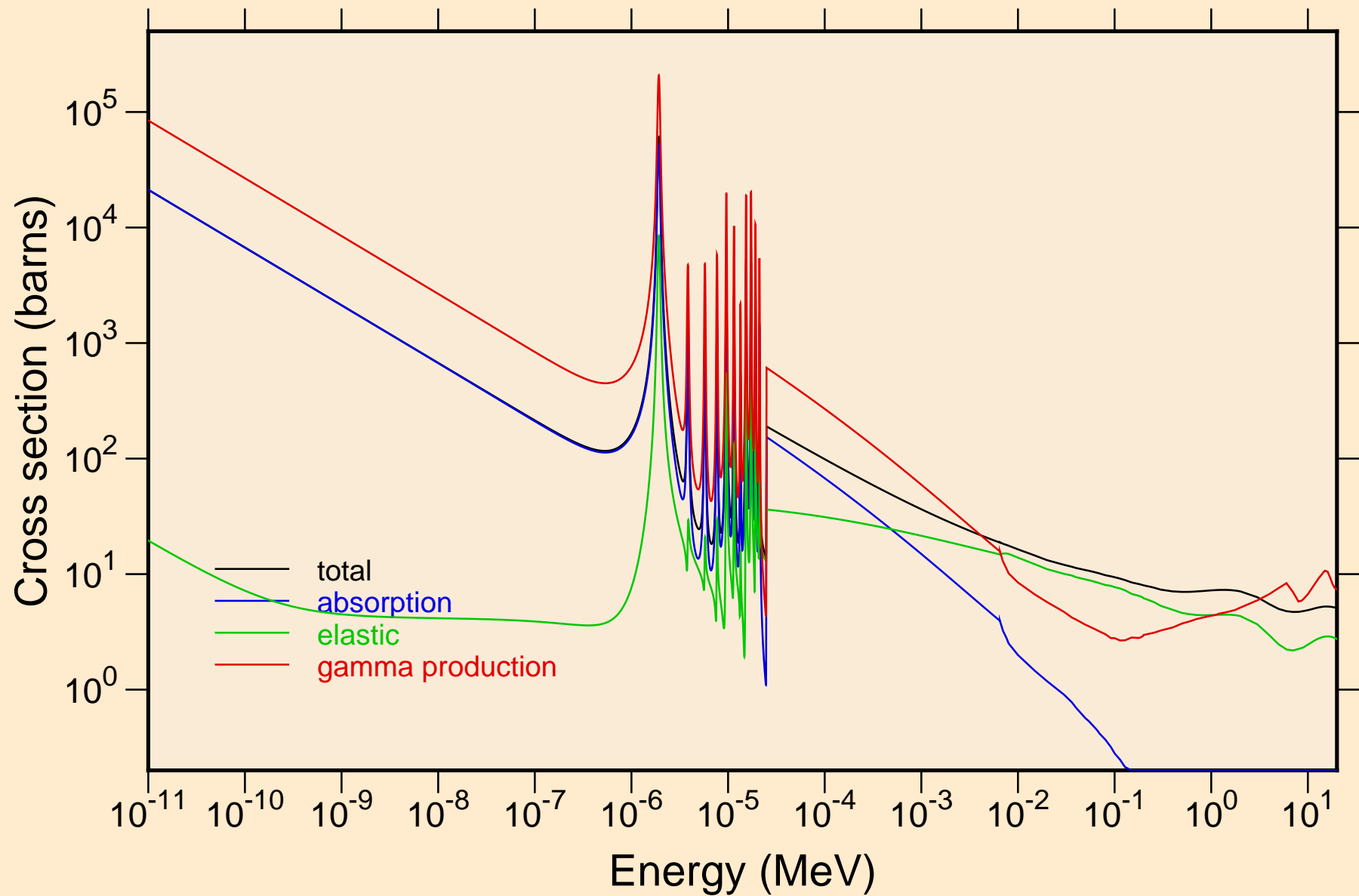
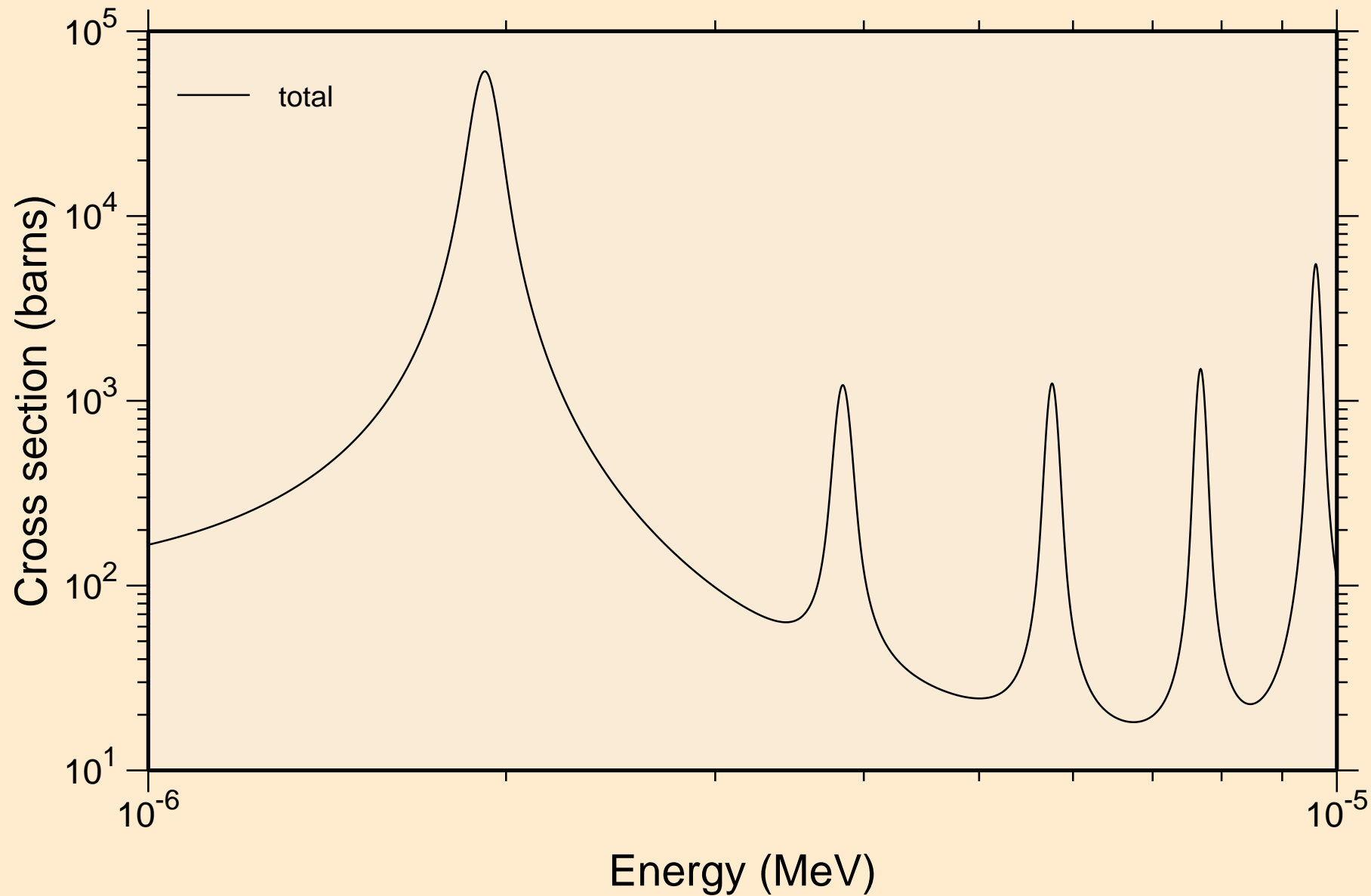


# ENDF/B-VII SM-153

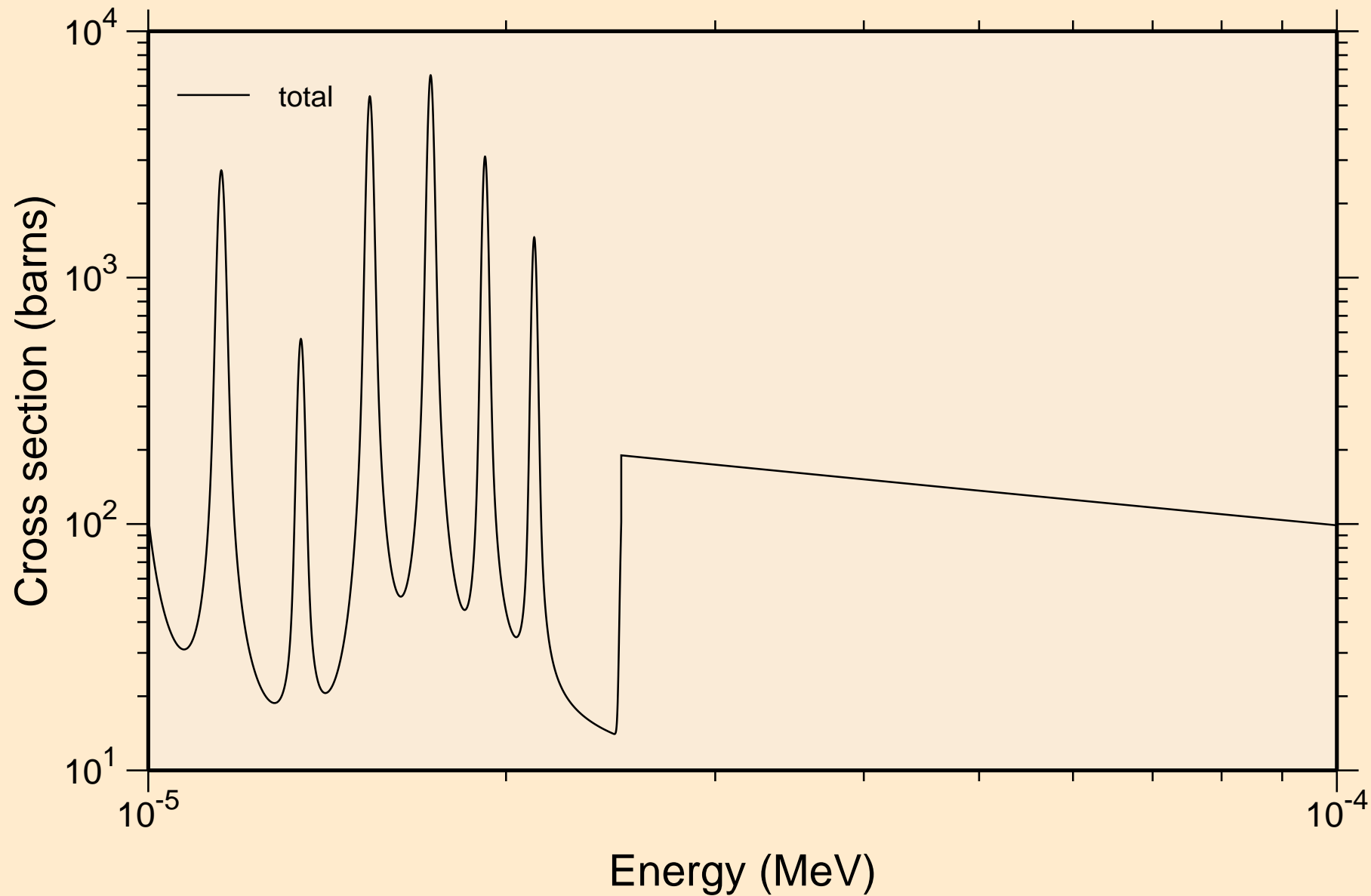
## Principal cross sections



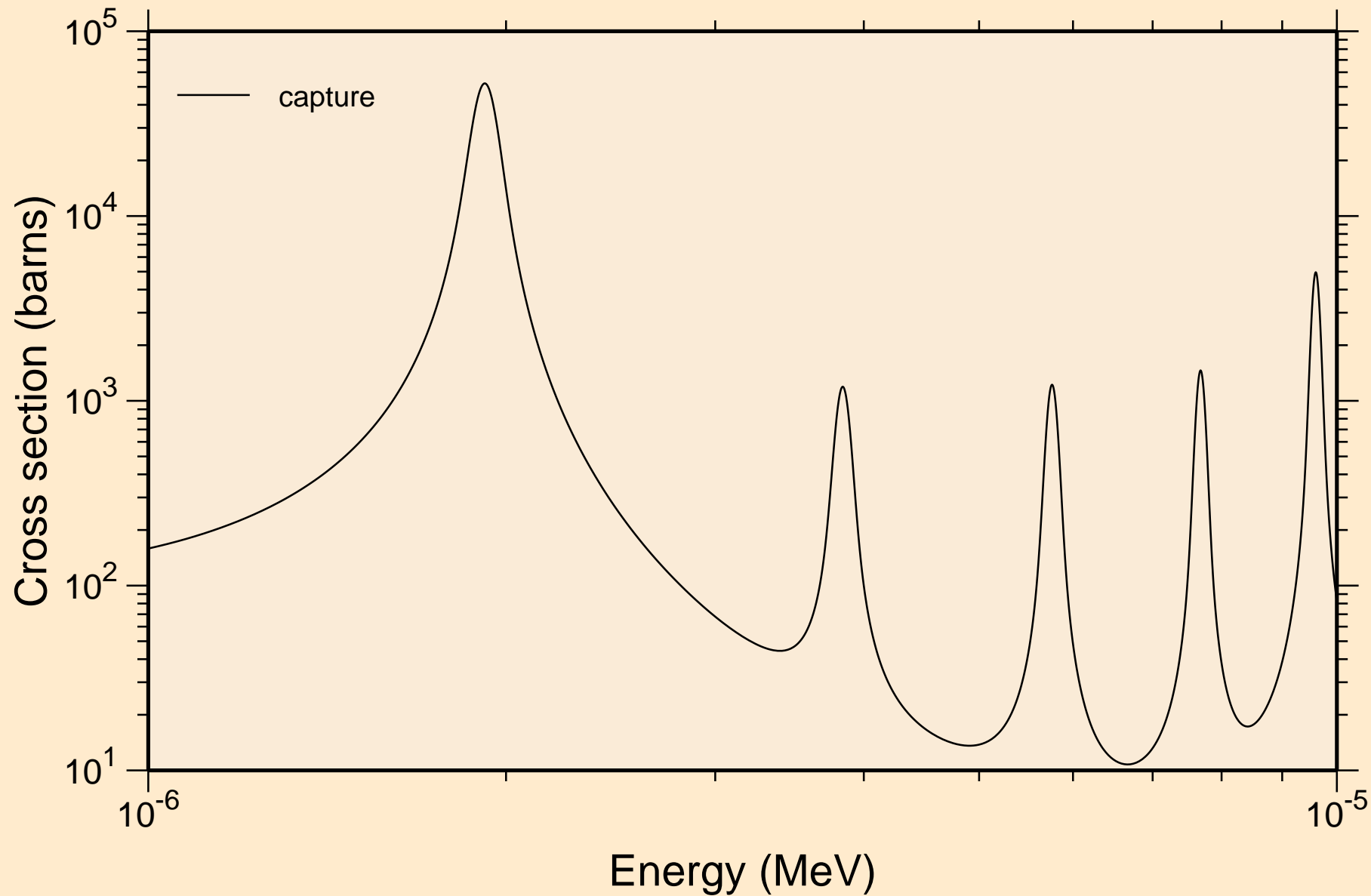
ENDF/B-VII SM-153  
resonance total cross section



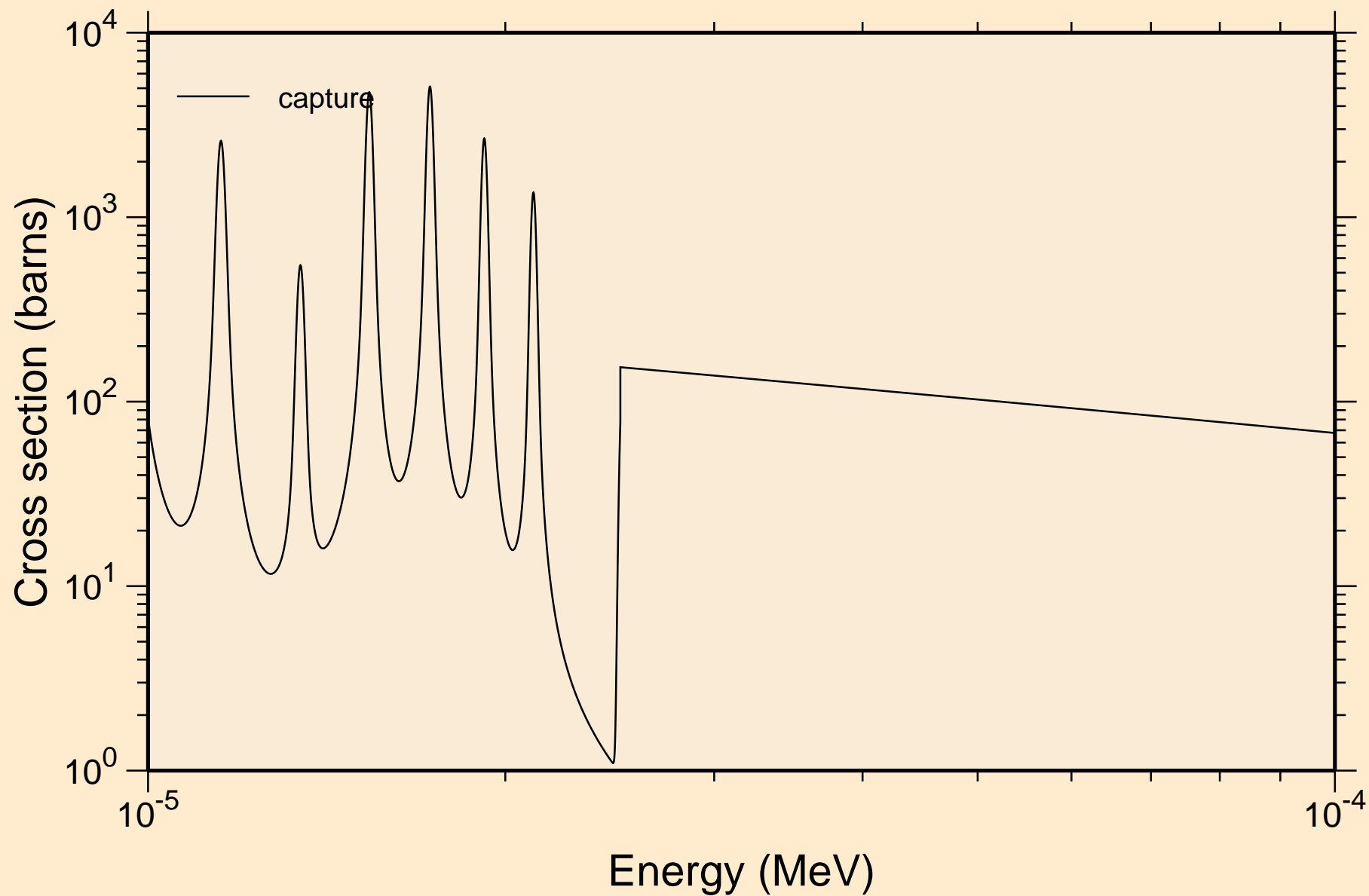
ENDF/B-VII SM-153  
resonance total cross section



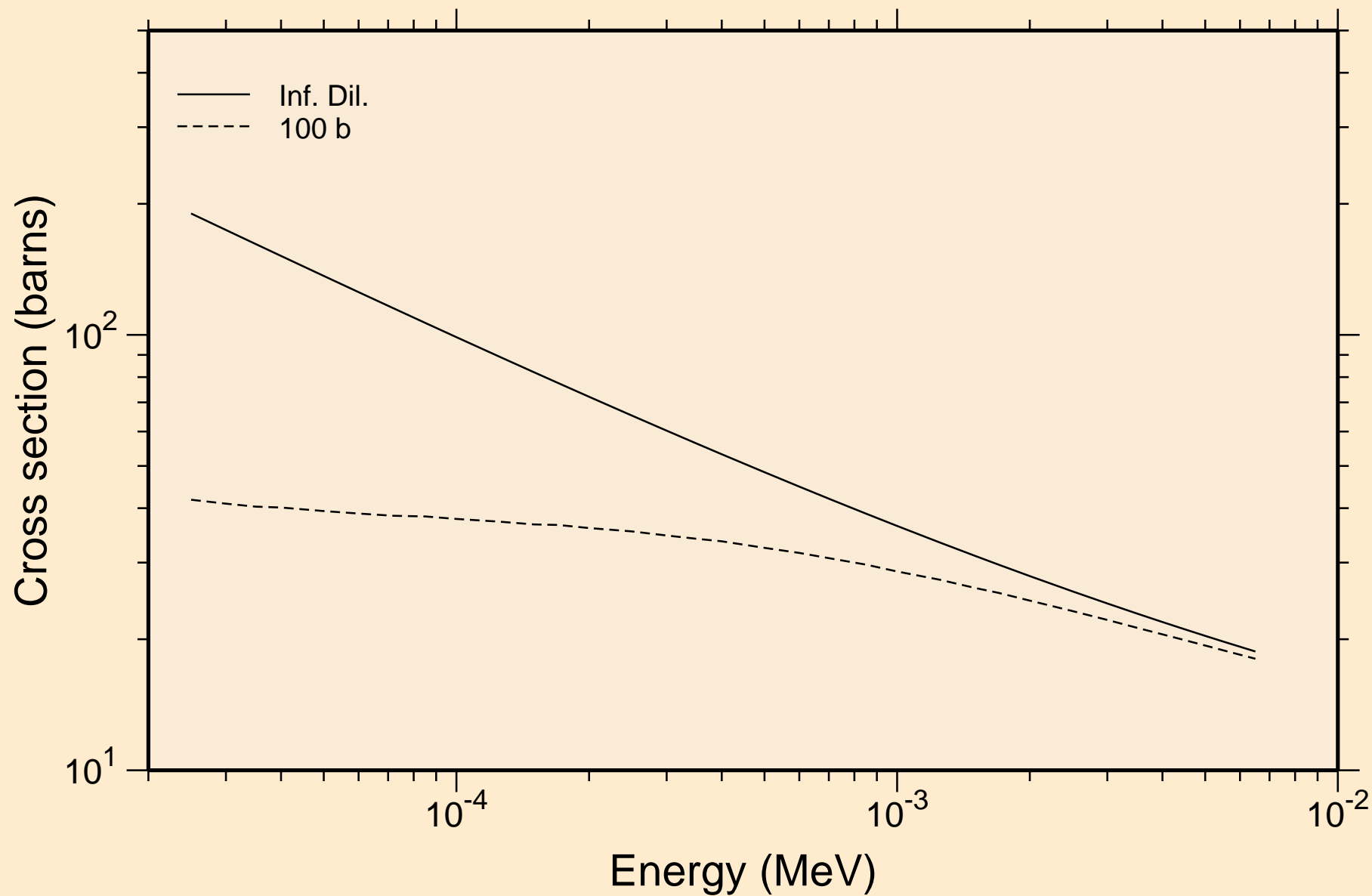
# ENDF/B-VII SM-153 resonance absorption cross sections



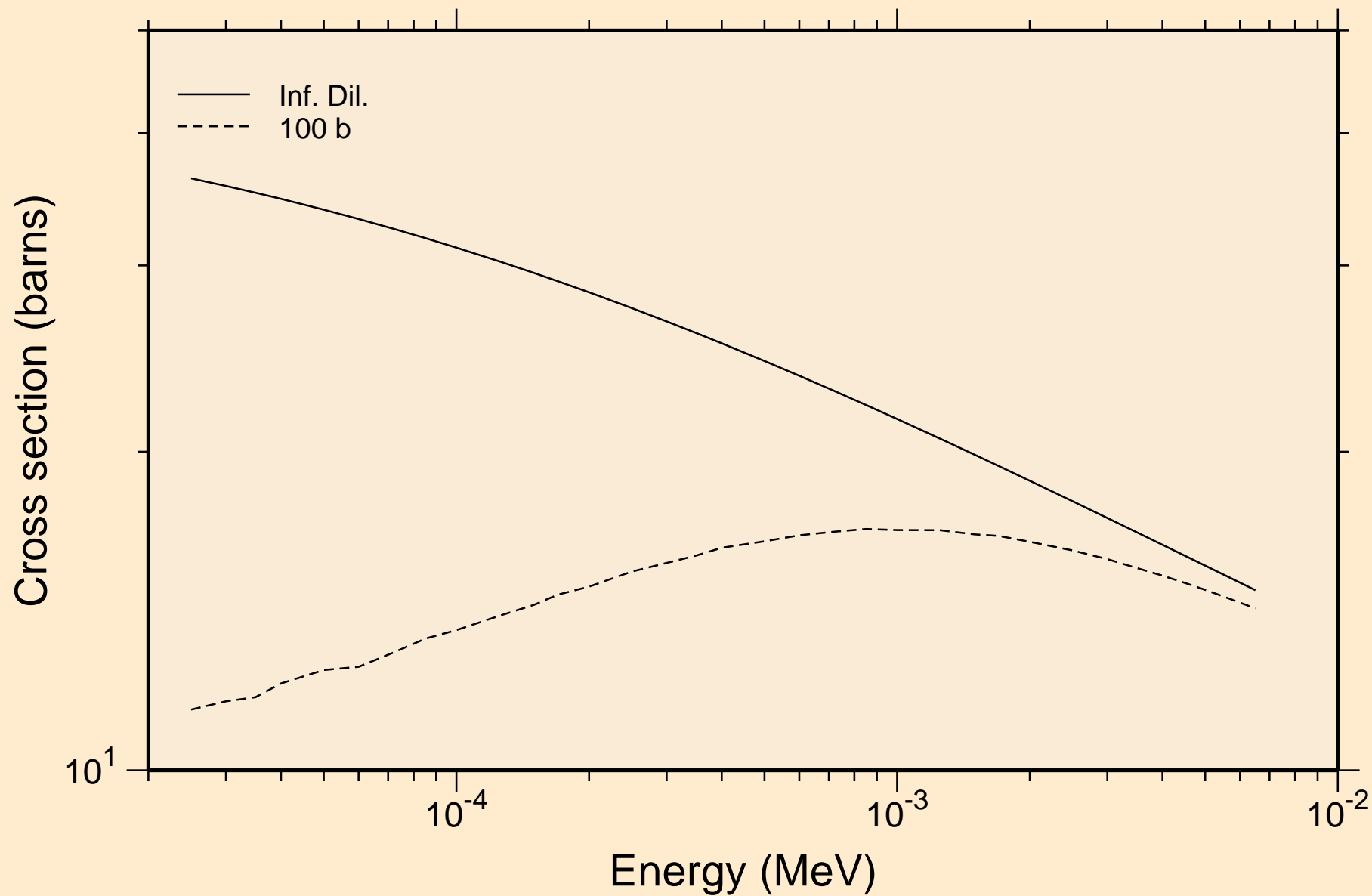
ENDF/B-VII SM-153  
resonance absorption cross sections



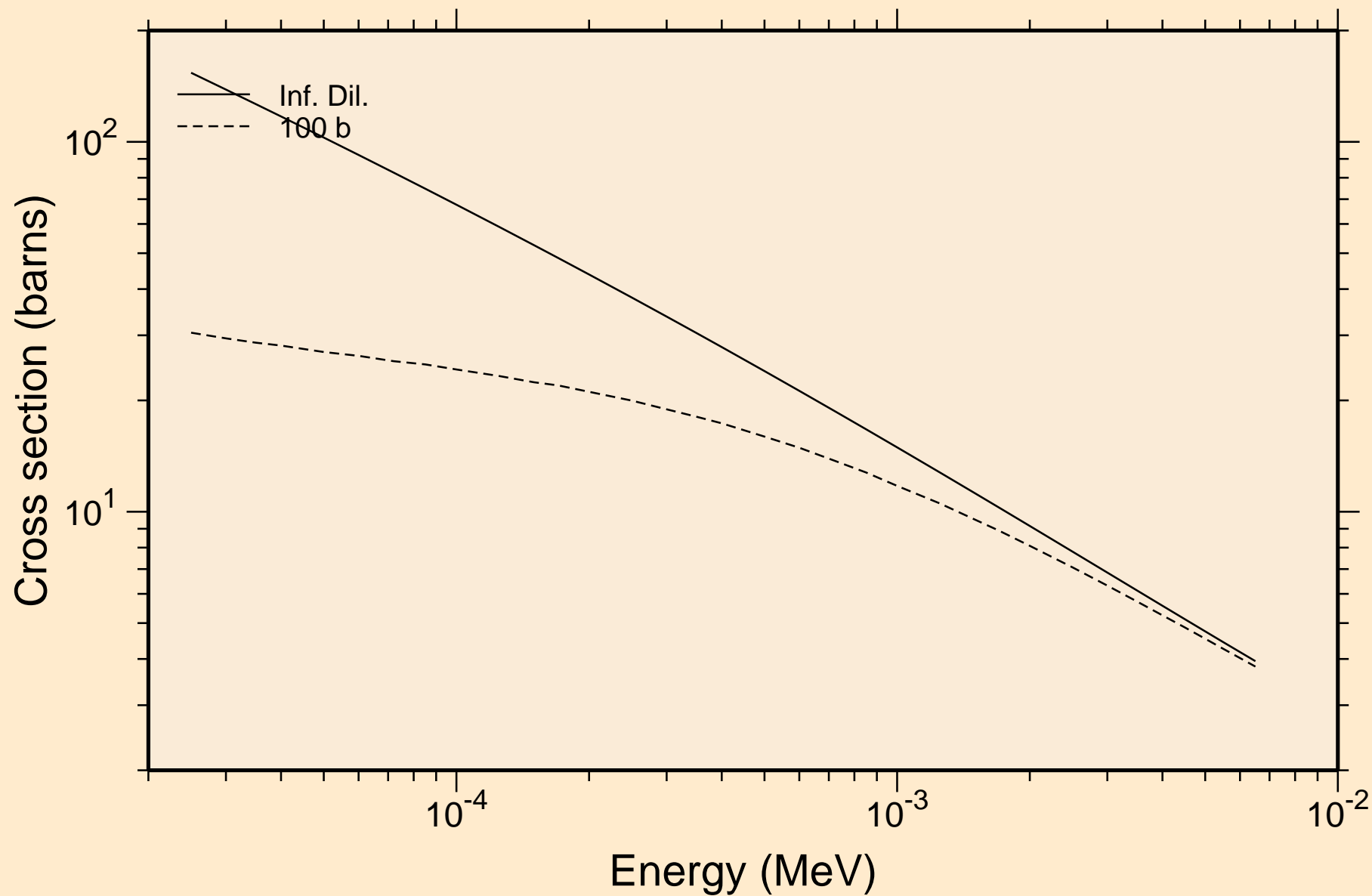
ENDF/B-VII SM-153  
UR total cross section



ENDF/B-VII SM-153  
UR elastic cross section



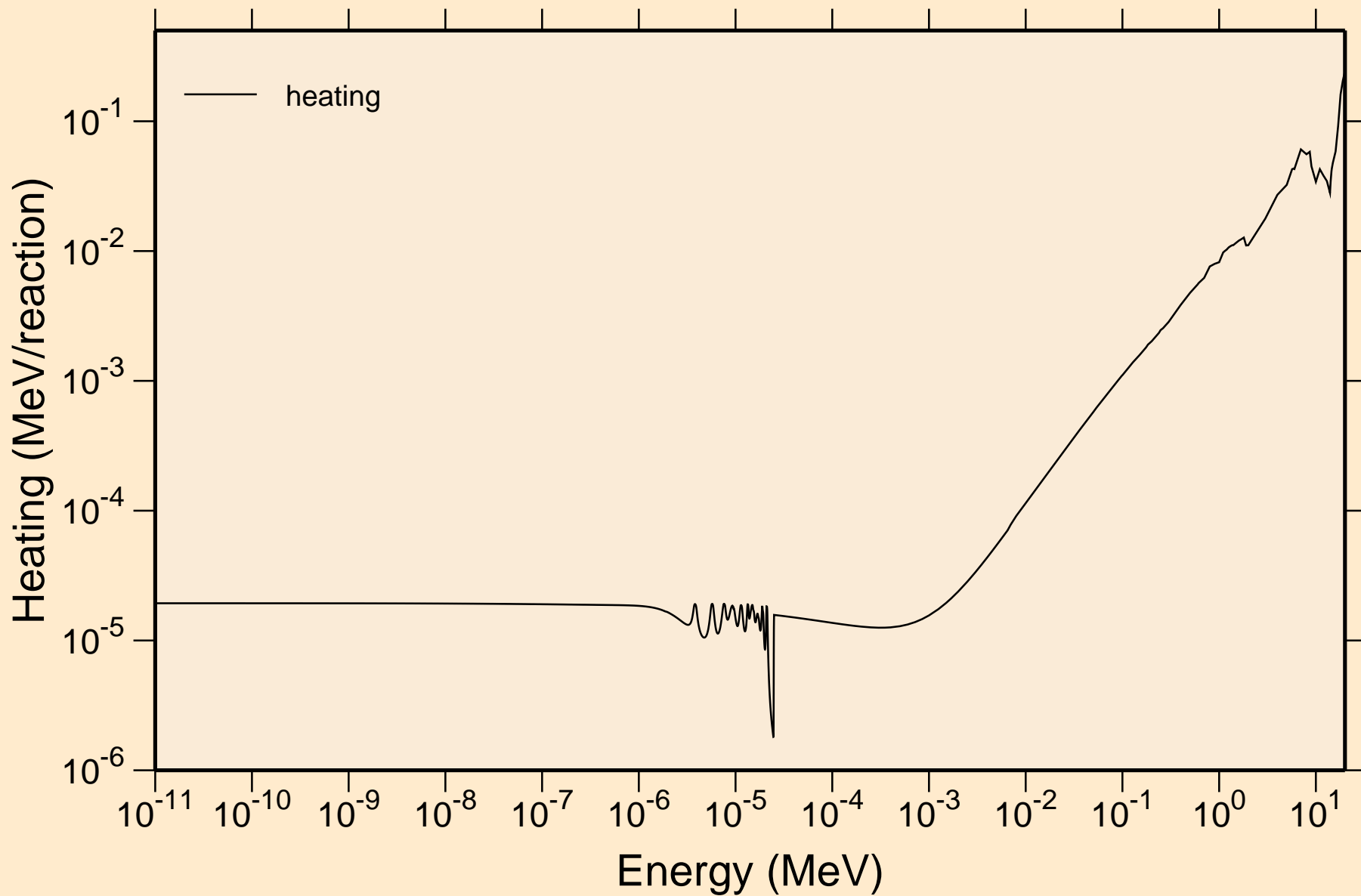
ENDF/B-VII SM-153  
UR capture cross section





