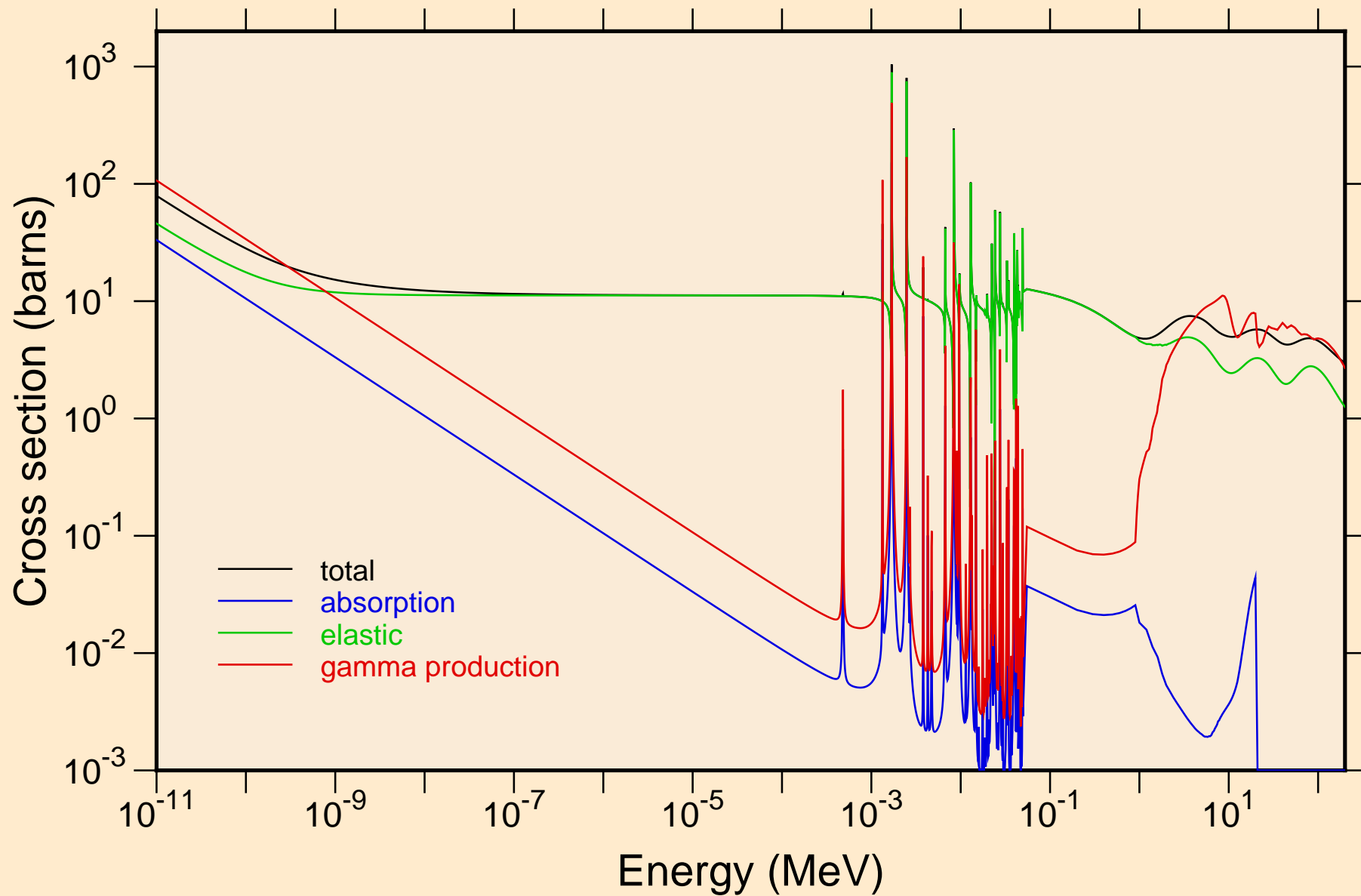
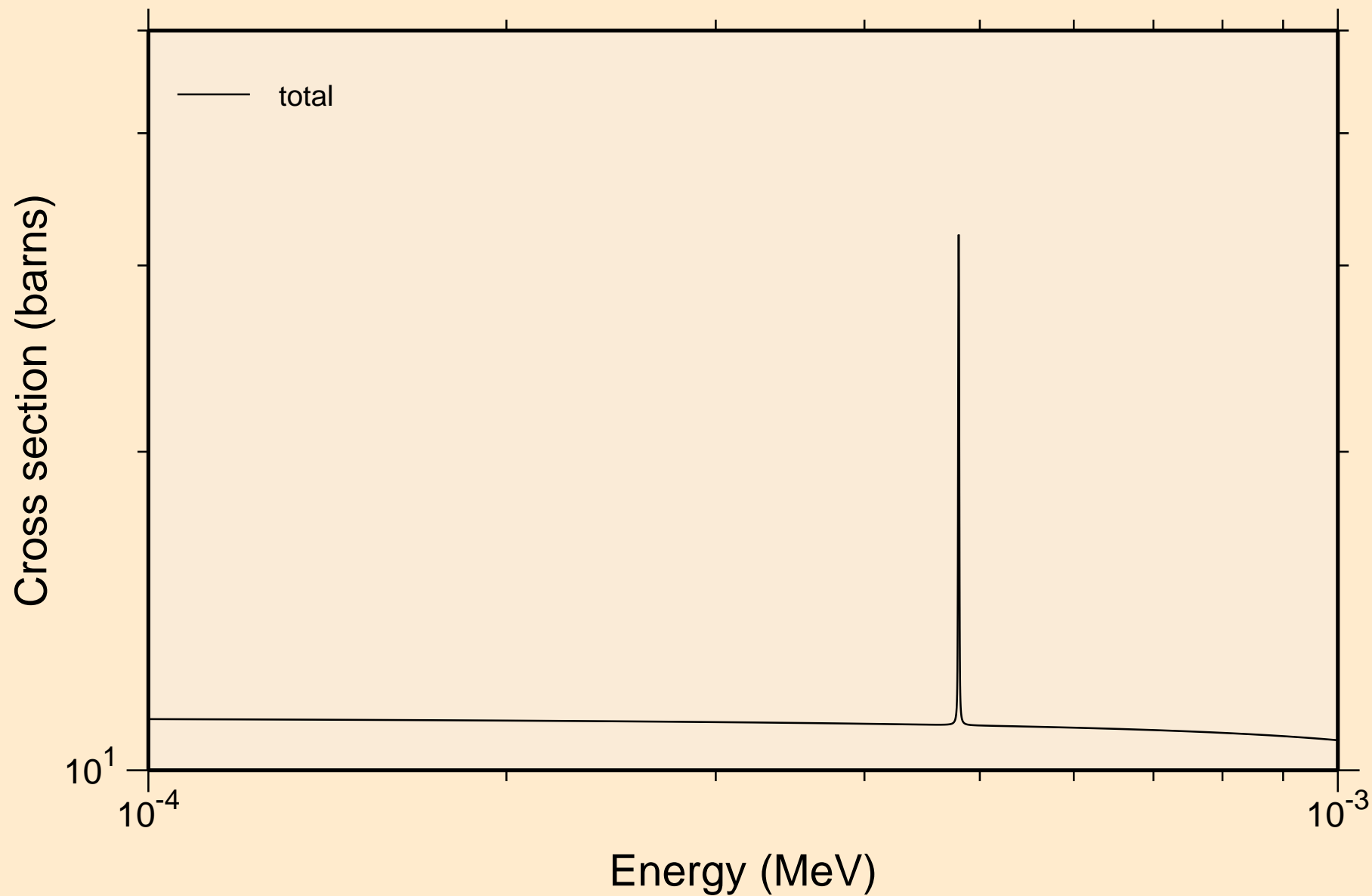


# ENDF/B-VII.1 PB-204

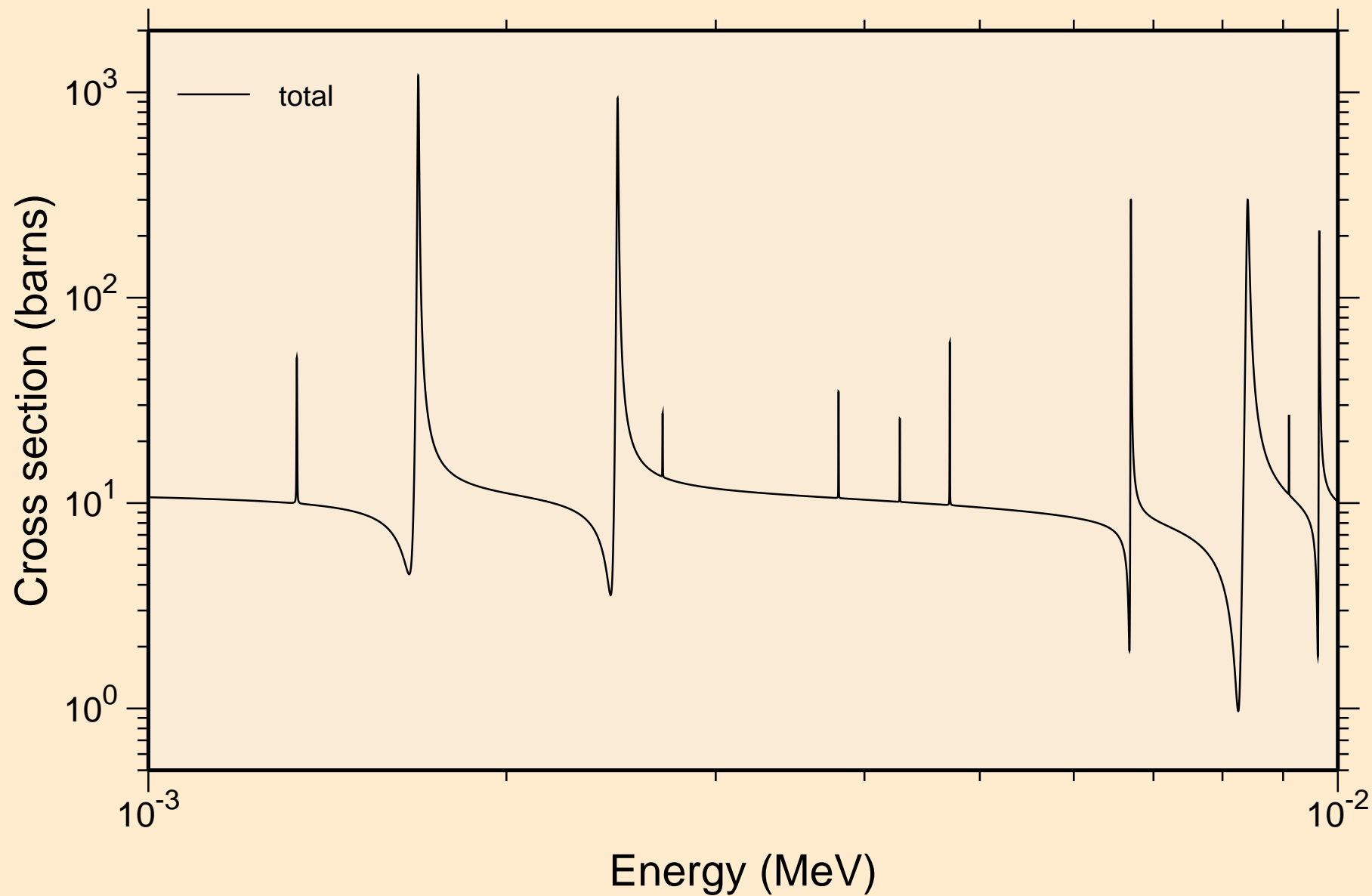
## Principal cross sections



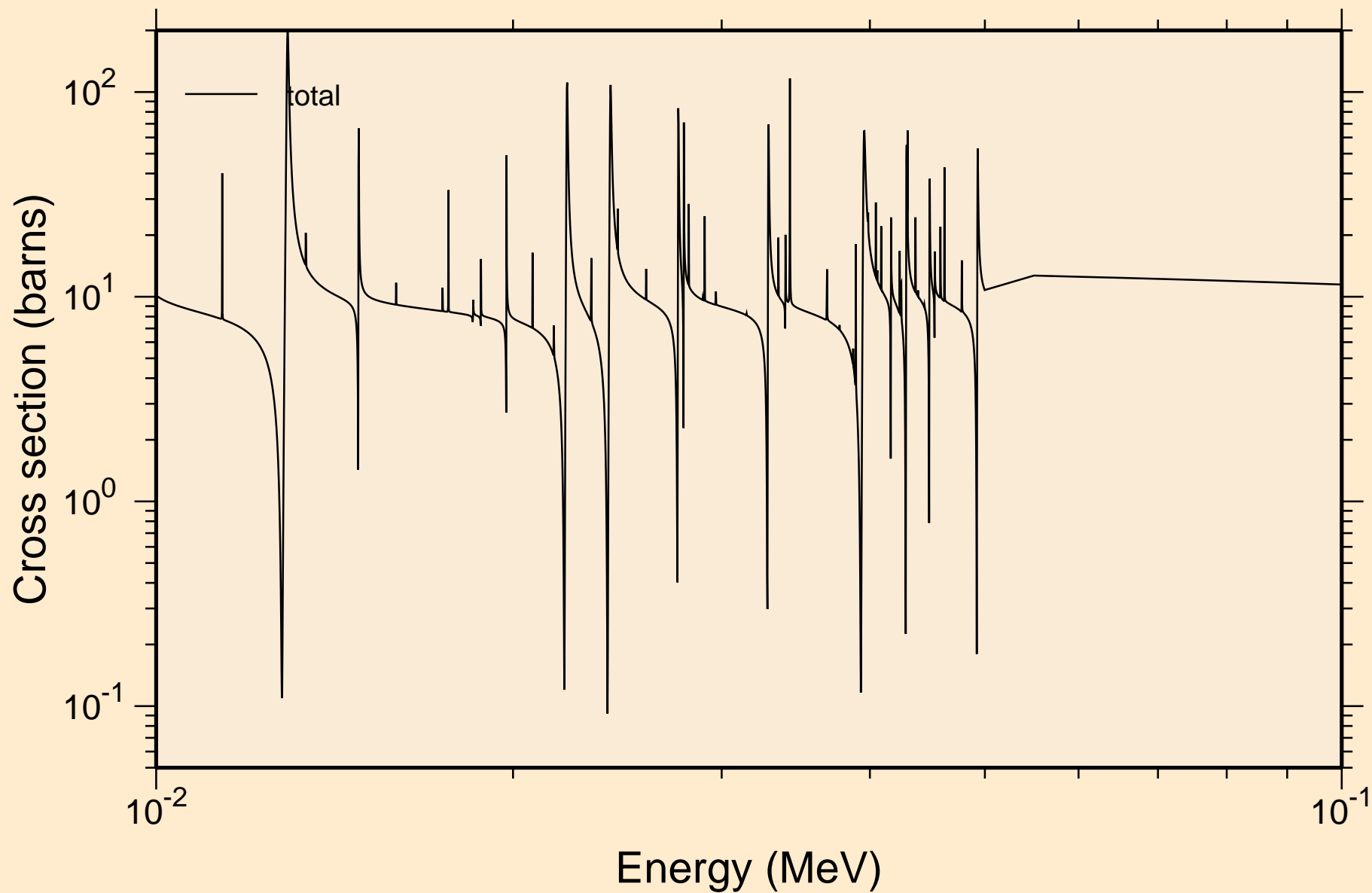
ENDF/B-VII.1 PB-204  
resonance total cross section



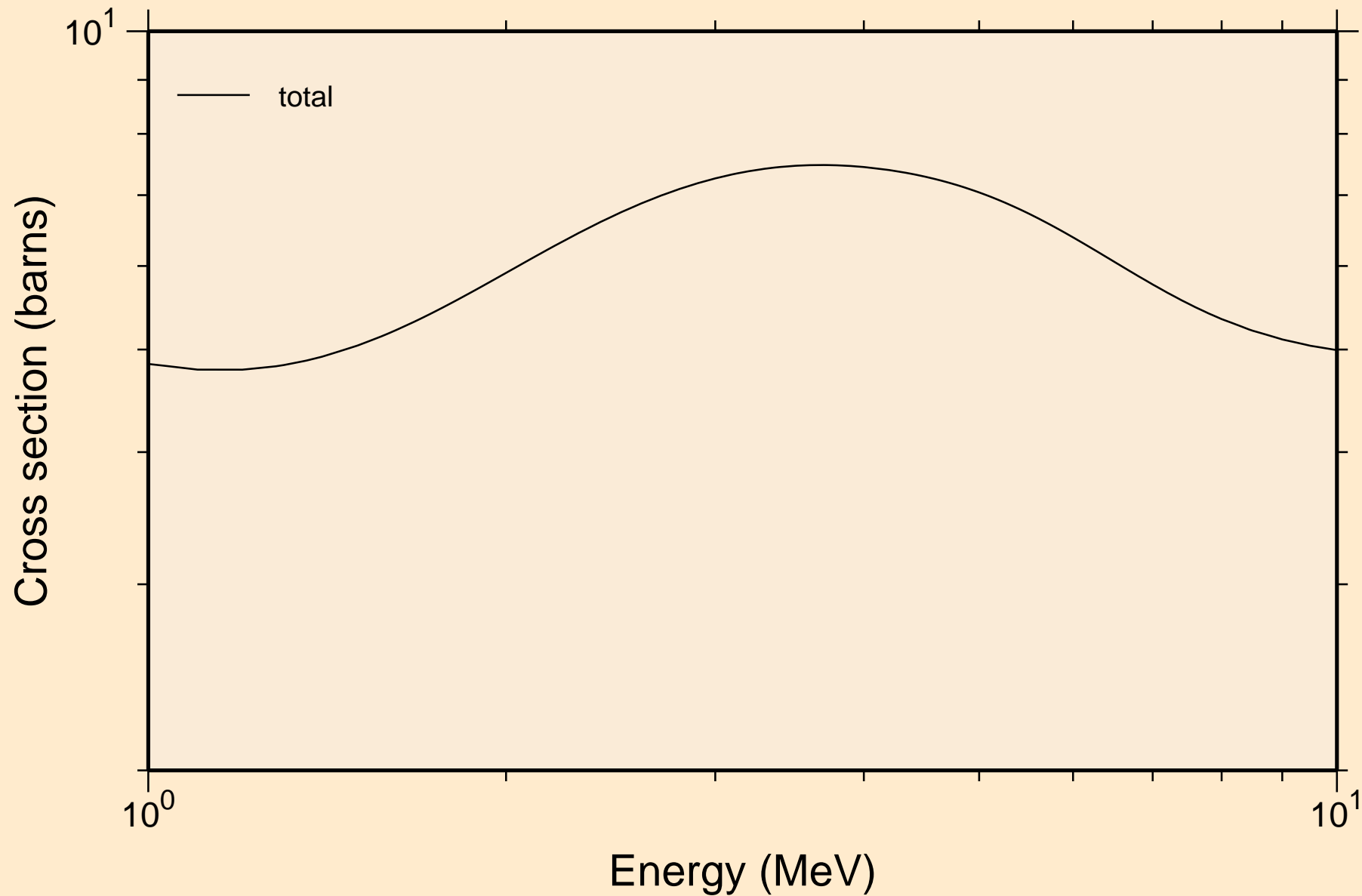
ENDF/B-VII.1 PB-204  
resonance total cross section



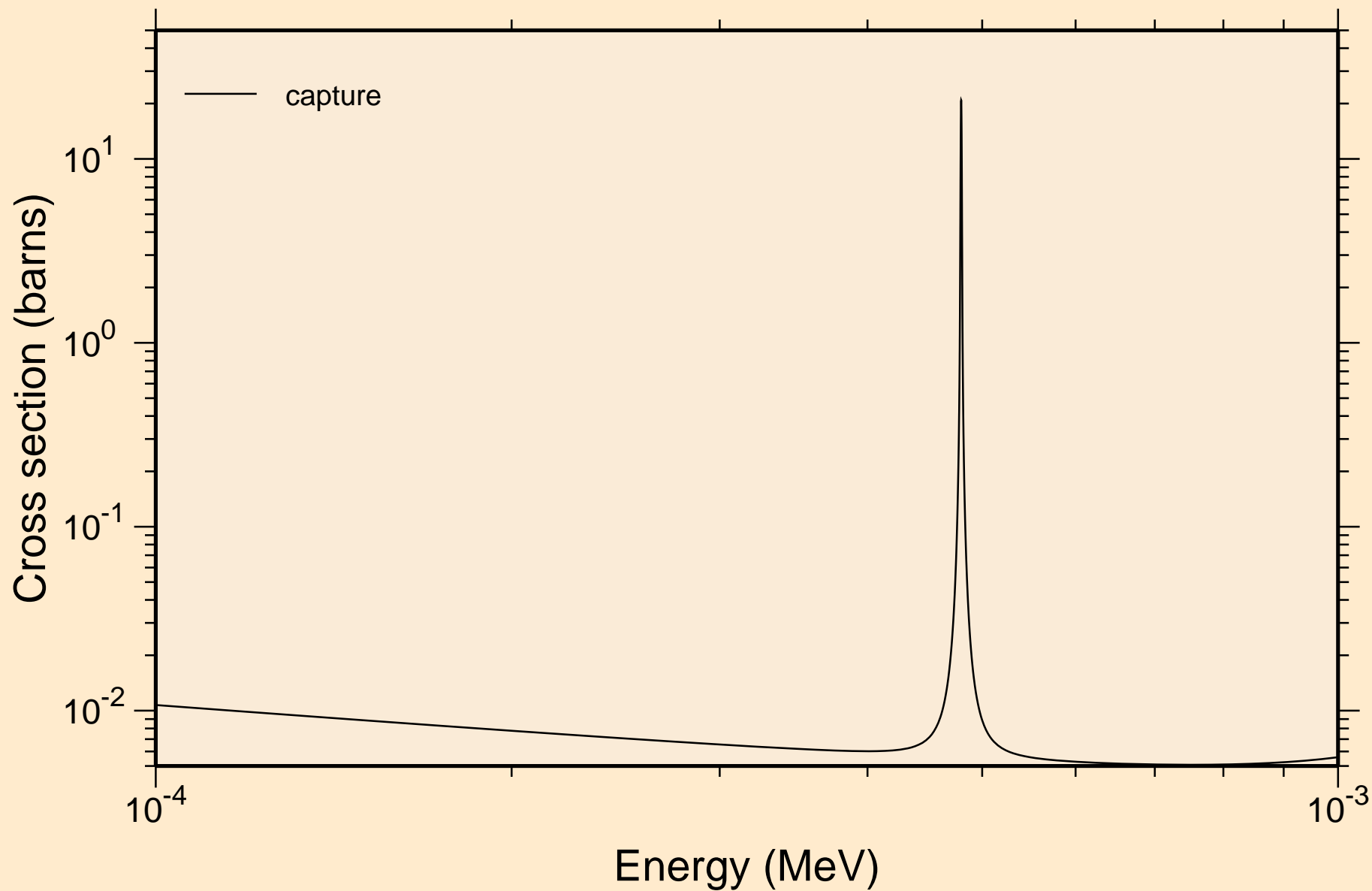
ENDF/B-VII.1 PB-204  
resonance total cross section



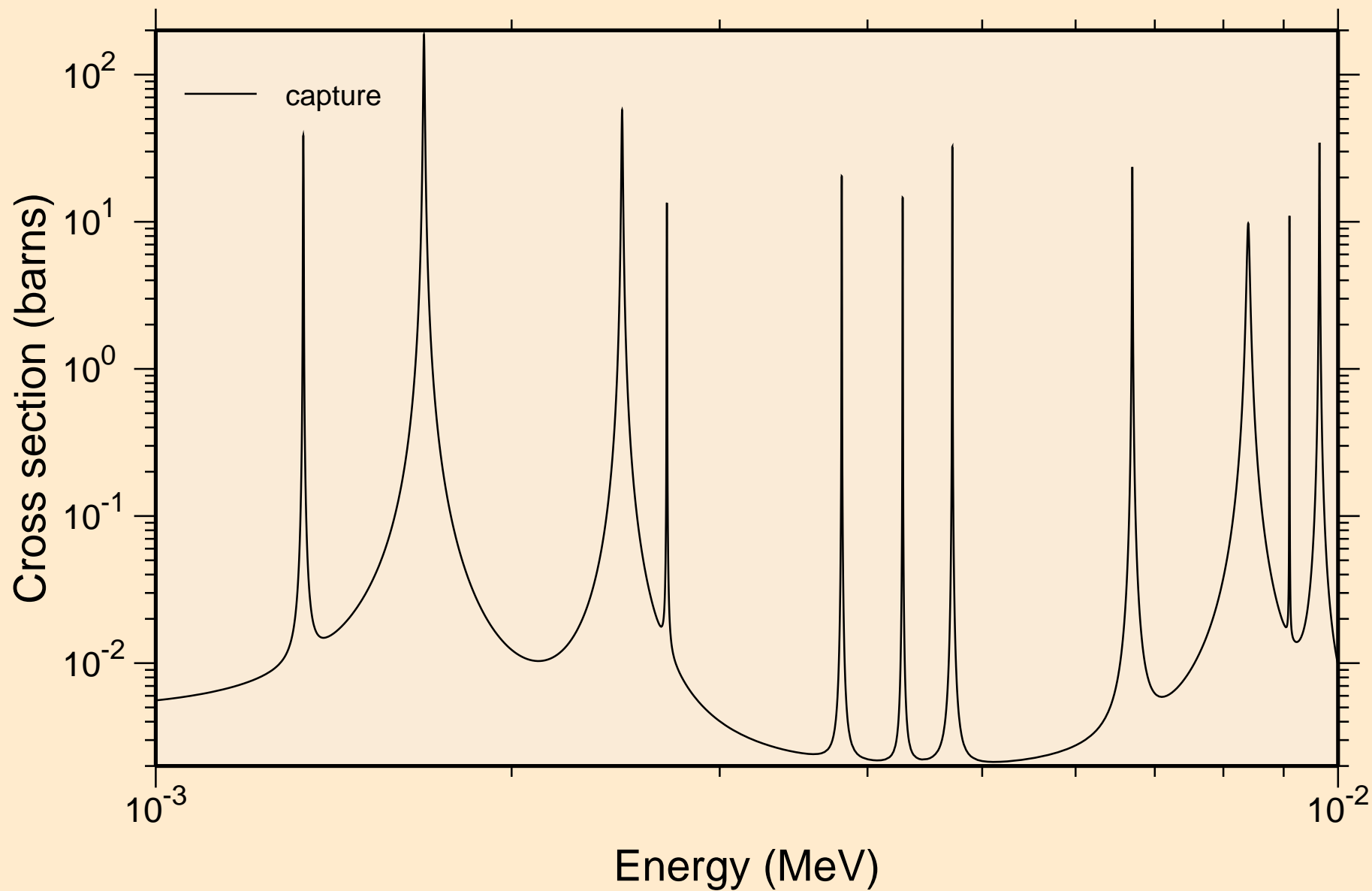
ENDF/B-VII.1 PB-204  
resonance total cross section



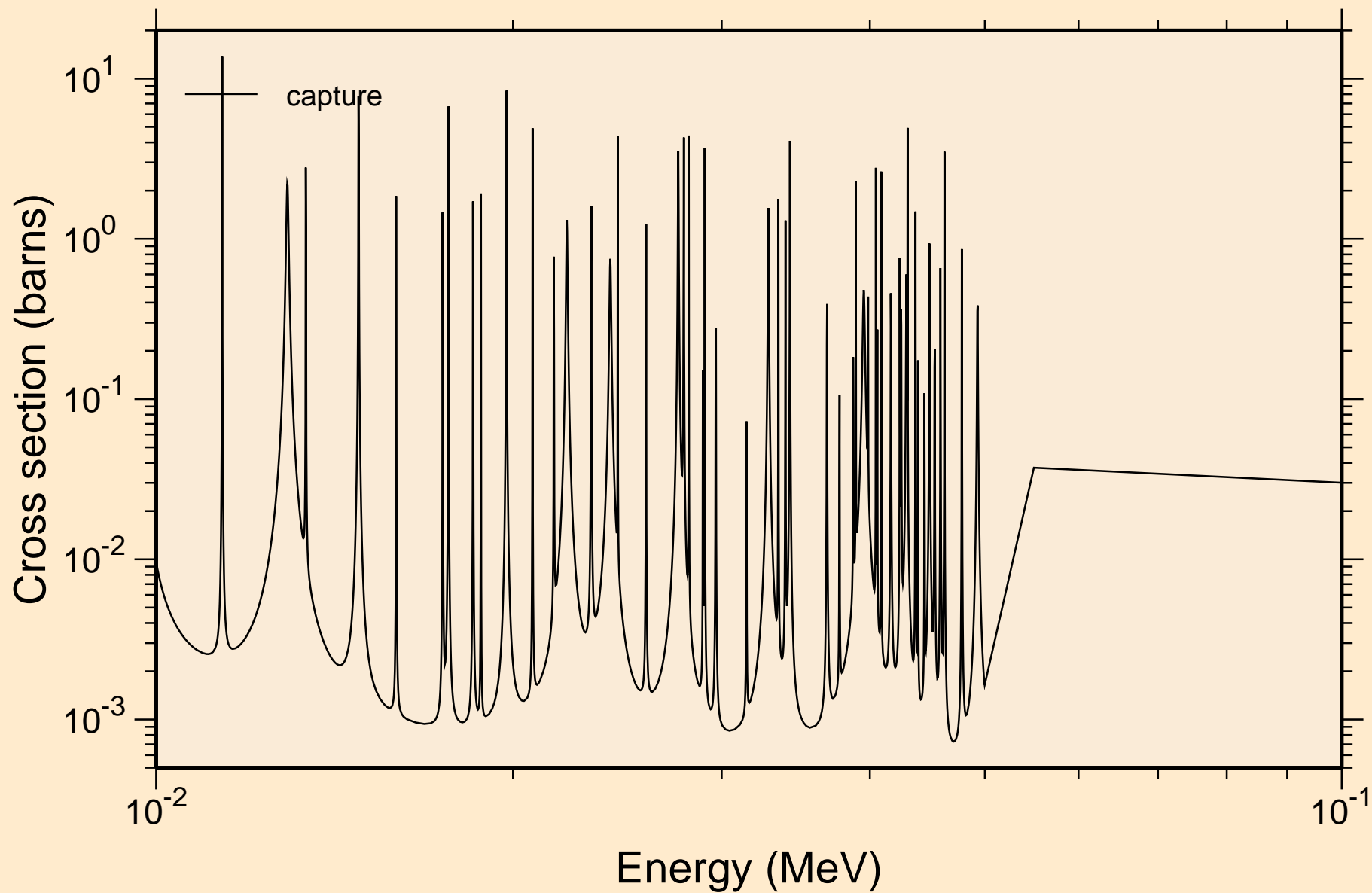
ENDF/B-VII.1 PB-204  
resonance absorption cross sections



