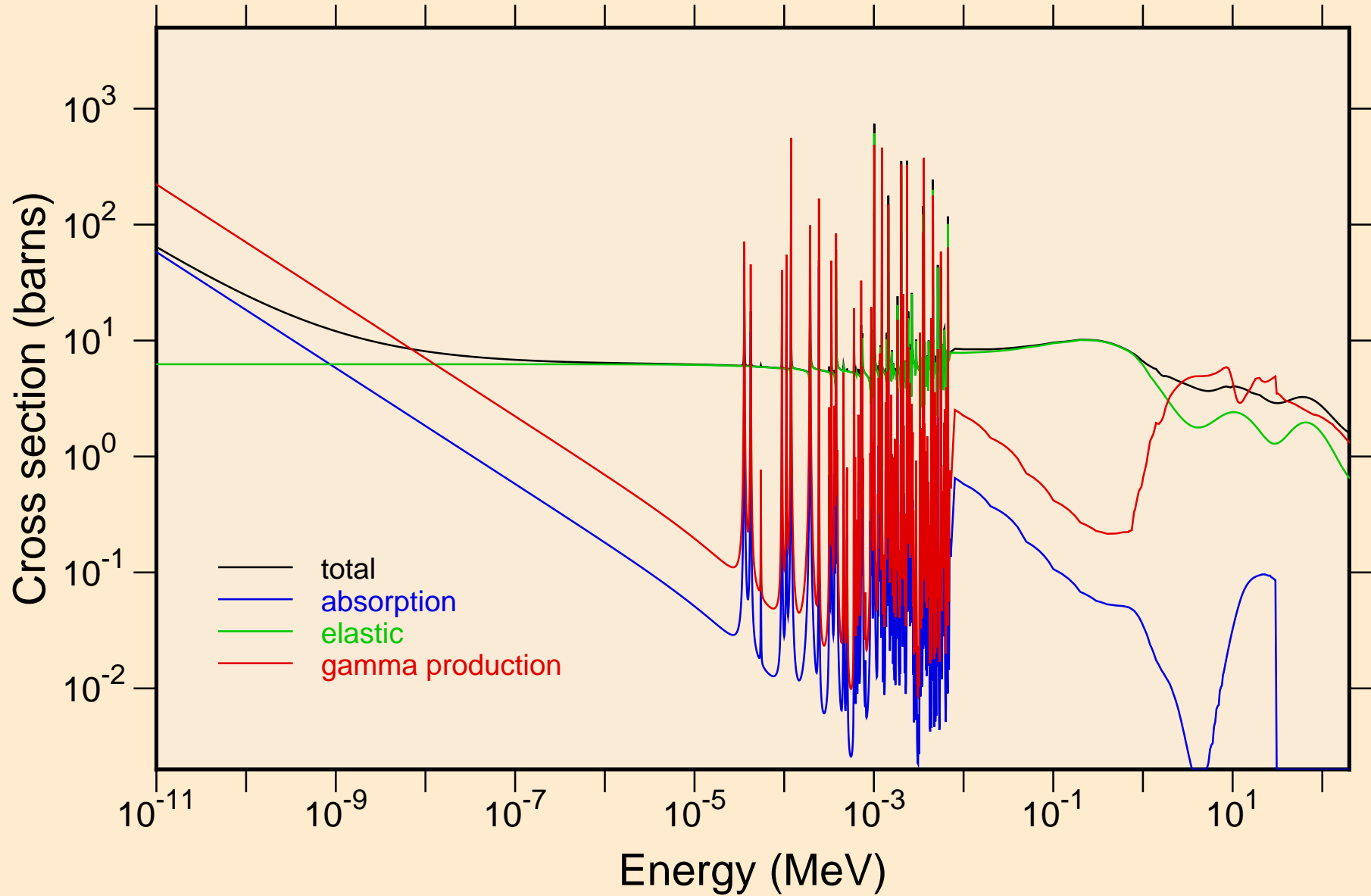
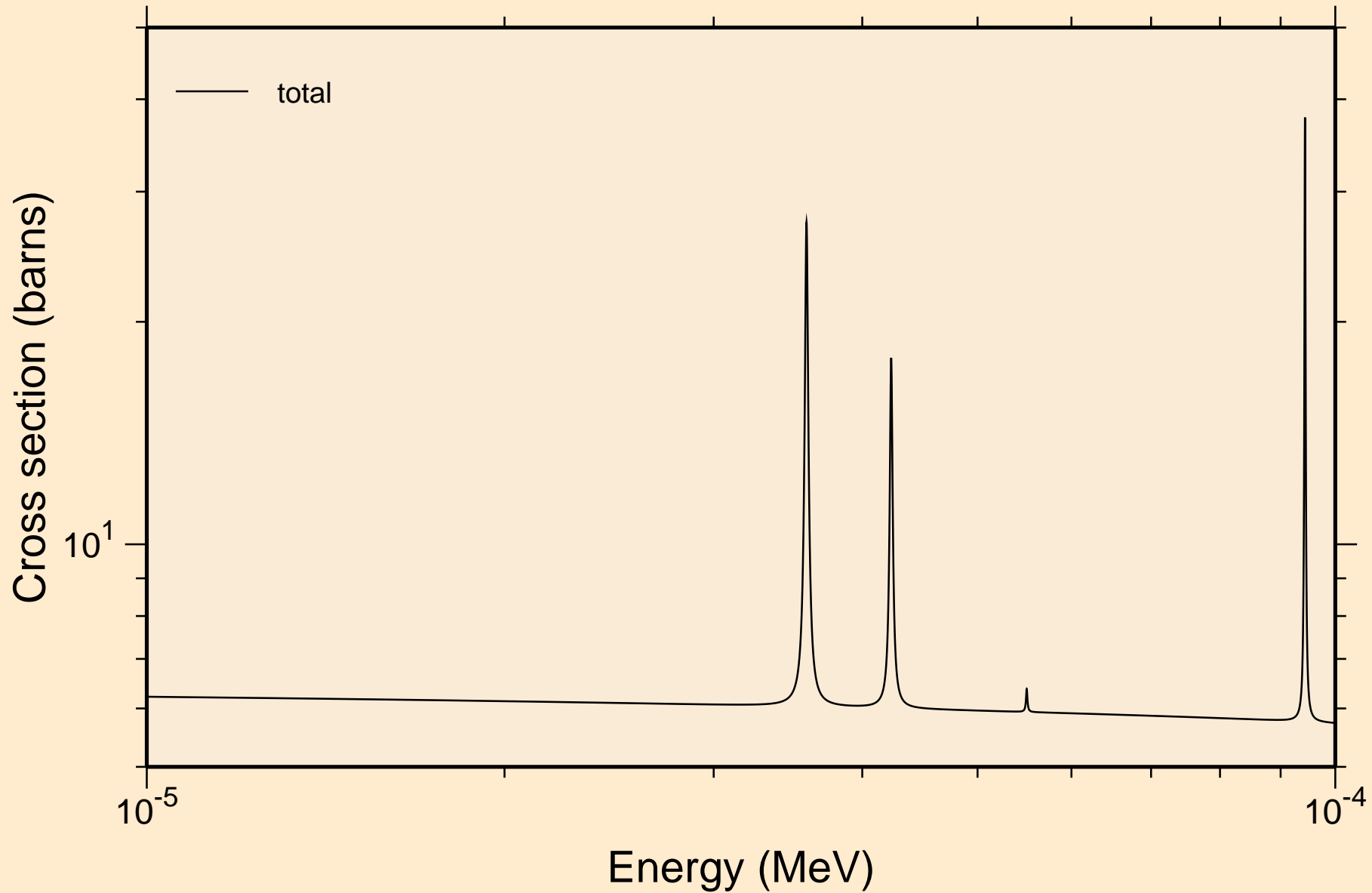


# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

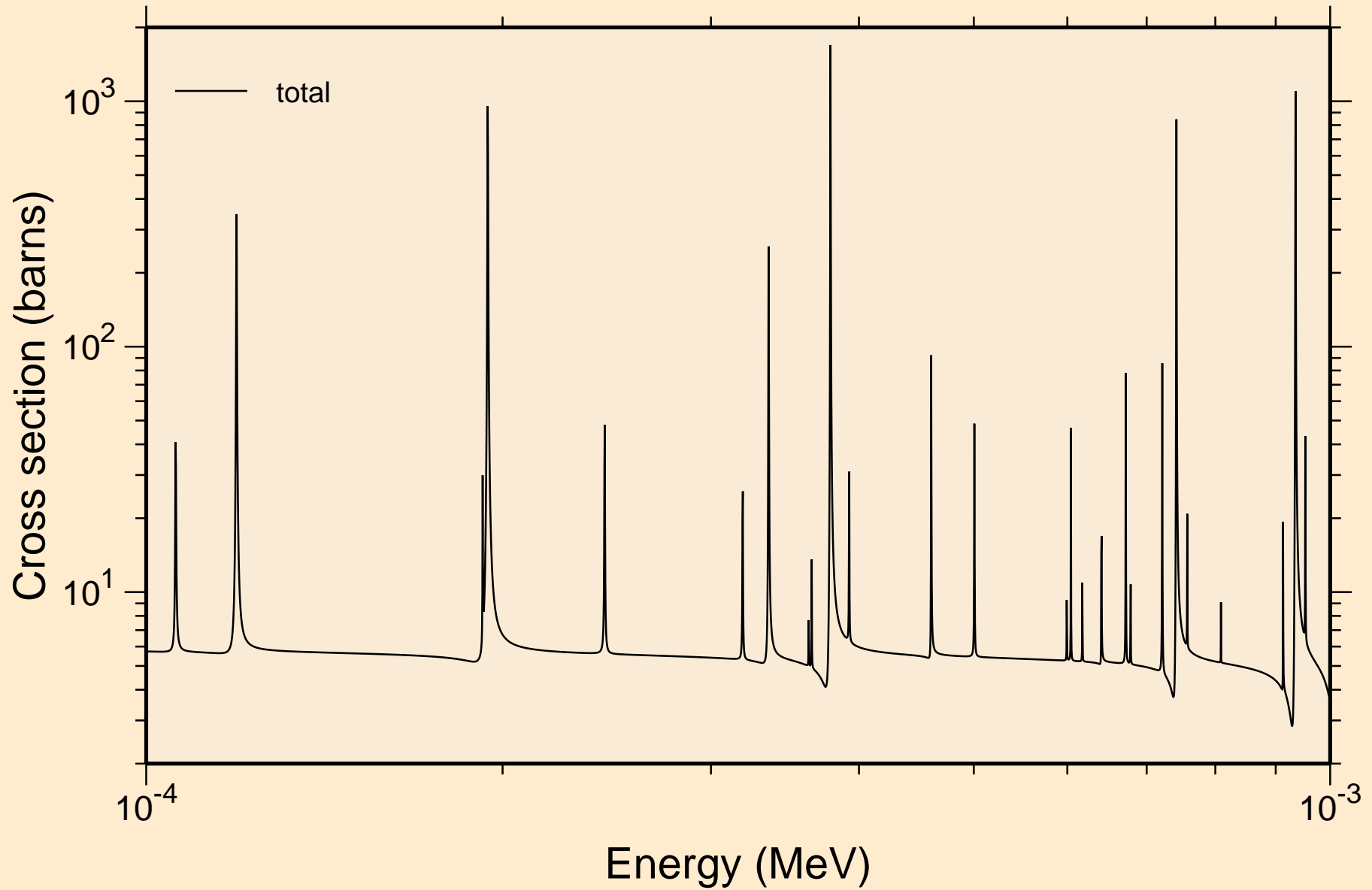
## Principal cross sections



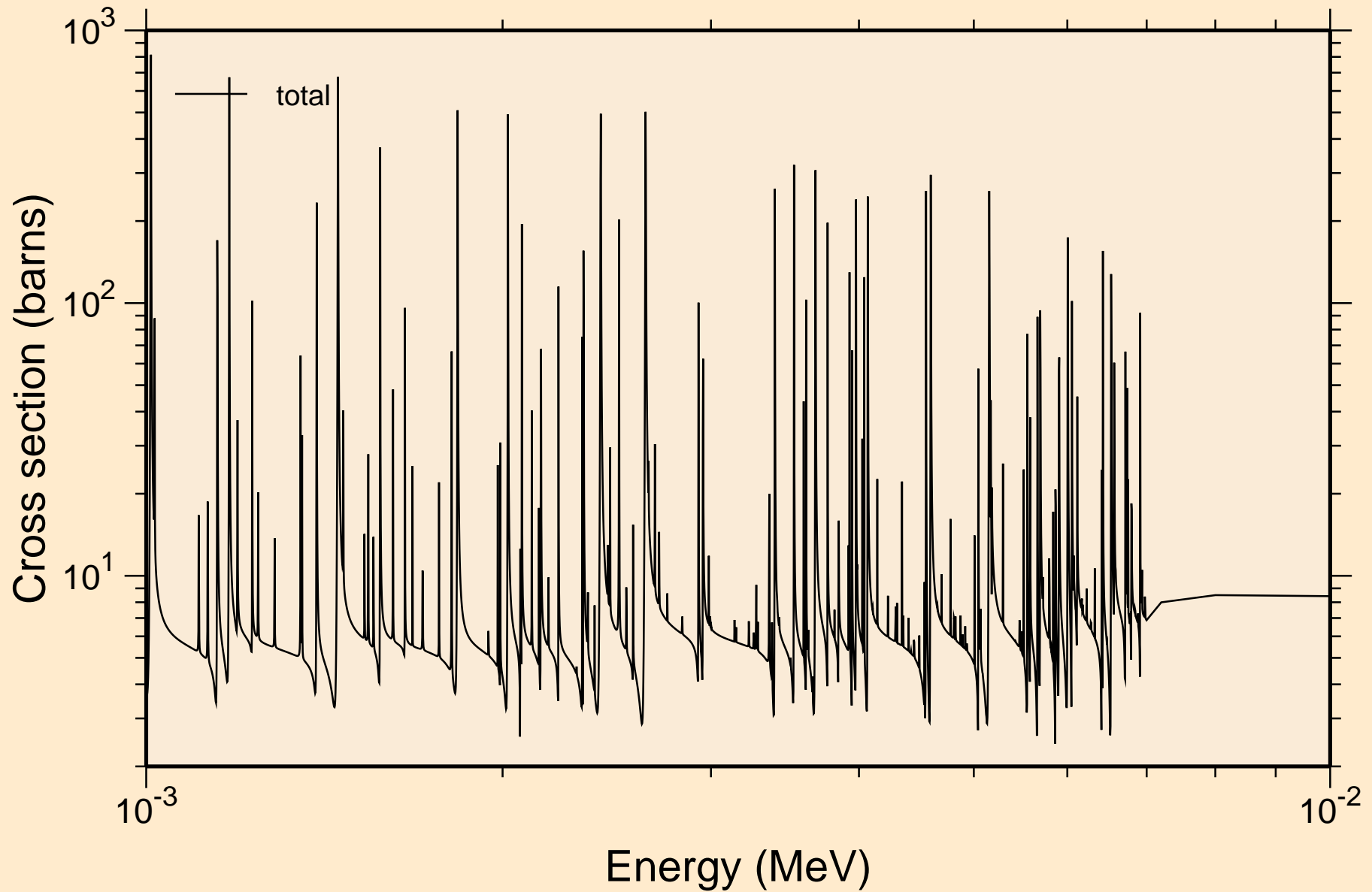
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



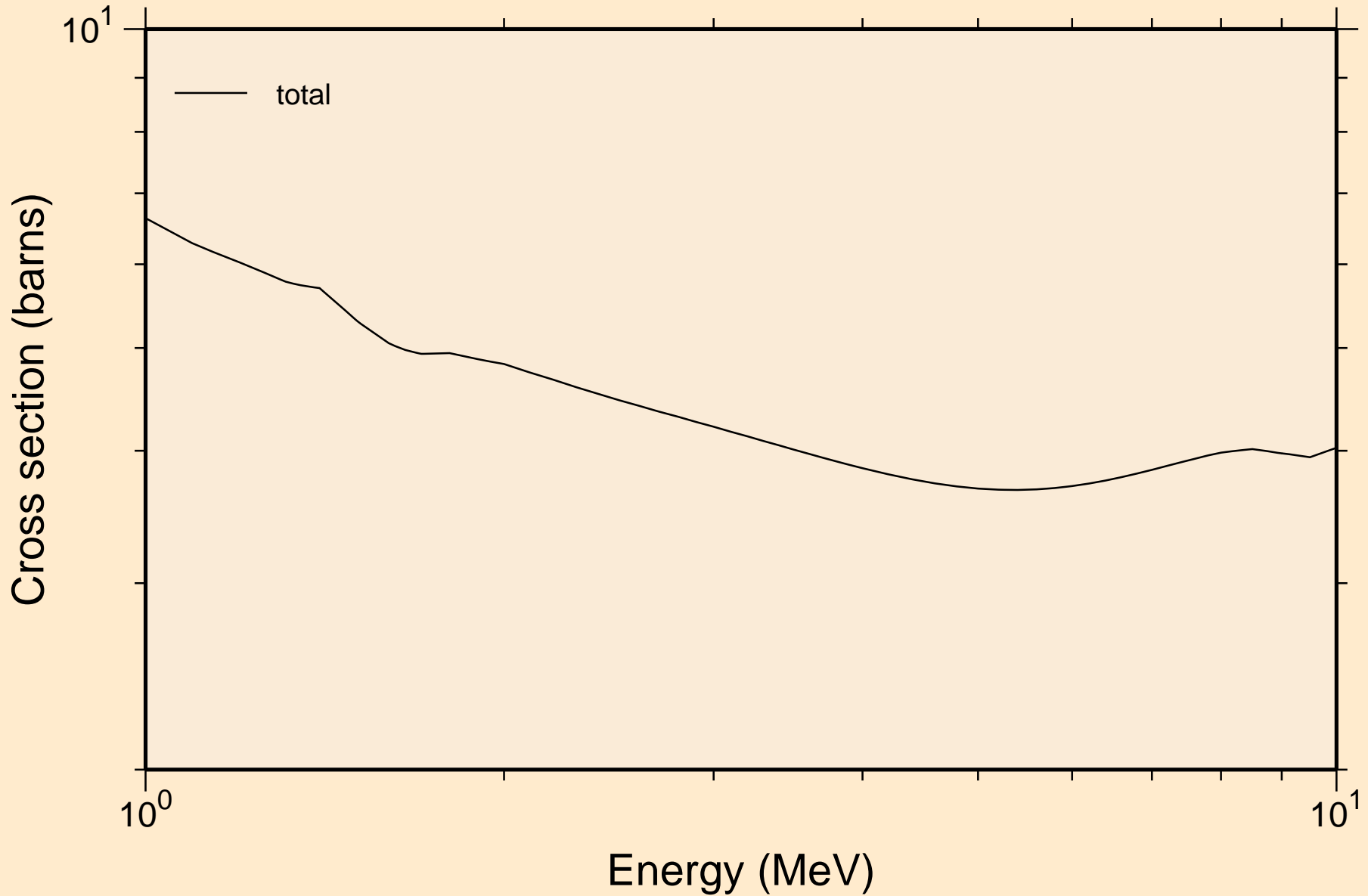
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



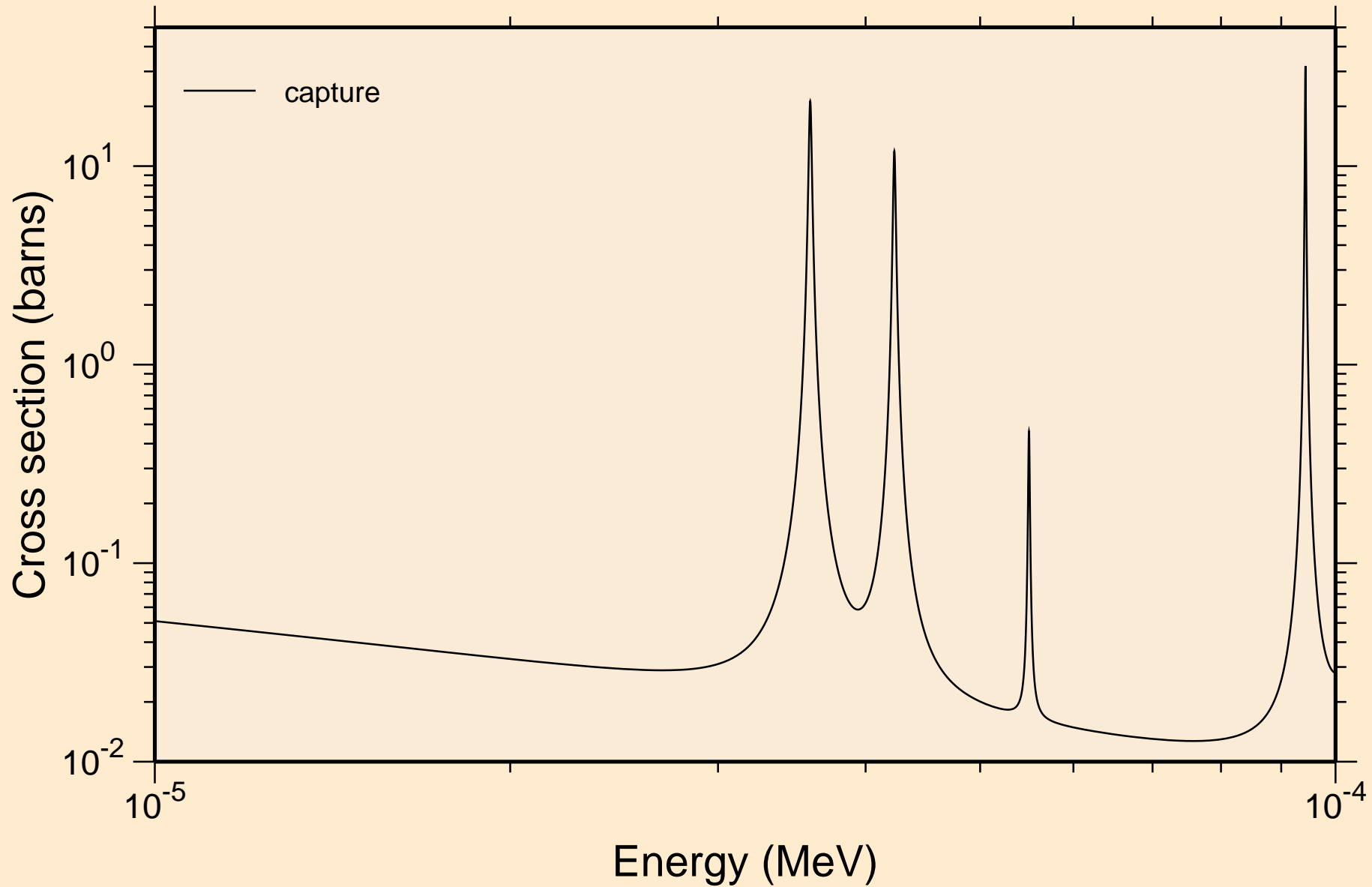
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



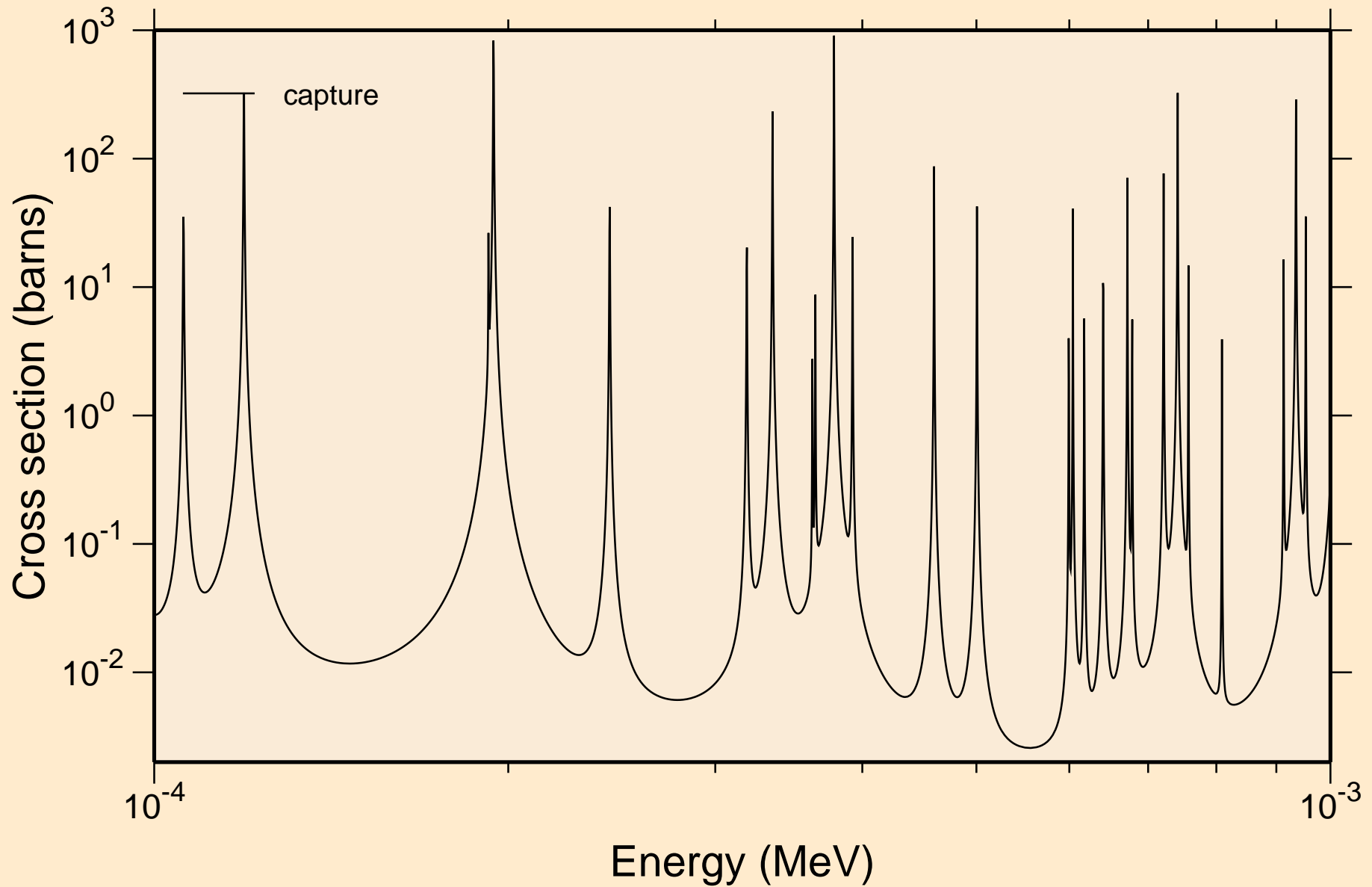
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



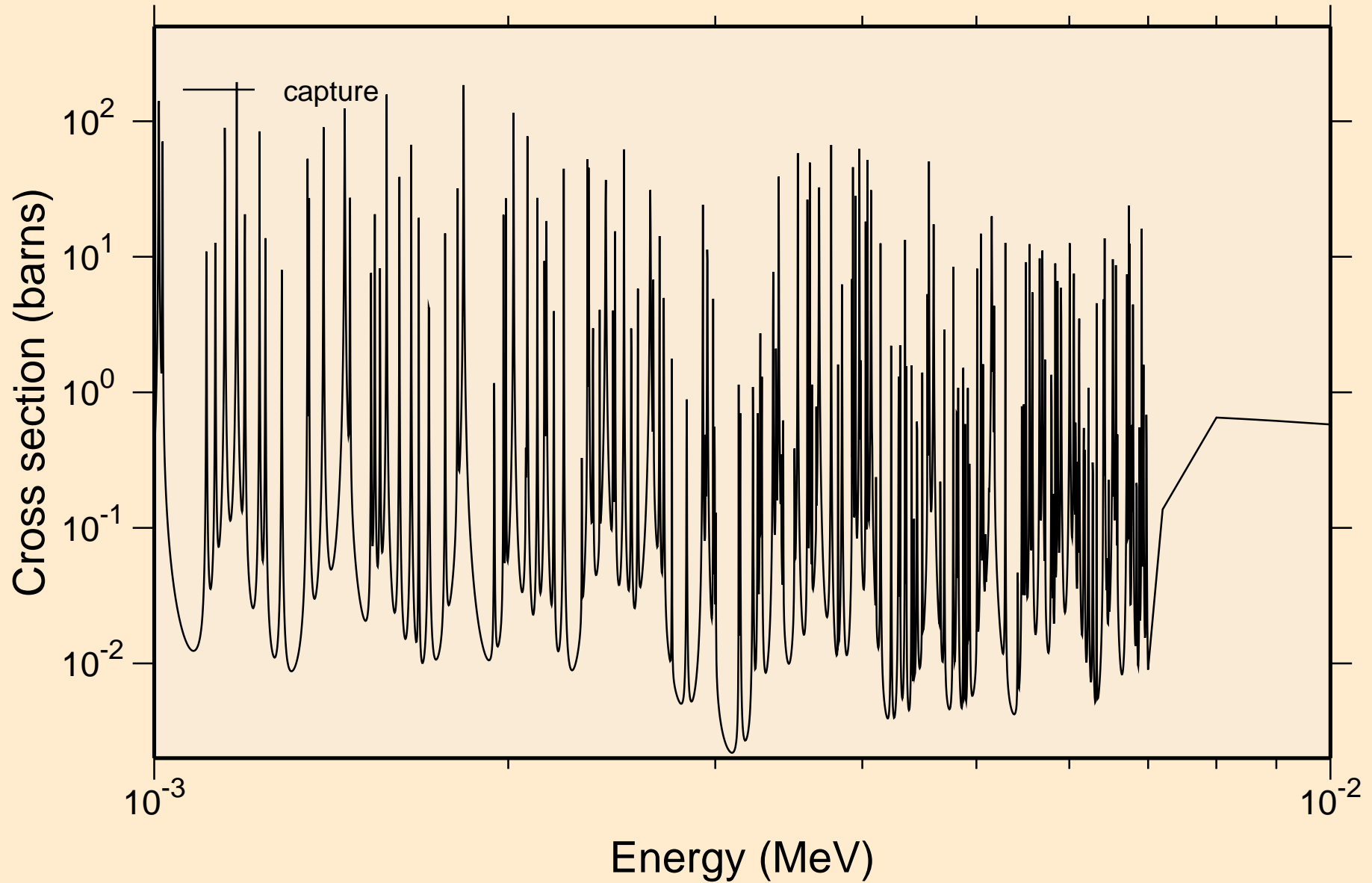
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

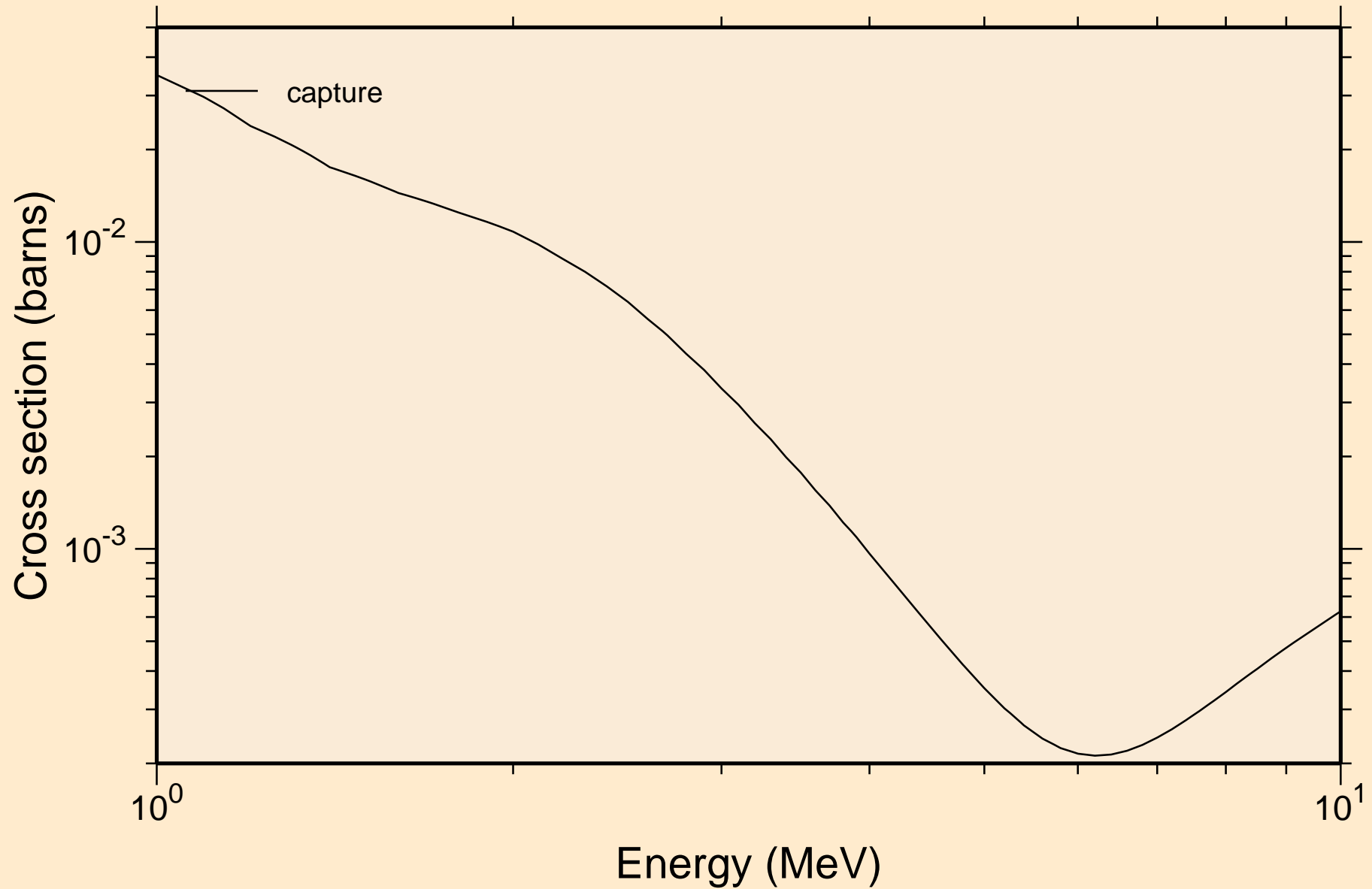


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

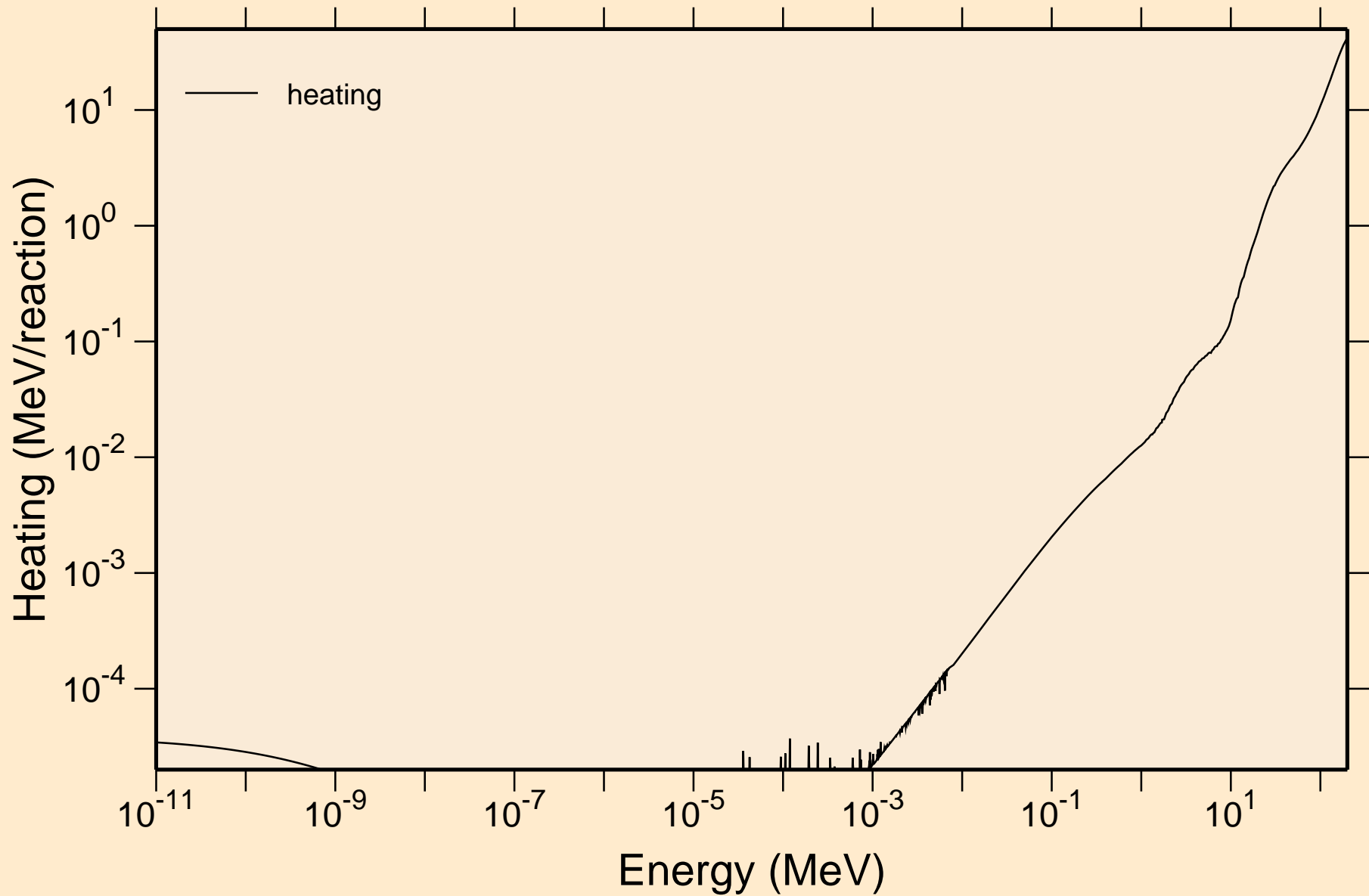




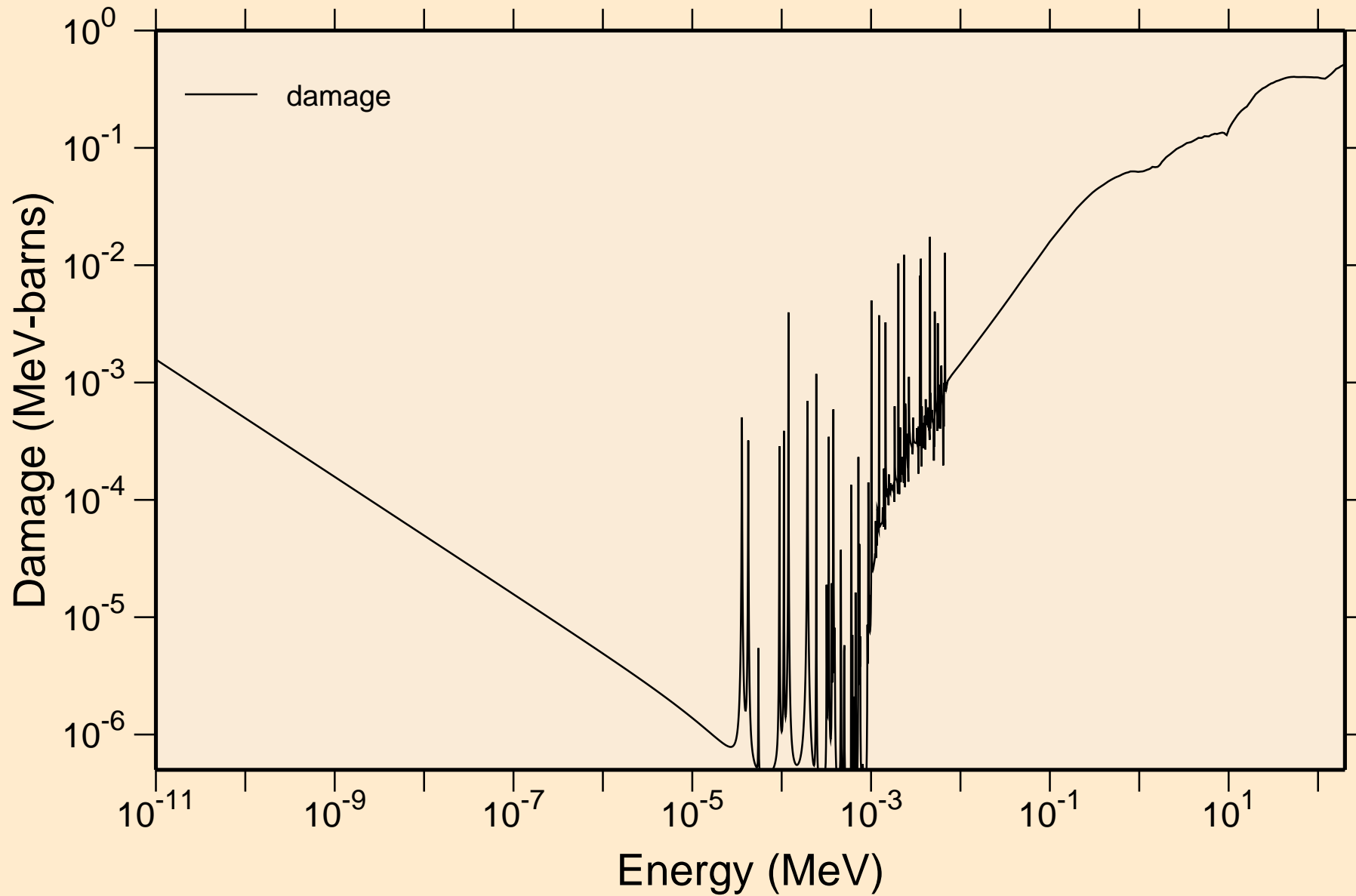
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



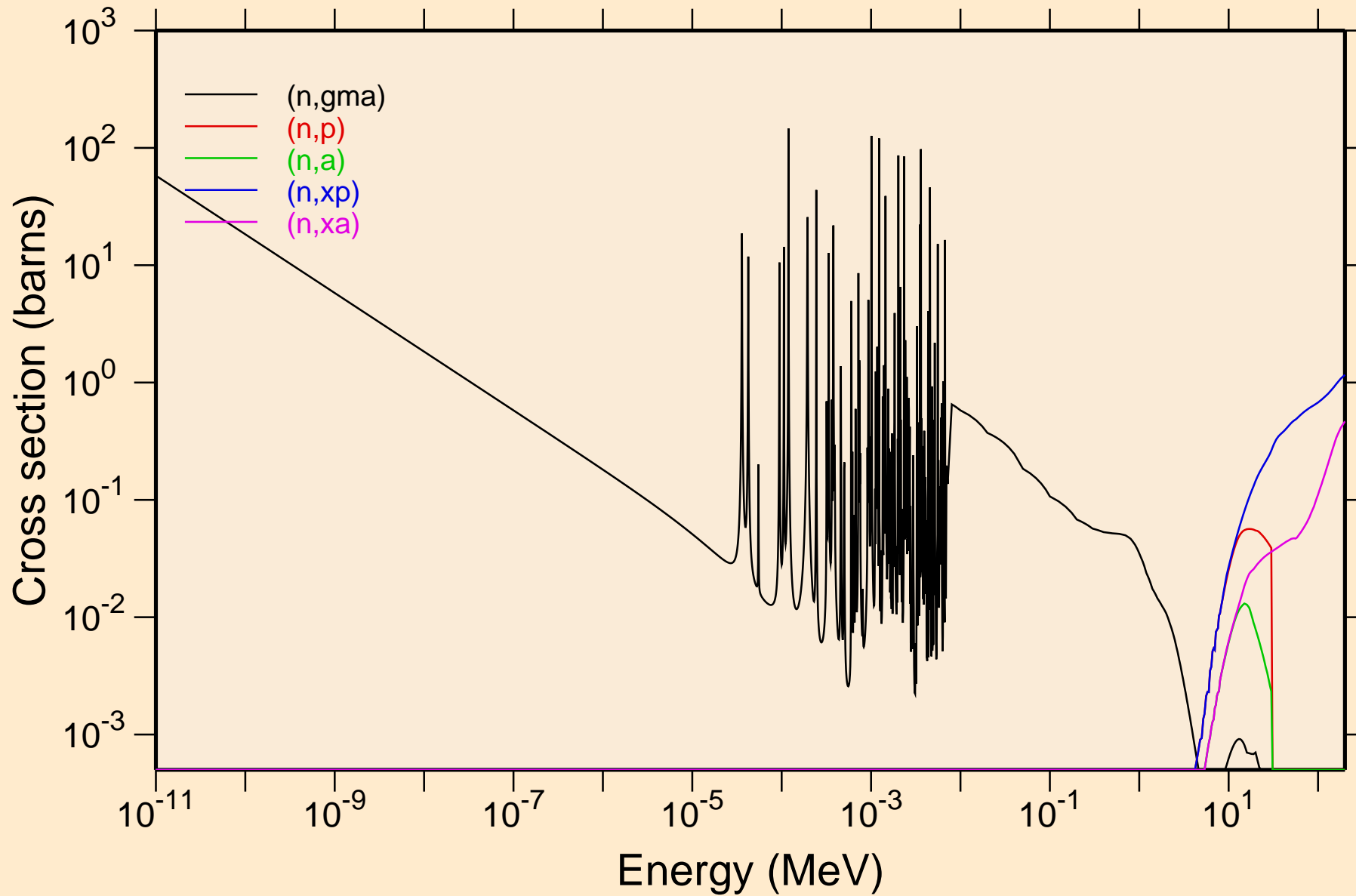
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

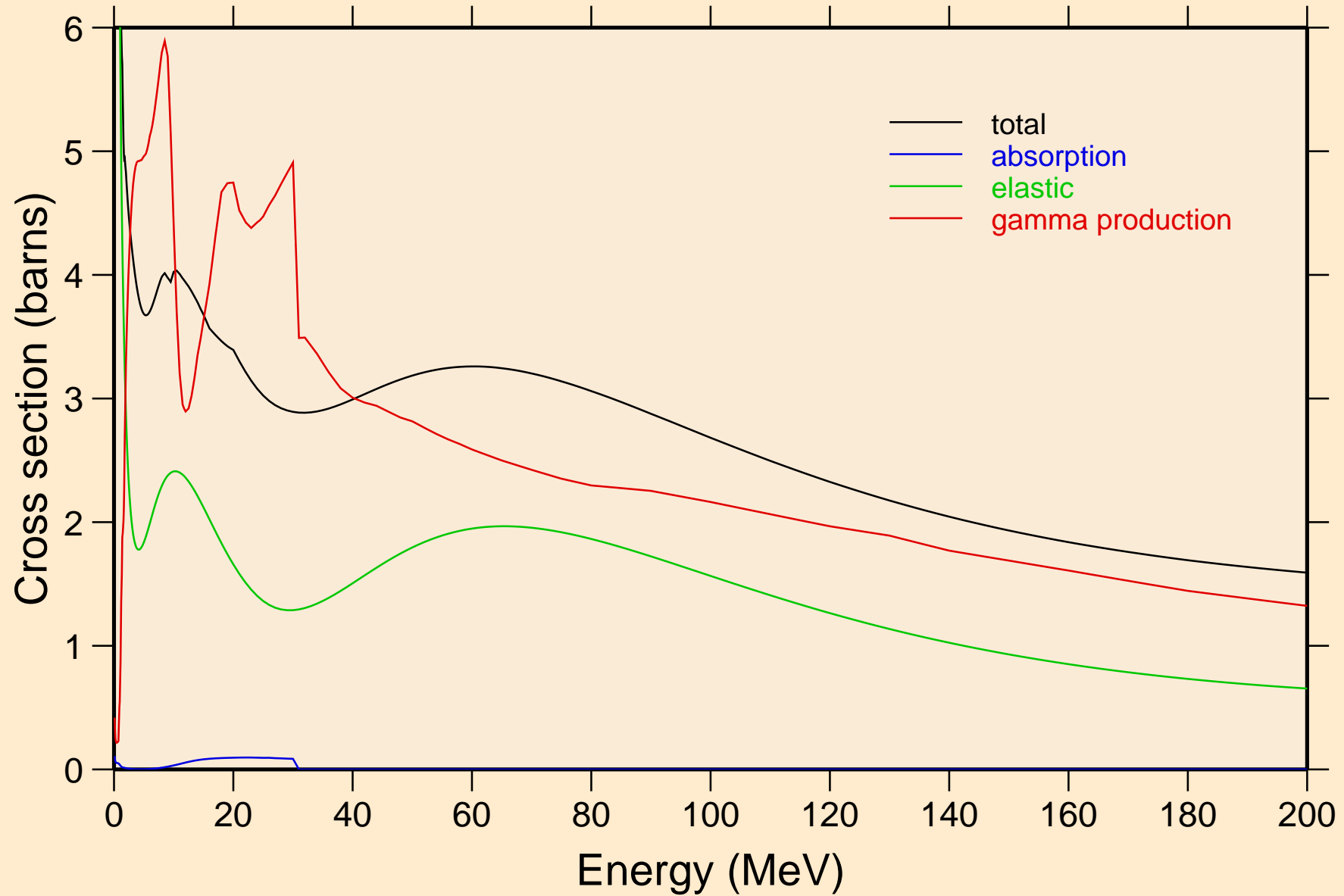


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



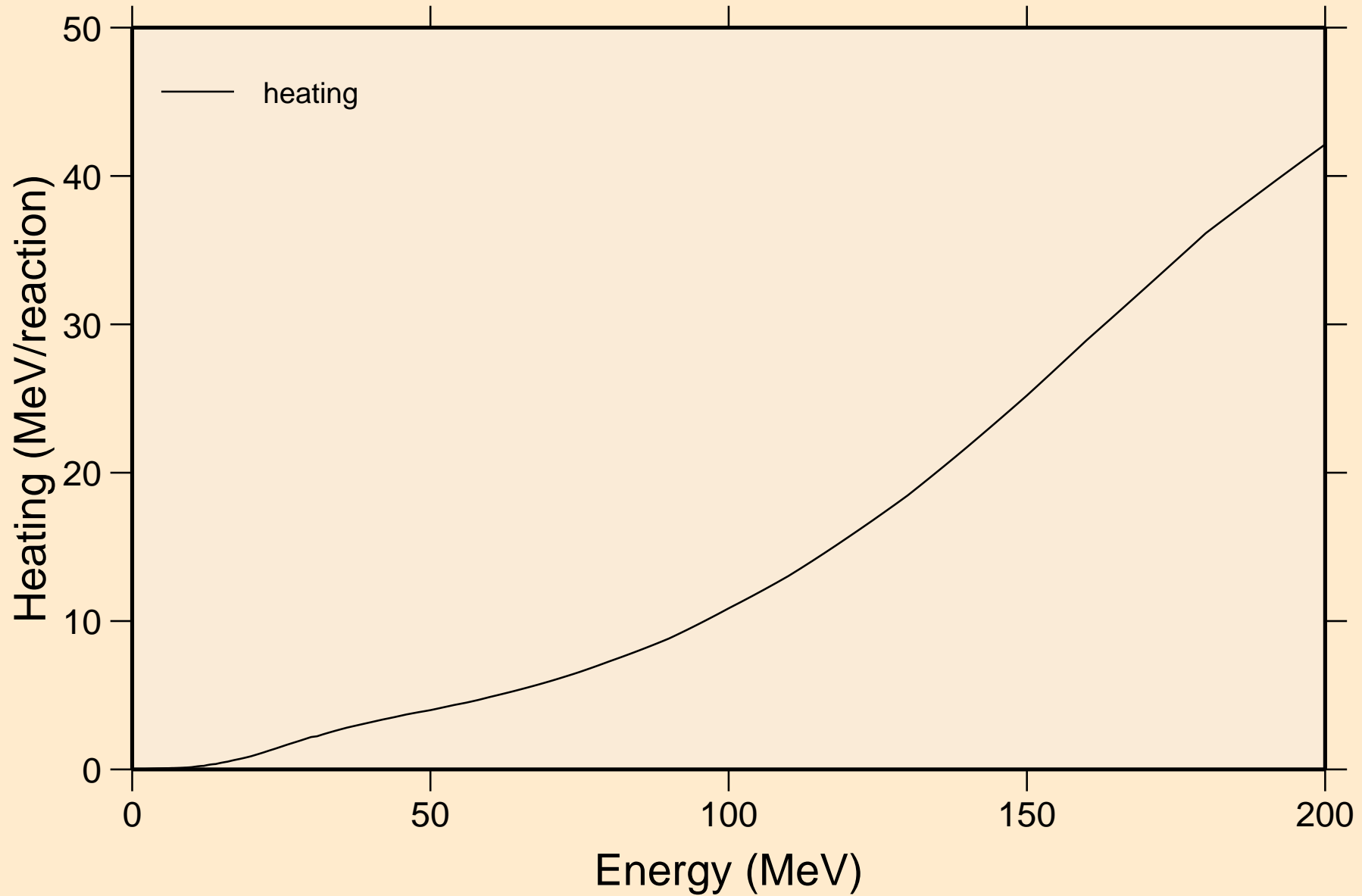
# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

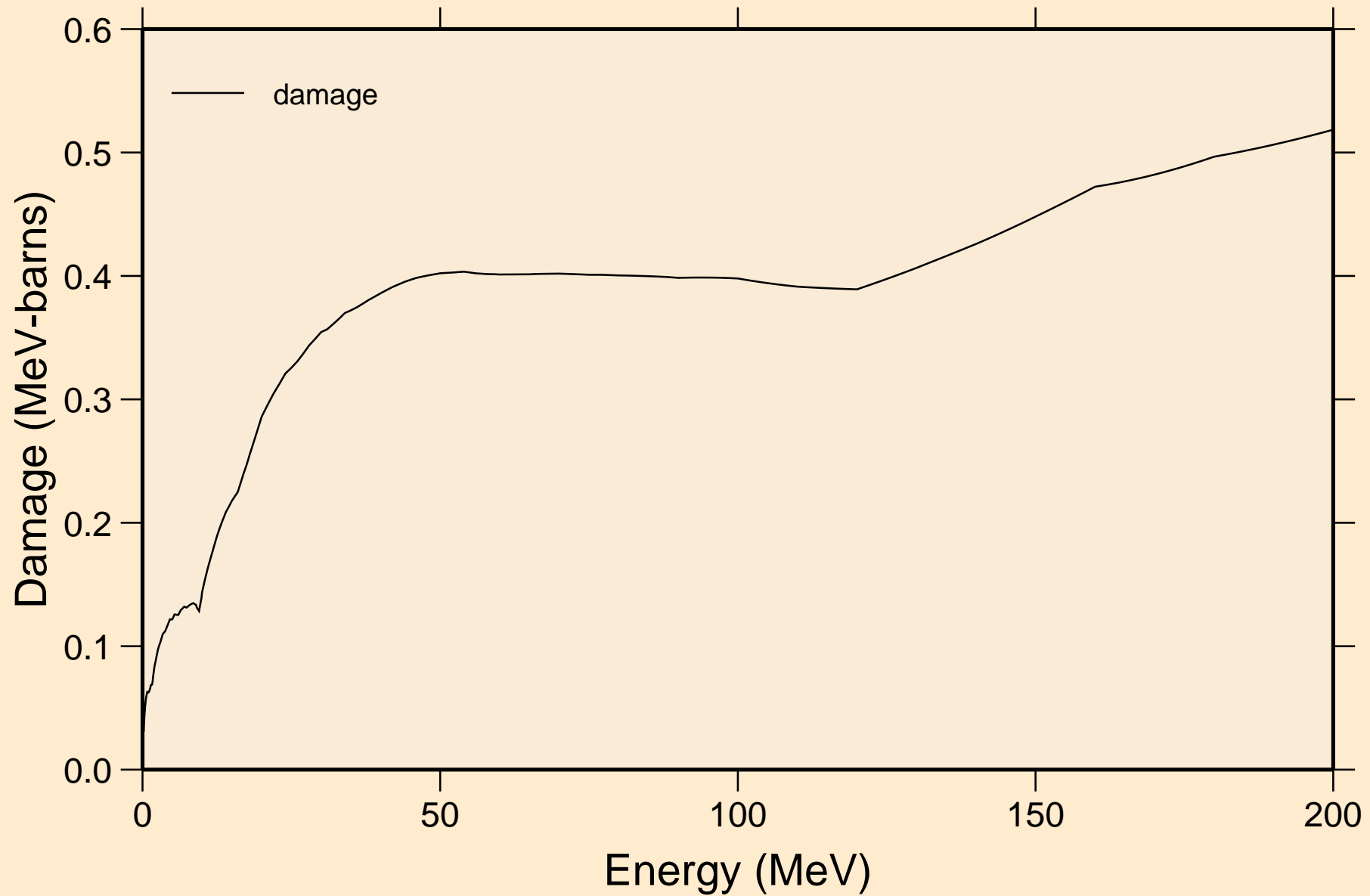


# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

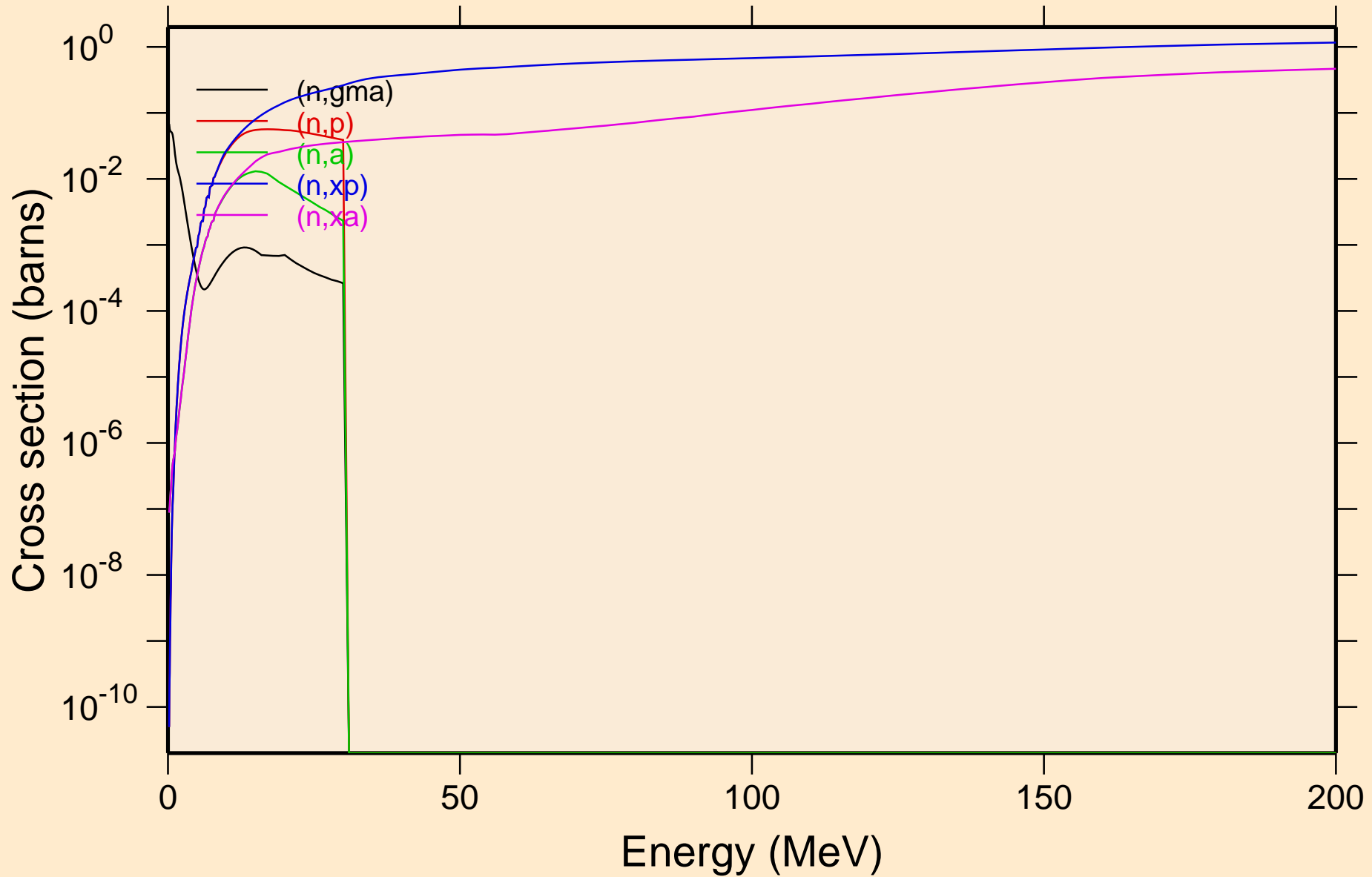
## Heating



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



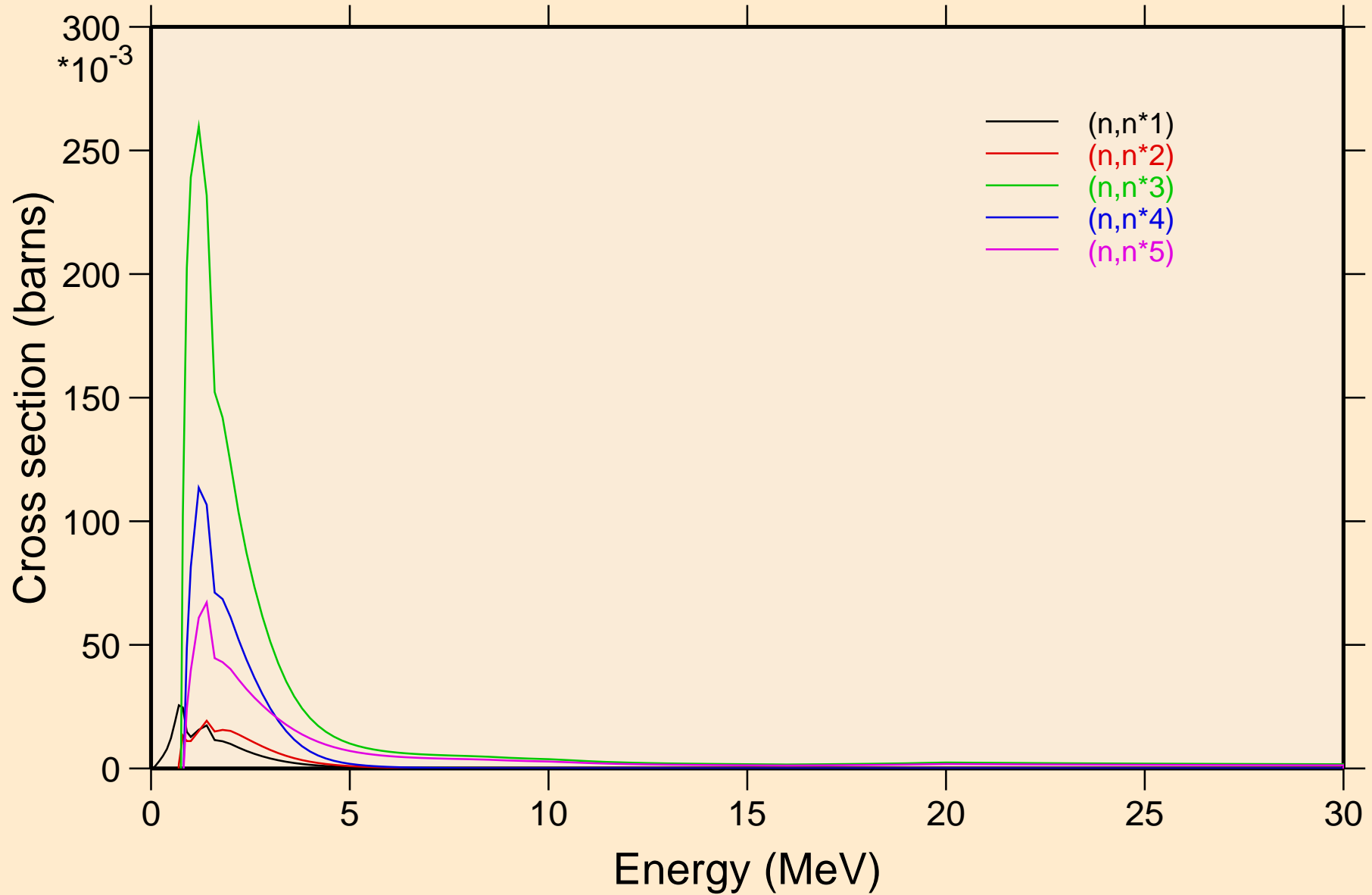
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



