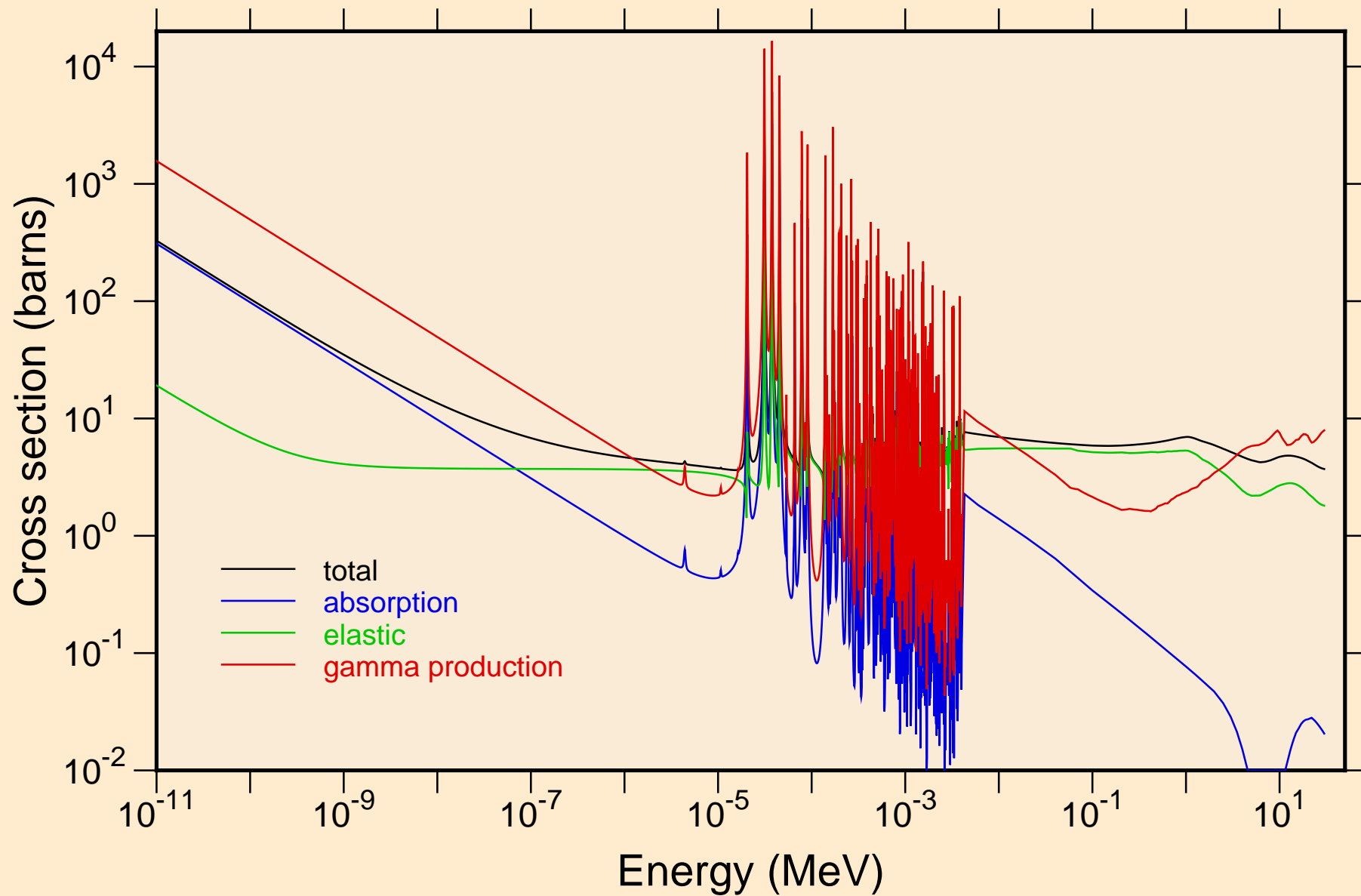
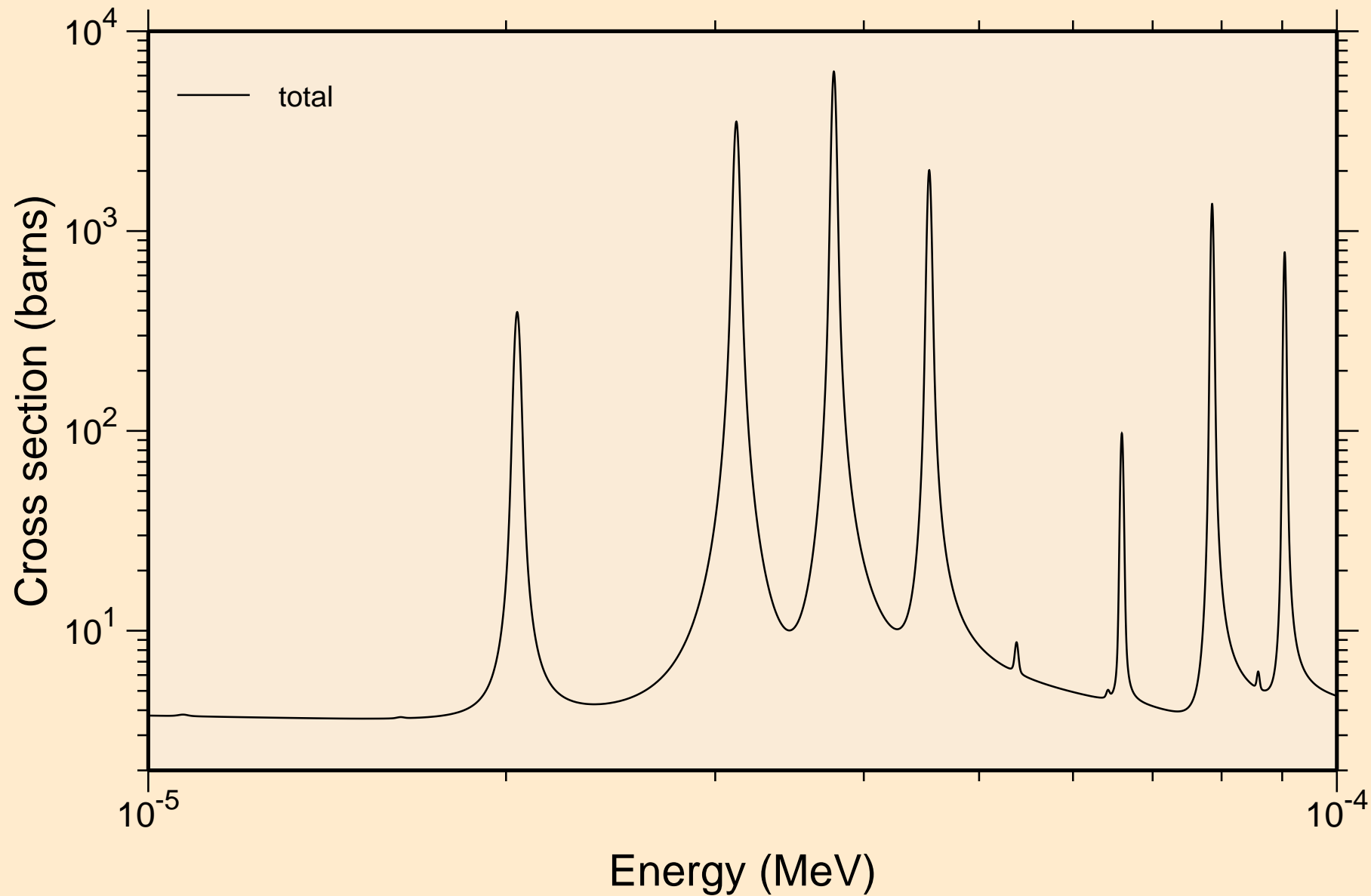


# ENDF/B-VII.1 I-127

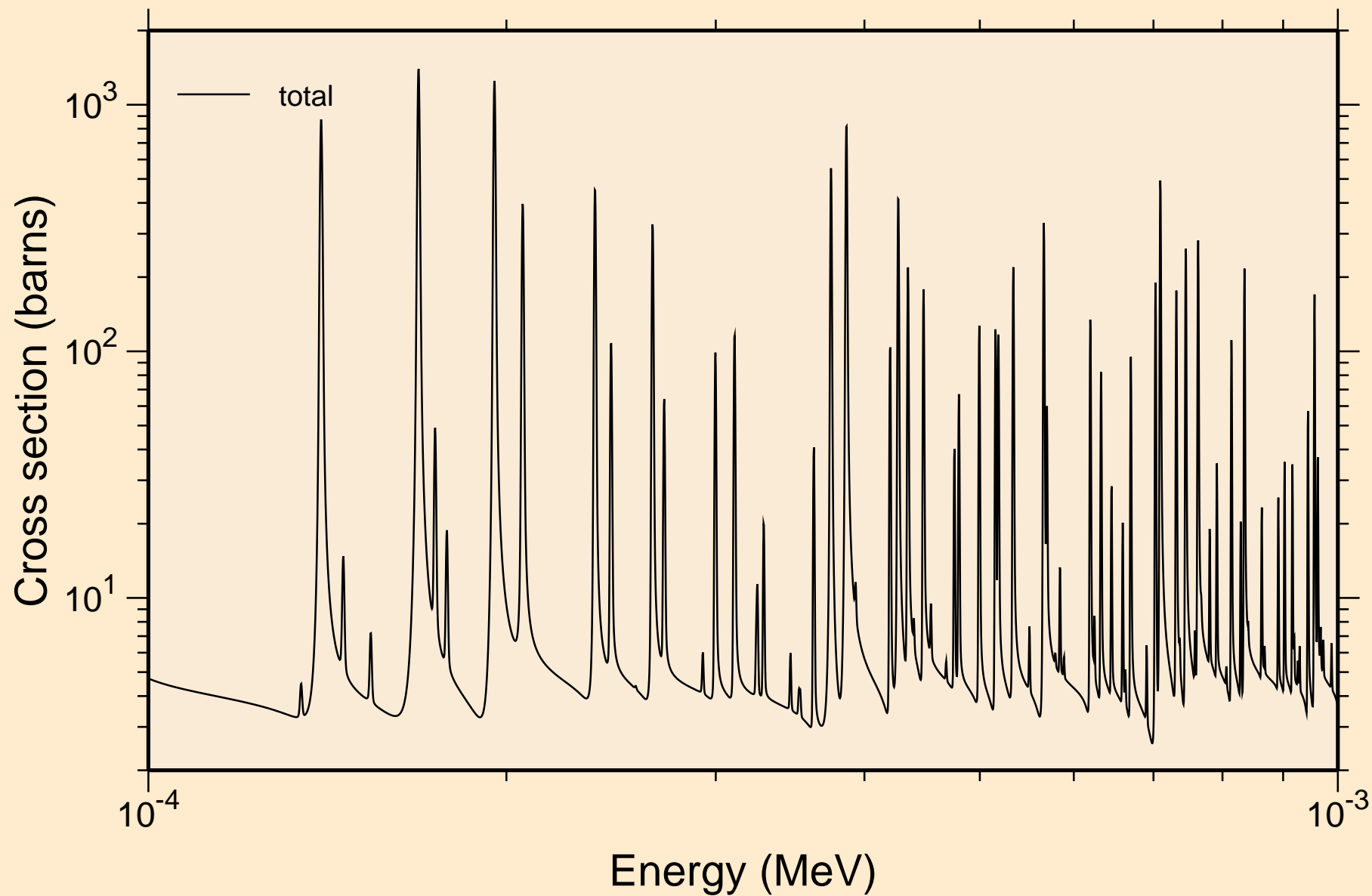
## Principal cross sections



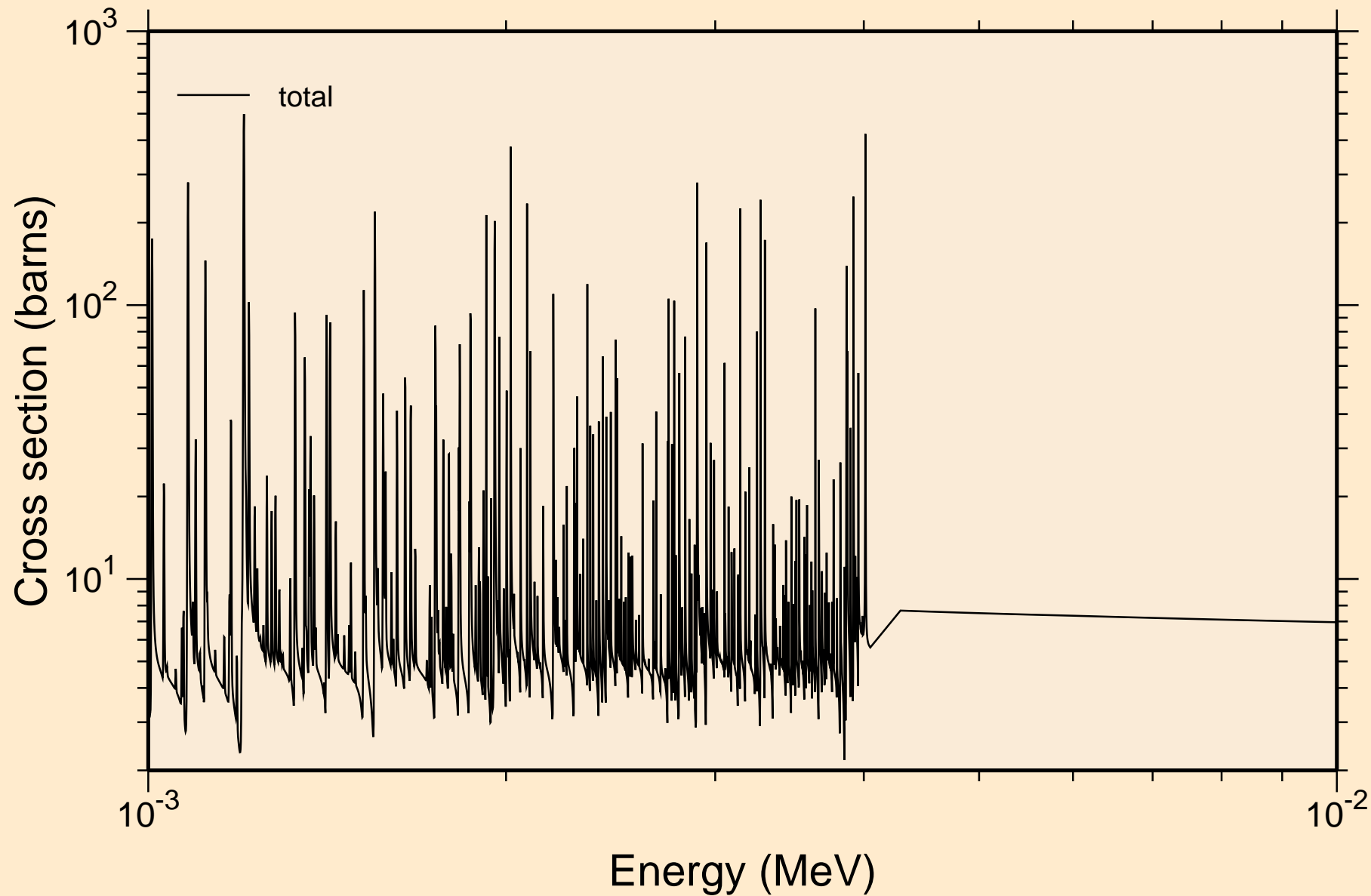
ENDF/B-VII.1 I-127  
resonance total cross section



ENDF/B-VII.1 I-127  
resonance total cross section

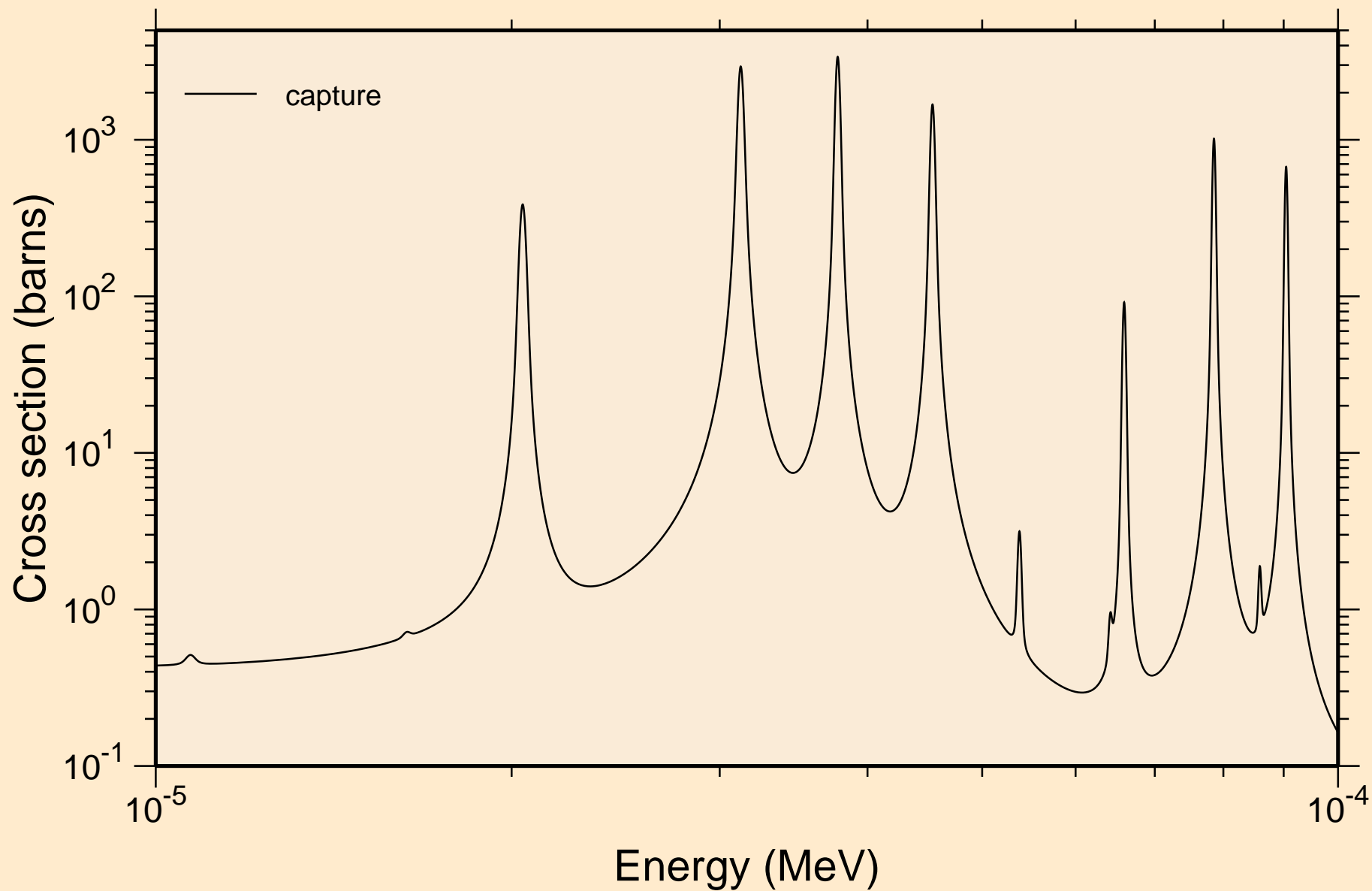


ENDF/B-VII.1 I-127  
resonance total cross section



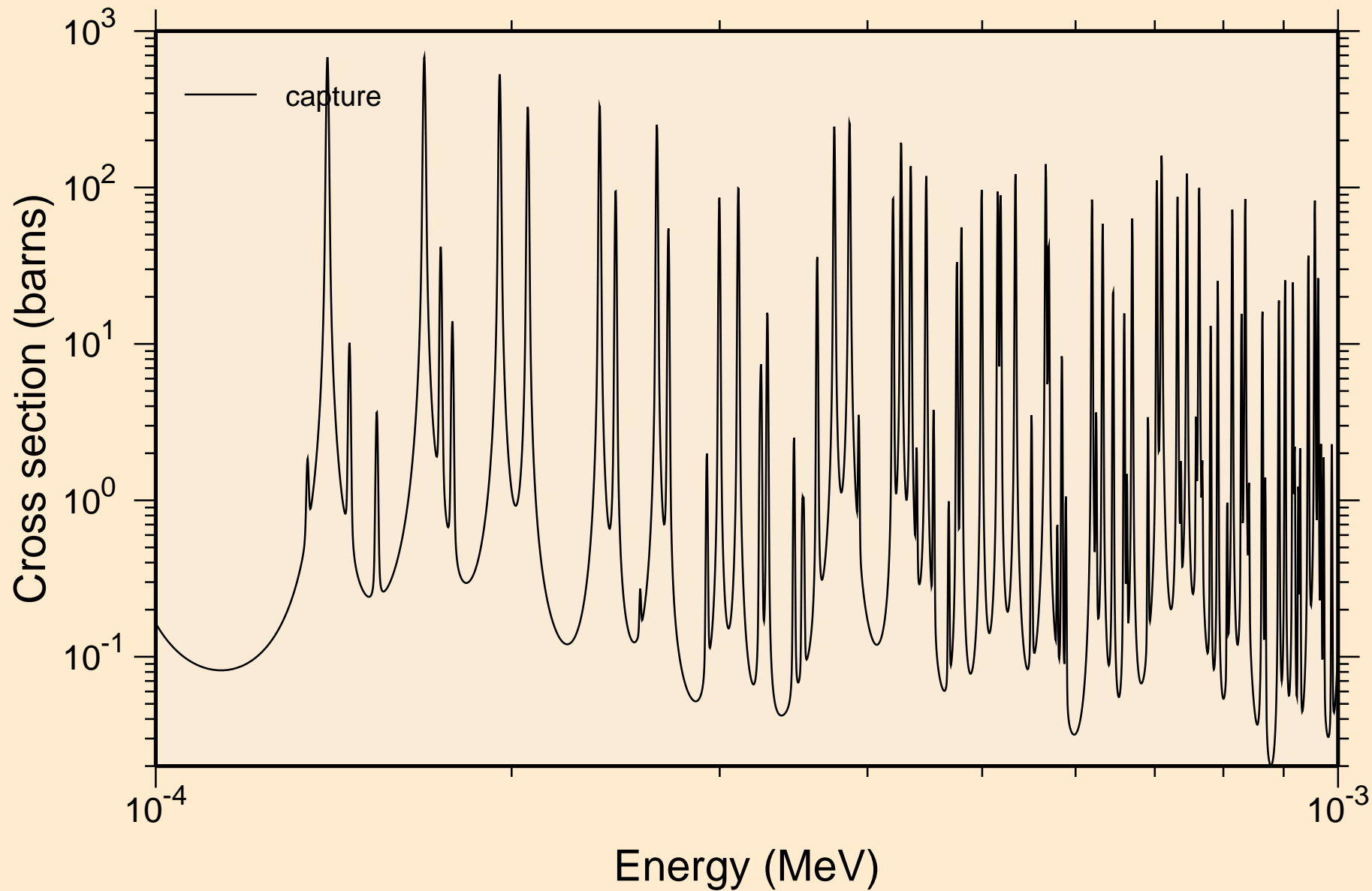
# ENDF/B-VII.1 I-127

## resonance absorption cross sections

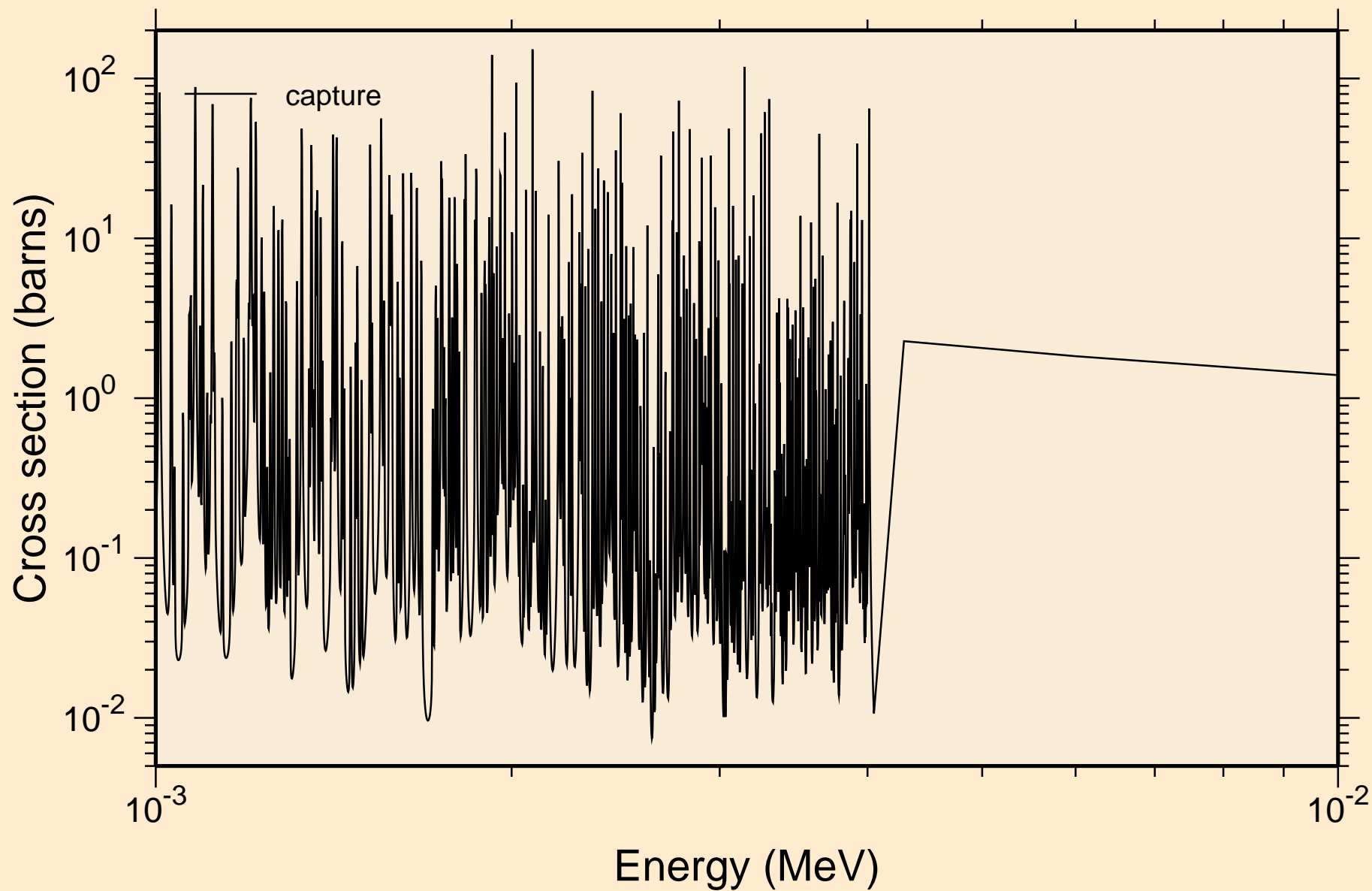


# ENDF/B-VII.1 I-127

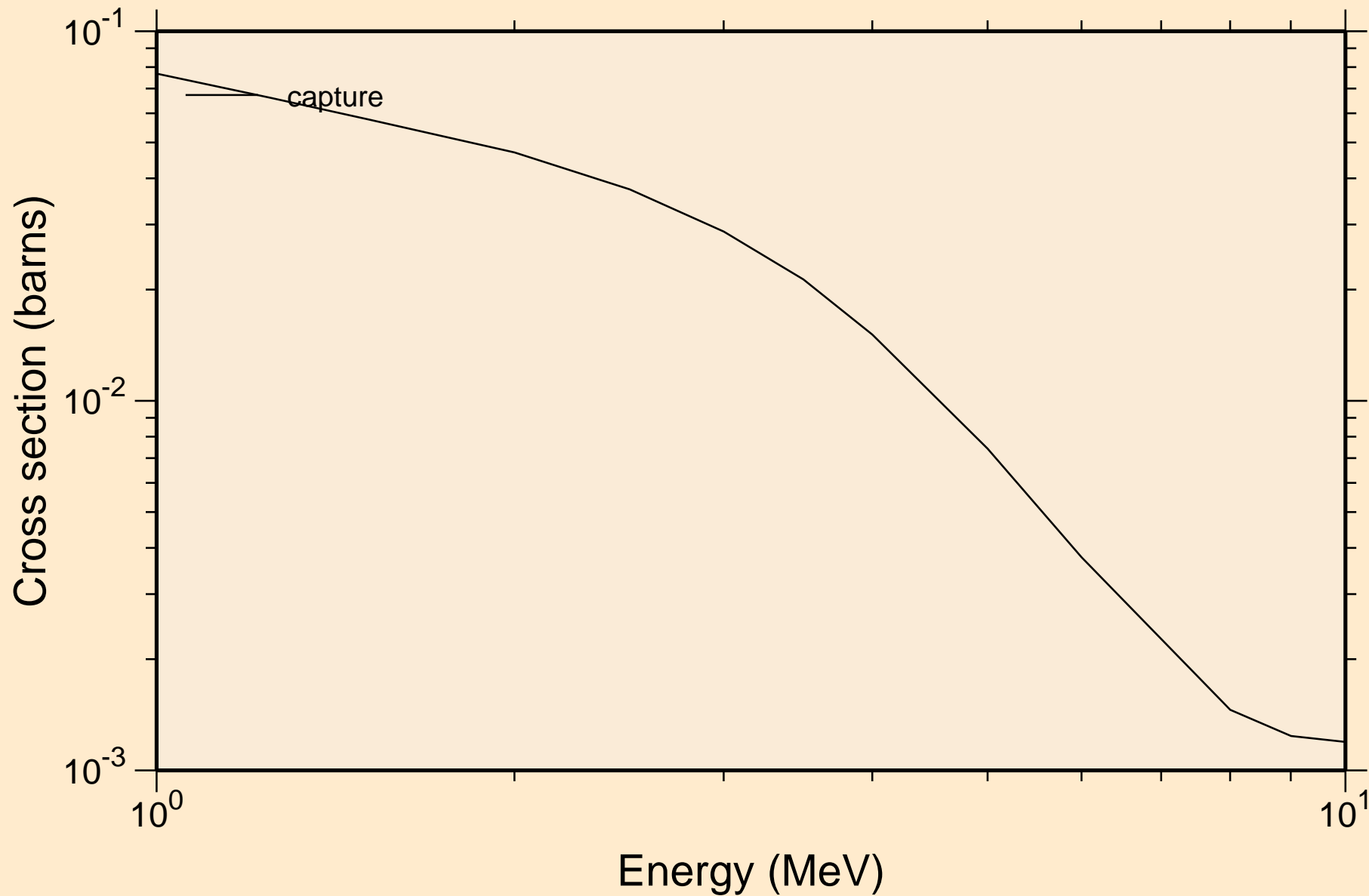
## resonance absorption cross sections



ENDF/B-VII.1 I-127  
resonance absorption cross sections



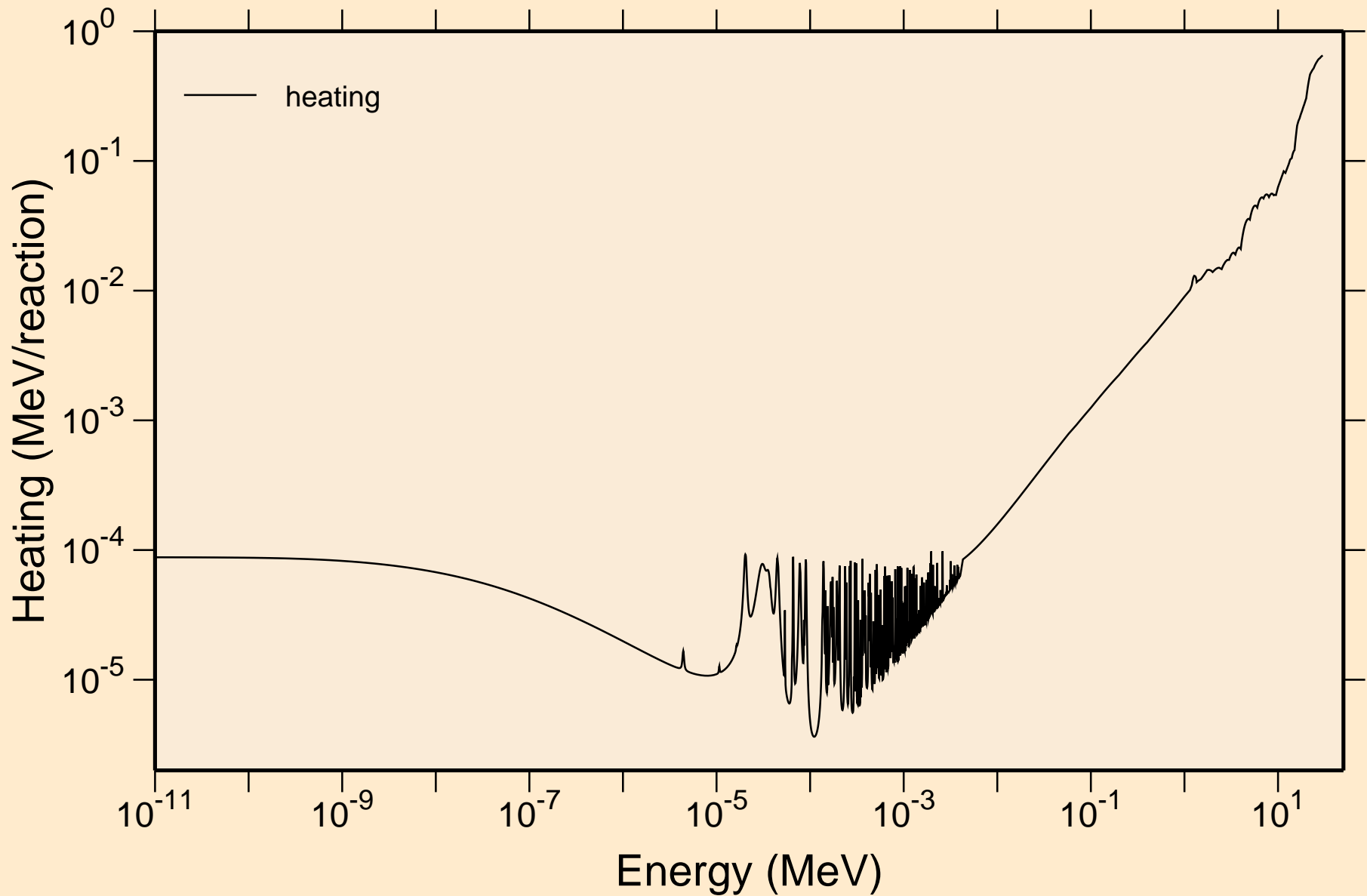
ENDF/B-VII.1 I-127  
resonance absorption cross sections