ENDF/B-VII.1 PB-204  
resonance absorption cross sections

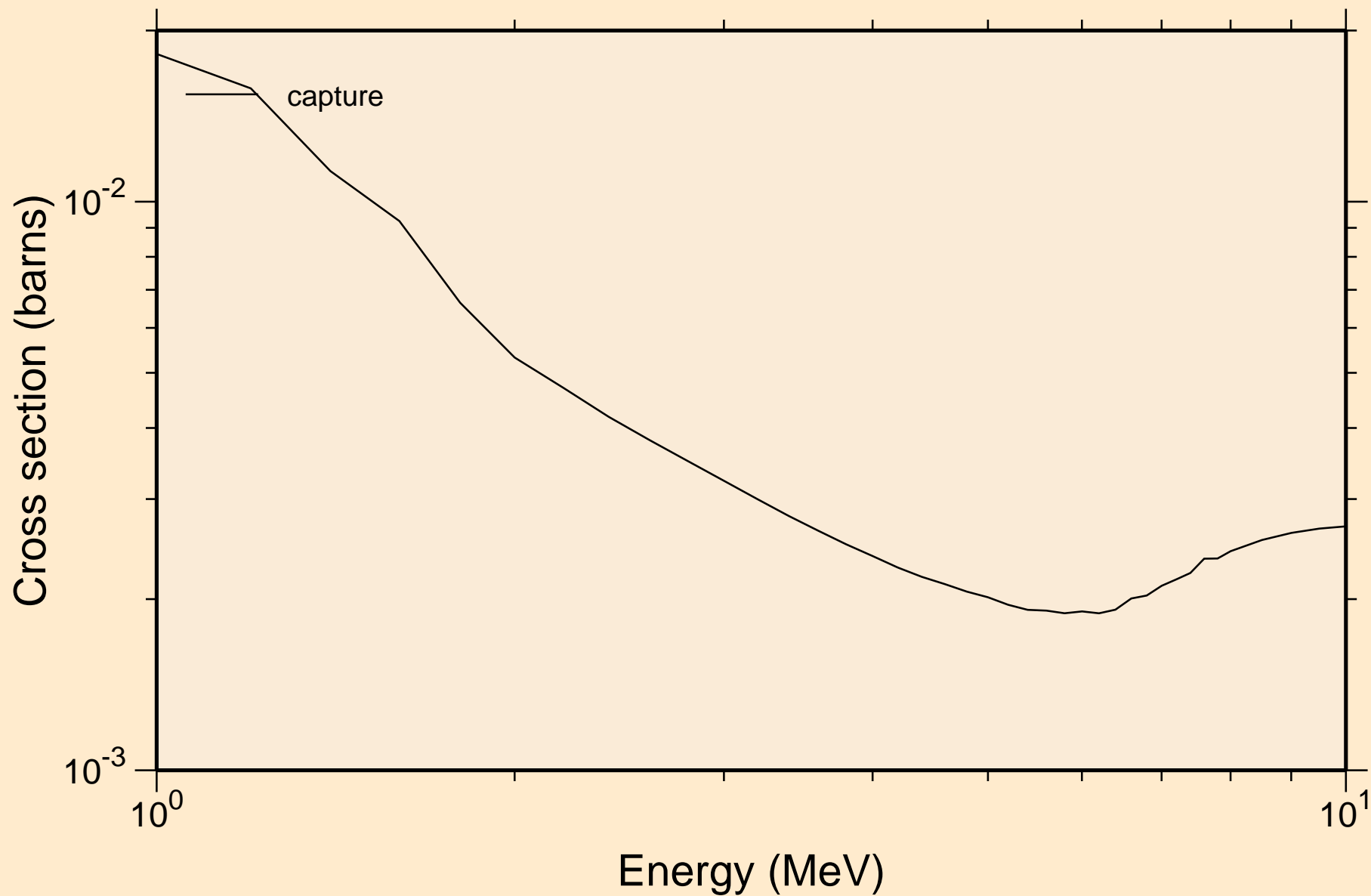


ENDF/B-VII.1 PB-204  
resonance absorption cross sections



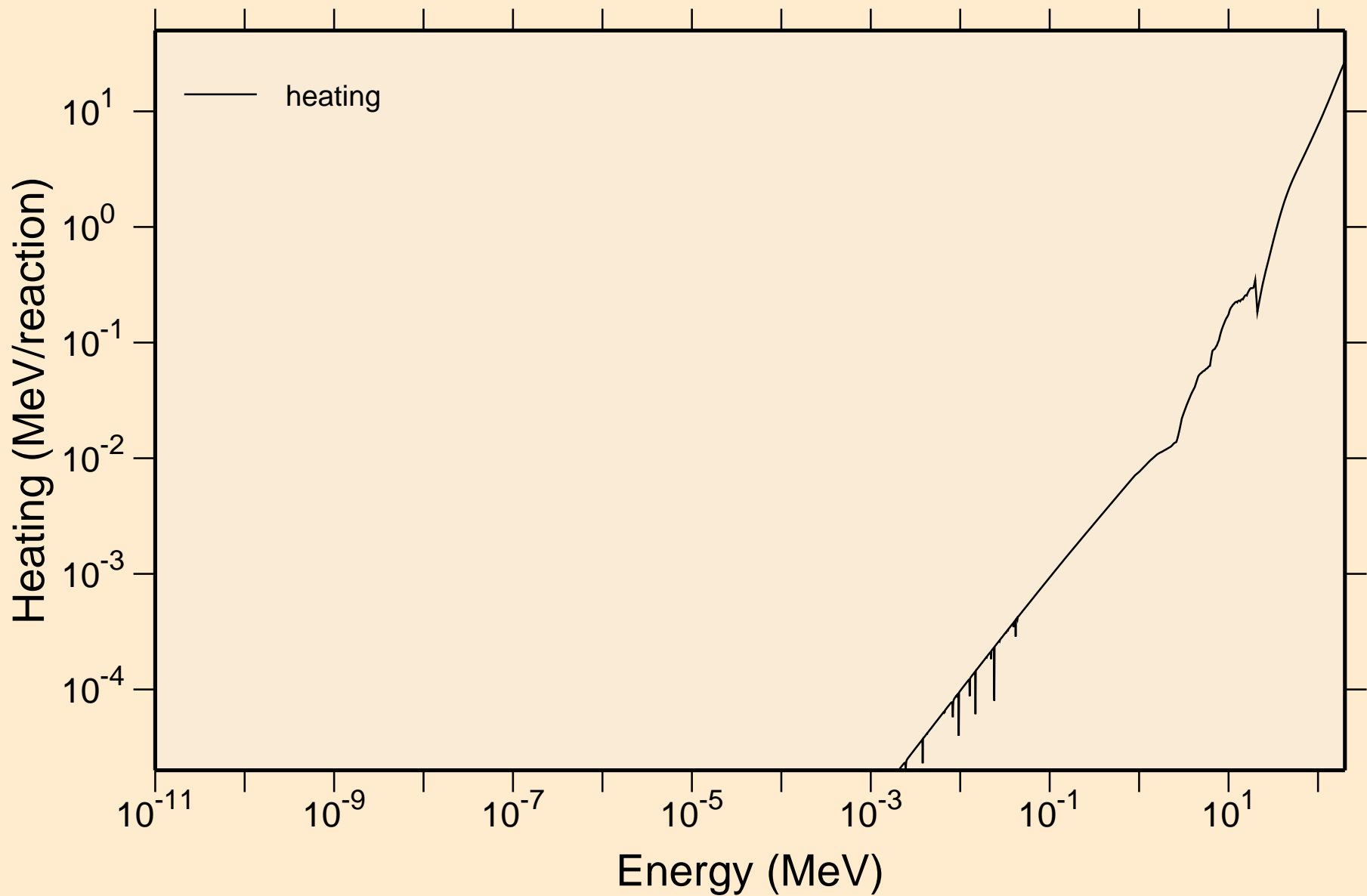


ENDF/B-VII.1 PB-204  
resonance absorption cross sections



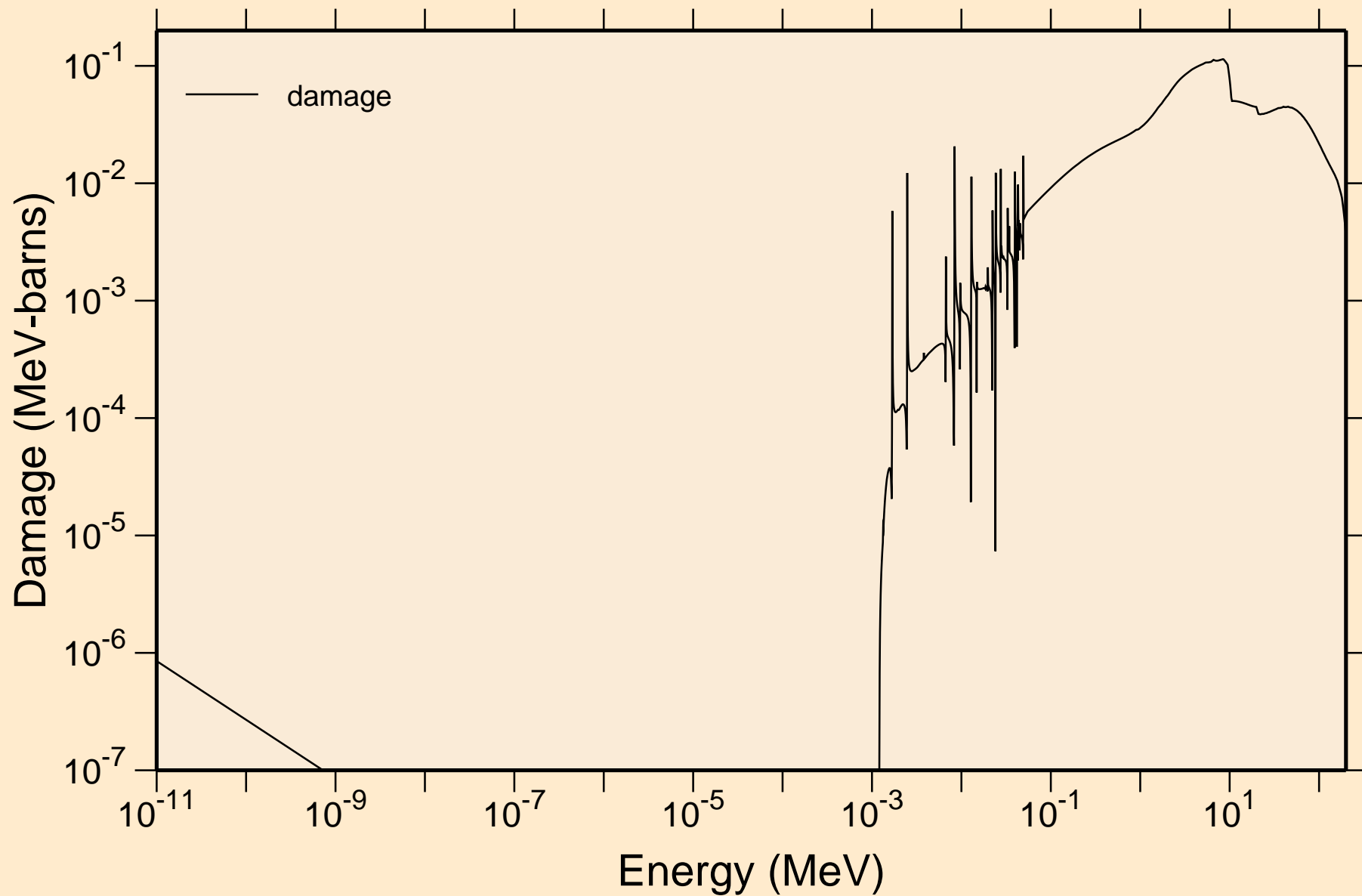
# ENDF/B-VII.1 PB-204

## Heating

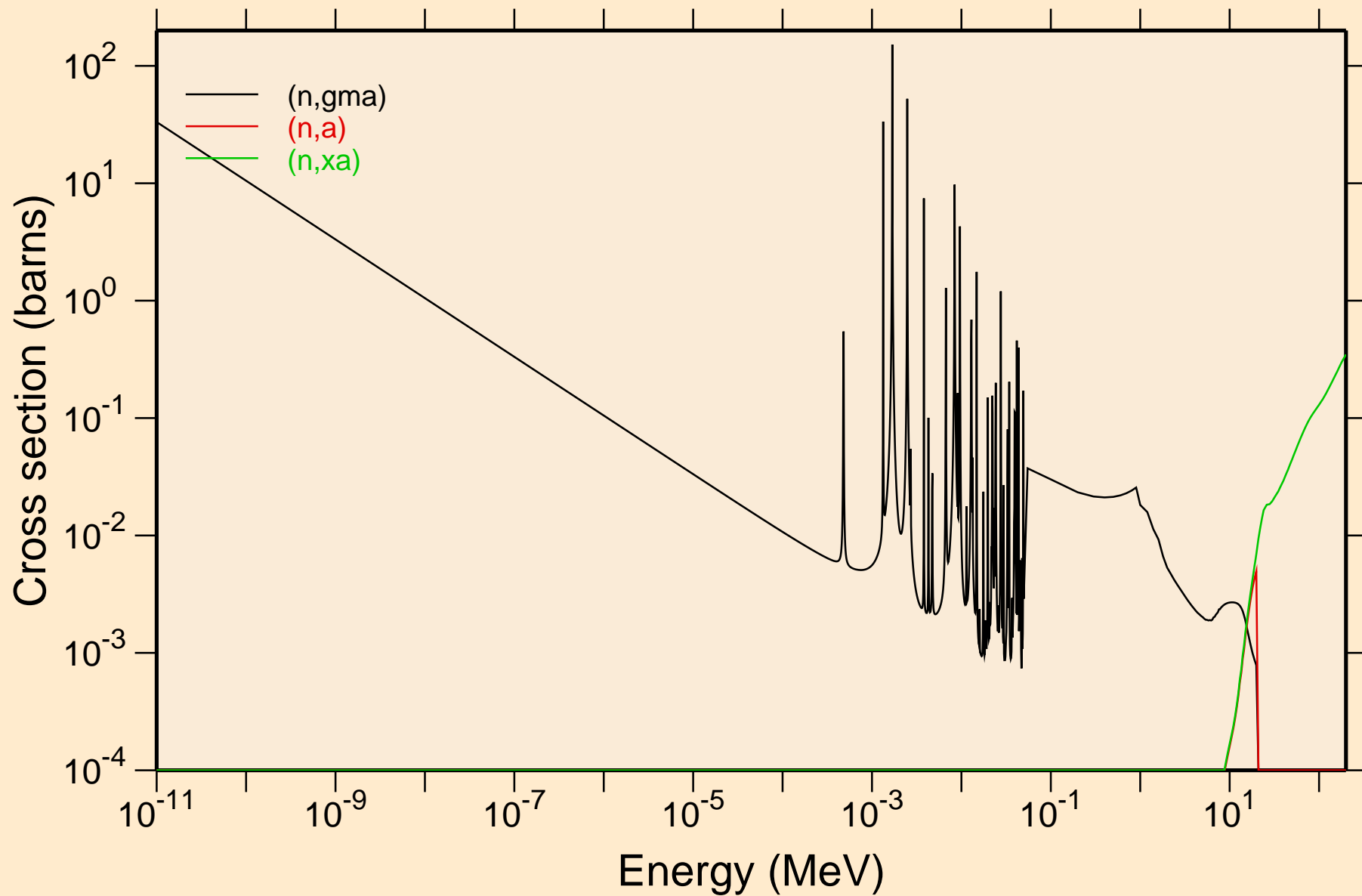


# ENDF/B-VII.1 PB-204

## Damage

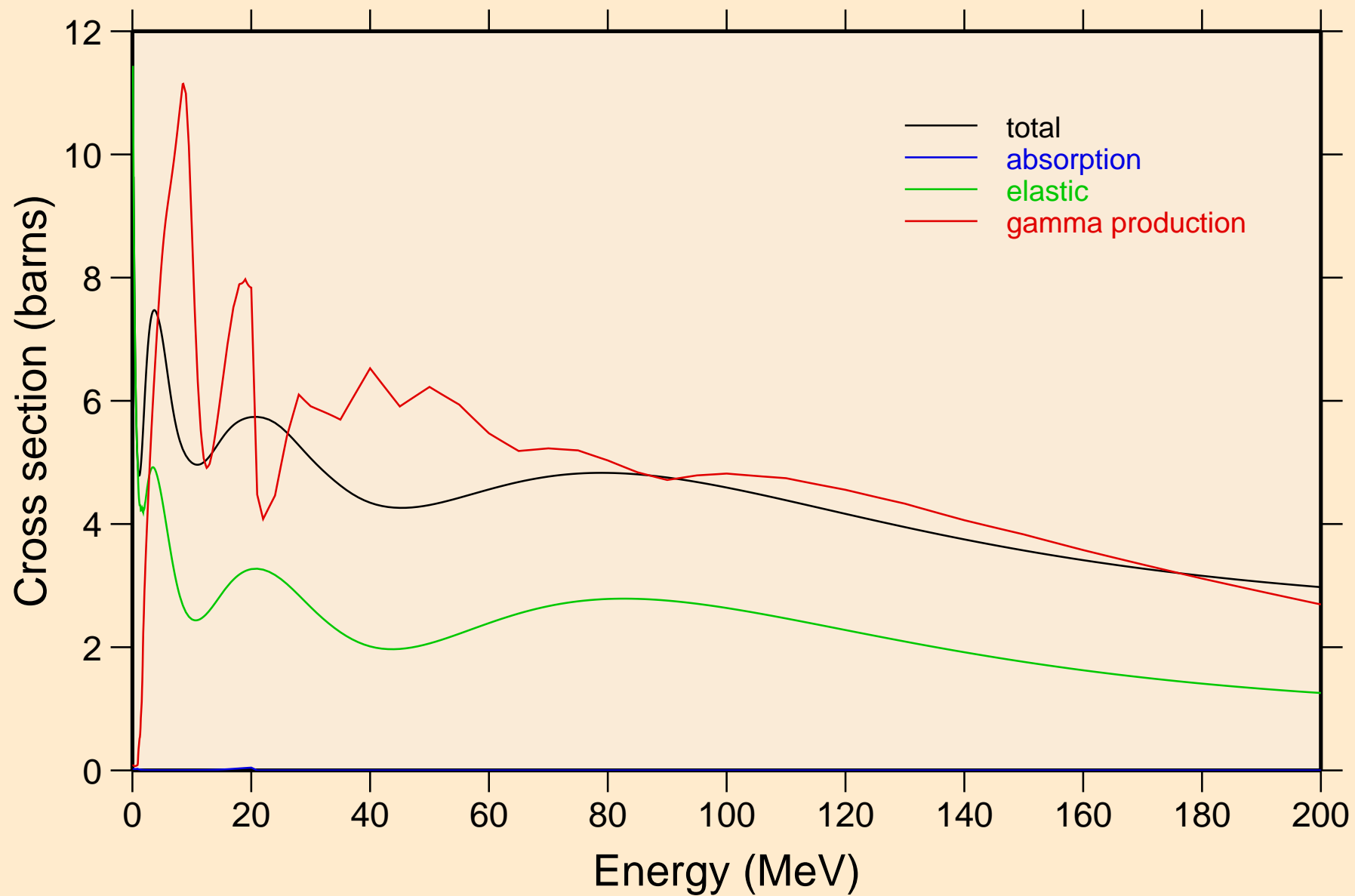


ENDF/B-VII.1 PB-204  
Non-threshold reactions



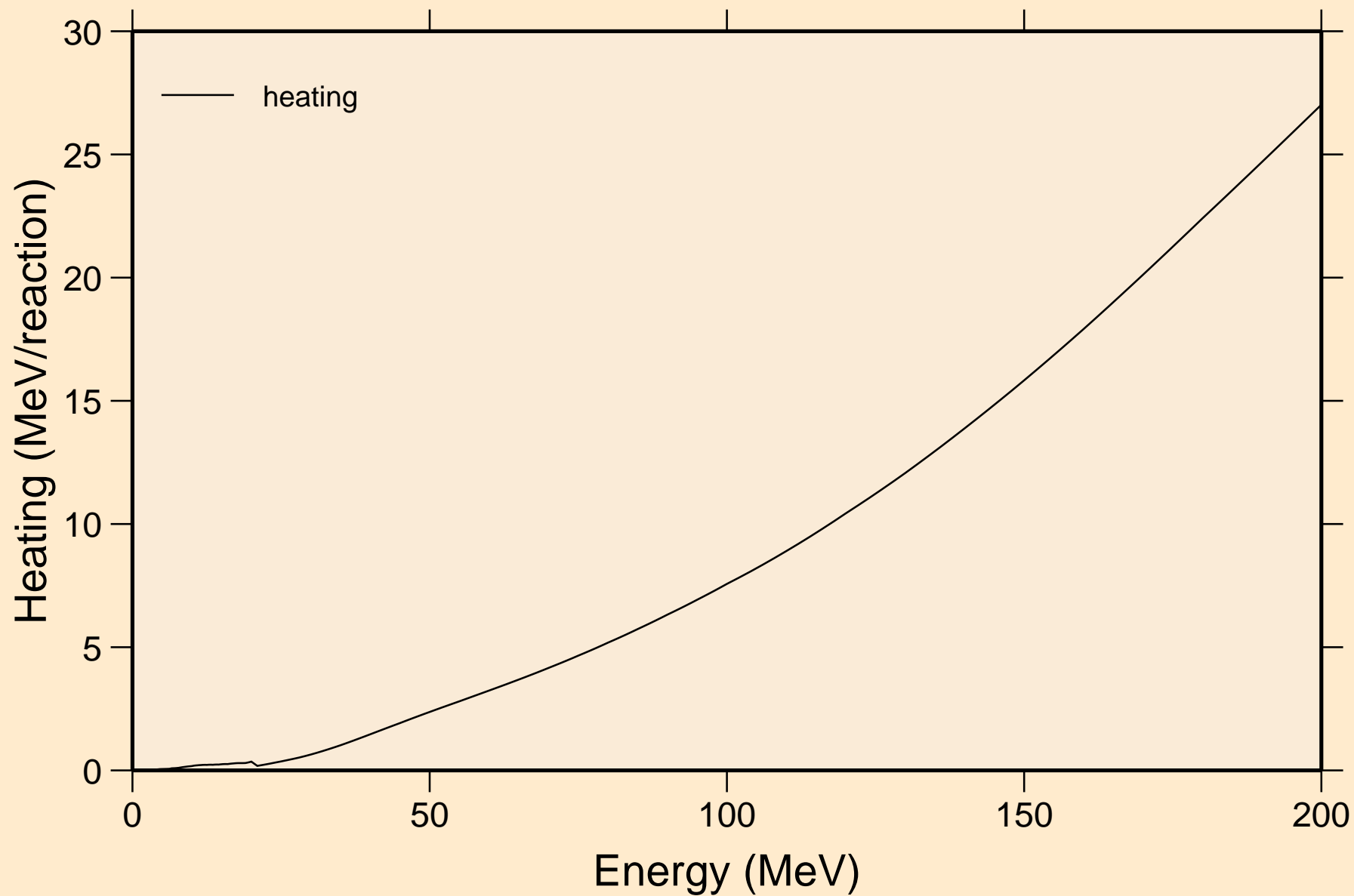
# ENDF/B-VII.1 PB-204

## Principal cross sections



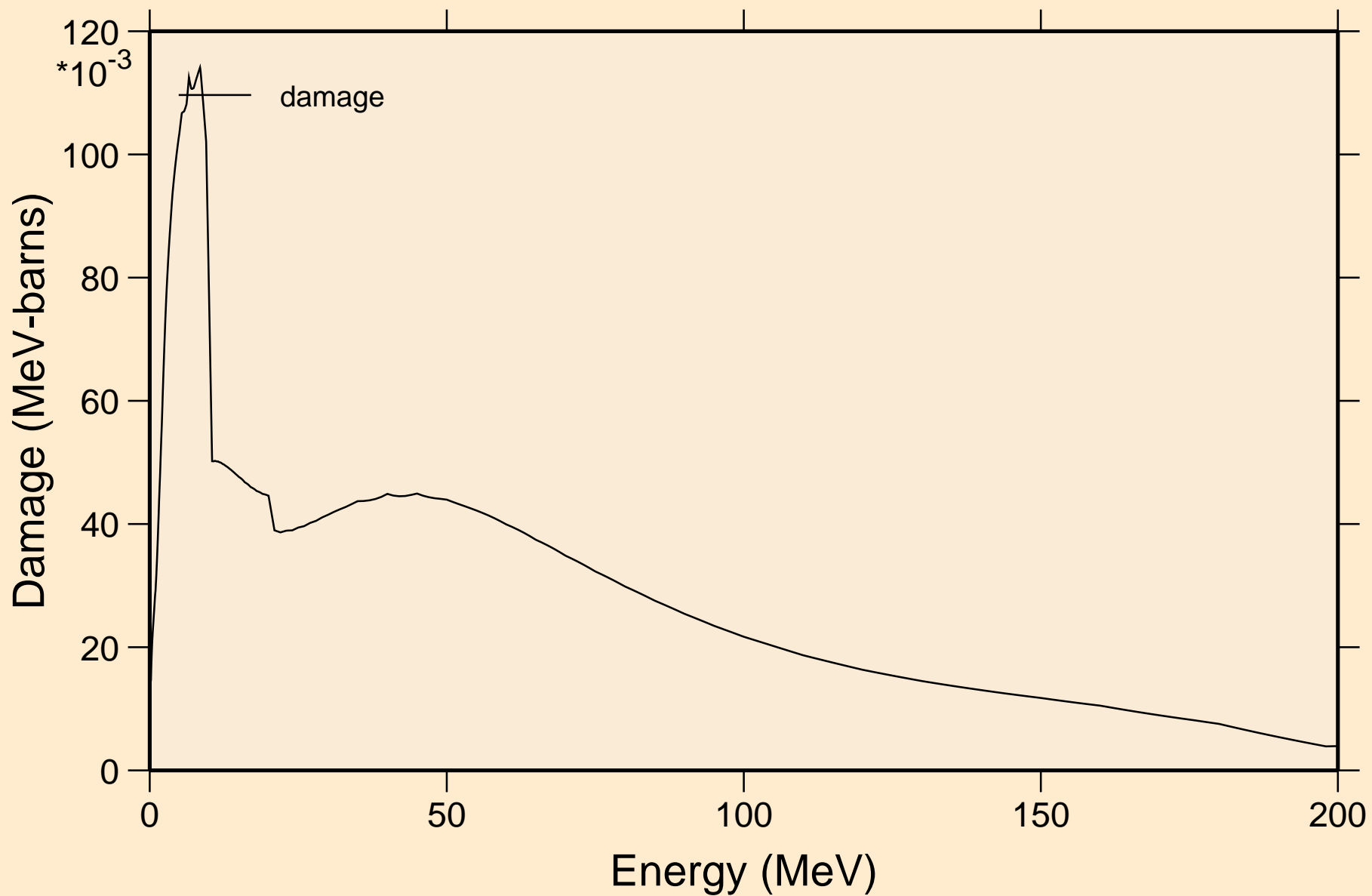
# ENDF/B-VII.1 PB-204

## Heating



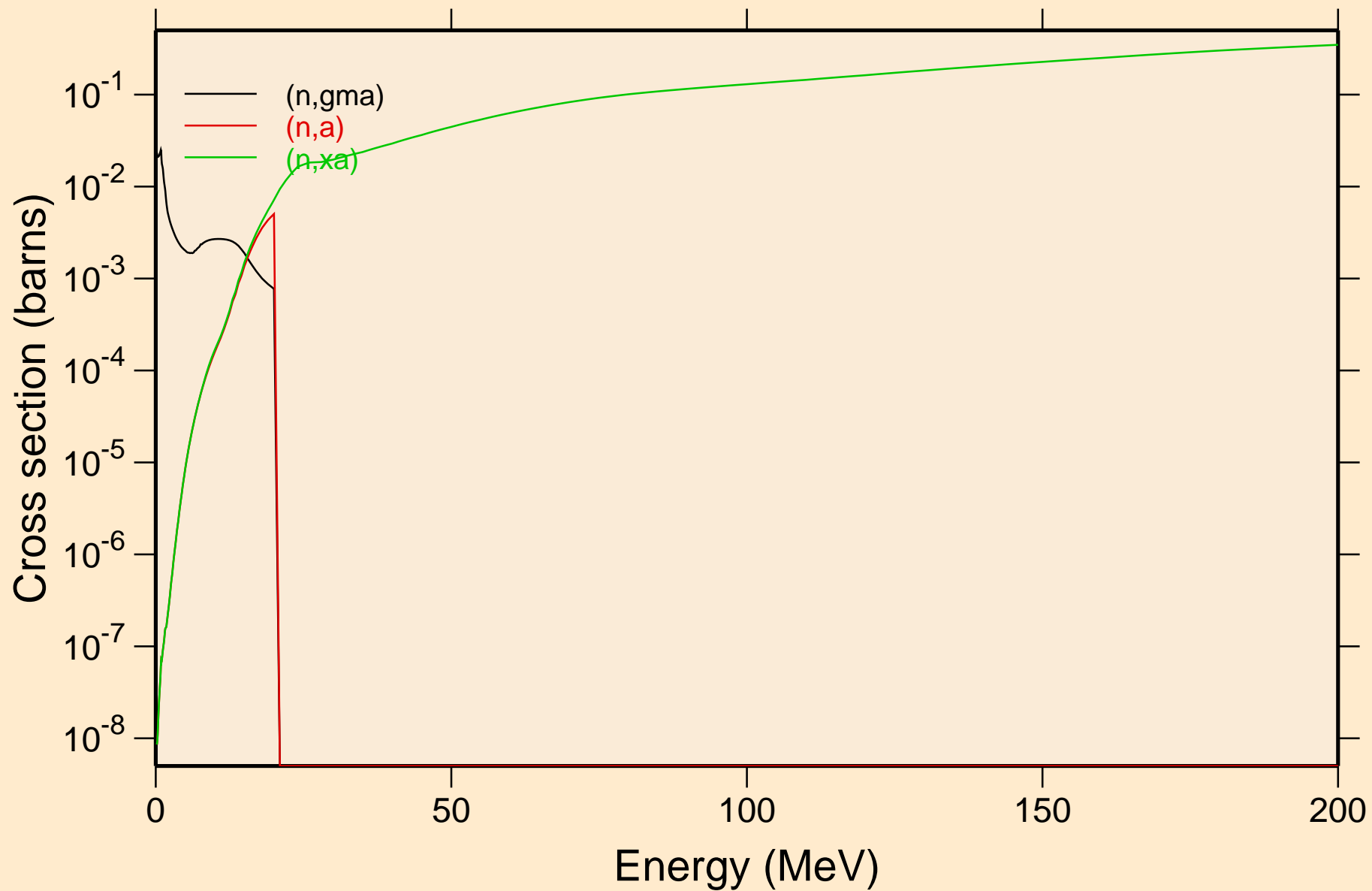
# ENDF/B-VII.1 PB-204

## Damage



# ENDF/B-VII.1 PB-204

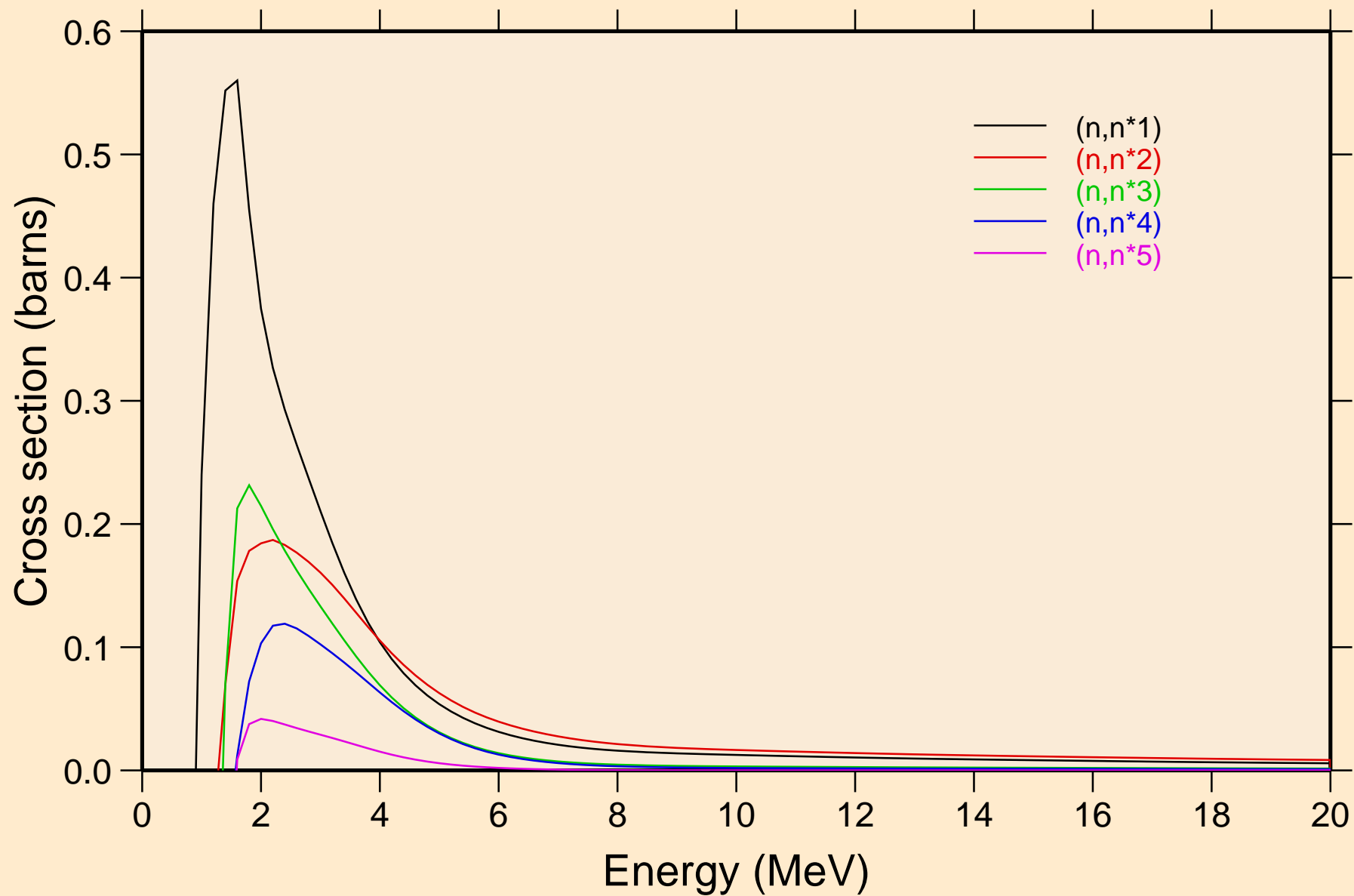
## Non-threshold reactions





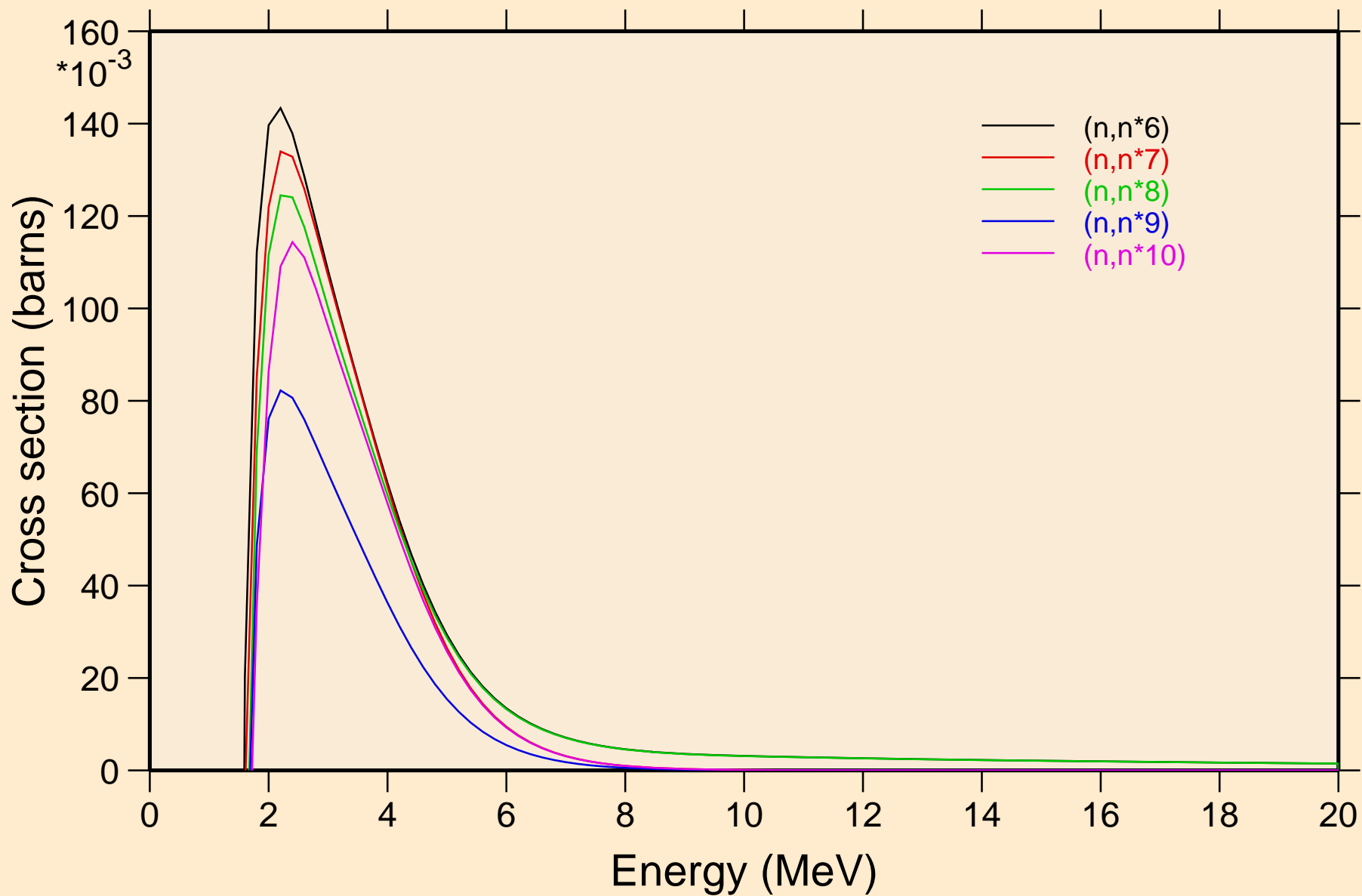
# ENDF/B-VII.1 PB-204

## Inelastic levels



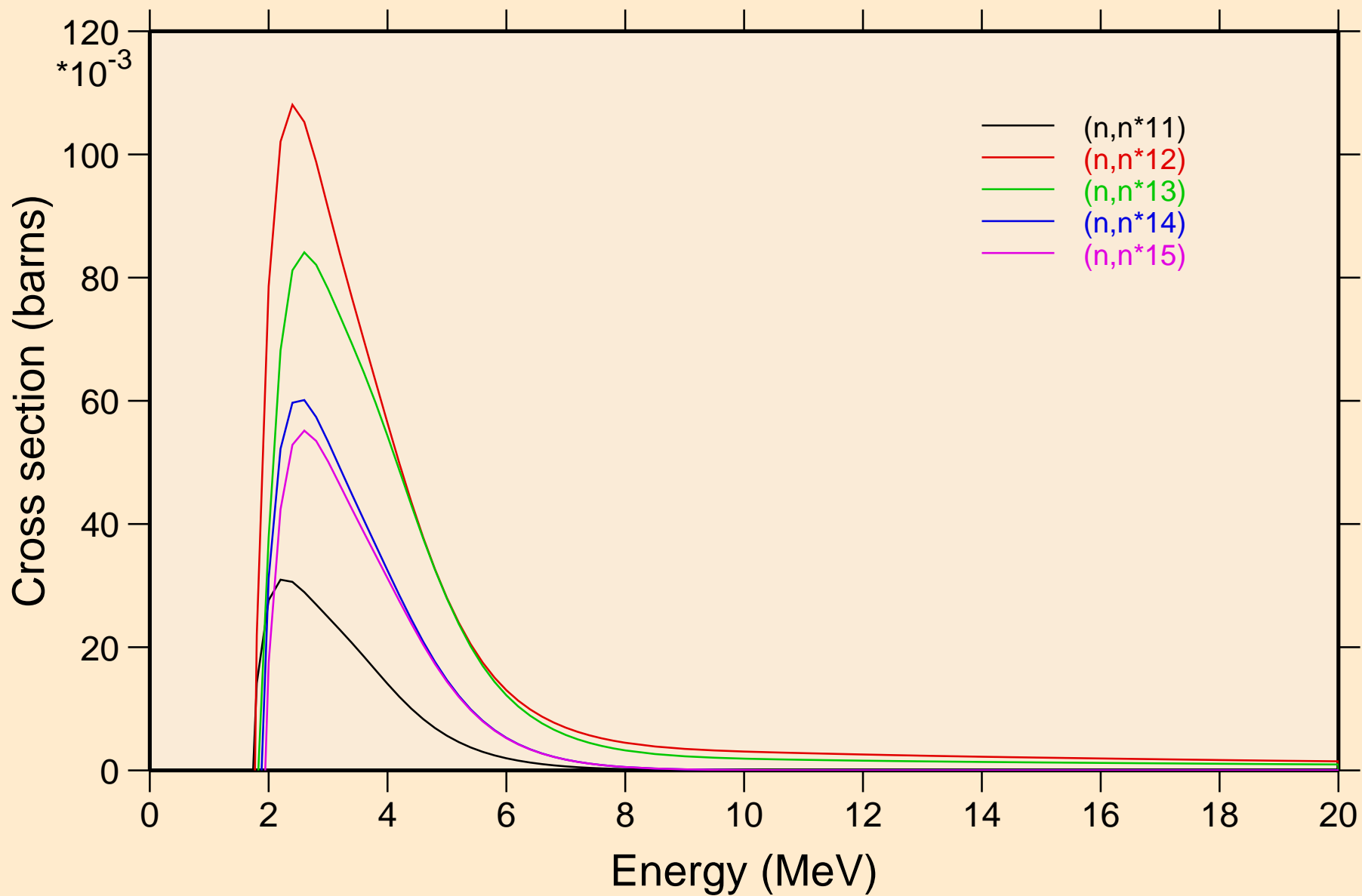
# ENDF/B-VII.1 PB-204

## Inelastic levels



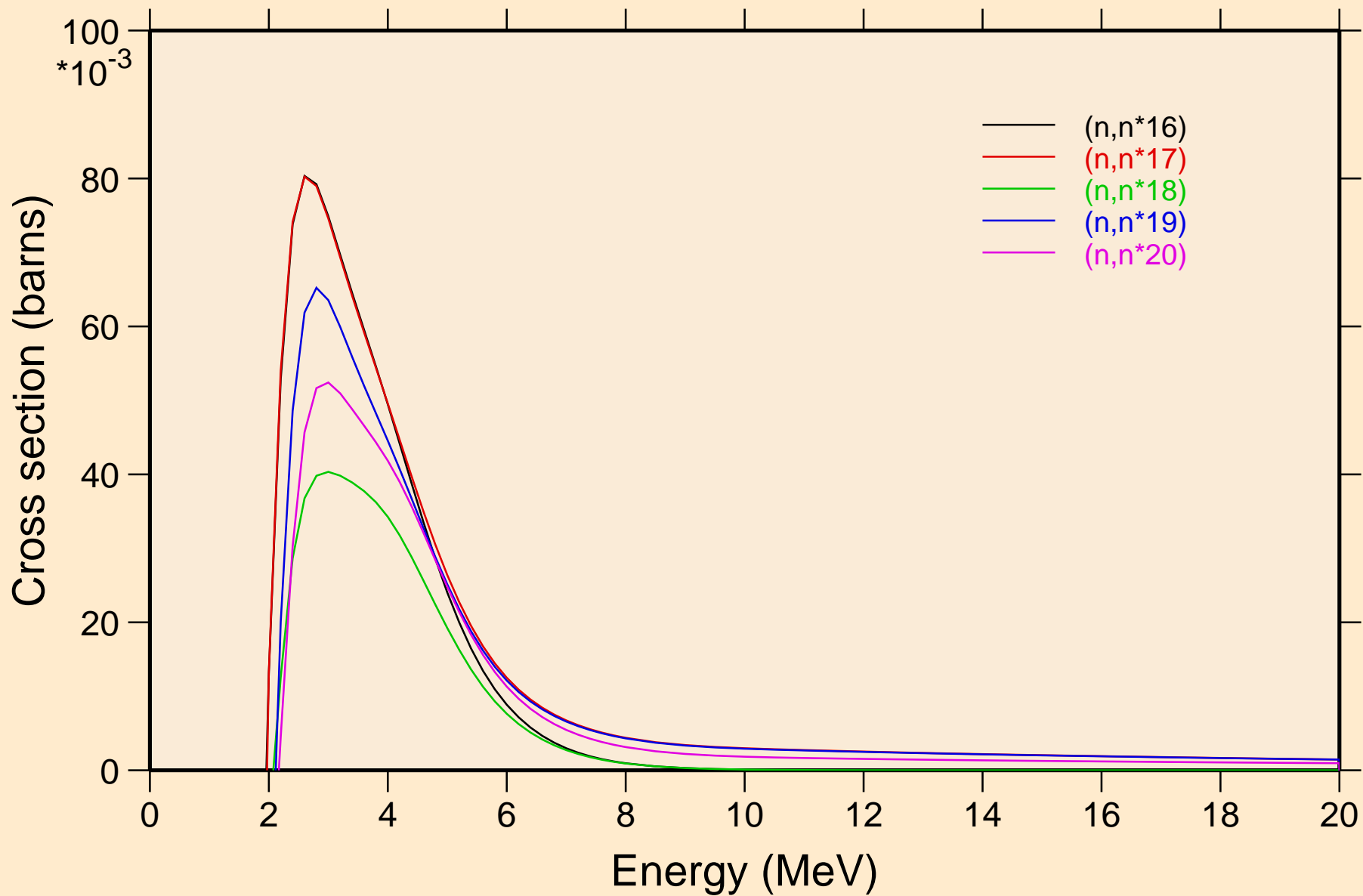
# ENDF/B-VII.1 PB-204

## Inelastic levels



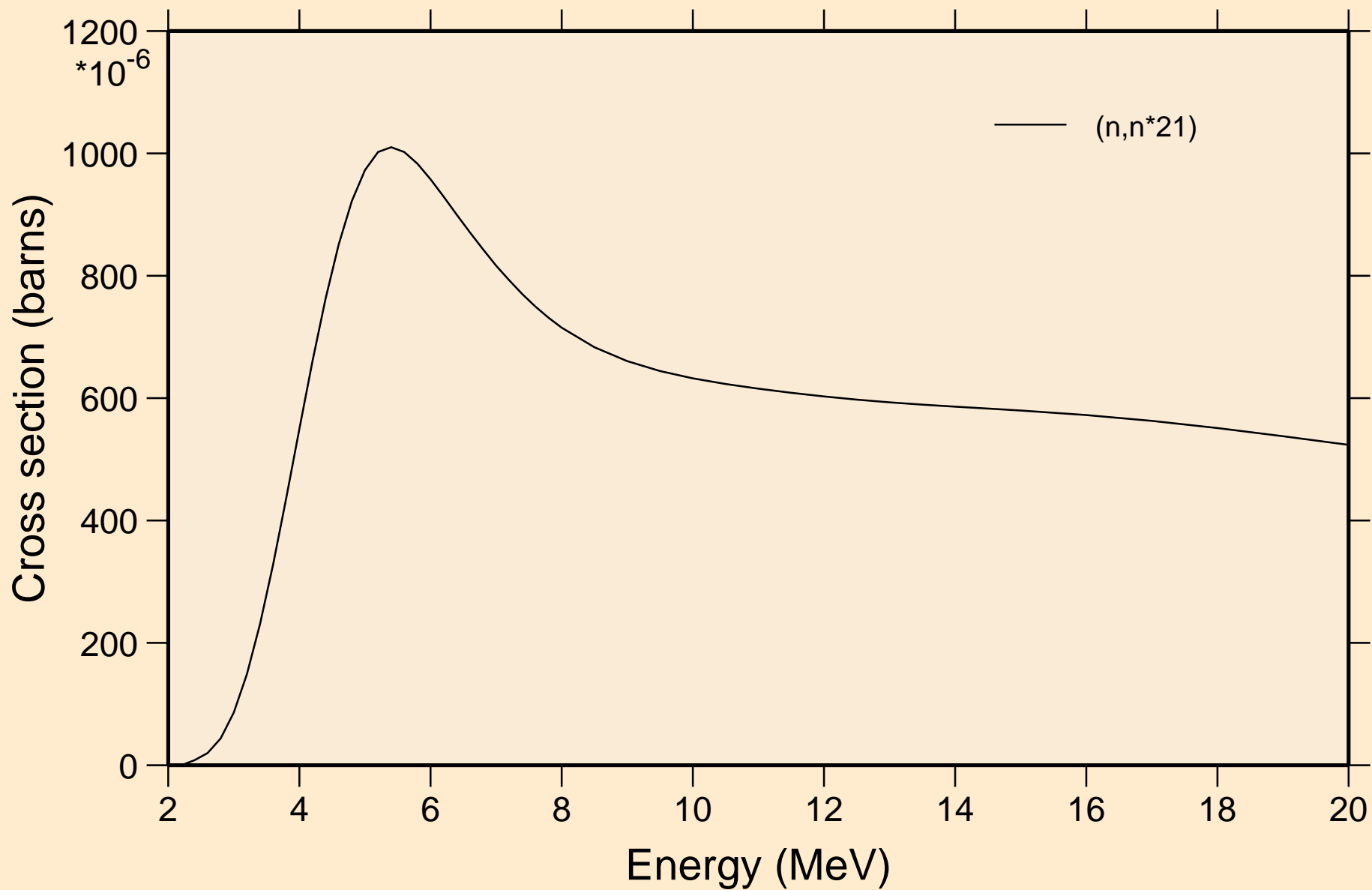
# ENDF/B-VII.1 PB-204

## Inelastic levels



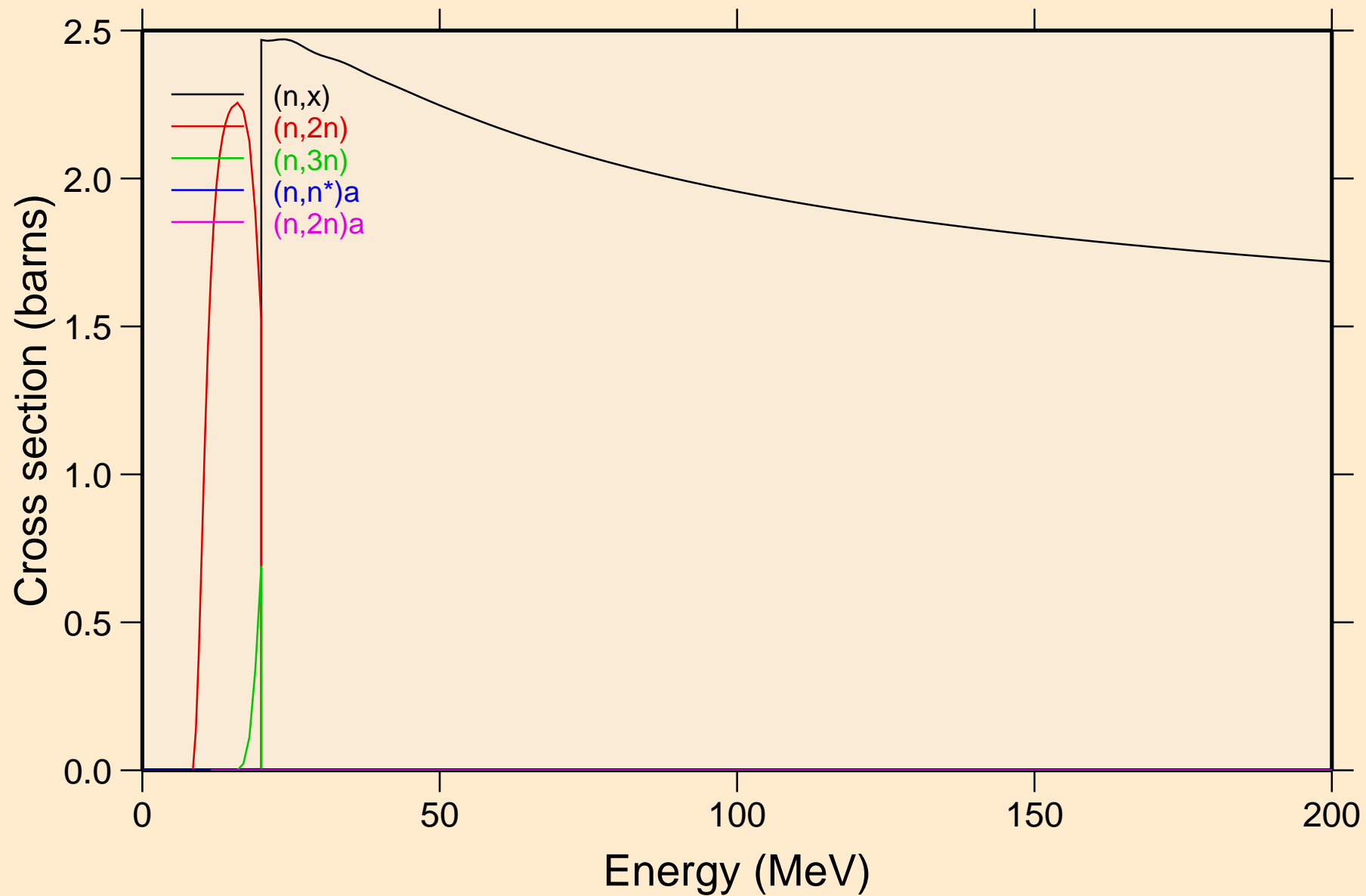
ENDF/B-VII.1 PB-204

Inelastic levels



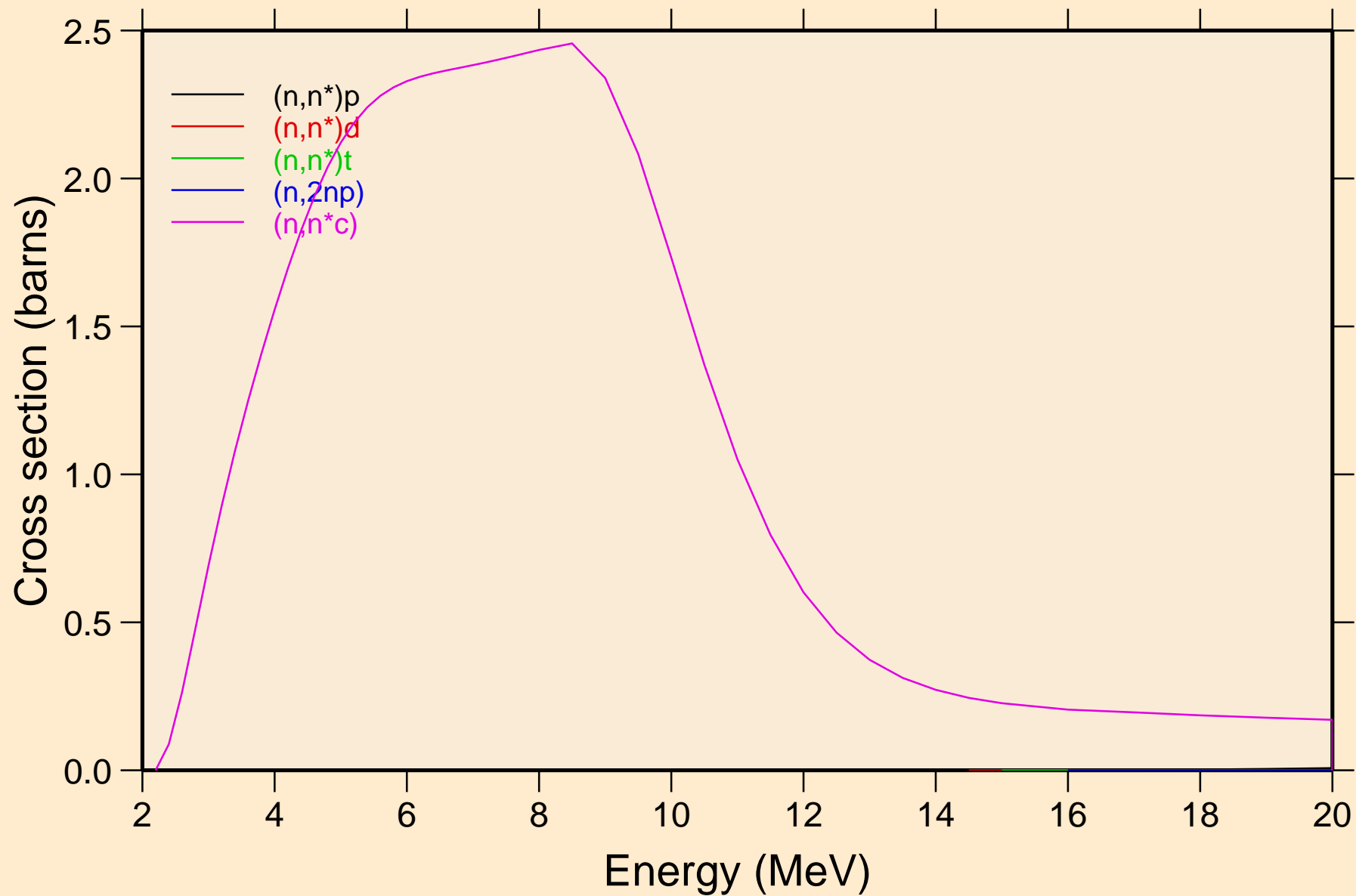
# ENDF/B-VII.1 PB-204

## Threshold reactions



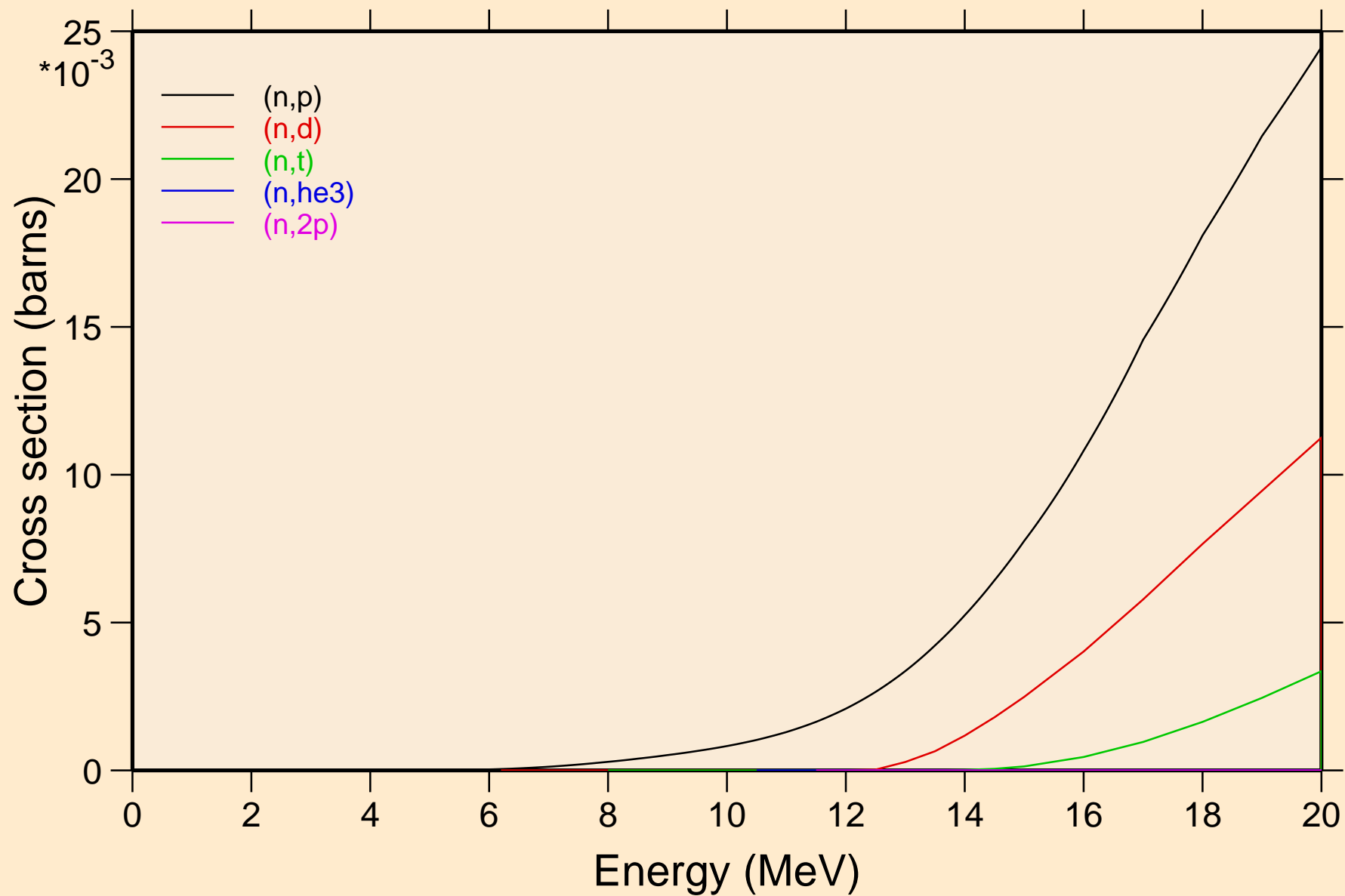
# ENDF/B-VII.1 PB-204

## Threshold reactions



# ENDF/B-VII.1 PB-204

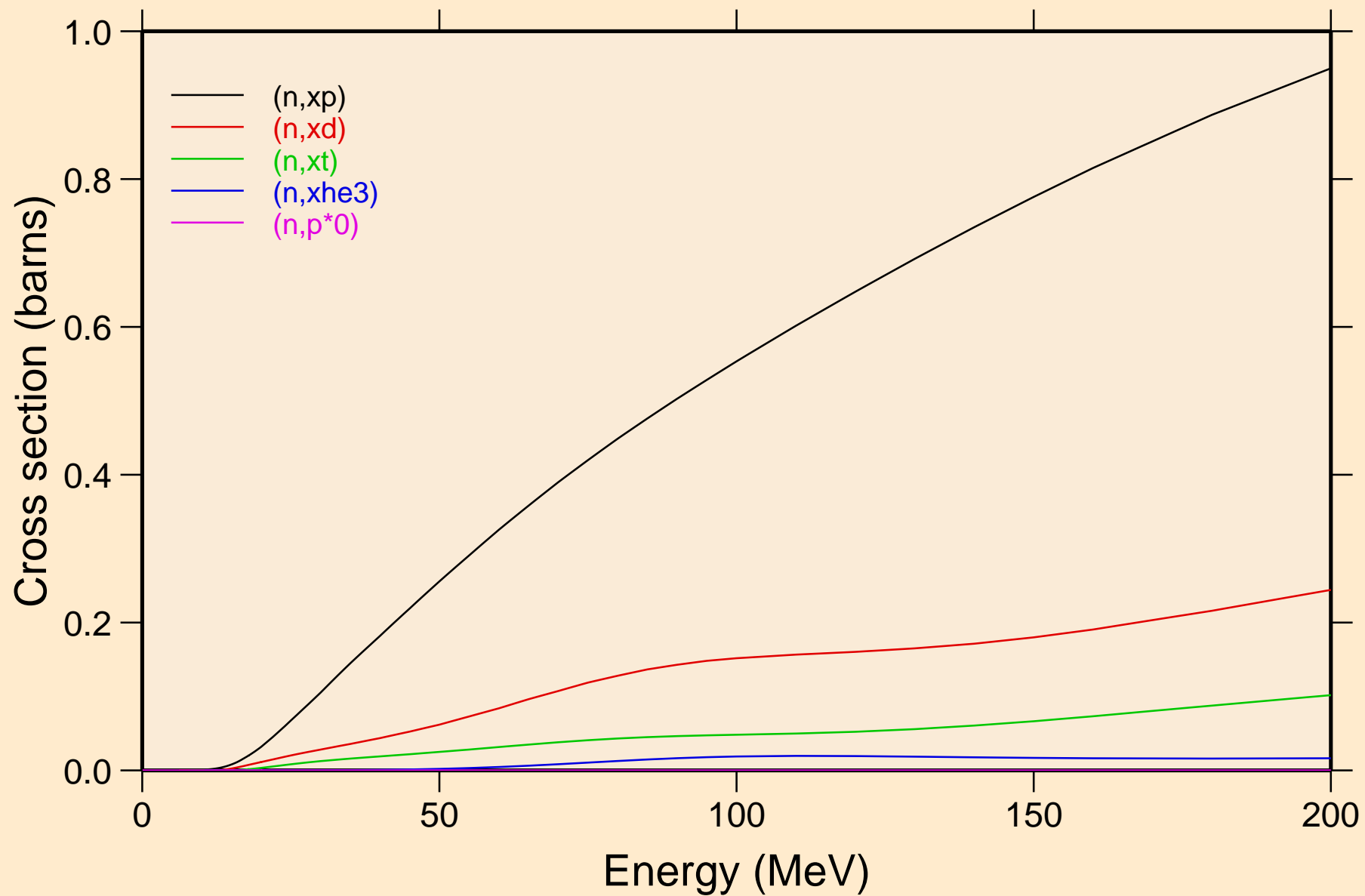
## Threshold reactions





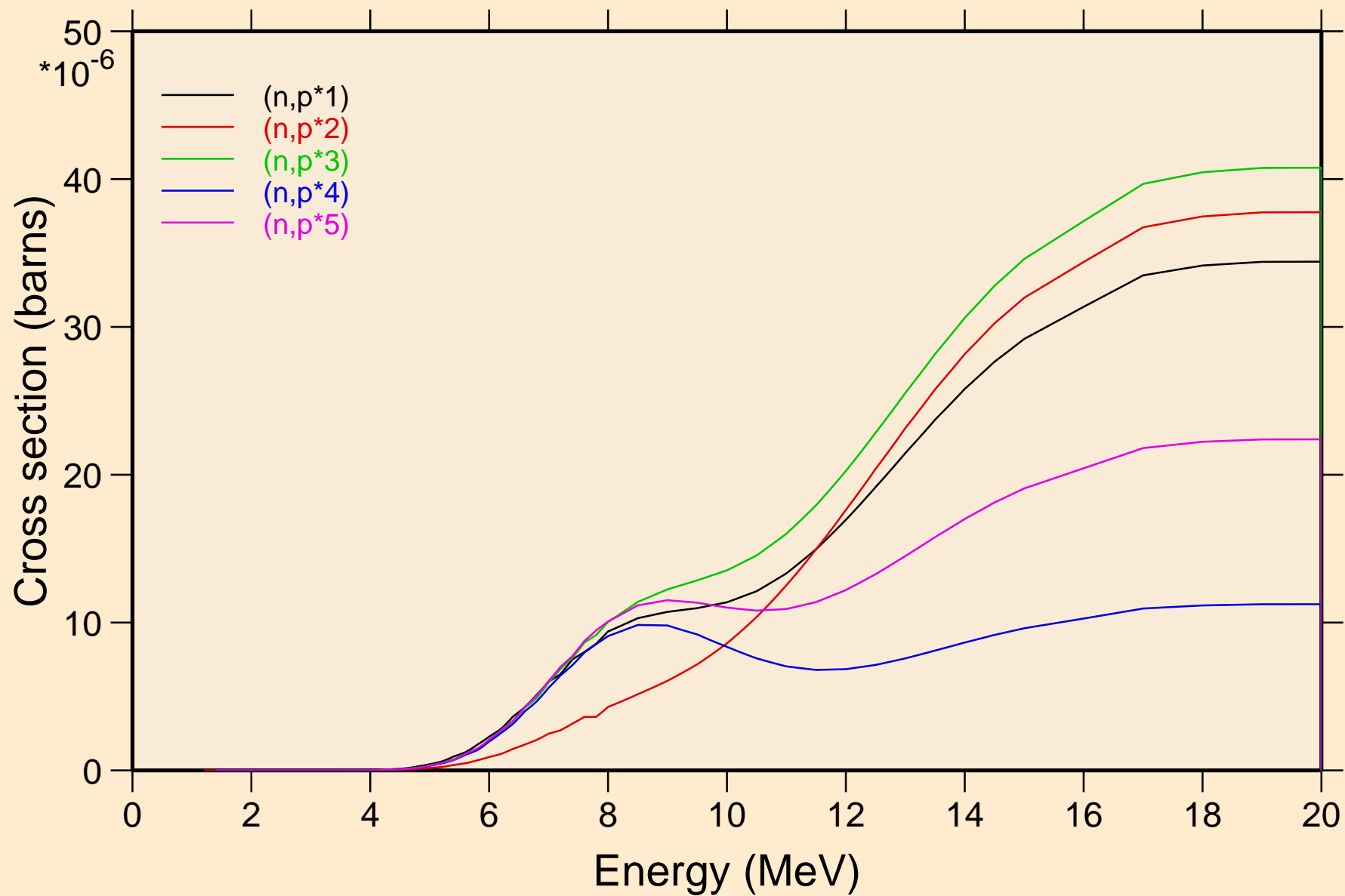
# ENDF/B-VII.1 PB-204

## Threshold reactions



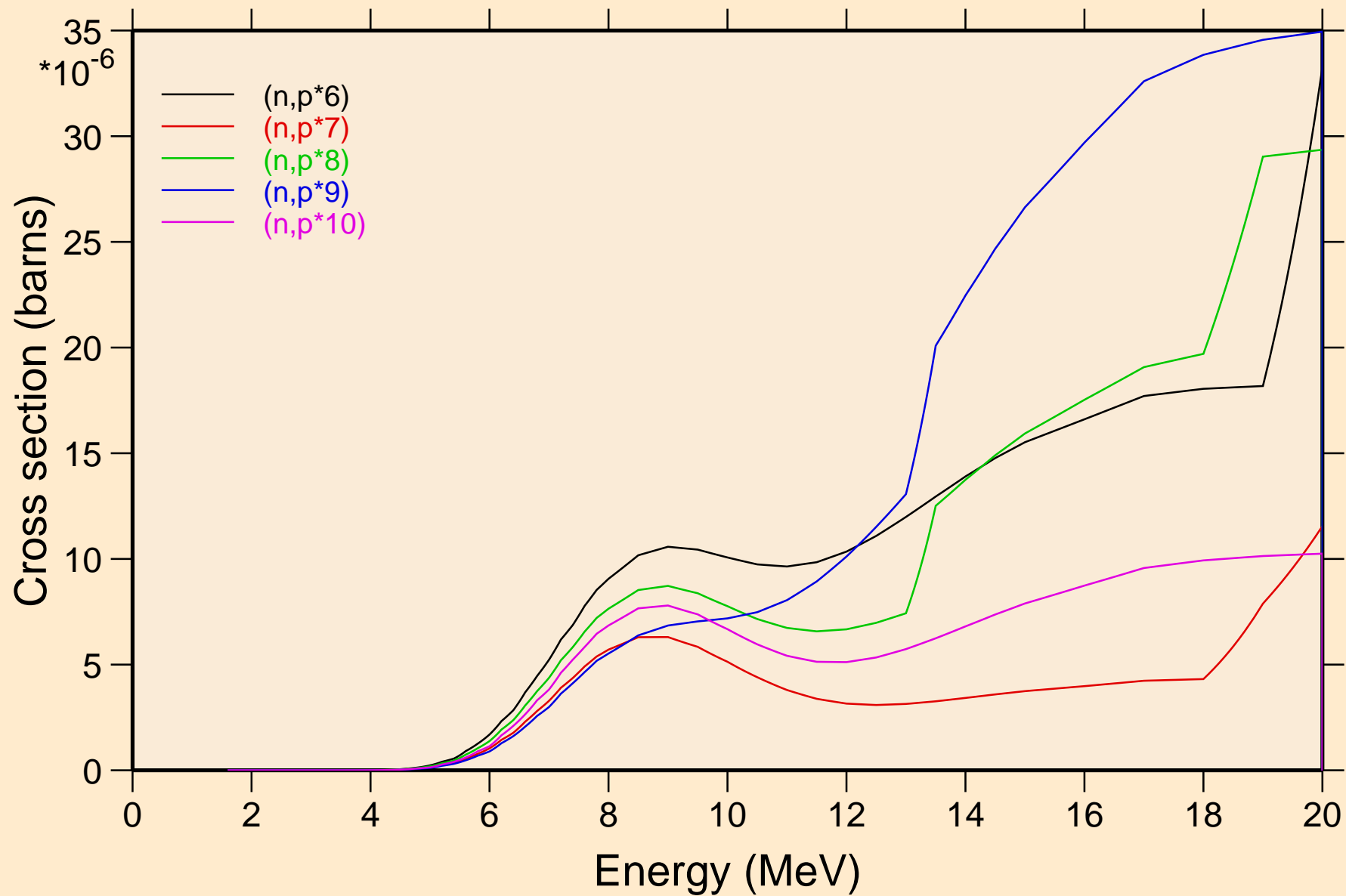
# ENDF/B-VII.1 PB-204

## Threshold reactions



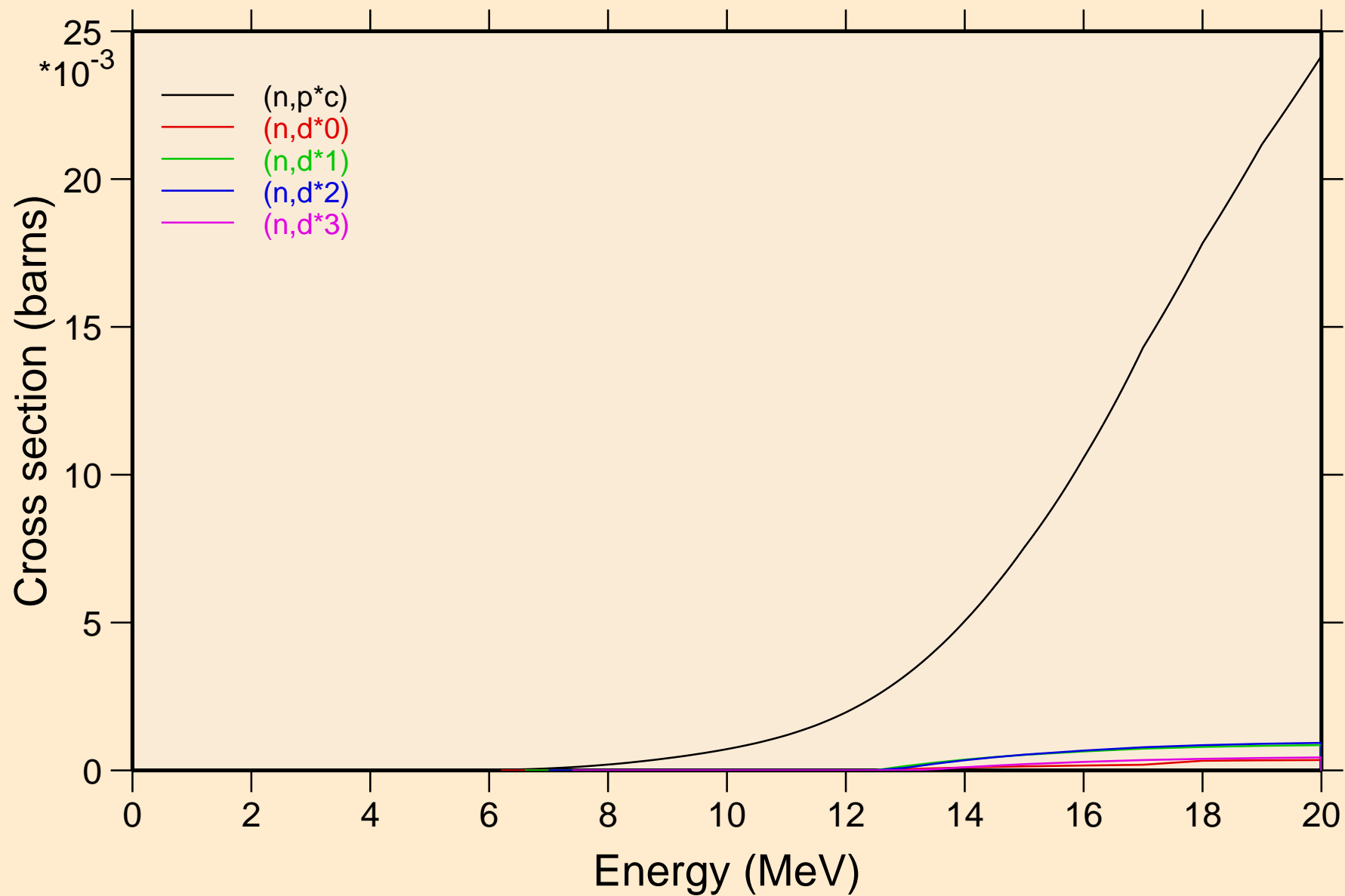
# ENDF/B-VII.1 PB-204

## Threshold reactions



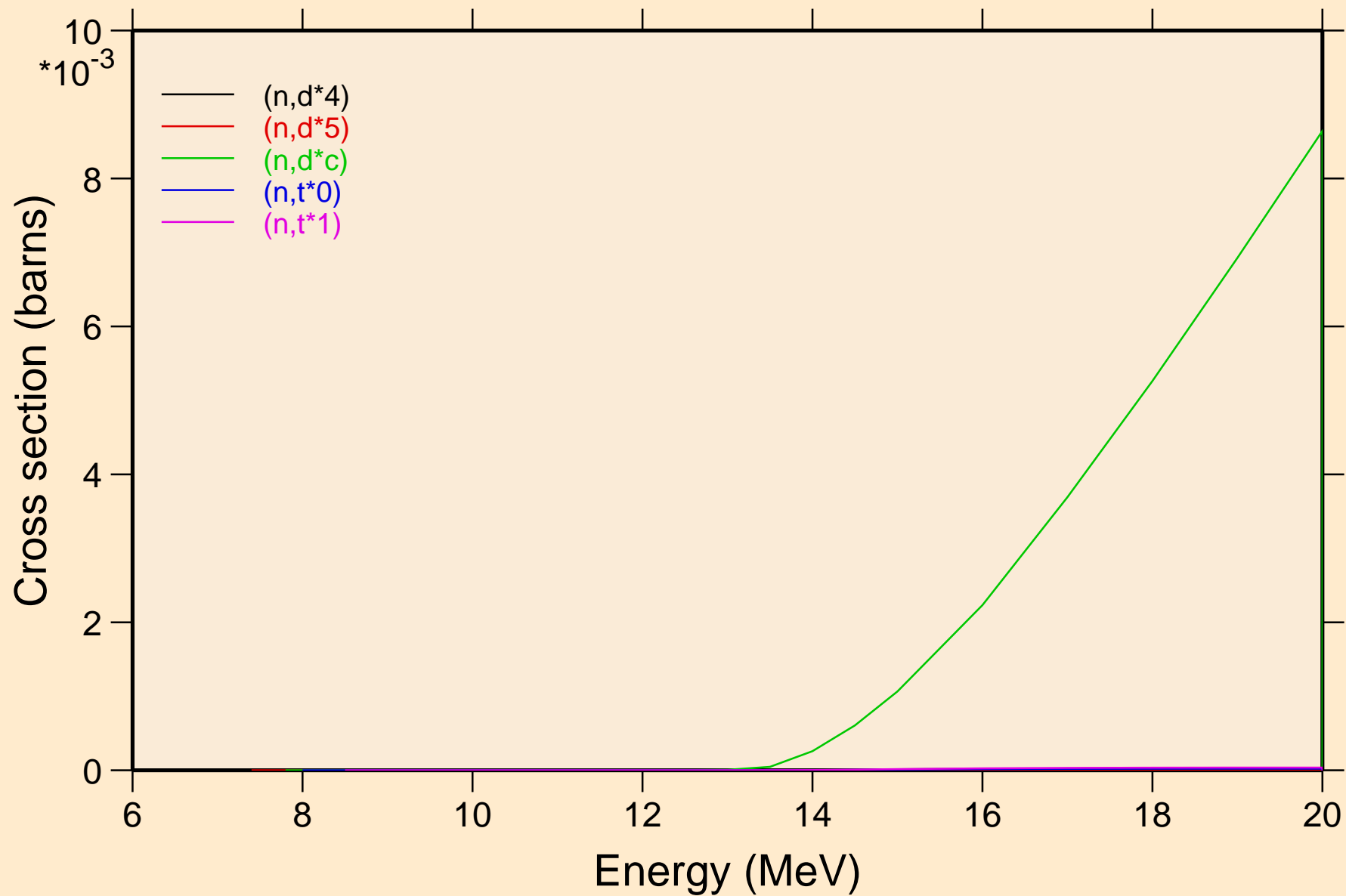
# ENDF/B-VII.1 PB-204

## Threshold reactions



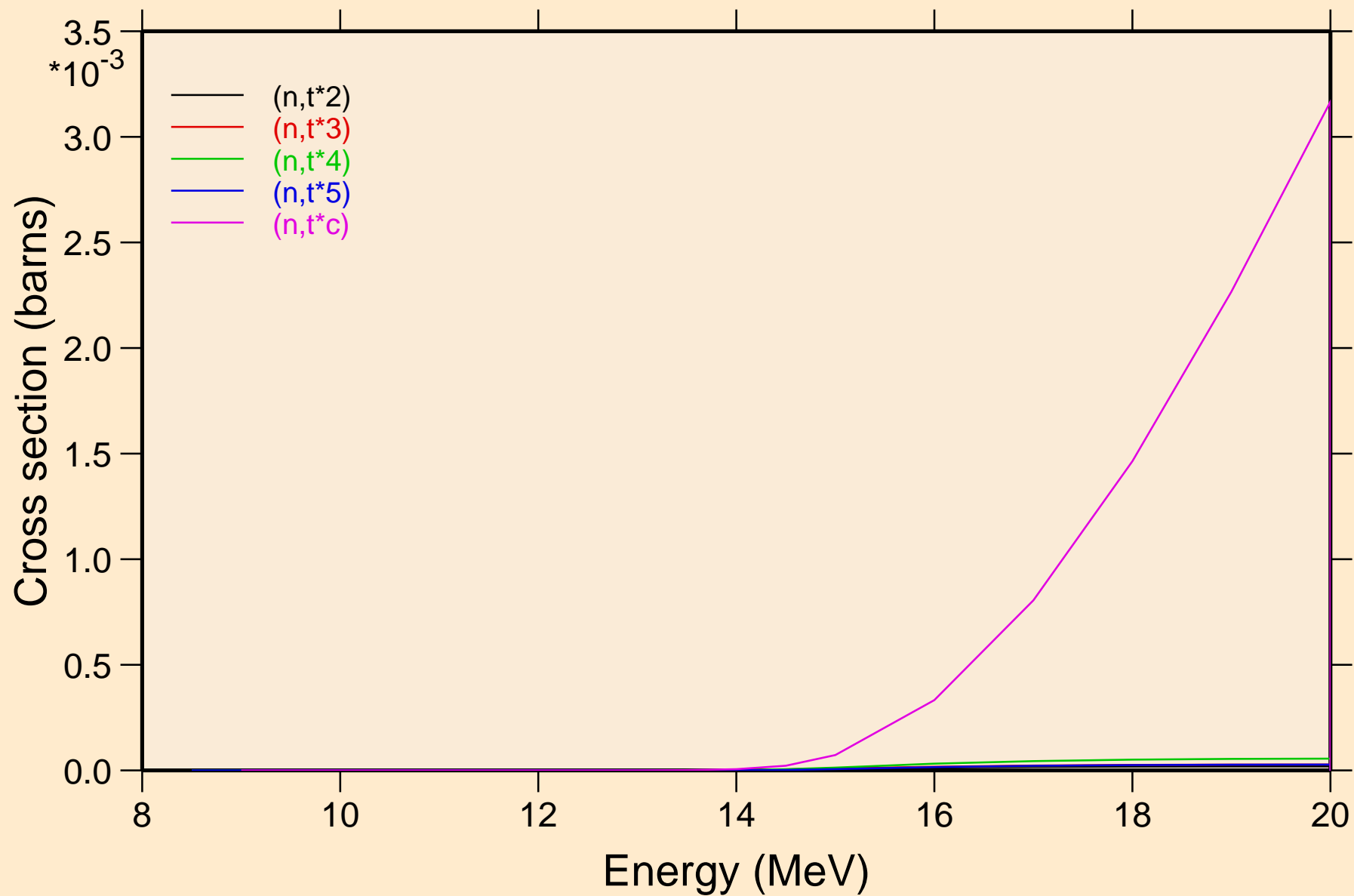
# ENDF/B-VII.1 PB-204

## Threshold reactions



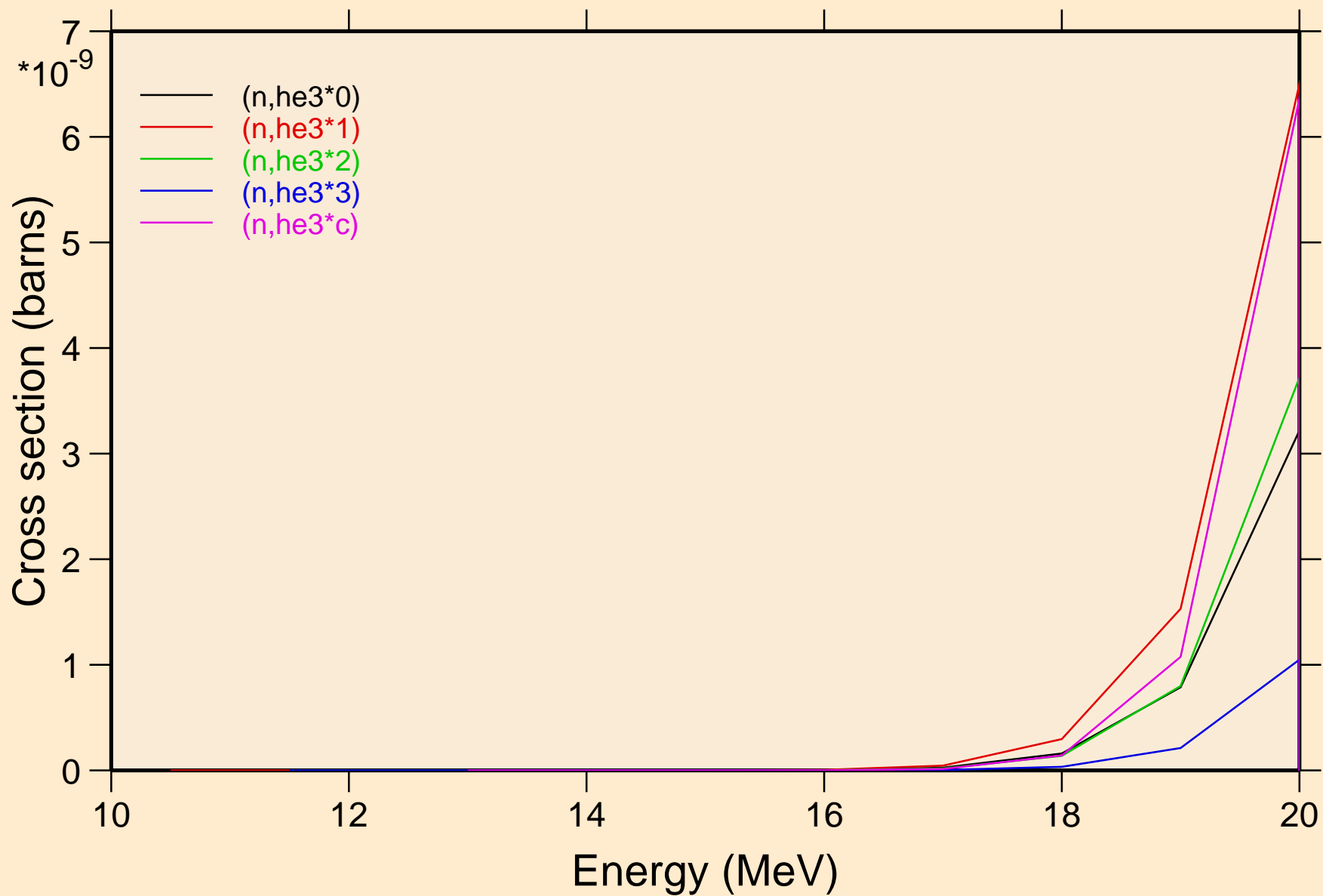
# ENDF/B-VII.1 PB-204

## Threshold reactions

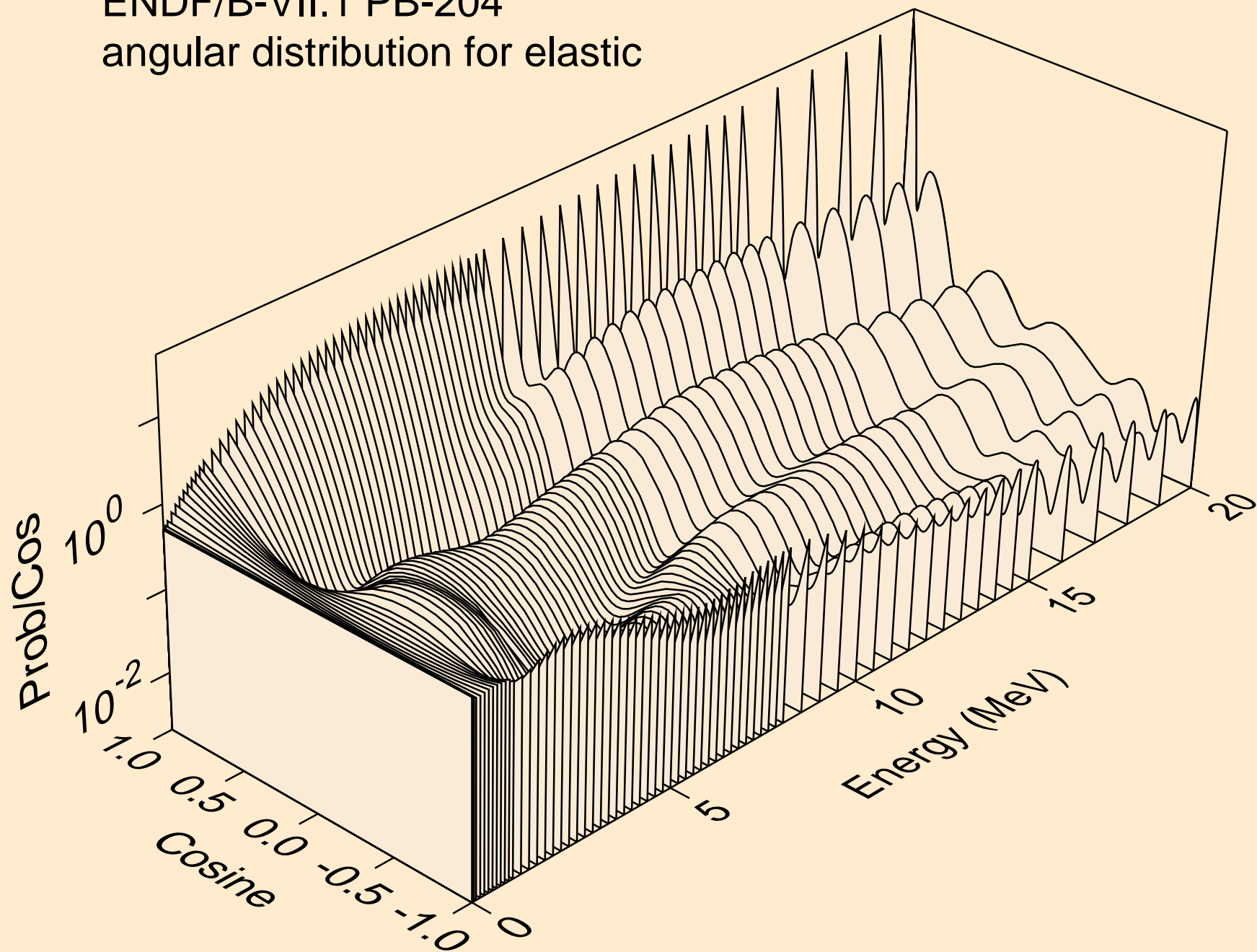


# ENDF/B-VII.1 PB-204

## Threshold reactions

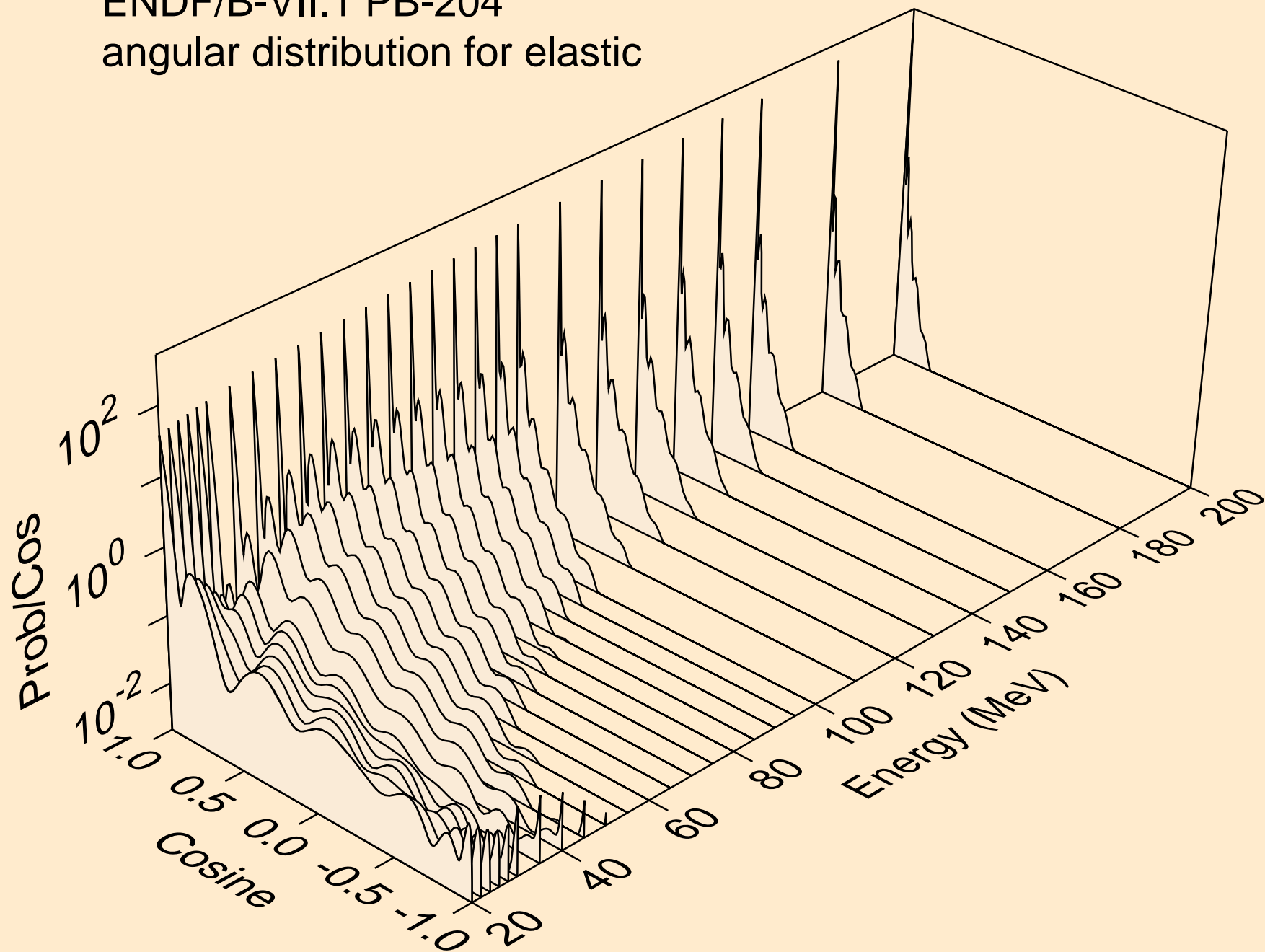


ENDF/B-VII.1 PB-204  
angular distribution for elastic

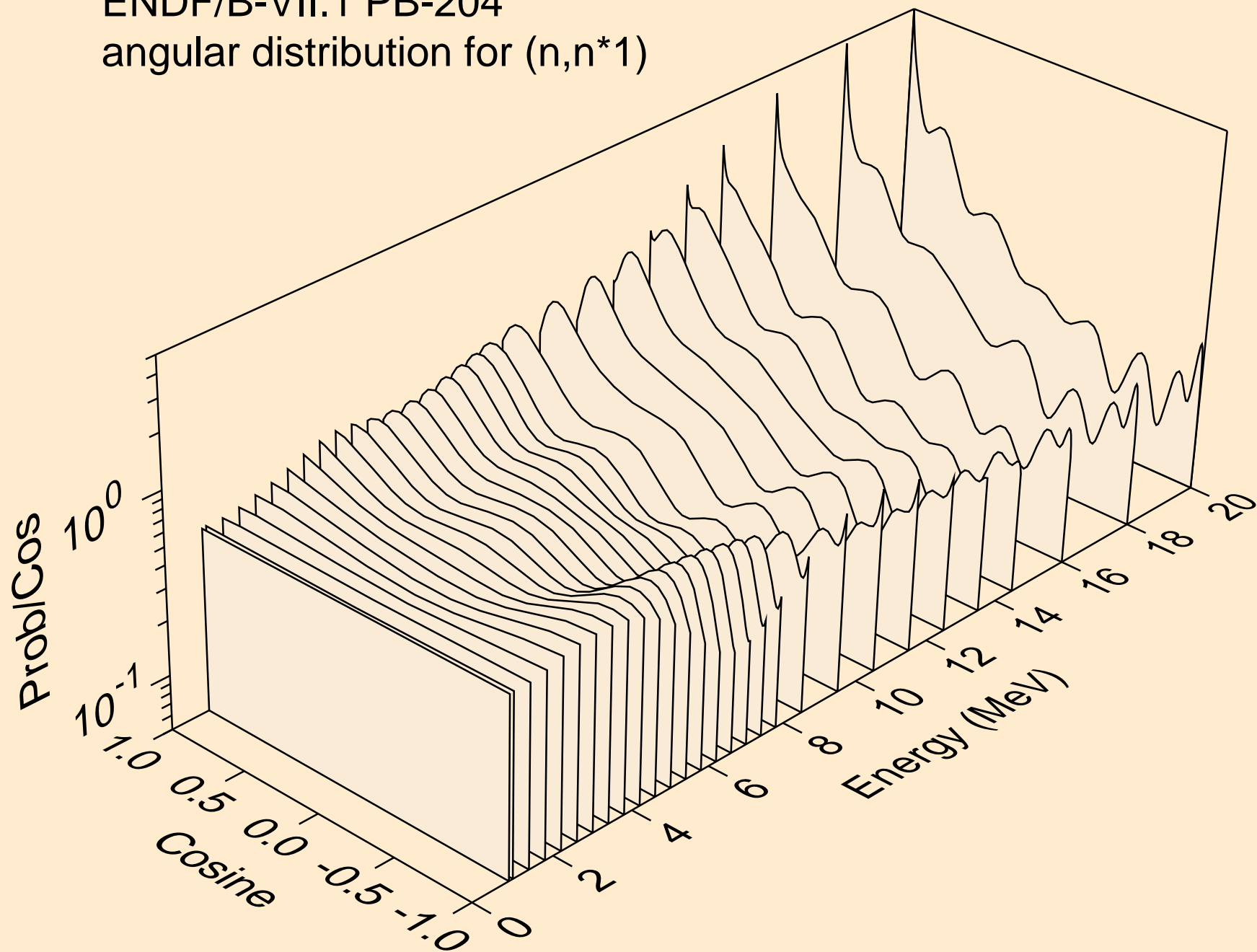




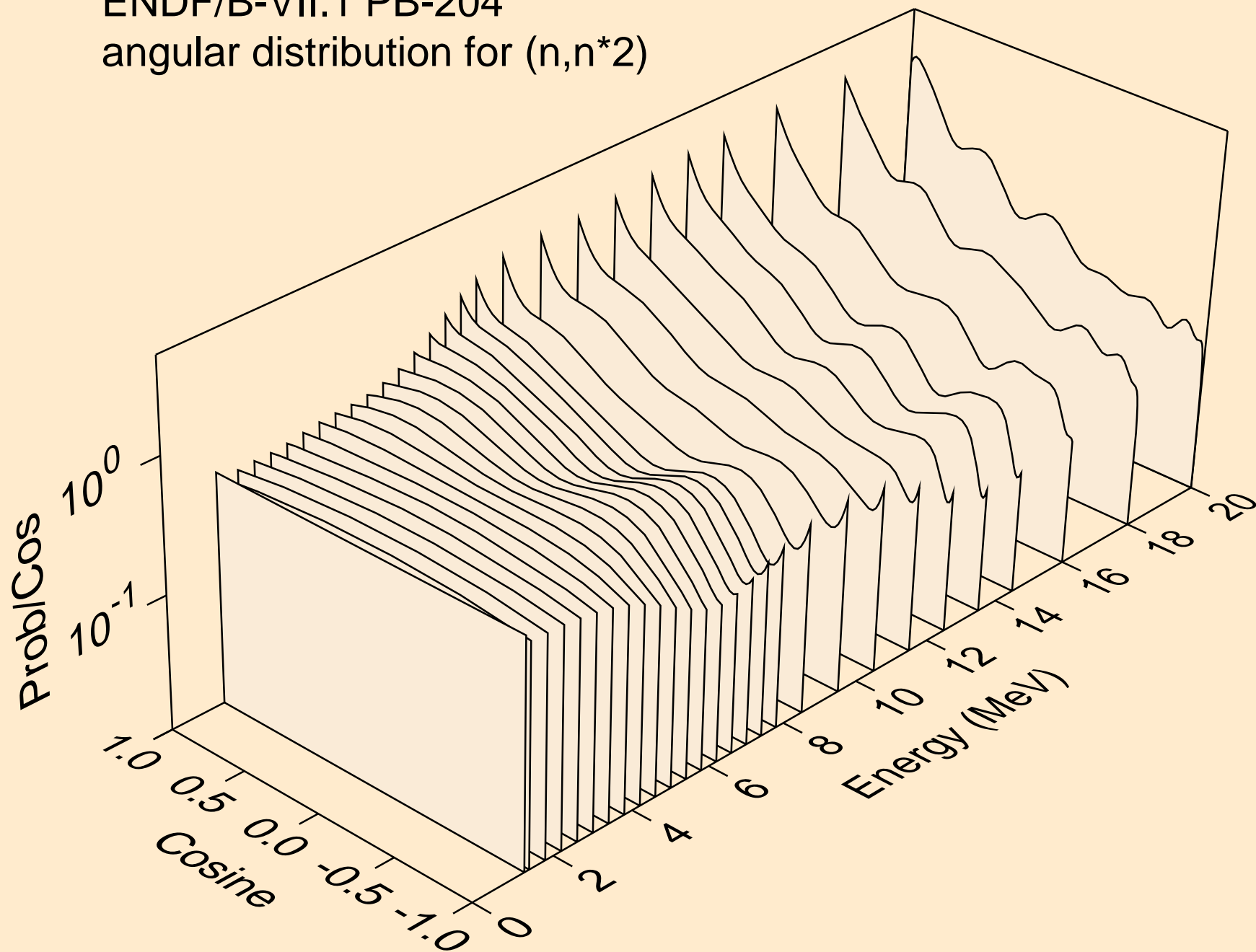
ENDF/B-VII.1 PB-204  
angular distribution for elastic



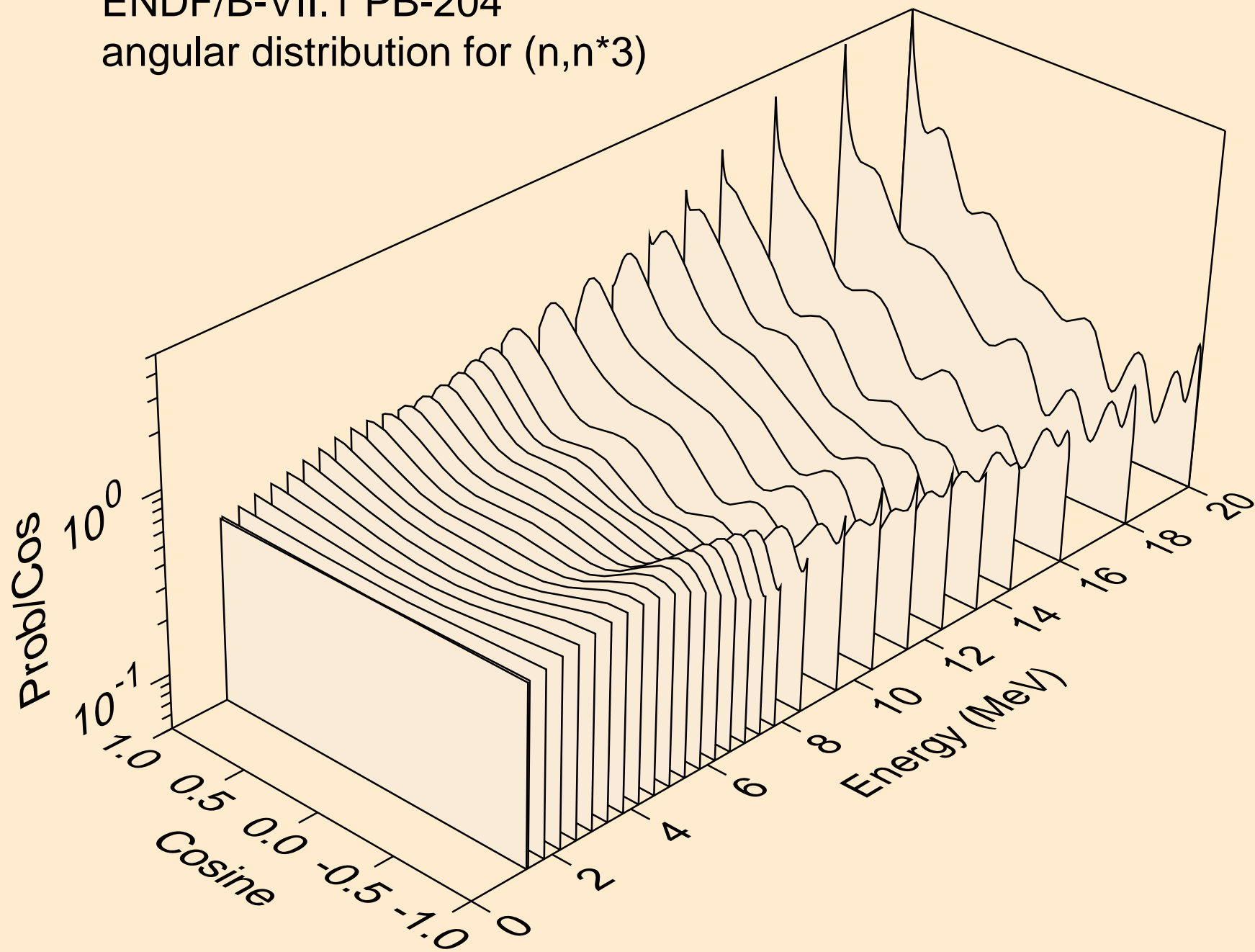
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*1)



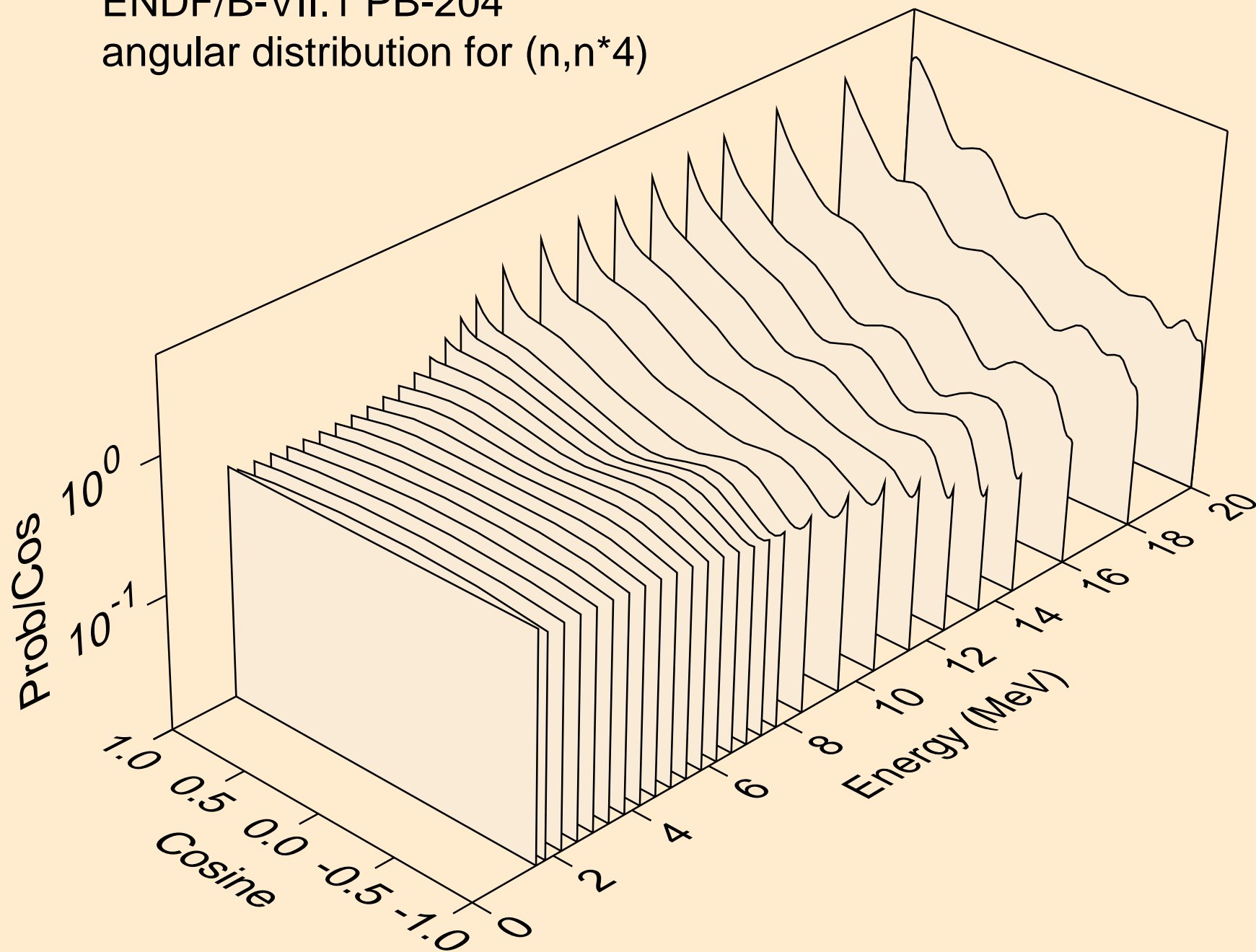
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angular distribution for (n,n\*2)



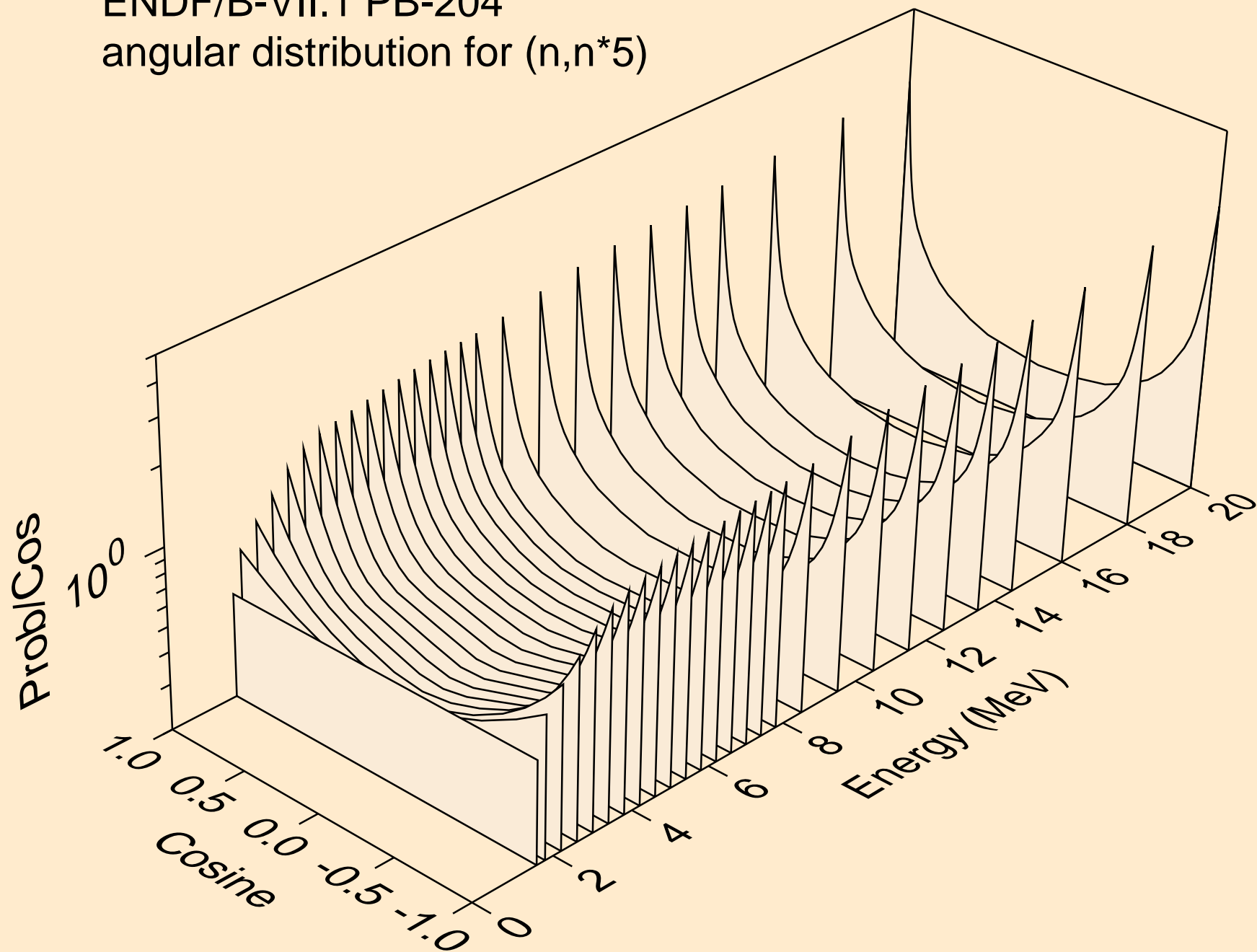
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angular distribution for (n,n\*3)



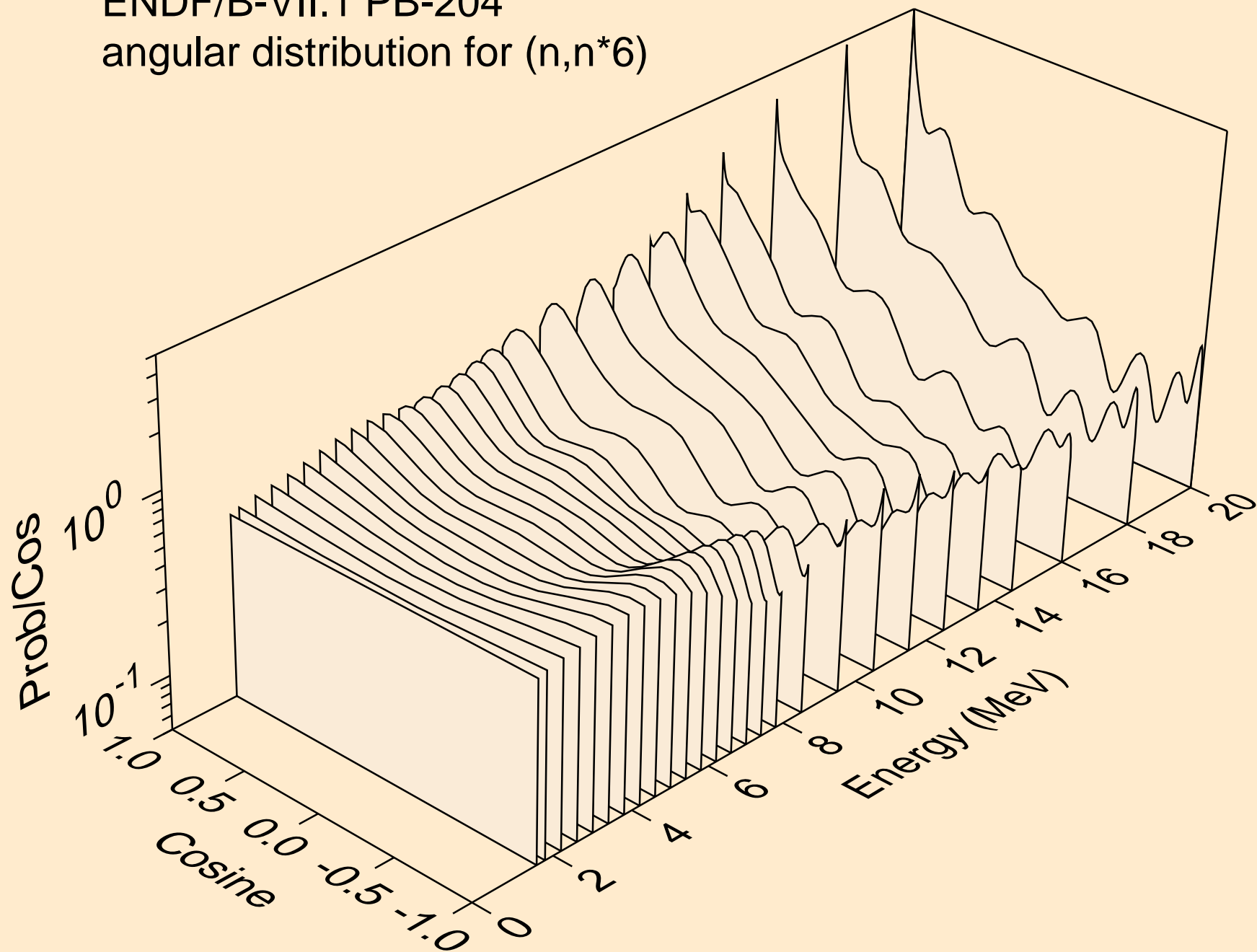
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*4)



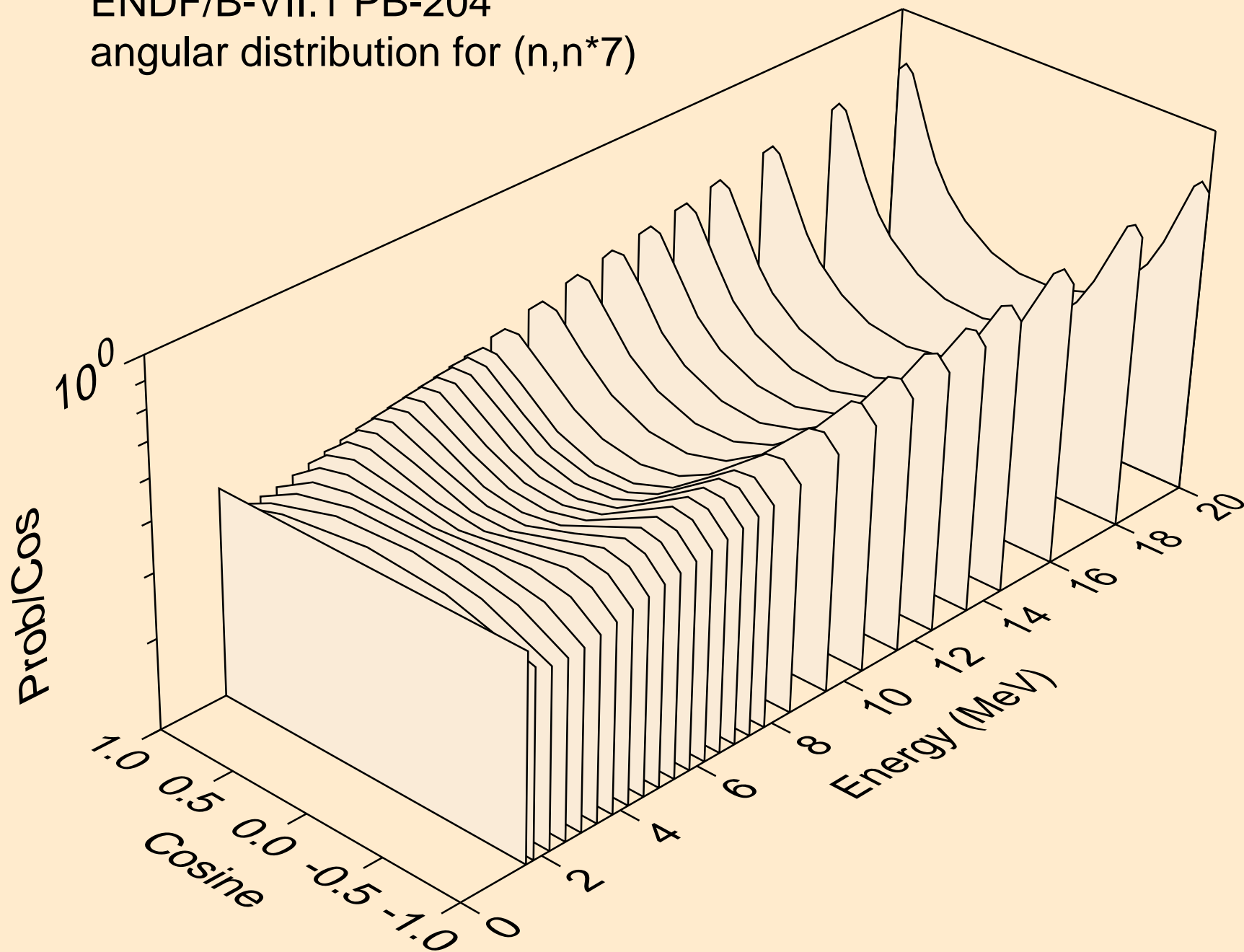
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*5)



ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*6)

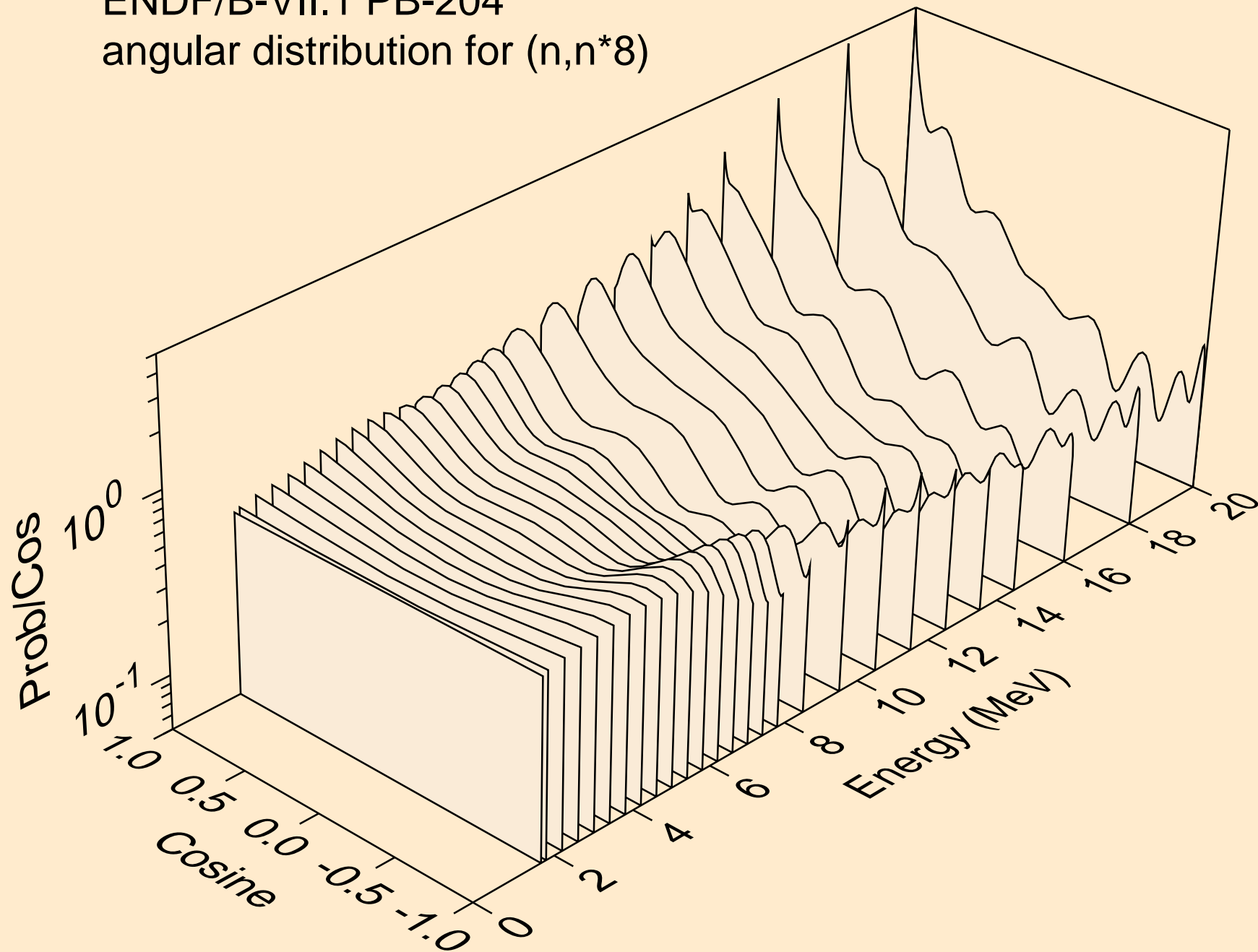


ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*7)

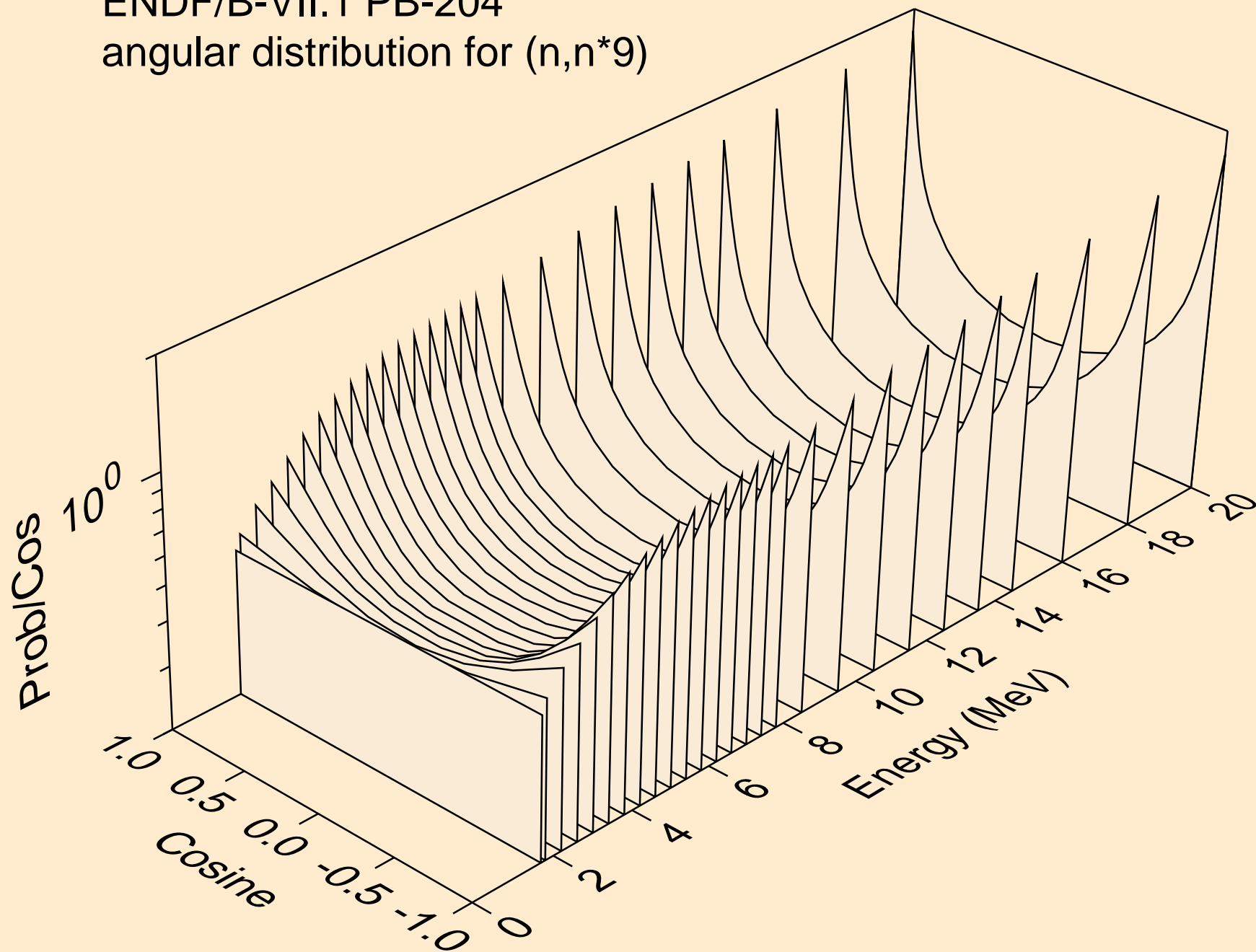




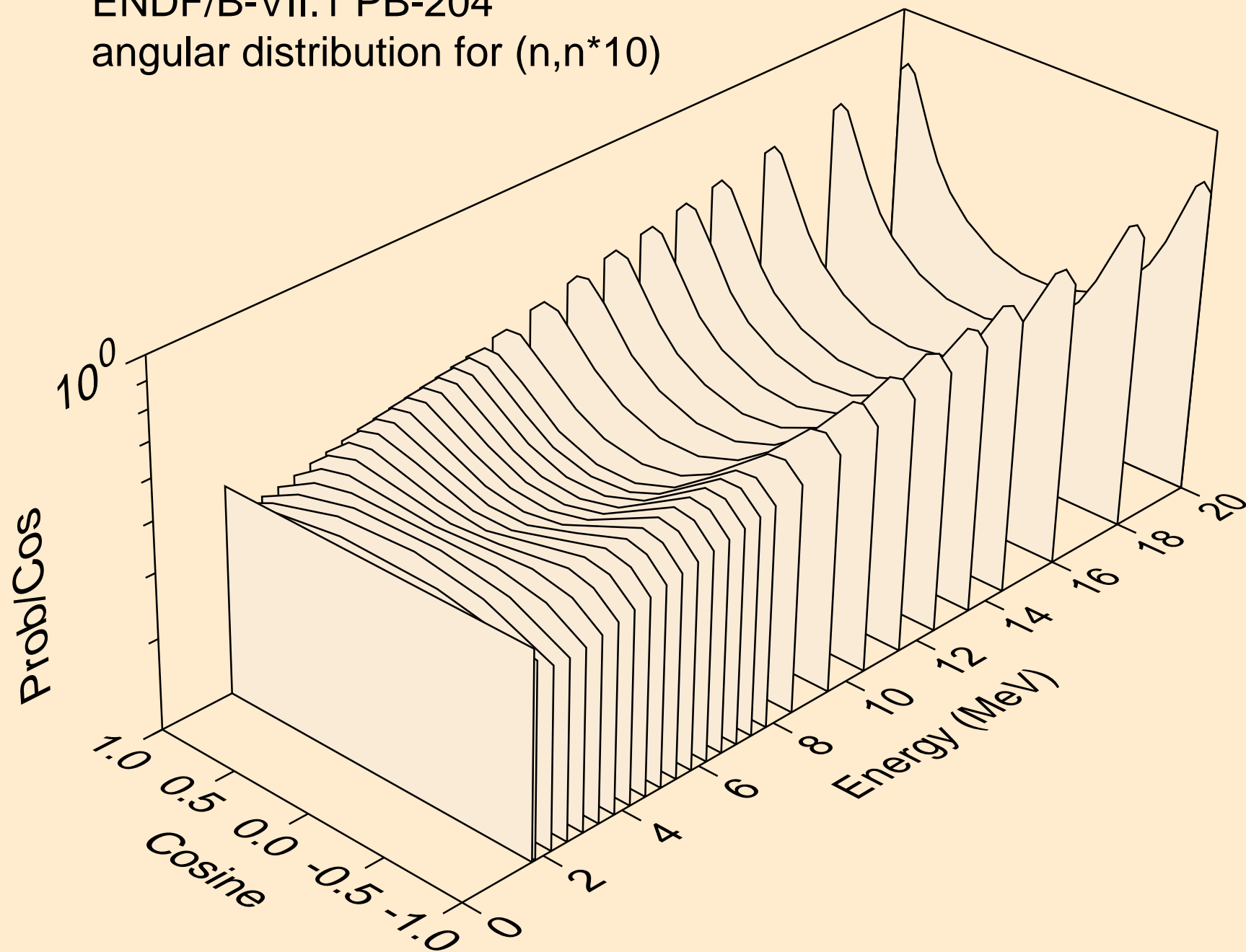
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angular distribution for (n,n\*8)



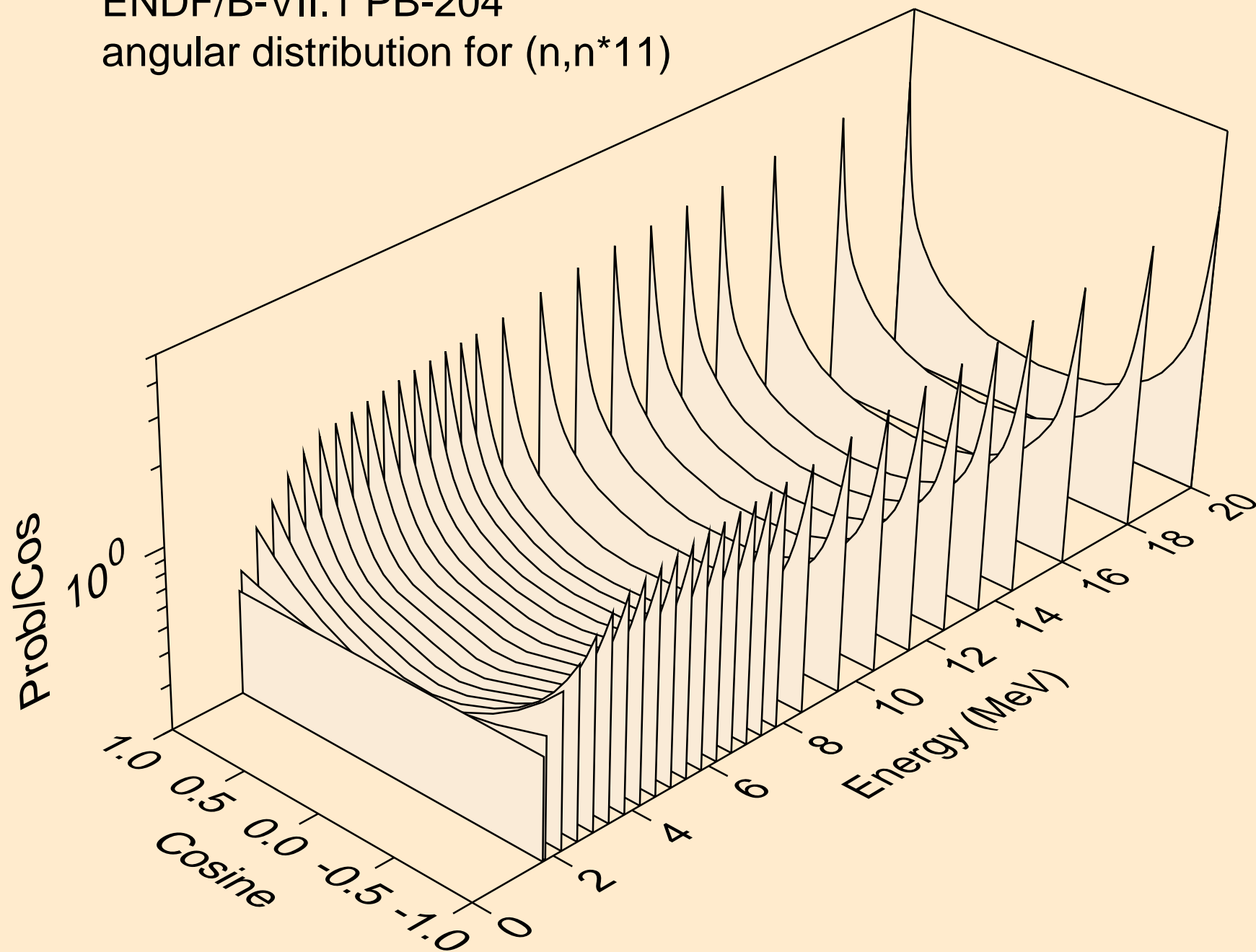
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angular distribution for (n,n\*9)



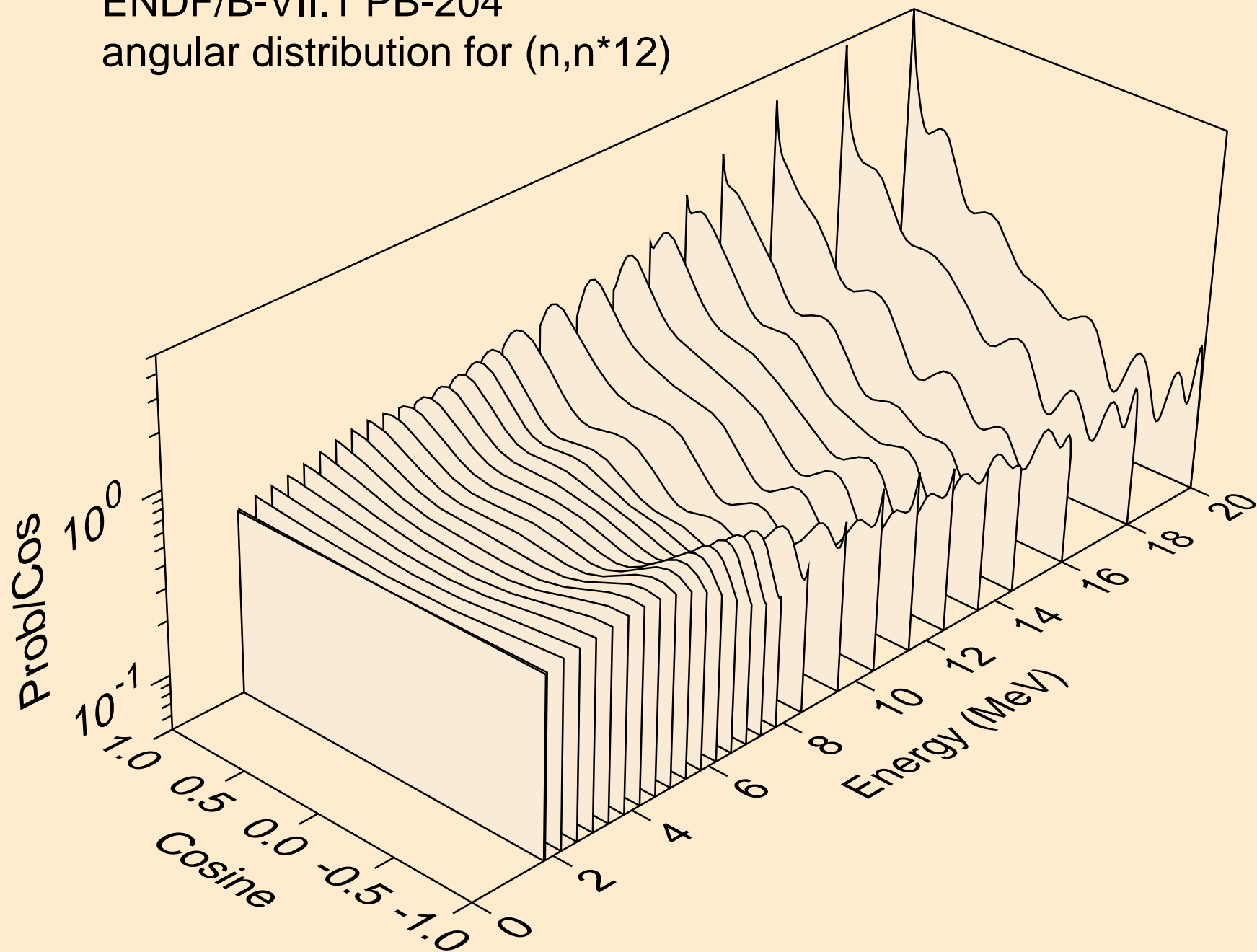
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angular distribution for (n,n\*10)



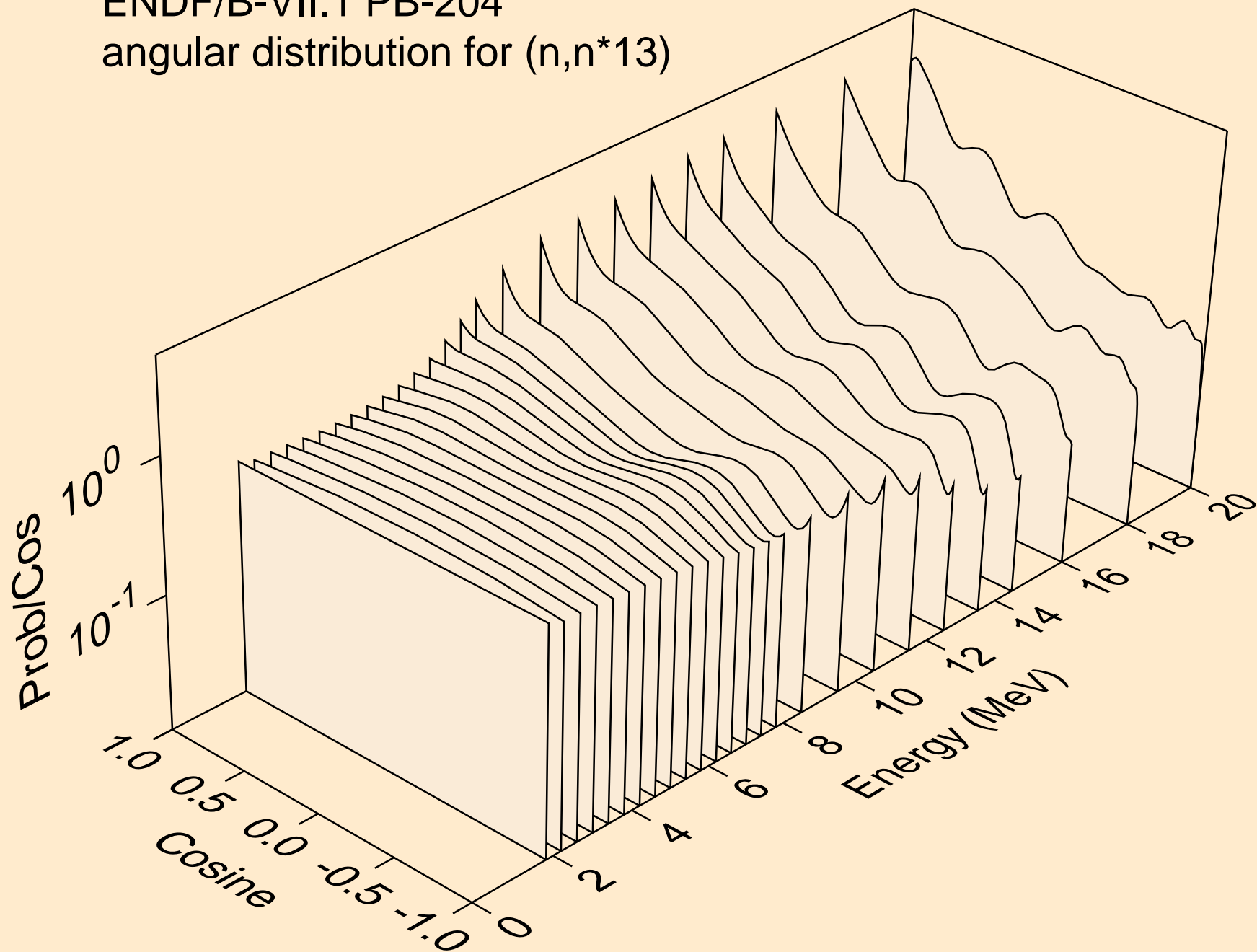
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*11)



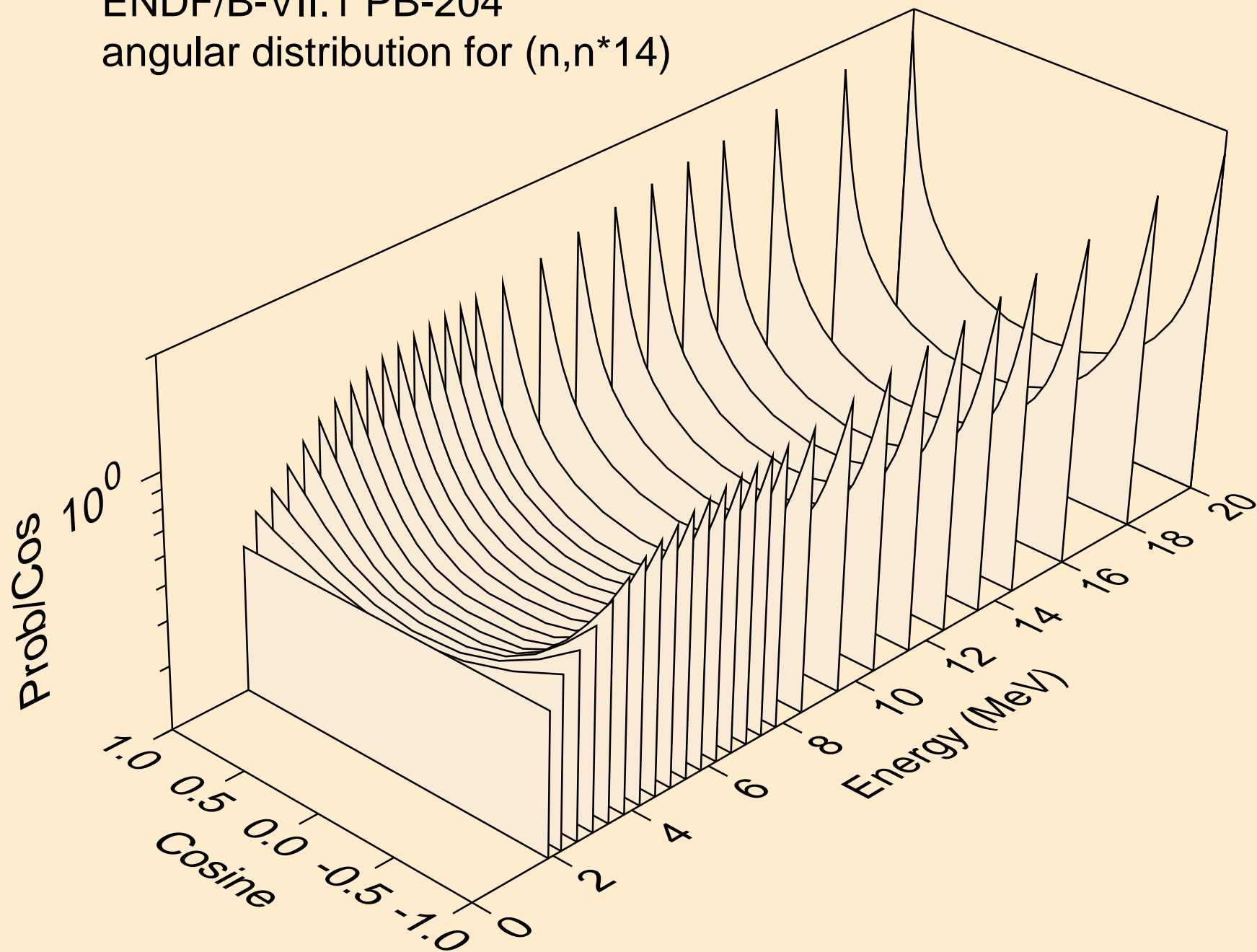
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*12)



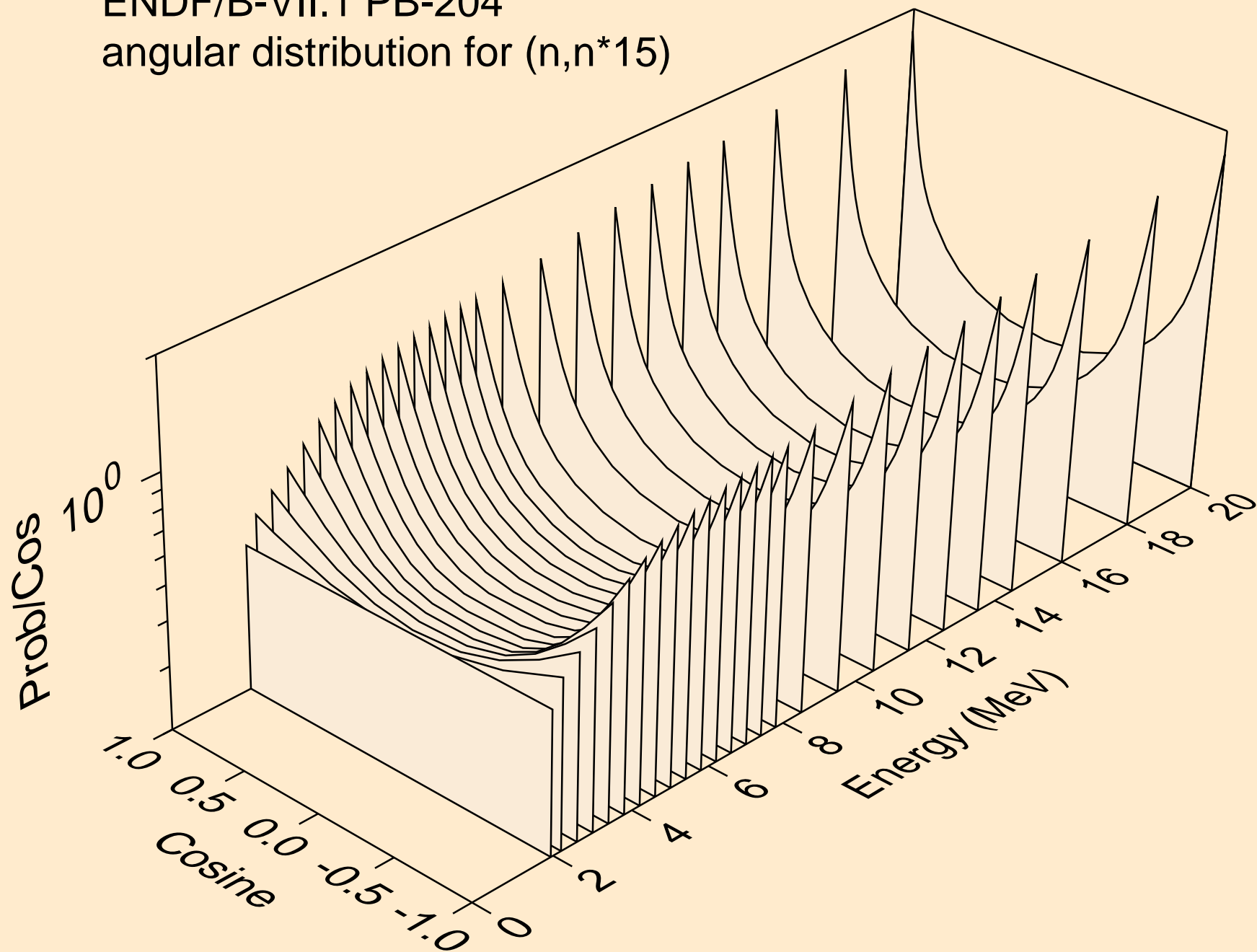
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*13)



ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*14)

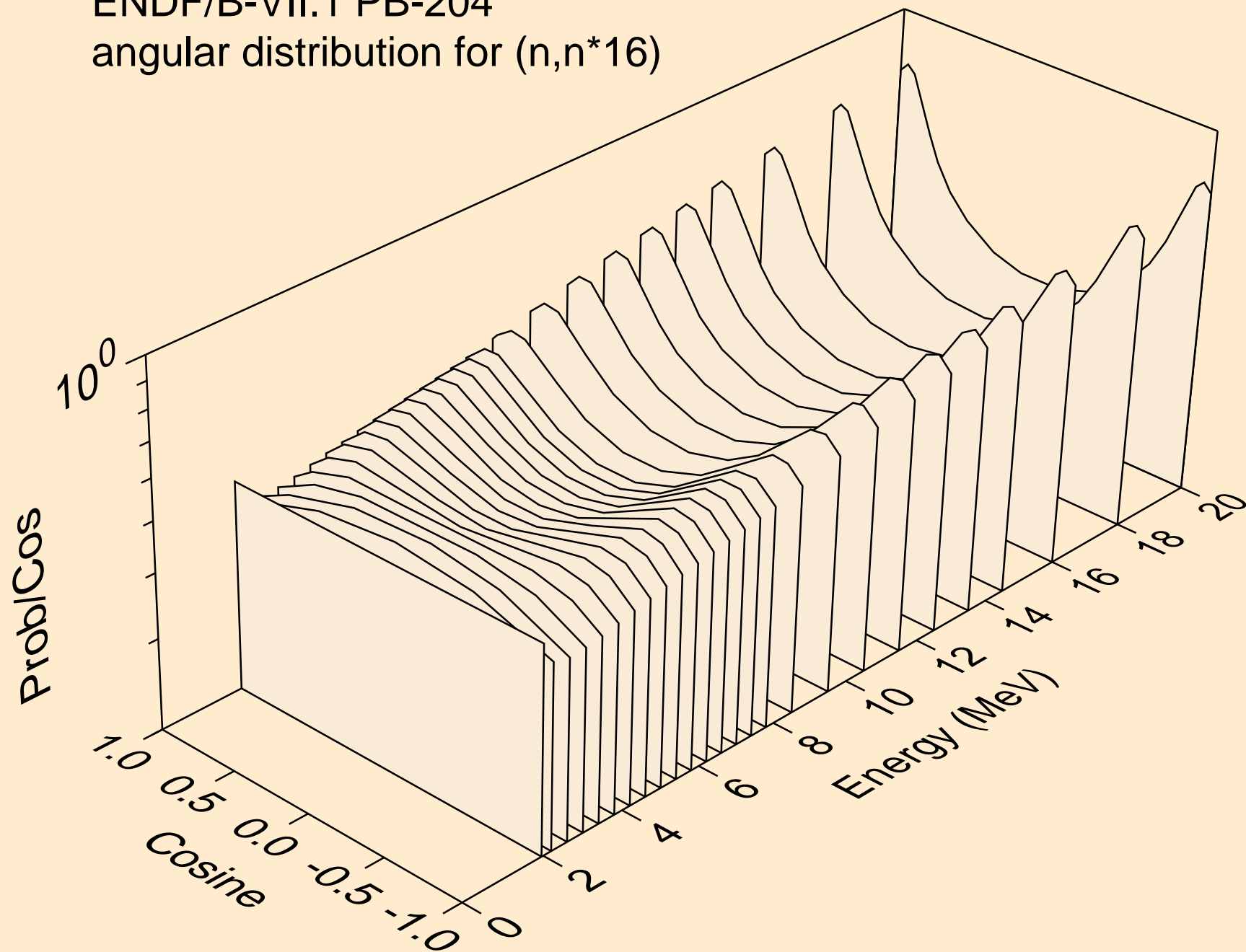


ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*15)

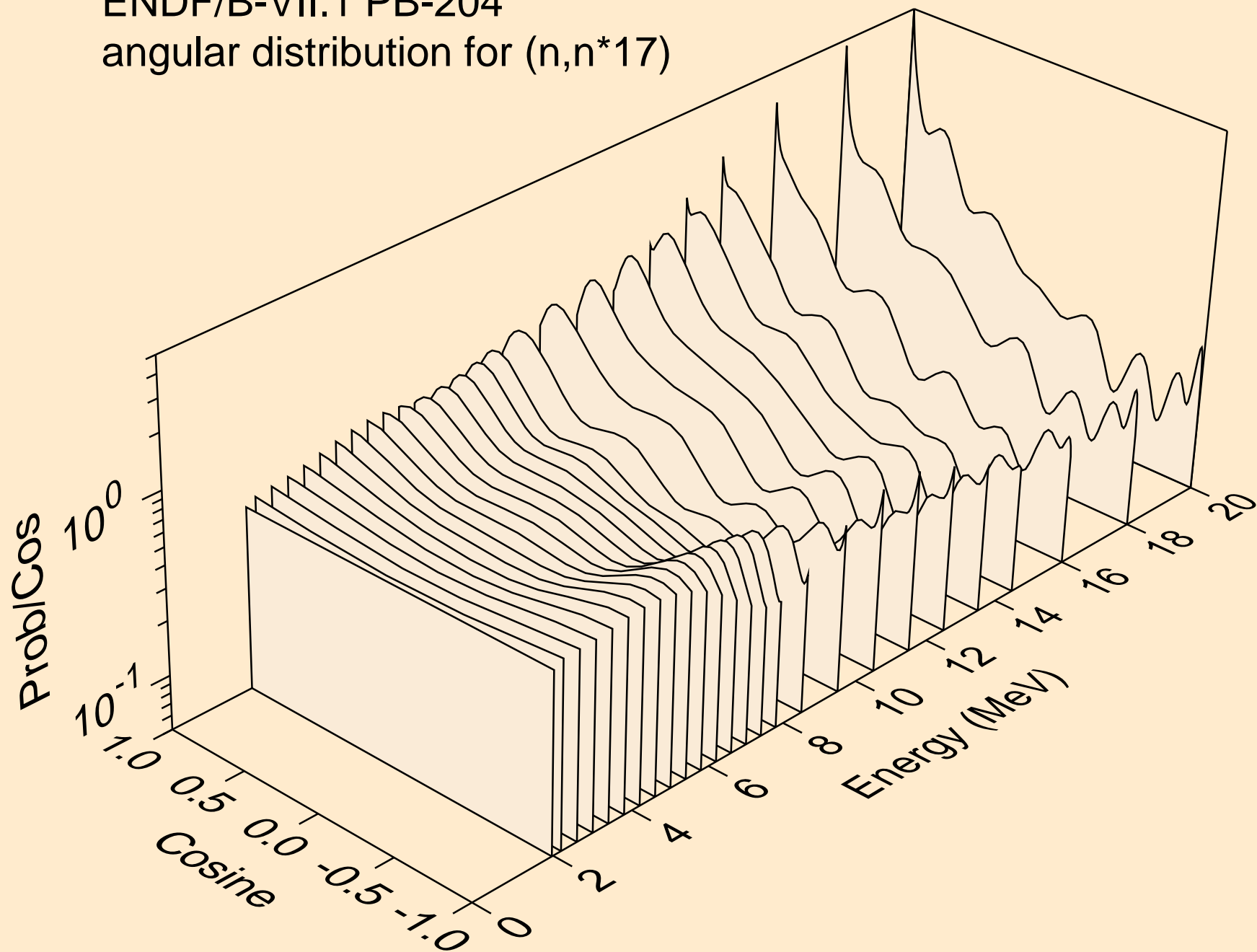




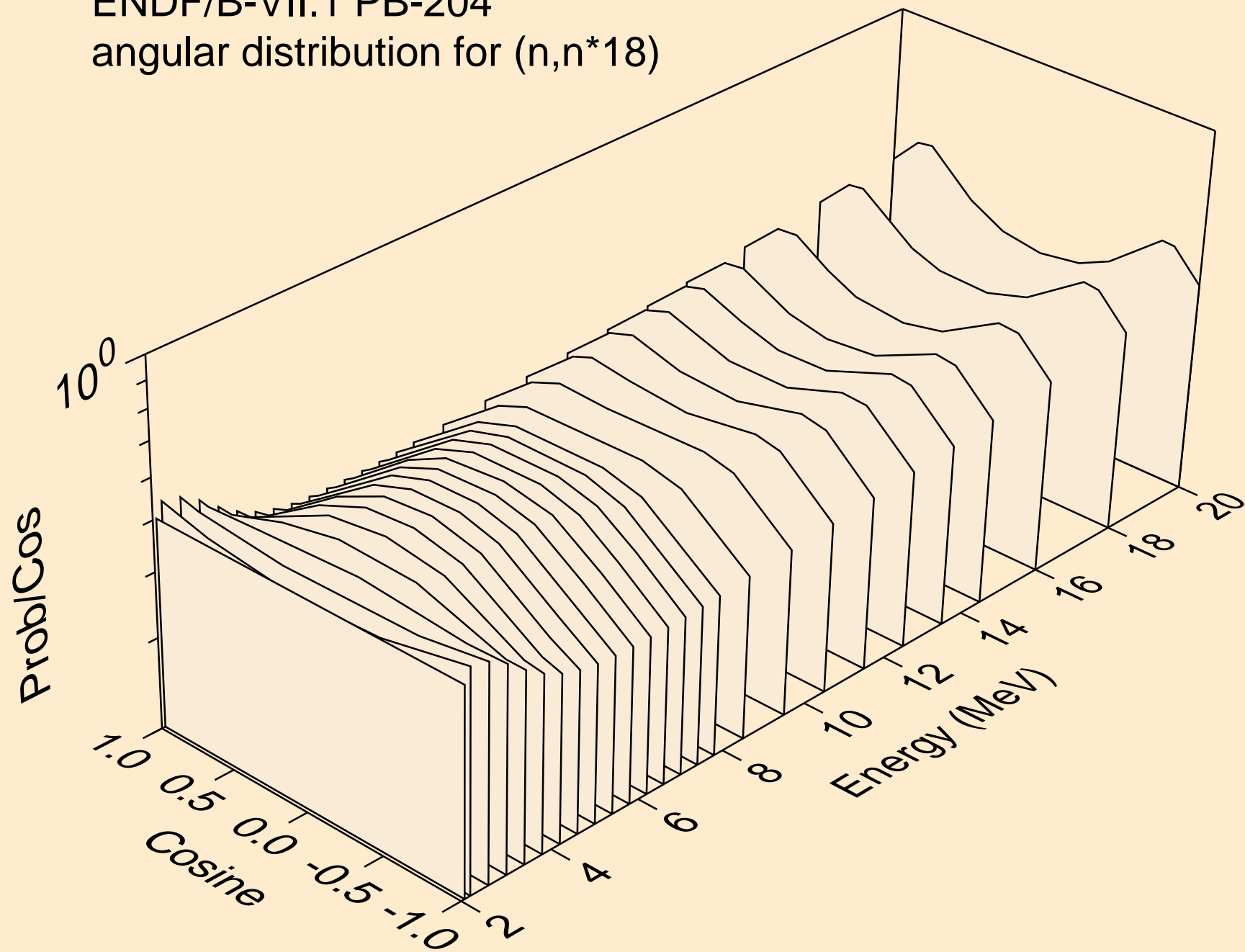
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angular distribution for (n,n\*16)



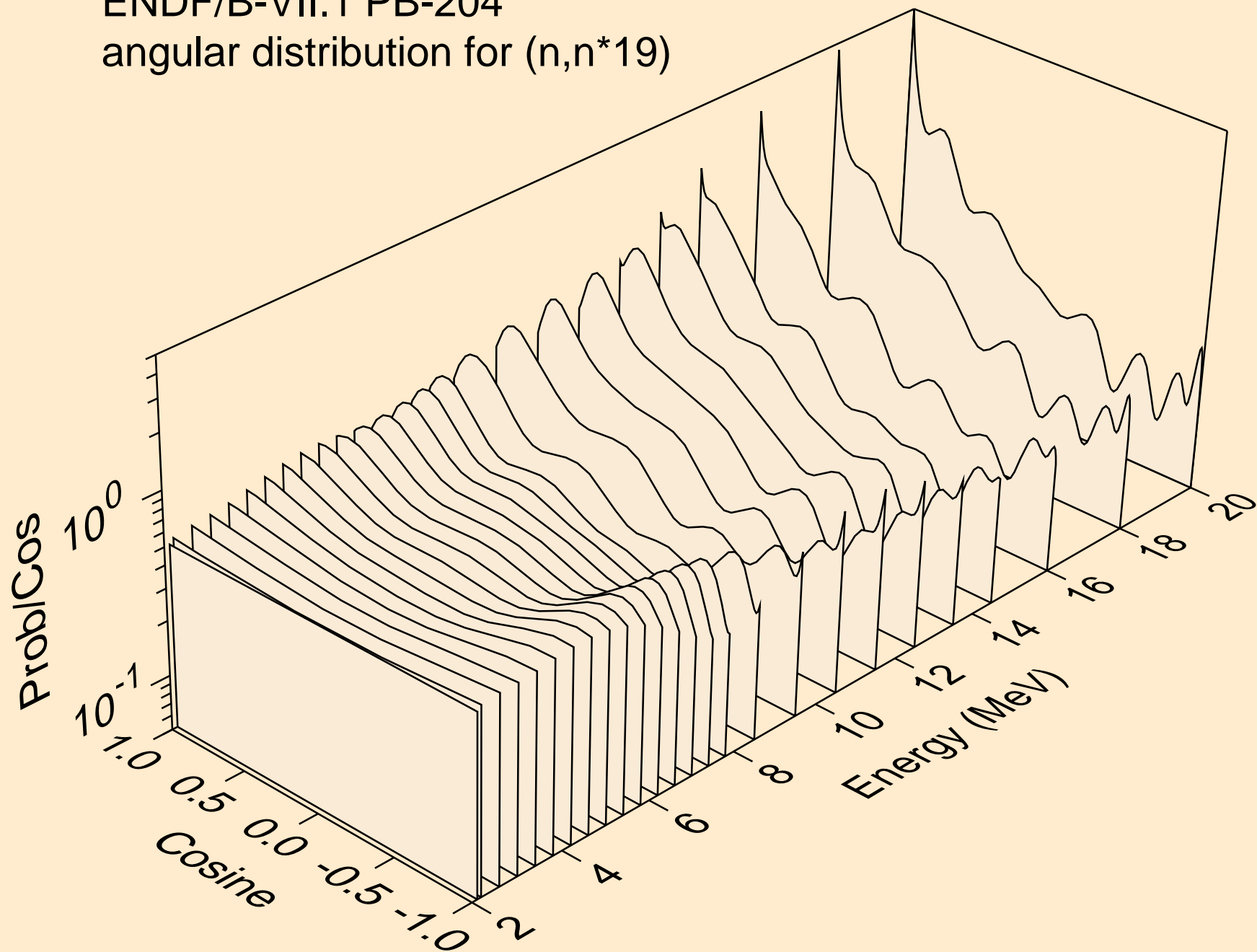
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angular distribution for (n,n\*17)



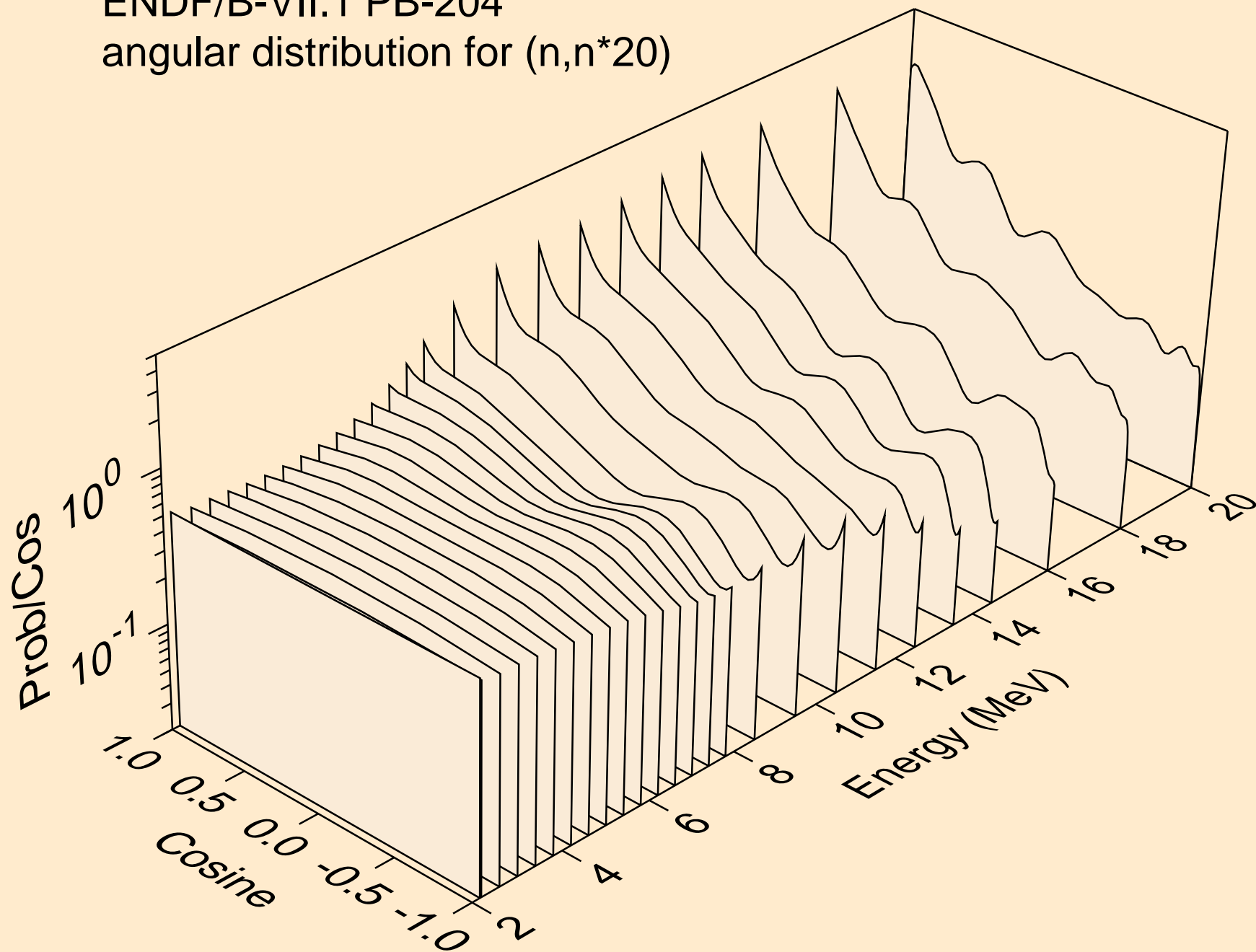
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angular distribution for (n,n\*18)



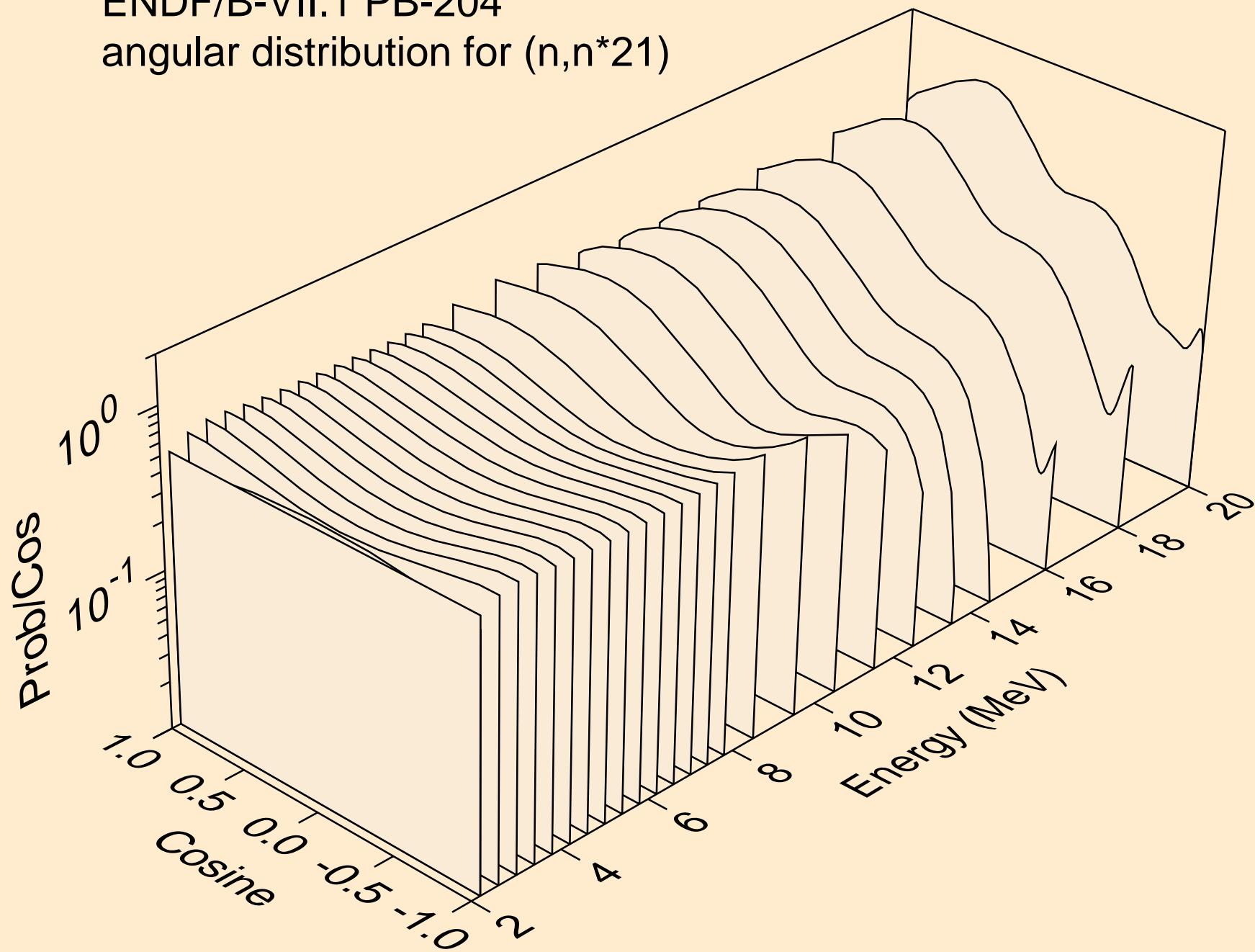
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*19)



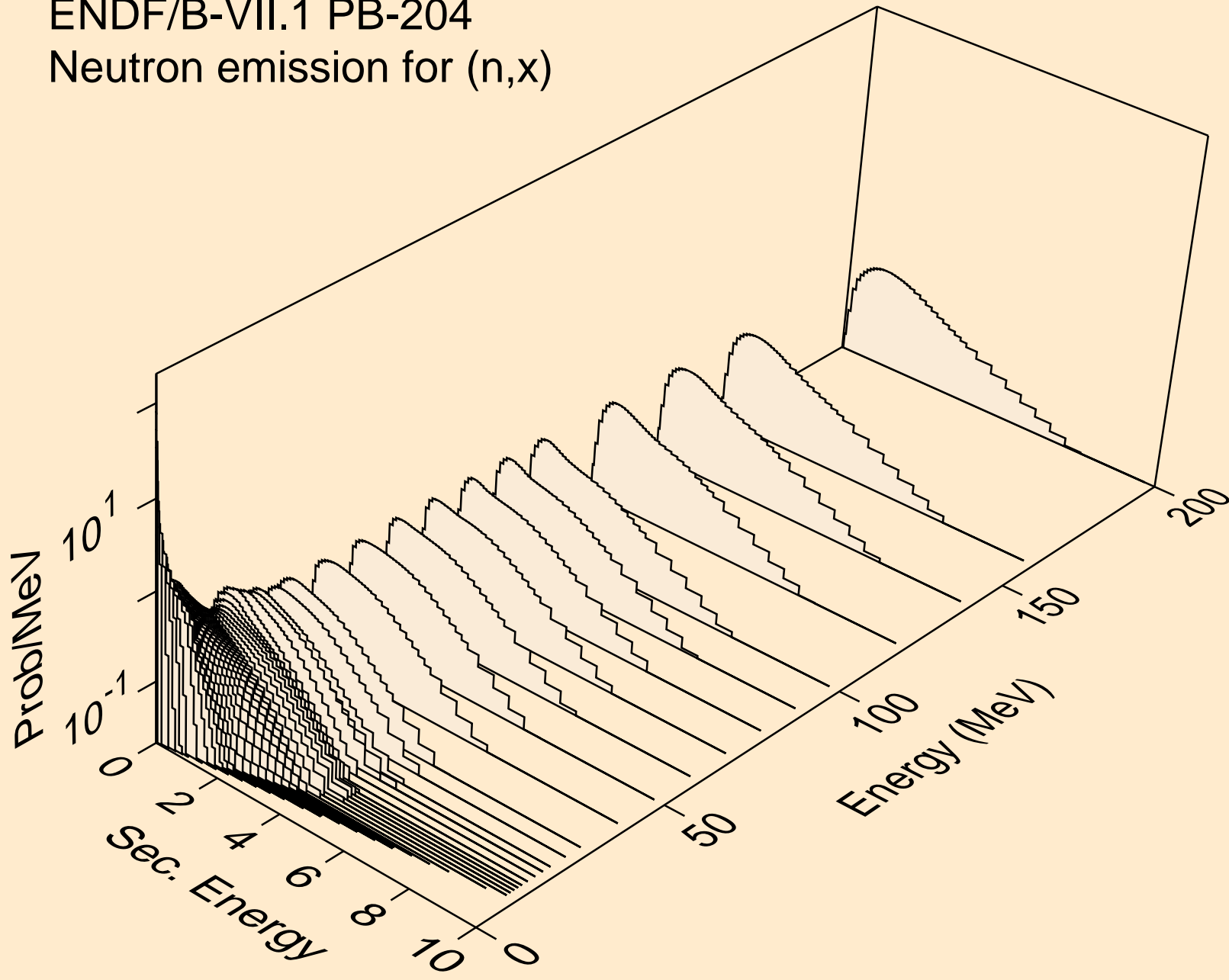
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*20)



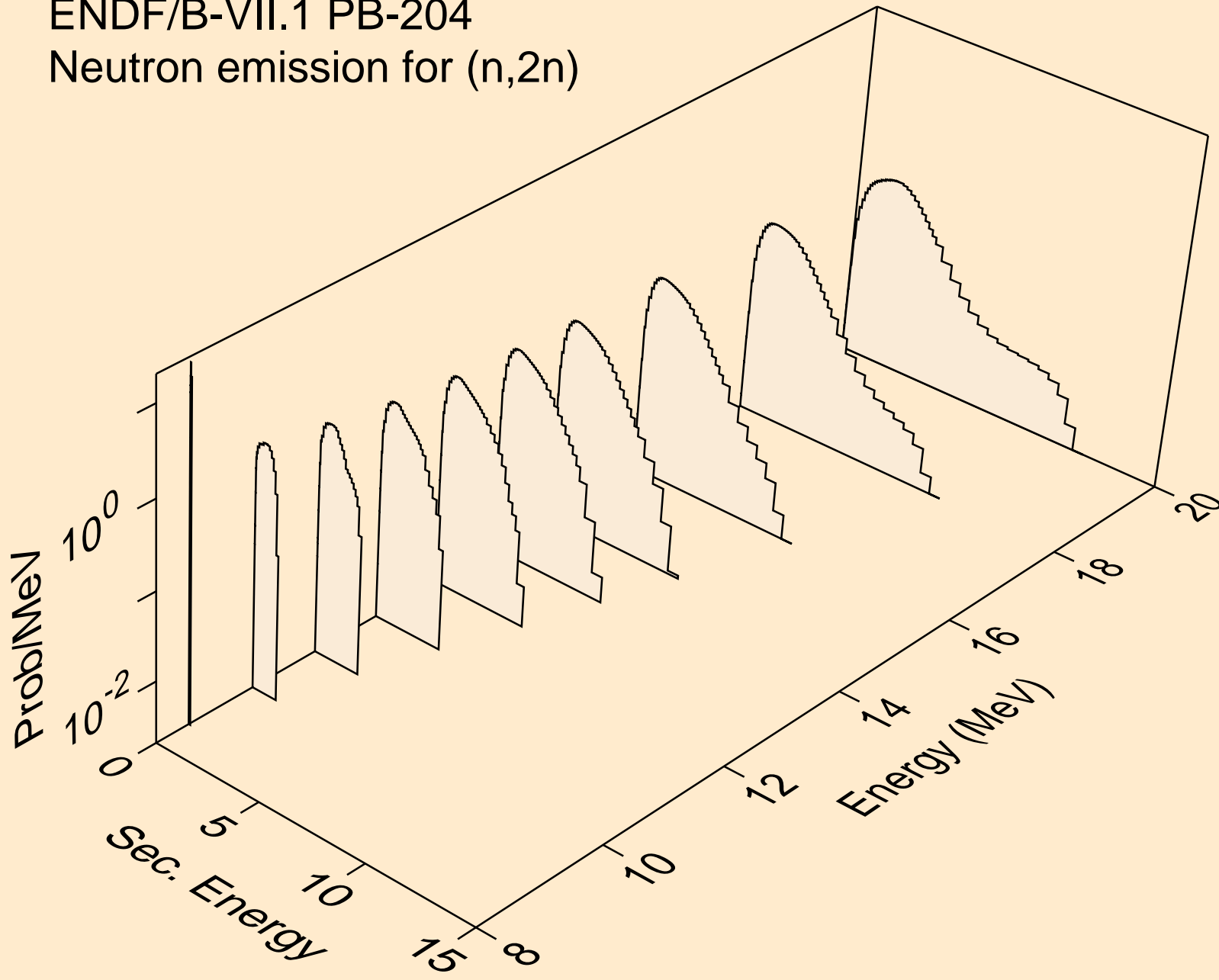
ENDF/B-VII.1 PB-204  
angular distribution for (n,n\*21)



ENDF/B-VII.1 PB-204  
Neutron emission for (n,x)

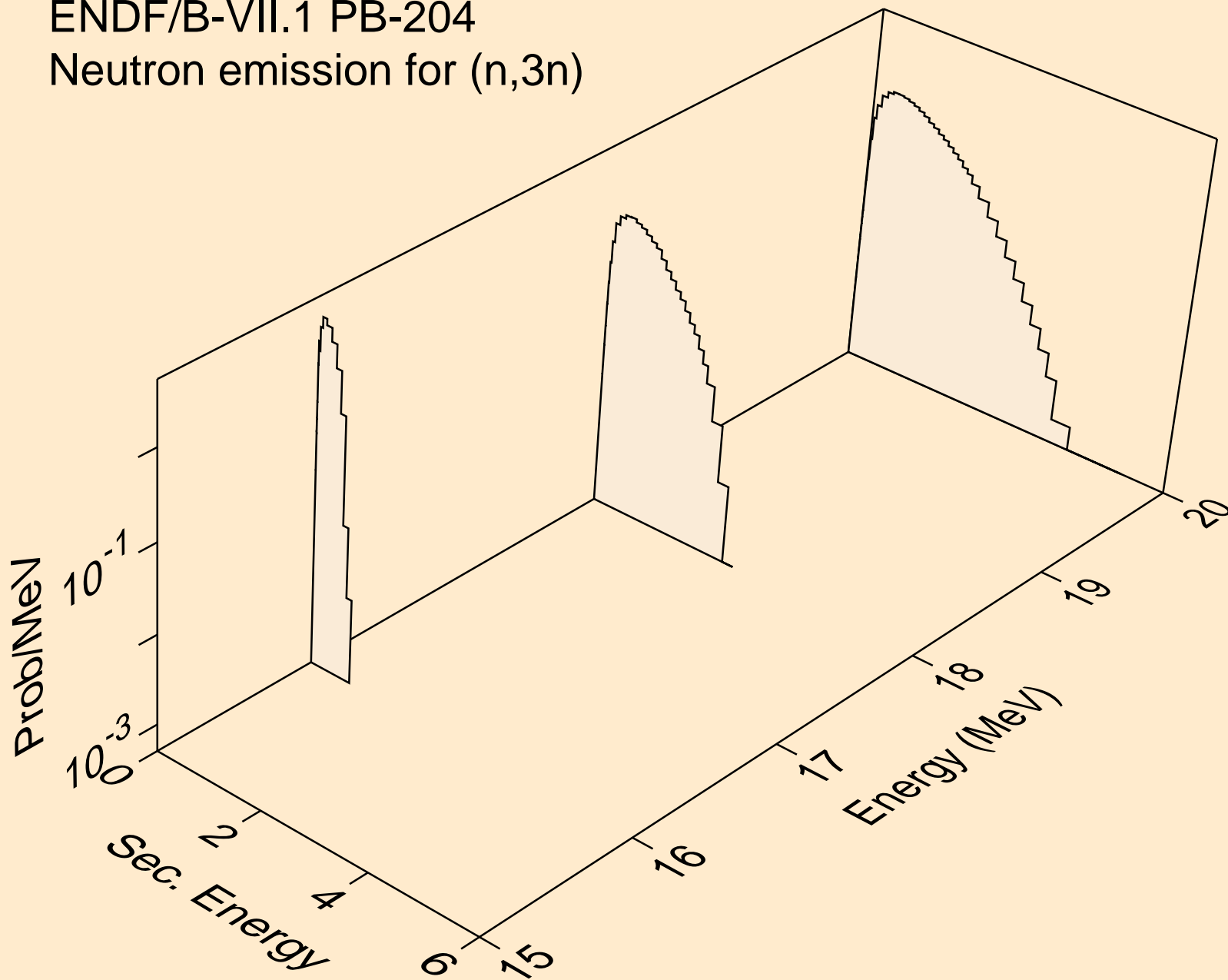


ENDF/B-VII.1 PB-204  
Neutron emission for (n,2n)

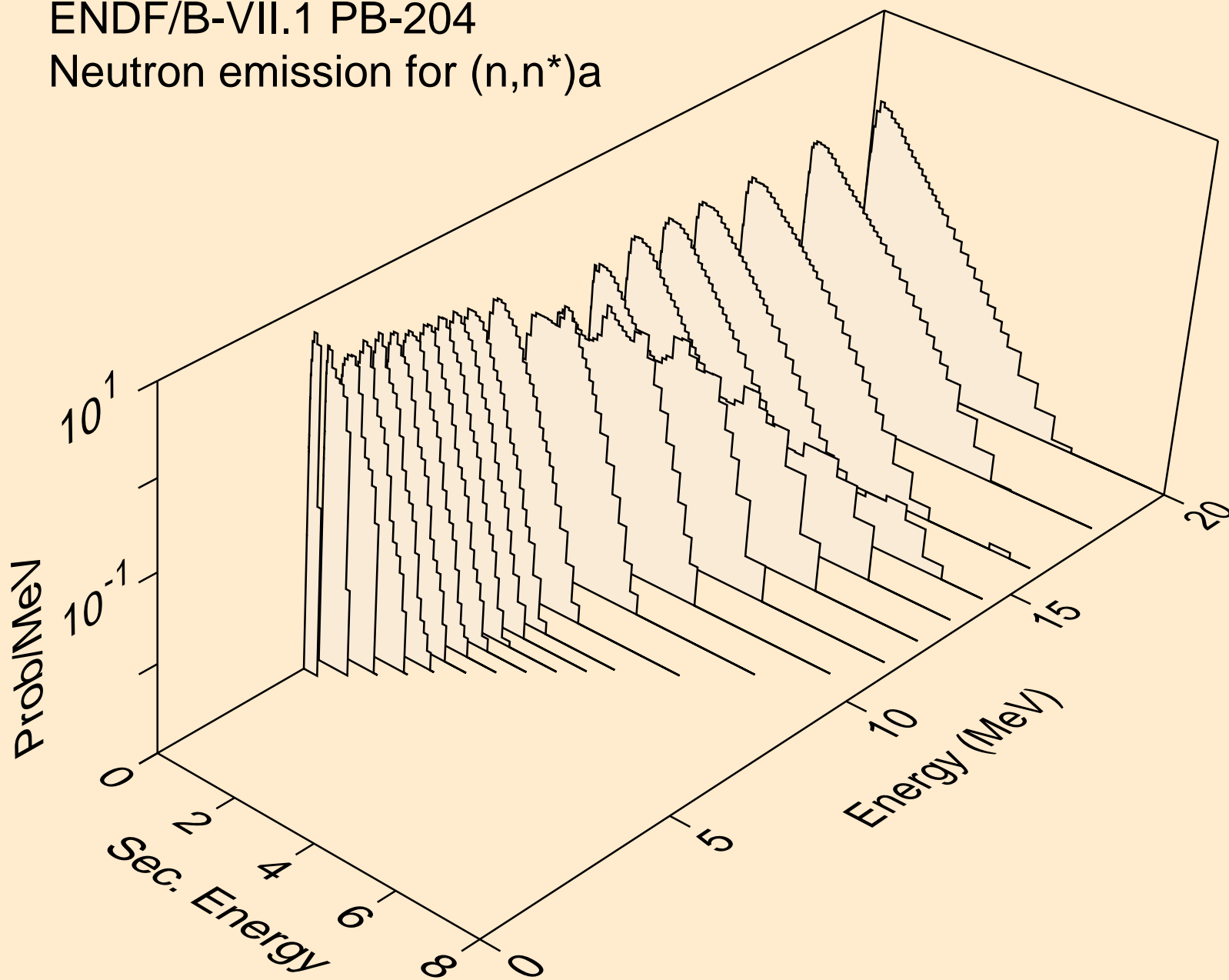




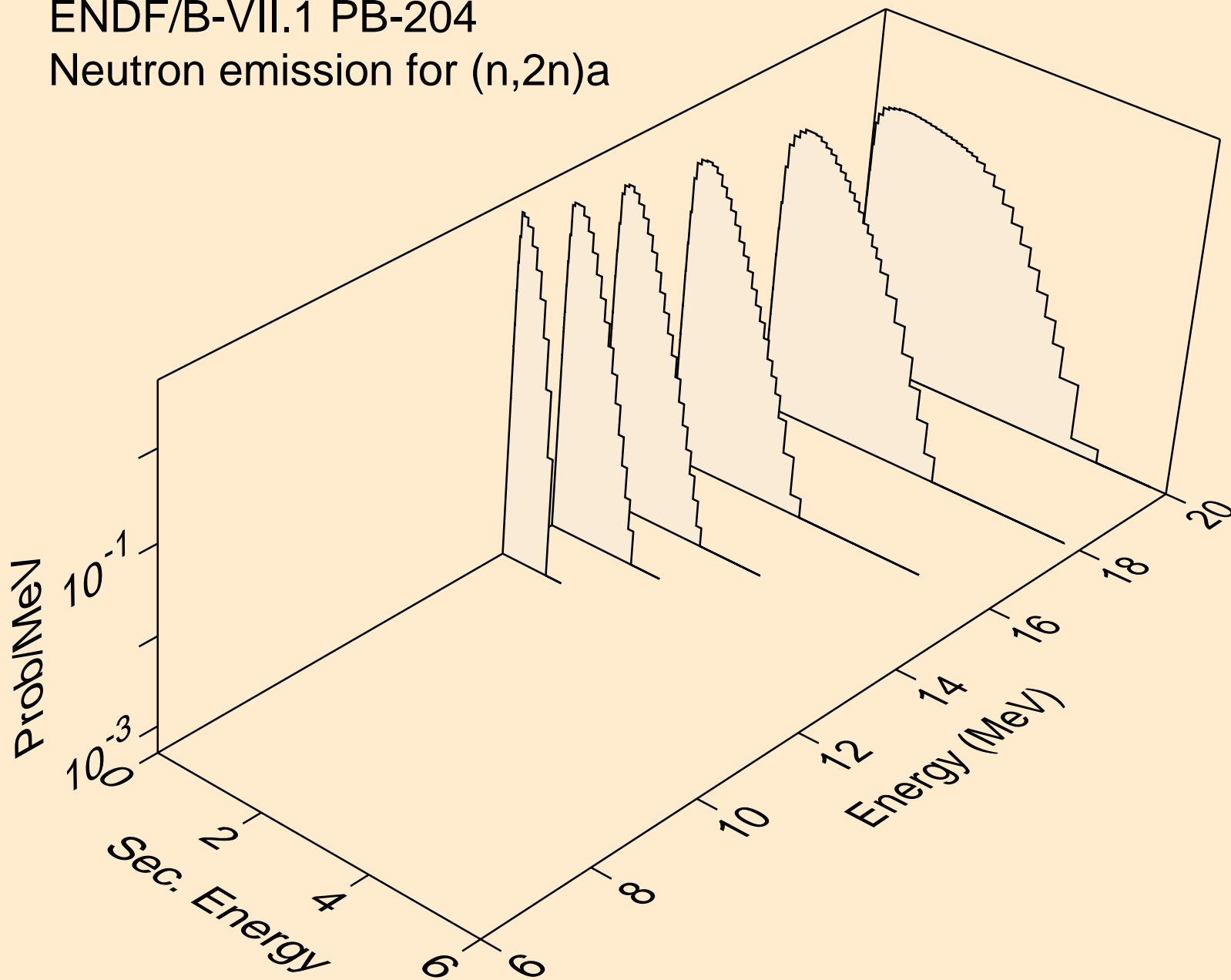
ENDF/B-VII.1 PB-204  
Neutron emission for (n,3n)



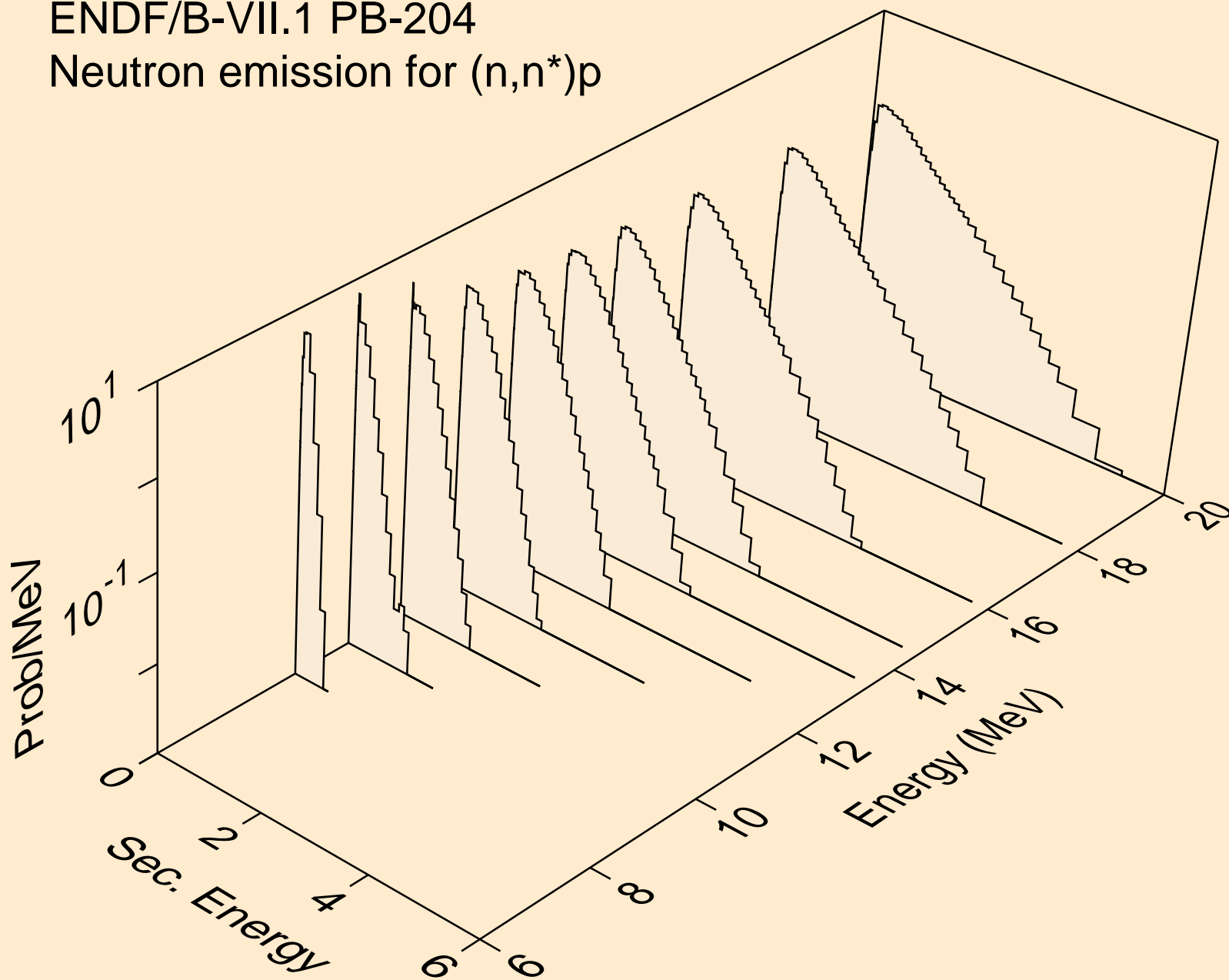
ENDF/B-VII.1 PB-204  
Neutron emission for (n,n\*)a



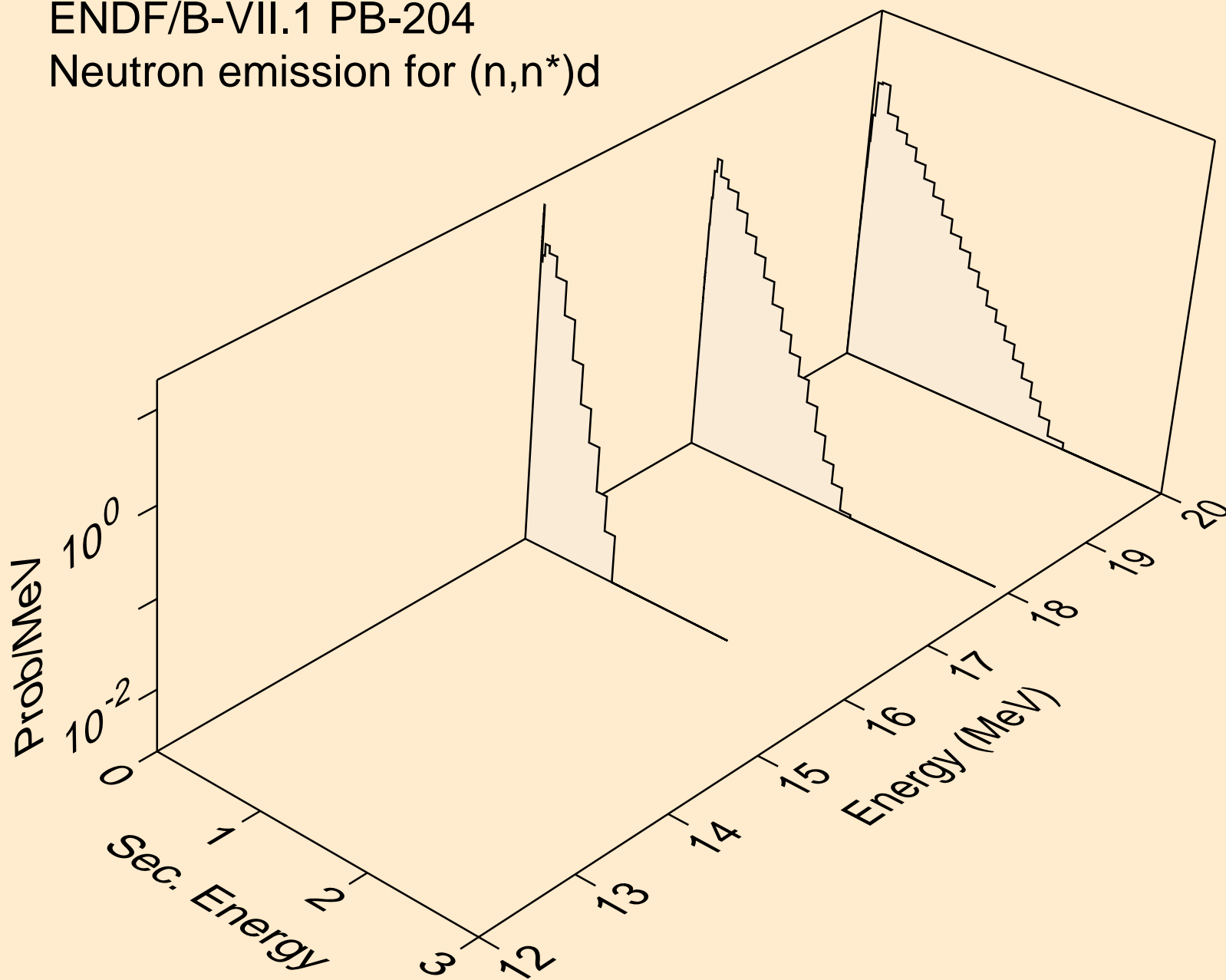
ENDF/B-VII.1 PB-204  
Neutron emission for (n,2n)a



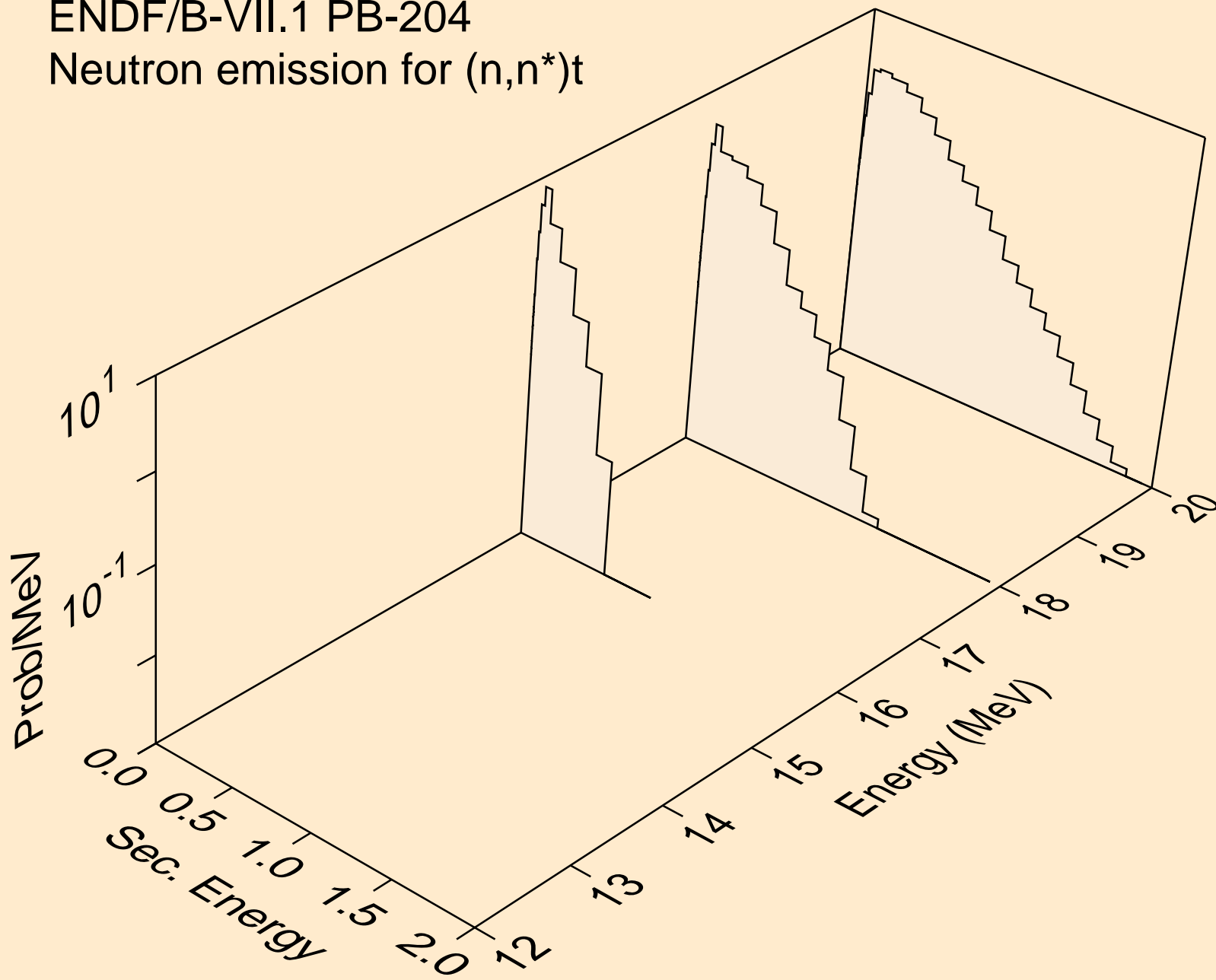
ENDF/B-VII.1 PB-204  
Neutron emission for (n,n\*)p



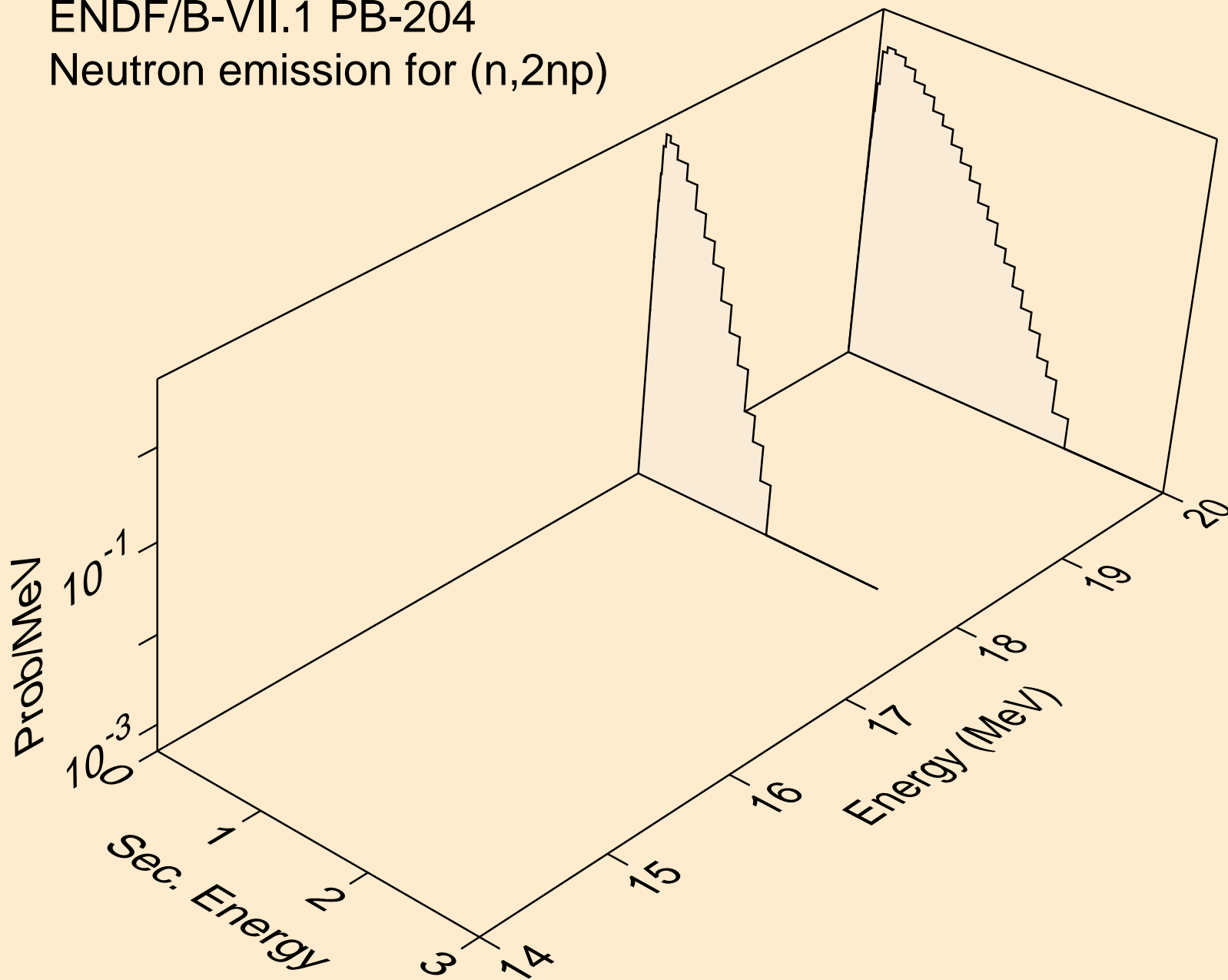
ENDF/B-VII.1 PB-204  
Neutron emission for (n,n\*)d



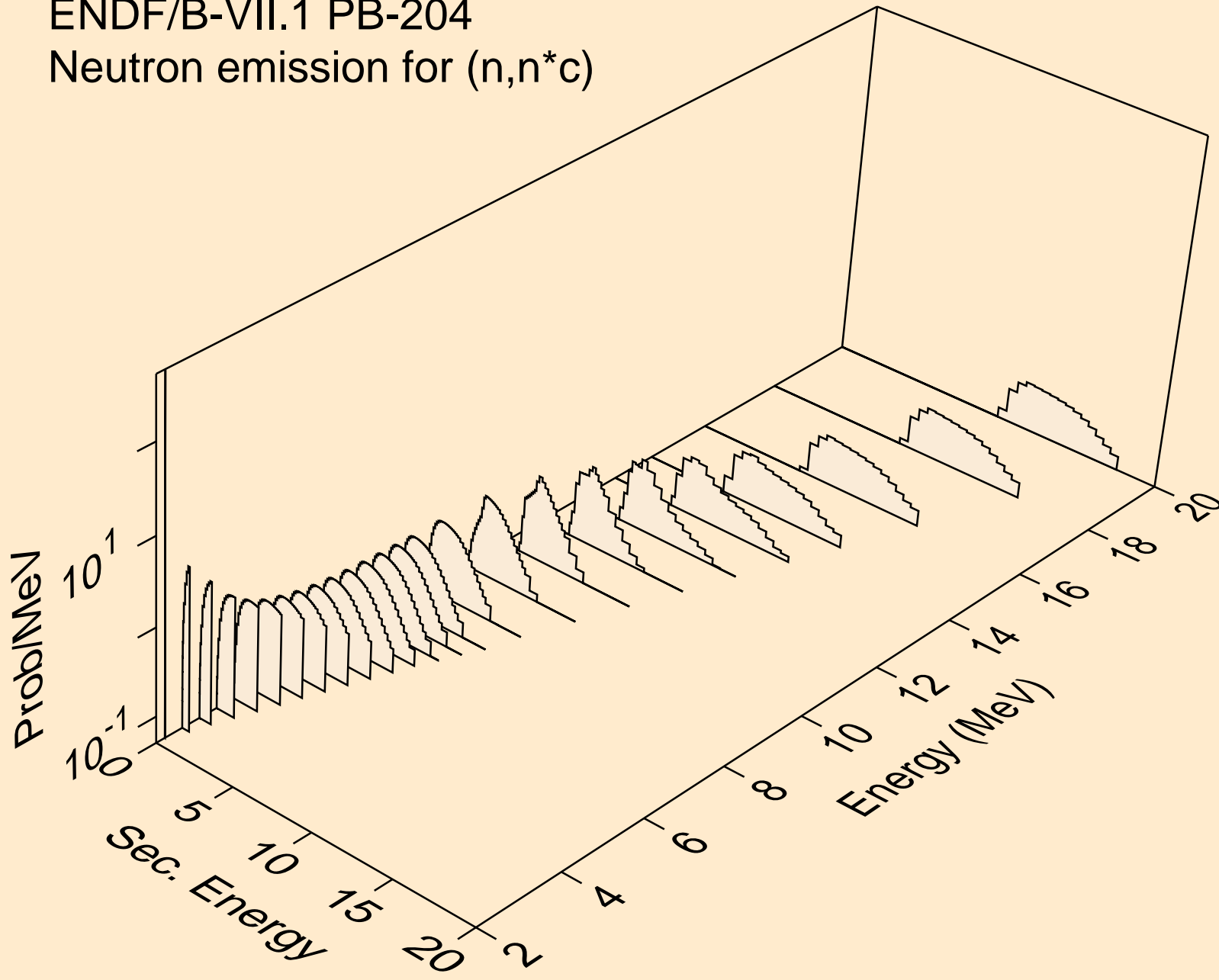
ENDF/B-VII.1 PB-204  
Neutron emission for (n,n\*)t



ENDF/B-VII.1 PB-204  
Neutron emission for (n,2np)

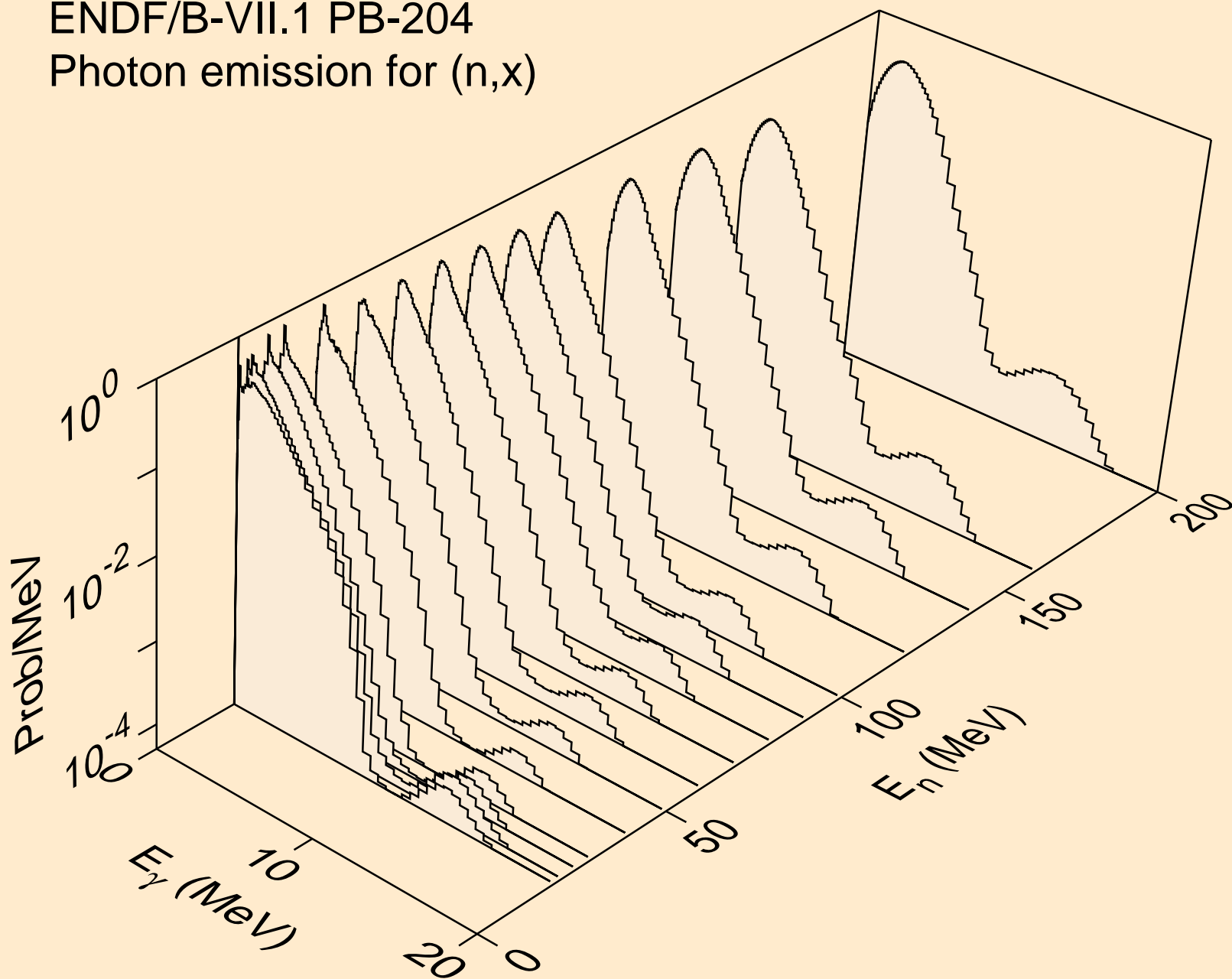


ENDF/B-VII.1 PB-204  
Neutron emission for (n,n\*c)

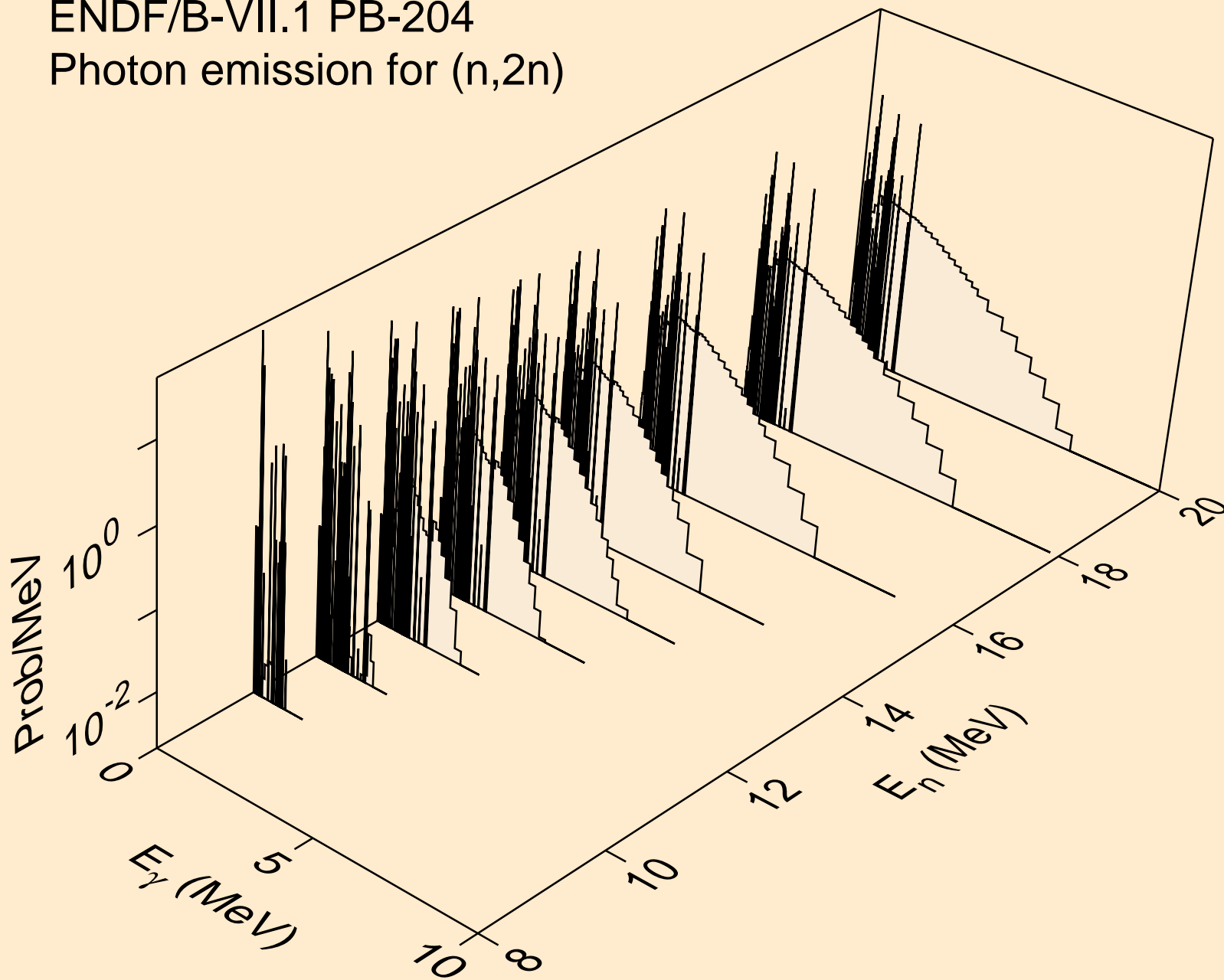




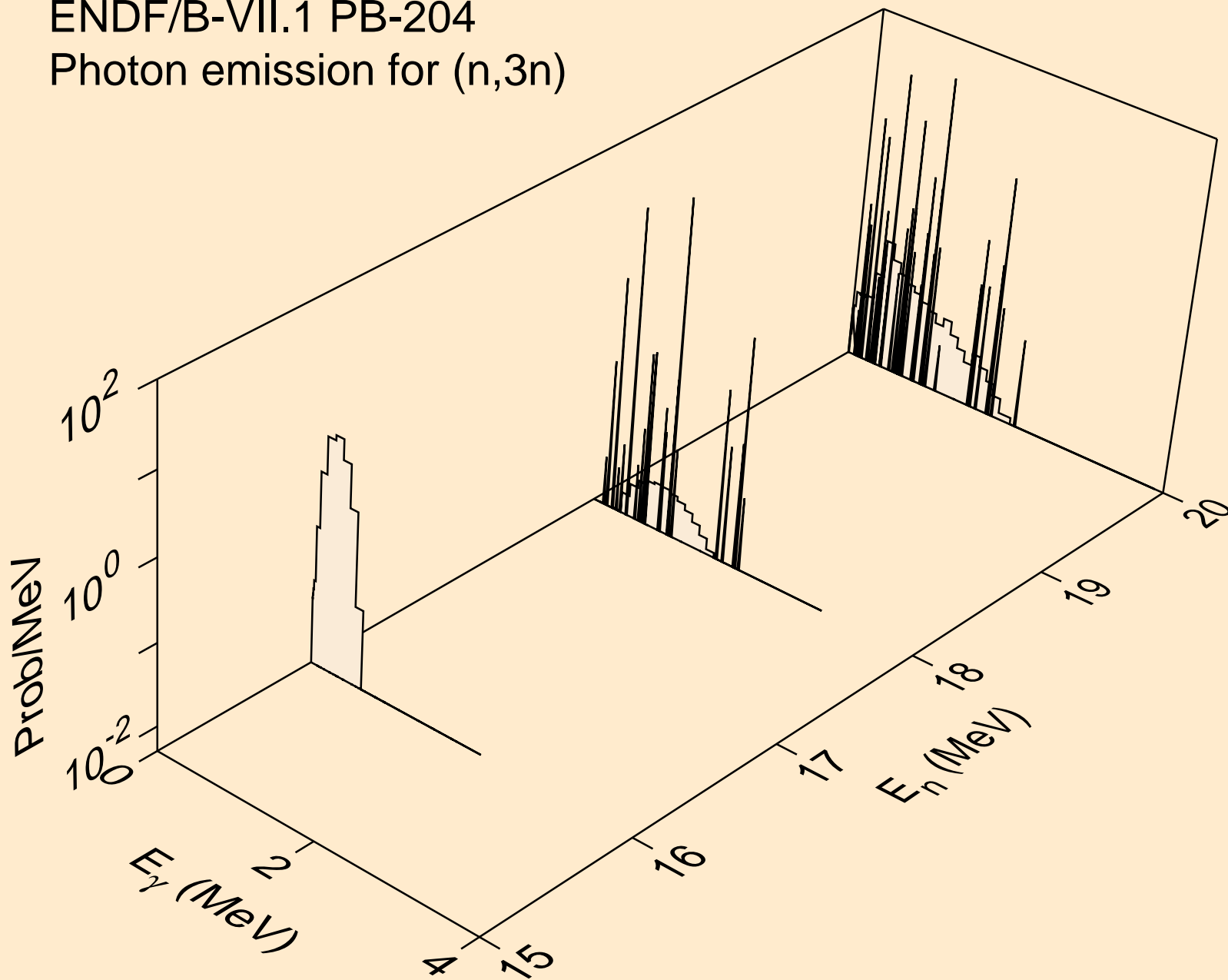
ENDF/B-VII.1 PB-204  
Photon emission for (n,x)



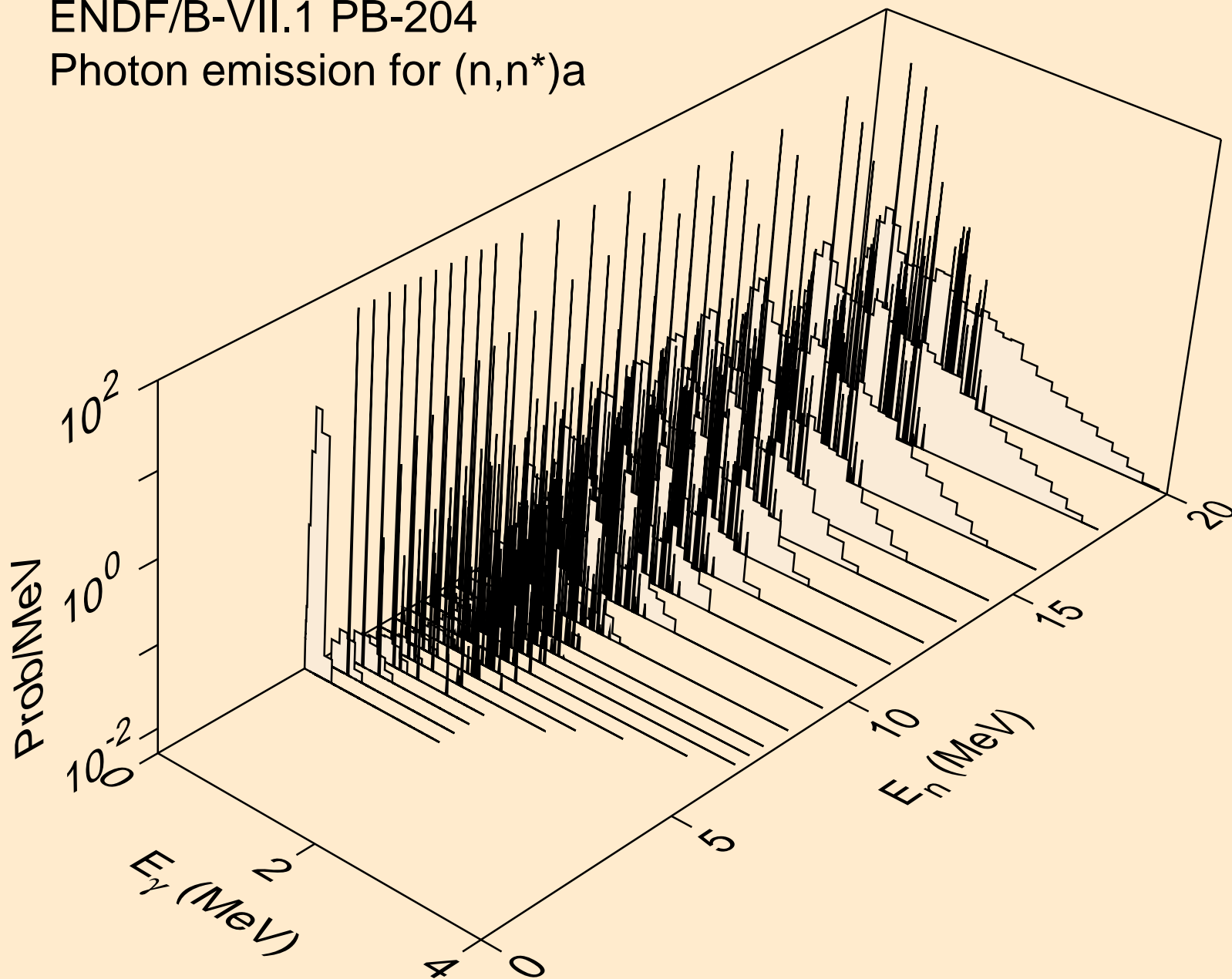
ENDF/B-VII.1 PB-204  
Photon emission for (n,2n)



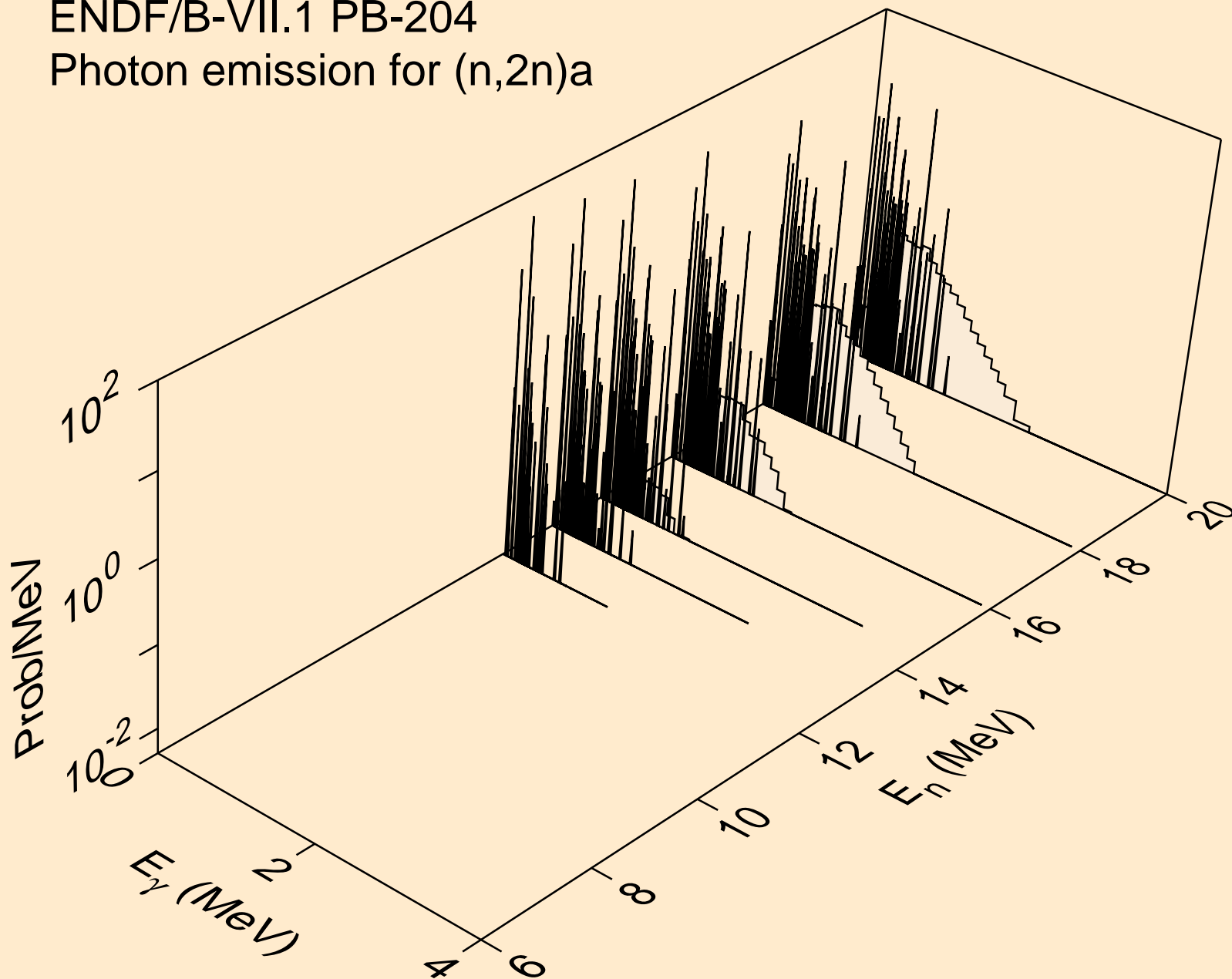
ENDF/B-VII.1 PB-204  
Photon emission for (n,3n)



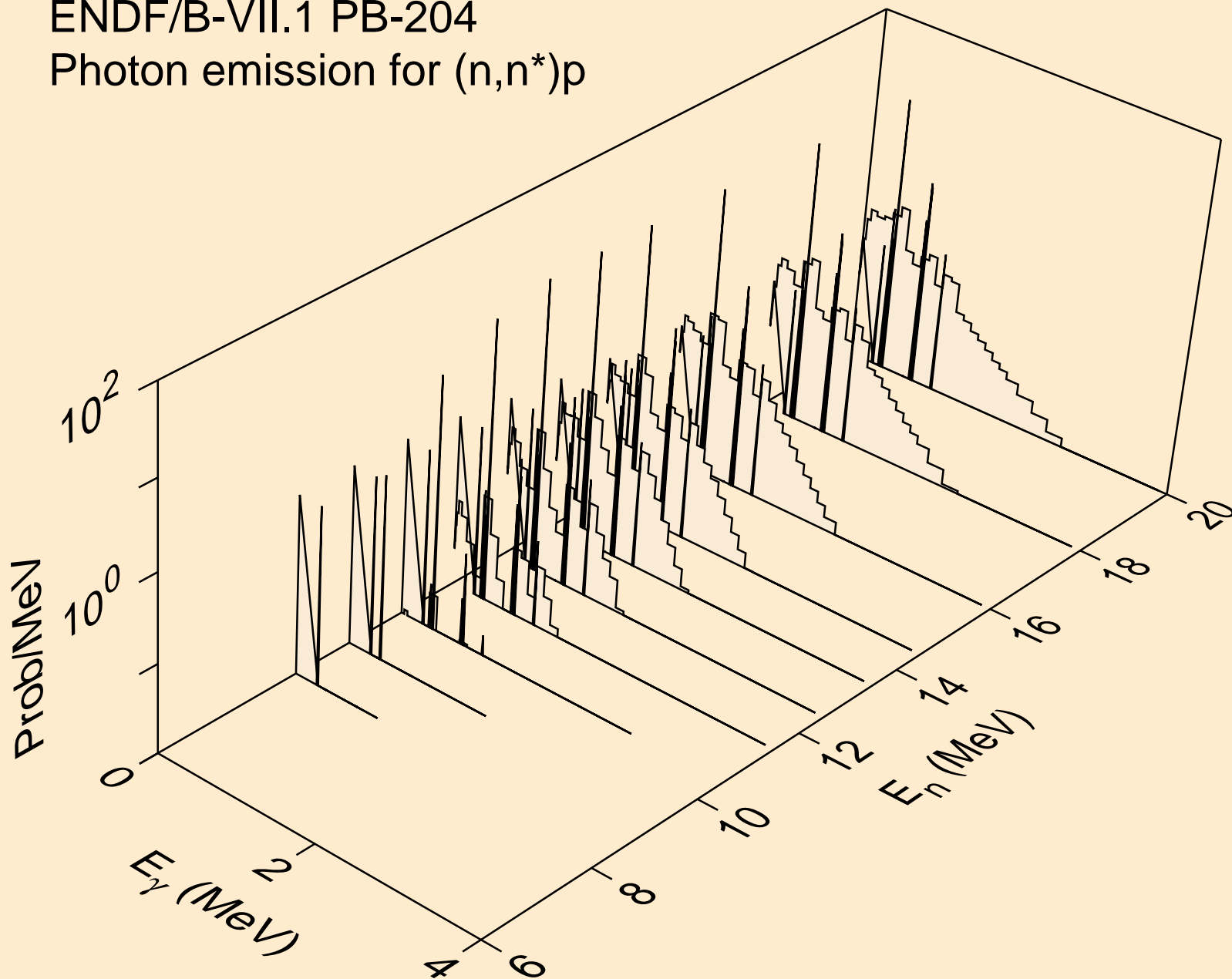
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*)a



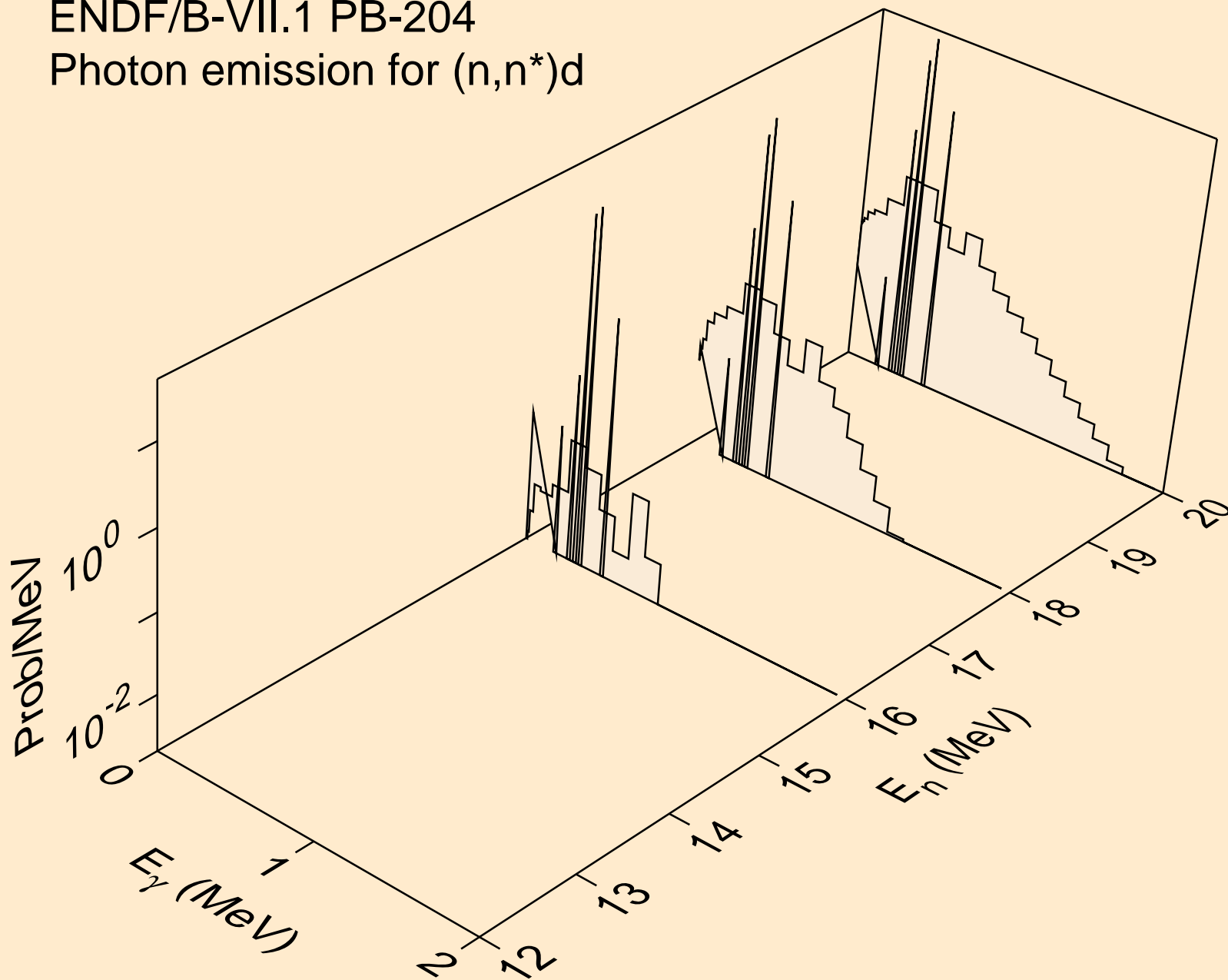
ENDF/B-VII.1 PB-204  
Photon emission for (n,2n)a



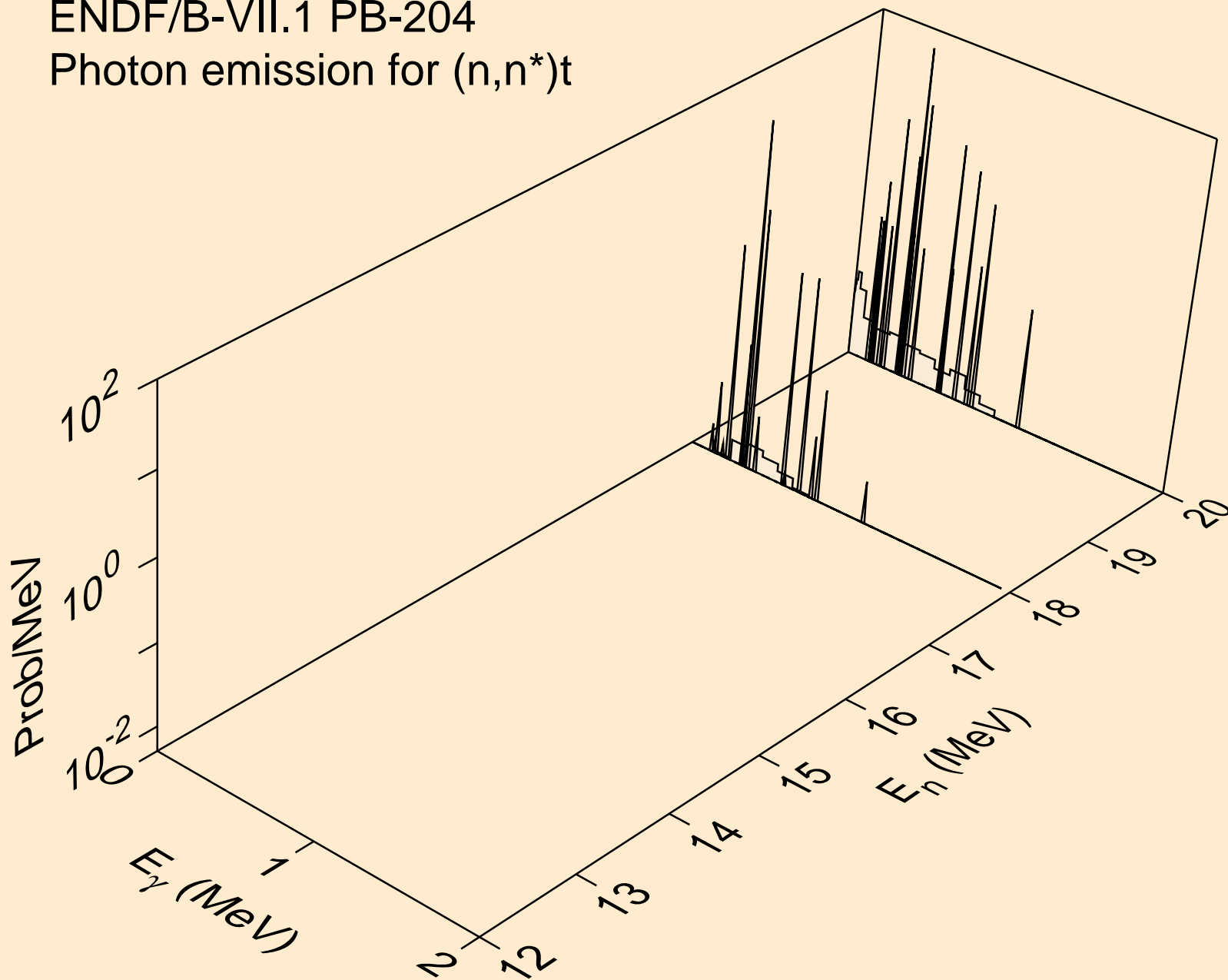
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*)p



ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*)d

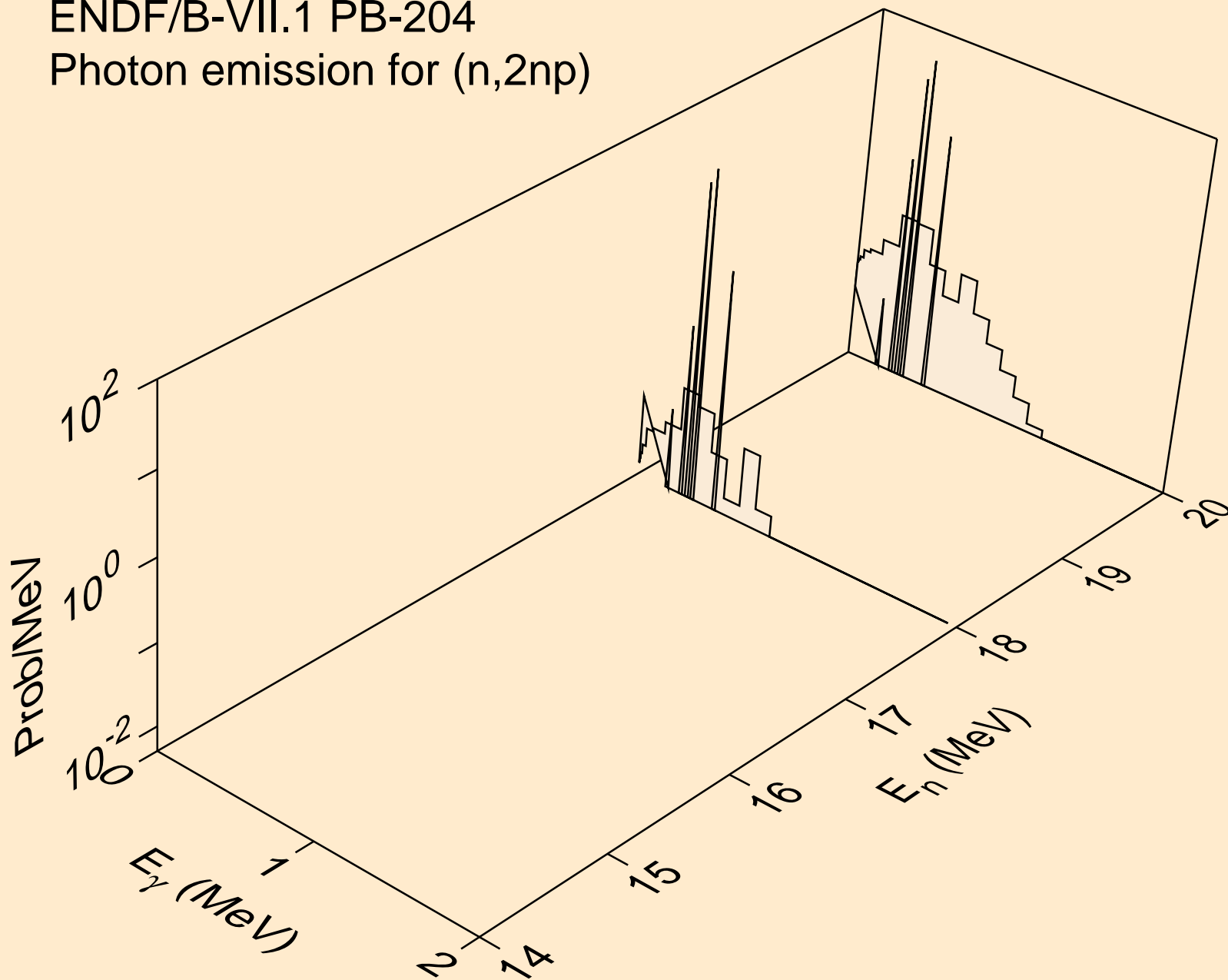


ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*)t

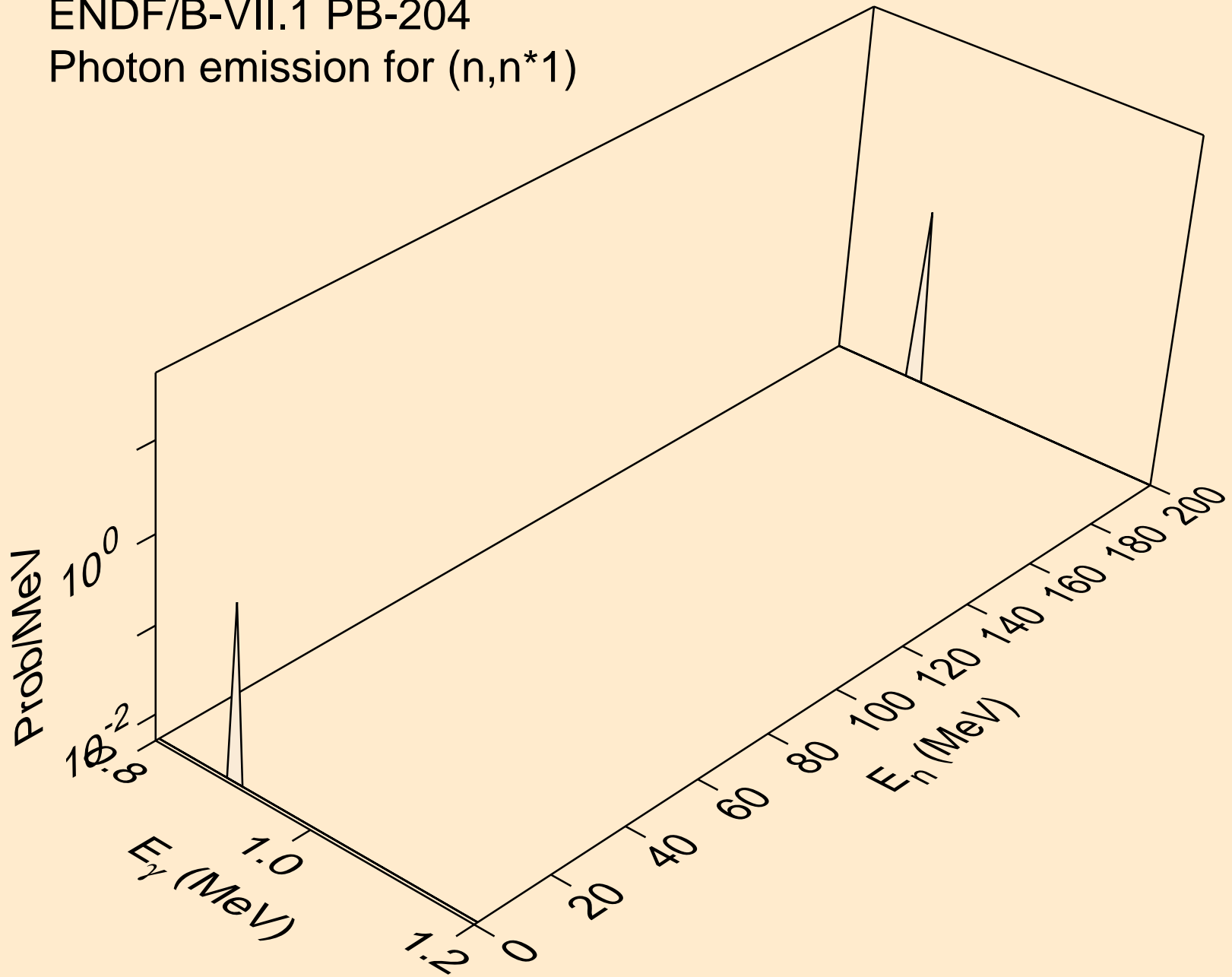




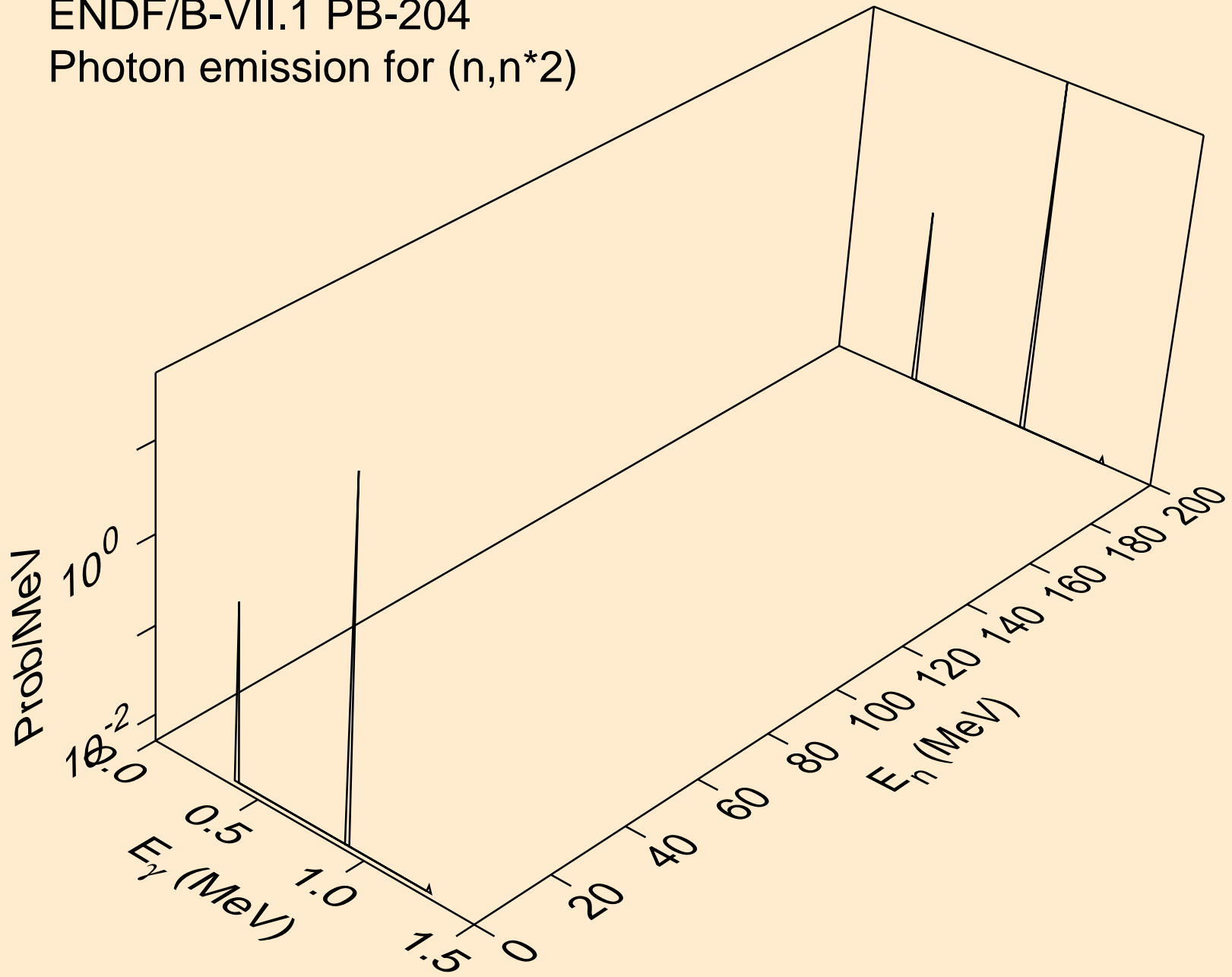
ENDF/B-VII.1 PB-204  
Photon emission for (n,2np)



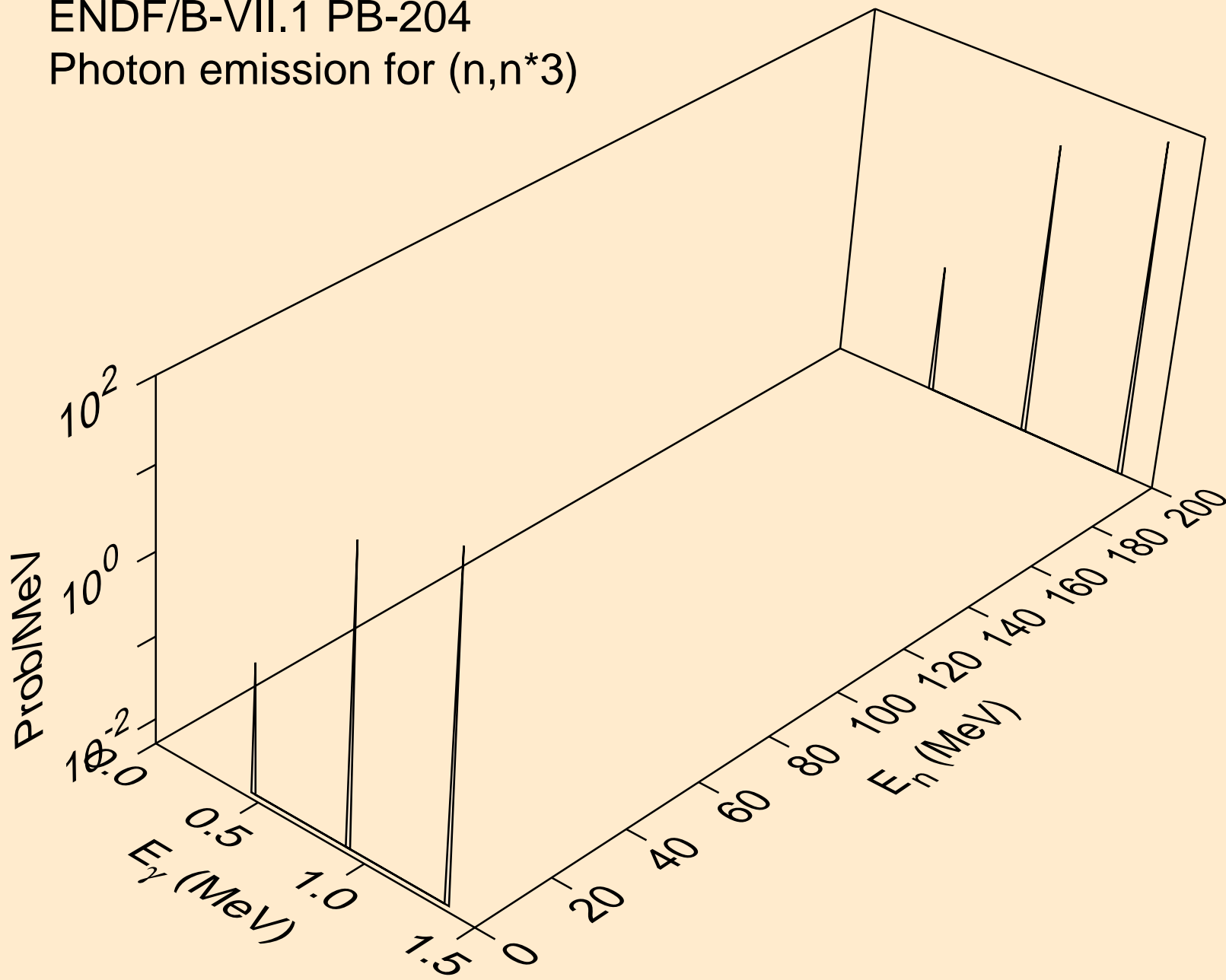
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*1)



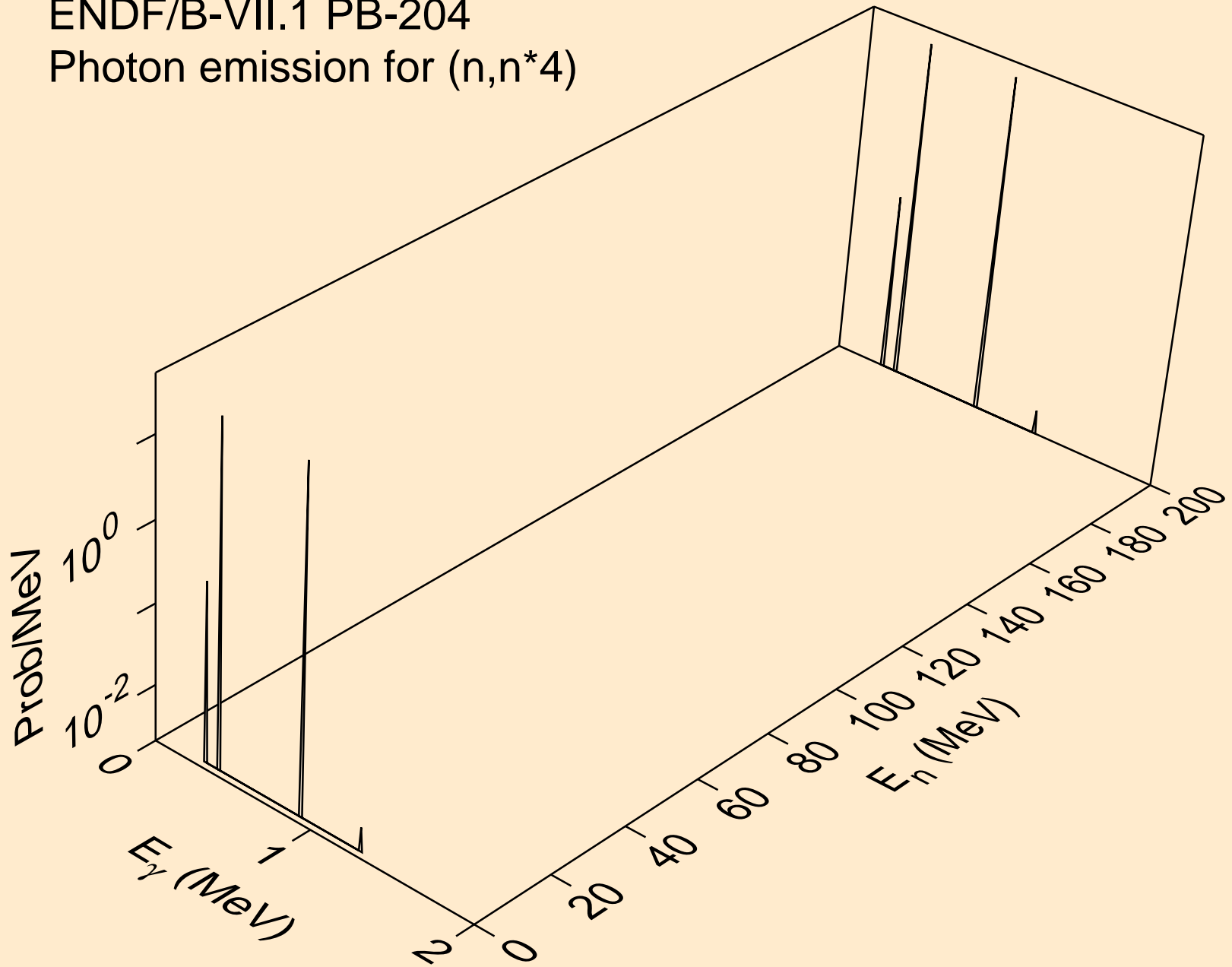
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*2)



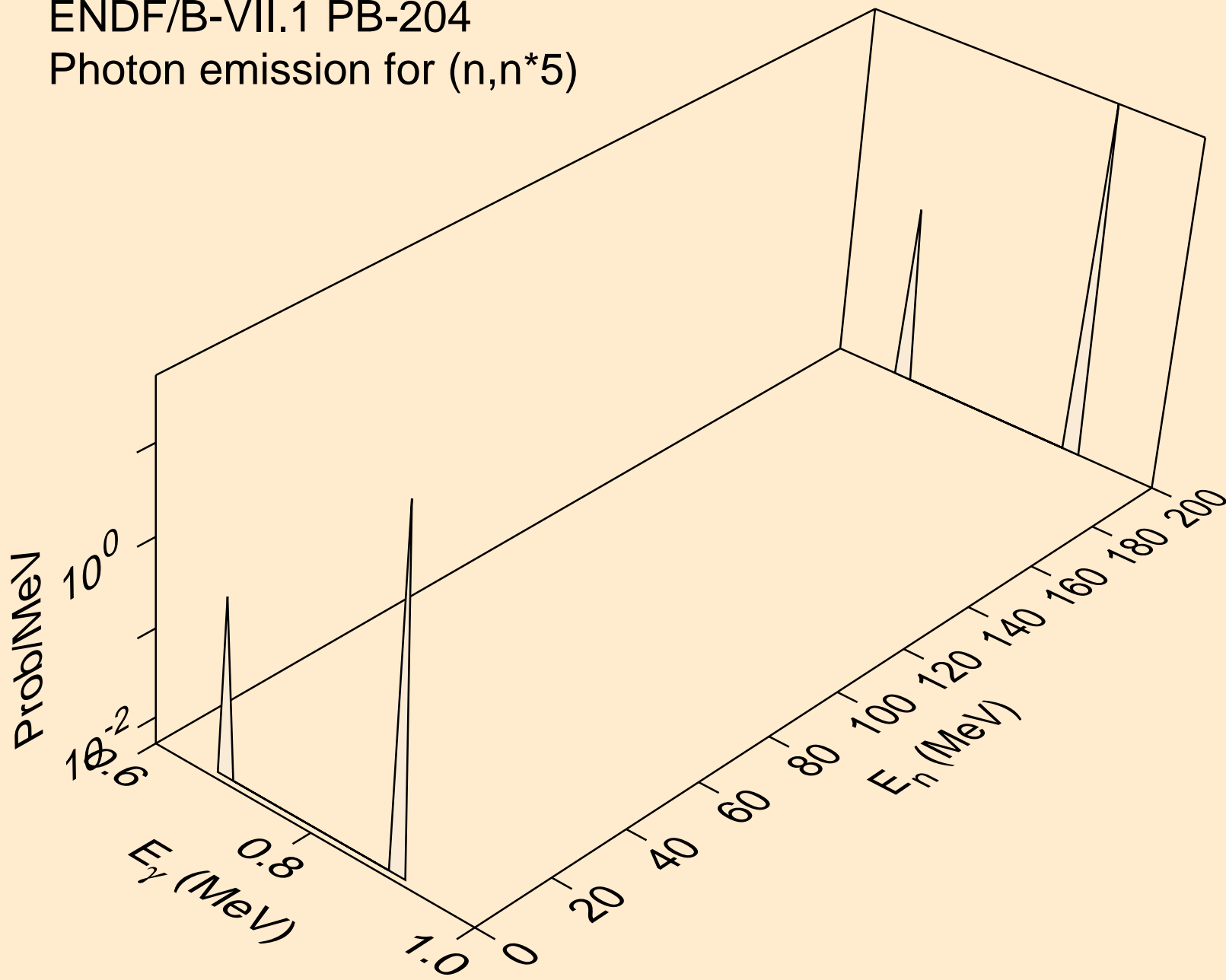
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*3)



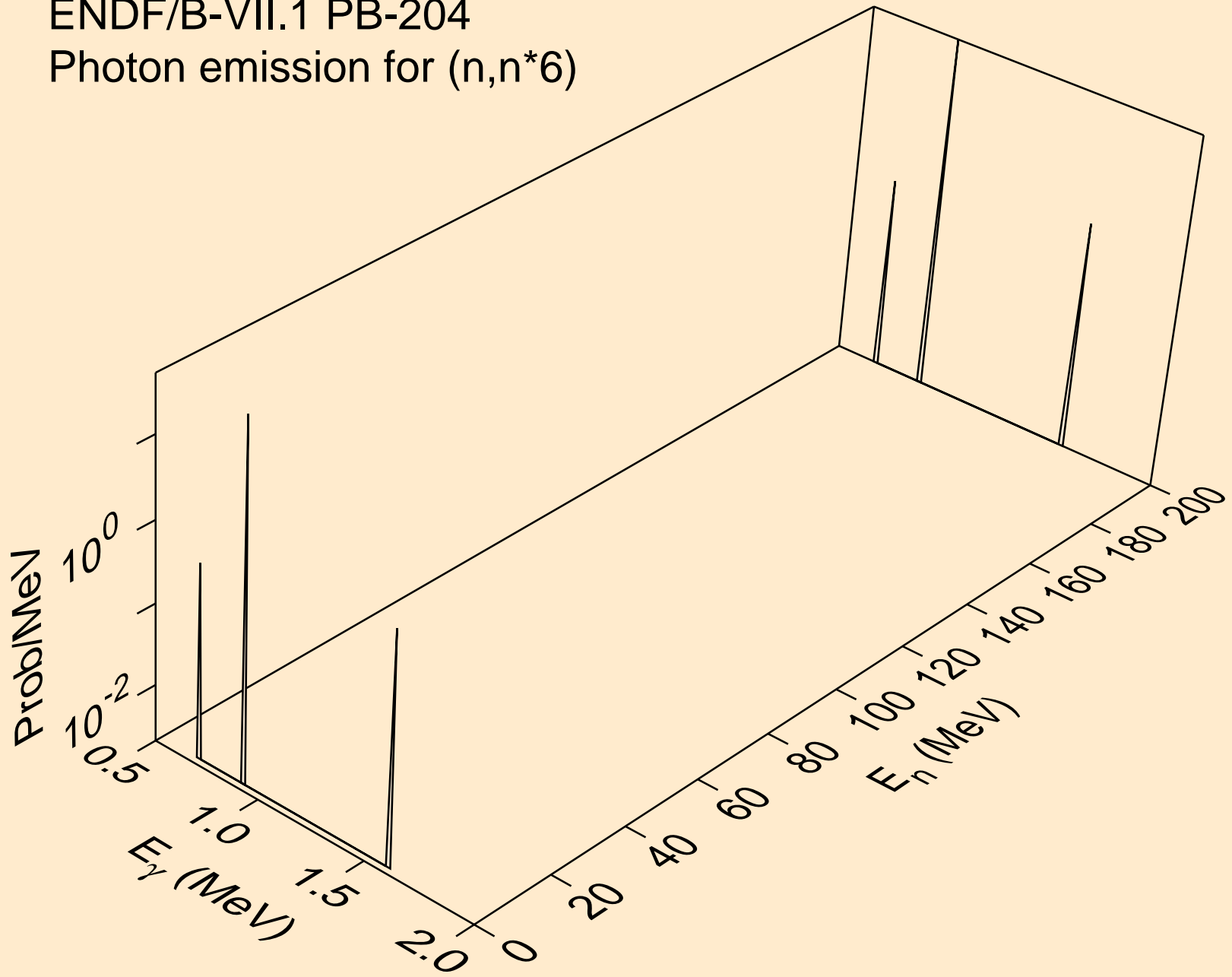
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*4)



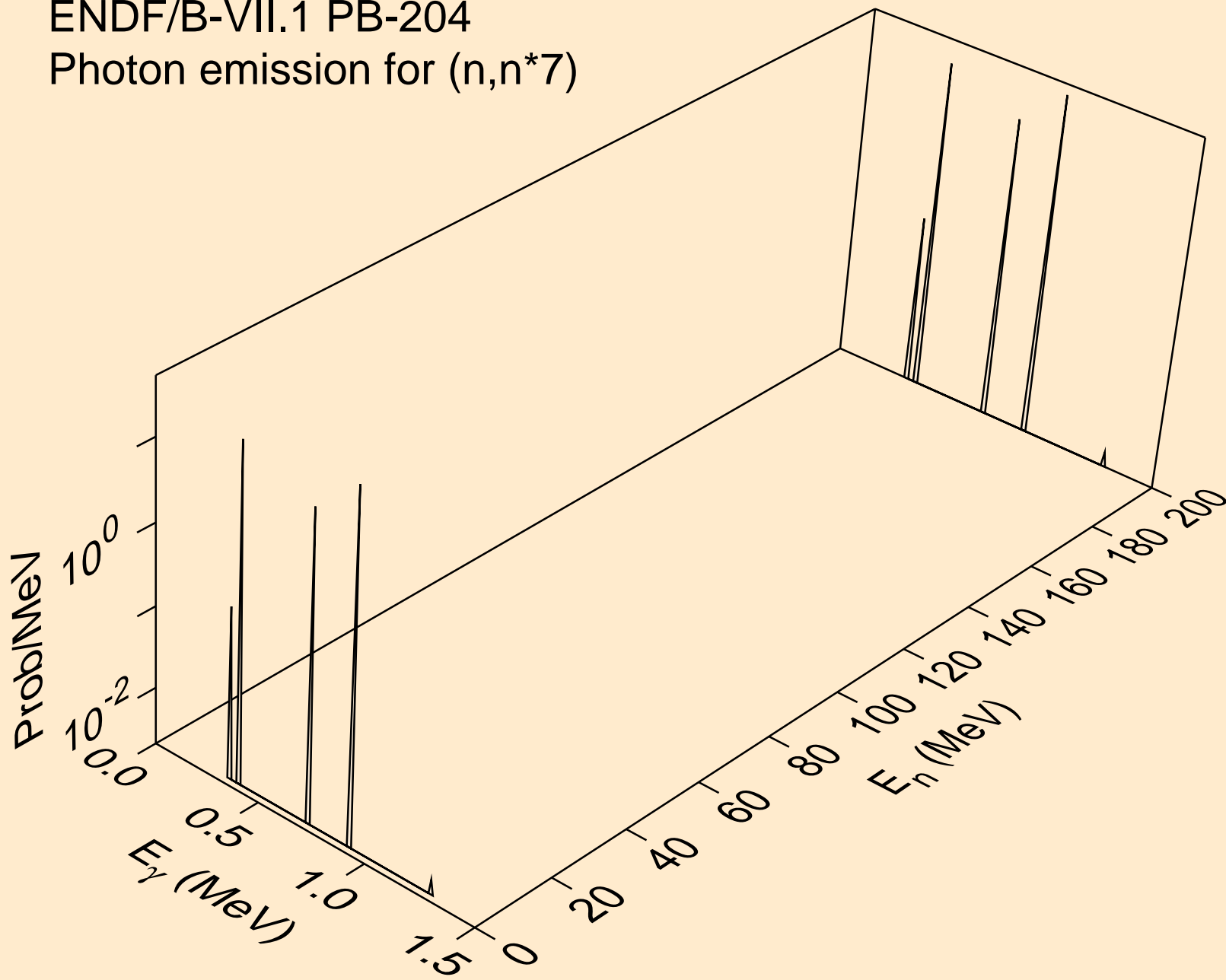
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*5)



ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*6)

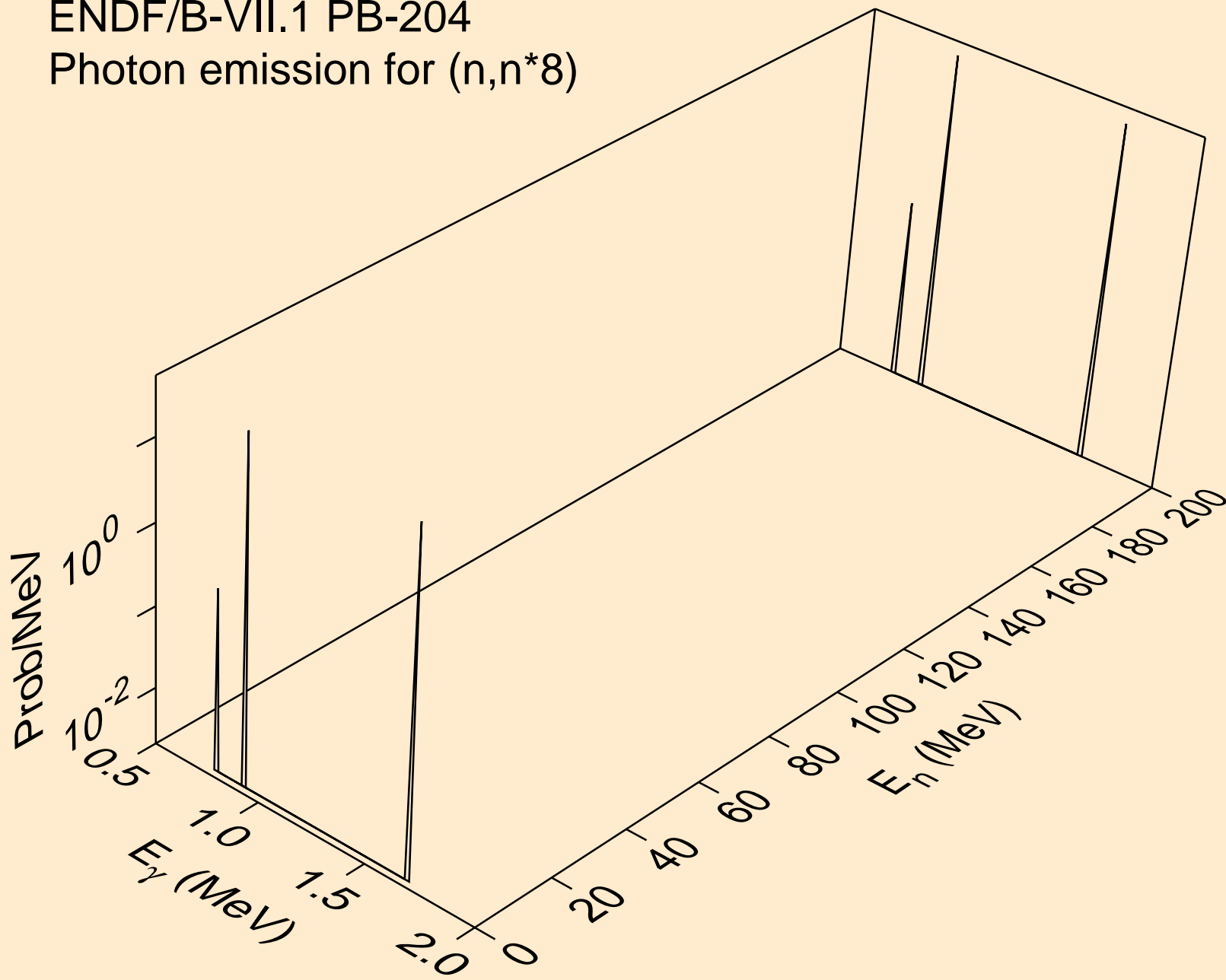


ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*7)

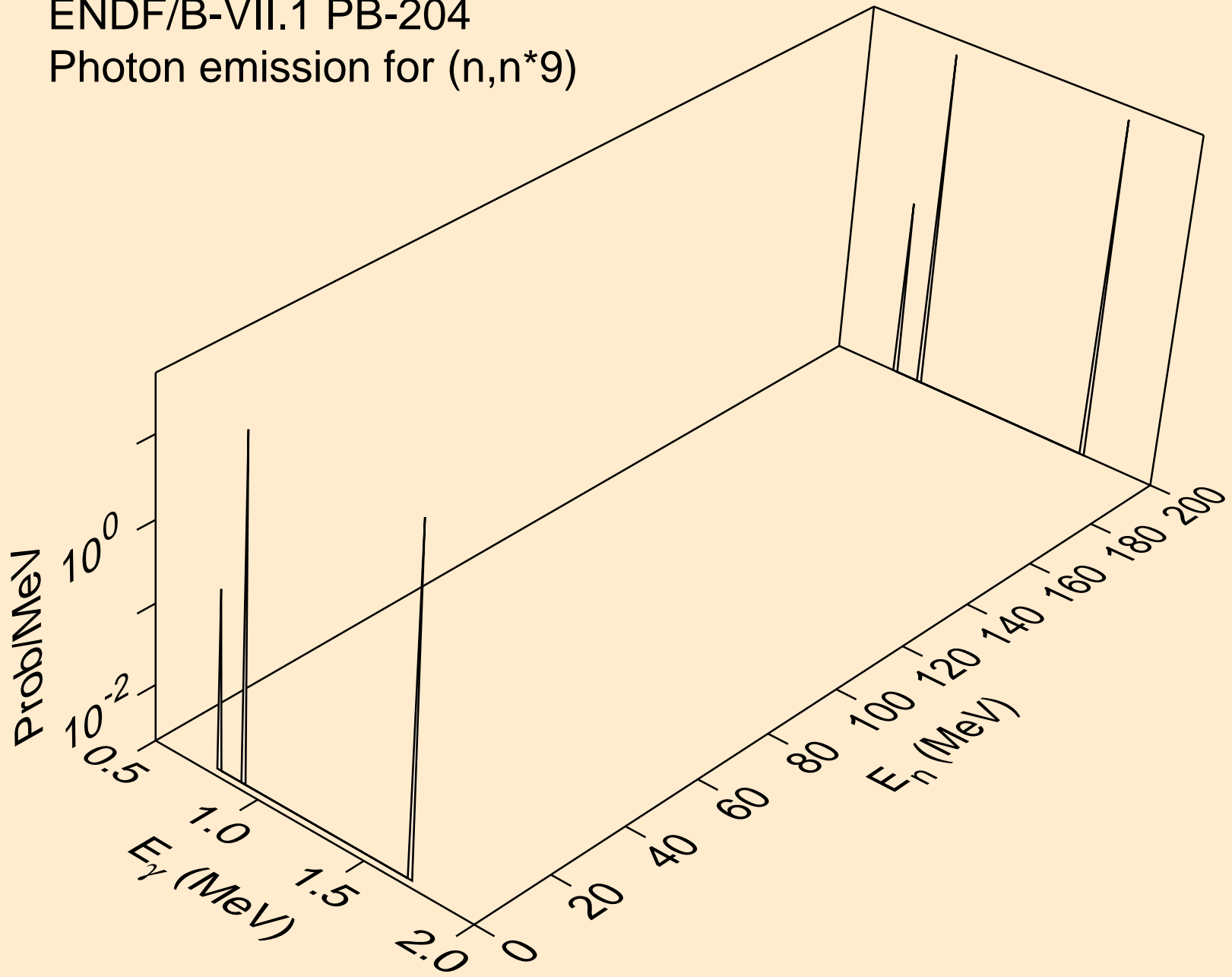




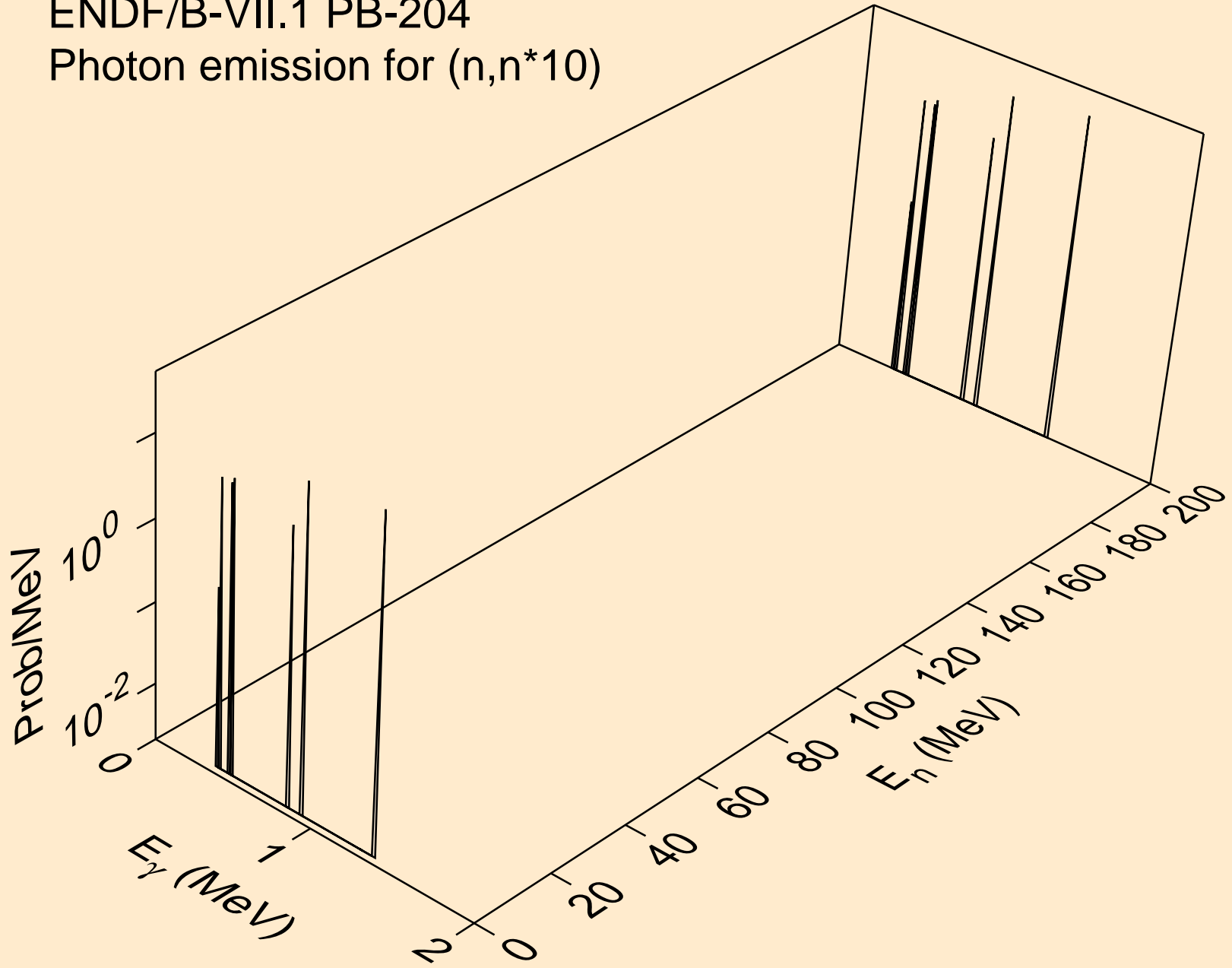
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*8)



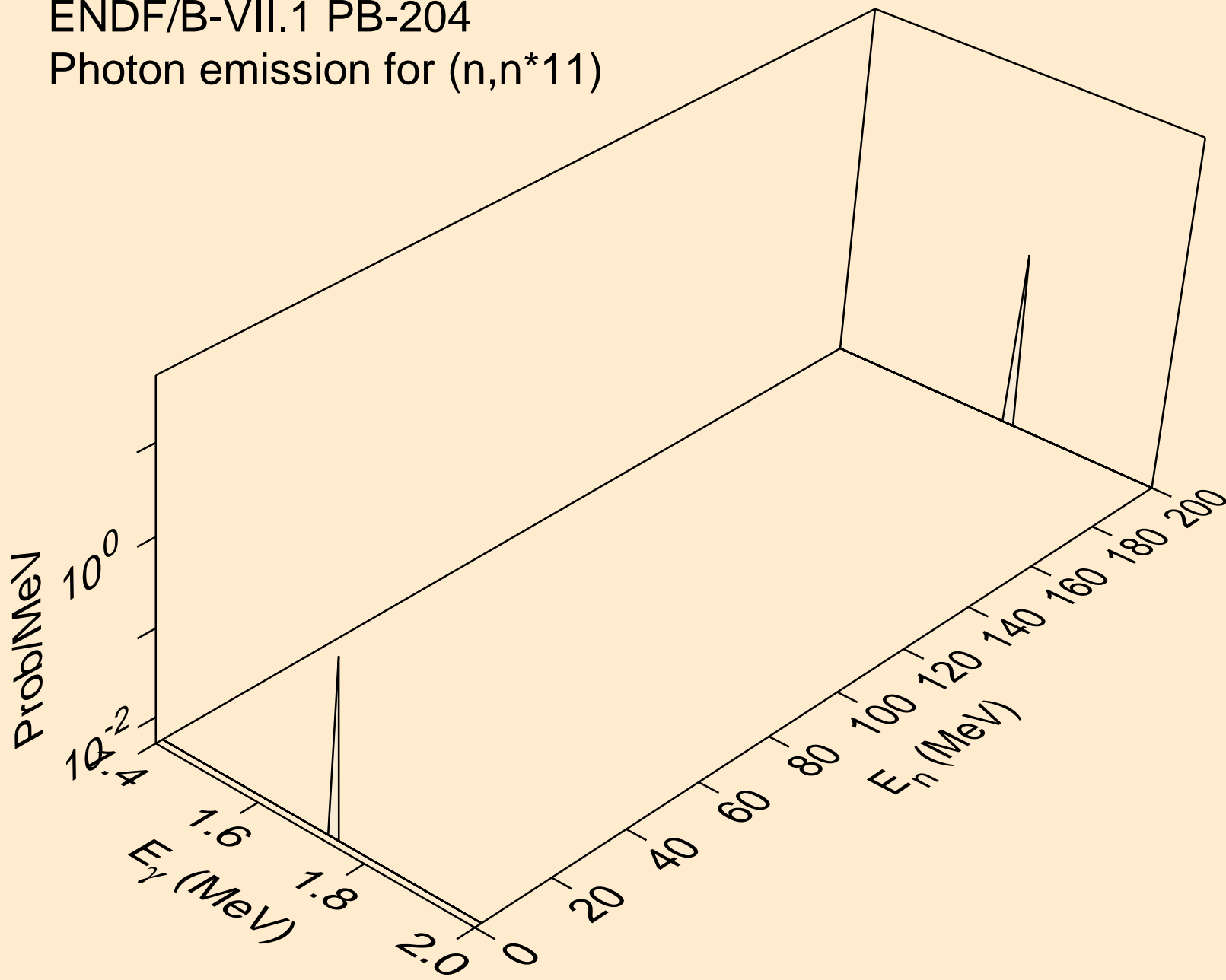
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*9)



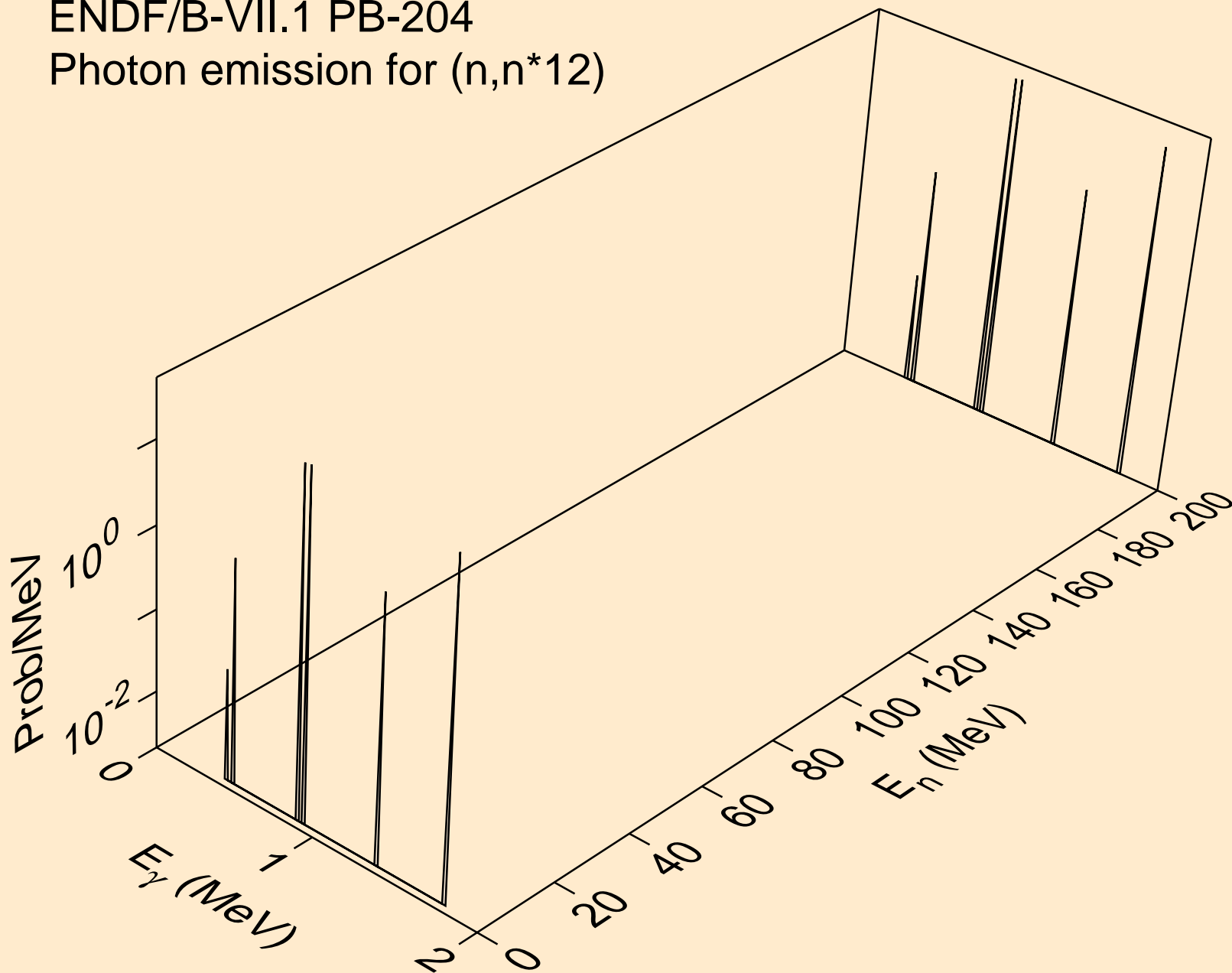
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Photon emission for (n,n\*10)



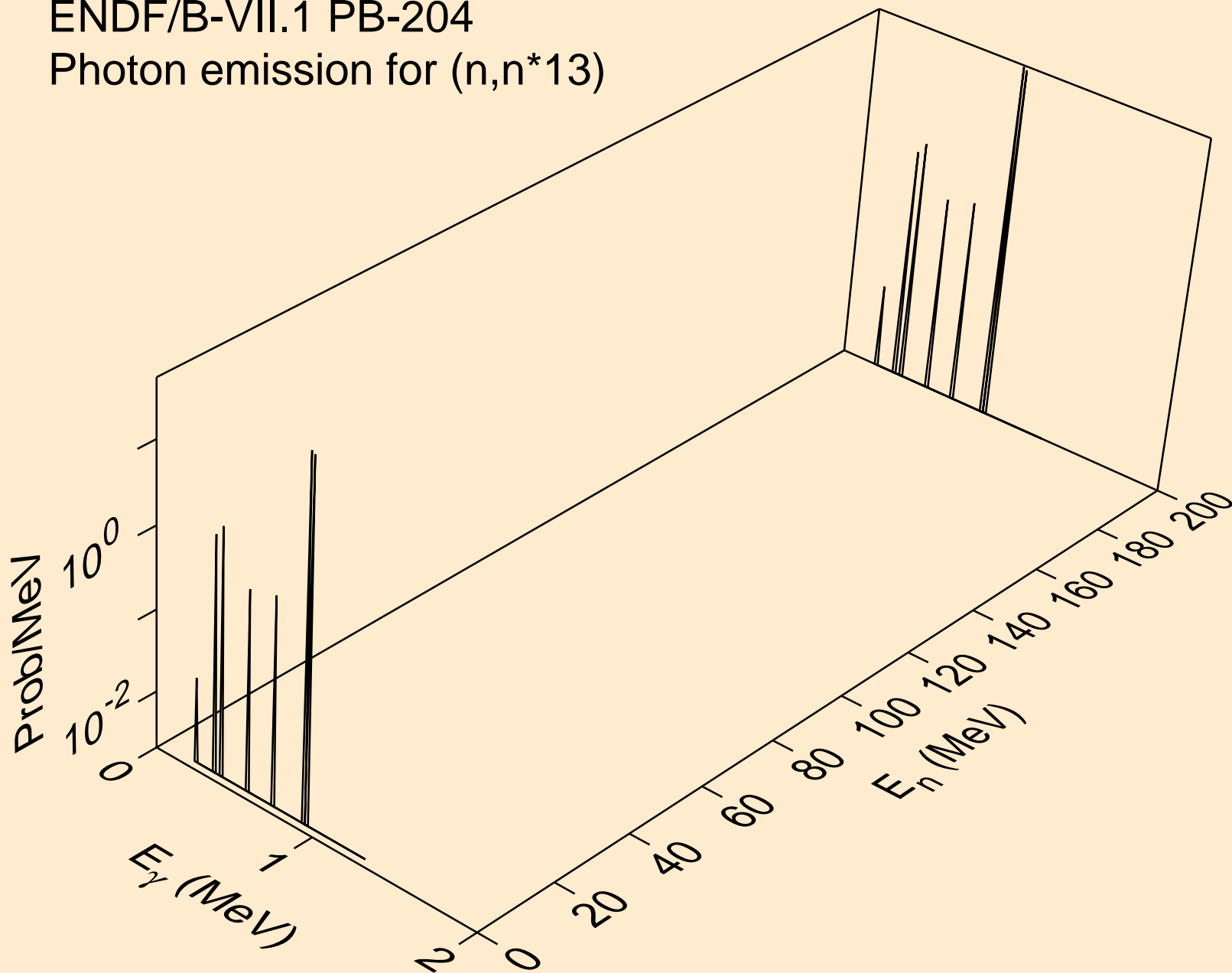
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Photon emission for (n,n\*11)



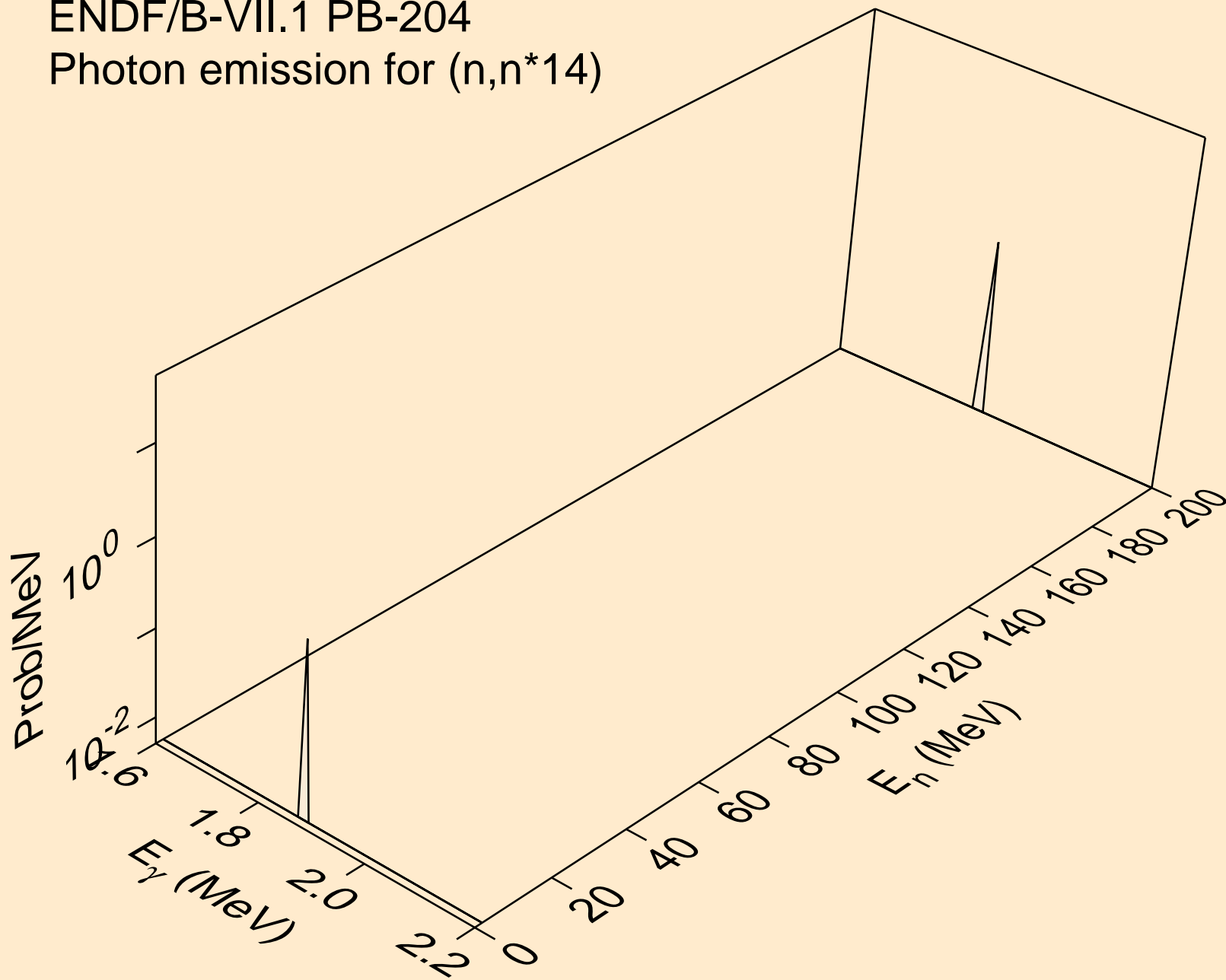
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*12)



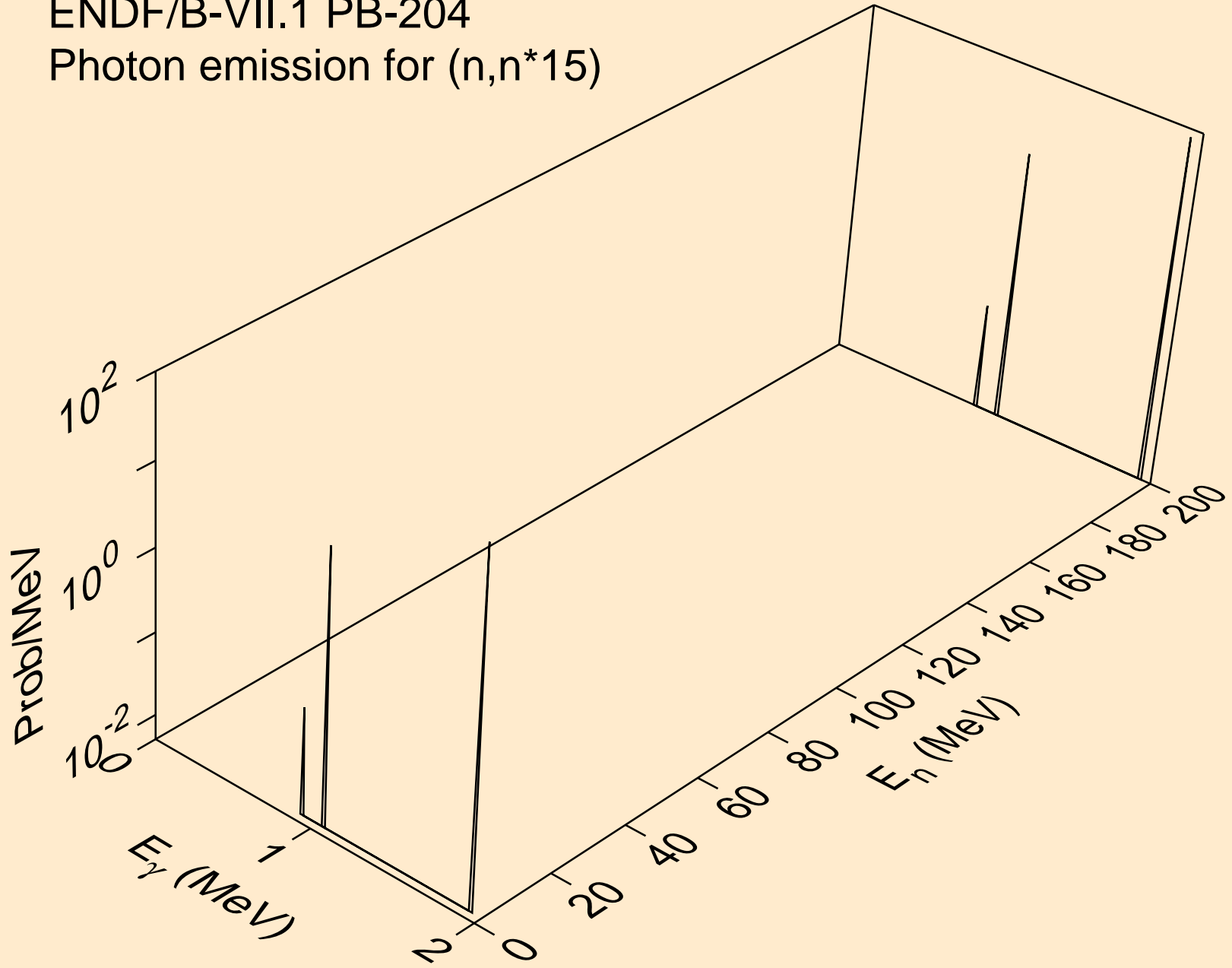
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*13)



ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*14)

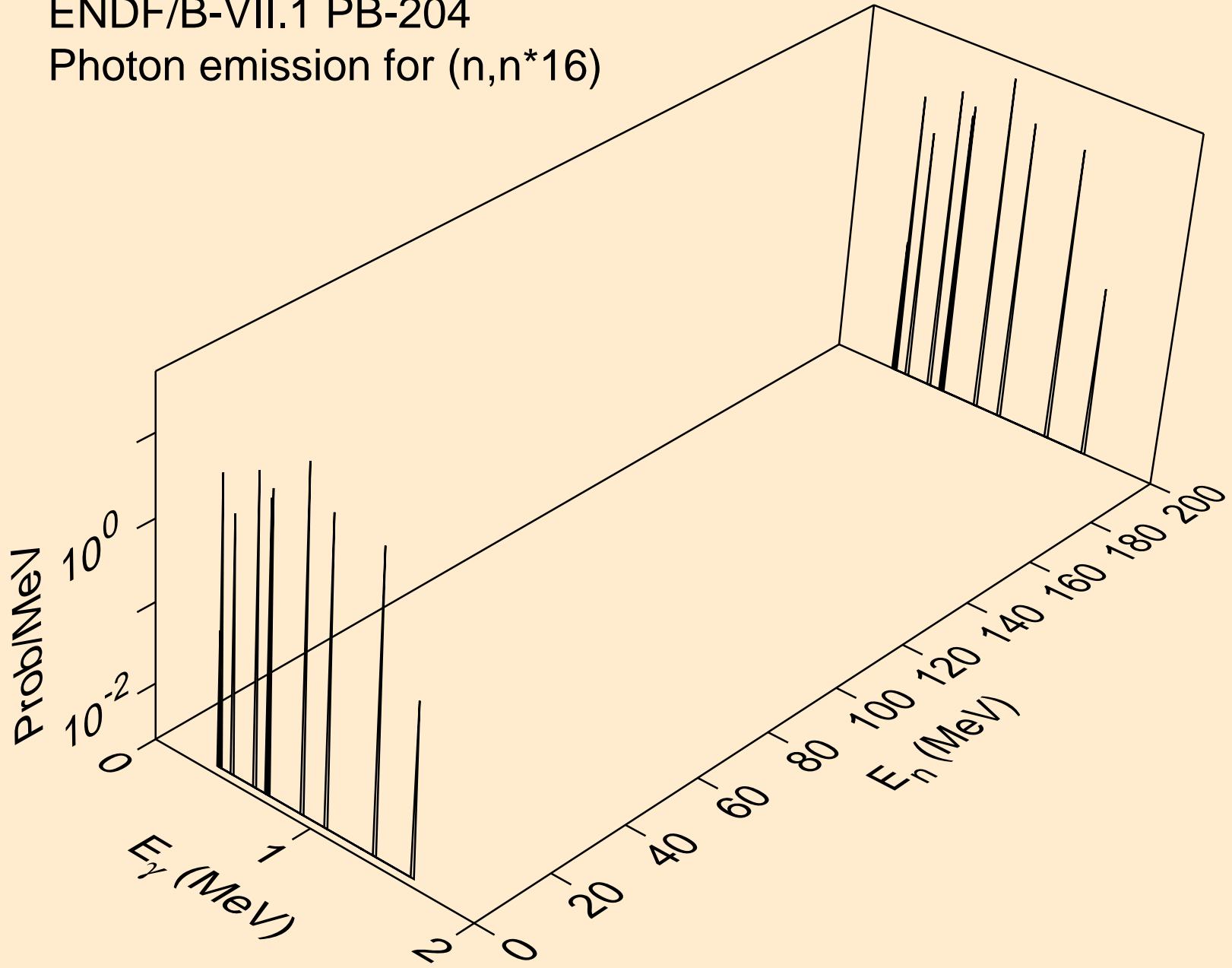


ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*15)

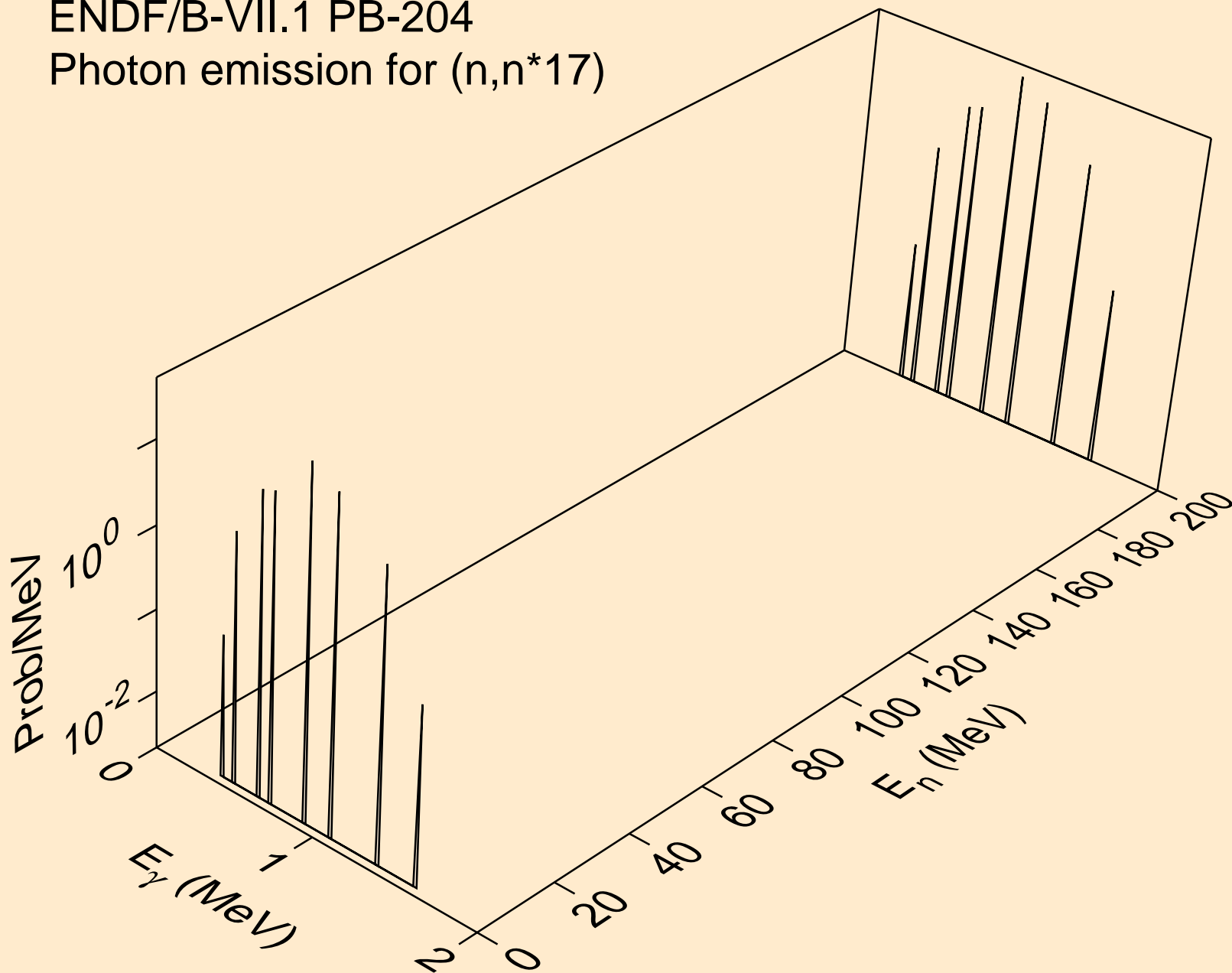




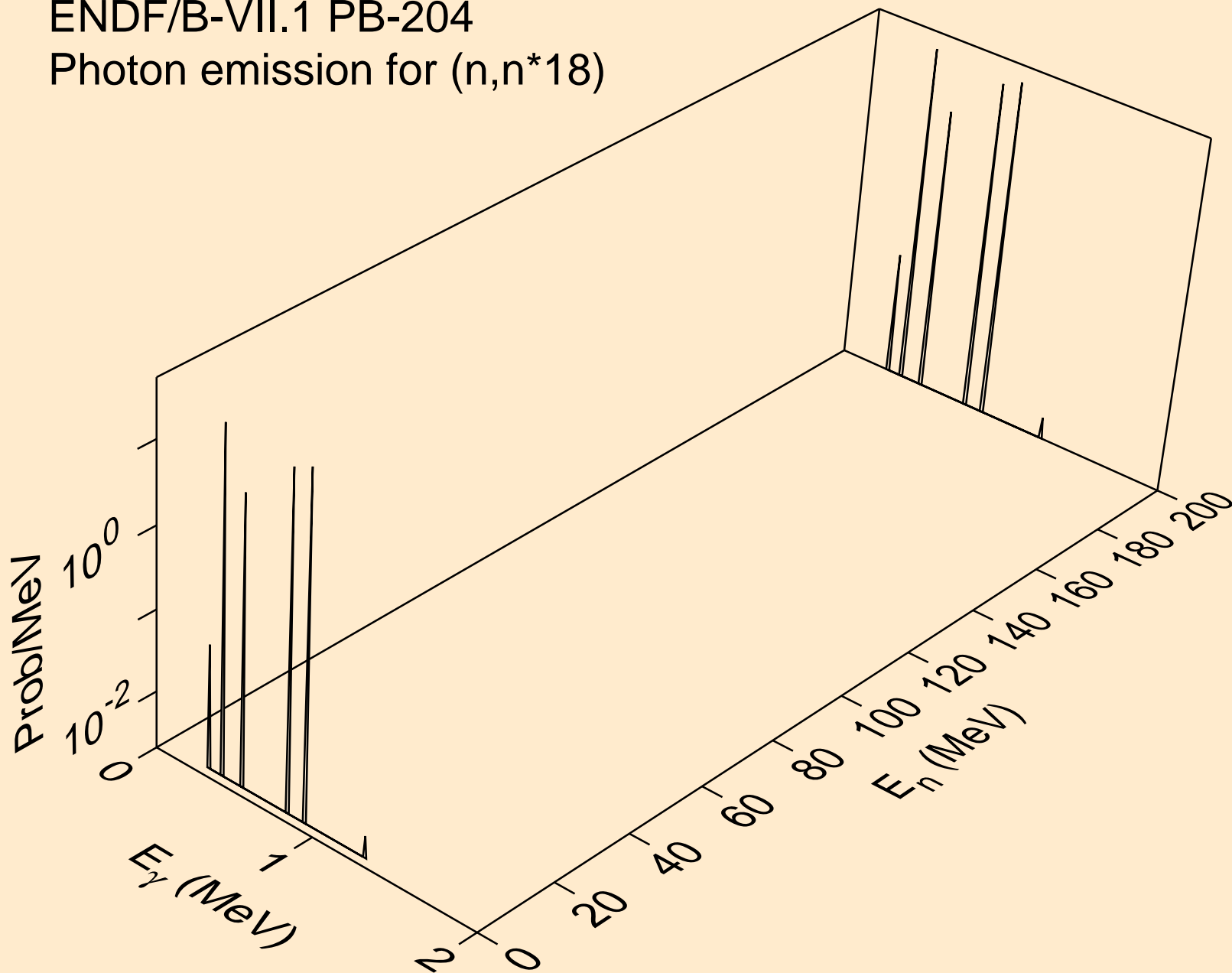
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*16)



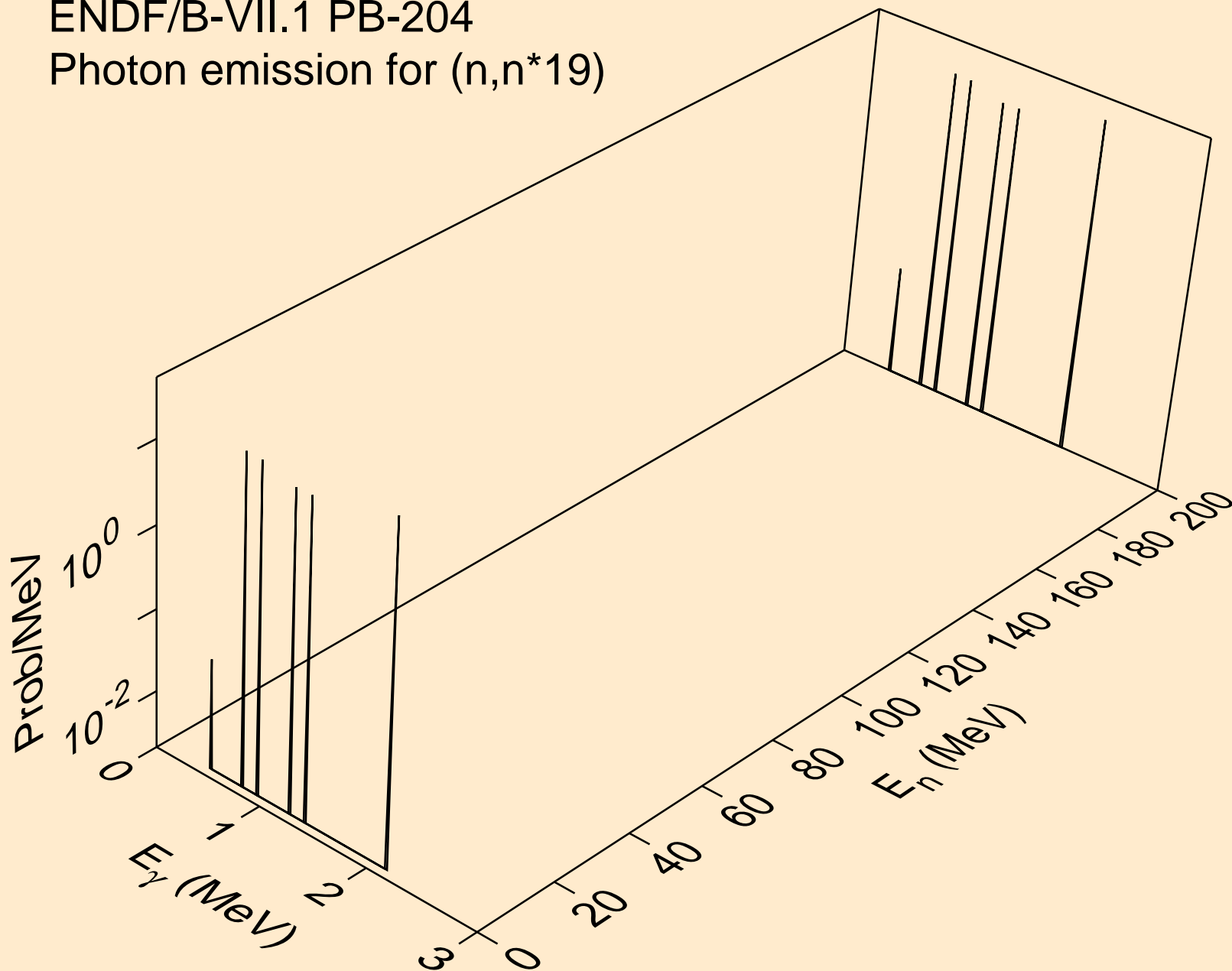
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Photon emission for (n,n\*17)



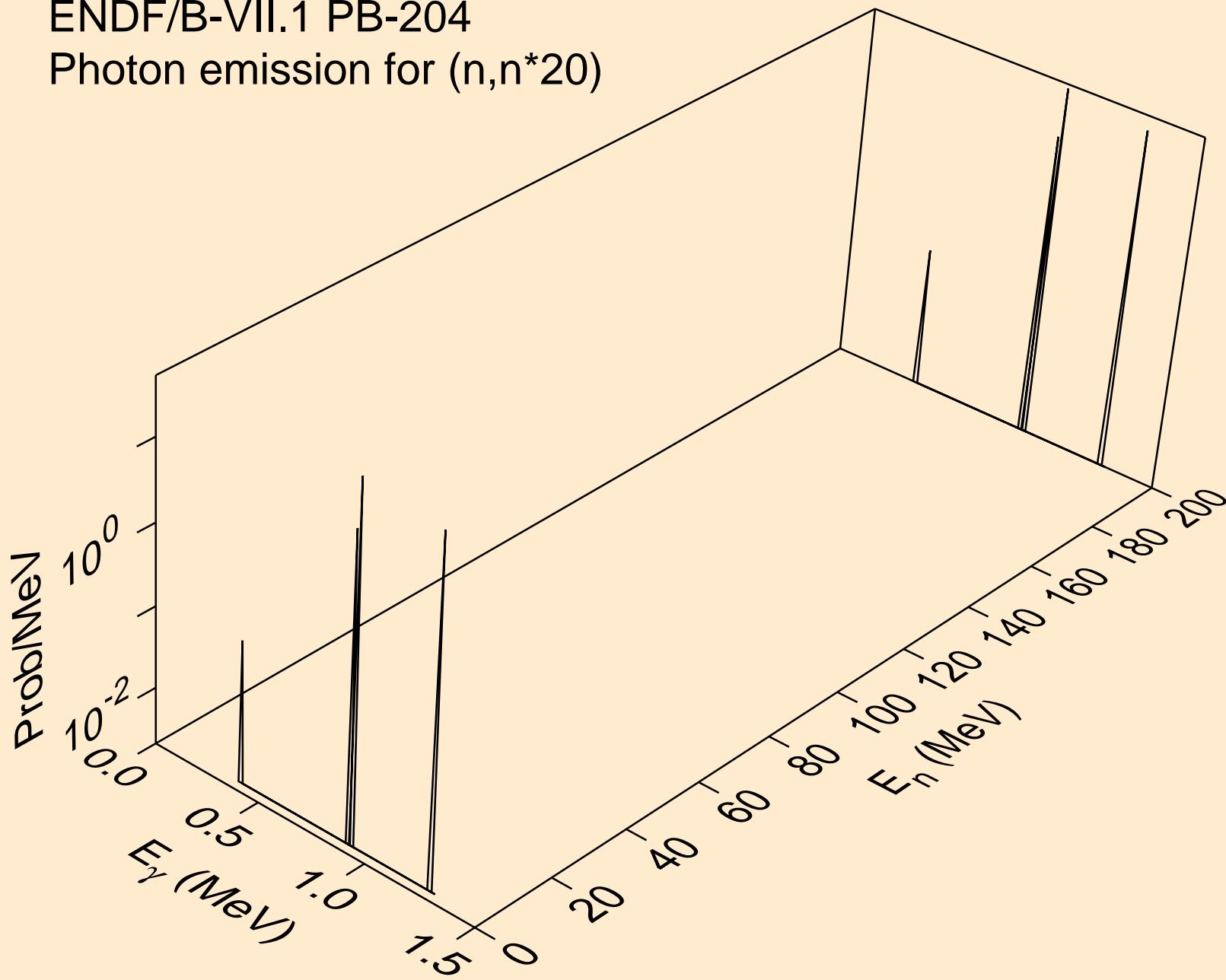
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Photon emission for (n,n\*18)



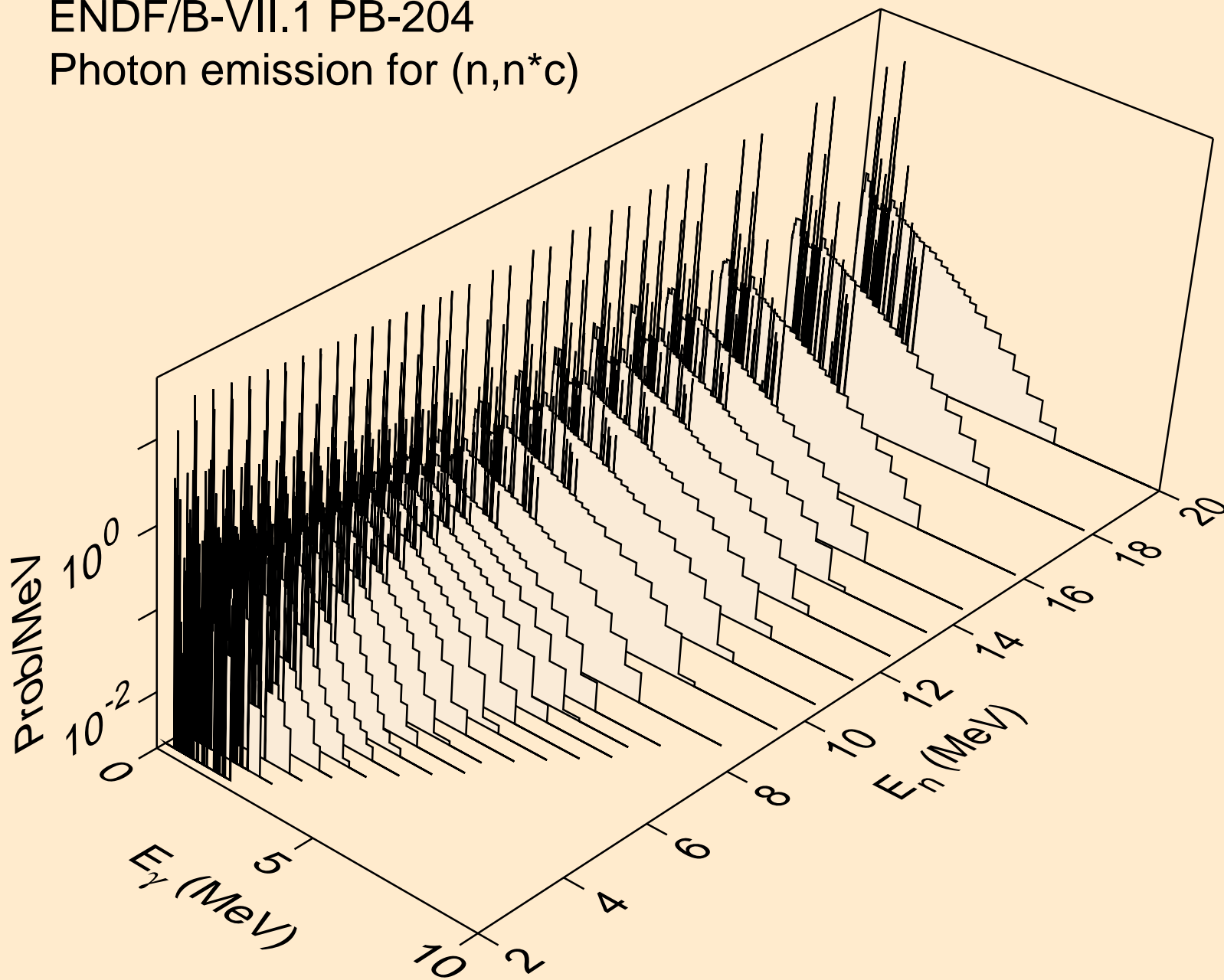
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*19)



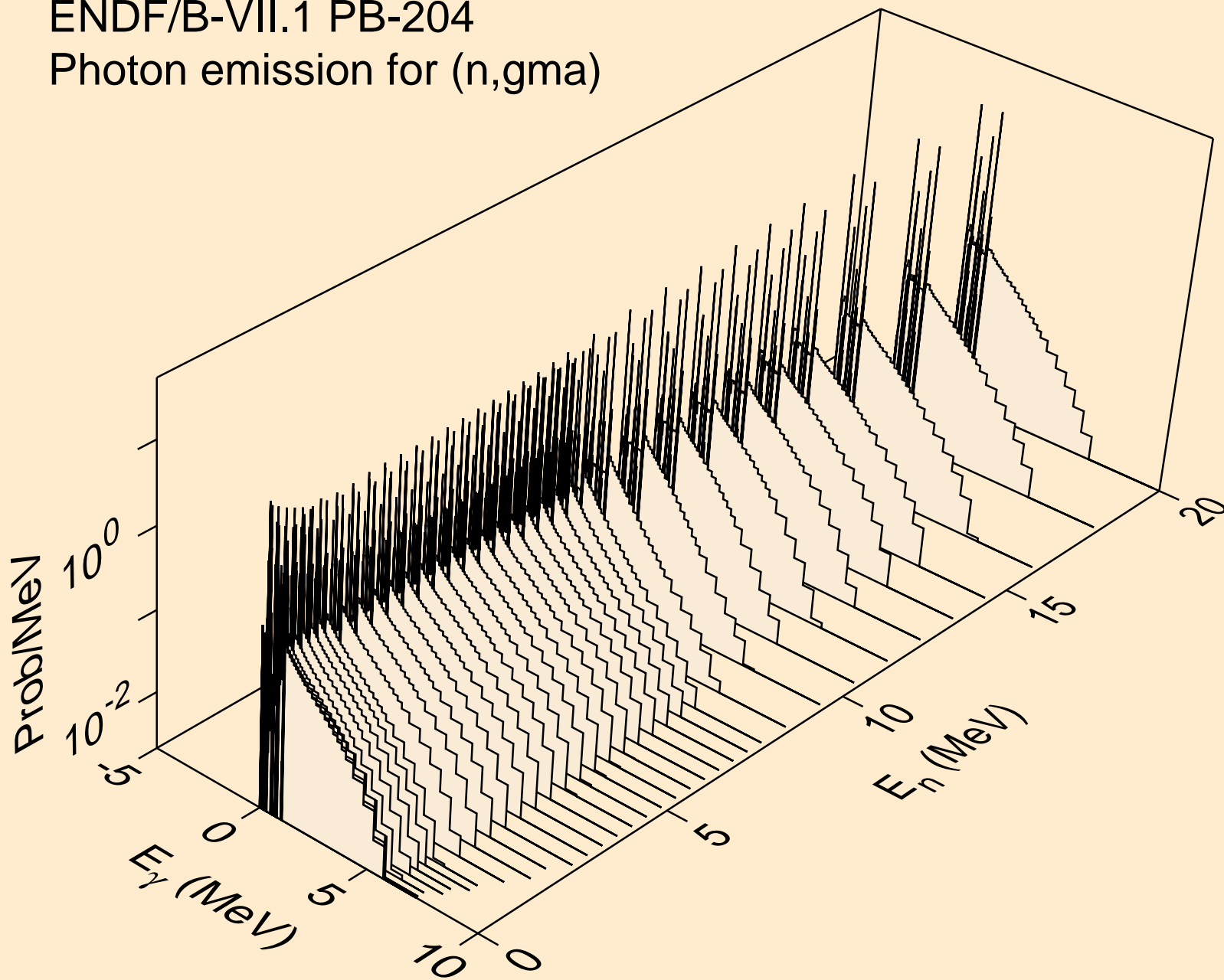
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*20)



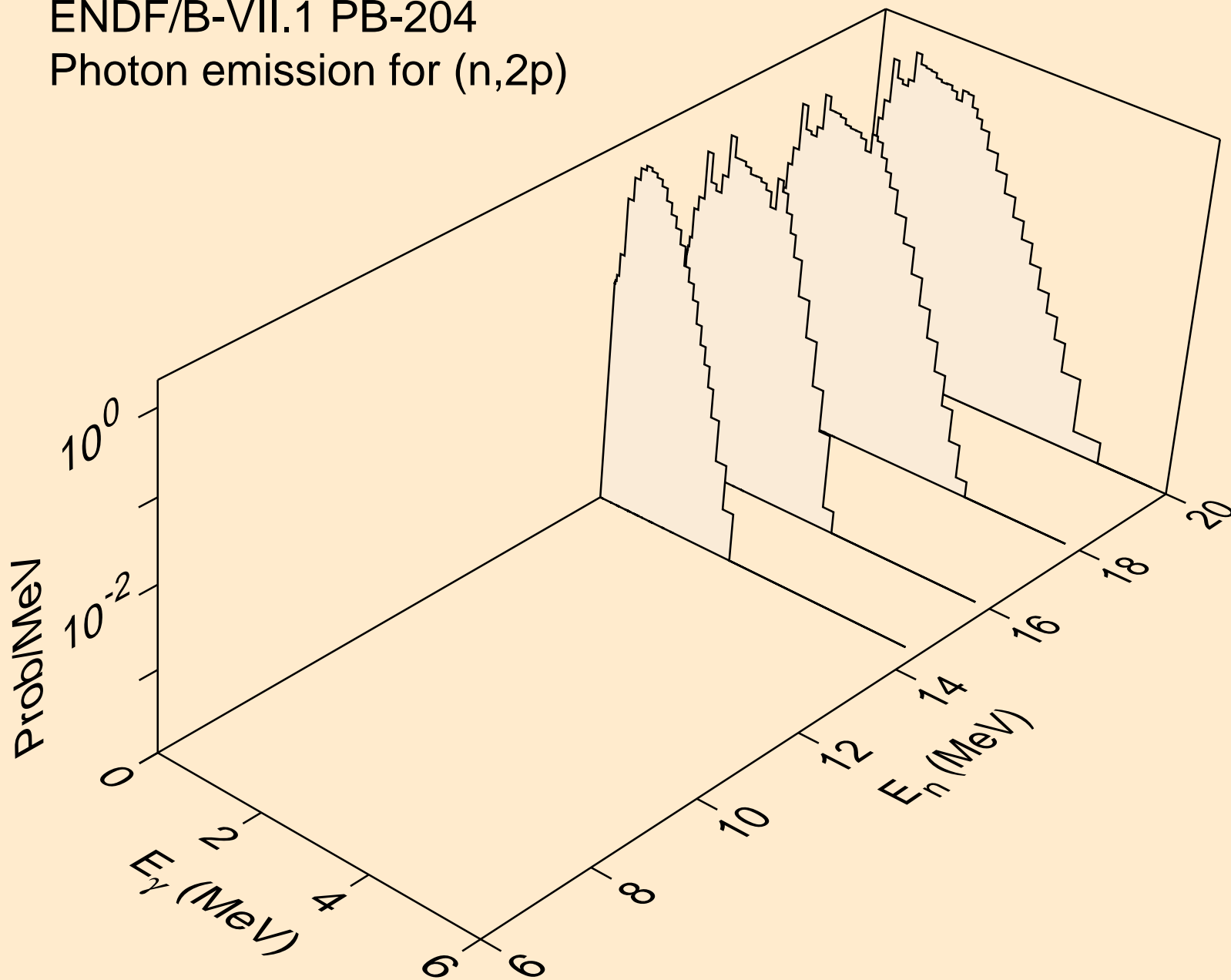
ENDF/B-VII.1 PB-204  
Photon emission for (n,n\*c)



ENDF/B-VII.1 PB-204  
Photon emission for (n,gma)

