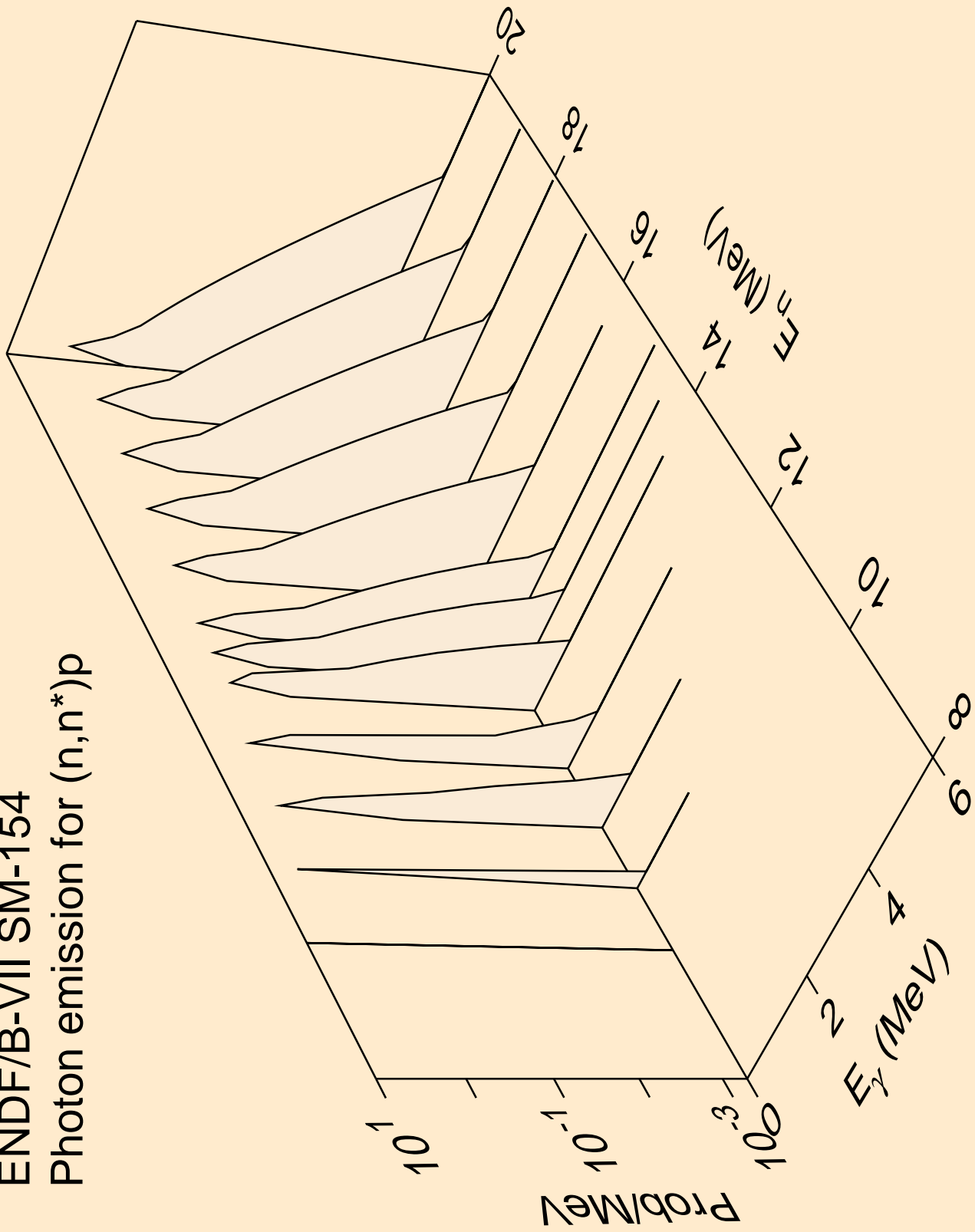




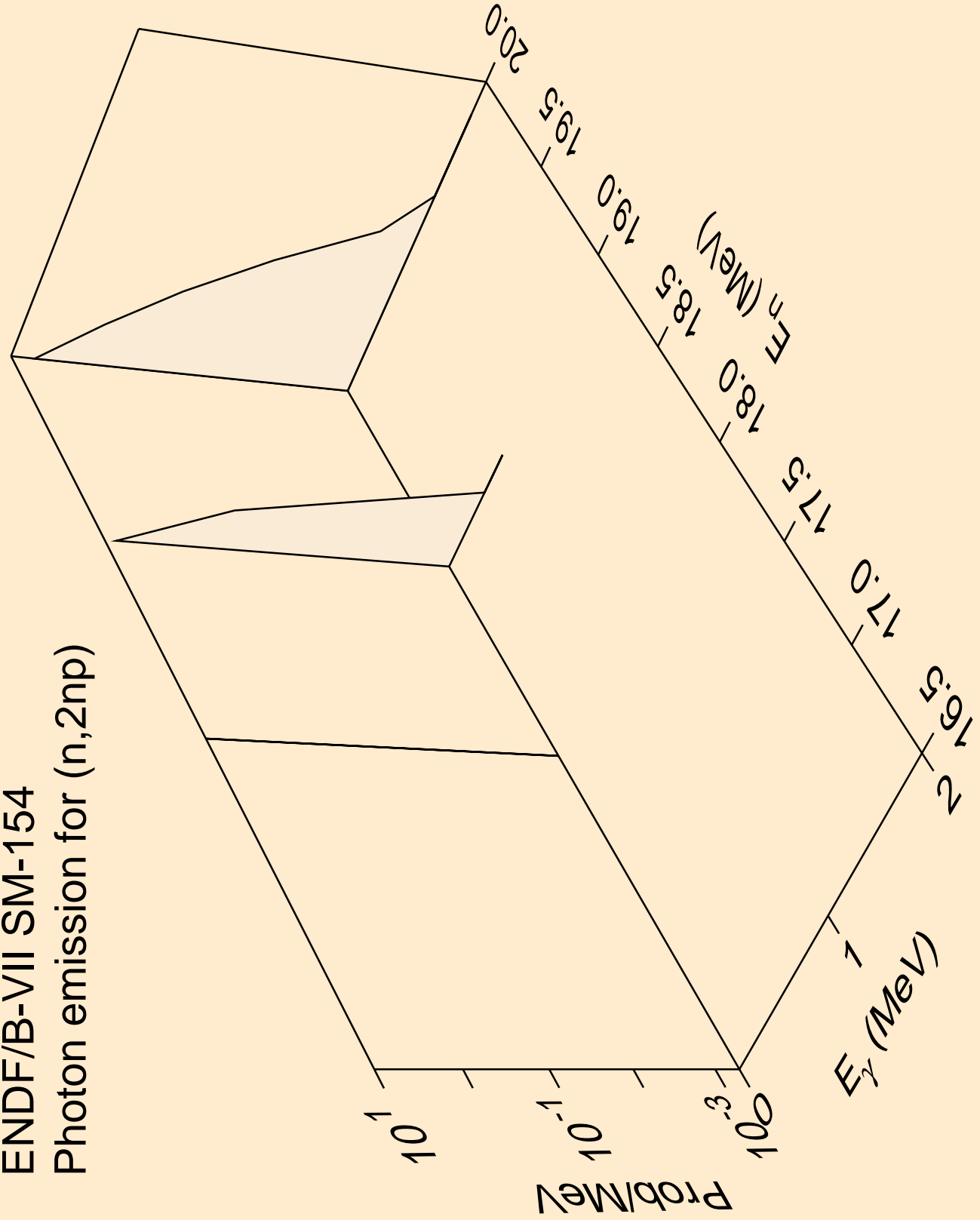
ENDF/B-VII SM-154  
Photon emission for (n,2n)a



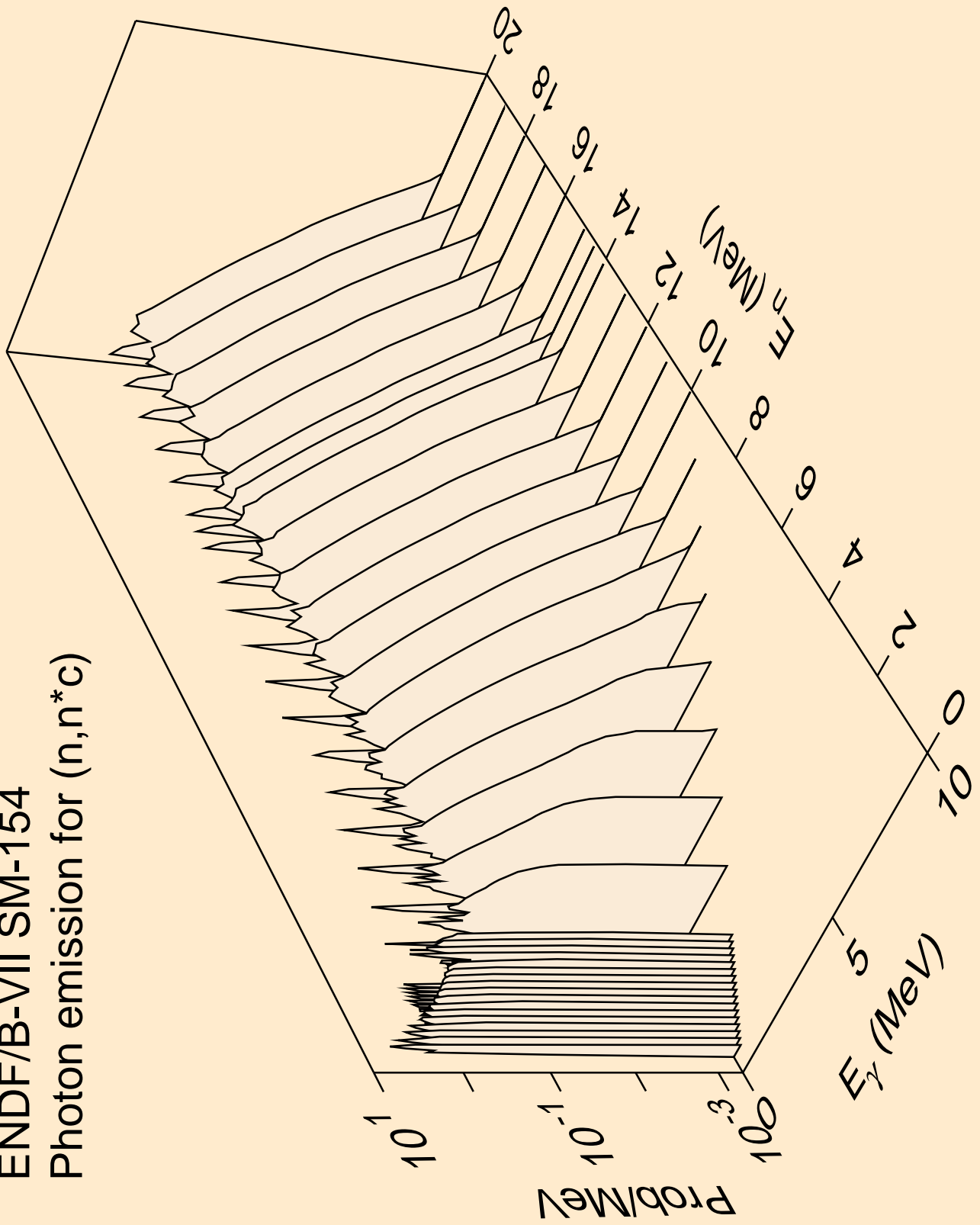
ENDF/B-VII SM-154  
Photon emission for (n,n\*)p



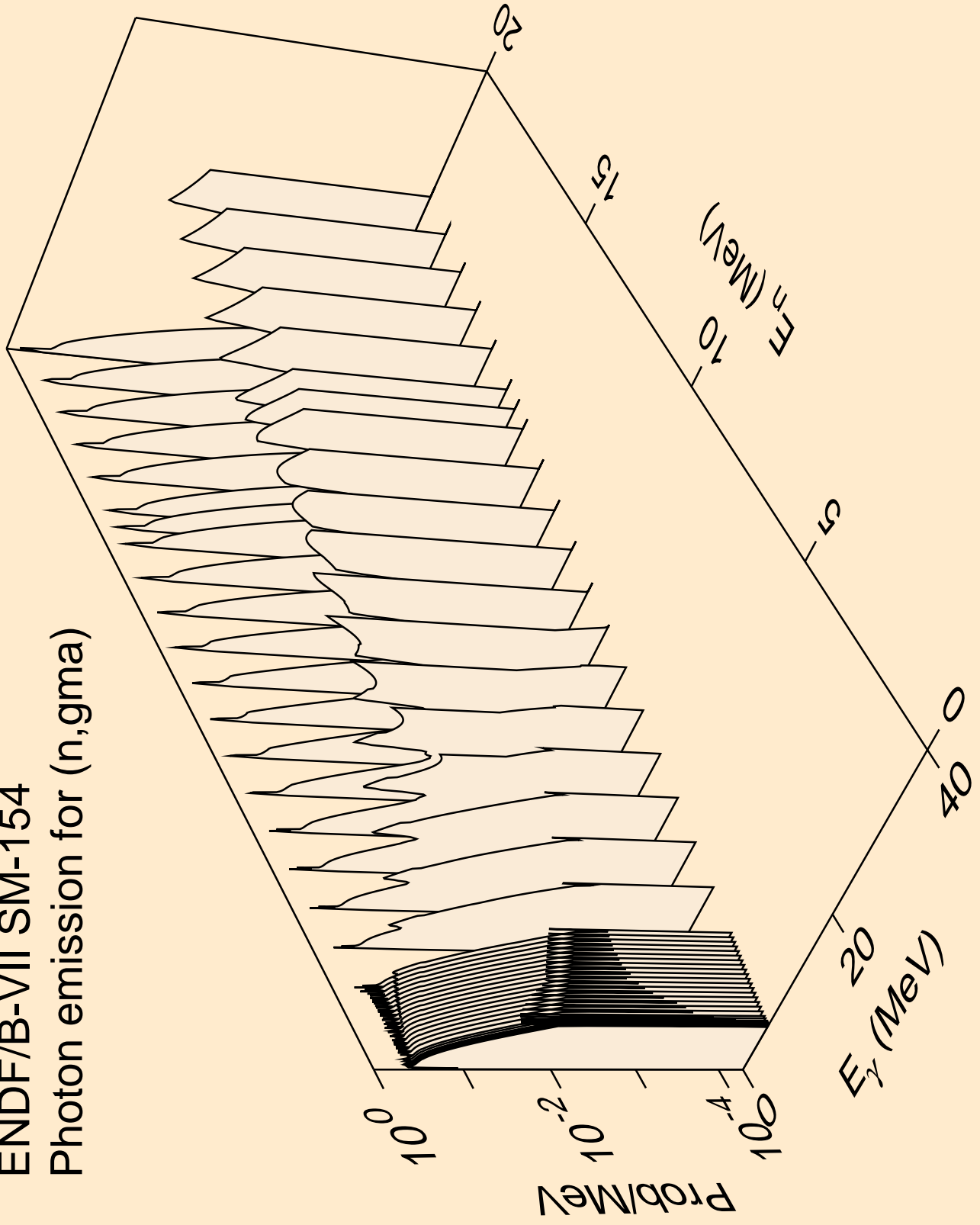
ENDF/B-VII SM-154  
Photon emission for (n,2np)