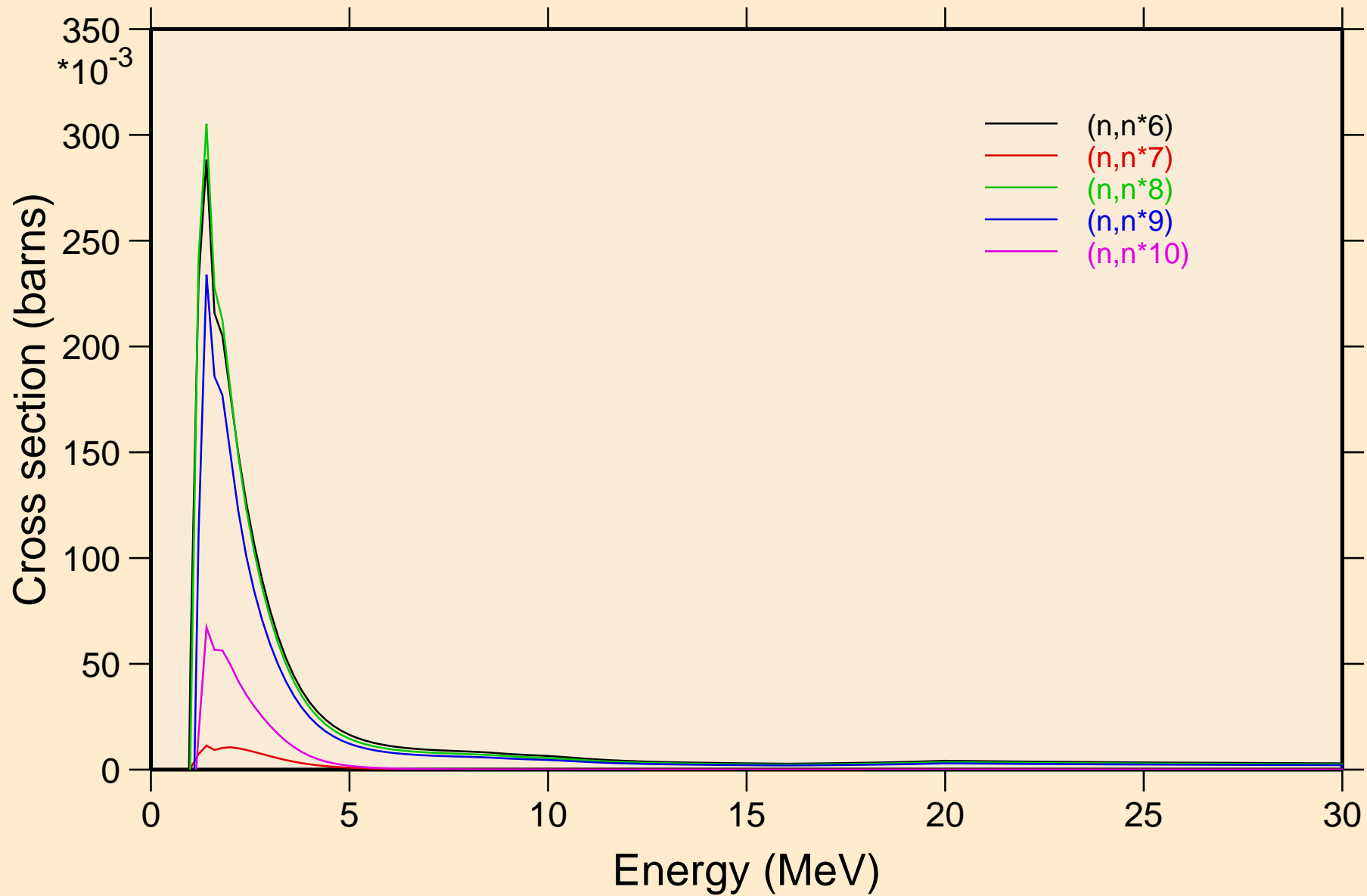


# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

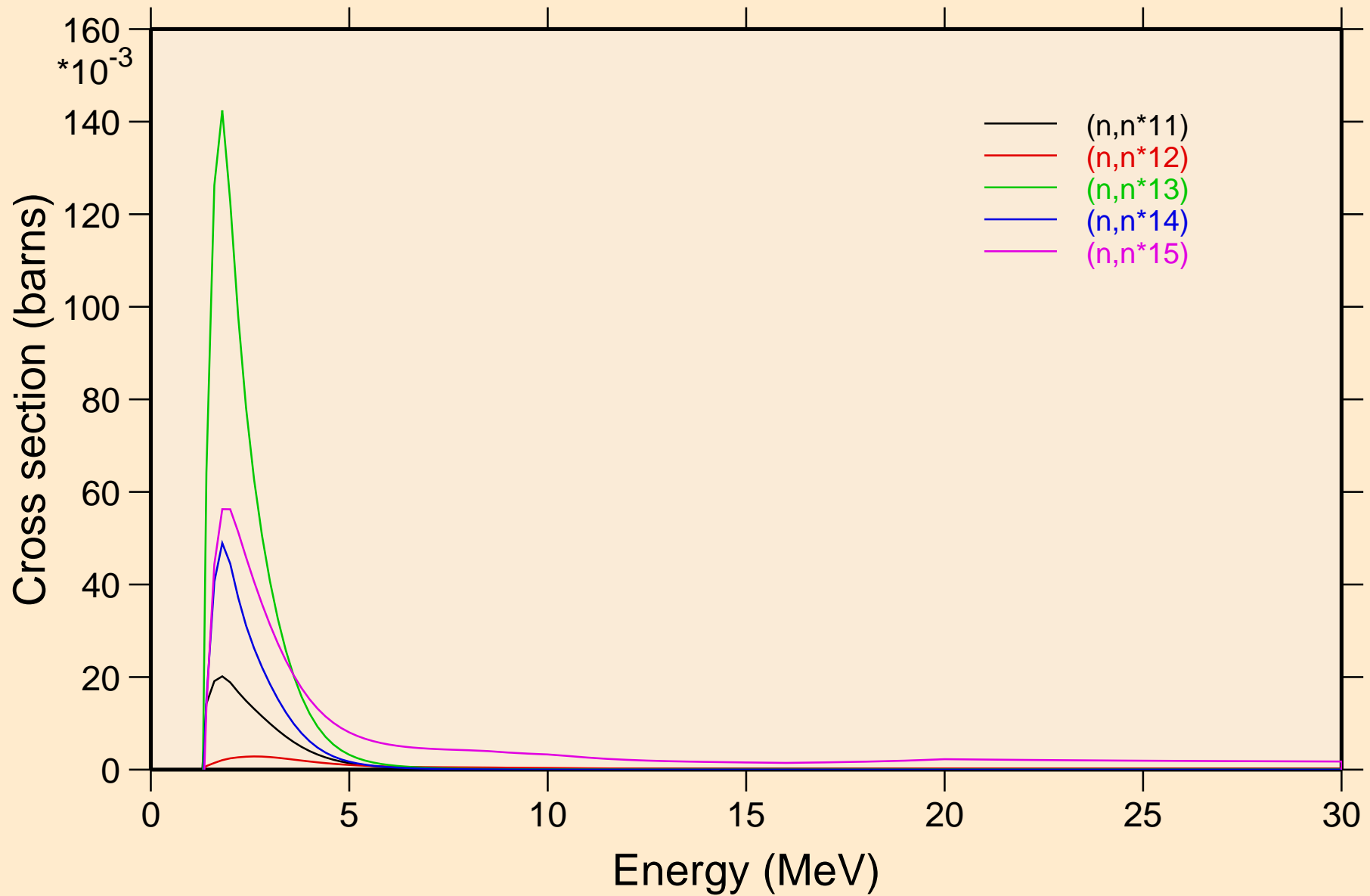


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

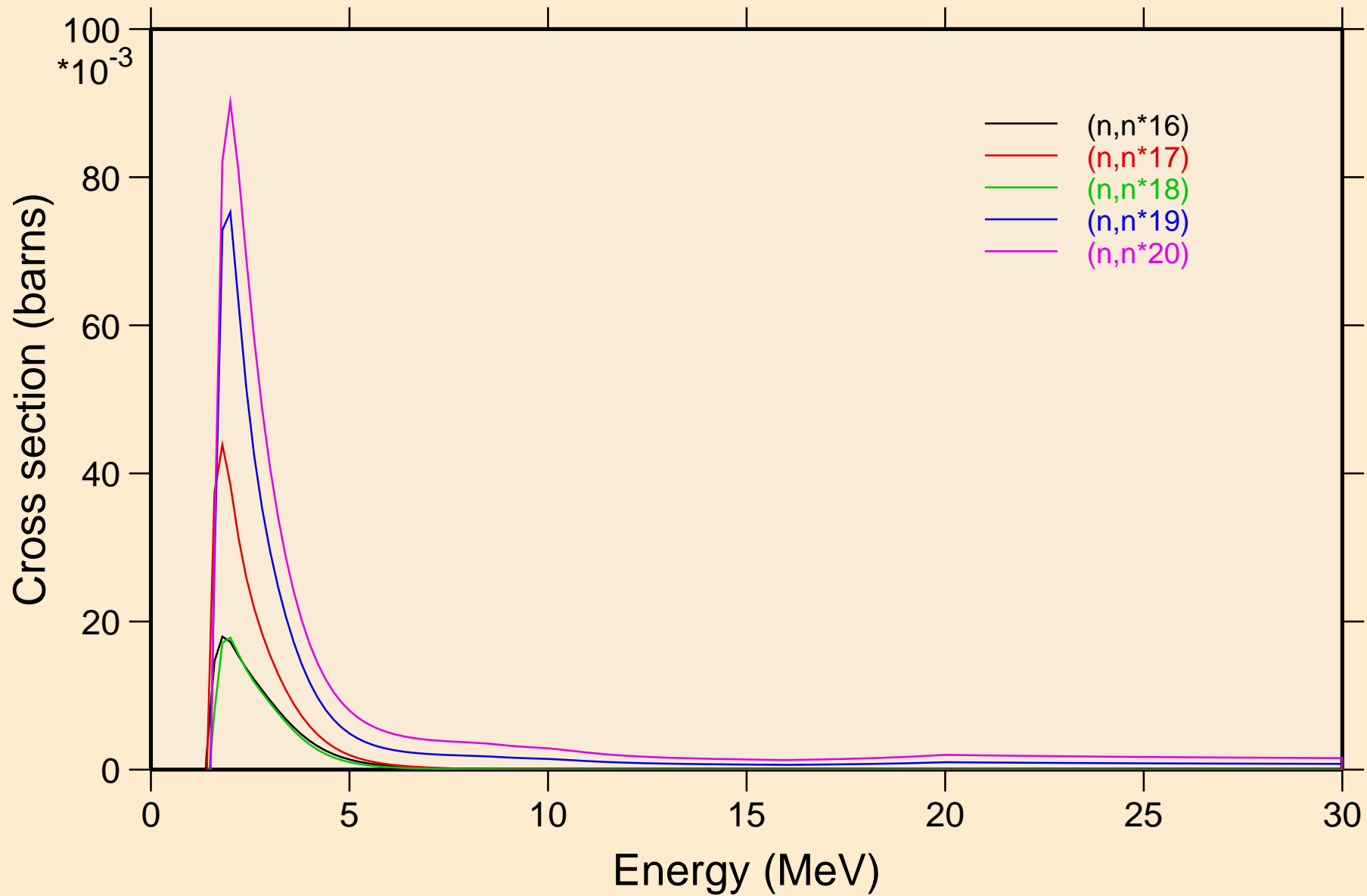


# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

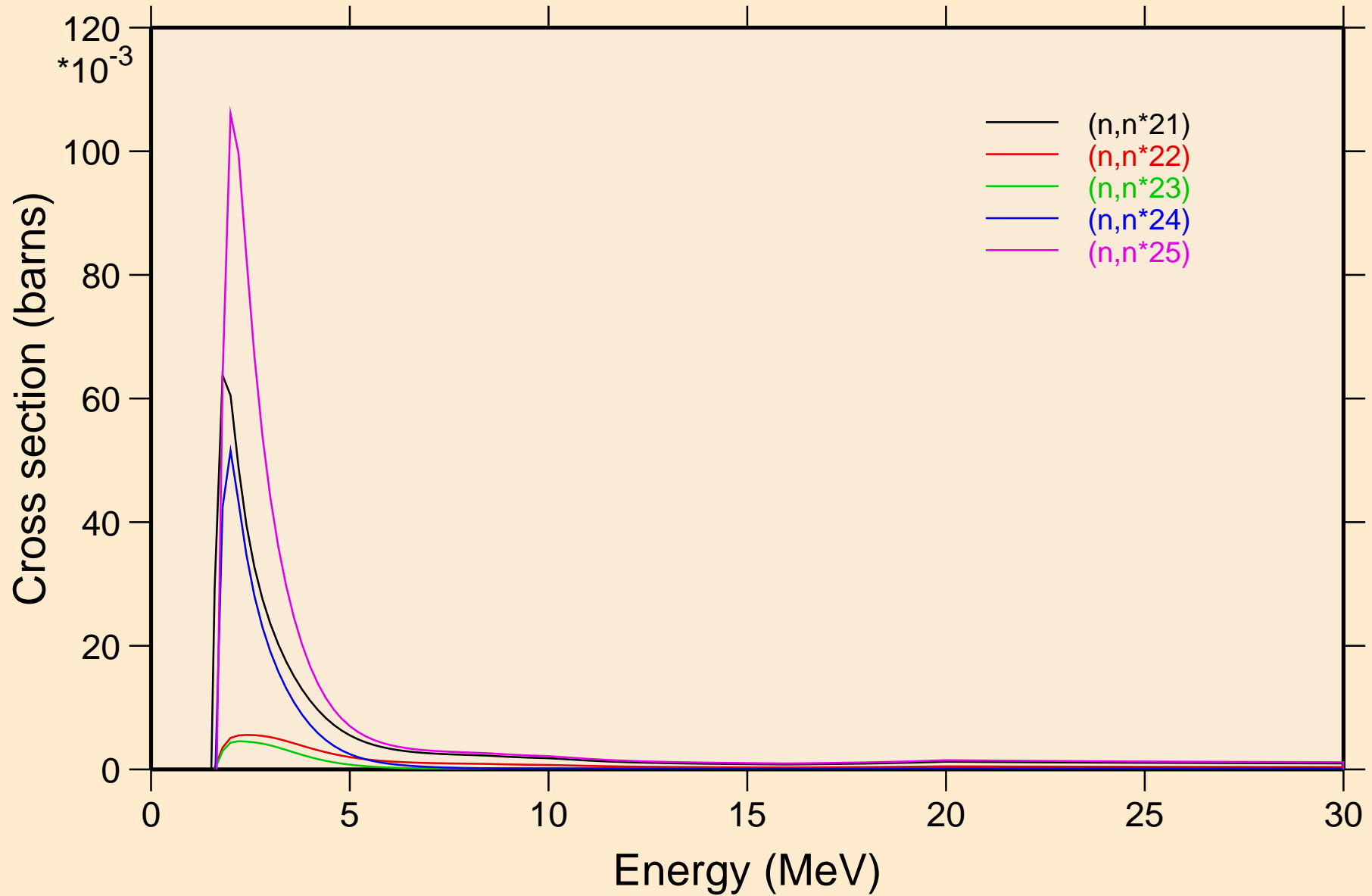
## Inelastic levels



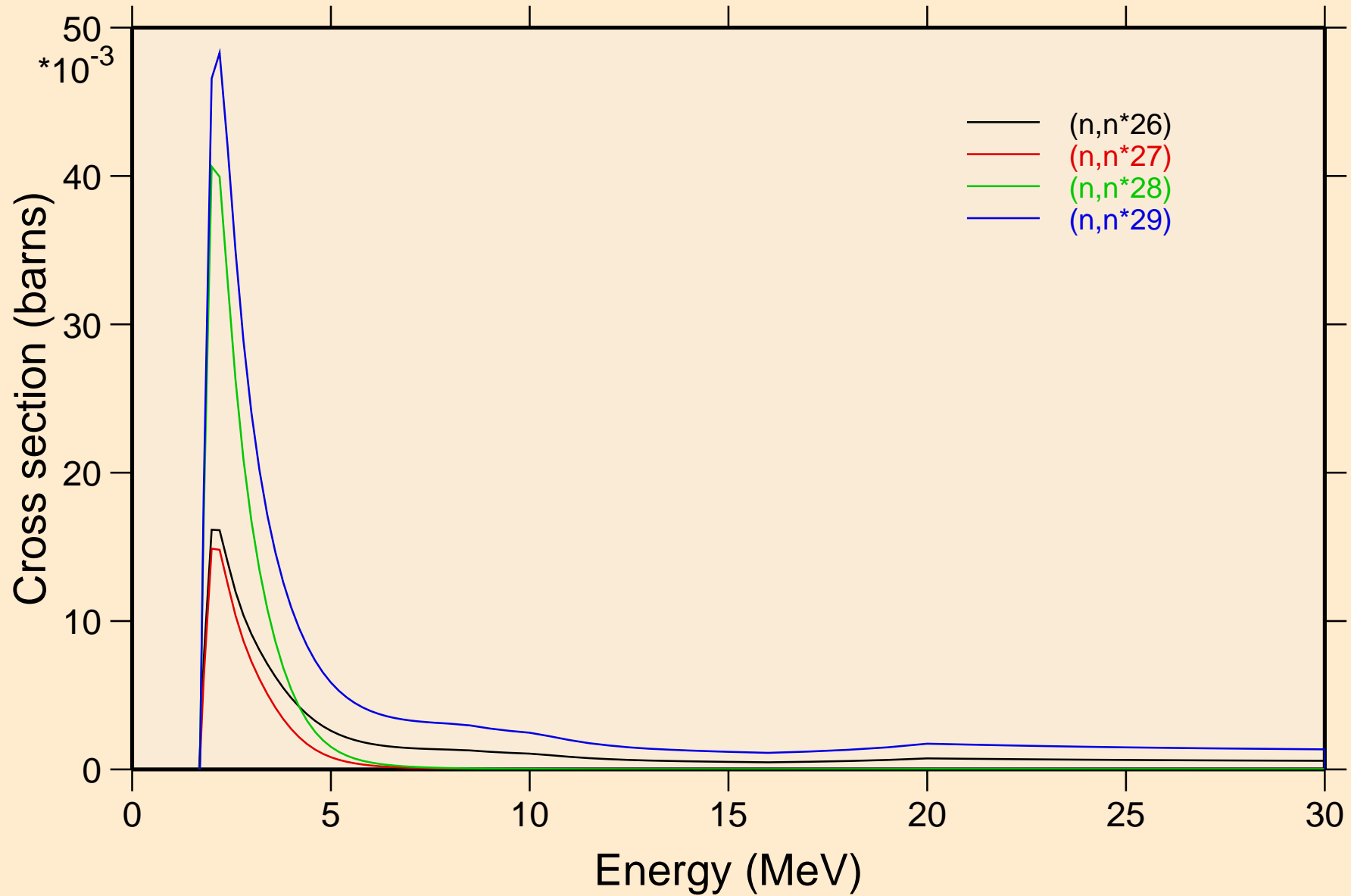
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



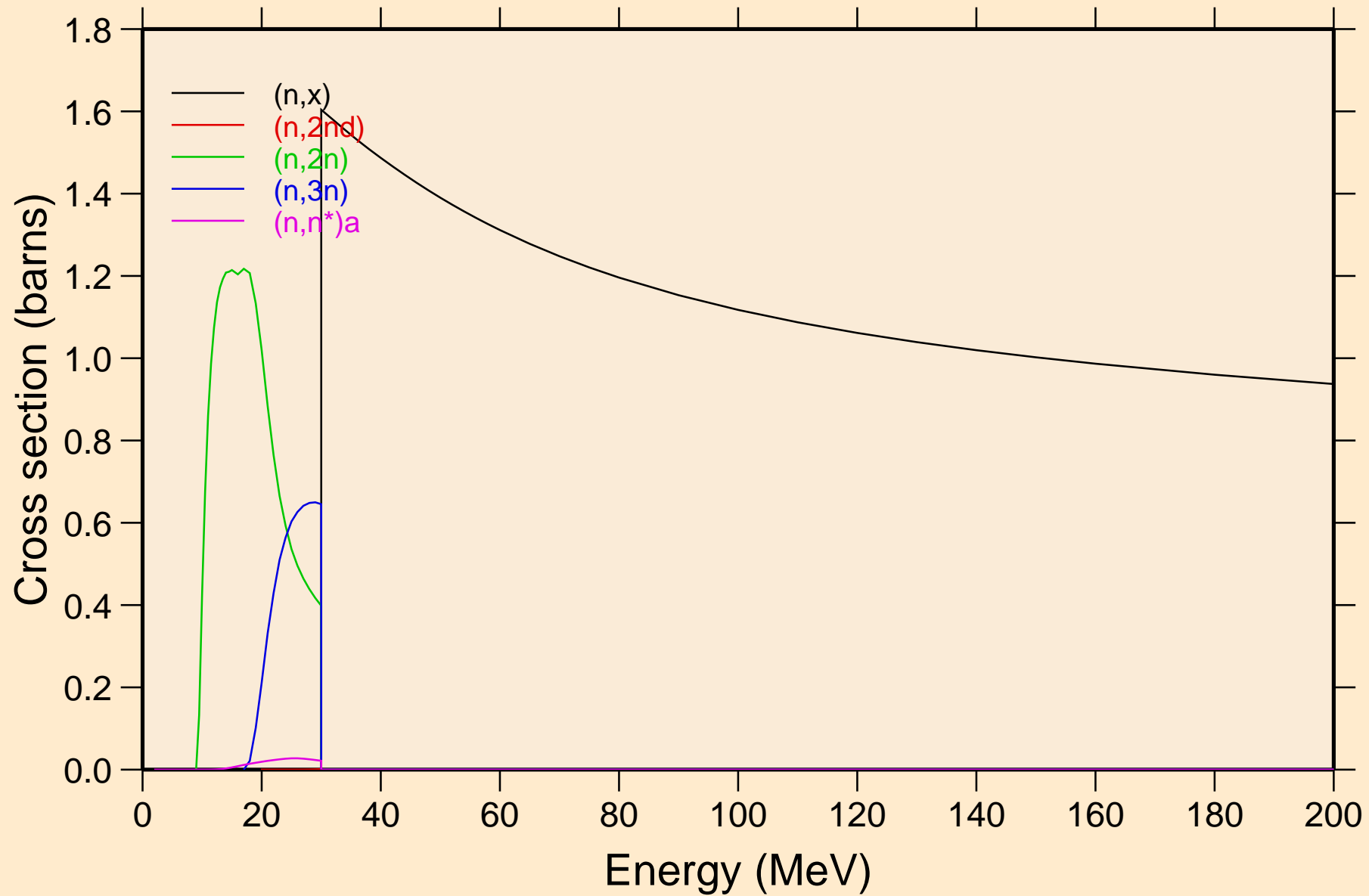
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

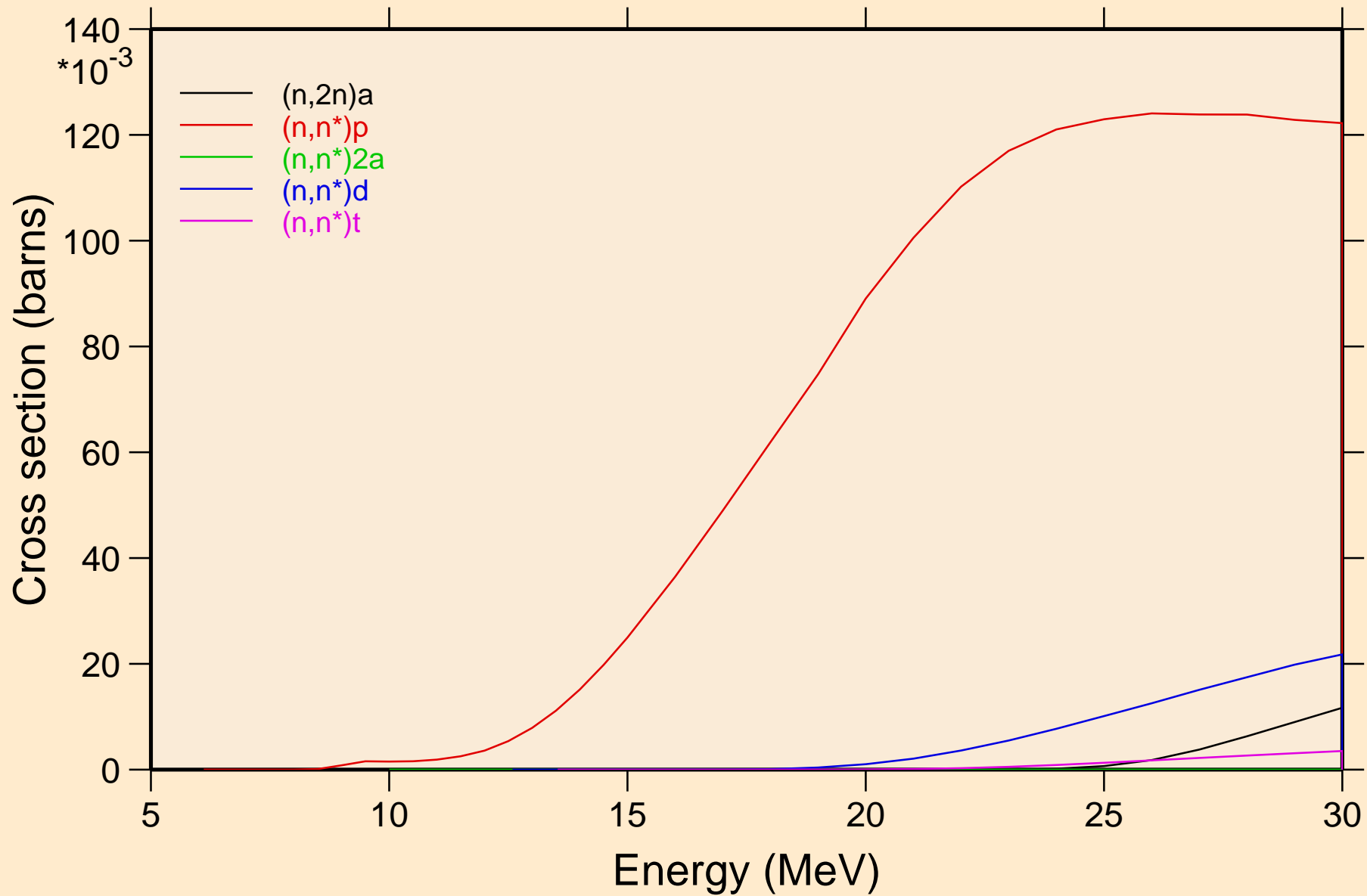


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



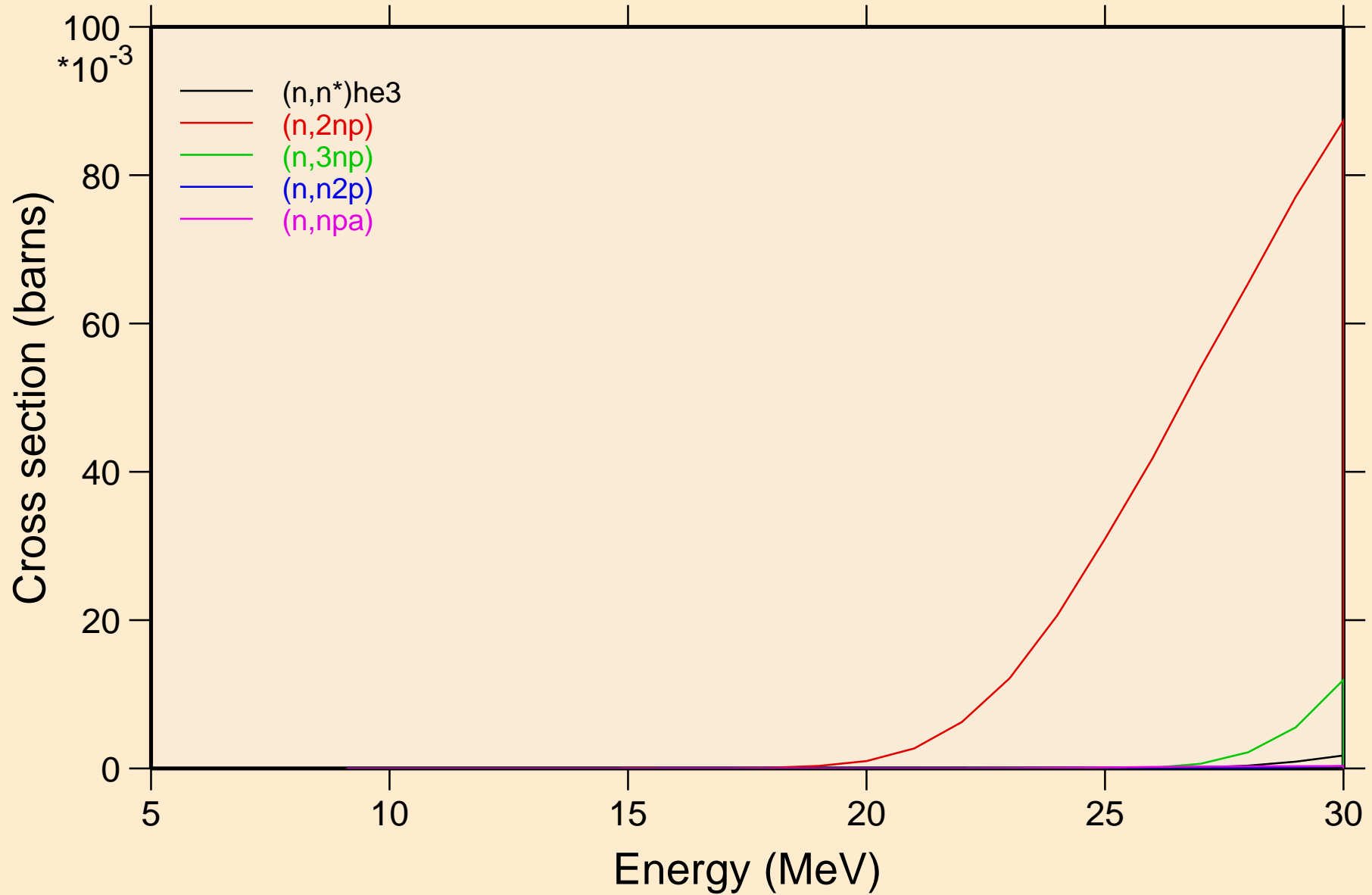
# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

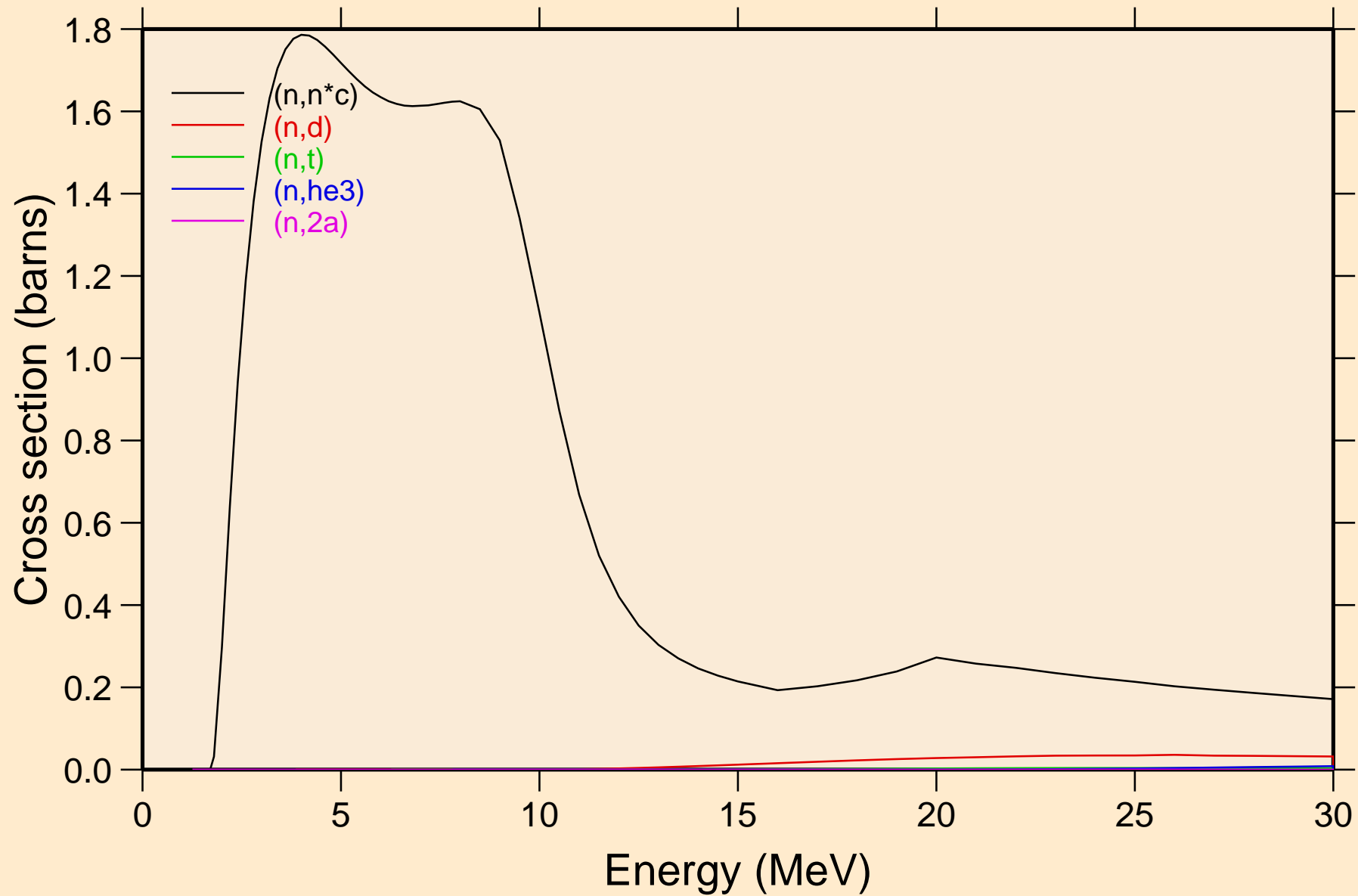




NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

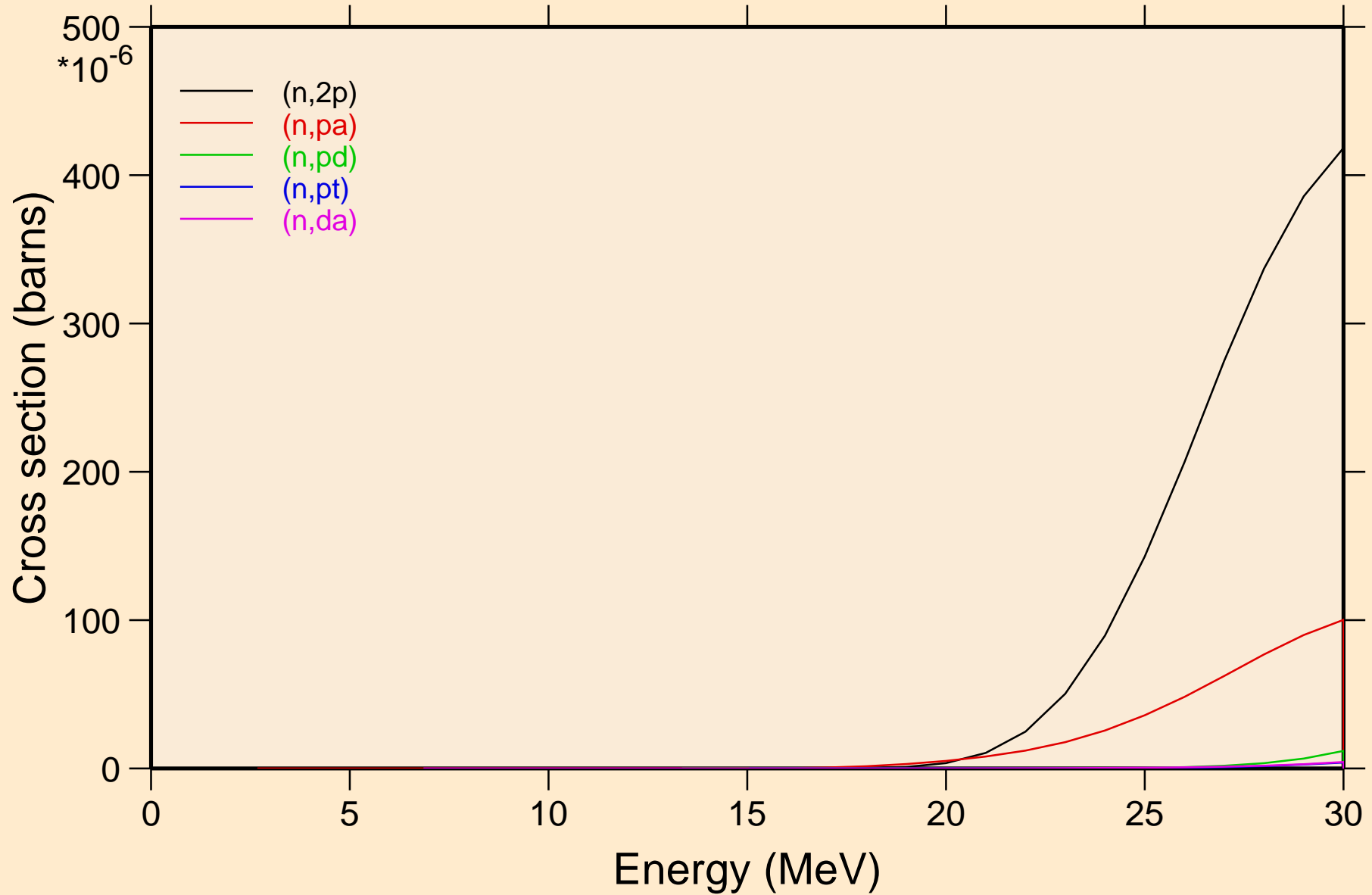


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

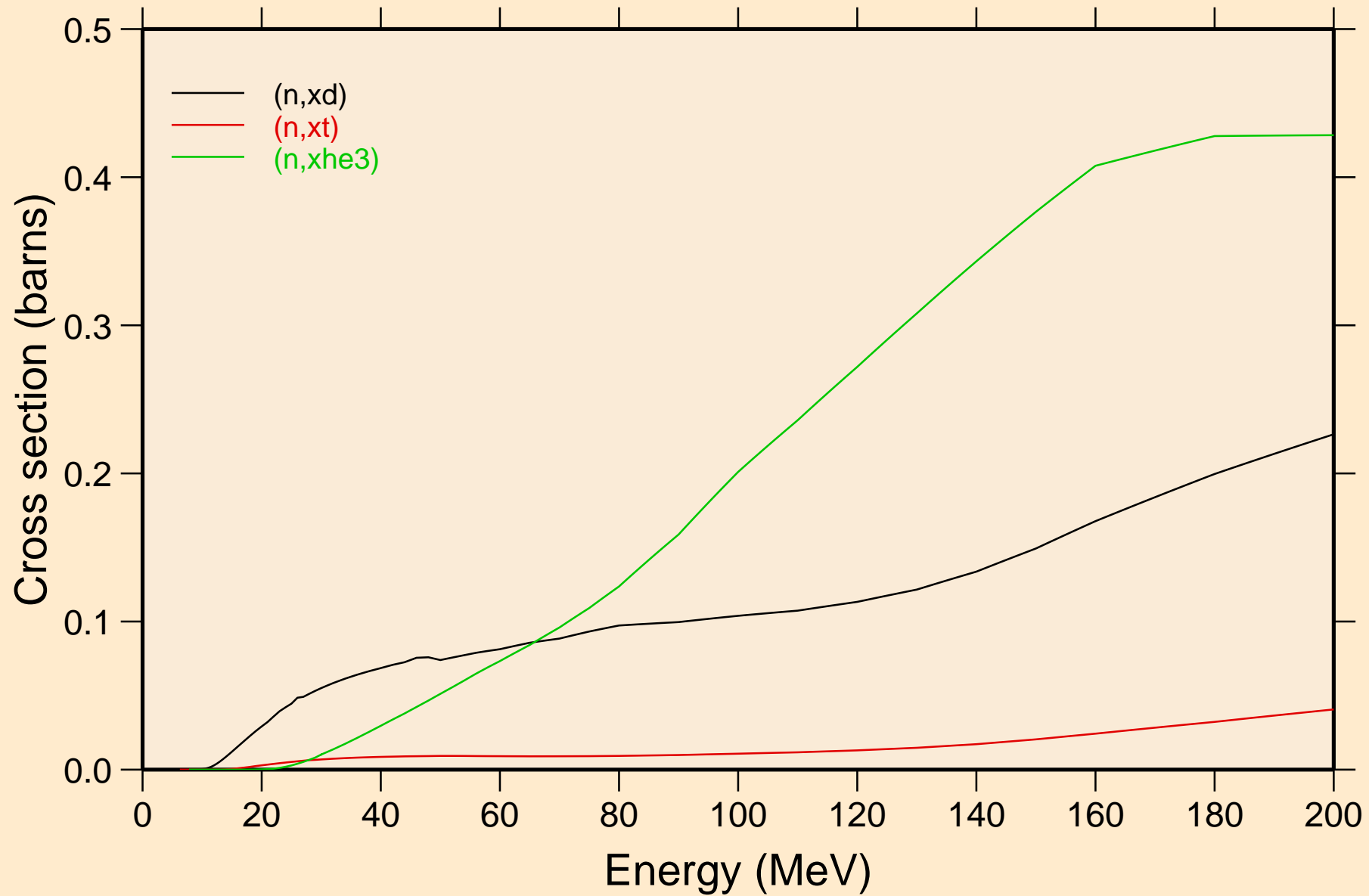


# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

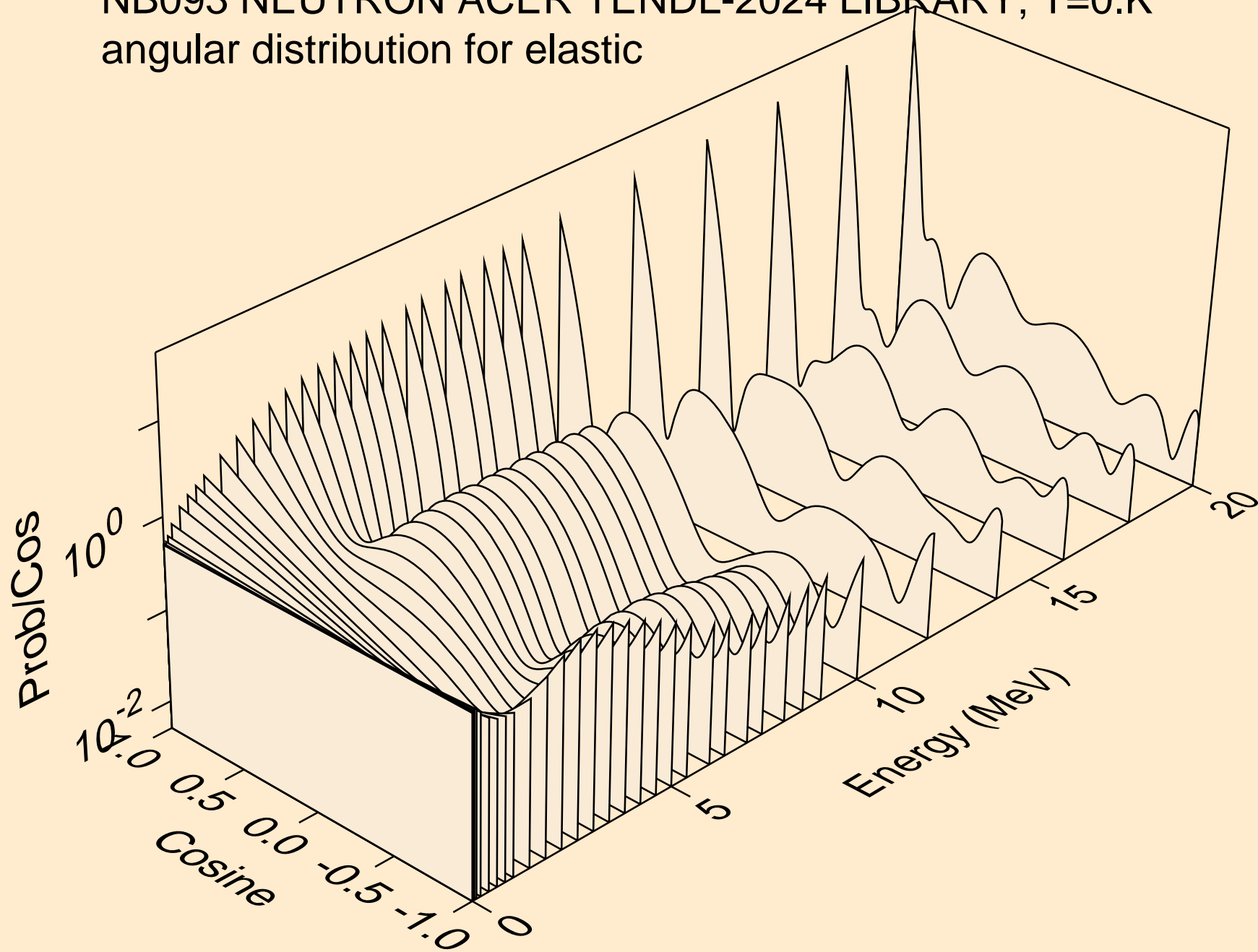
## Threshold reactions



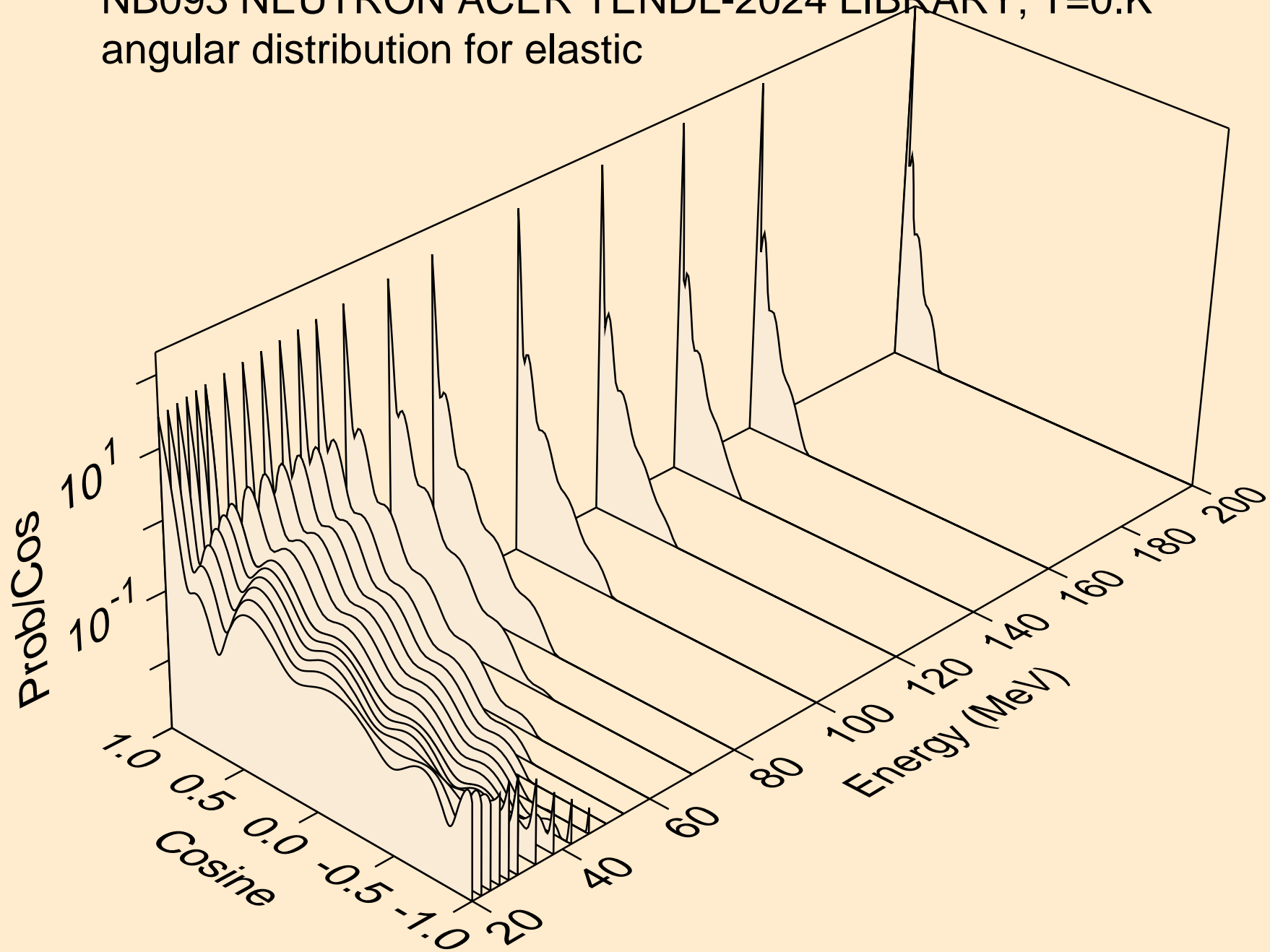
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



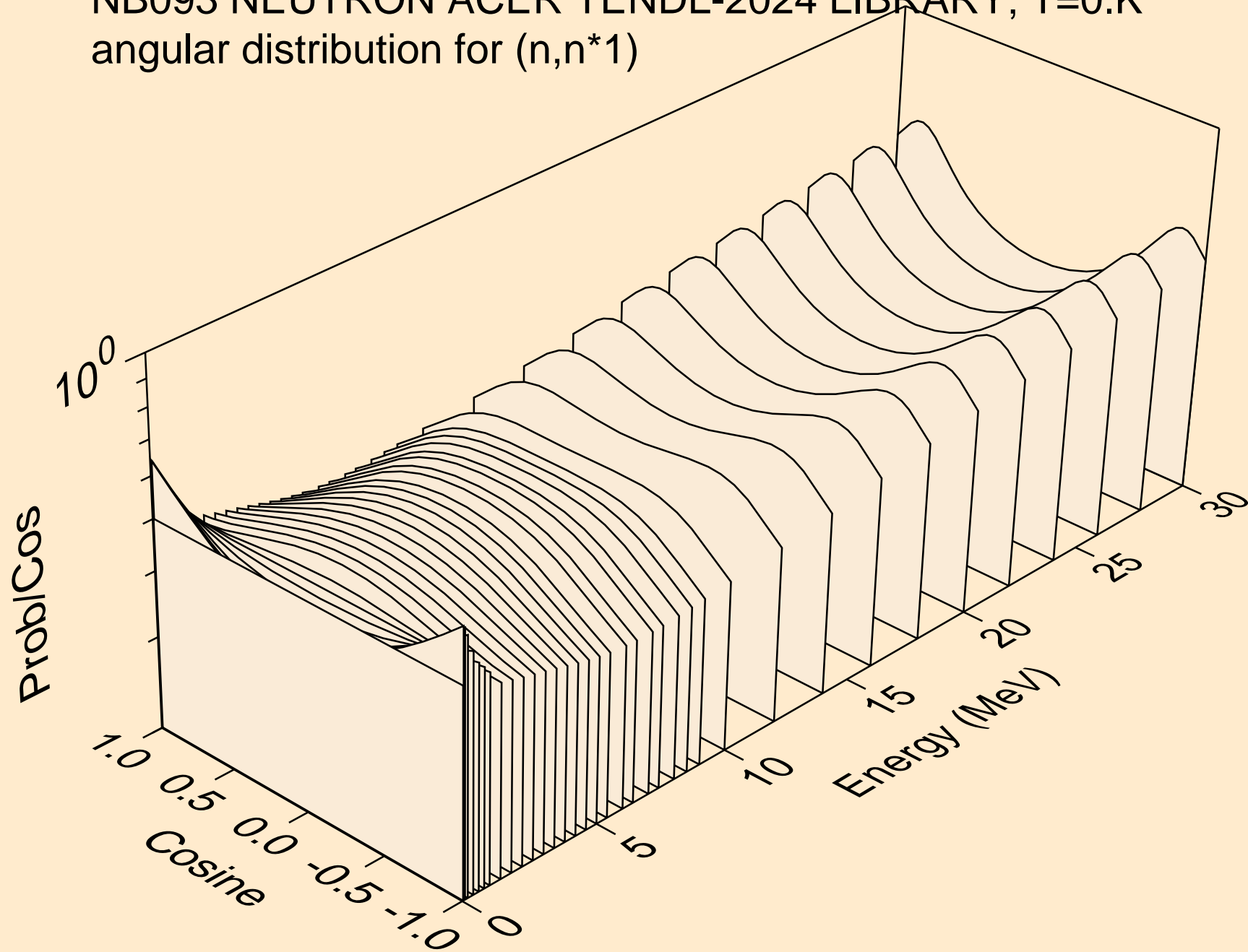
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



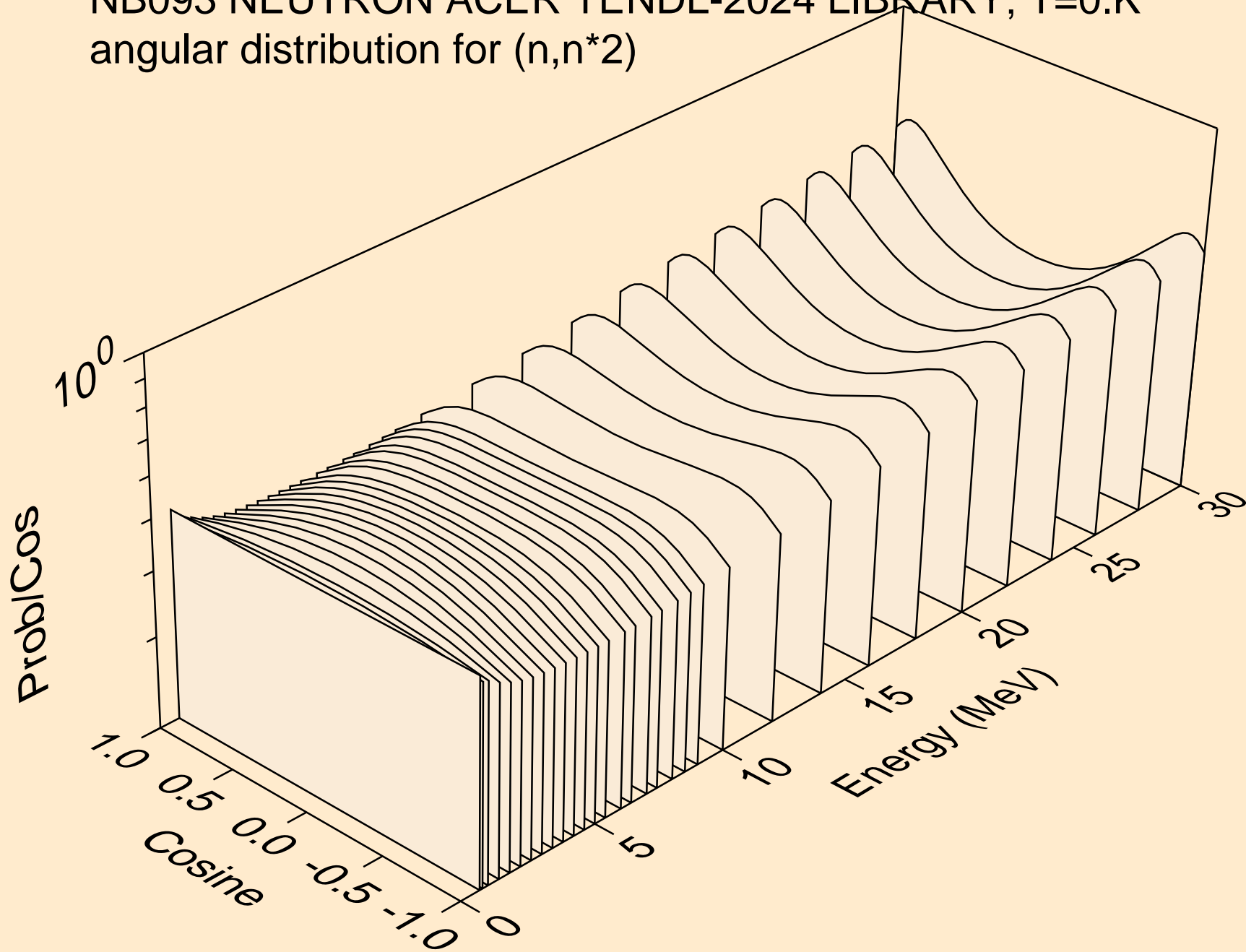
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

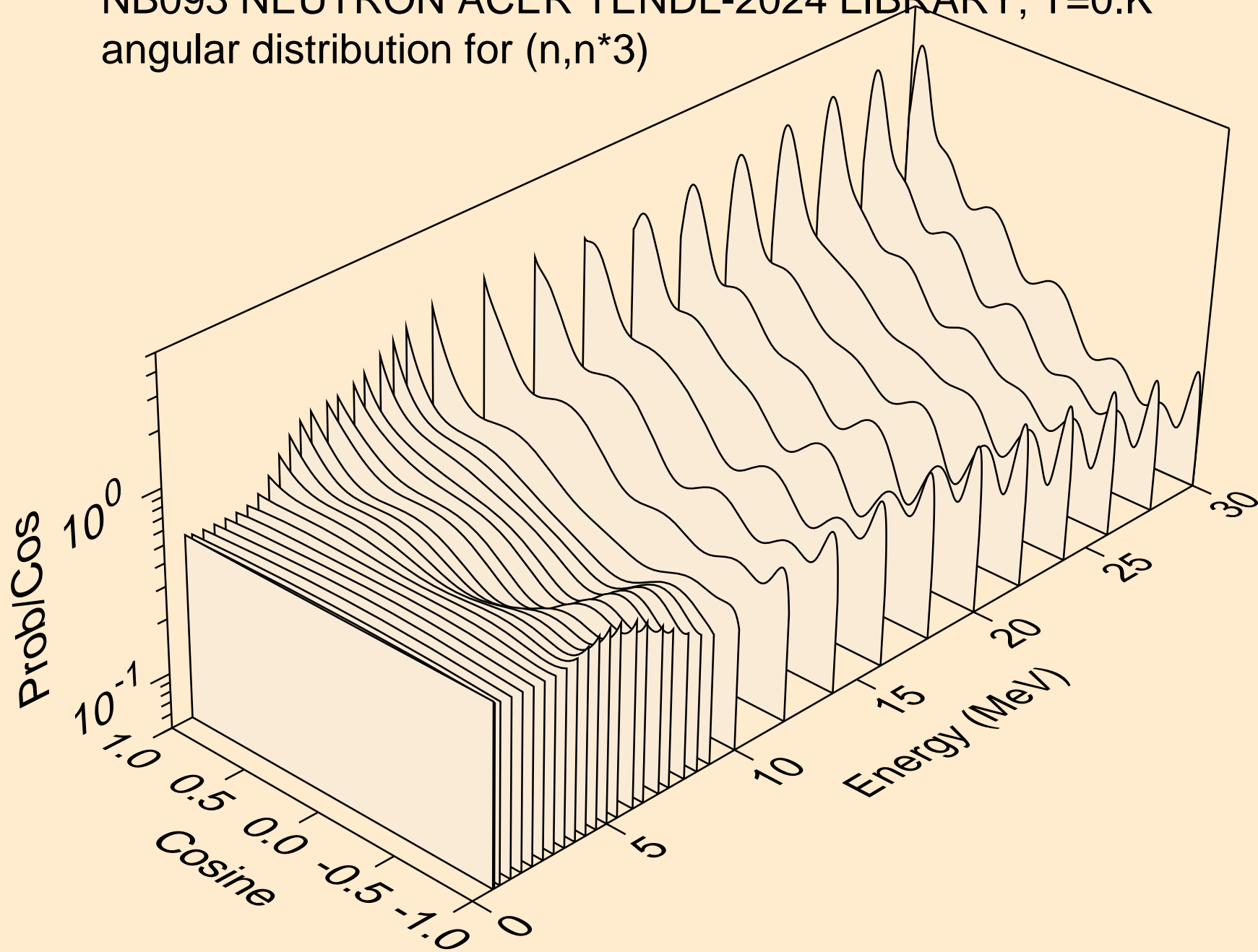


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

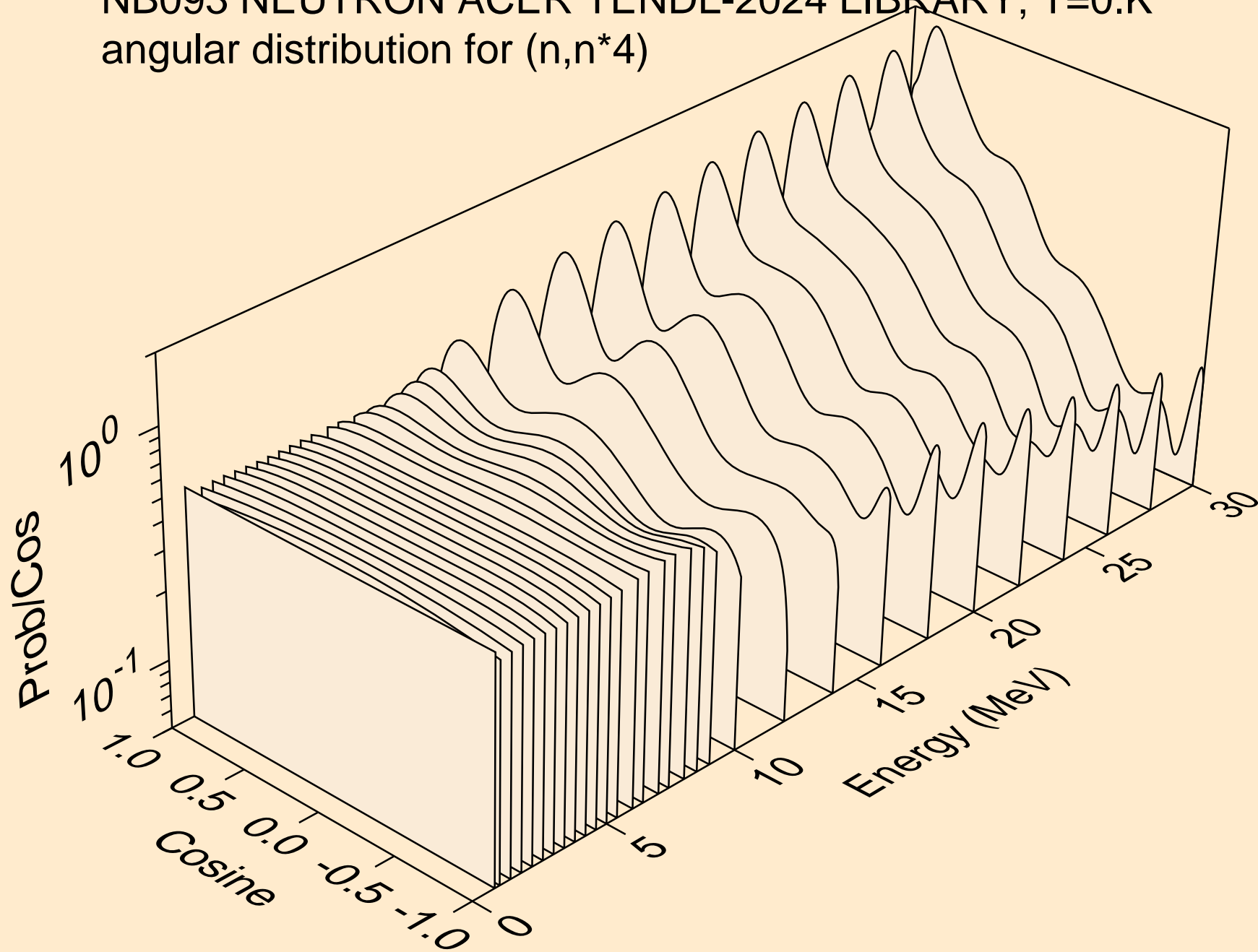




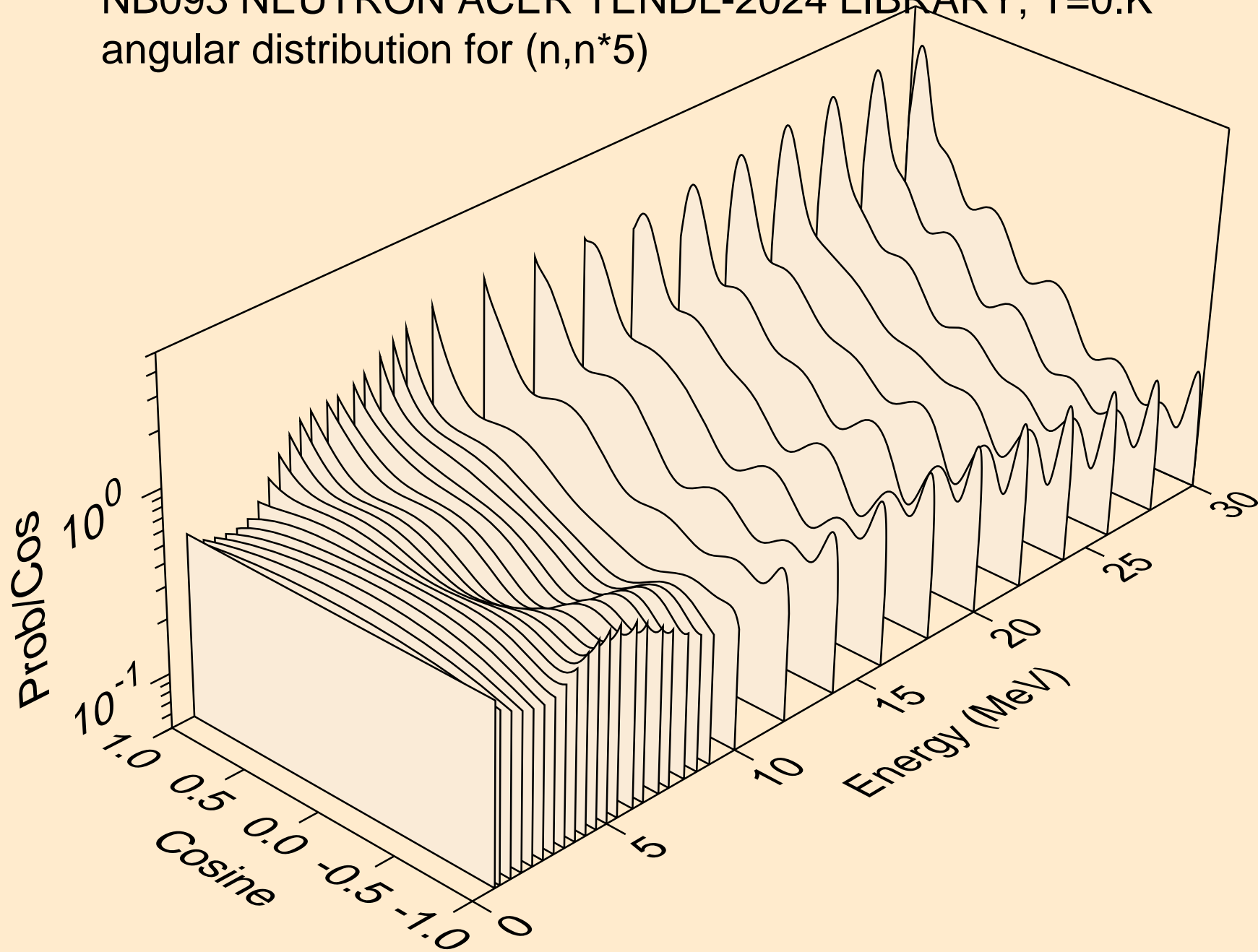
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