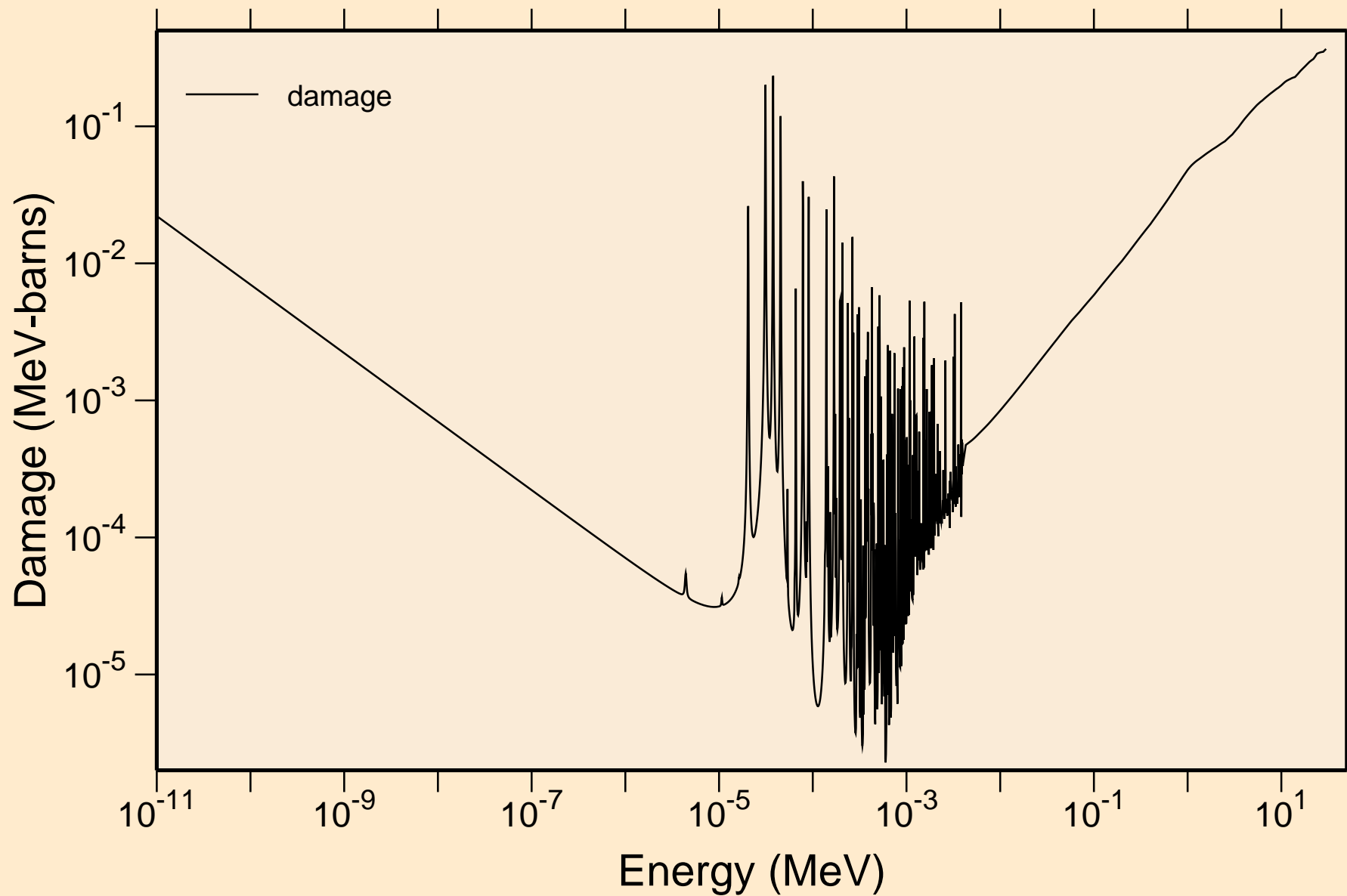
# ENDF/B-VII.1 I-127

## Heating



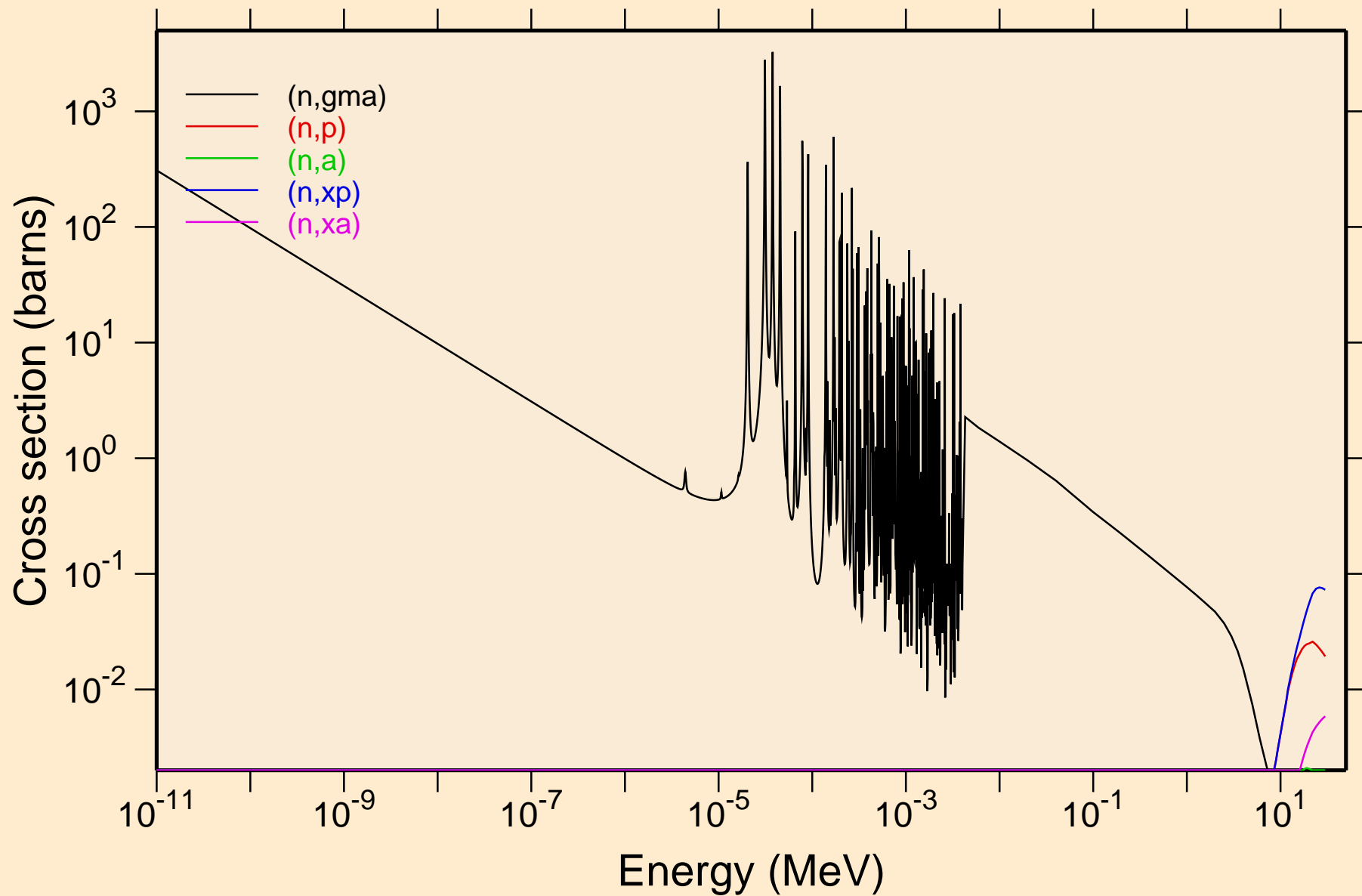
# ENDF/B-VII.1 I-127

## Damage



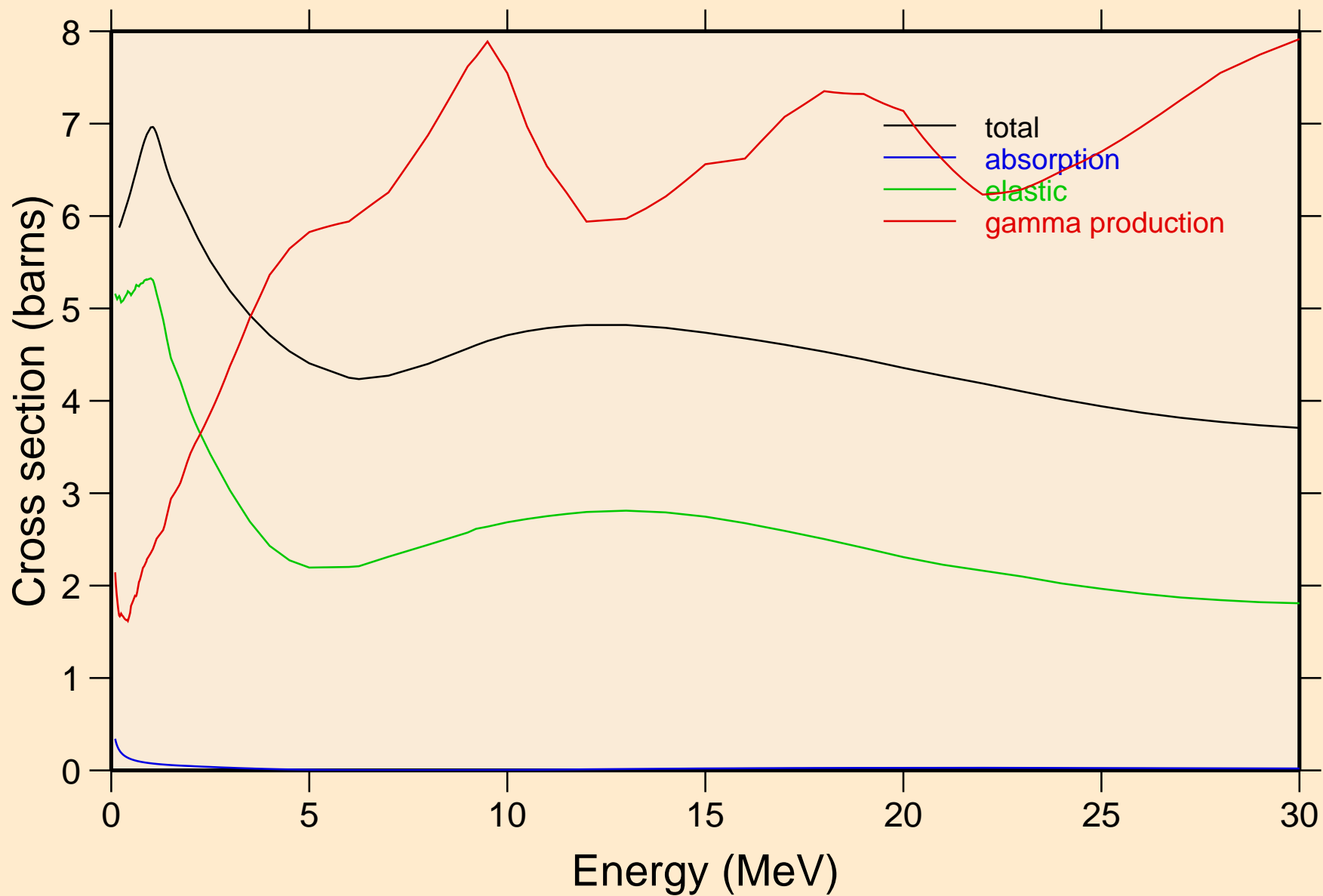
# ENDF/B-VII.1 I-127

## Non-threshold reactions



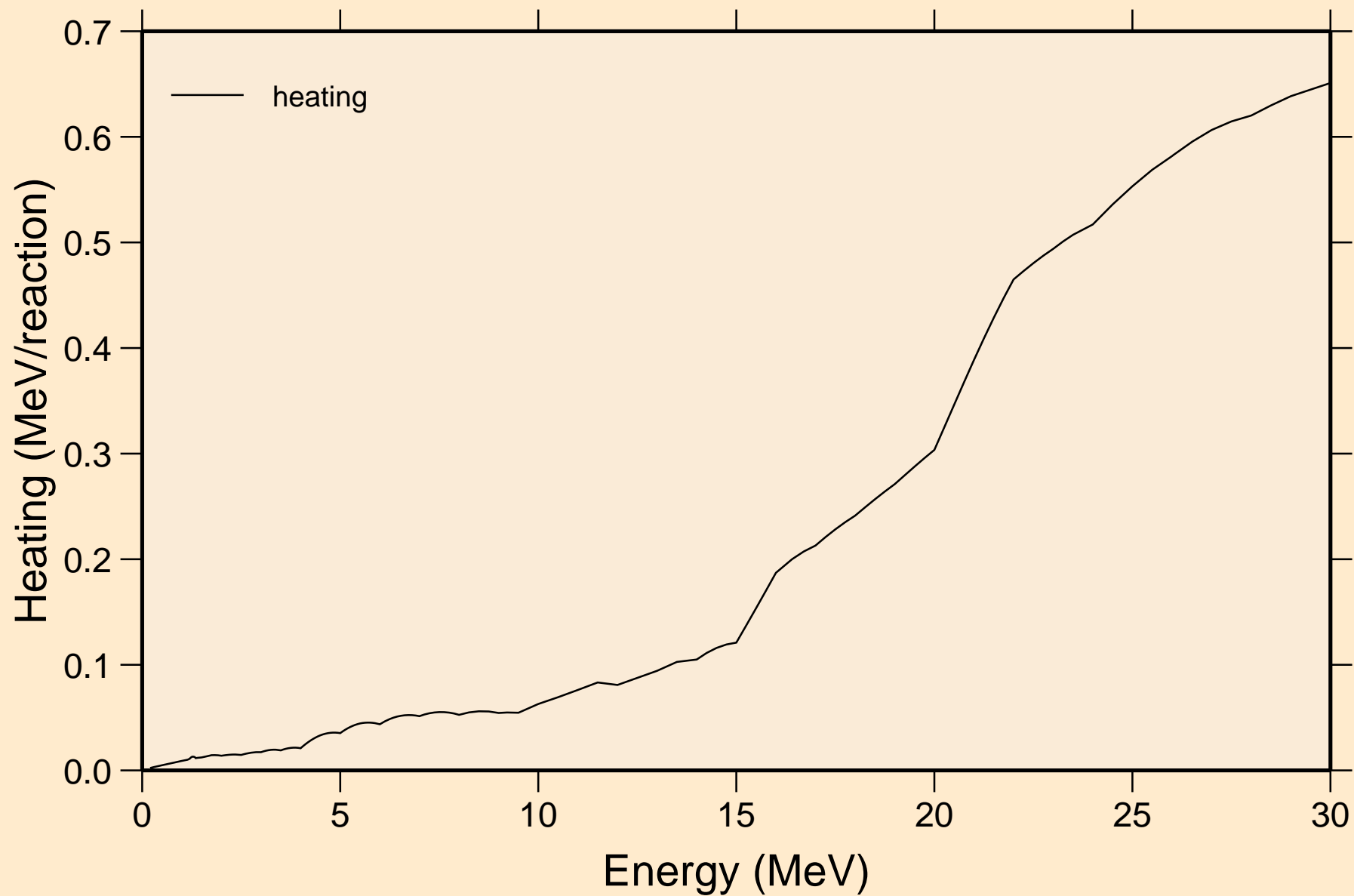
# ENDF/B-VII.1 I-127

## Principal cross sections



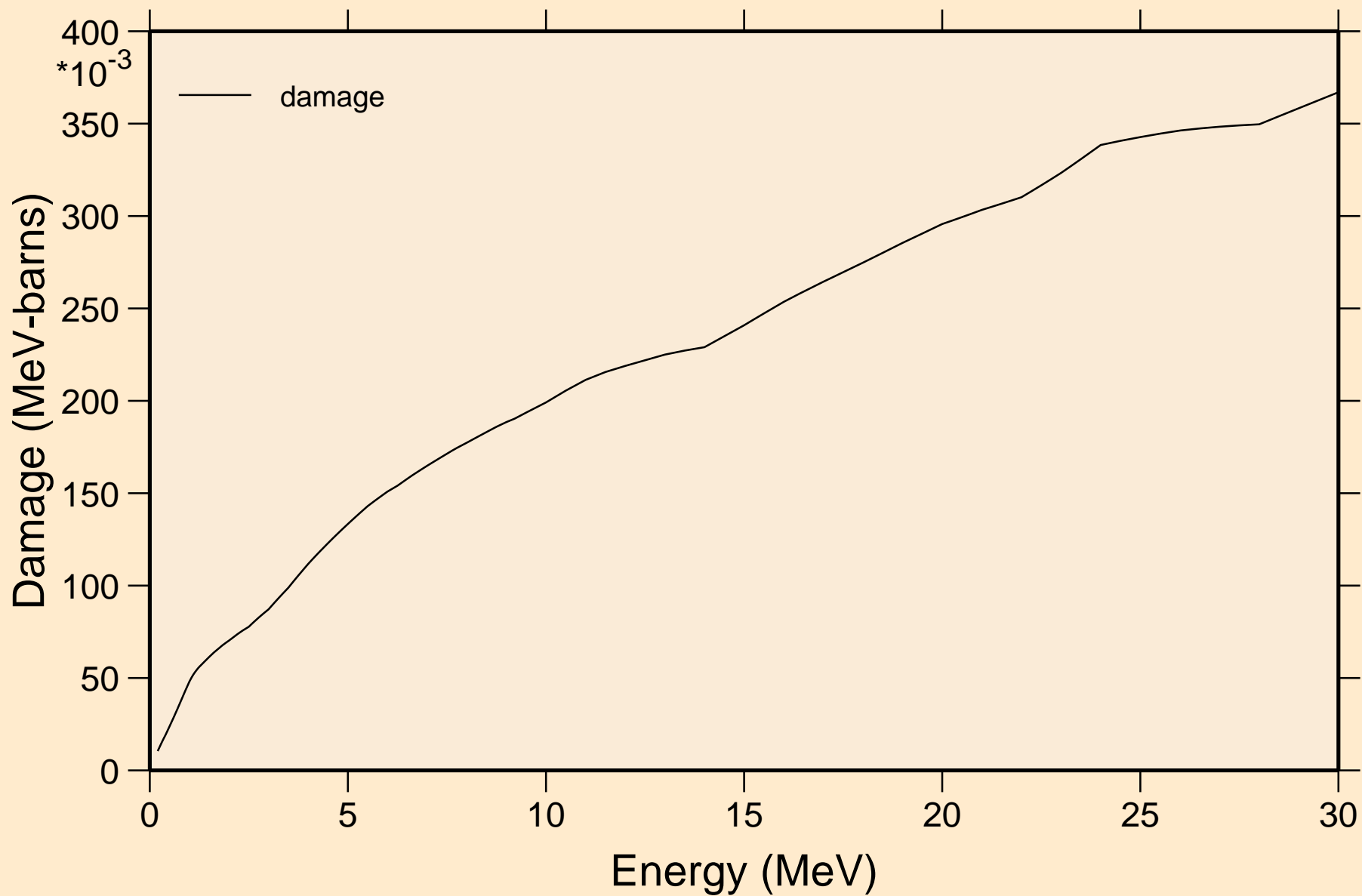
# ENDF/B-VII.1 I-127

## Heating



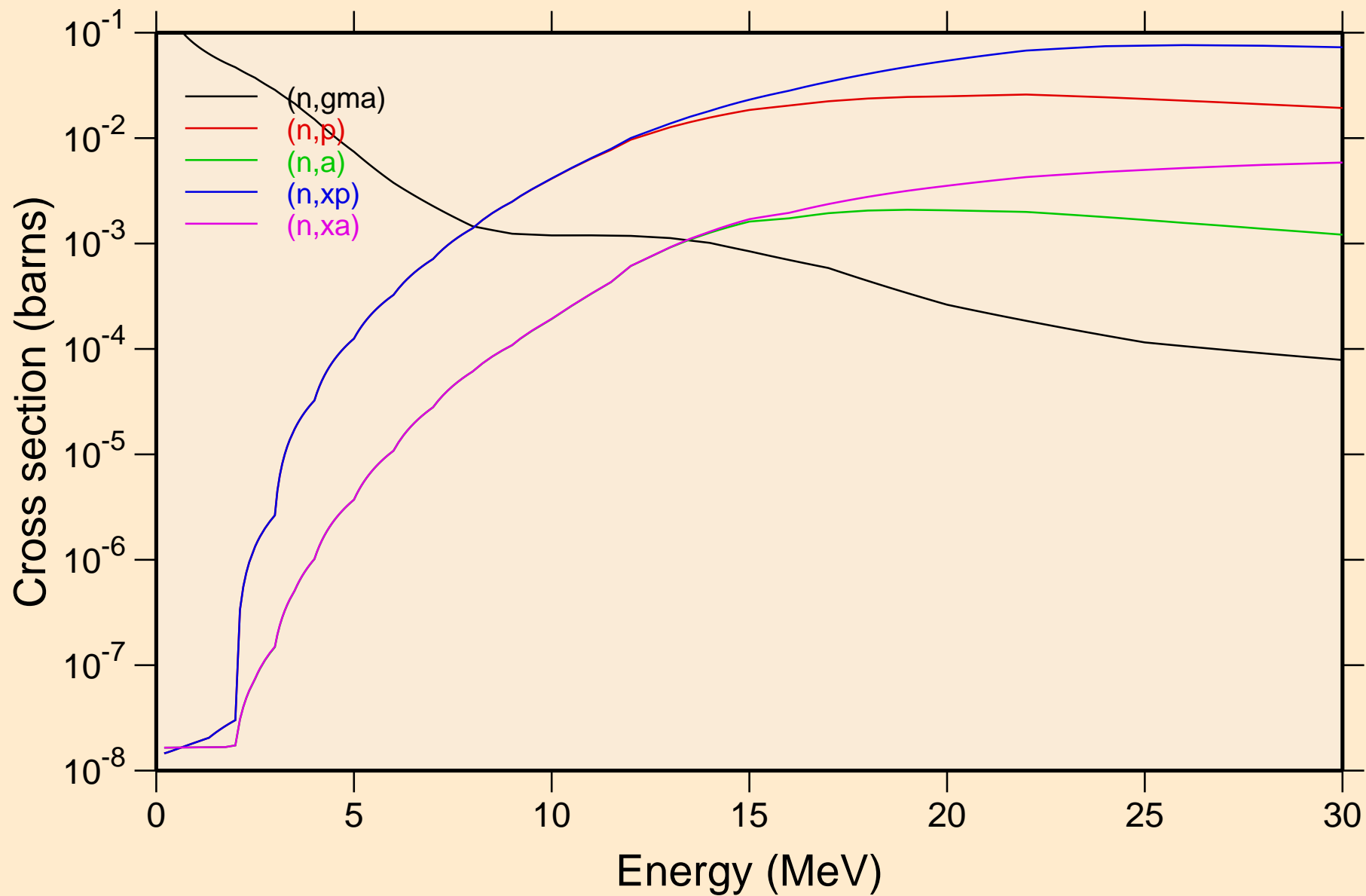
# ENDF/B-VII.1 I-127

## Damage



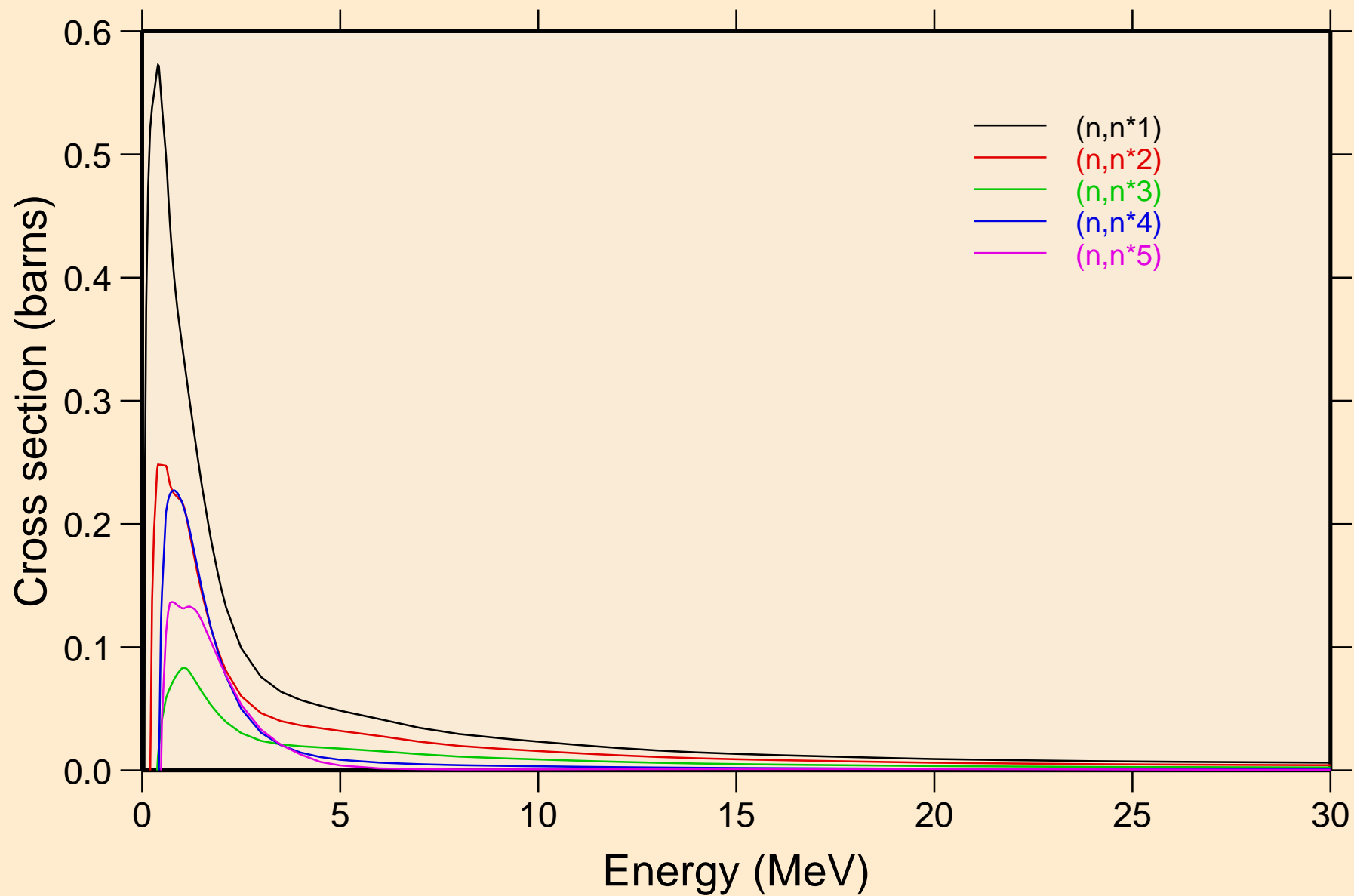
# ENDF/B-VII.1 I-127

## Non-threshold reactions



# ENDF/B-VII.1 I-127

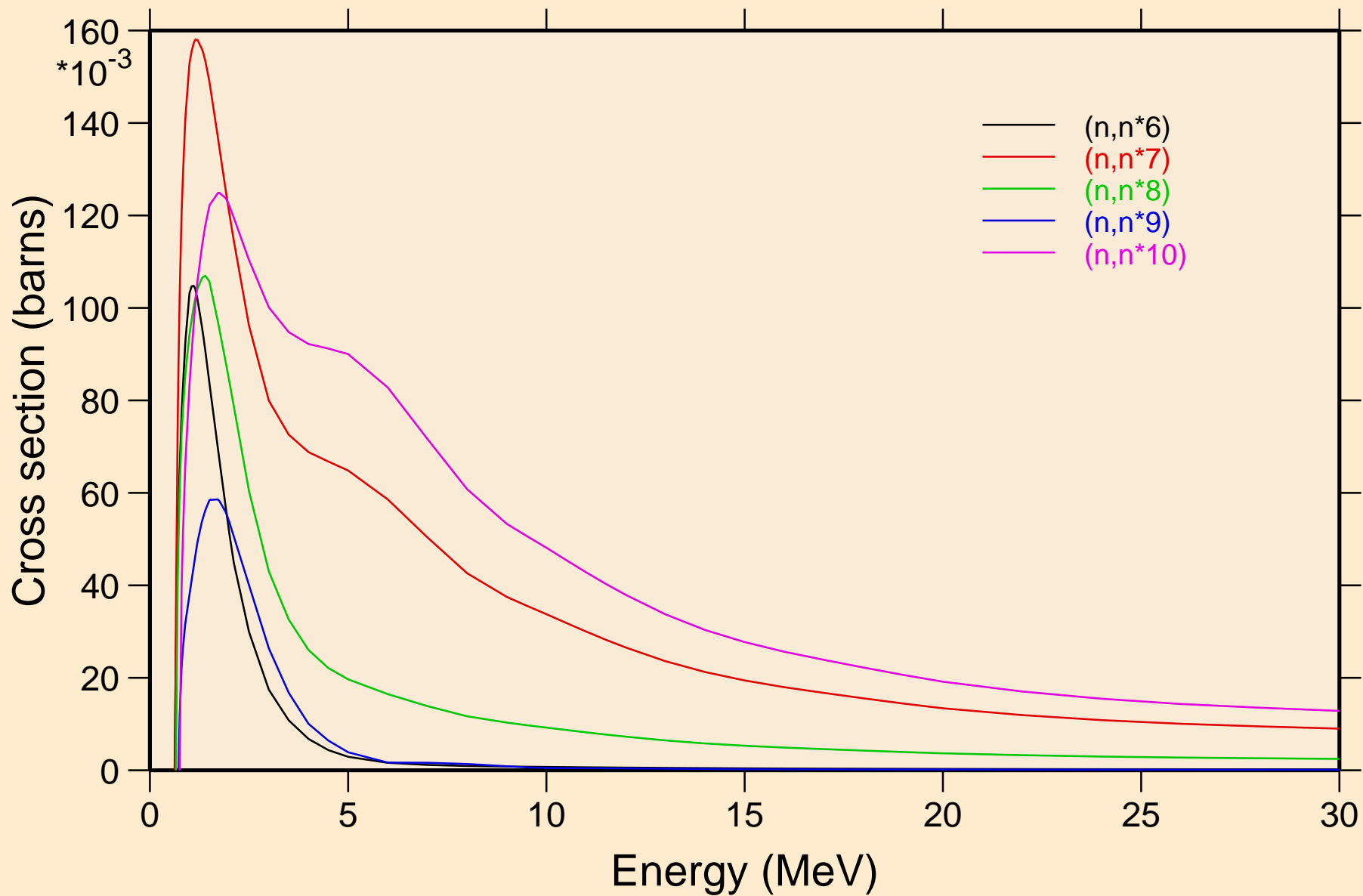
## Inelastic levels





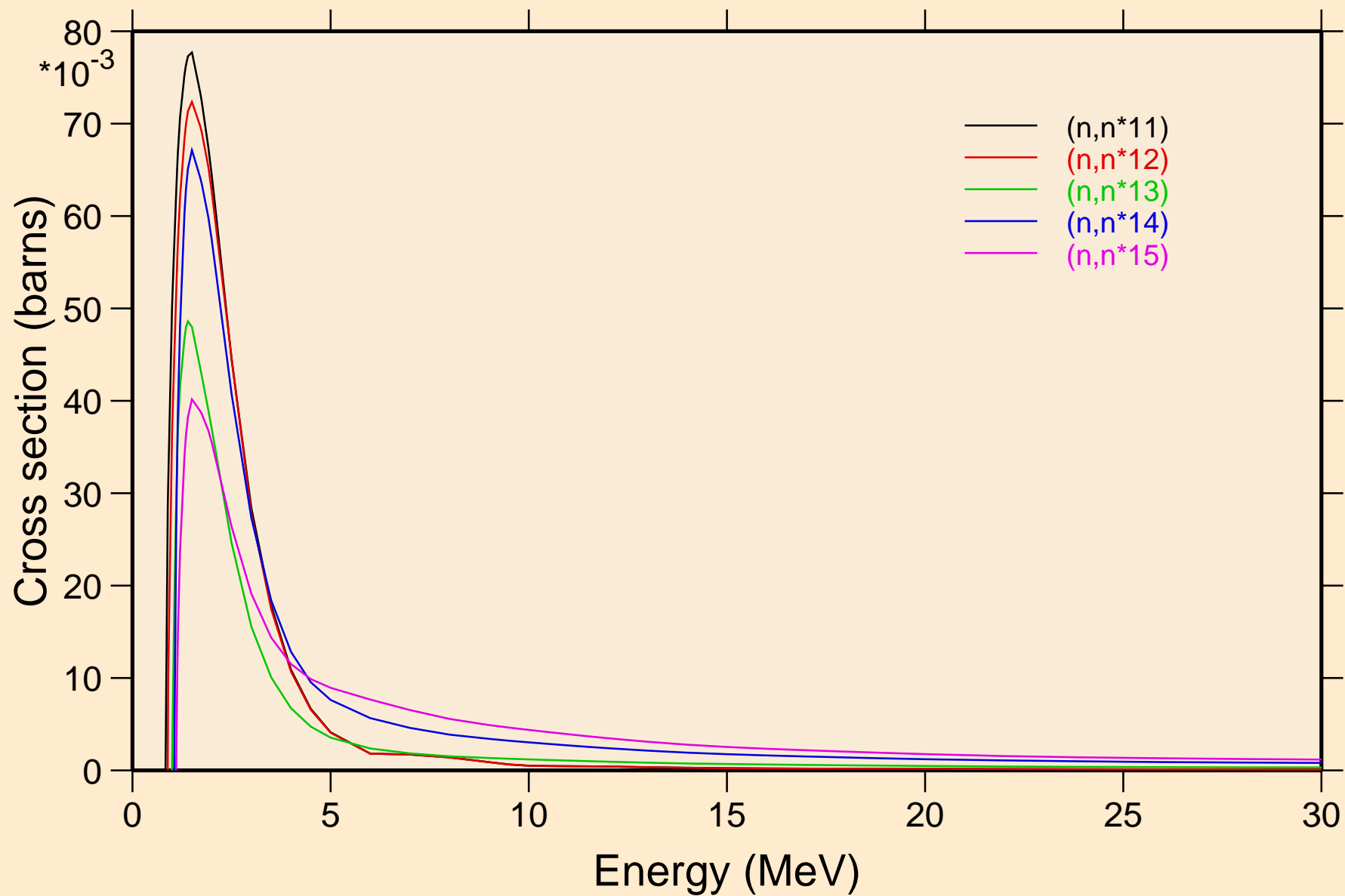
# ENDF/B-VII.1 I-127

## Inelastic levels



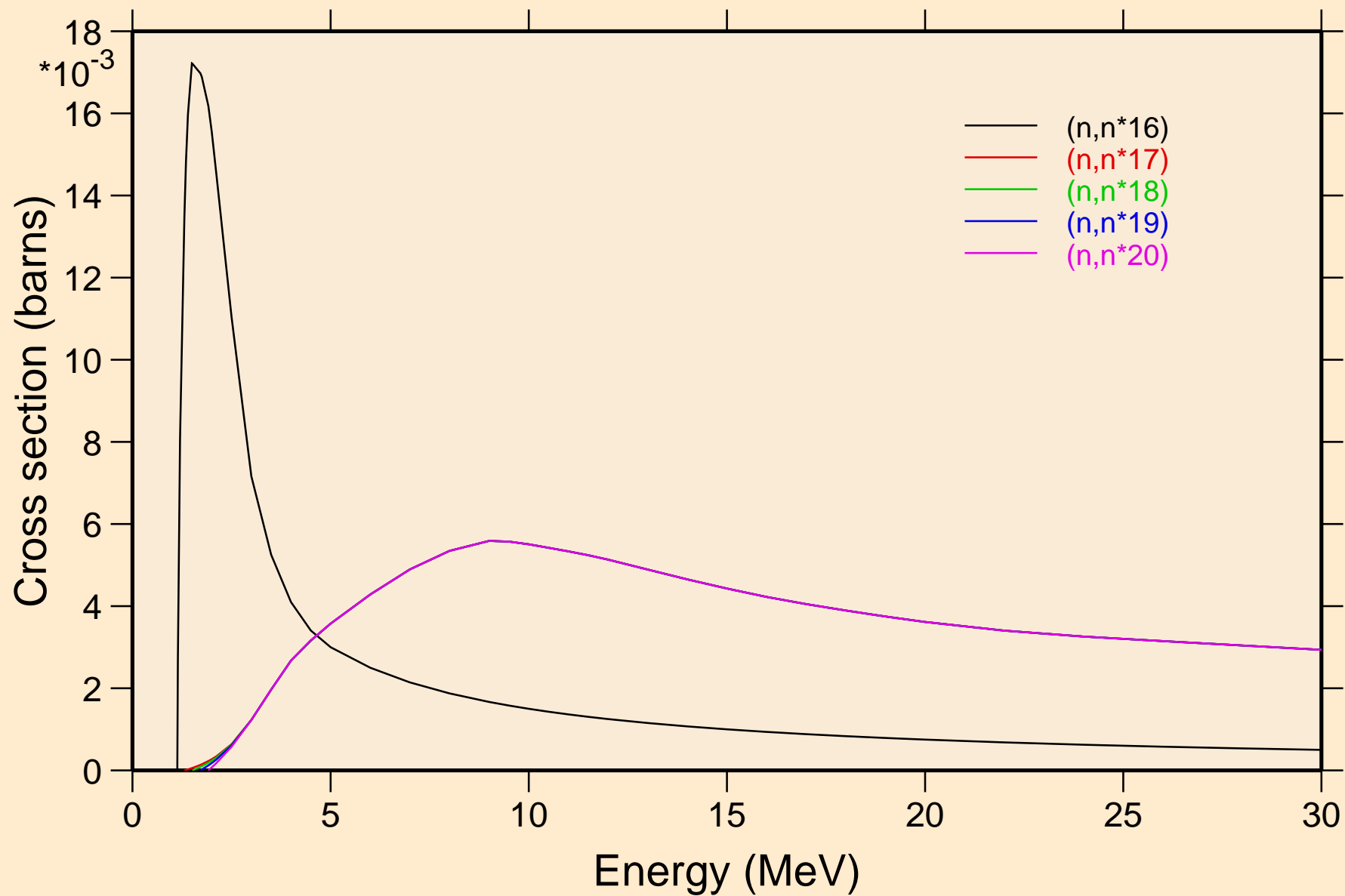
# ENDF/B-VII.1 I-127

## Inelastic levels



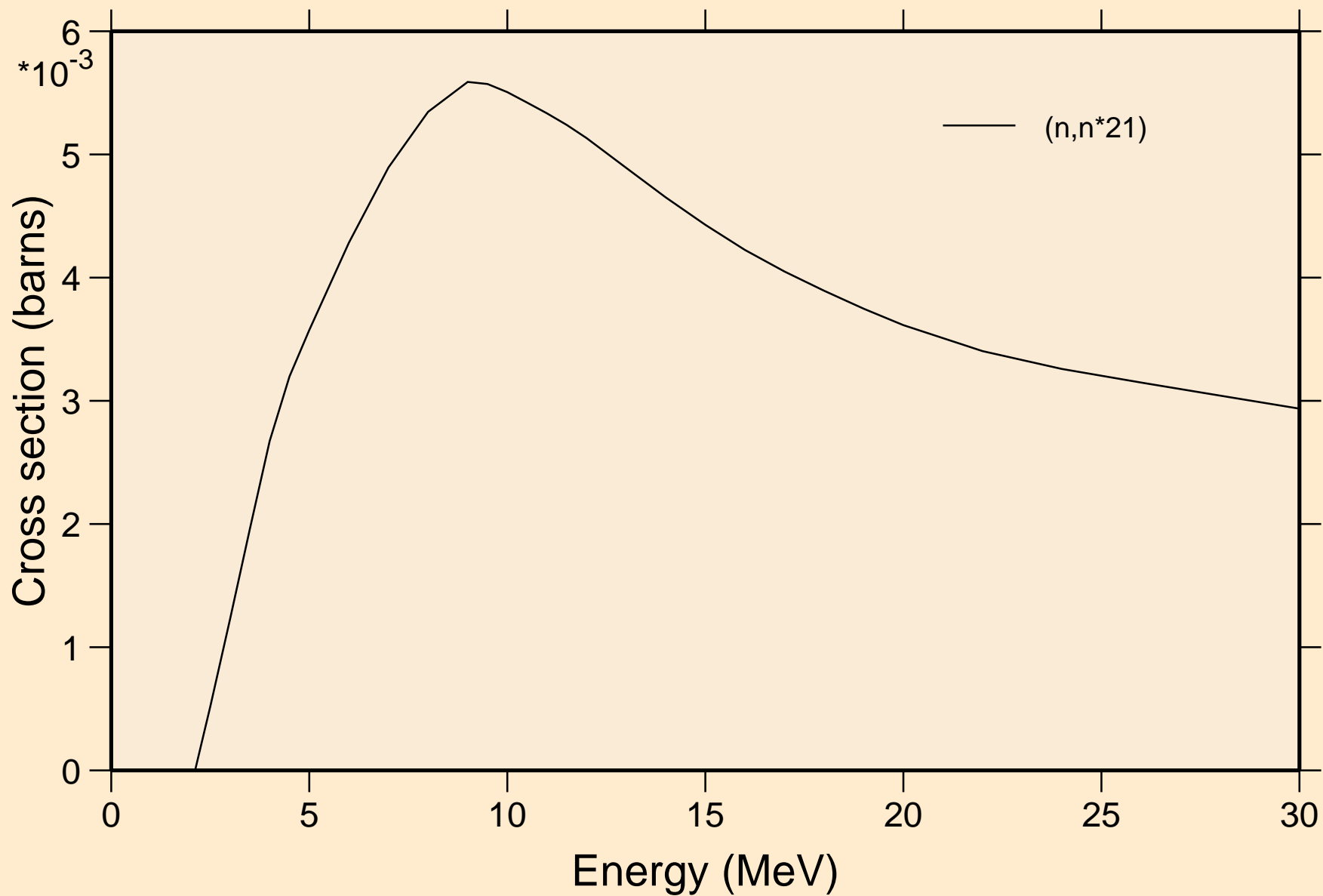
# ENDF/B-VII.1 I-127

## Inelastic levels

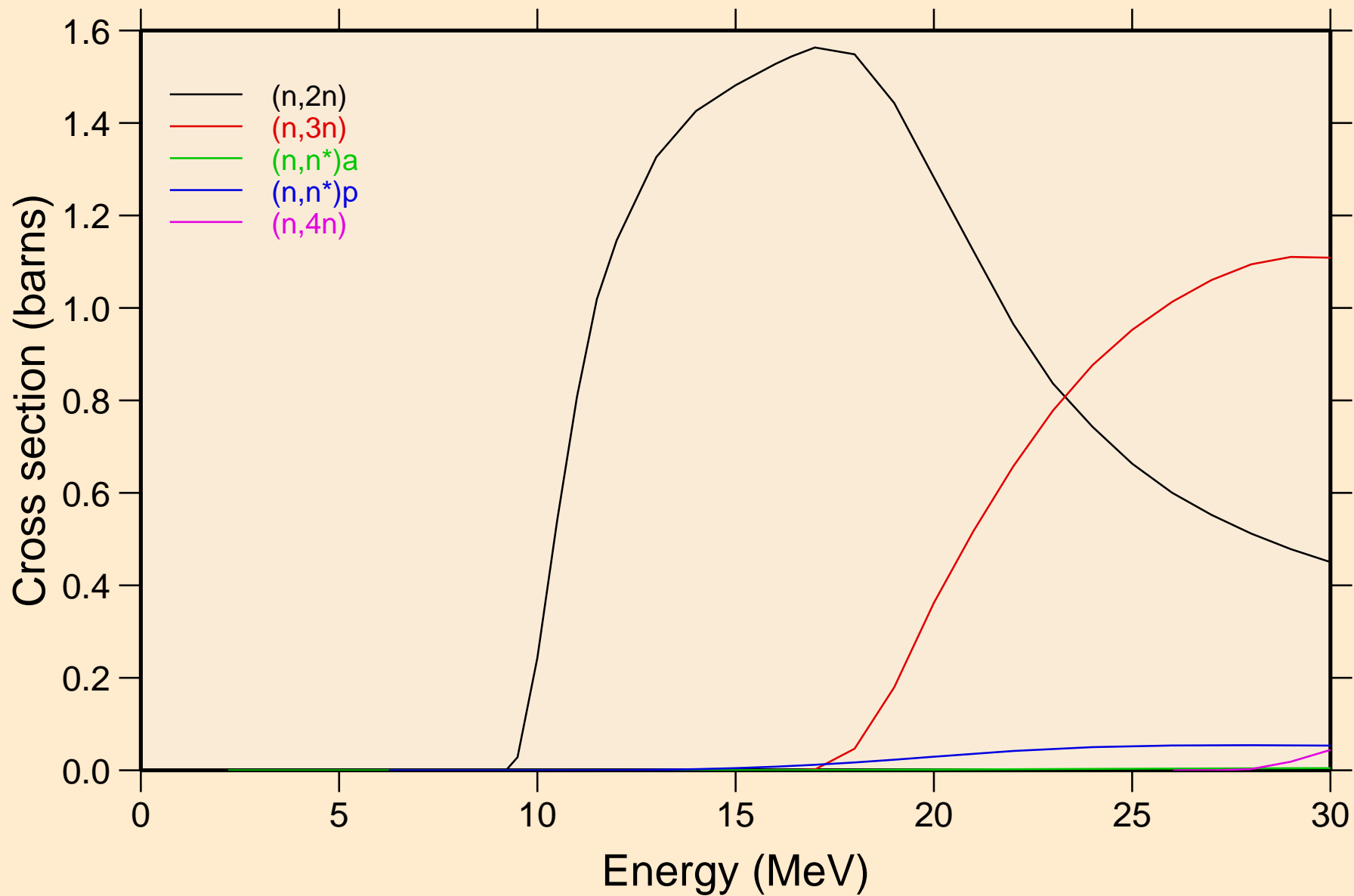


ENDF/B-VII.1 I-127

Inelastic levels

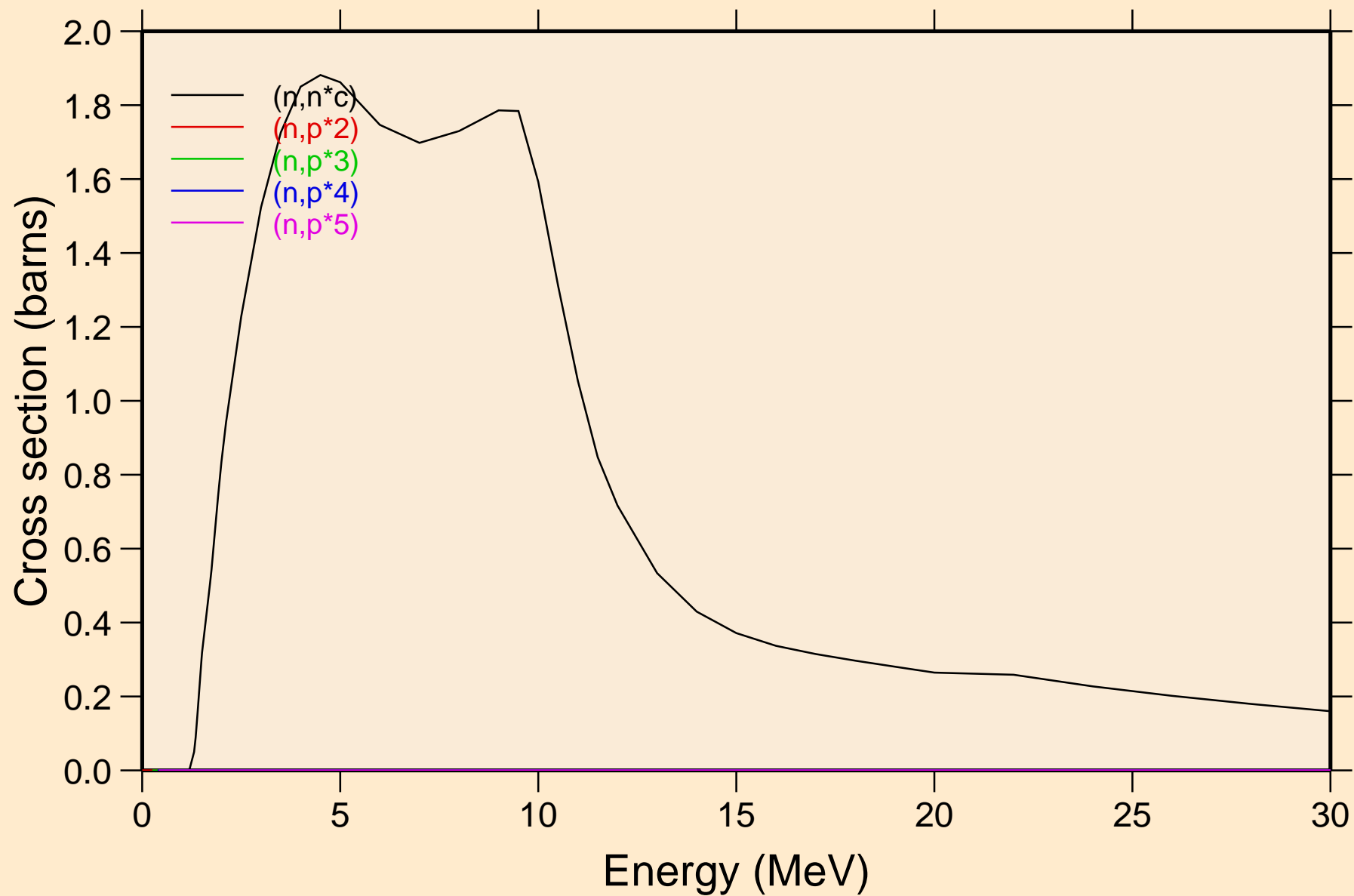


# ENDF/B-VII.1 I-127 Threshold reactions

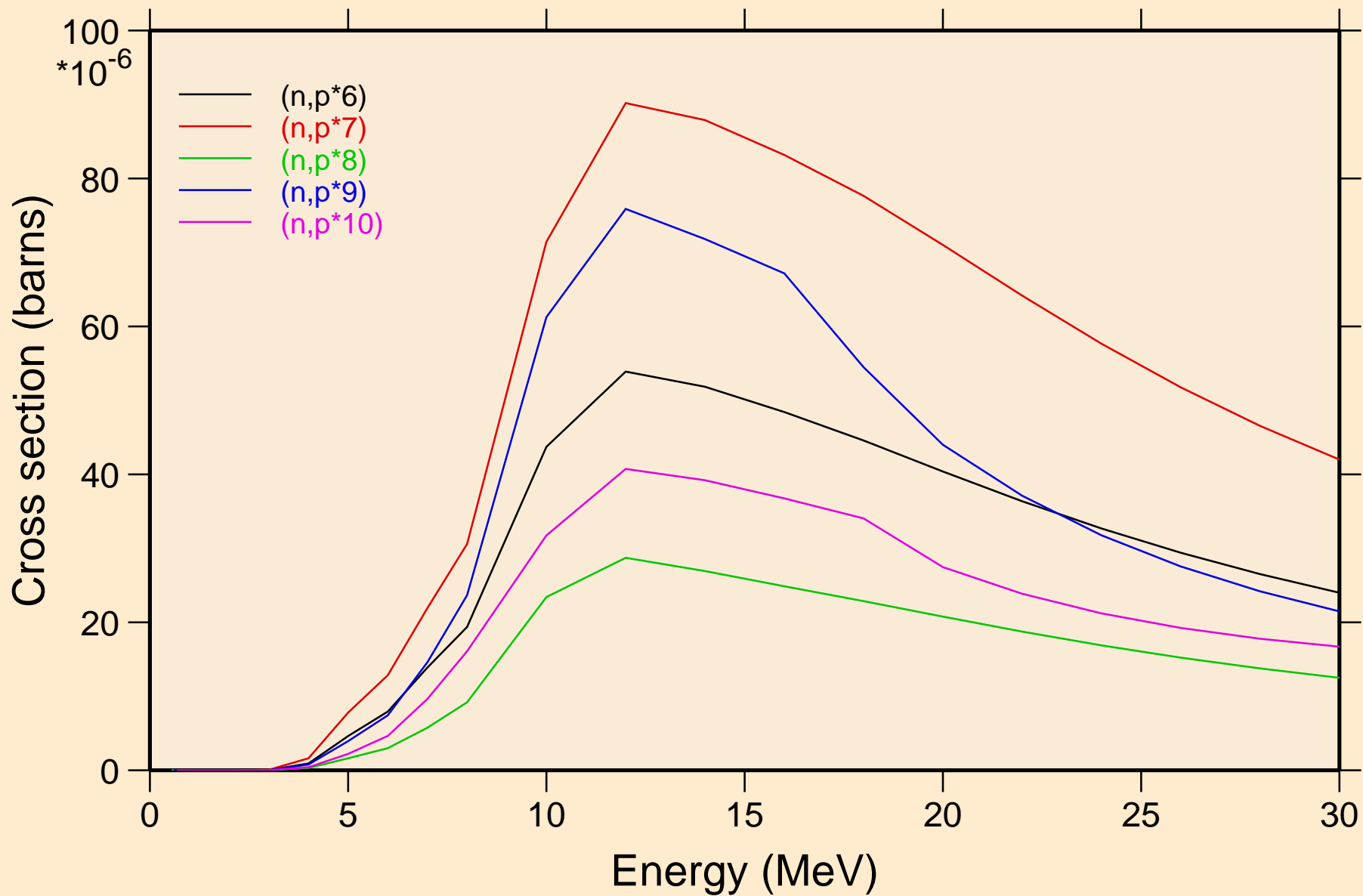


# ENDF/B-VII.1 I-127

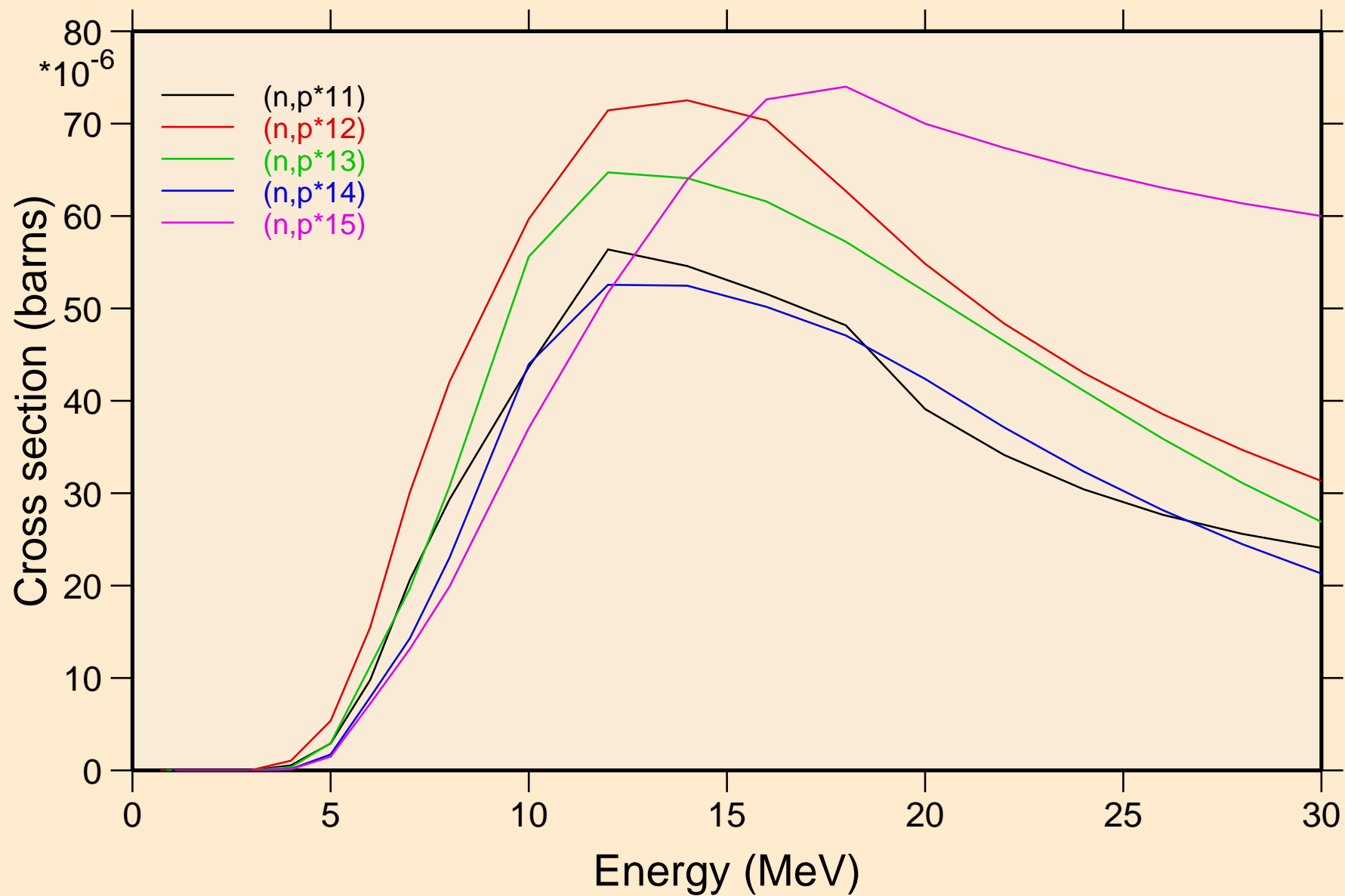
## Threshold reactions



# ENDF/B-VII.1 I-127 Threshold reactions

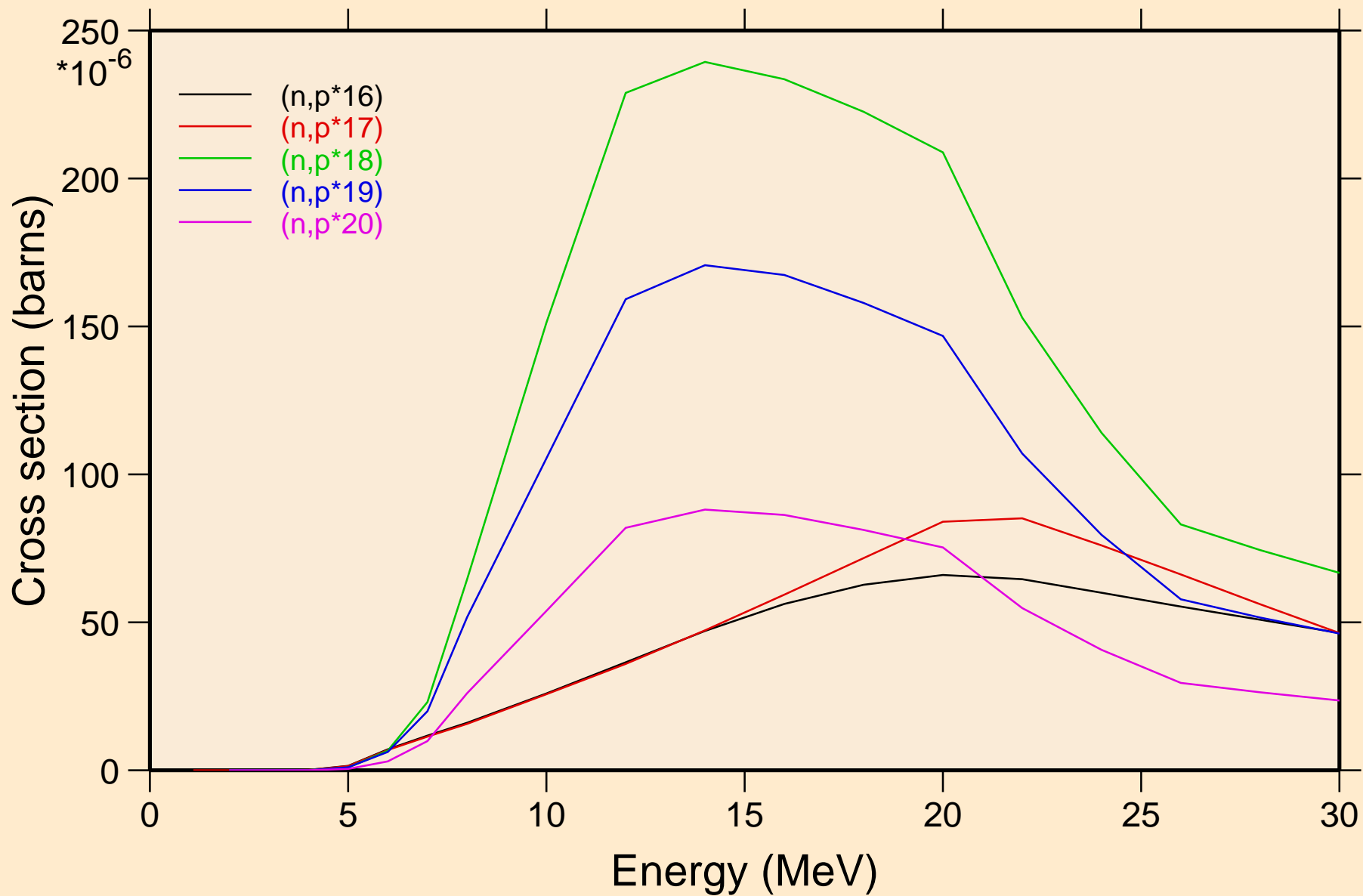


# ENDF/B-VII.1 I-127 Threshold reactions

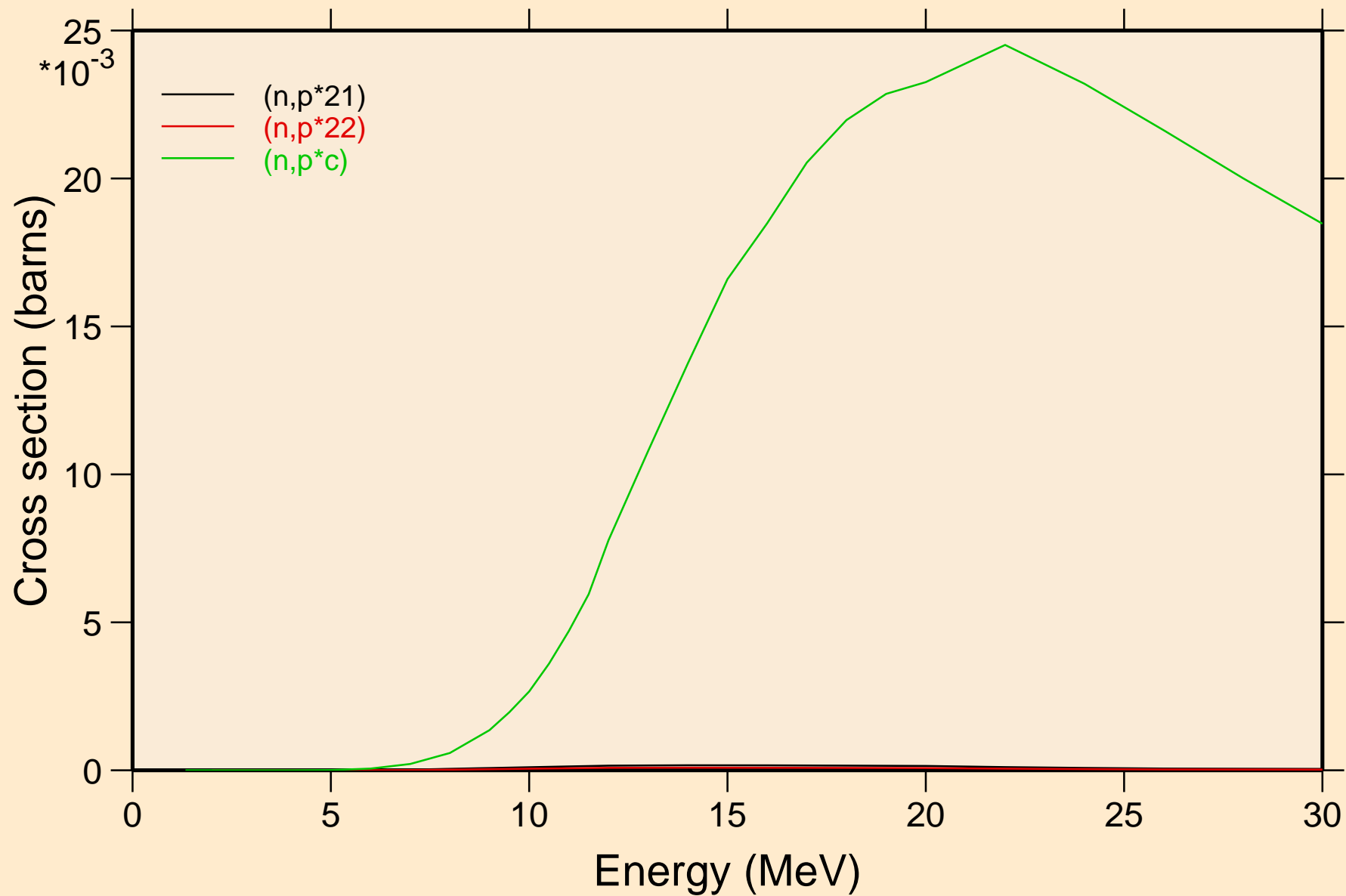




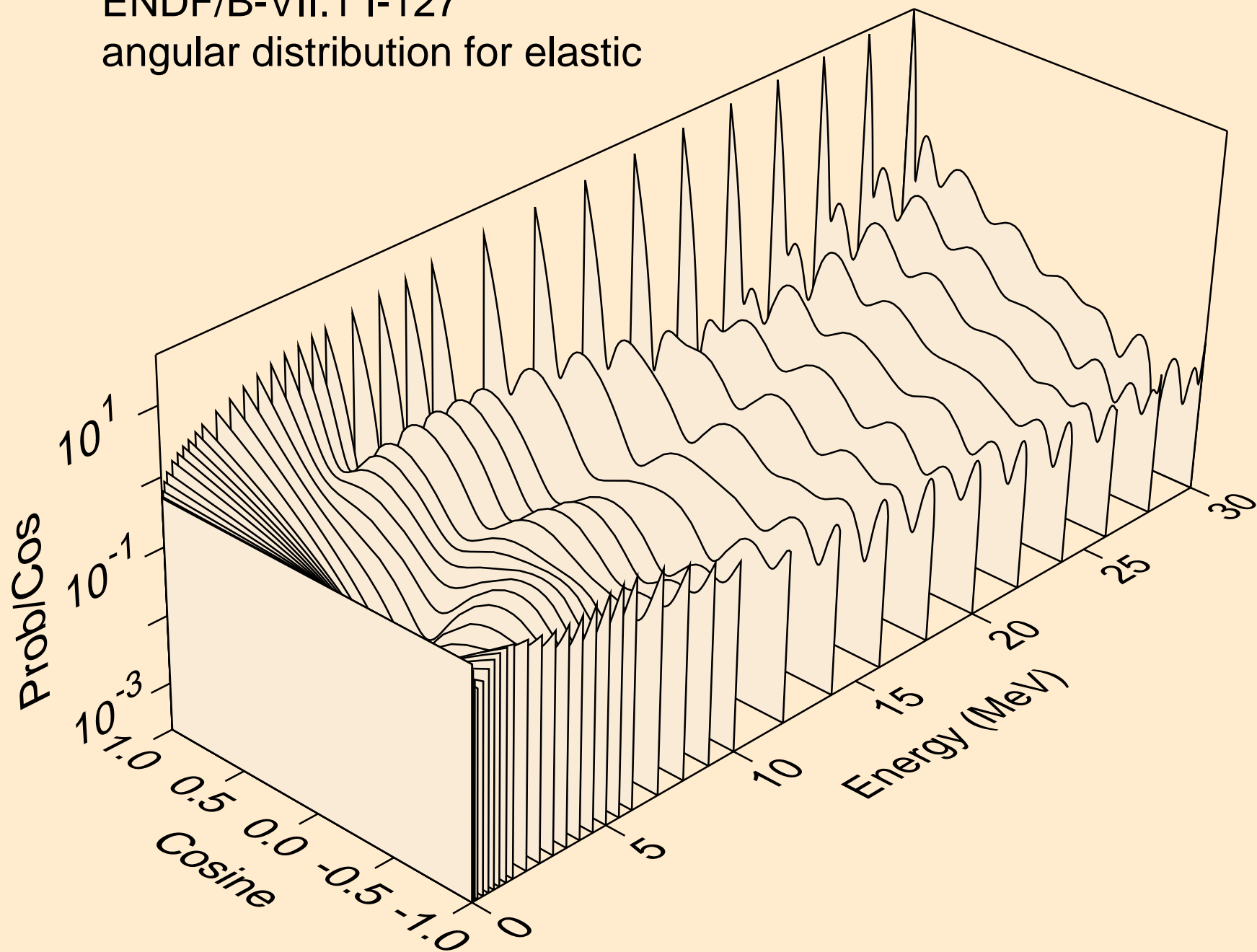
# ENDF/B-VII.1 I-127 Threshold reactions



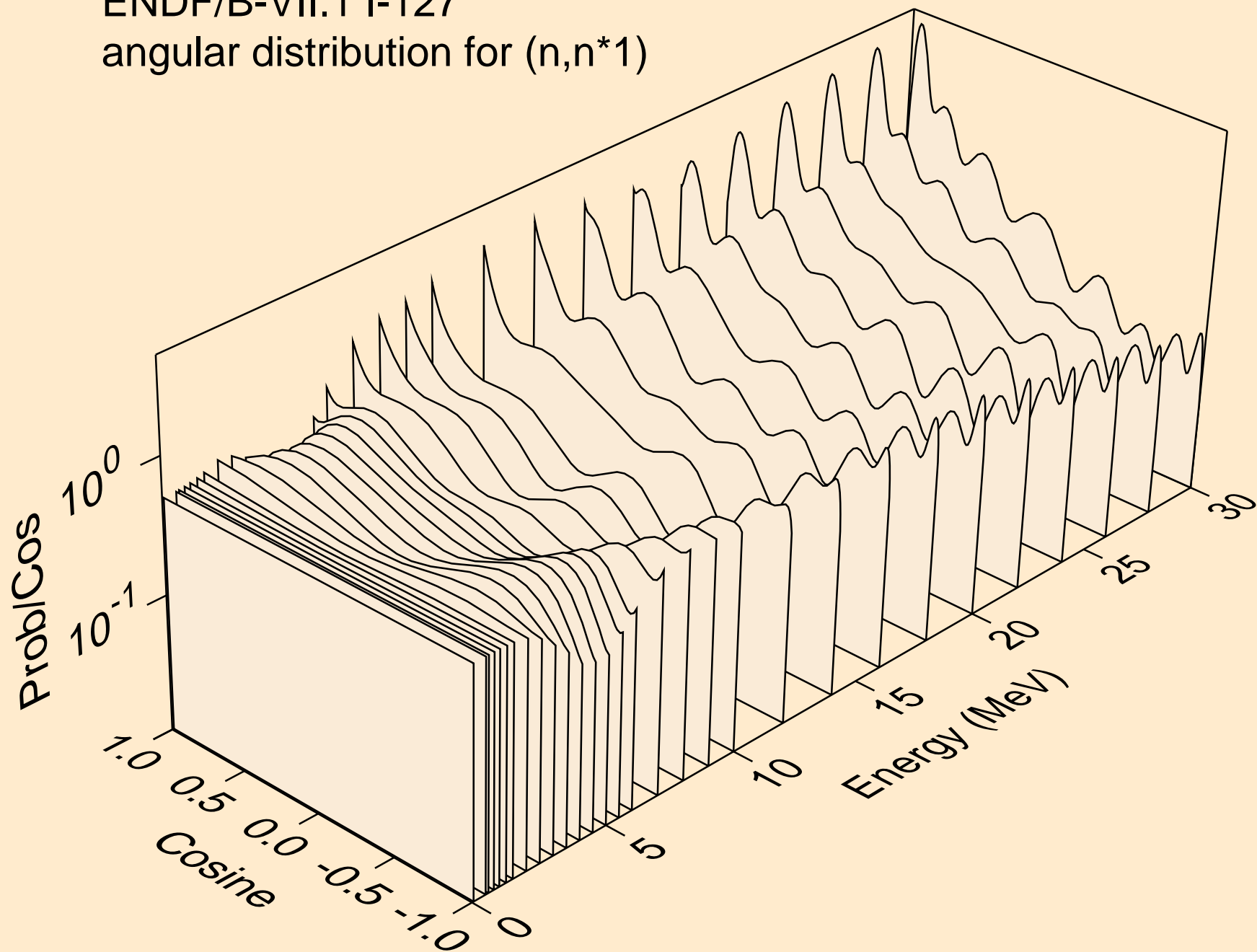
# ENDF/B-VII.1 I-127 Threshold reactions



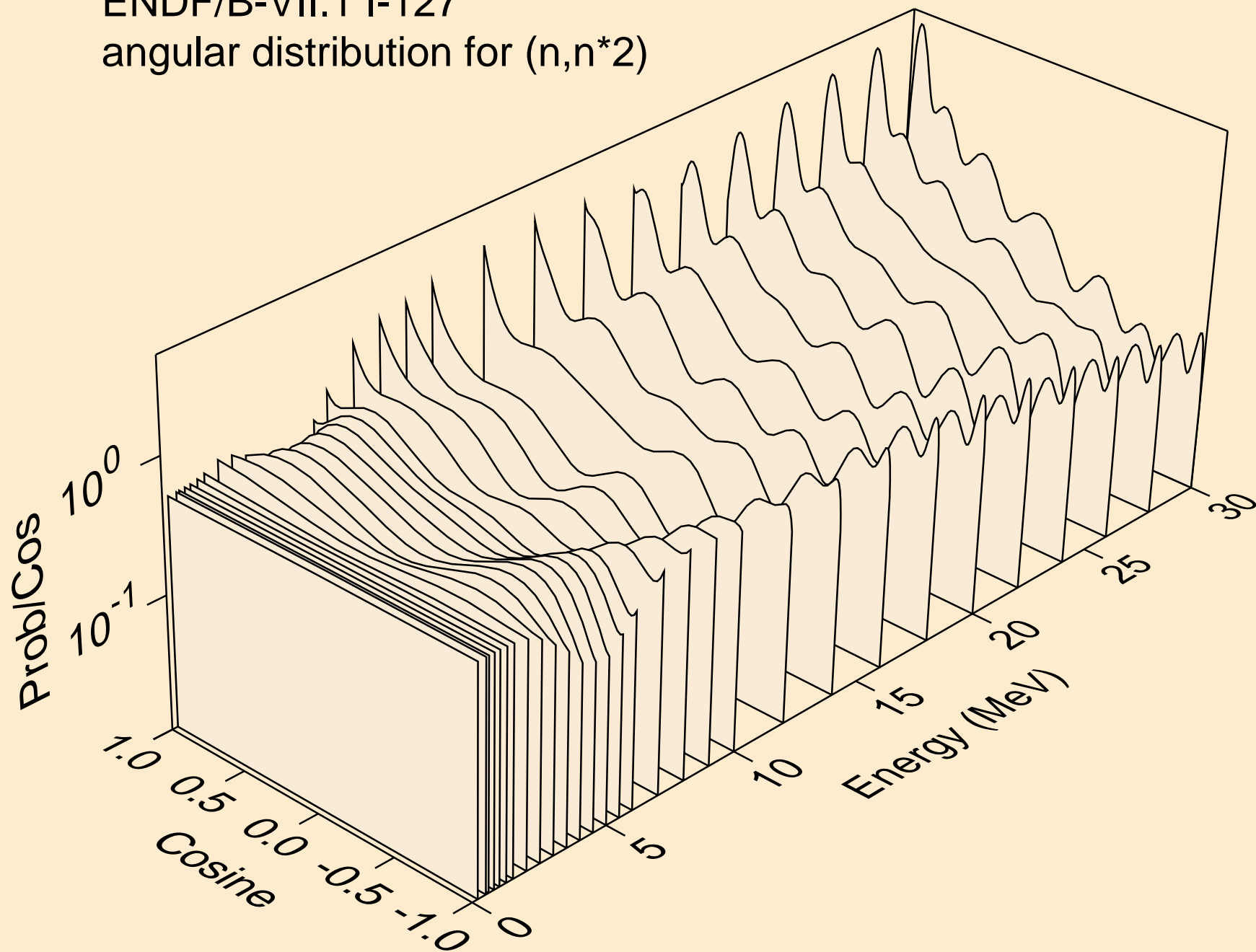
ENDF/B-VII.1 I-127  
angular distribution for elastic



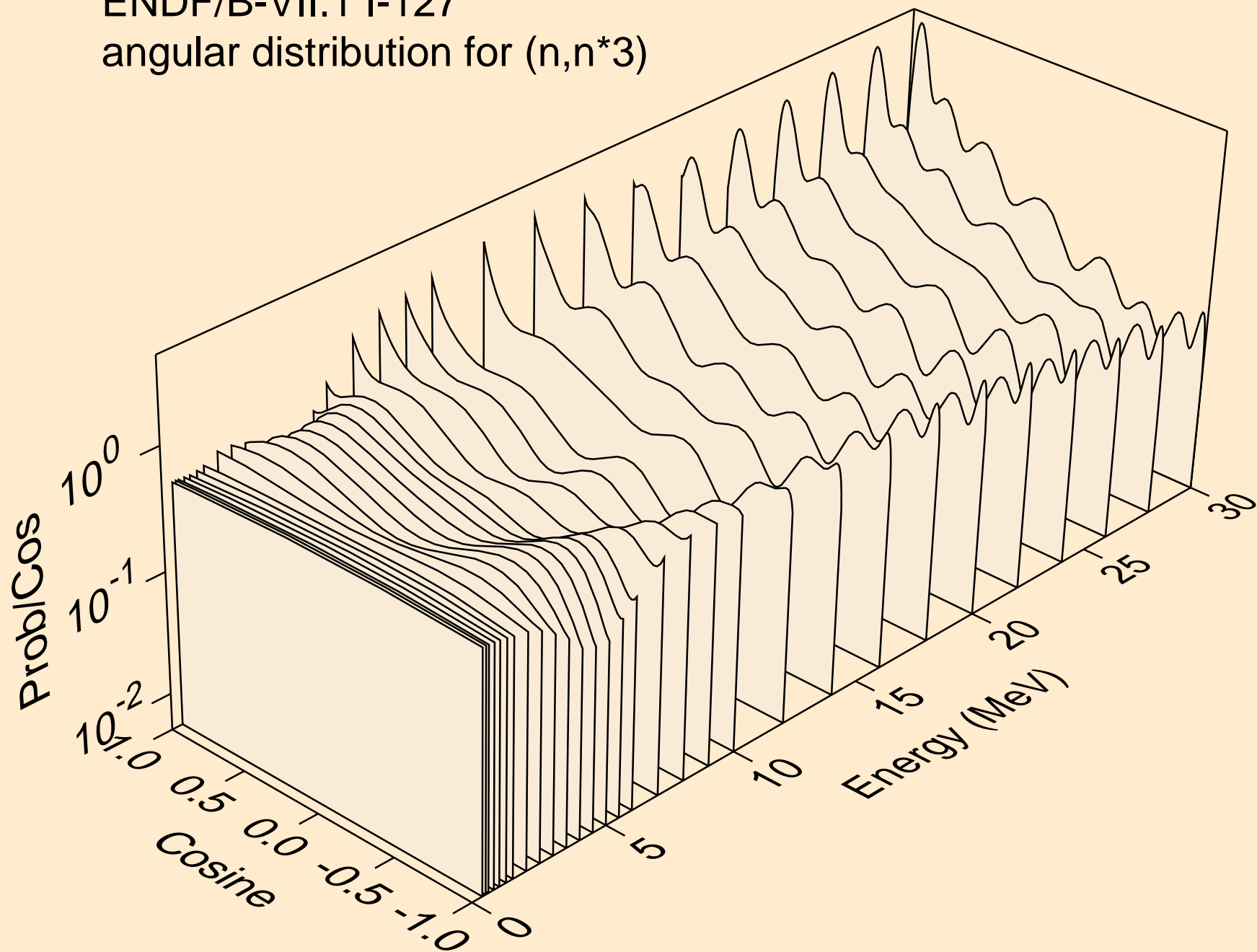
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*1)



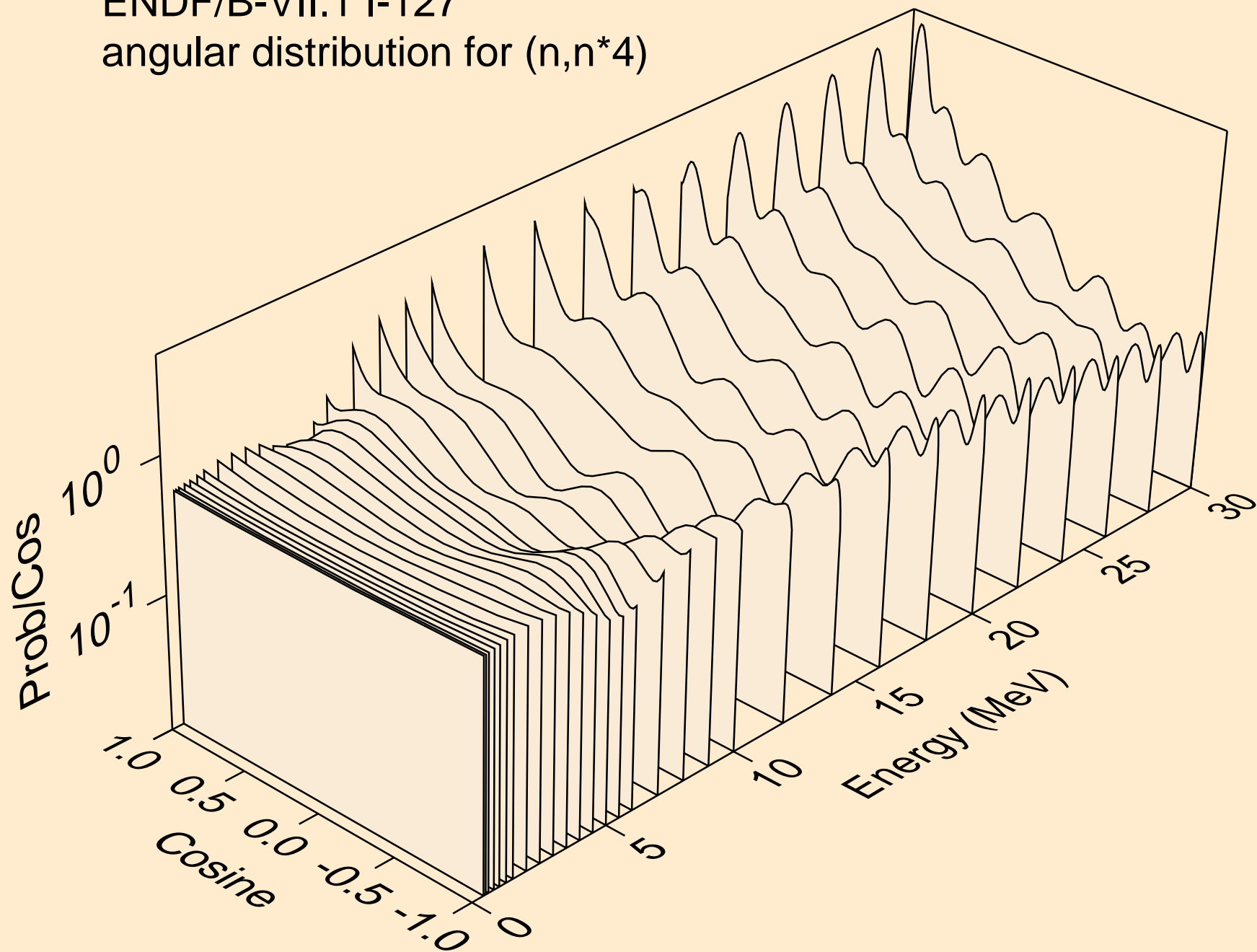
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*2)



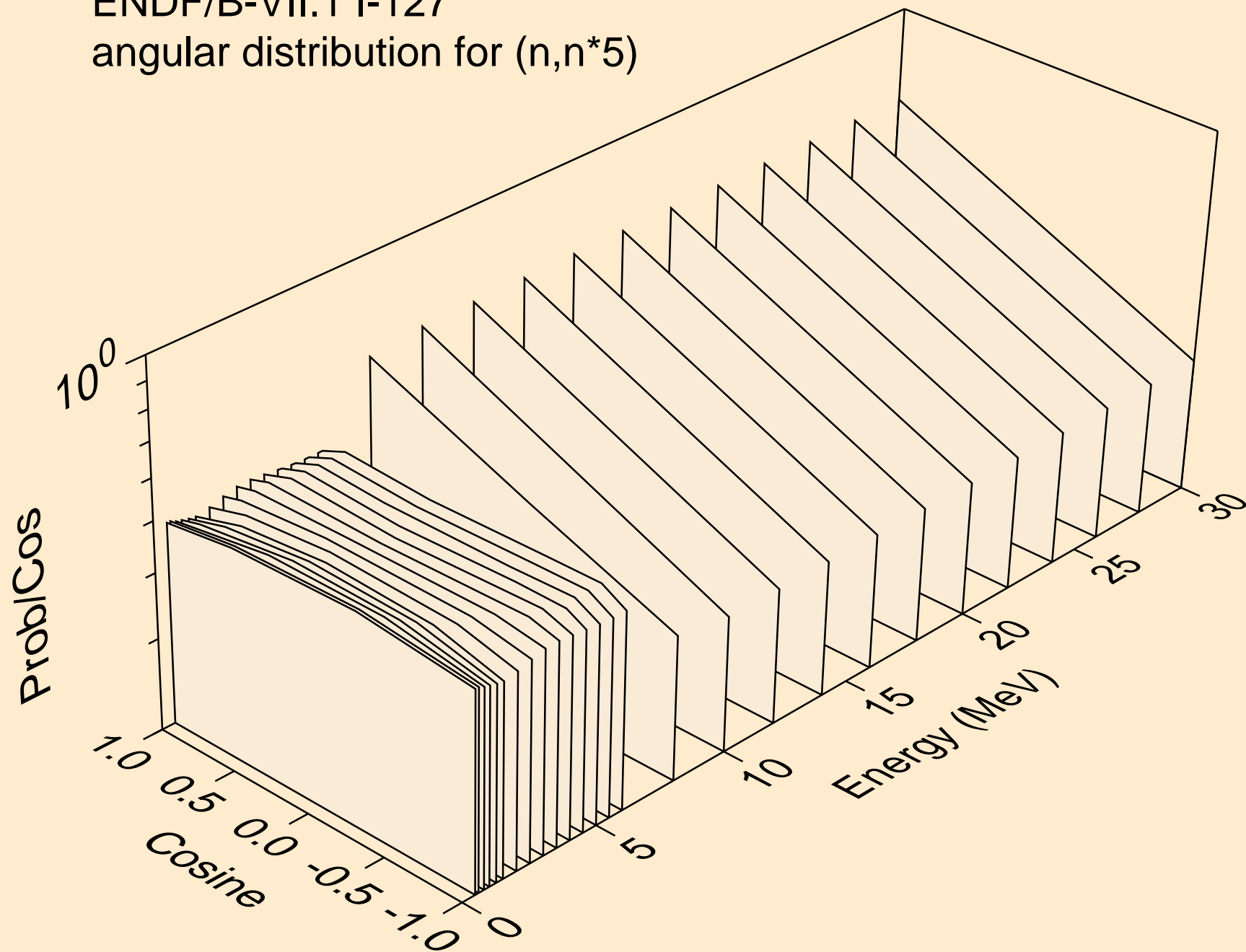
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*3)



ENDF/B-VII.1 I-127  
angular distribution for (n,n\*4)

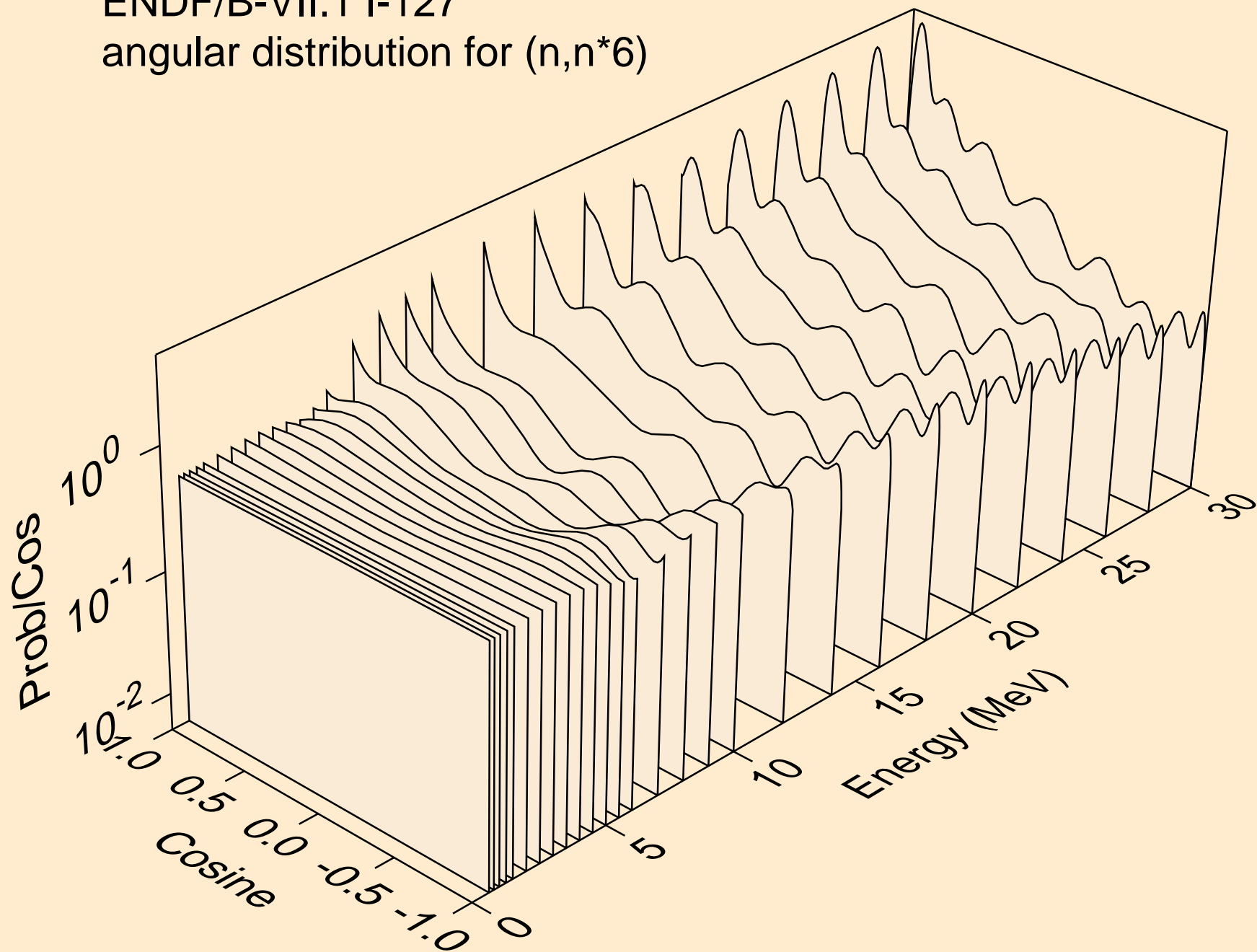


ENDF/B-VII.1 I-127  
angular distribution for (n,n\*5)

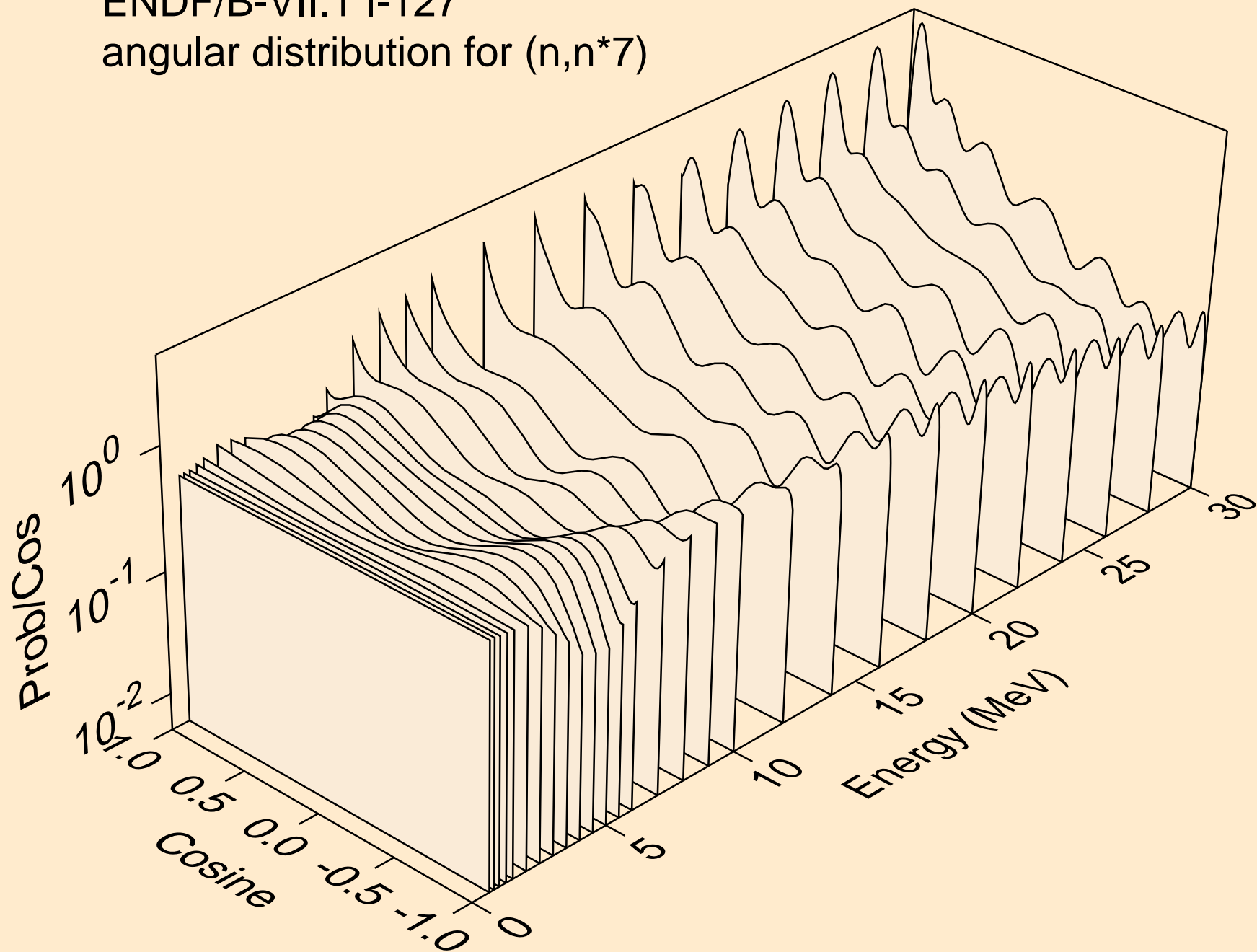




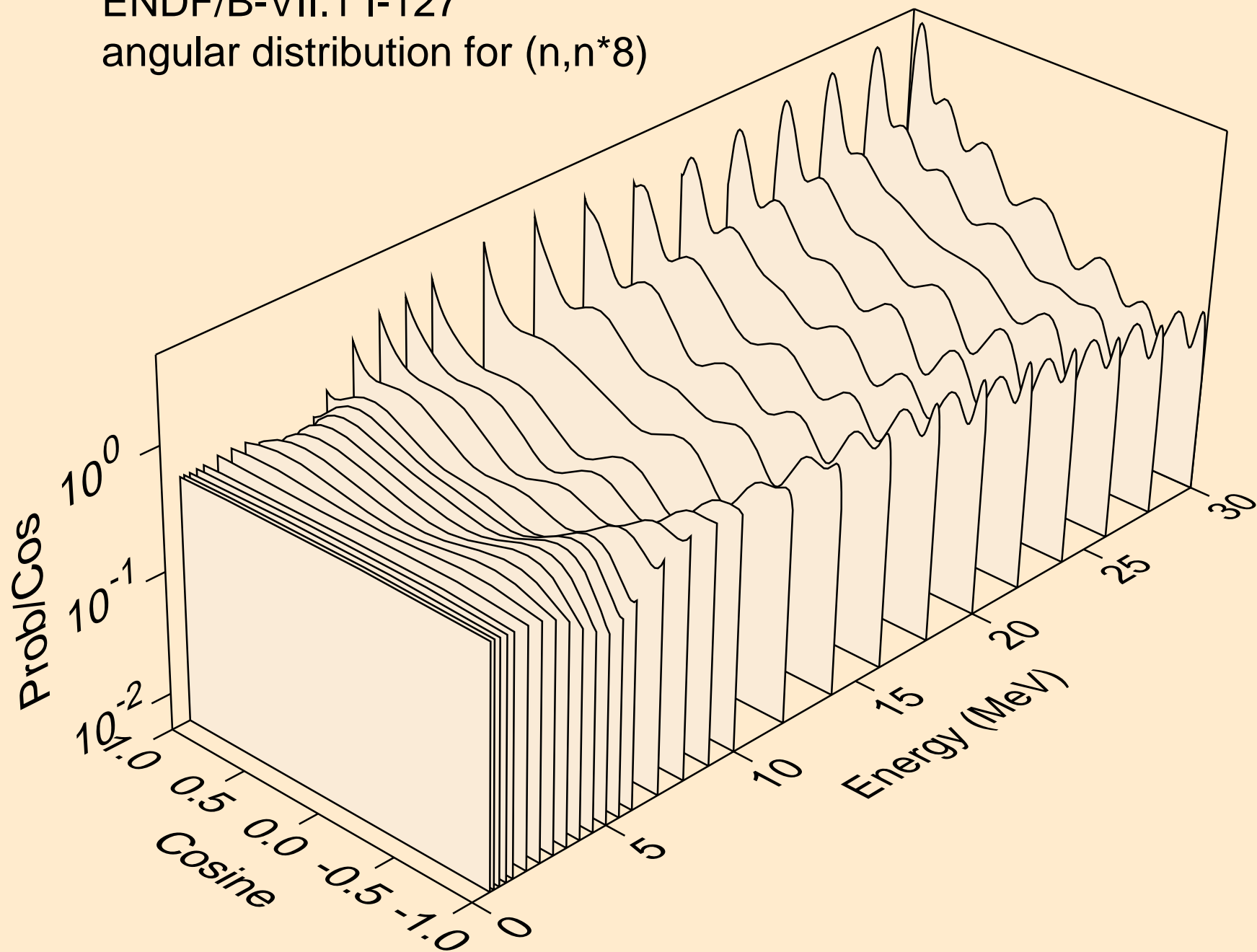
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*6)



