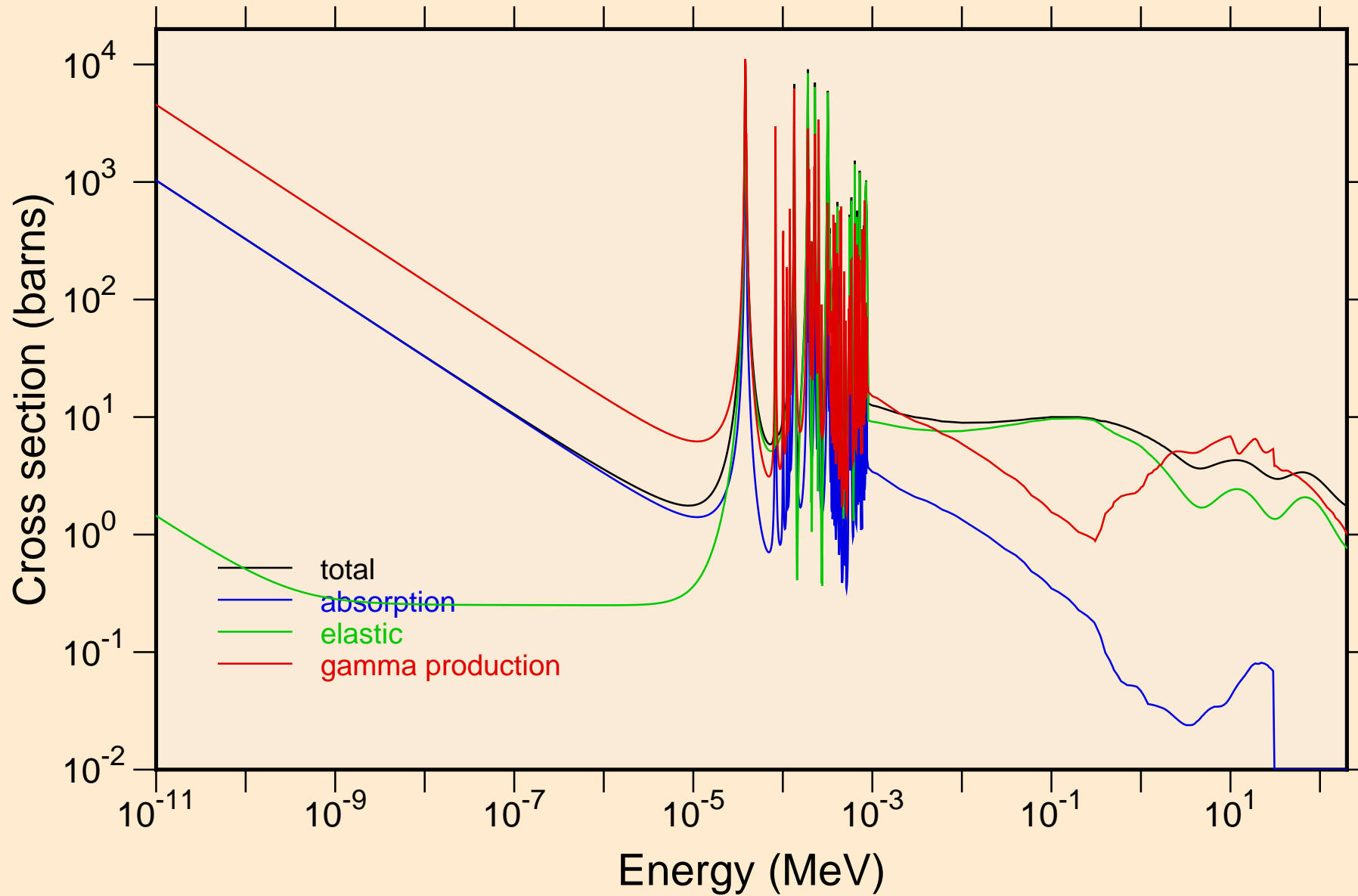
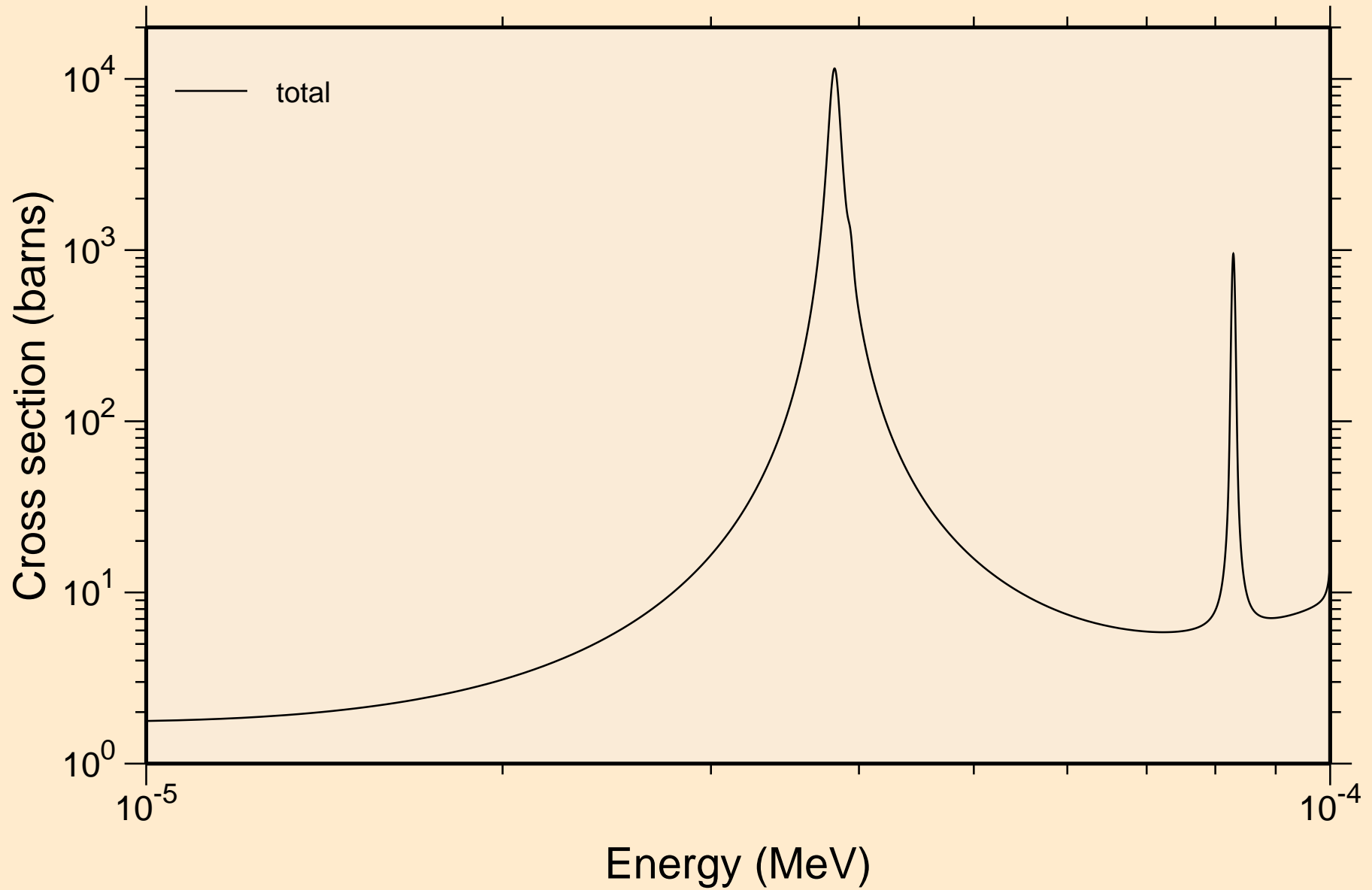


# RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

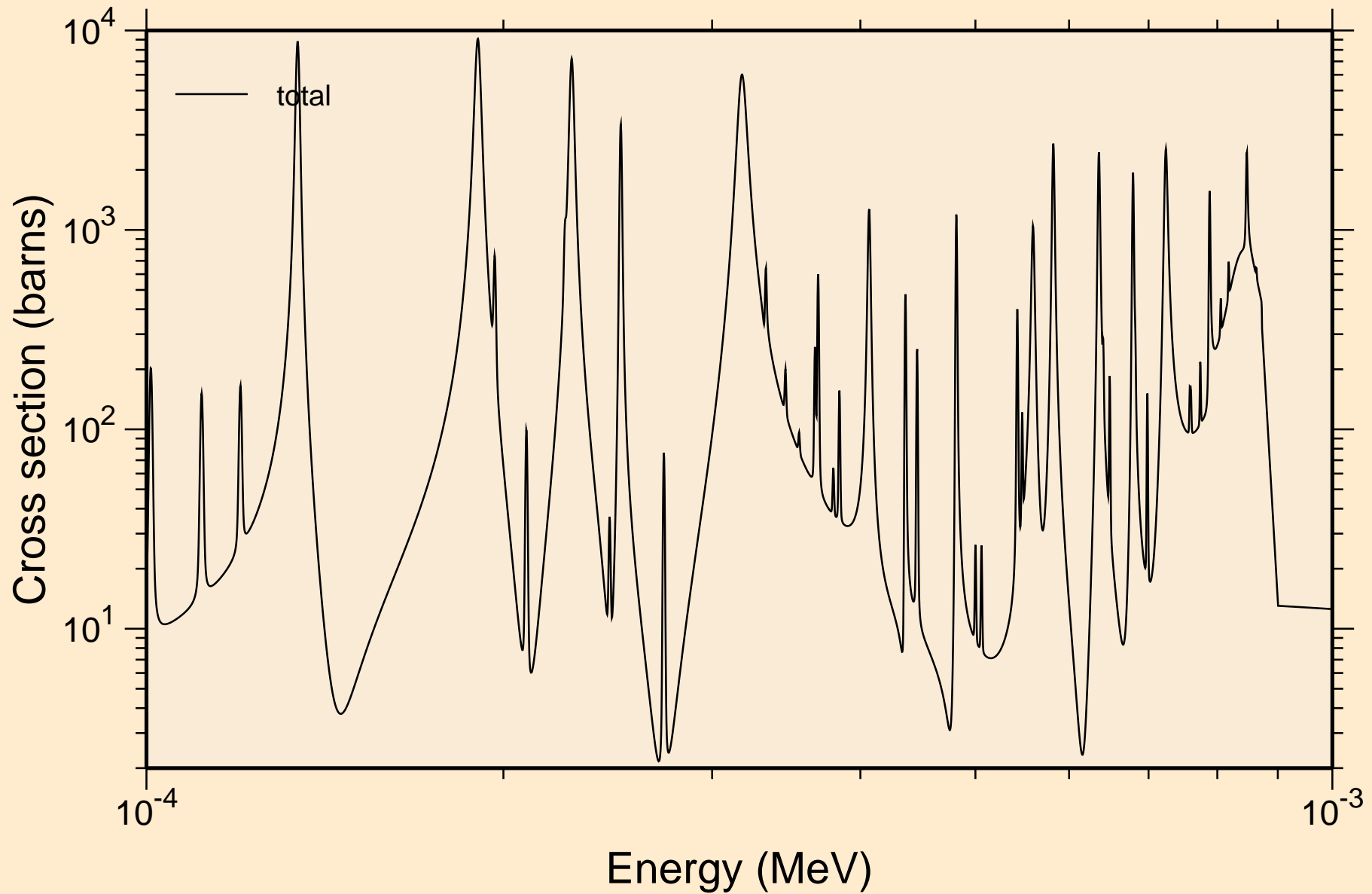
## Principal cross sections



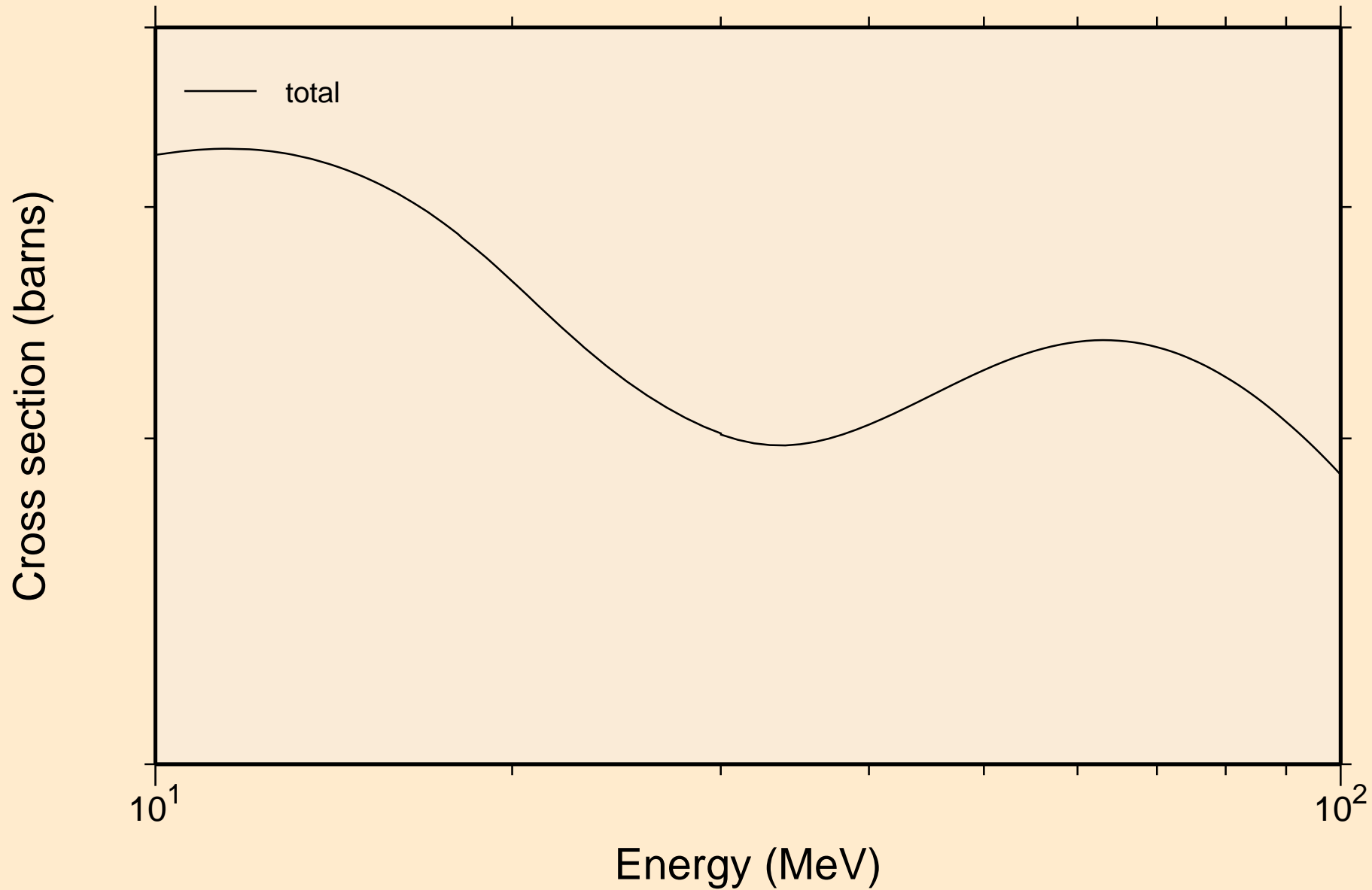
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



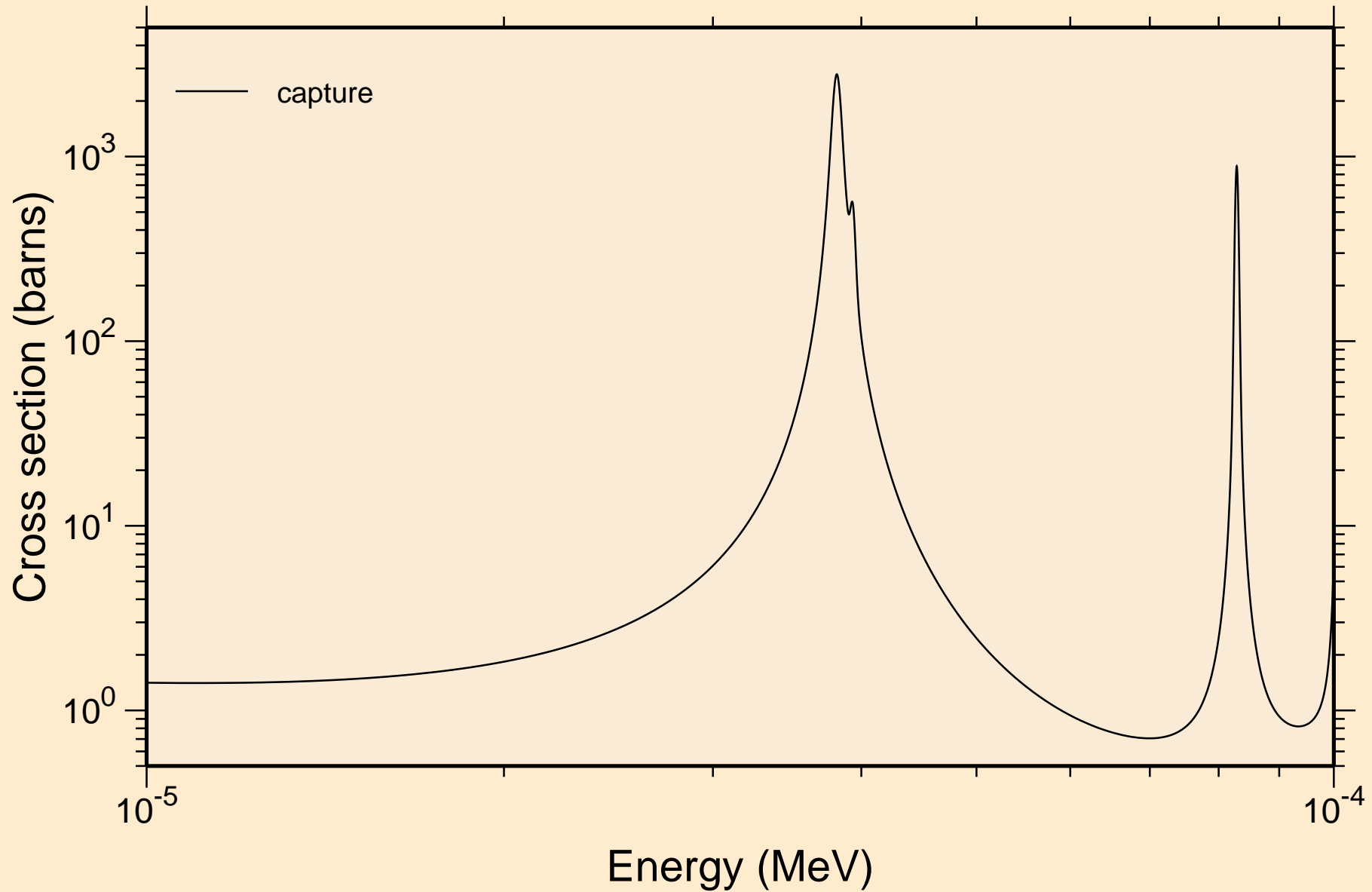
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



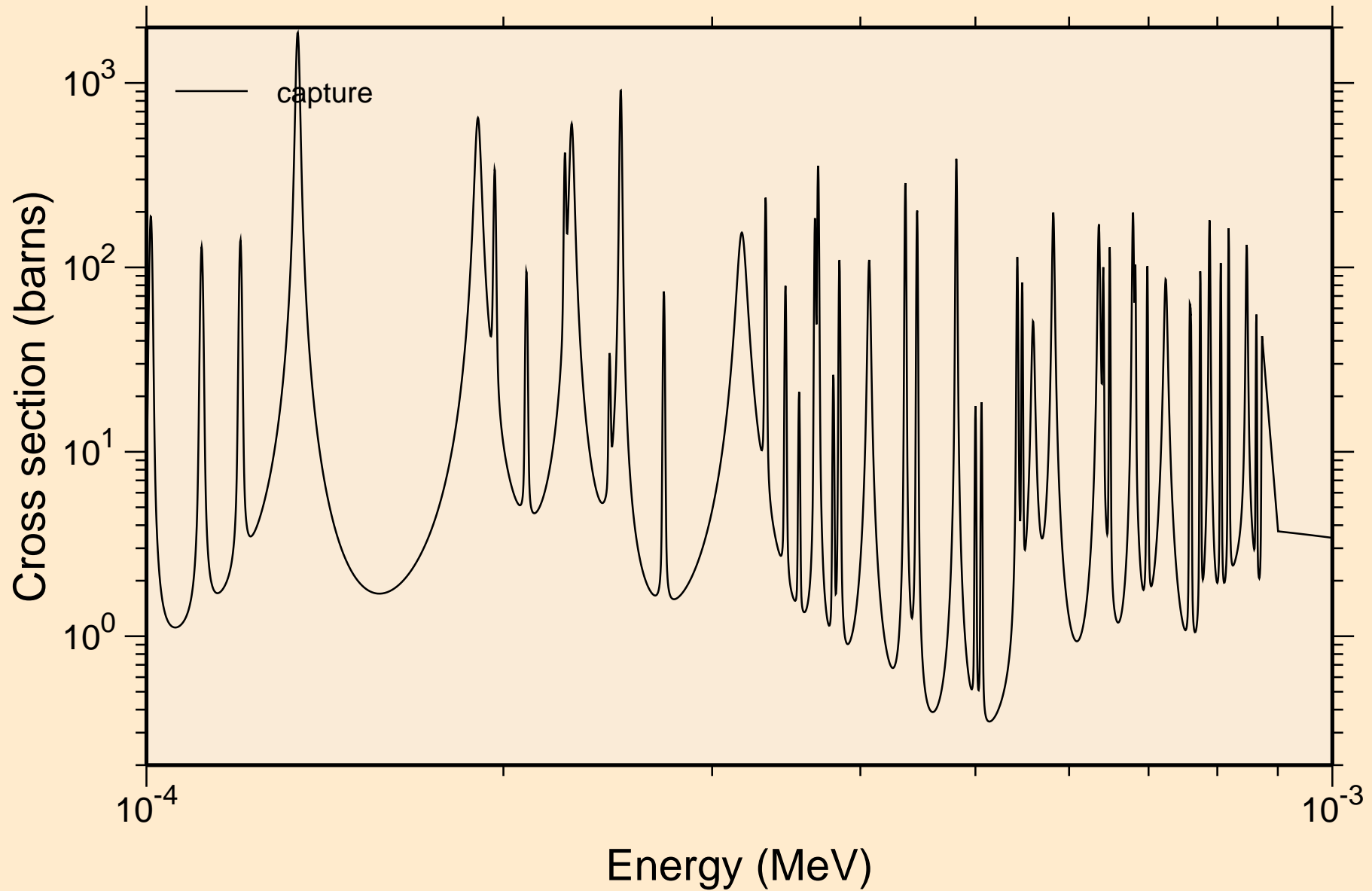
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



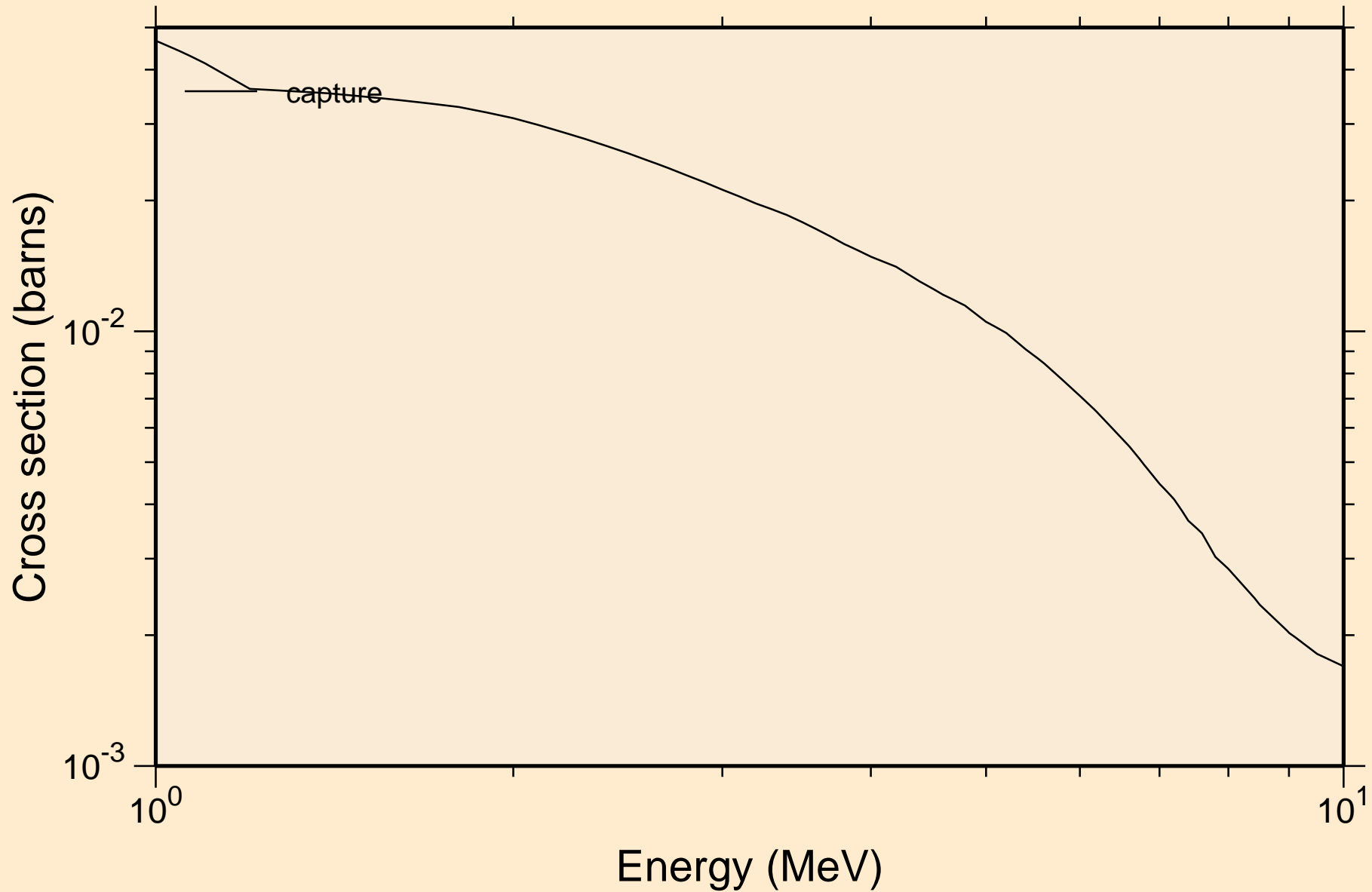
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



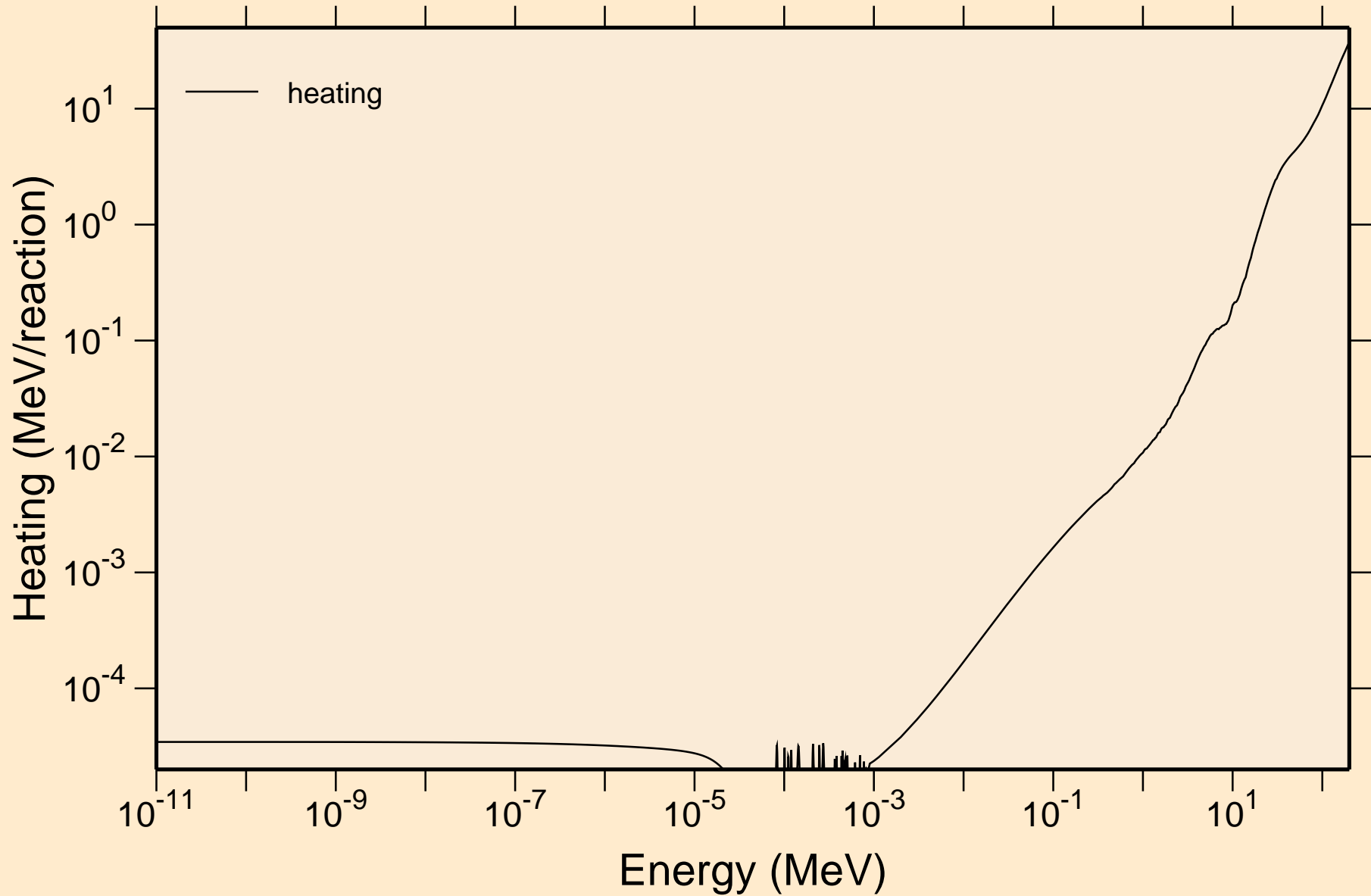
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

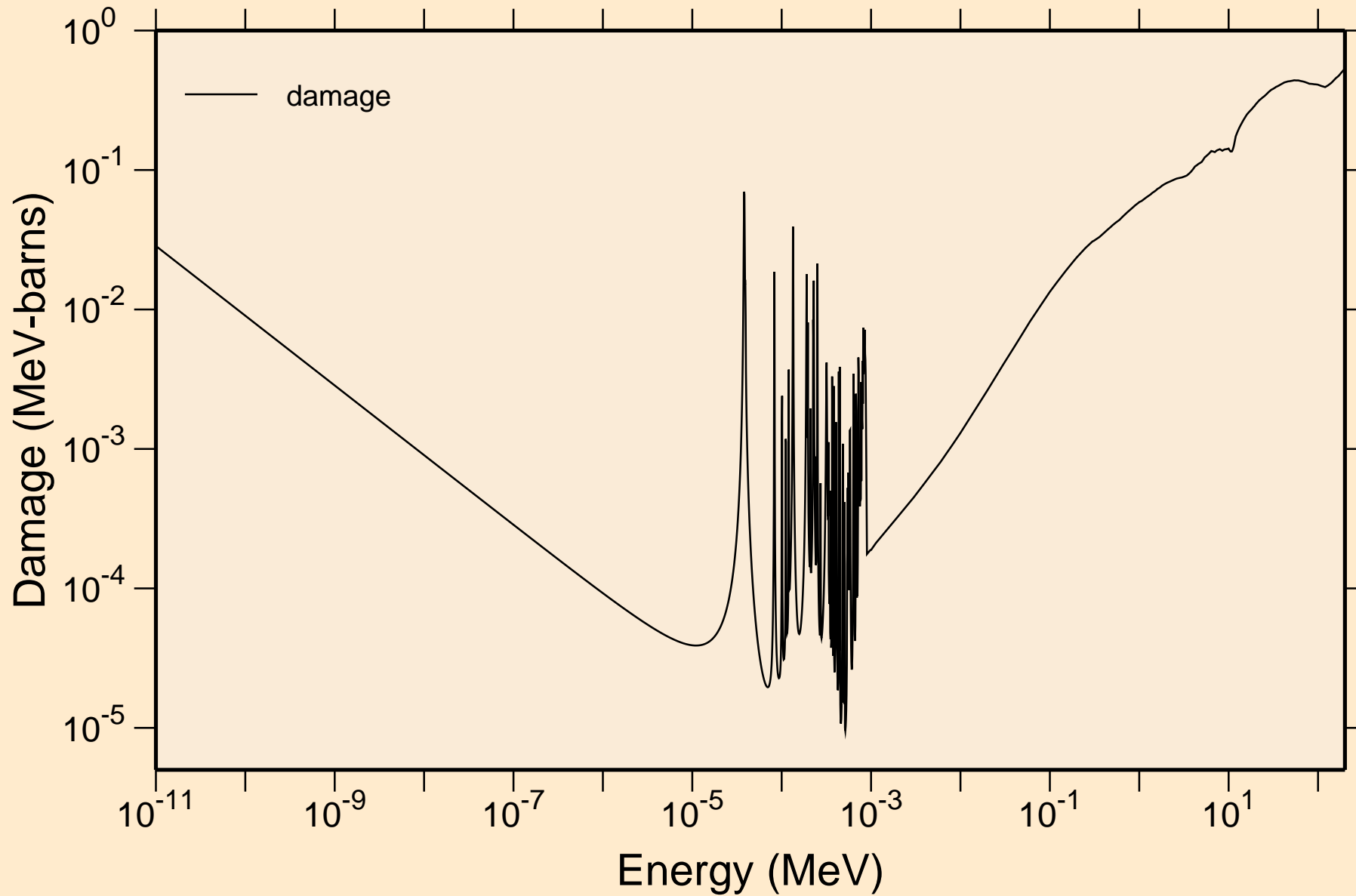


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

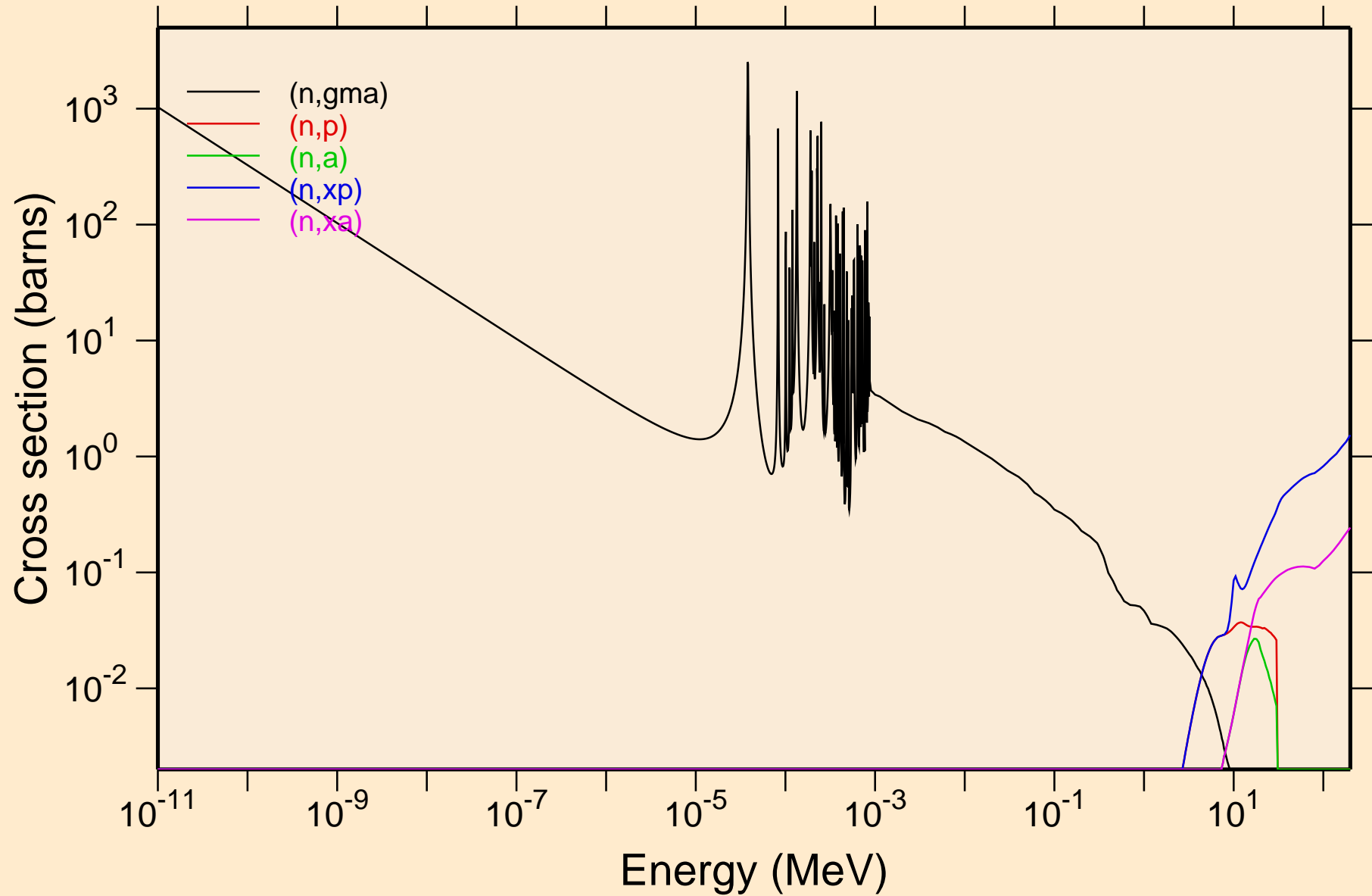




RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

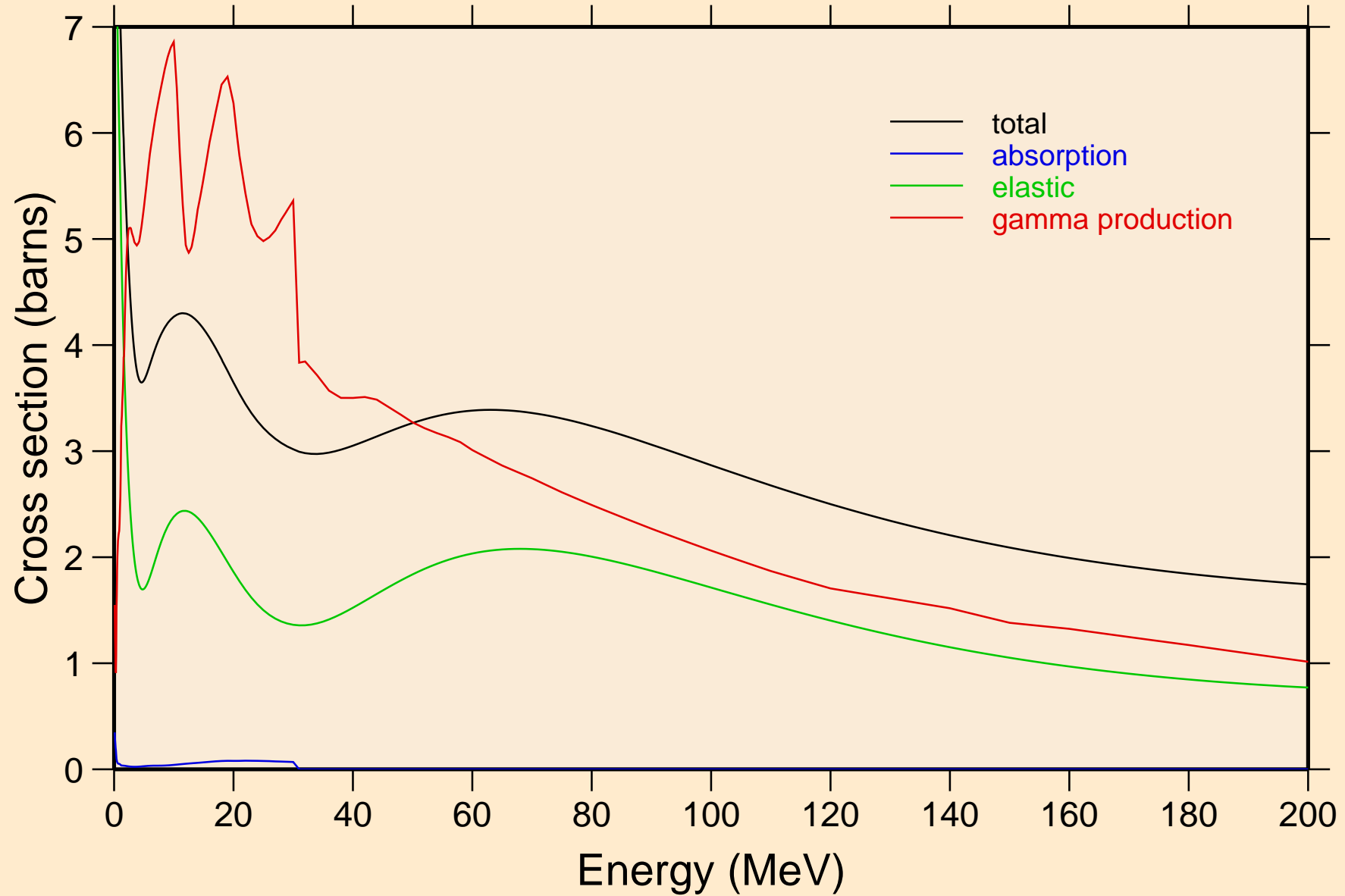


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

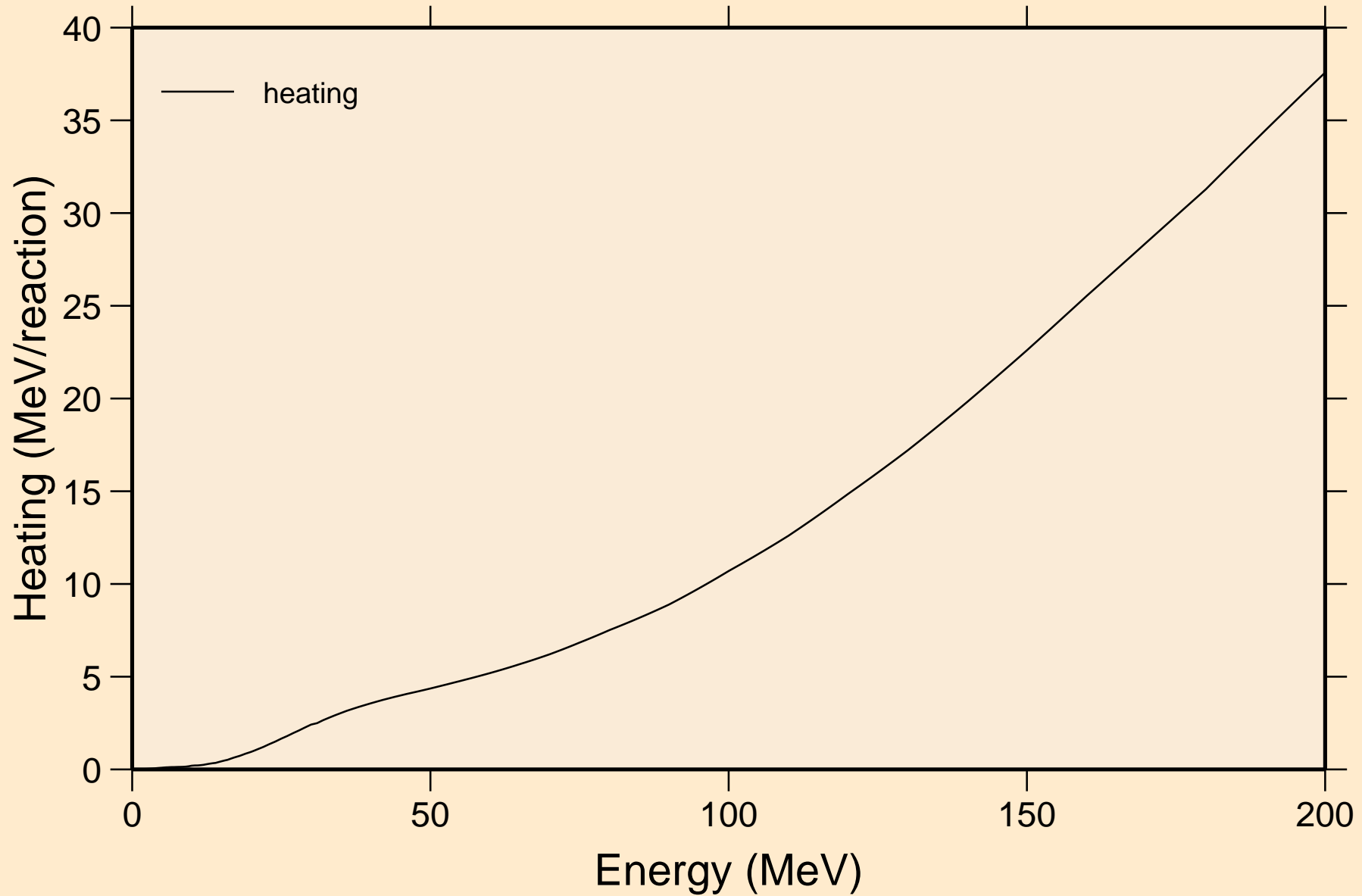


# RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

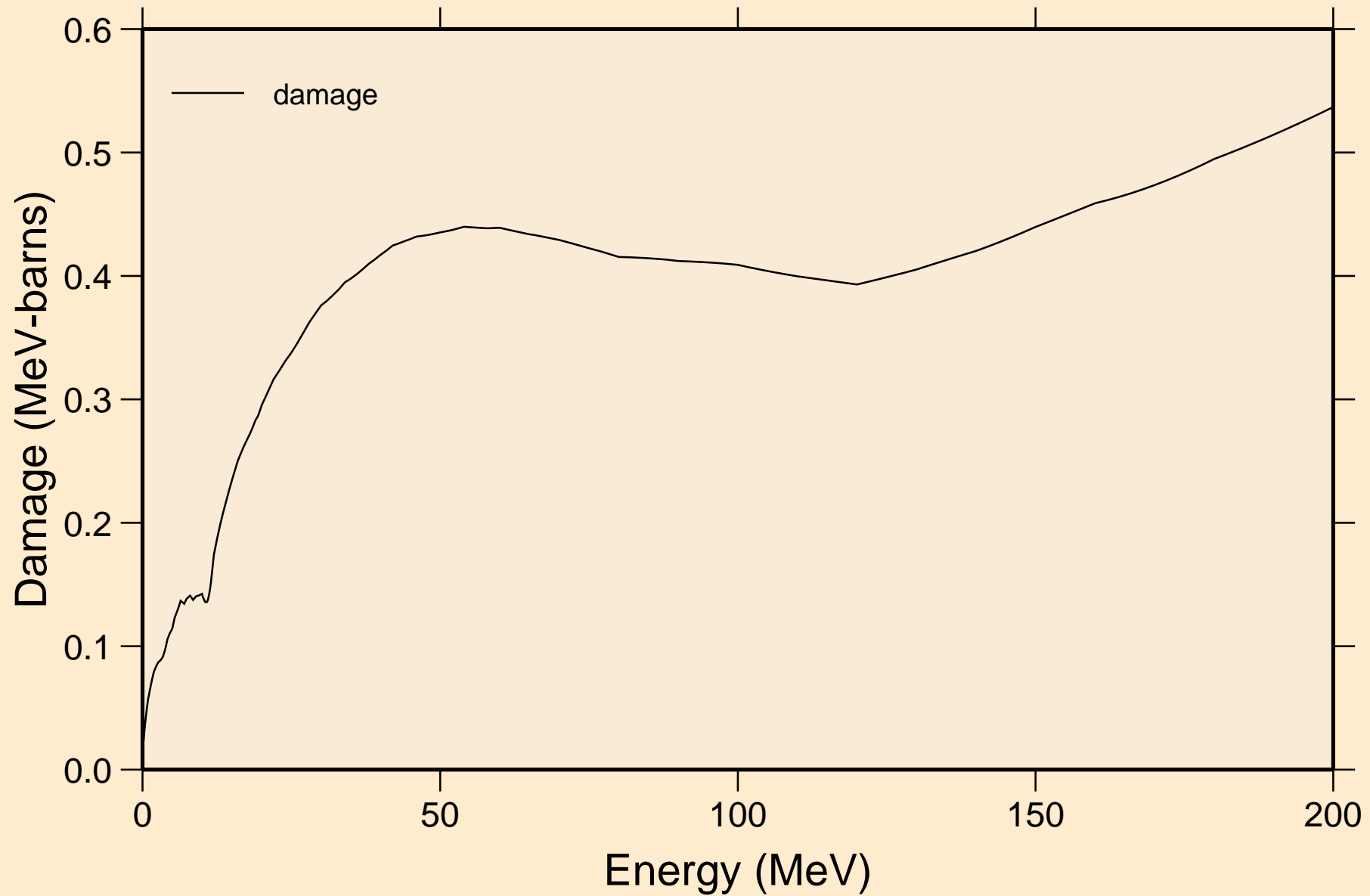
## Principal cross sections



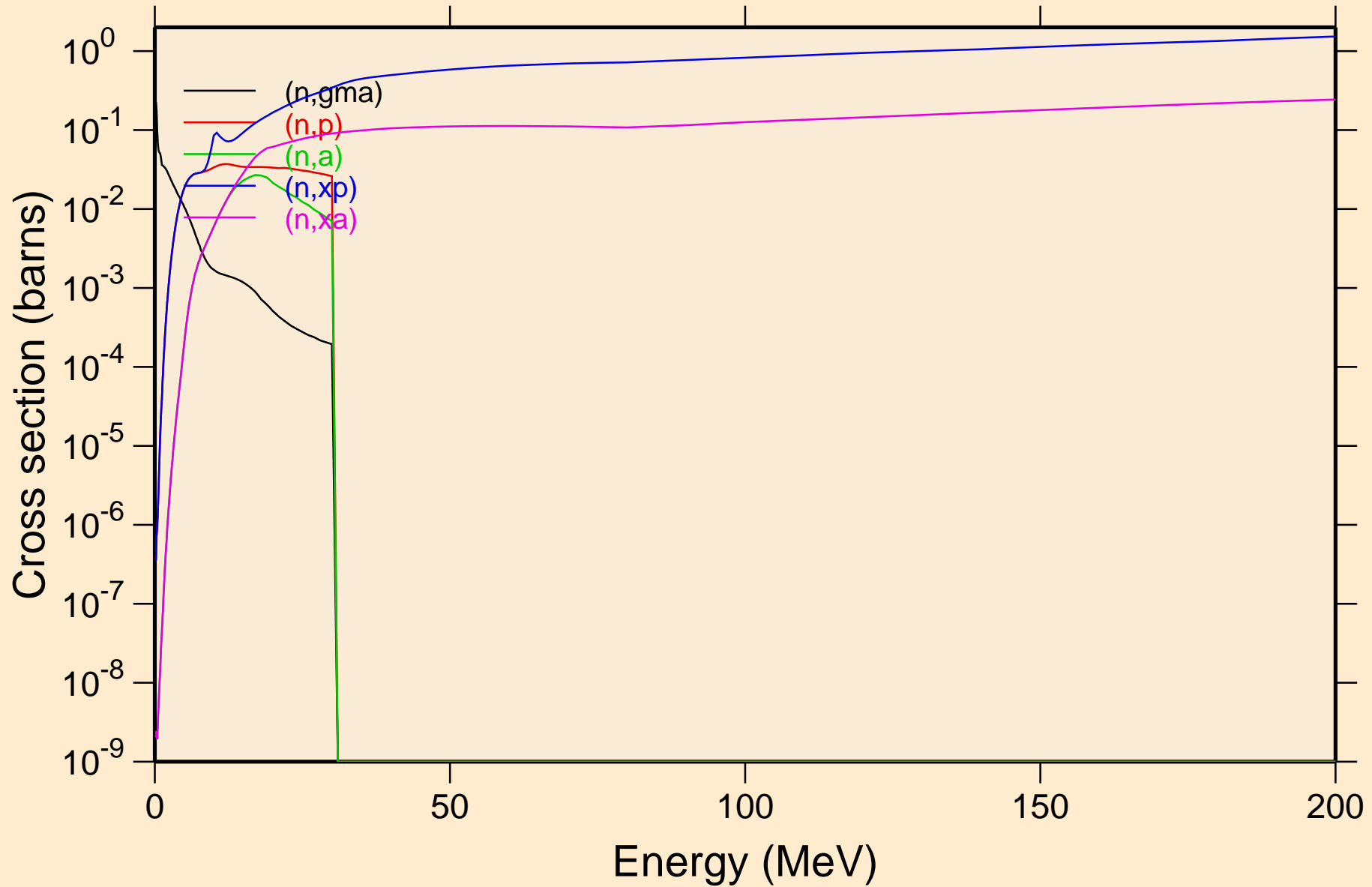
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



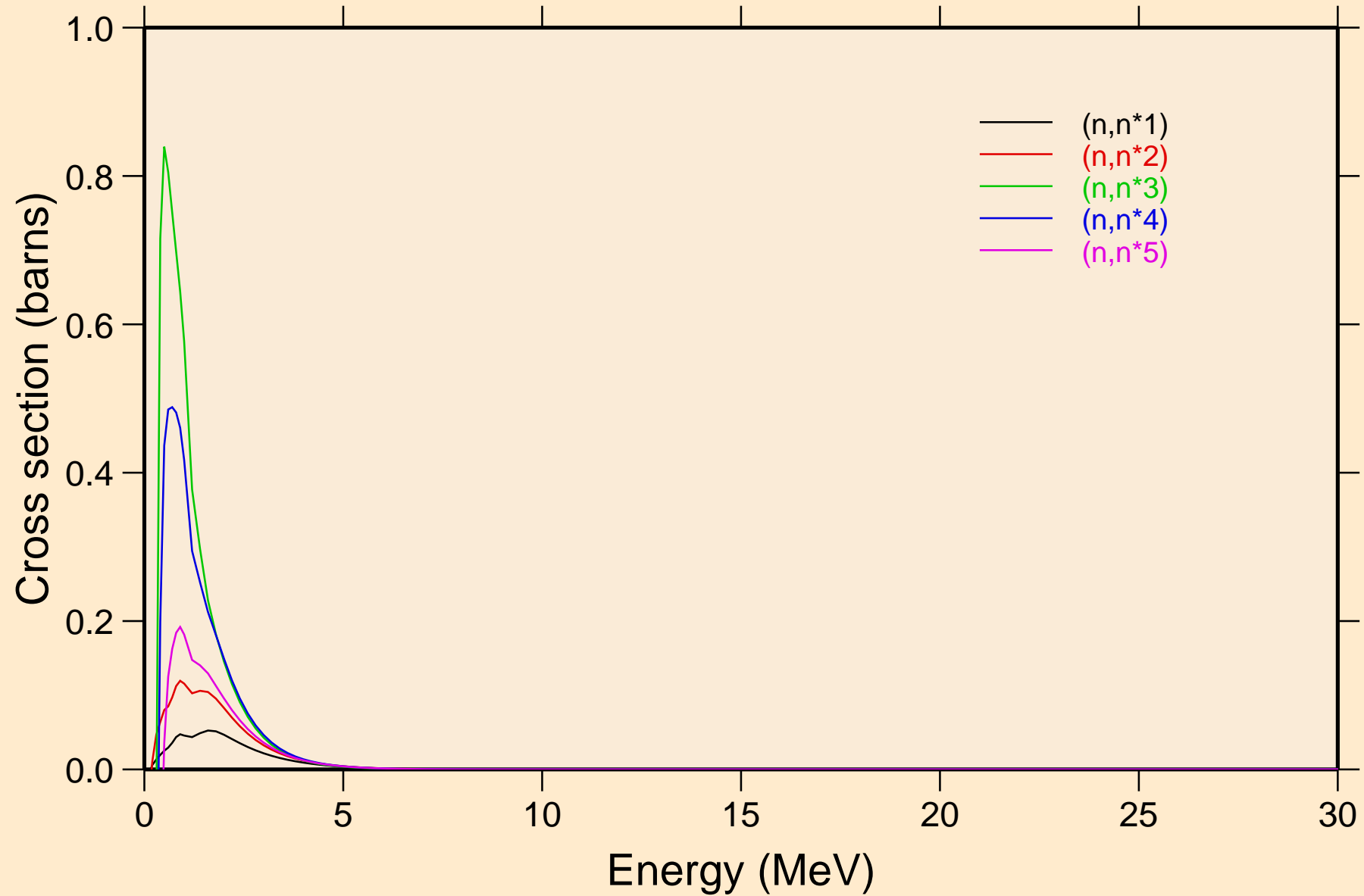
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



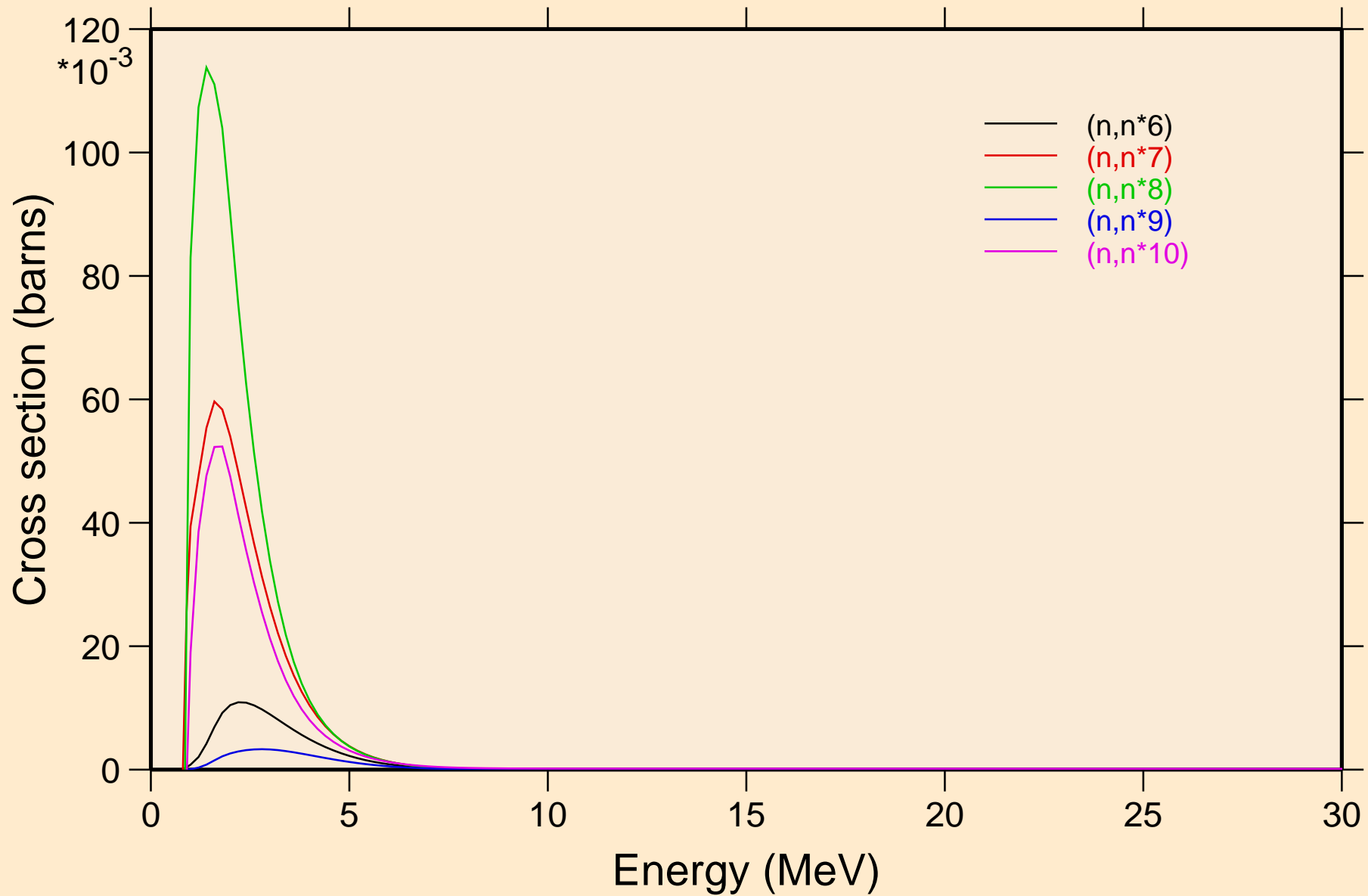
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