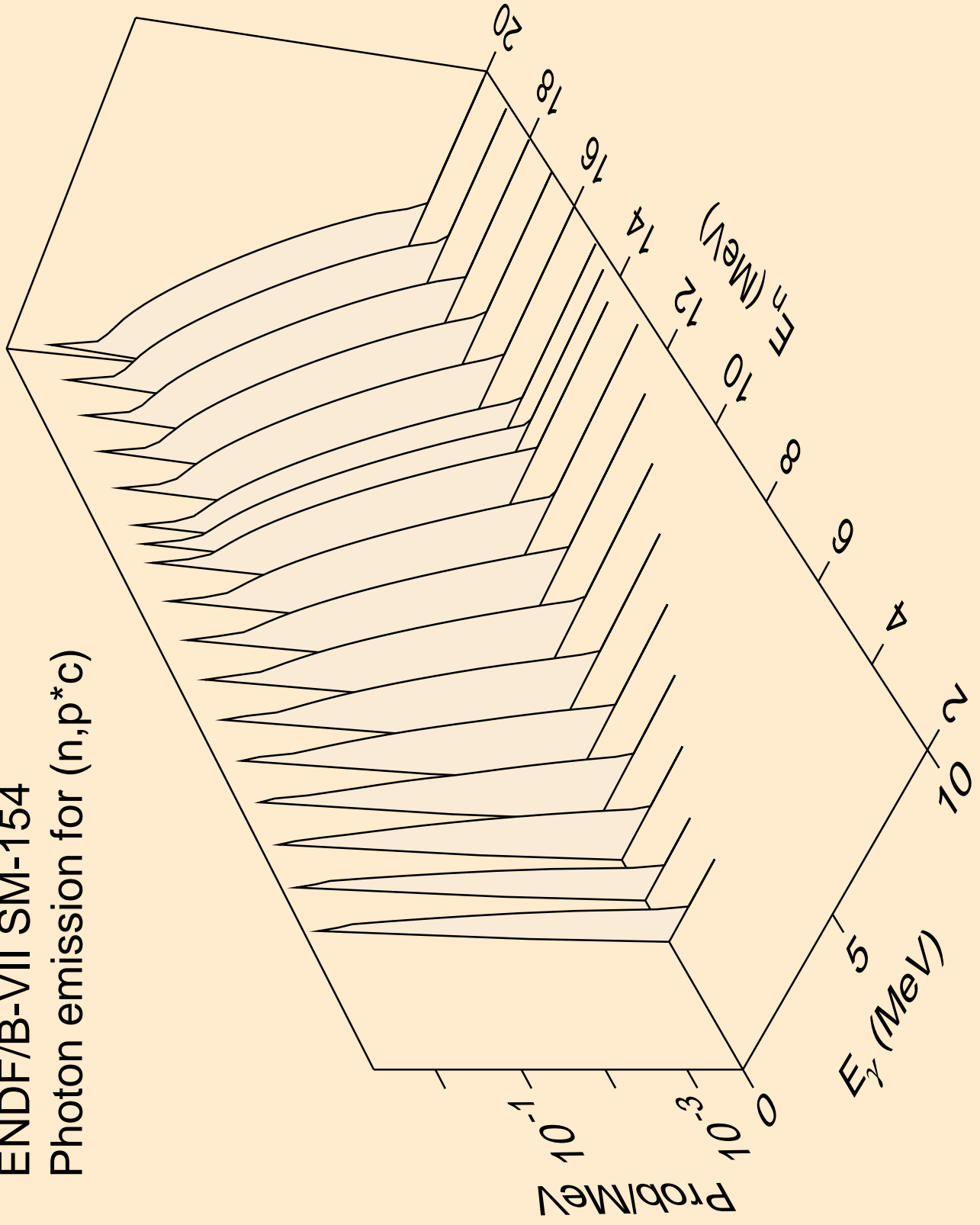
ENDF/B-VII SM-154  
Photon emission for (n,n\*c)



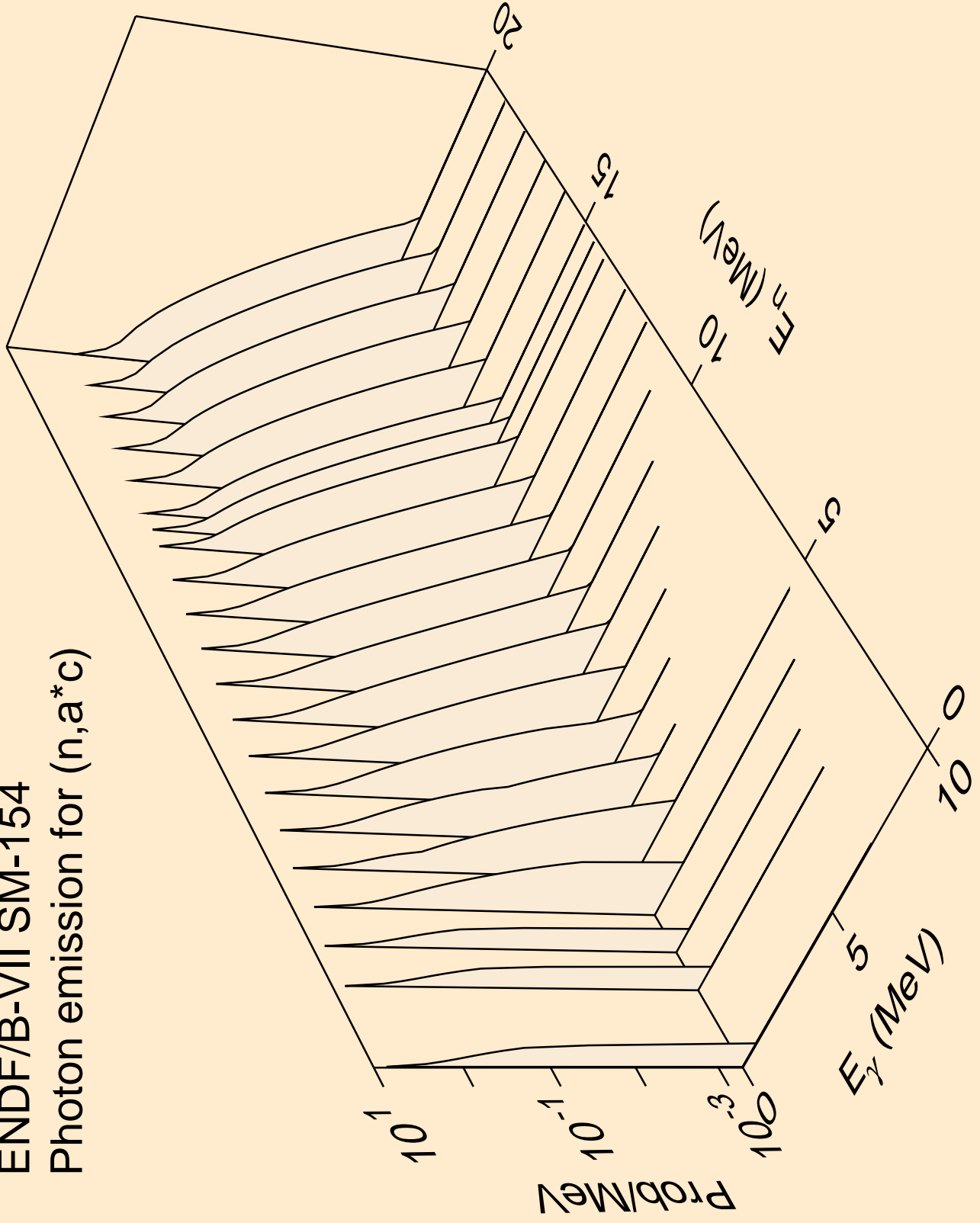
ENDF/B-VII SM-154  
Photon emission for (n,gma)



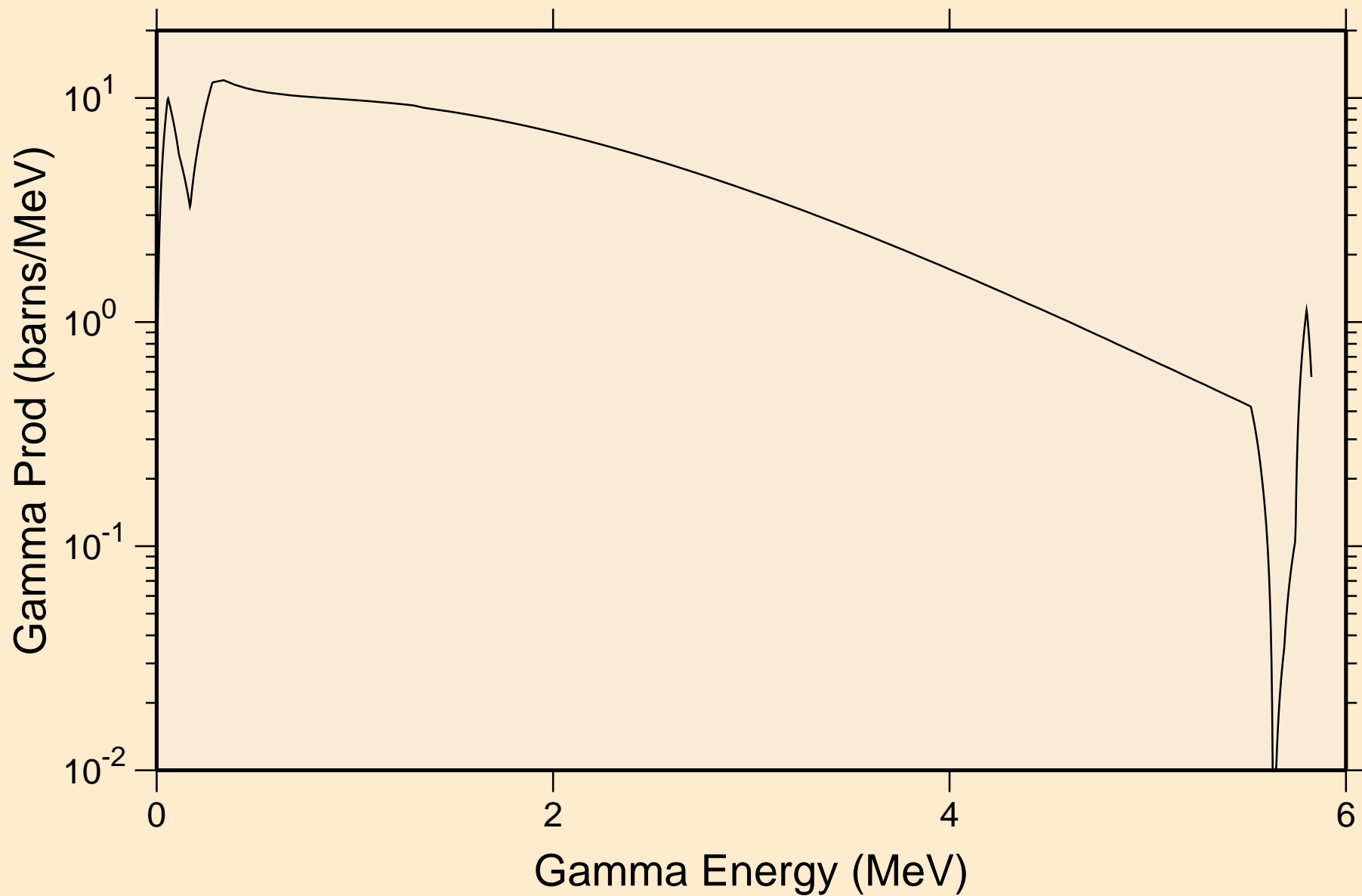
ENDF/B-VII SM-154  
Photon emission for (n,p\*c)



ENDF/B-VII SM-154  
Photon emission for (n,a\*c)