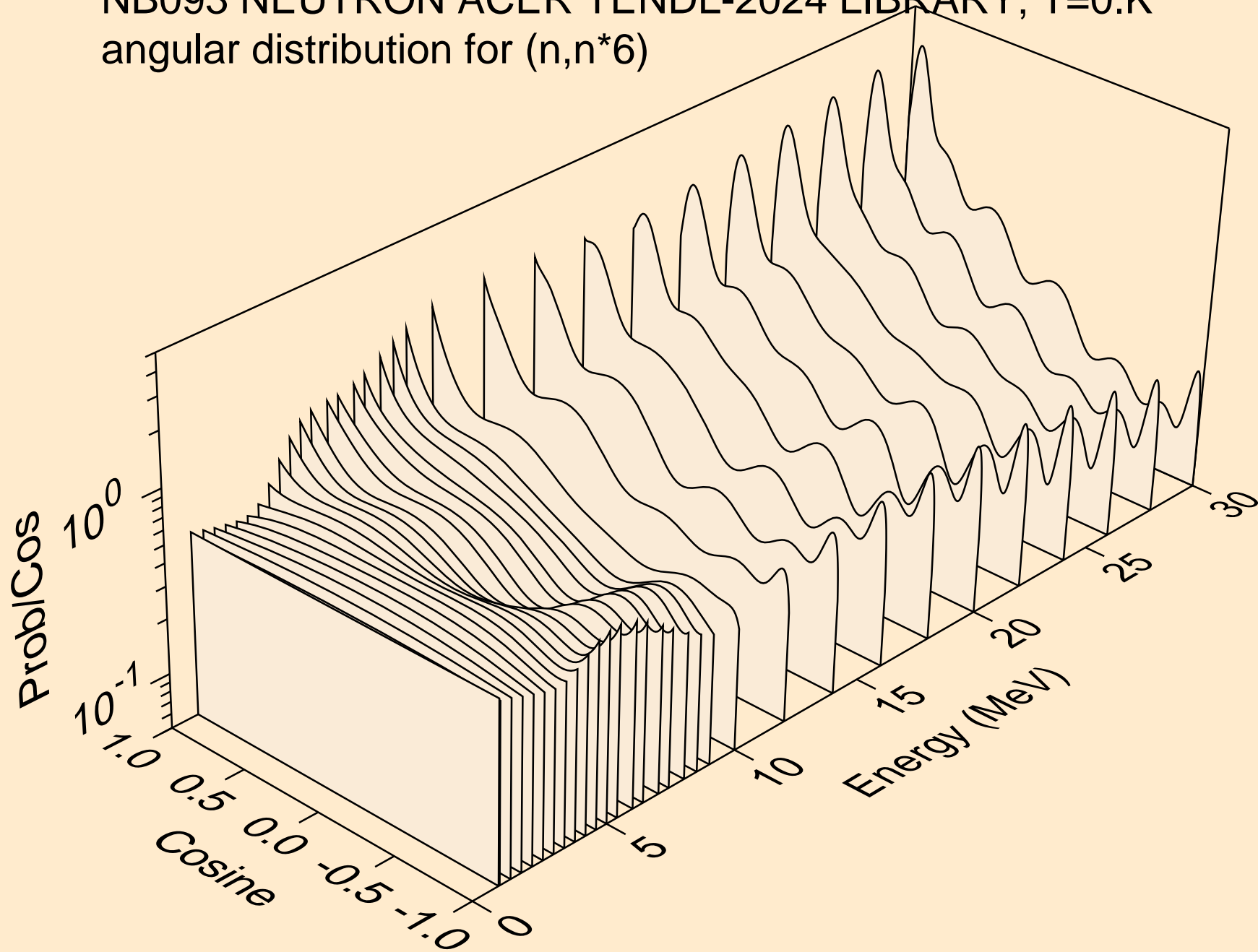
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angular distribution for (n,n\*4)



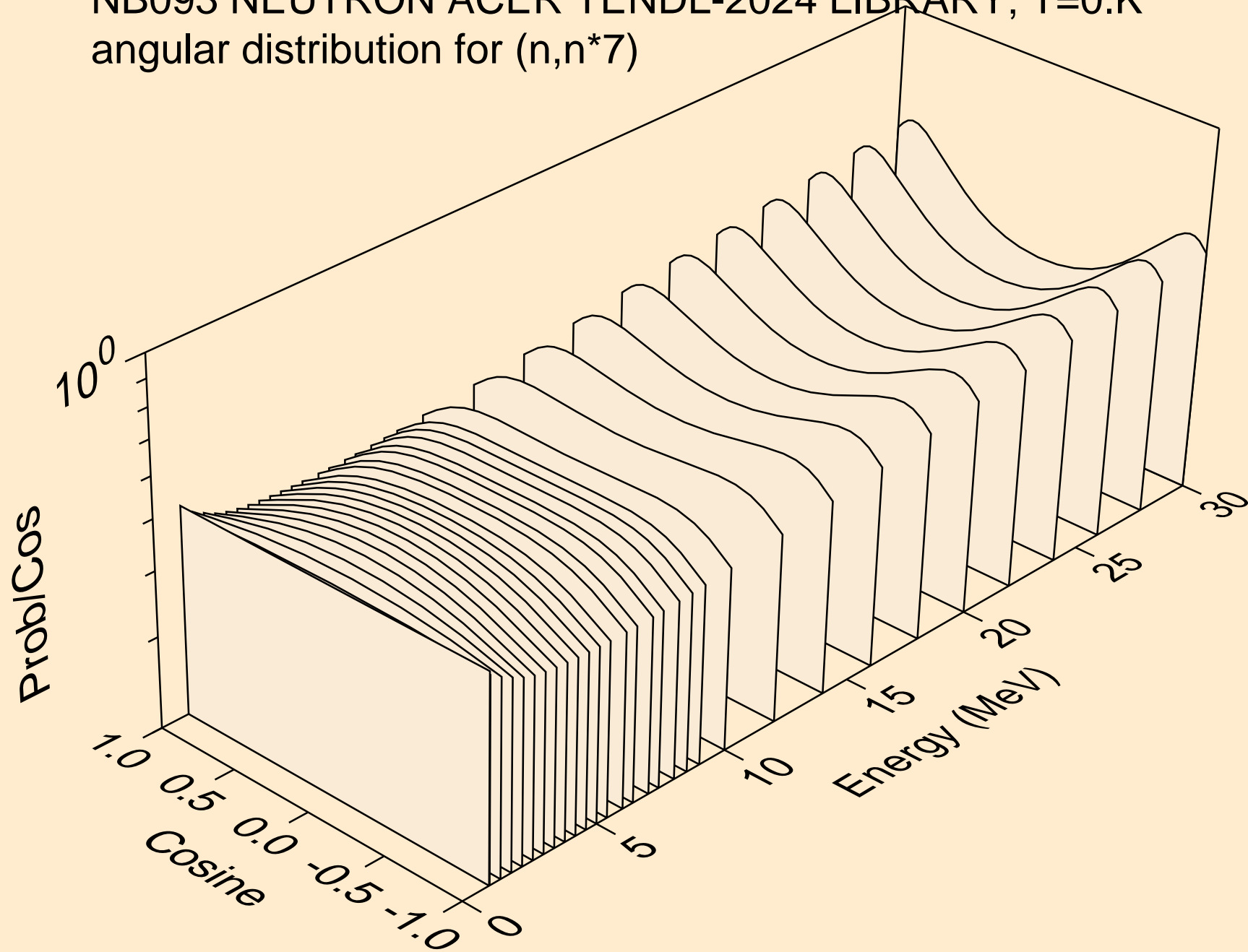
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



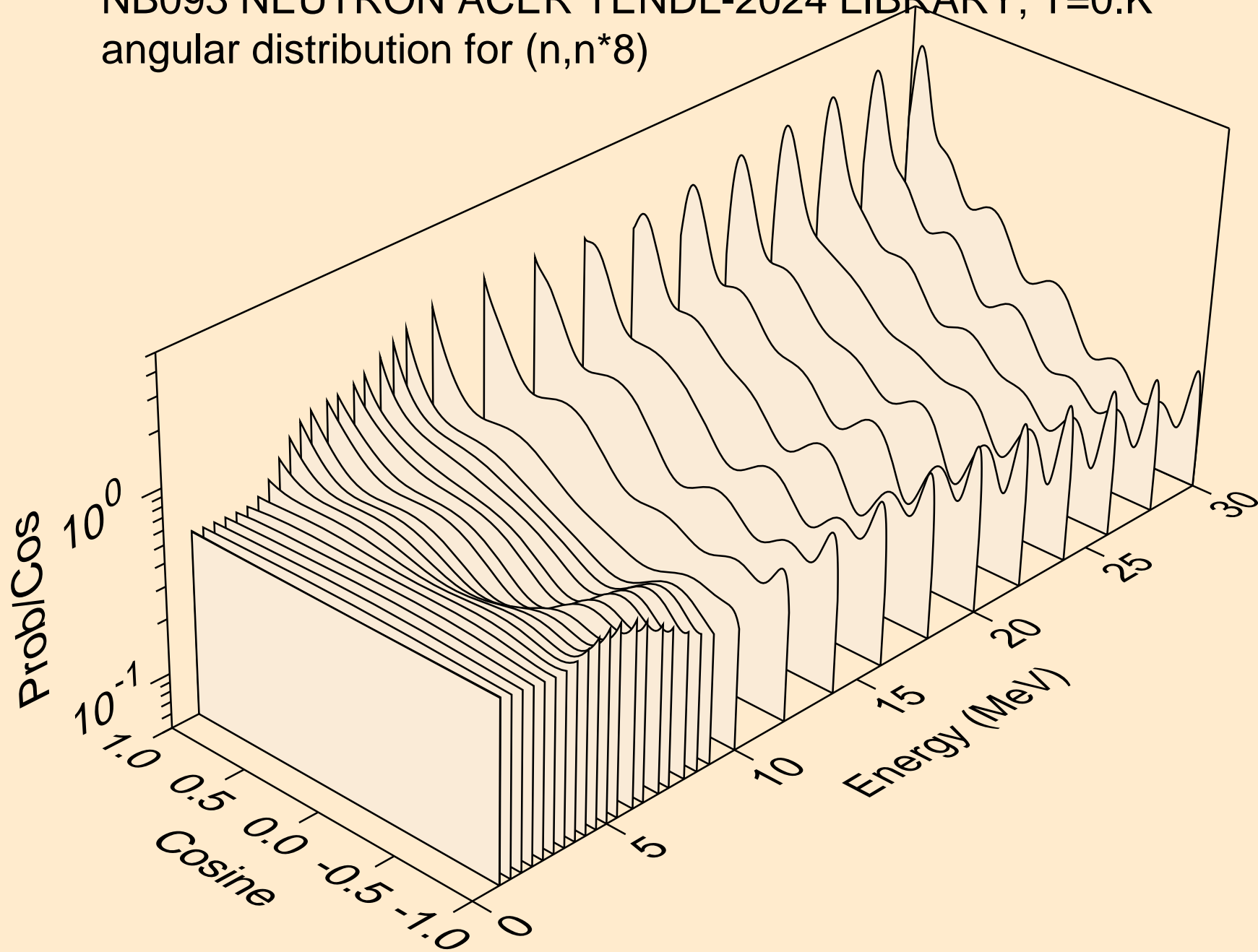
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



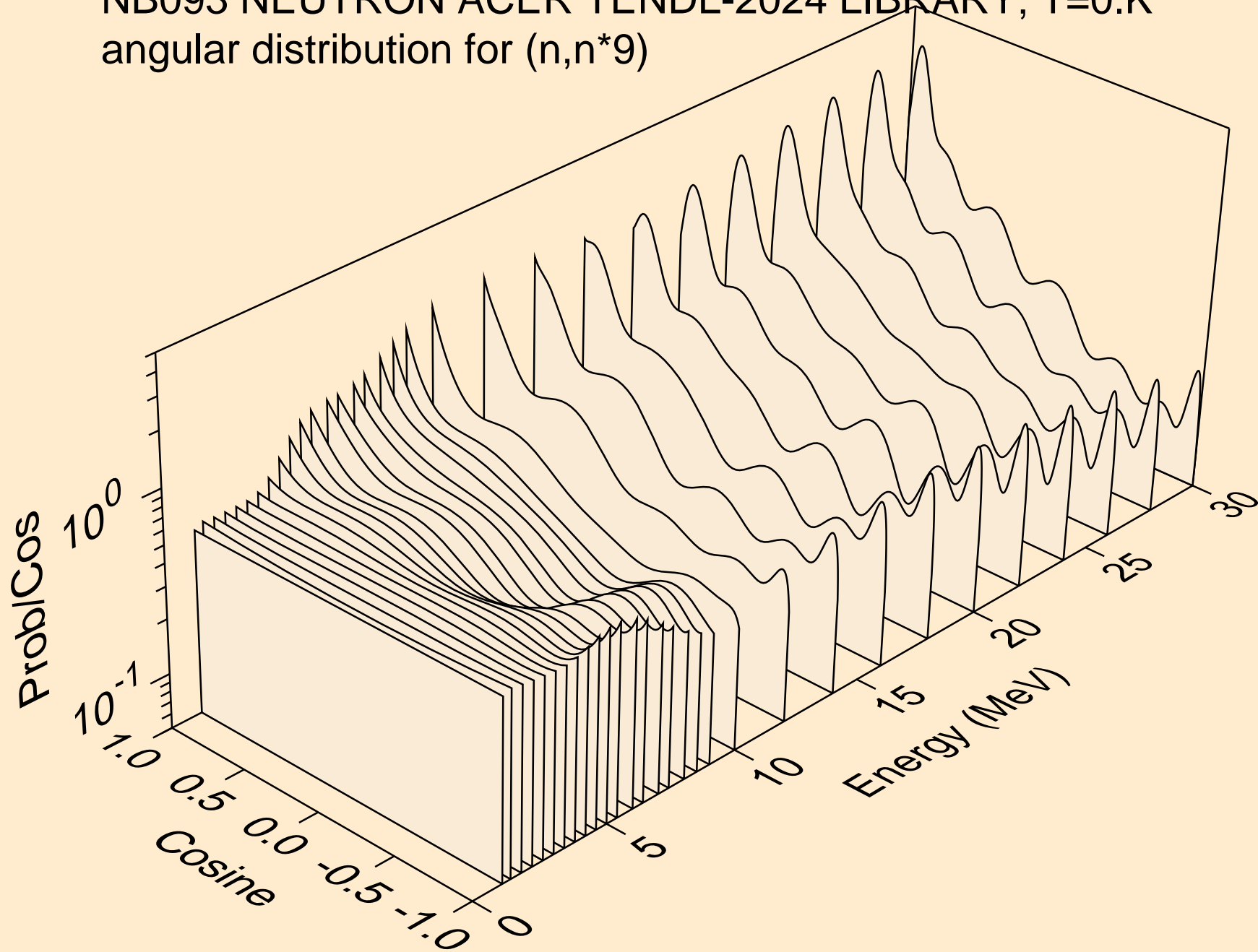
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



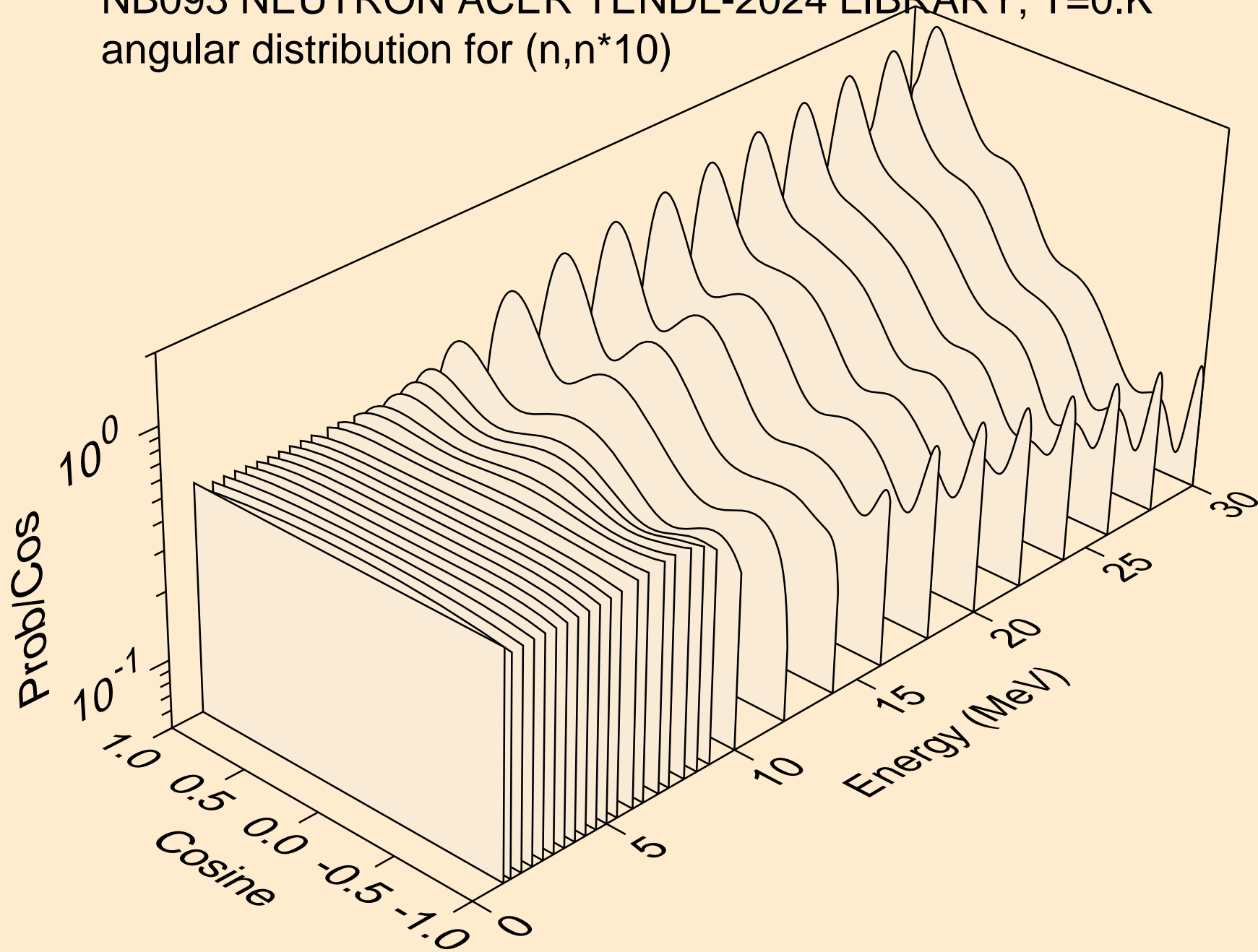
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

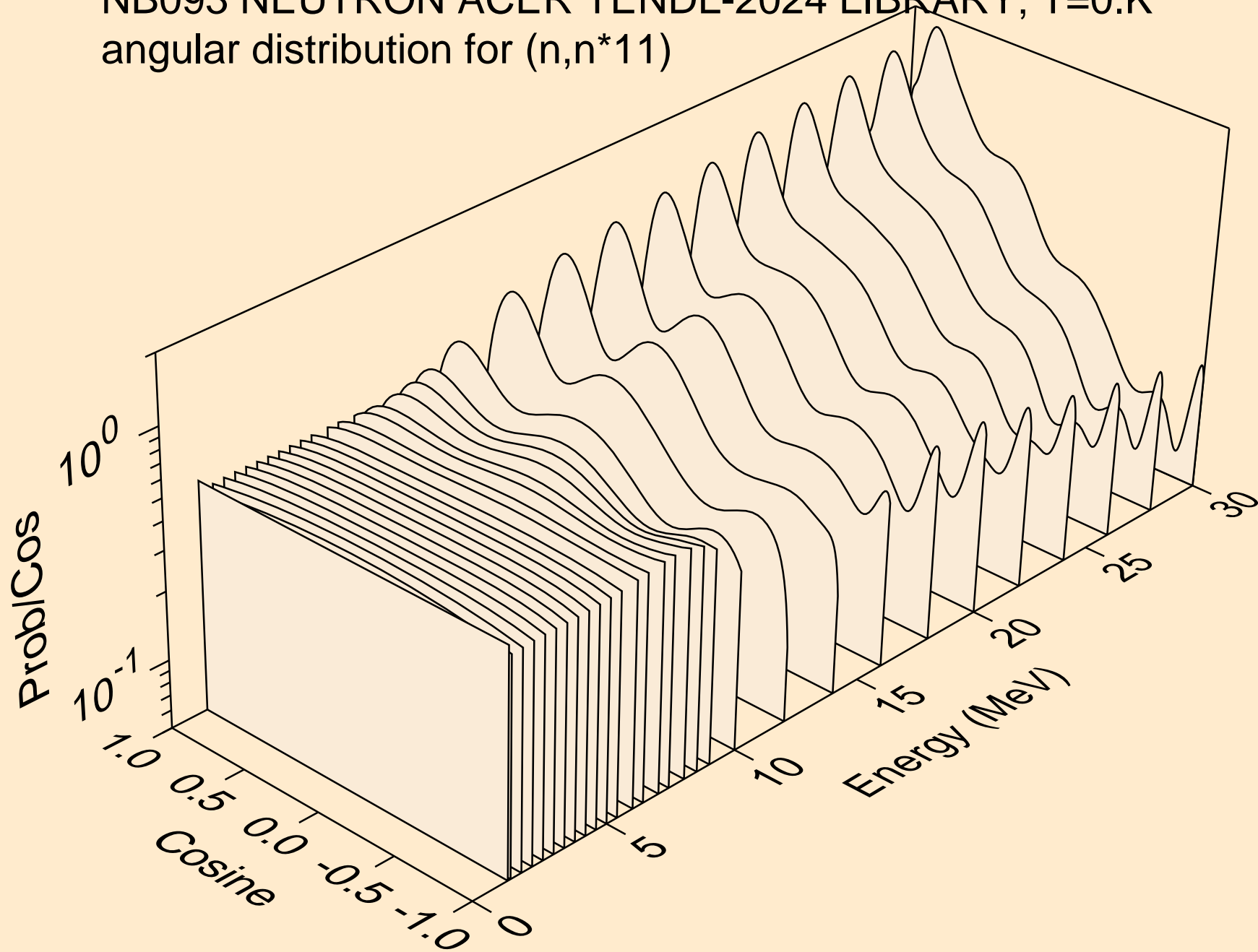


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

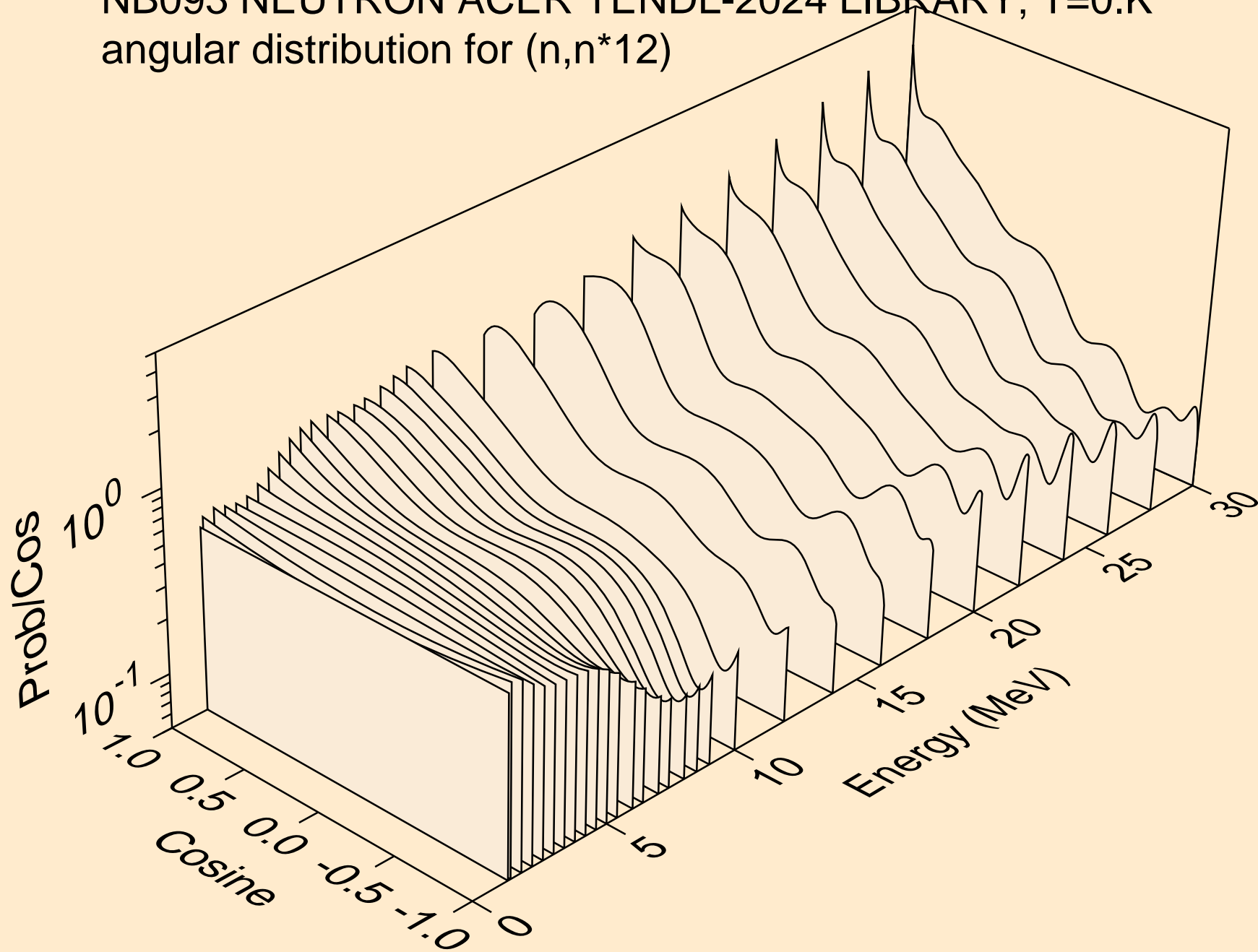




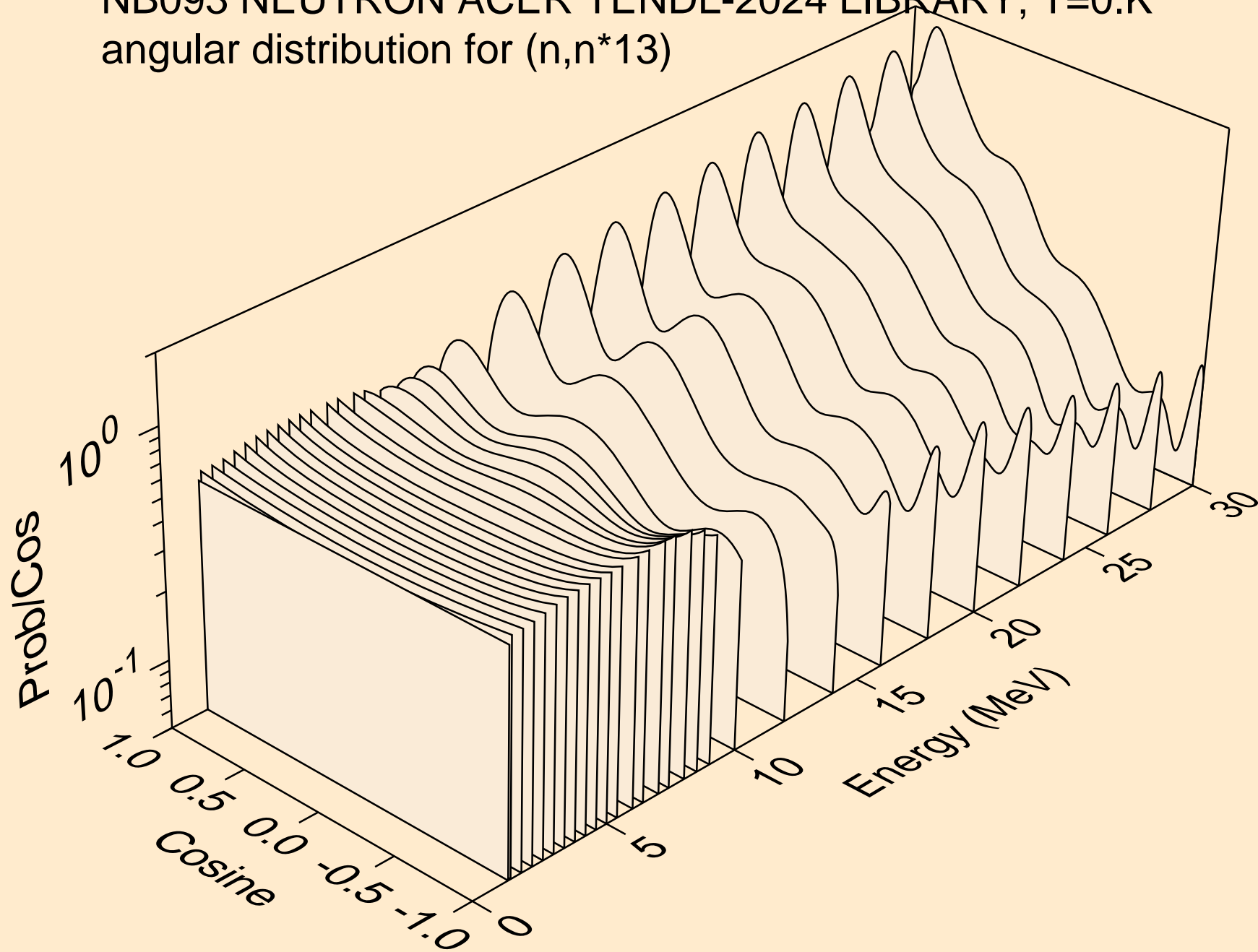
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



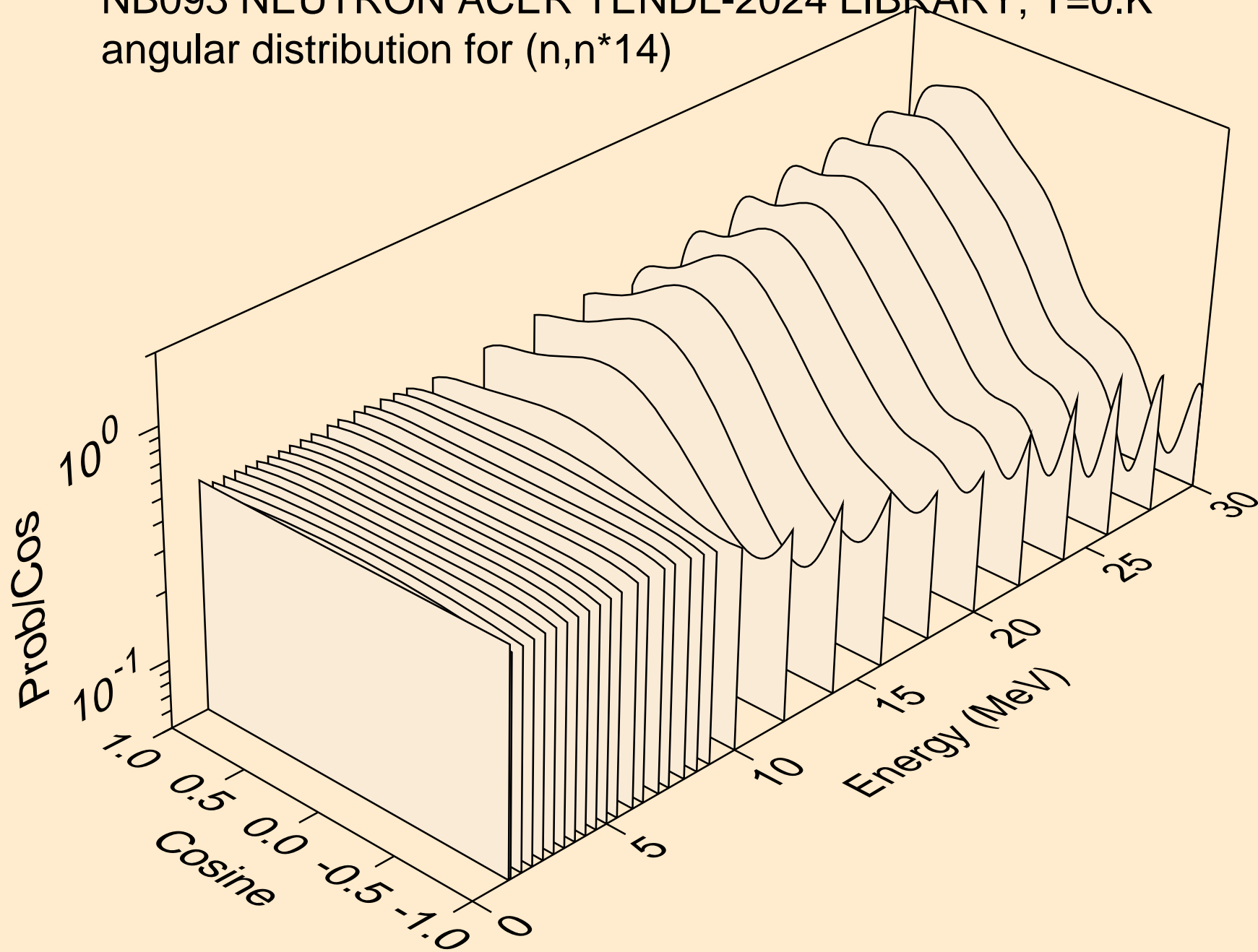
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



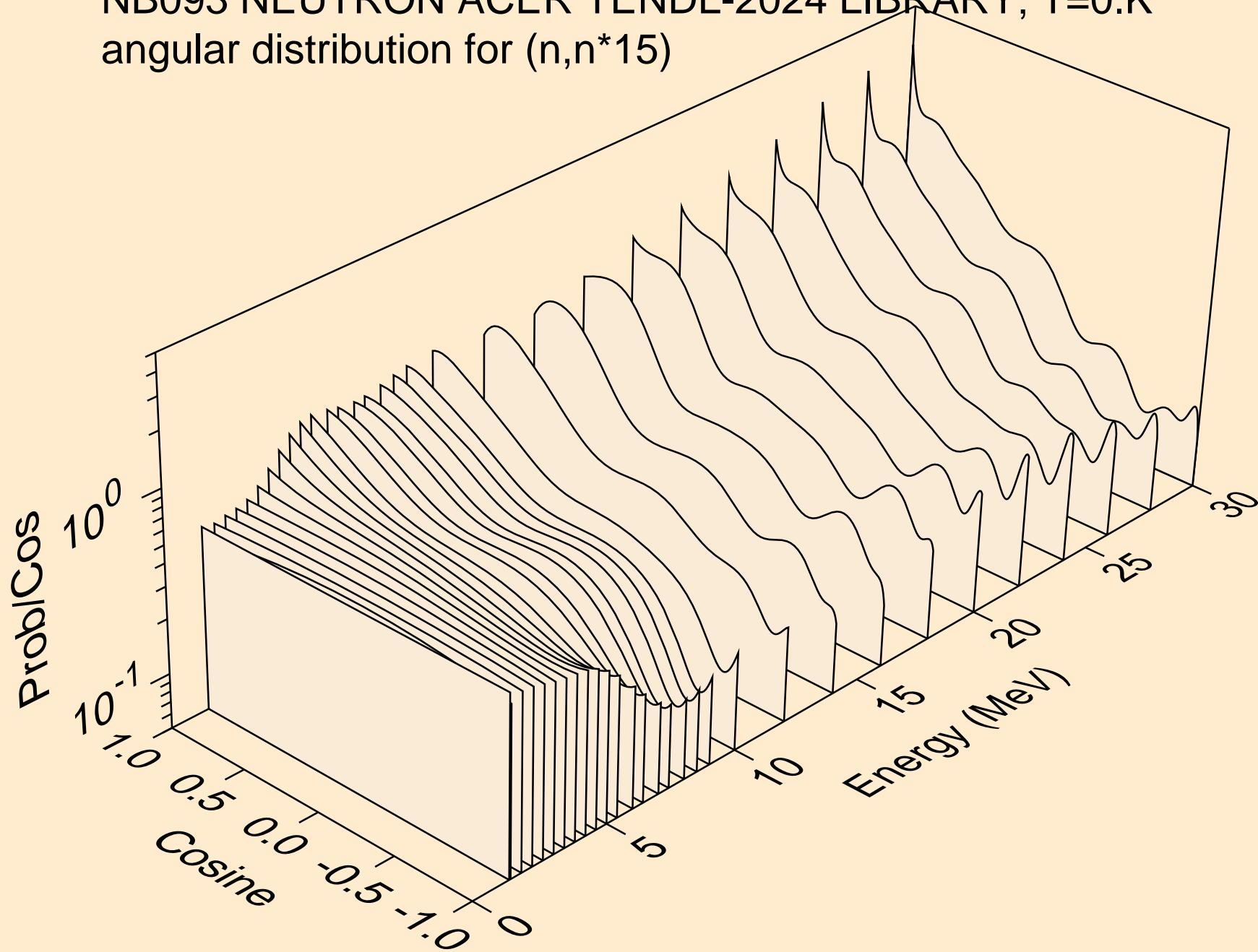
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



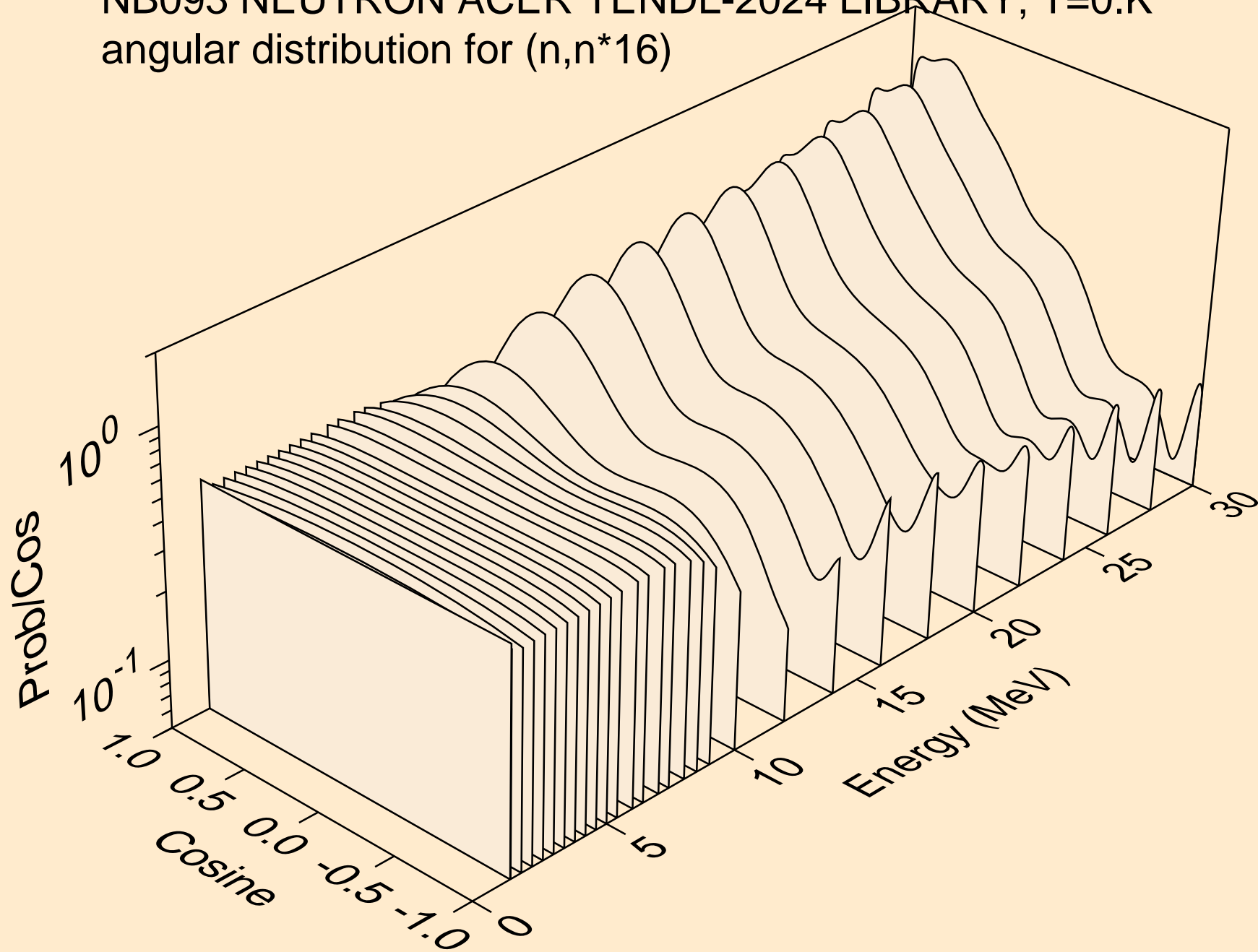
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angular distribution for (n,n\*14)



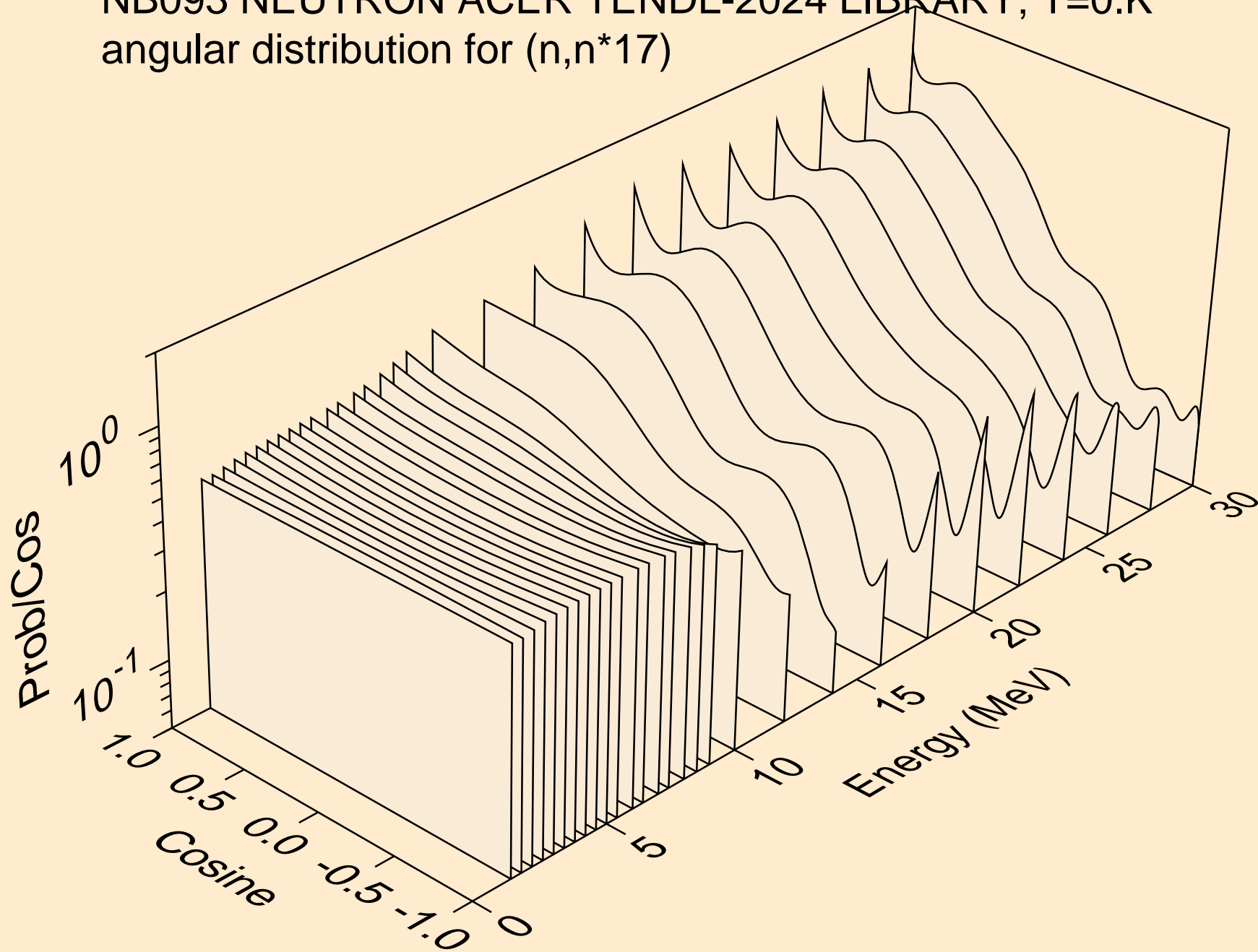
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



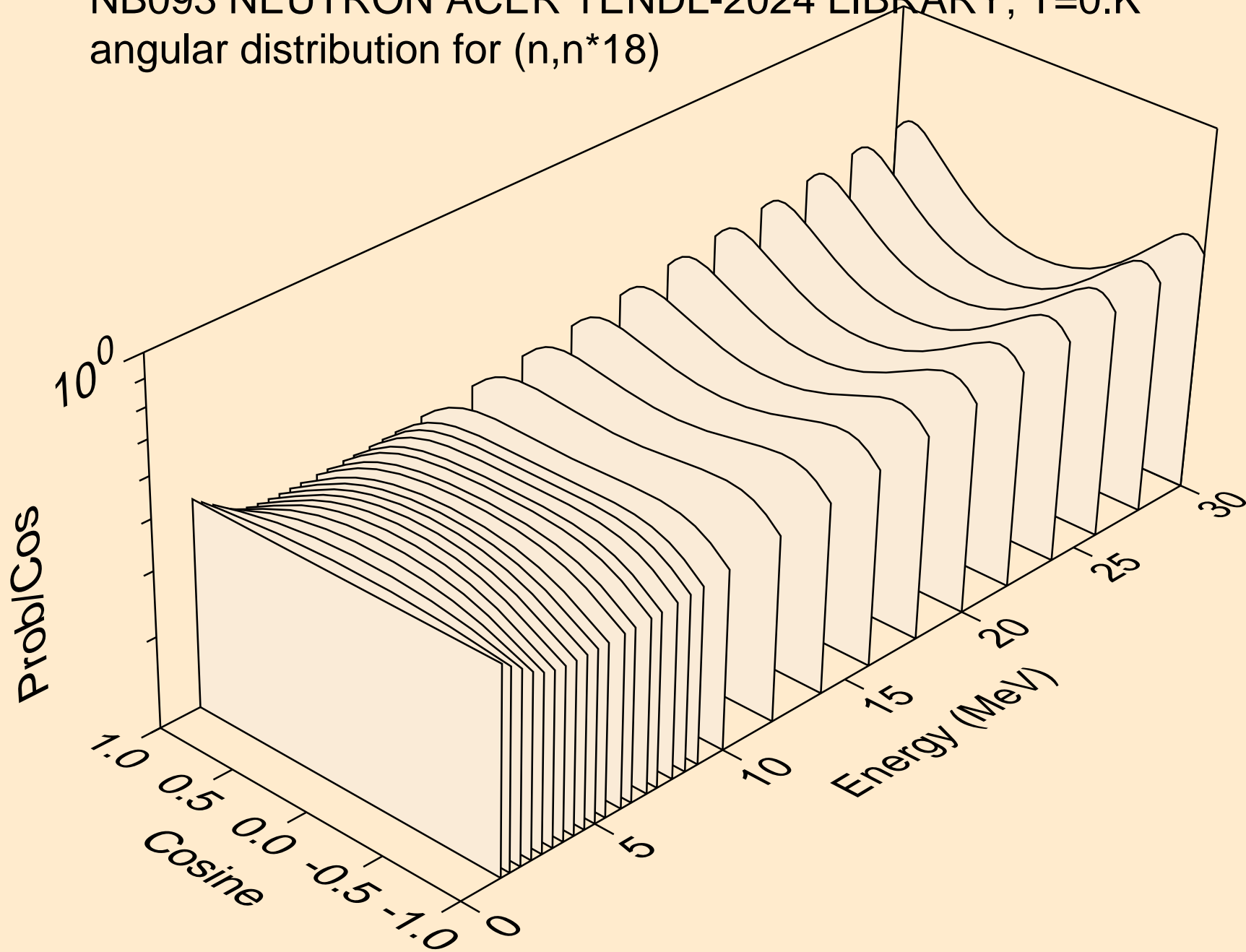
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

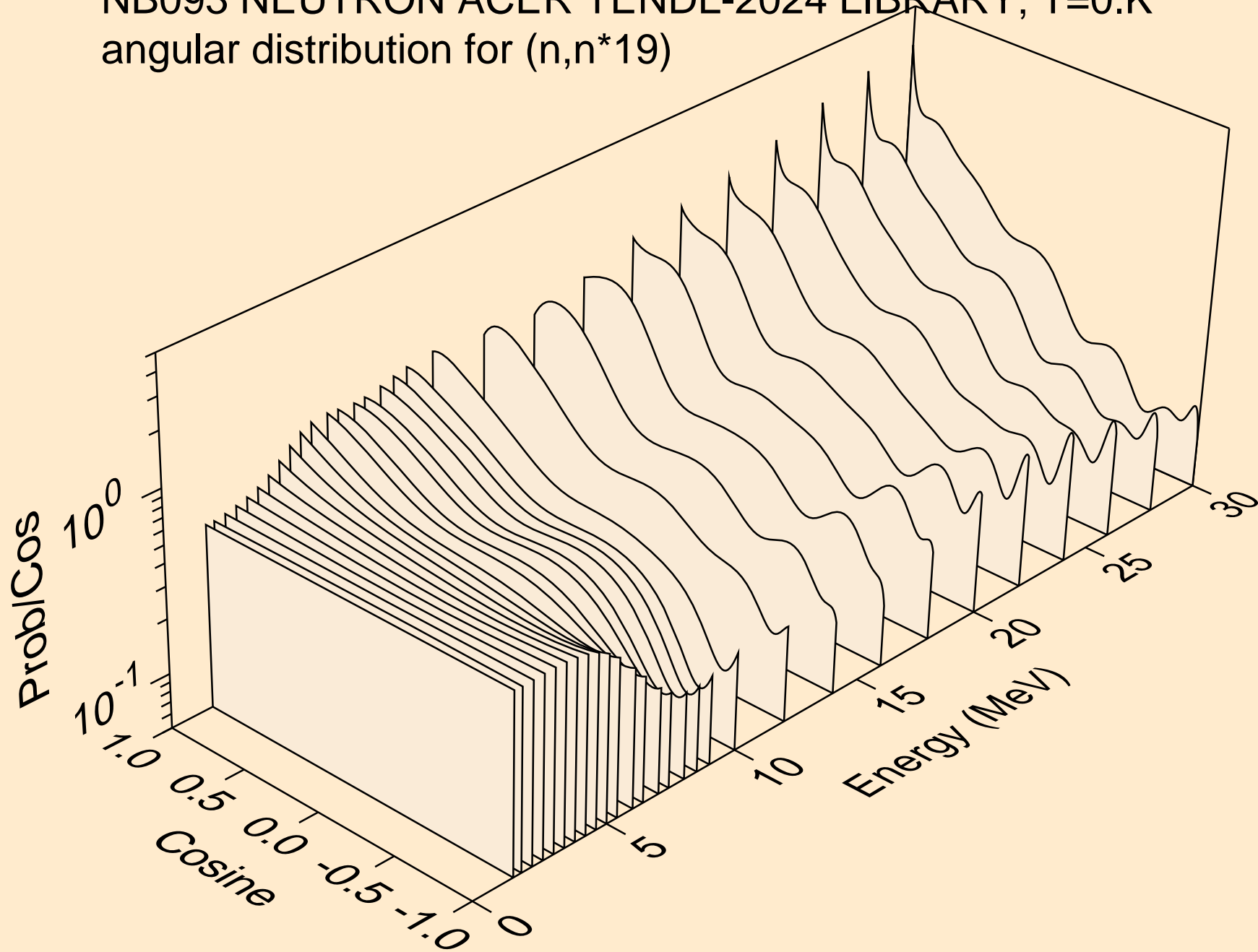


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

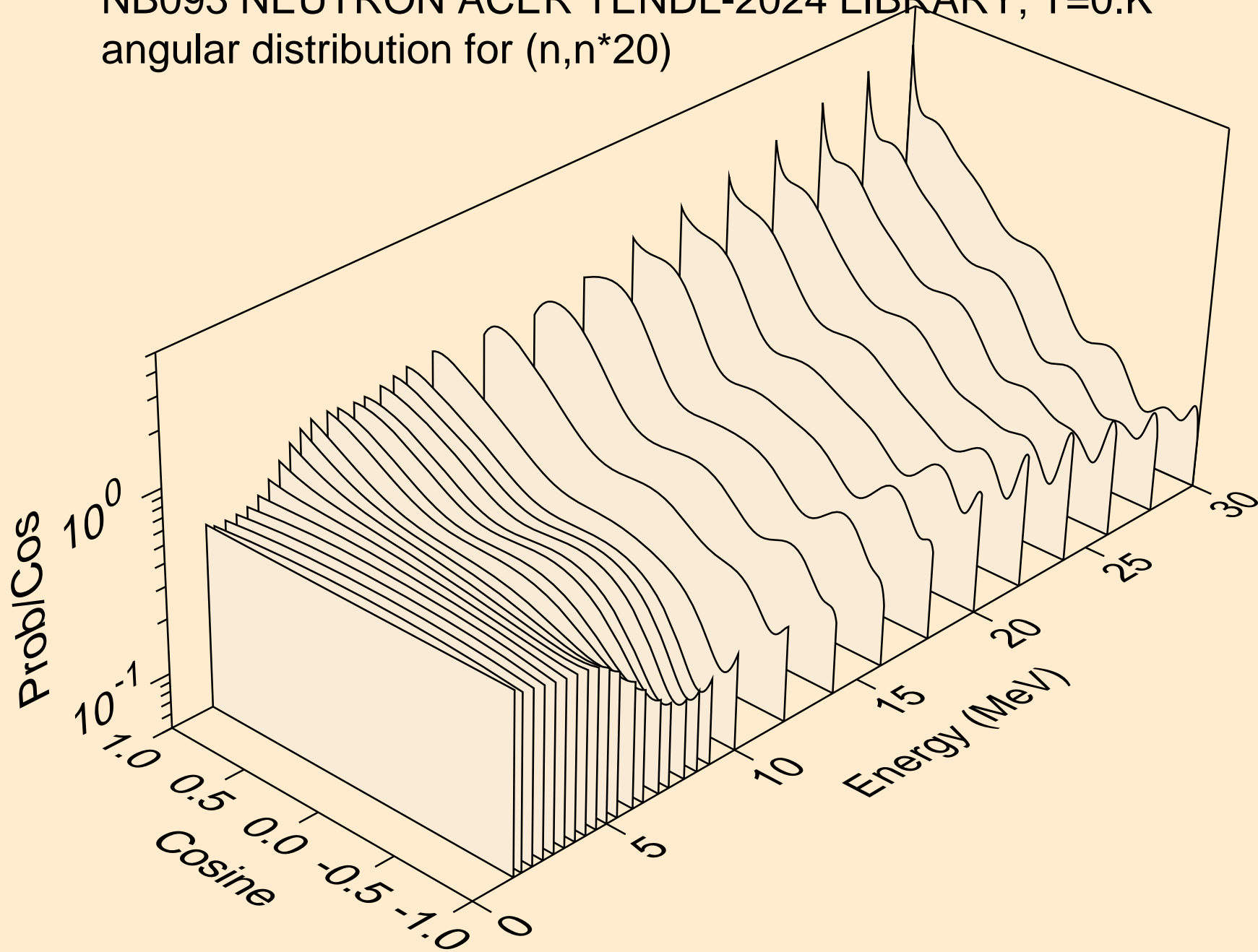




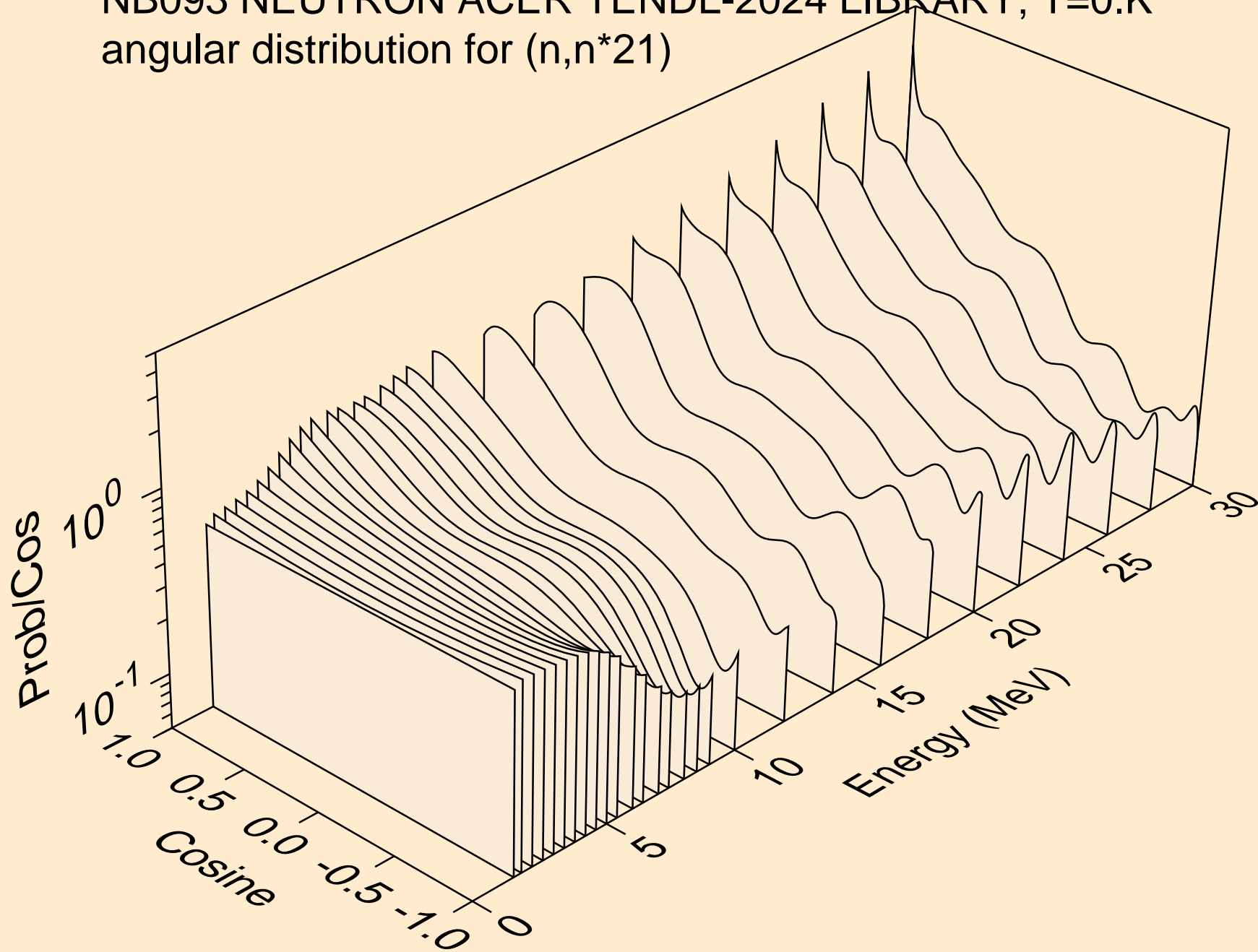
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angular distribution for (n,n\*19)



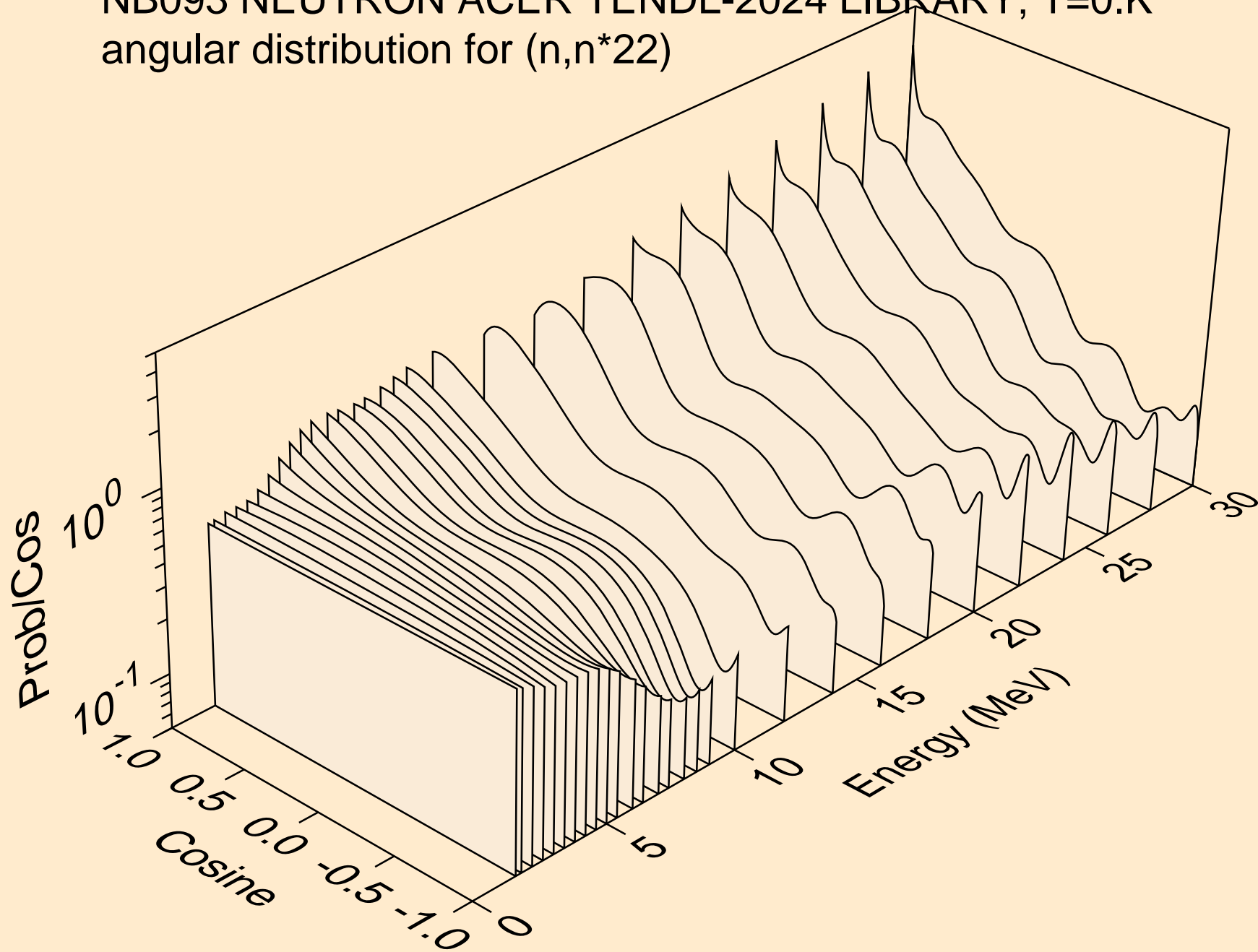
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



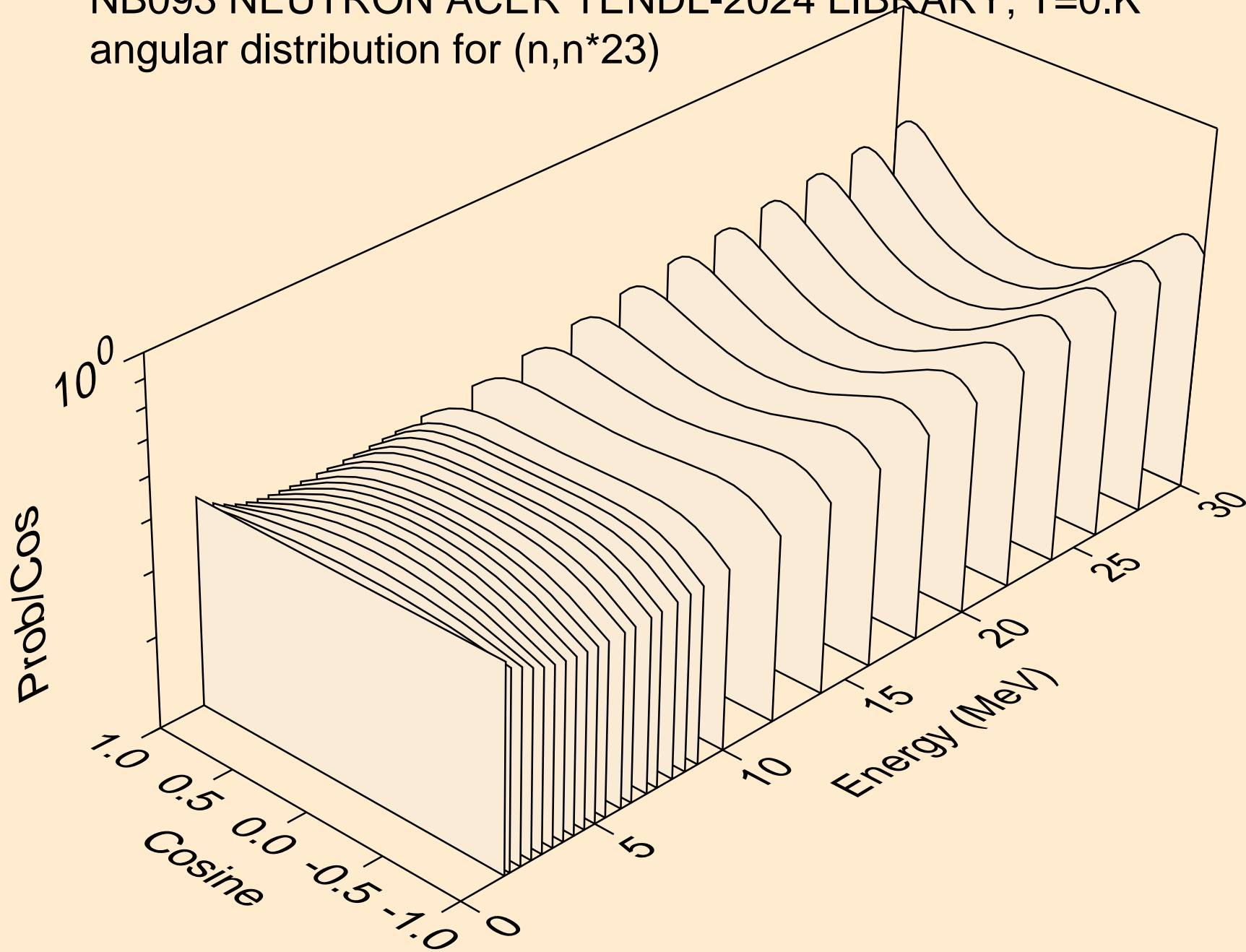
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angular distribution for (n,n\*21)