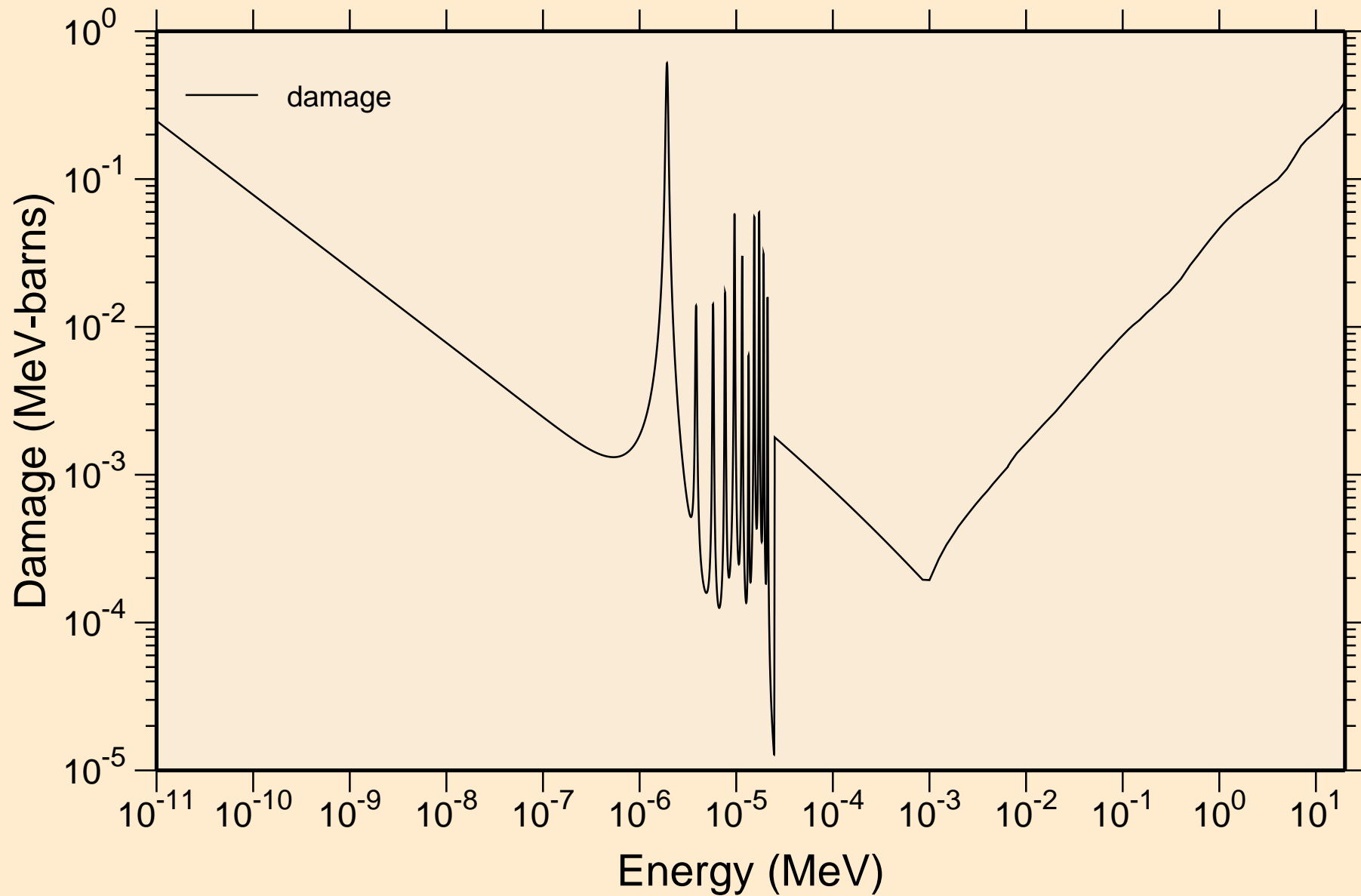
# ENDF/B-VII SM-153

## Heating



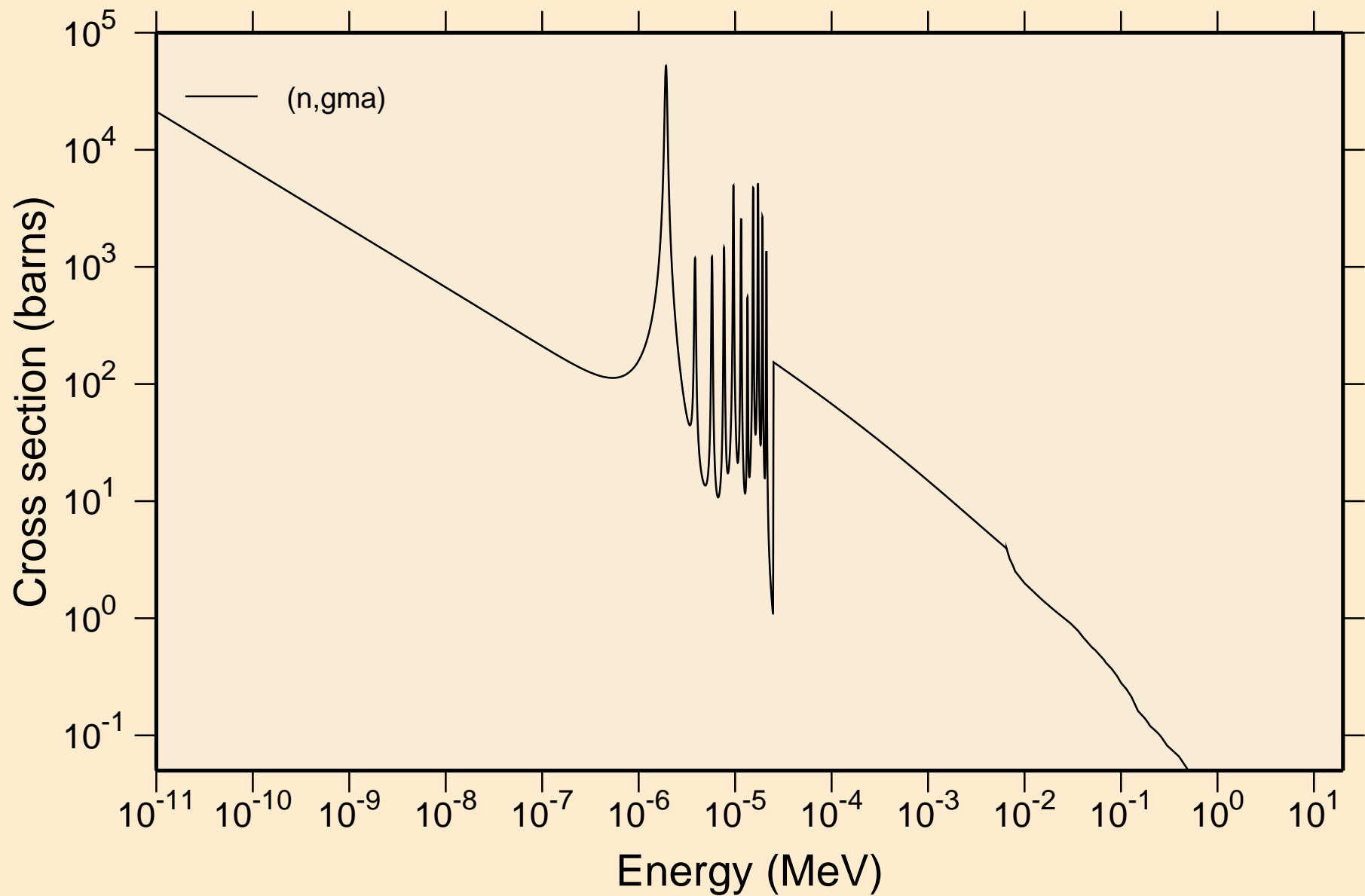
# ENDF/B-VII SM-153

## Damage



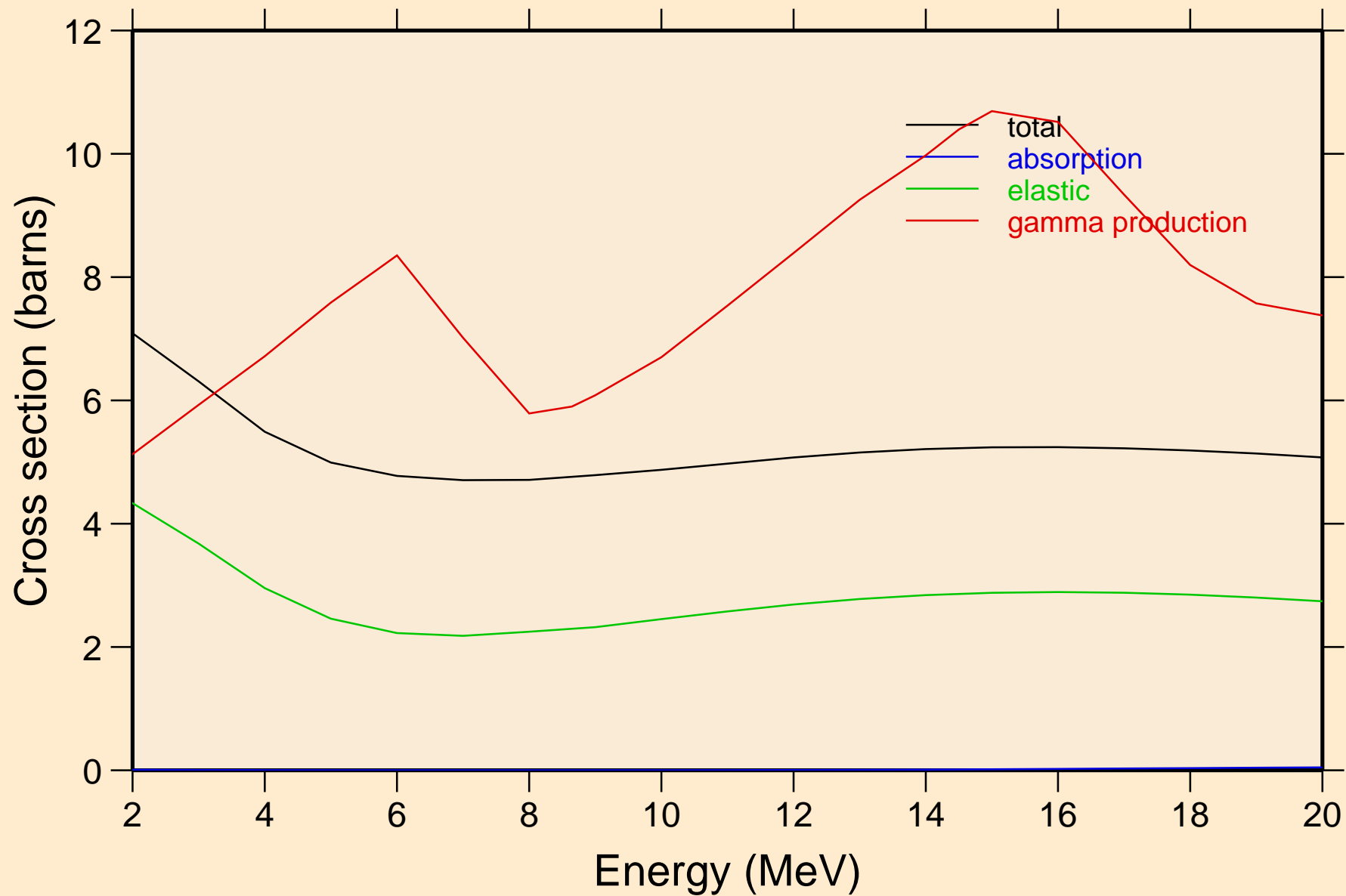
# ENDF/B-VII SM-153

## Non-threshold reactions



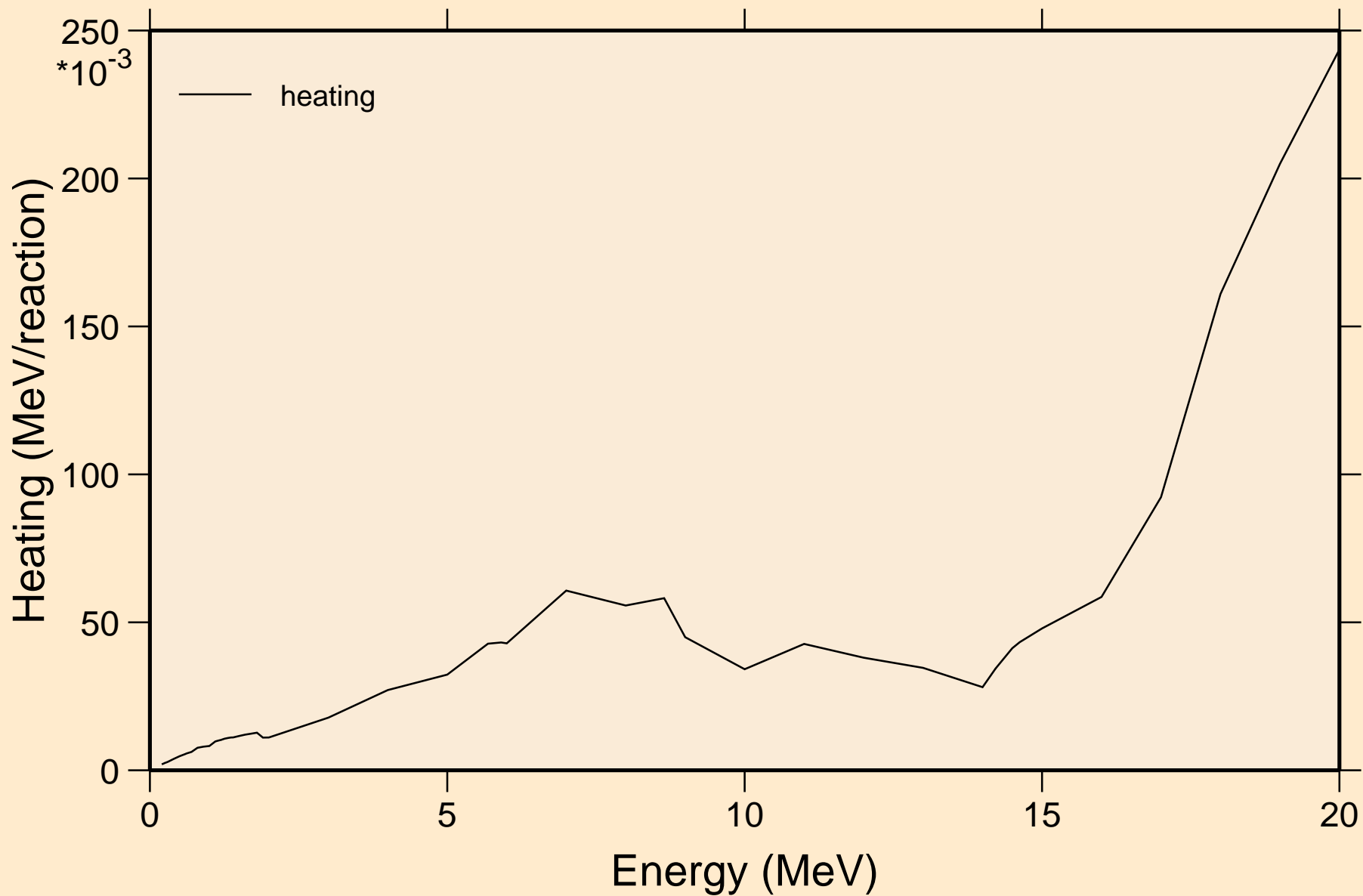
# ENDF/B-VII SM-153

## Principal cross sections



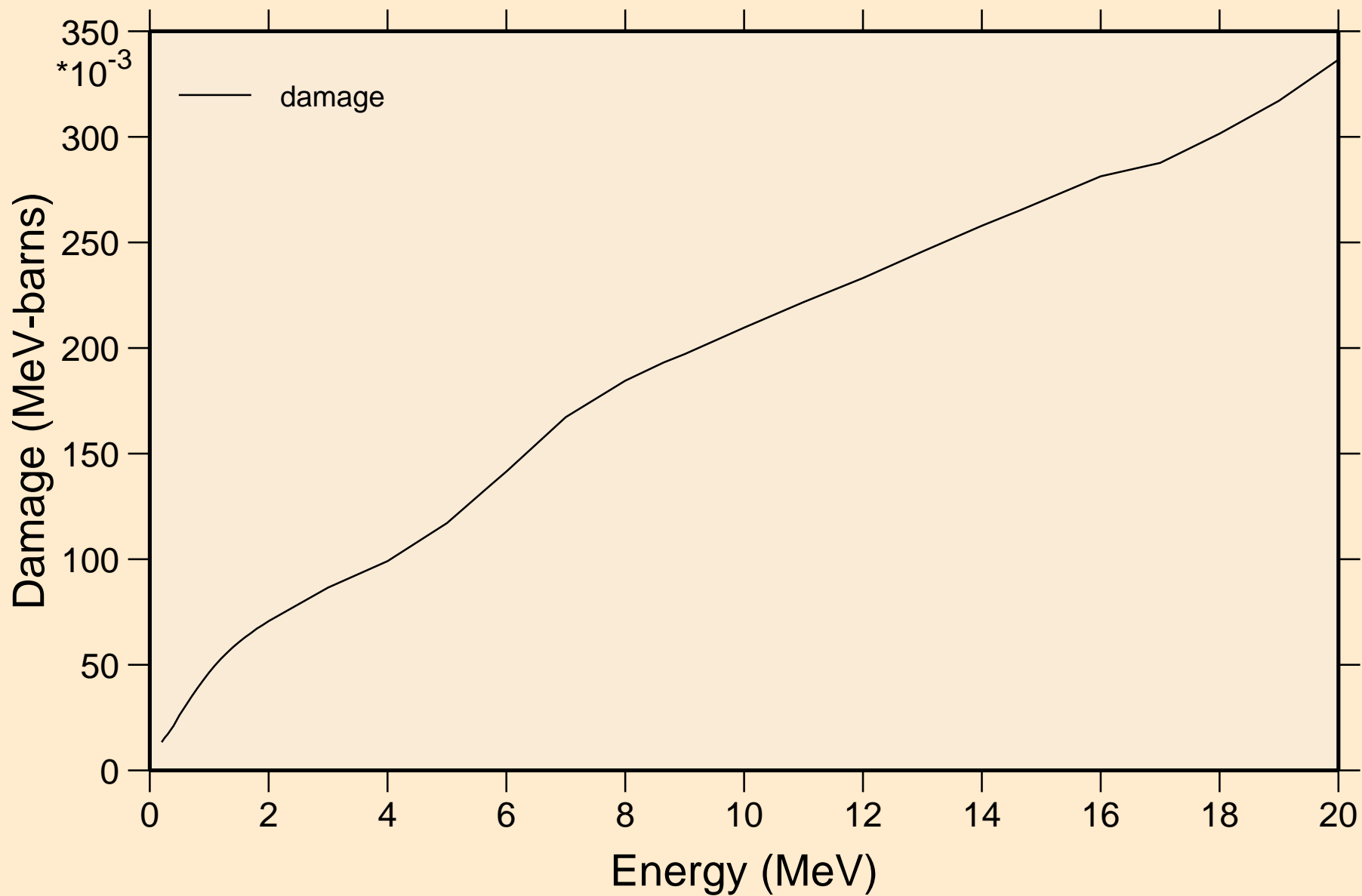
# ENDF/B-VII SM-153

## Heating

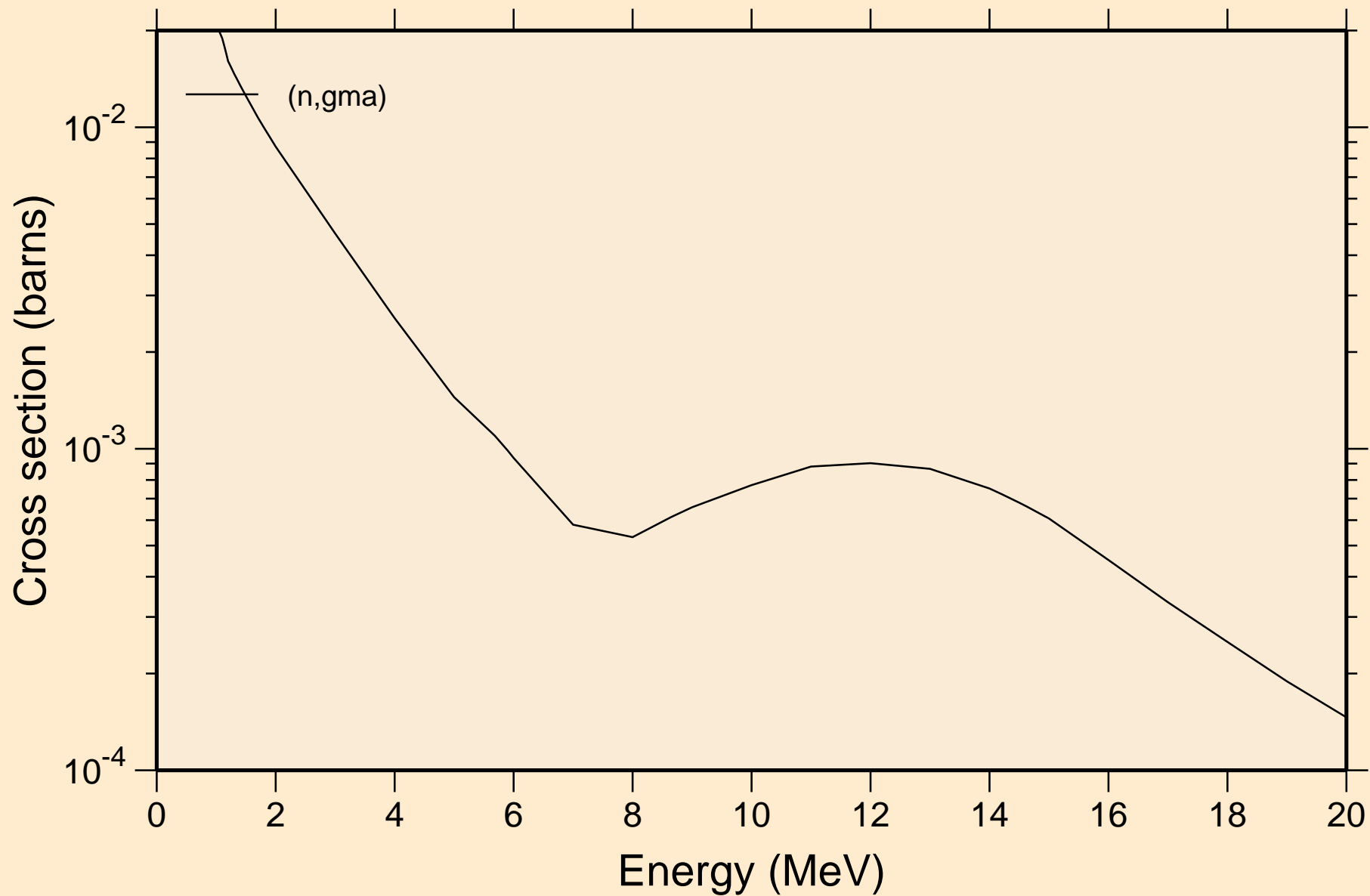


# ENDF/B-VII SM-153

## Damage

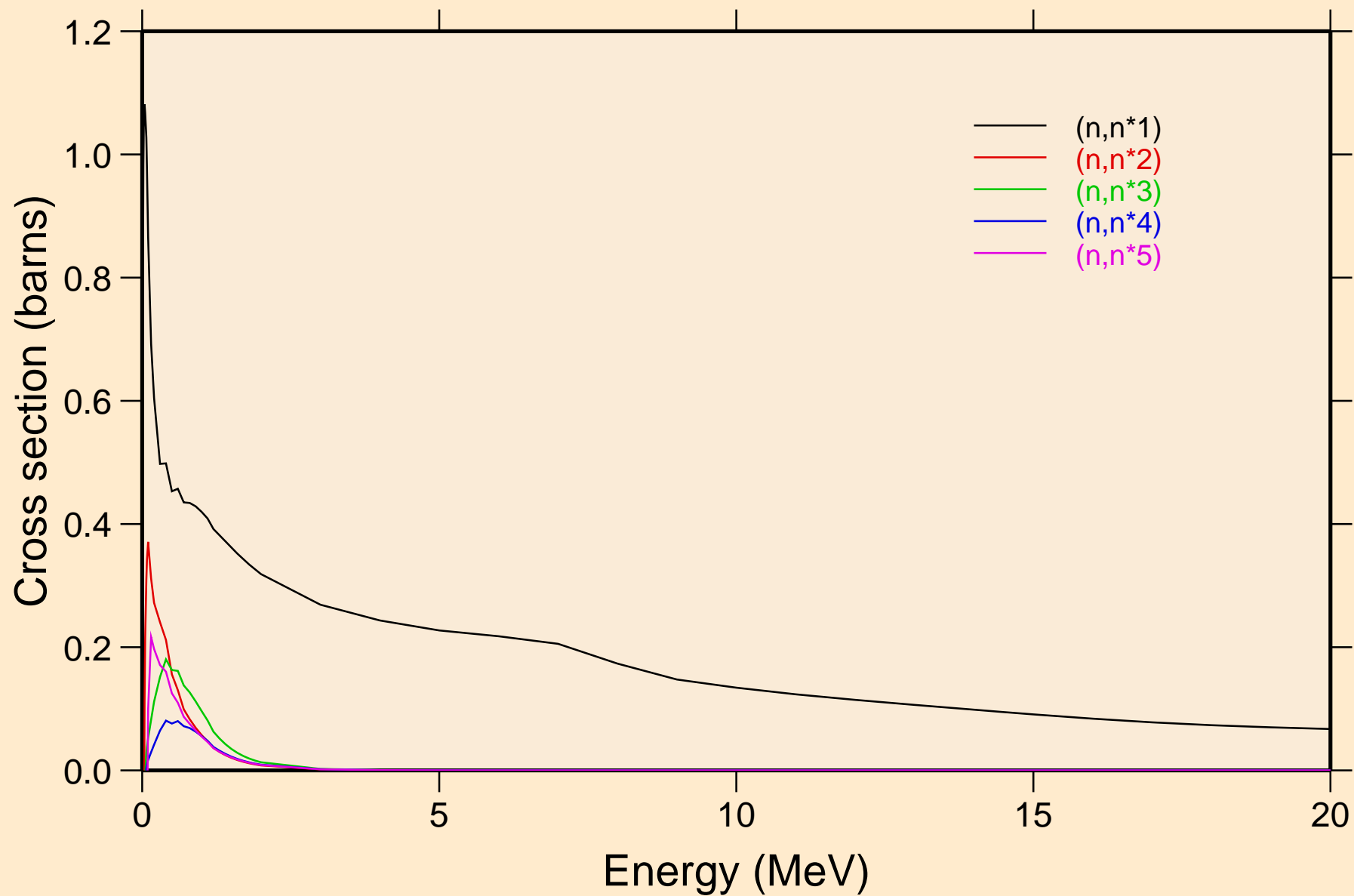


ENDF/B-VII SM-153  
Non-threshold reactions



# ENDF/B-VII SM-153

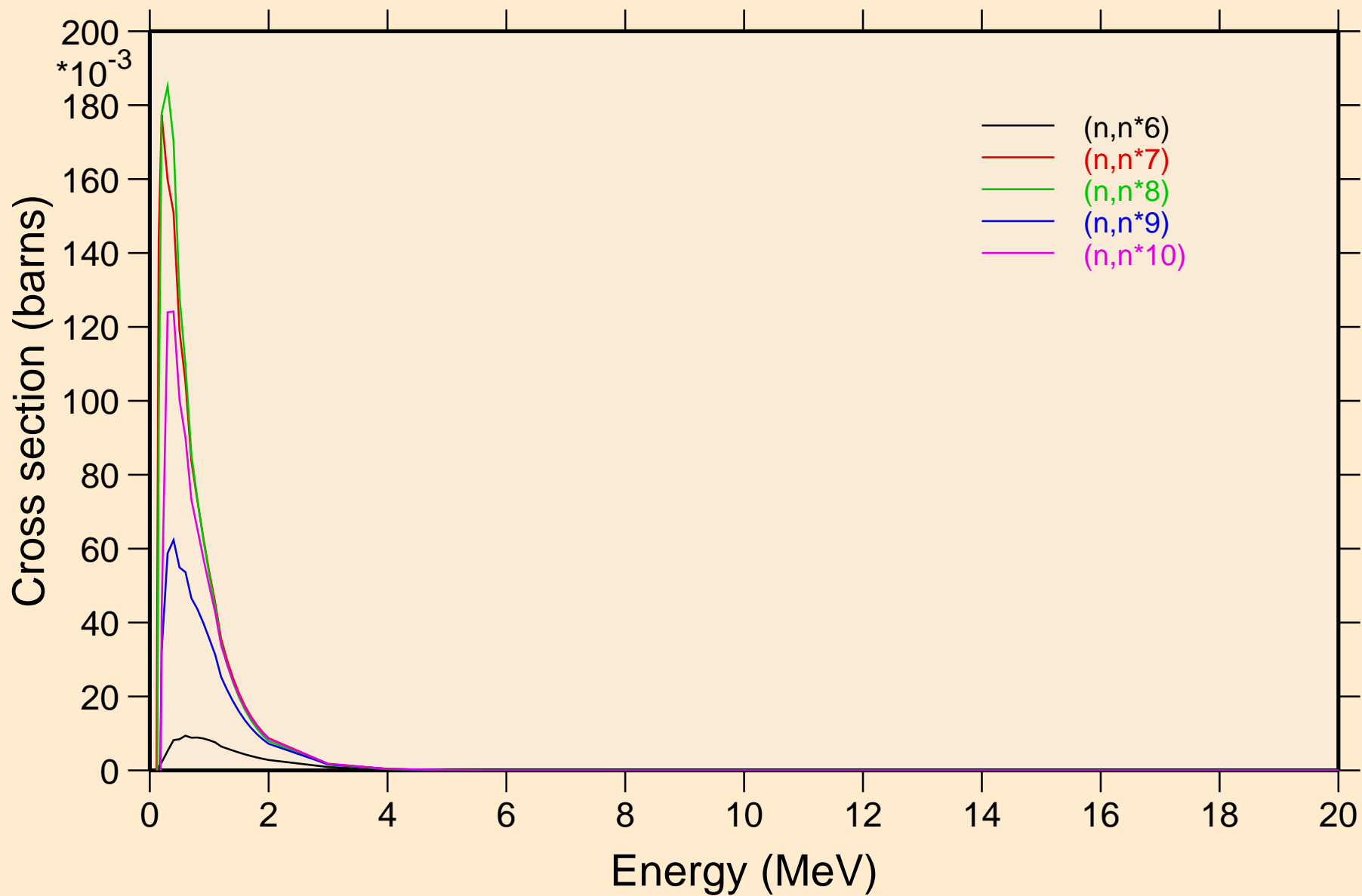
## Inelastic levels





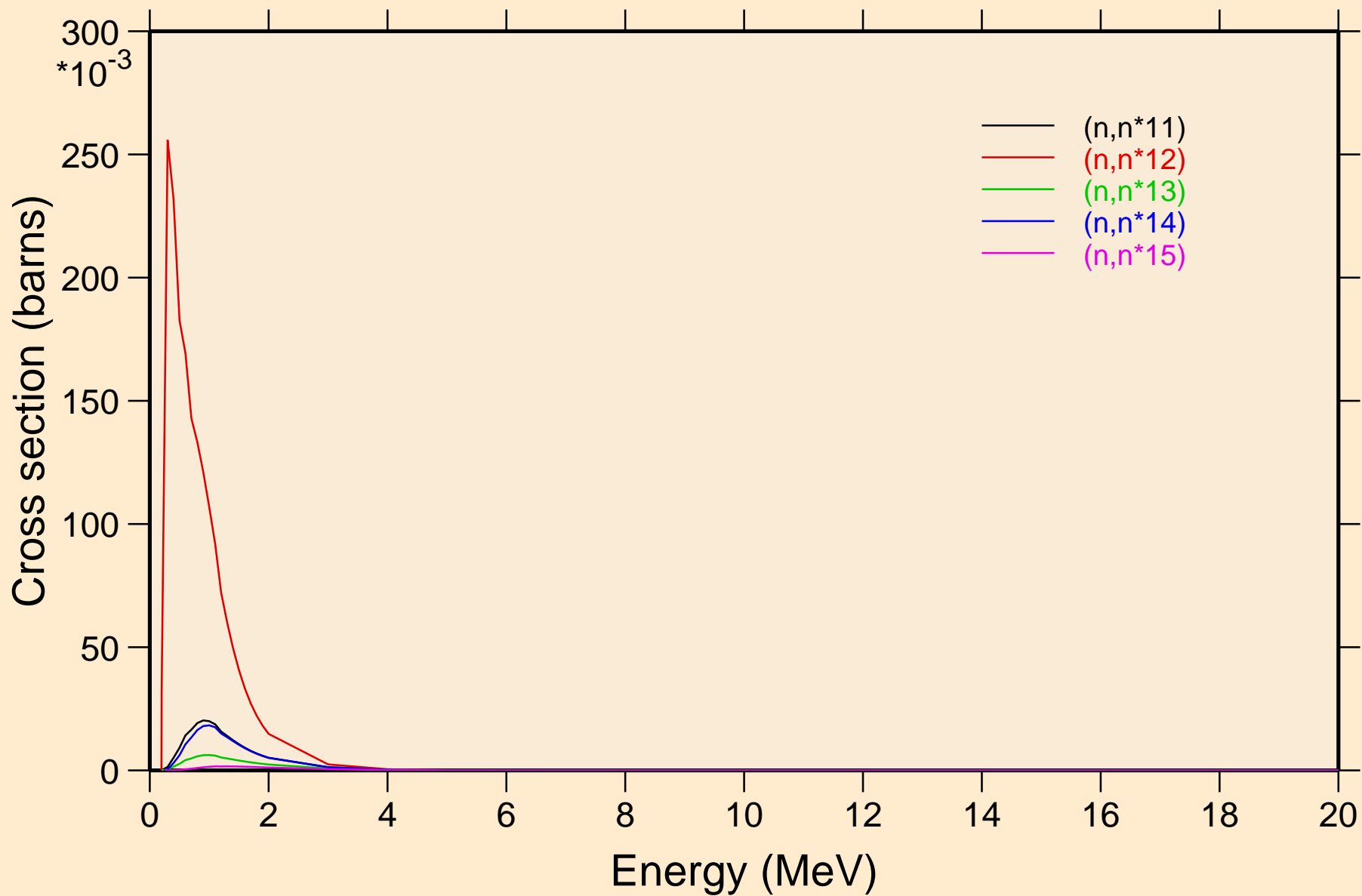
# ENDF/B-VII SM-153

## Inelastic levels



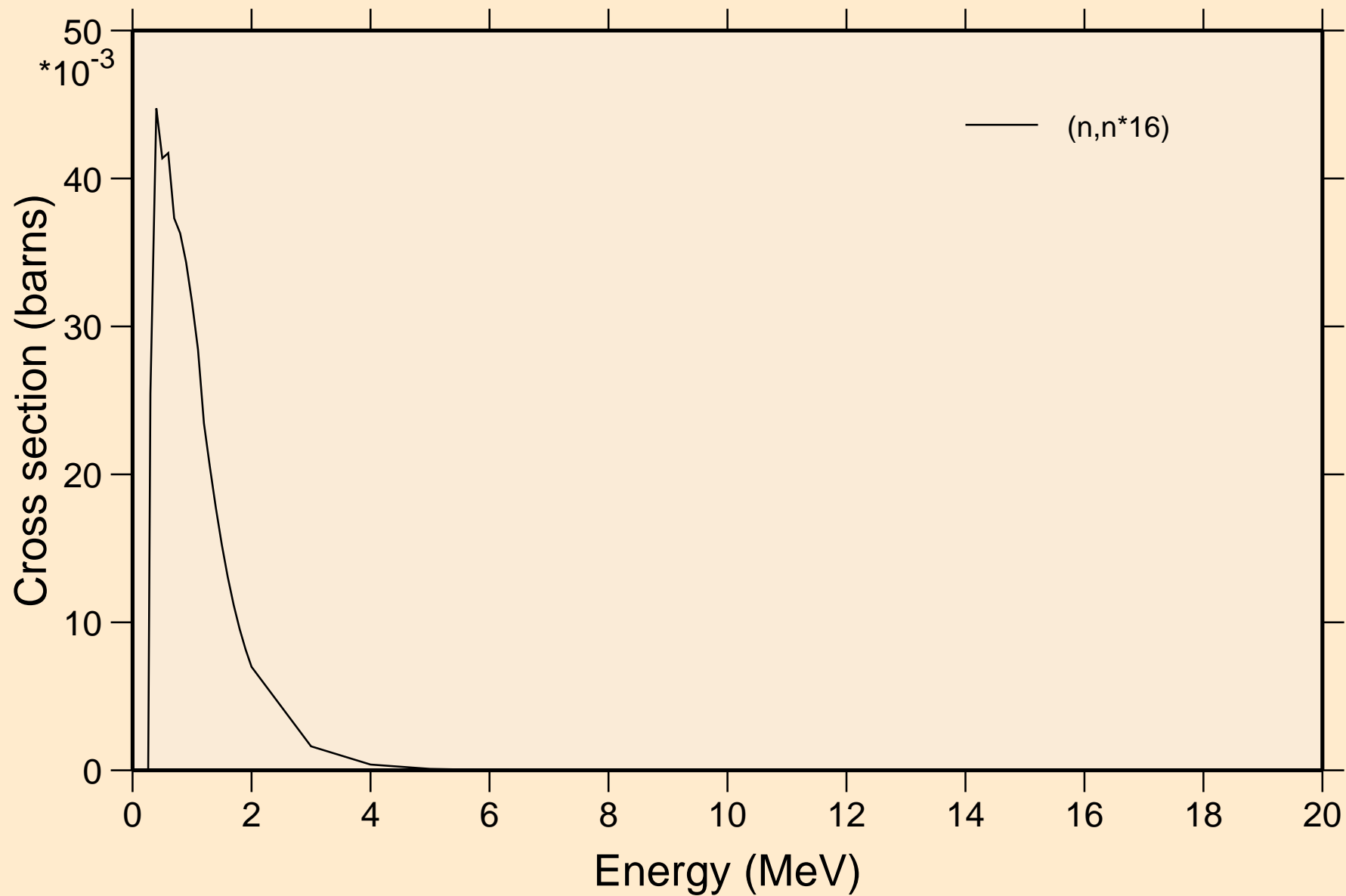
# ENDF/B-VII SM-153

## Inelastic levels



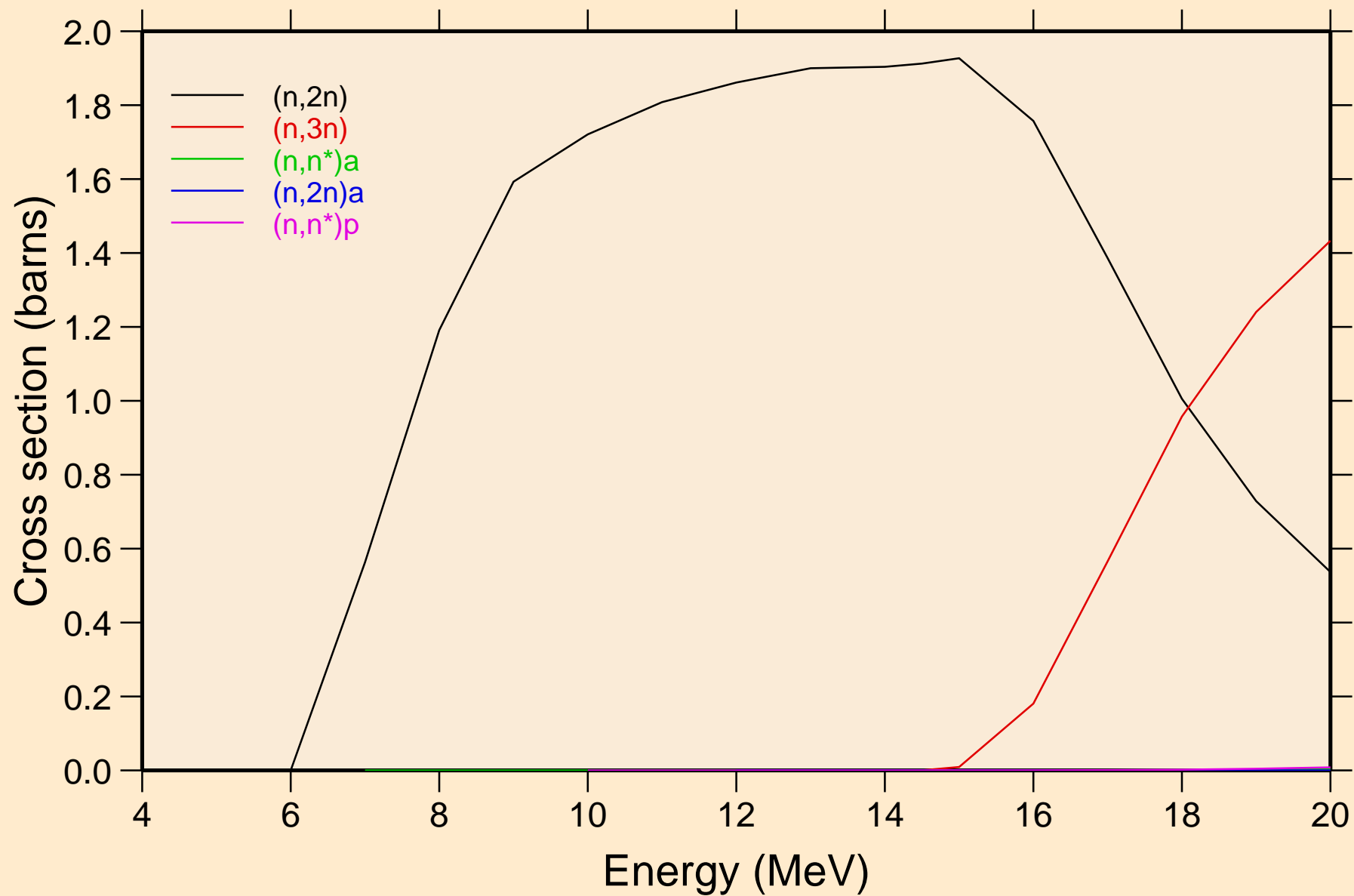
# ENDF/B-VII SM-153

## Inelastic levels



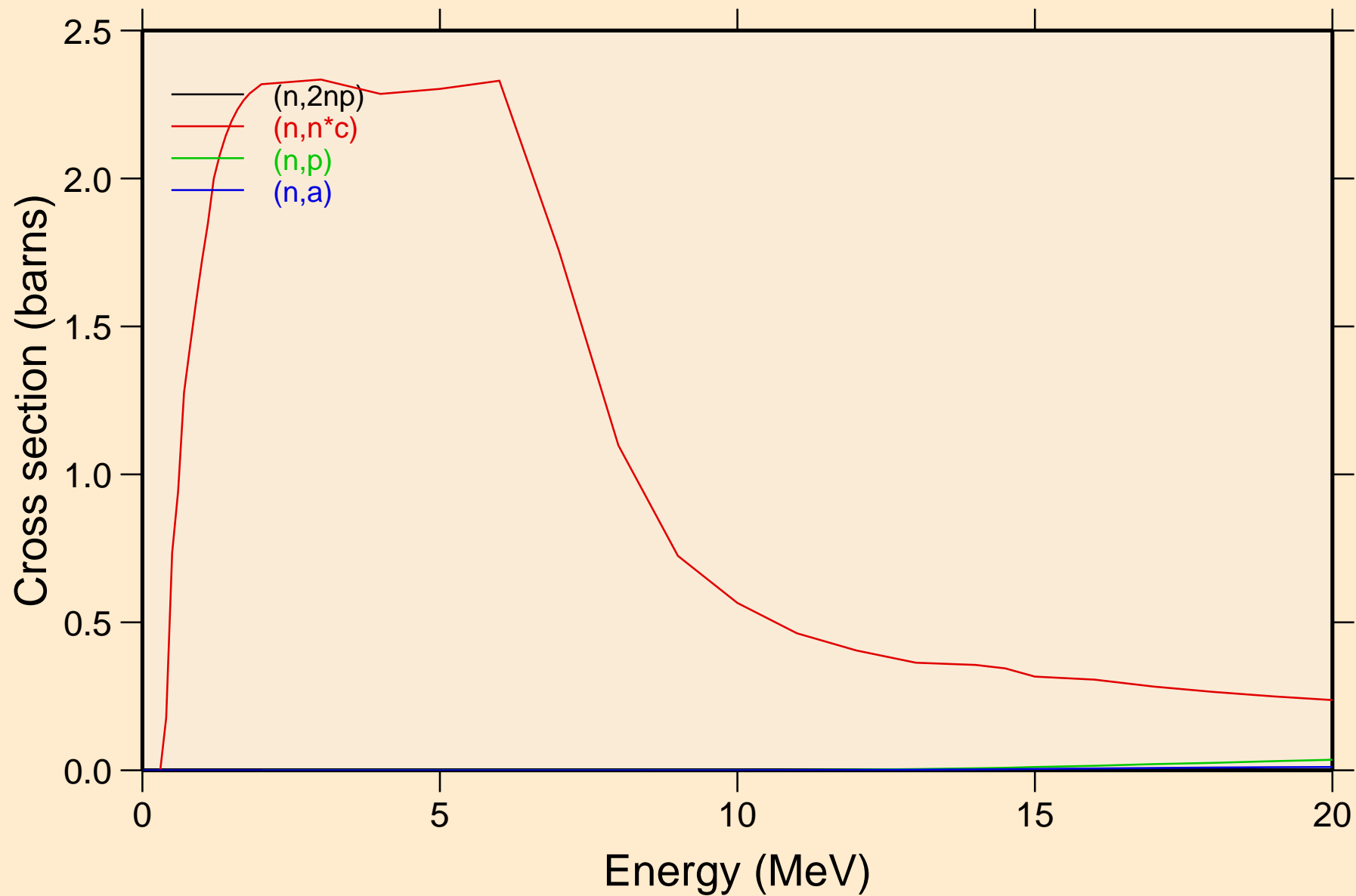