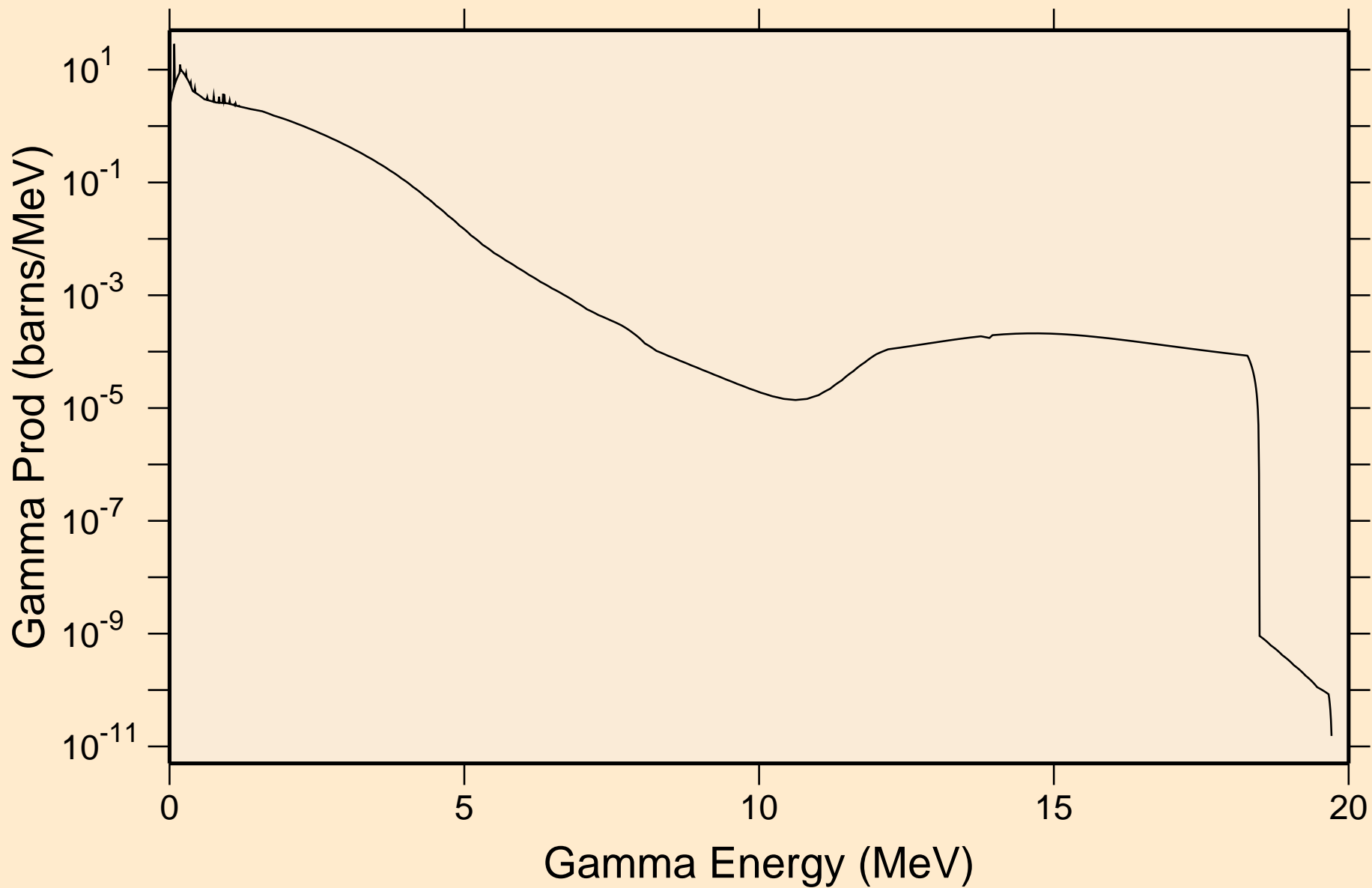


ENDF/B-VII SM-154  
thermal capture photon spectrum



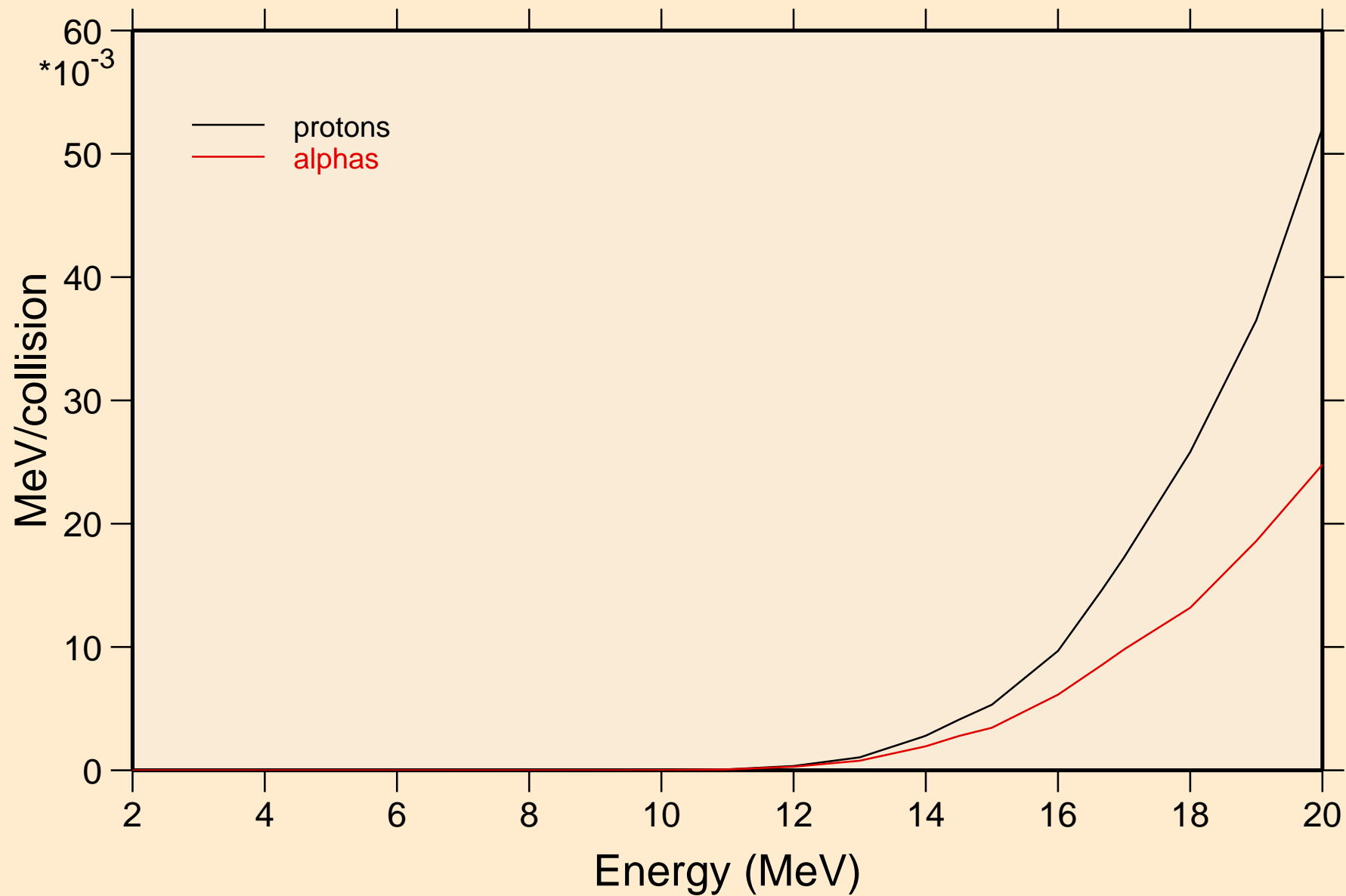


ENDF/B-VII SM-154  
14 MeV photon spectrum



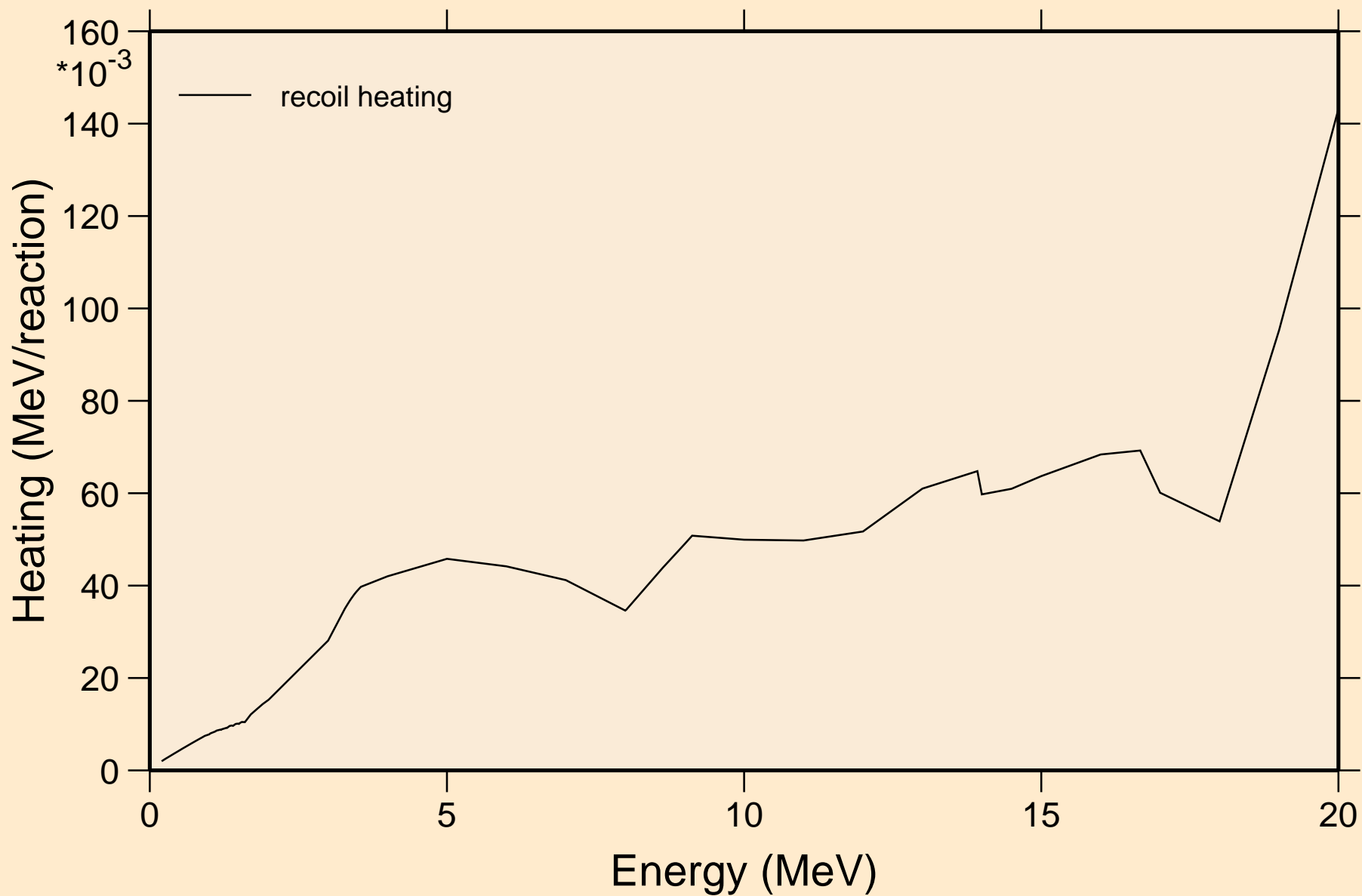
# ENDF/B-VII SM-154

## Particle heating contributions



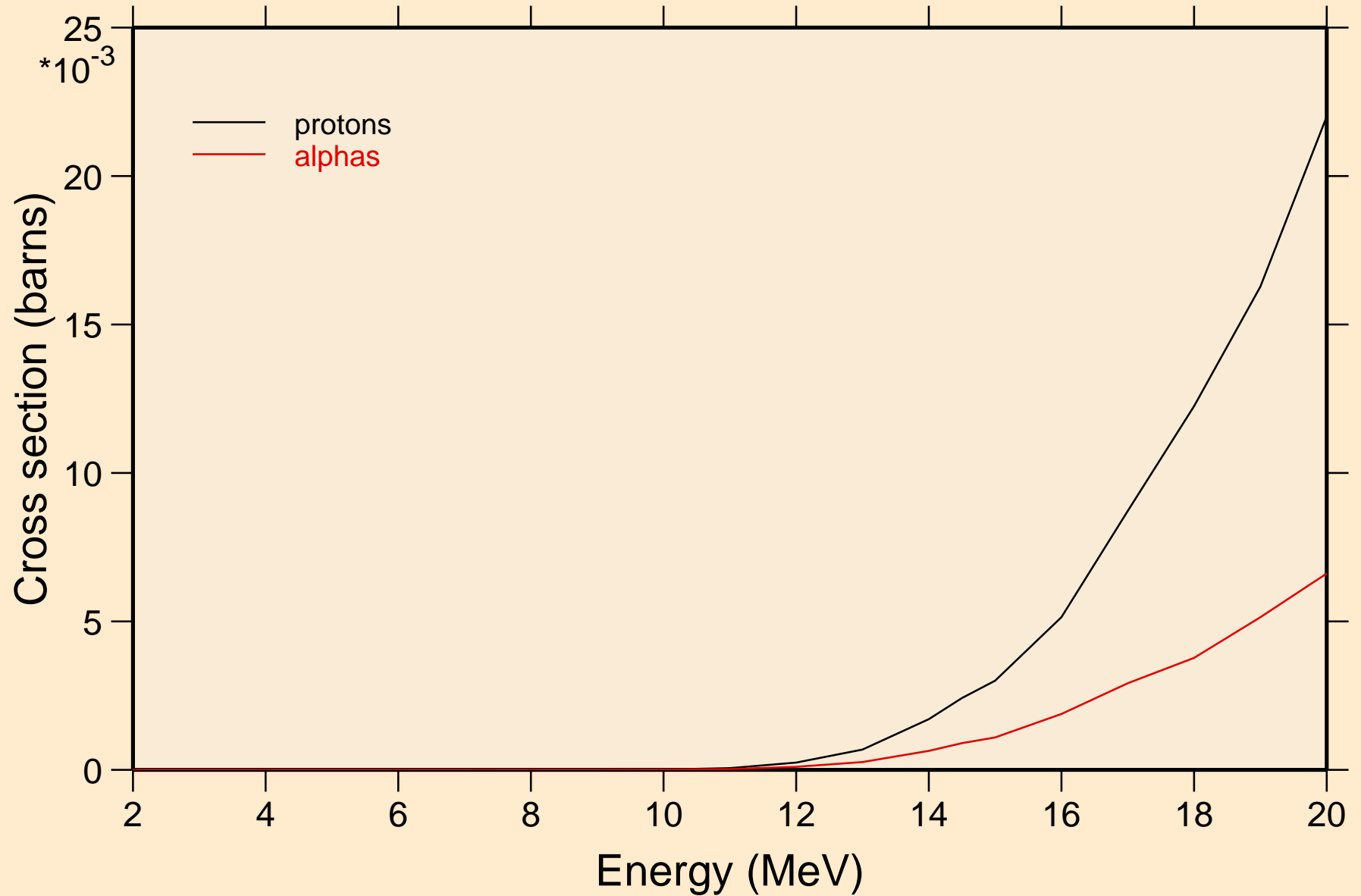