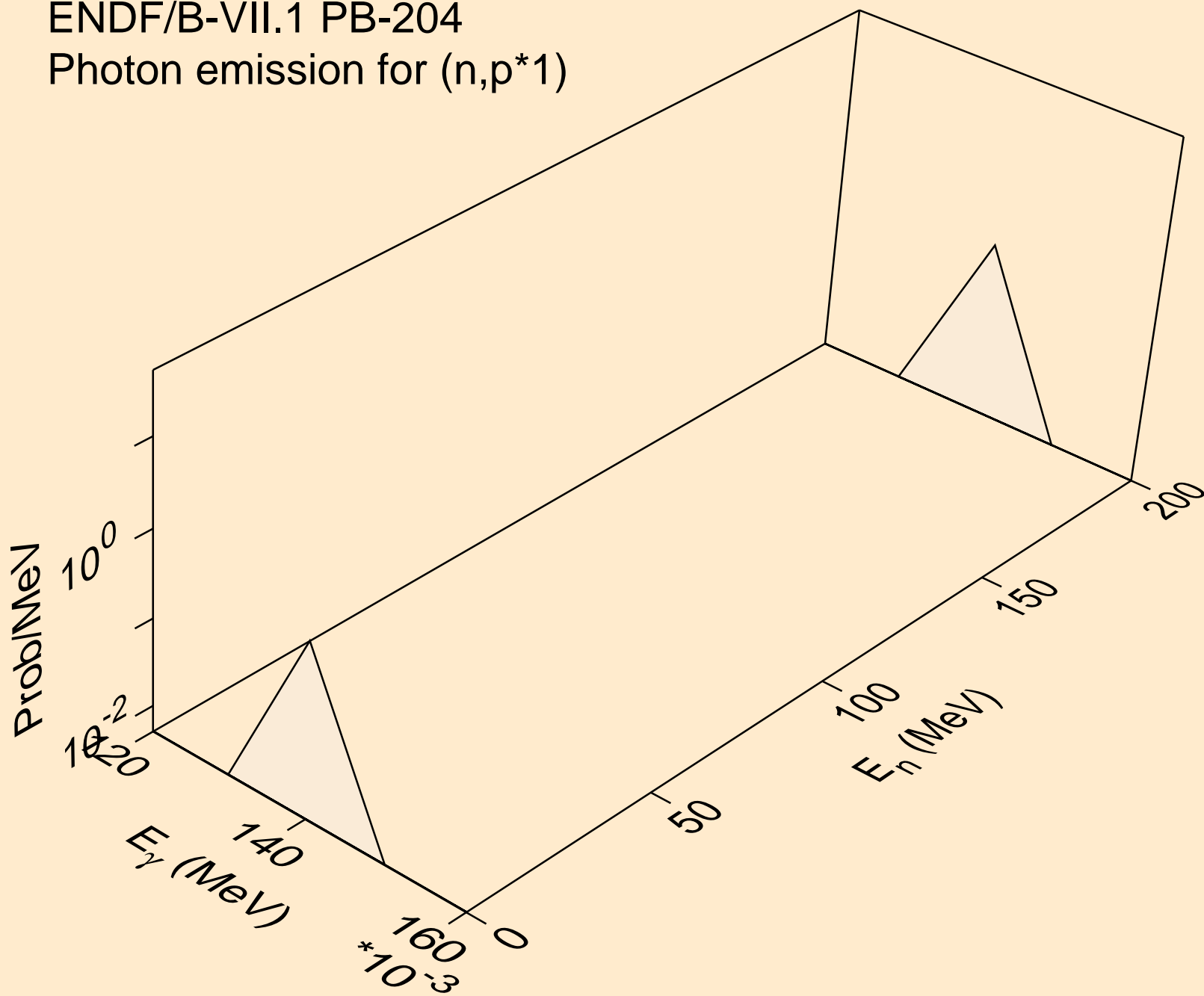


ENDF/B-VII.1 PB-204  
Photon emission for (n,2p)

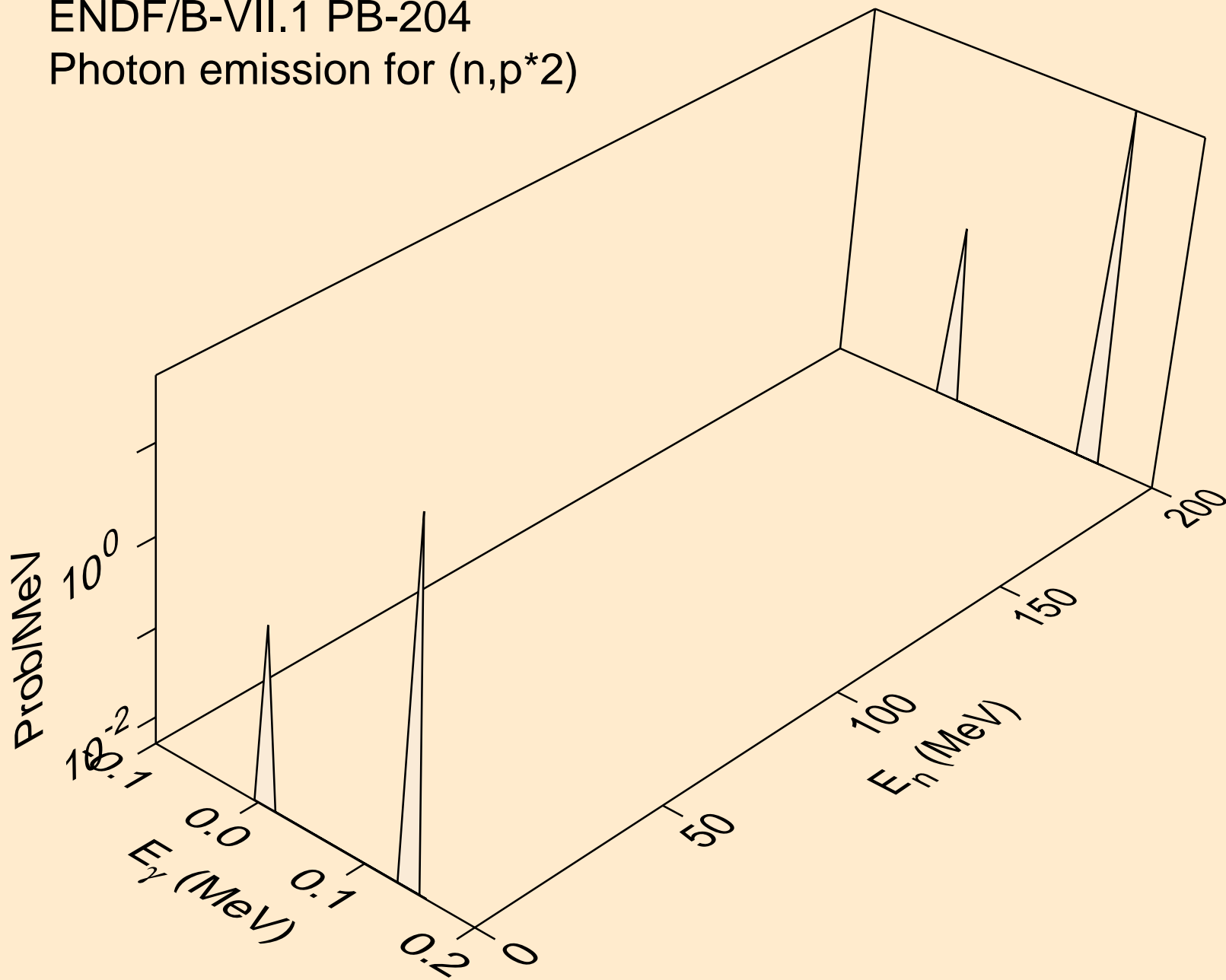




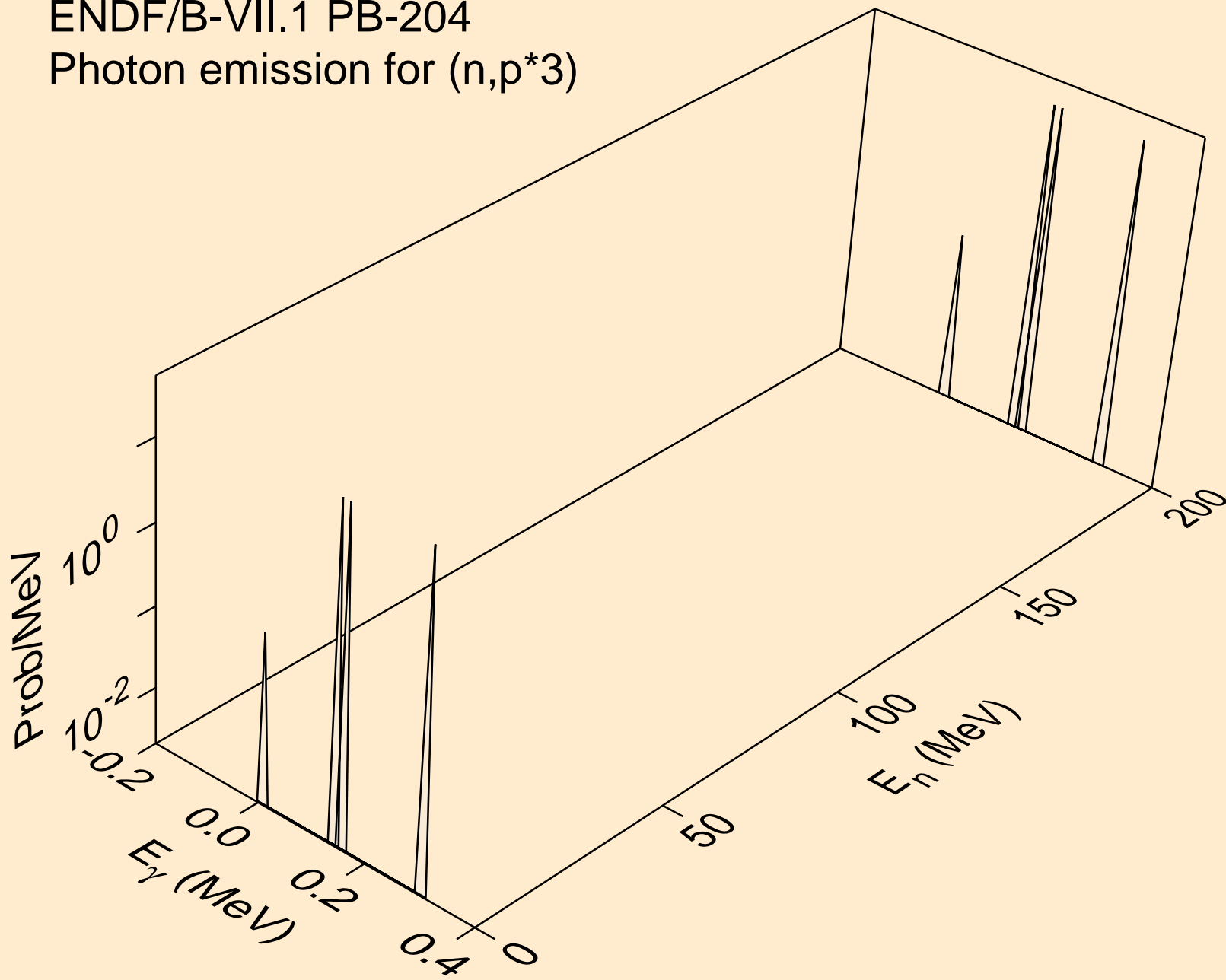
ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*1)



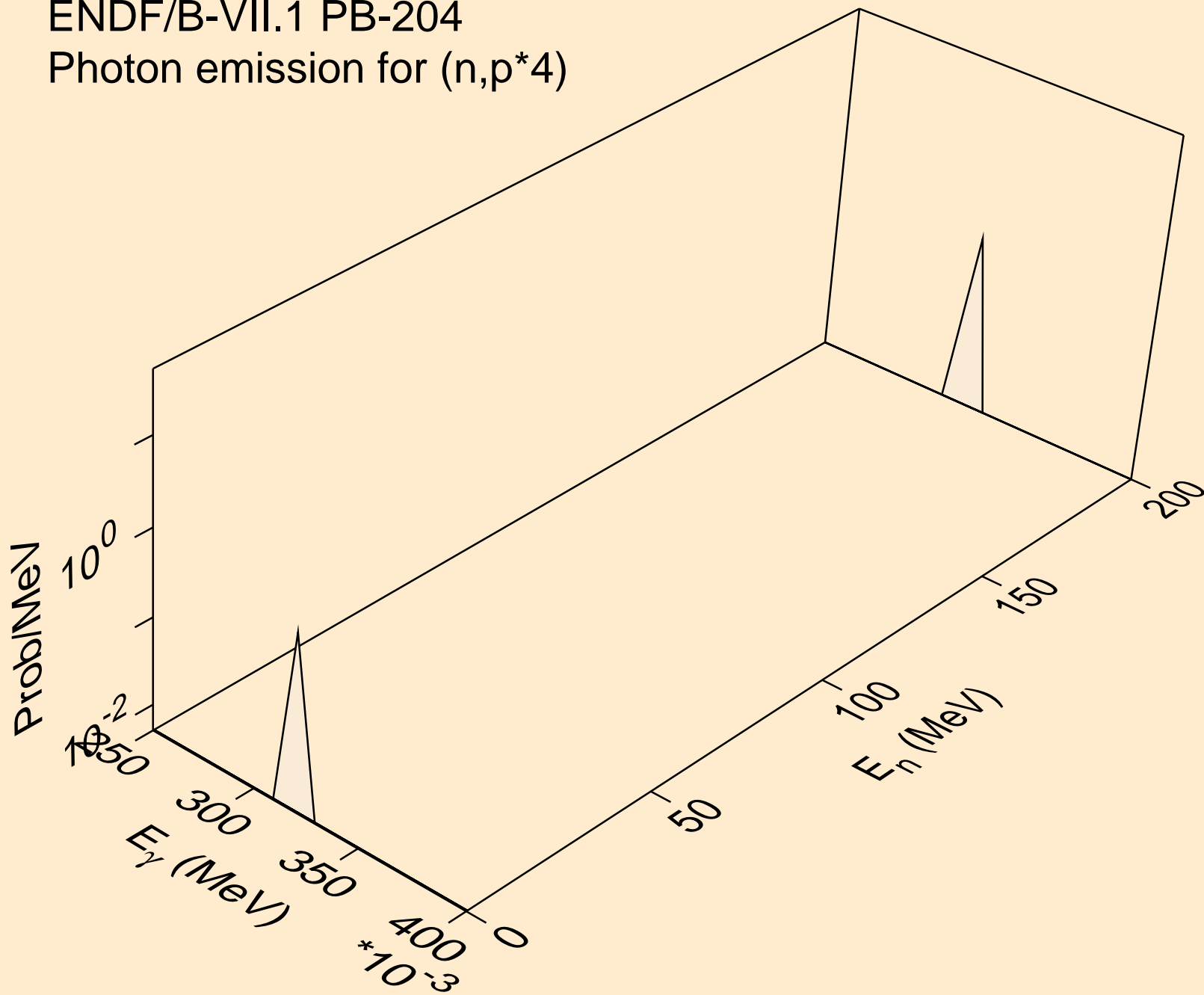
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Photon emission for (n,p\*2)



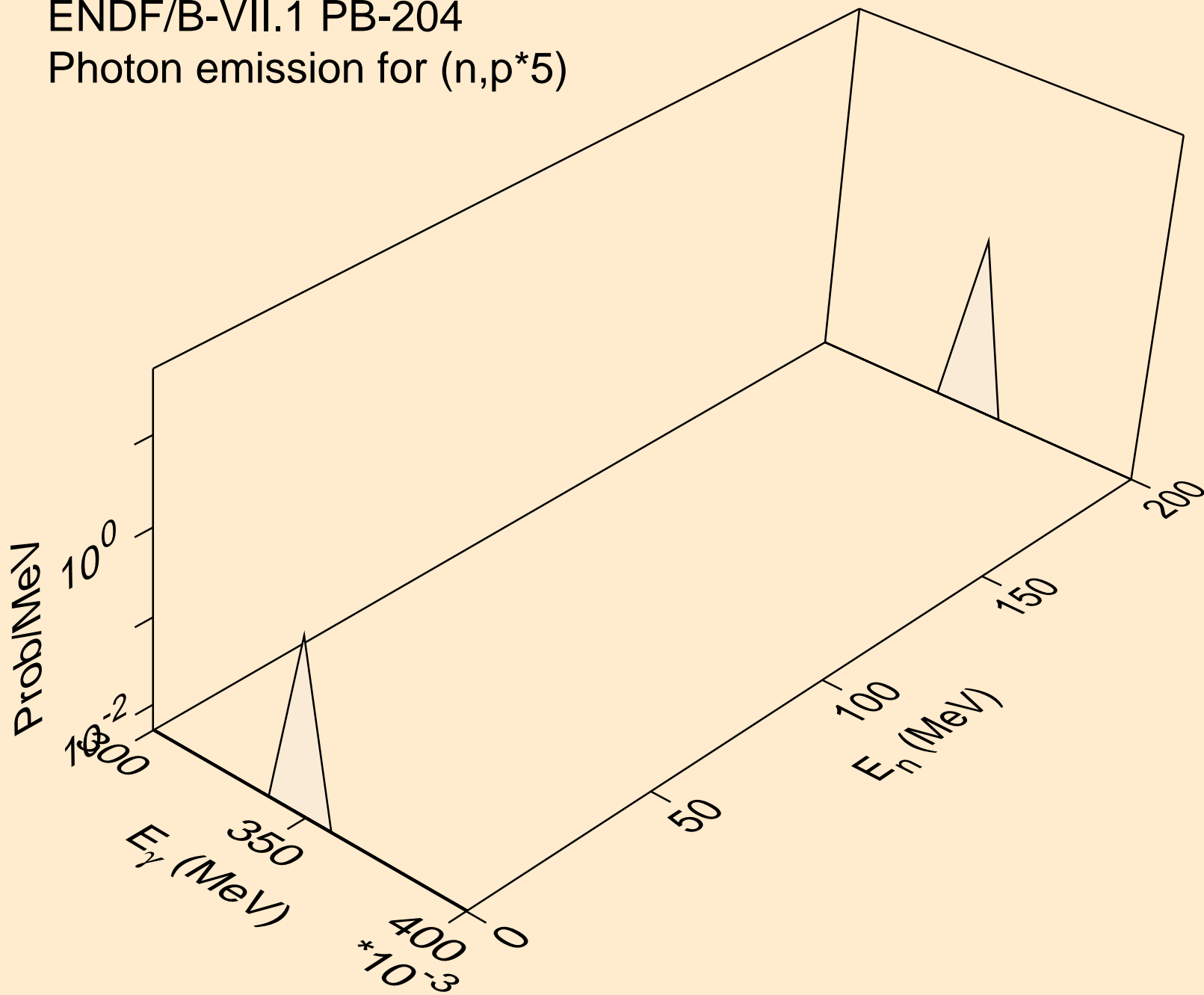
ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*3)



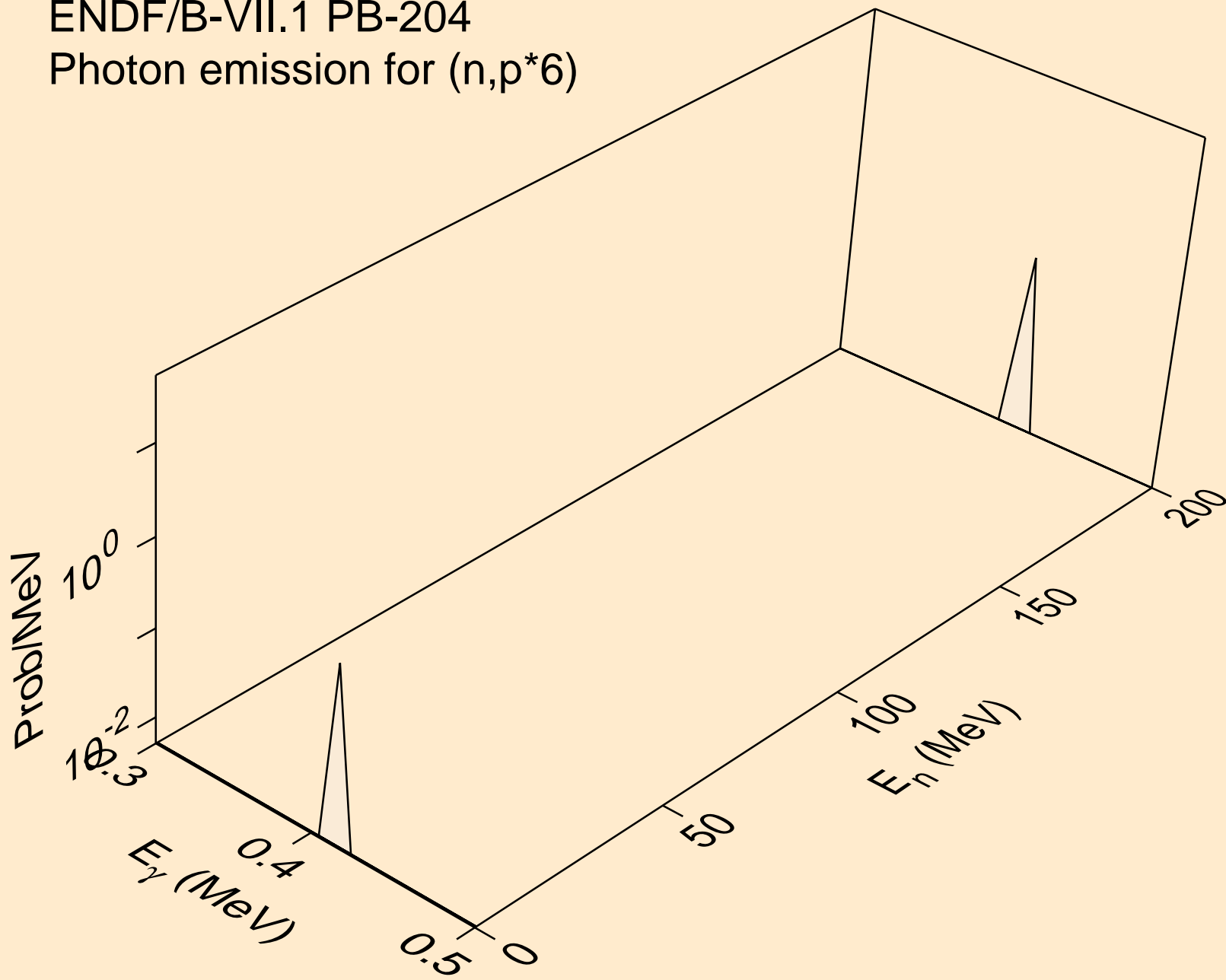
ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*4)



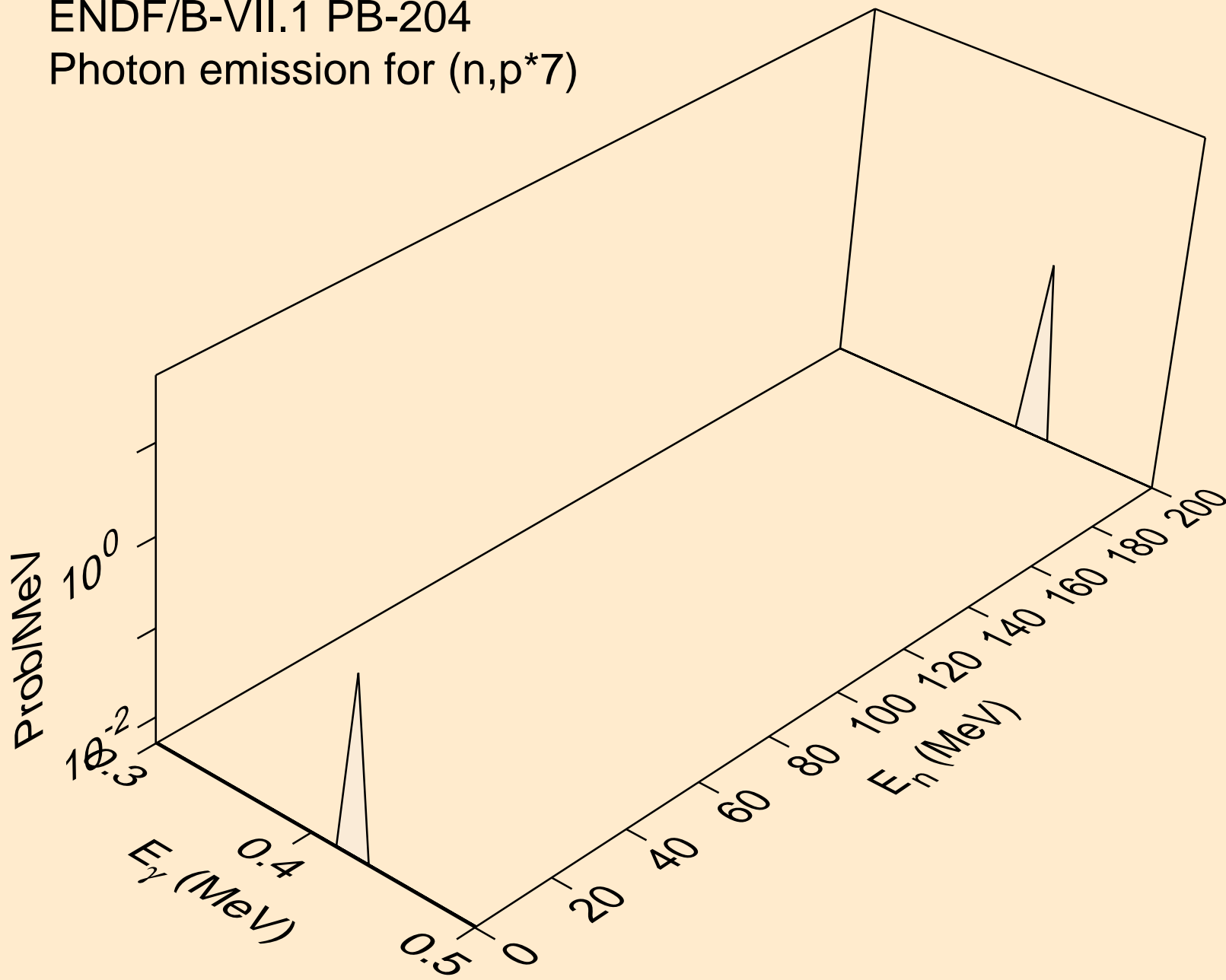
ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*5)



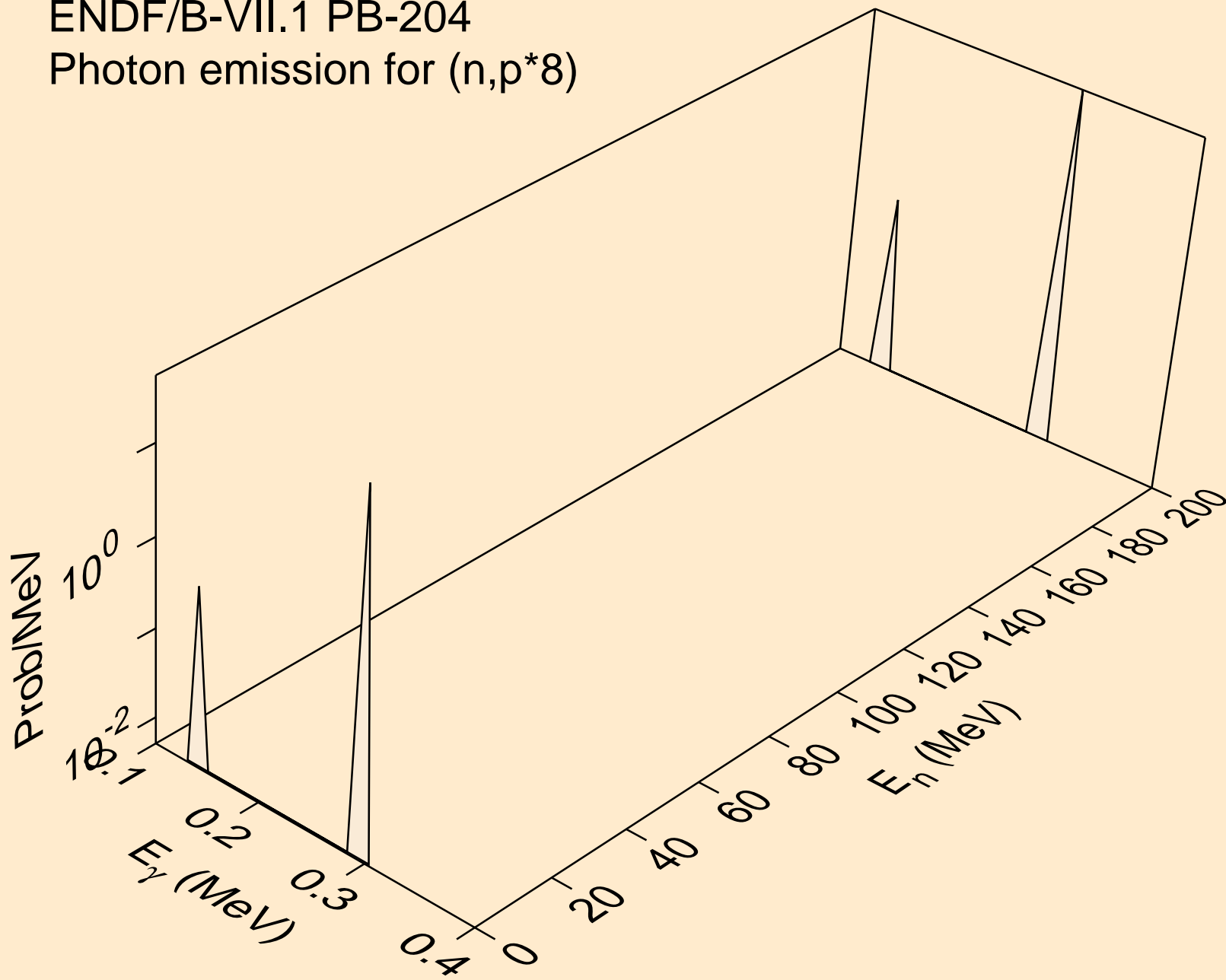
ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*6)



ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*7)

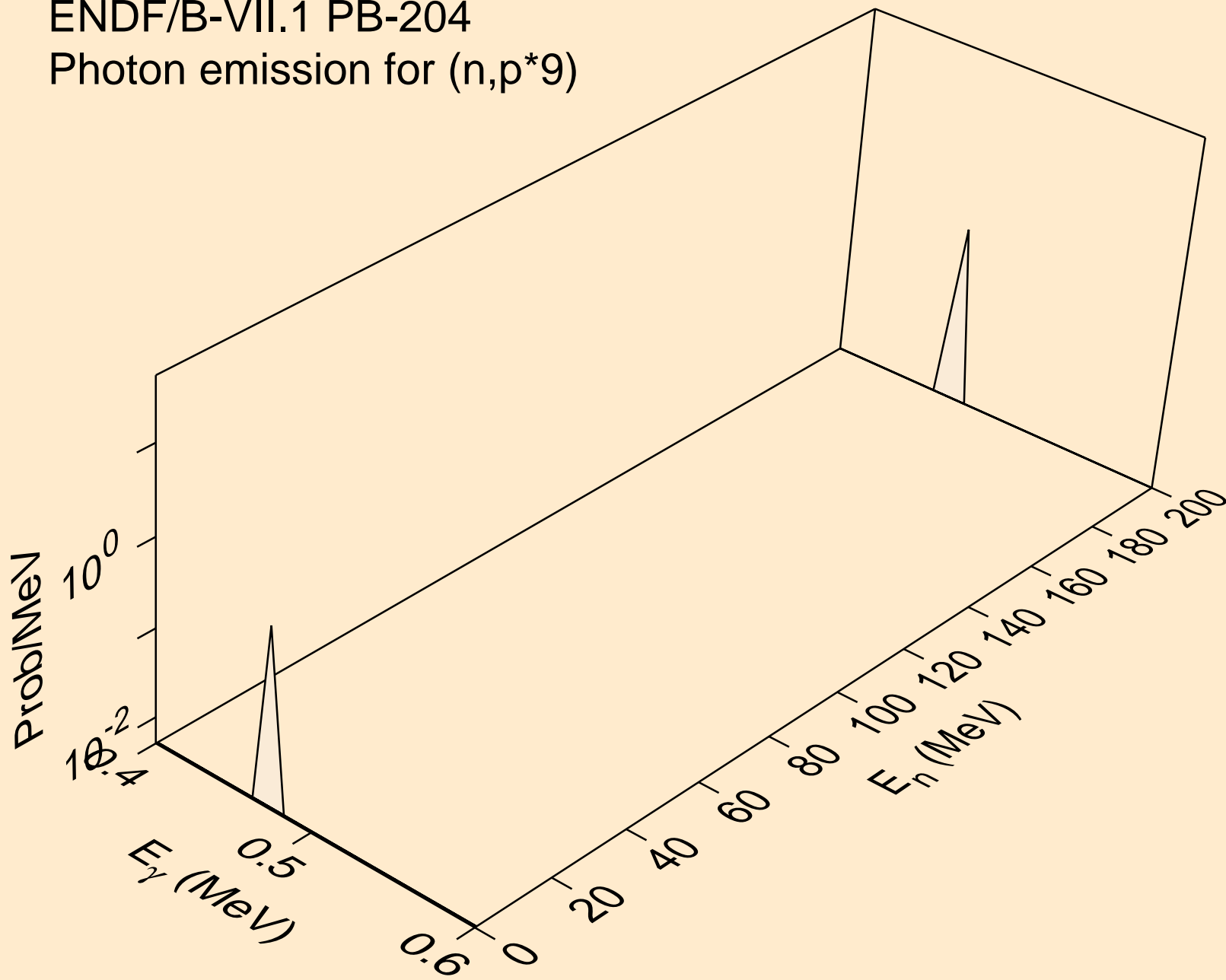


ENDF/B-VII.1 PB-204  
Photon emission for (n,p\*8)

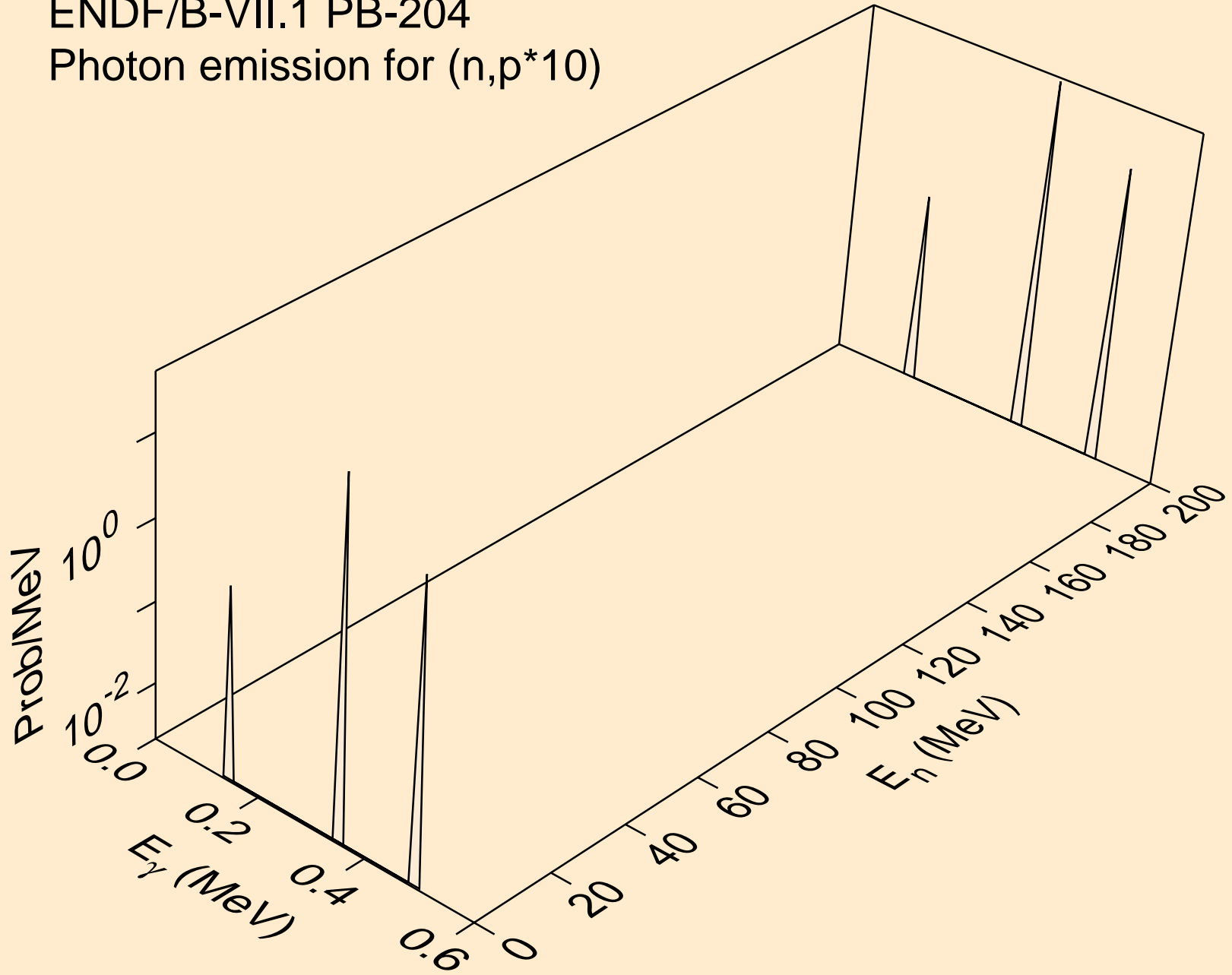




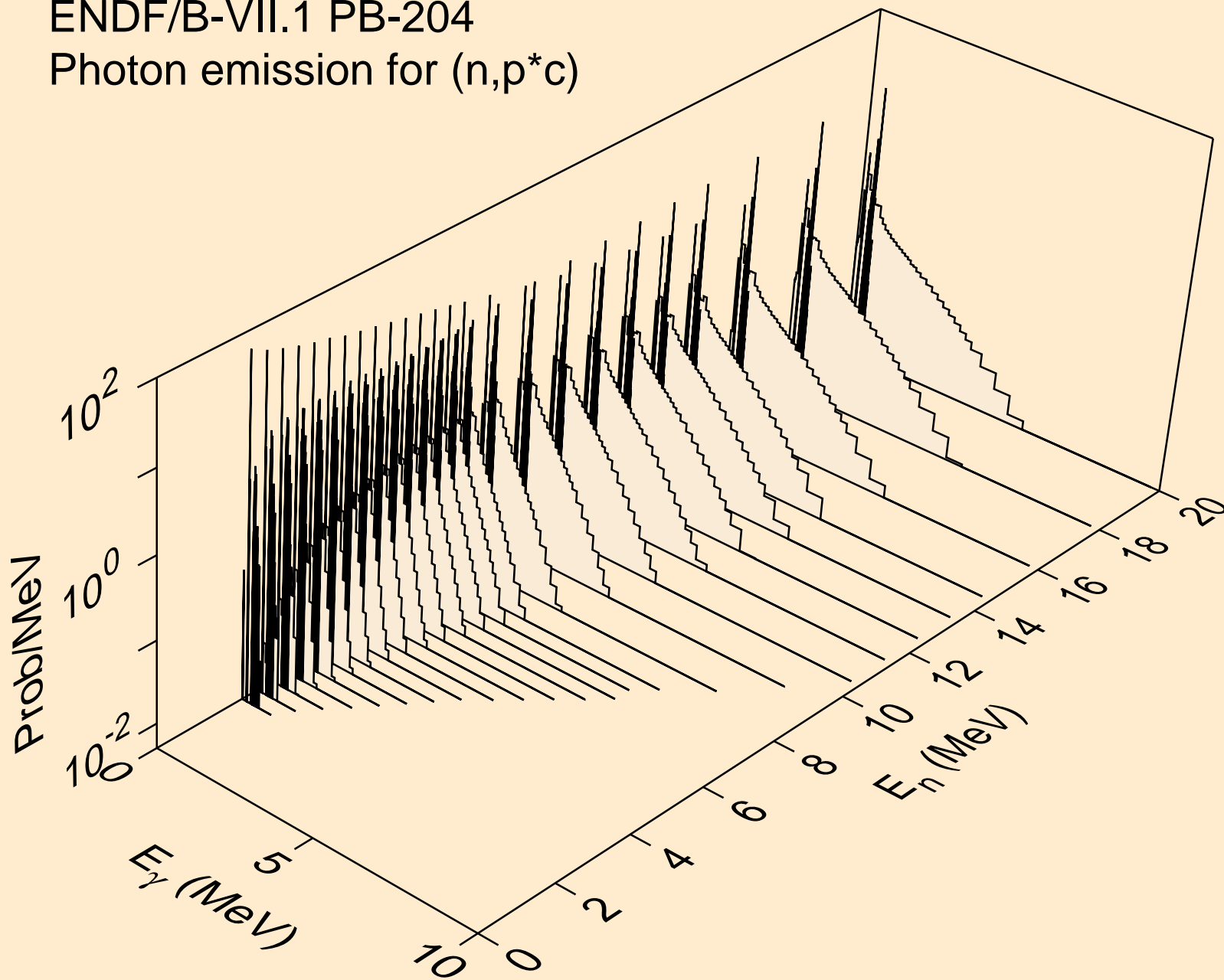
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Photon emission for (n,p\*9)



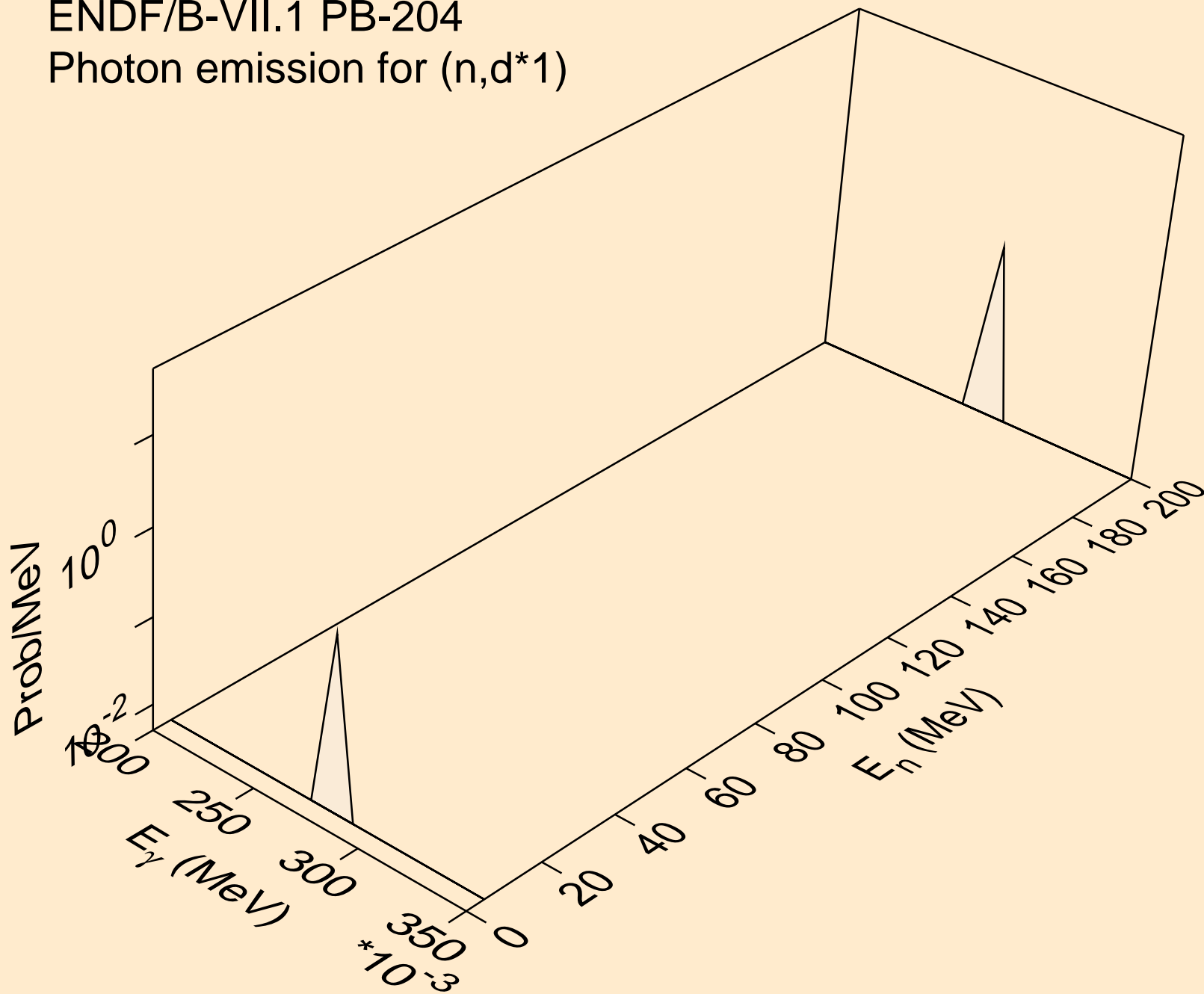
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Photon emission for (n,p\*10)



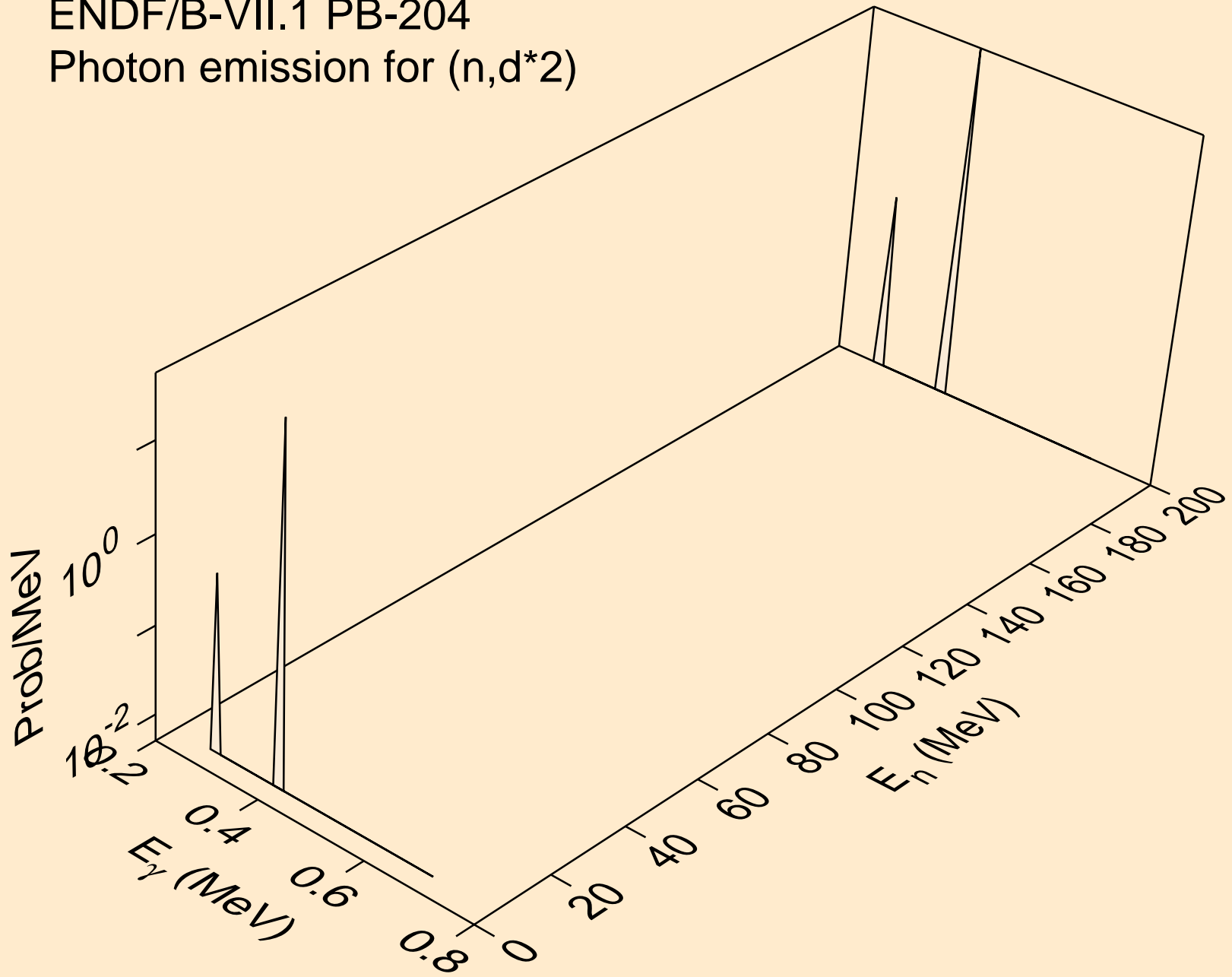
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Photon emission for (n,p\*c)



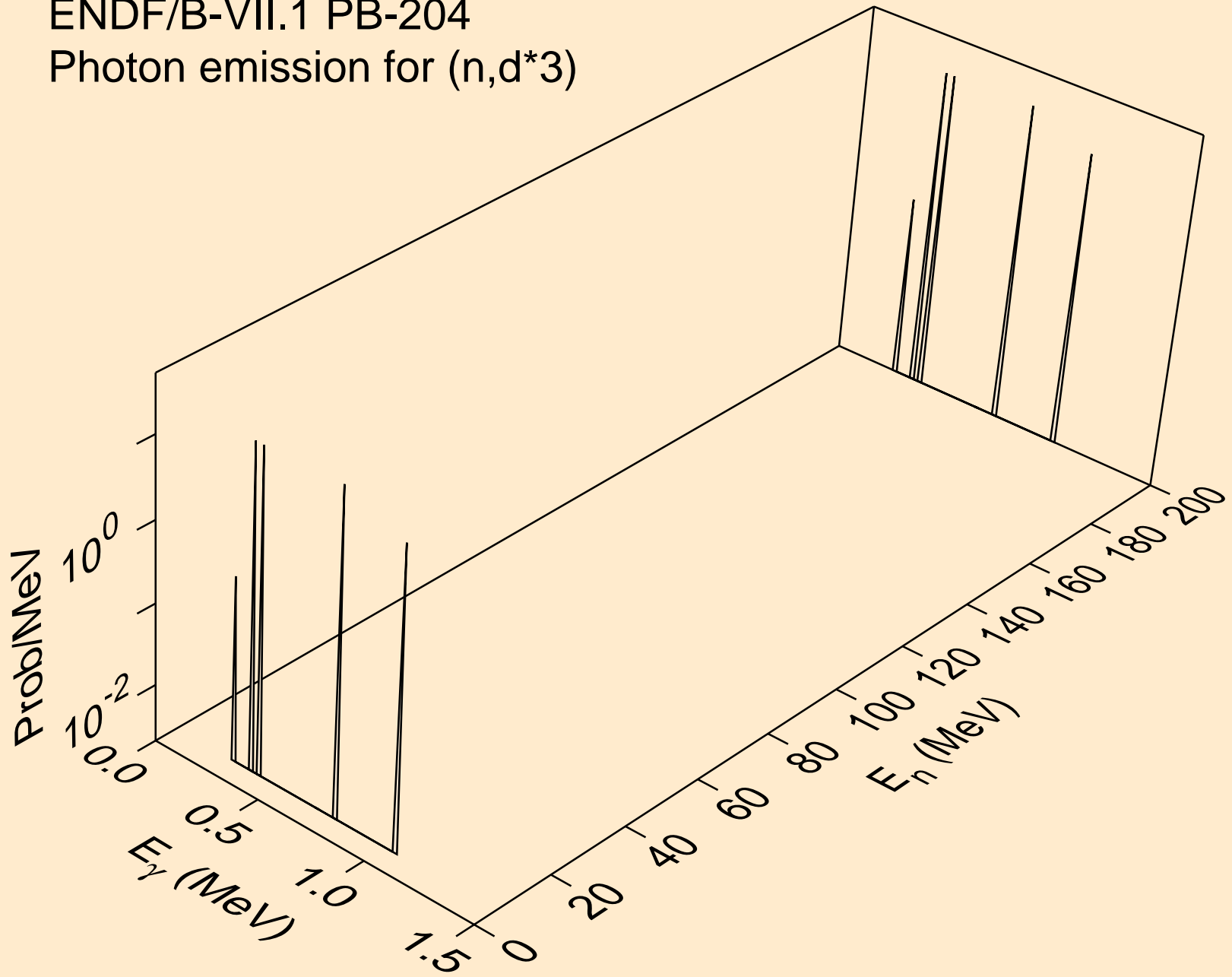
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Photon emission for (n,d\*1)



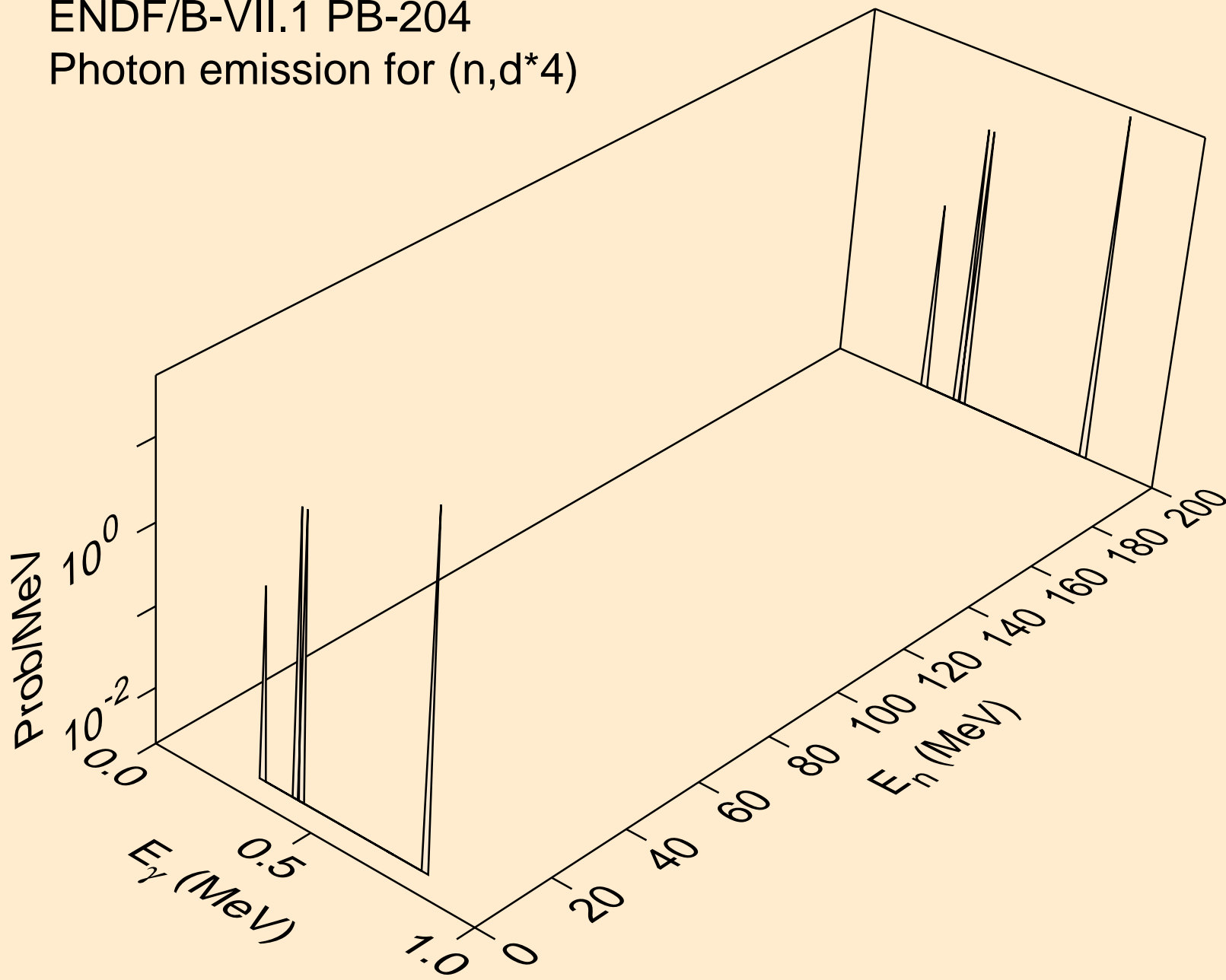
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Photon emission for (n,d\*2)



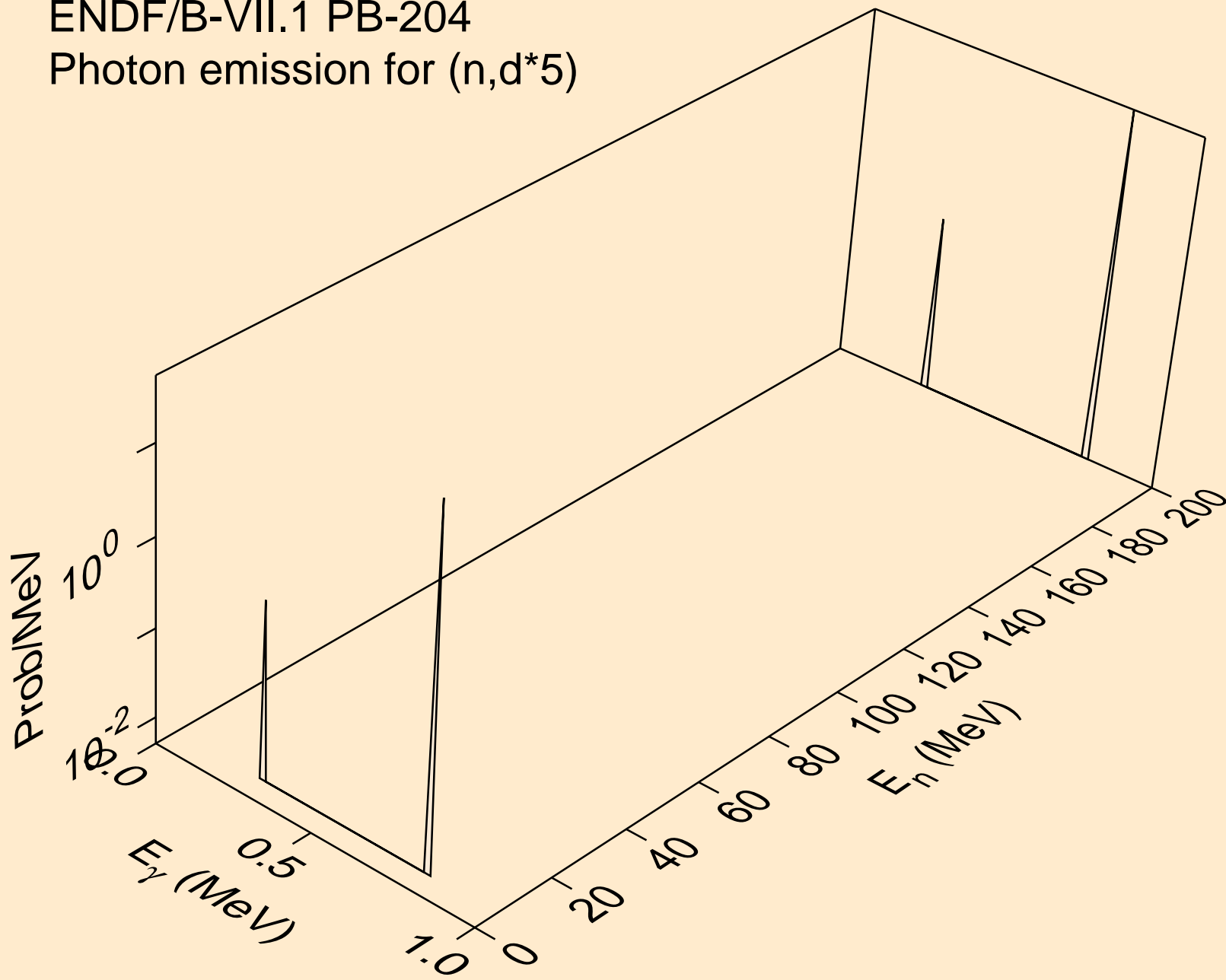
ENDF/B-VII.1 PB-204  
Photon emission for (n,d\*3)



ENDF/B-VII.1 PB-204  
Photon emission for (n,d\*4)

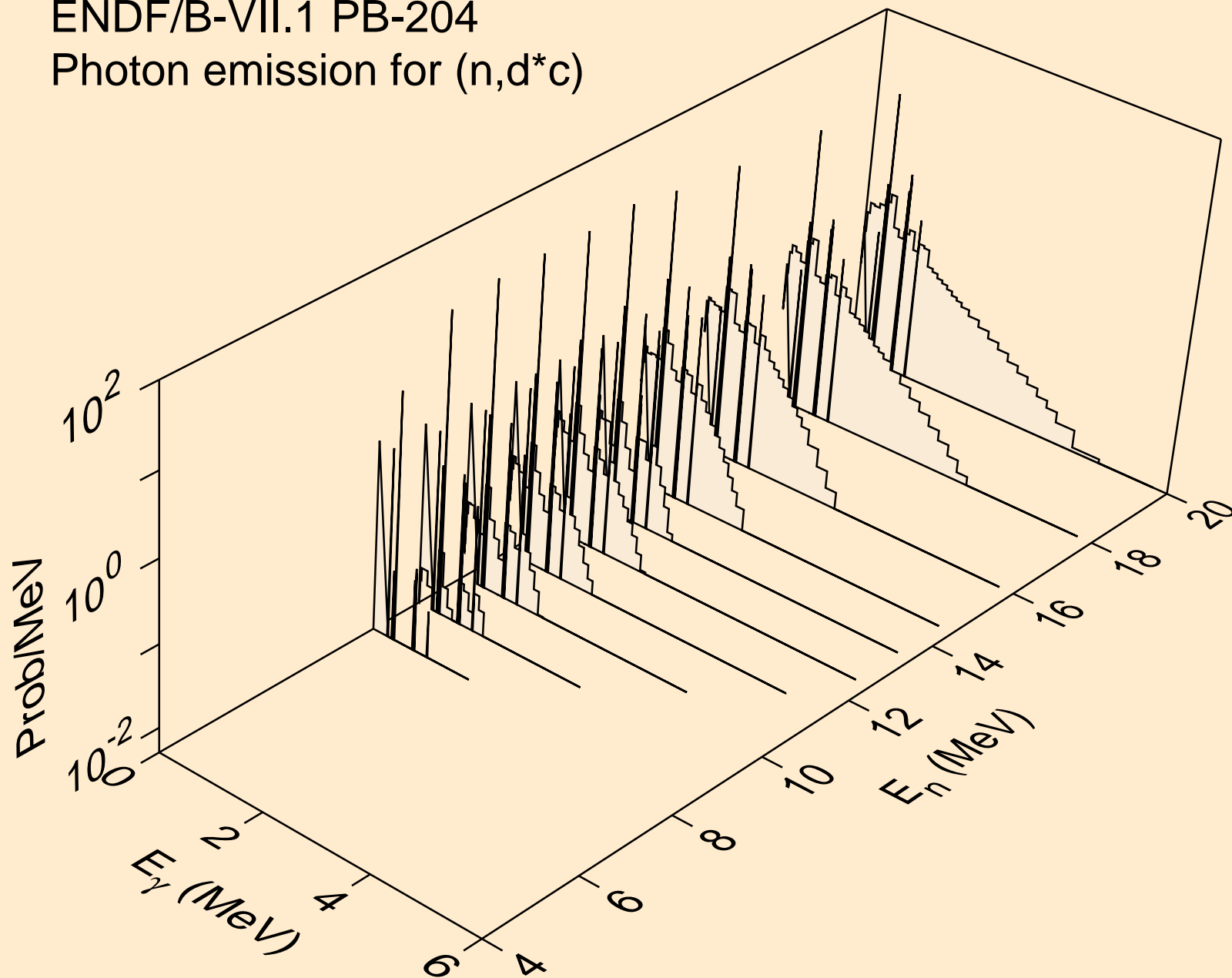


ENDF/B-VII.1 PB-204  
Photon emission for (n,d\*5)

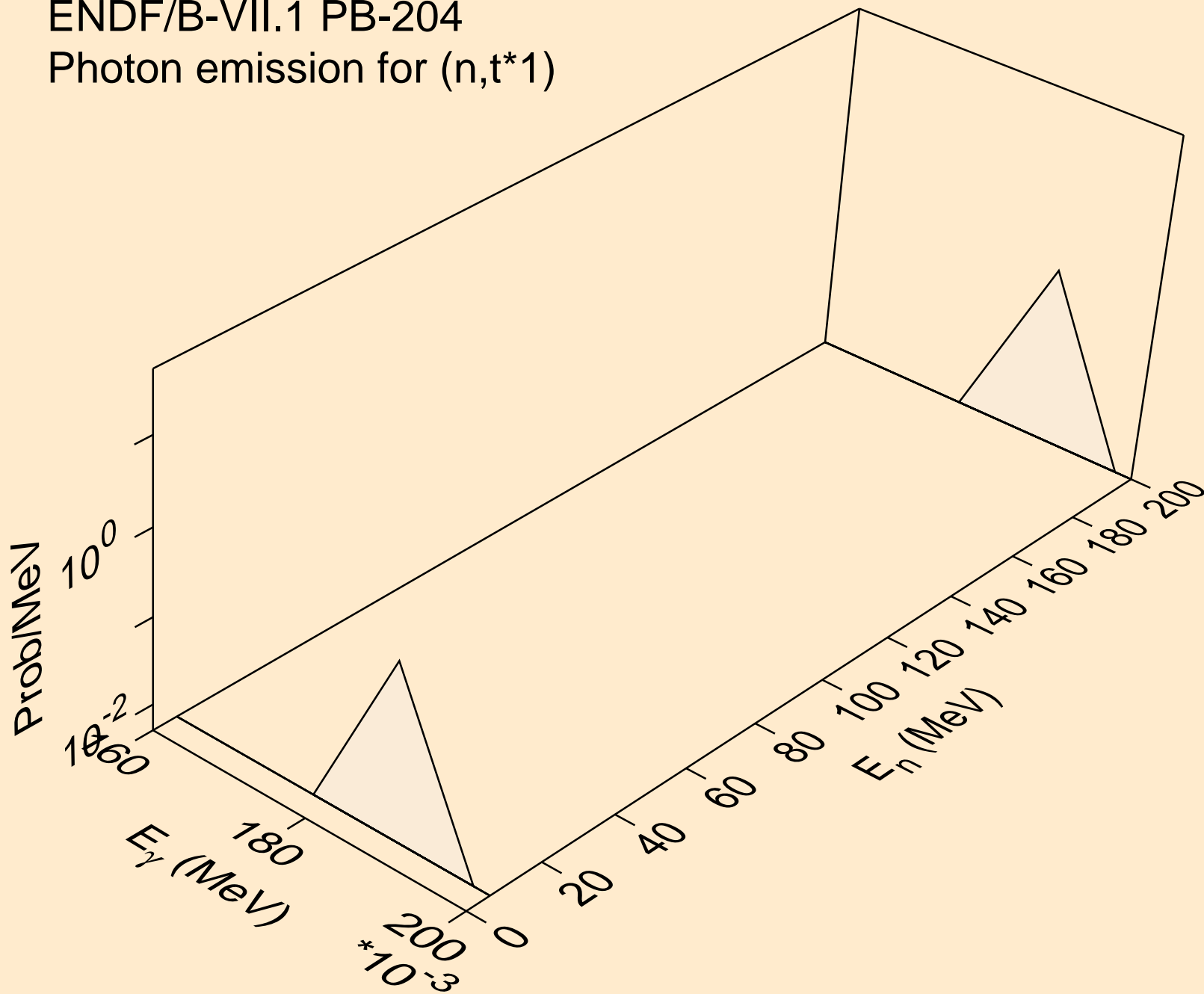




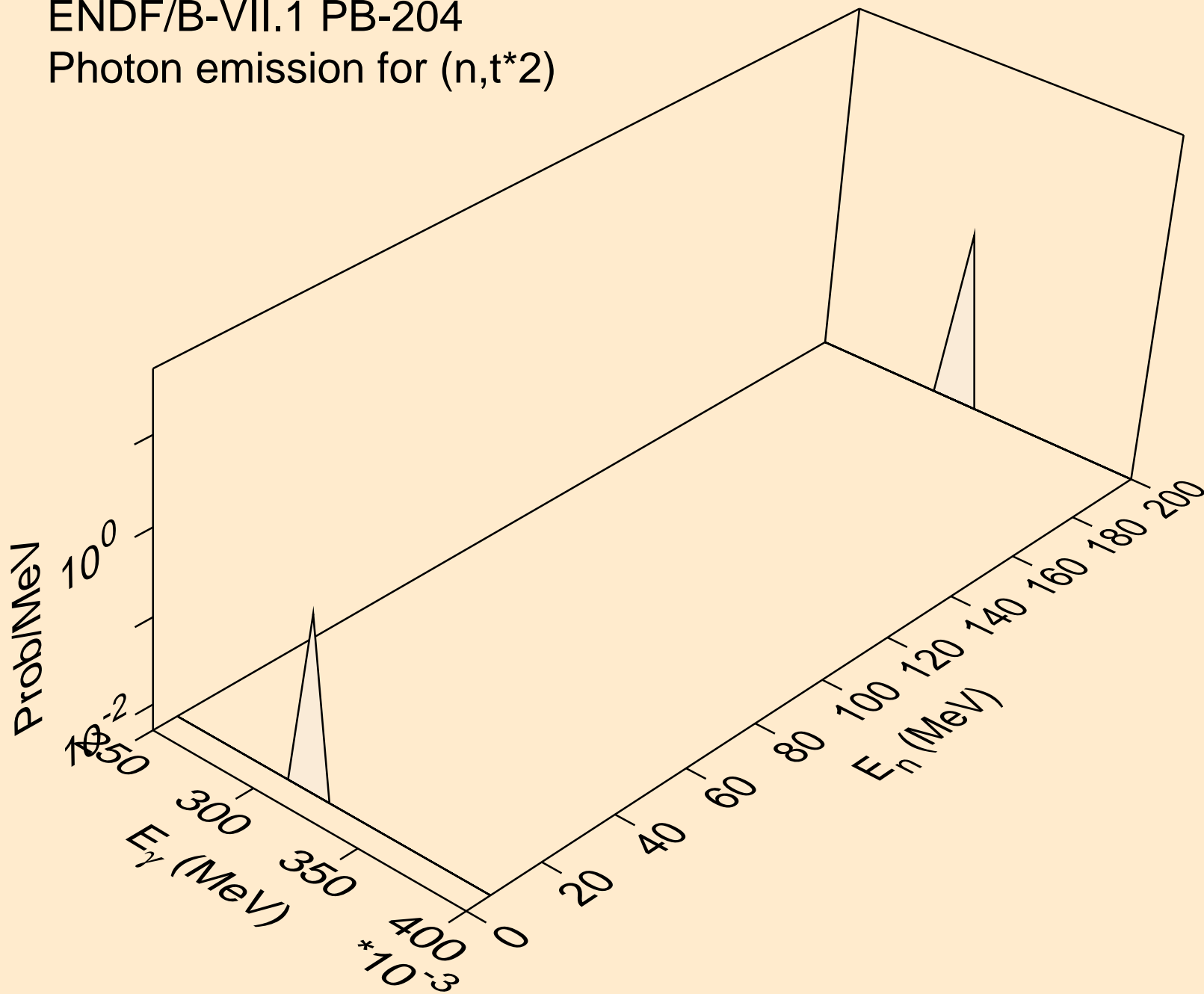
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Photon emission for (n,d\*c)



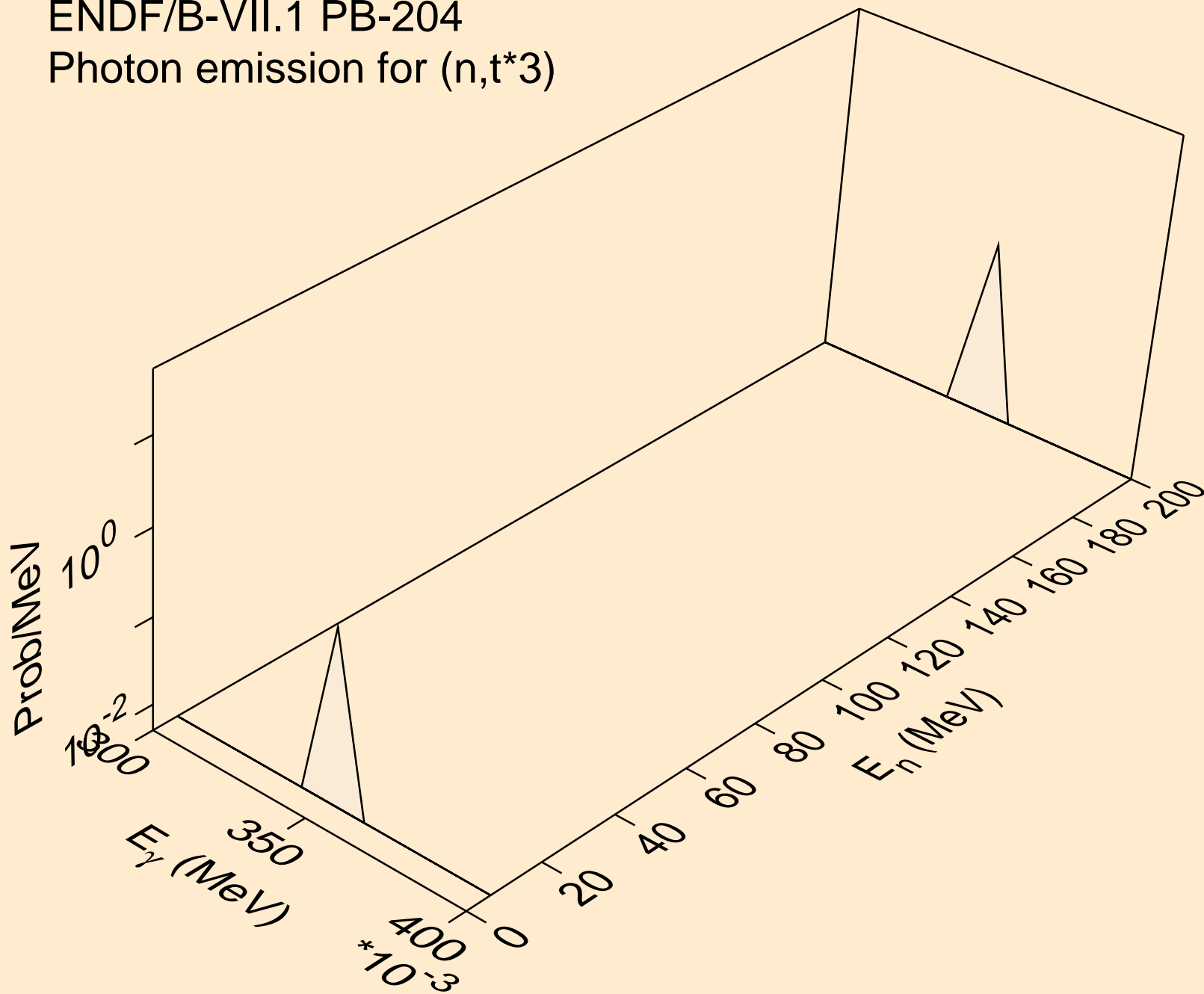
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Photon emission for (n,t\*1)



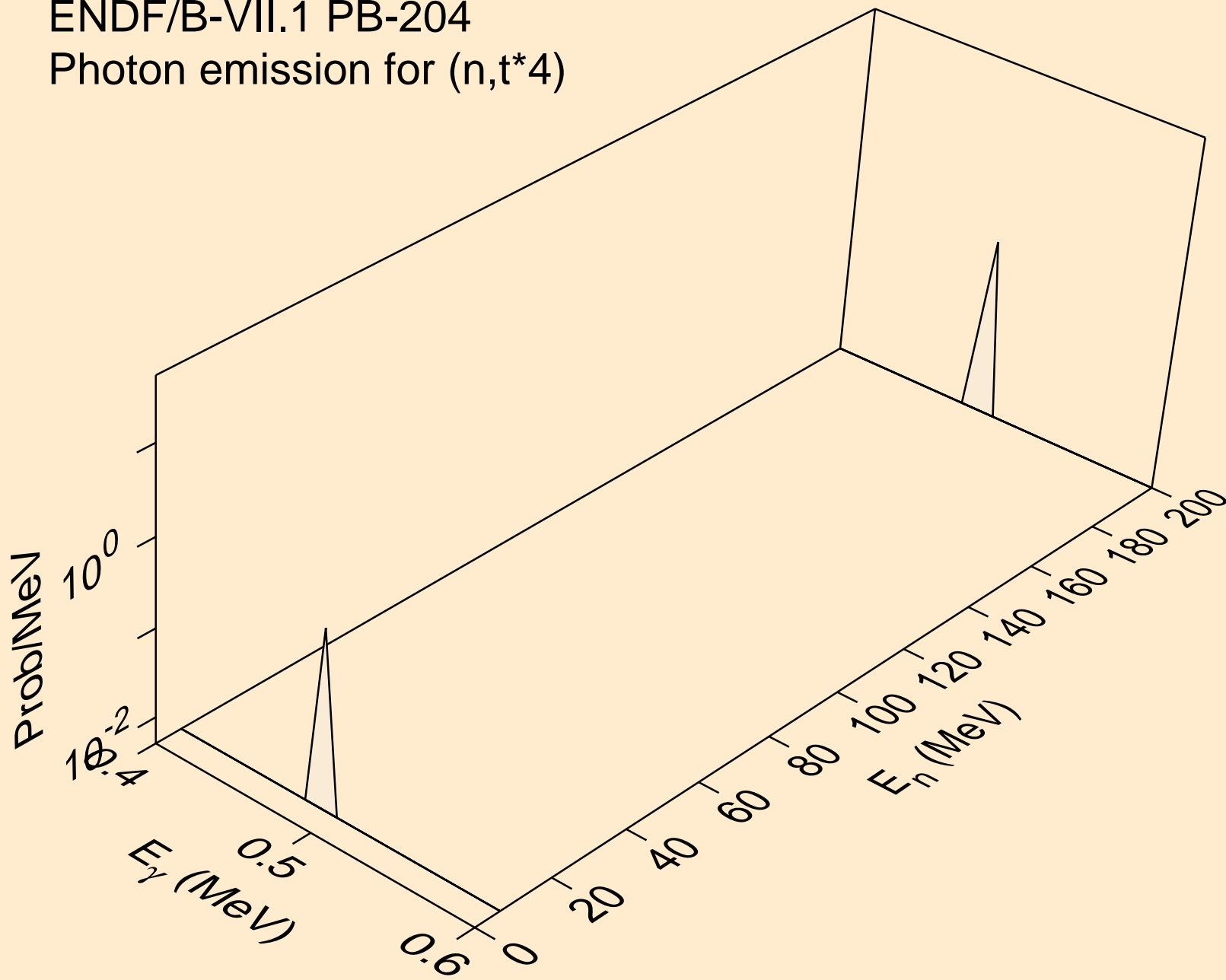
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Photon emission for (n,t\*2)



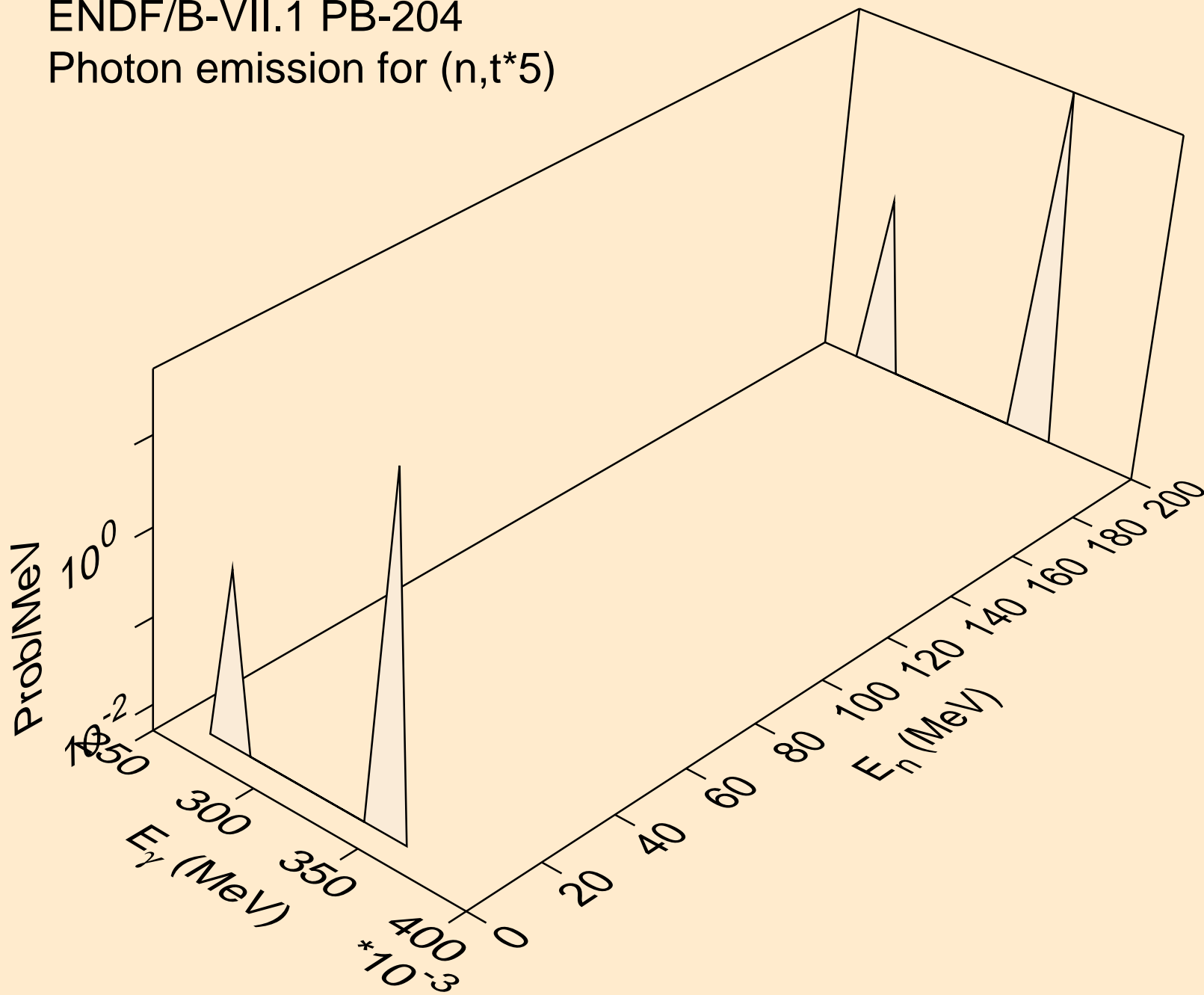
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Photon emission for (n,t\*3)



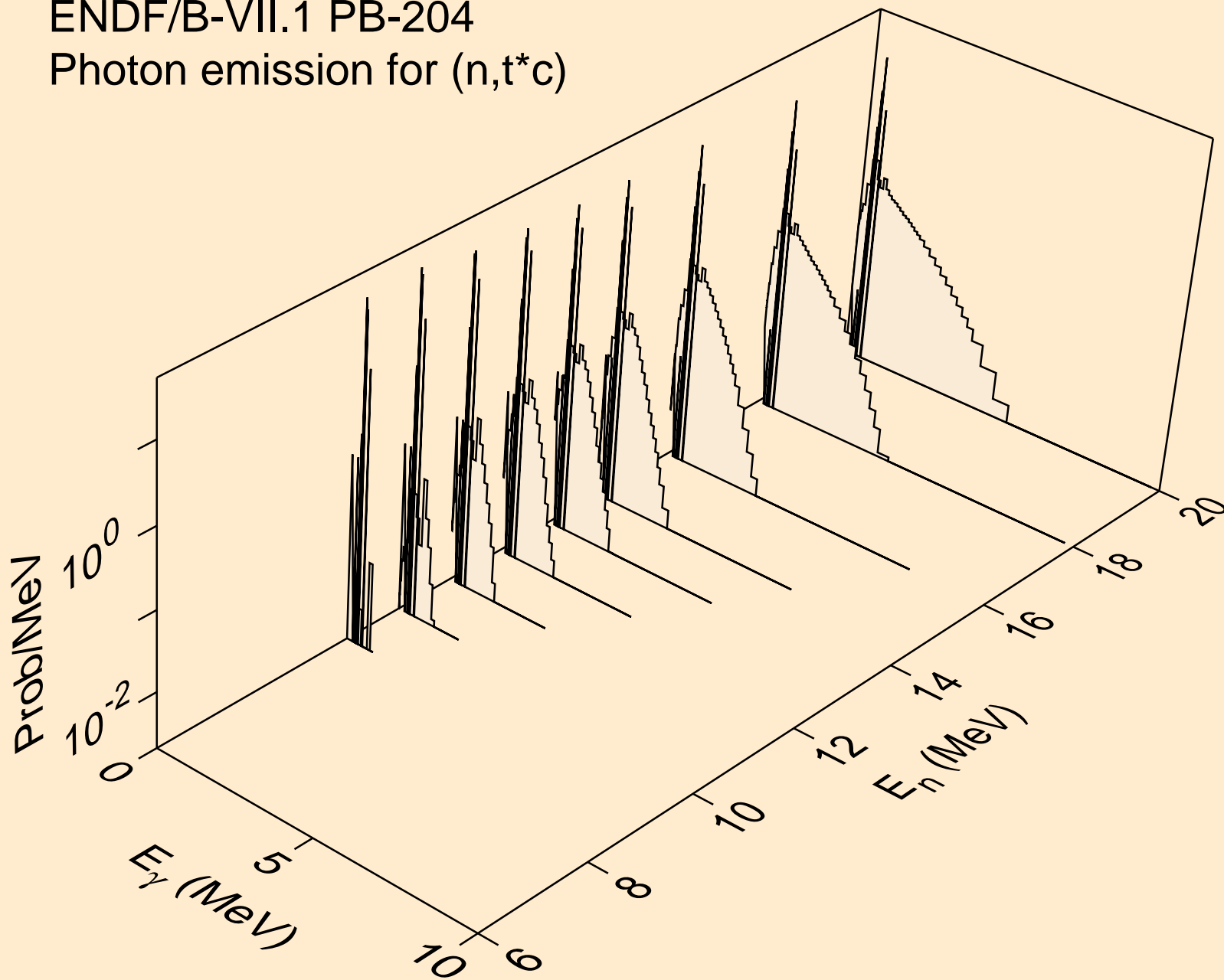
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Photon emission for (n,t\*4)



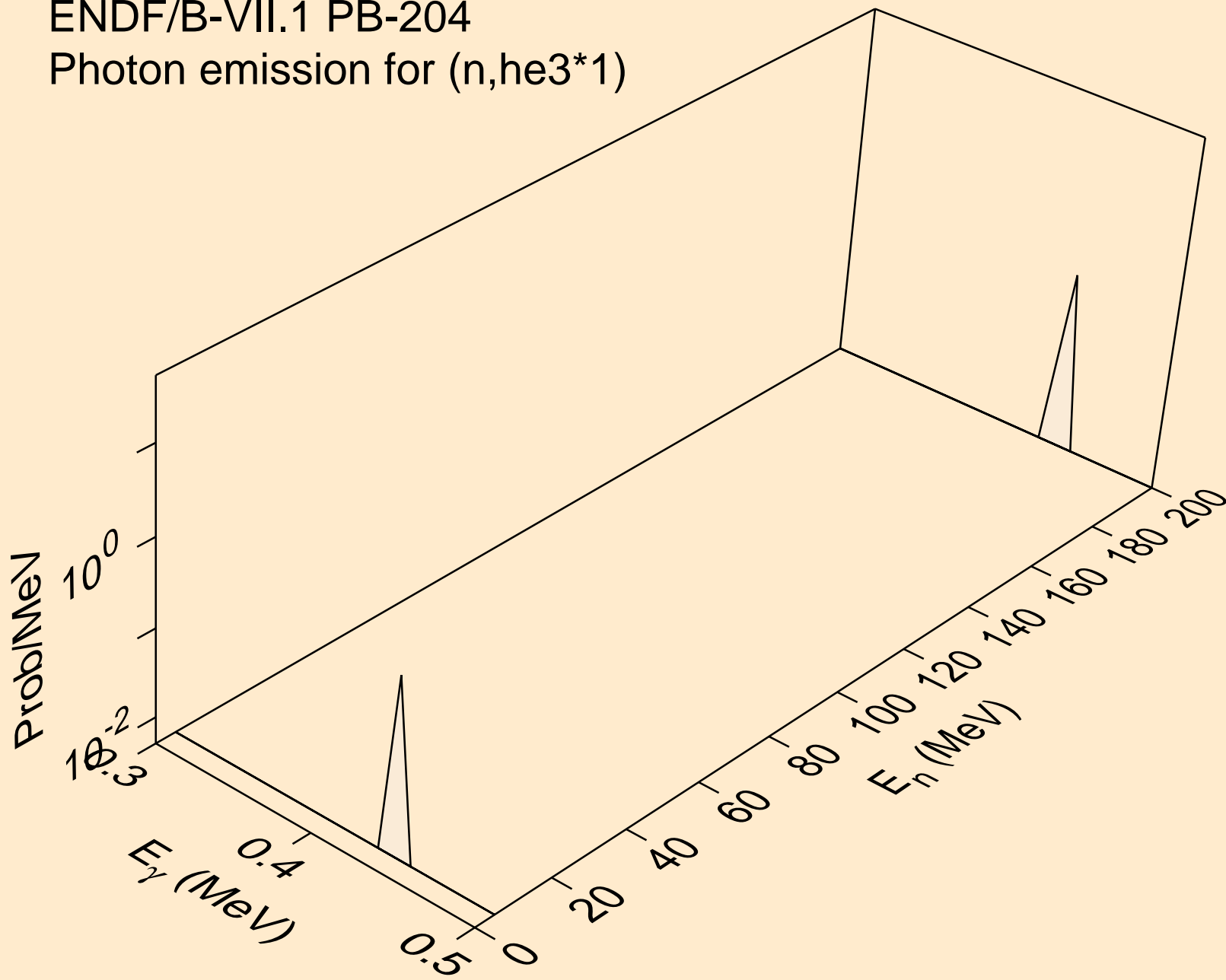
ENDF/B-VII.1 PB-204  
Photon emission for (n,t\*5)



ENDF/B-VII.1 PB-204  
Photon emission for (n,t\*c)

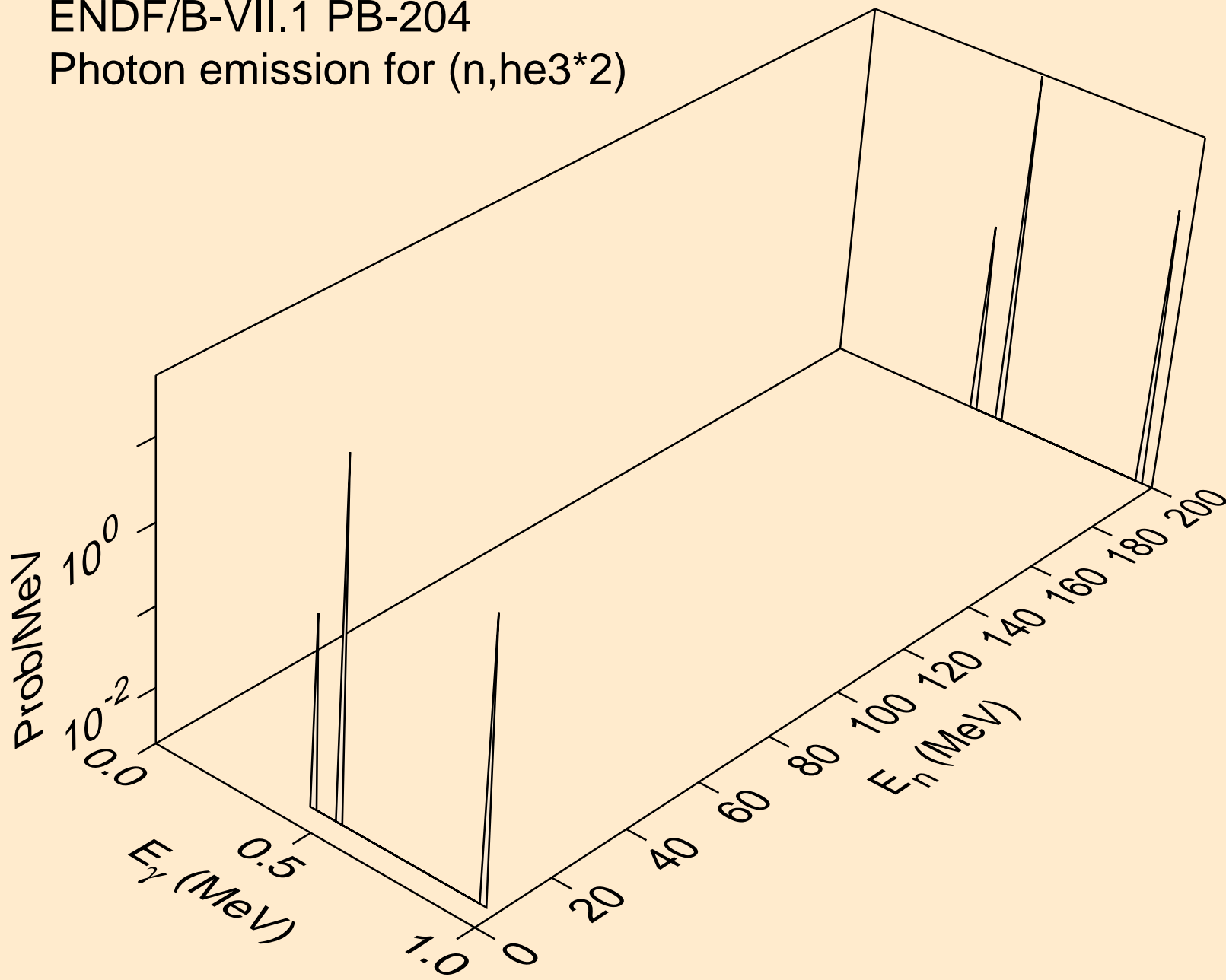


ENDF/B-VII.1 PB-204  
Photon emission for (n,he3\*1)

