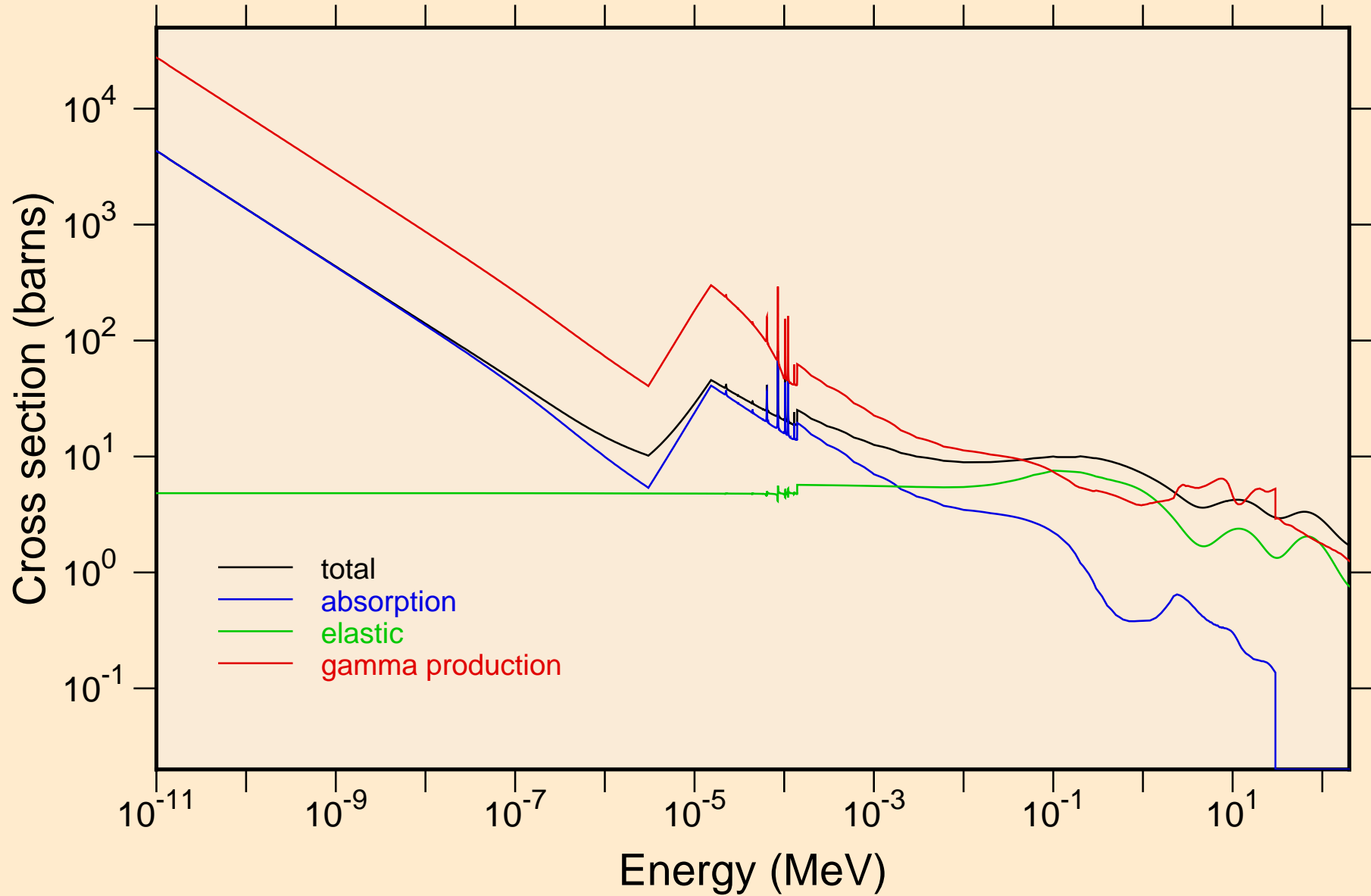
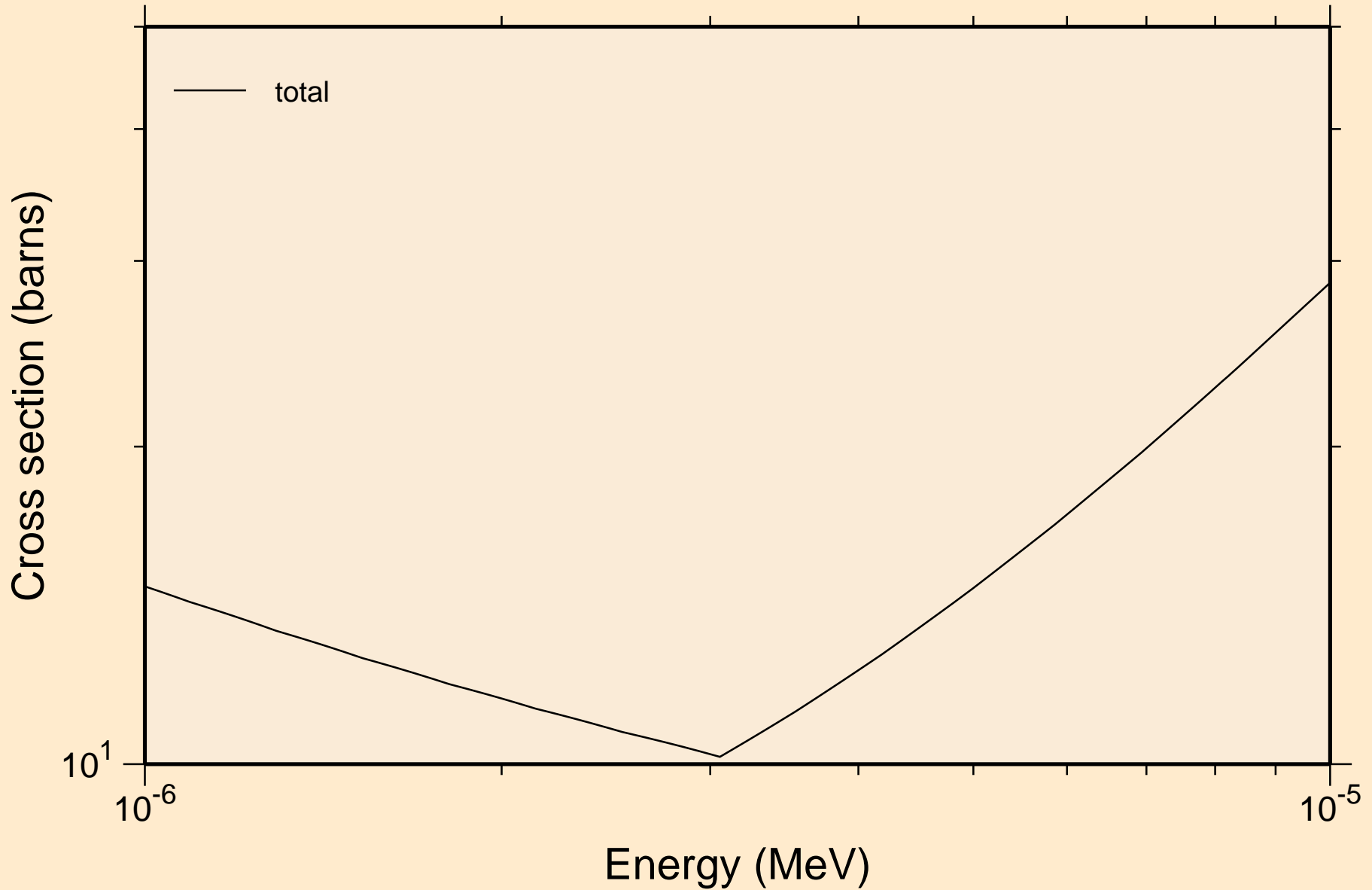


# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

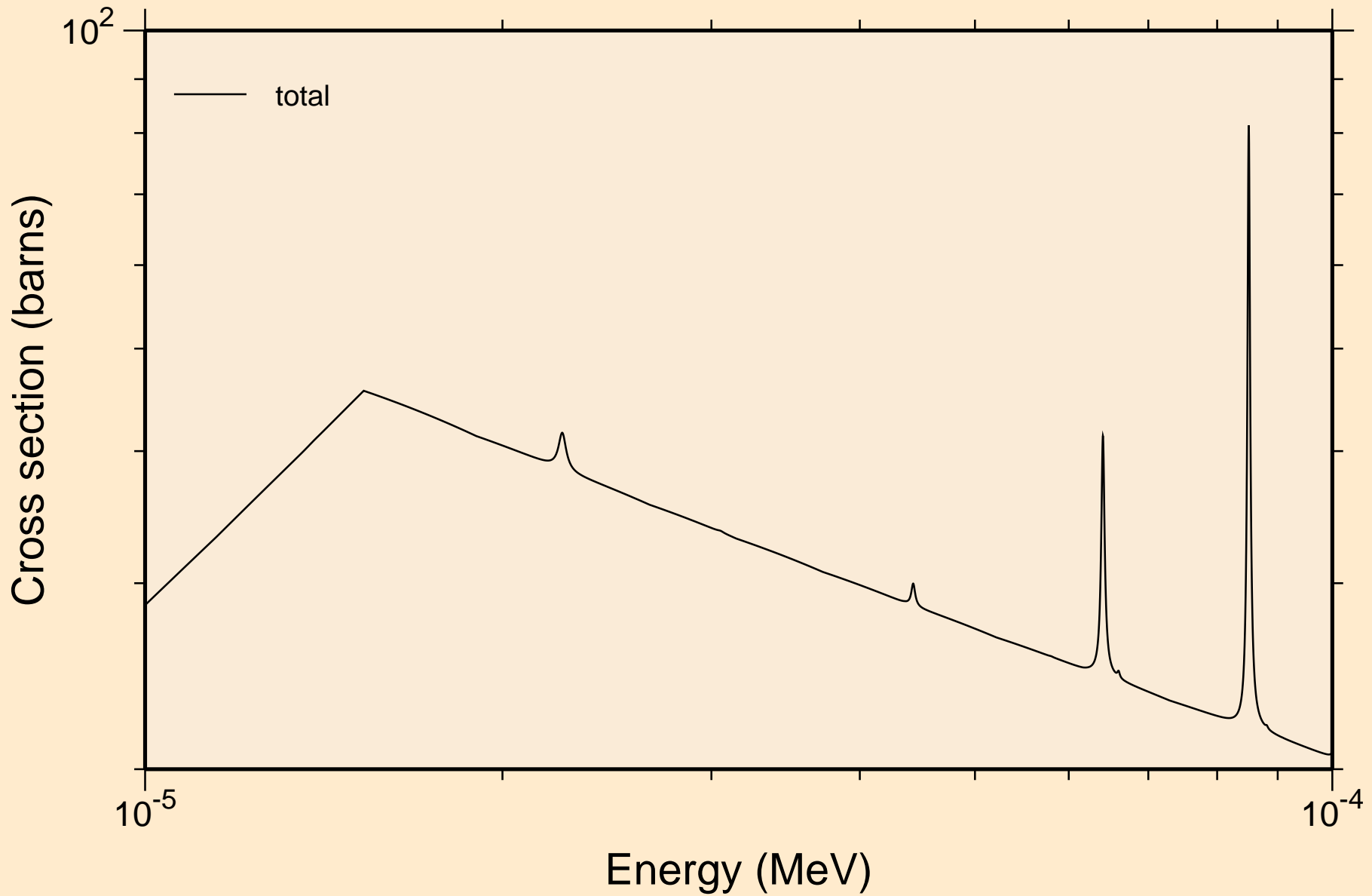
## Principal cross sections



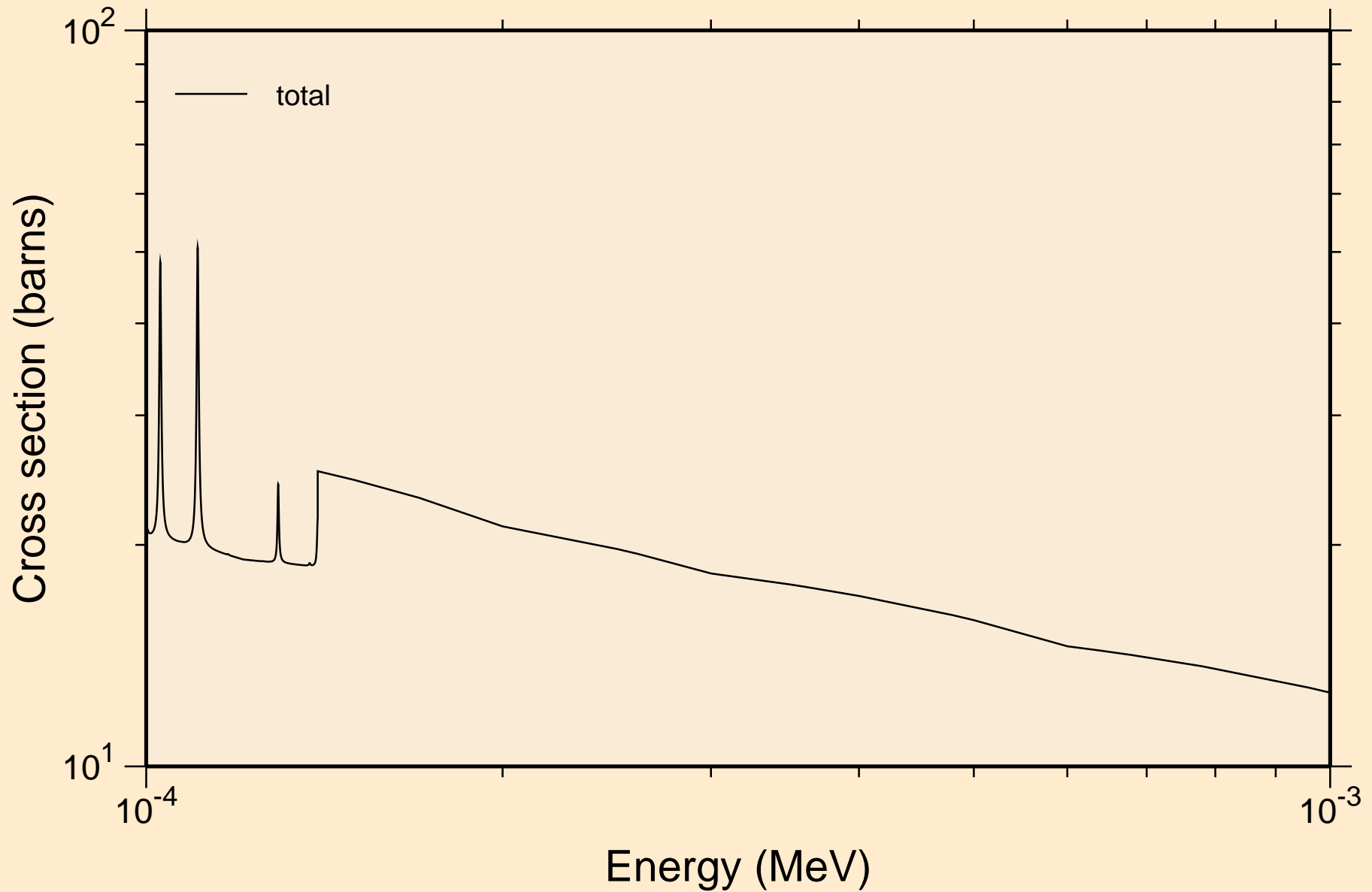
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



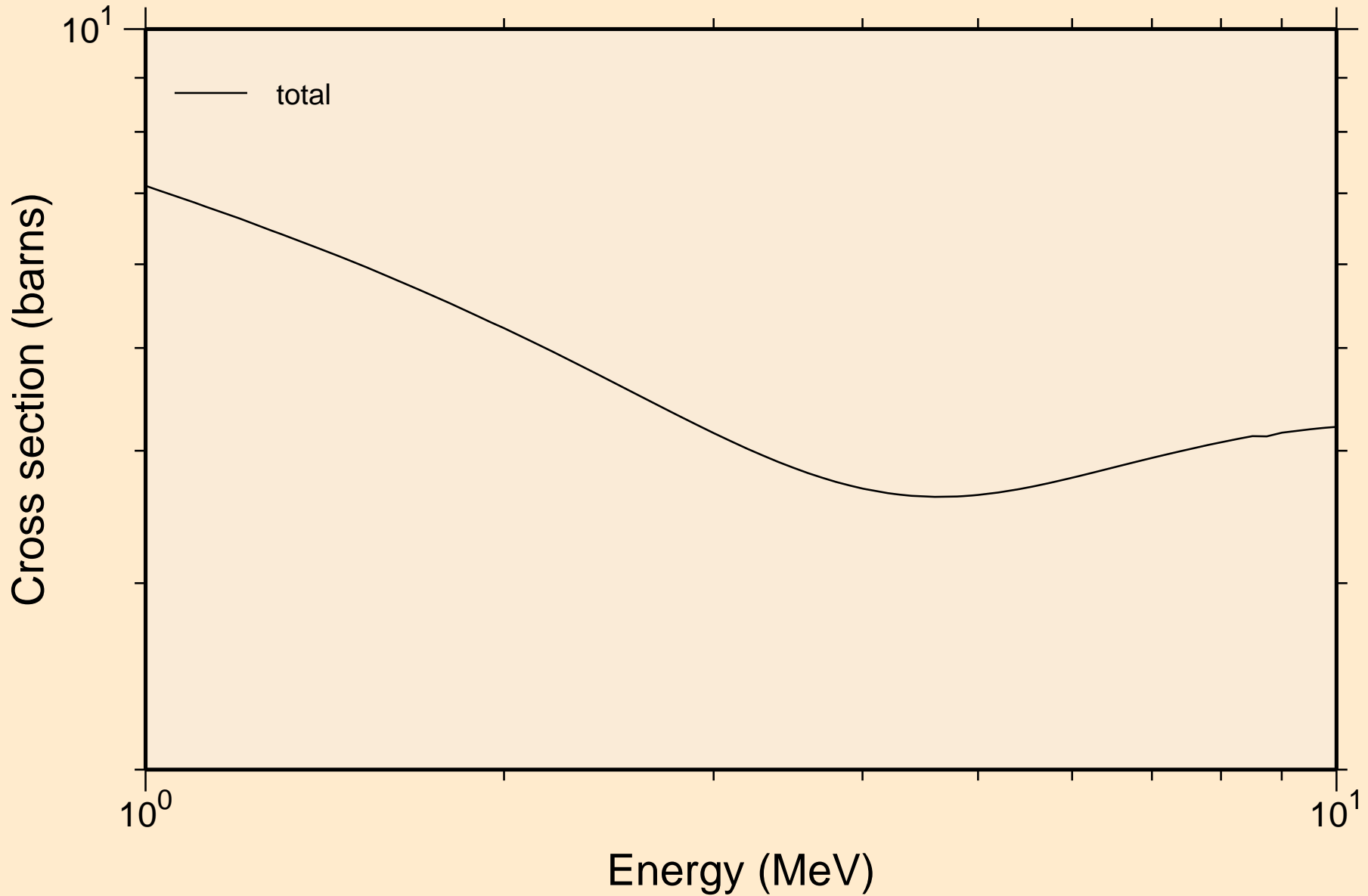
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



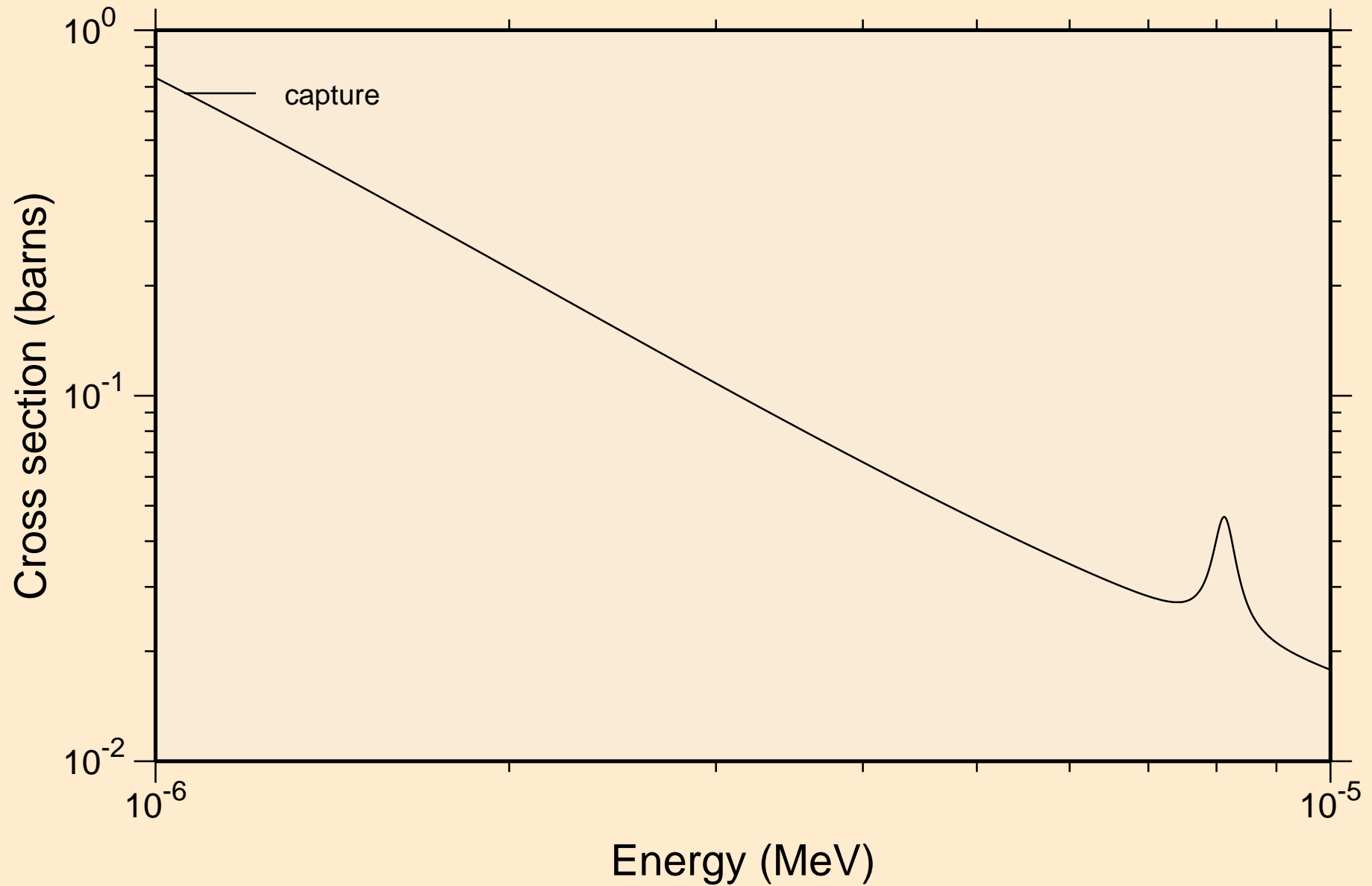
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



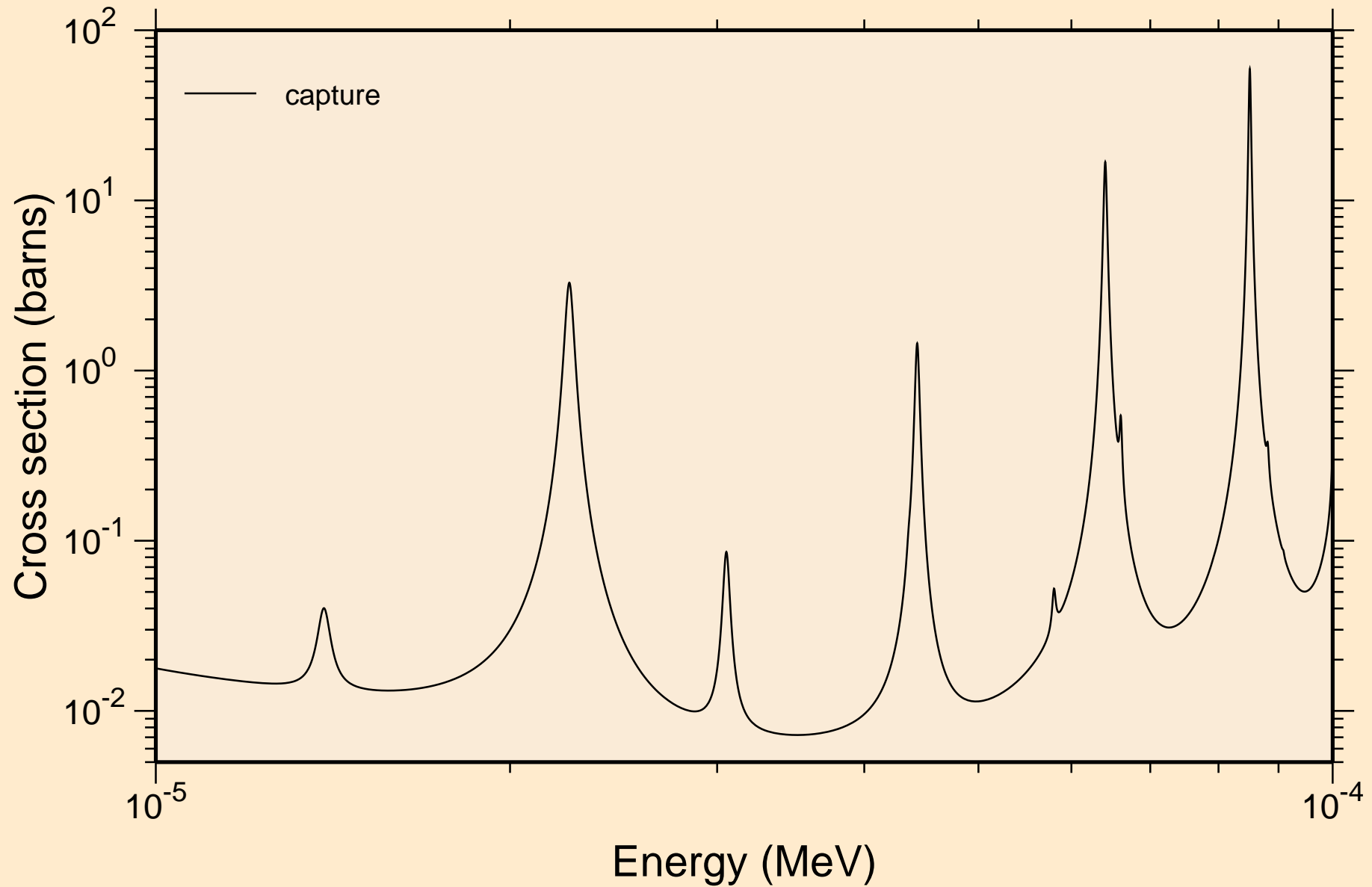
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



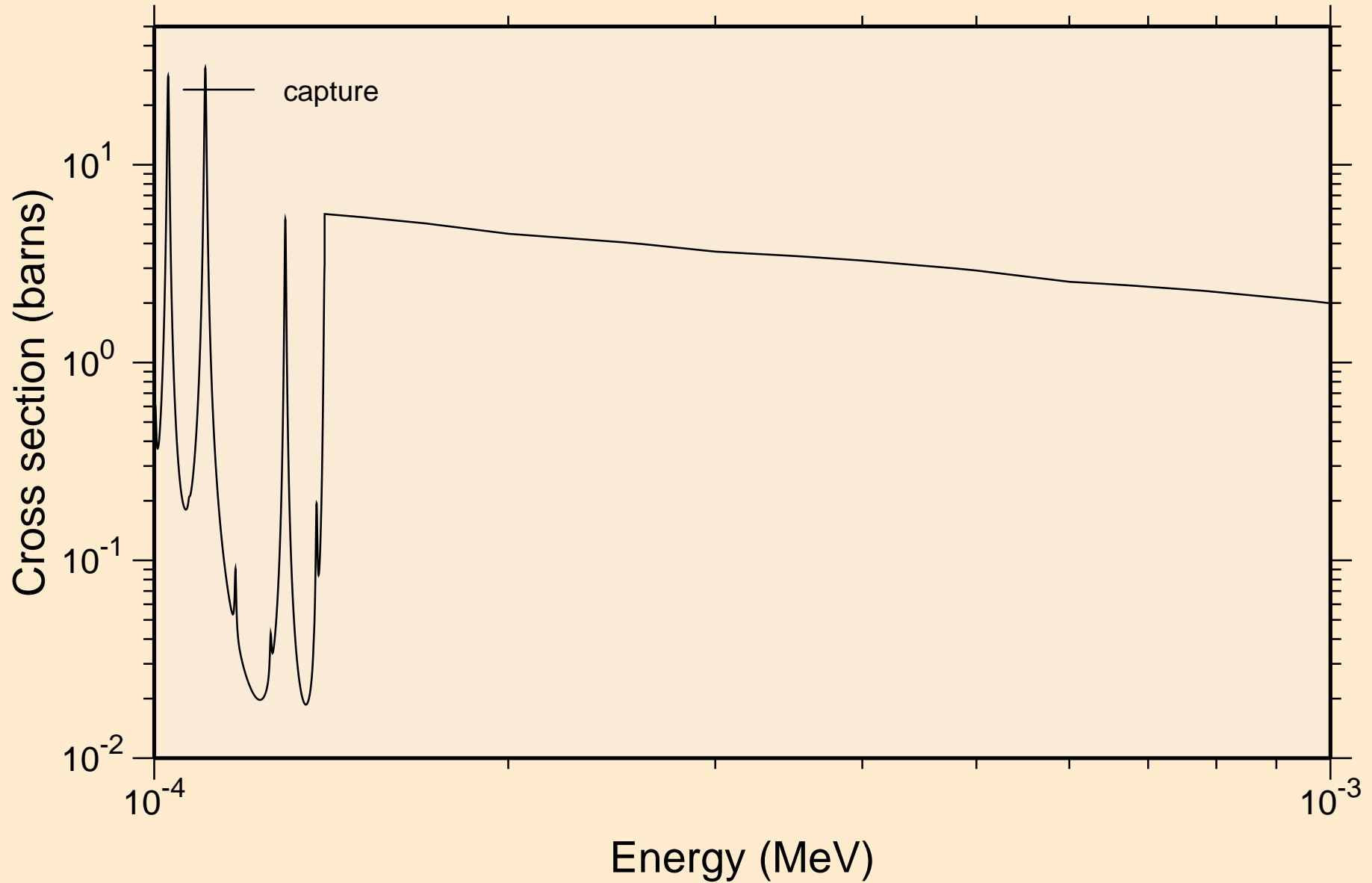
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

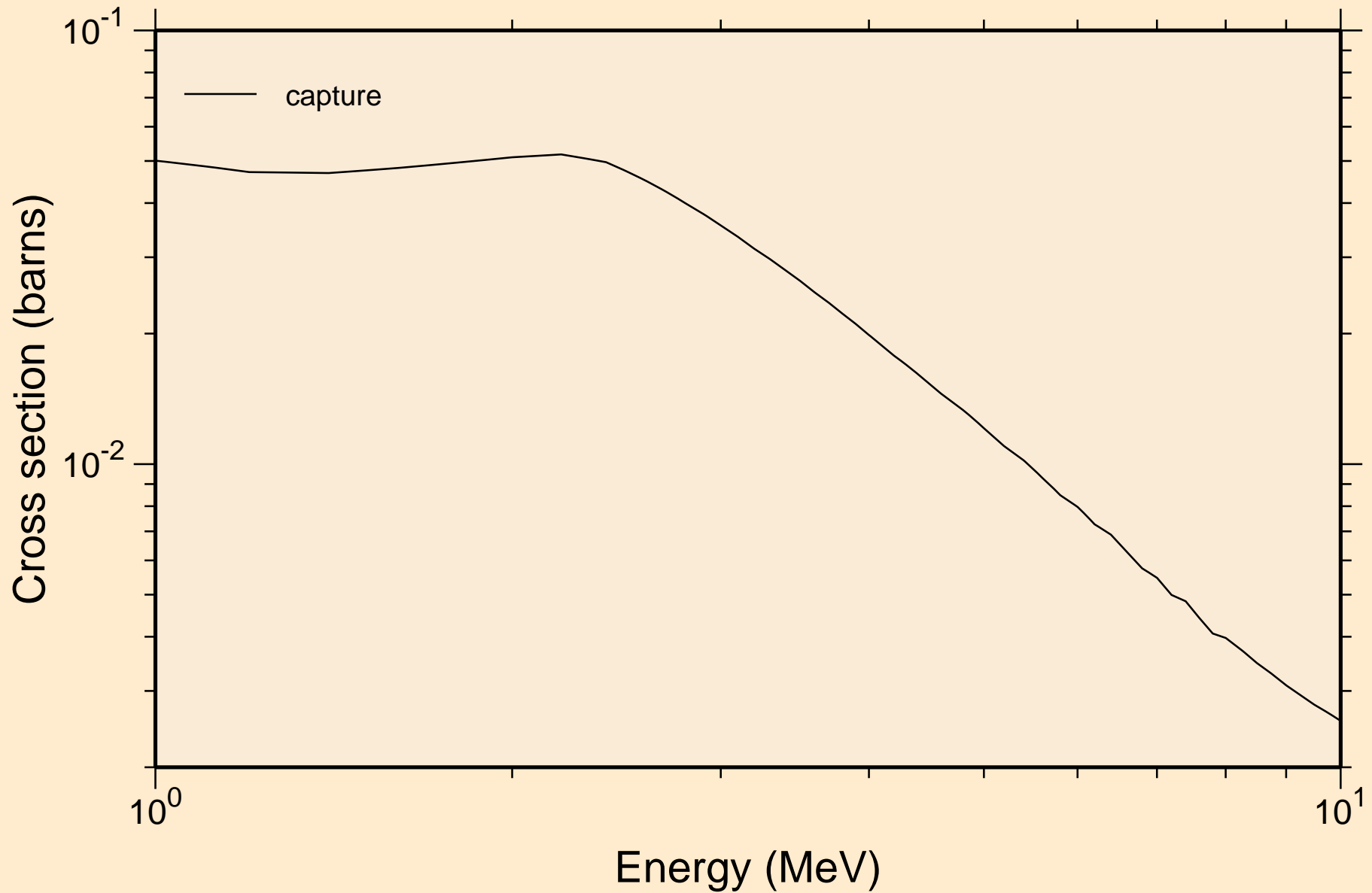


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

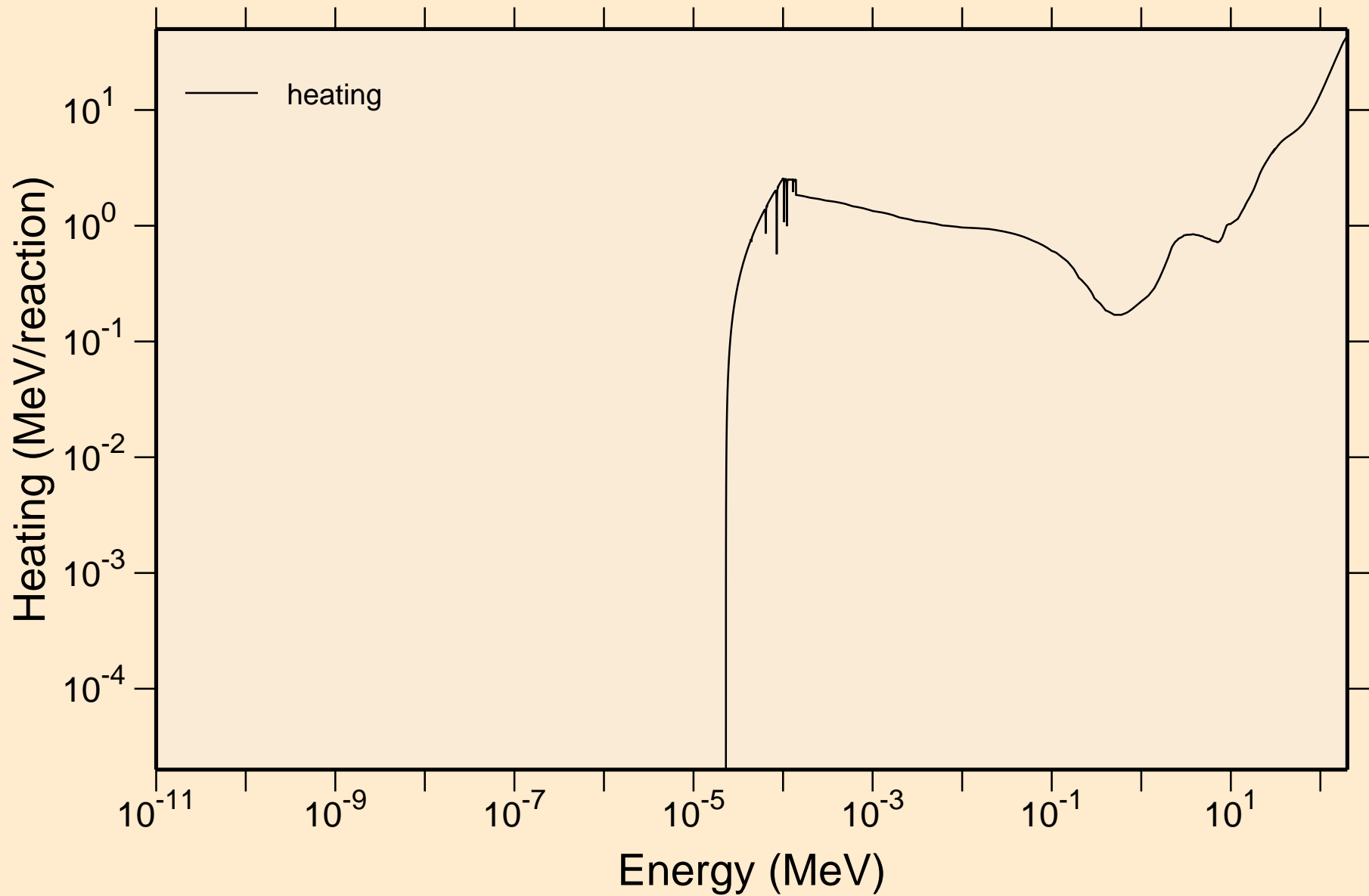




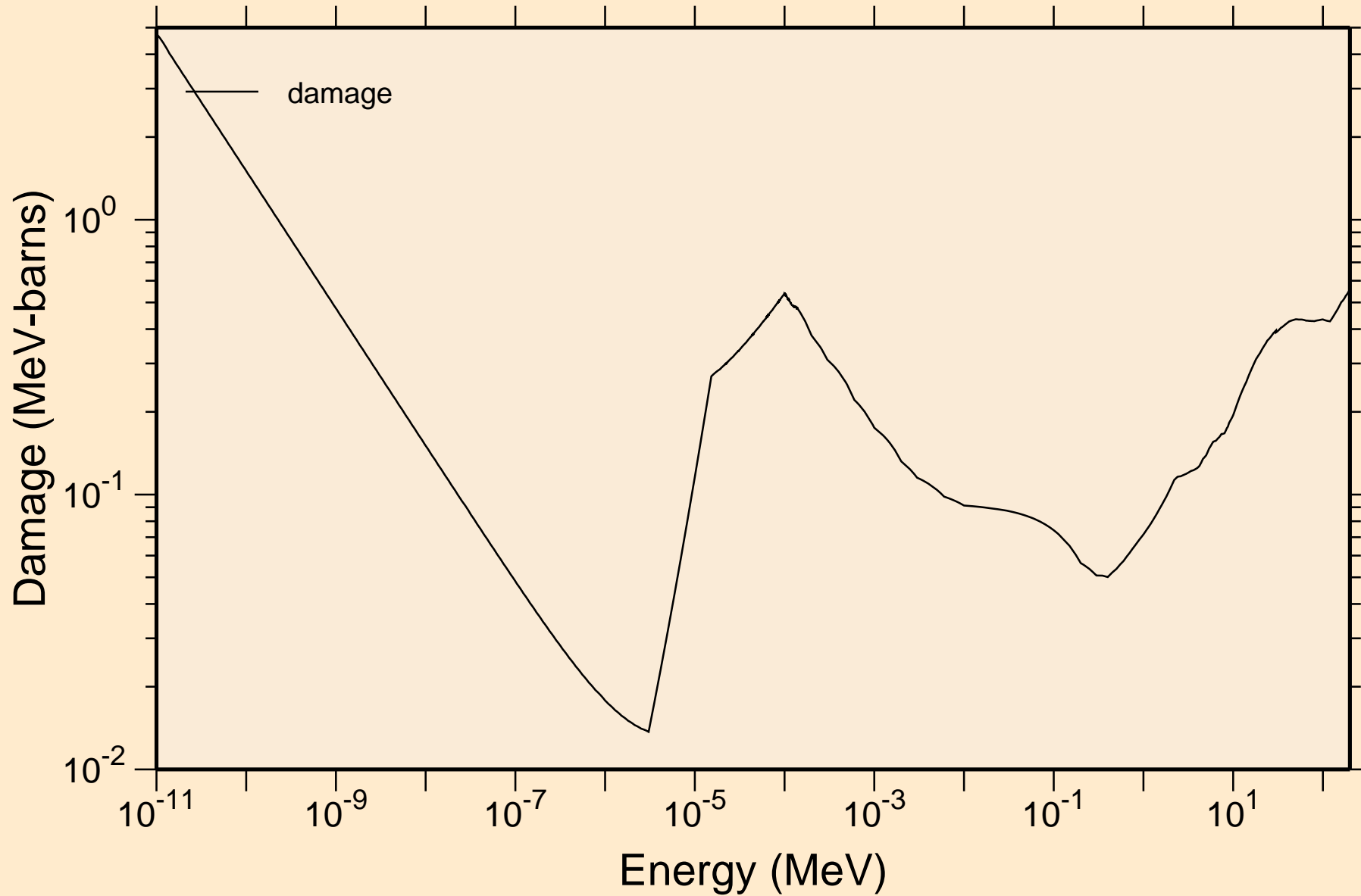
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