# ENDF/B-VII SM-153

## Threshold reactions



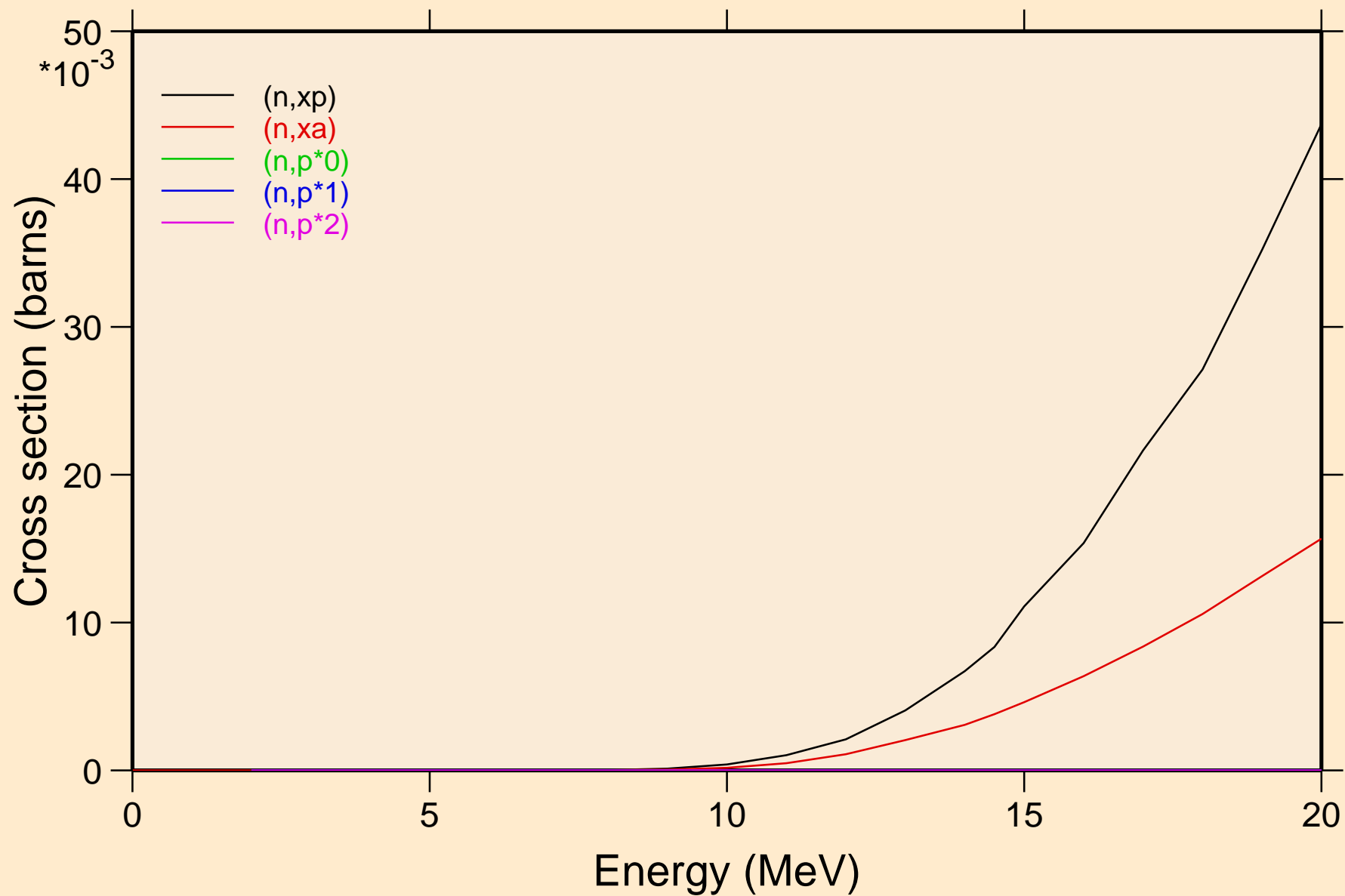
# ENDF/B-VII SM-153

## Threshold reactions



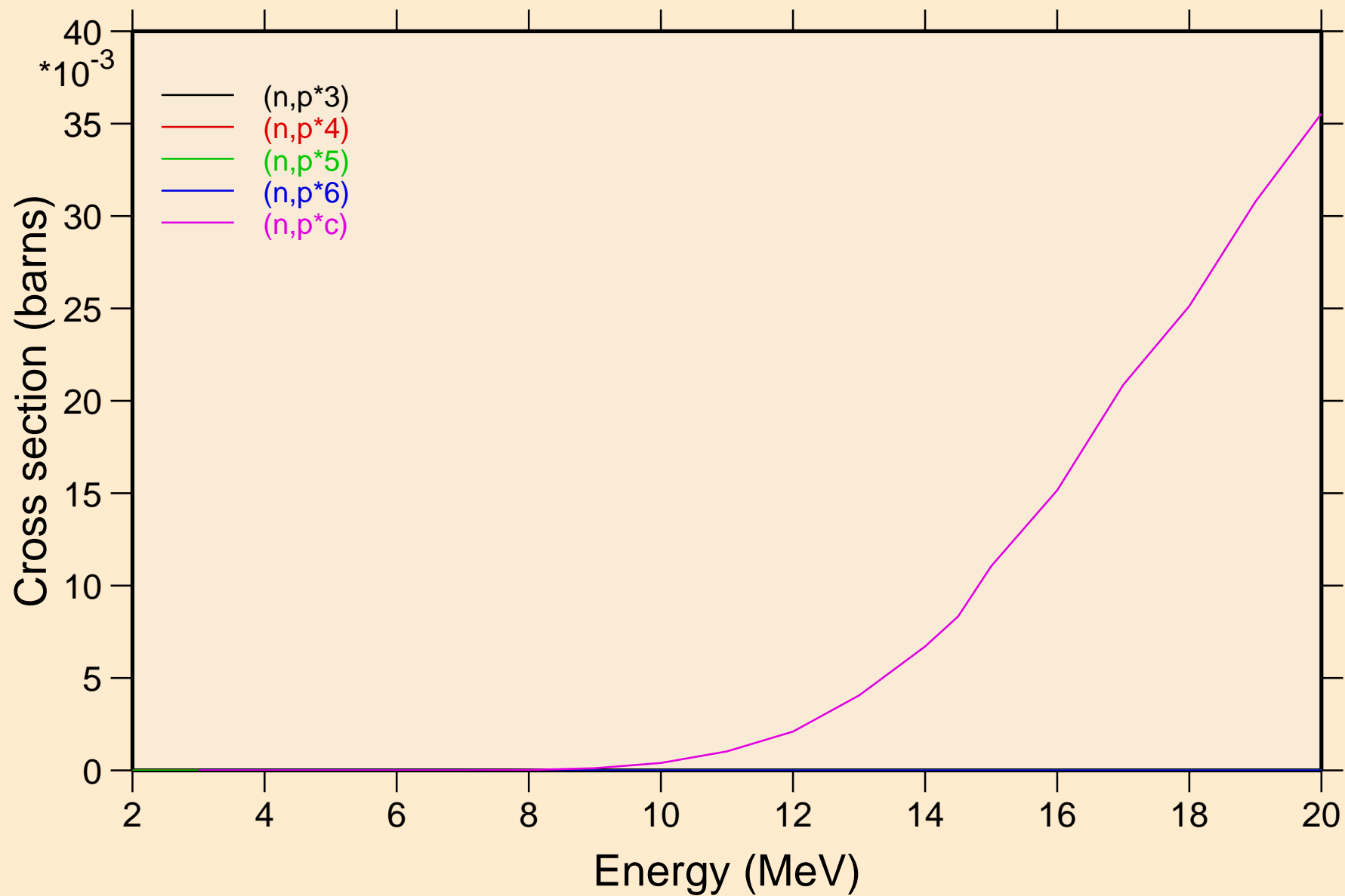
# ENDF/B-VII SM-153

## Threshold reactions



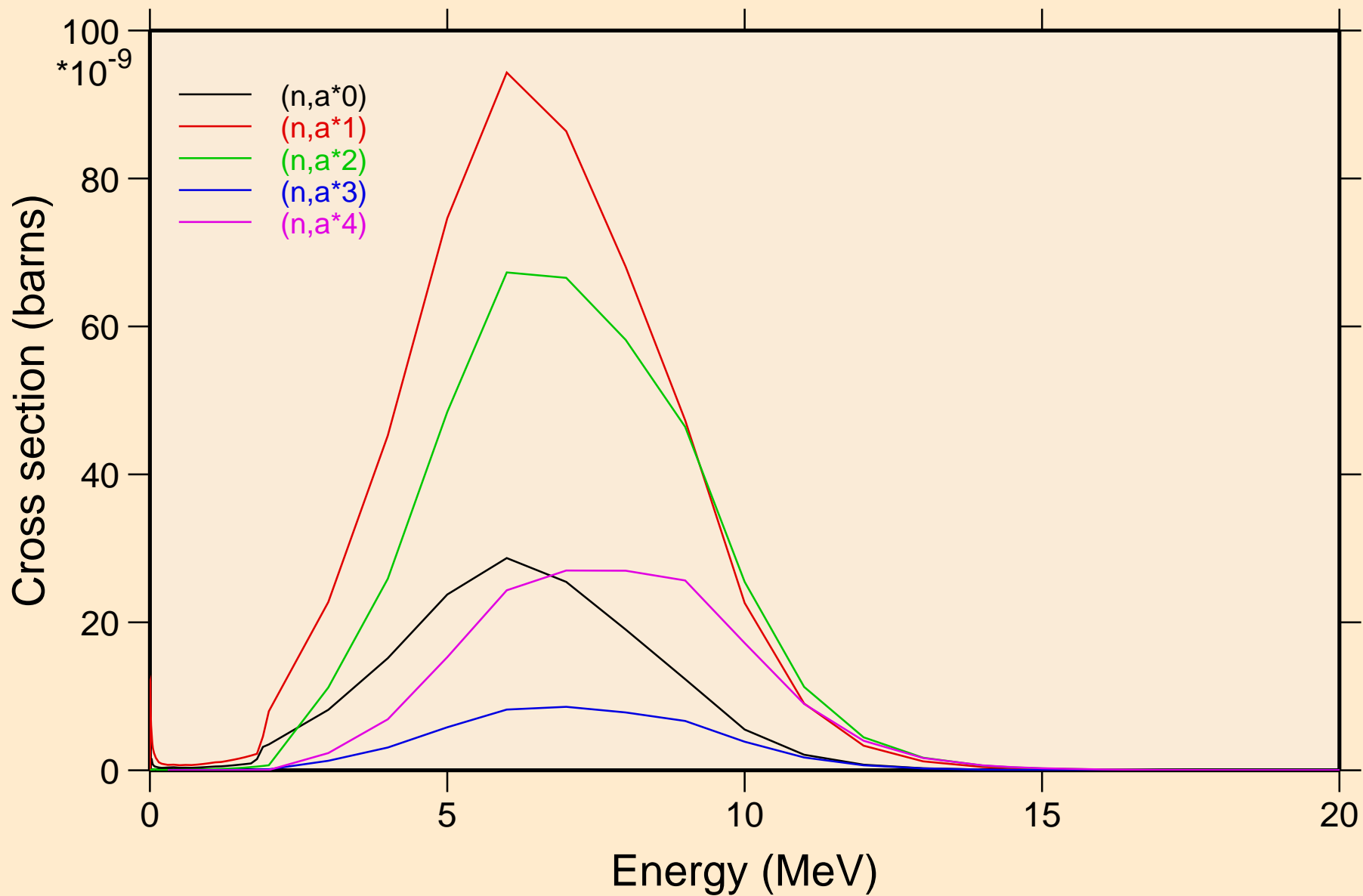
# ENDF/B-VII SM-153

## Threshold reactions



# ENDF/B-VII SM-153

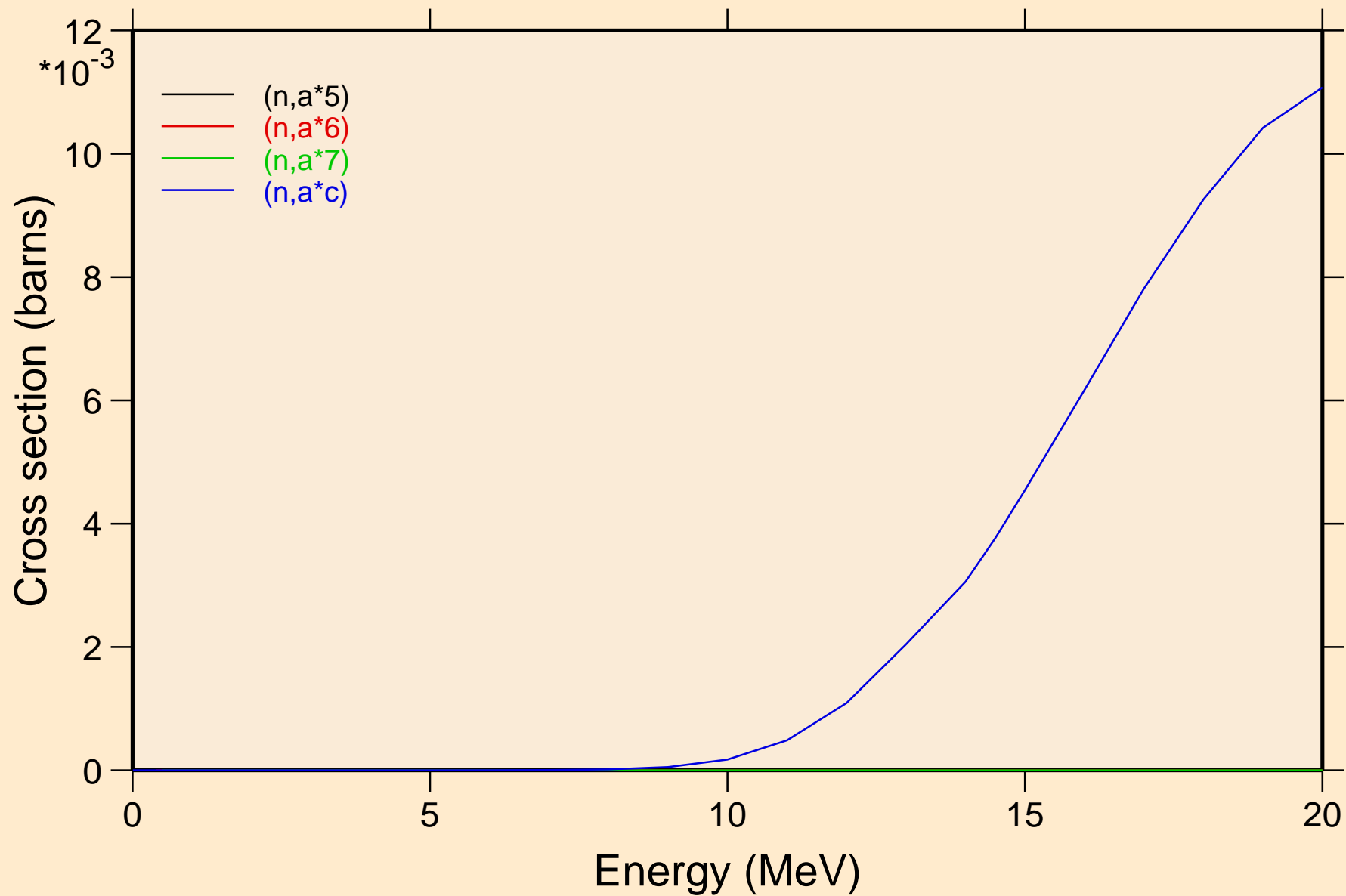
## Threshold reactions



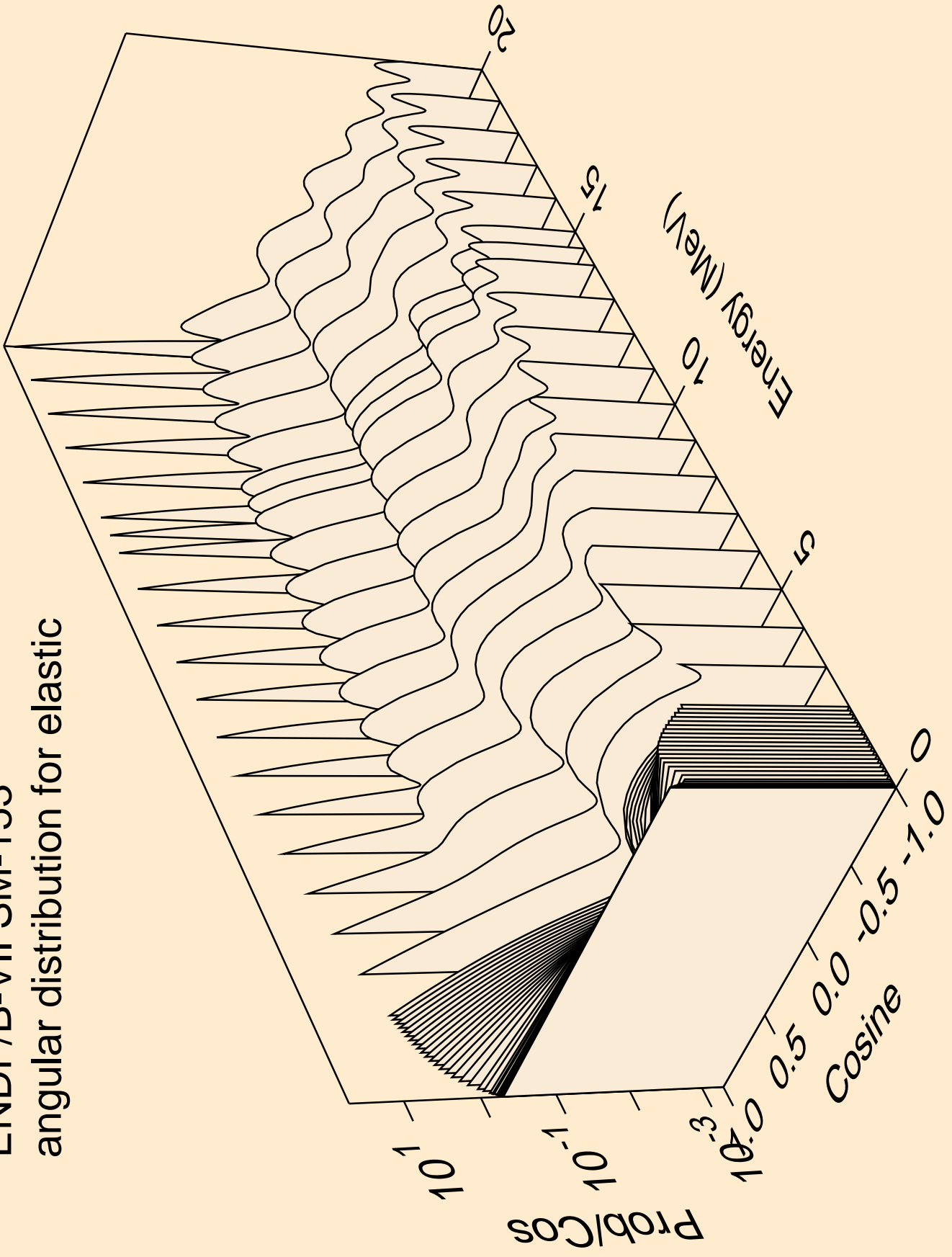


# ENDF/B-VII SM-153

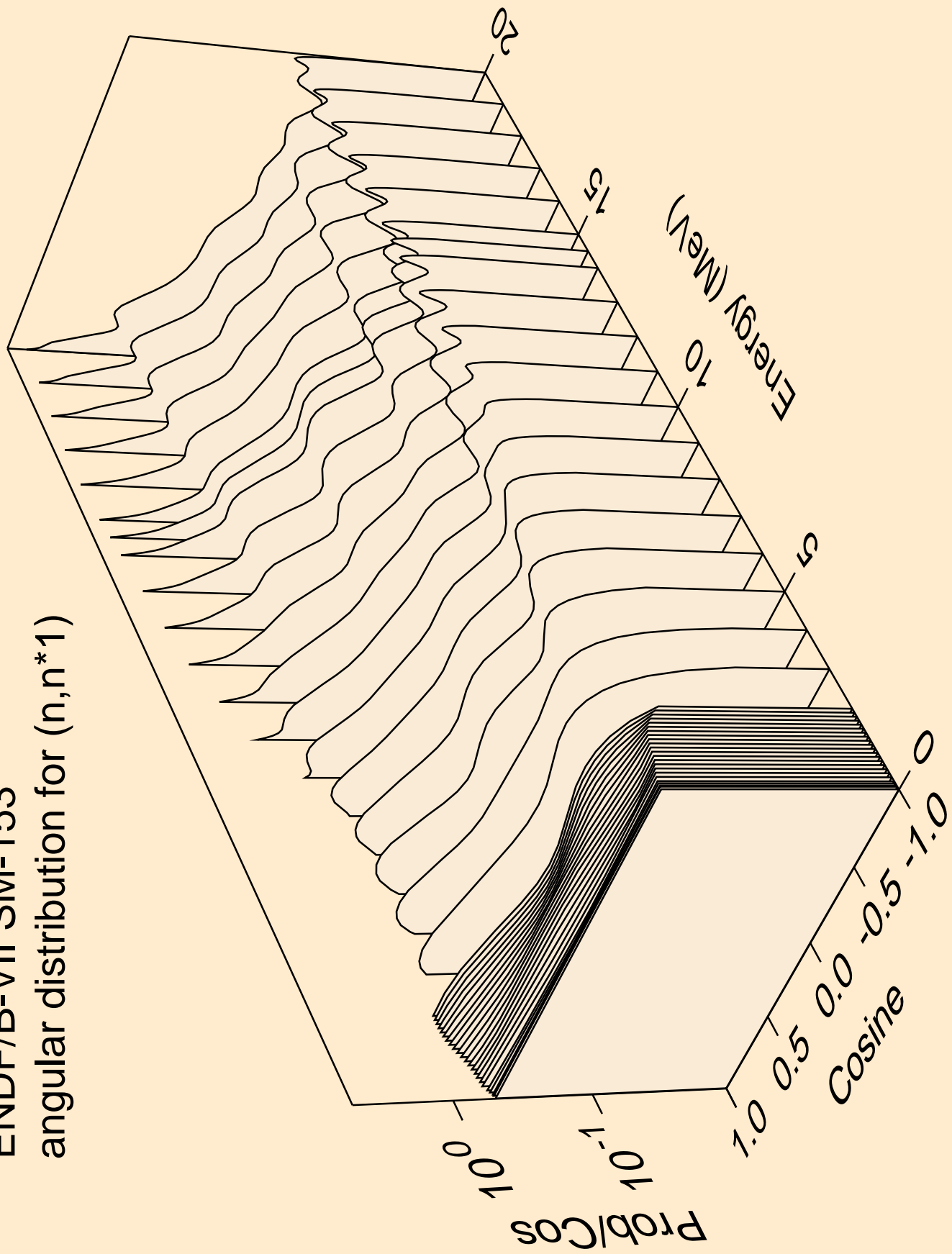
## Threshold reactions



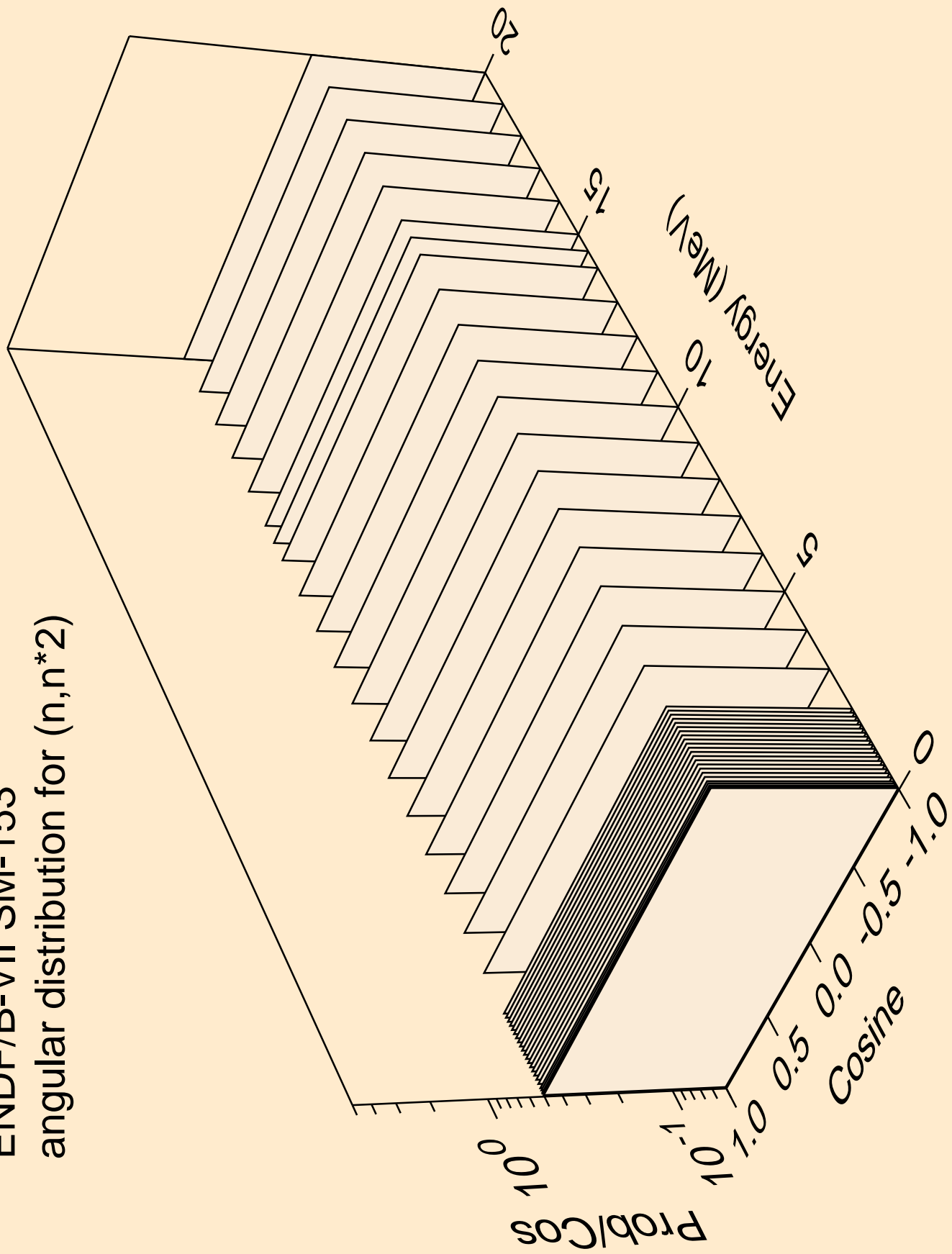
ENDF/B-VII SM-153  
angular distribution for elastic



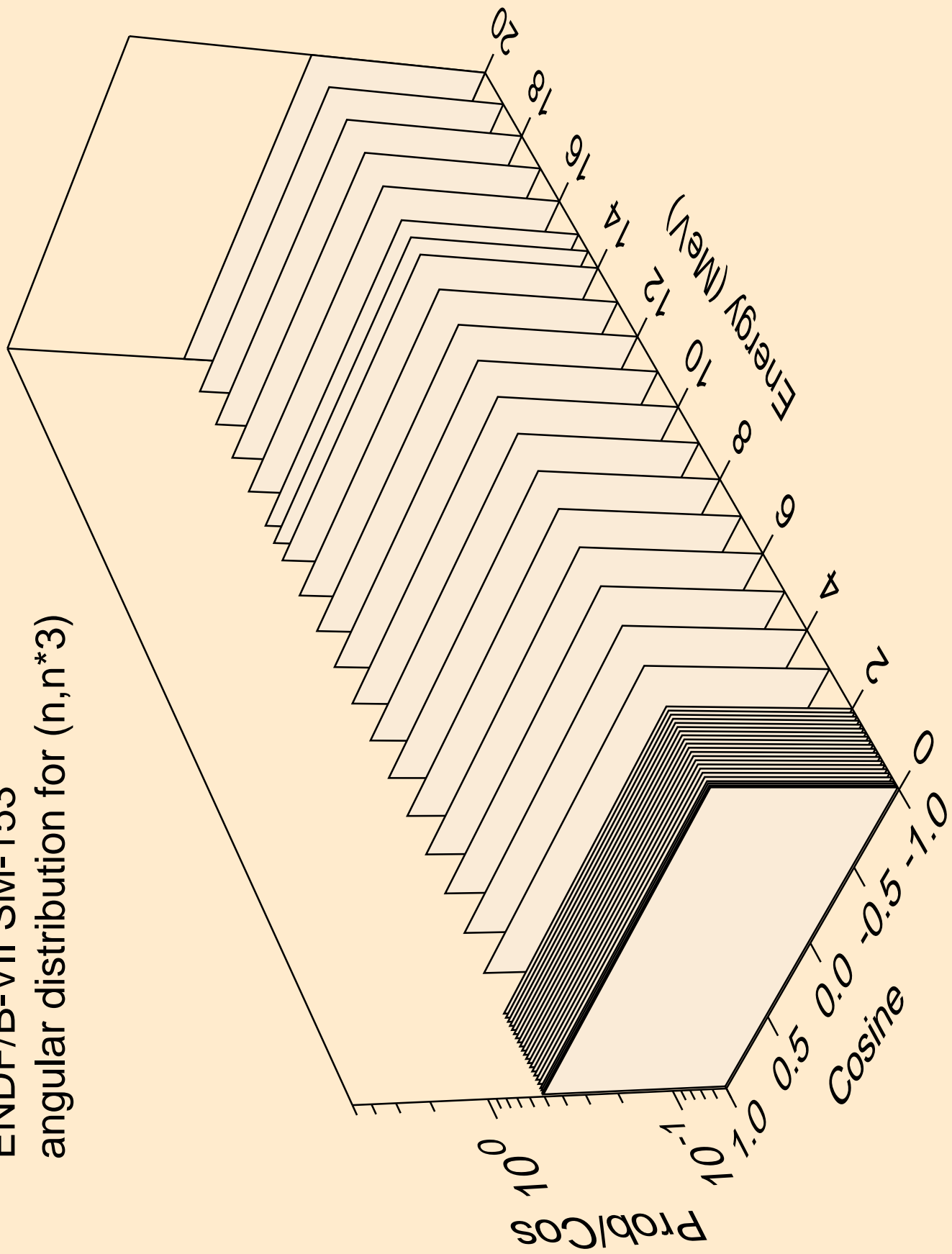
ENDF/B-VII SM-153  
angular distribution for (n,n\*1)



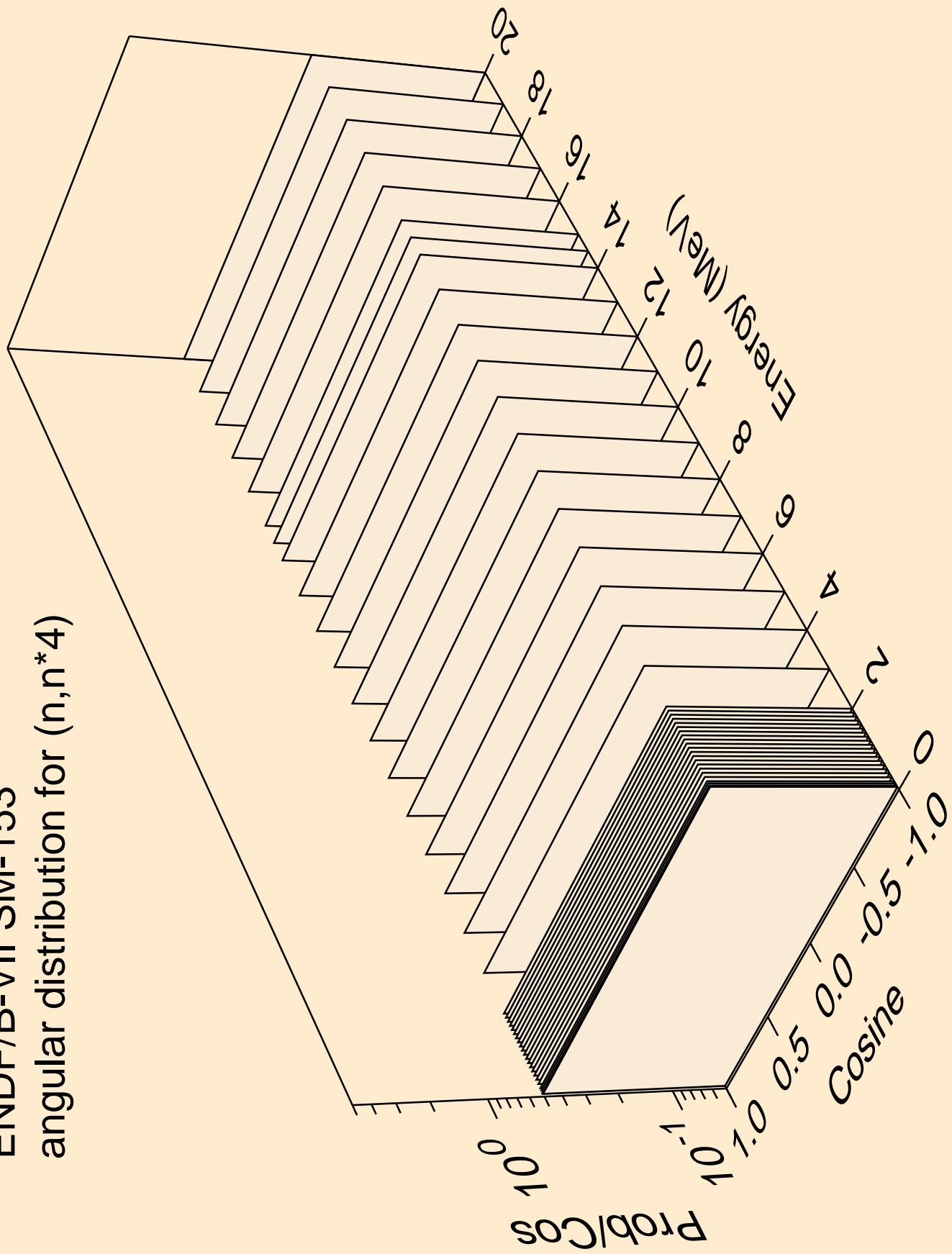
ENDF/B-VII SM-153  
angular distribution for (n,n\*2)



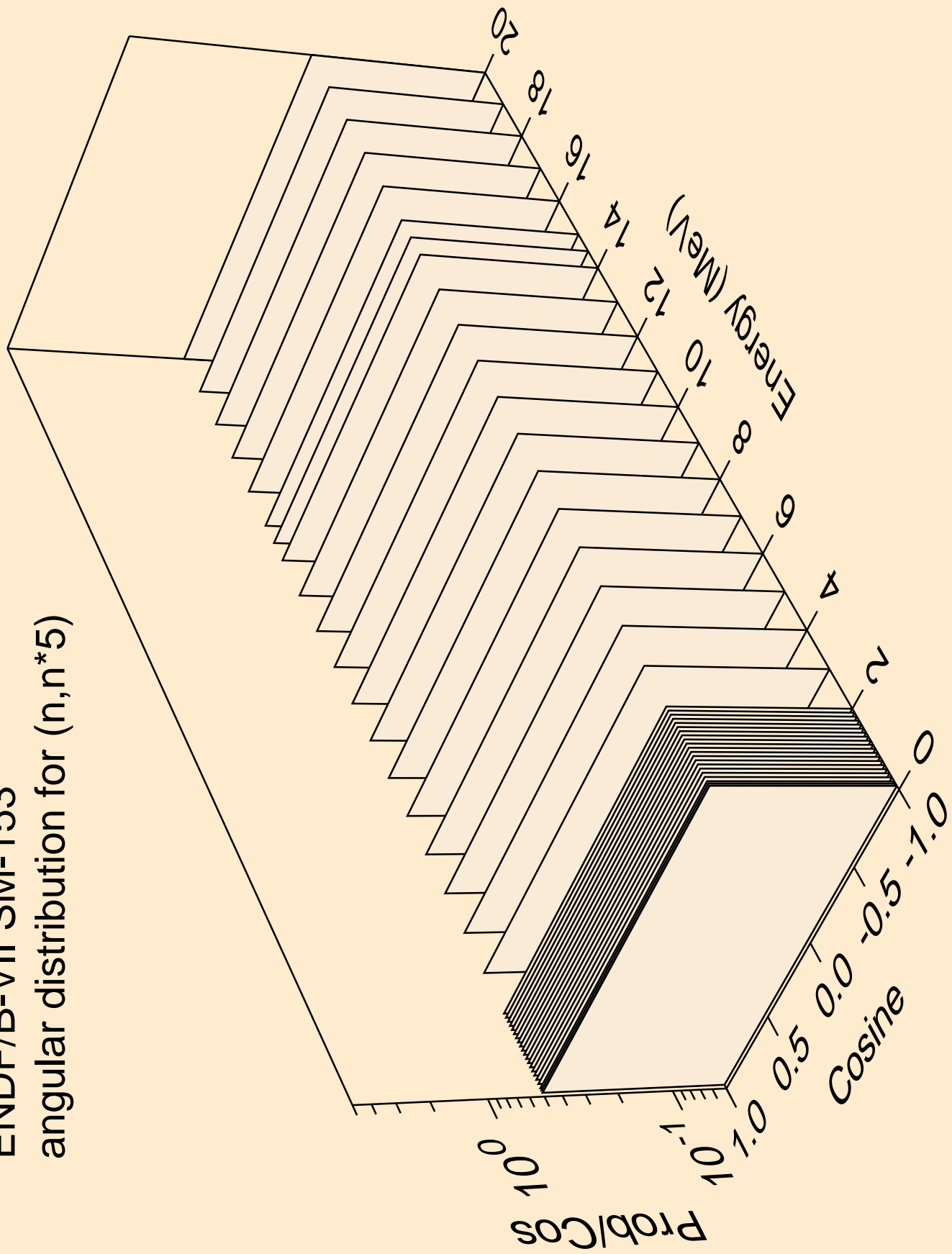
ENDF/B-VII SM-153  
angular distribution for (n,n\*3)