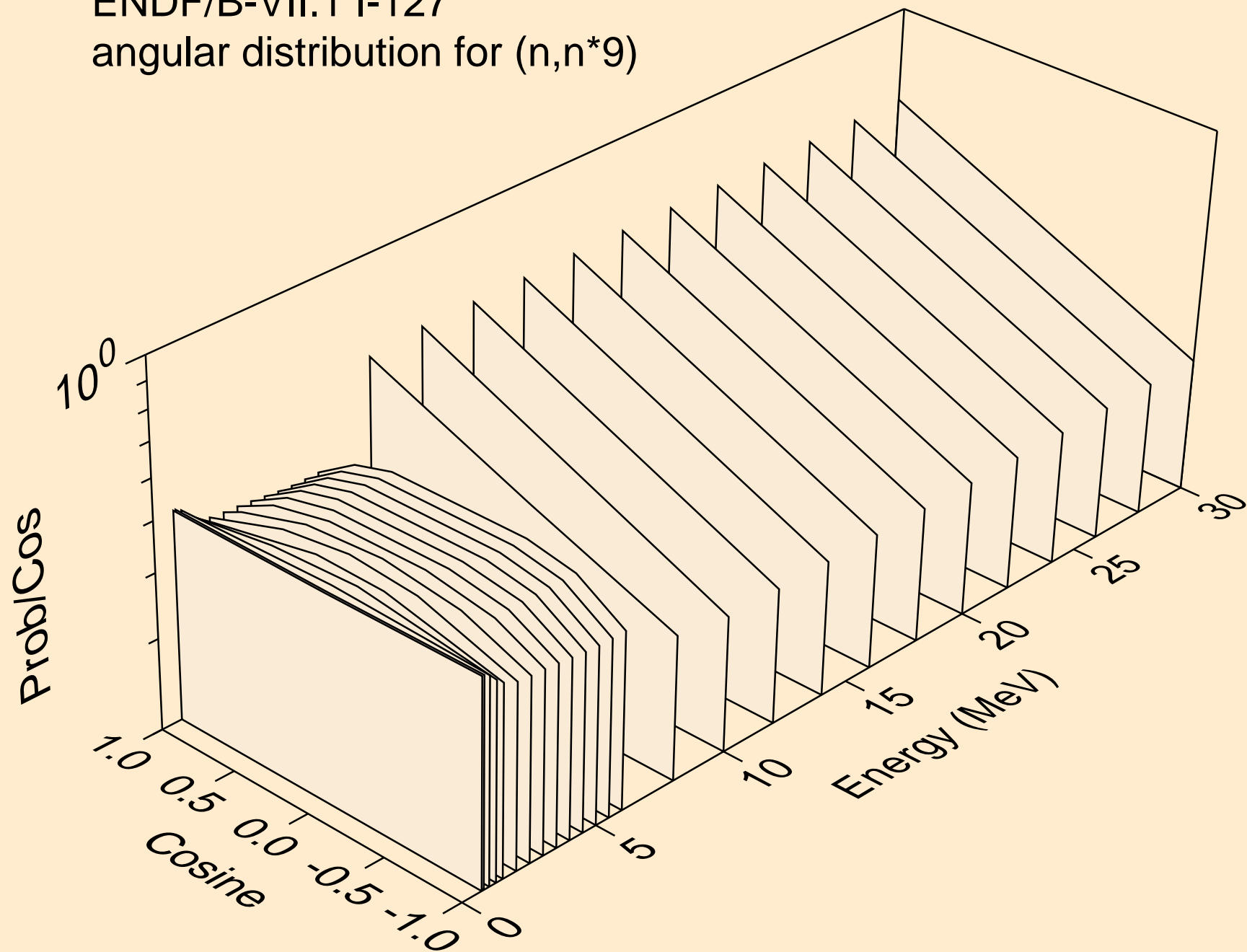
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angular distribution for (n,n\*7)



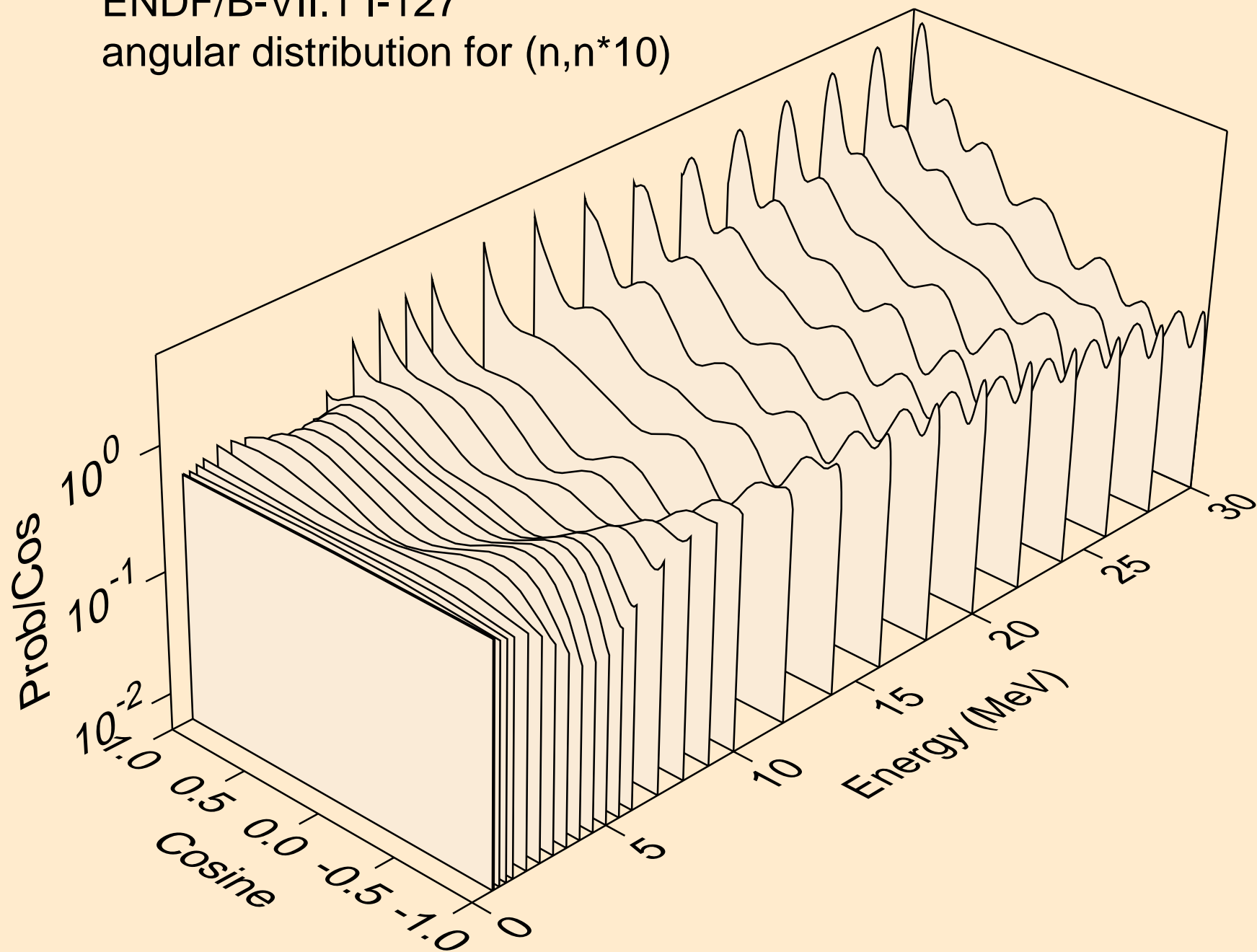
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*8)



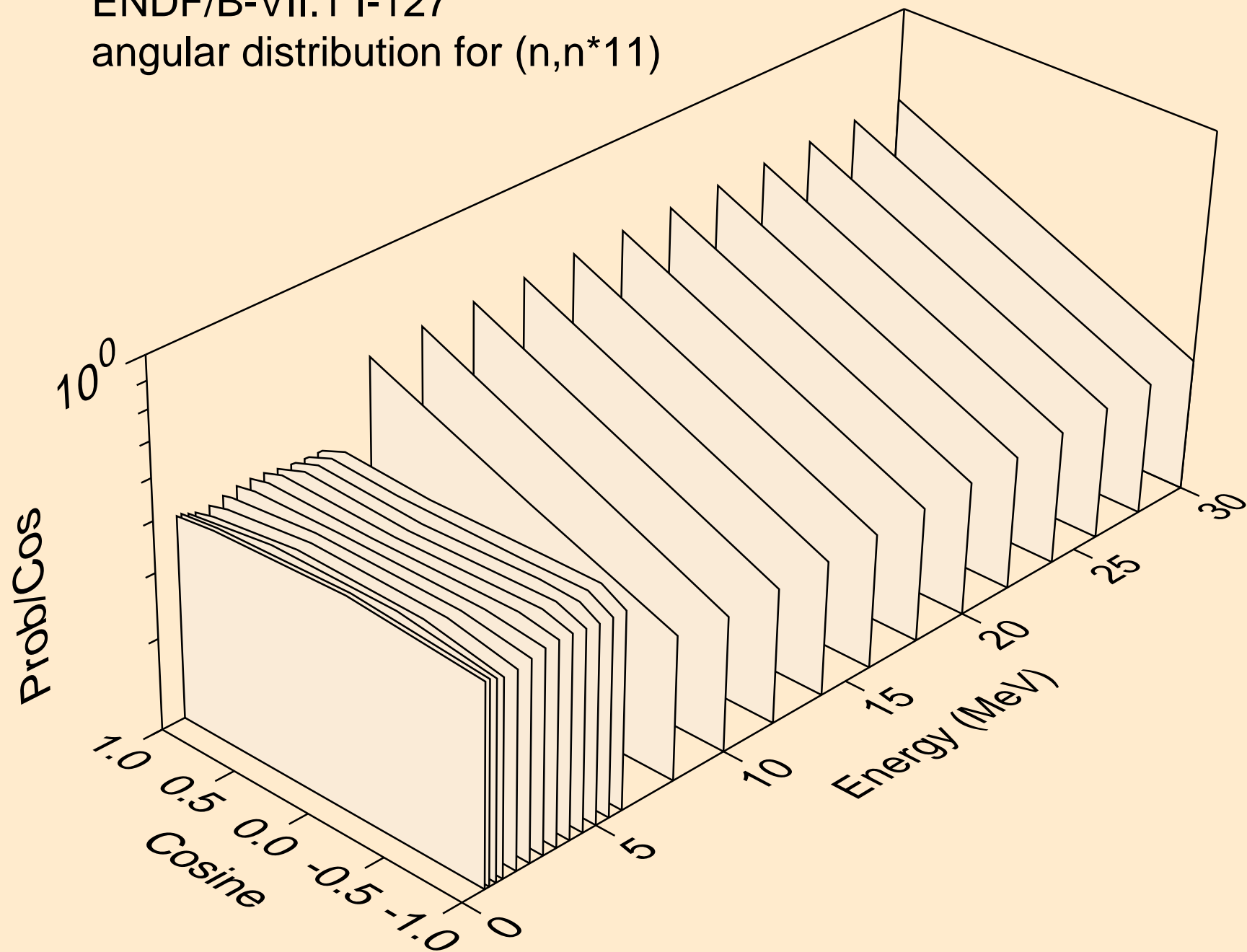
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angular distribution for (n,n\*9)



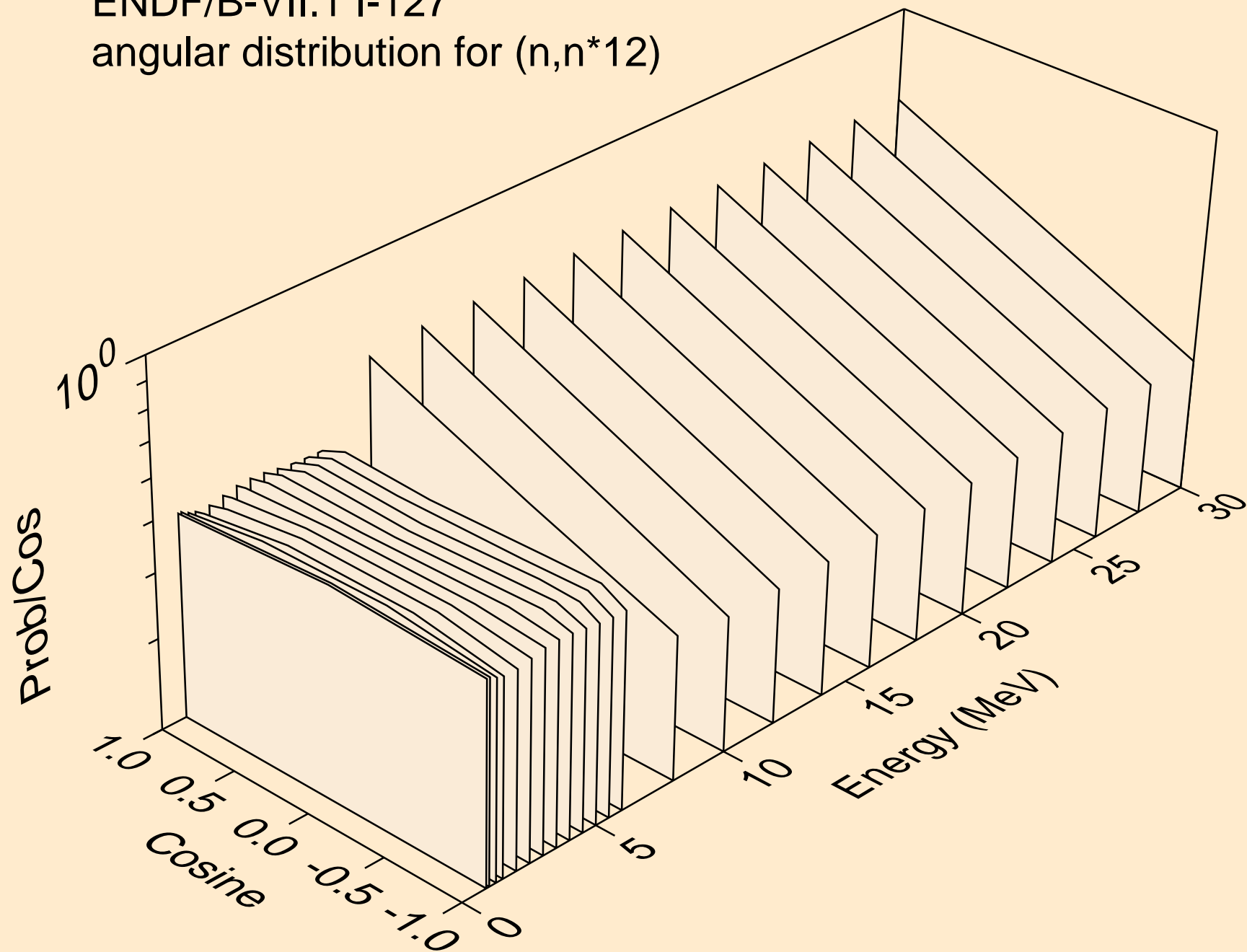
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angular distribution for (n,n\*10)



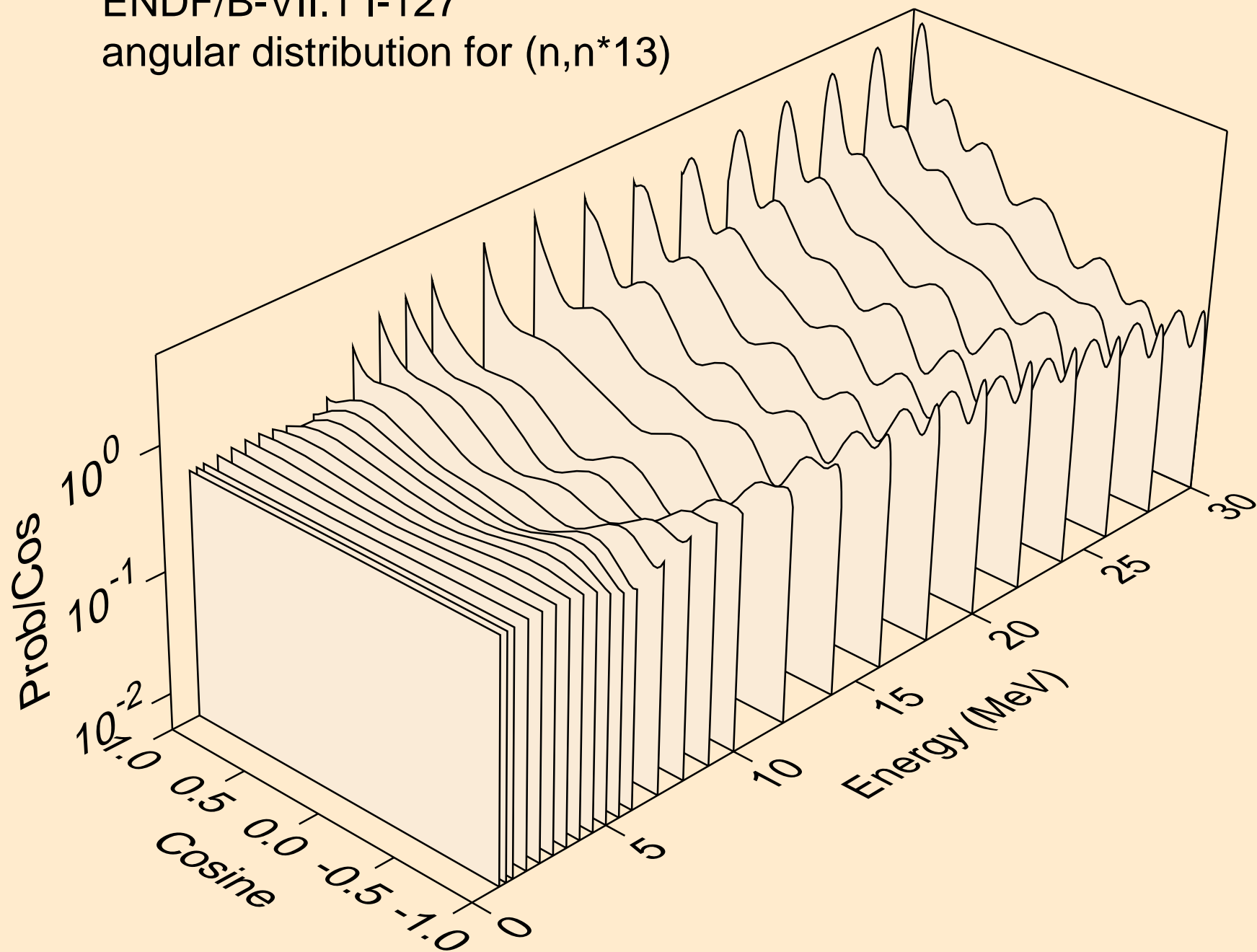
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*11)



ENDF/B-VII.1 I-127  
angular distribution for (n,n\*12)

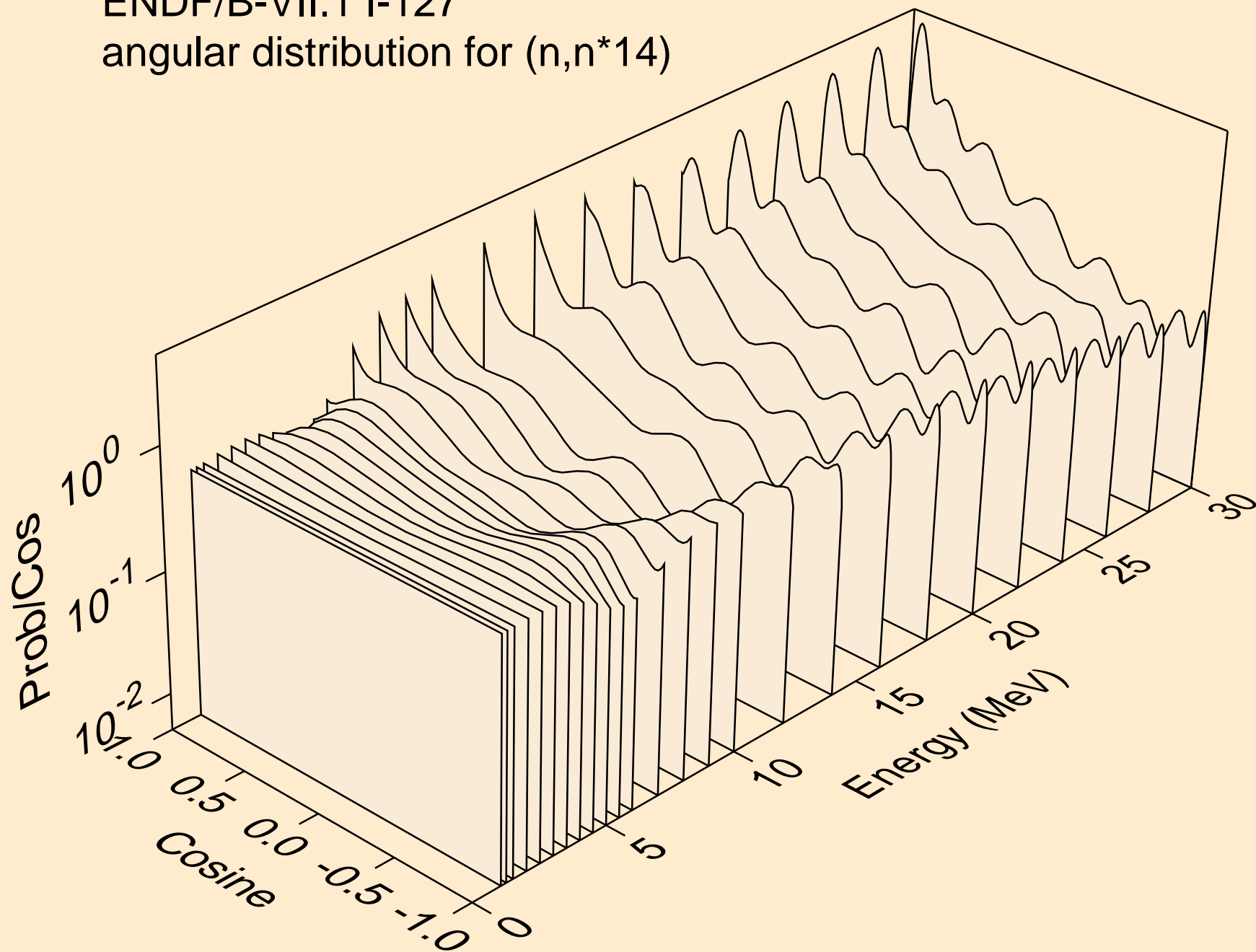


ENDF/B-VII.1 I-127  
angular distribution for (n,n\*13)

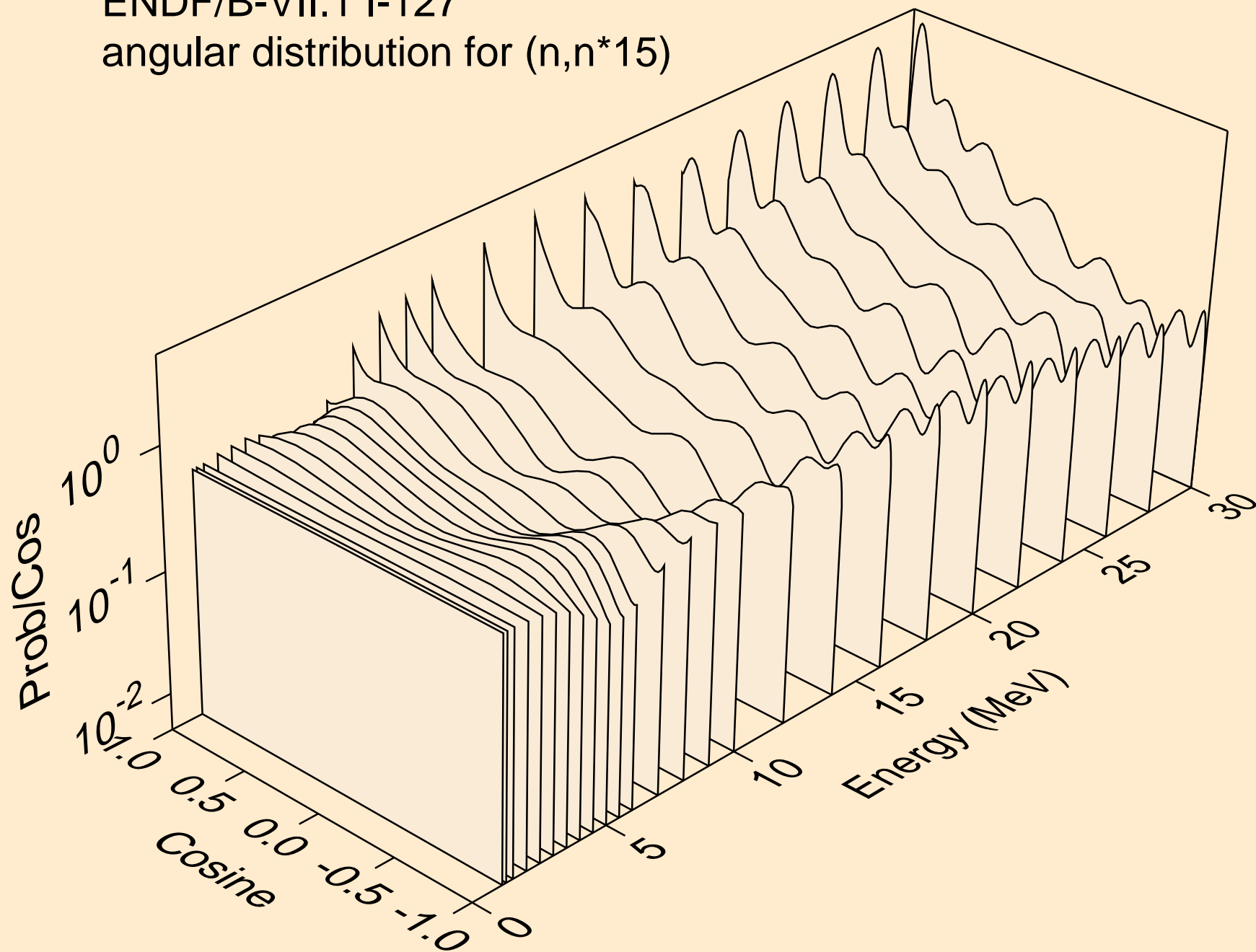




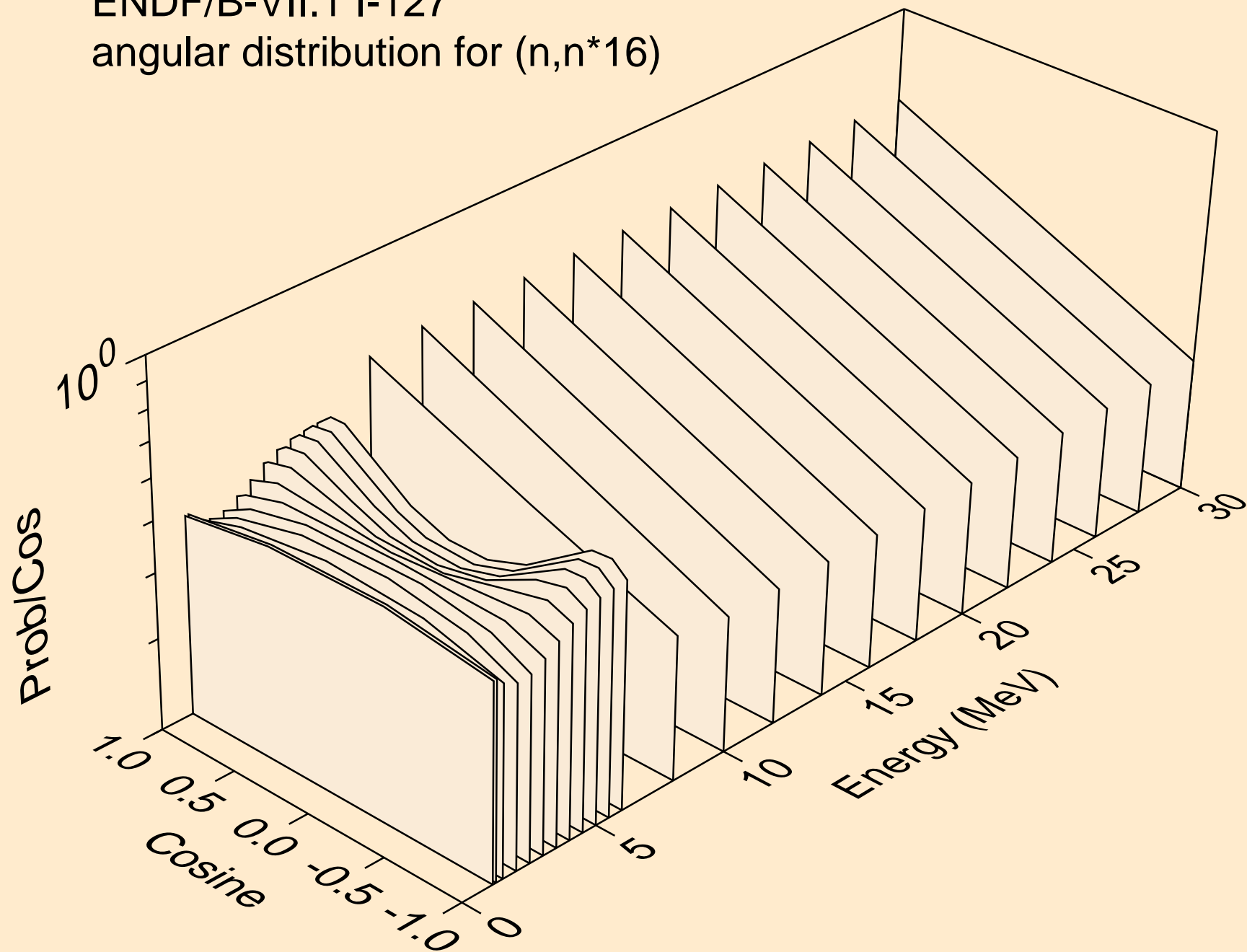
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angular distribution for (n,n\*14)



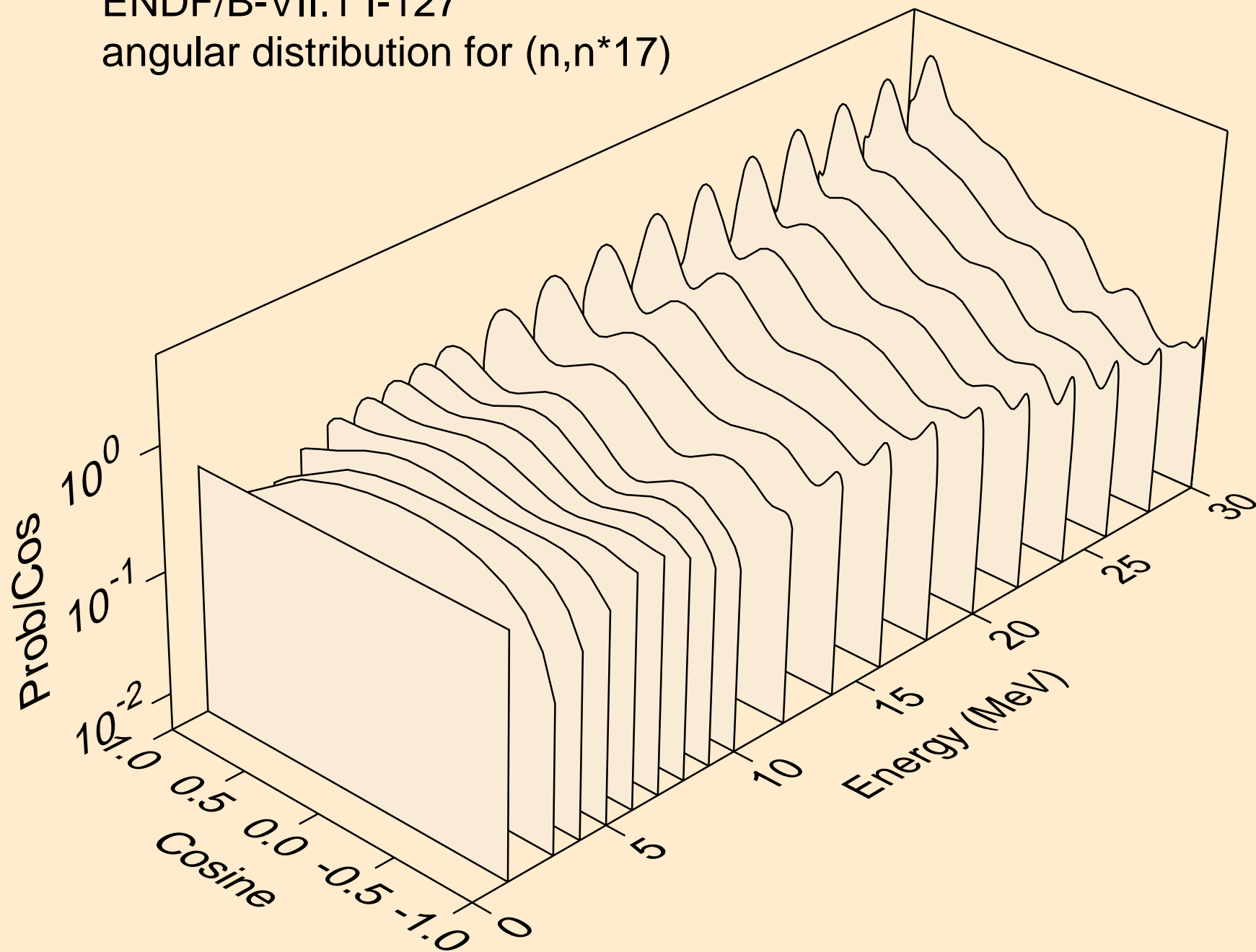
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angular distribution for (n,n\*15)



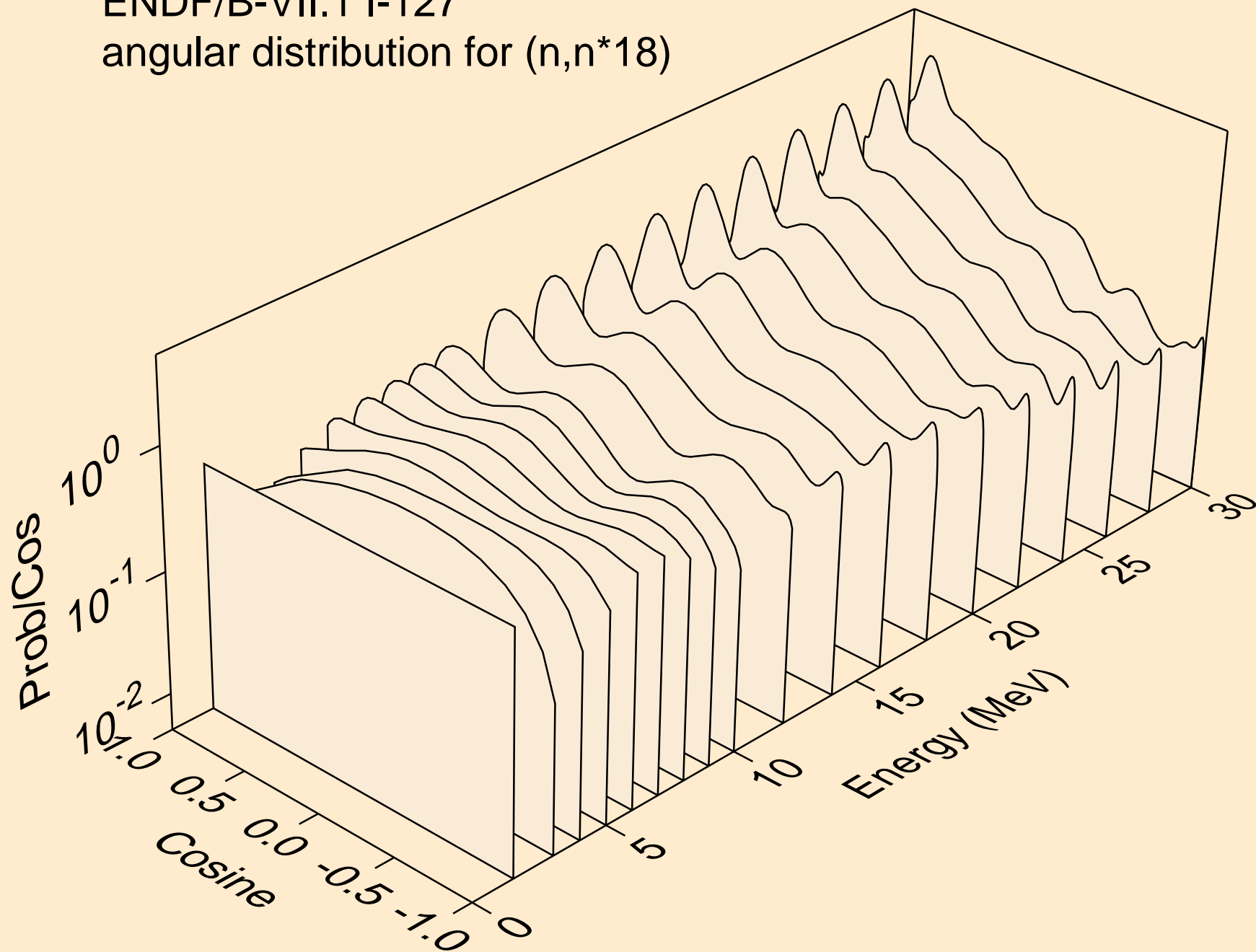
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angular distribution for (n,n\*16)



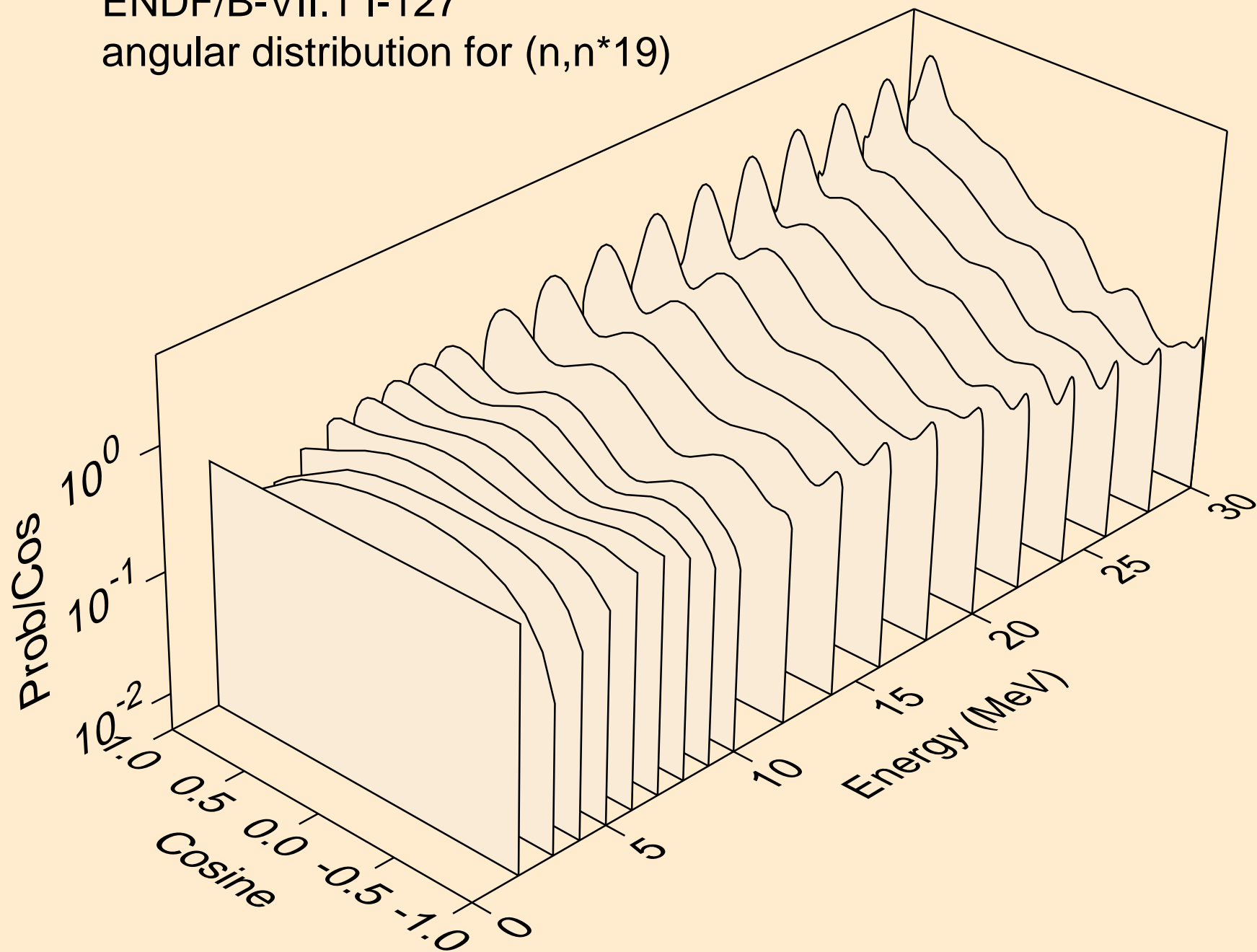
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angular distribution for (n,n\*17)



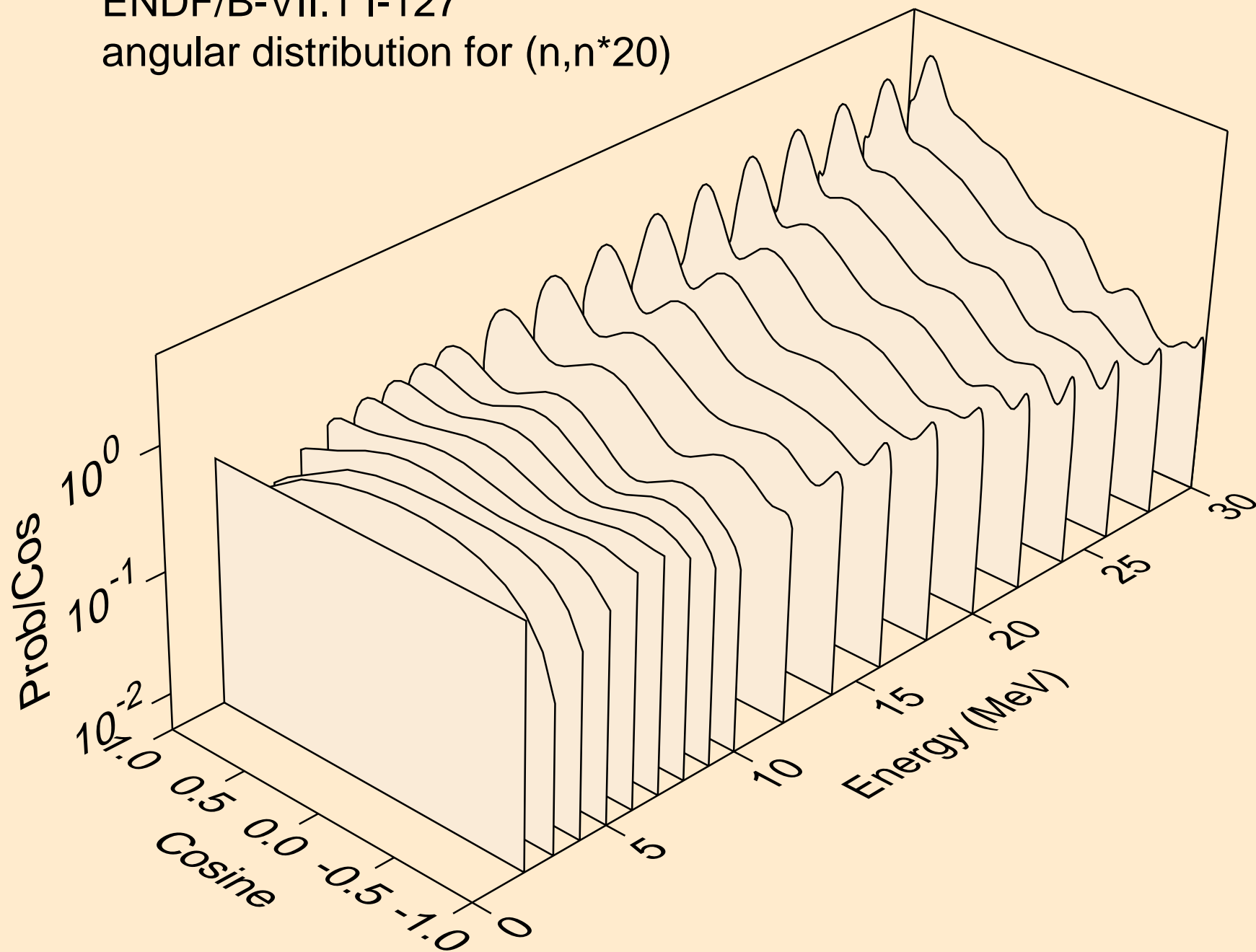
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angular distribution for (n,n\*18)



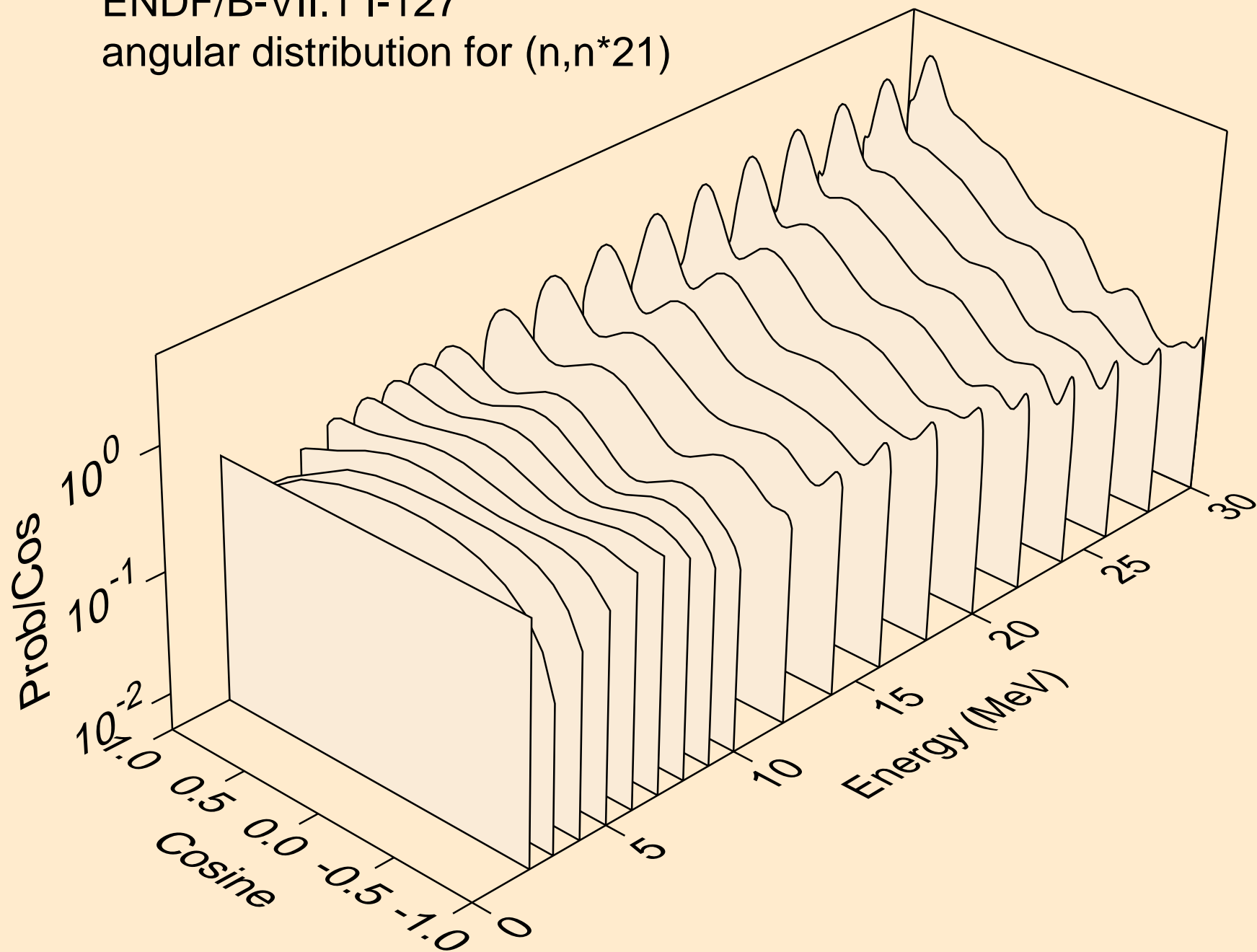
ENDF/B-VII.1 I-127  
angular distribution for (n,n\*19)



ENDF/B-VII.1 I-127  
angular distribution for (n,n\*20)

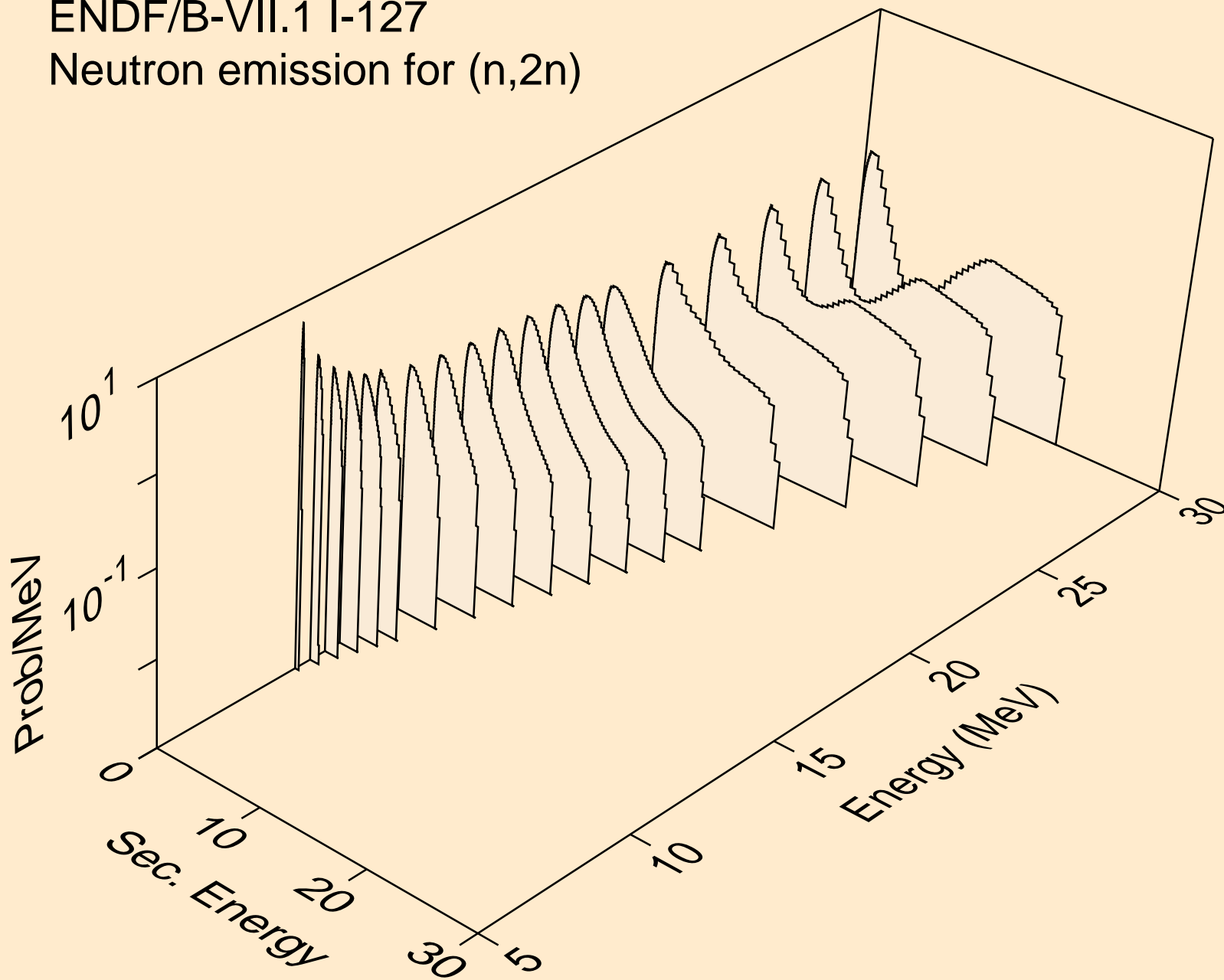


ENDF/B-VII.1 I-127  
angular distribution for (n,n\*21)

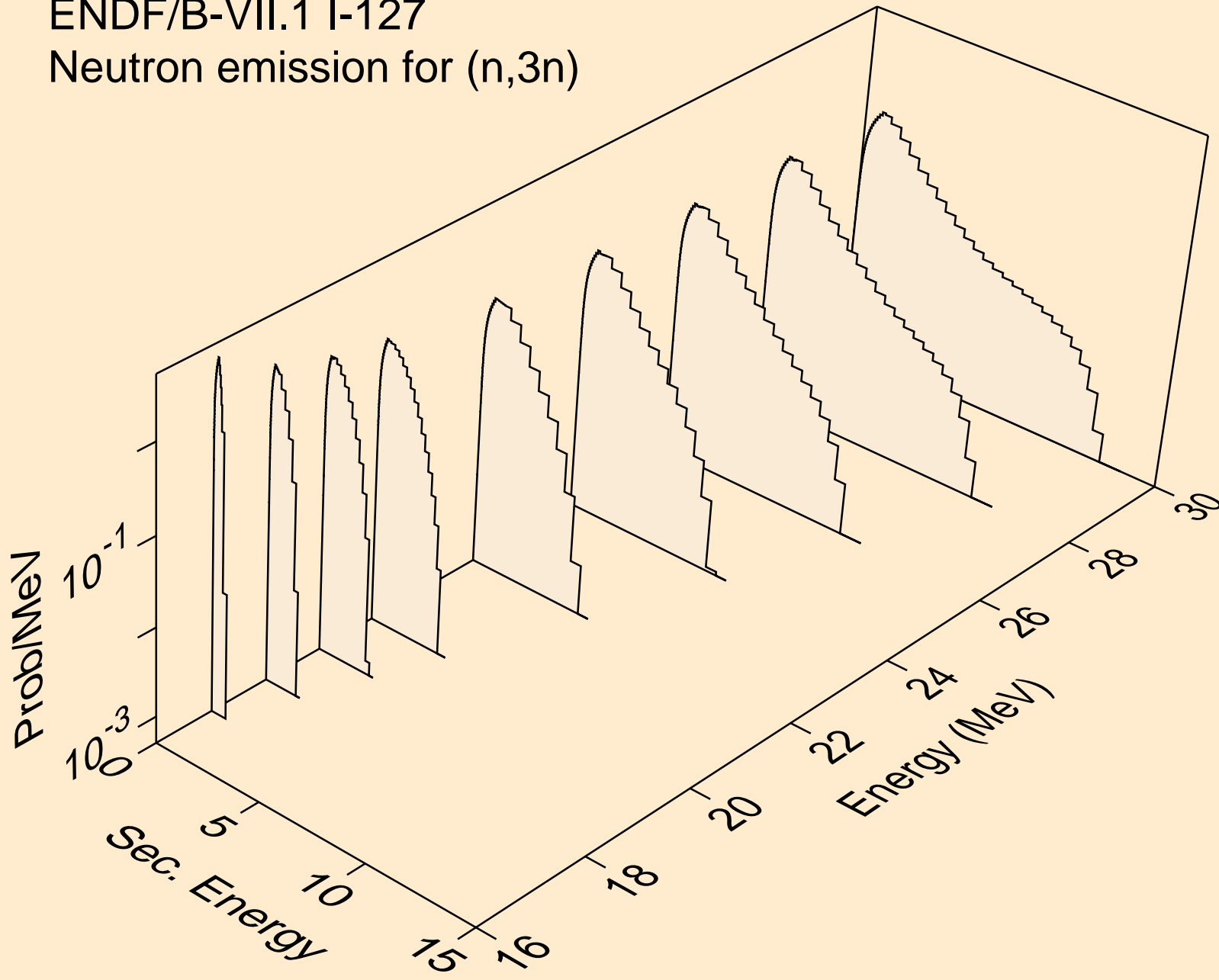




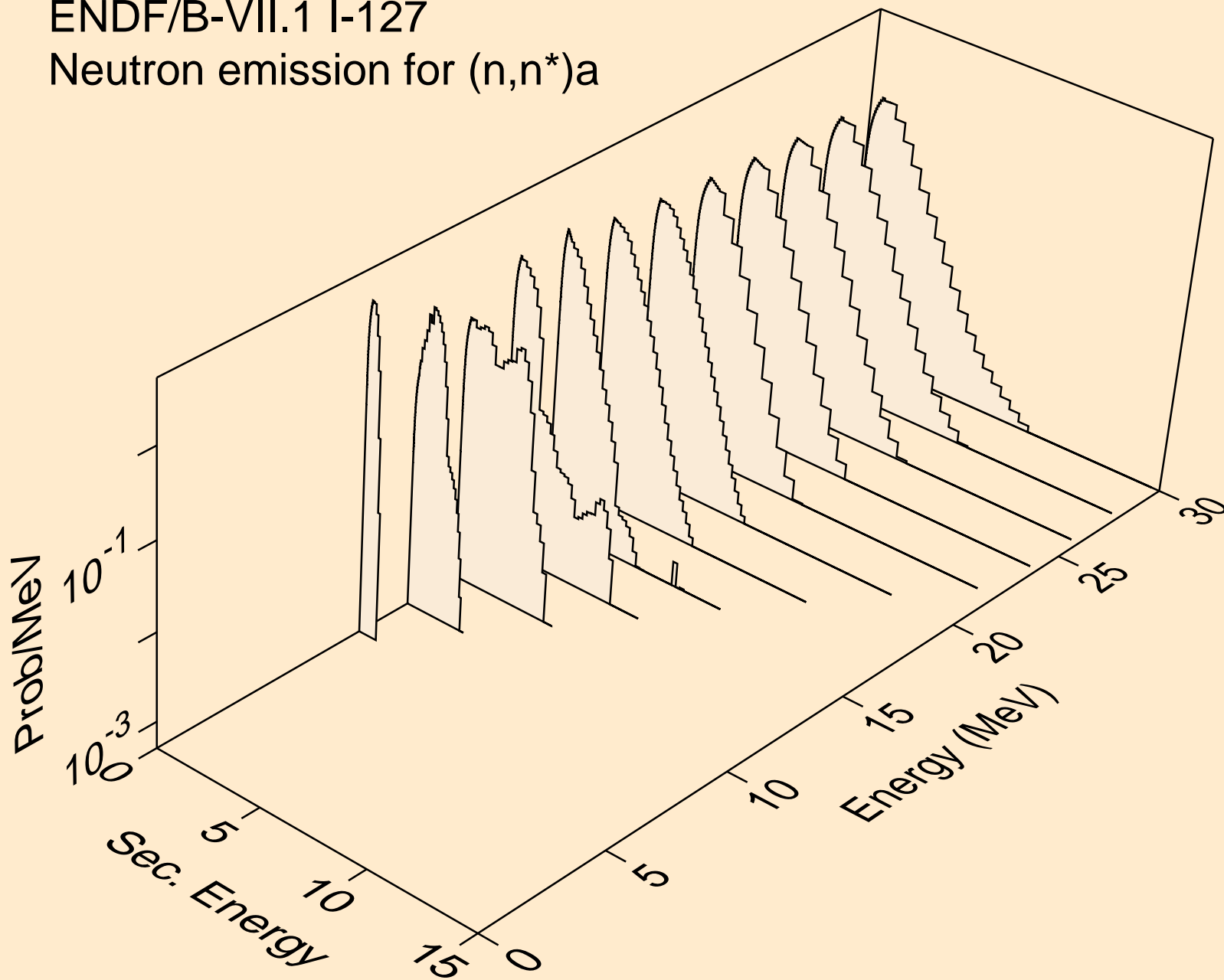
ENDF/B-VII.1 I-127  
Neutron emission for (n,2n)



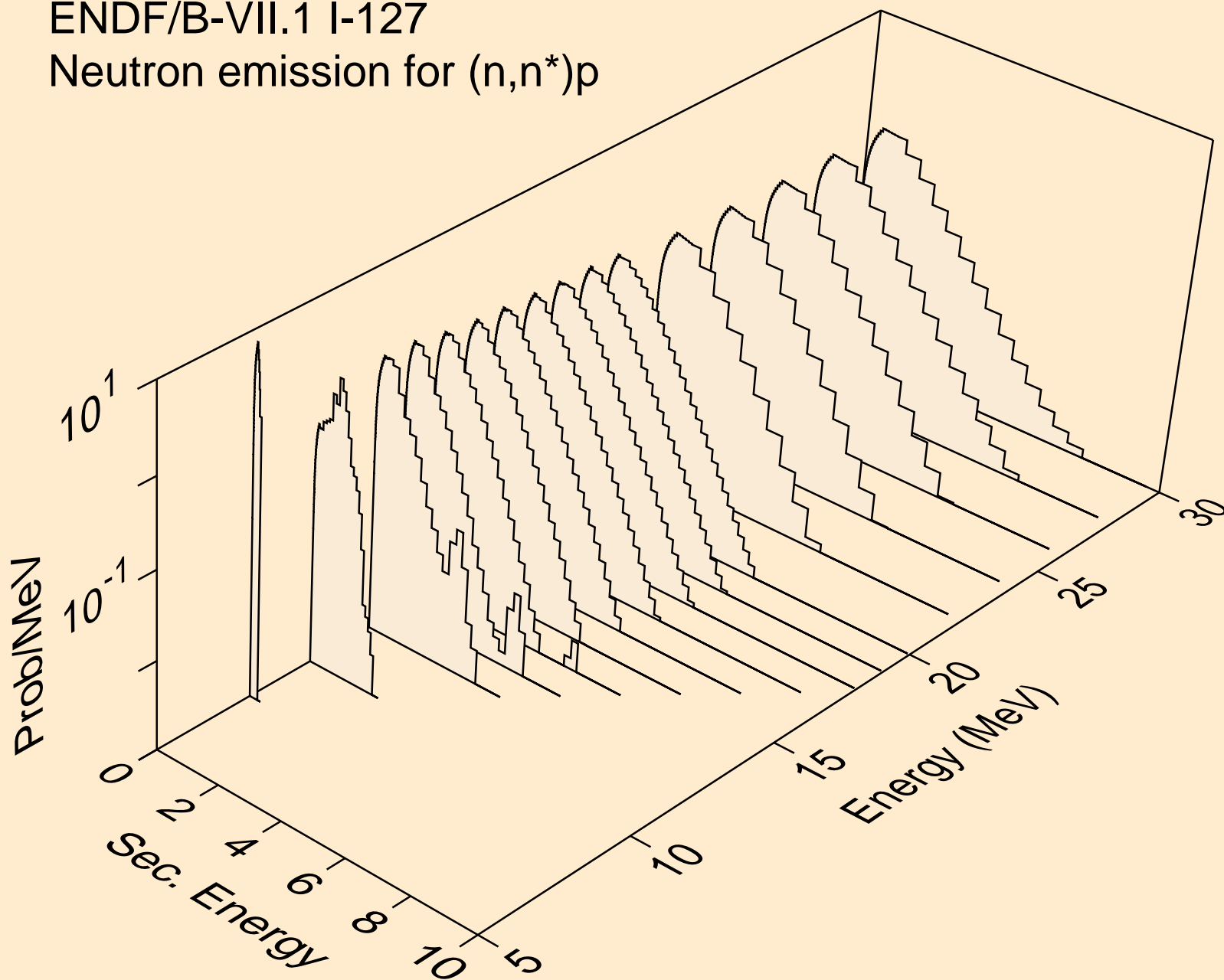
ENDF/B-VII.1 I-127  
Neutron emission for (n,3n)