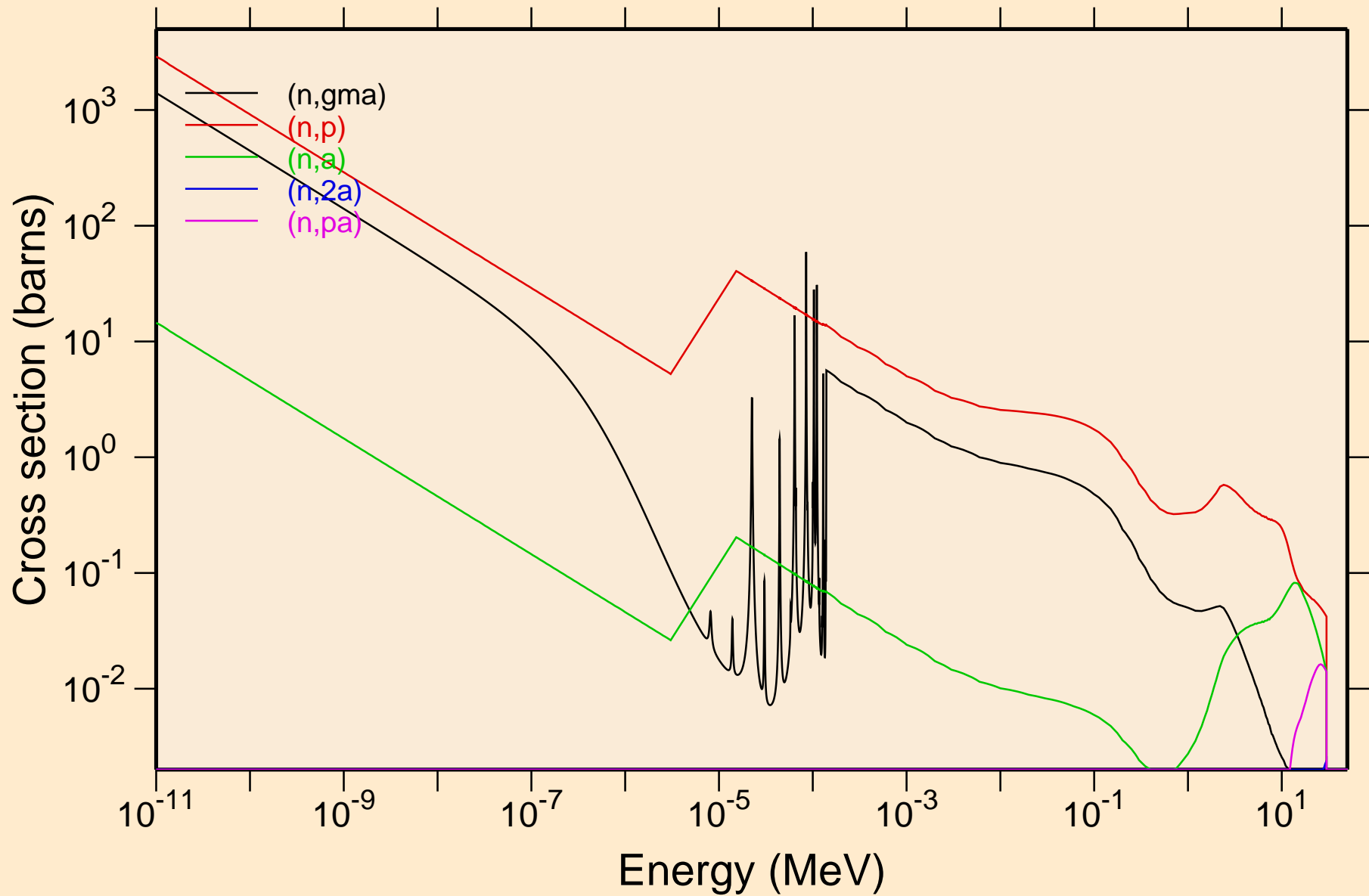


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

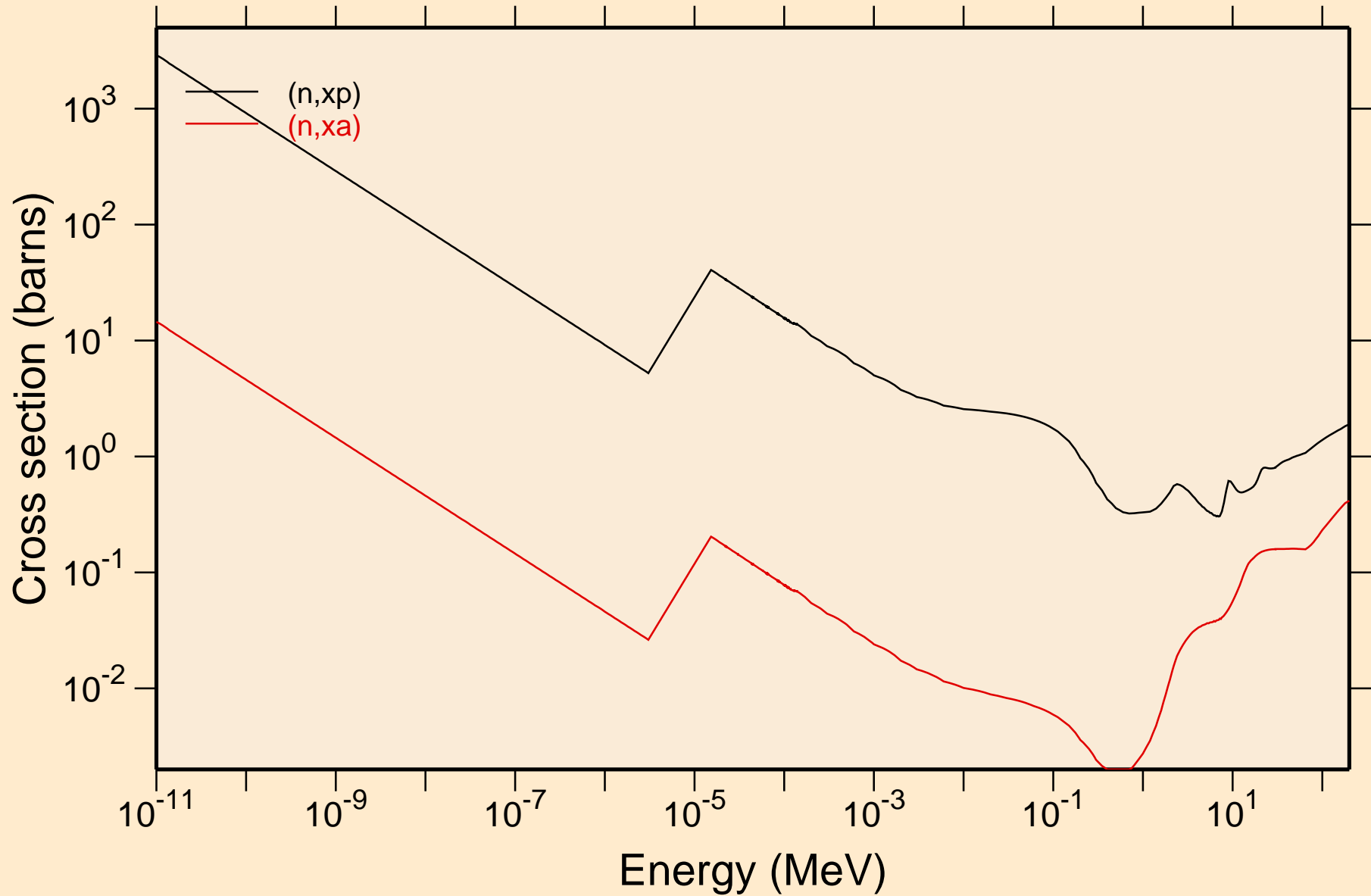


# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

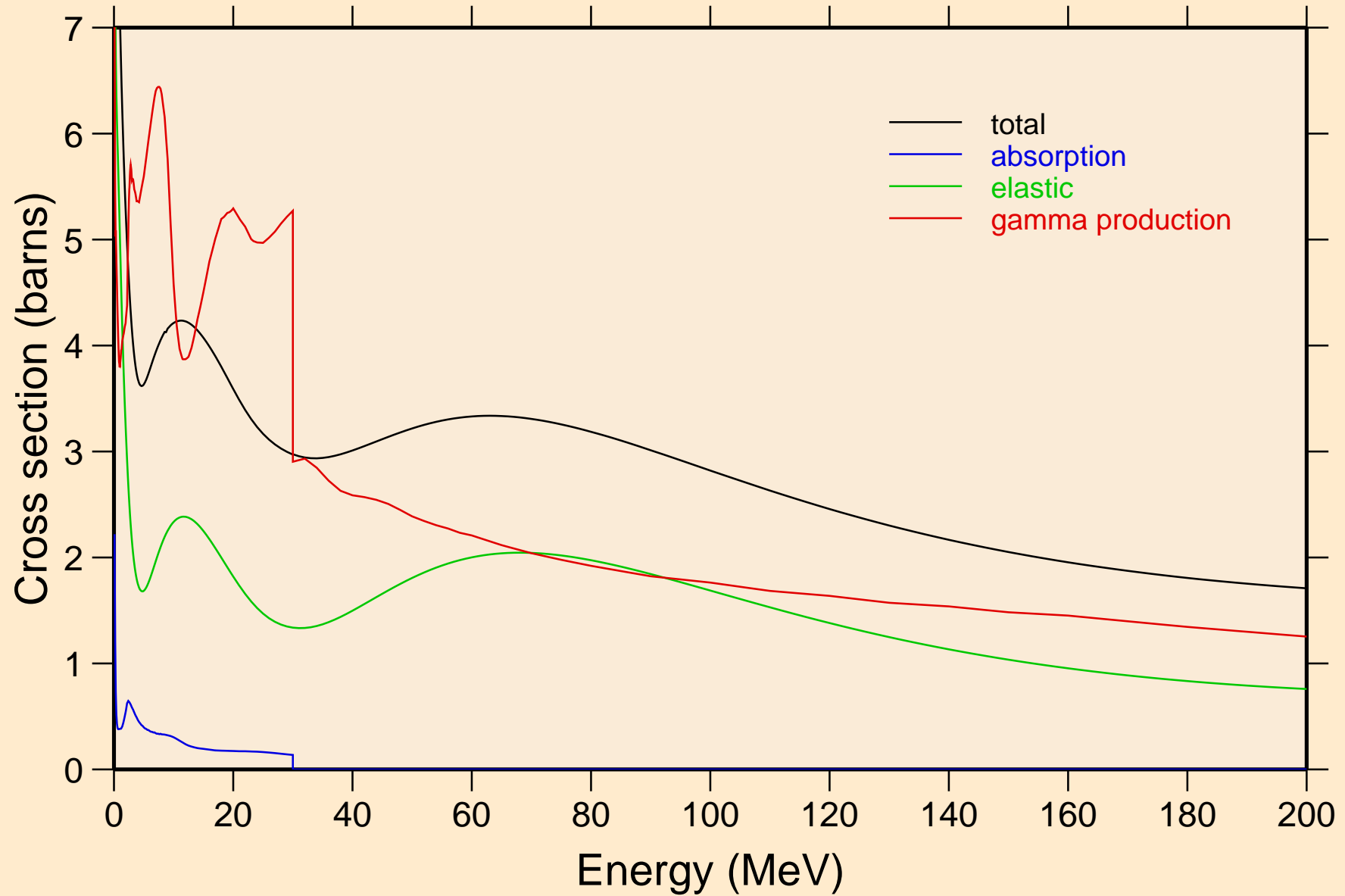


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



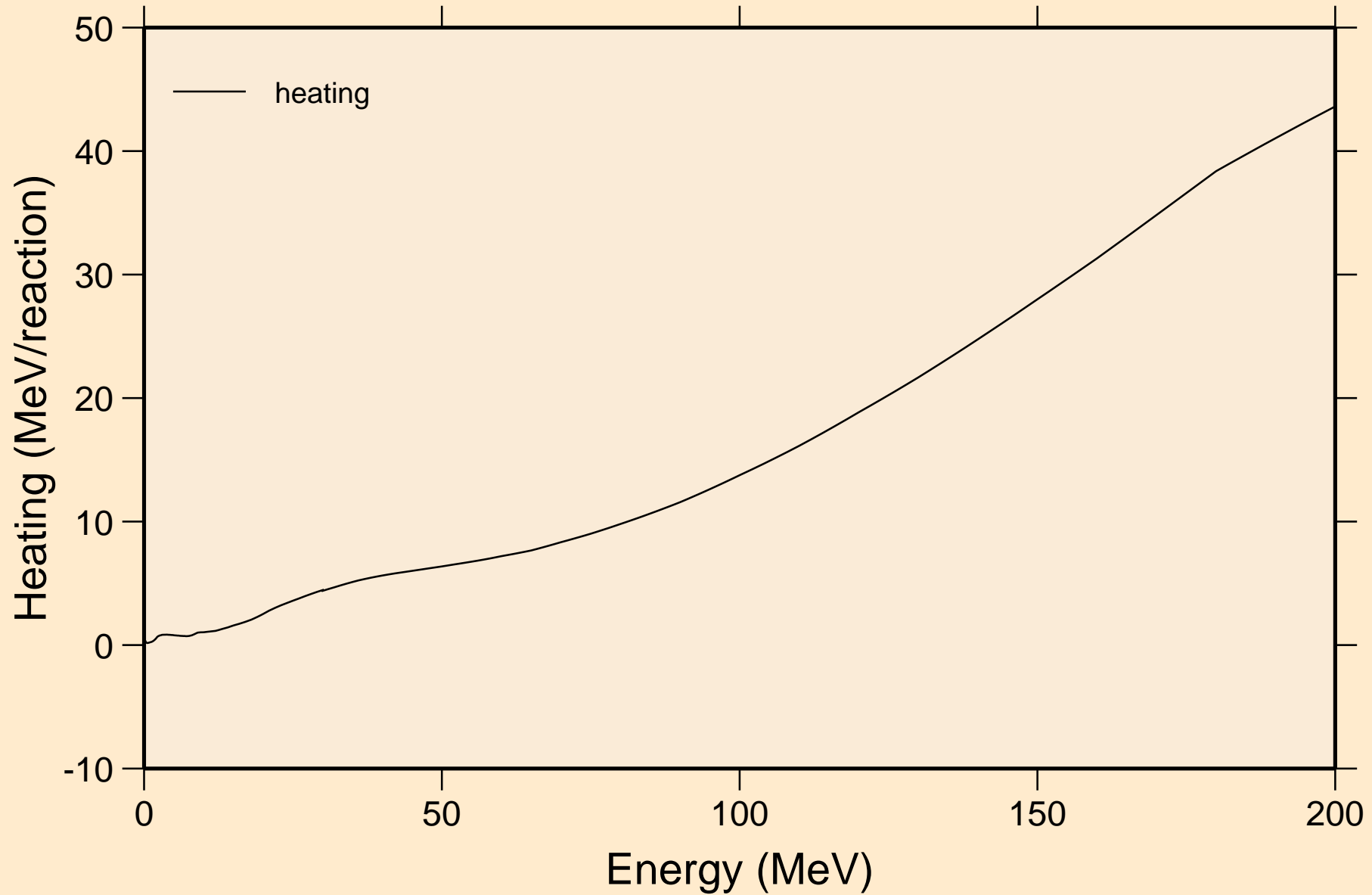
# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

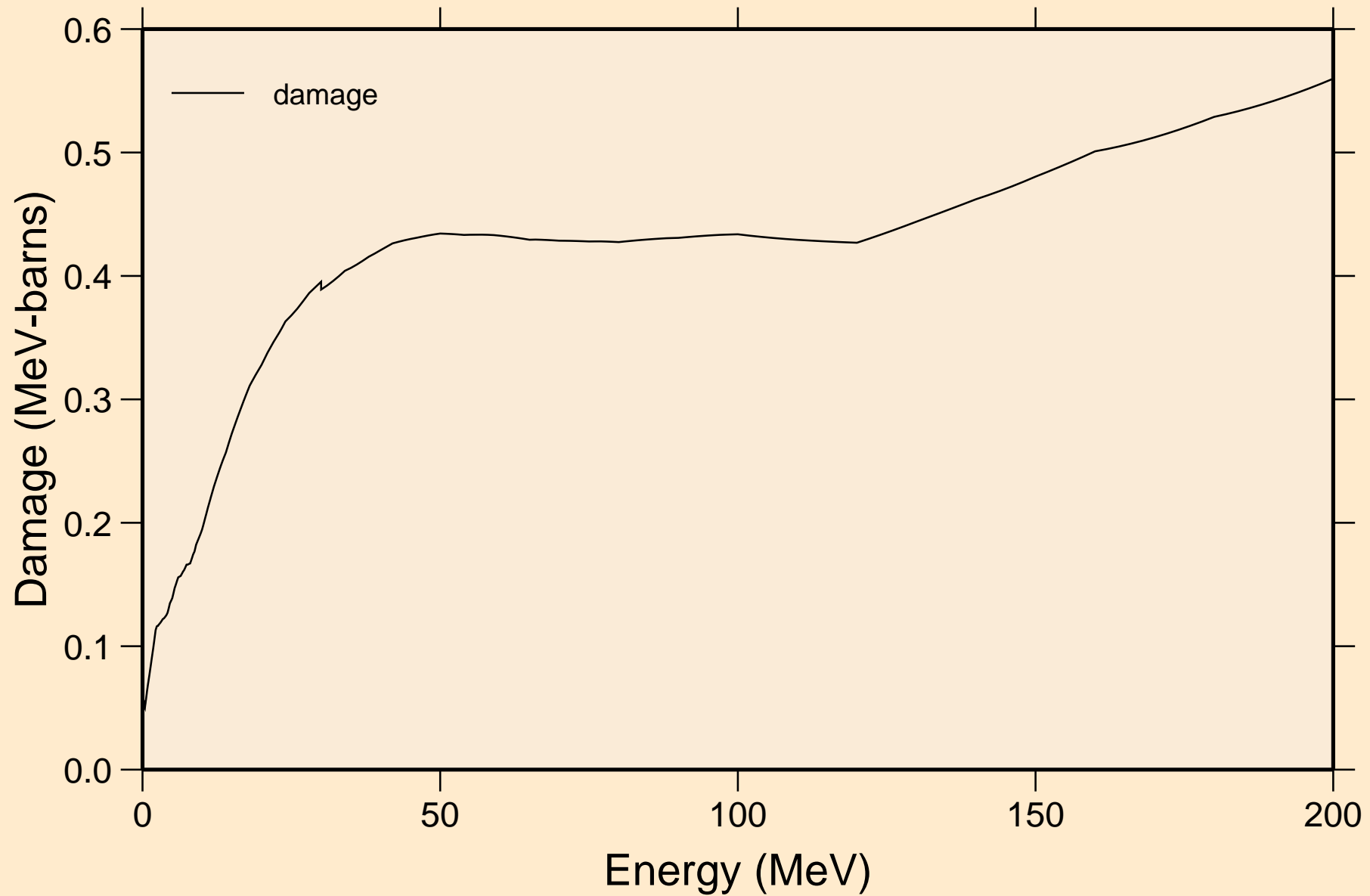


# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



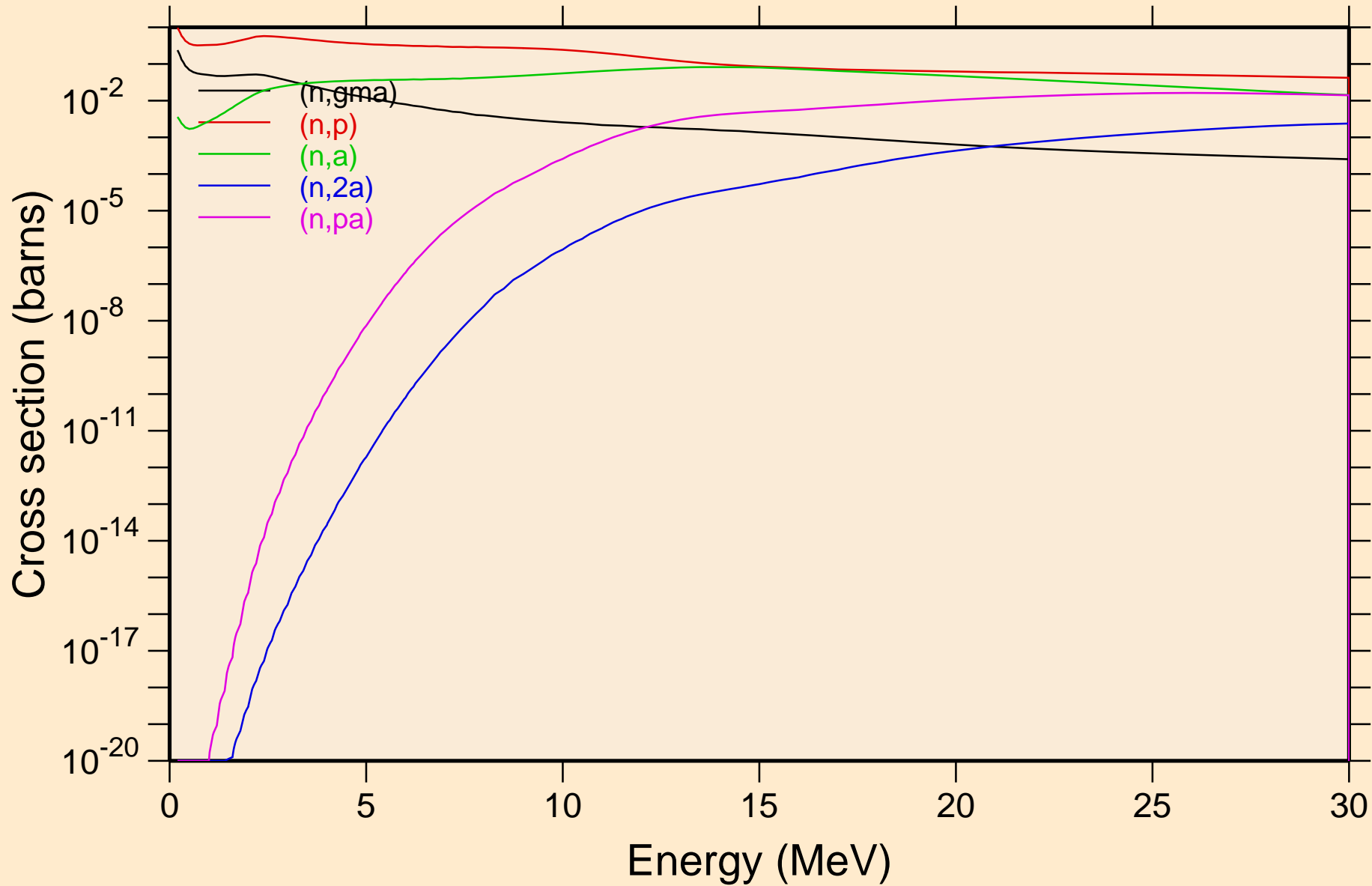
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



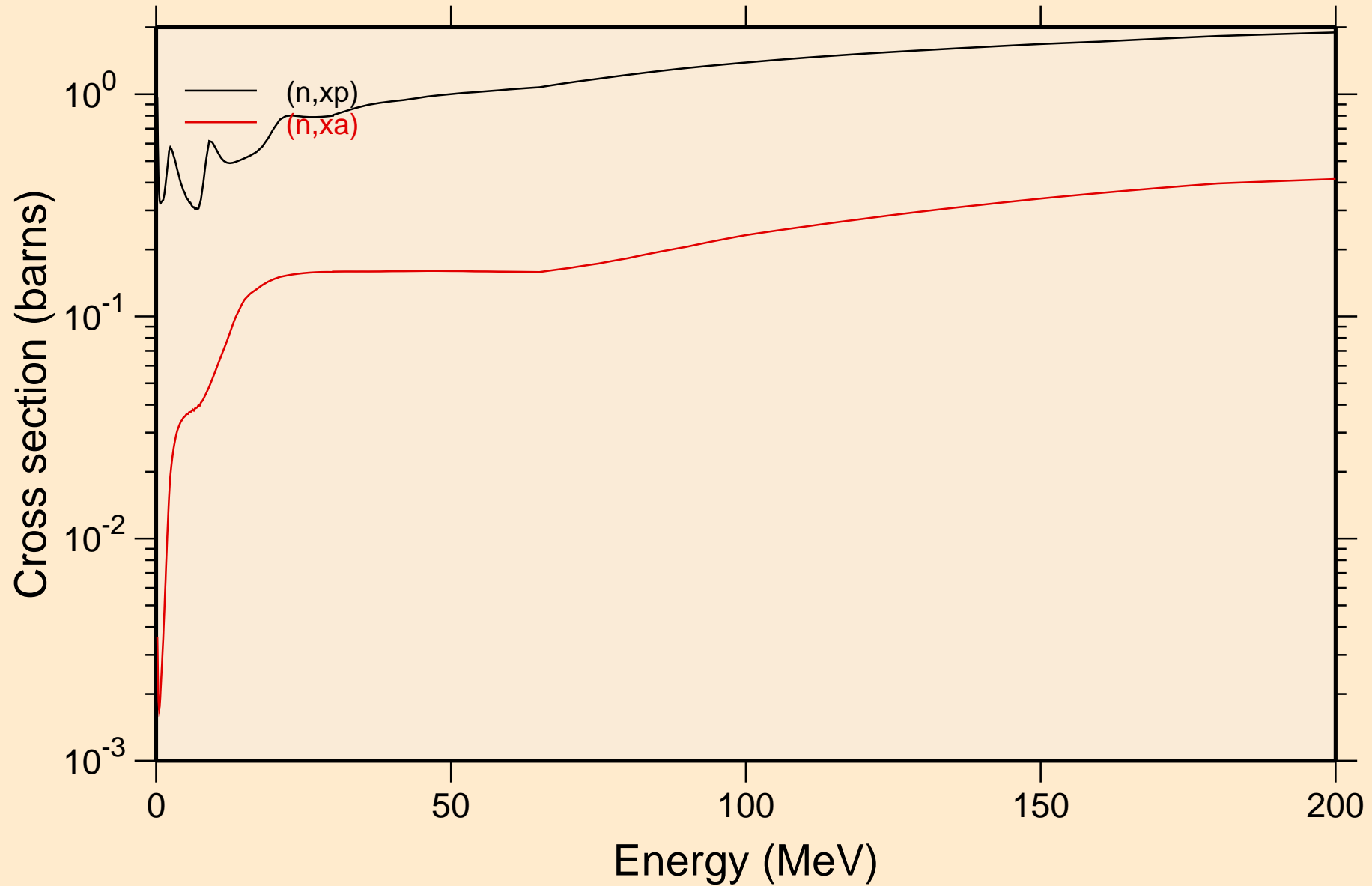


# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

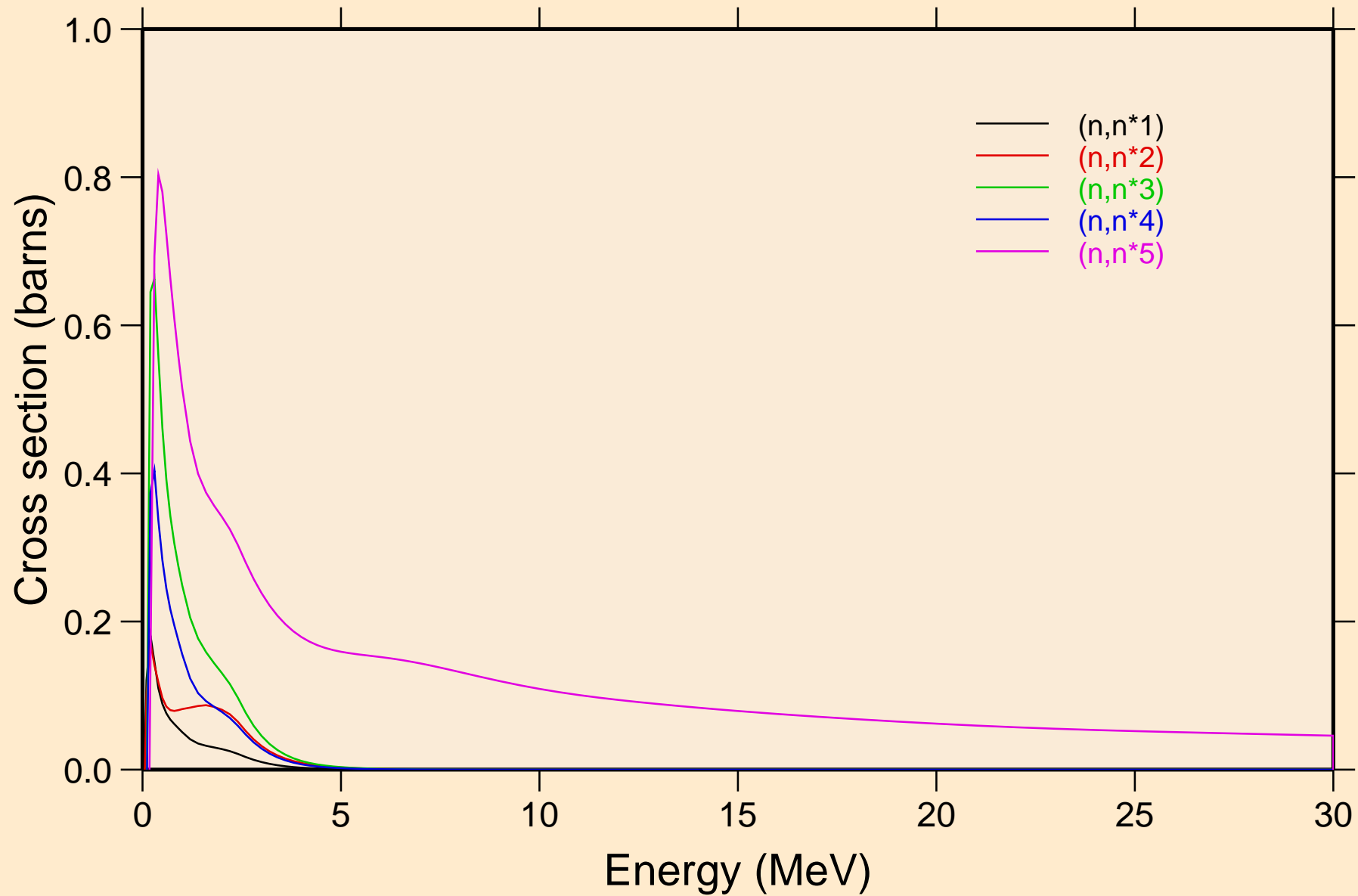
## Non-threshold reactions



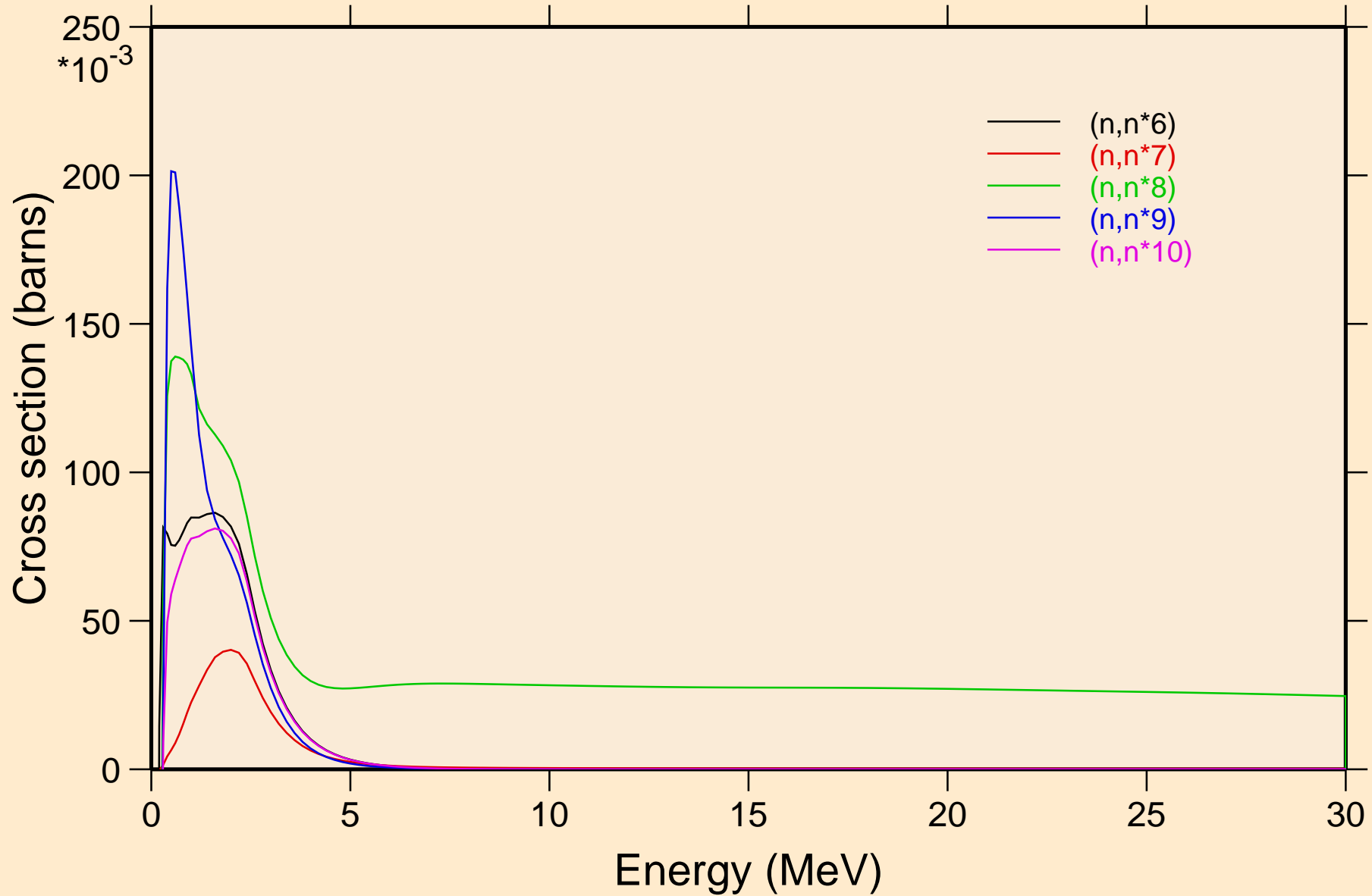
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