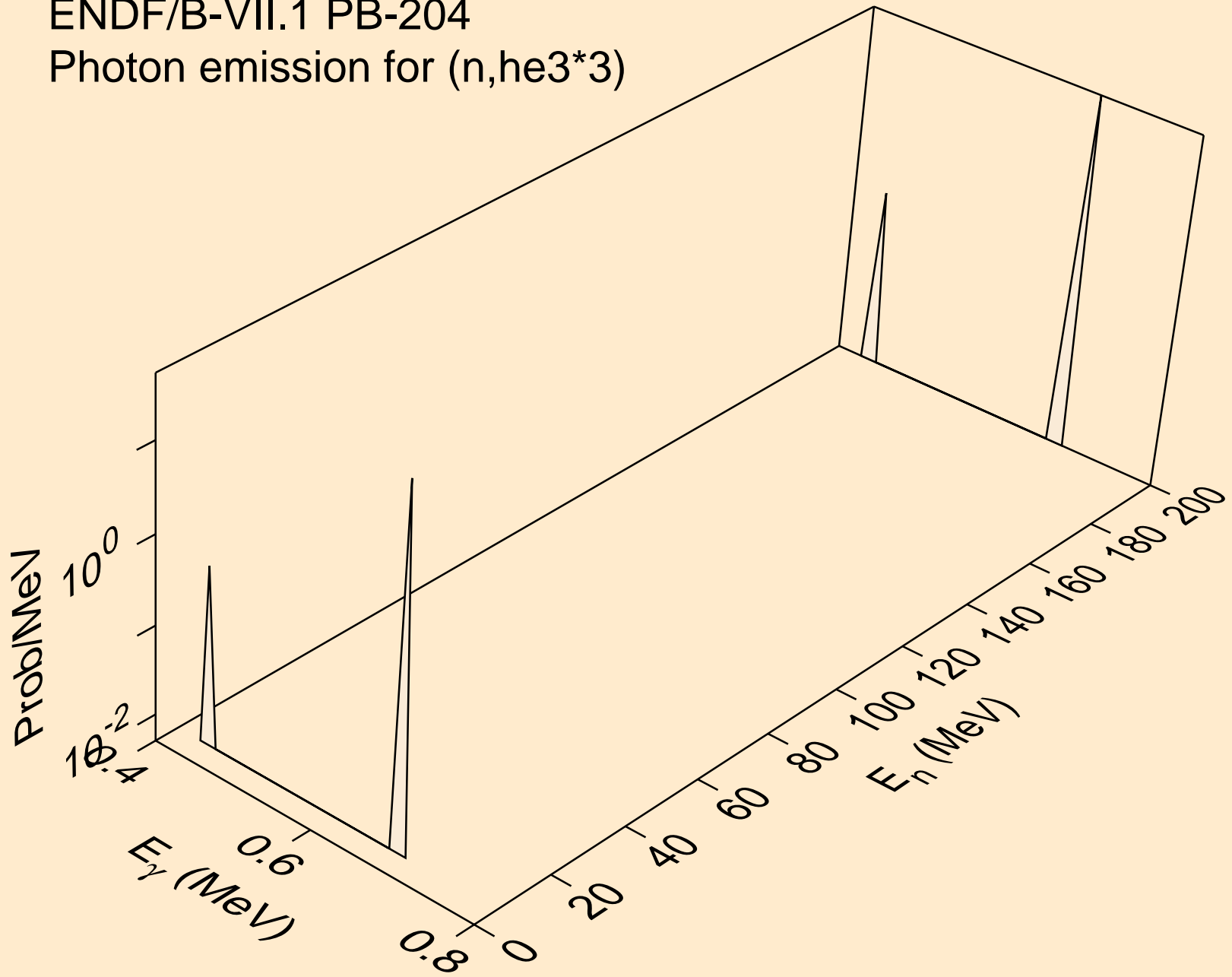




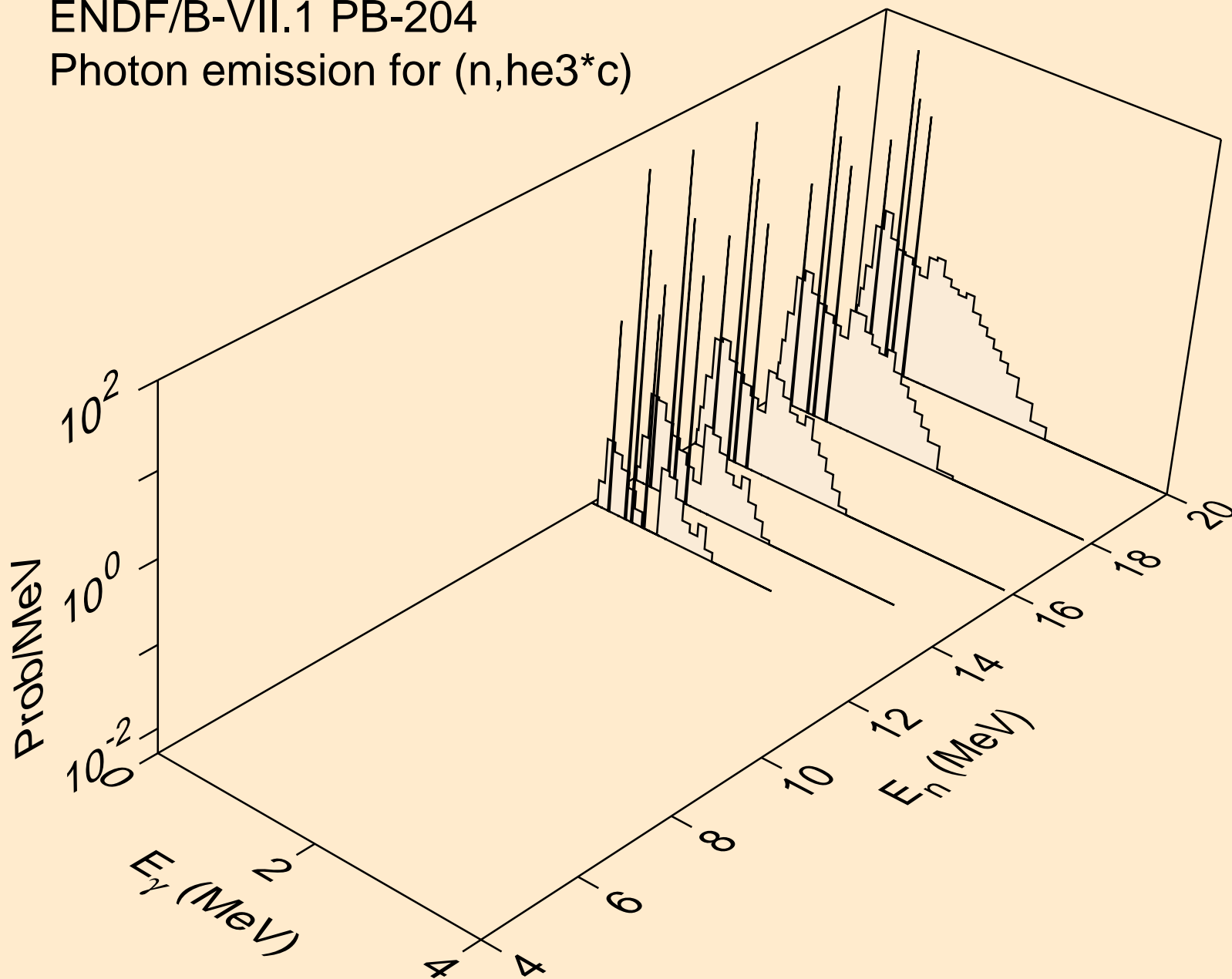
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Photon emission for (n,he3\*2)



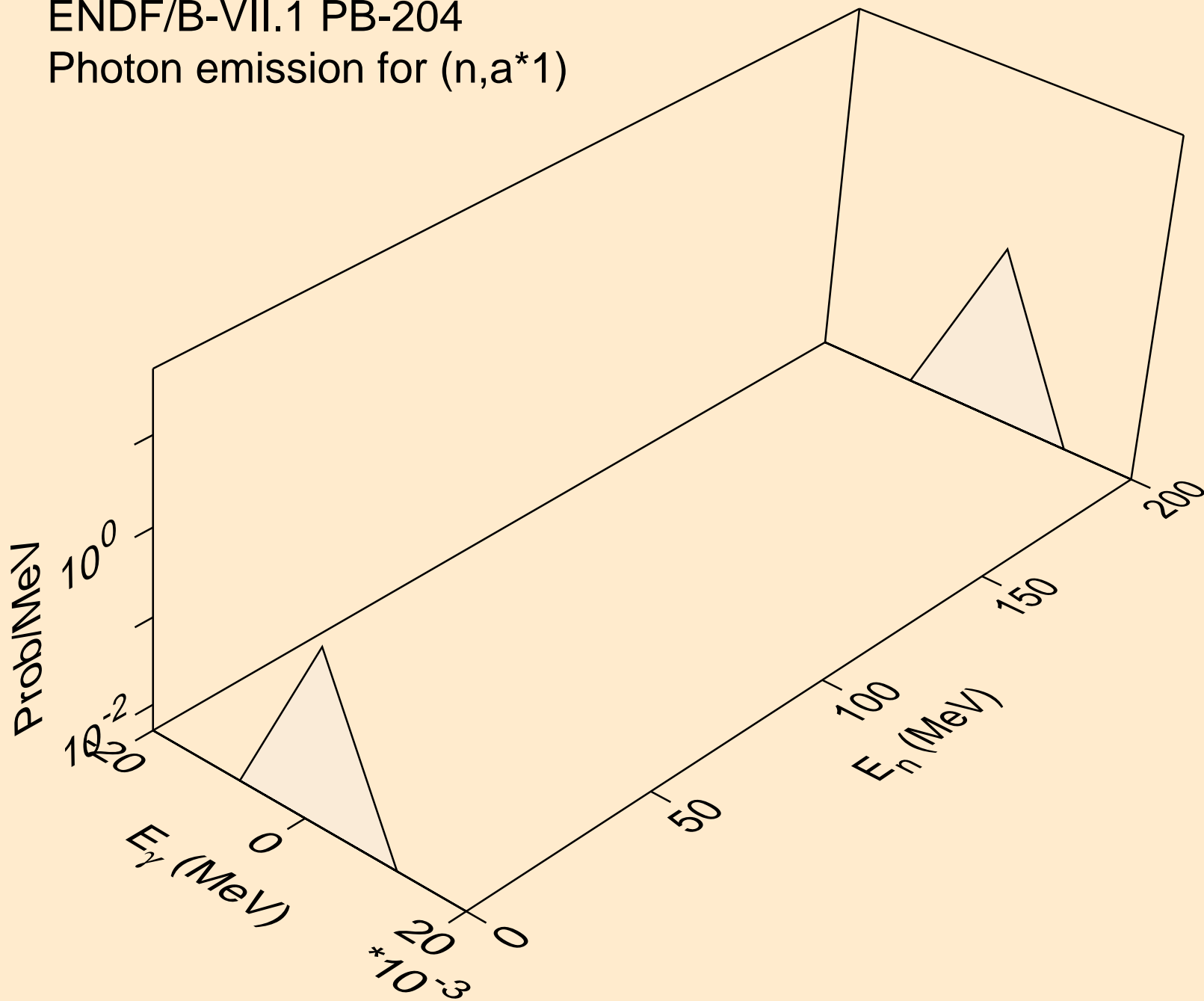
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Photon emission for (n,he3\*3)



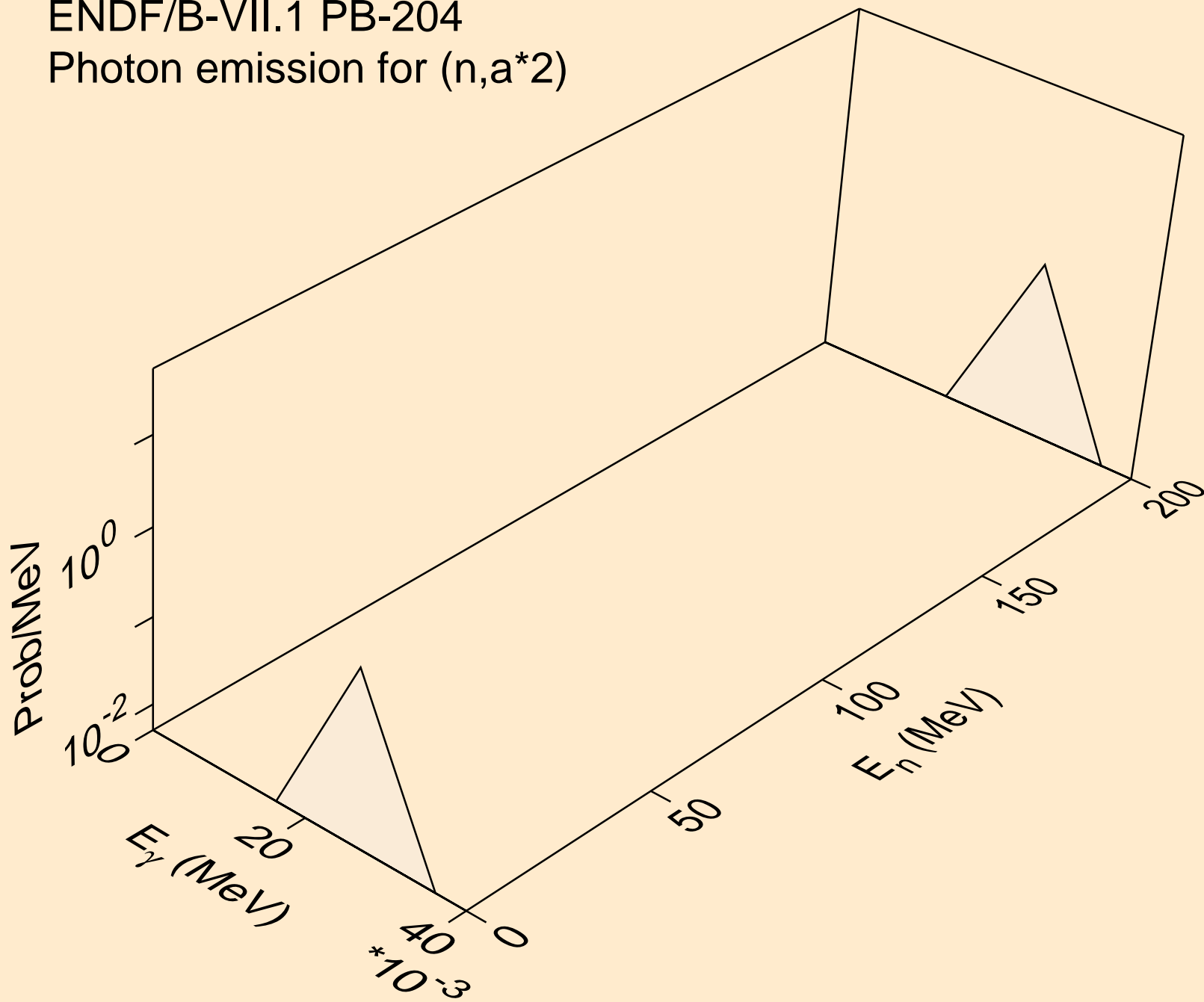
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Photon emission for (n,he3\*c)



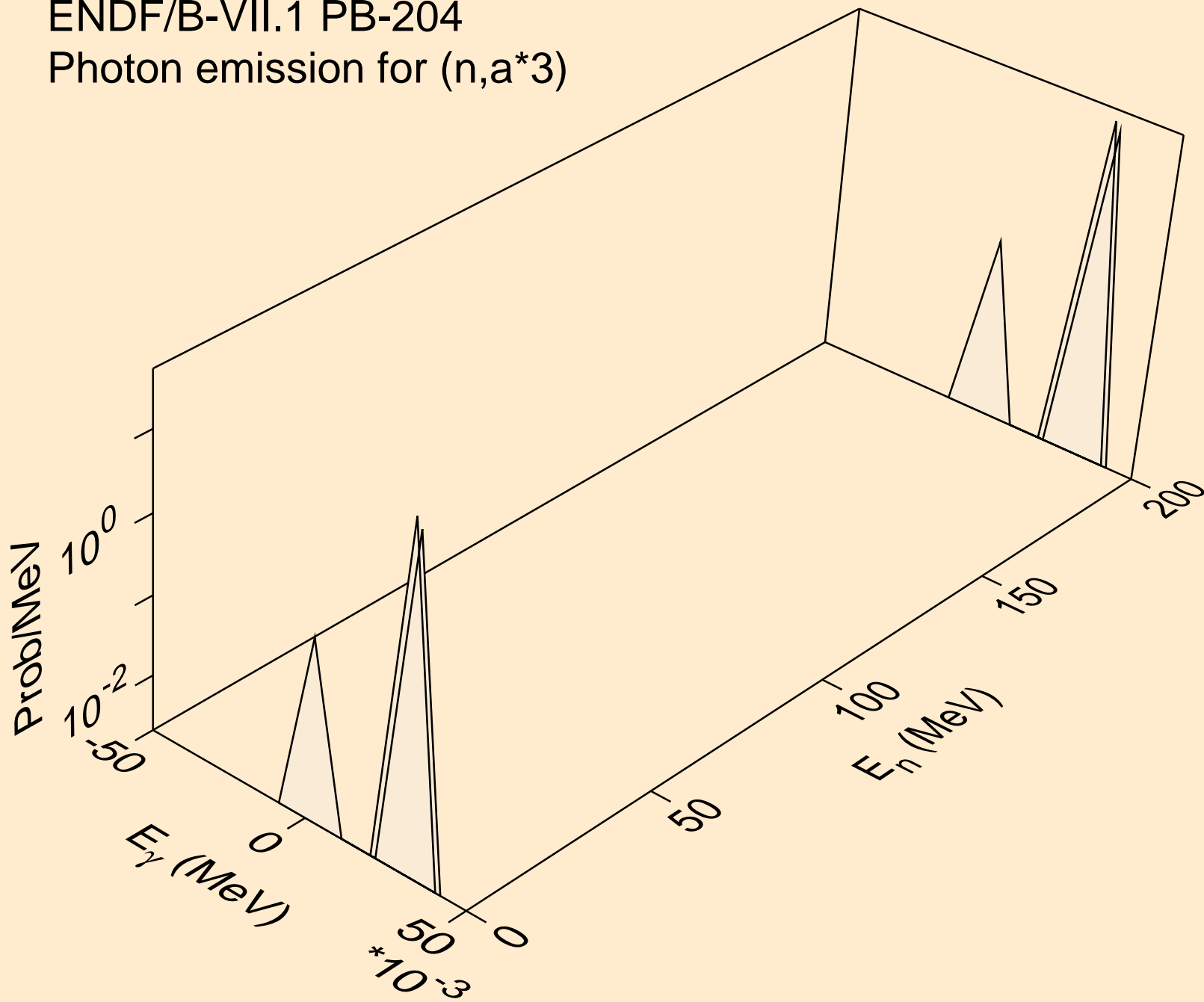
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*1)



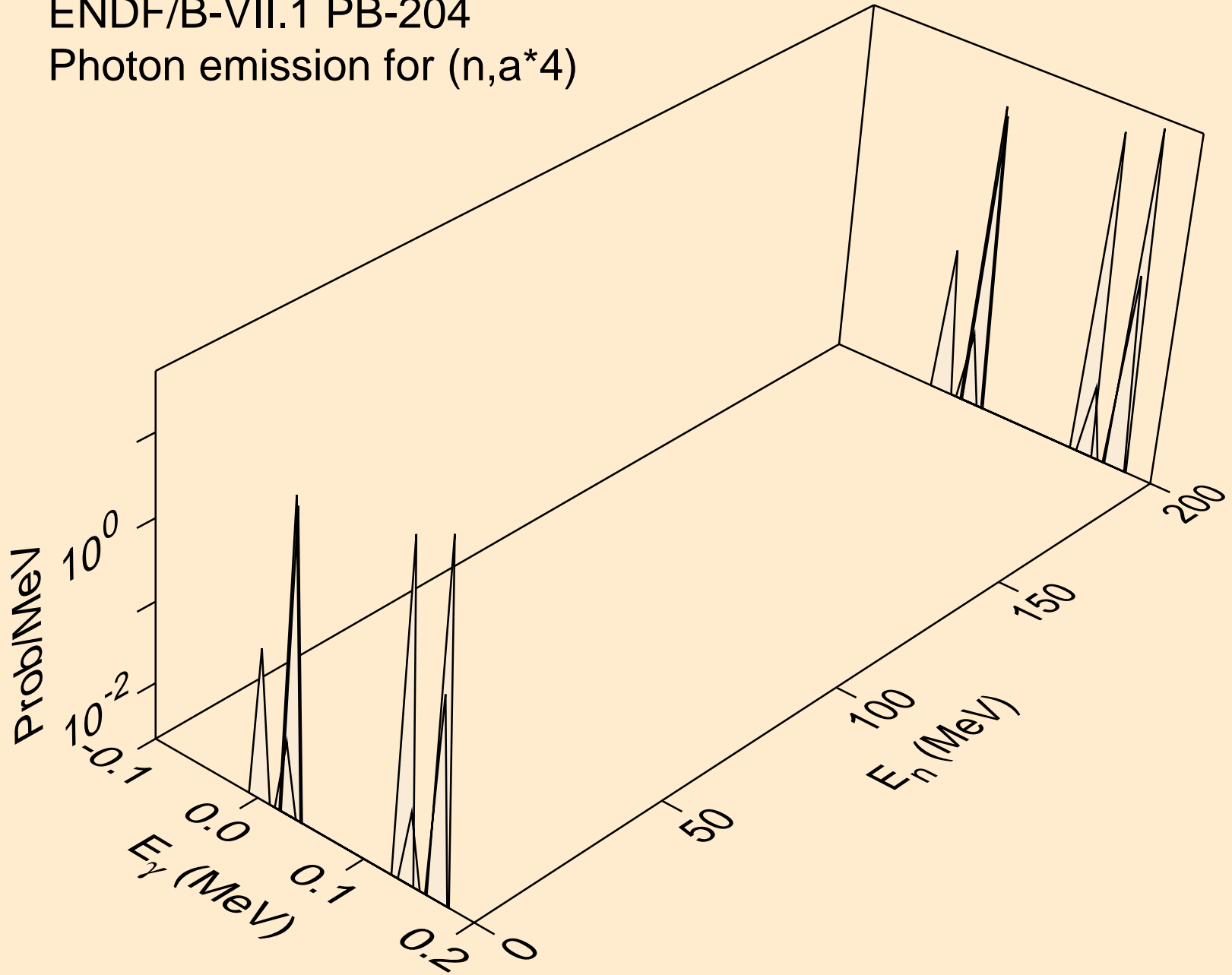
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*2)



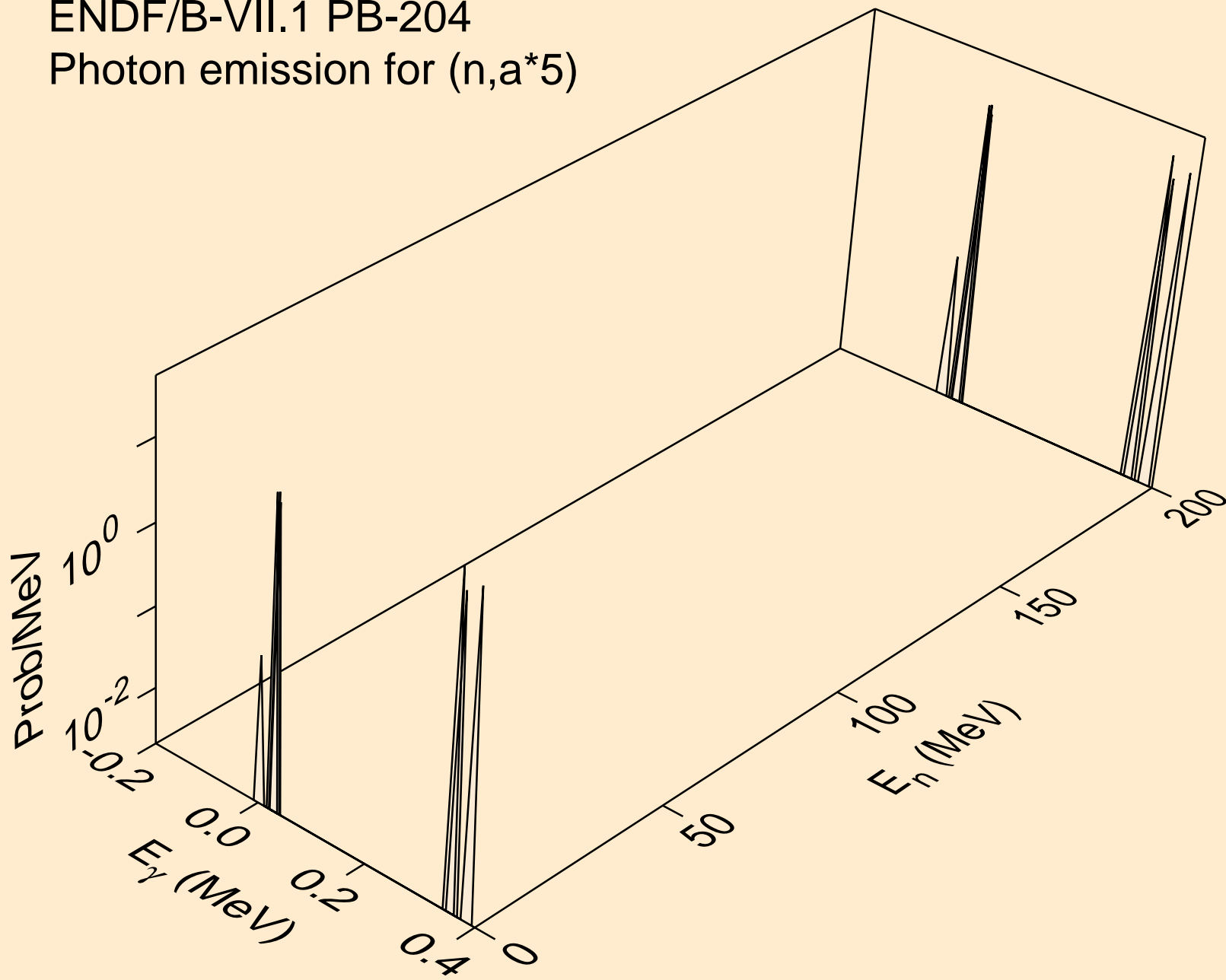
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*3)



ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*4)

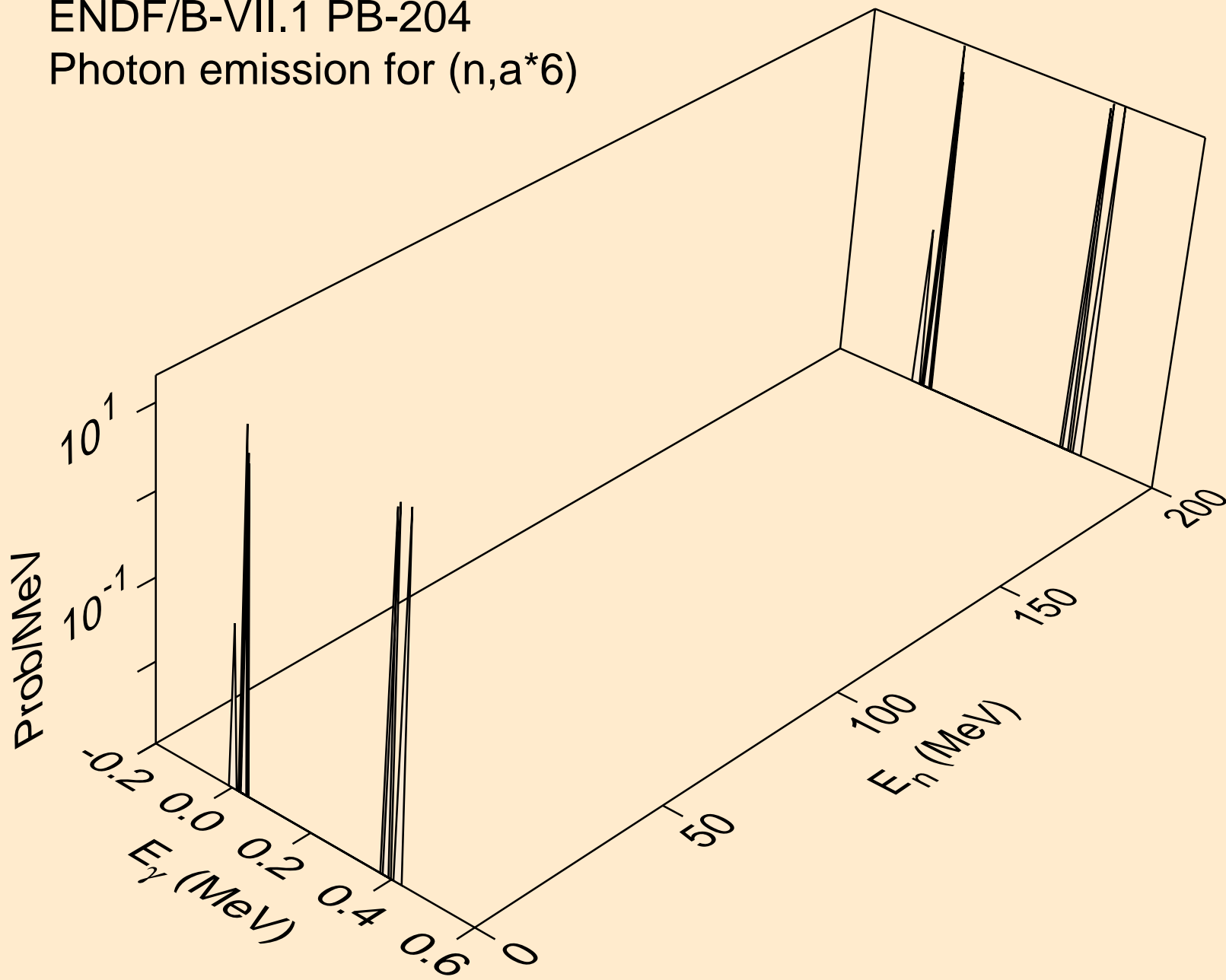


ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*5)

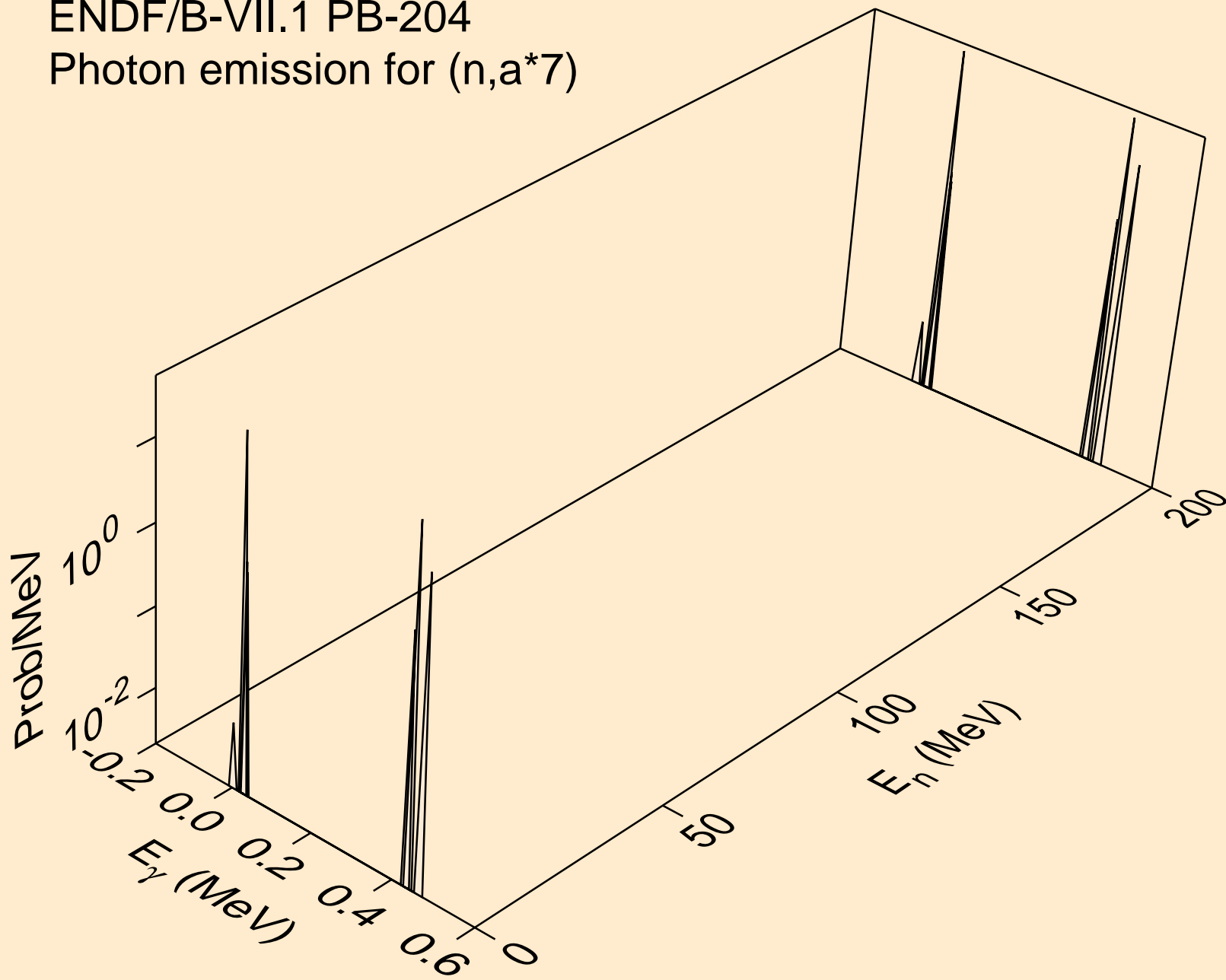




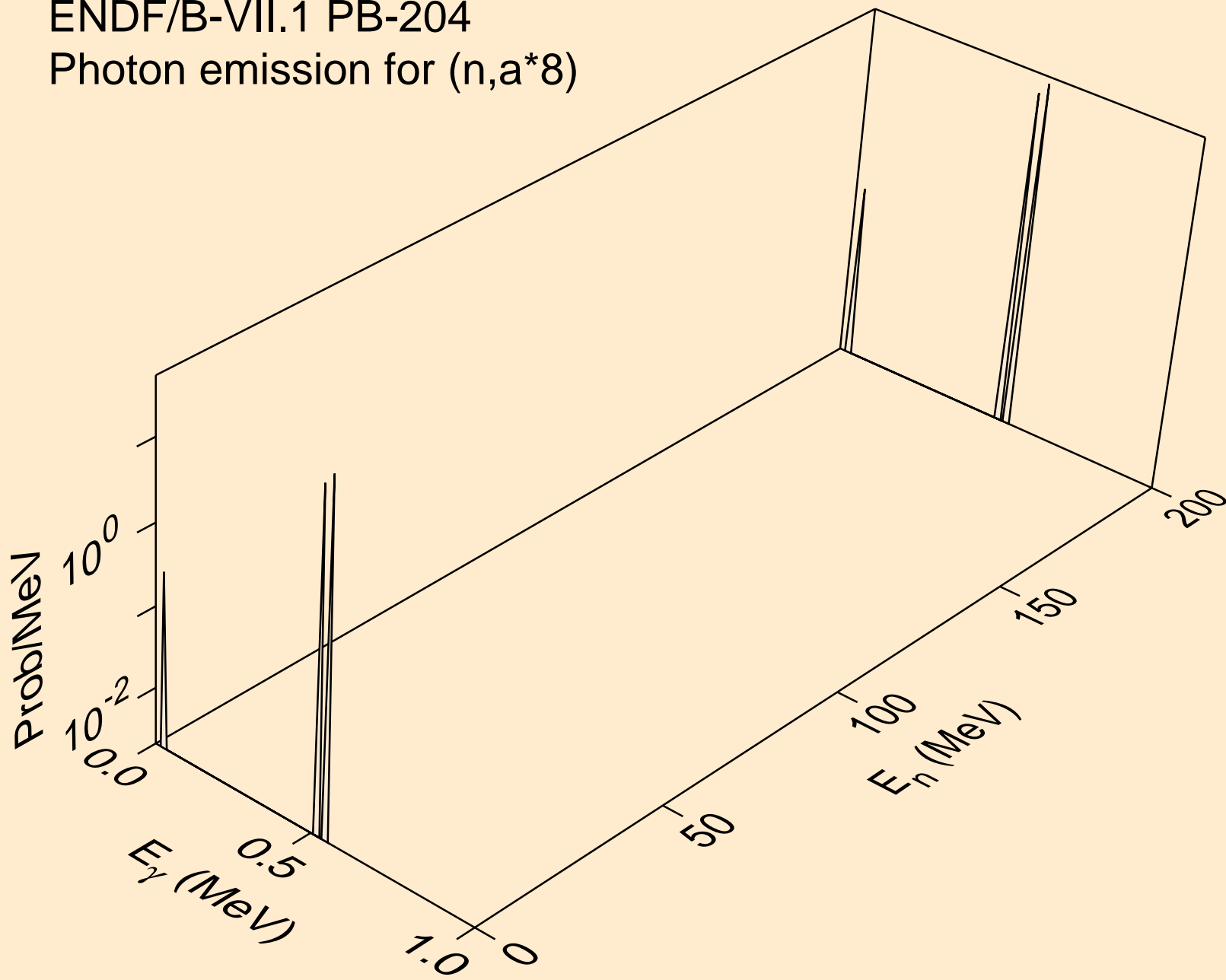
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*6)



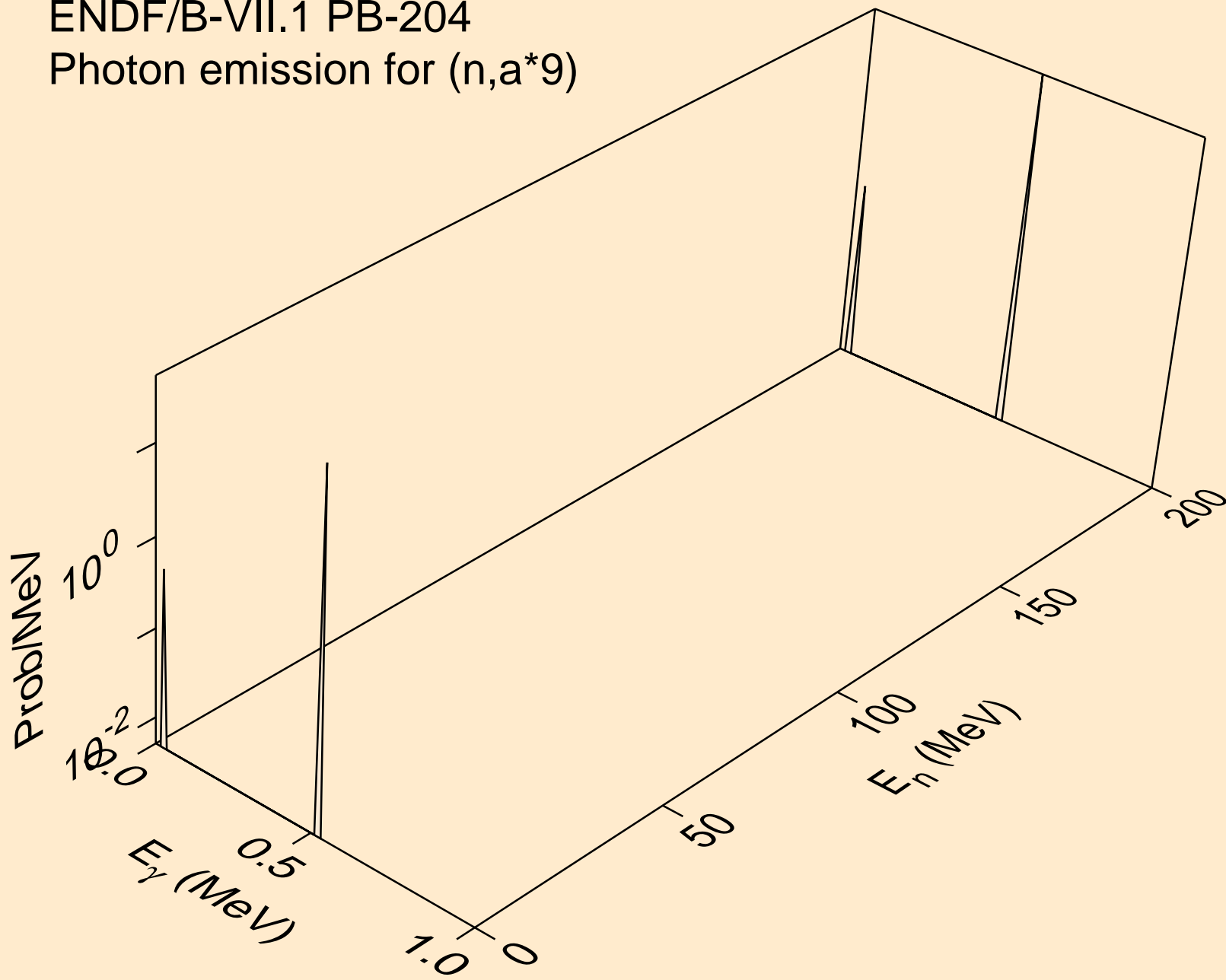
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*7)



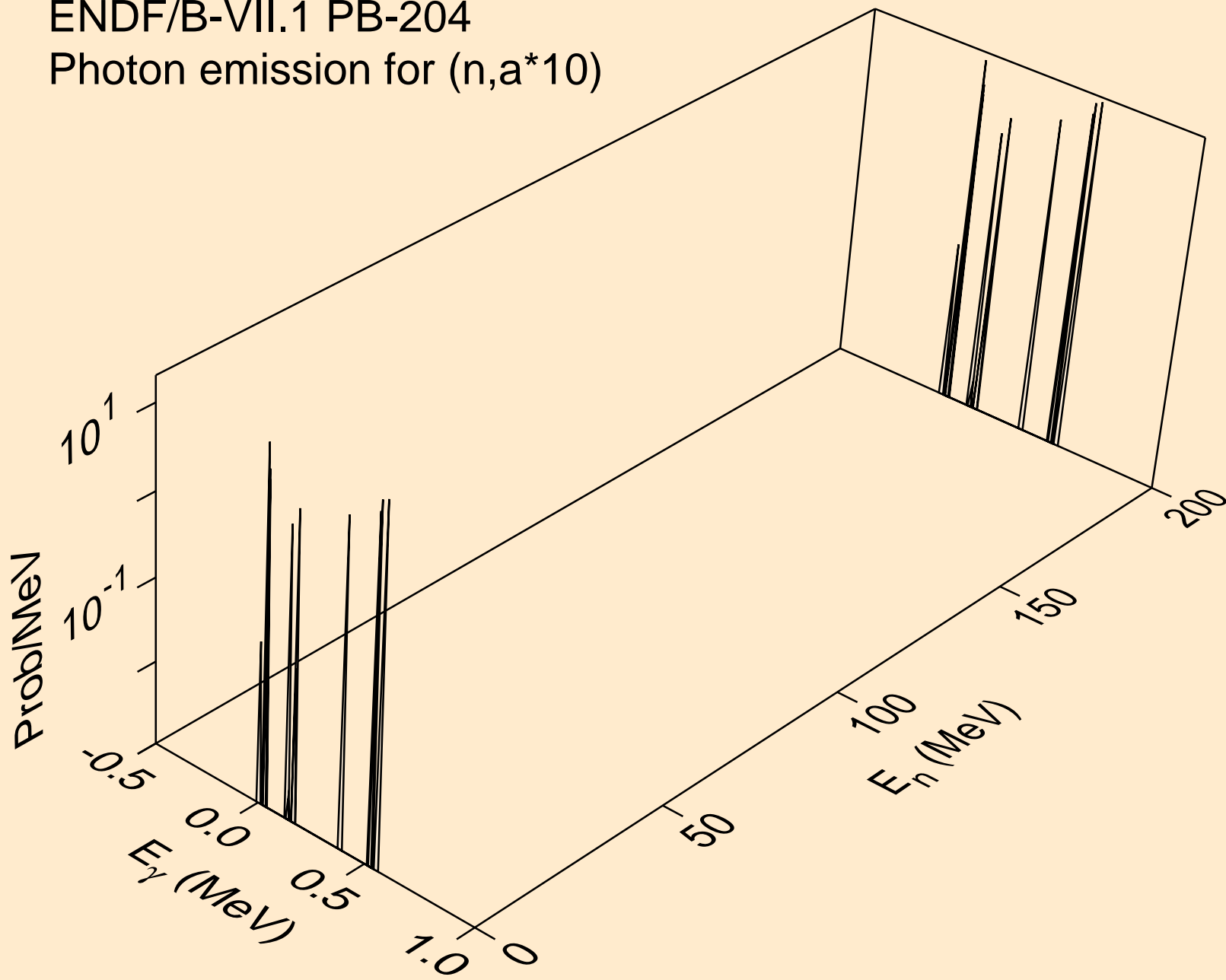
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*8)



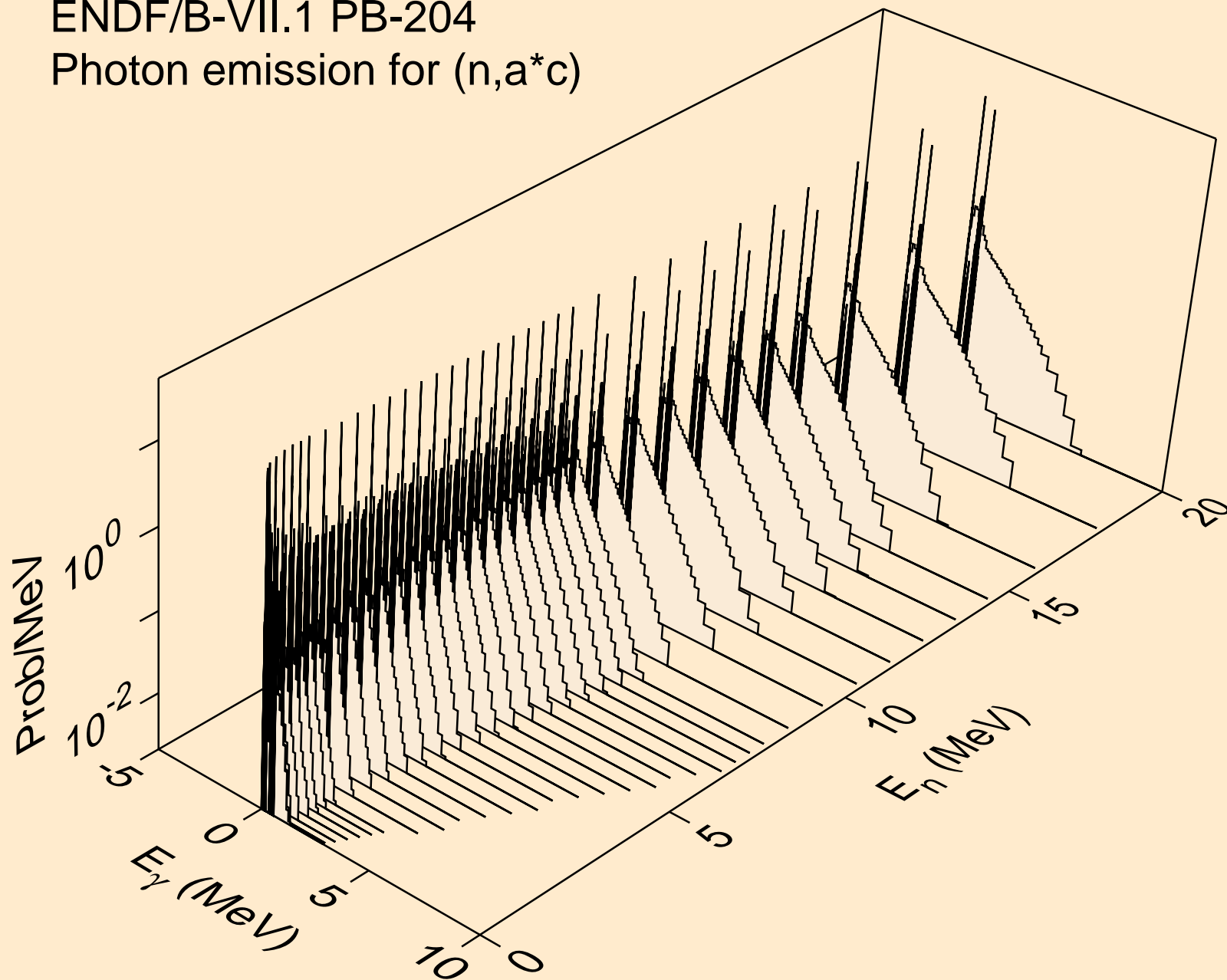
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*9)



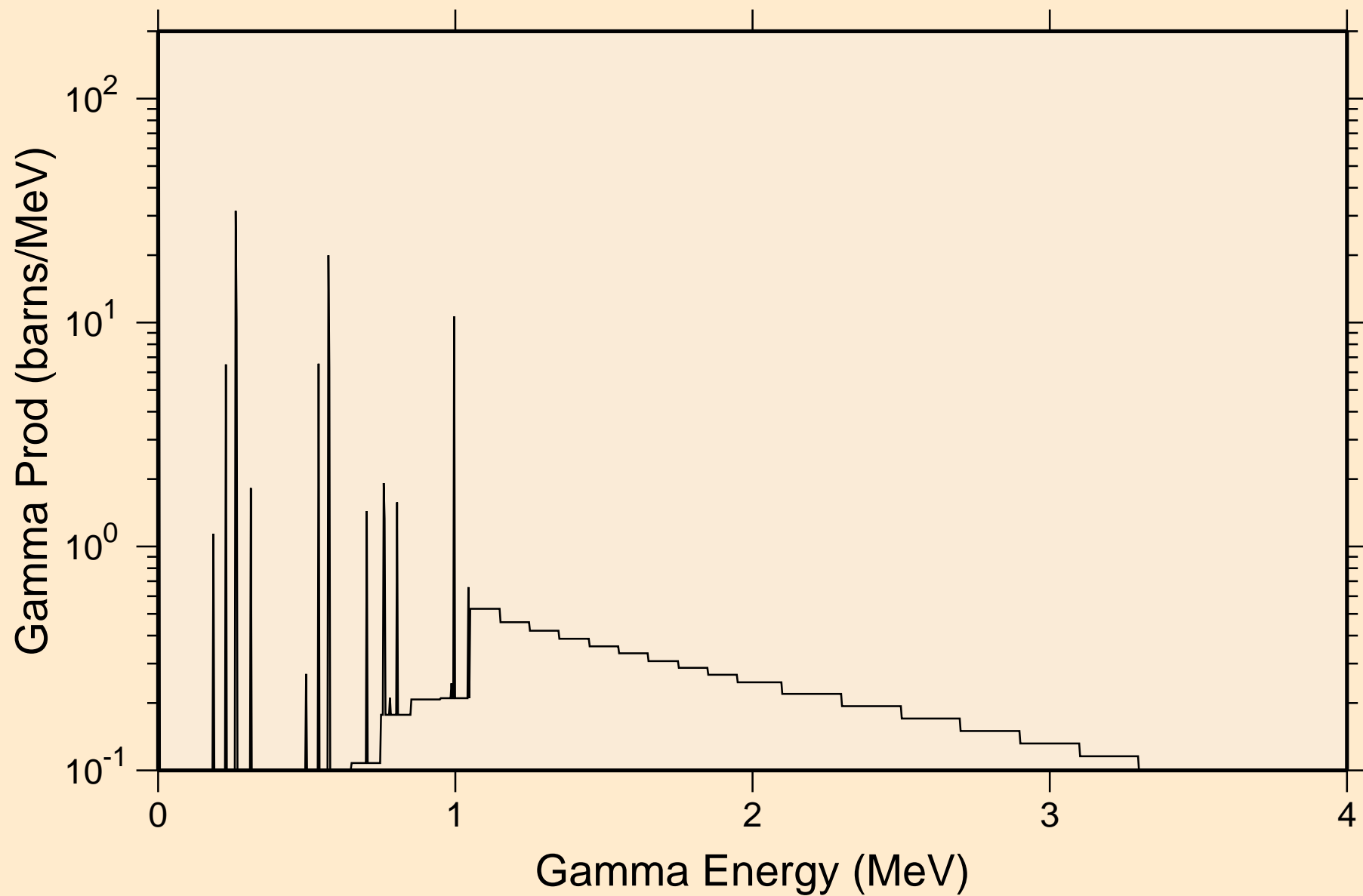
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Photon emission for (n,a\*10)



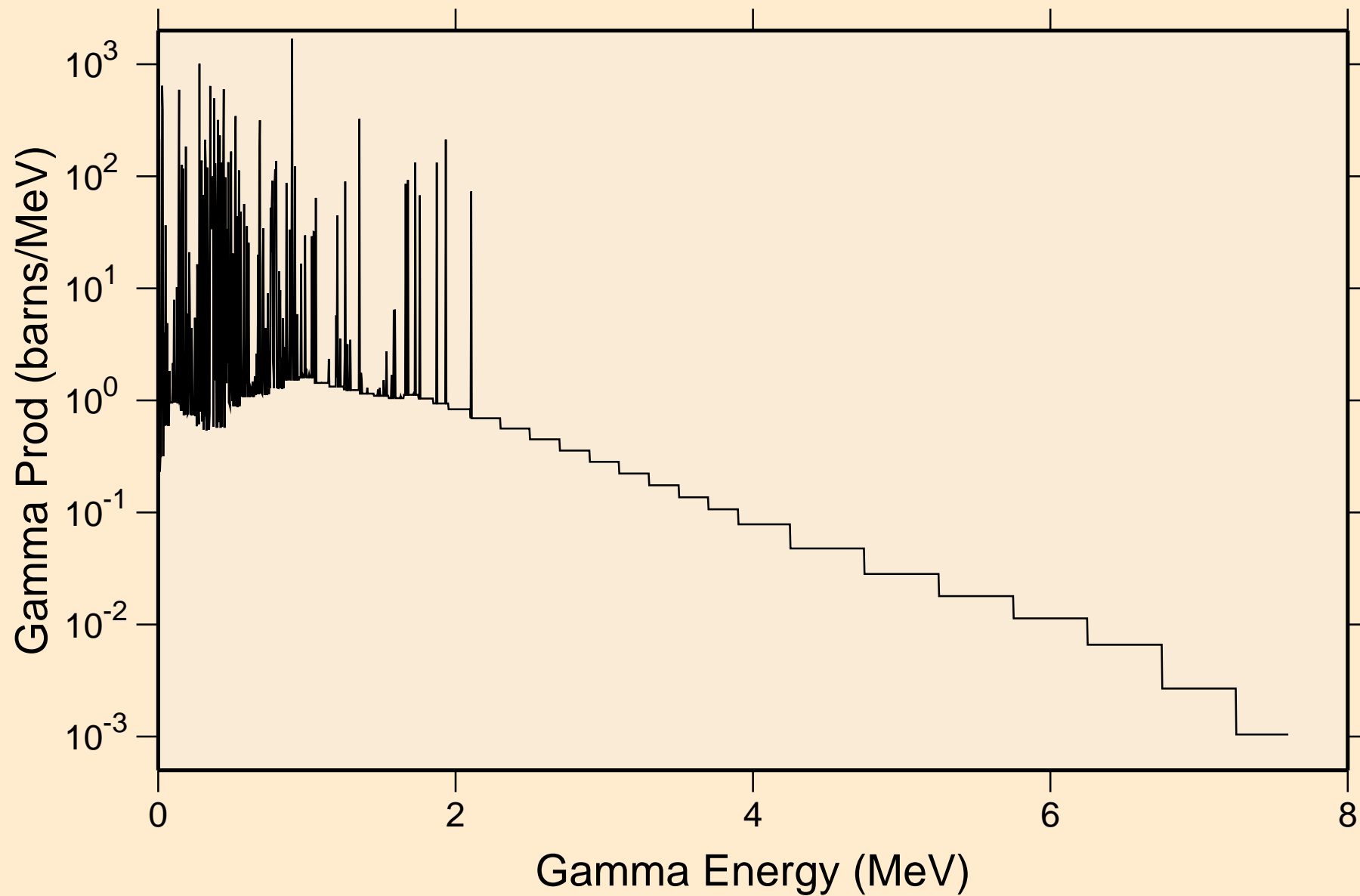
ENDF/B-VII.1 PB-204  
Photon emission for (n,a\*c)



ENDF/B-VII.1 PB-204  
thermal capture photon spectrum



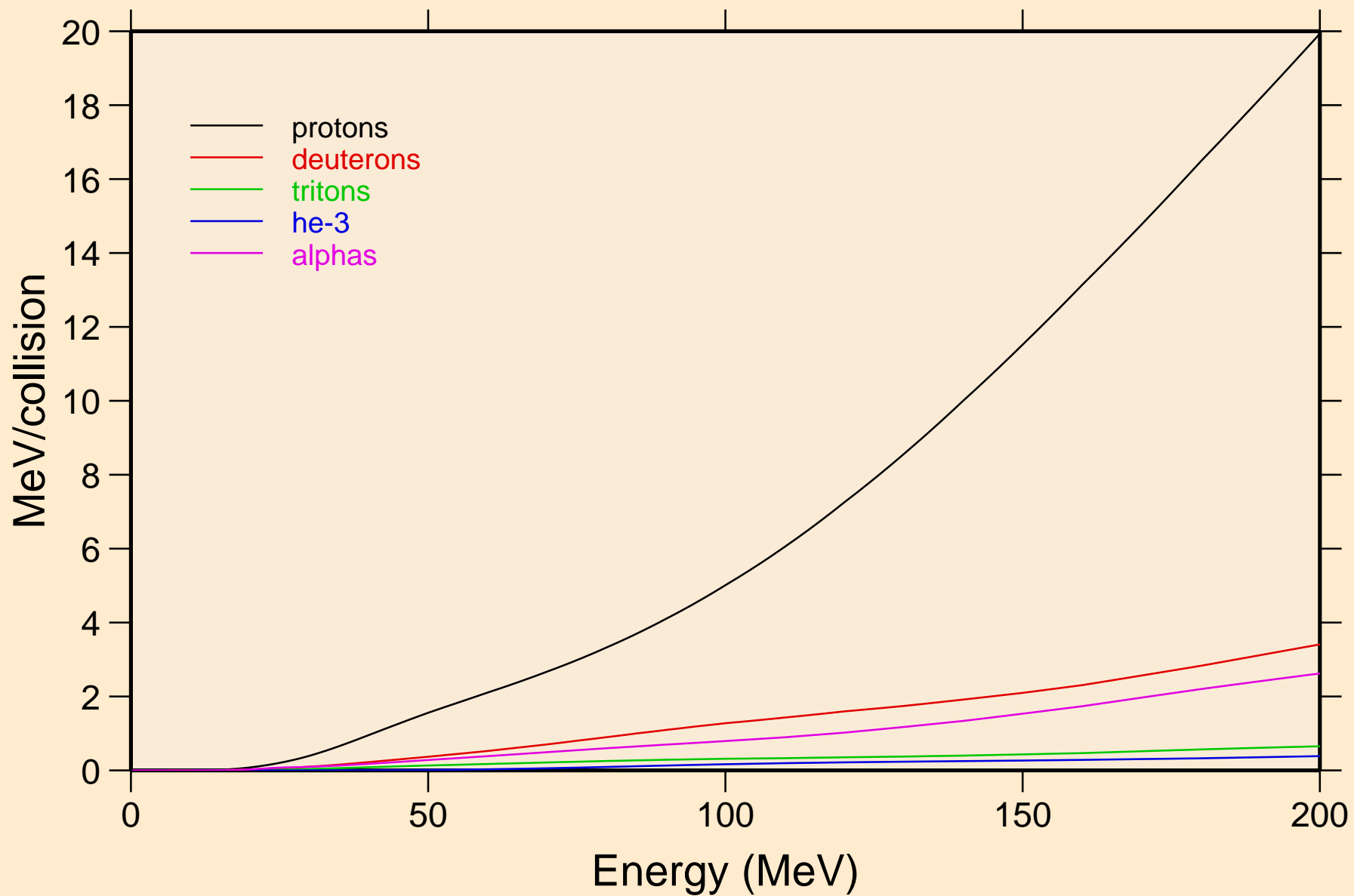
ENDF/B-VII.1 PB-204  
14 MeV photon spectrum





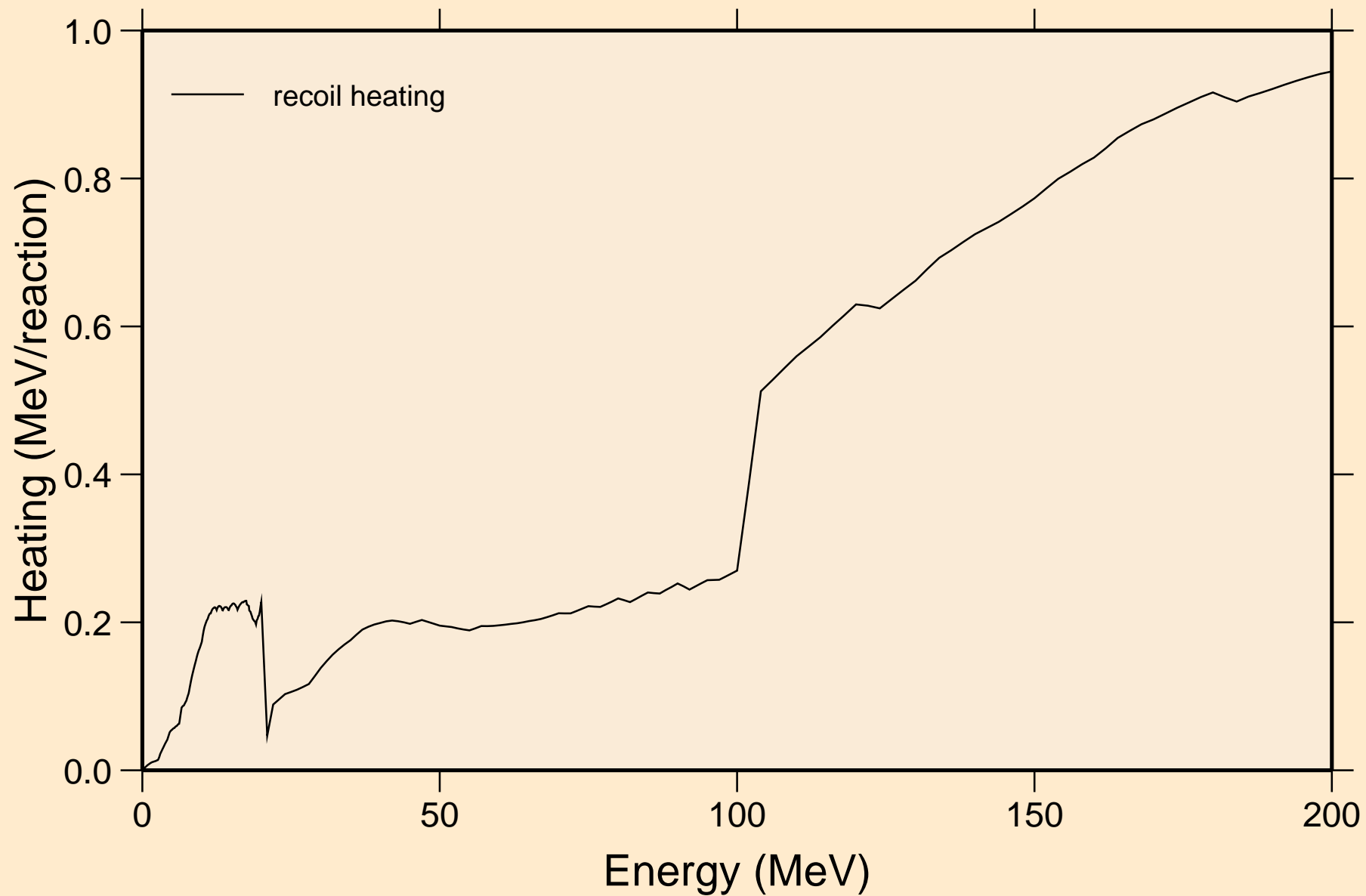
# ENDF/B-VII.1 PB-204

## Particle heating contributions



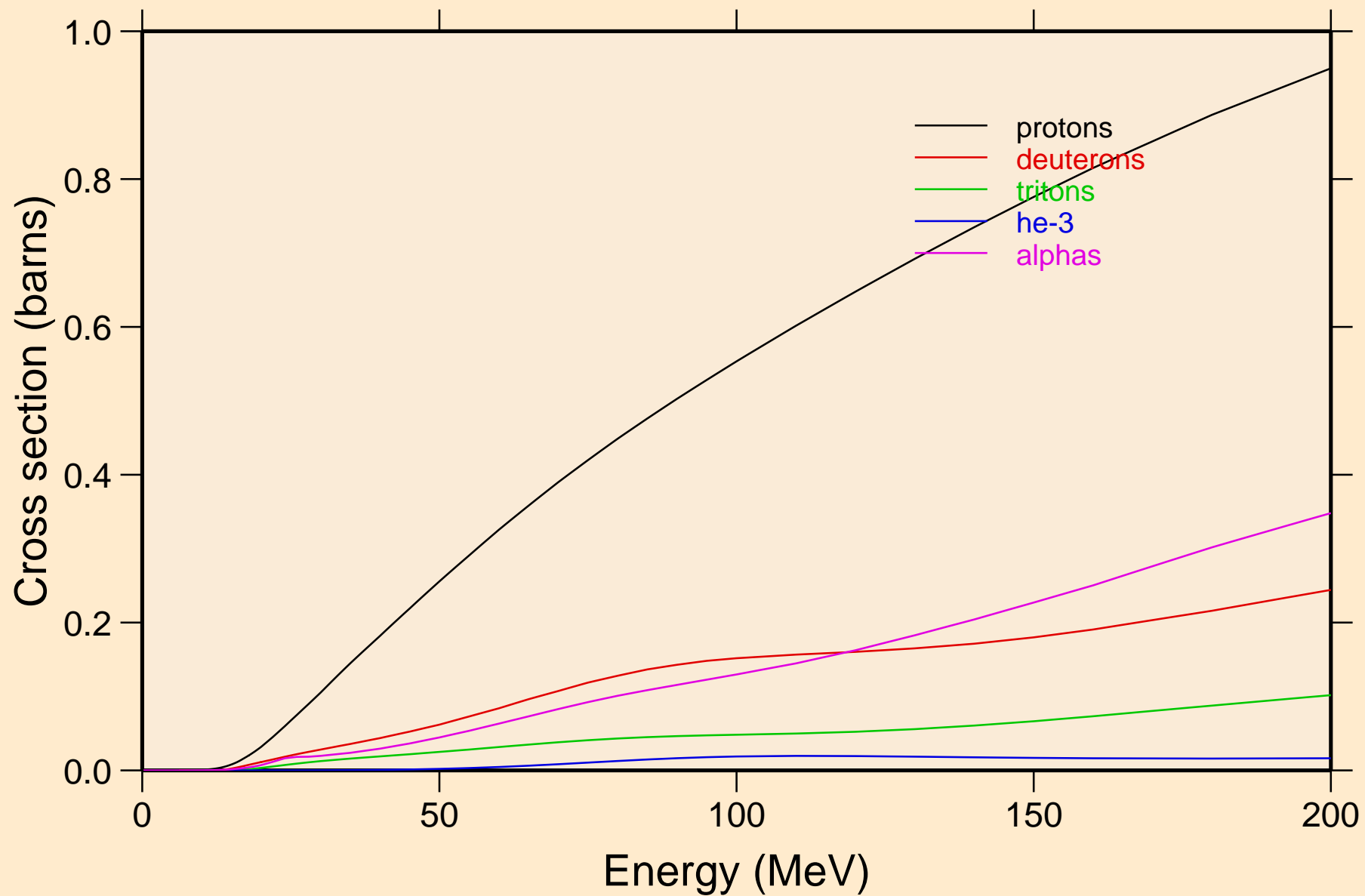
# ENDF/B-VII.1 PB-204

## Recoil Heating

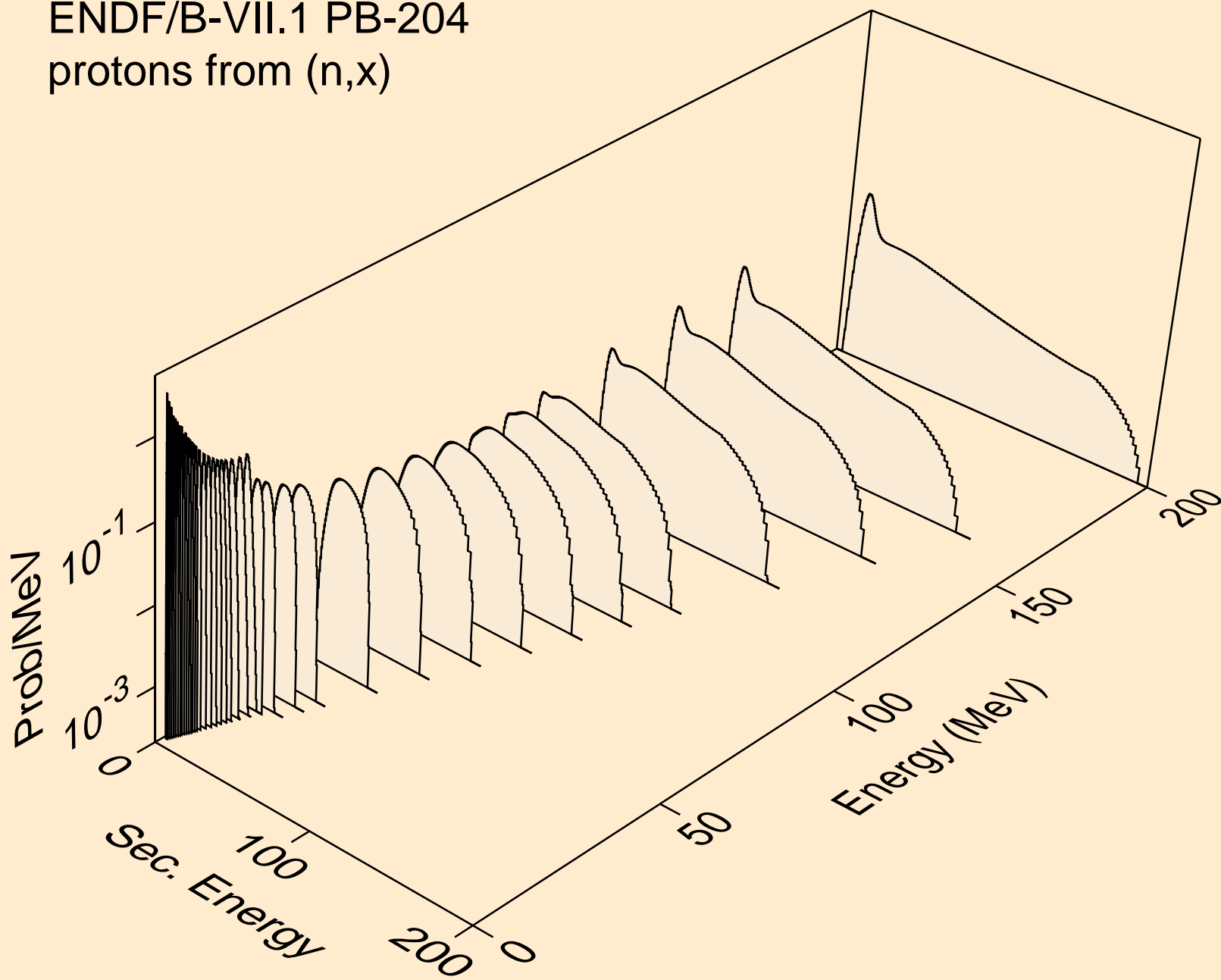


# ENDF/B-VII.1 PB-204

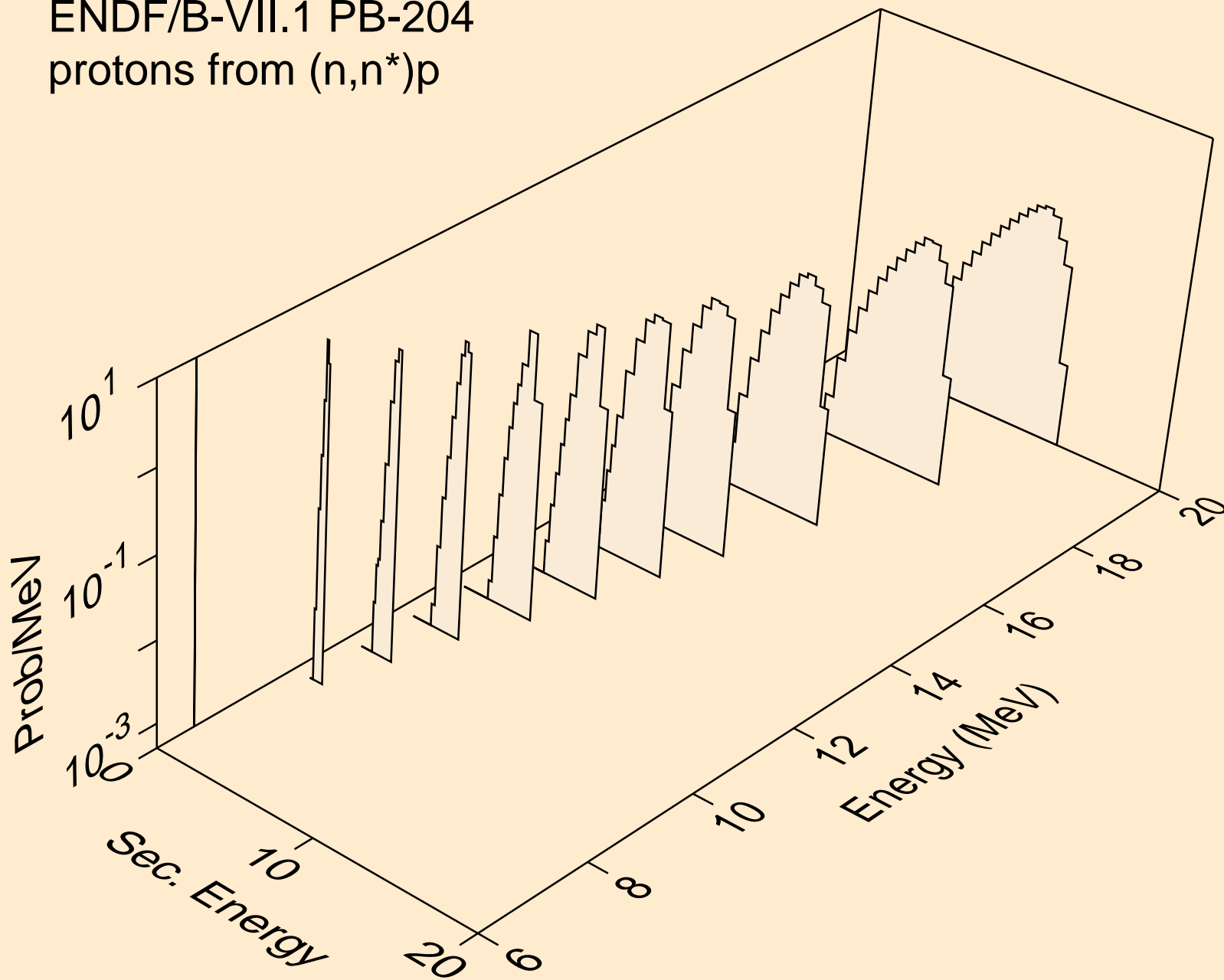
## Particle production cross sections



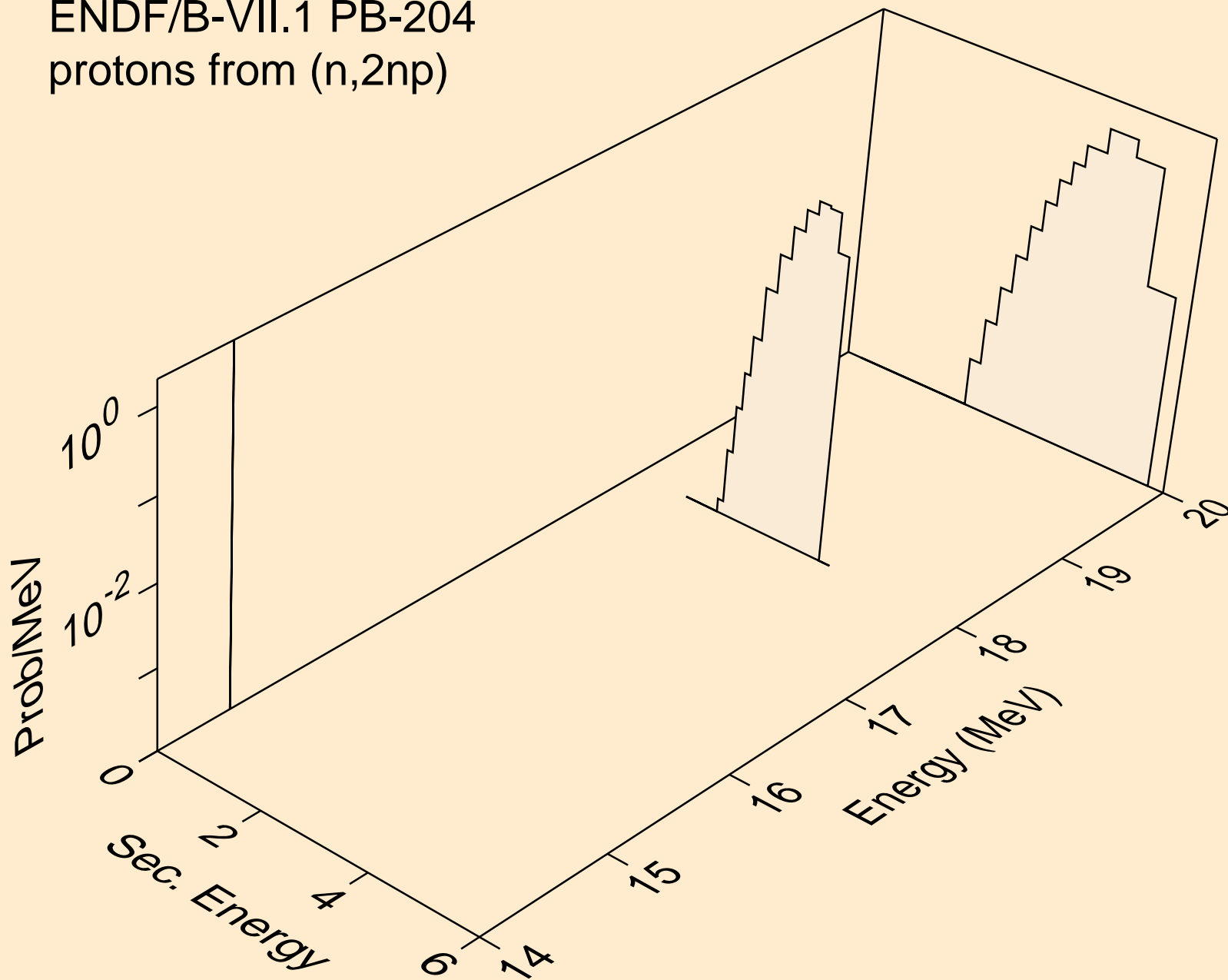
ENDF/B-VII.1 PB-204  
protons from (n,x)



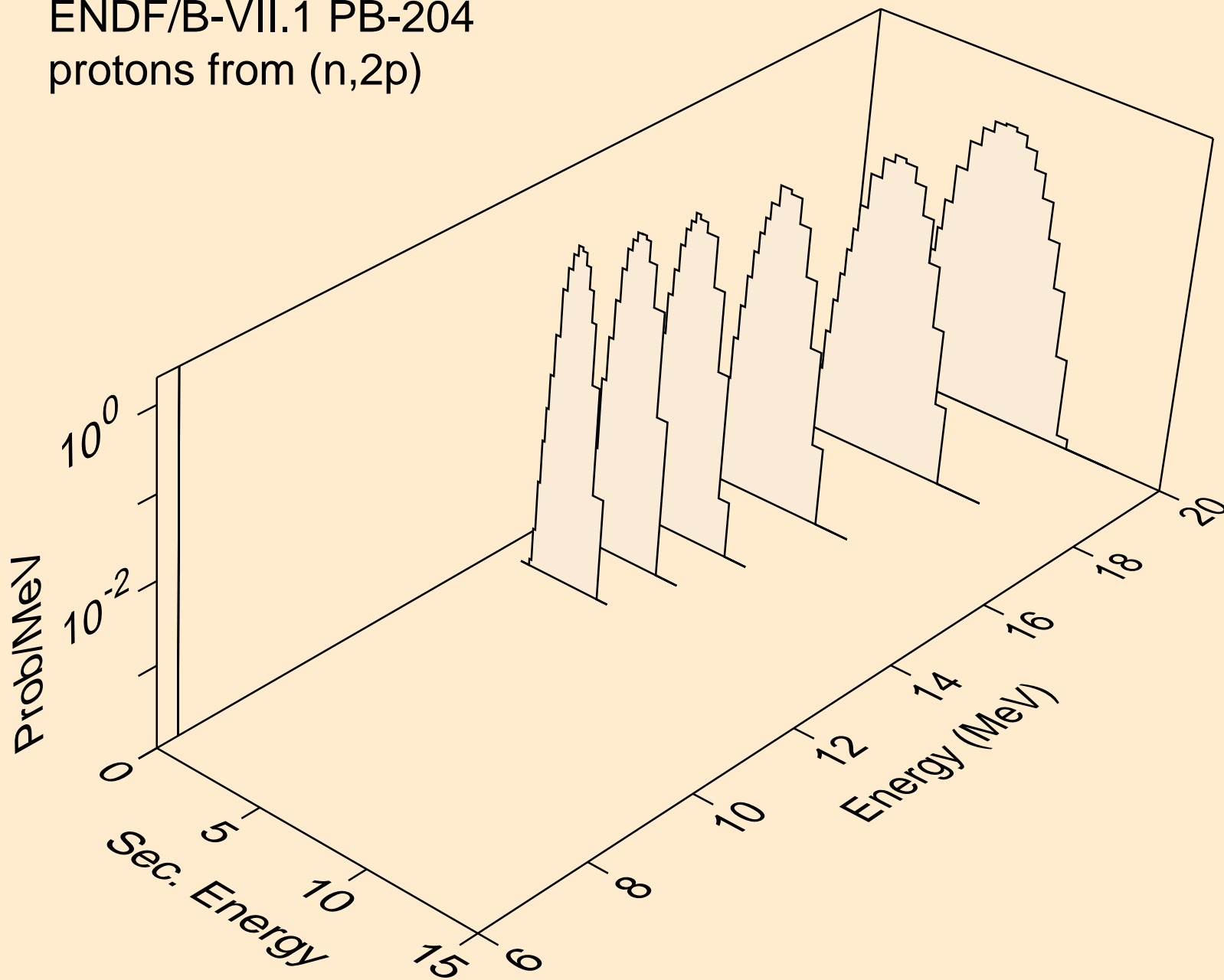
ENDF/B-VII.1 PB-204  
protons from (n,n\*)p



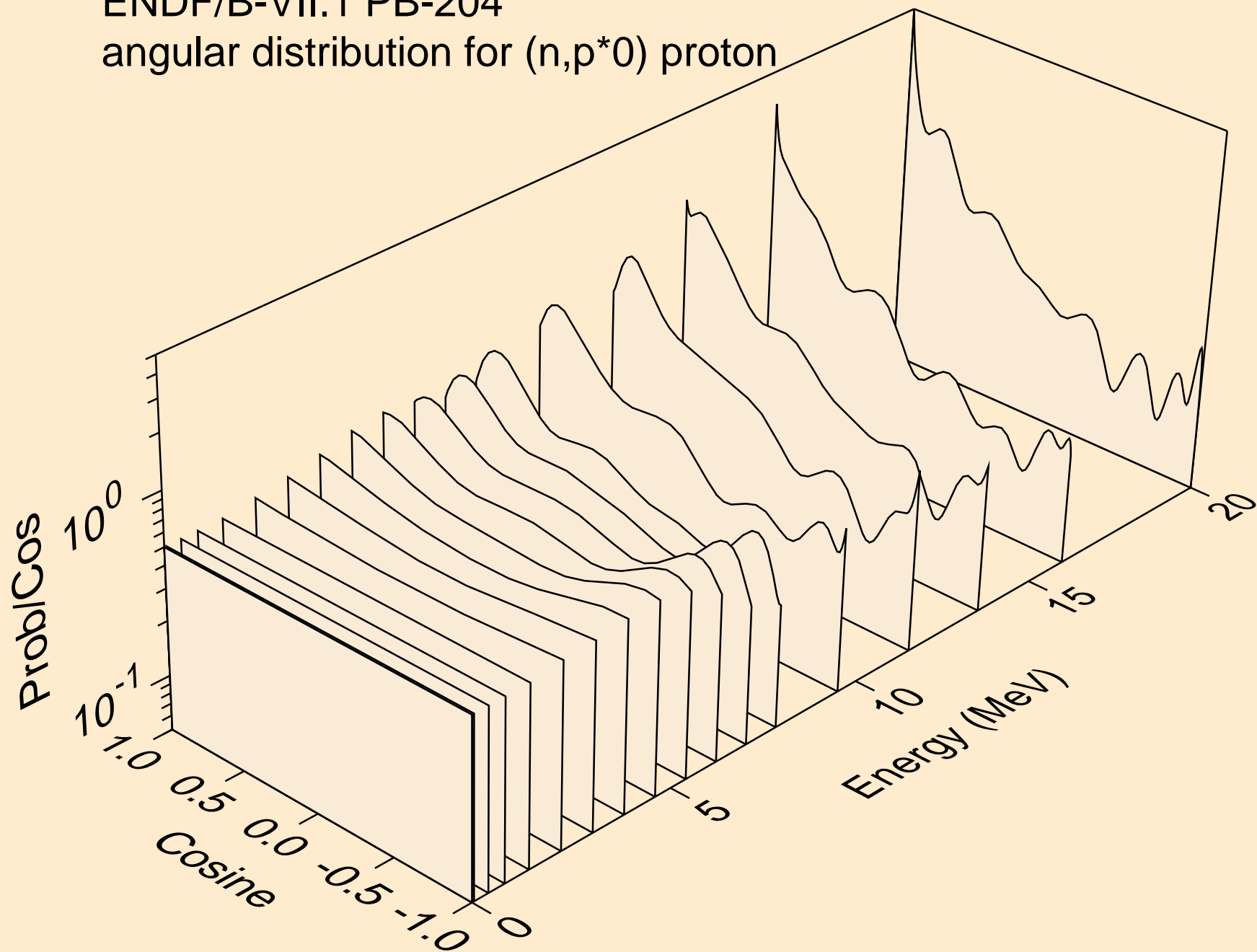
ENDF/B-VII.1 PB-204  
protons from (n,2np)



ENDF/B-VII.1 PB-204  
protons from (n,2p)



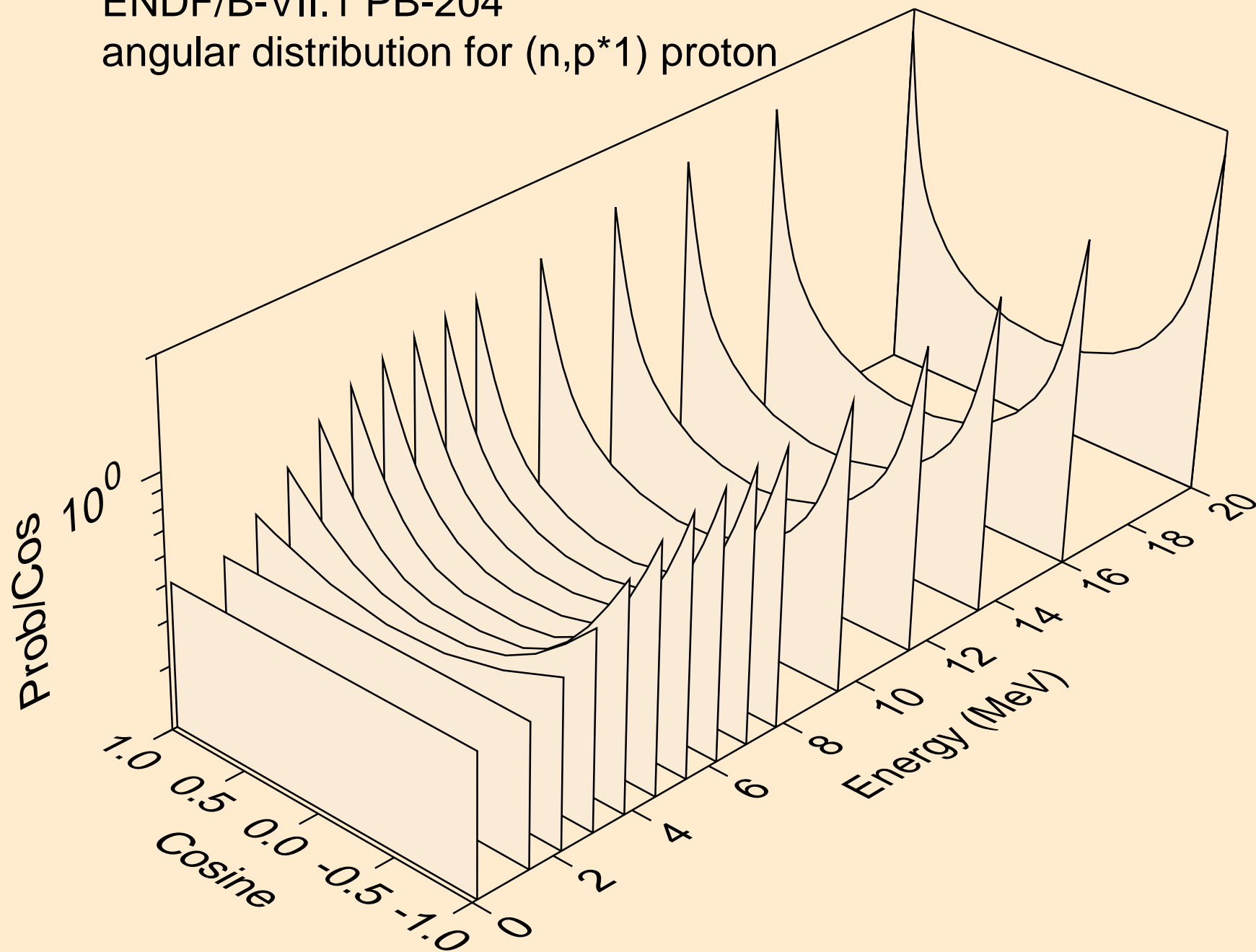
ENDF/B-VII.1 PB-204  
angular distribution for (n,p\*0) proton