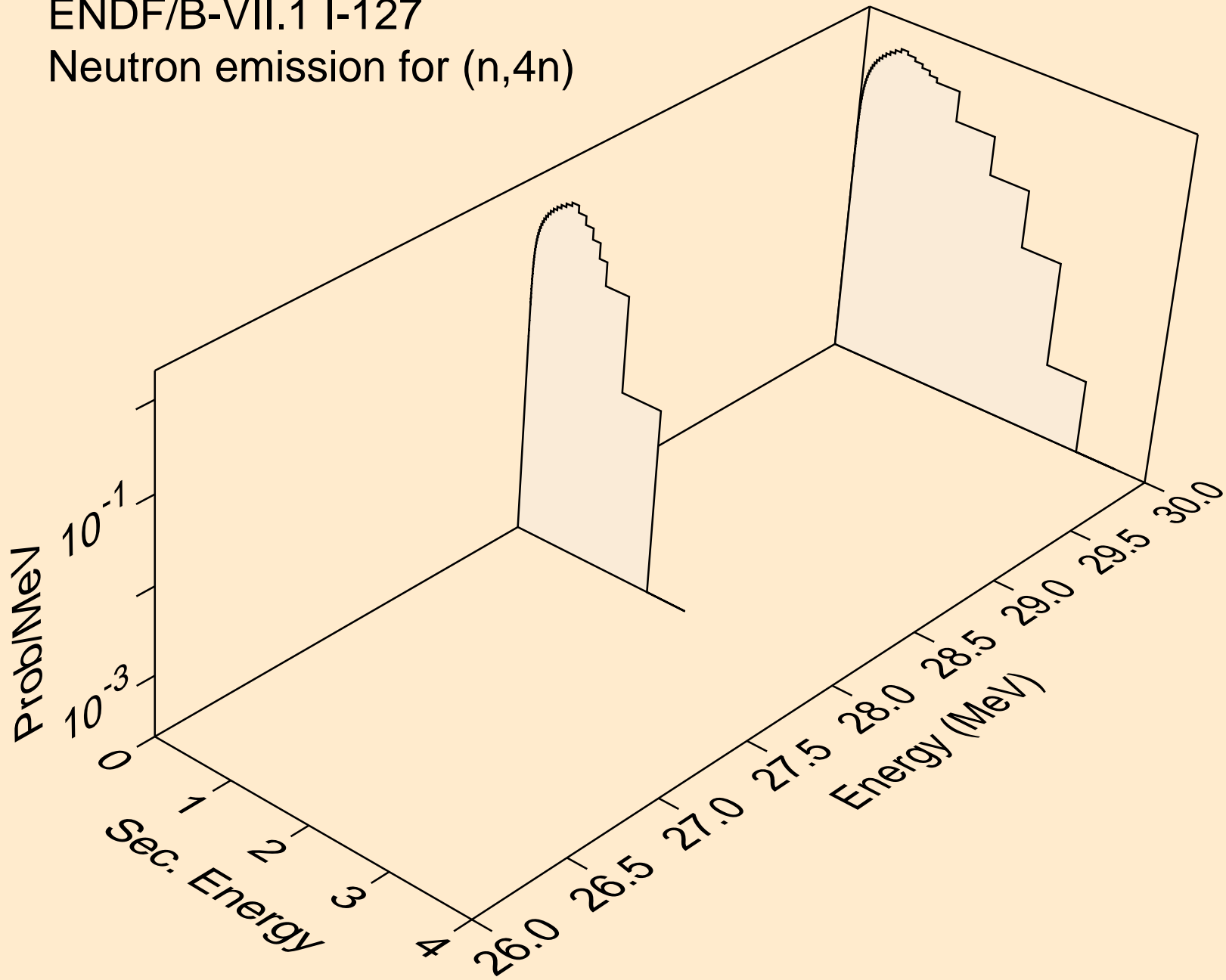
ENDF/B-VII.1 I-127  
Neutron emission for (n,n\*)a



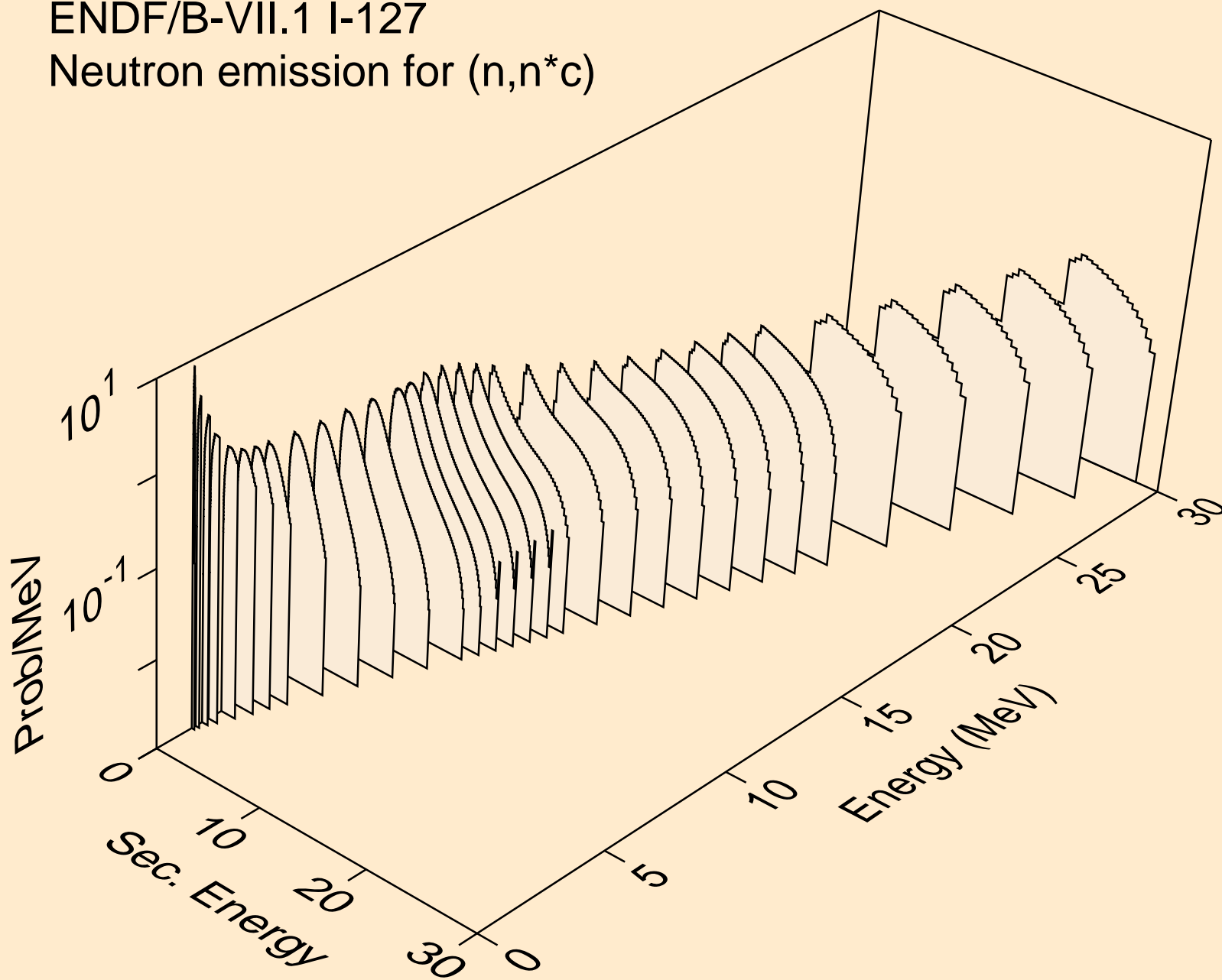
ENDF/B-VII.1 I-127  
Neutron emission for (n,n\*)p



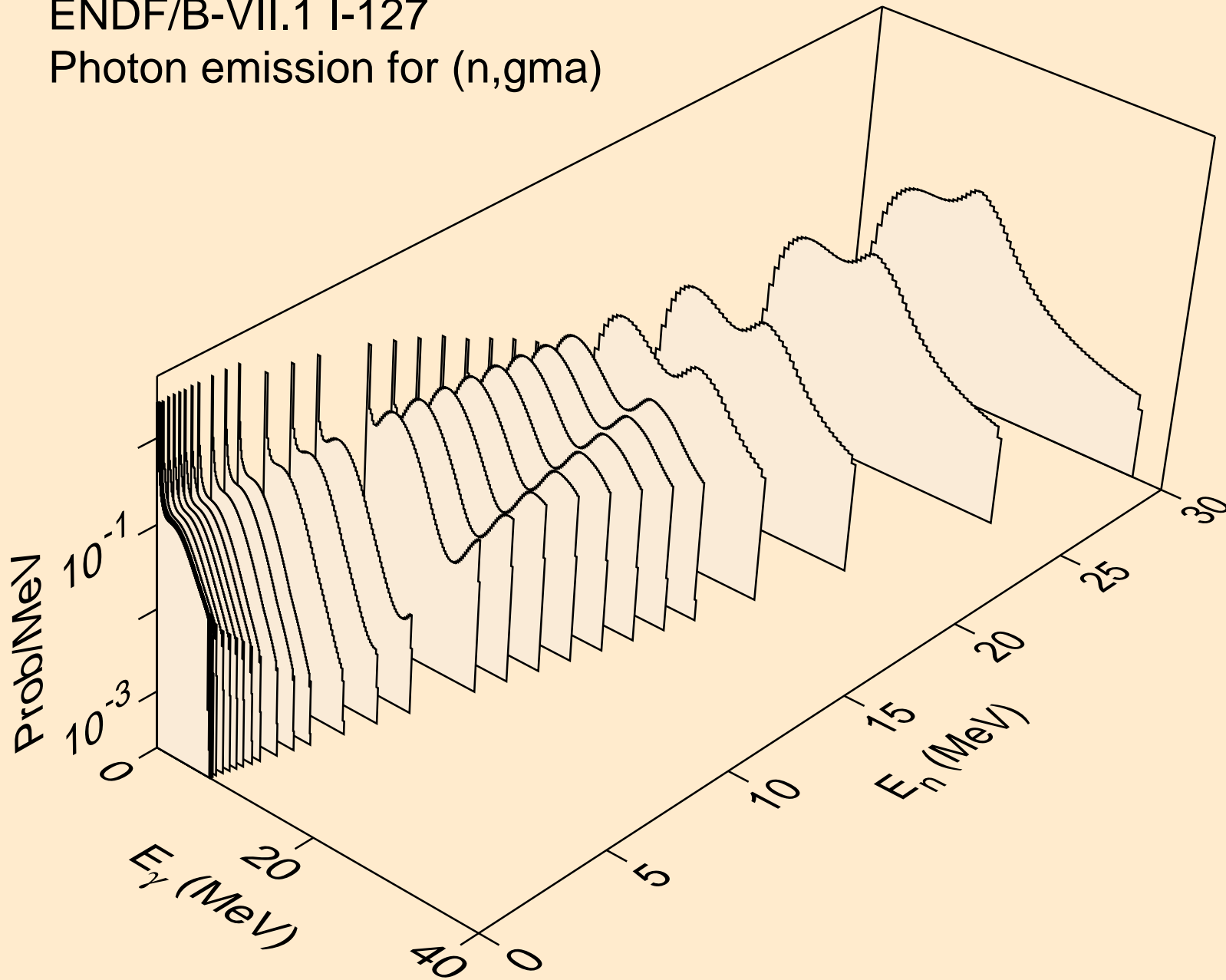
ENDF/B-VII.1 I-127  
Neutron emission for (n,4n)



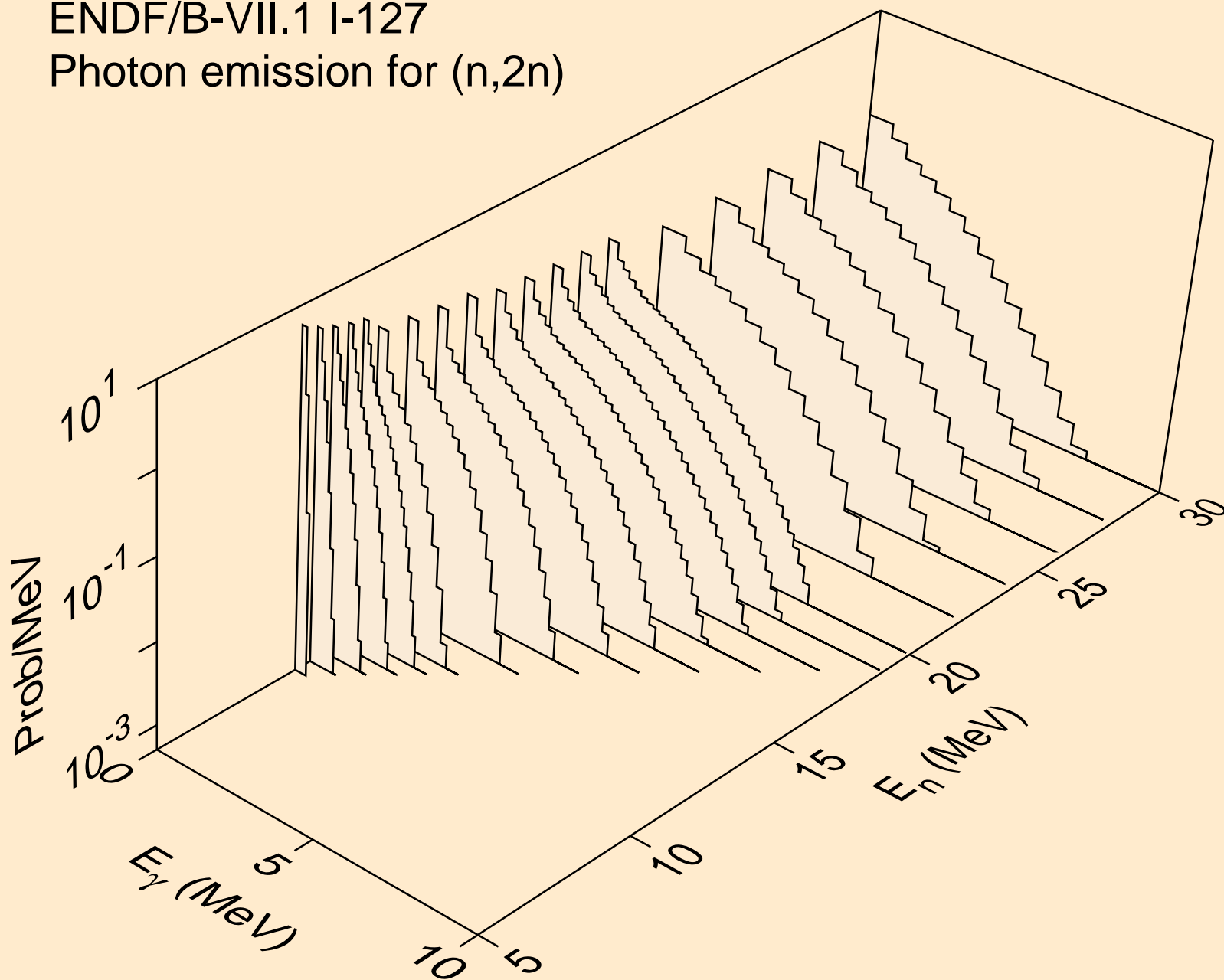
ENDF/B-VII.1 I-127  
Neutron emission for (n,n\*c)



ENDF/B-VII.1 I-127  
Photon emission for (n,gma)

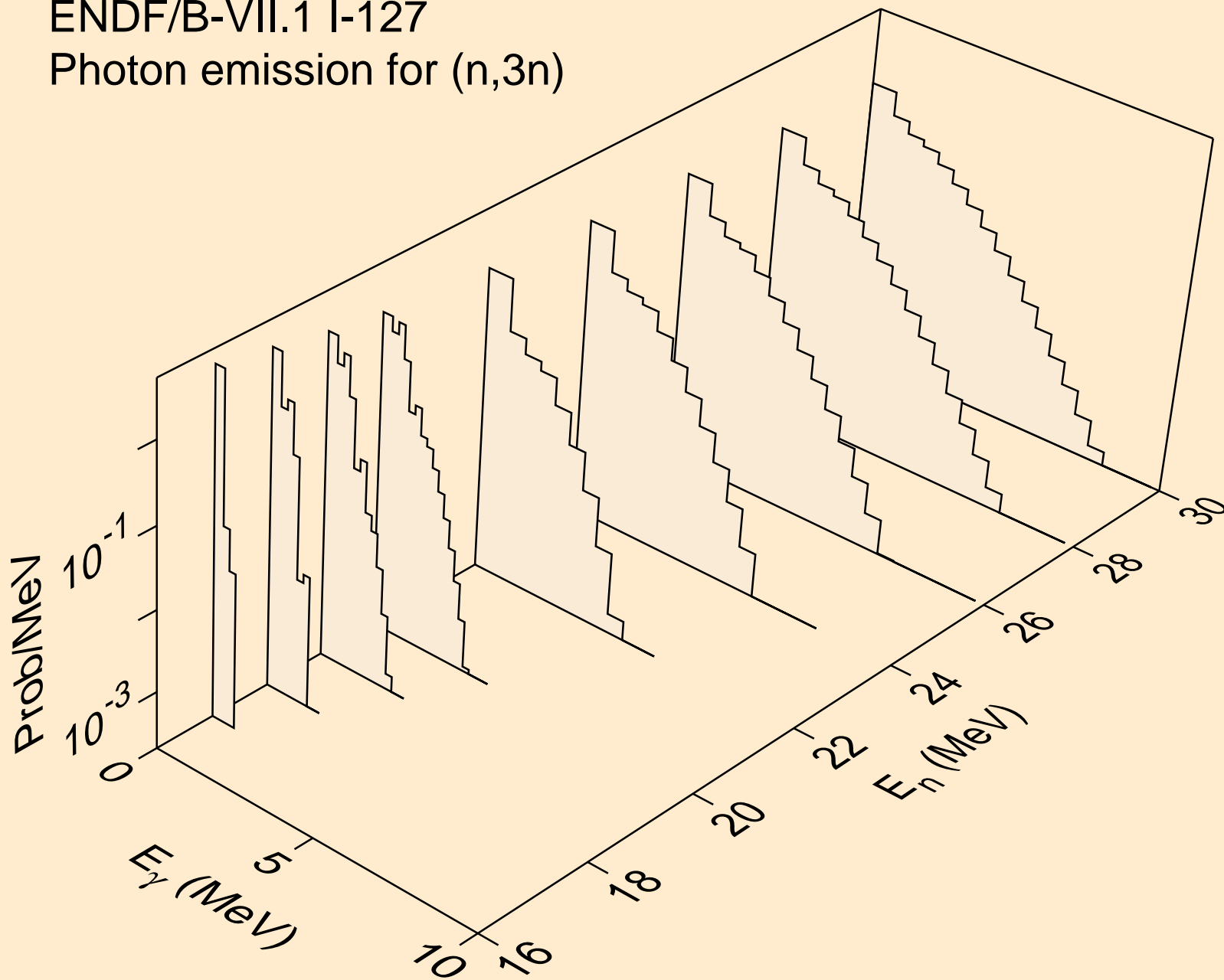


ENDF/B-VII.1 I-127  
Photon emission for (n,2n)

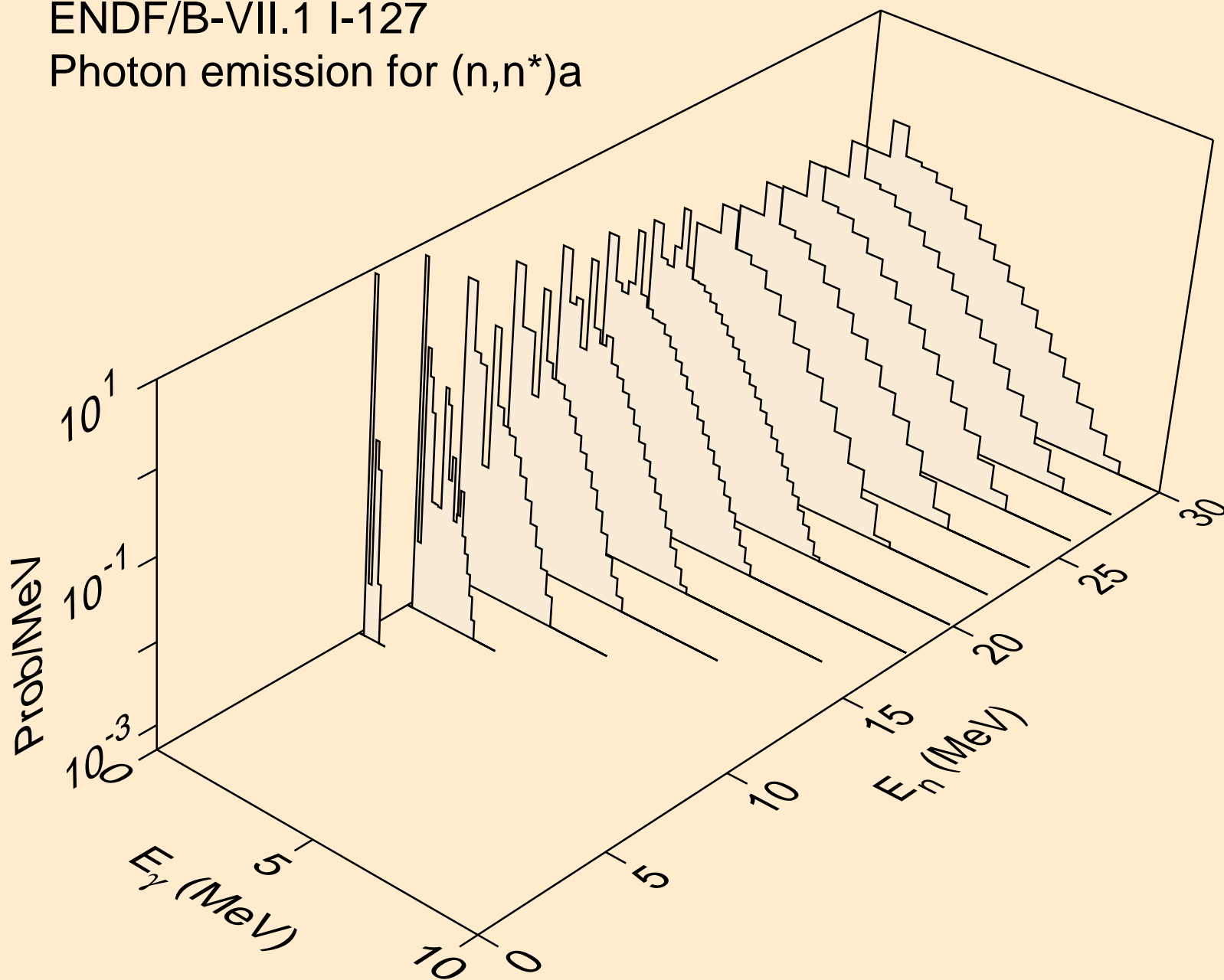




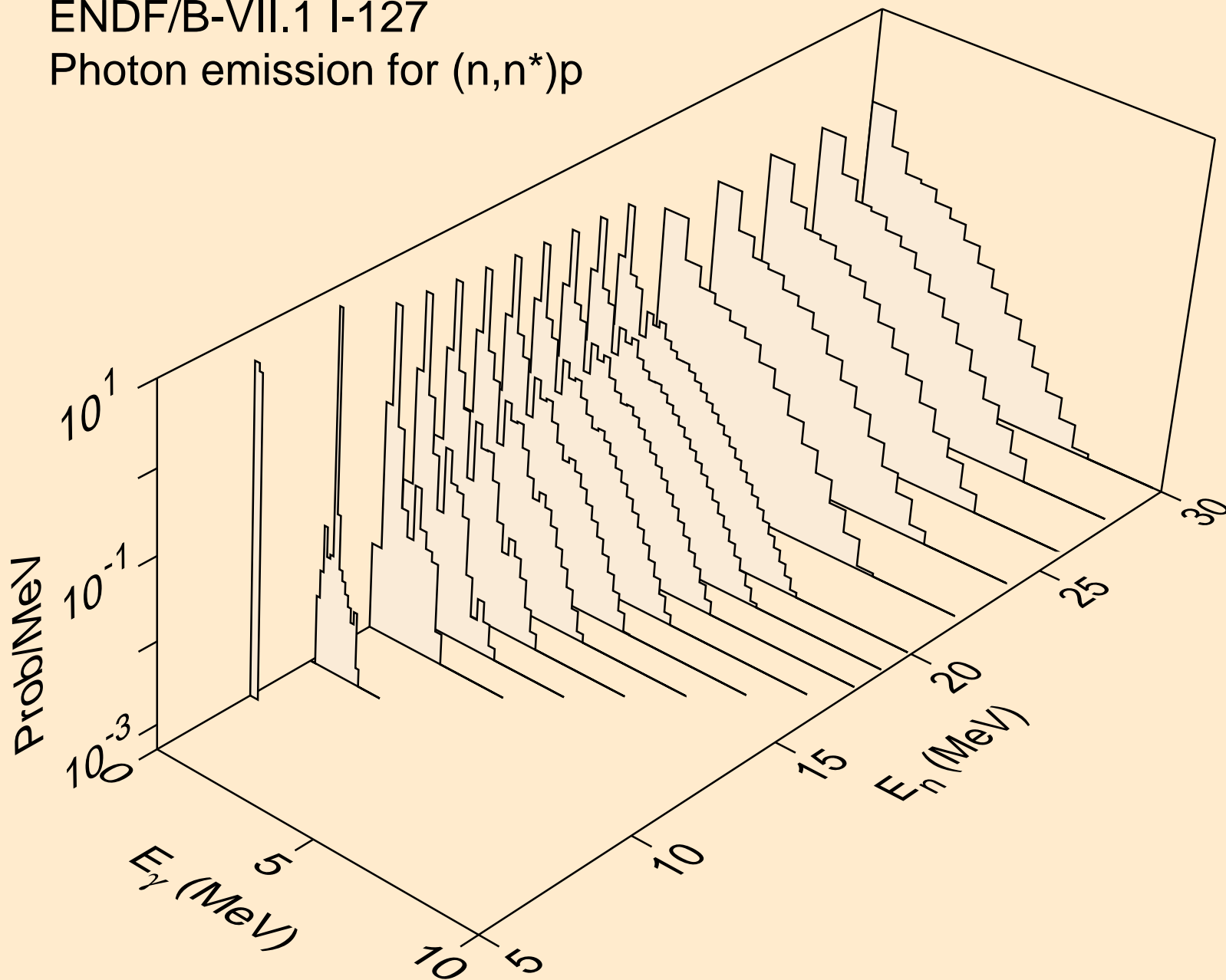
ENDF/B-VII.1 I-127  
Photon emission for (n,3n)



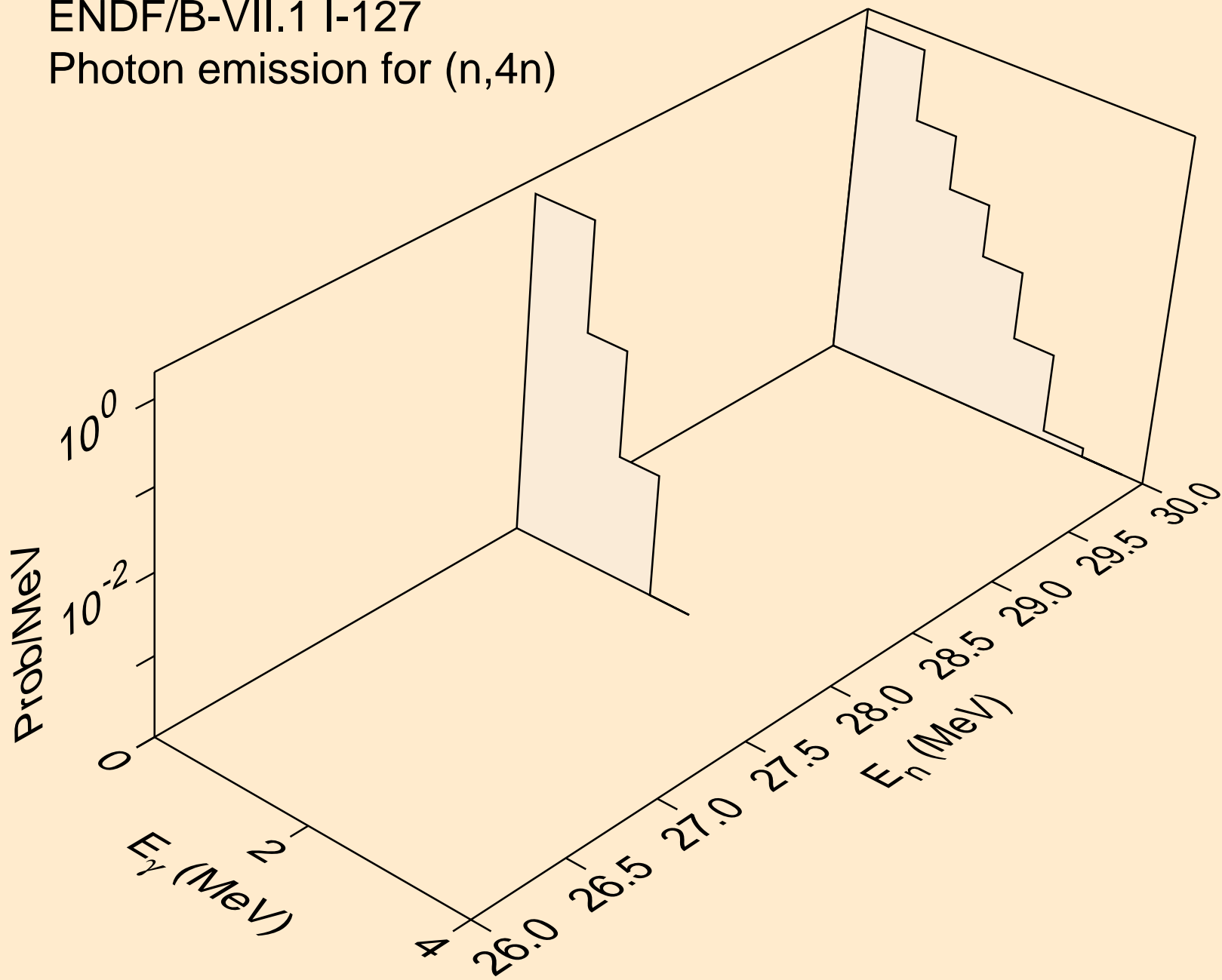
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Photon emission for (n,n\*)a



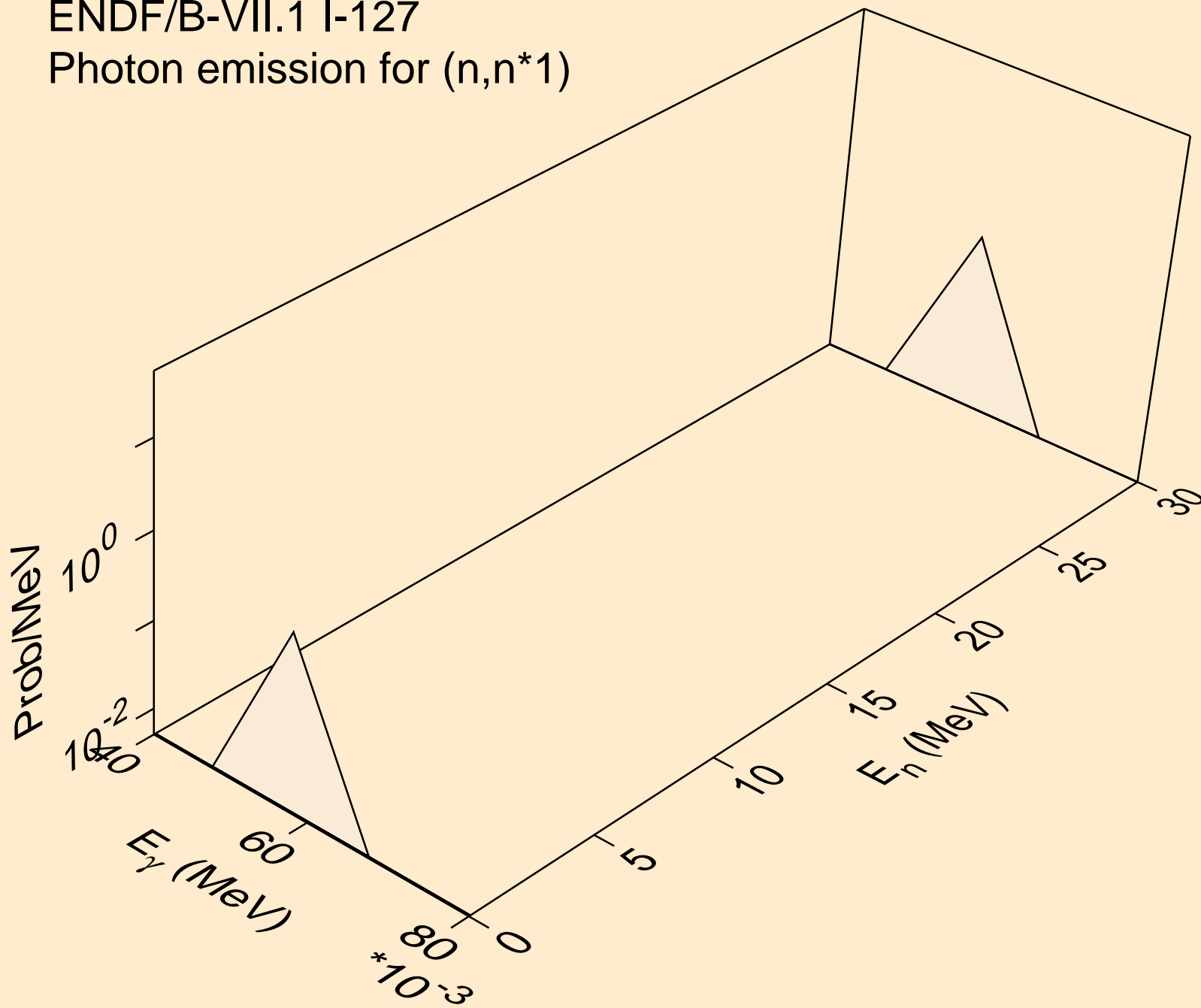
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Photon emission for (n,n\*)p



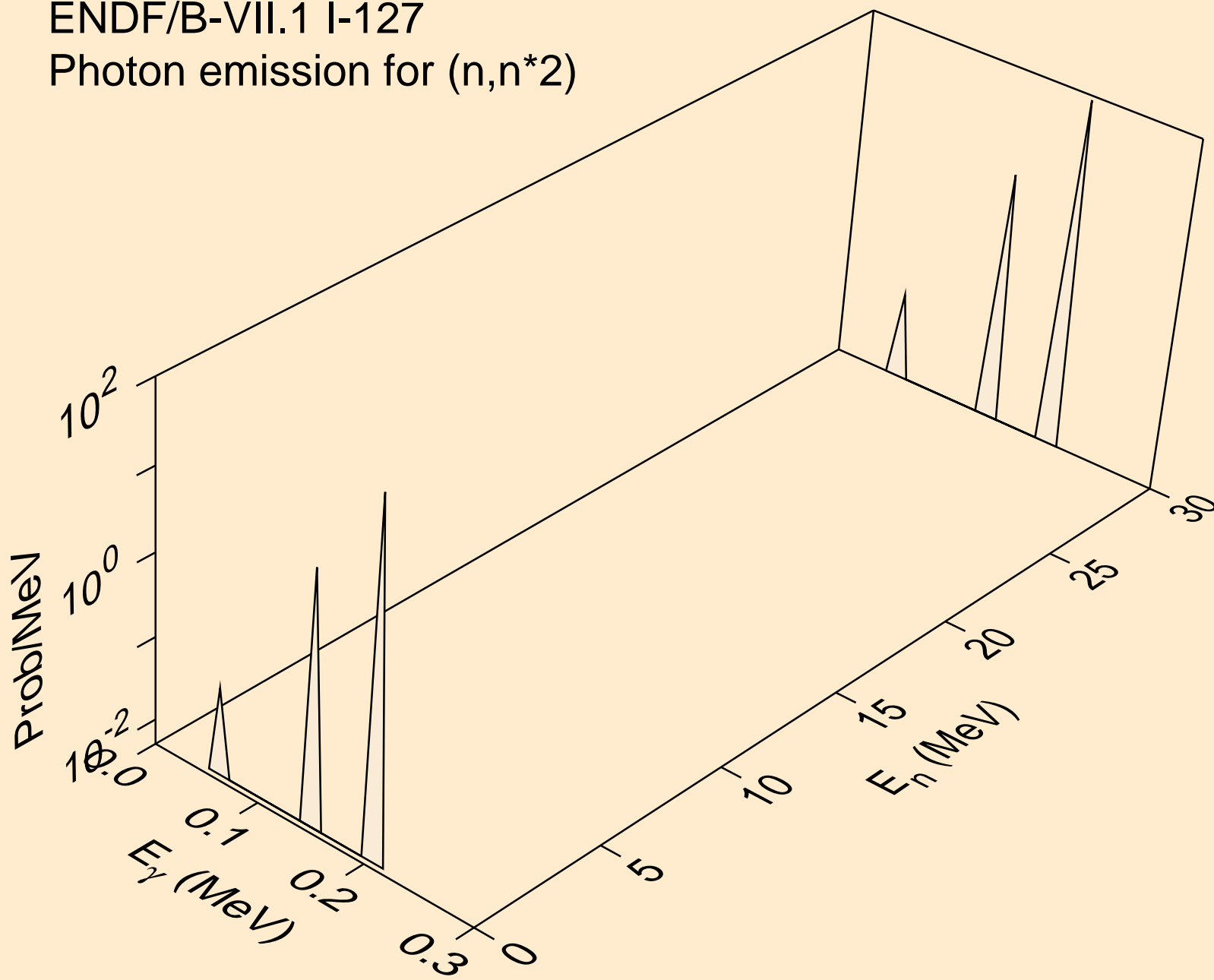
ENDF/B-VII.1 I-127  
Photon emission for (n,4n)



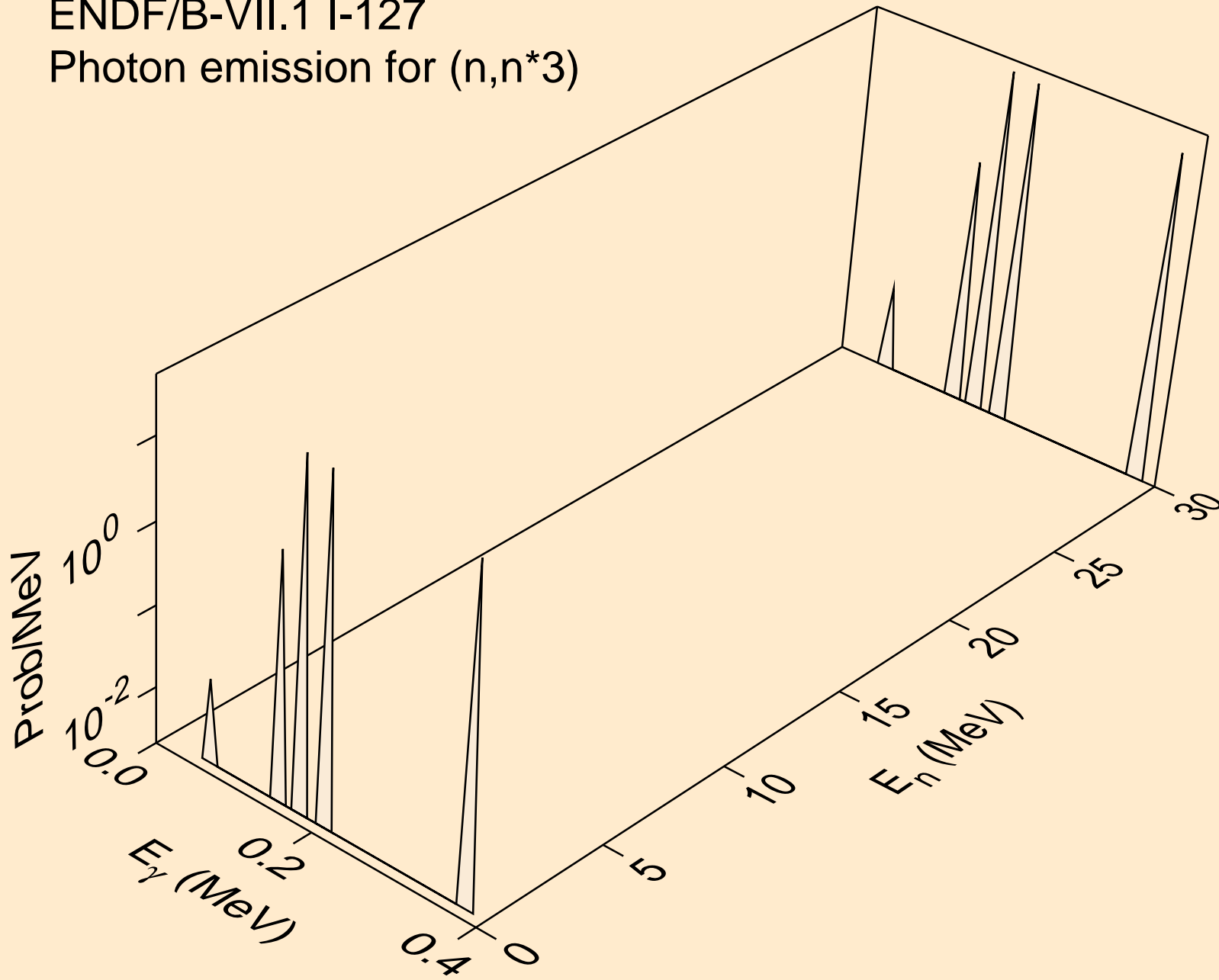
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*1)



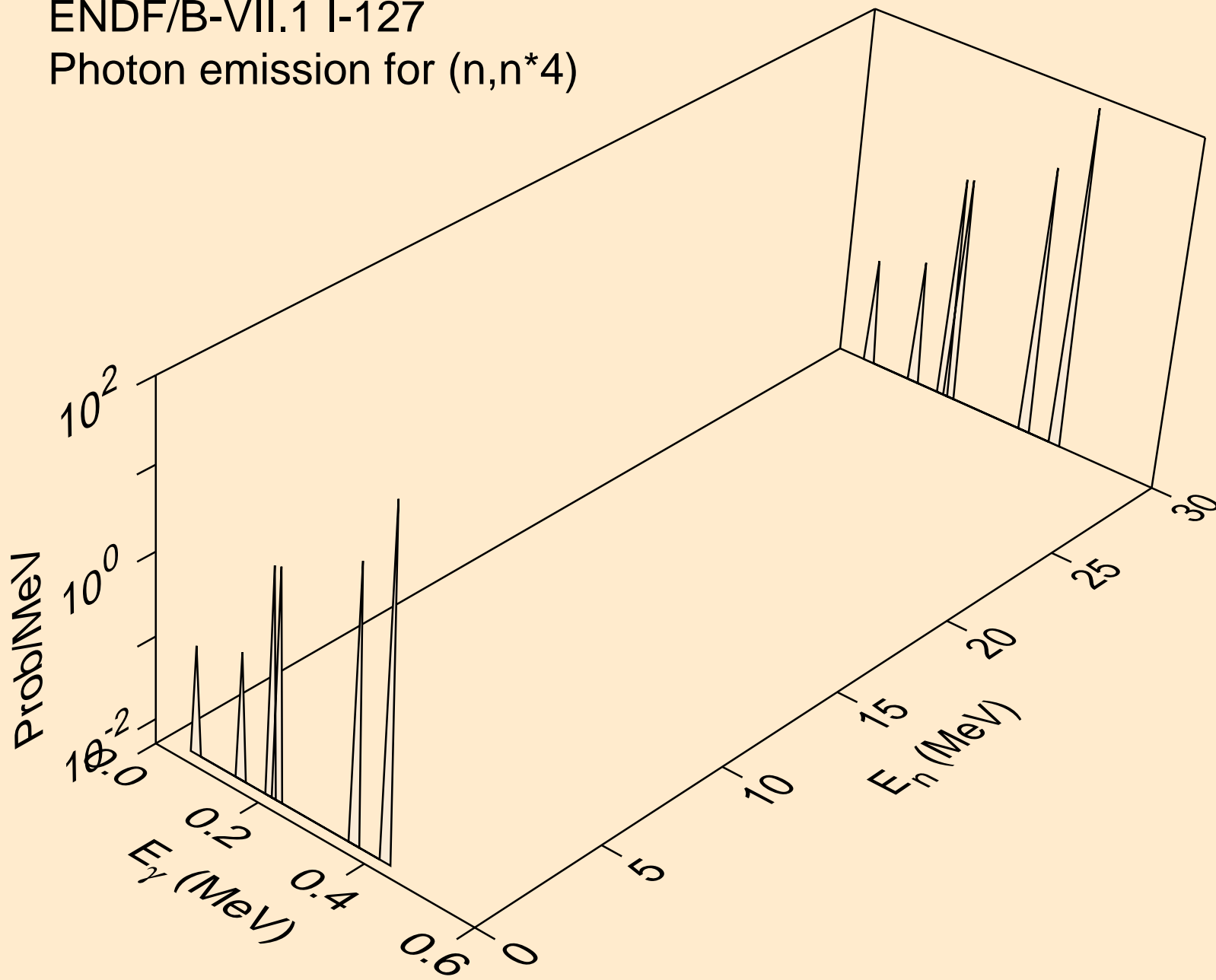
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*2)



ENDF/B-VII.1 I-127  
Photon emission for (n,n\*3)

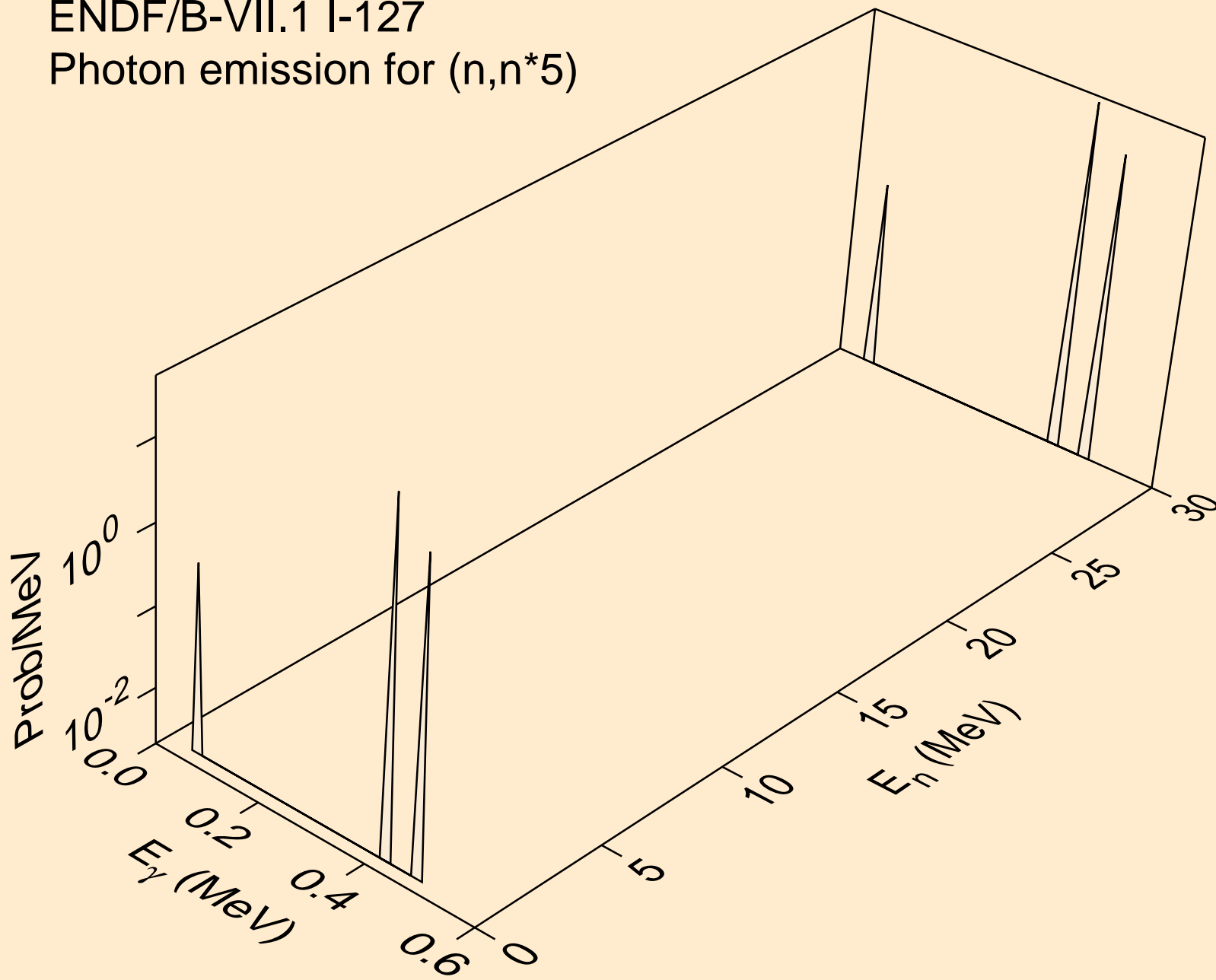


ENDF/B-VII.1 I-127  
Photon emission for (n,n\*4)

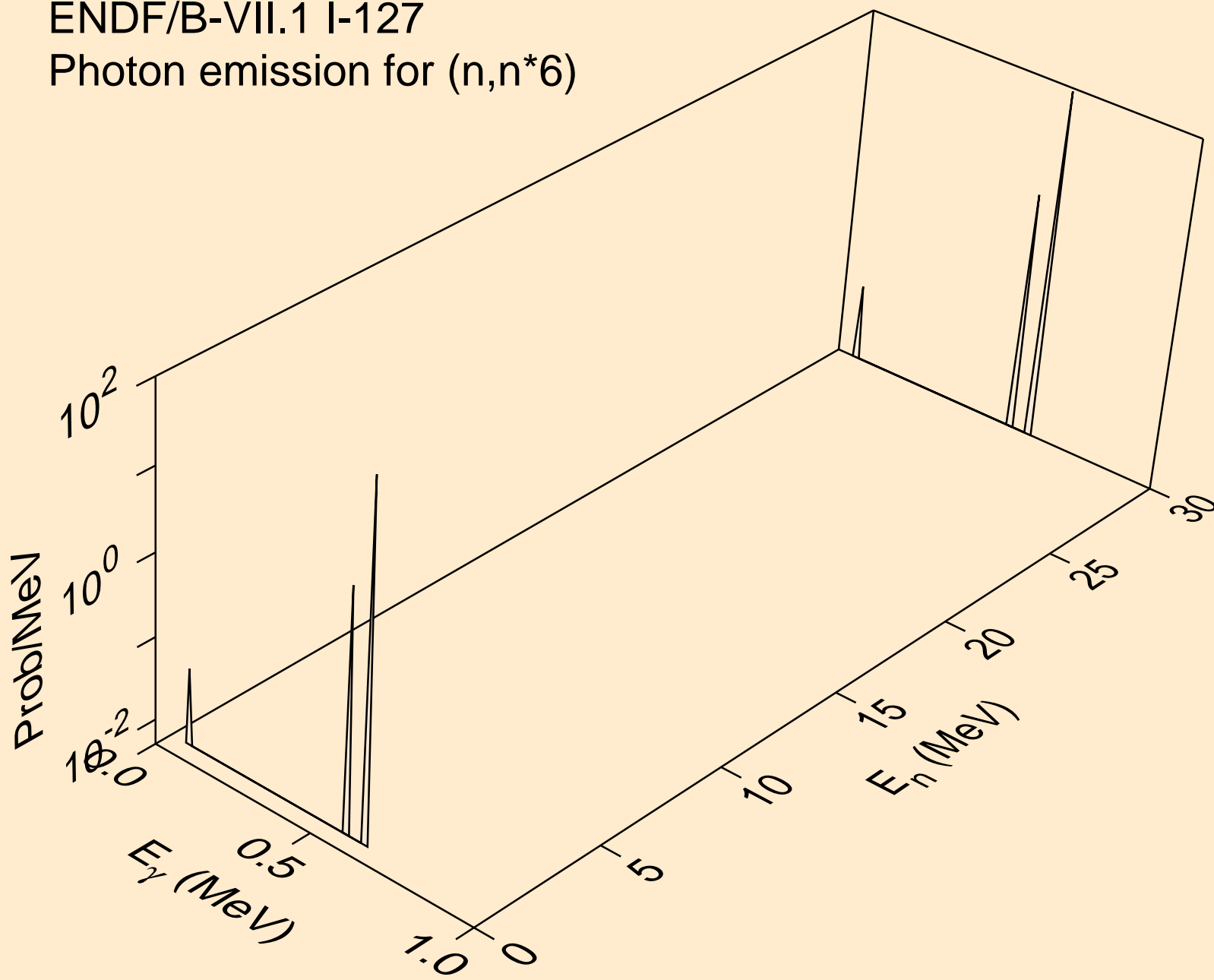




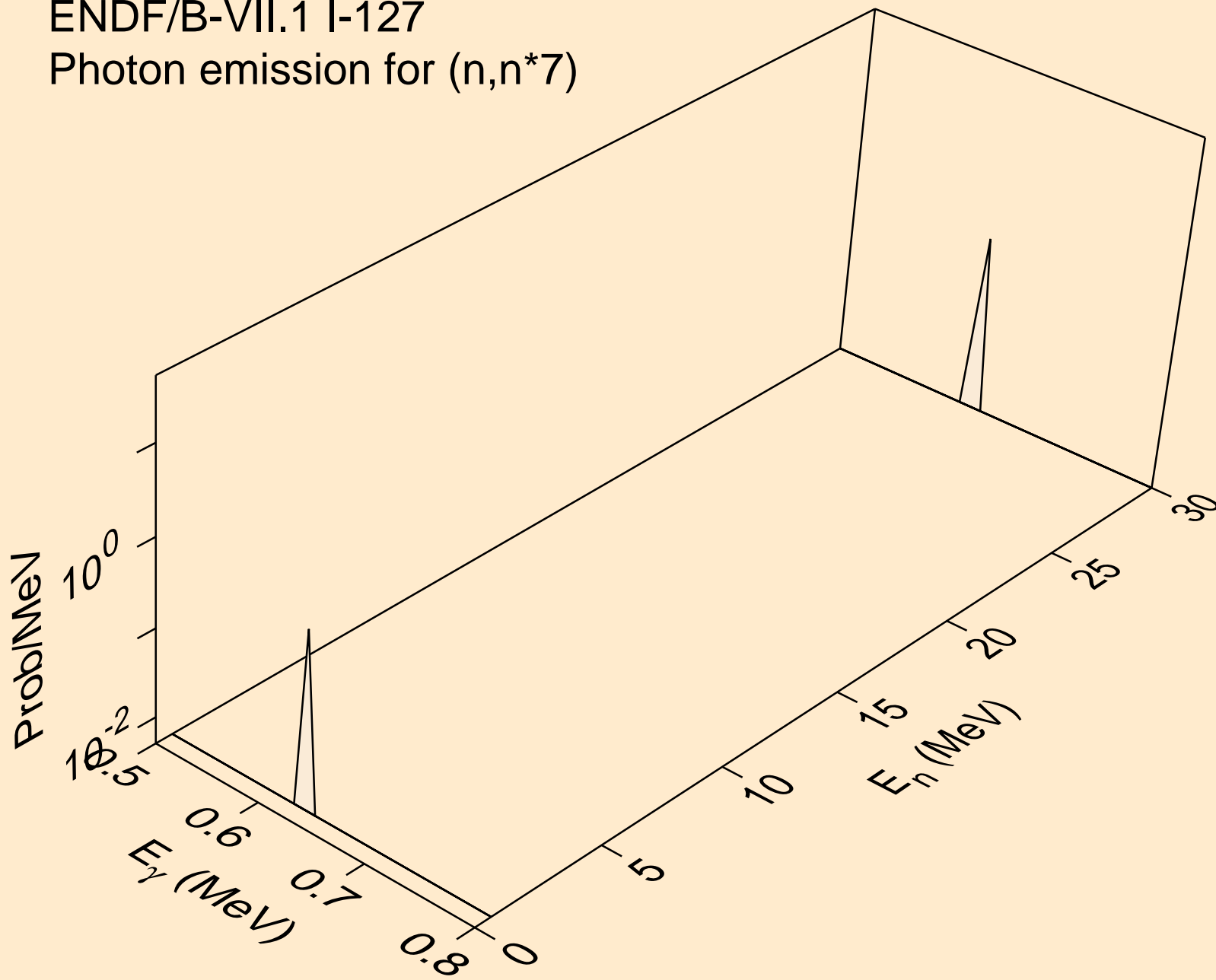
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*5)



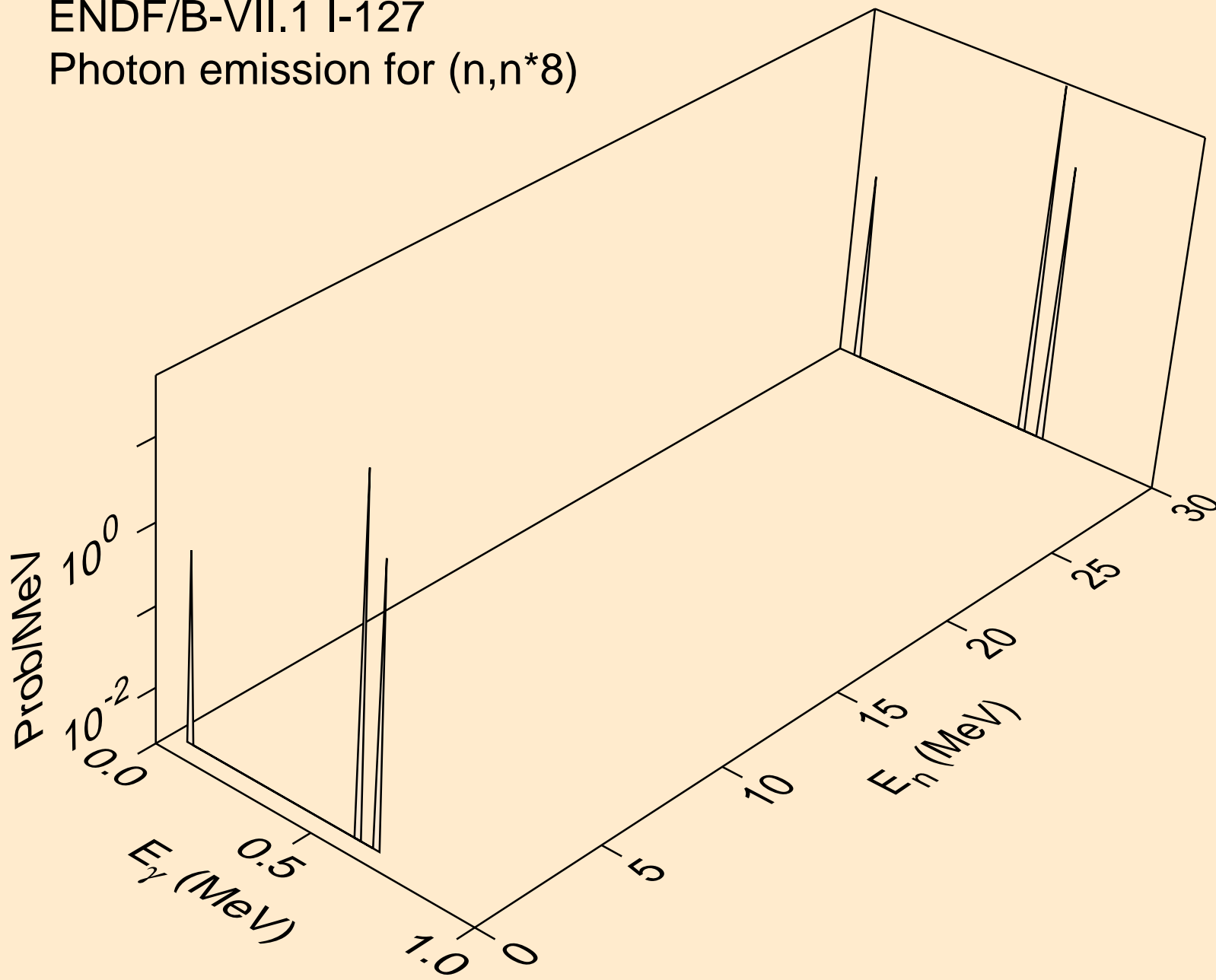
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*6)



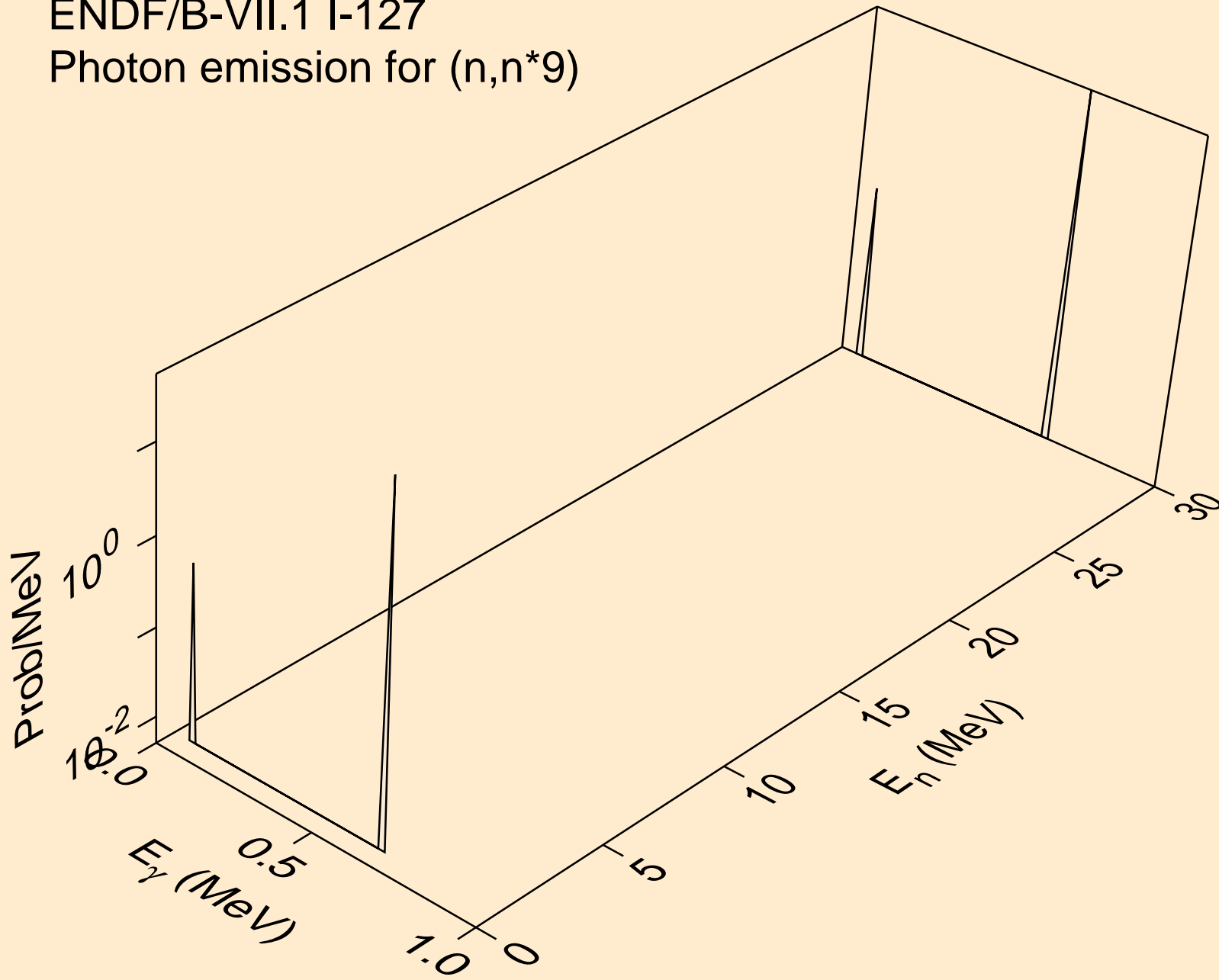
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*7)



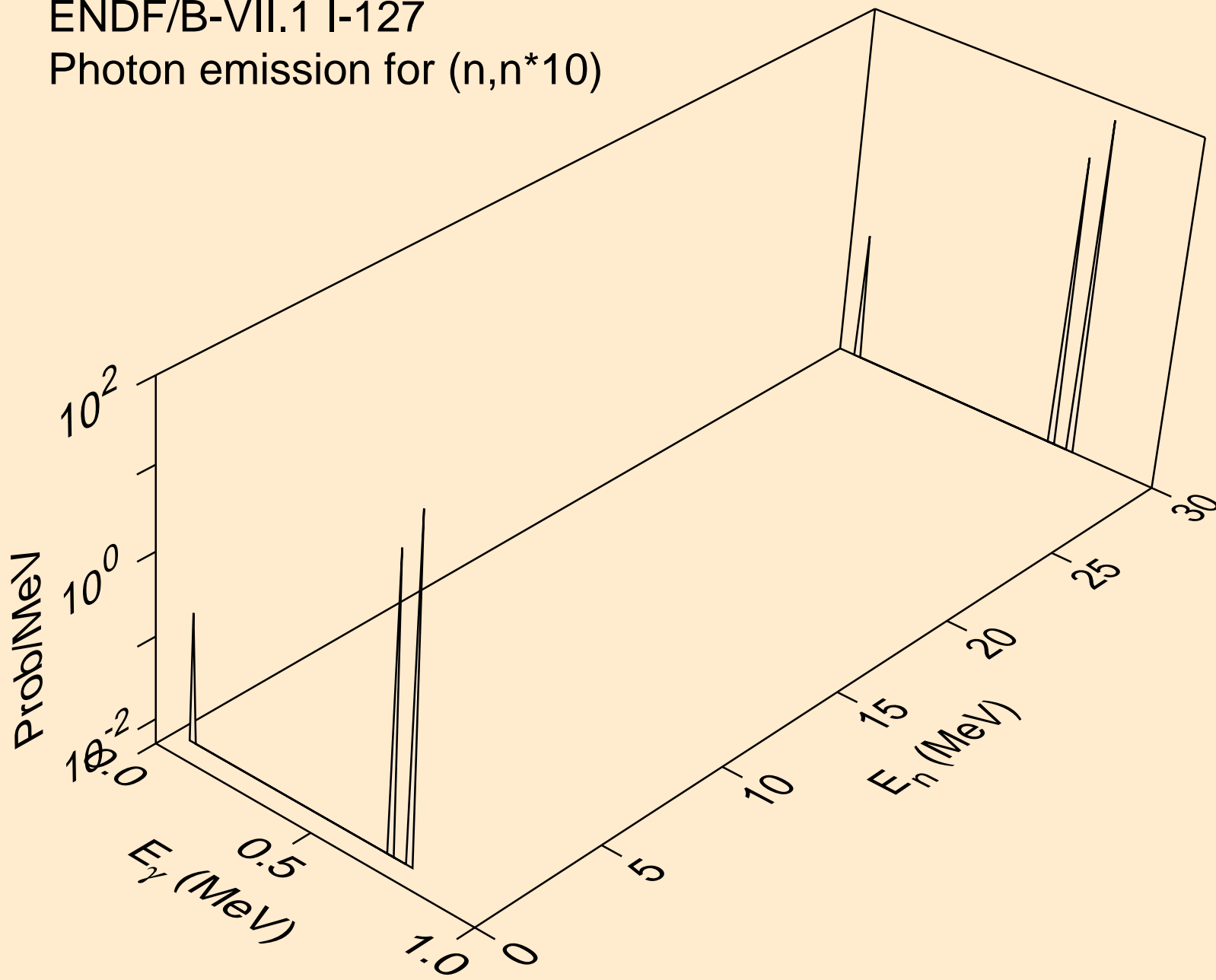
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*8)