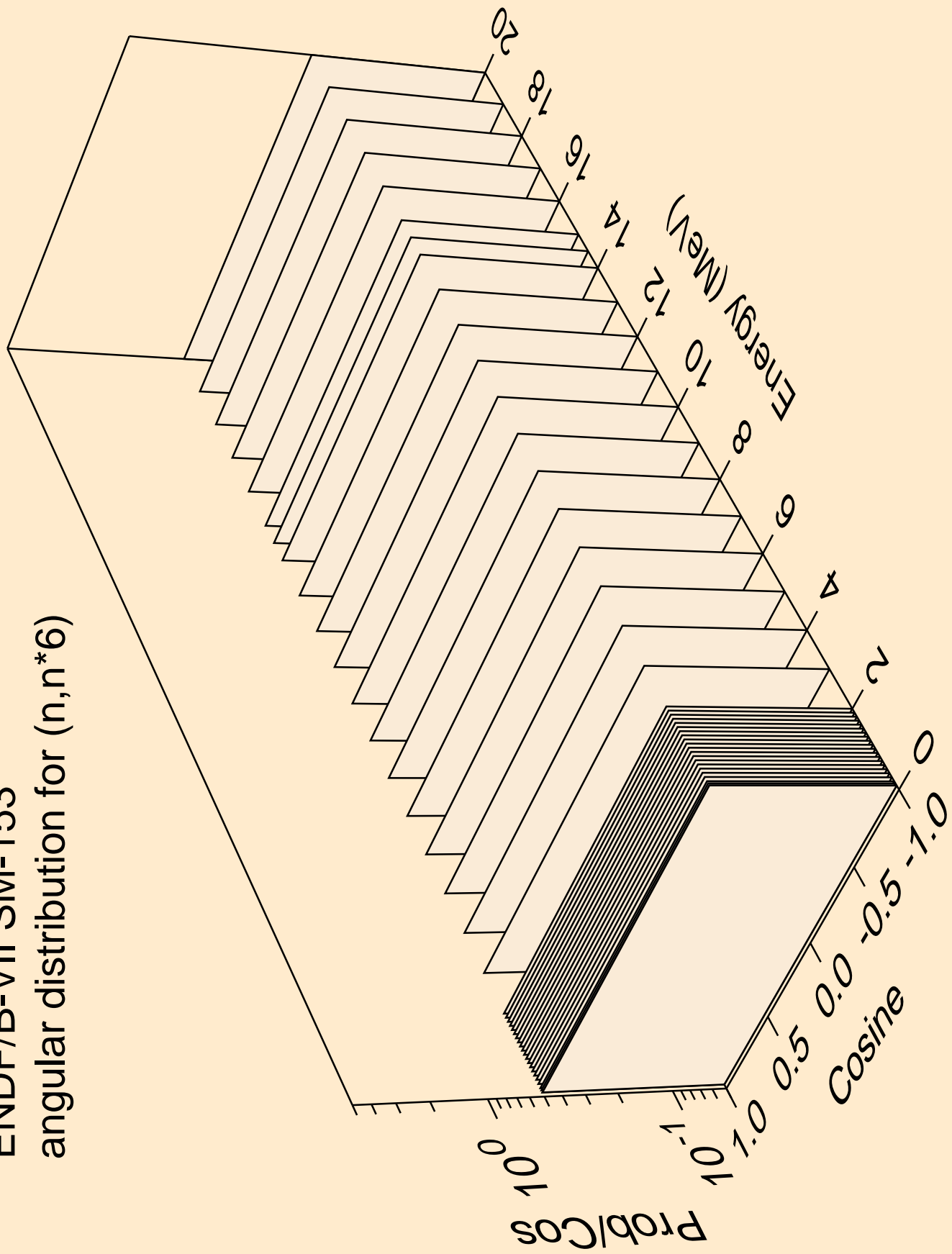
ENDF/B-VII SM-153  
angular distribution for (n,n\*4)



ENDF/B-VII SM-153  
angular distribution for (n,n\*5)

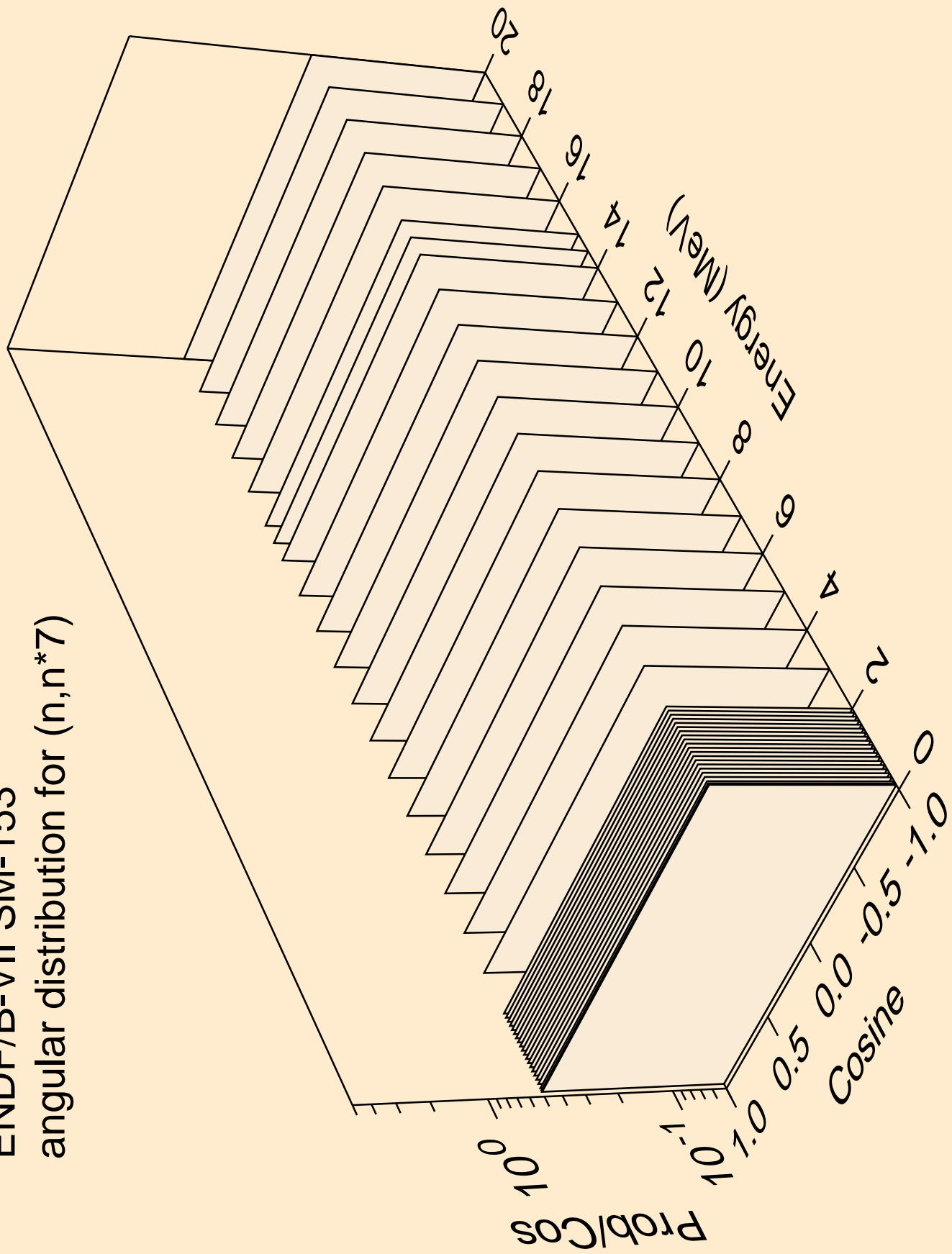


ENDF/B-VII SM-153  
angular distribution for (n,n\*6)

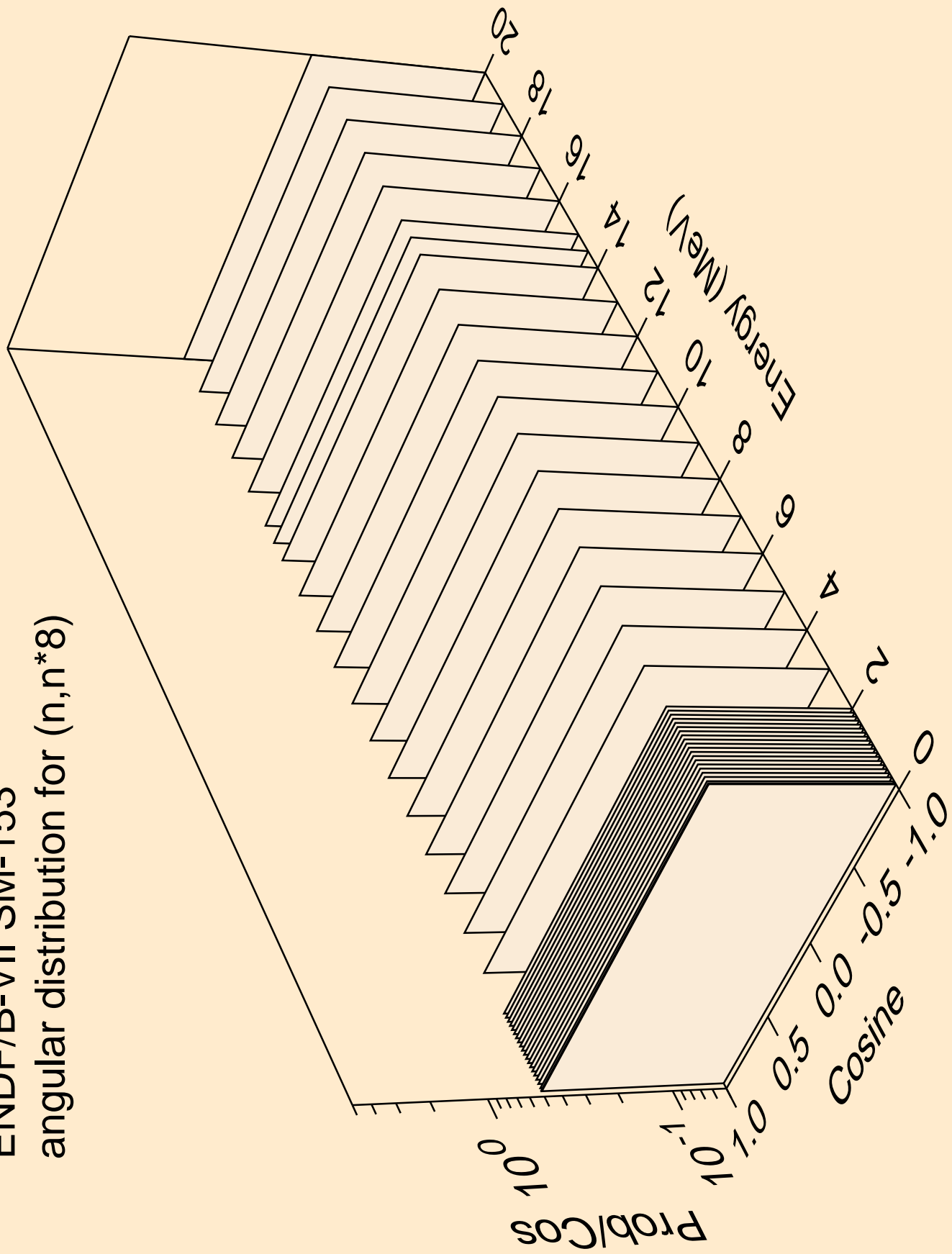




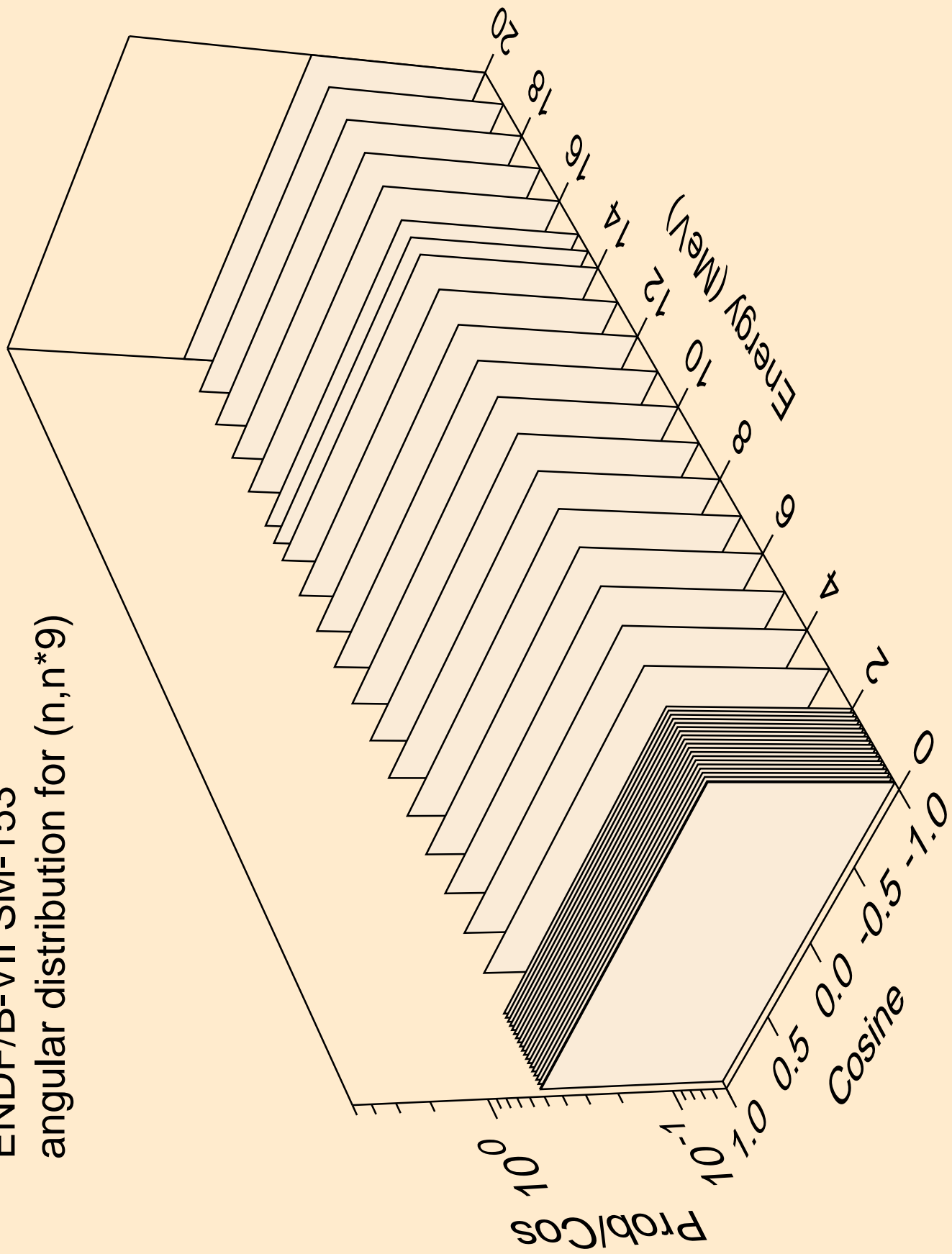
ENDF/B-VII SM-153  
angular distribution for (n,n\*7)



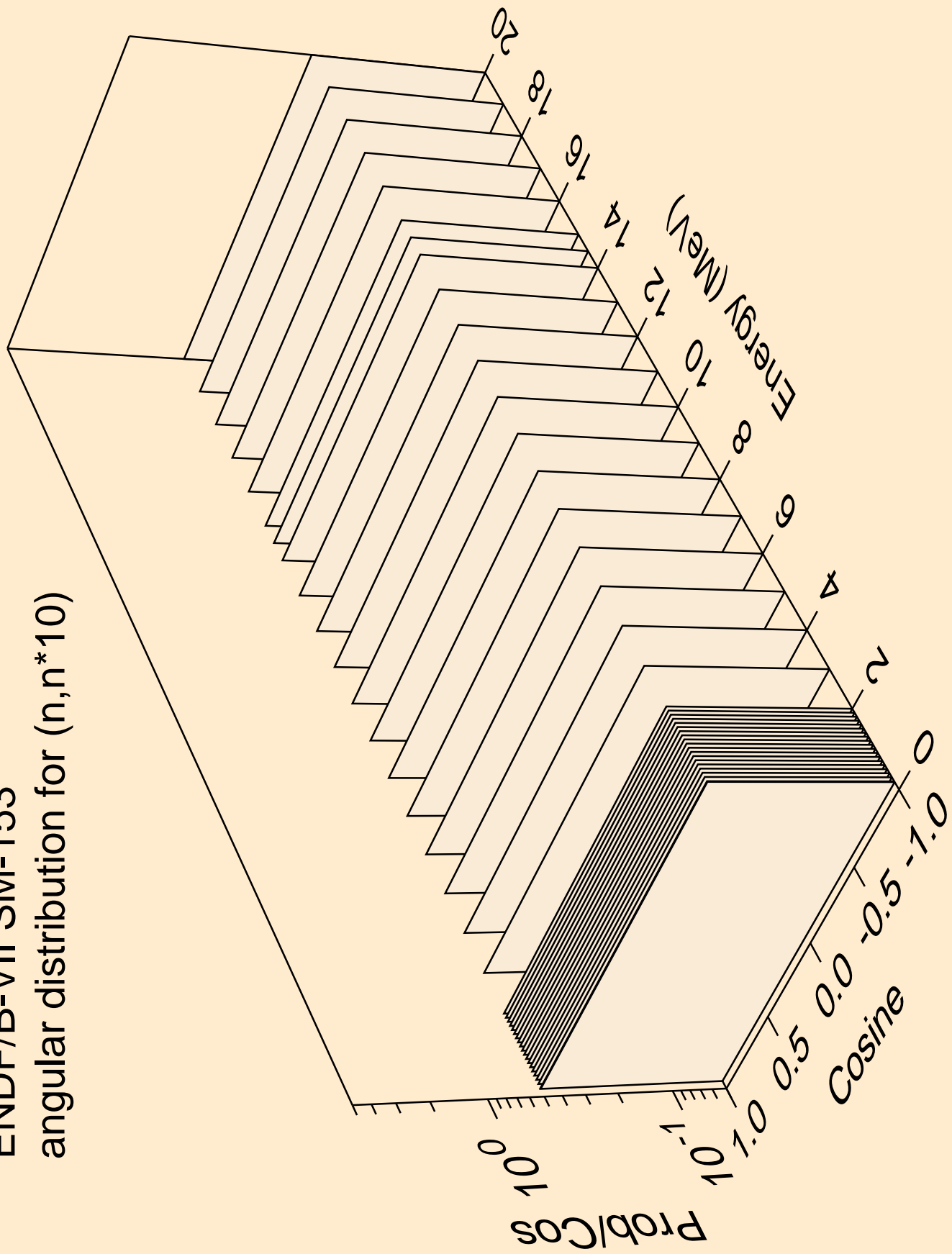
ENDF/B-VII SM-153  
angular distribution for (n,n\*8)



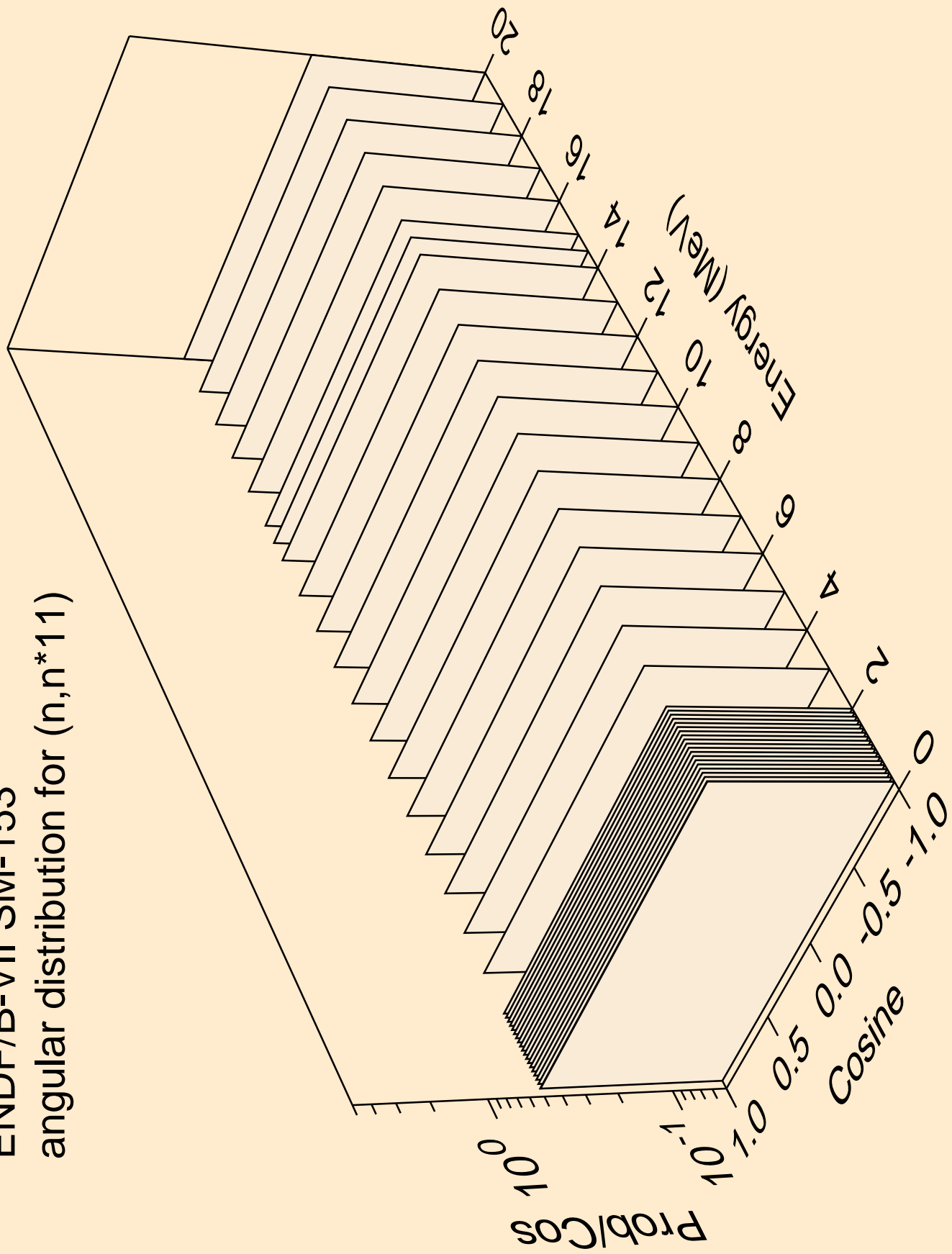
ENDF/B-VII SM-153  
angular distribution for (n,n\*9)



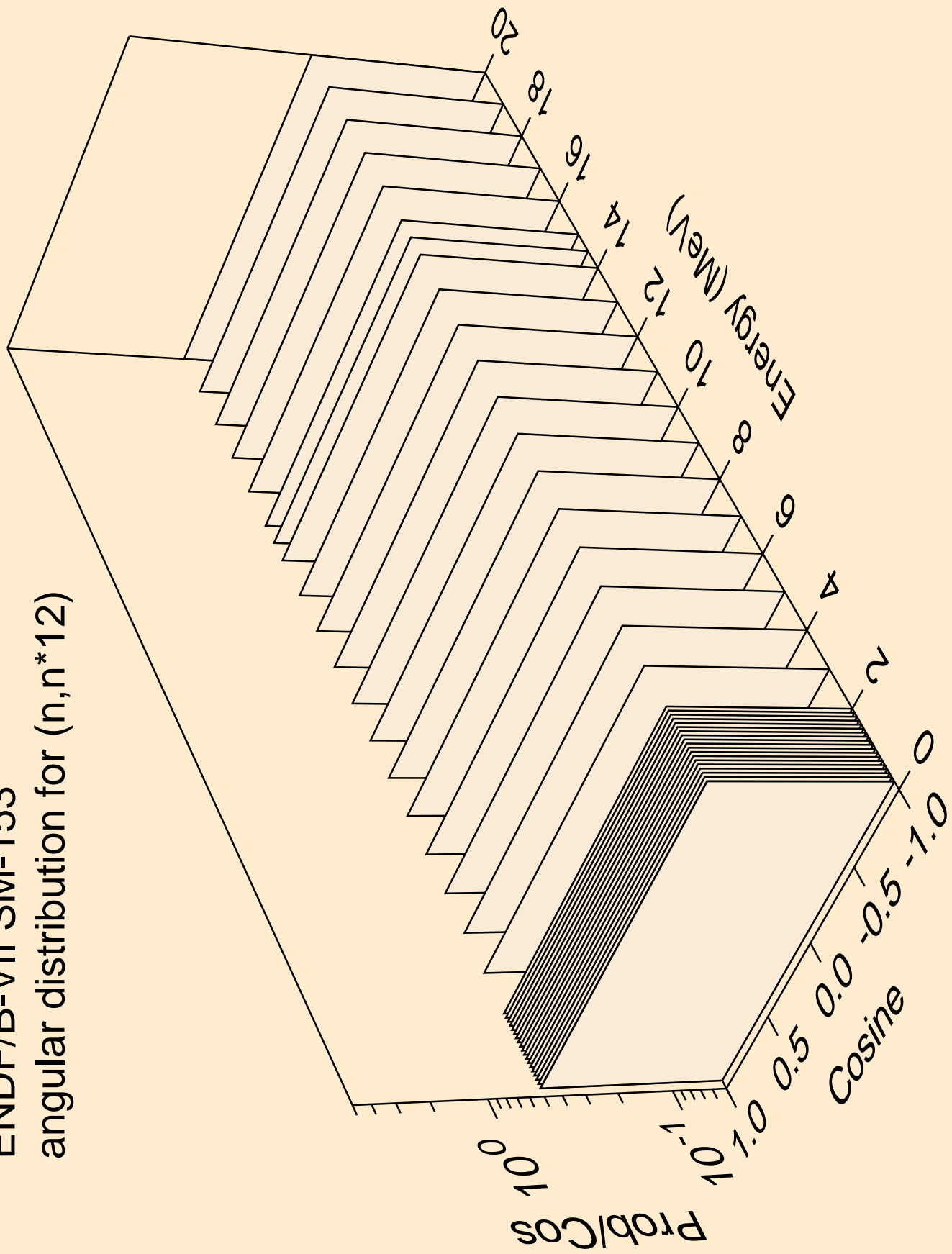
ENDF/B-VII SM-153  
angular distribution for (n,n\*10)



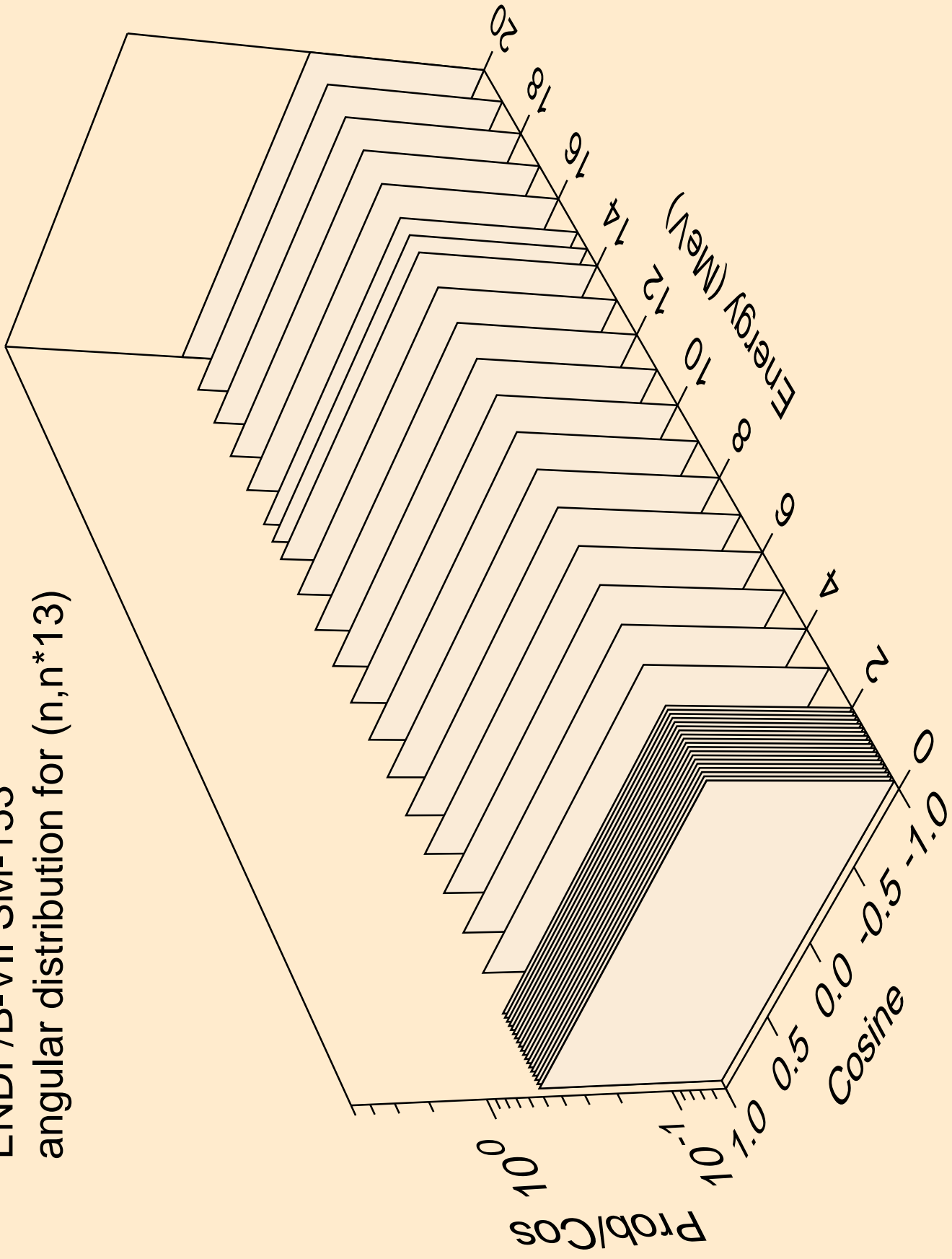
ENDF/B-VII SM-153  
angular distribution for (n,n\*11)



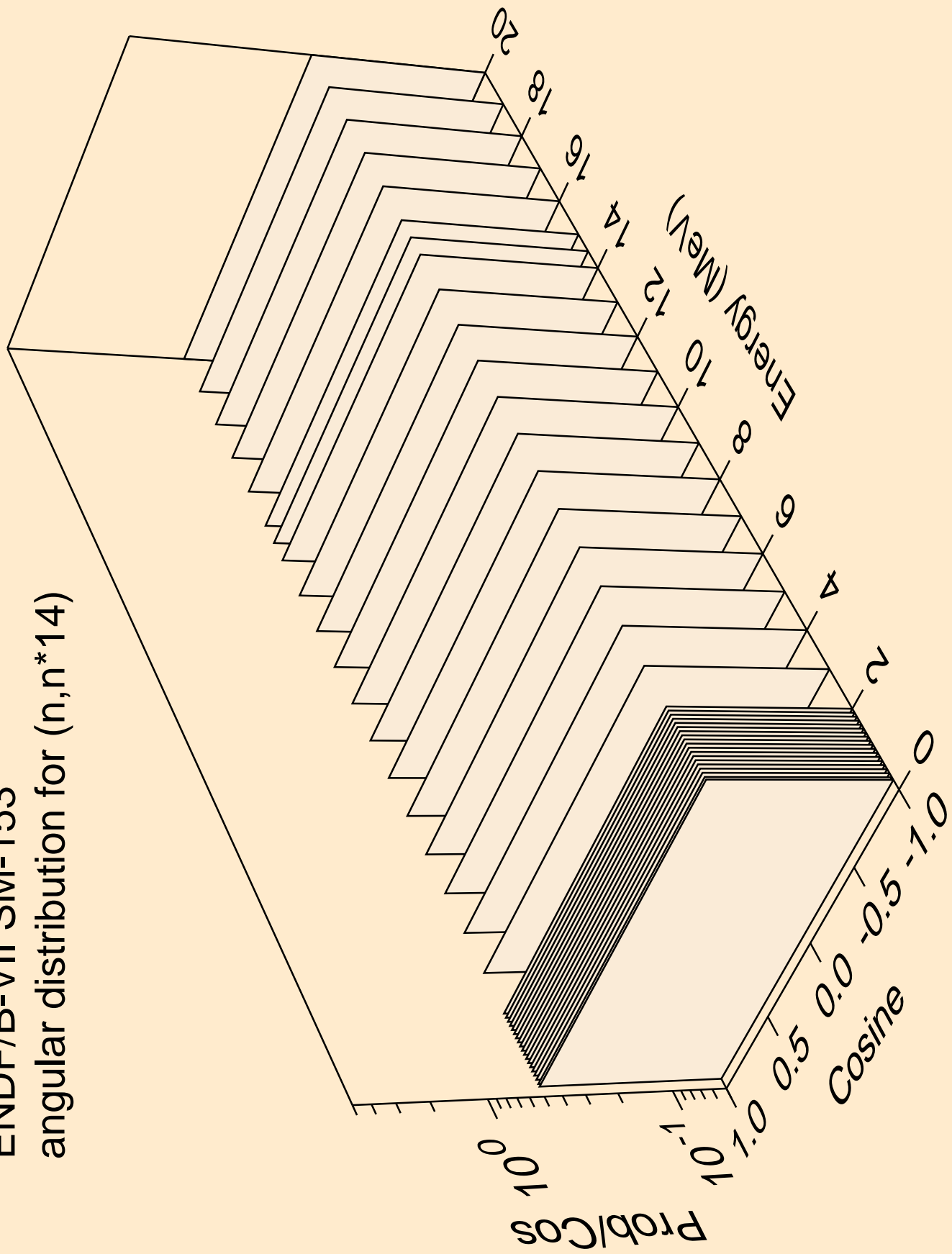
ENDF/B-VII SM-153  
angular distribution for (n,n\*12)



ENDF/B-VII SM-153  
angular distribution for (n,n\*13)

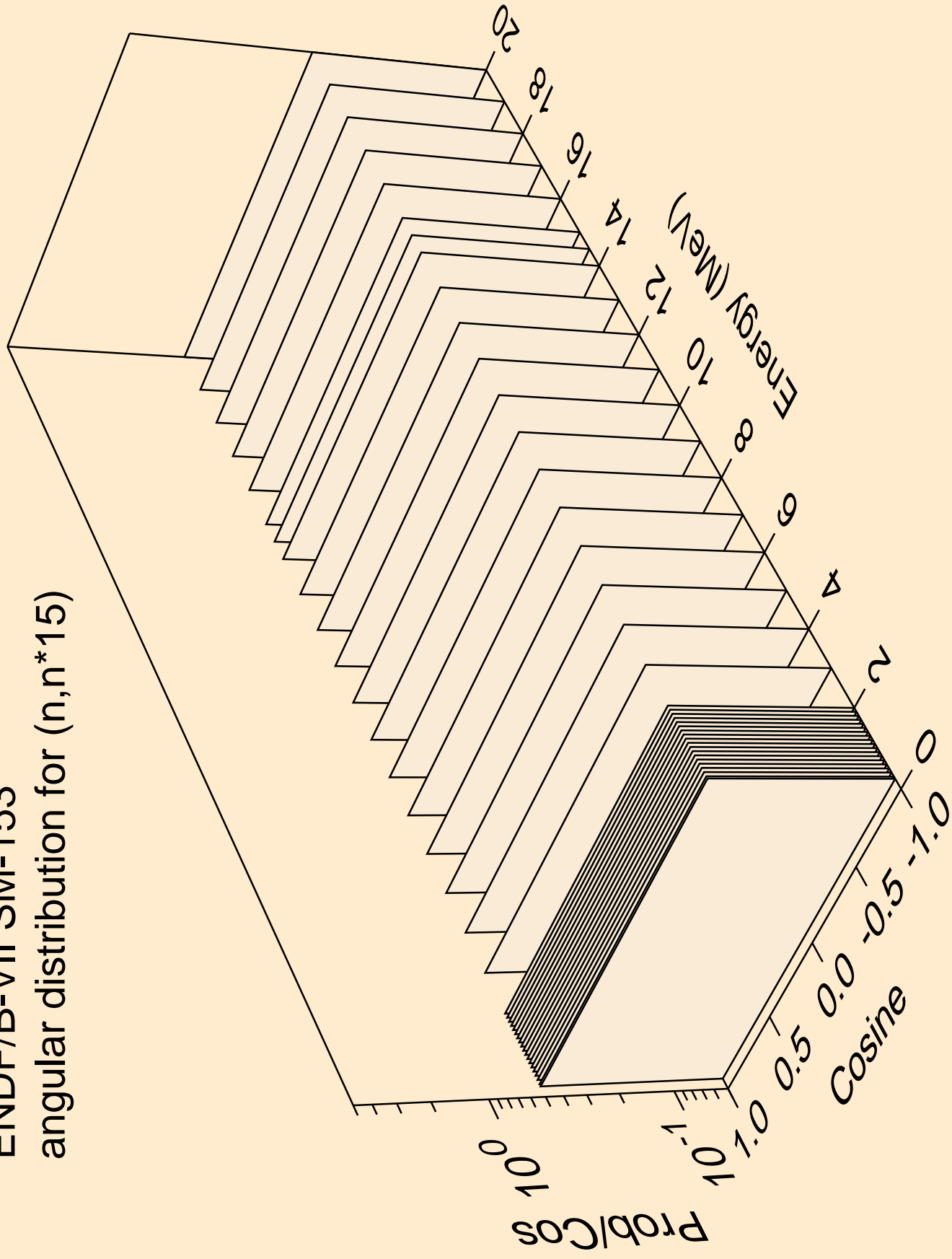


ENDF/B-VII SM-153  
angular distribution for (n,n\*14)