# ENDF/B-VII SM-154

## Recoil Heating

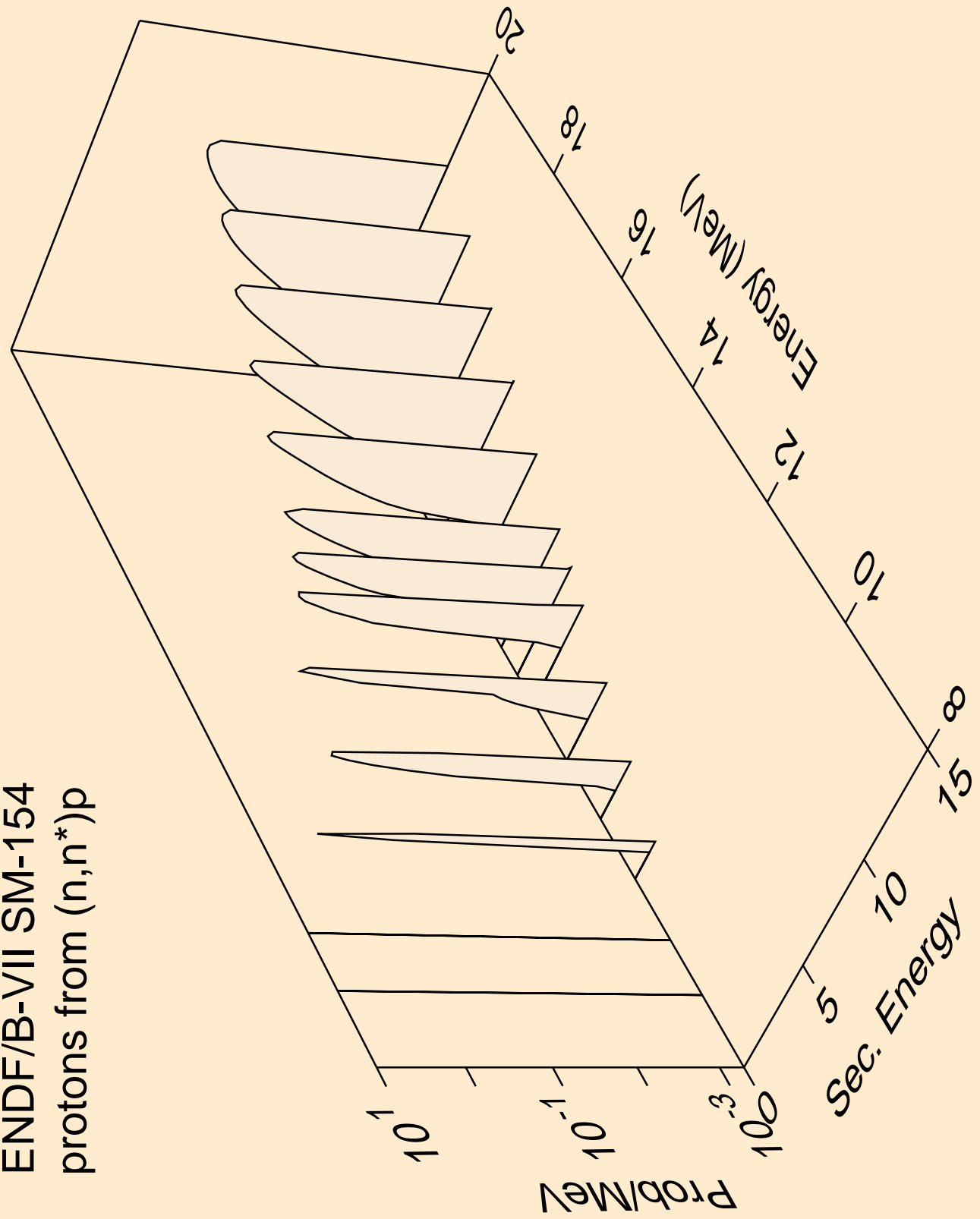


# ENDF/B-VII SM-154

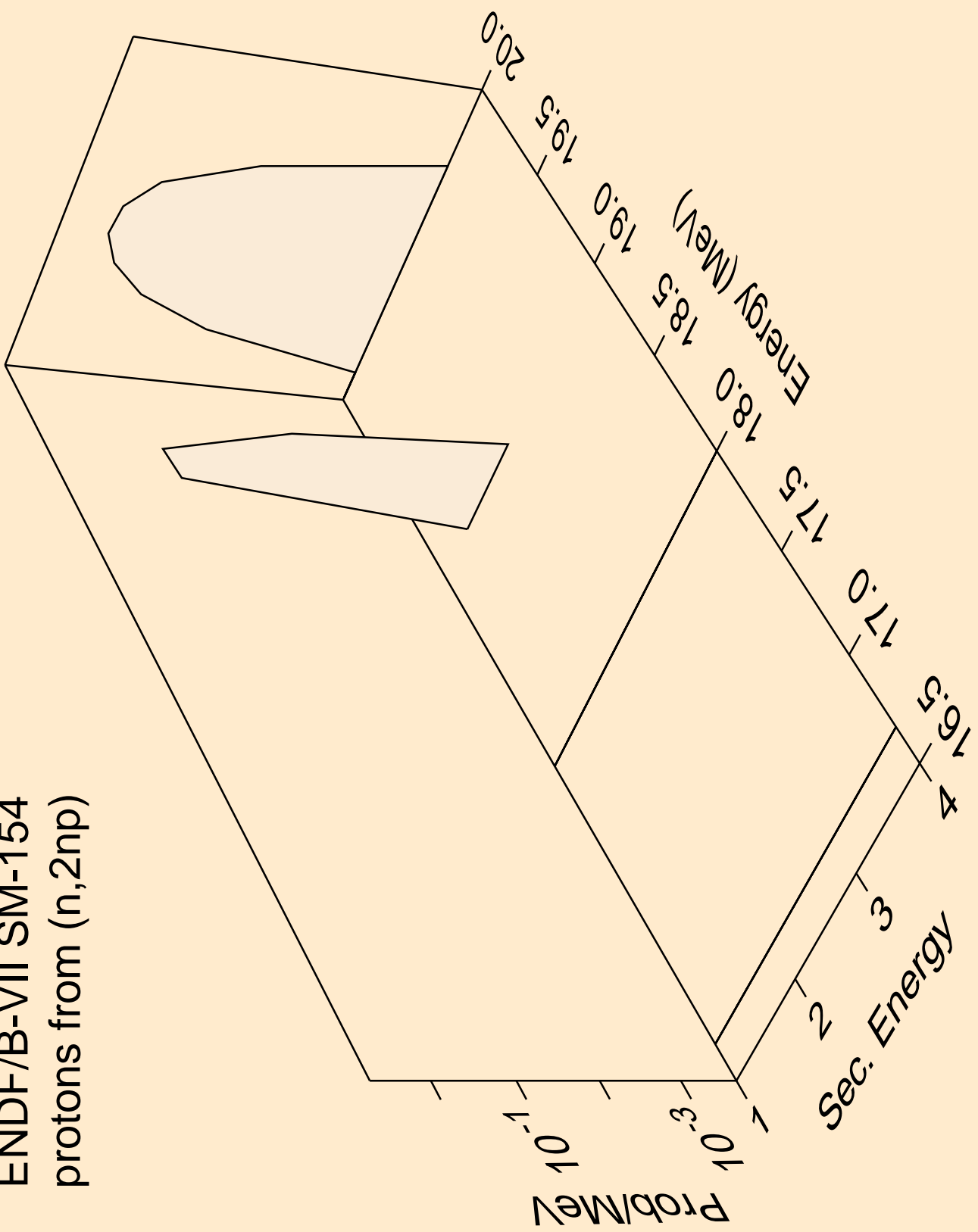
## Particle production cross sections



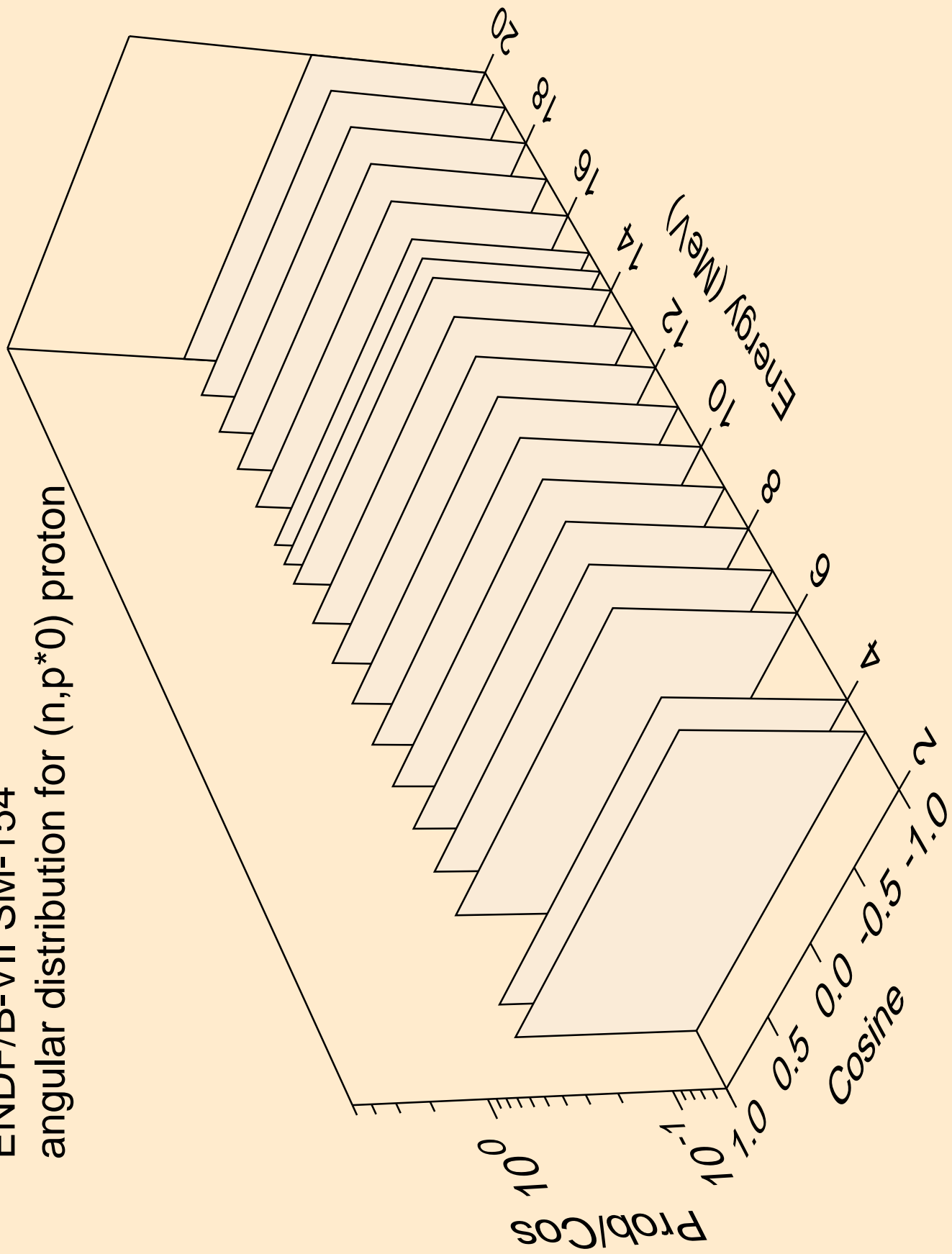
ENDF/B-VII SM-154  
protons from (n,n\*)p



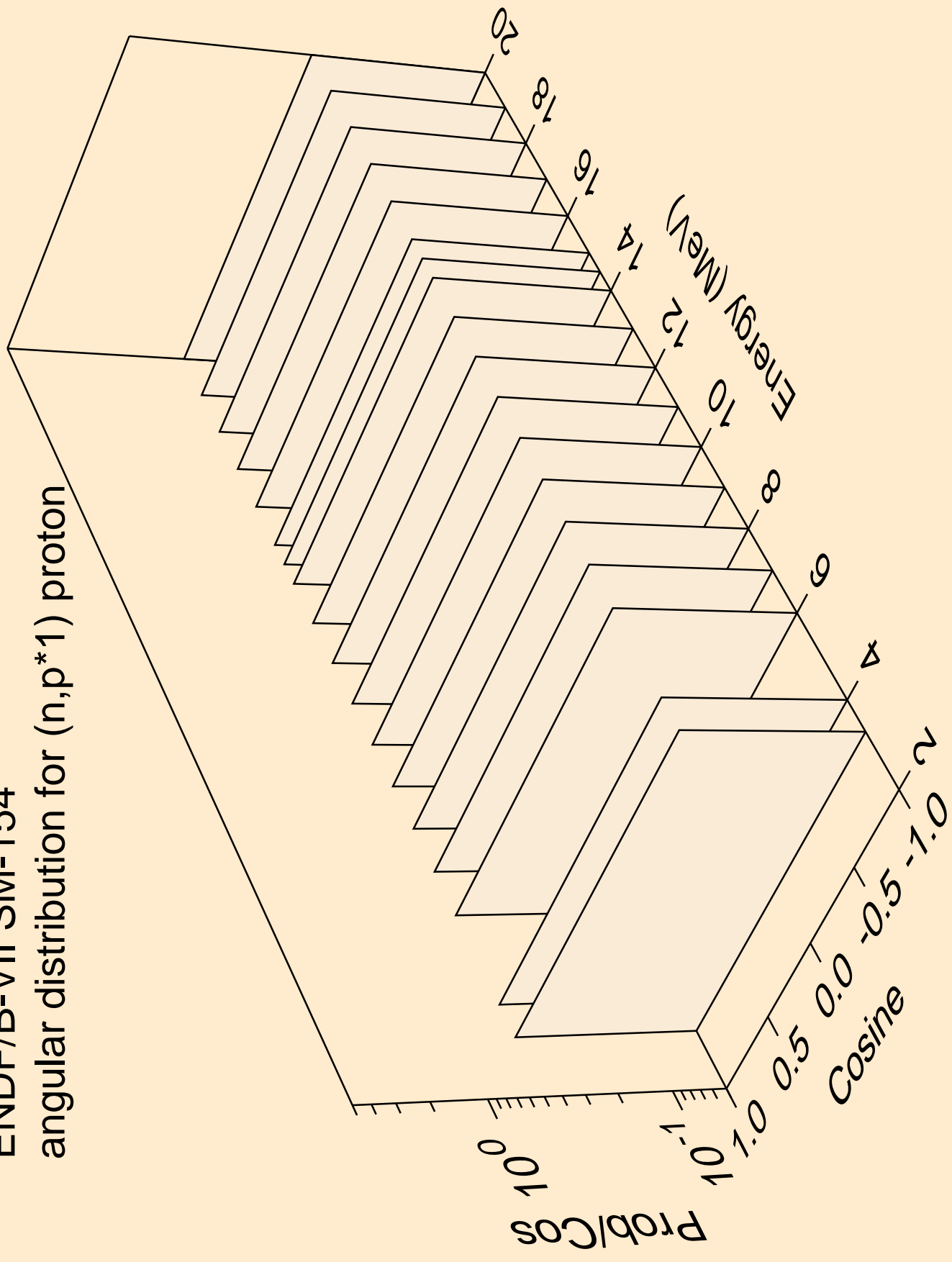
ENDF/B-VII SM-154  
protons from (n,2np)