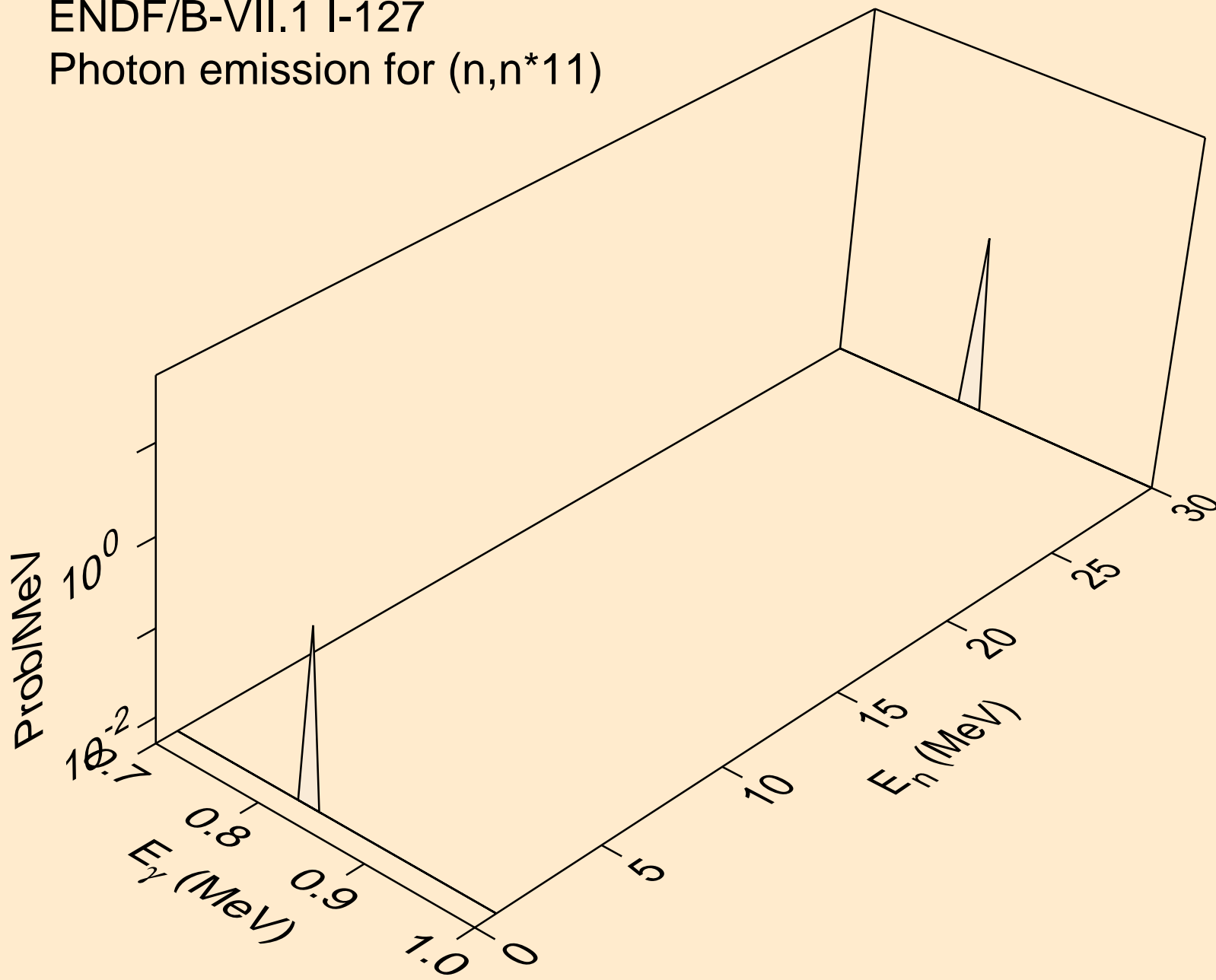
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*9)



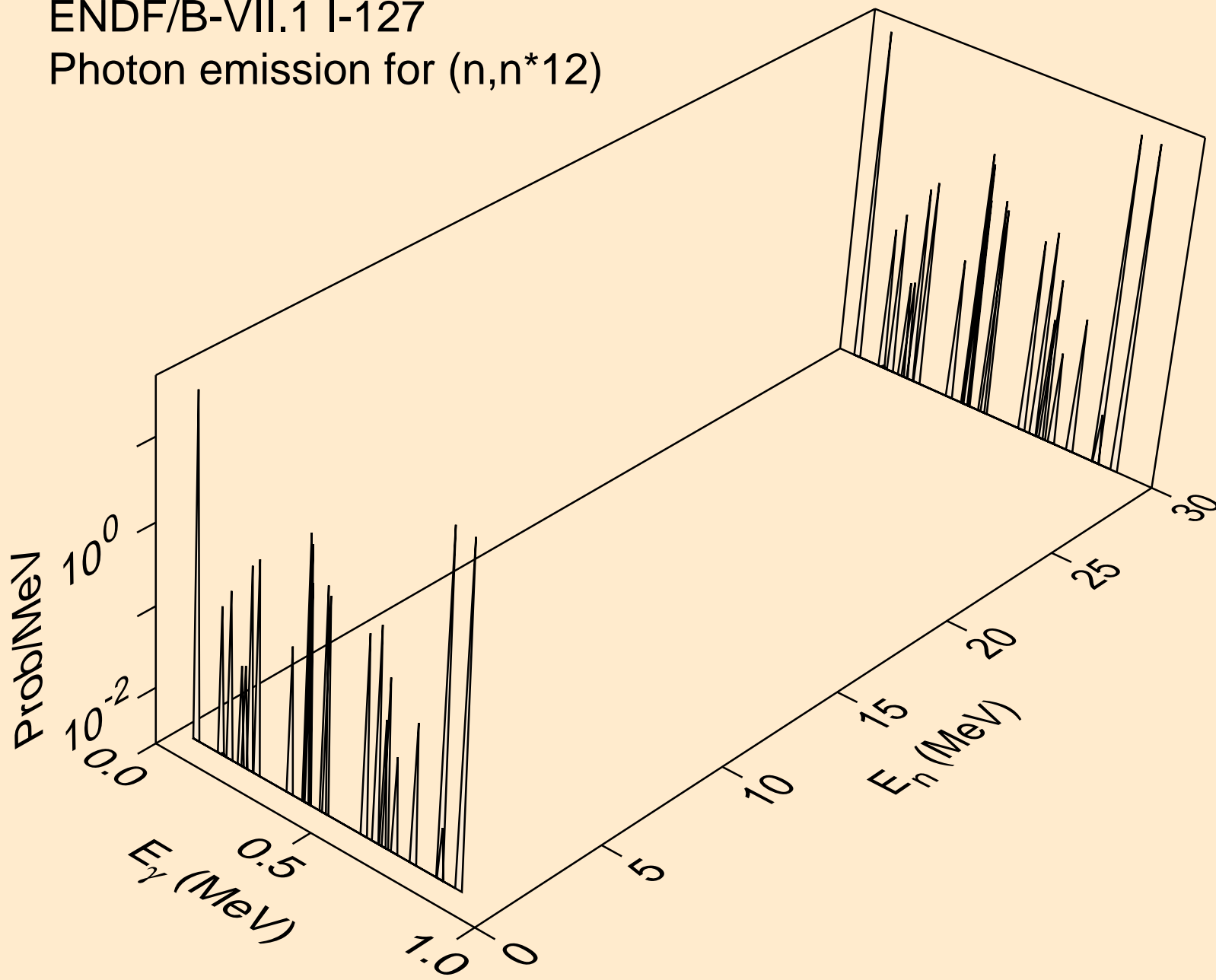
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*10)



ENDF/B-VII.1 I-127  
Photon emission for (n,n\*11)

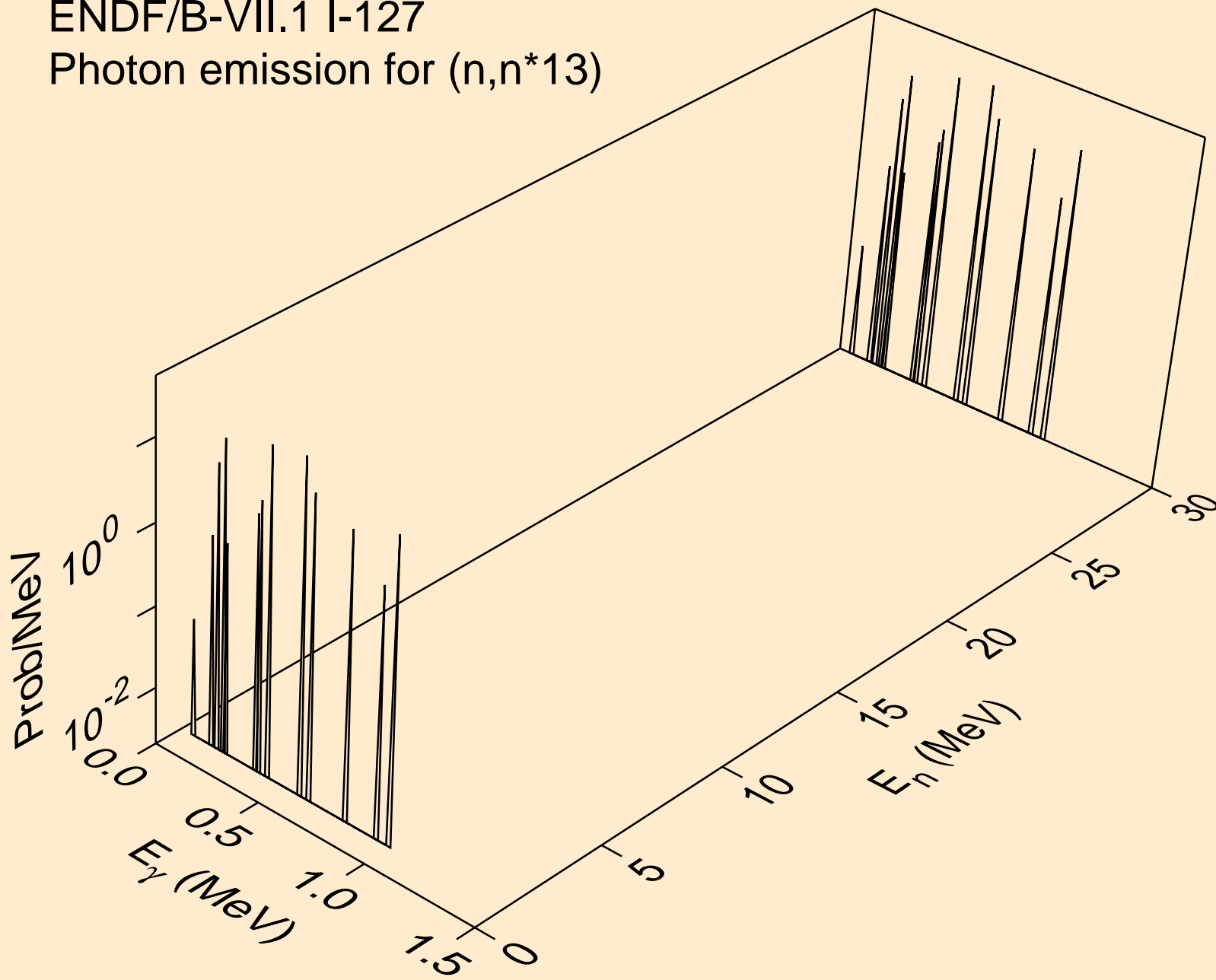


ENDF/B-VII.1 I-127  
Photon emission for (n,n\*12)

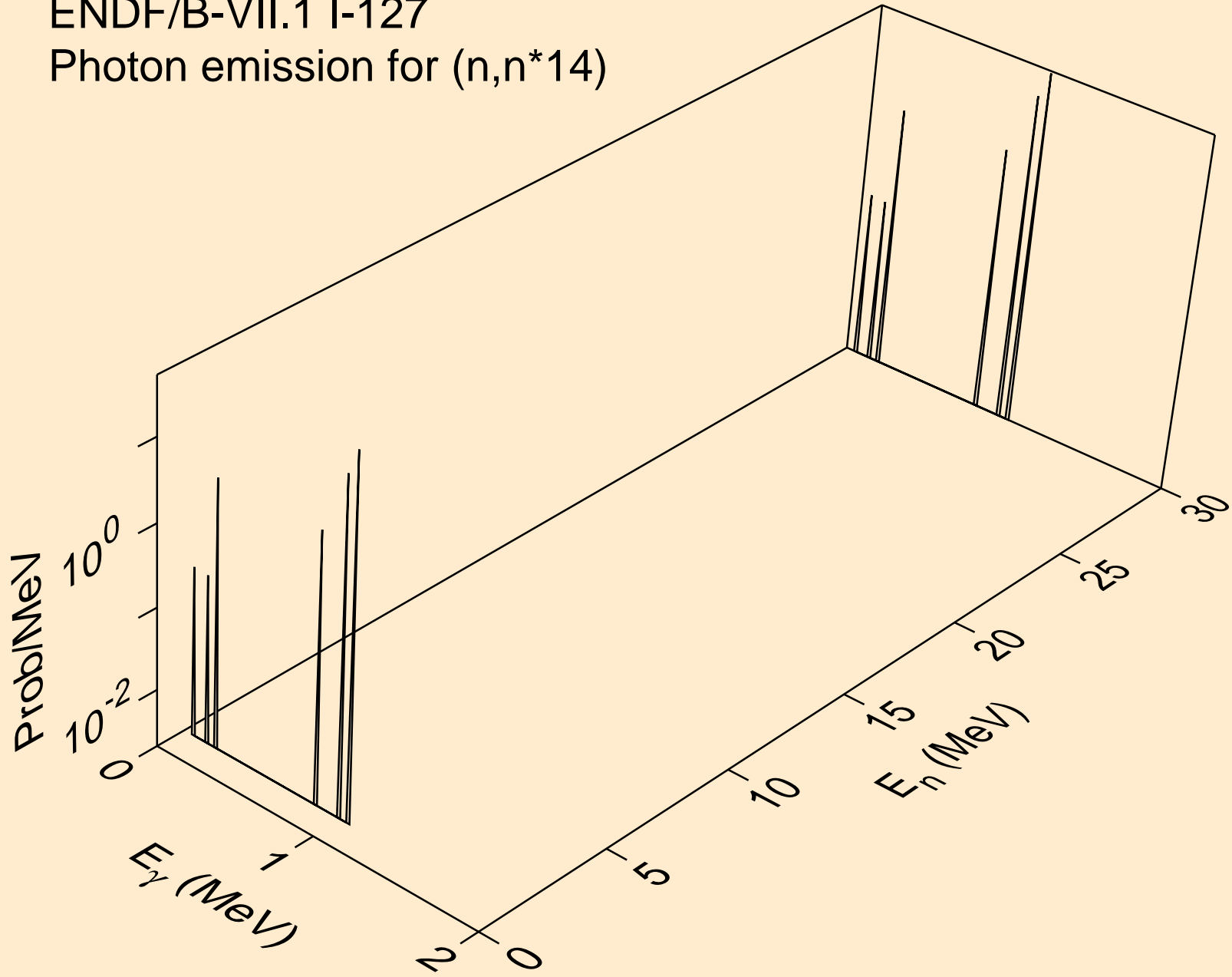




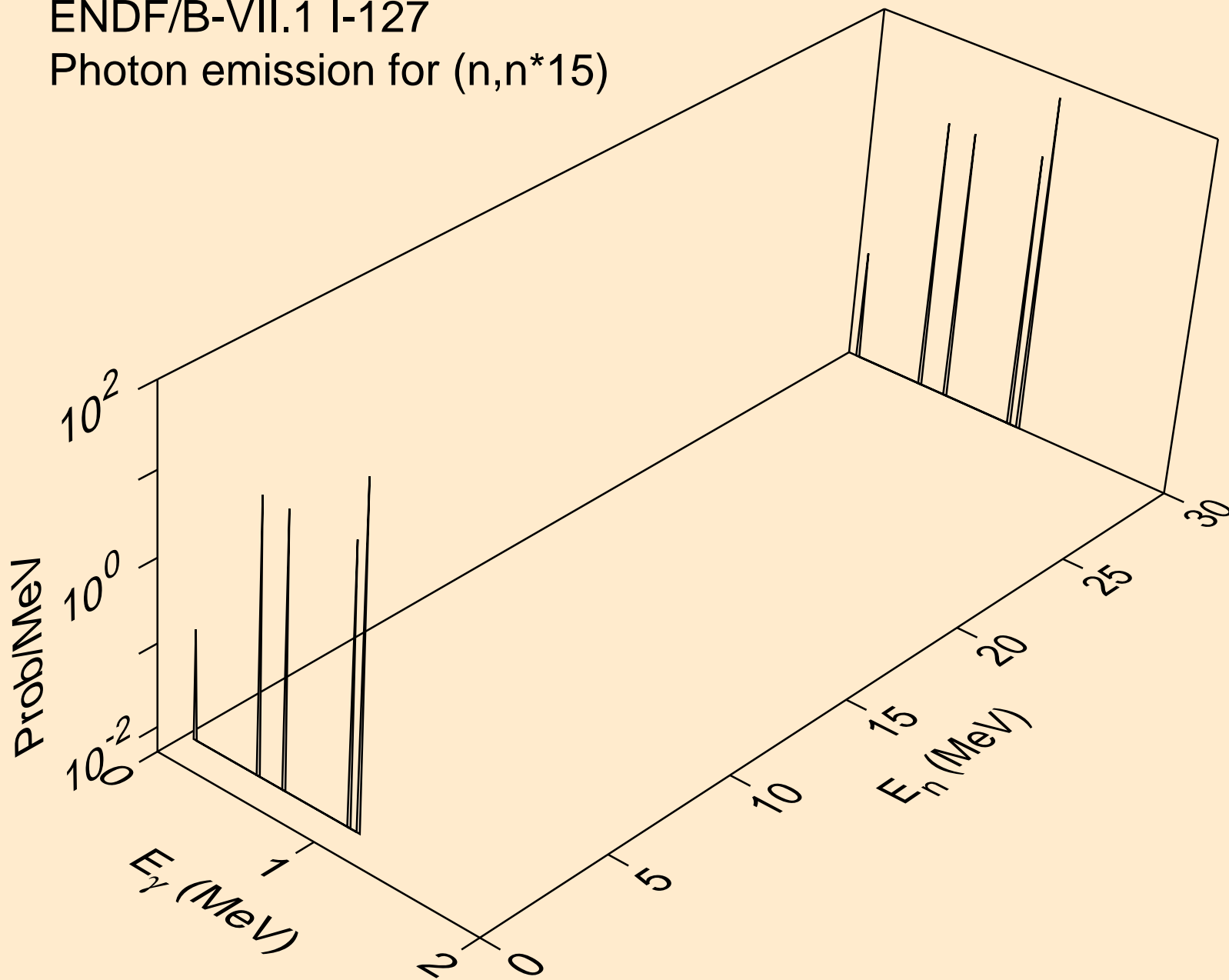
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*13)



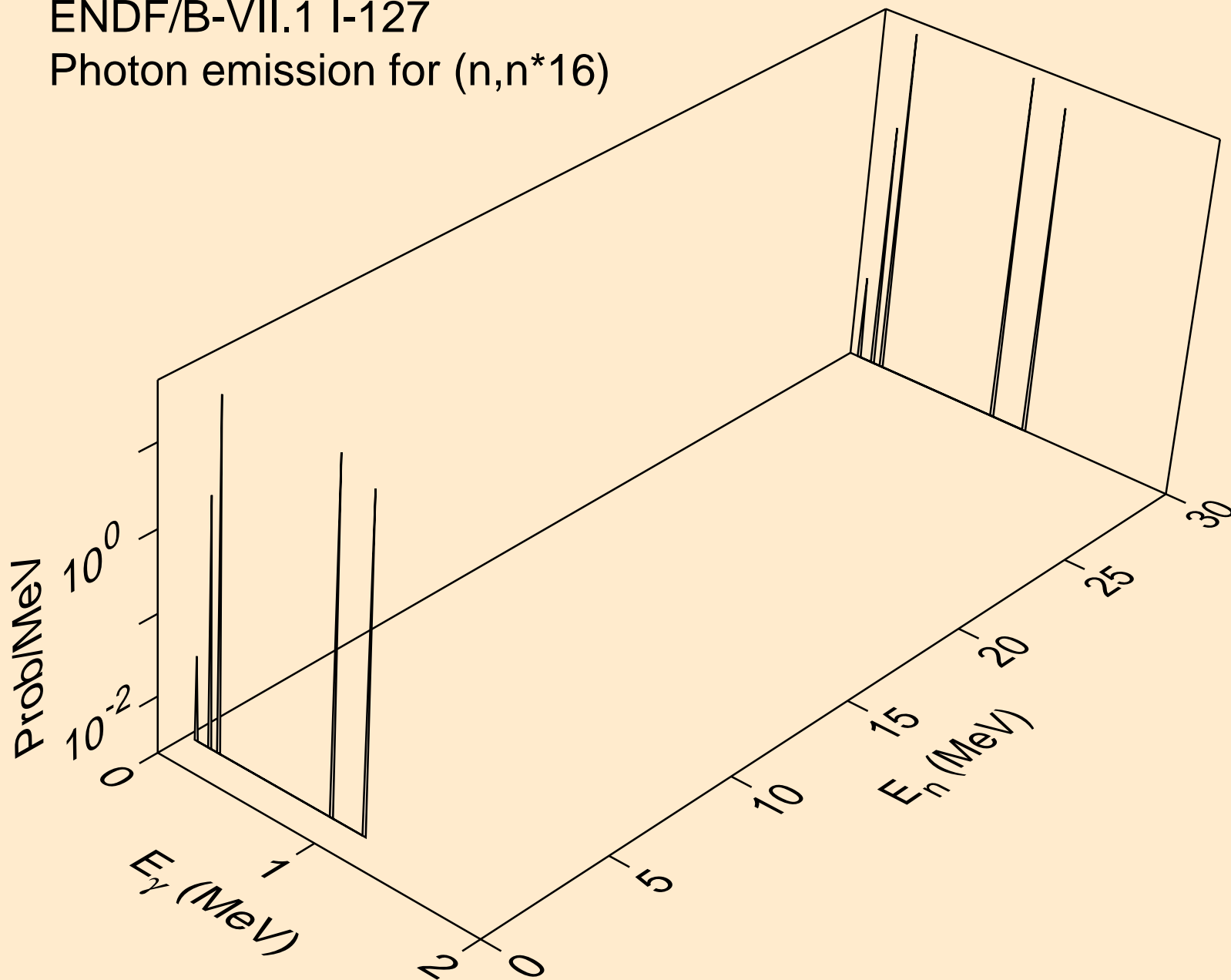
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*14)



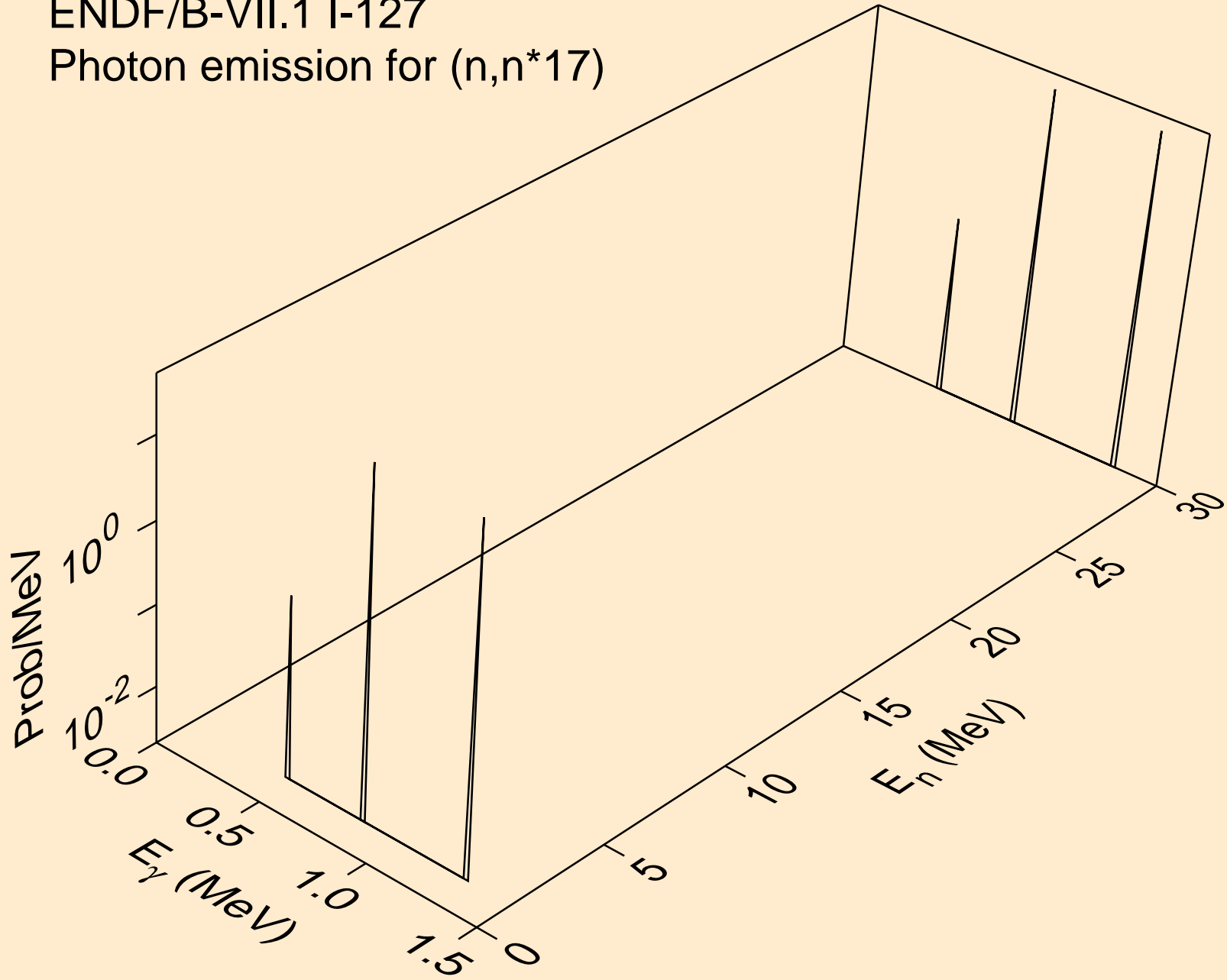
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*15)



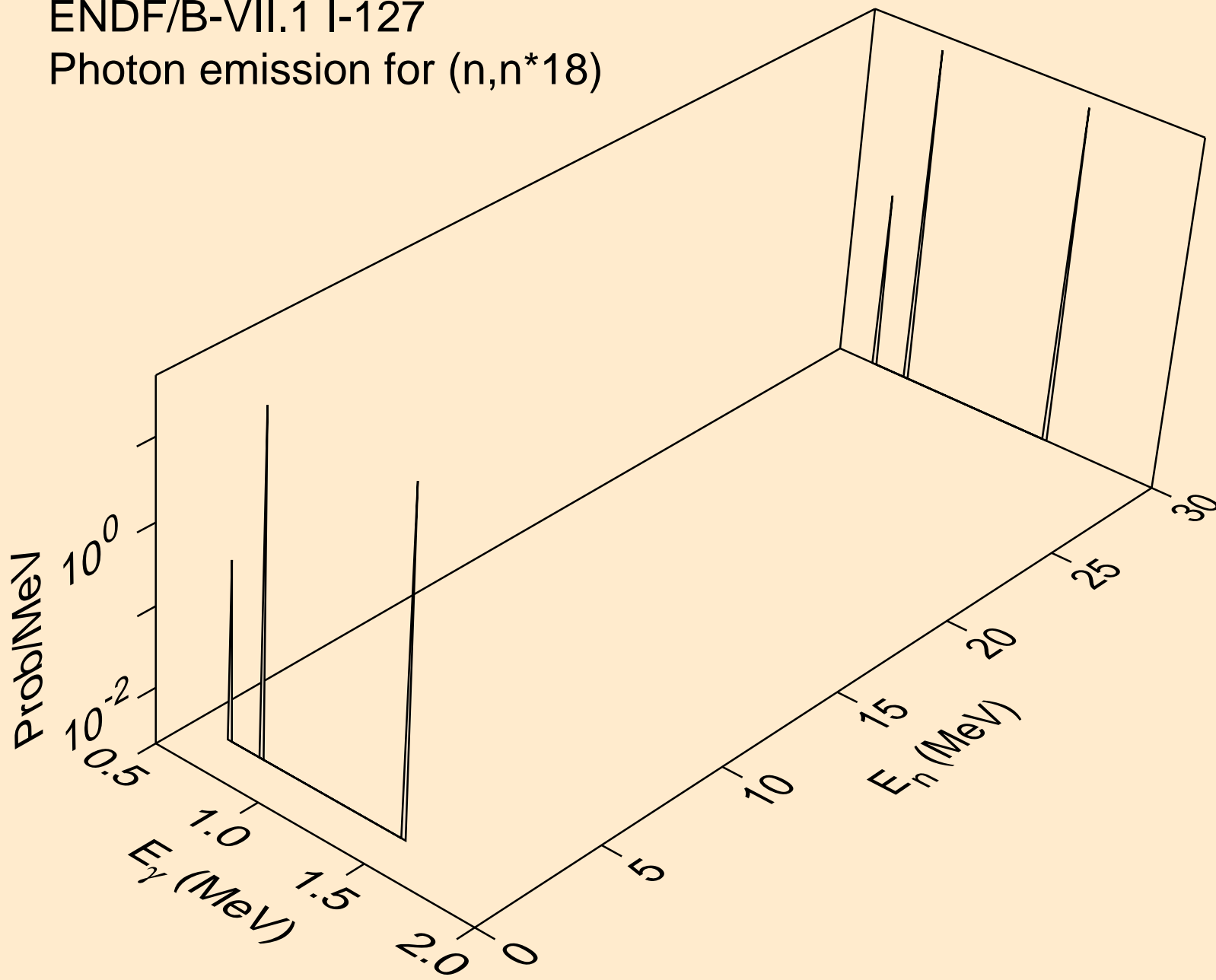
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Photon emission for (n,n\*16)



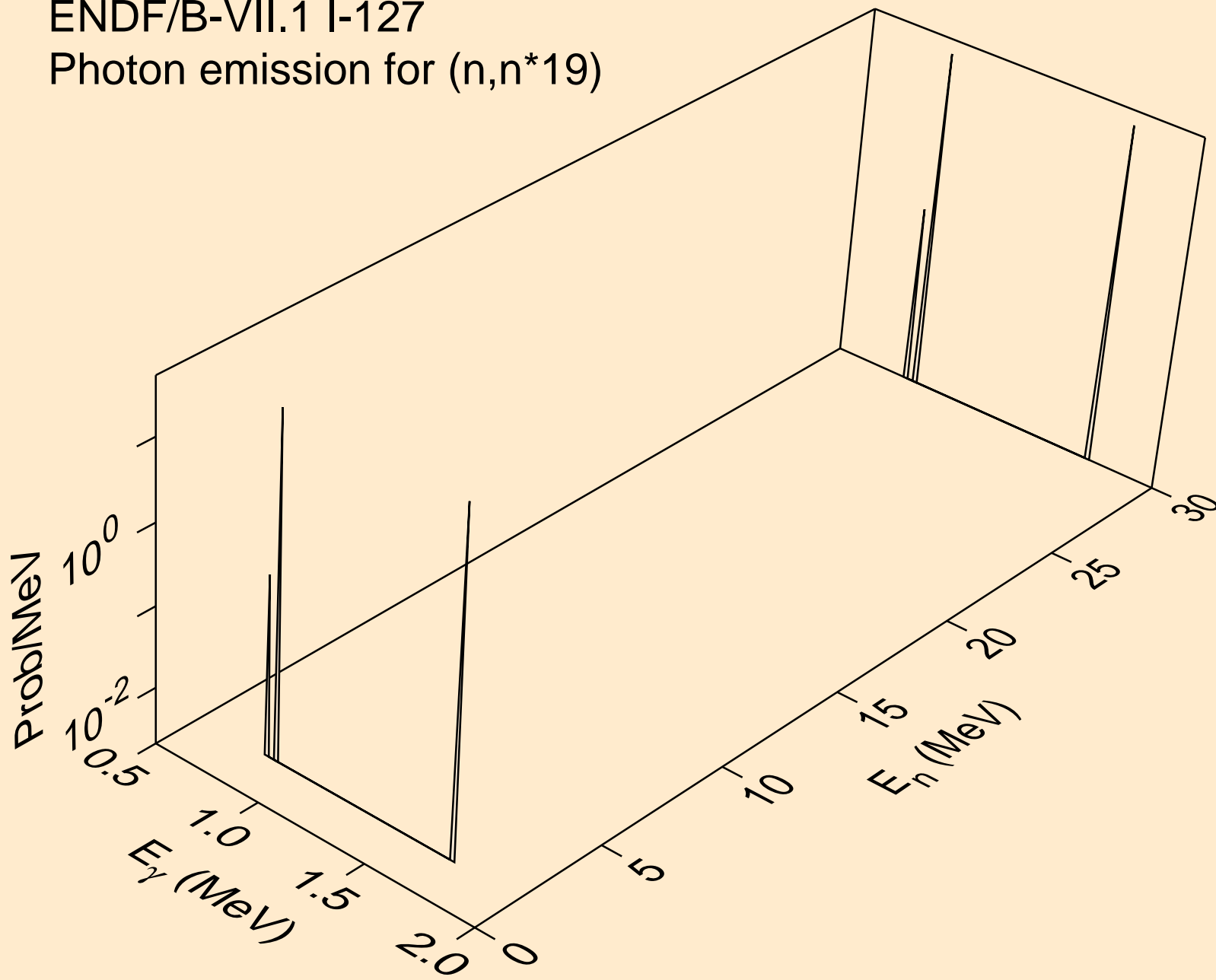
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Photon emission for (n,n\*17)



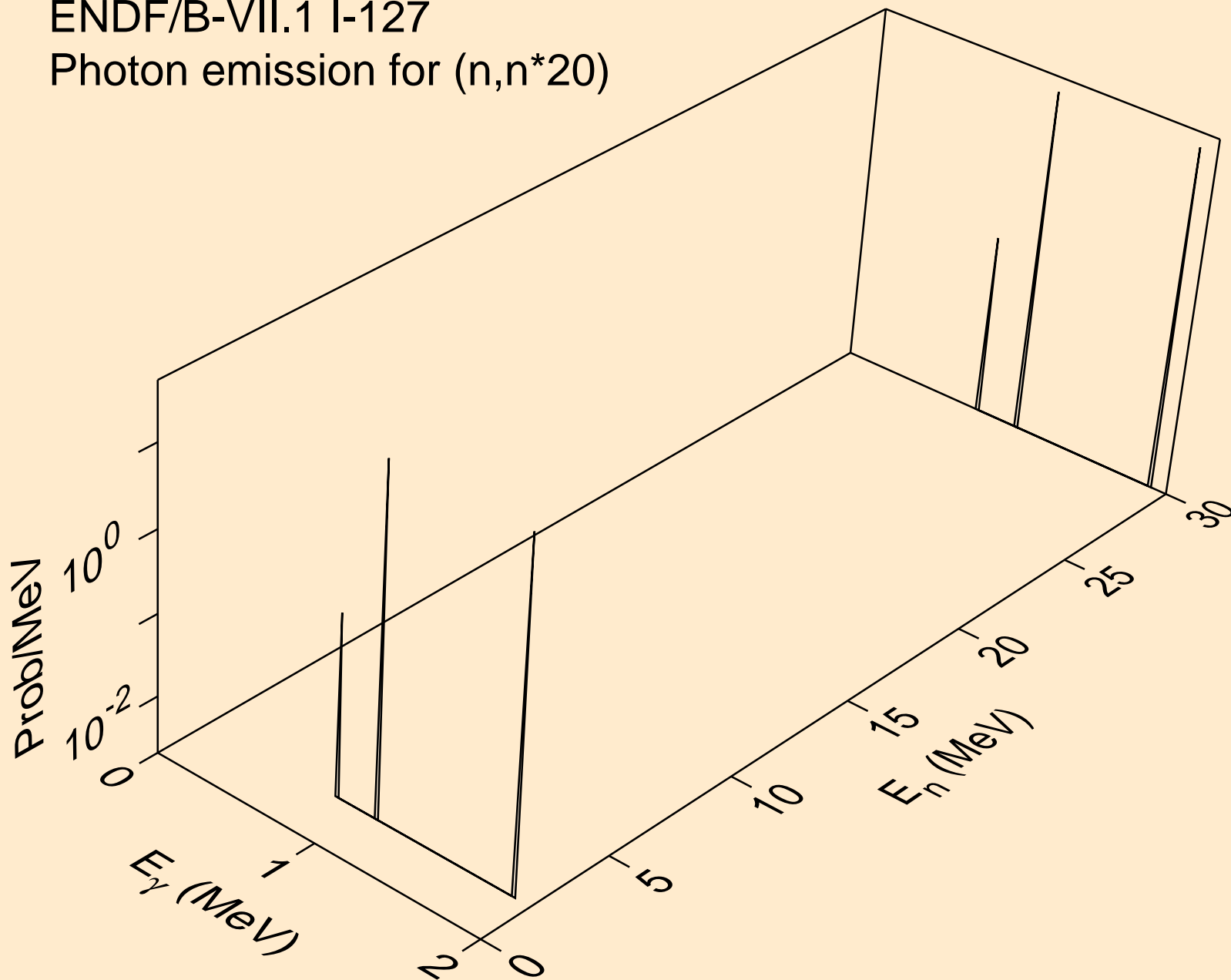
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*18)



ENDF/B-VII.1 I-127  
Photon emission for (n,n\*19)

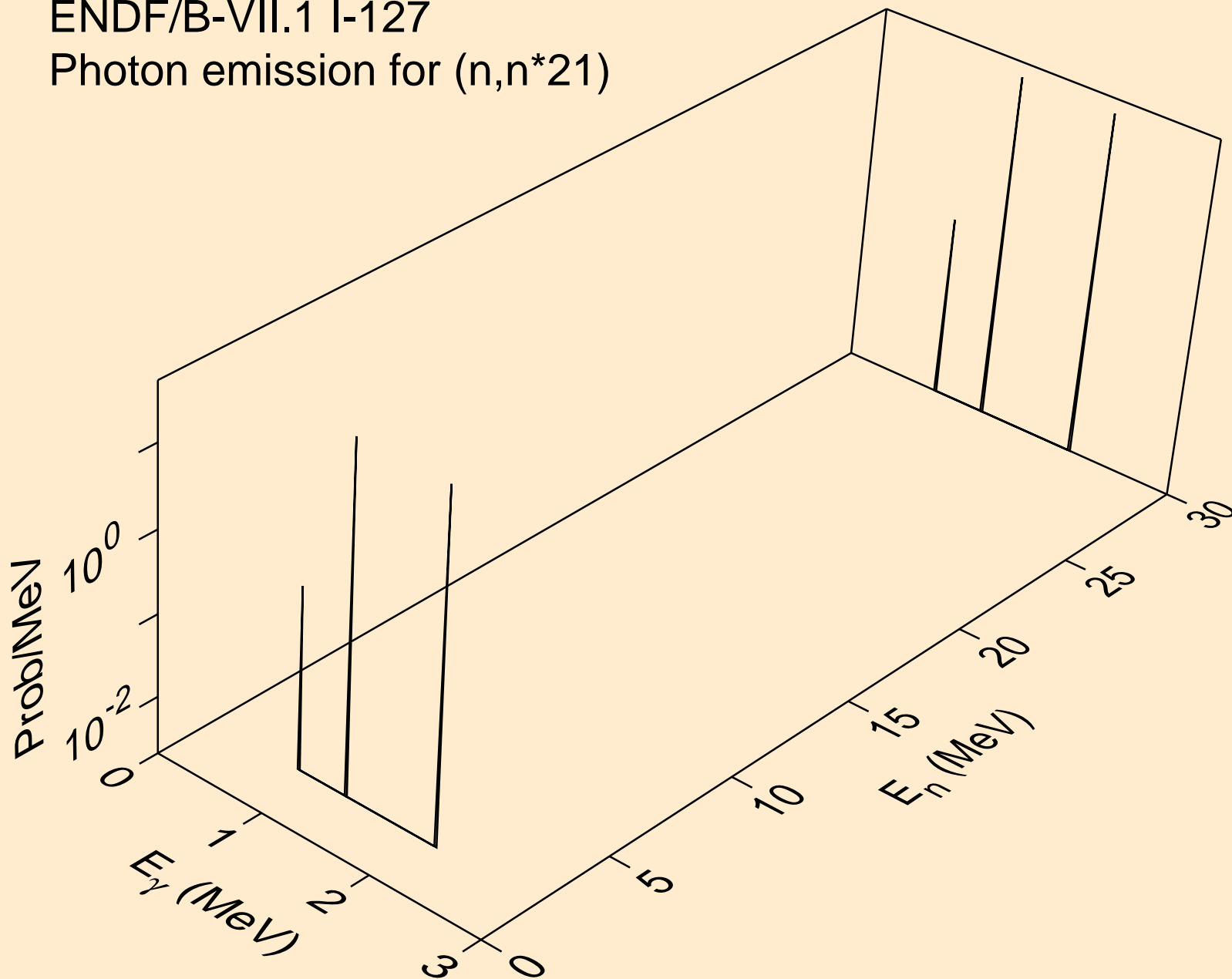


ENDF/B-VII.1 I-127  
Photon emission for (n,n\*20)

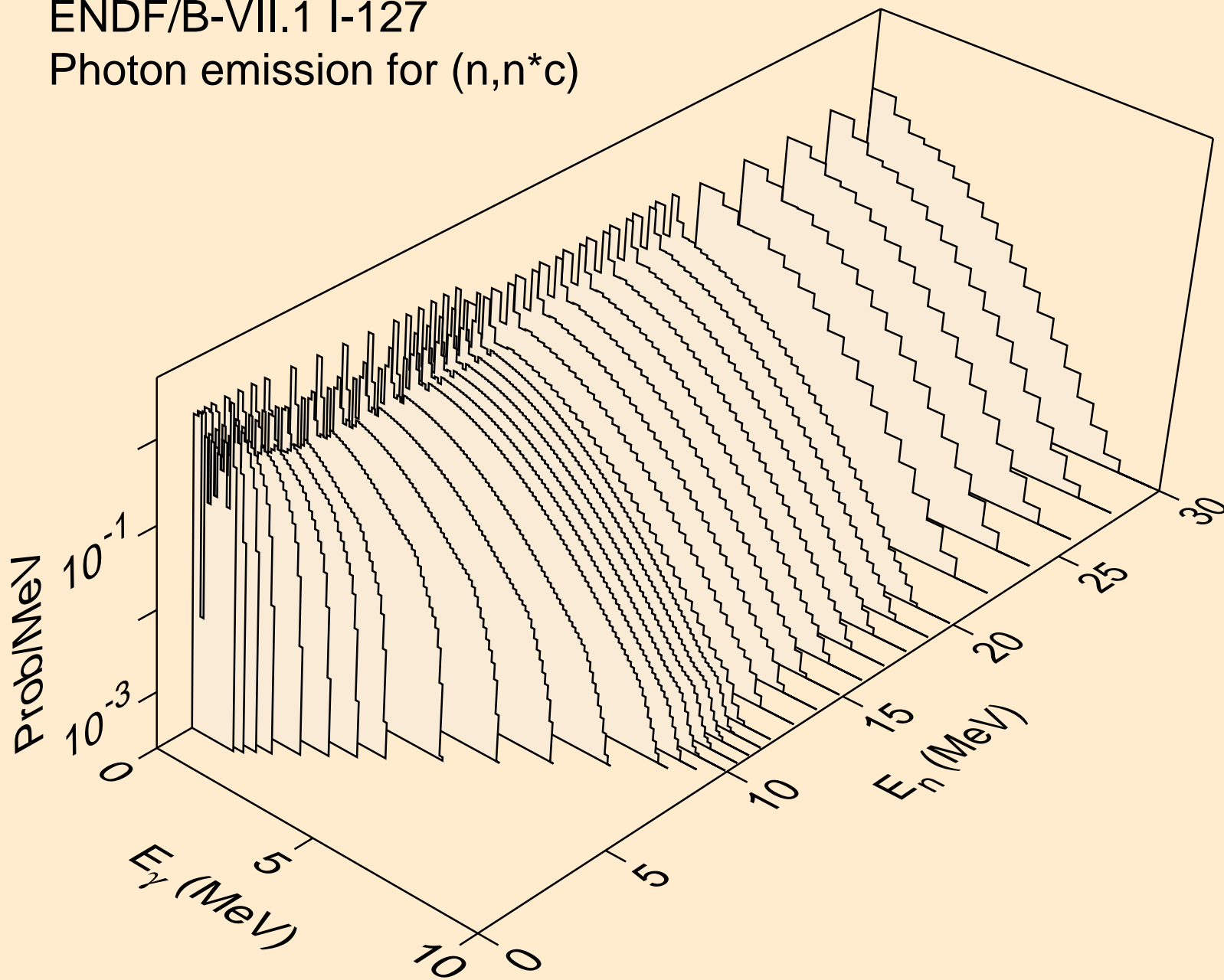




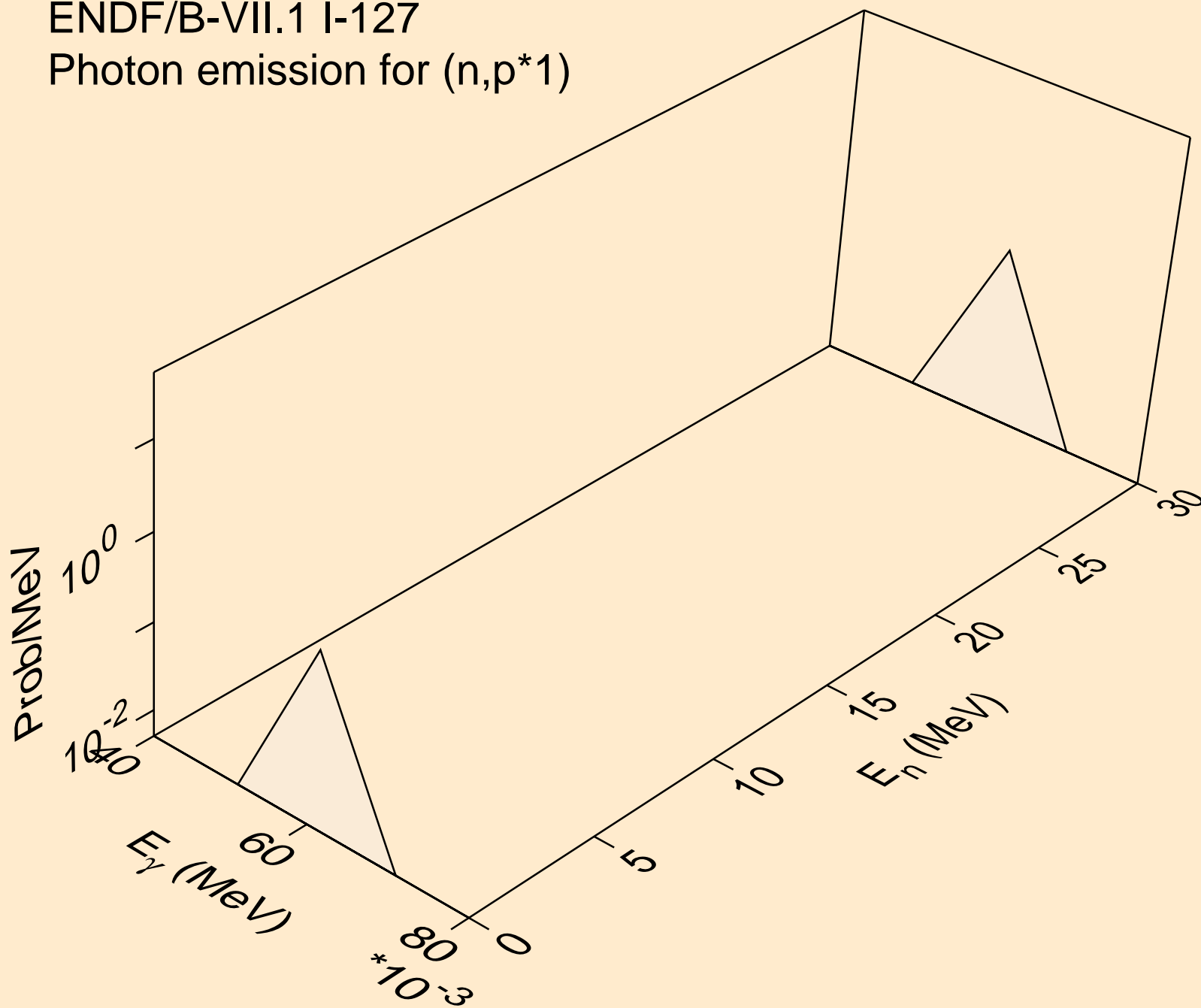
ENDF/B-VII.1 I-127  
Photon emission for (n,n\*21)



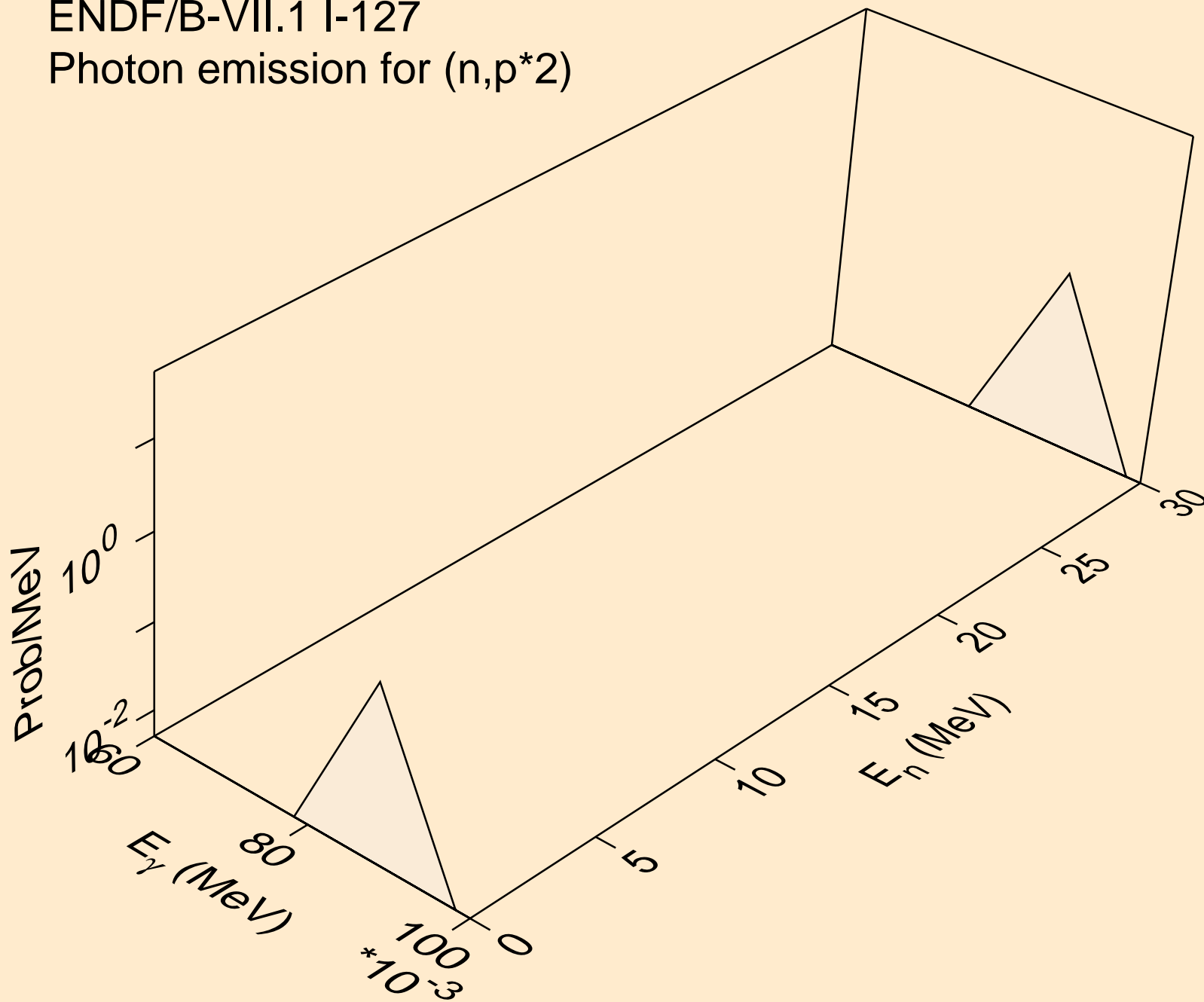
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Photon emission for (n,n\*c)



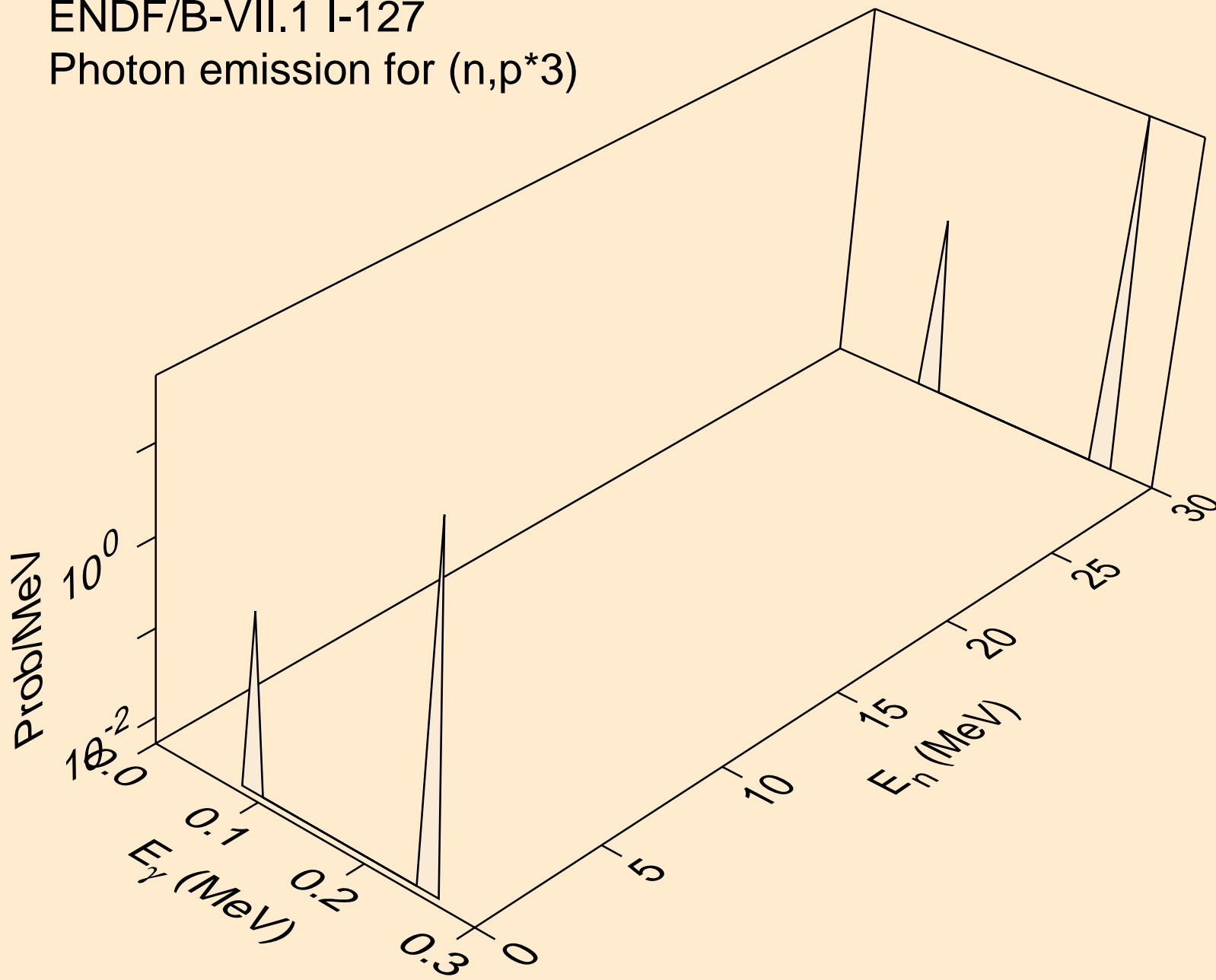
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Photon emission for (n,p\*1)



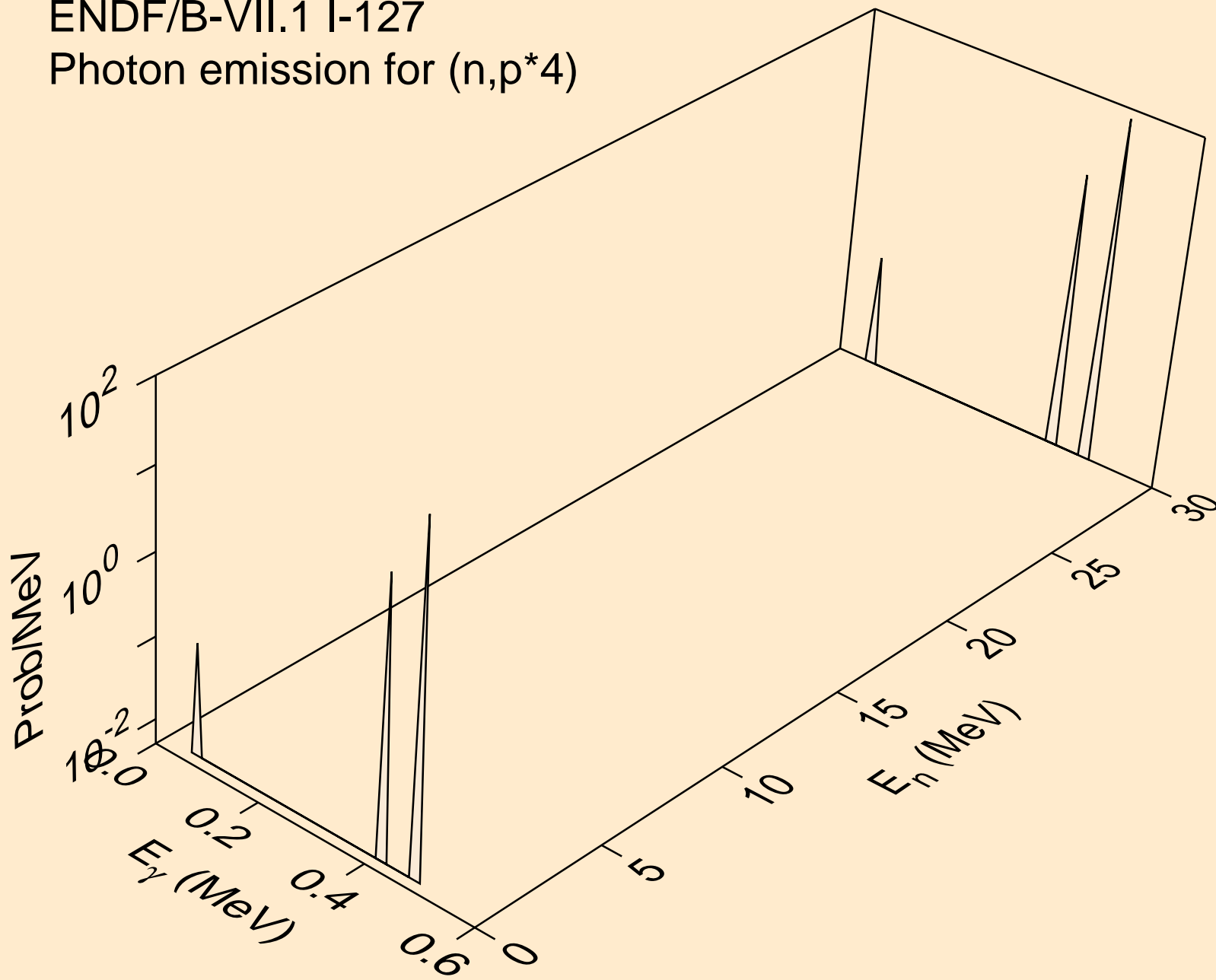
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Photon emission for (n,p\*2)



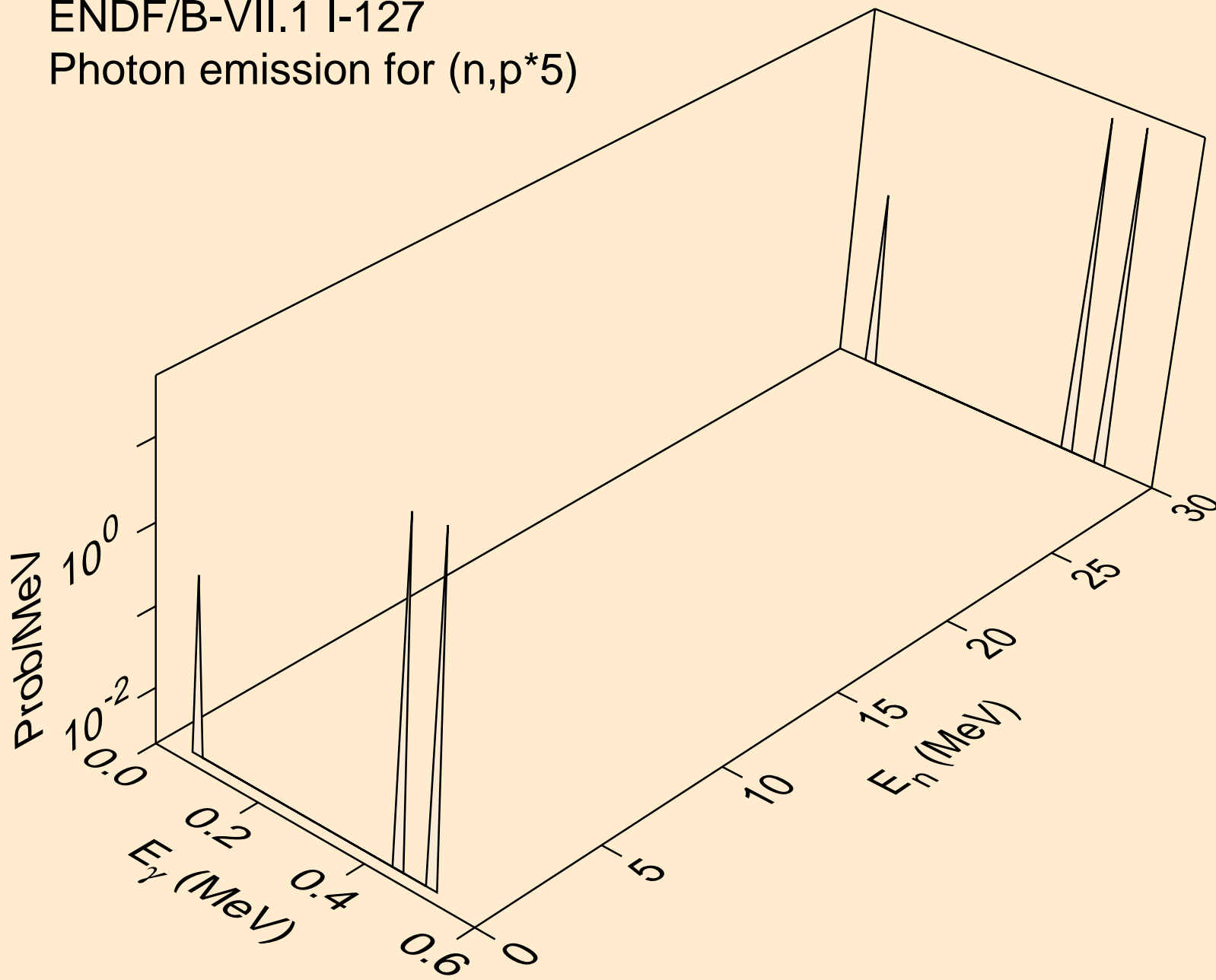
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Photon emission for (n,p\*3)



