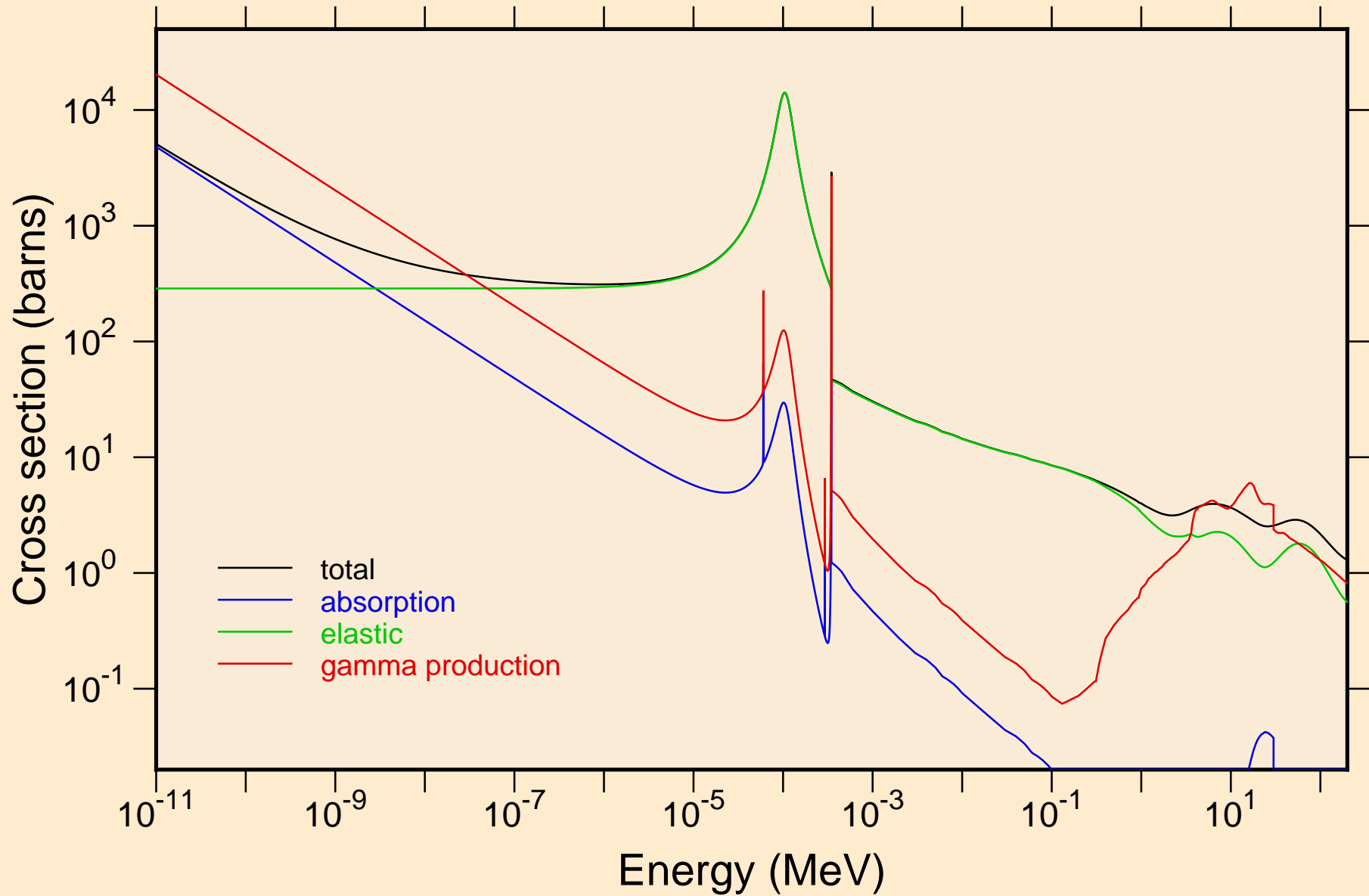


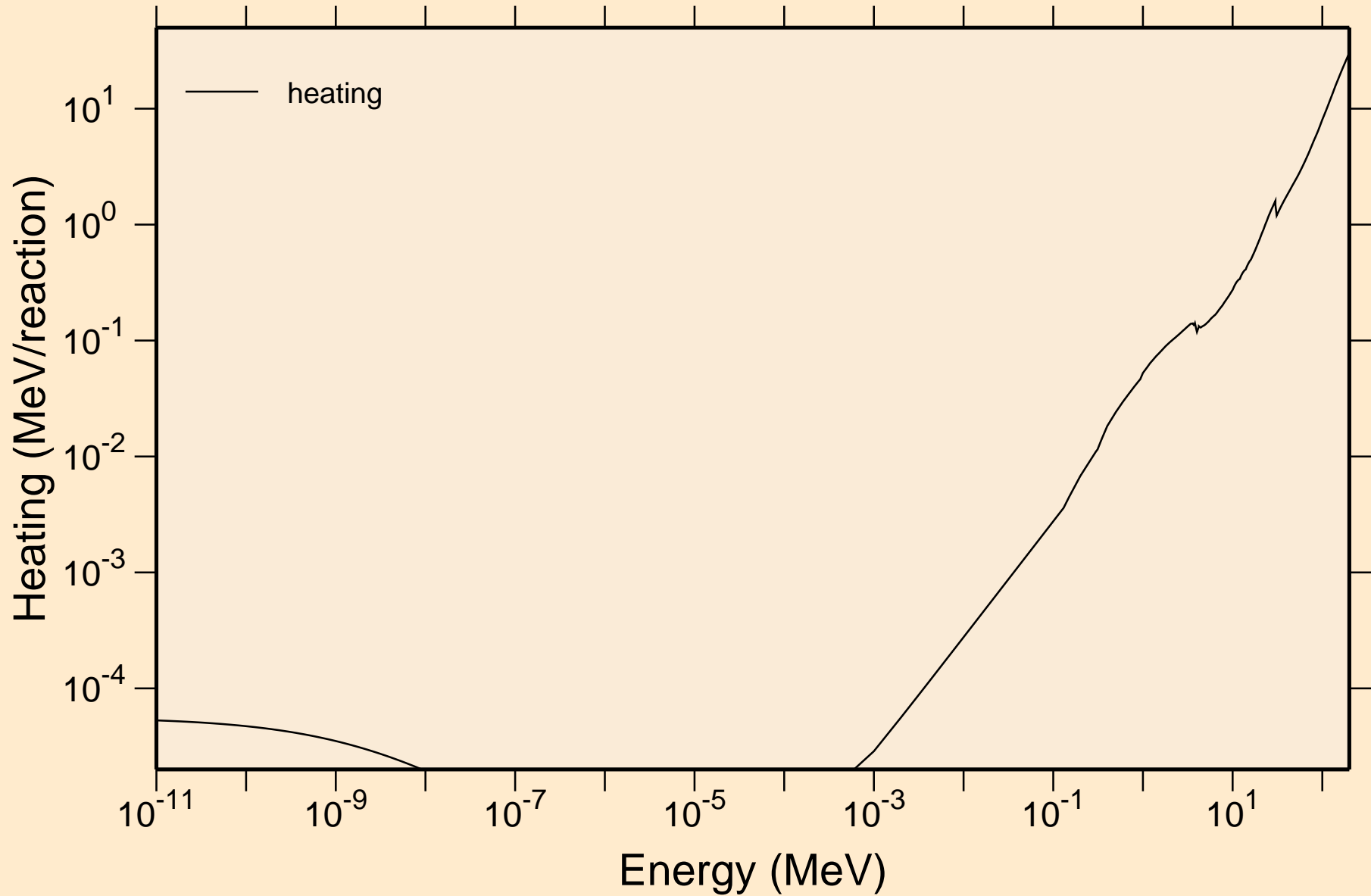
# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



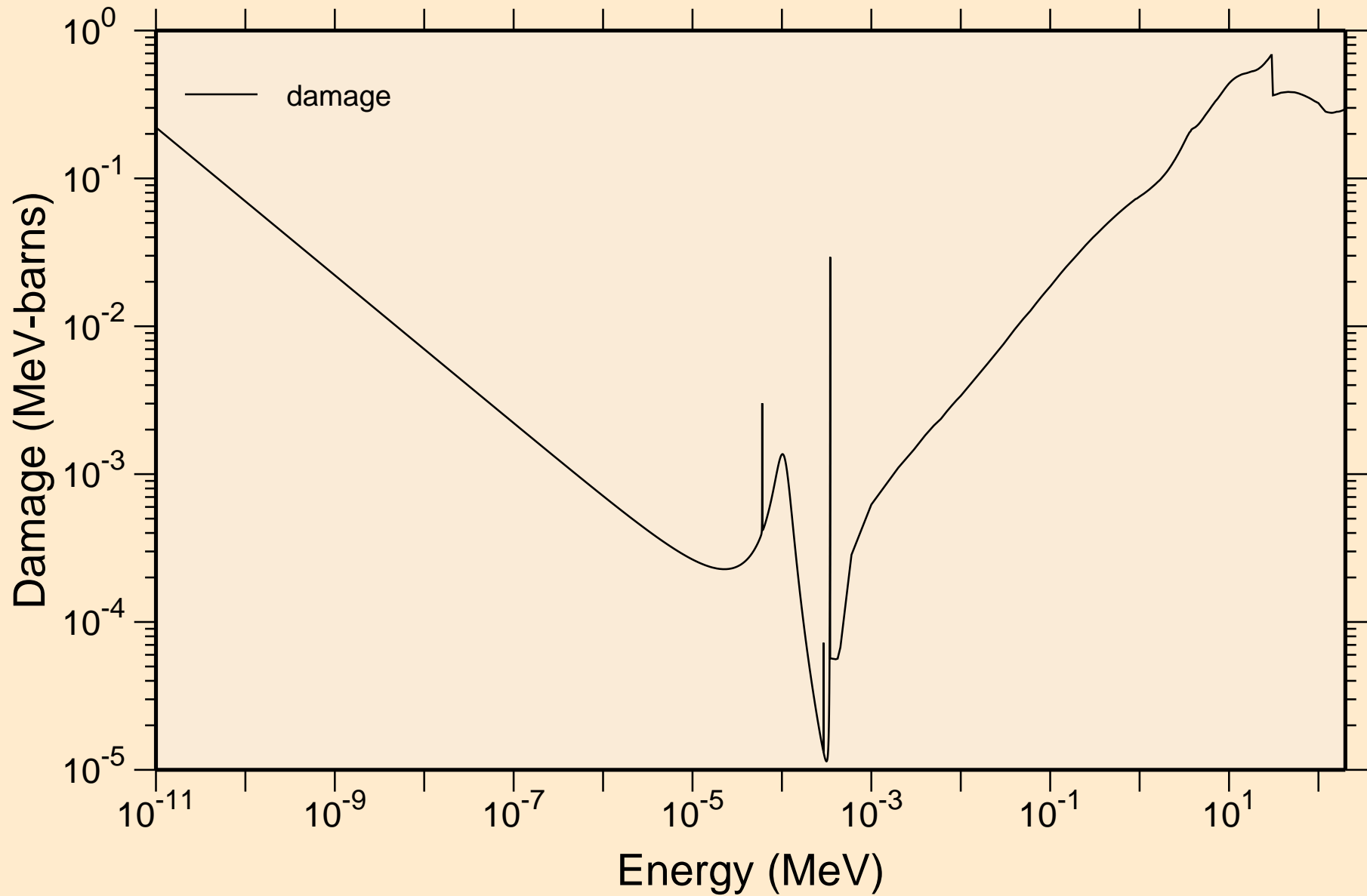
# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

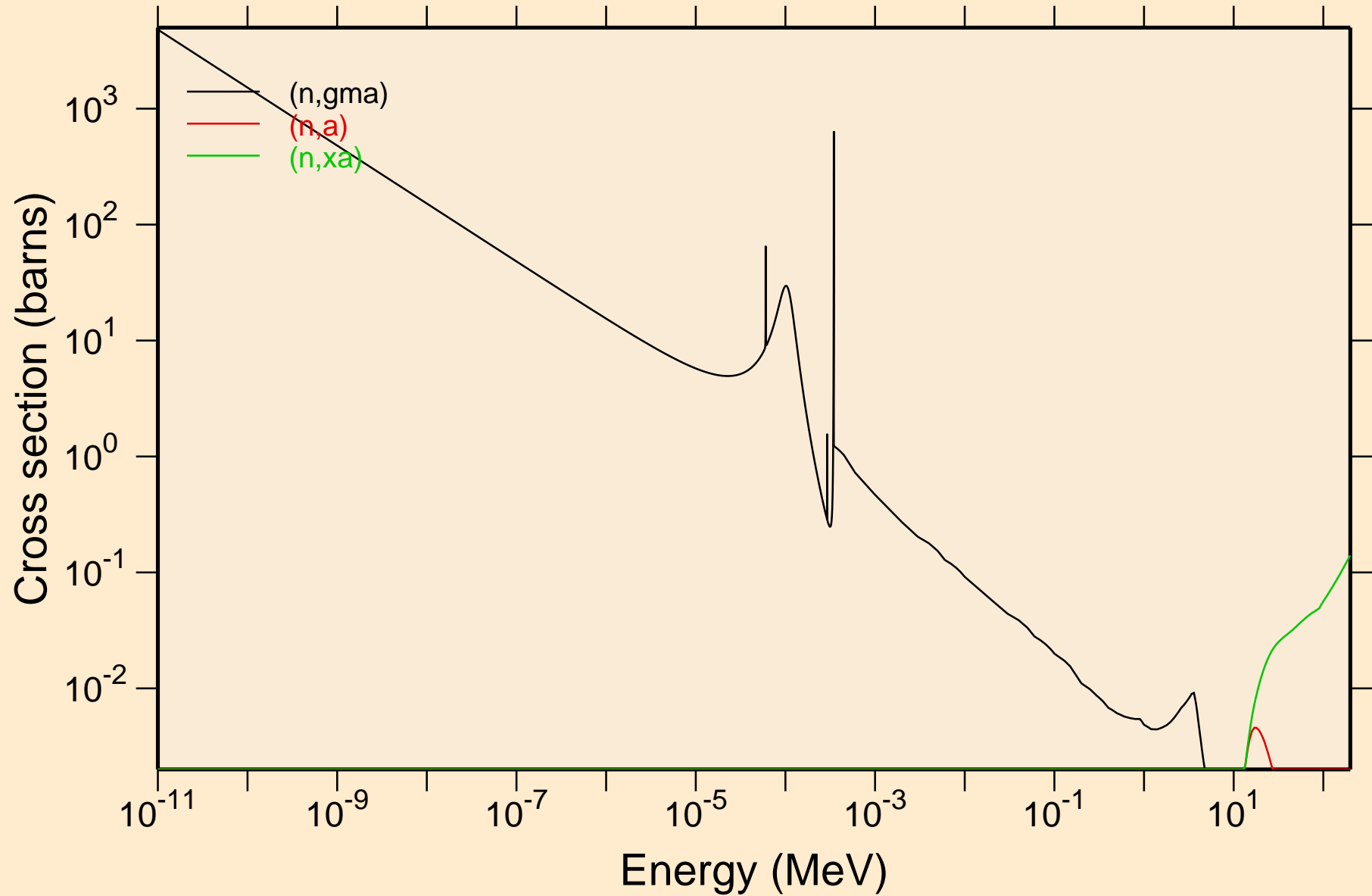


# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

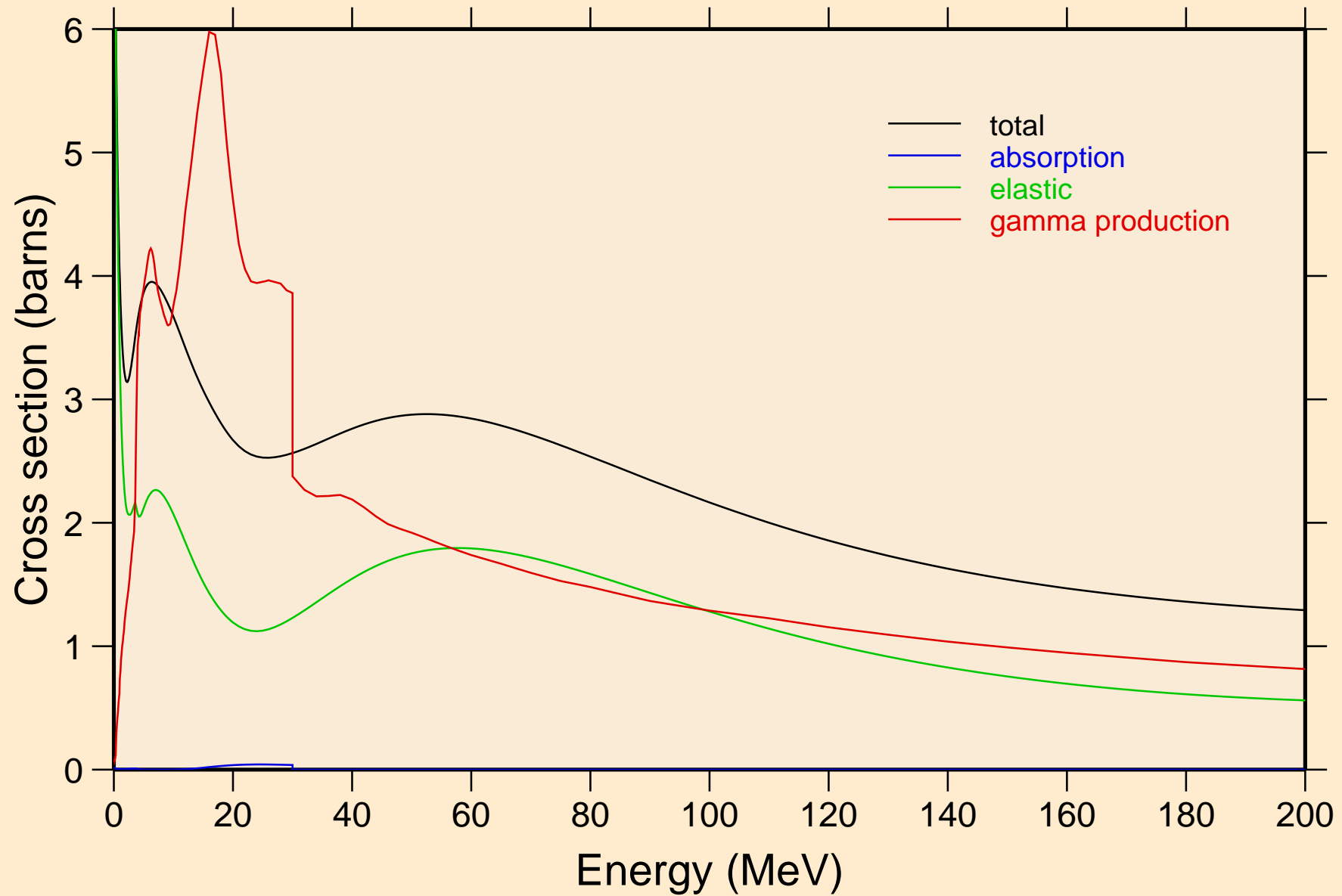


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



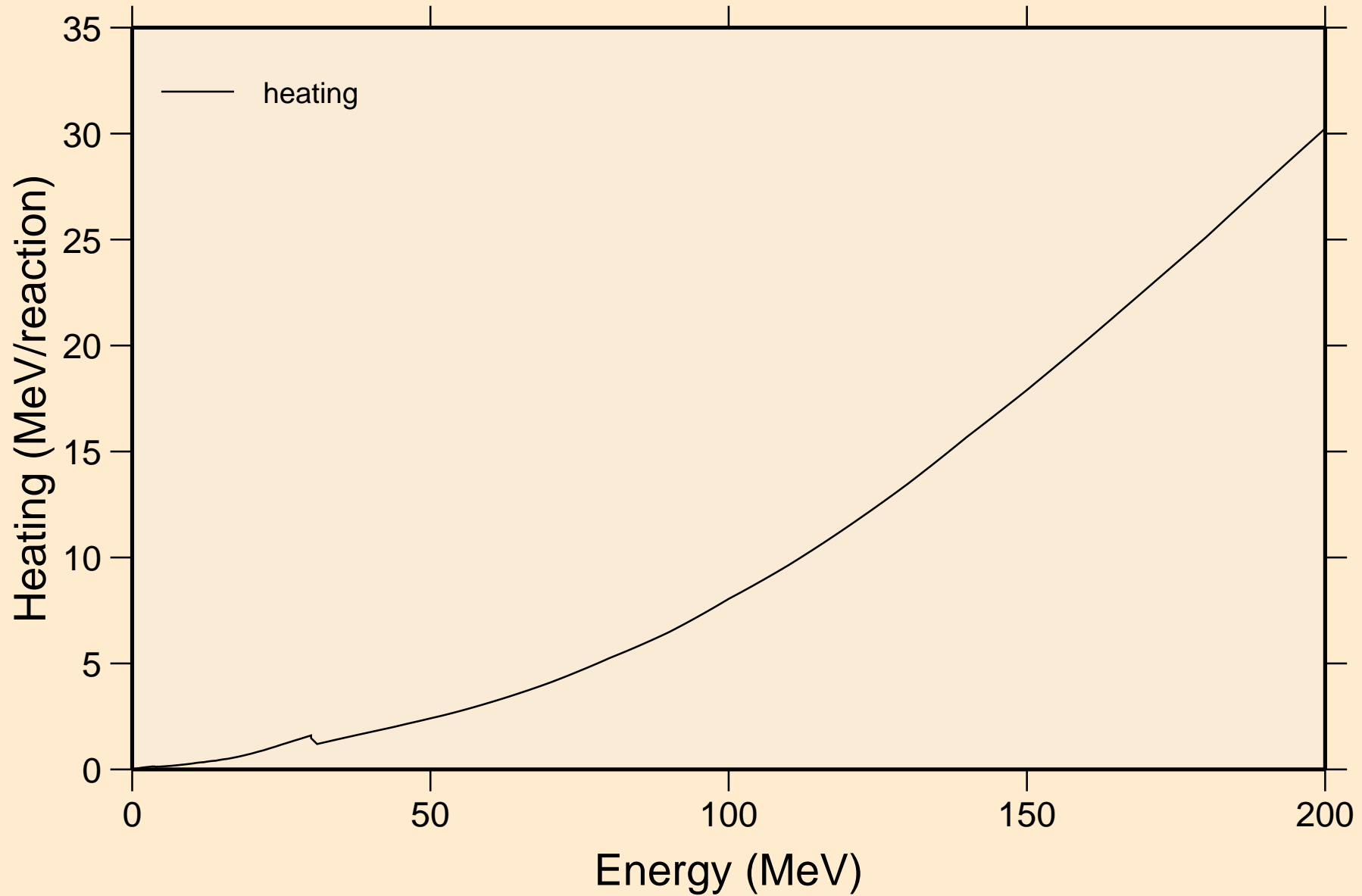
# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



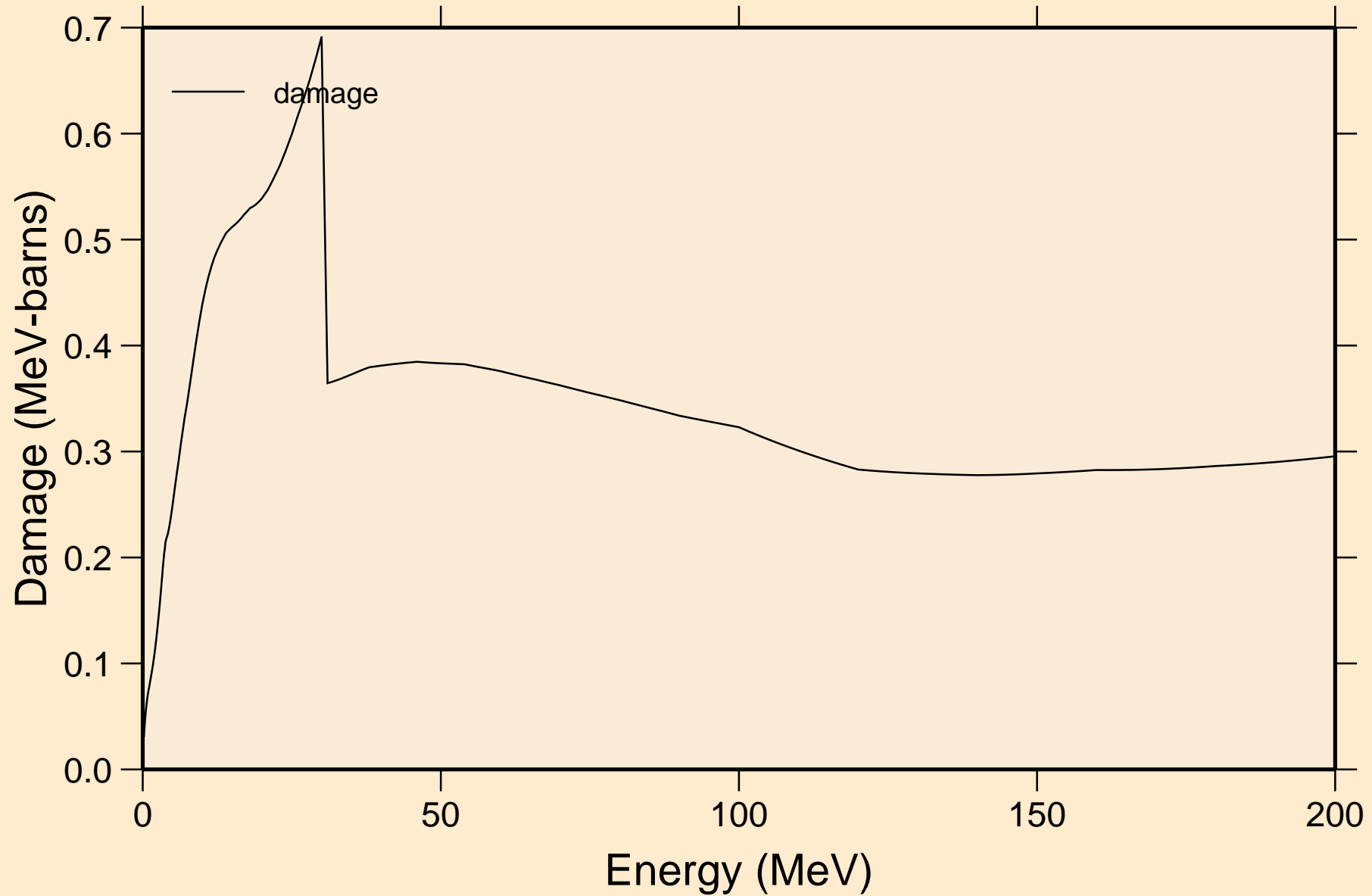
# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

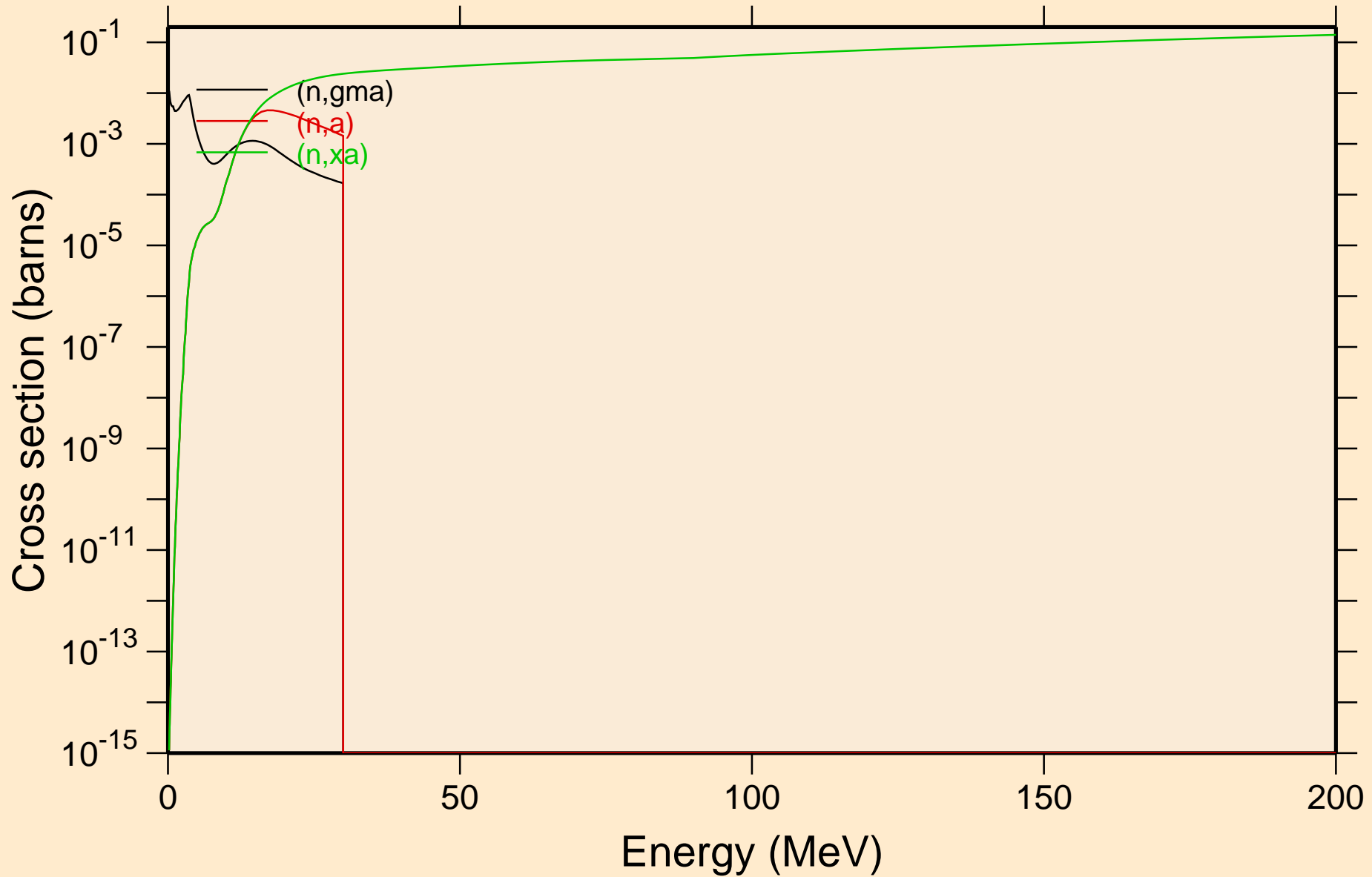


# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

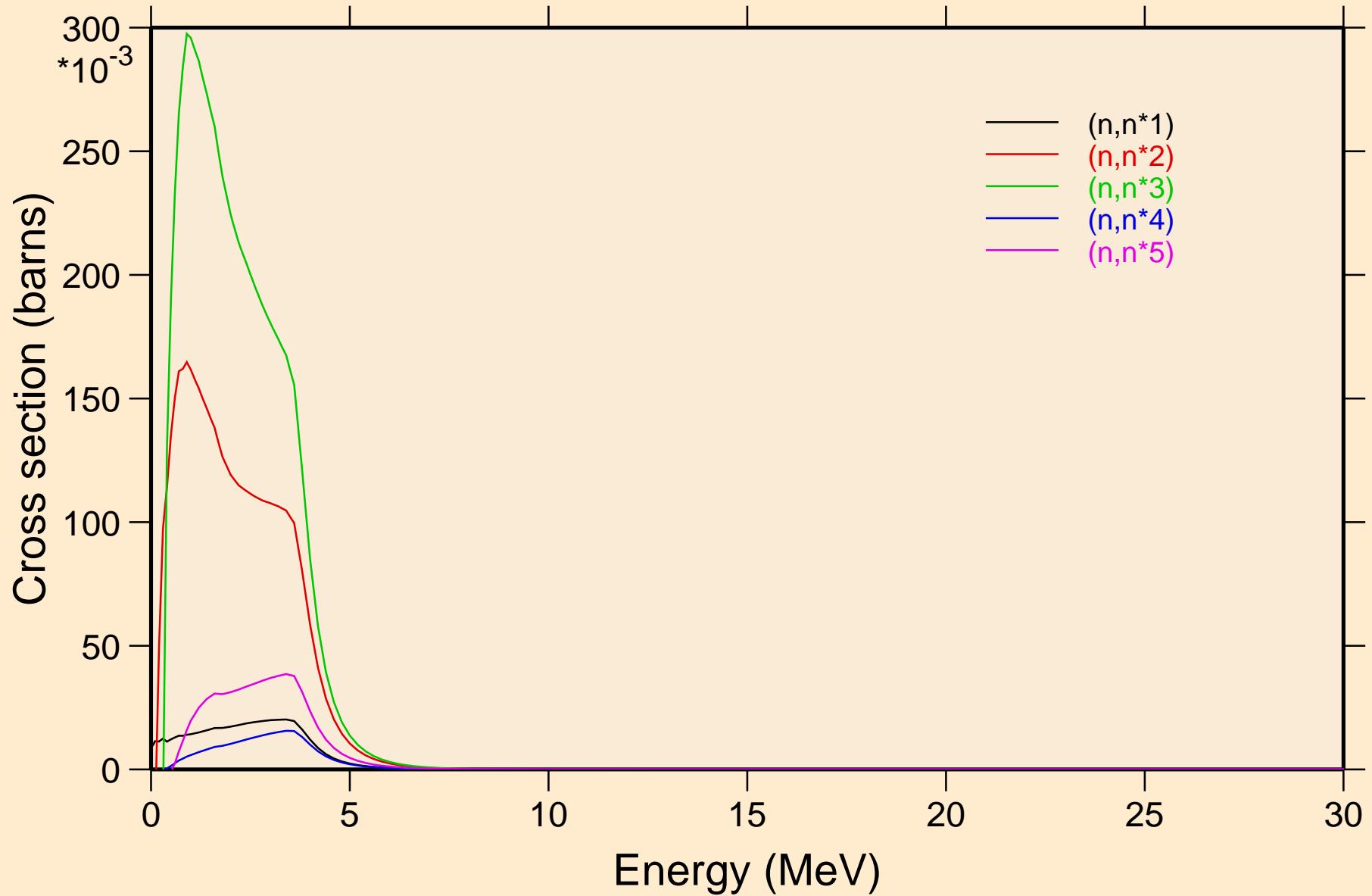


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



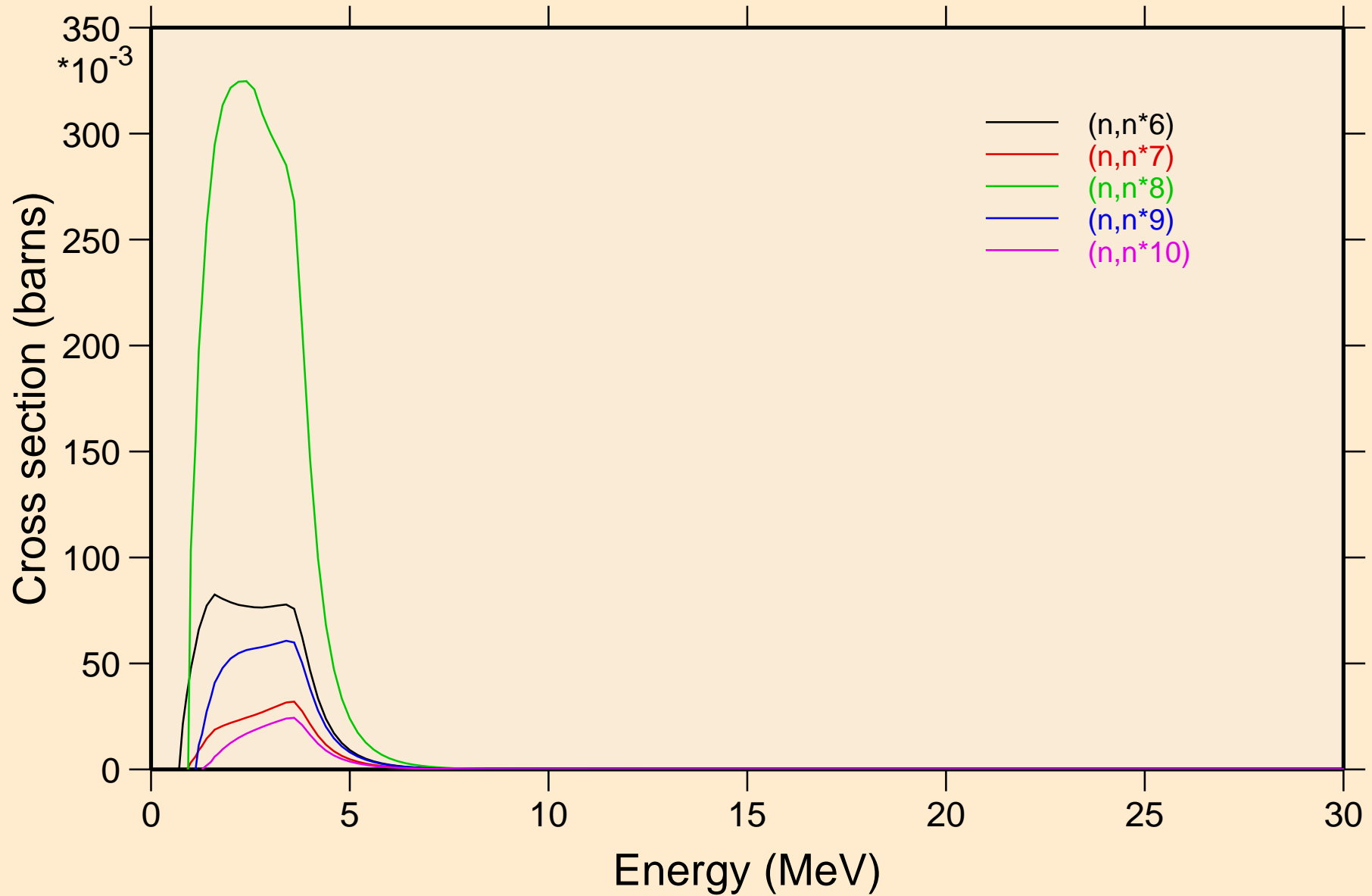


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

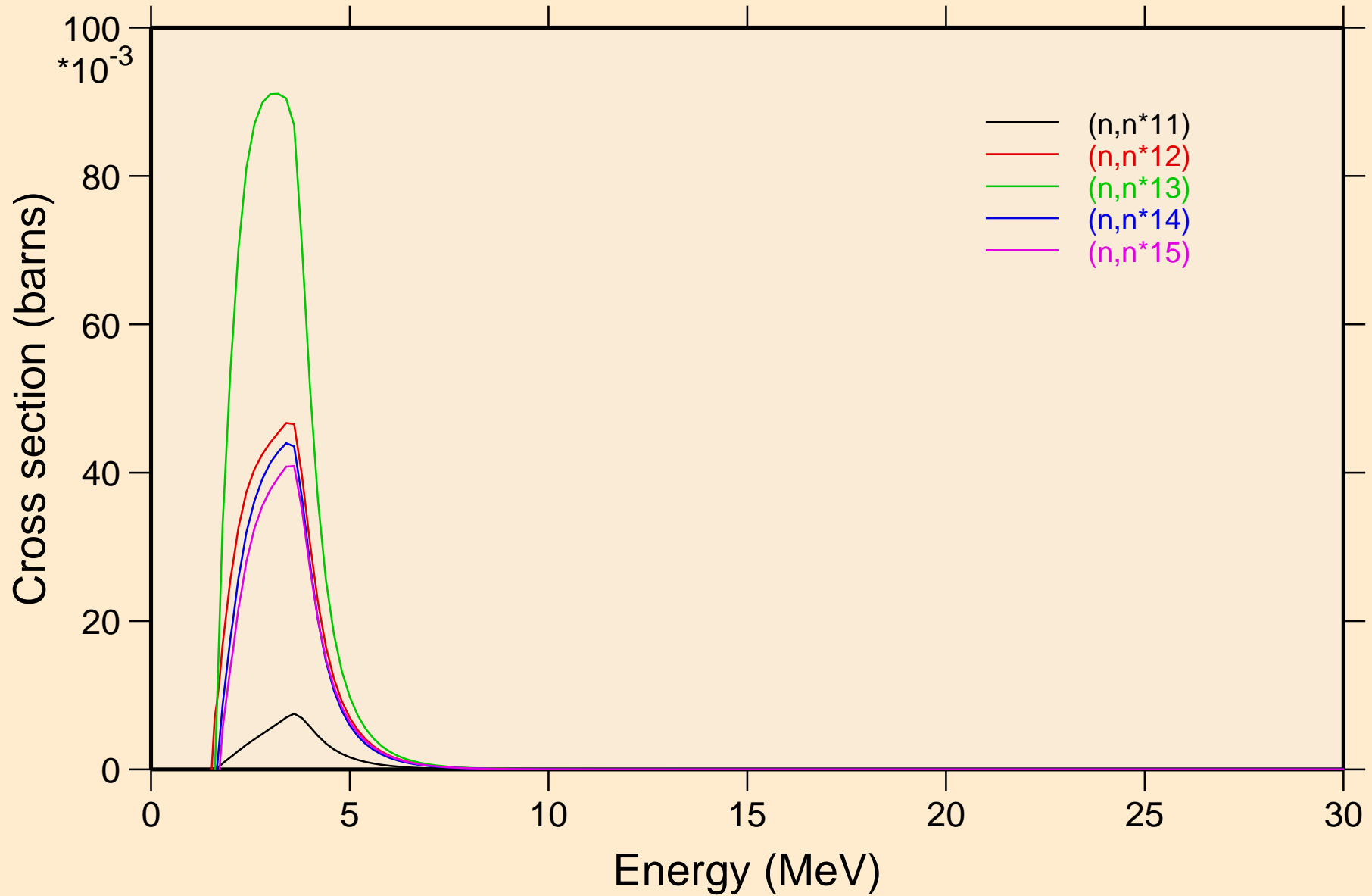


# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

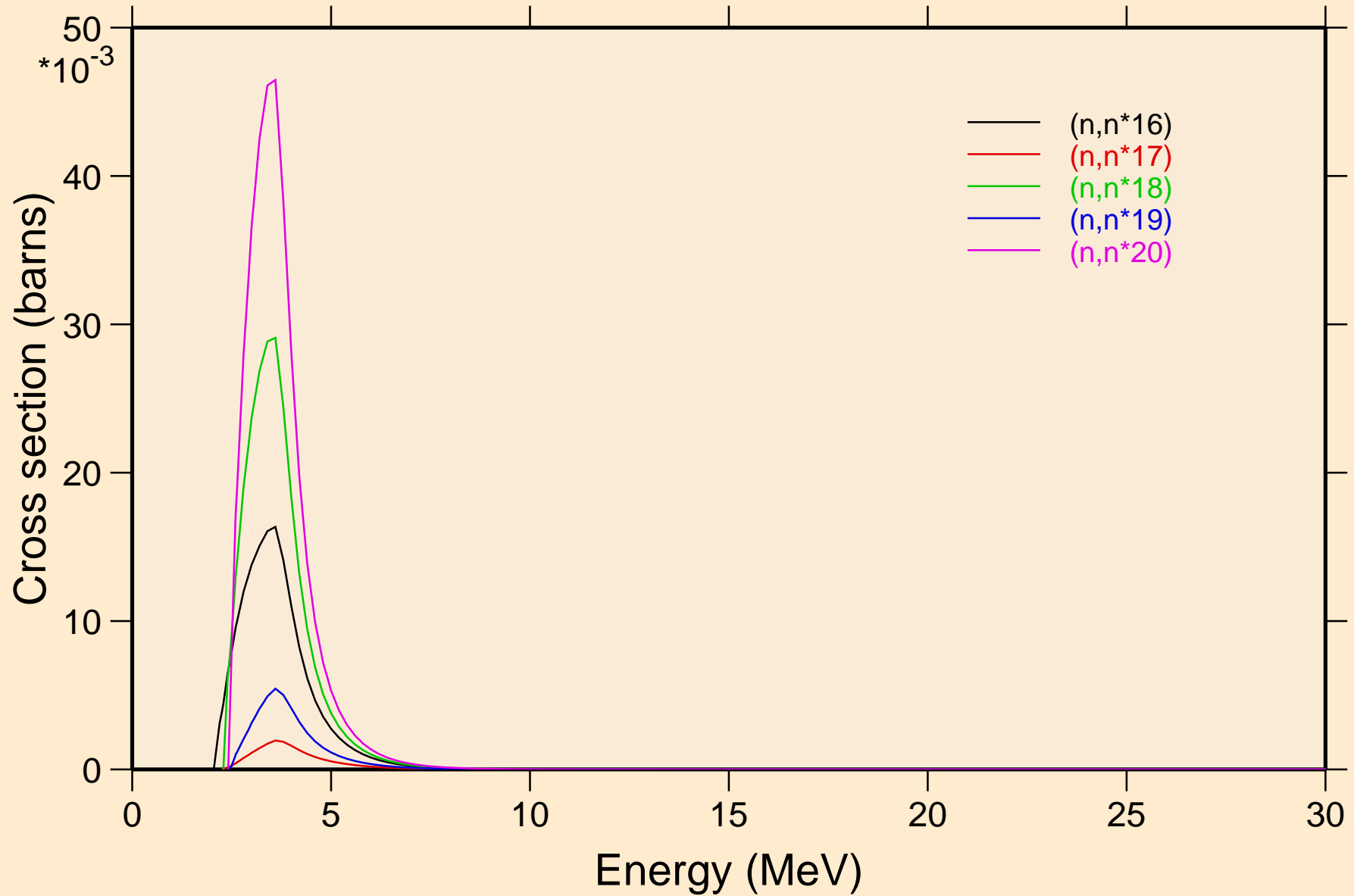
## Inelastic levels



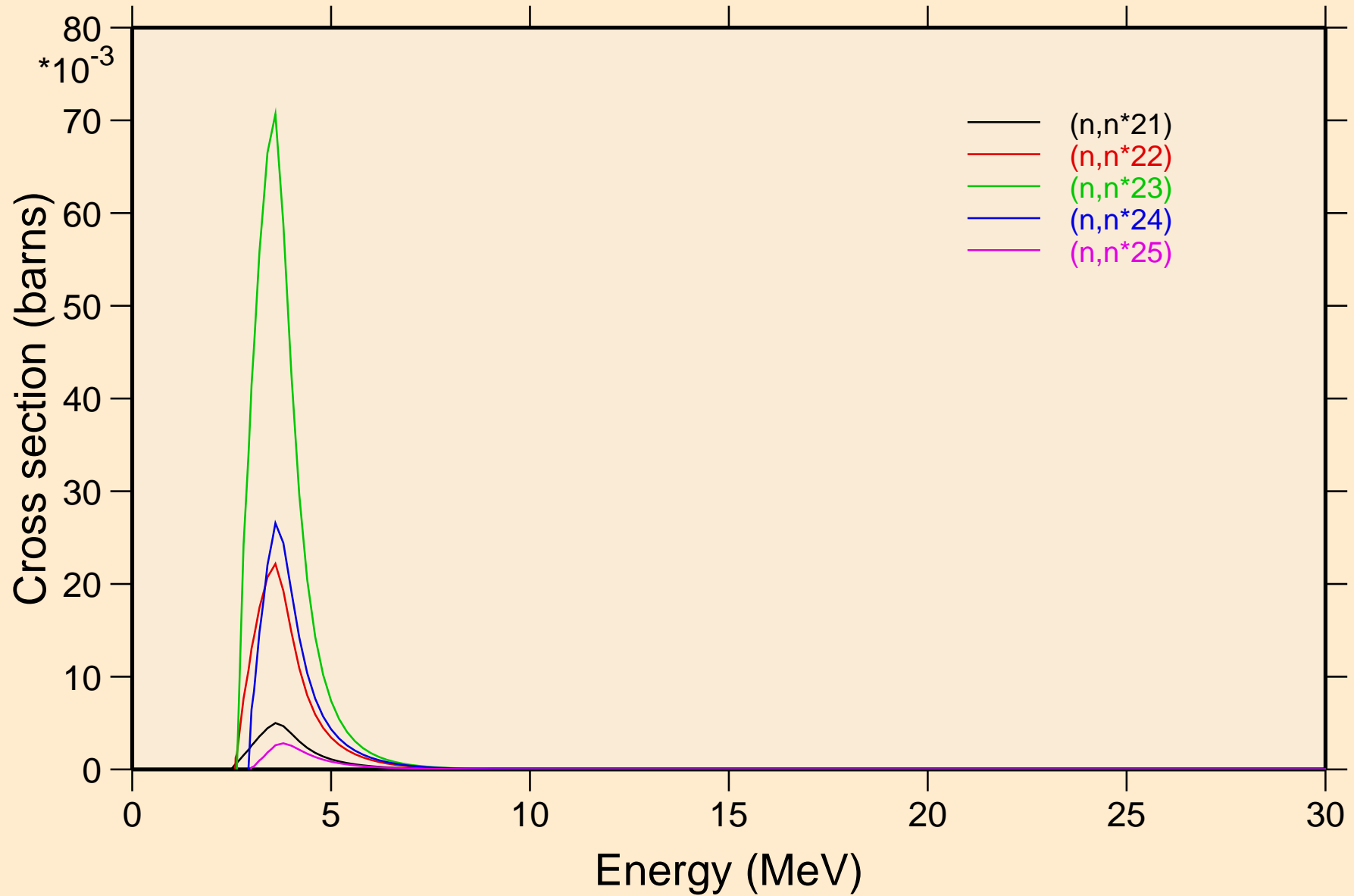
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Inelastic levels



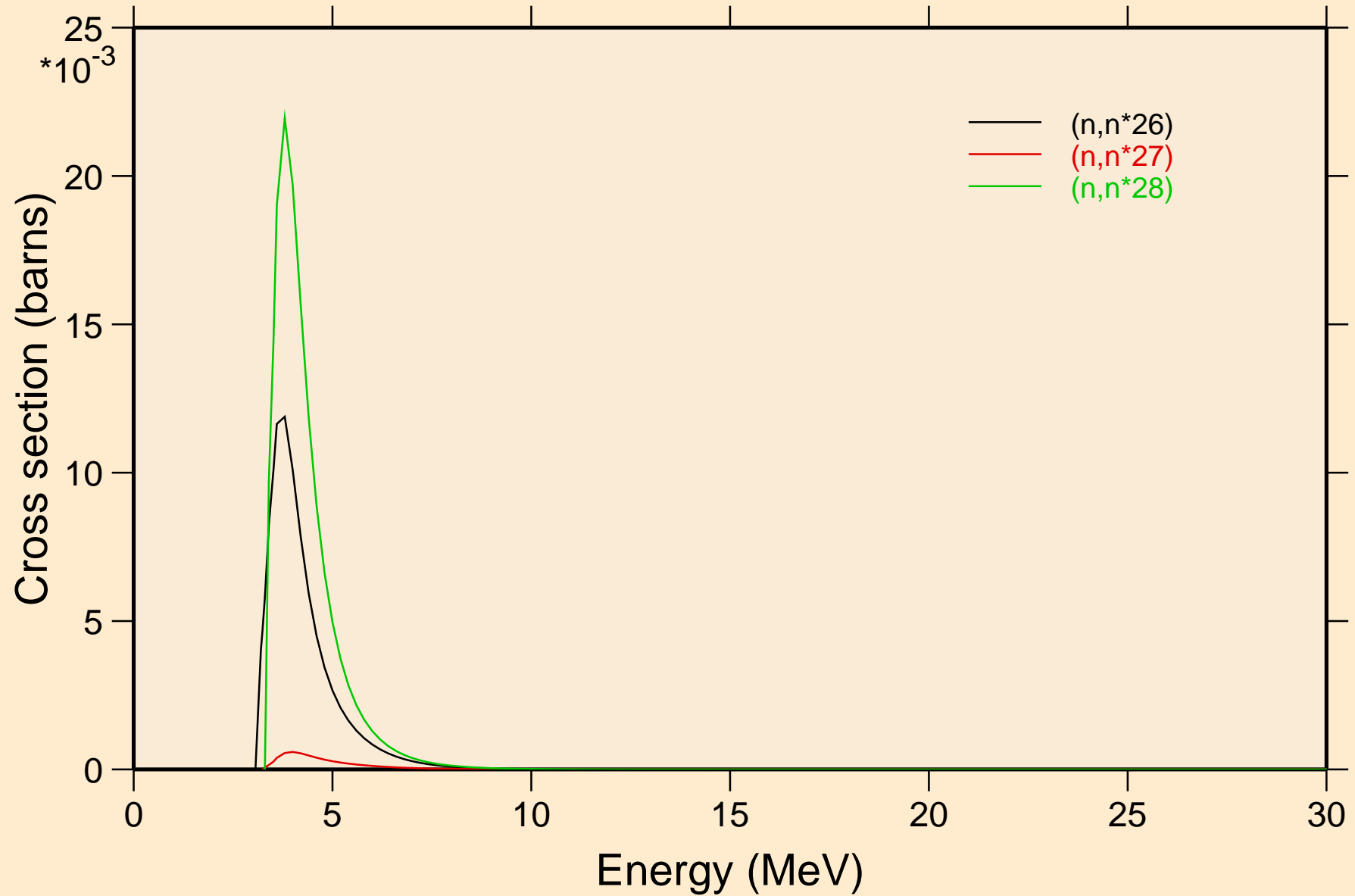
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Inelastic levels



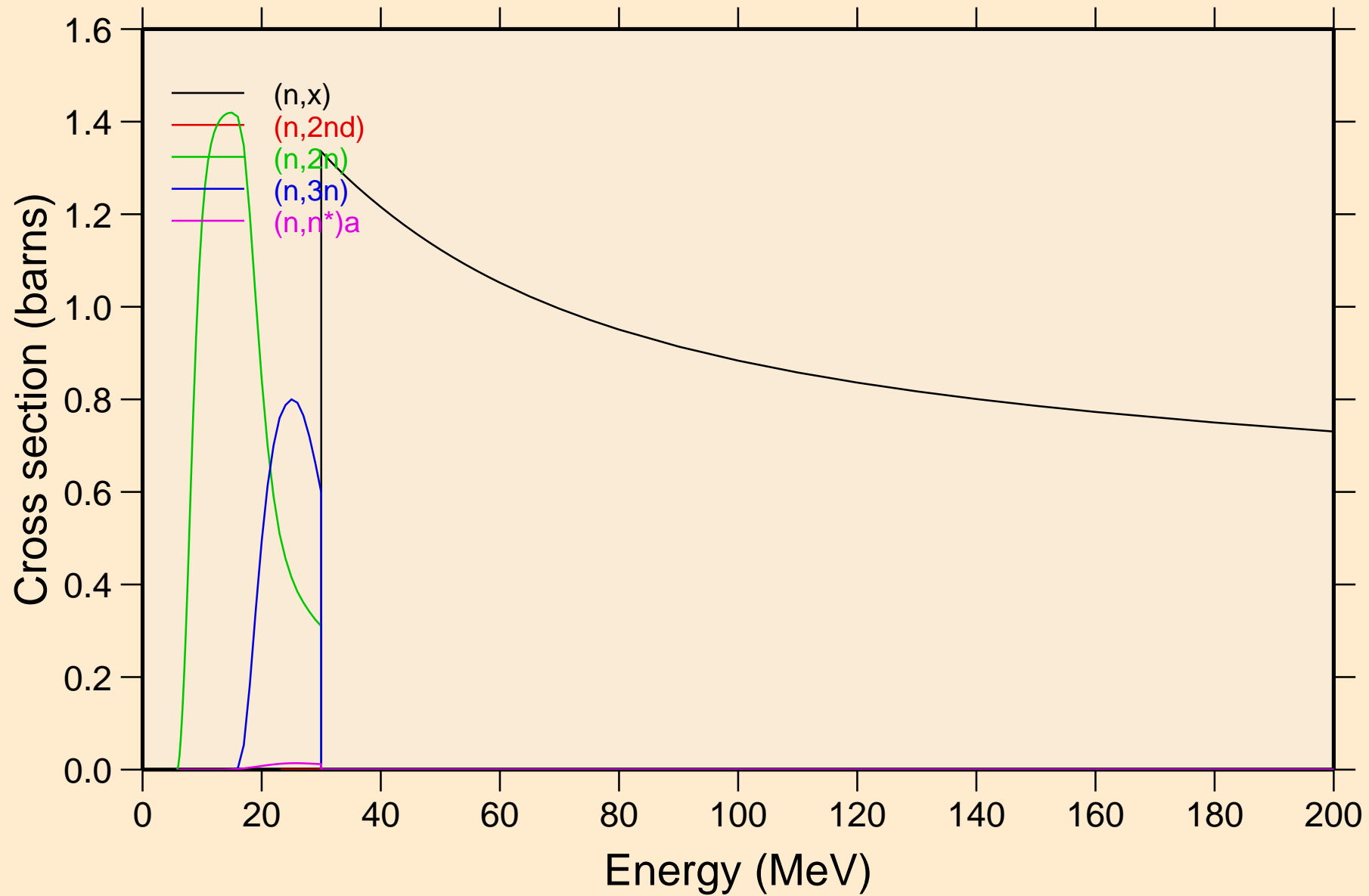
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

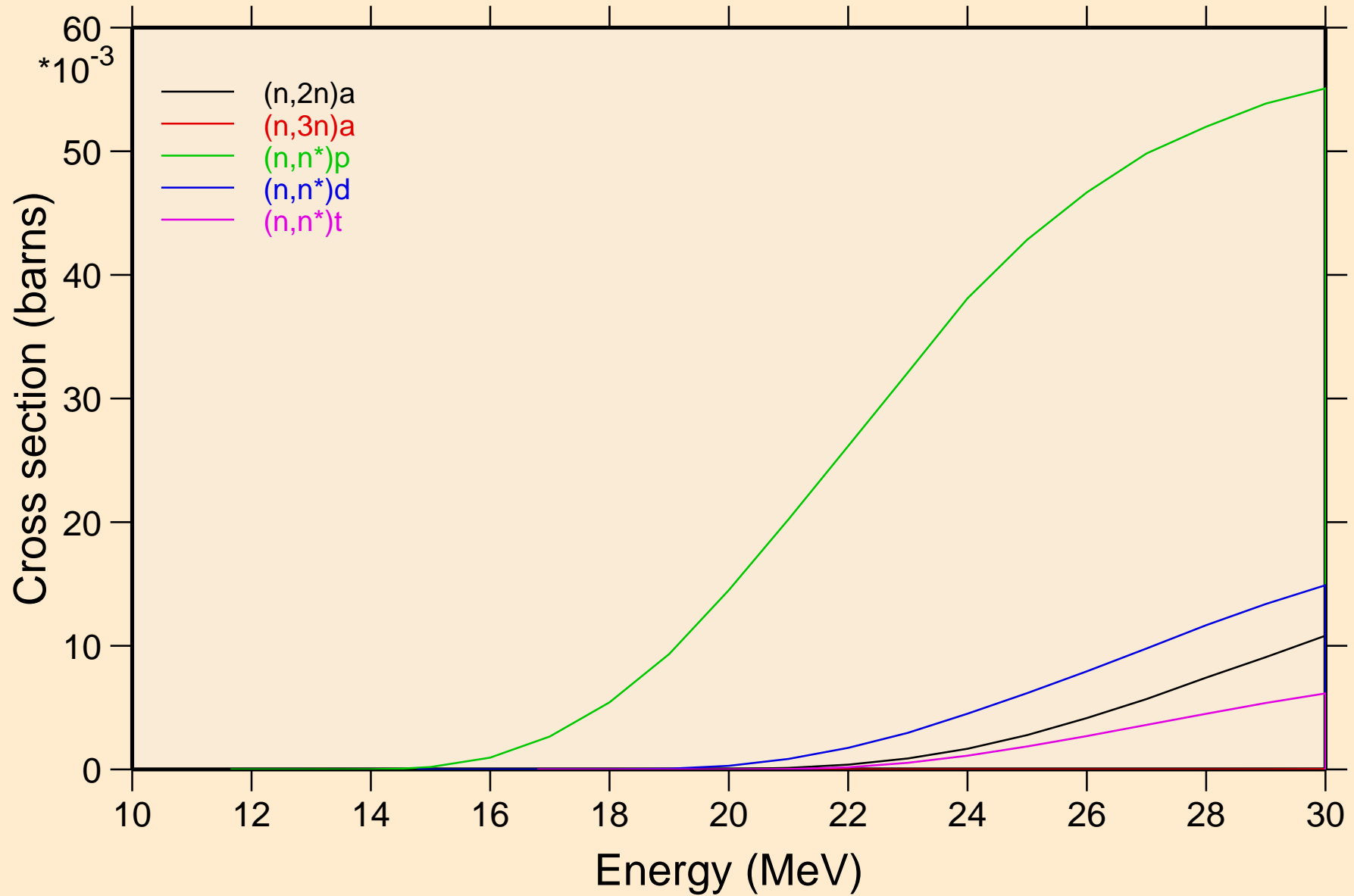


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

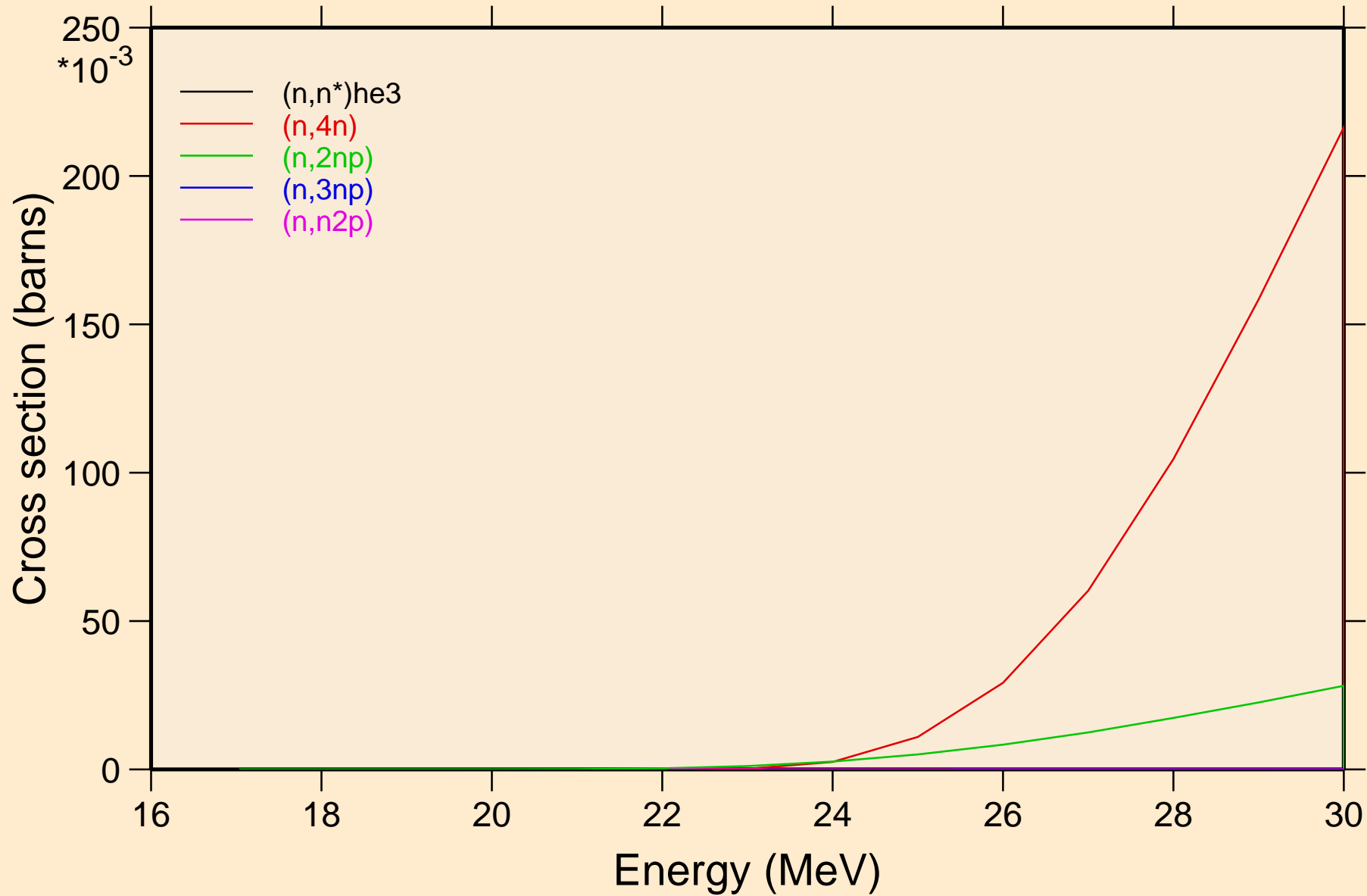
## Threshold reactions



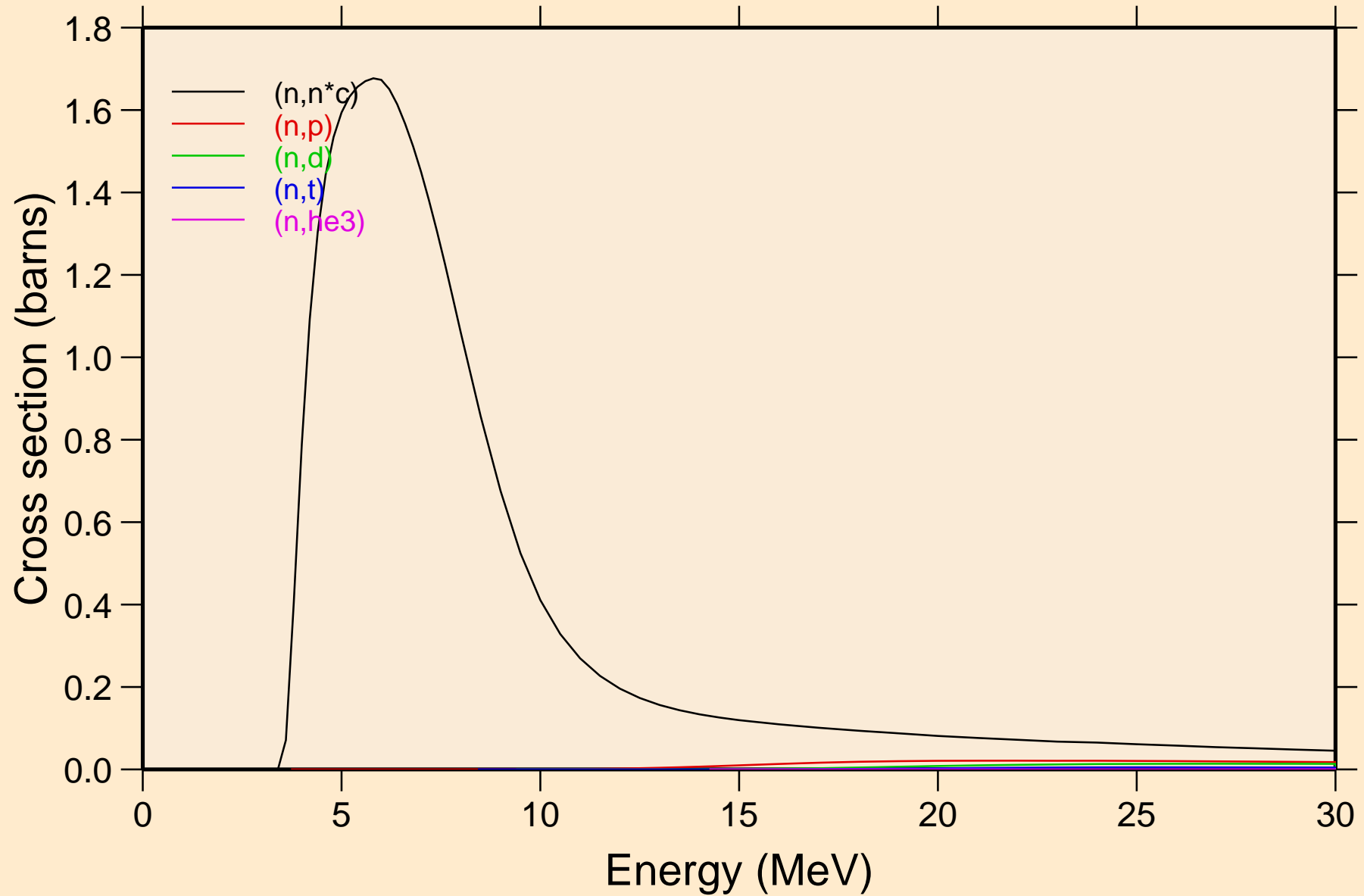


# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

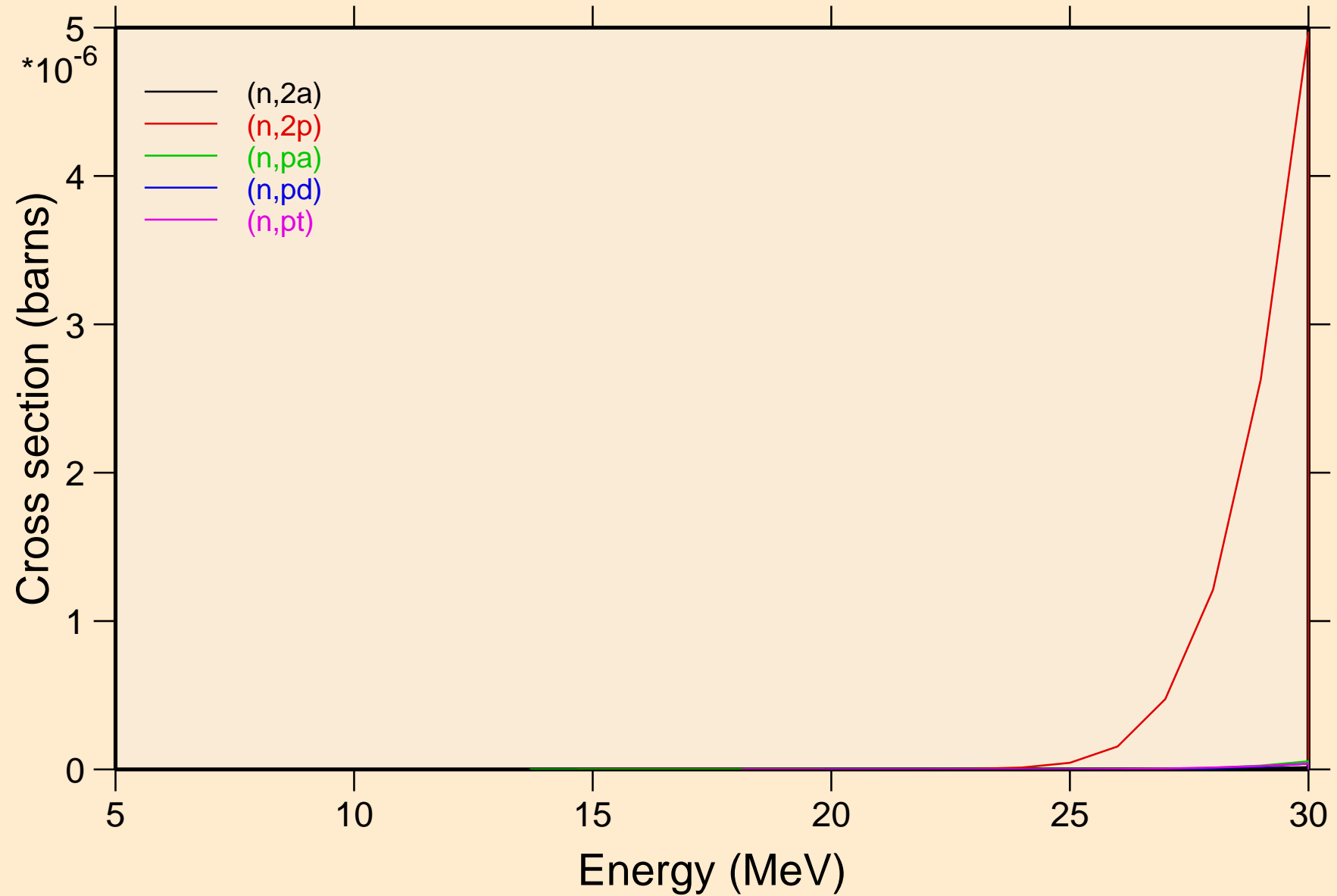


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



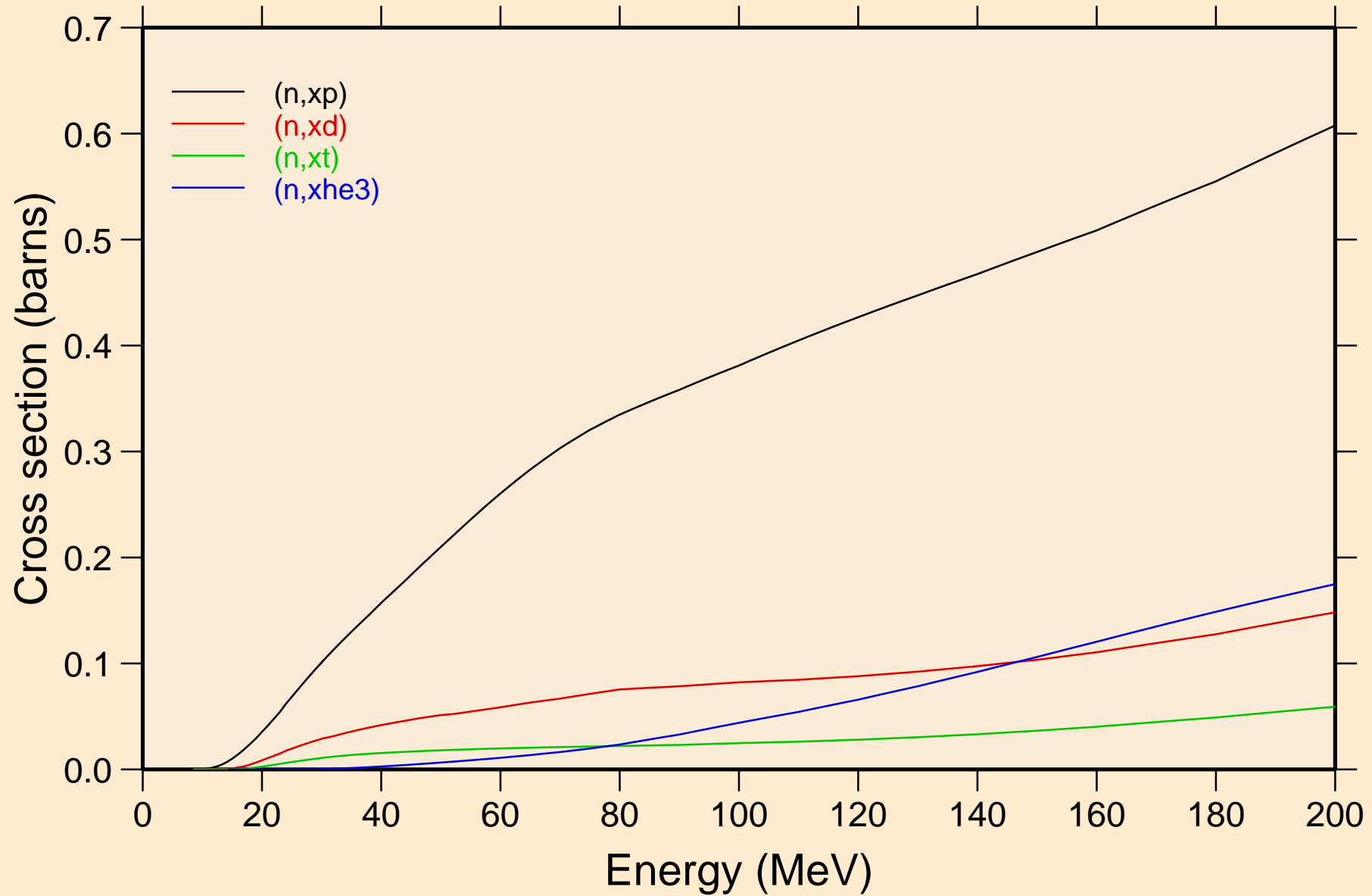
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## Threshold reactions