ENDF/B-VII SM-154  
angular distribution for (n,p\*0) proton

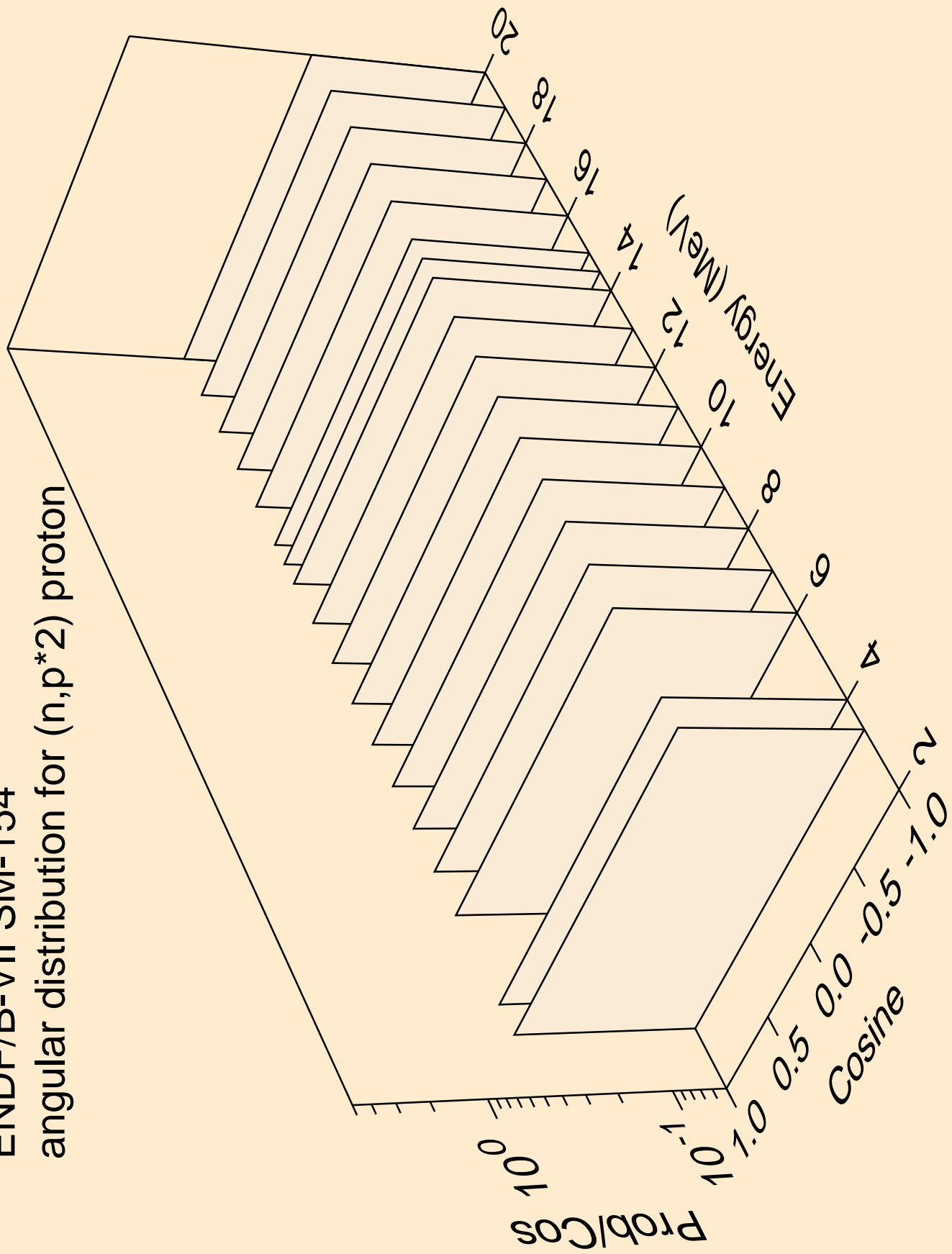


ENDF/B-VII SM-154  
angular distribution for (n,p\*1) proton

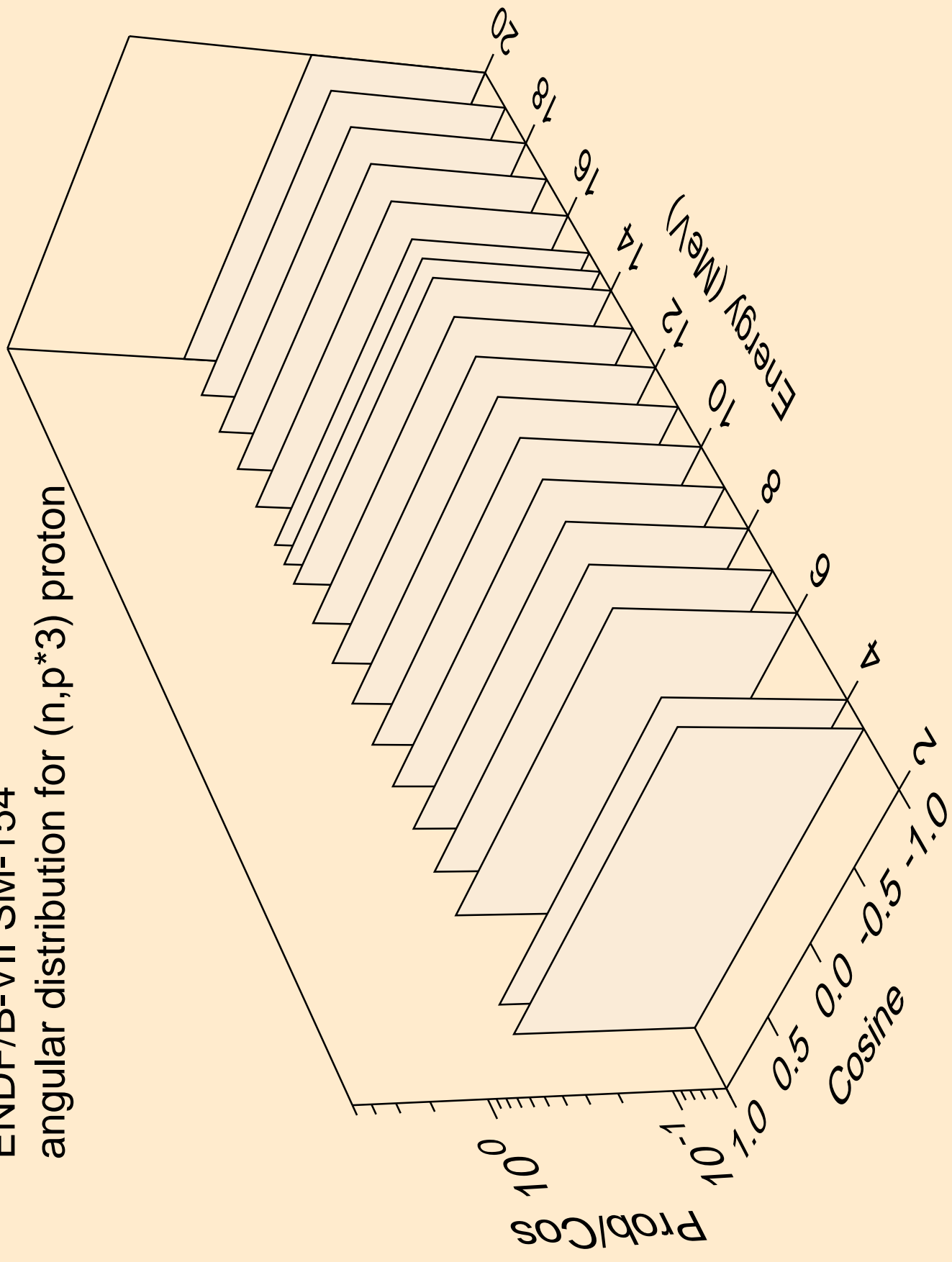




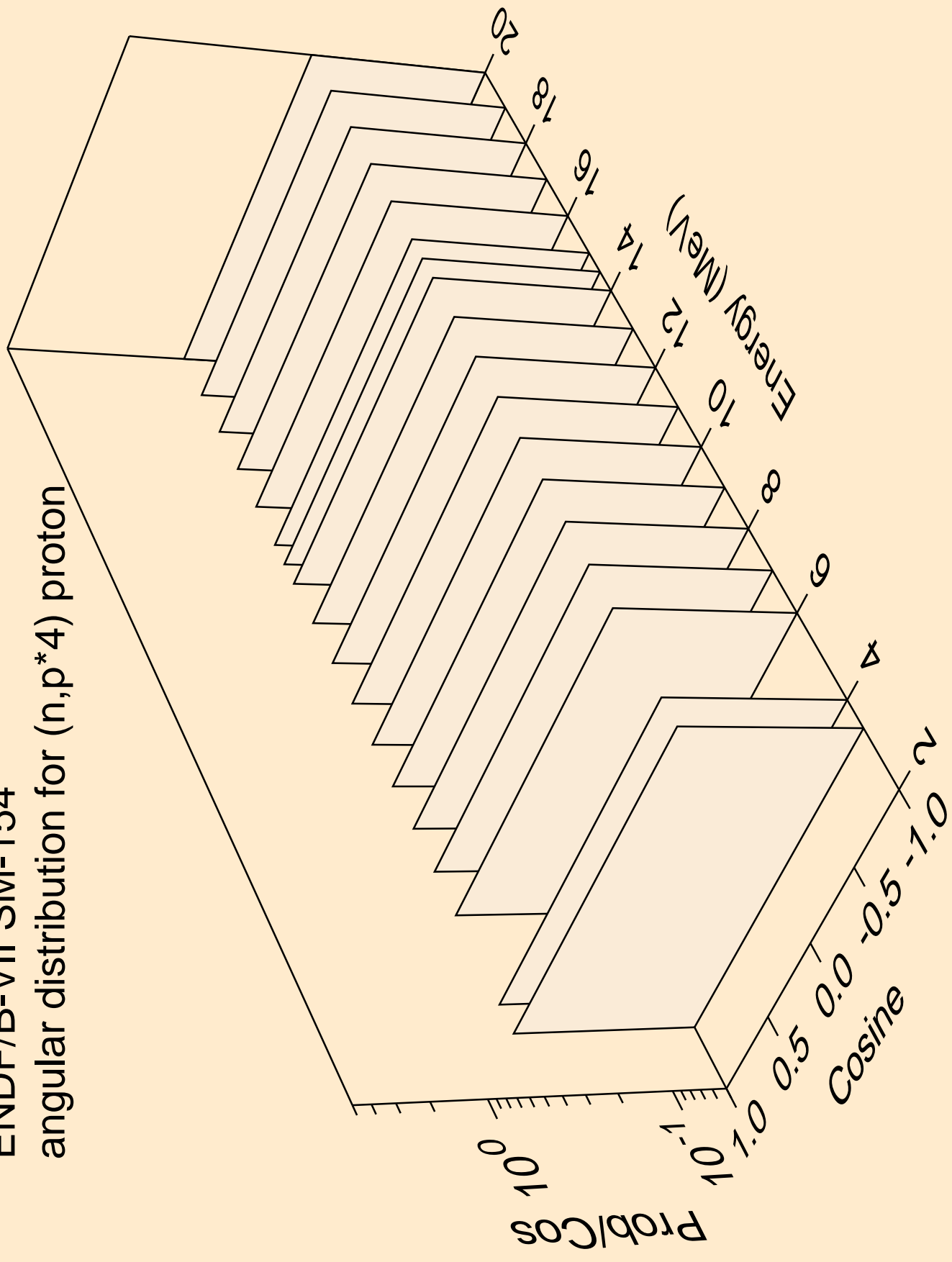
ENDF/B-VII SM-154  
angular distribution for (n,p\*2) proton



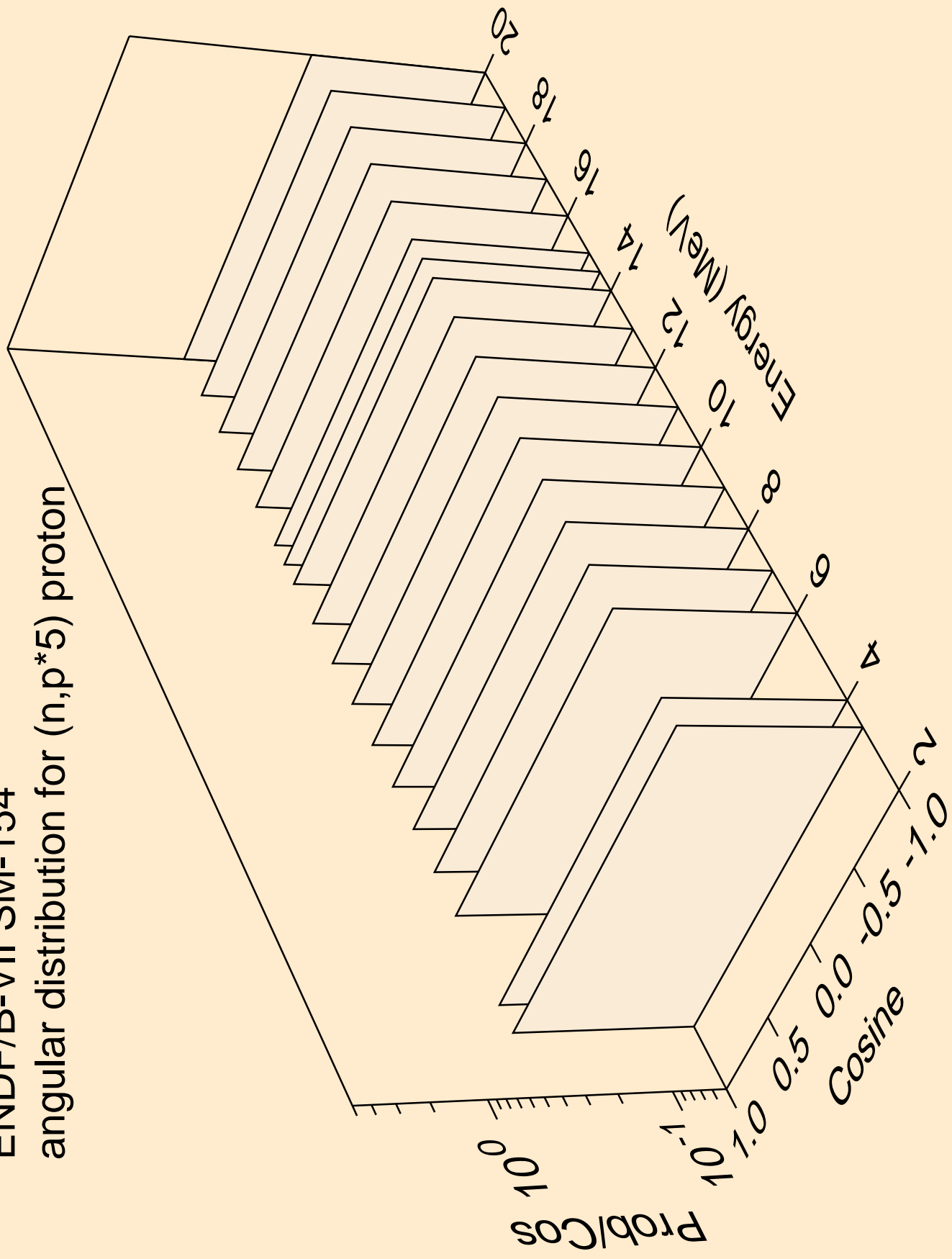
ENDF/B-VII SM-154  
angular distribution for (n,p\*3) proton