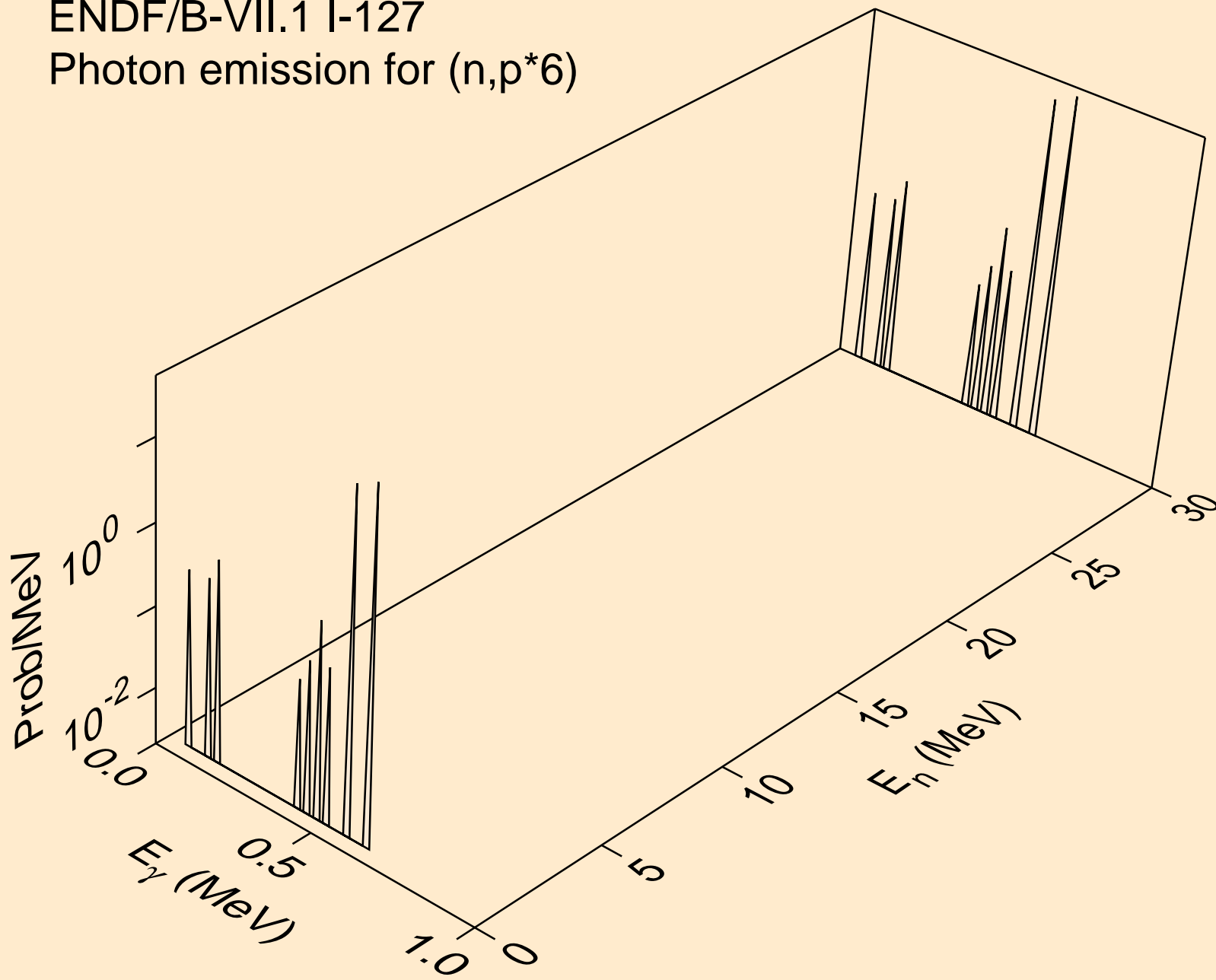
ENDF/B-VII.1 I-127  
Photon emission for (n,p\*4)



ENDF/B-VII.1 I-127  
Photon emission for (n,p\*5)

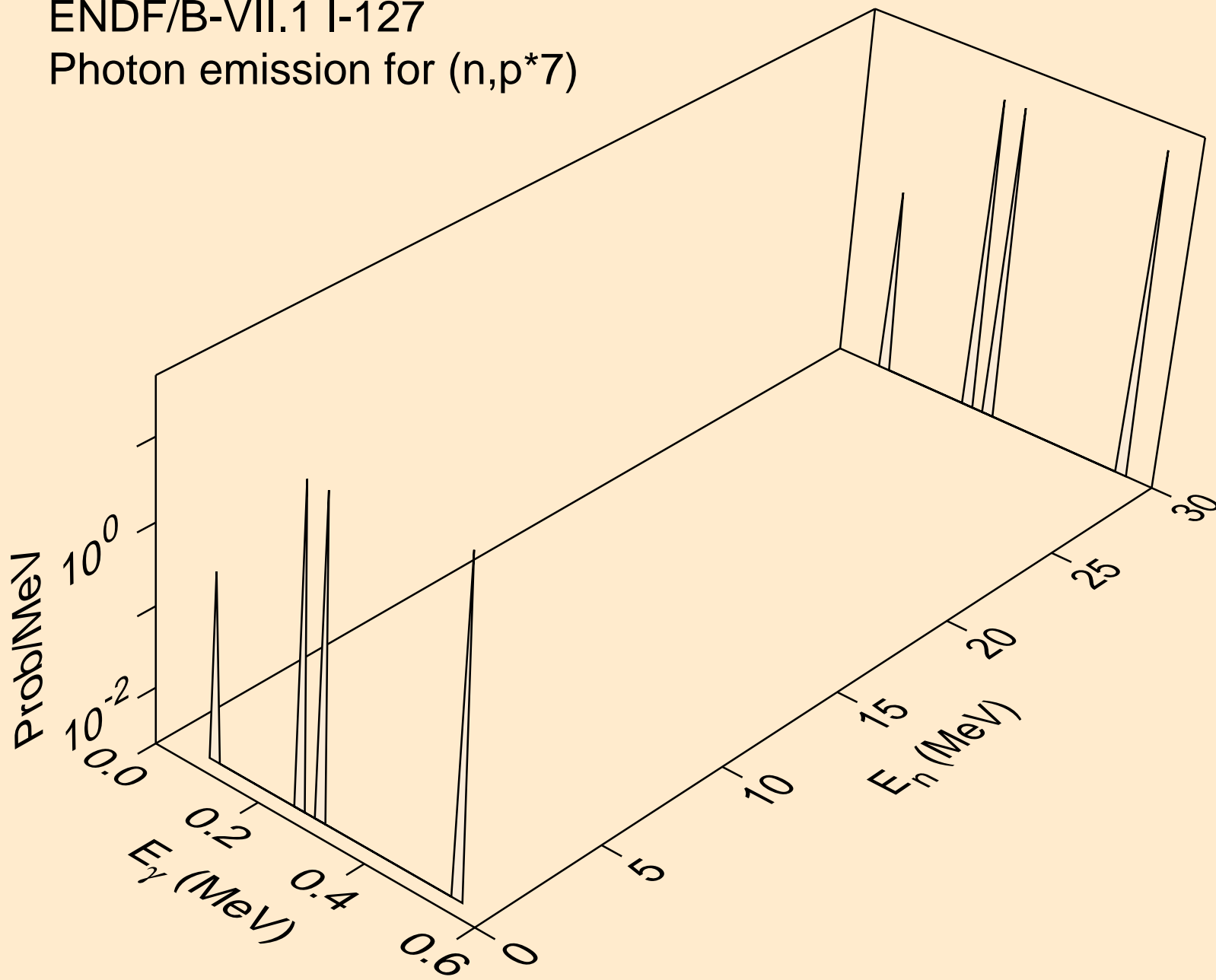


ENDF/B-VII.1 I-127  
Photon emission for (n,p\*6)

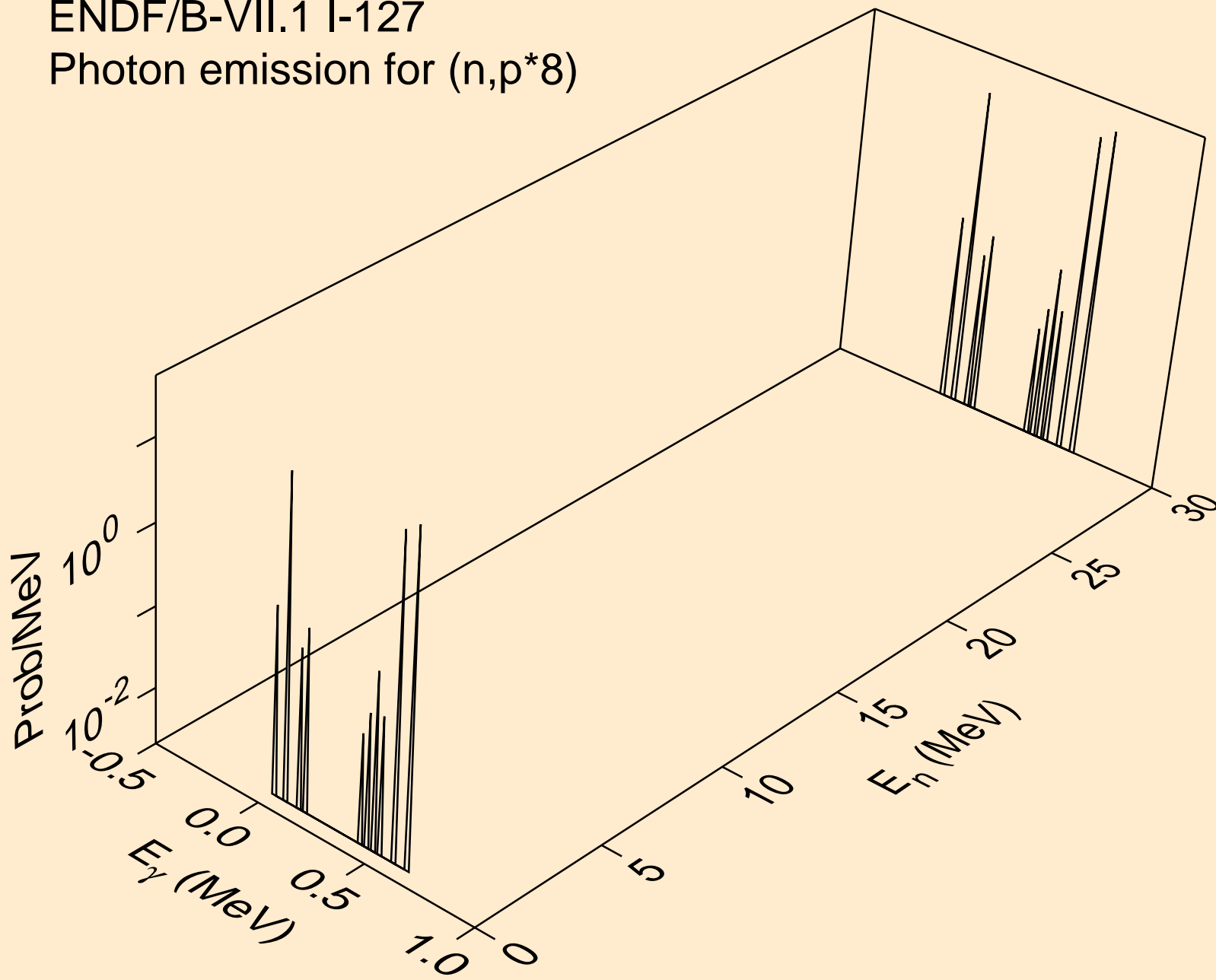




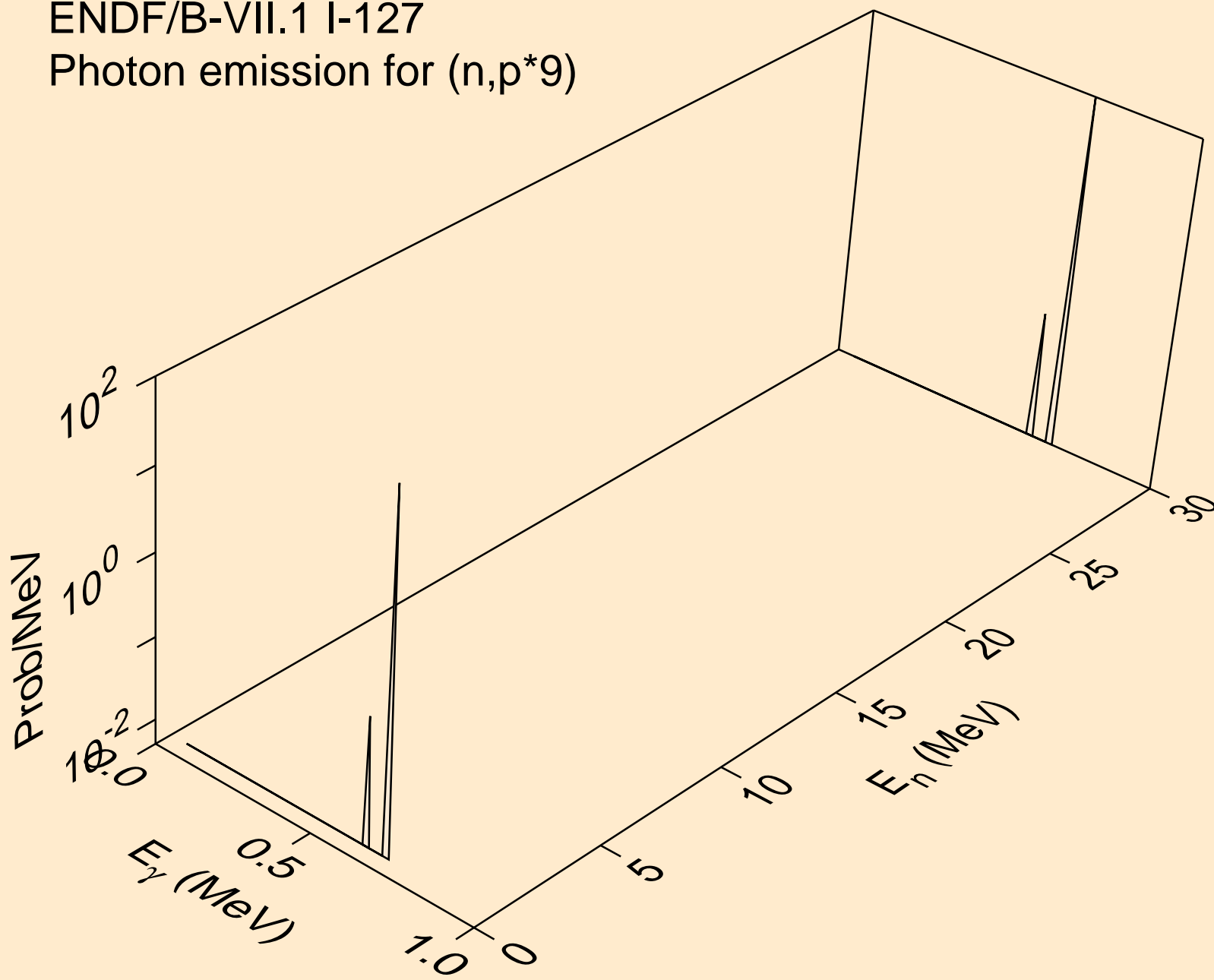
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Photon emission for (n,p\*7)



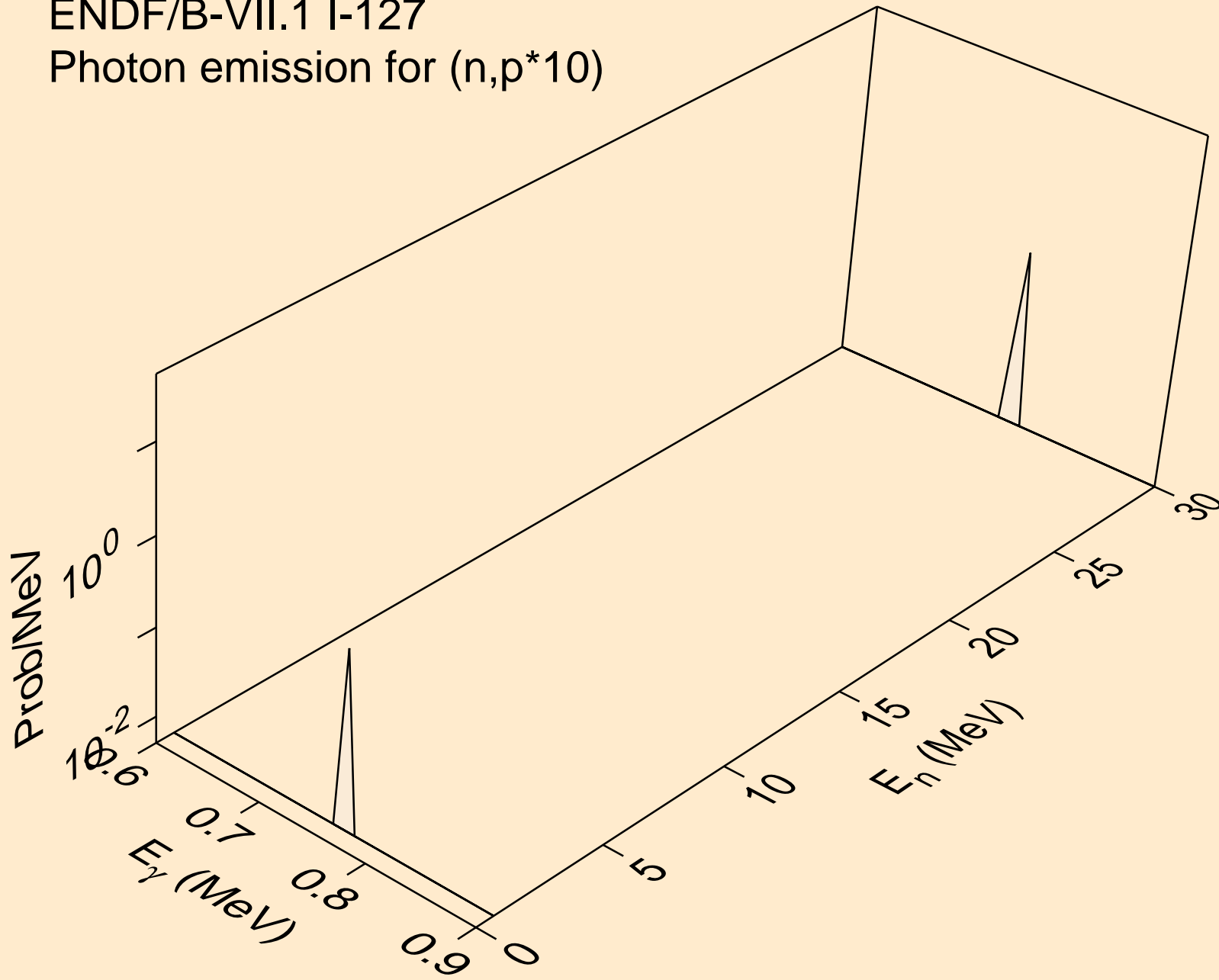
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Photon emission for (n,p\*8)



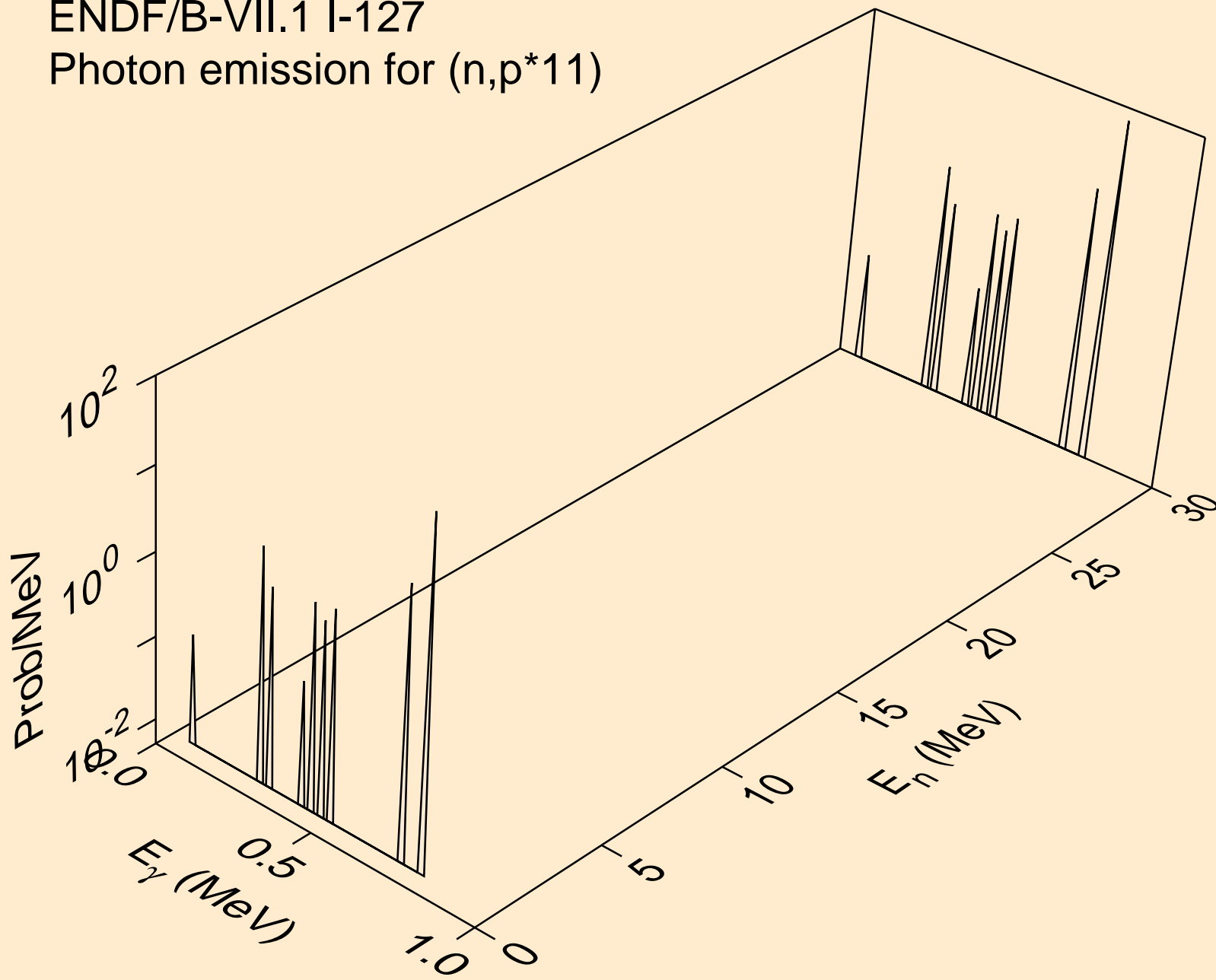
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Photon emission for (n,p\*9)



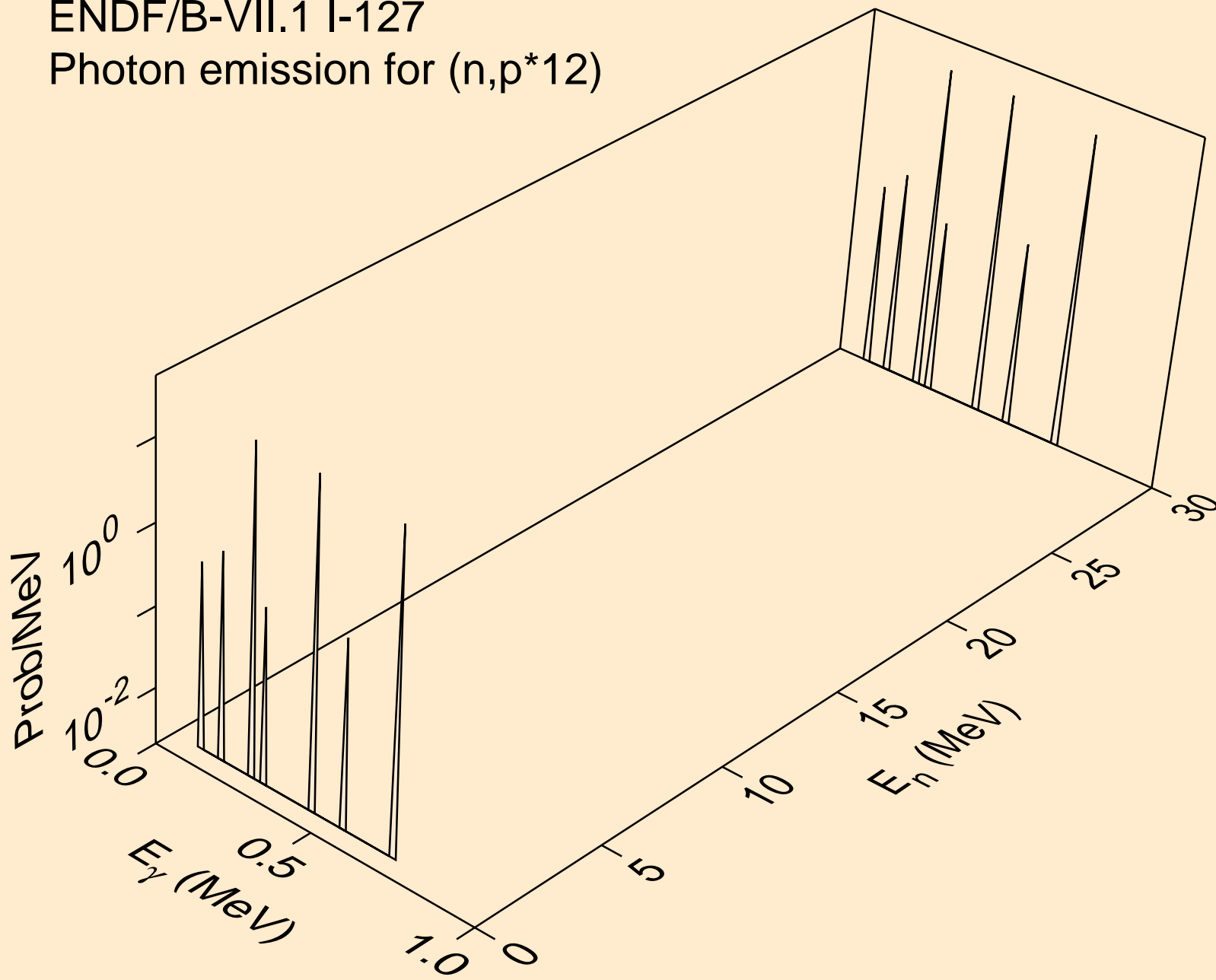
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Photon emission for (n,p\*10)



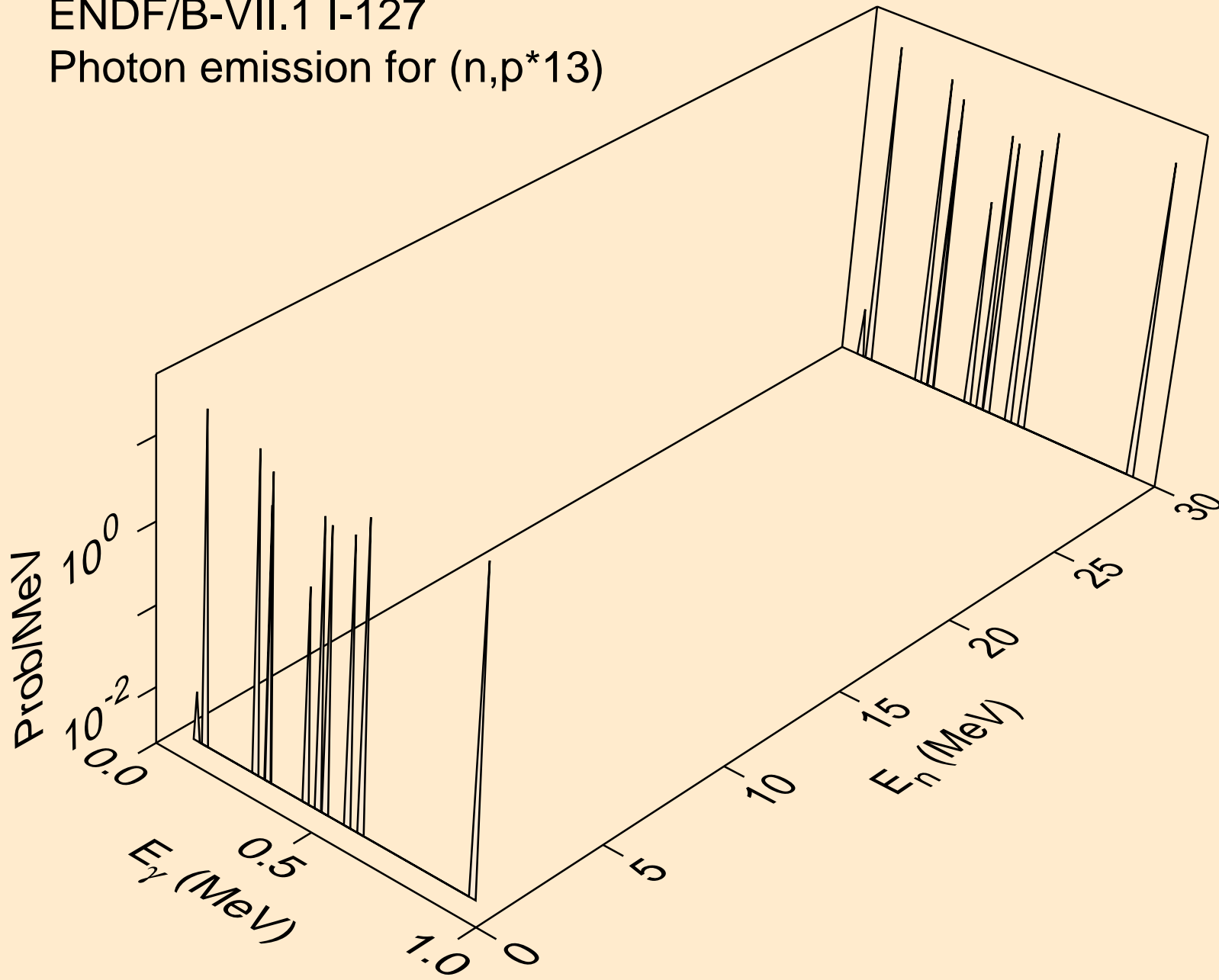
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Photon emission for (n,p\*11)



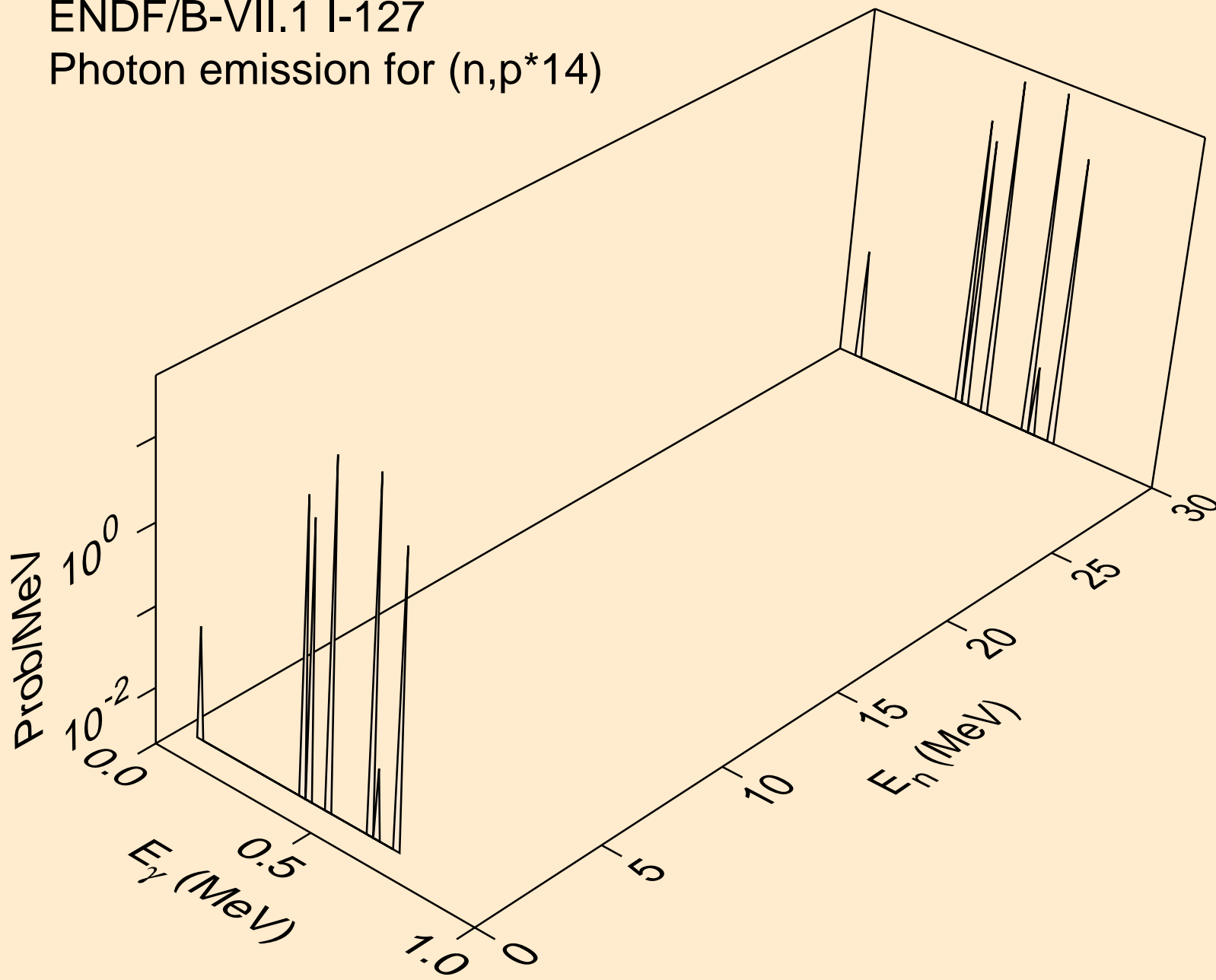
ENDF/B-VII.1 I-127  
Photon emission for (n,p\*12)



ENDF/B-VII.1 I-127  
Photon emission for (n,p\*13)

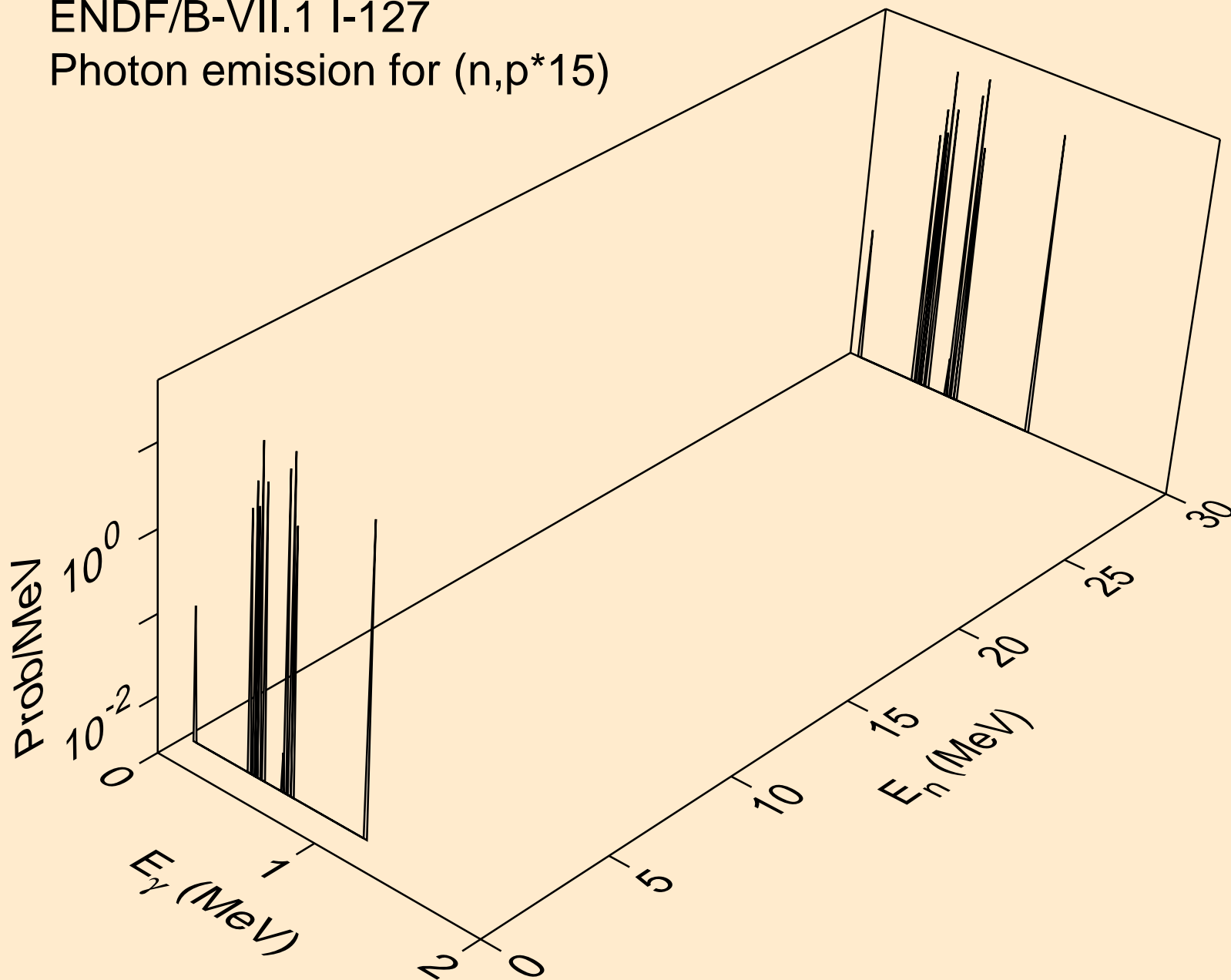


ENDF/B-VII.1 I-127  
Photon emission for (n,p\*14)

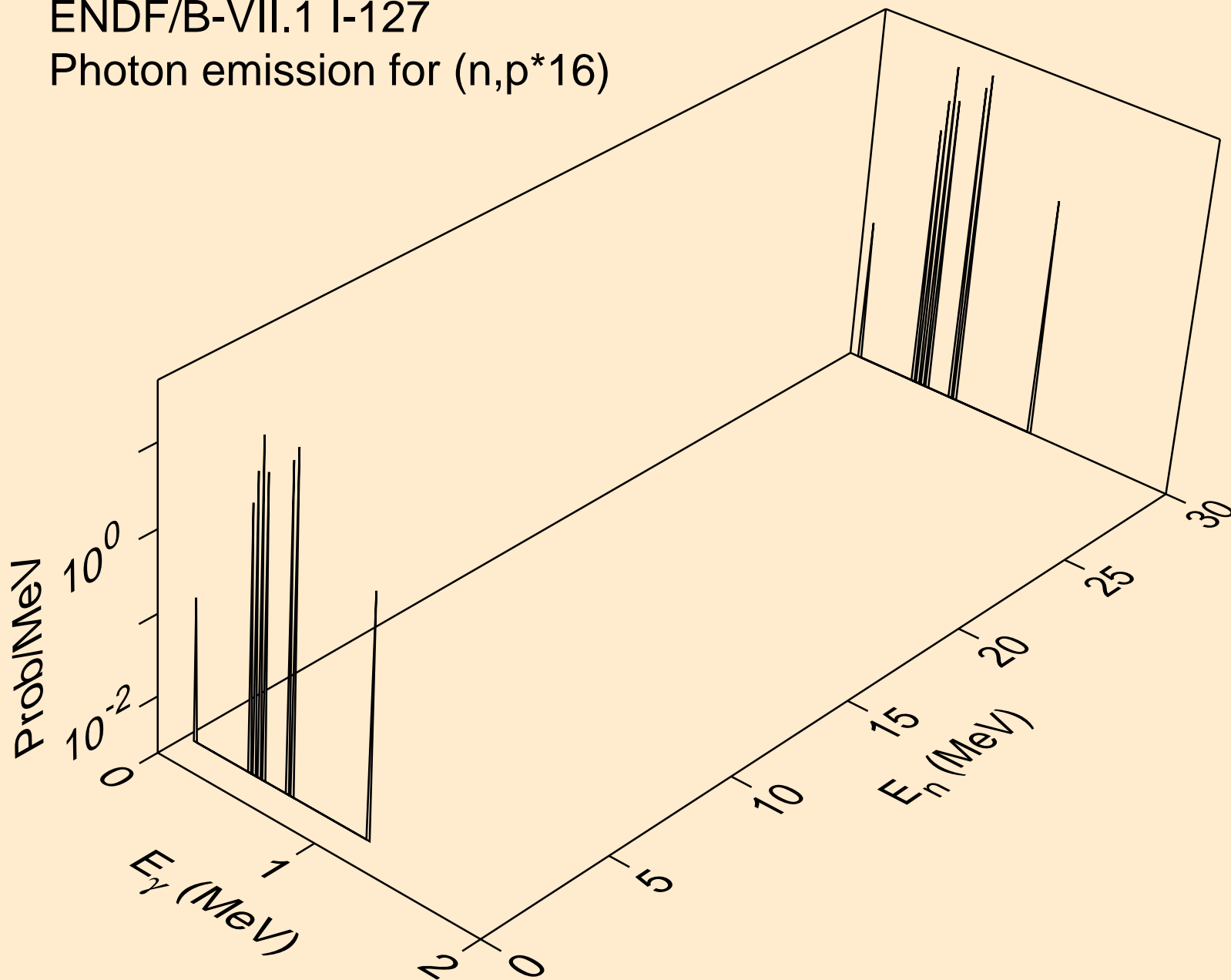




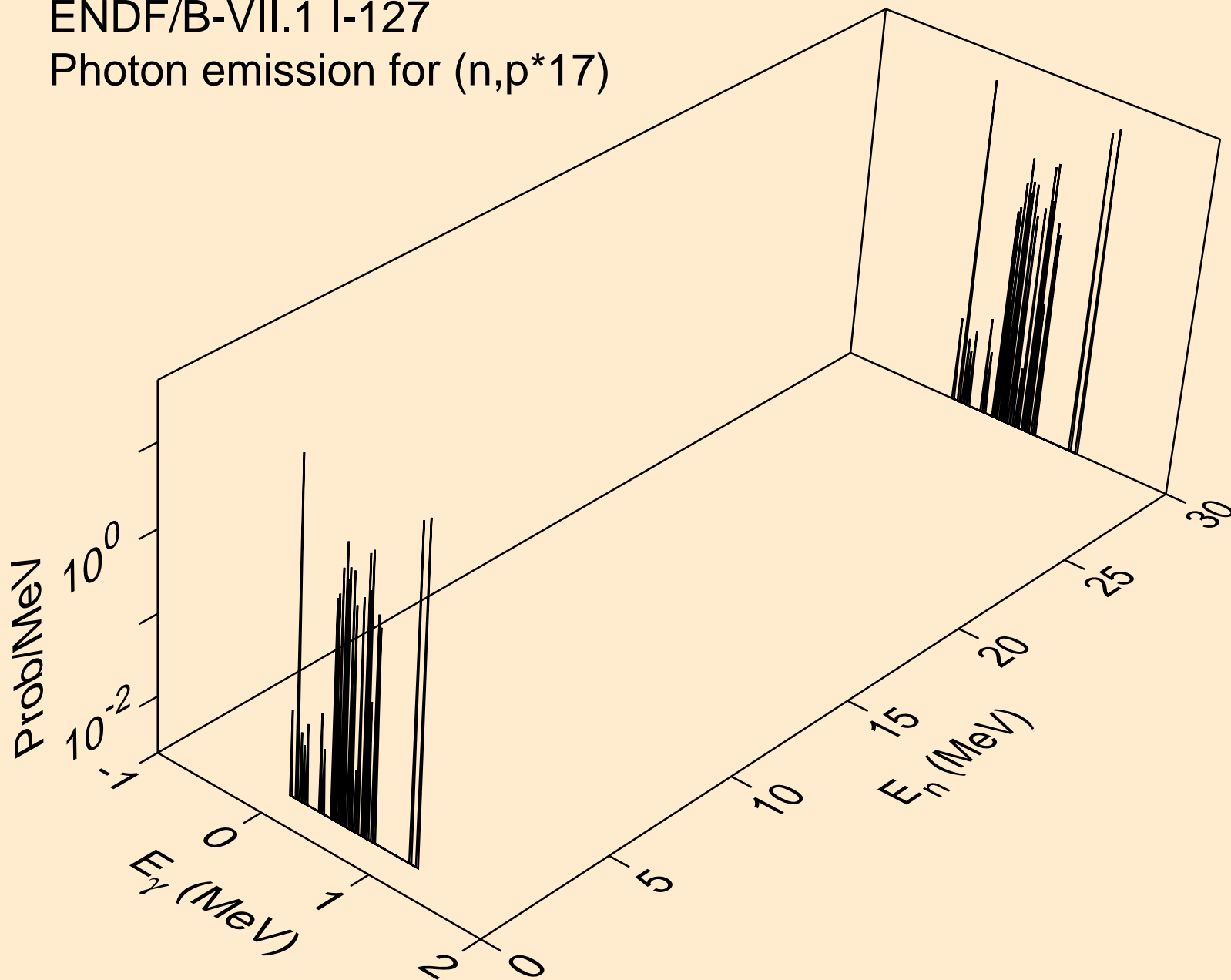
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Photon emission for (n,p\*15)



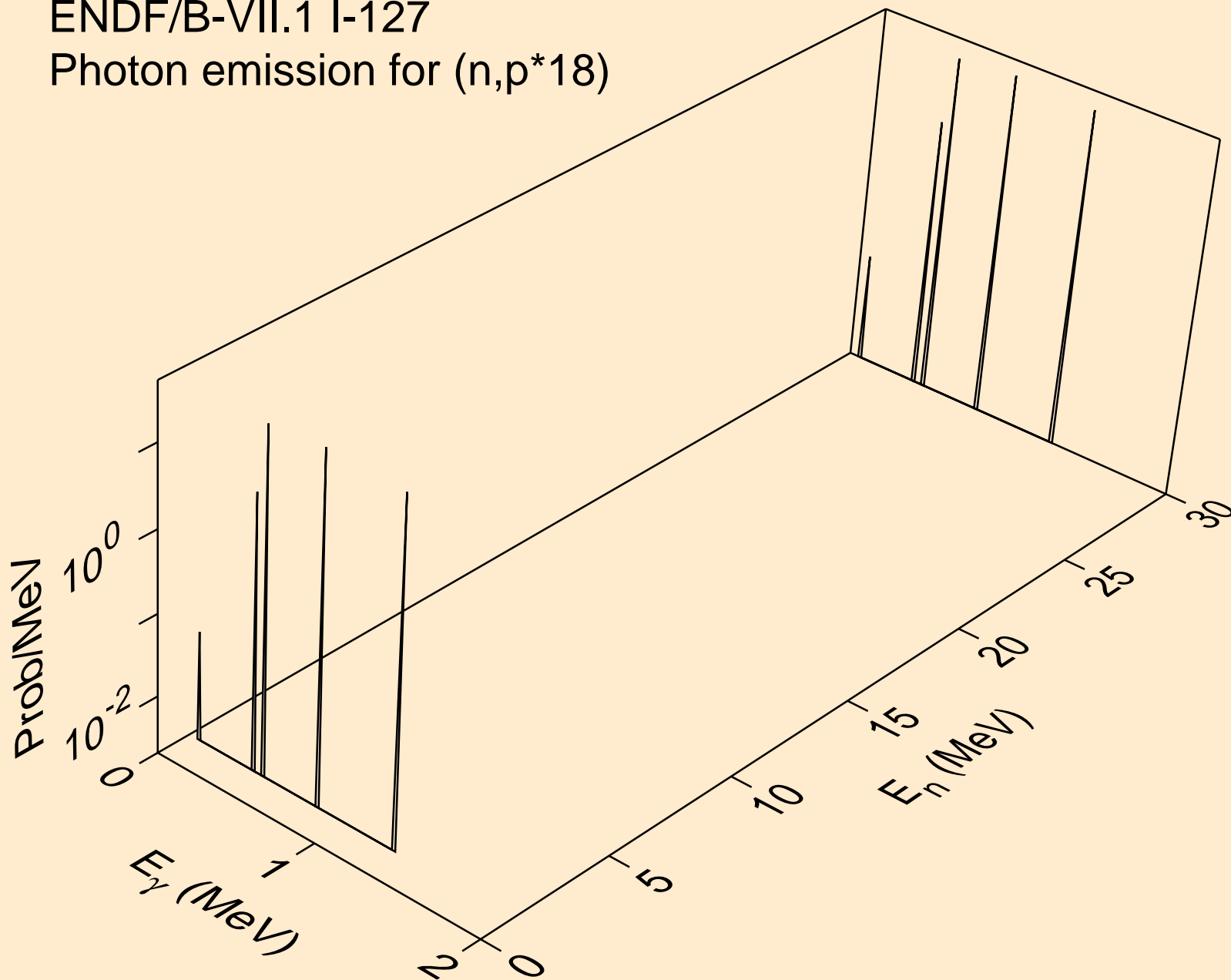
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Photon emission for (n,p\*16)



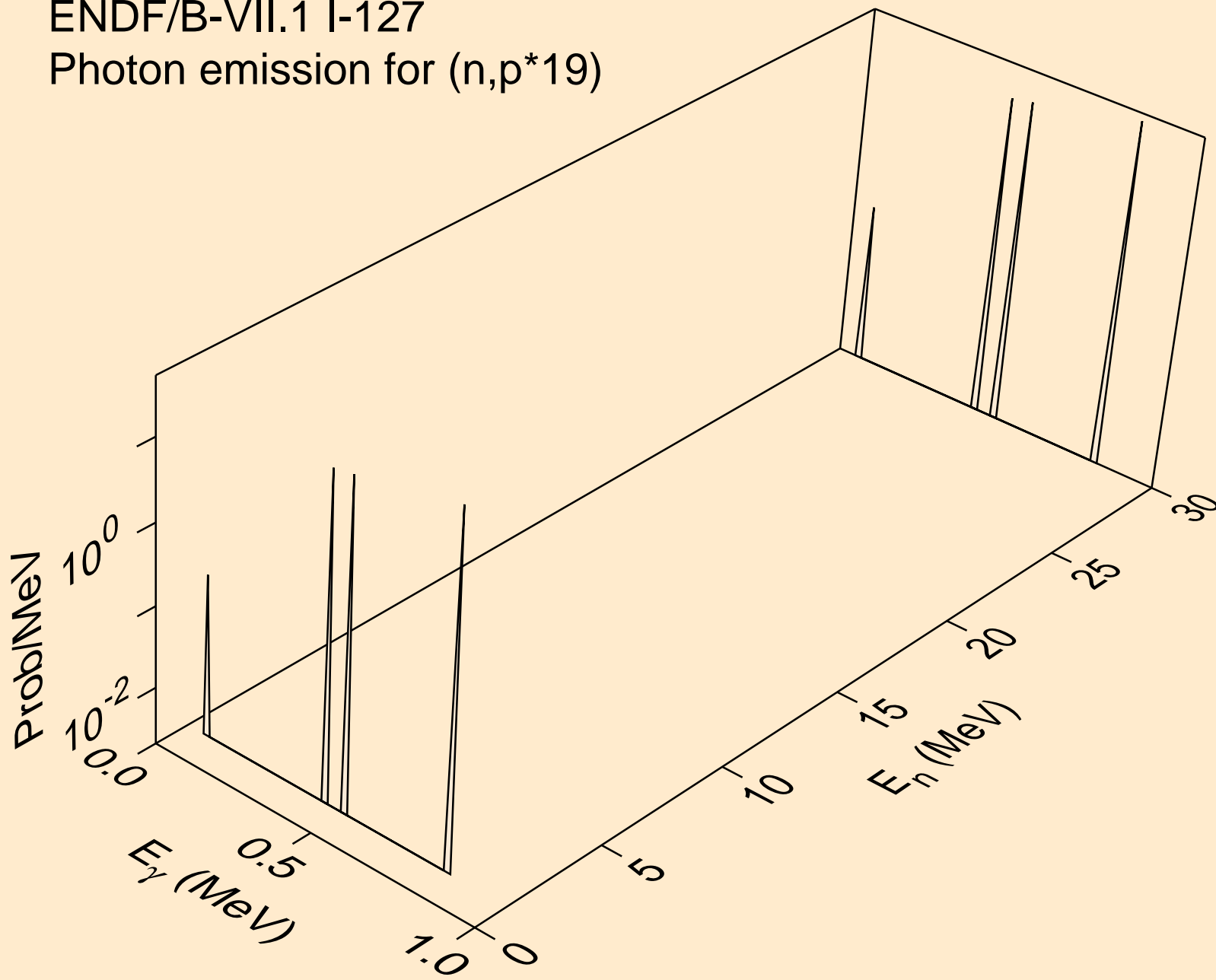
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Photon emission for (n,p\*17)



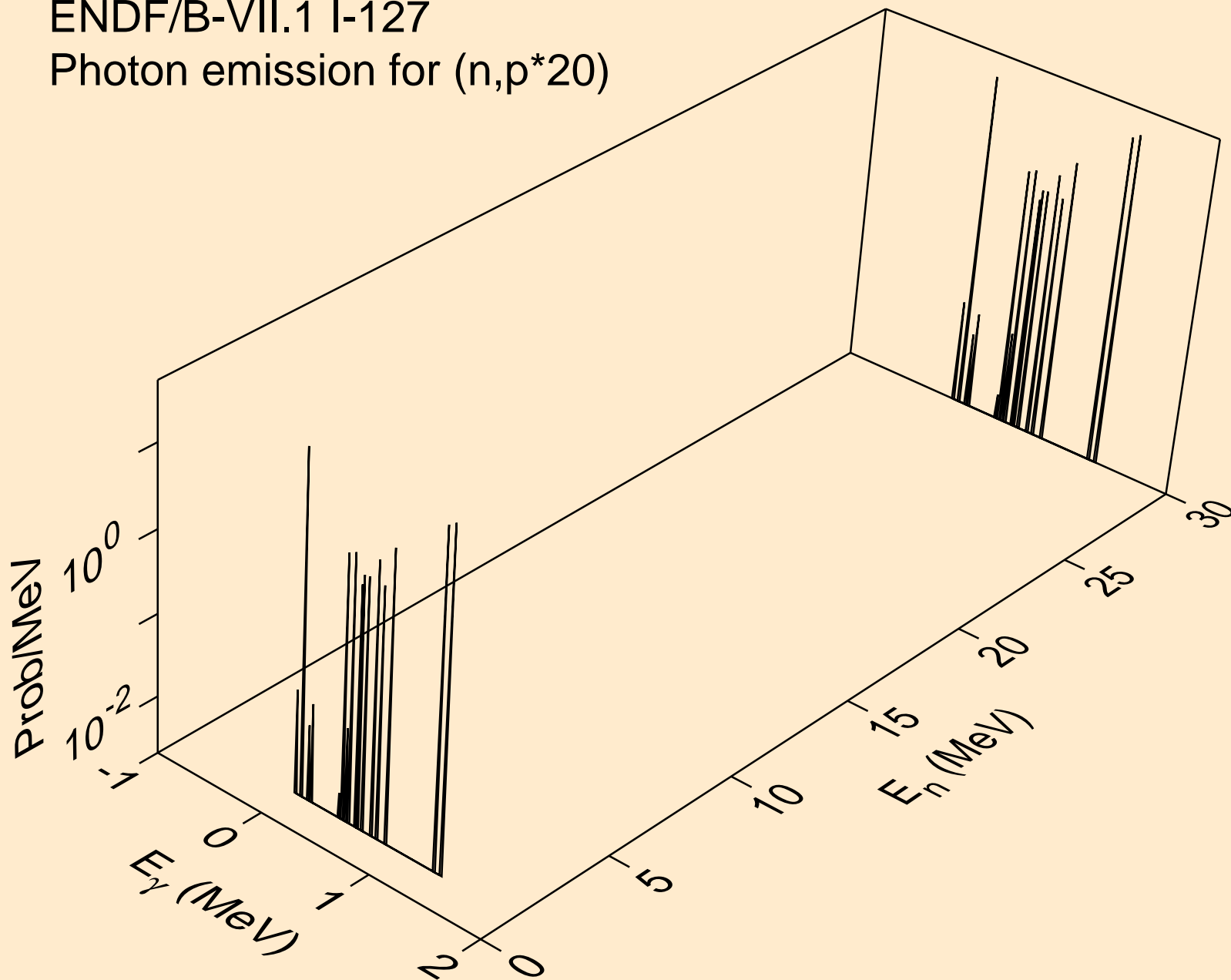
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Photon emission for (n,p\*18)



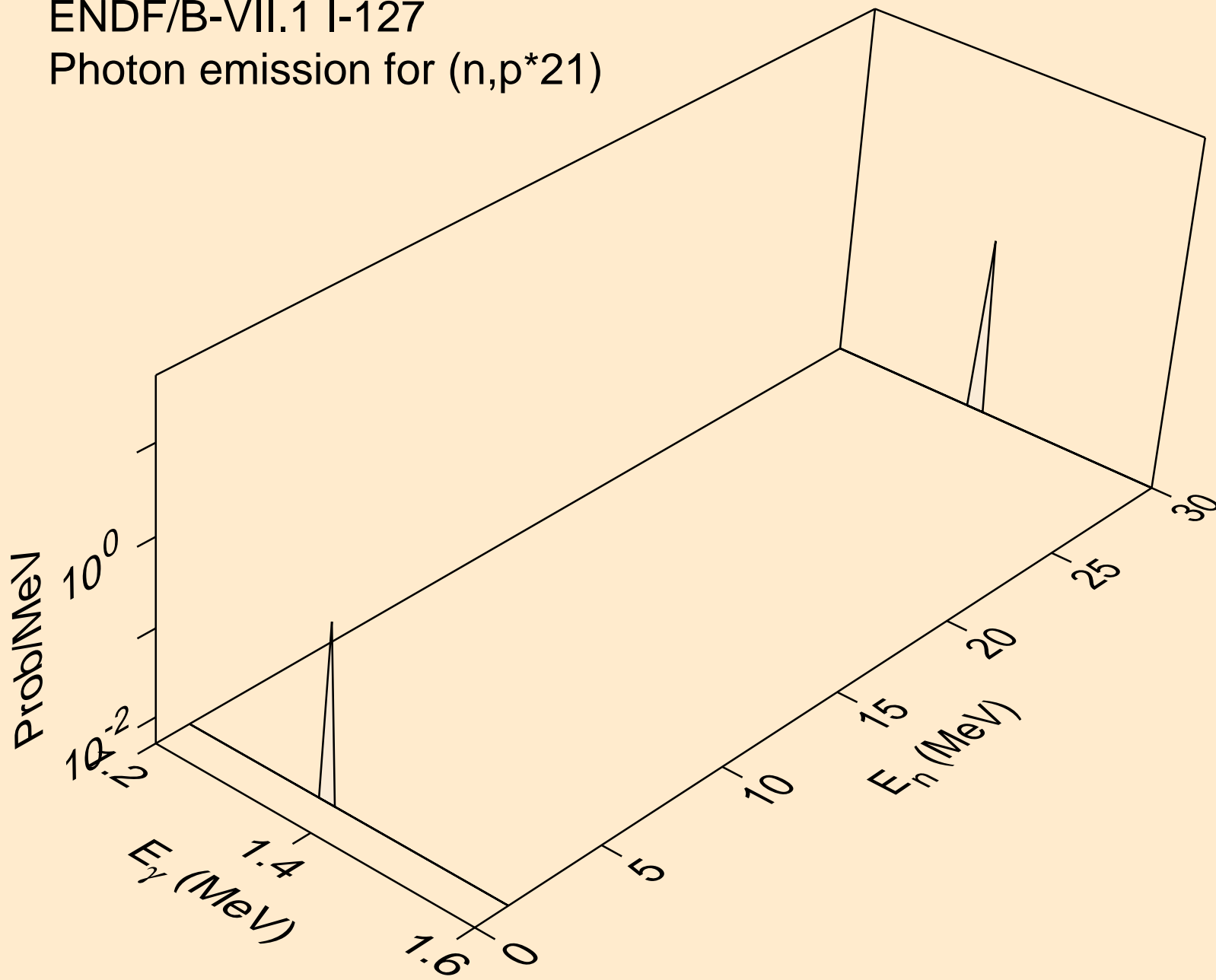
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Photon emission for (n,p\*19)



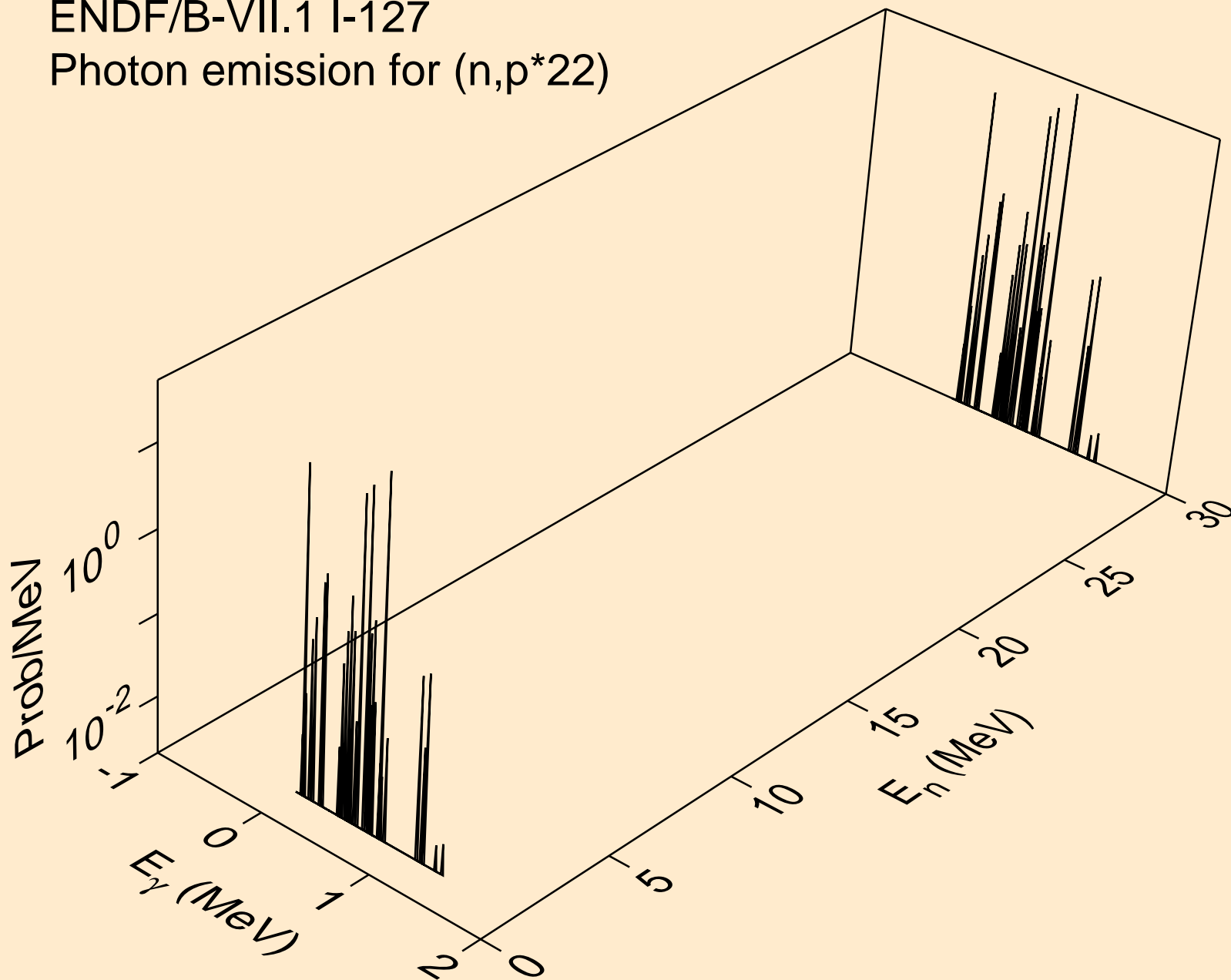
ENDF/B-VII.1 I-127  
Photon emission for (n,p\*20)



ENDF/B-VII.1 I-127  
Photon emission for (n,p\*21)

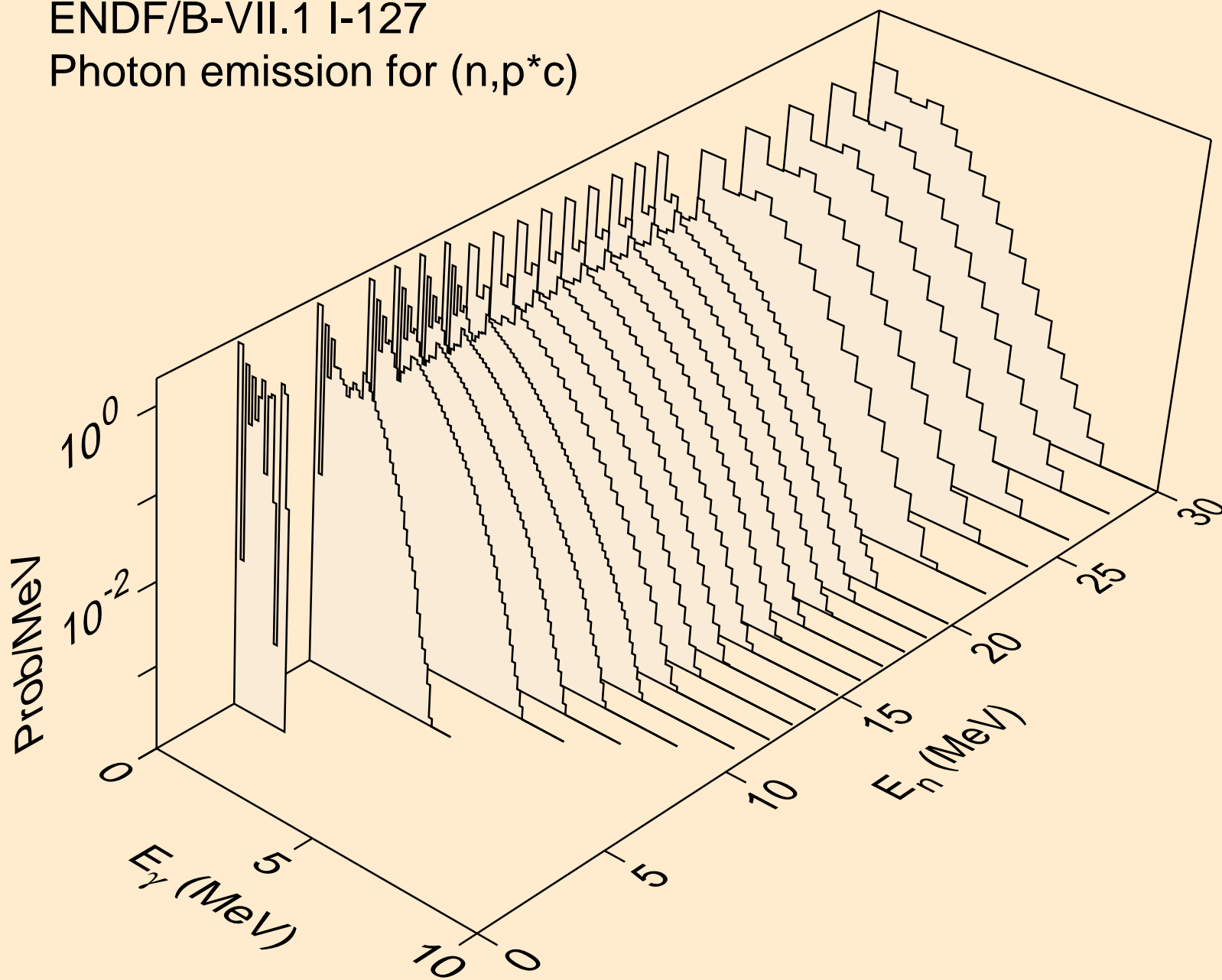


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Photon emission for (n,p\*22)