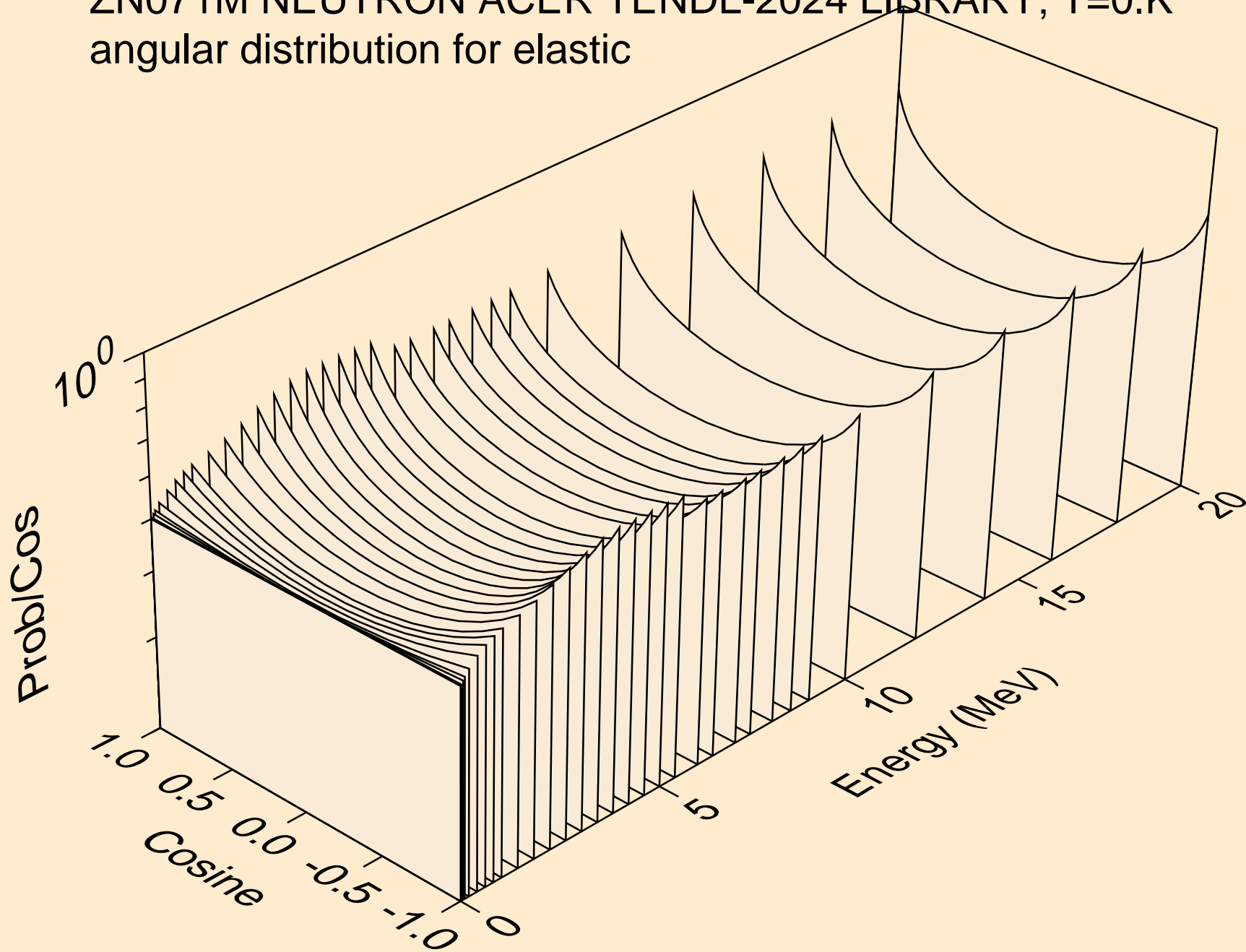


# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

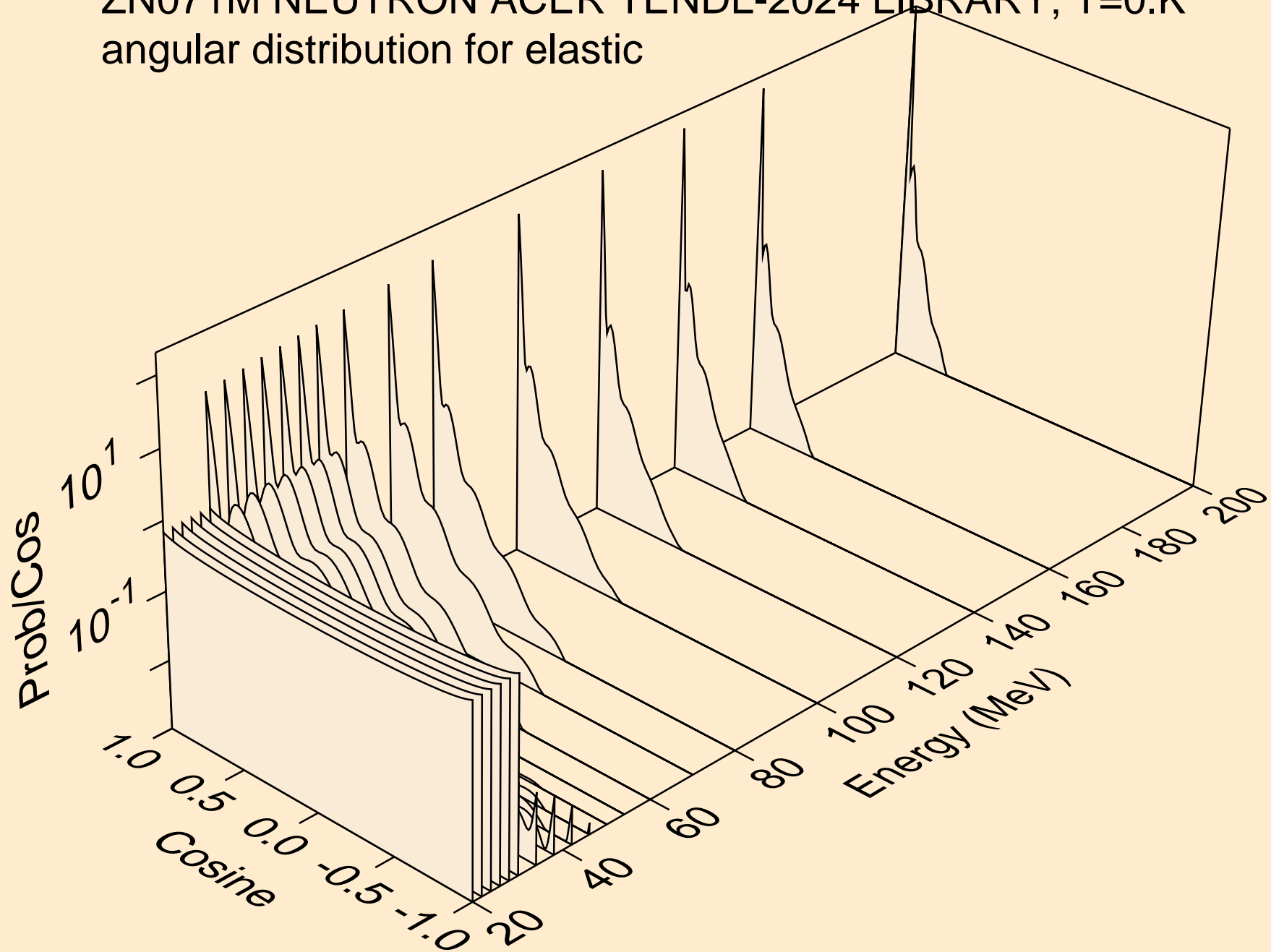
## Threshold reactions



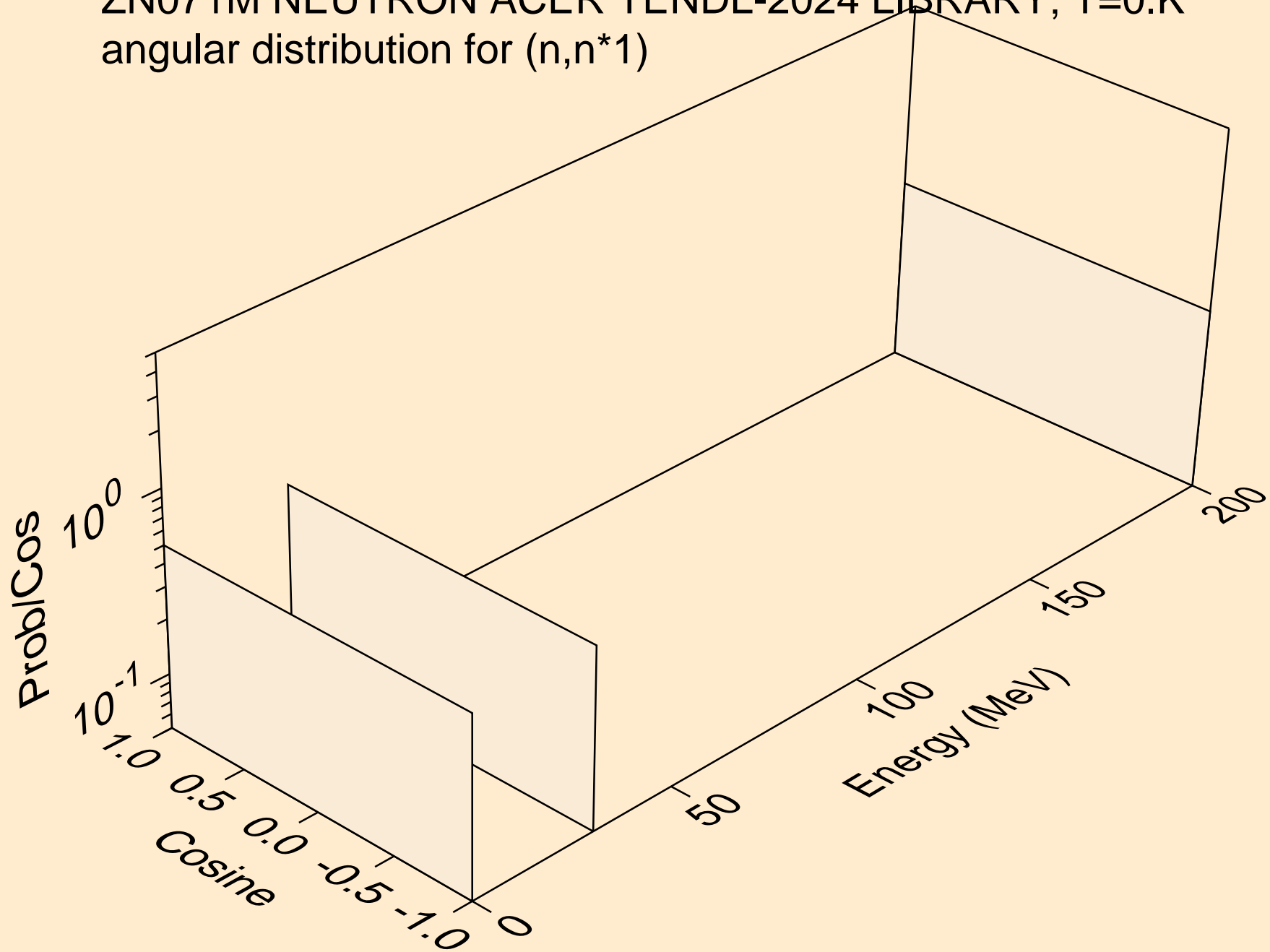
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



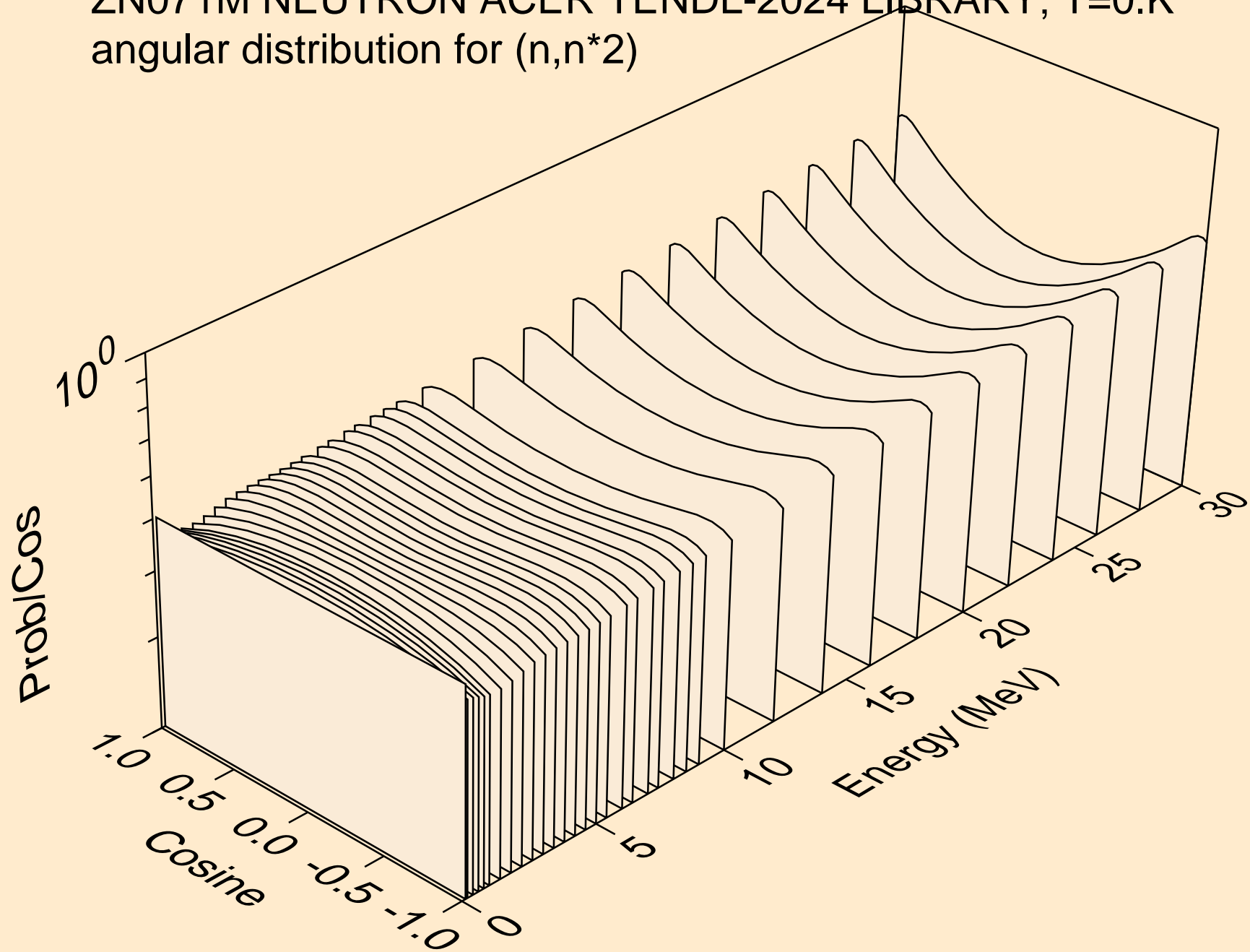
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

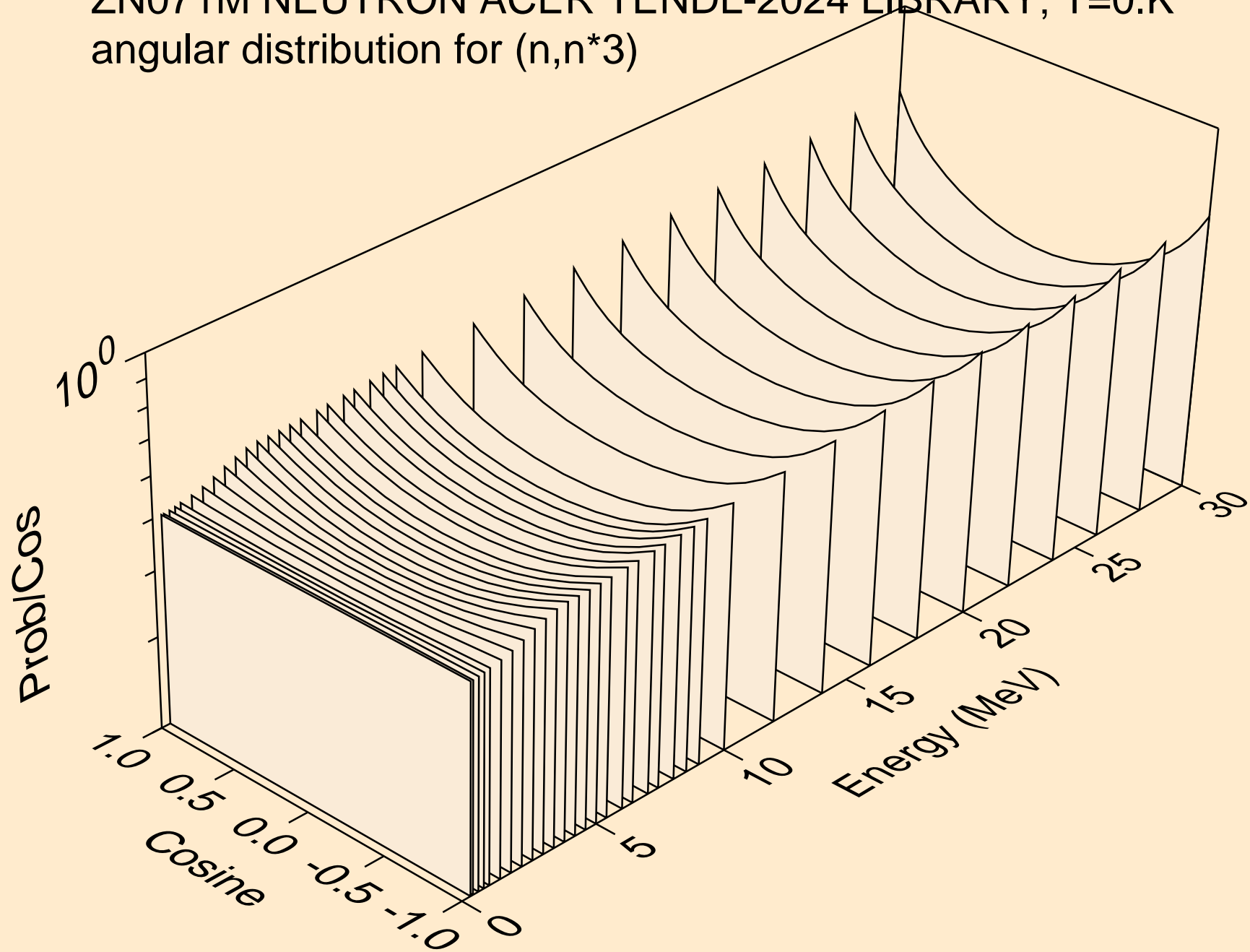


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

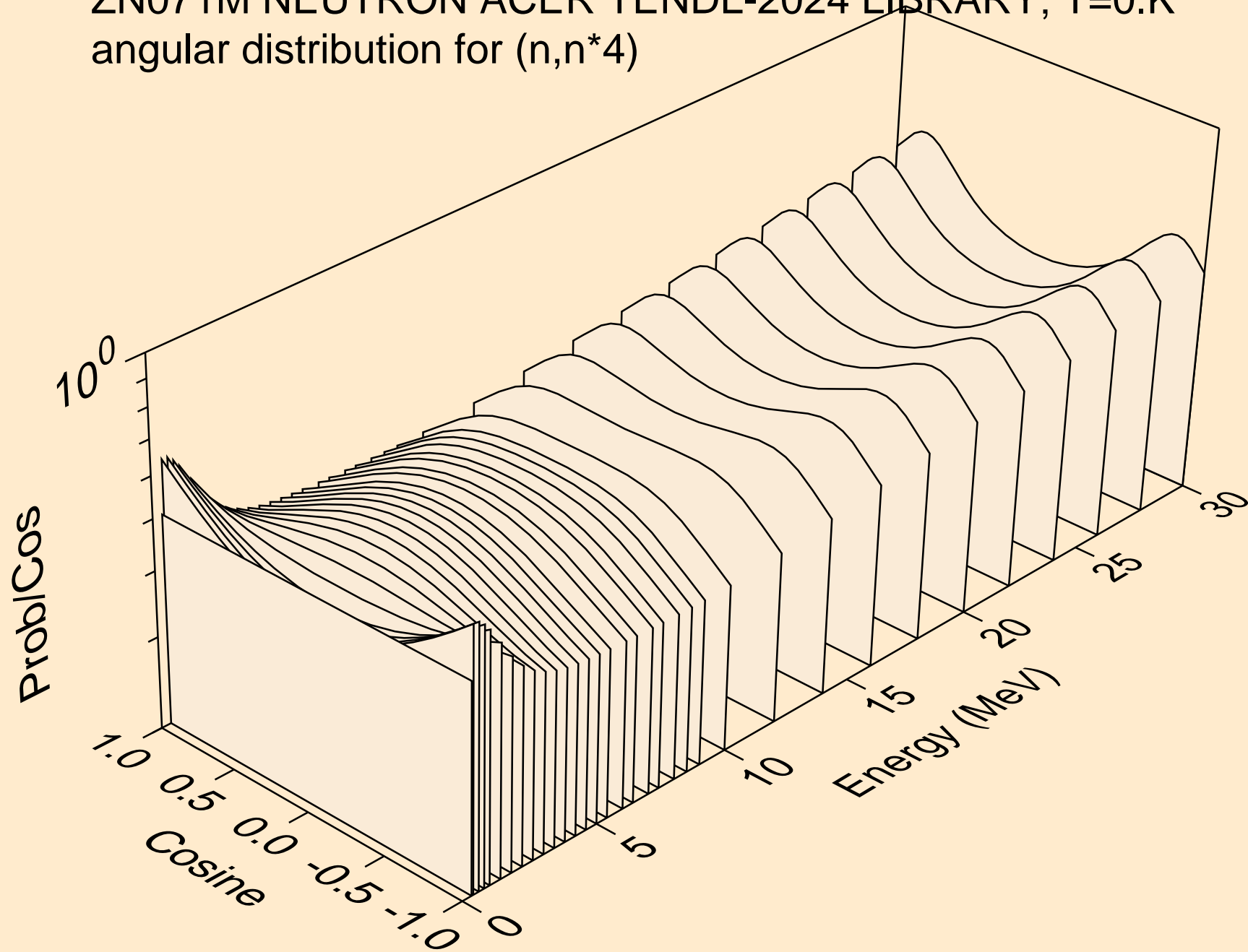




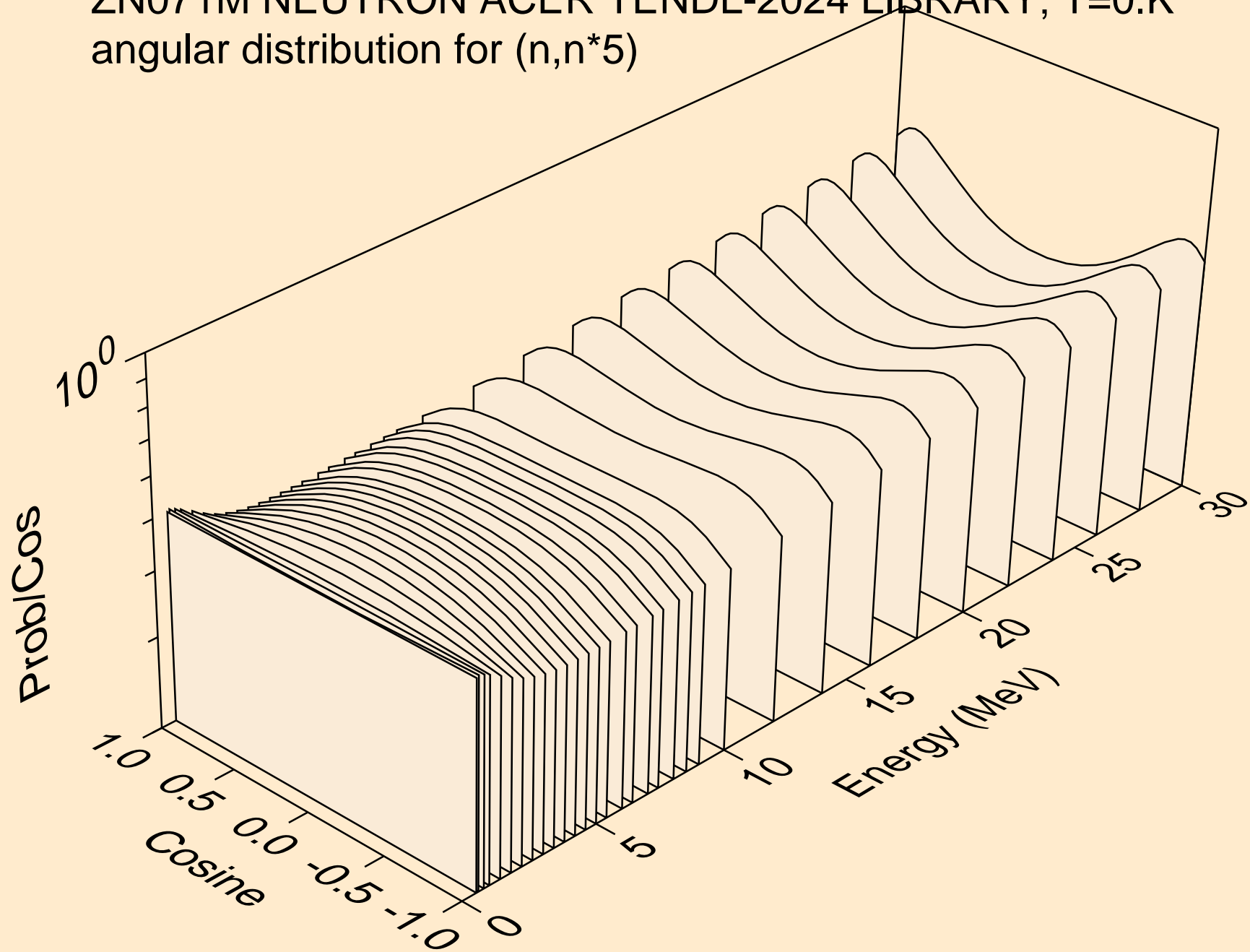
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angular distribution for (n,n\*3)



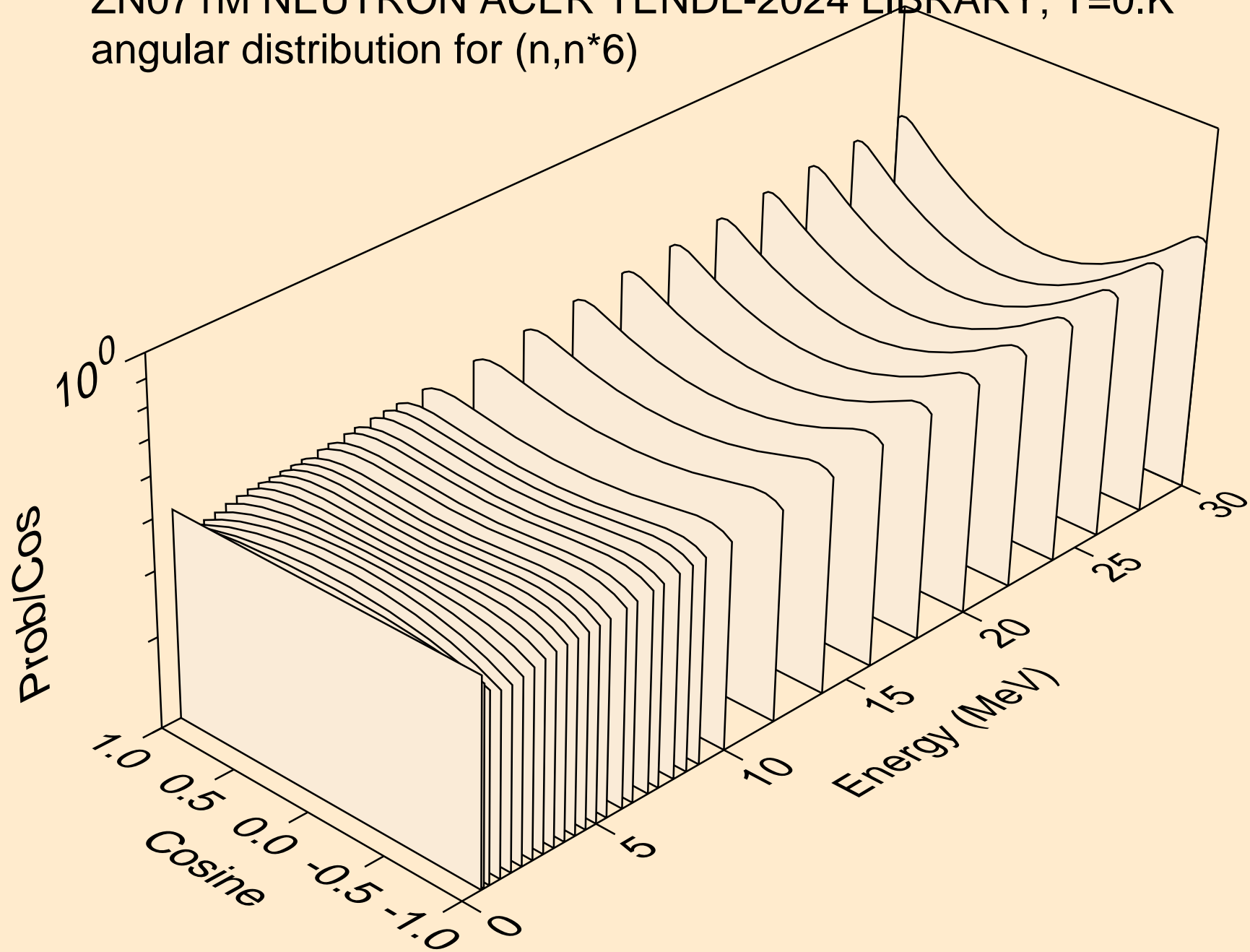
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angular distribution for (n,n\*4)



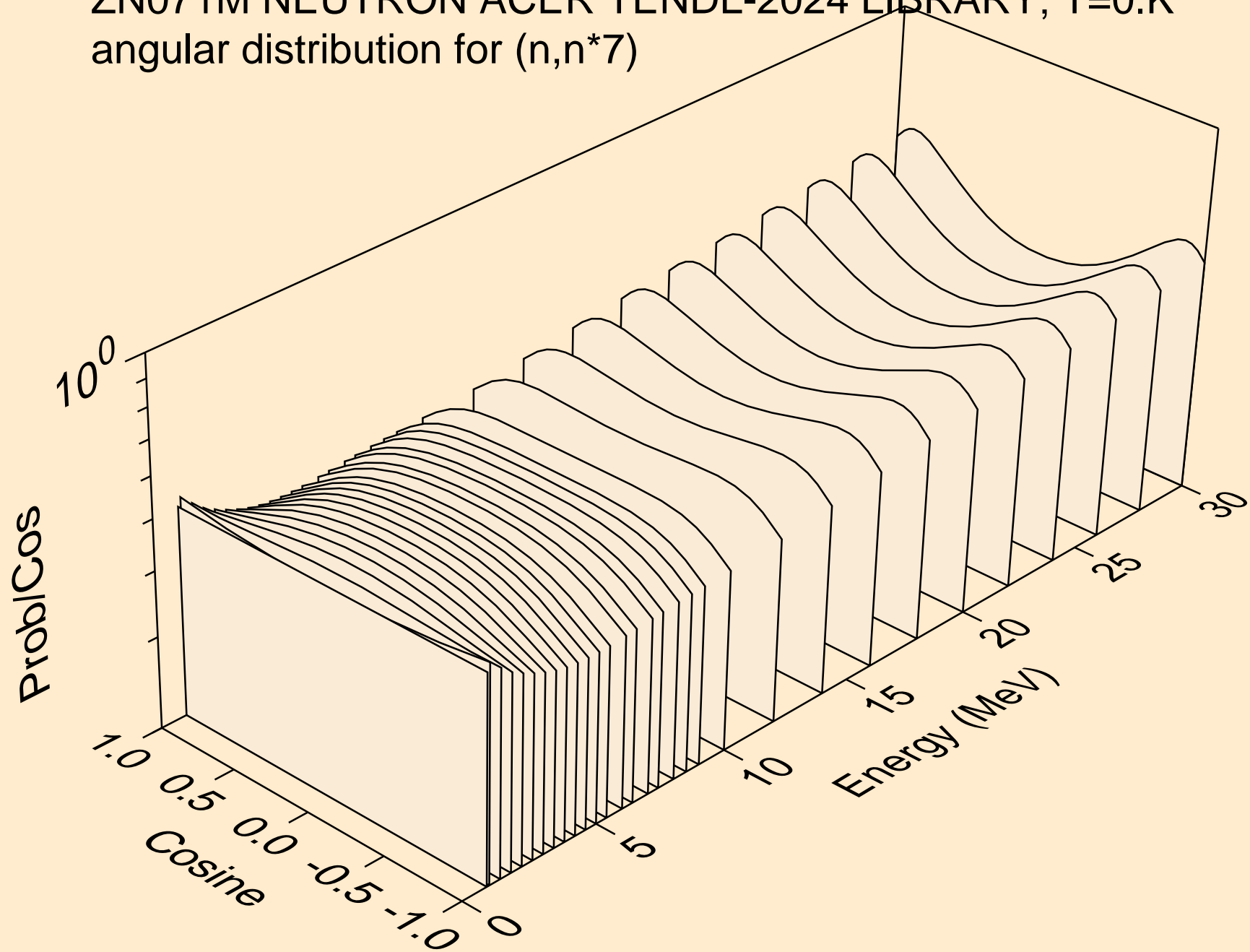
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angular distribution for (n,n\*5)



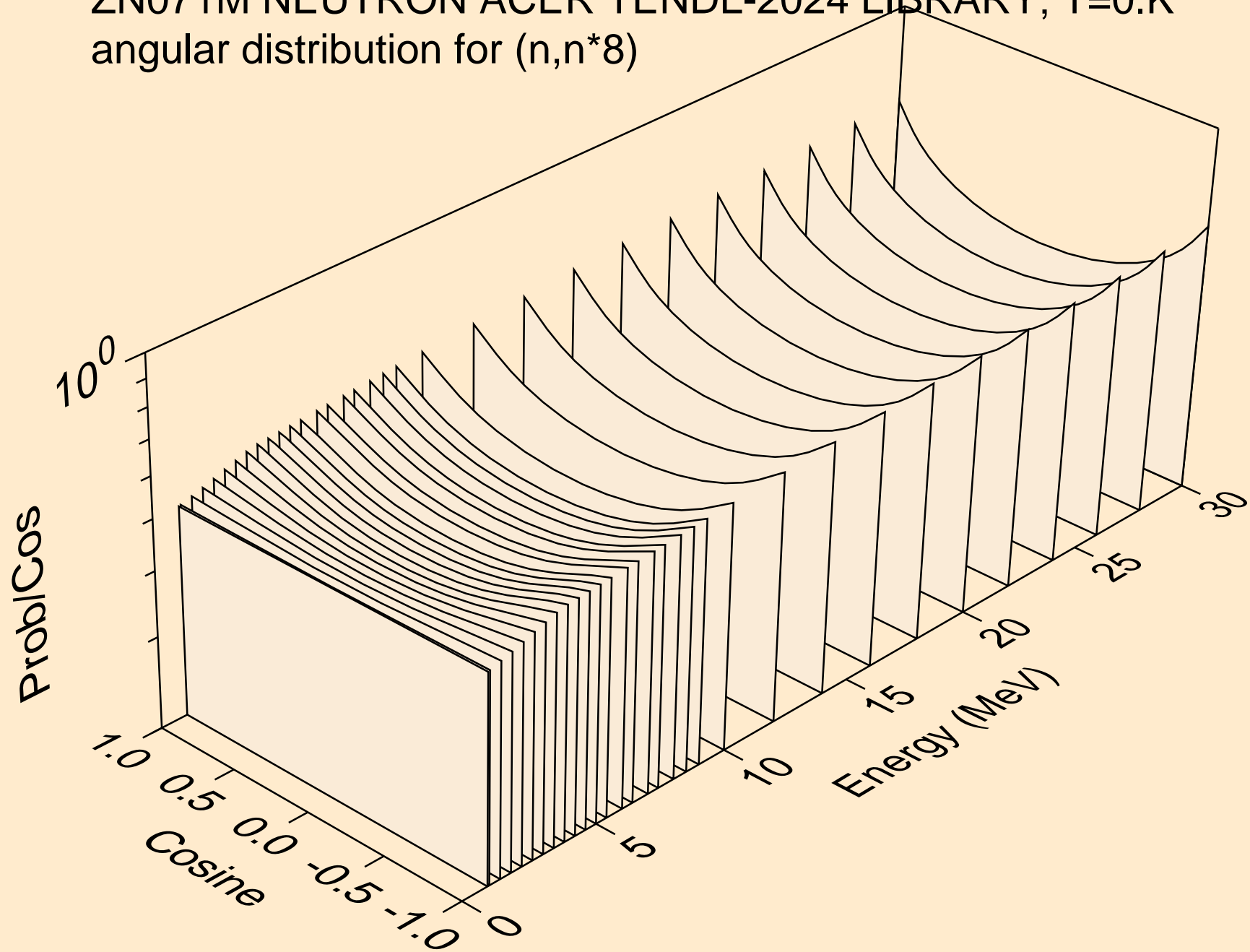
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angular distribution for (n,n\*6)



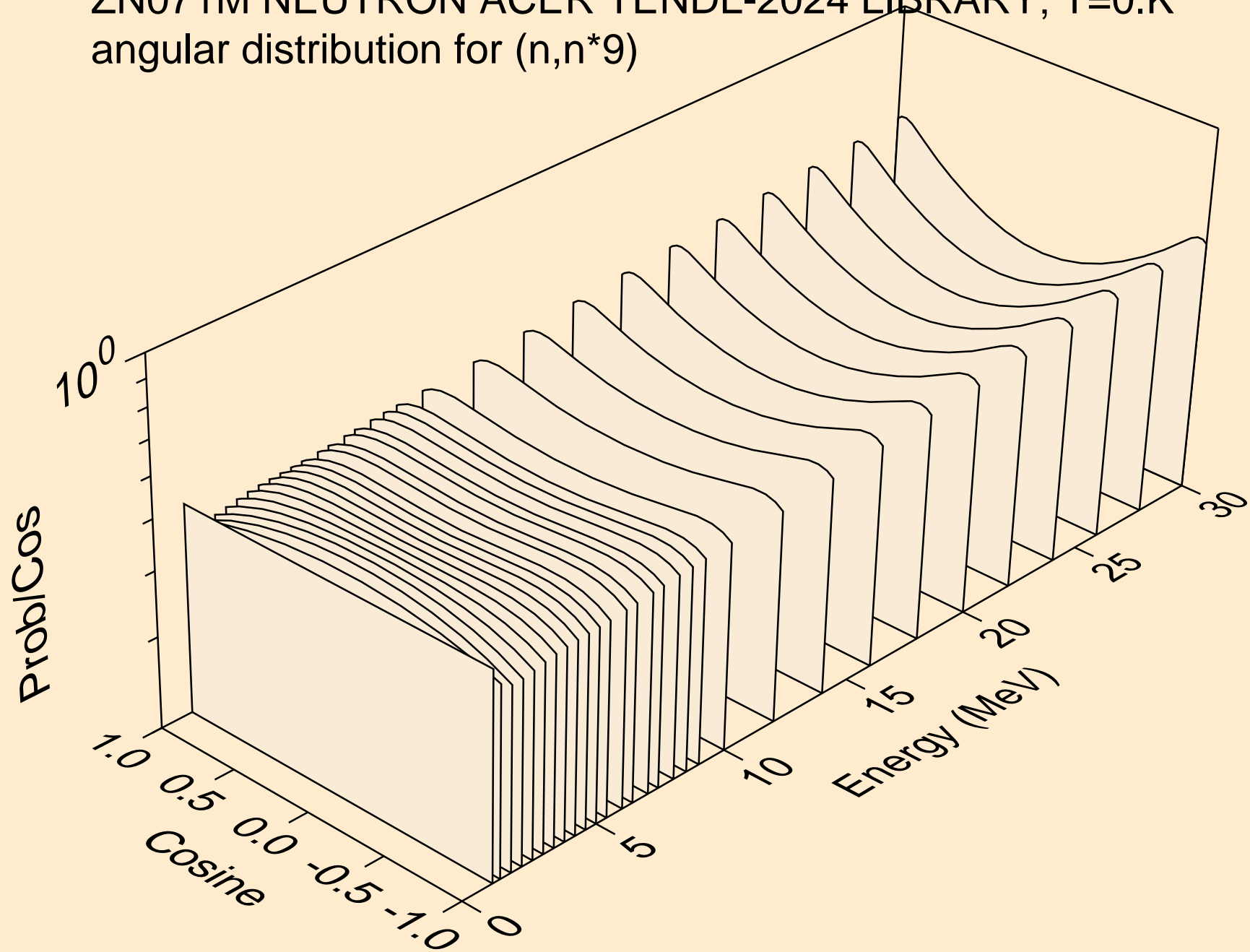
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angular distribution for (n,n\*7)



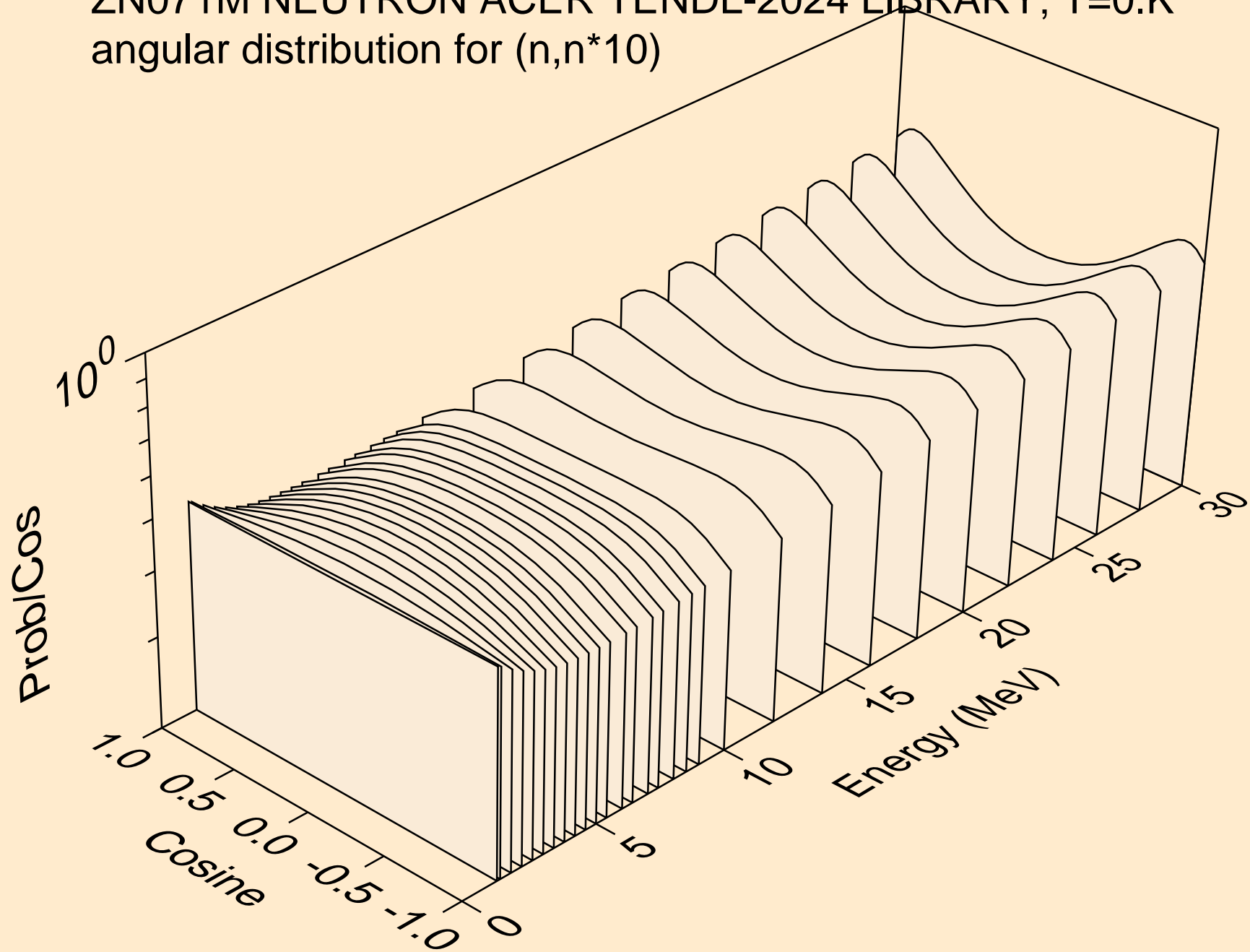
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

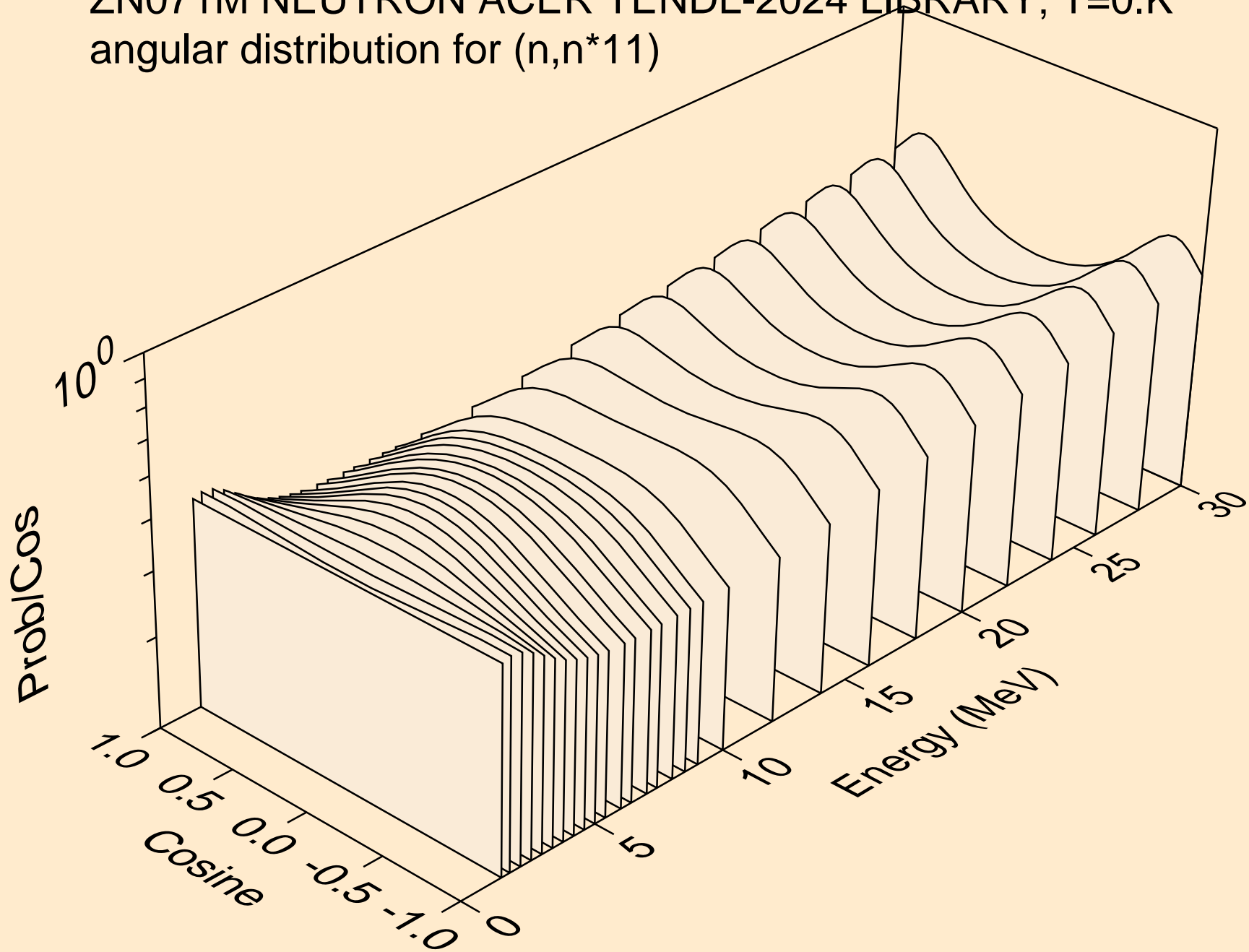


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angular distribution for (n,n\*10)

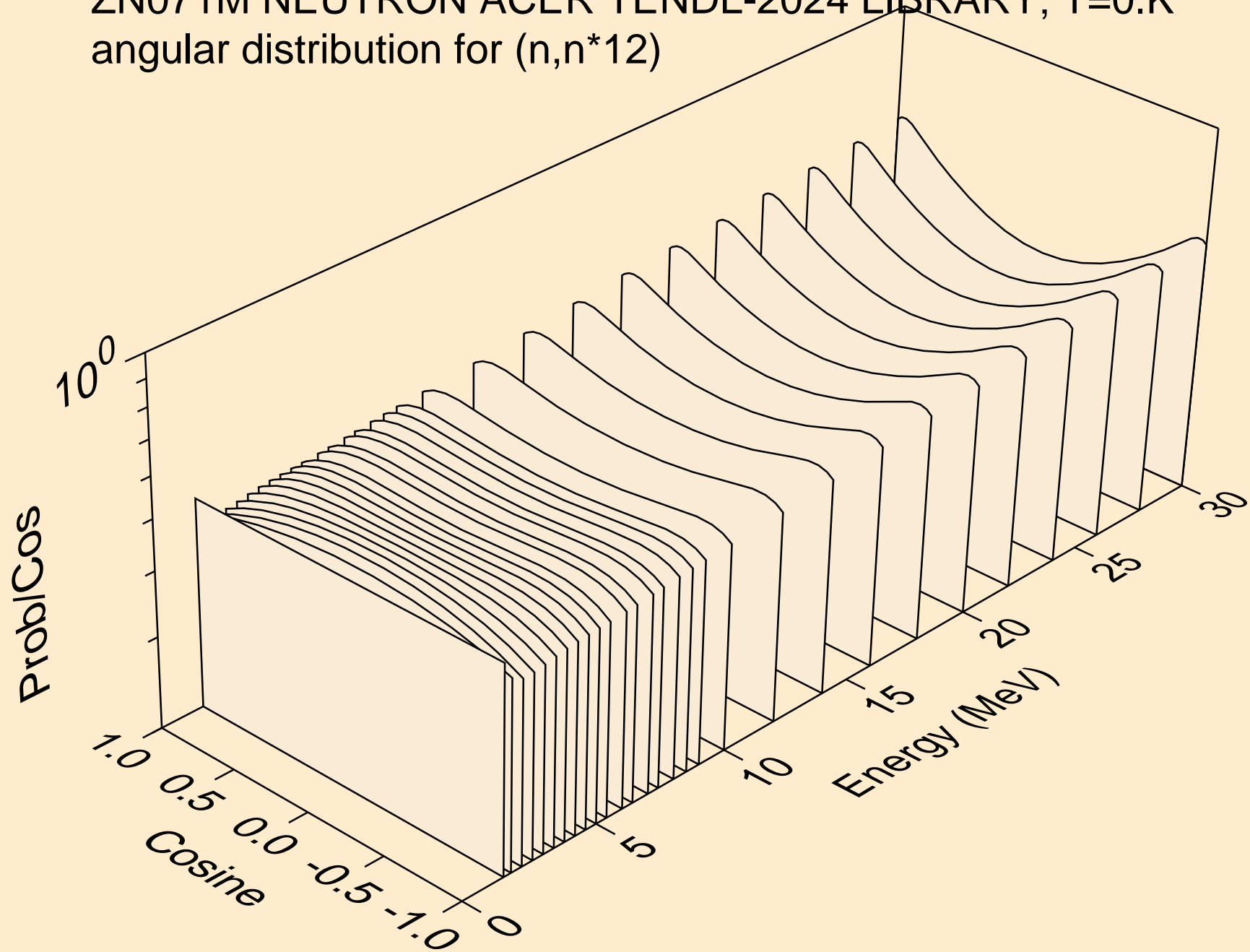




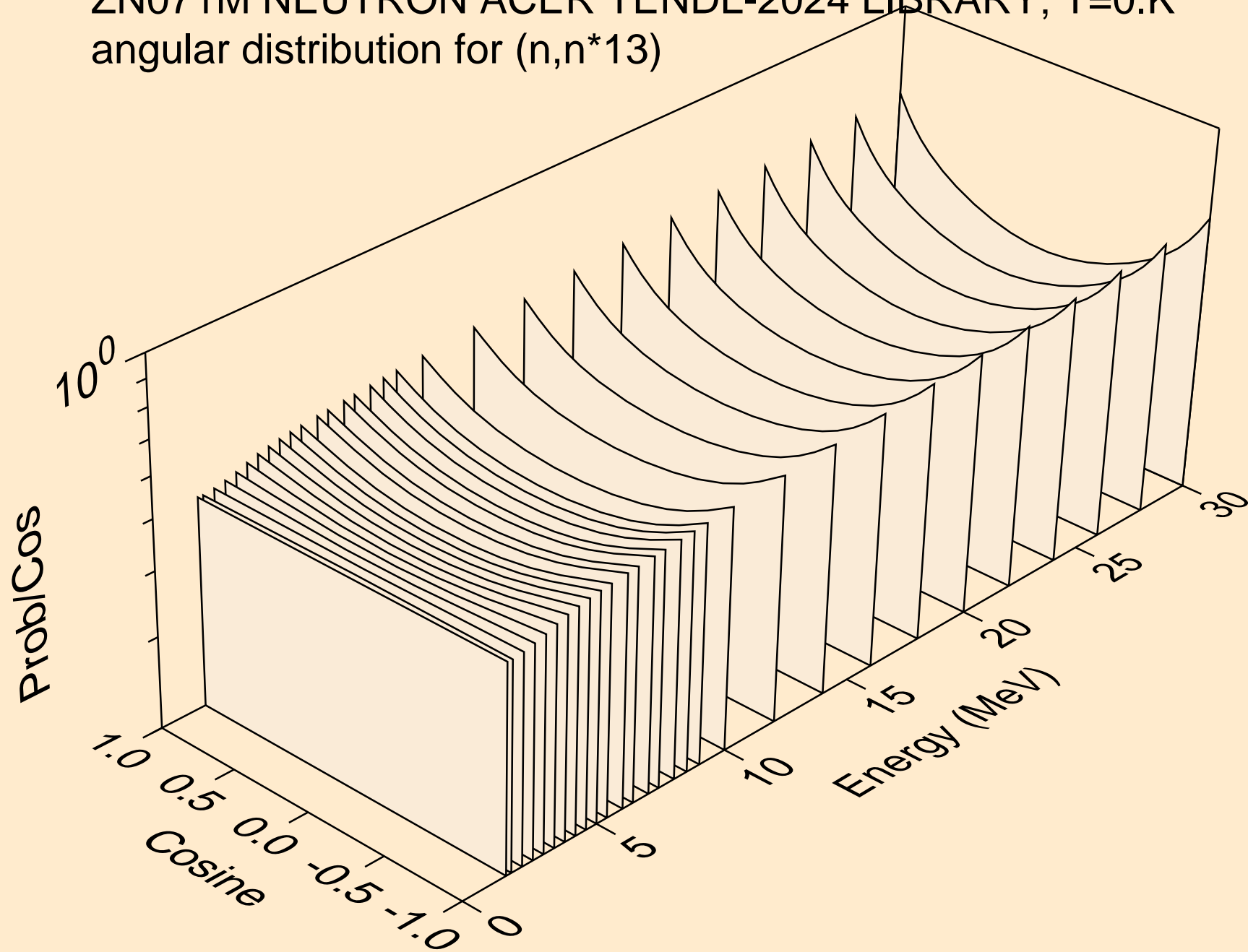
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angular distribution for (n,n\*11)



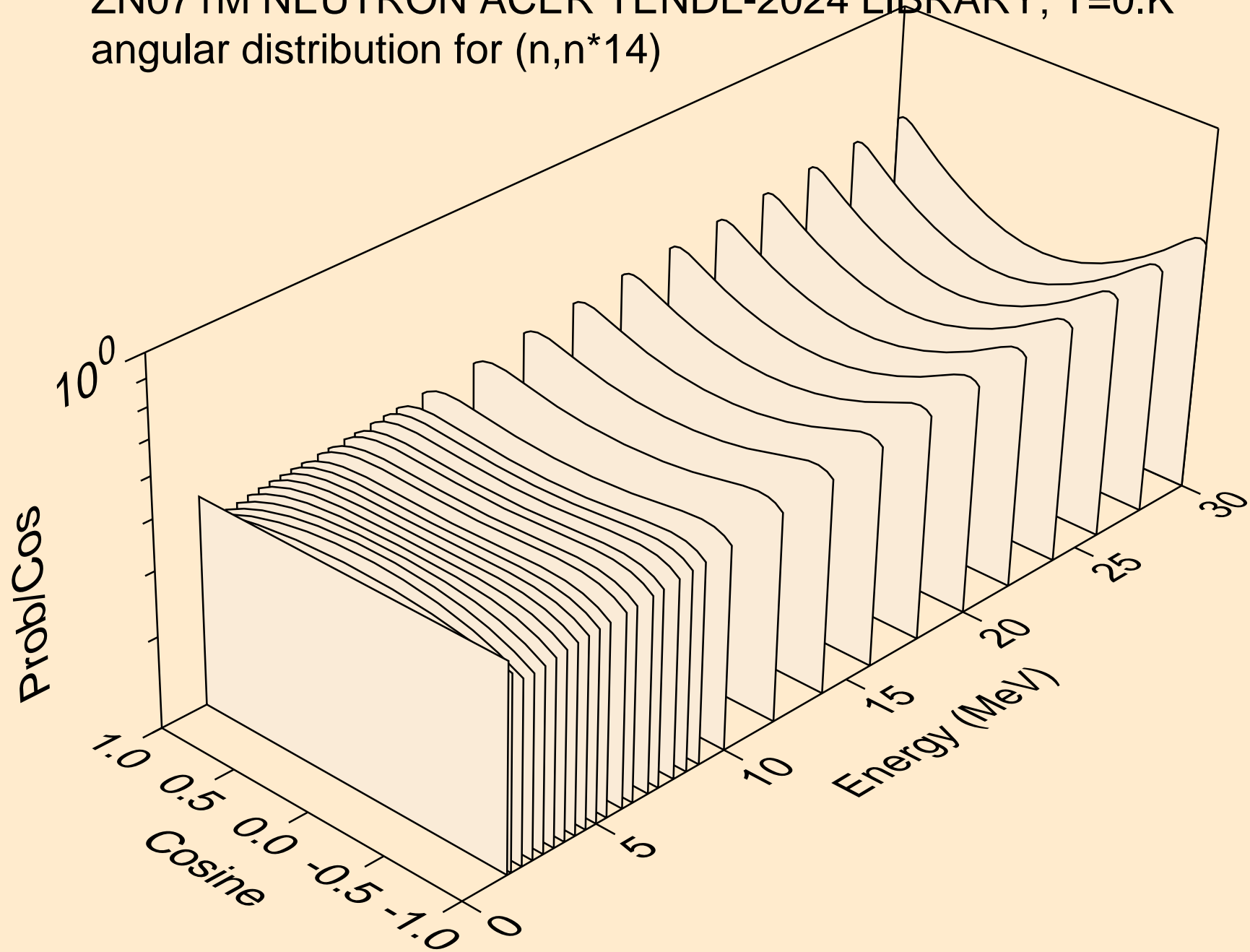
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angular distribution for (n,n\*12)



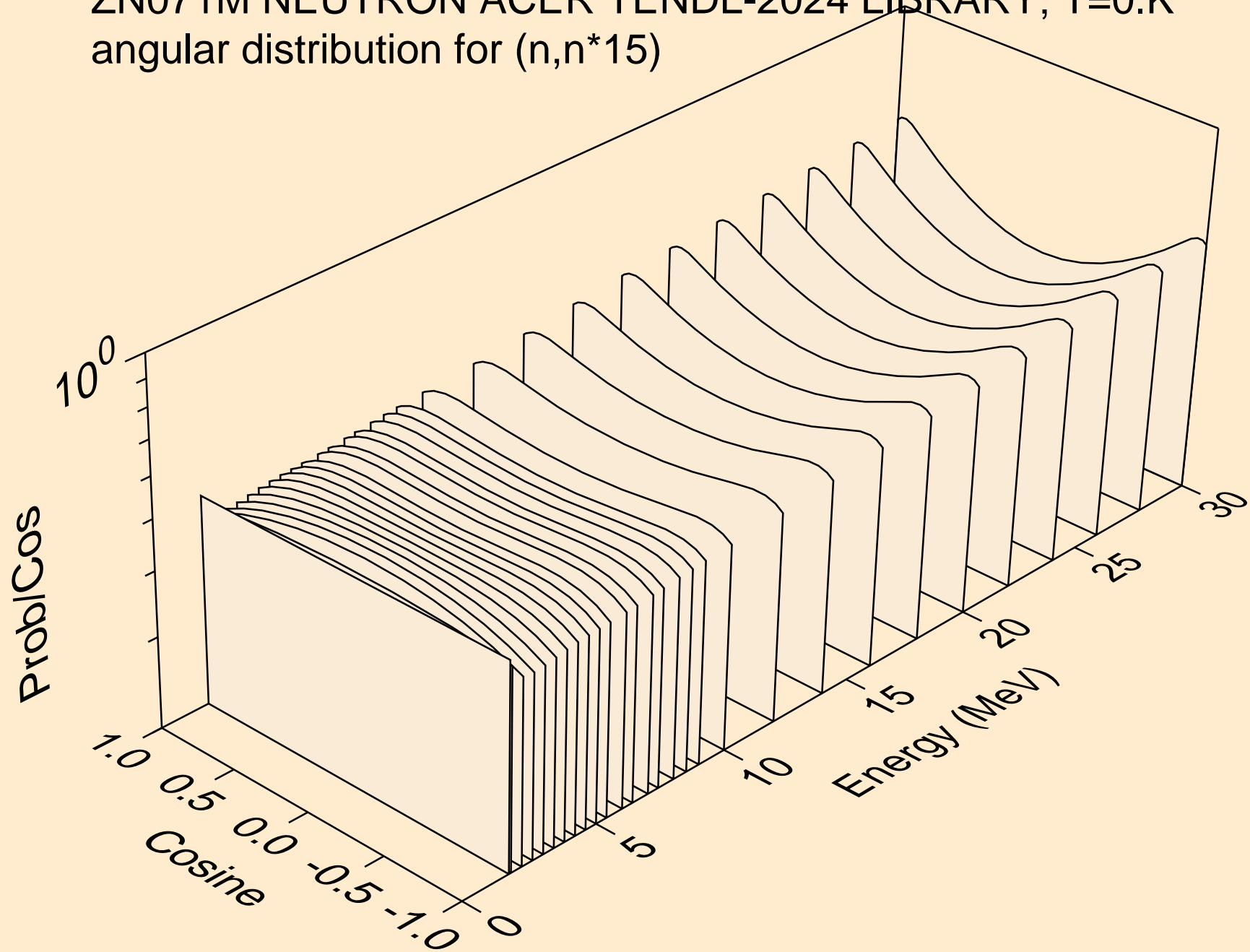
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angular distribution for (n,n\*13)



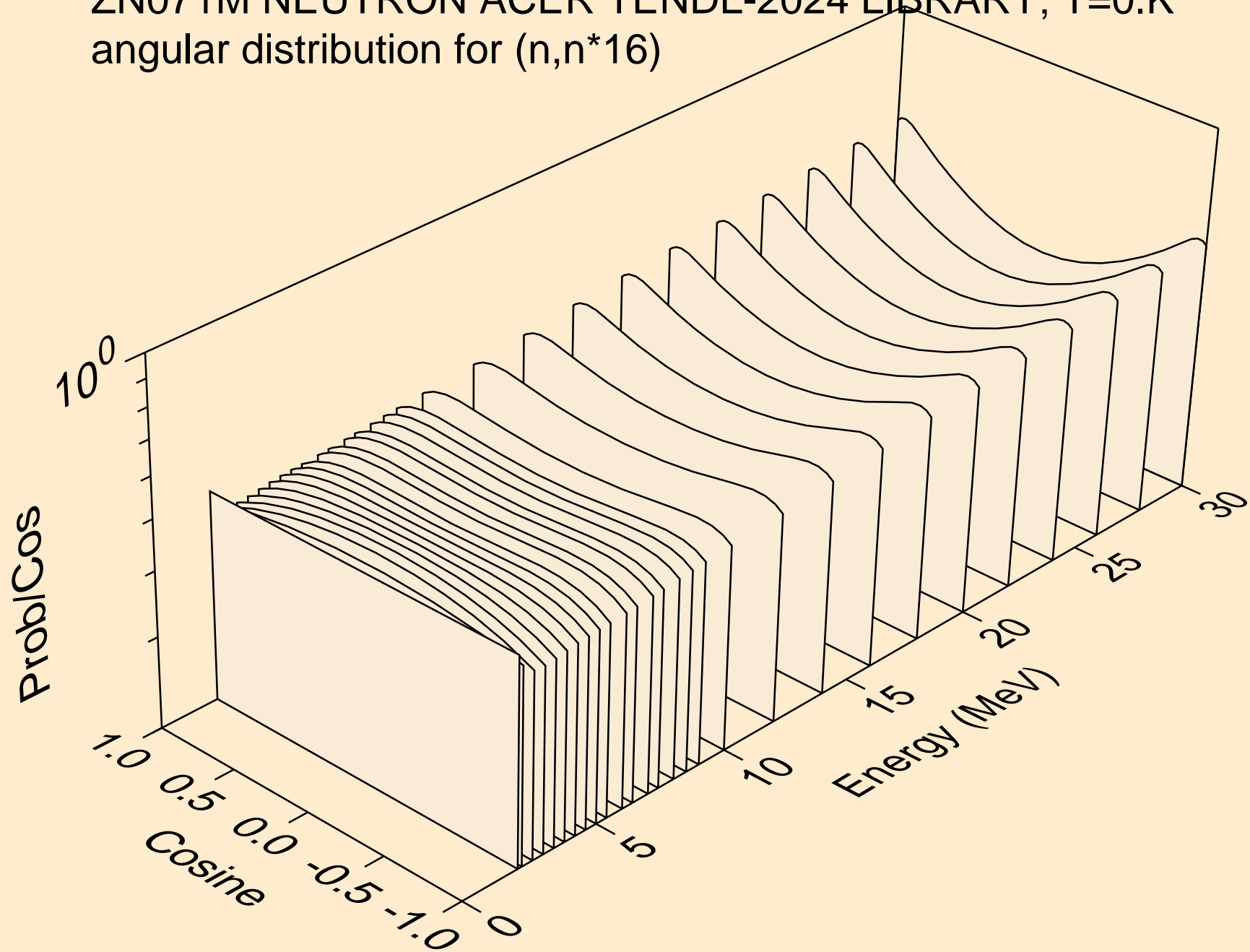
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angular distribution for (n,n\*14)