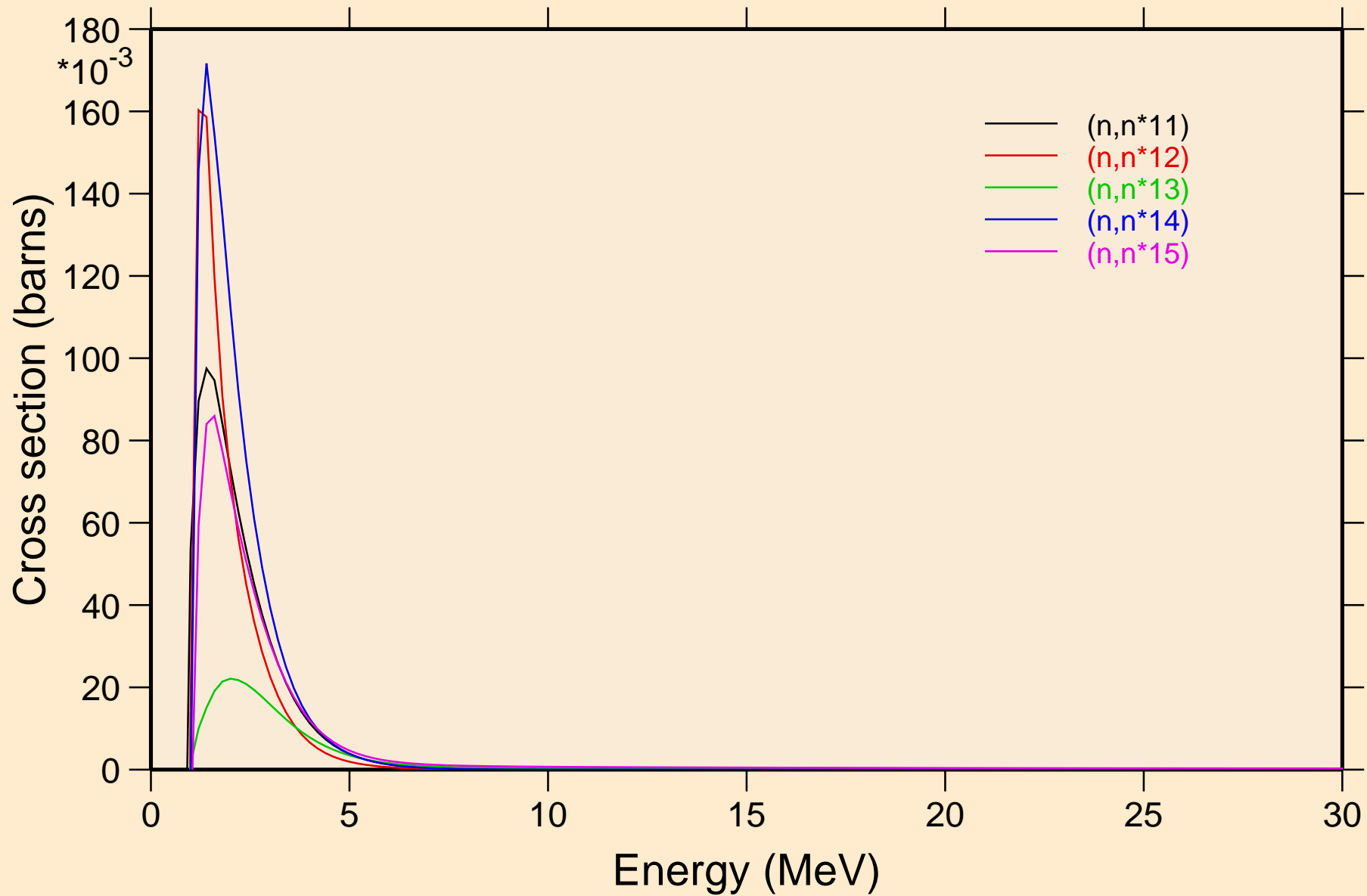


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



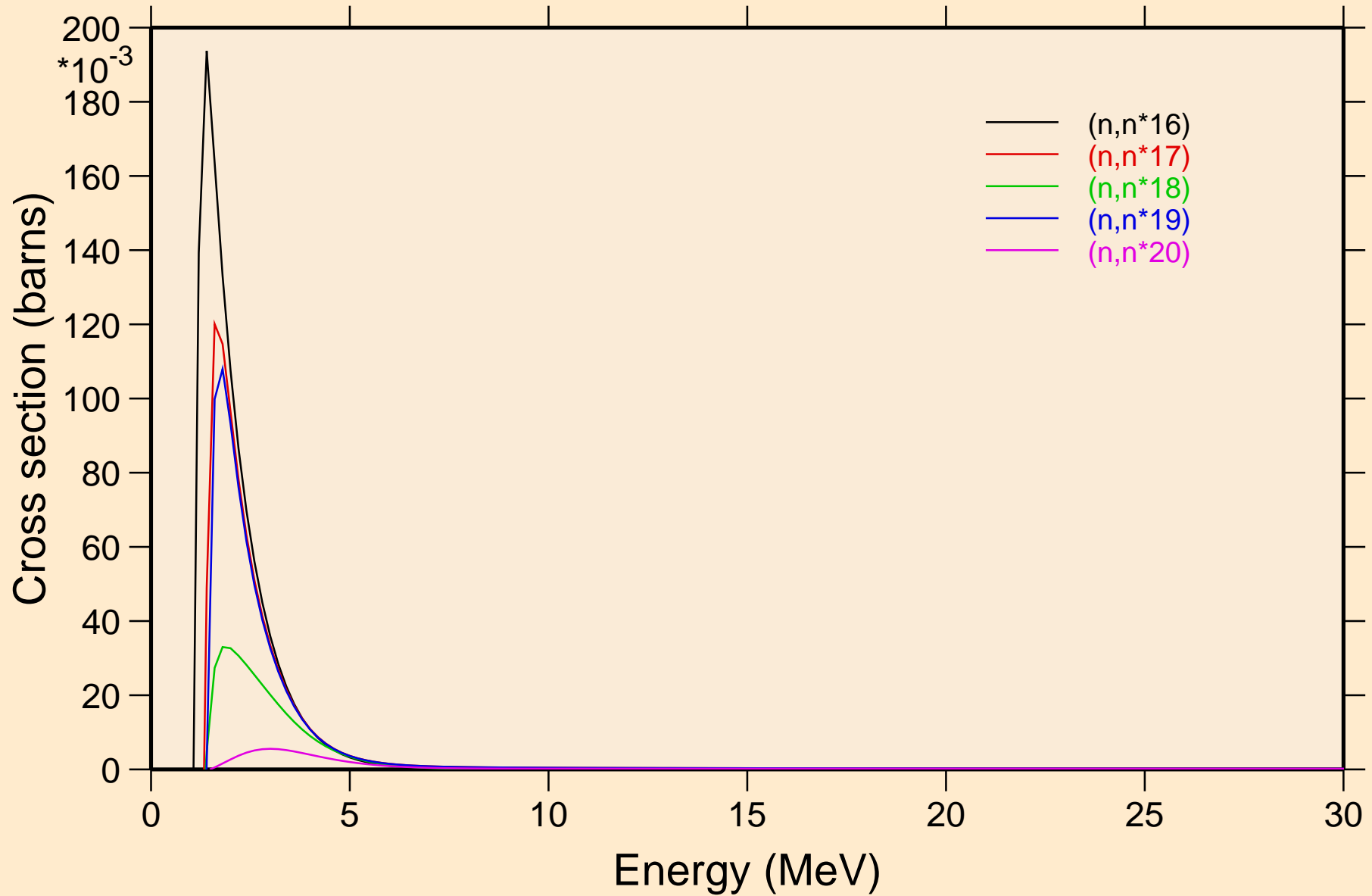


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

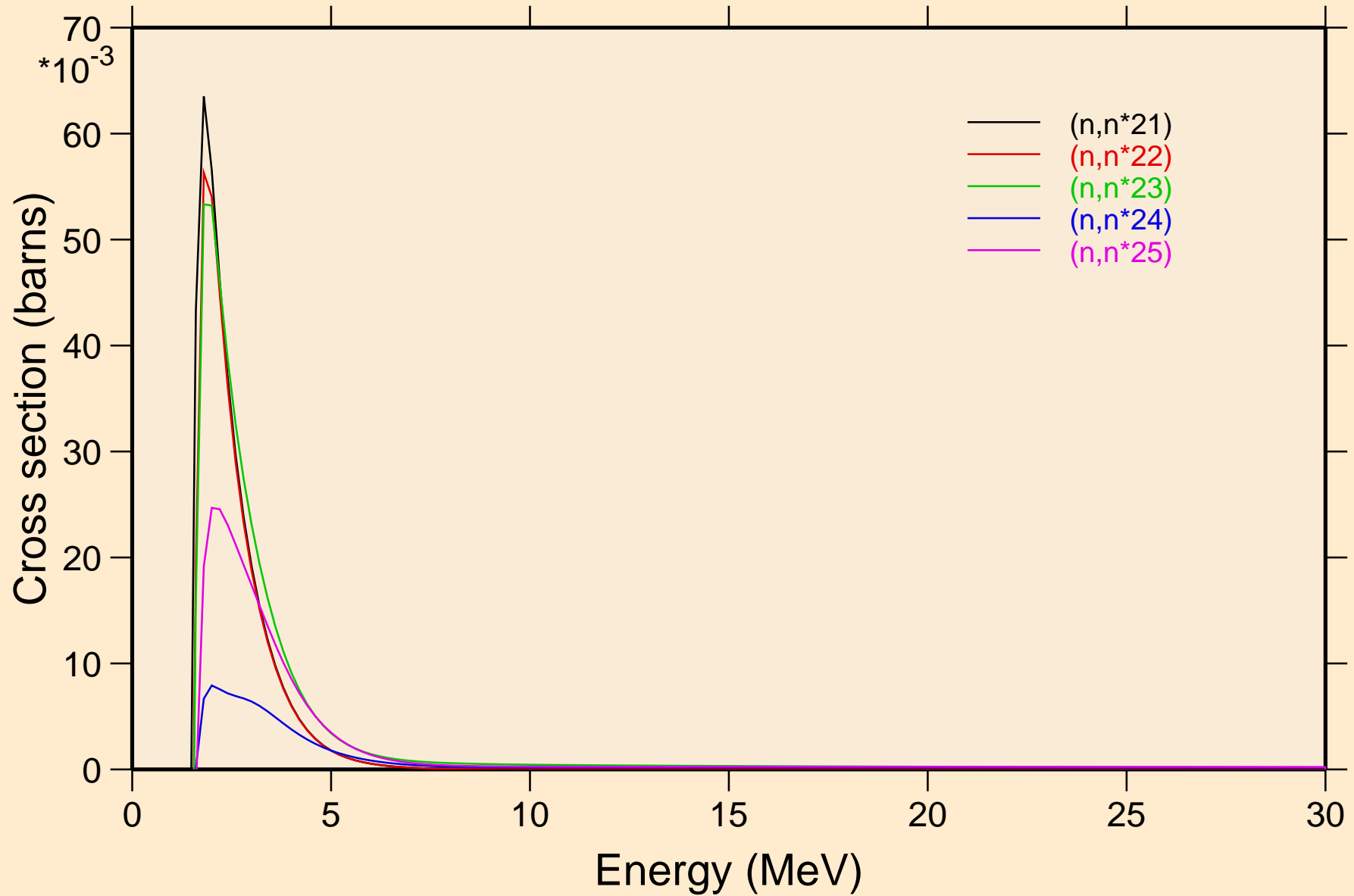


# RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

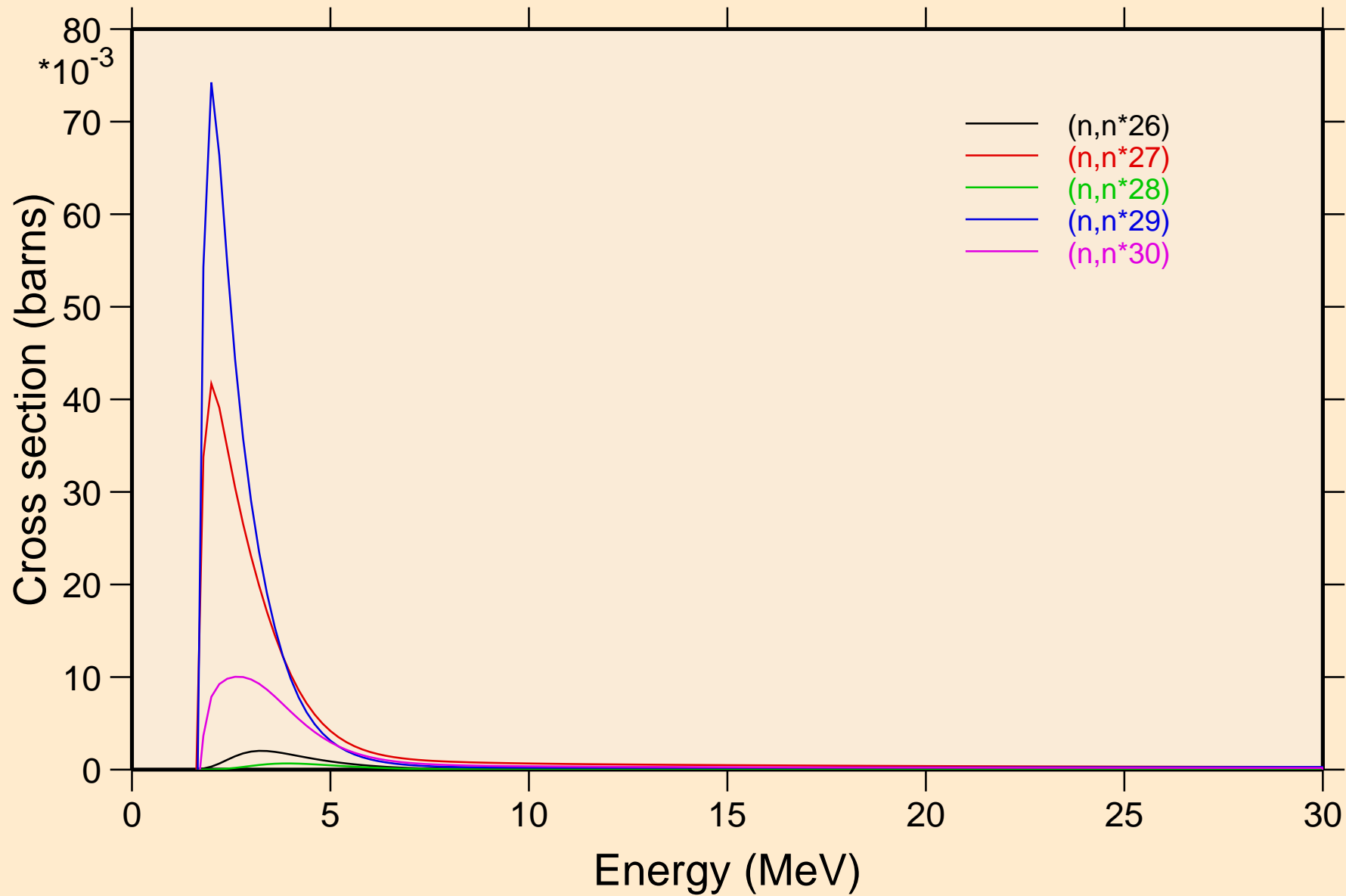
## Inelastic levels



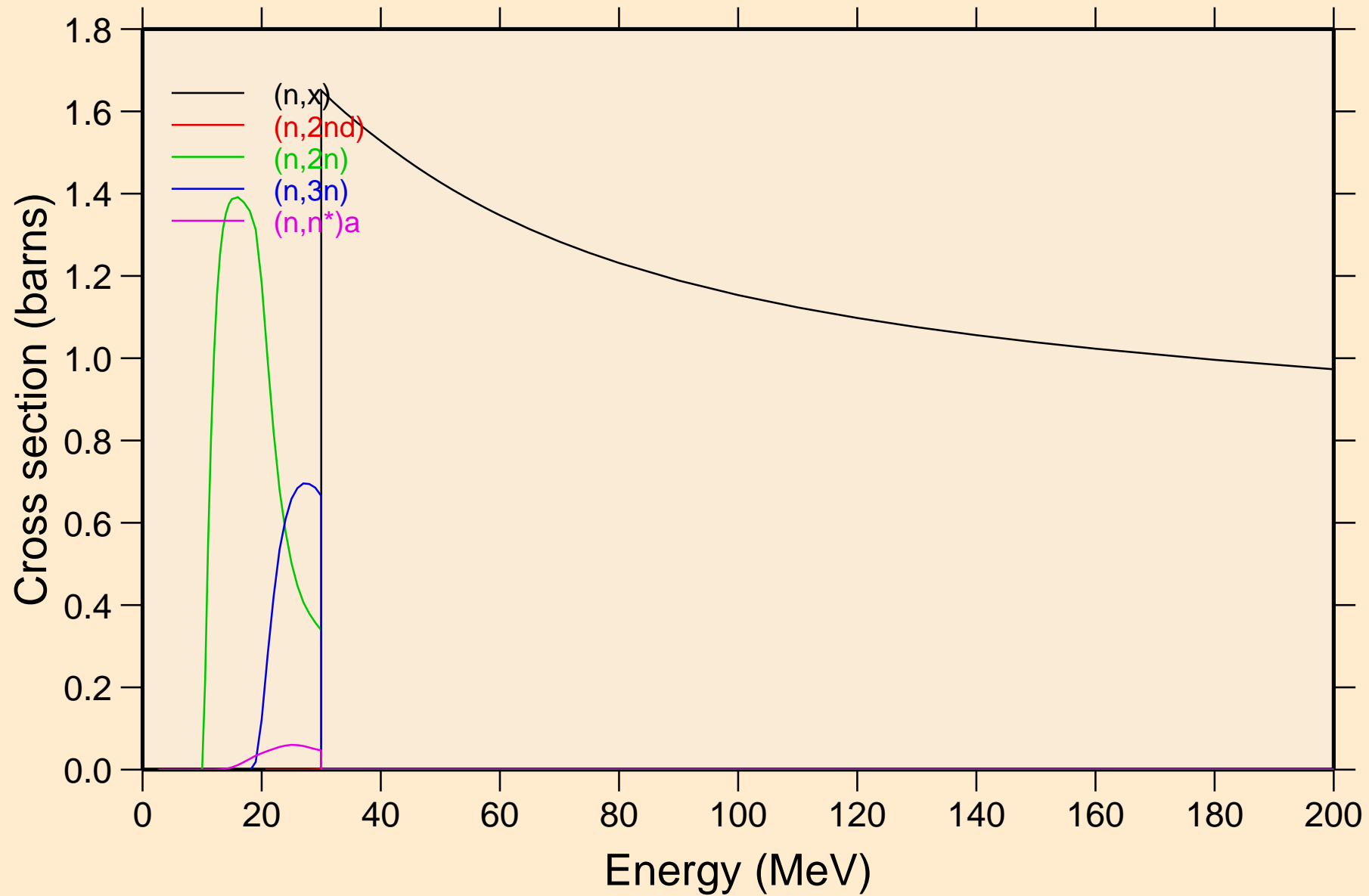
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



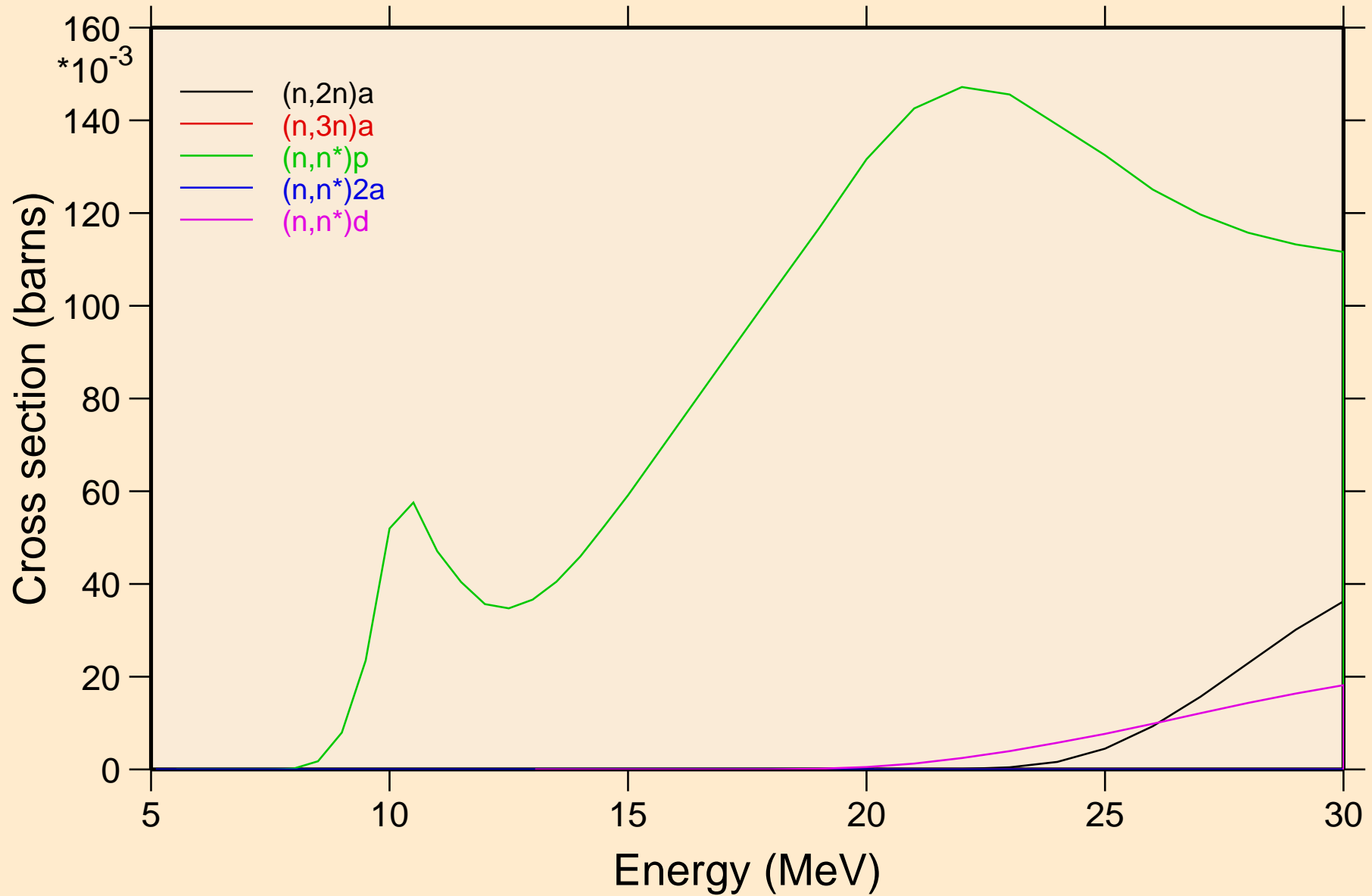
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



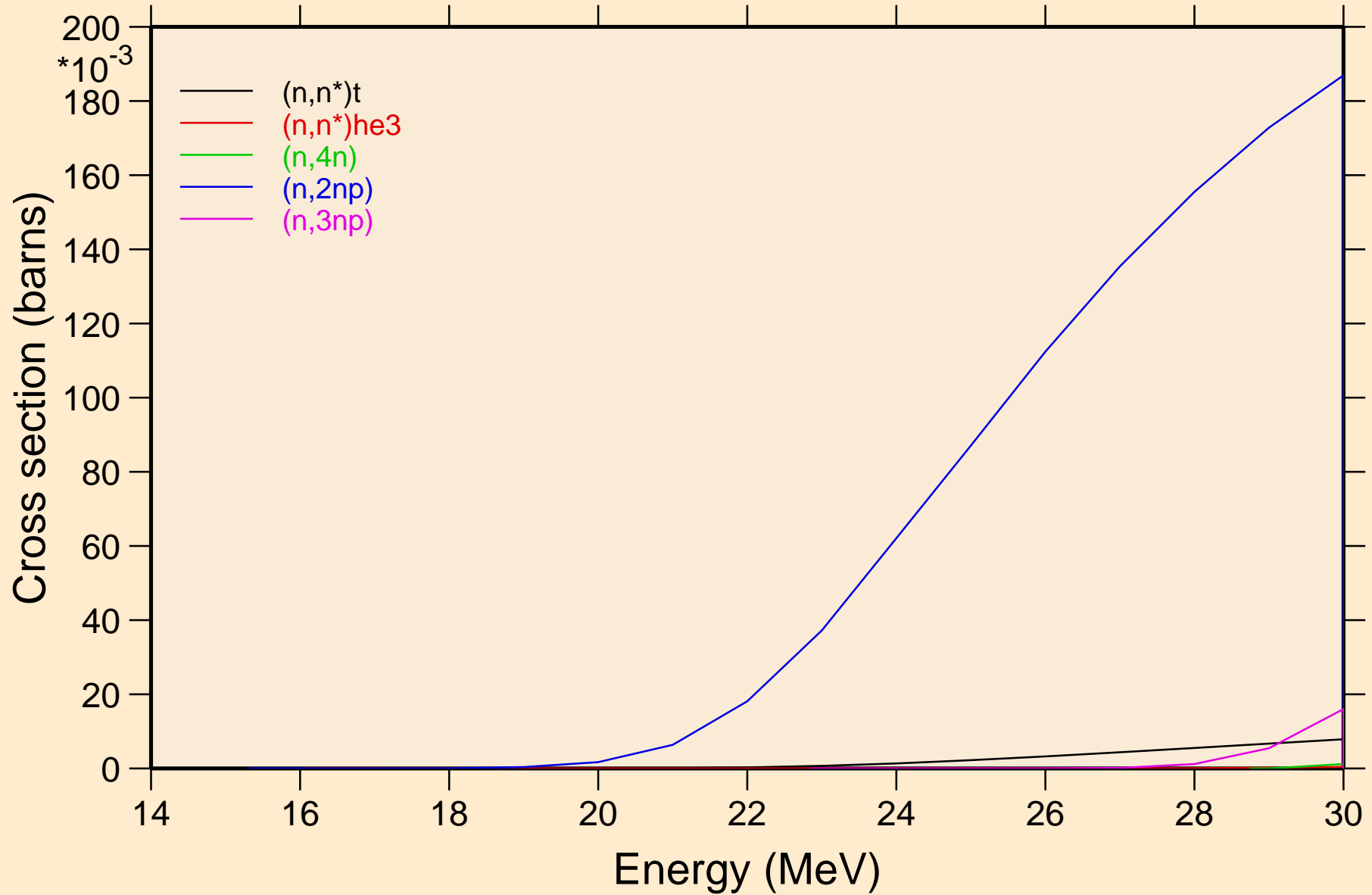
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



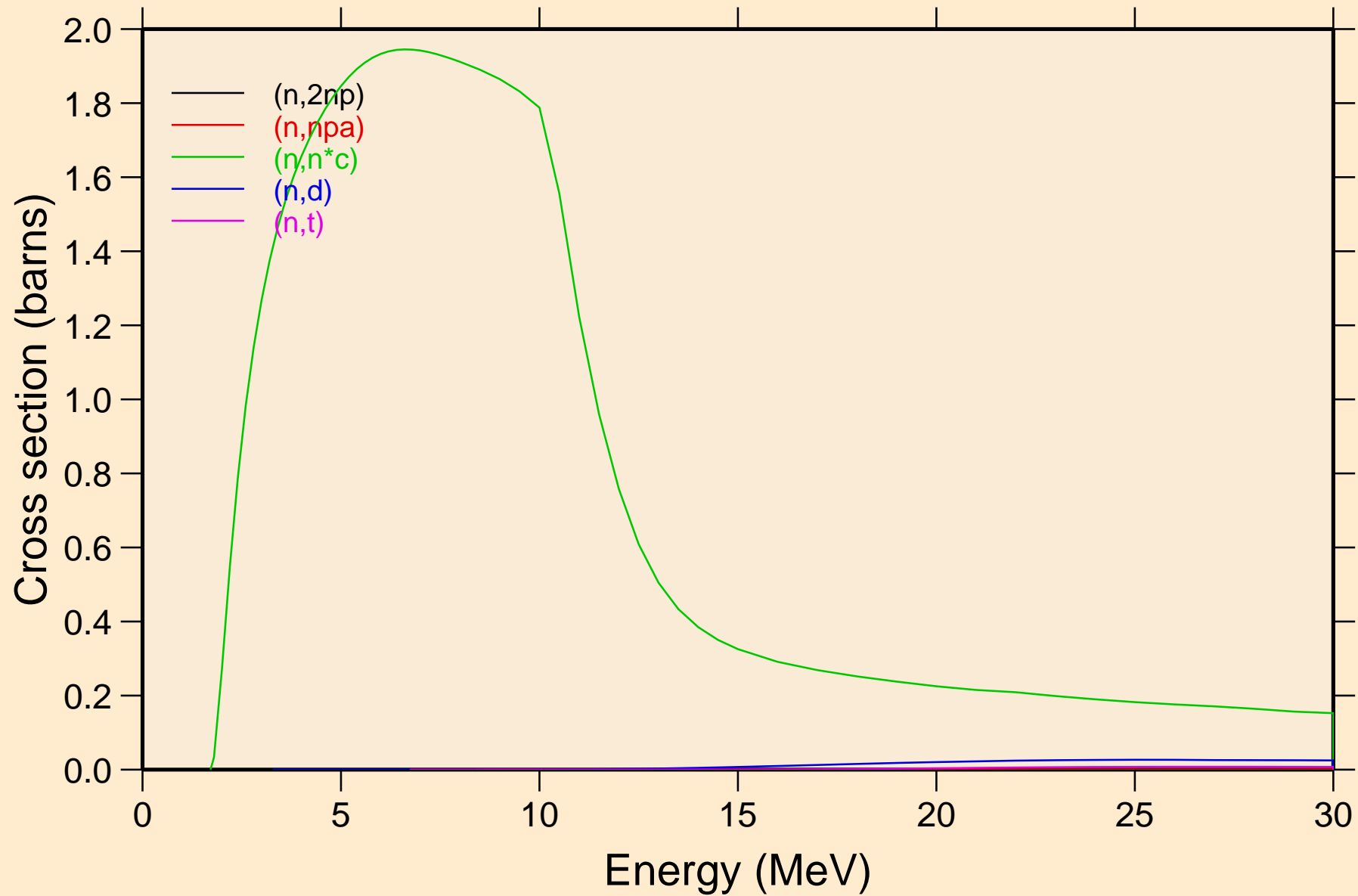
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

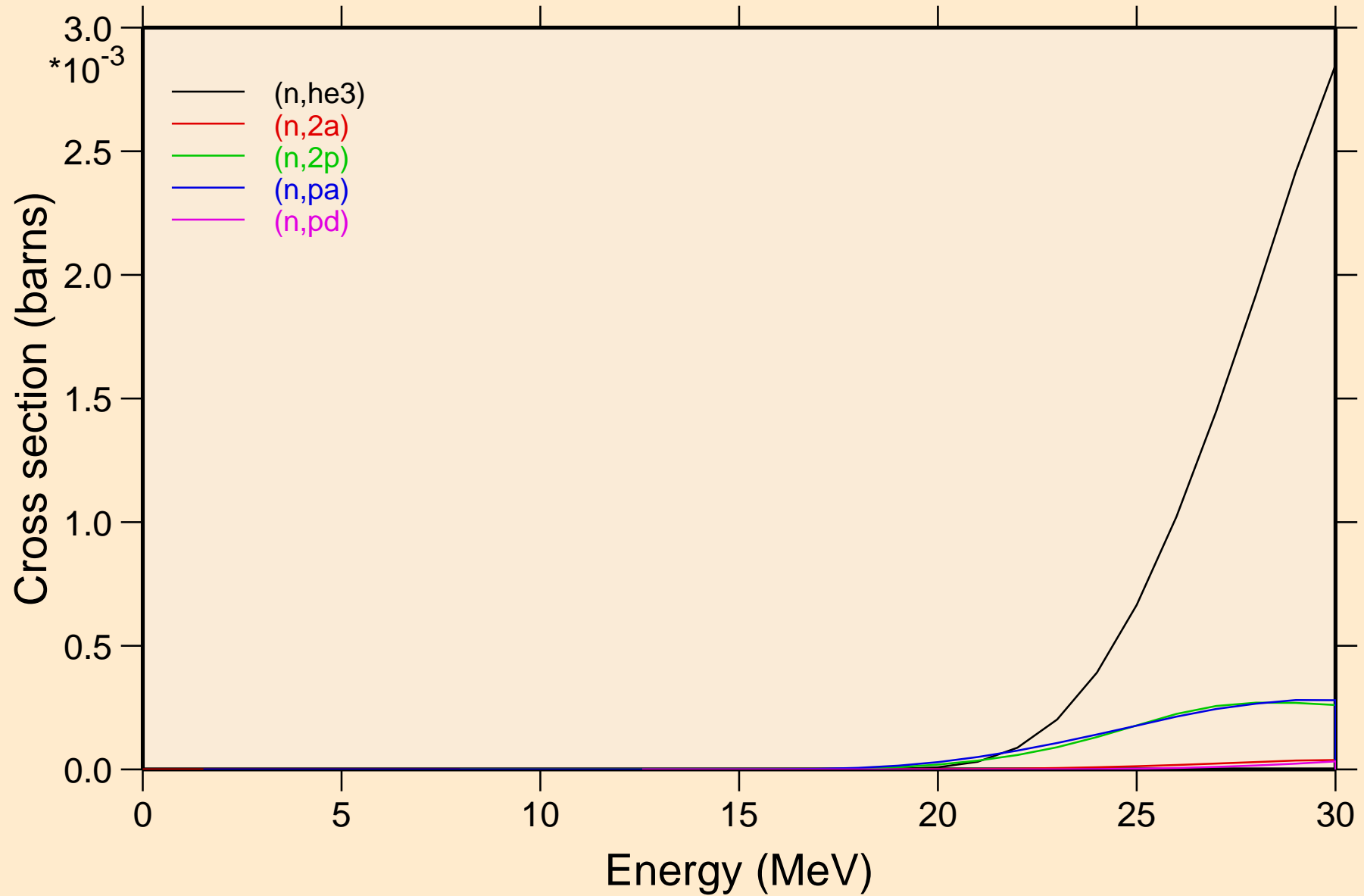


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

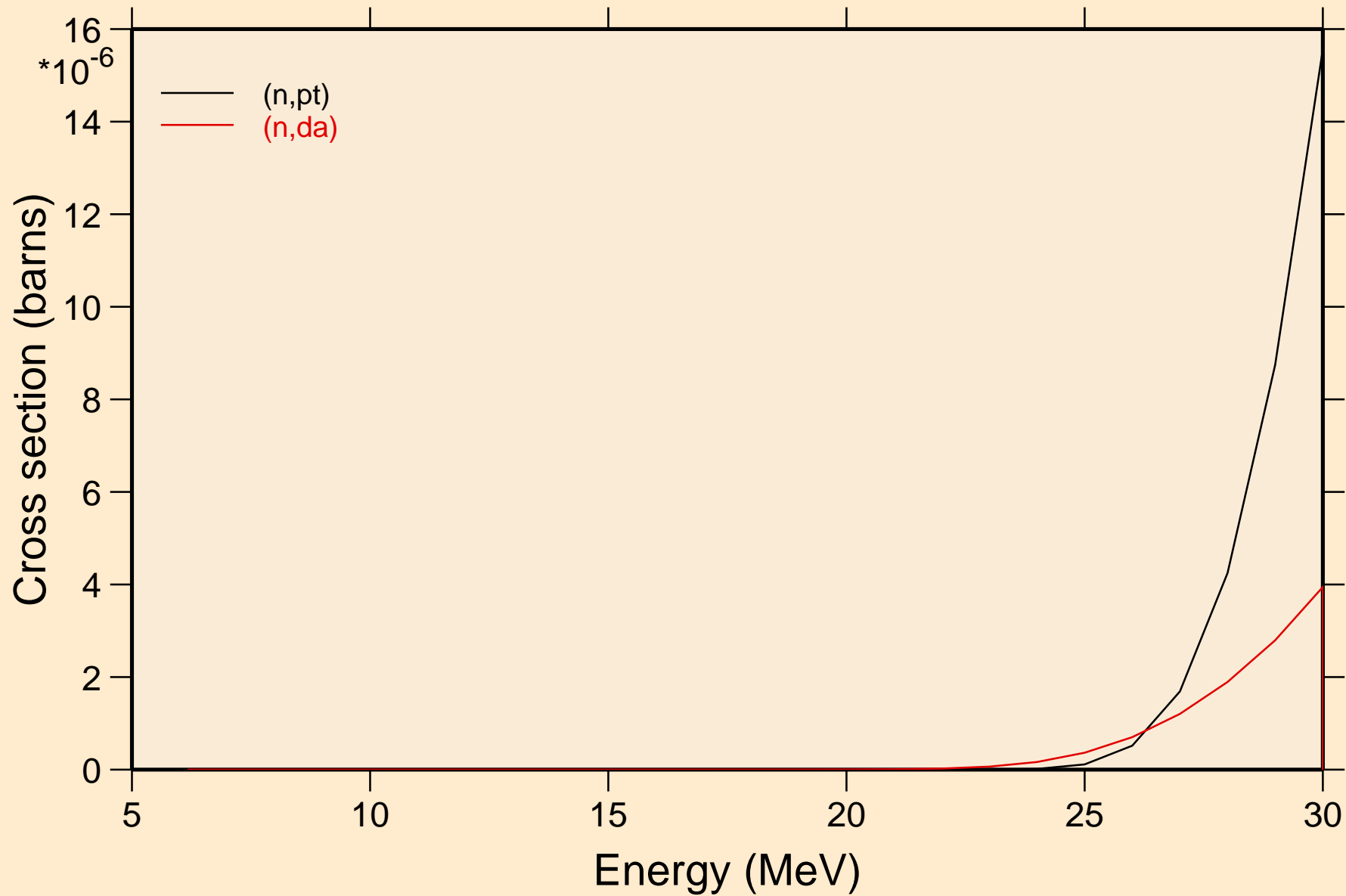




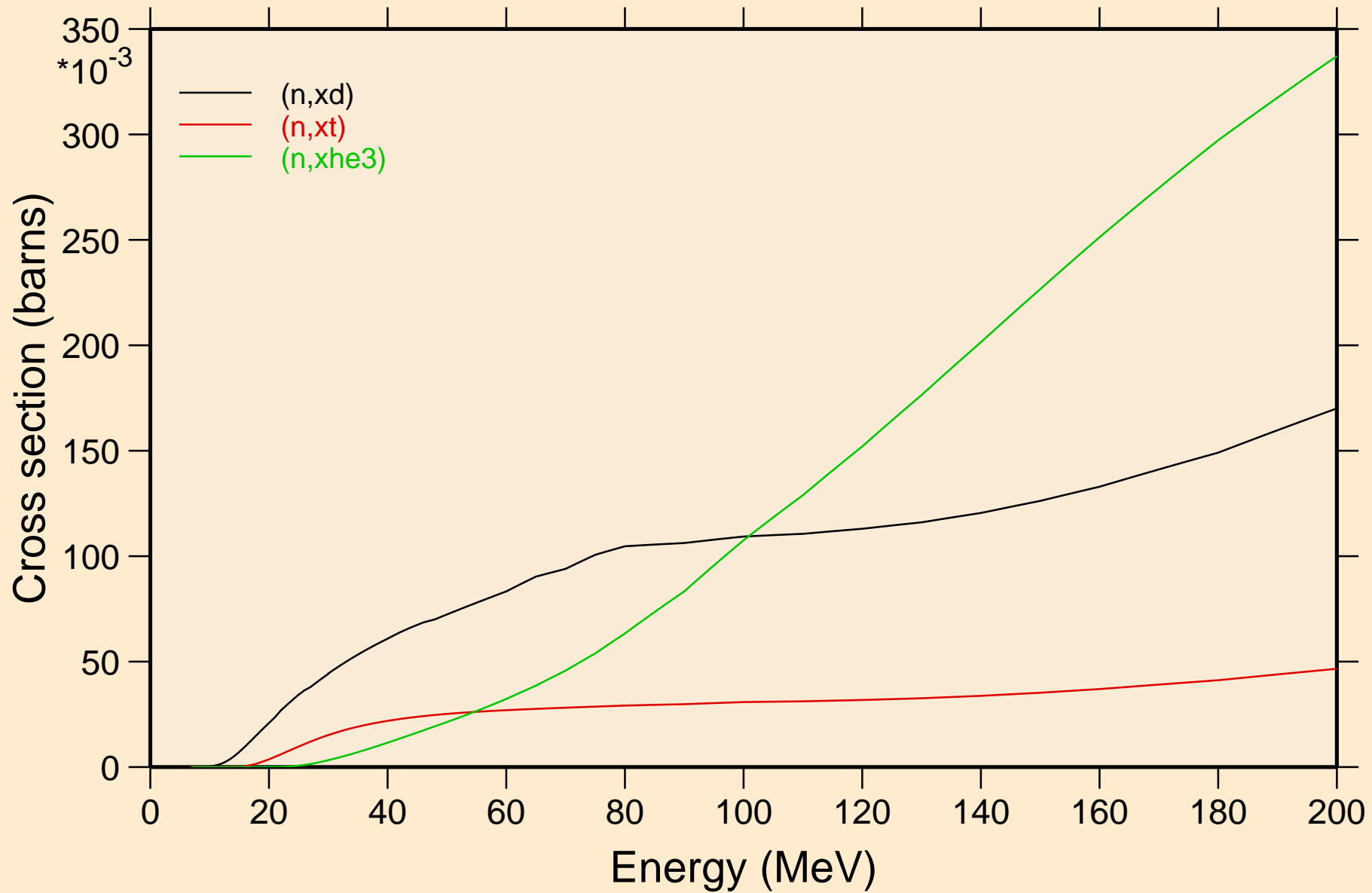
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



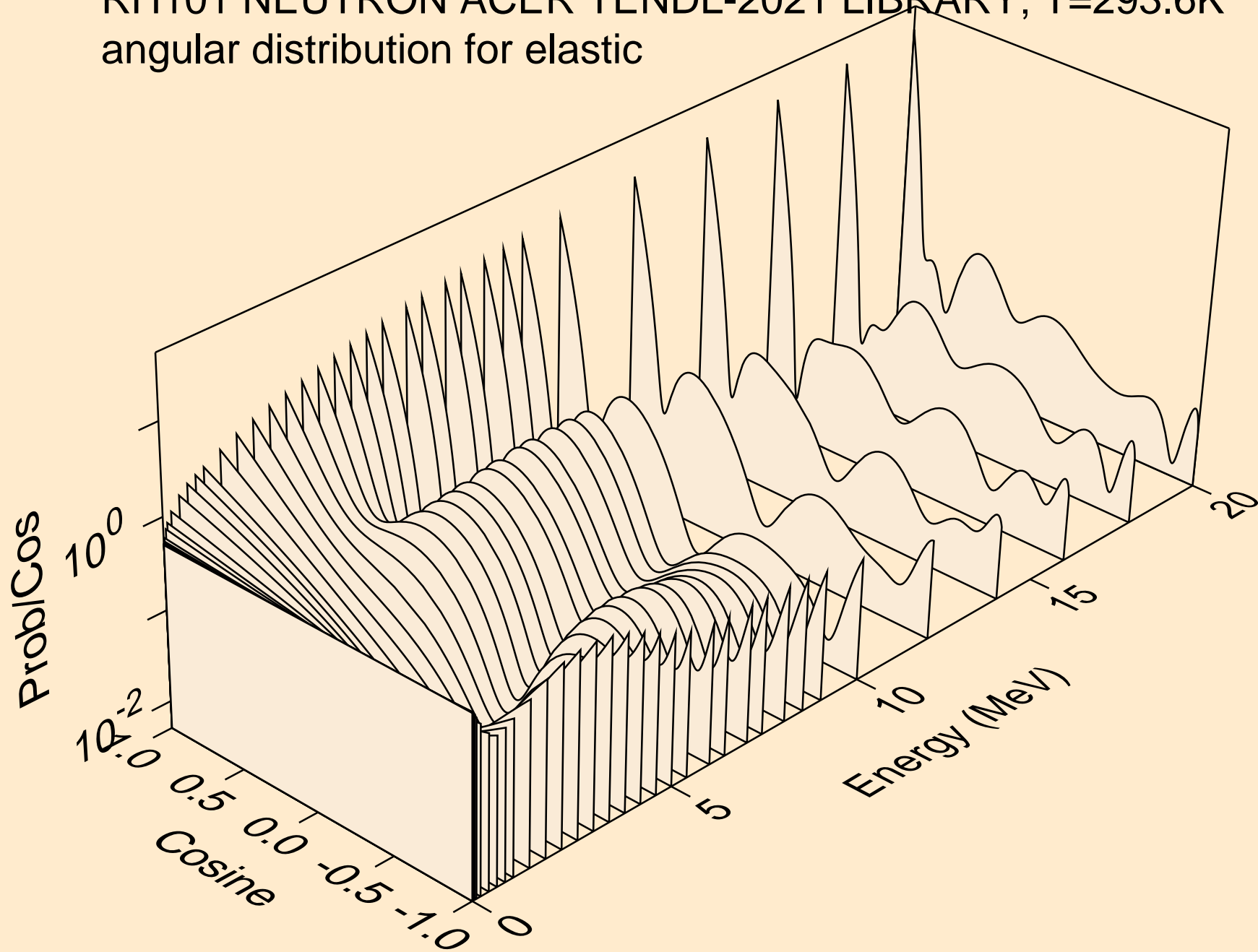
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



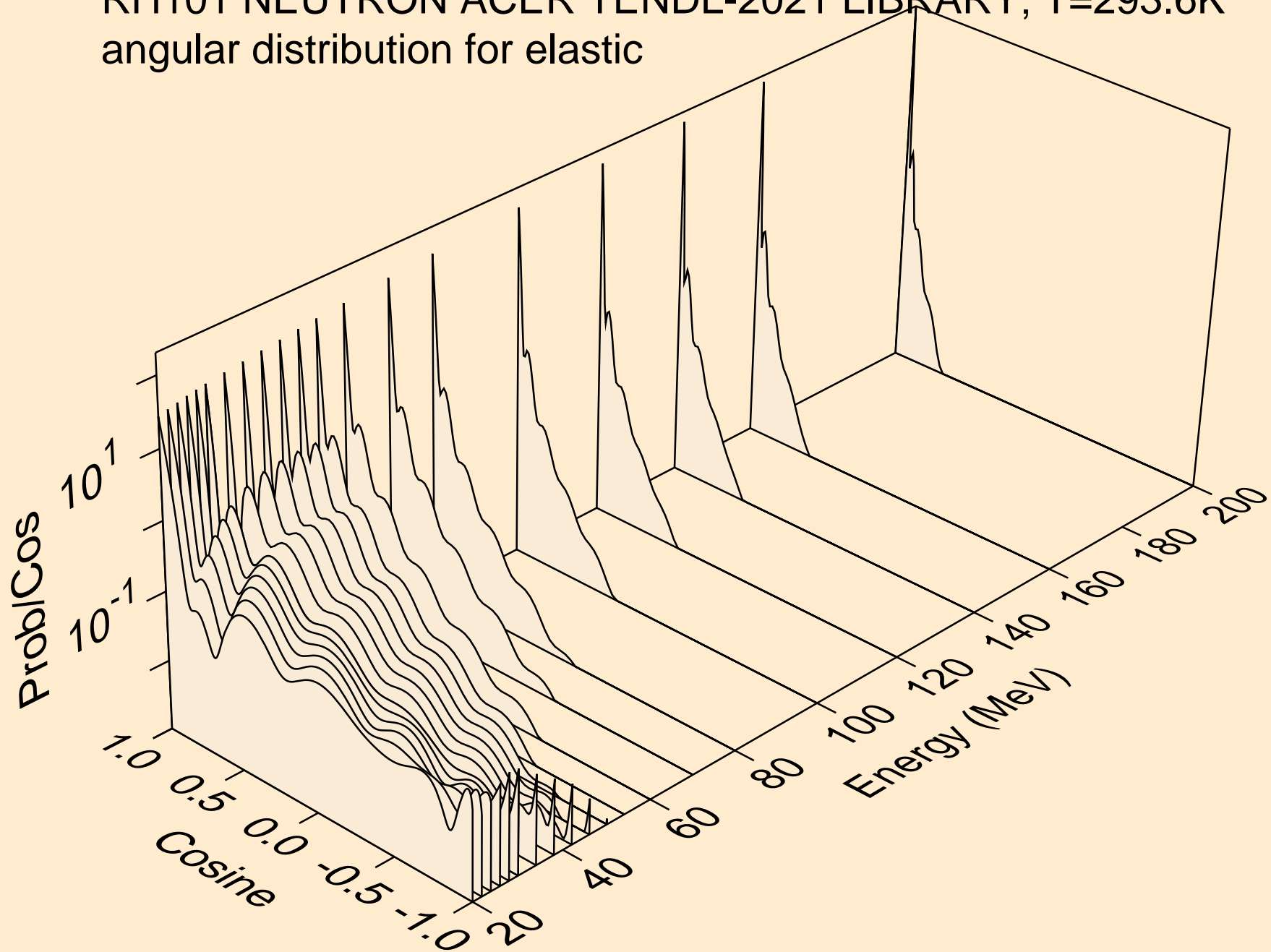
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



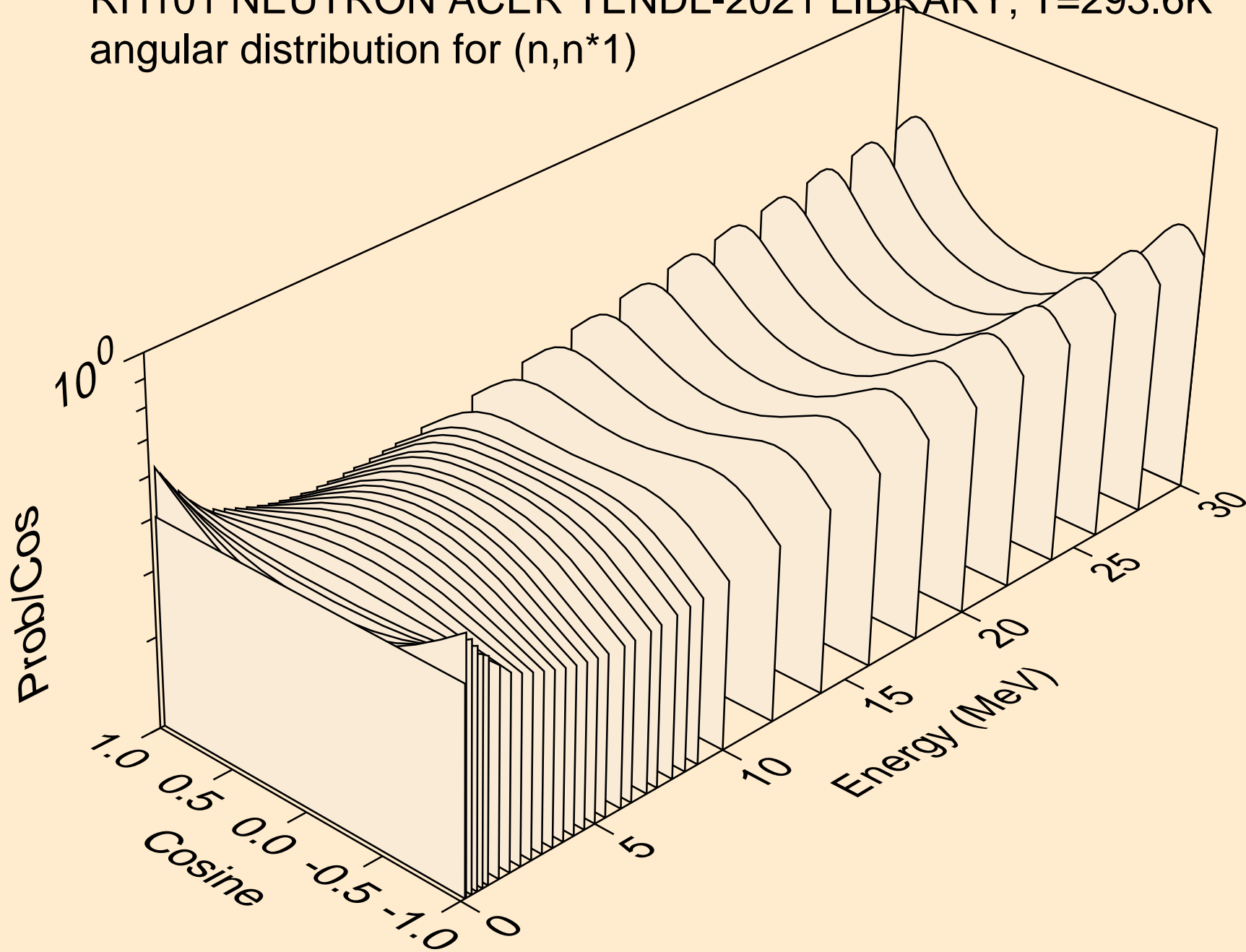
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



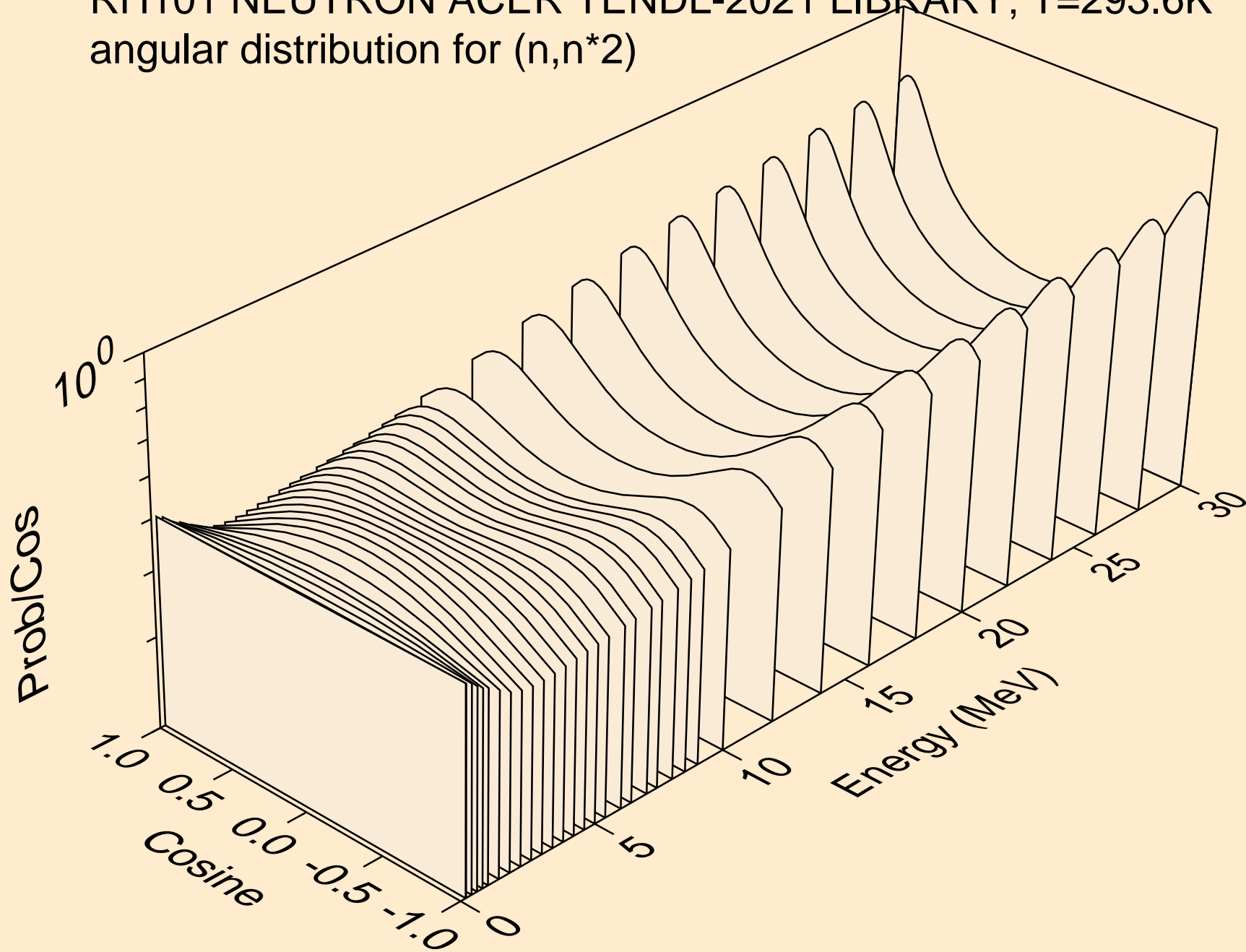
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



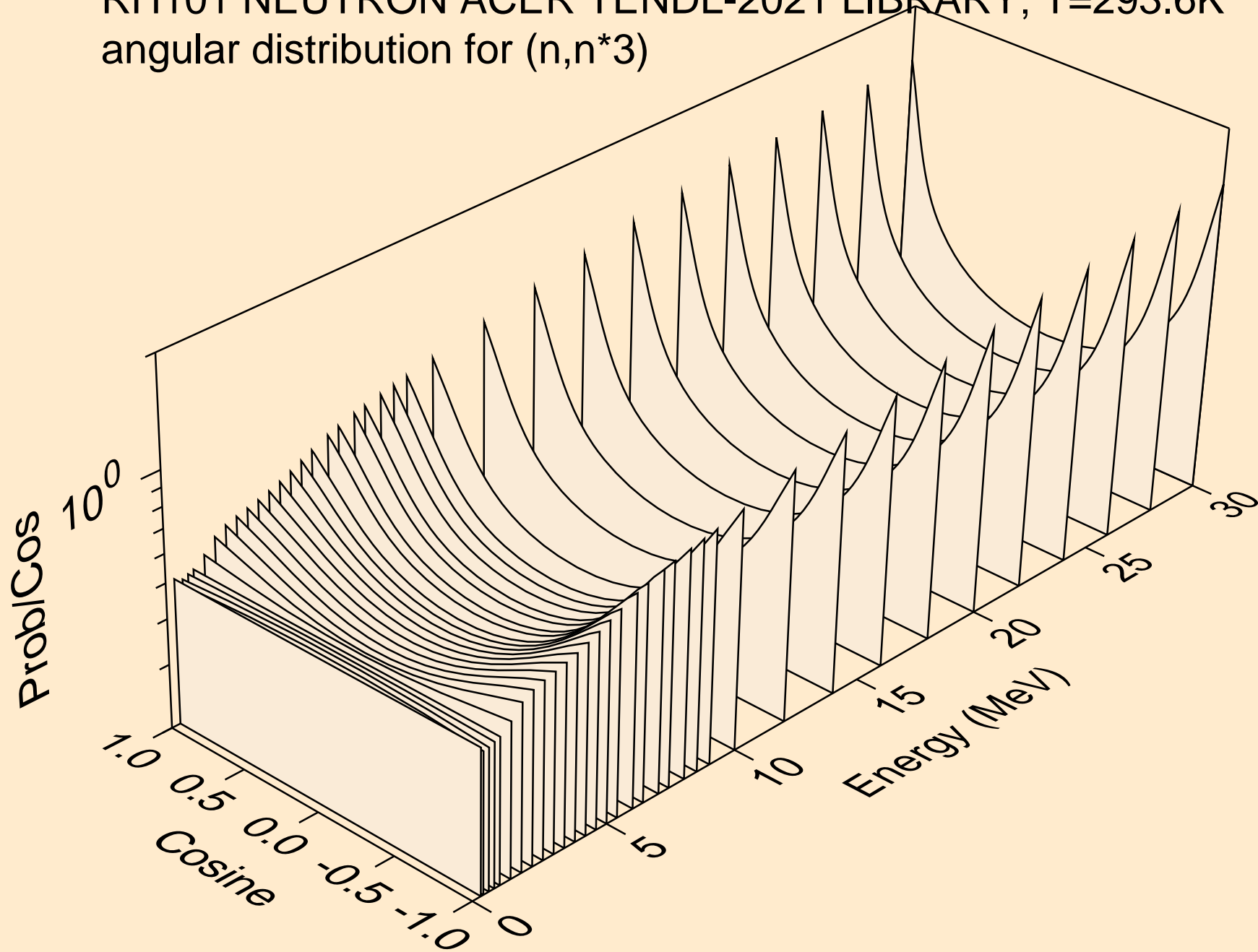
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

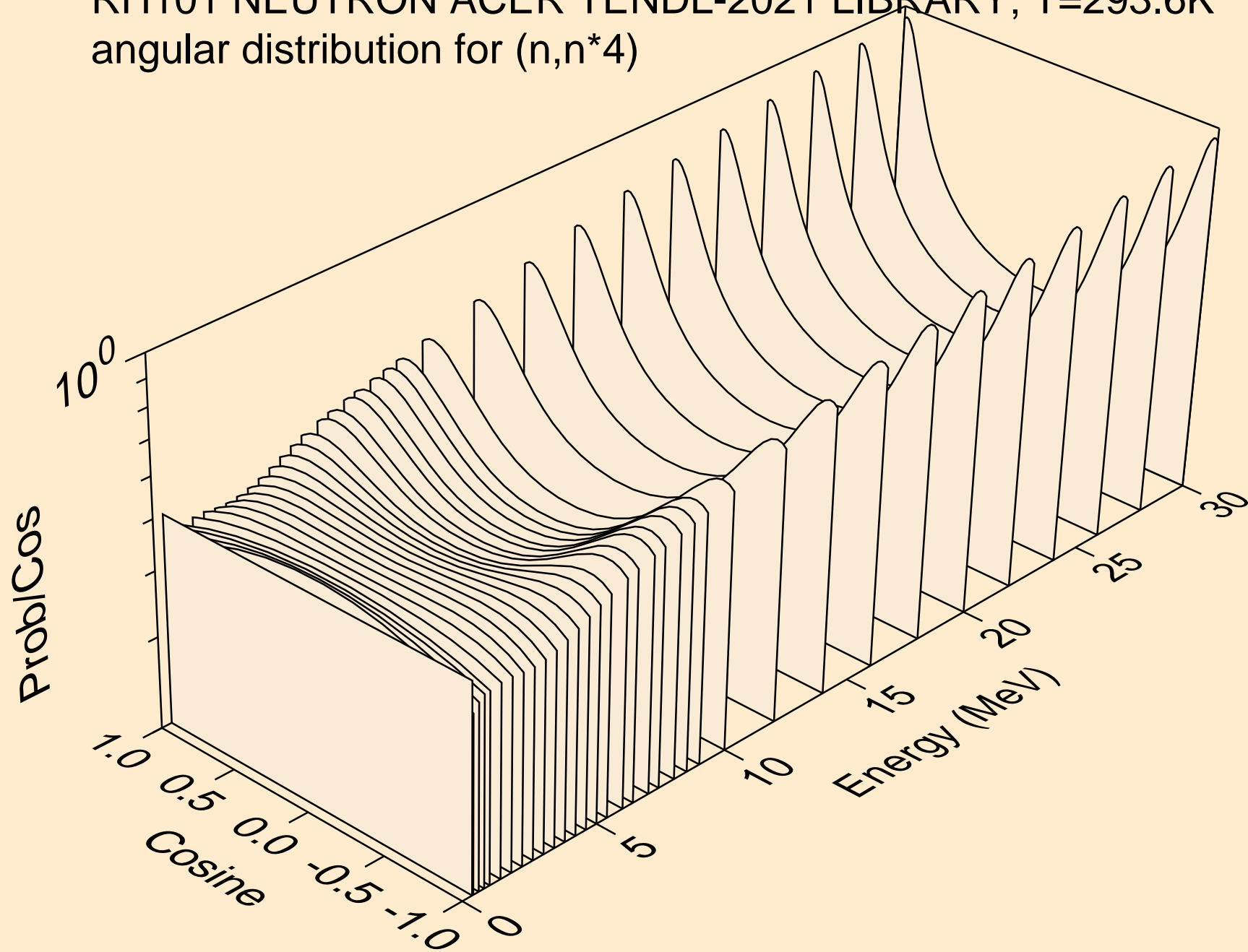


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

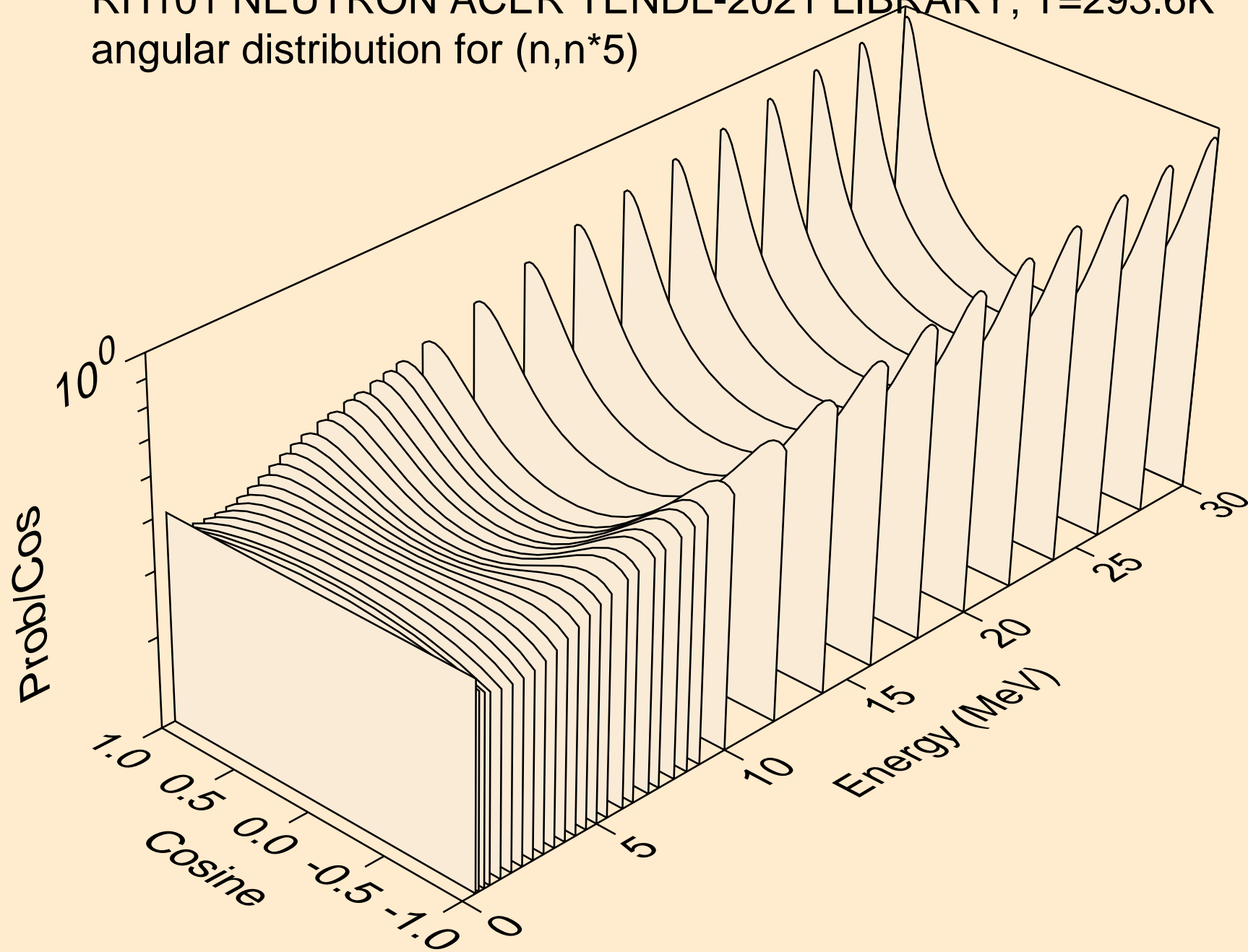




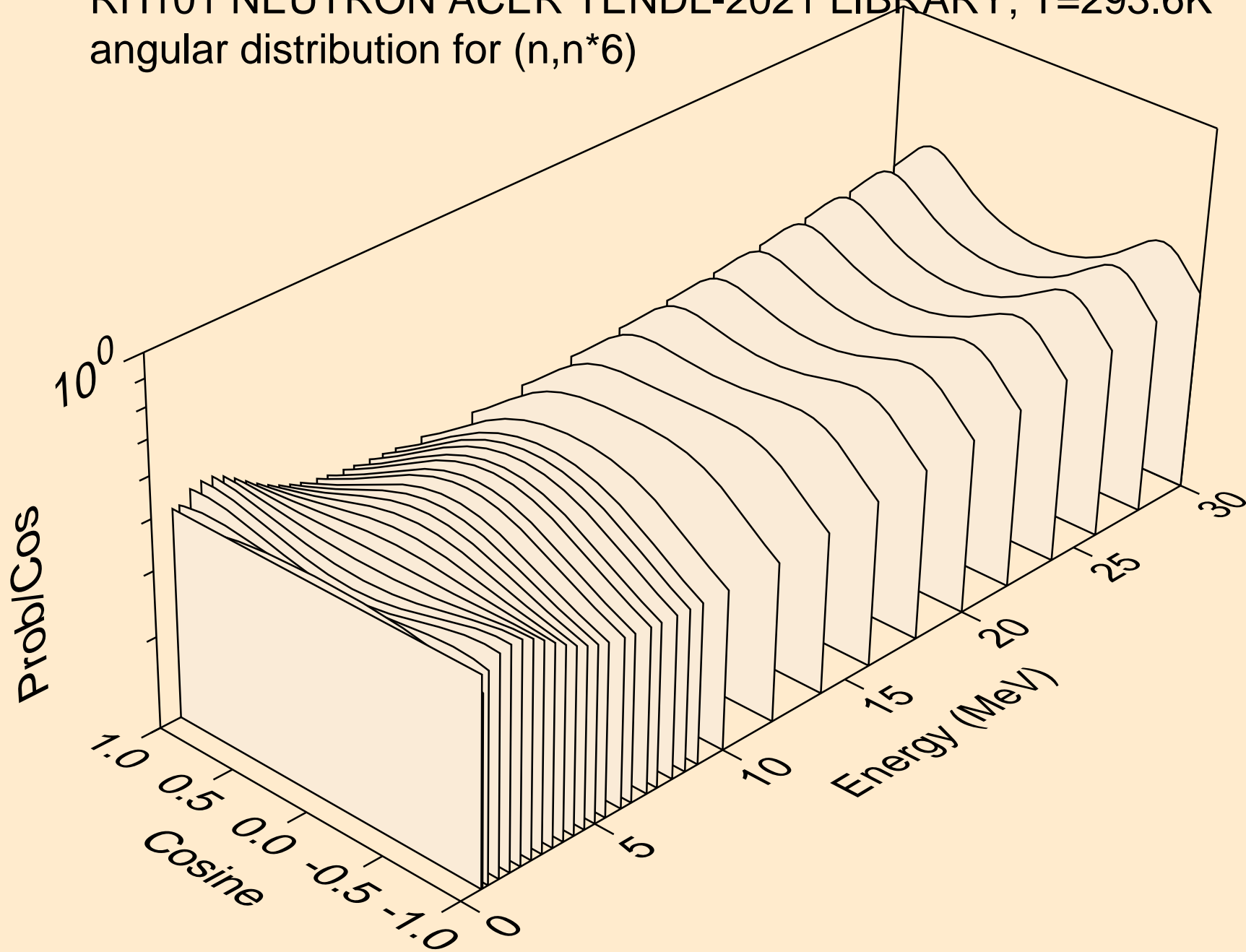
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angular distribution for (n,n\*4)



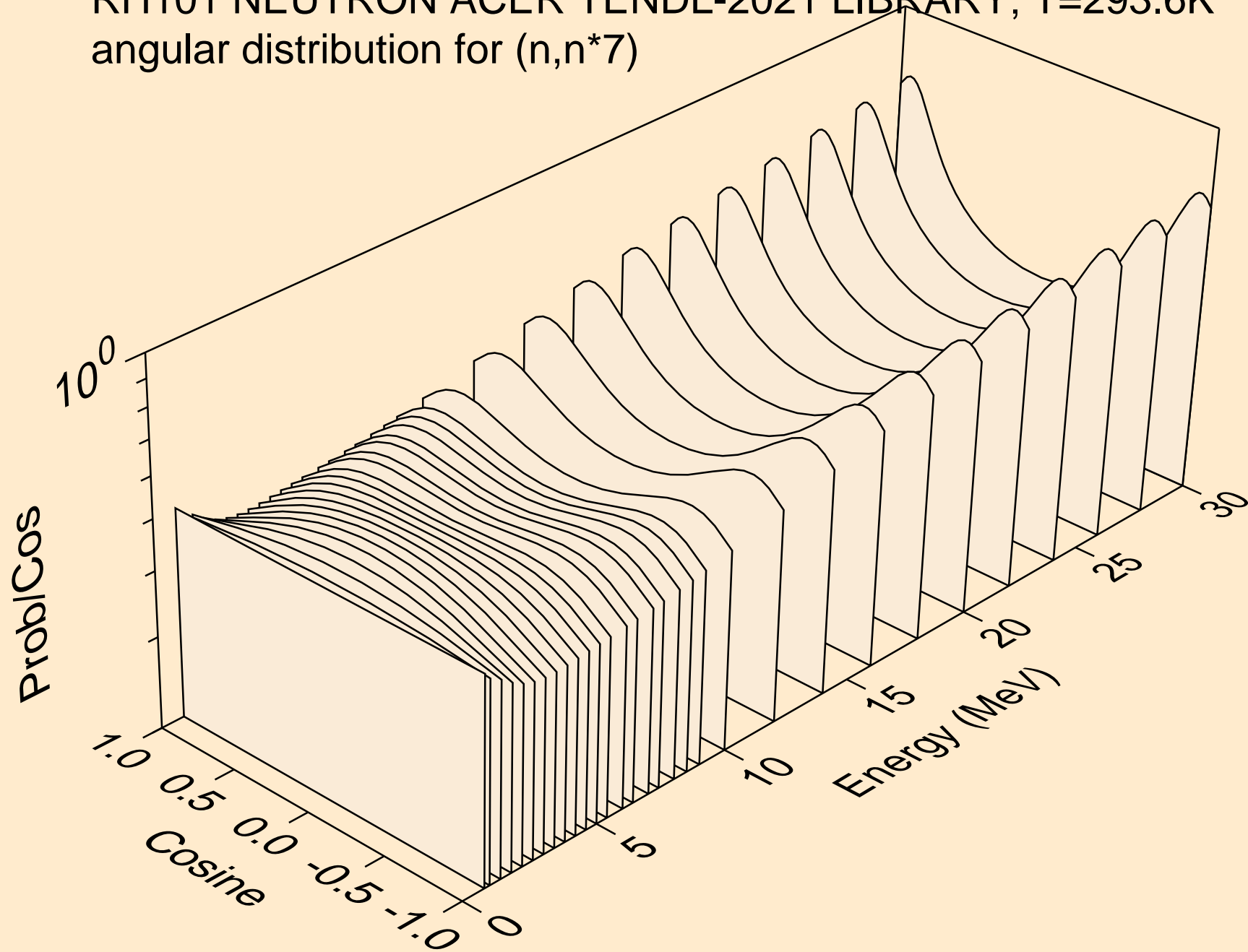
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angular distribution for (n,n\*5)