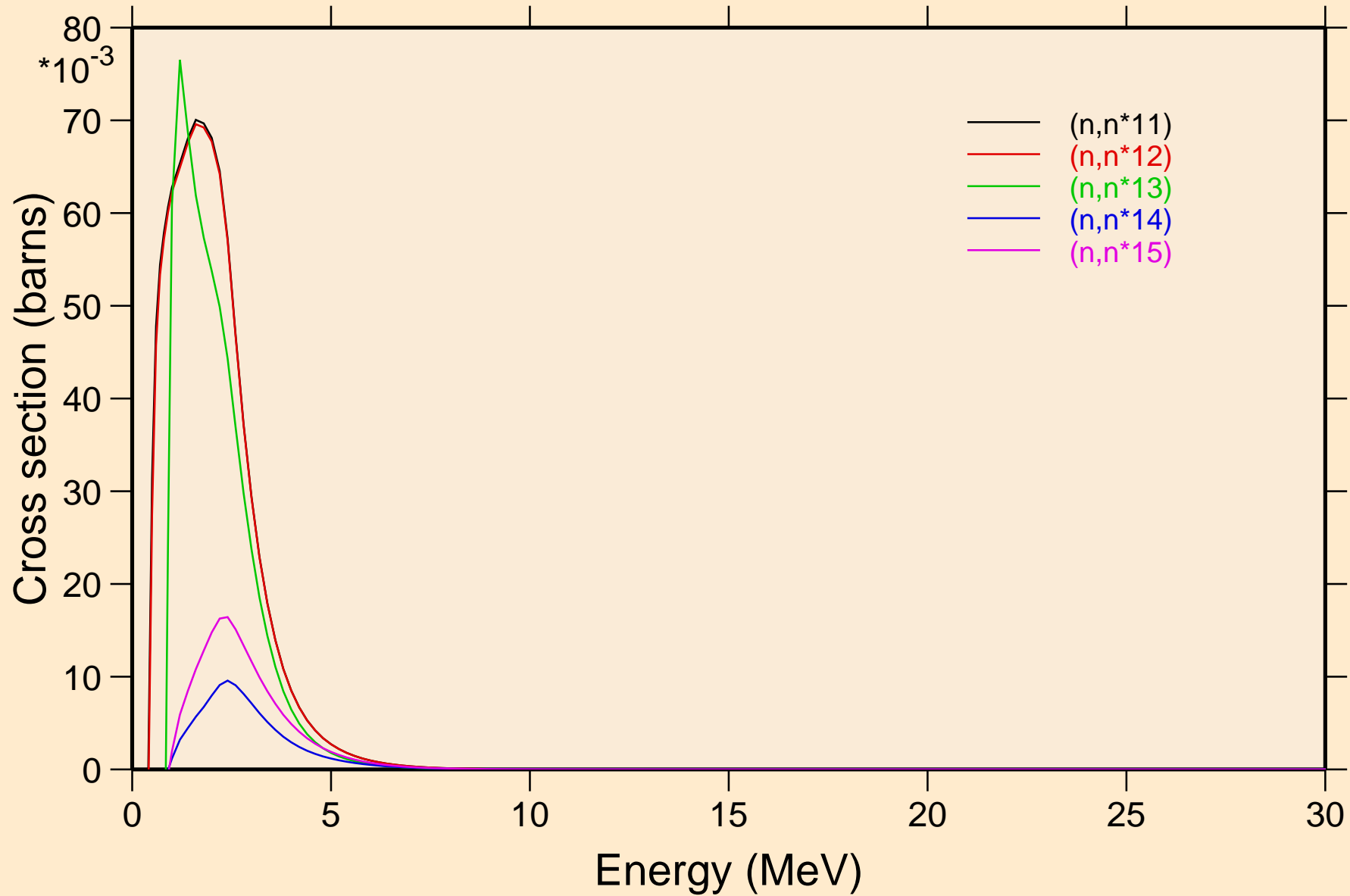
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



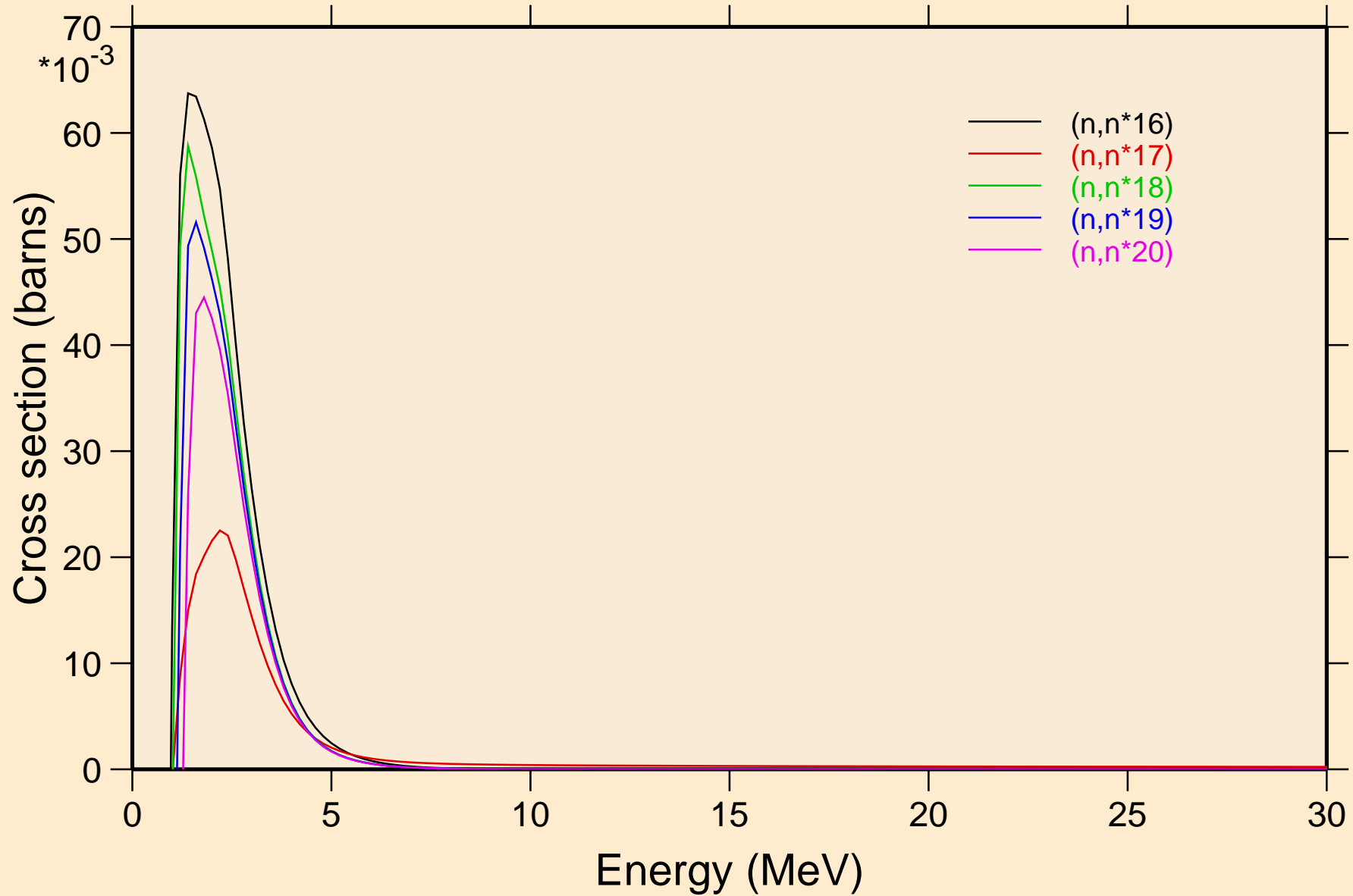
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



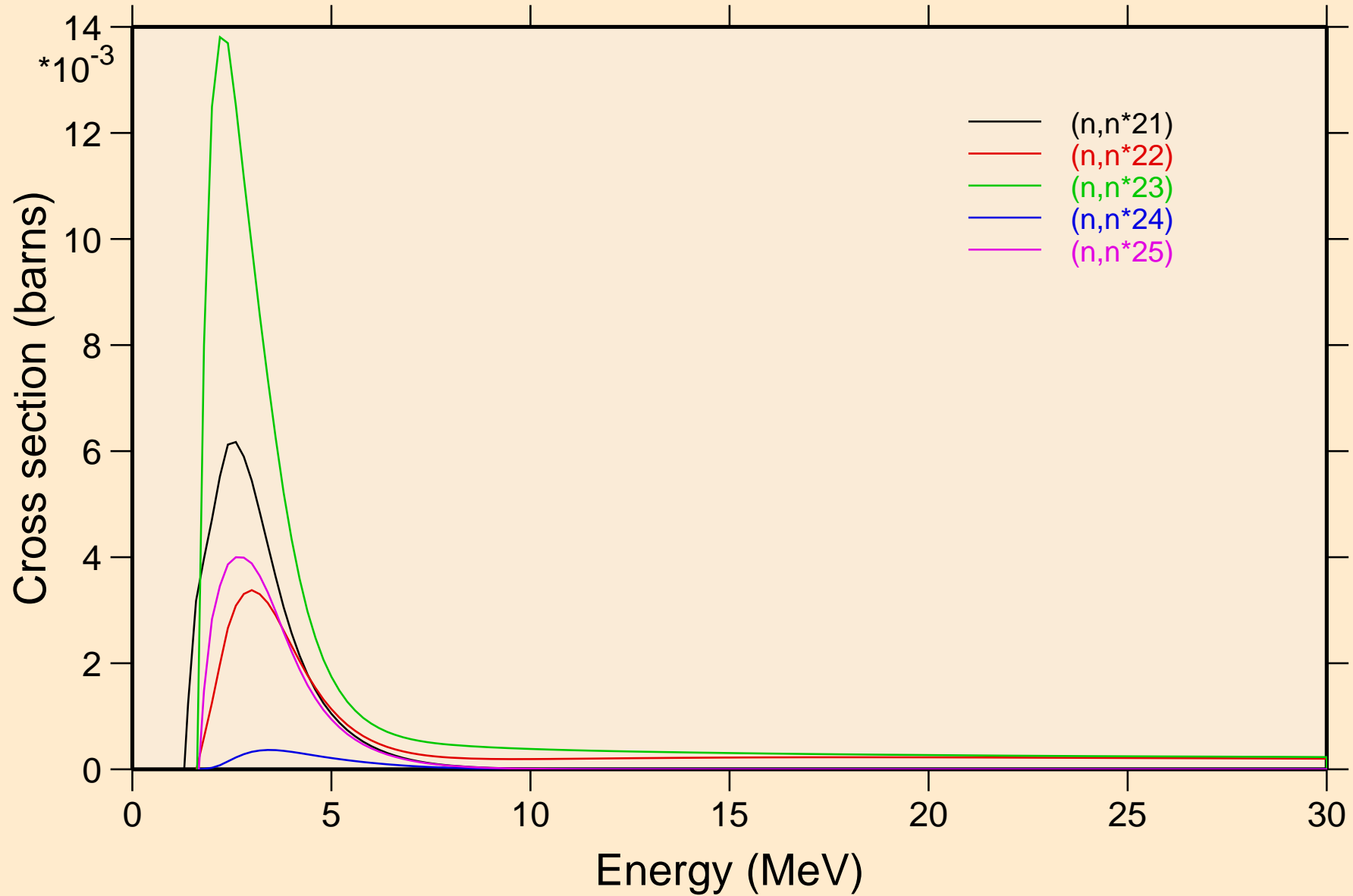
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



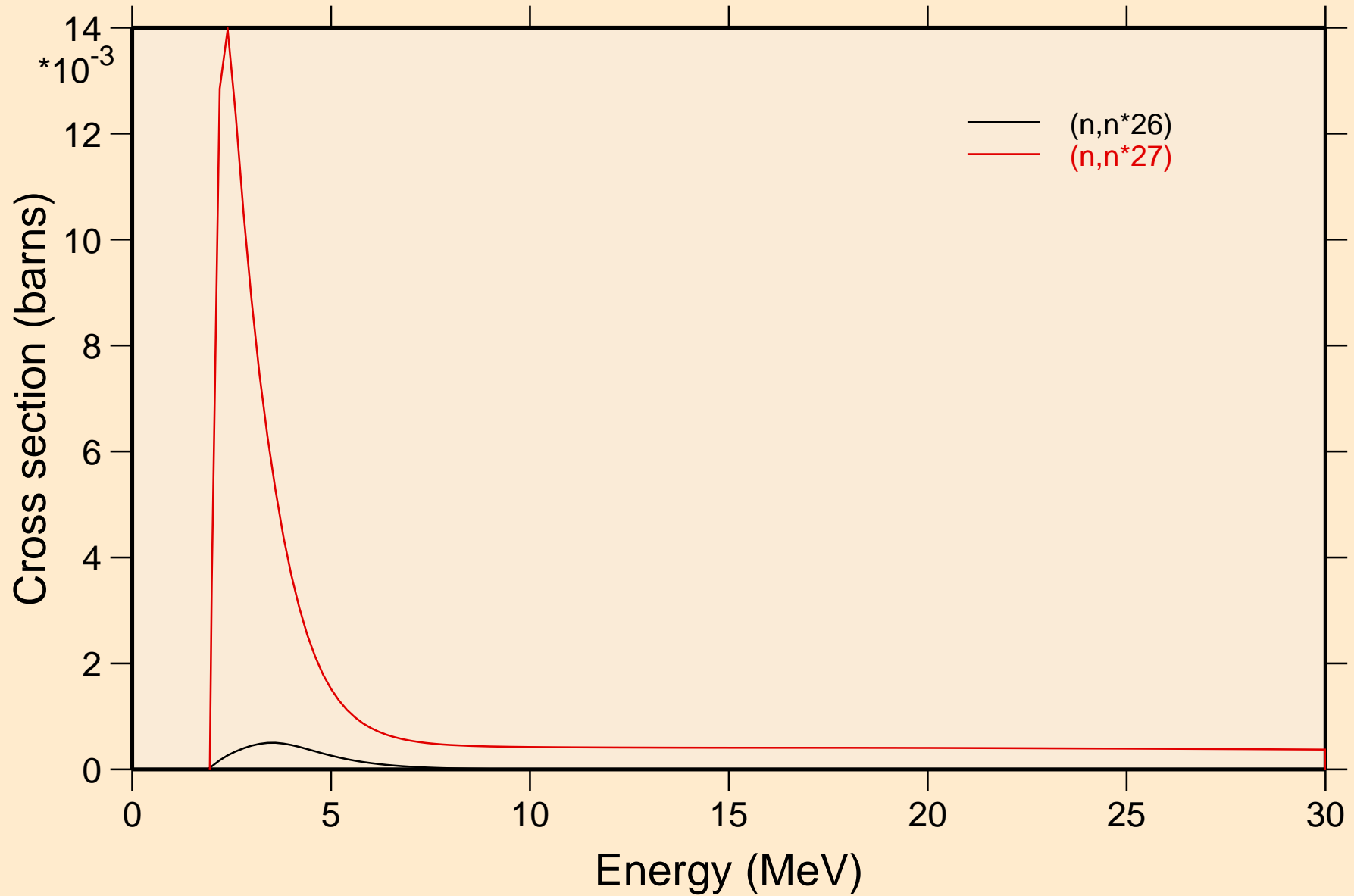
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

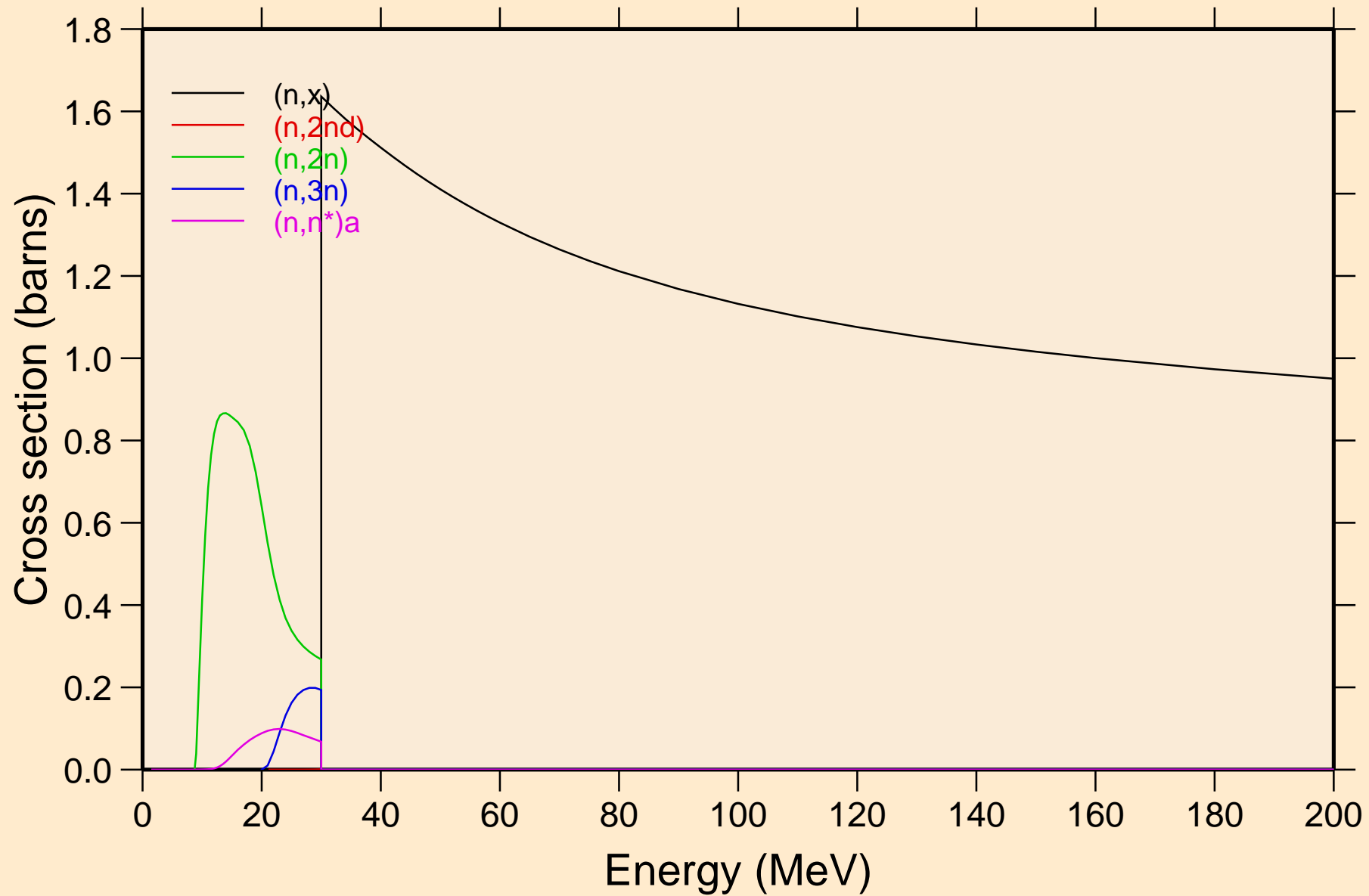


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

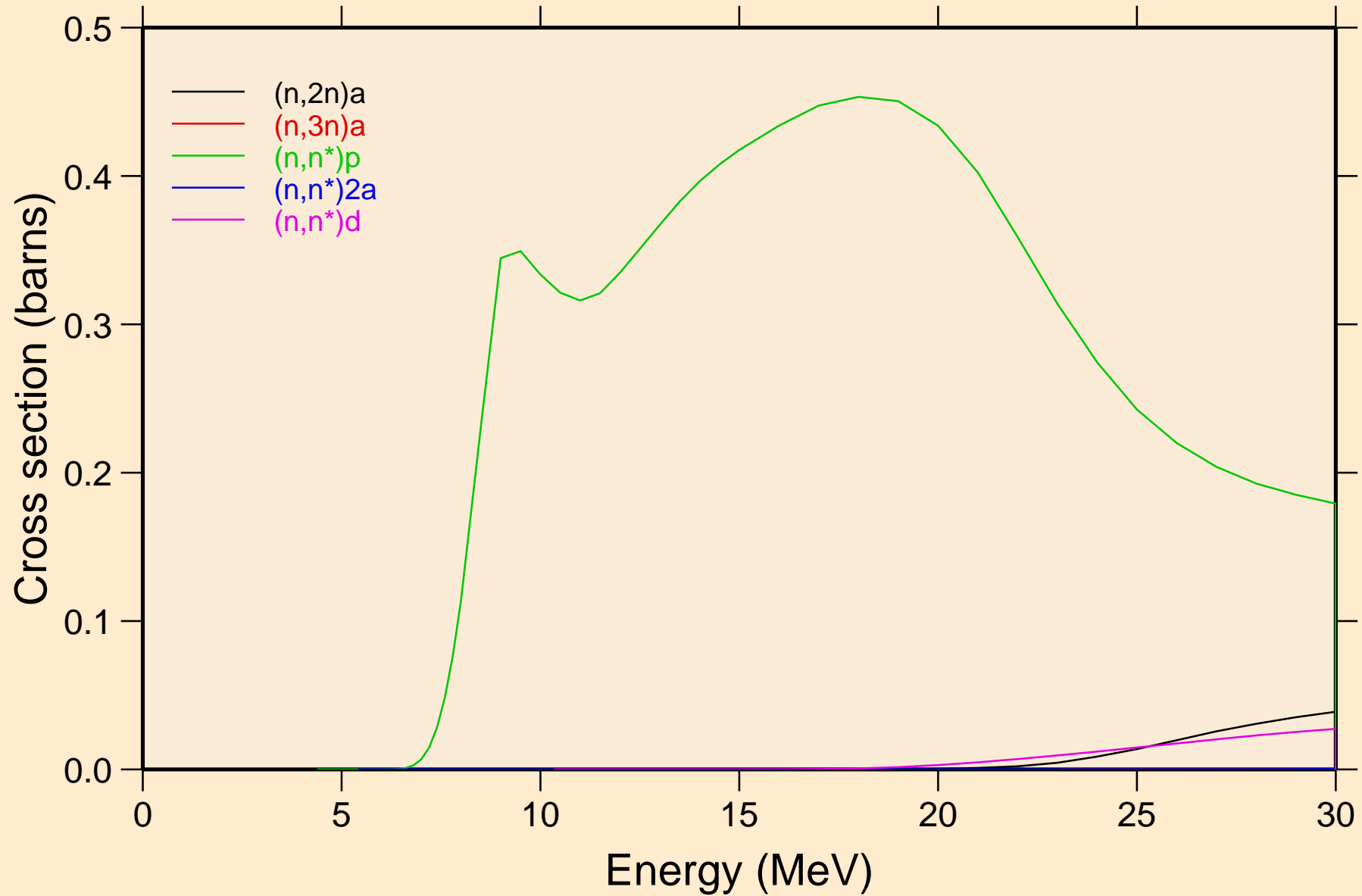




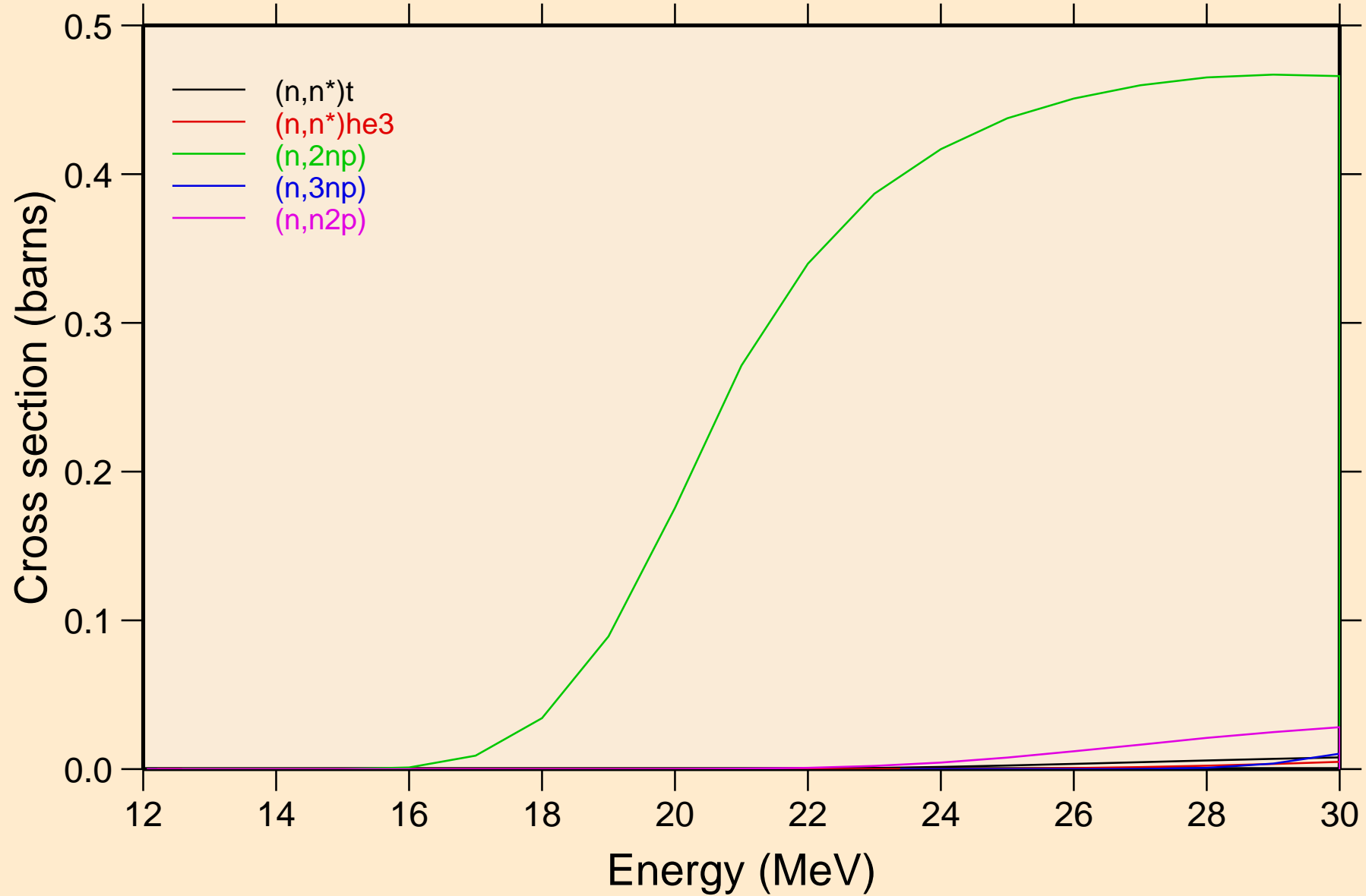
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



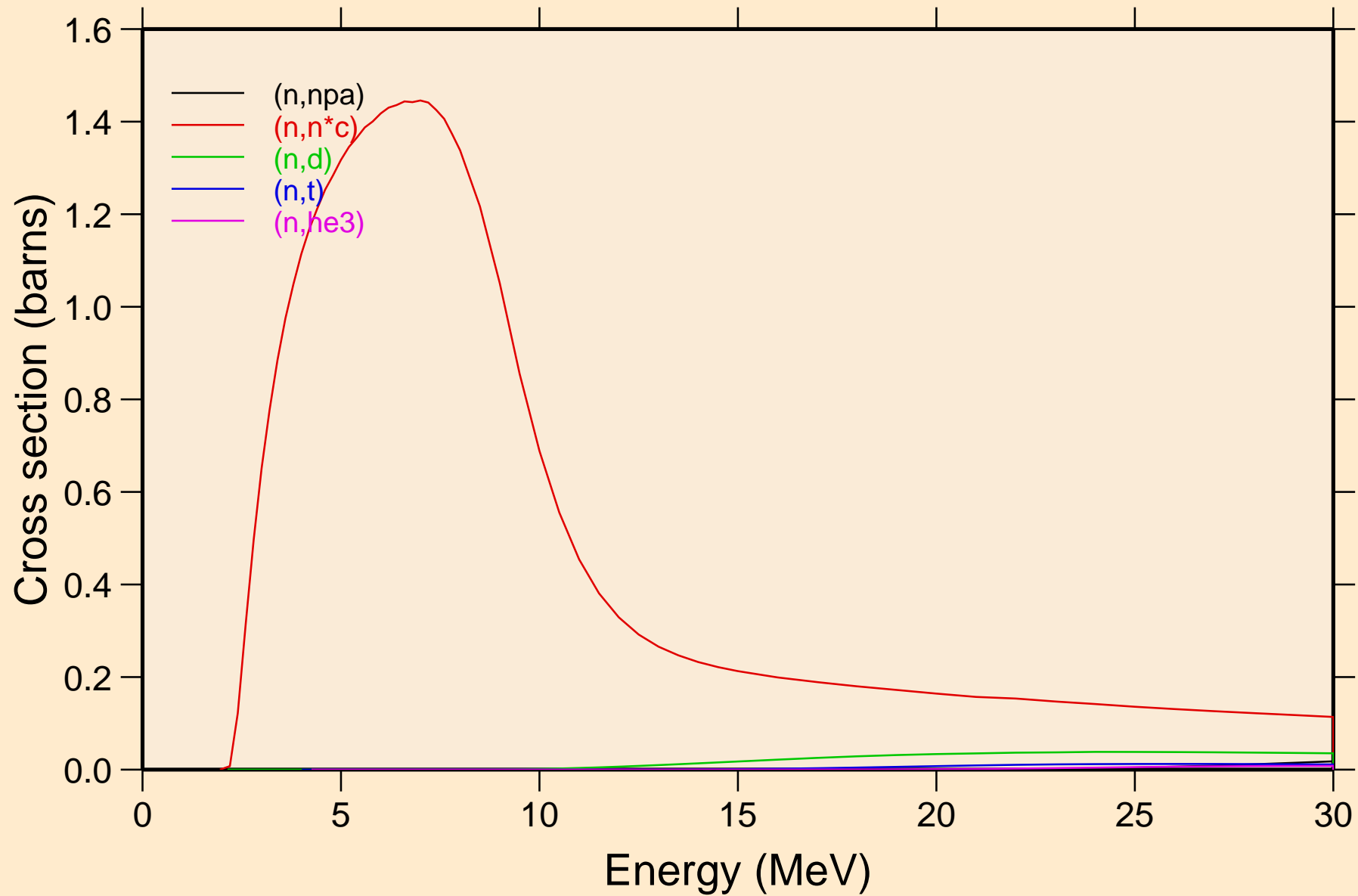
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



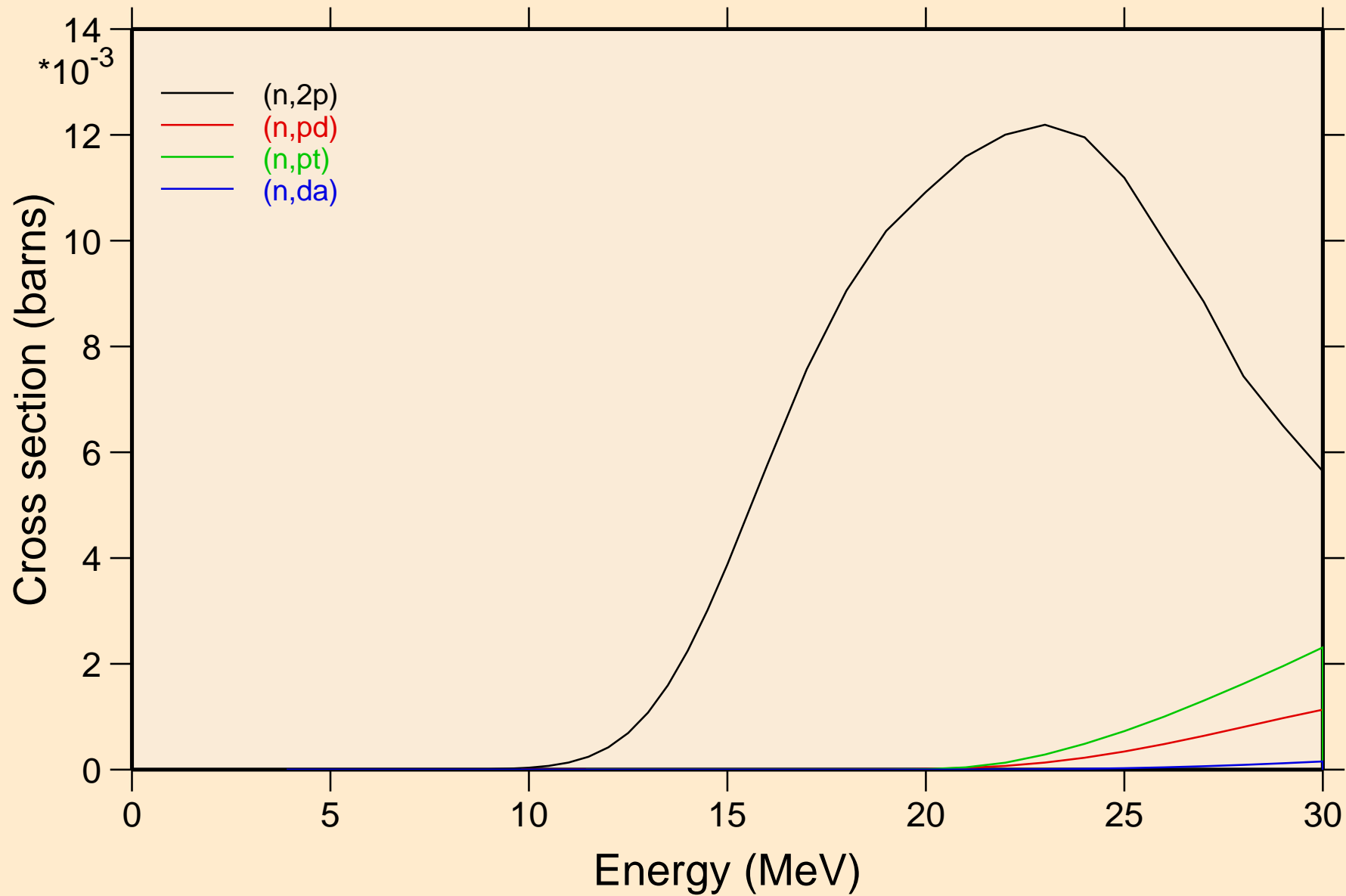
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



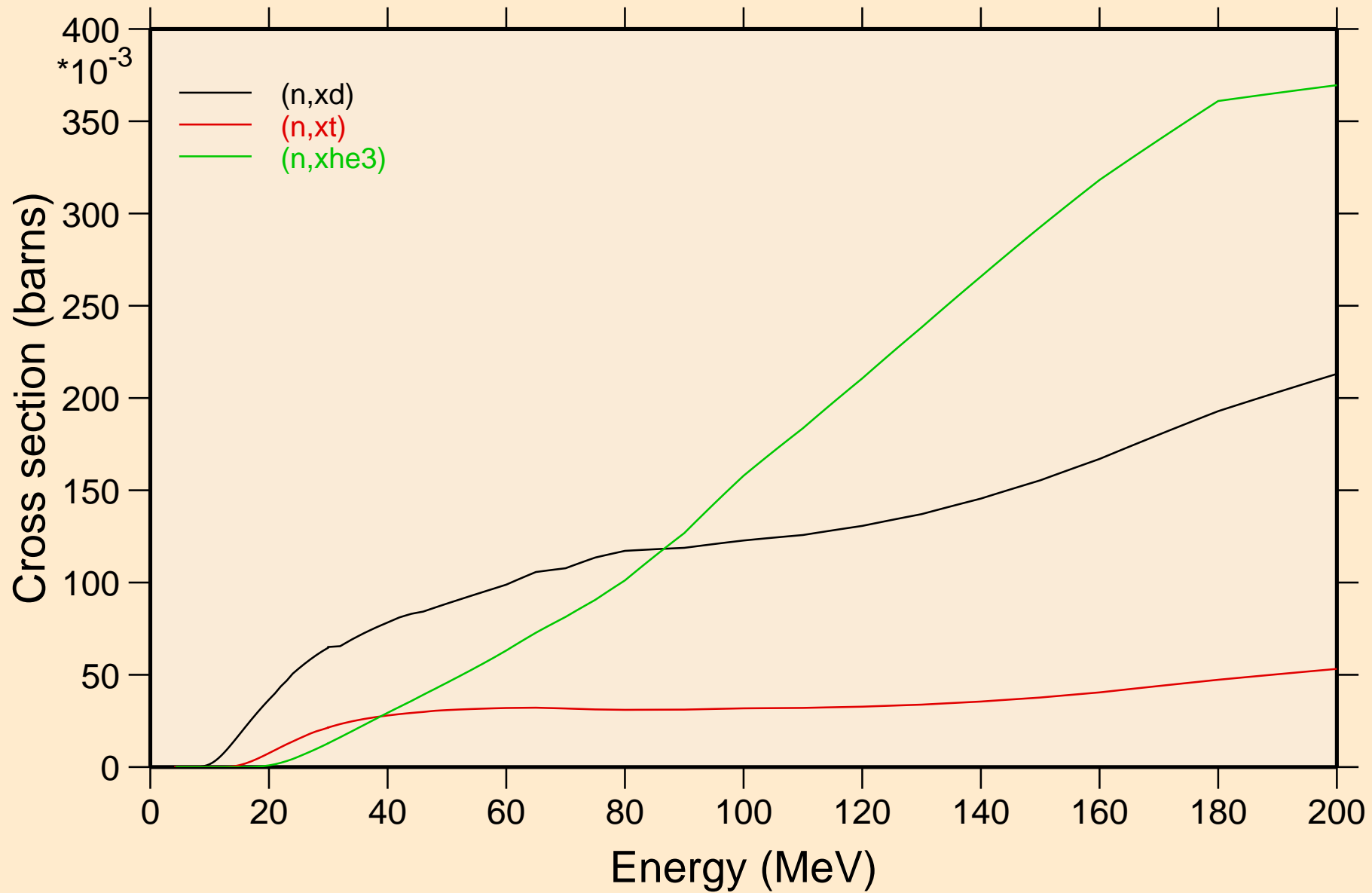
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