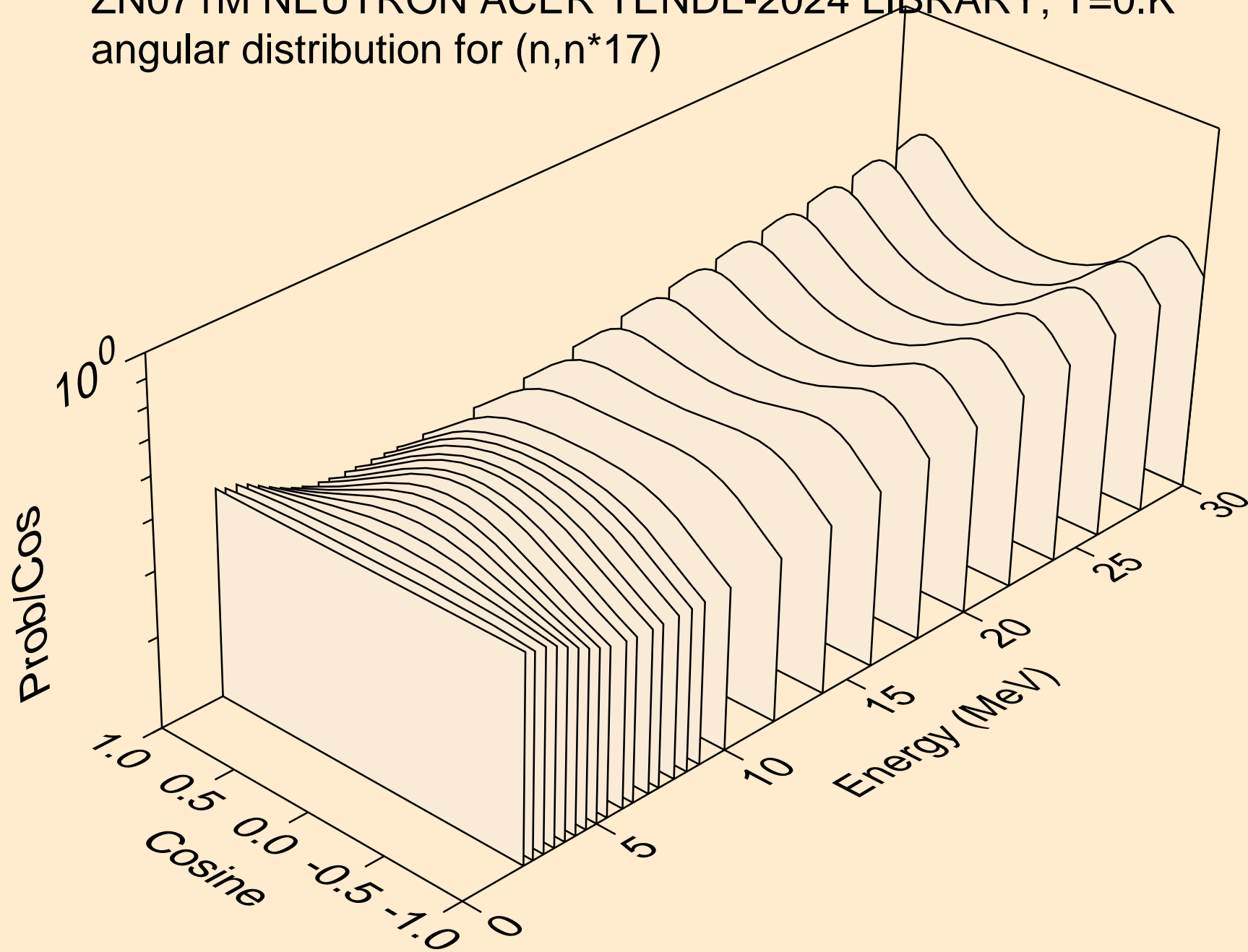
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angular distribution for (n,n\*15)



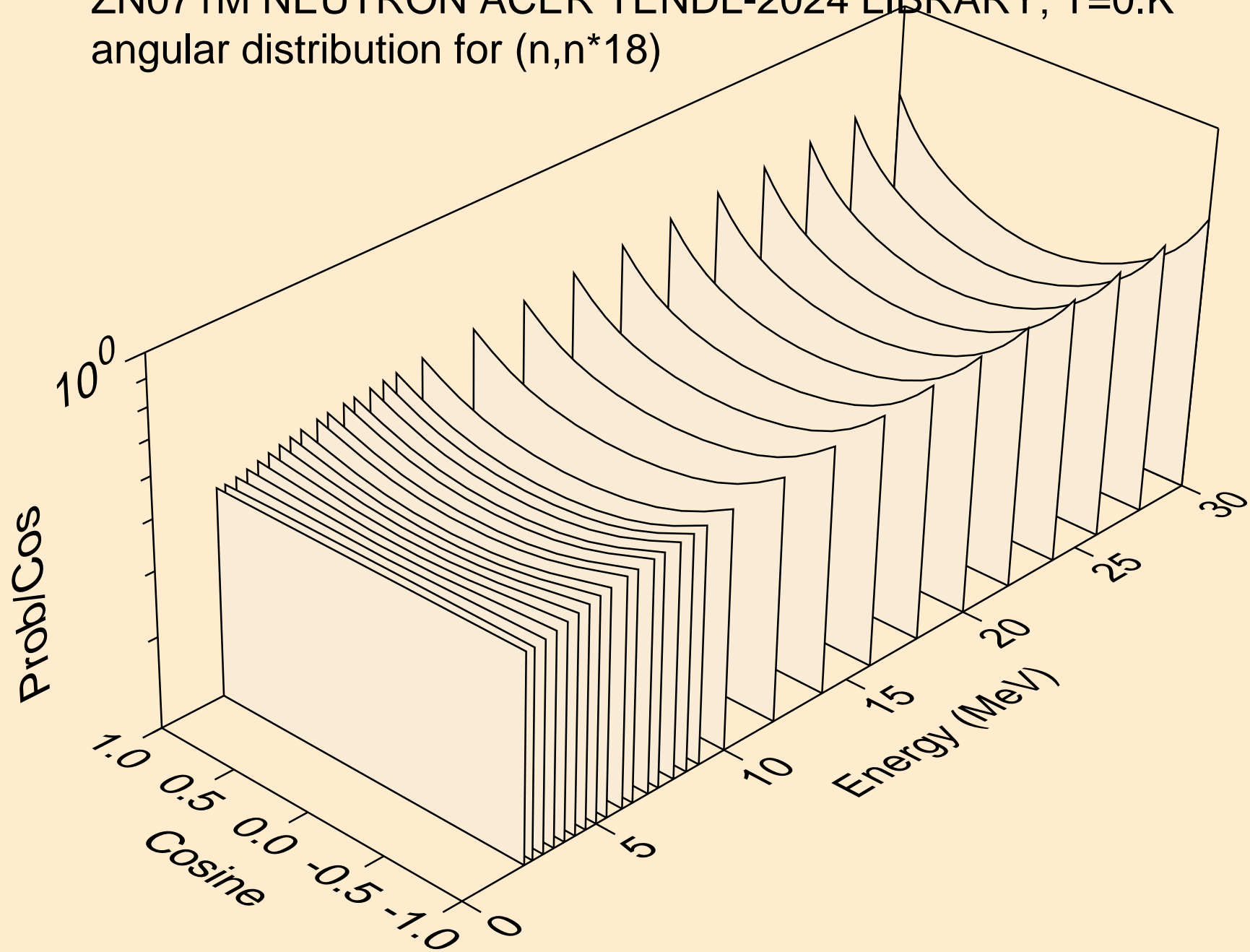
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

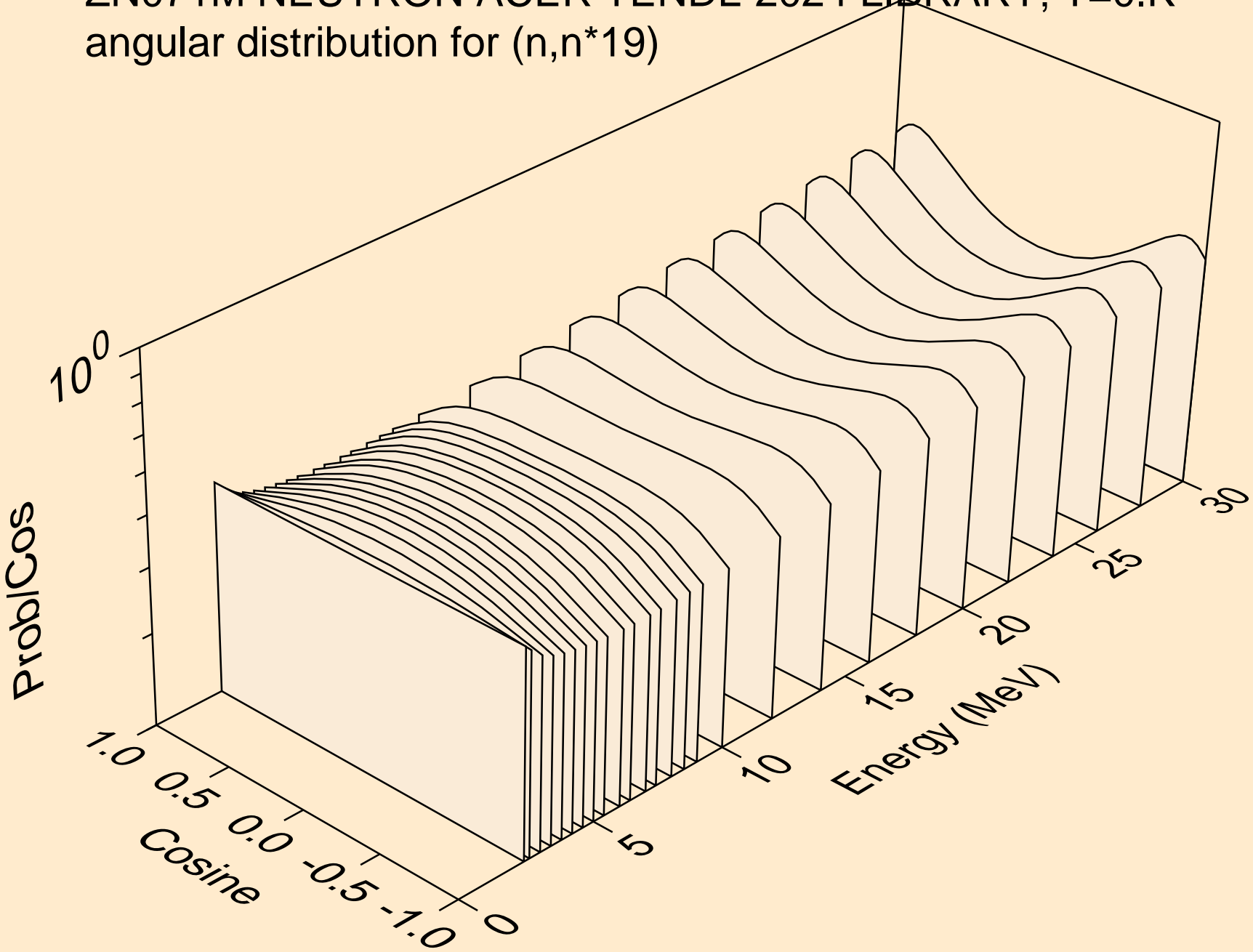


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angular distribution for (n,n\*18)

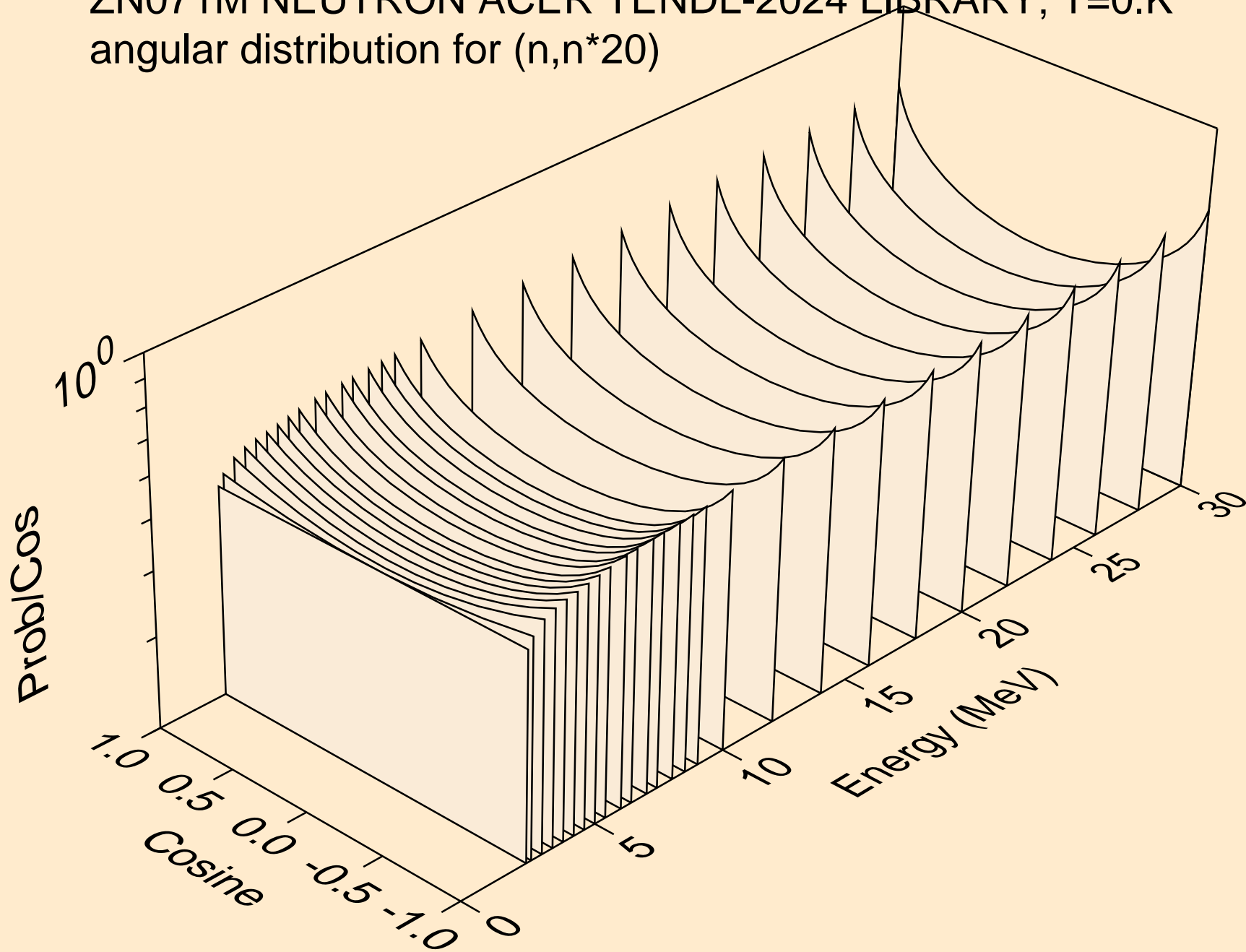




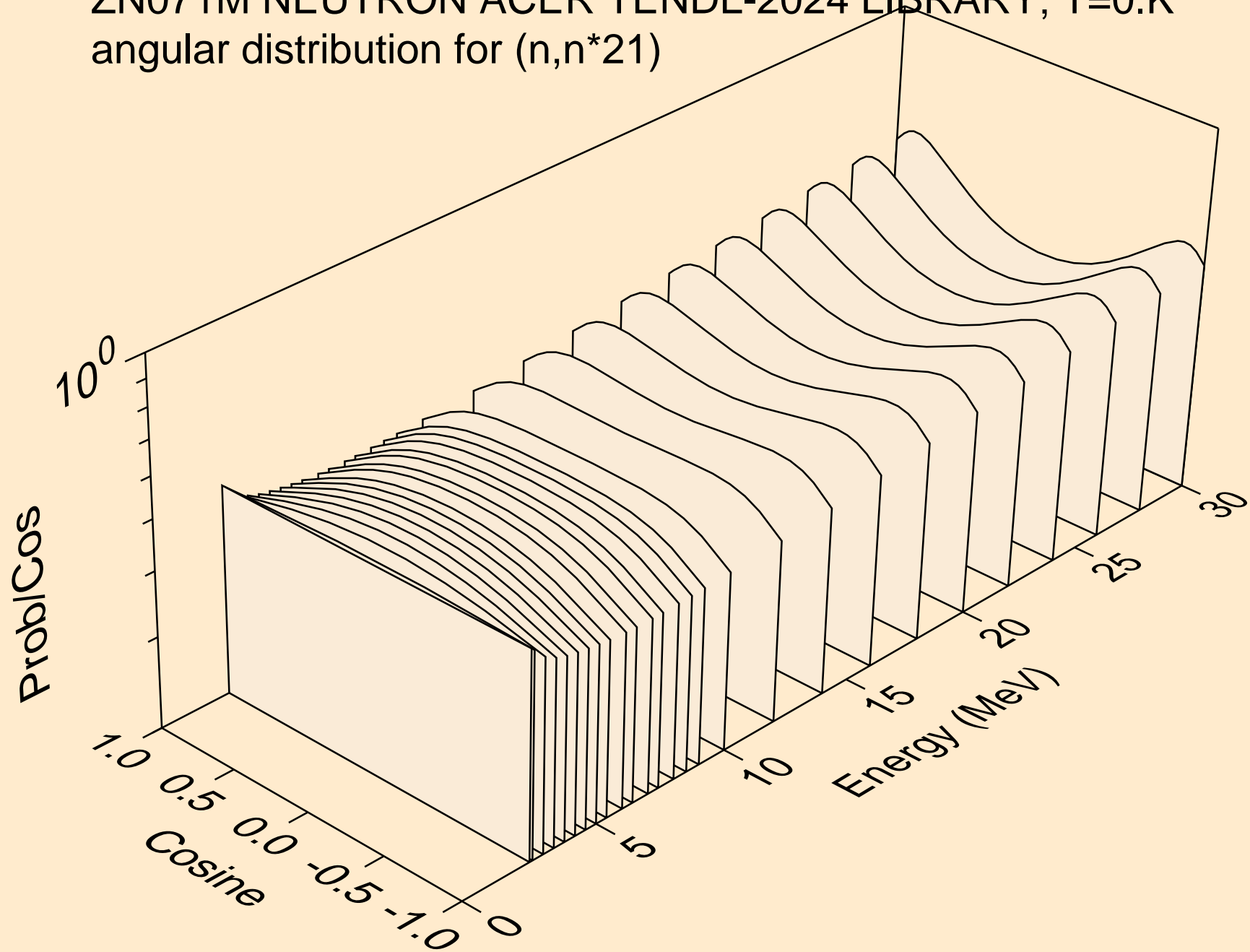
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angular distribution for (n,n\*19)



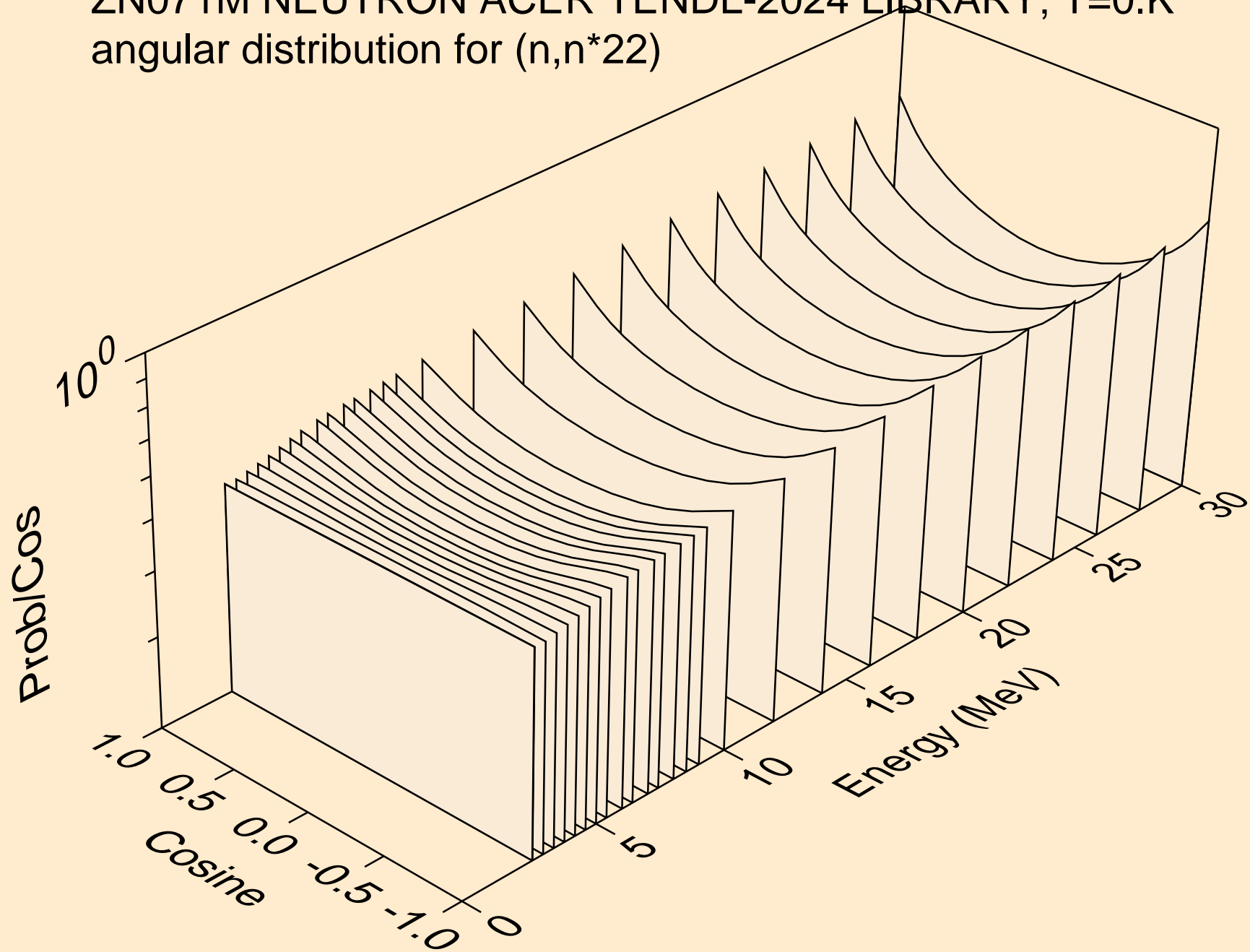
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angular distribution for (n,n\*20)



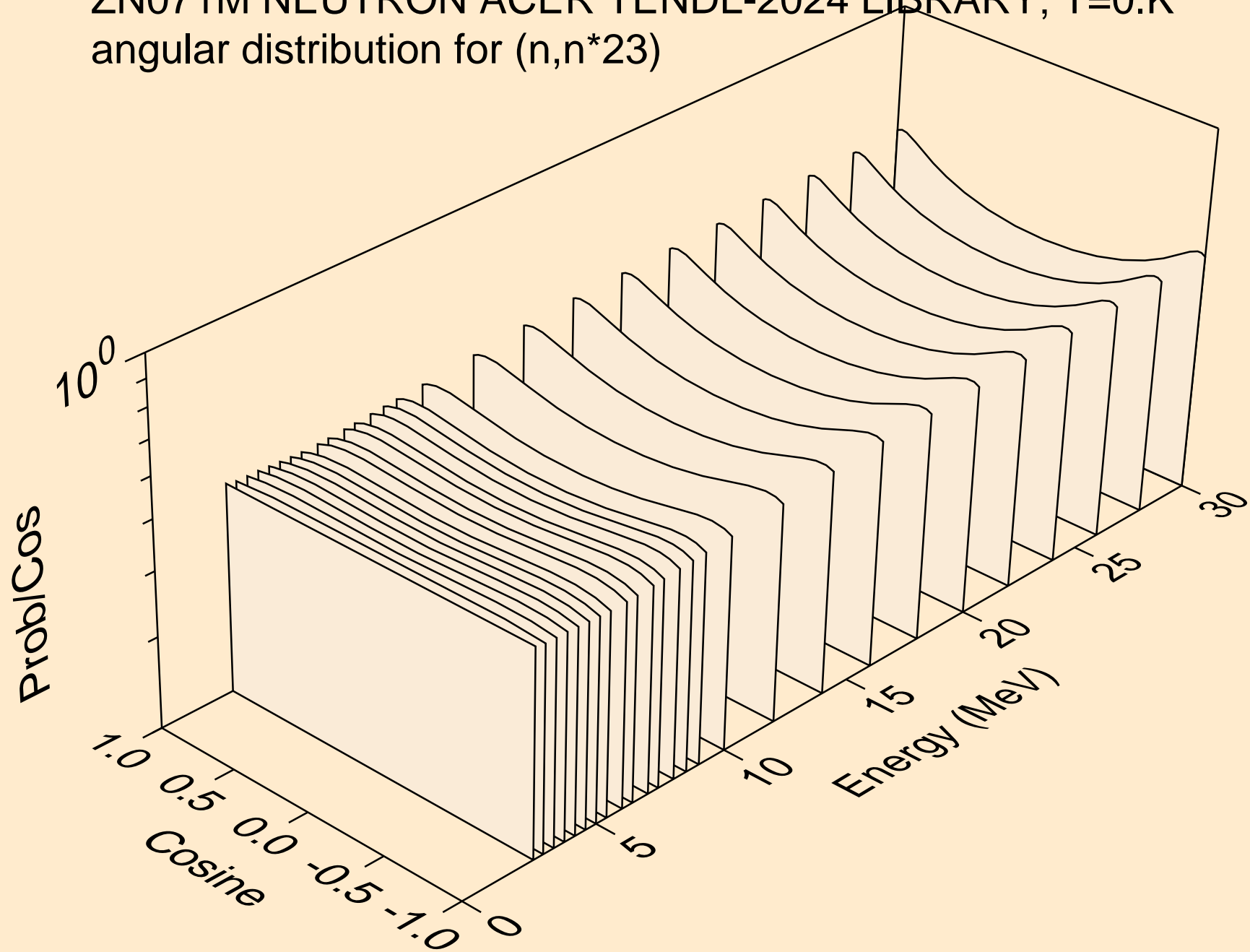
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angular distribution for (n,n\*21)



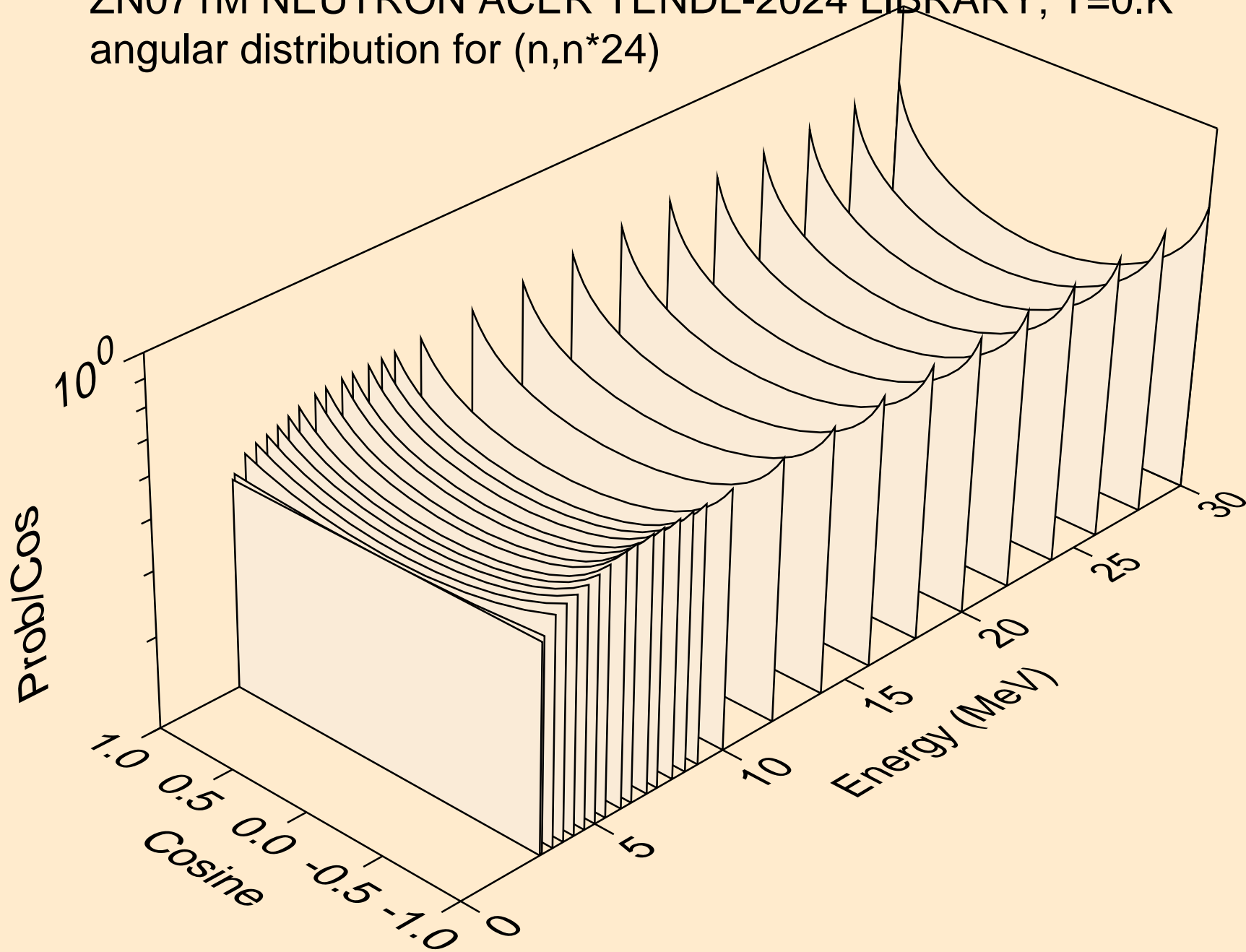
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angular distribution for (n,n\*22)



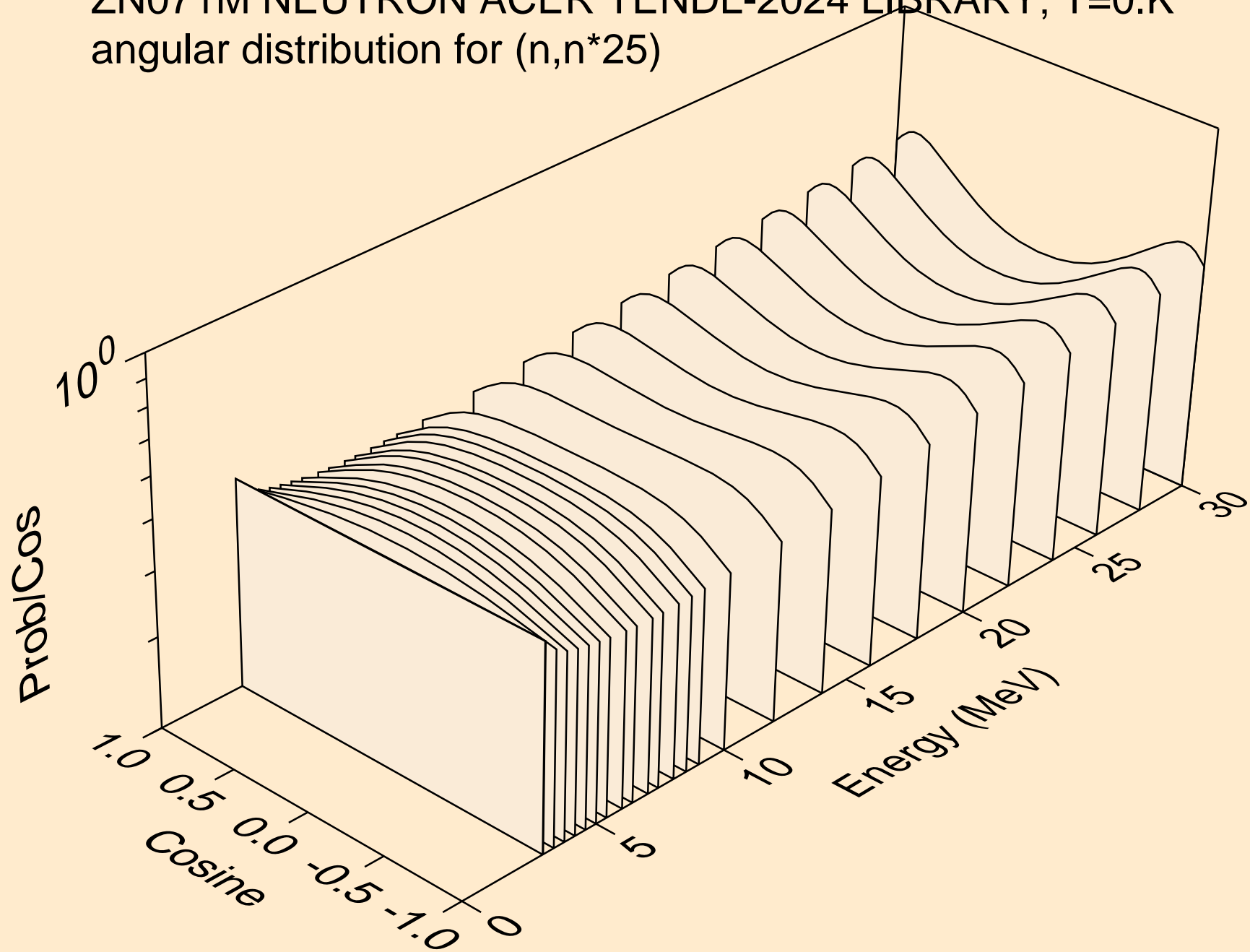
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angular distribution for (n,n\*23)



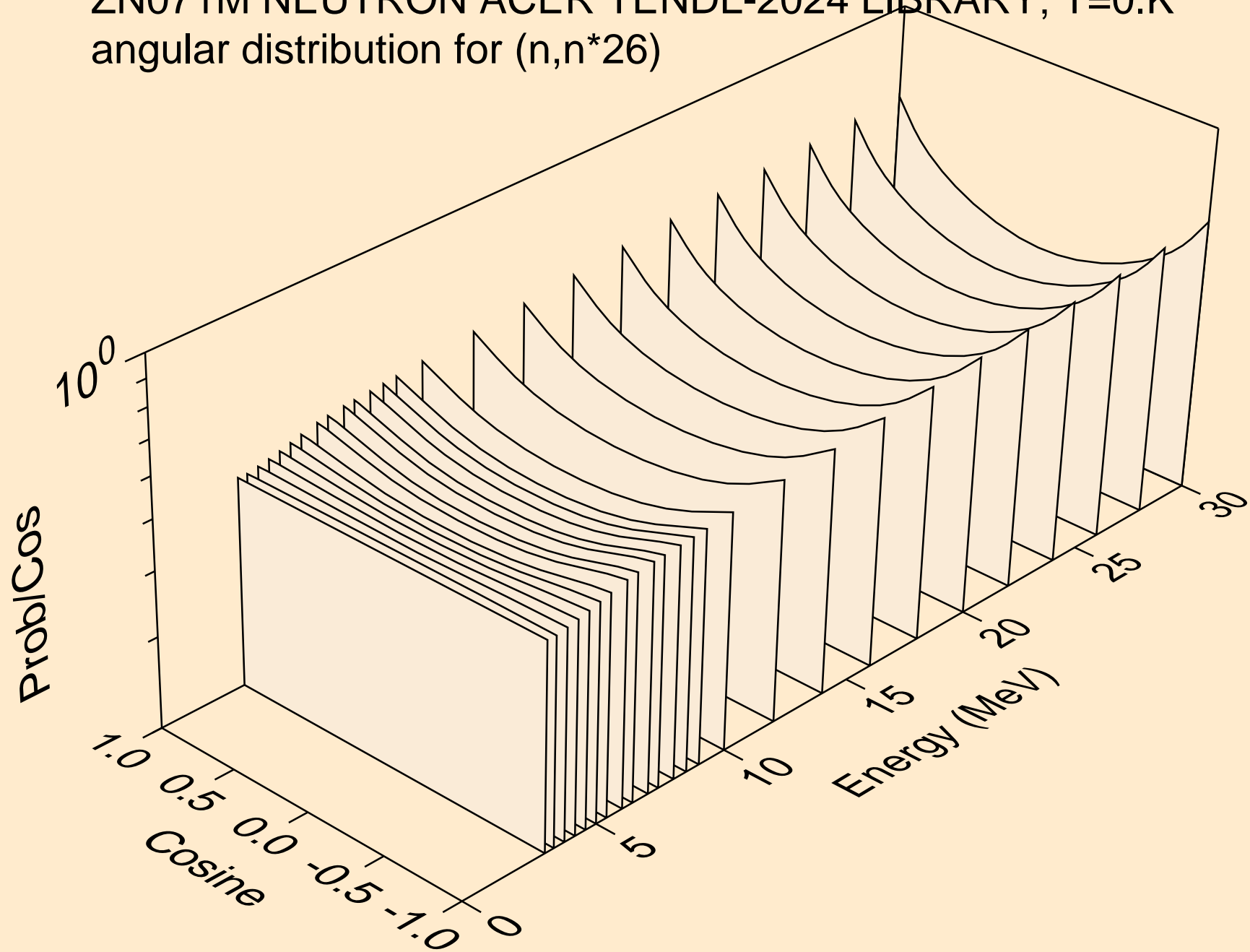
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

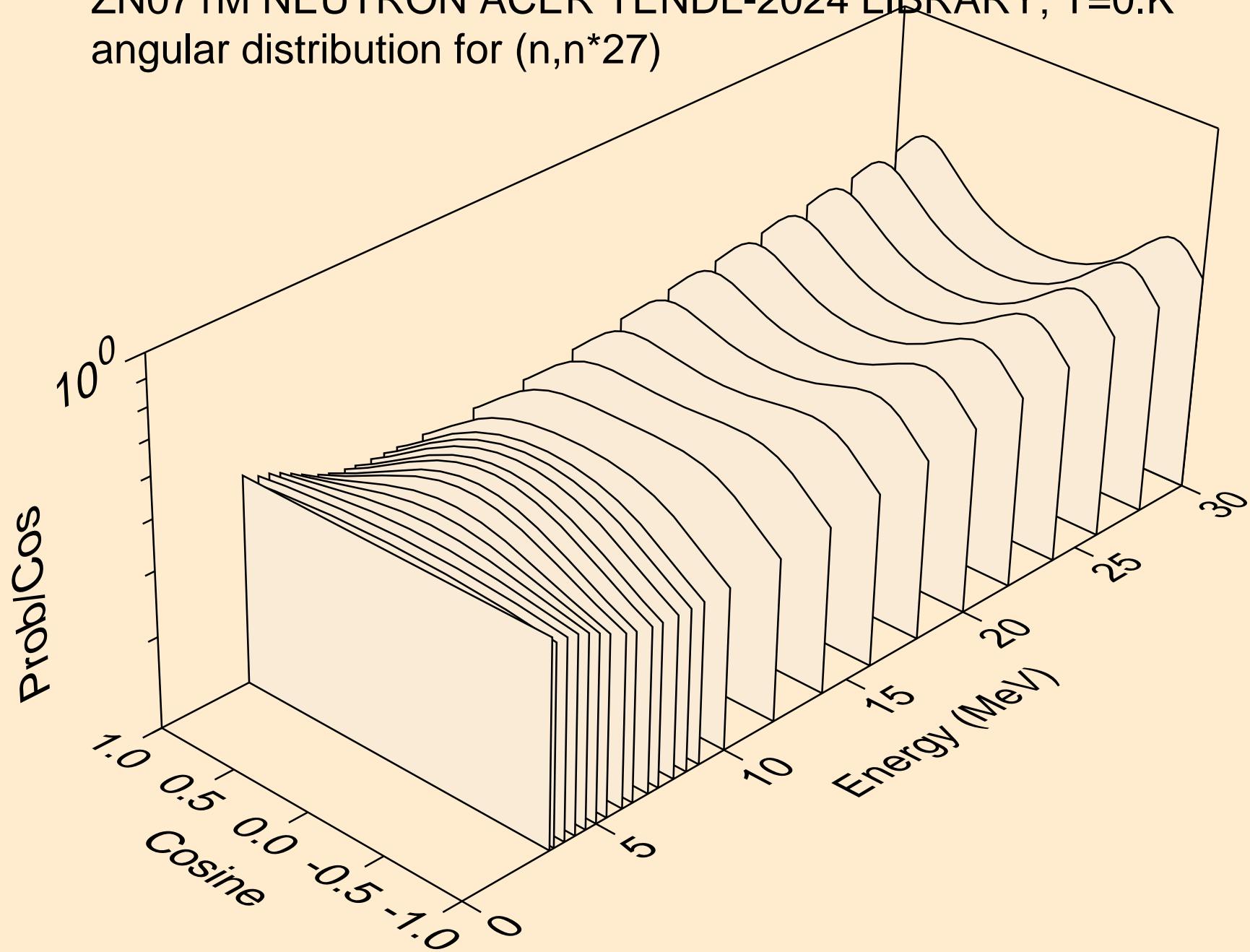


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

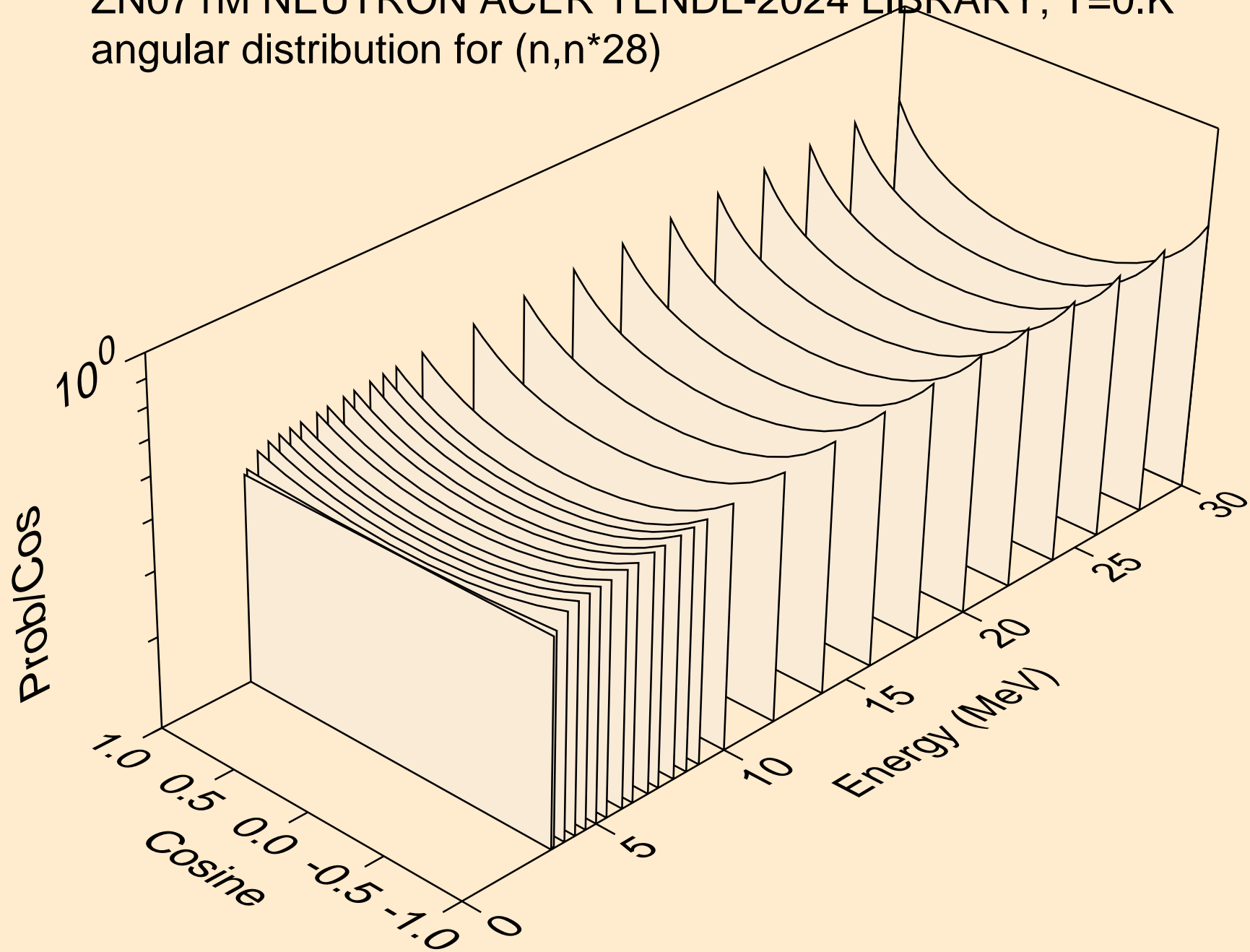




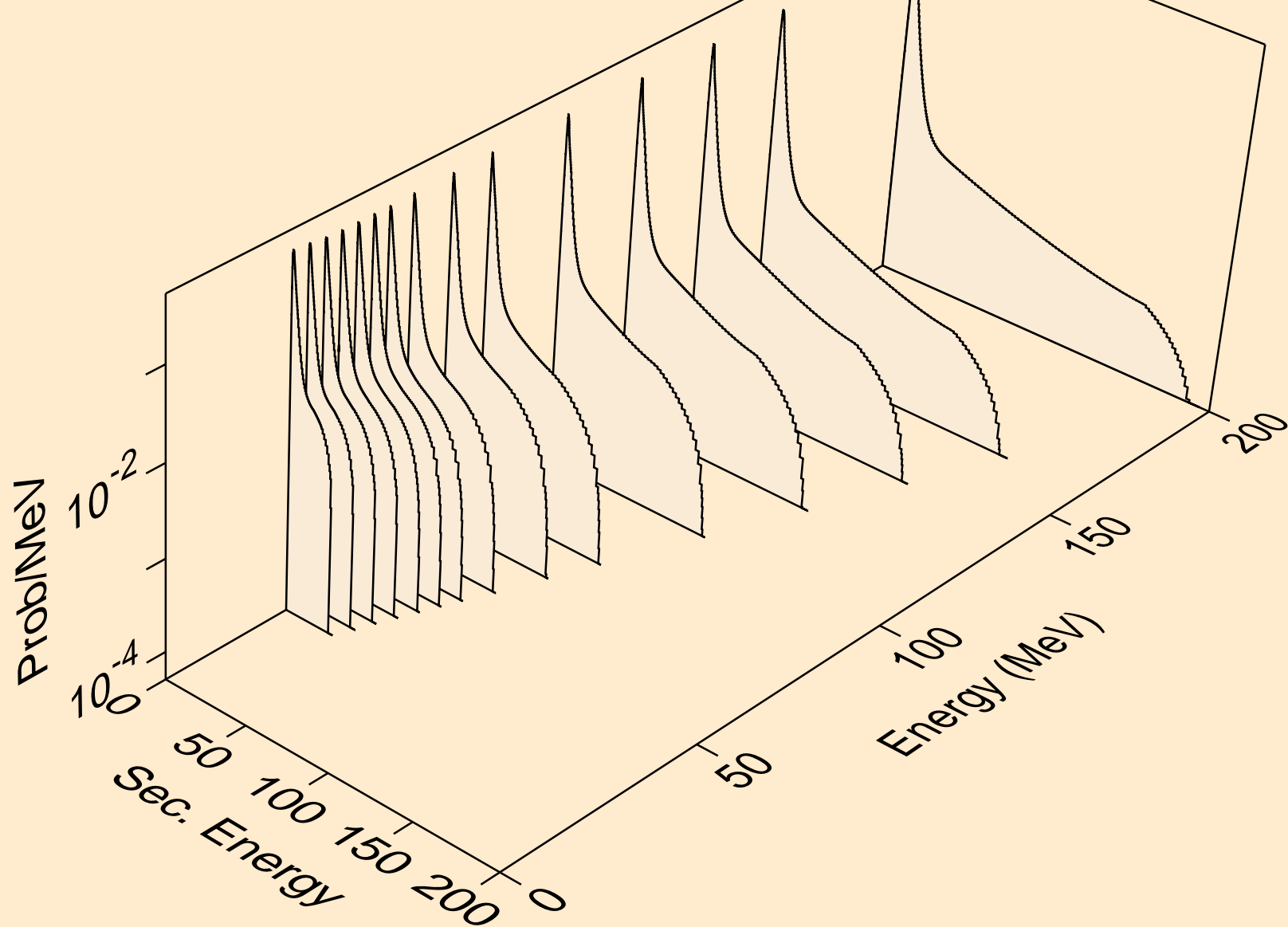
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angular distribution for (n,n\*27)



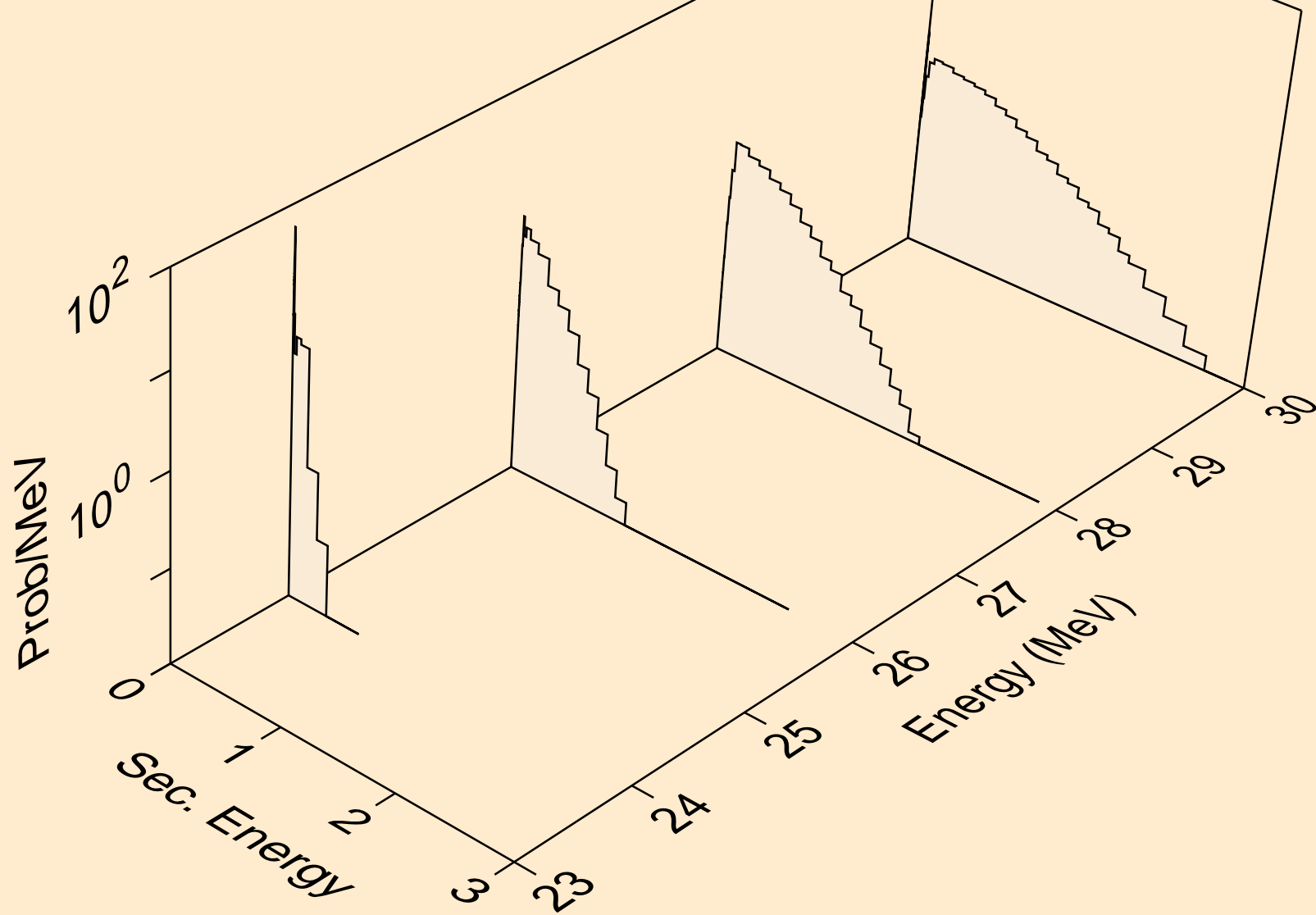
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angular distribution for (n,n\*28)



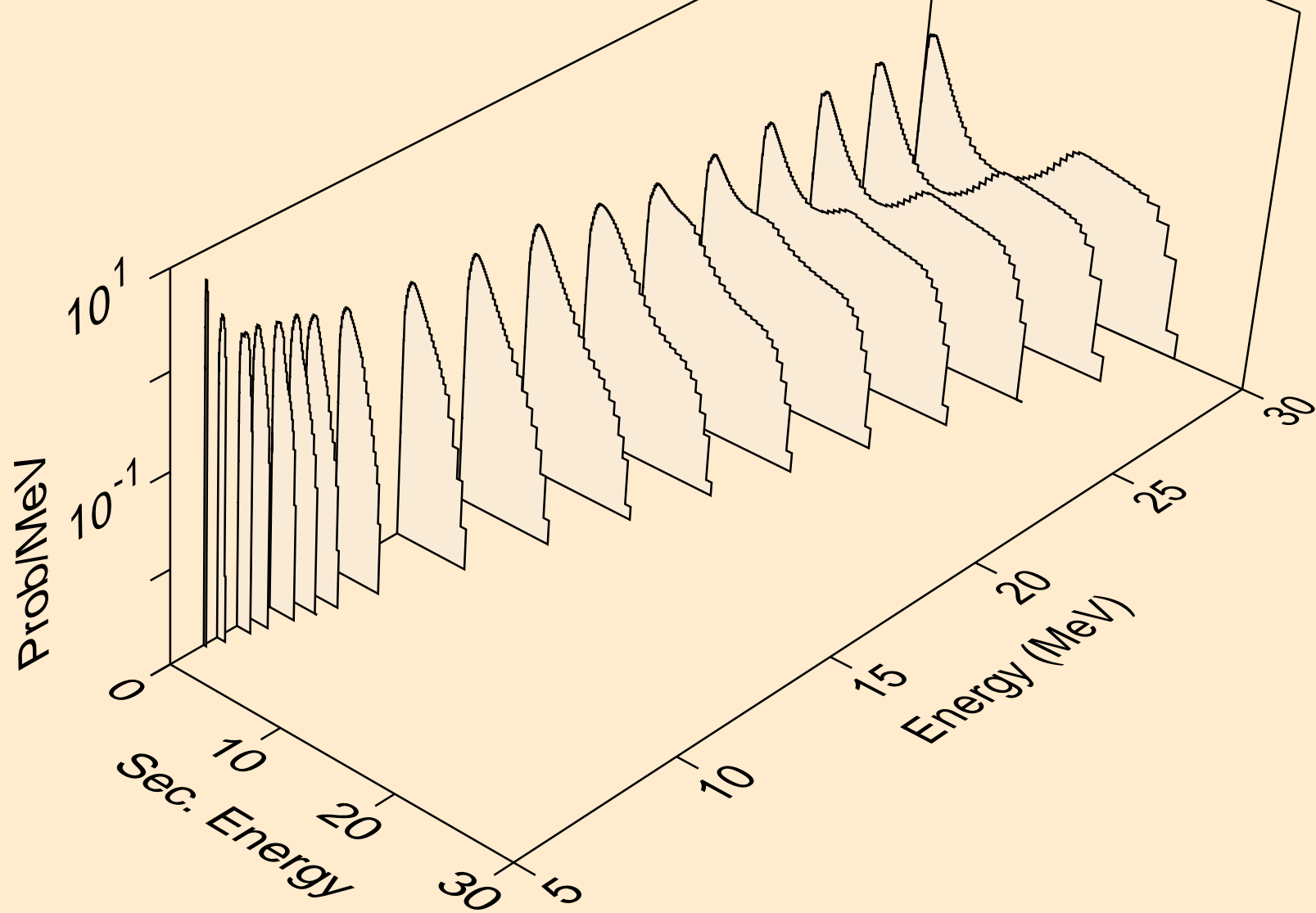
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Neutron emission for (n,x)



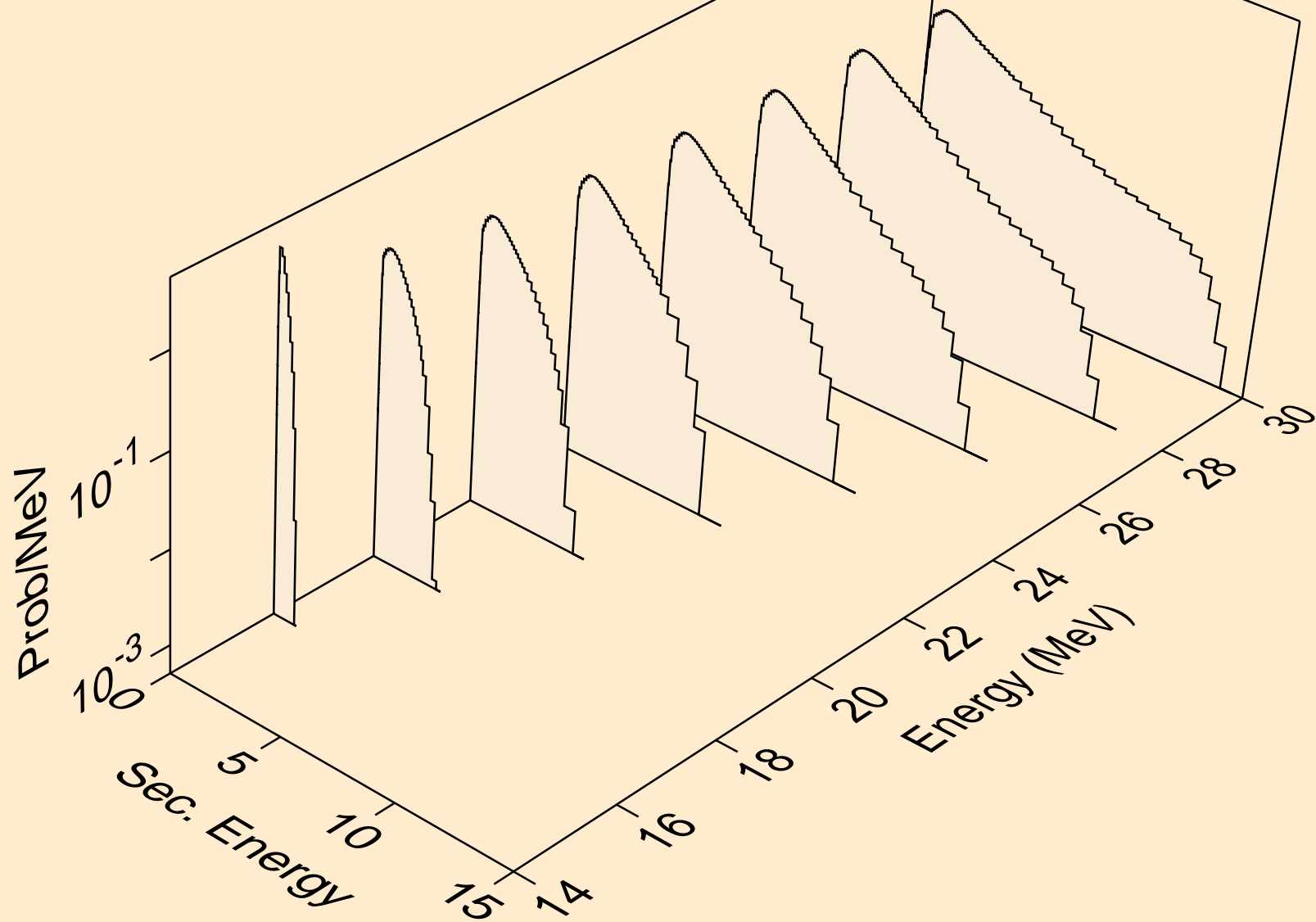
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



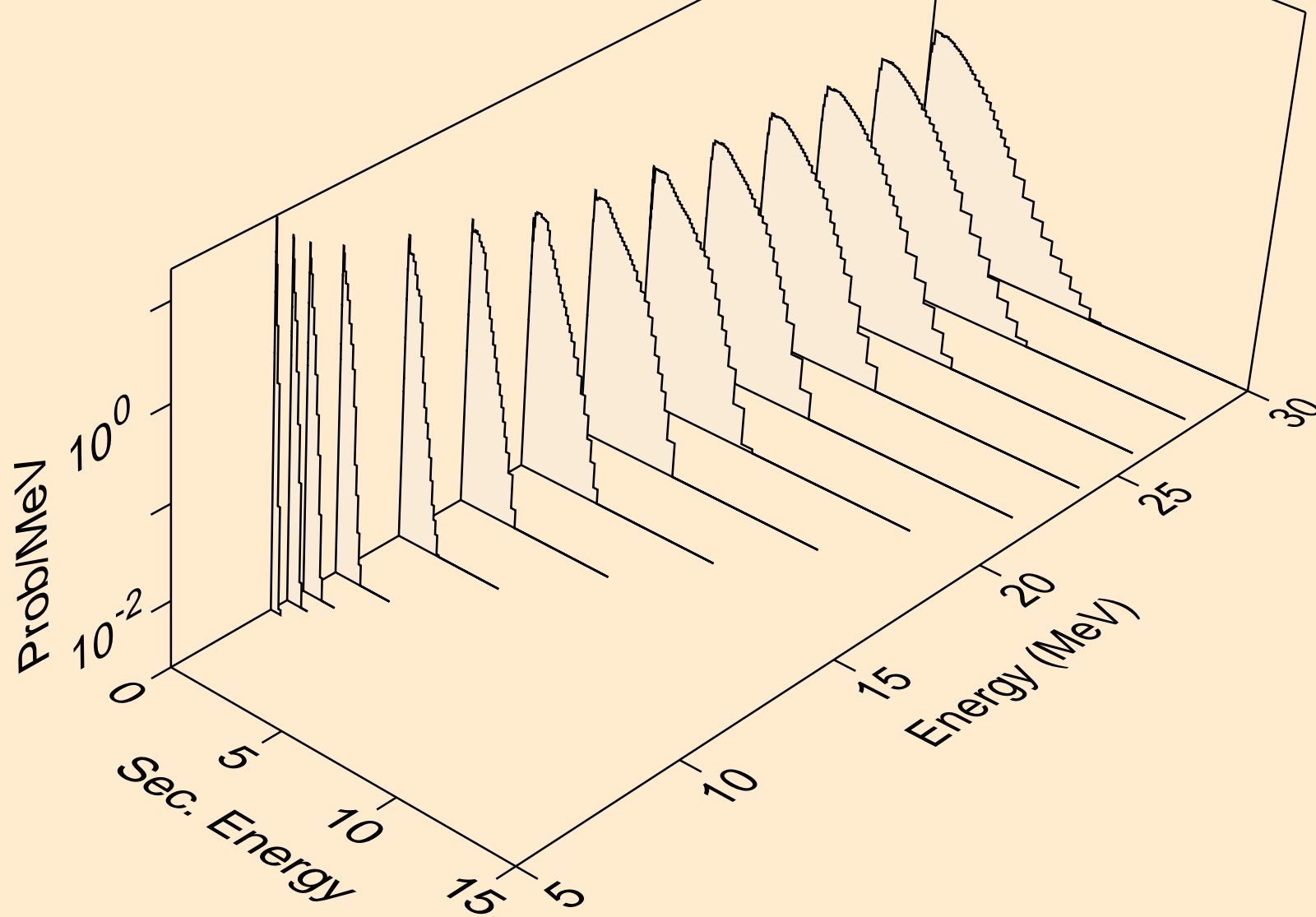
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



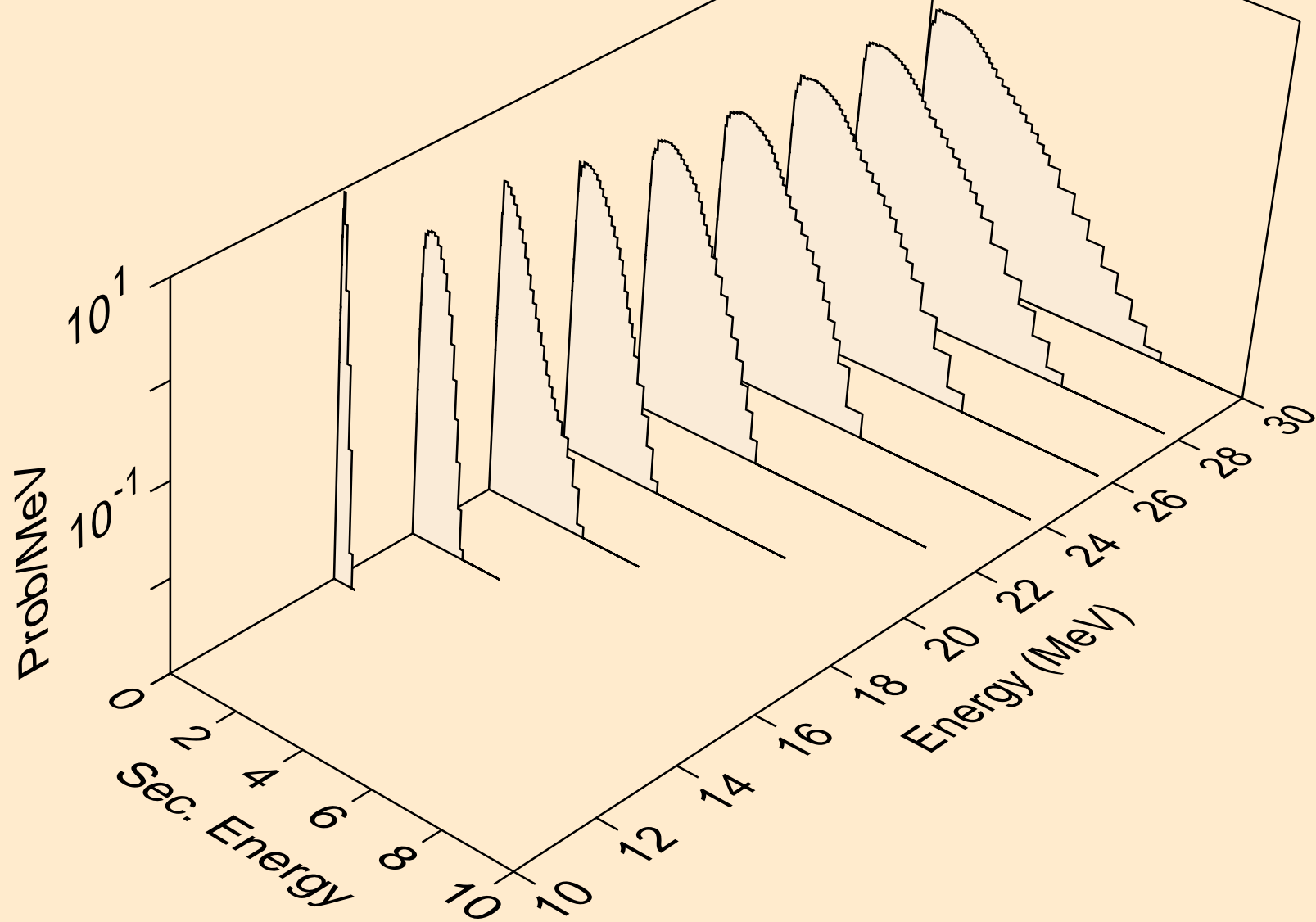
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

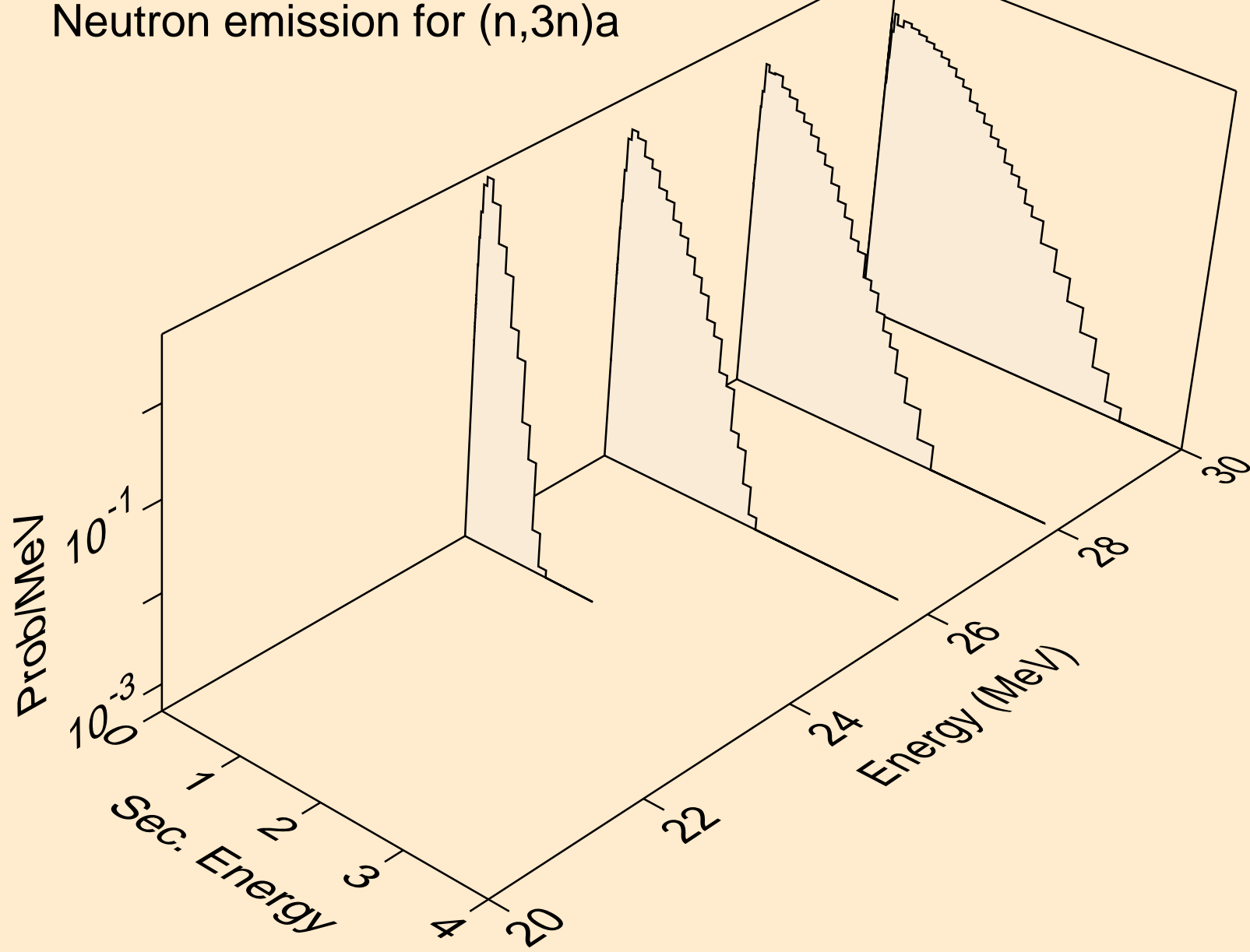


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

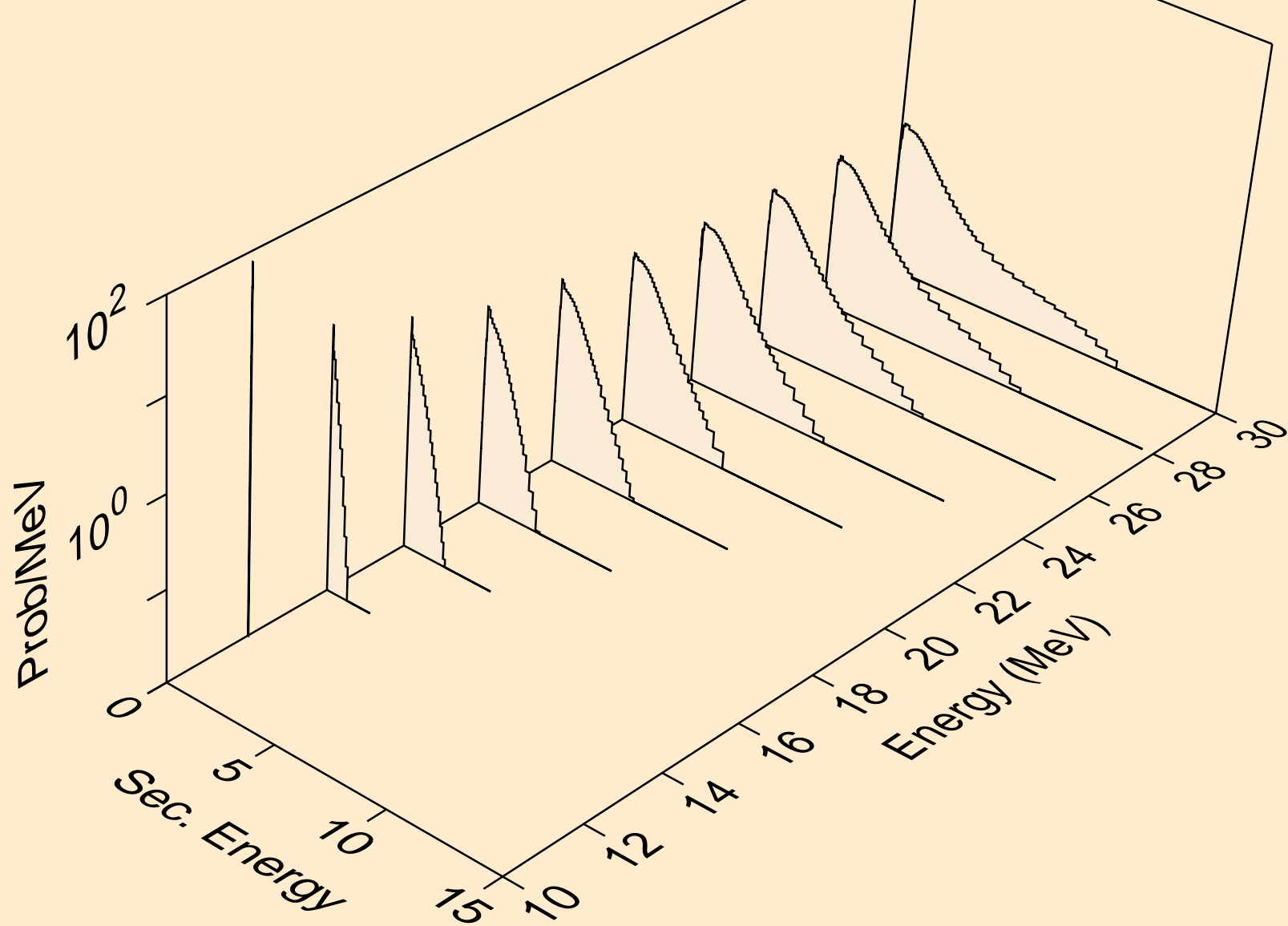




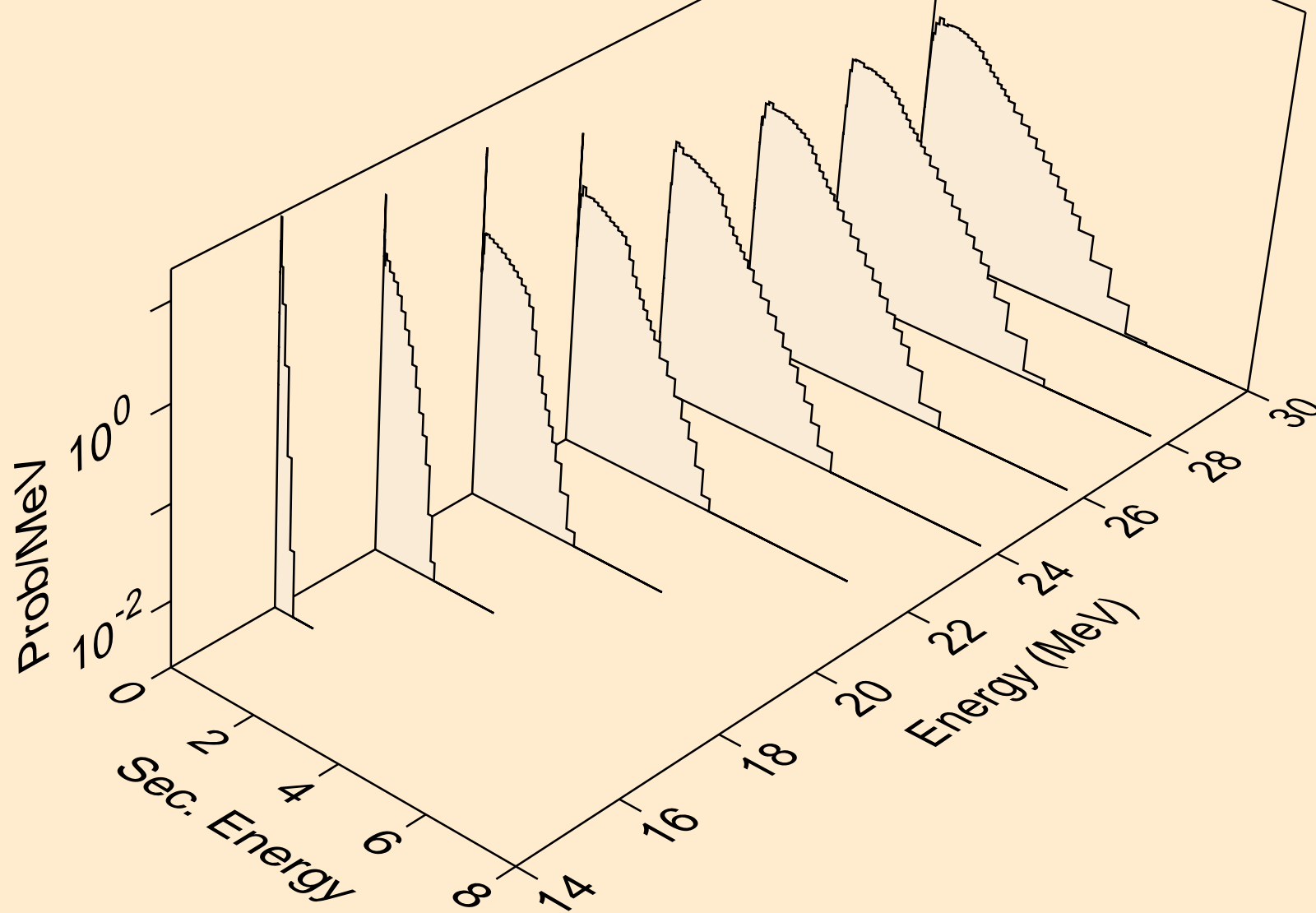
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