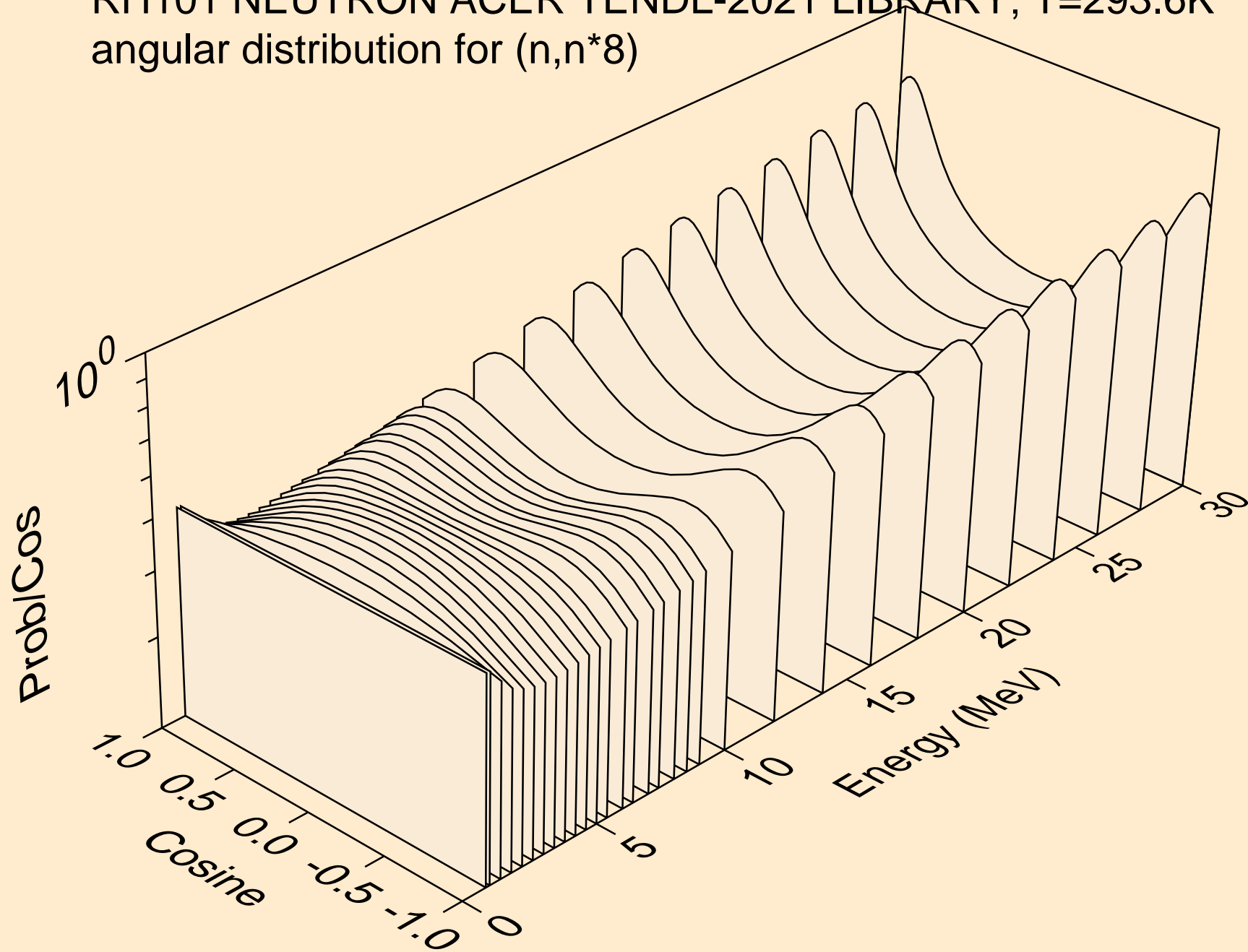
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angular distribution for (n,n\*6)



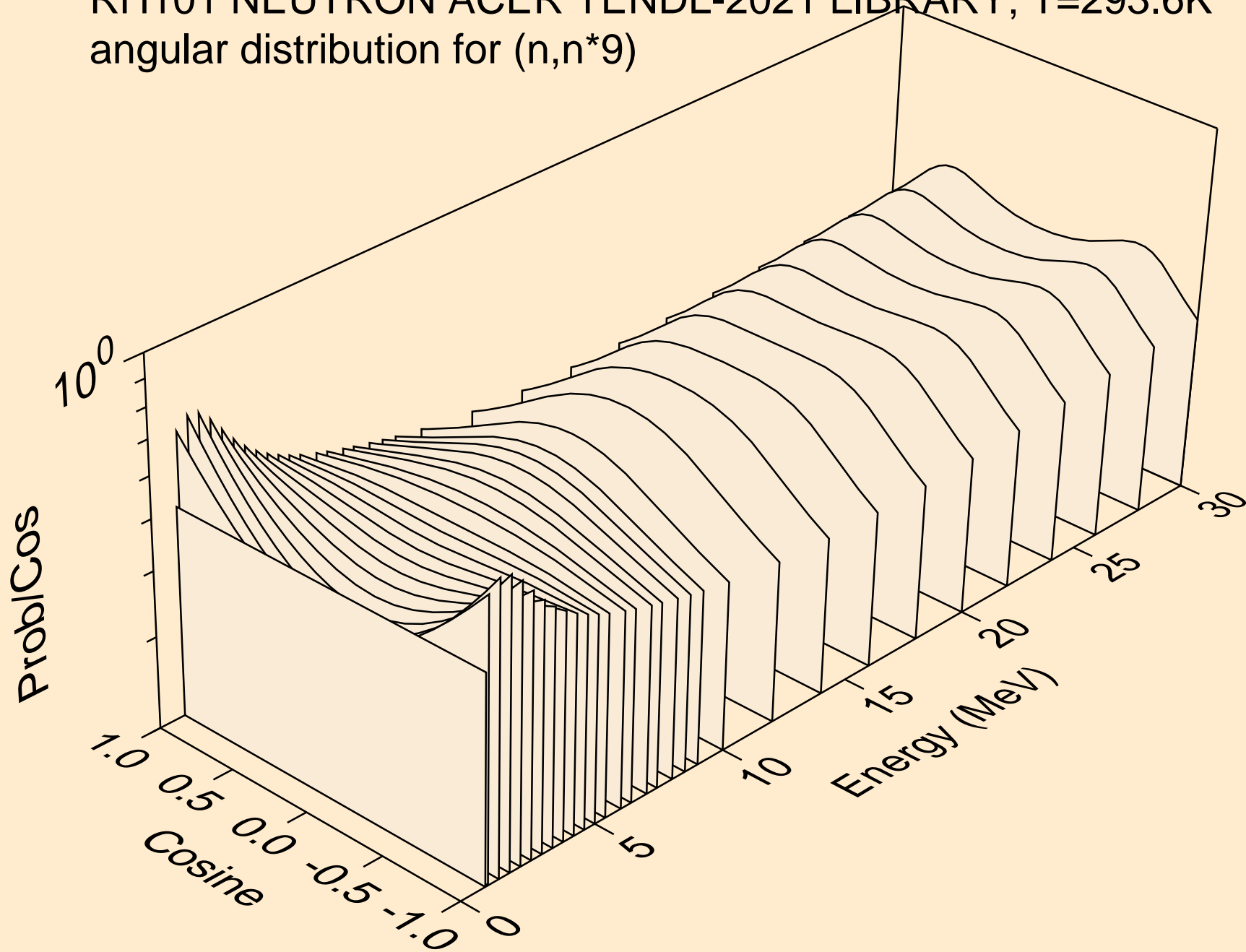
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angular distribution for (n,n\*7)



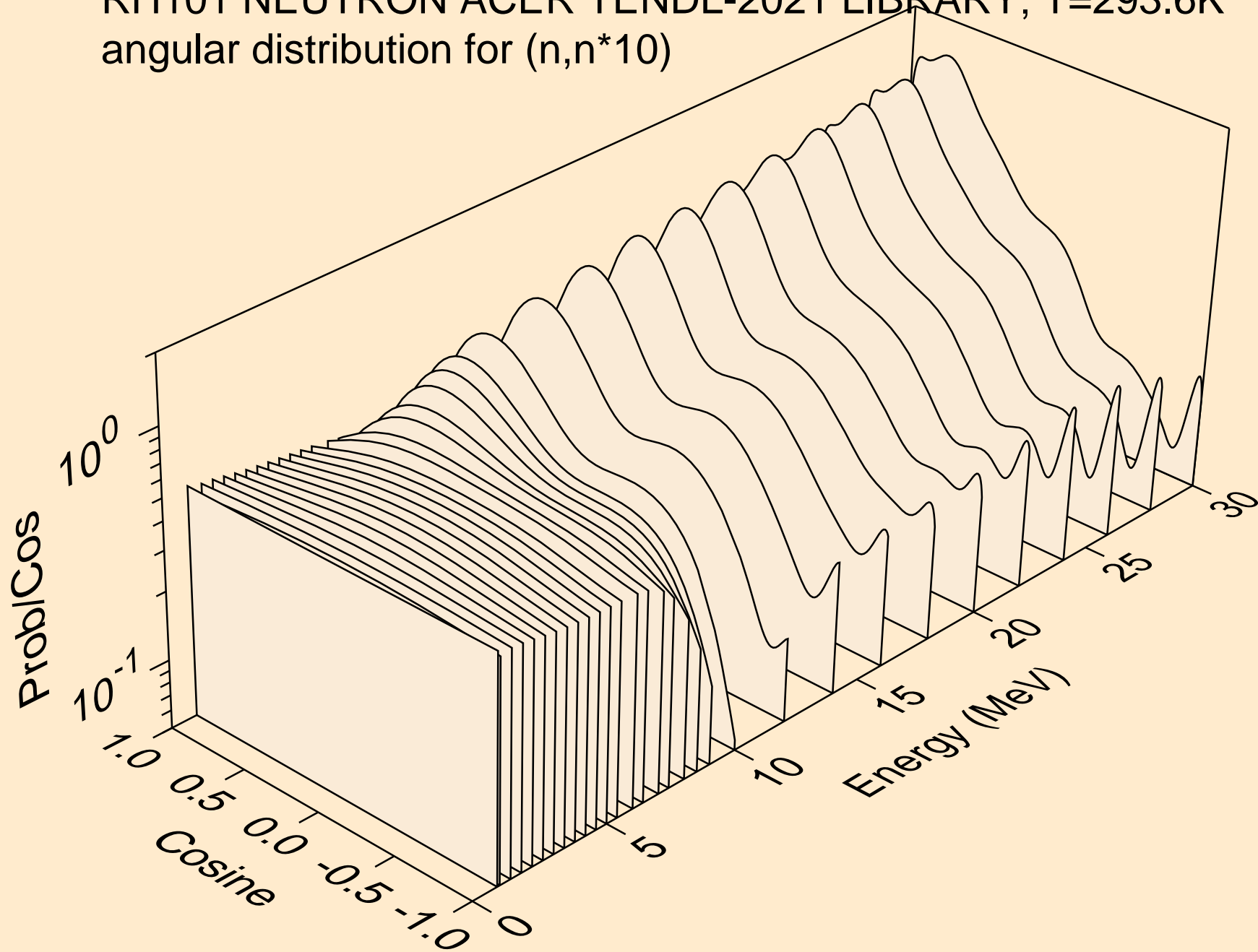
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angular distribution for (n,n\*8)



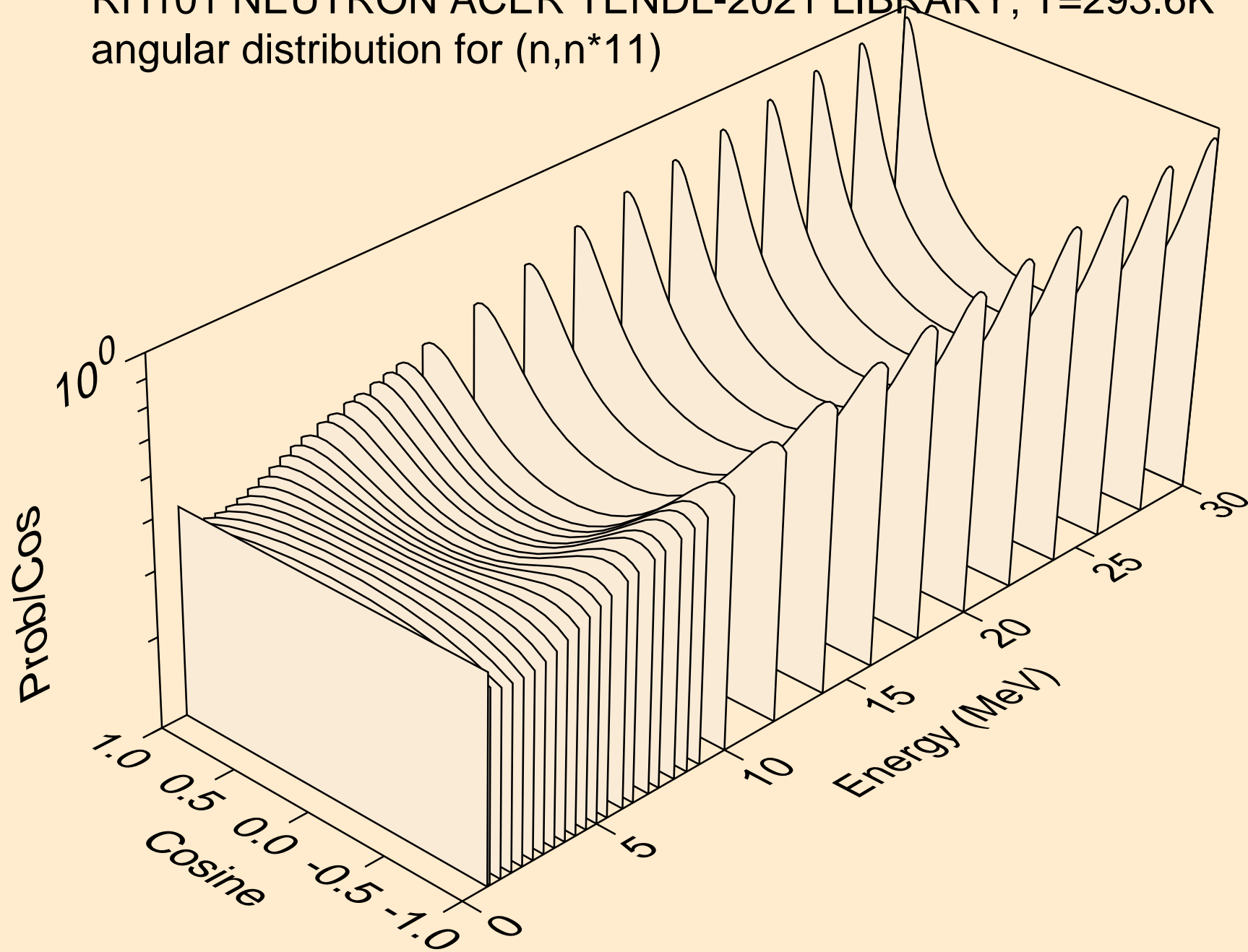
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

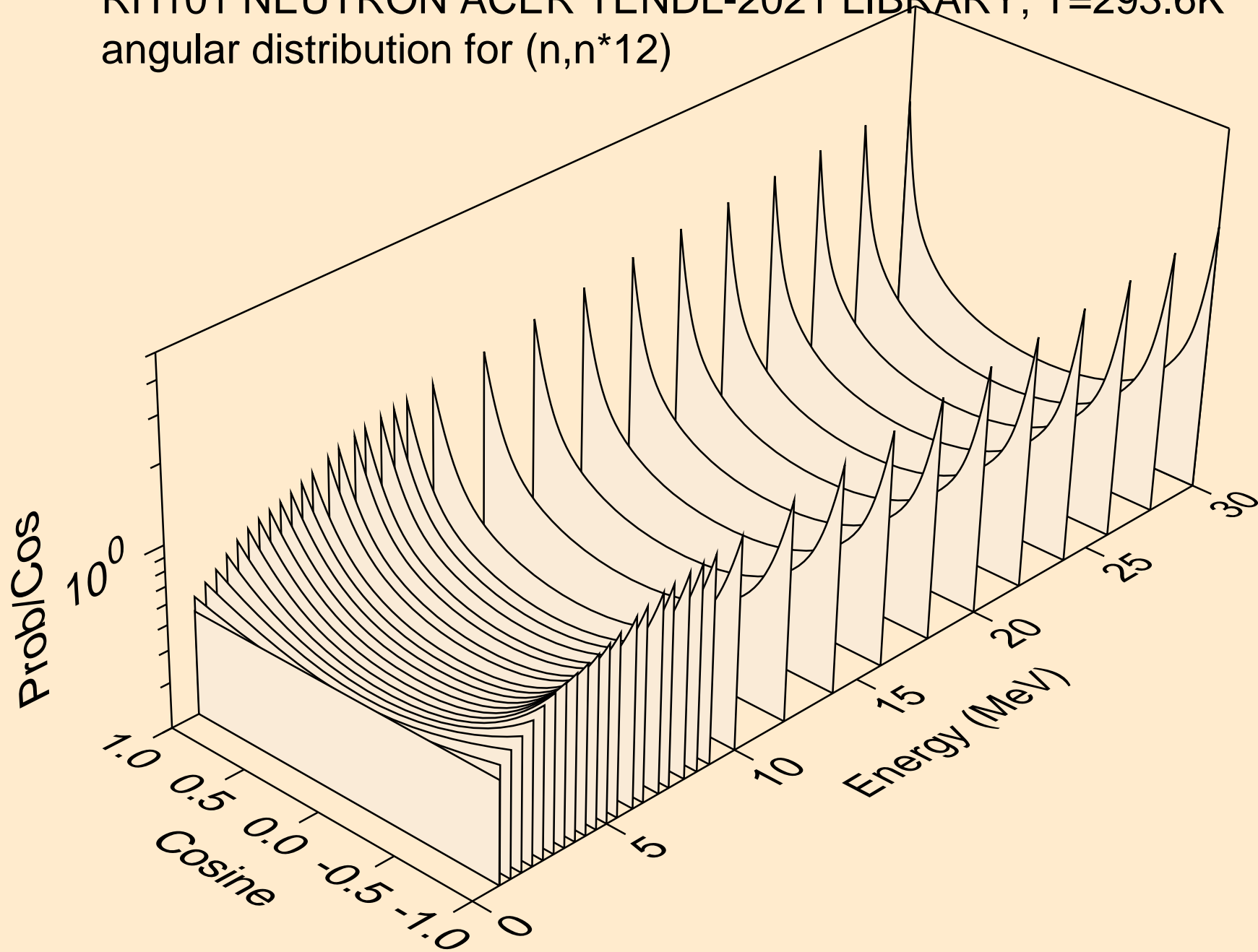


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

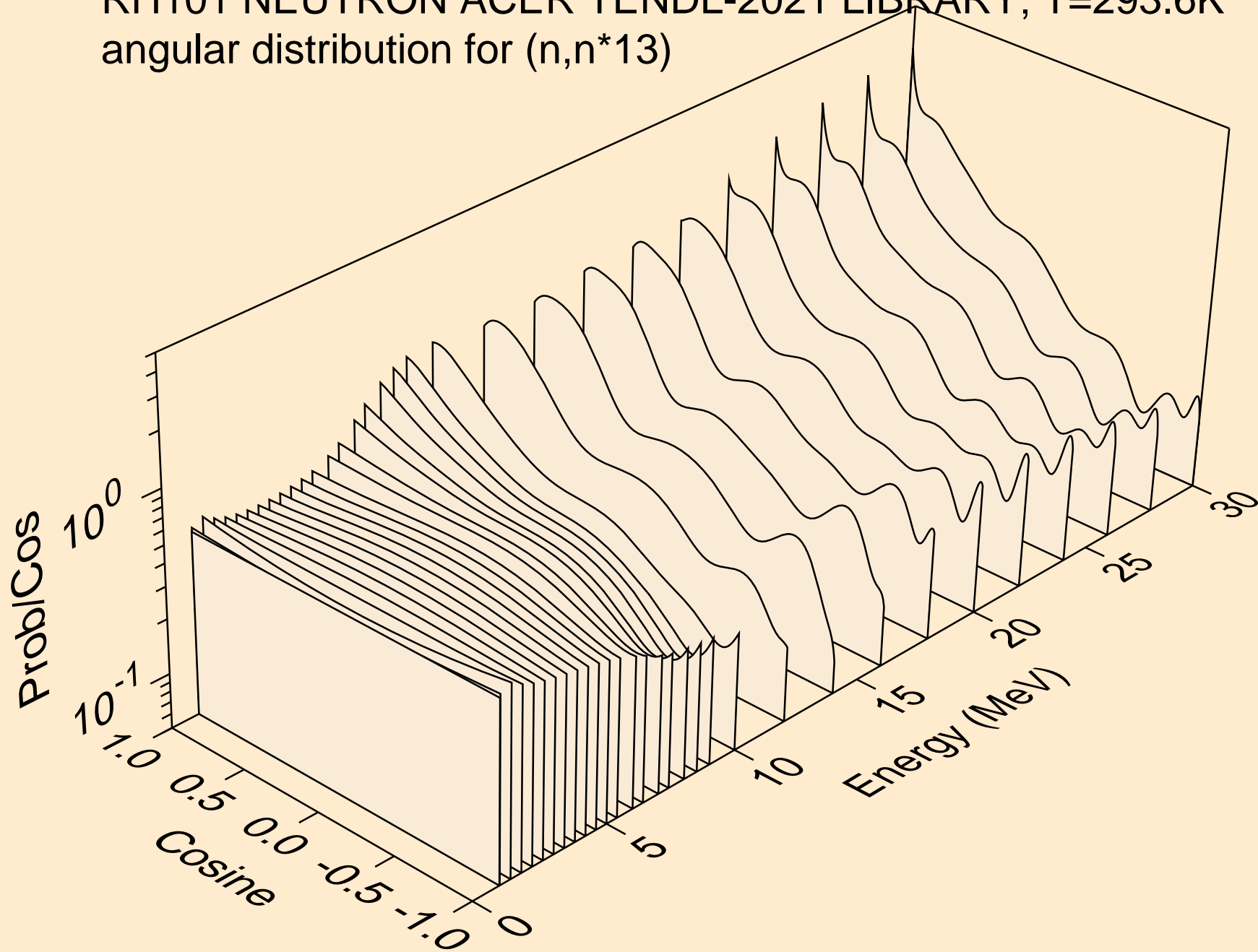




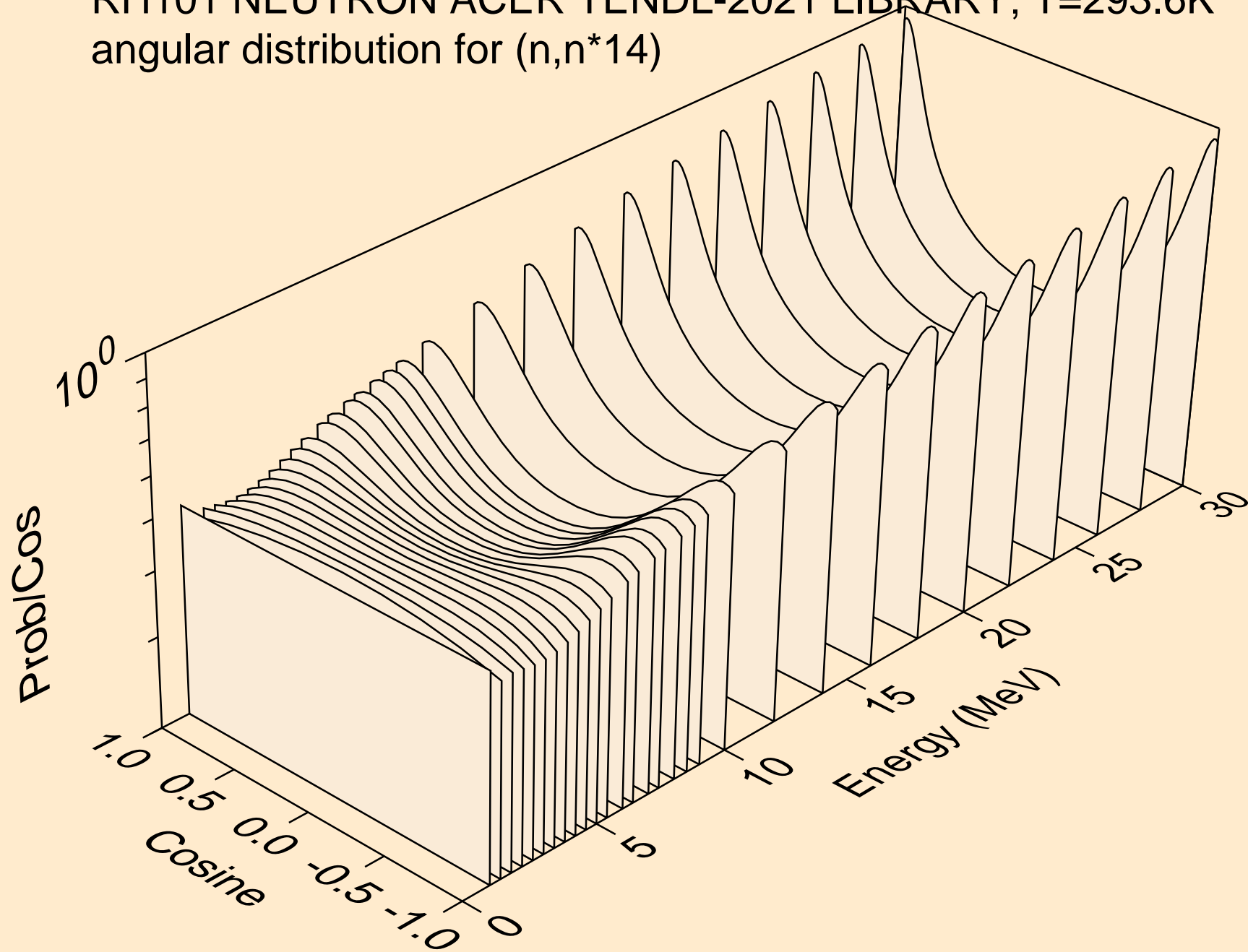
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angular distribution for (n,n\*12)



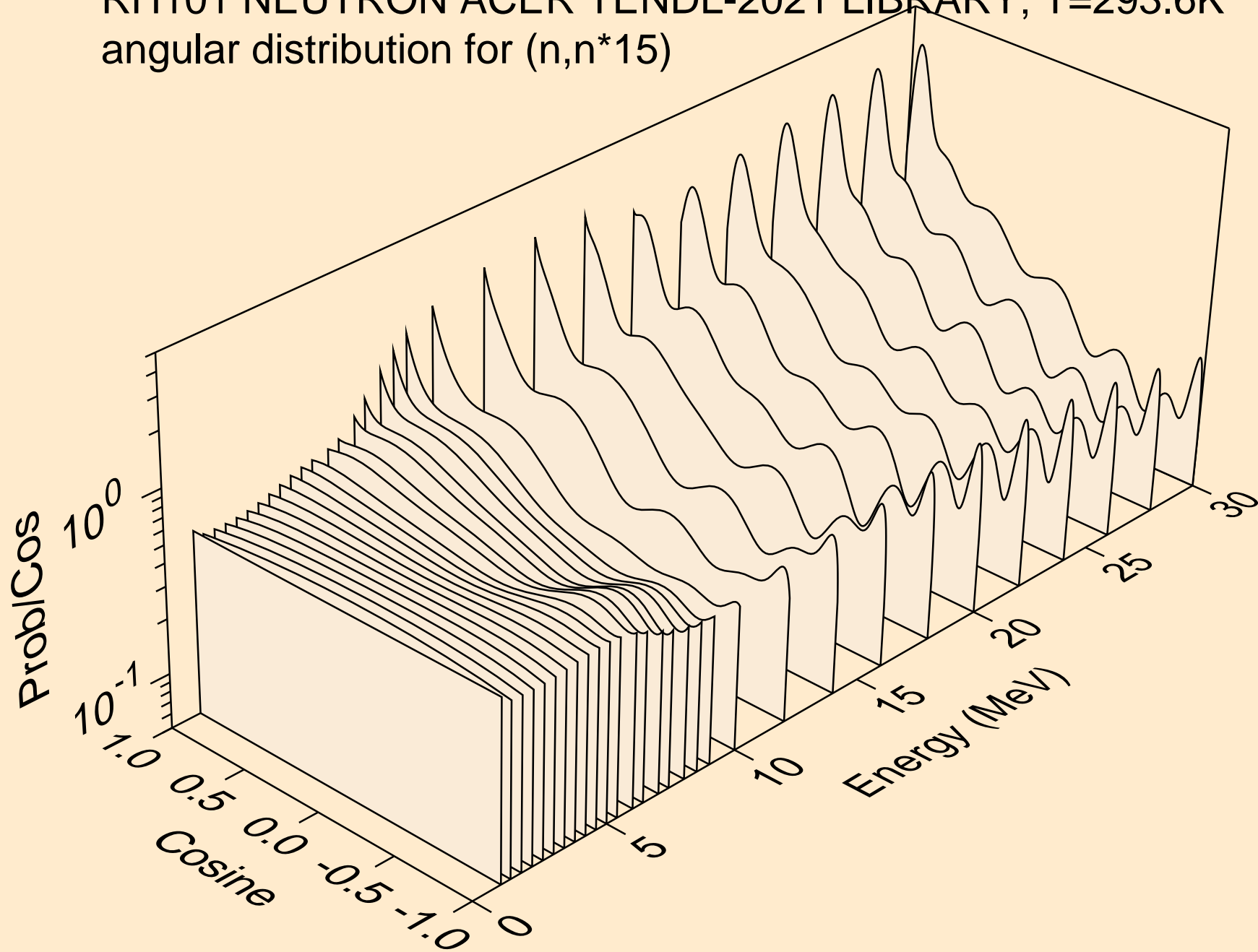
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angular distribution for (n,n\*13)



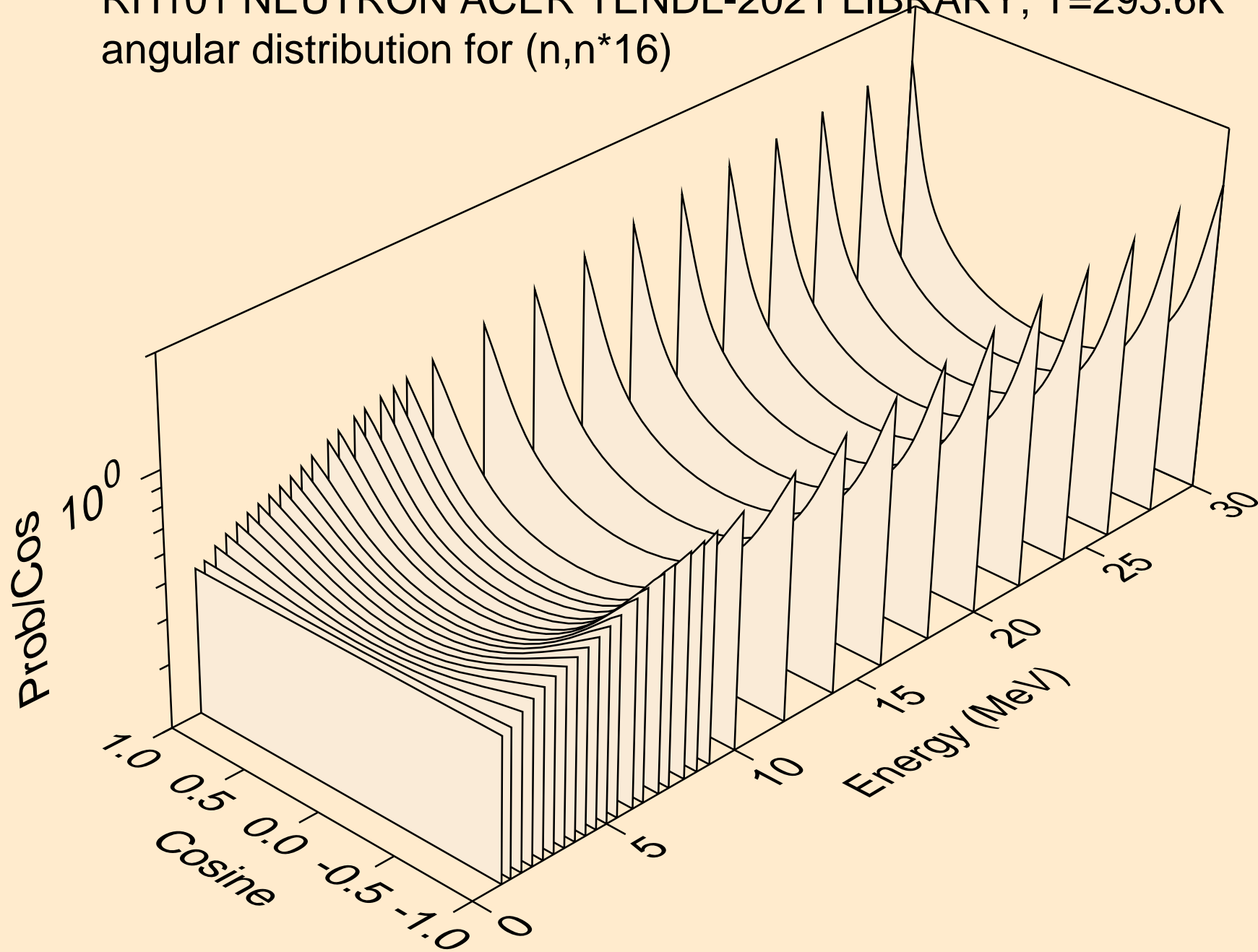
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angular distribution for (n,n\*14)



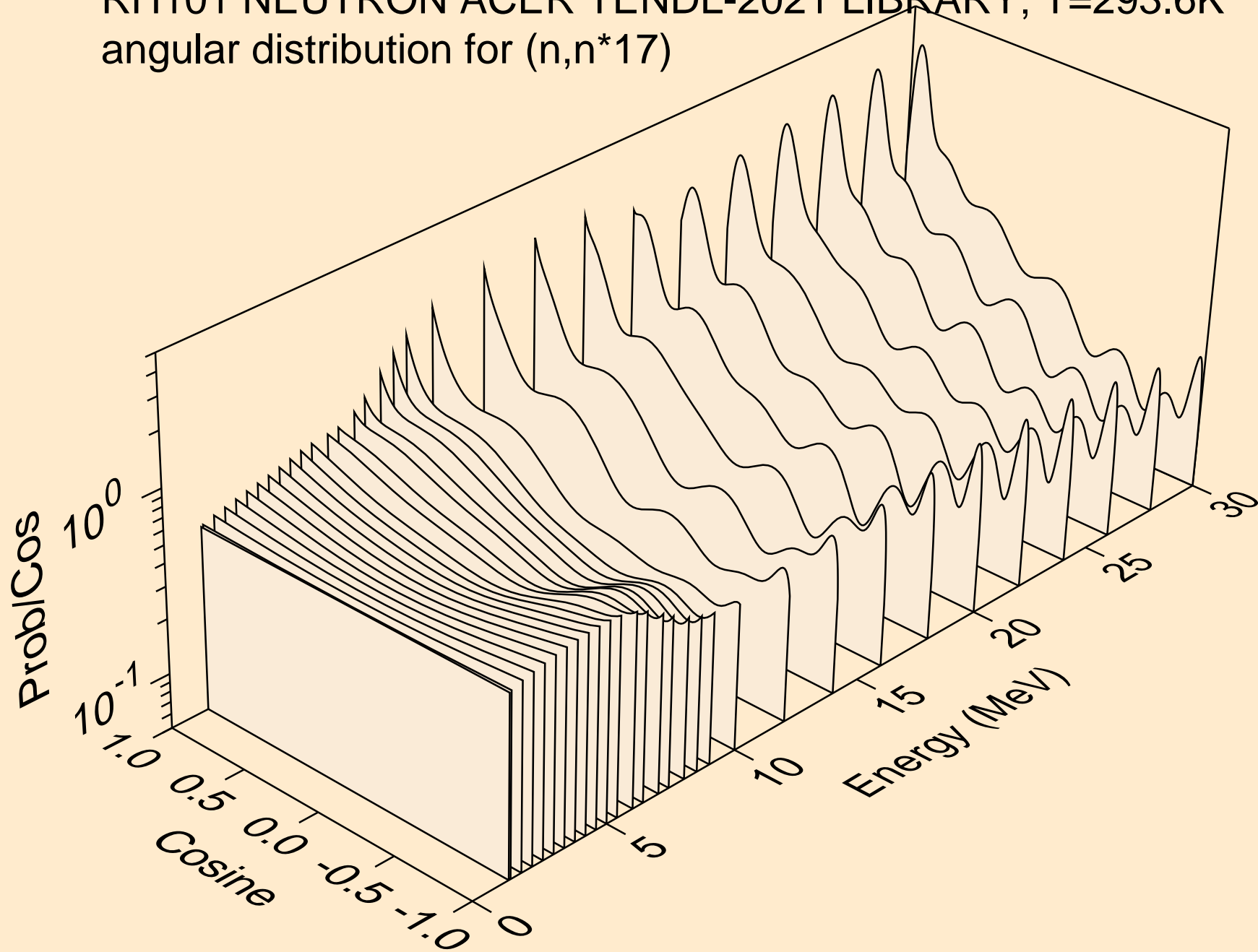
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angular distribution for (n,n\*15)



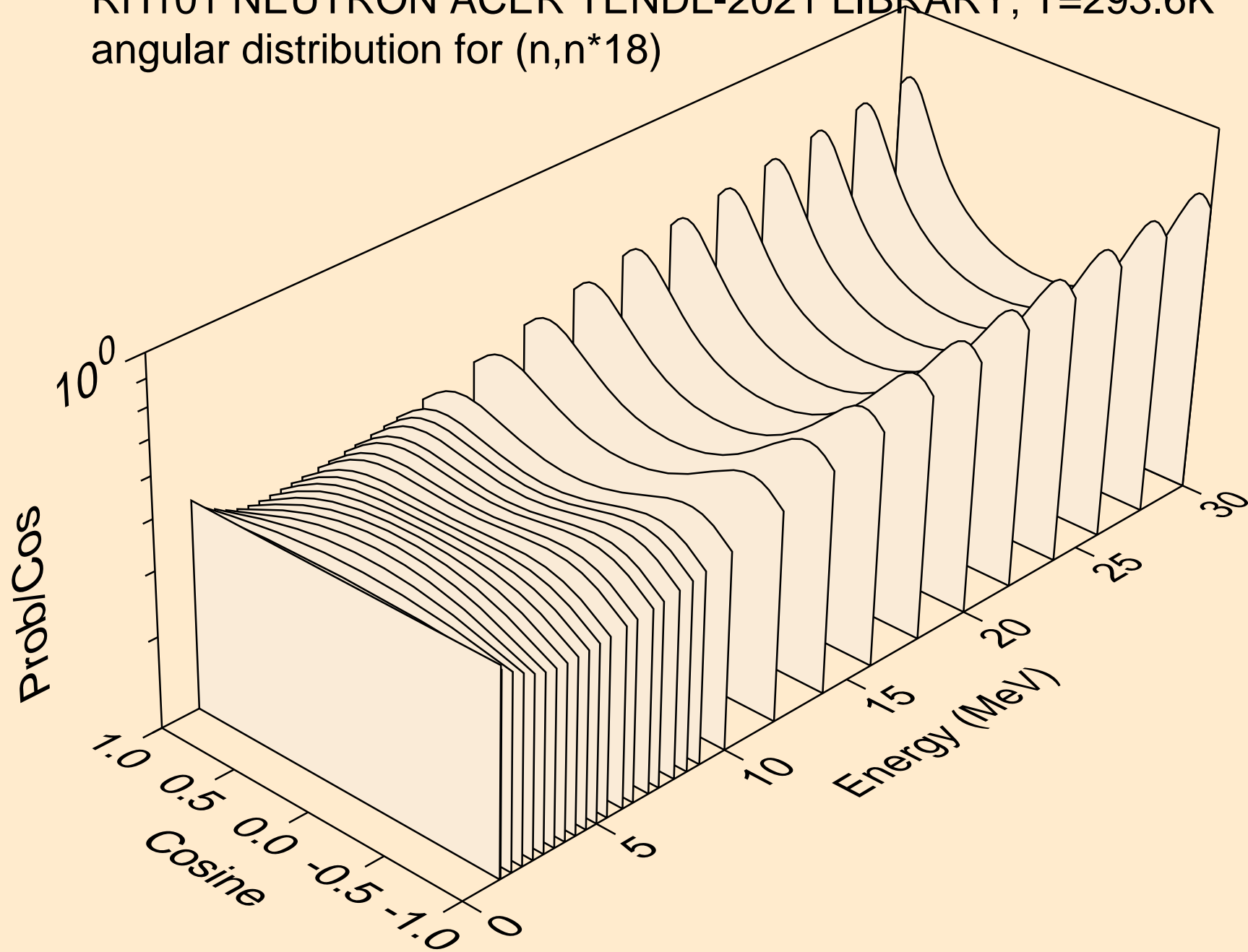
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angular distribution for (n,n\*16)



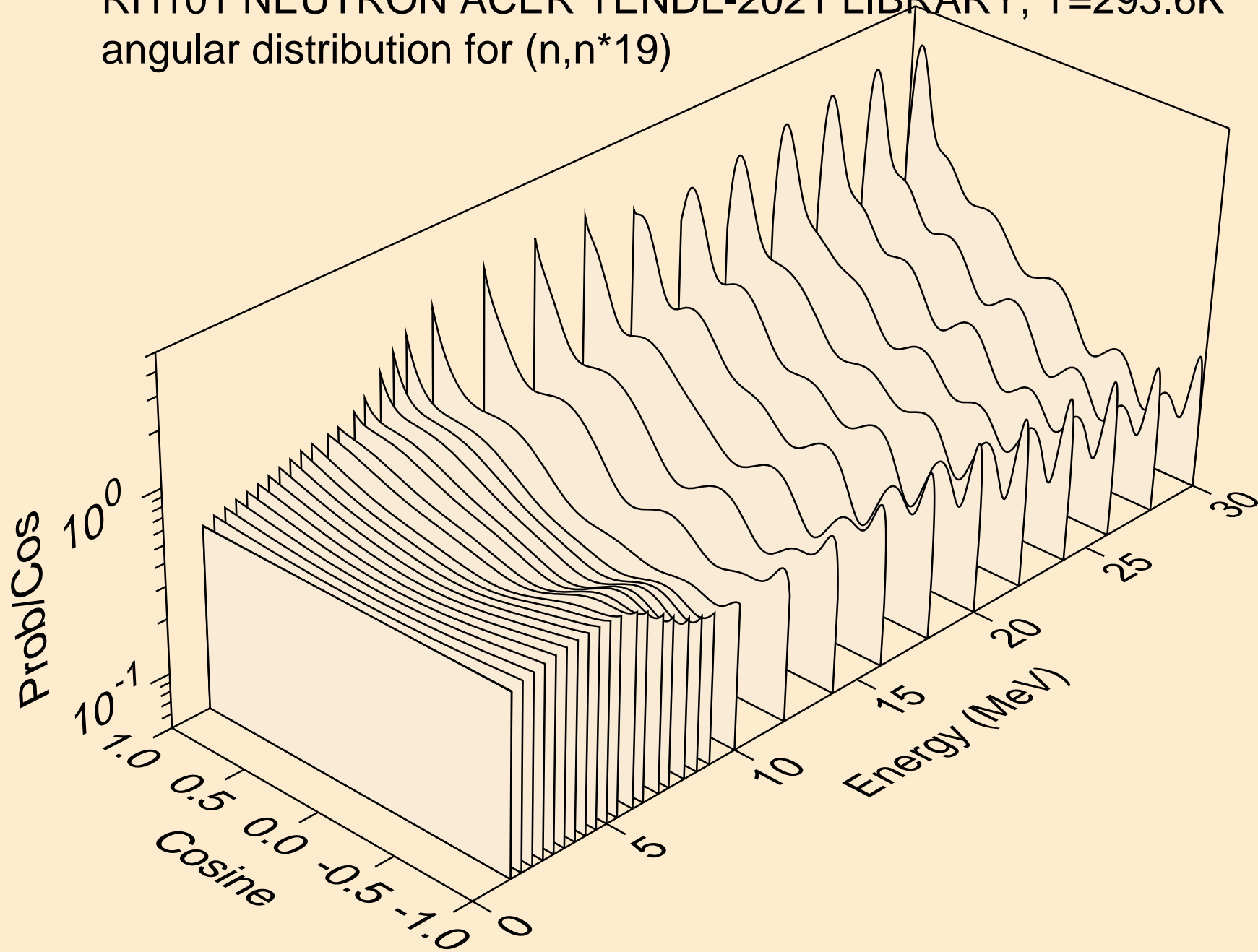
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

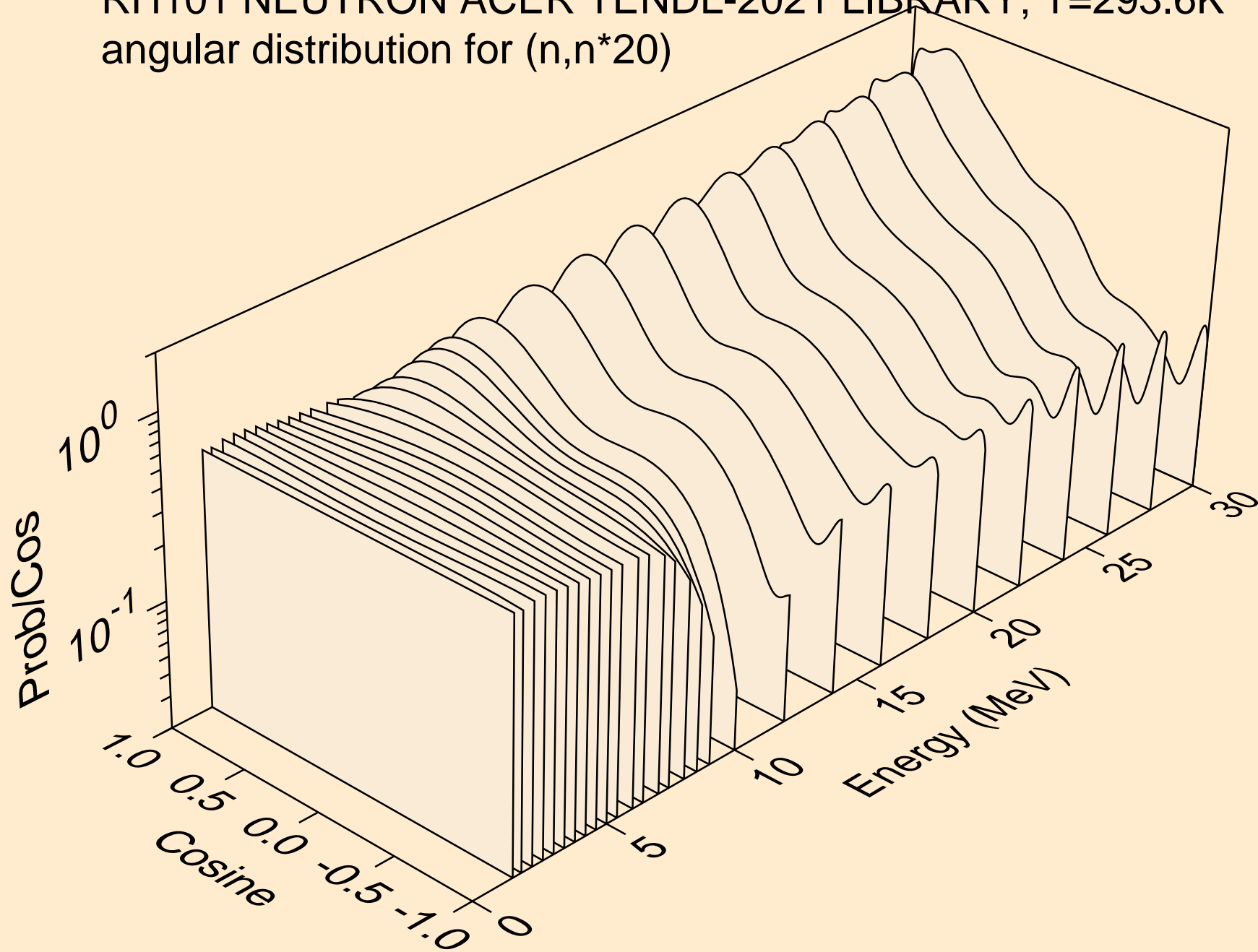


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

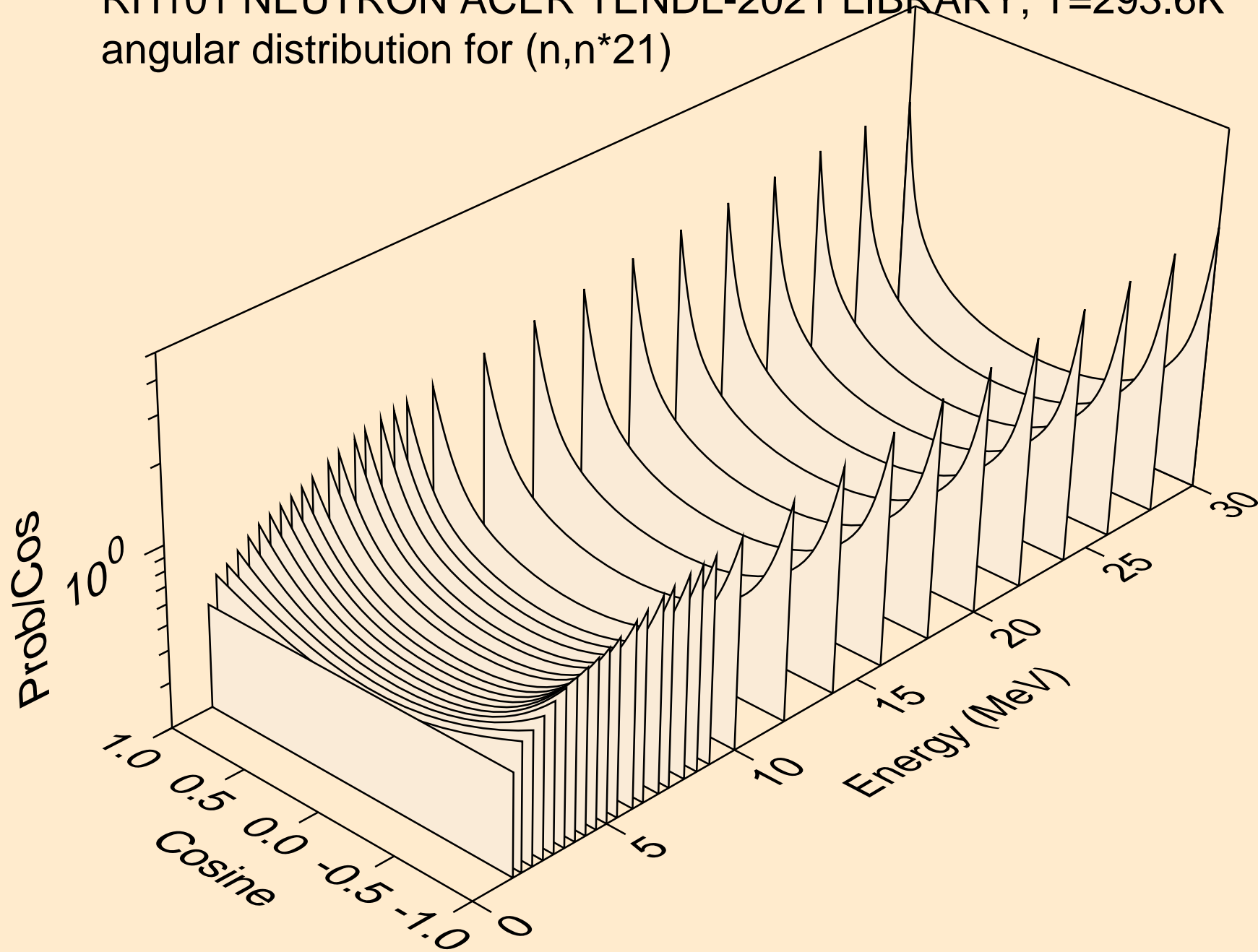




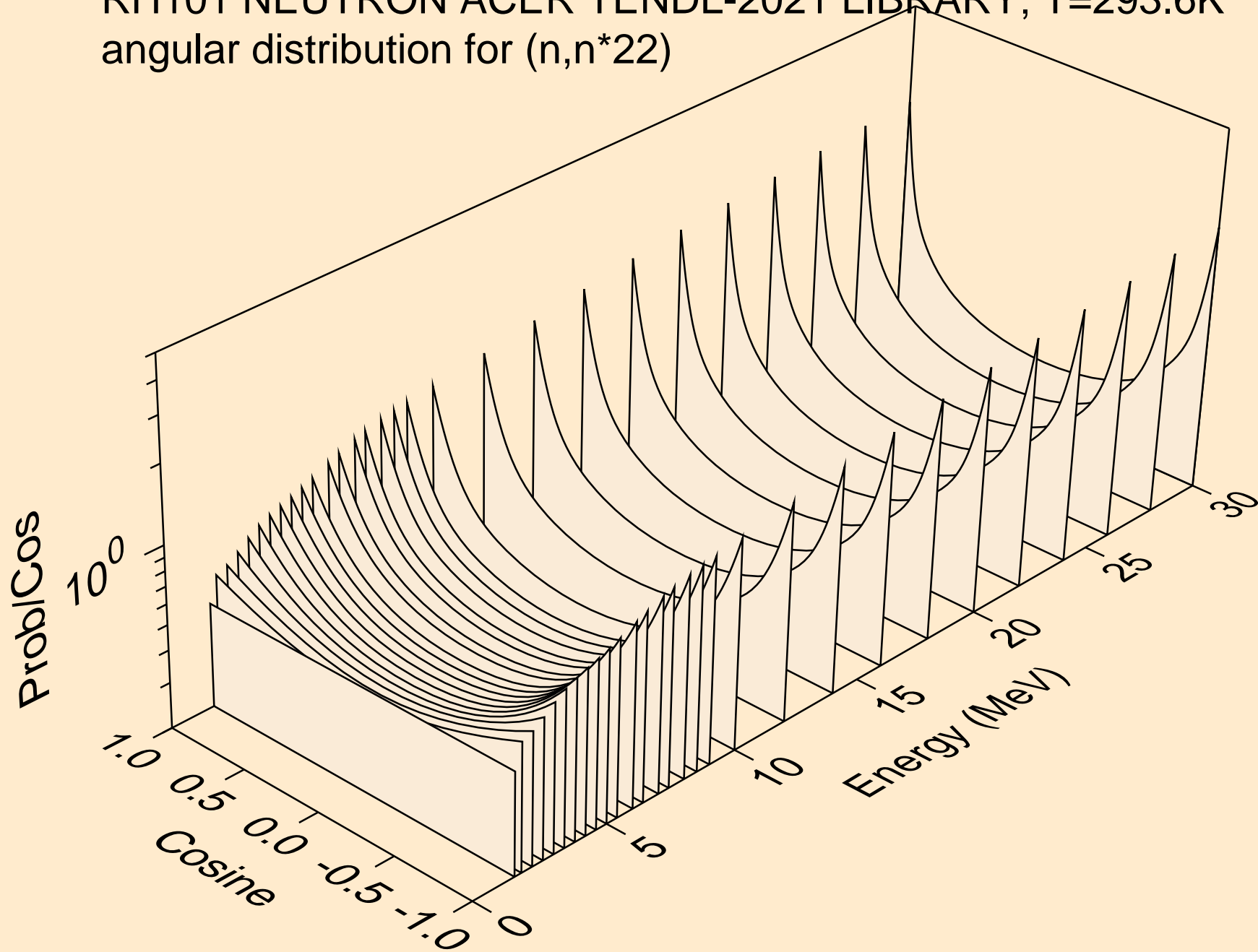
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angular distribution for (n,n\*20)



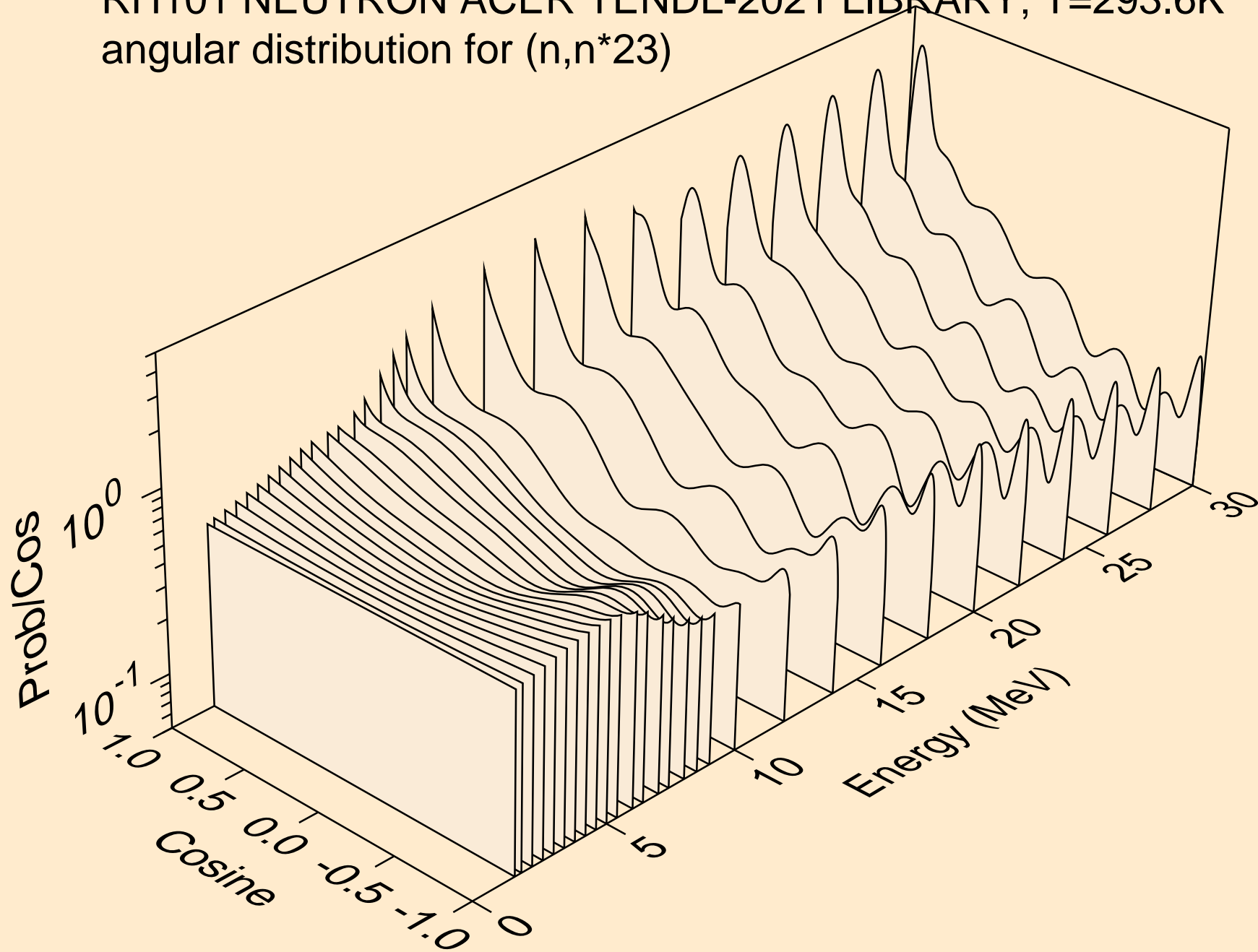
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angular distribution for (n,n\*21)



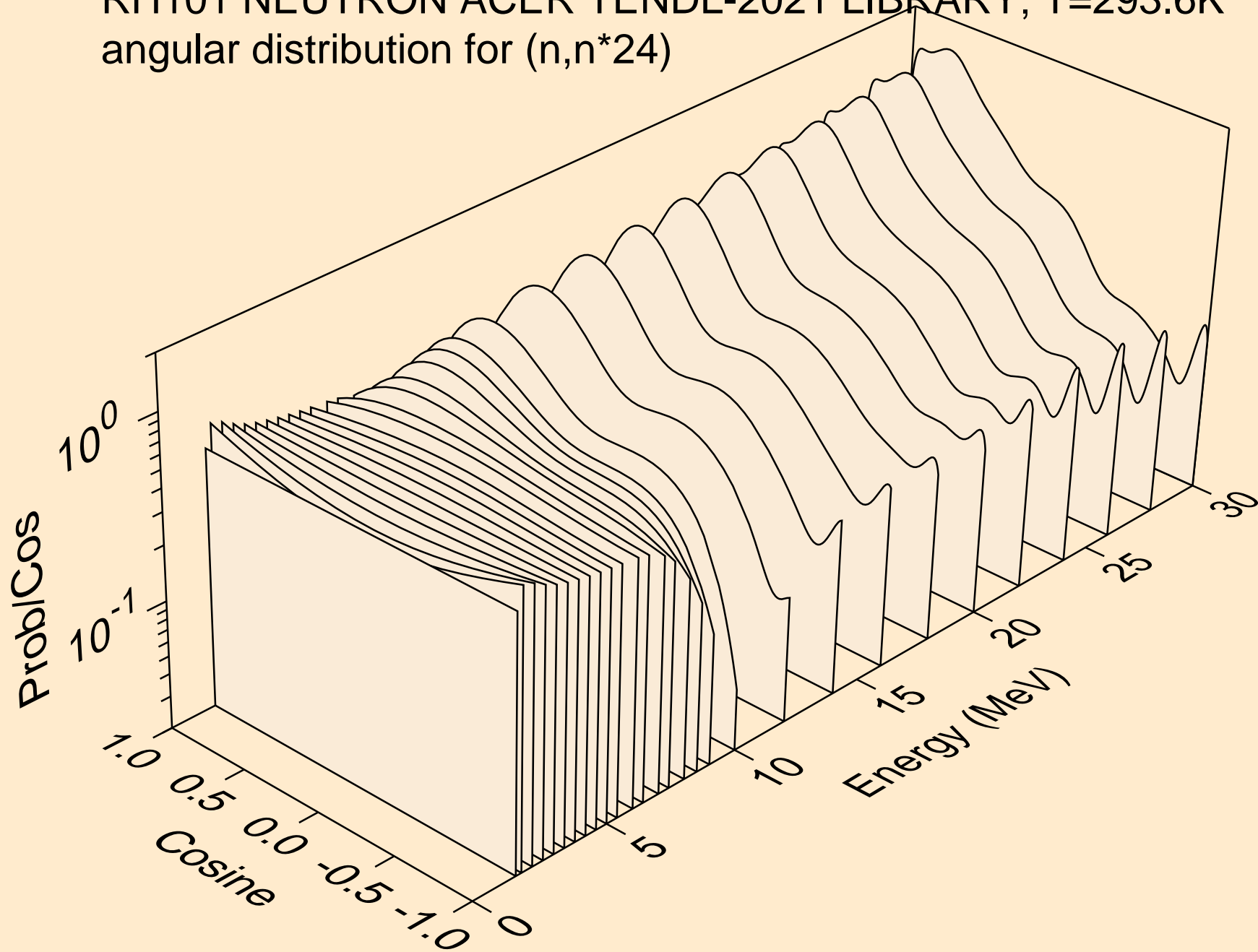
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angular distribution for (n,n\*22)



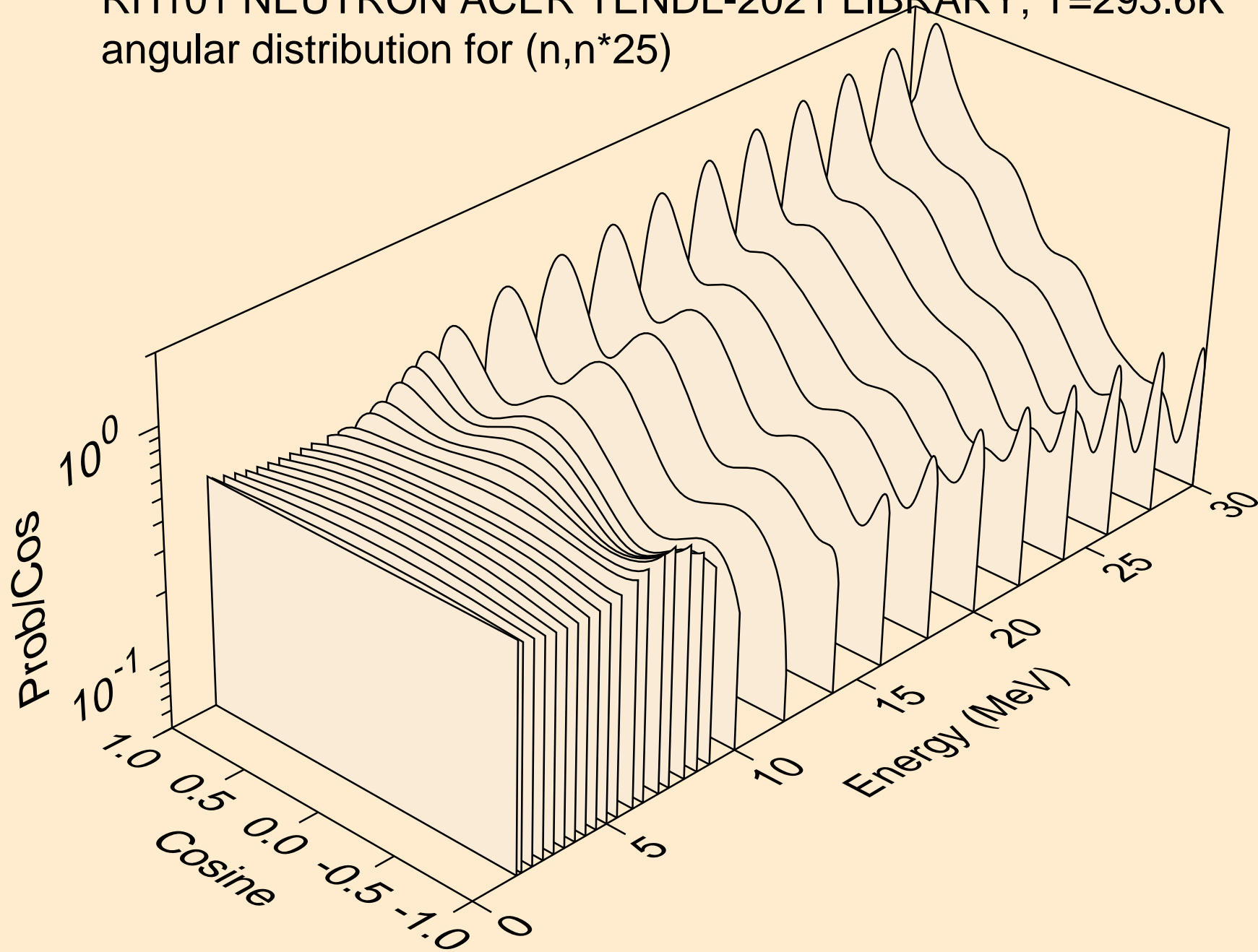
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angular distribution for (n,n\*23)