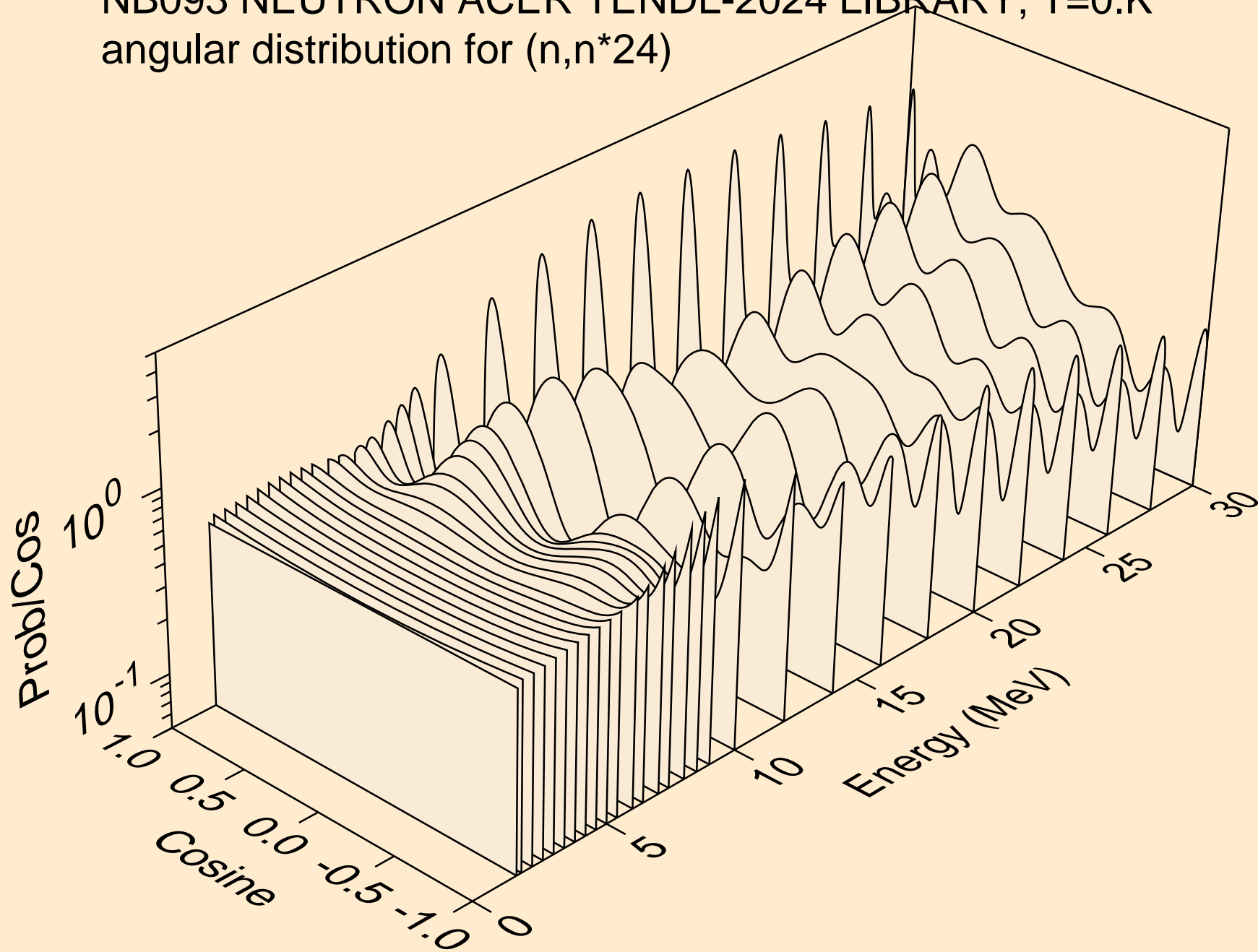
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angular distribution for (n,n\*22)



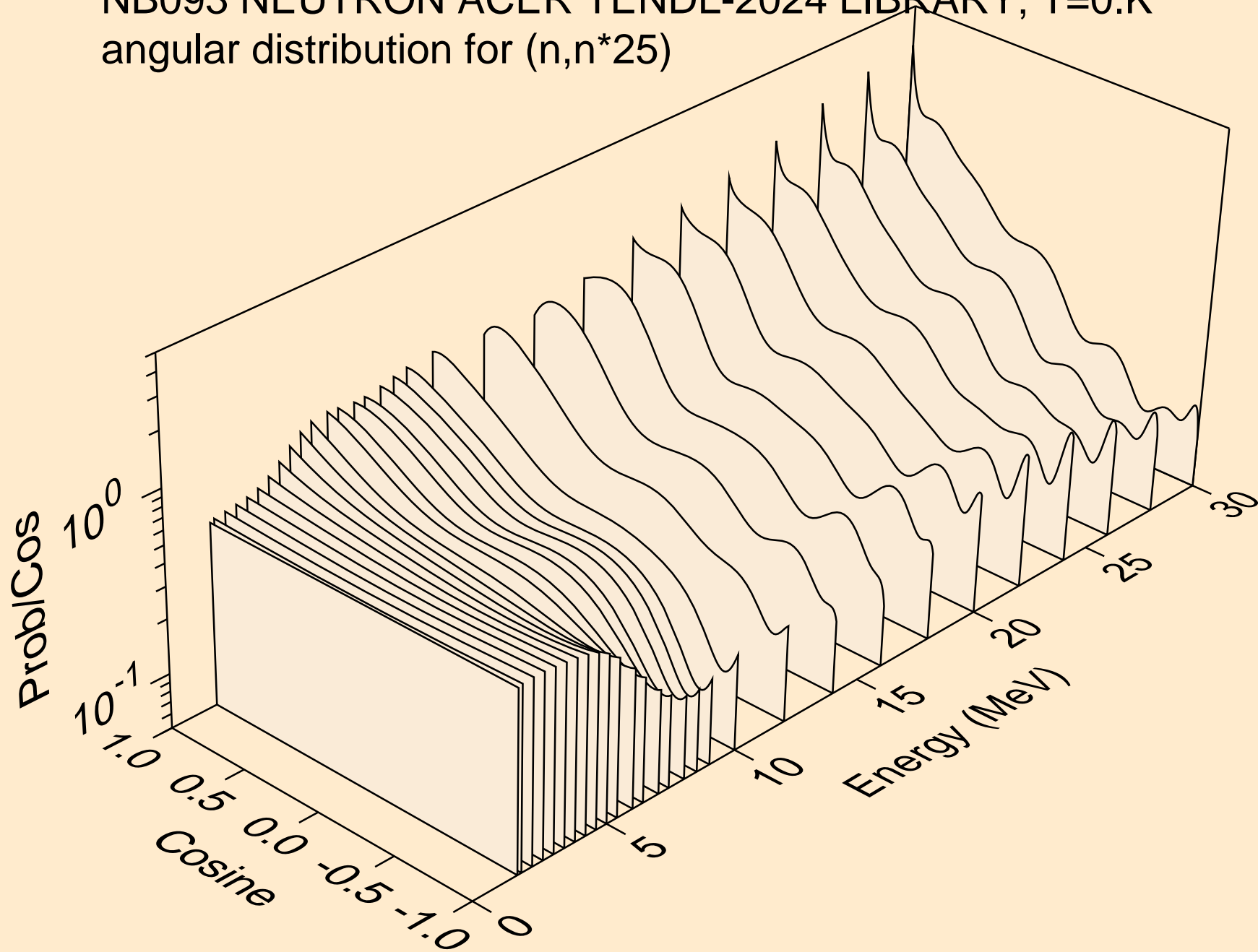
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



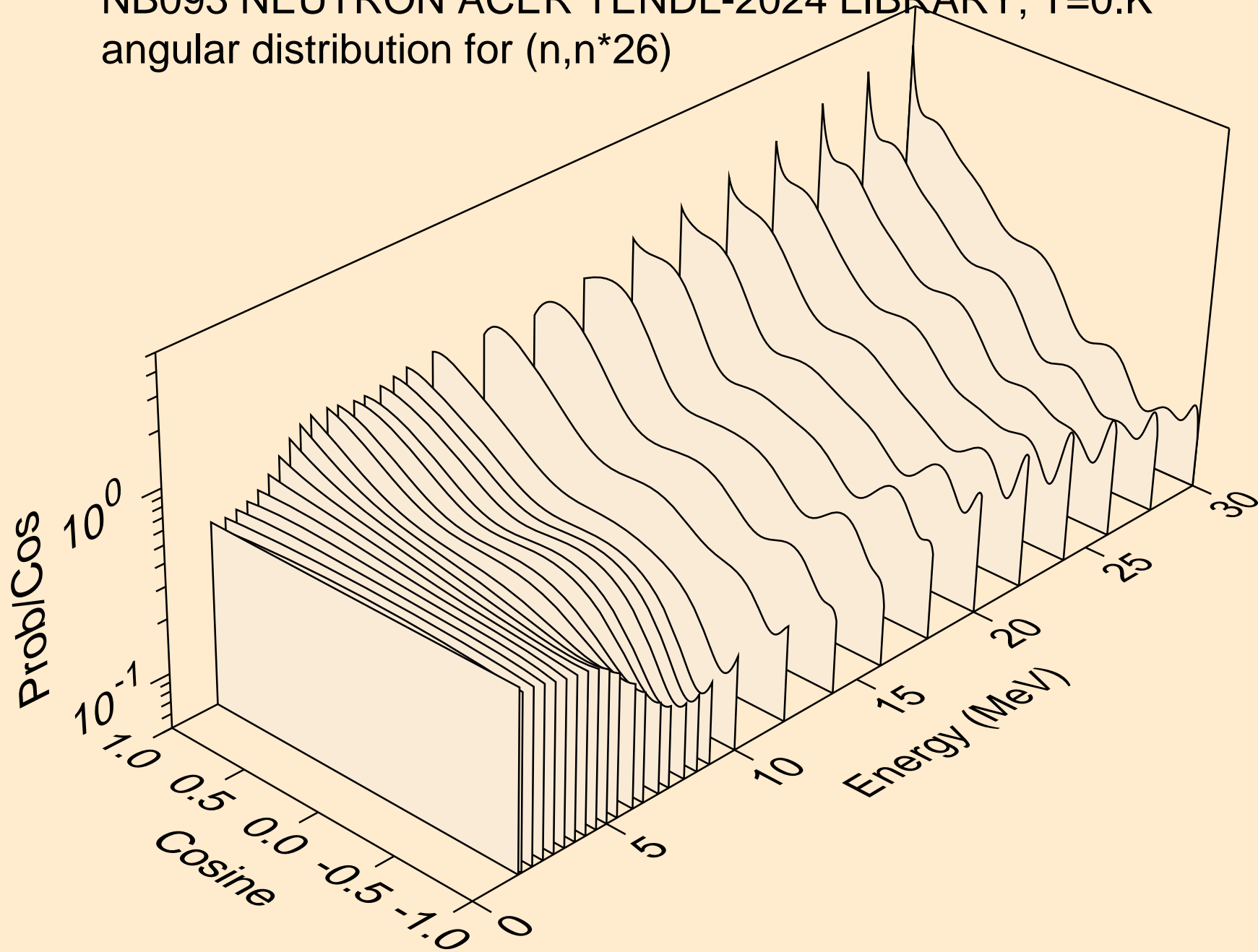
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

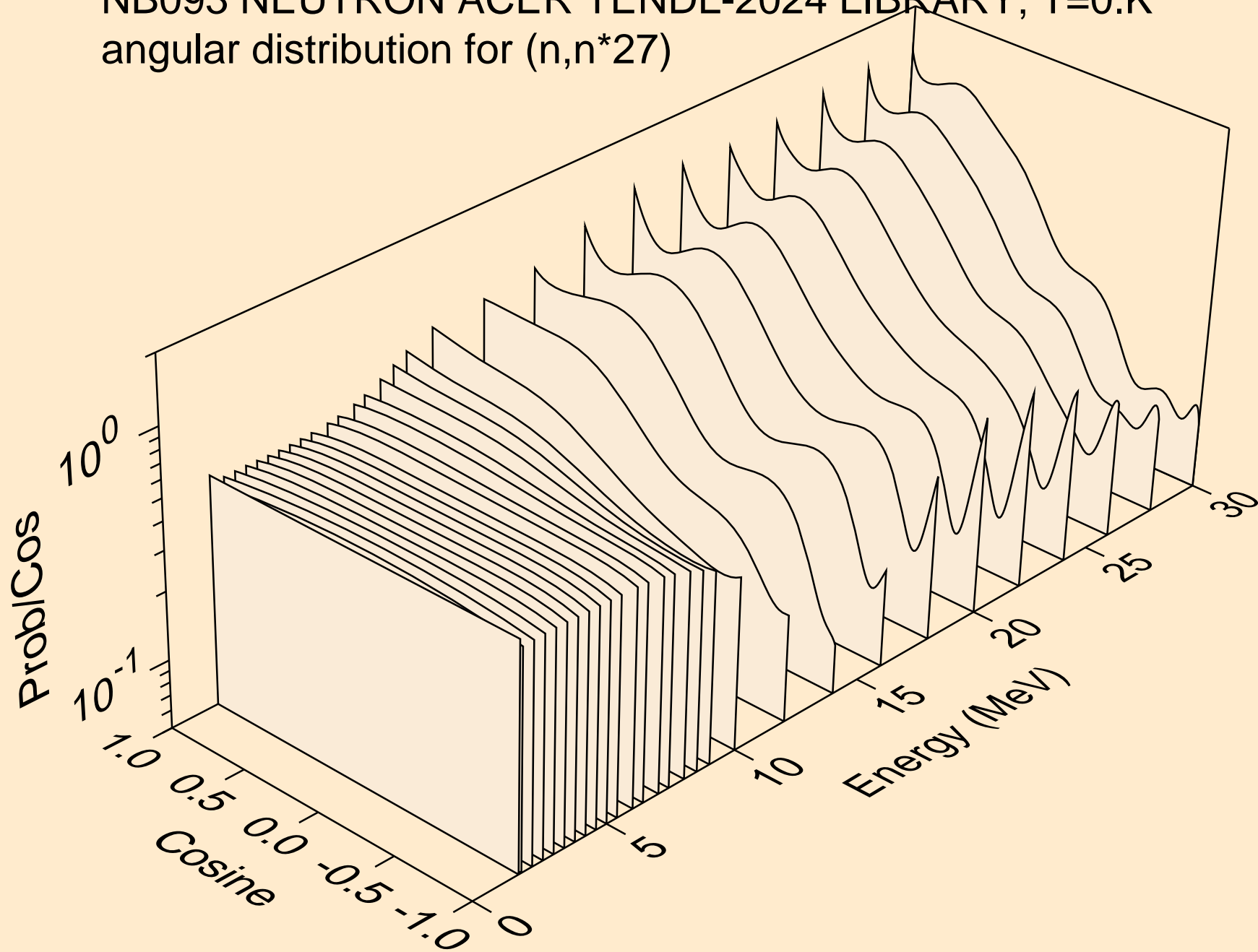


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

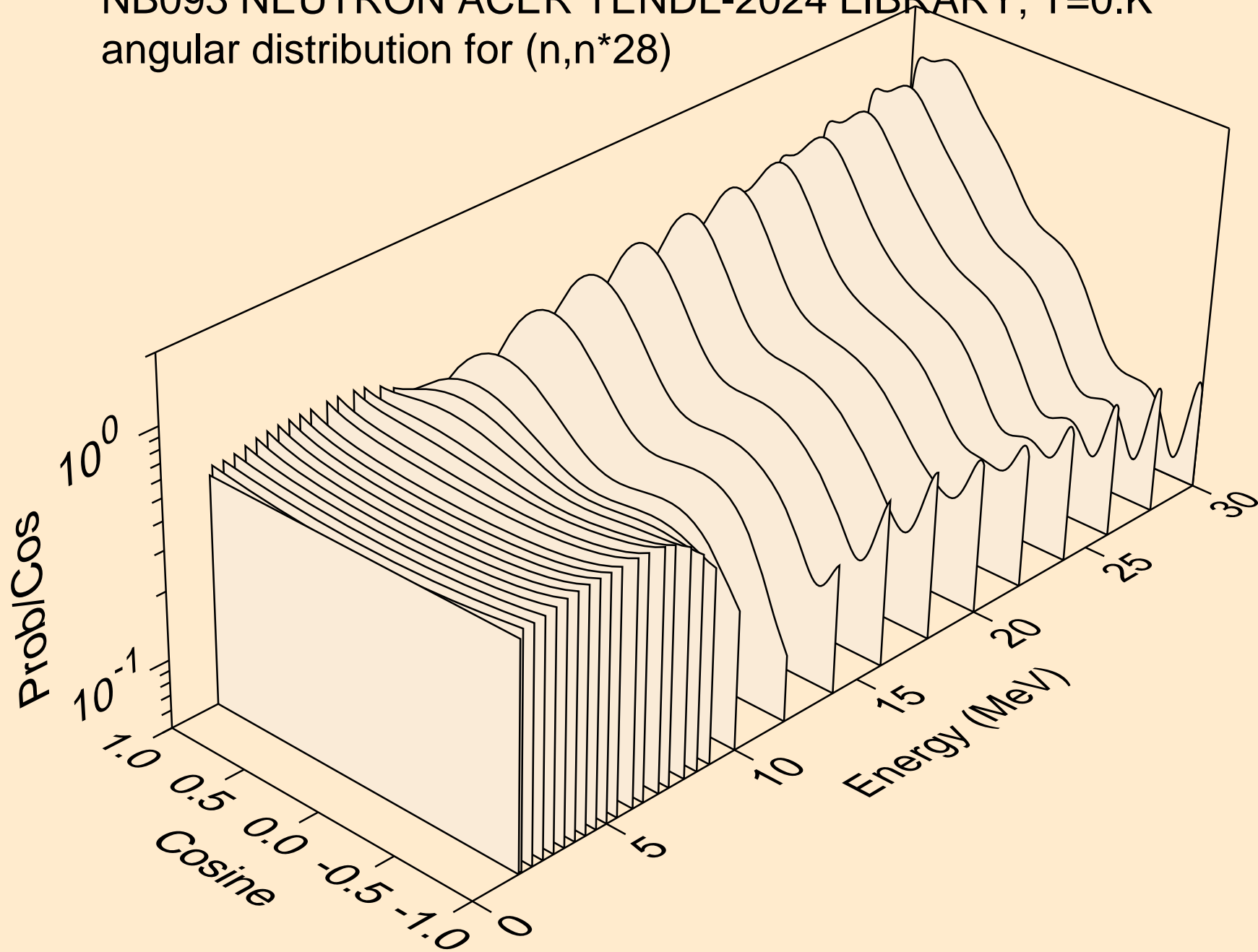




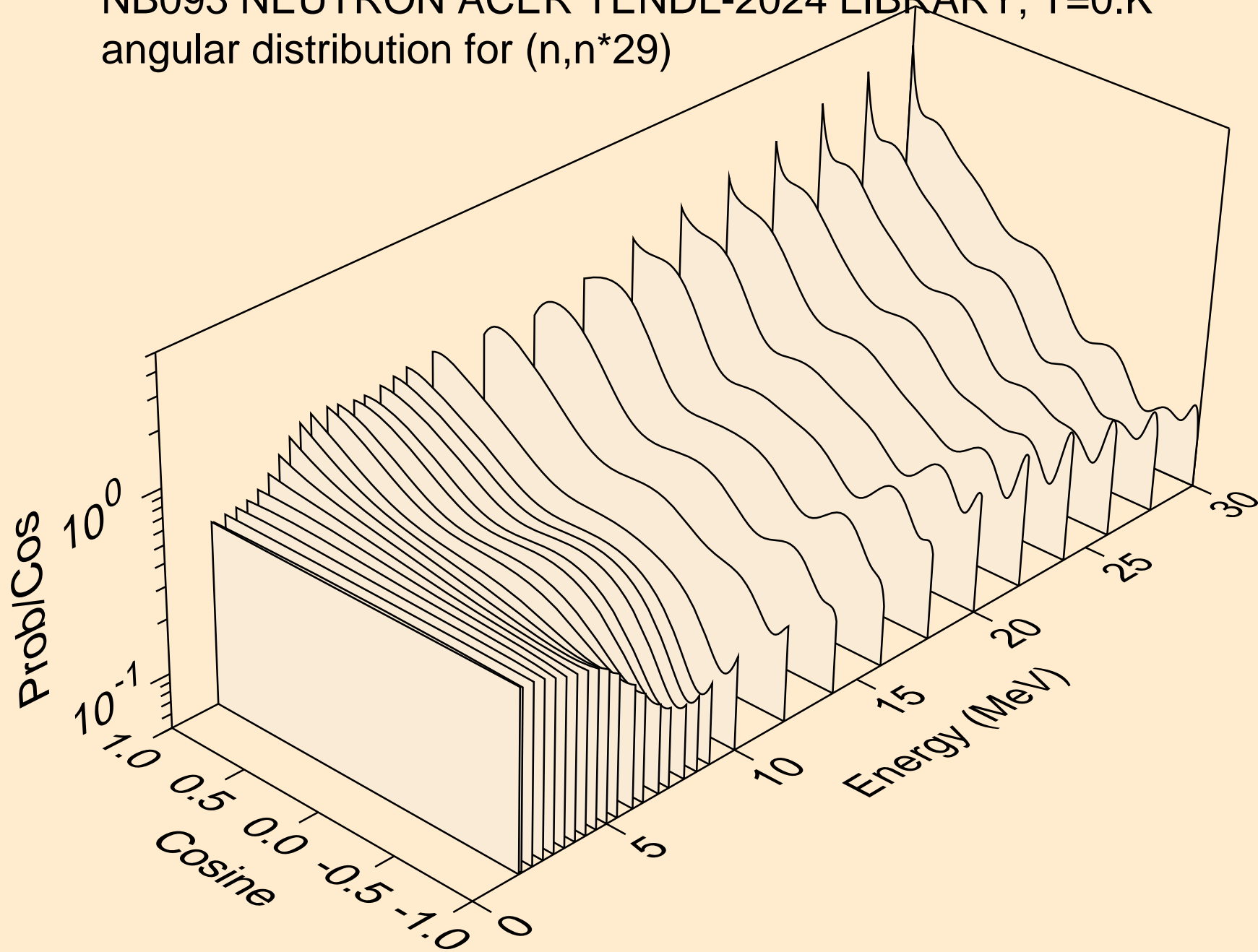
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



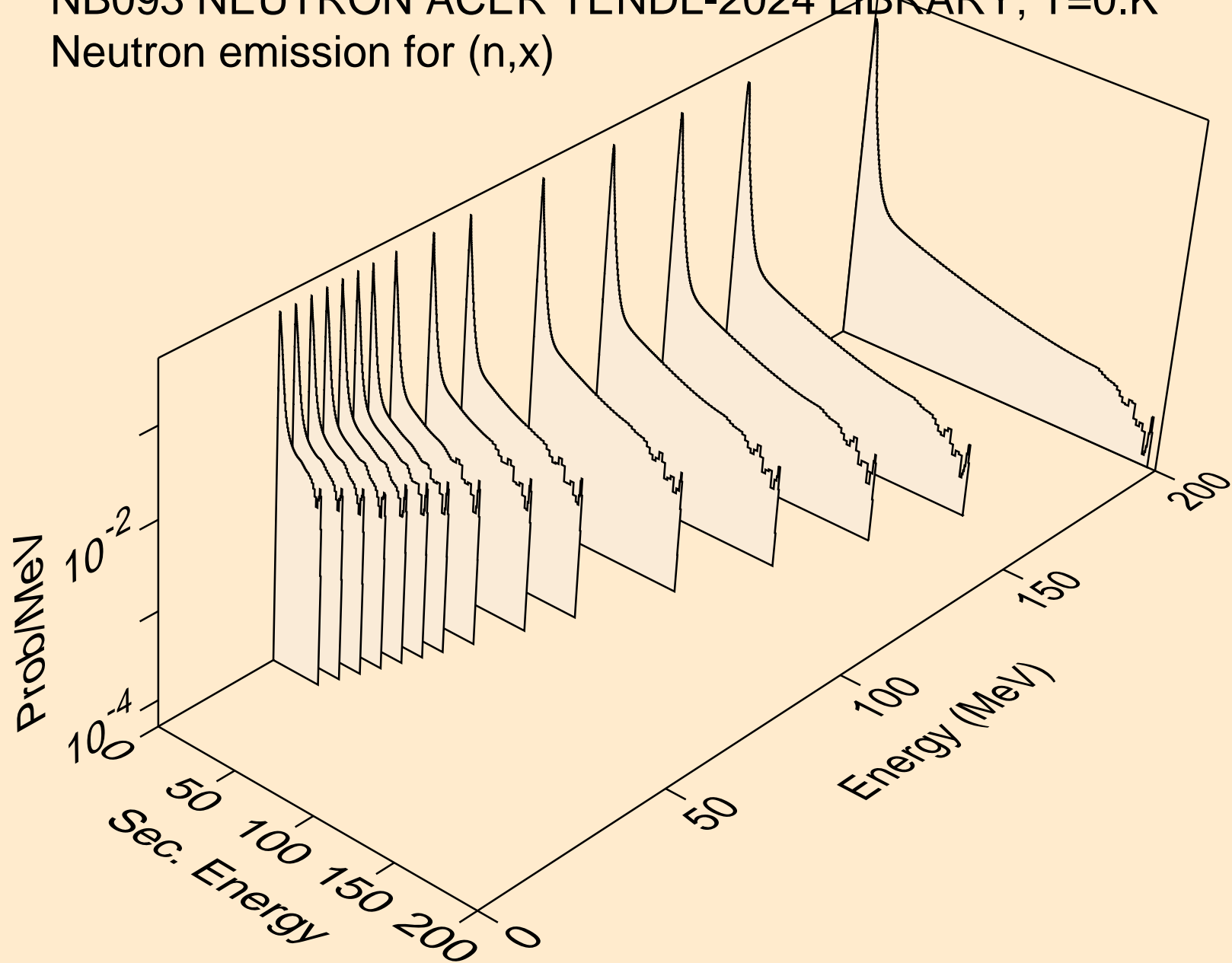
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



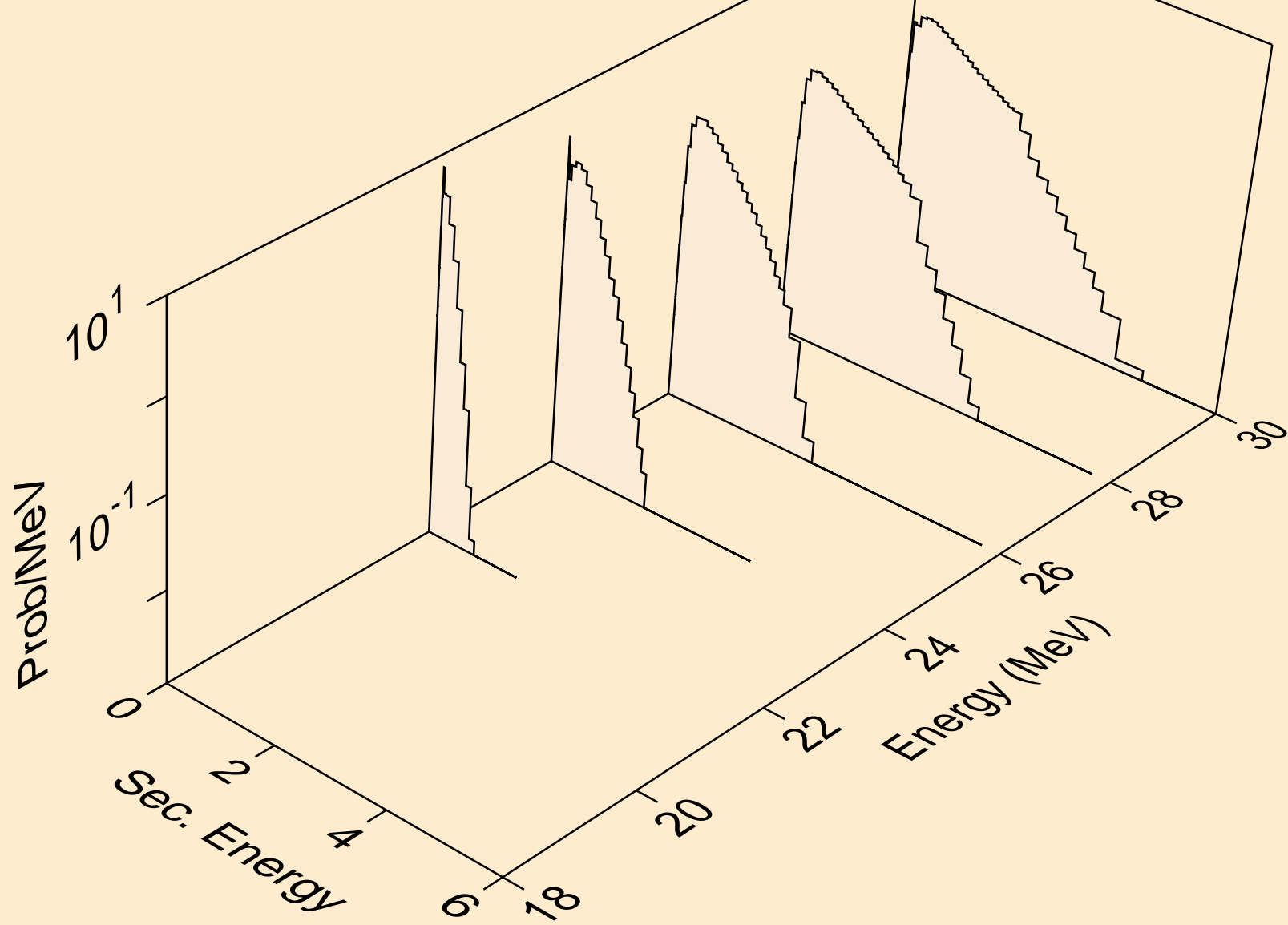
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



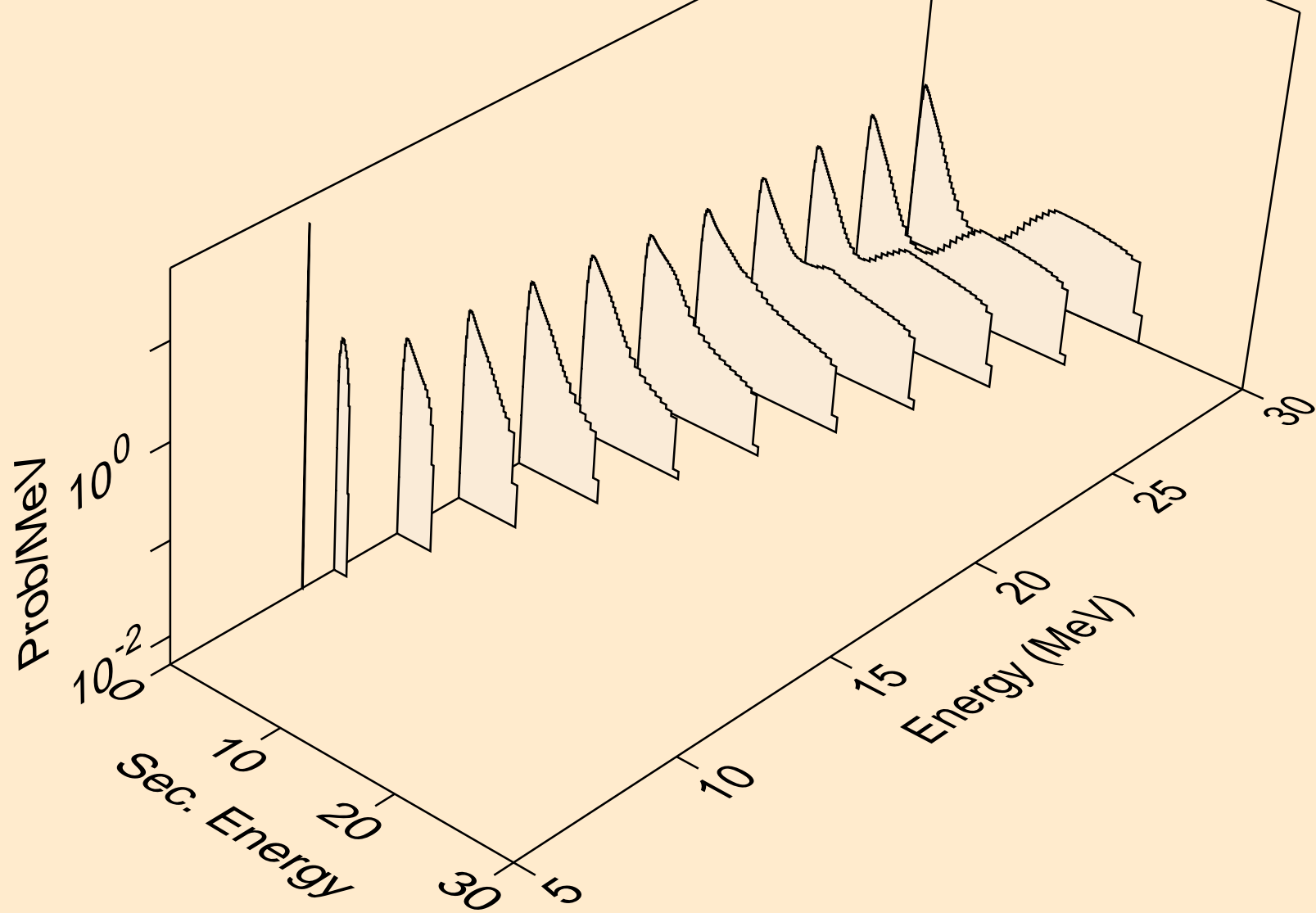
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



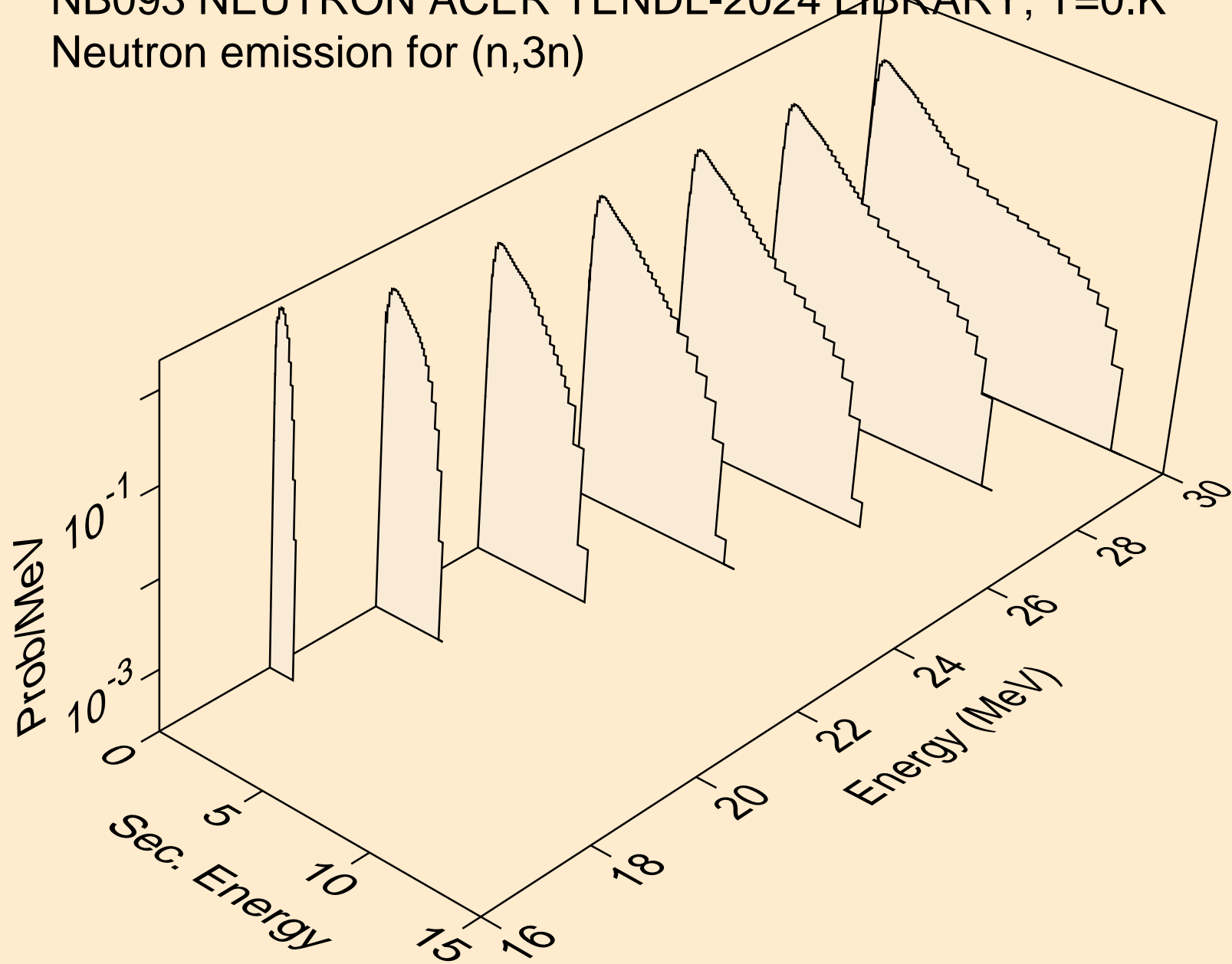
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



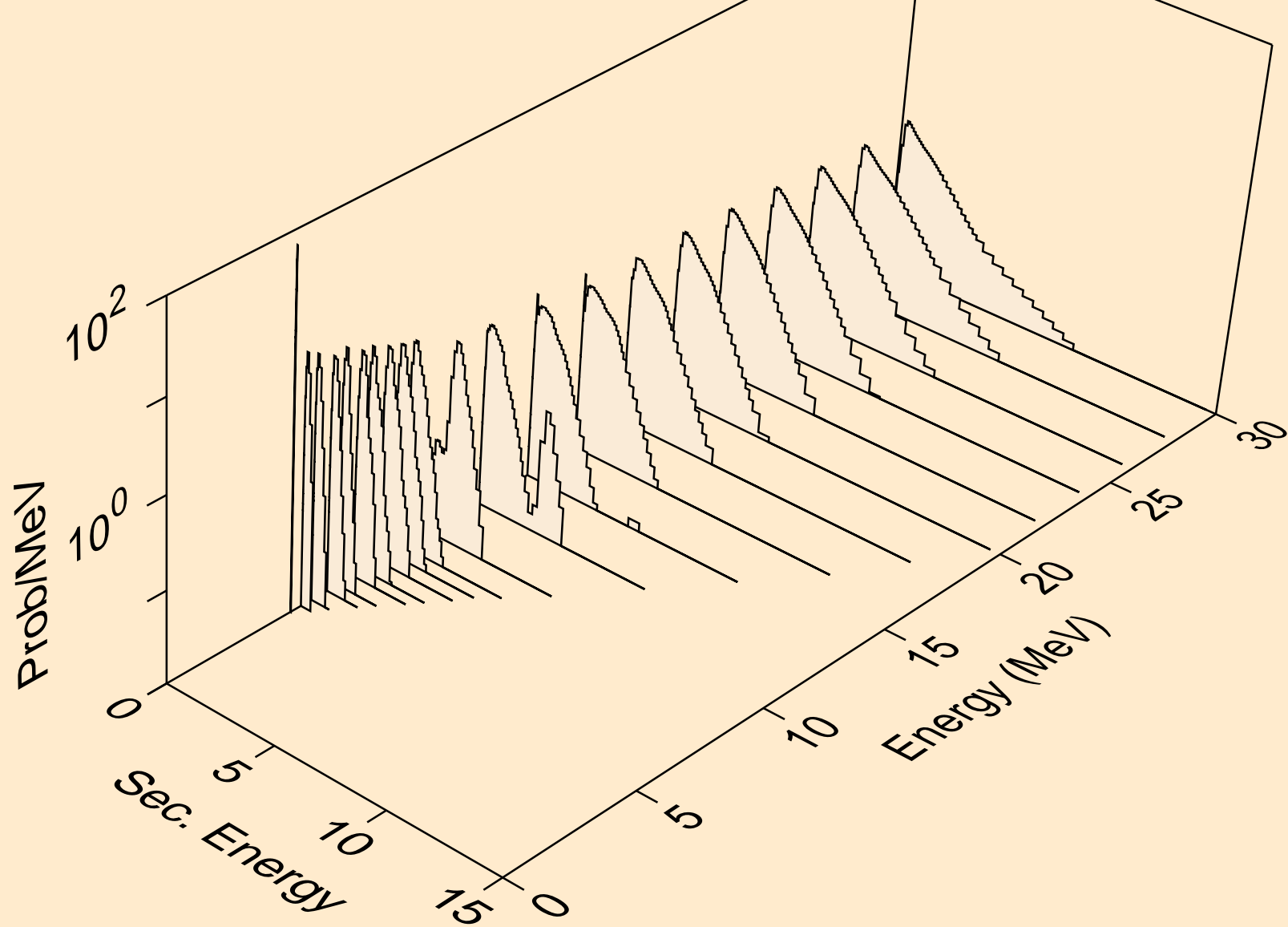
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

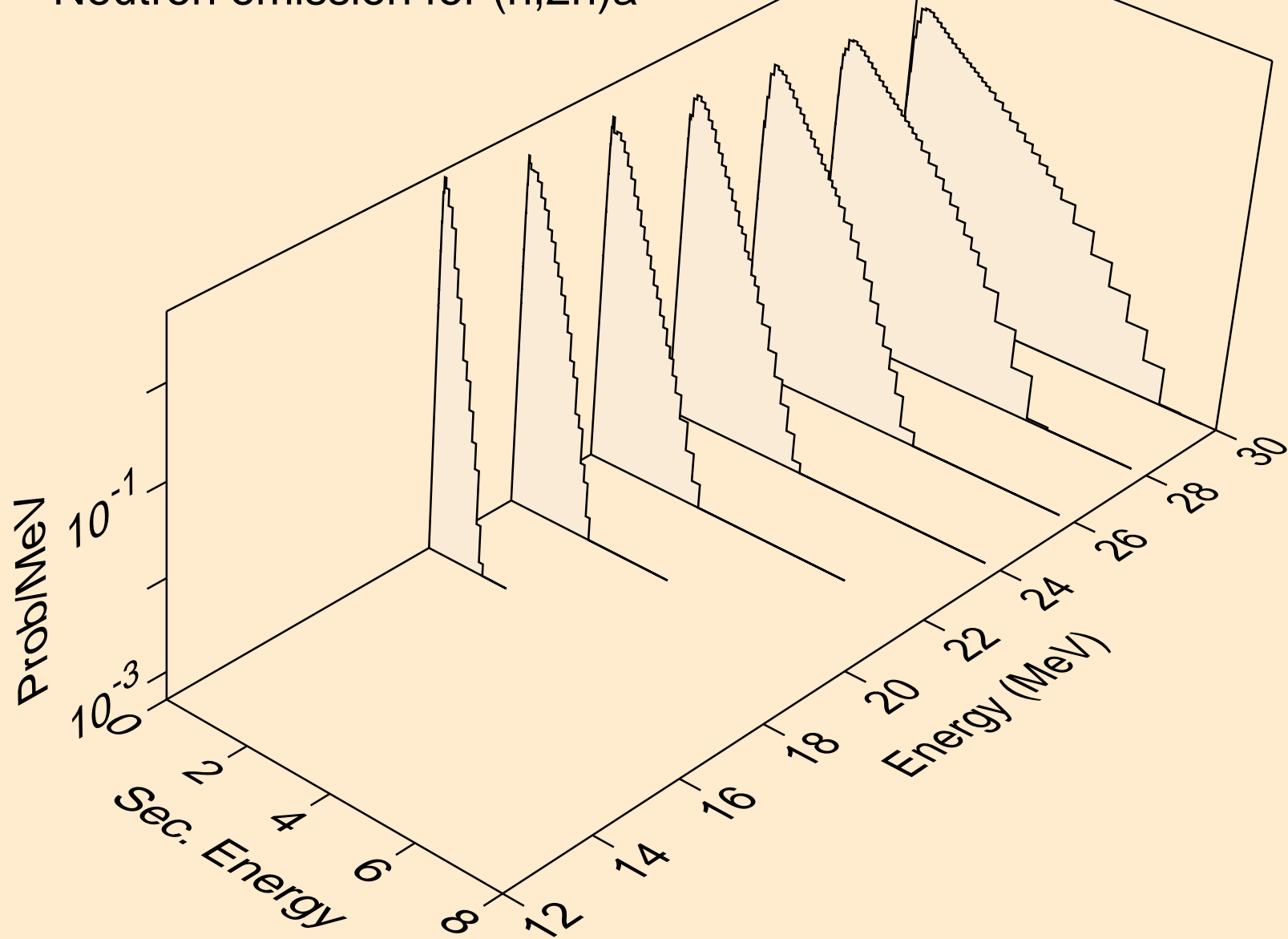


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

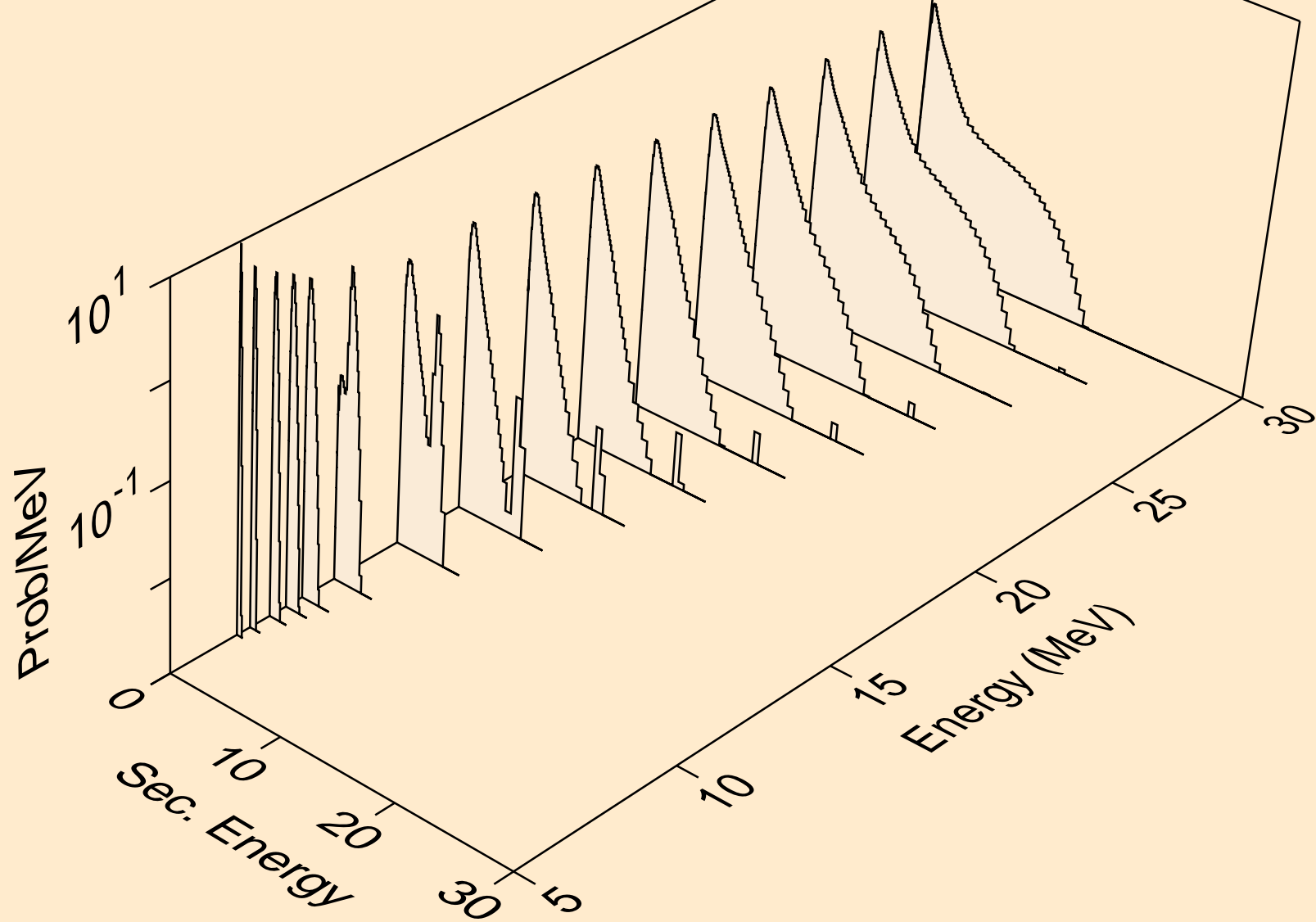




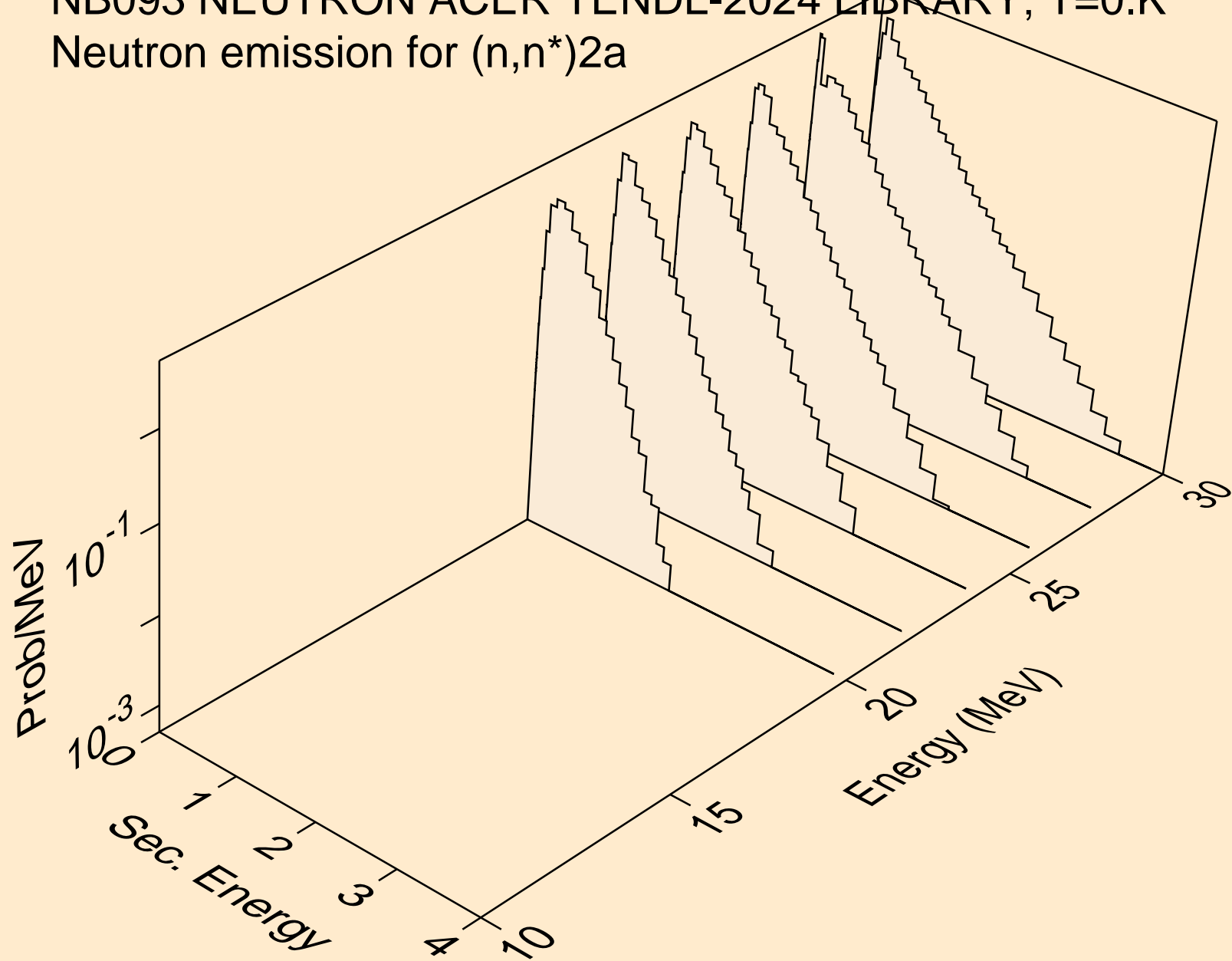
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



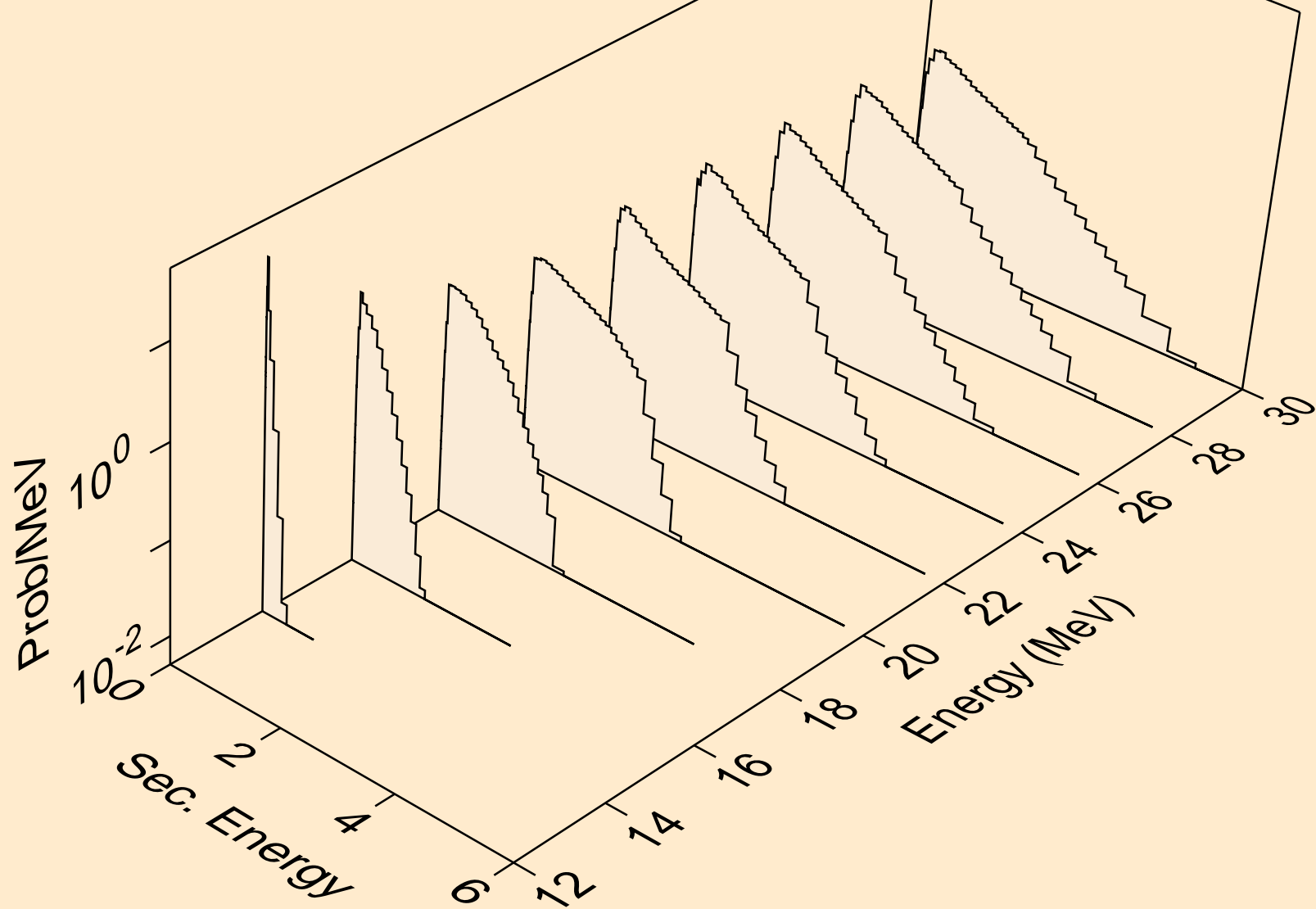
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



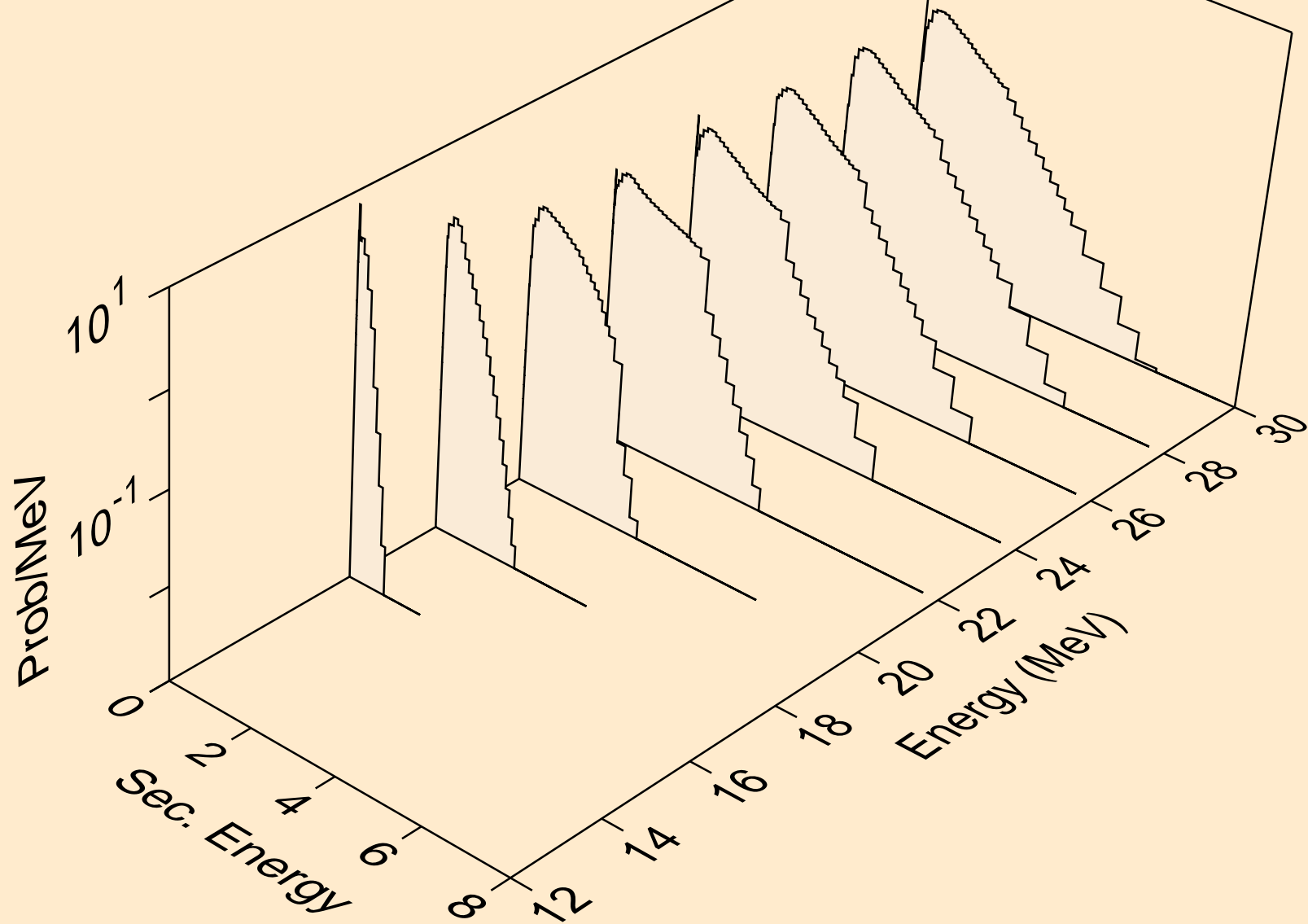
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



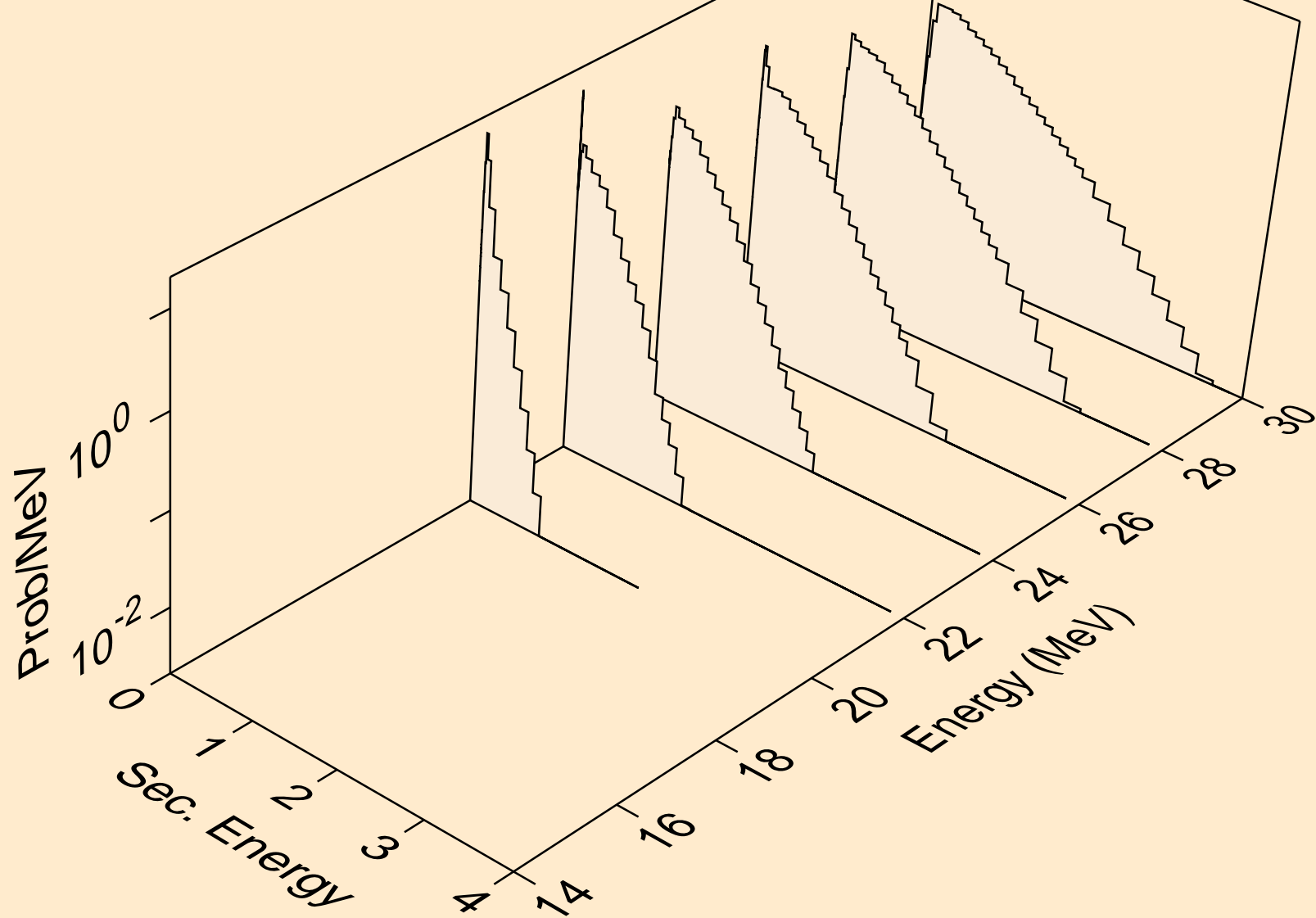
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