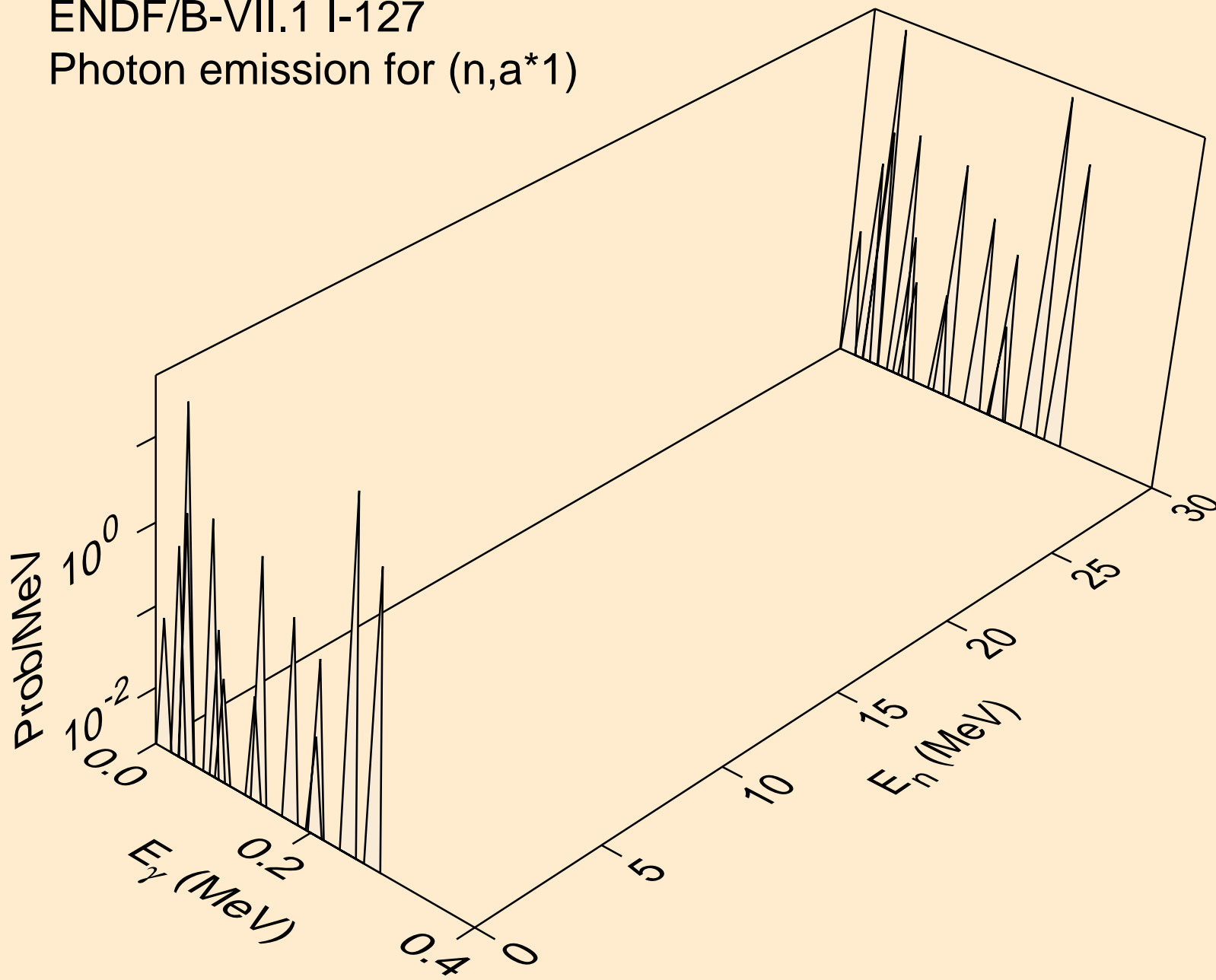




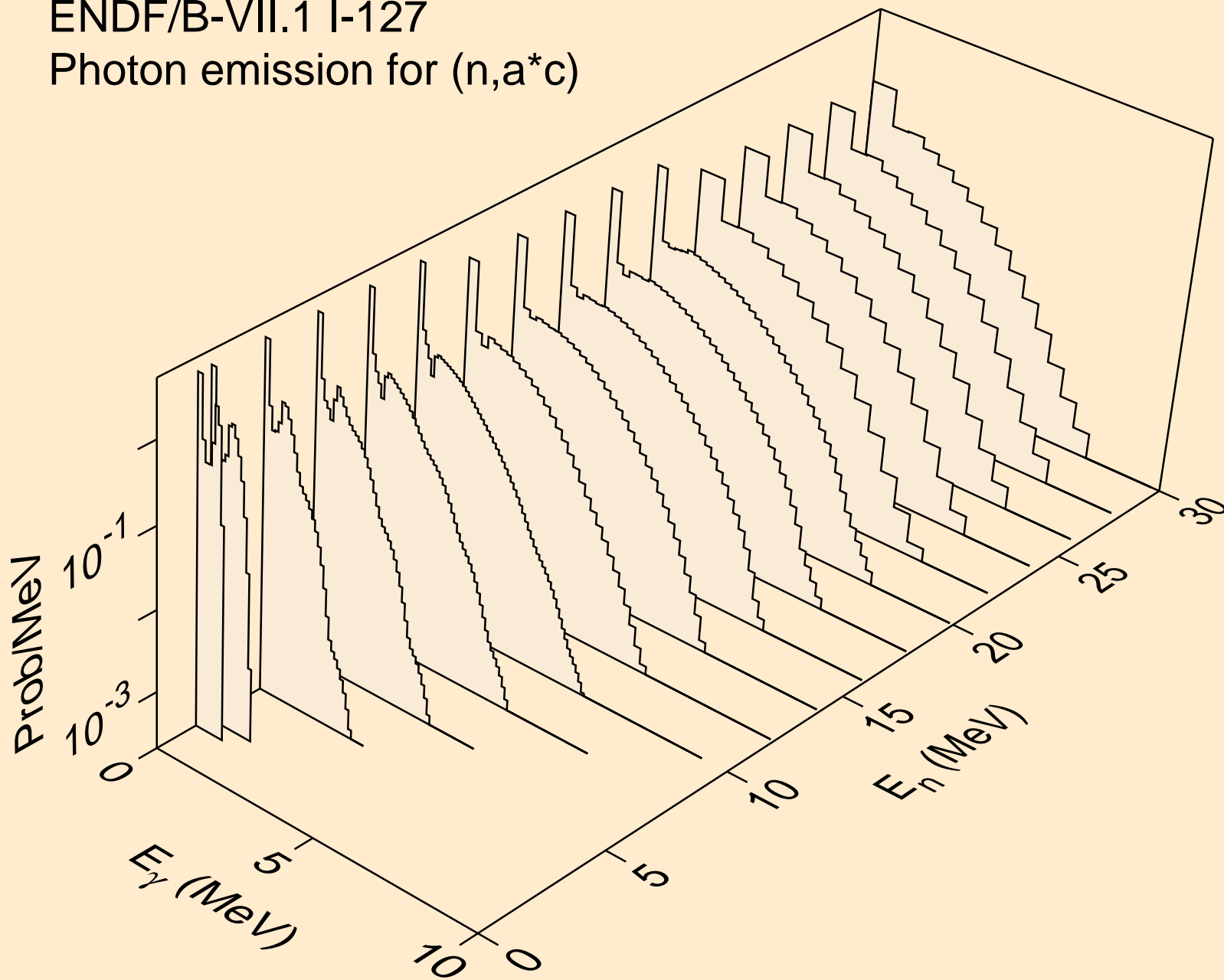
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Photon emission for (n,p\*c)



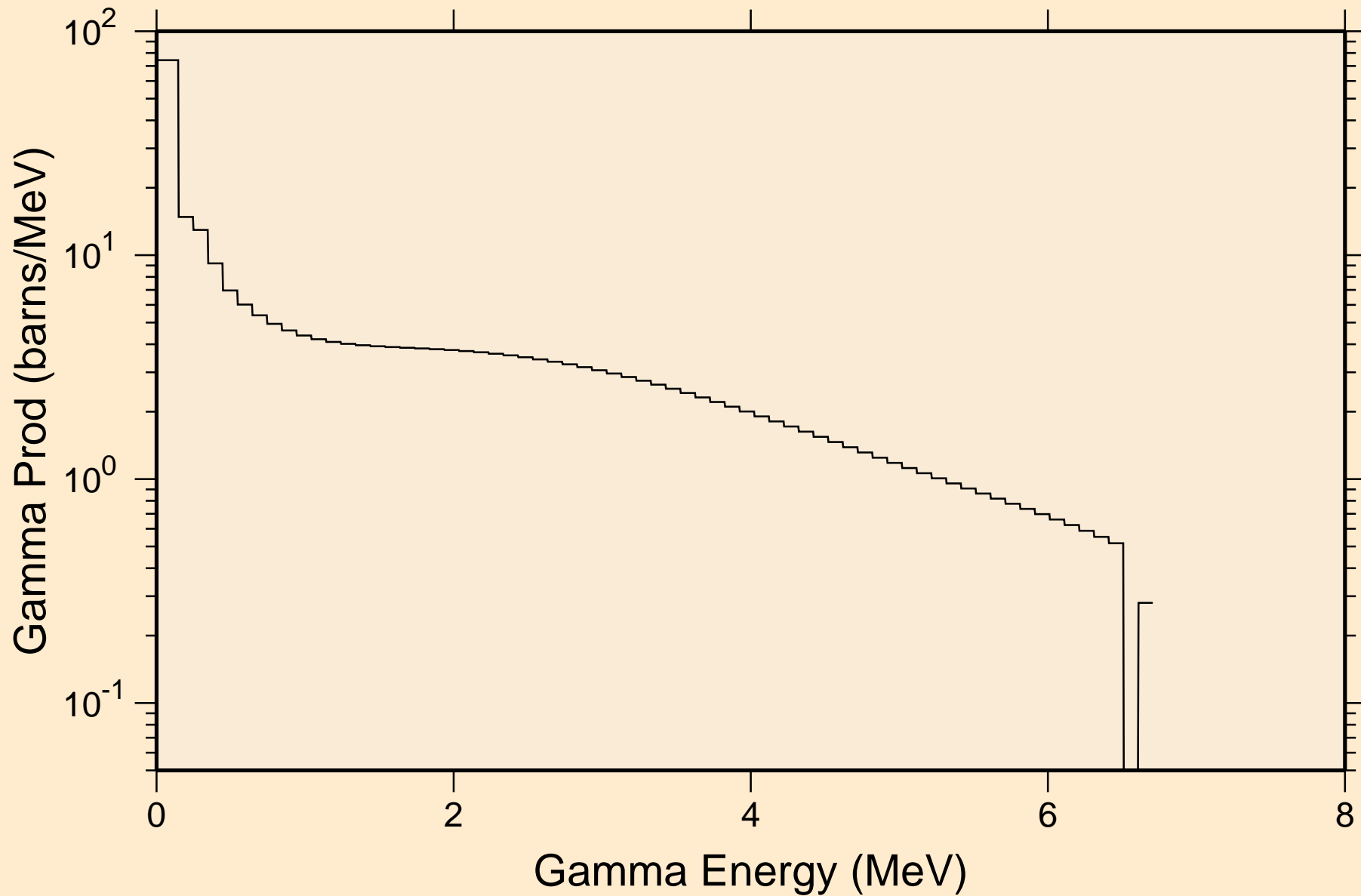
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Photon emission for (n,a\*1)



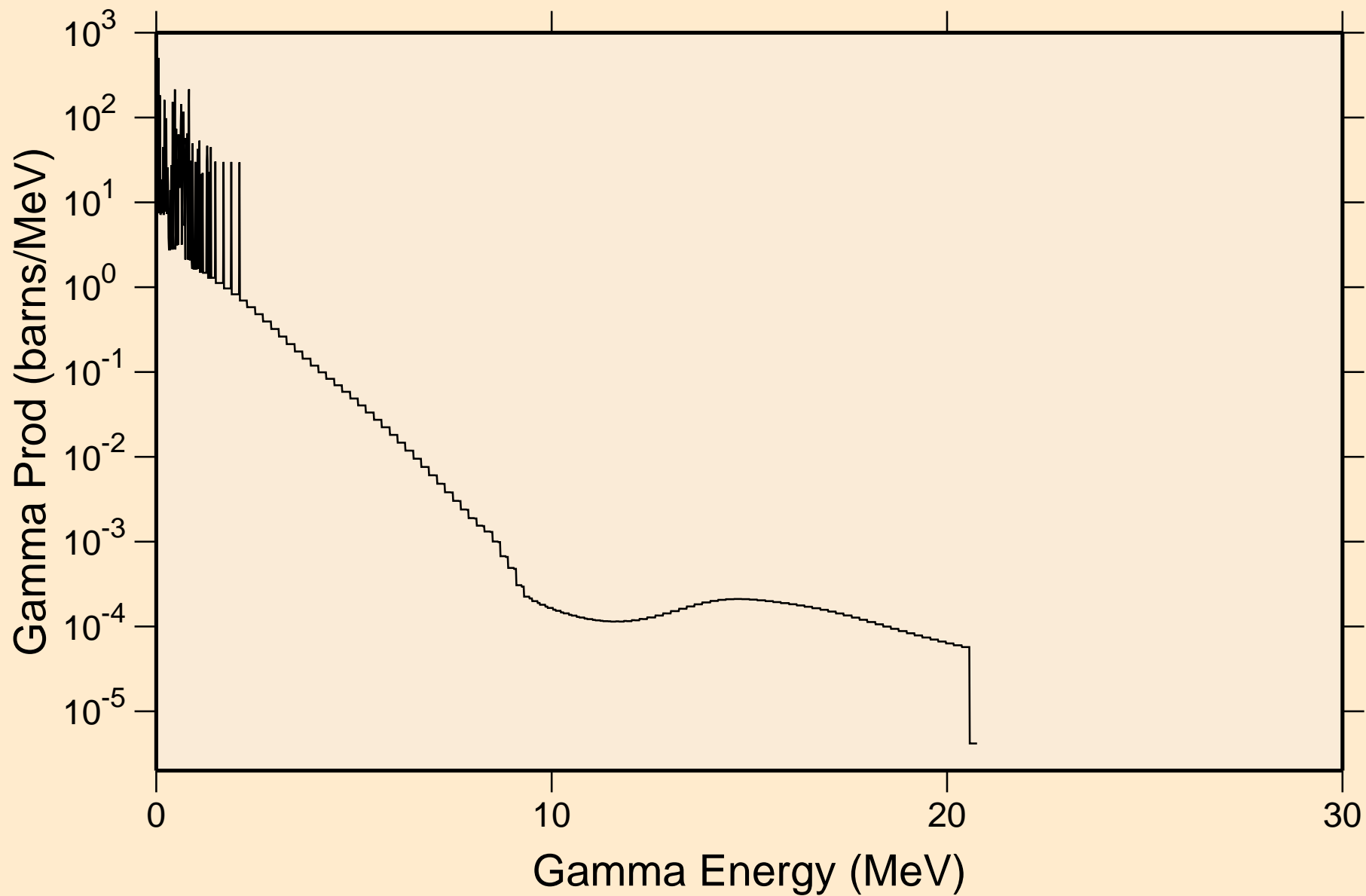
ENDF/B-VII.1 I-127  
Photon emission for (n,a\*c)



ENDF/B-VII.1 I-127  
thermal capture photon spectrum

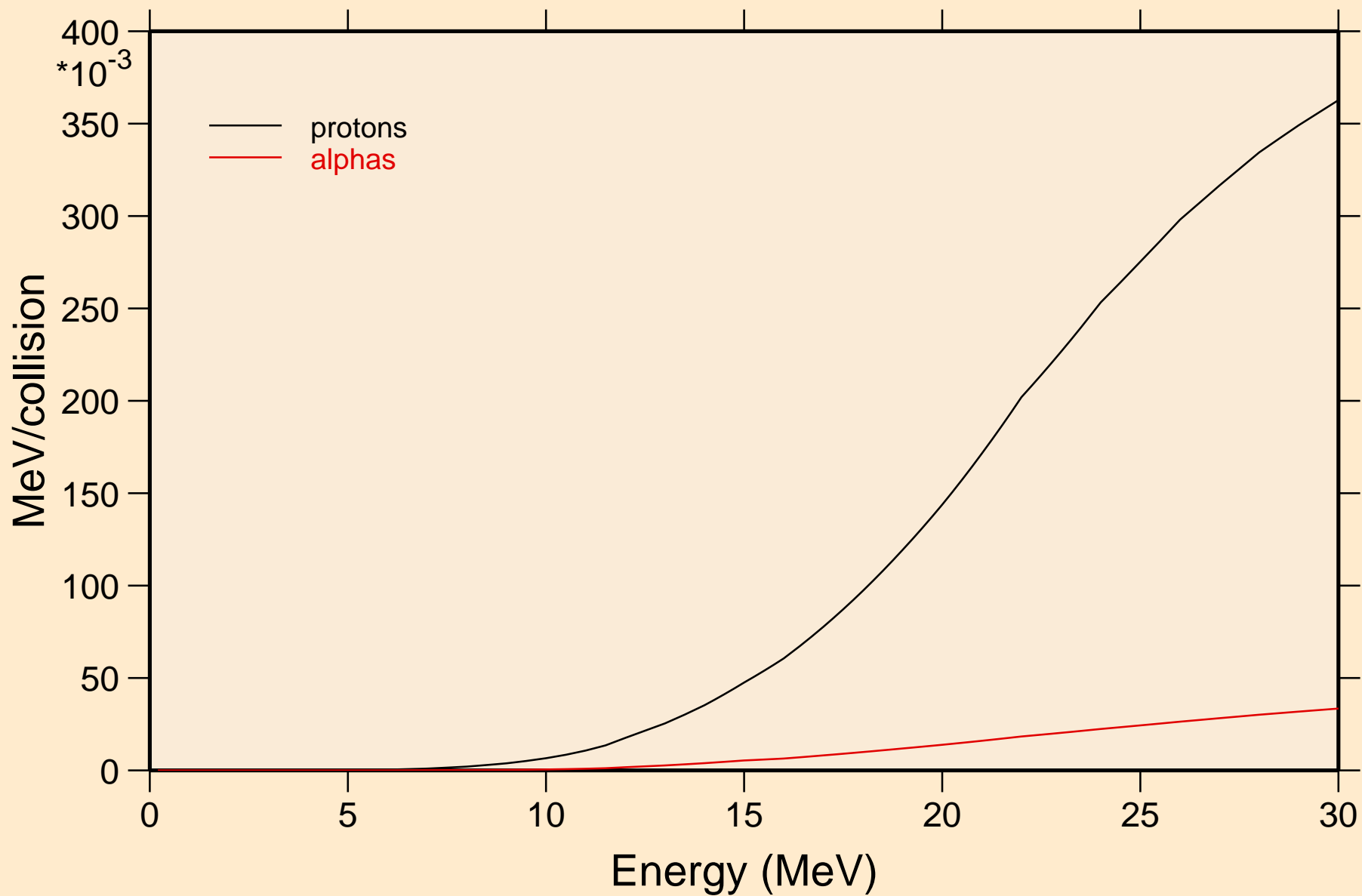


ENDF/B-VII.1 I-127  
14 MeV photon spectrum



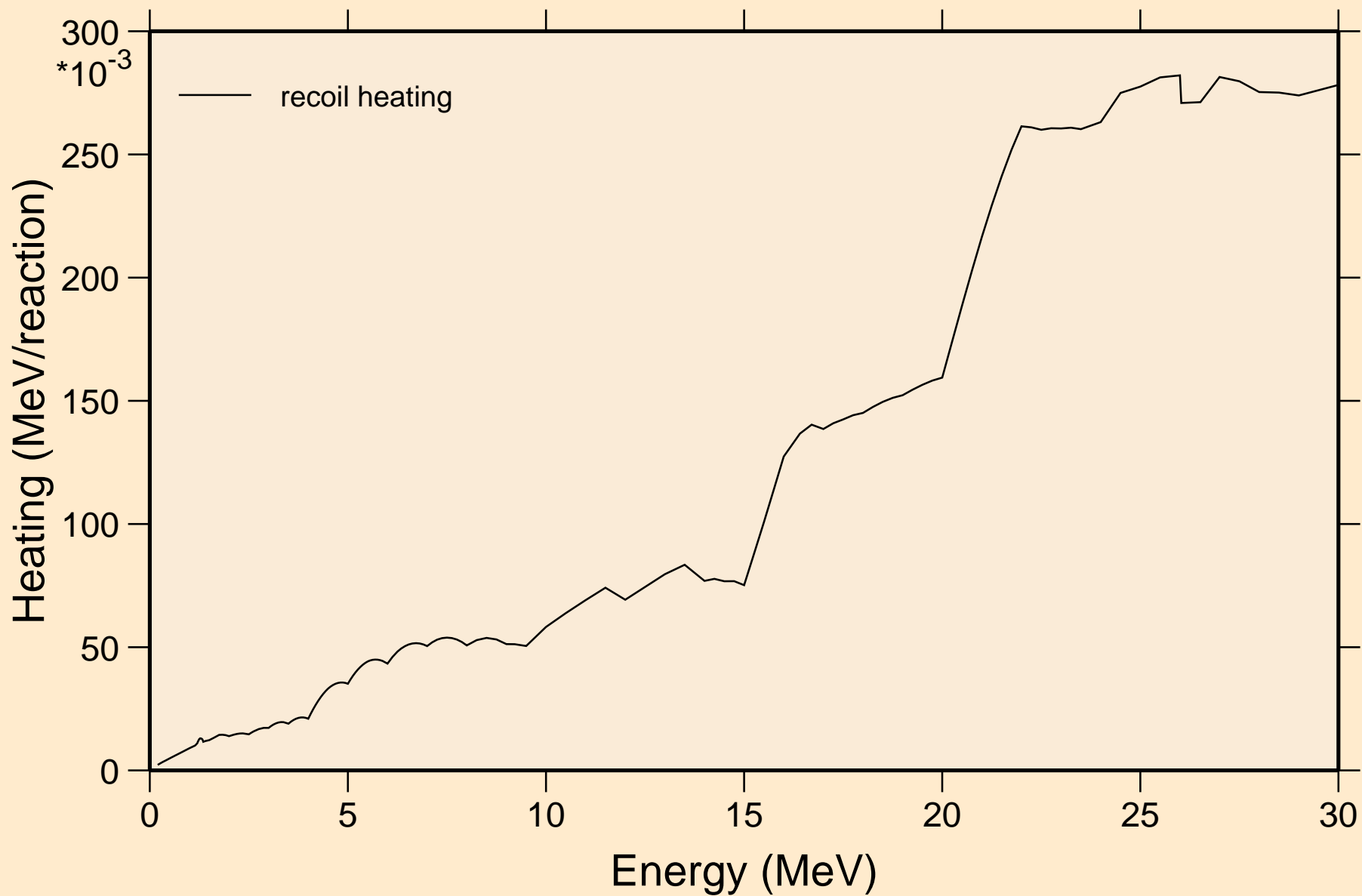
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## Particle heating contributions



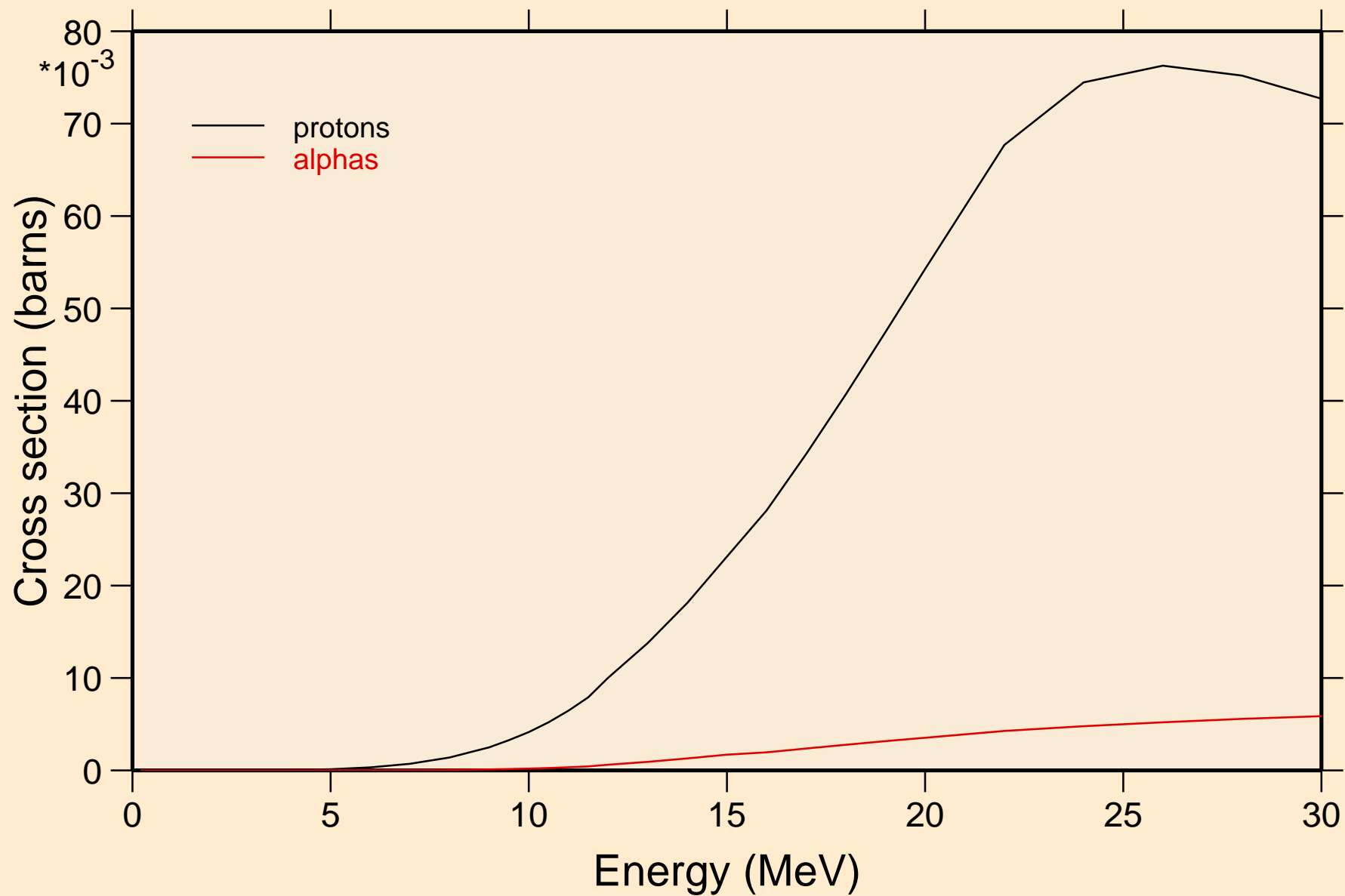
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## Recoil Heating



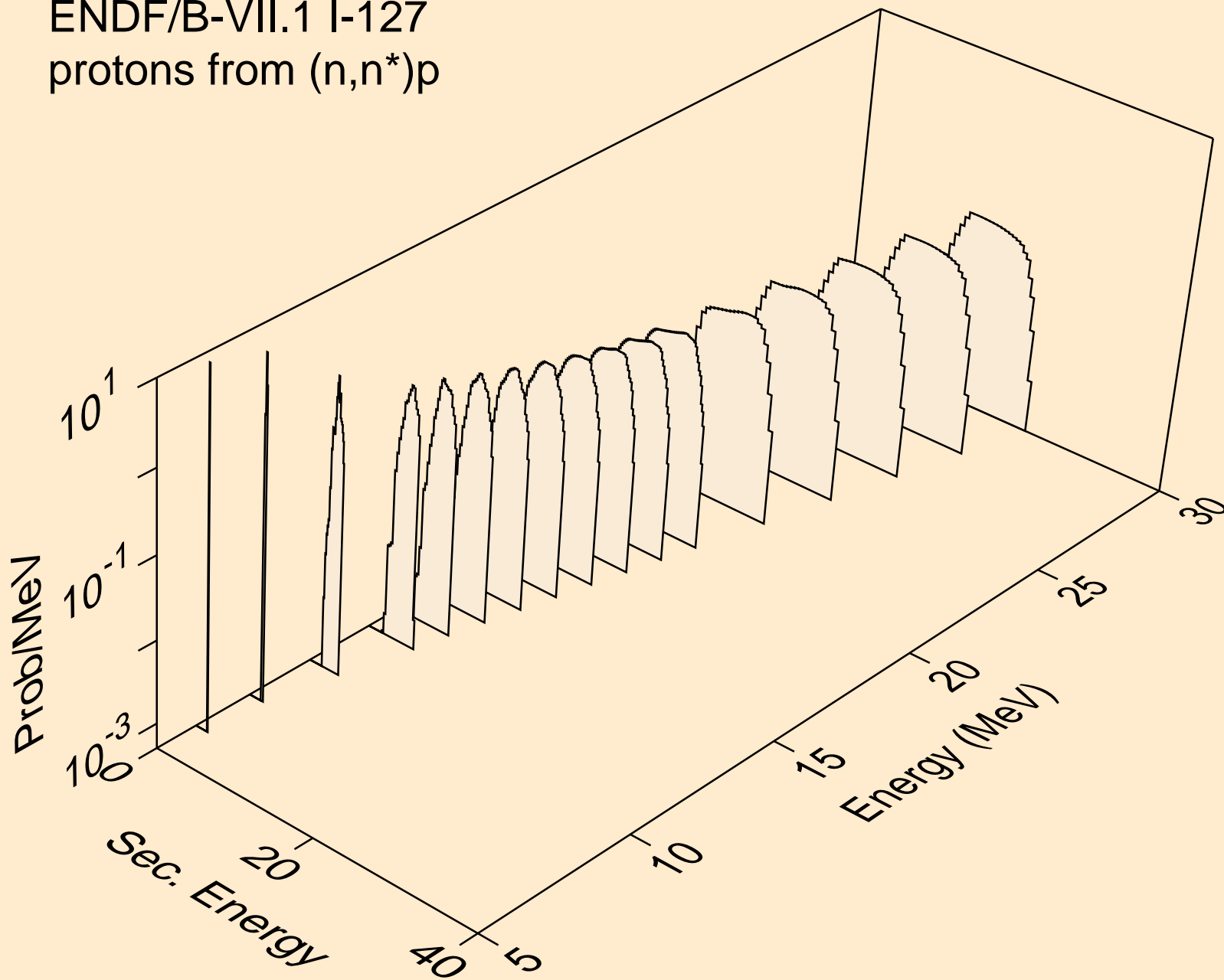
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## Particle production cross sections



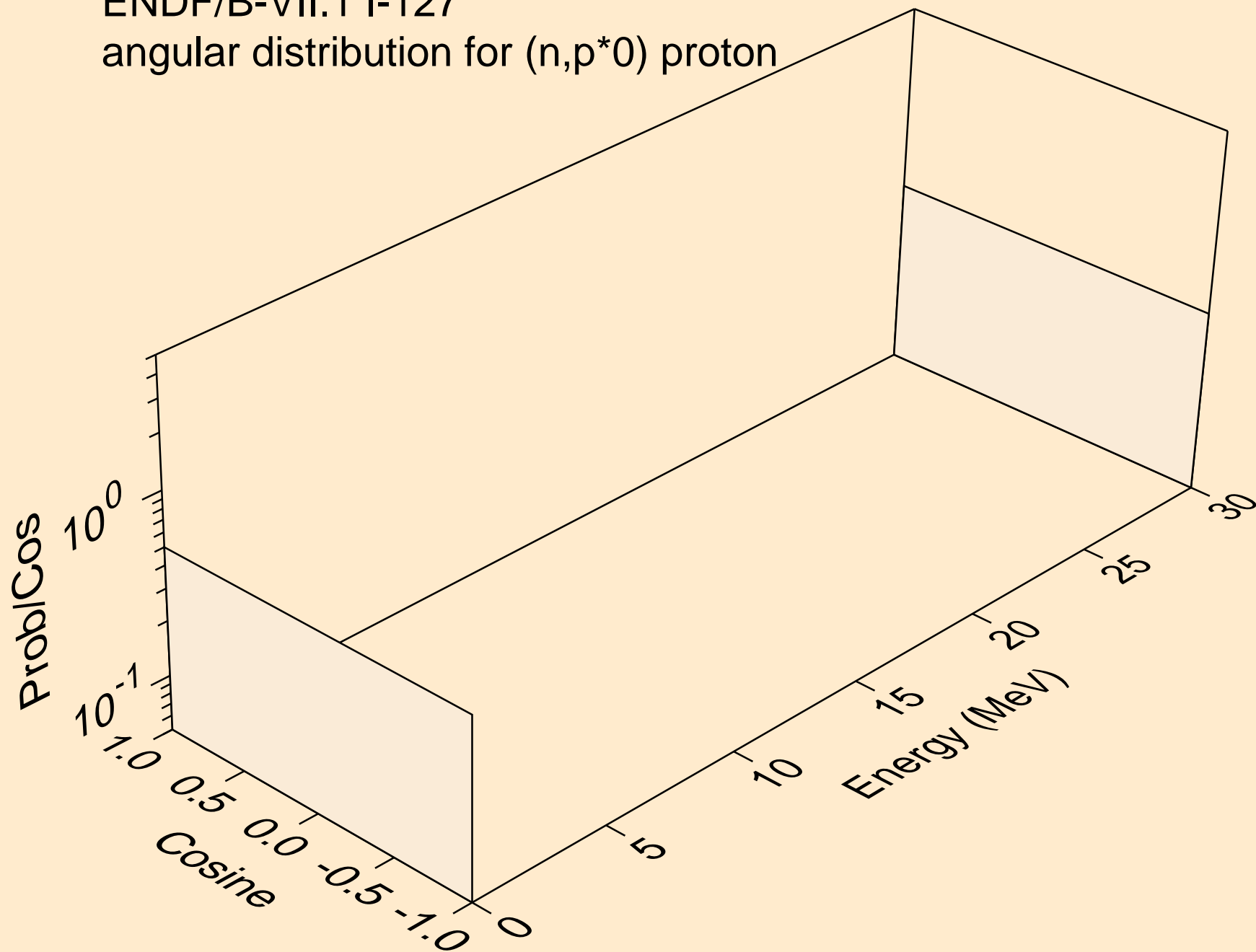


ENDF/B-VII.1 I-127  
protons from (n,n\*)p



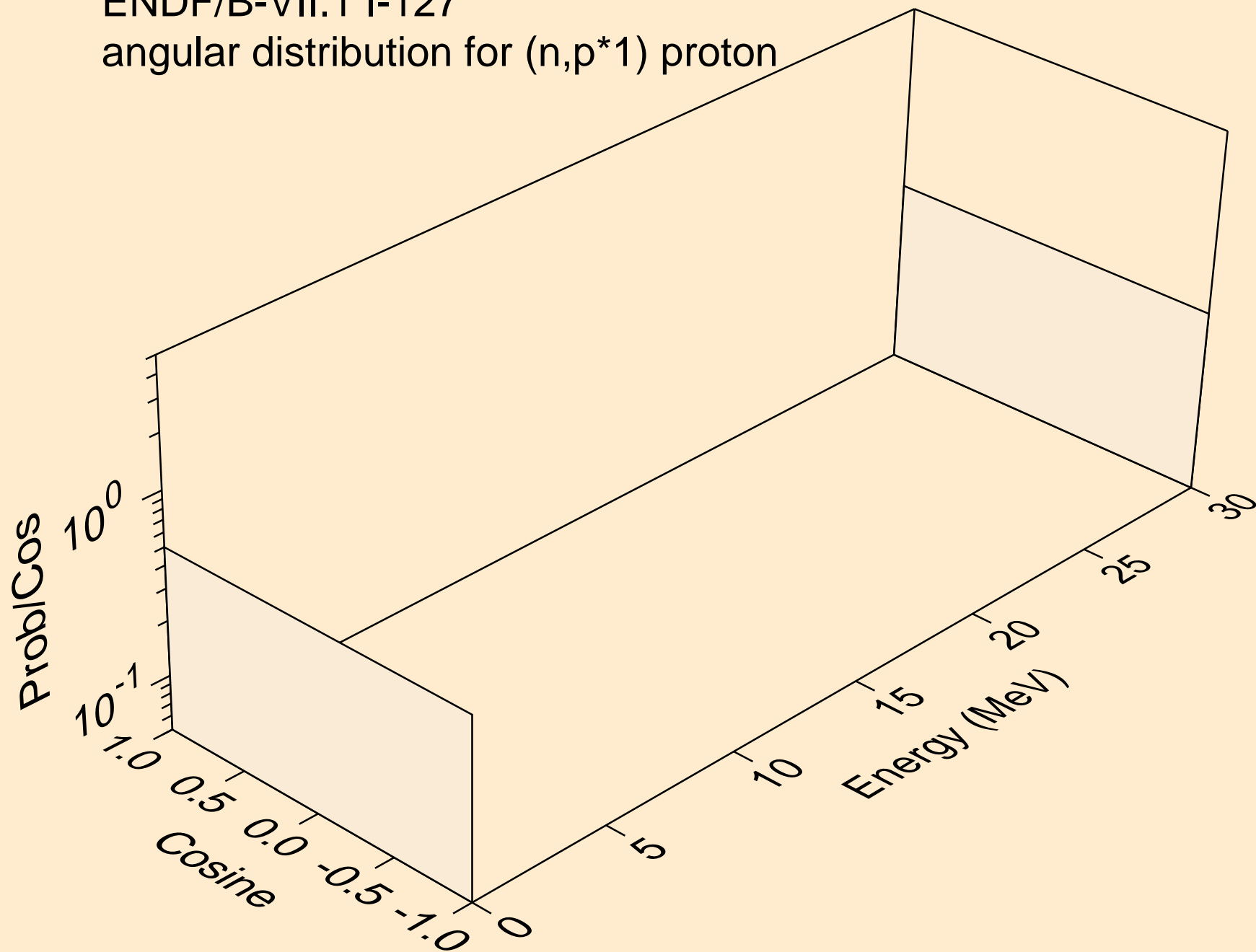
ENDF/B-VII.1 I-127

angular distribution for (n,p\*0) proton



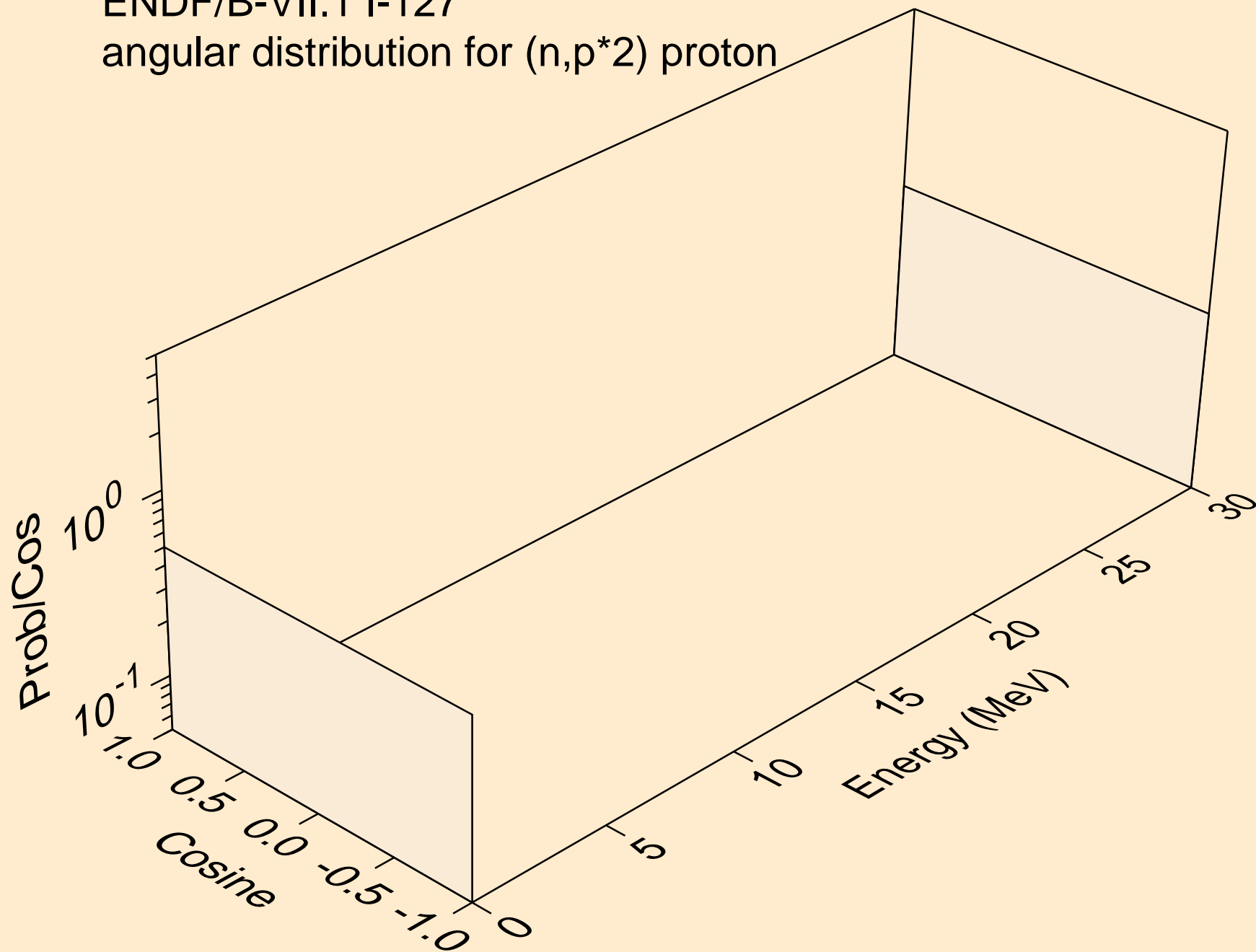
ENDF/B-VII.1 I-127

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



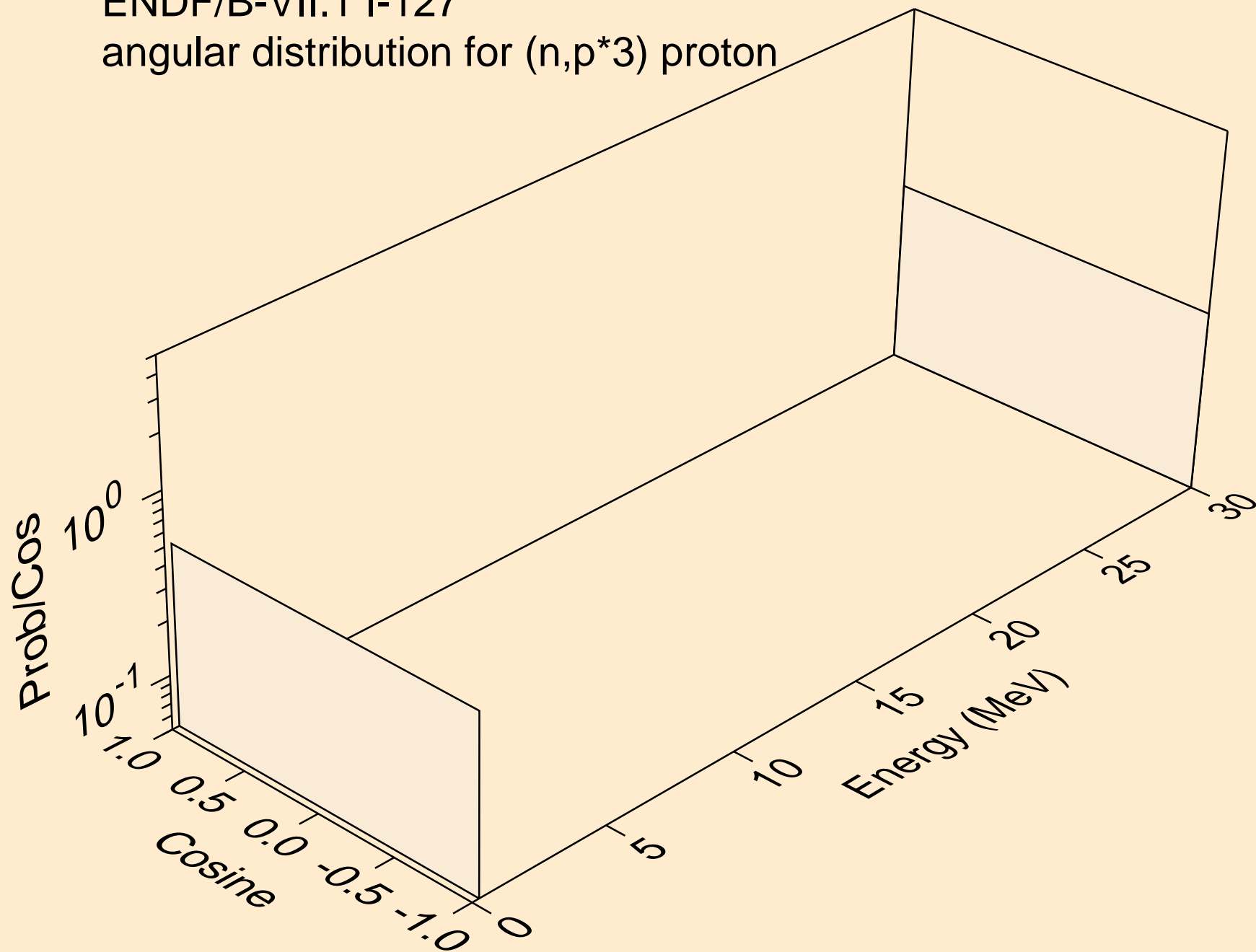
ENDF/B-VII.1 I-127

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



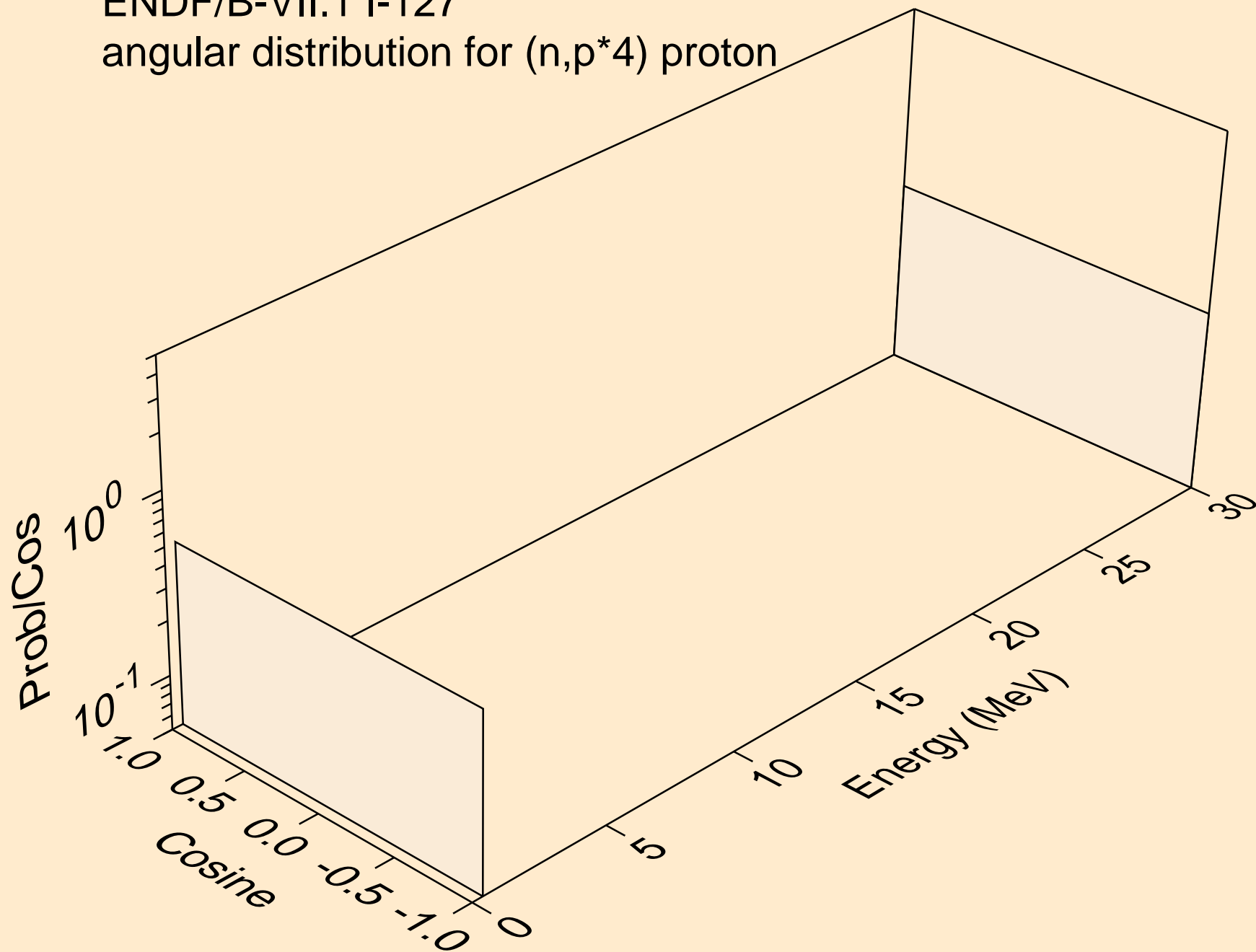
ENDF/B-VII.1 I-127

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



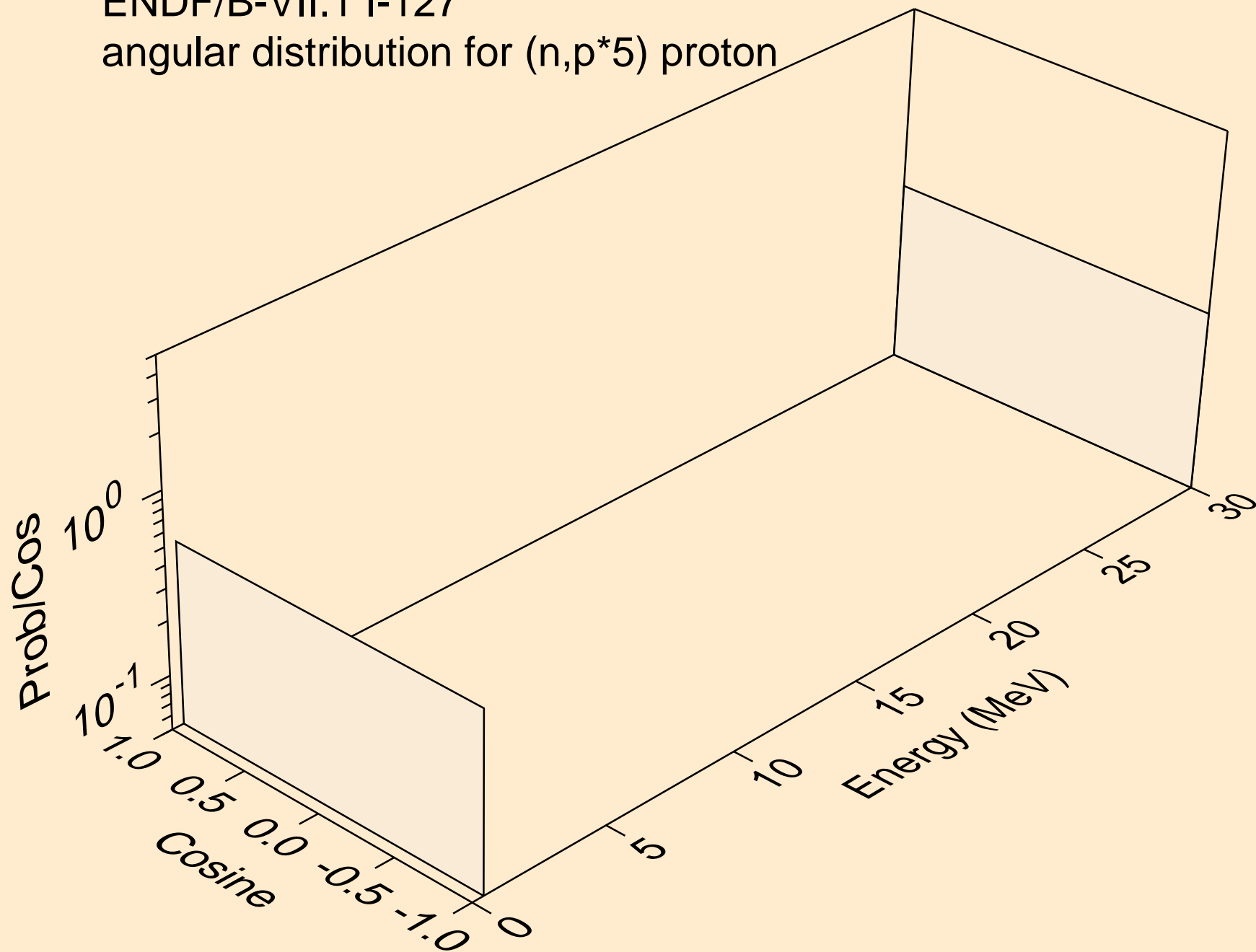
ENDF/B-VII.1 I-127

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



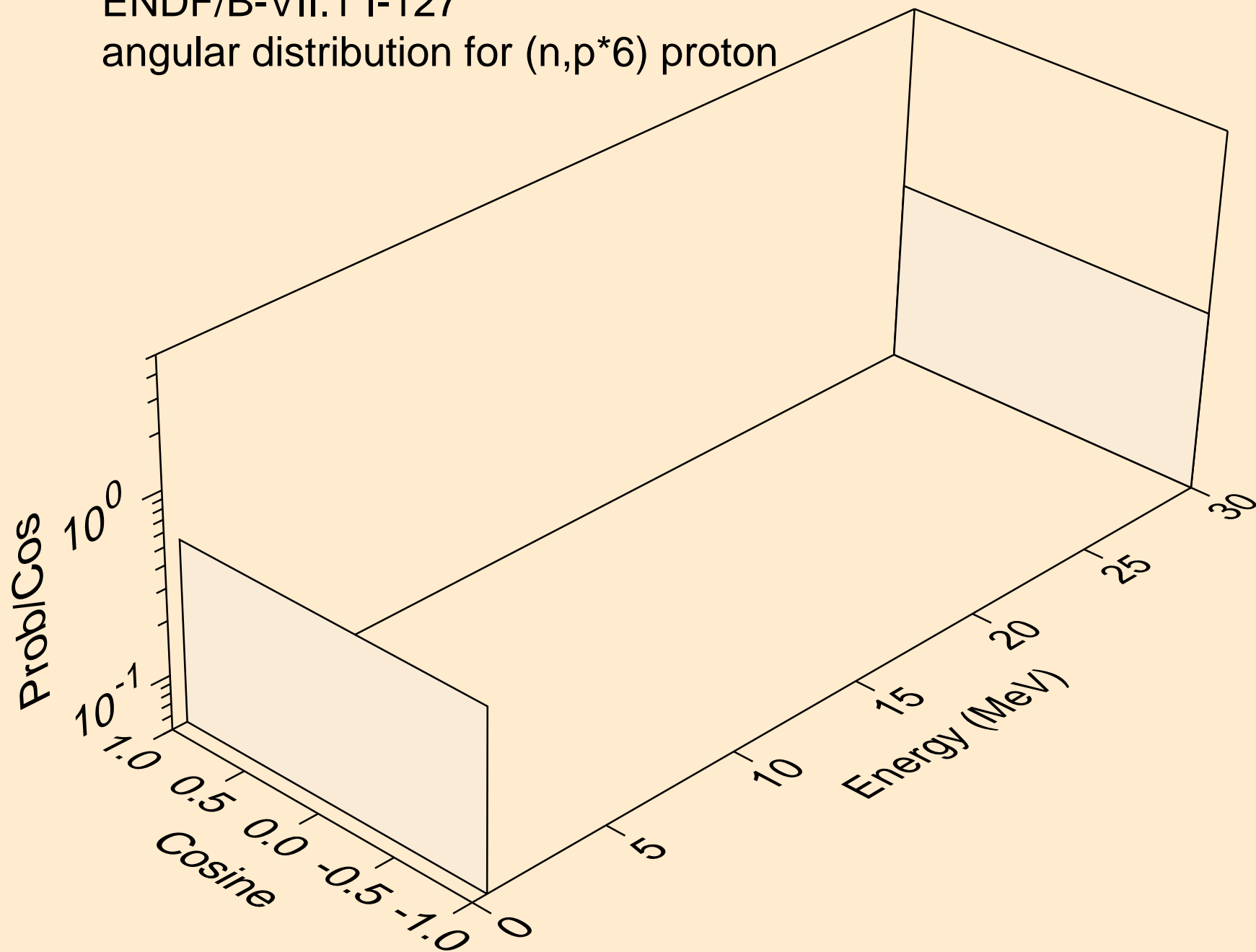
ENDF/B-VII.1 I-127

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



ENDF/B-VII.1 I-127

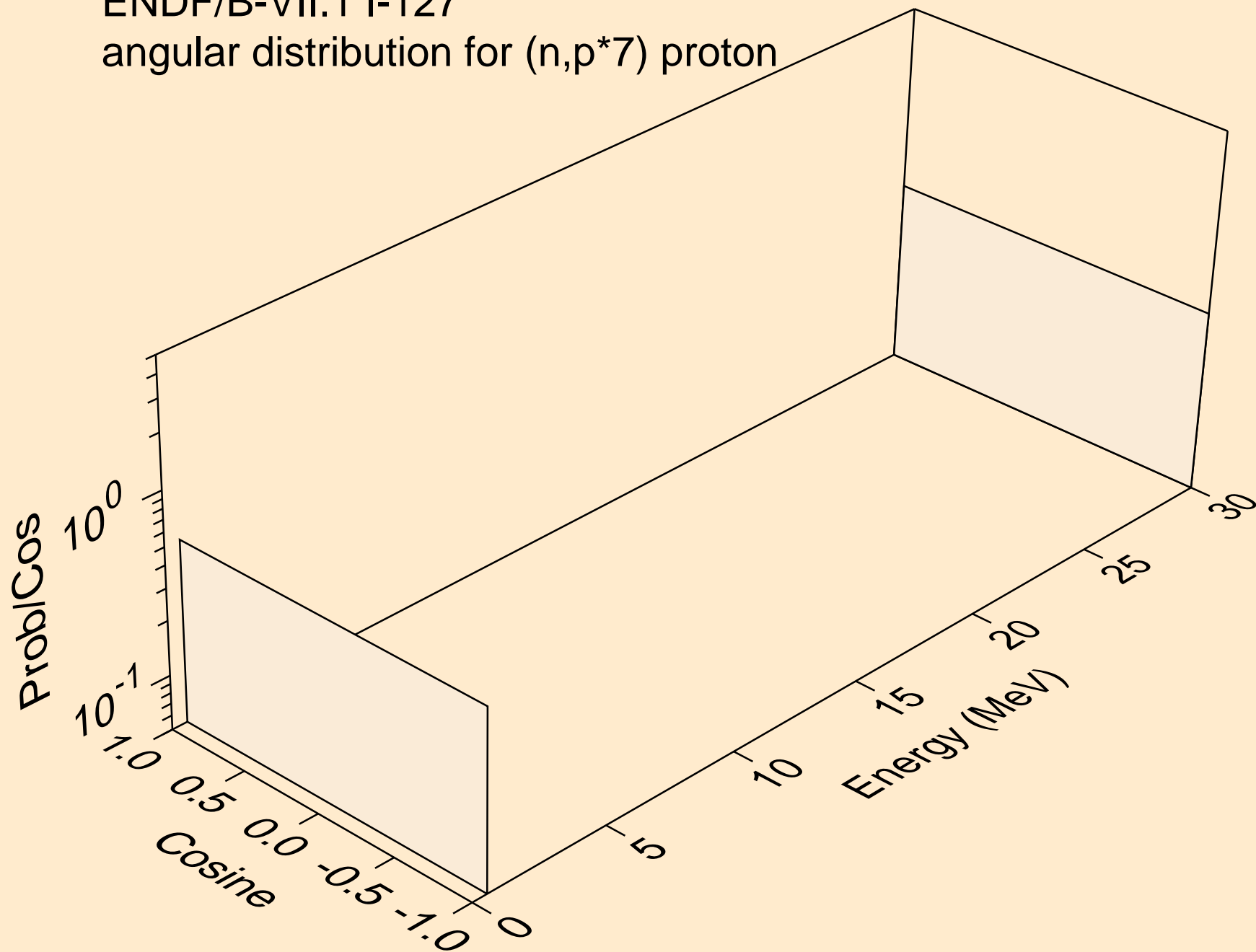
angular distribution for (n,p\*6) proton





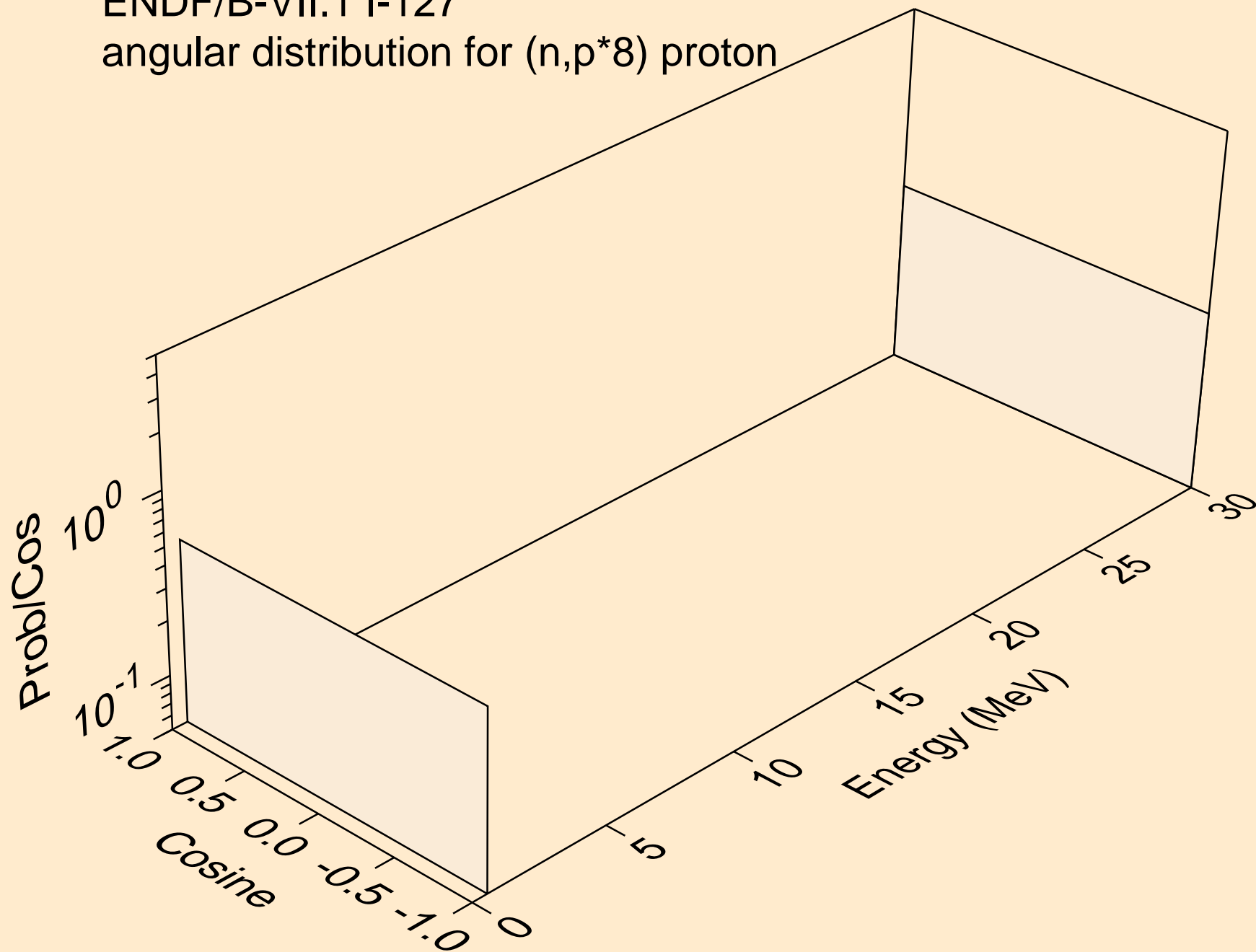
ENDF/B-VII.1 I-127

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



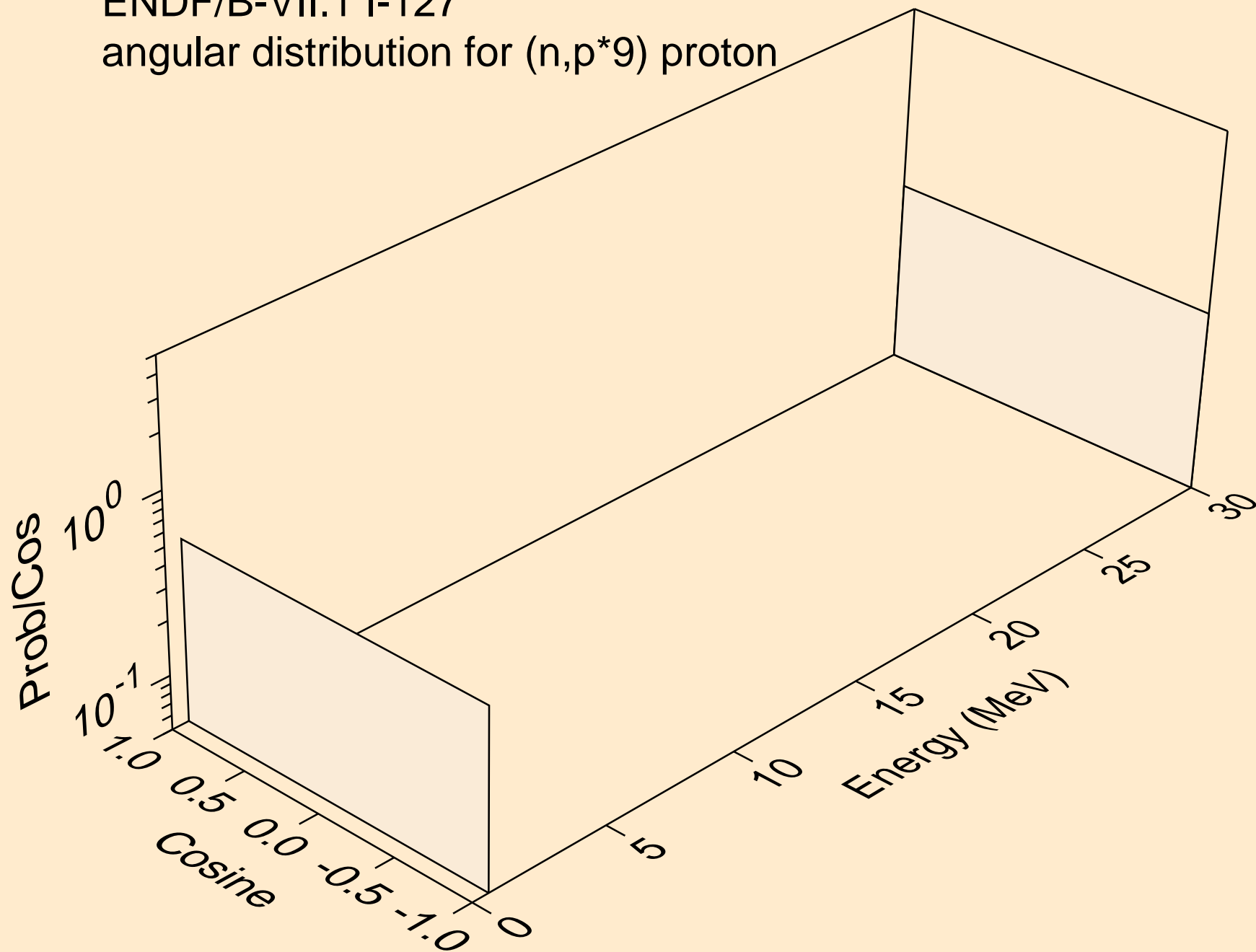
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angular distribution for (n,p\*8) proton