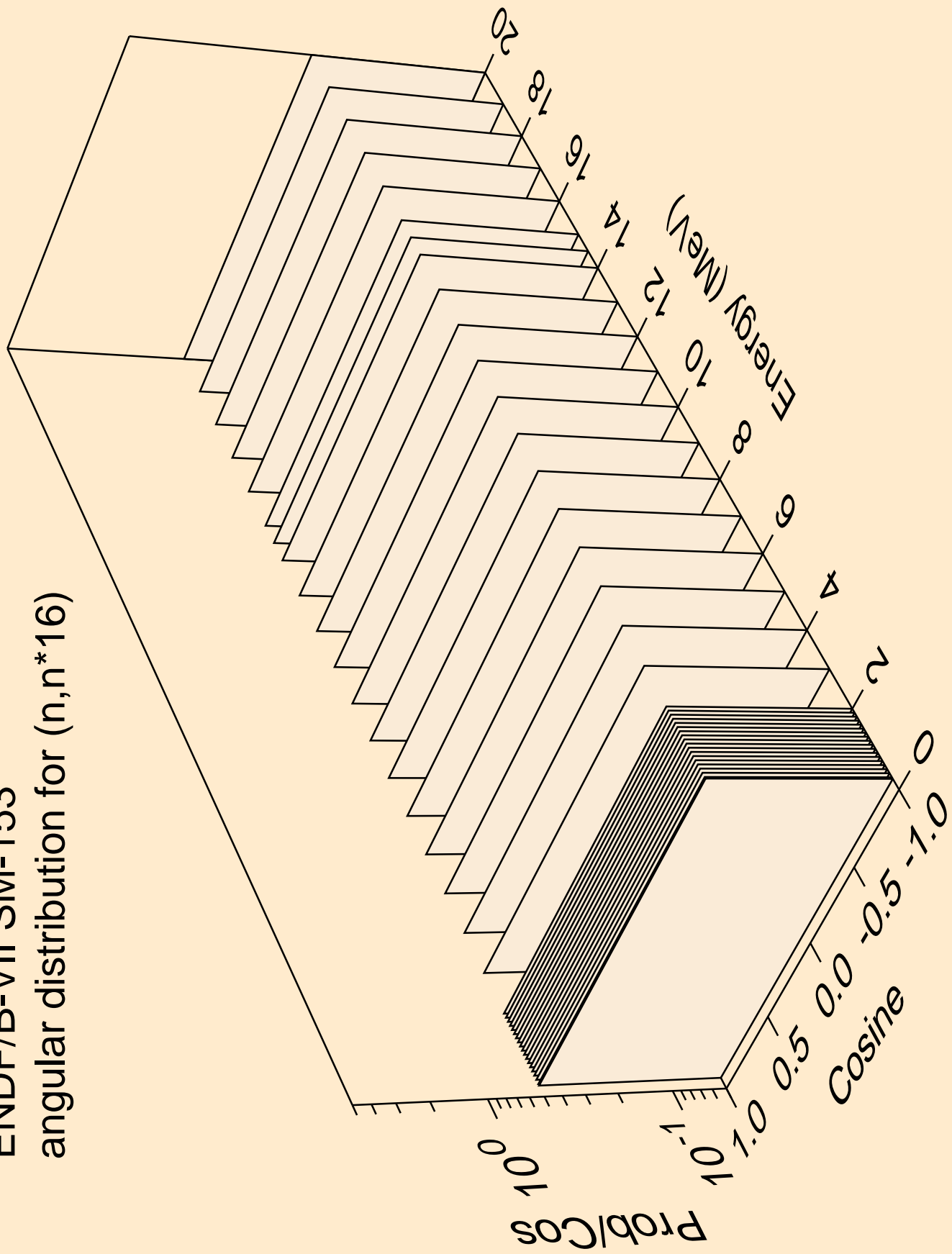




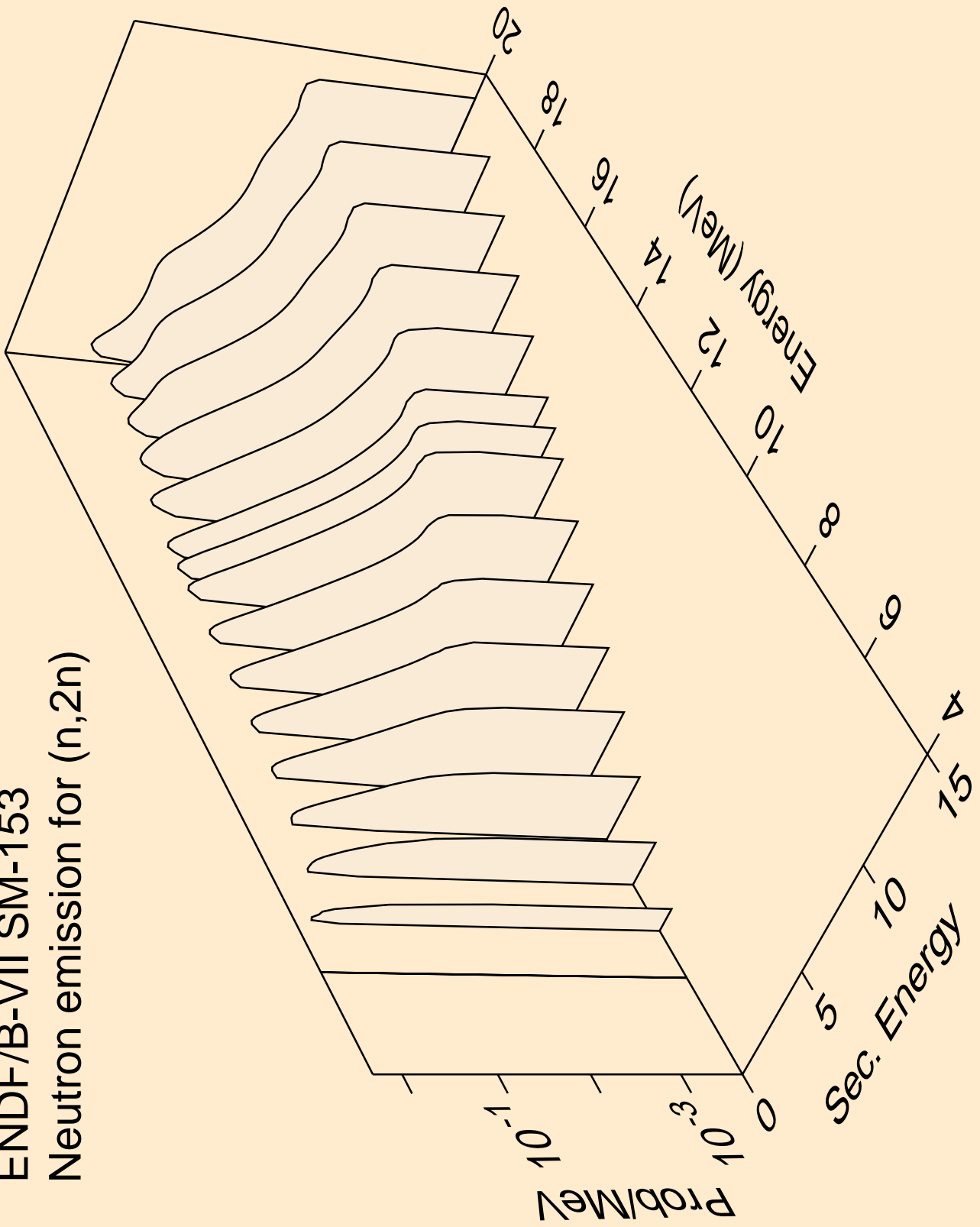
ENDF/B-VII SM-153  
angular distribution for (n,n\*15)



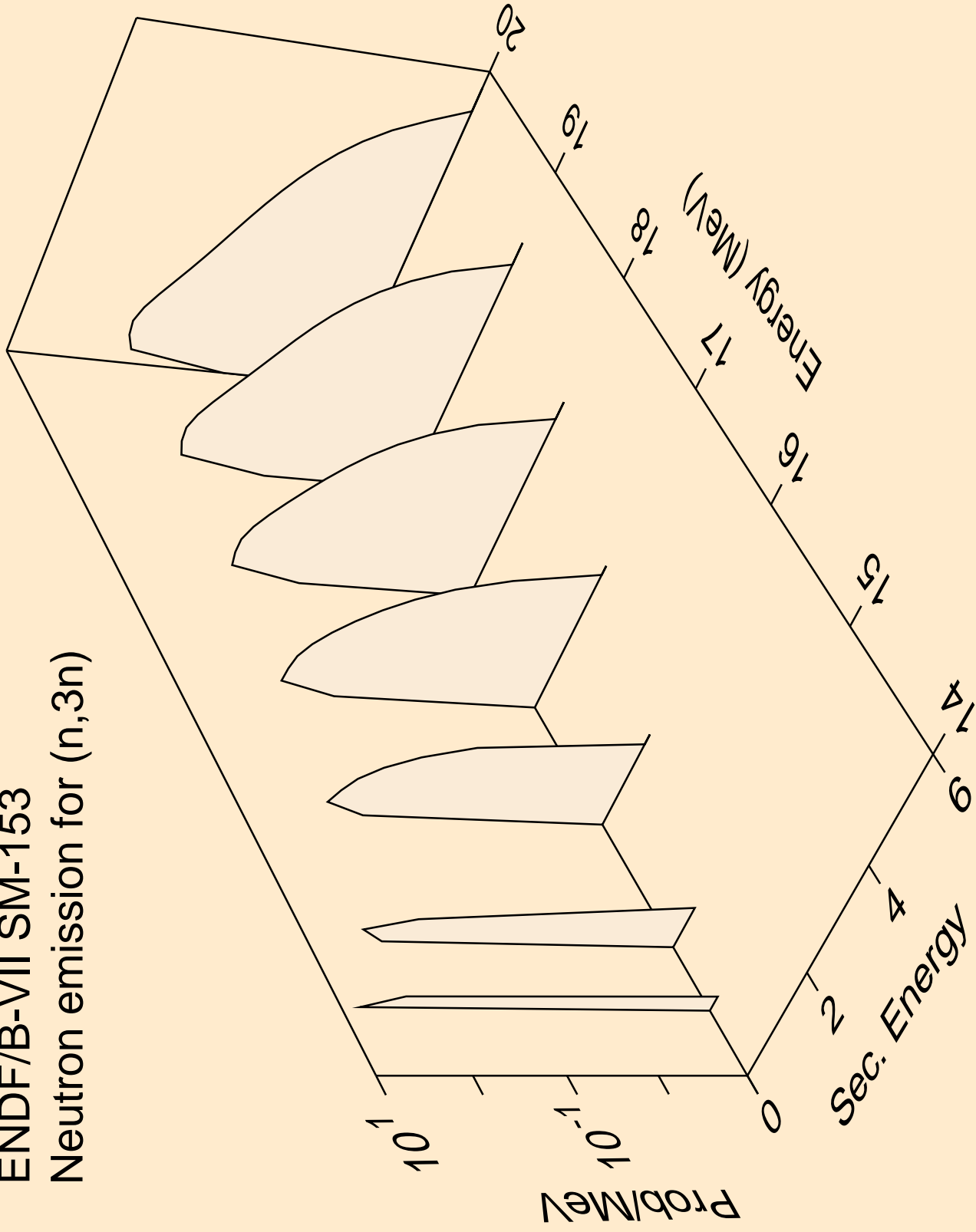
ENDF/B-VII SM-153  
angular distribution for (n,n\*16)



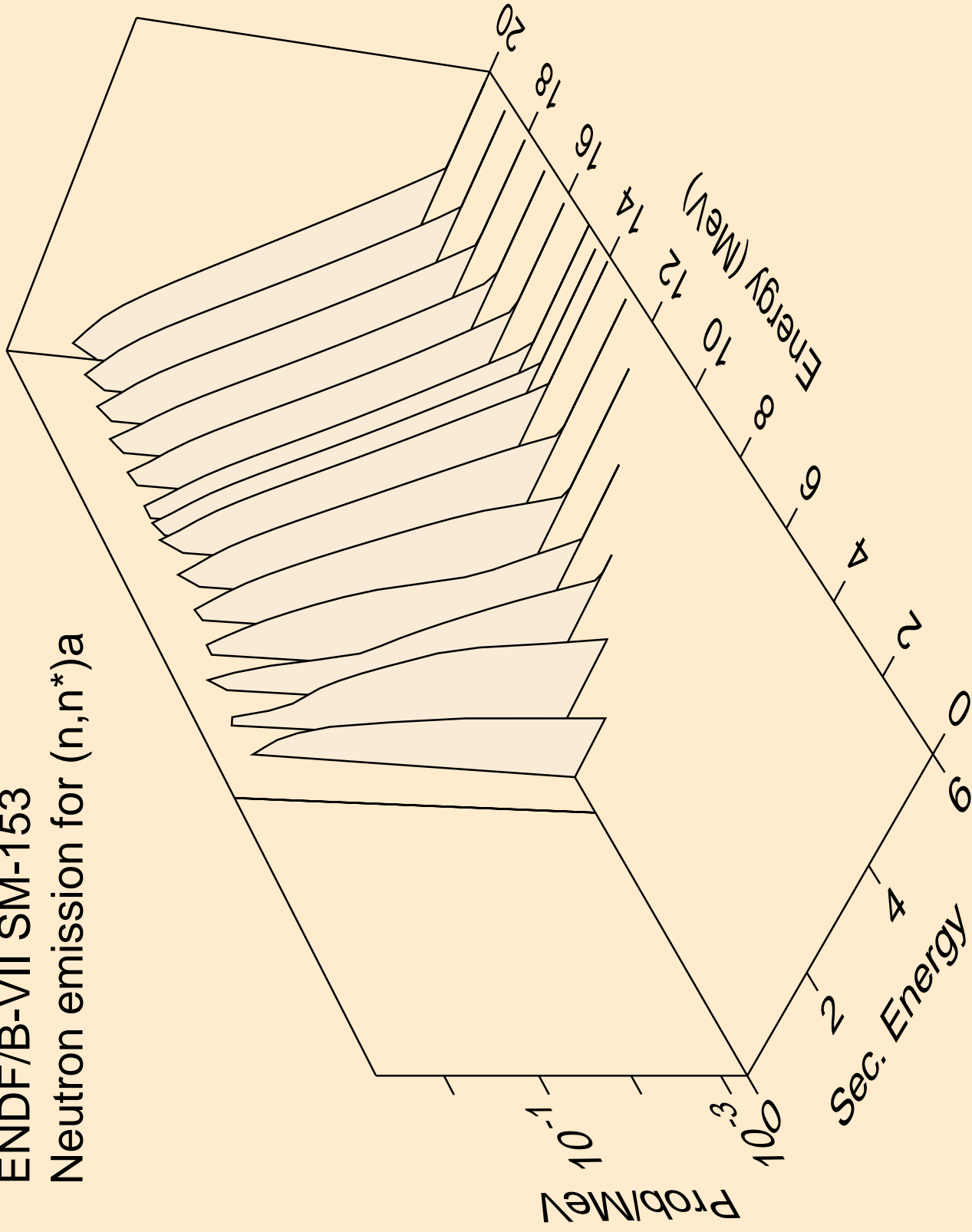
ENDF/B-VII SM-153  
Neutron emission for (n,2n)



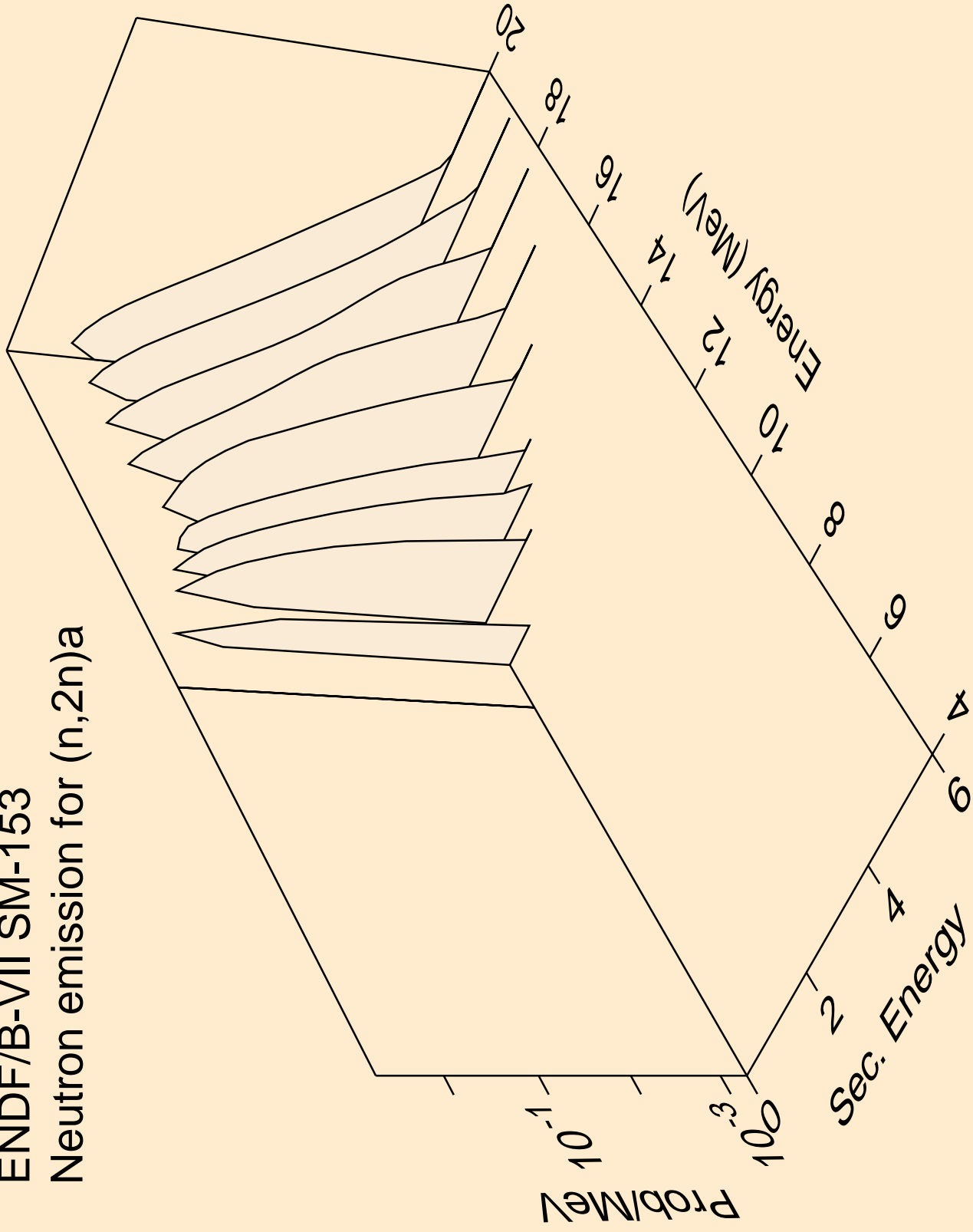
ENDF/B-VII SM-153  
Neutron emission for (n,3n)



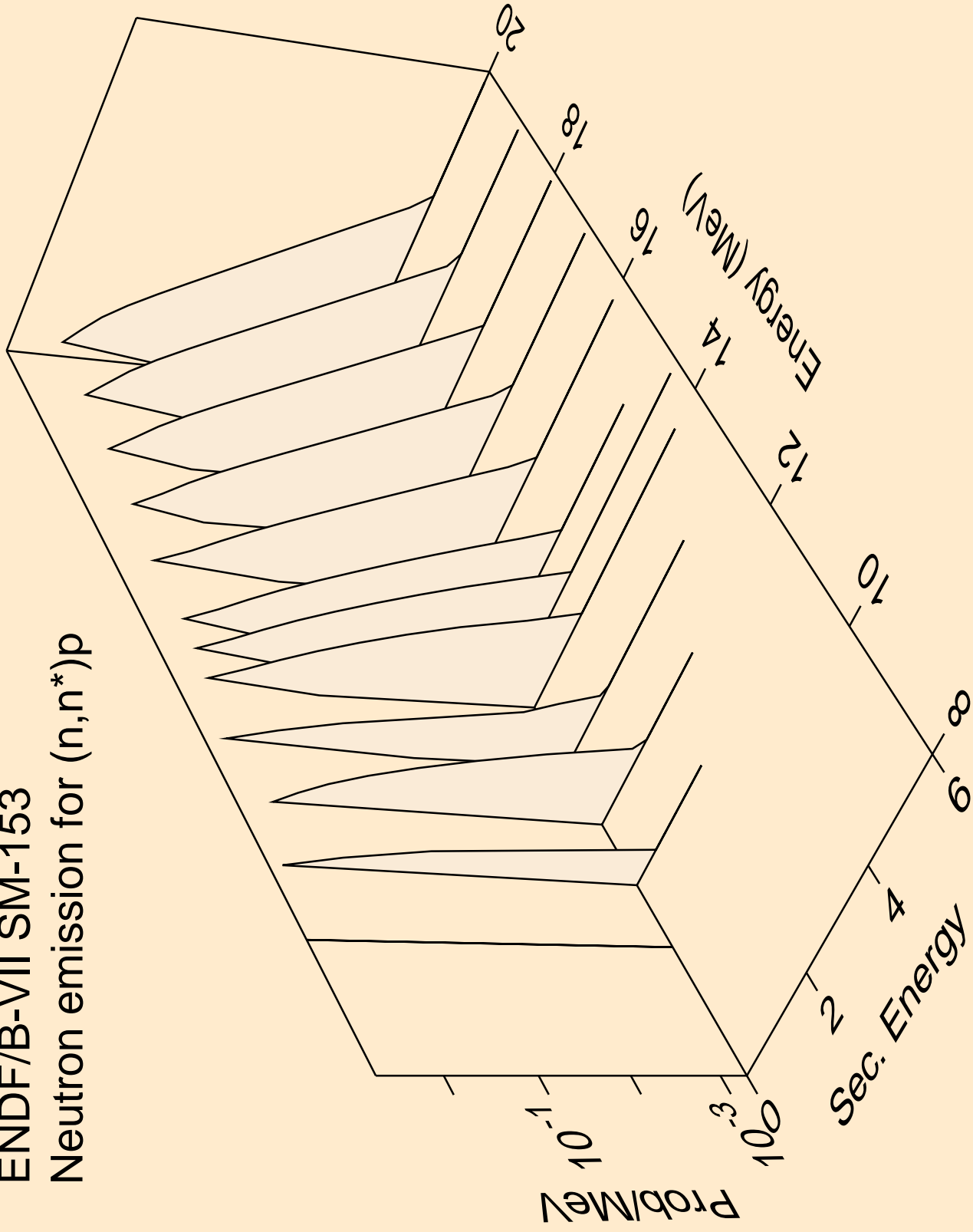
ENDF/B-VII SM-153  
Neutron emission for (n,n\*)a



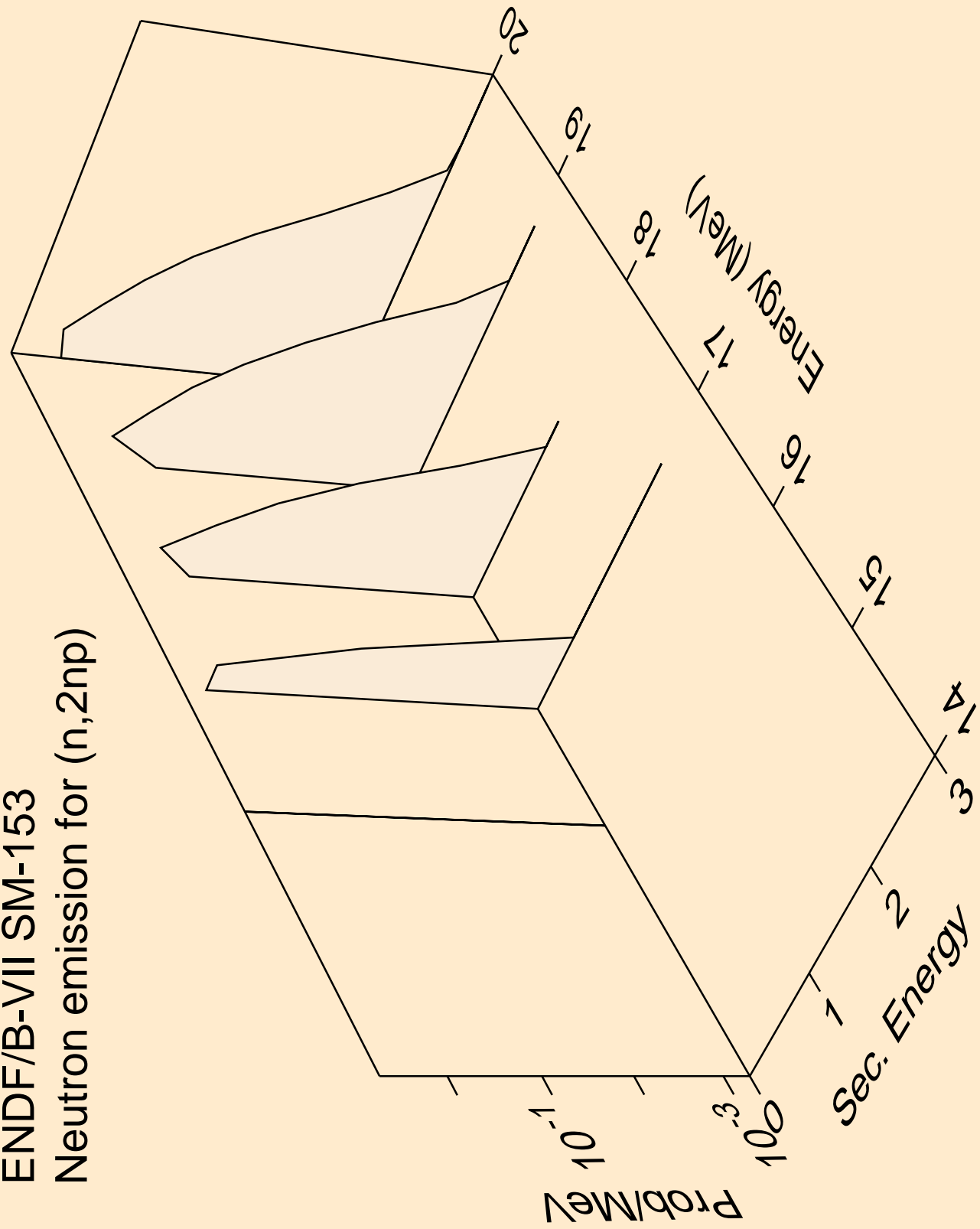
ENDF/B-VII SM-153  
Neutron emission for (n,2n)a



ENDF/B-VII SM-153  
Neutron emission for (n,n\*)p

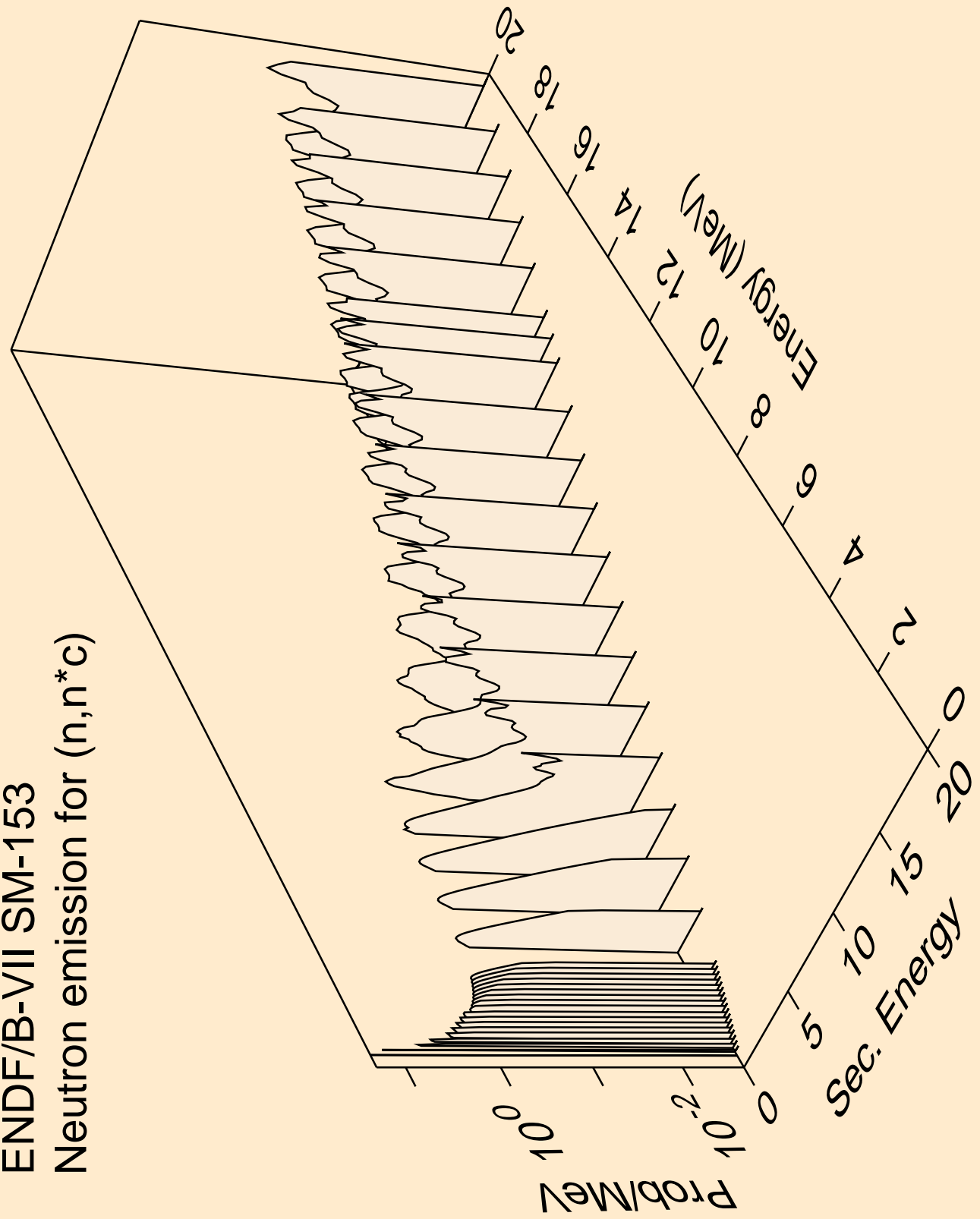


ENDF/B-VII SM-153  
Neutron emission for (n,2np)

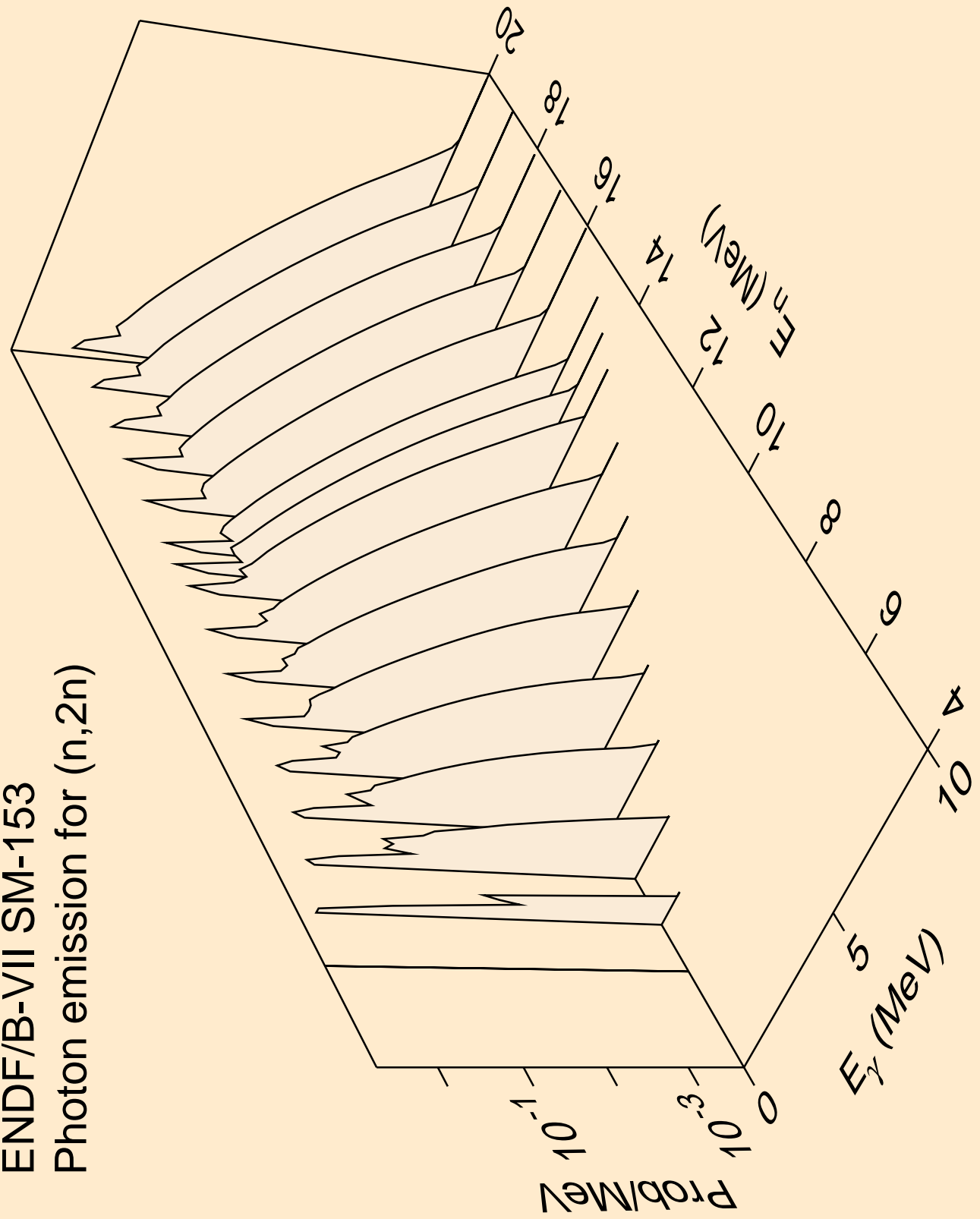




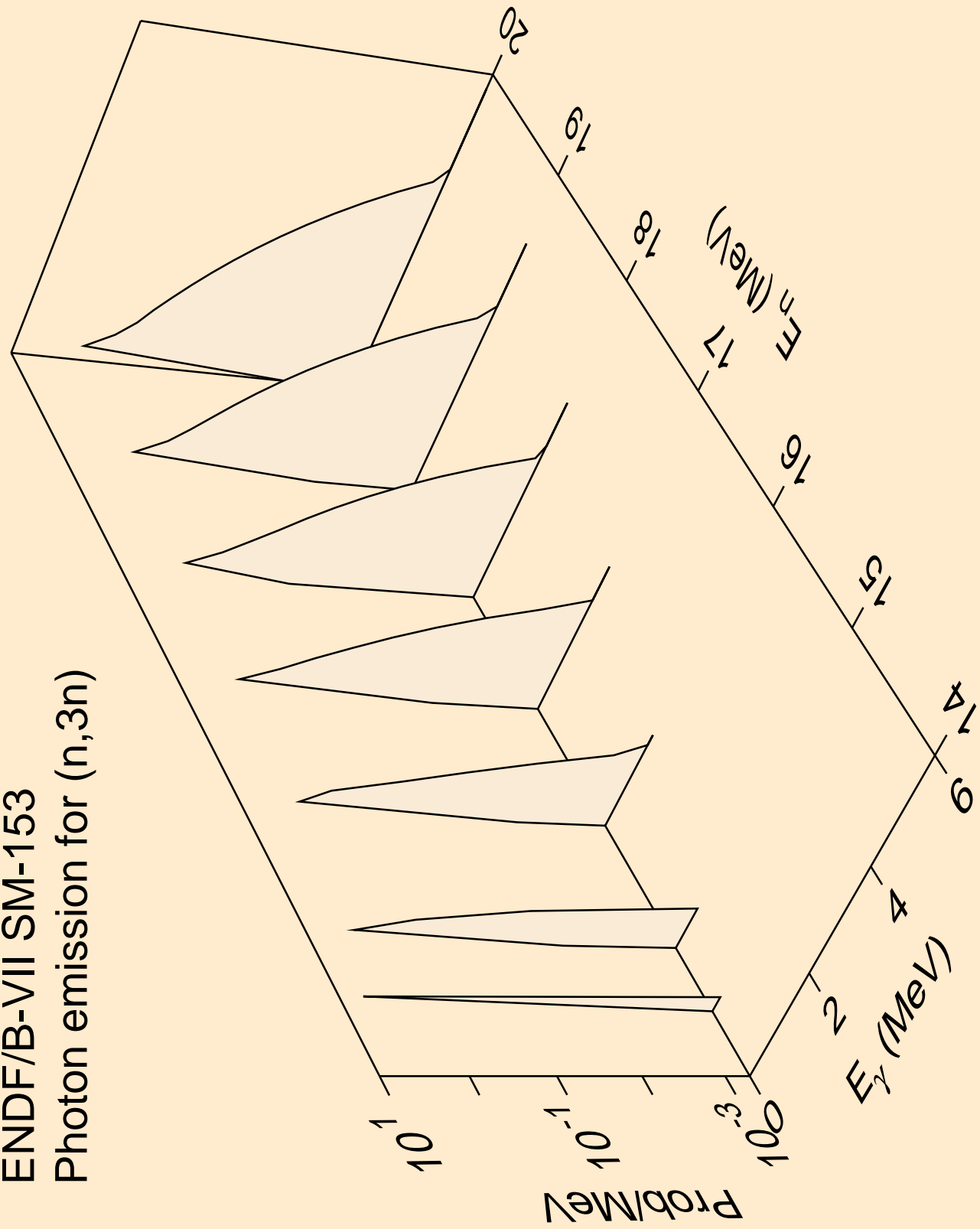
ENDF/B-VII SM-153  
Neutron emission for (n,n\*c)



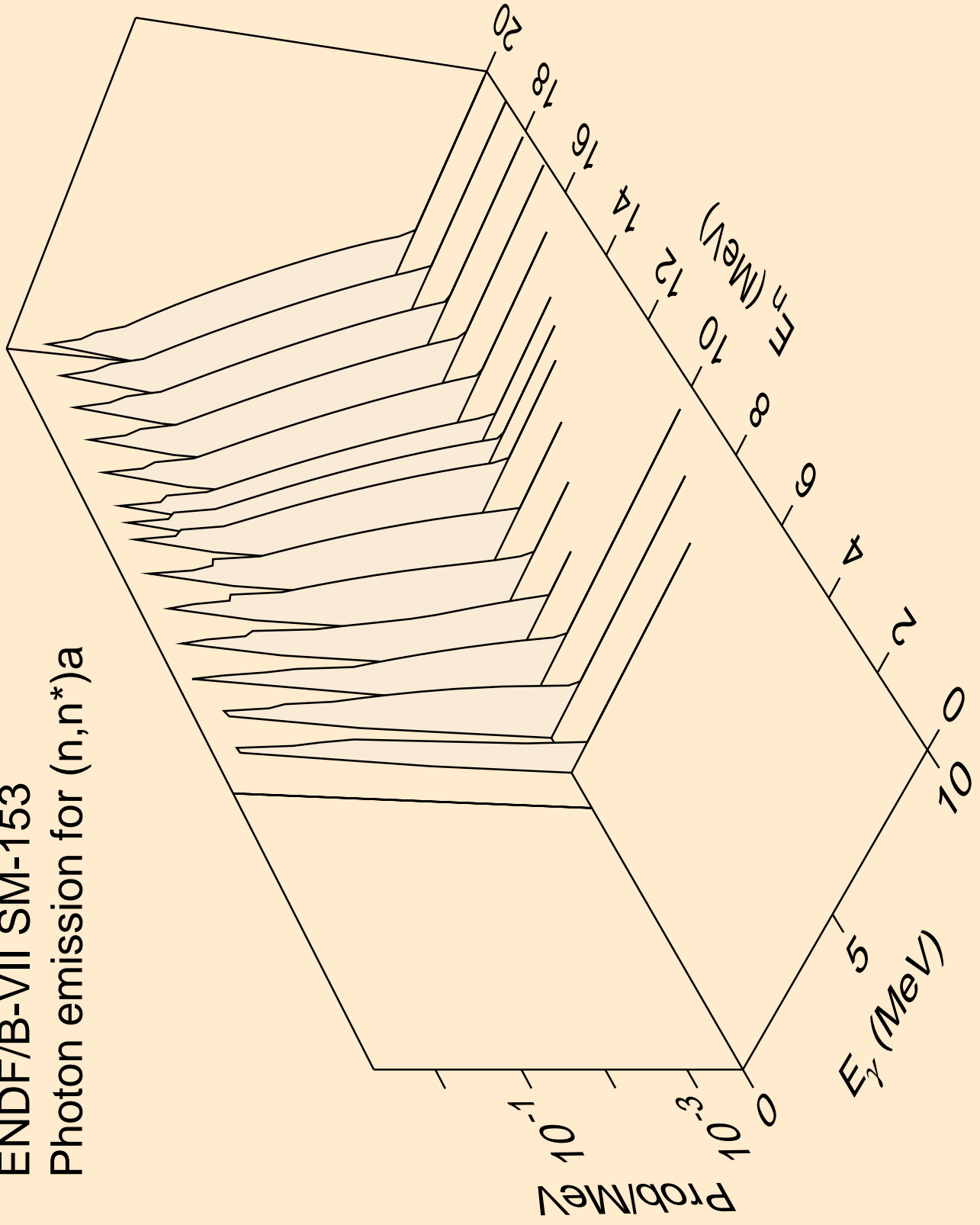
ENDF/B-VII SM-153  
Photon emission for (n,2n)