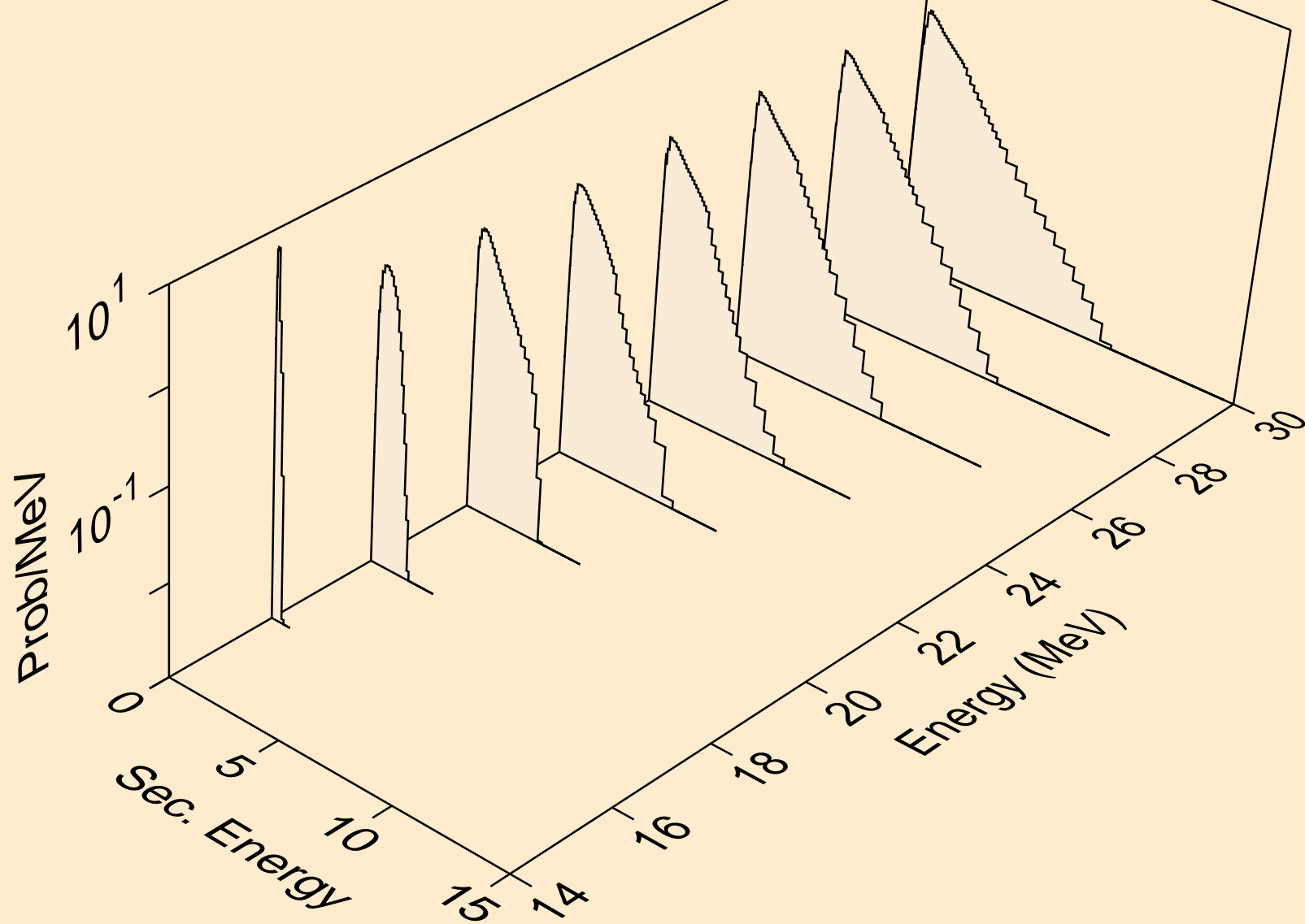
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



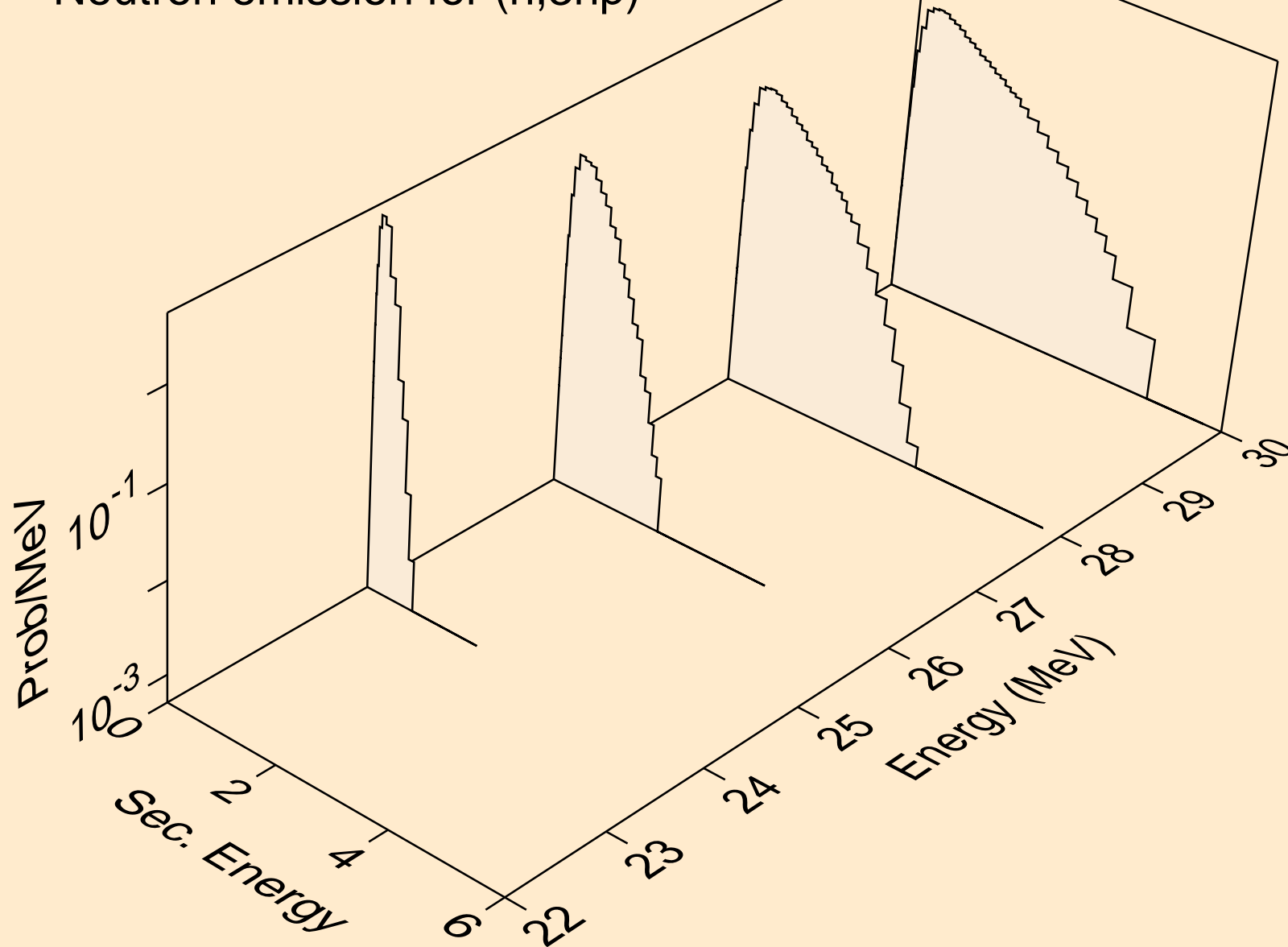
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

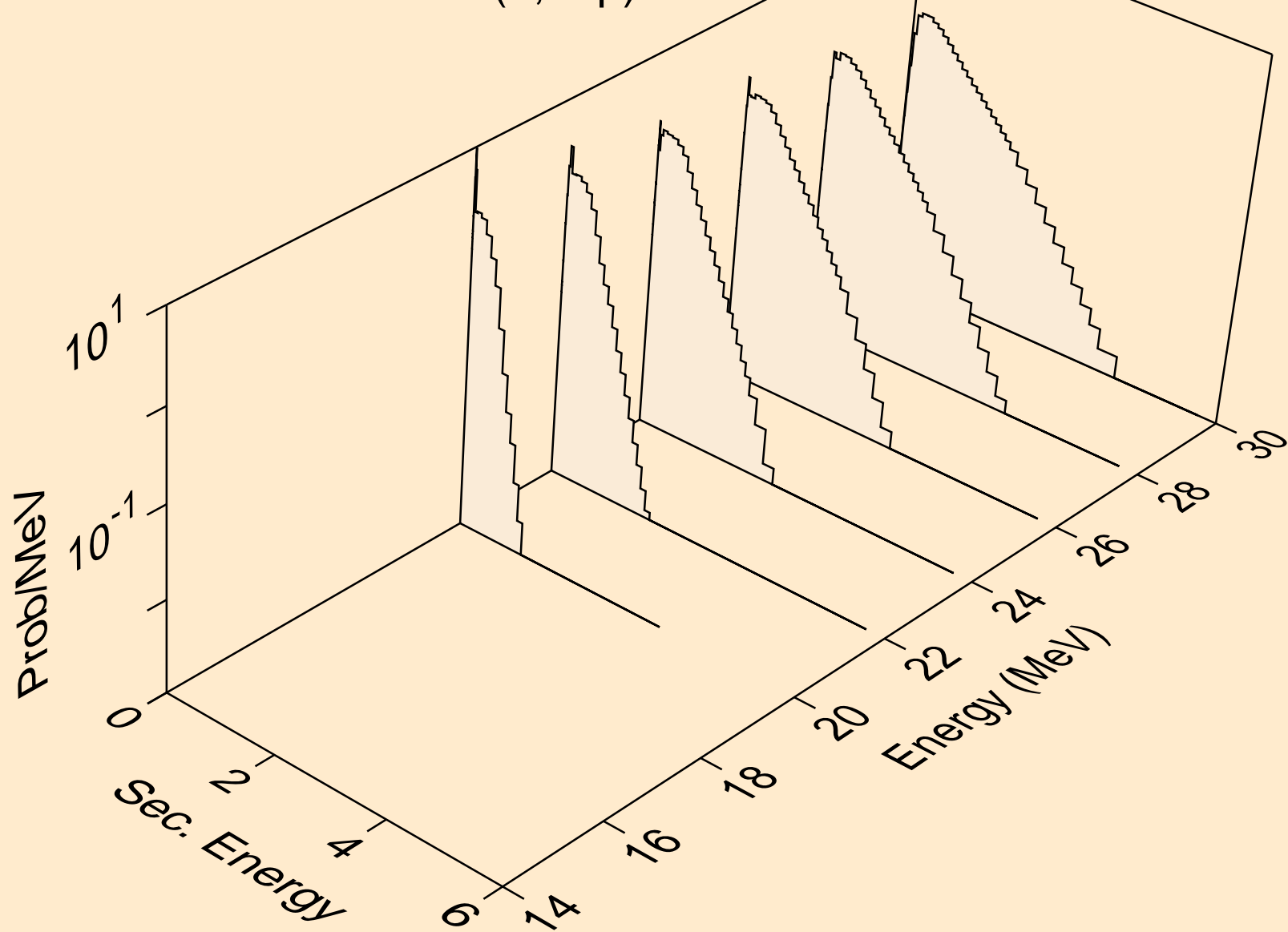


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

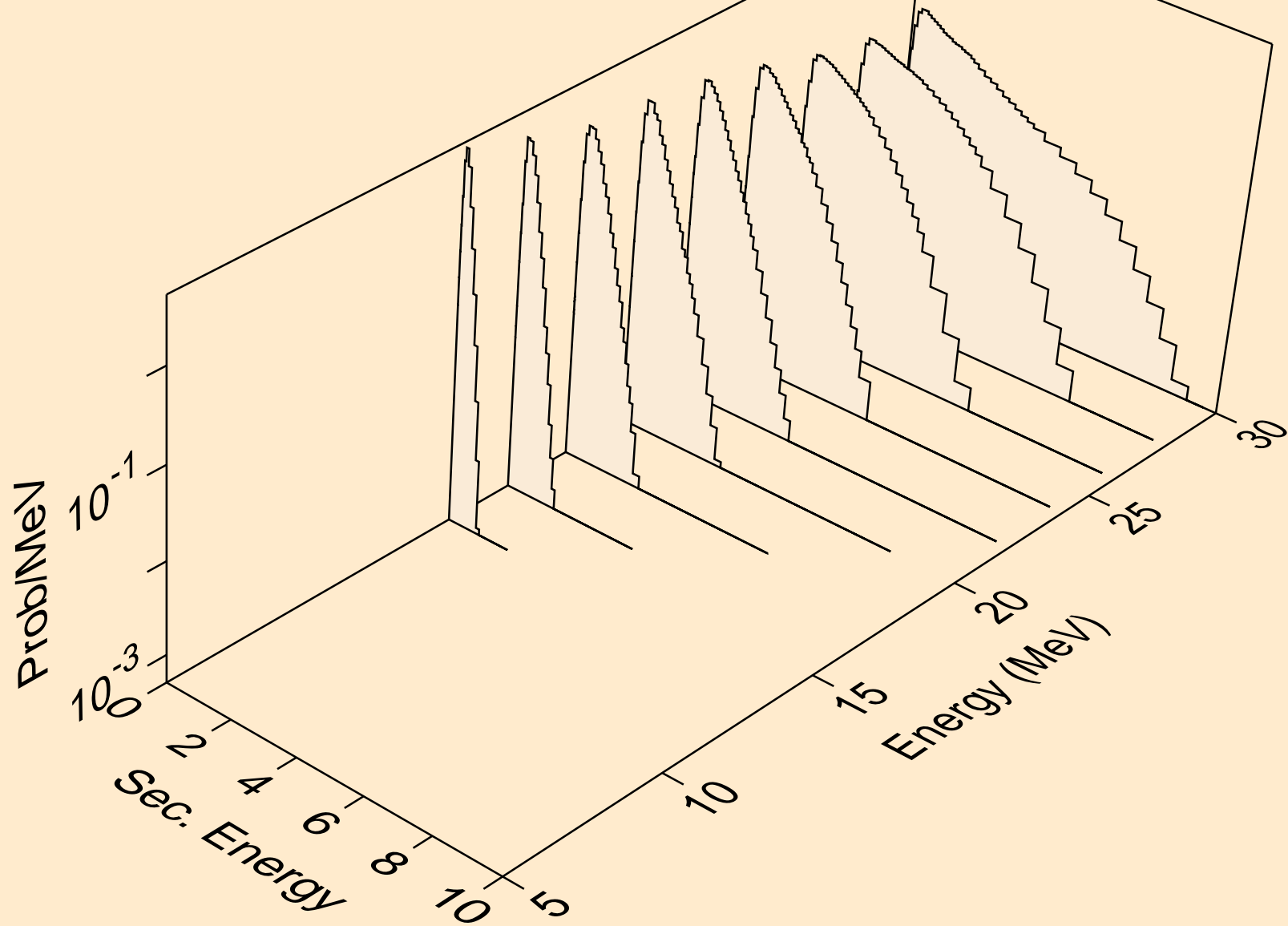




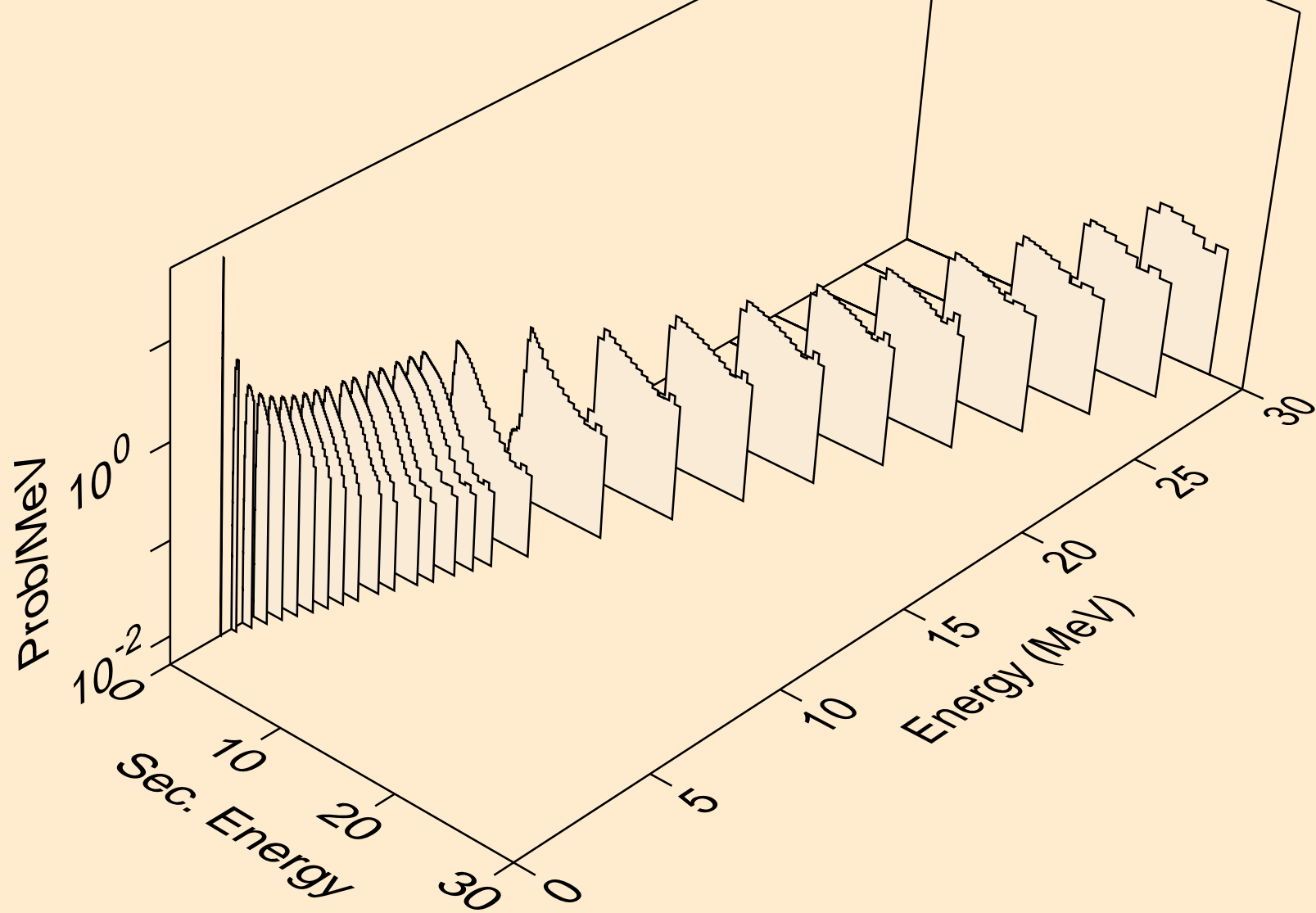
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



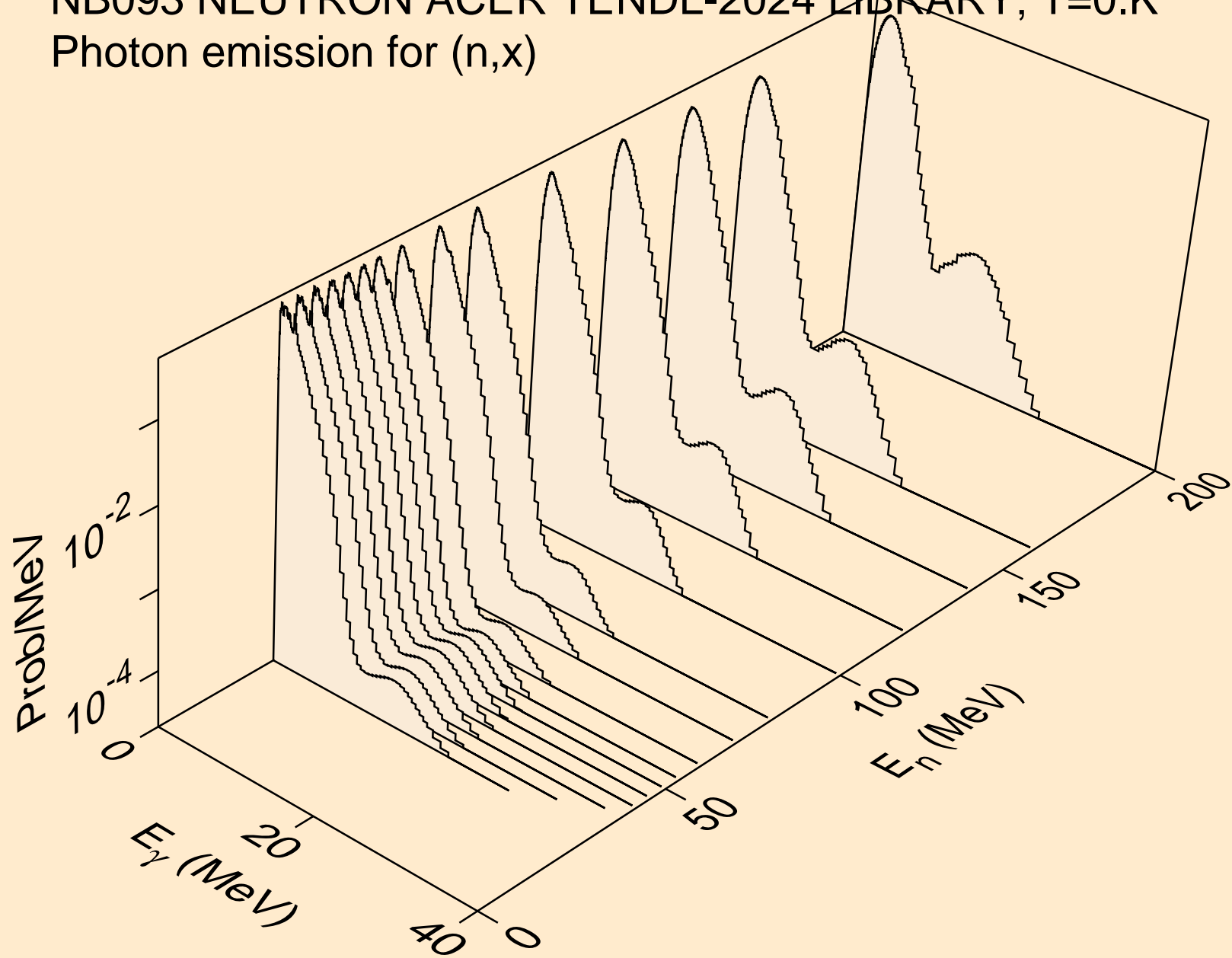
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



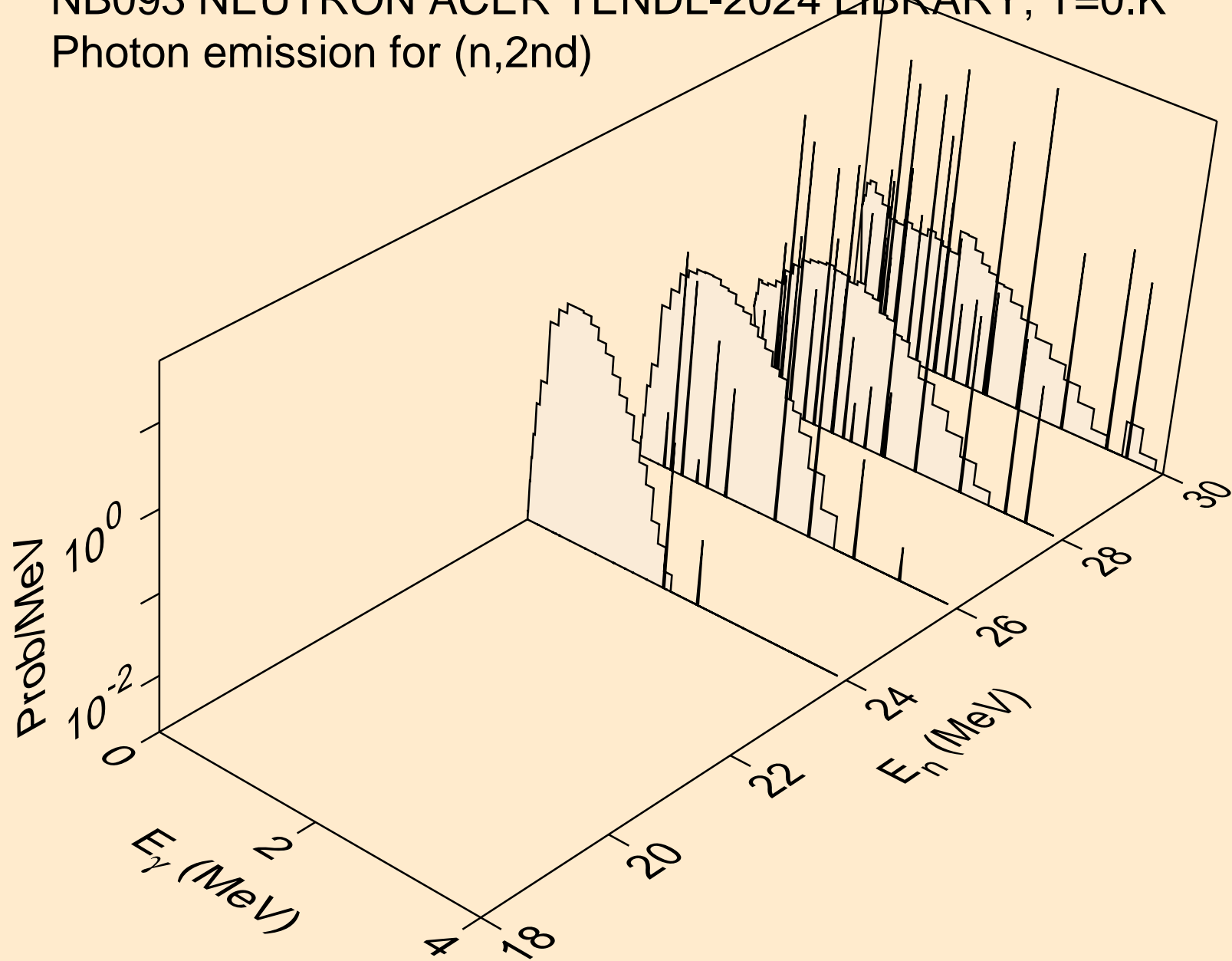
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



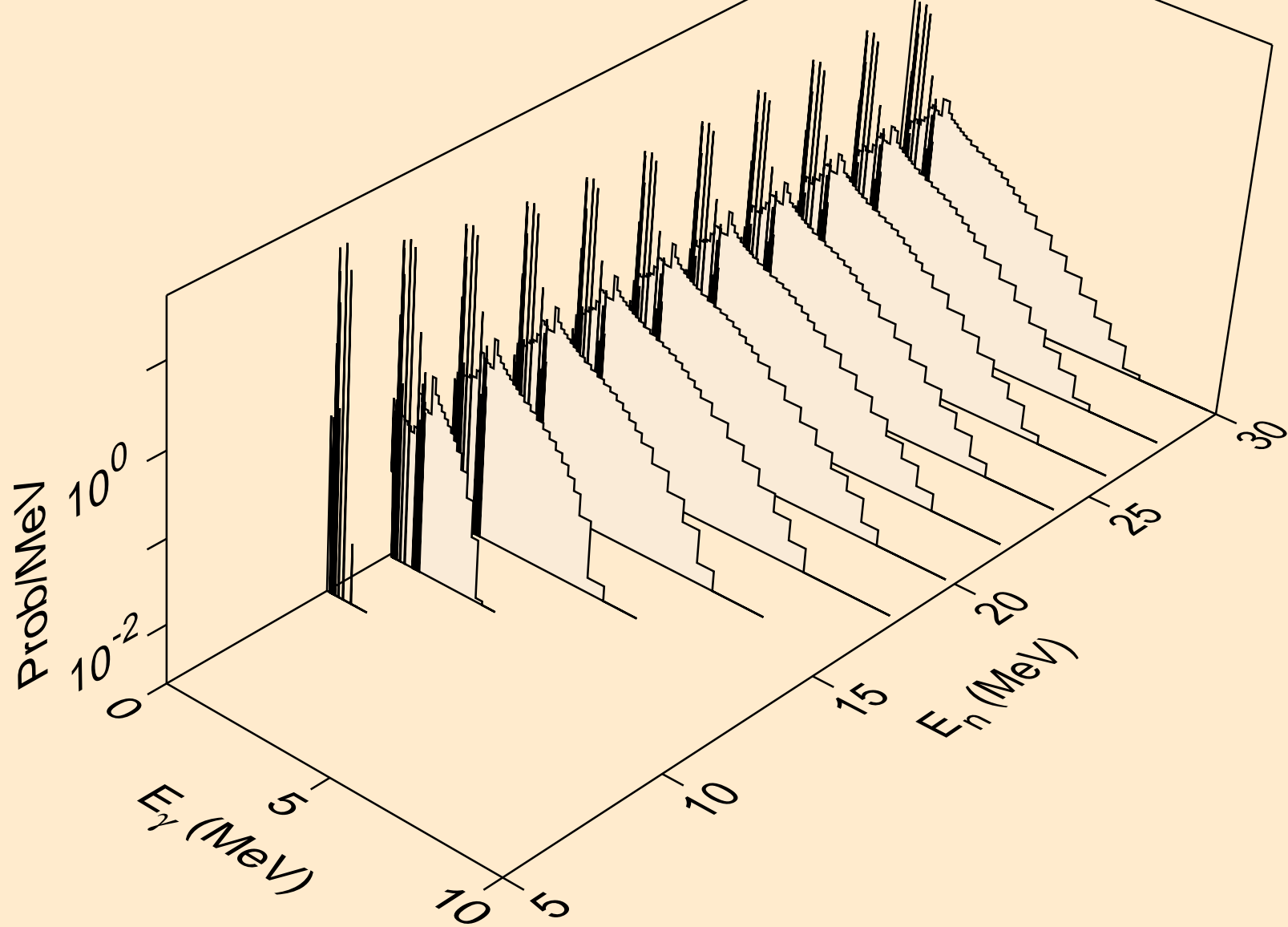
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



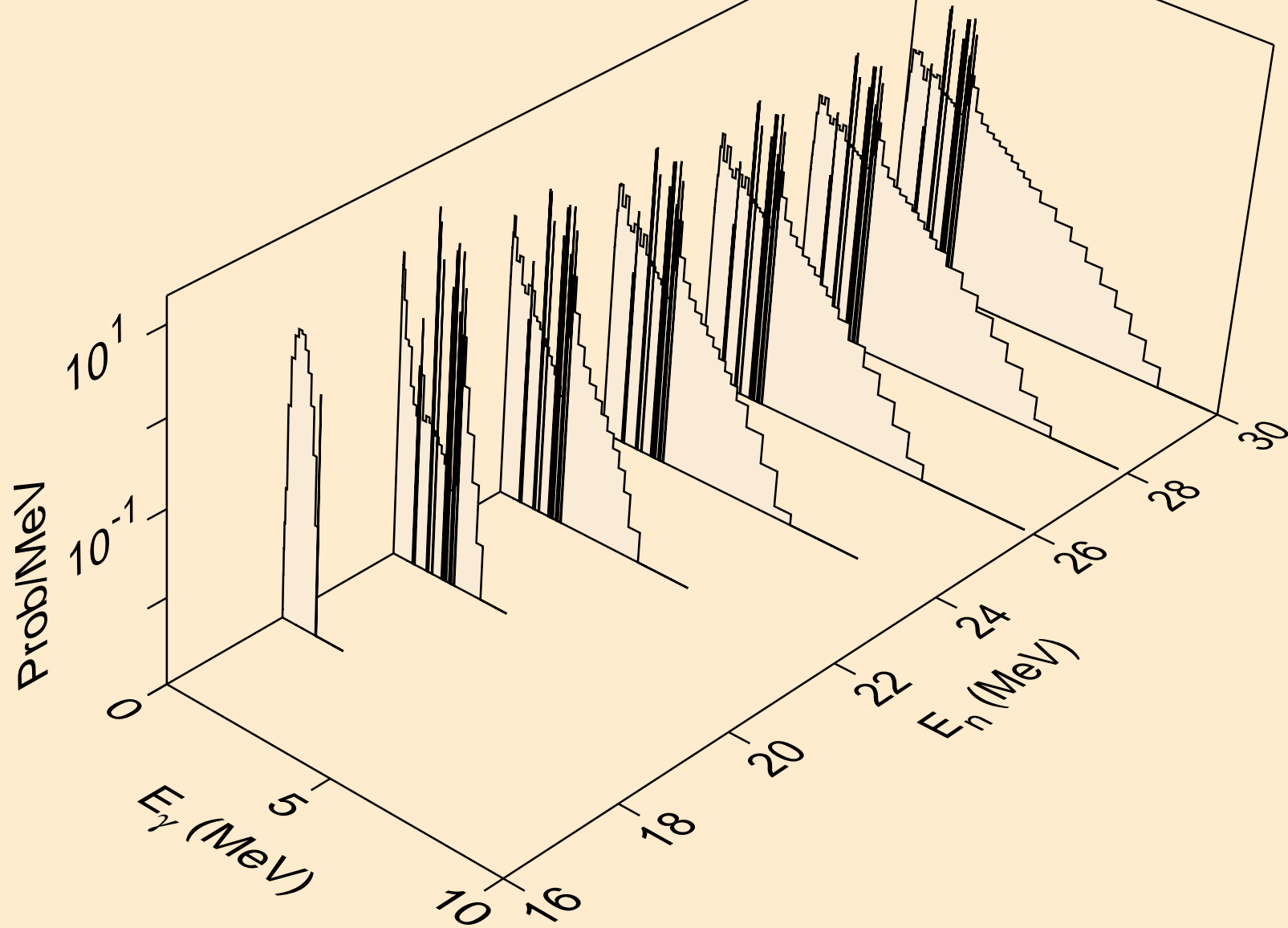
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Photon emission for (n,2nd)



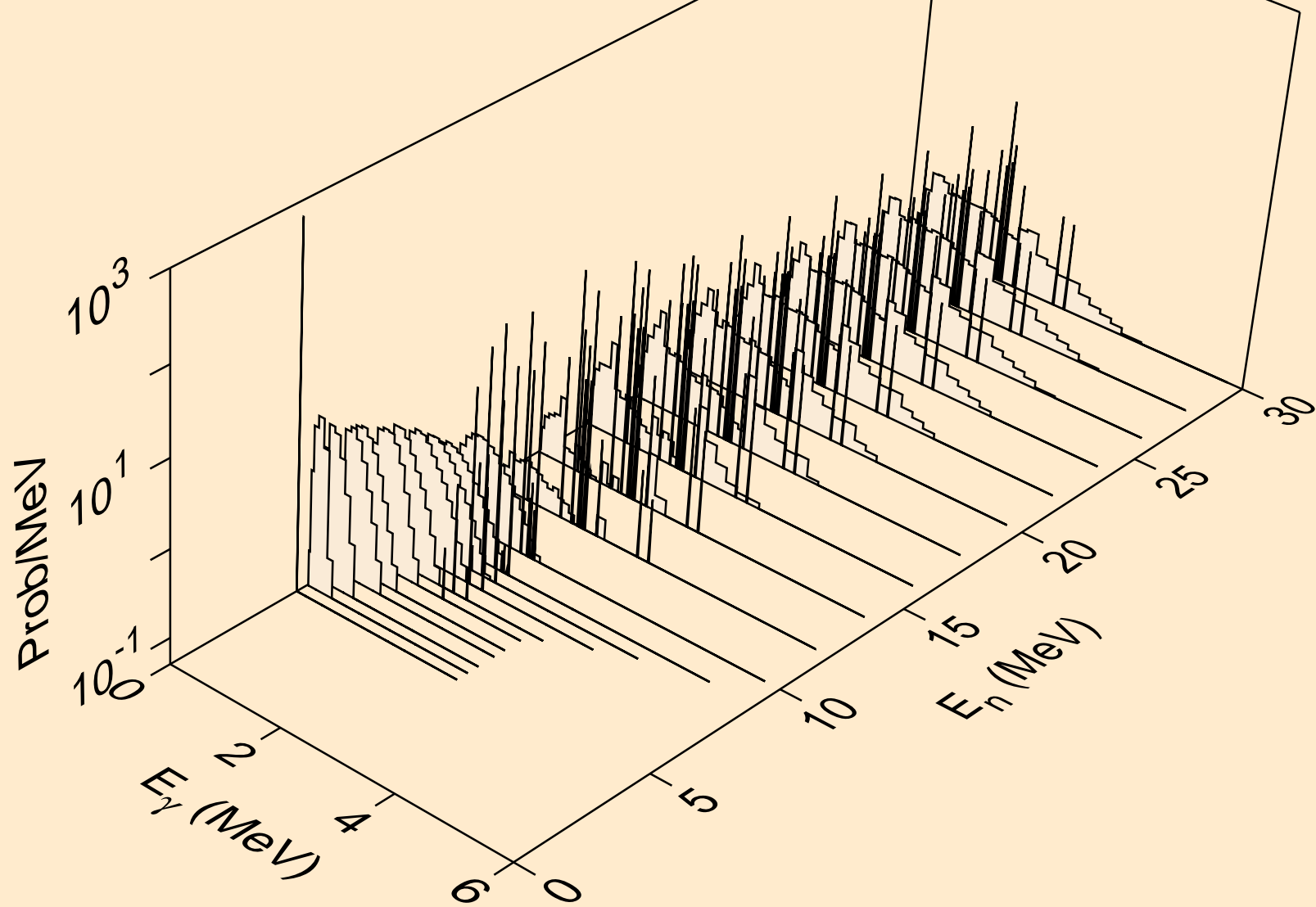
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

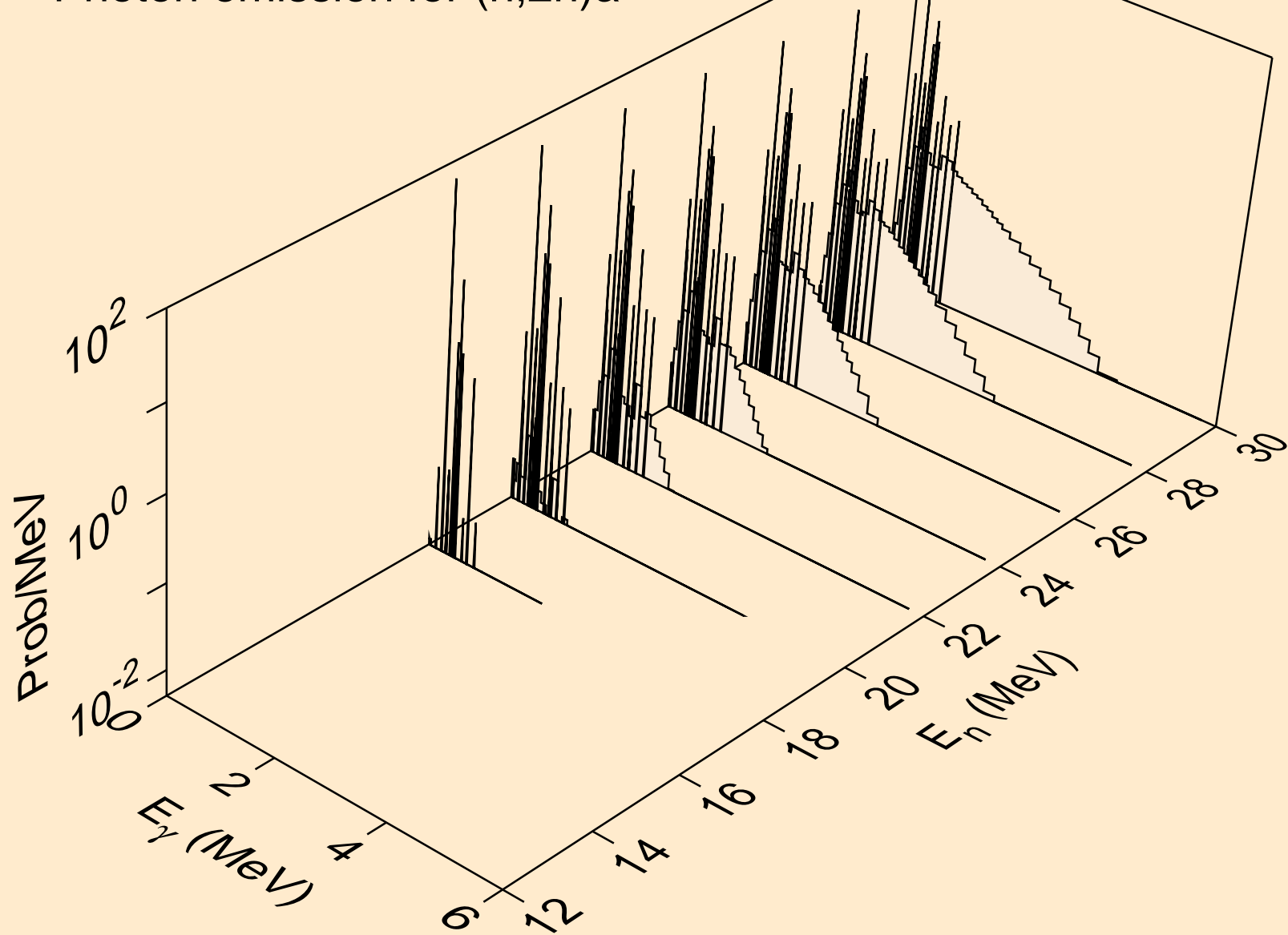


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

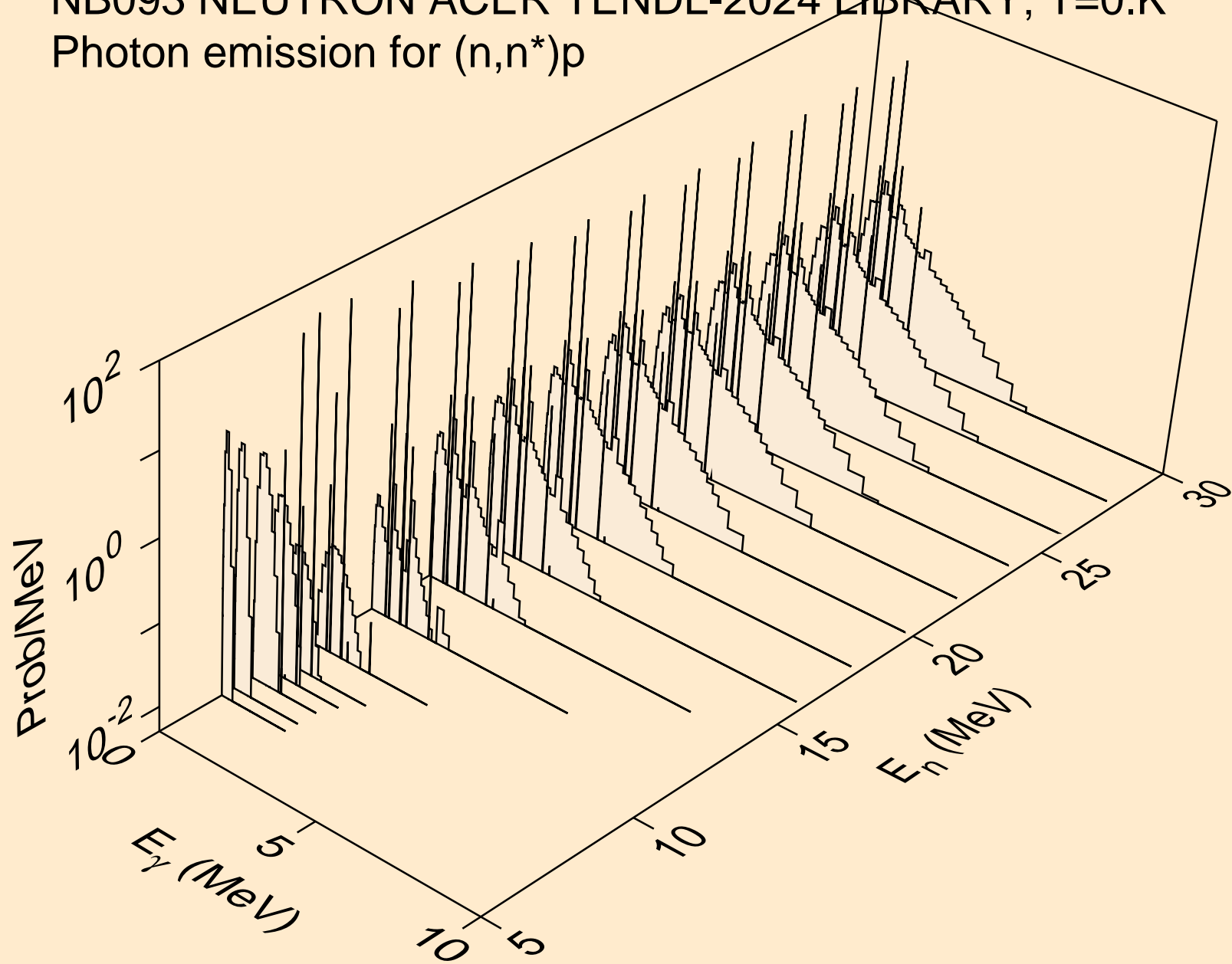




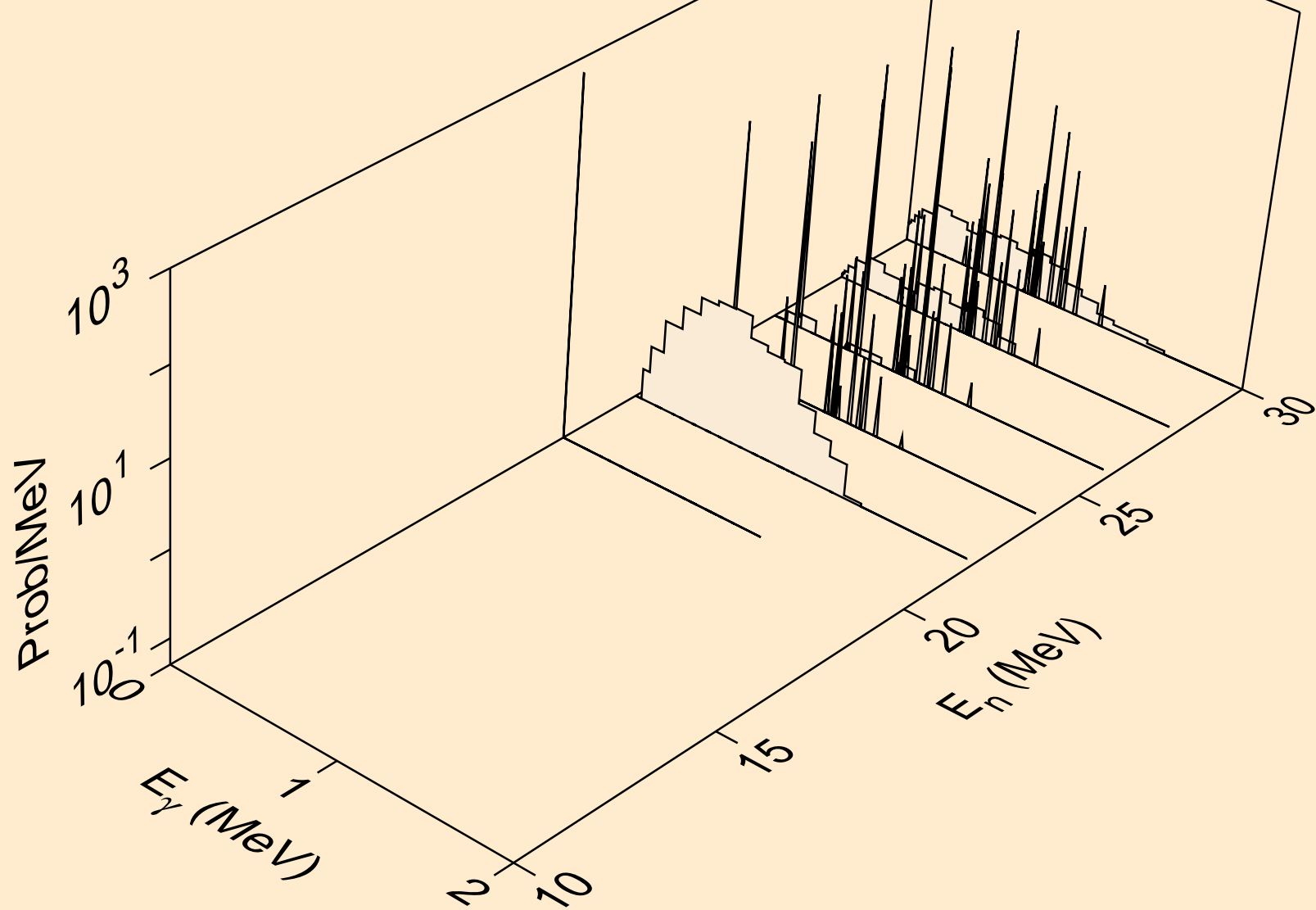
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Photon emission for (n,2n)a



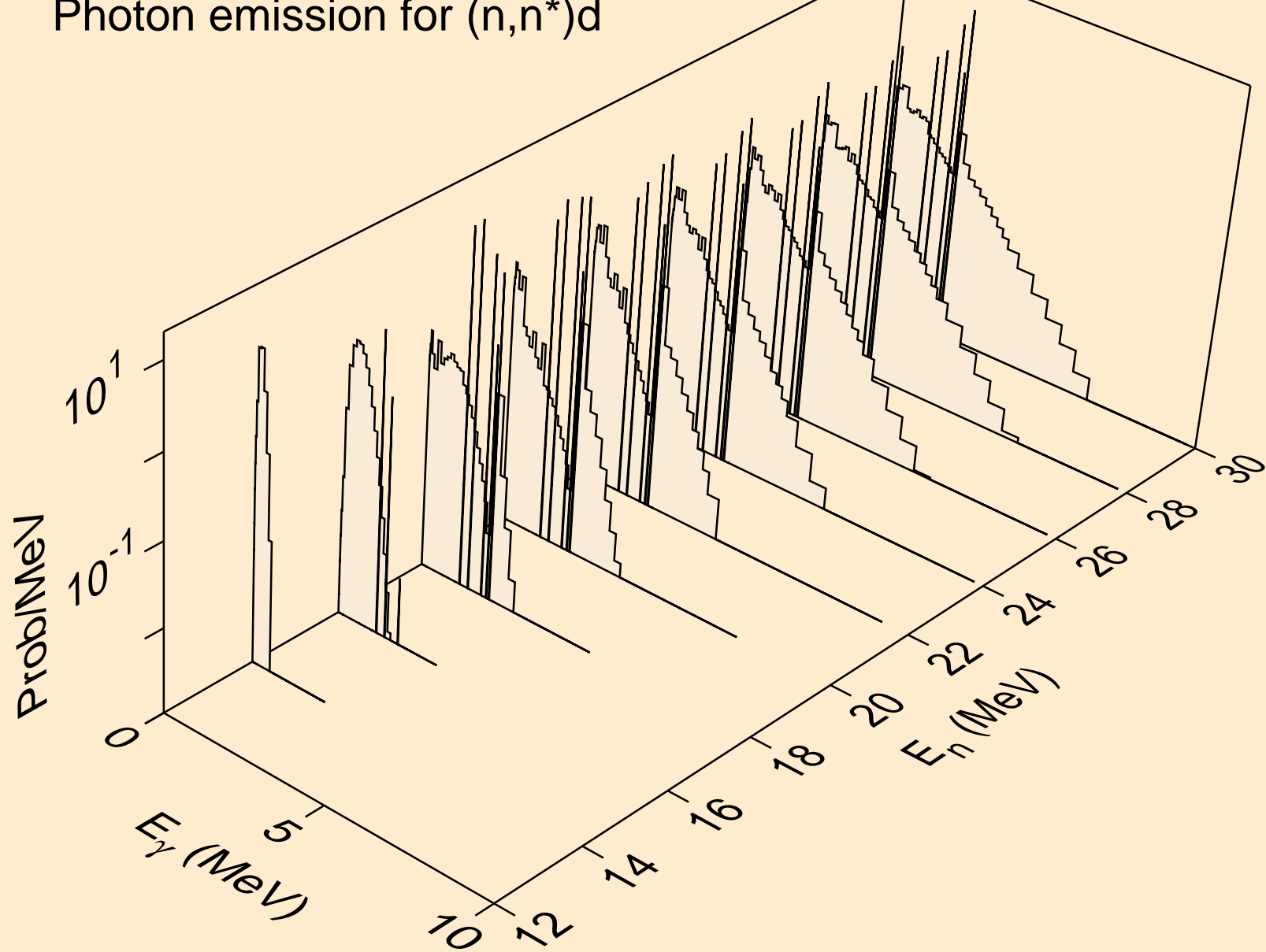
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Photon emission for (n,n\*)p



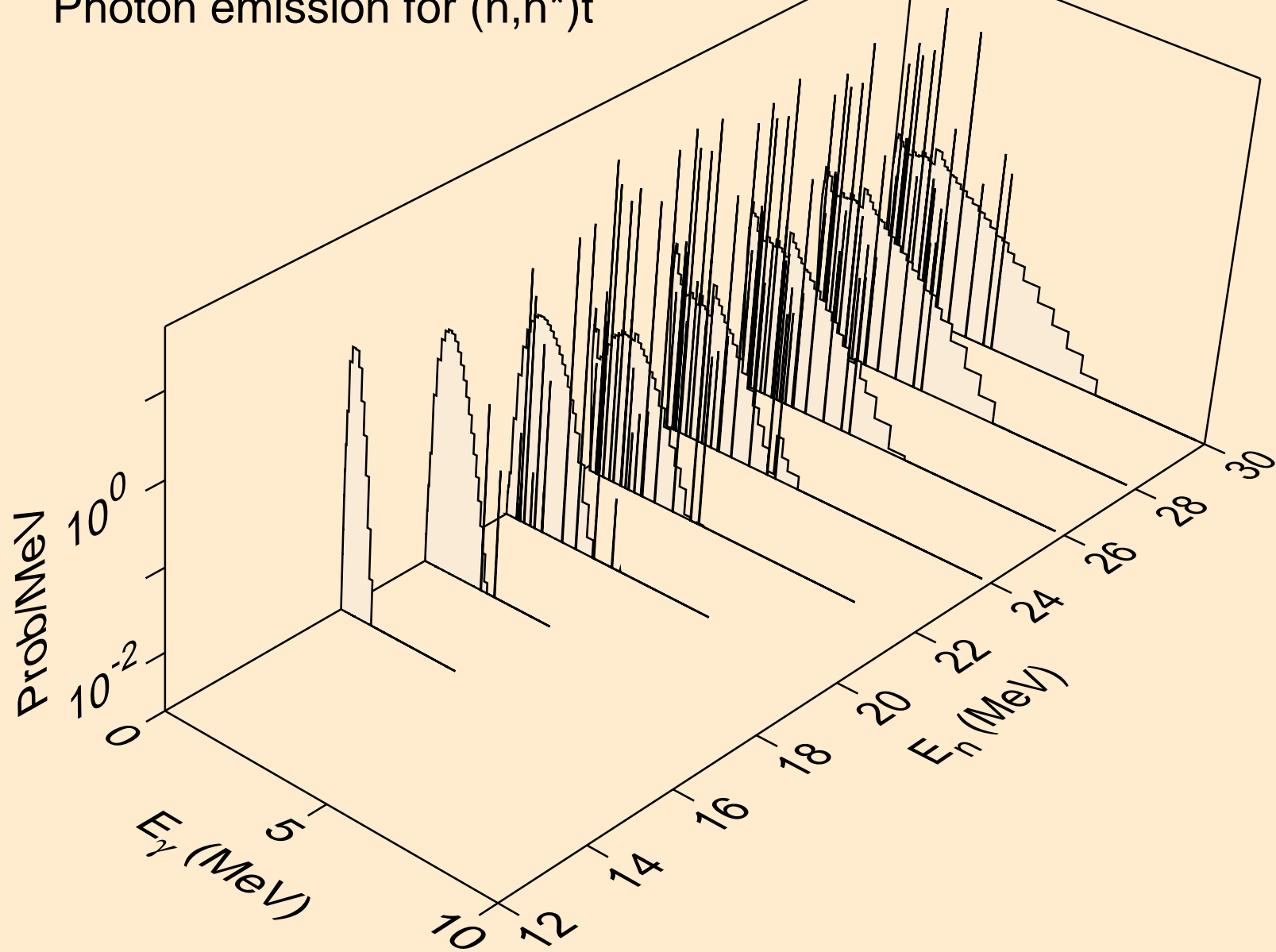
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Photon emission for (n,n\*)2a



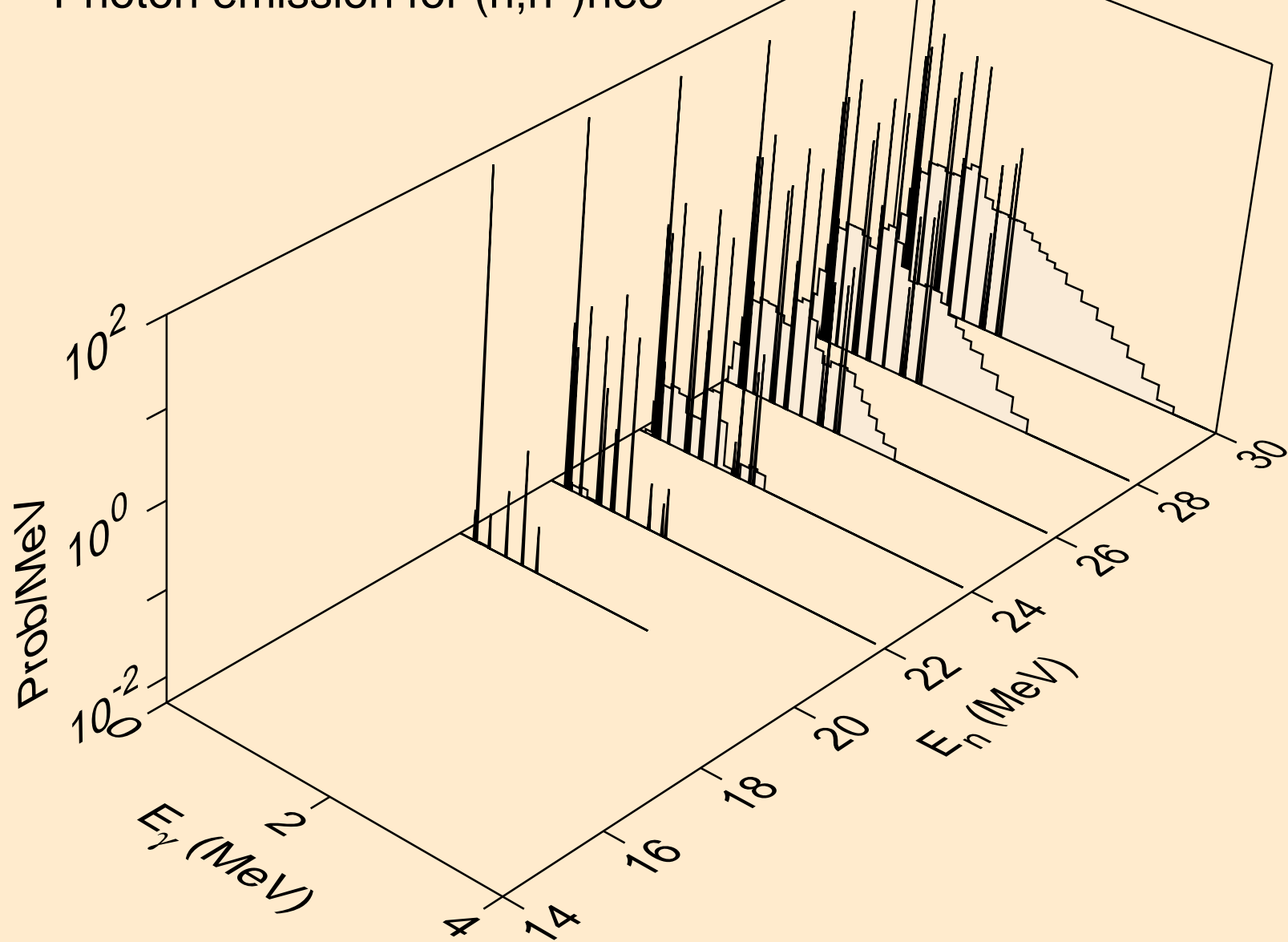
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Photon emission for (n,n\*)d



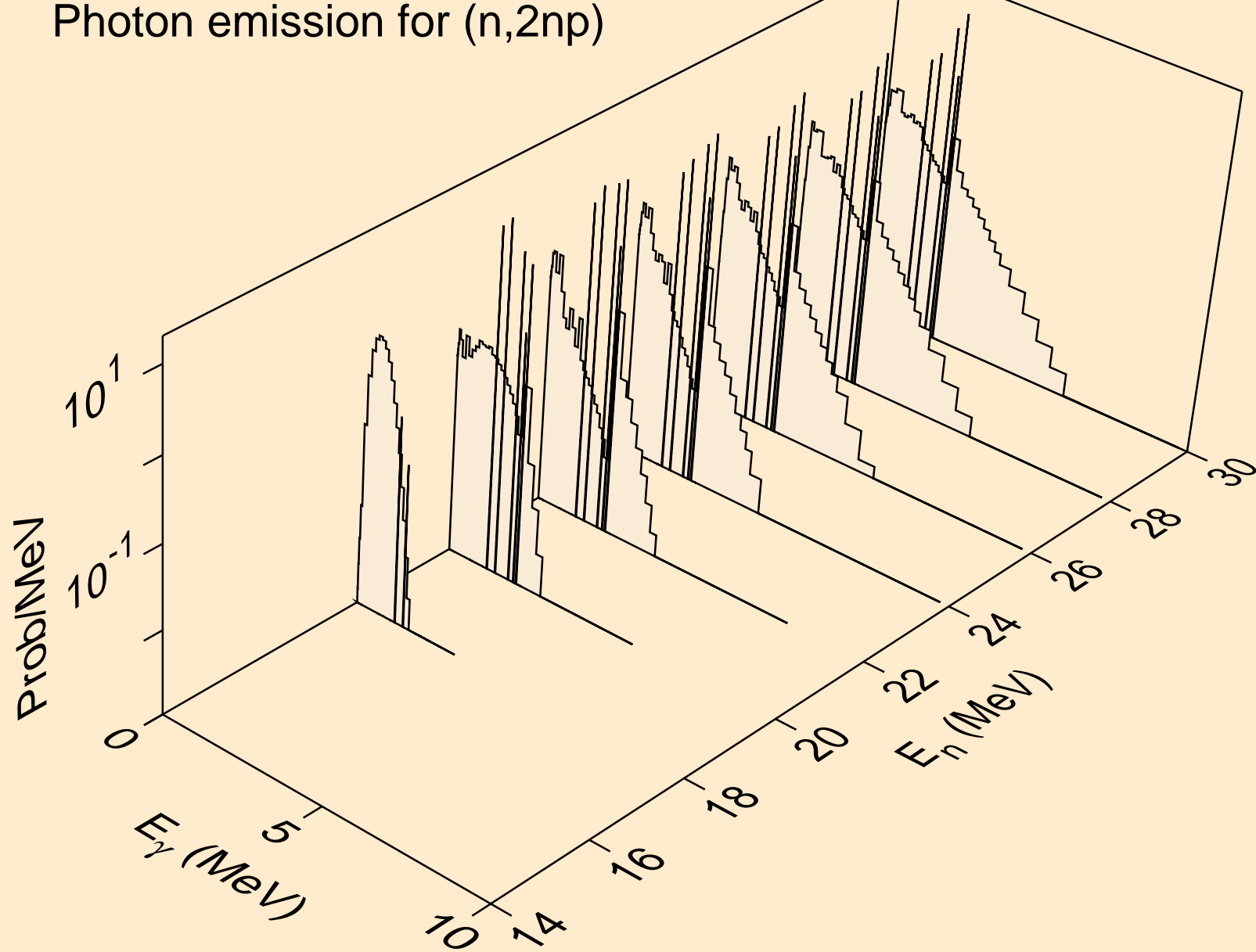
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Photon emission for (n,n\*)t



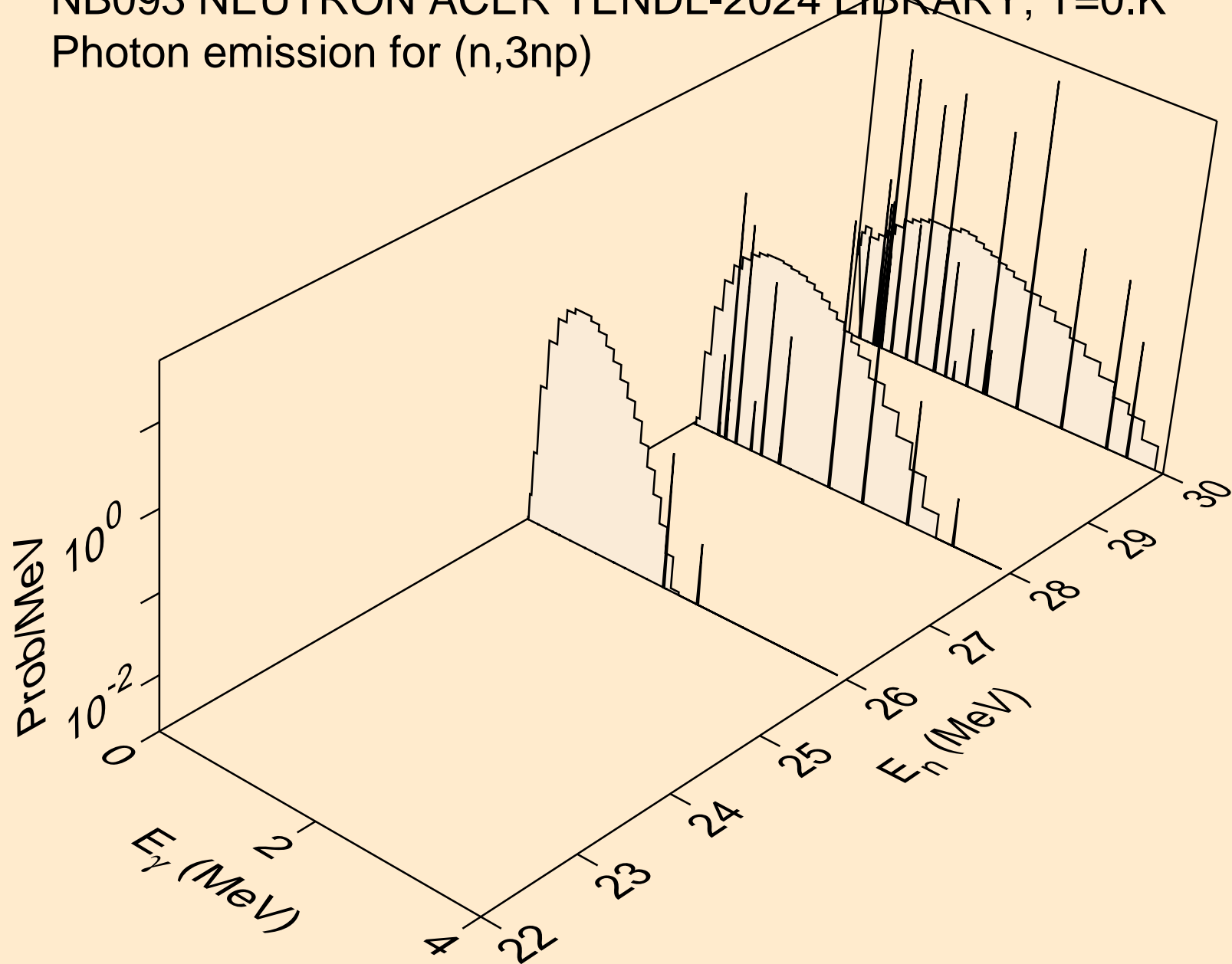
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