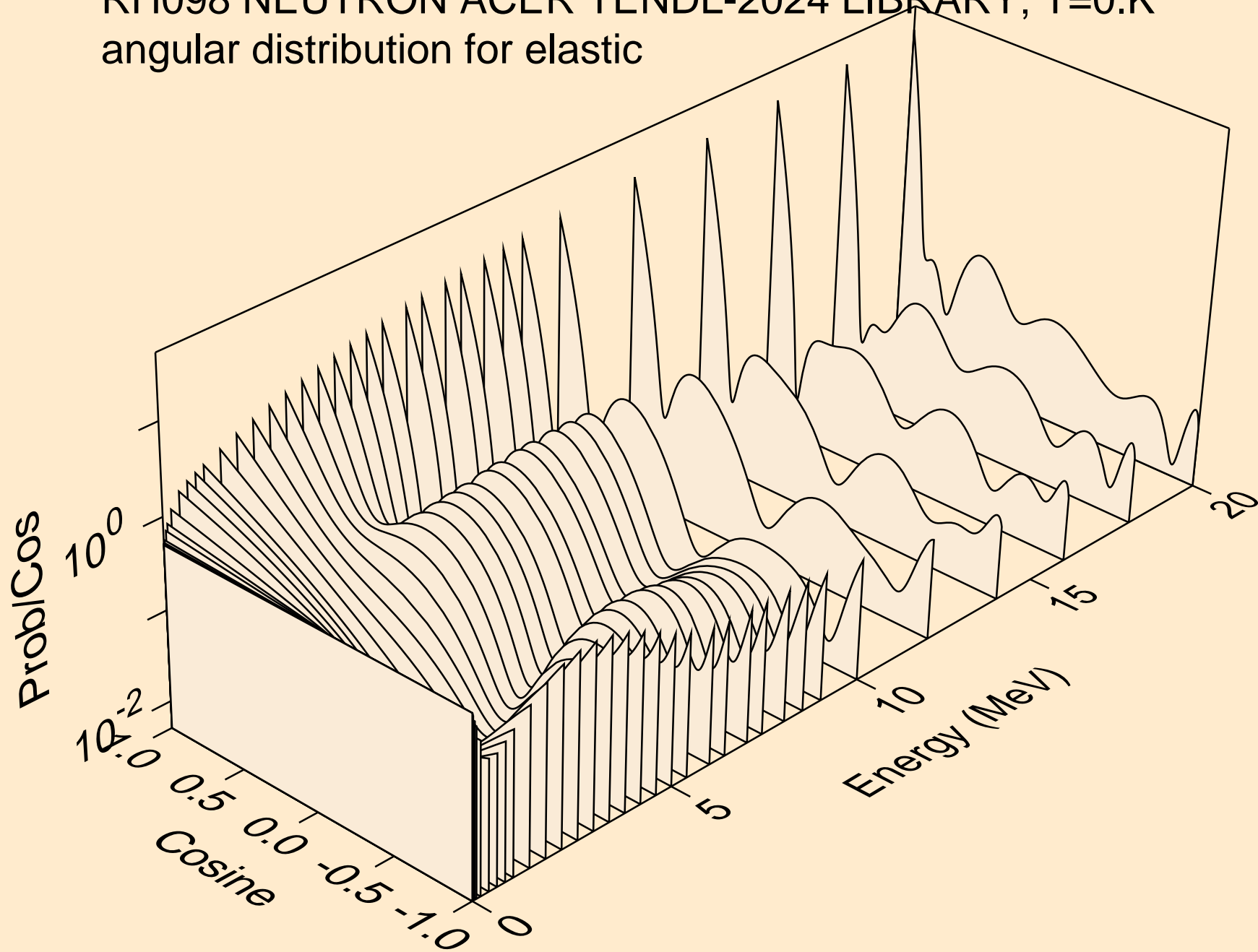
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



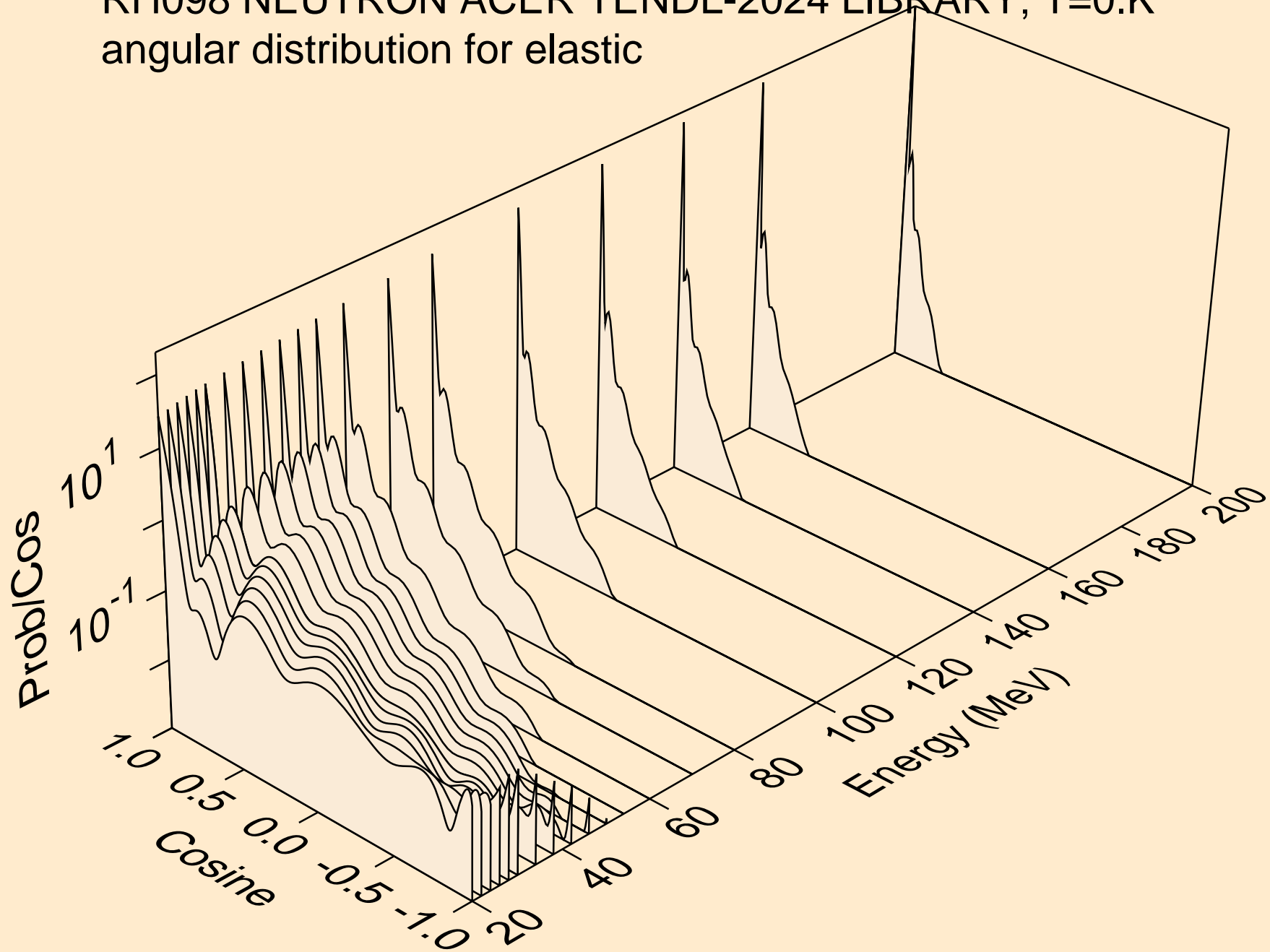
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

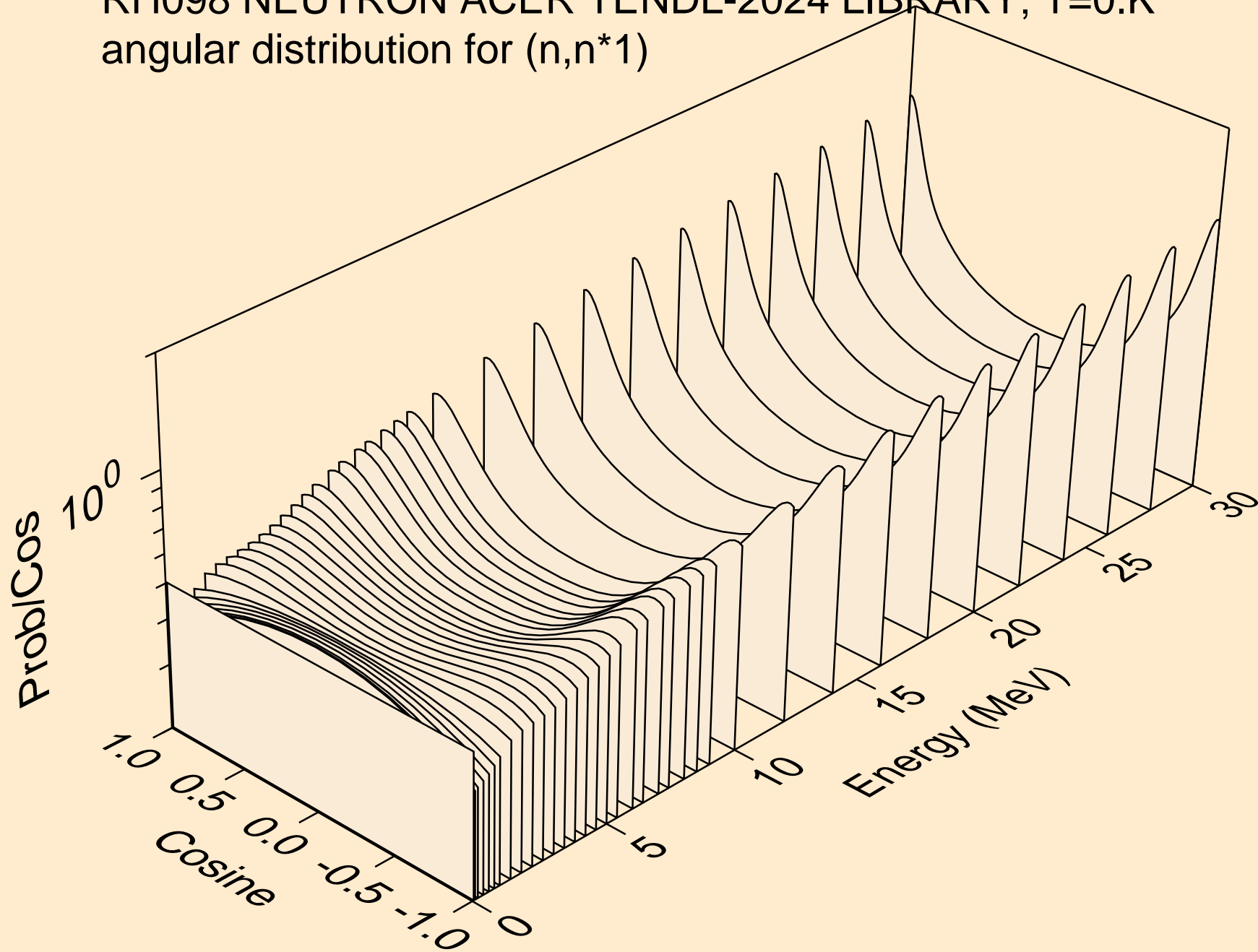


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

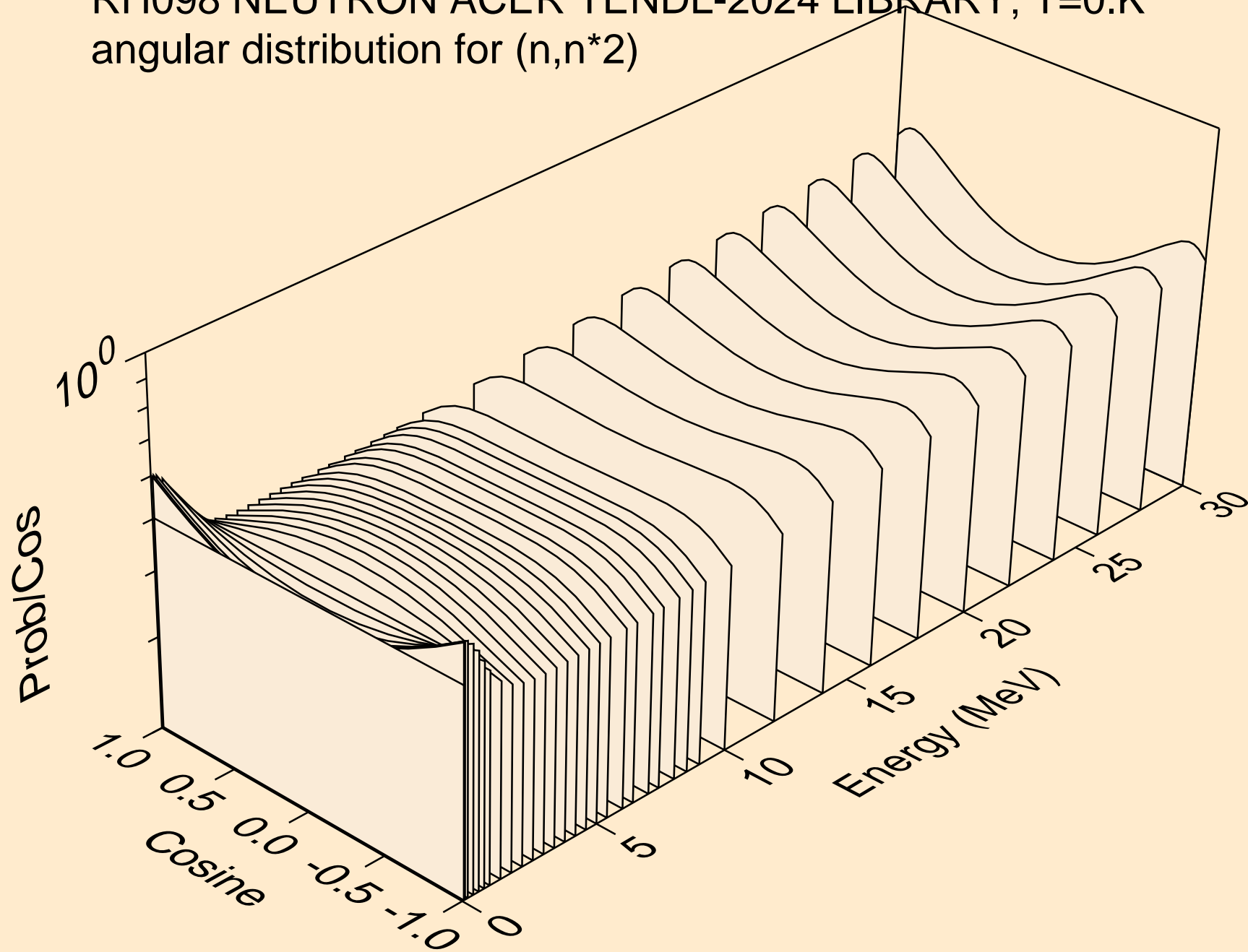




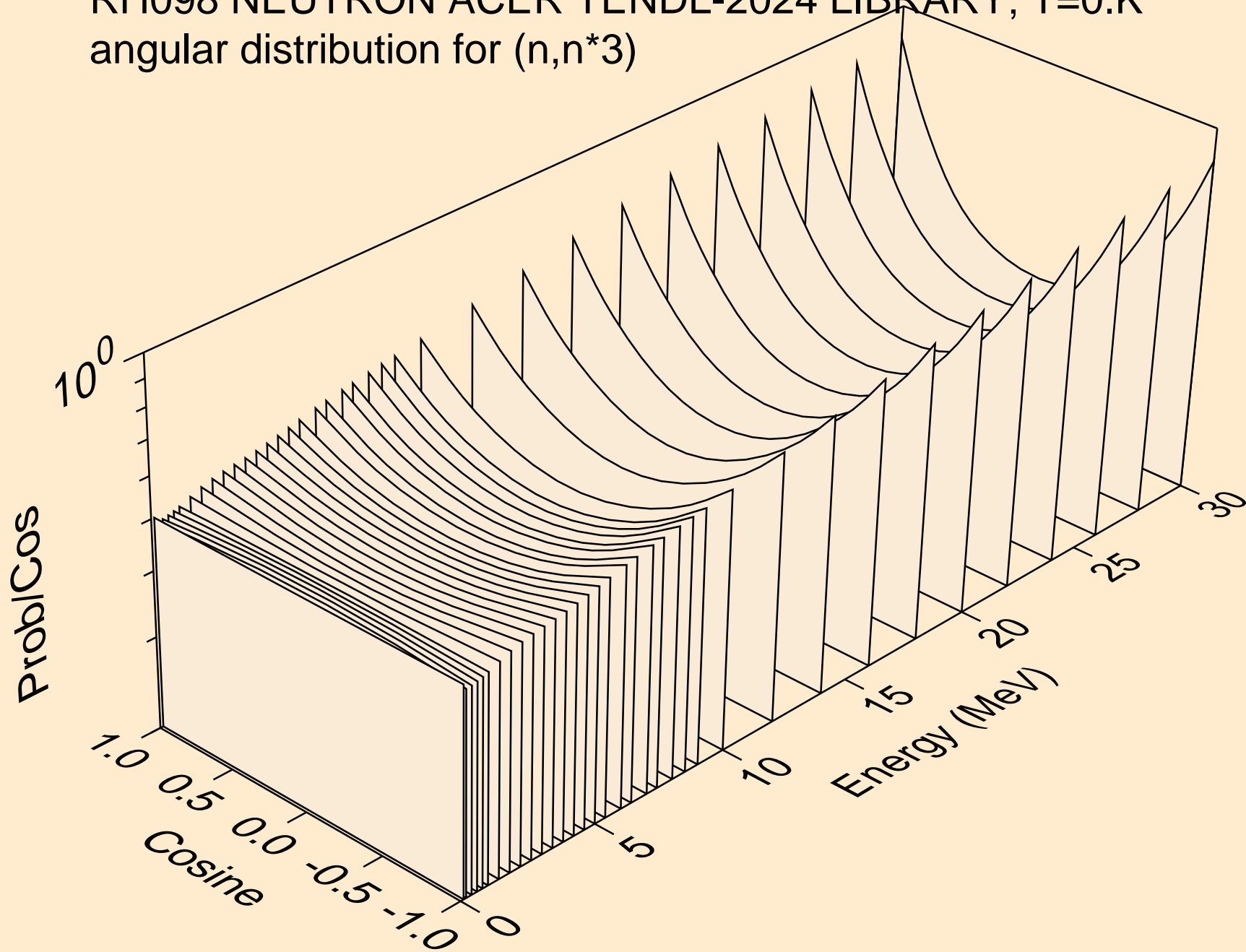
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



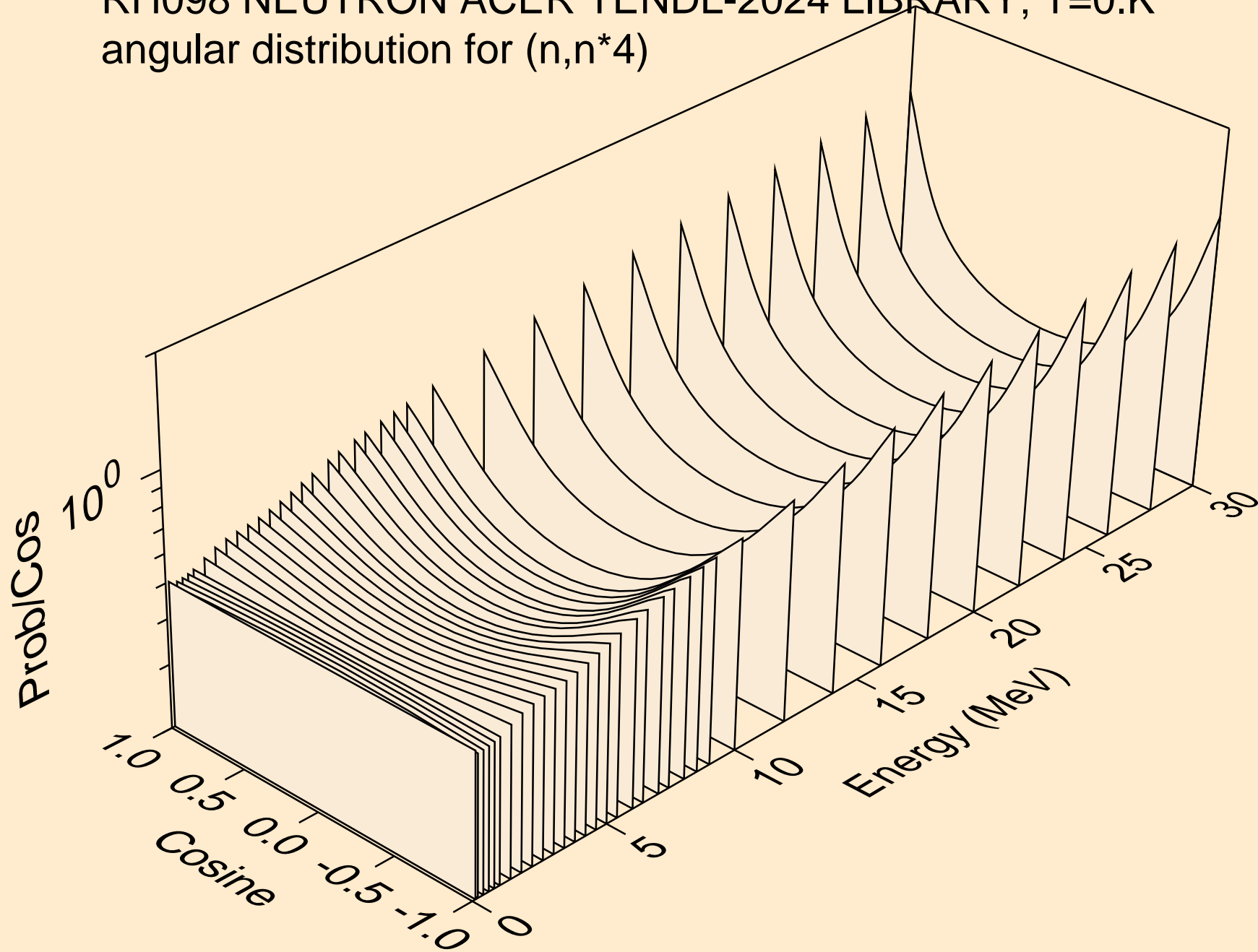
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



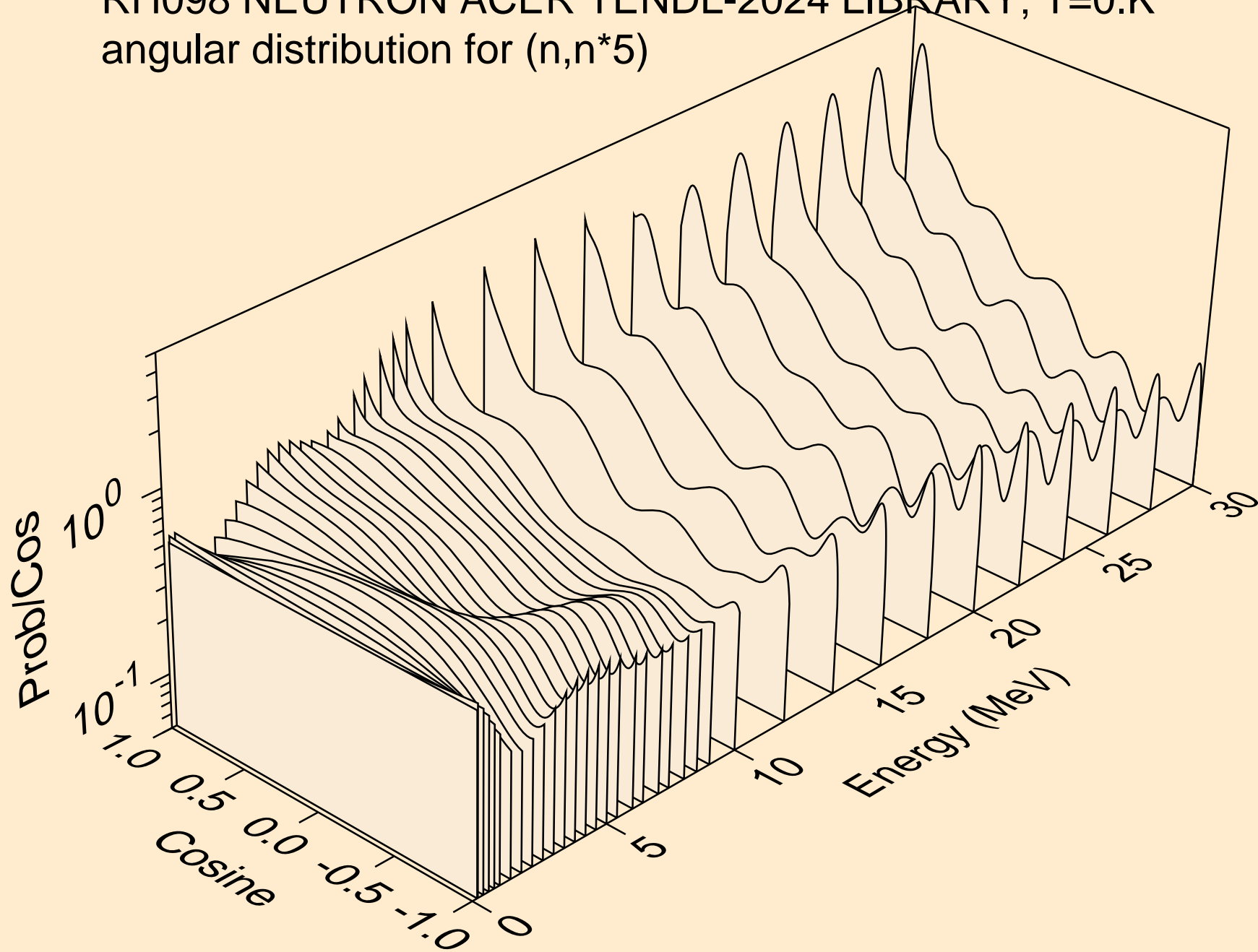
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



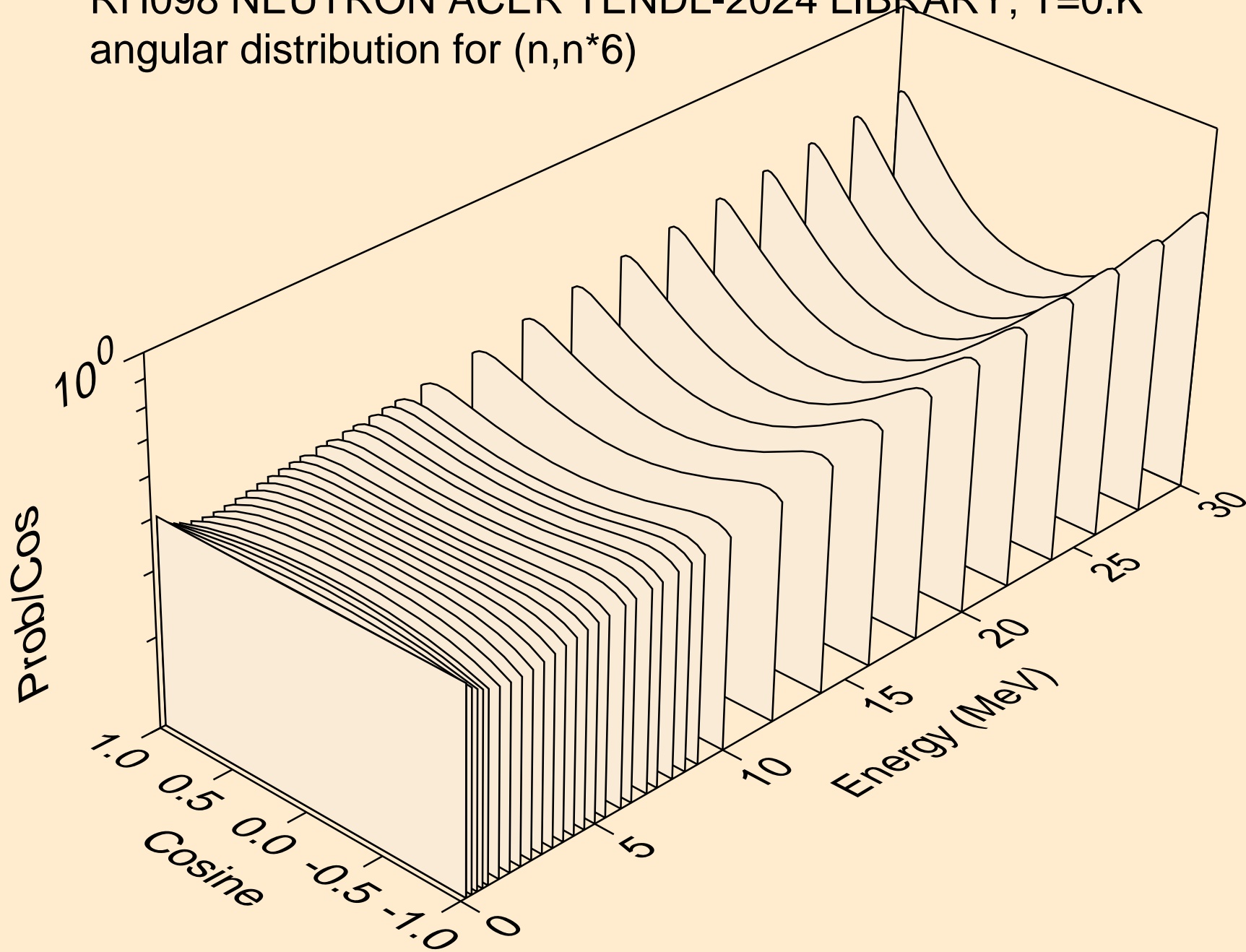
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angular distribution for (n,n\*4)



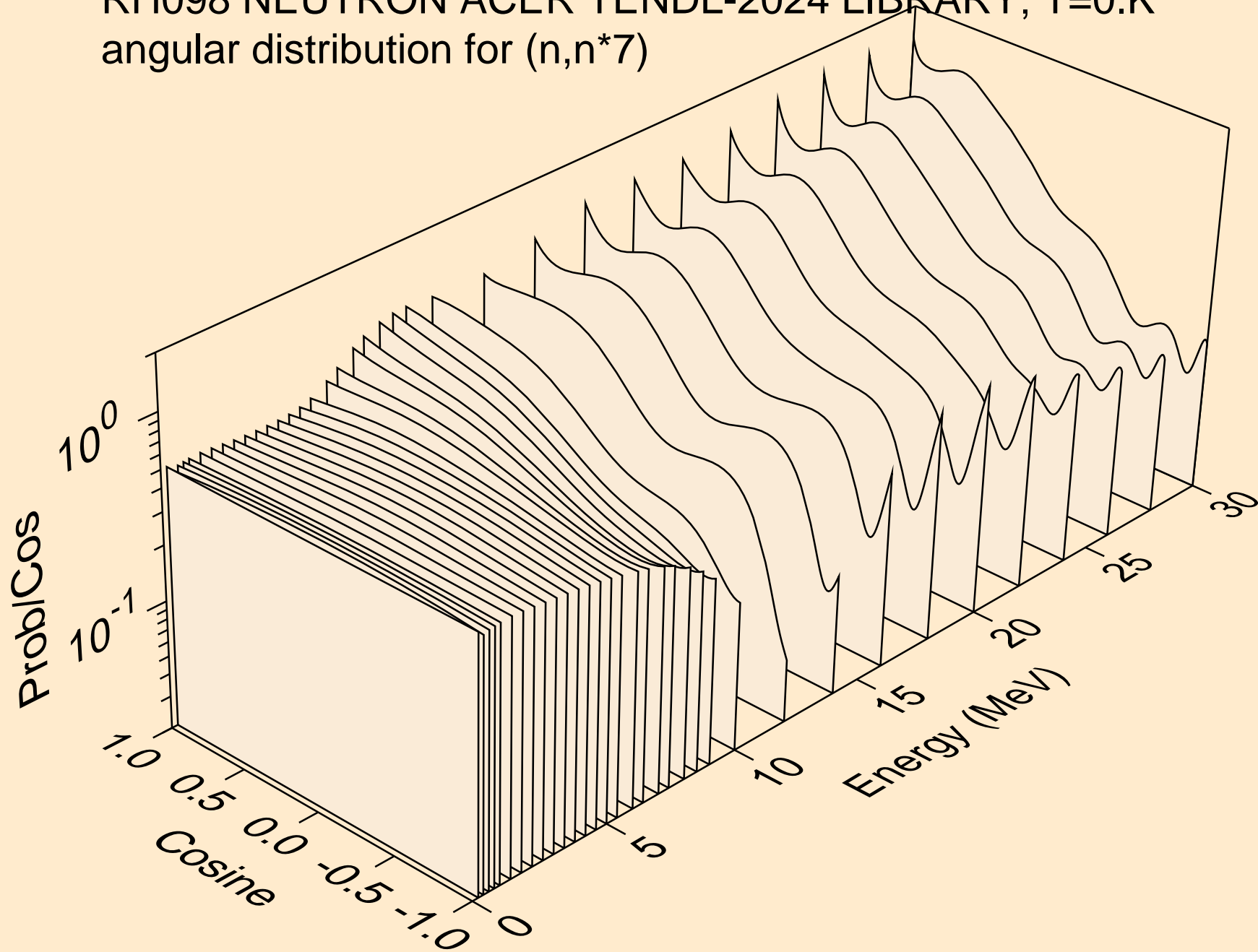
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



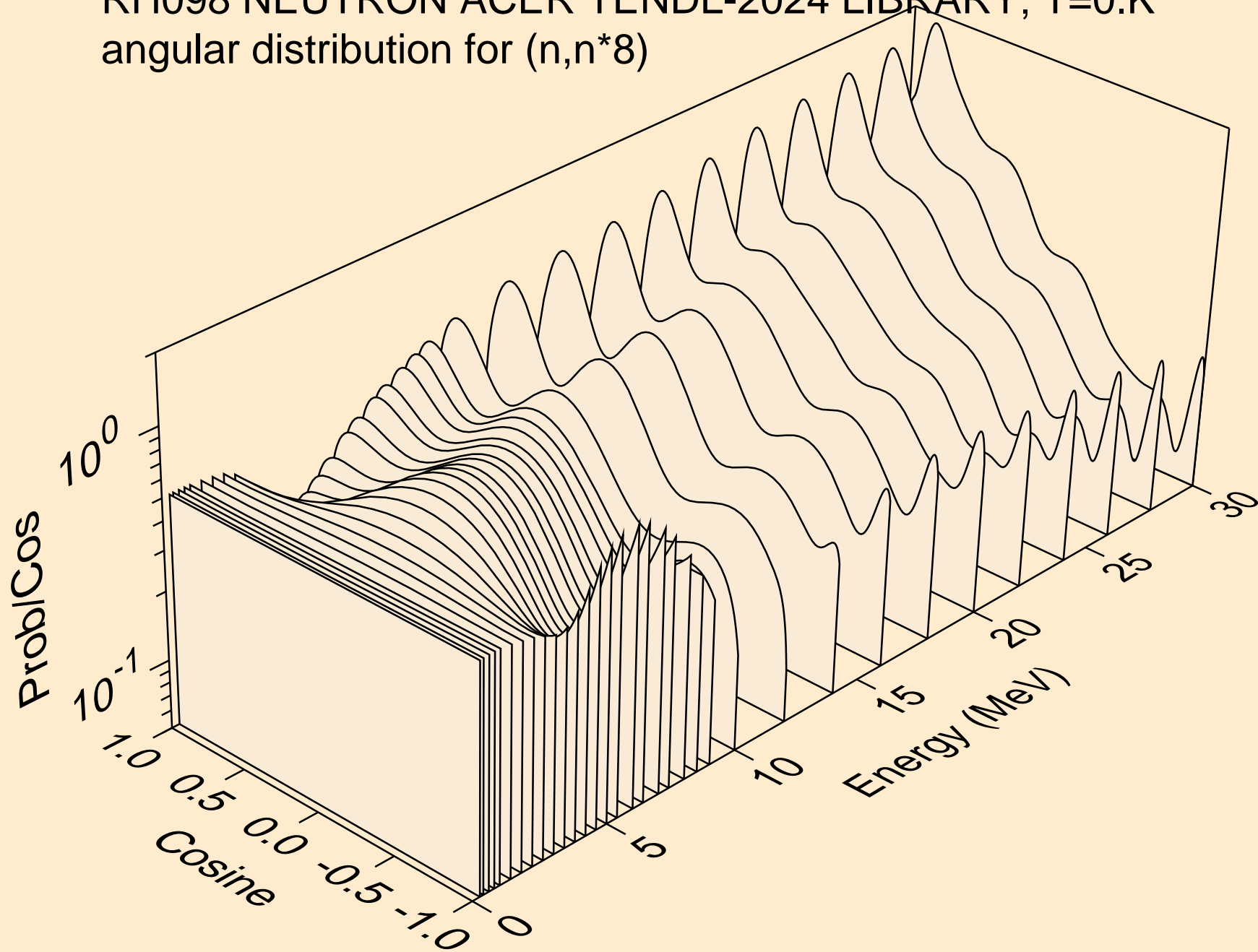
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