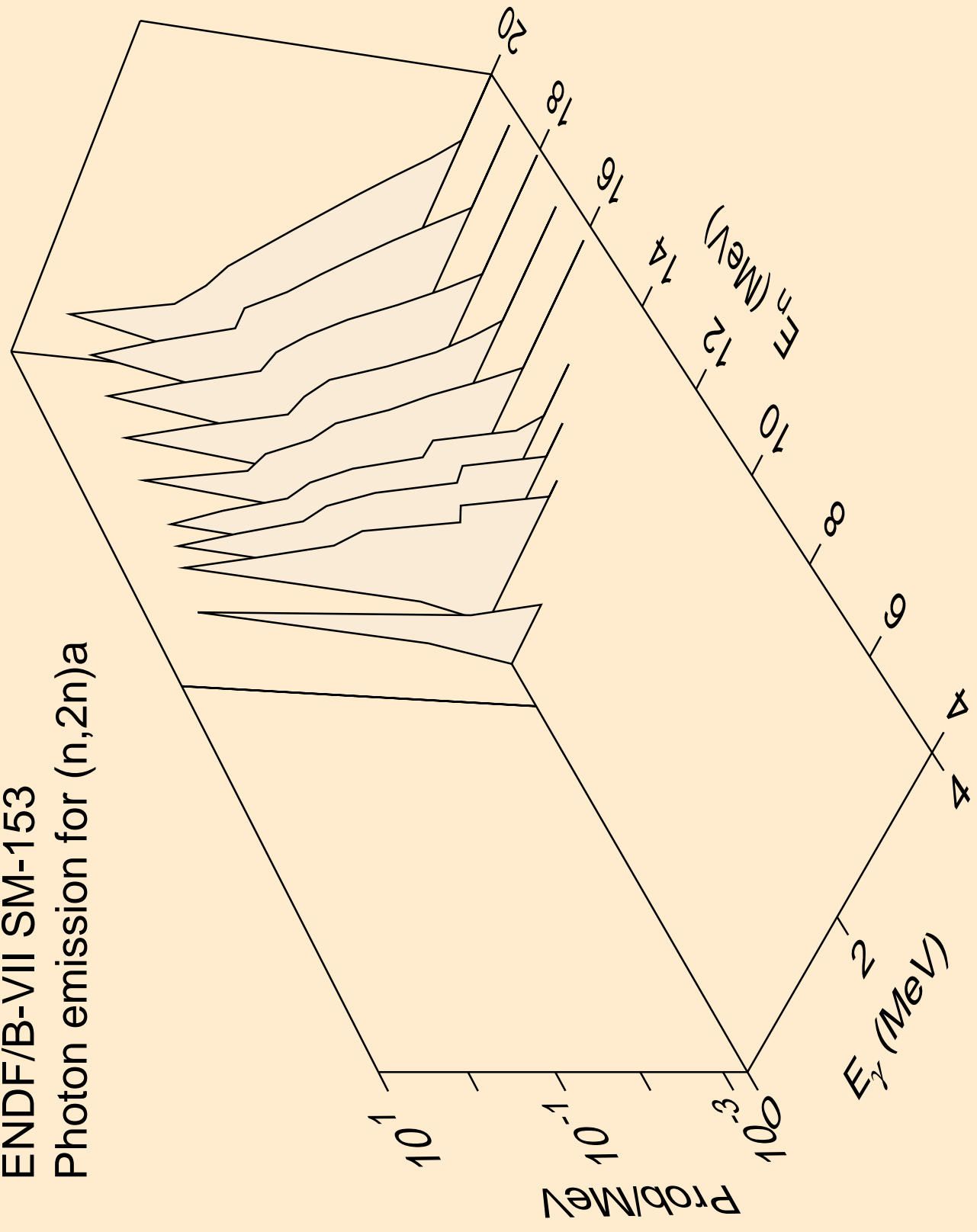
ENDF/B-VII SM-153  
Photon emission for (n,3n)



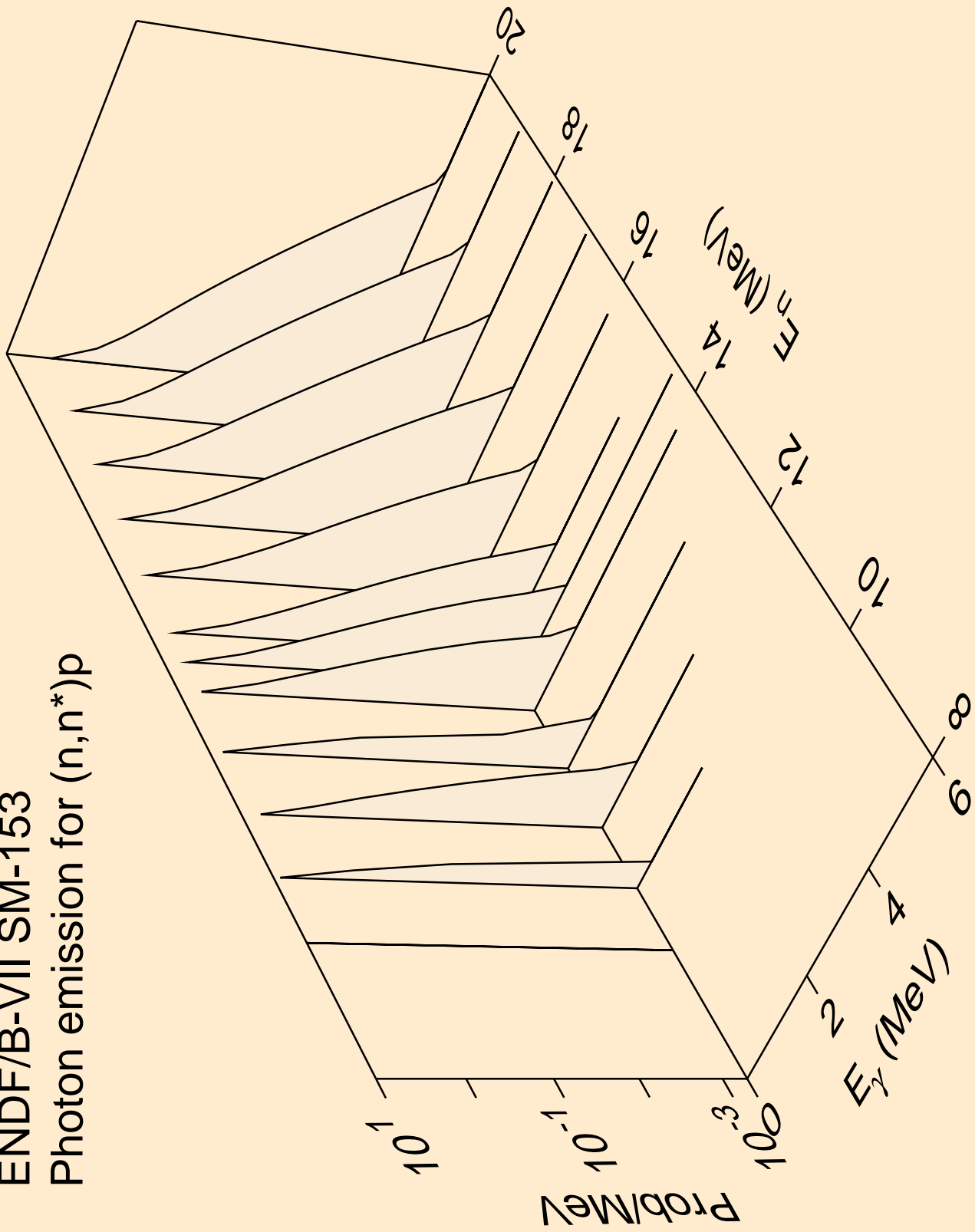
ENDF/B-VII SM-153  
Photon emission for (n,n\*)a



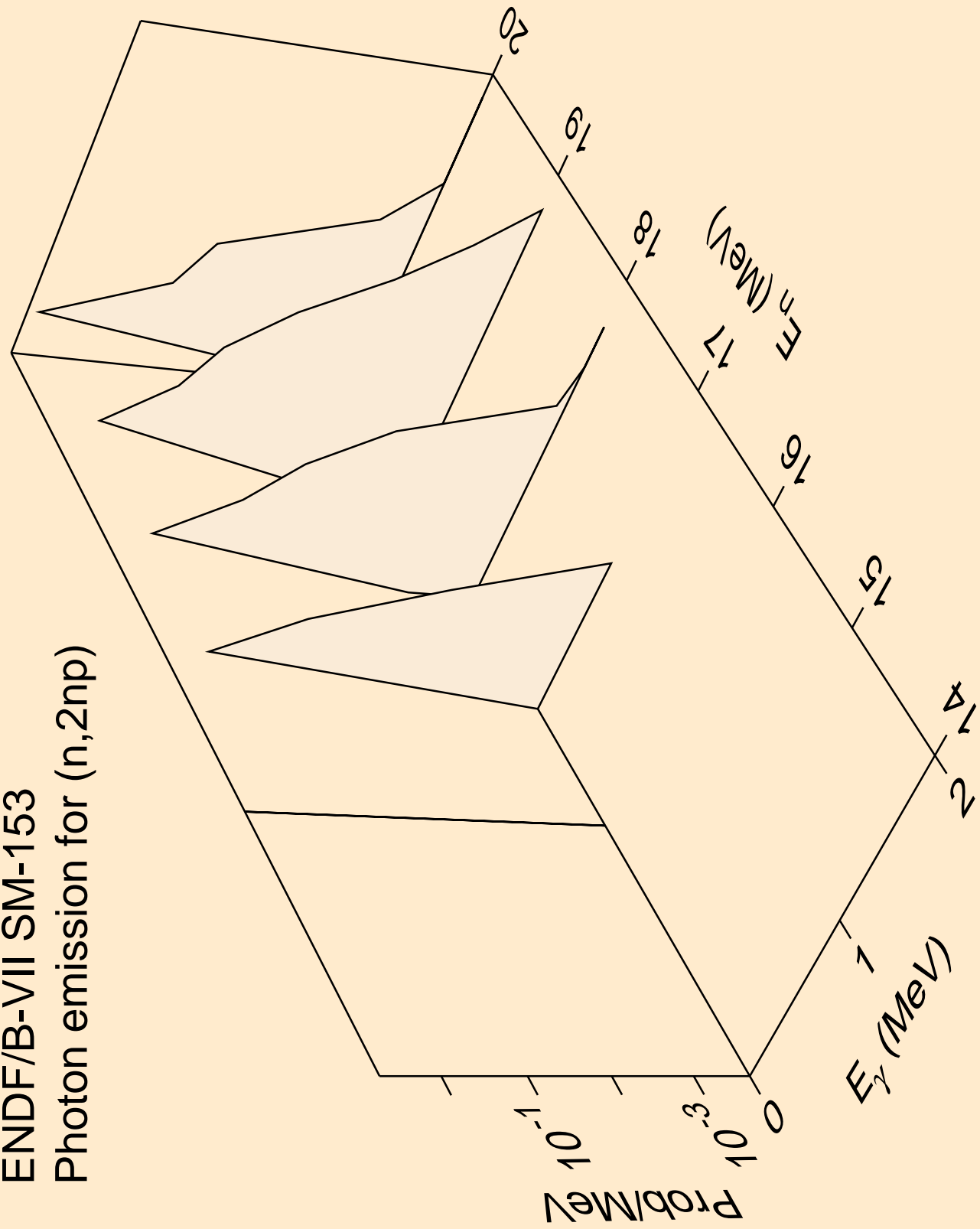
ENDF/B-VII SM-153  
Photon emission for (n,2n)a



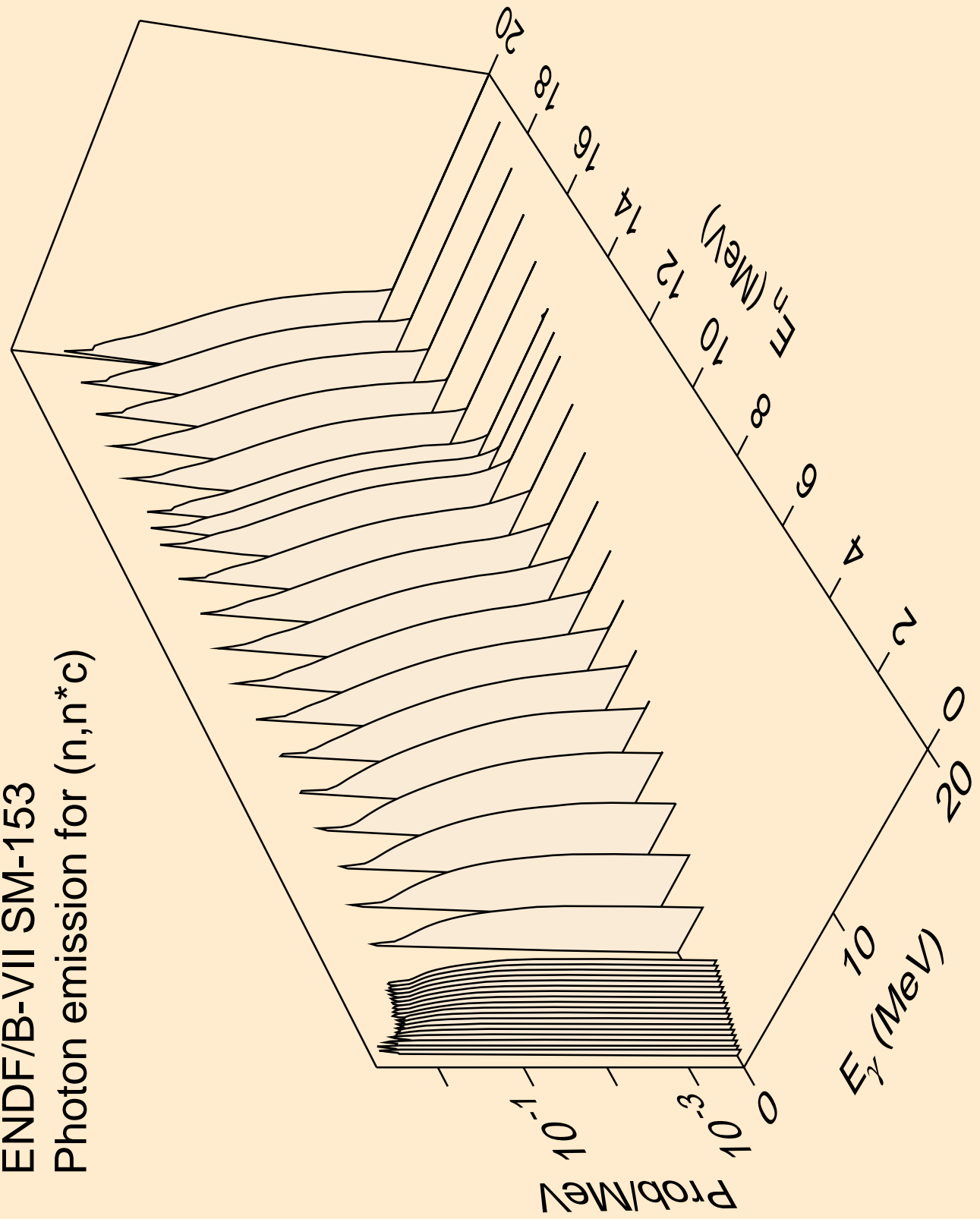
ENDF/B-VII SM-153  
Photon emission for  $(n,n^*)p$



ENDF/B-VII SM-153  
Photon emission for (n,2np)

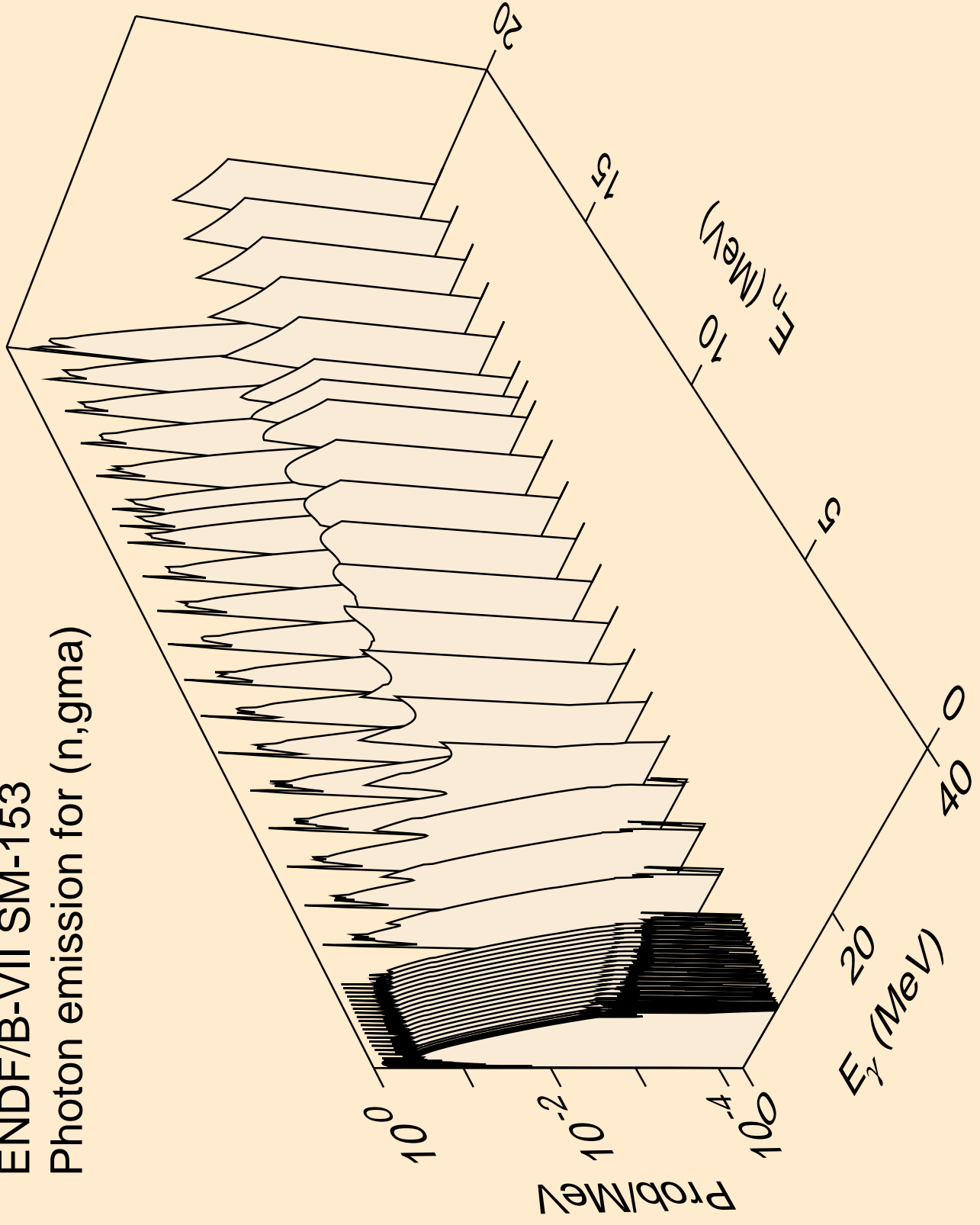


ENDF/B-VII SM-153  
Photon emission for (n,n\*c)

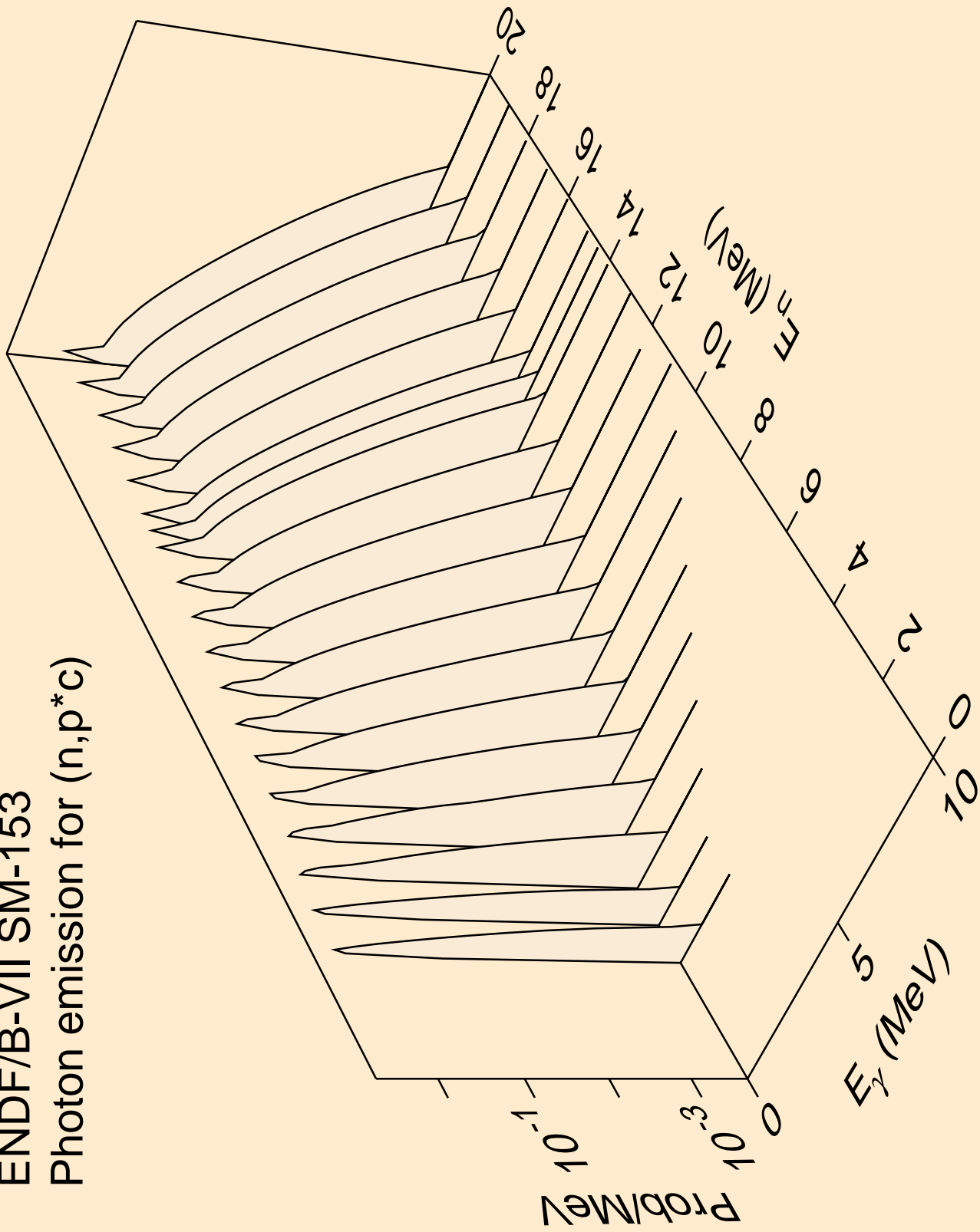




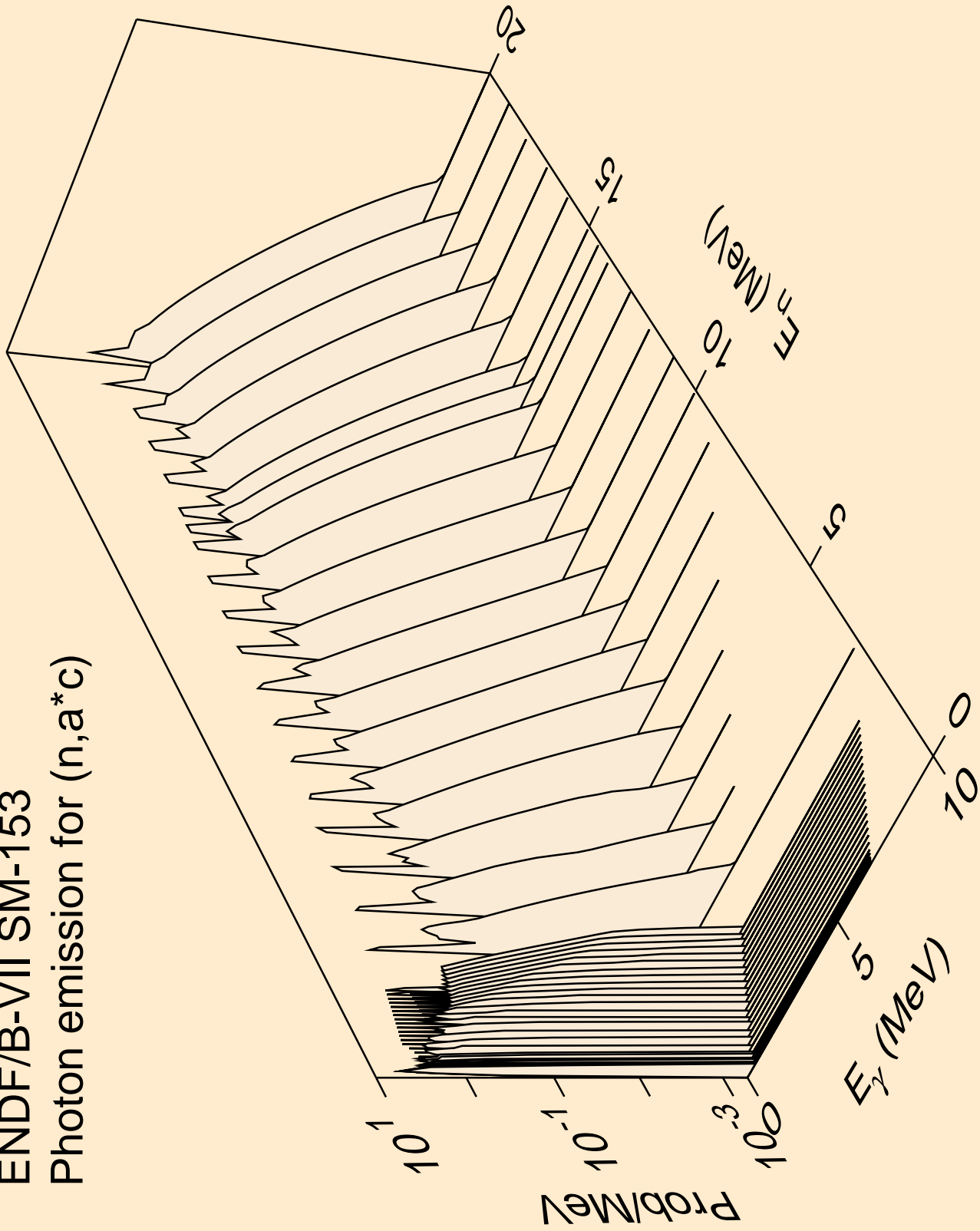
ENDF/B-VII SM-153  
Photon emission for (n,gma)



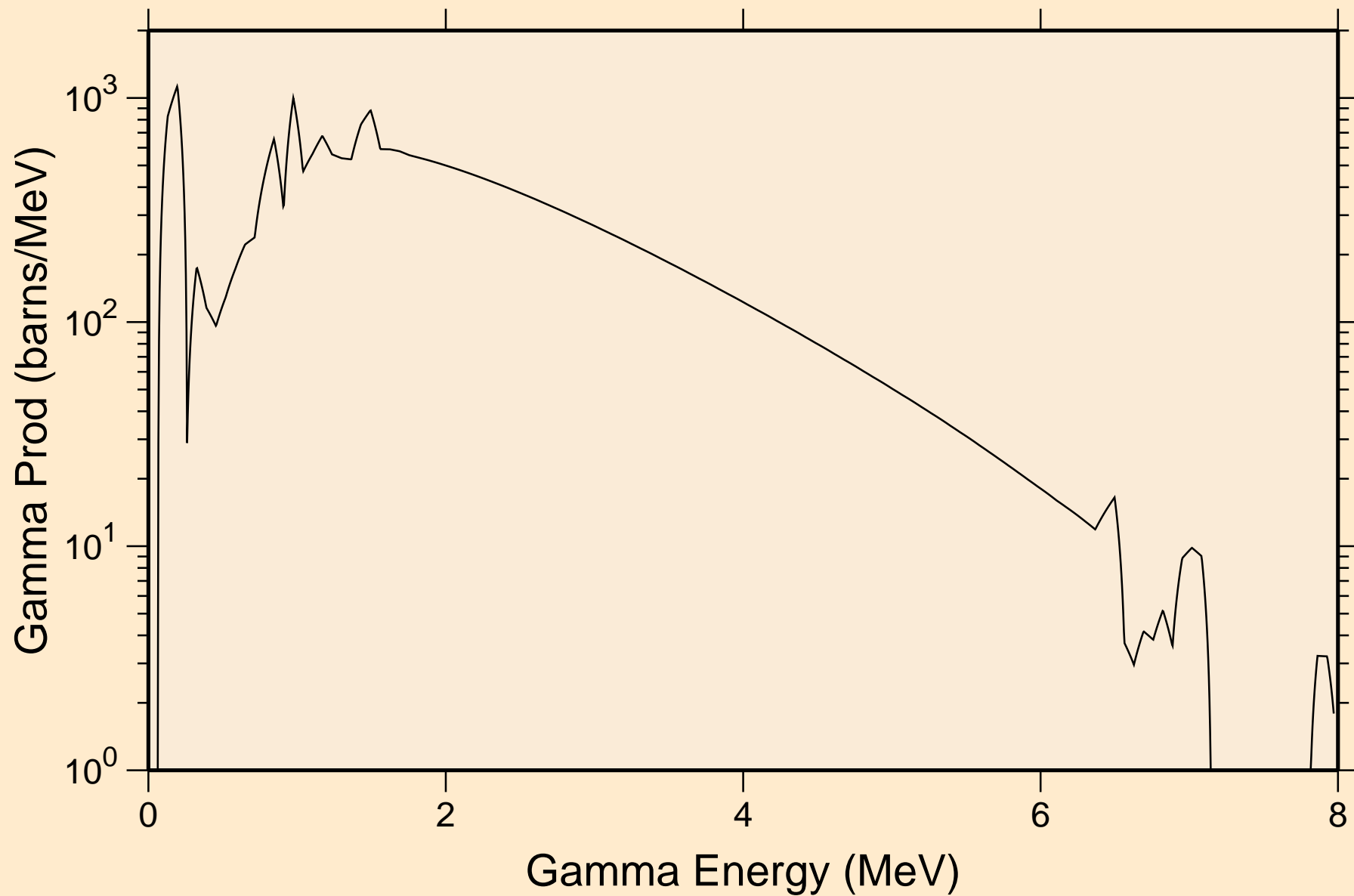
ENDF/B-VII SM-153  
Photon emission for (n,p\*c)



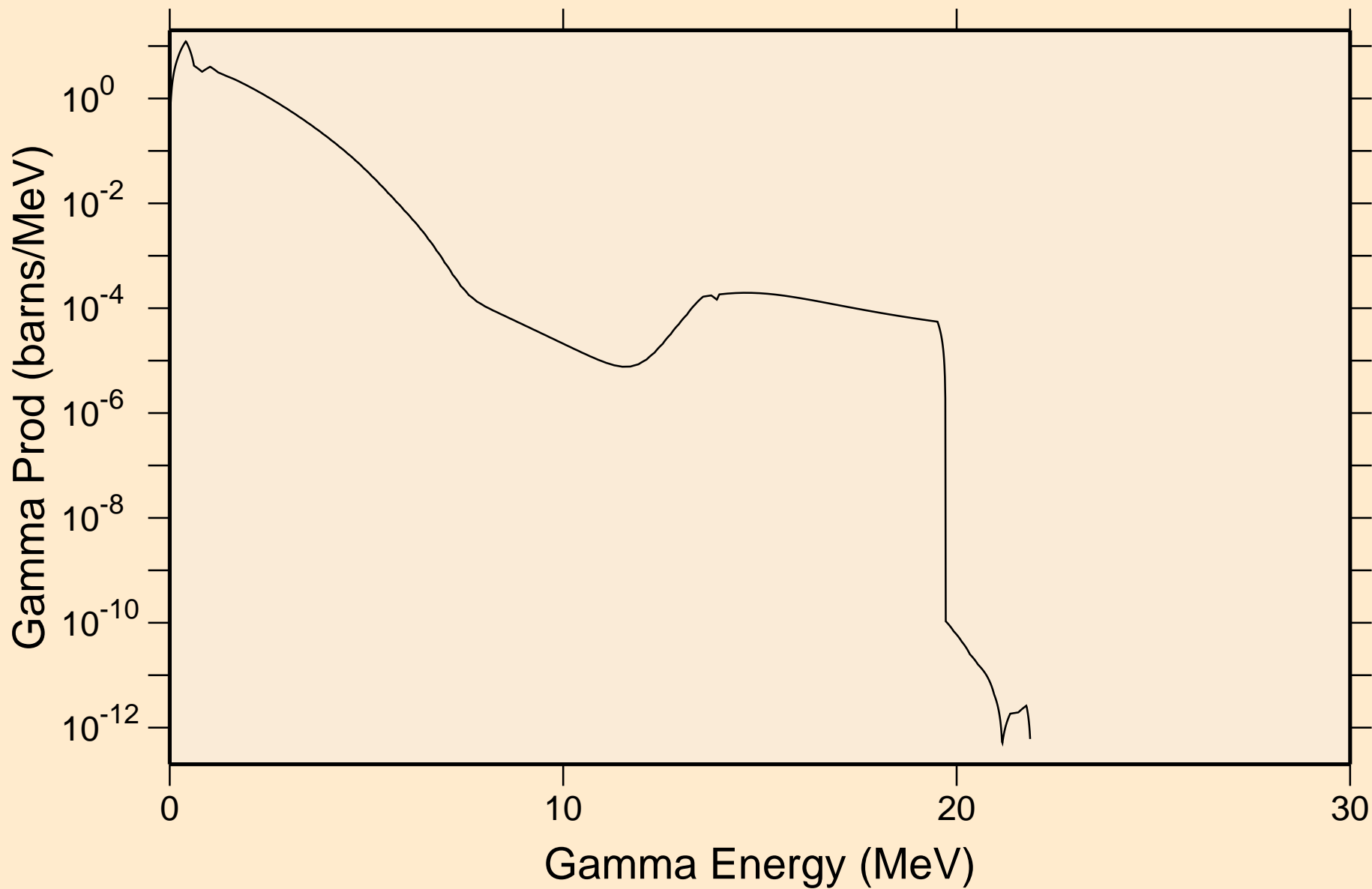
ENDF/B-VII SM-153  
Photon emission for (n,a\*c)