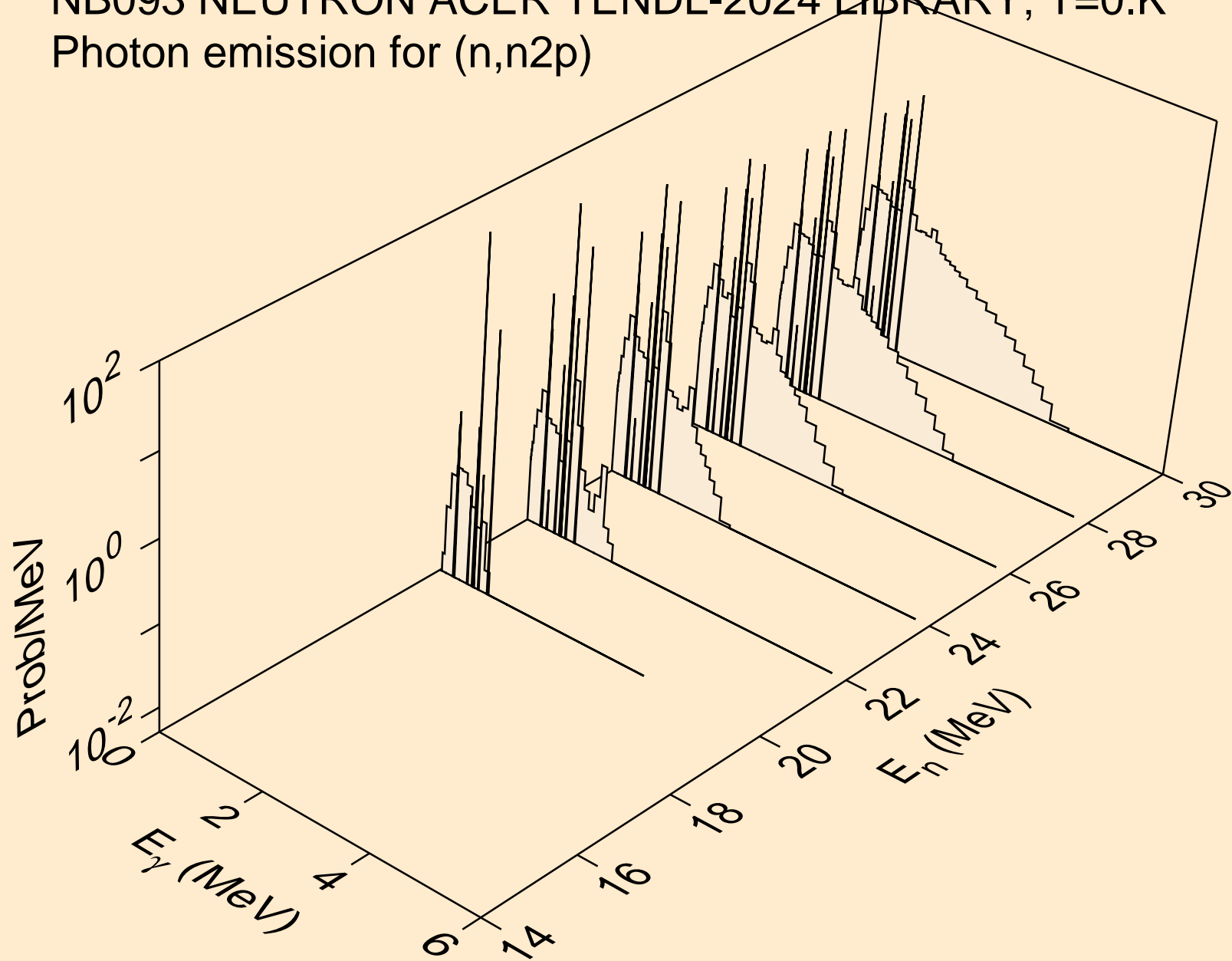


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Photon emission for (n,3np)

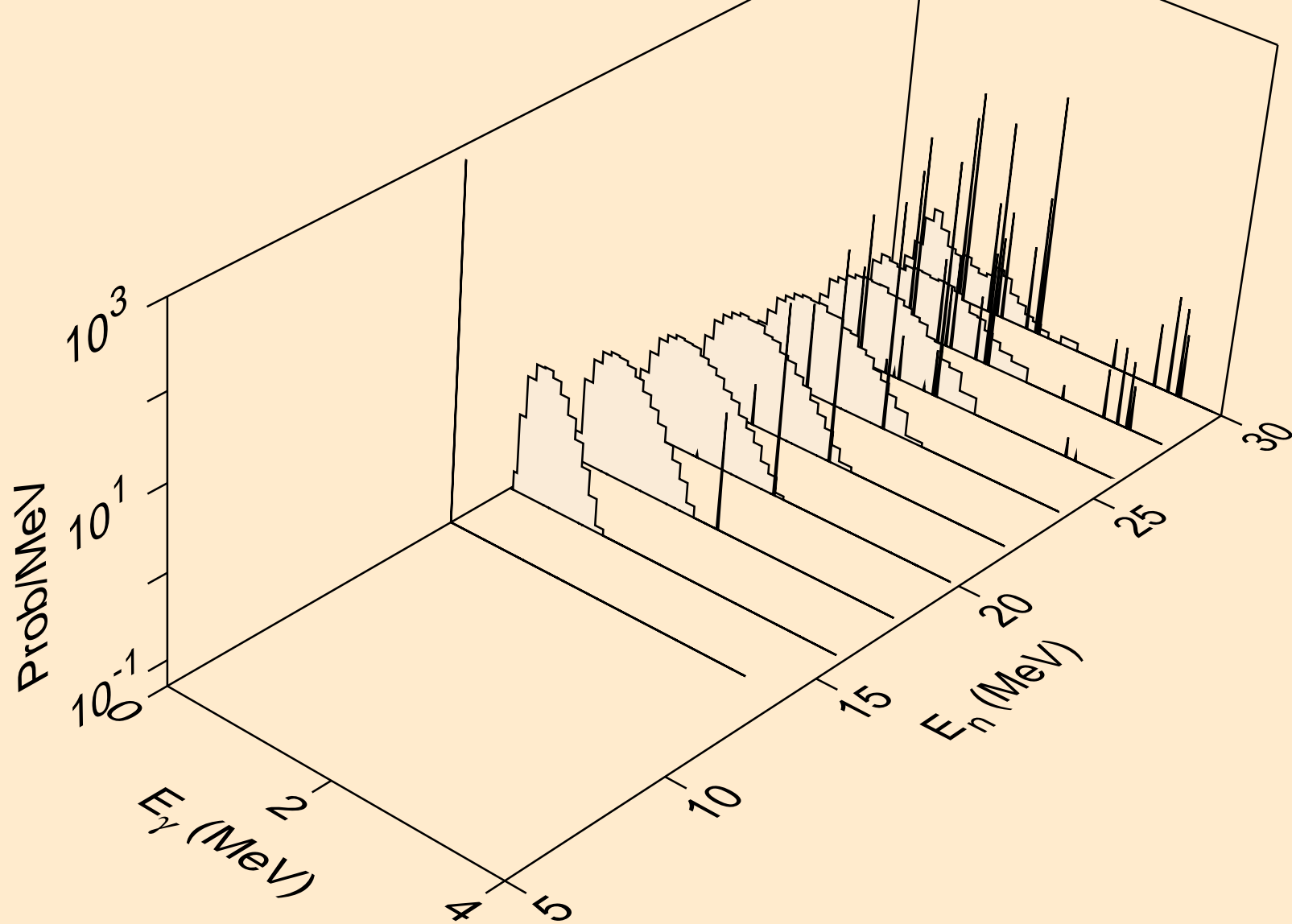




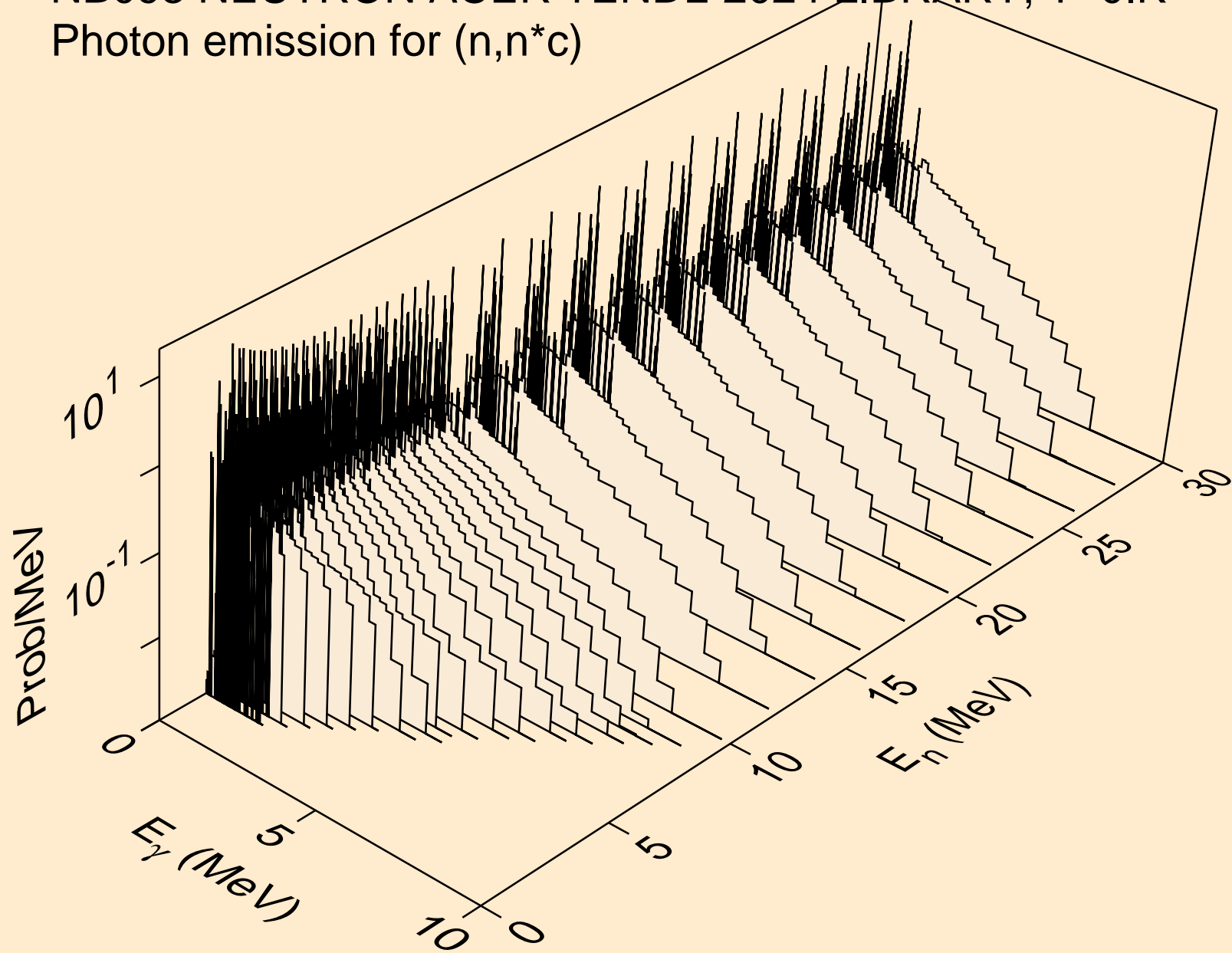
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Photon emission for (n,n2p)



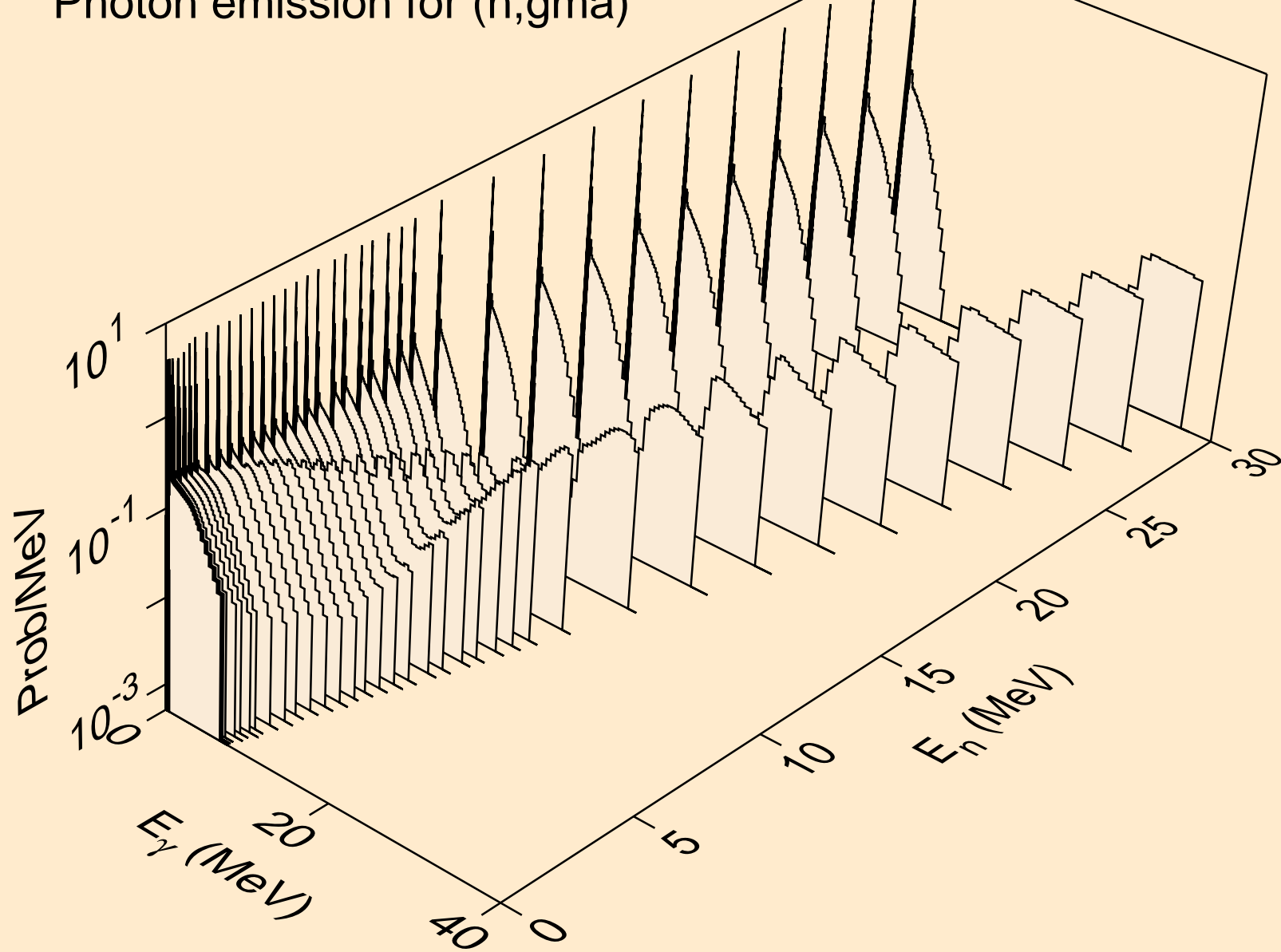
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Photon emission for (n,npa)



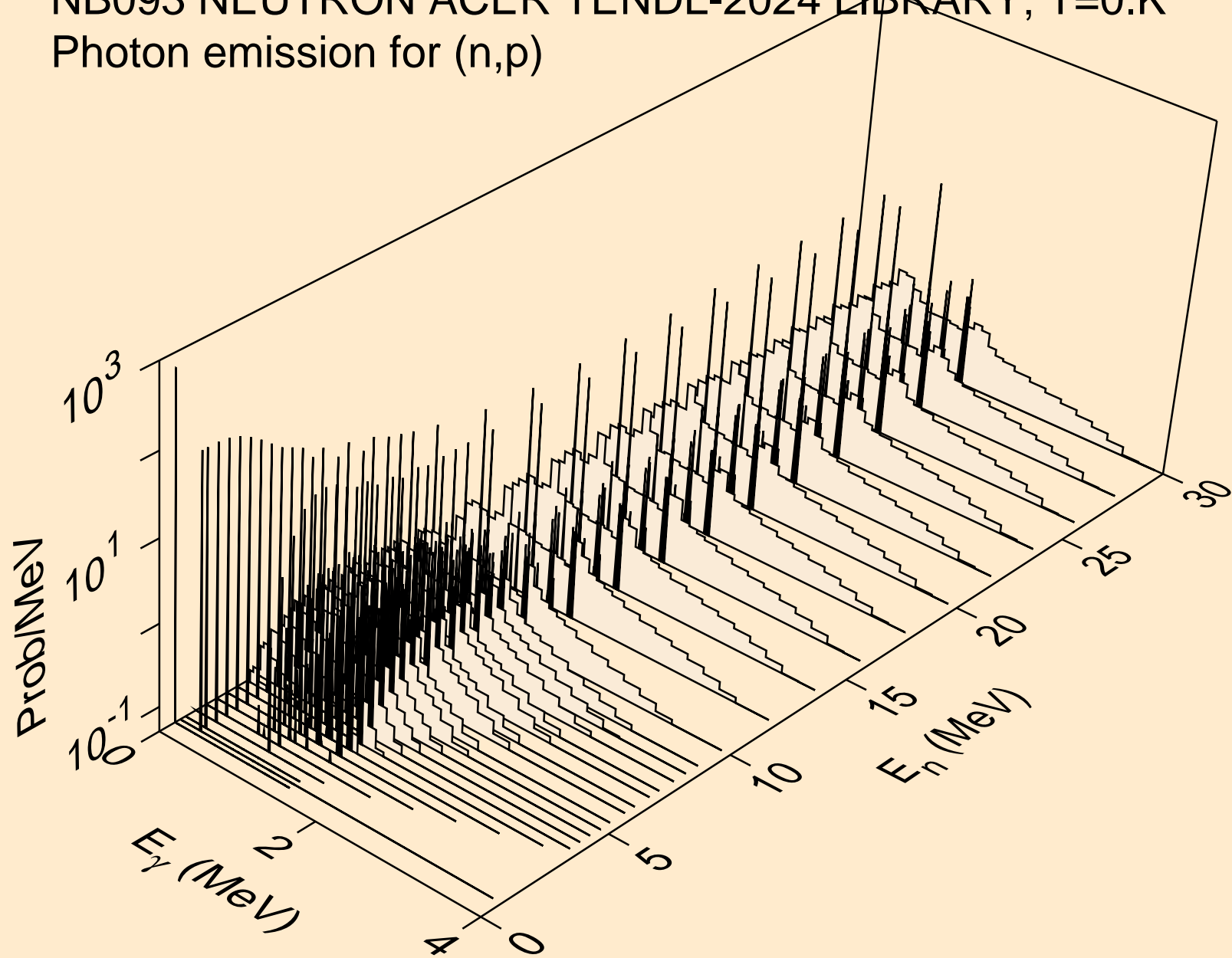
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Photon emission for (n,n\*c)



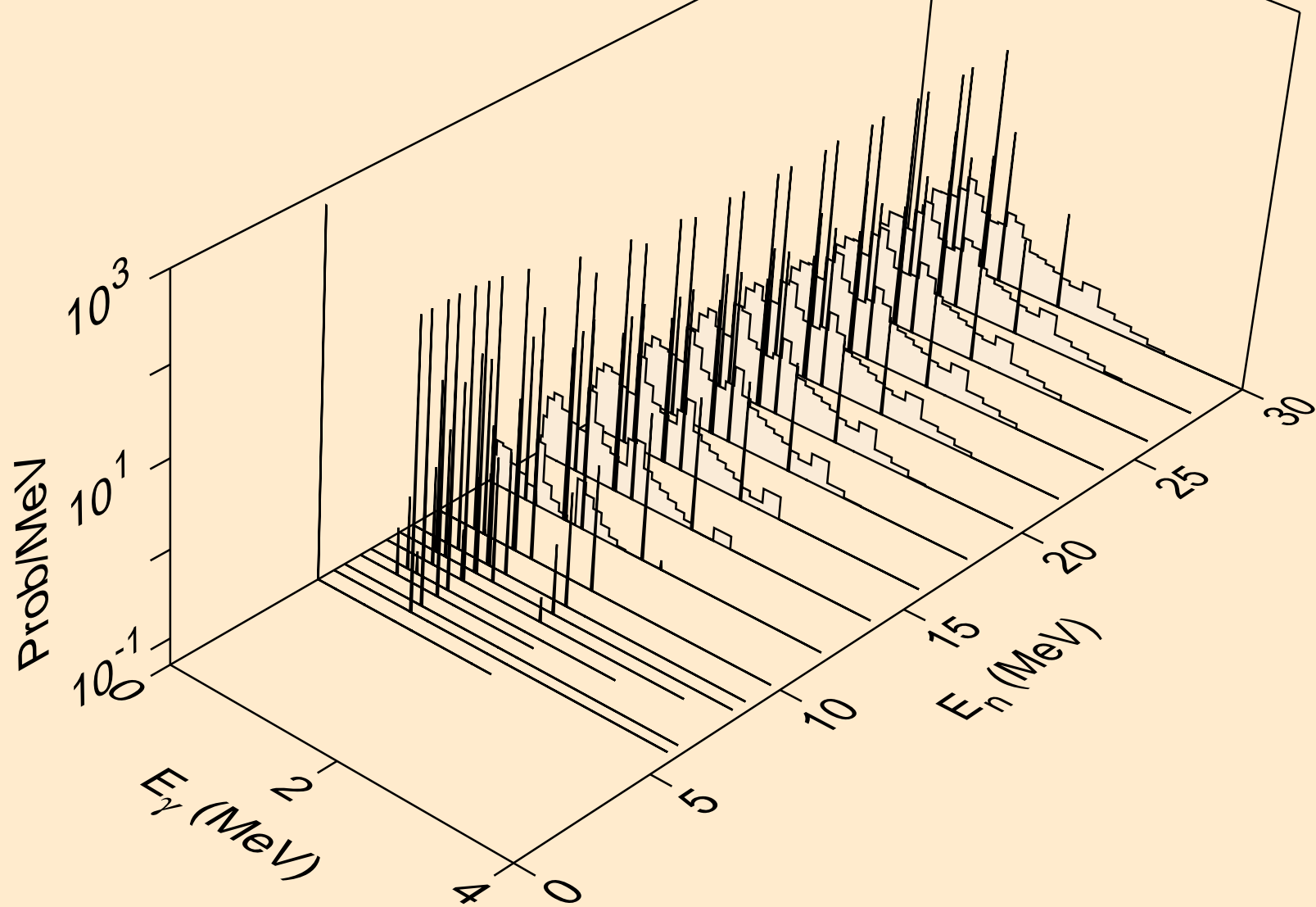
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Photon emission for (n,gma)



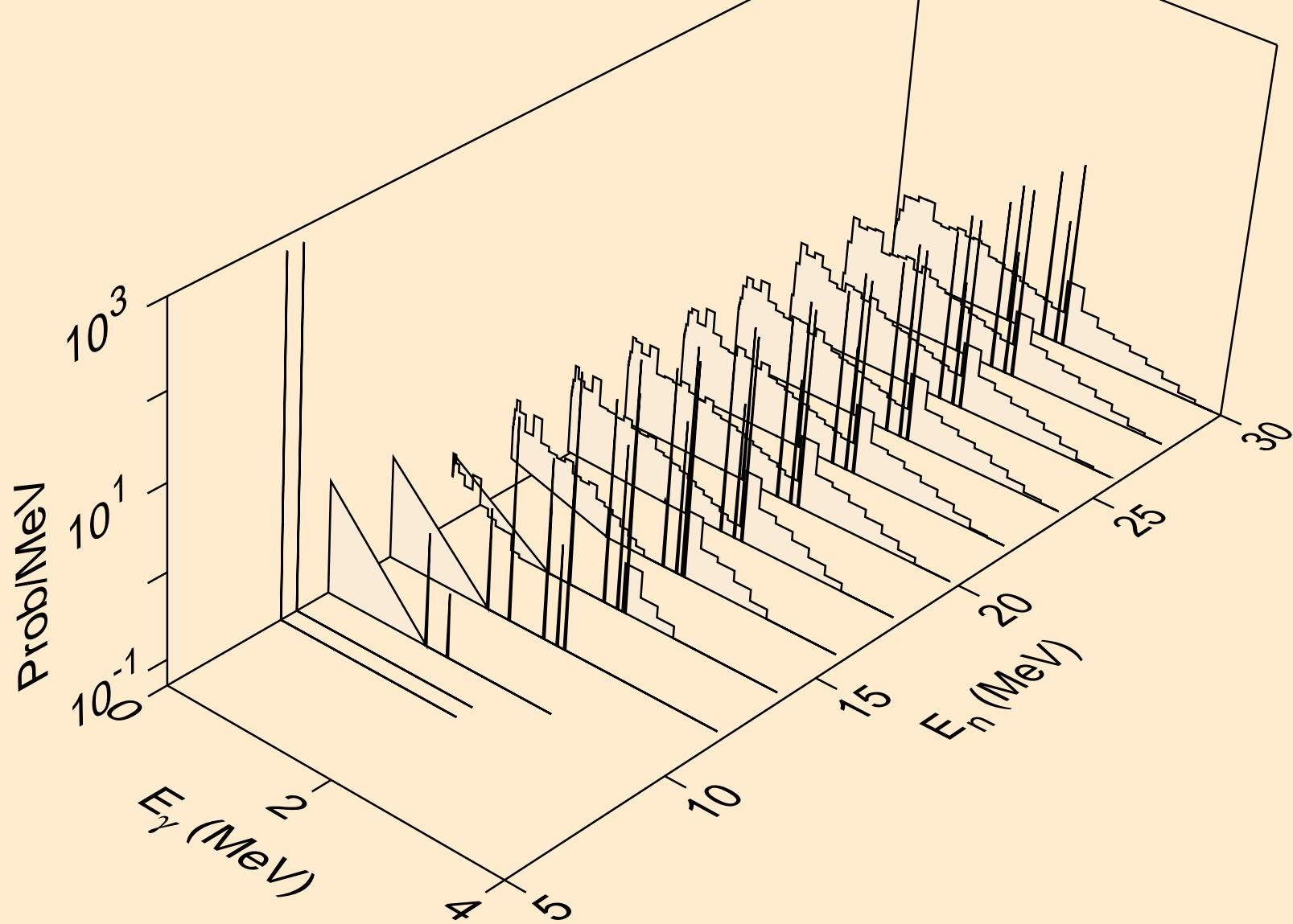
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Photon emission for (n,p)



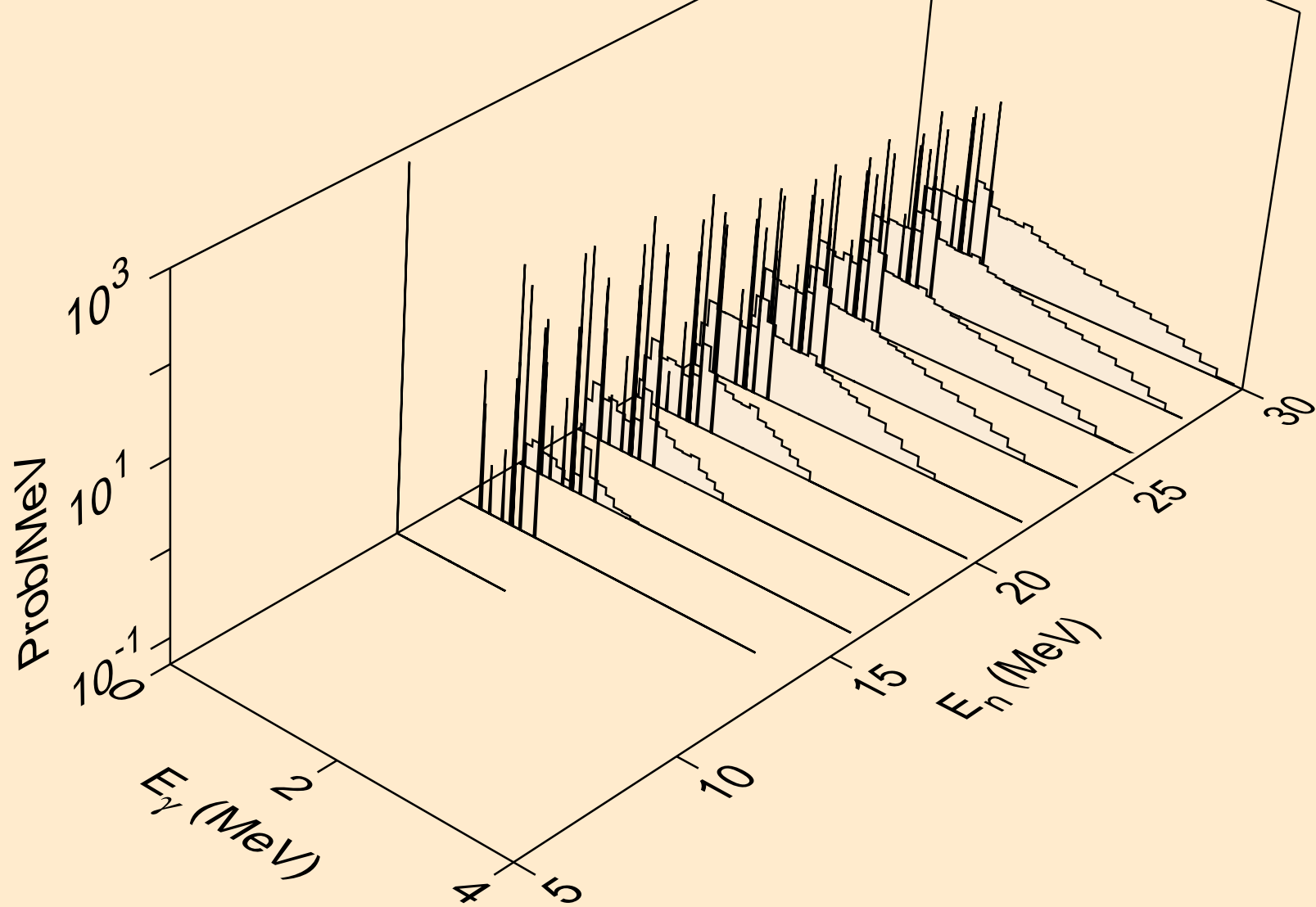
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

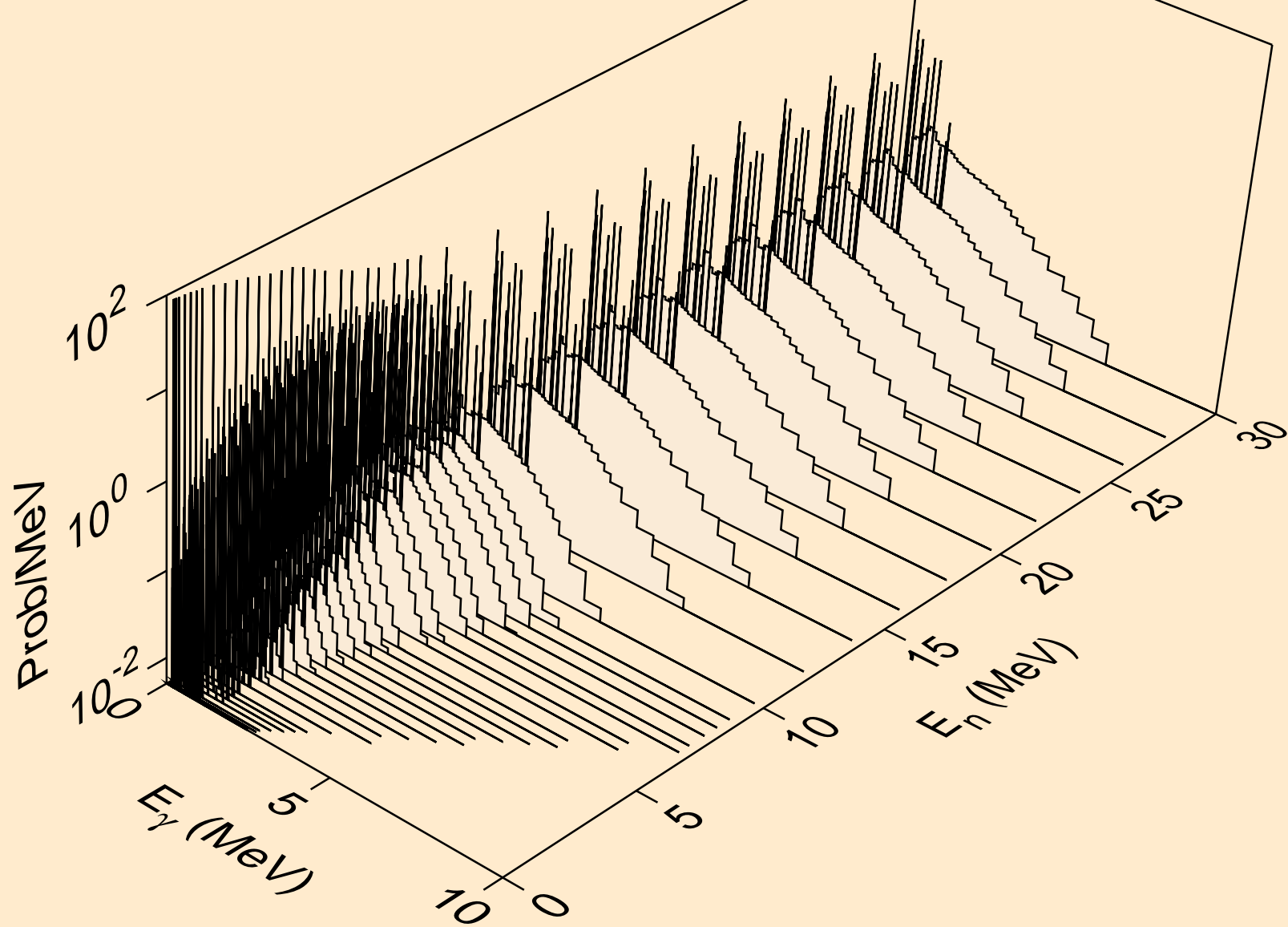


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

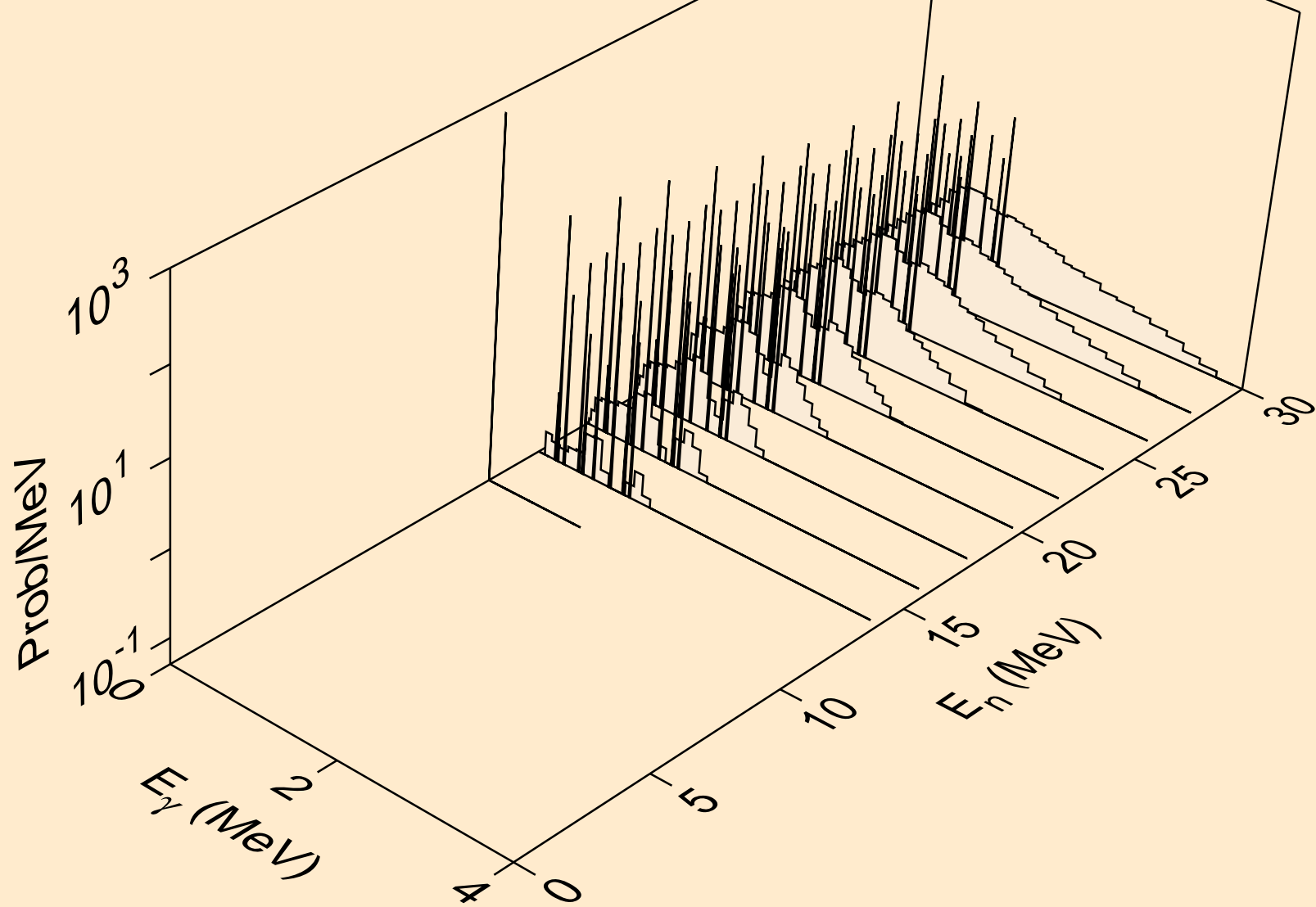




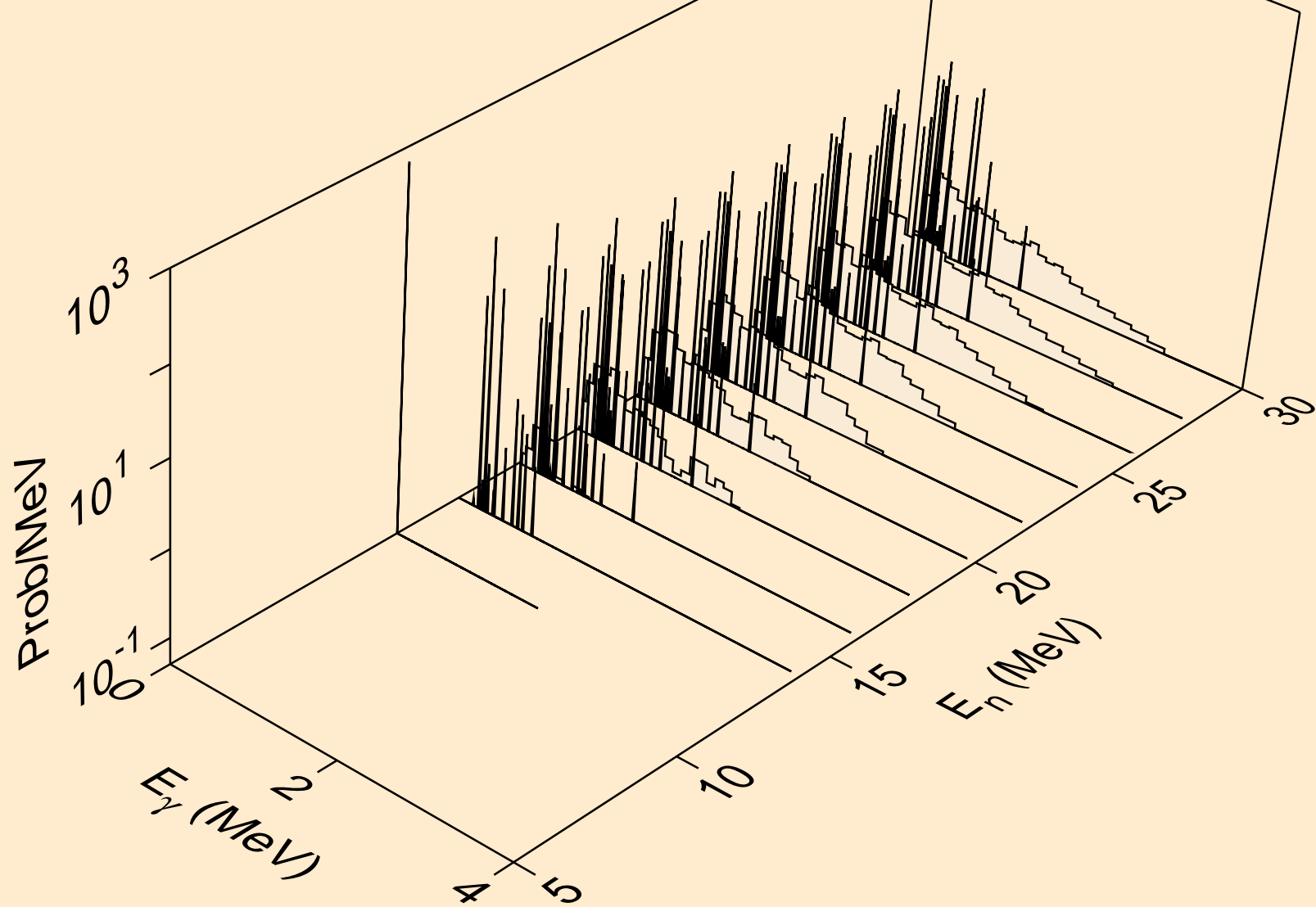
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Photon emission for (n,a)



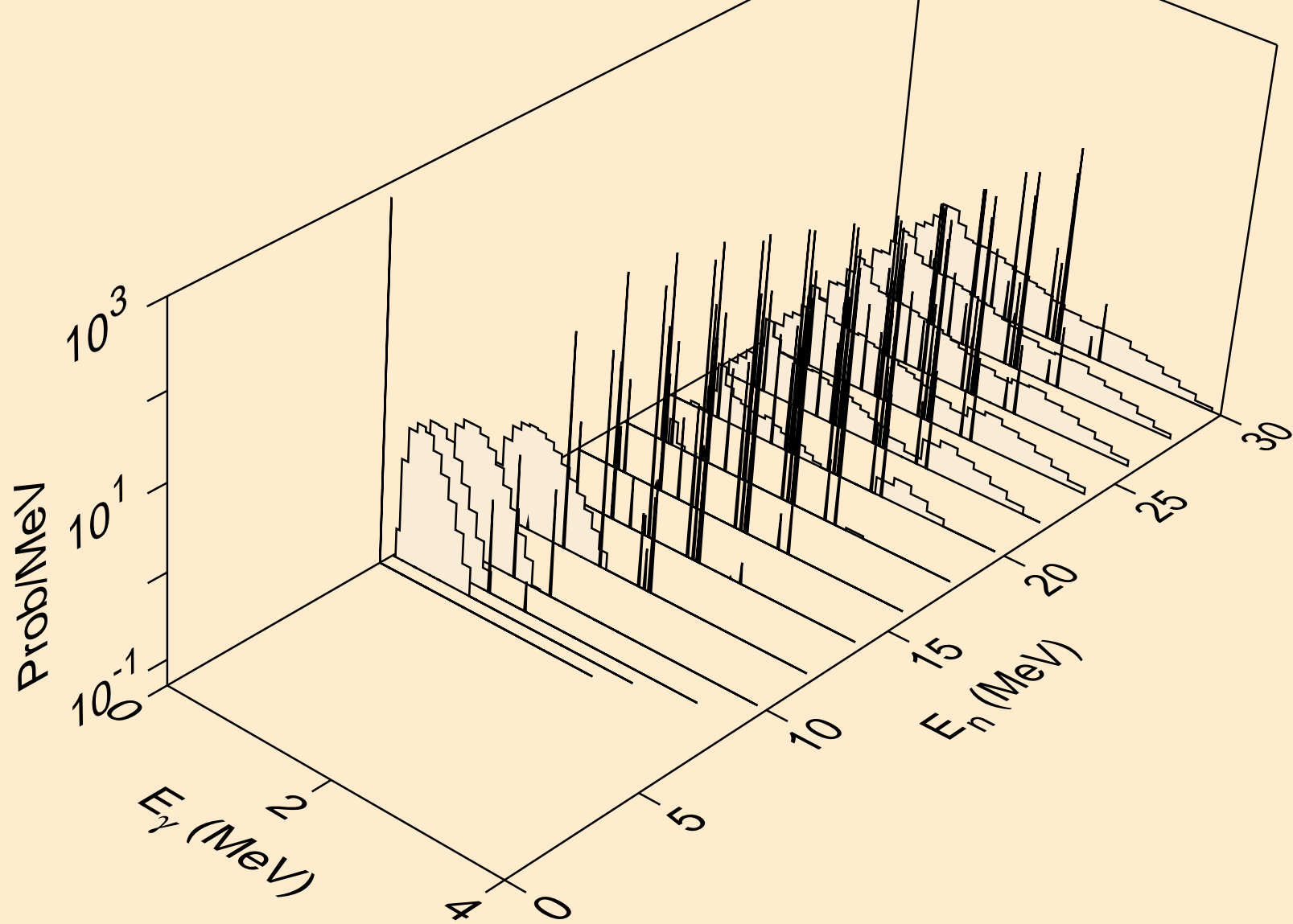
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Photon emission for (n,2a)



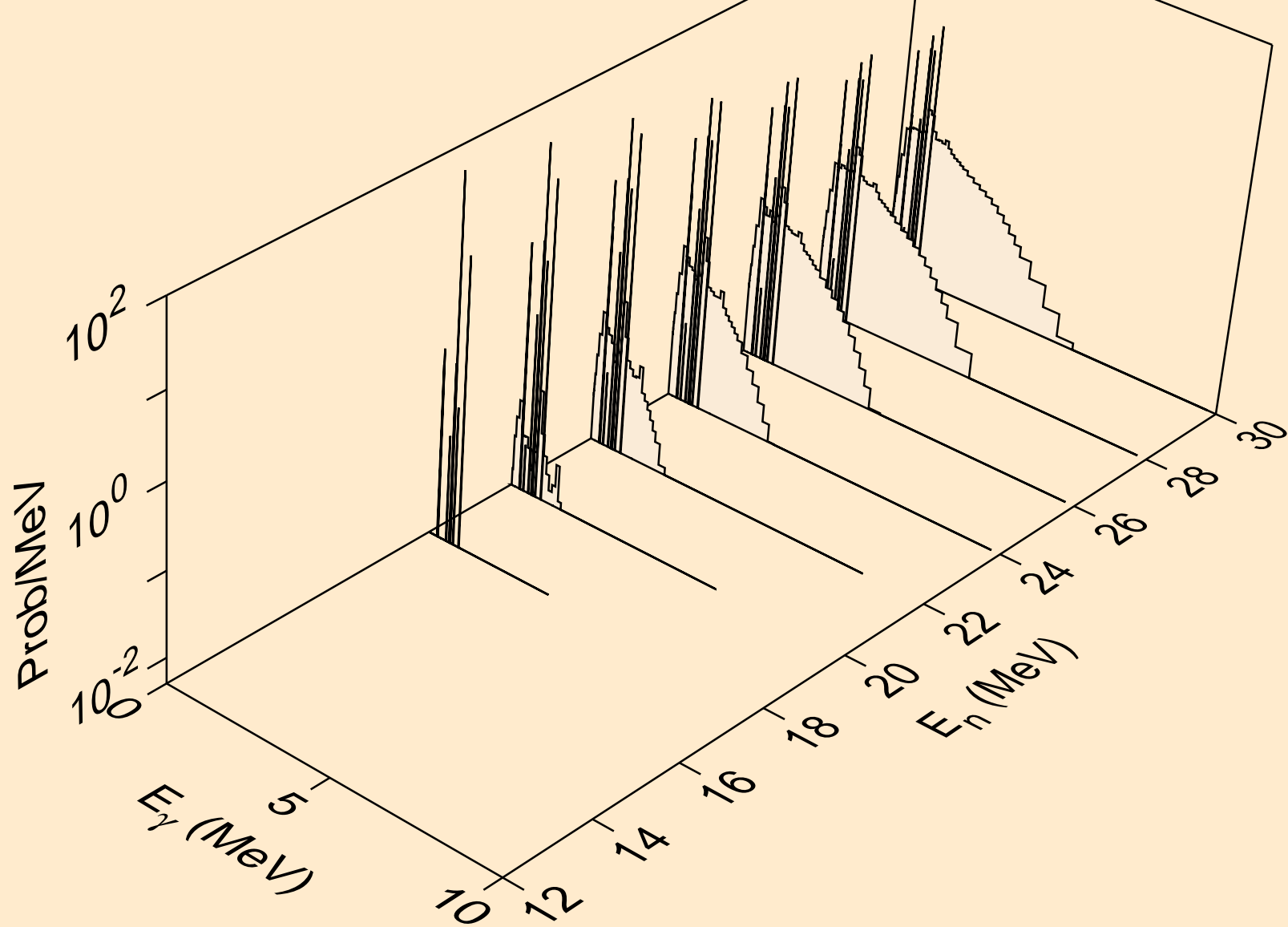
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Photon emission for (n,2p)



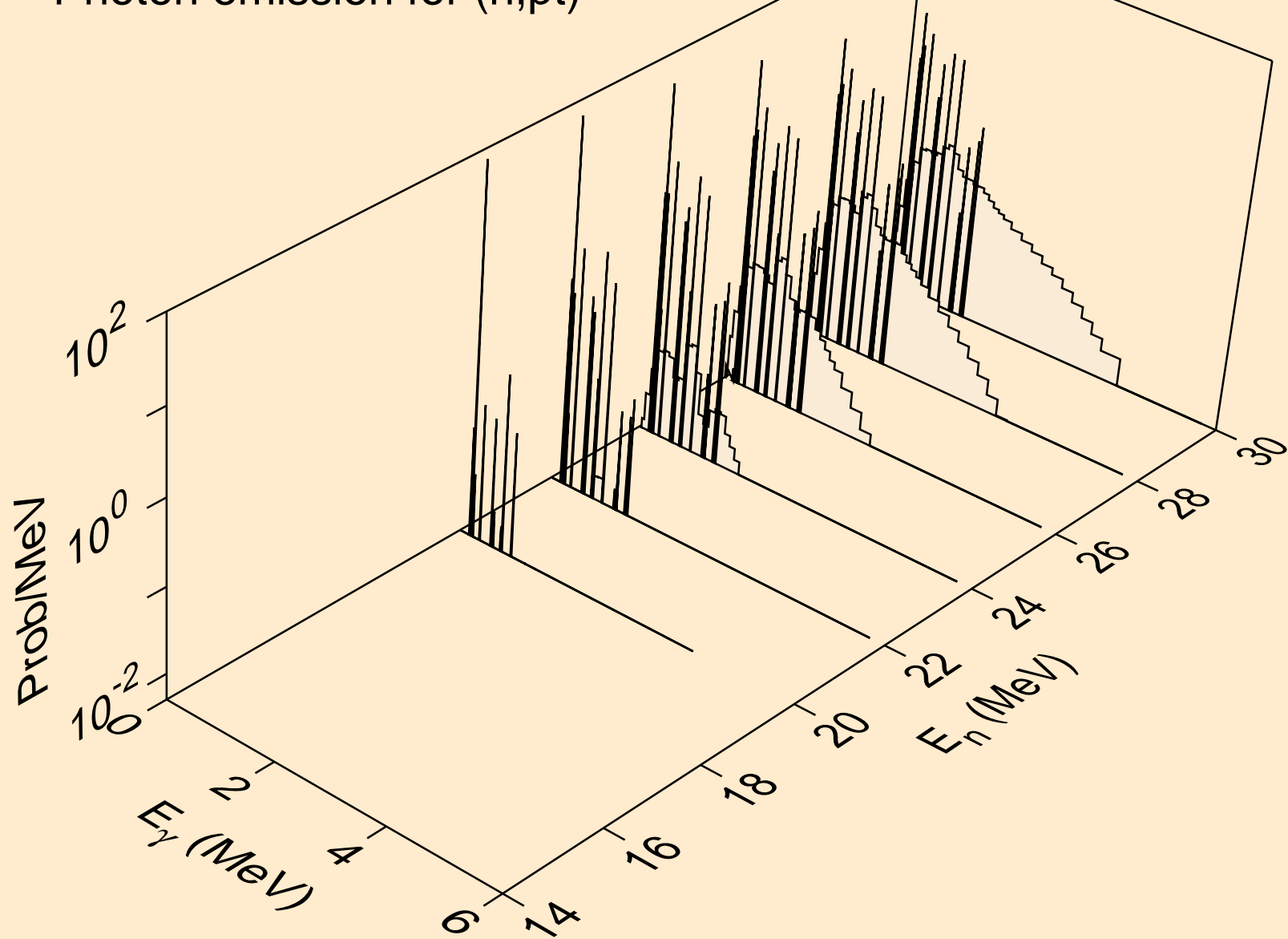
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Photon emission for (n,p $\alpha$ )



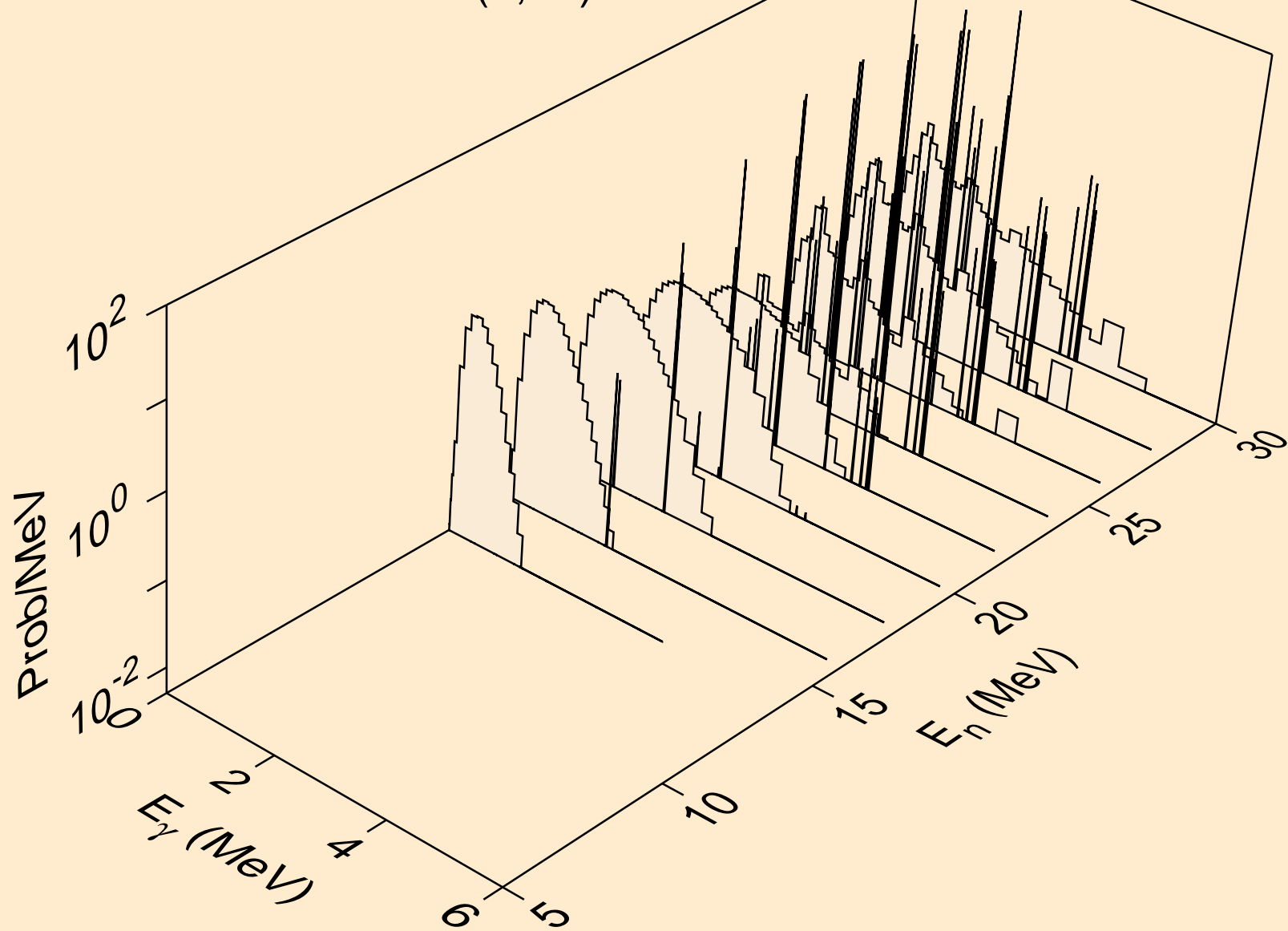
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Photon emission for (n,pd)



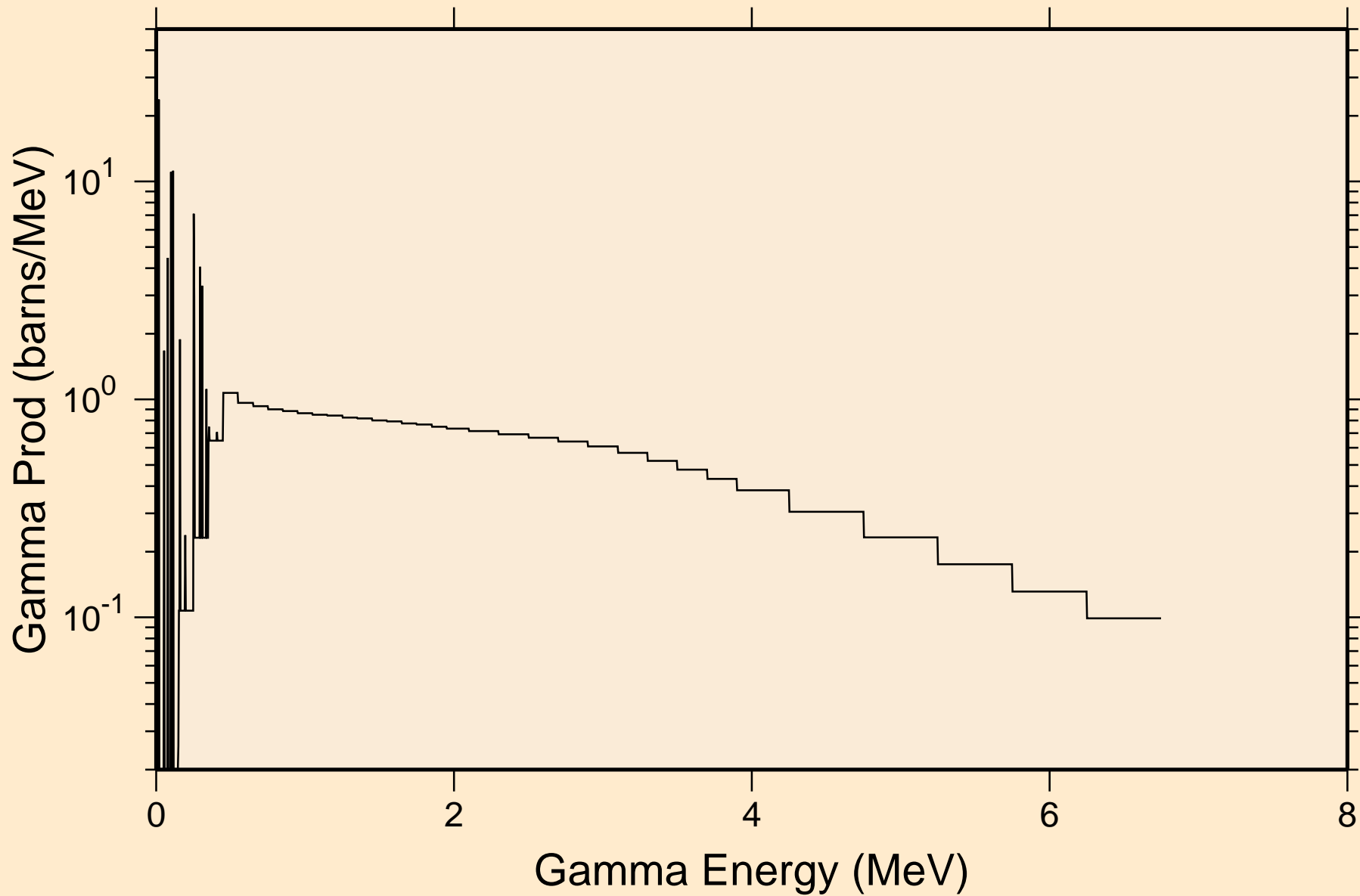
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