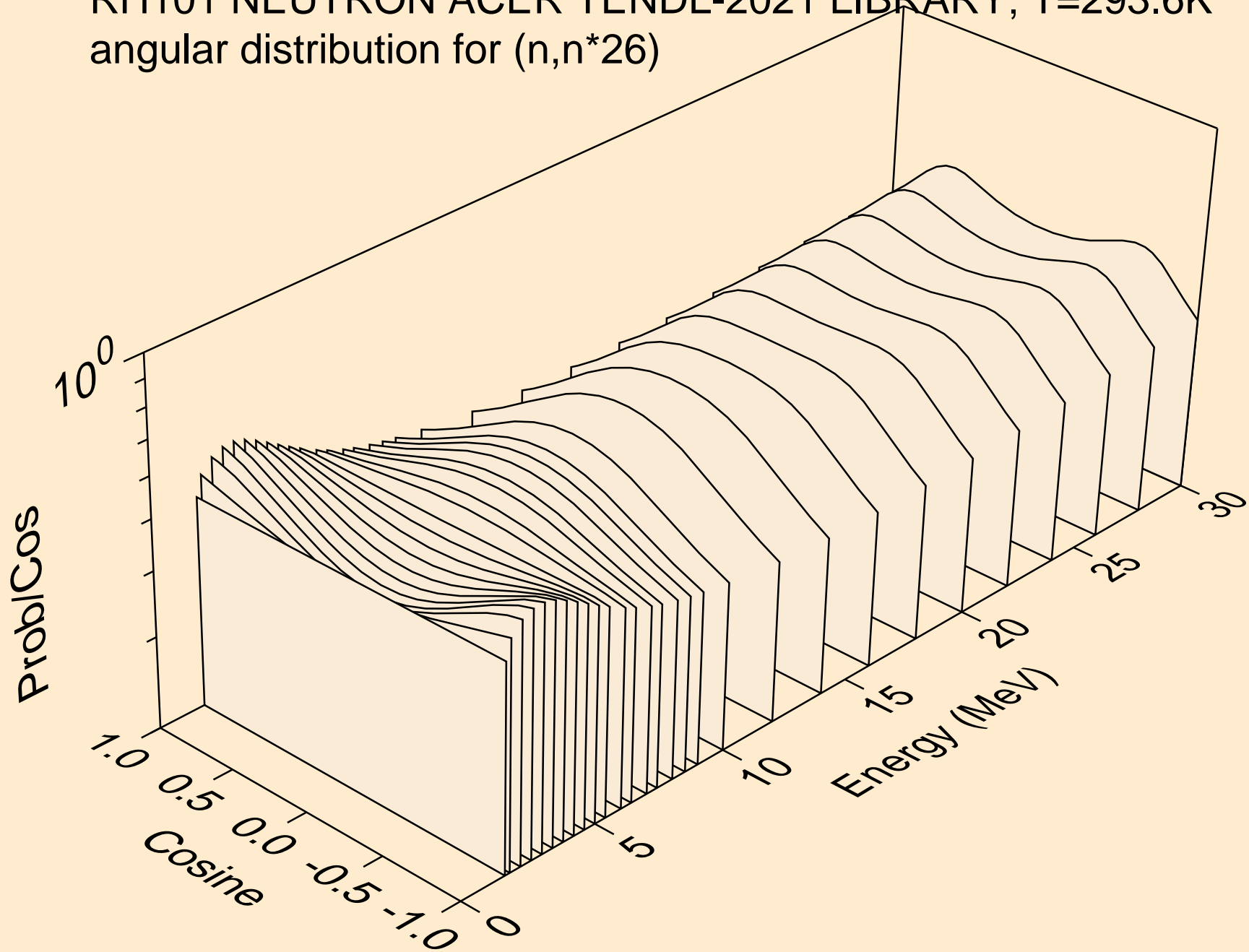
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angular distribution for (n,n\*24)



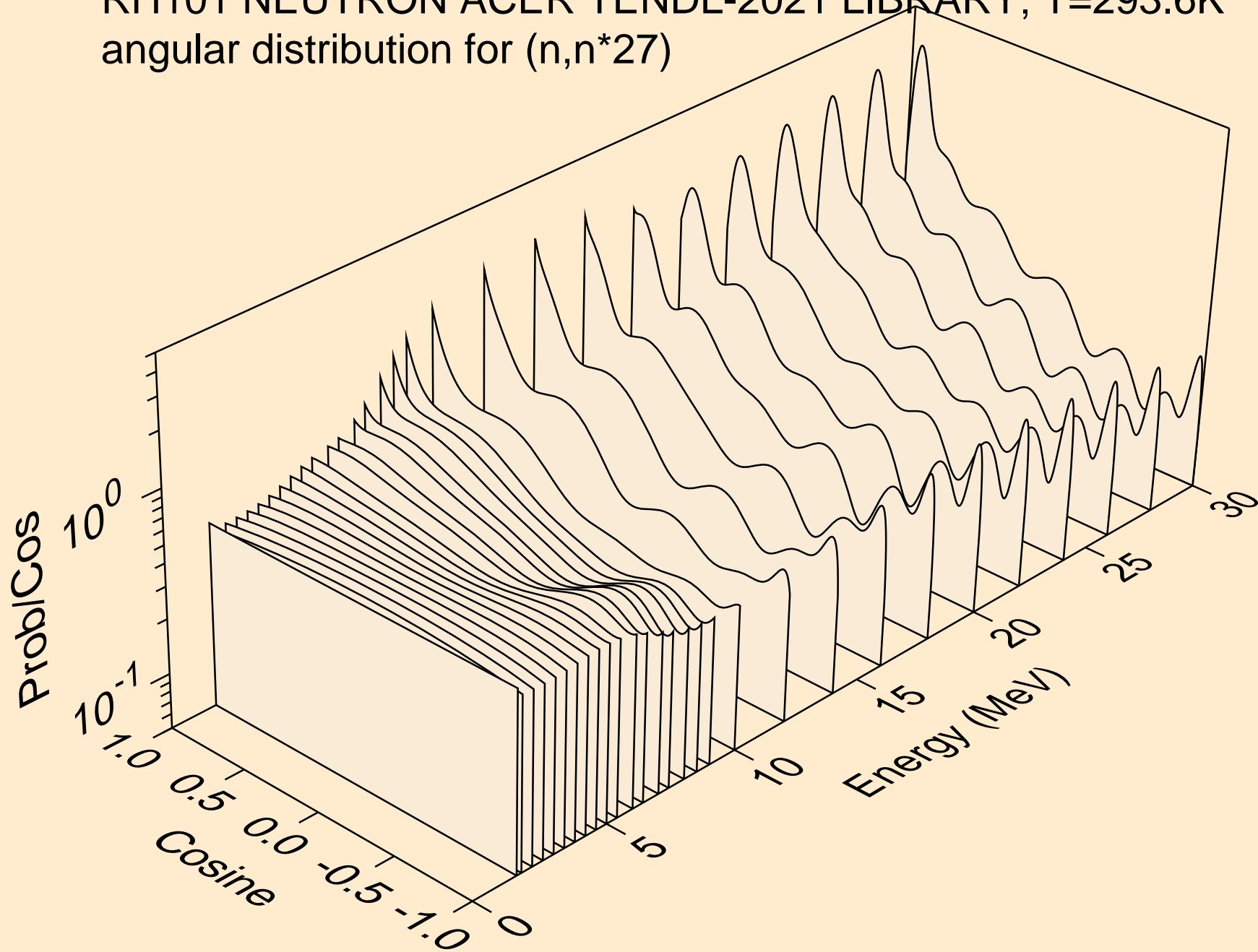
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

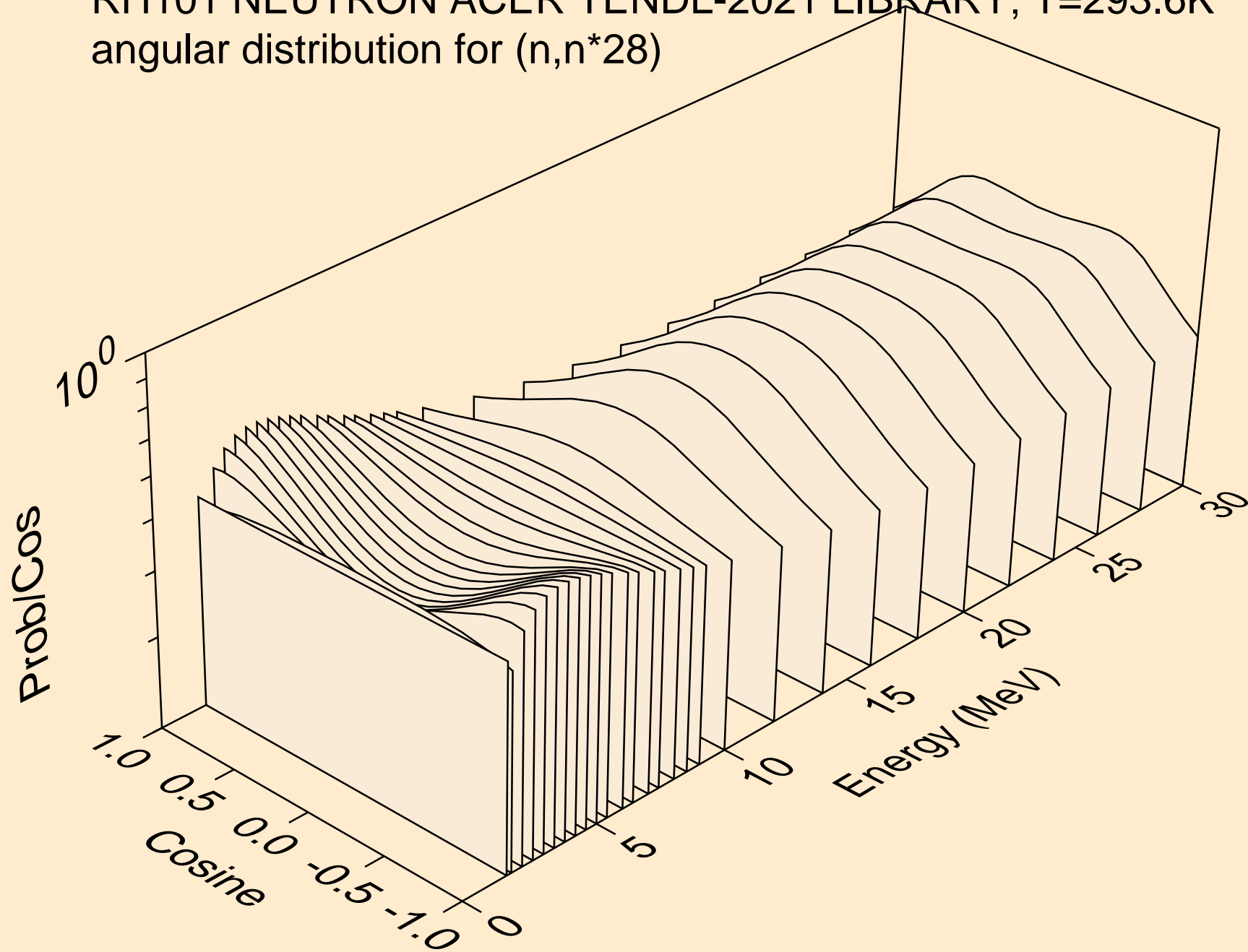


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

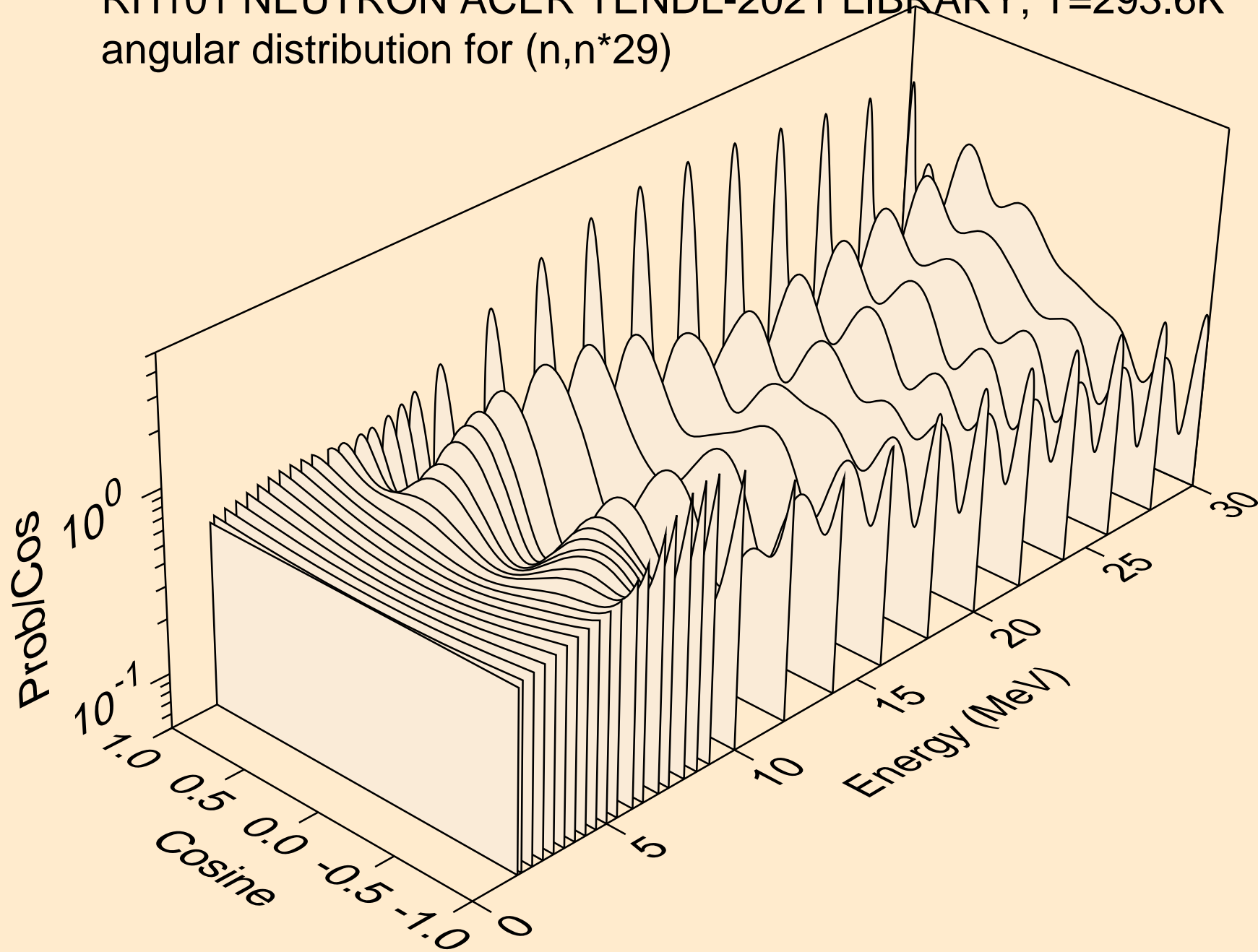




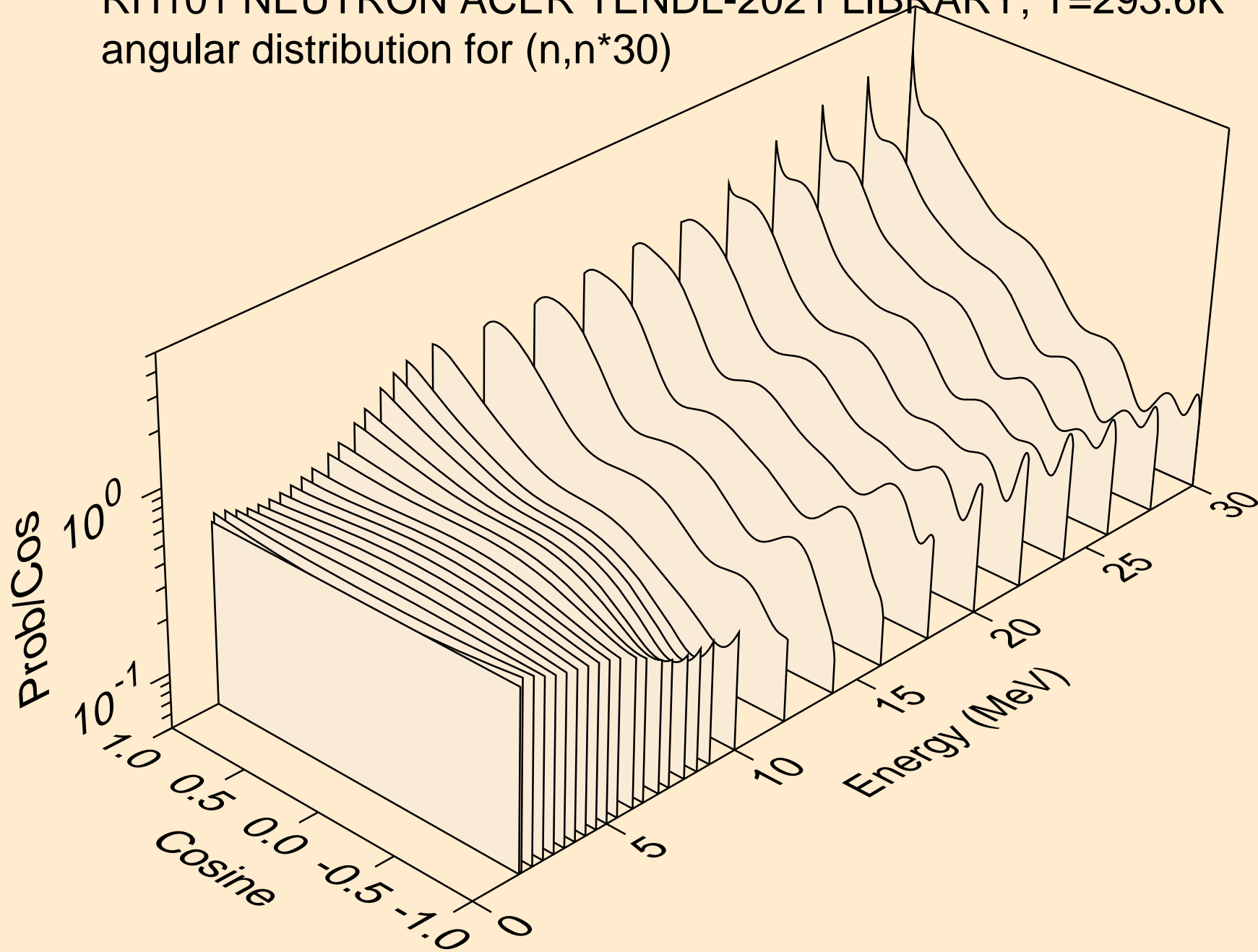
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



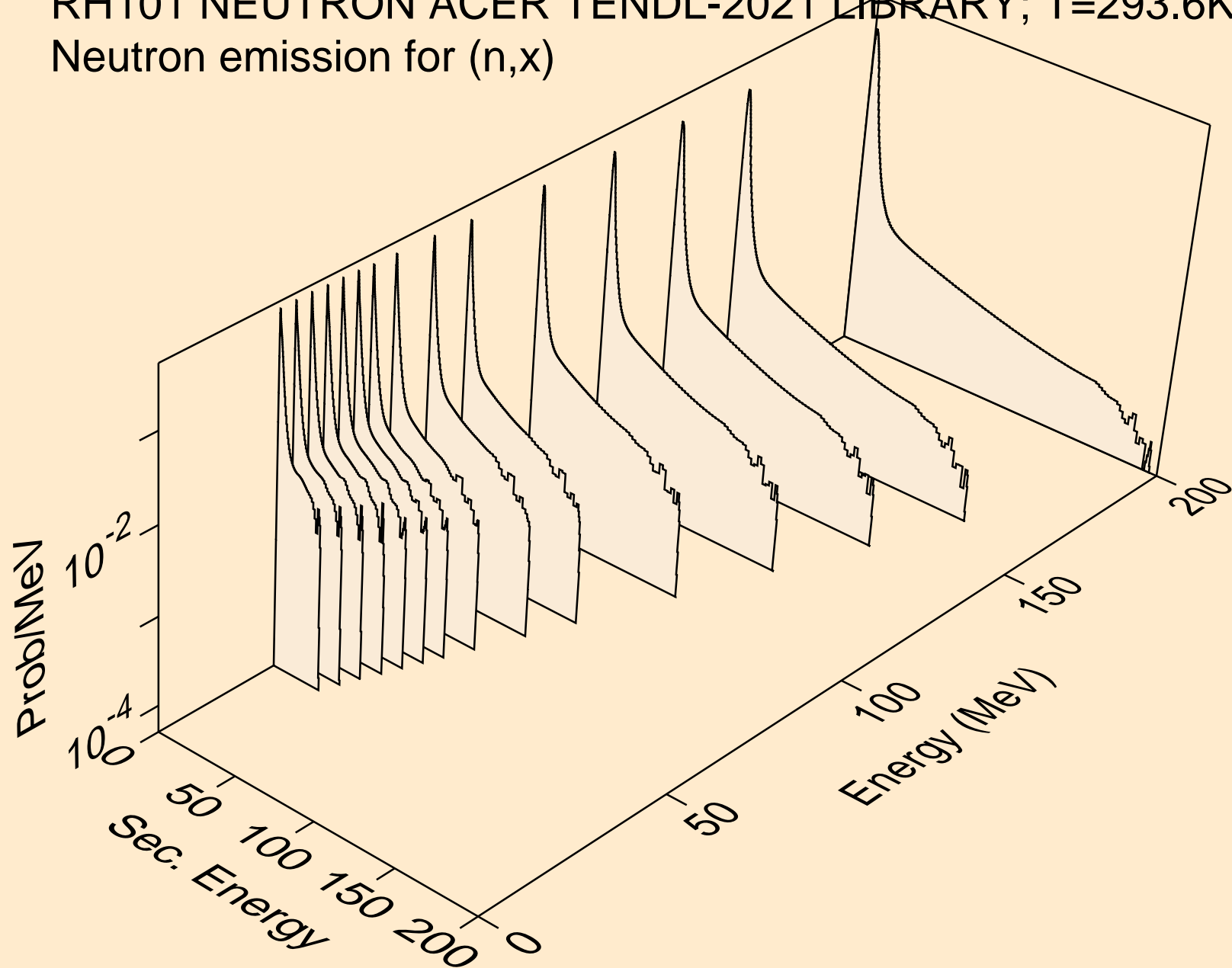
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



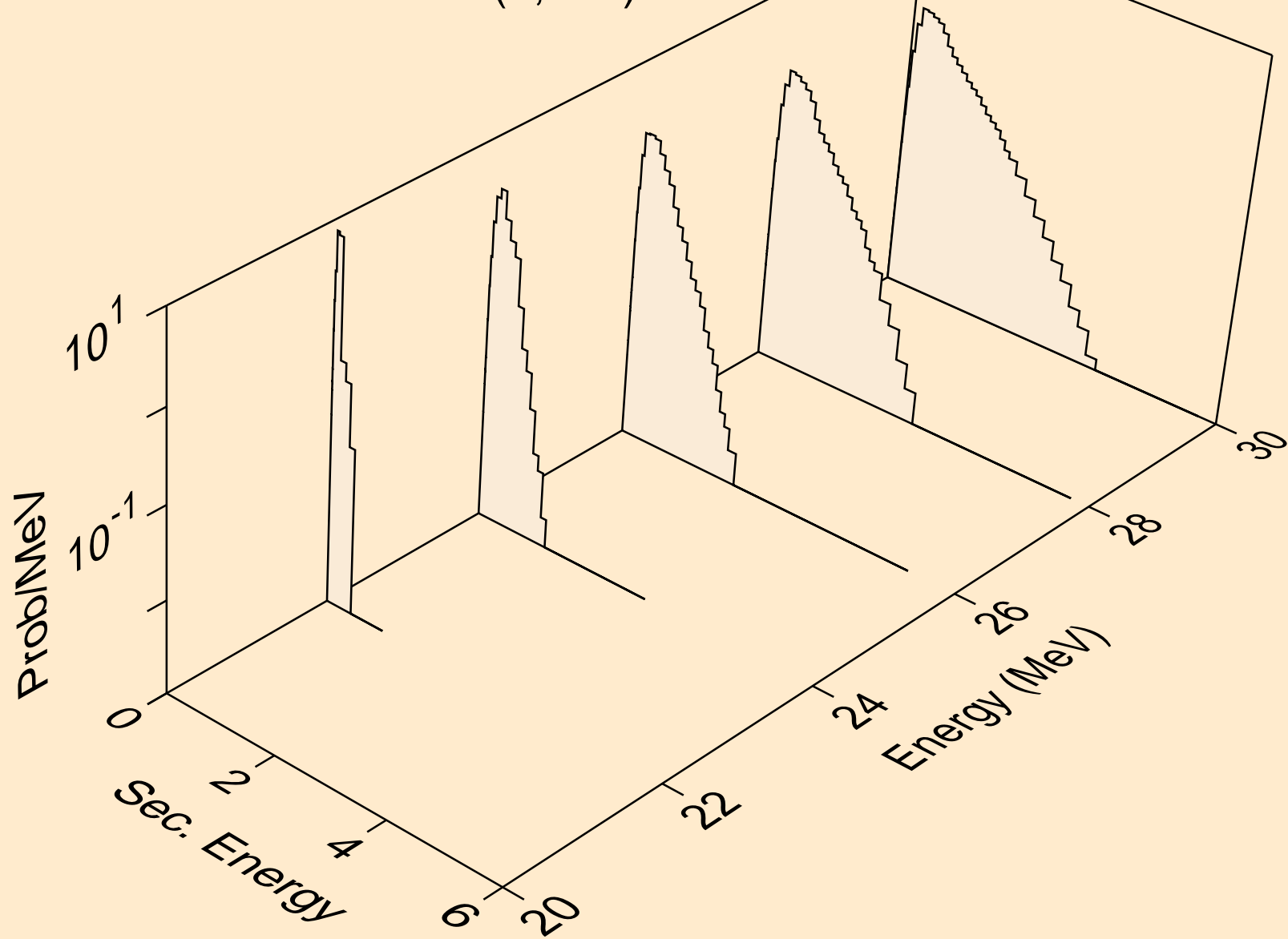
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



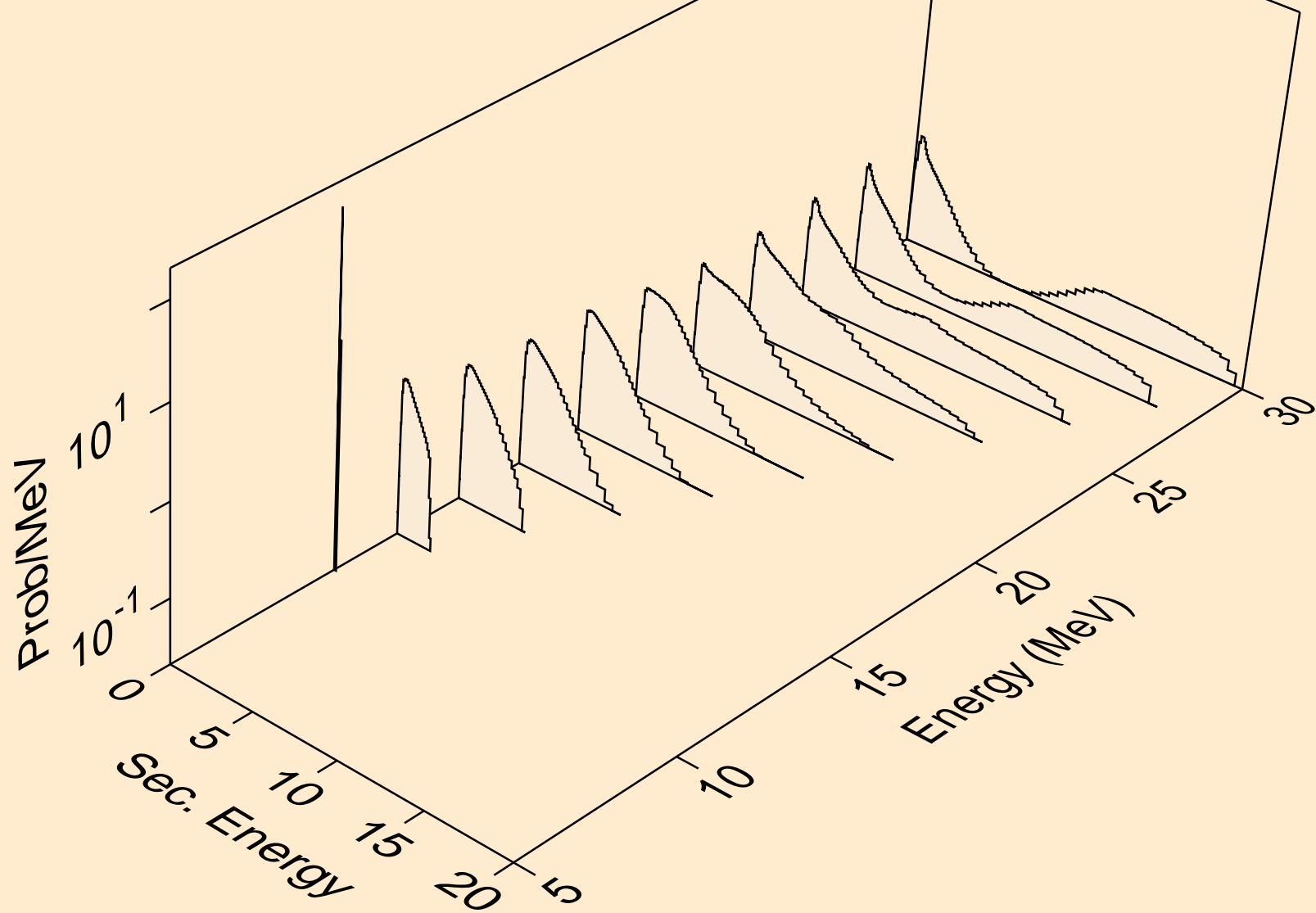
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



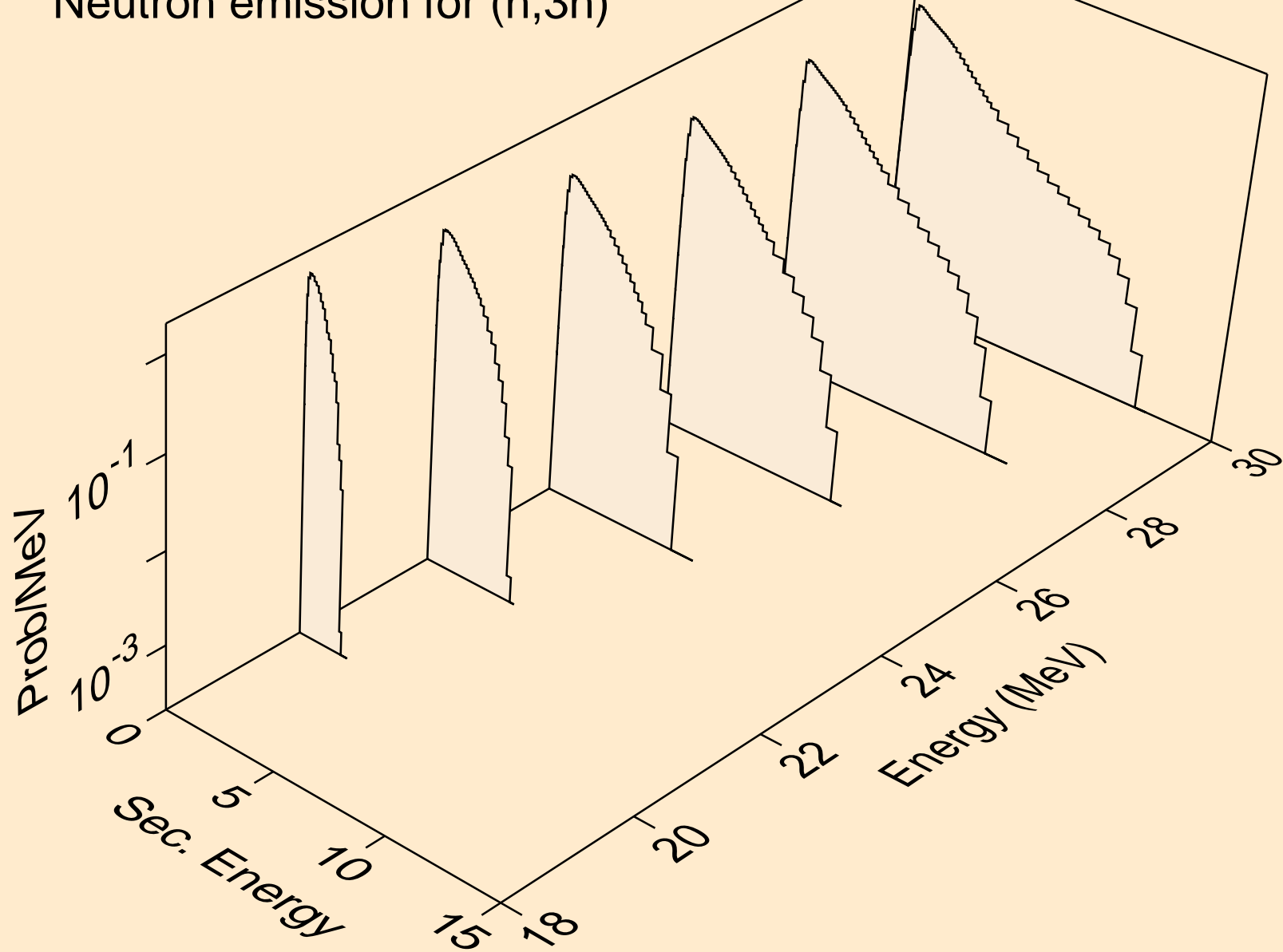
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



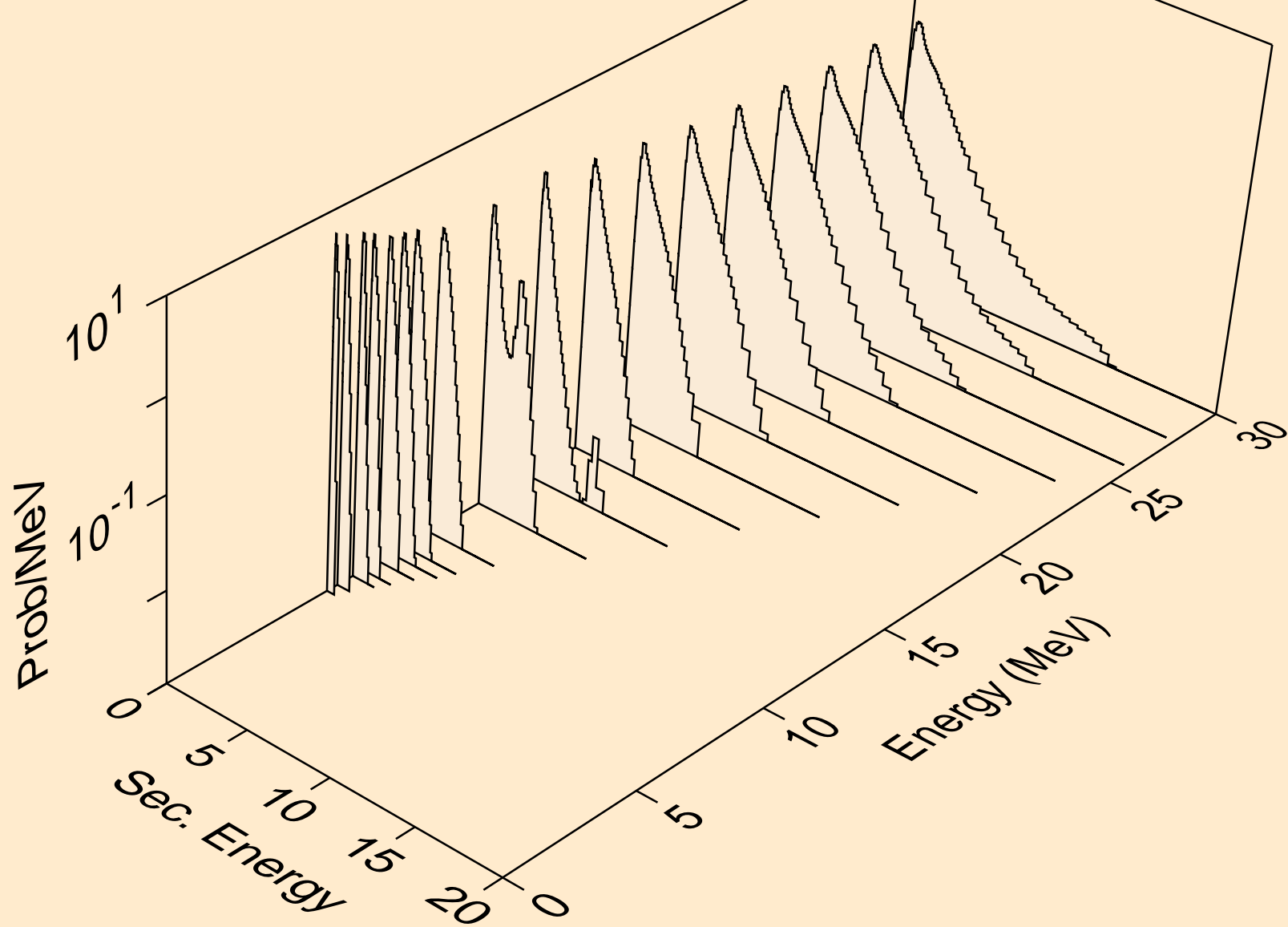
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

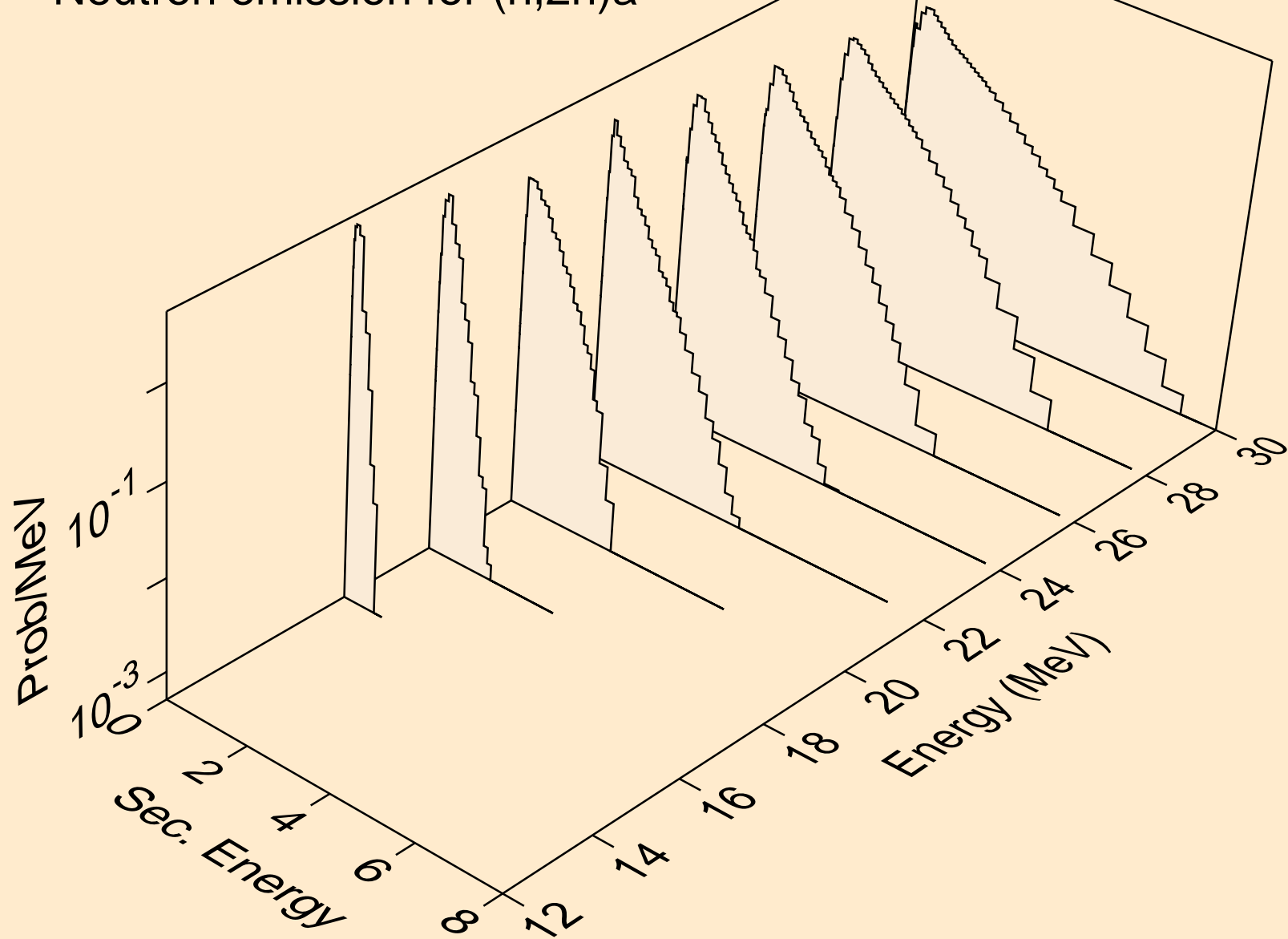


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

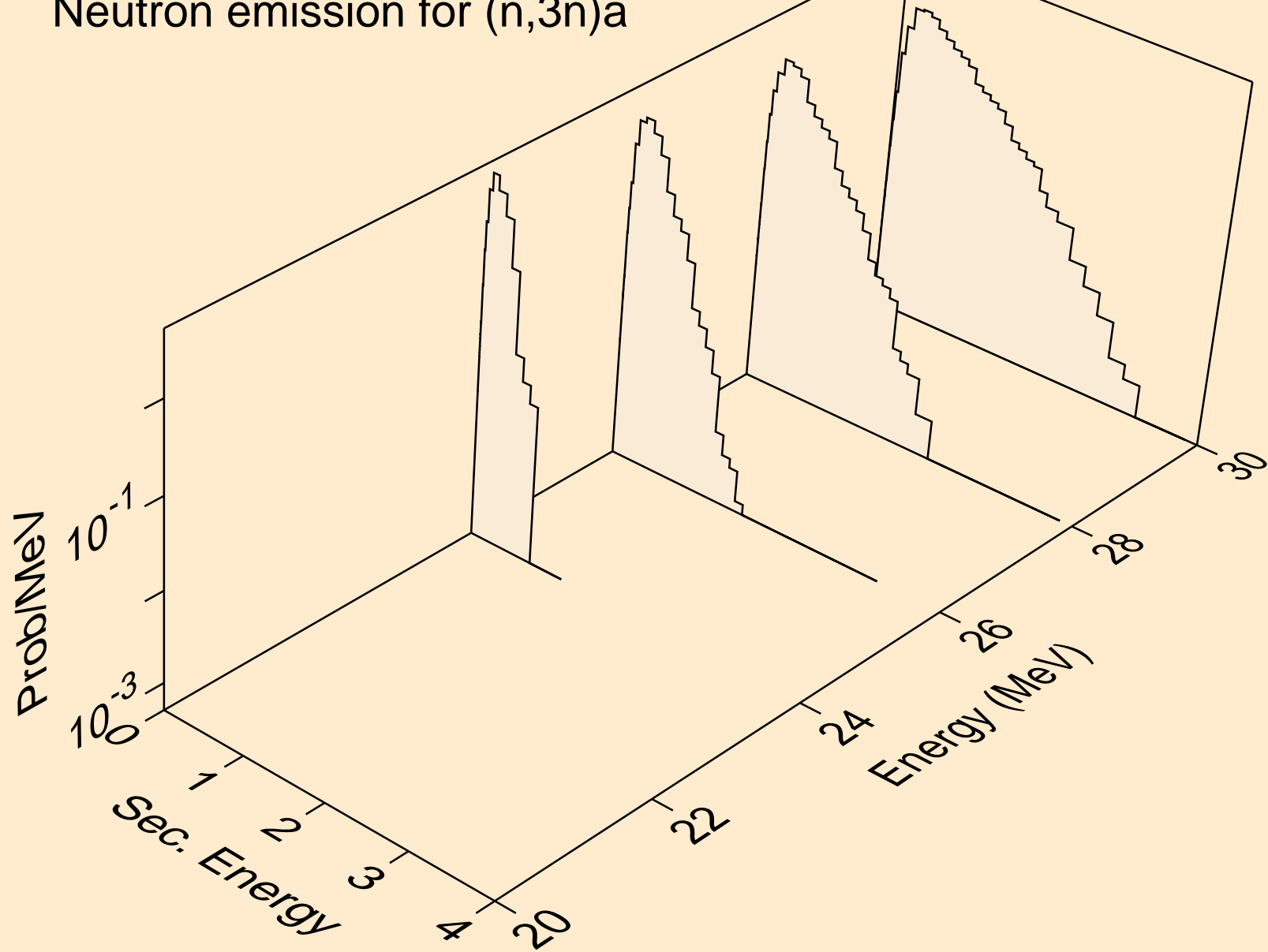




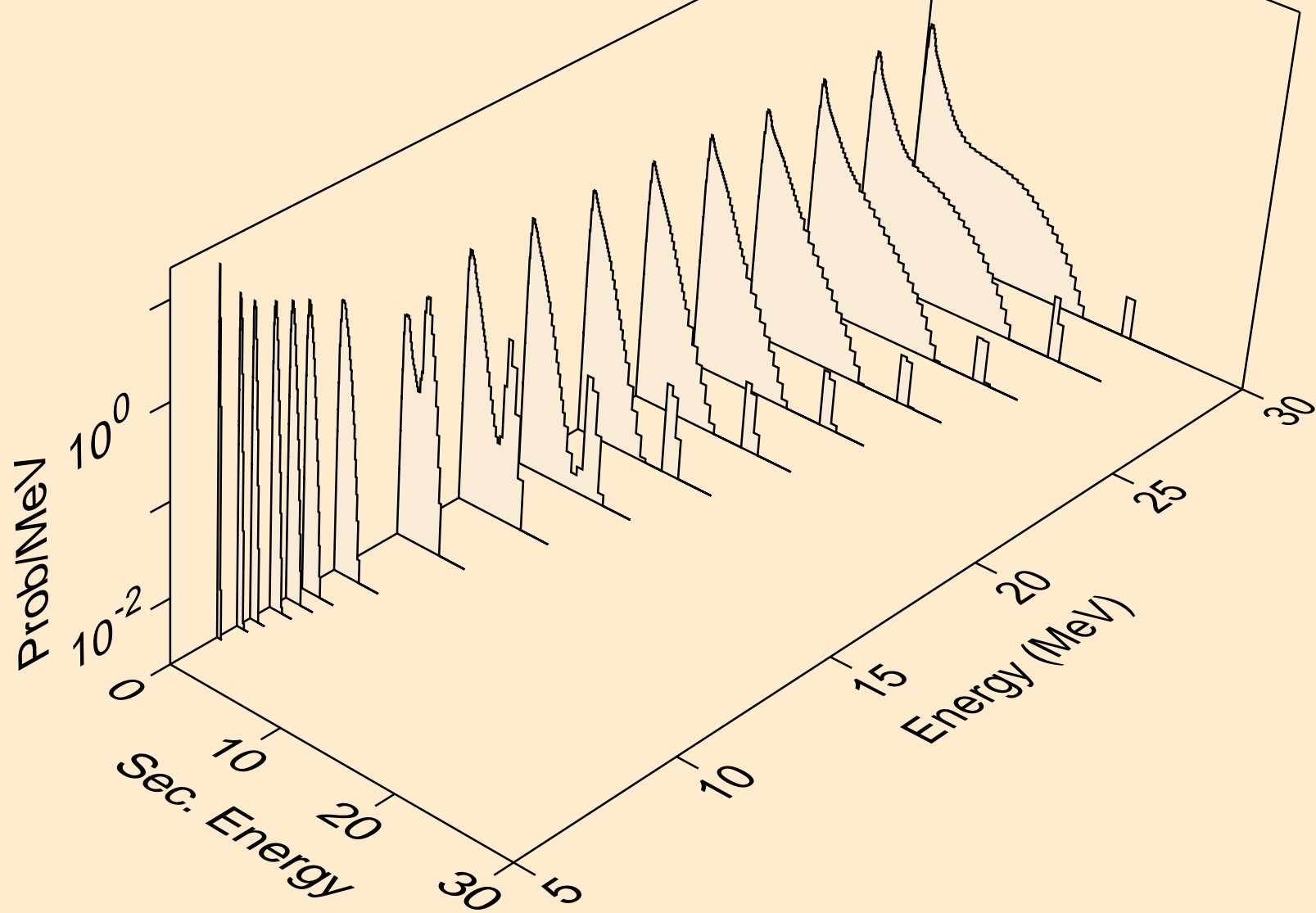
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



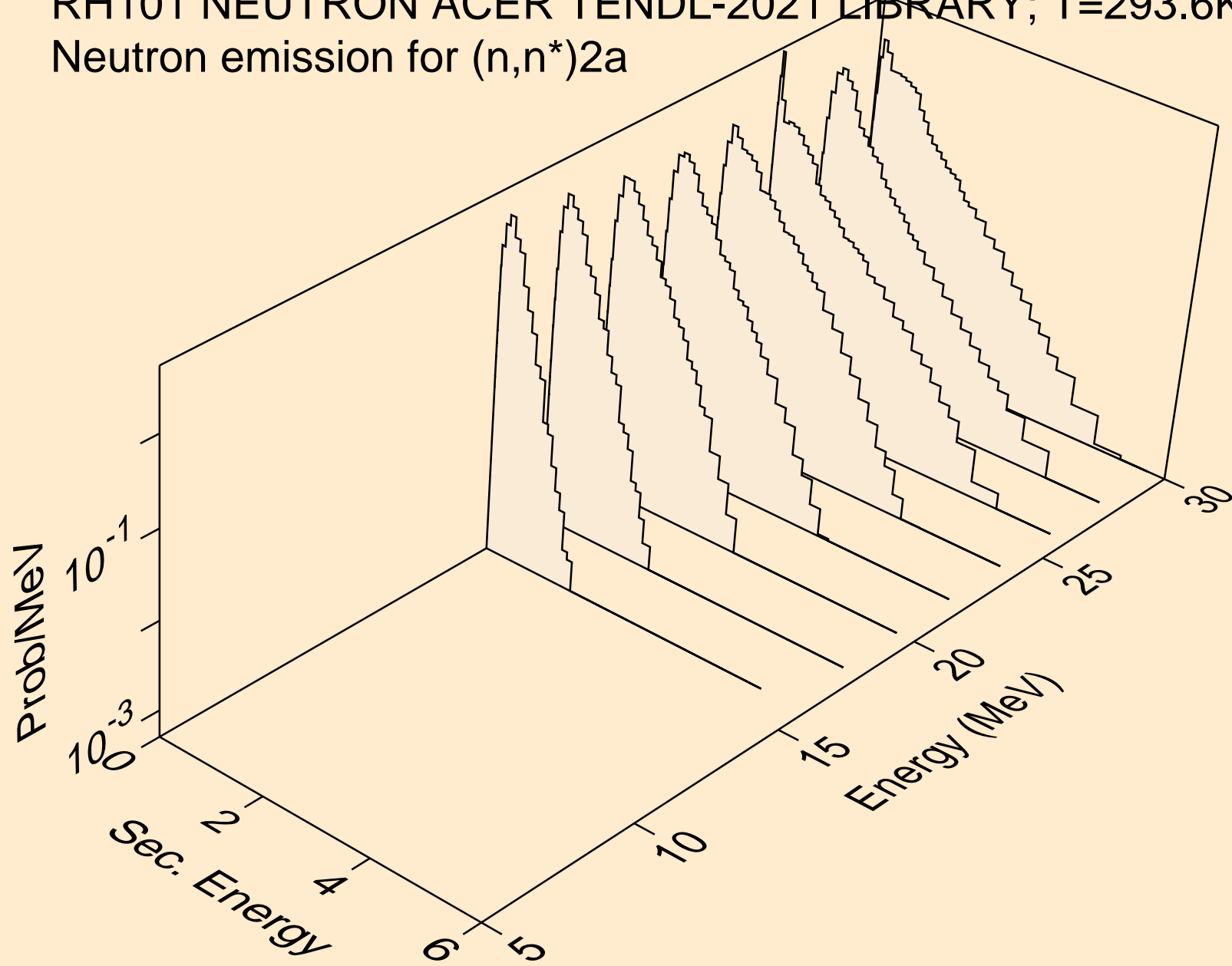
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



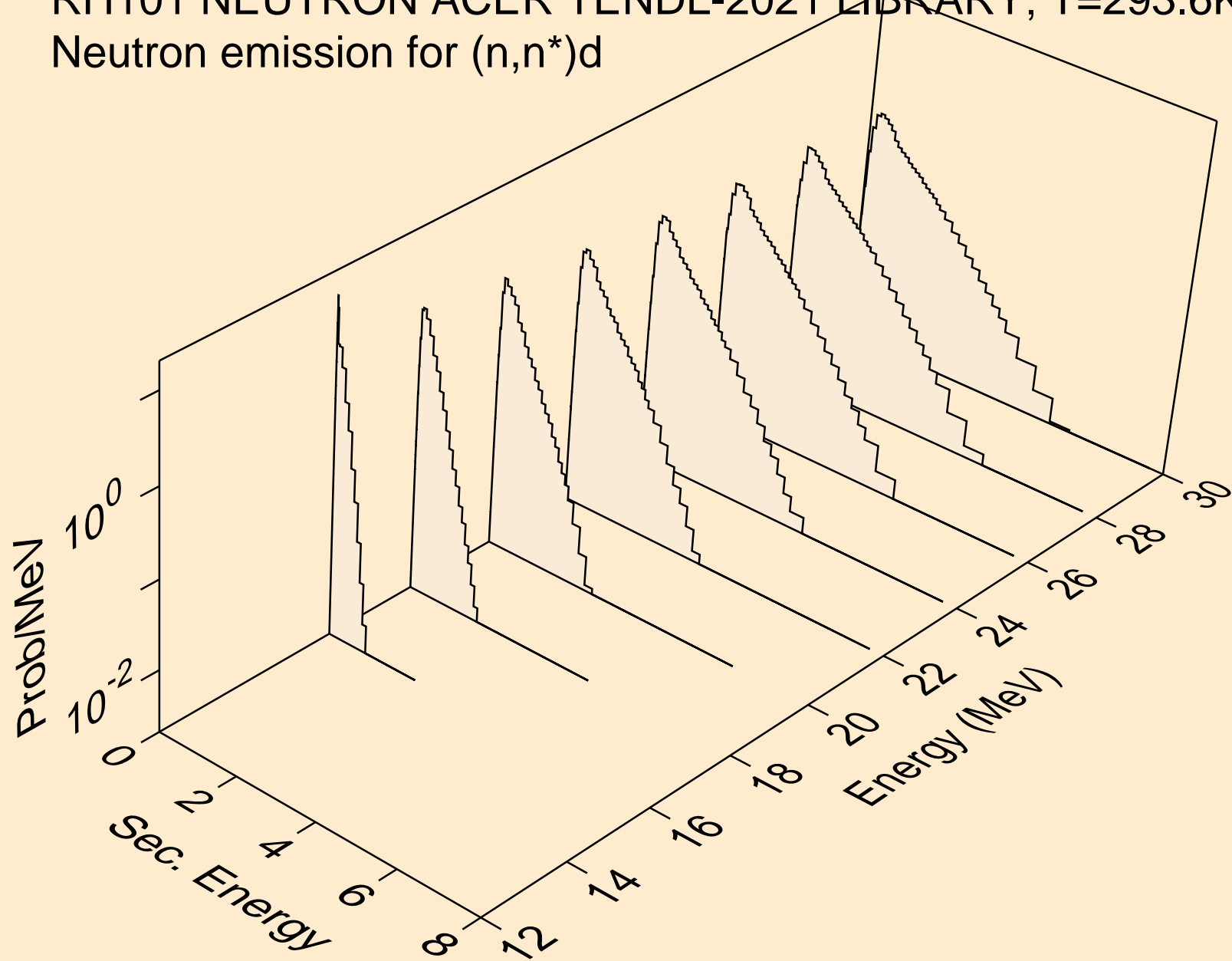
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



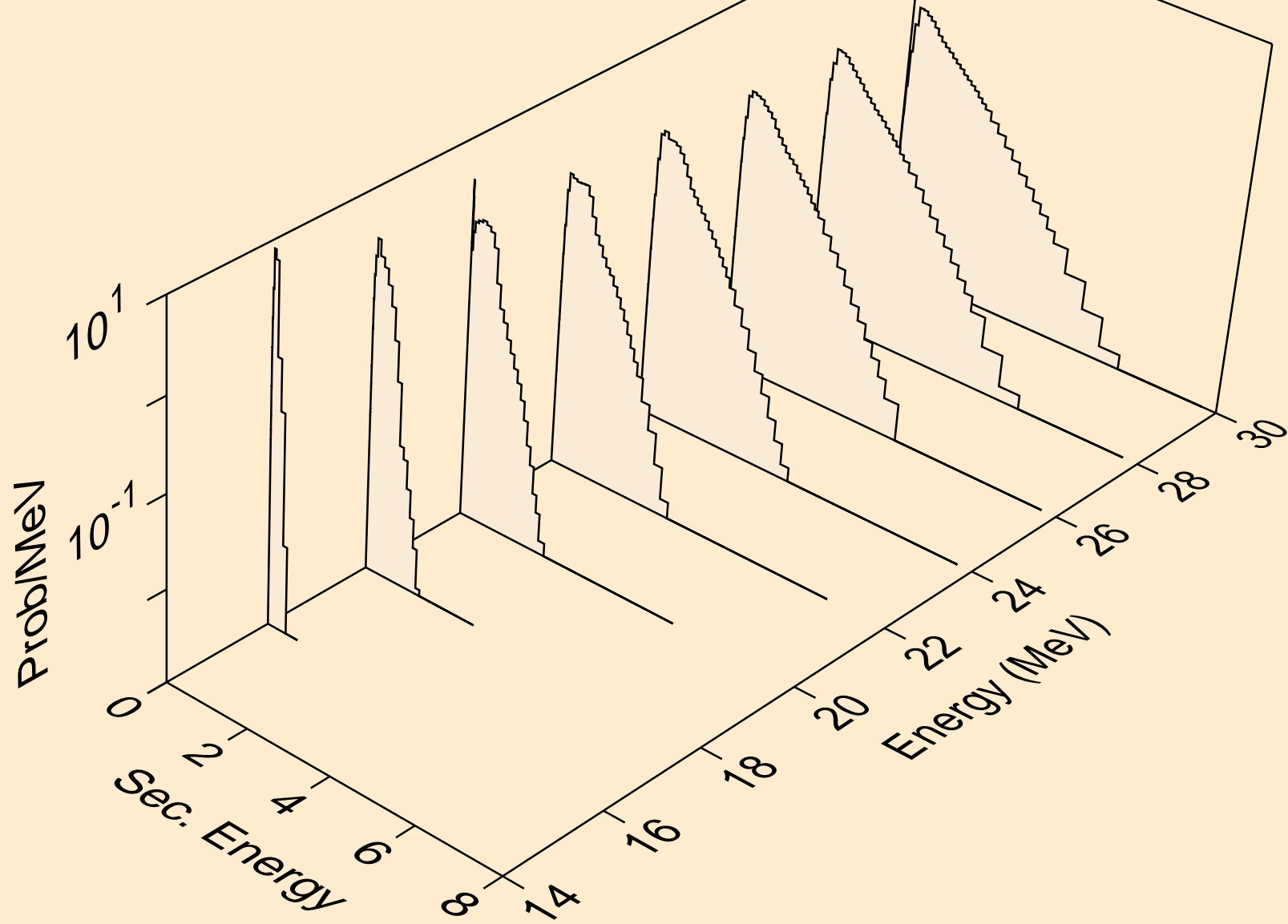
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



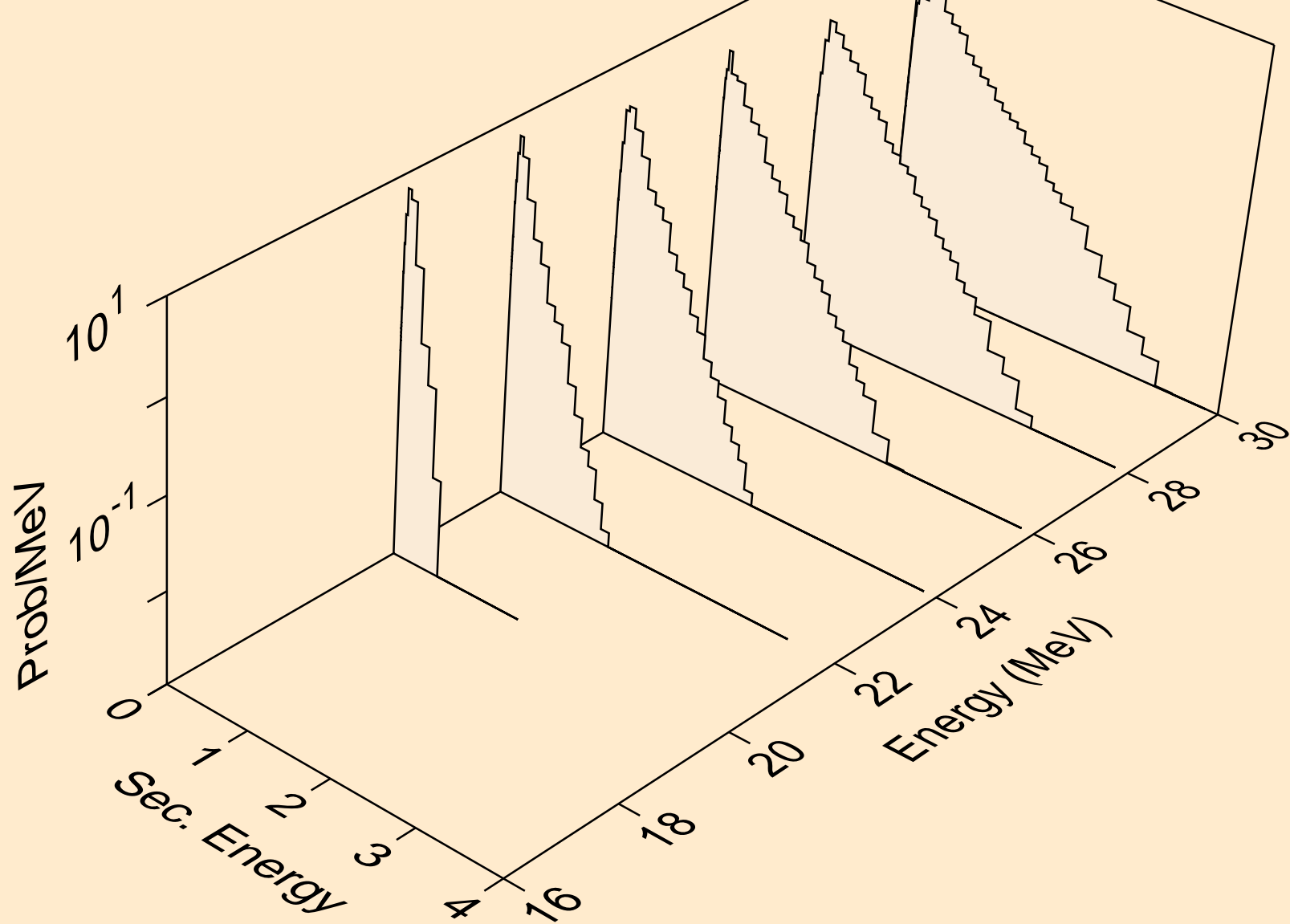
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



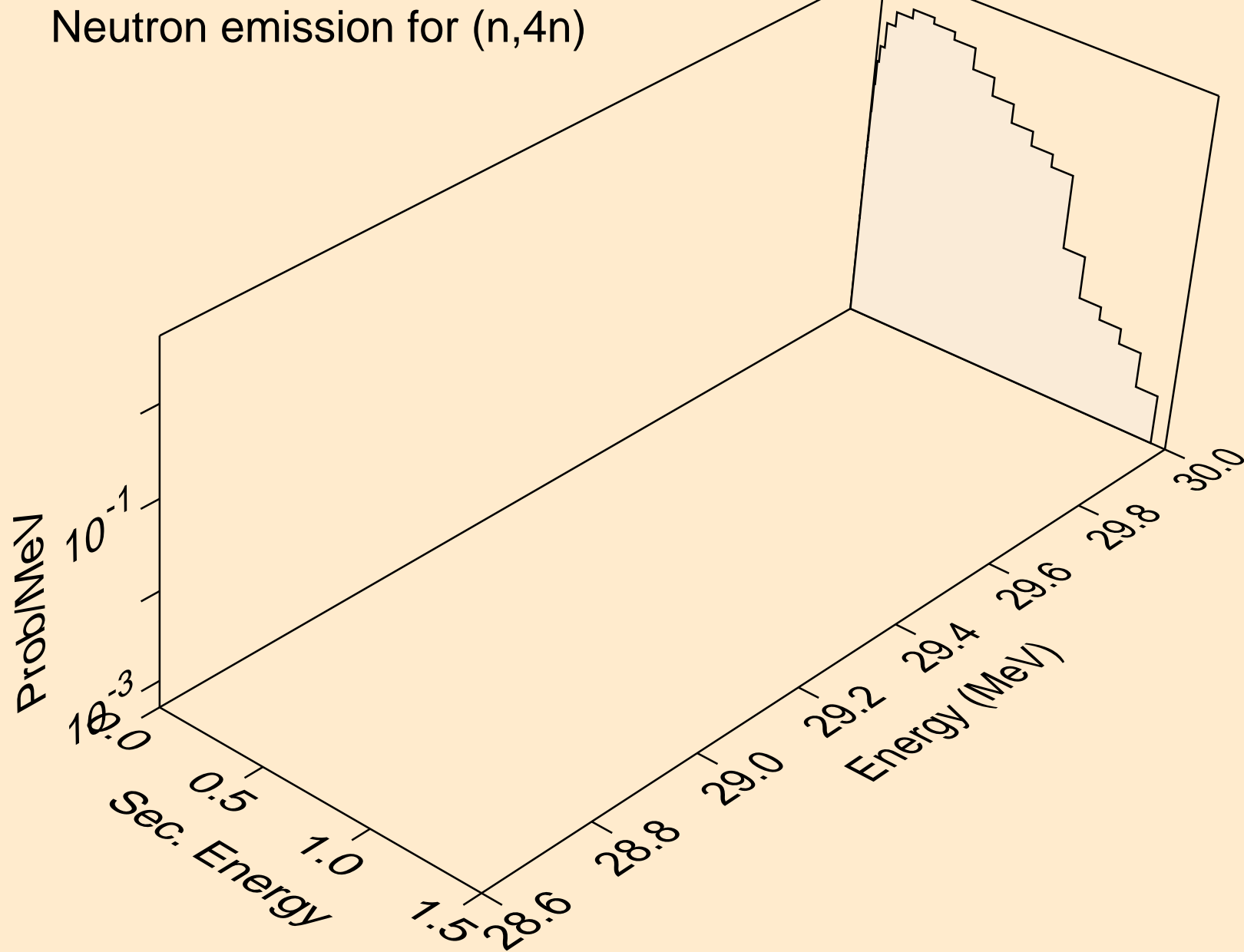
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