ENDF/B-VII SM-153  
thermal capture photon spectrum

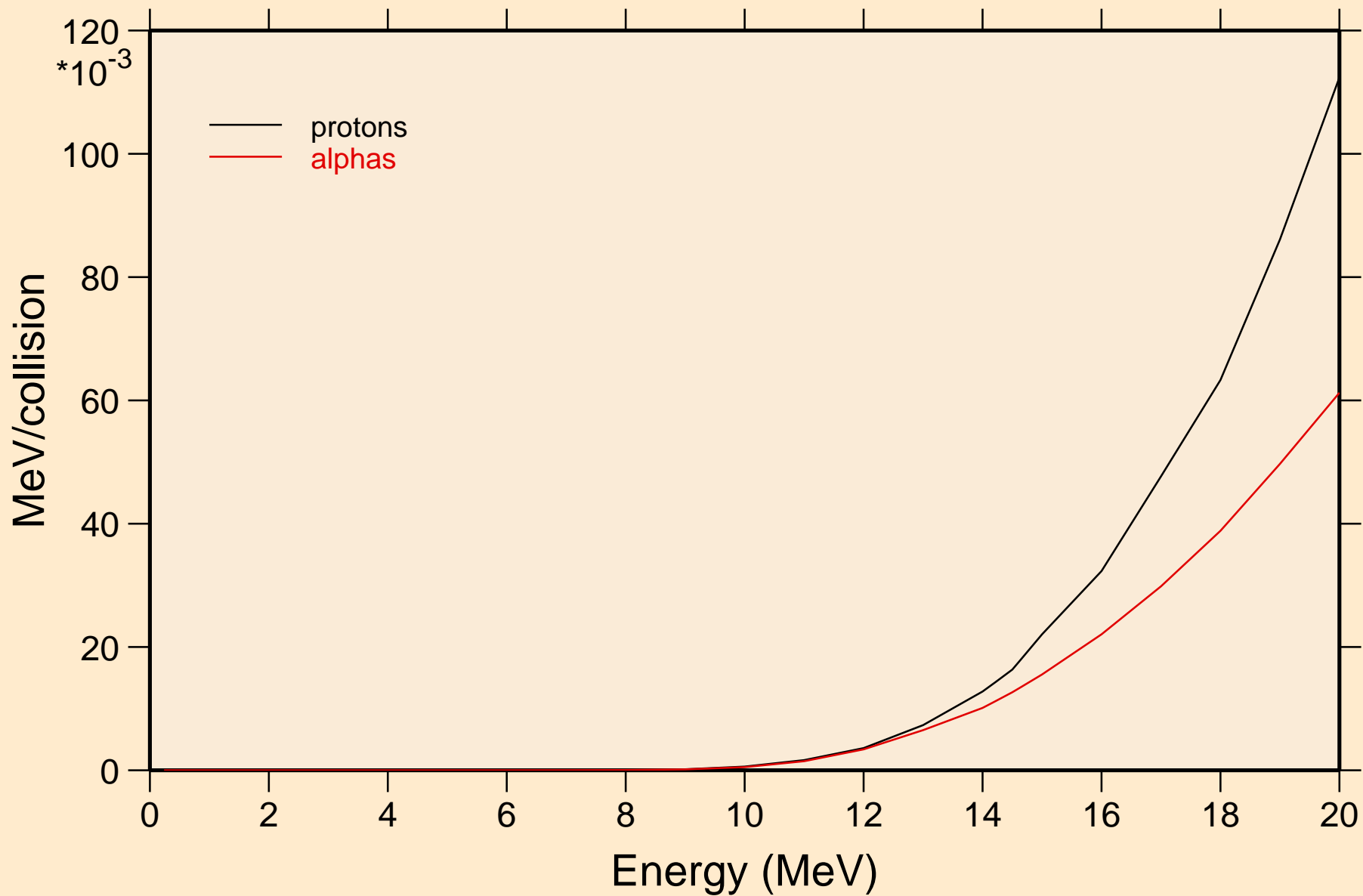


ENDF/B-VII SM-153  
14 MeV photon spectrum



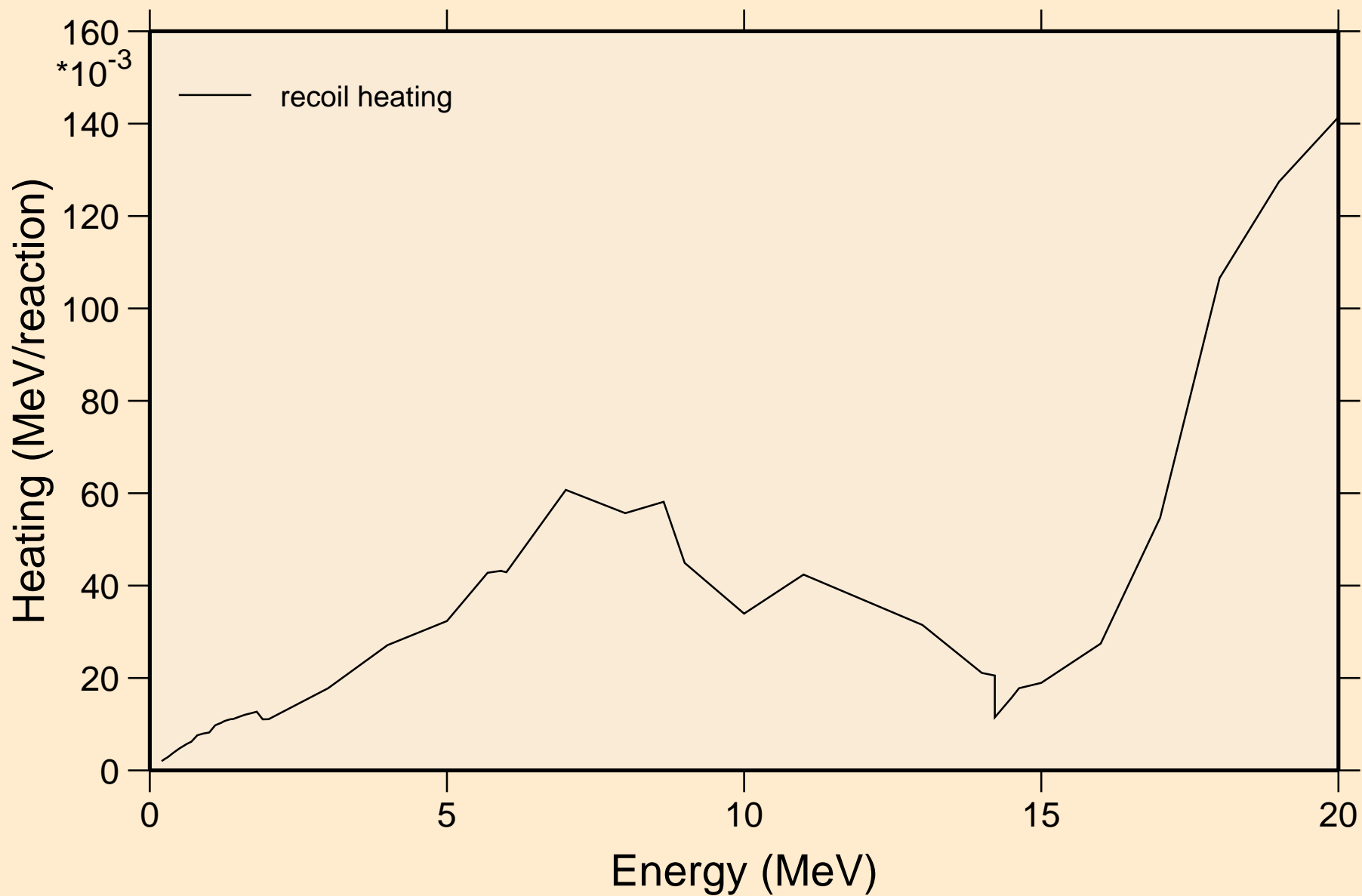
# ENDF/B-VII SM-153

## Particle heating contributions



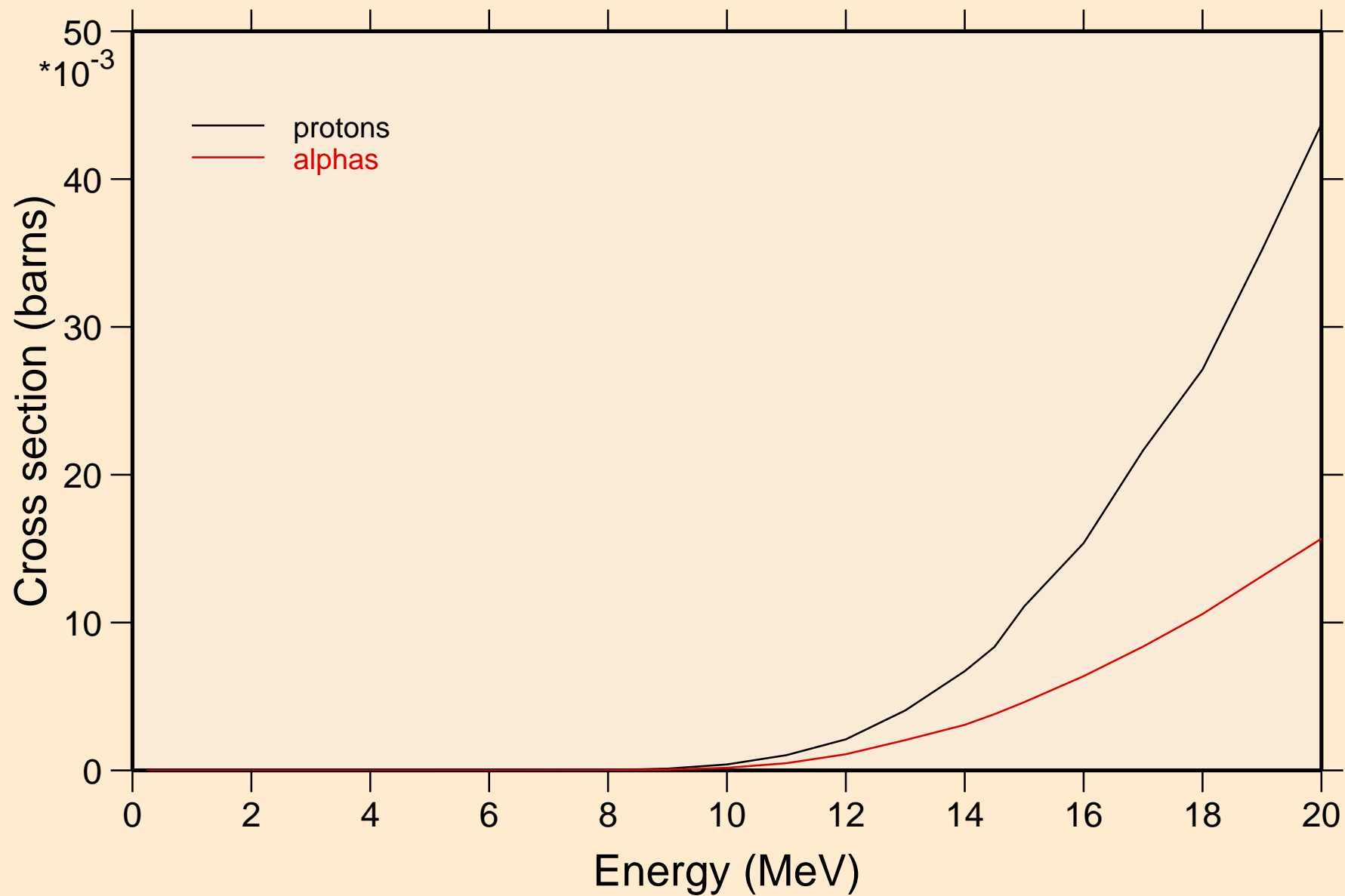
# ENDF/B-VII SM-153

## Recoil Heating



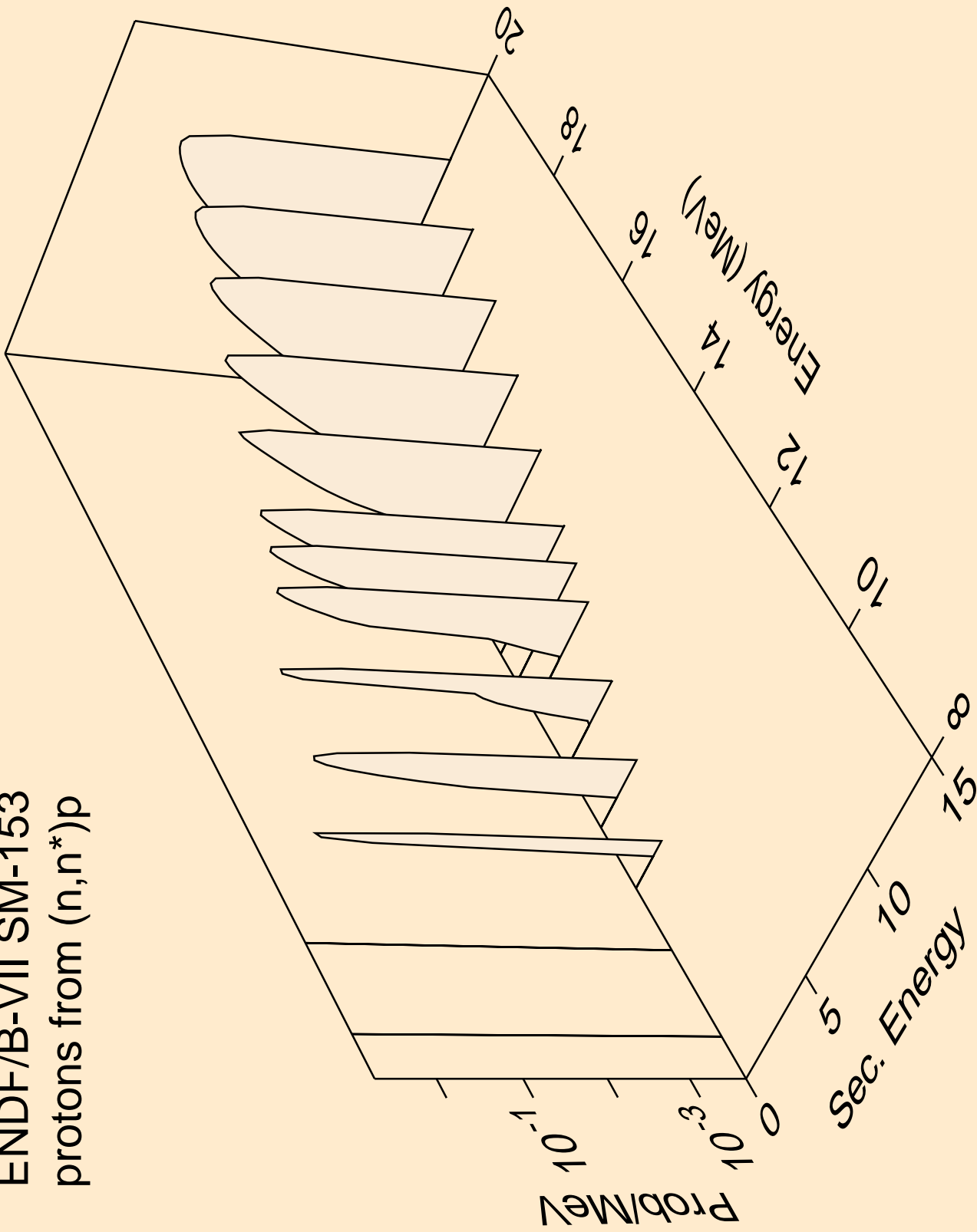
# ENDF/B-VII SM-153

## Particle production cross sections

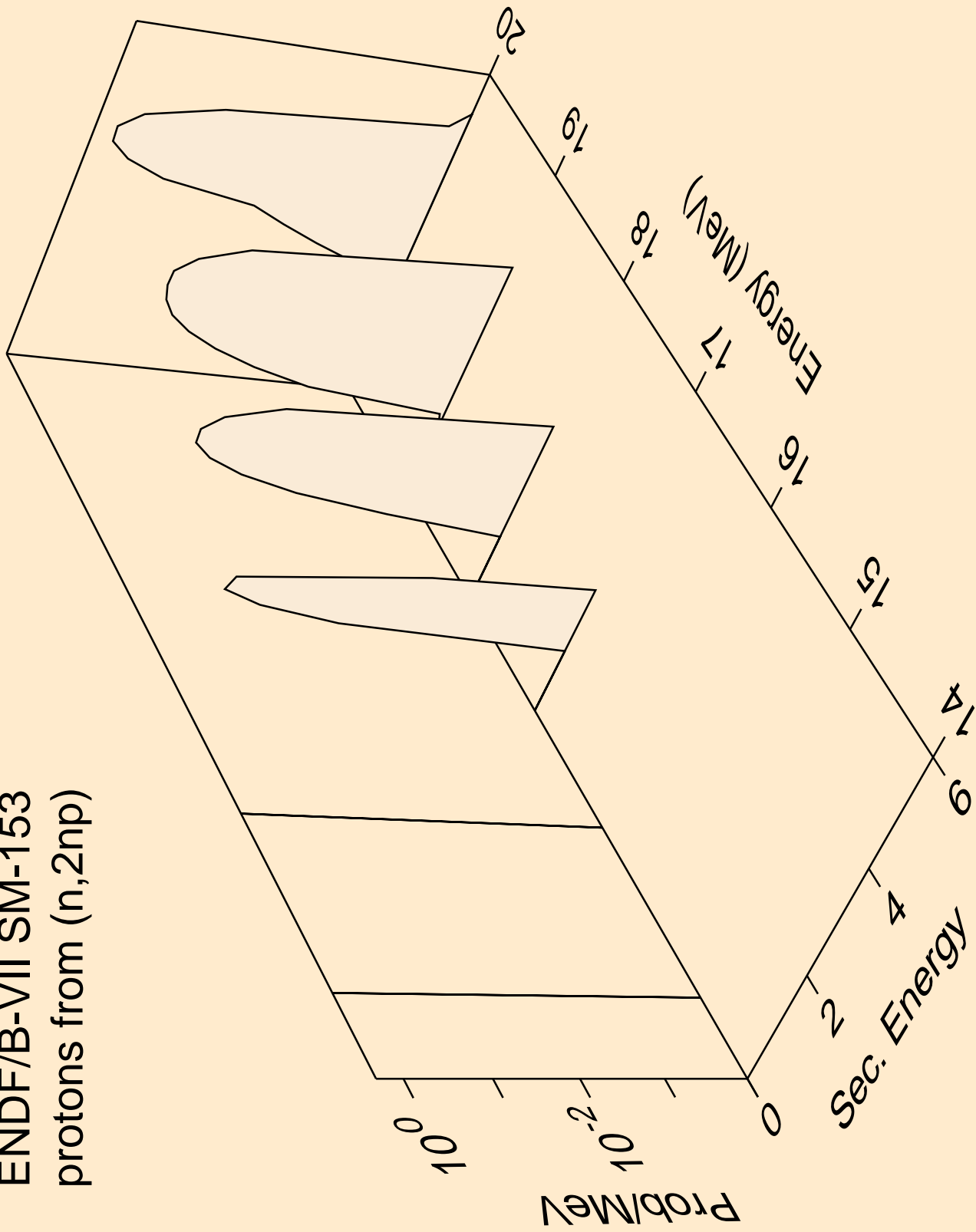




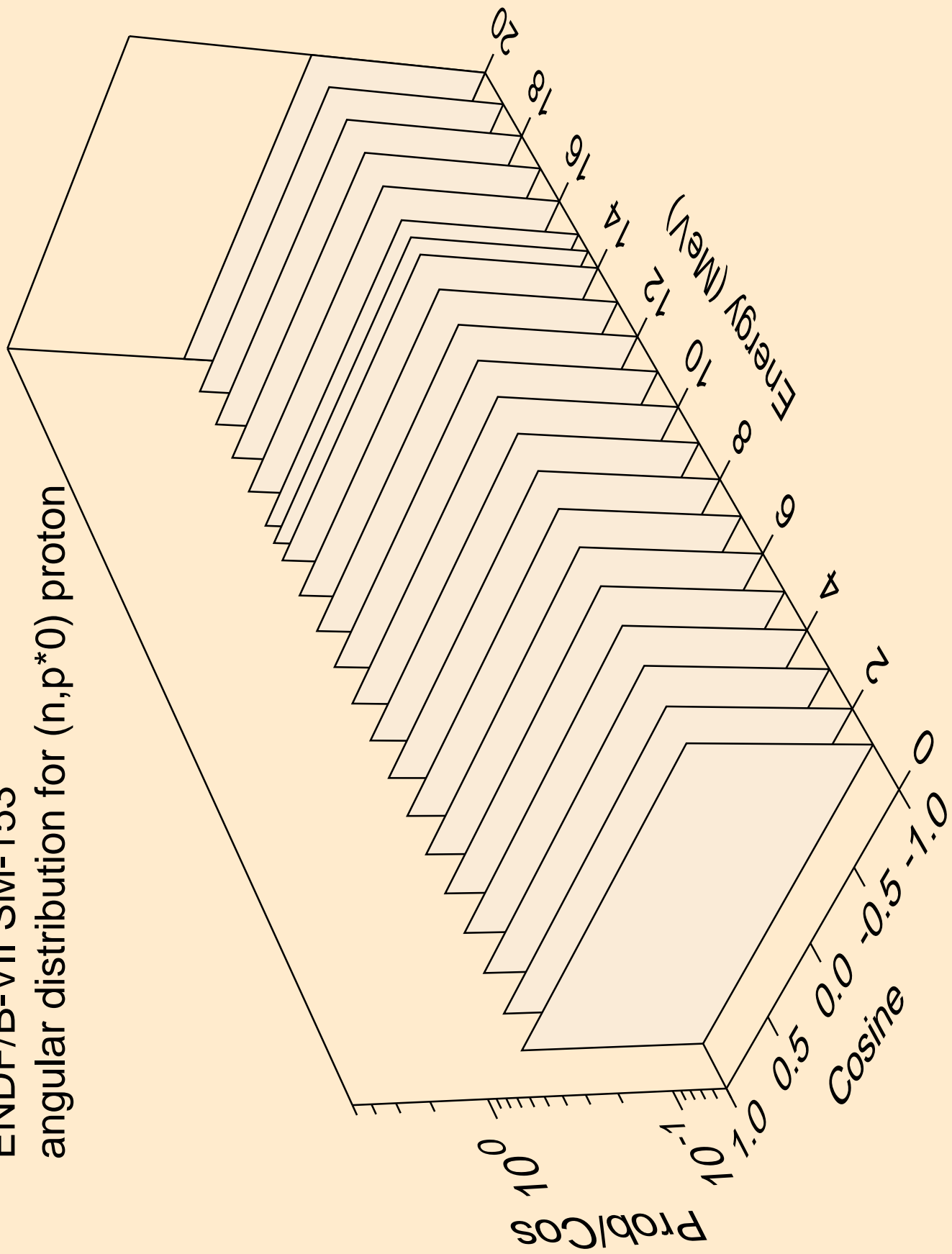
ENDF/B-VII SM-153  
protons from (n,n\*)p



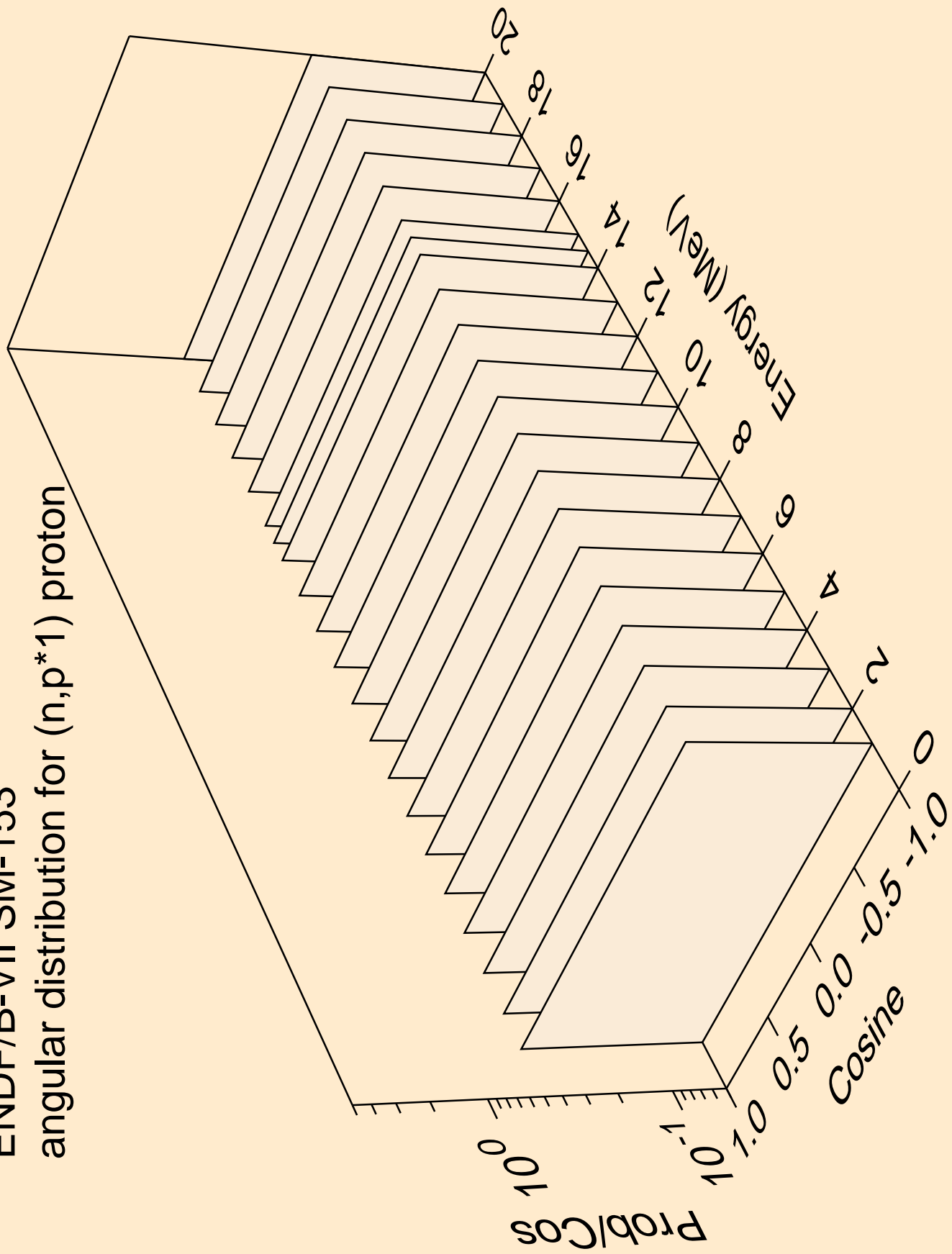
ENDF/B-VII SM-153  
protons from (n,2np)



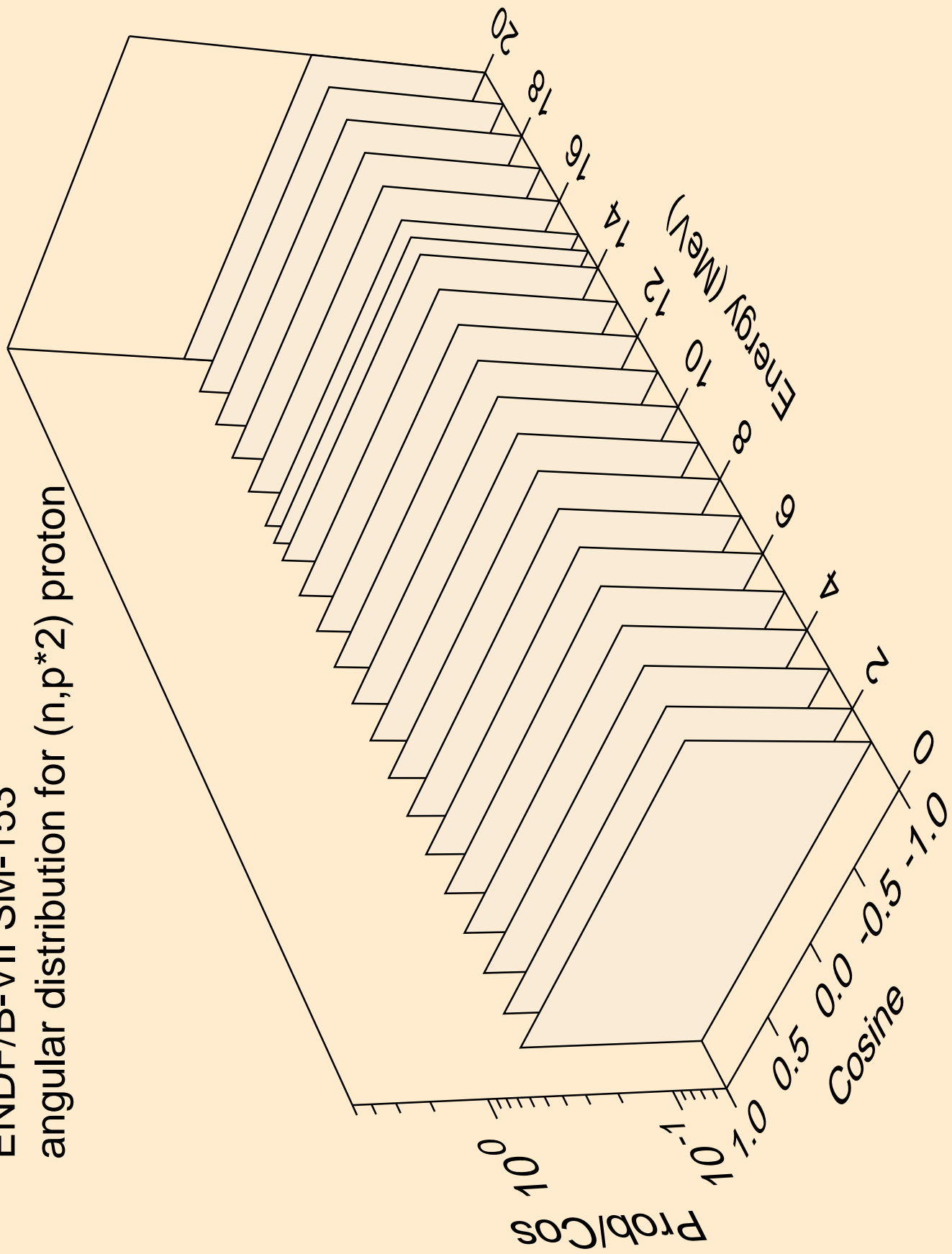
ENDF/B-VII SM-153  
angular distribution for (n,p\*0) proton



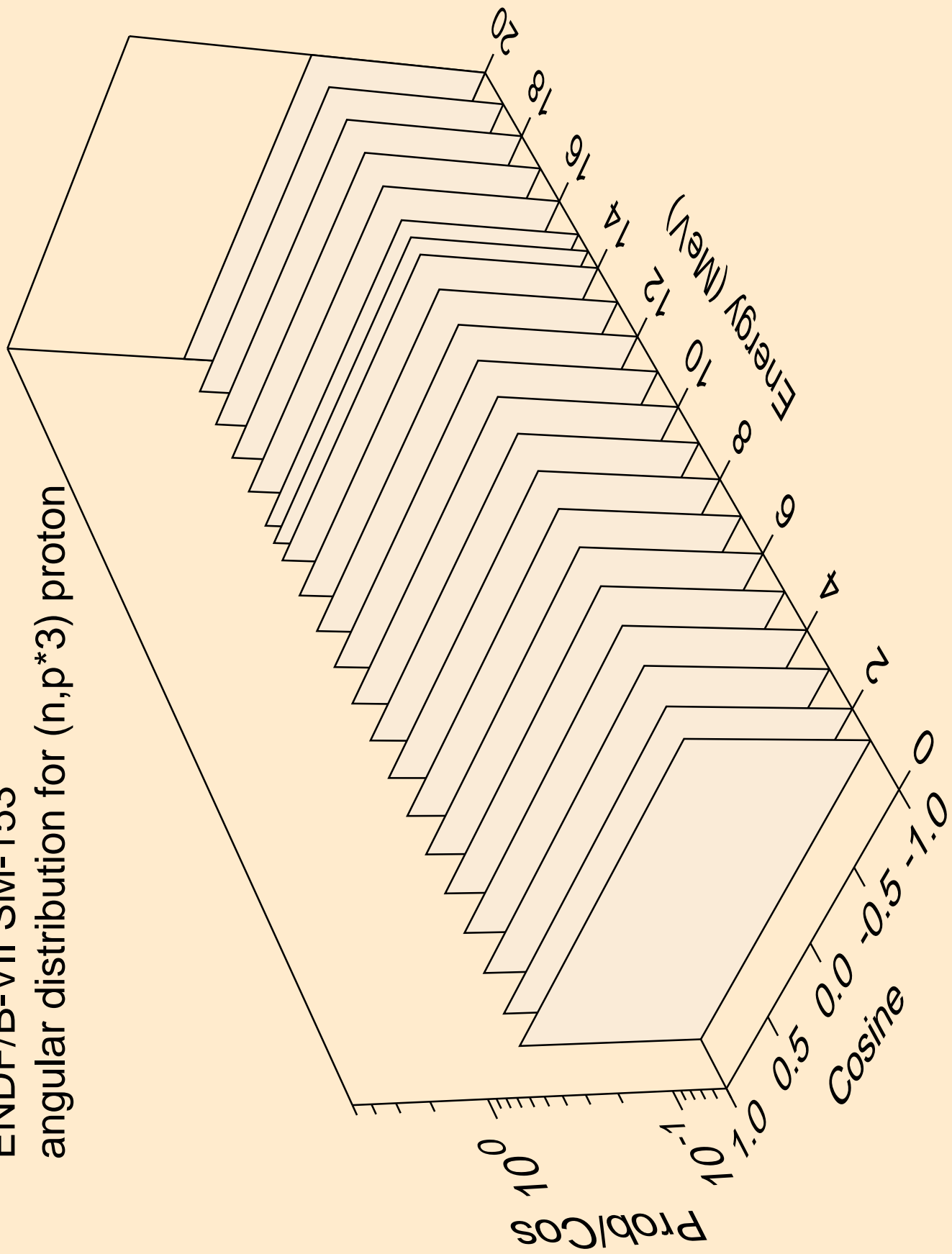
ENDF/B-VII SM-153  
angular distribution for (n,p\*1) proton



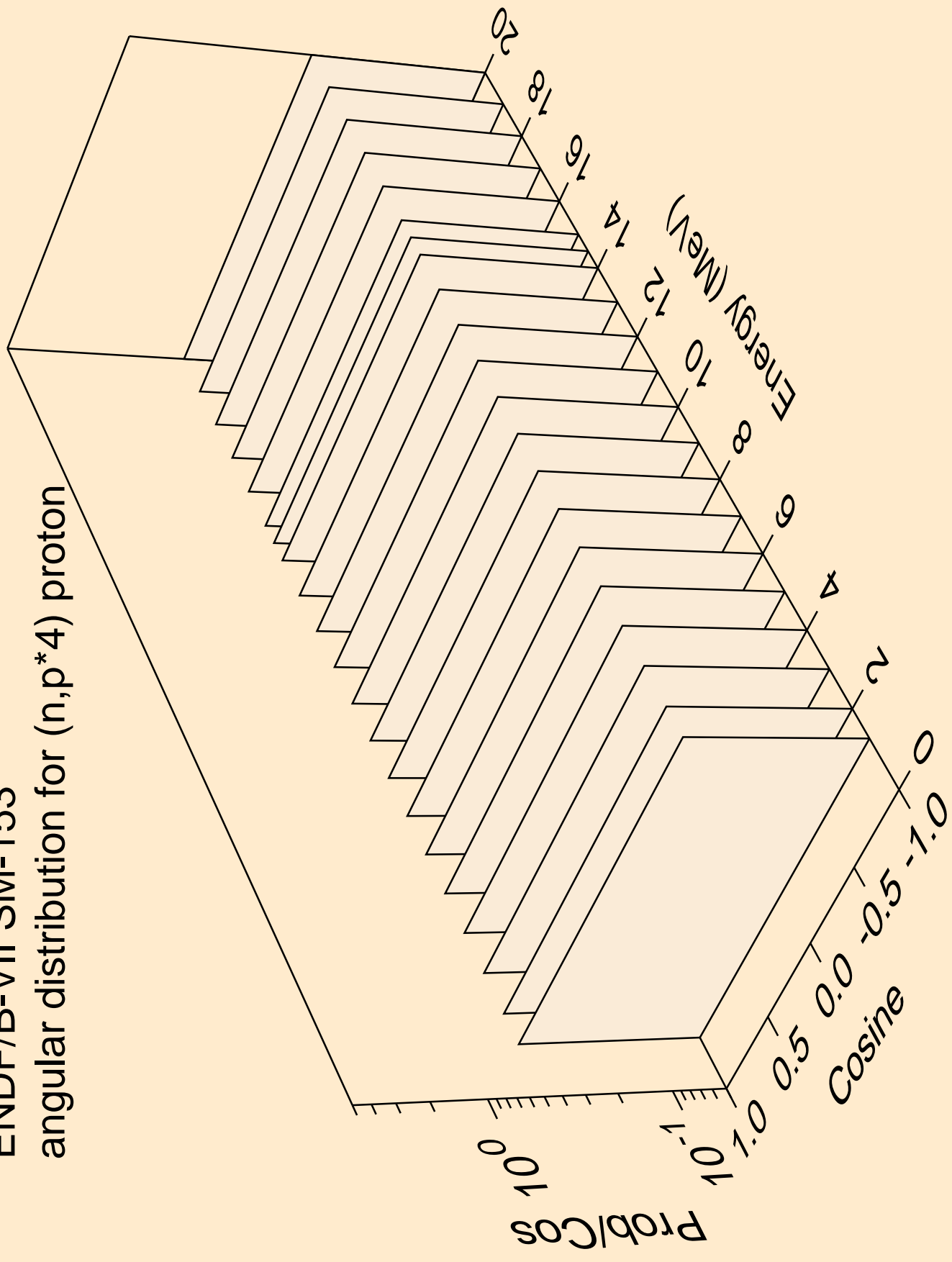
ENDF/B-VII SM-153  
angular distribution for (n,p\*2) proton



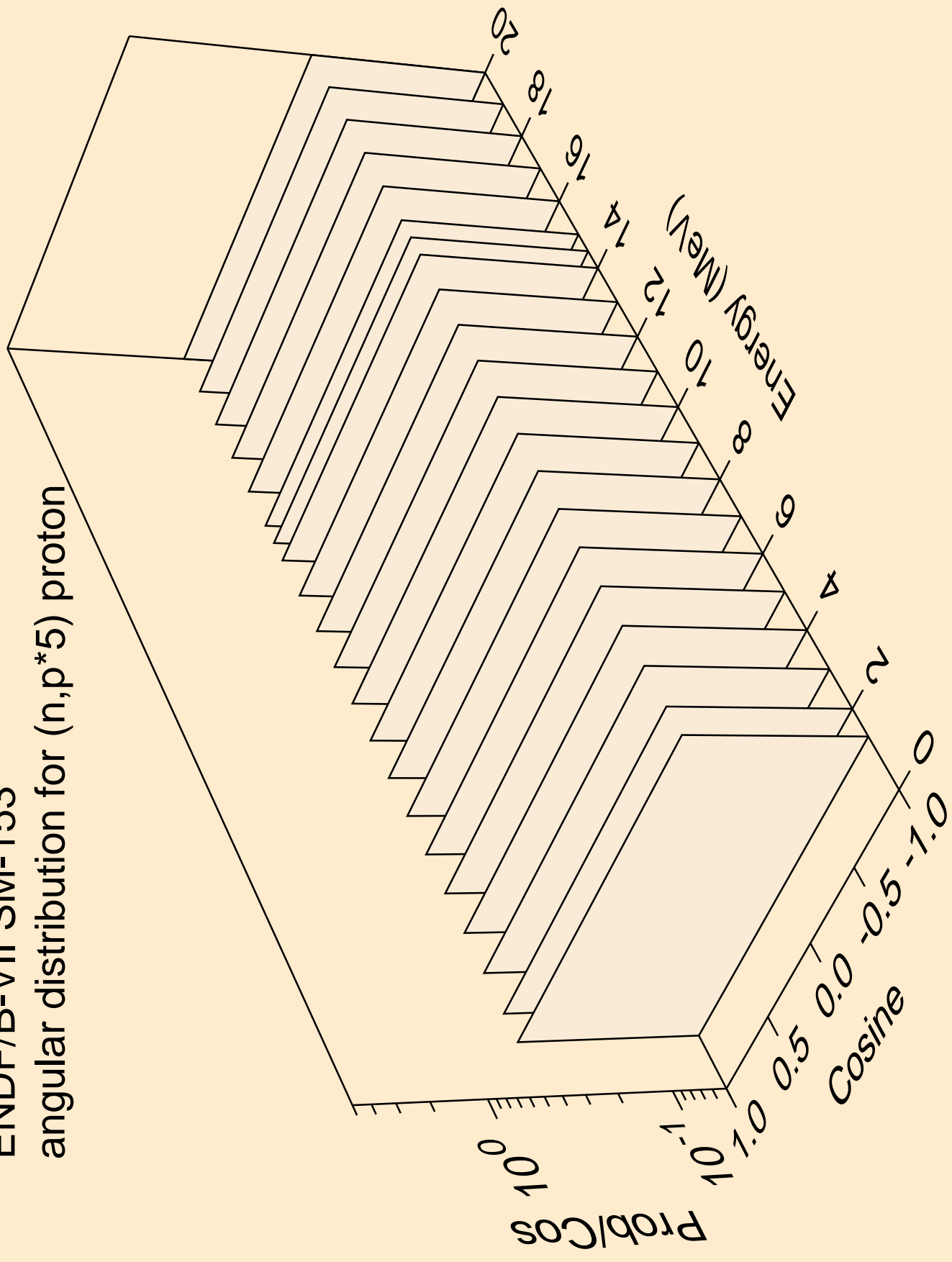
ENDF/B-VII SM-153  
angular distribution for (n,p\*3) proton