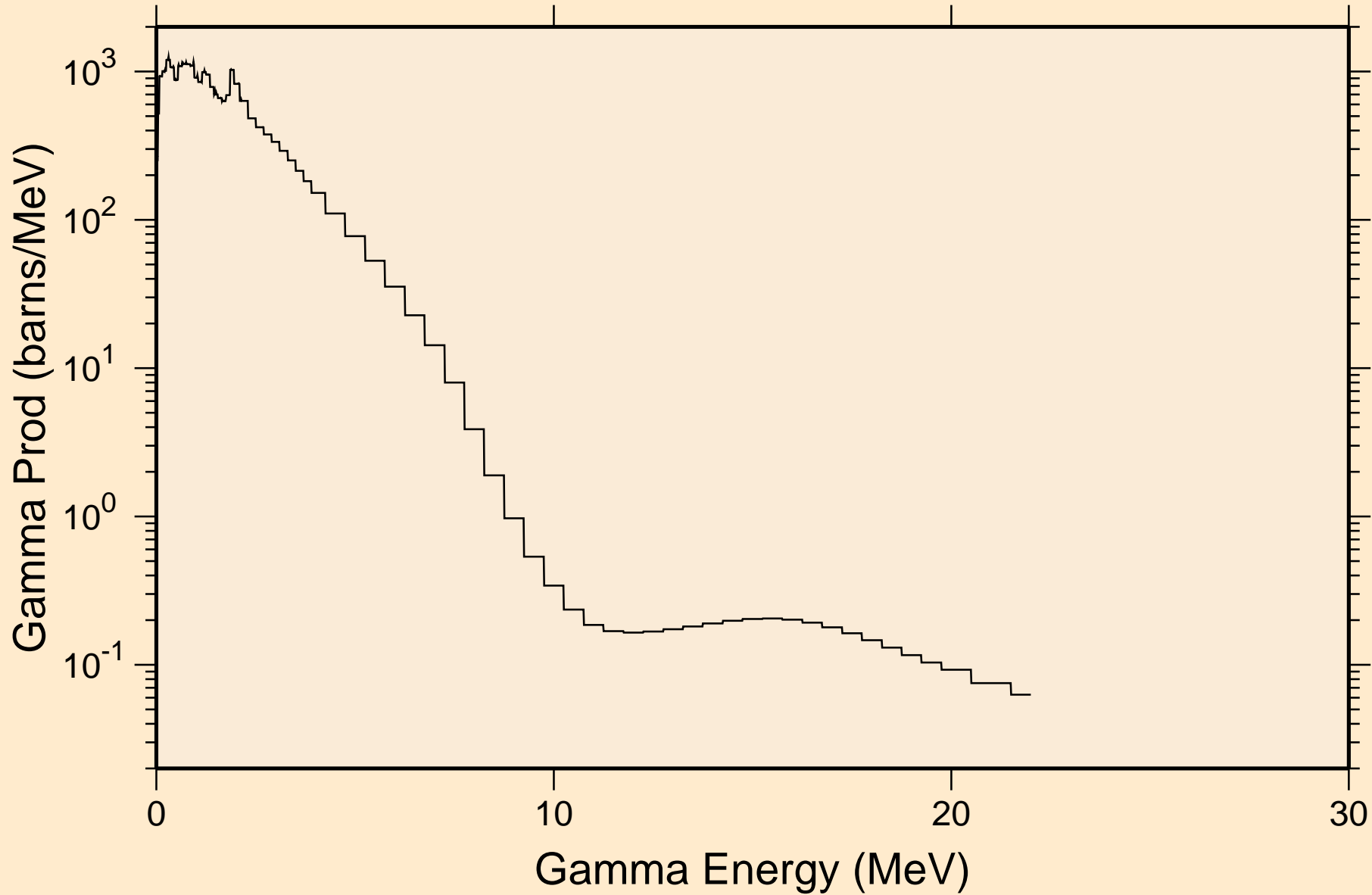


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



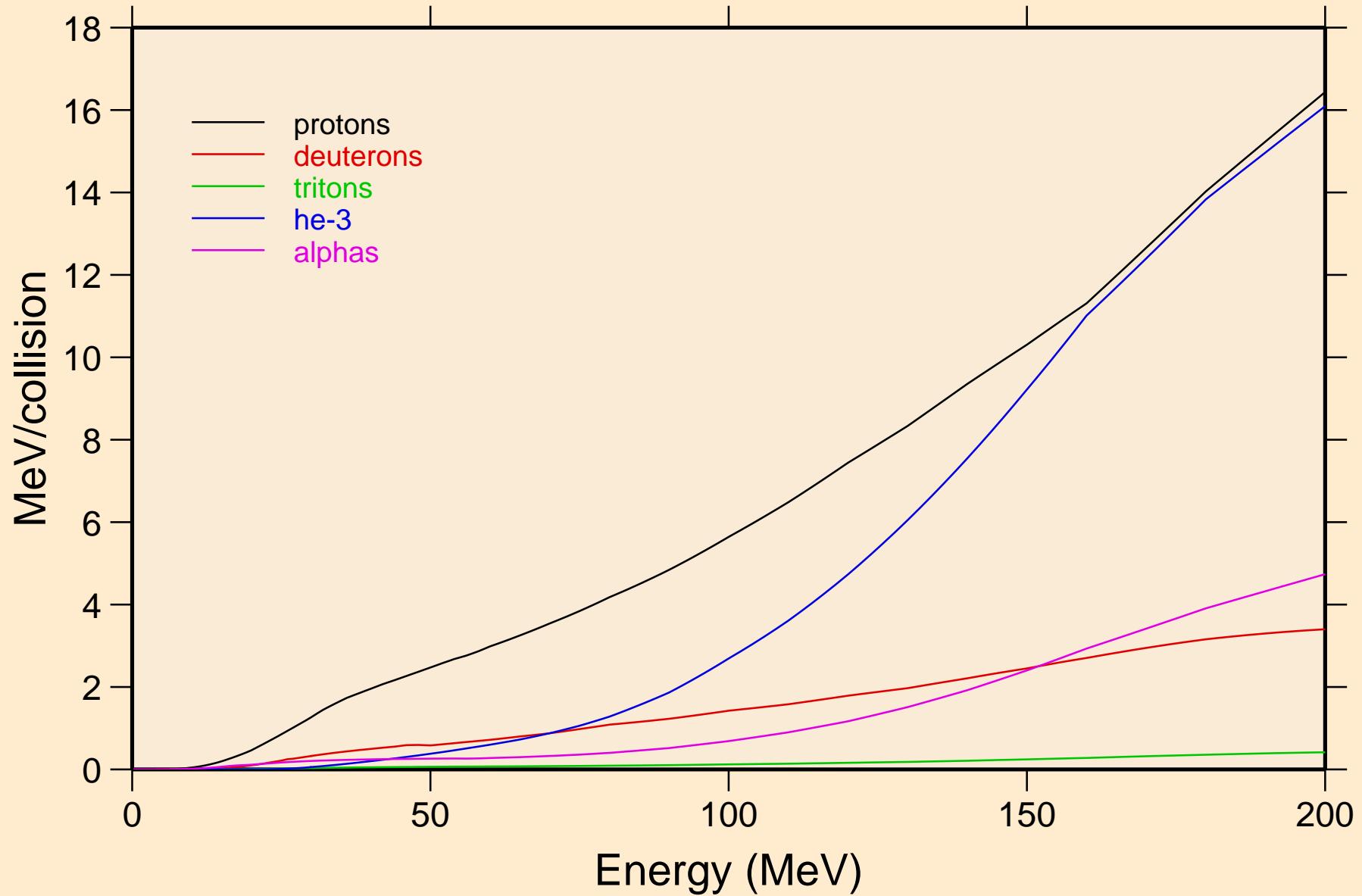


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



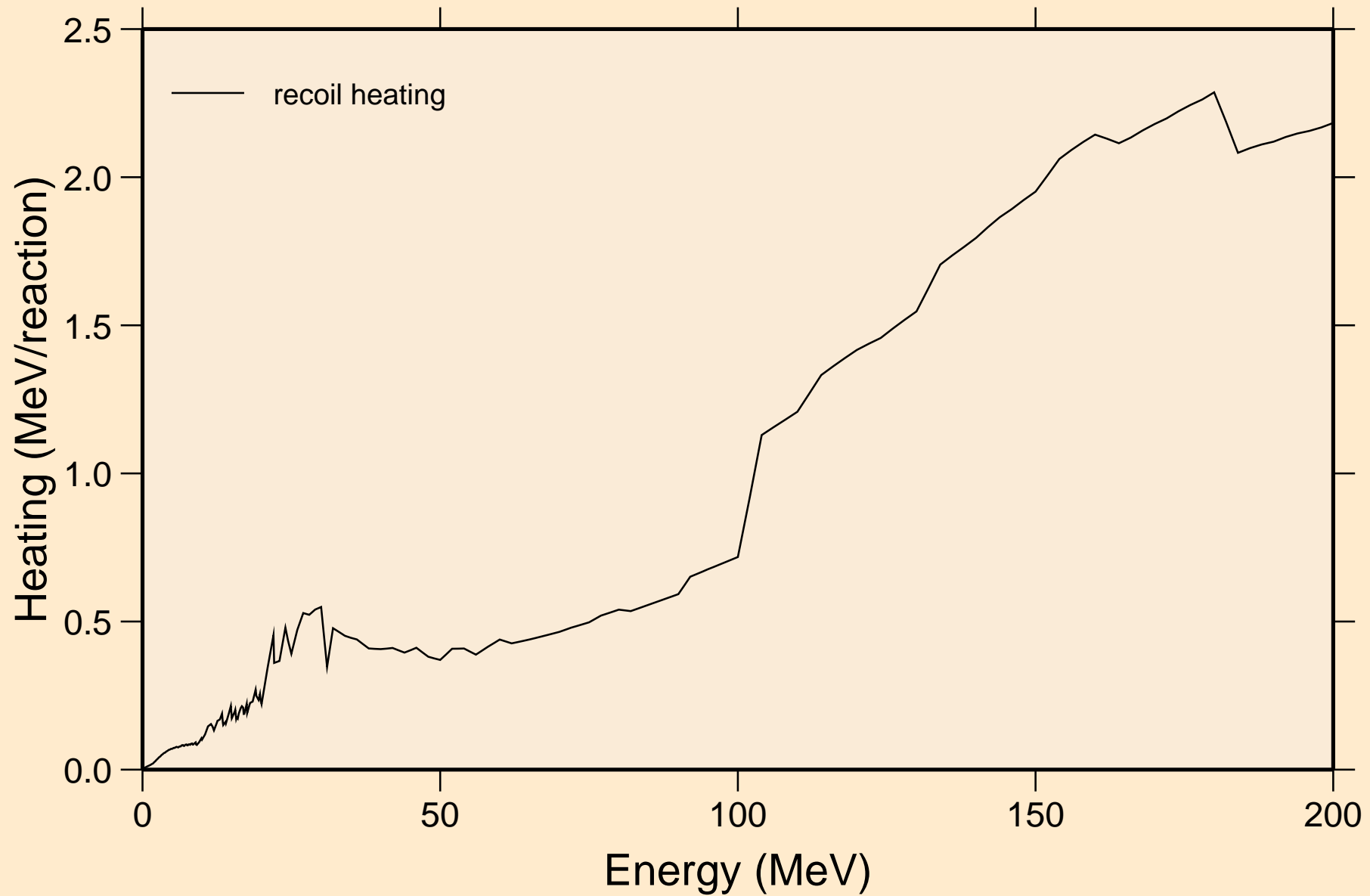
# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

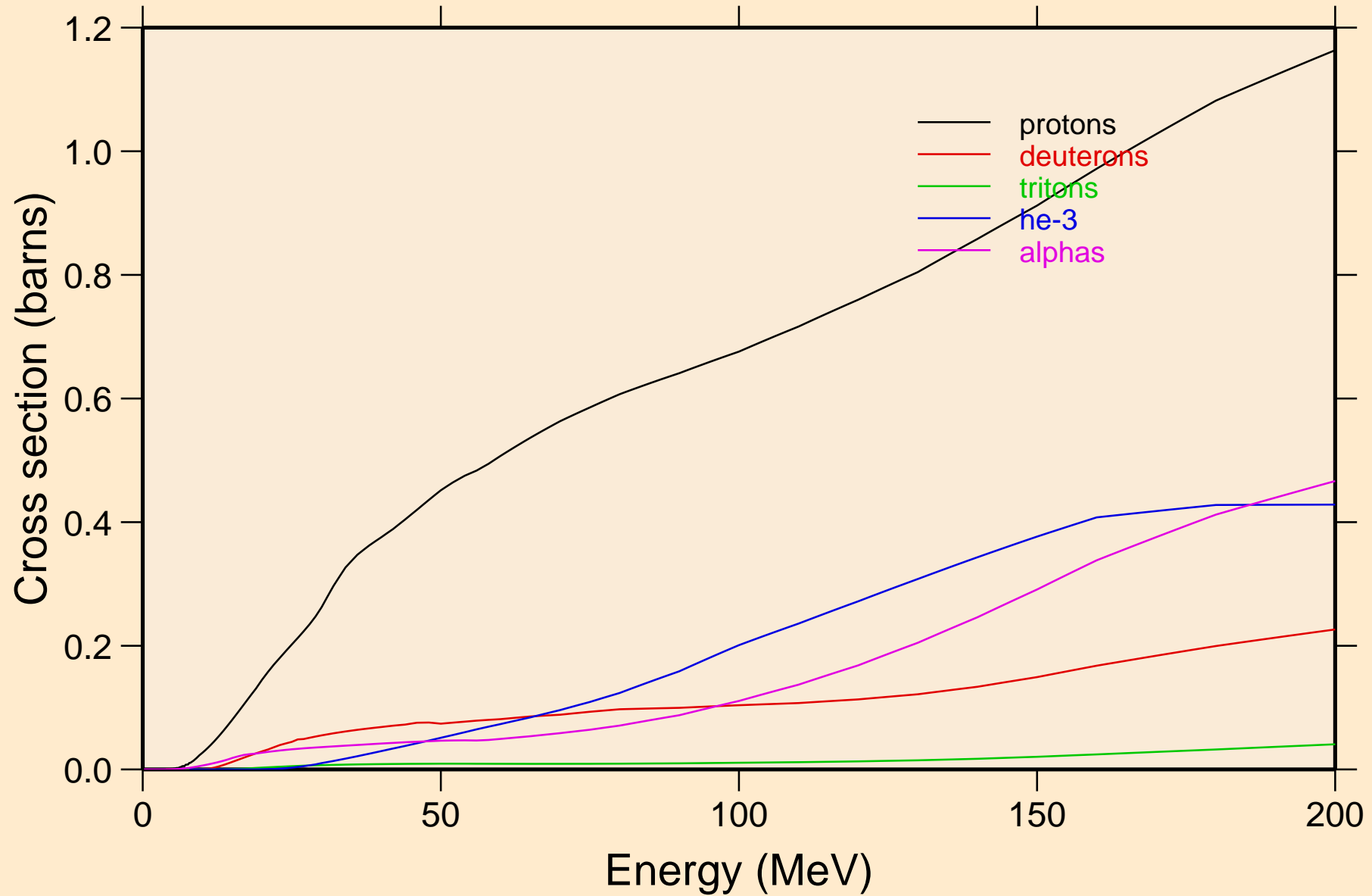


# NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

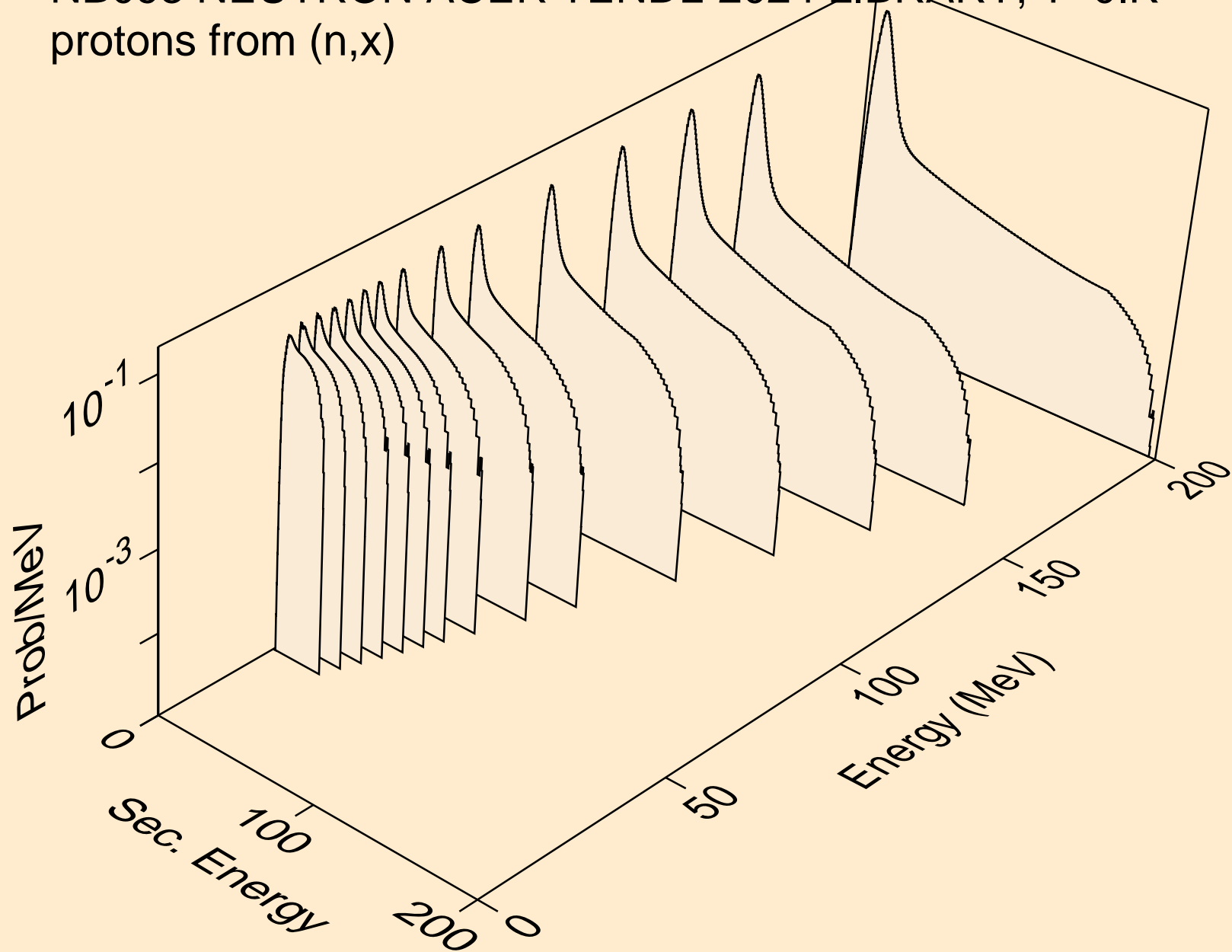
## Recoil Heating



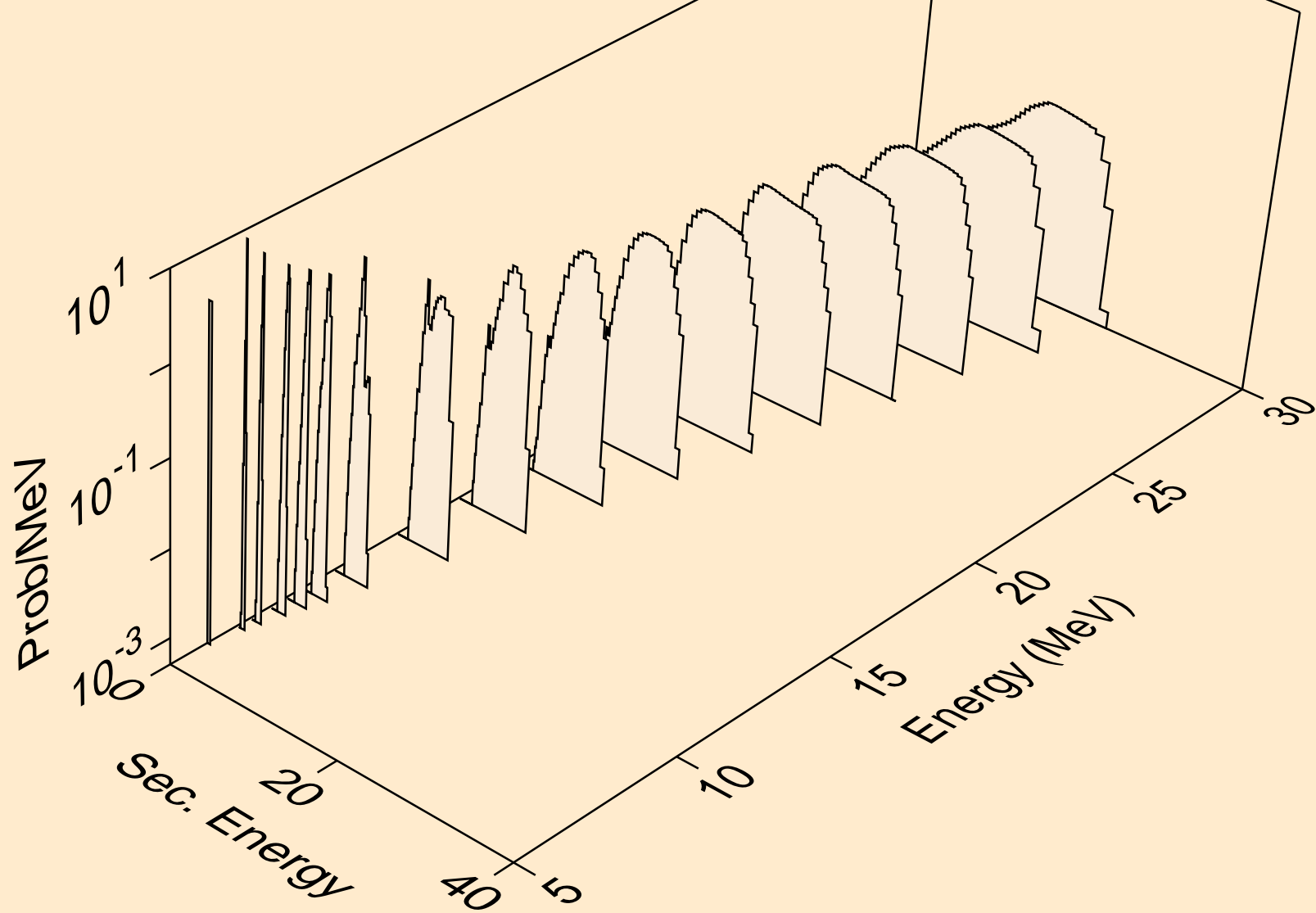
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Particle production cross sections



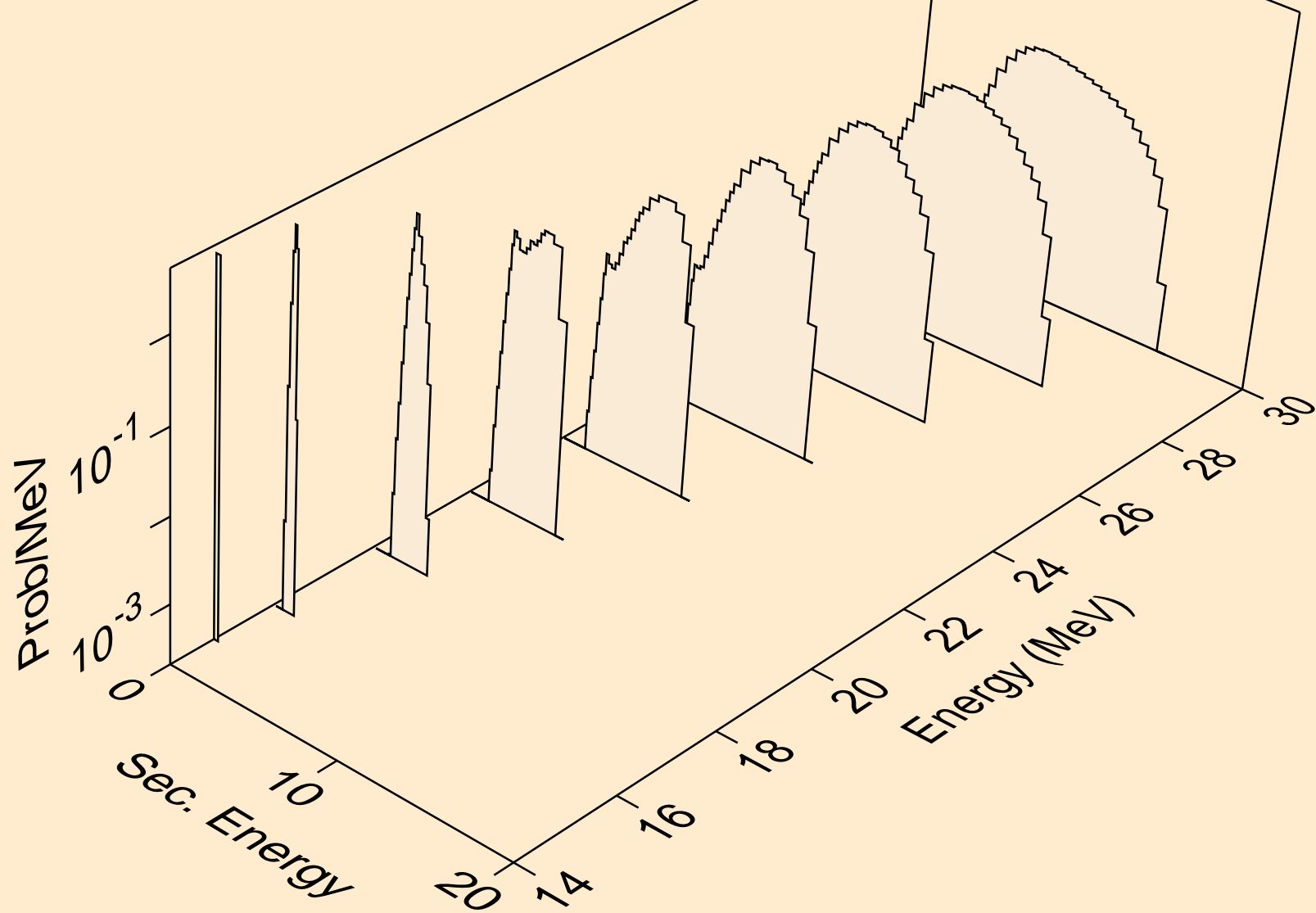
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



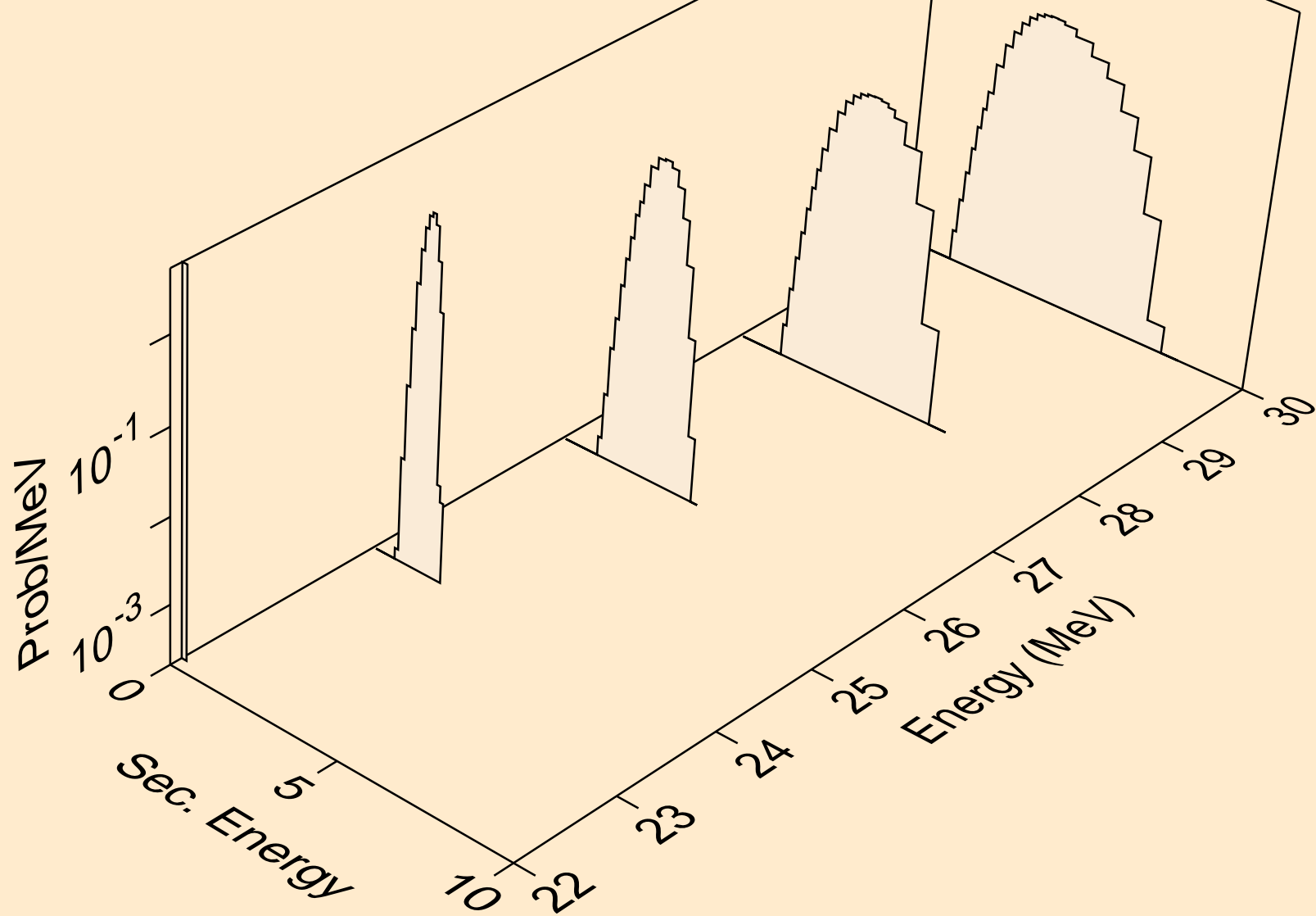
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

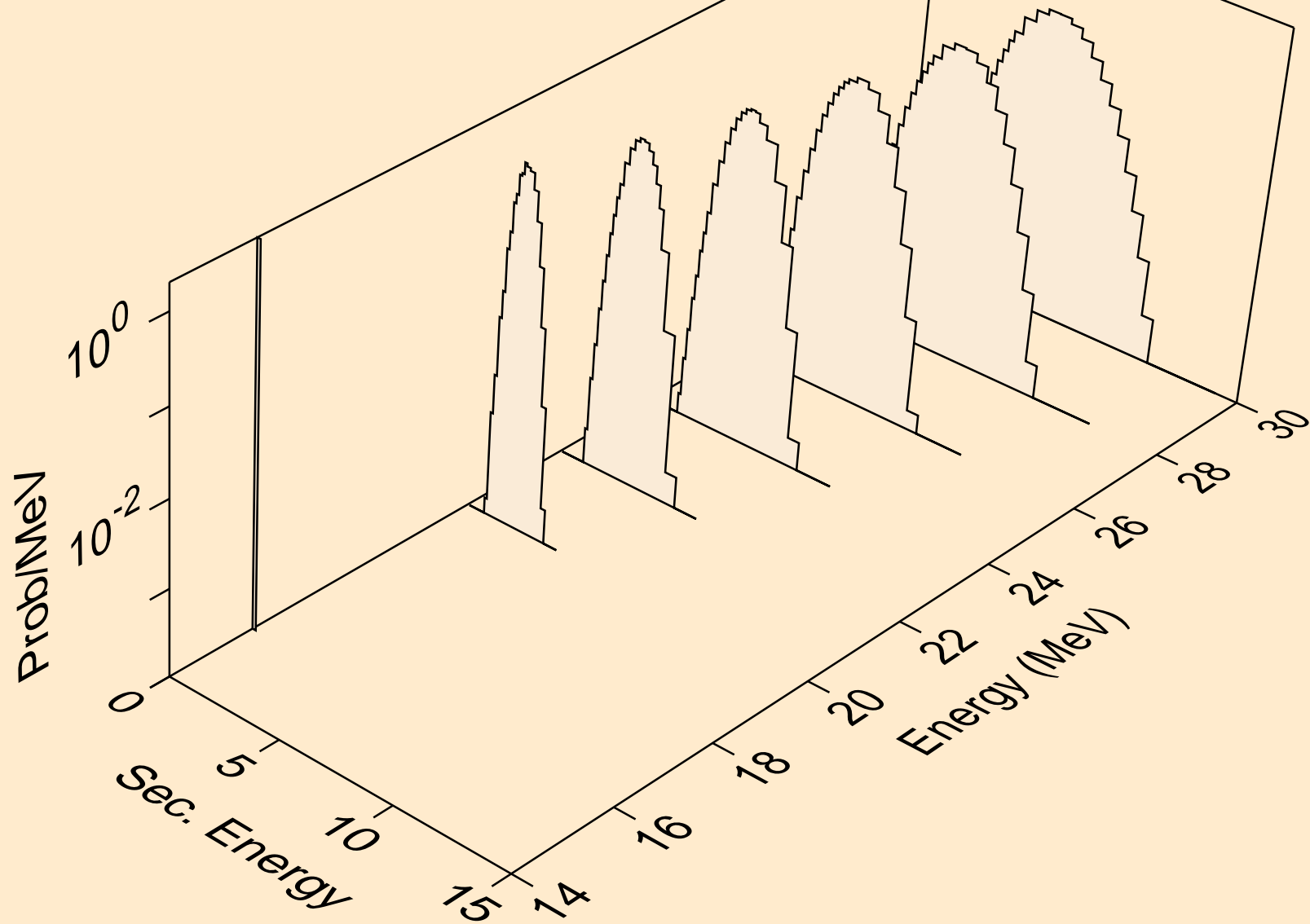


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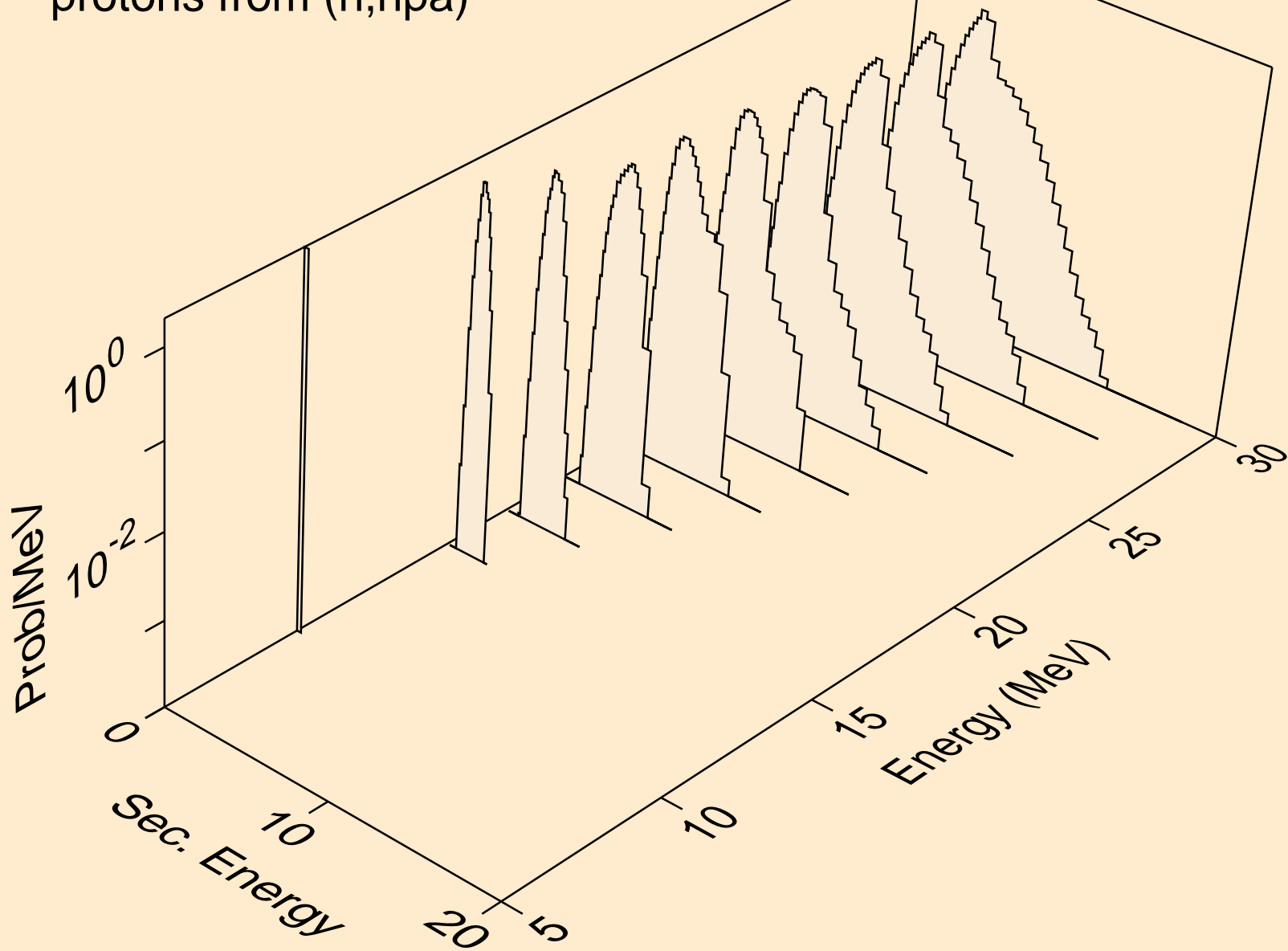




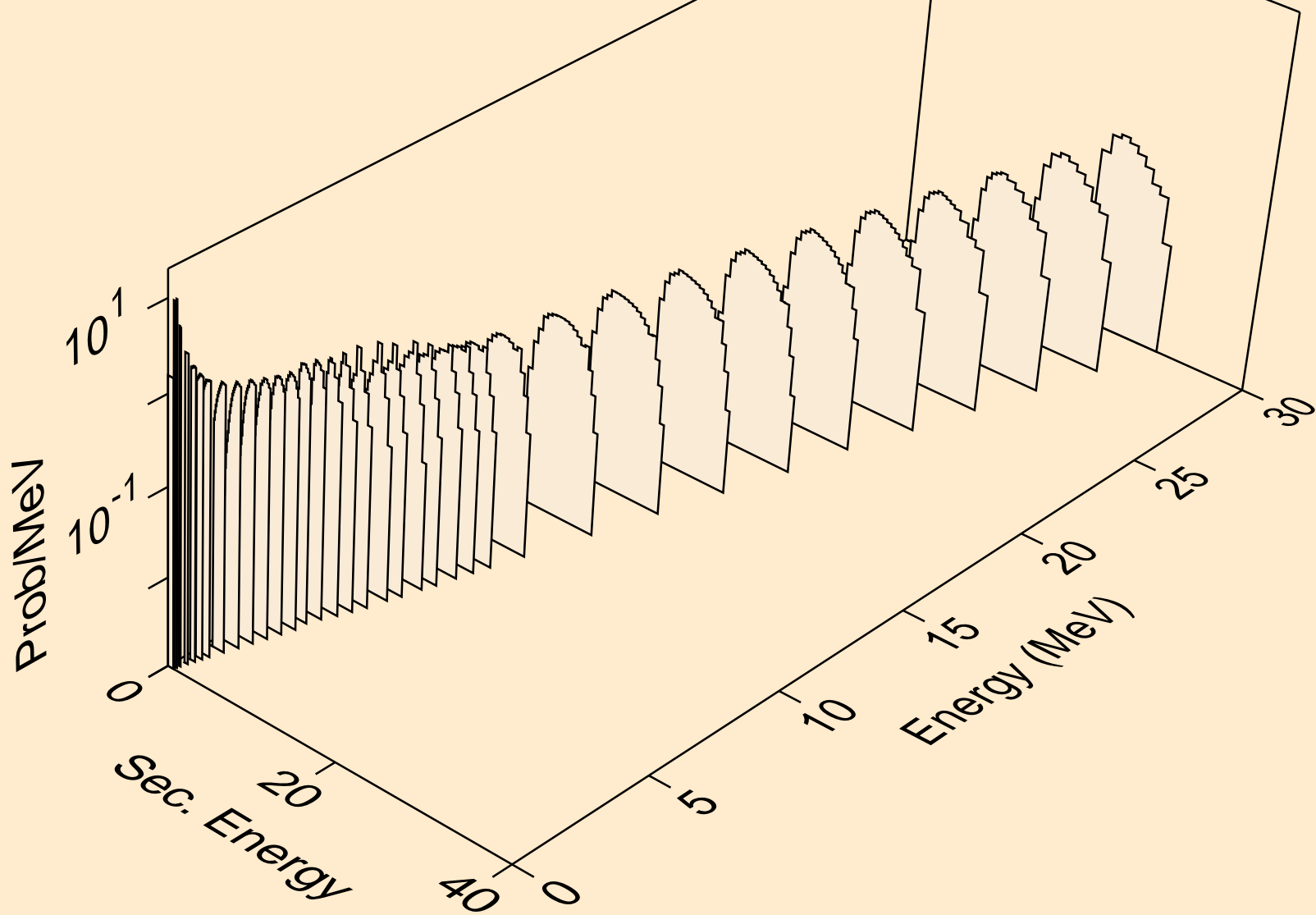
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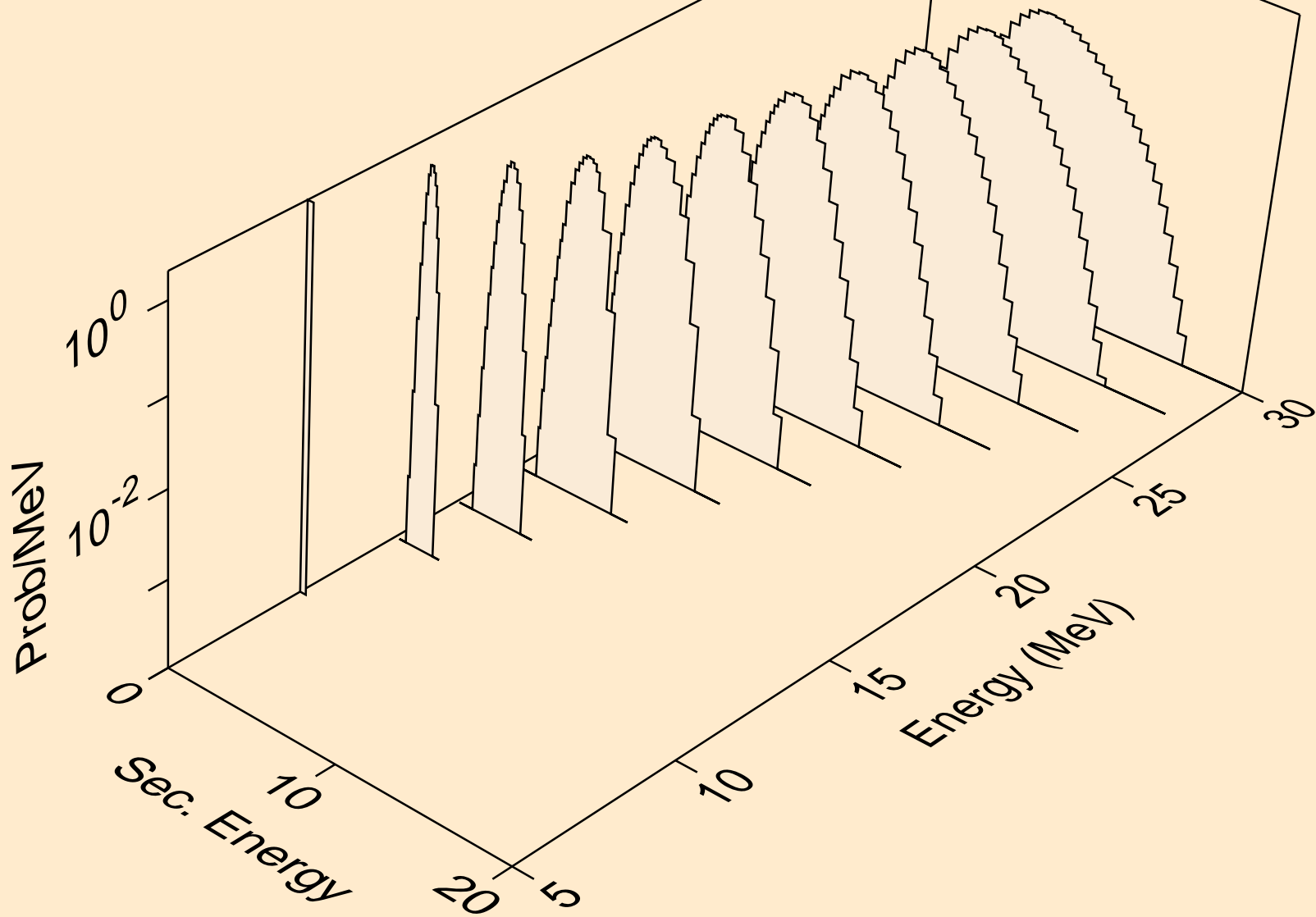
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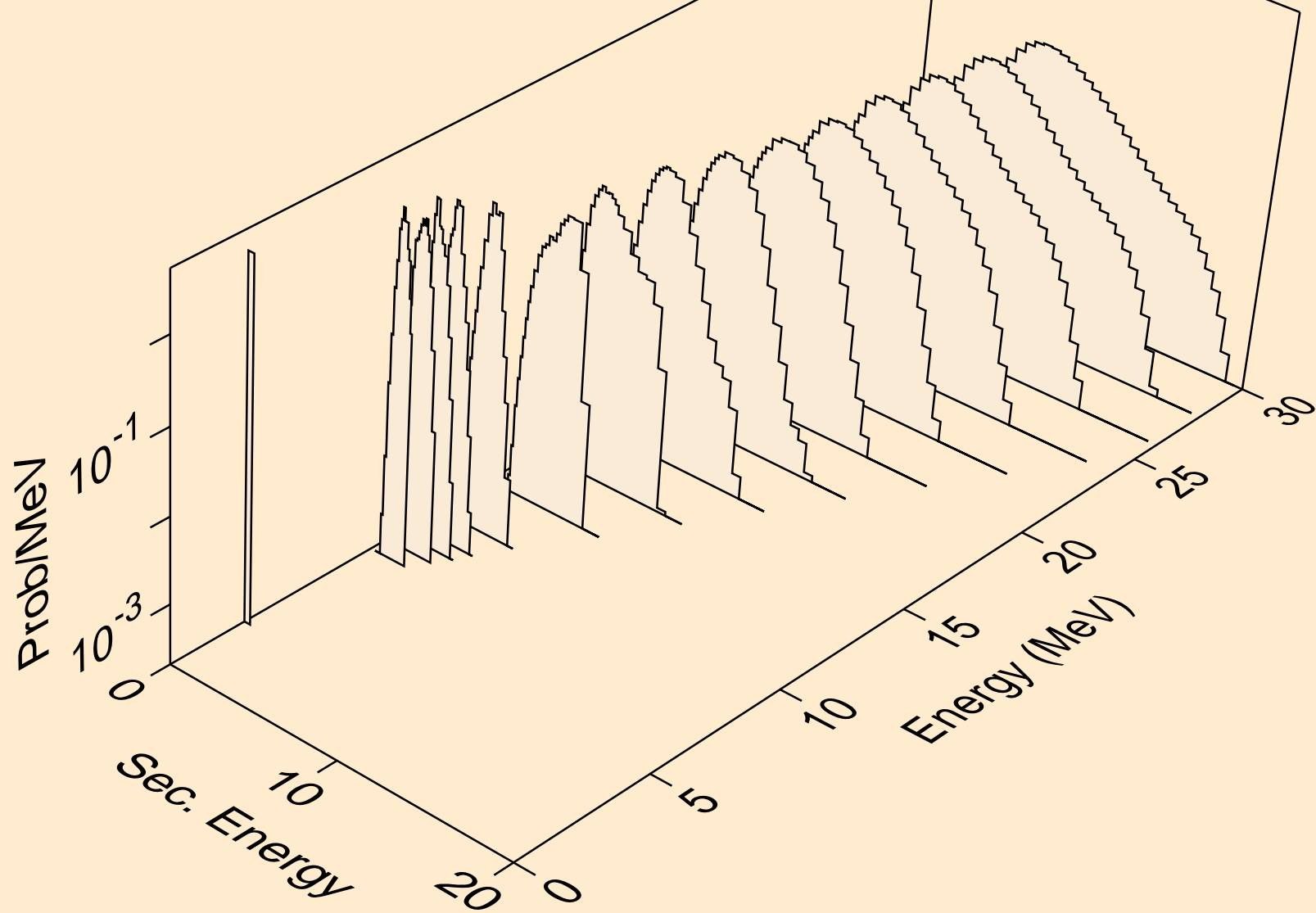
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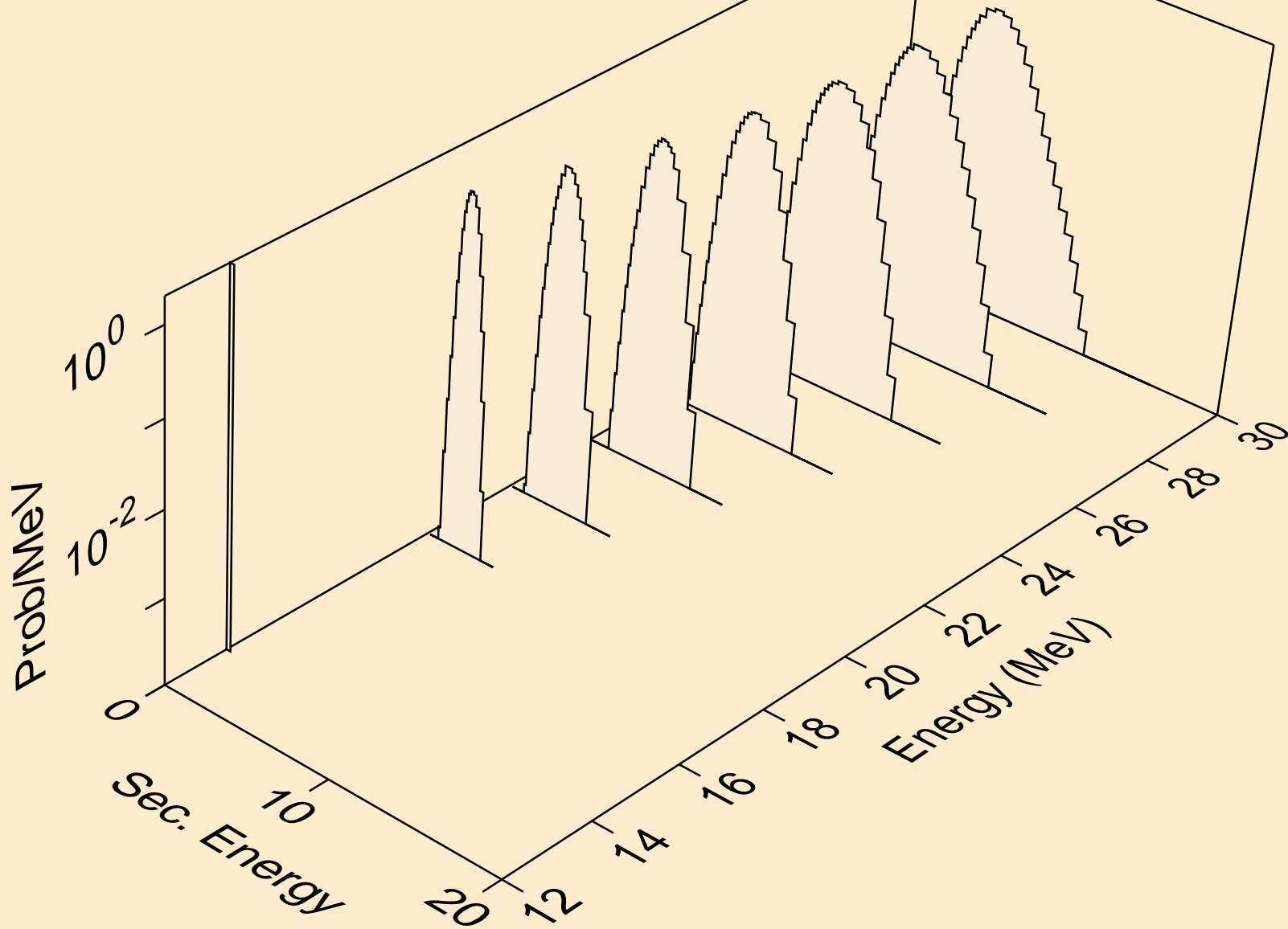
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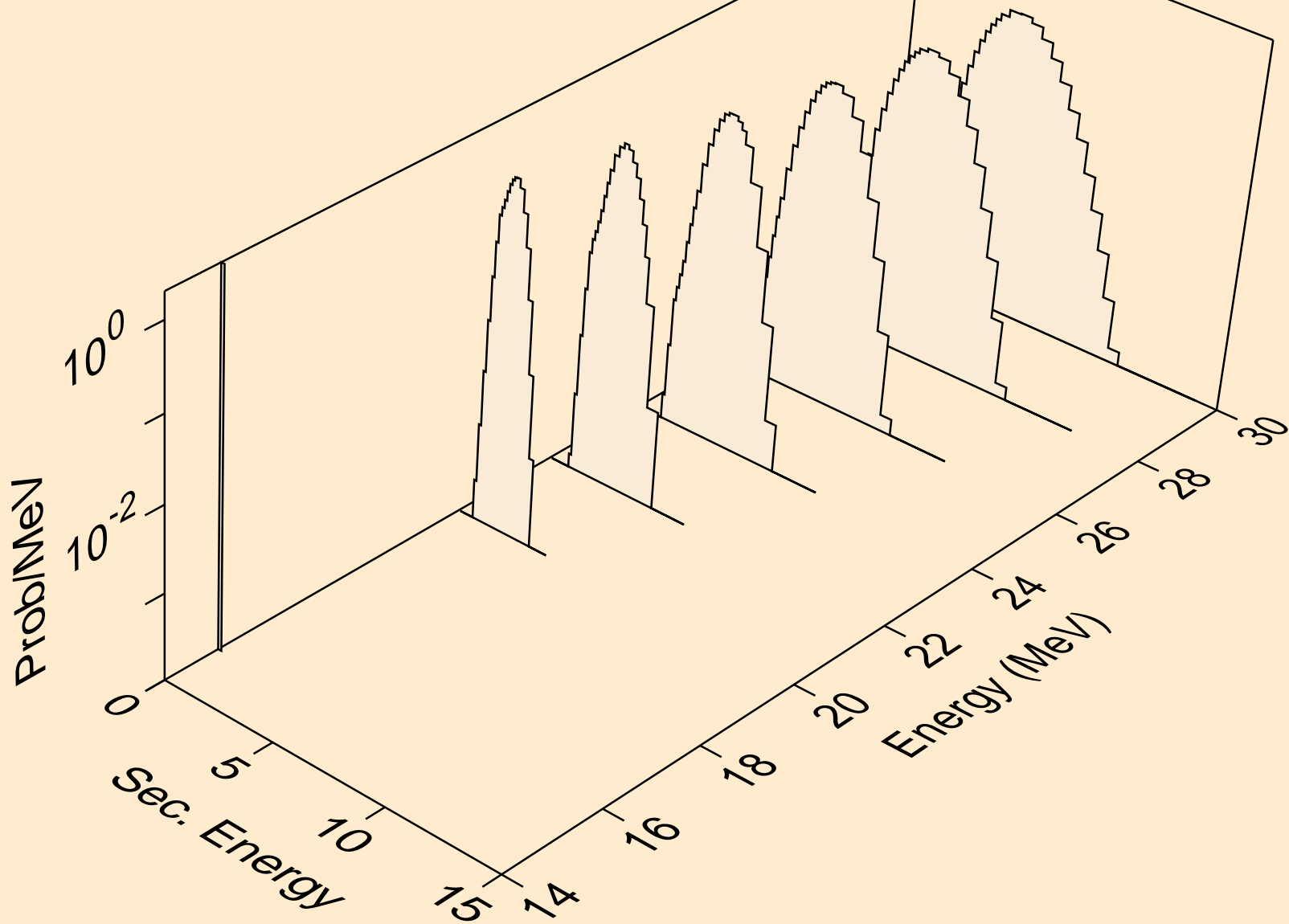
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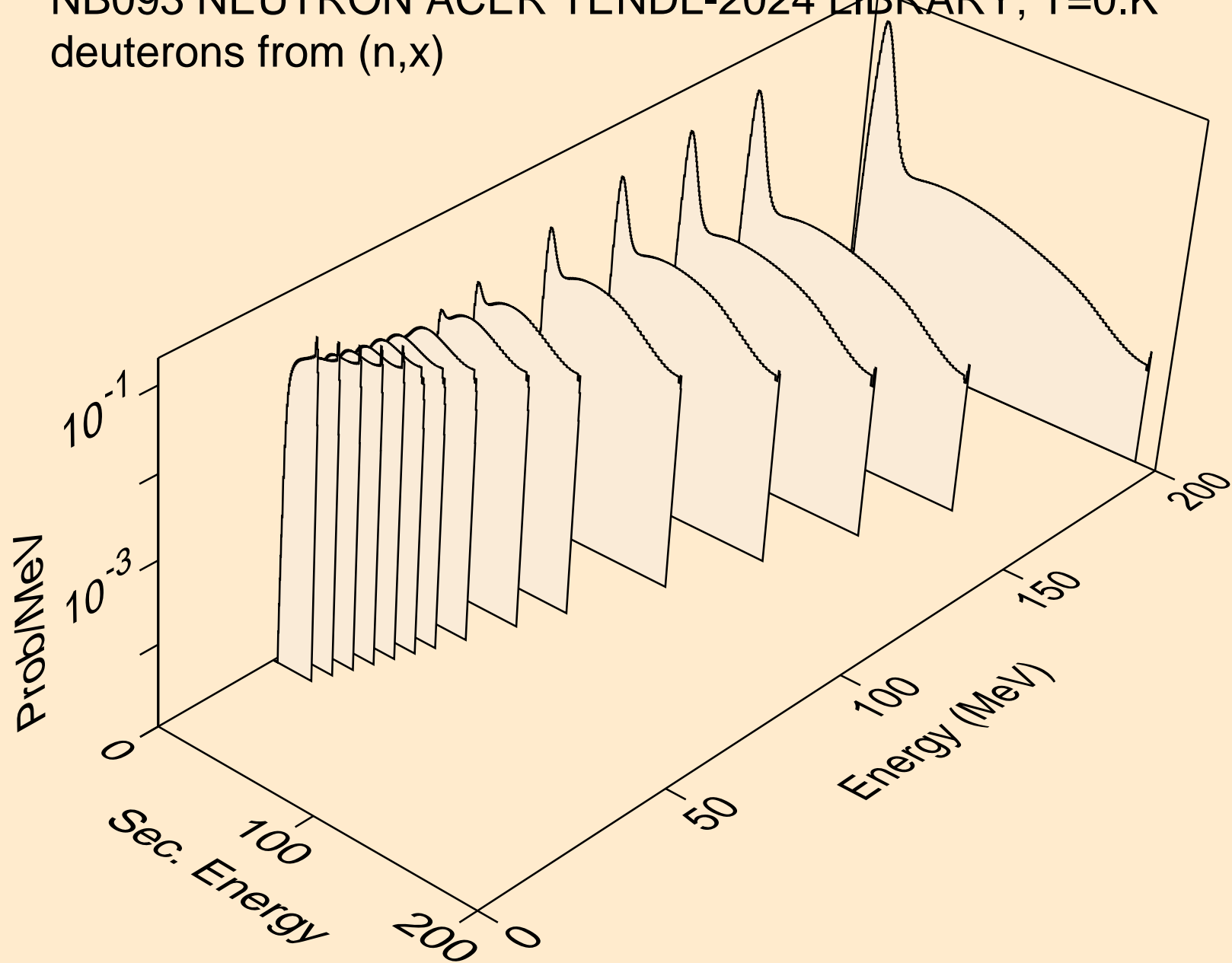
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protons from (n,pd)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

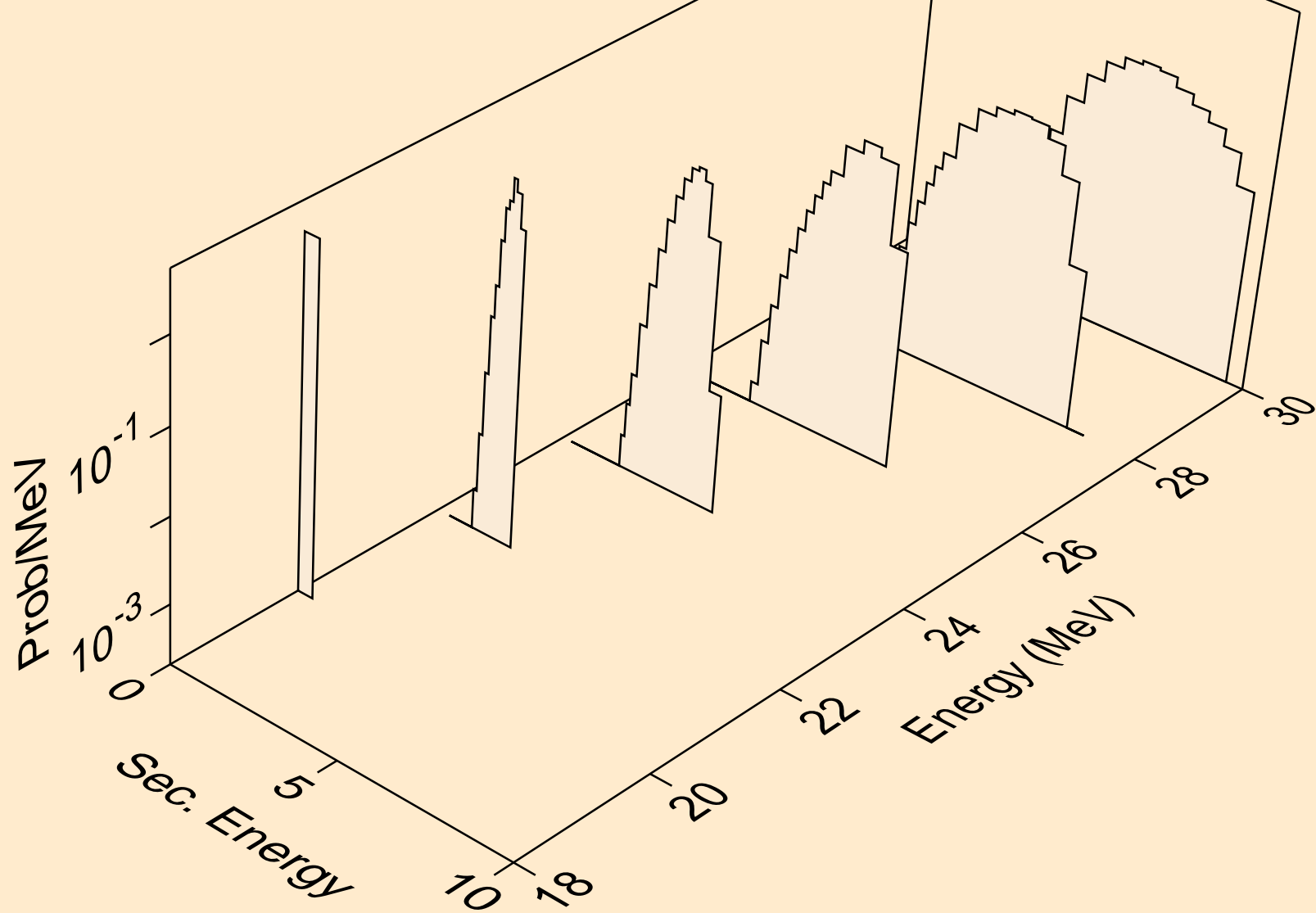


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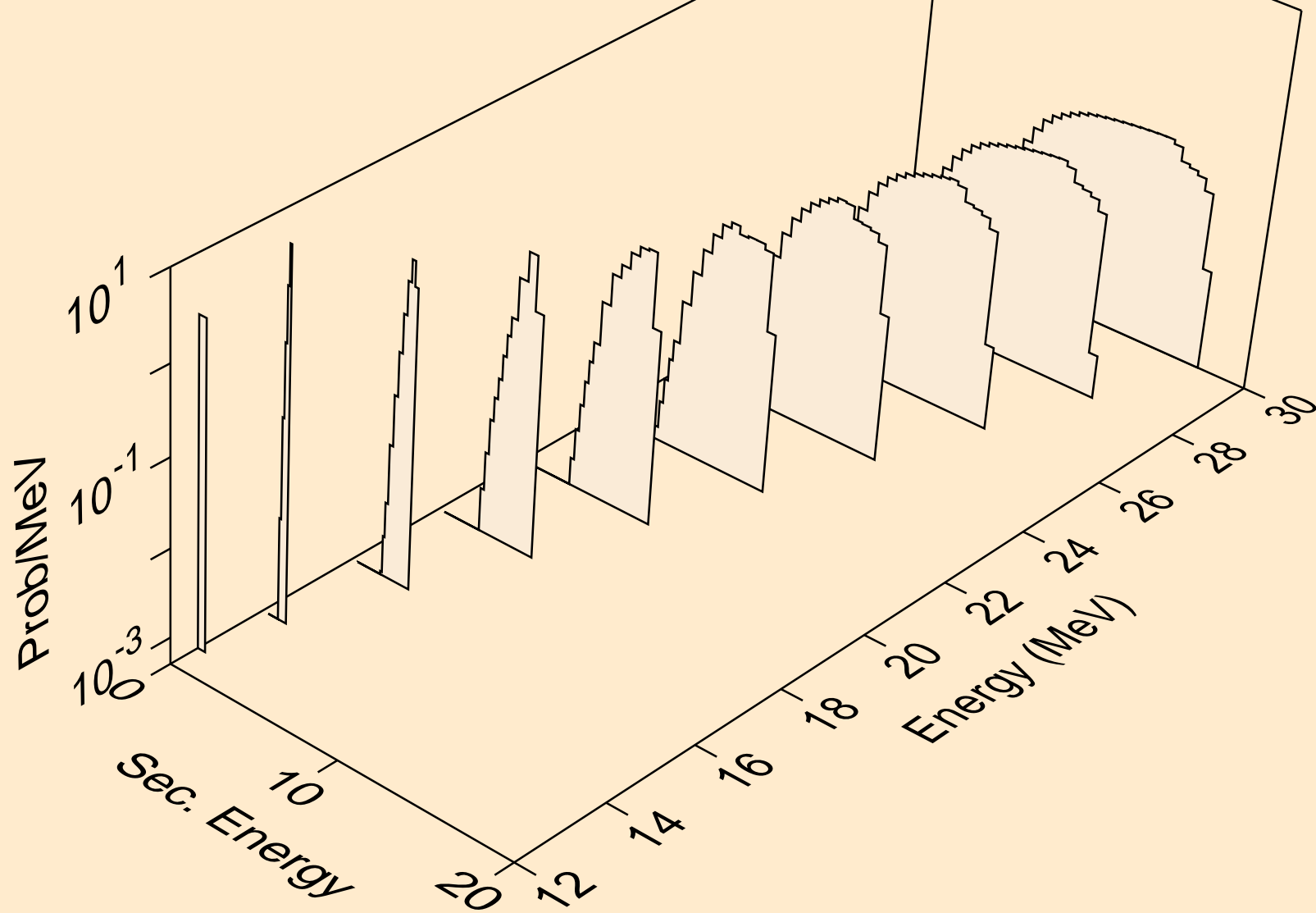