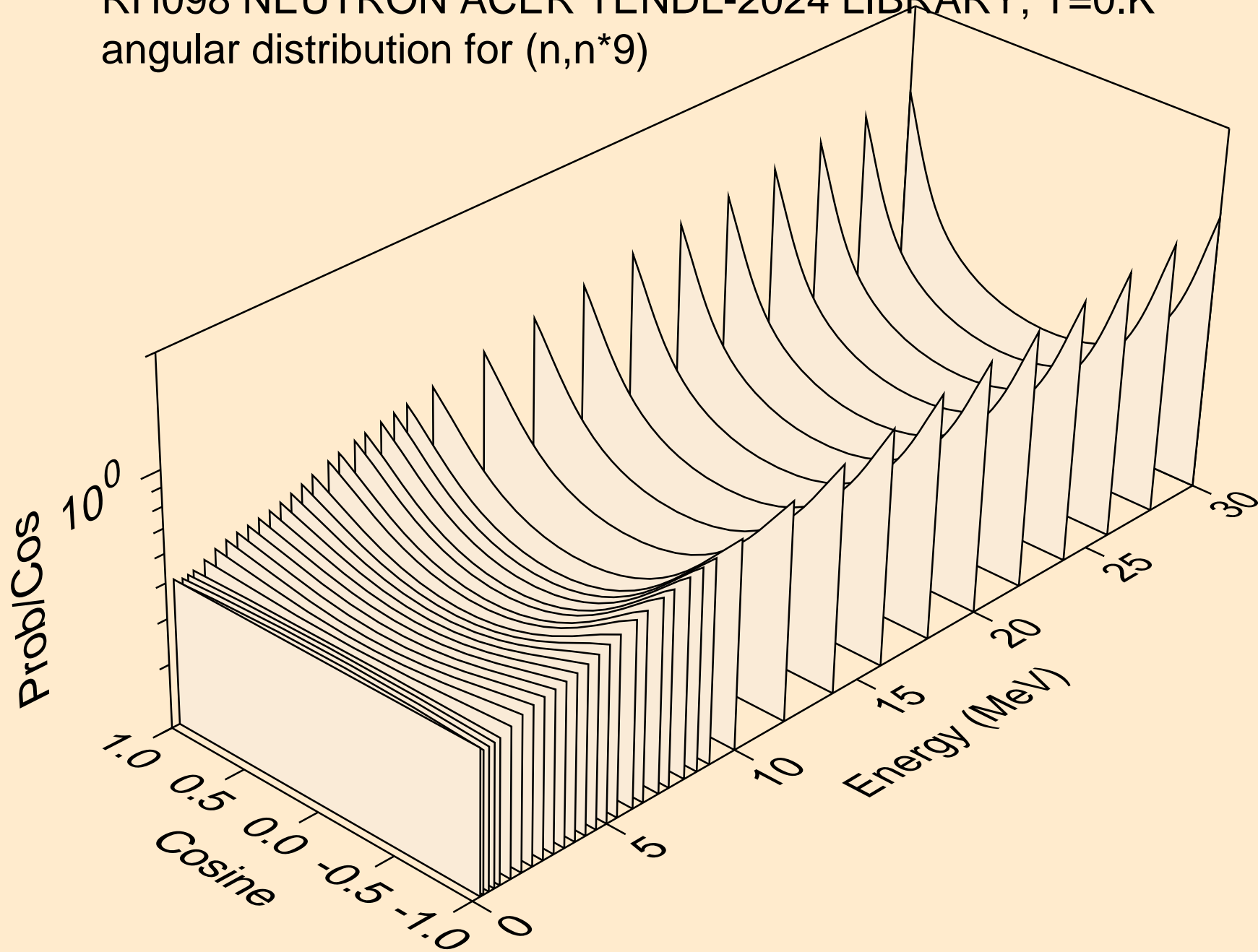


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

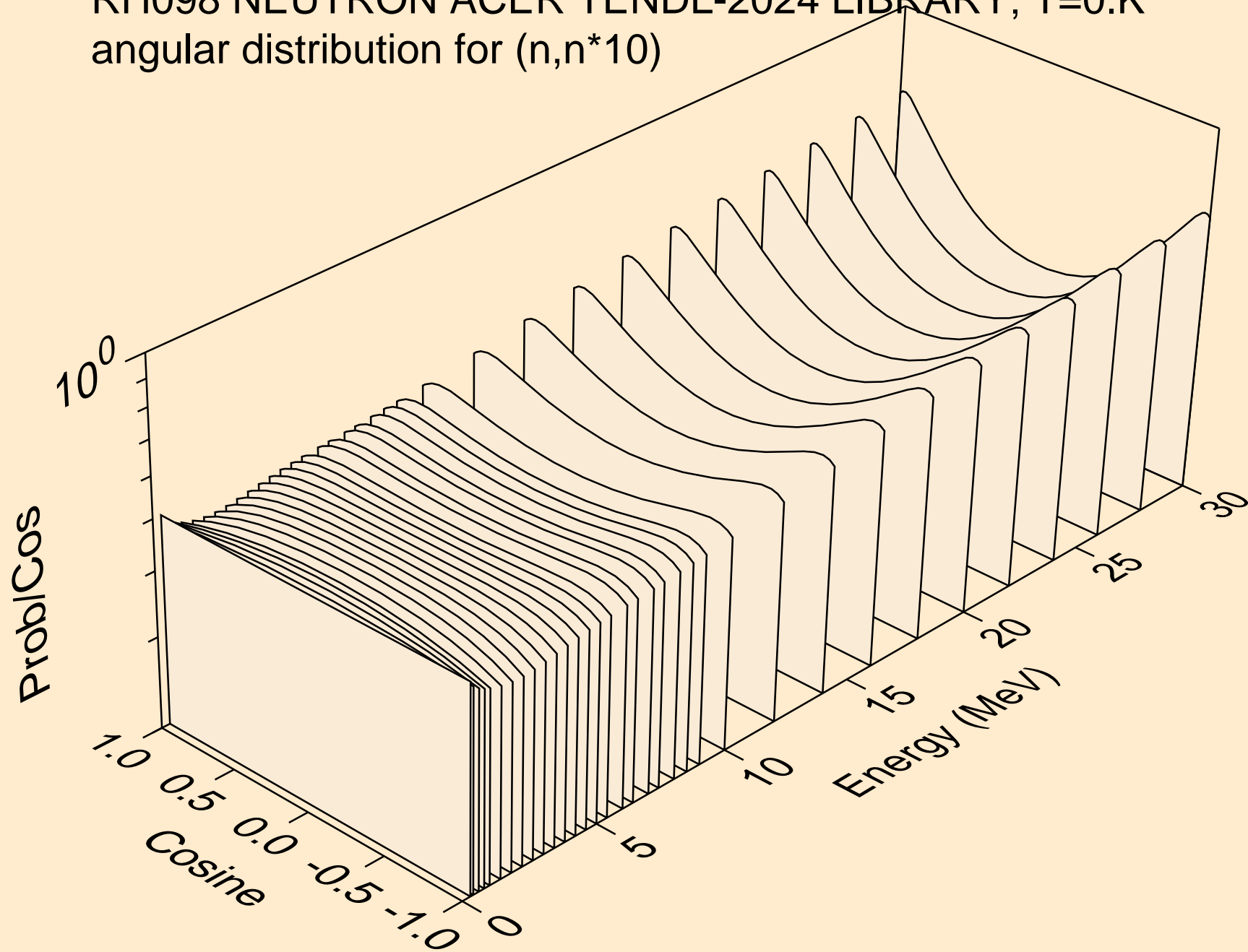




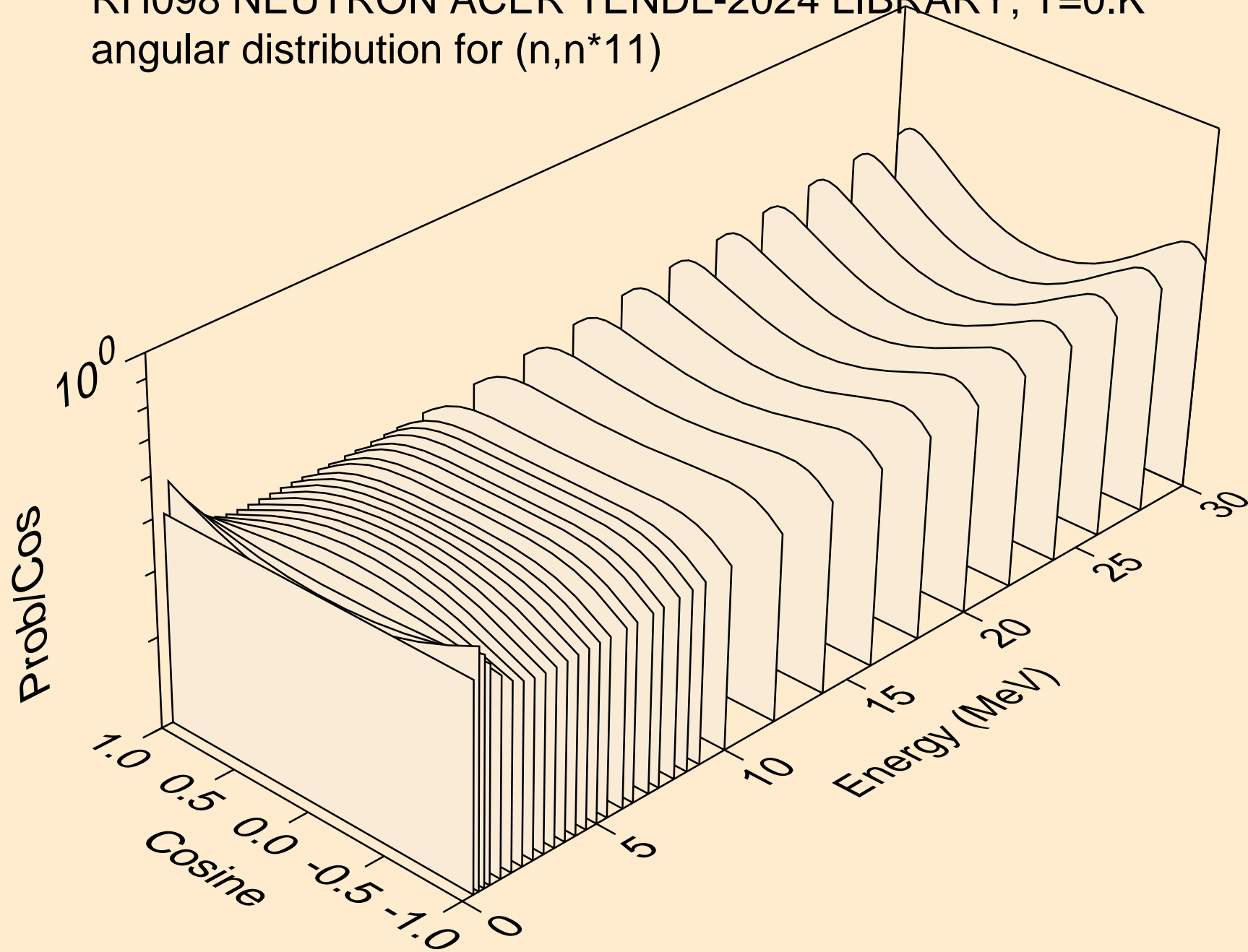
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



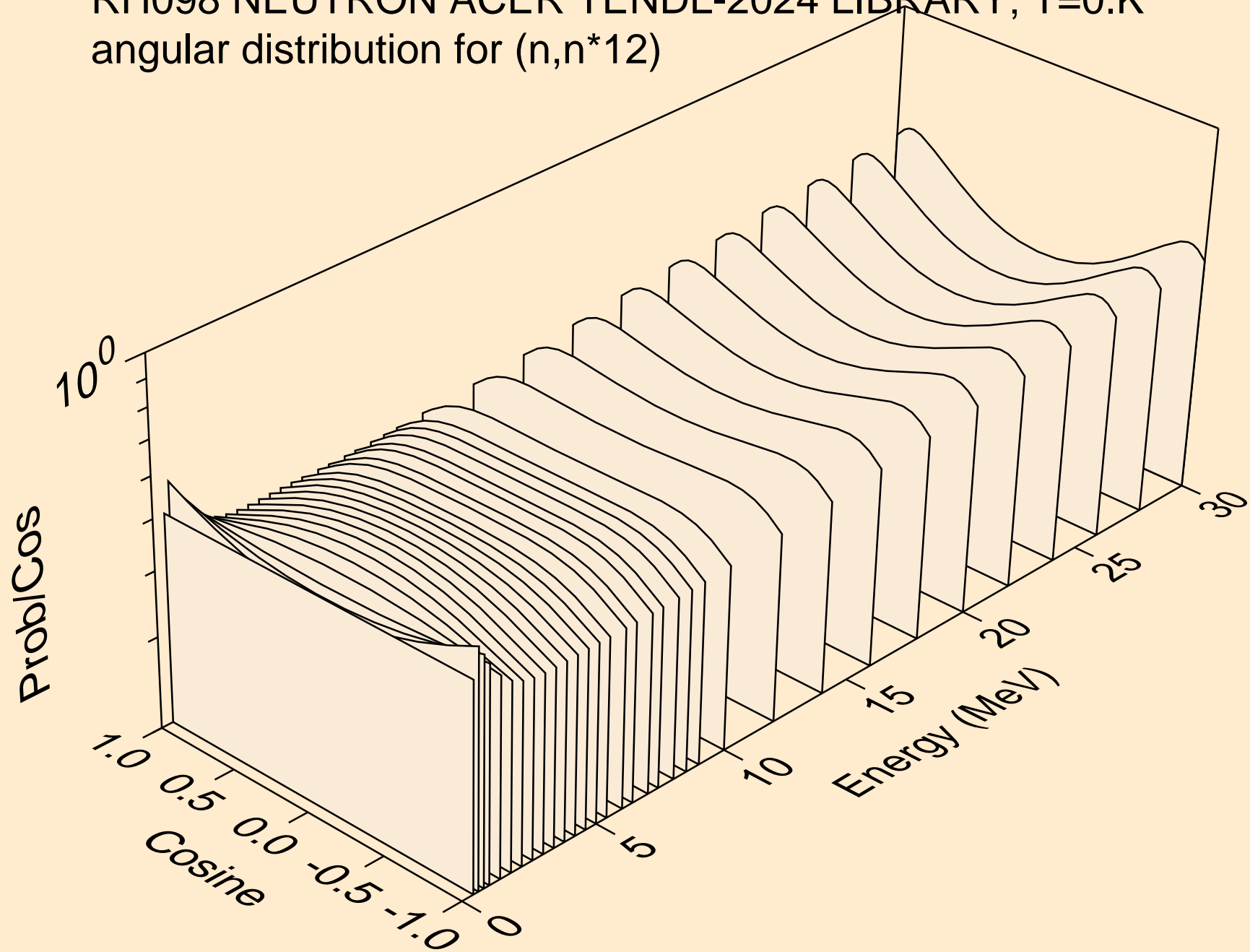
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



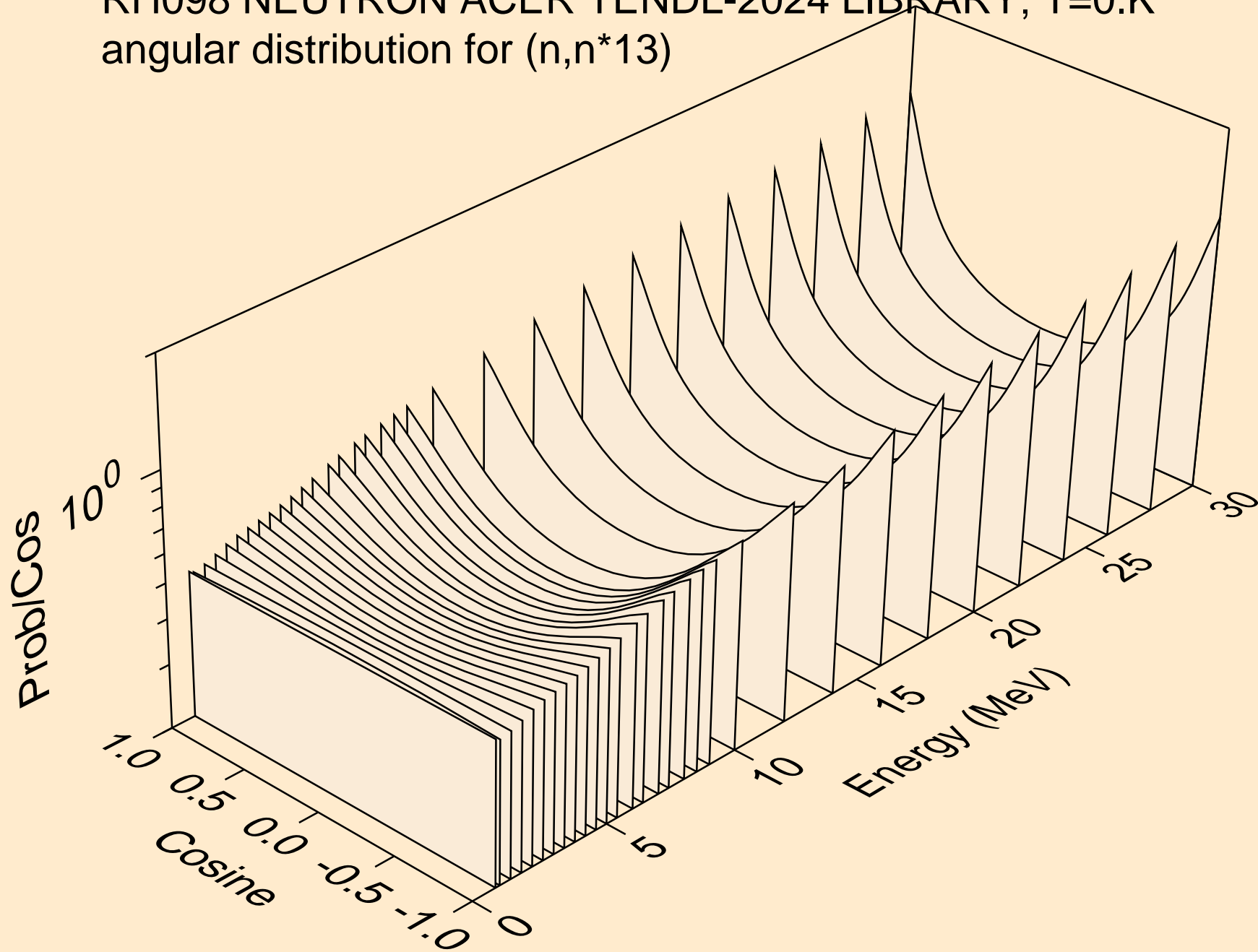
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angular distribution for (n,n\*11)



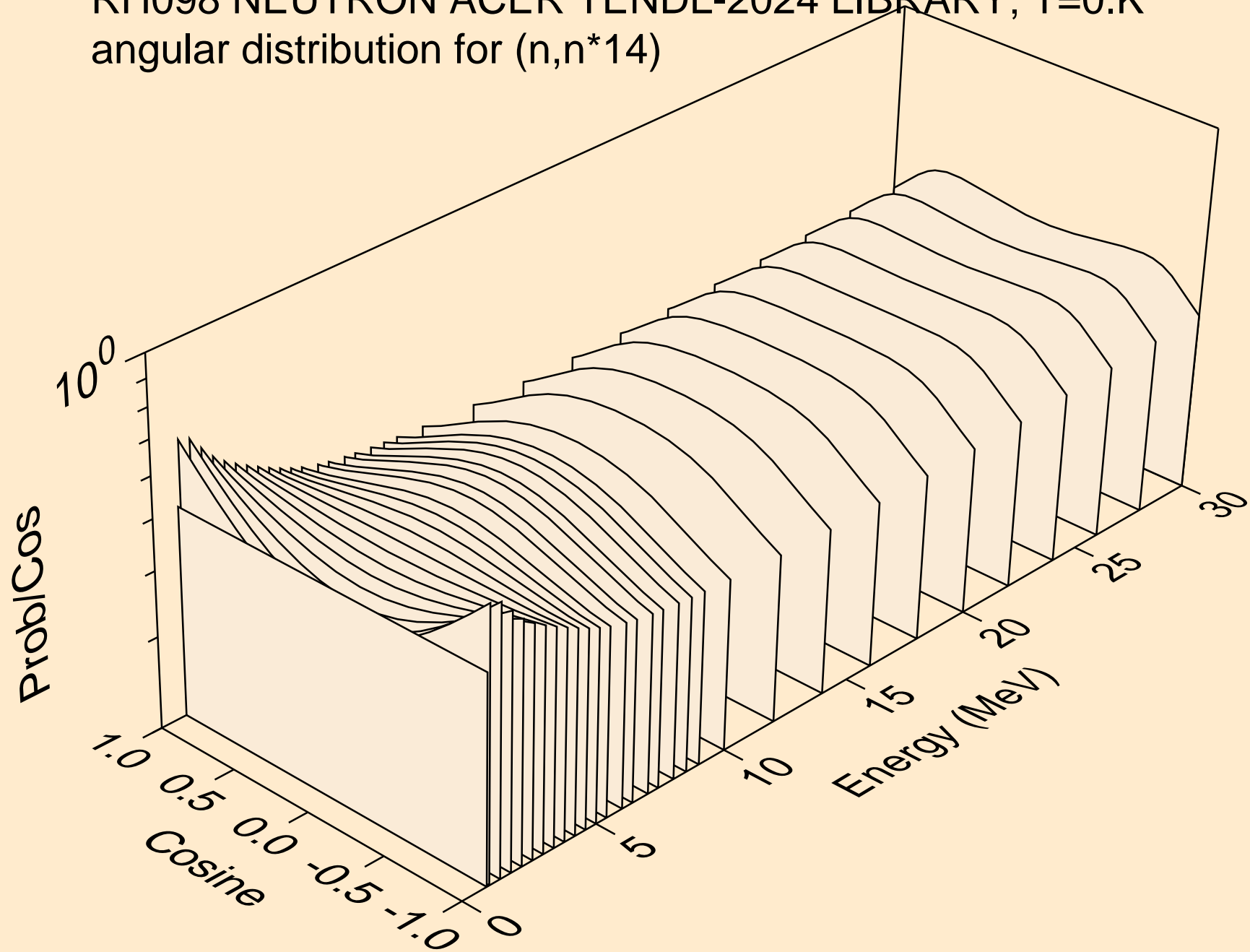
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angular distribution for (n,n\*12)



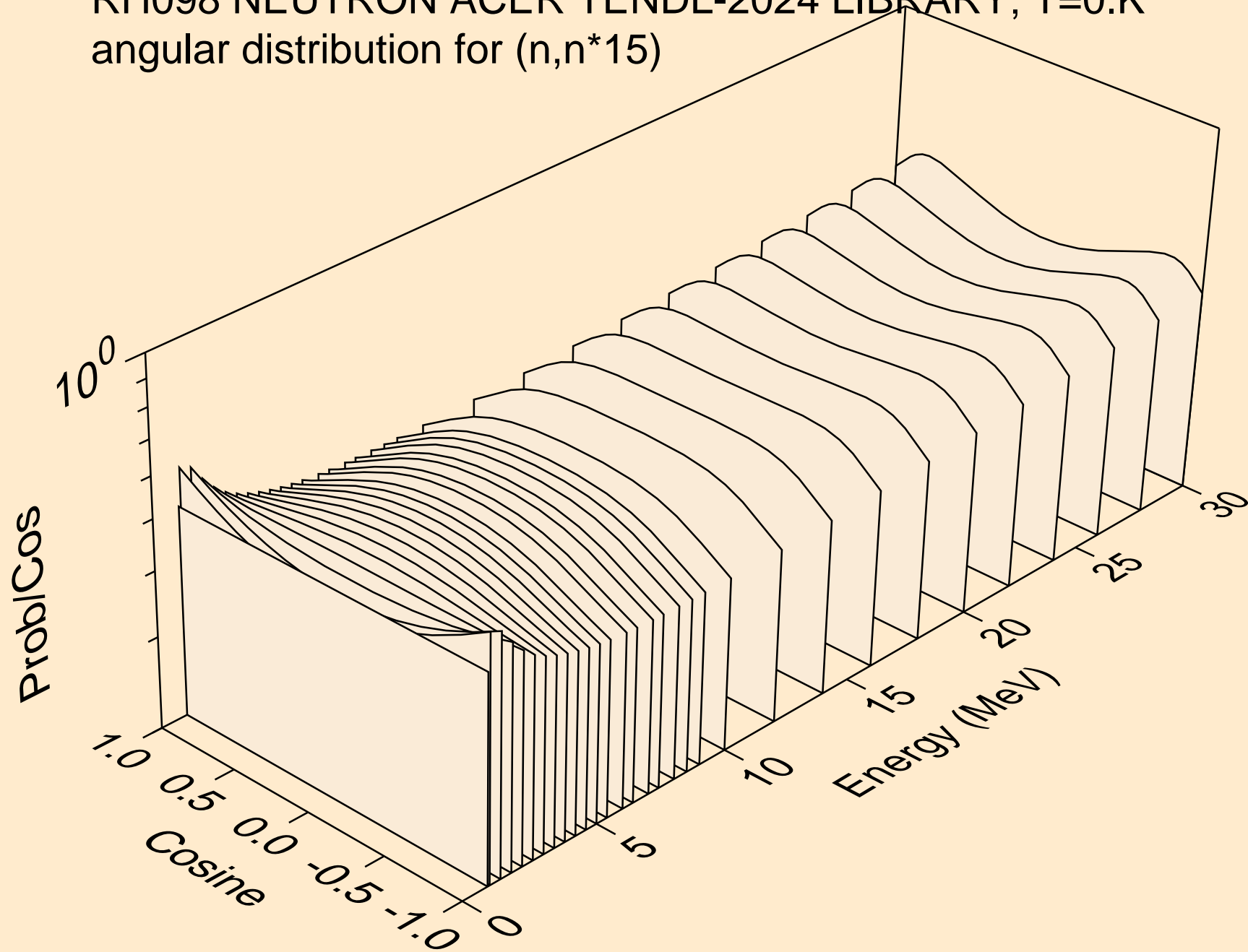
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angular distribution for (n,n\*13)



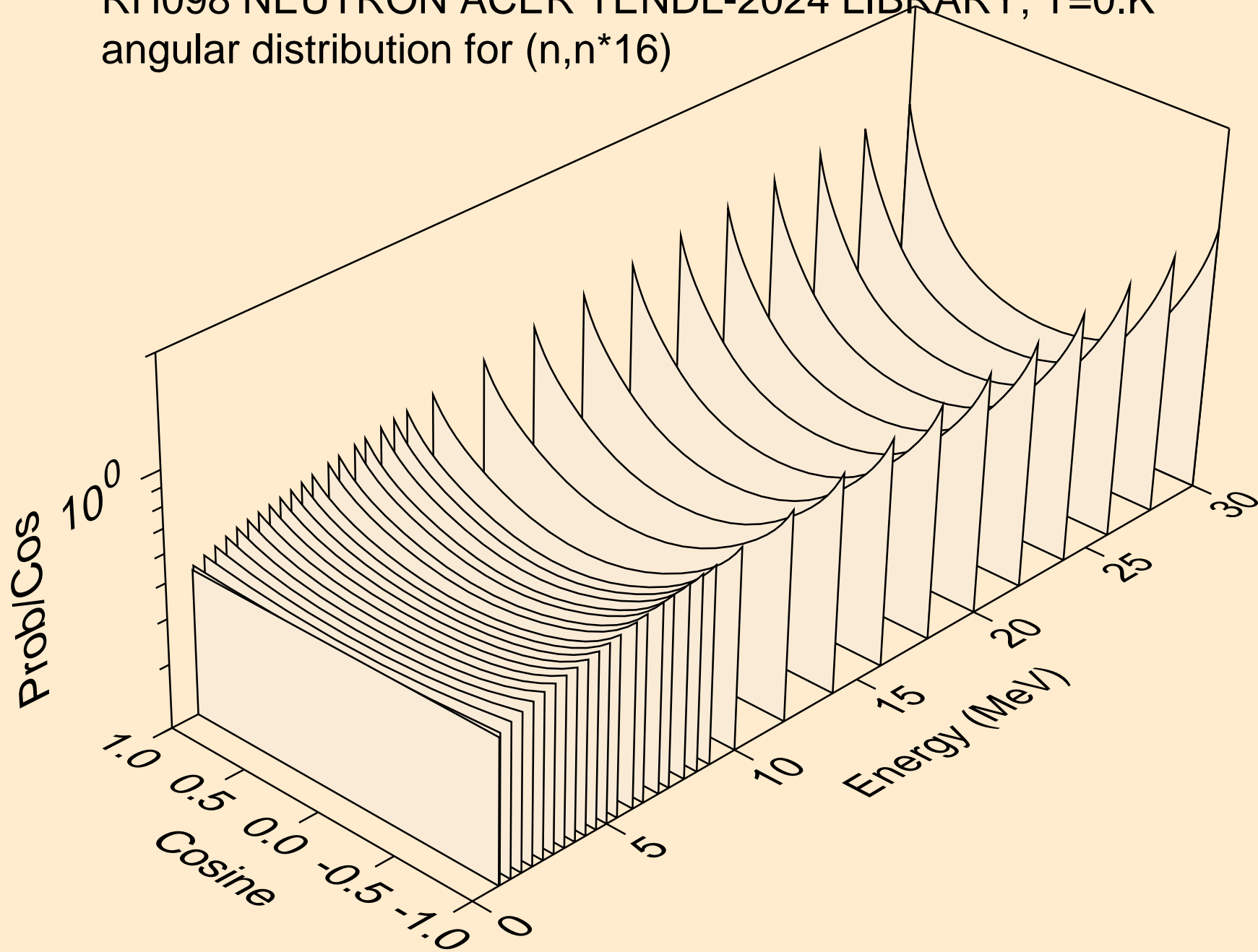
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

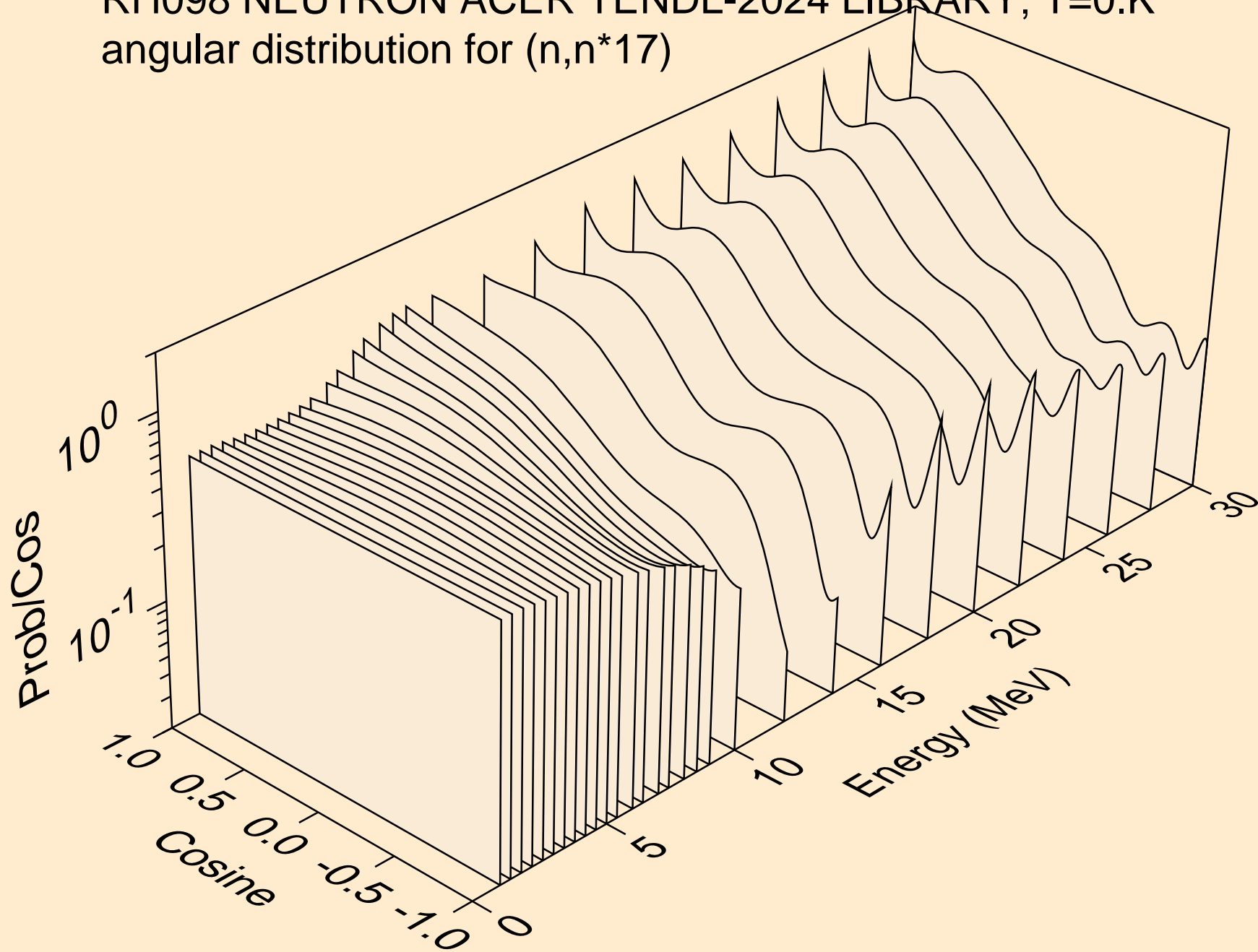


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

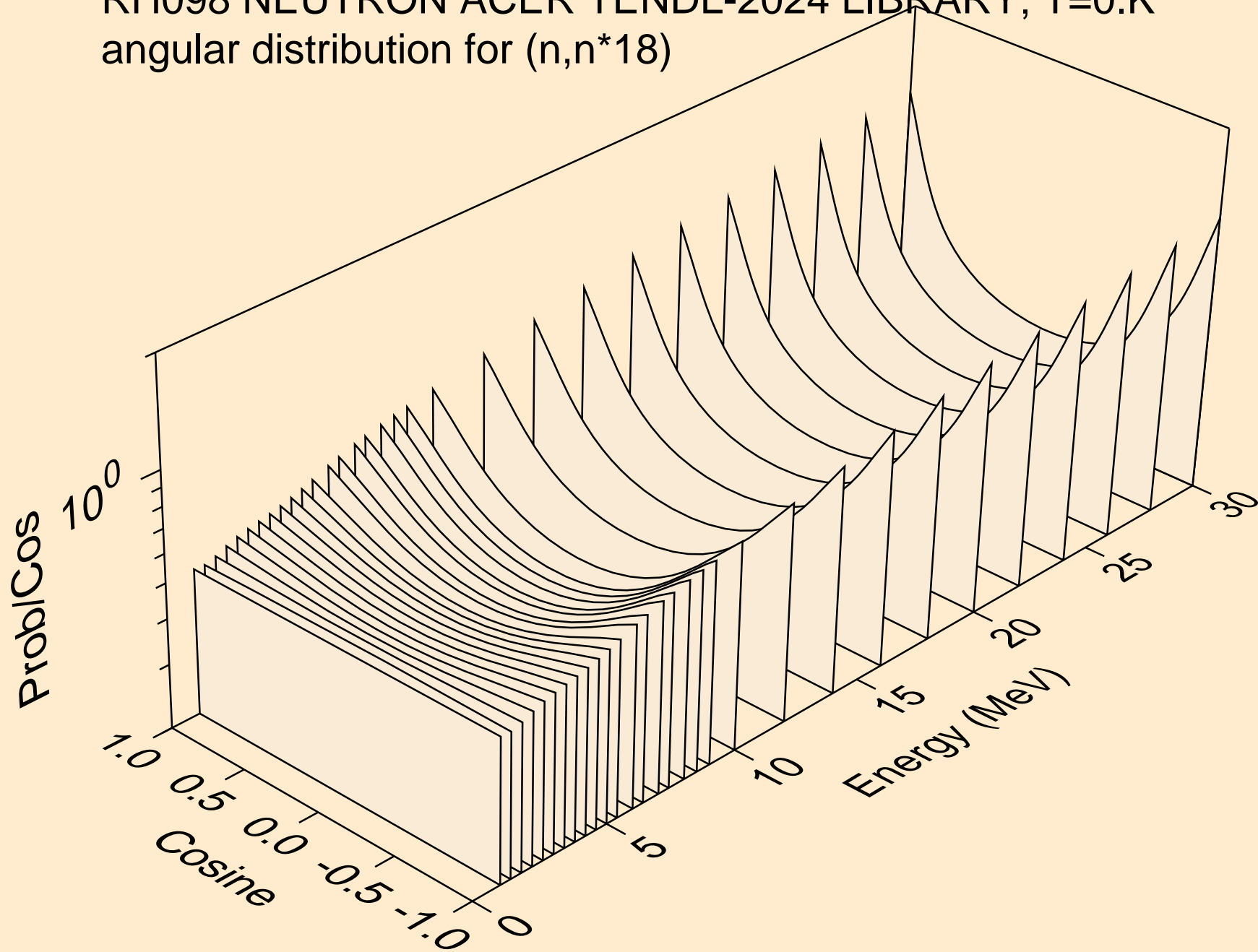




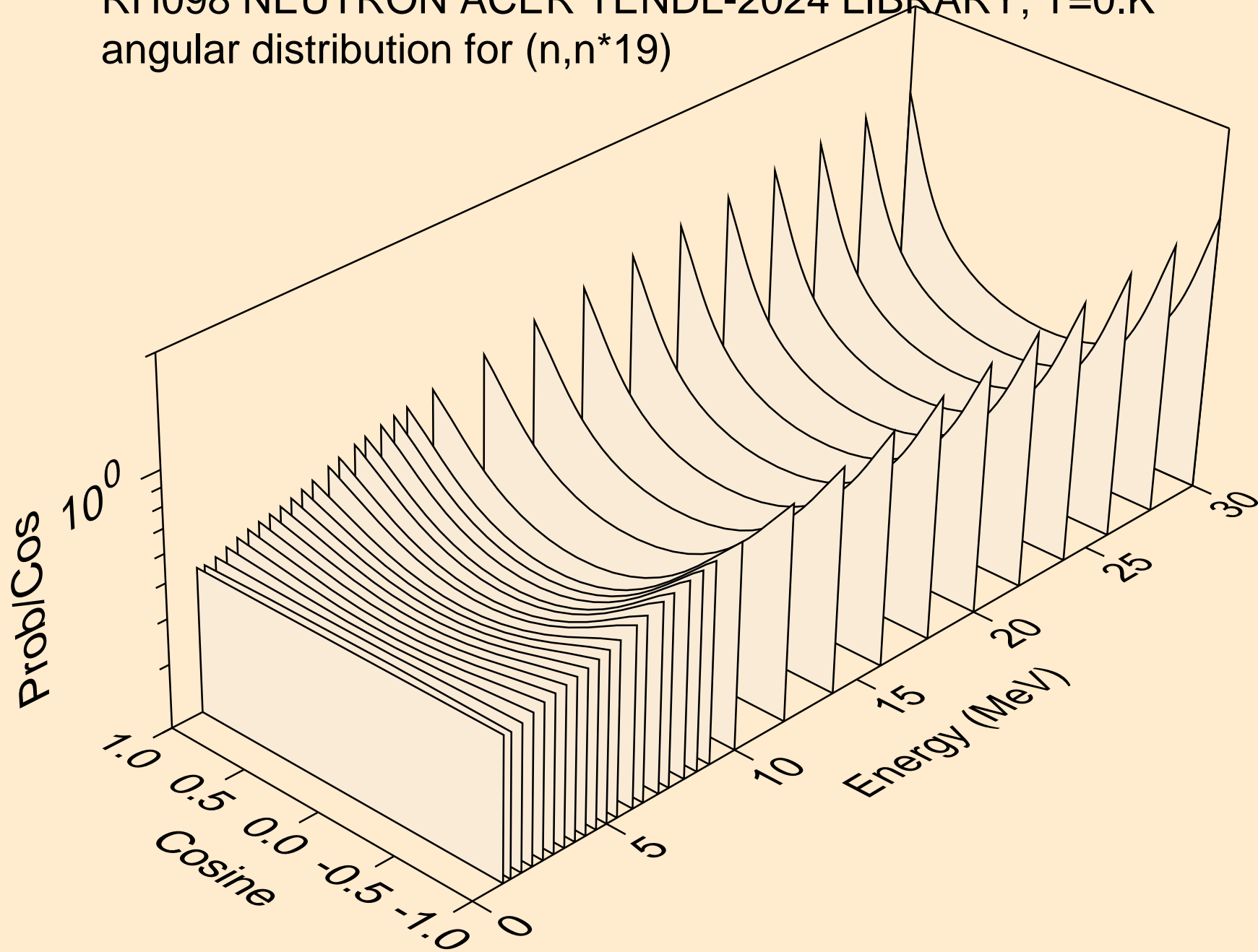
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angular distribution for (n,n\*17)