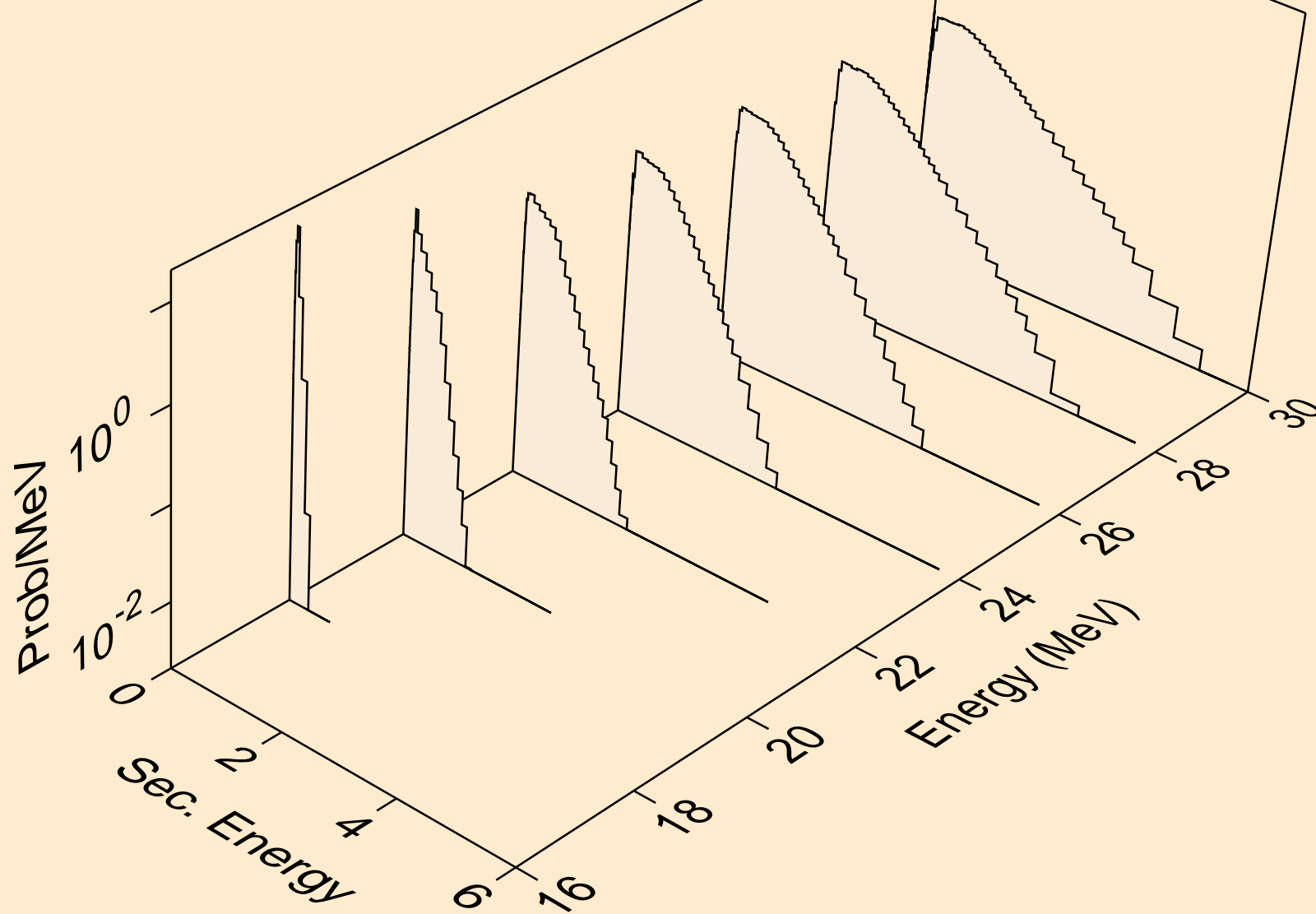
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



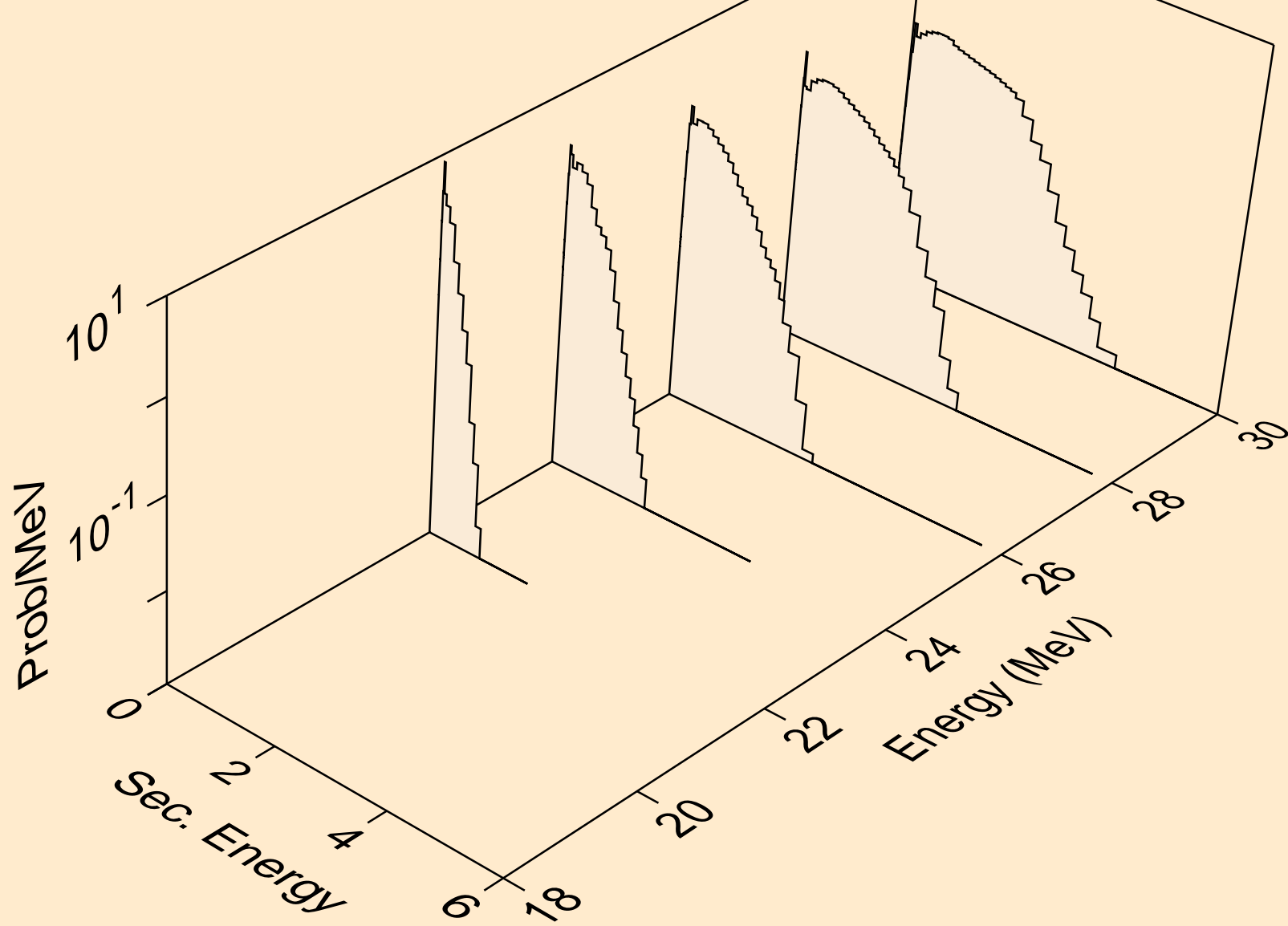
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



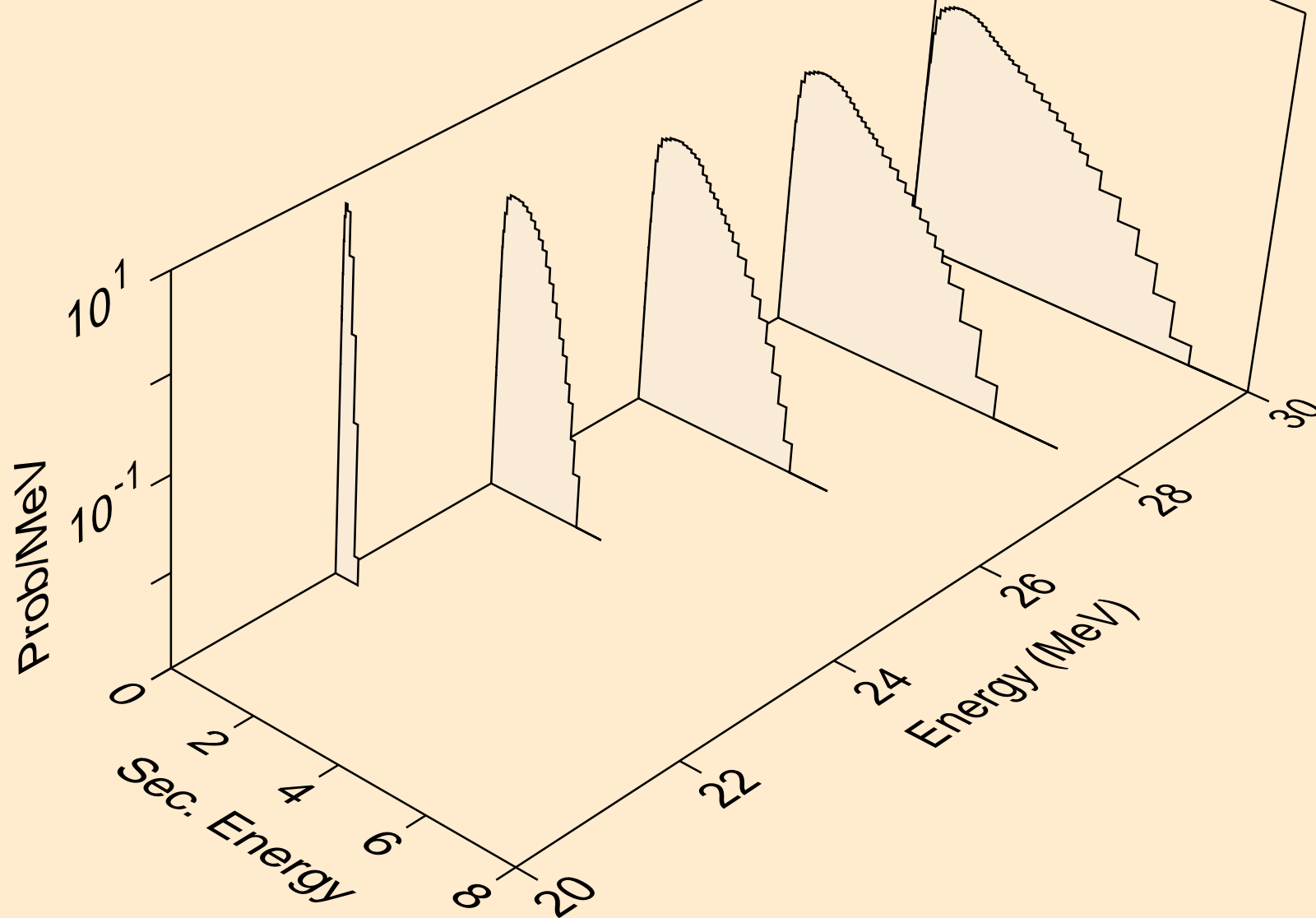
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Neutron emission for (n,n\*)t



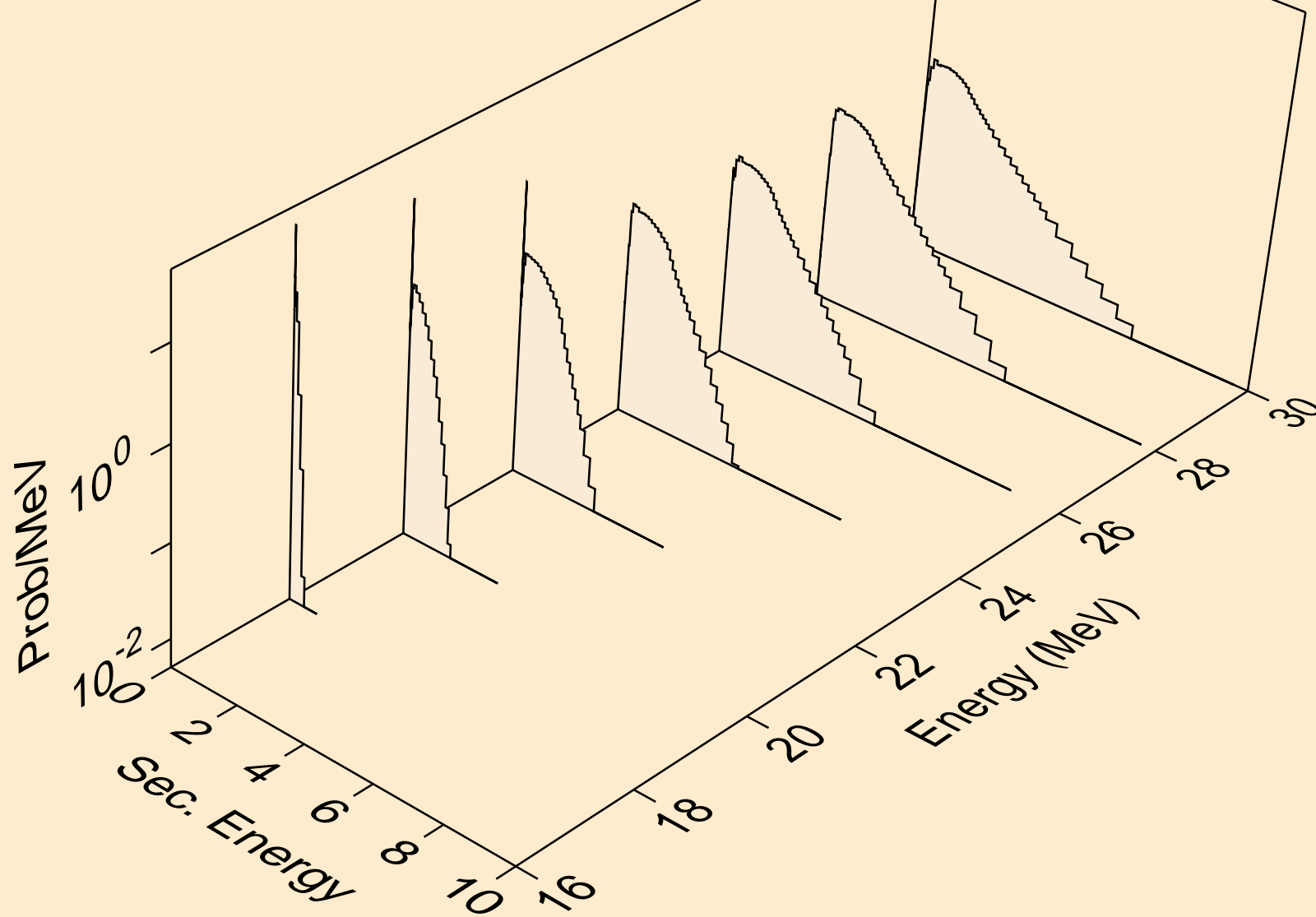
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



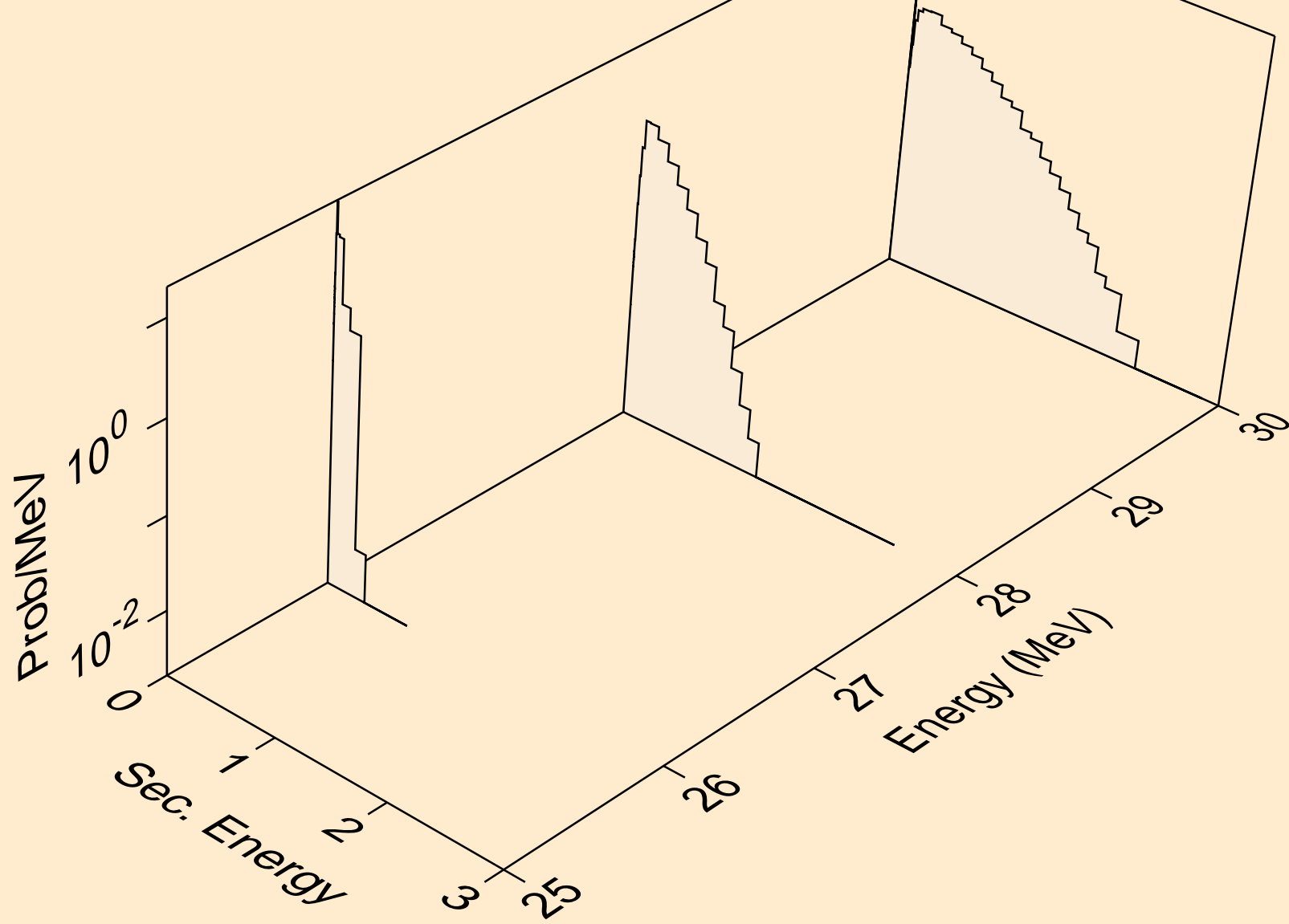
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

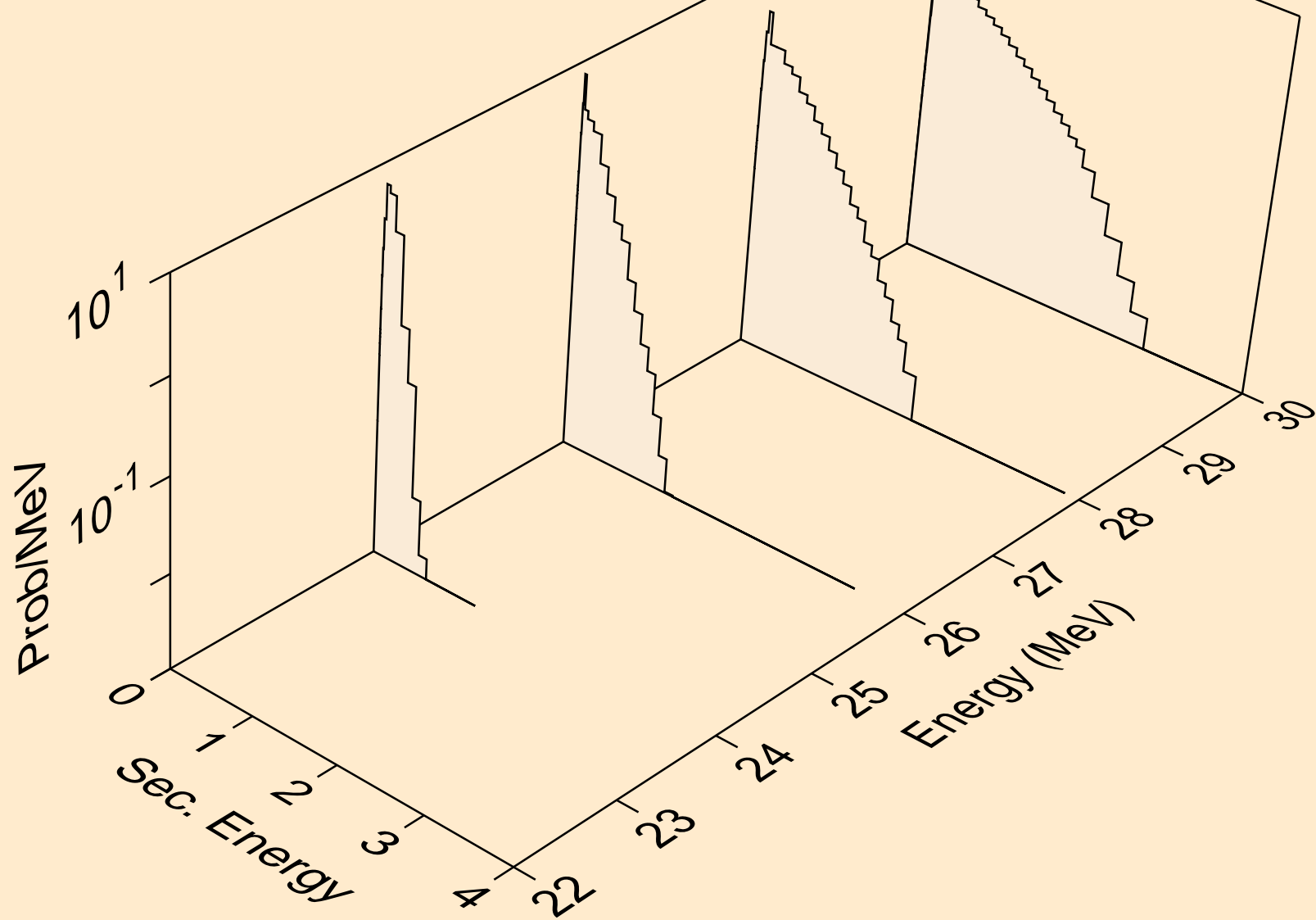


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

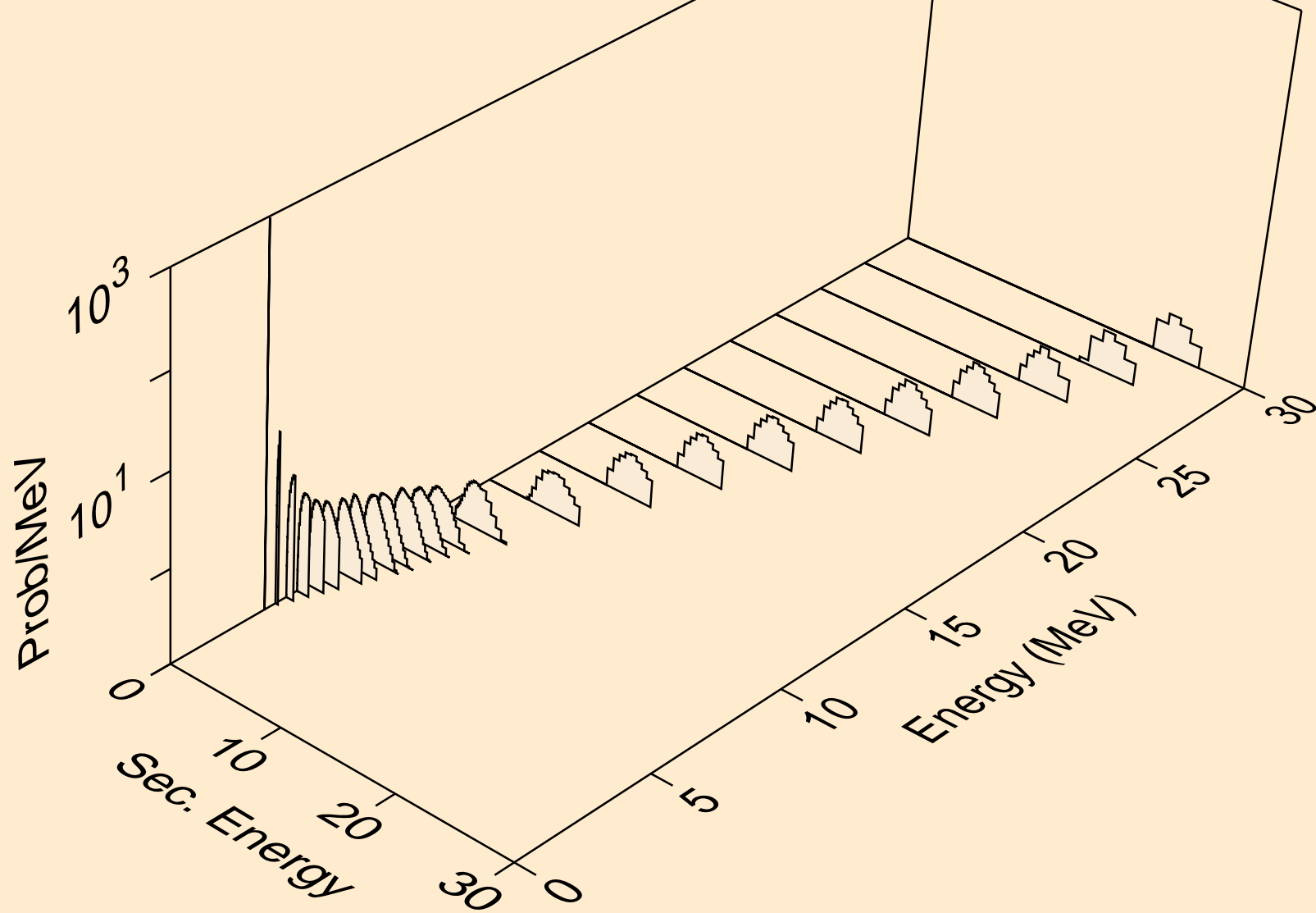




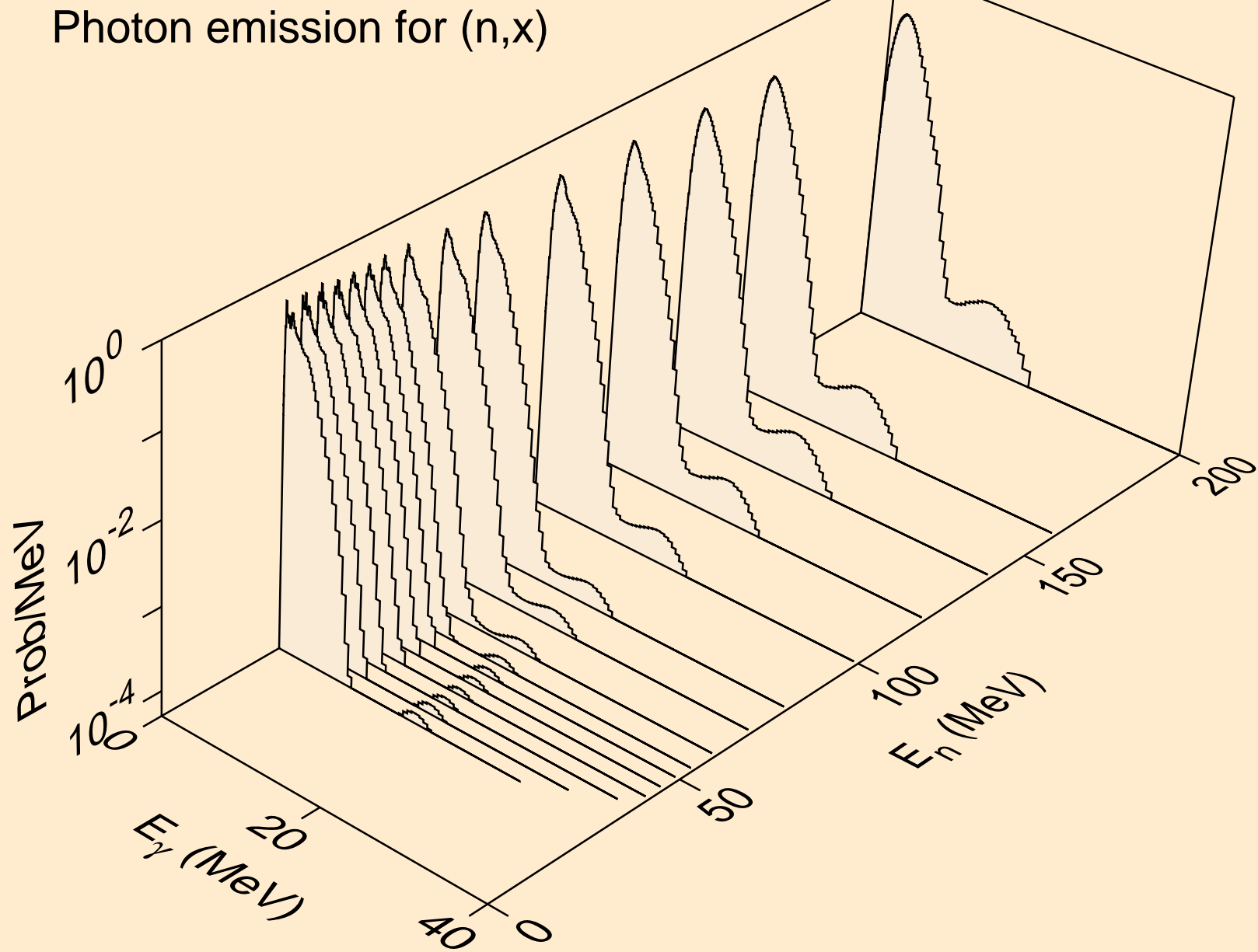
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



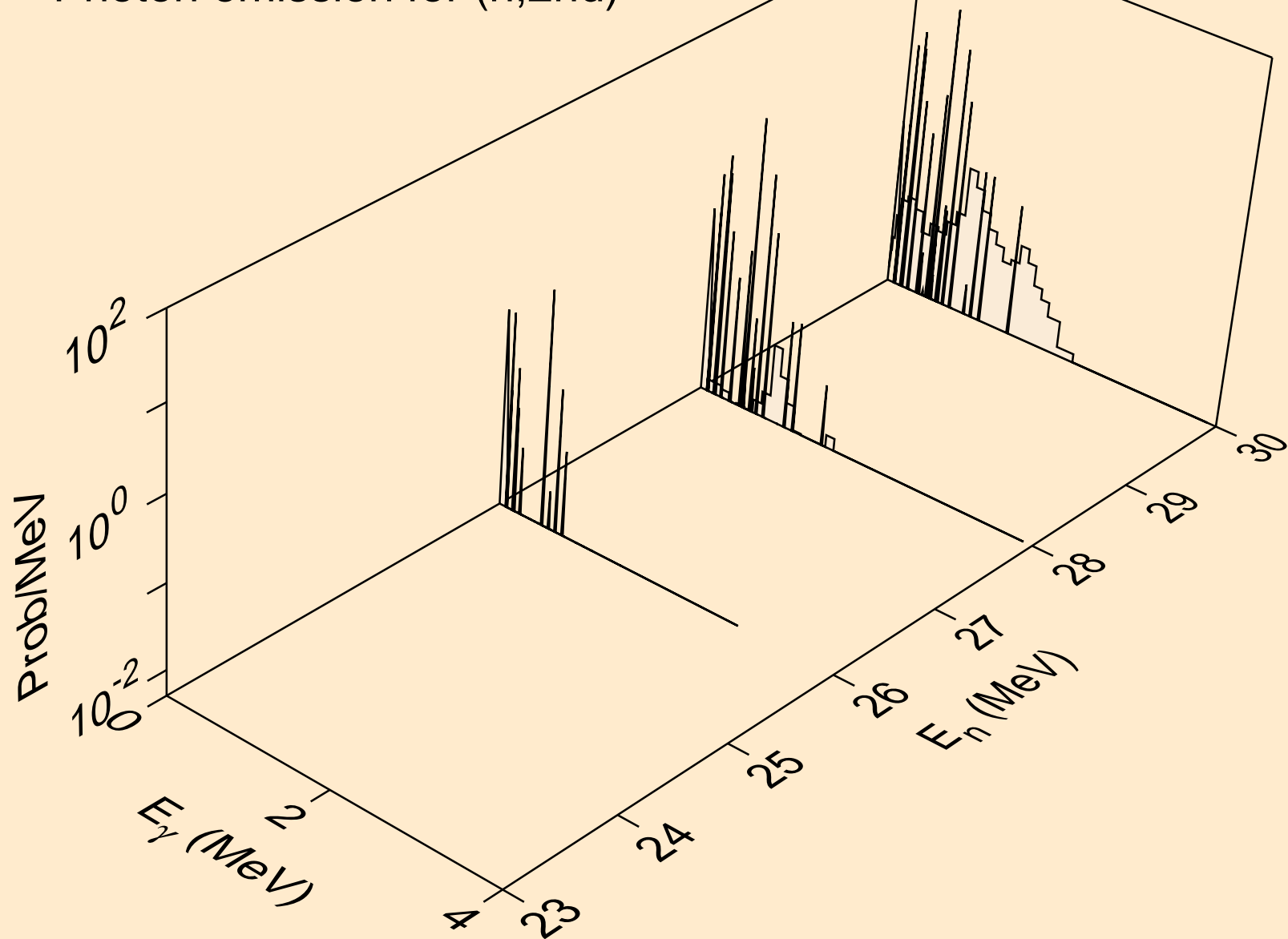
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



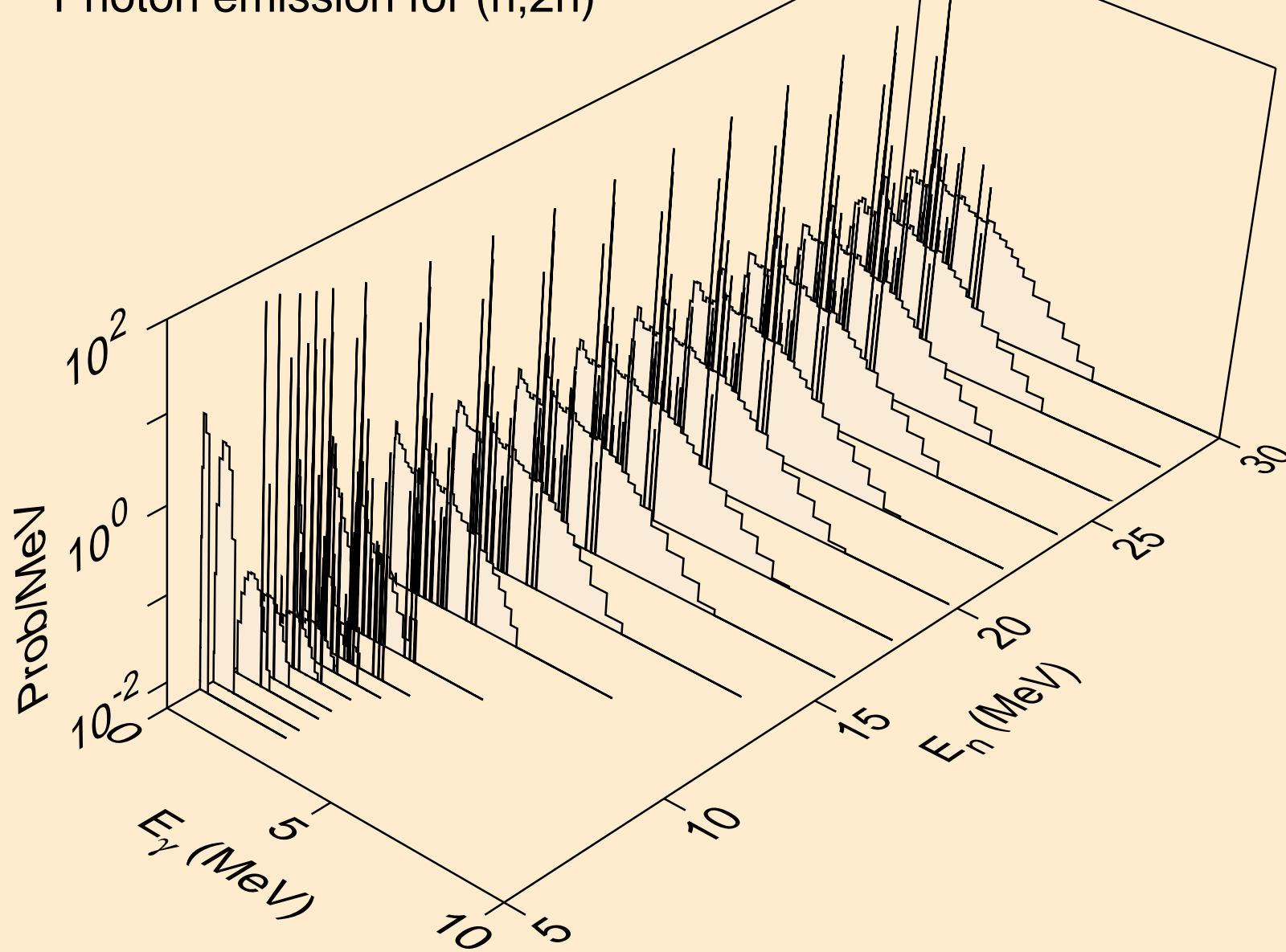
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Photon emission for (n,x)



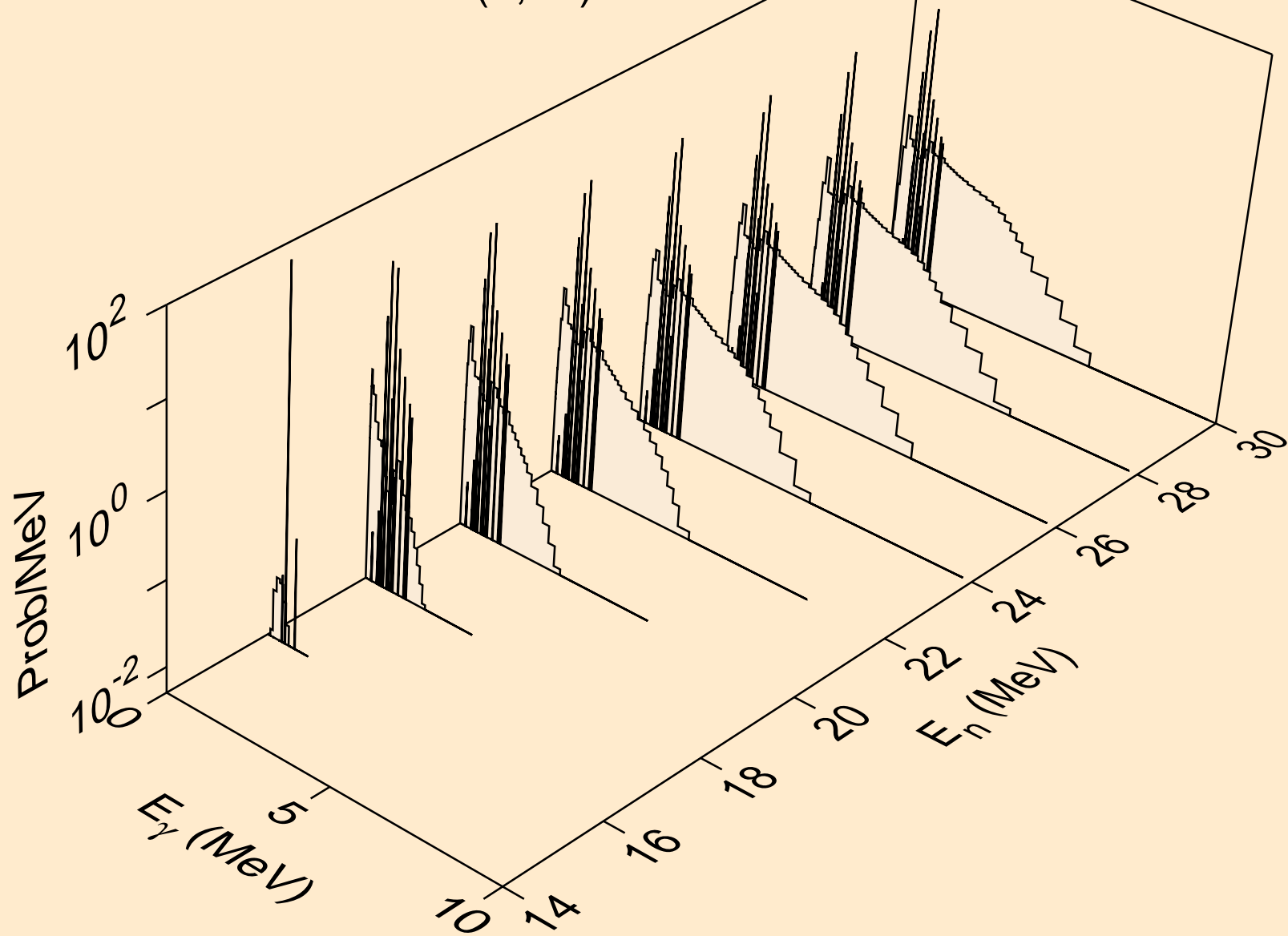
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Photon emission for (n,2nd)



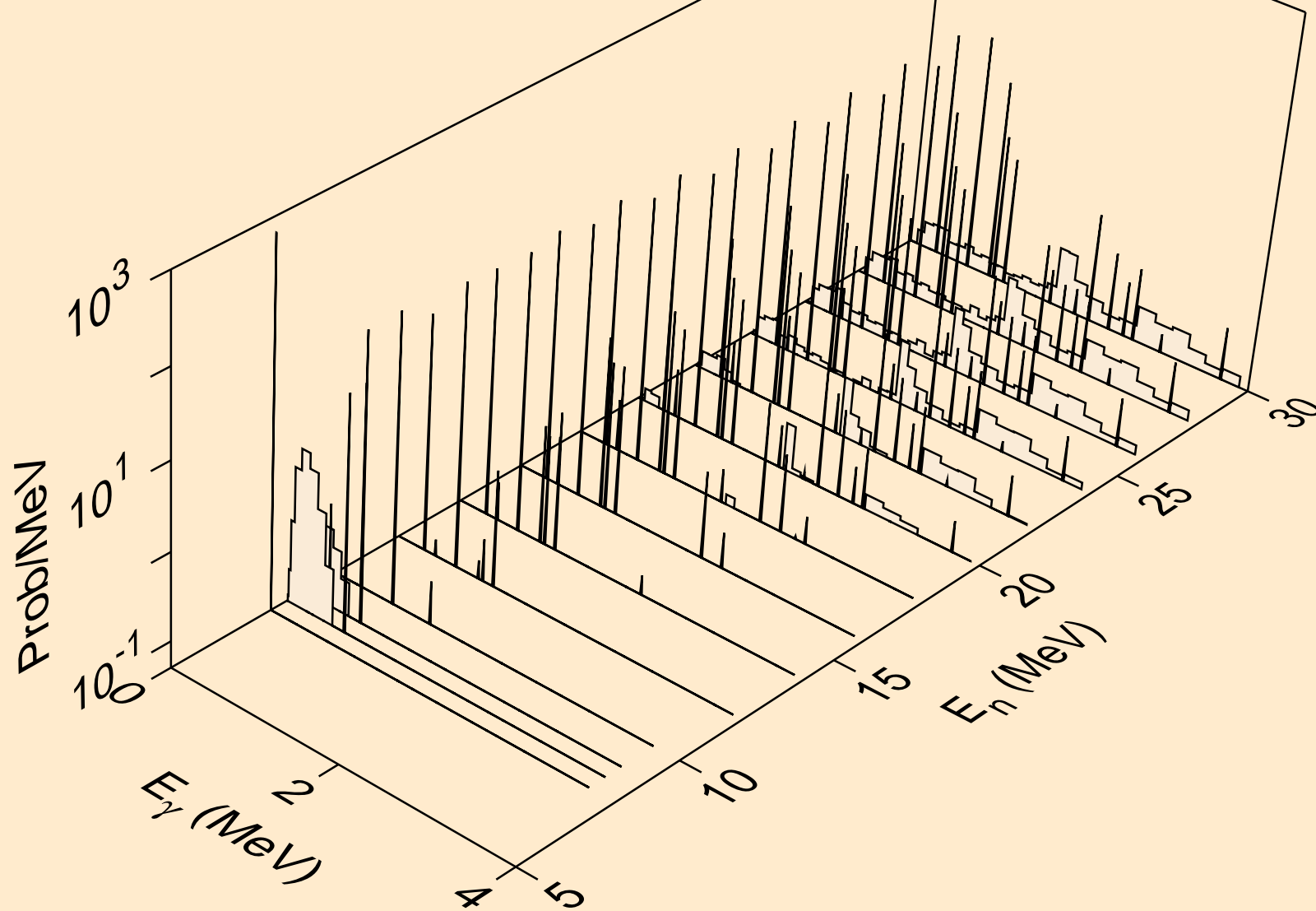
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Photon emission for (n,2n)



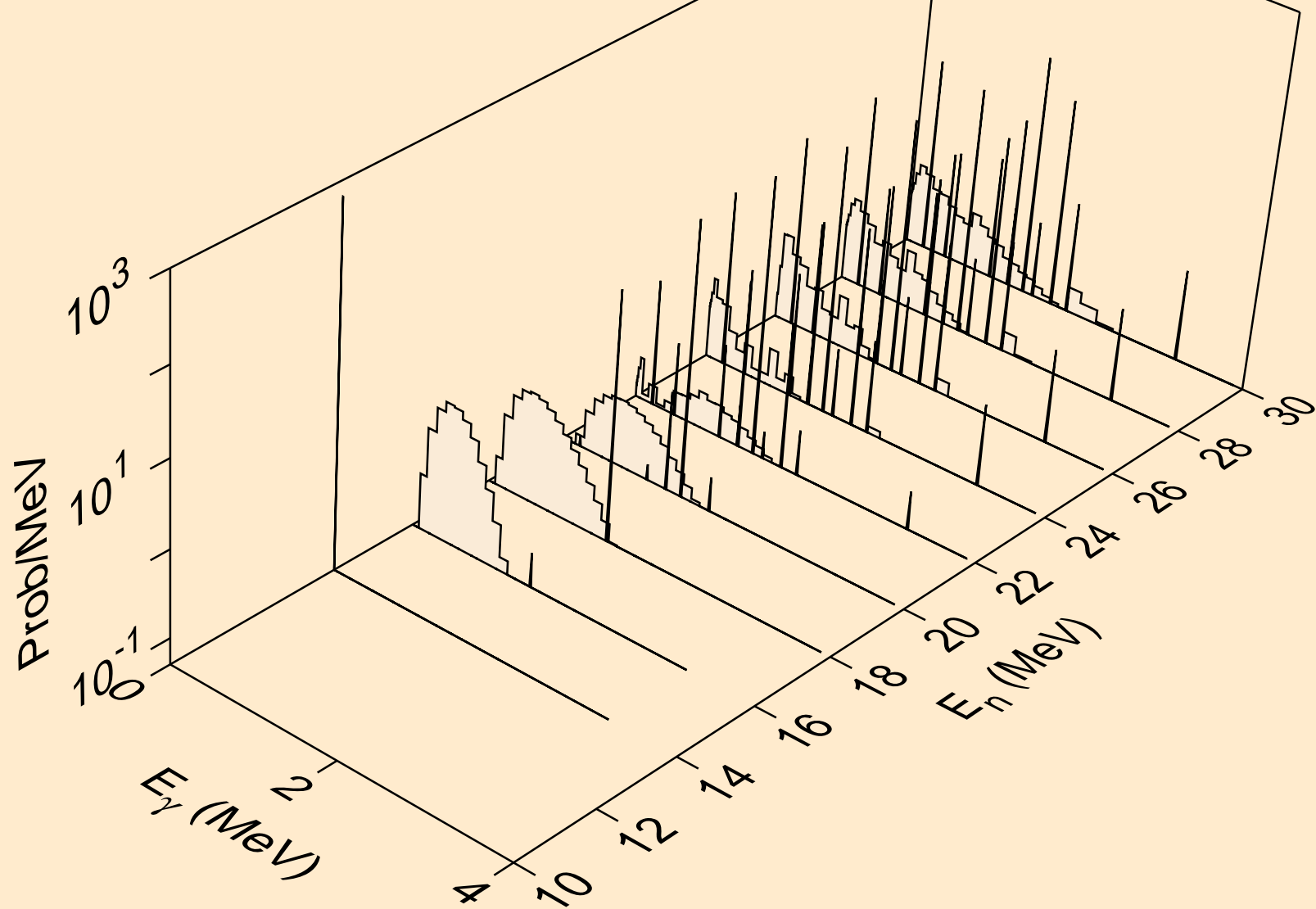
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Photon emission for (n,3n)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

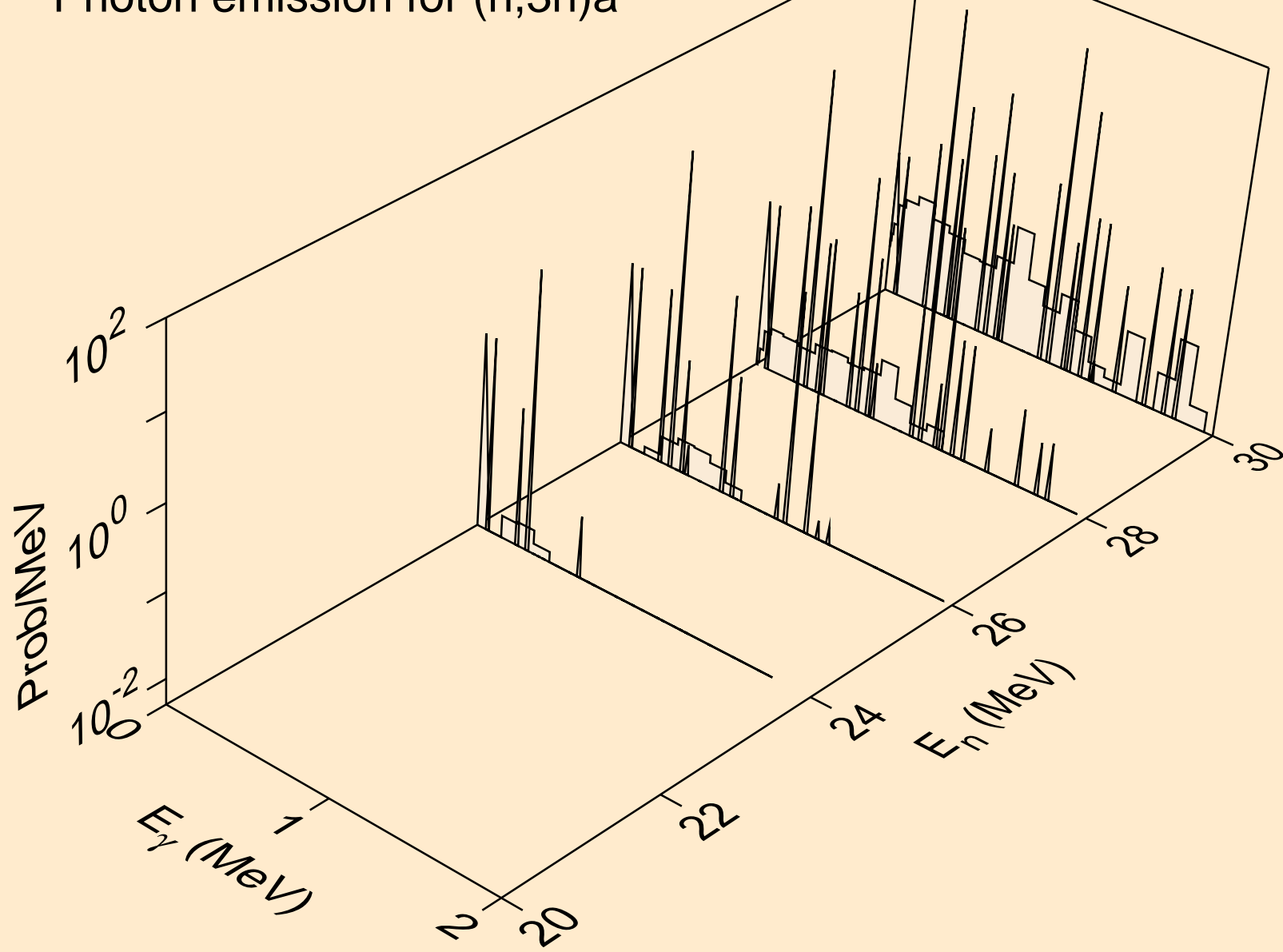


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Photon emission for (n,2n)a

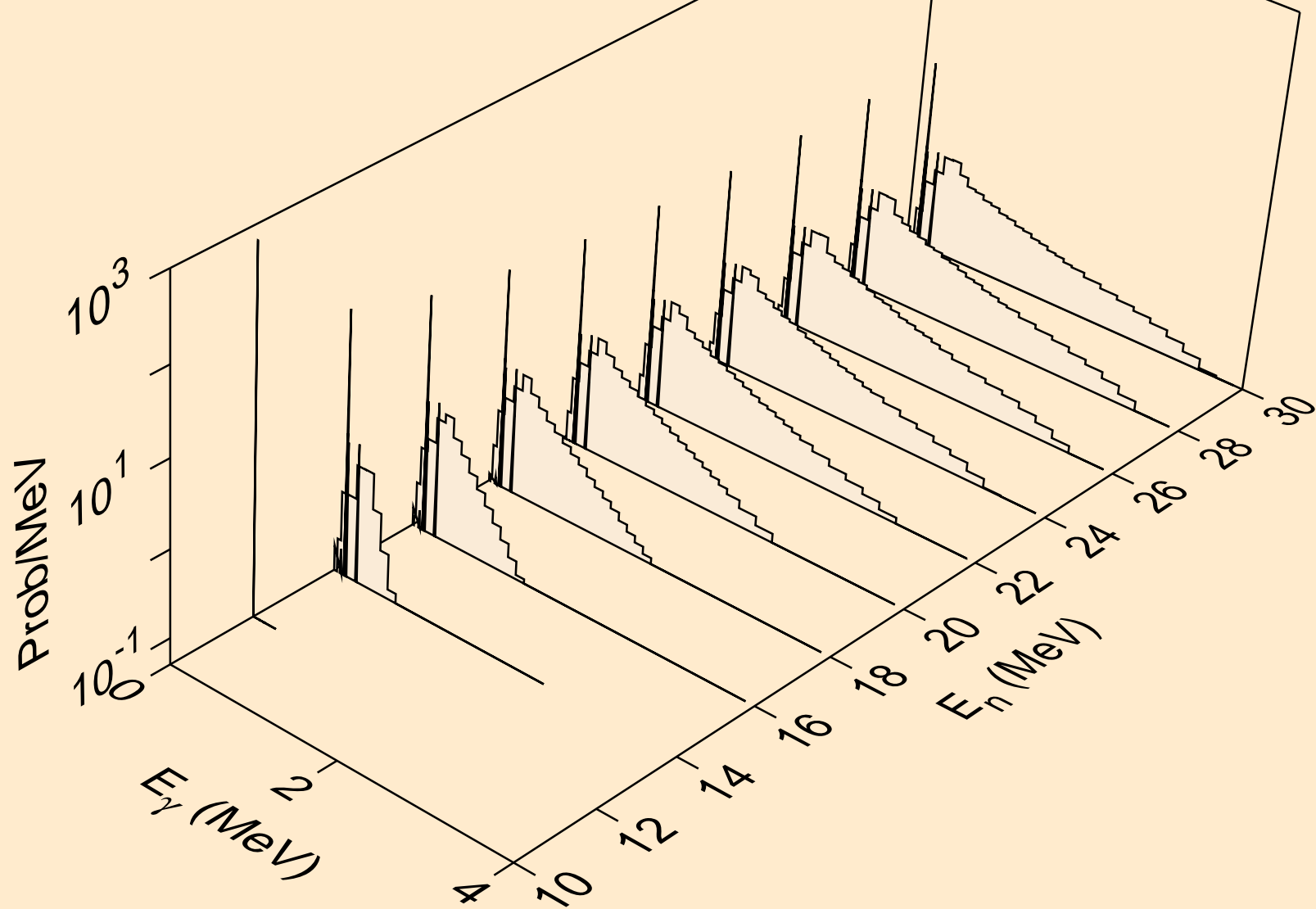




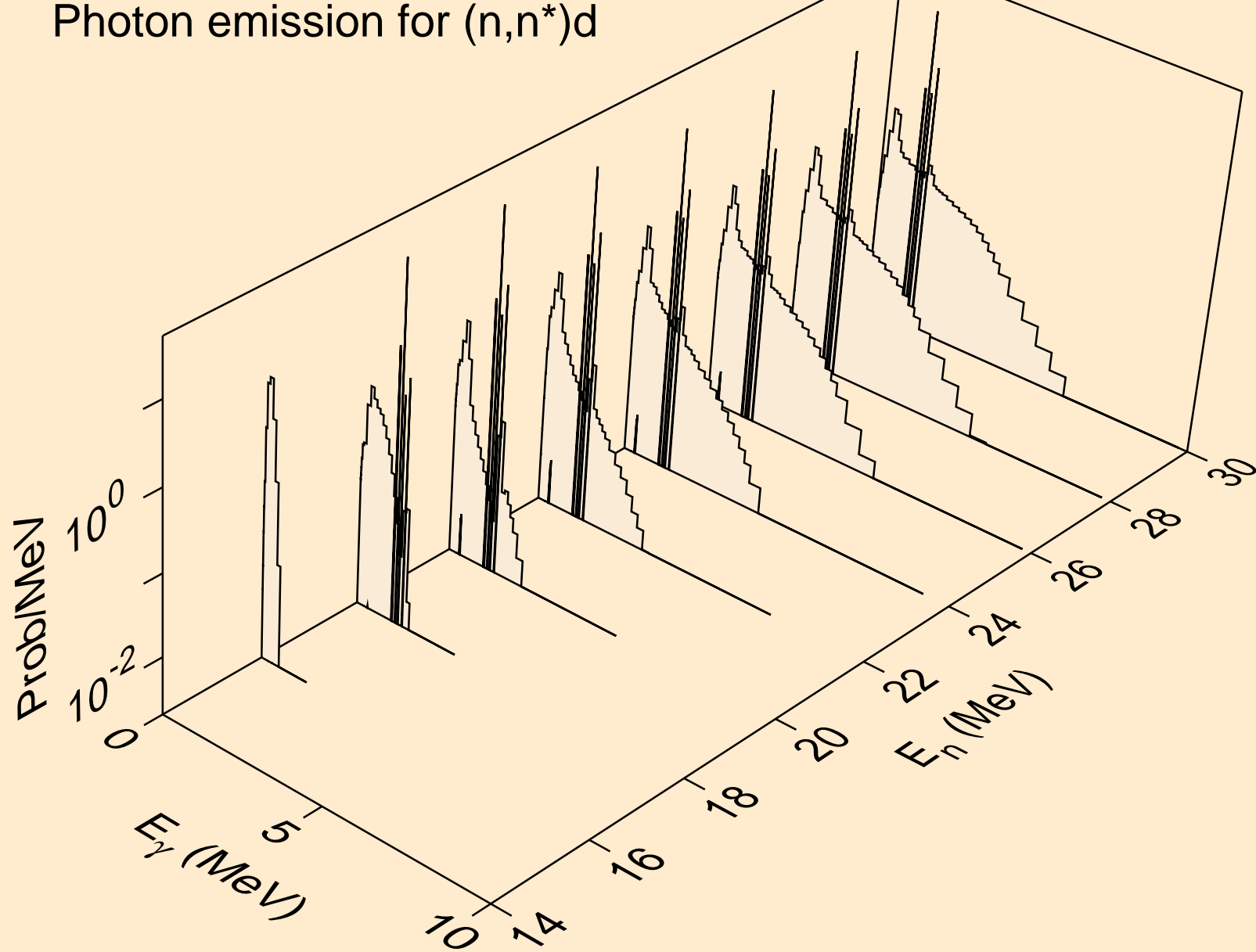
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Photon emission for (n,3n)a



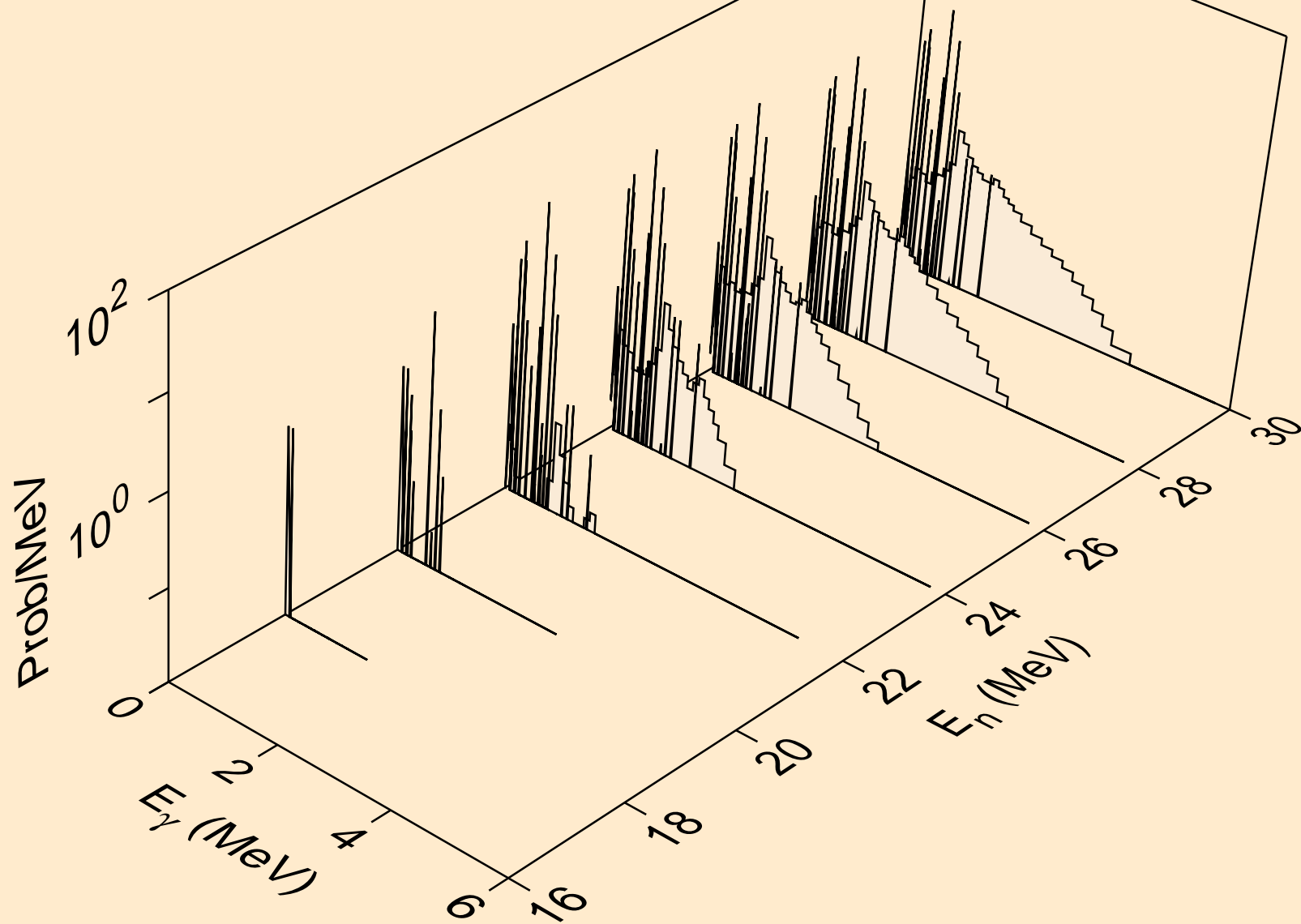
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Photon emission for (n,n\*)p



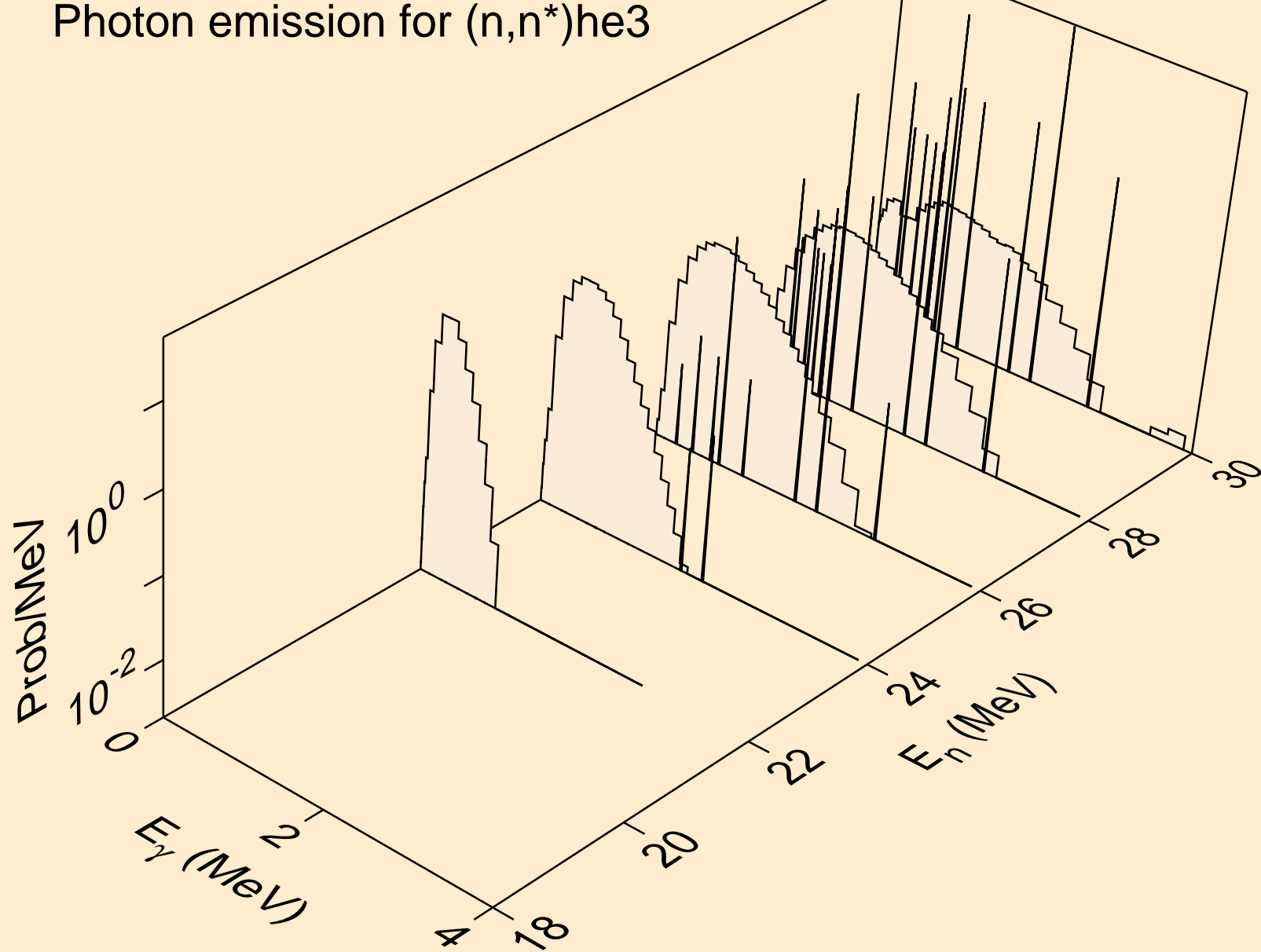
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Photon emission for (n,n\*)d