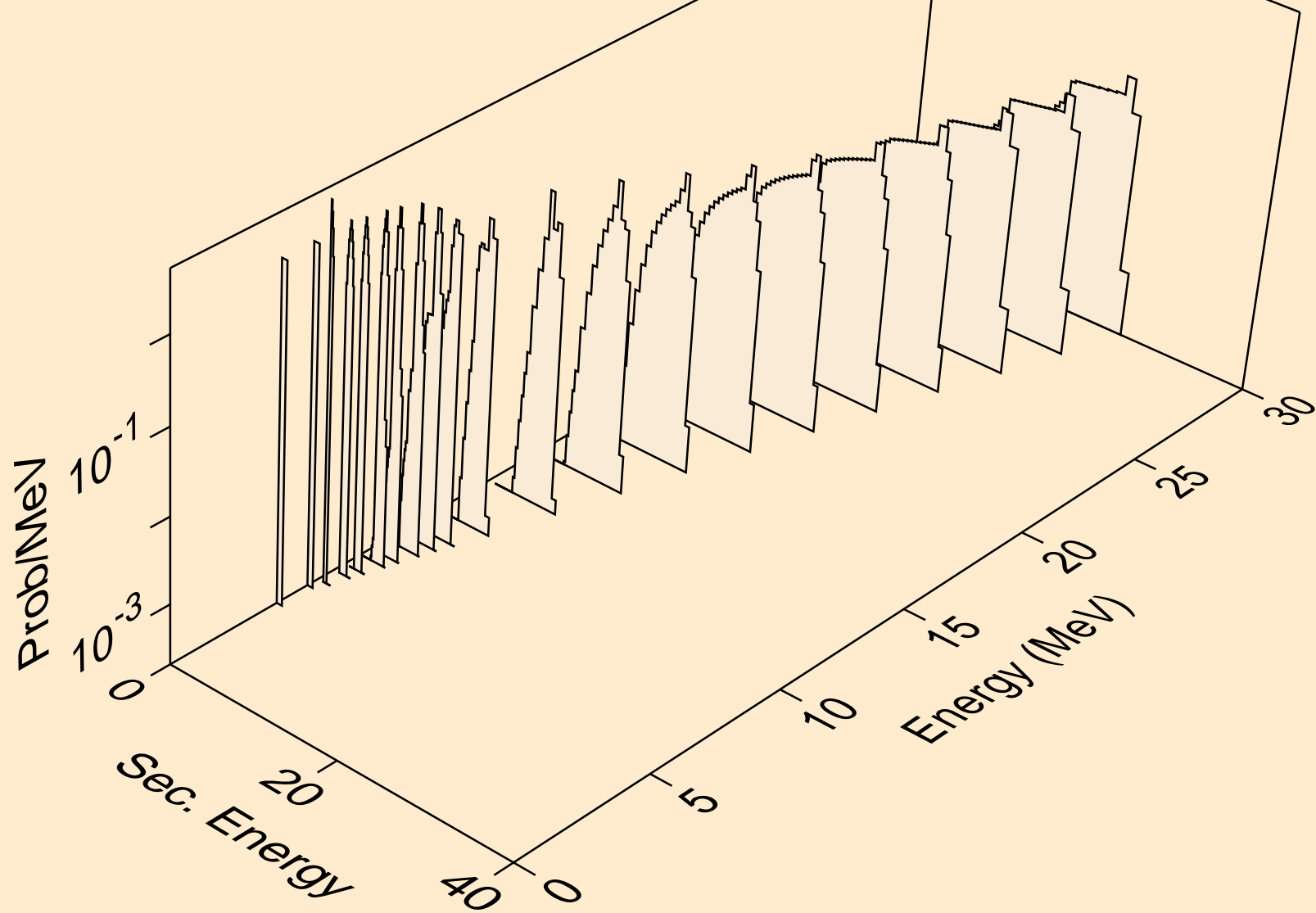
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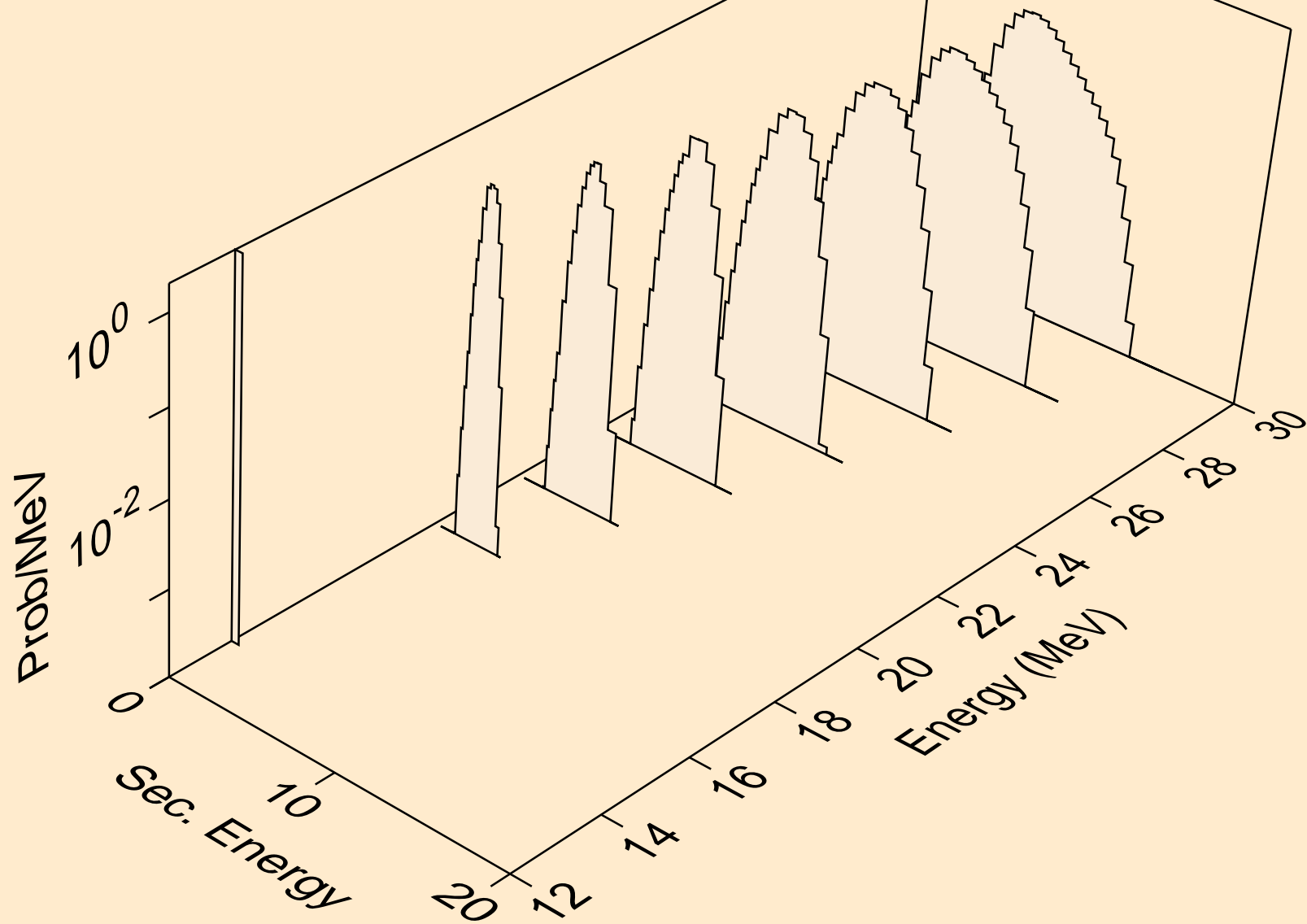
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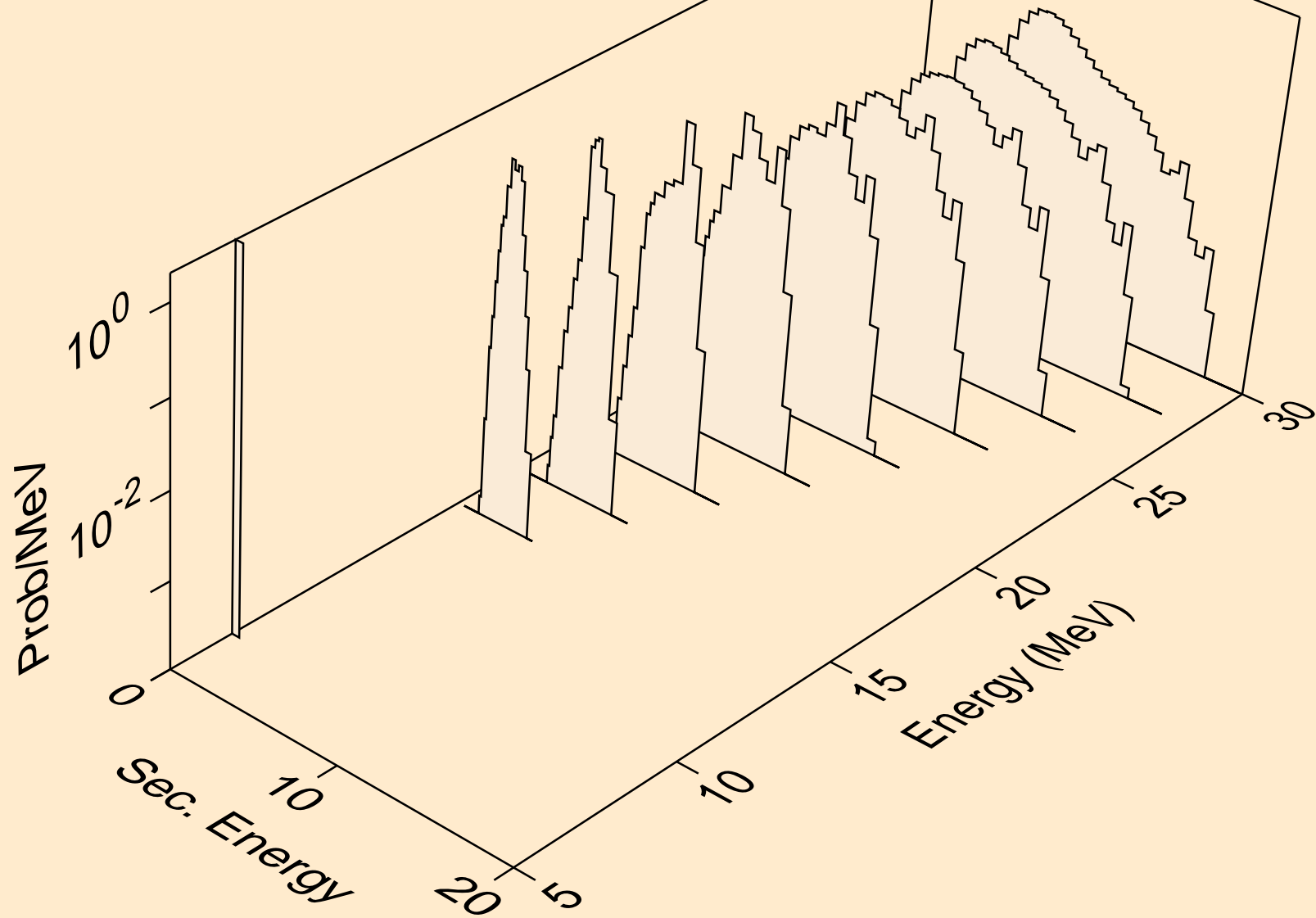
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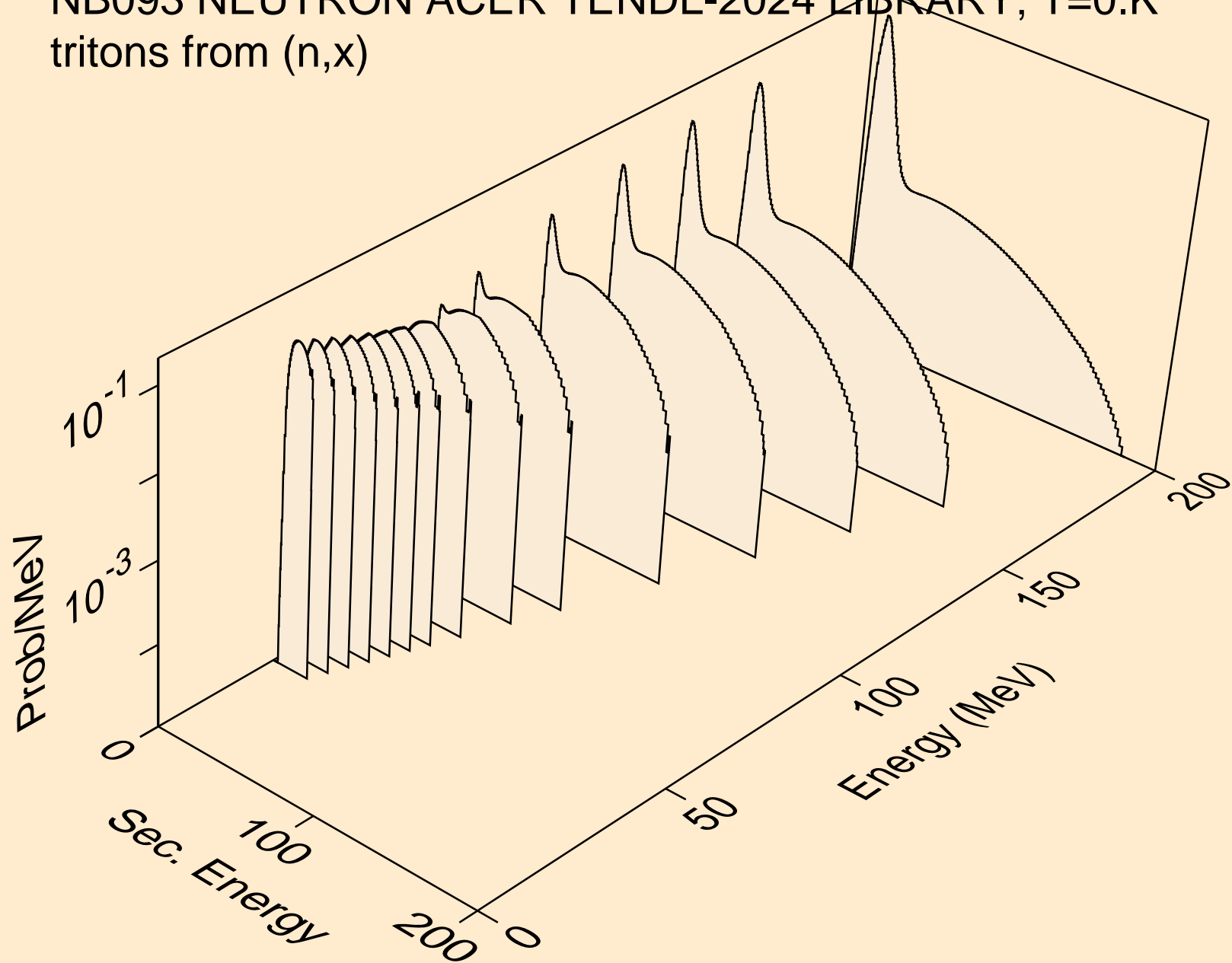
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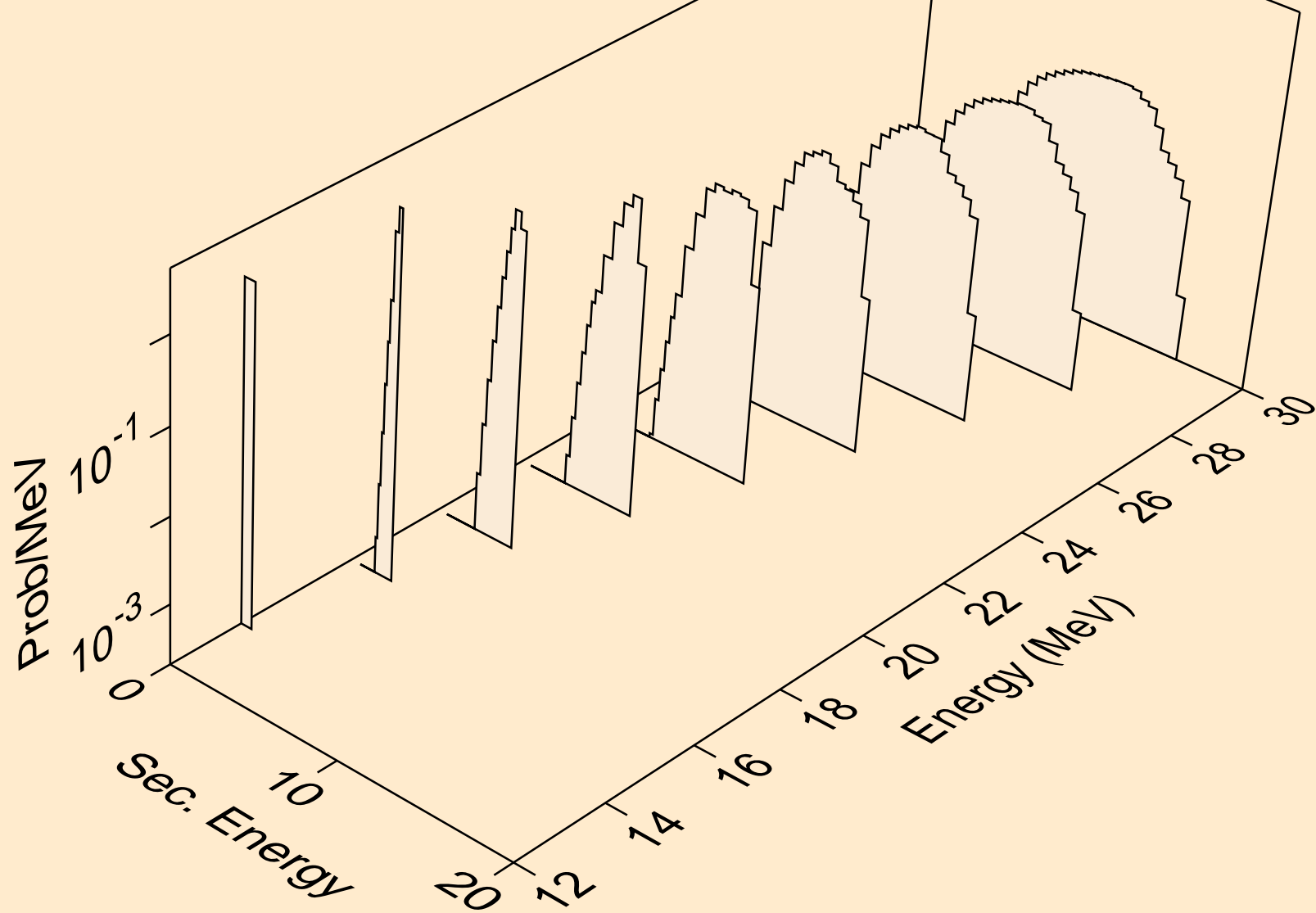
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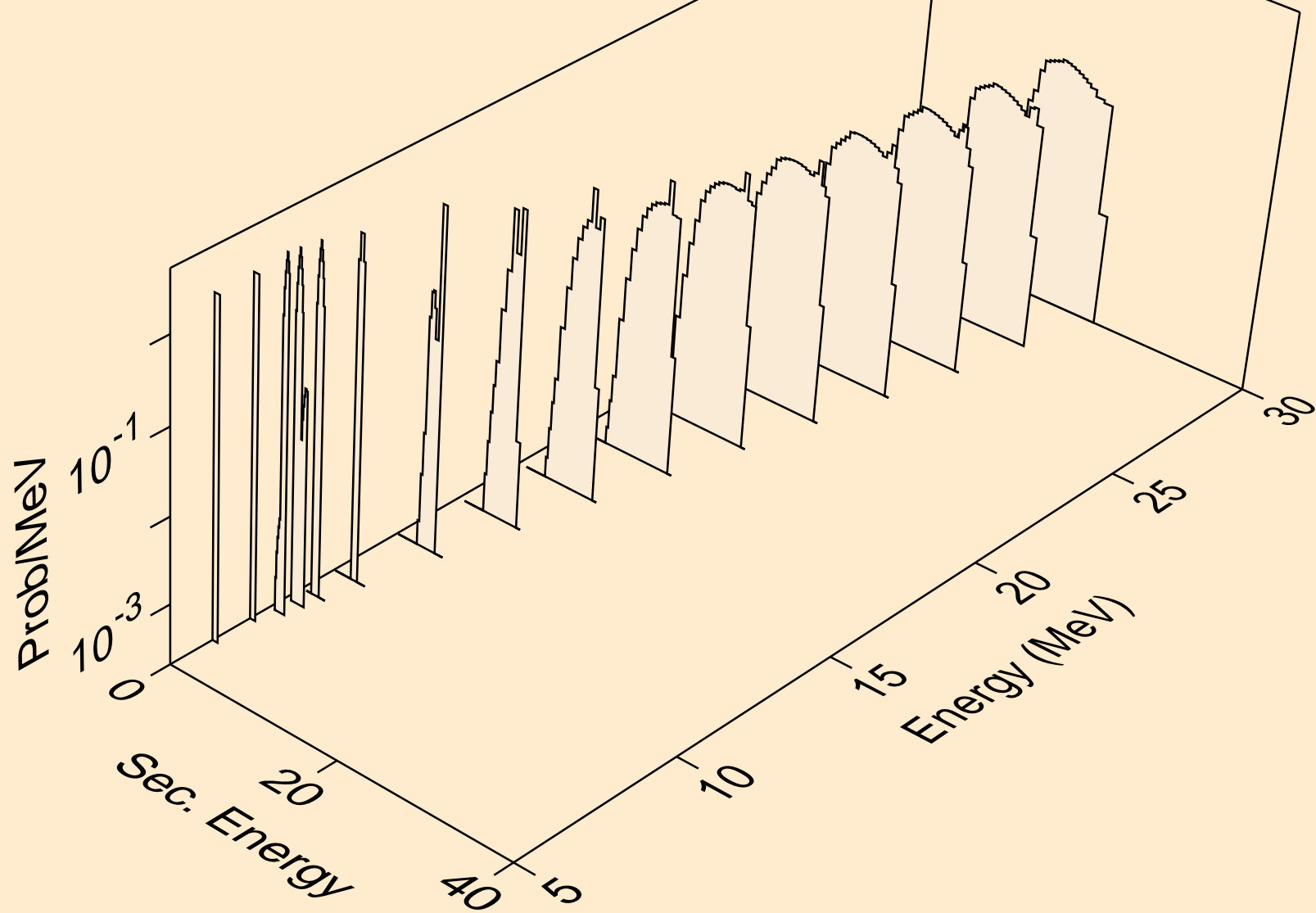
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

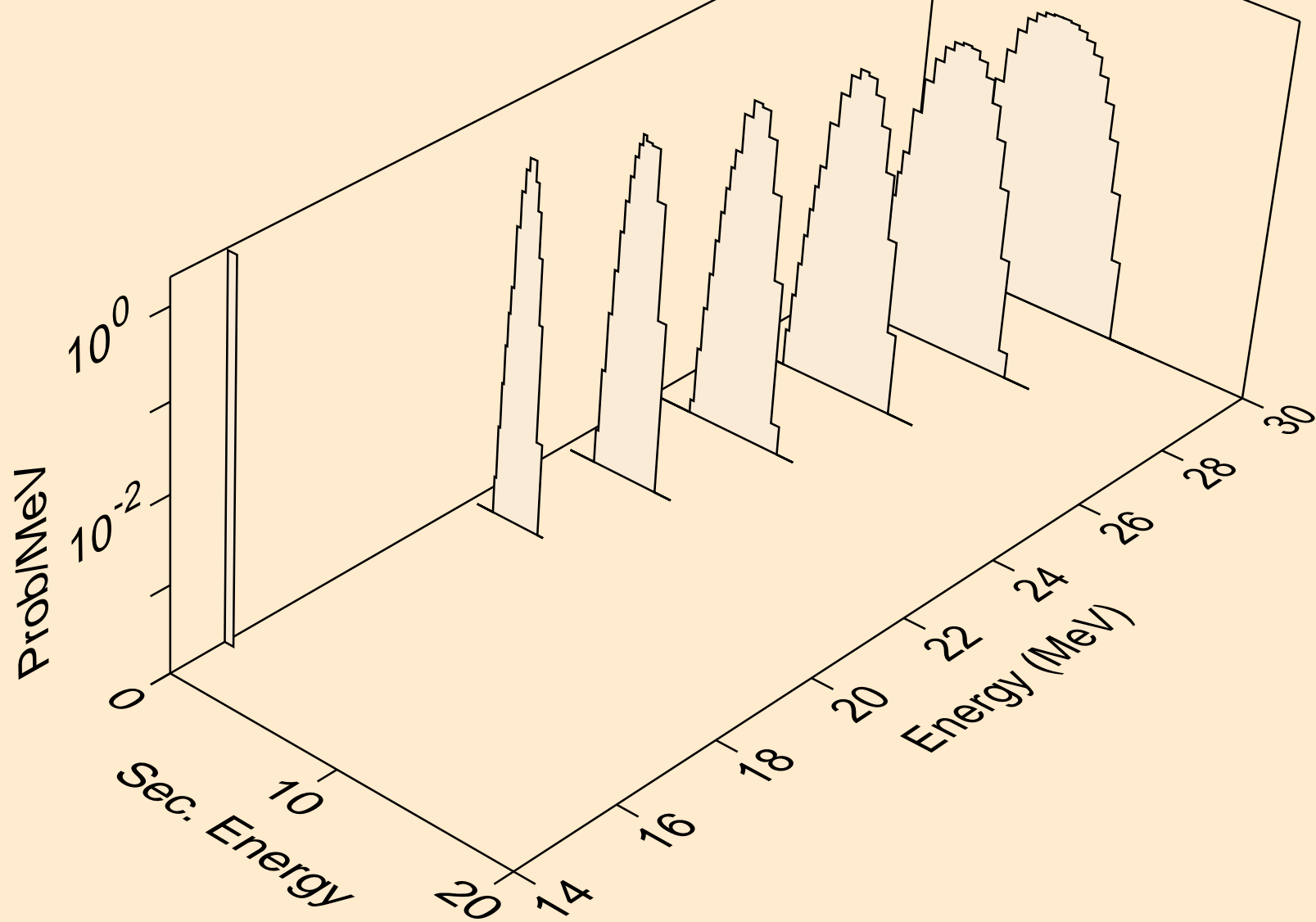


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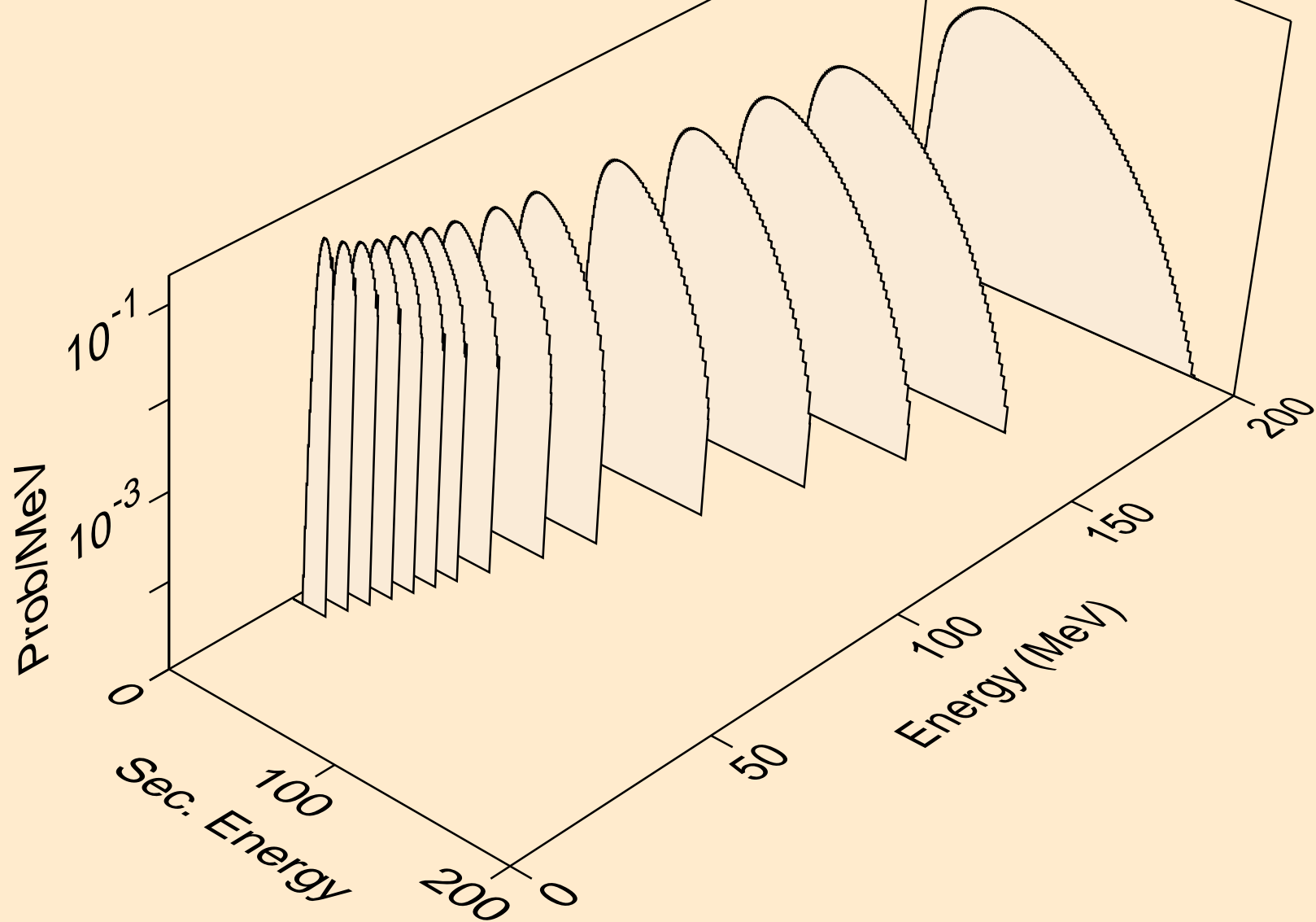




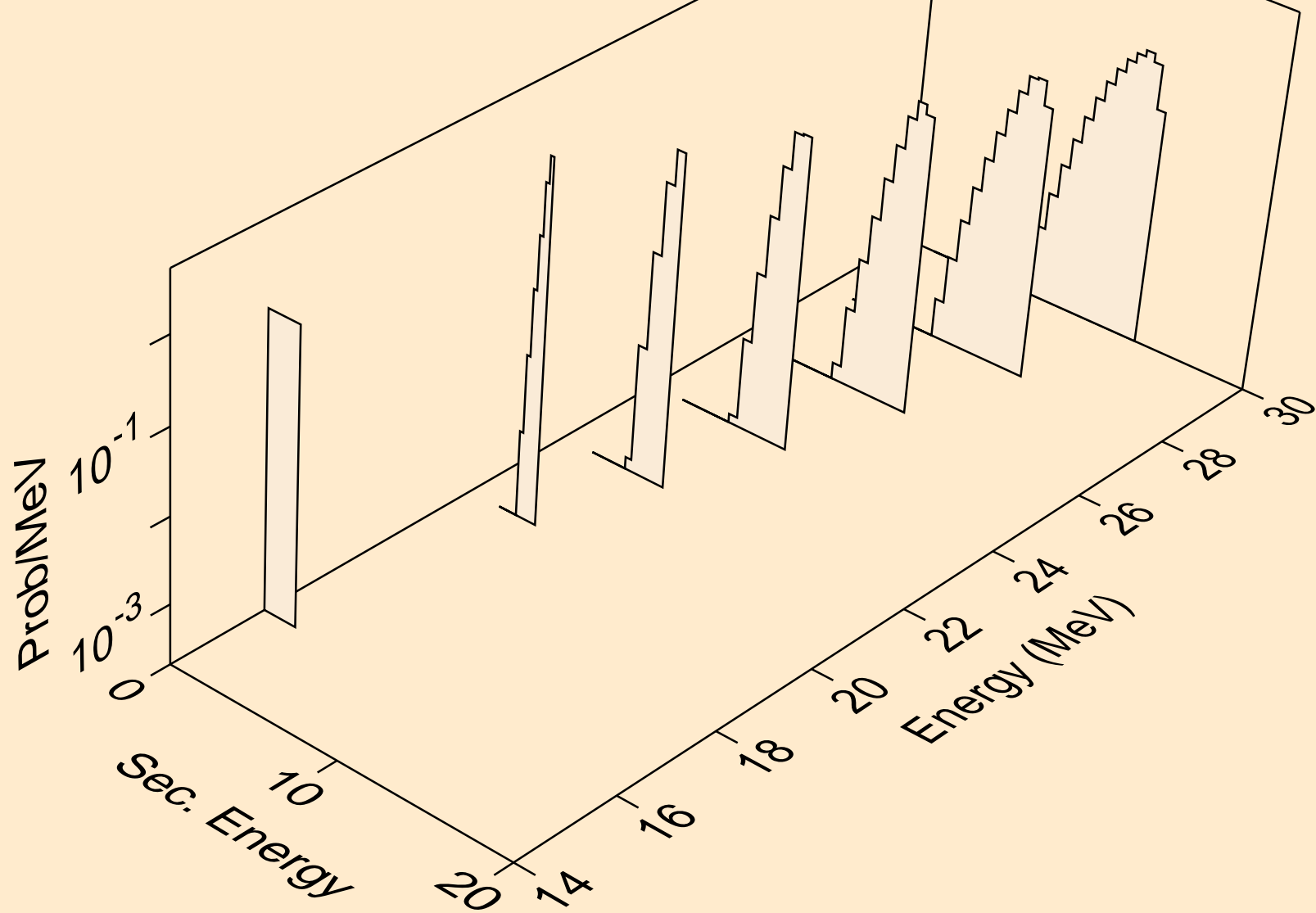
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tritons from (n,pt)



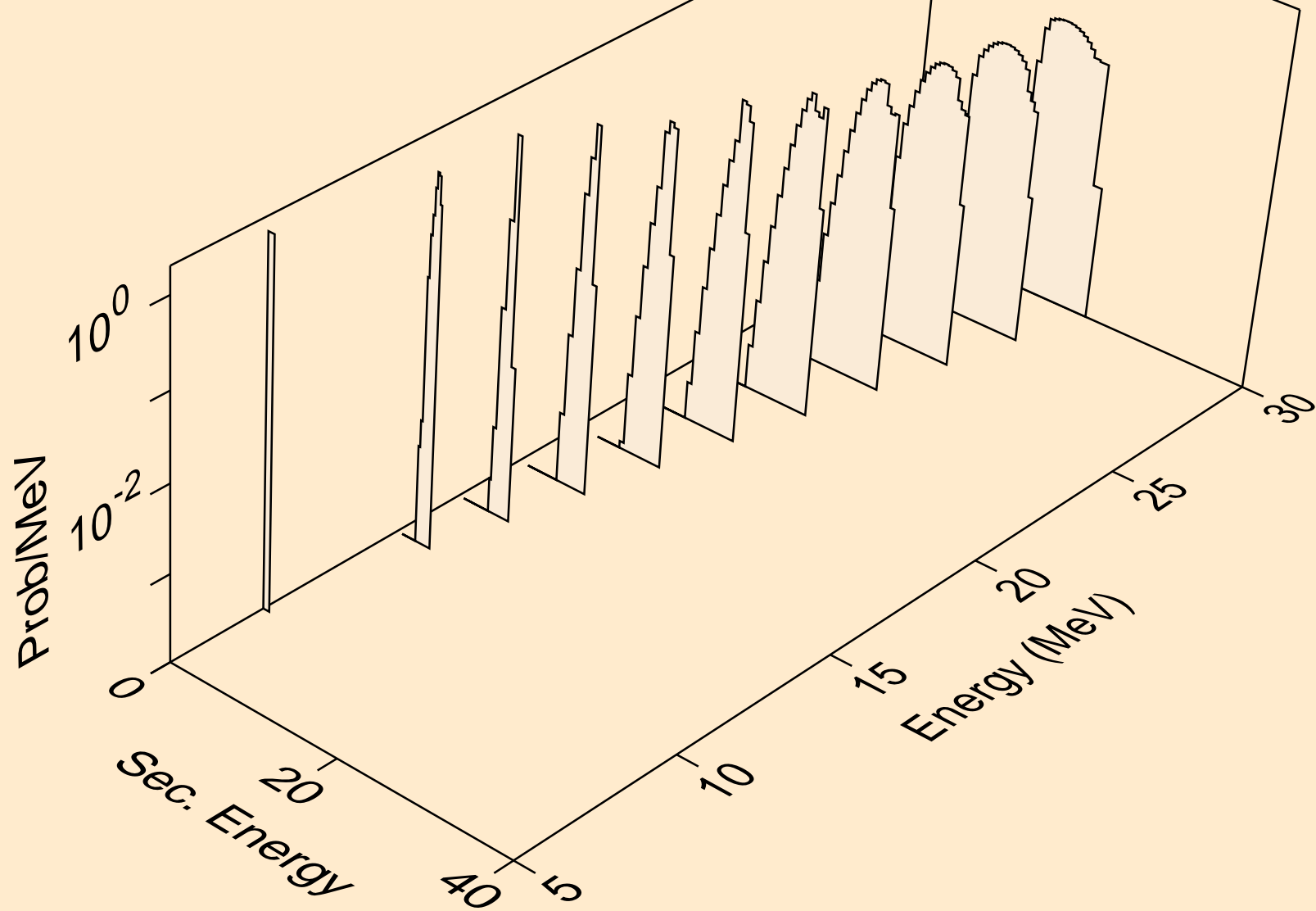
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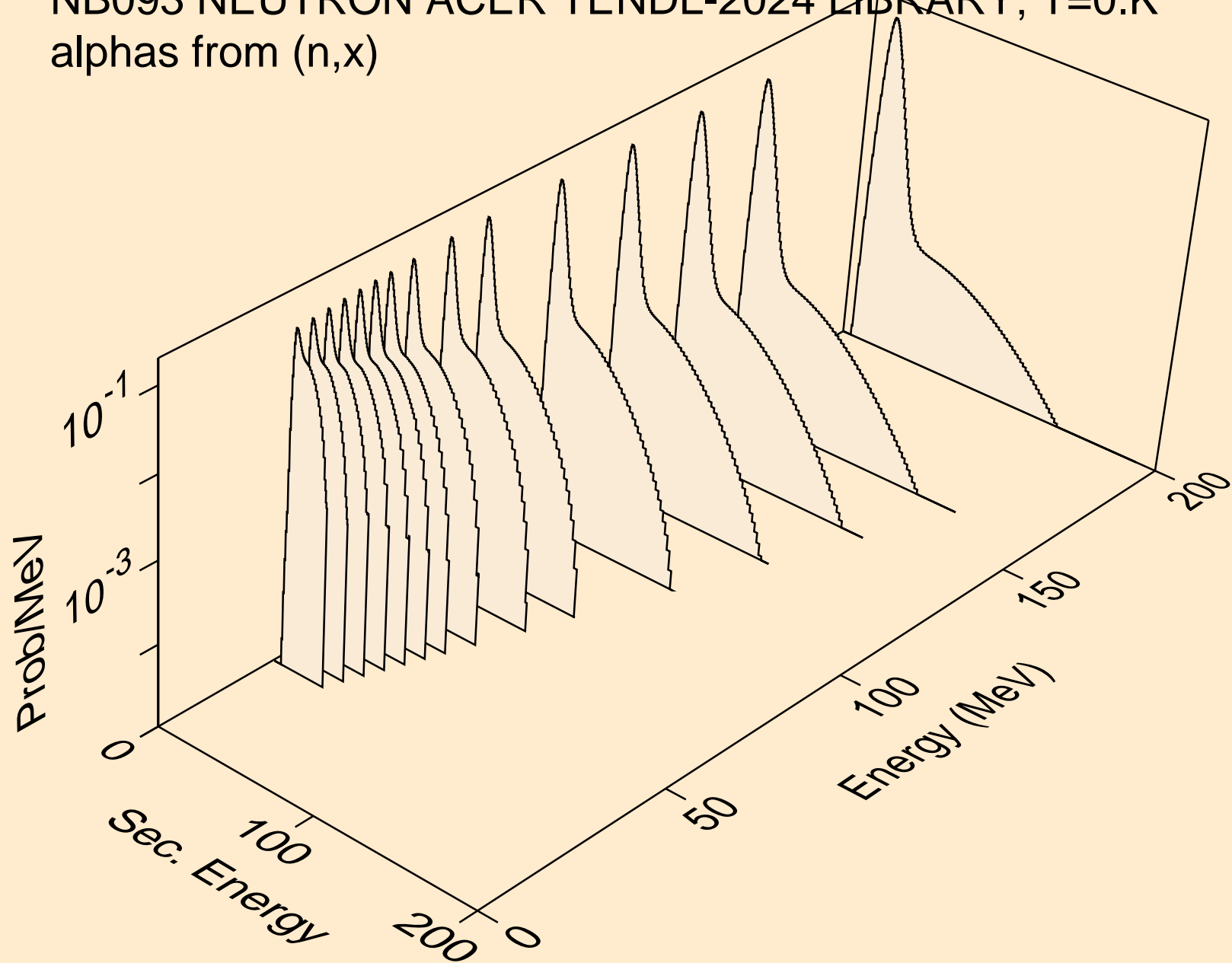
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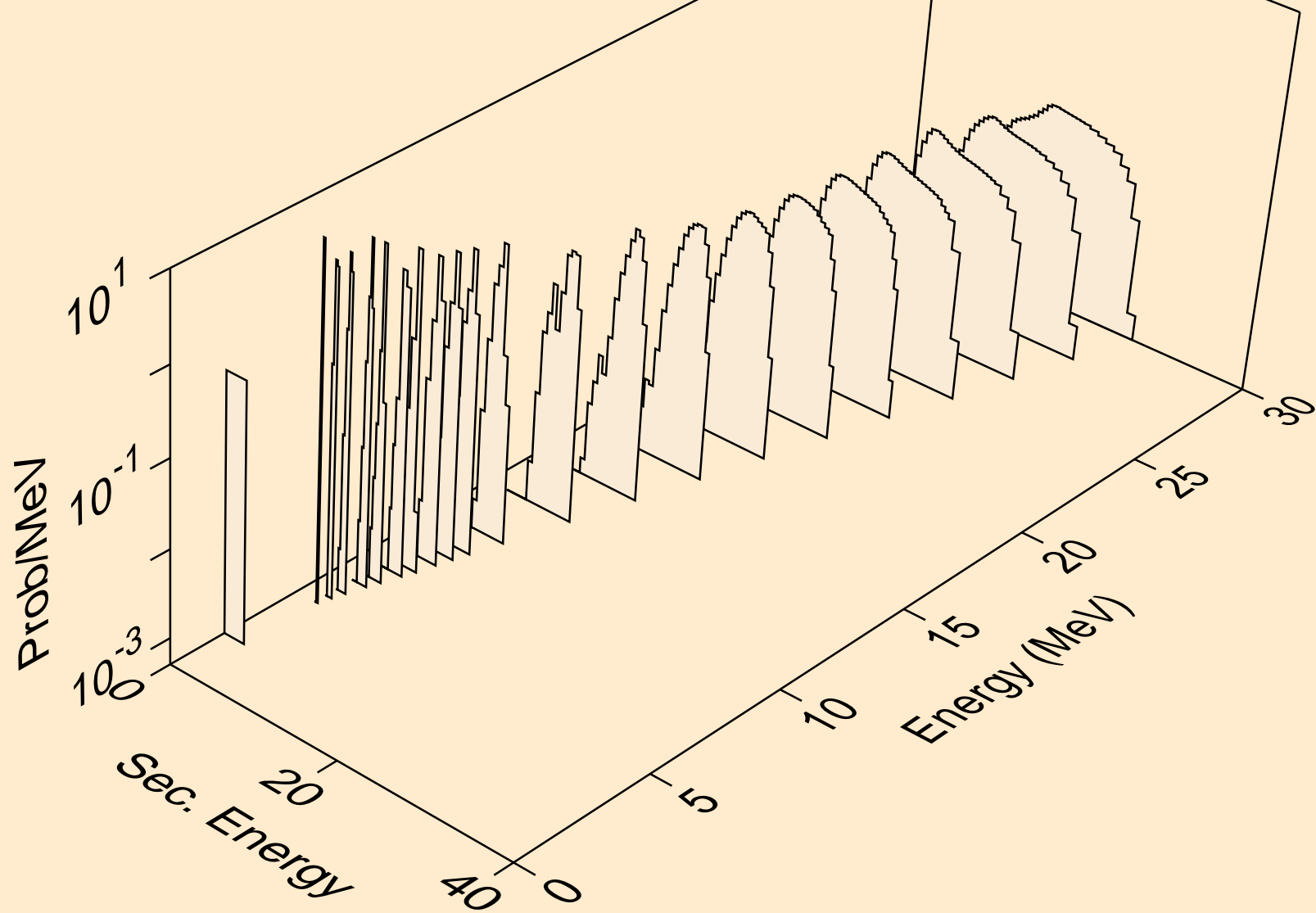
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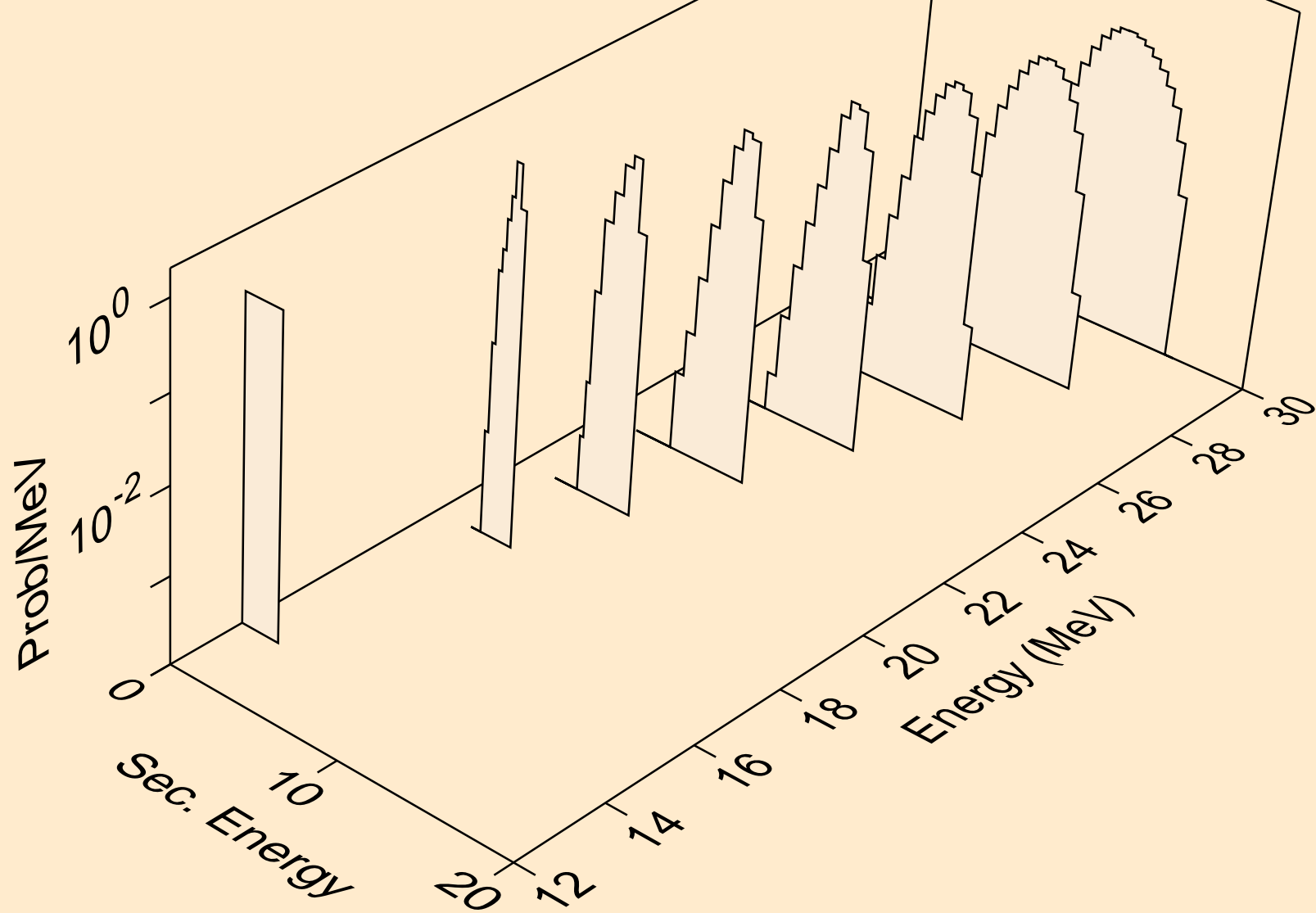
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alphas from (n,x)



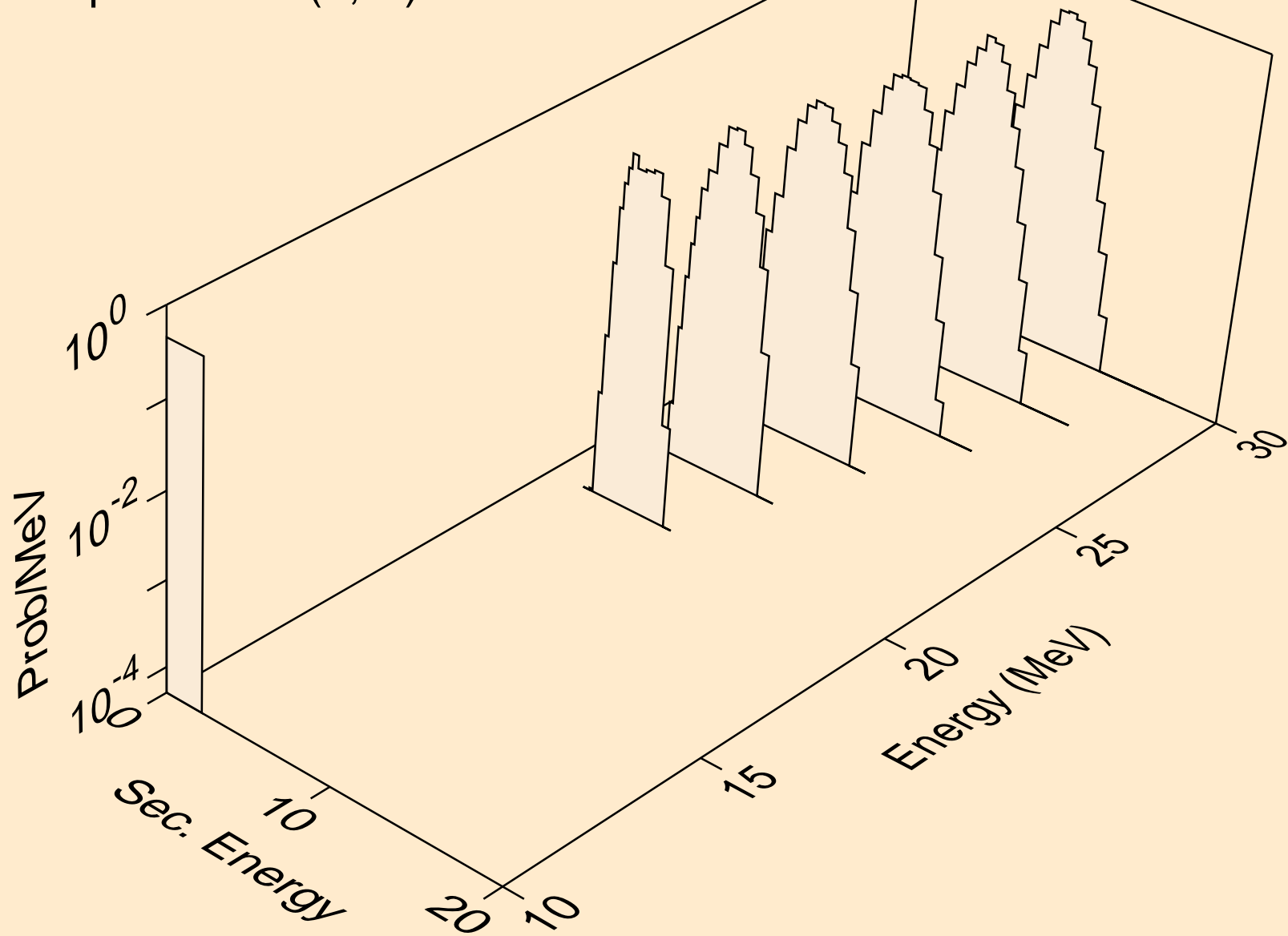
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

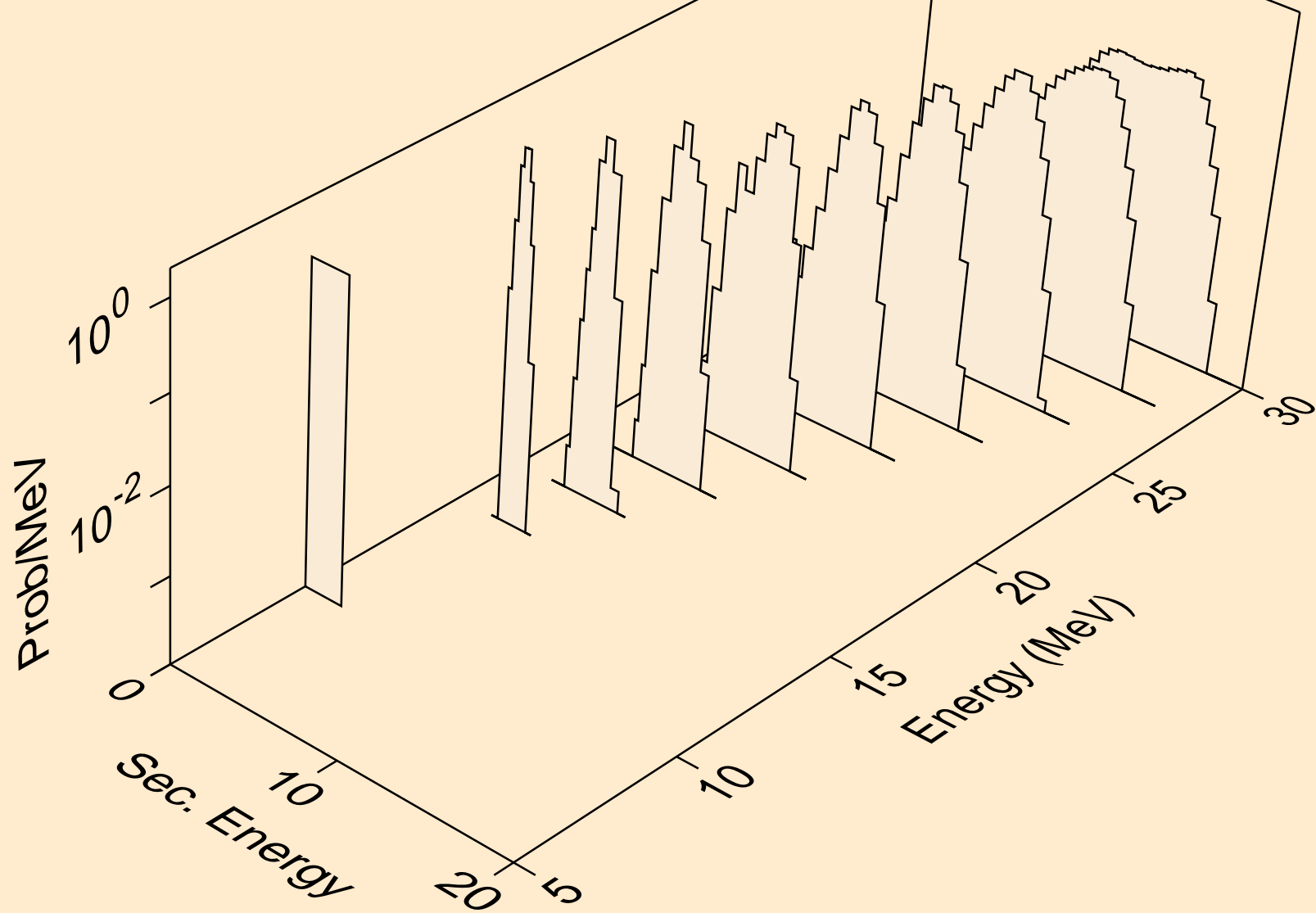


NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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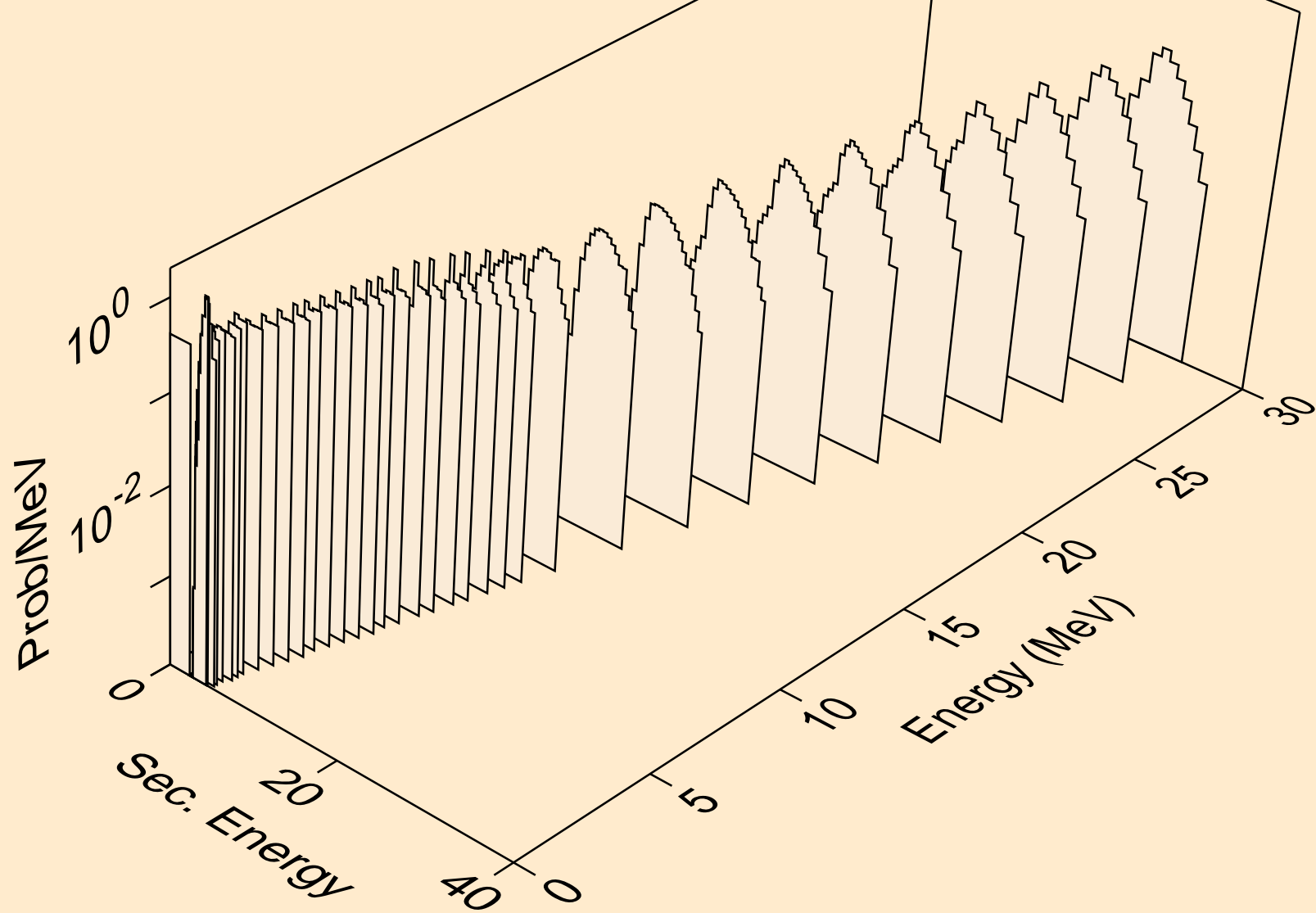




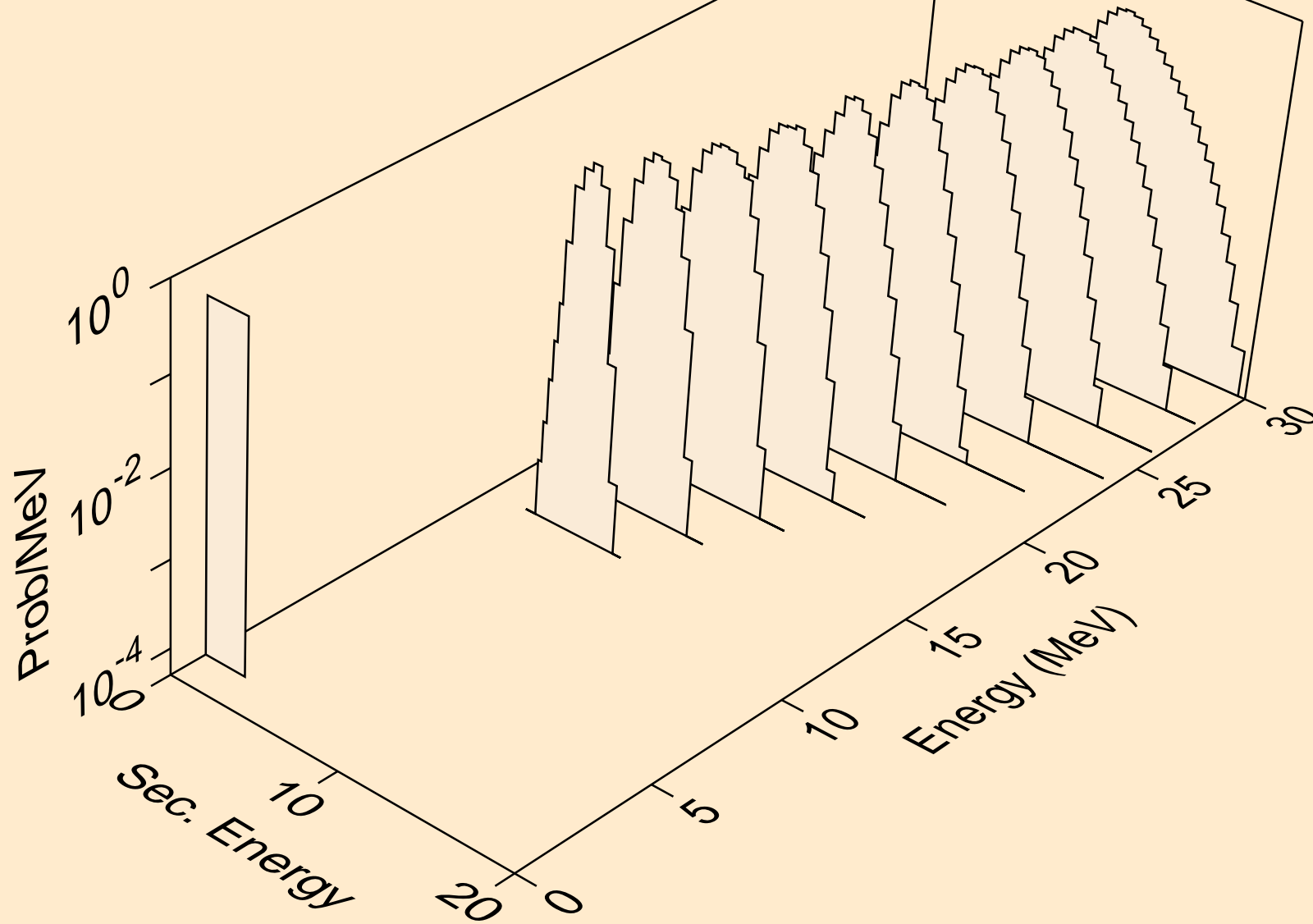
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



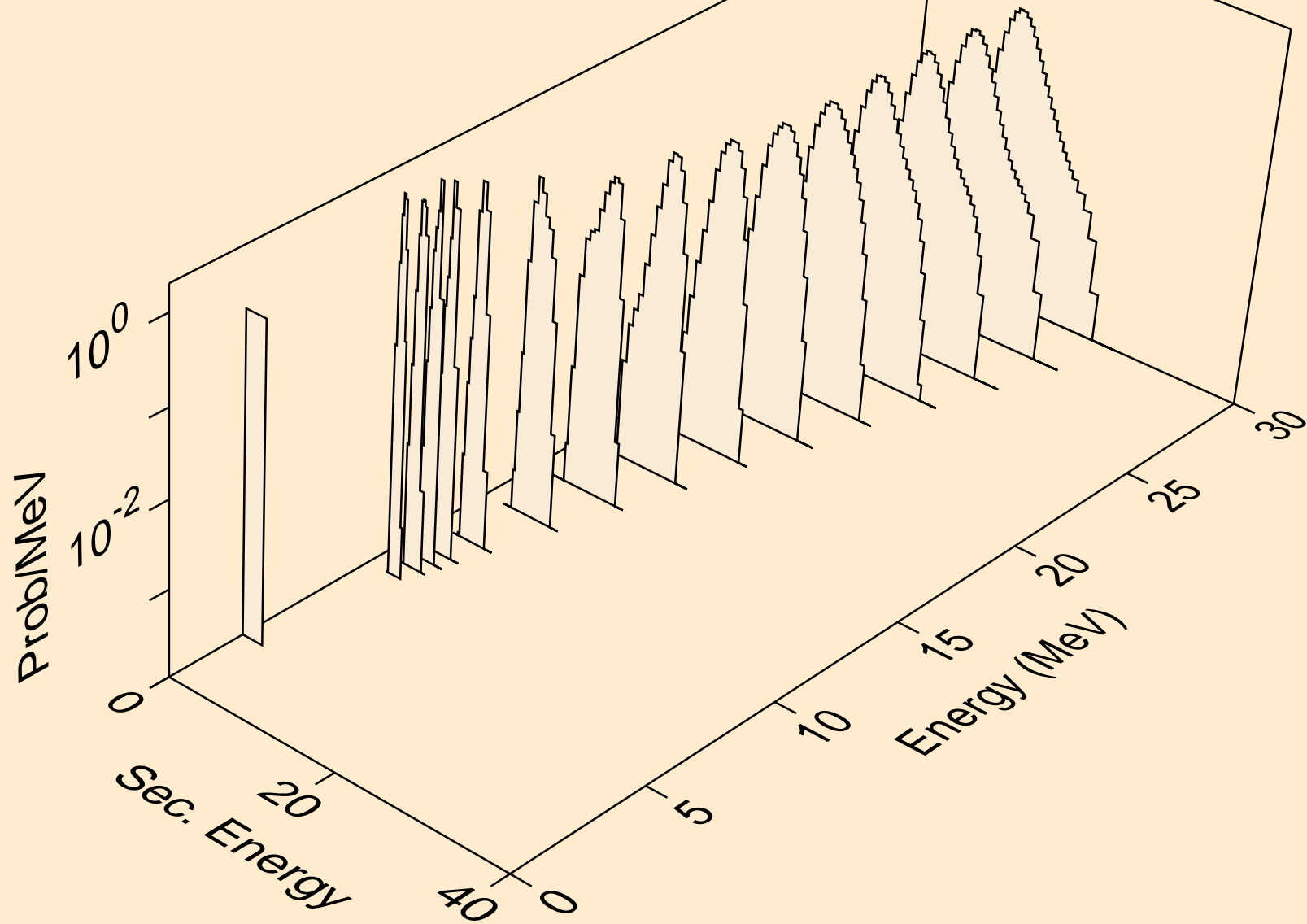
NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



NB093 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