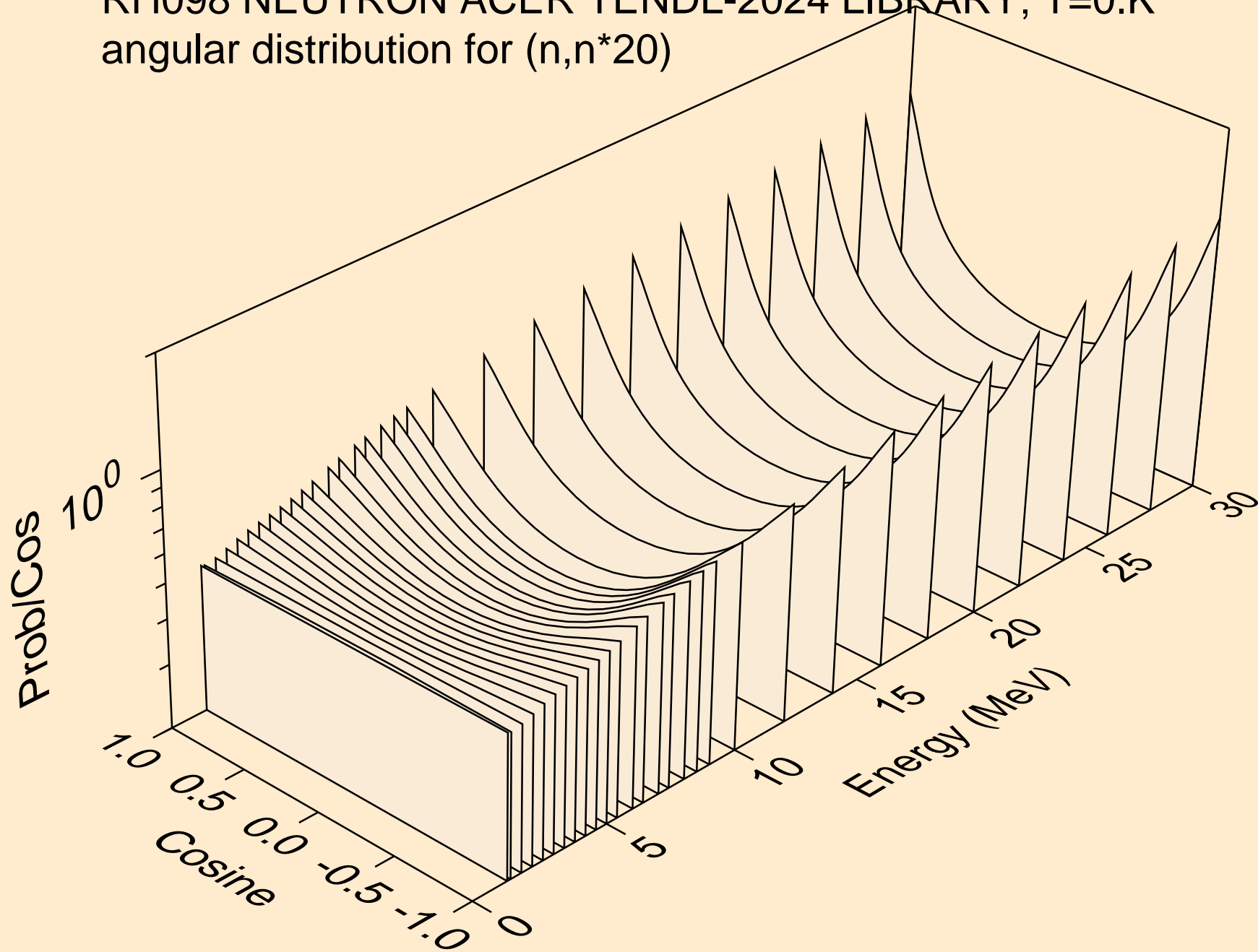
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angular distribution for (n,n\*18)



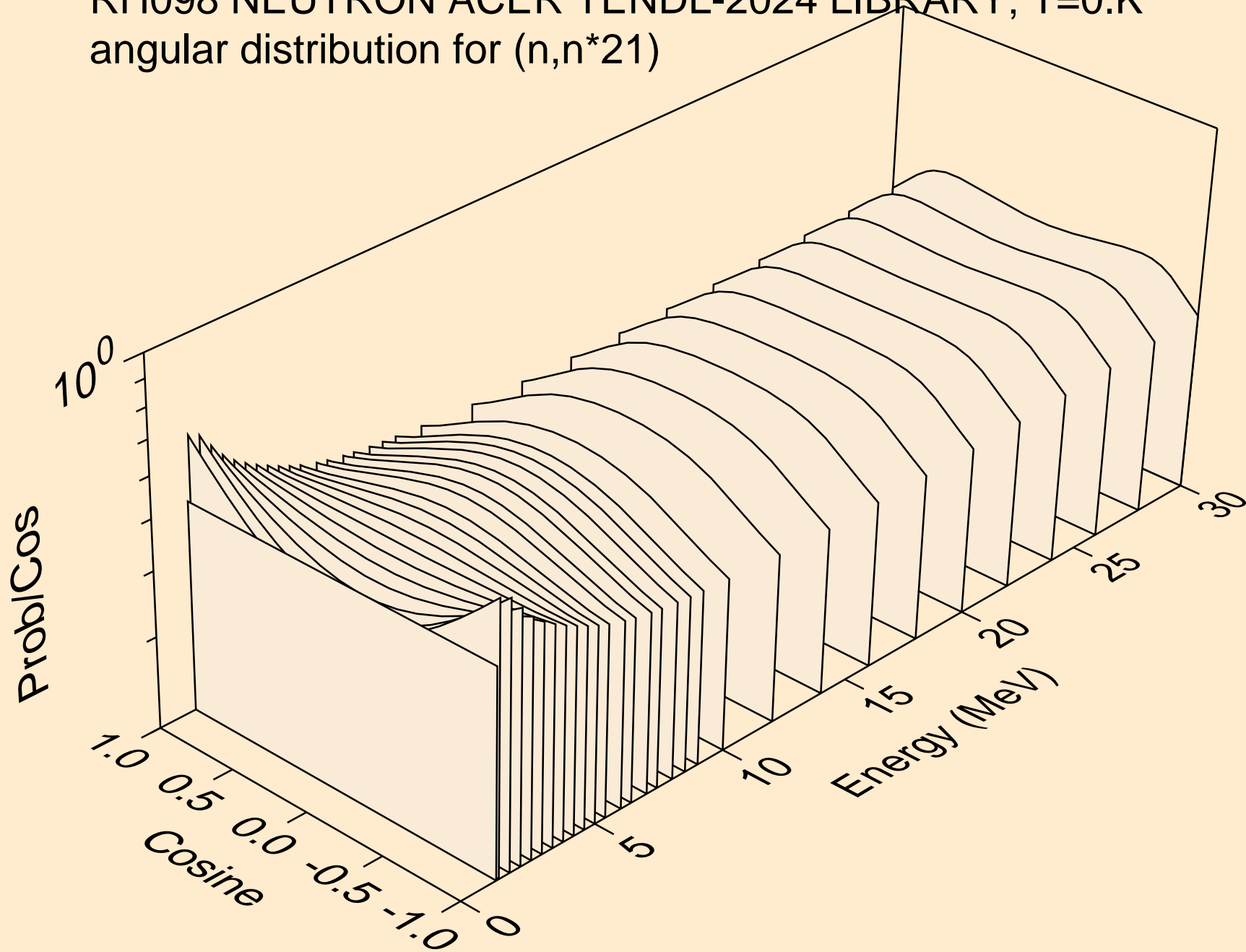
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angular distribution for (n,n\*19)



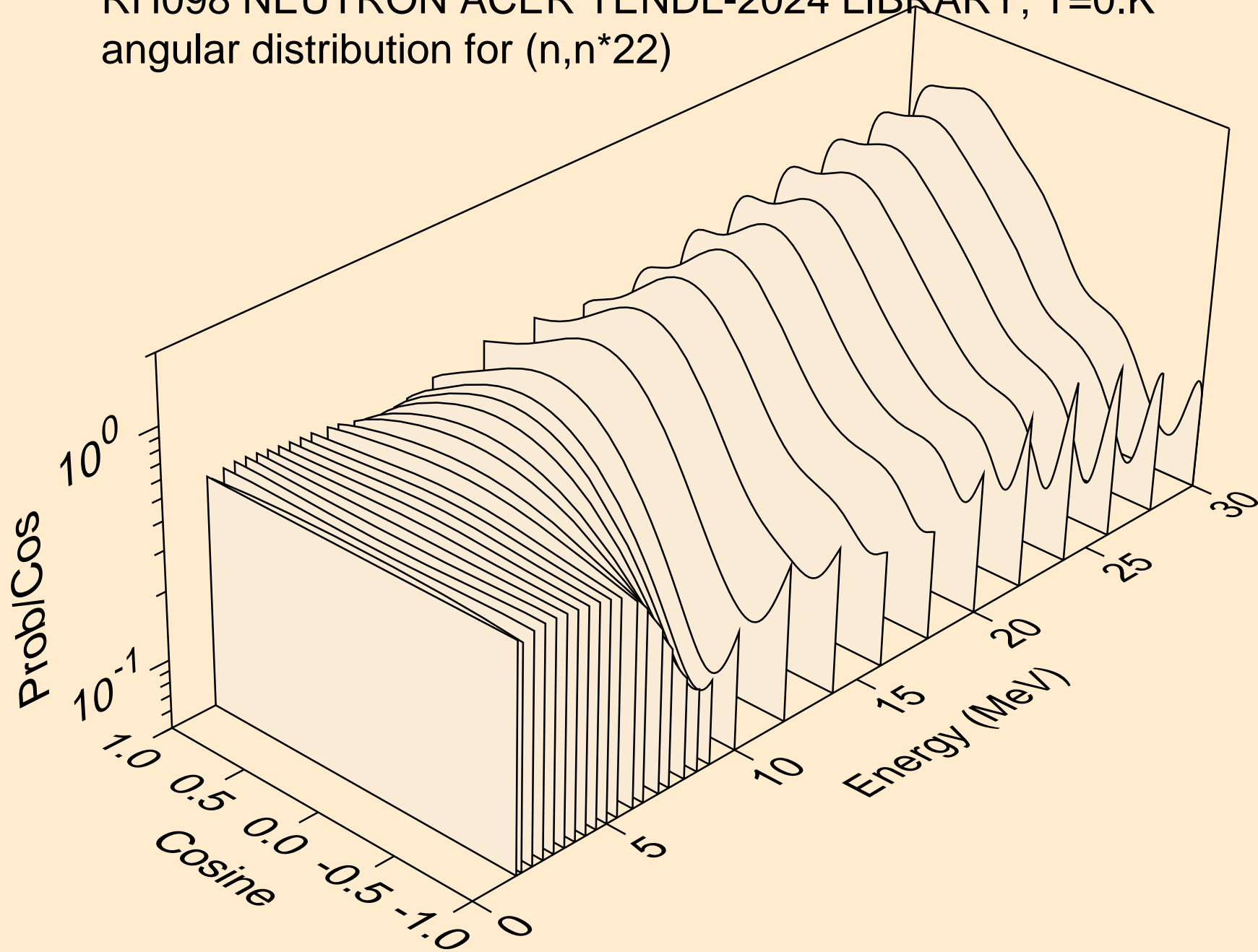
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angular distribution for (n,n\*20)



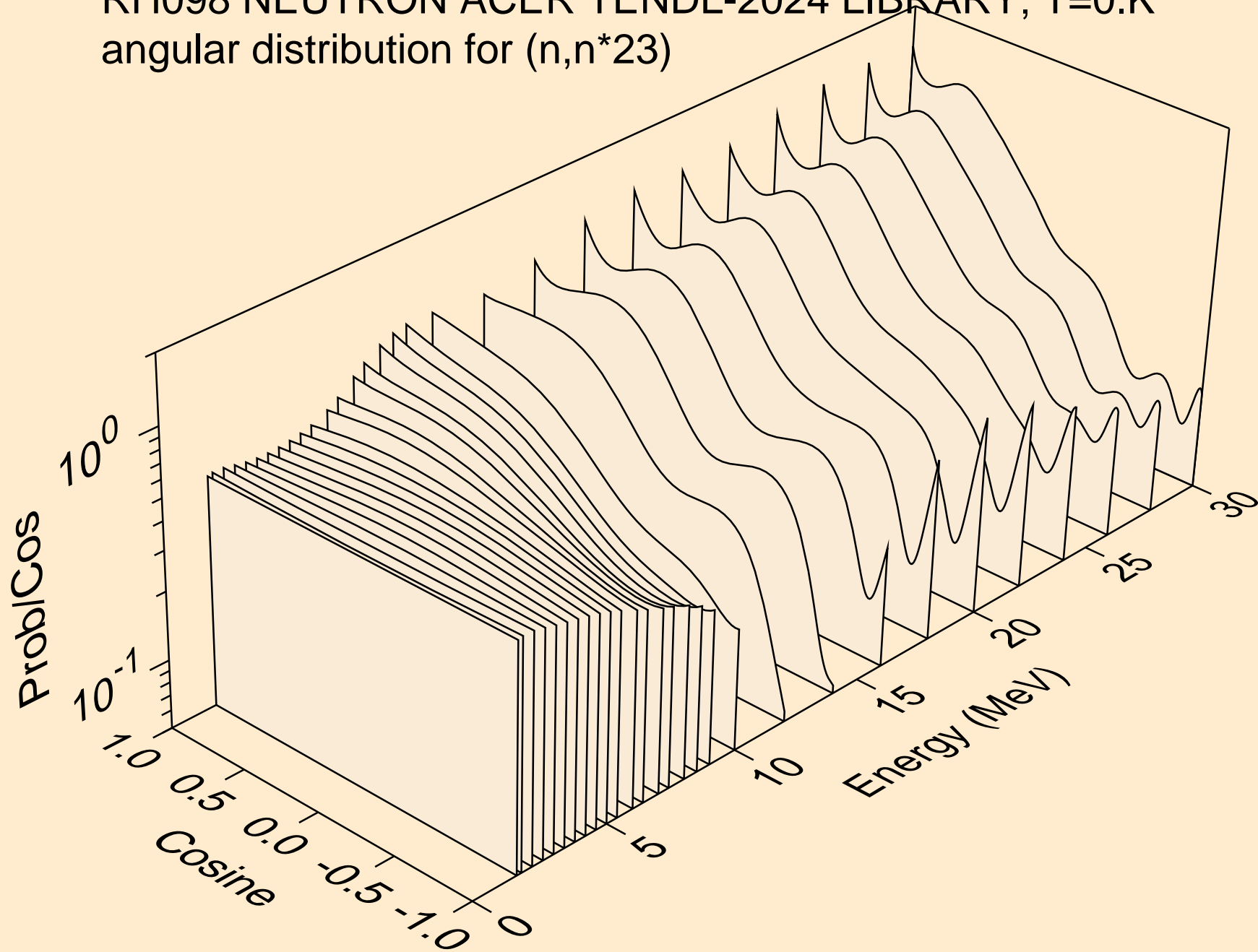
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angular distribution for (n,n\*21)



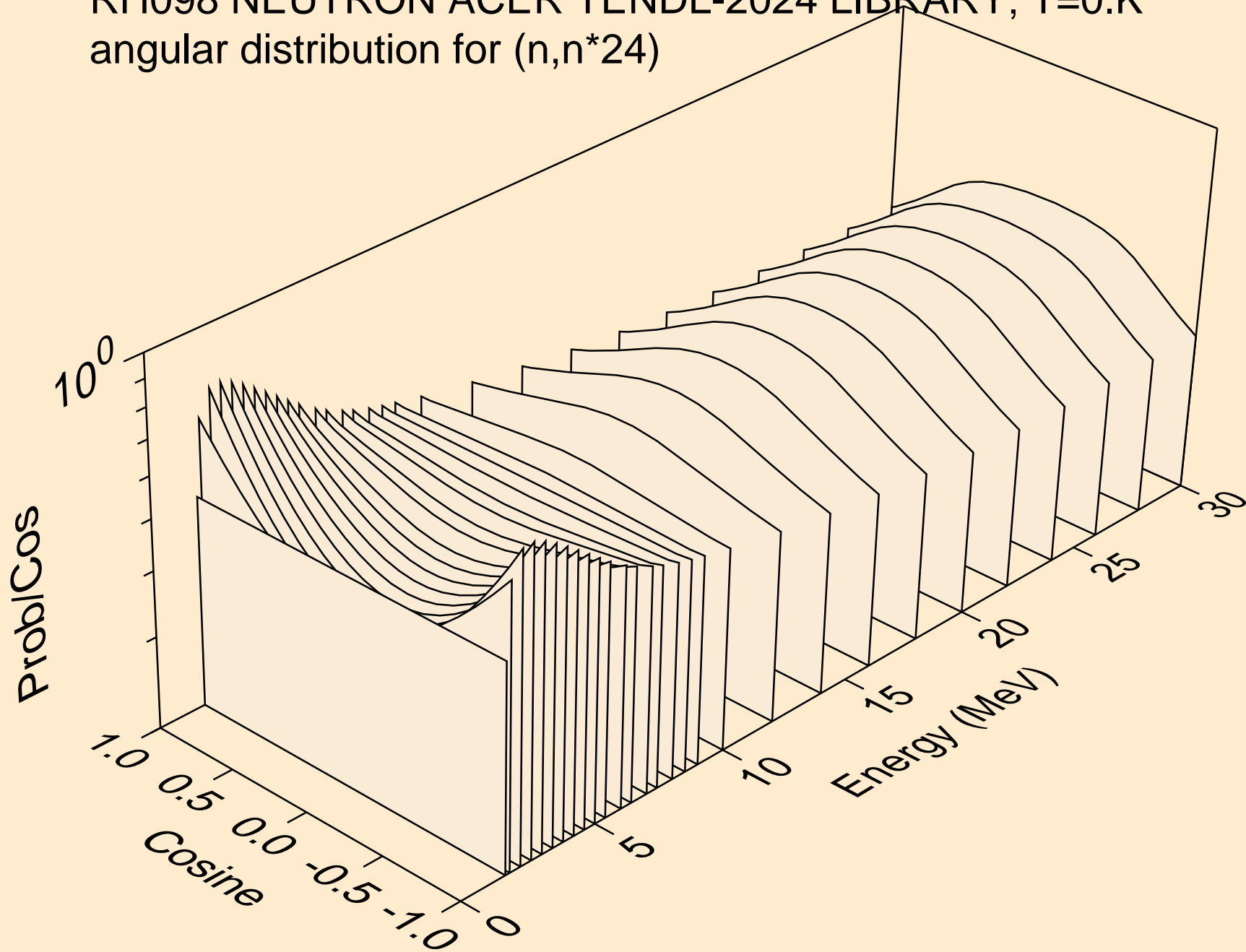
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

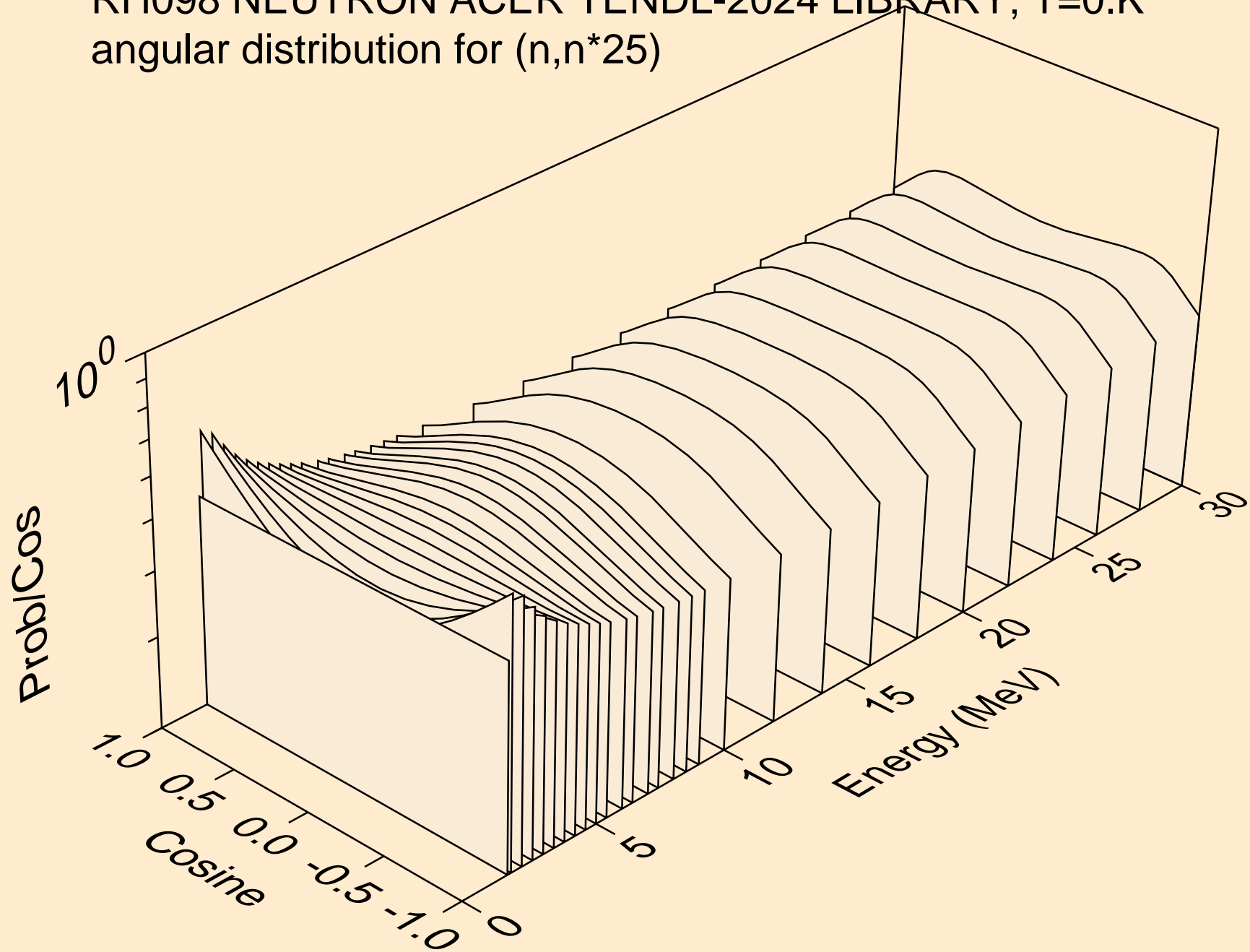


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

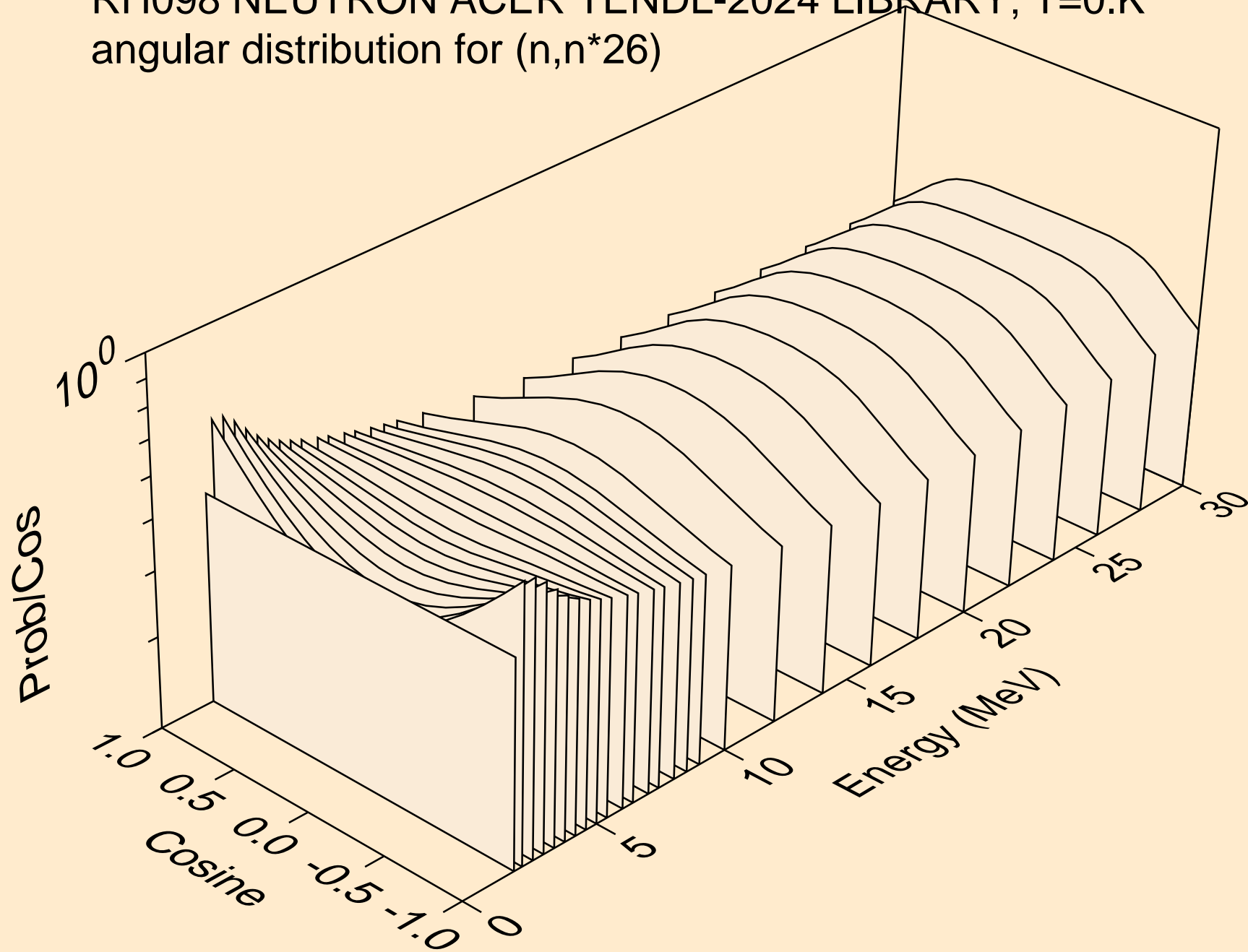




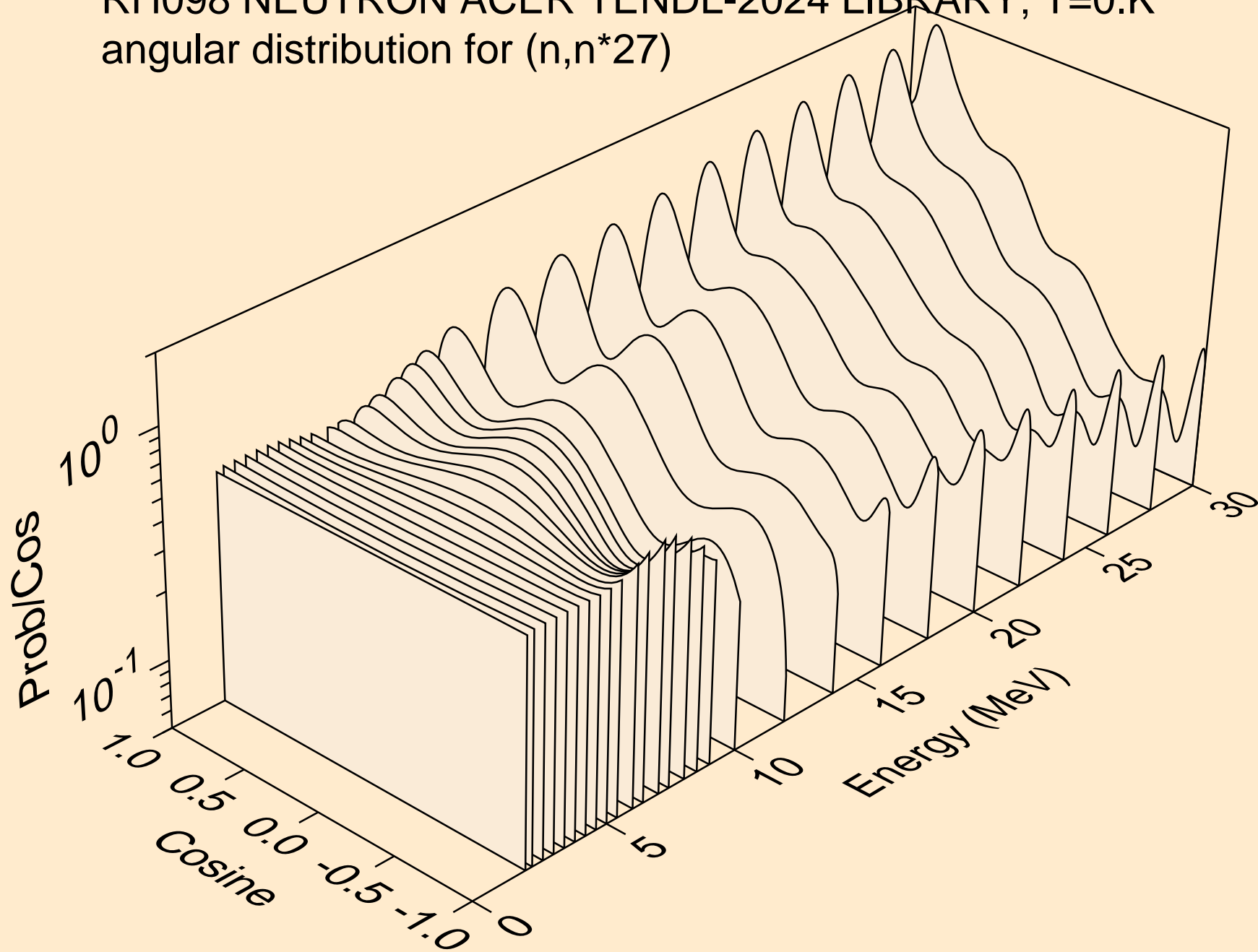
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



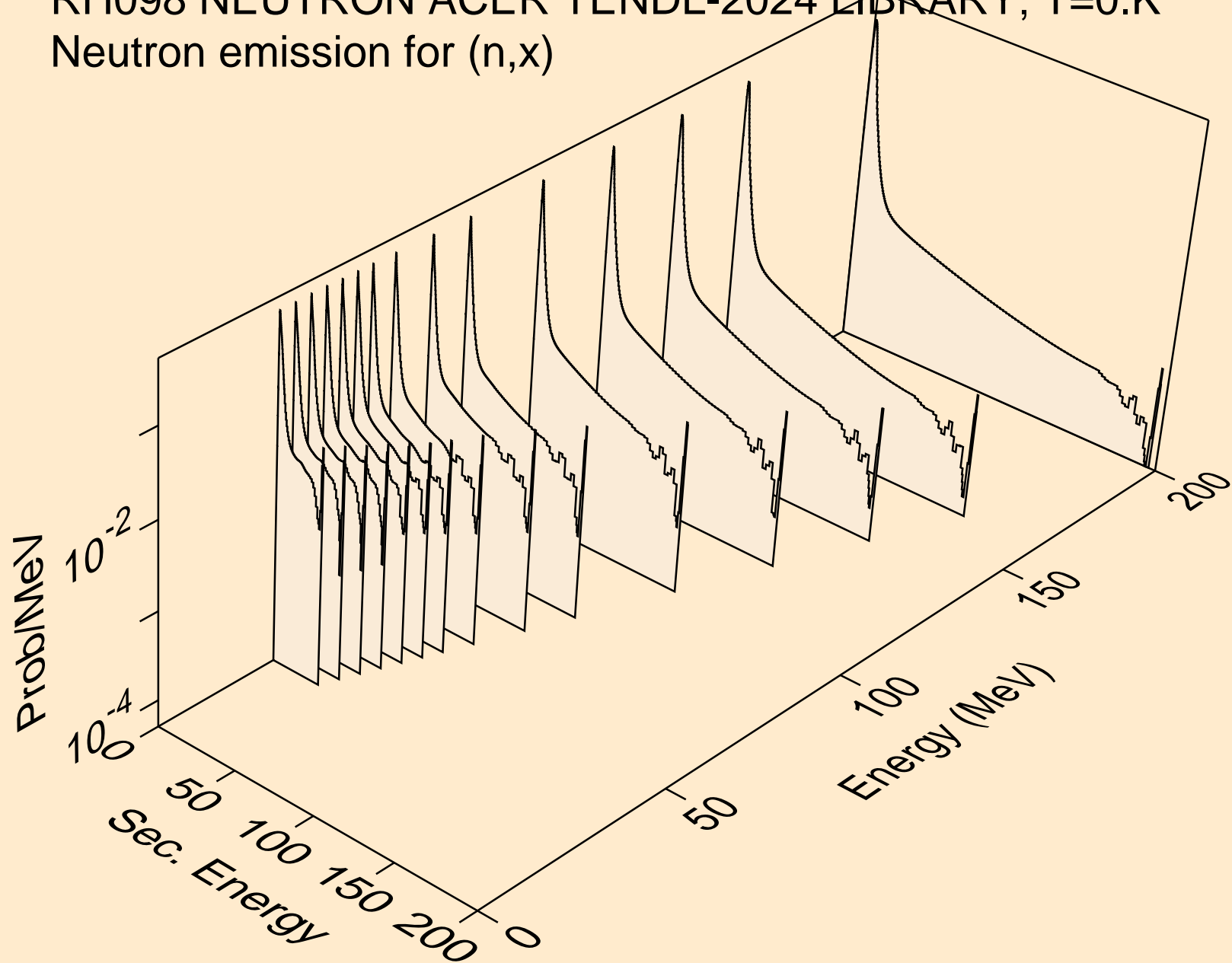
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