ENDF/B-VII SM-153  
angular distribution for (n,p\*4) proton

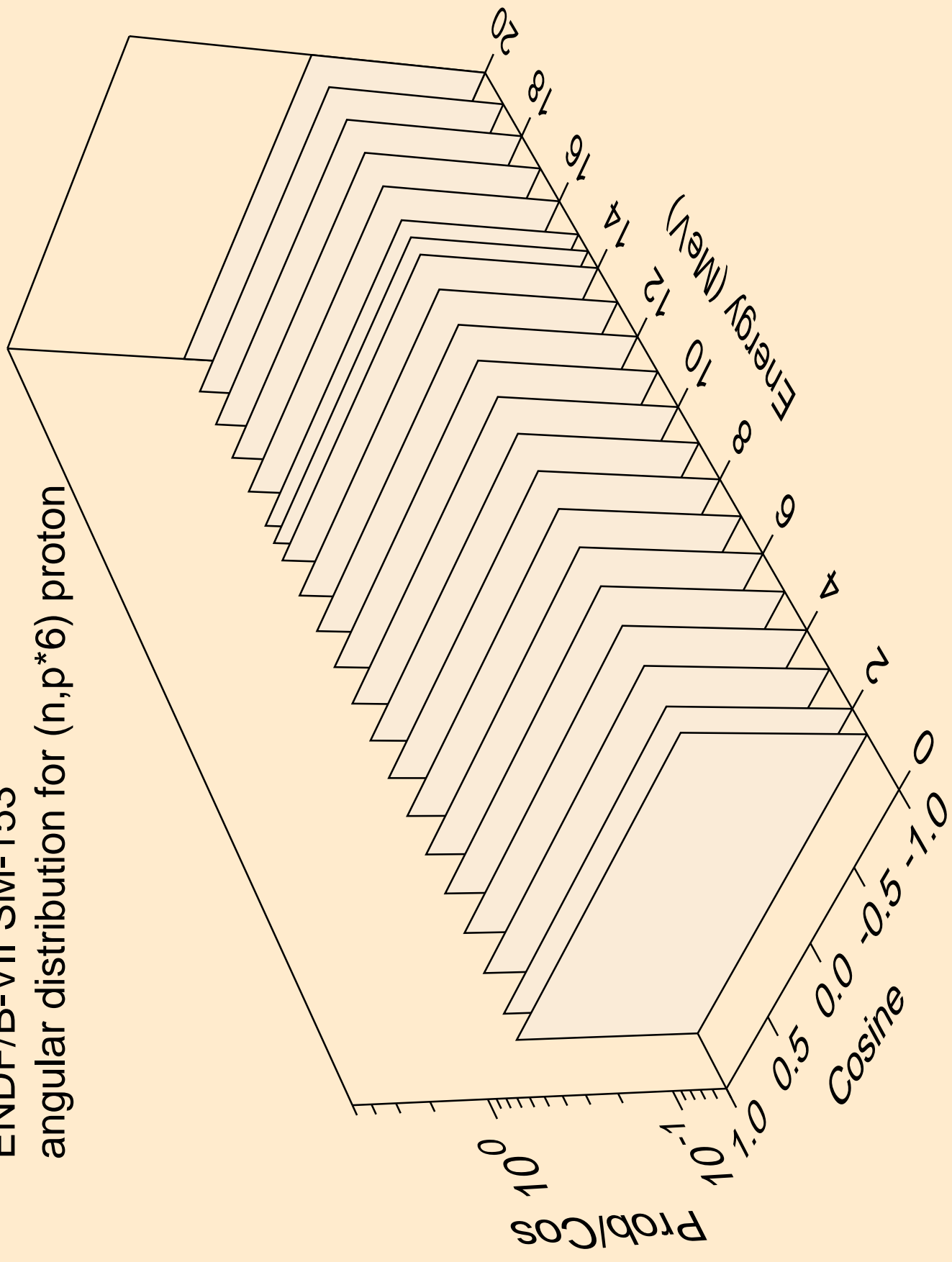


ENDF/B-VII SM-153  
angular distribution for (n,p\*5) proton

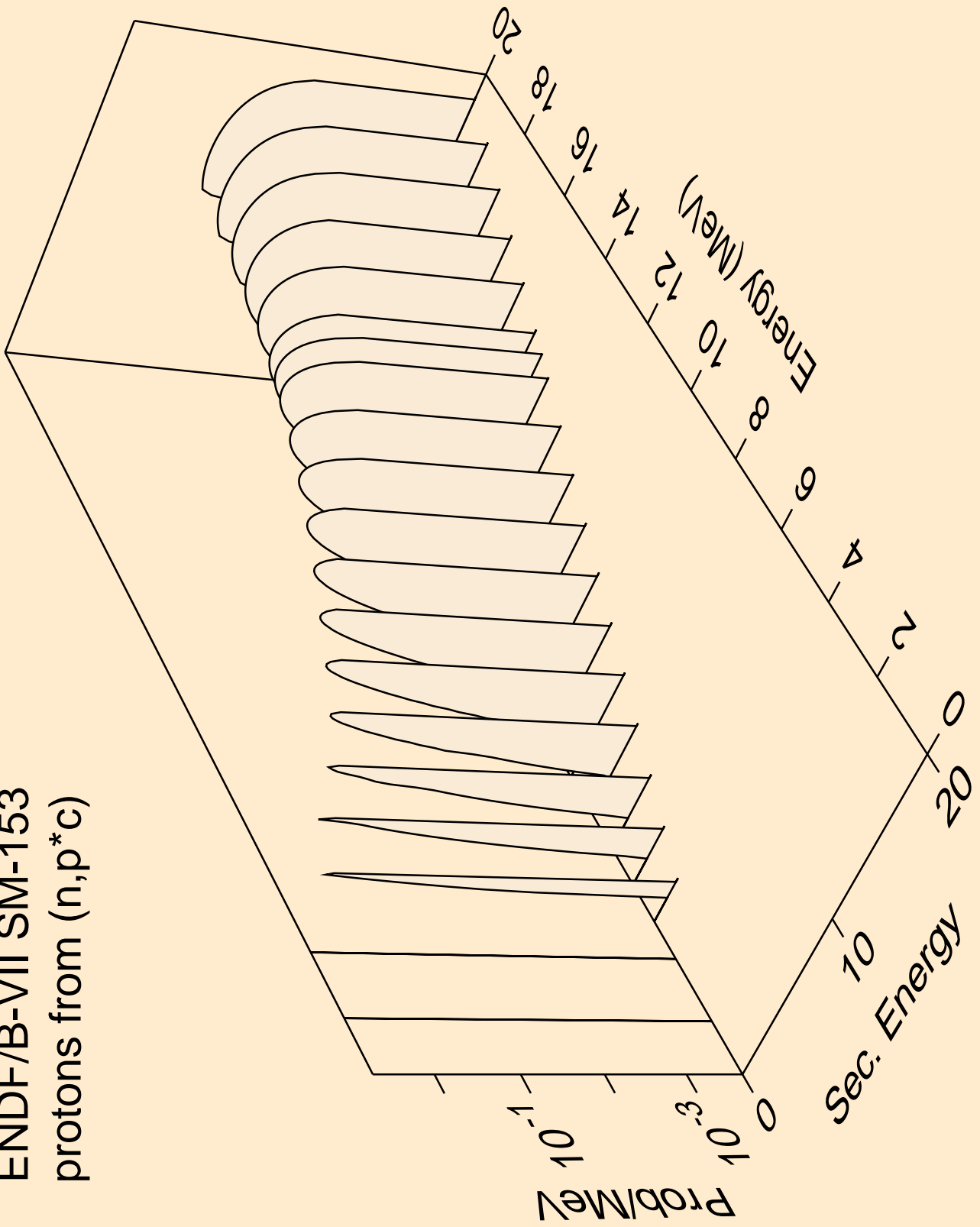




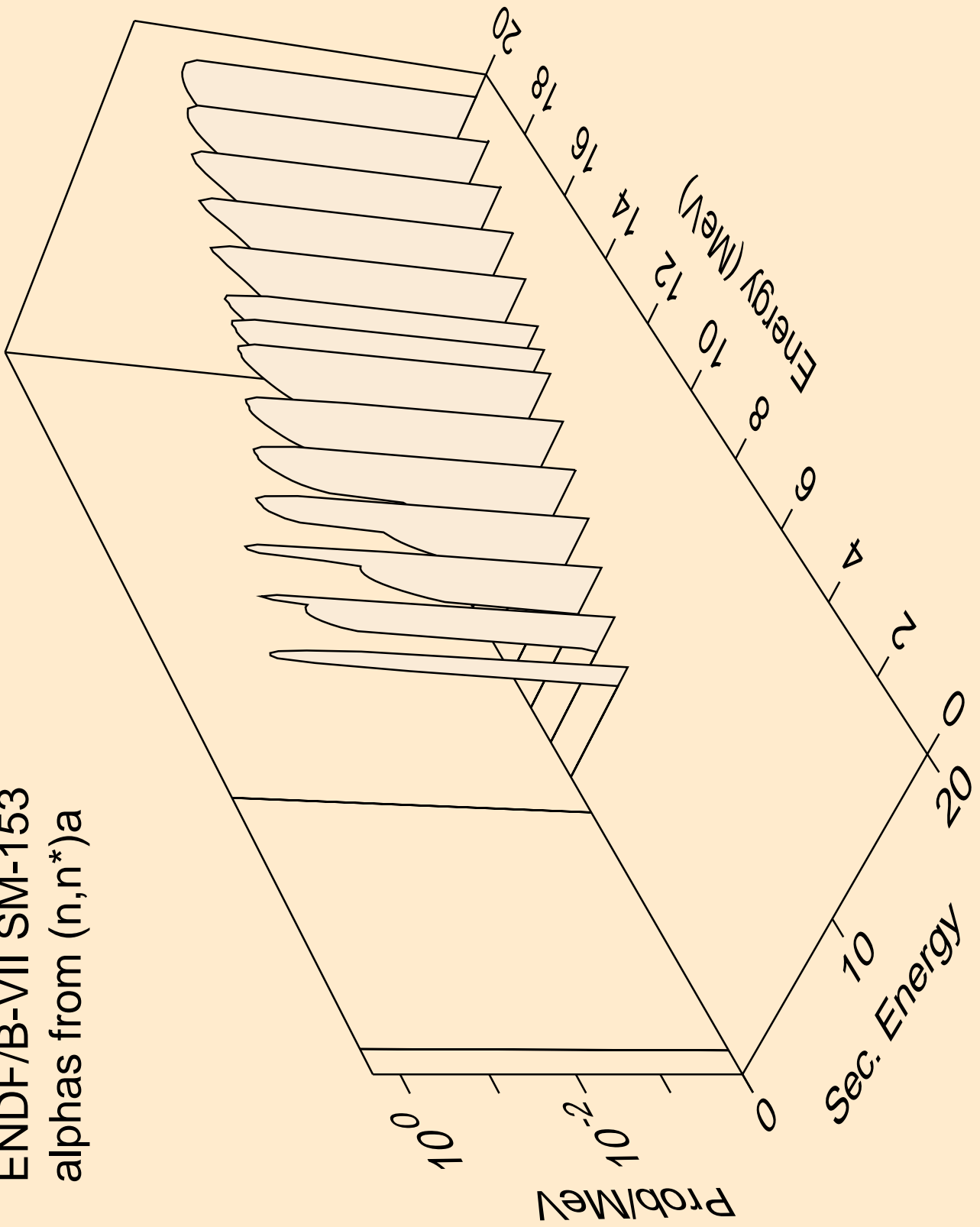
ENDF/B-VII SM-153  
angular distribution for (n,p\*6) proton



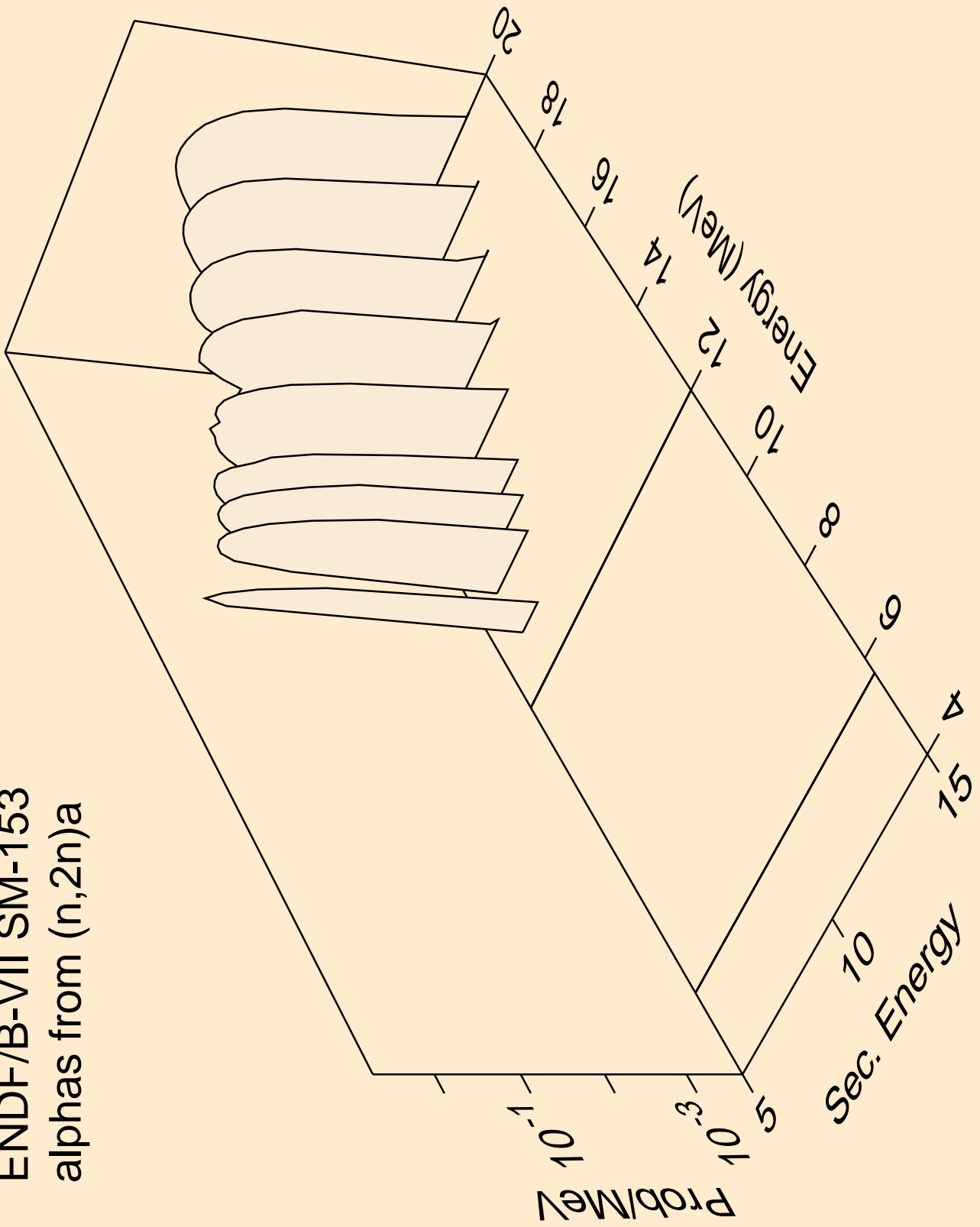
ENDF/B-VII SM-153  
protons from (n,p\*c)



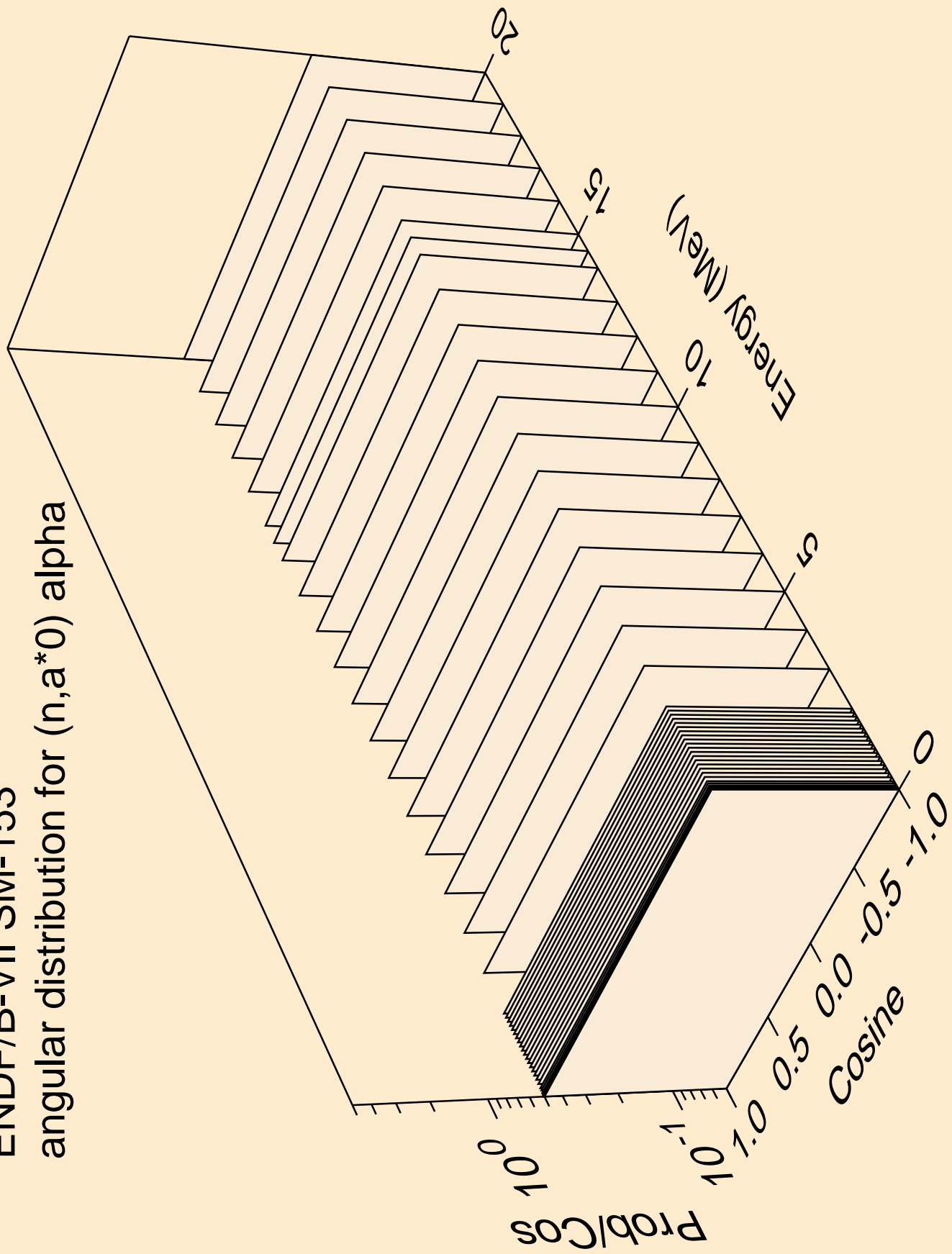
ENDF/B-VII SM-153  
alphas from (n,n\*)a



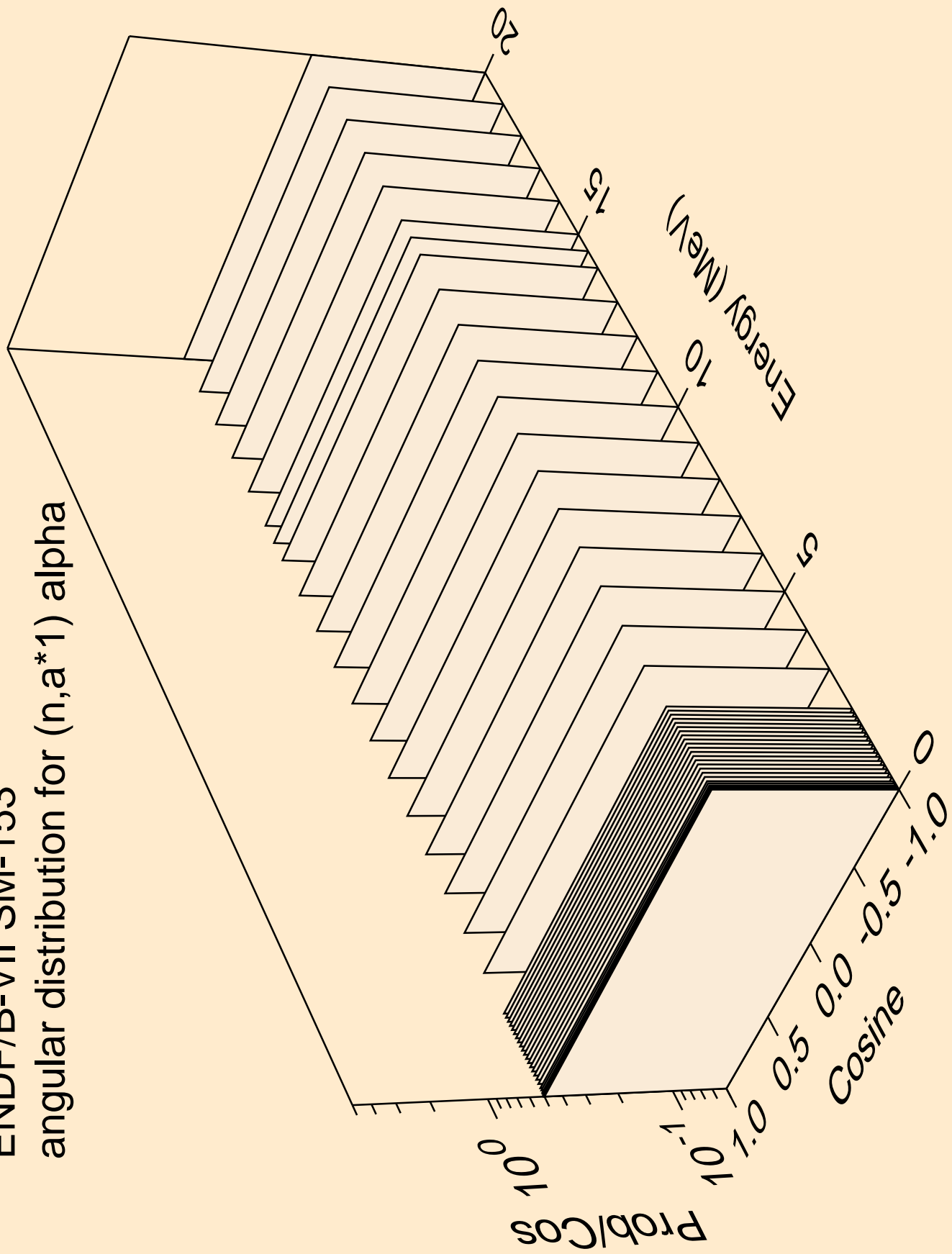
ENDF/B-VII SM-153  
alphas from (n,2n)a



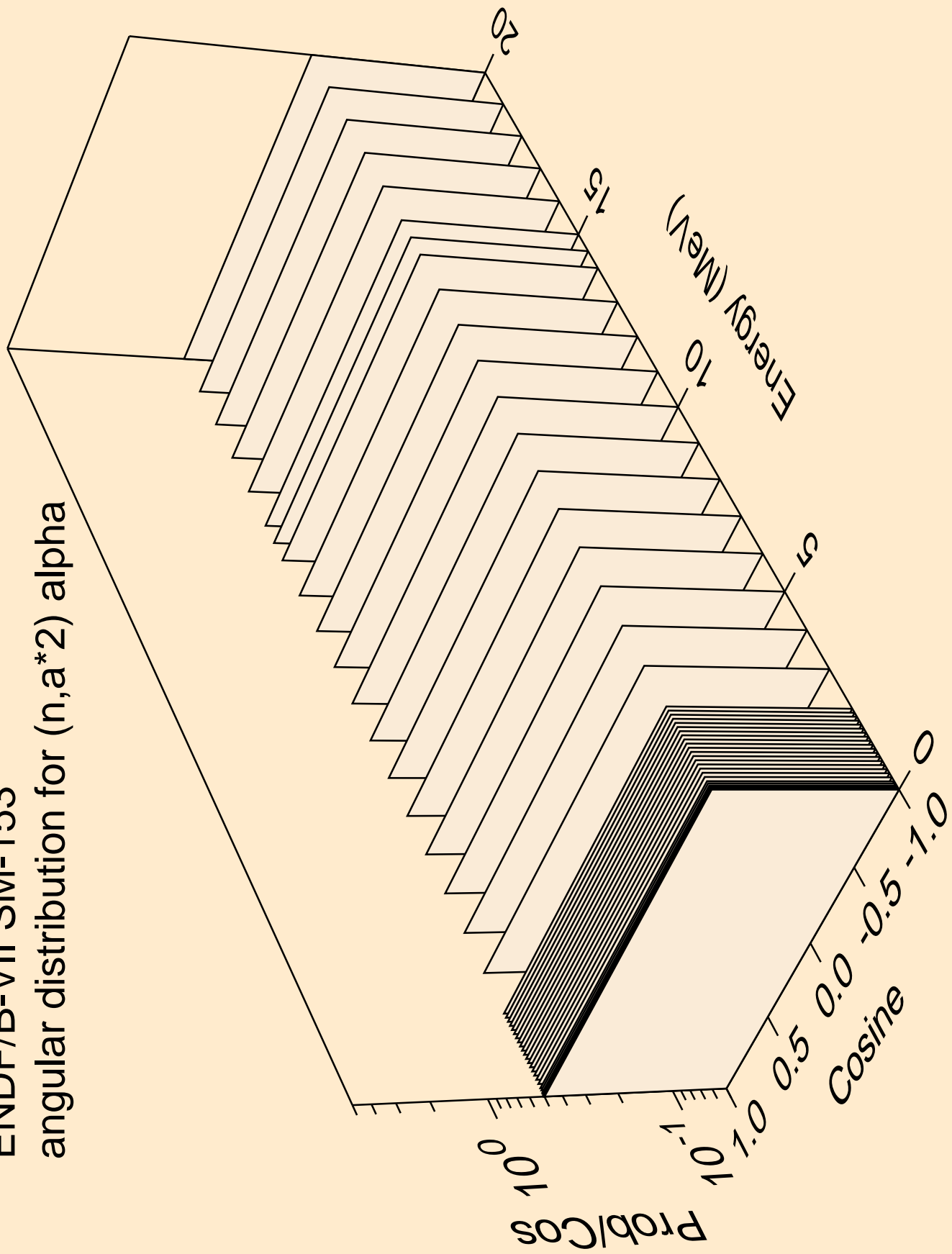
ENDF/B-VII SM-153  
angular distribution for (n,a\*0) alpha



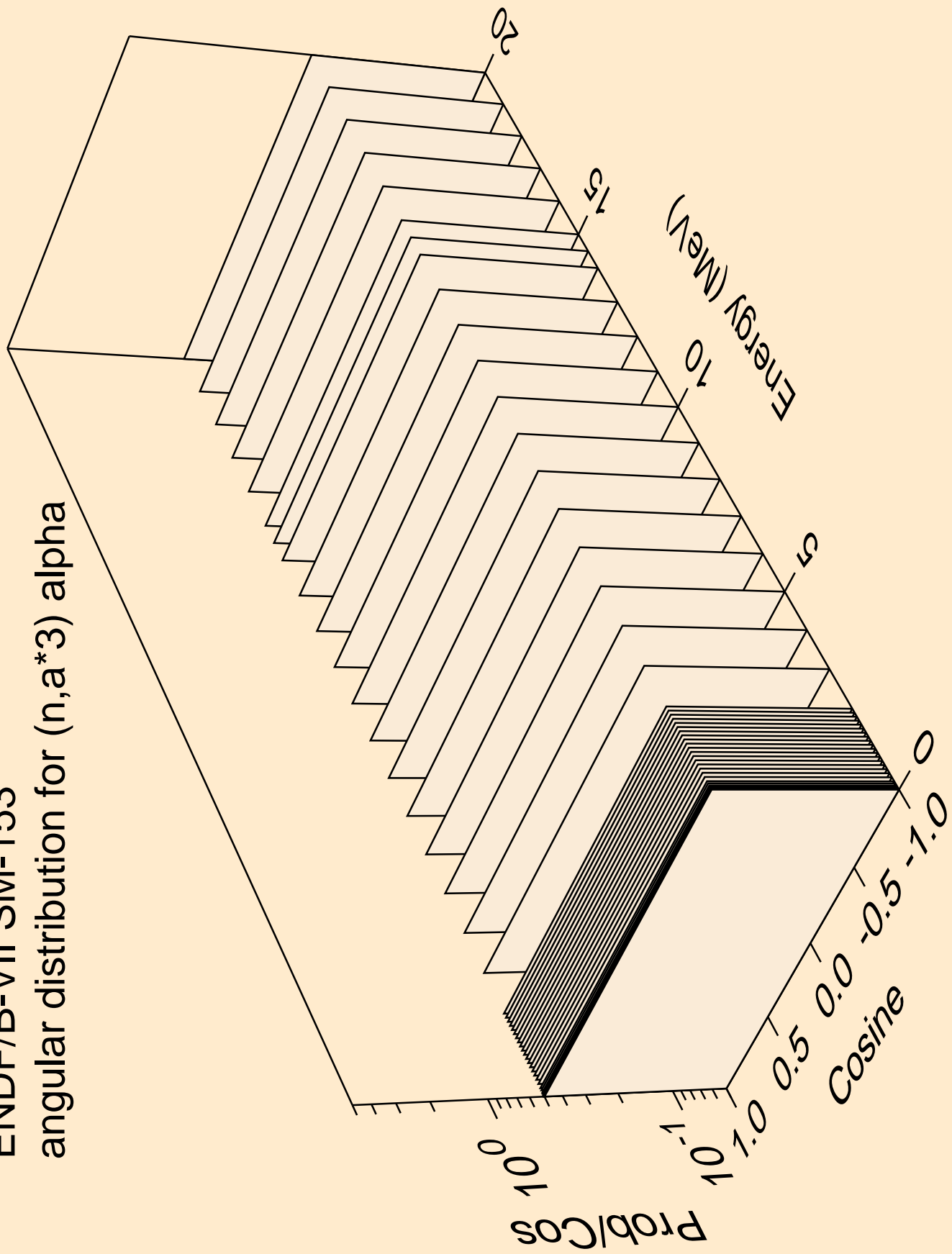
ENDF/B-VII SM-153  
angular distribution for (n,a\*1) alpha



ENDF/B-VII SM-153  
angular distribution for (n,a\*2) alpha

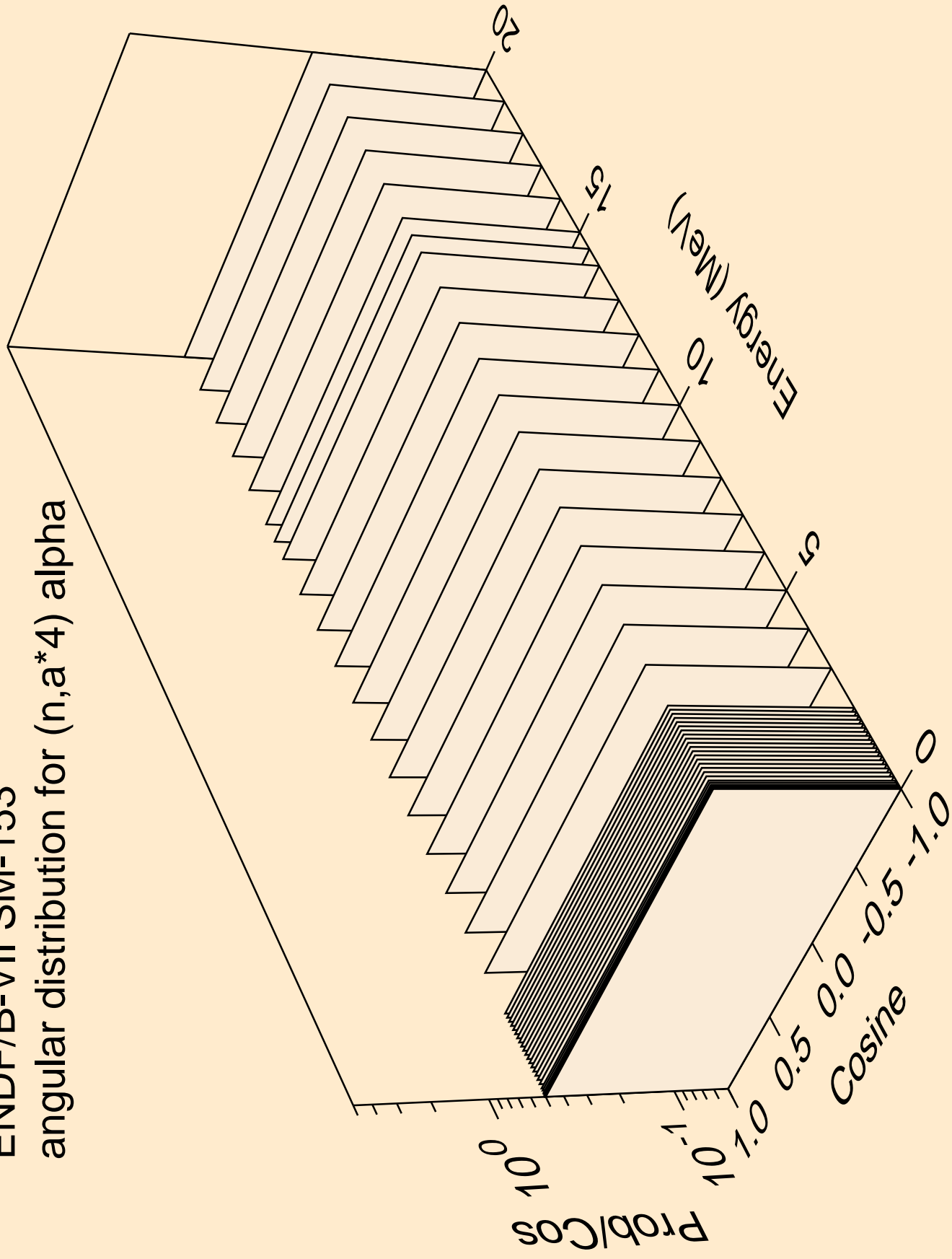


ENDF/B-VII SM-153  
angular distribution for (n,a\*3) alpha

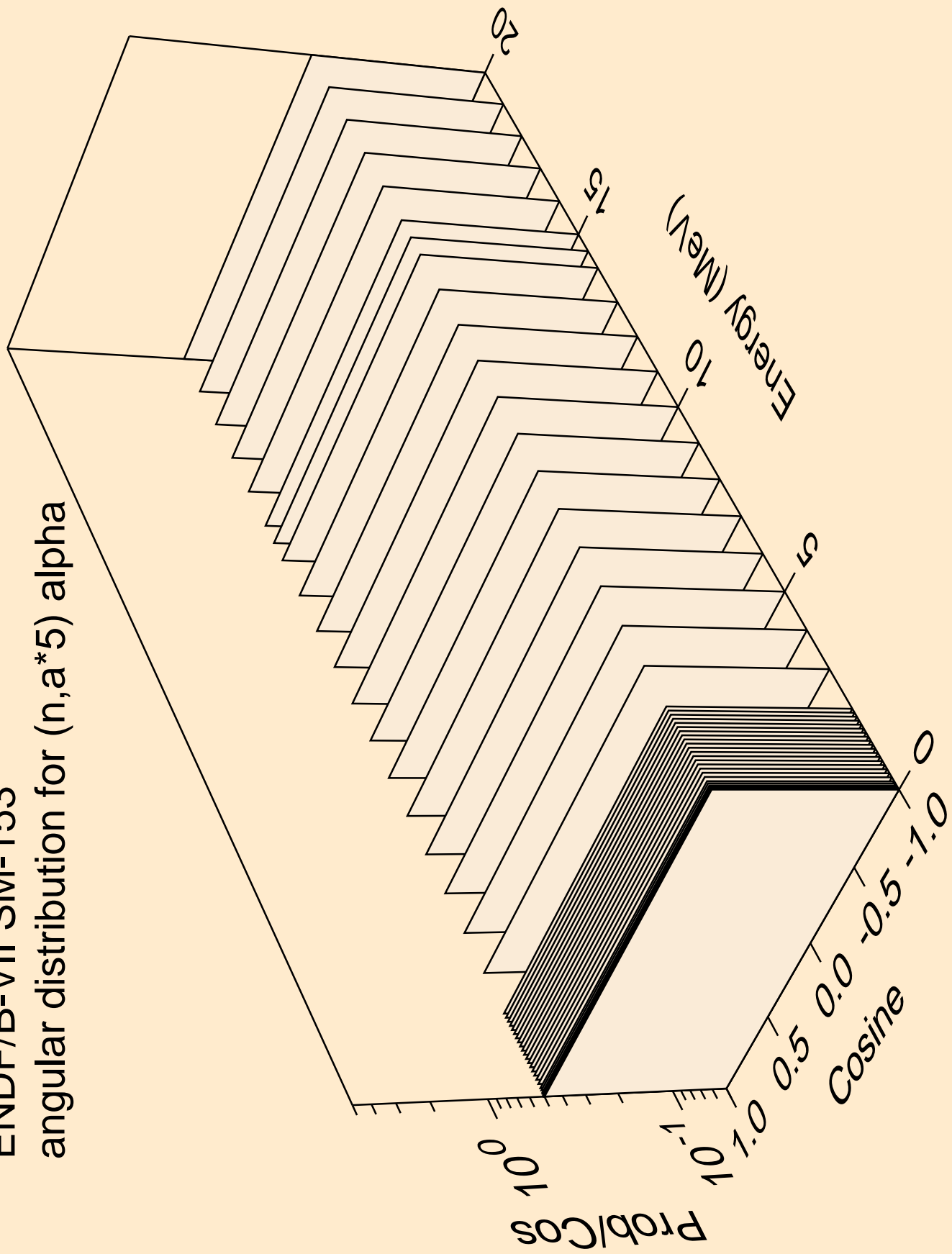




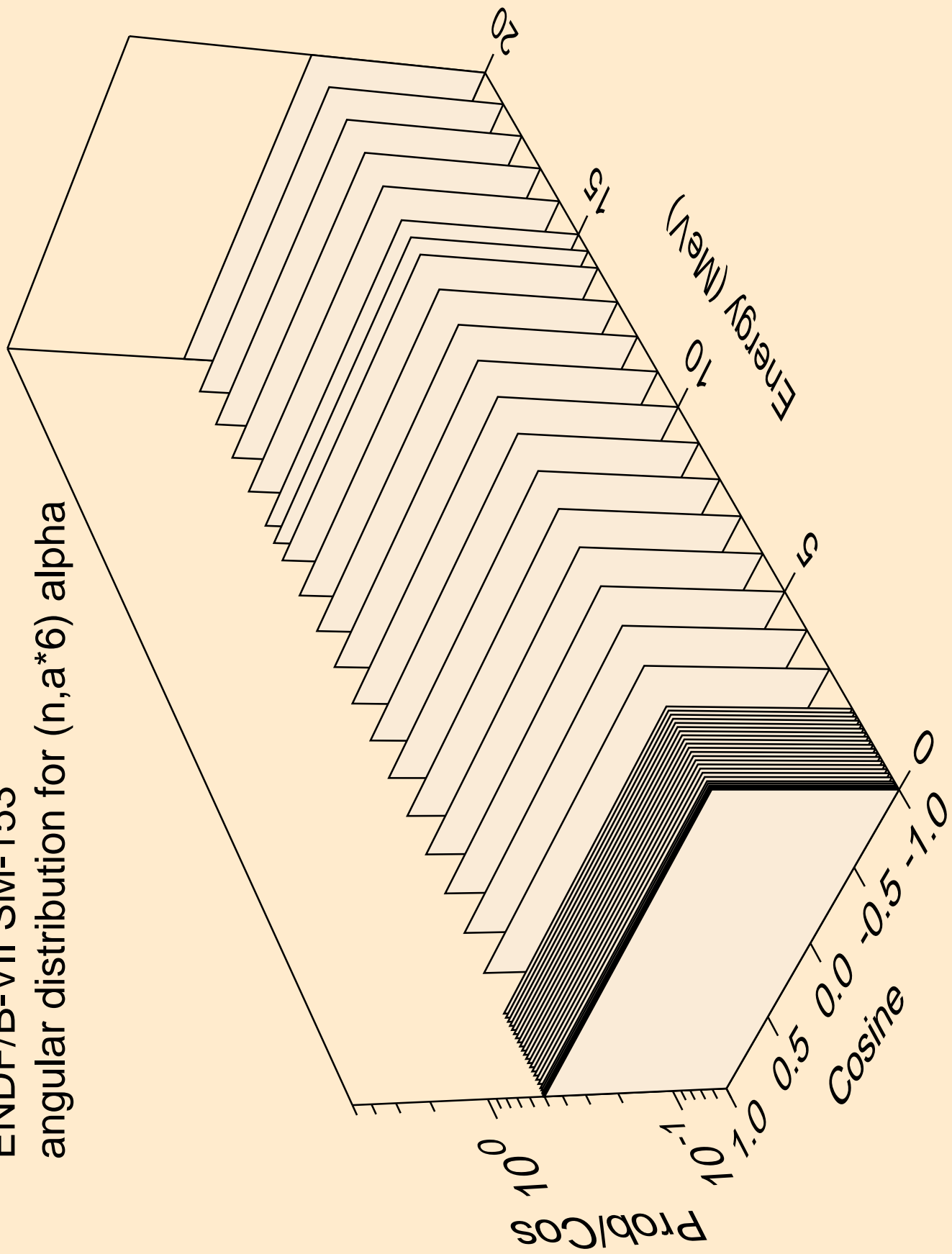
ENDF/B-VII SM-153  
angular distribution for (n,a\*4) alpha



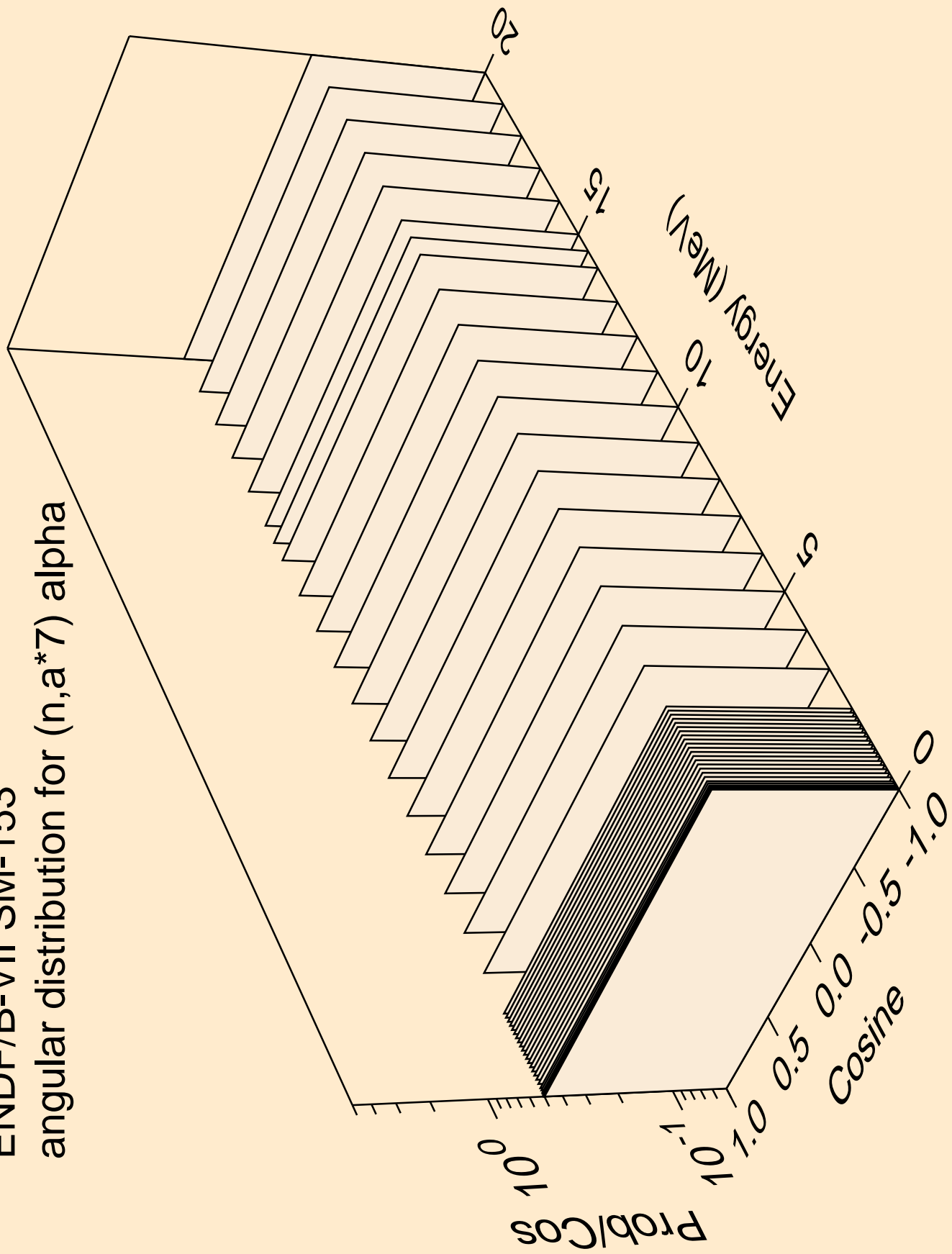
ENDF/B-VII SM-153  
angular distribution for (n,a\*5) alpha



ENDF/B-VII SM-153  
angular distribution for (n,a\*6) alpha



ENDF/B-VII SM-153  
angular distribution for (n,a\*7) alpha



ENDF/B-VII SM-153  
alphas from (n,a\*c)