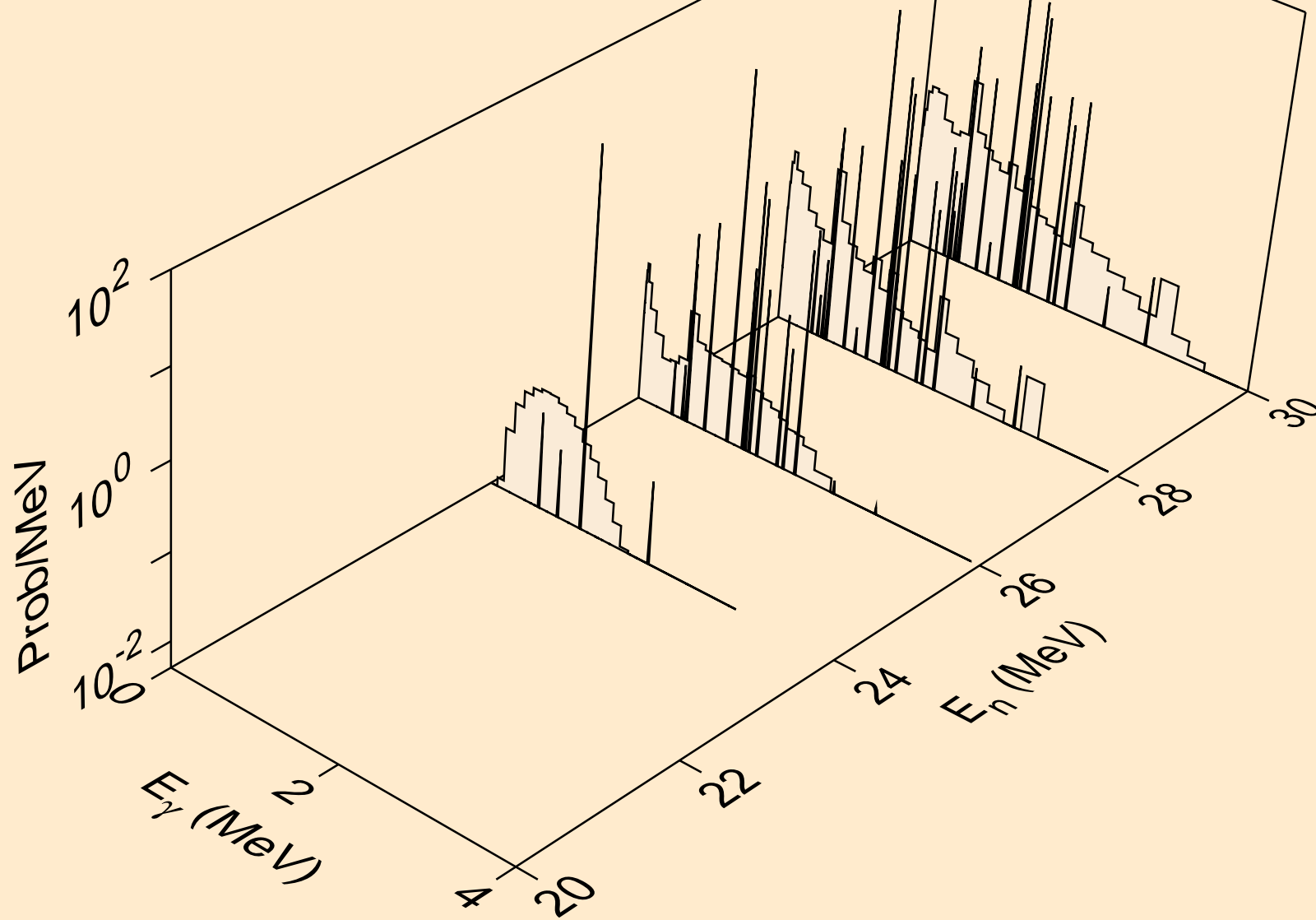
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Photon emission for (n,n\*)t



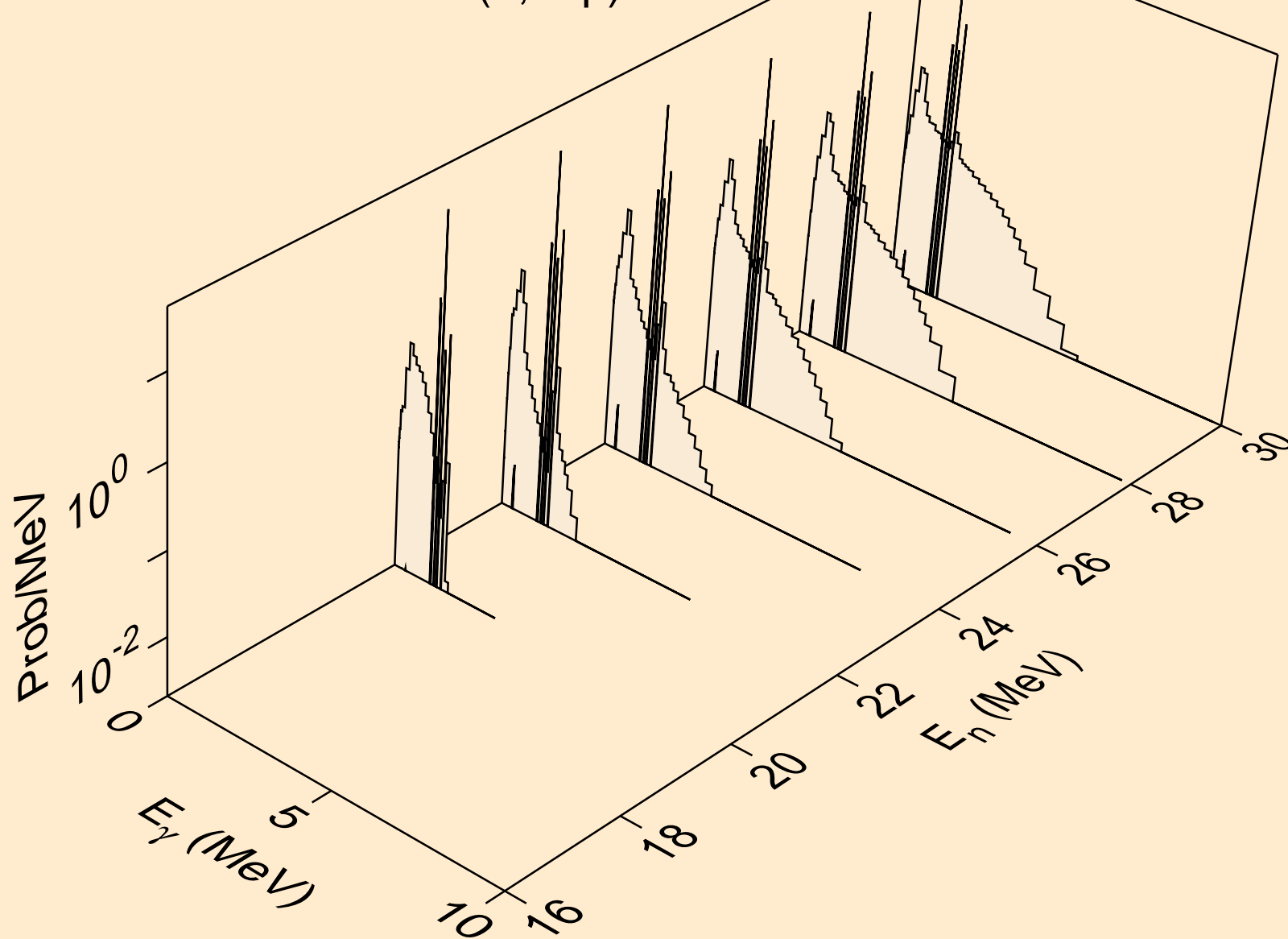
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Photon emission for (n,n\*)he3



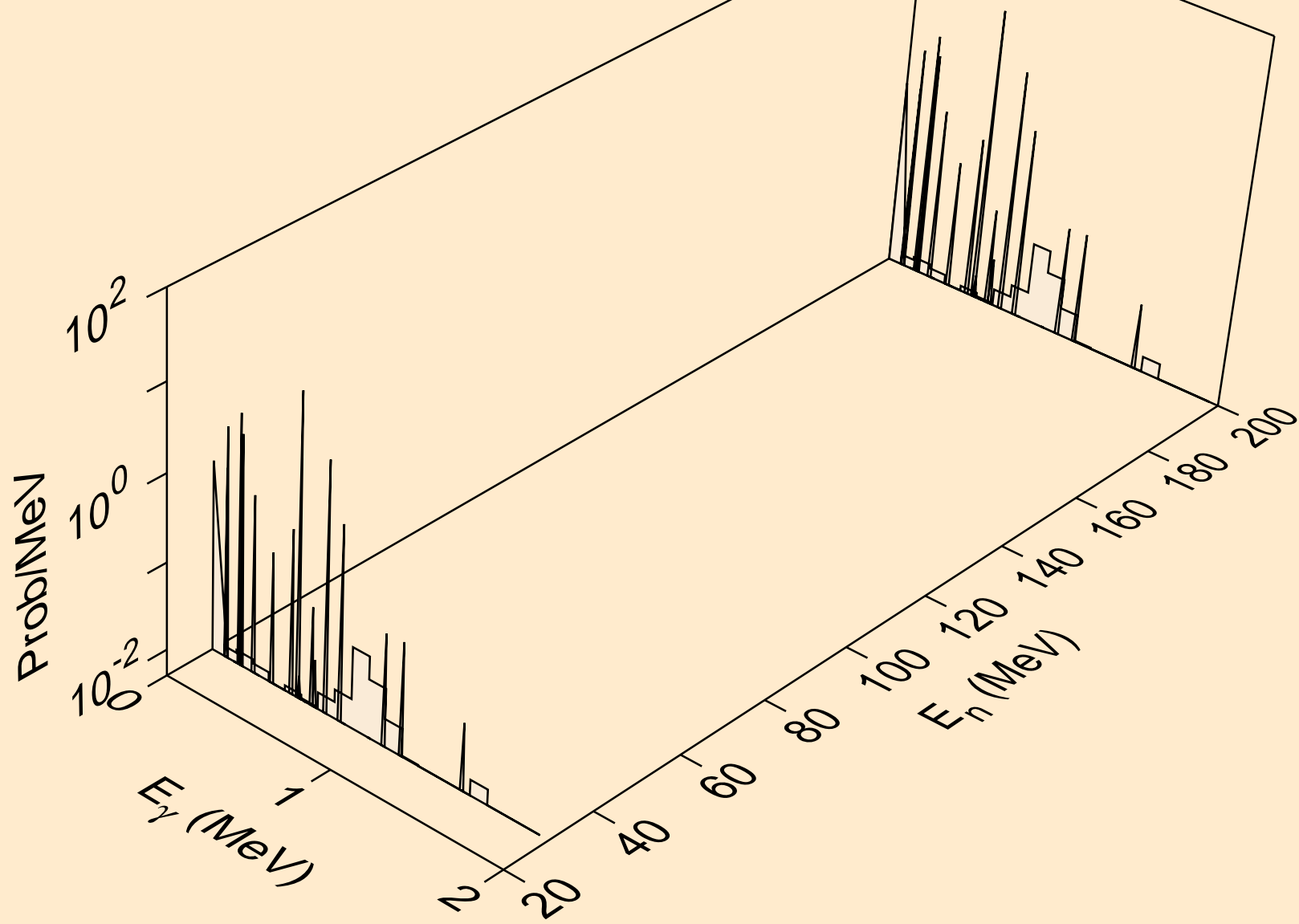
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Photon emission for (n,4n)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

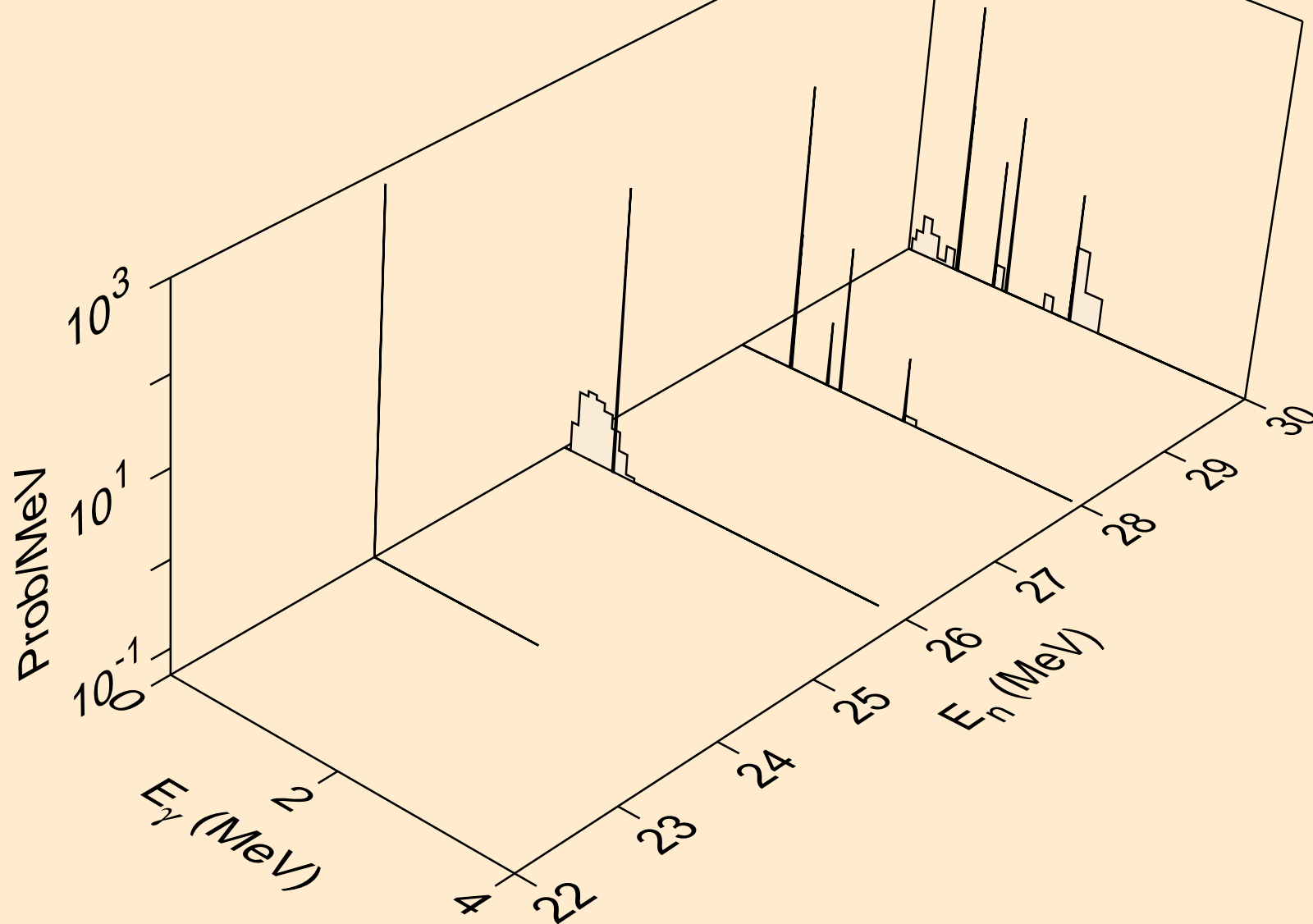


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Photon emission for (n,3np)

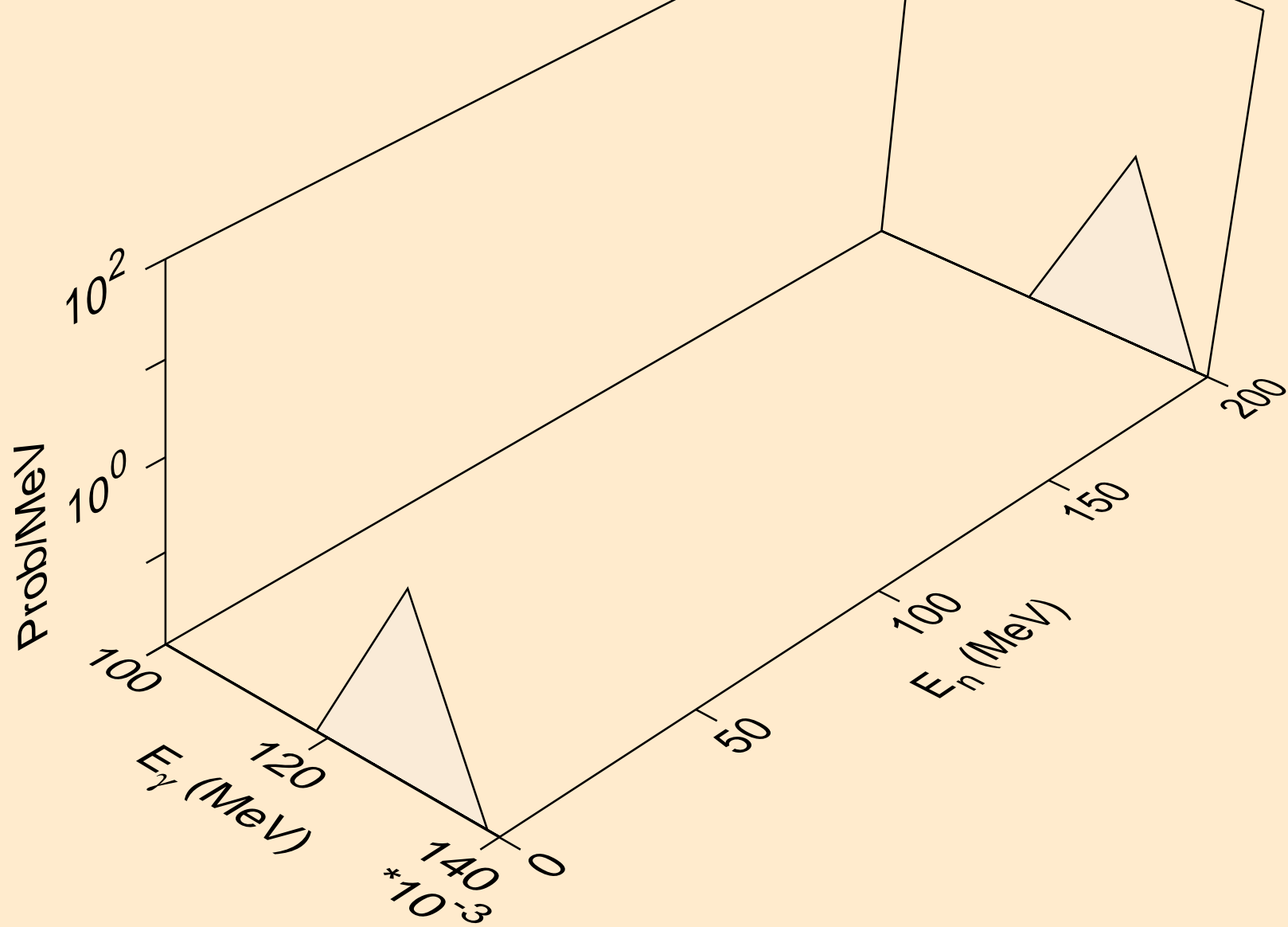




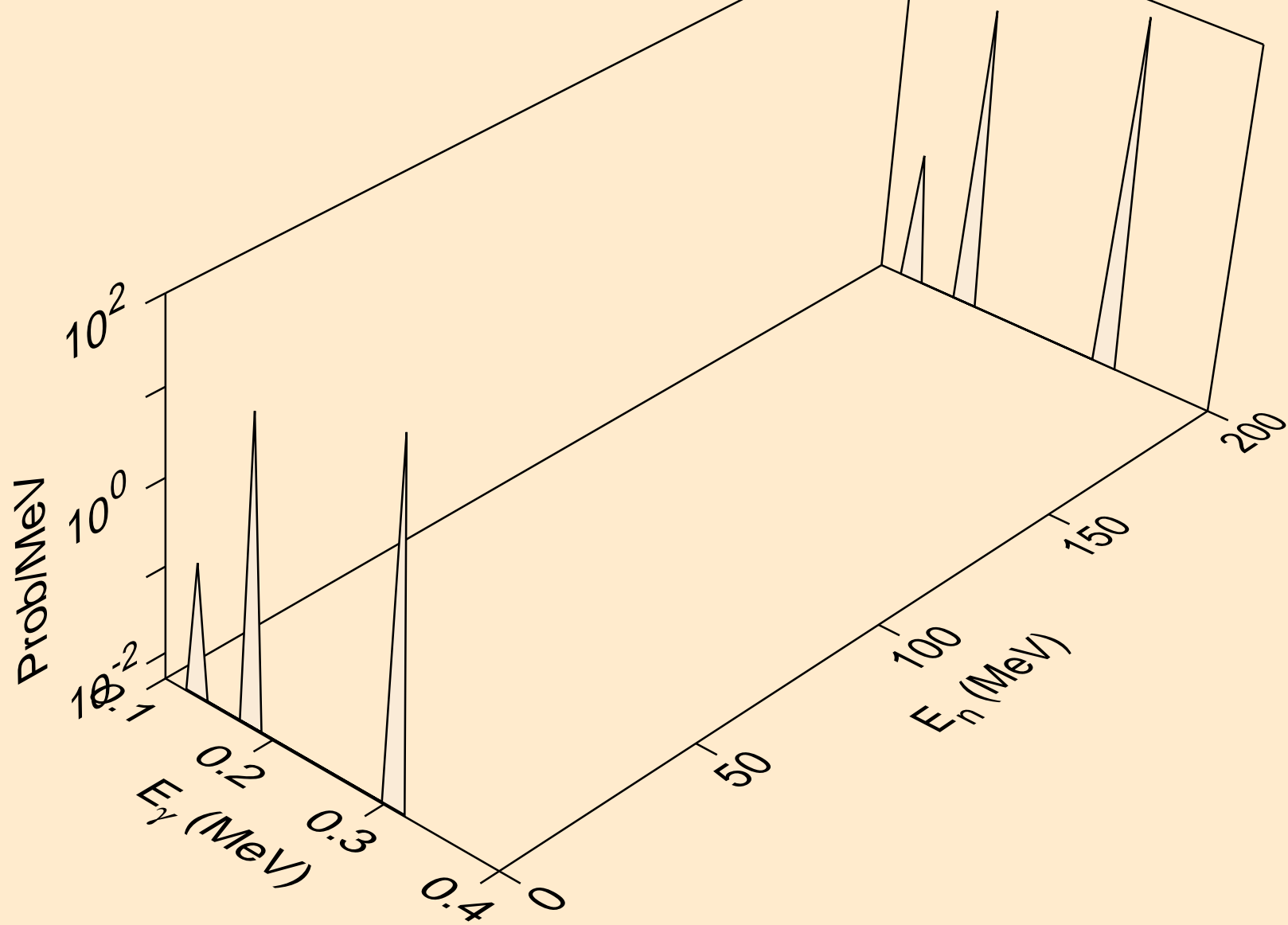
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Photon emission for (n,n2p)



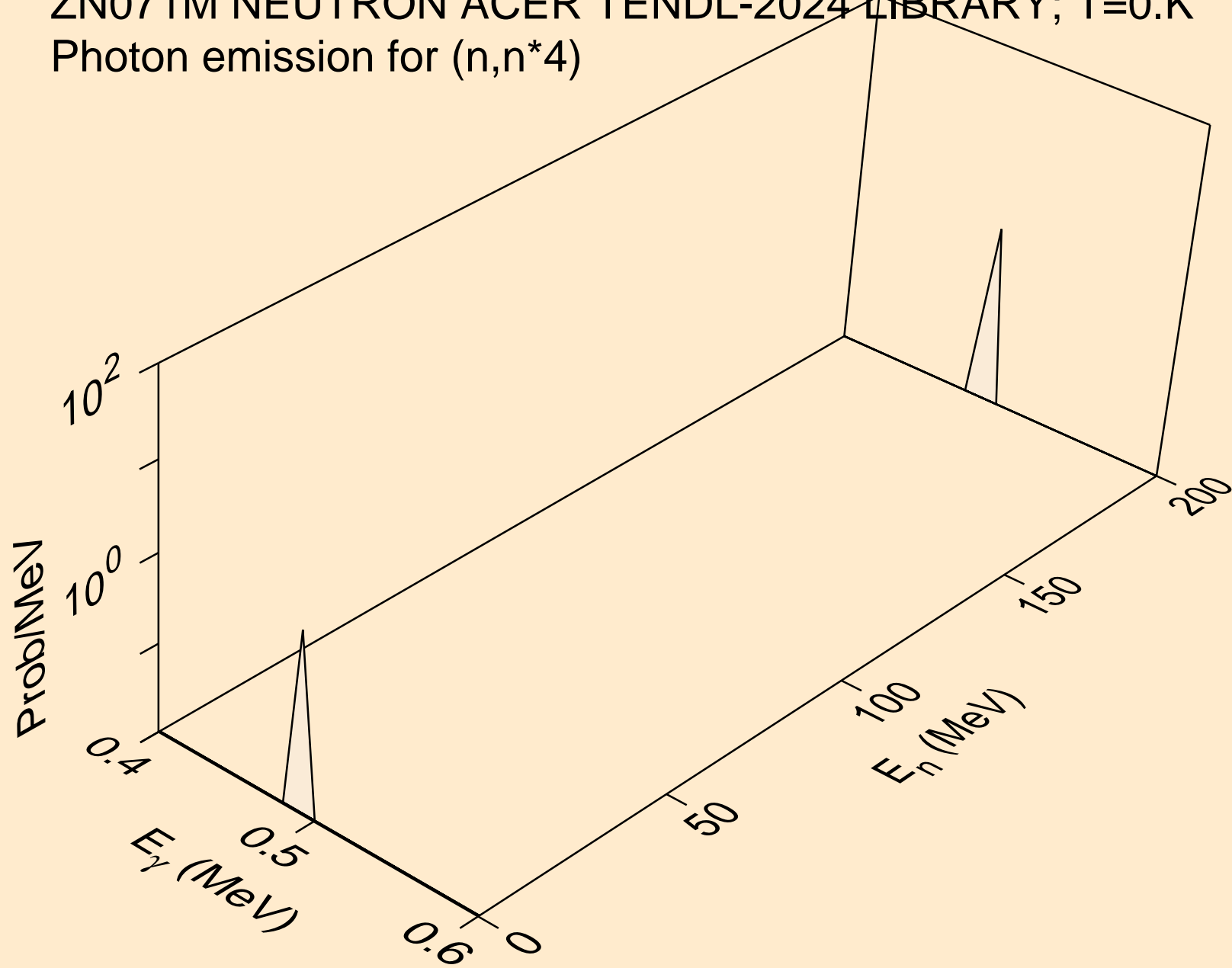
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Photon emission for (n,n\*2)



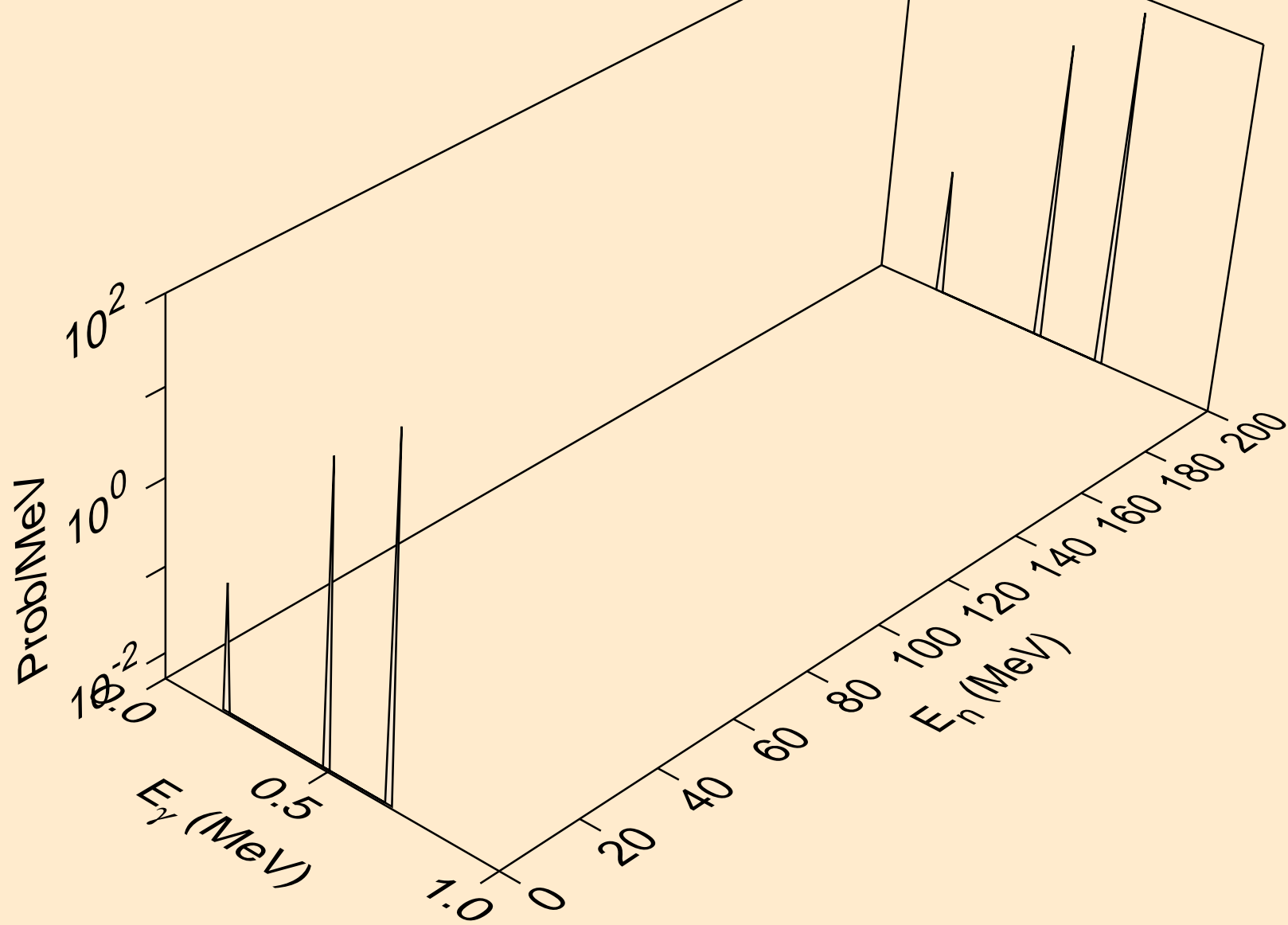
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Photon emission for (n,n\*3)



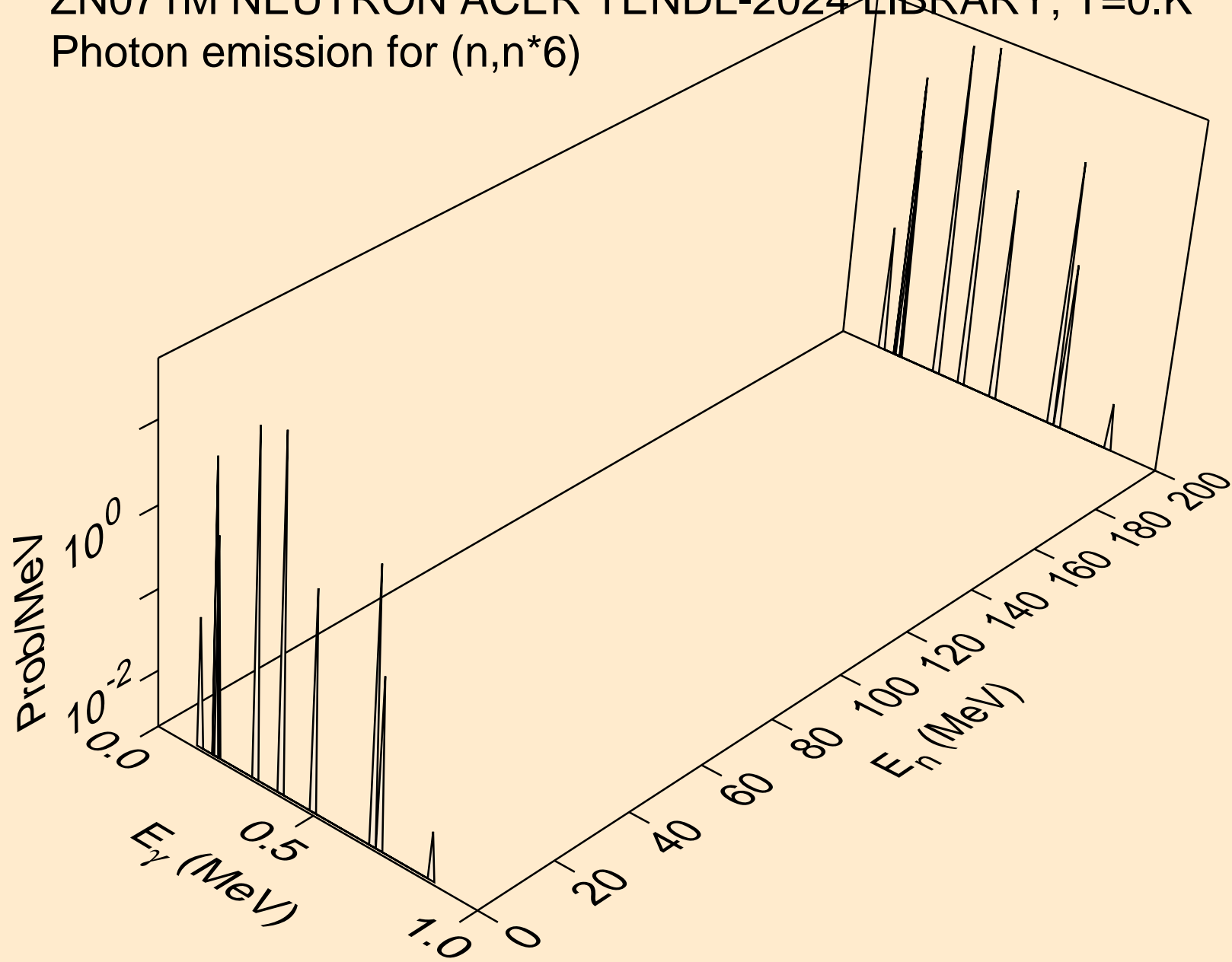
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Photon emission for (n,n\*4)



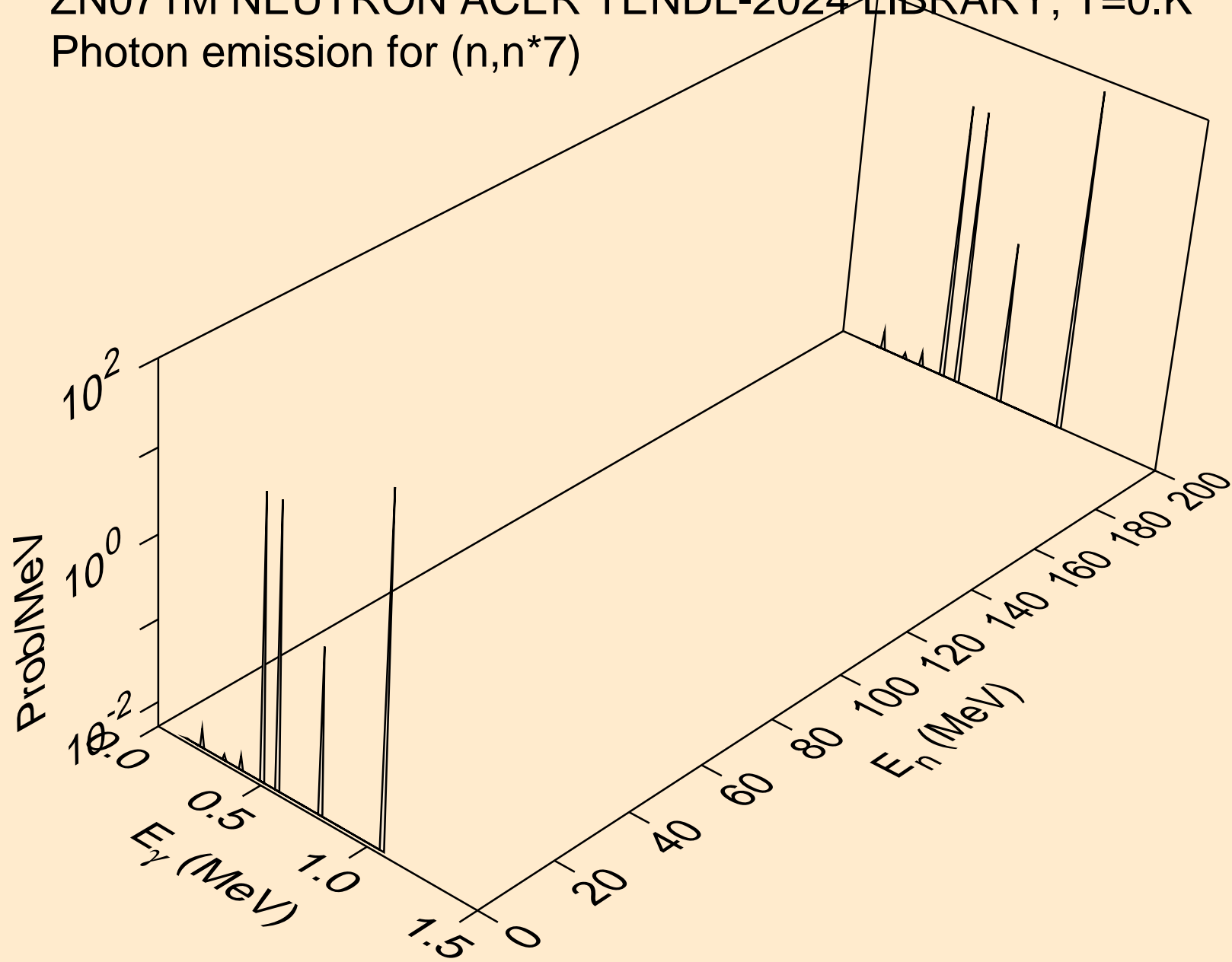
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Photon emission for (n,n\*5)



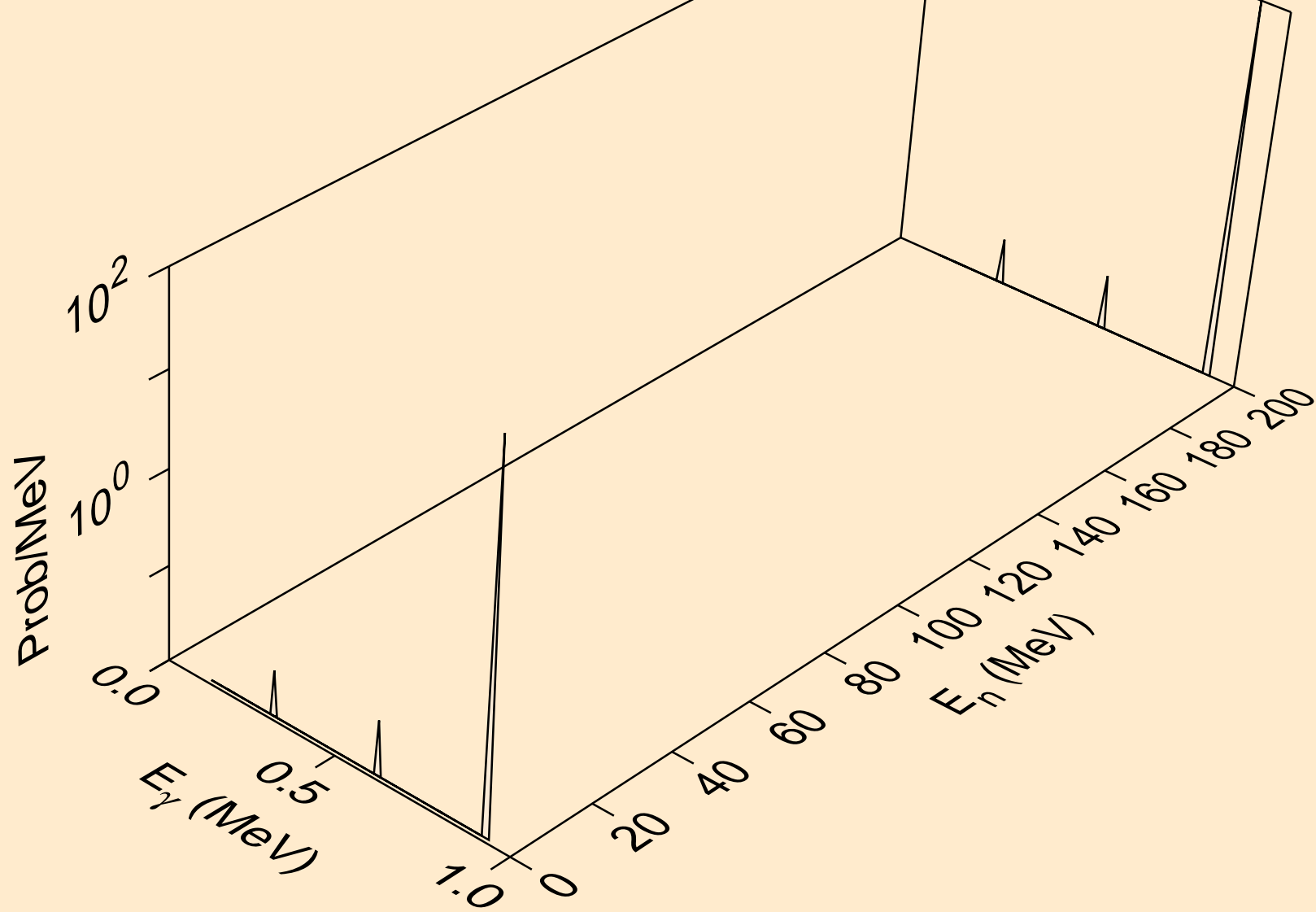
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*6)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

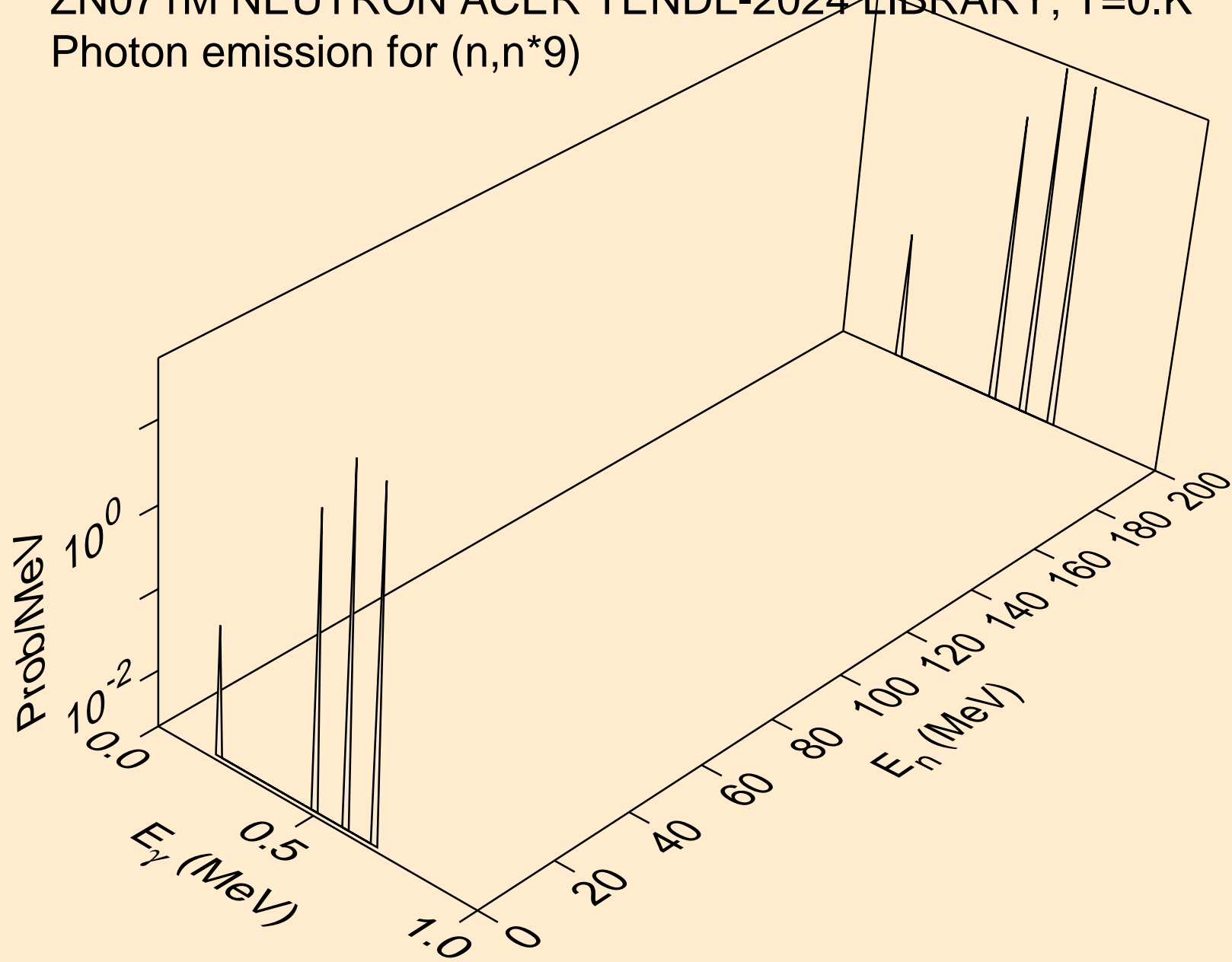


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Photon emission for (n,n\*8)

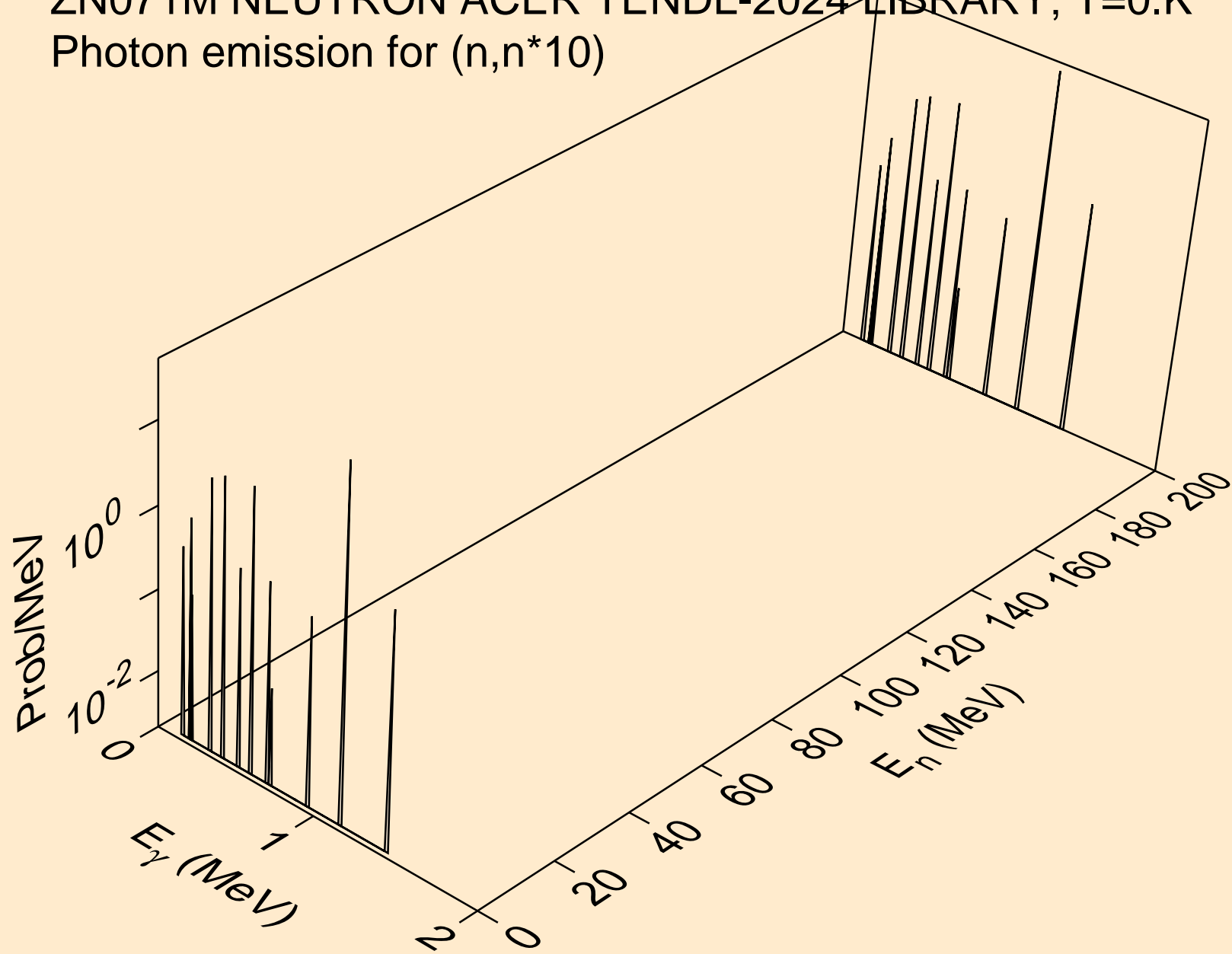




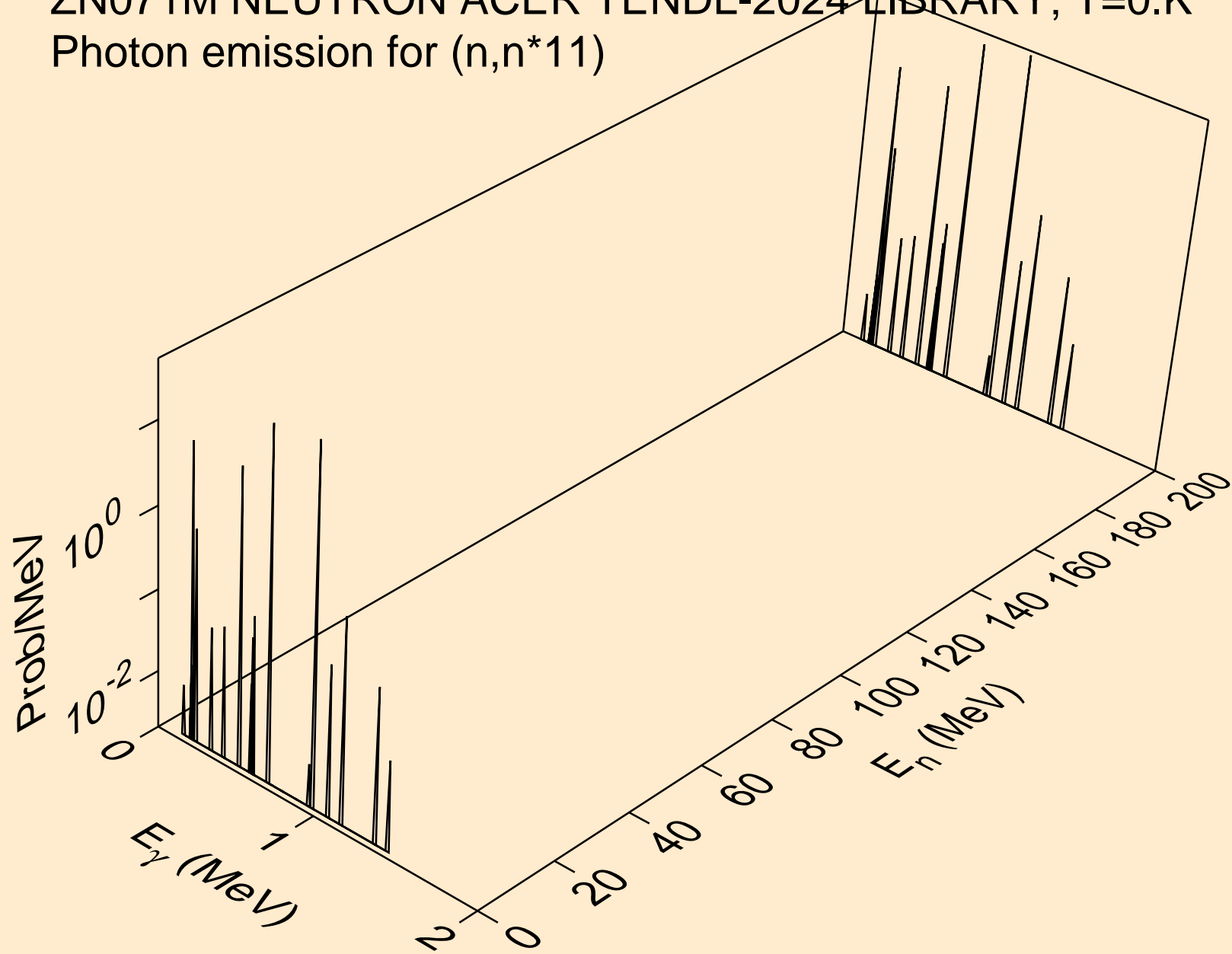
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Photon emission for (n,n\*9)



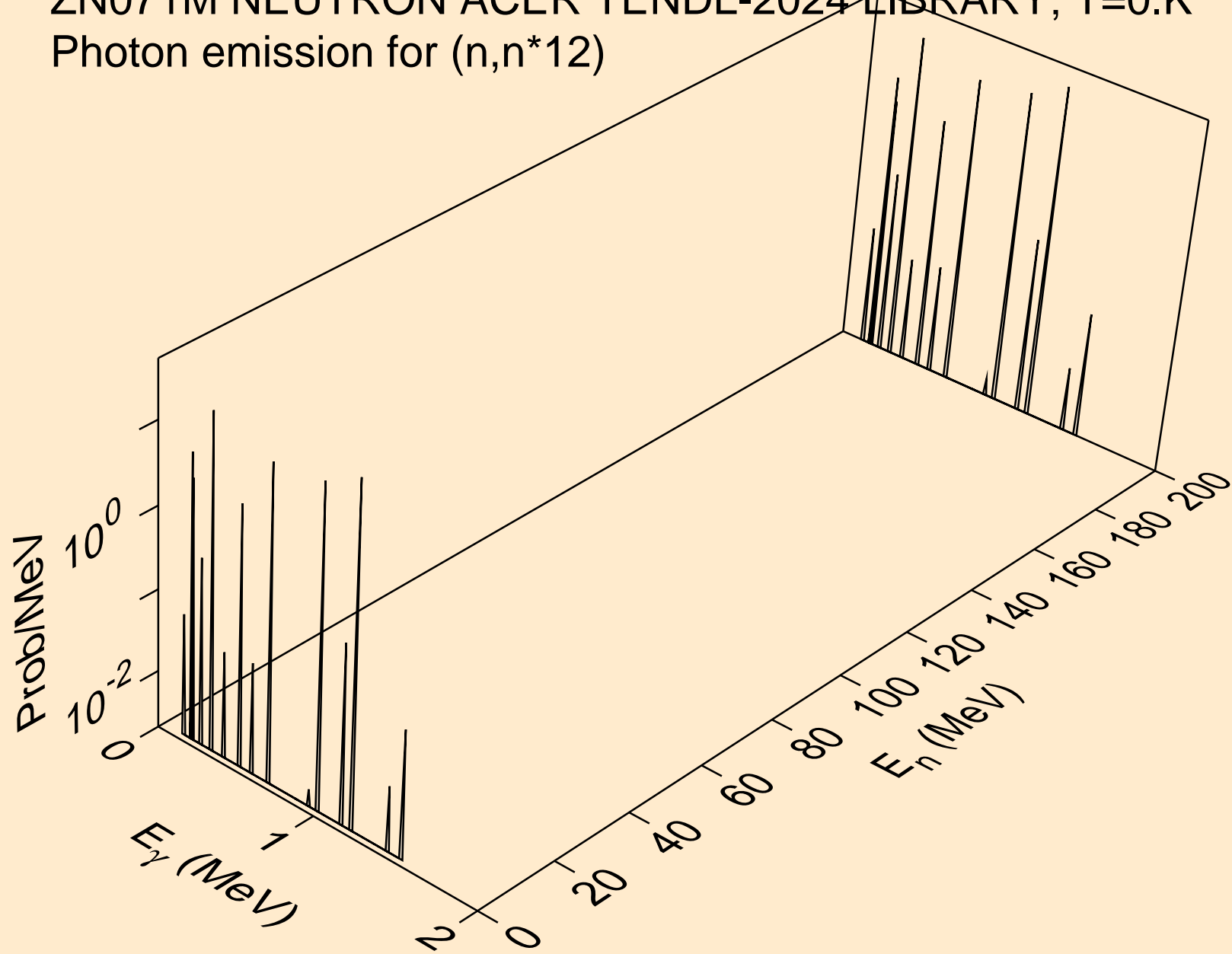
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Photon emission for (n,n\*10)



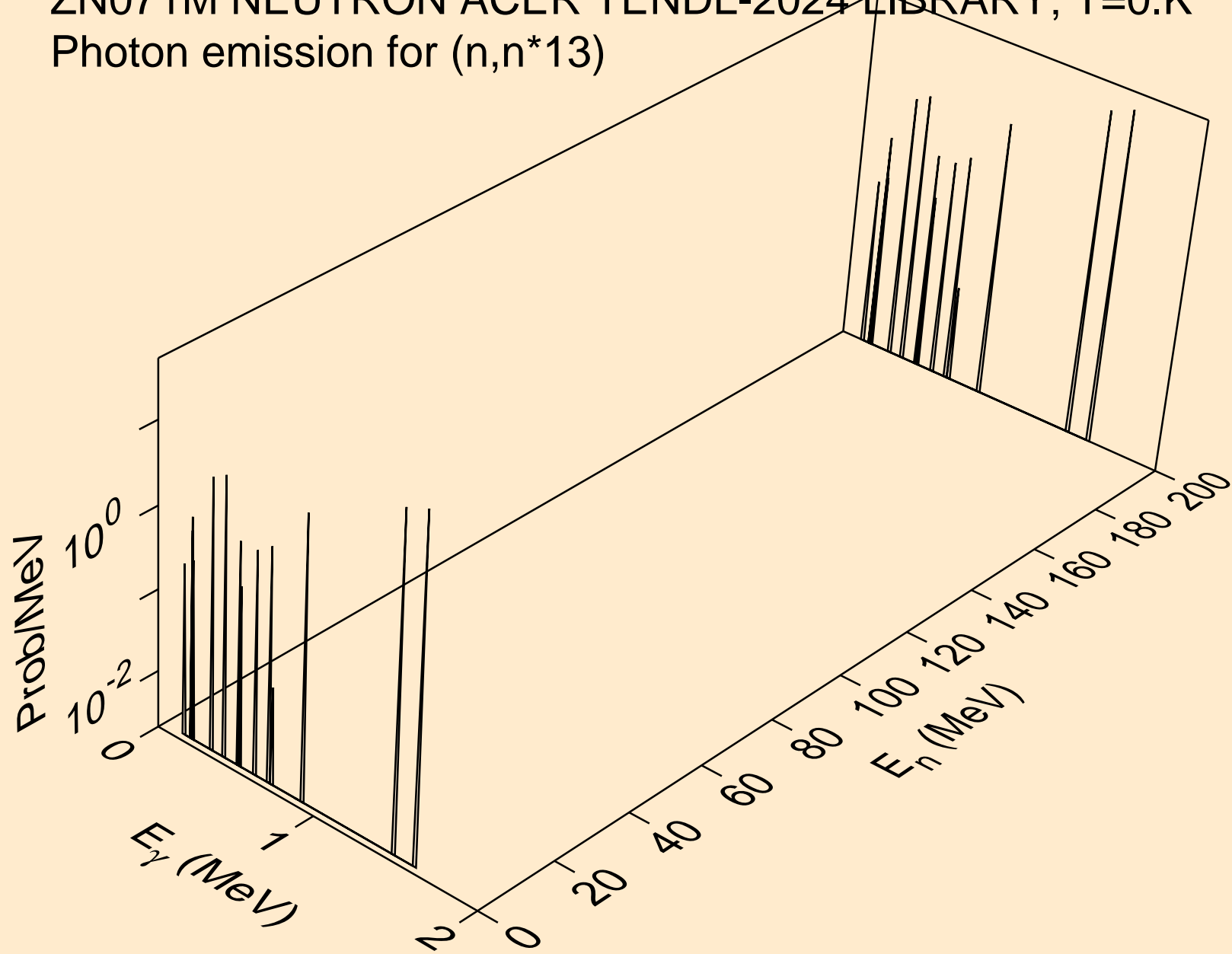
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Photon emission for (n,n\*11)



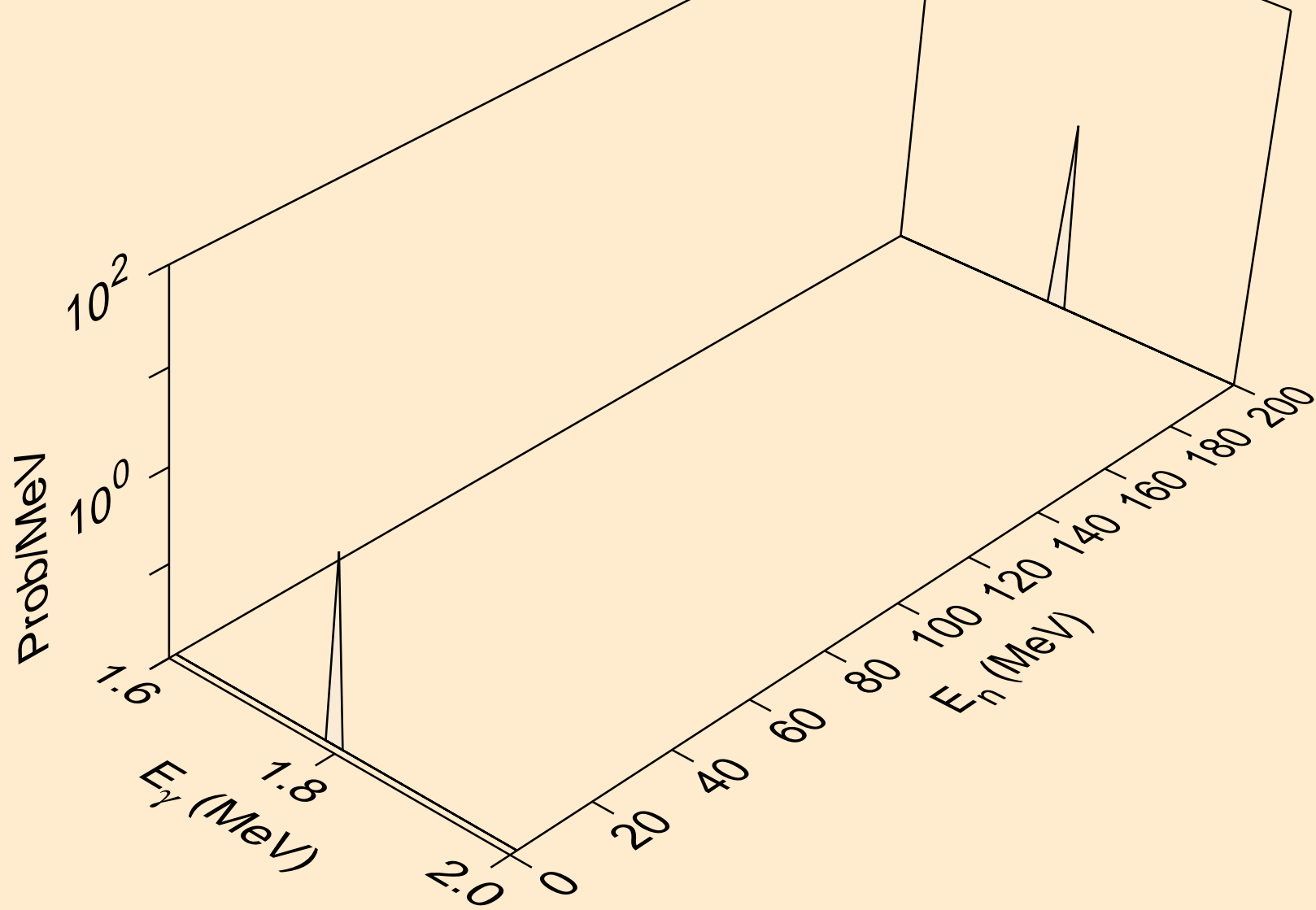
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Photon emission for (n,n\*12)



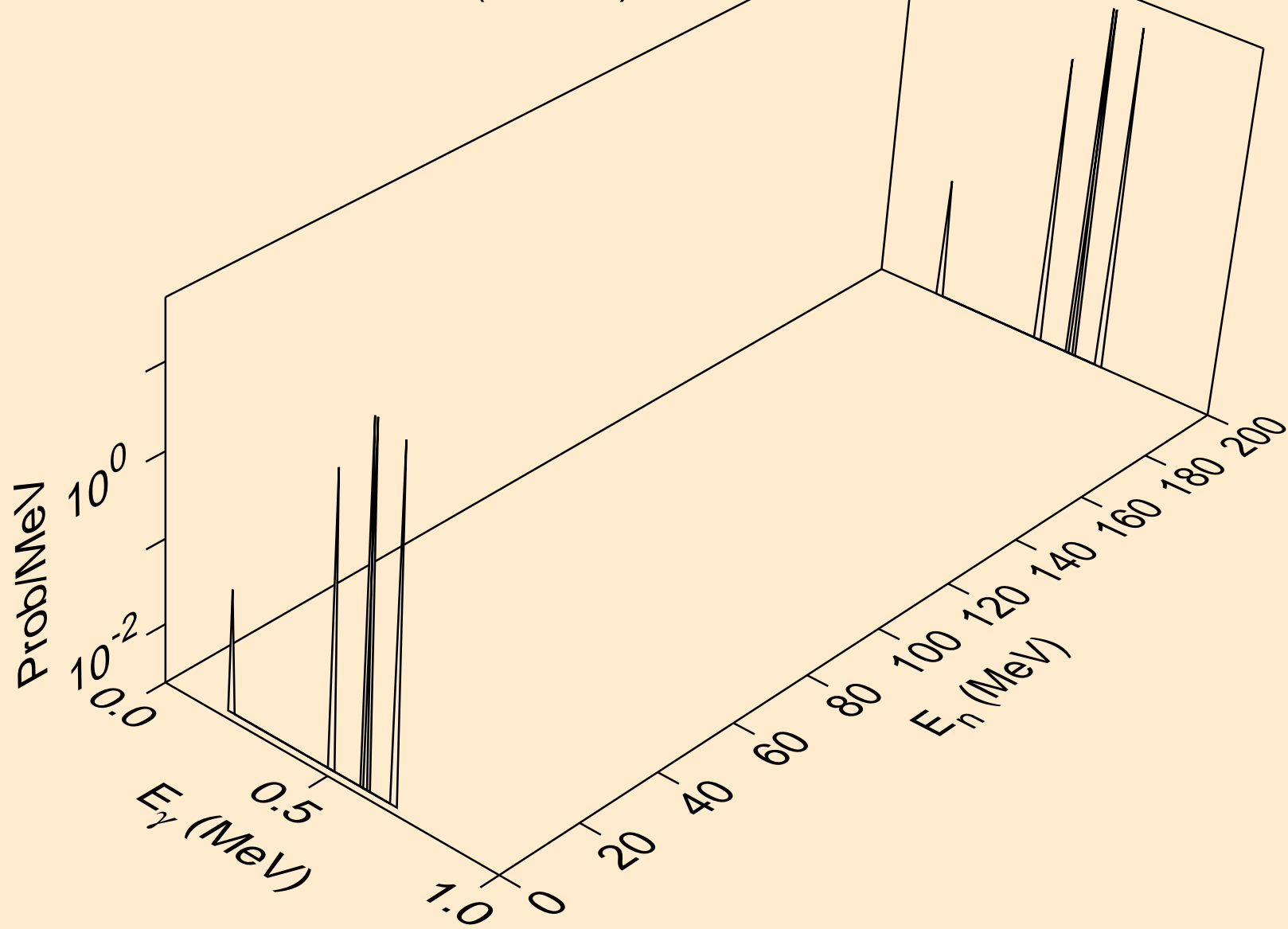
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Photon emission for (n,n\*13)



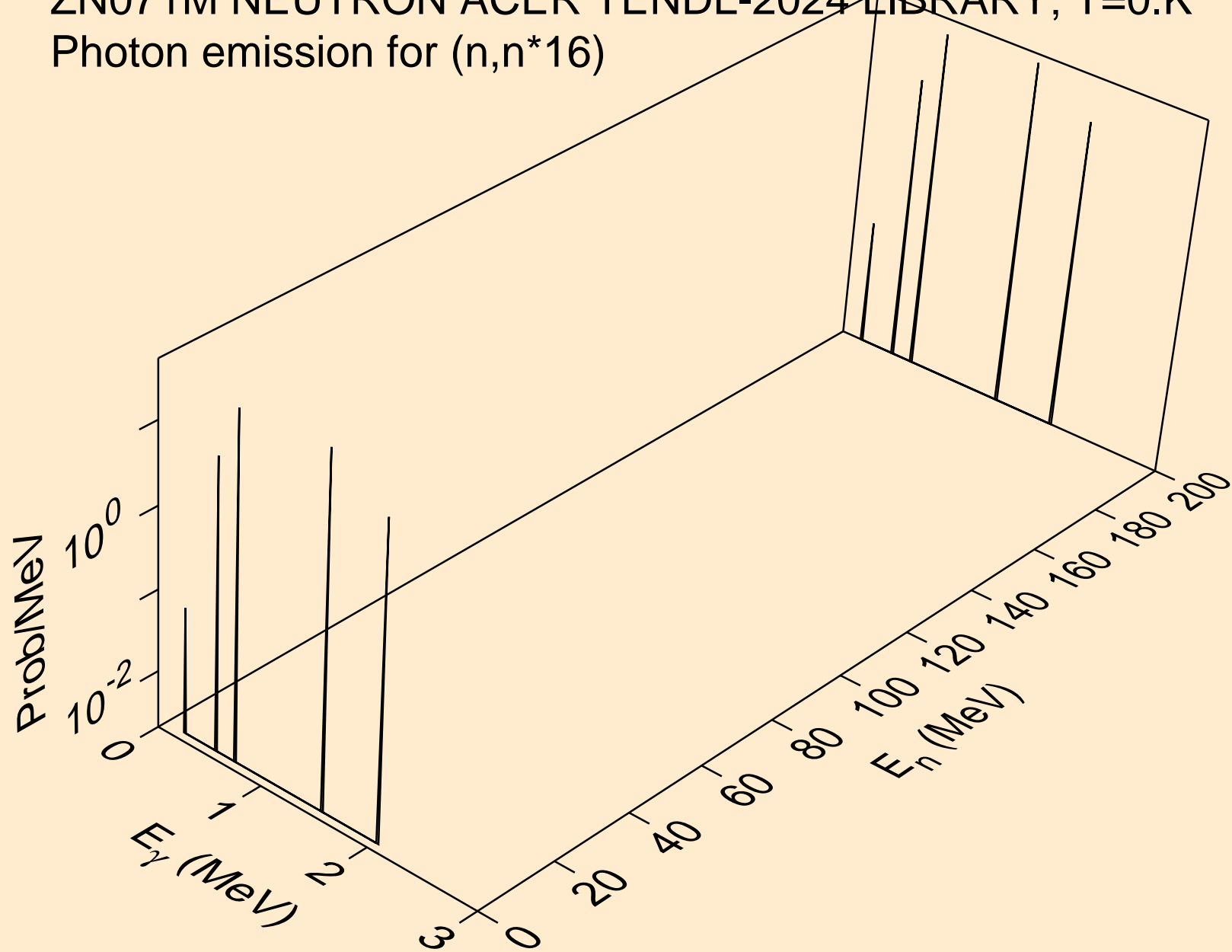
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Photon emission for (n,n\*14)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*15)