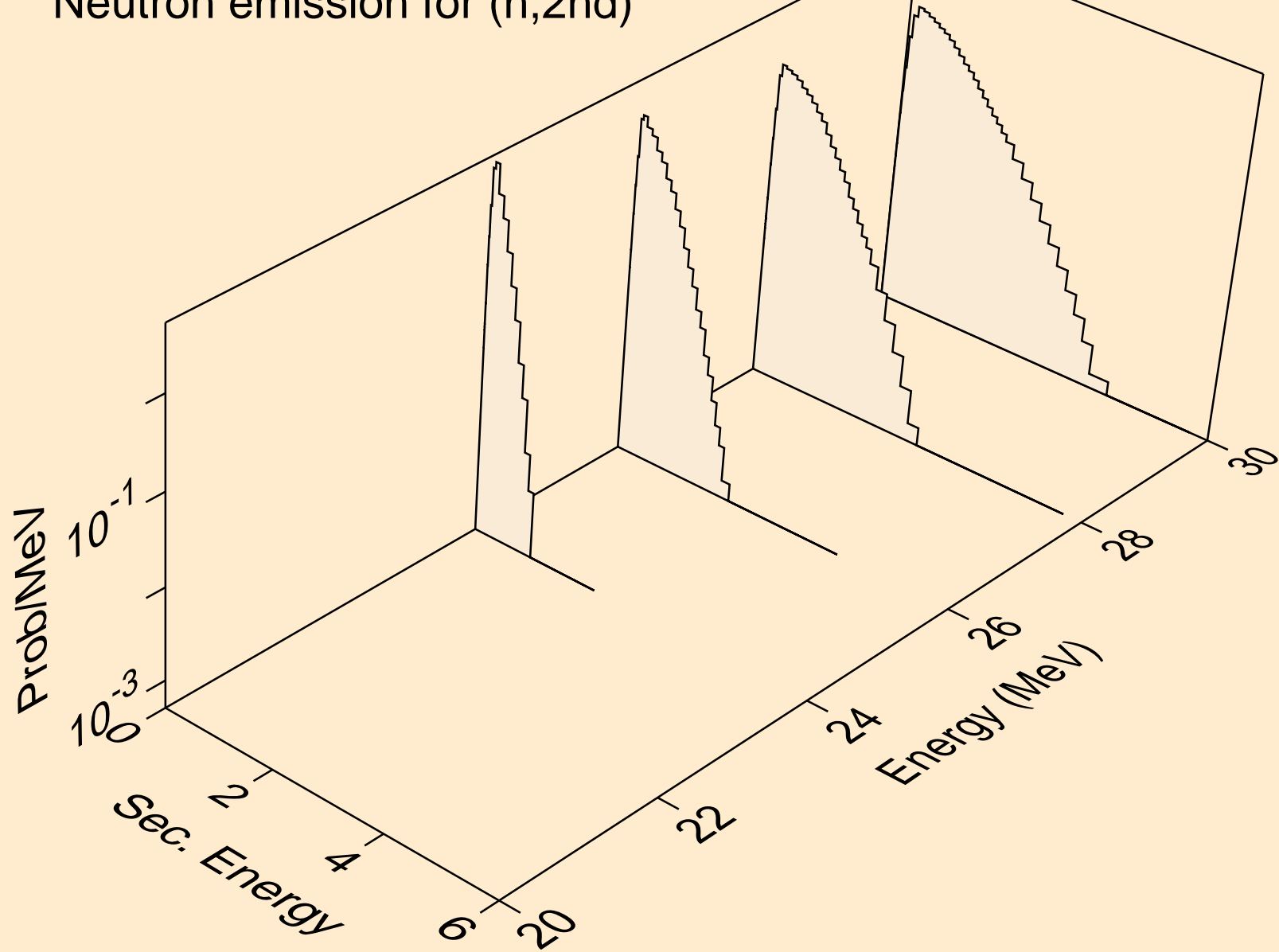
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



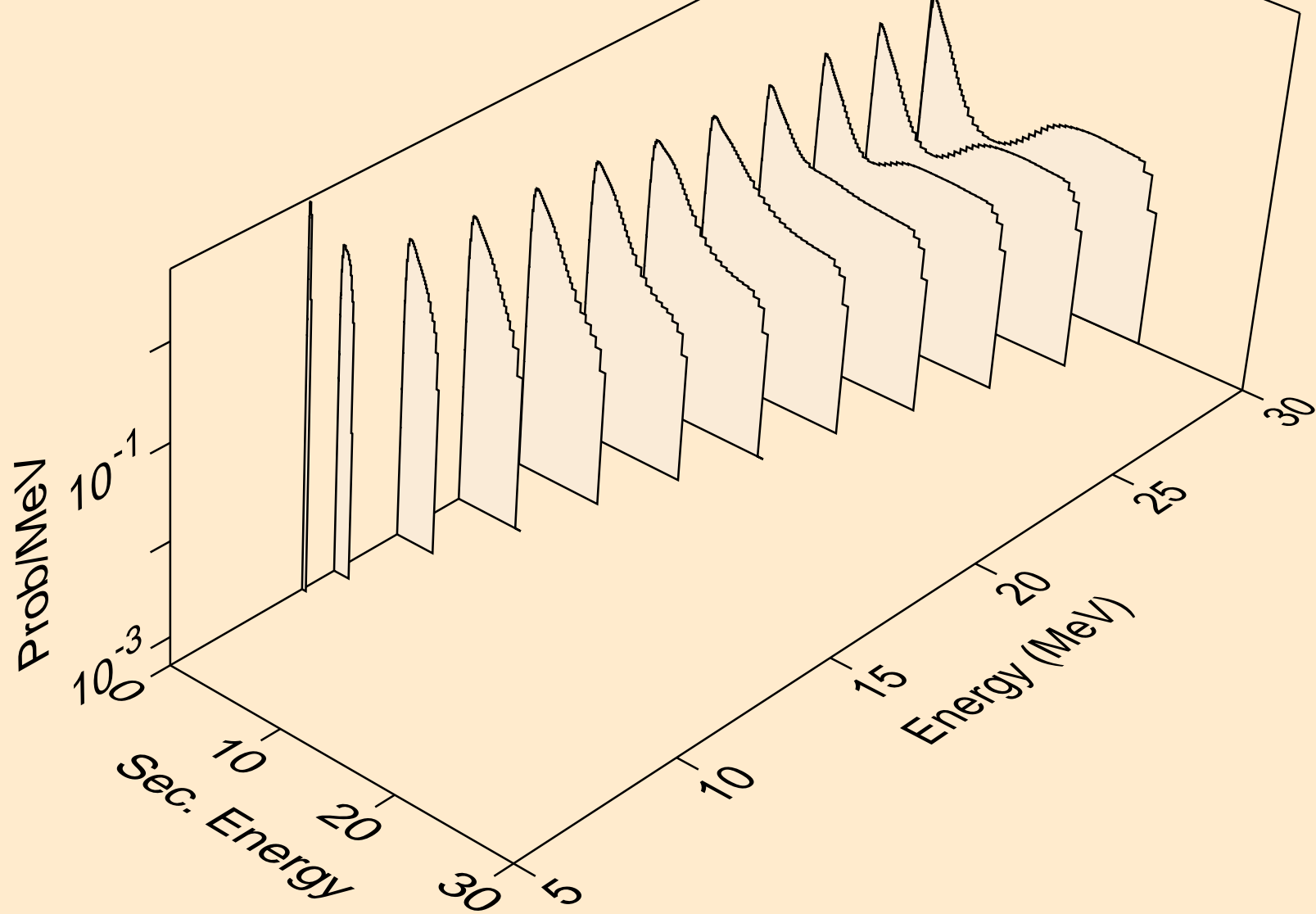
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



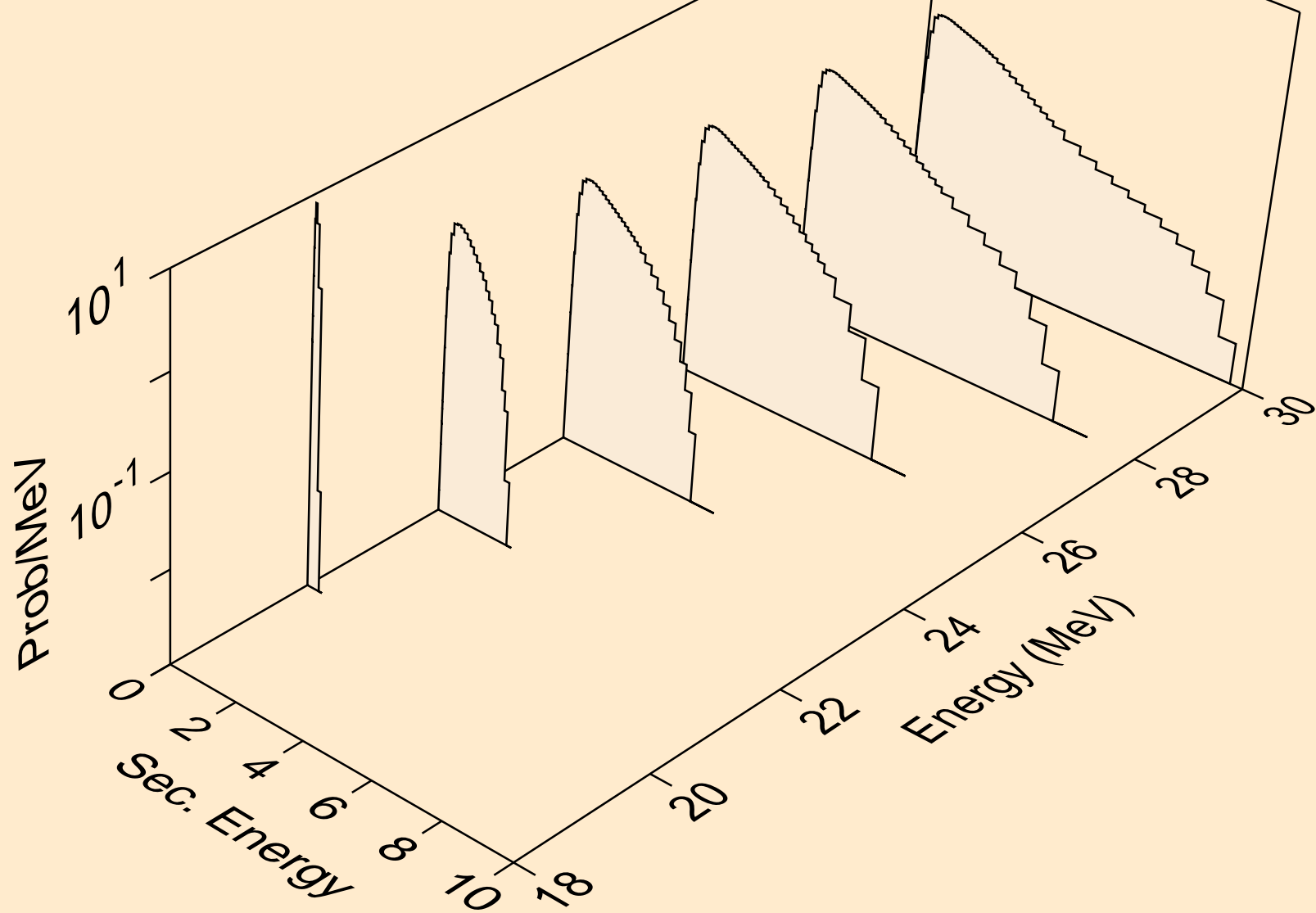
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



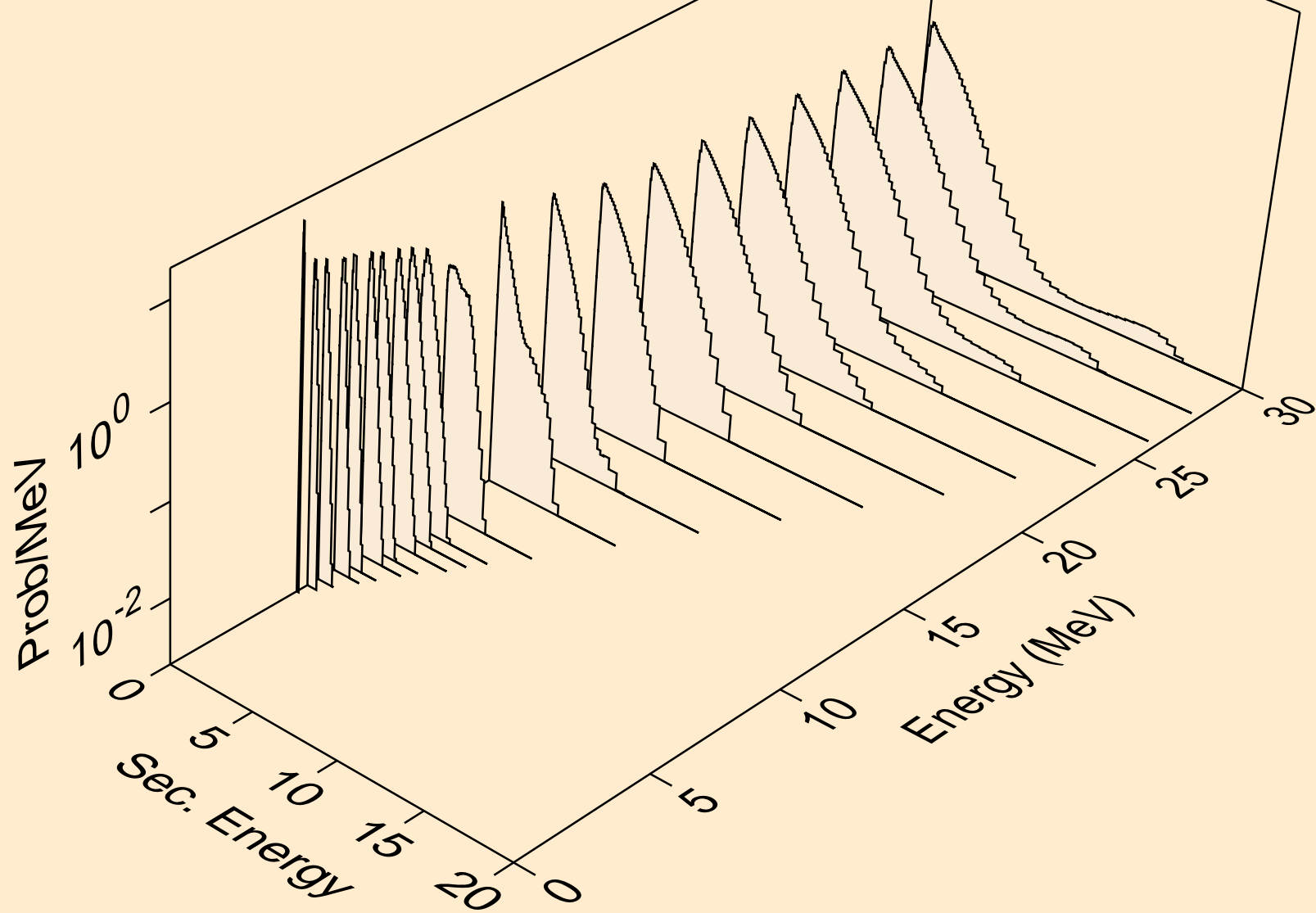
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

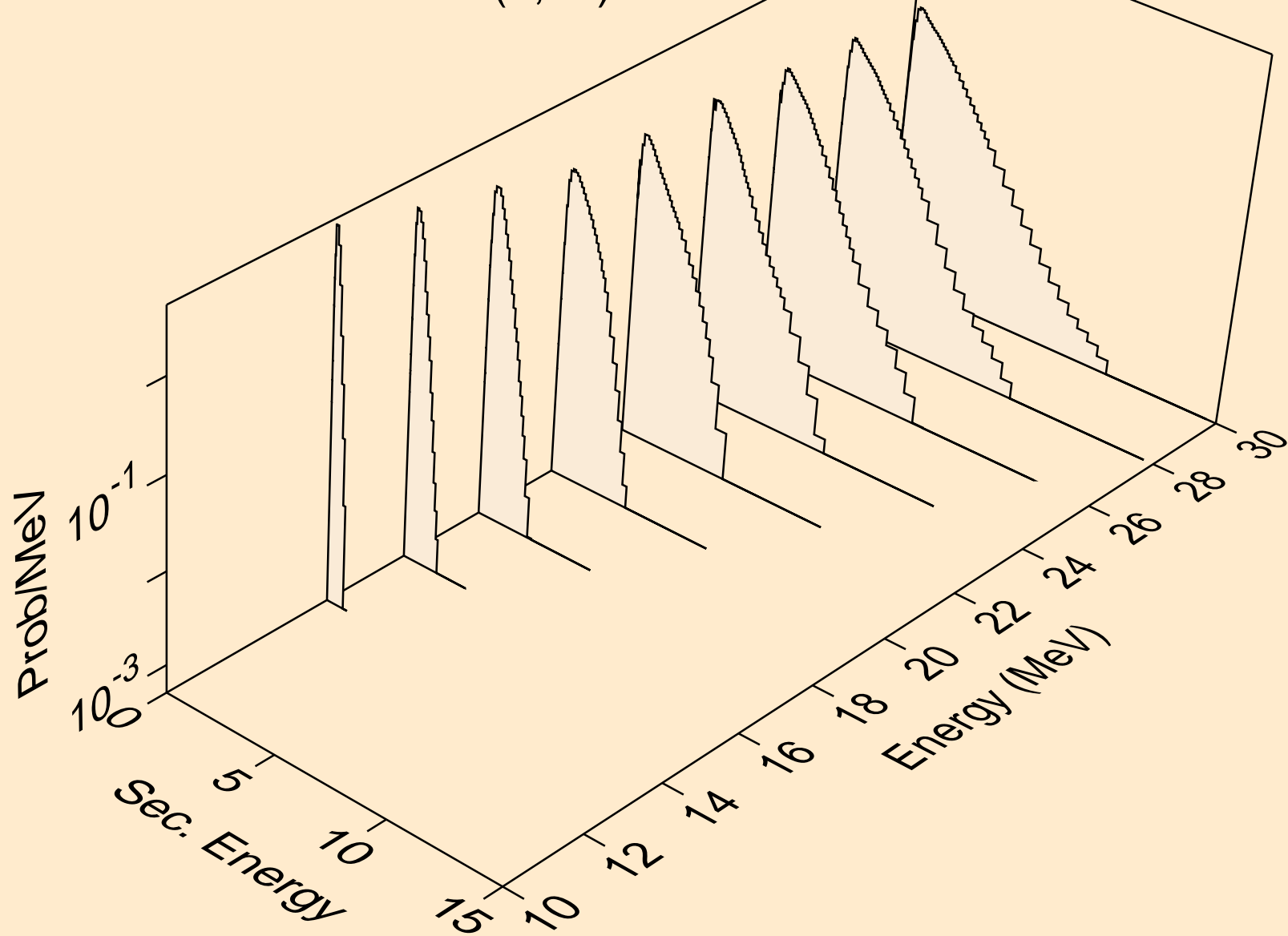


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

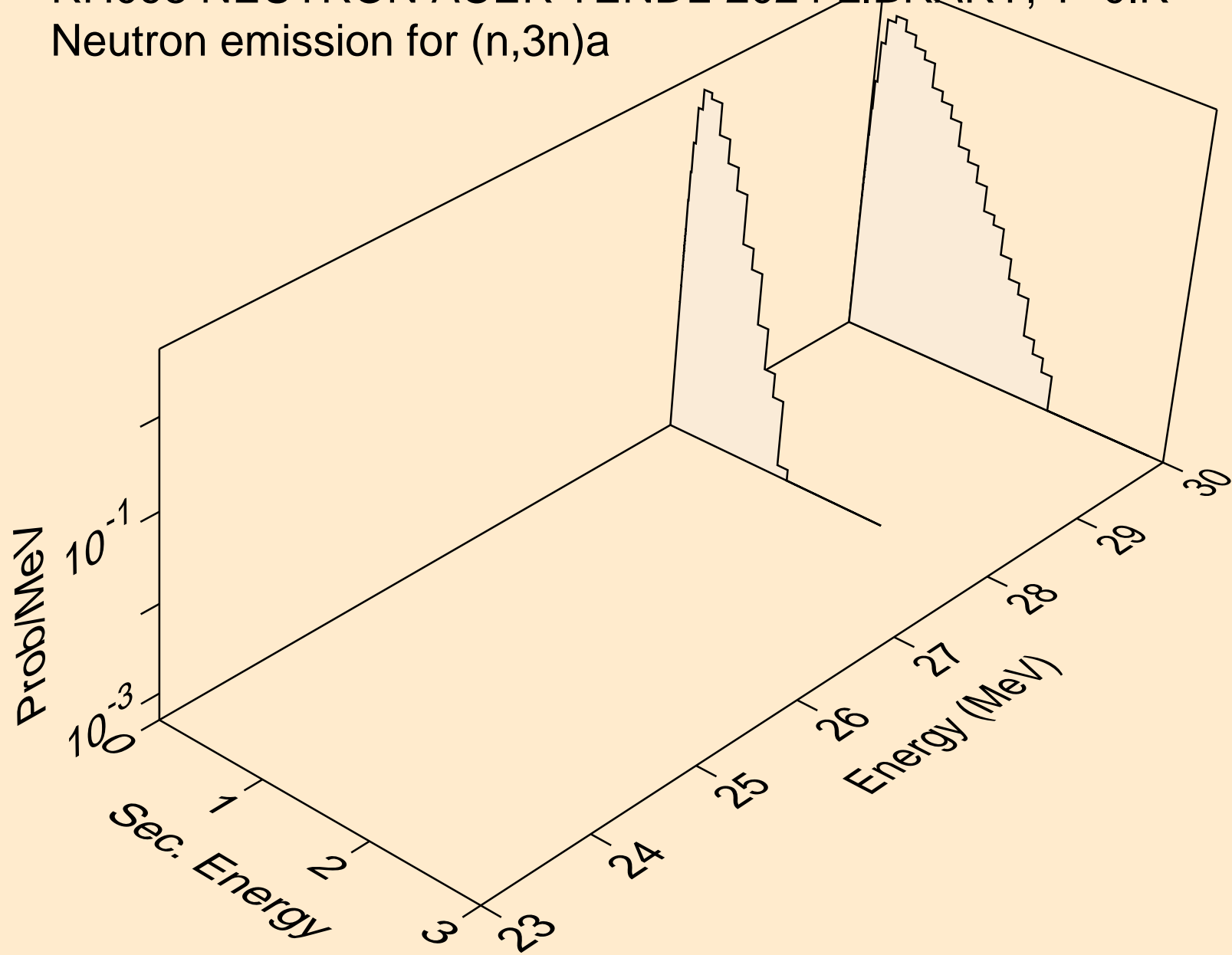




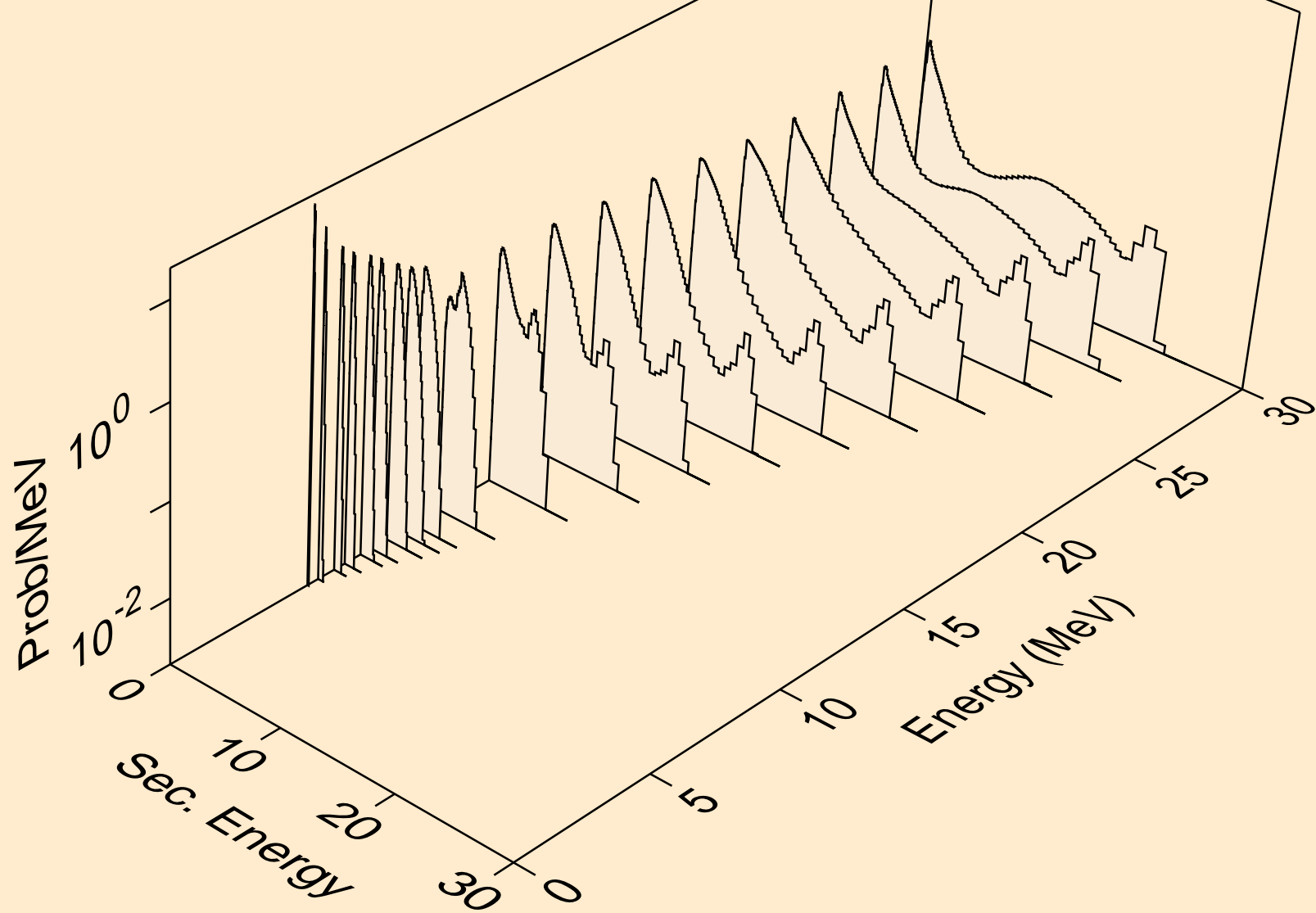
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



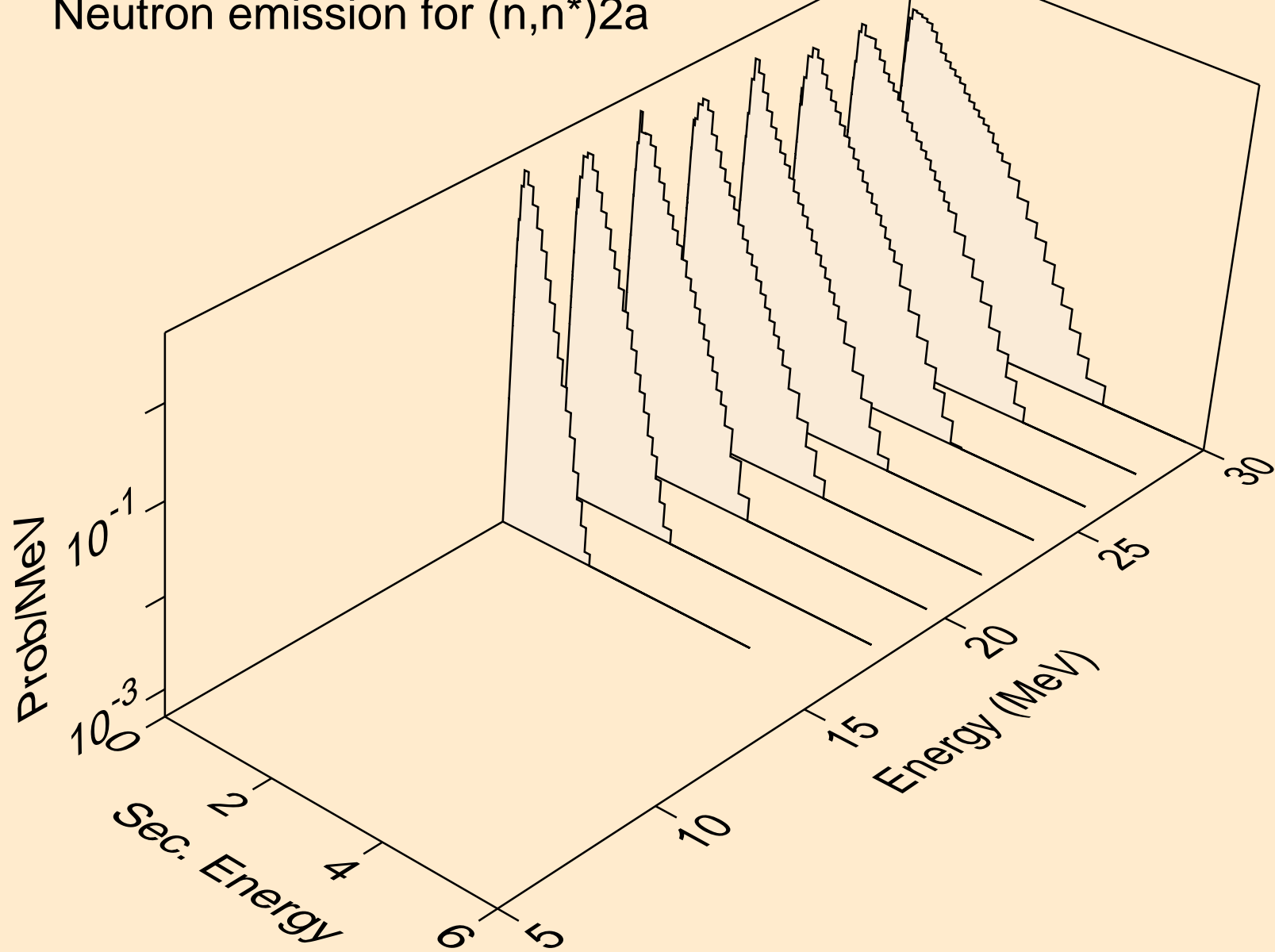
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



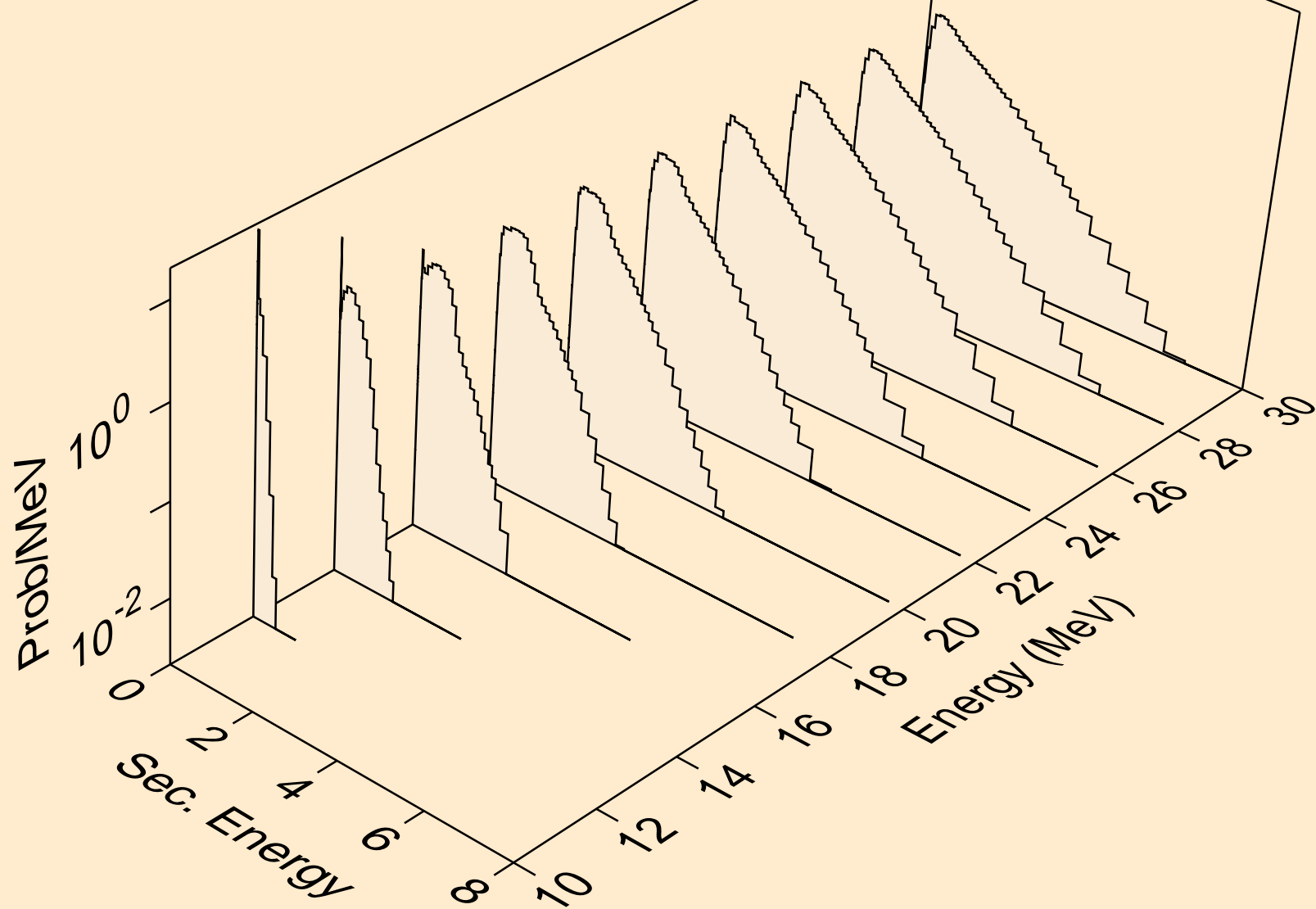
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



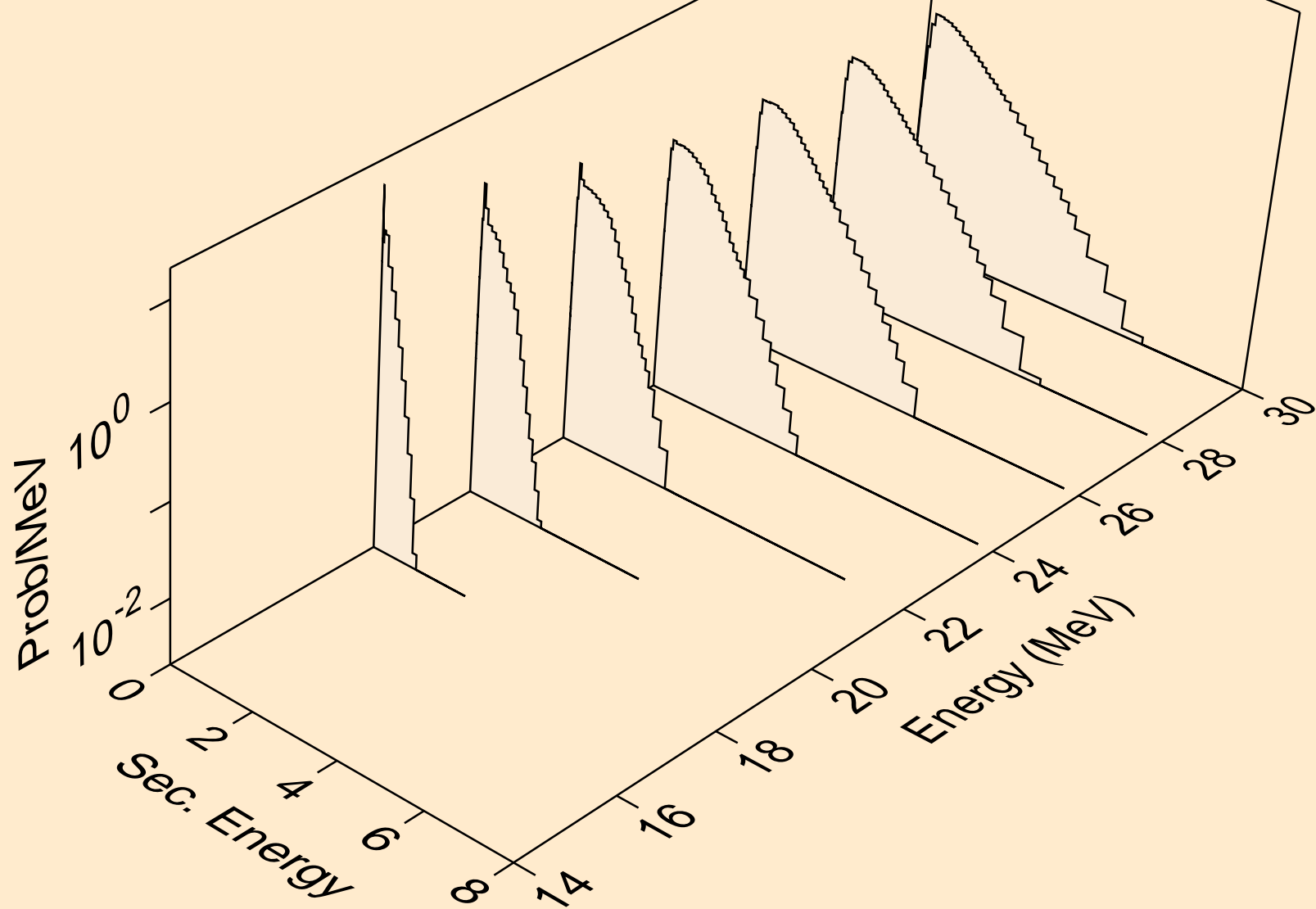
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