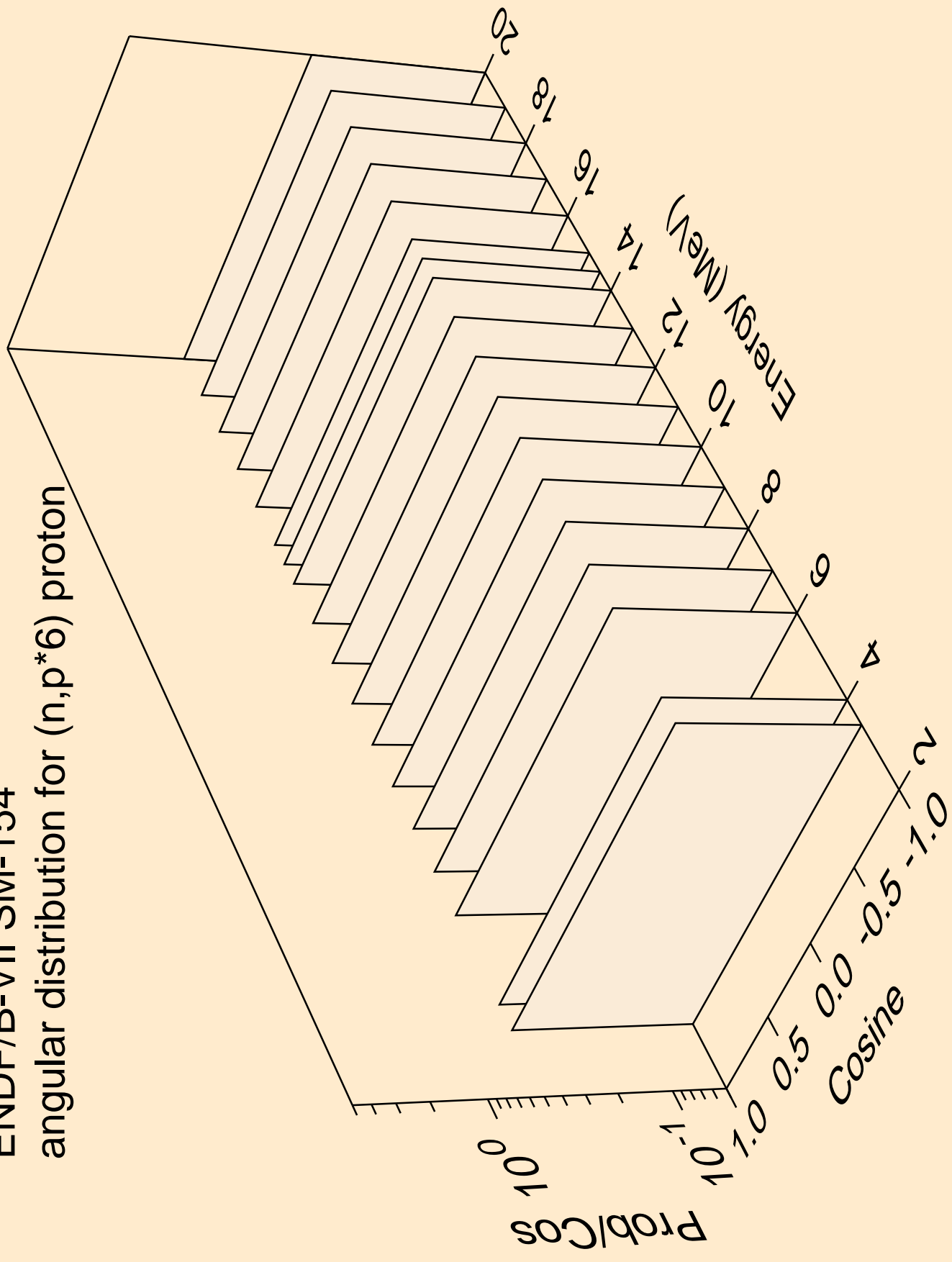
ENDF/B-VII SM-154  
angular distribution for (n,p\*4) proton



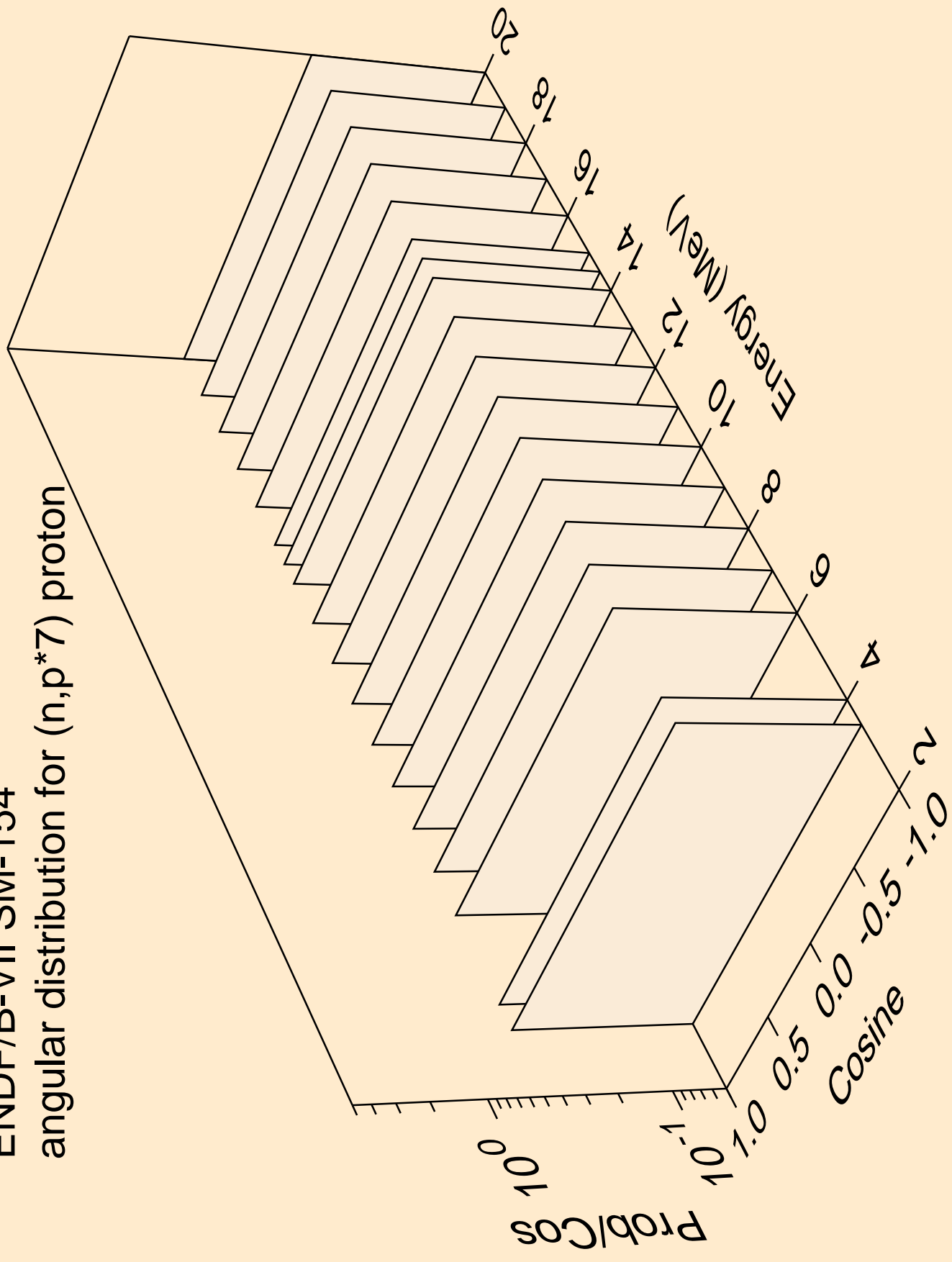
ENDF/B-VII SM-154  
angular distribution for (n,p\*5) proton



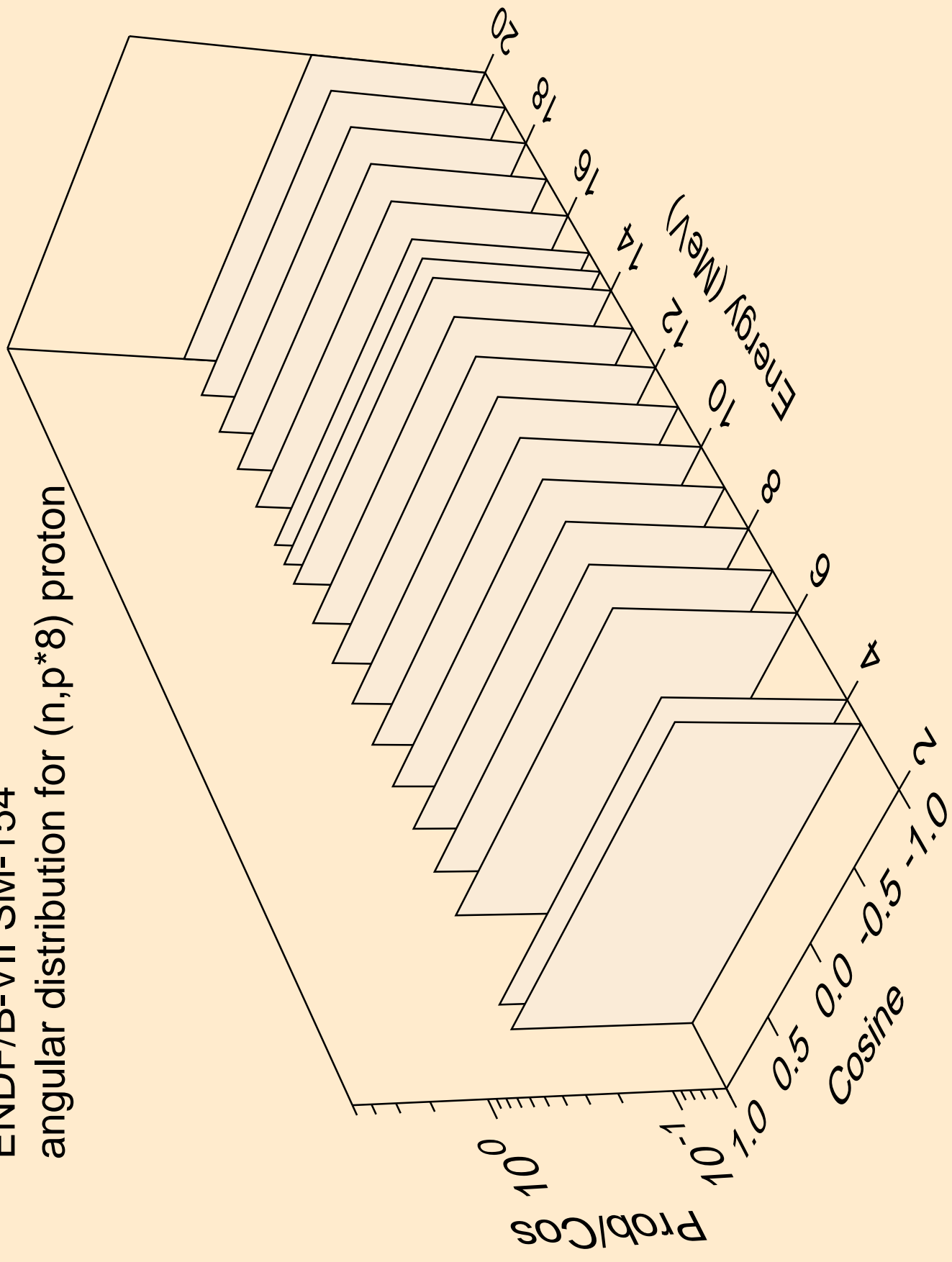
ENDF/B-VII SM-154  
angular distribution for (n,p\*6) proton



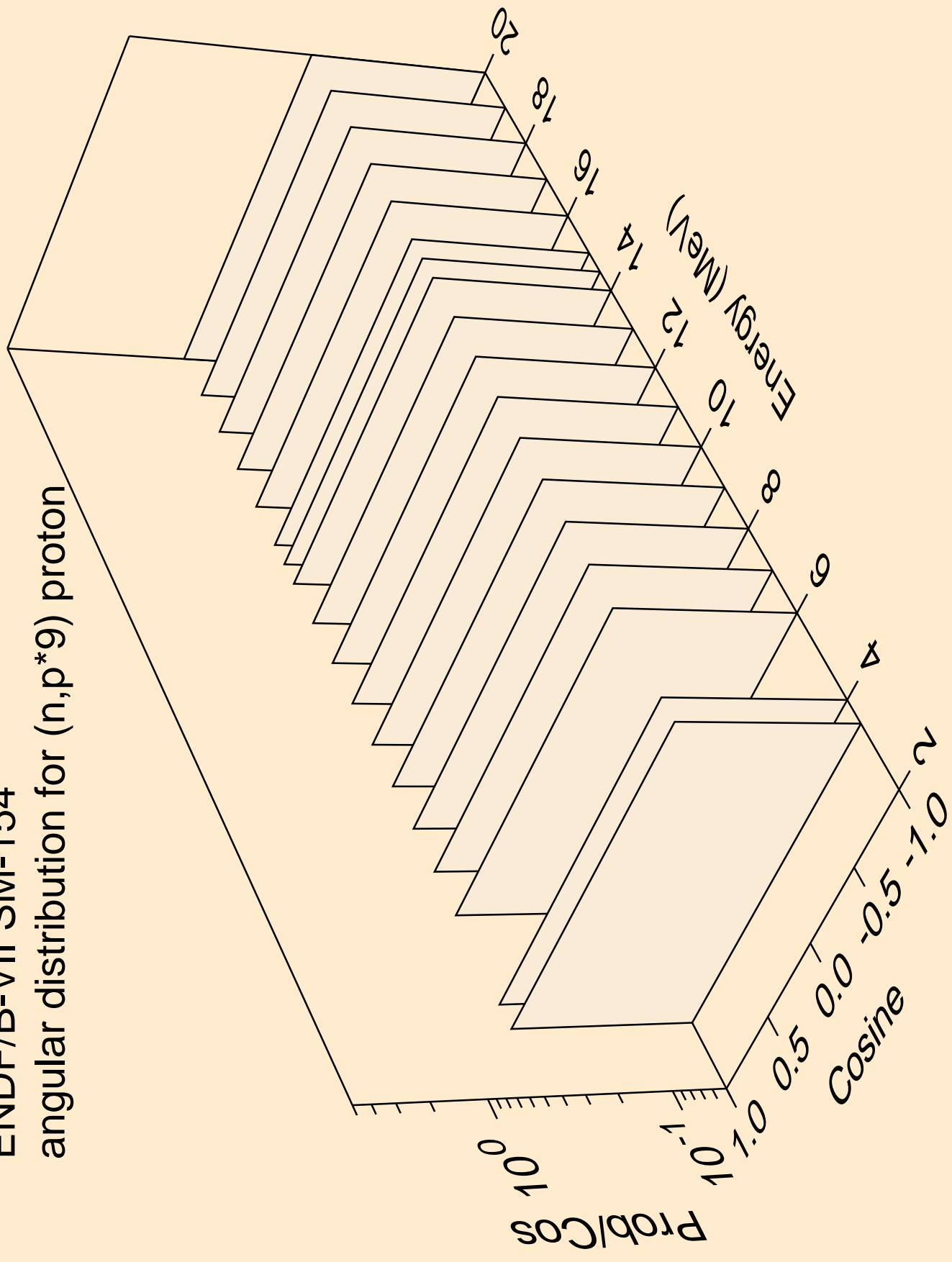
ENDF/B-VII SM-154  
angular distribution for (n,p\*7) proton