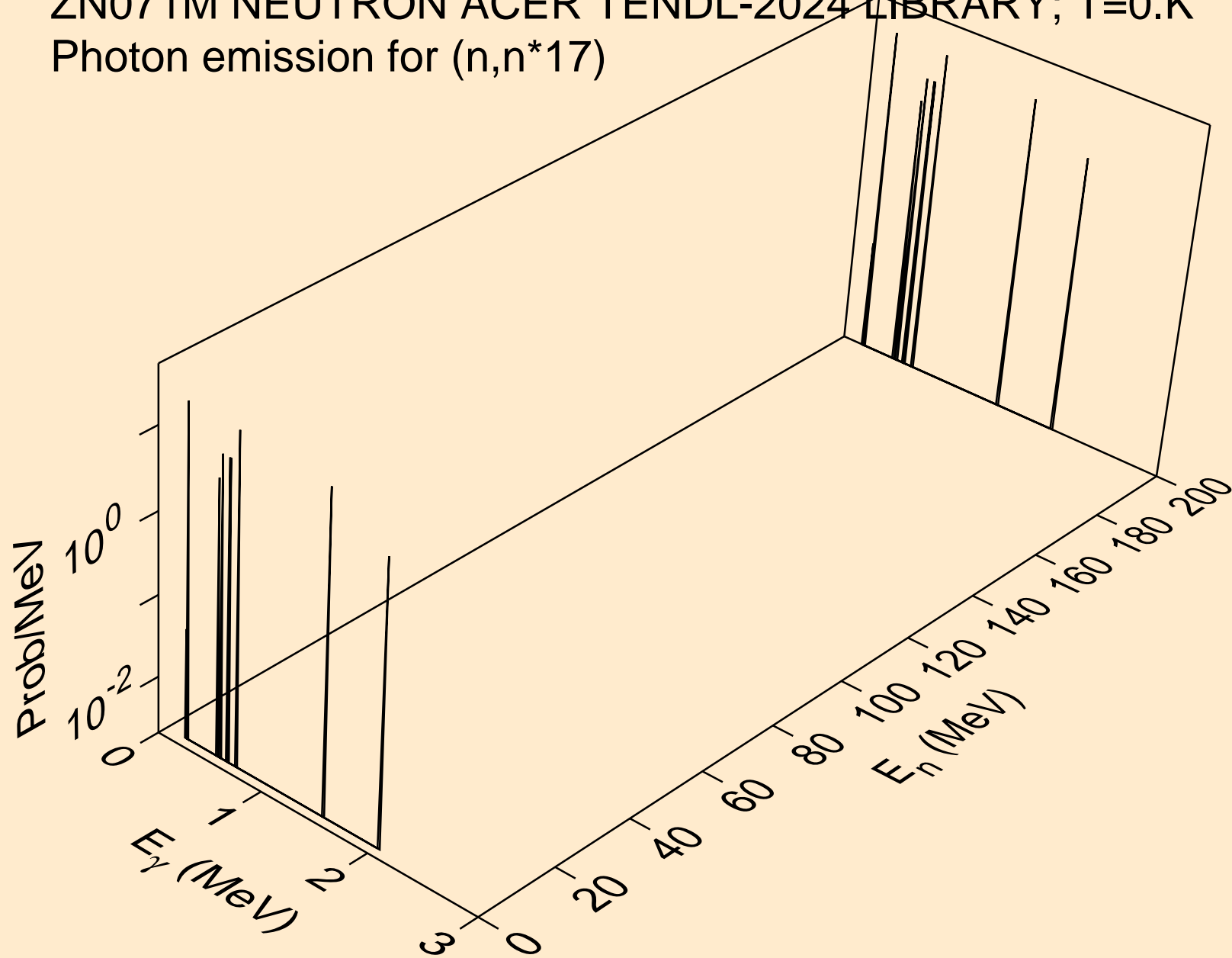


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Photon emission for (n,n\*16)

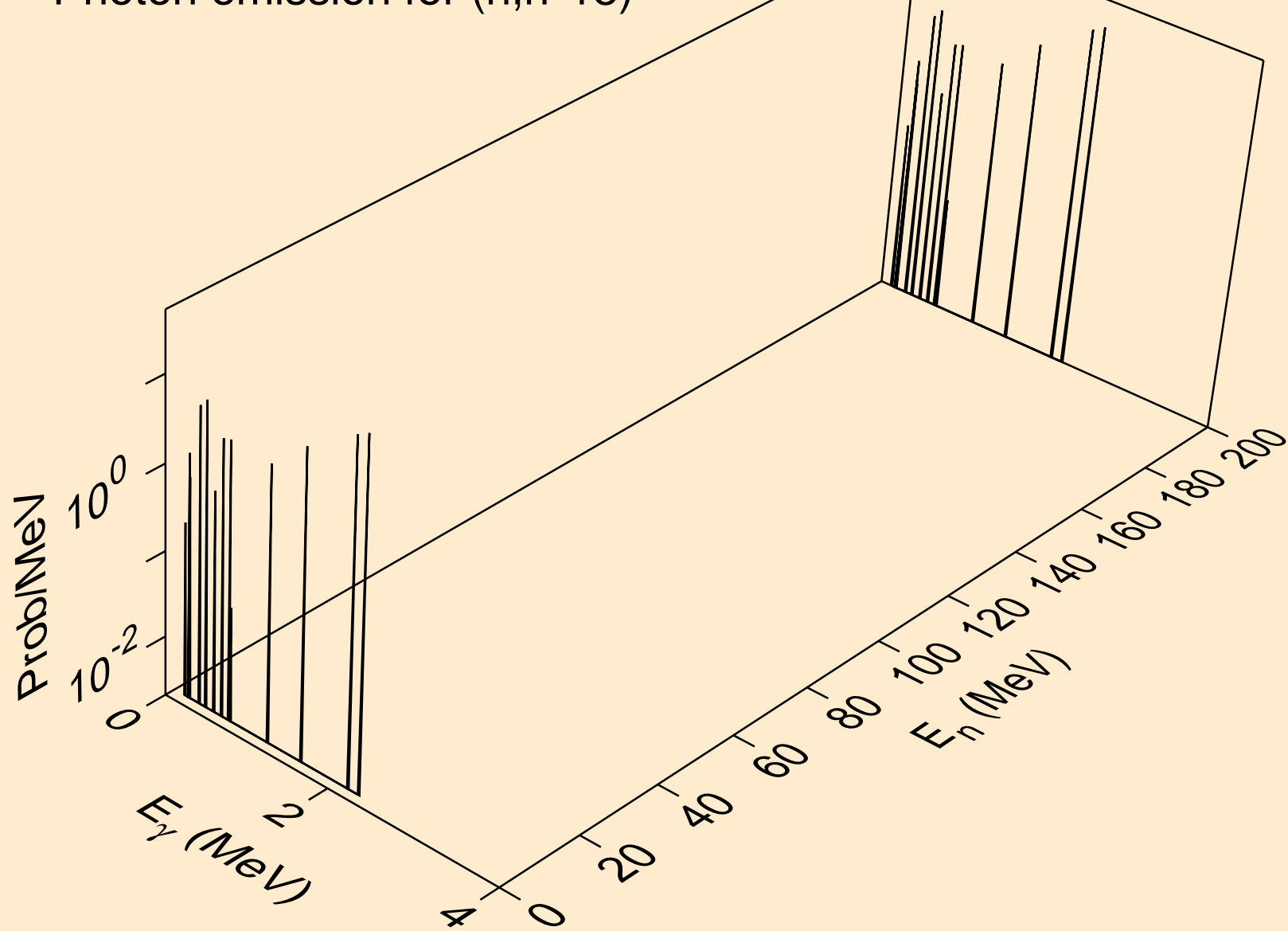




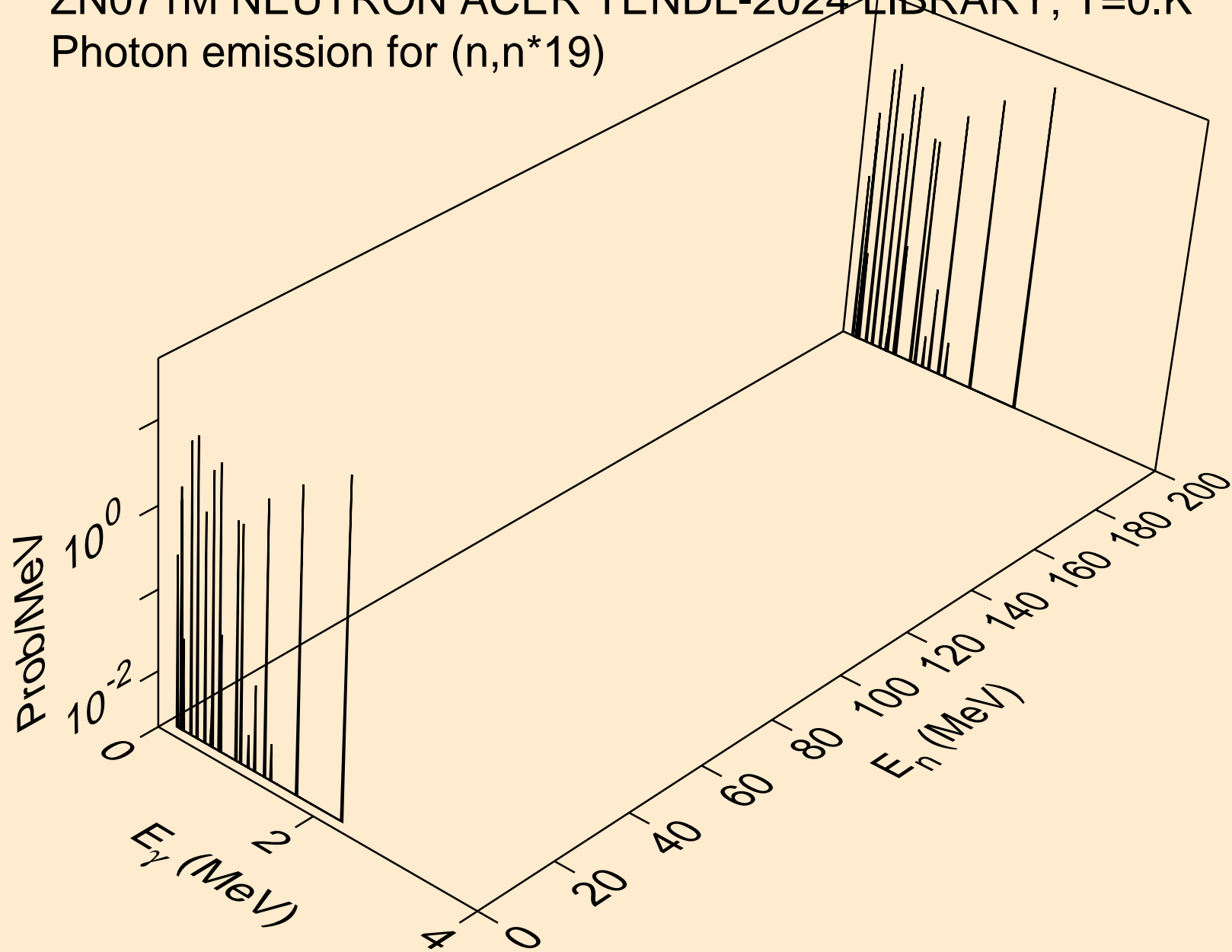
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Photon emission for (n,n\*17)



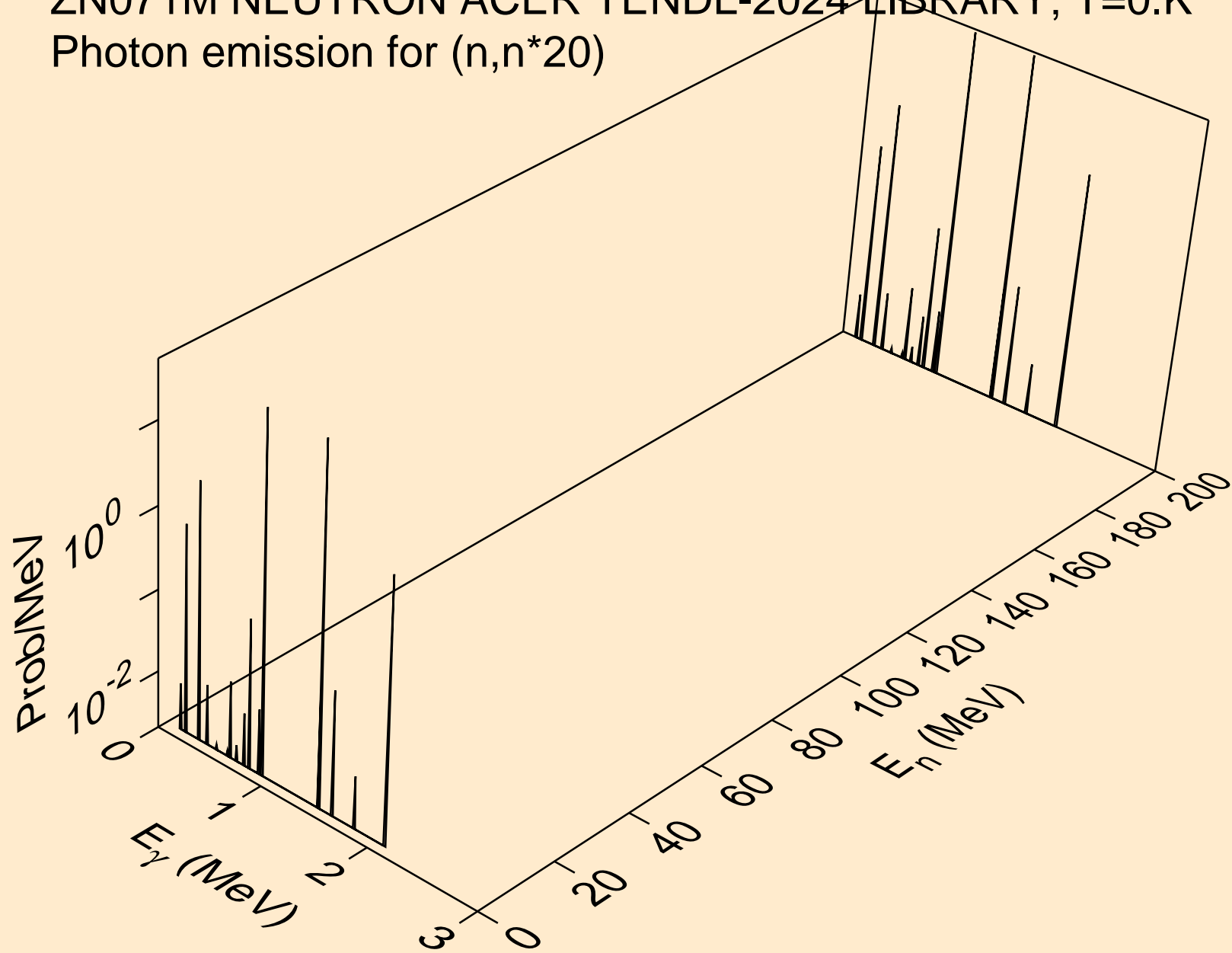
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Photon emission for (n,n\*18)



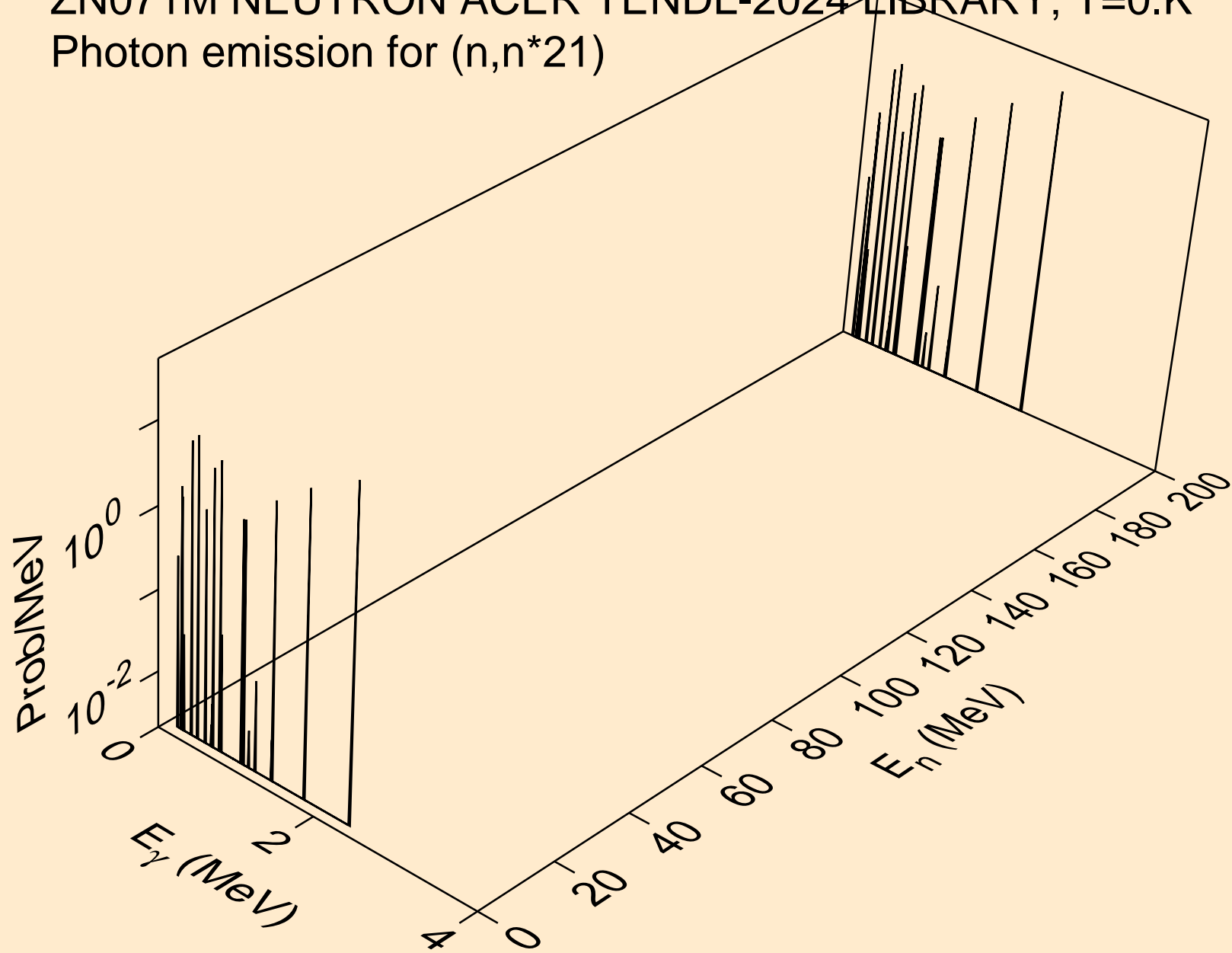
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Photon emission for (n,n\*19)



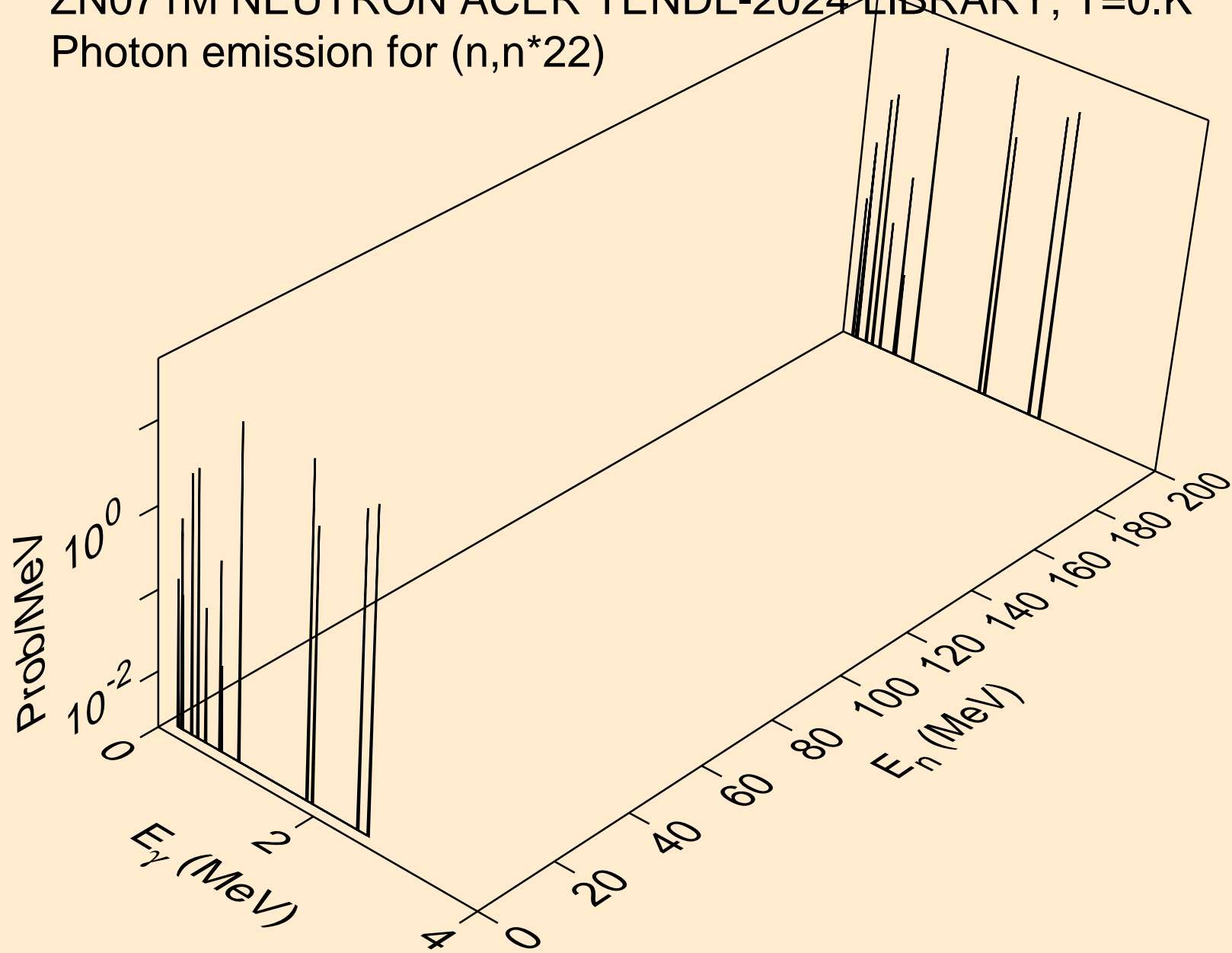
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Photon emission for (n,n\*20)



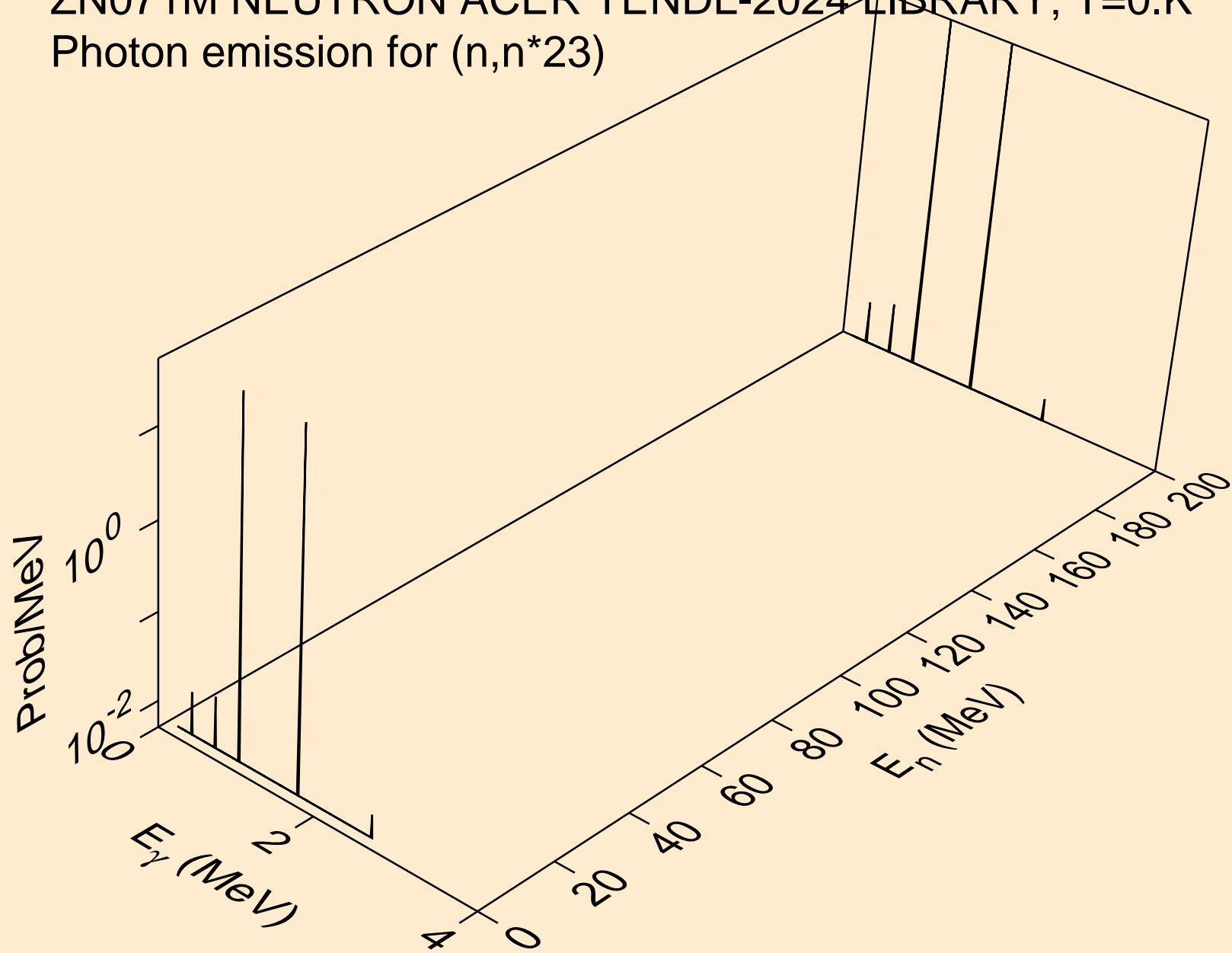
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Photon emission for (n,n\*21)



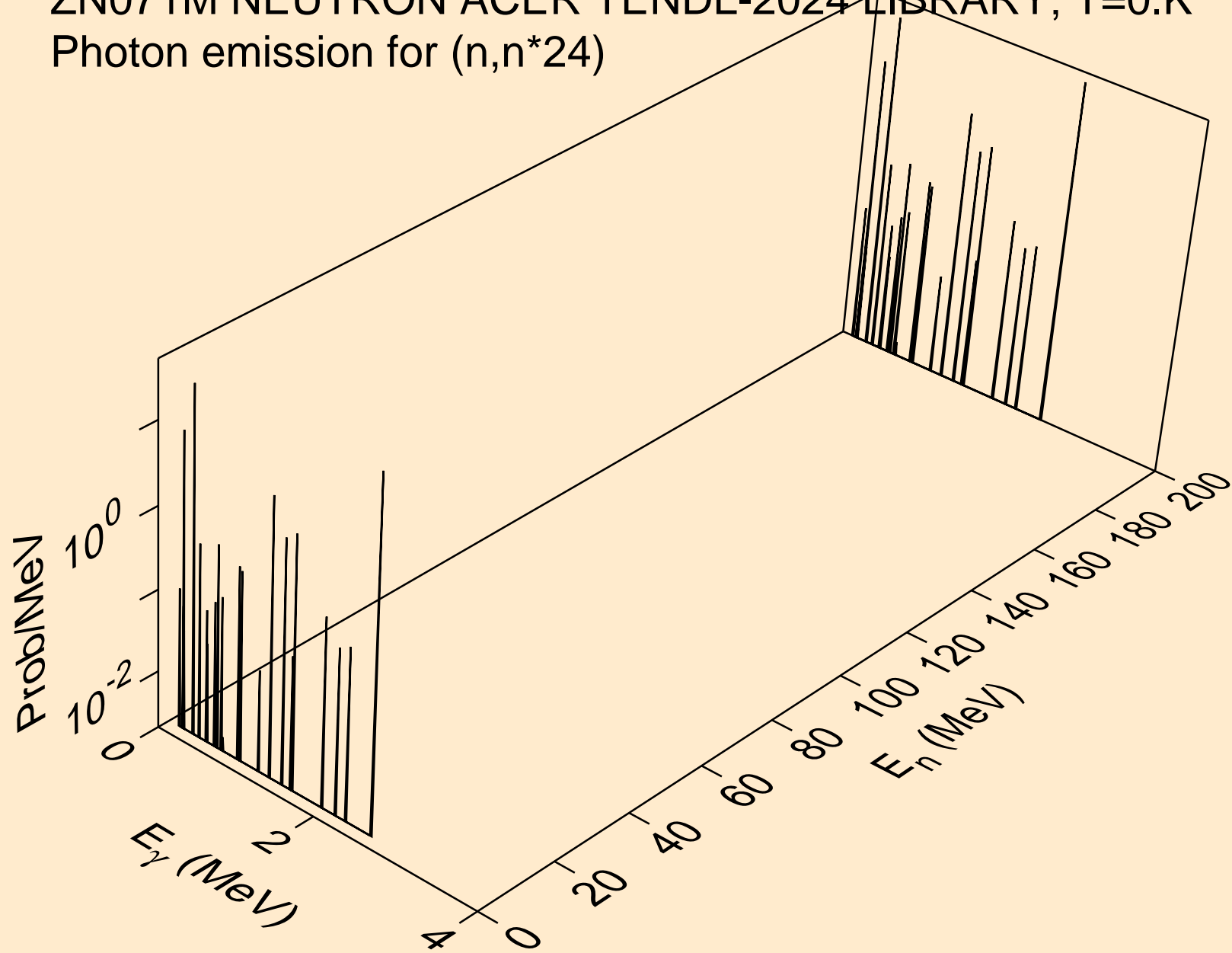
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Photon emission for (n,n\*22)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*23)

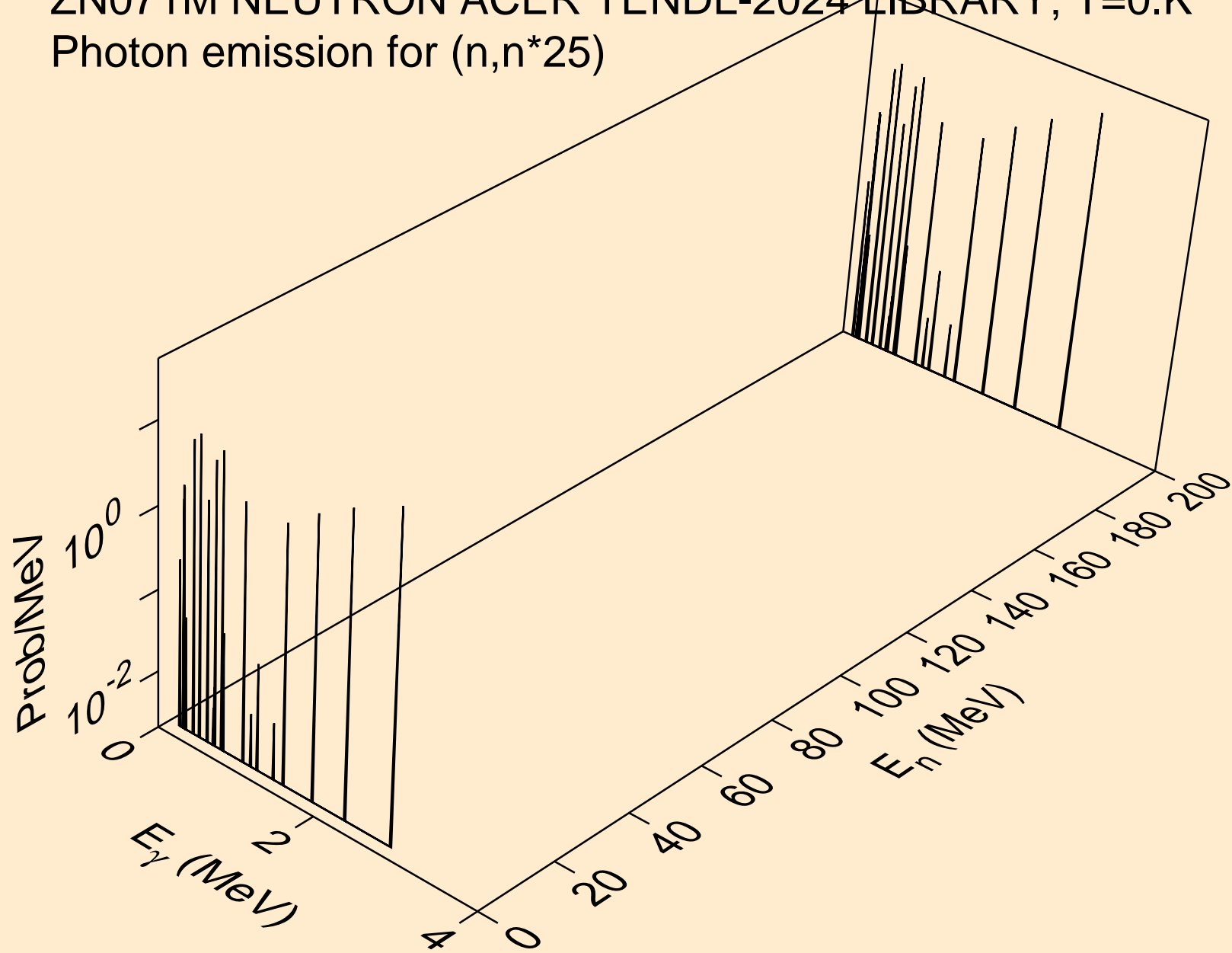


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Photon emission for (n,n\*24)

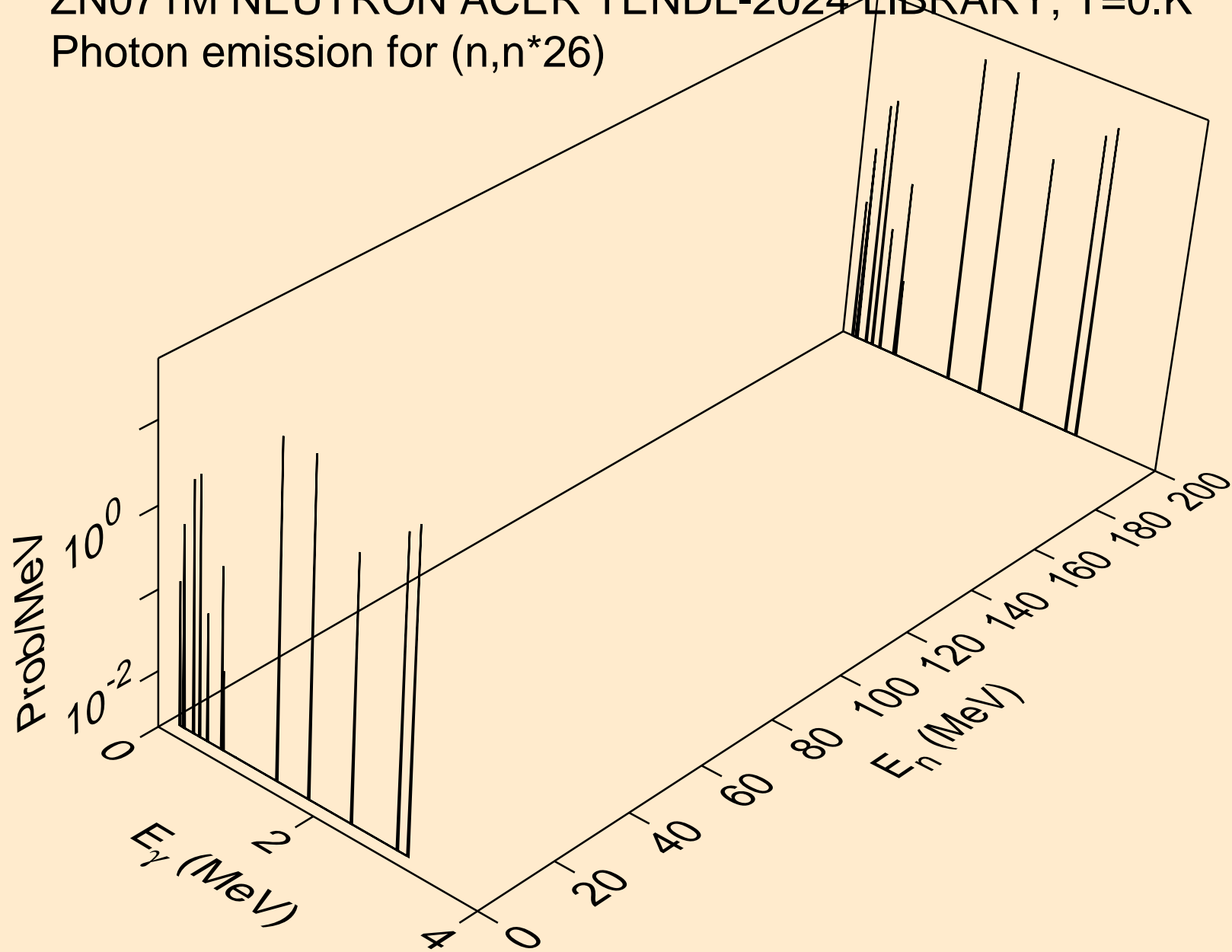




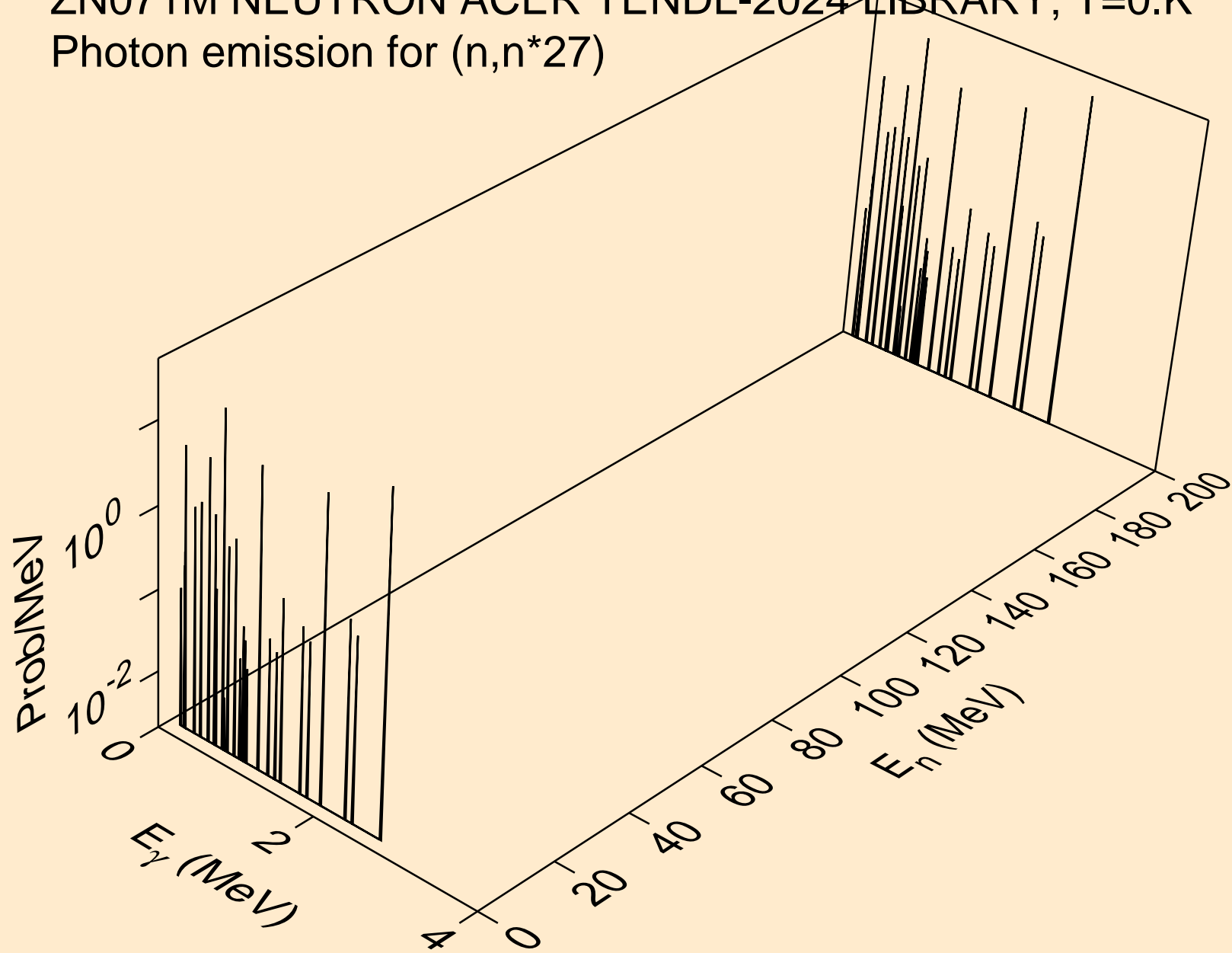
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Photon emission for (n,n\*25)



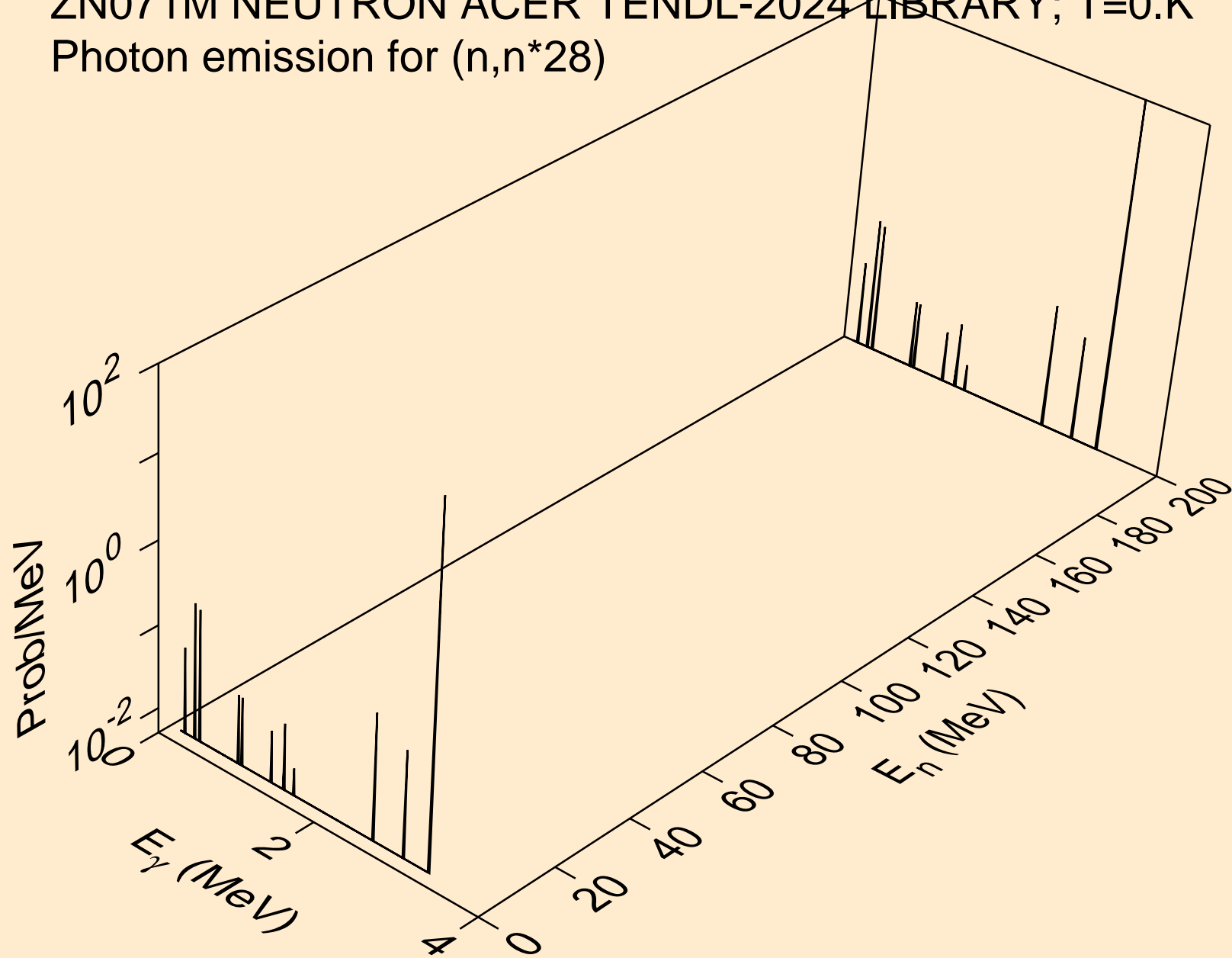
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Photon emission for (n,n\*26)



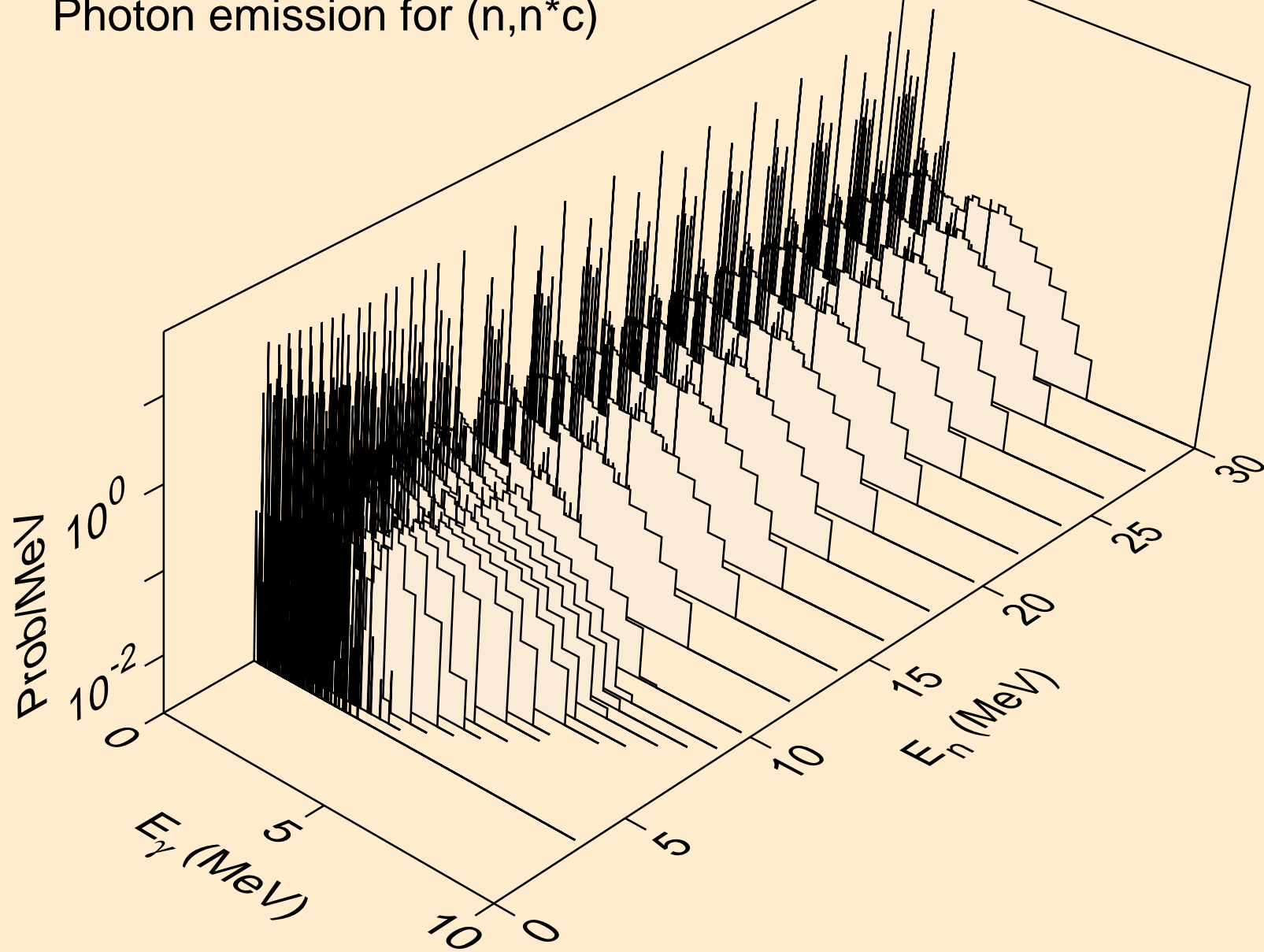
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Photon emission for (n,n\*27)



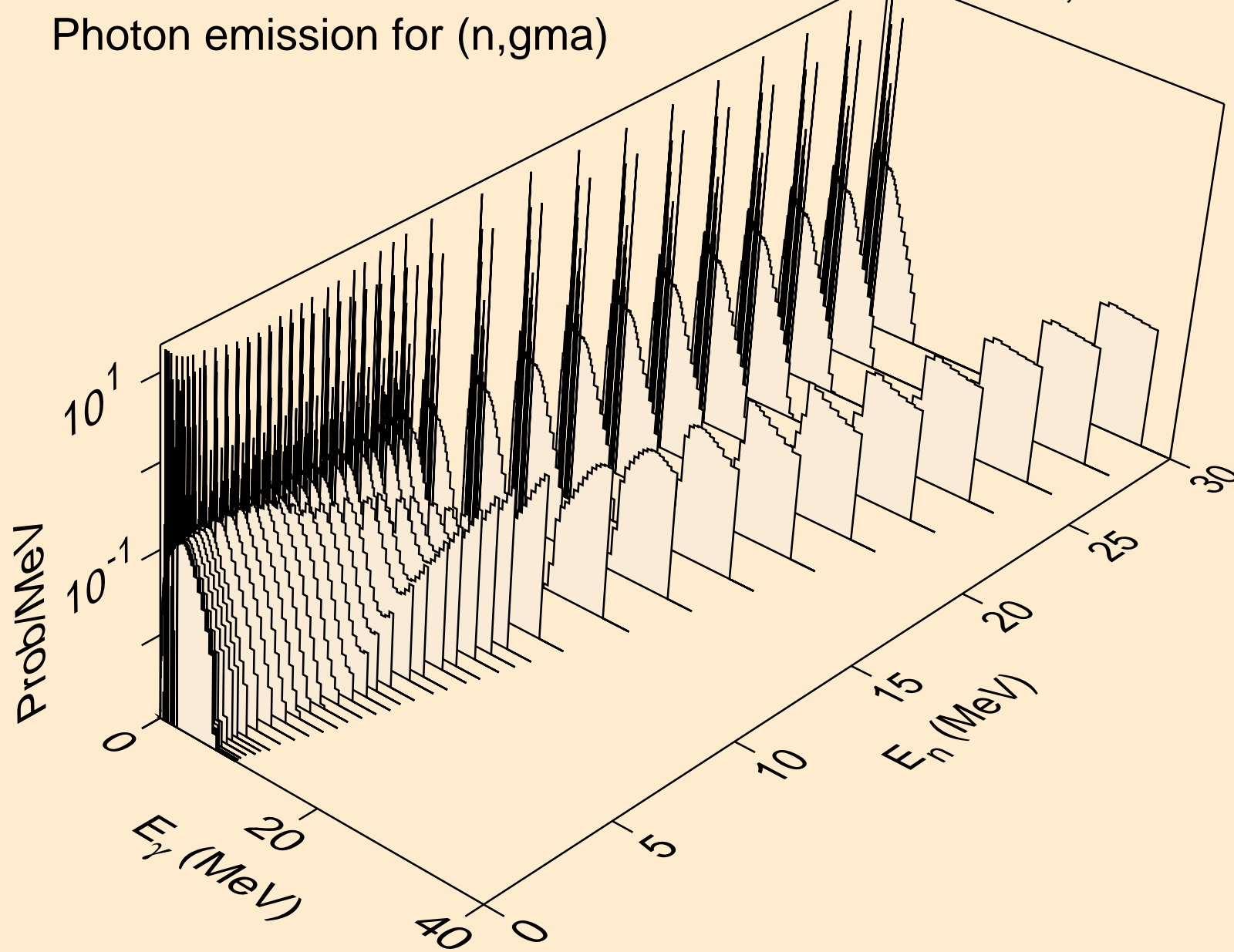
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Photon emission for (n,n\*28)



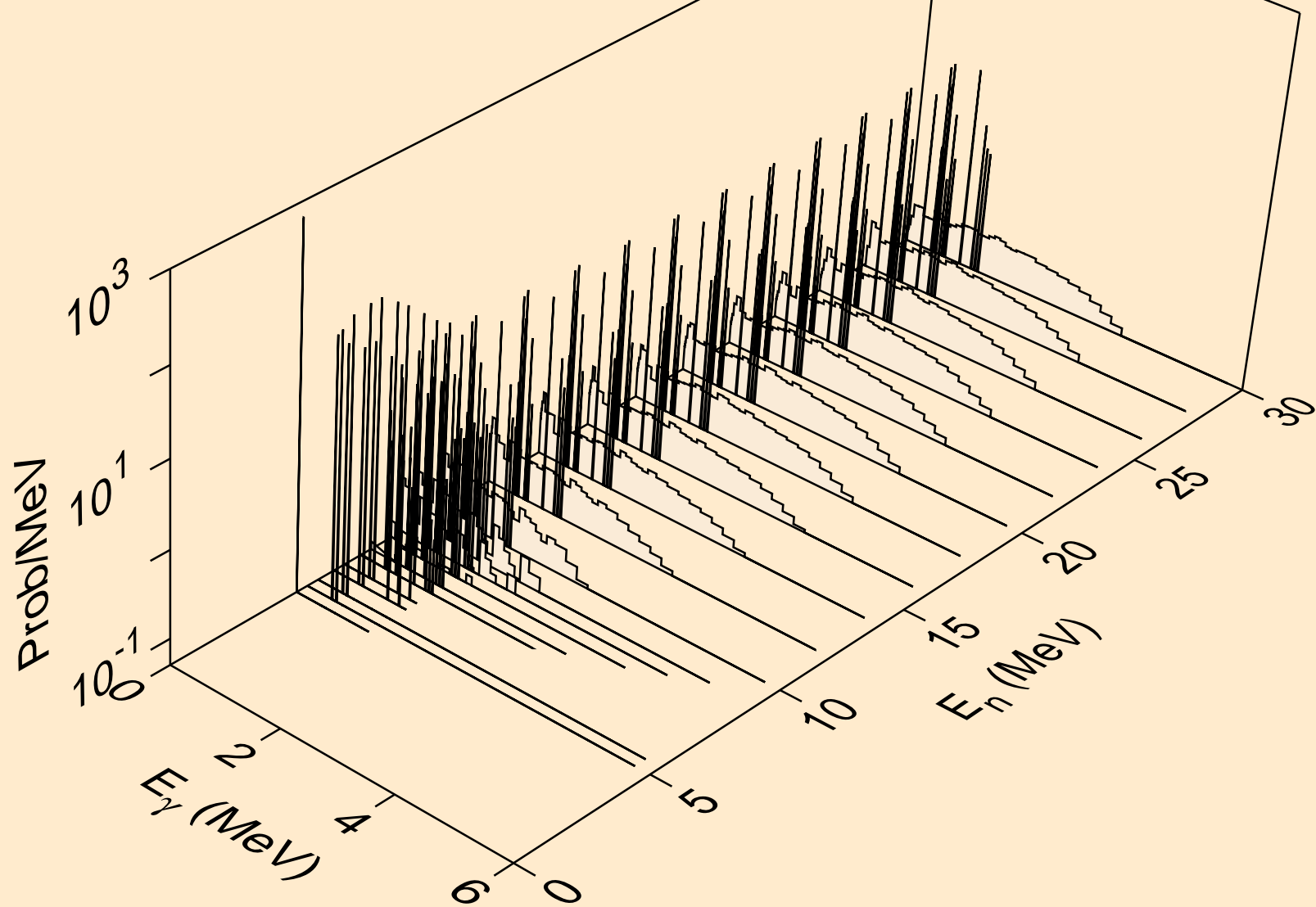
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Photon emission for (n,n\*c)



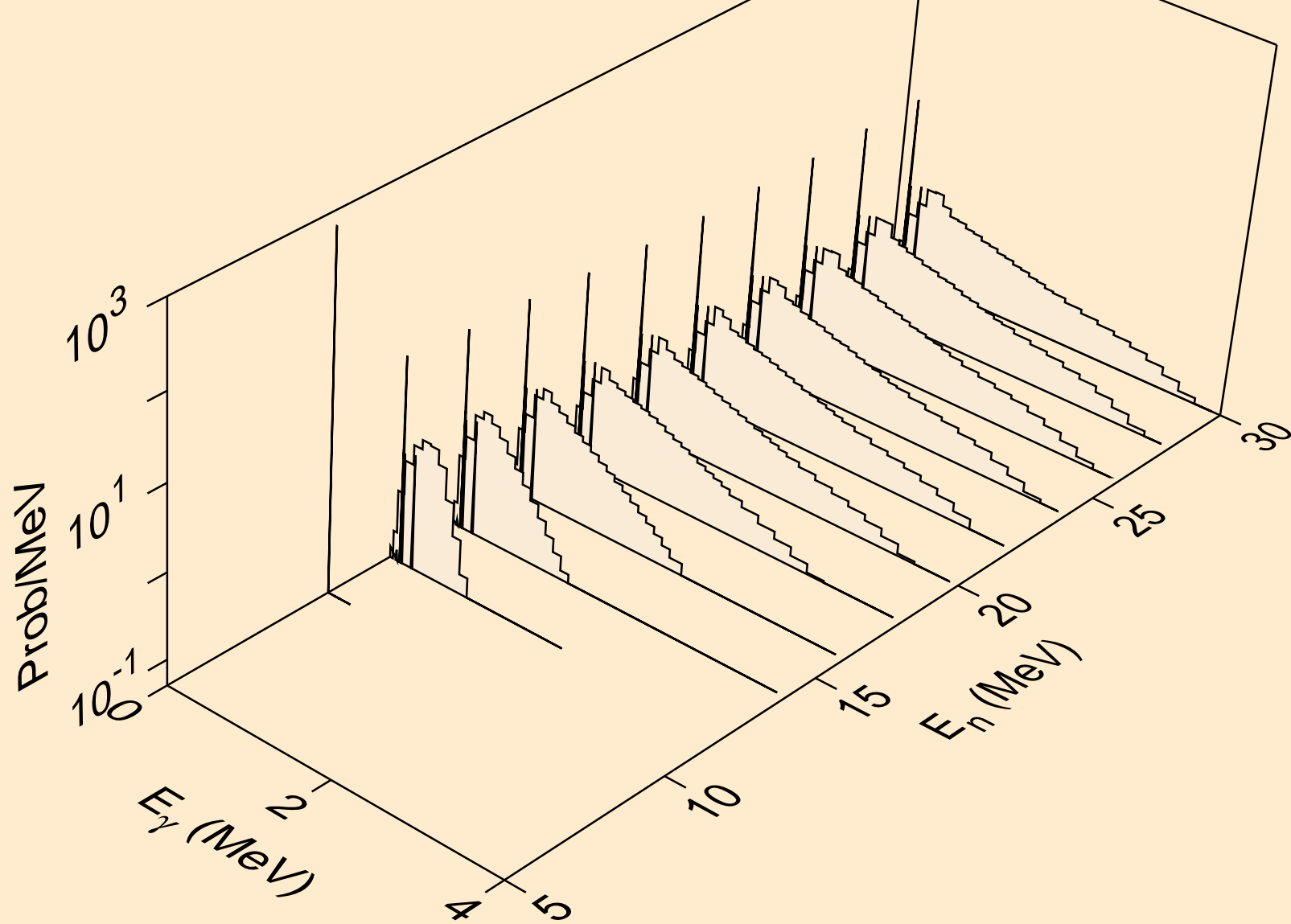
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Photon emission for (n,gma)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

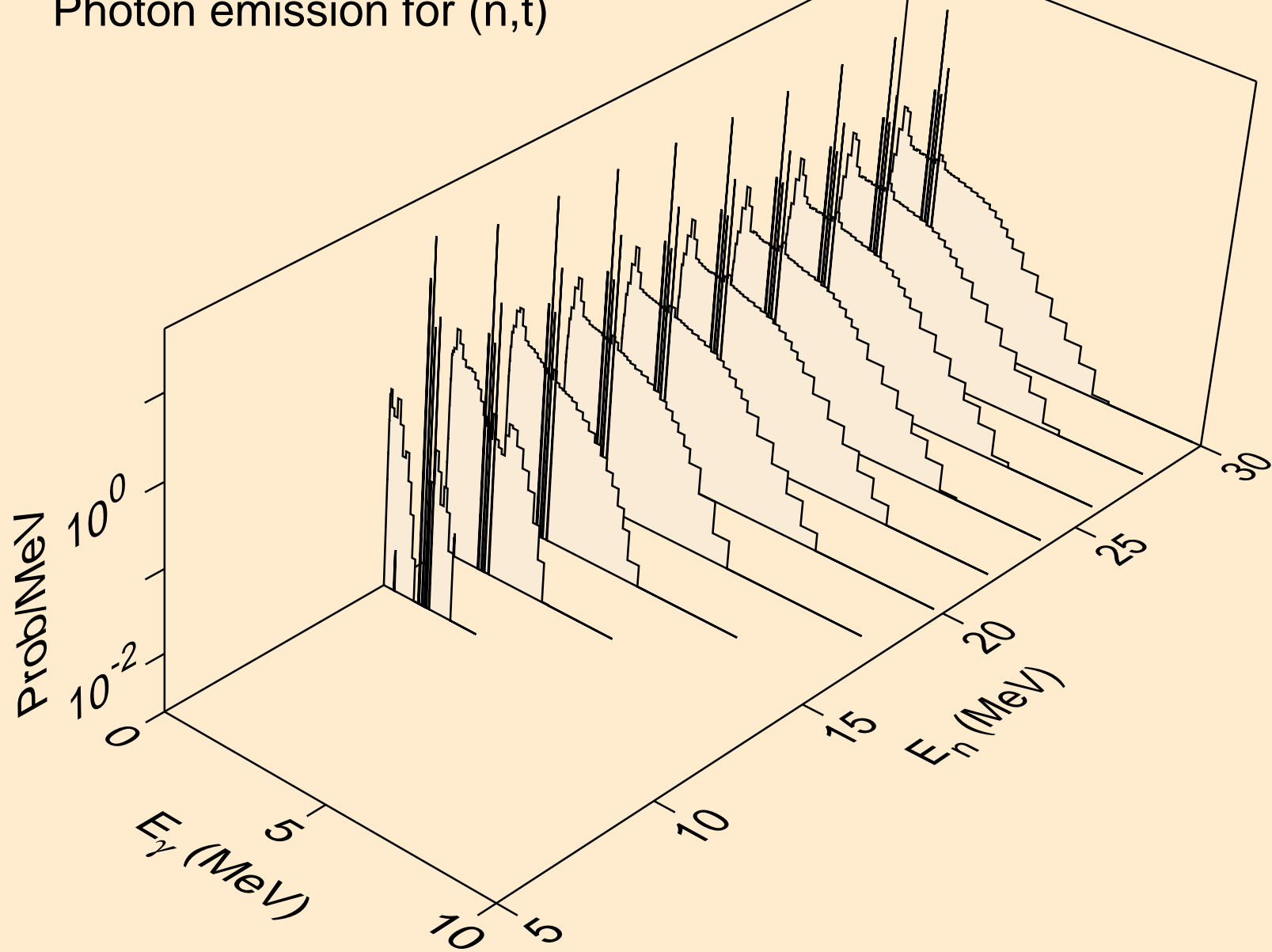


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Photon emission for (n,d)

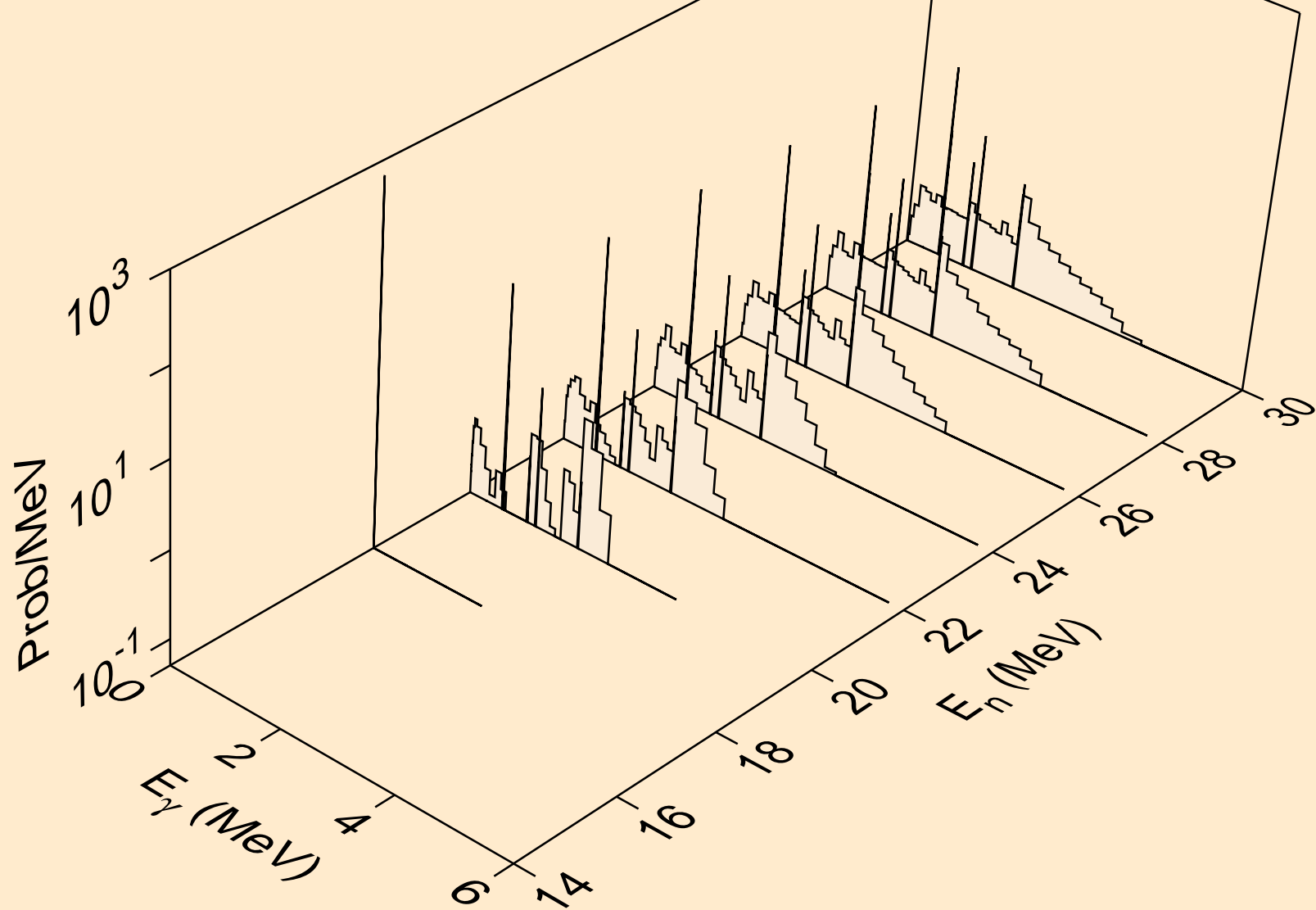




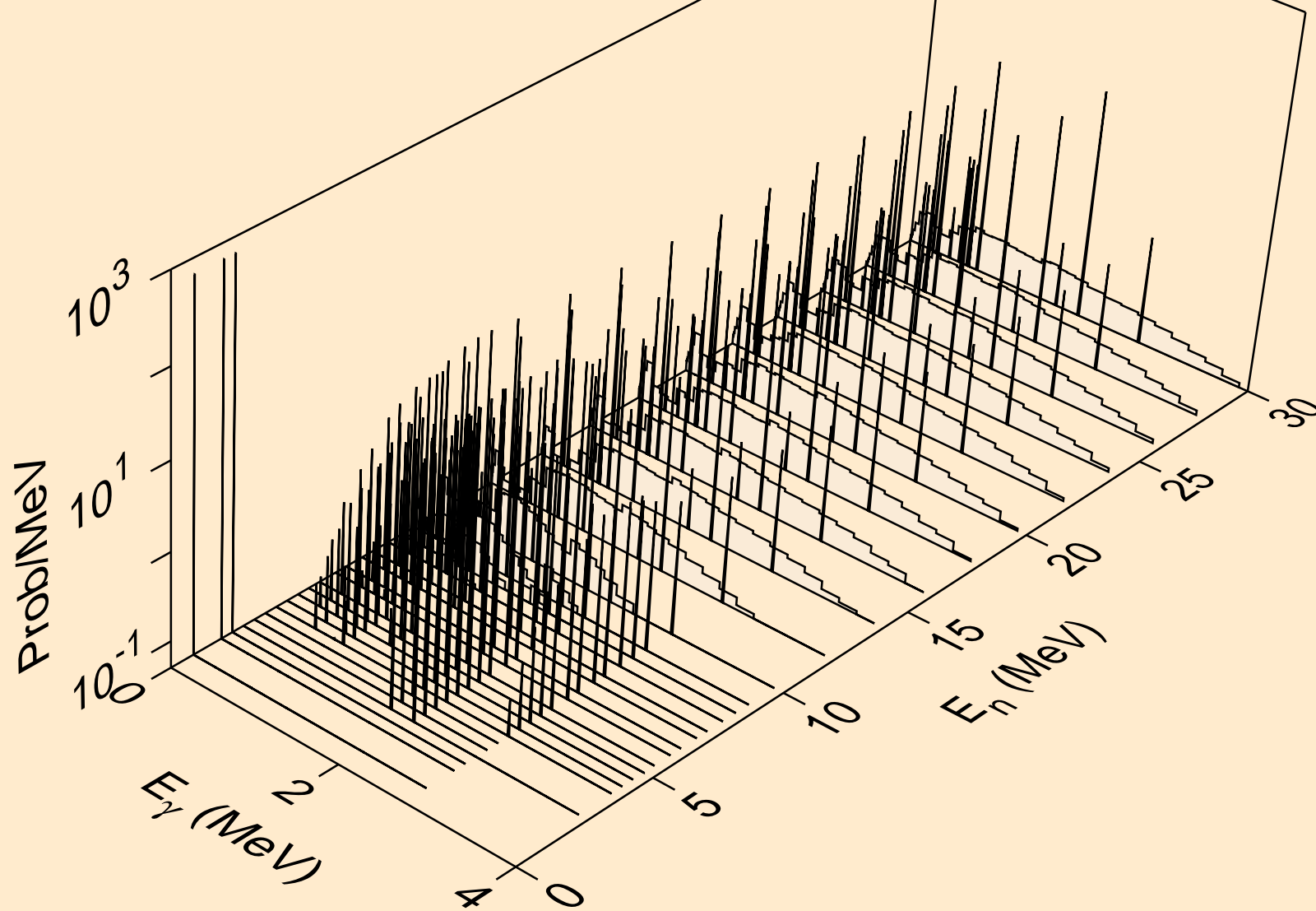
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Photon emission for (n,t)