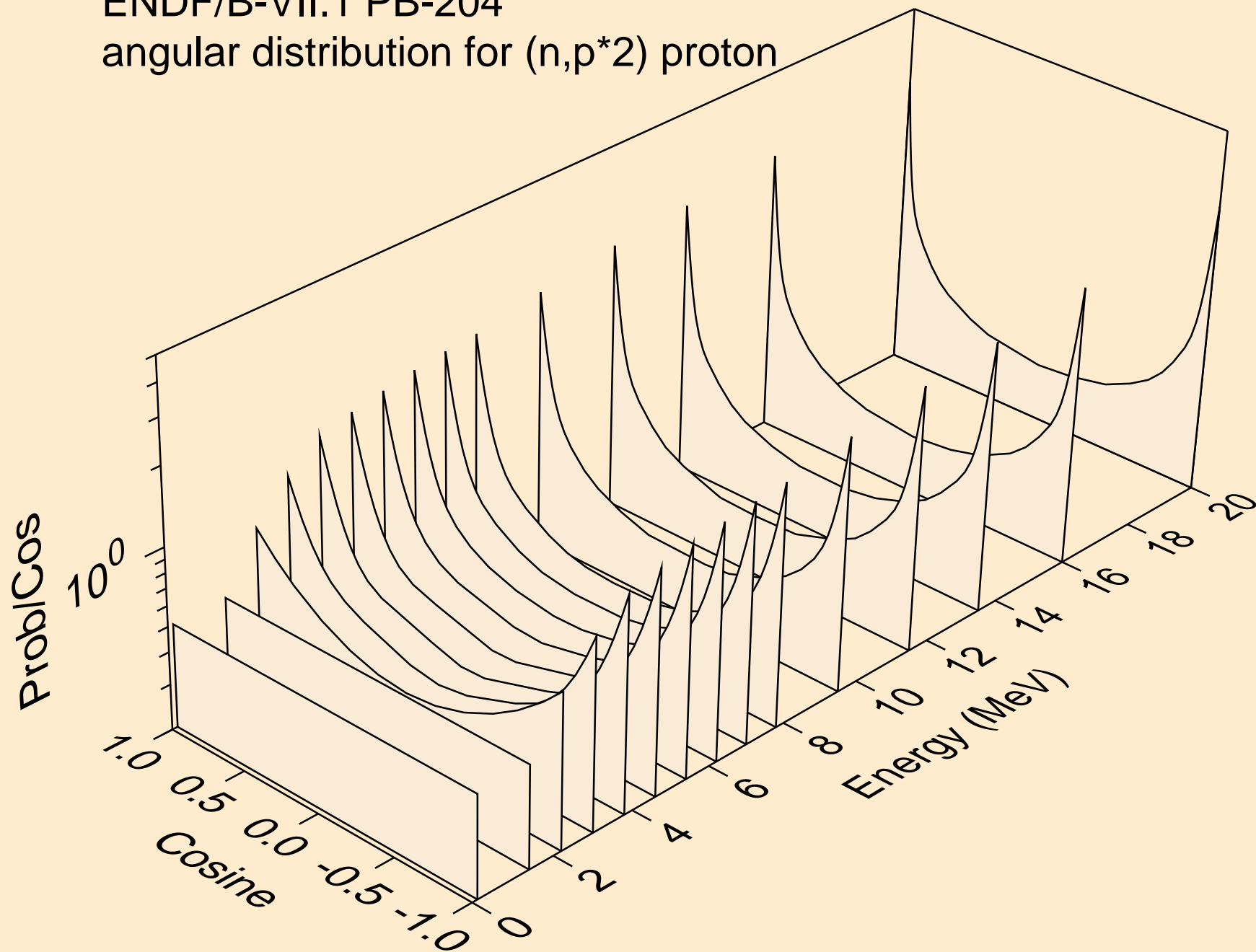
ENDF/B-VII.1 PB-204

angular distribution for (n,p\*1) proton



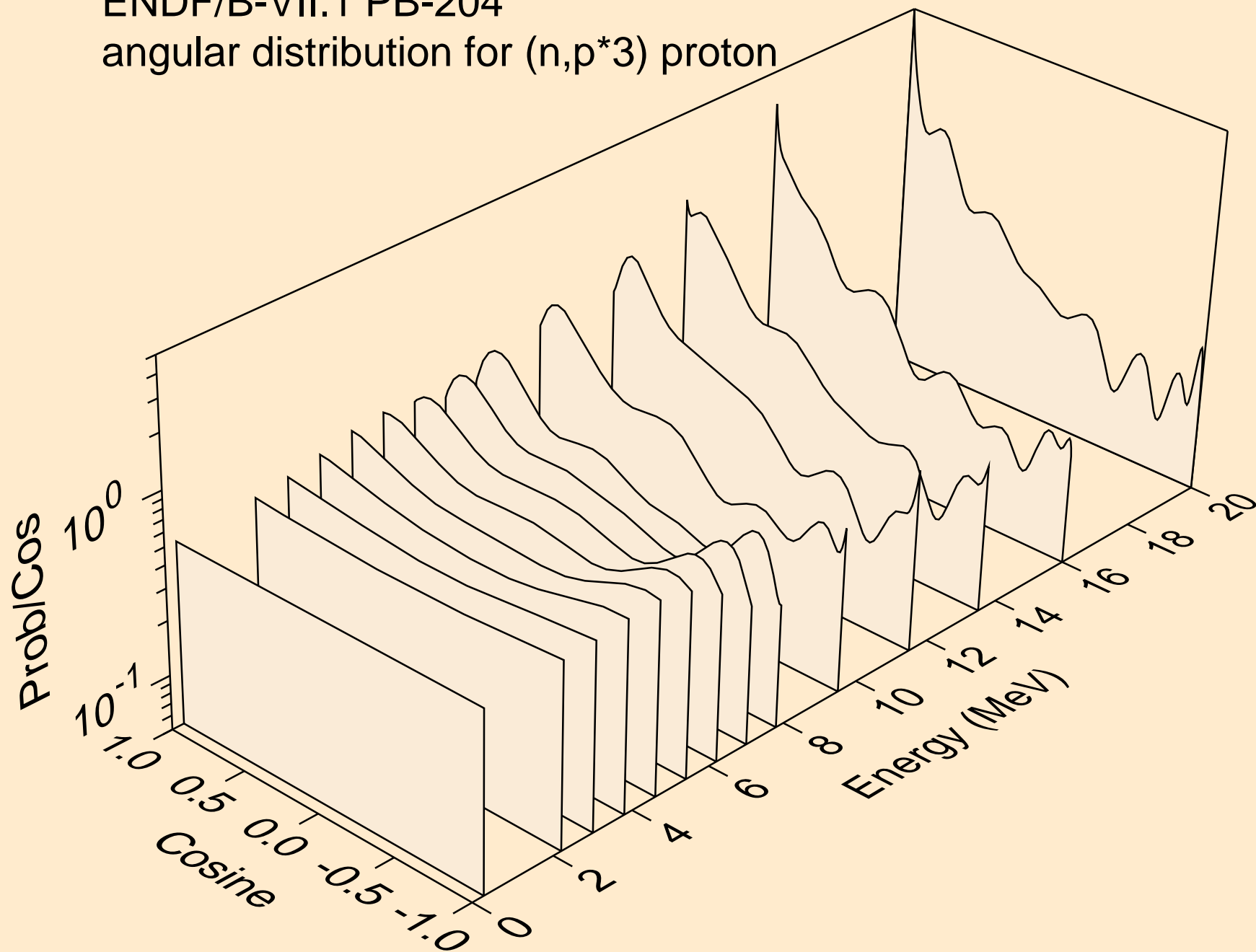
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angular distribution for (n,p\*2) proton



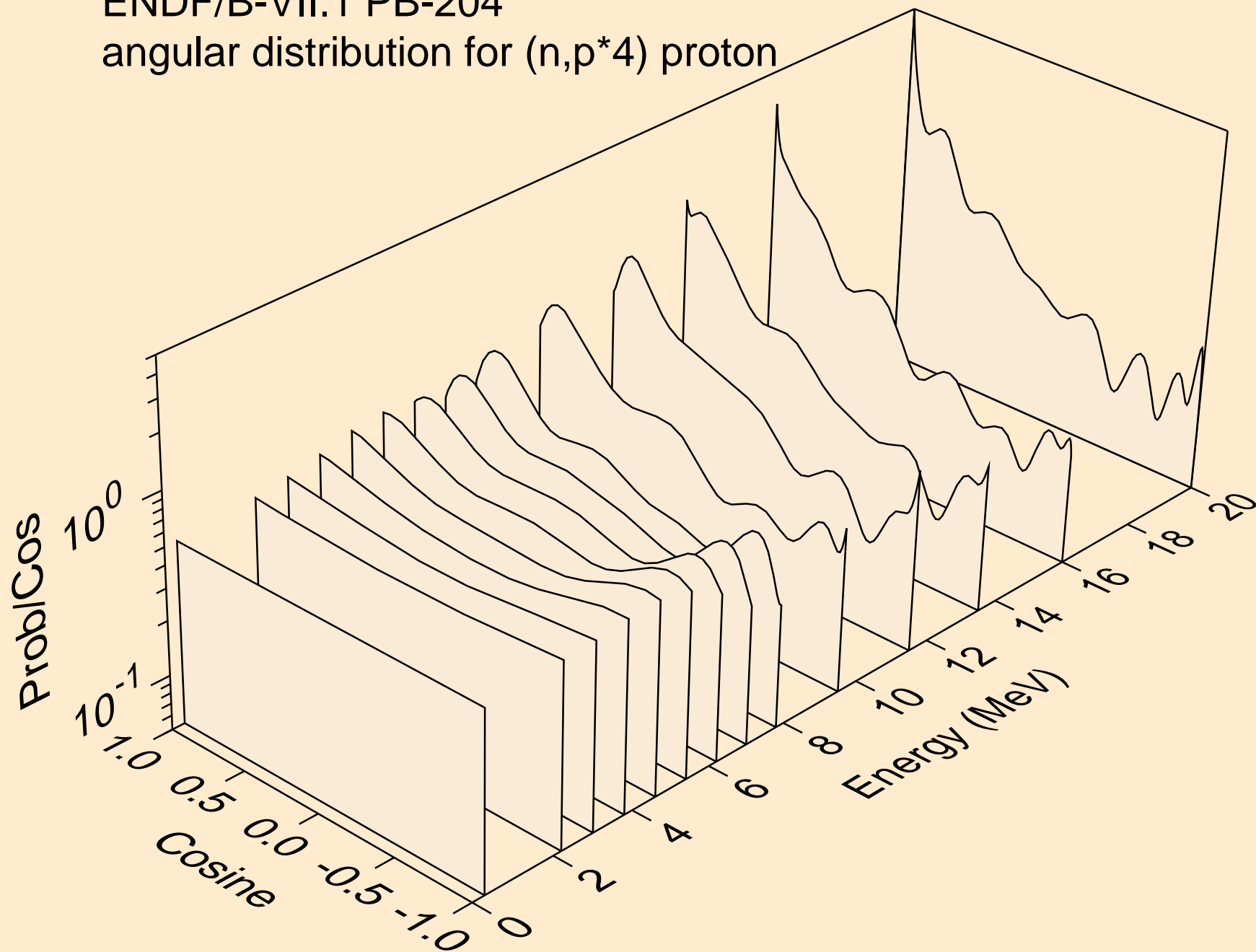
ENDF/B-VII.1 PB-204

angular distribution for (n,p\*3) proton



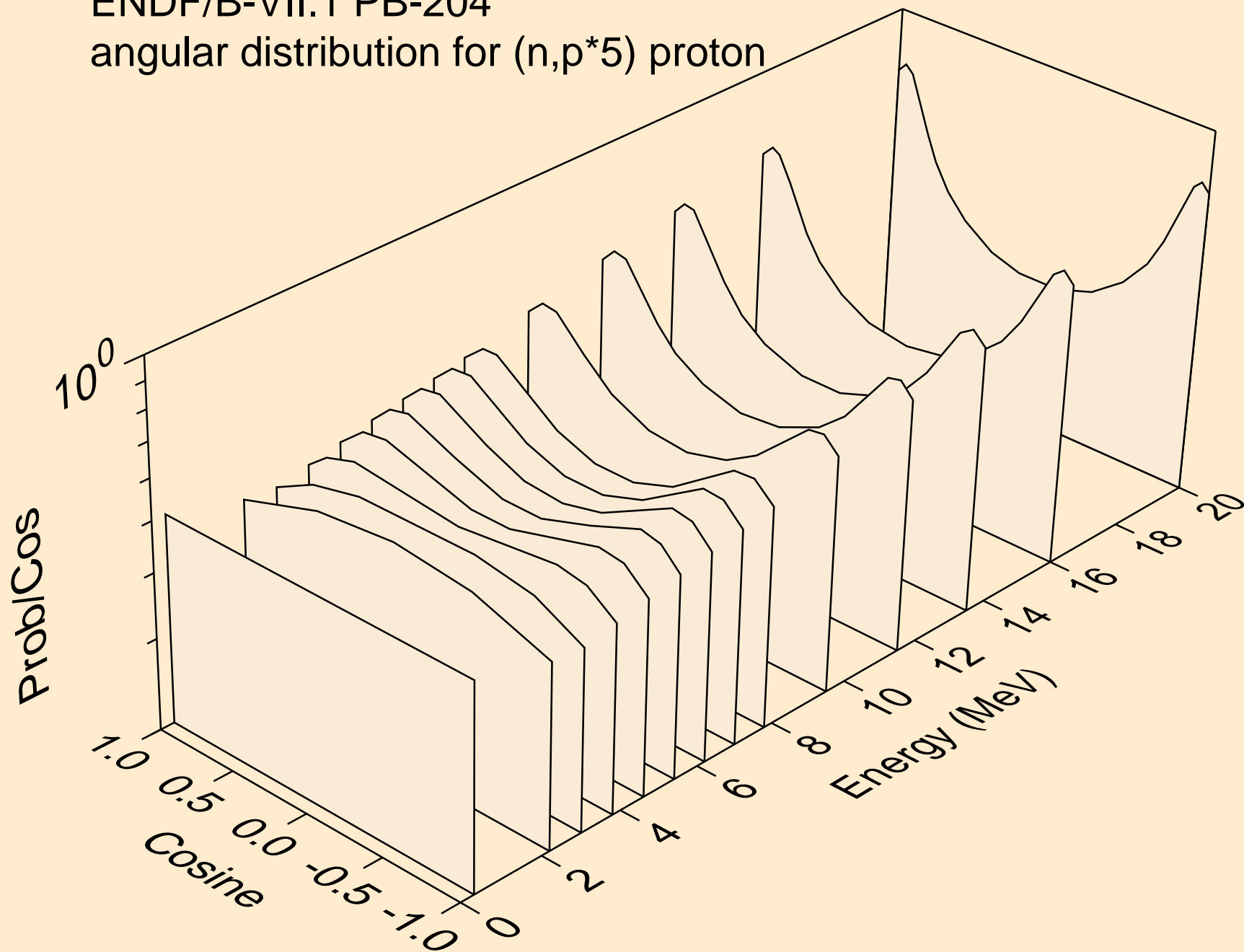
ENDF/B-VII.1 PB-204

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



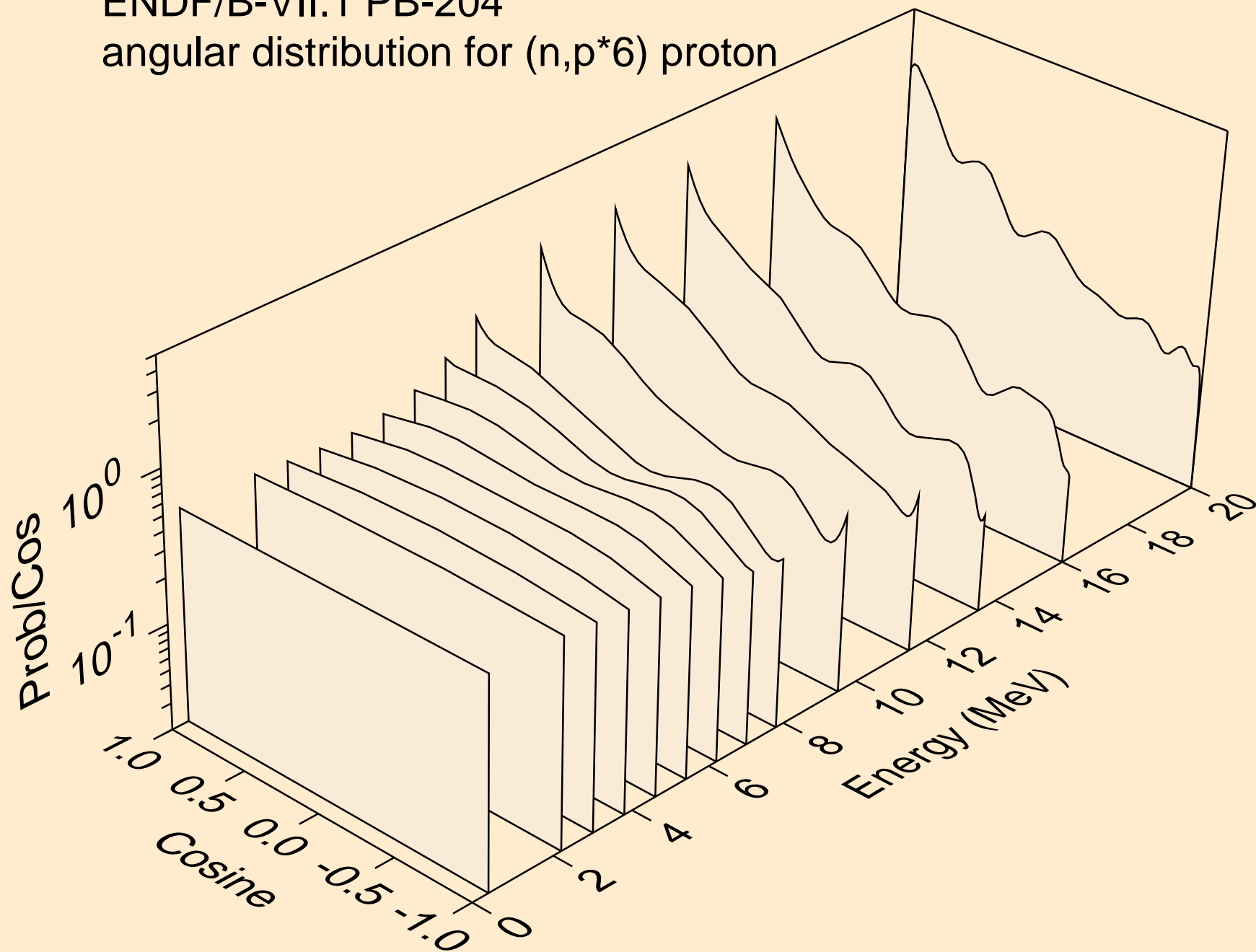
ENDF/B-VII.1 PB-204

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



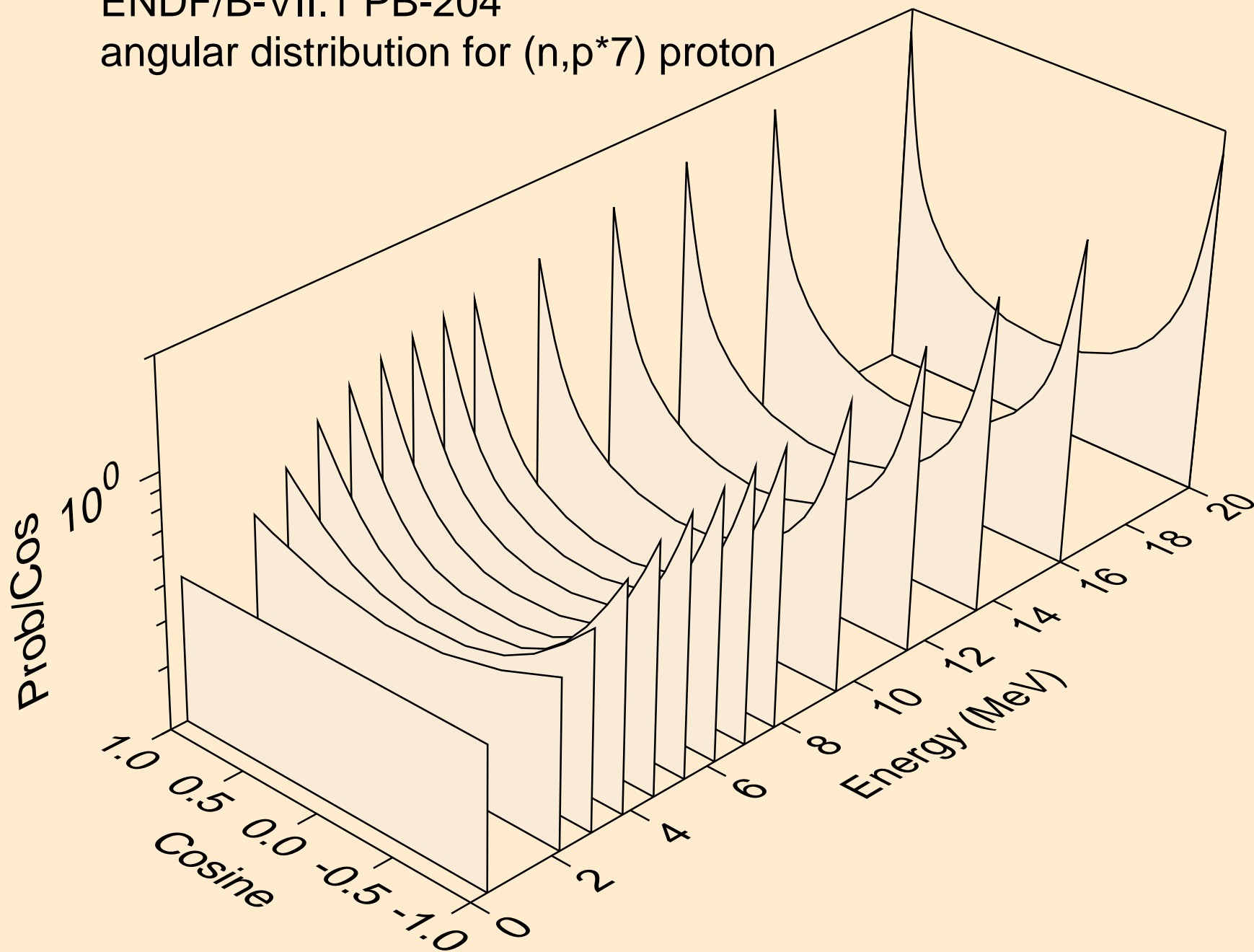
ENDF/B-VII.1 PB-204

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

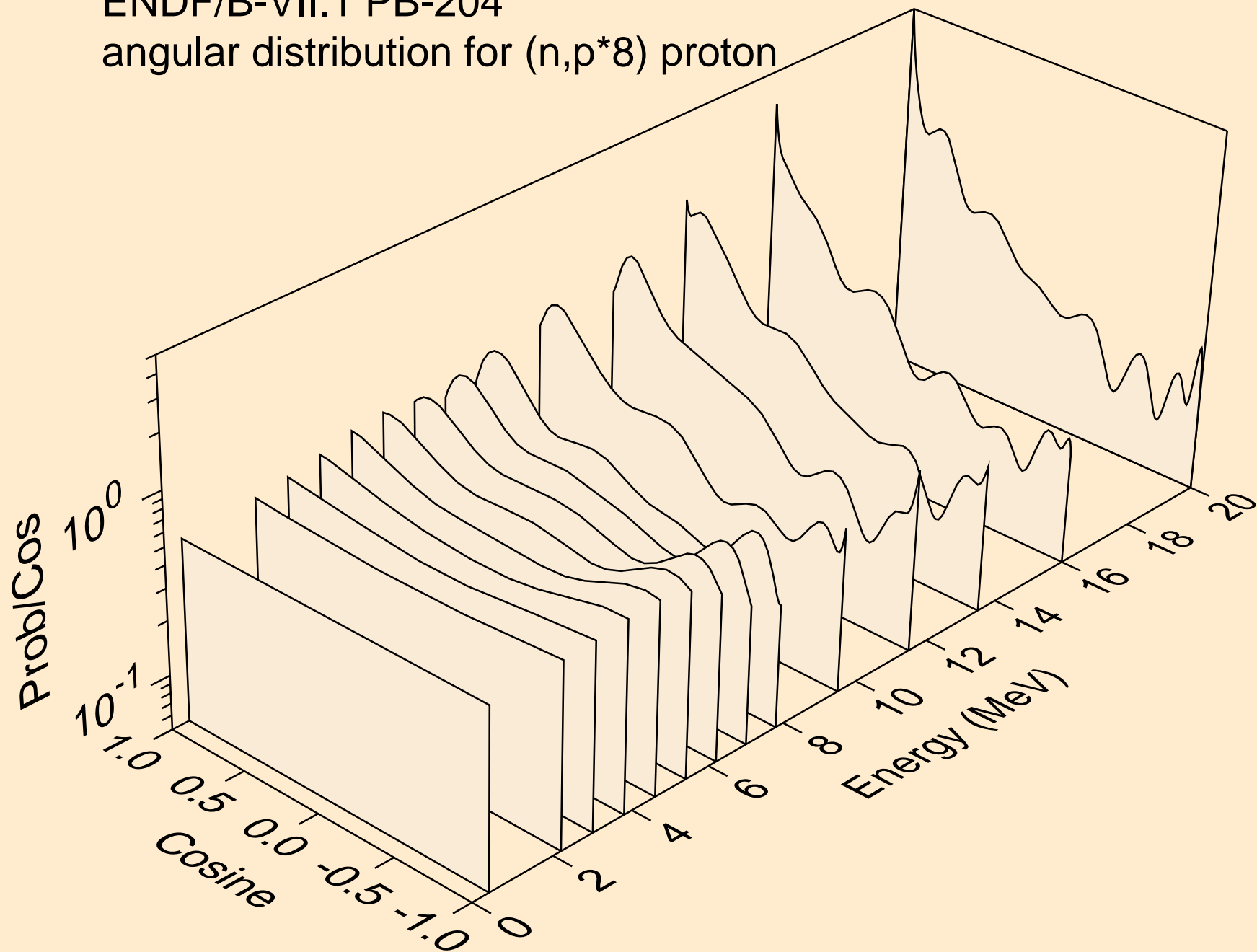


ENDF/B-VII.1 PB-204

angular distribution for (n,p\*7) proton



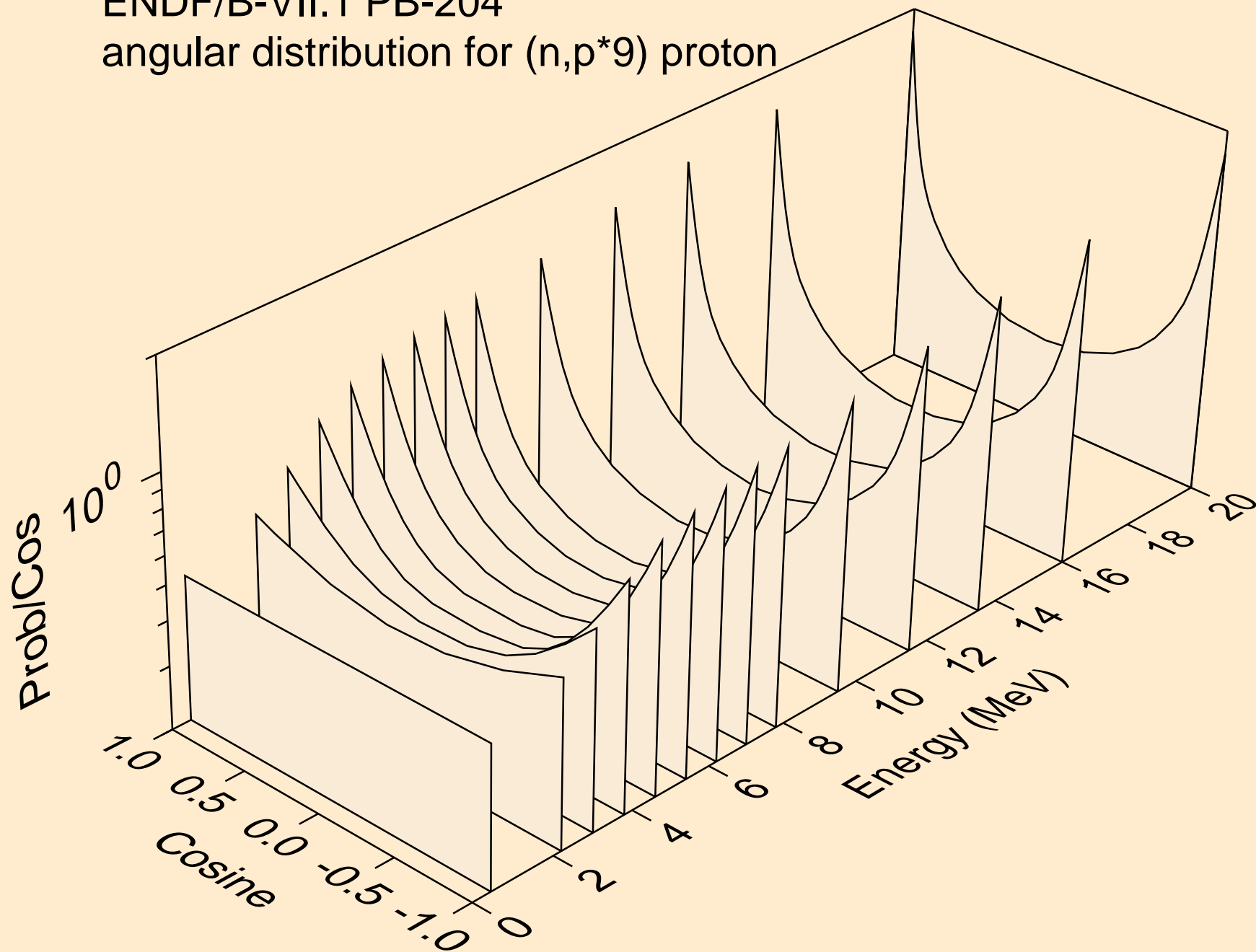
ENDF/B-VII.1 PB-204  
angular distribution for (n,p\*8) proton





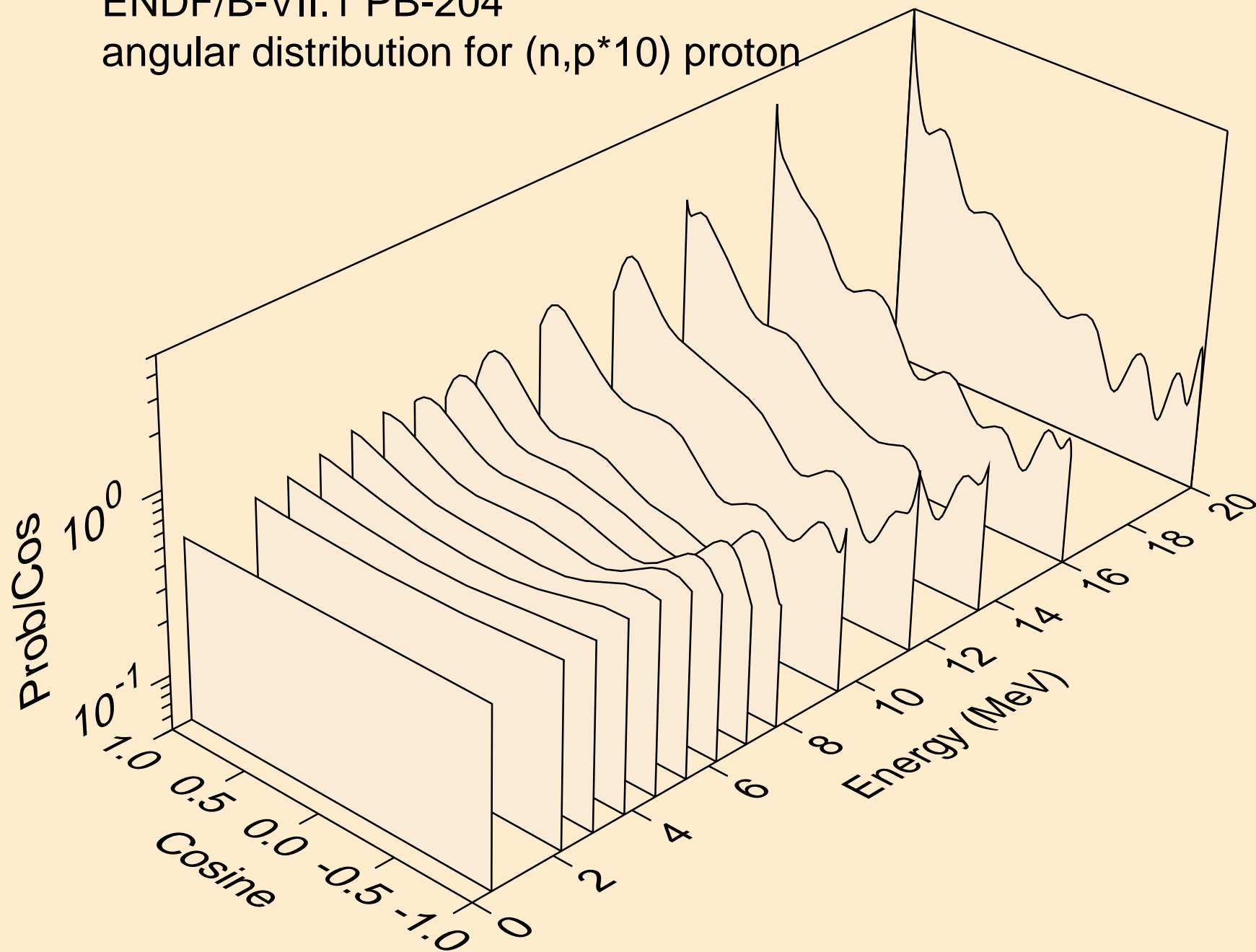
ENDF/B-VII.1 PB-204

angular distribution for (n,p\*9) proton

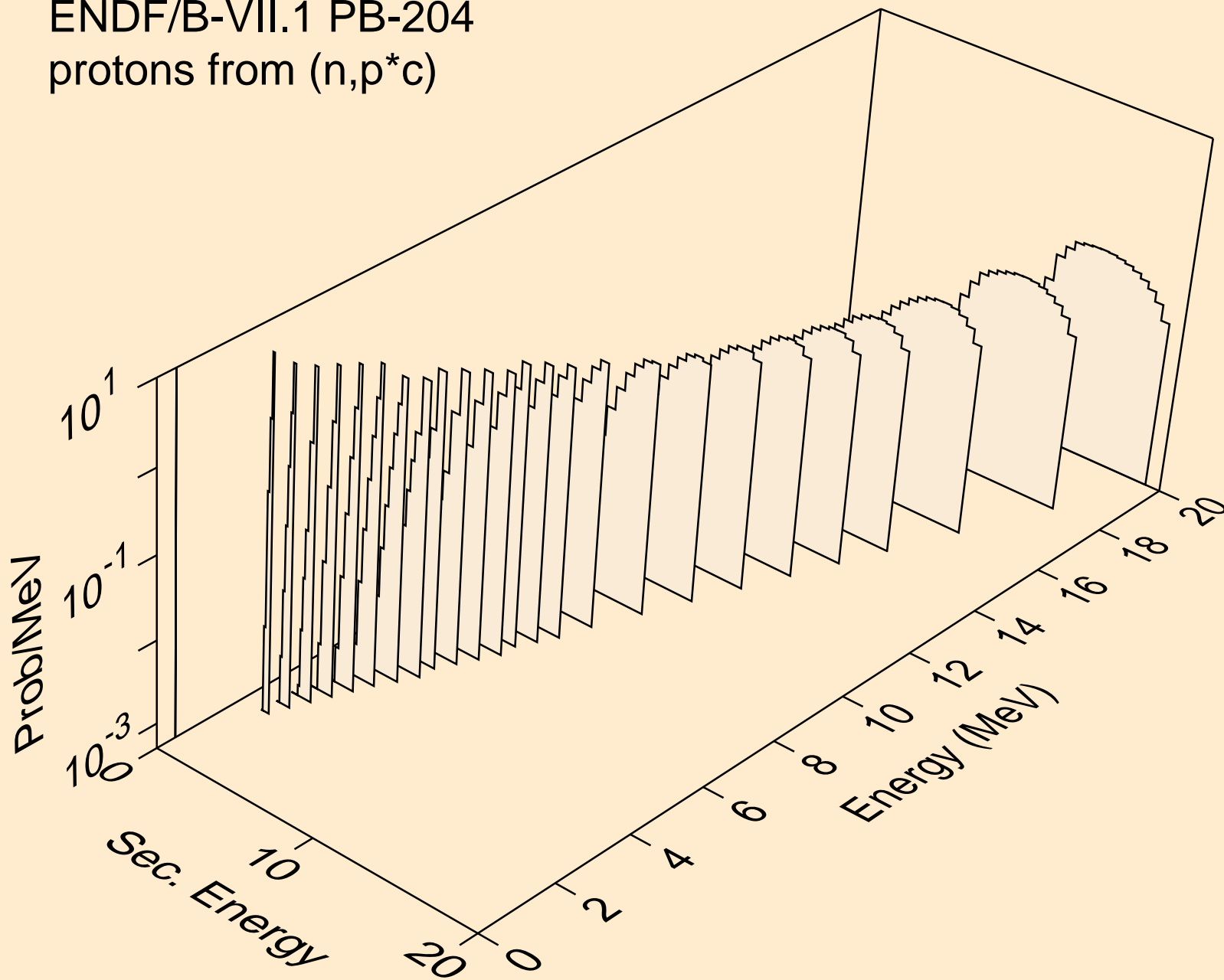


ENDF/B-VII.1 PB-204

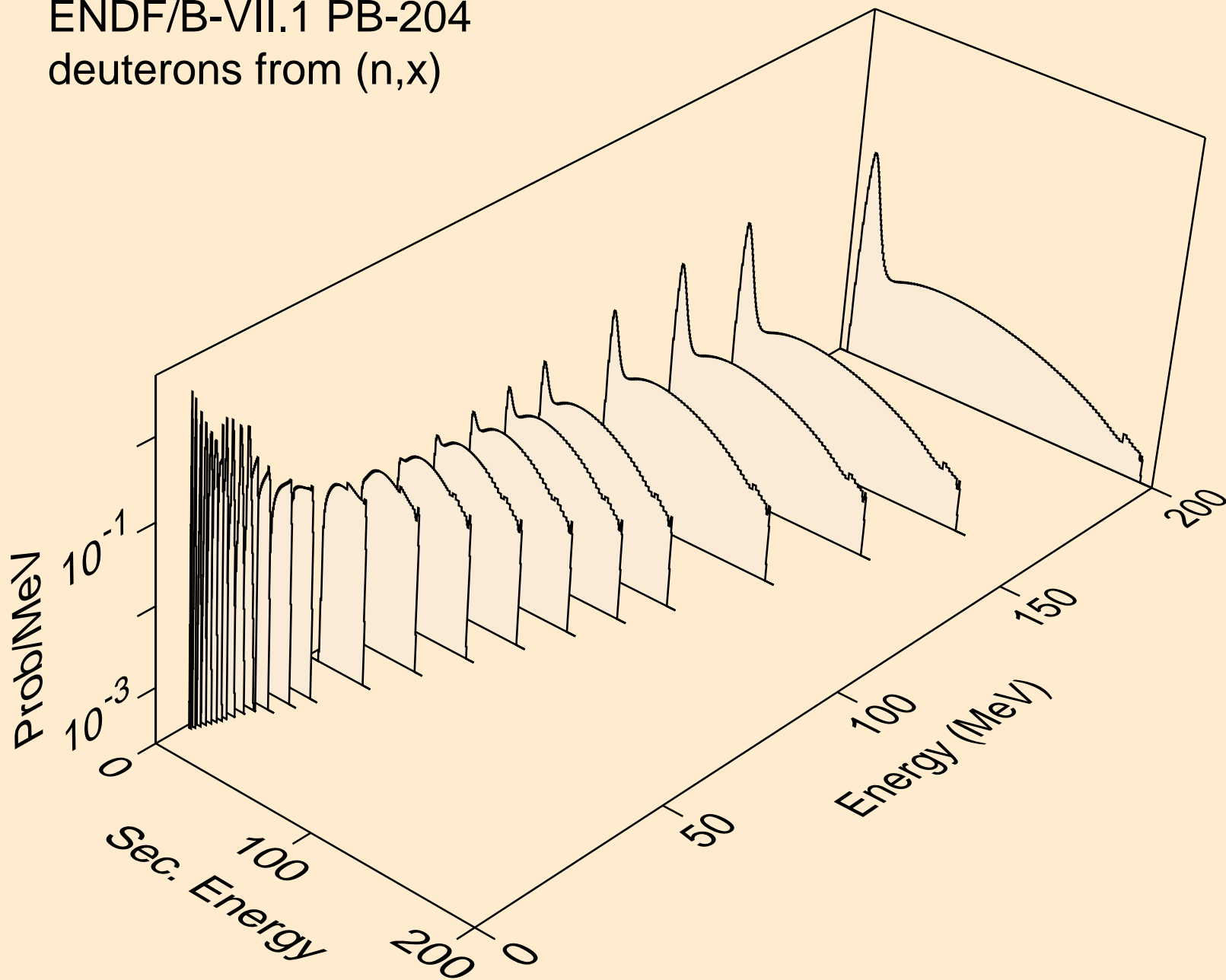
angular distribution for (n,p\*10) proton



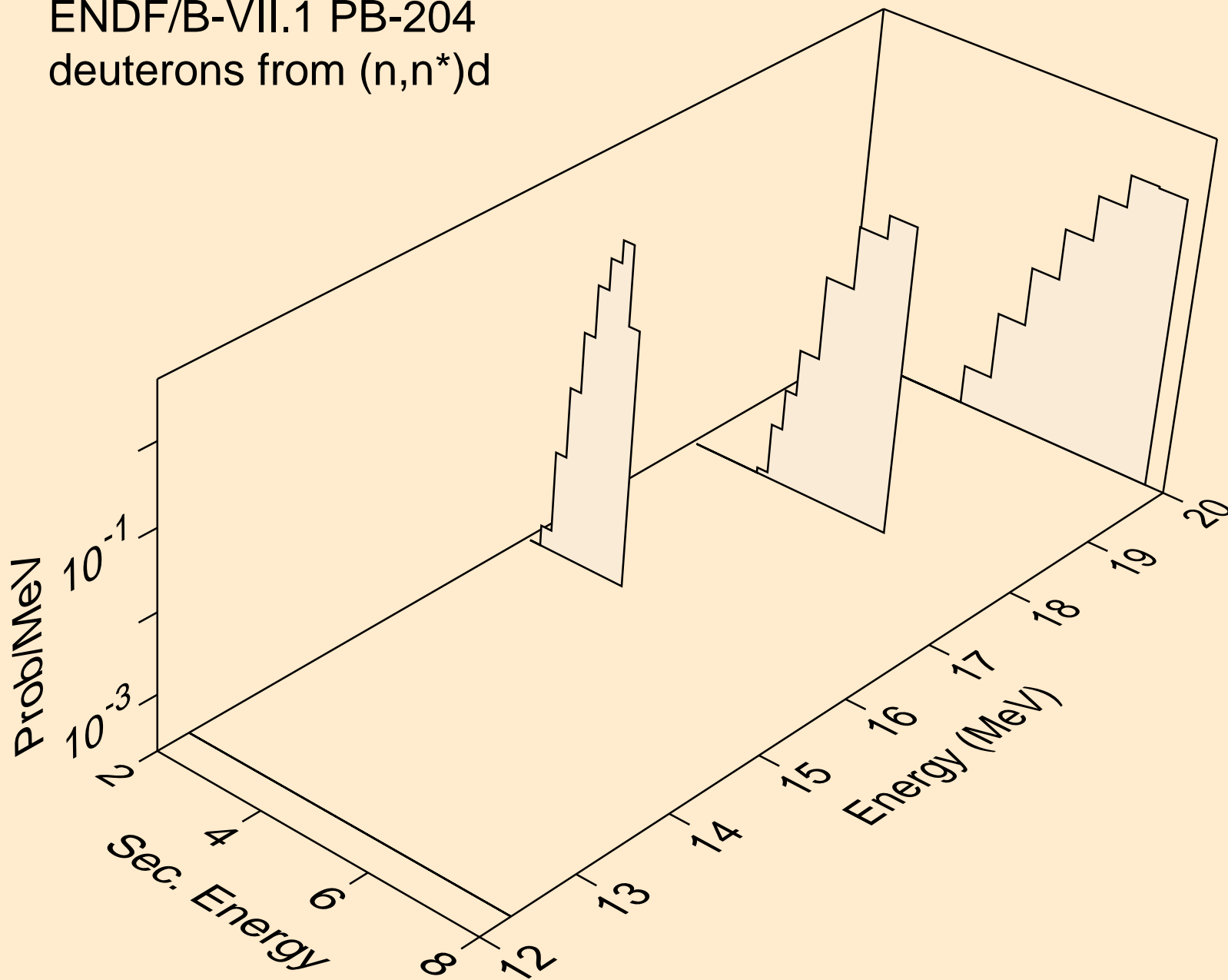
ENDF/B-VII.1 PB-204  
protons from (n,p\*c)



ENDF/B-VII.1 PB-204  
deuterons from (n,x)

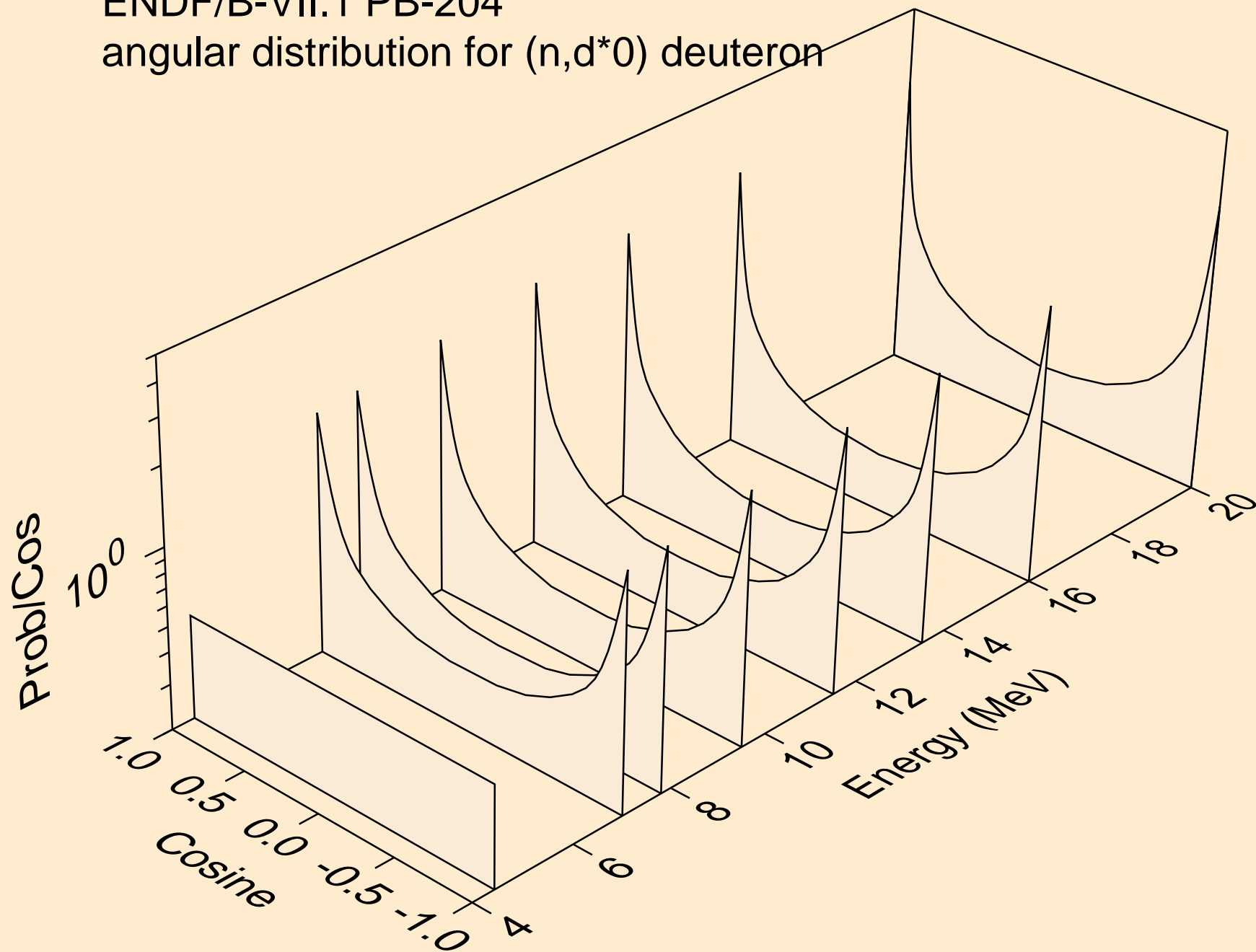


ENDF/B-VII.1 PB-204  
deuterons from (n,n\*)d



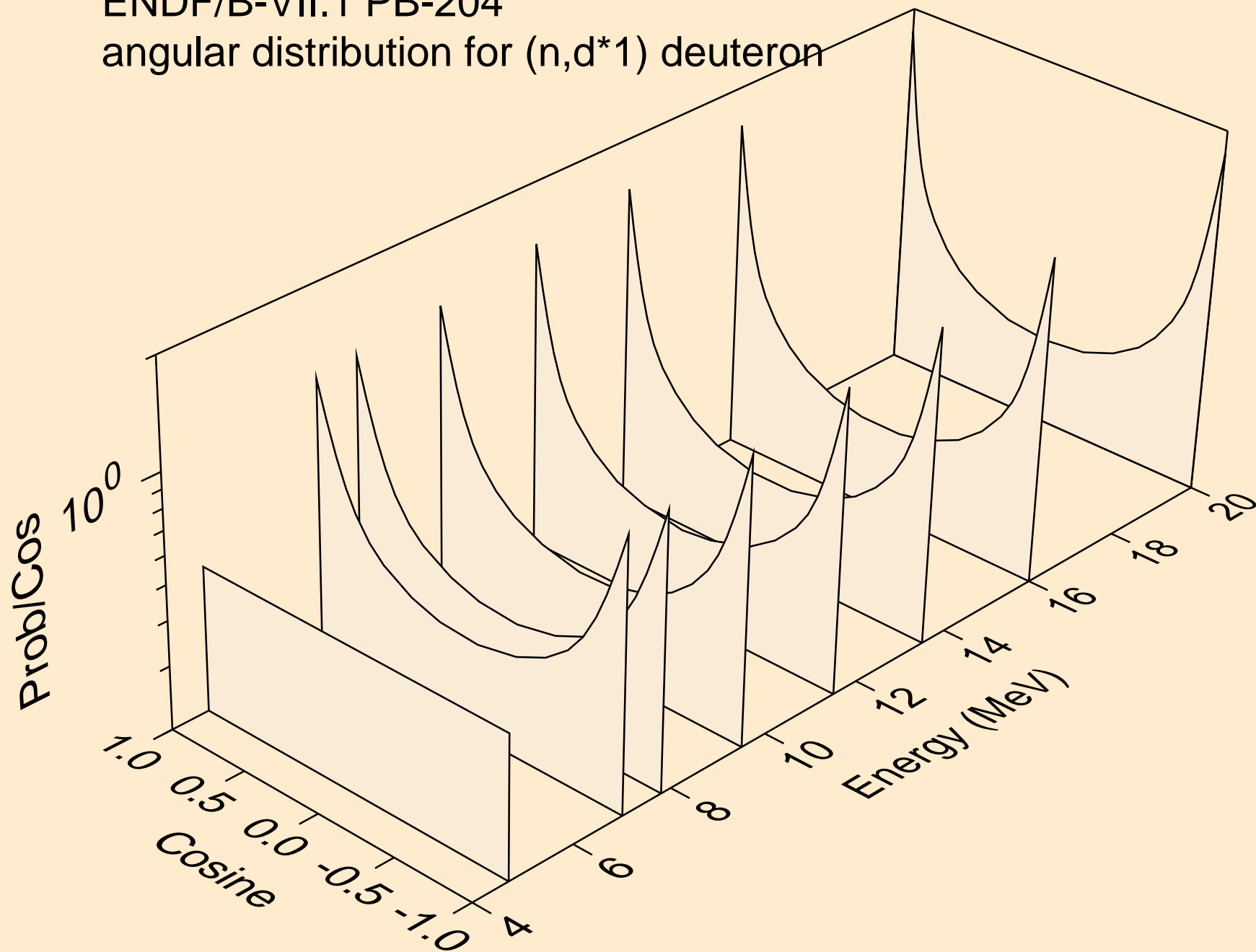
ENDF/B-VII.1 PB-204

angular distribution for (n,d\*0) deuteron



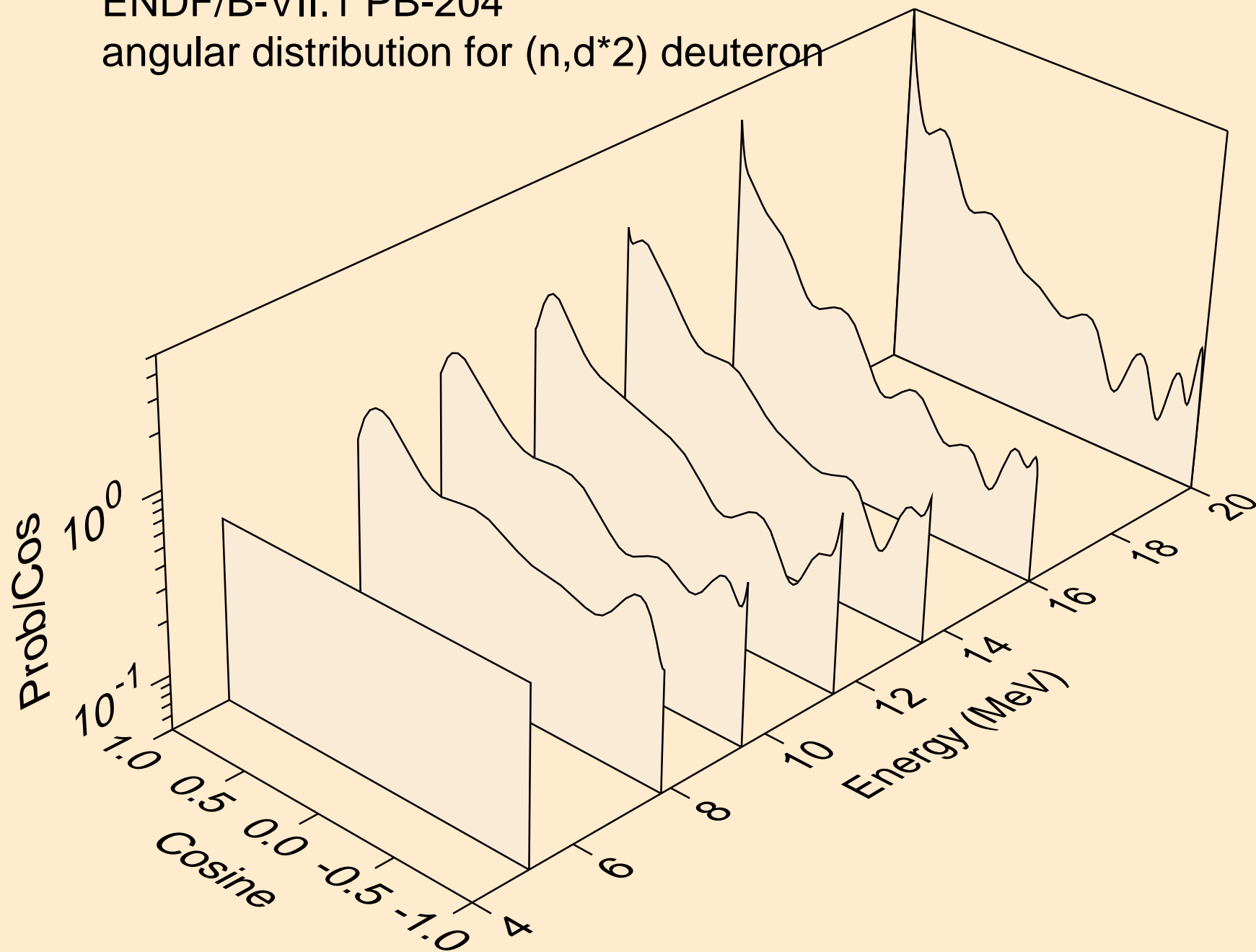
ENDF/B-VII.1 PB-204

angular distribution for (n,d\*1) deuteron



ENDF/B-VII.1 PB-204

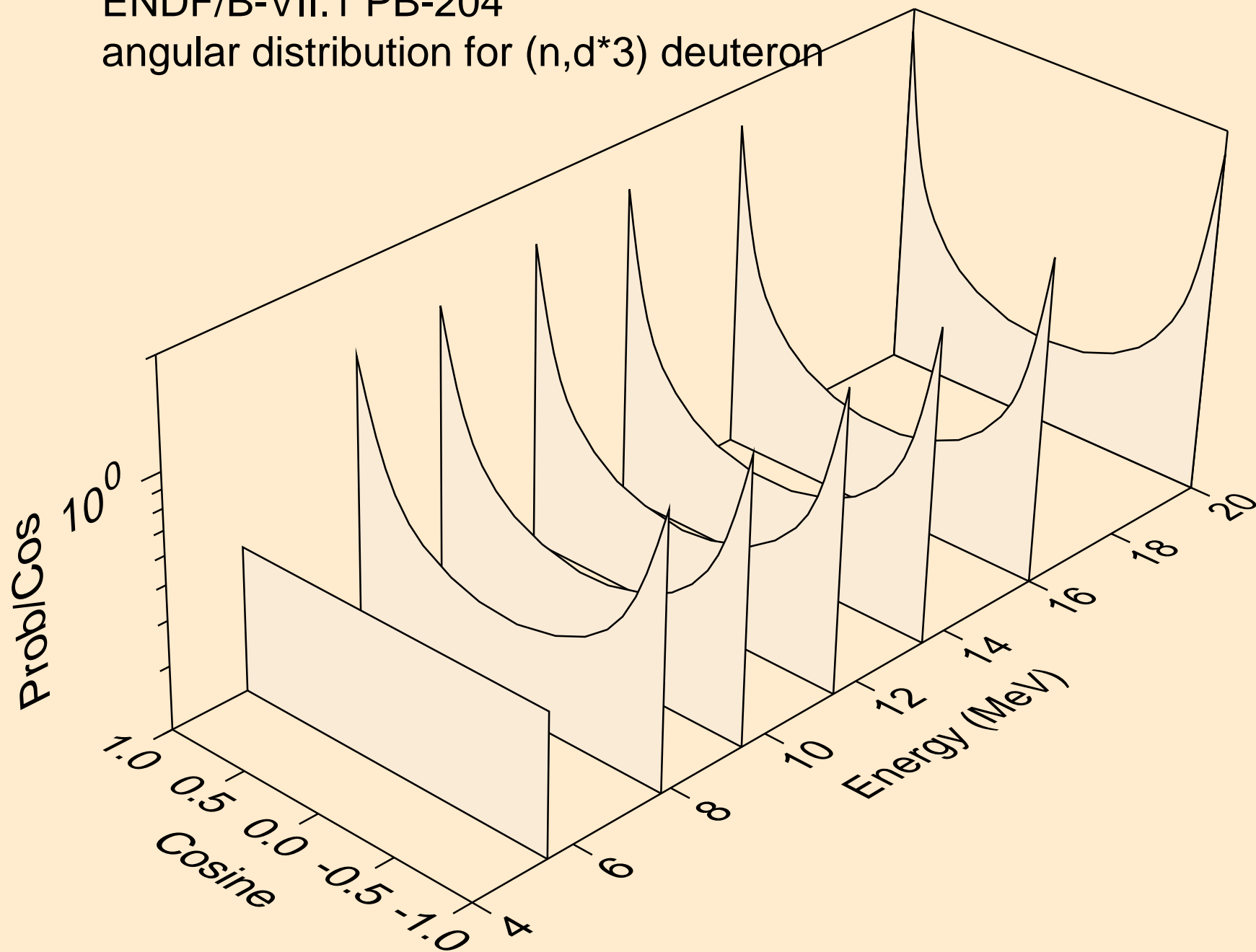
angular distribution for (n,d\*2) deuteron





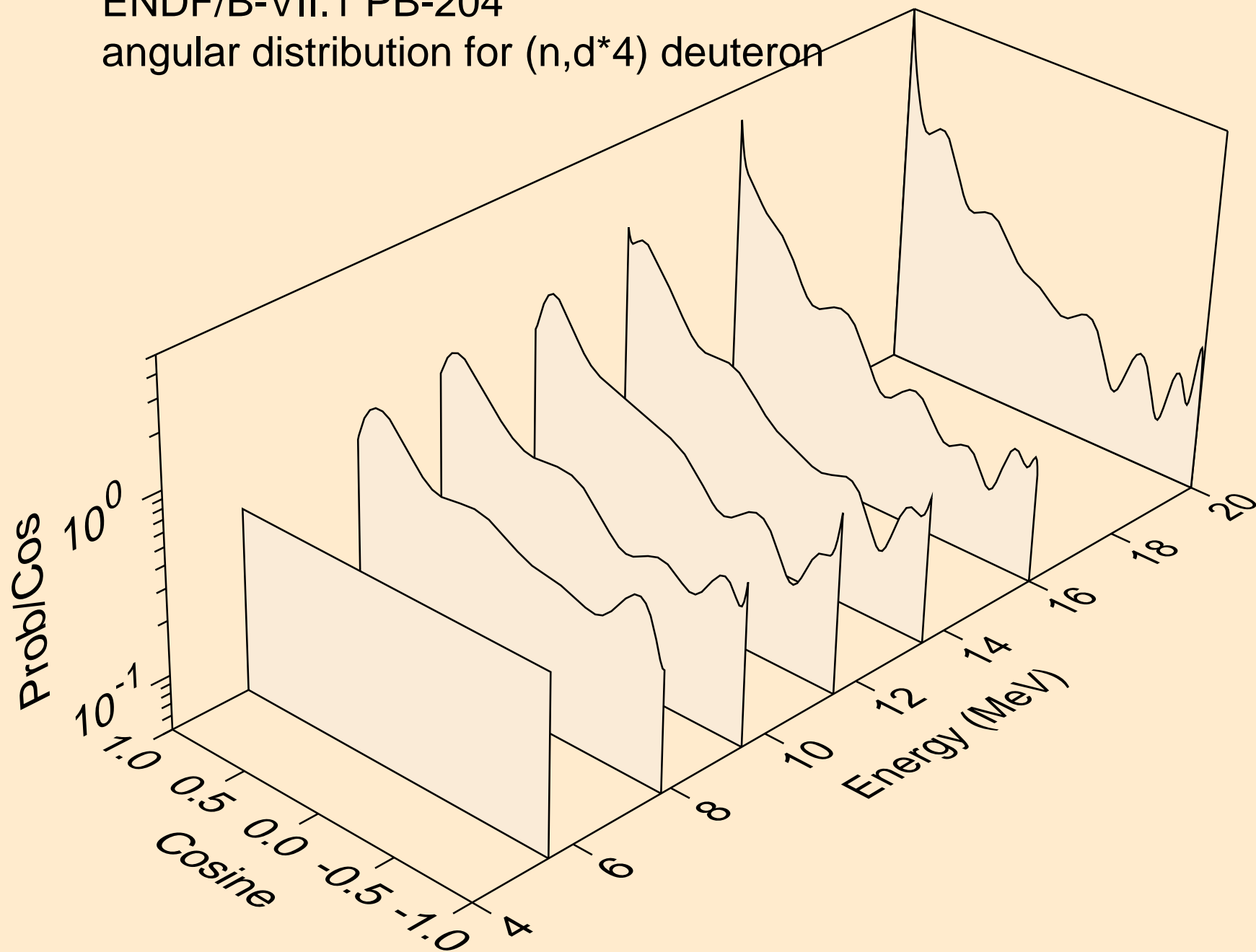
ENDF/B-VII.1 PB-204

angular distribution for (n,d\*3) deuteron



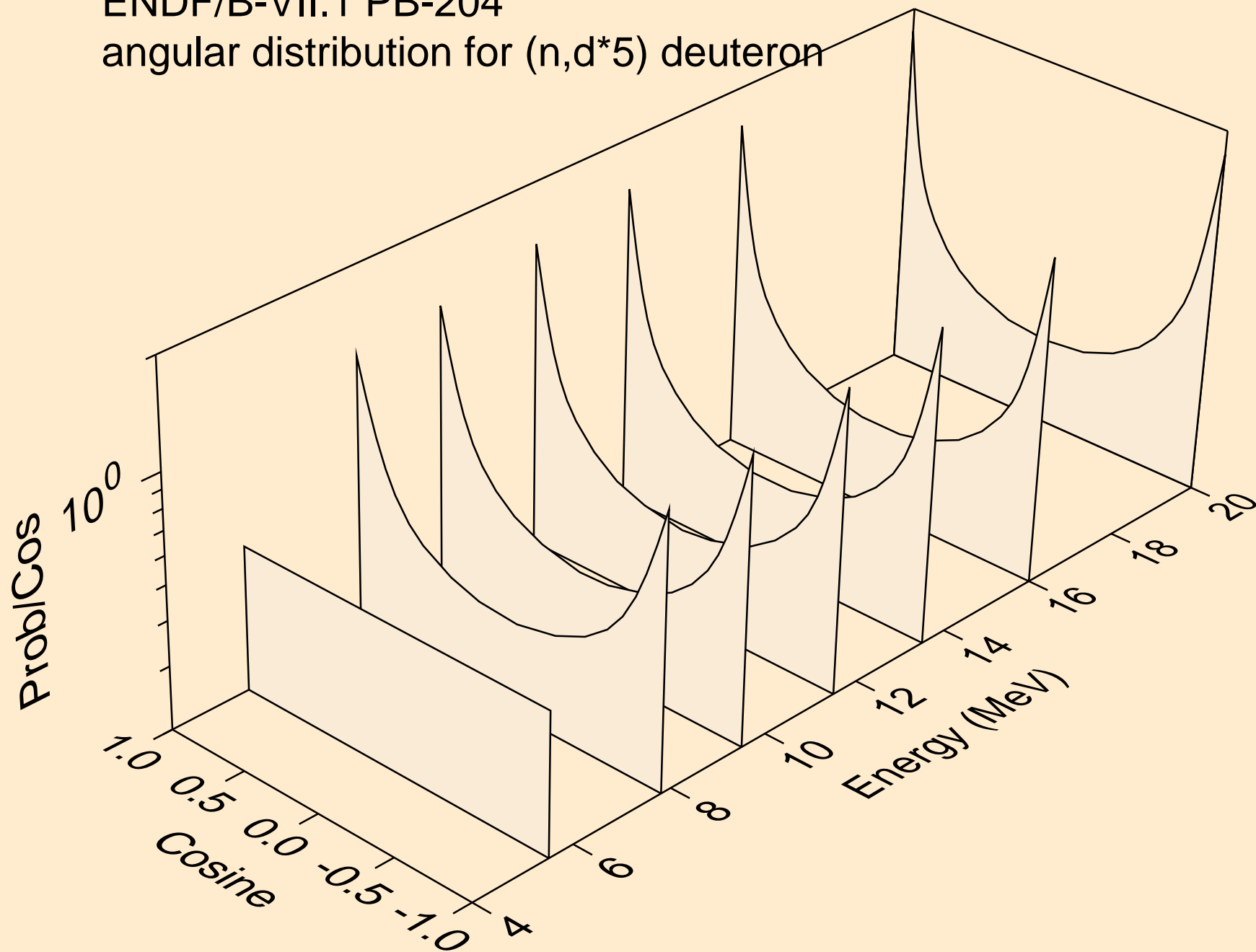
ENDF/B-VII.1 PB-204

angular distribution for (n,d\*4) deuteron

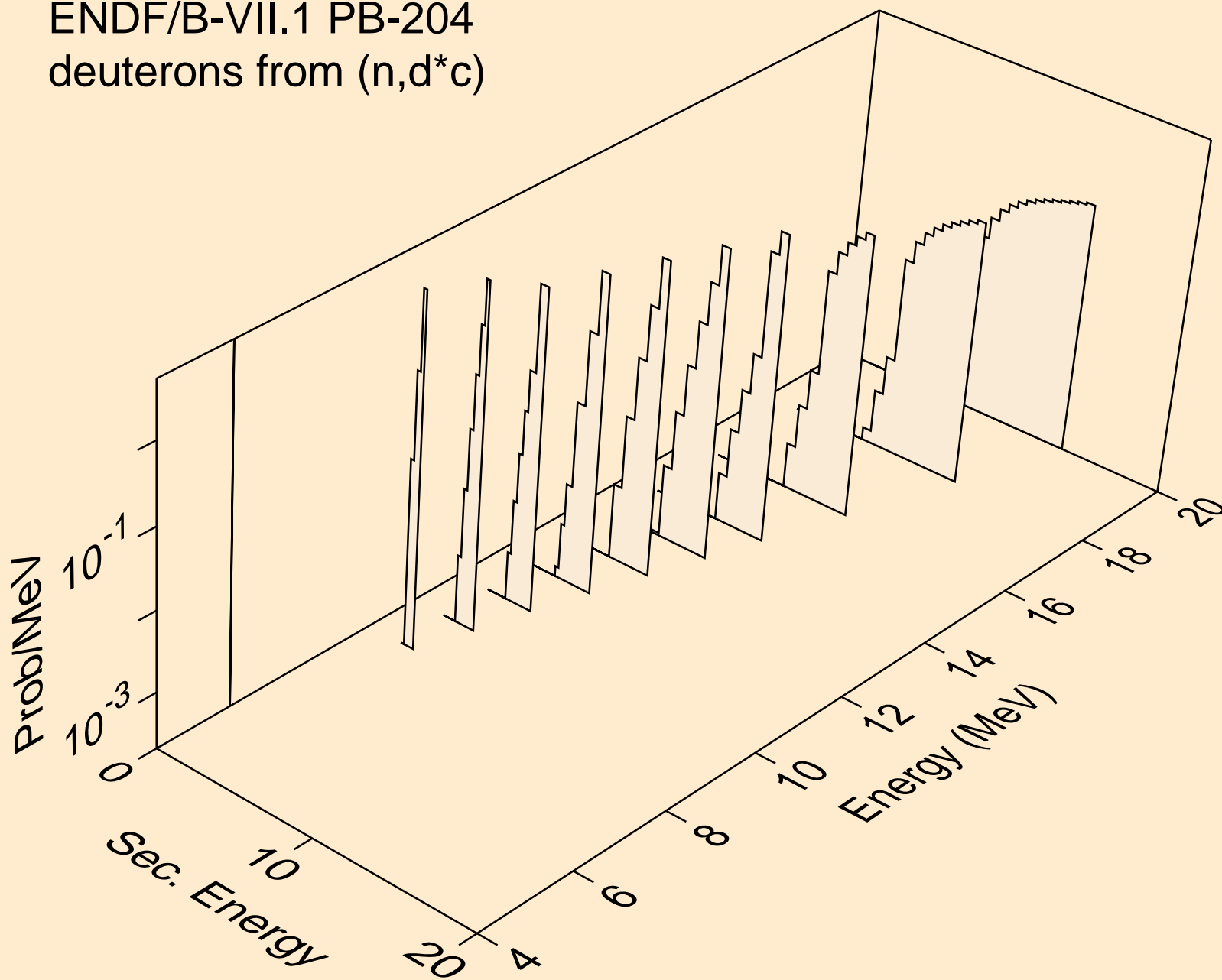


ENDF/B-VII.1 PB-204

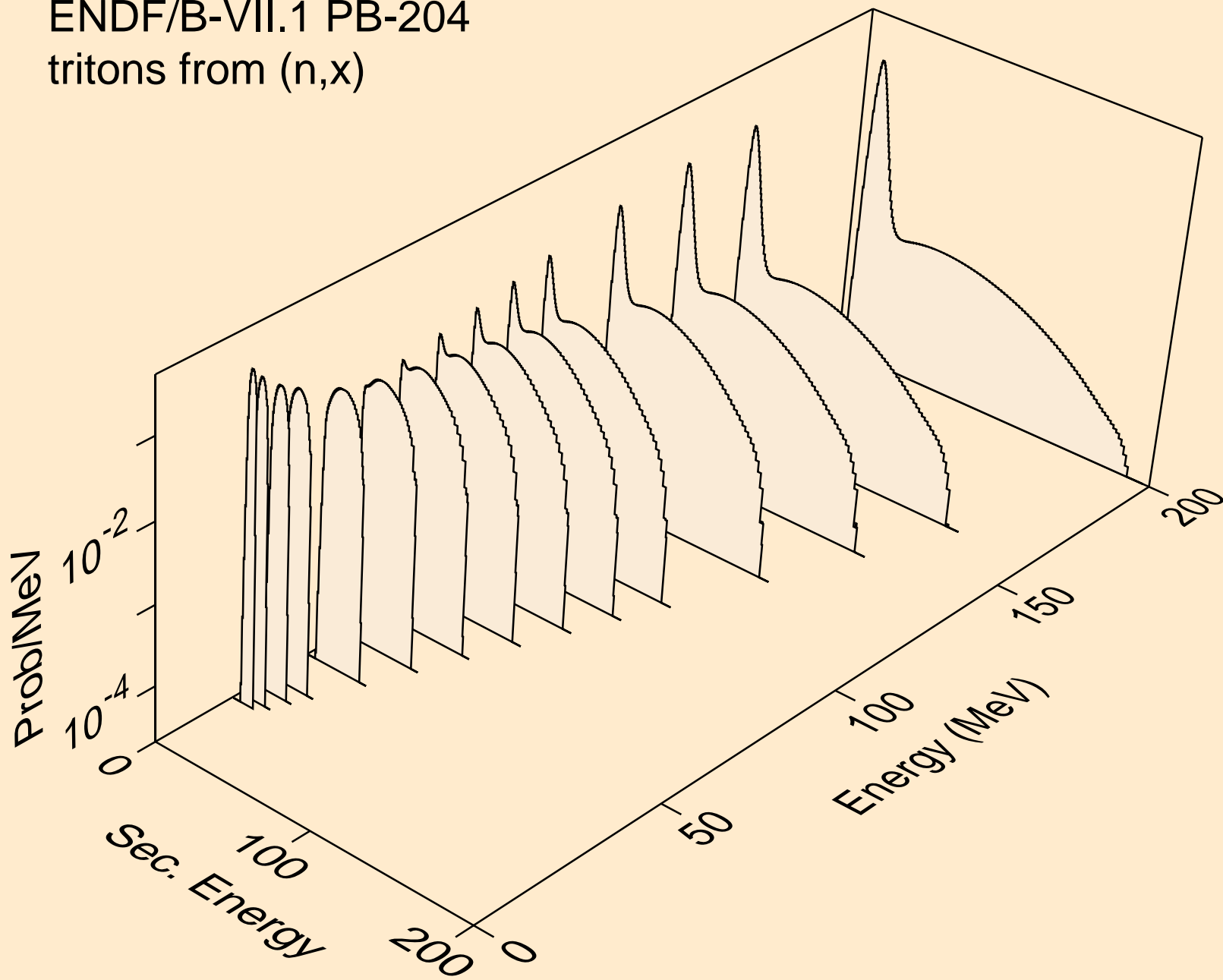
angular distribution for (n,d\*5) deuteron



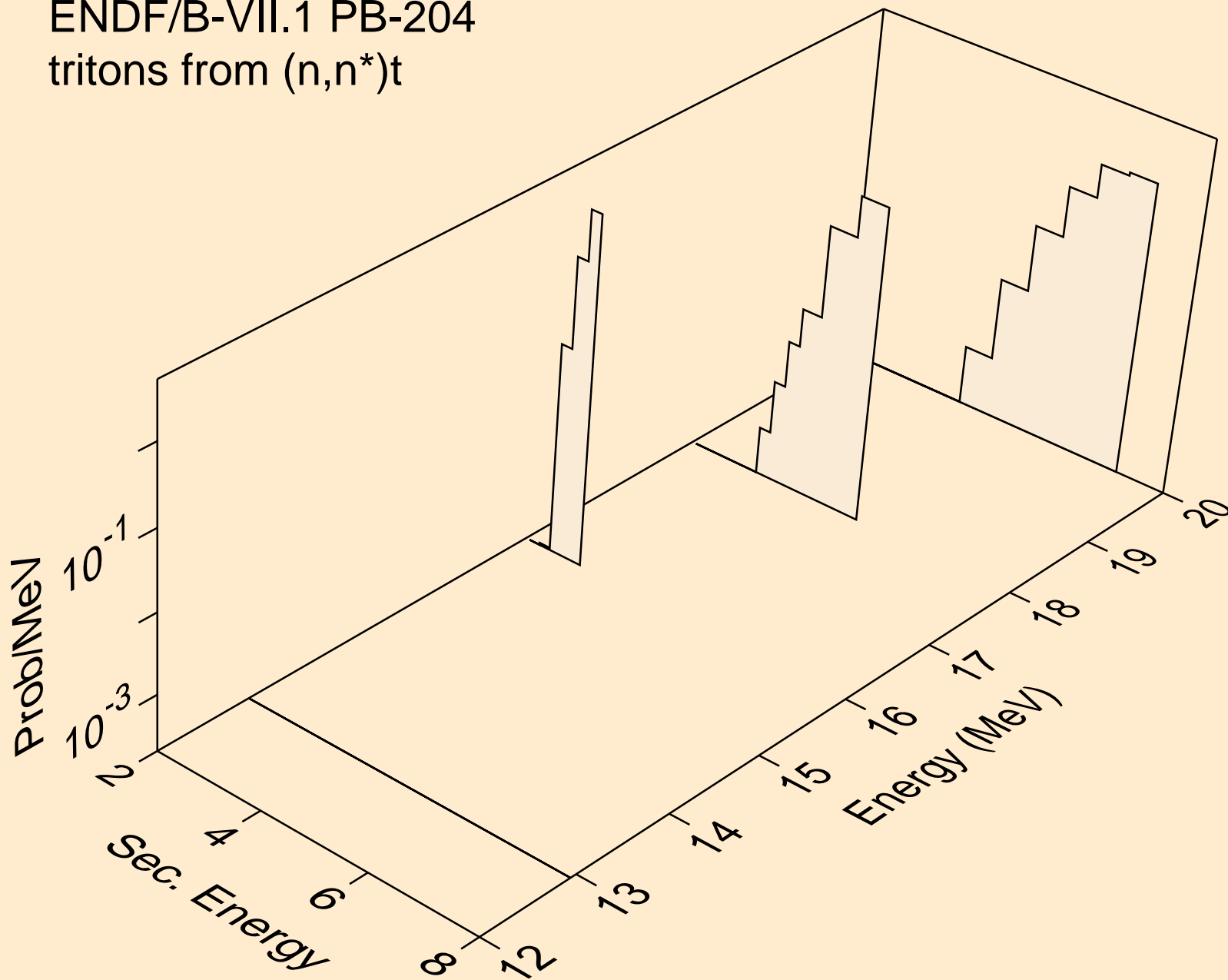
ENDF/B-VII.1 PB-204  
deuterons from (n,d\*c)



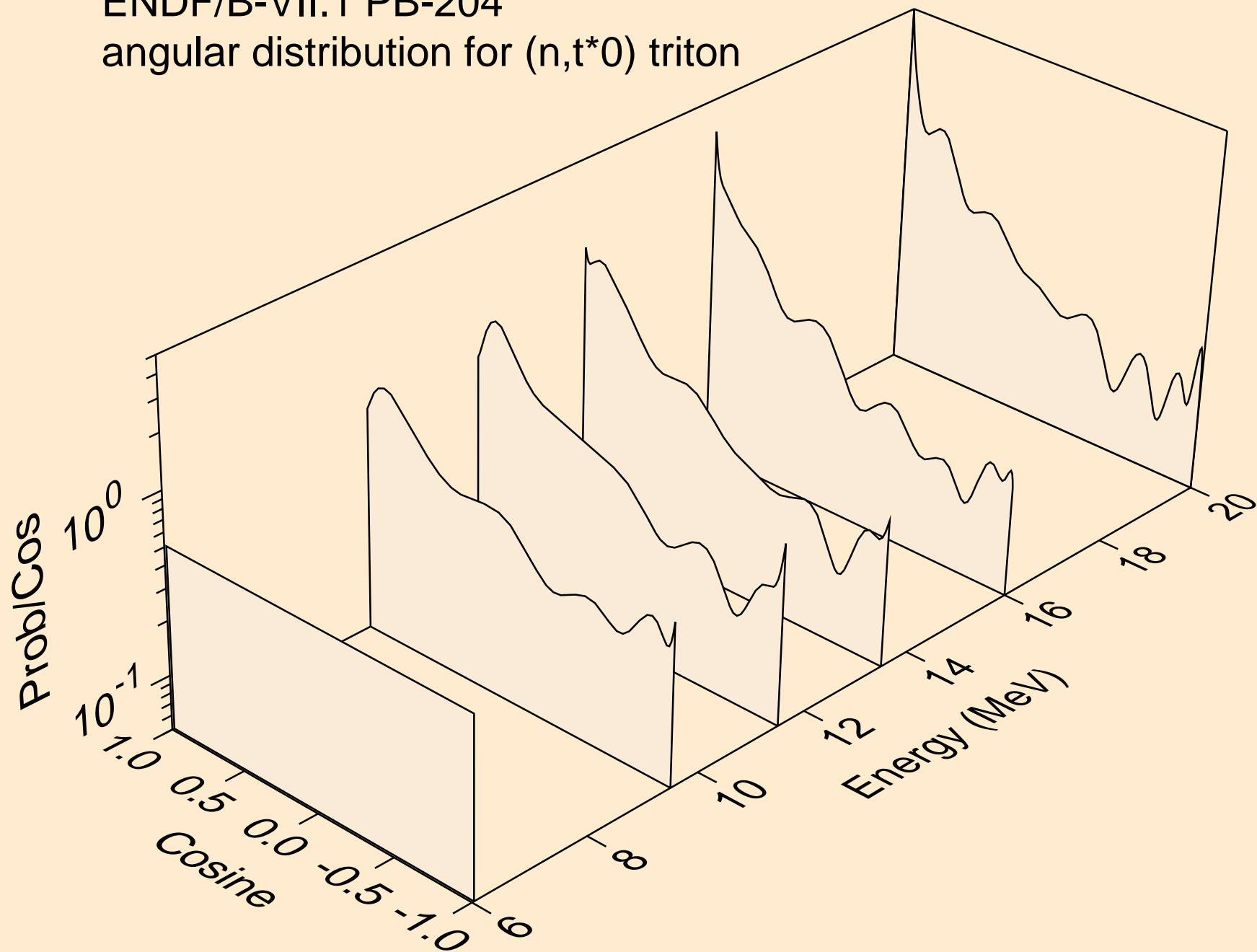
ENDF/B-VII.1 PB-204  
tritons from (n,x)



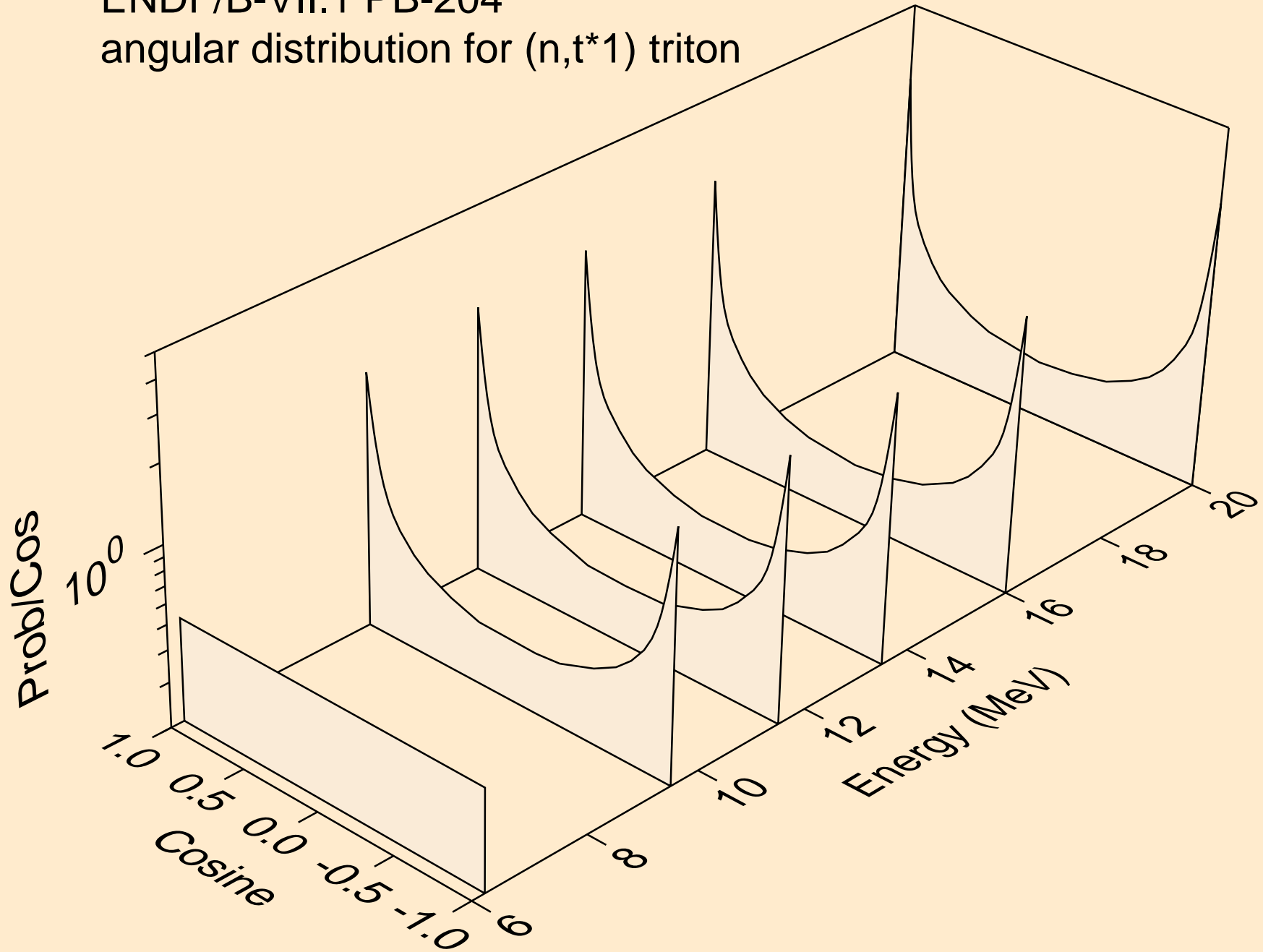
ENDF/B-VII.1 PB-204  
tritons from (n,n\*)t