ENDF/B-VII SM-154  
angular distribution for (n,p\*8) proton

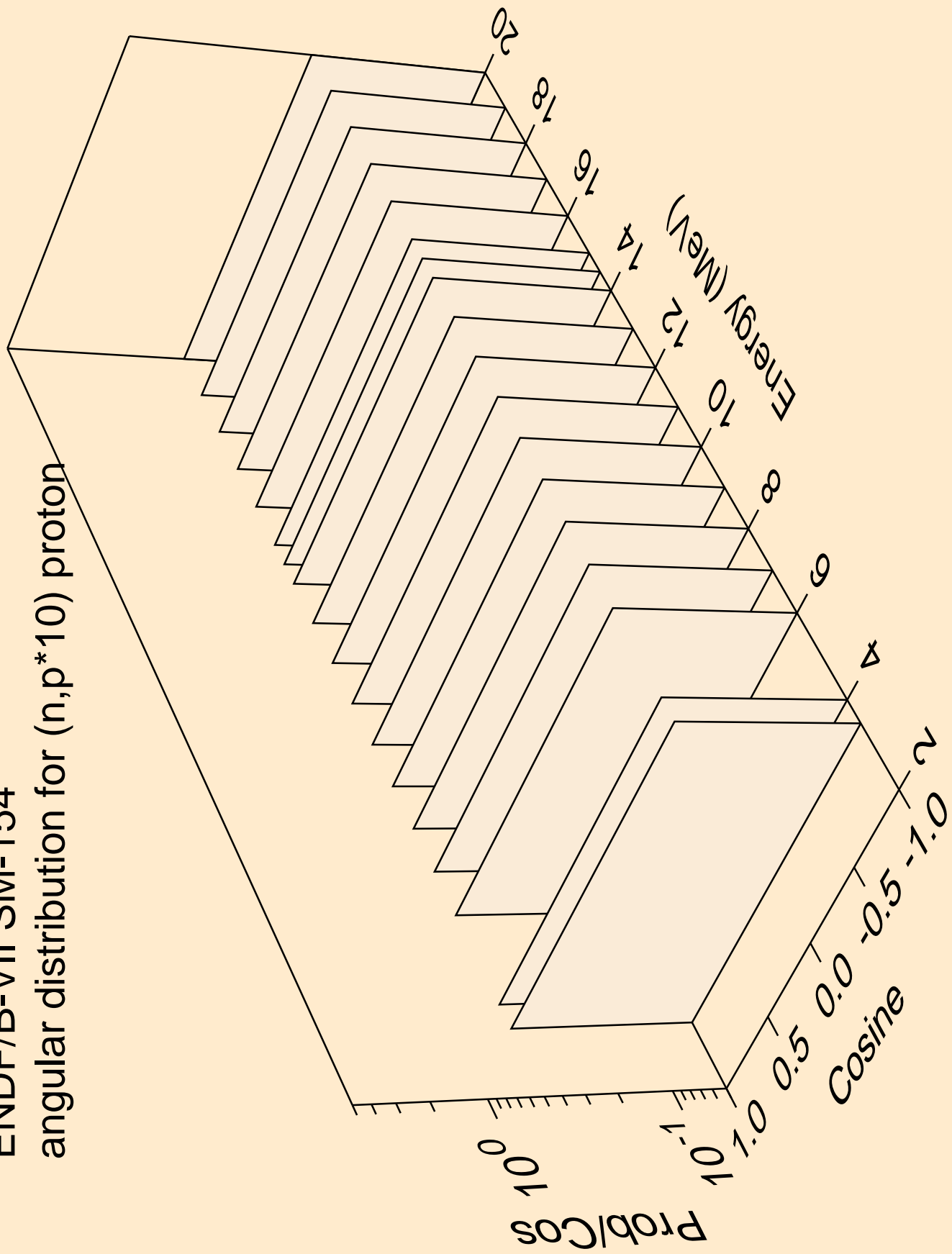


ENDF/B-VII SM-154  
angular distribution for (n,p\*9) proton

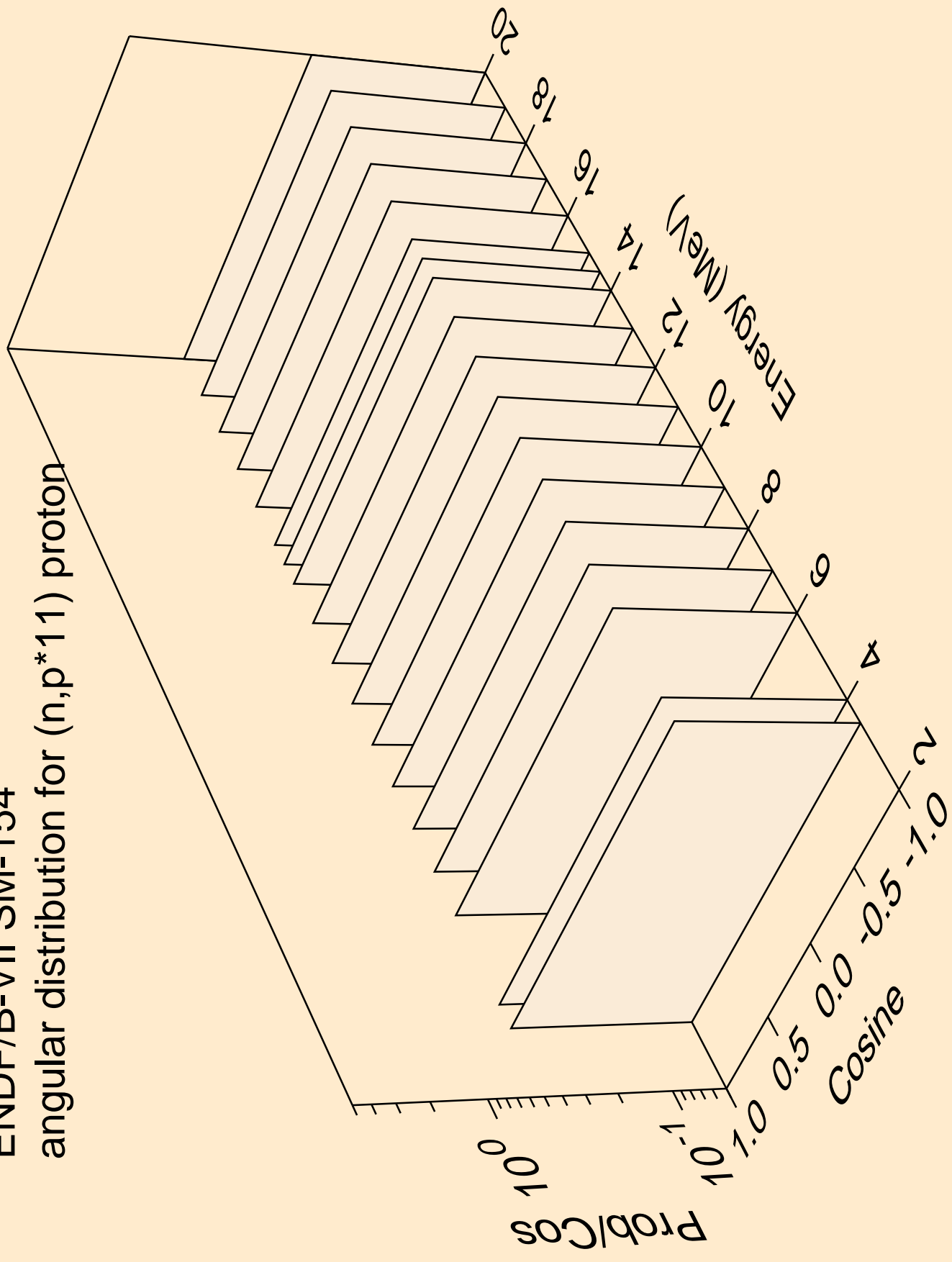




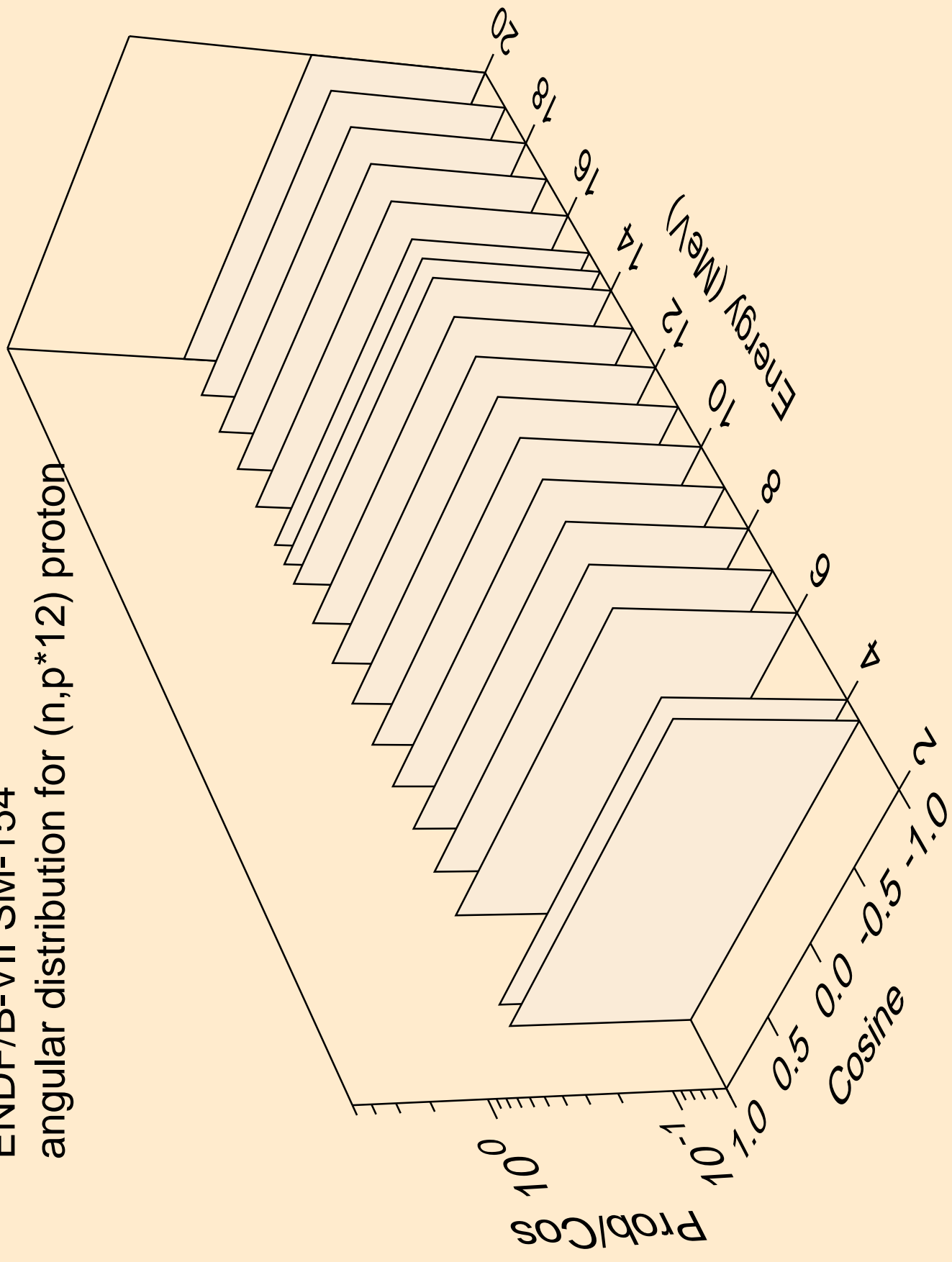
ENDF/B-VII SM-154  
angular distribution for (n,p\*10) proton



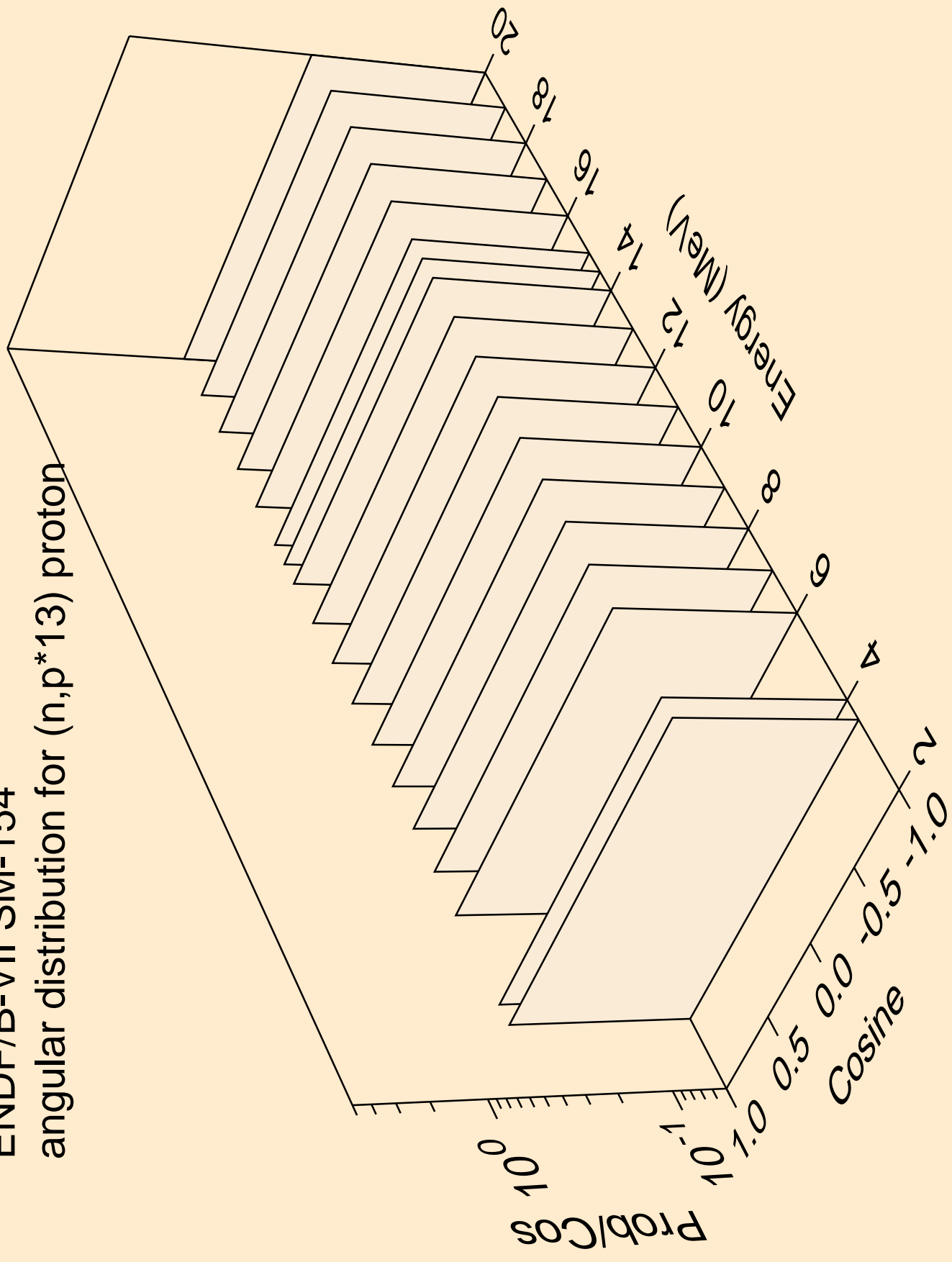
ENDF/B-VII SM-154  
angular distribution for (n,p\*11) proton