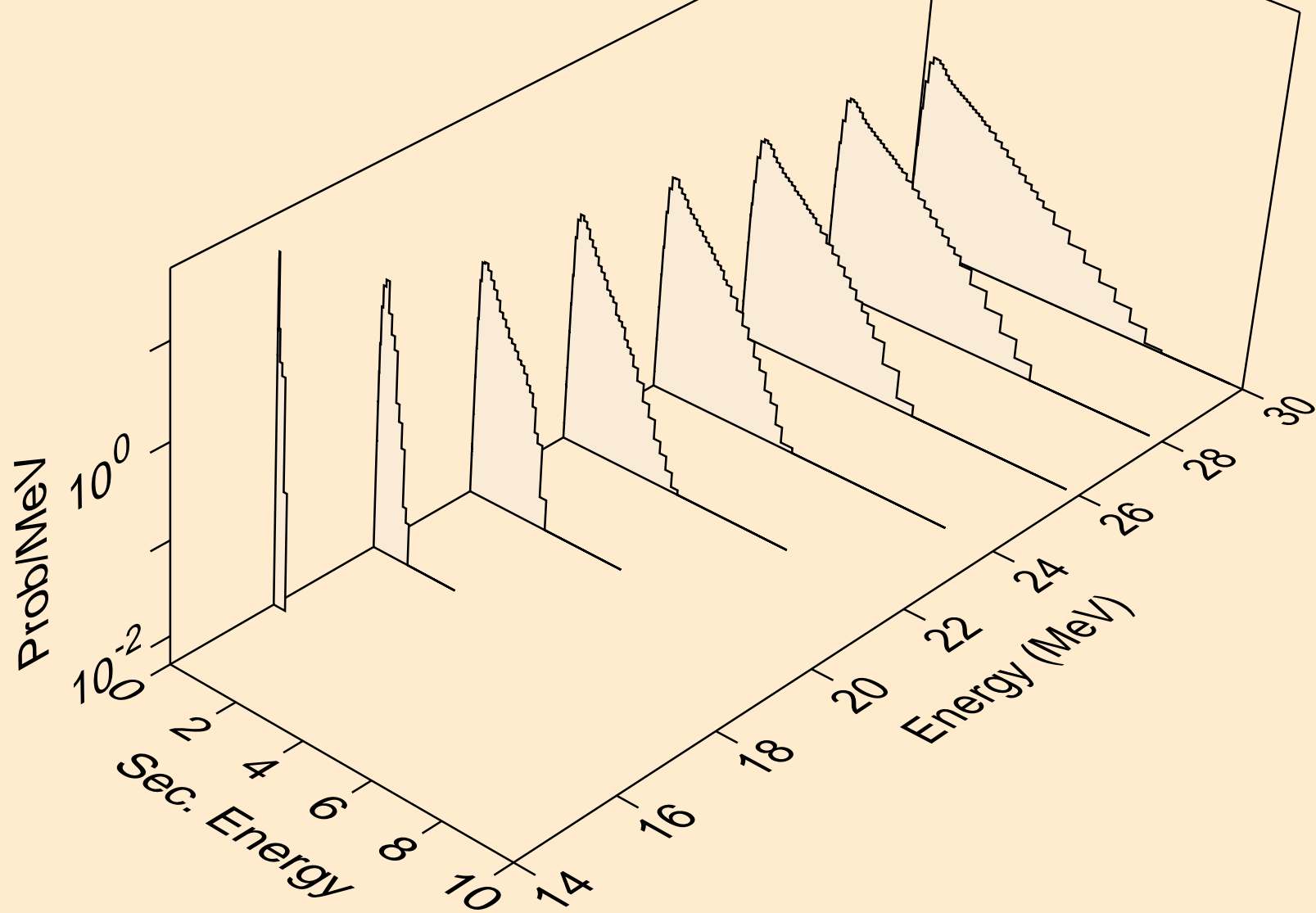


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

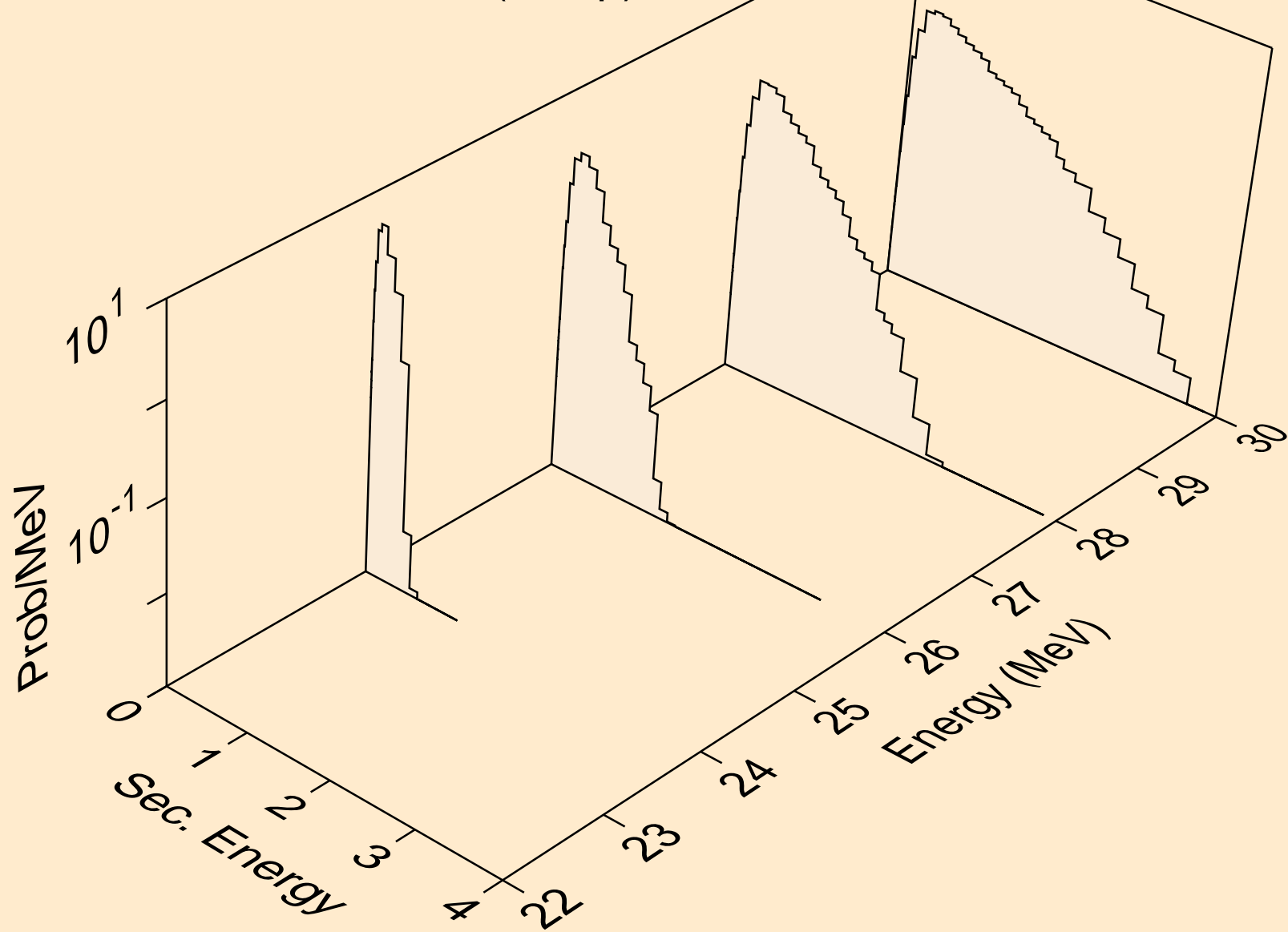




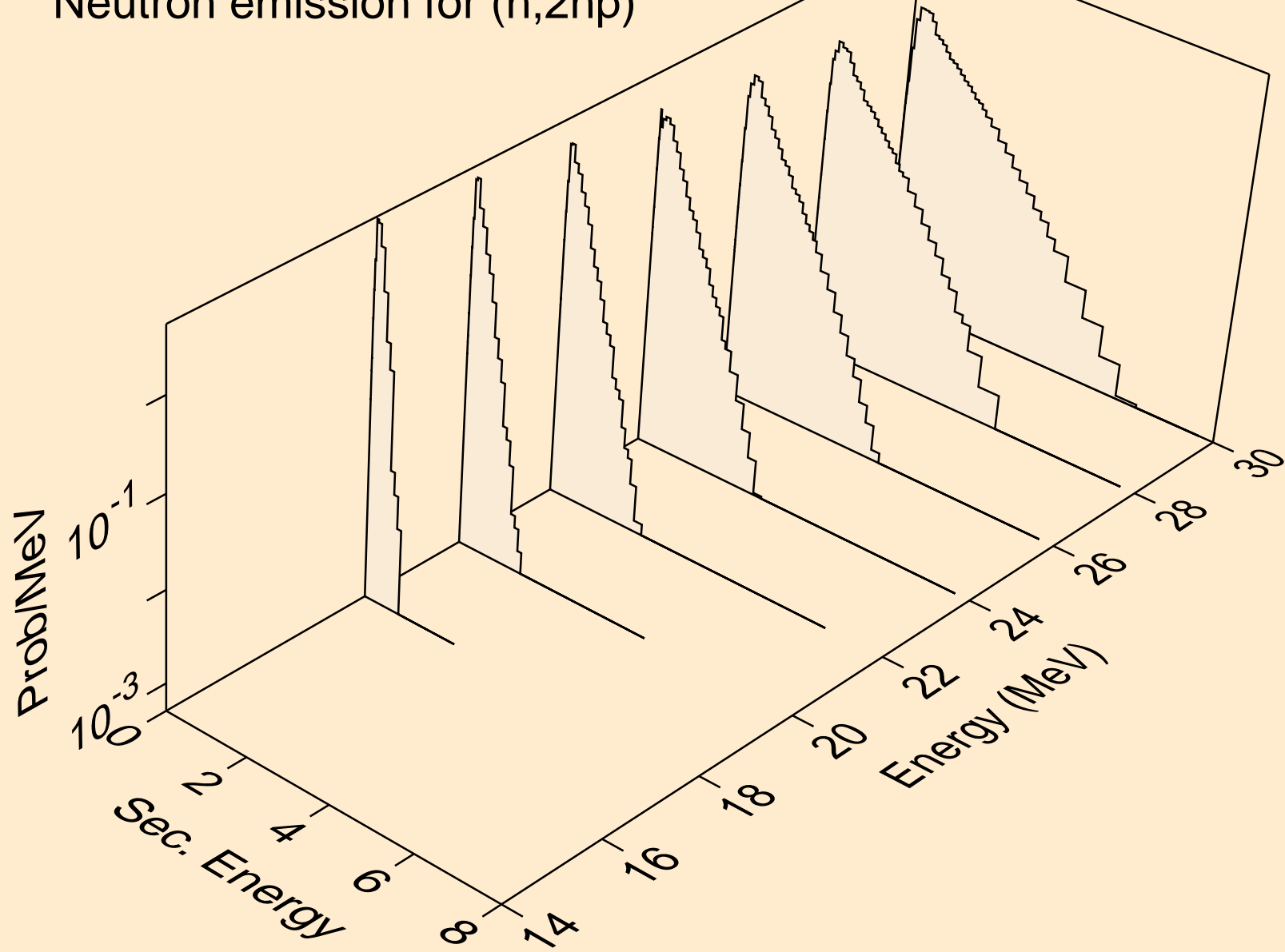
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



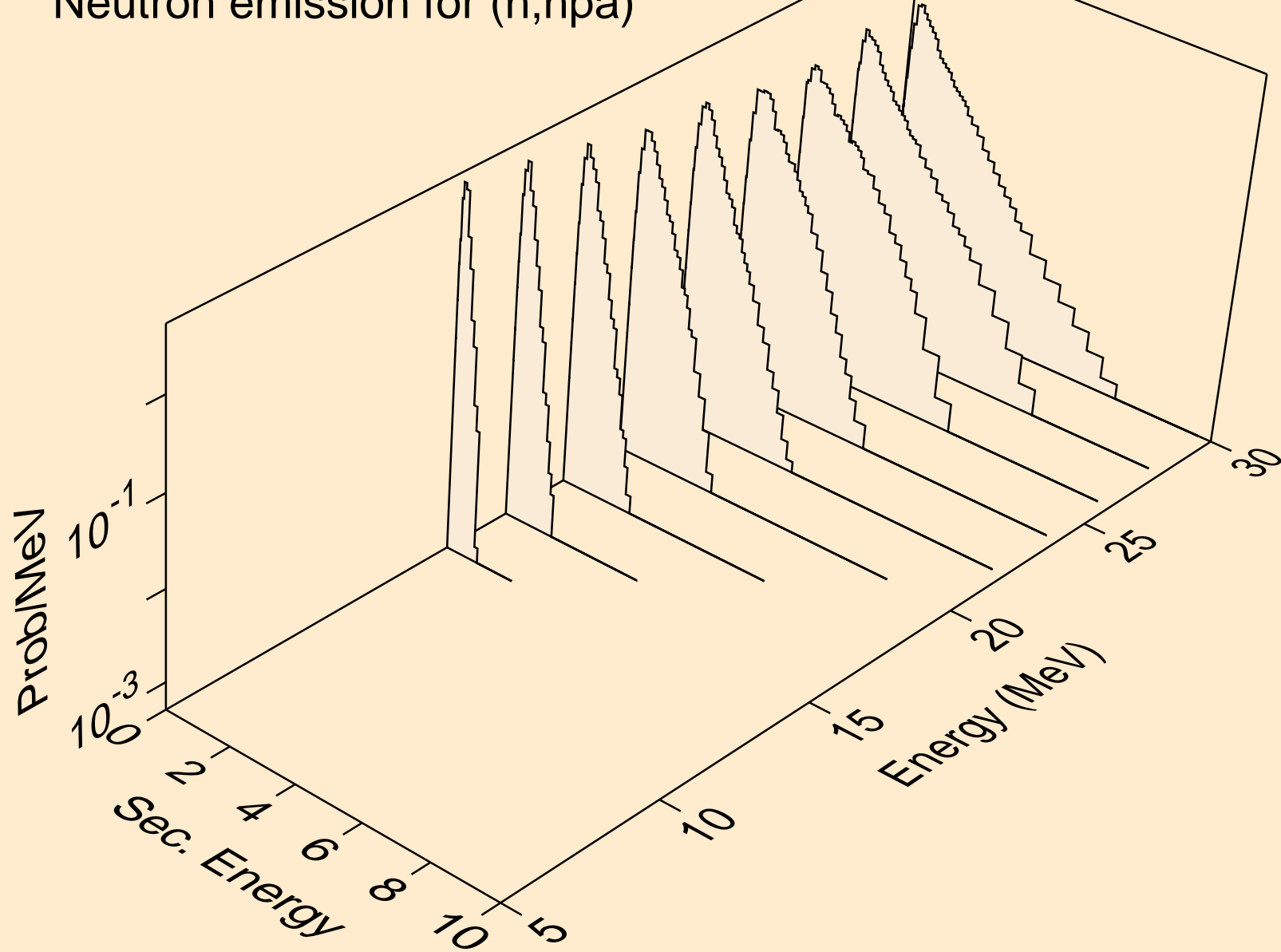
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Neutron emission for (n,3np)



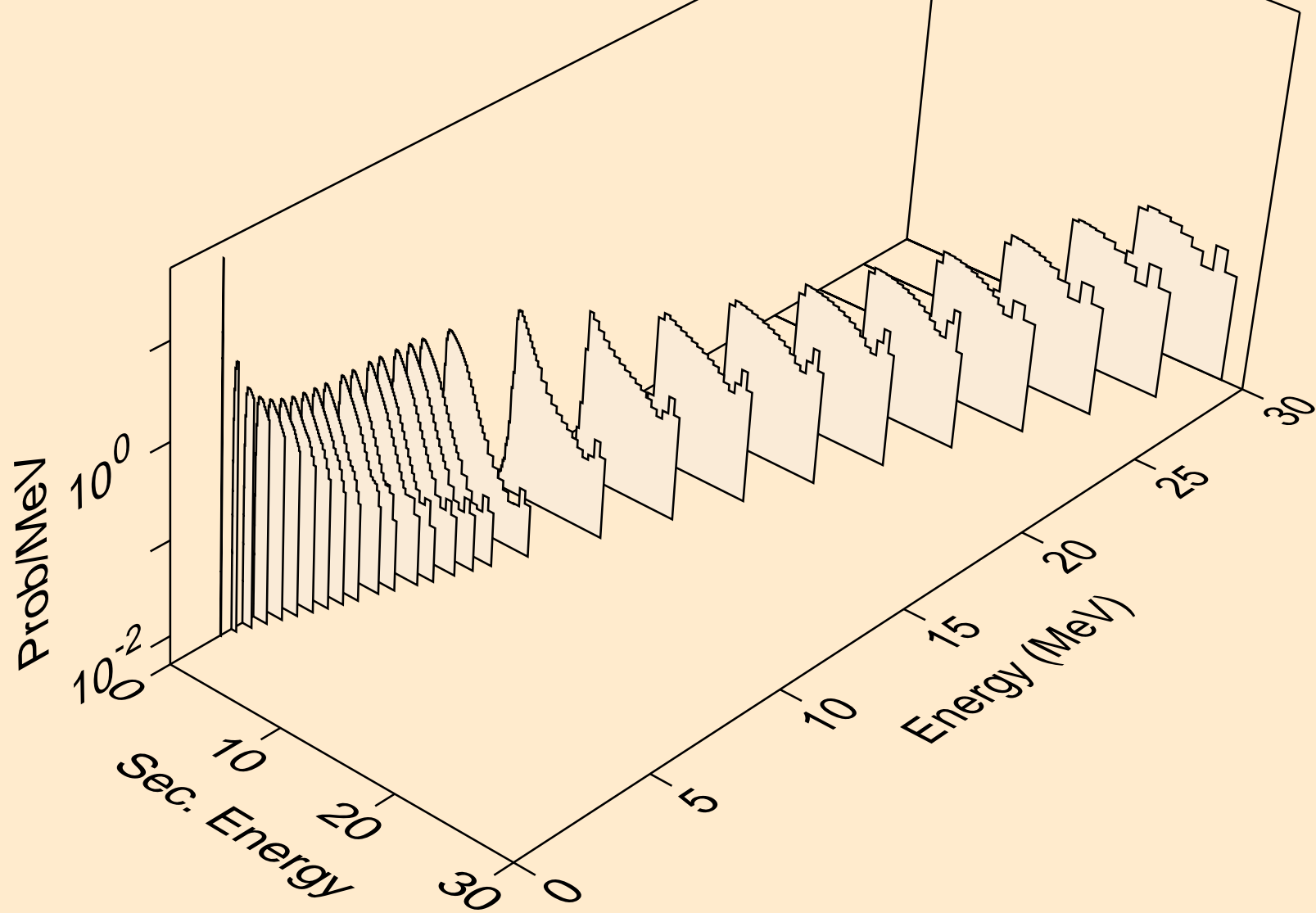
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Neutron emission for (n,2np)



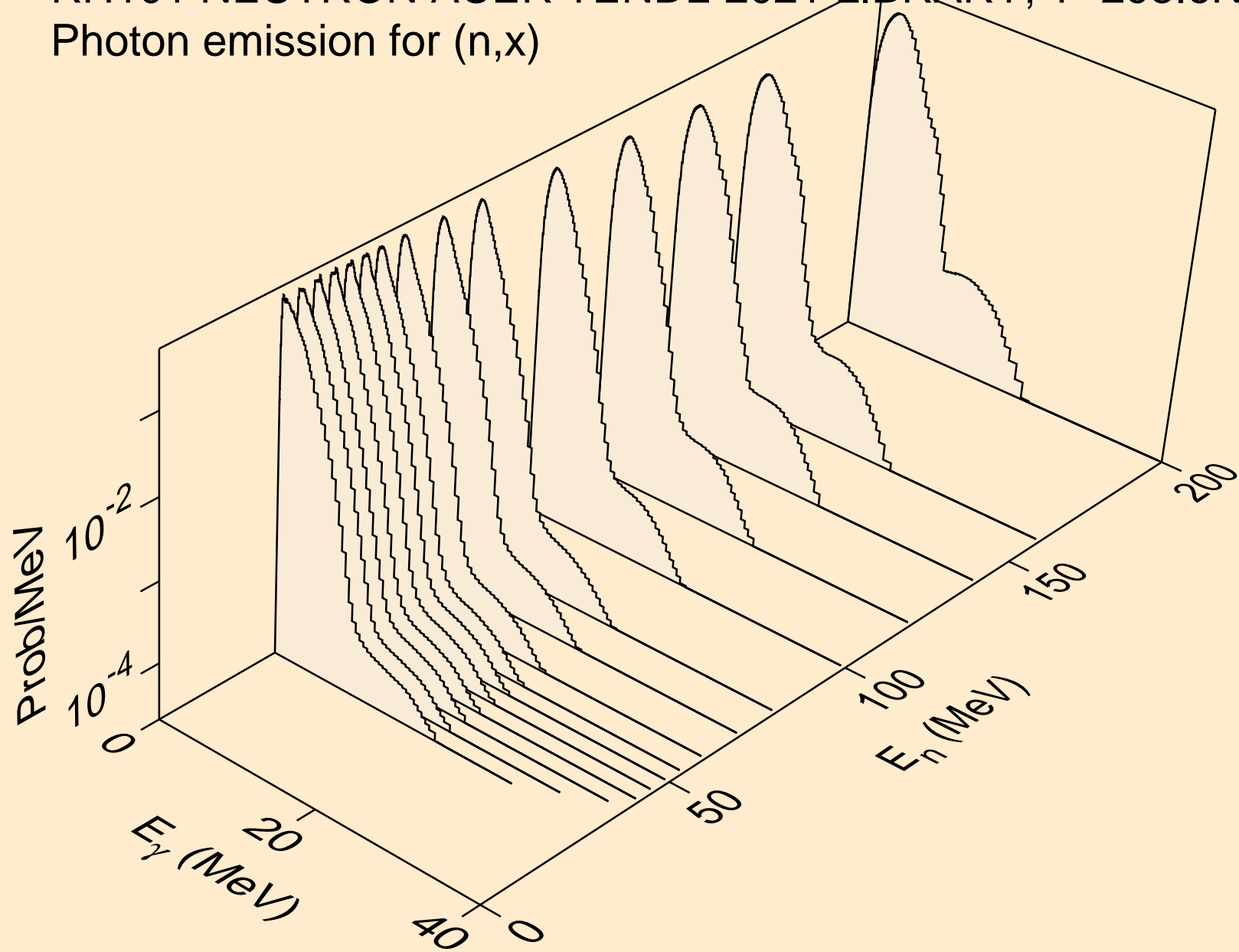
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Neutron emission for (n,npa)



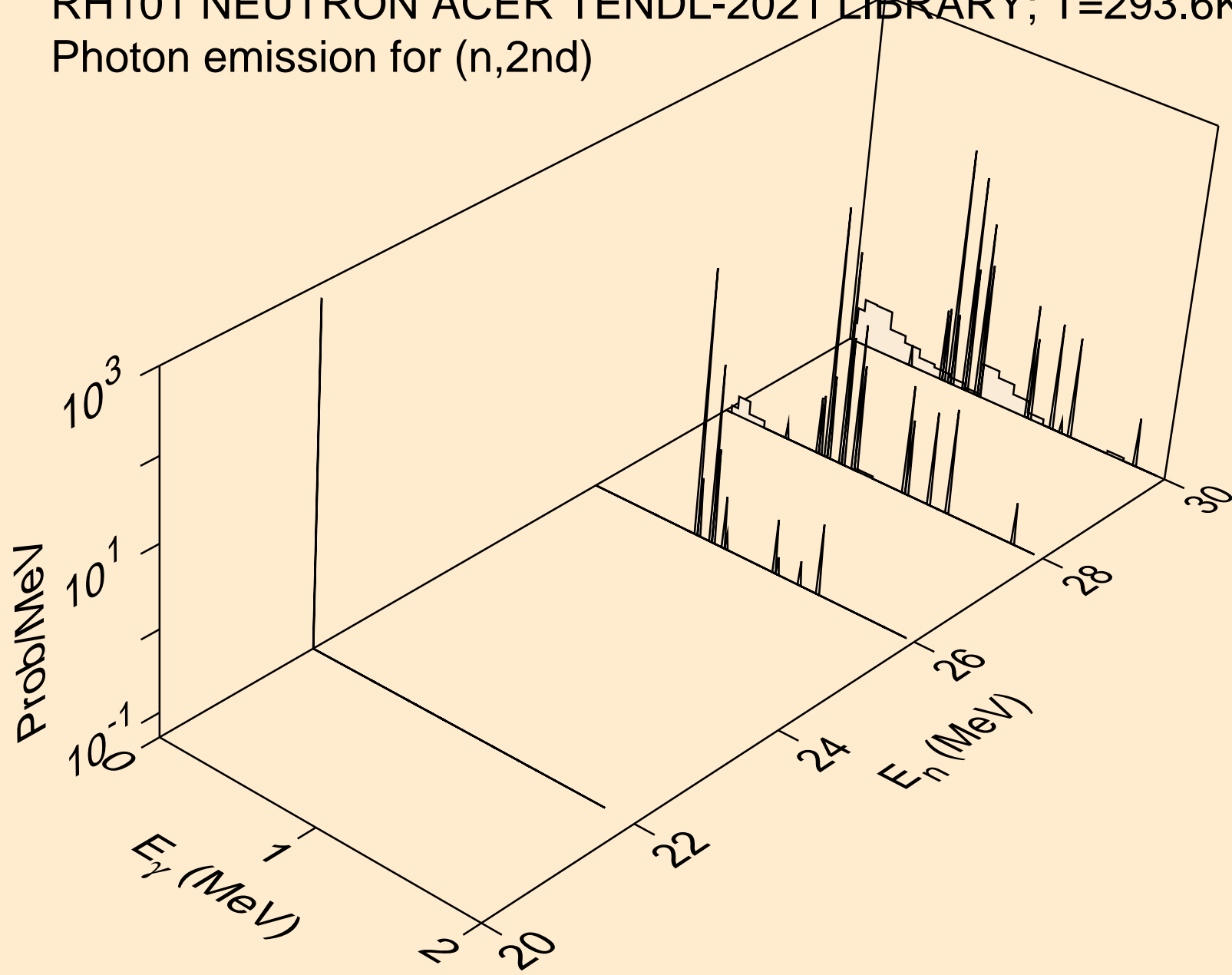
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



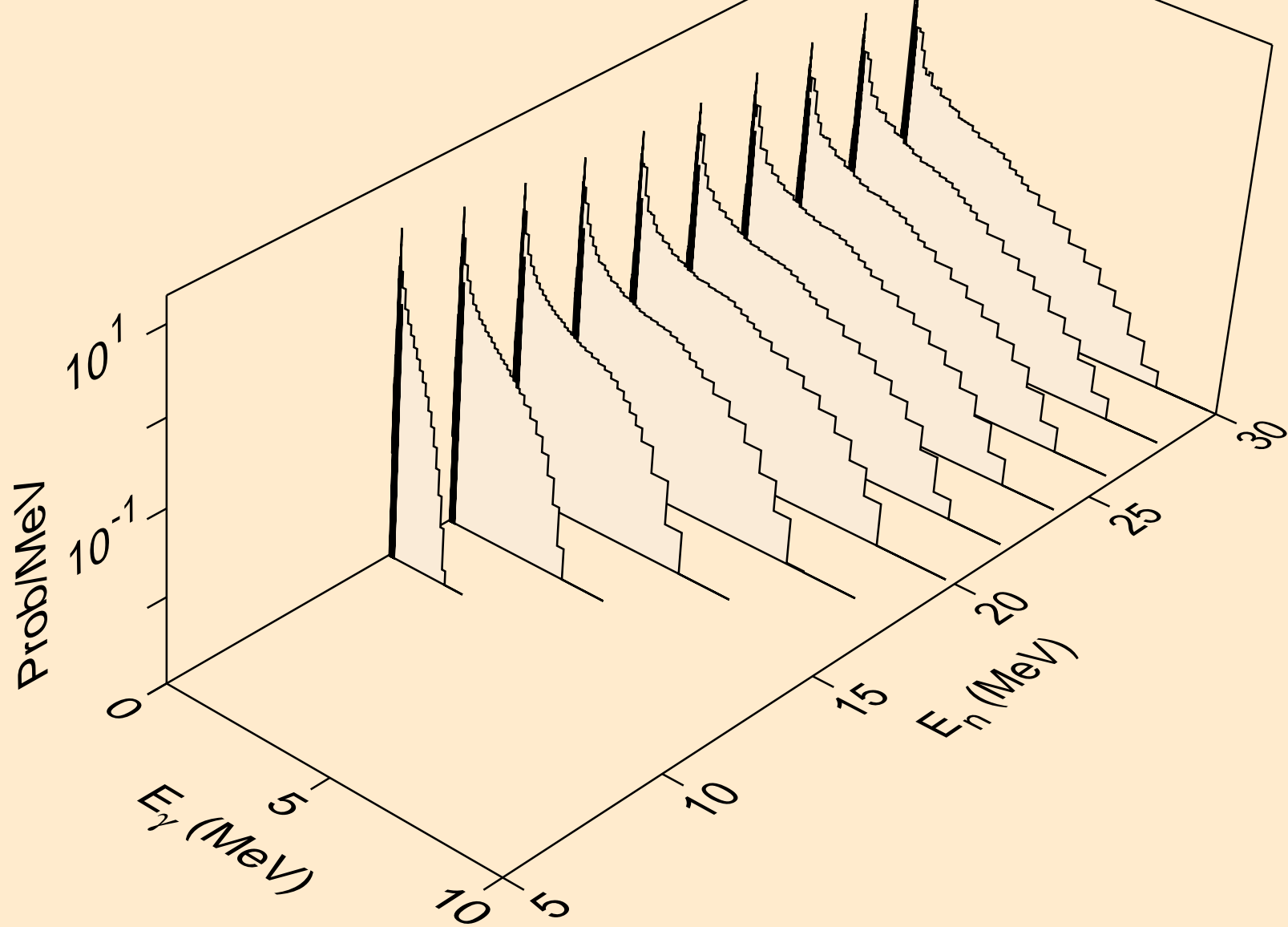
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

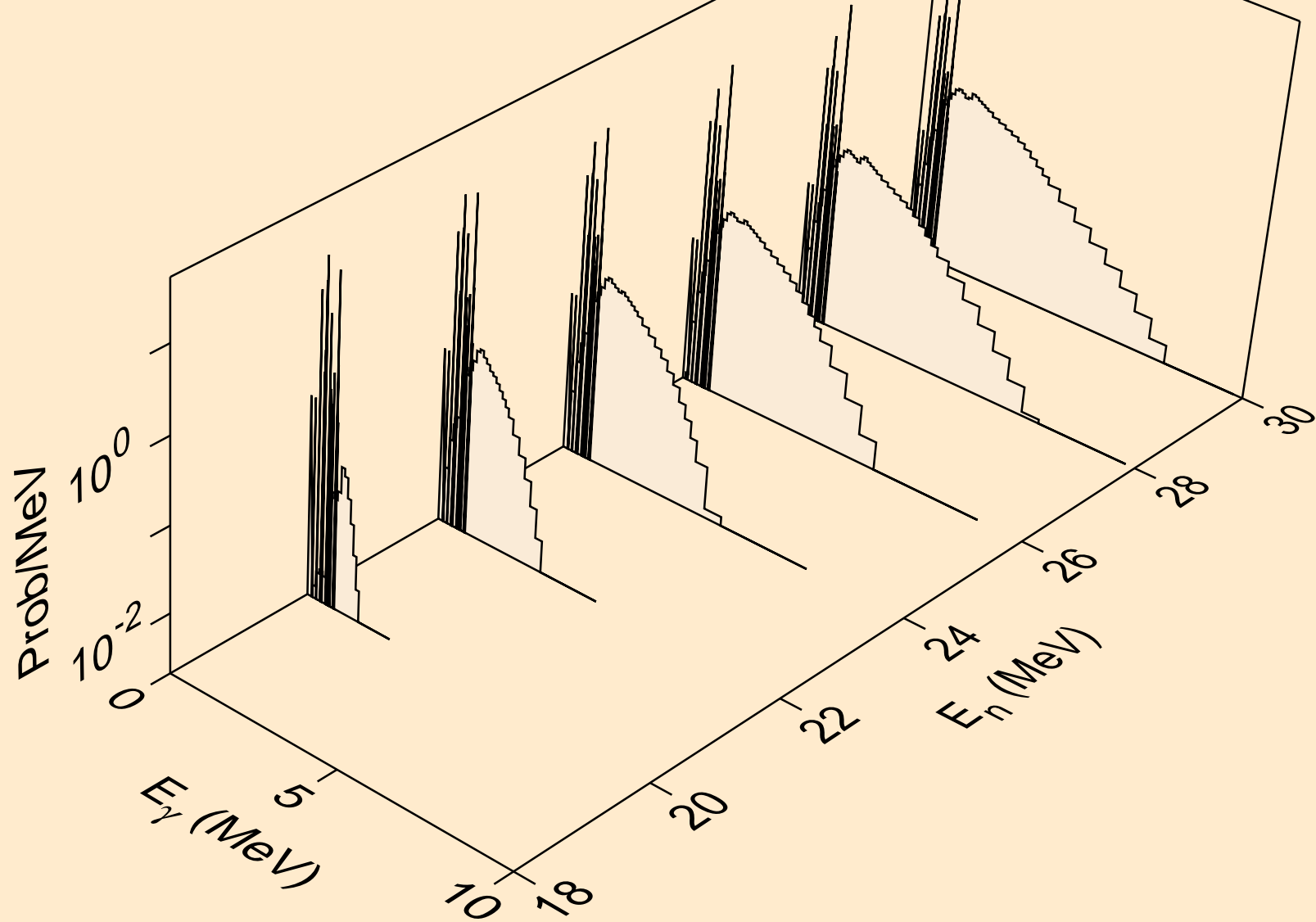


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

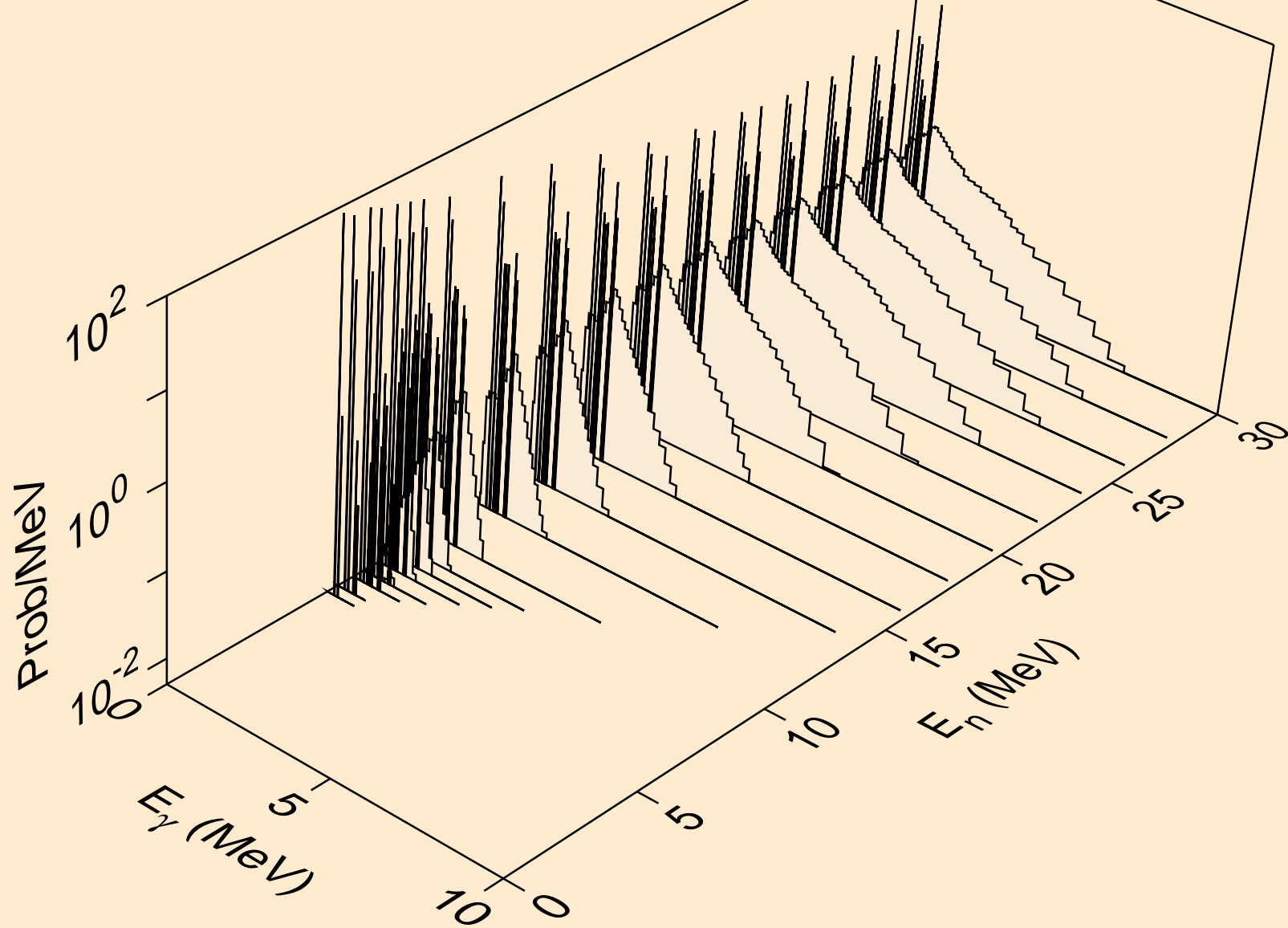




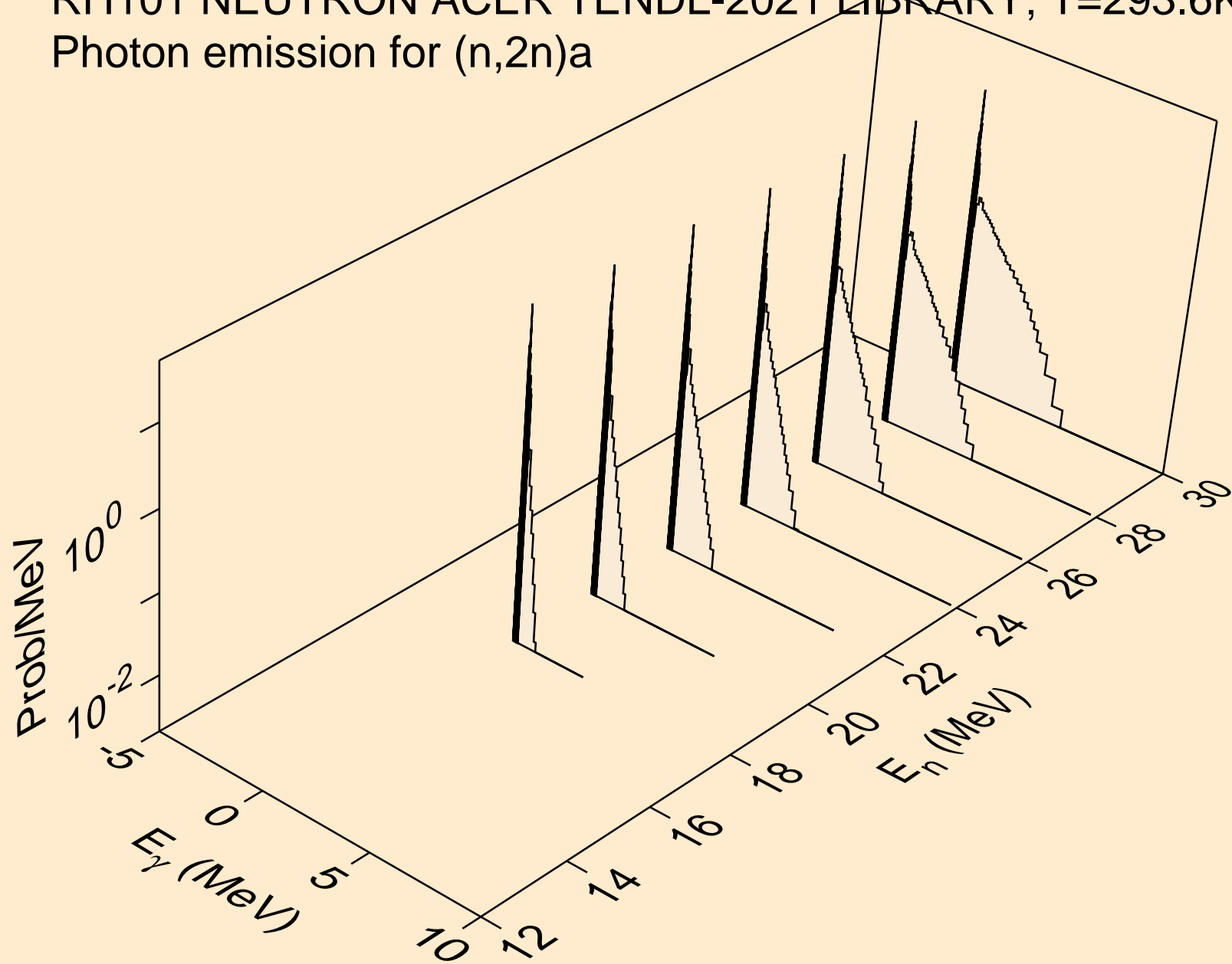
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Photon emission for (n,3n)



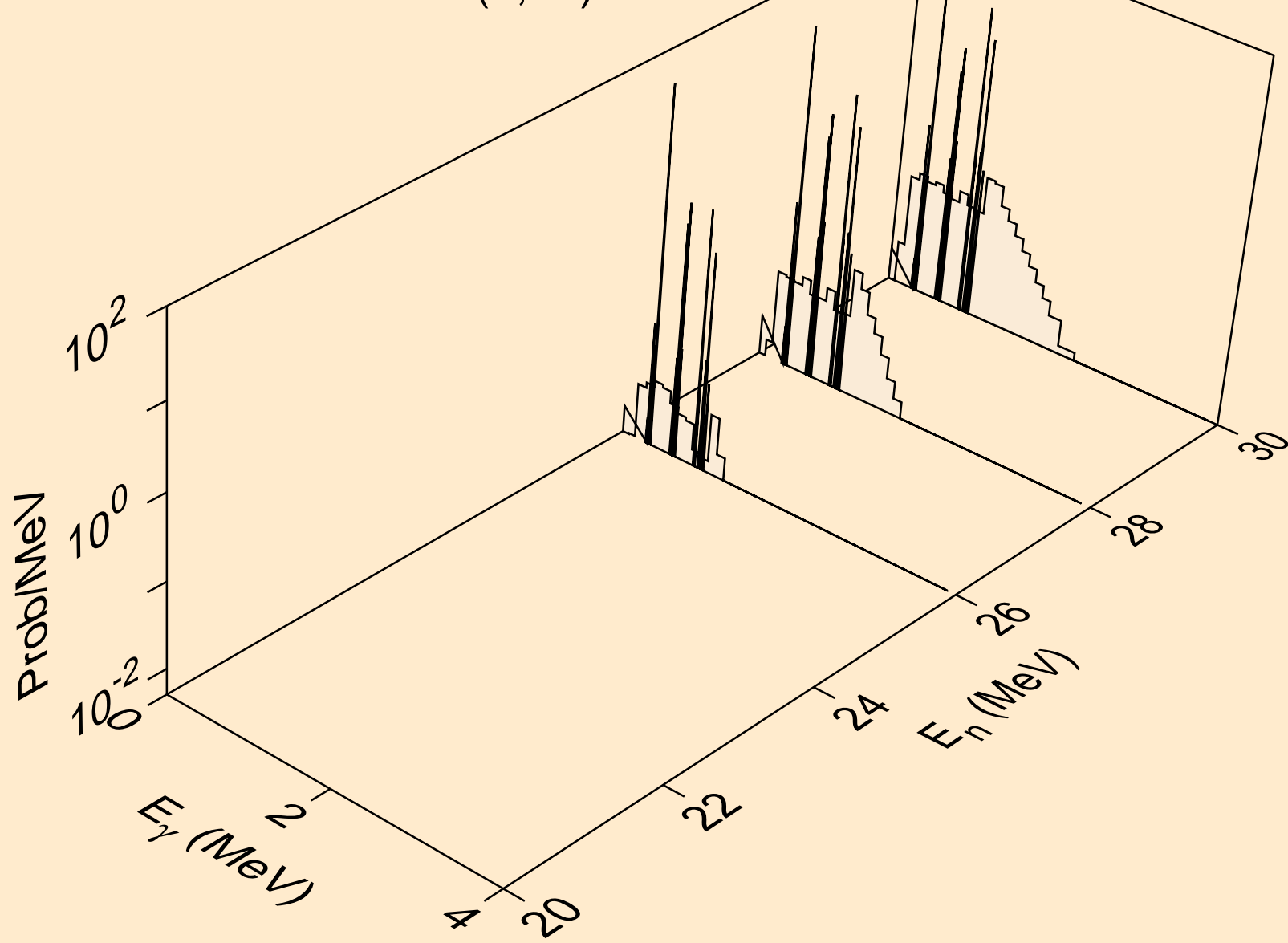
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Photon emission for (n,n\*)a



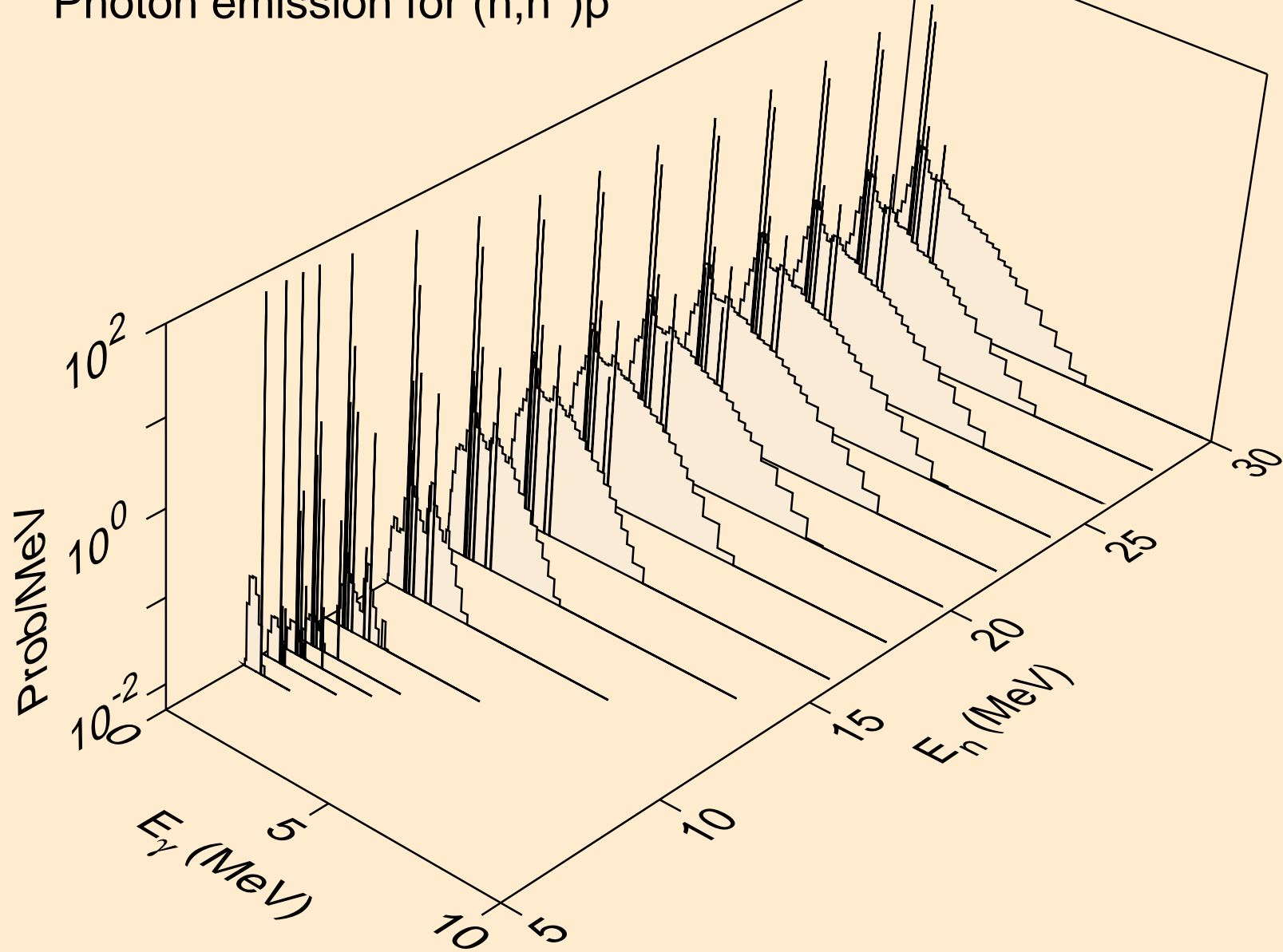
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Photon emission for (n,2n)a



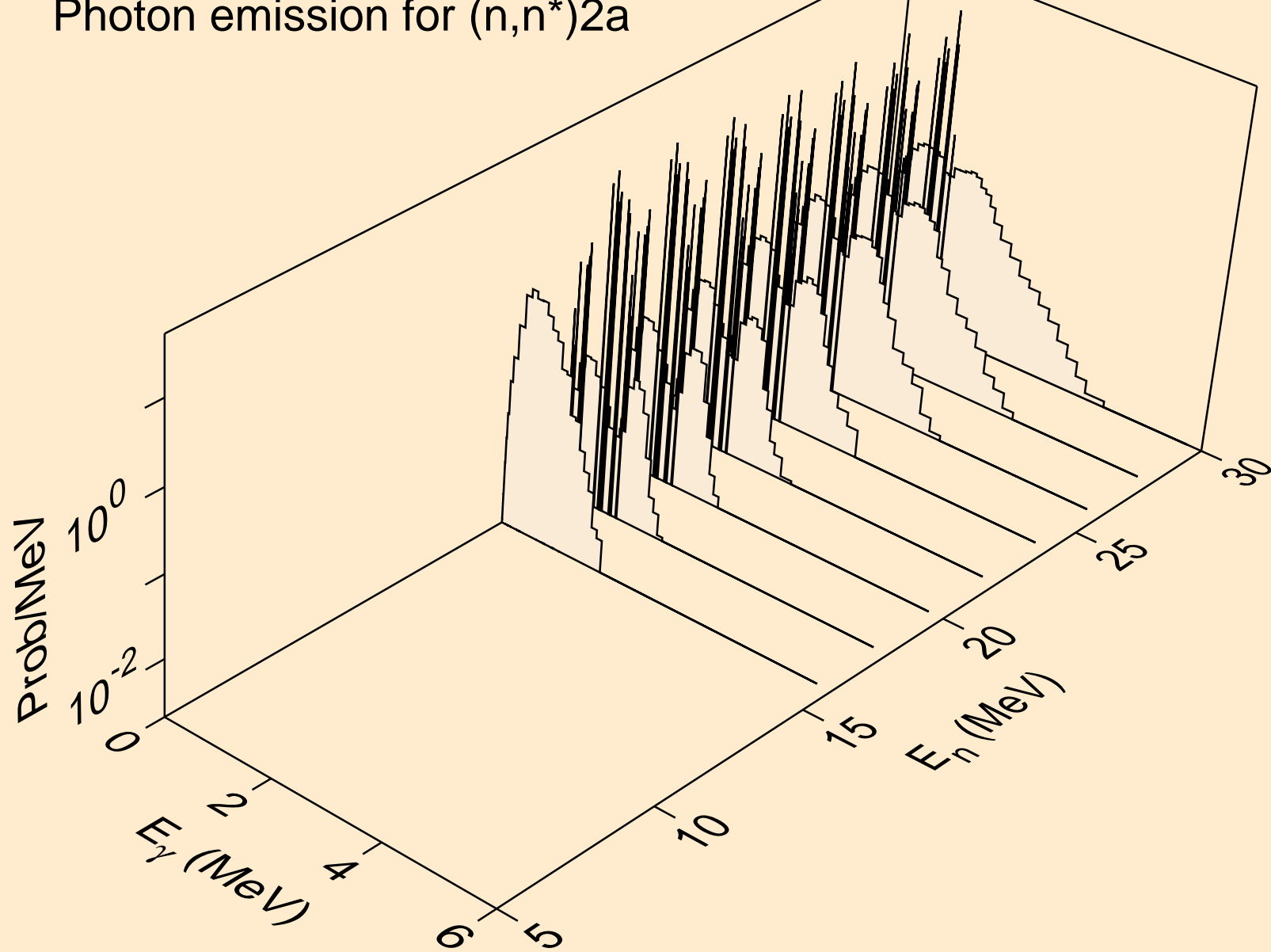
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Photon emission for (n,3n)a



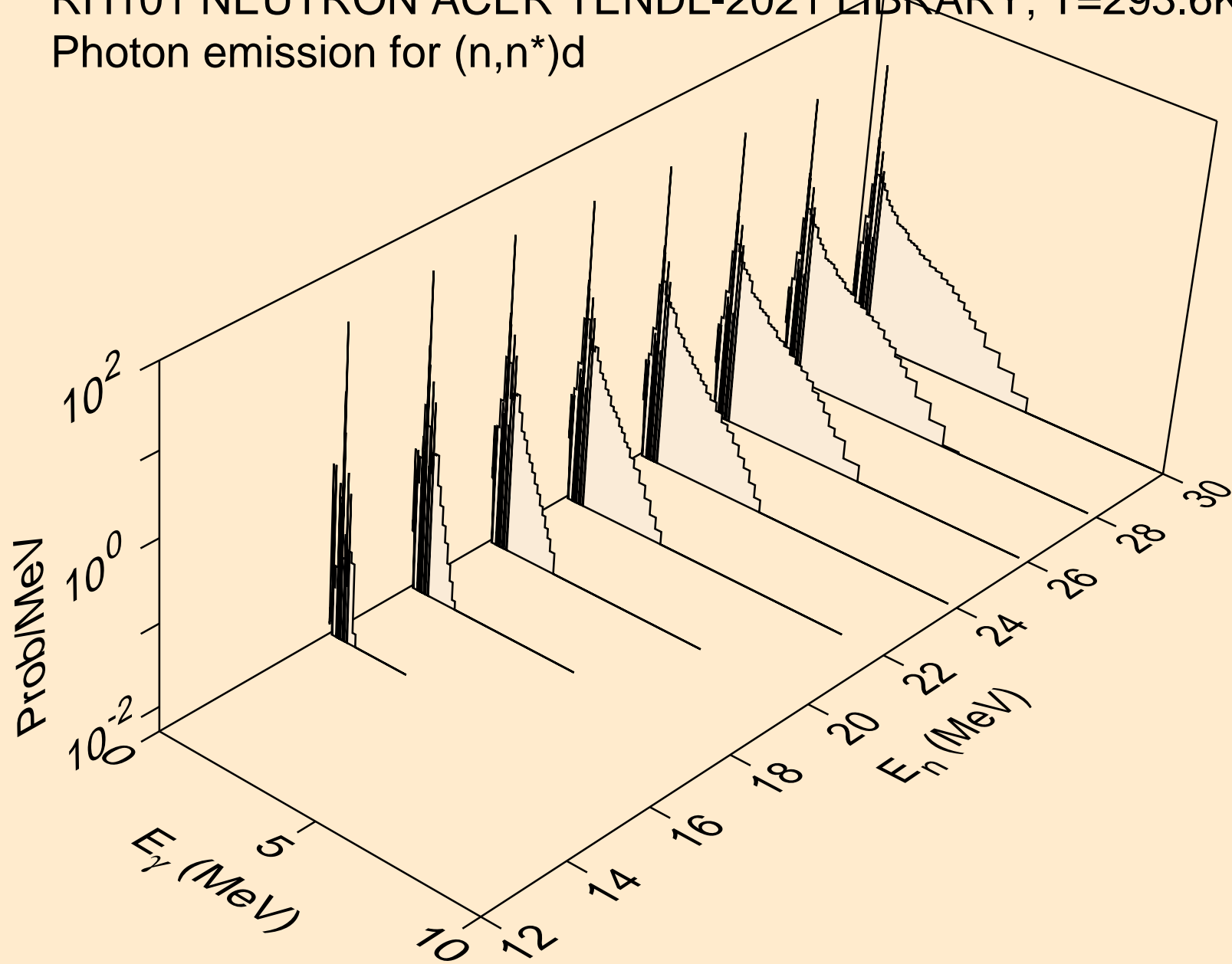
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



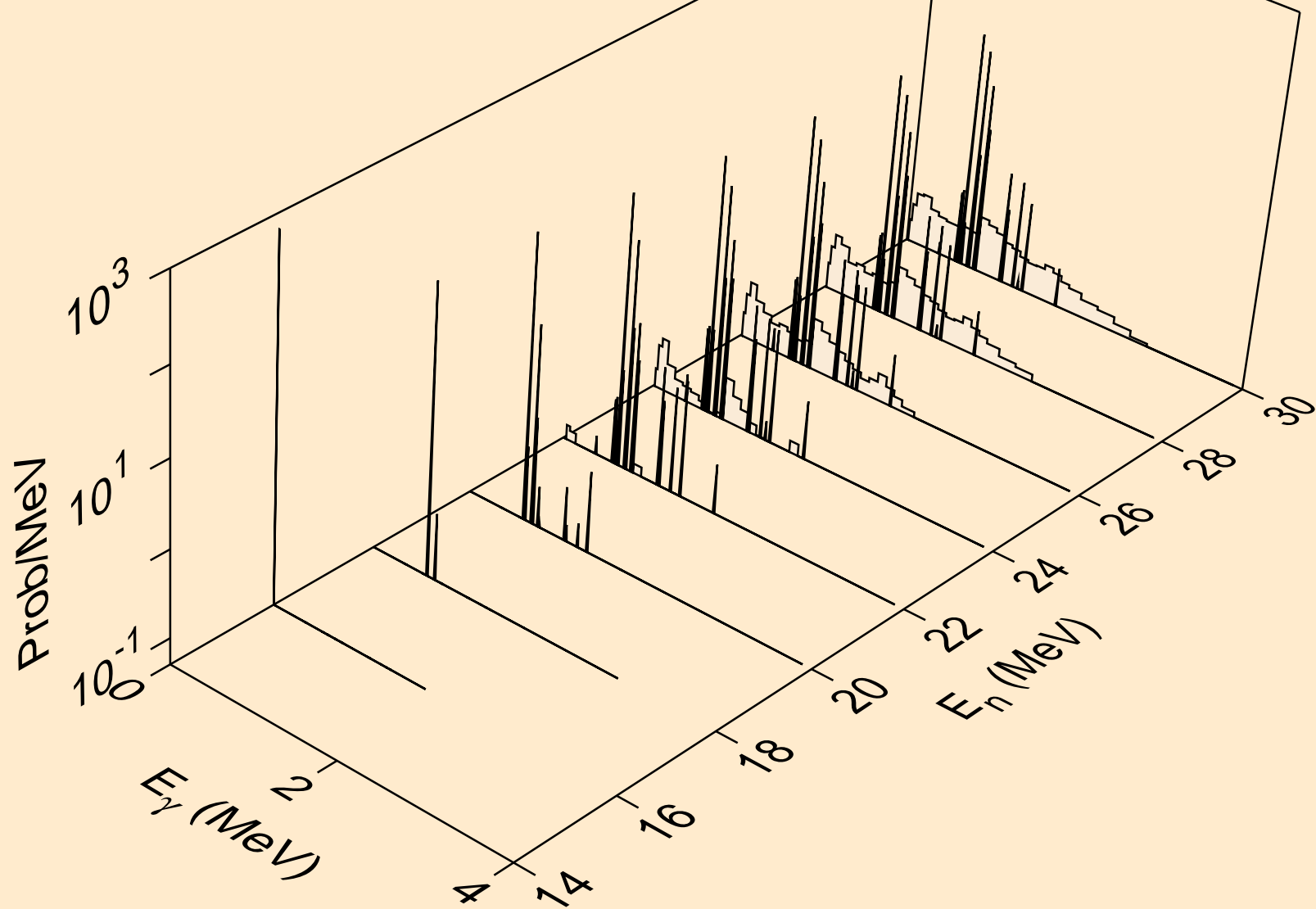
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

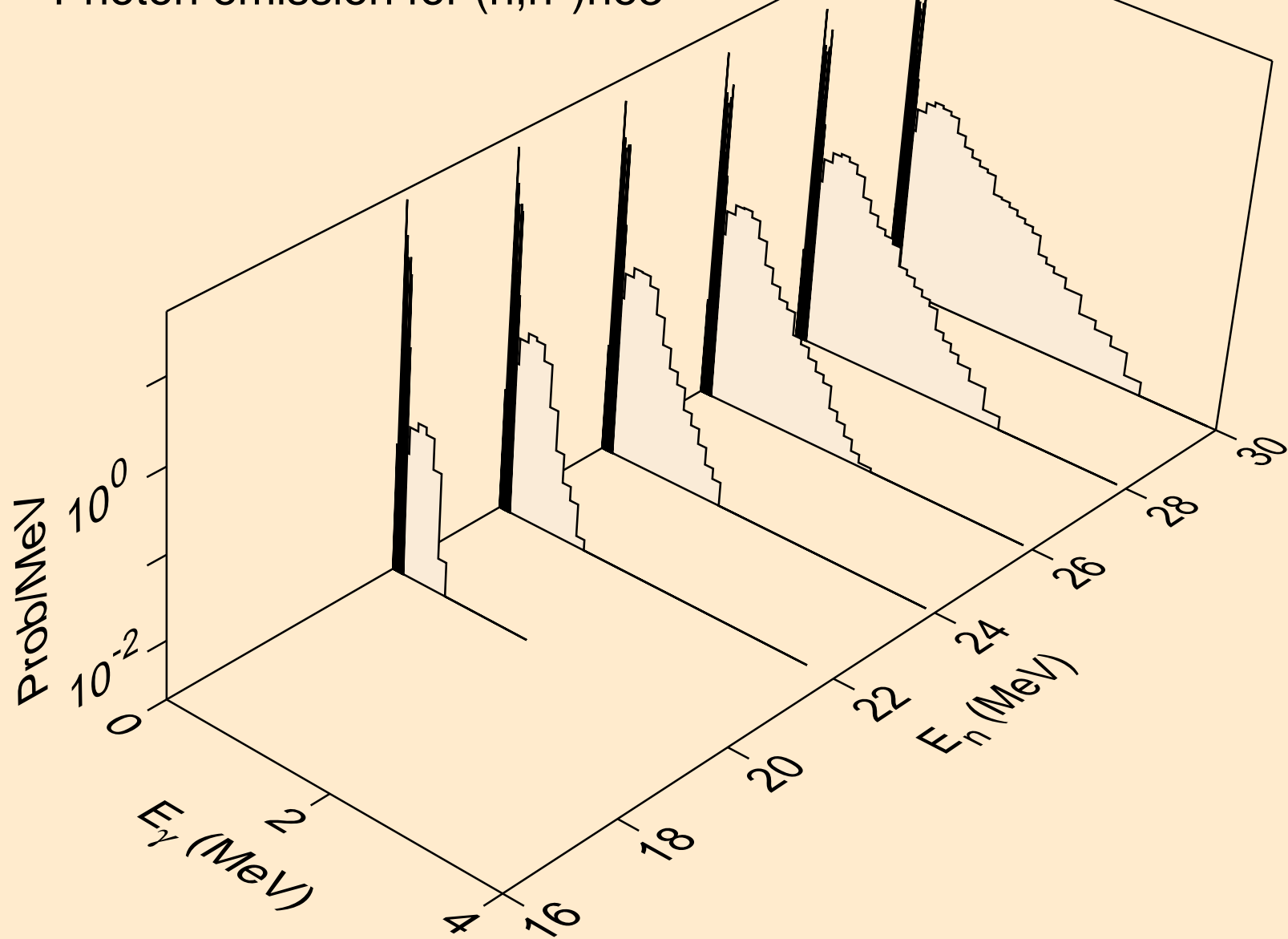


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

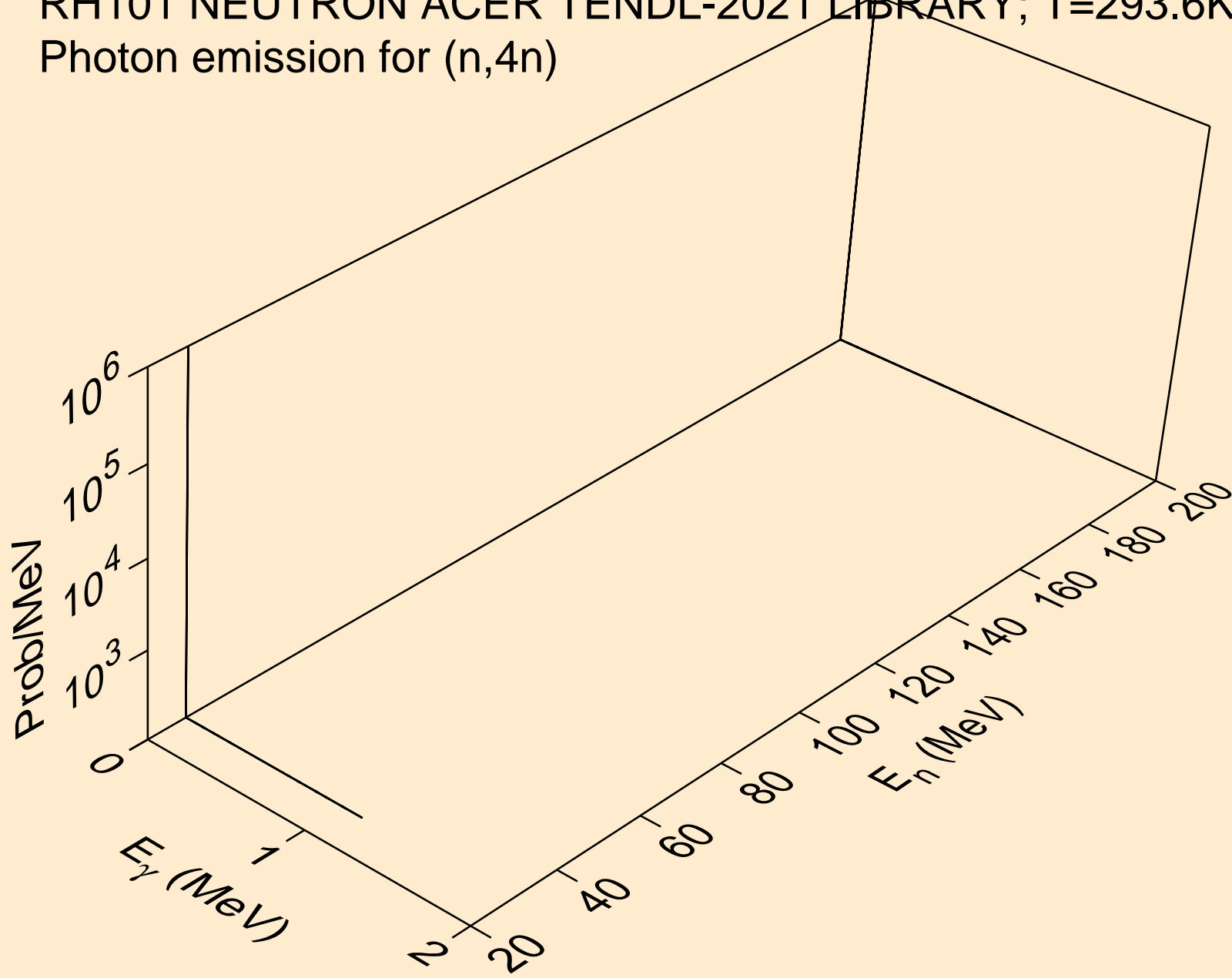




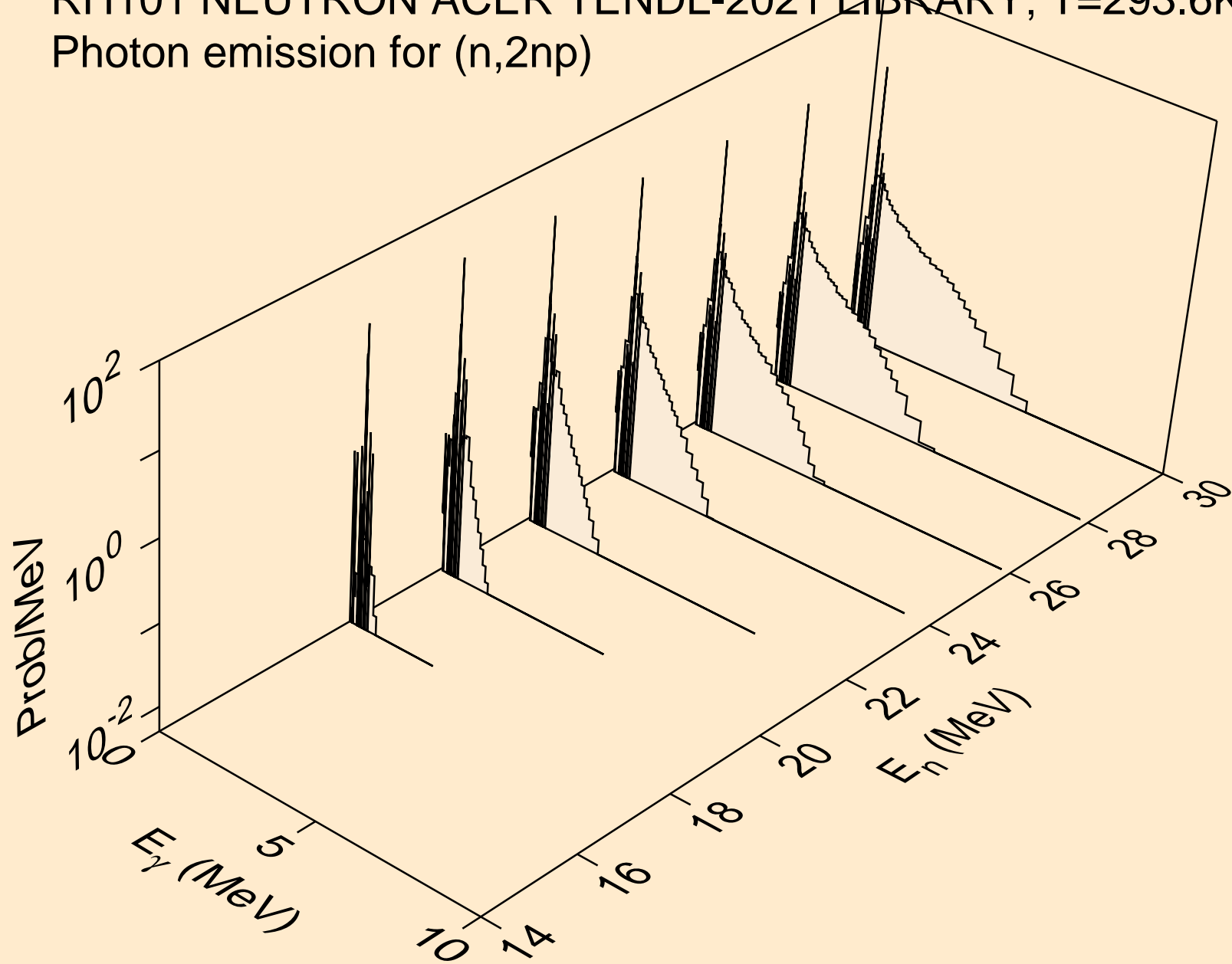
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