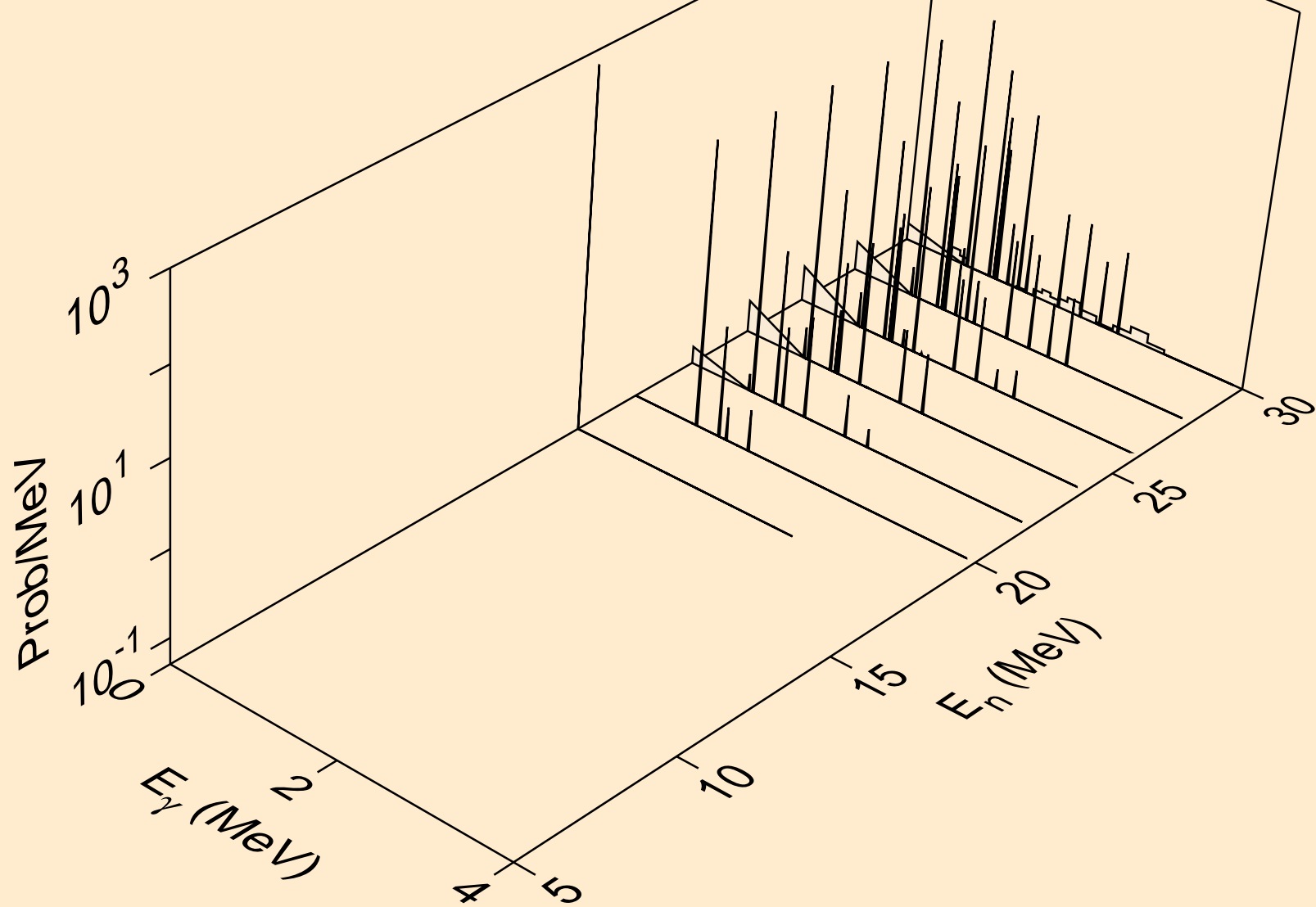
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Photon emission for (n,he3)



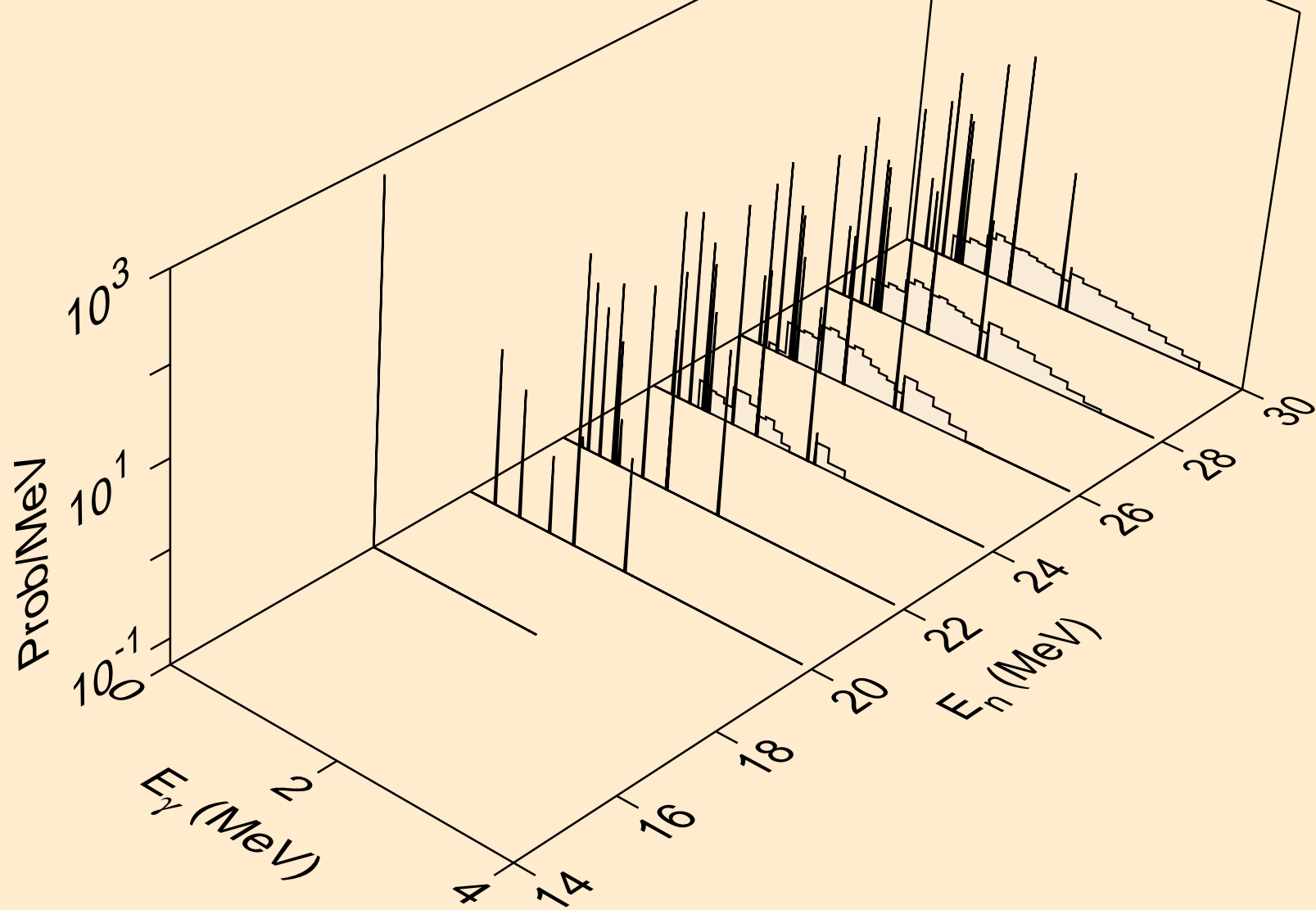
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Photon emission for (n,a)



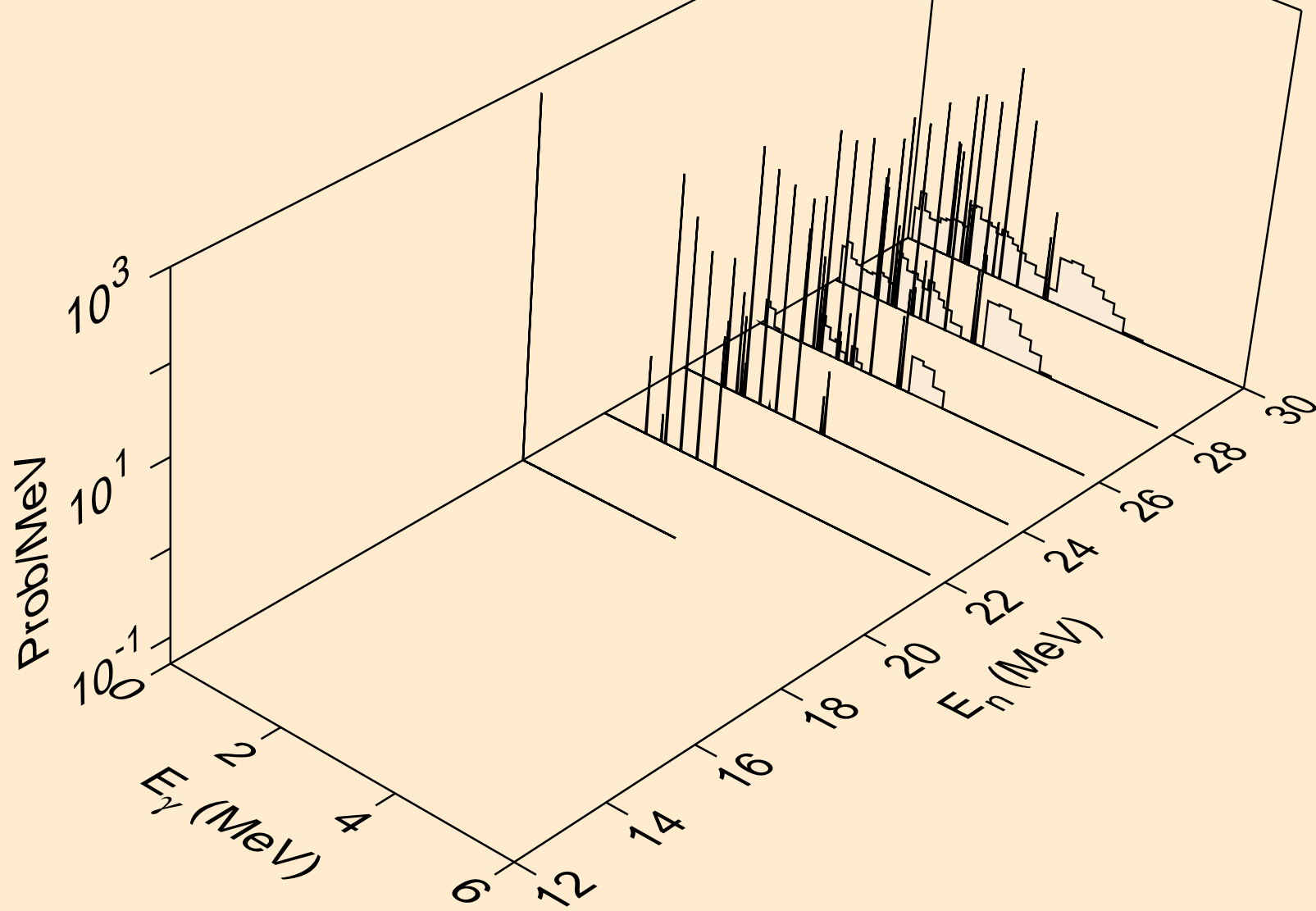
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Photon emission for (n,2a)



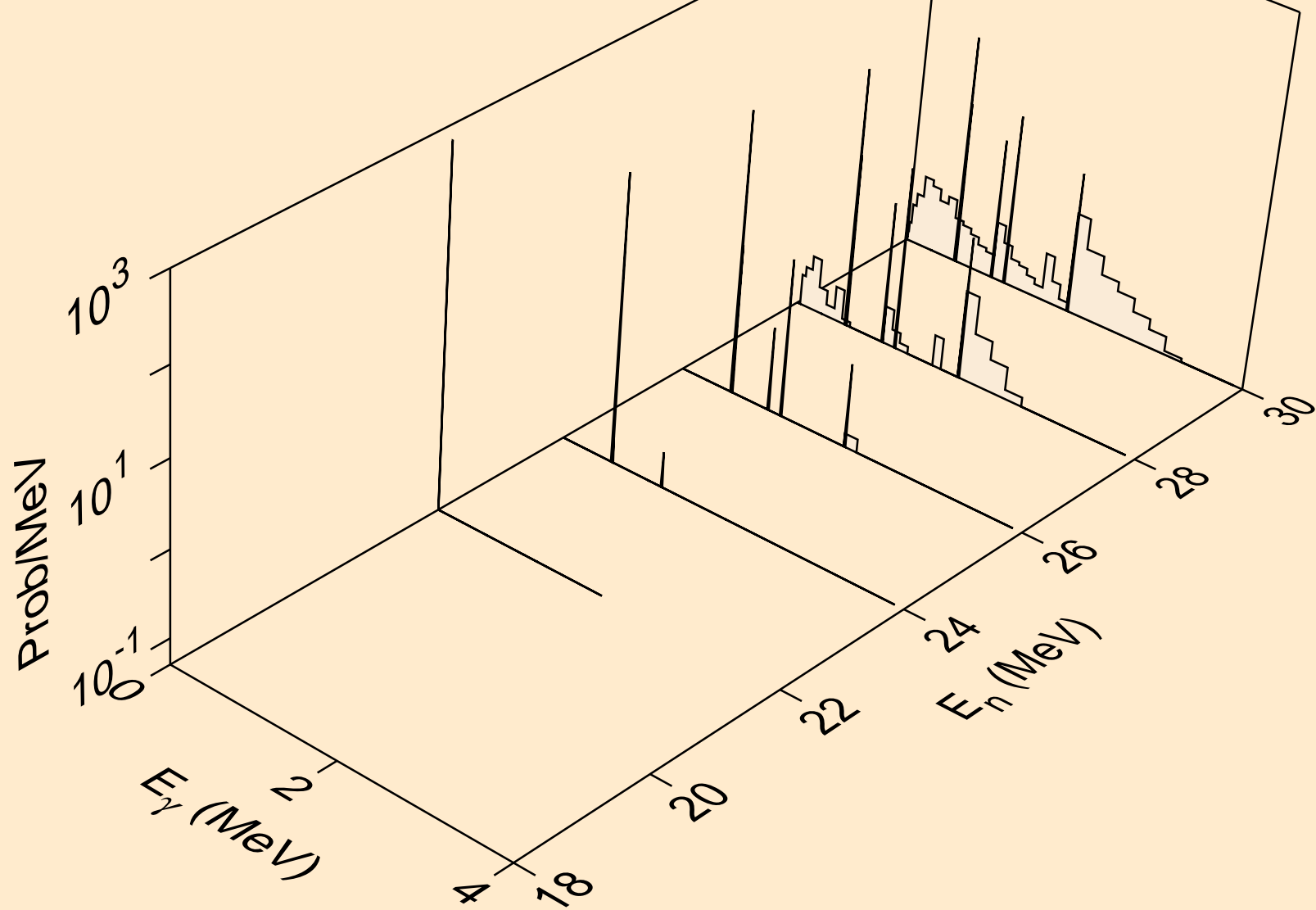
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Photon emission for (n,2p)



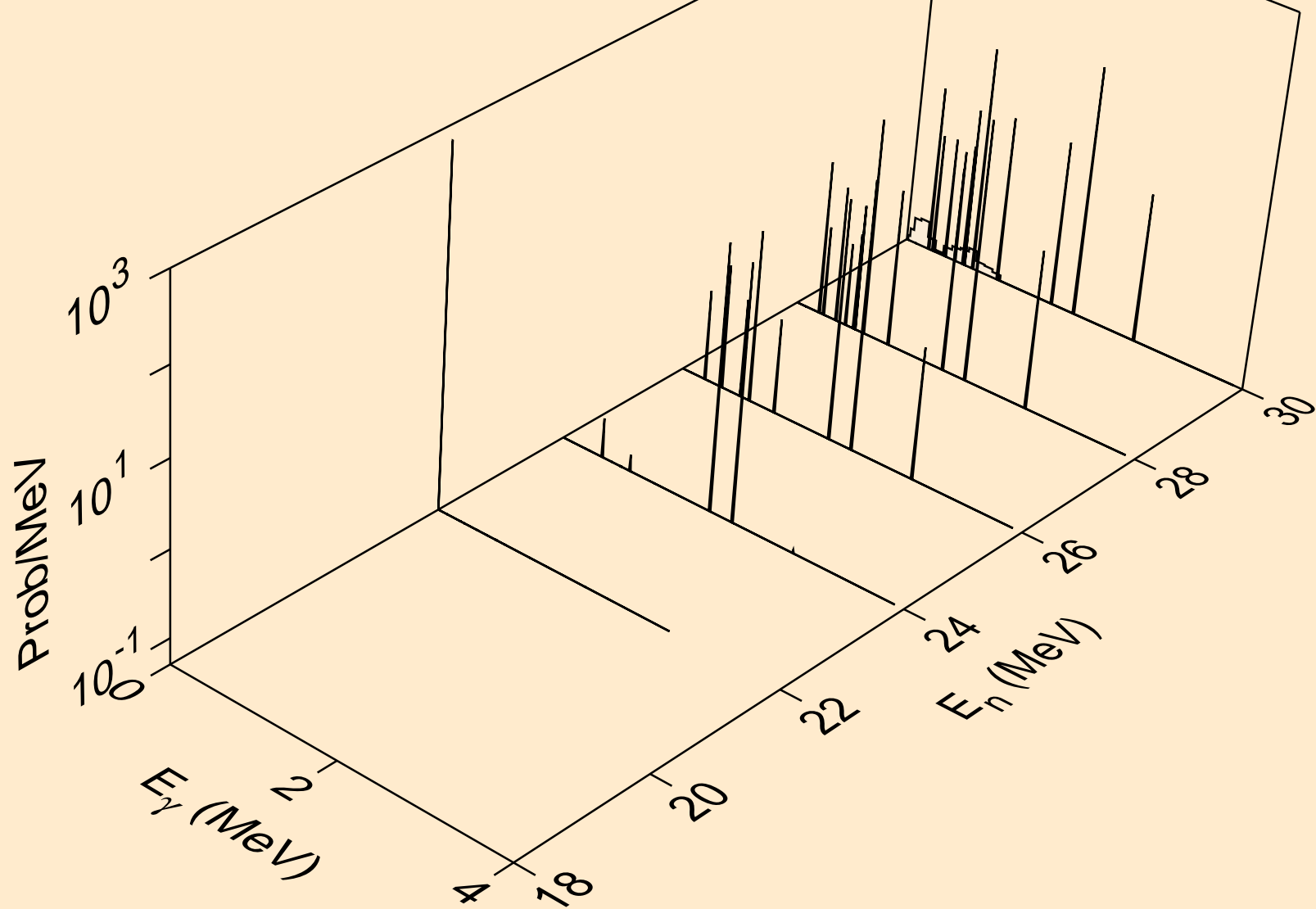
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Photon emission for (n,p $\alpha$ )



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

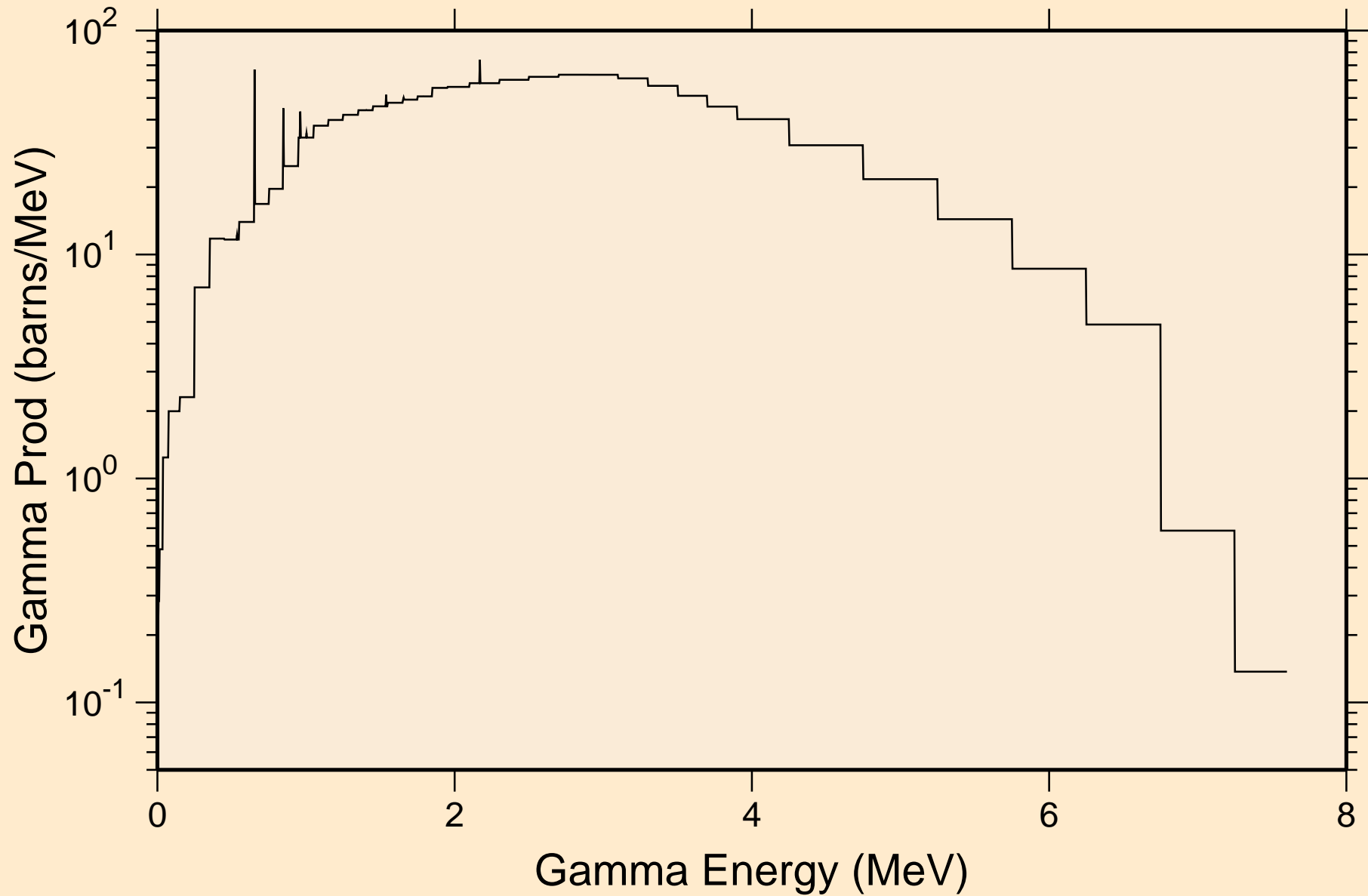


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Photon emission for (n,pt)

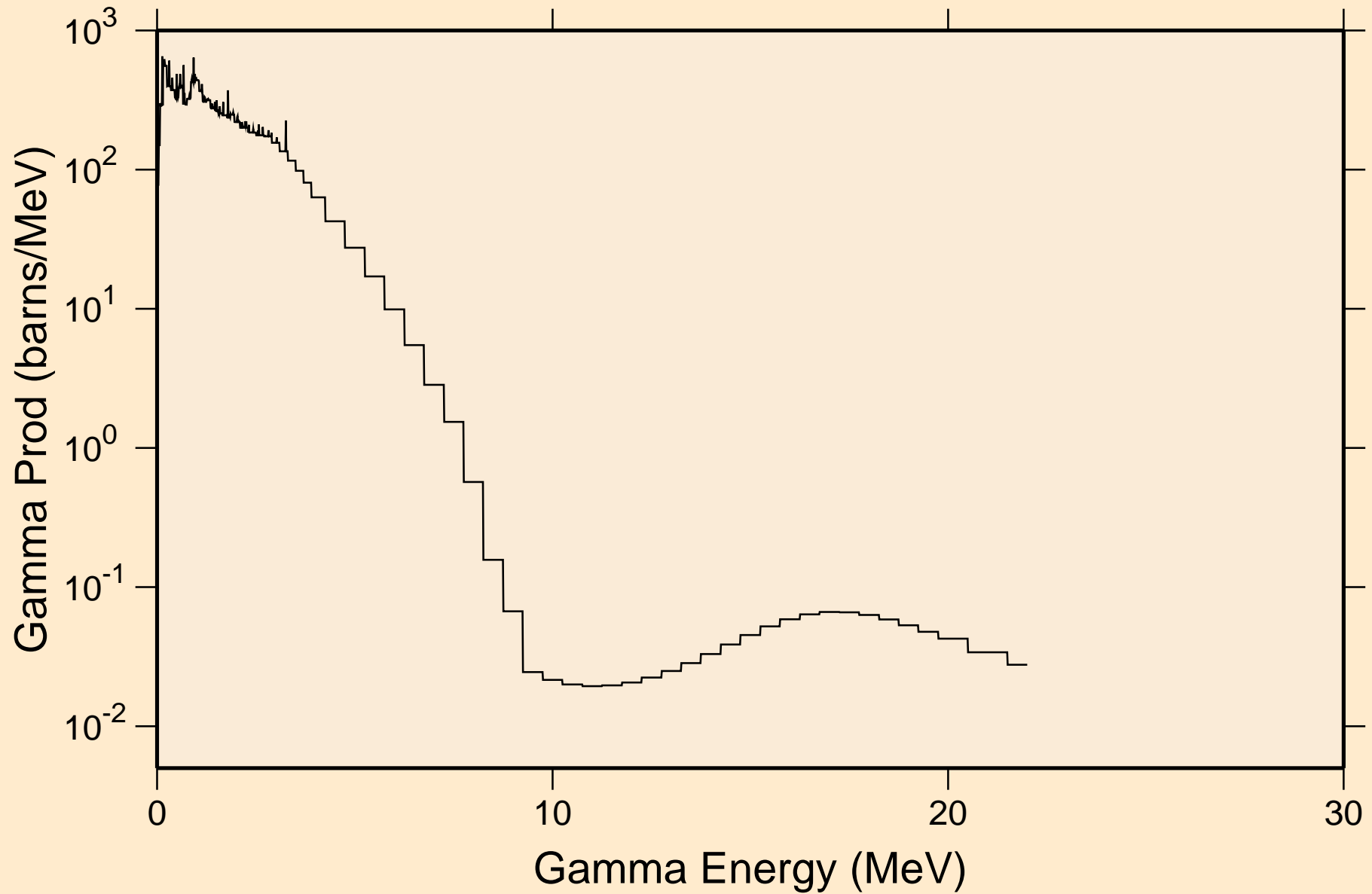




ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

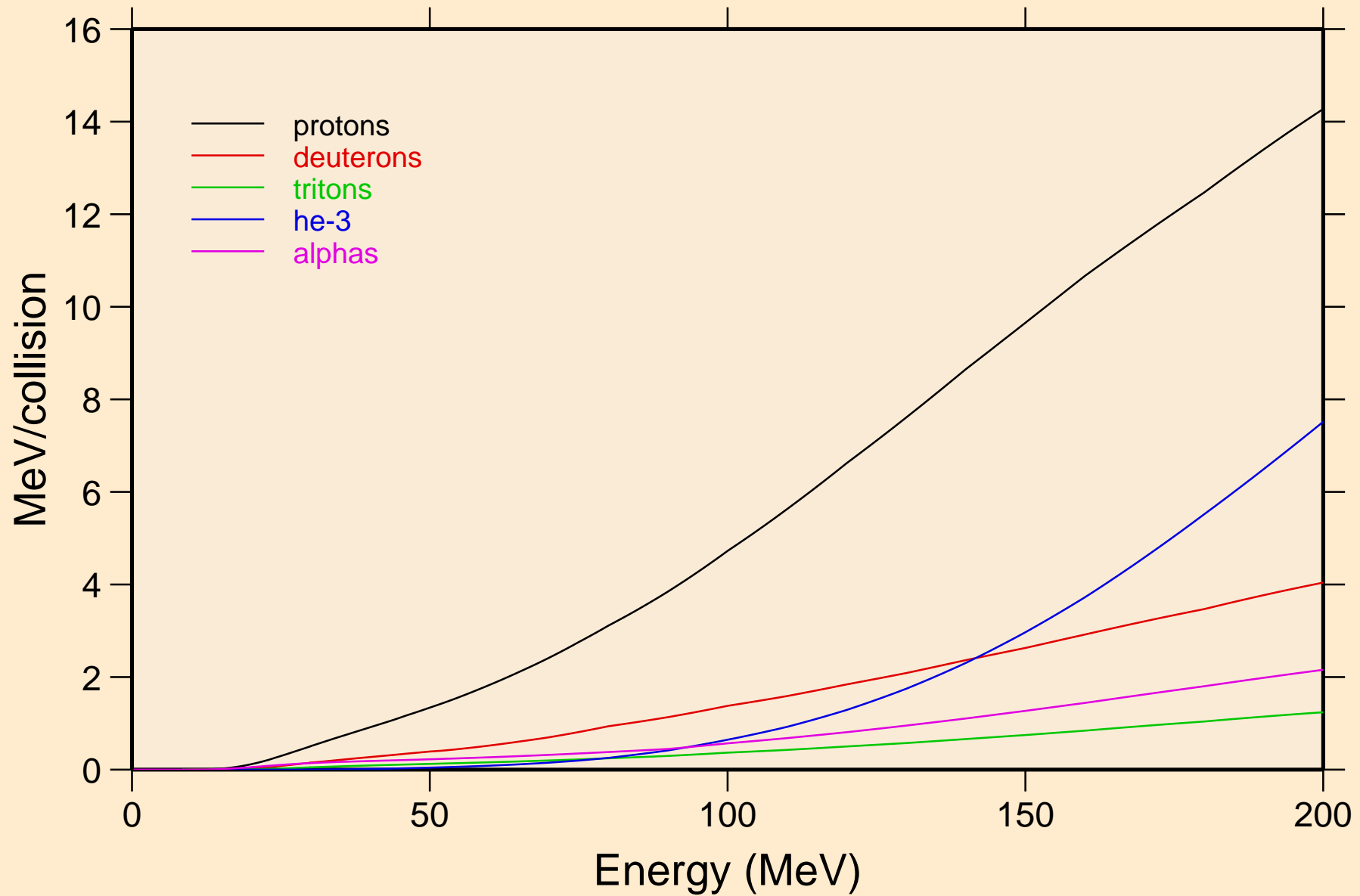


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



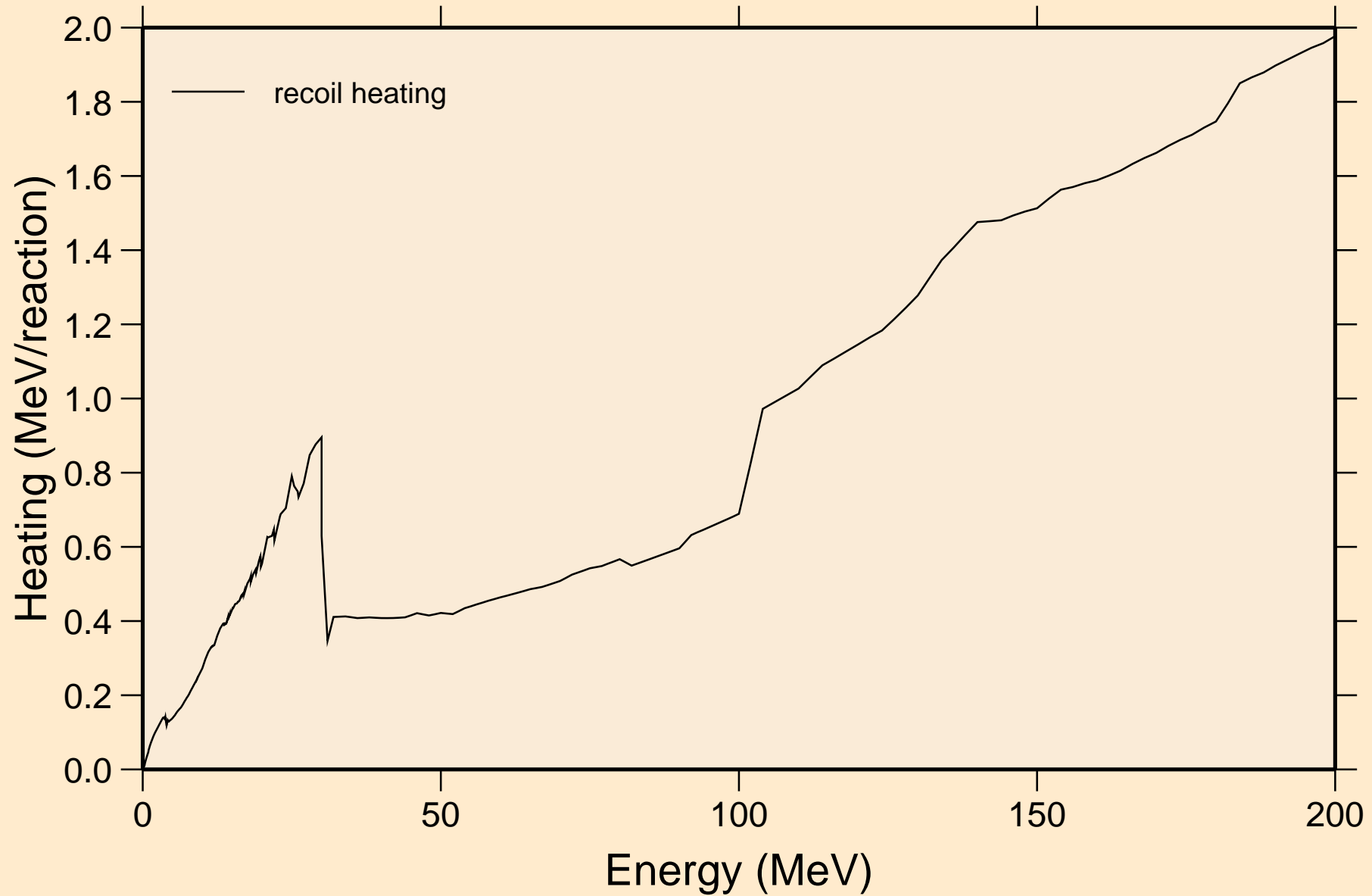
# ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

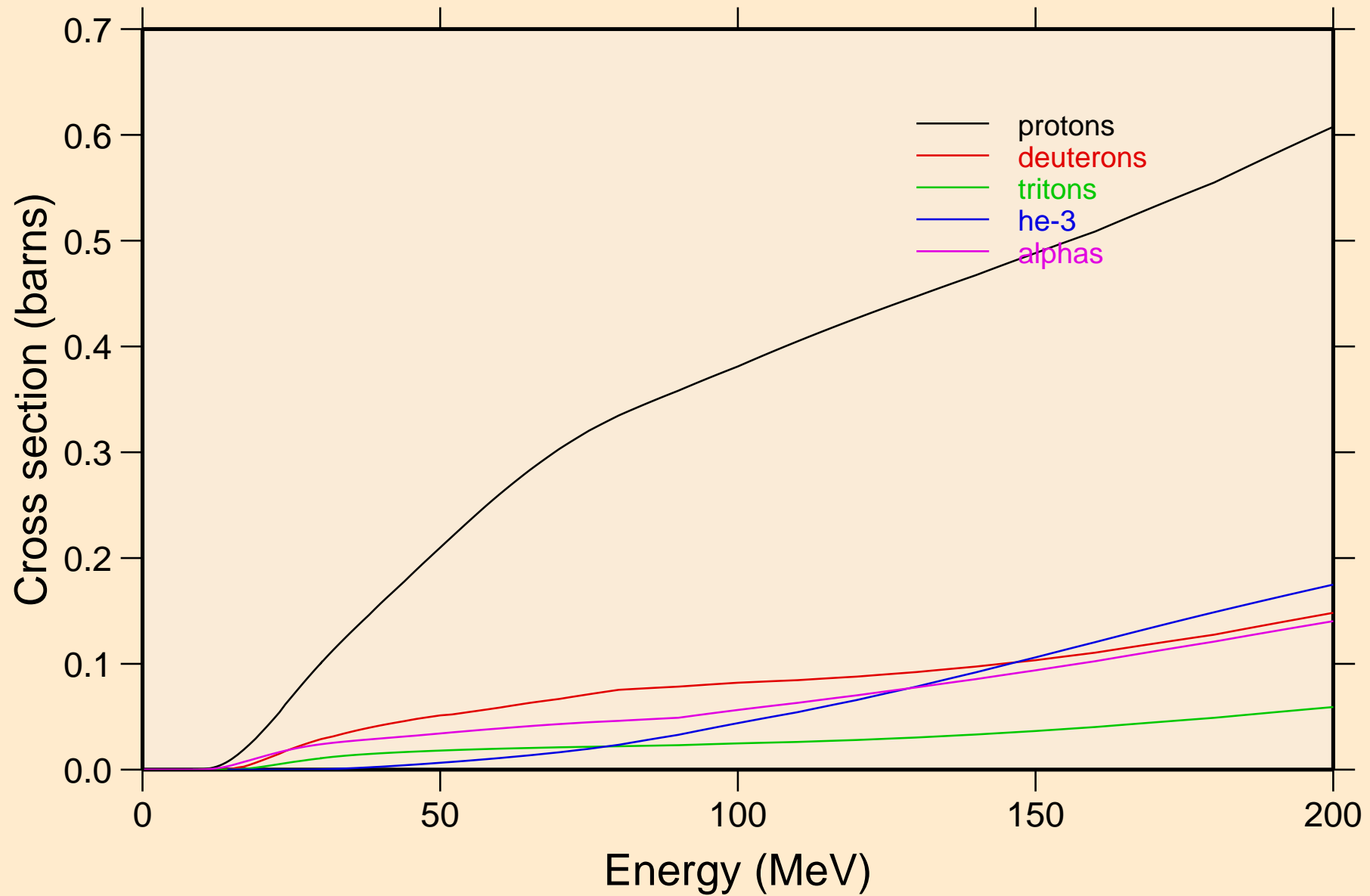


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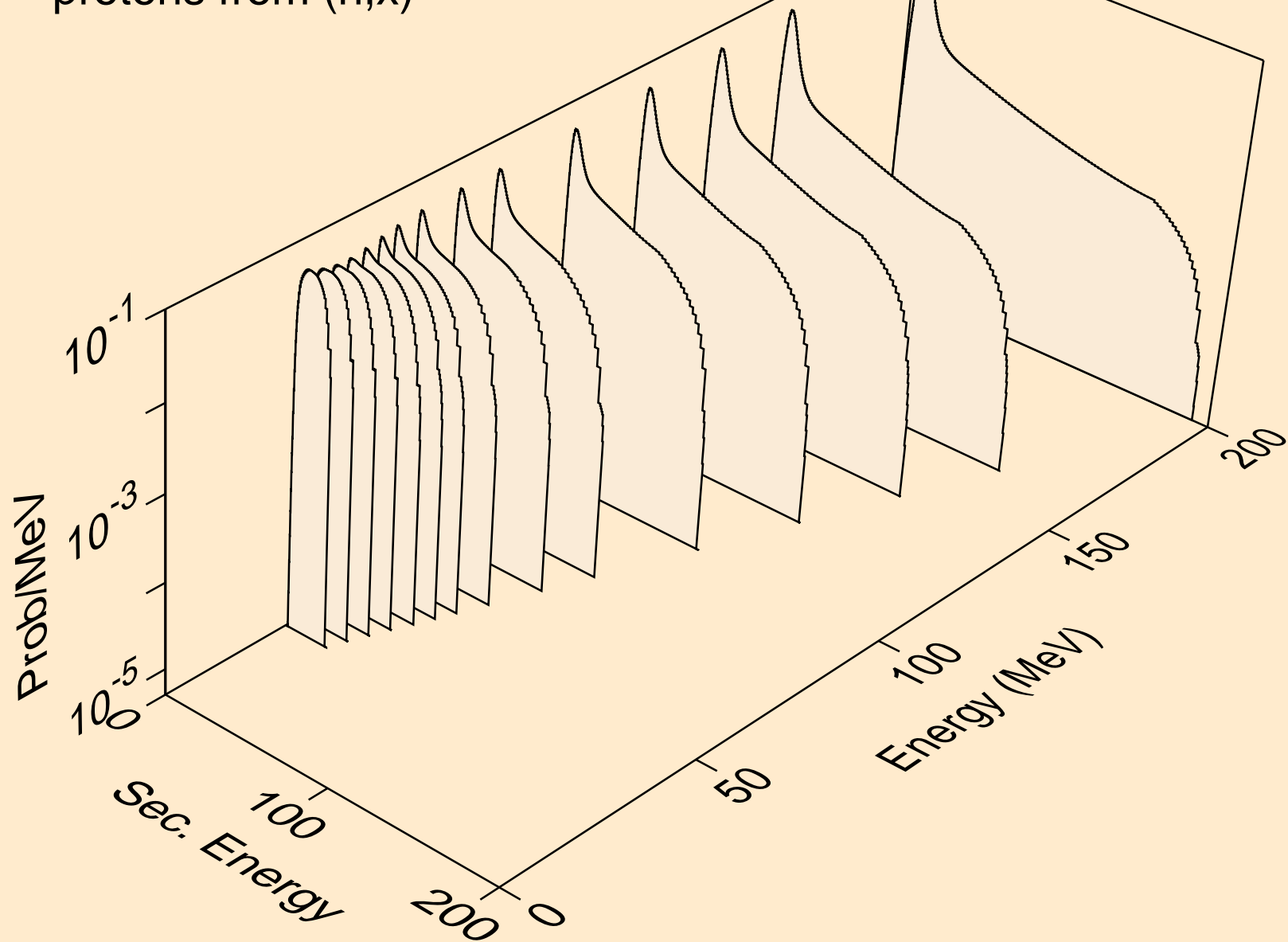
## Recoil Heating



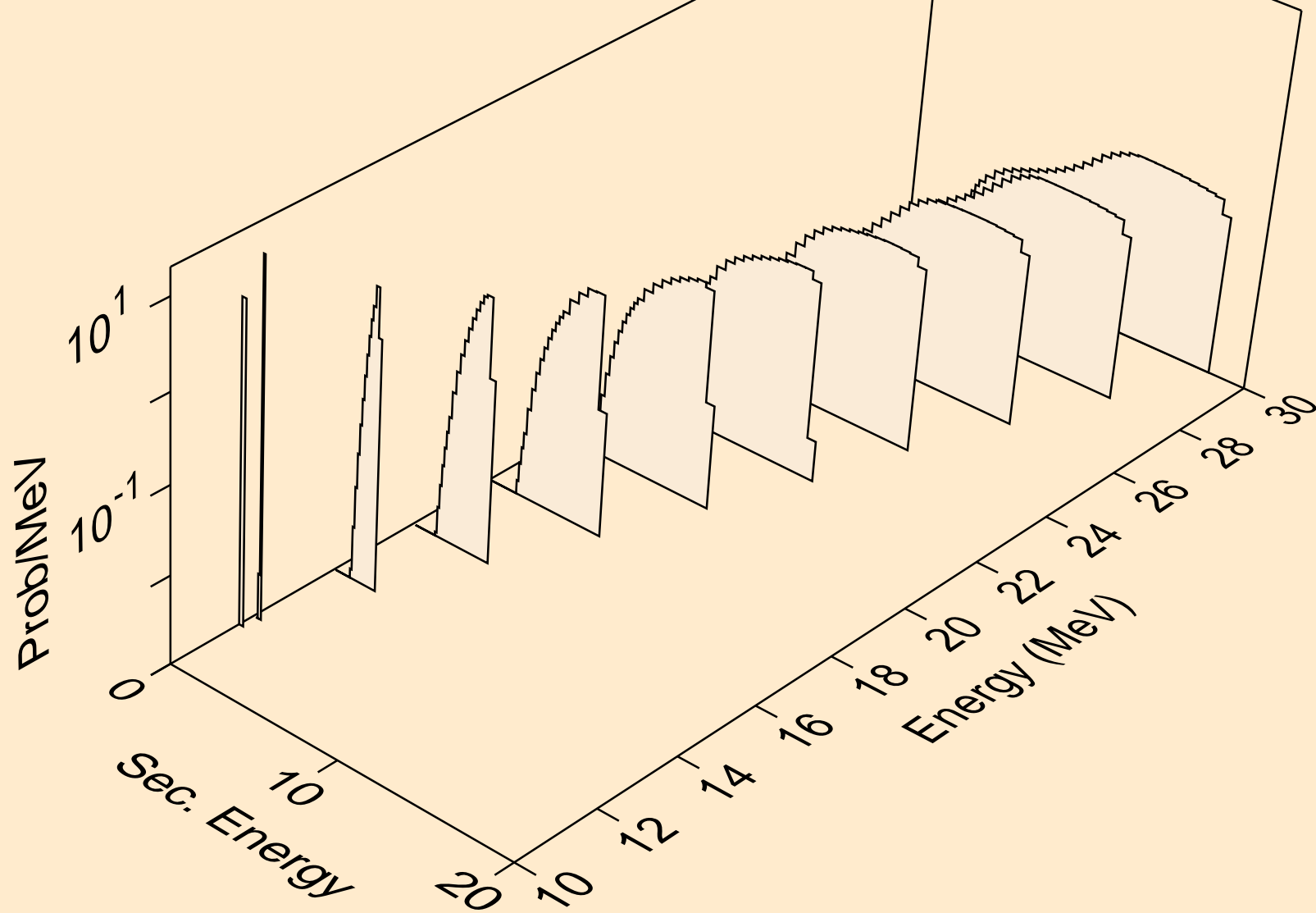
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



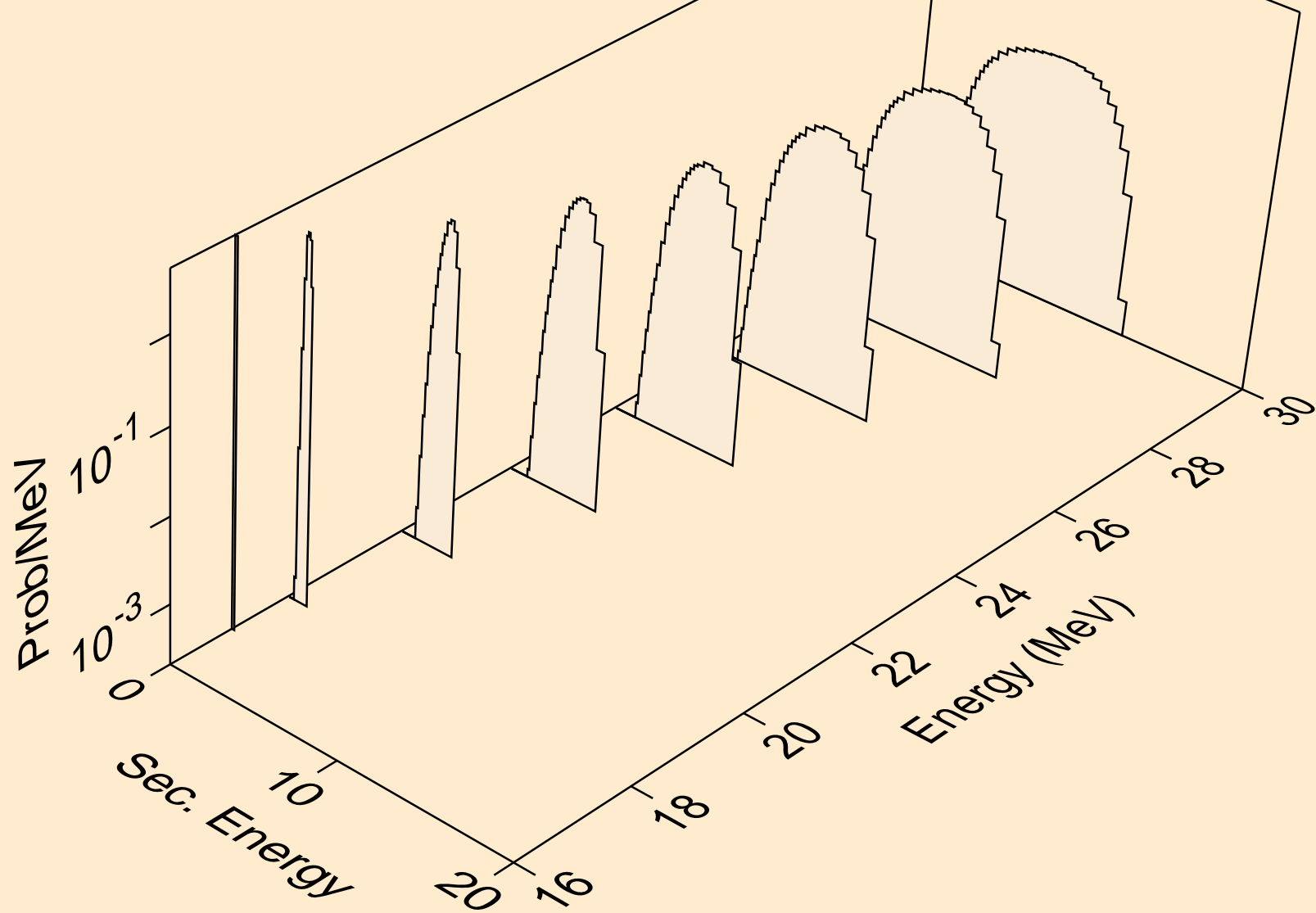
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

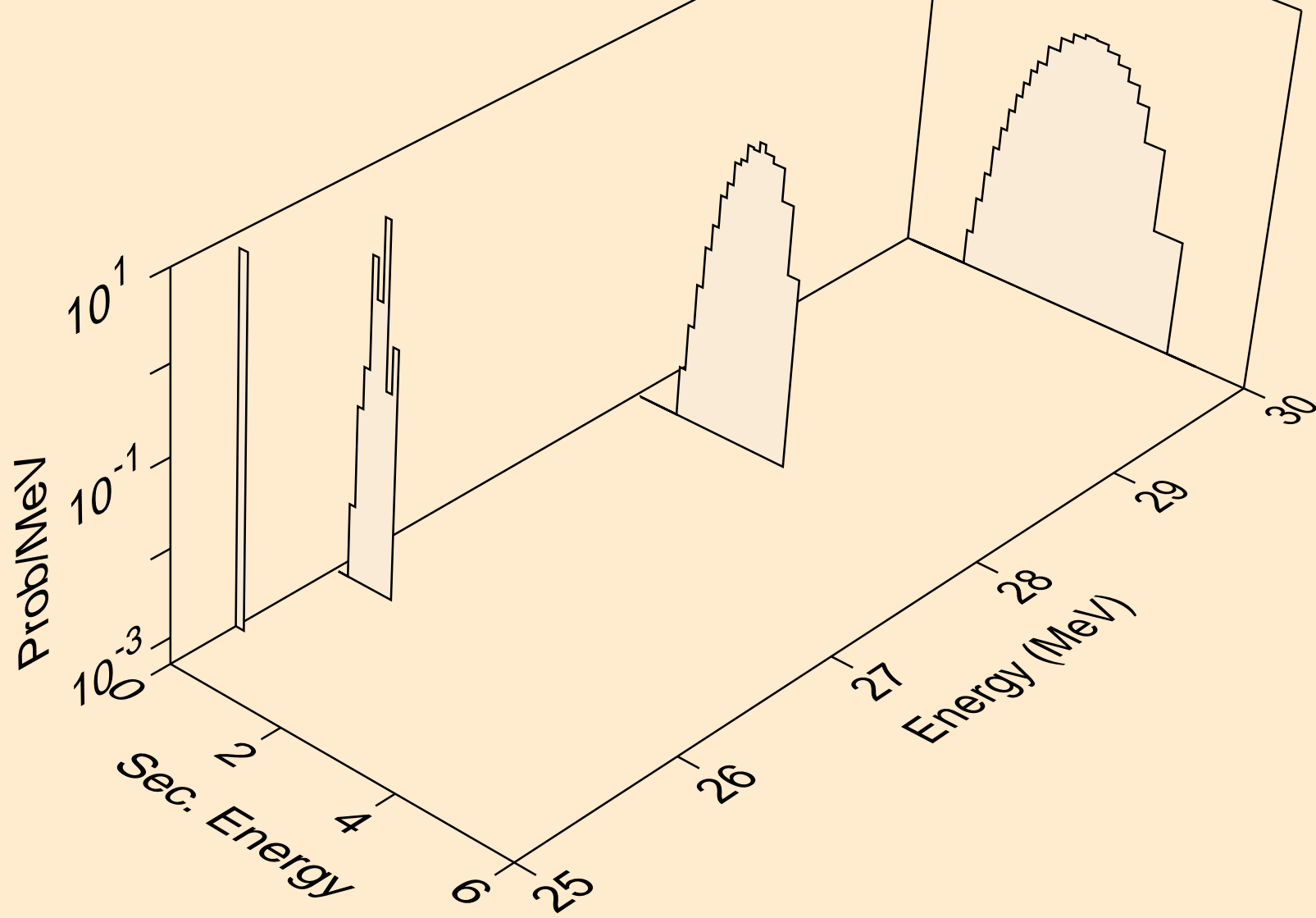


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protons from (n,2np)

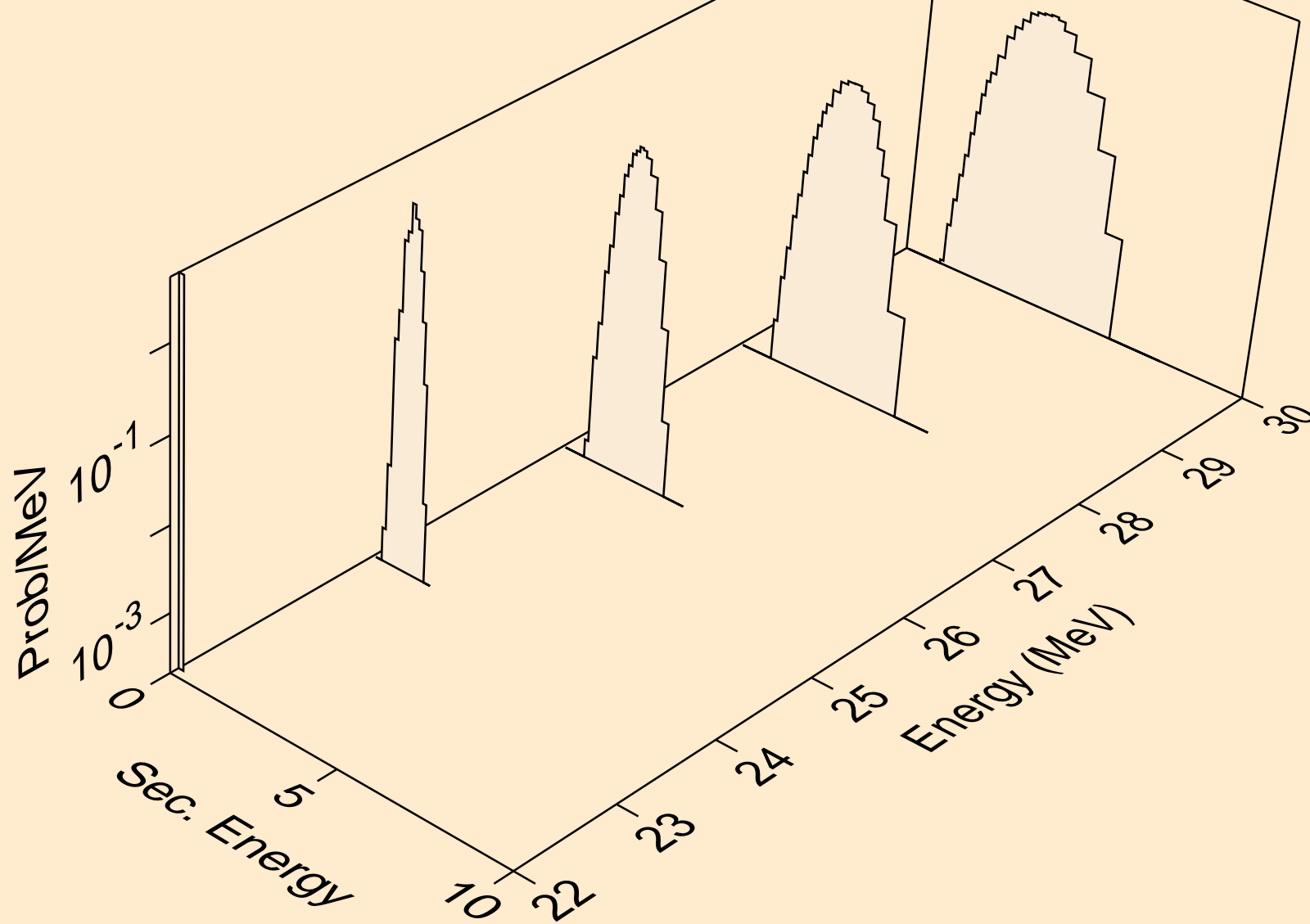




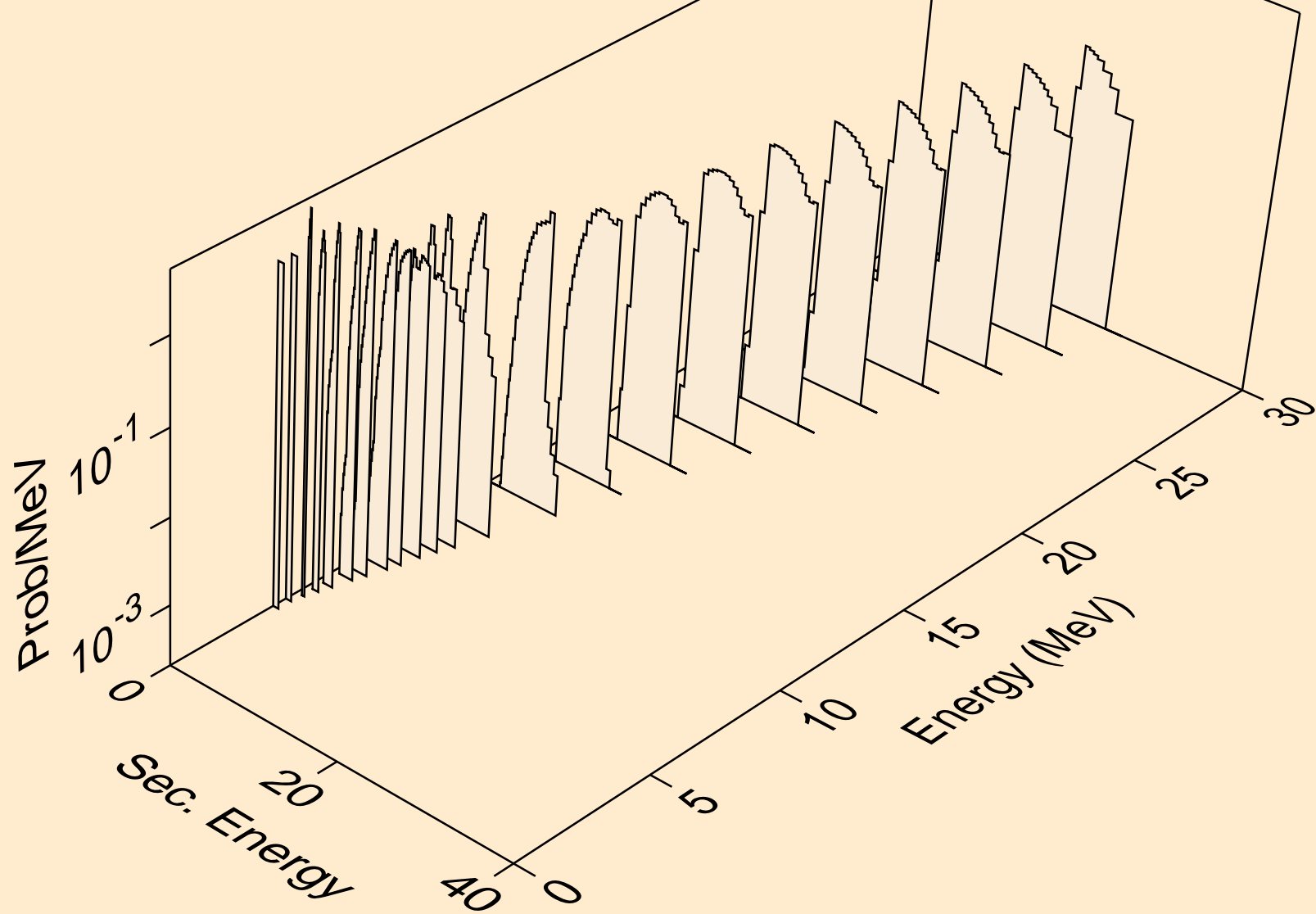
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protons from (n,3np)



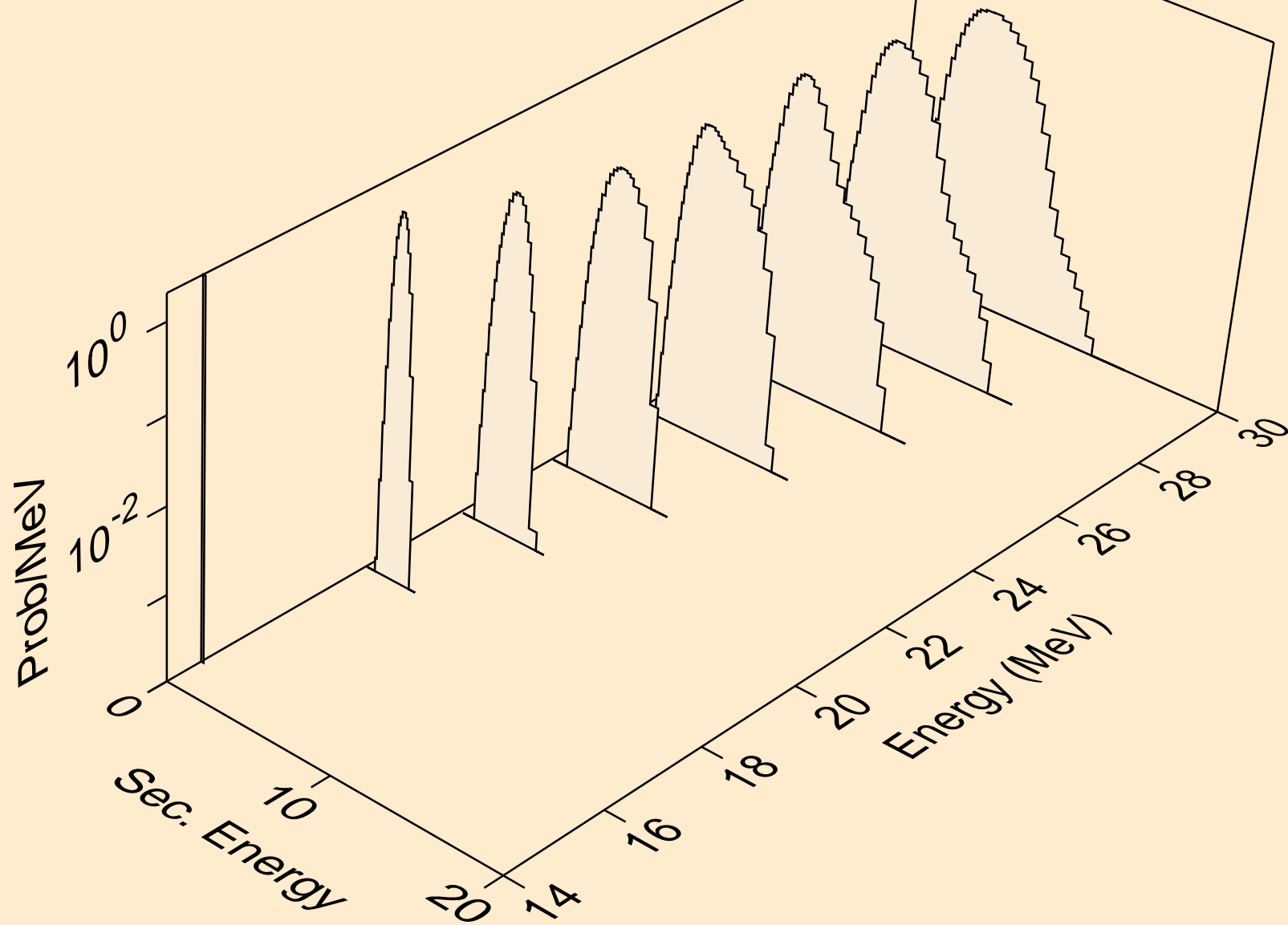
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protons from (n,n2p)



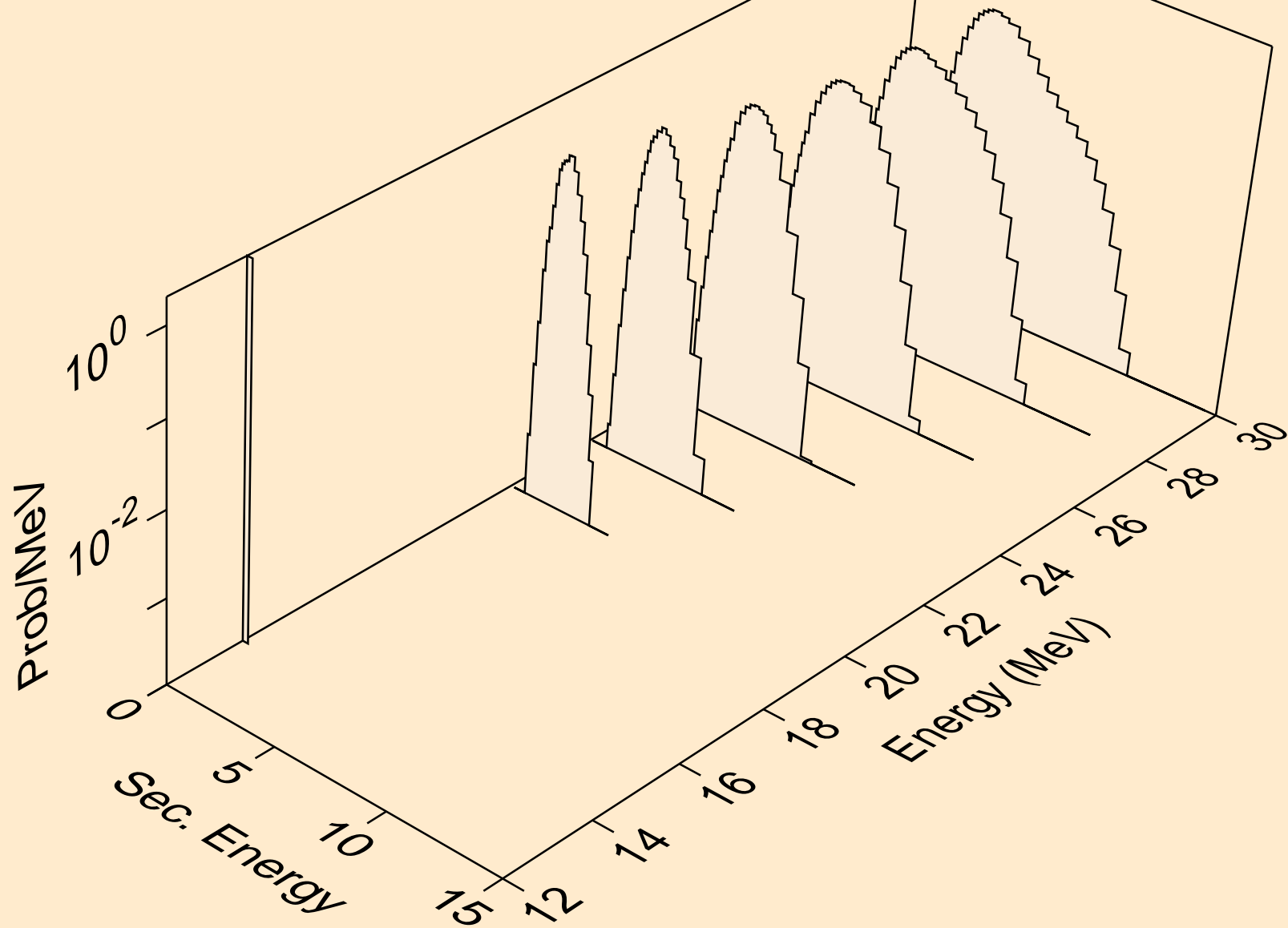
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protons from (n,p)