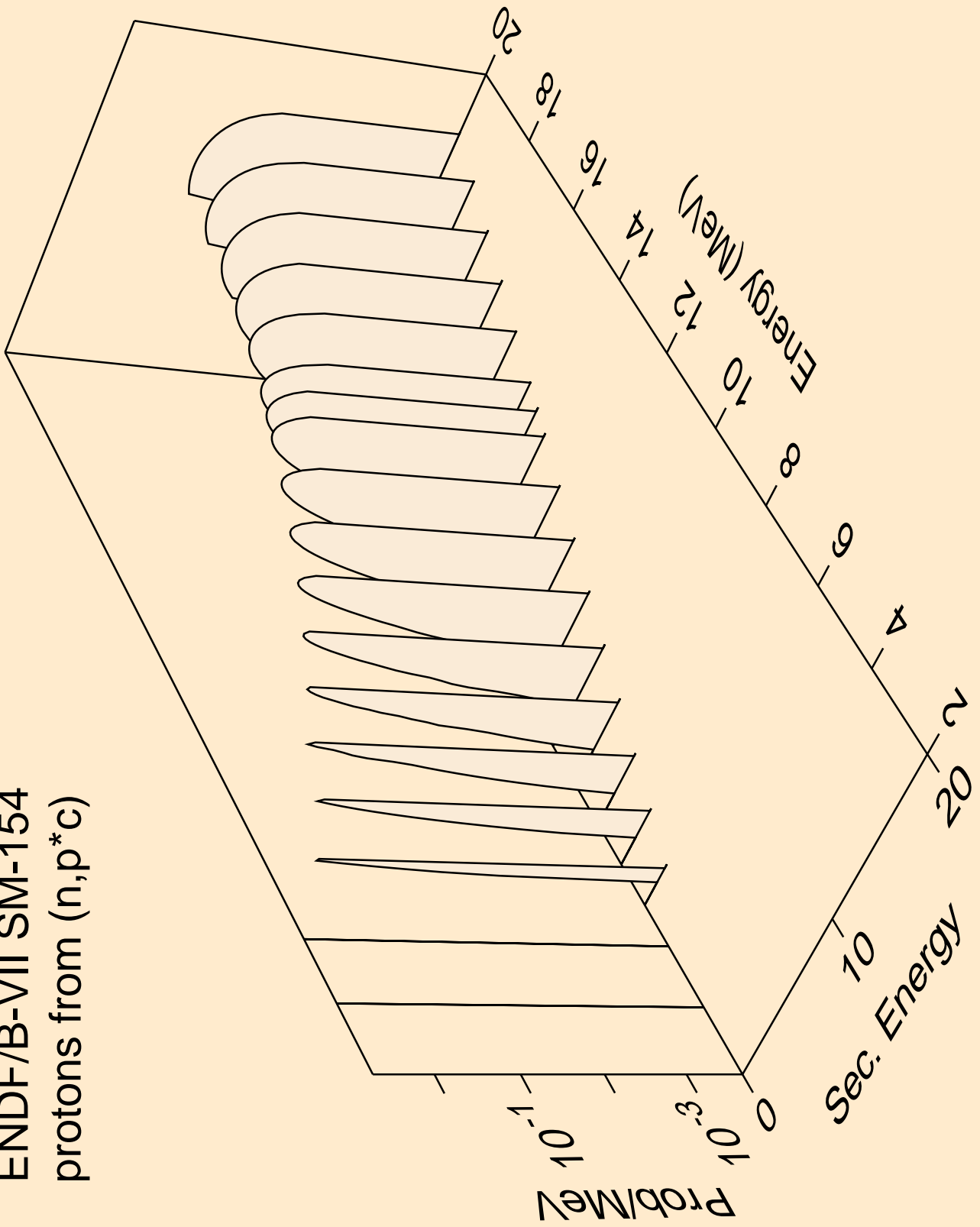
ENDF/B-VII SM-154  
angular distribution for (n,p\*12) proton



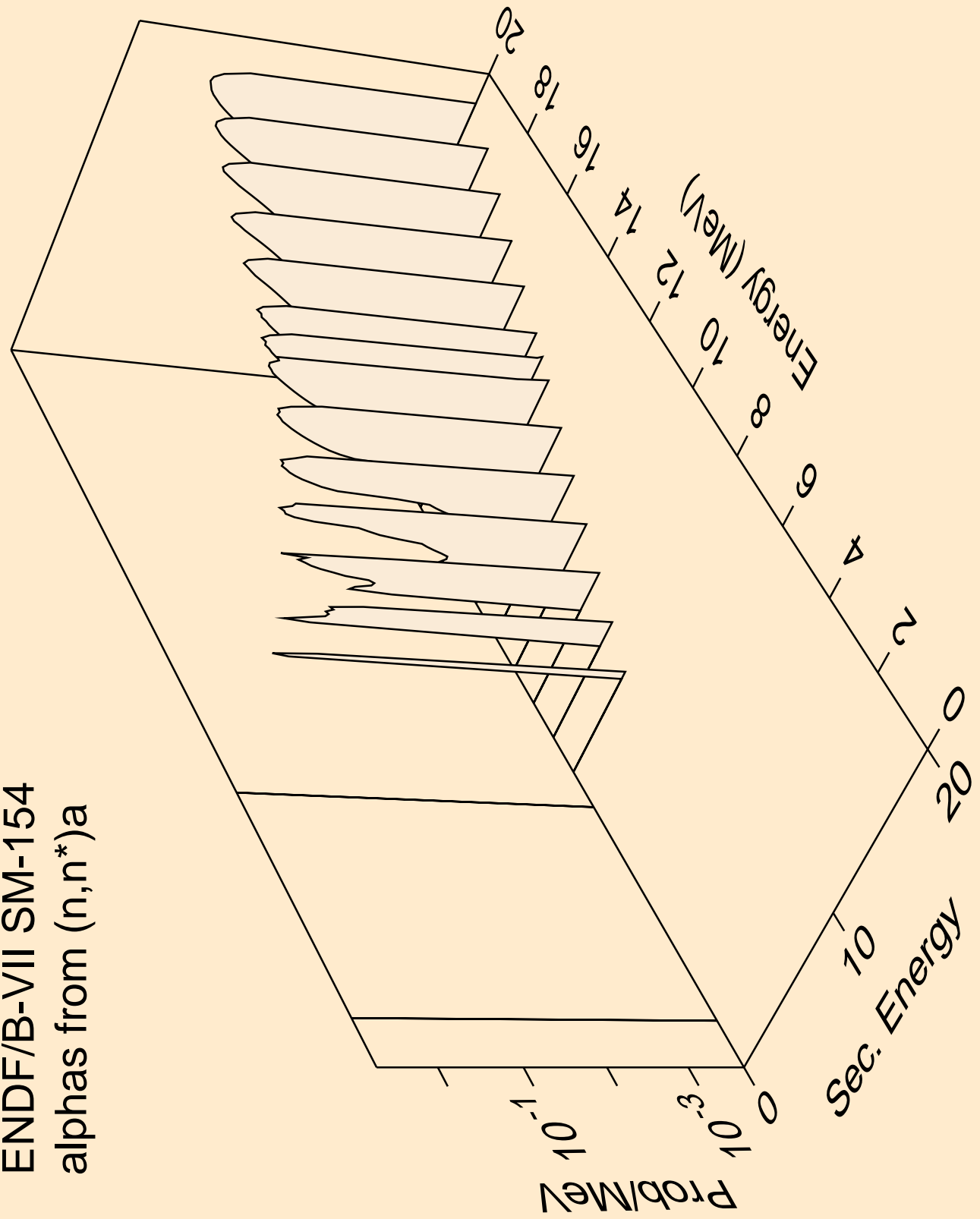
ENDF/B-VII SM-154  
angular distribution for (n,p\*13) proton



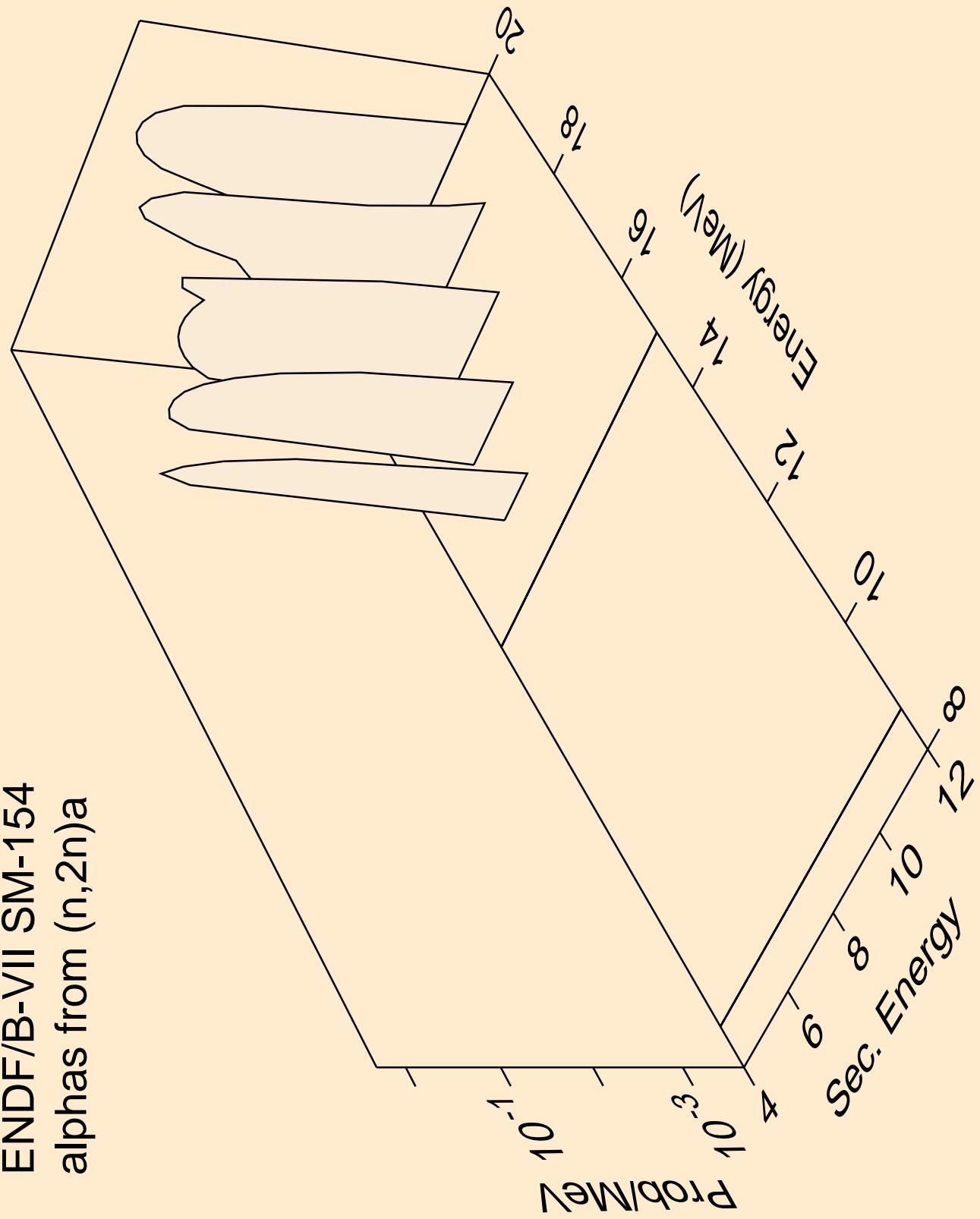
ENDF/B-VII SM-154  
protons from (n,p\*c)



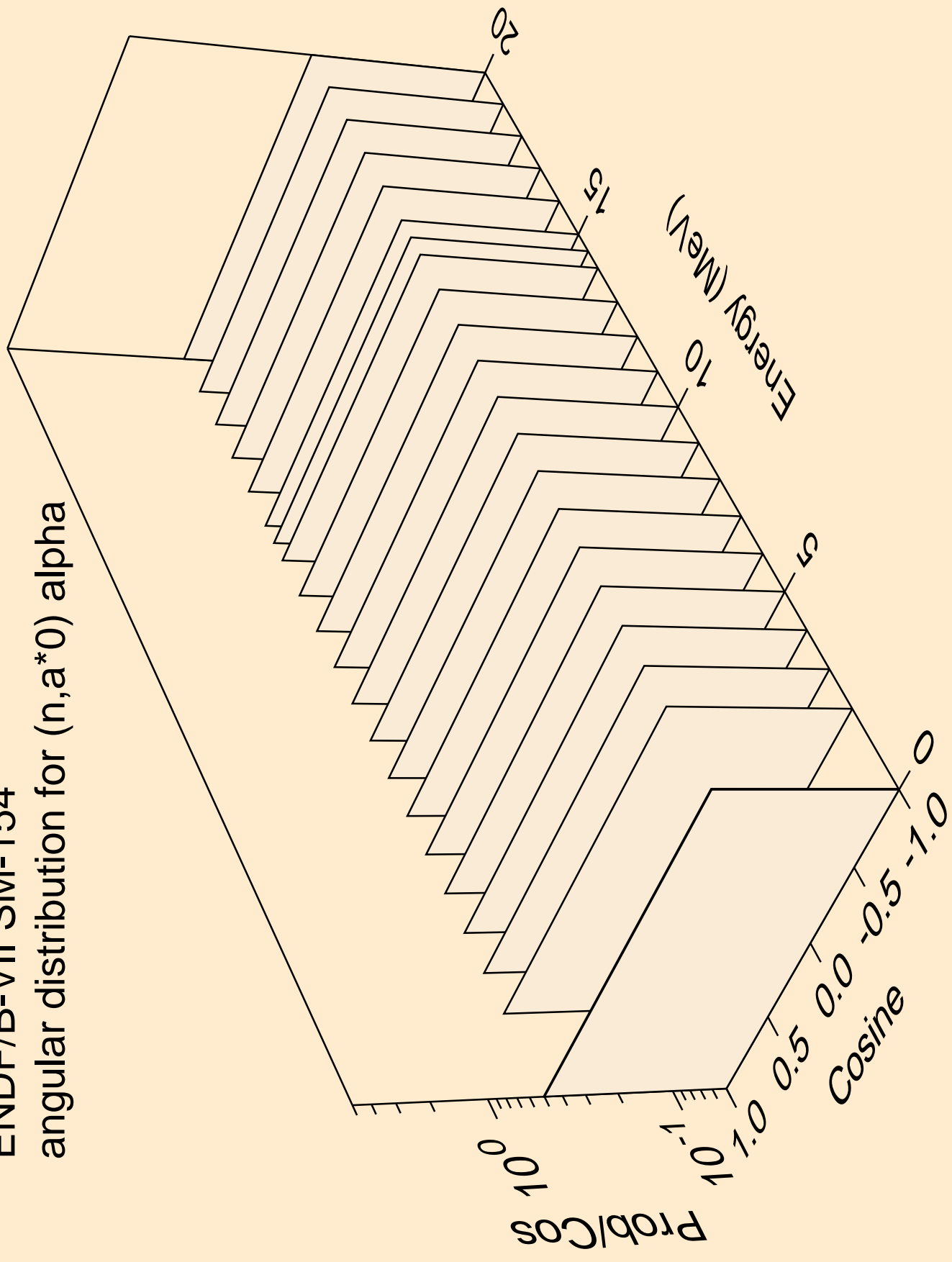
ENDF/B-VII SM-154  
alphas from (n,n\*)a



ENDF/B-VII SM-154  
alphas from (n,2n)a



ENDF/B-VII SM-154  
angular distribution for (n,a\*0) alpha





ENDF/B-VII SM-154  
alphas from (n,a\*c)