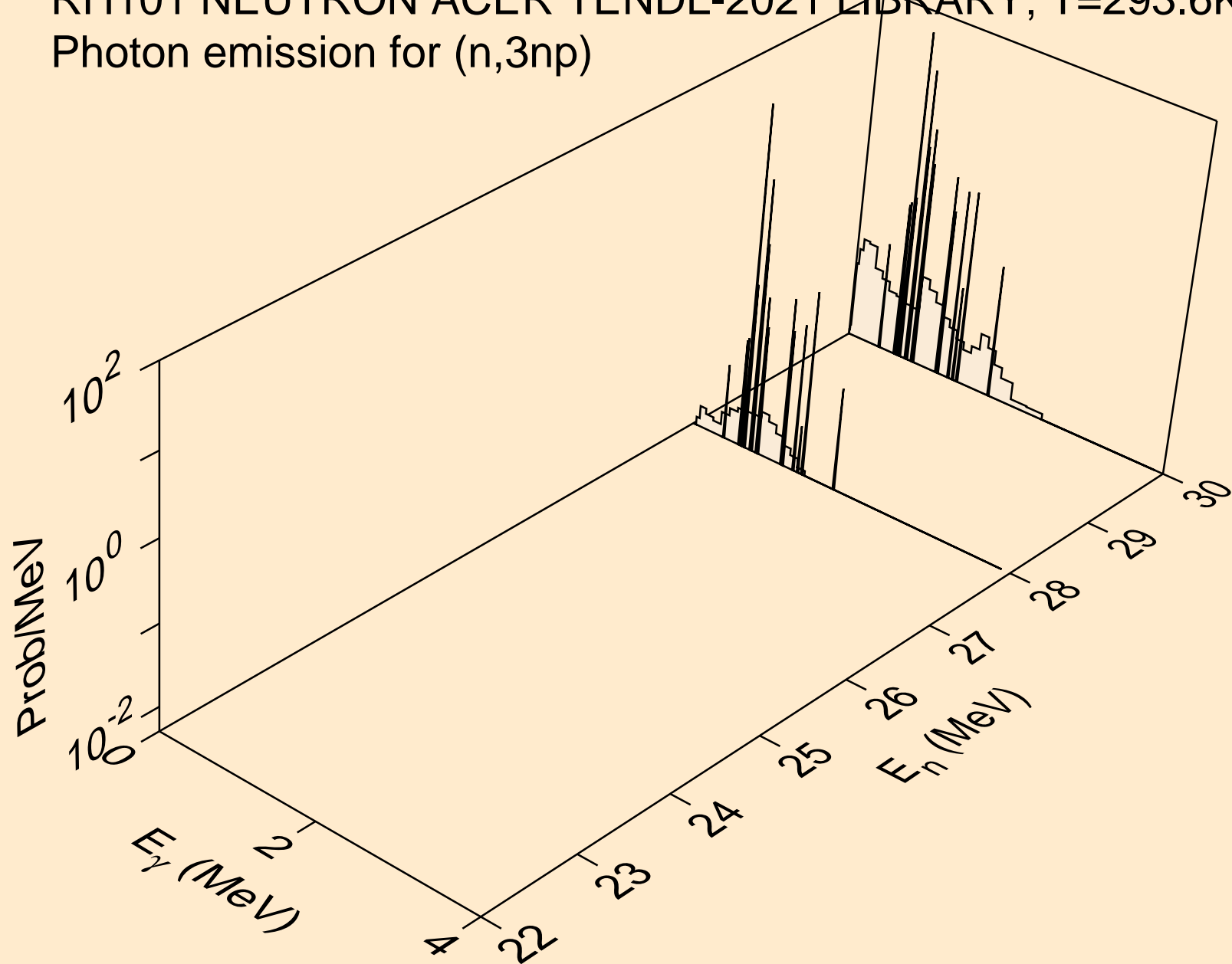
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Photon emission for (n,4n)



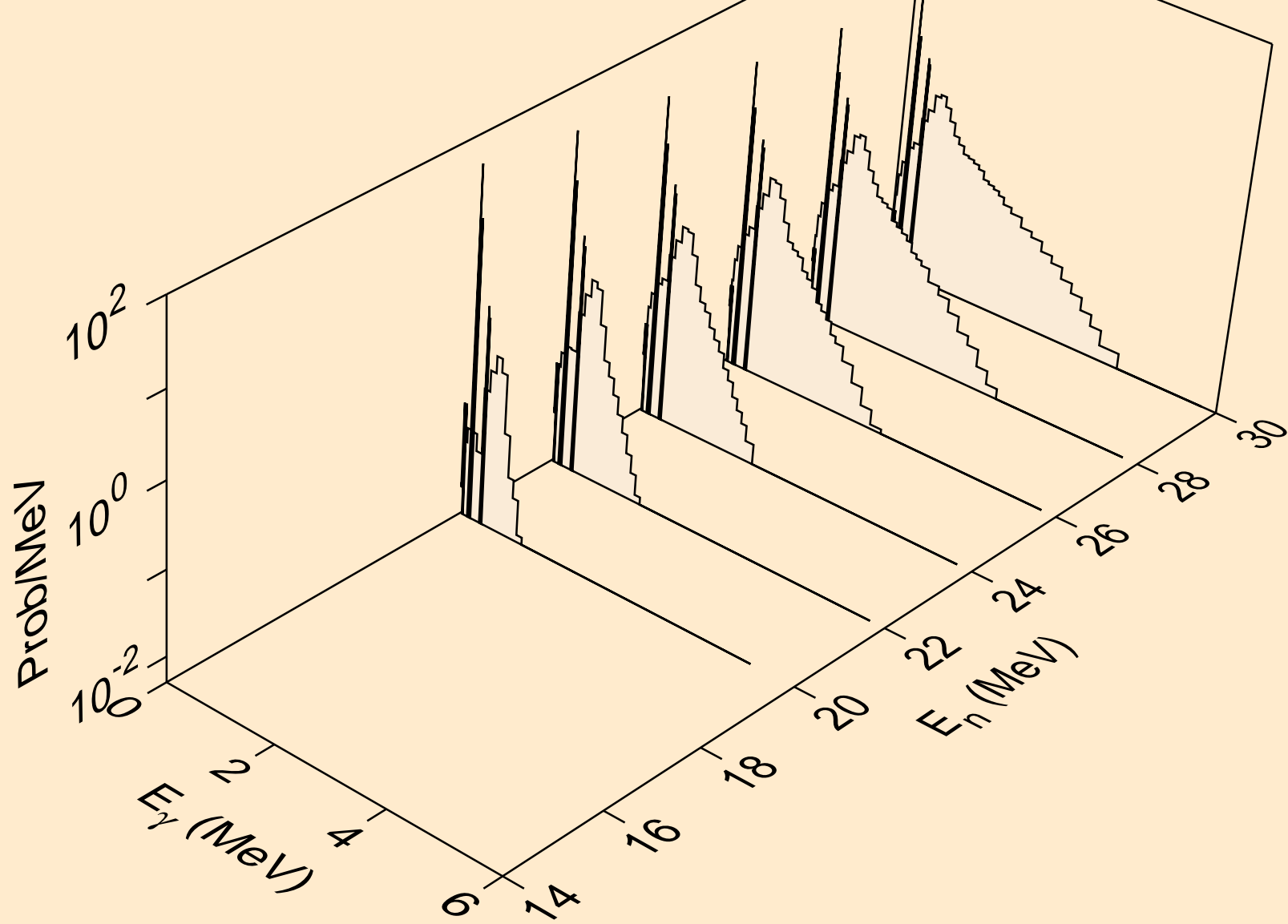
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Photon emission for (n,2np)



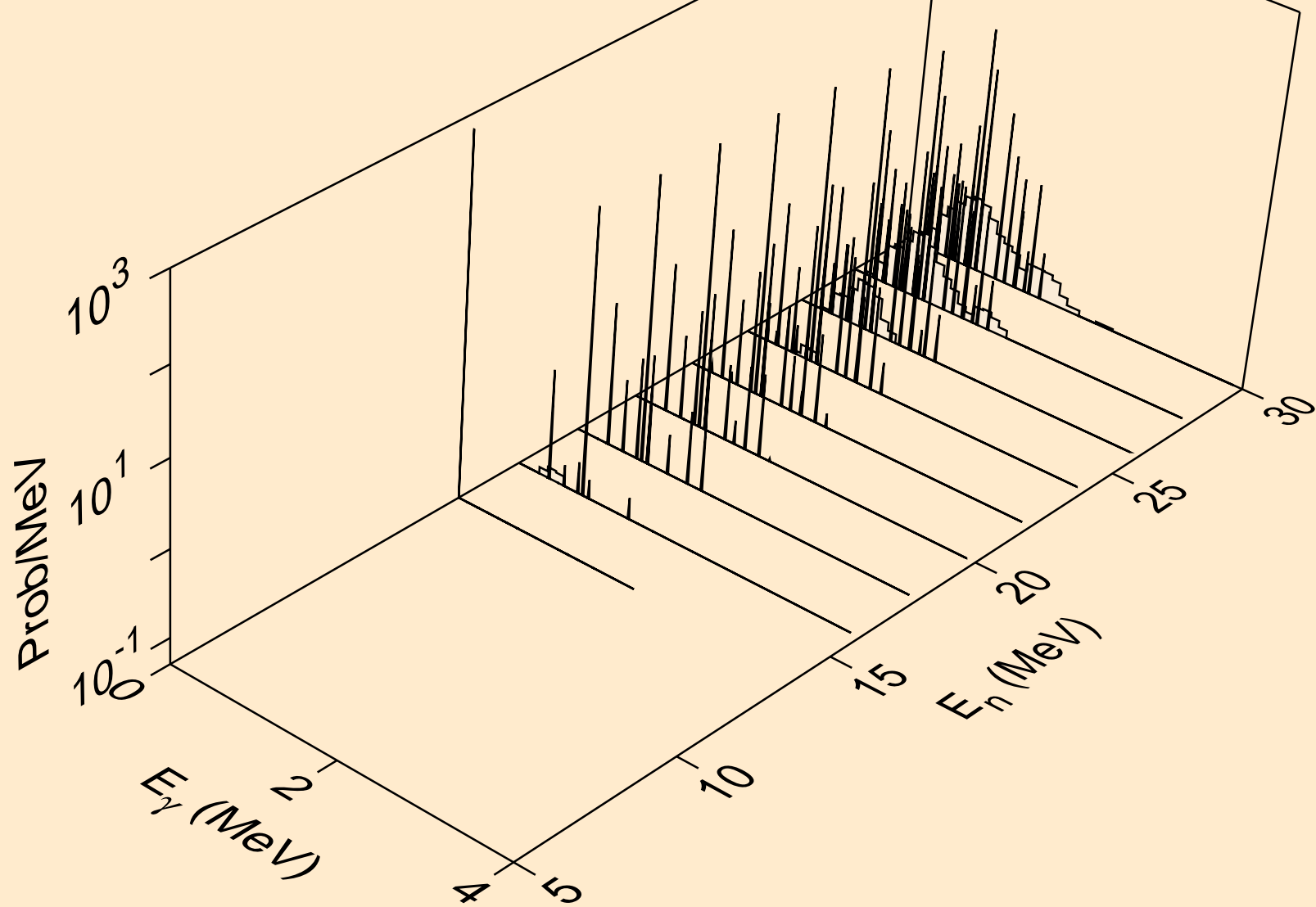
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Photon emission for (n,3np)



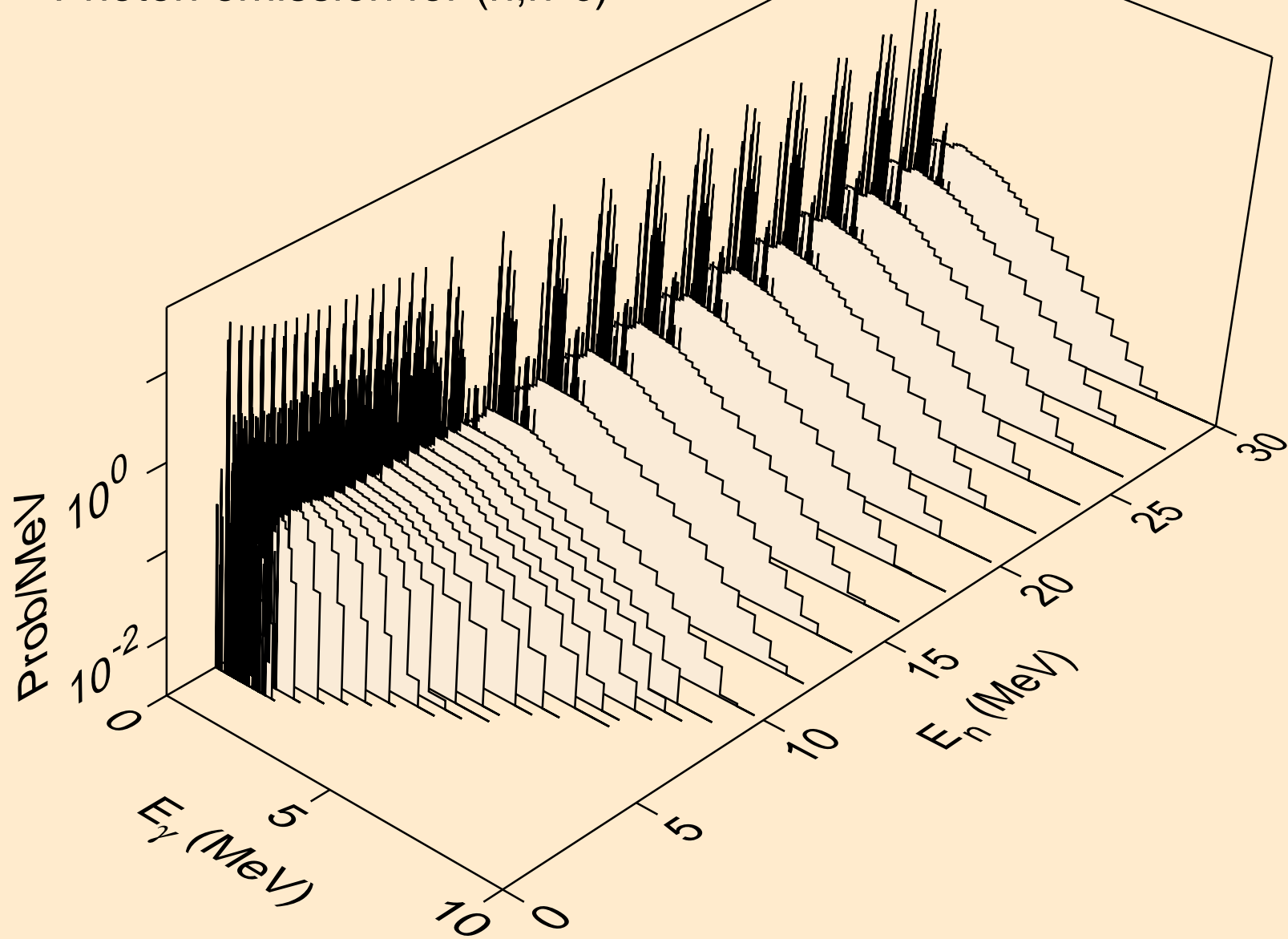
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Photon emission for (n,2np)



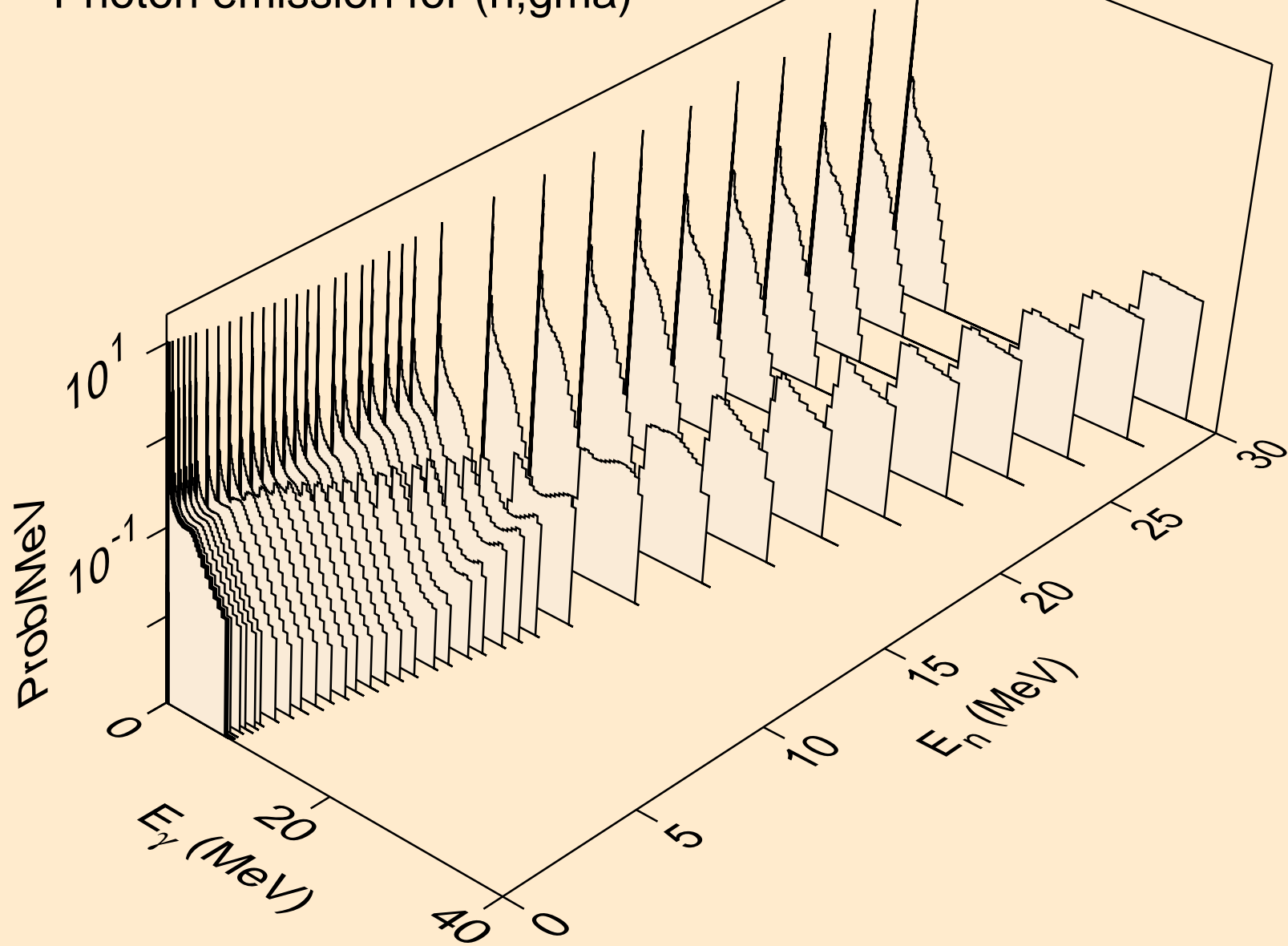
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Photon emission for (n,npa)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

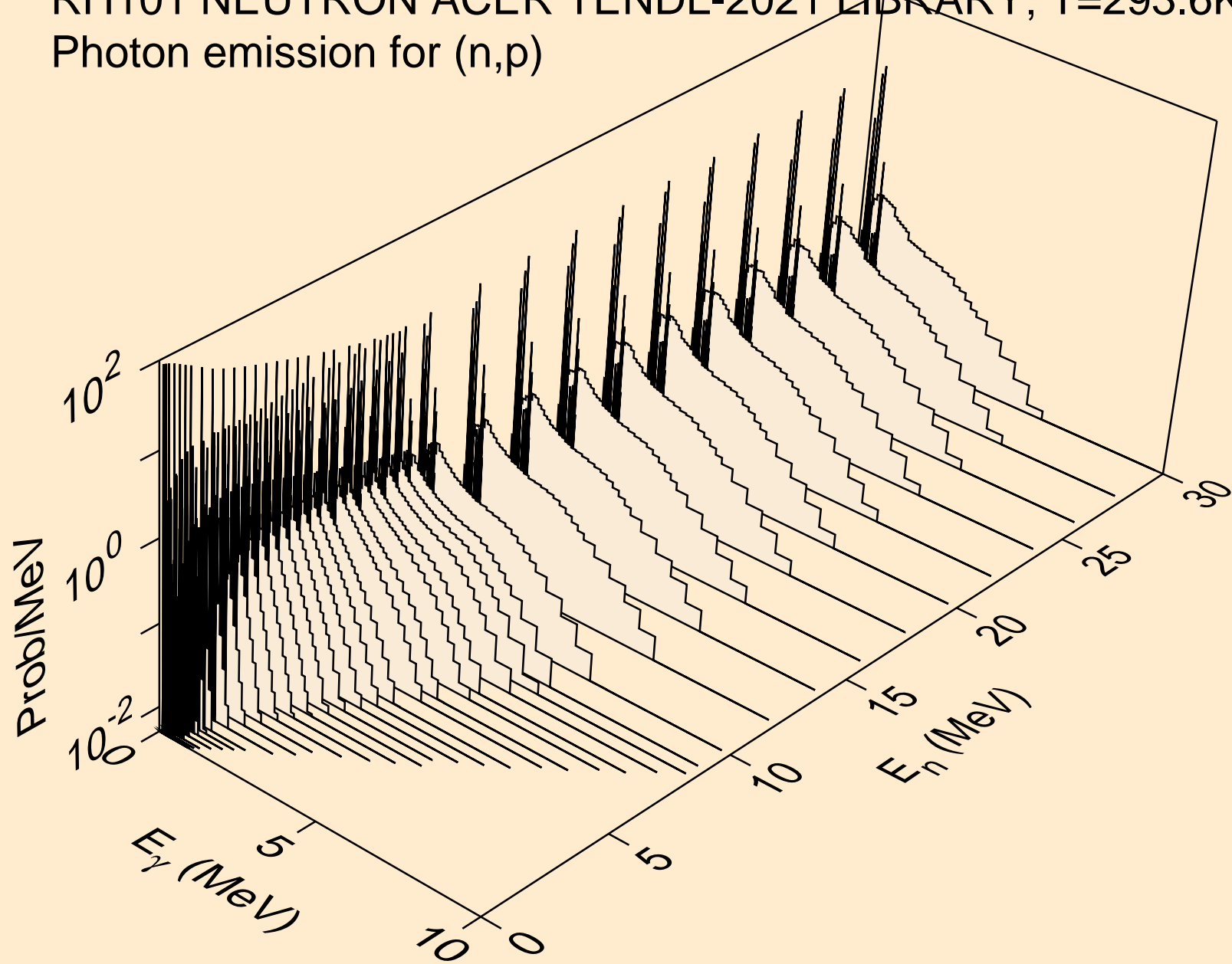


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Photon emission for (n,gma)

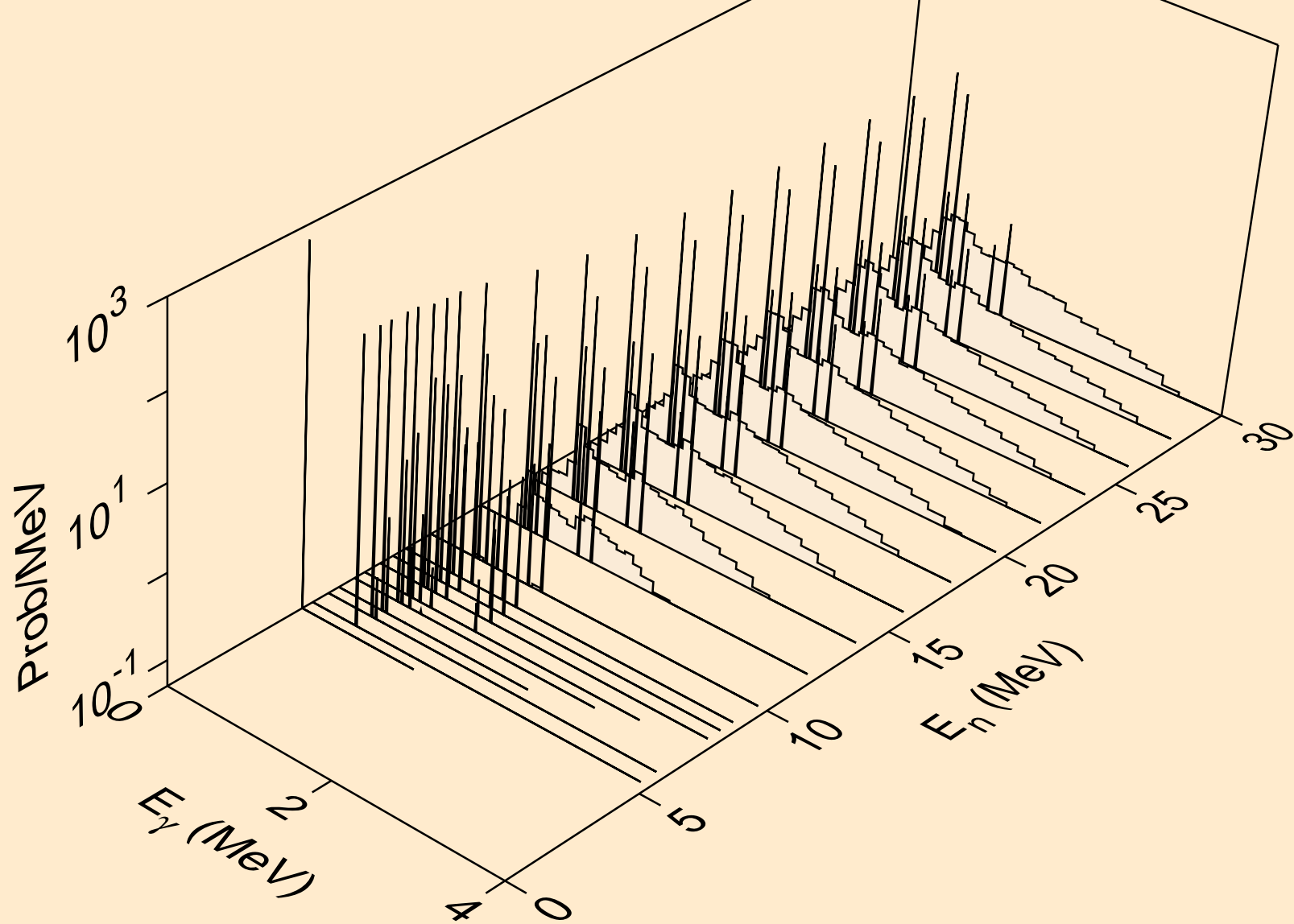




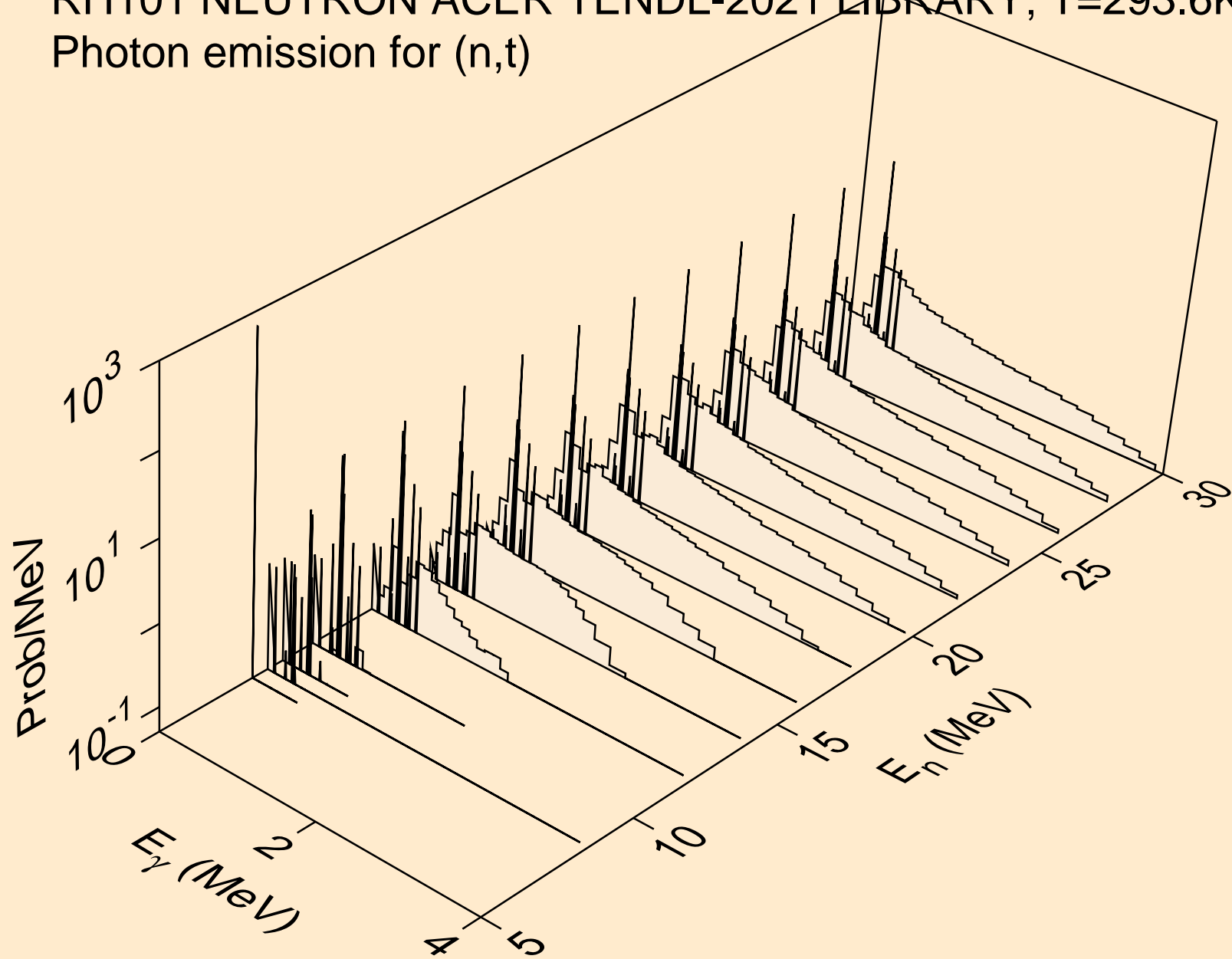
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Photon emission for (n,p)



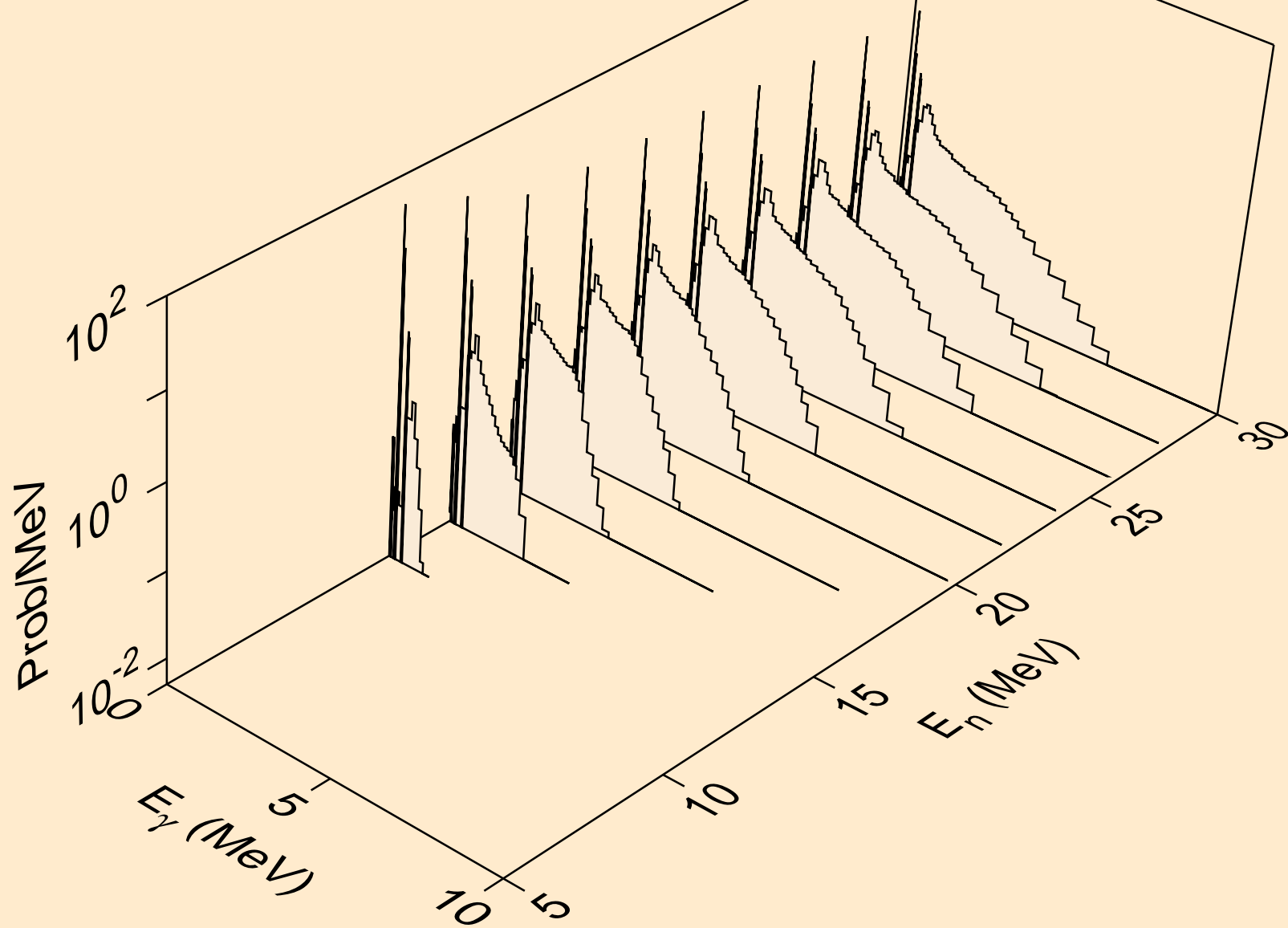
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Photon emission for (n,d)



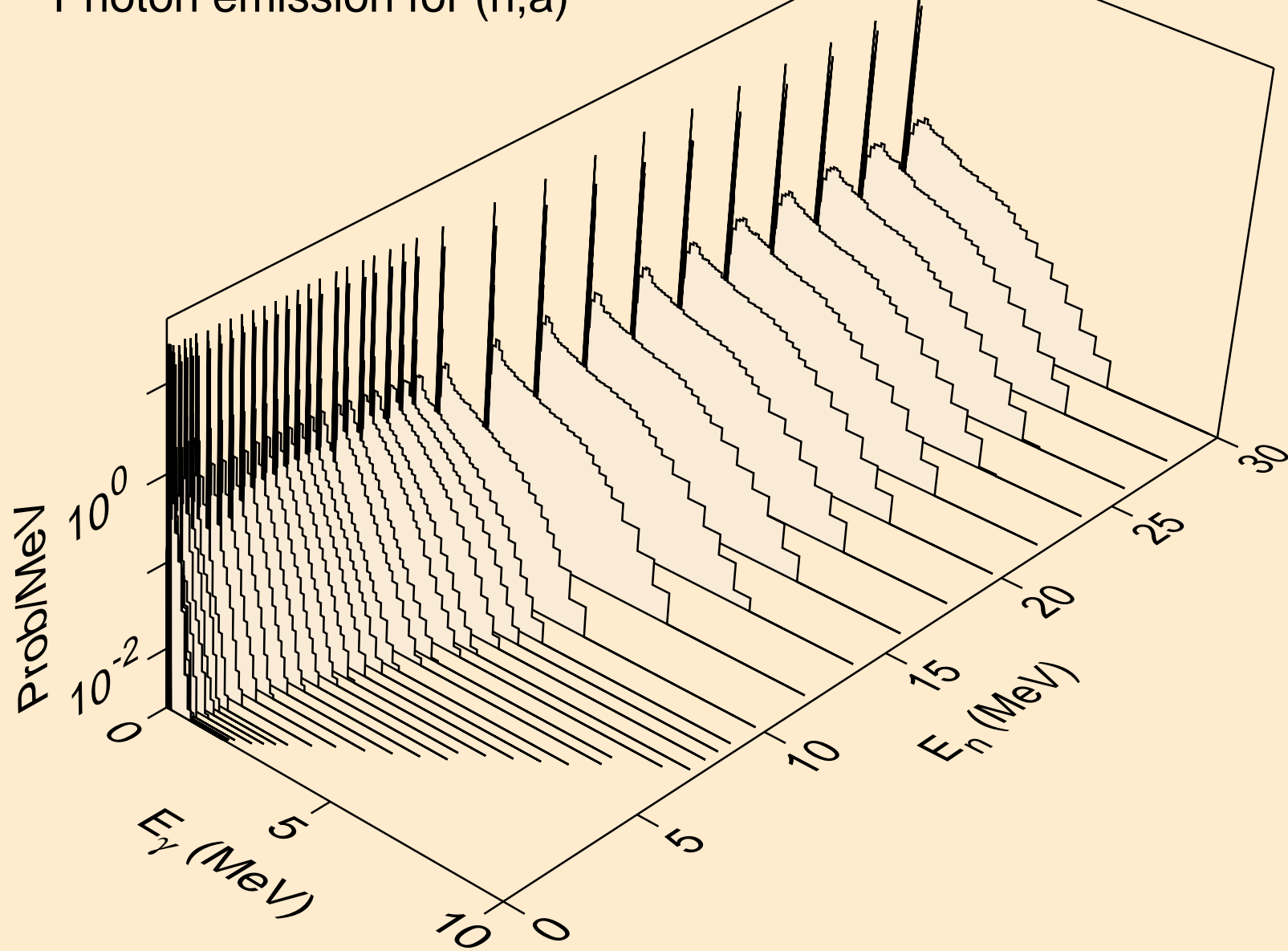
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Photon emission for (n,t)



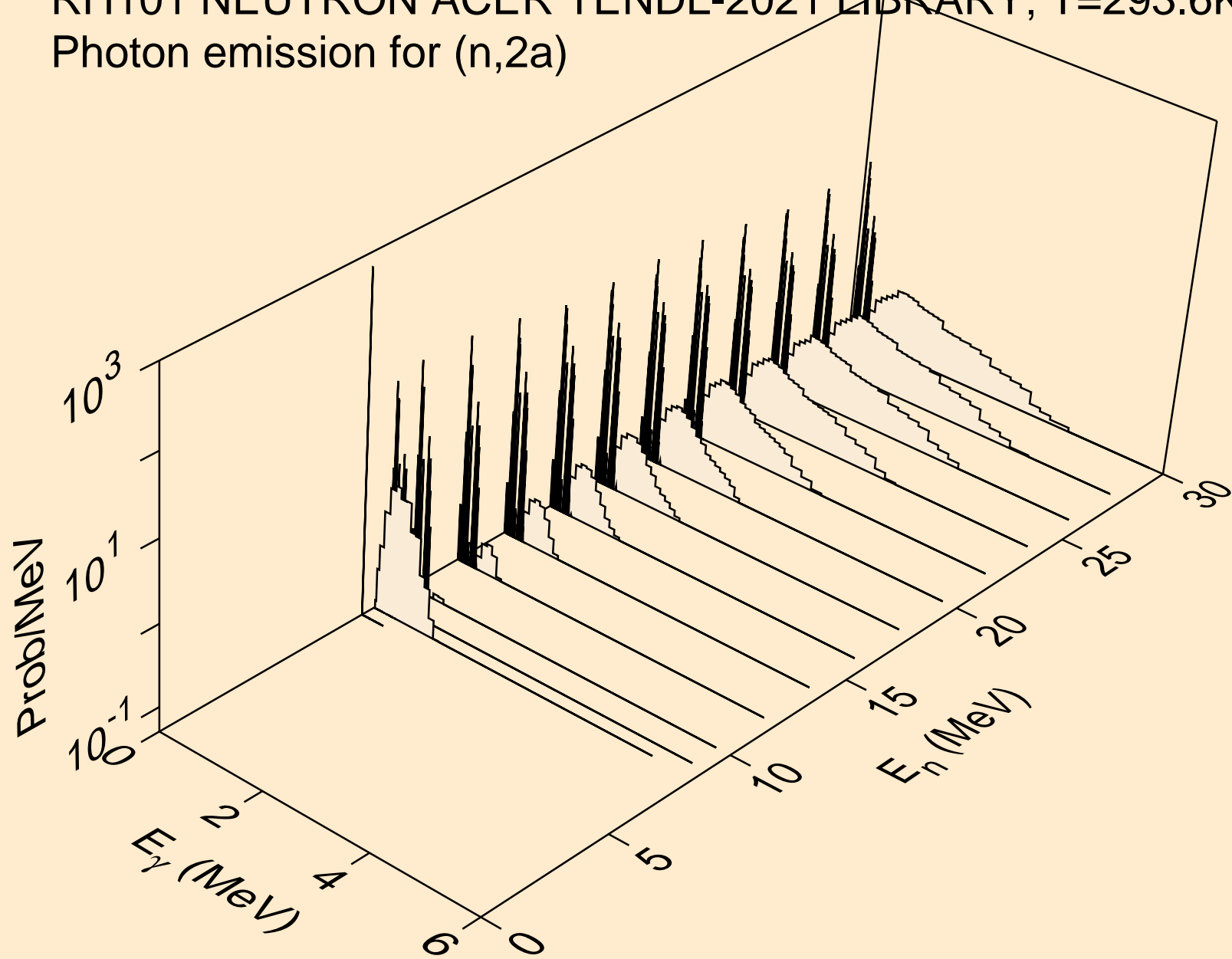
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Photon emission for (n,he3)



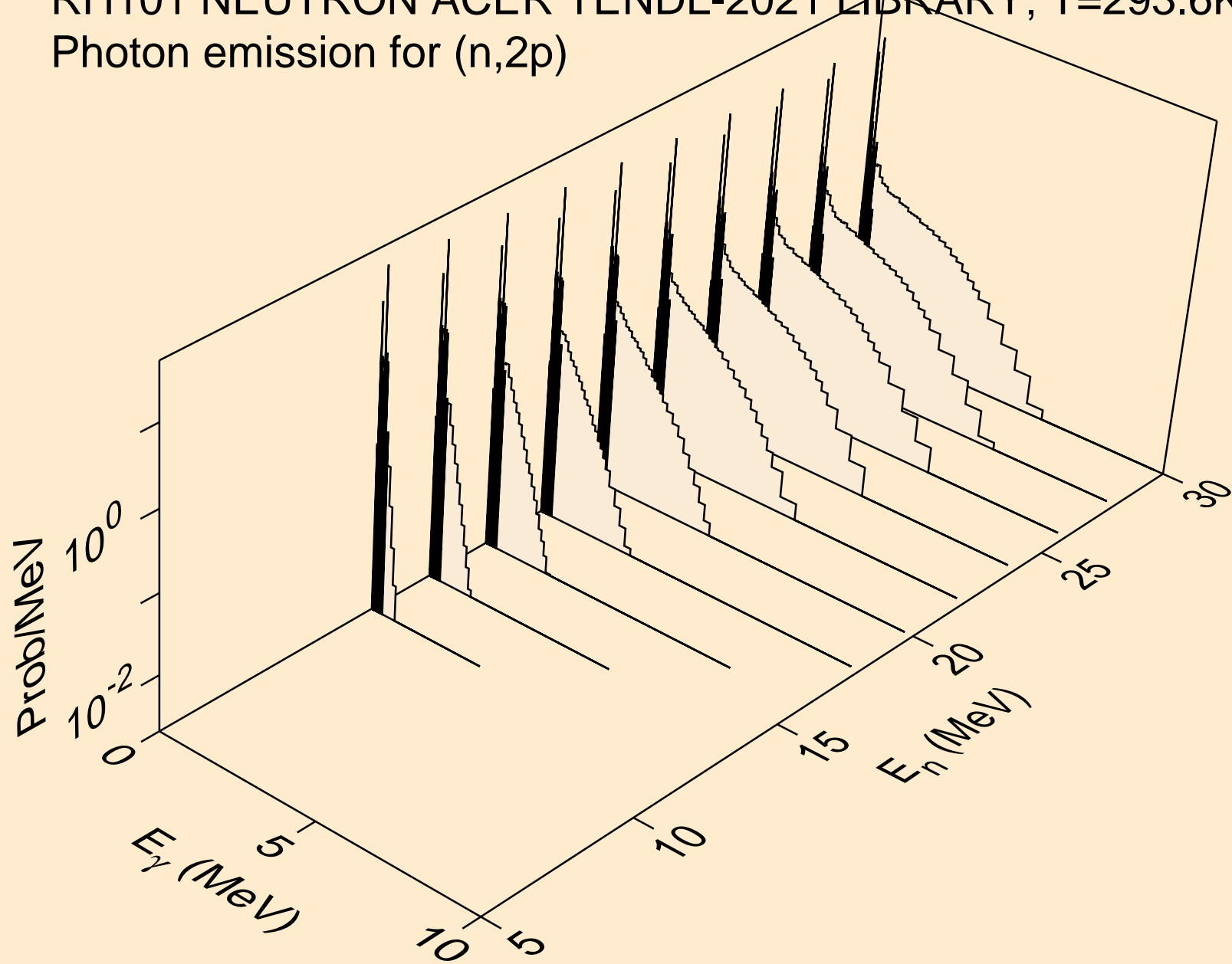
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Photon emission for (n,a)



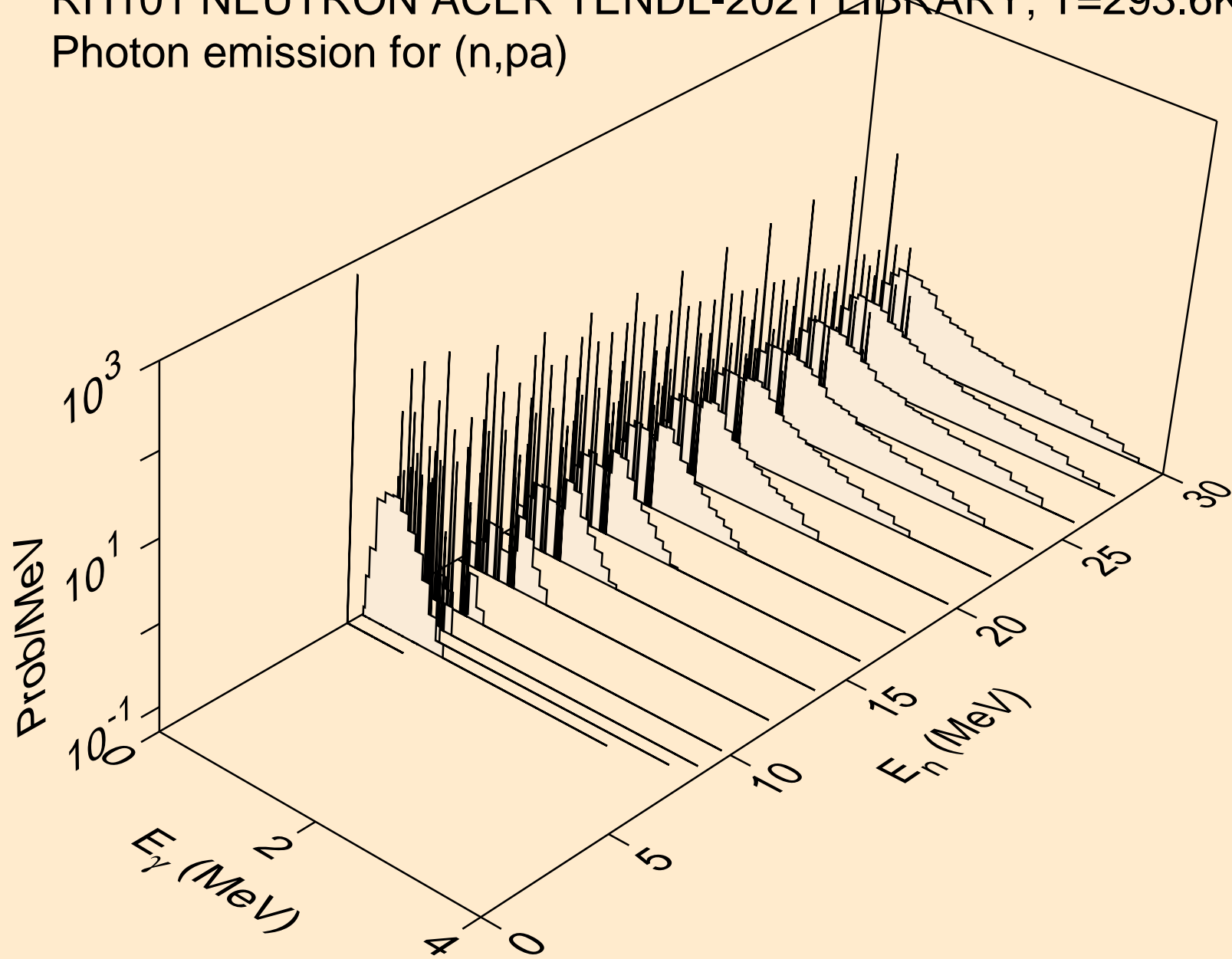
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

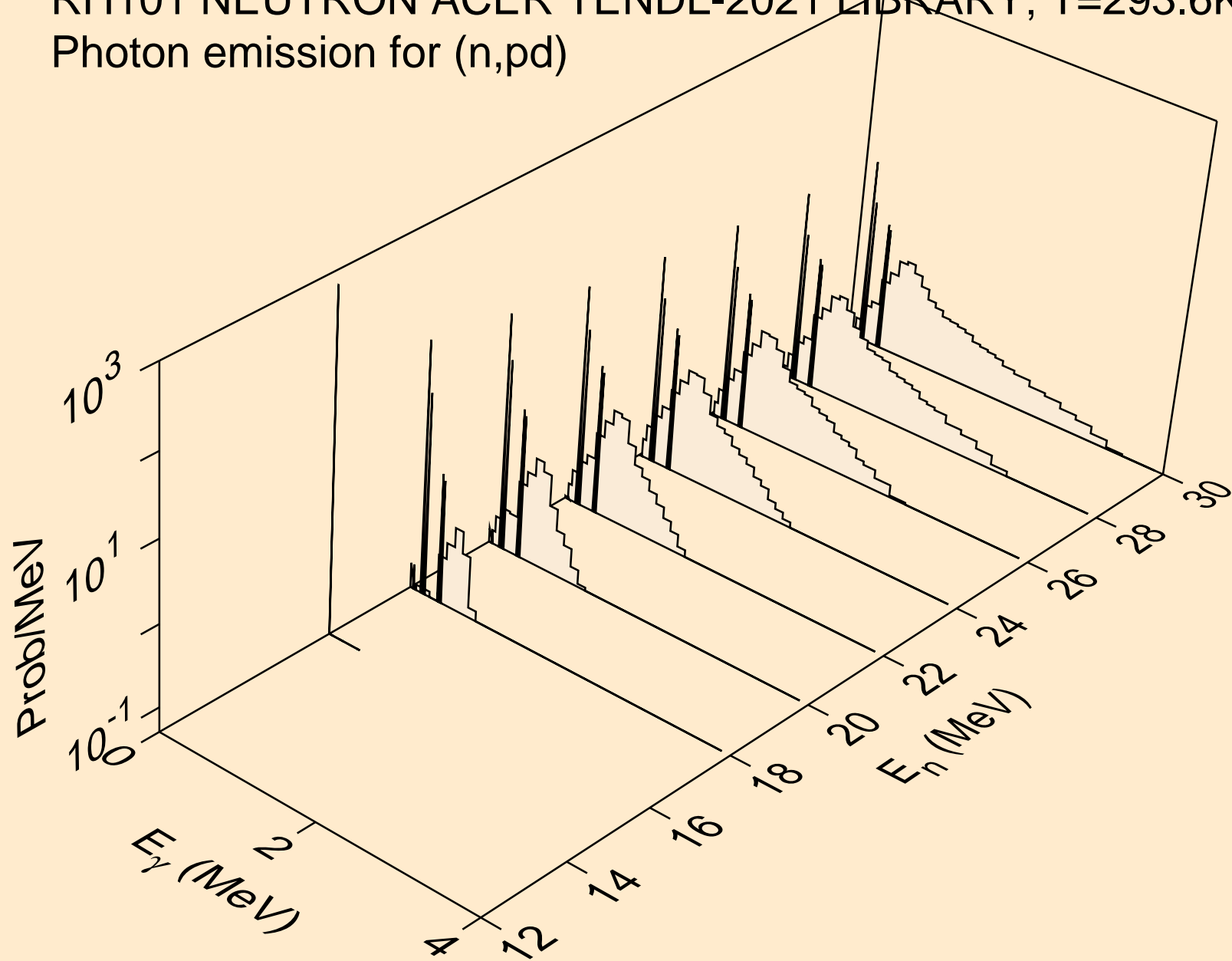


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Photon emission for (n,p $\alpha$ )

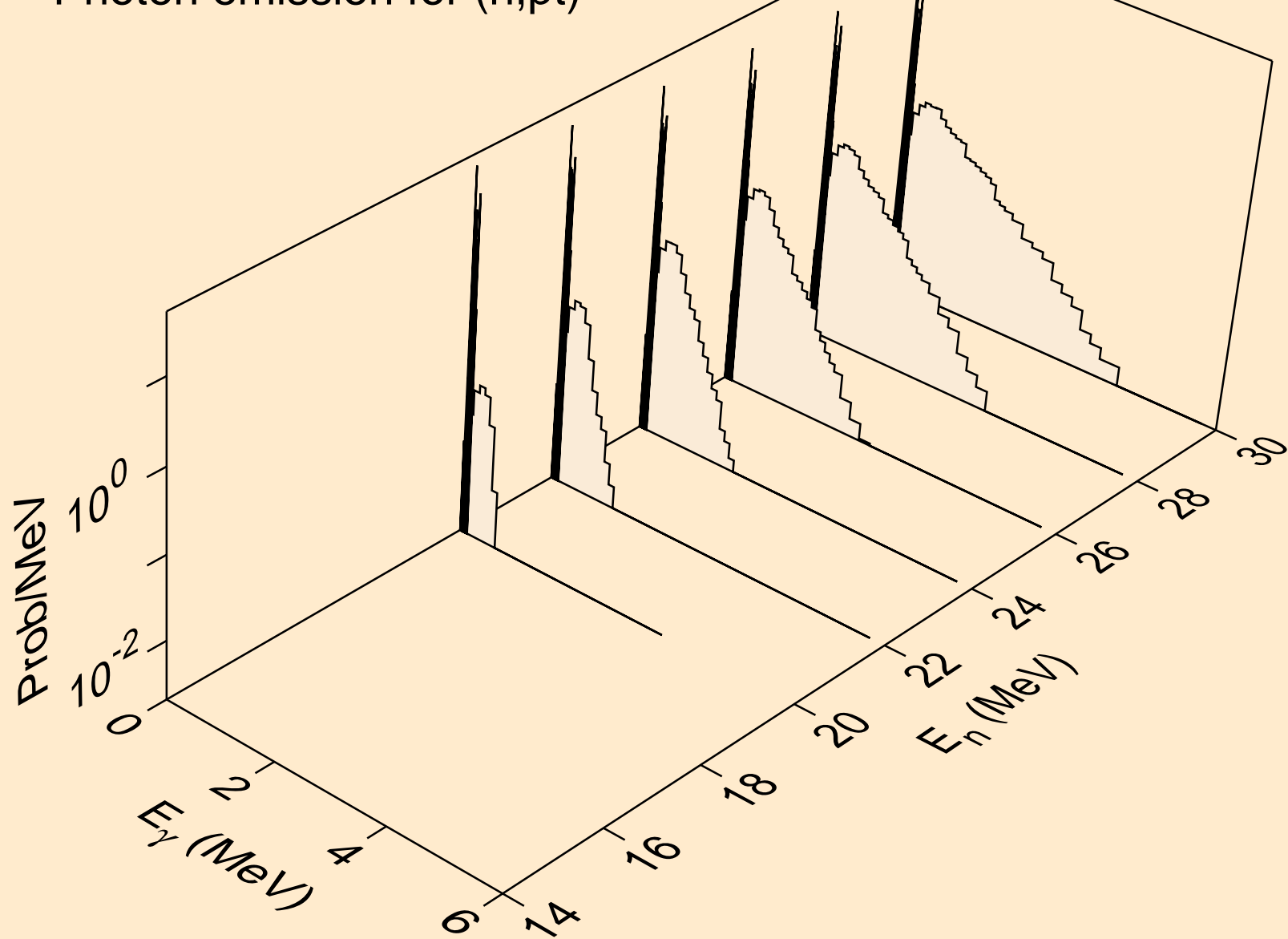




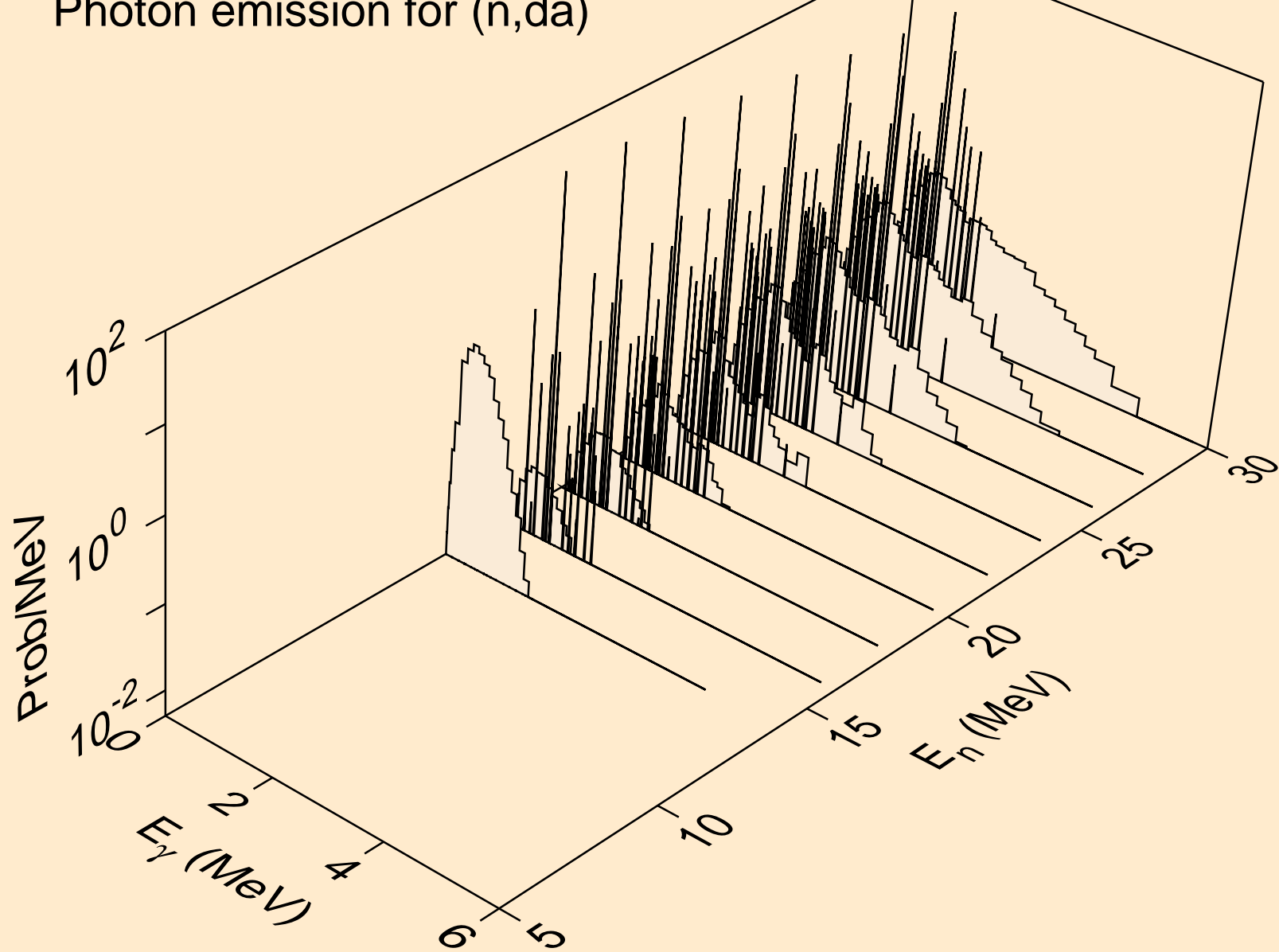
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Photon emission for (n,pd)



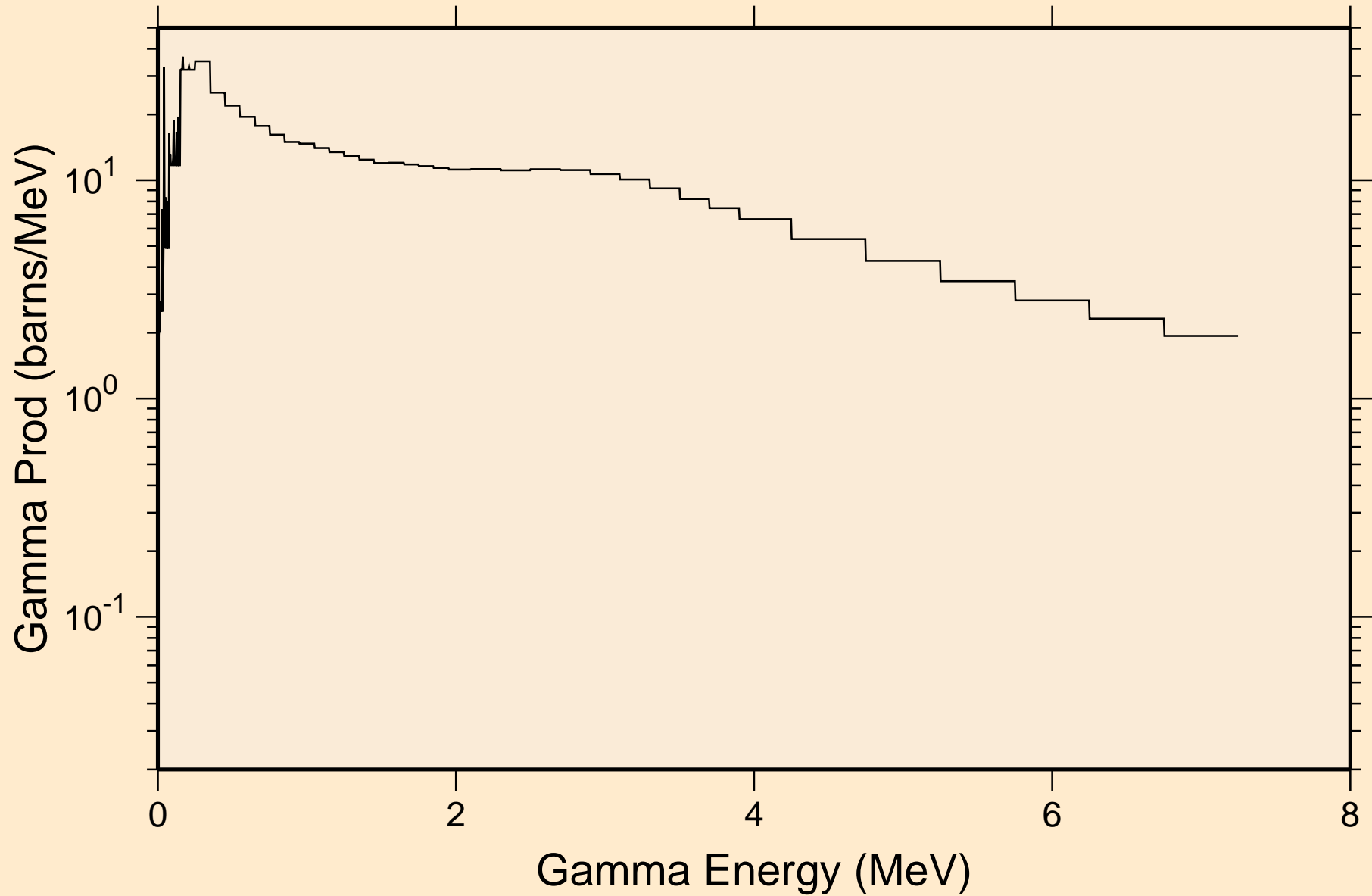
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Photon emission for (n,pt)



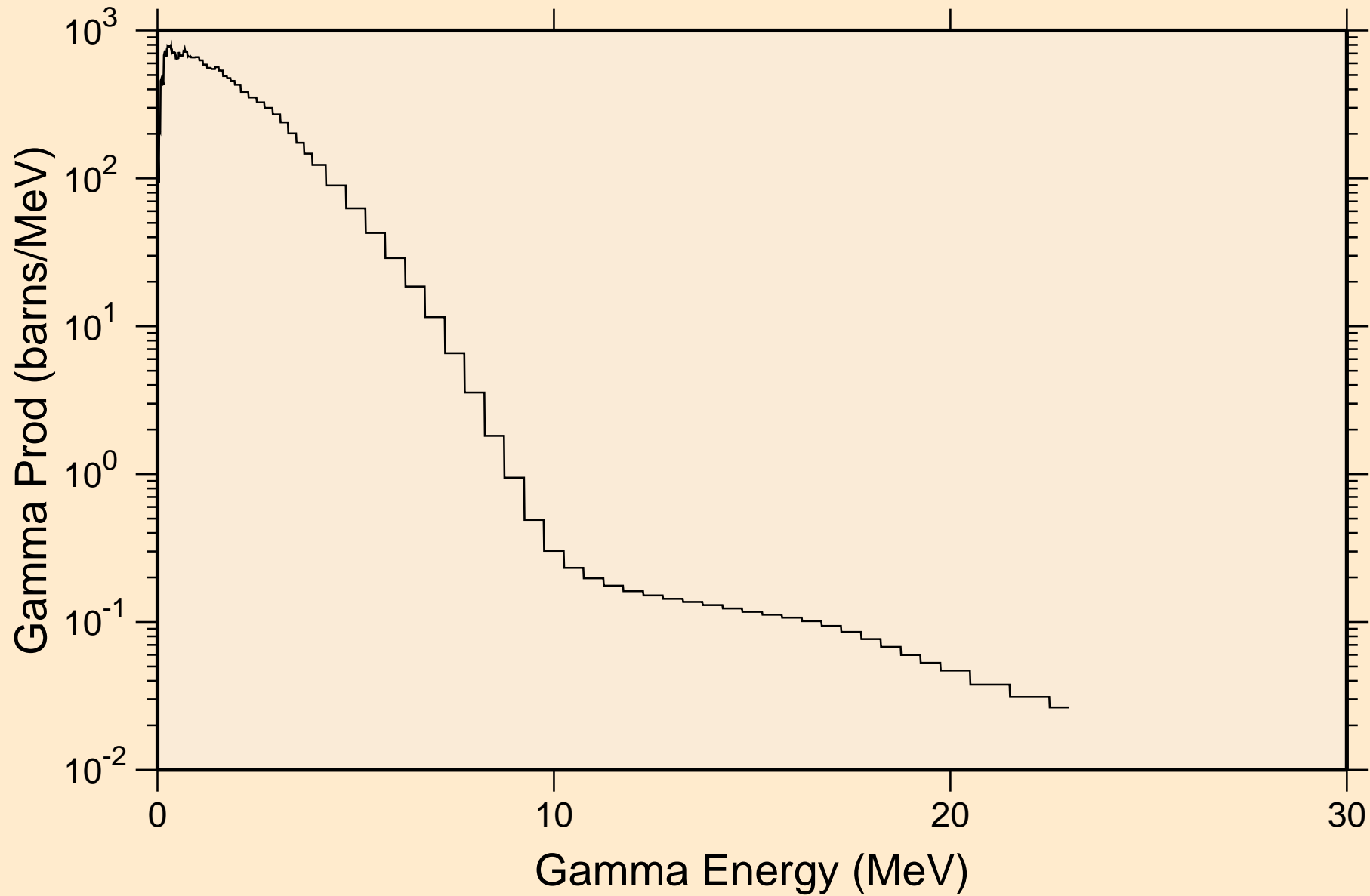
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