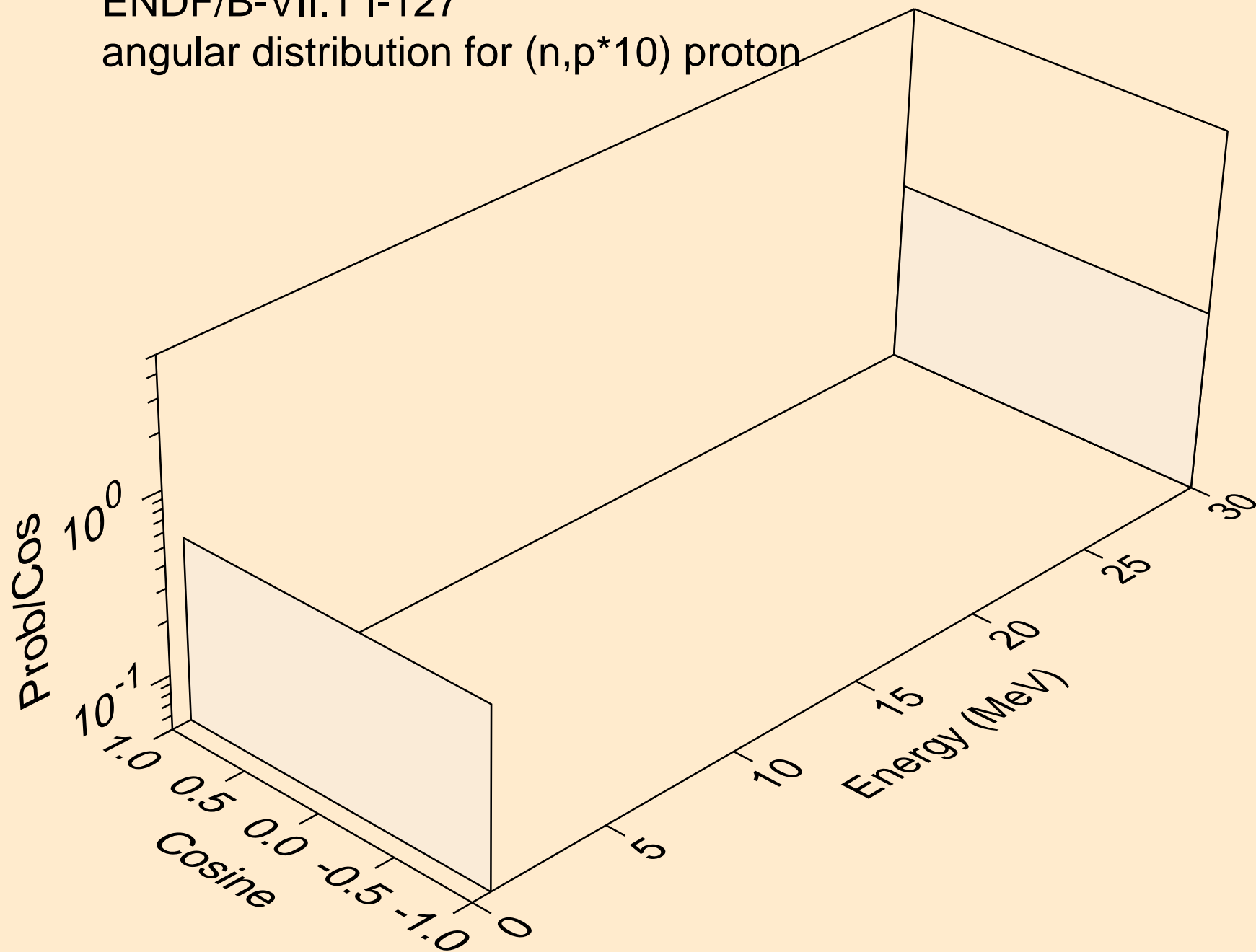
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angular distribution for (n,p\*9) proton



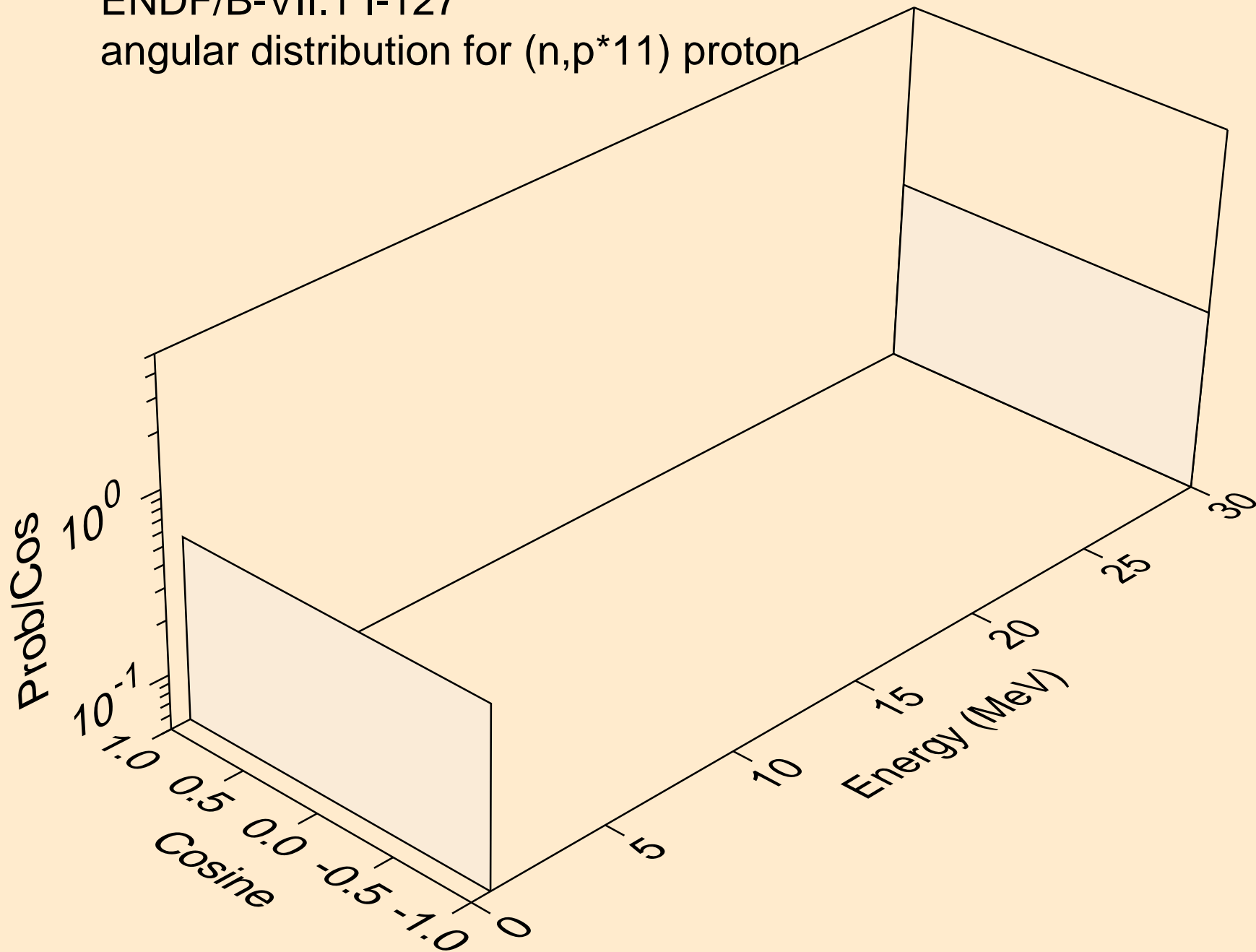
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angular distribution for (n,p\*10) proton



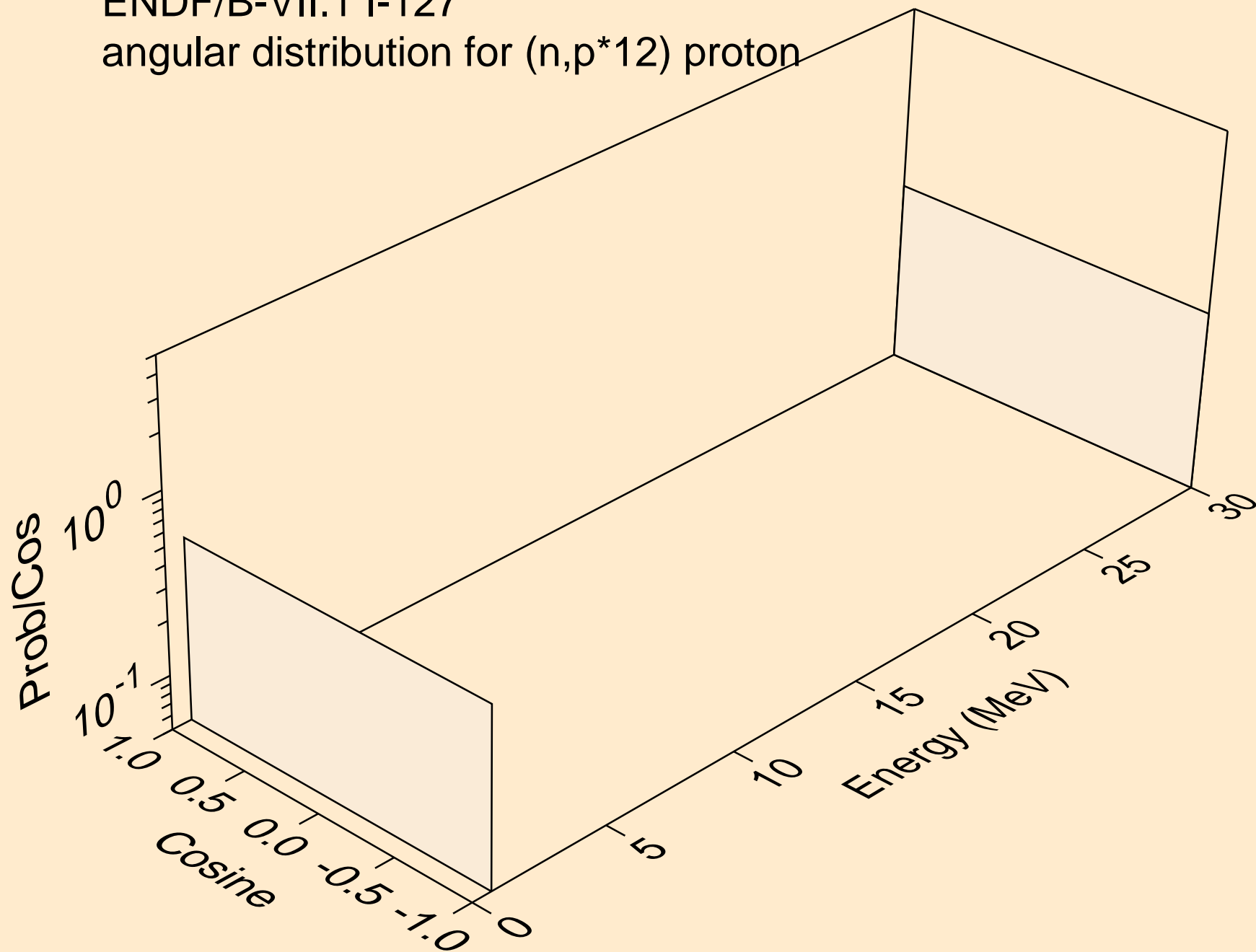
ENDF/B-VII.1 I-127

angular distribution for (n,p\*11) proton



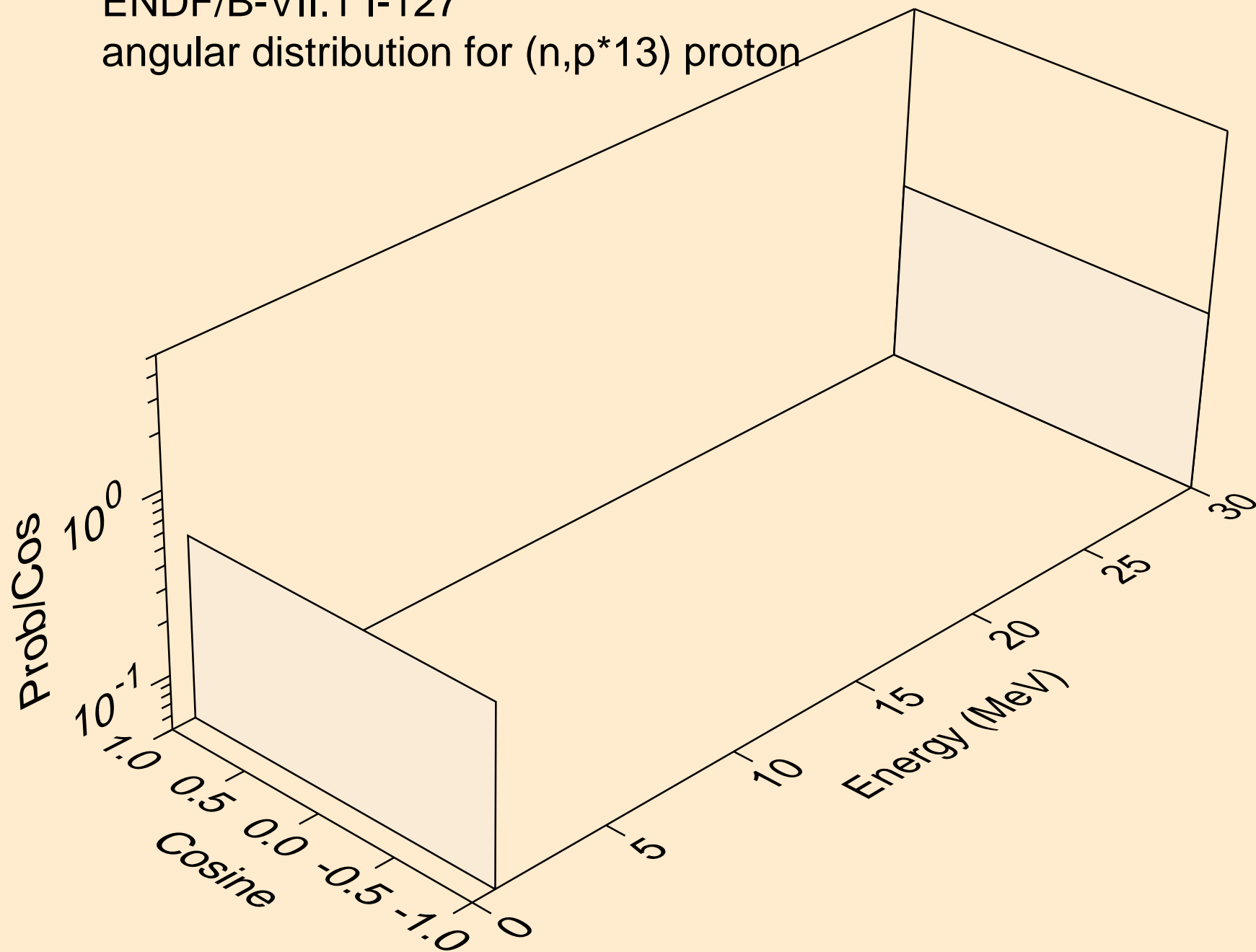
ENDF/B-VII.1 I-127

angular distribution for (n,p\*12) proton



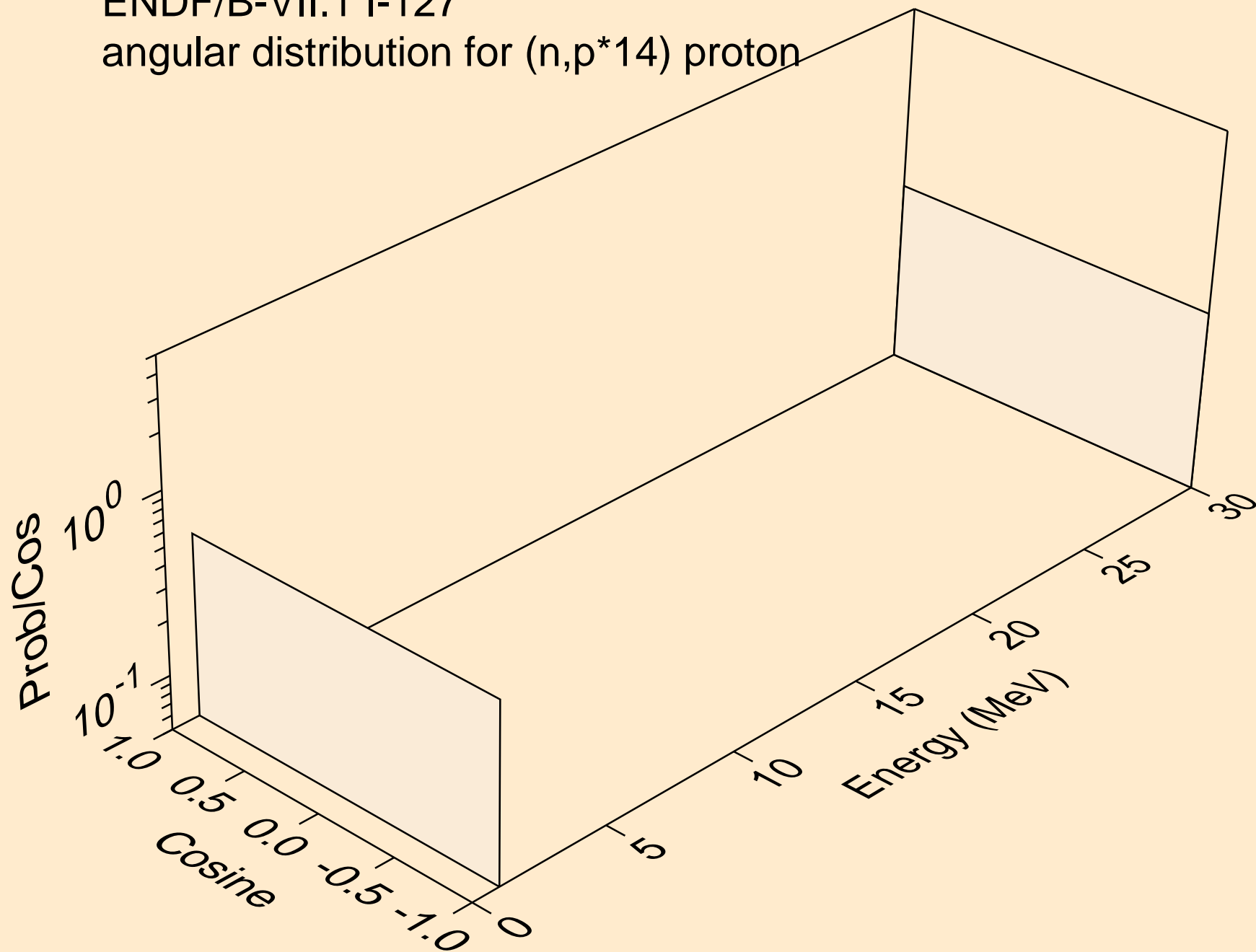
ENDF/B-VII.1 I-127

angular distribution for (n,p\*13) proton



ENDF/B-VII.1 I-127

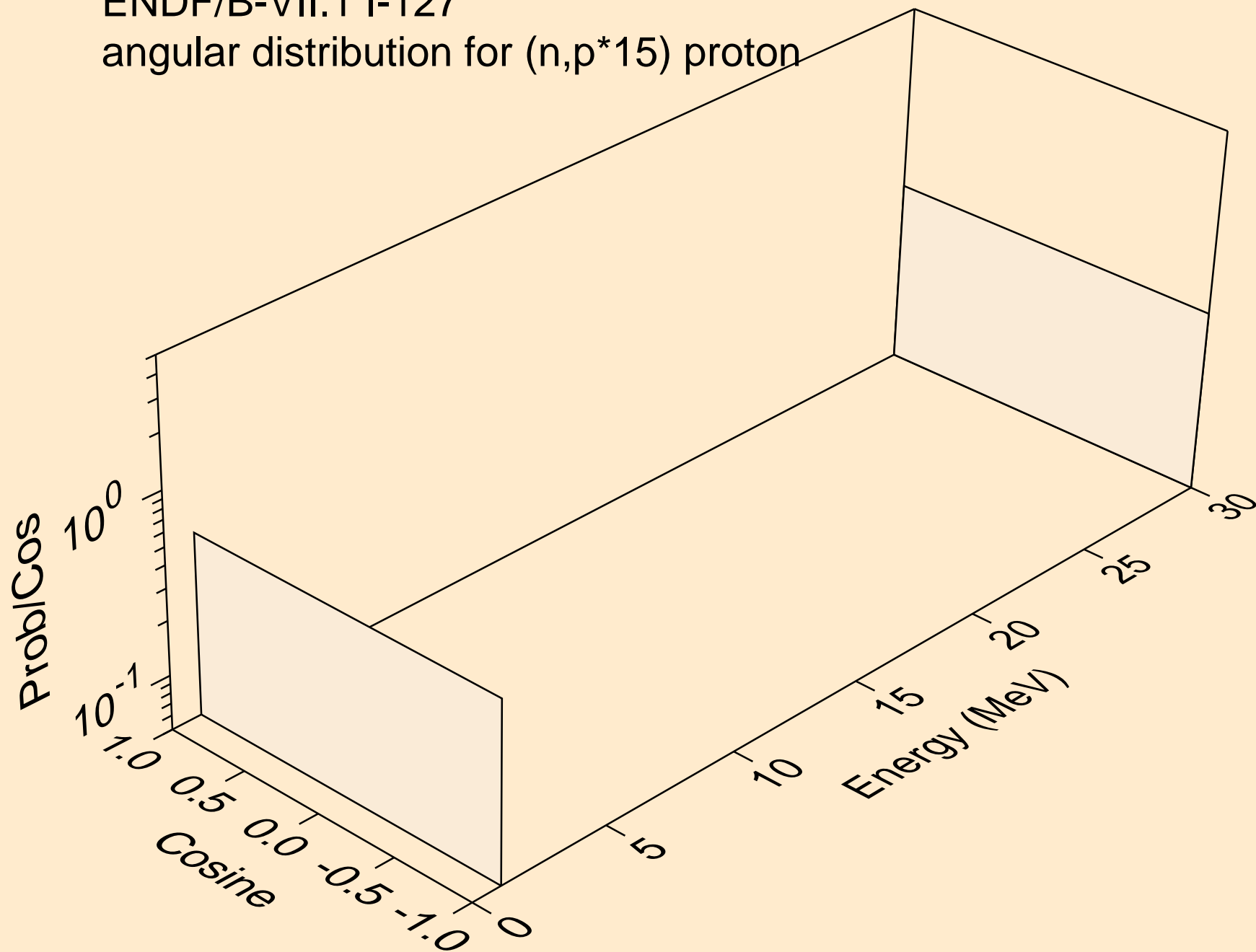
angular distribution for (n,p\*14) proton





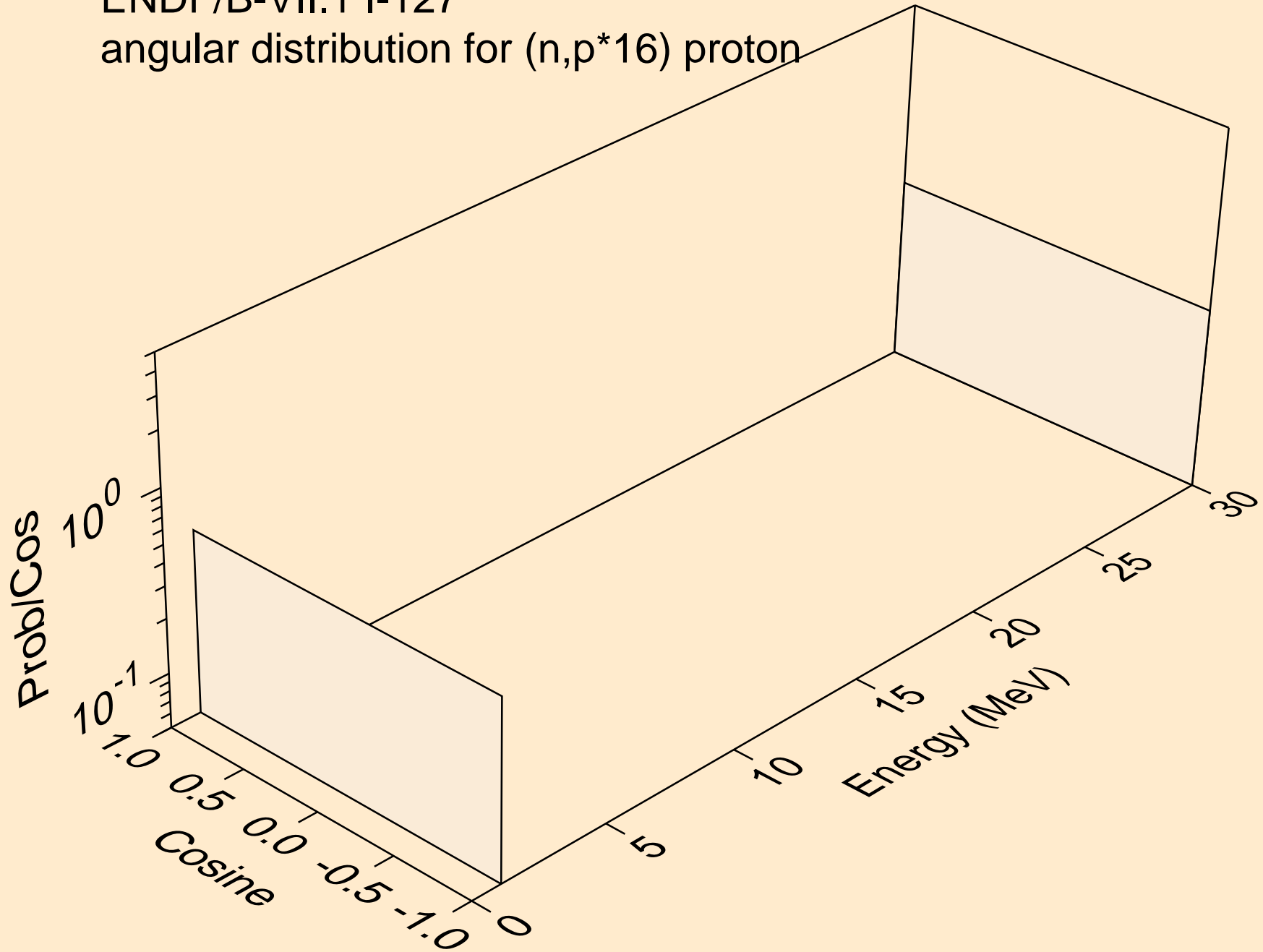
ENDF/B-VII.1 I-127

angular distribution for (n,p\*15) proton



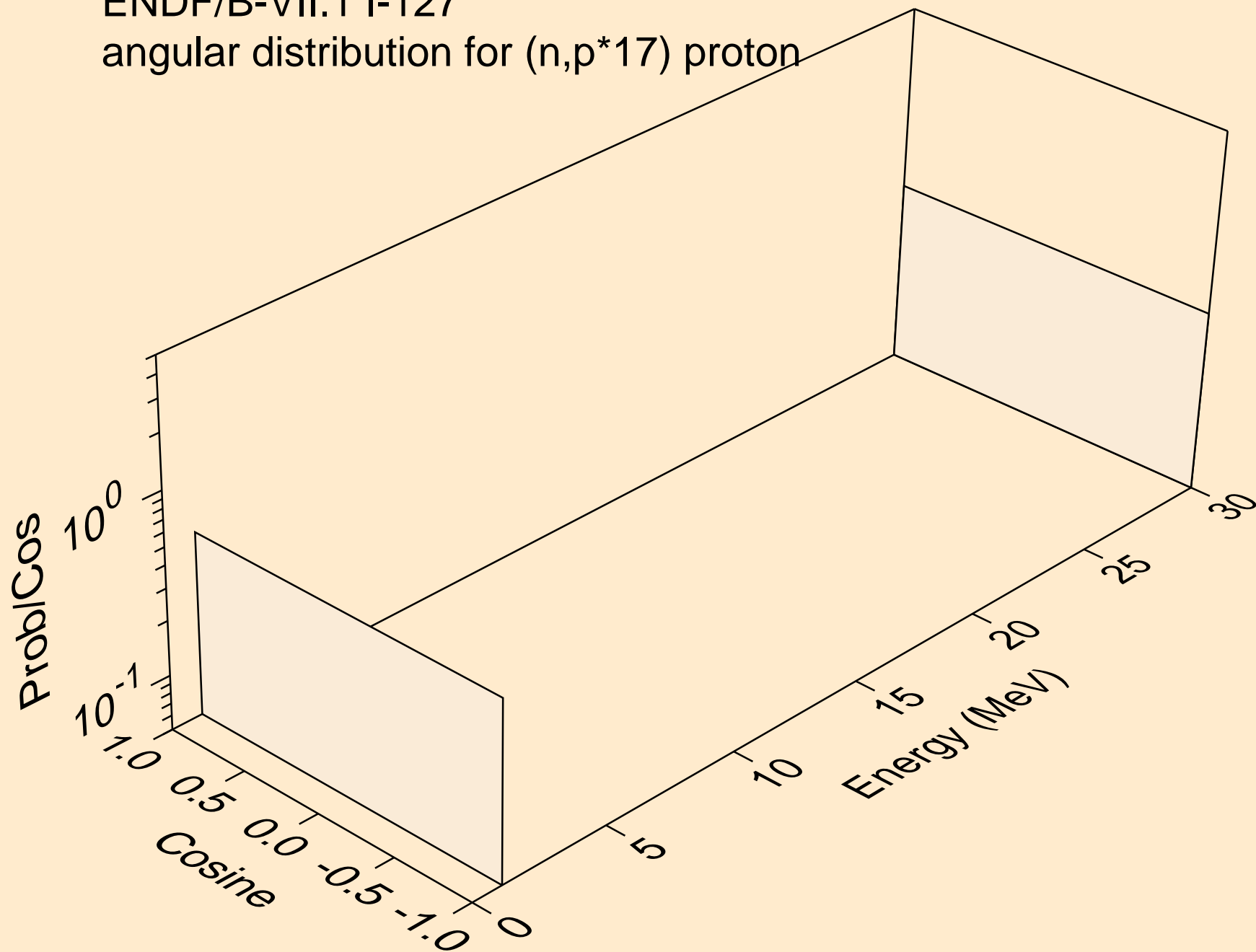
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angular distribution for (n,p\*16) proton



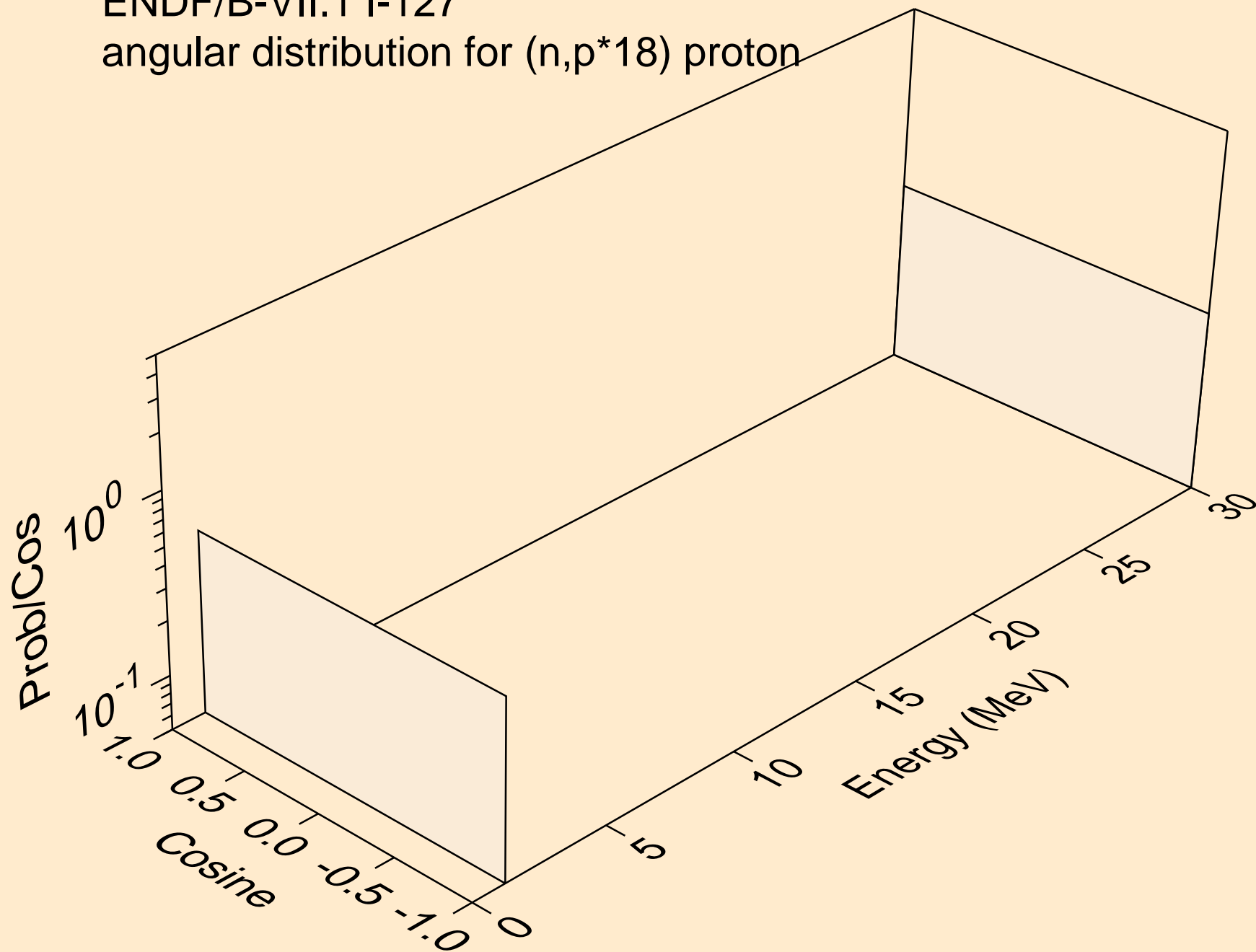
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angular distribution for (n,p\*17) proton



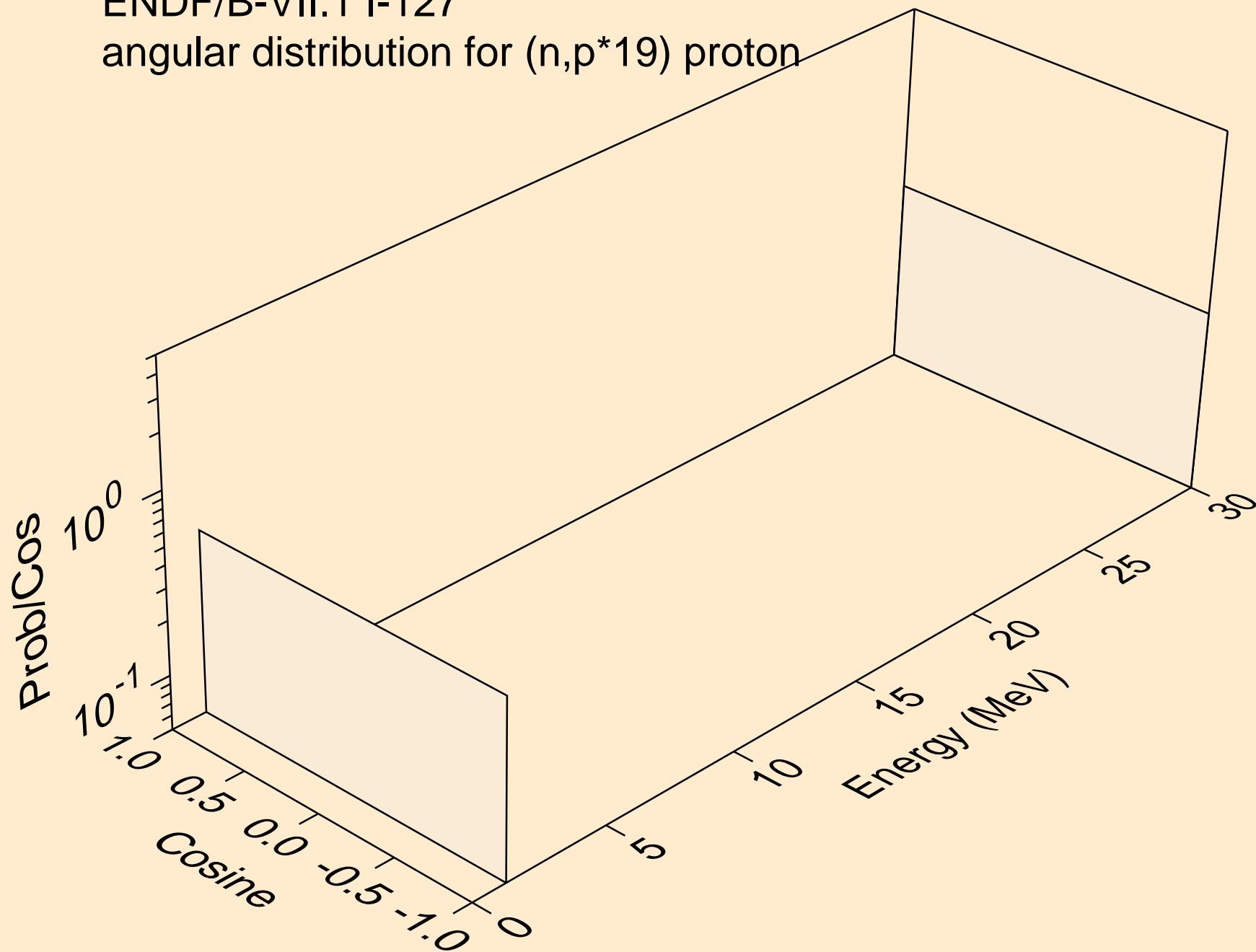
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angular distribution for (n,p\*18) proton



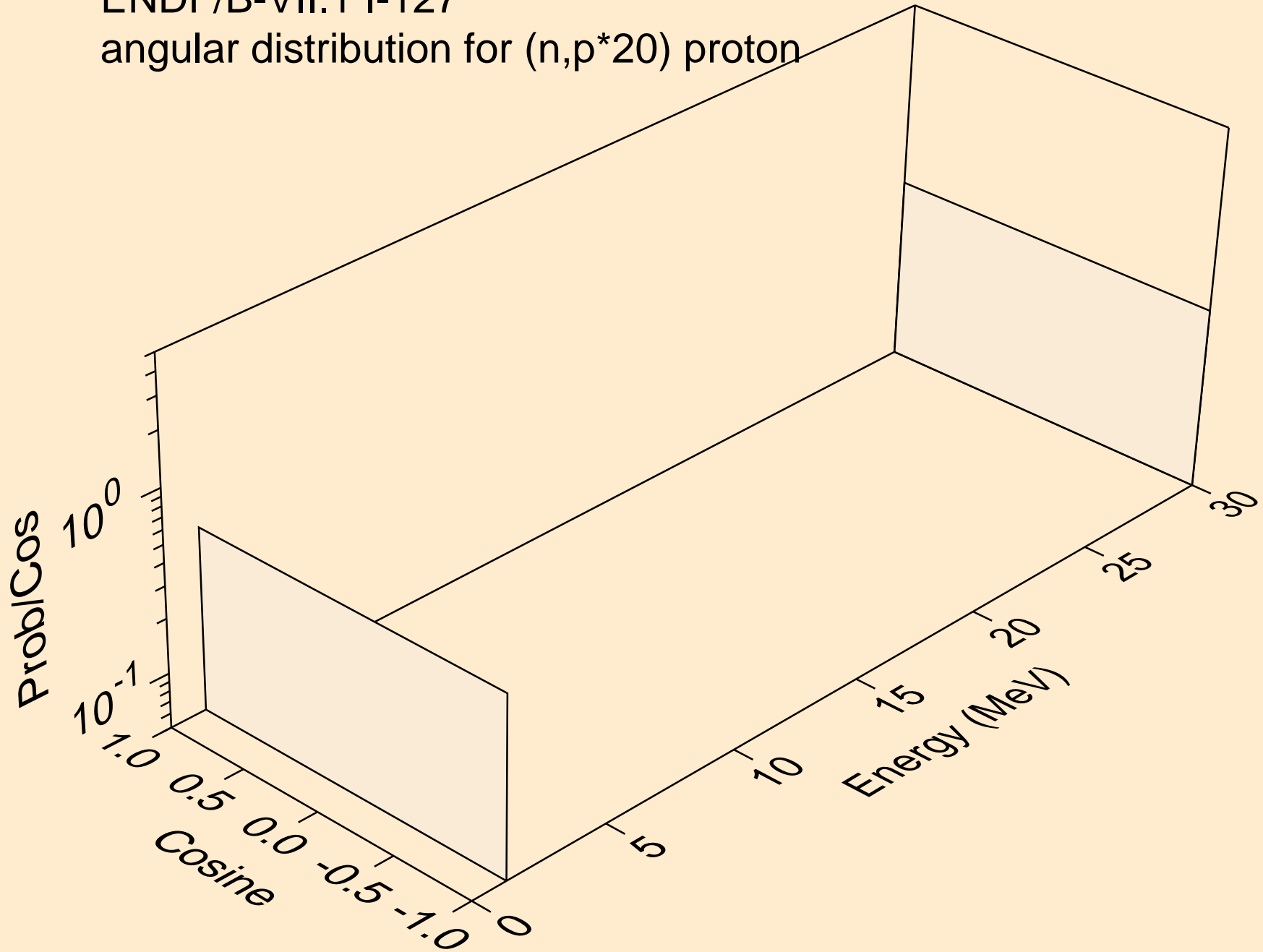
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angular distribution for (n,p\*19) proton



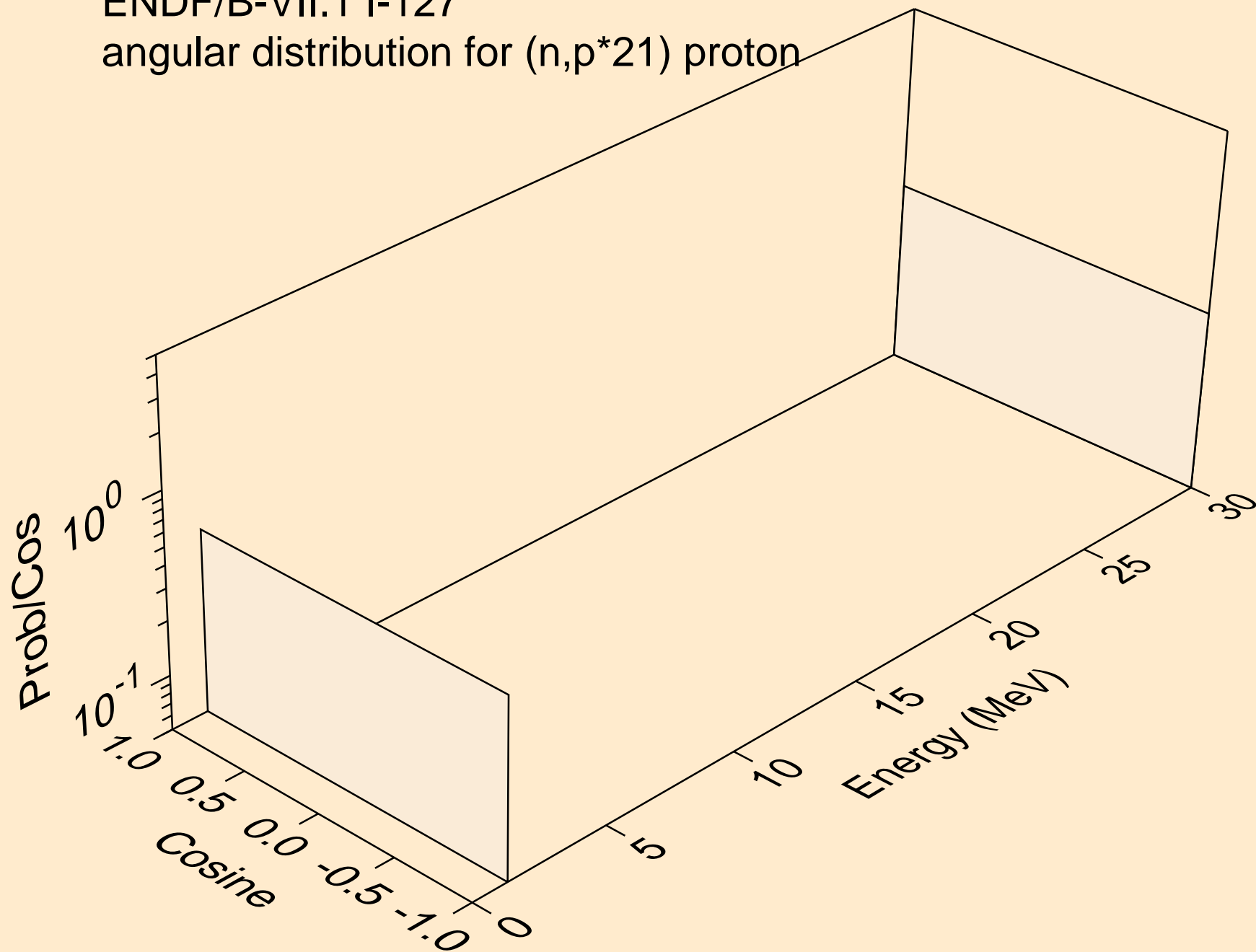
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angular distribution for (n,p\*20) proton



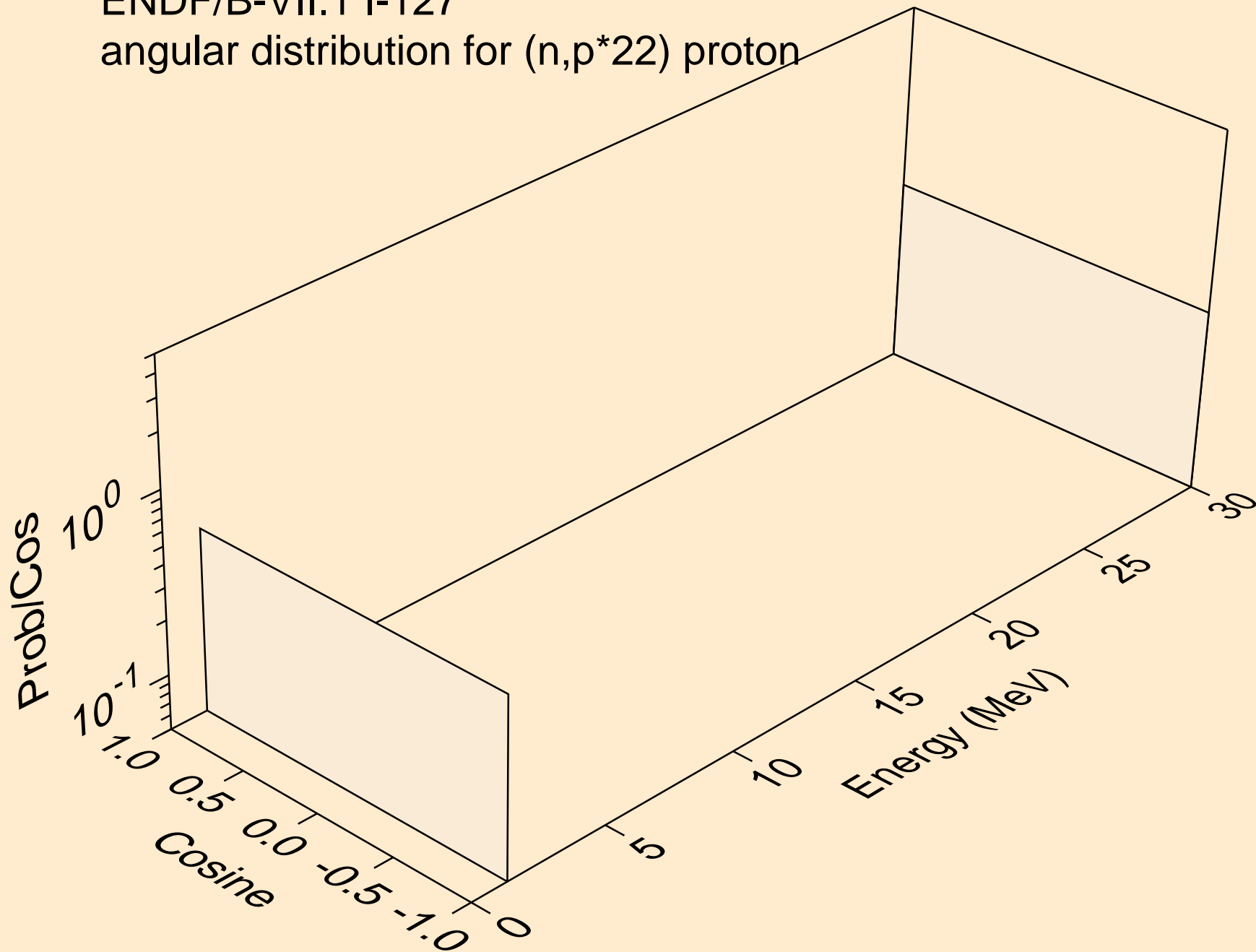
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angular distribution for (n,p\*21) proton



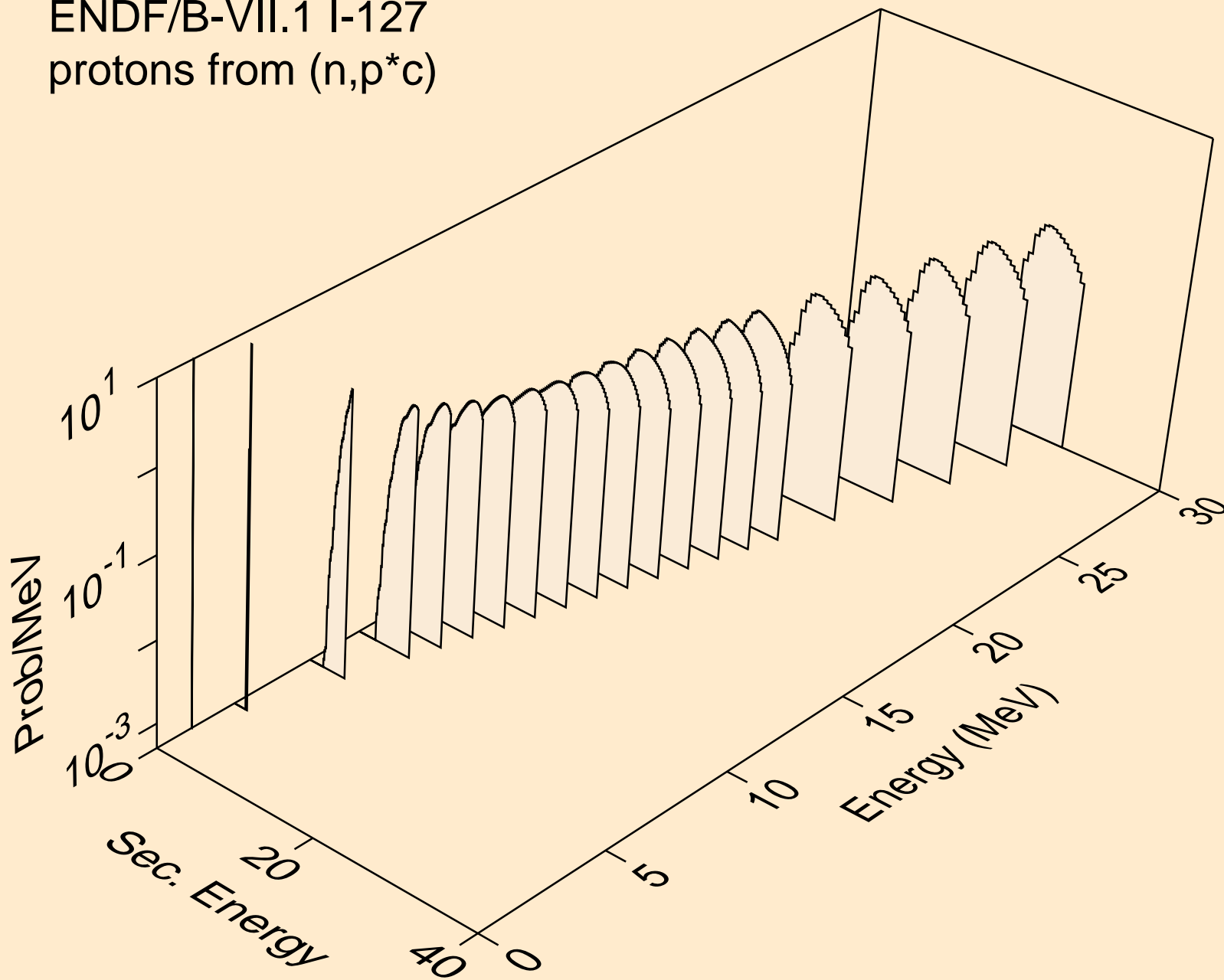
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angular distribution for (n,p\*22) proton

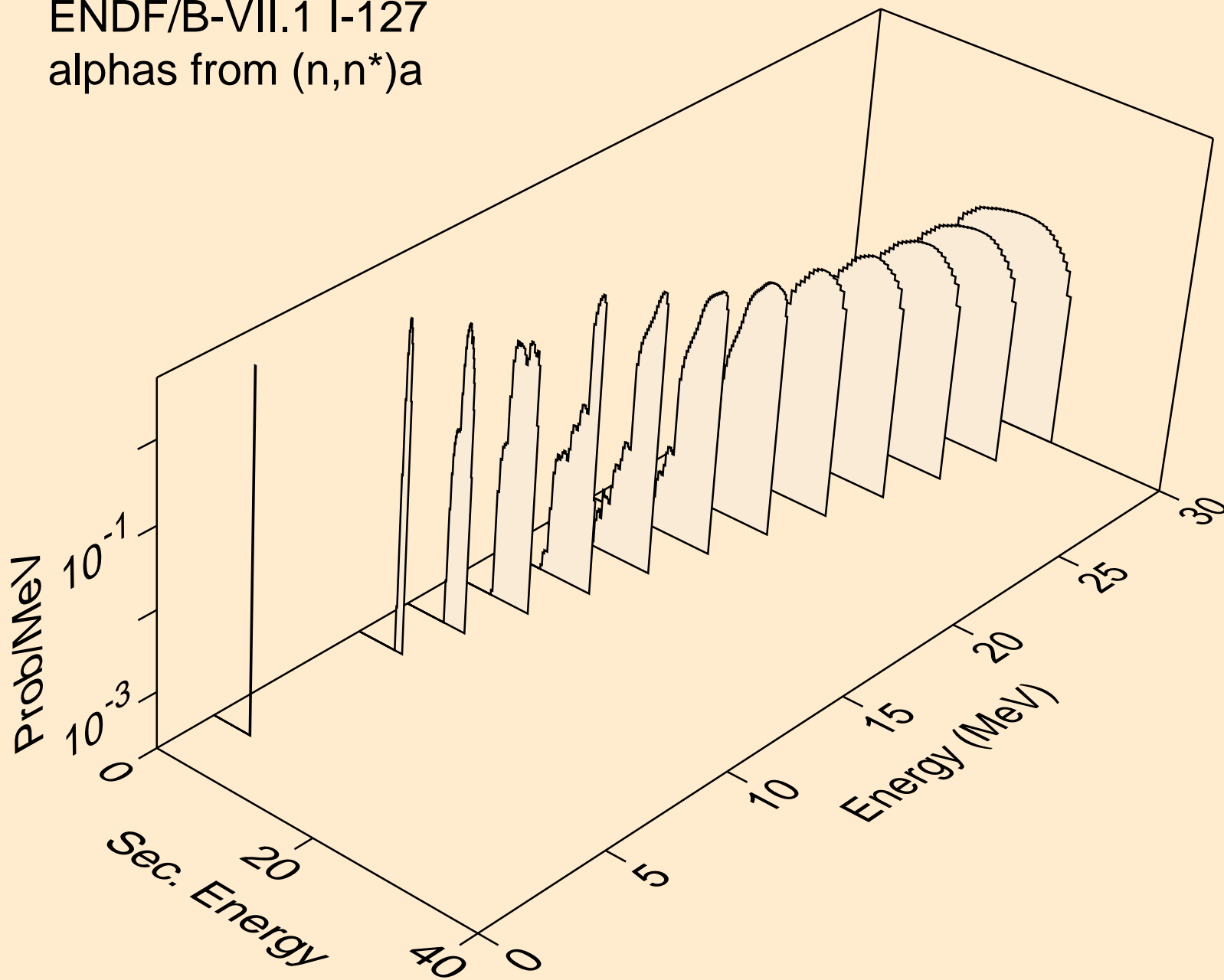




ENDF/B-VII.1 I-127  
protons from (n,p\*c)

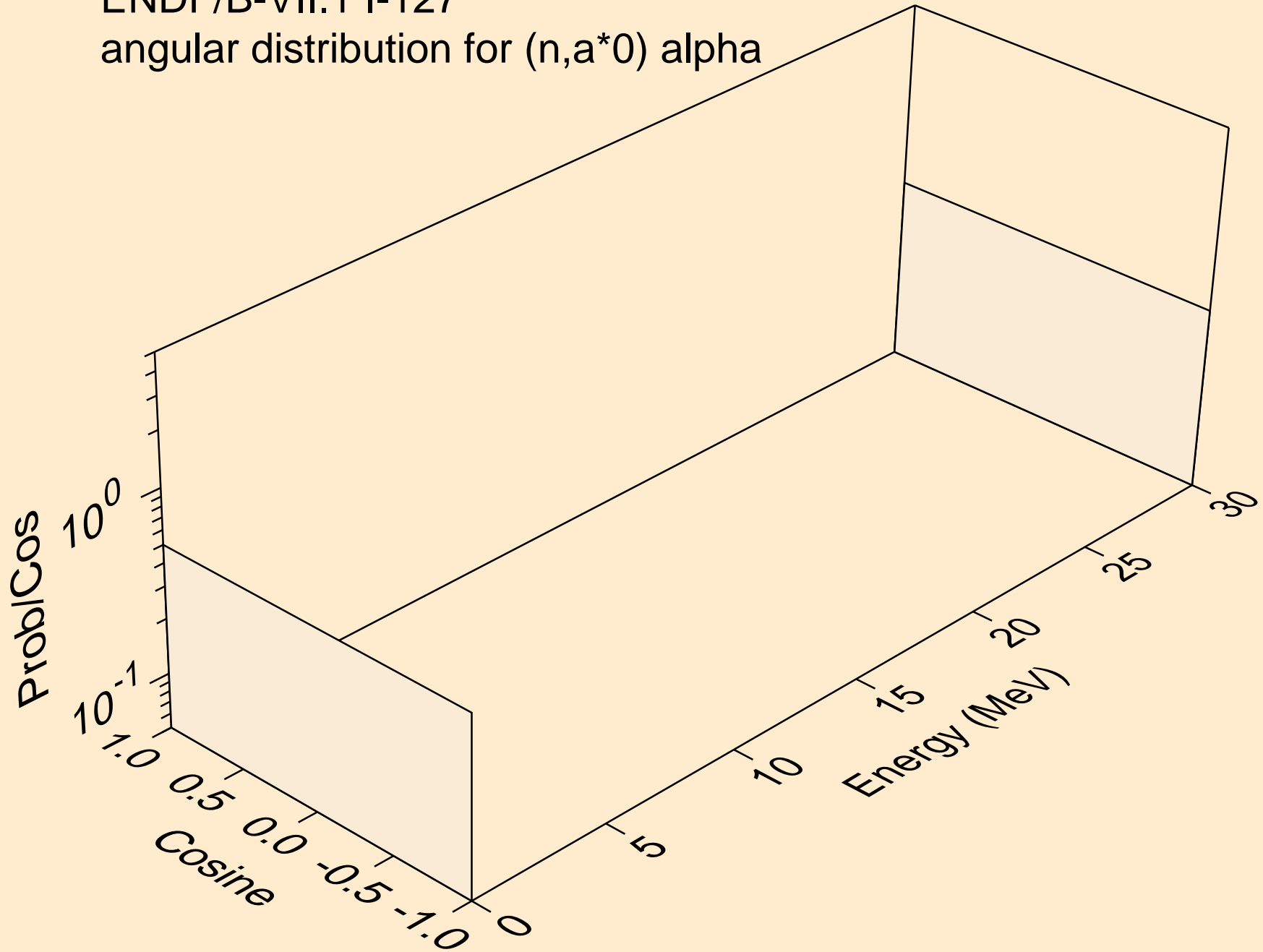


ENDF/B-VII.1 I-127  
alphas from (n,n\*)a



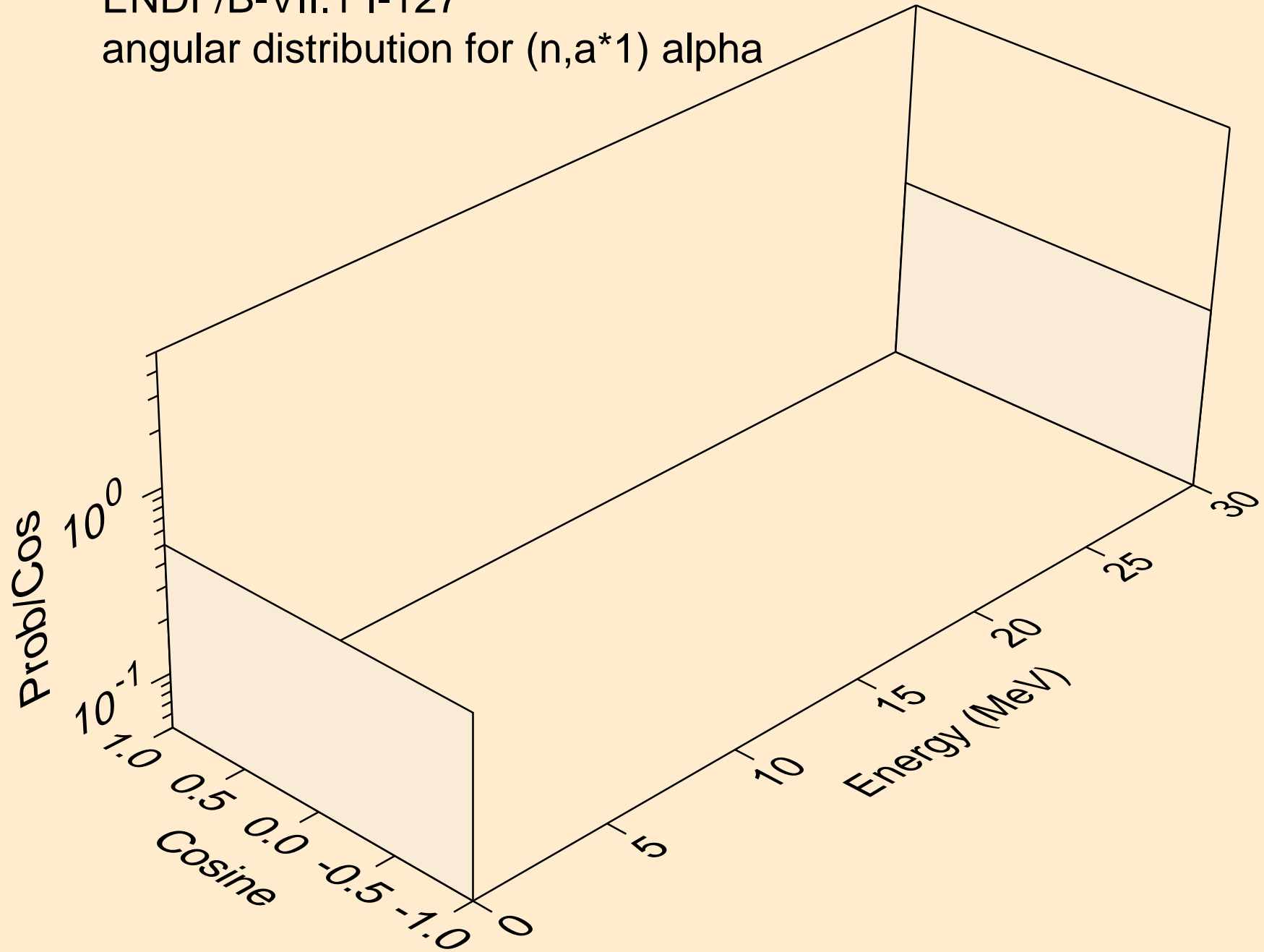
ENDF/B-VII.1 I-127

angular distribution for (n, $\alpha^0$ ) alpha



ENDF/B-VII.1 I-127

angular distribution for (n,a\*1) alpha



ENDF/B-VII.1 I-127  
alphas from (n,a\*c)