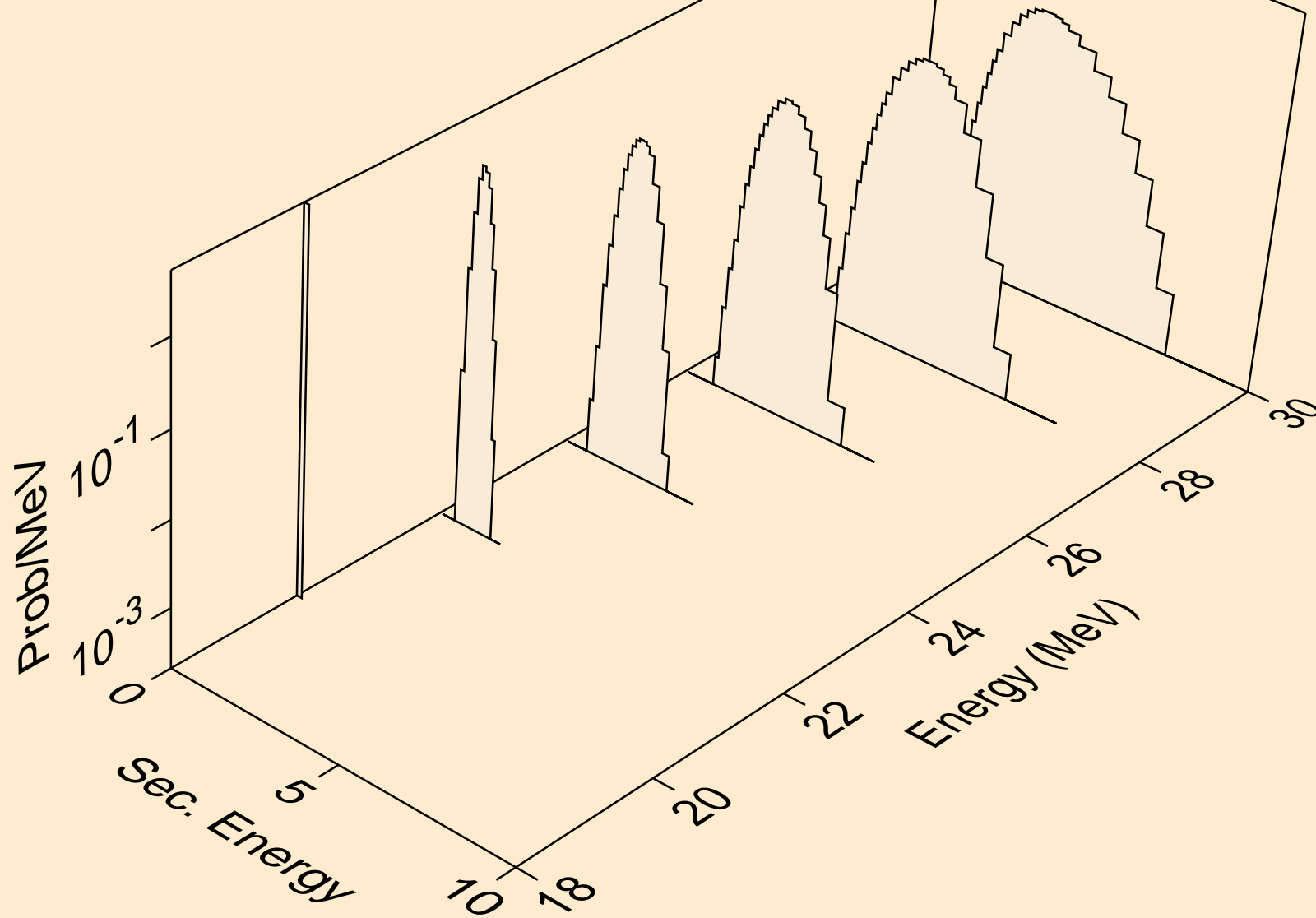
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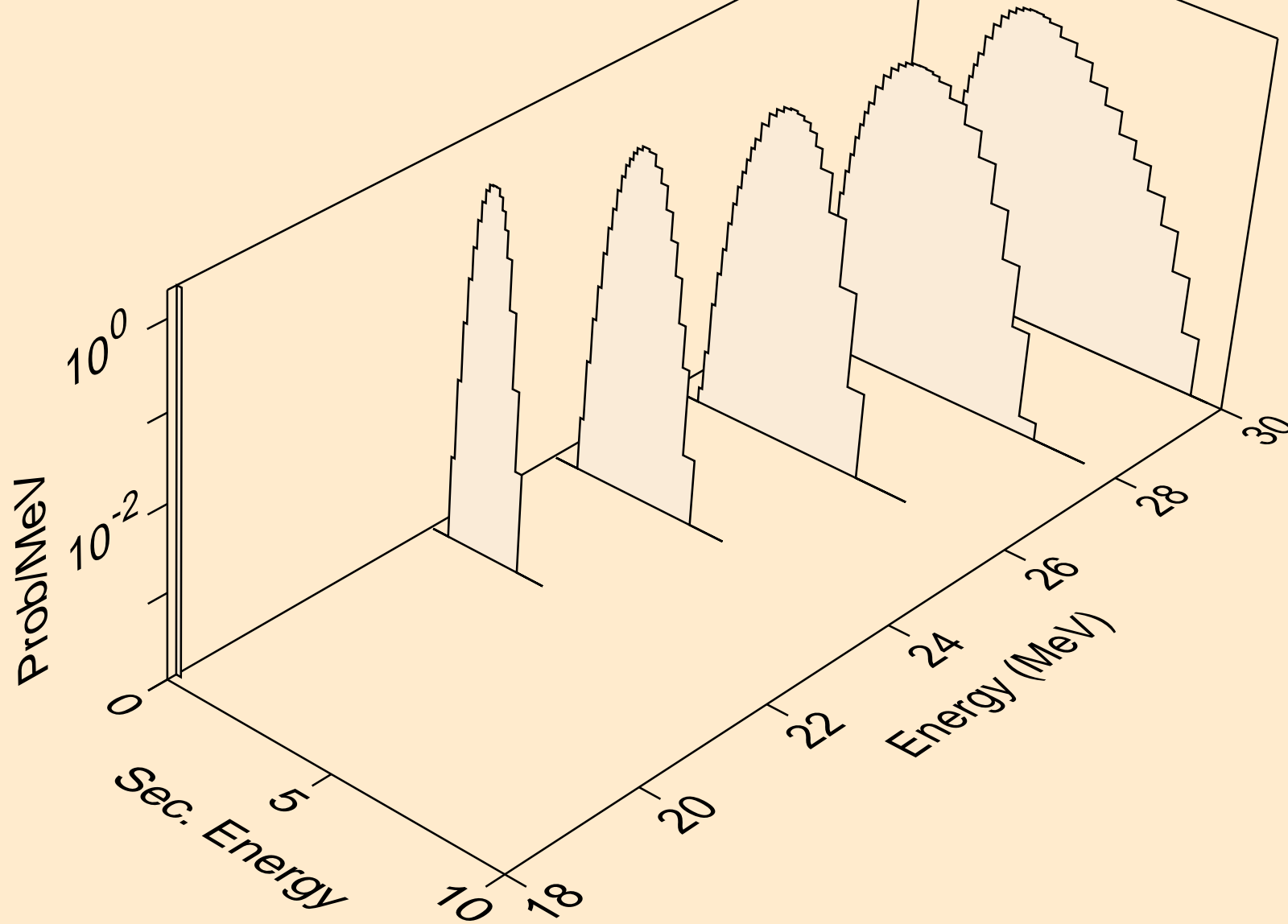
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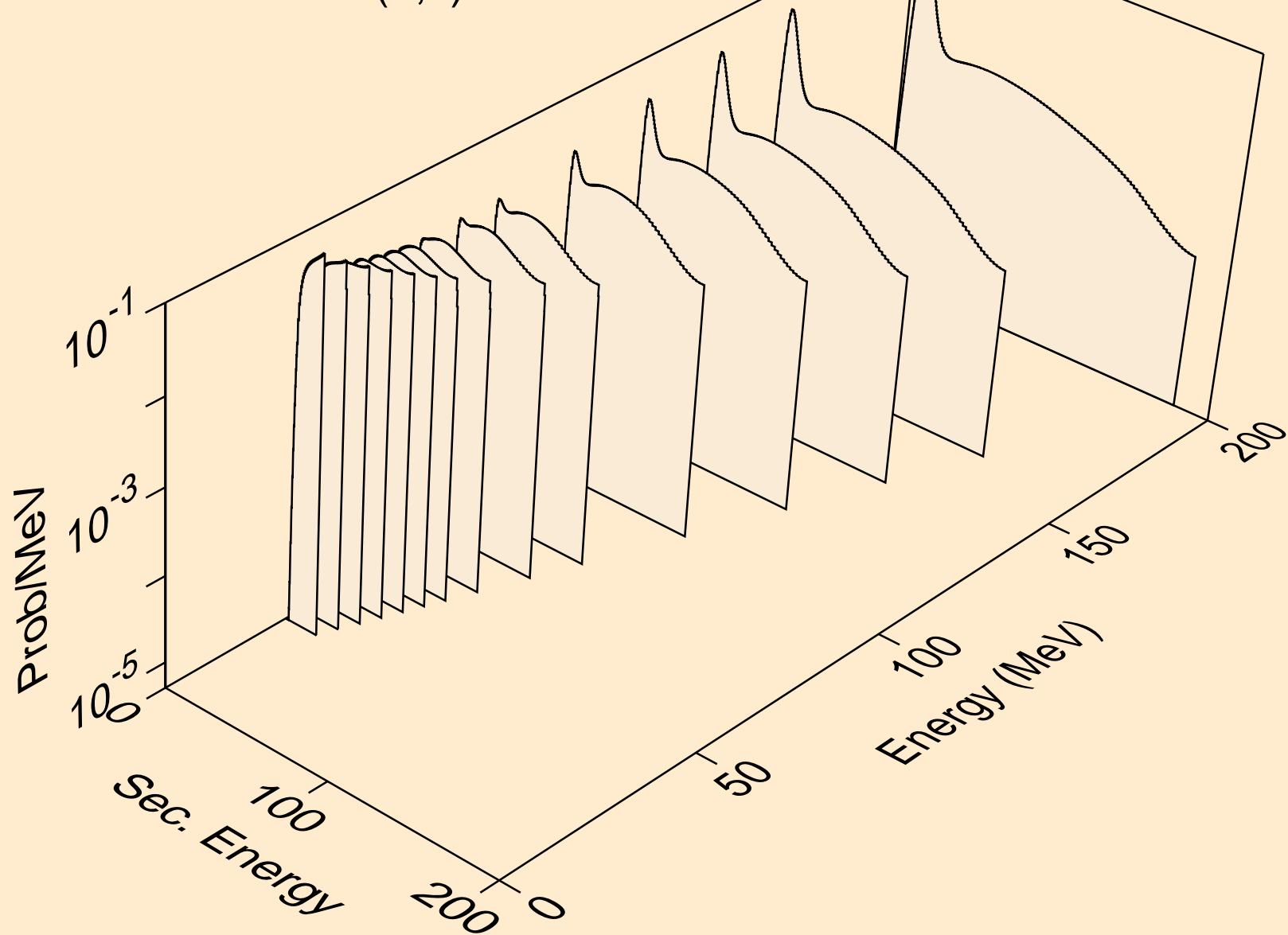
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protons from (n,pd)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

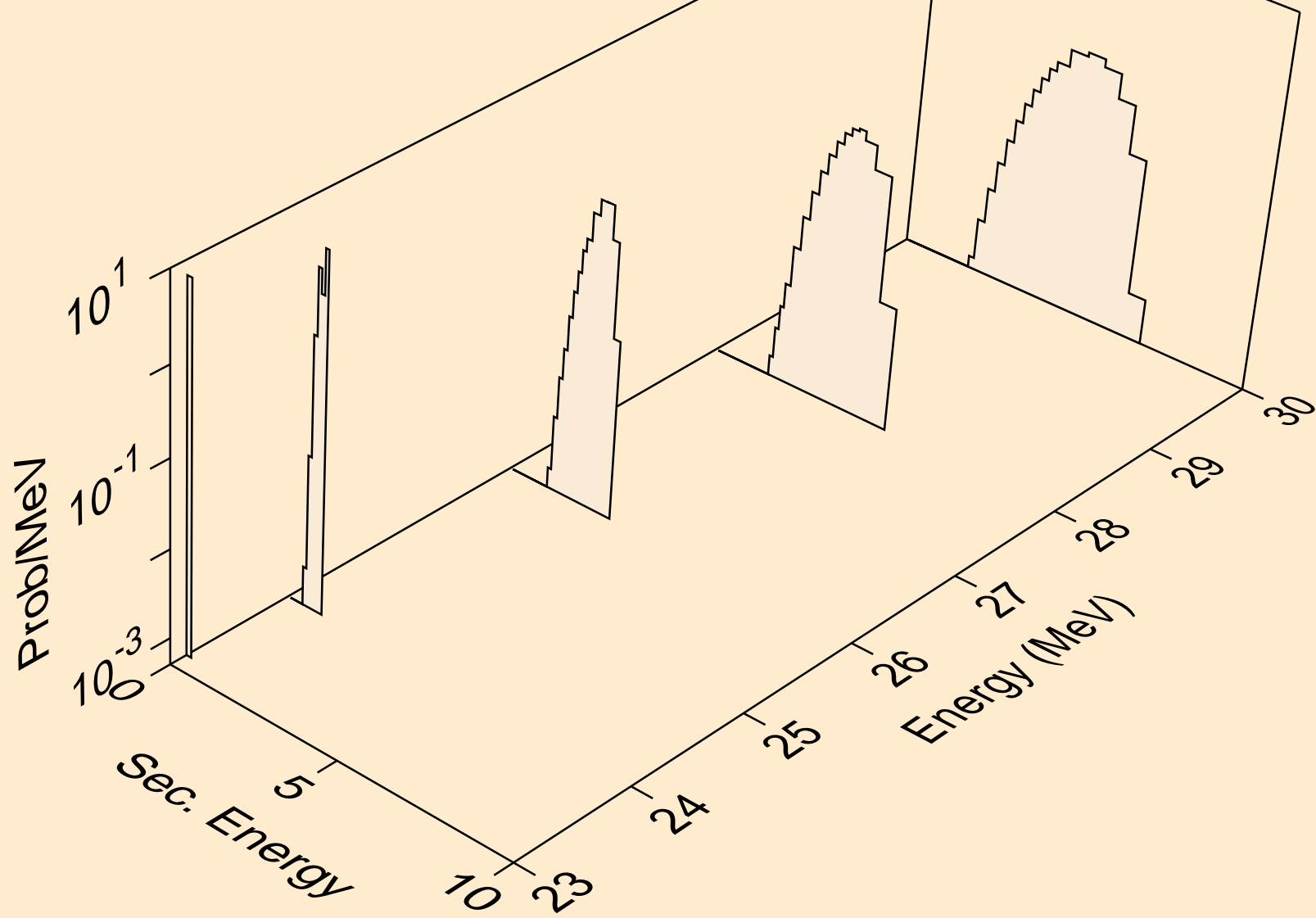


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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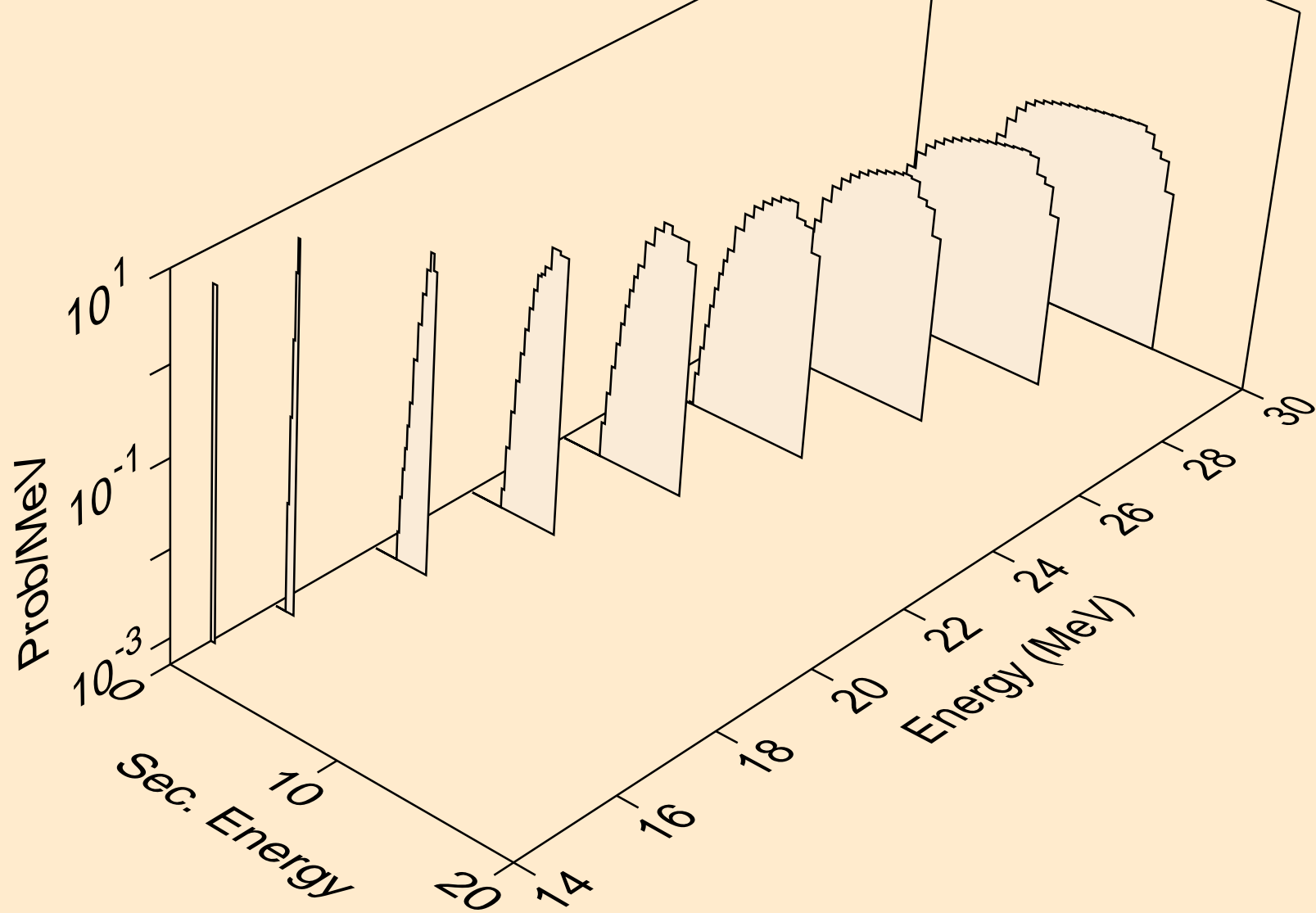




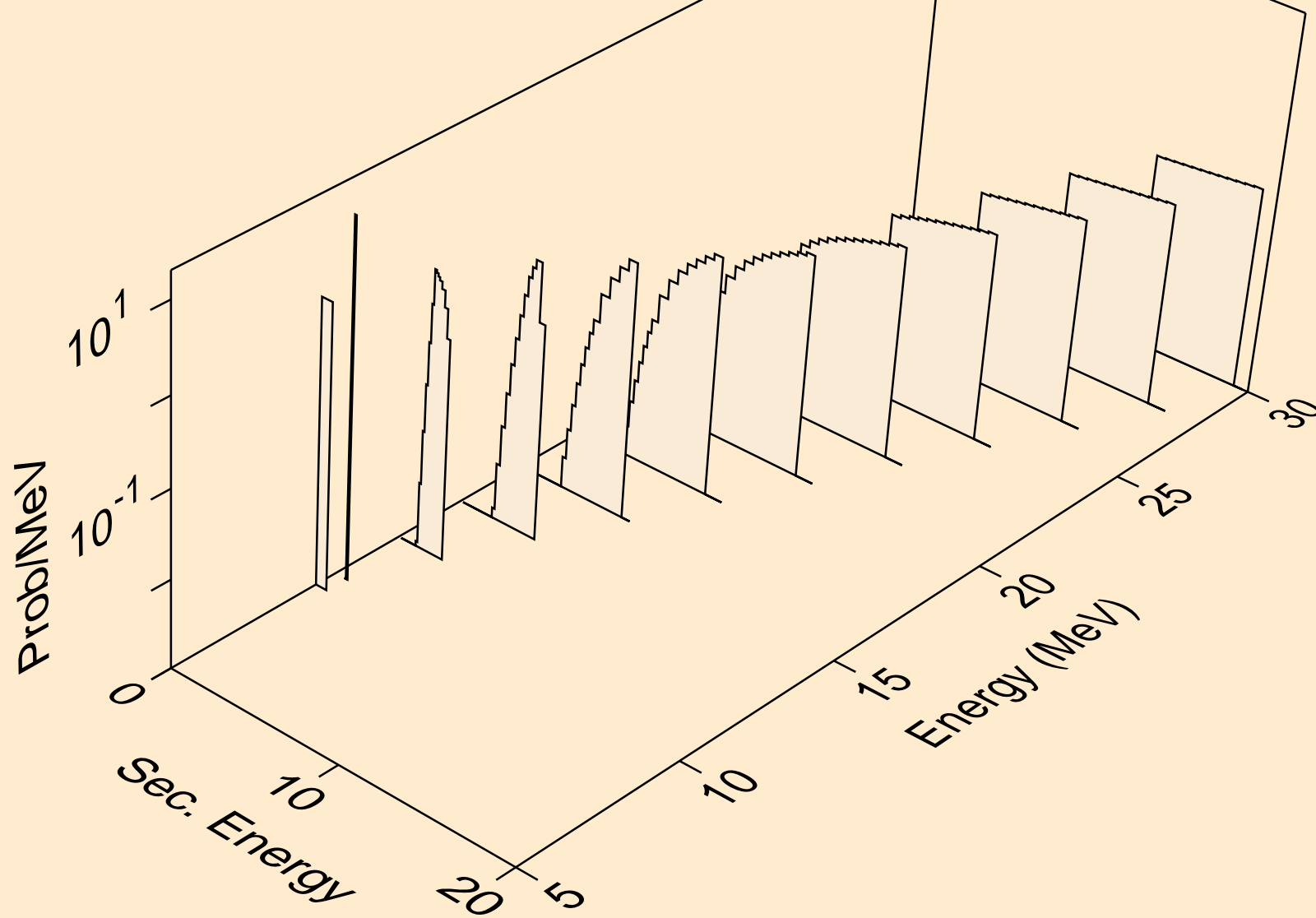
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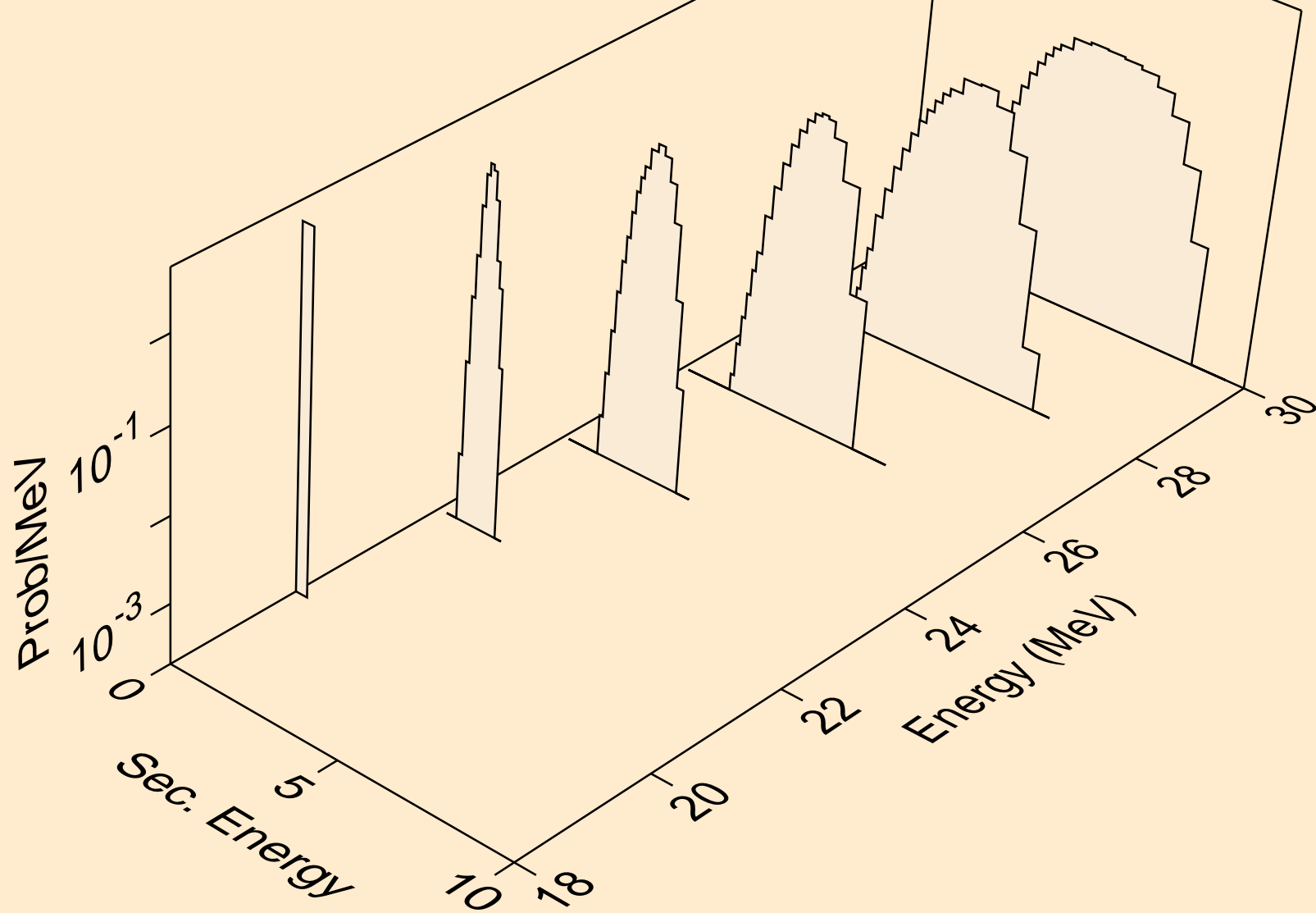
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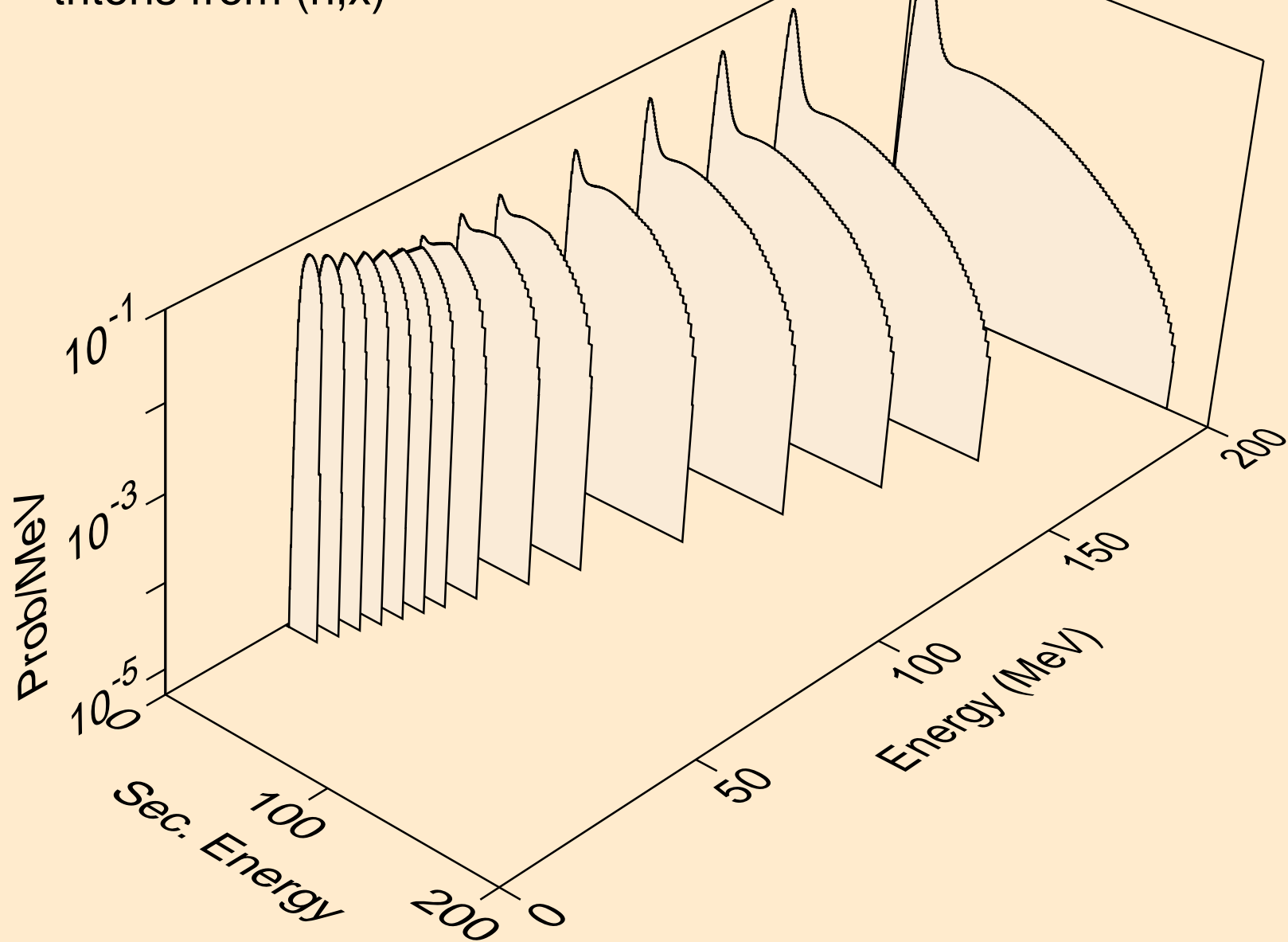
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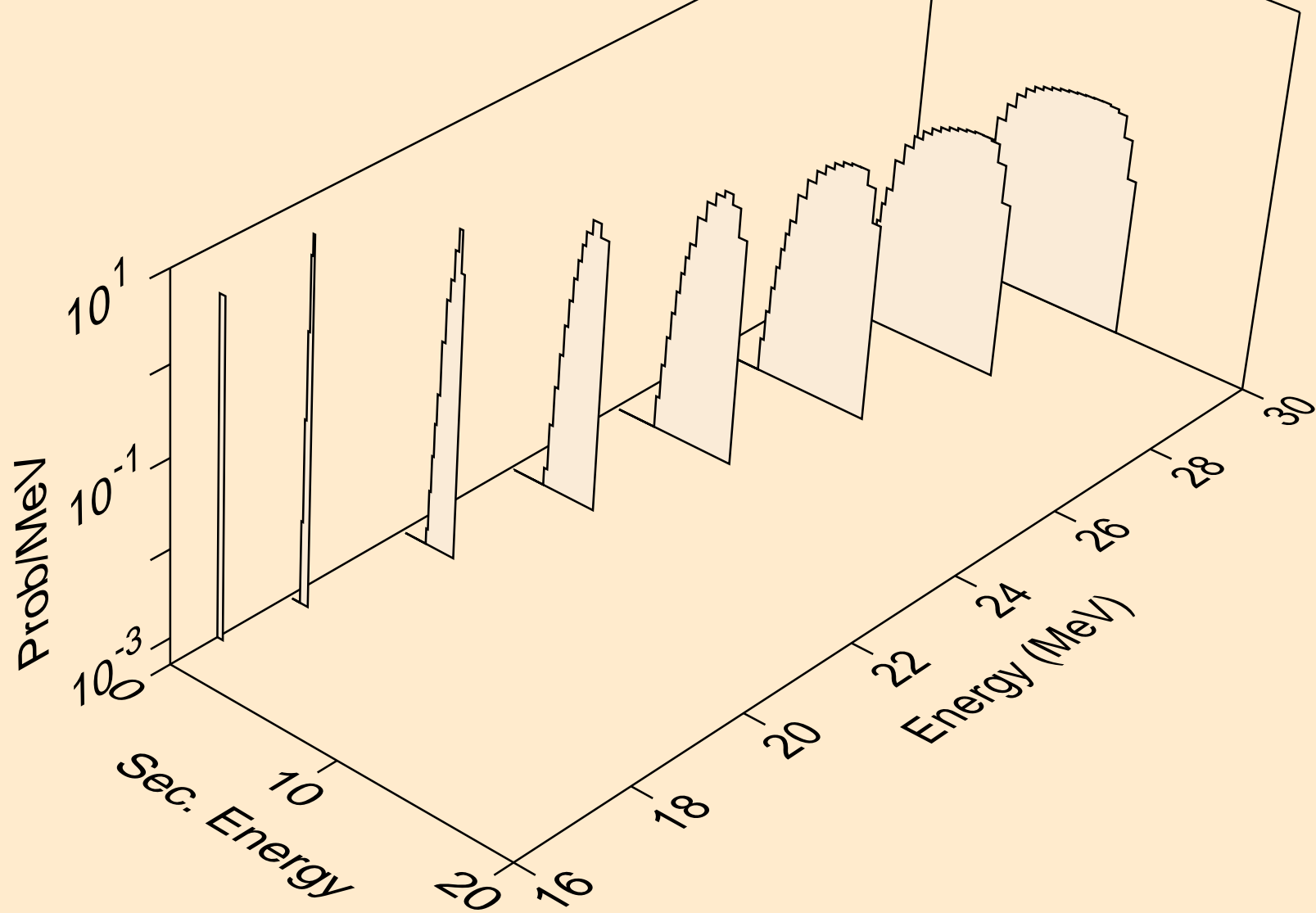
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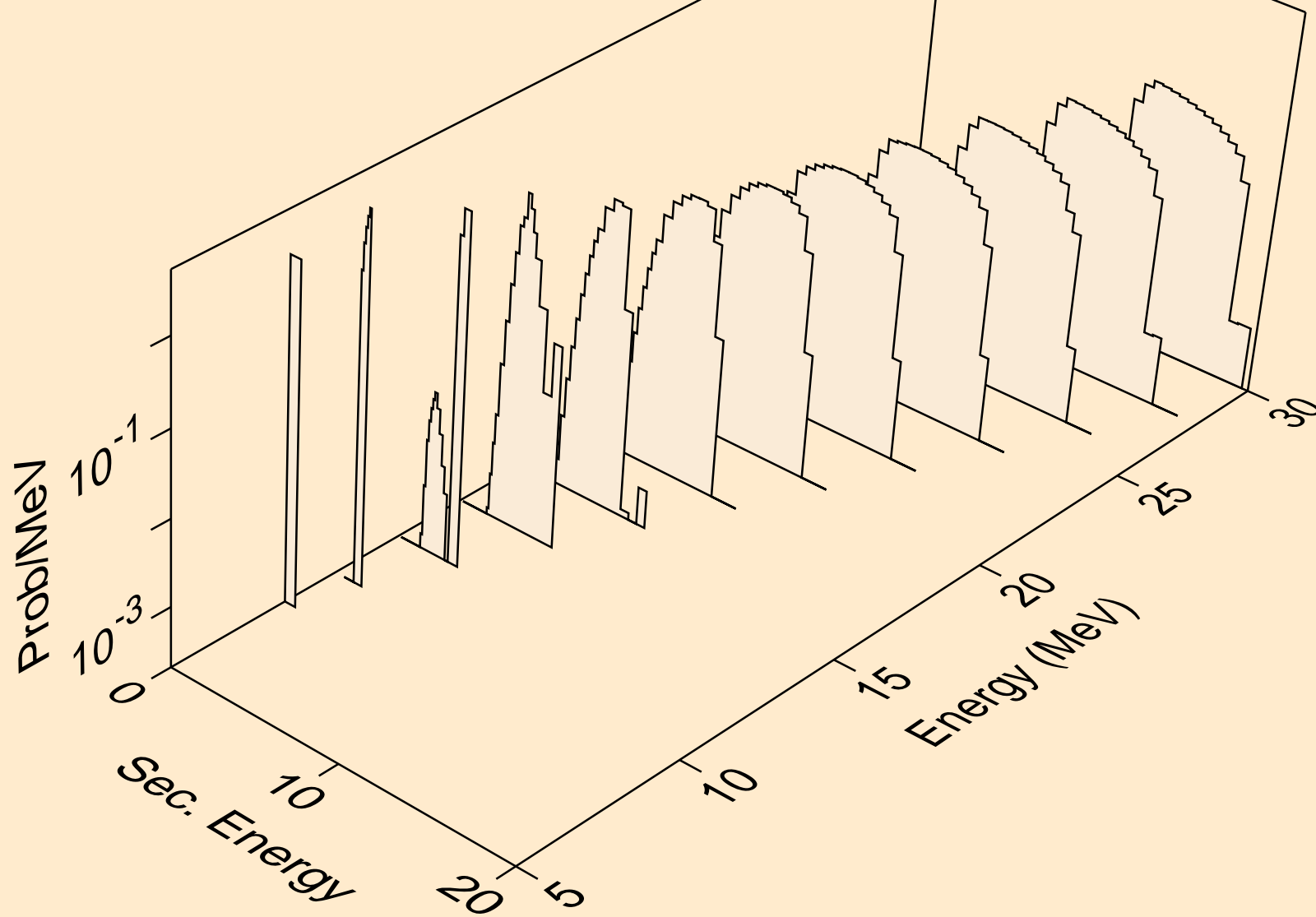
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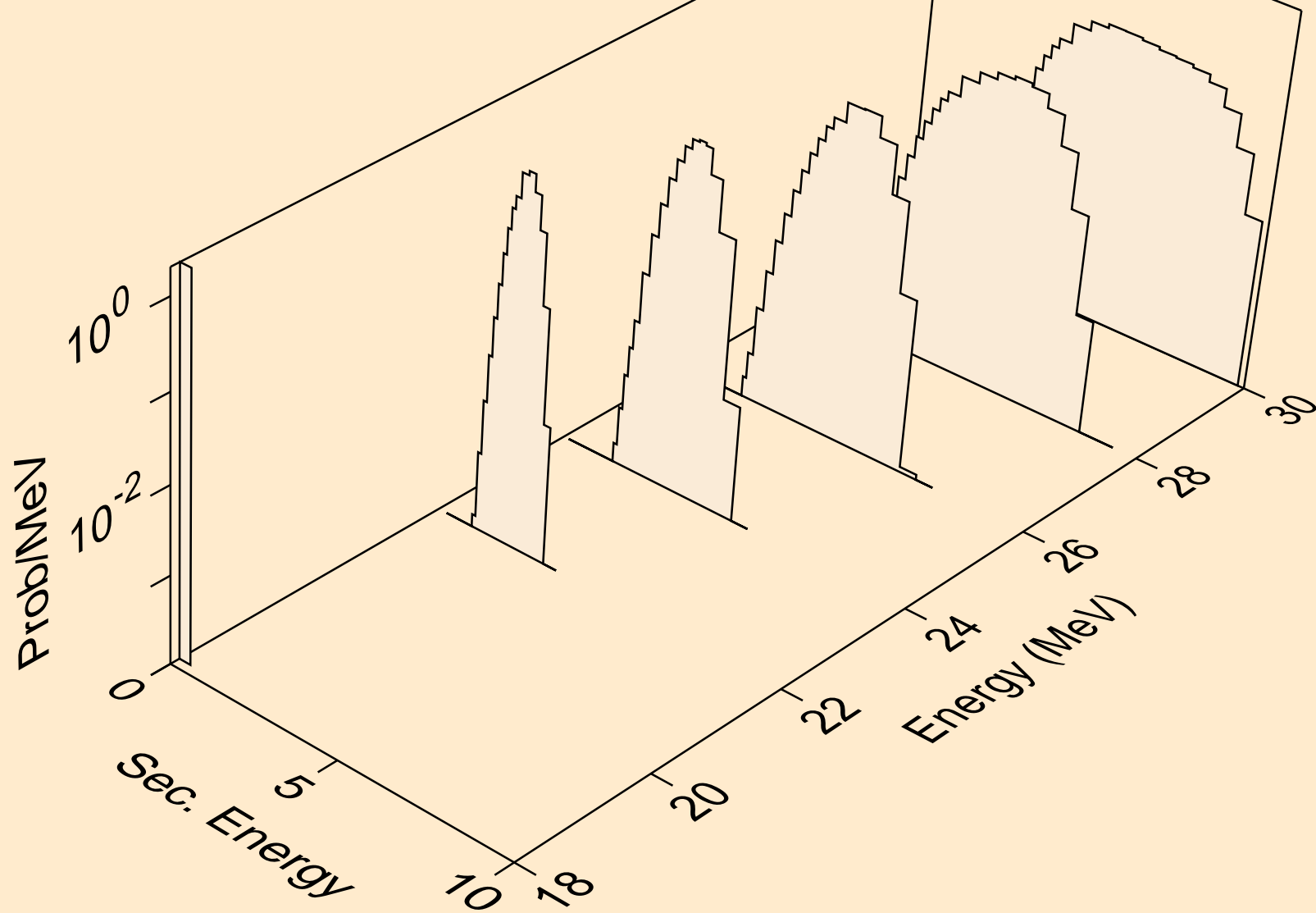
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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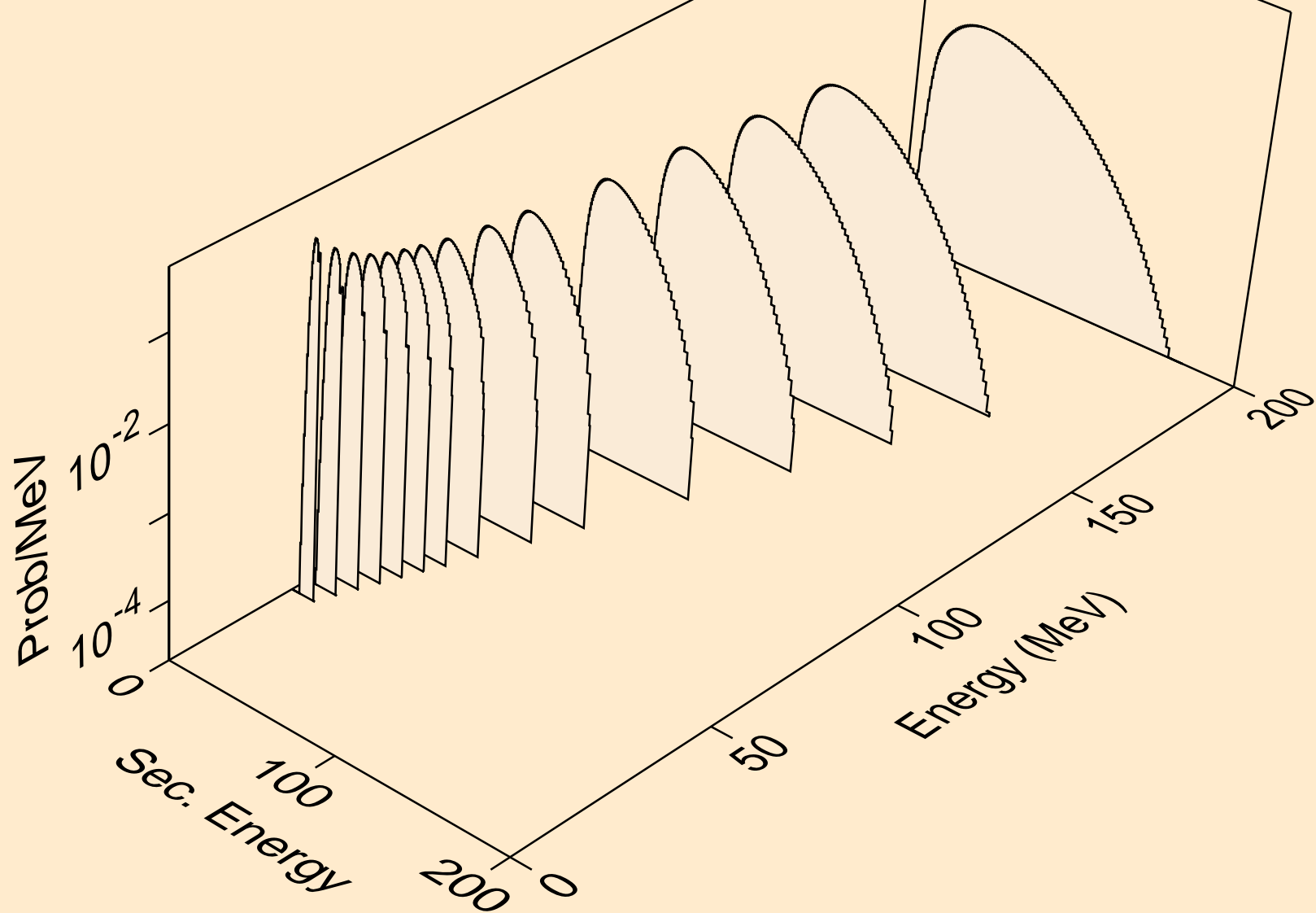


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tritons from (n,pt)

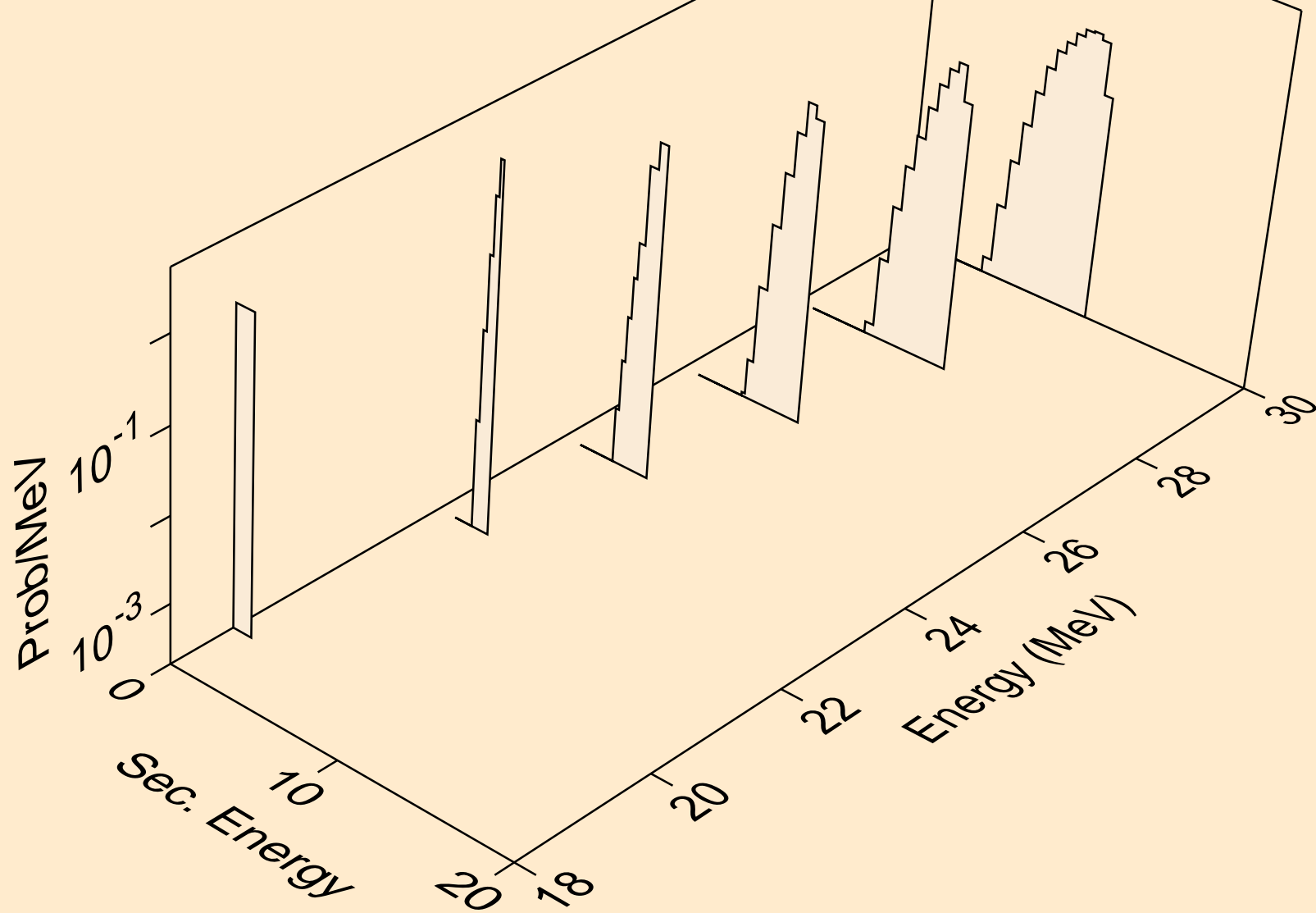




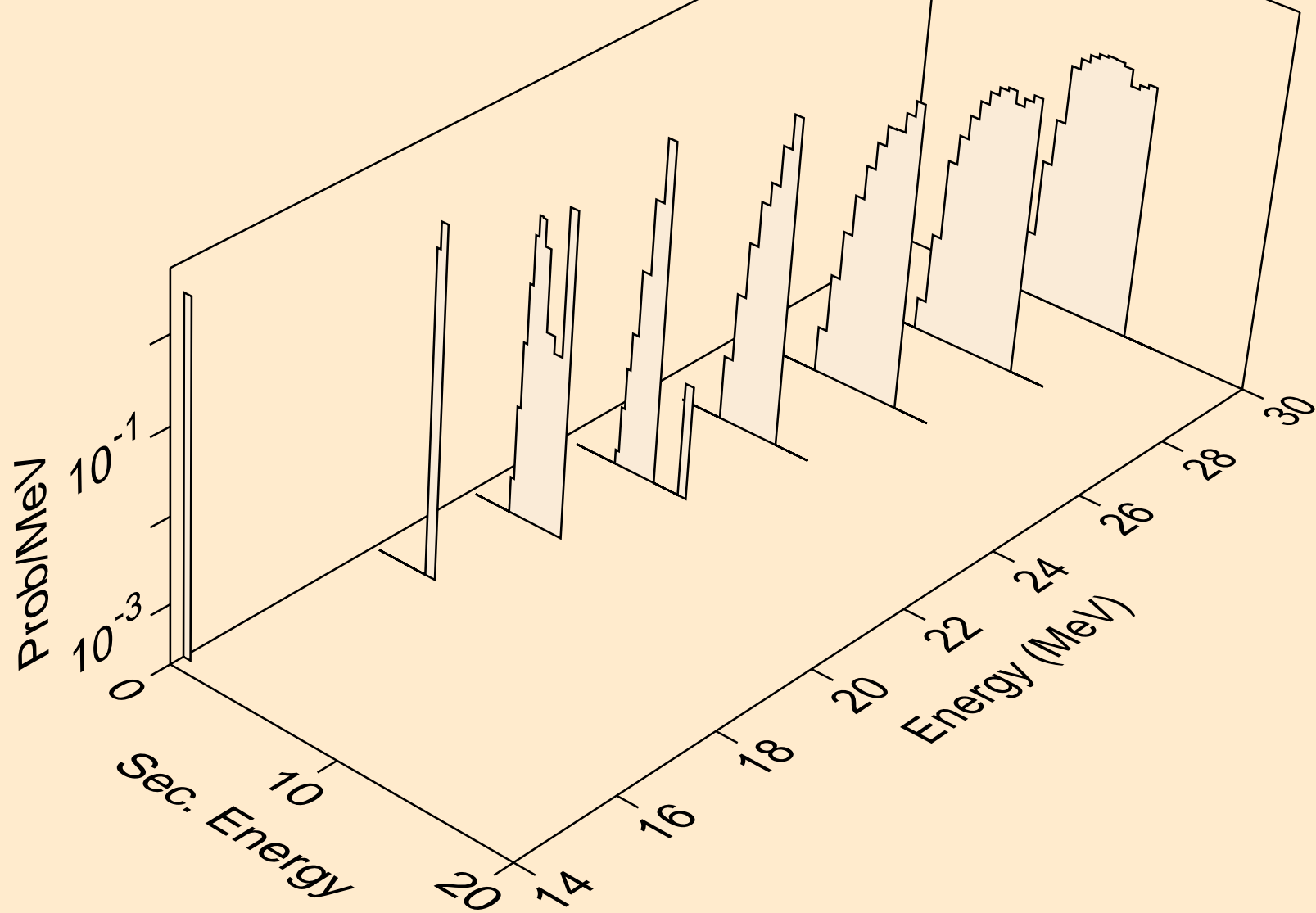
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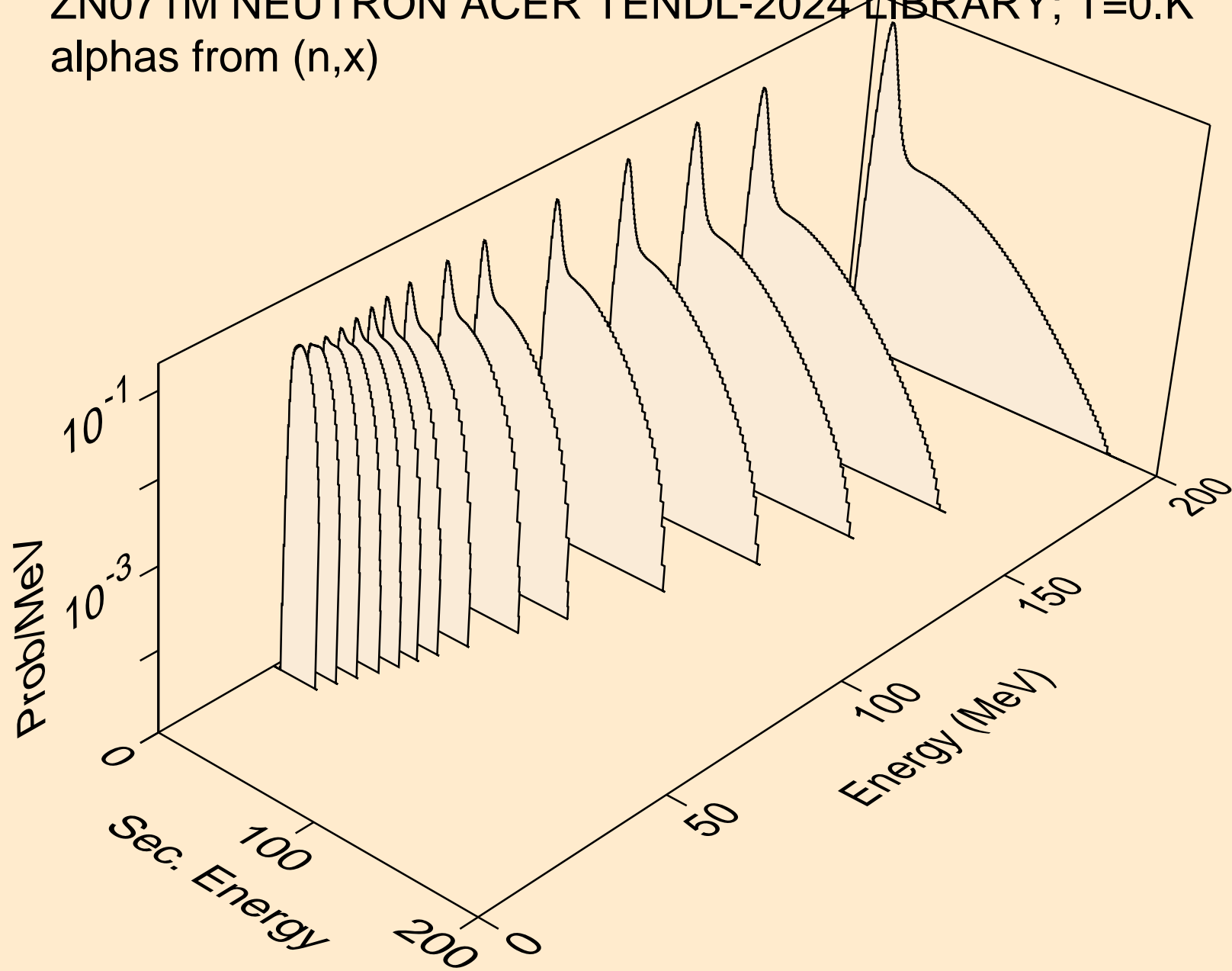
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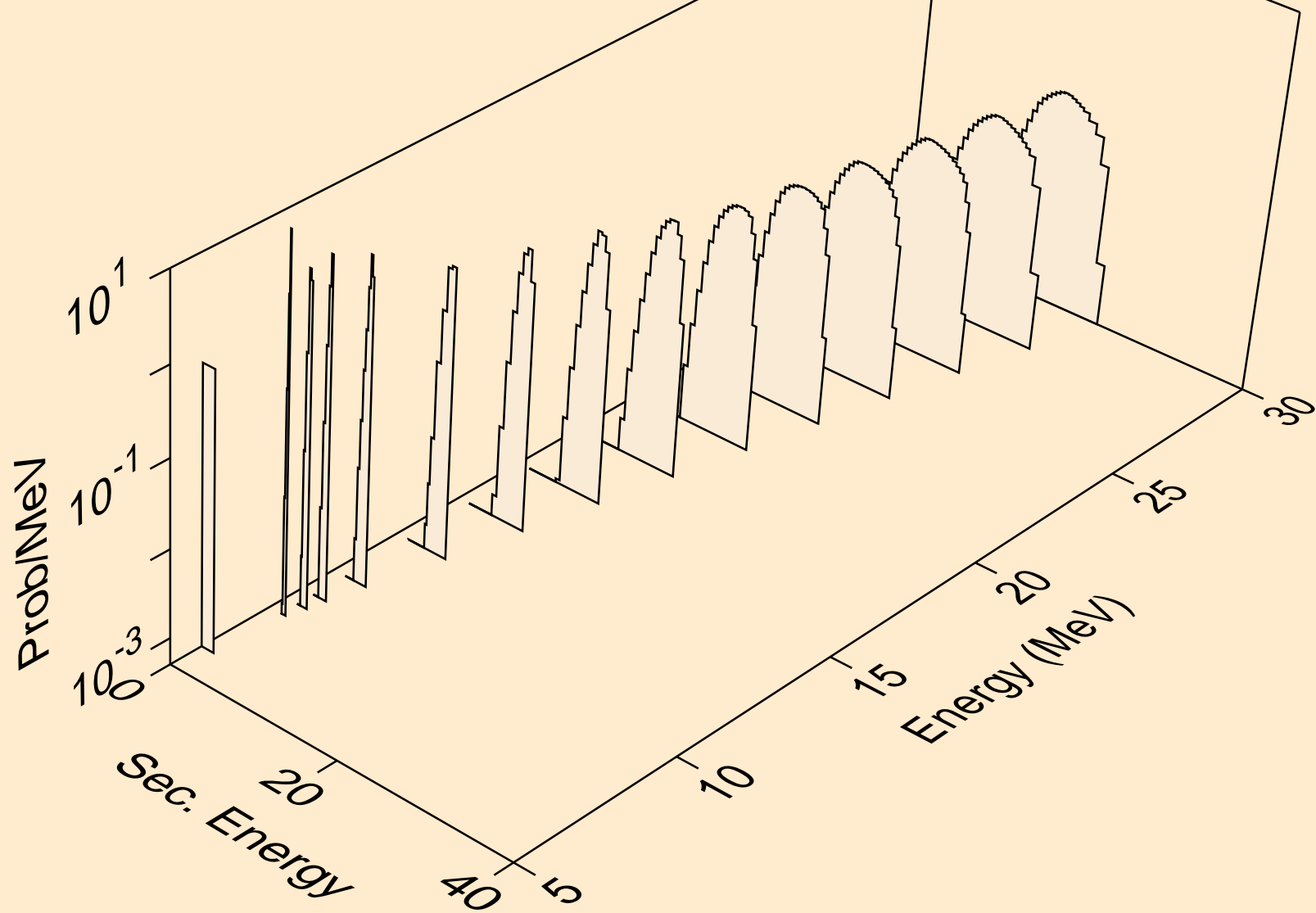
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he3s from (n,he3)



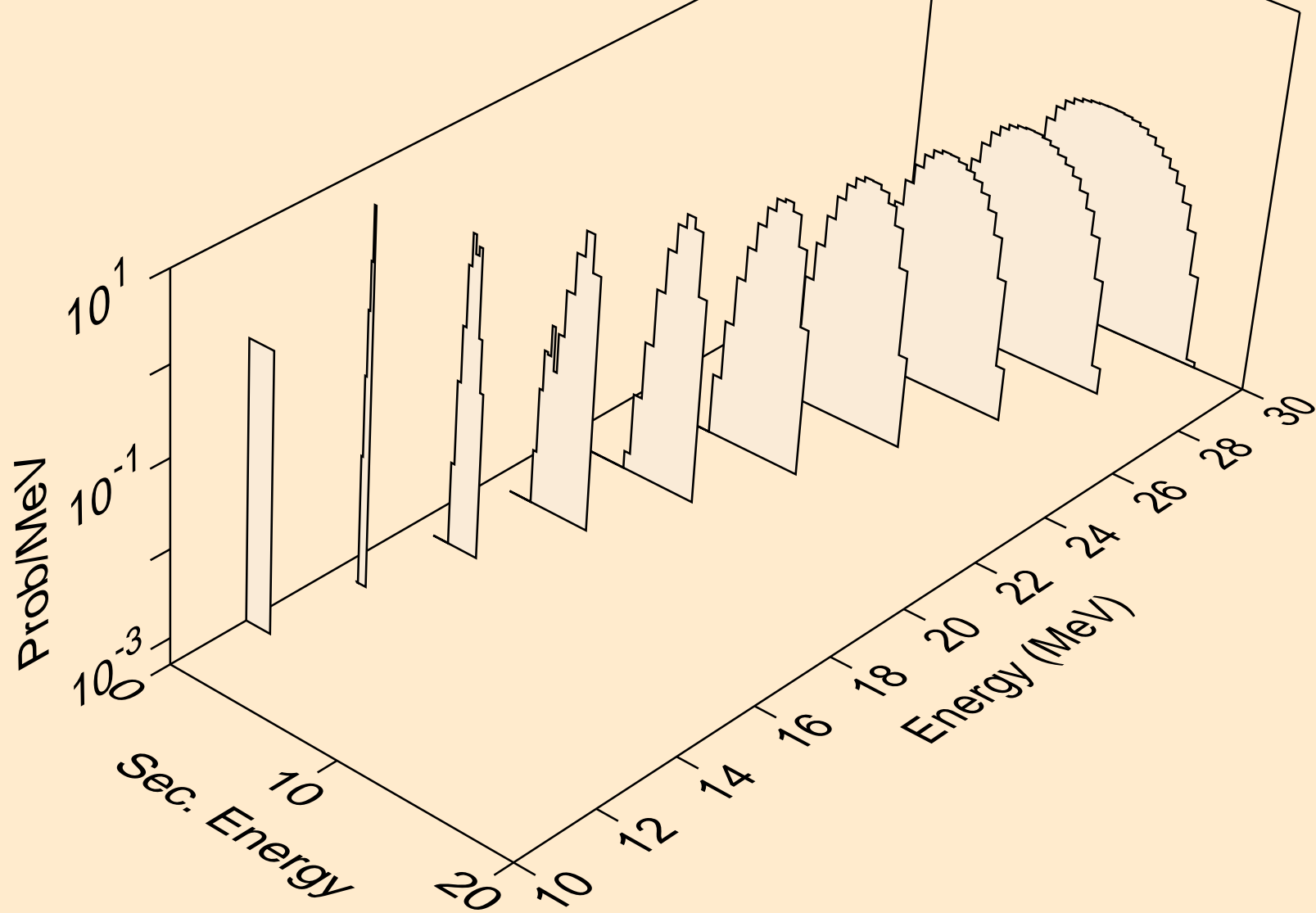
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alphas from (n,x)



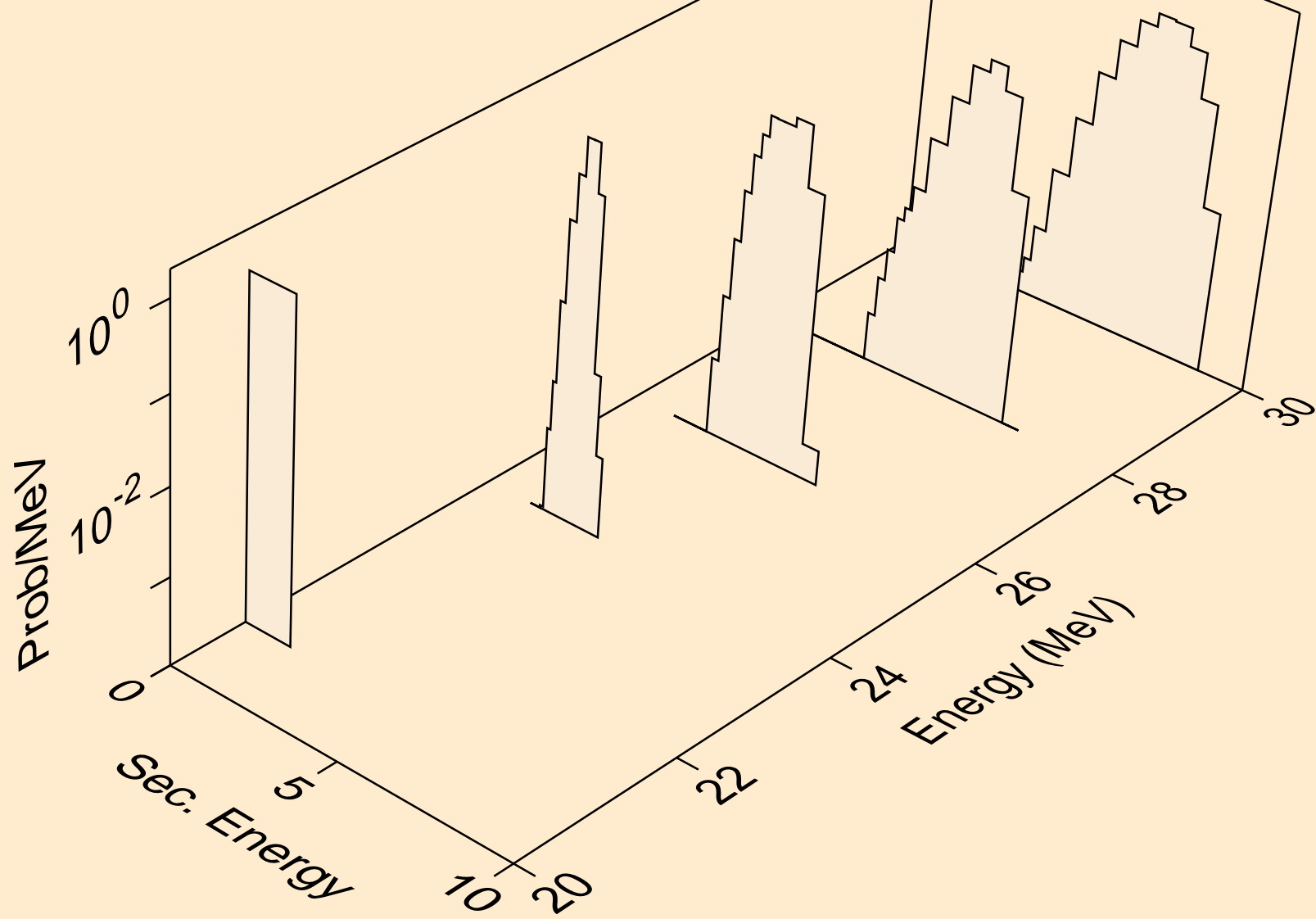
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



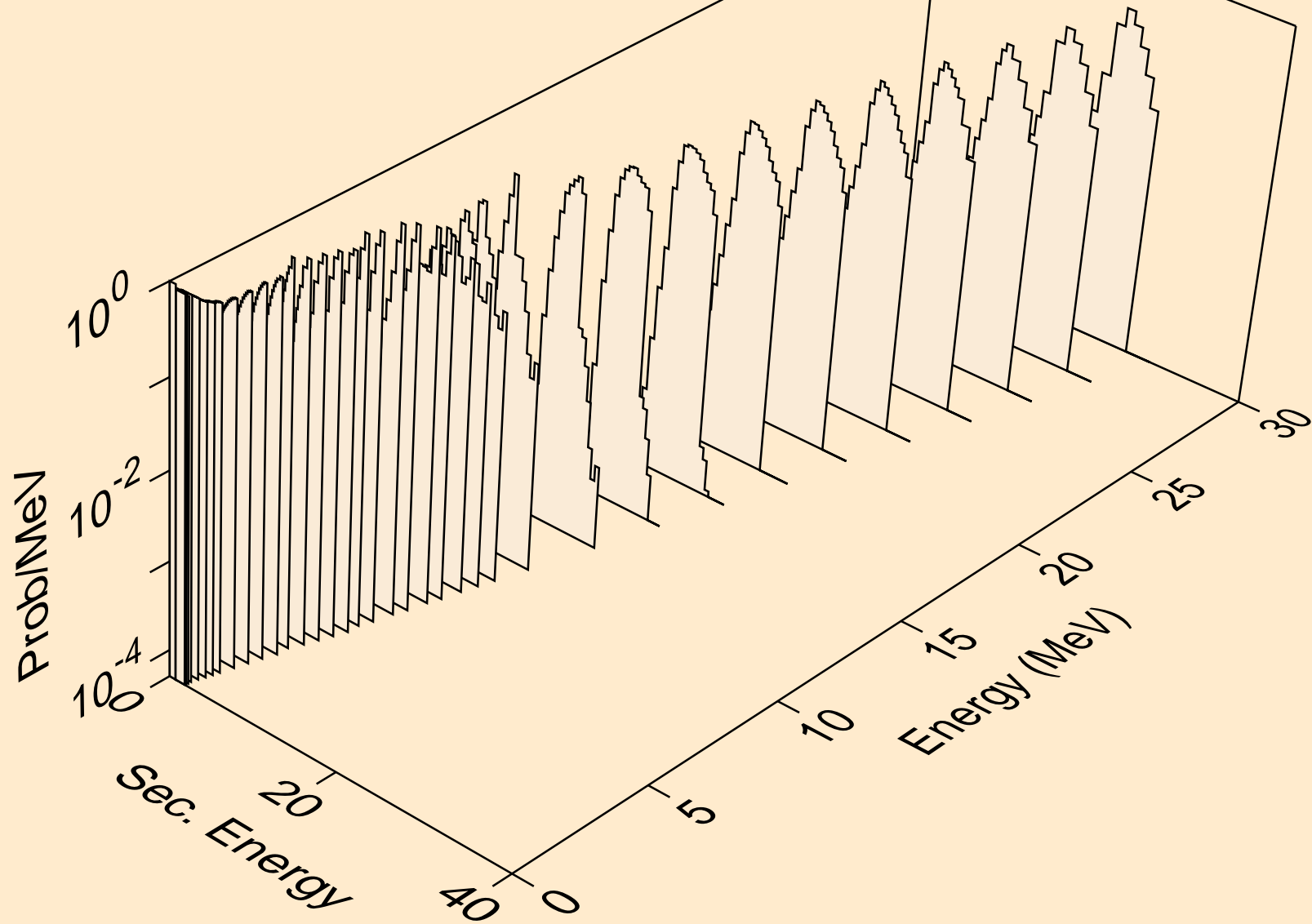
ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

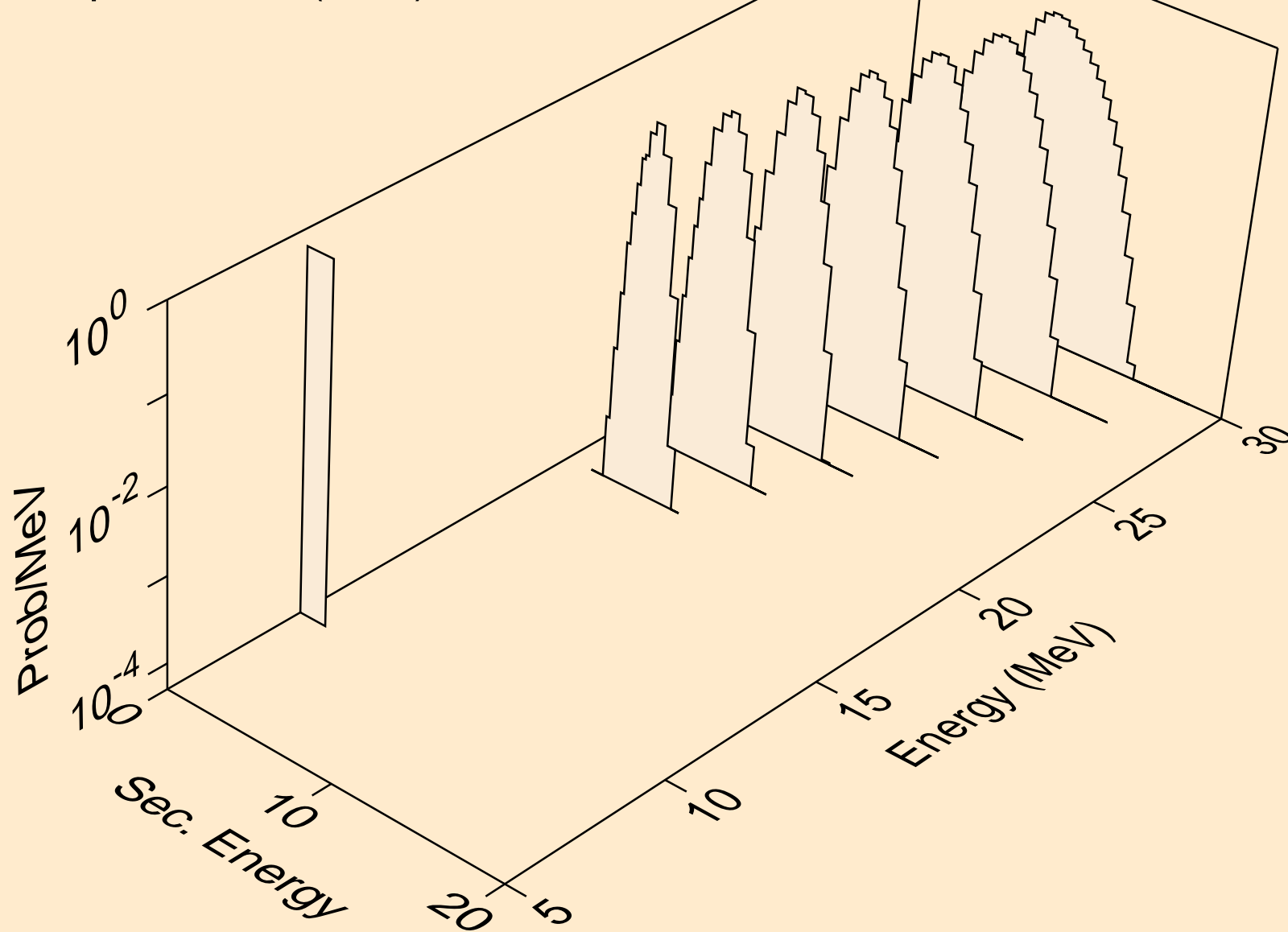


ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)





ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ZN071M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