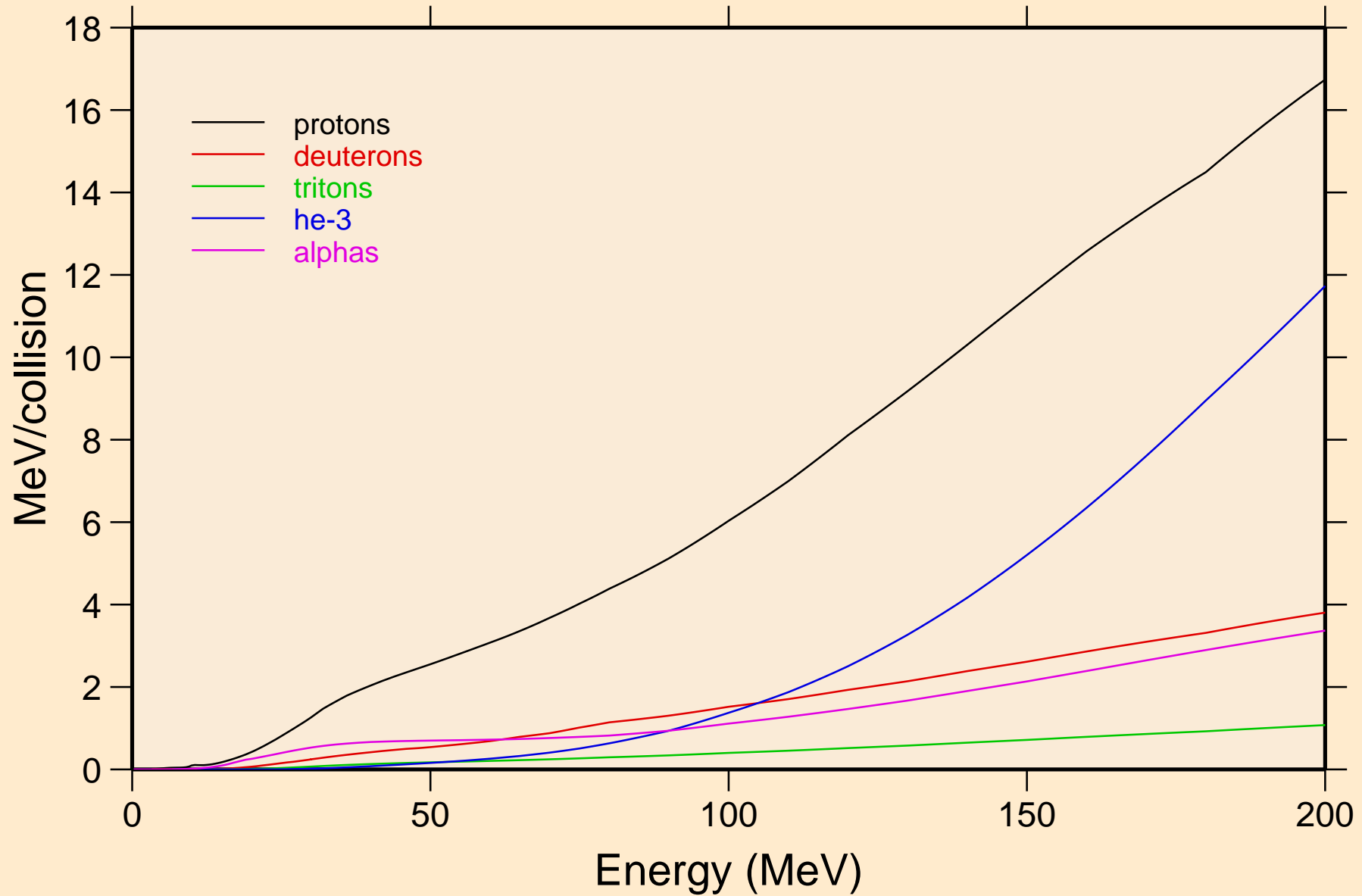


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14 MeV photon spectrum

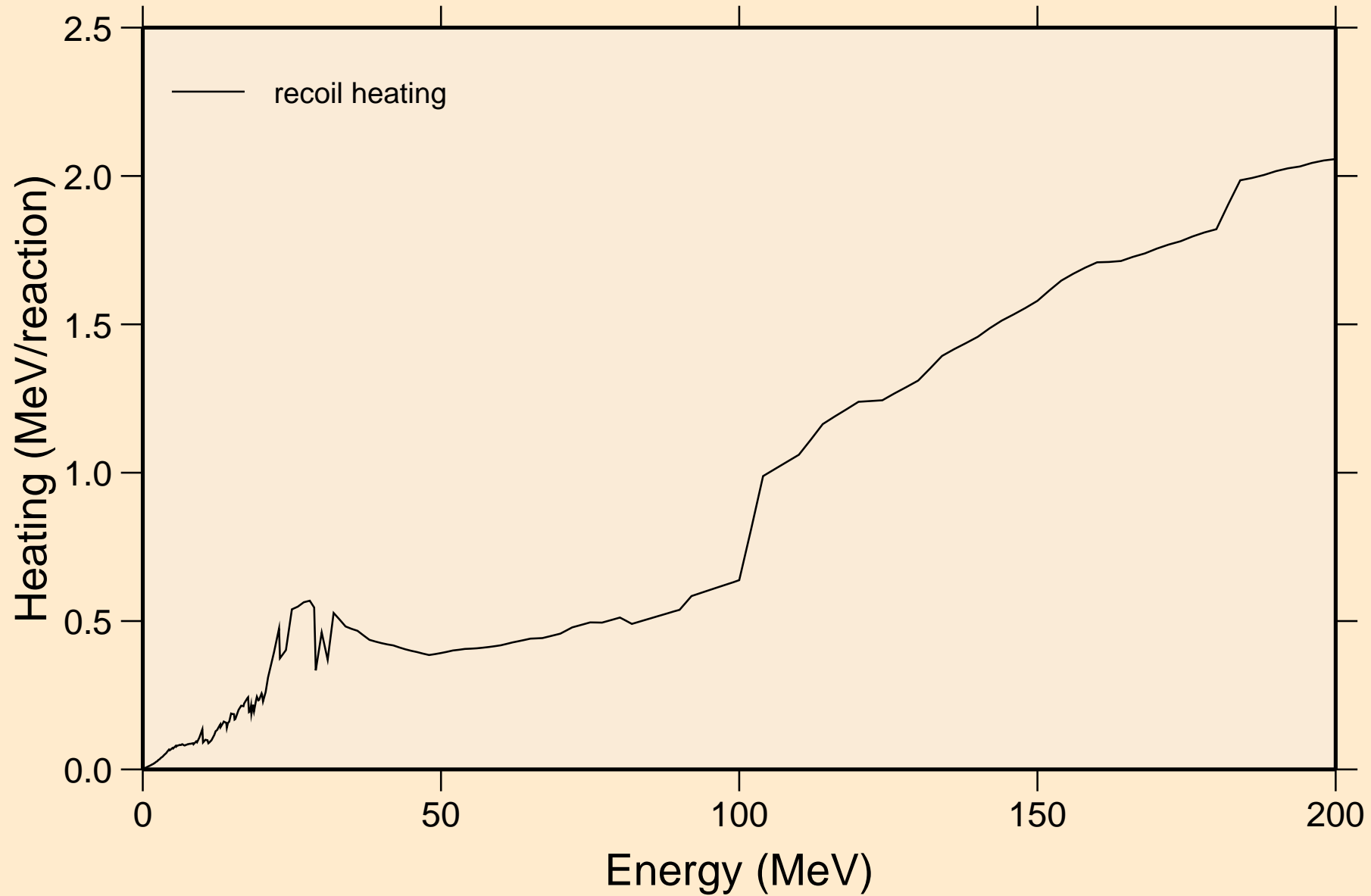


# RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

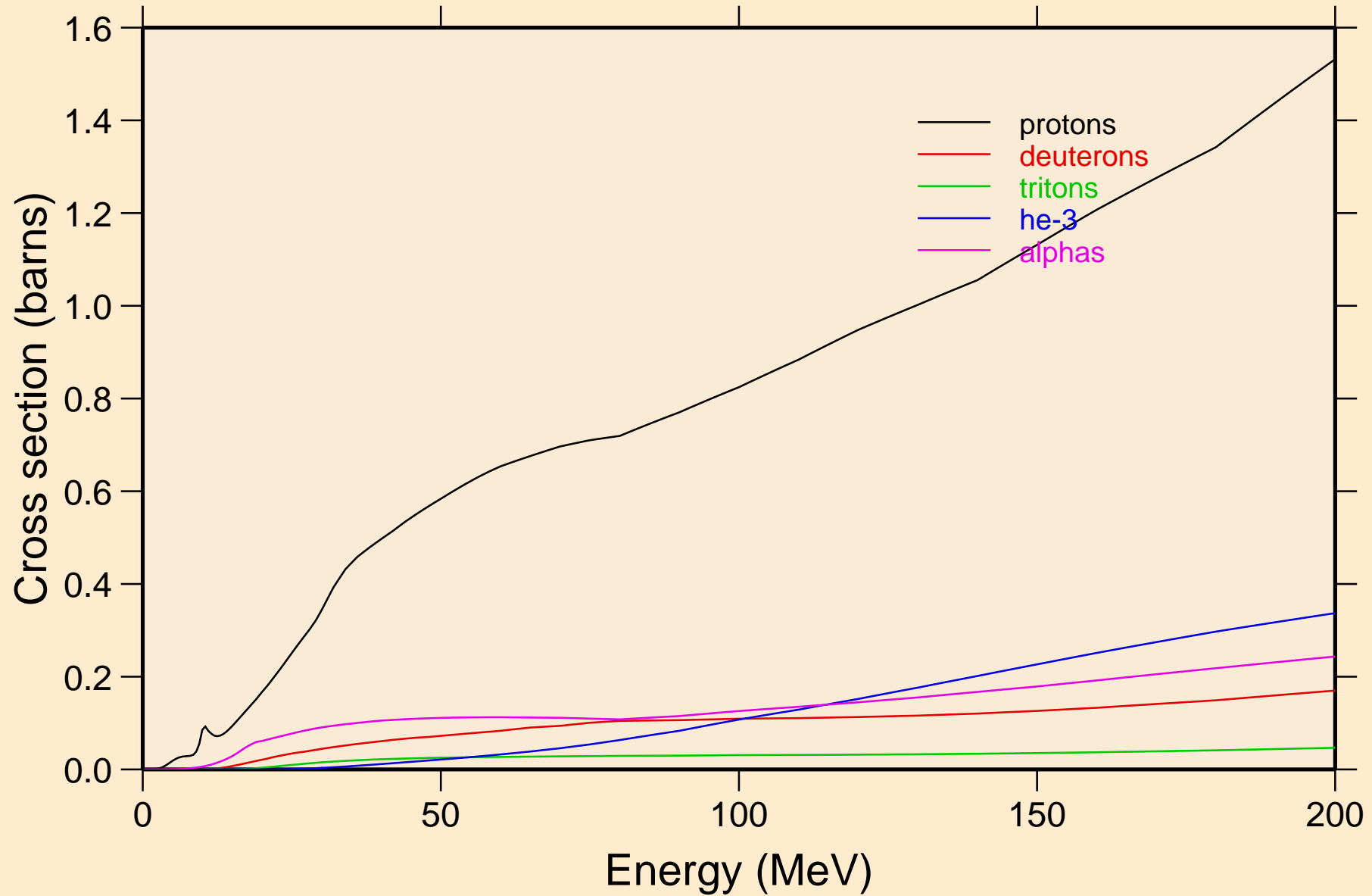


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



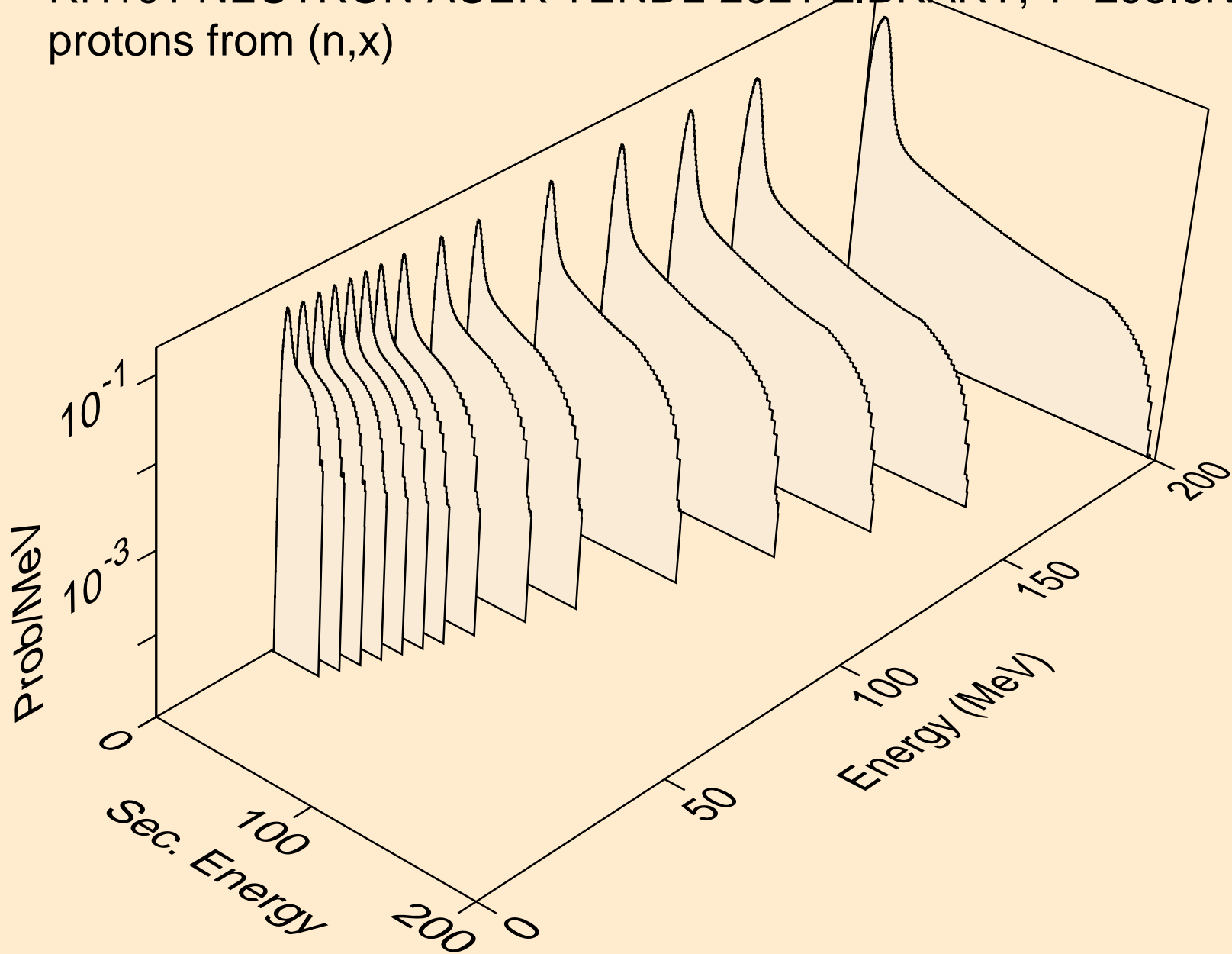
# RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle production cross sections

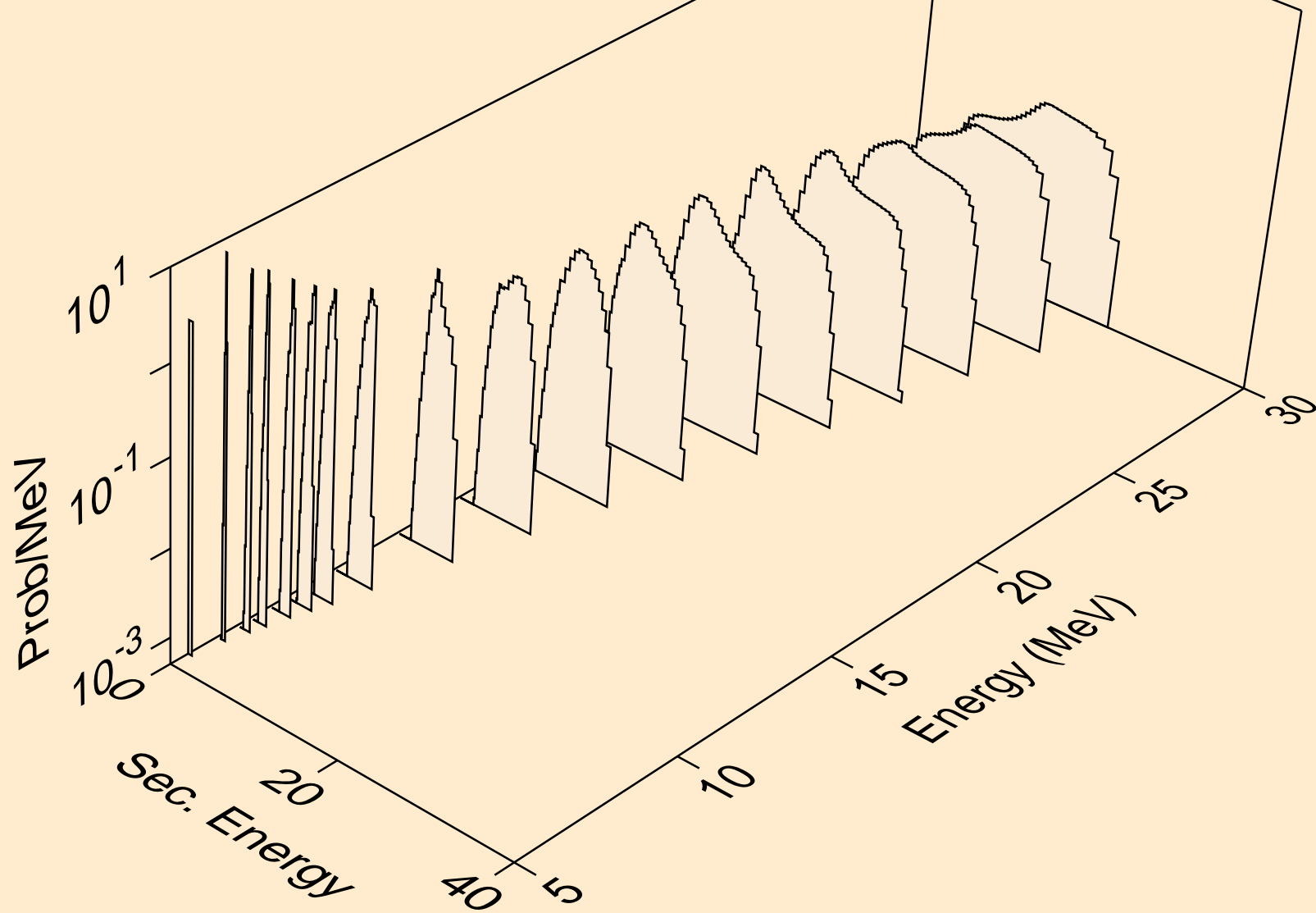




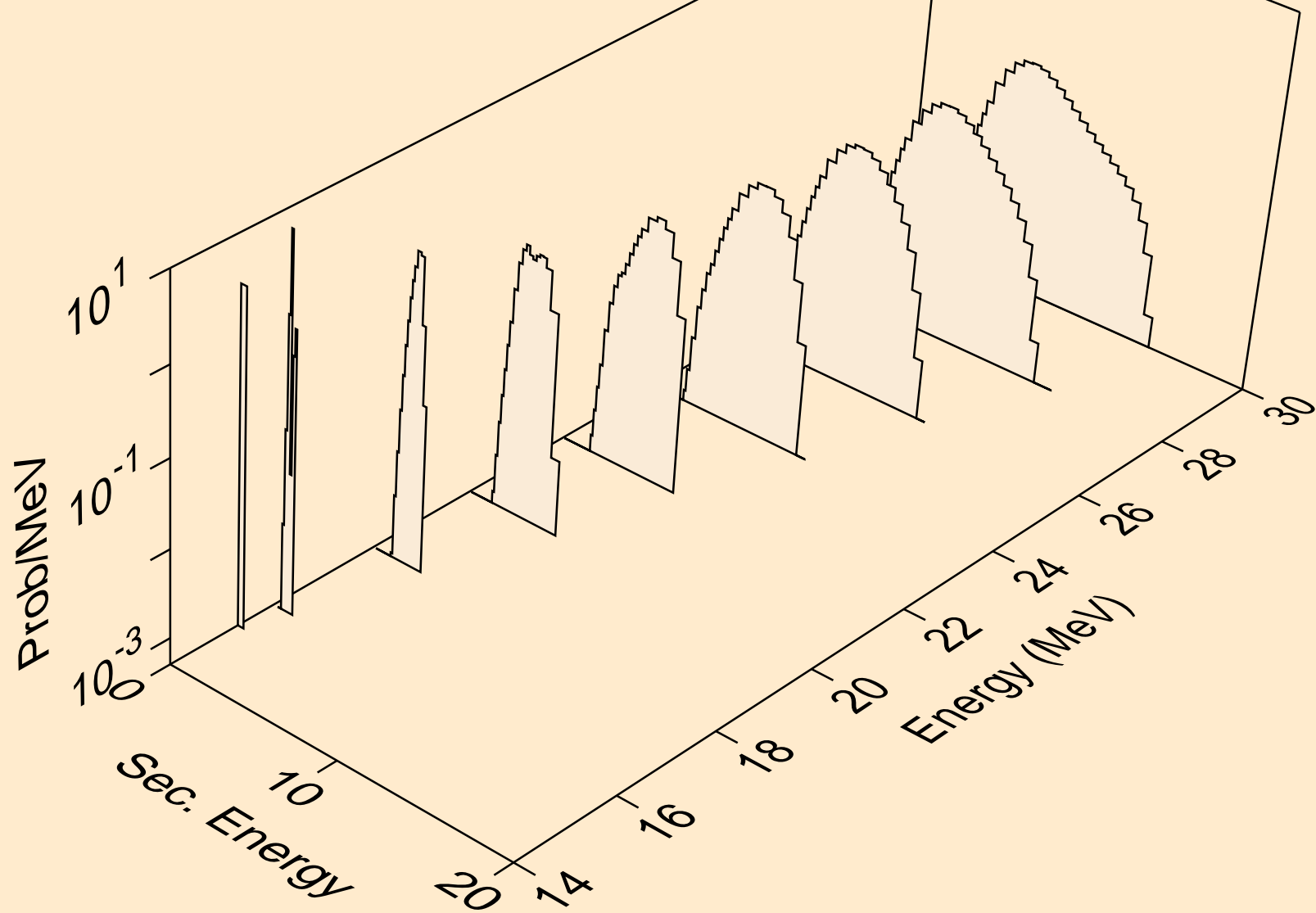
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



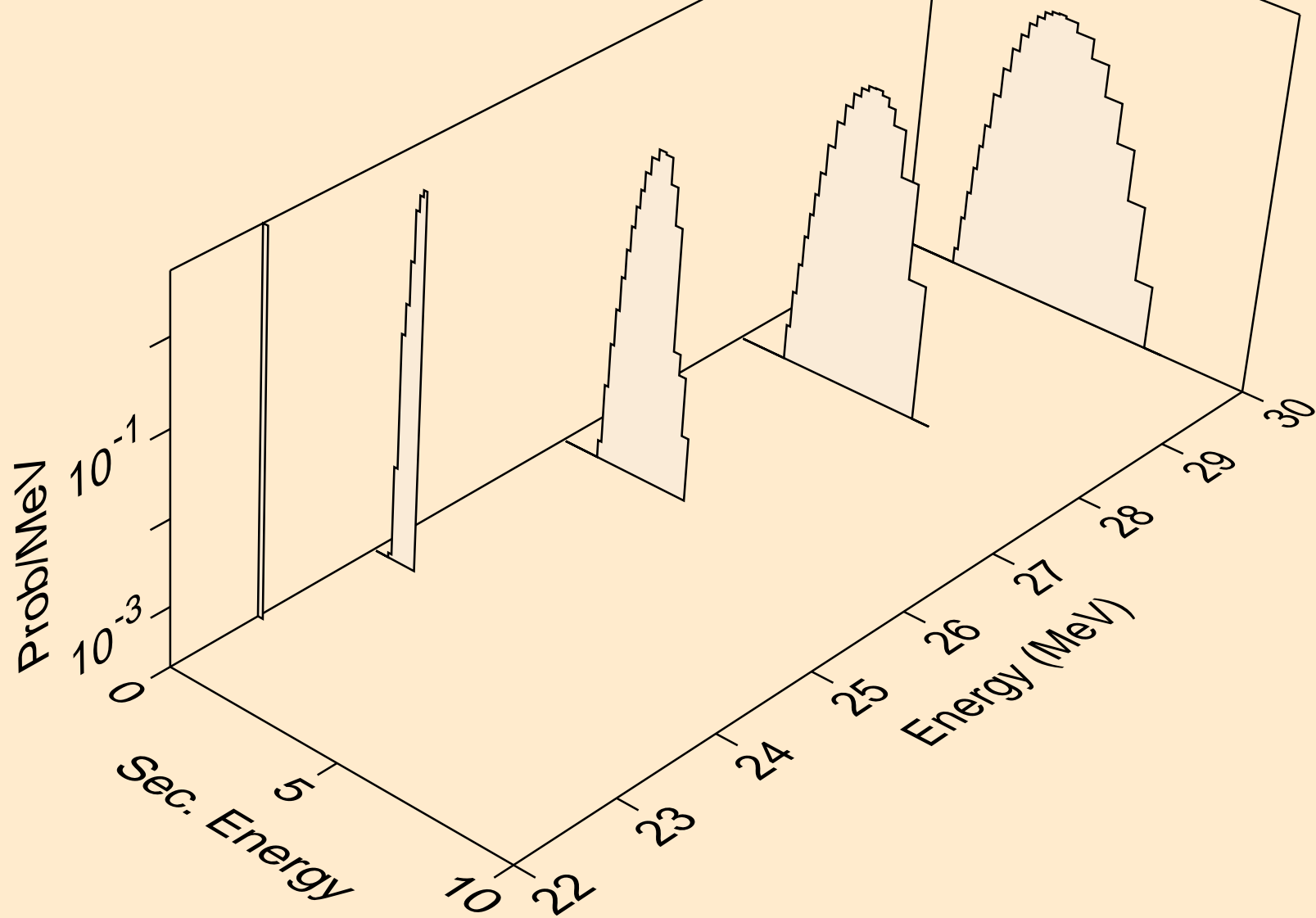
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protons from (n,n\*)p



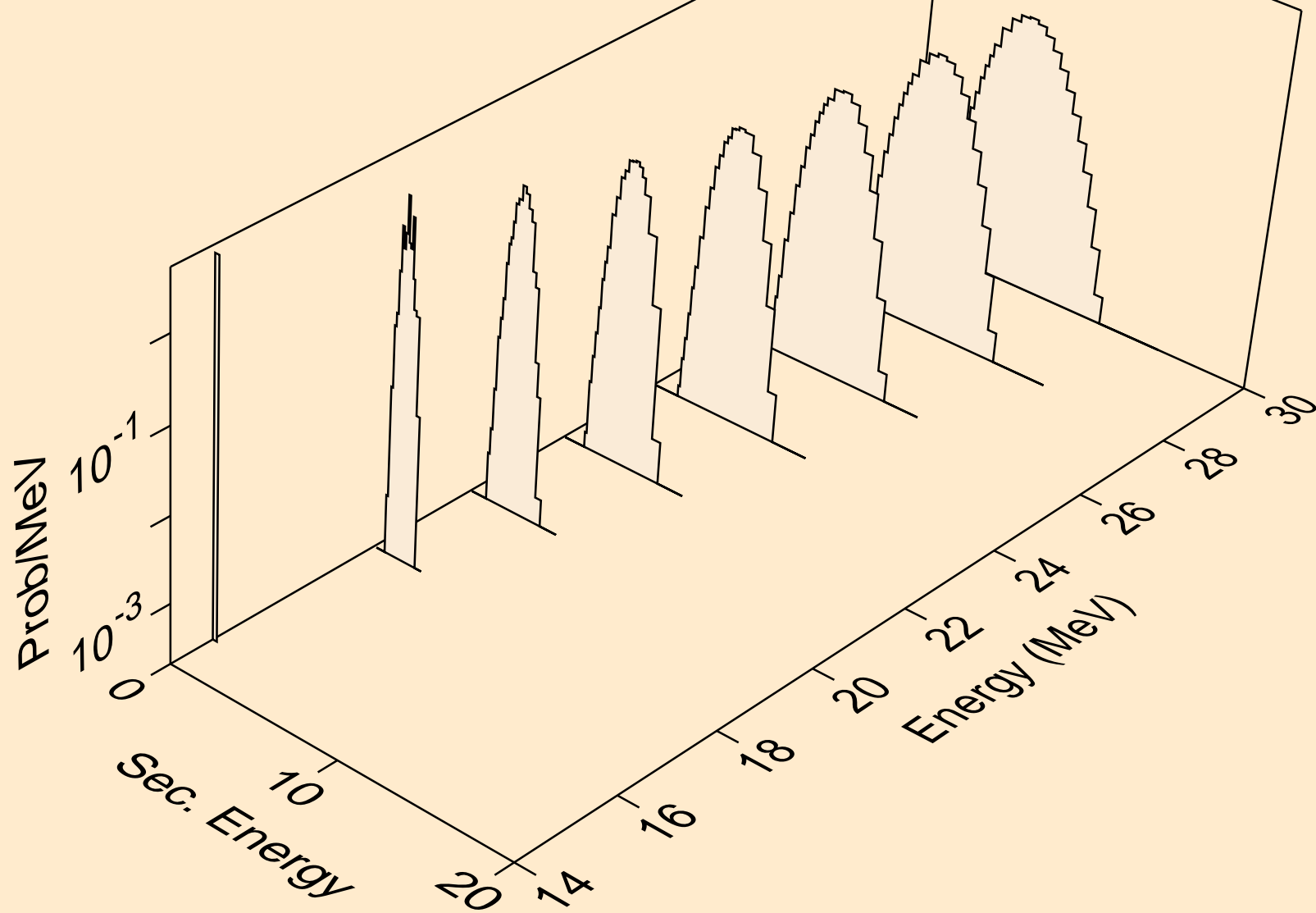
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protons from (n,2np)



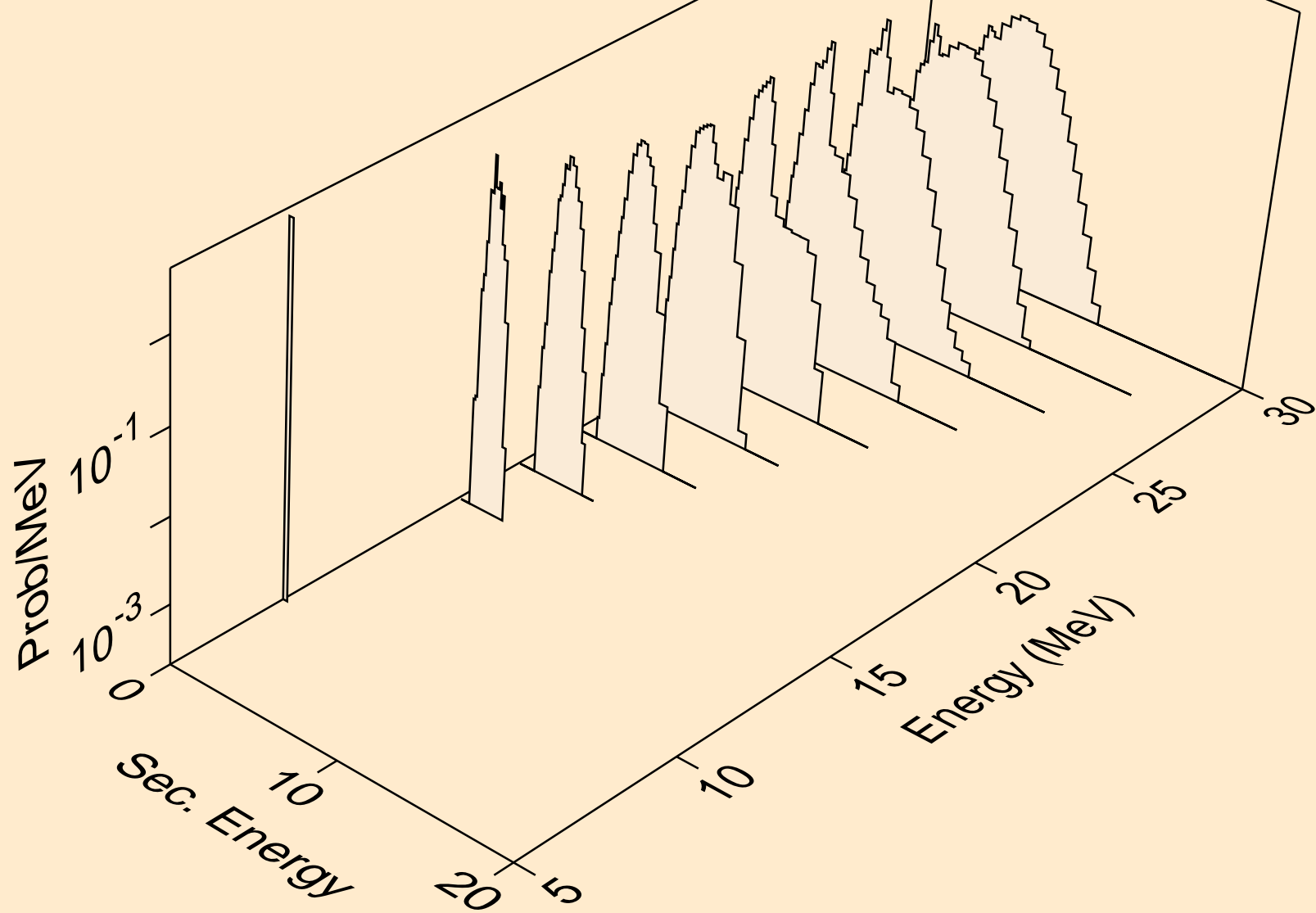
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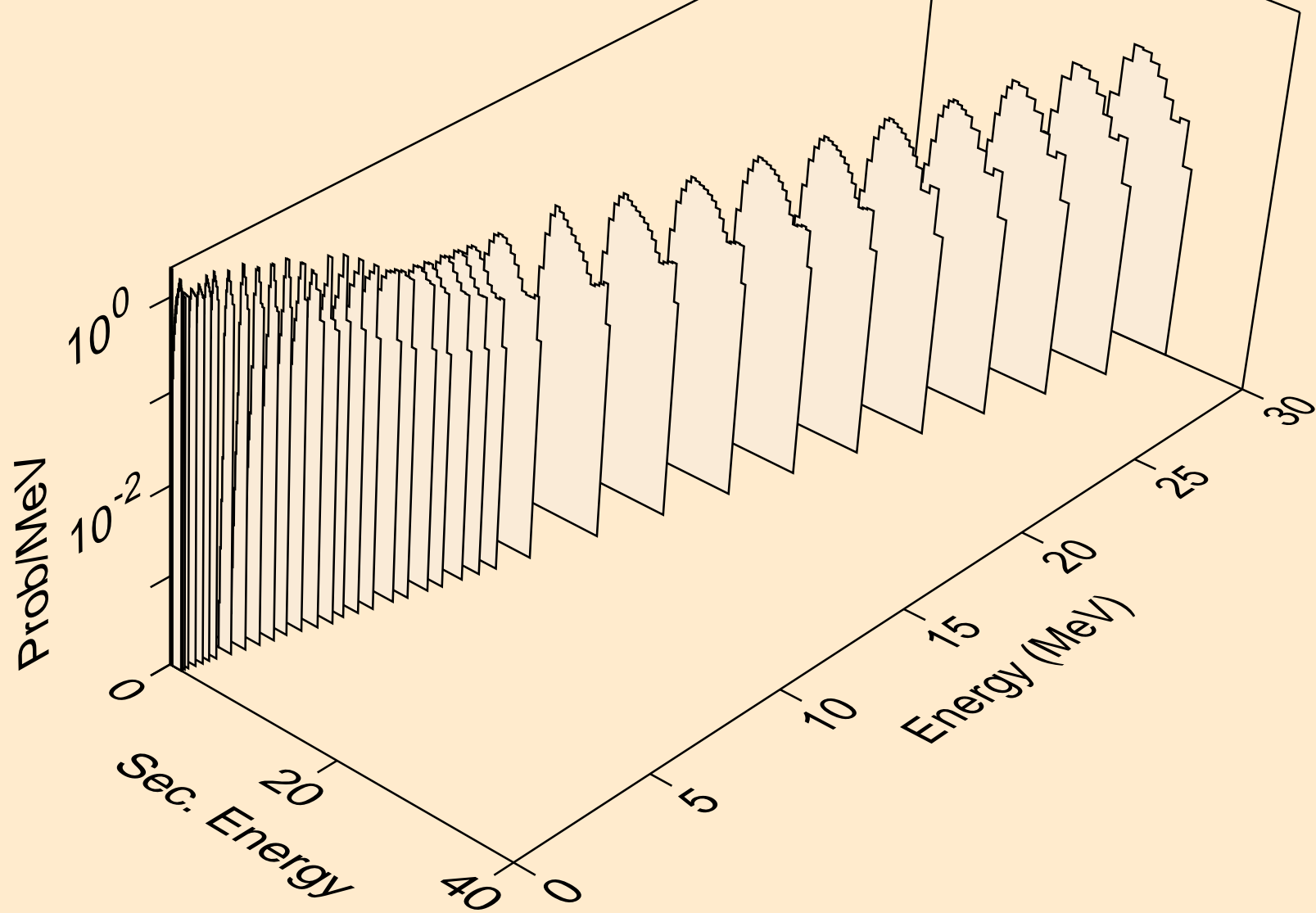
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protons from (n,2np)



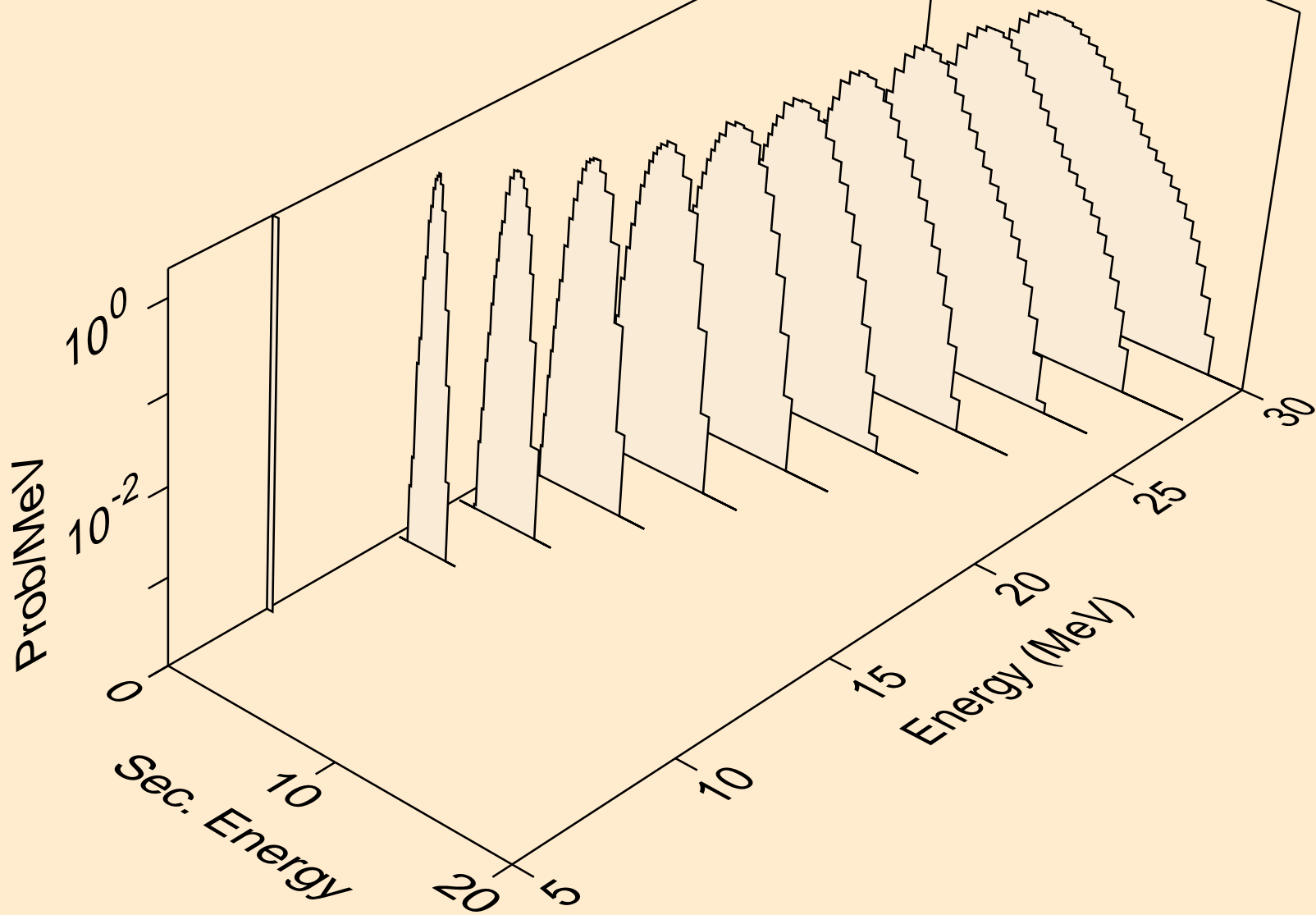
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

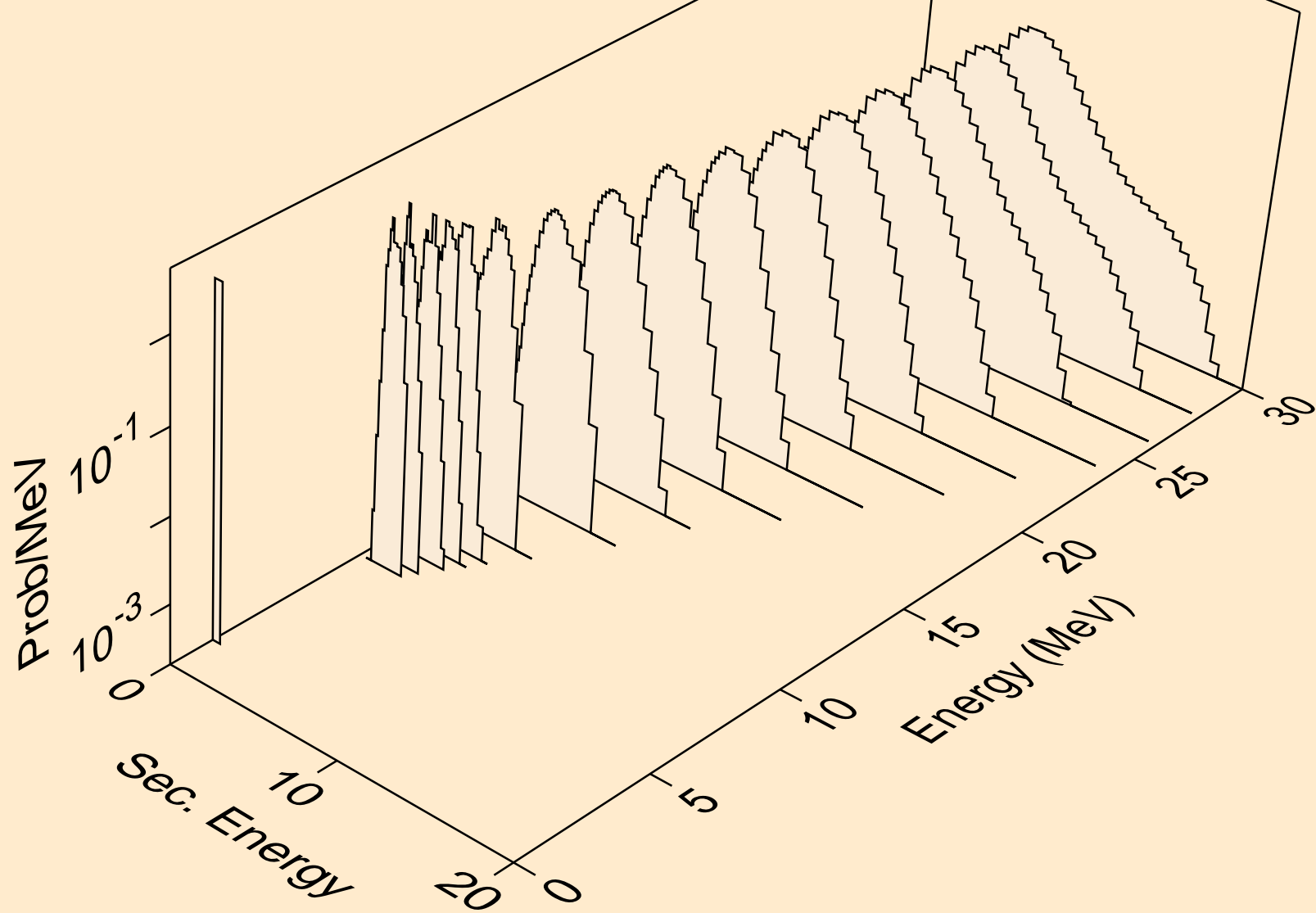


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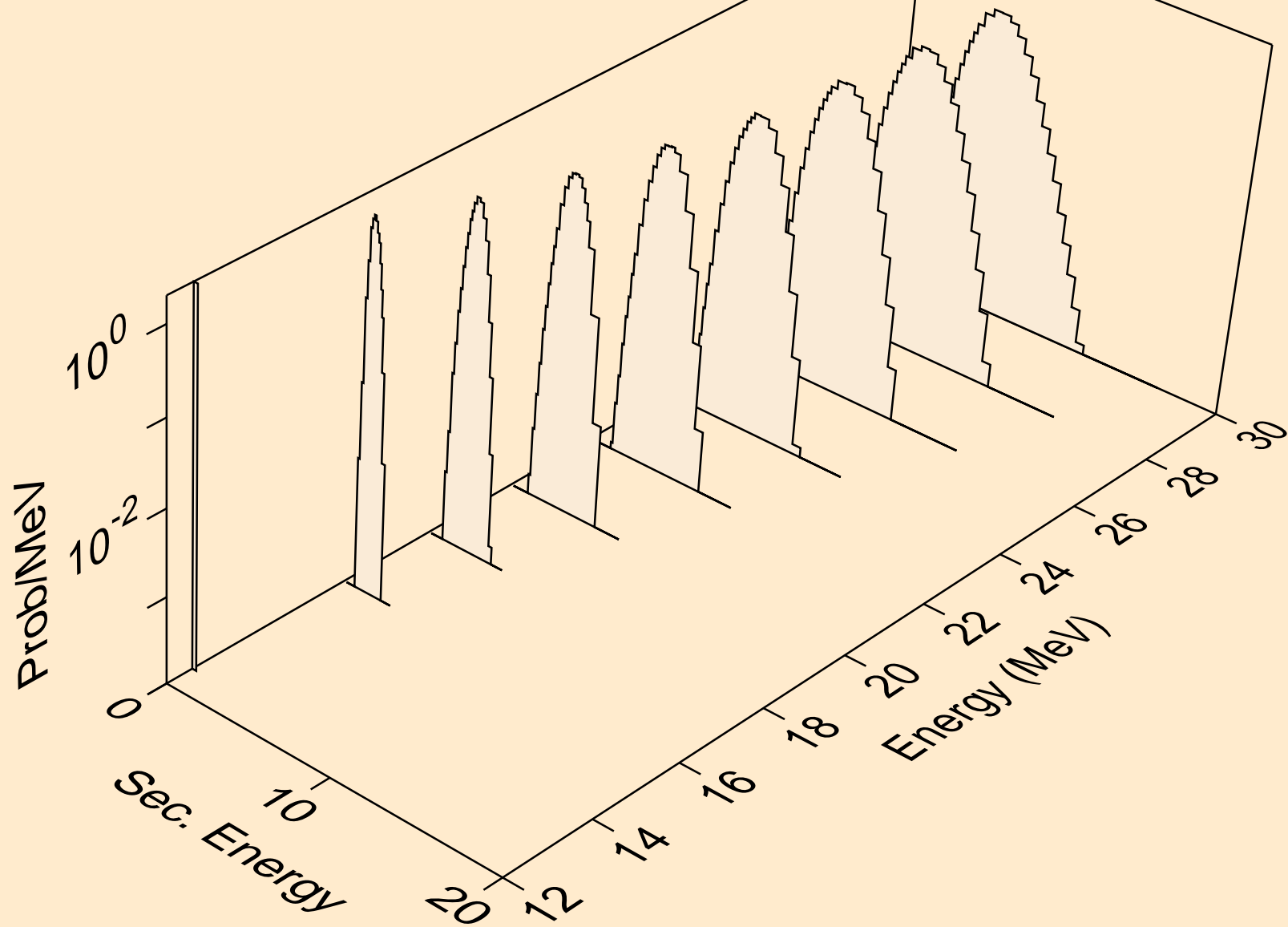




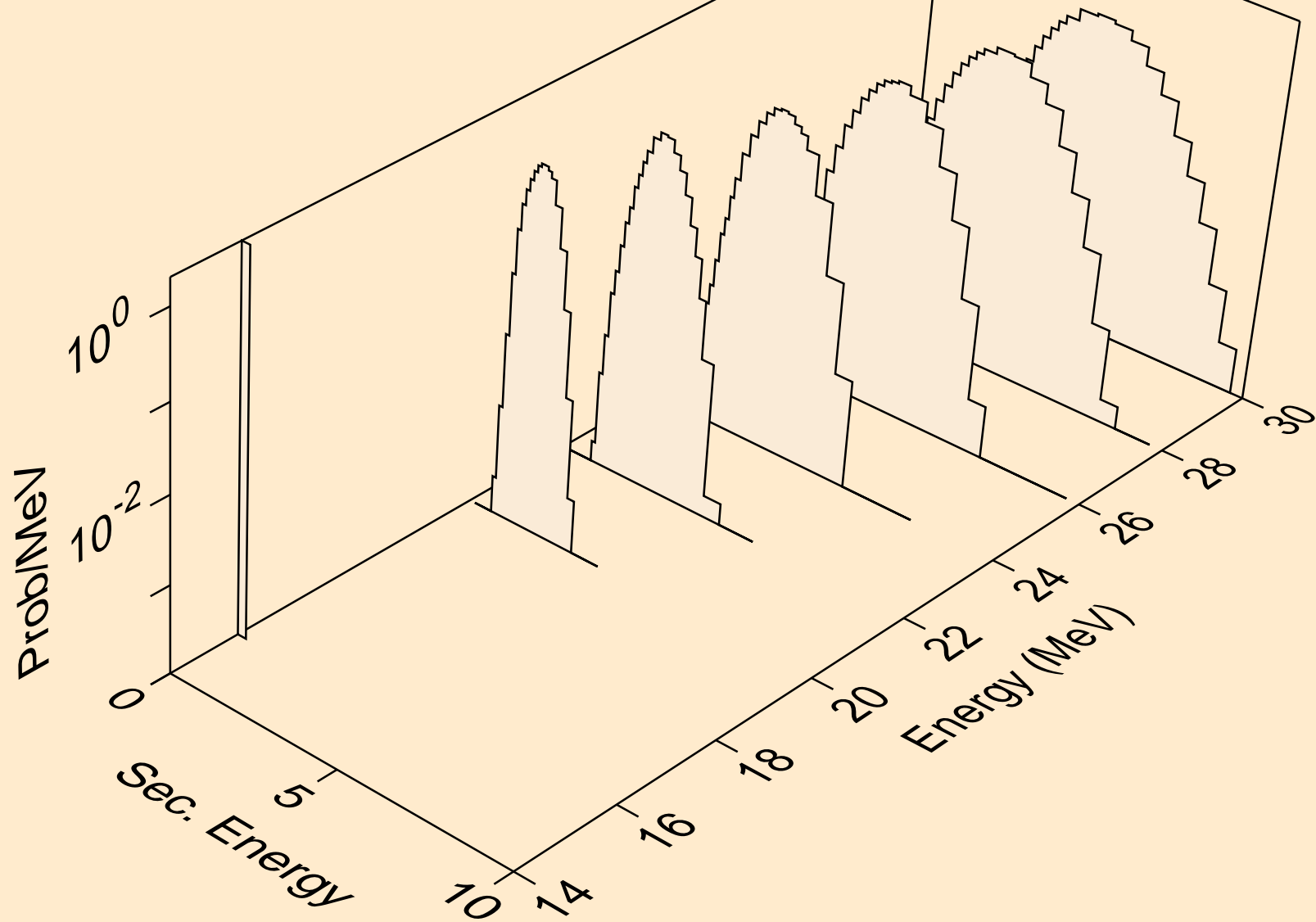
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protons from (n,p)



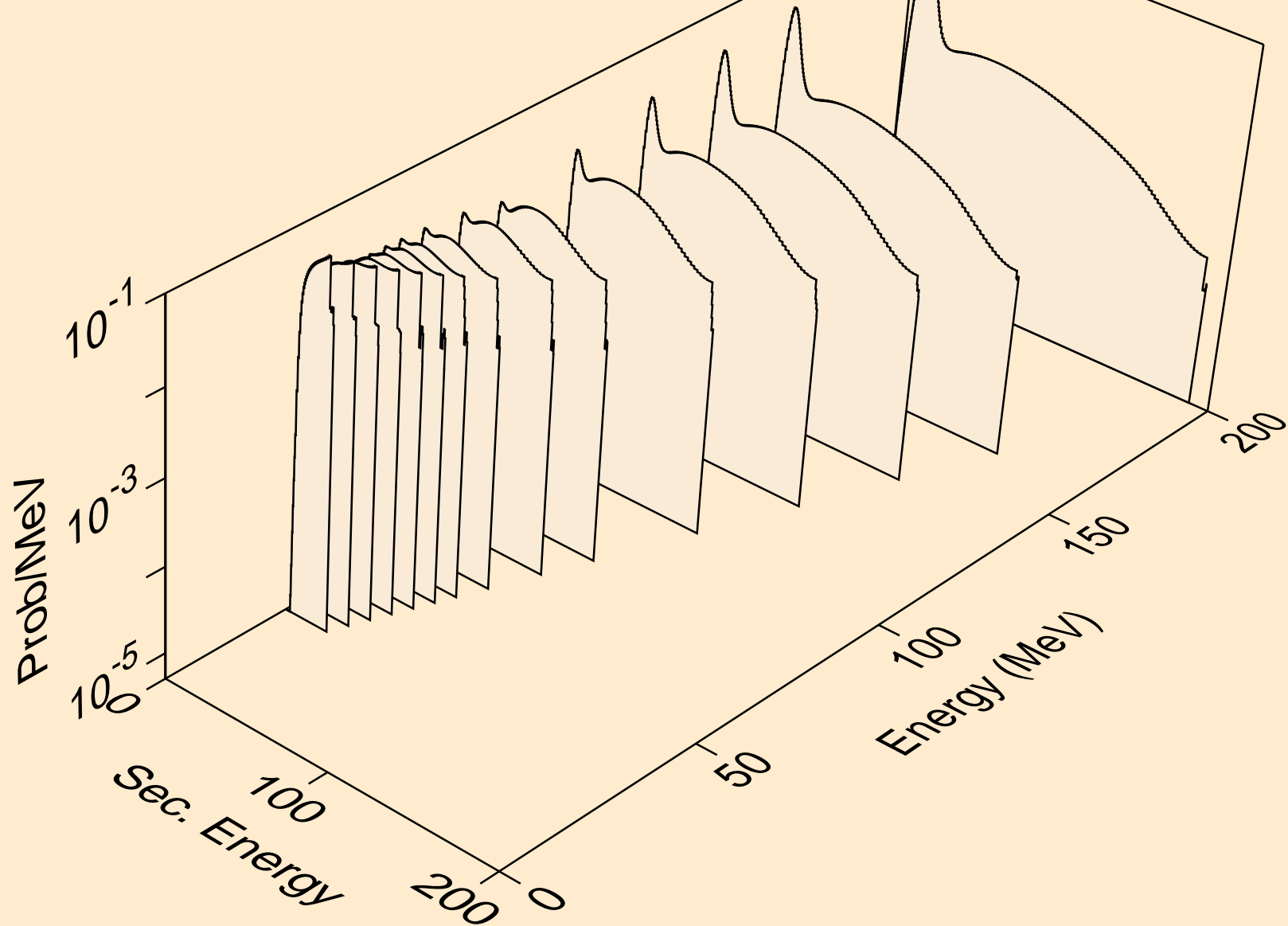
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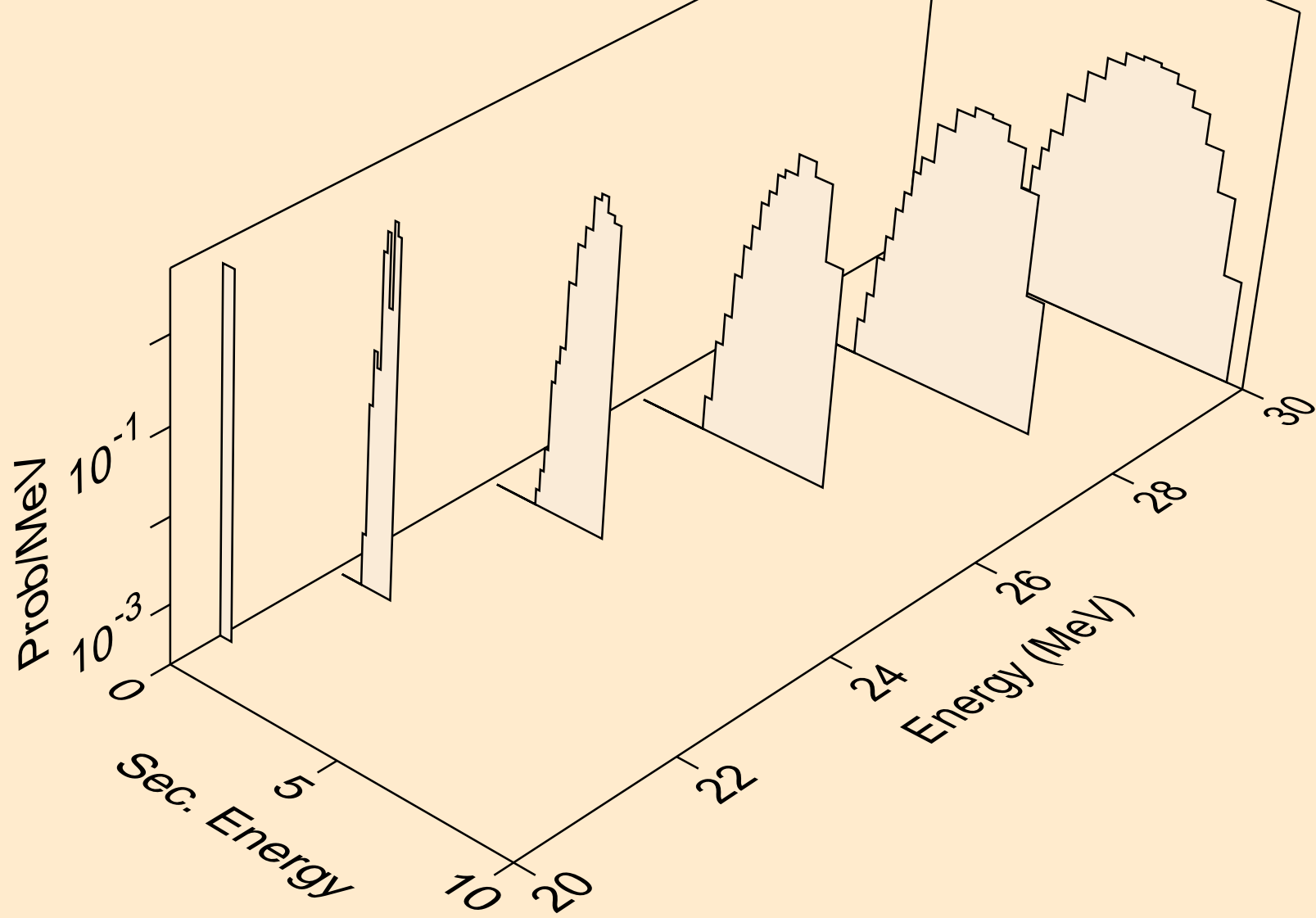
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protons from (n,pt)



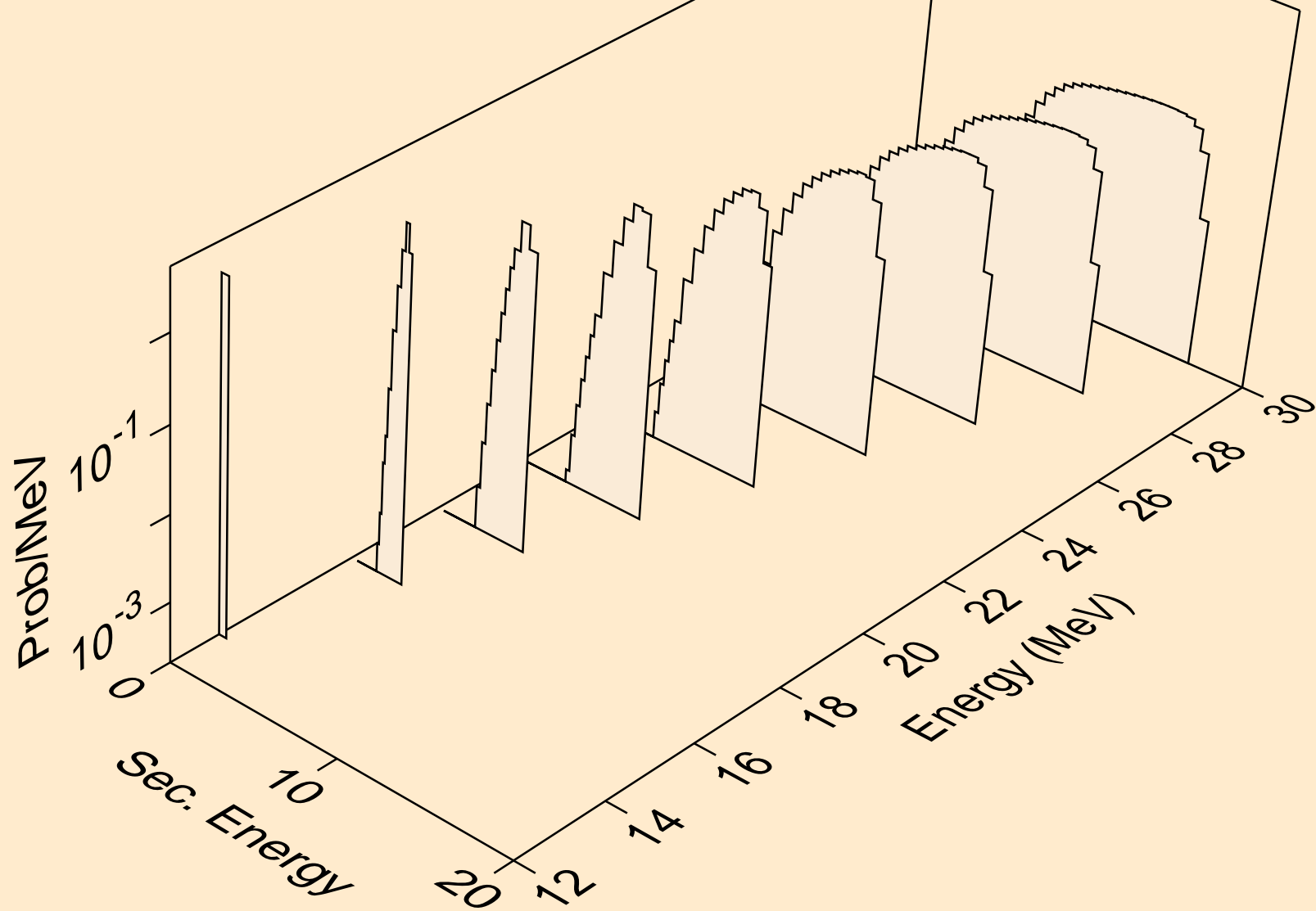
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deuterons from (n,x)



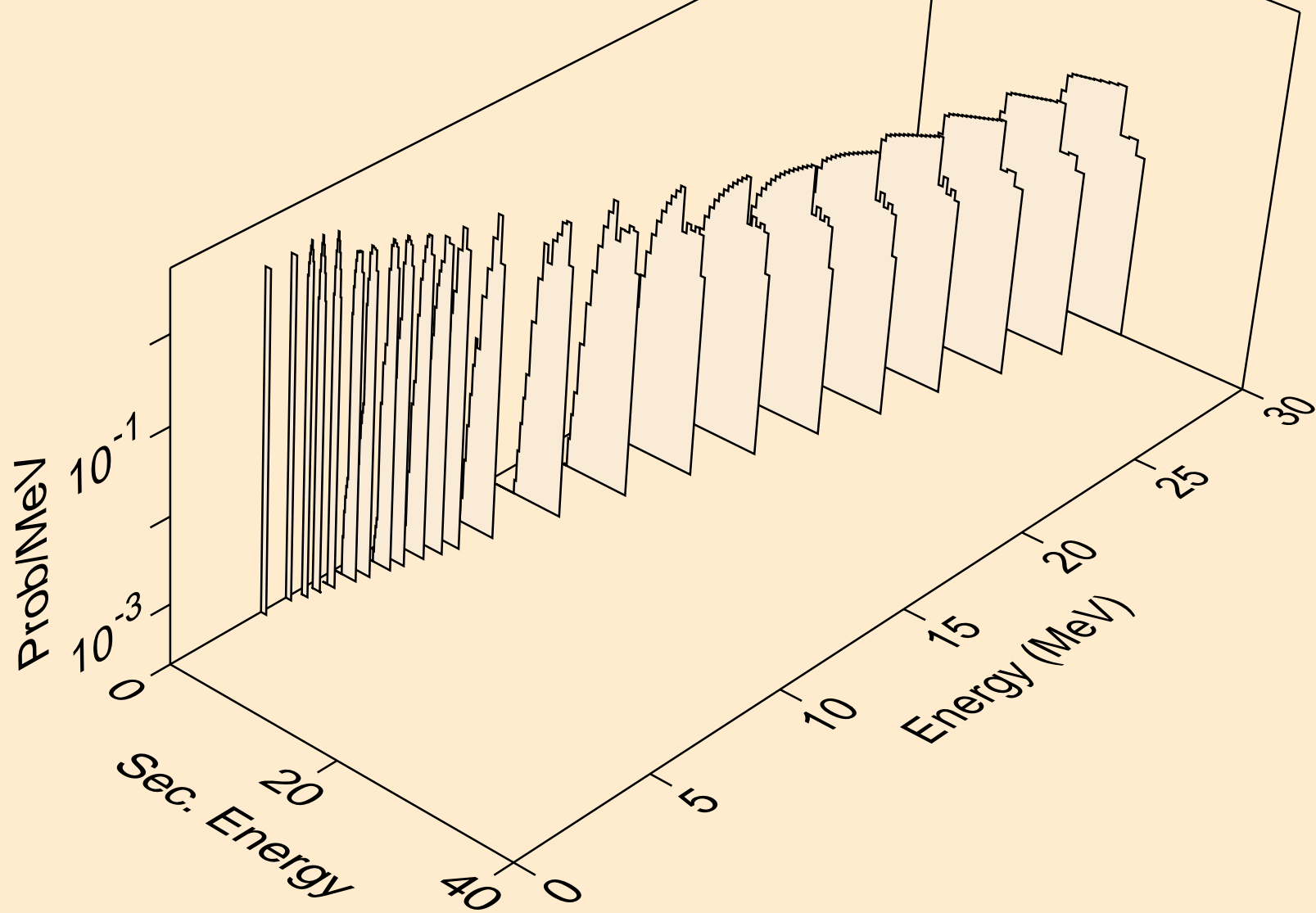
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deuterons from (n,2nd)