ENDF/B-VII.1 PB-204  
angular distribution for (n,t\*0) triton

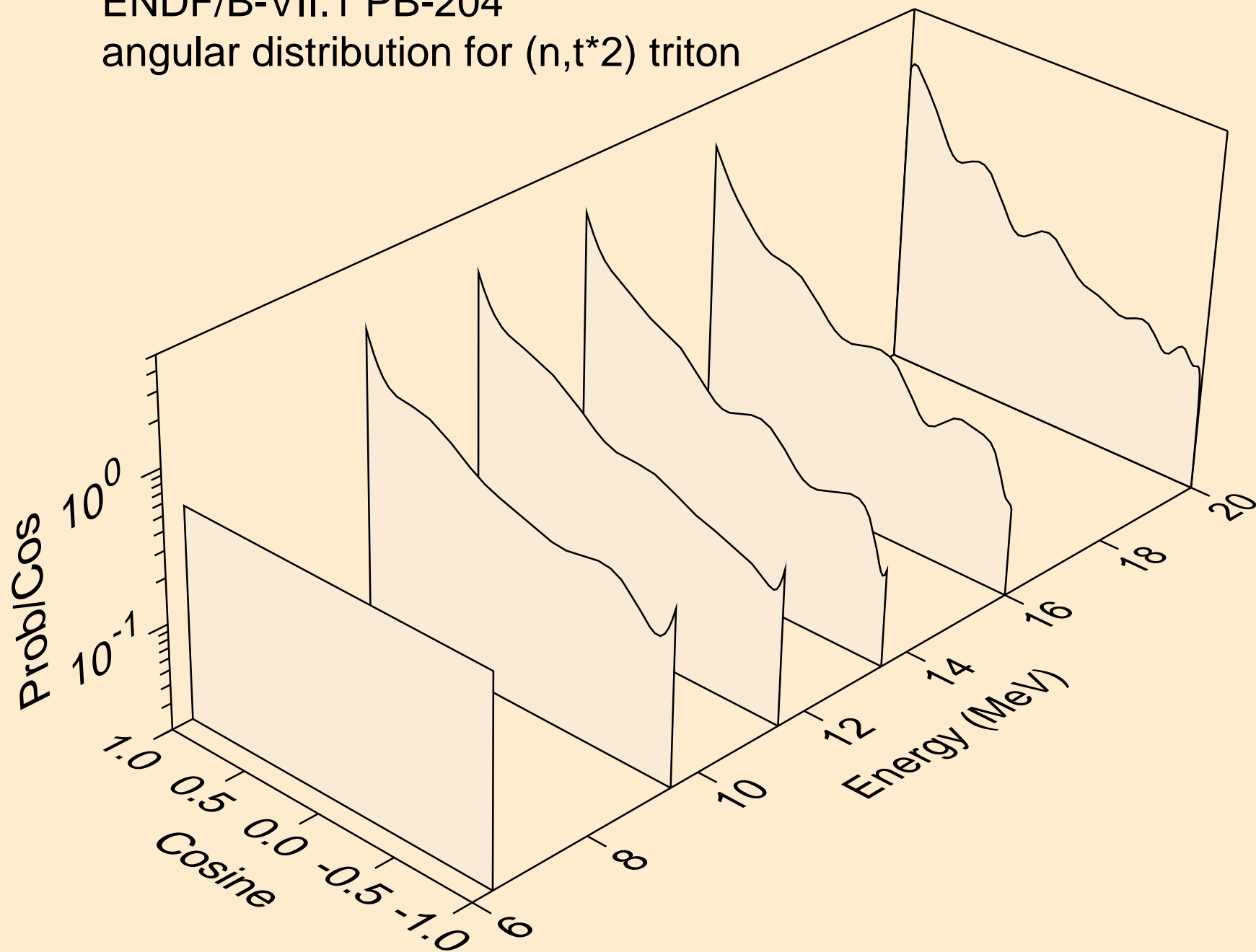


ENDF/B-VII.1 PB-204  
angular distribution for (n,t\*1) triton

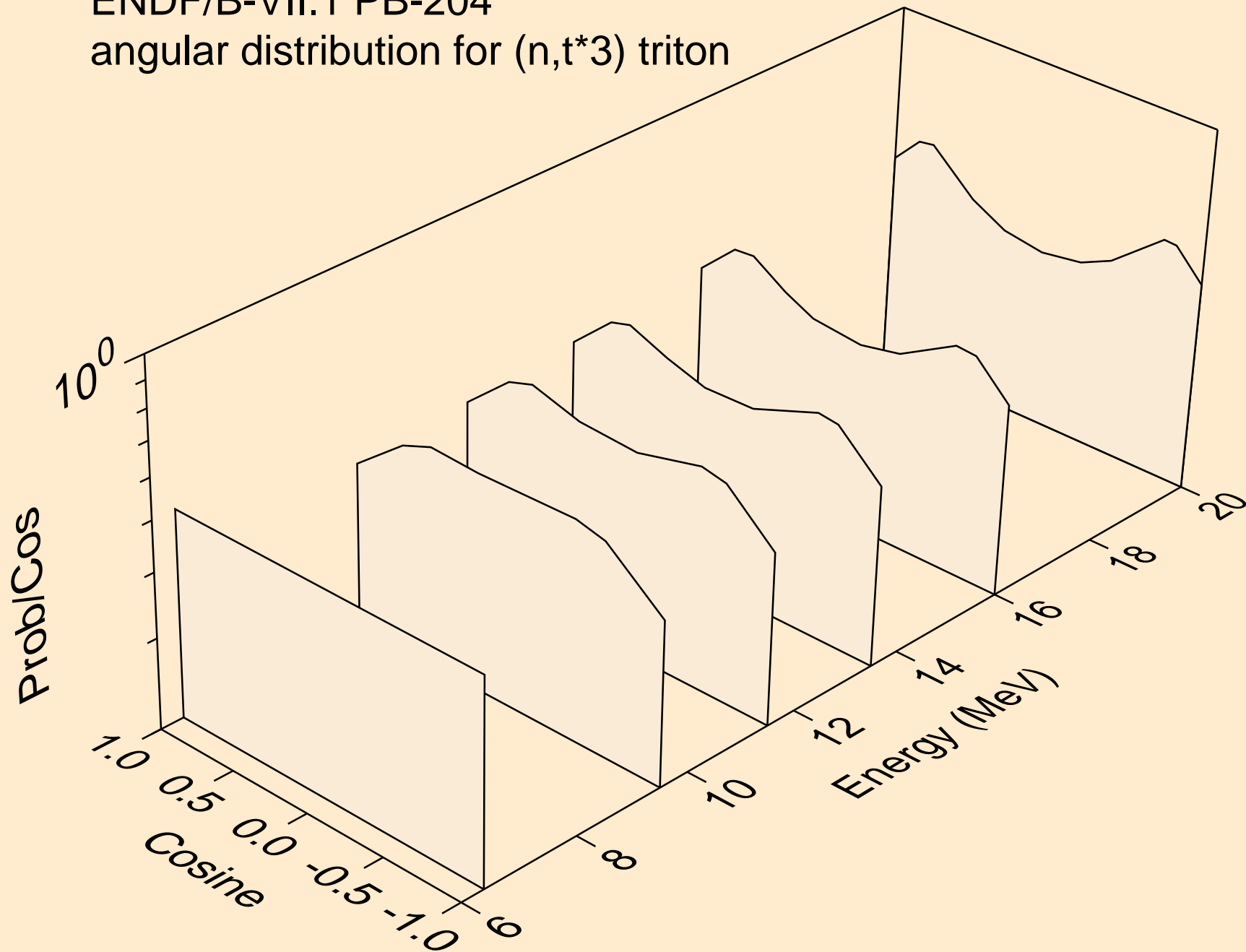




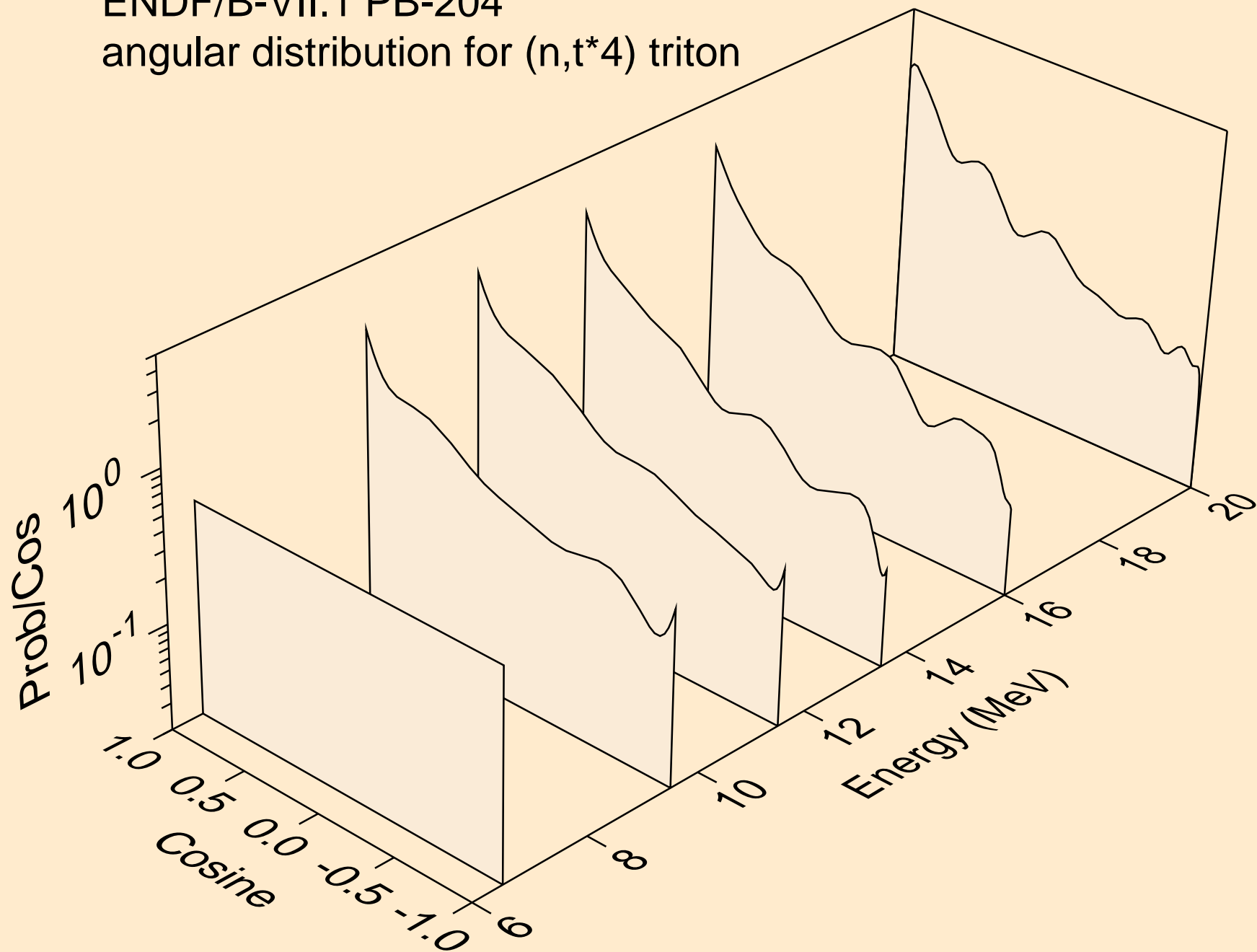
ENDF/B-VII.1 PB-204  
angular distribution for (n,t\*2) triton



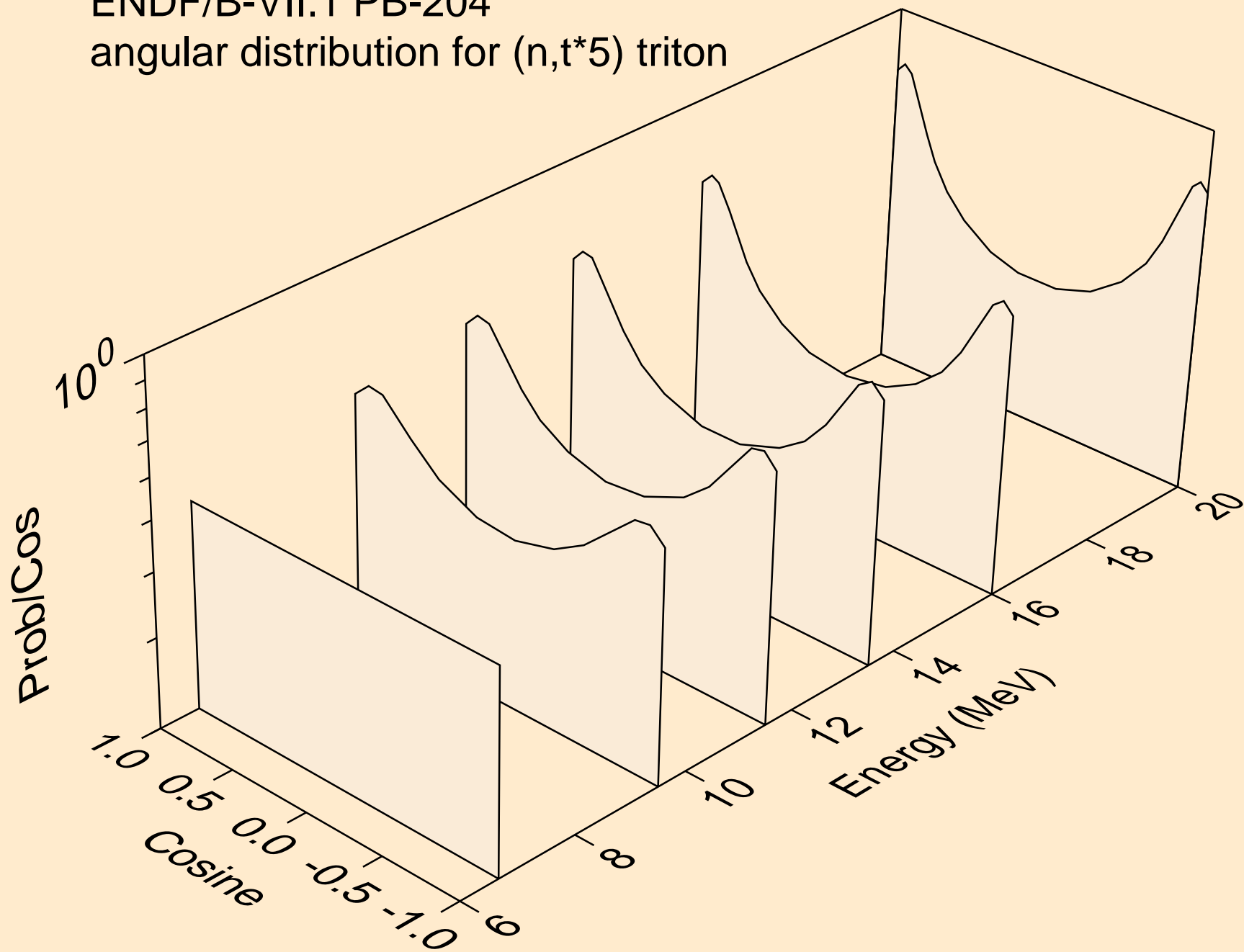
ENDF/B-VII.1 PB-204  
angular distribution for (n,t\*3) triton



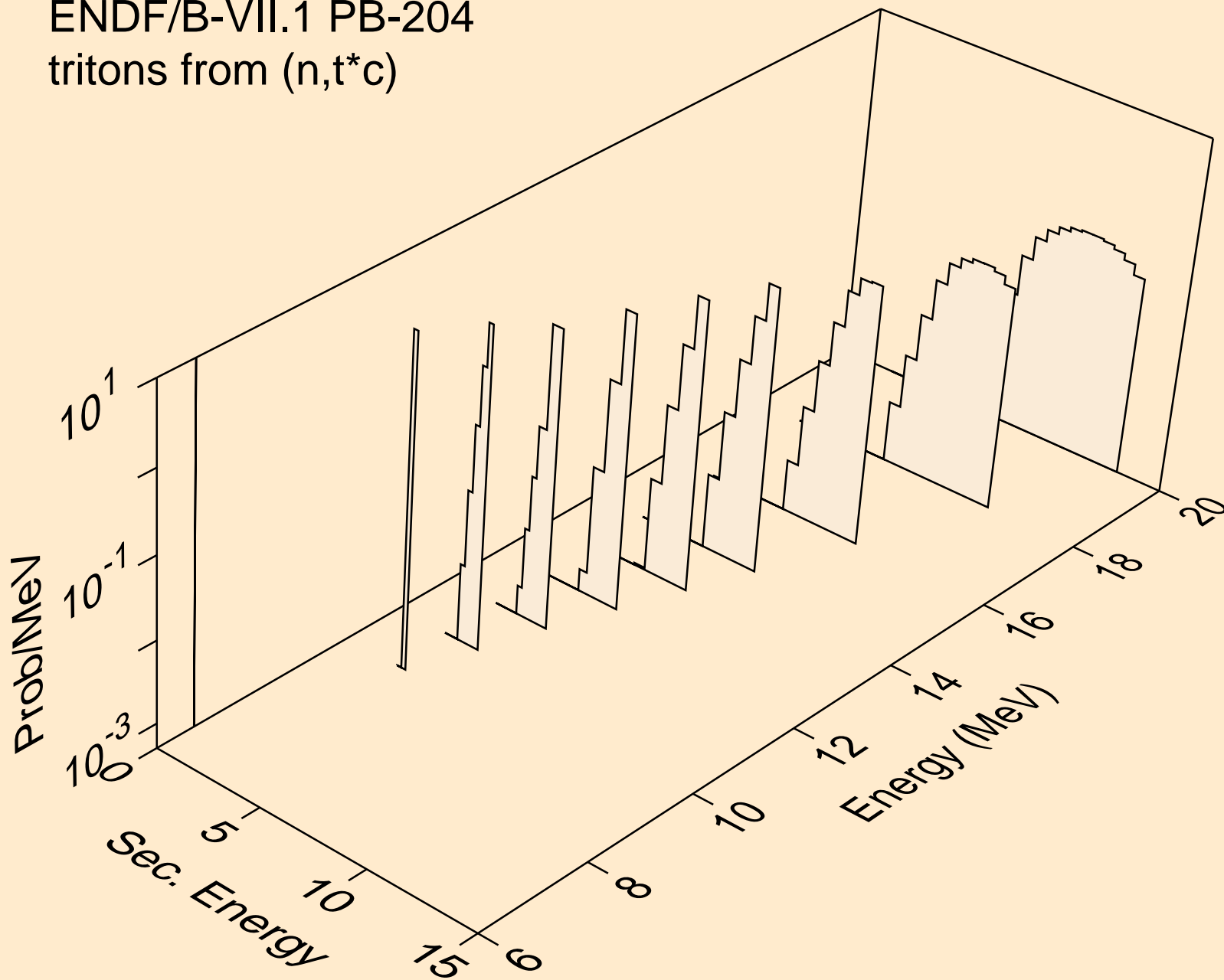
ENDF/B-VII.1 PB-204  
angular distribution for (n,t\*4) triton



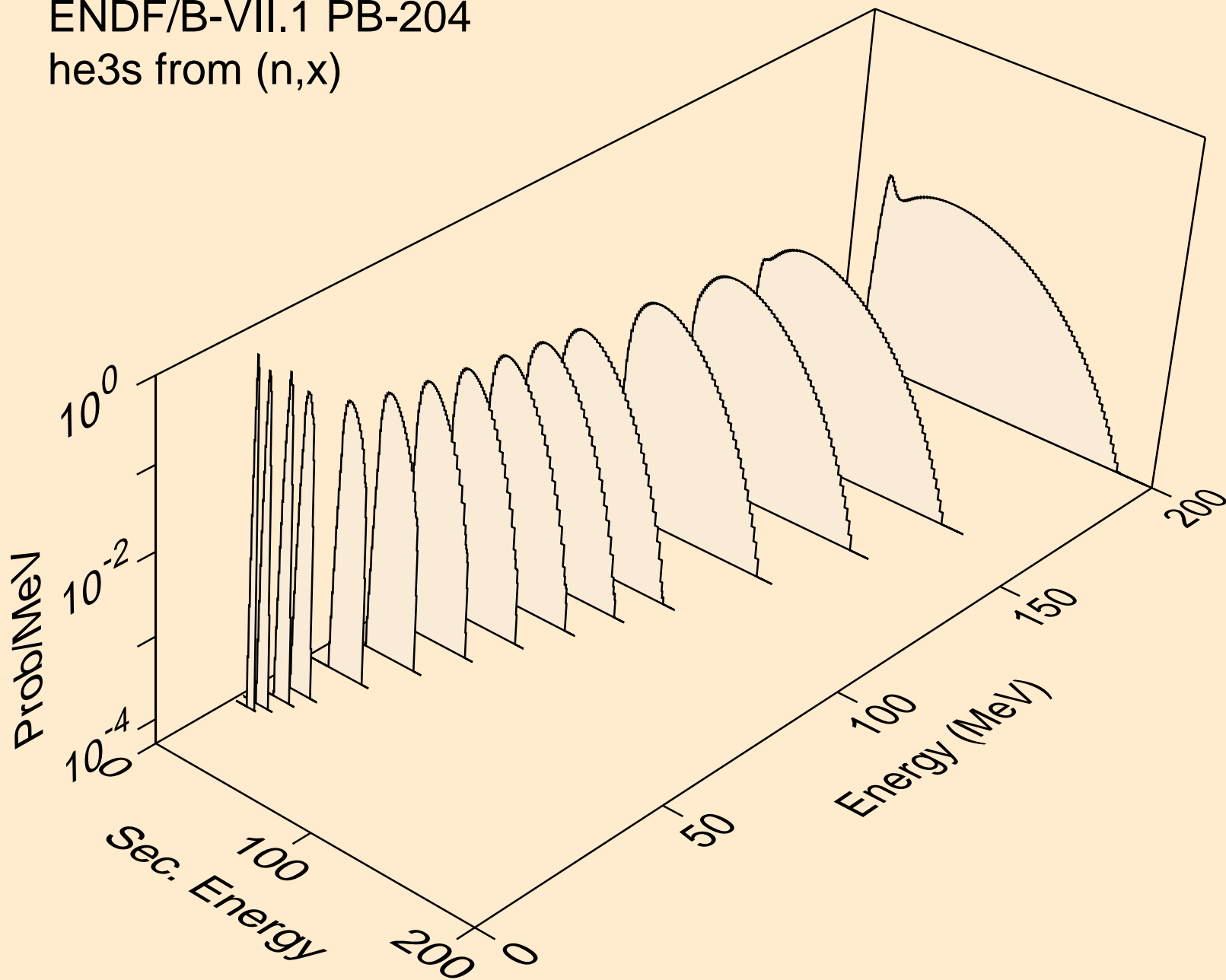
ENDF/B-VII.1 PB-204  
angular distribution for (n,t\*5) triton



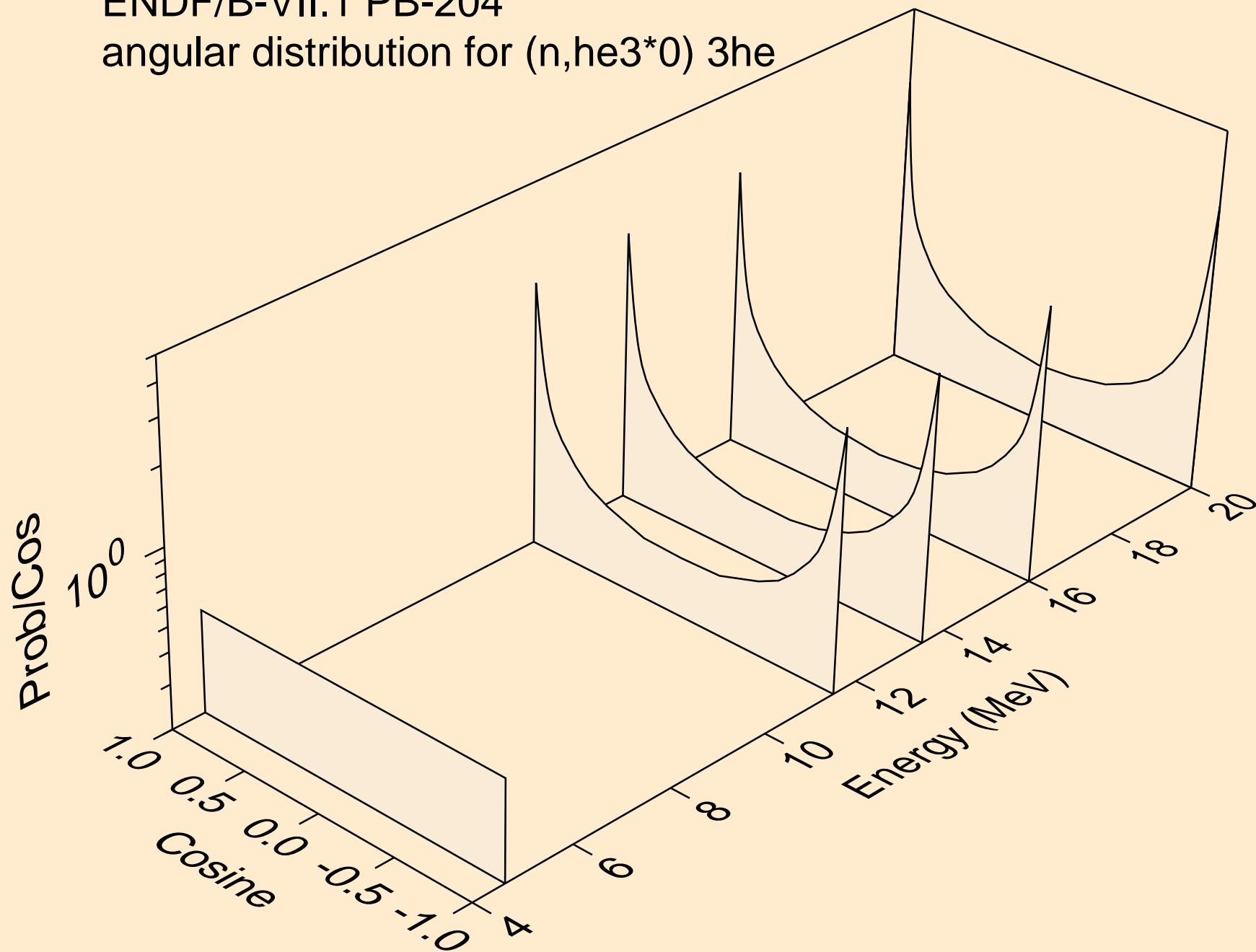
ENDF/B-VII.1 PB-204  
tritons from (n,t\*c)



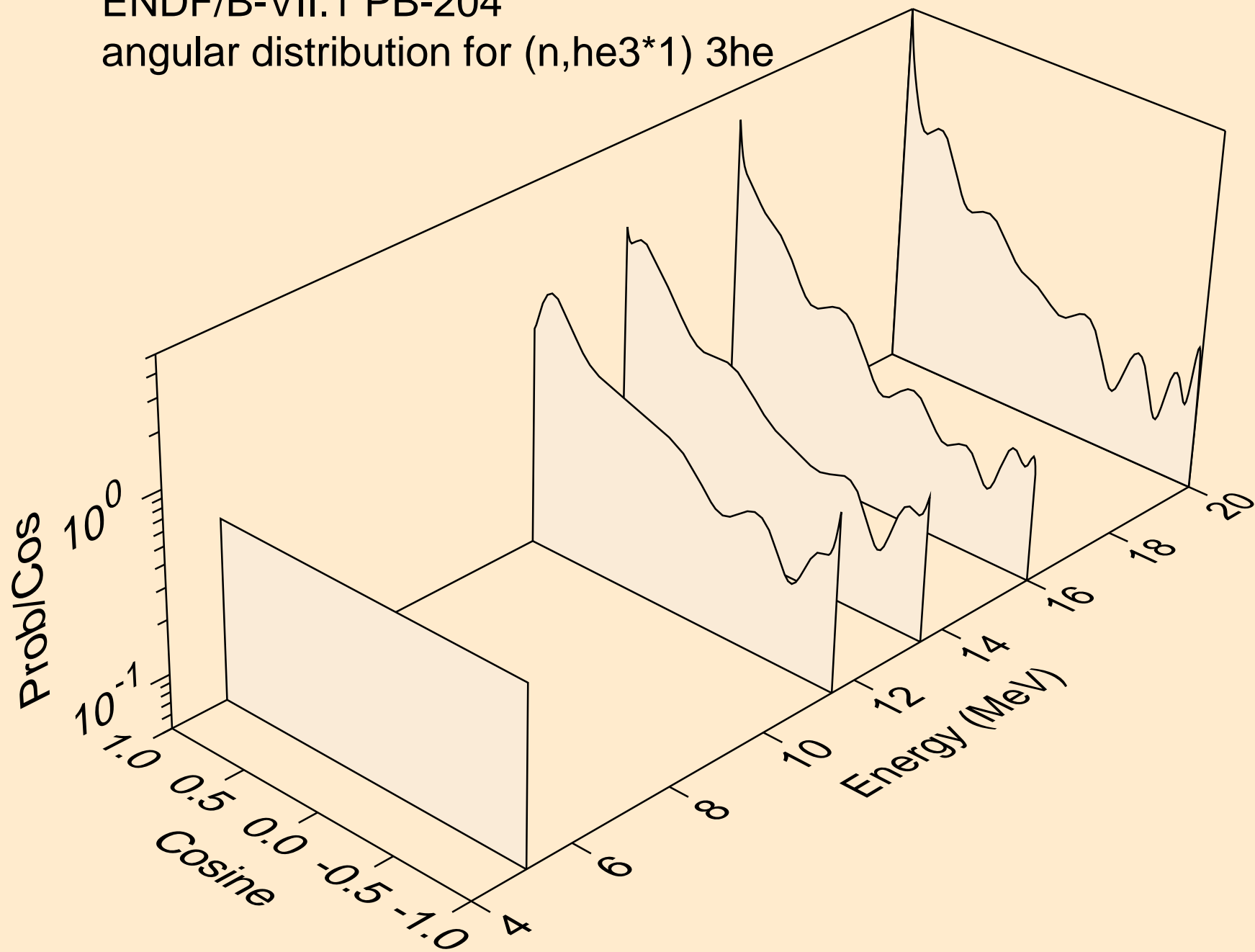
ENDF/B-VII.1 PB-204  
he3s from (n,x)



ENDF/B-VII.1 PB-204  
angular distribution for (n,he3\*0) 3he

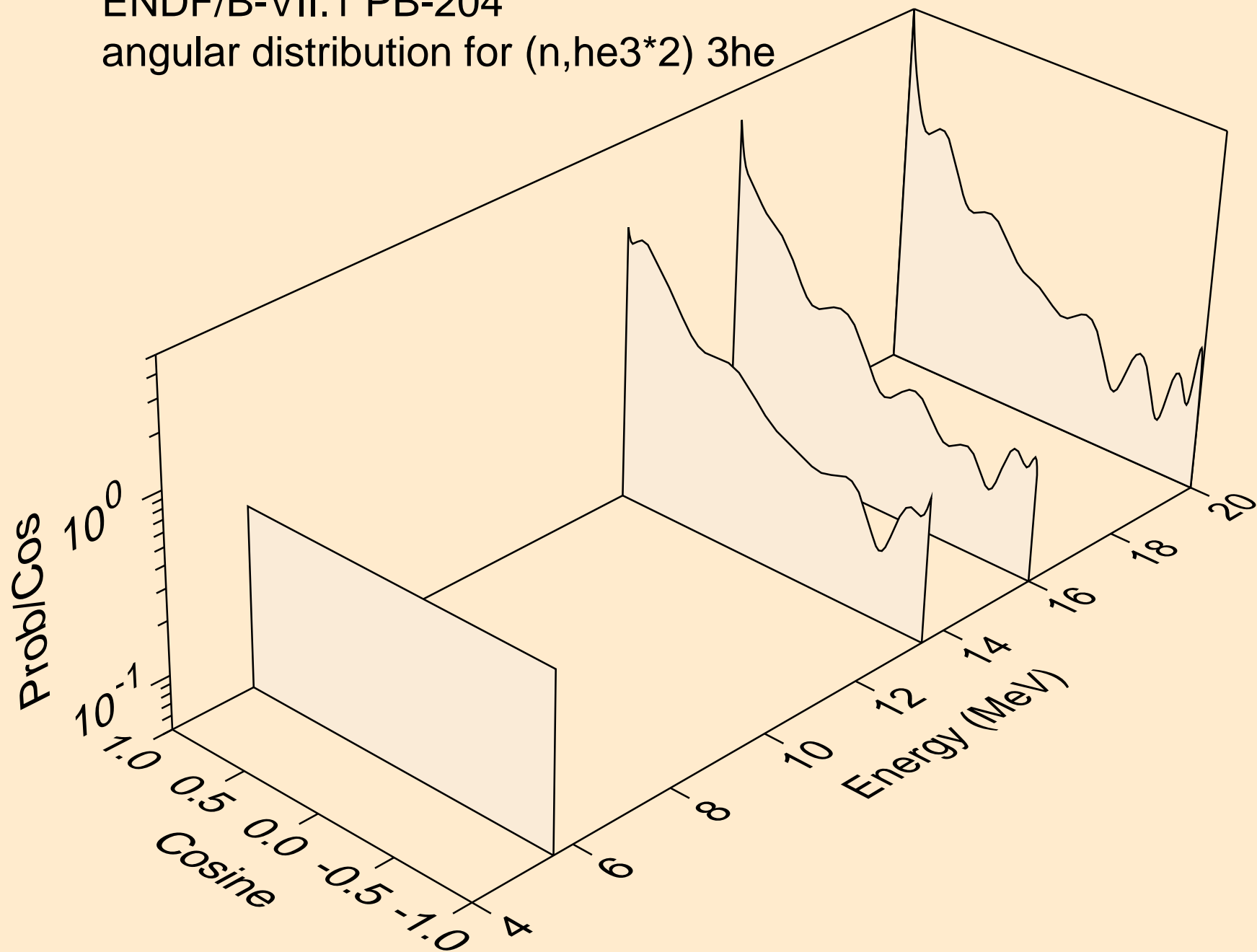


ENDF/B-VII.1 PB-204  
angular distribution for (n,he3\*1) 3he

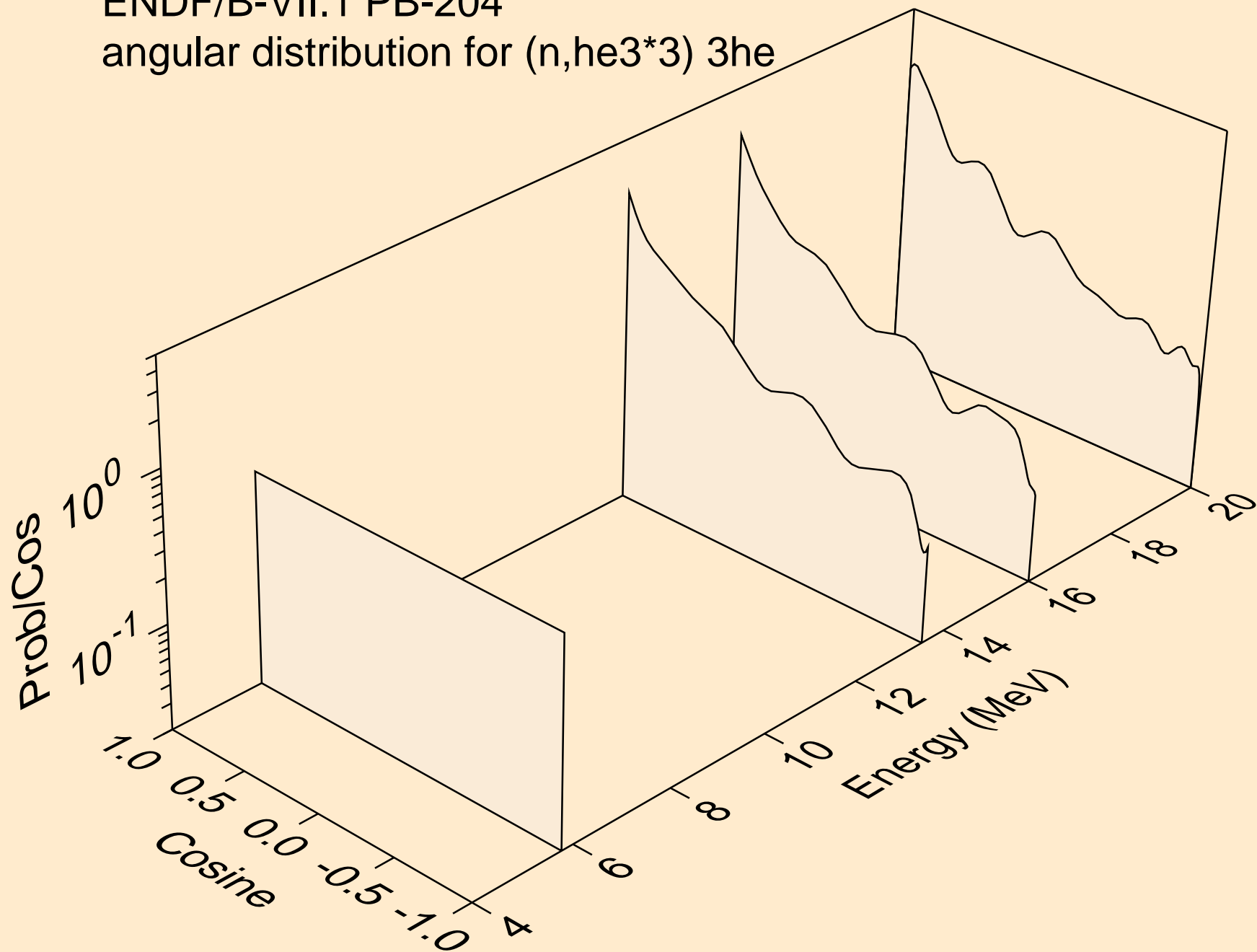




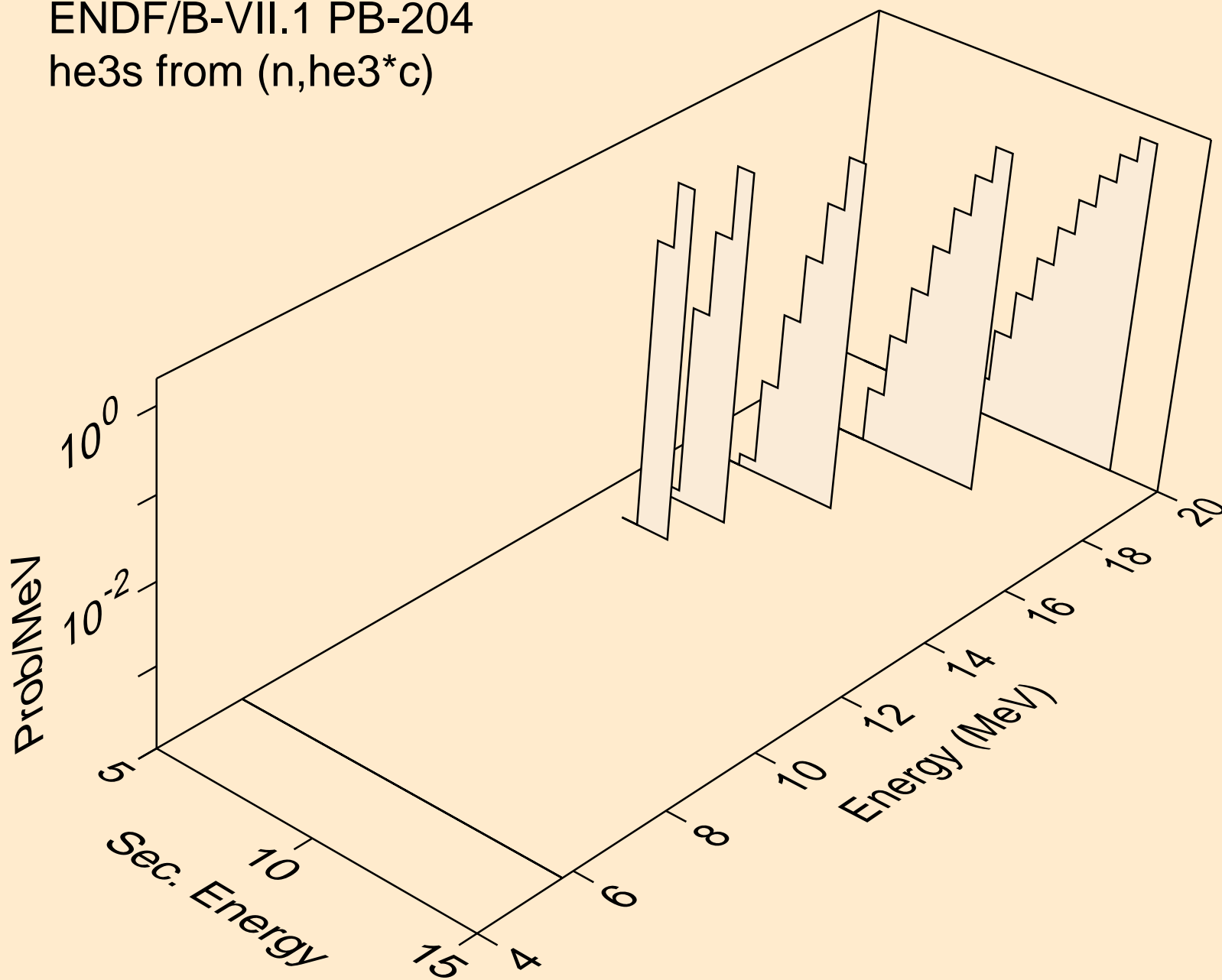
ENDF/B-VII.1 PB-204  
angular distribution for (n,he3\*2) 3he



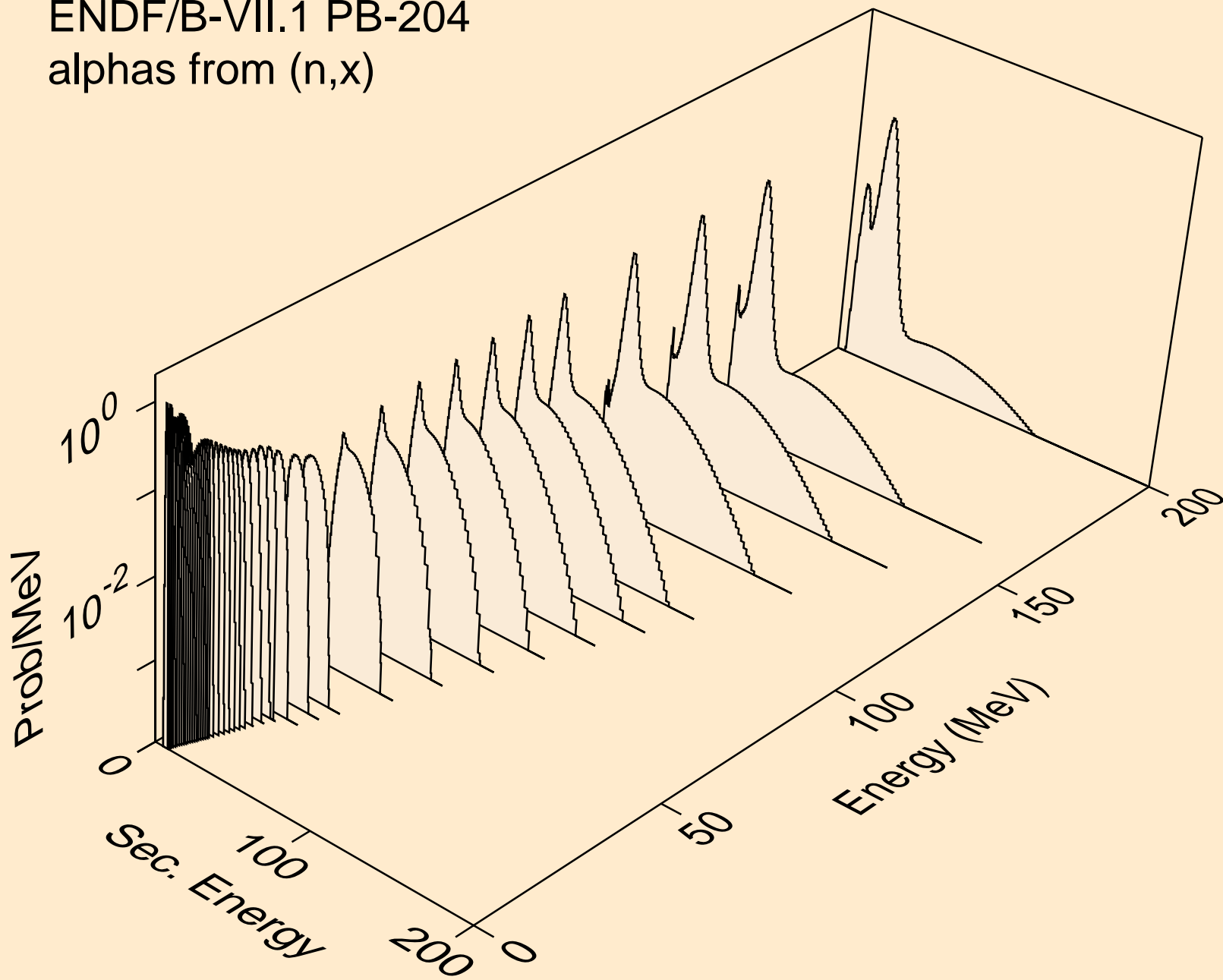
ENDF/B-VII.1 PB-204  
angular distribution for (n,he3\*3) 3he



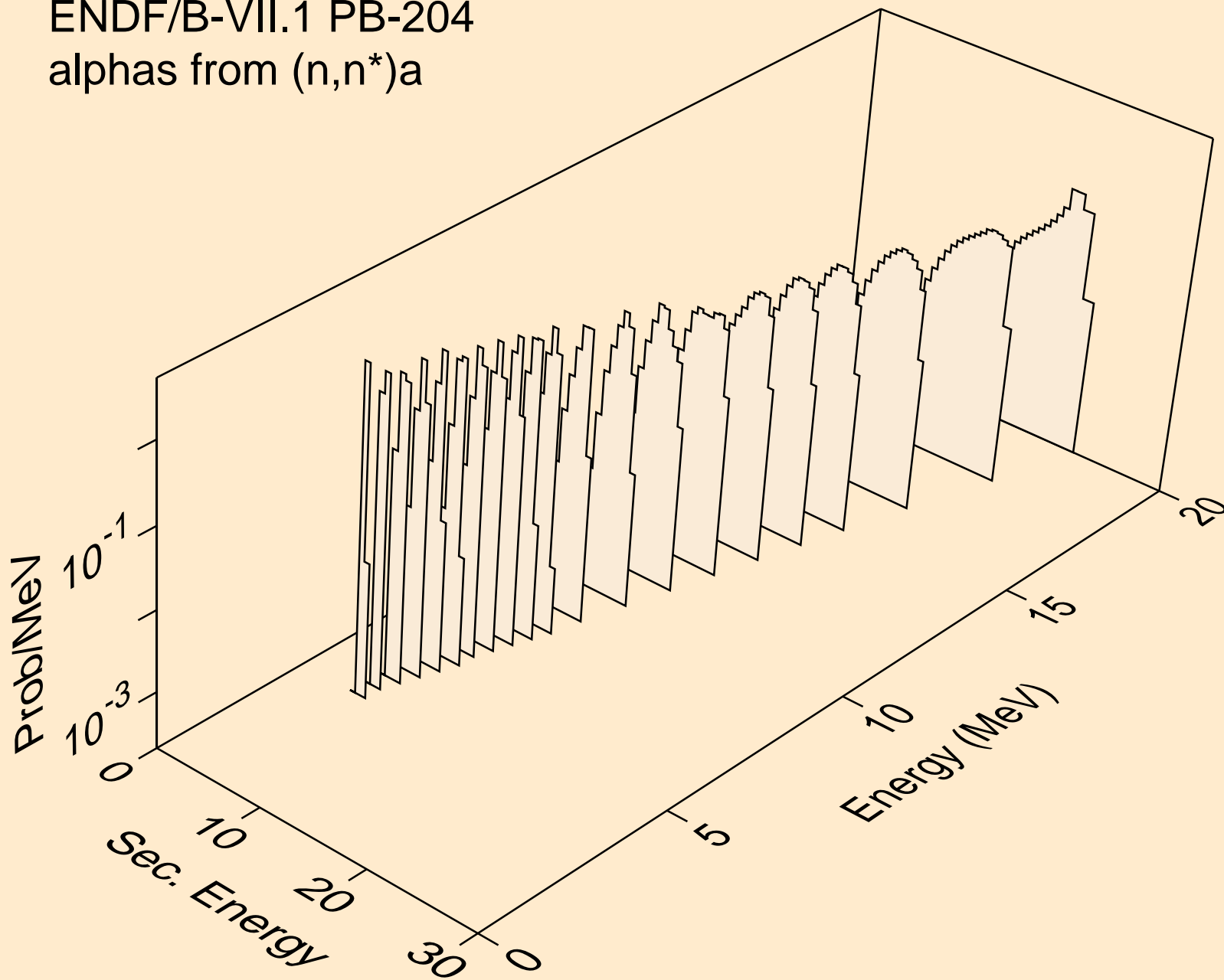
ENDF/B-VII.1 PB-204  
he3s from (n,he3\*c)



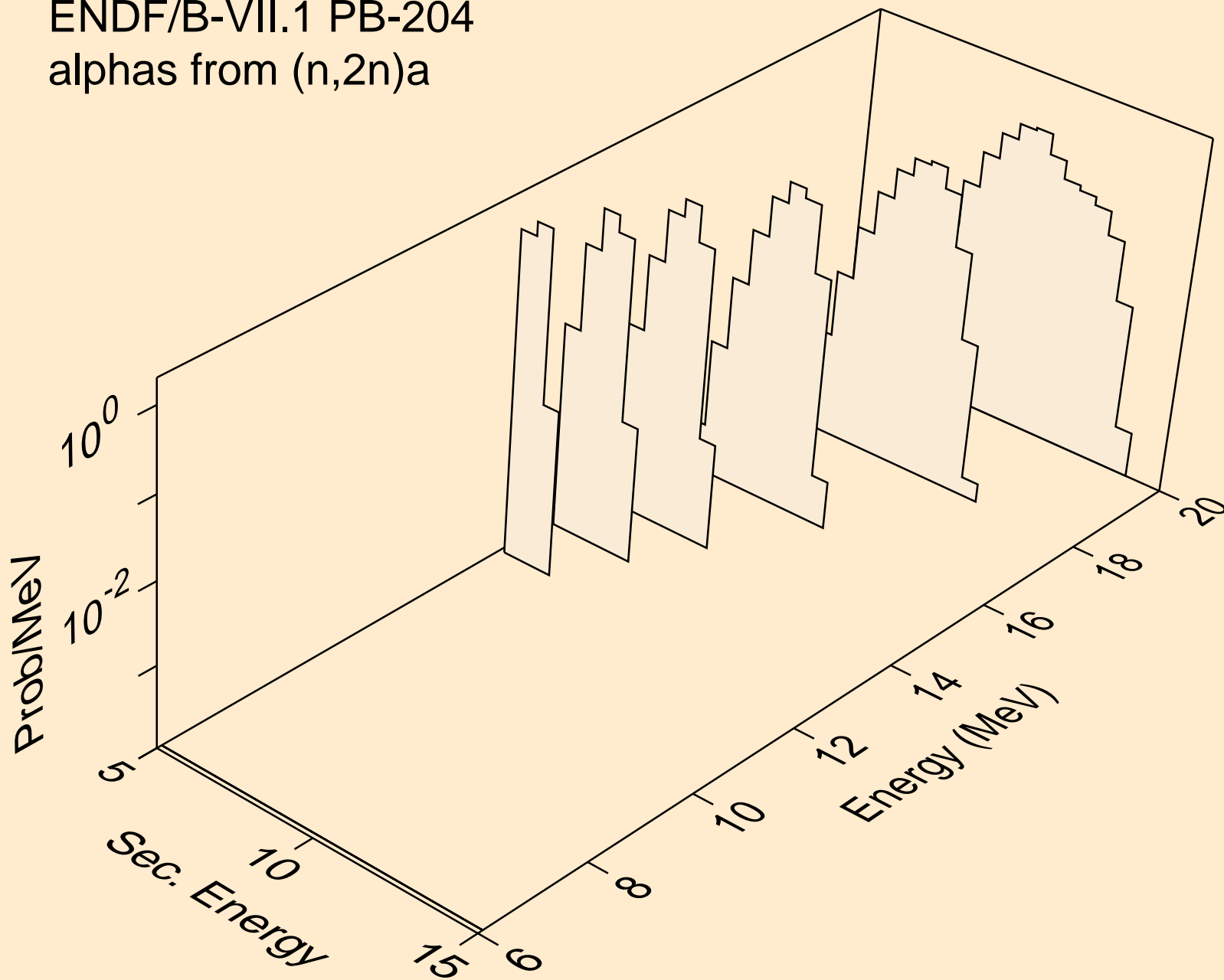
ENDF/B-VII.1 PB-204  
alphas from (n,x)



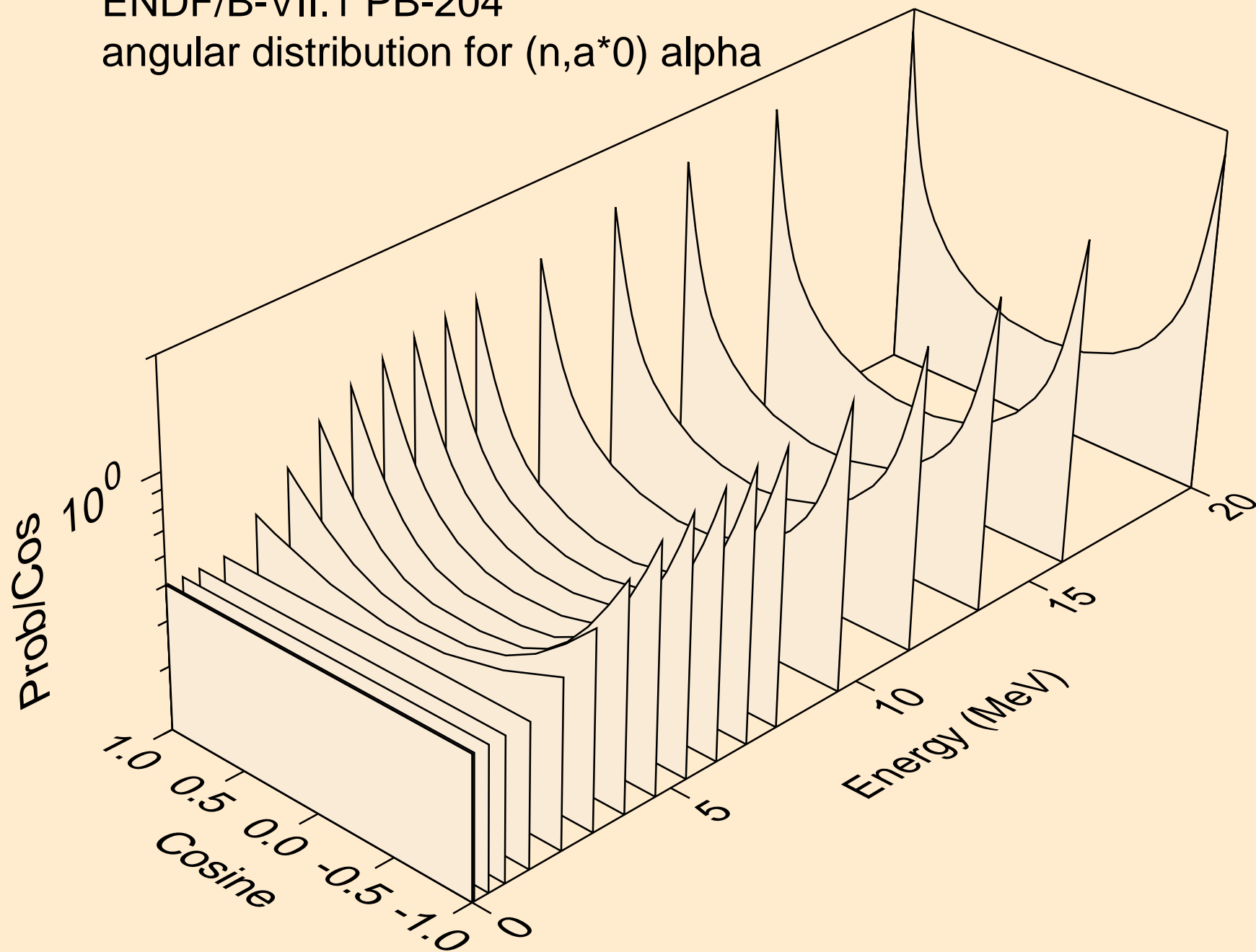
ENDF/B-VII.1 PB-204  
alphas from (n,n\*)a



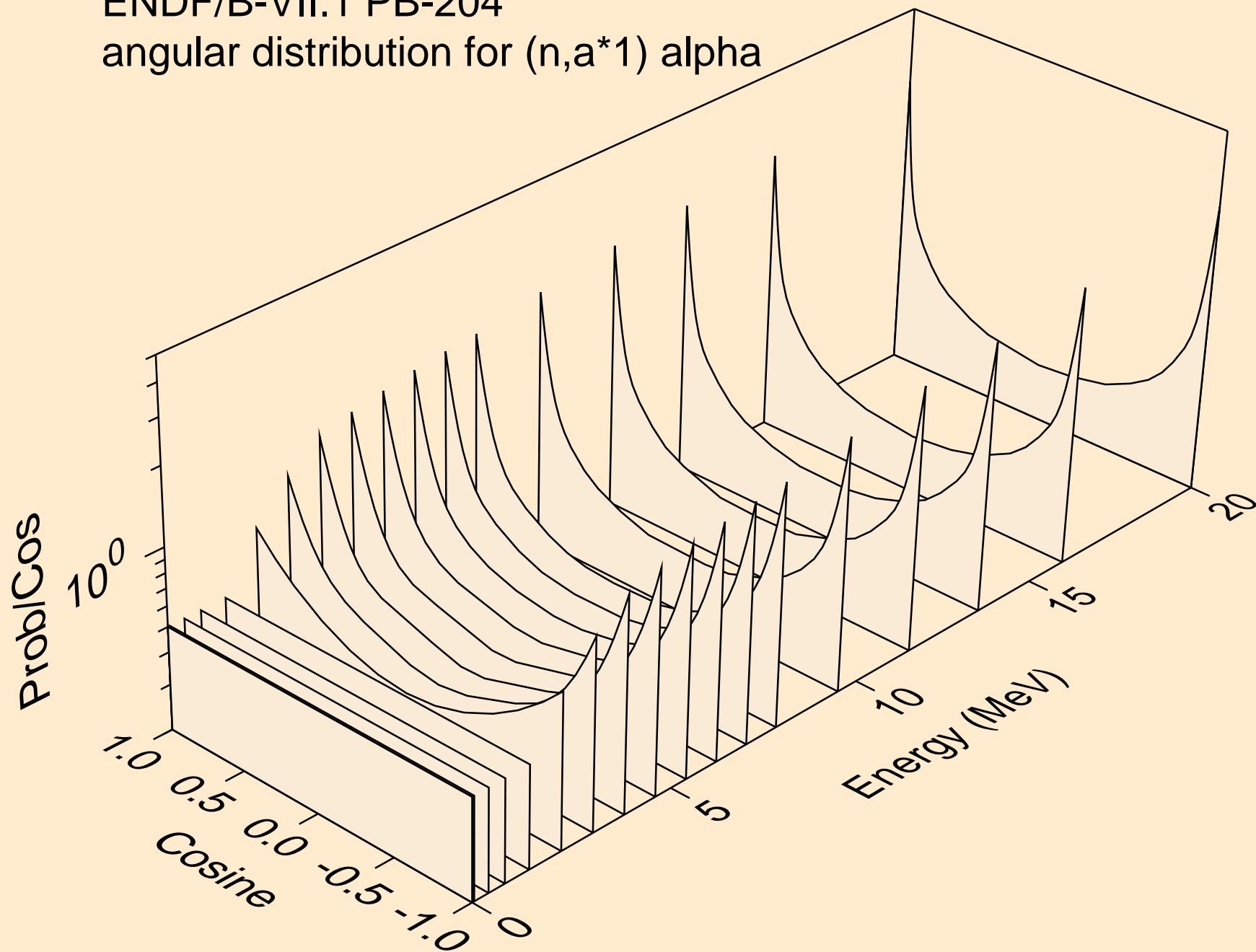
ENDF/B-VII.1 PB-204  
alphas from (n,2n)a



ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ ) alpha

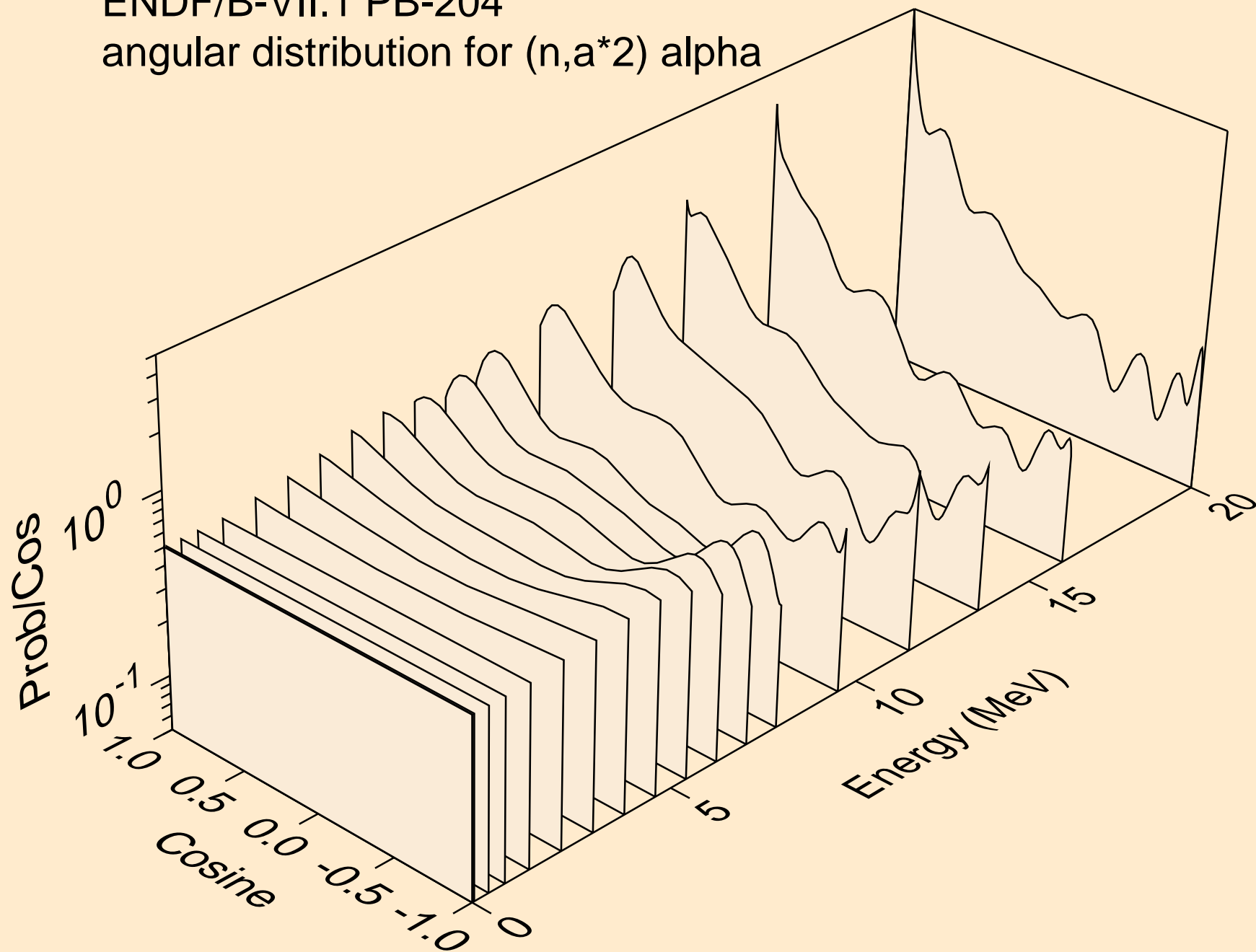


ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ \*1) alpha

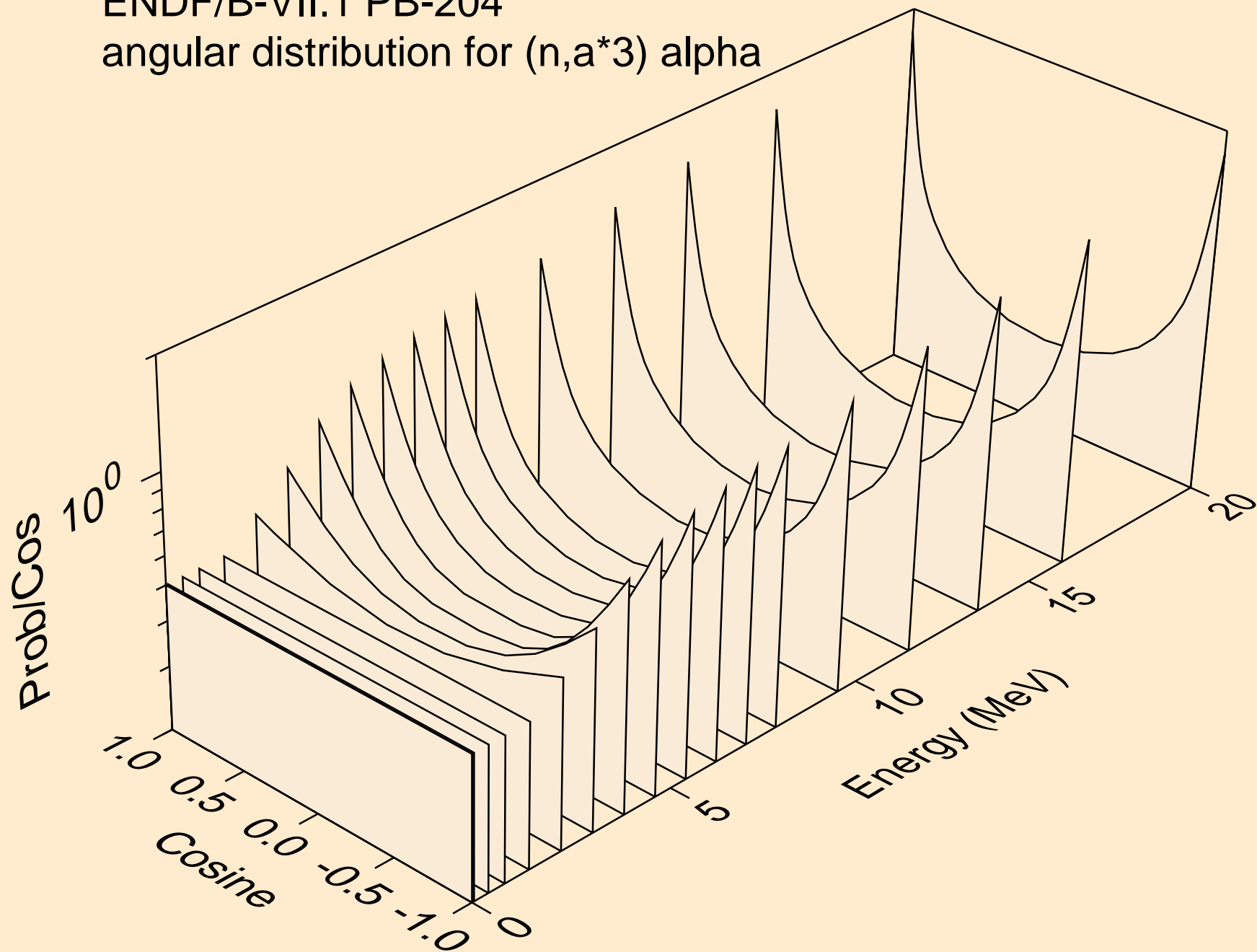




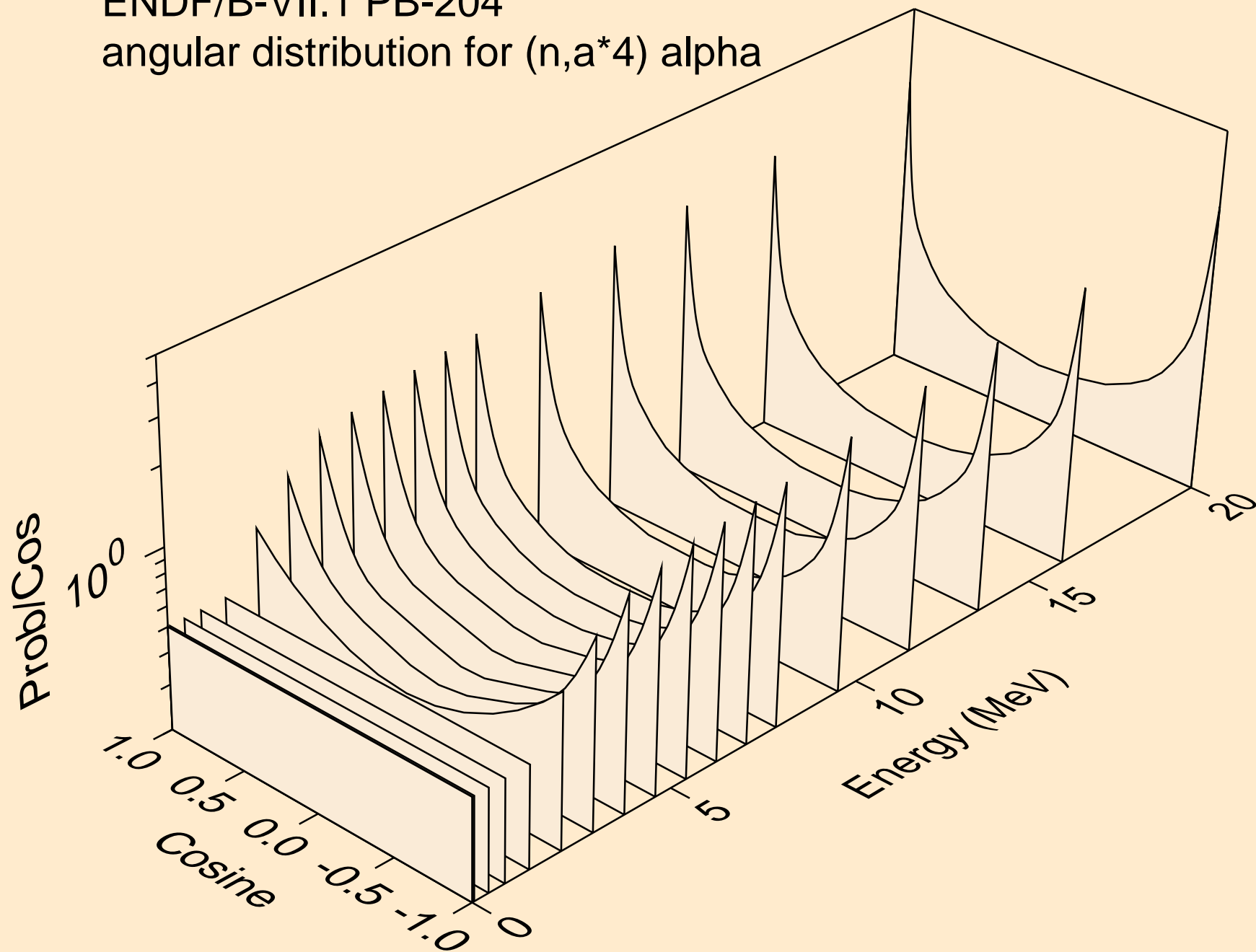
ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ ) alpha



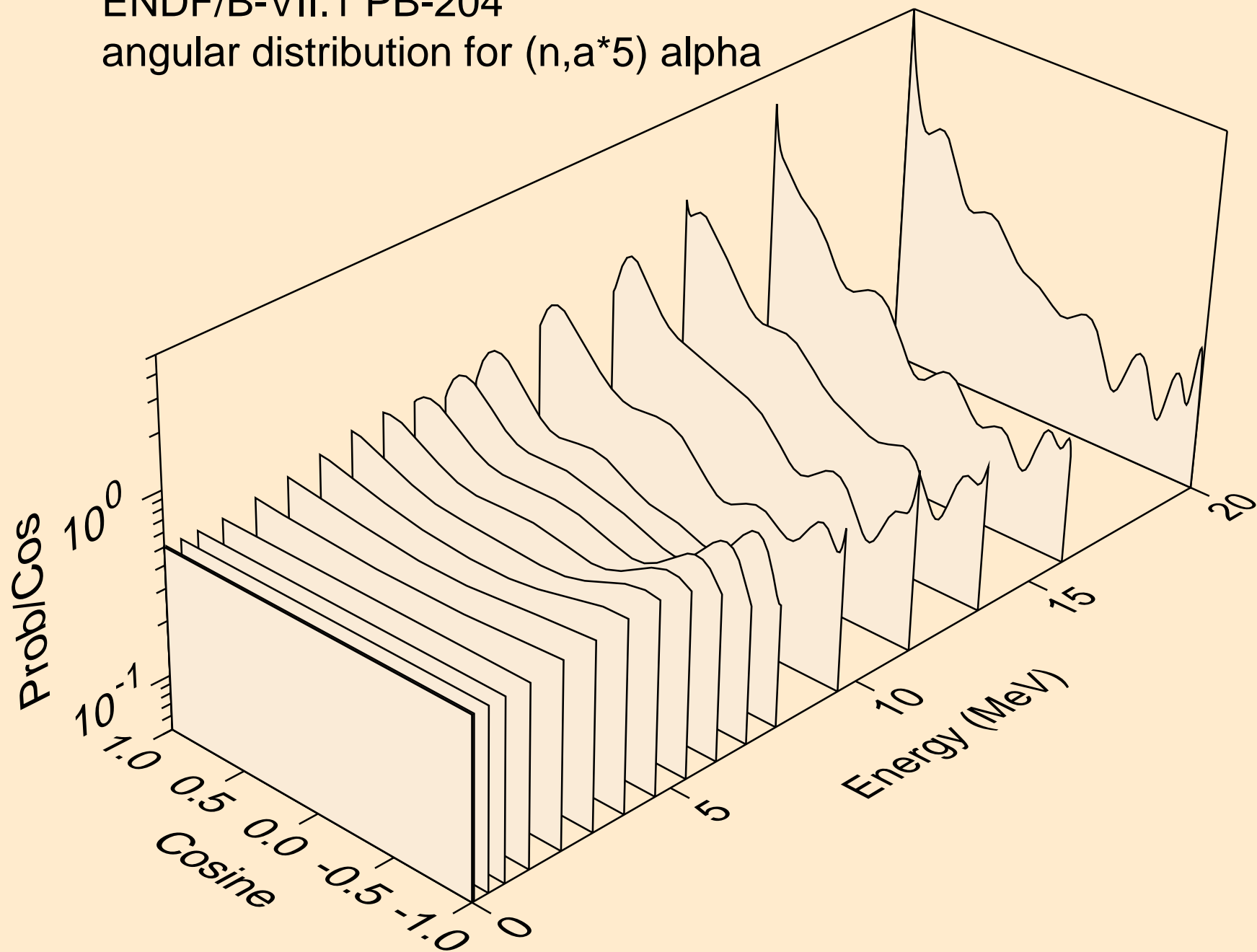
ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha^3$ ) alpha



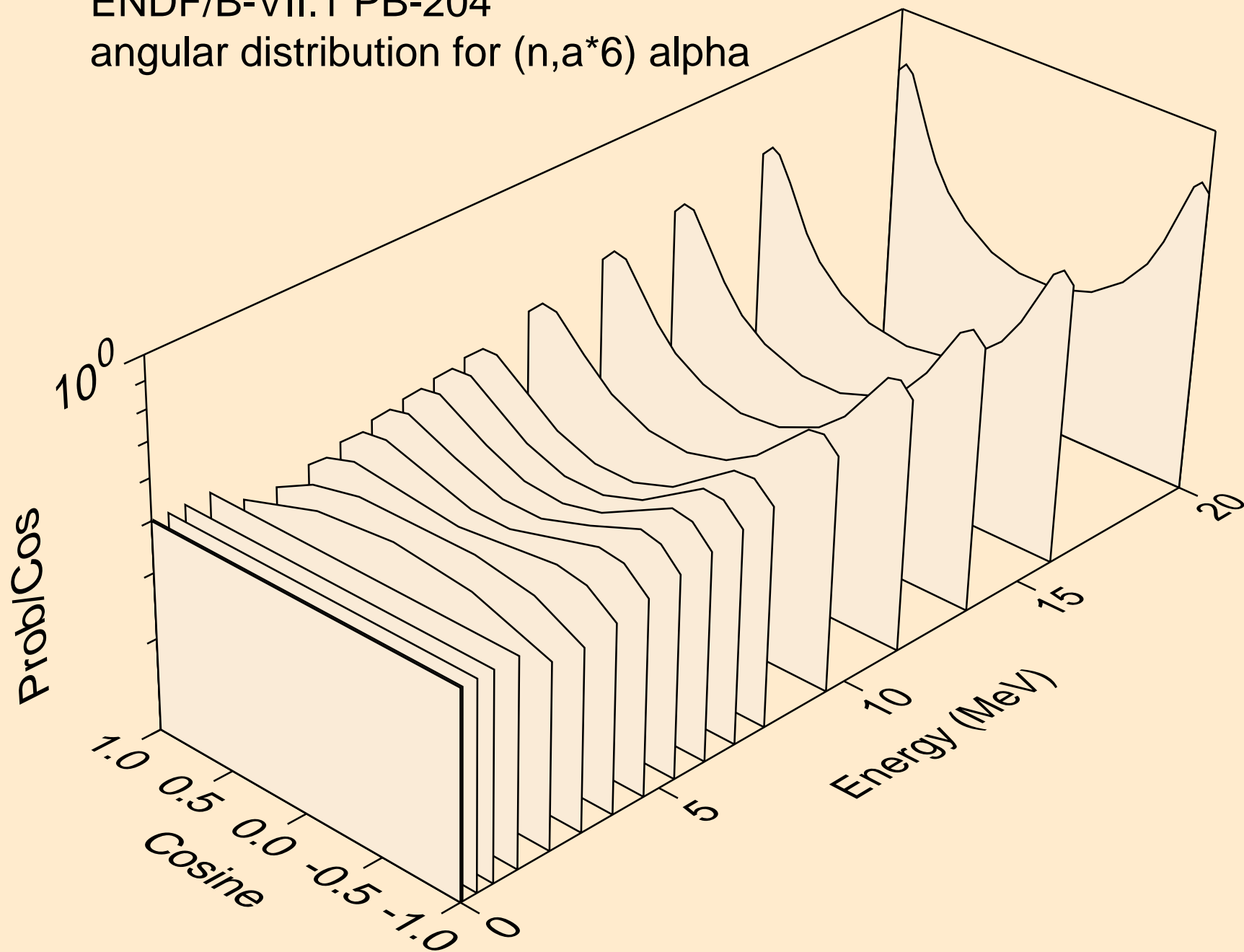
ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ ) alpha



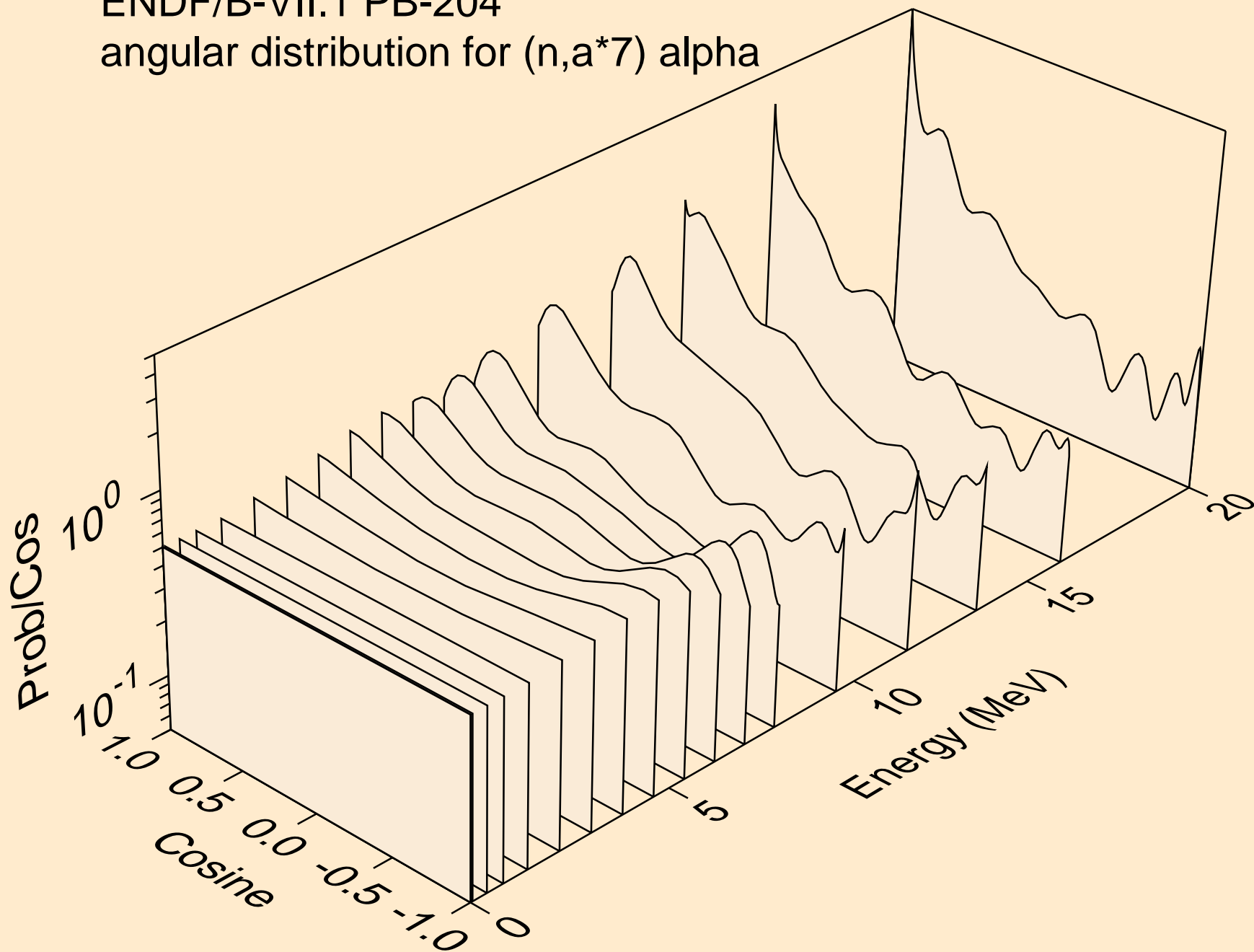
ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ ) alpha



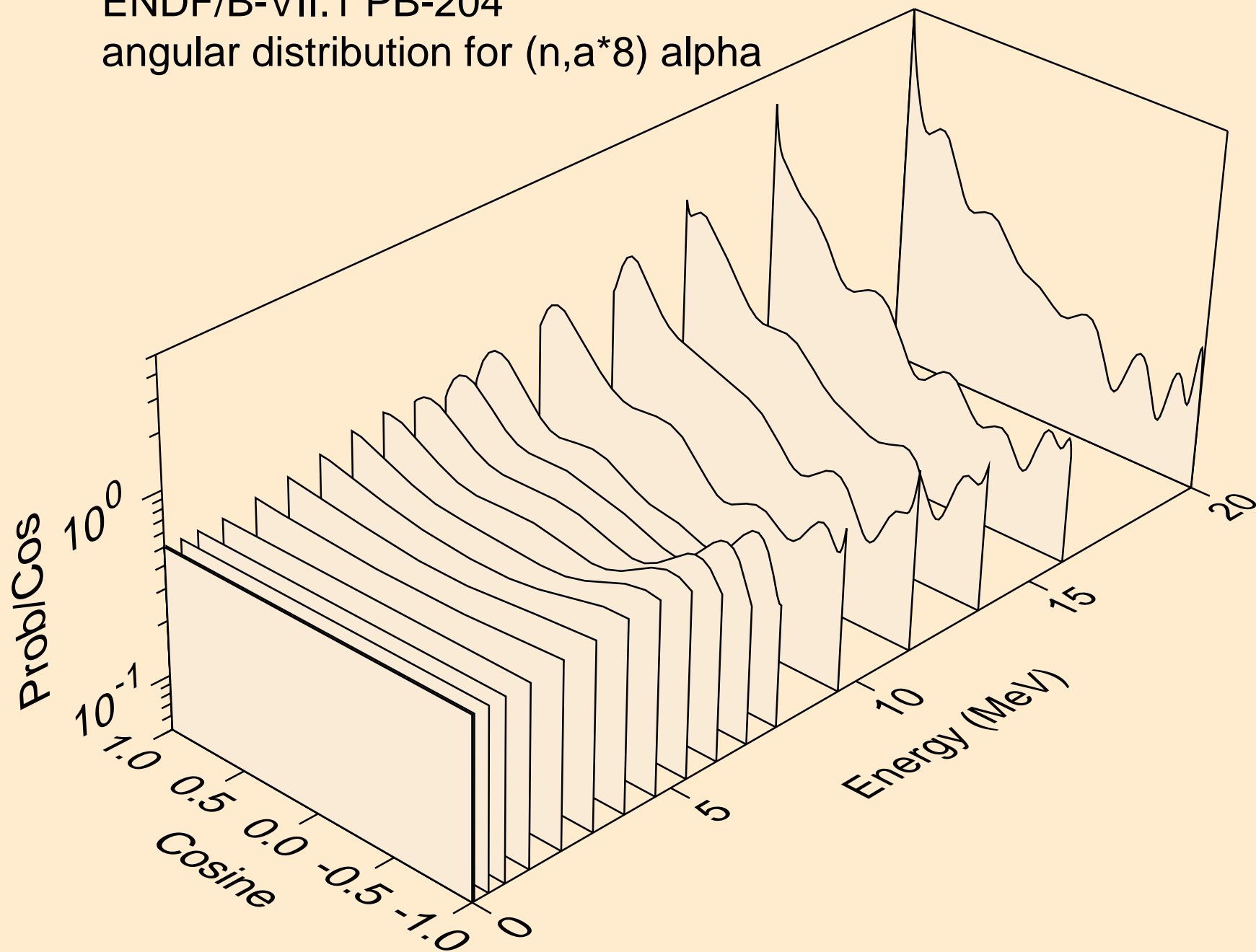
ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ ) alpha



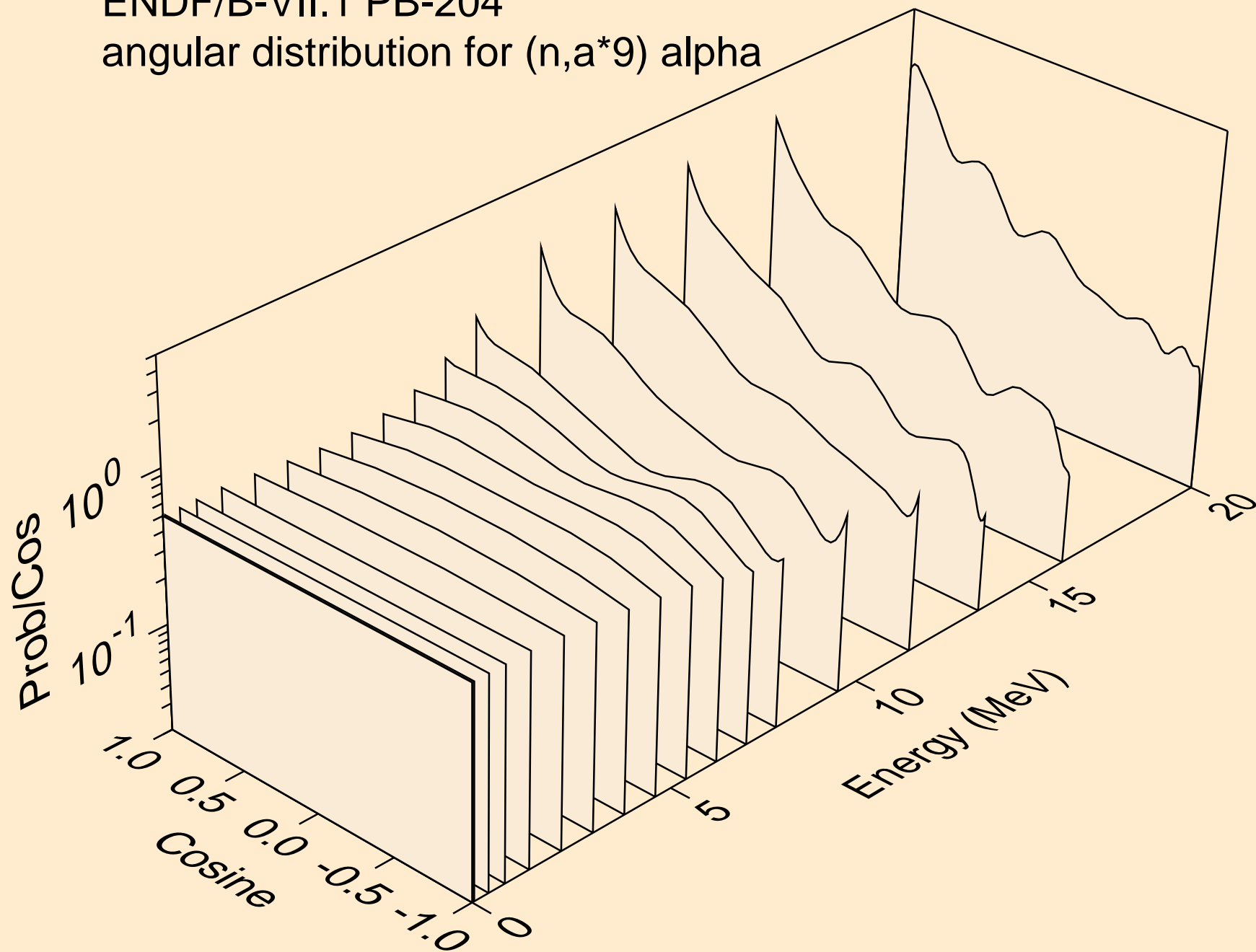
ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ \*7) alpha



ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ \*8) alpha

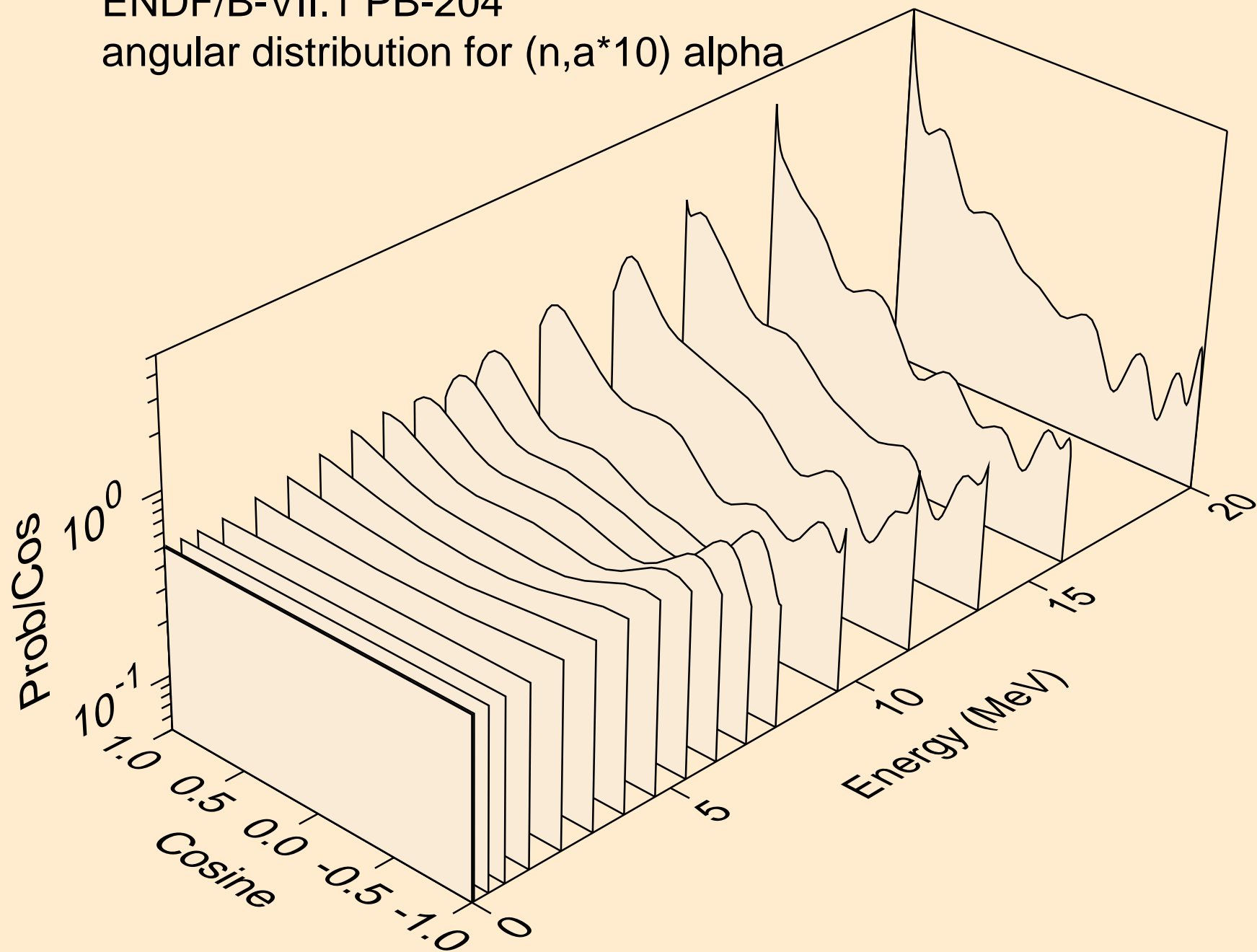


ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ ) alpha





ENDF/B-VII.1 PB-204  
angular distribution for (n, $\alpha$ \*10) alpha



ENDF/B-VII.1 PB-204  
alphas from (n,a\*c)