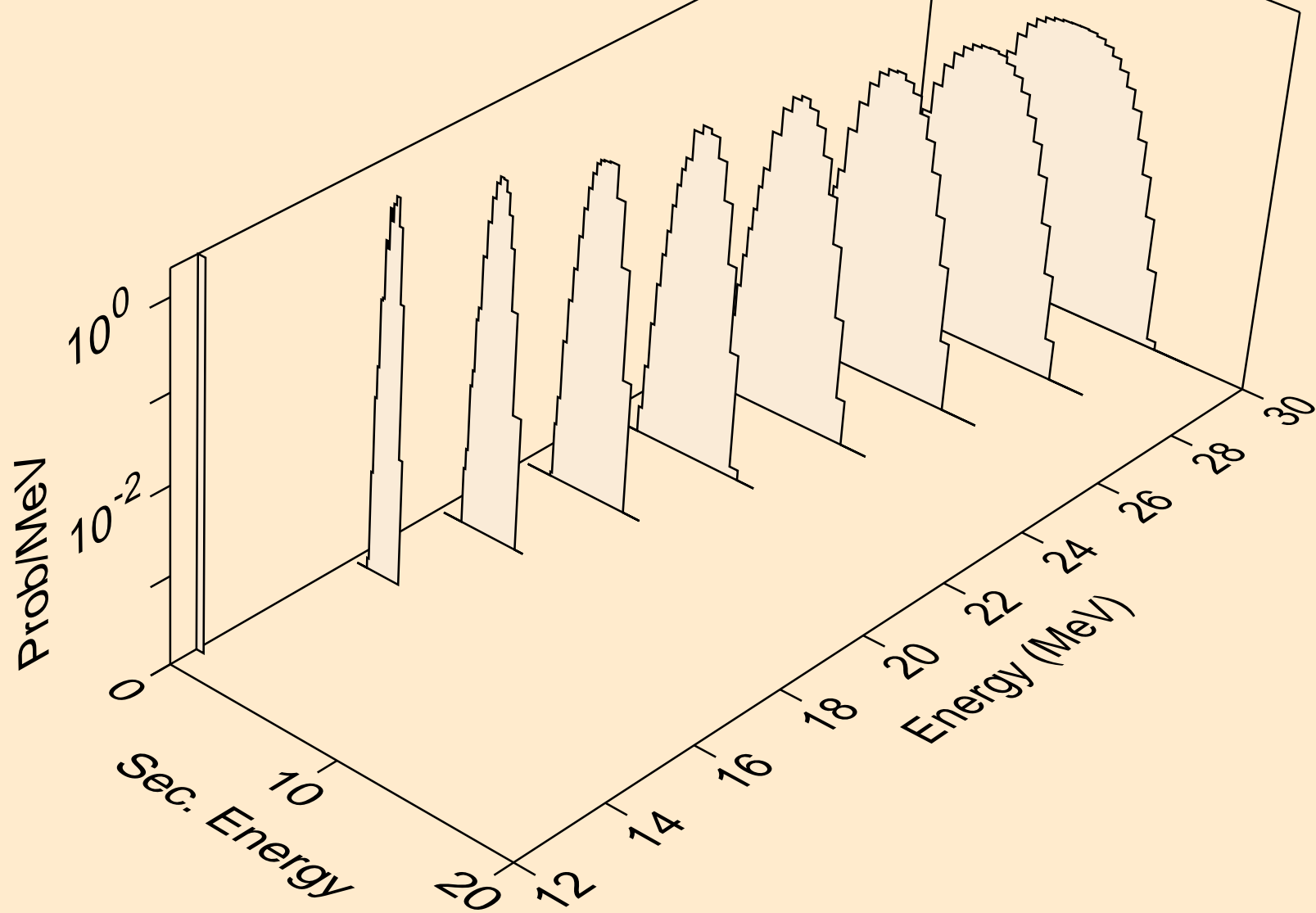
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deuterons from (n,n\*)d



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

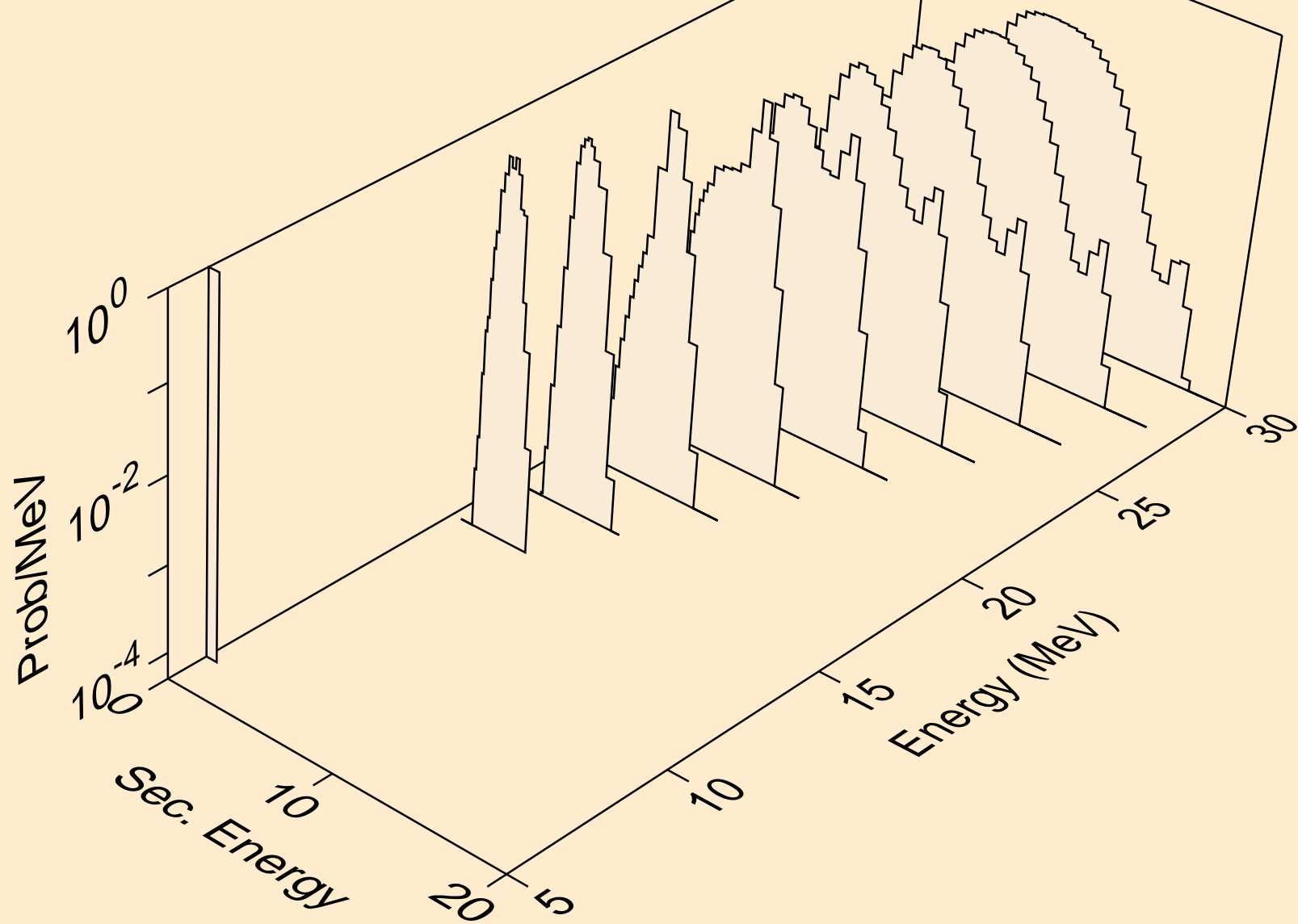


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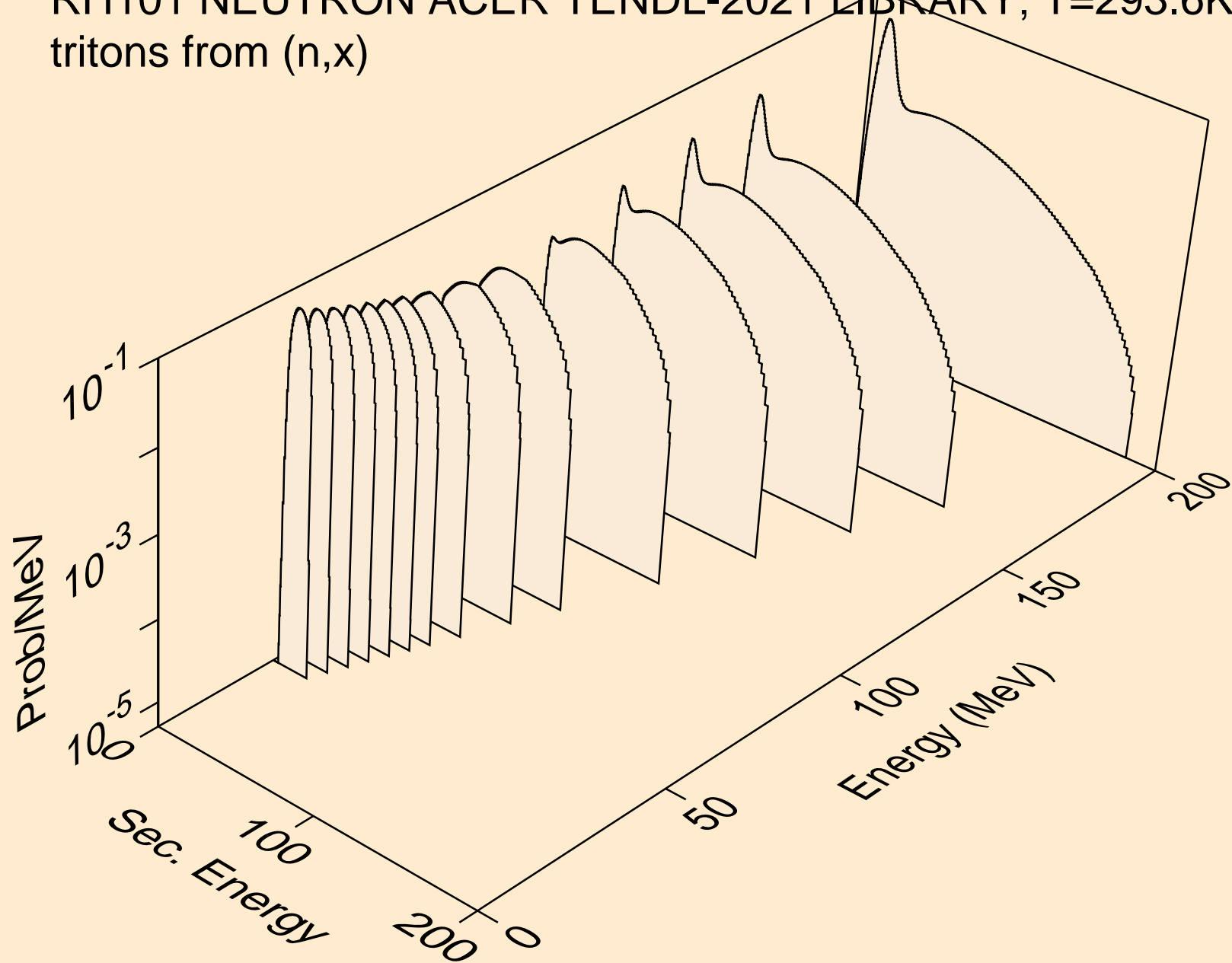




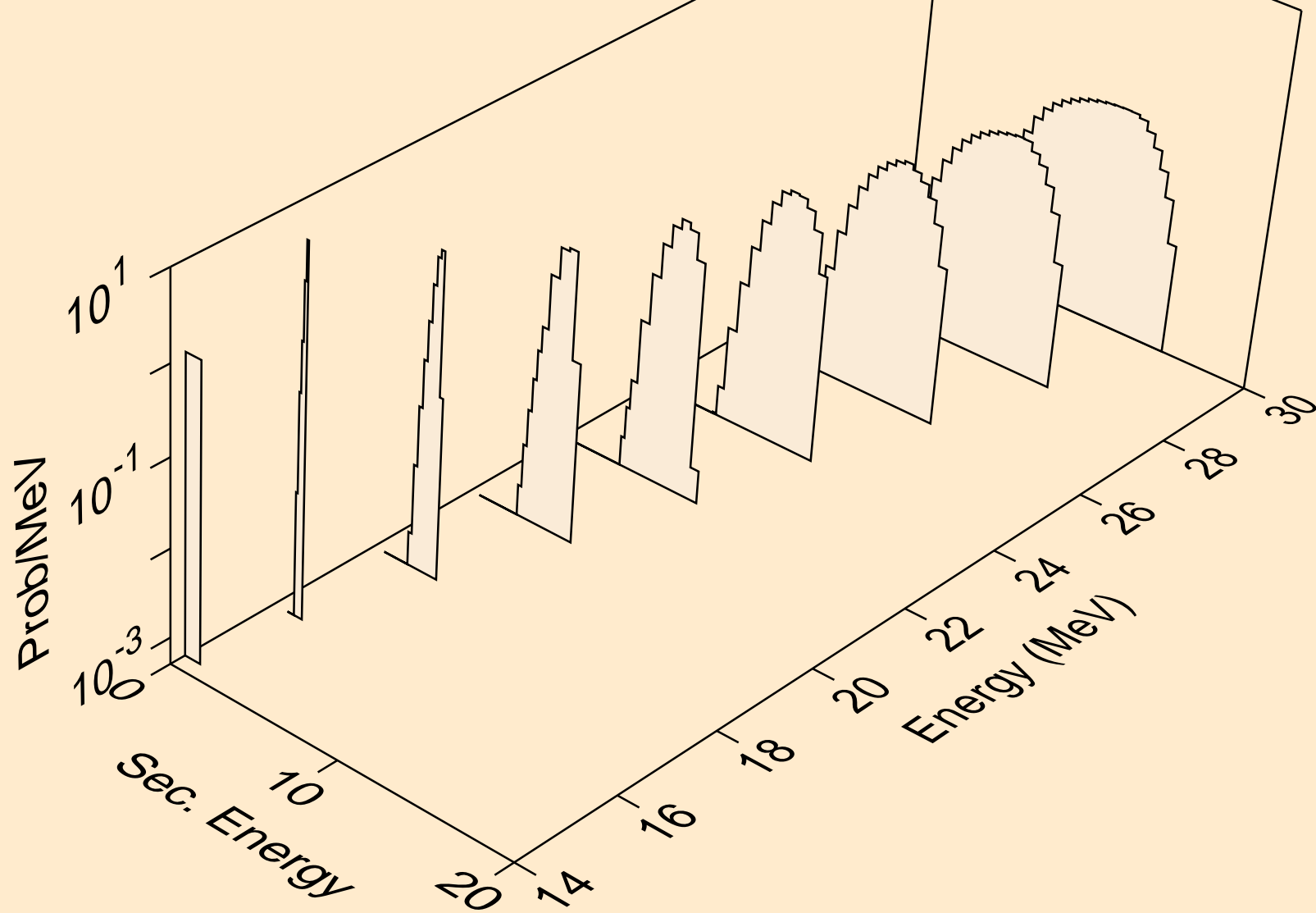
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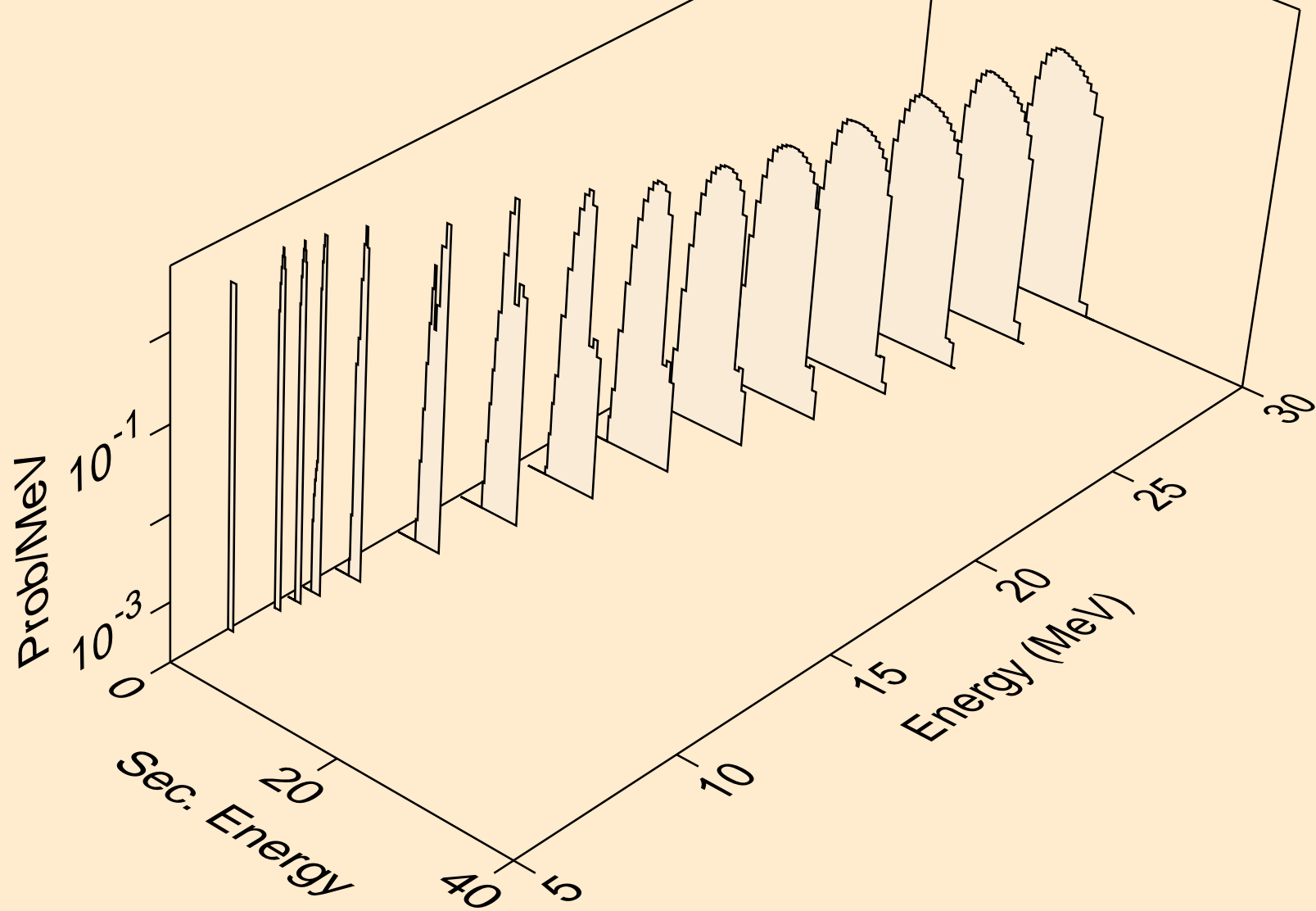
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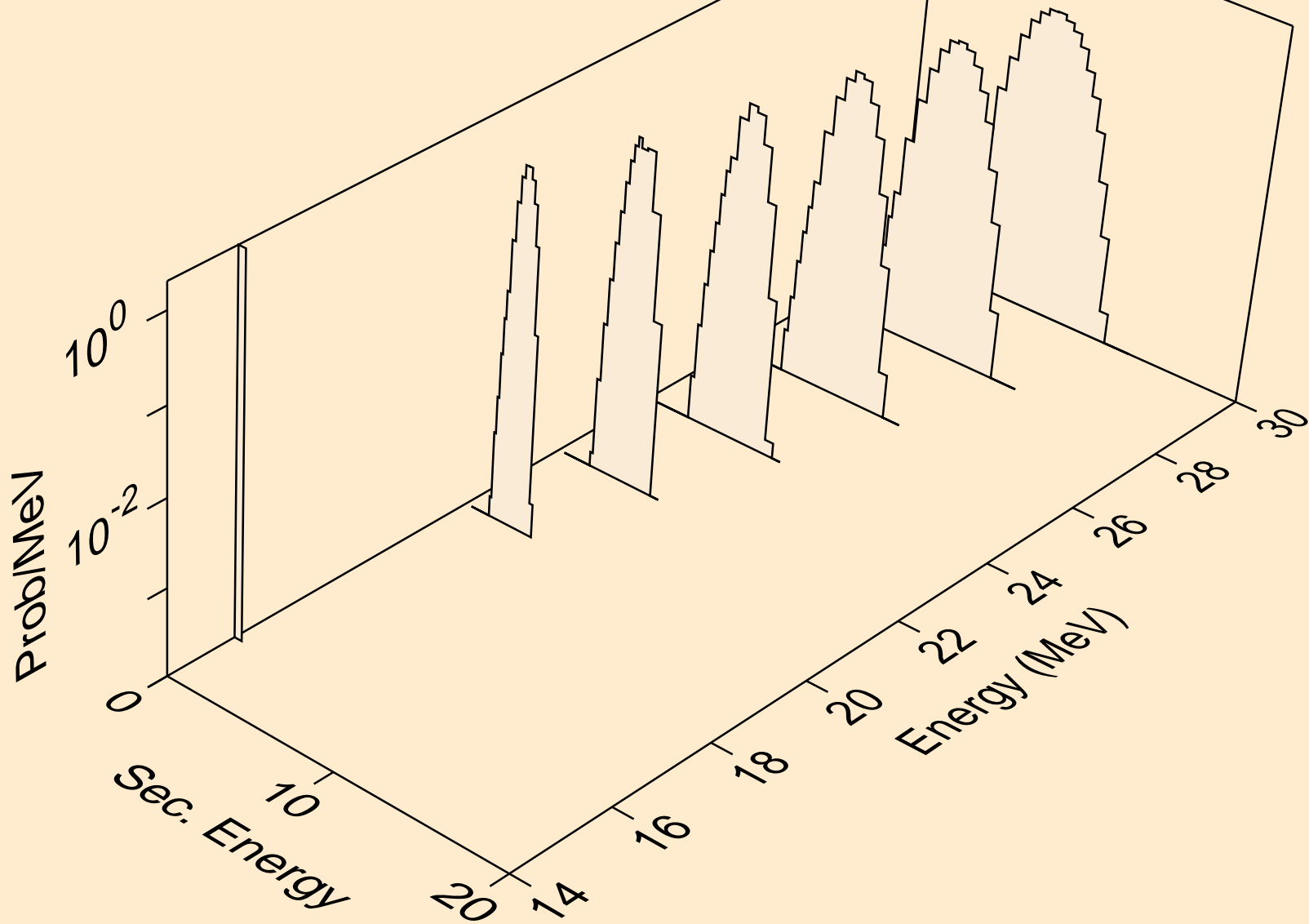
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tritons from (n,n\*)t



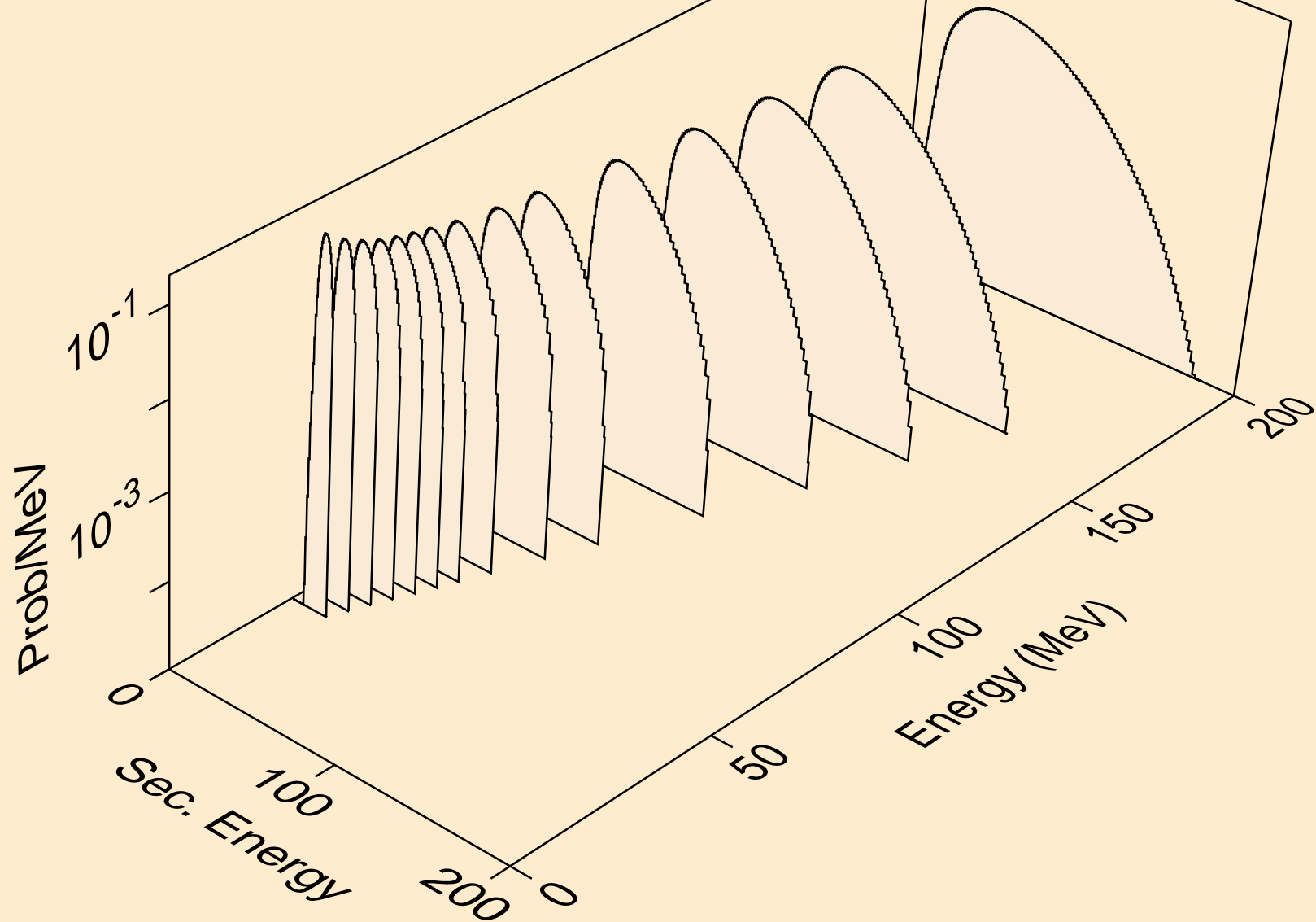
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tritons from (n,t)



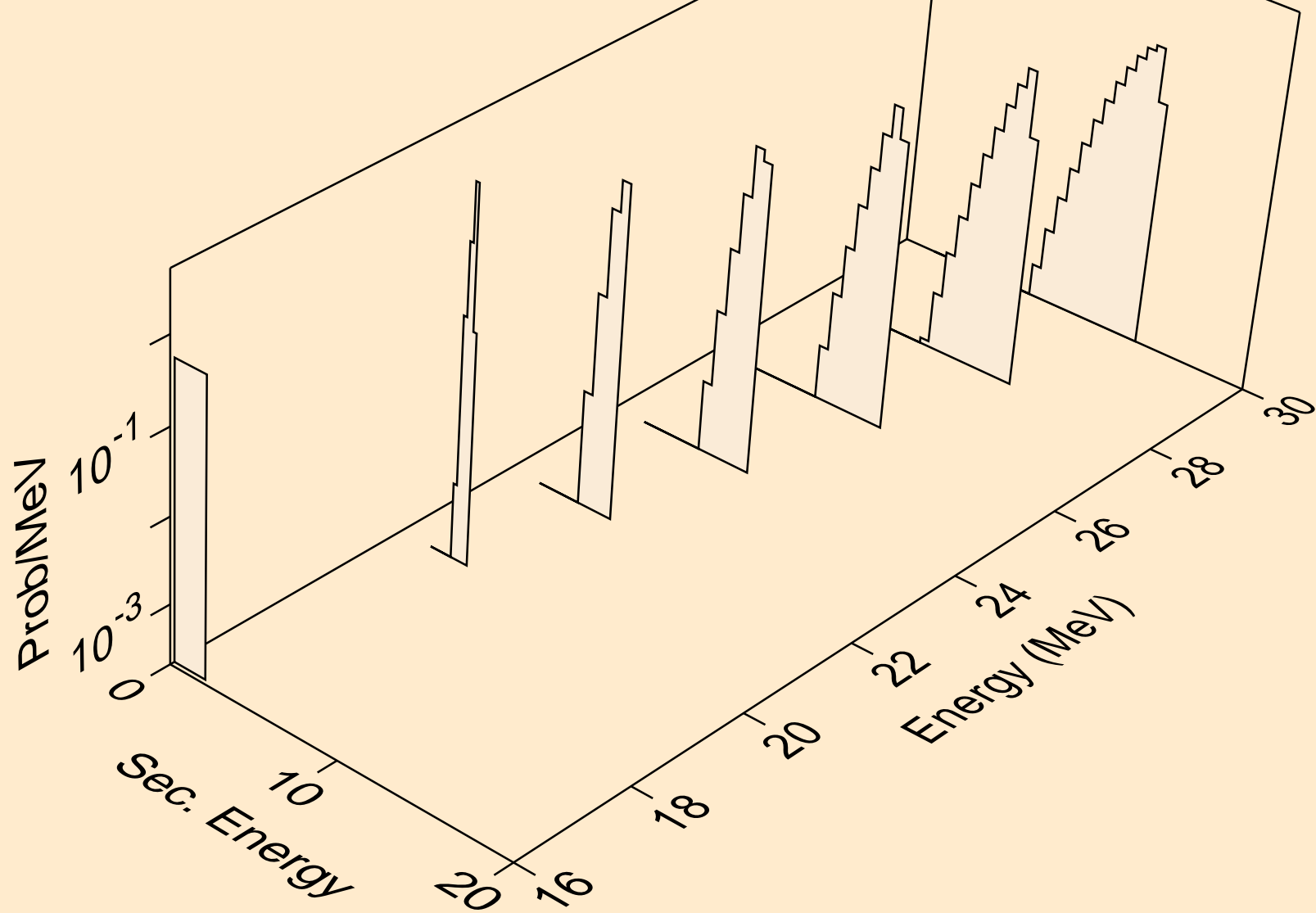
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



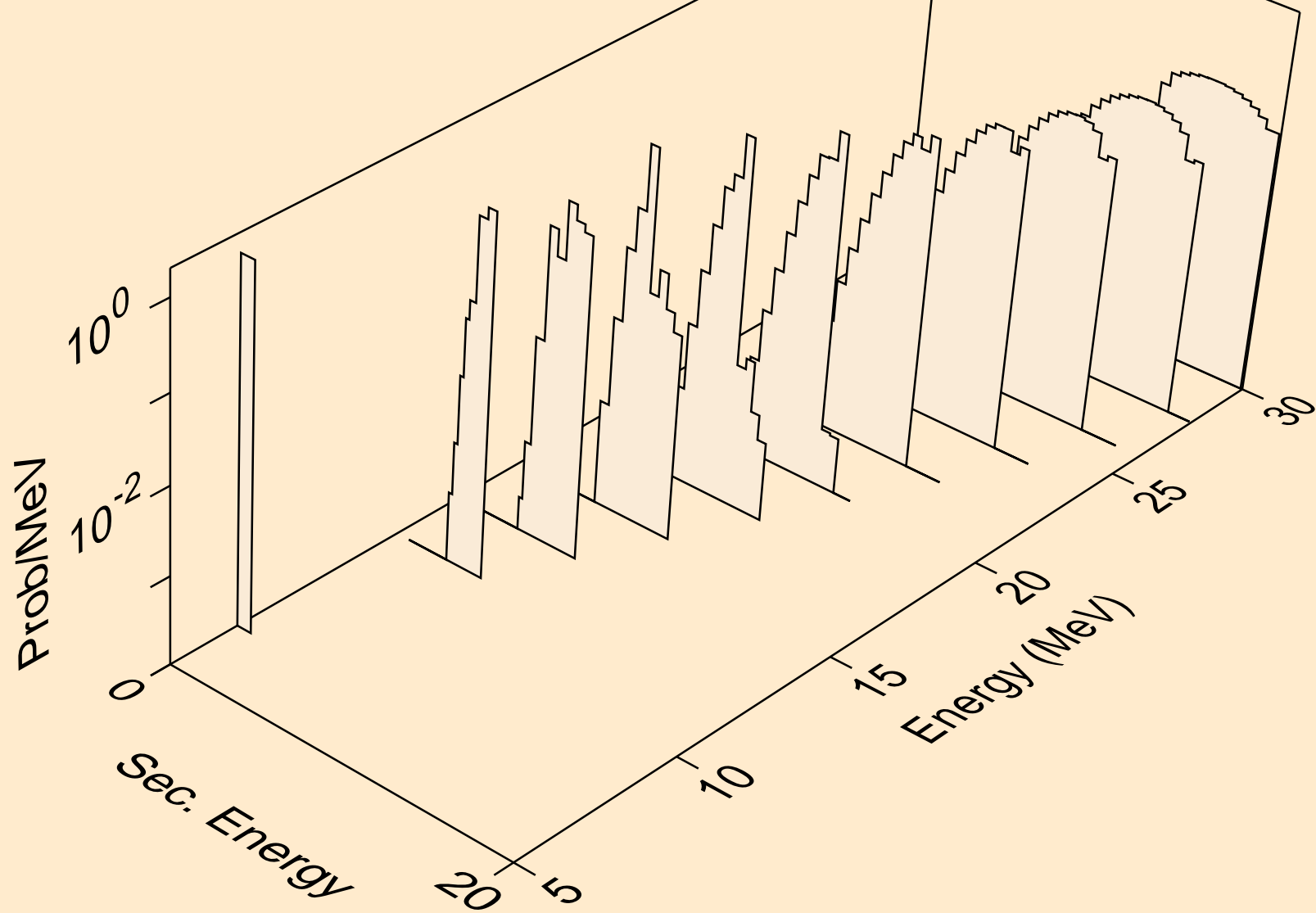
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

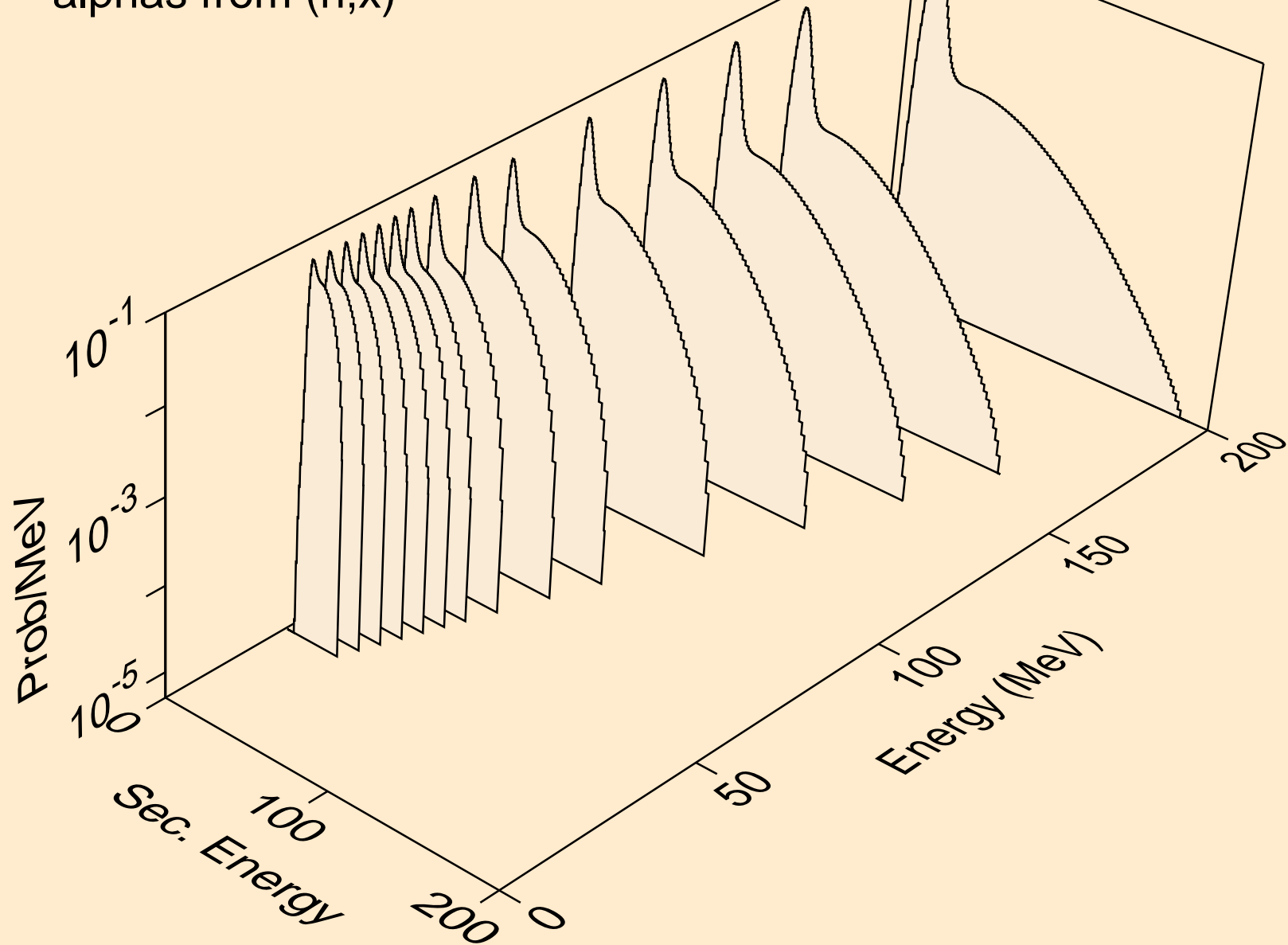


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

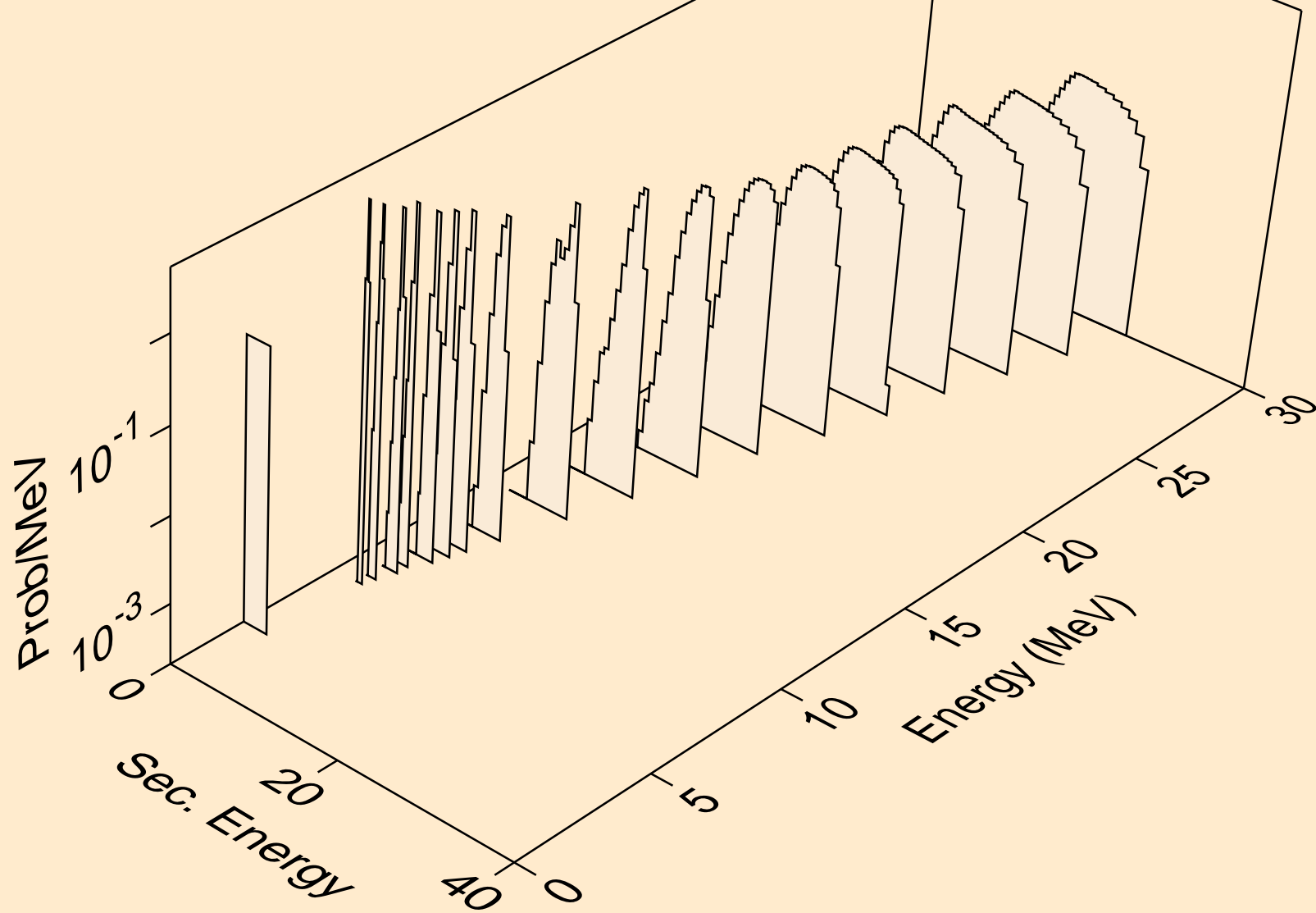




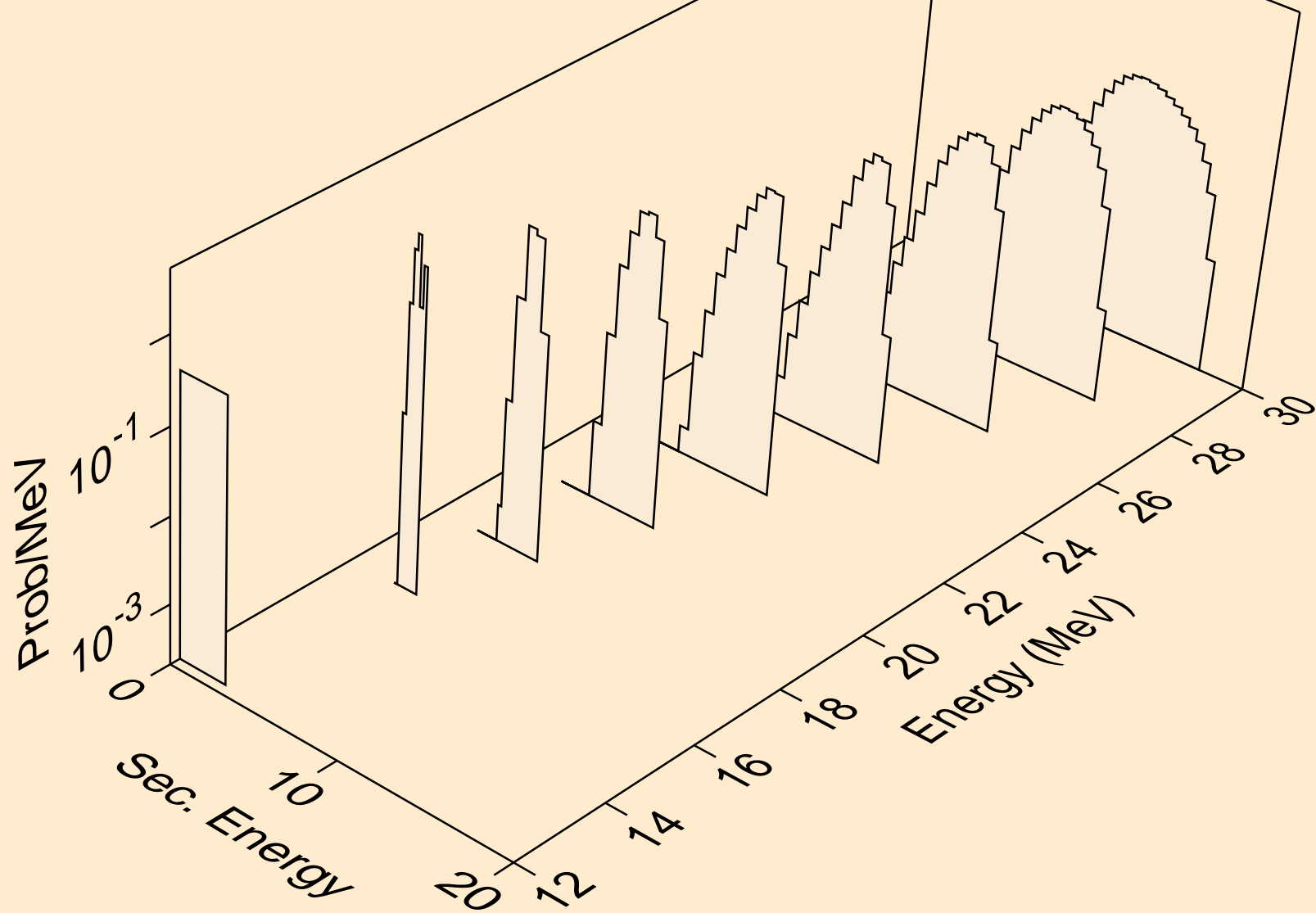
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



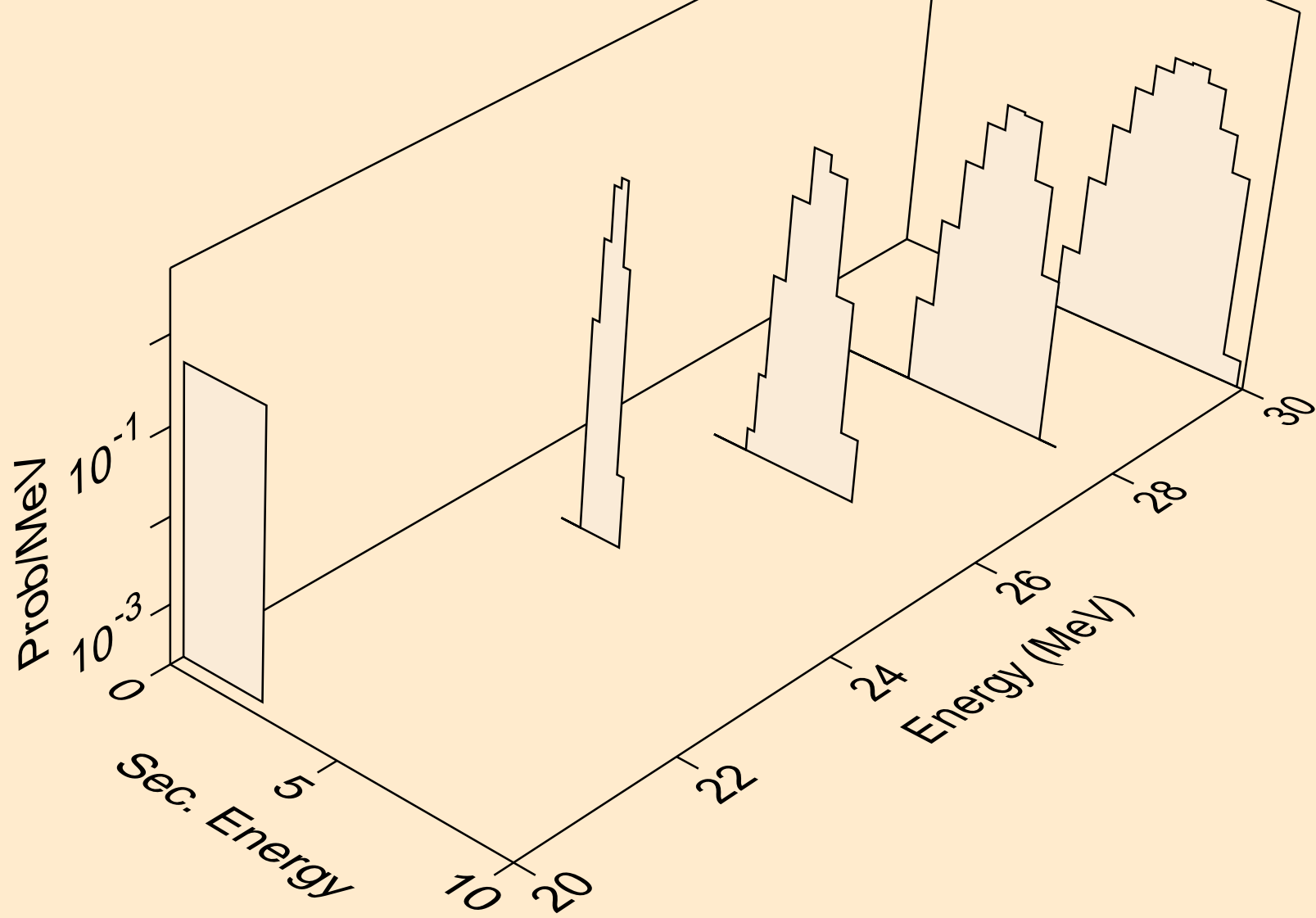
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



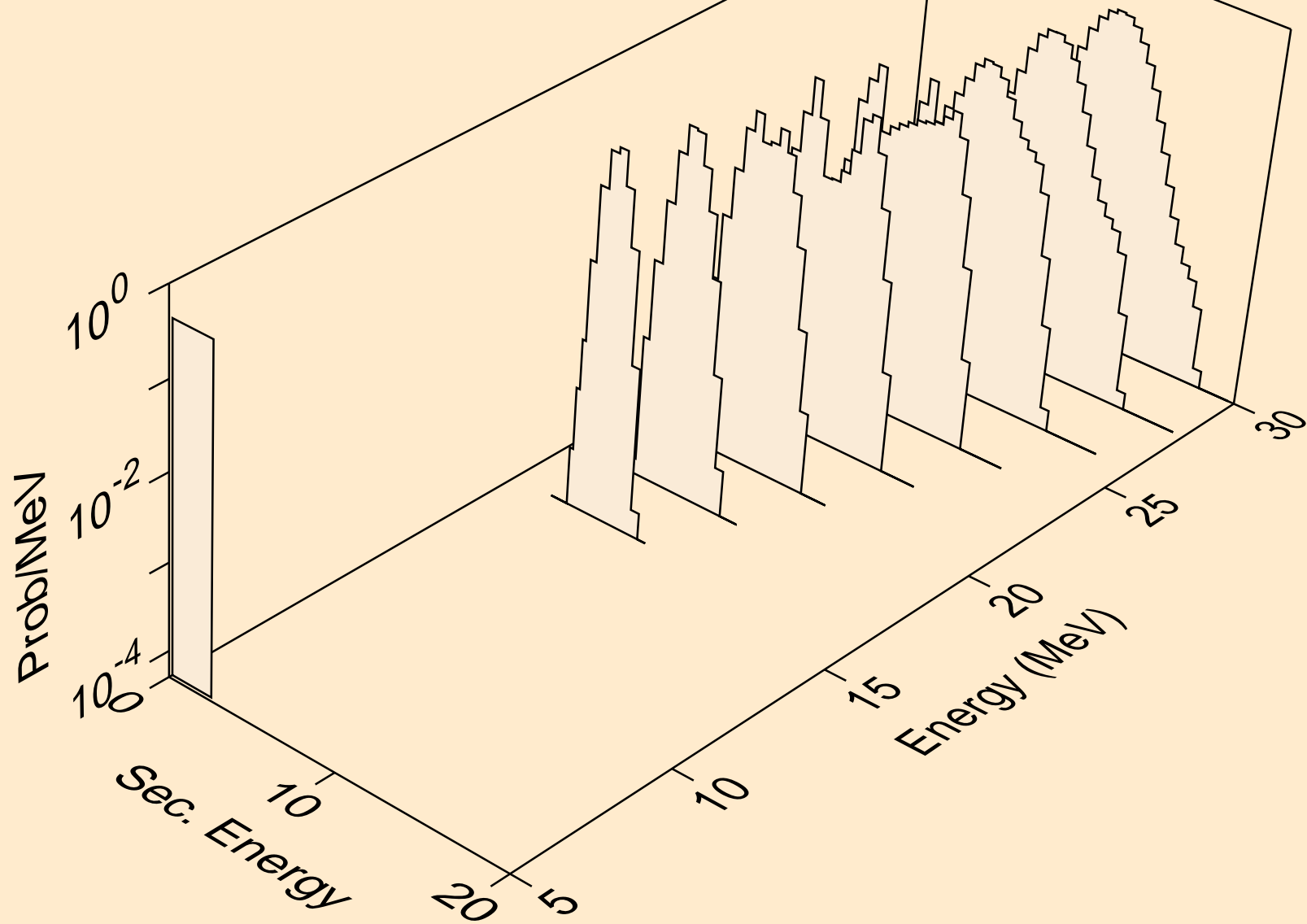
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



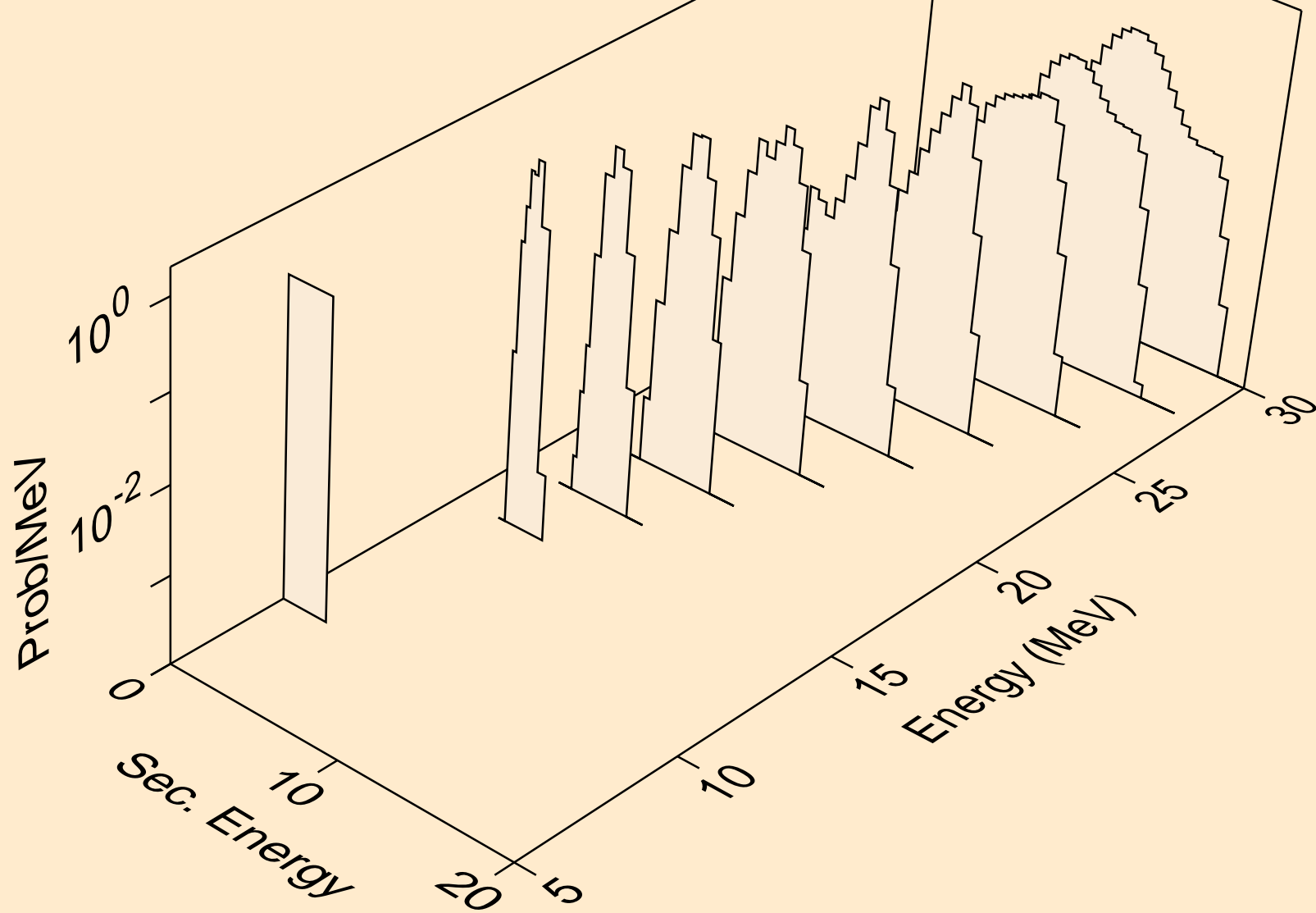
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



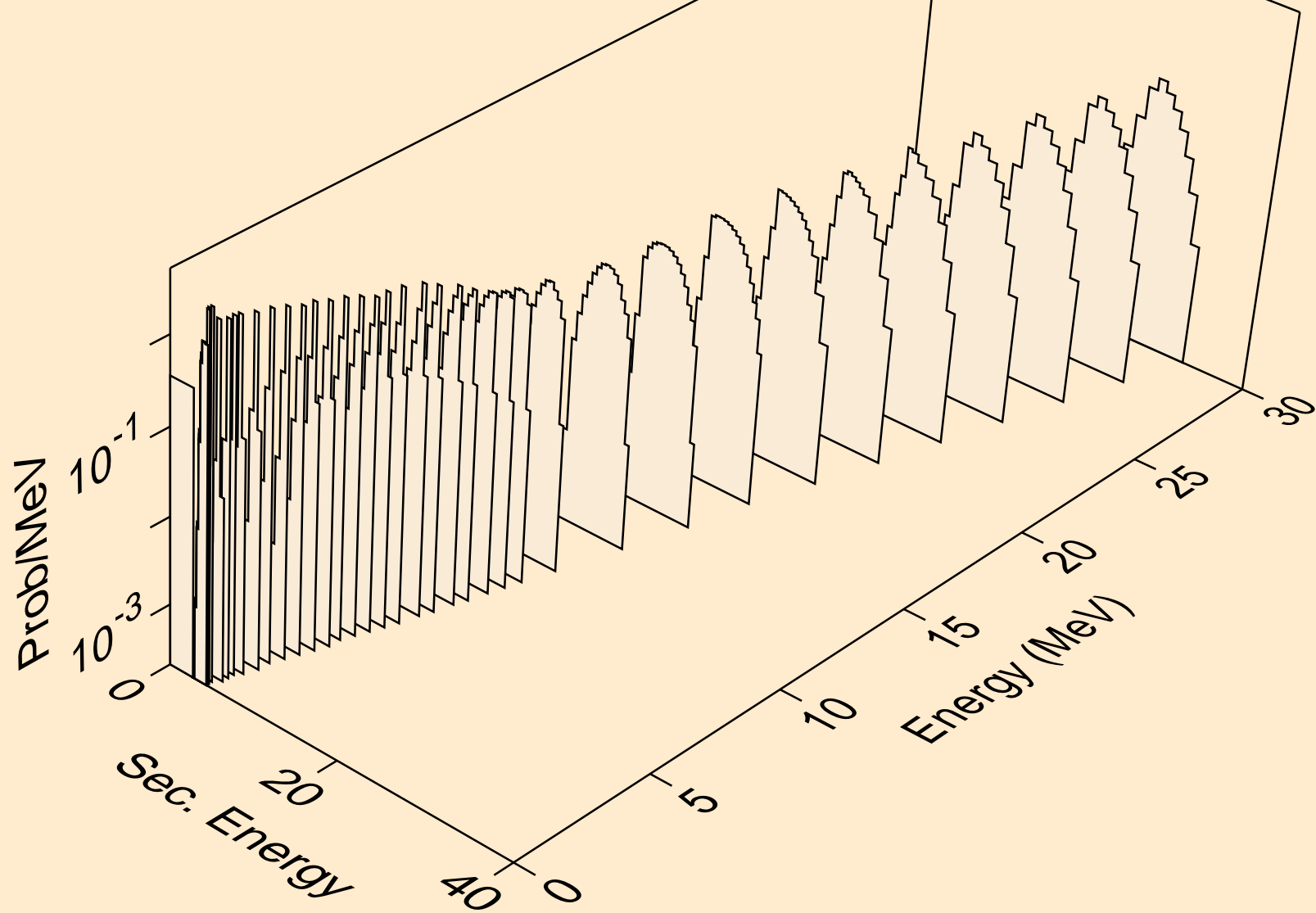
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



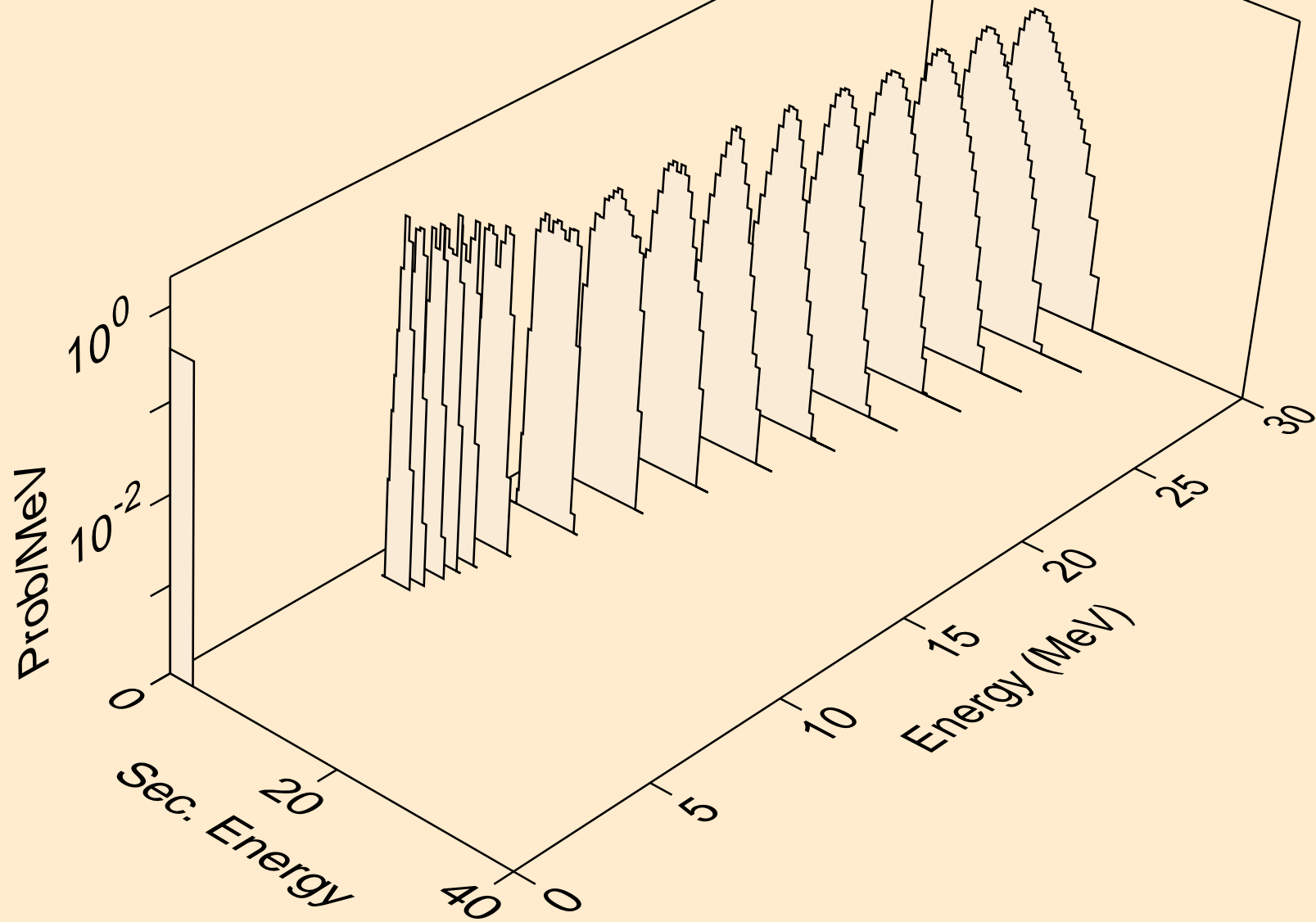
RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

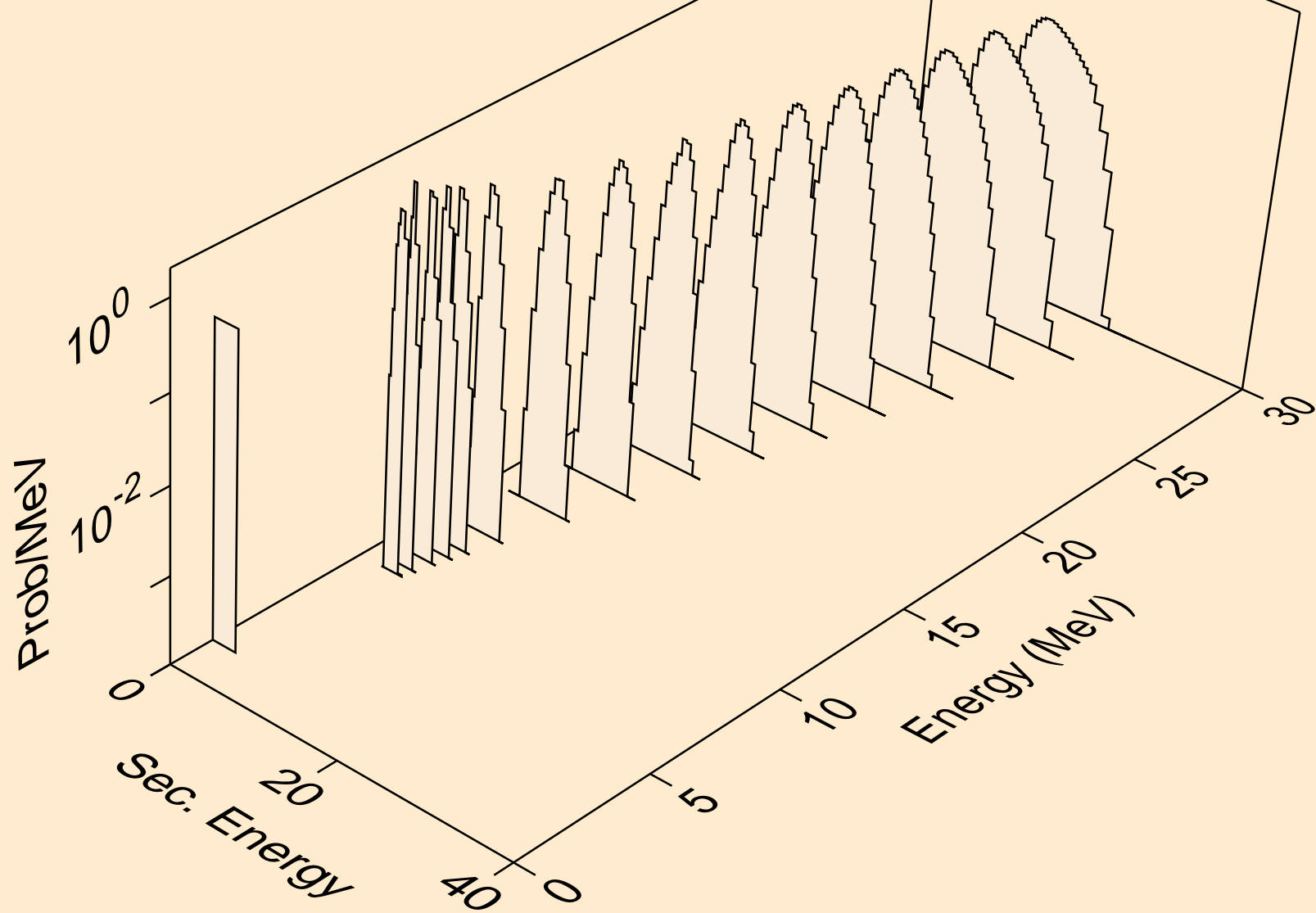


RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



RH101 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