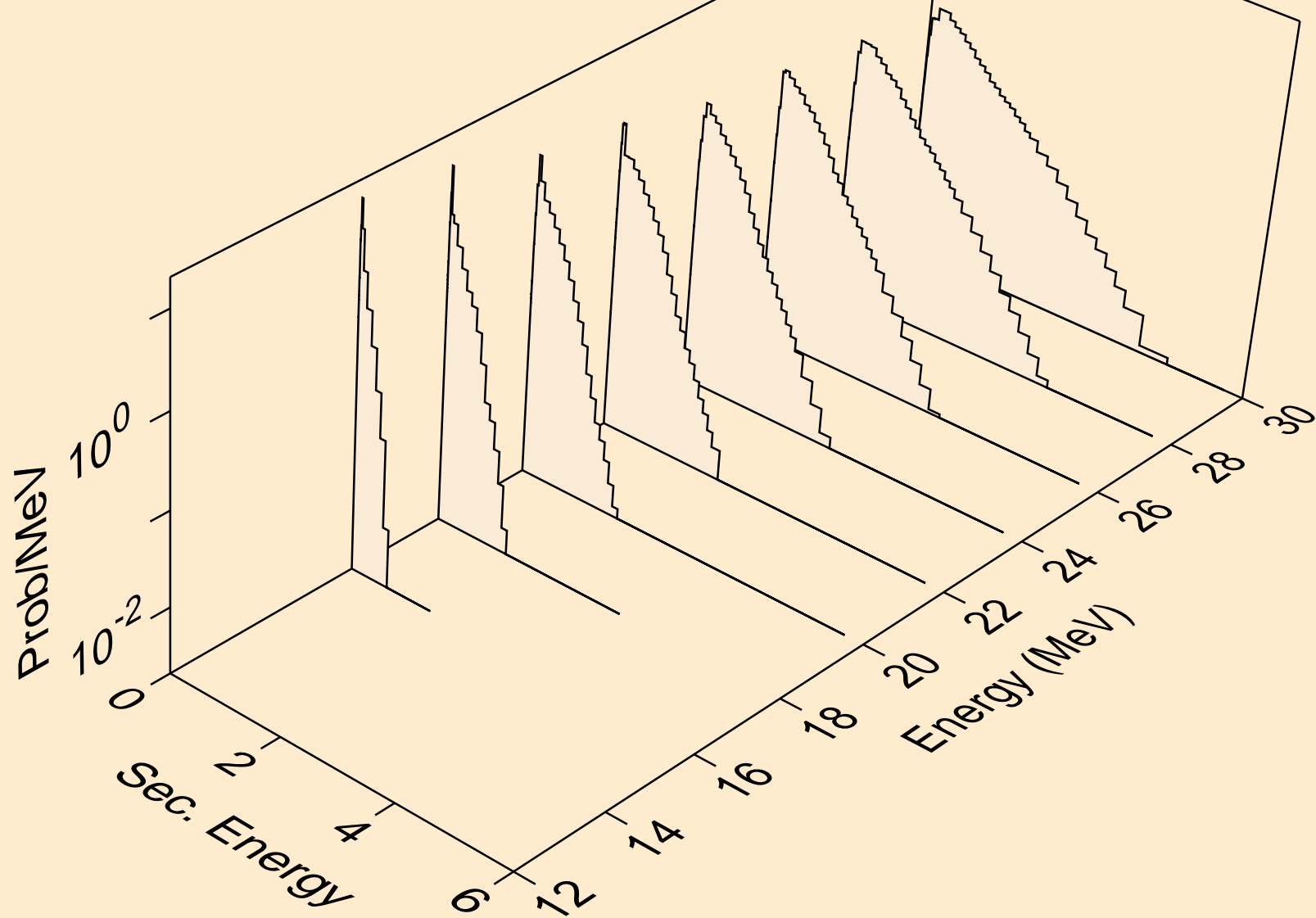
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



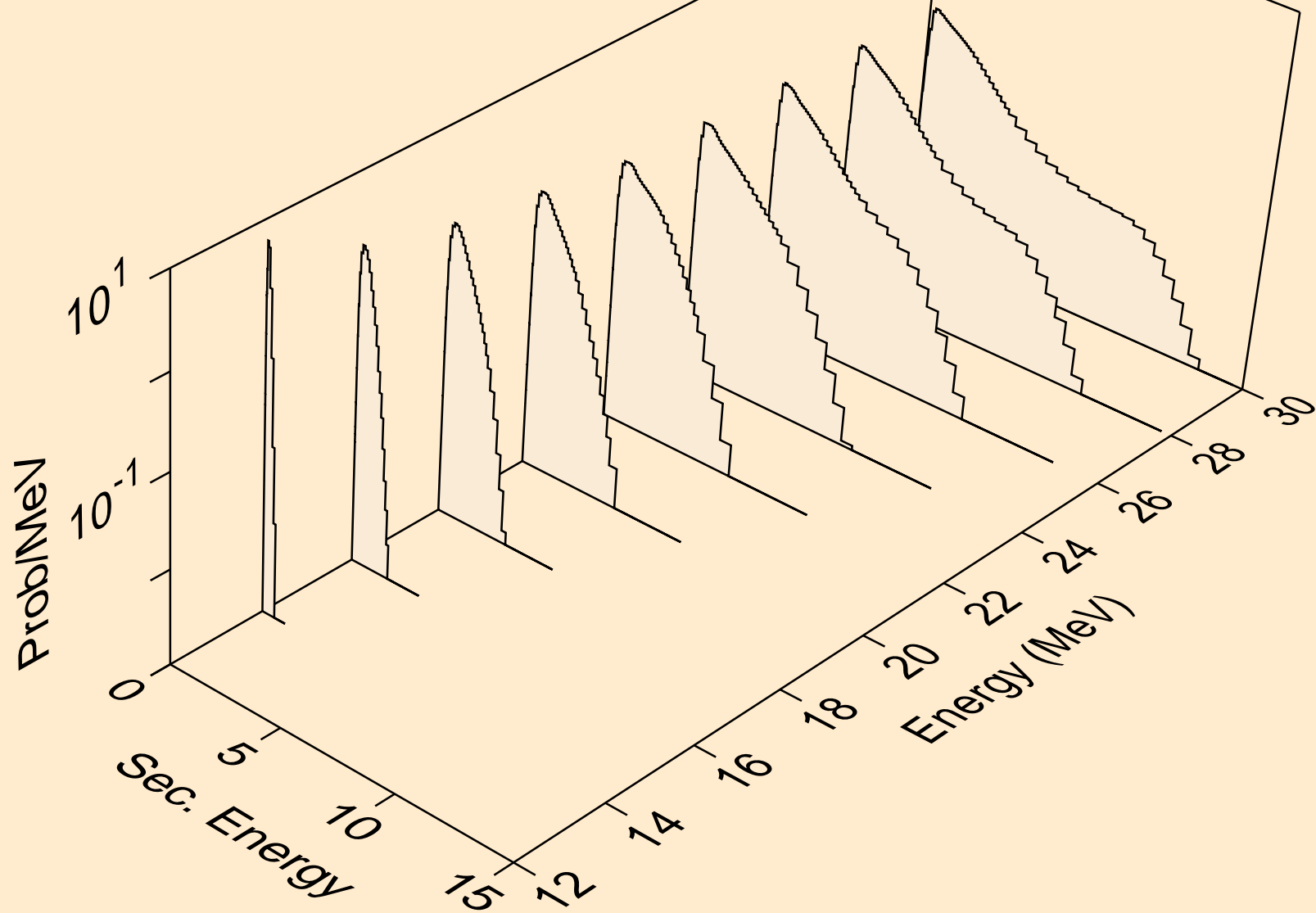
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

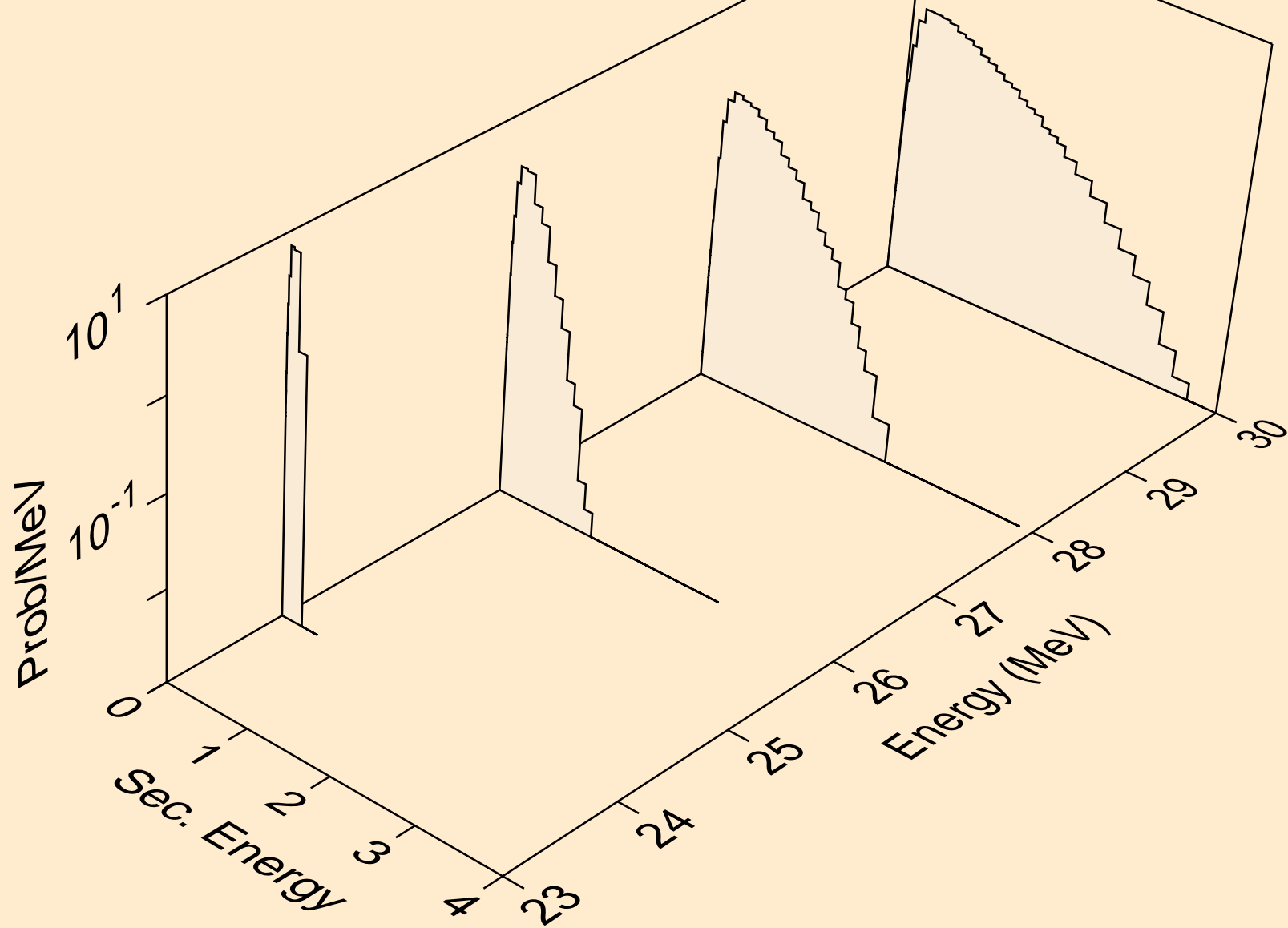


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

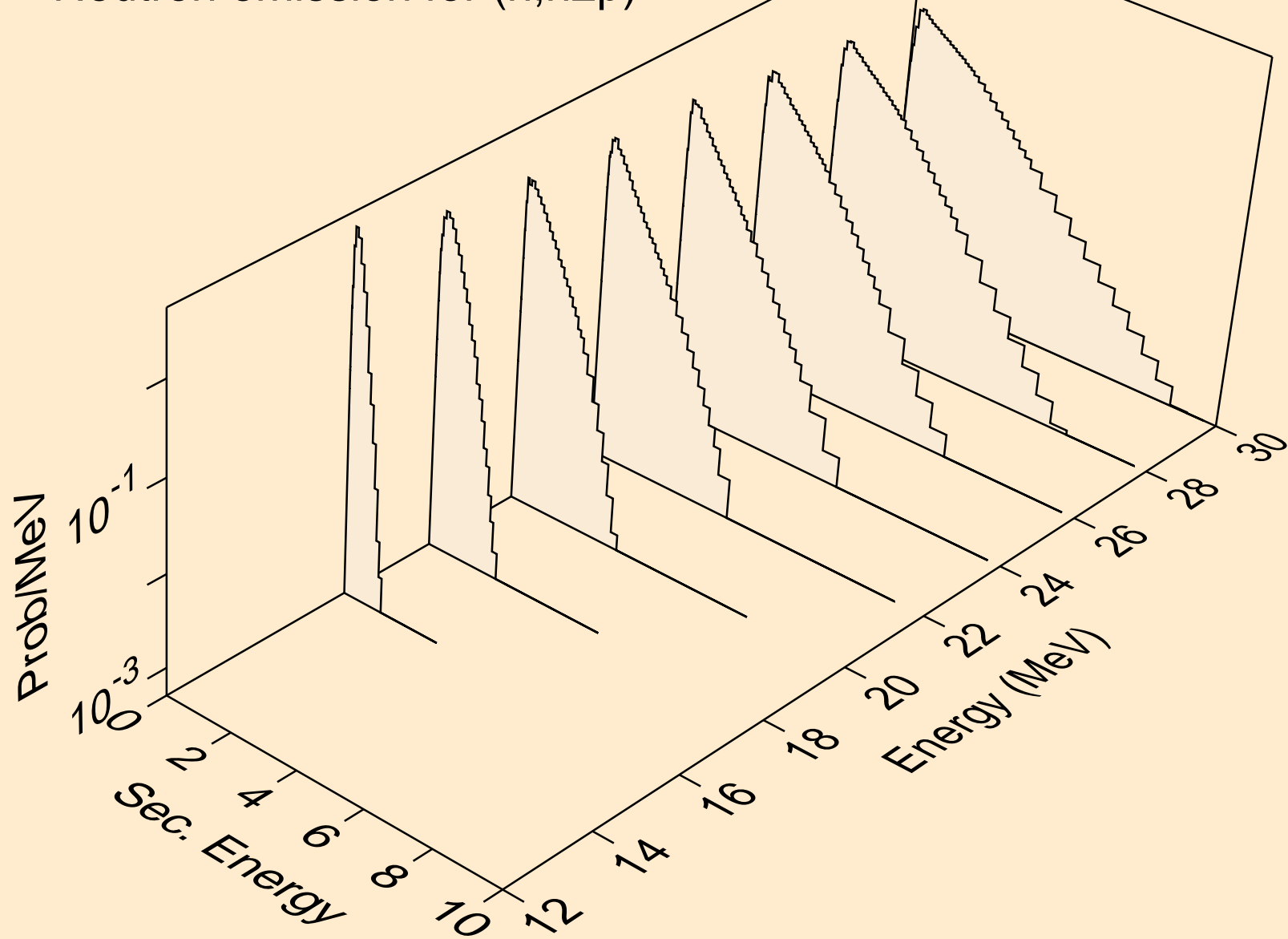




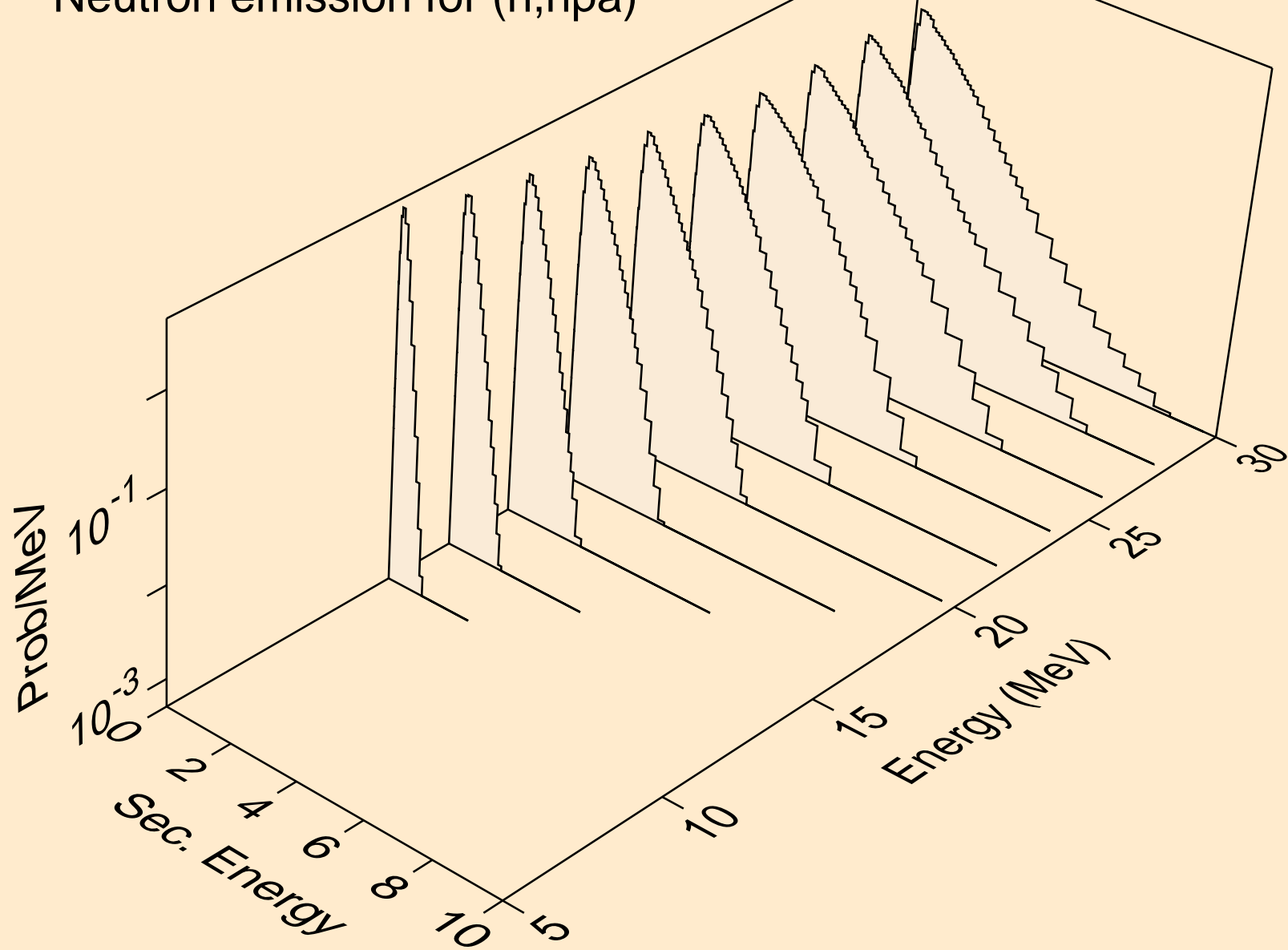
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



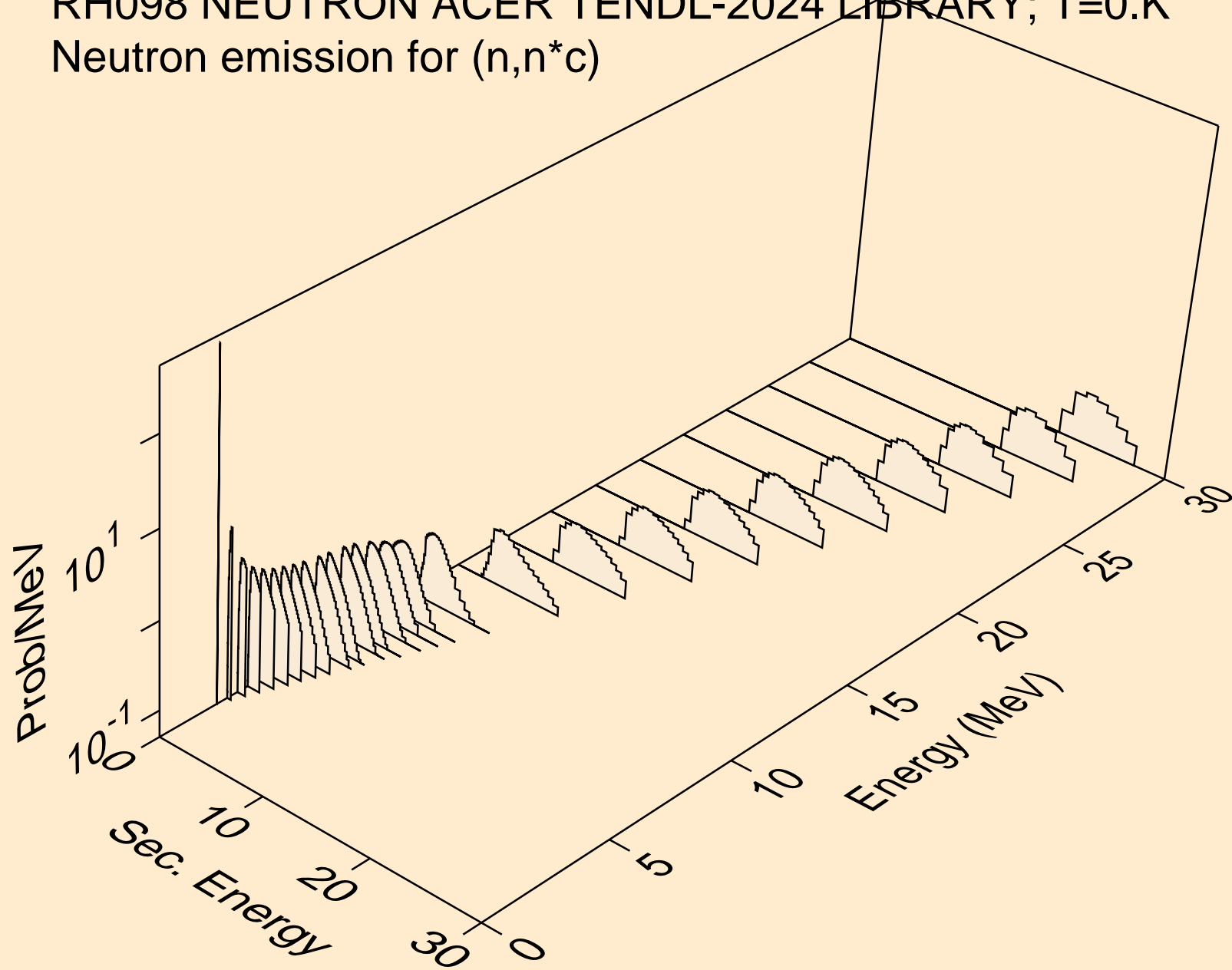
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Neutron emission for (n,n2p)



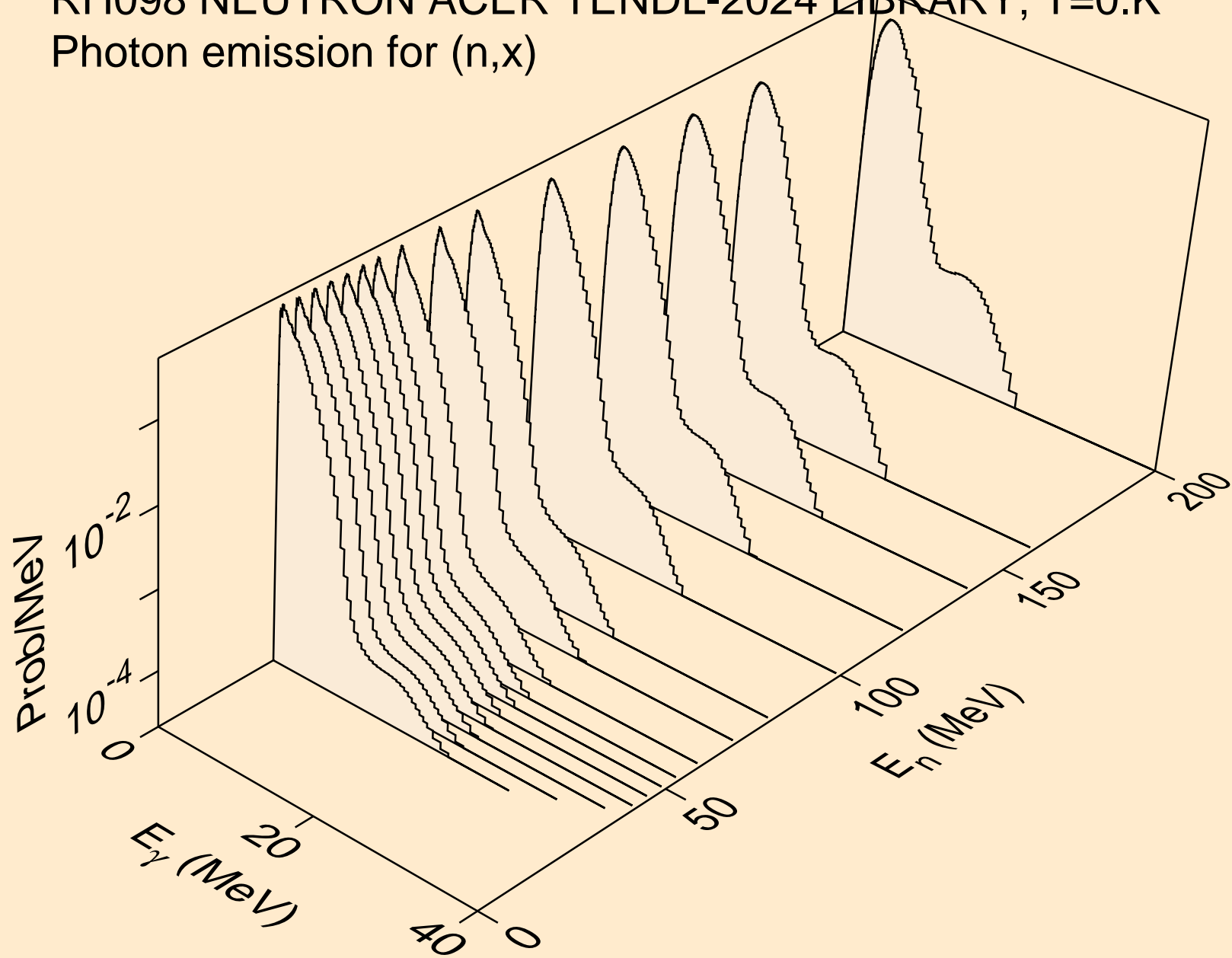
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



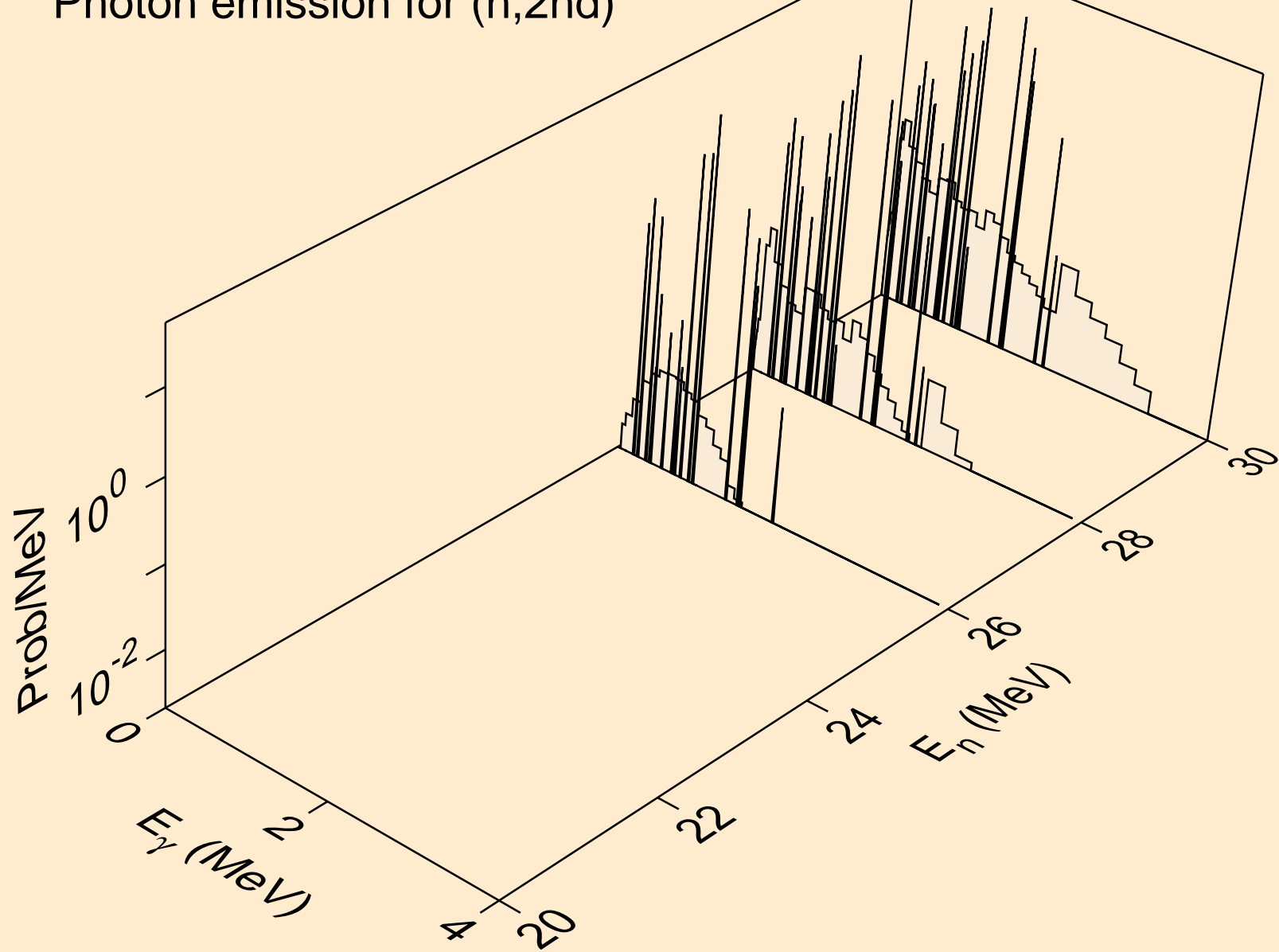
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



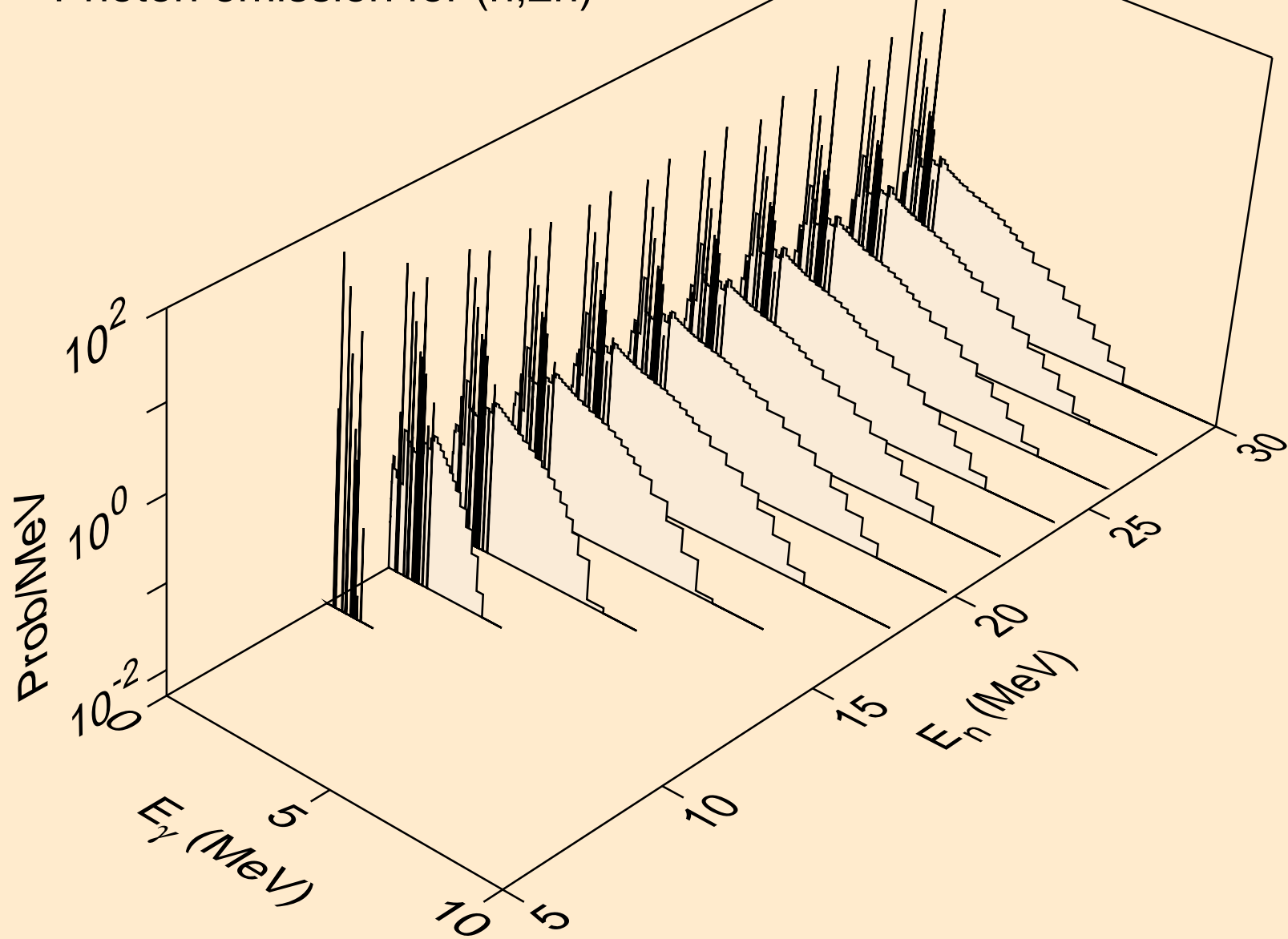
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



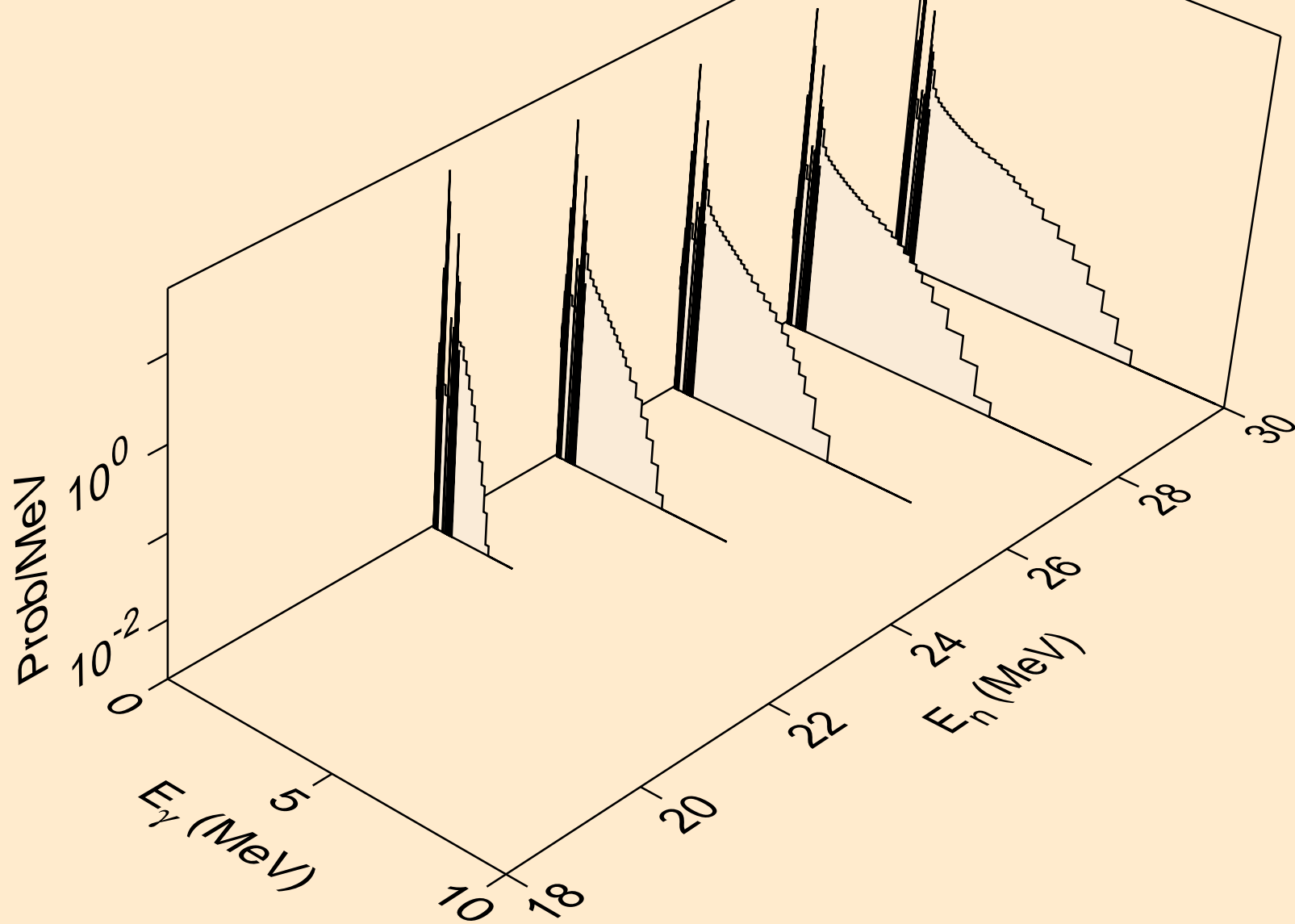
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

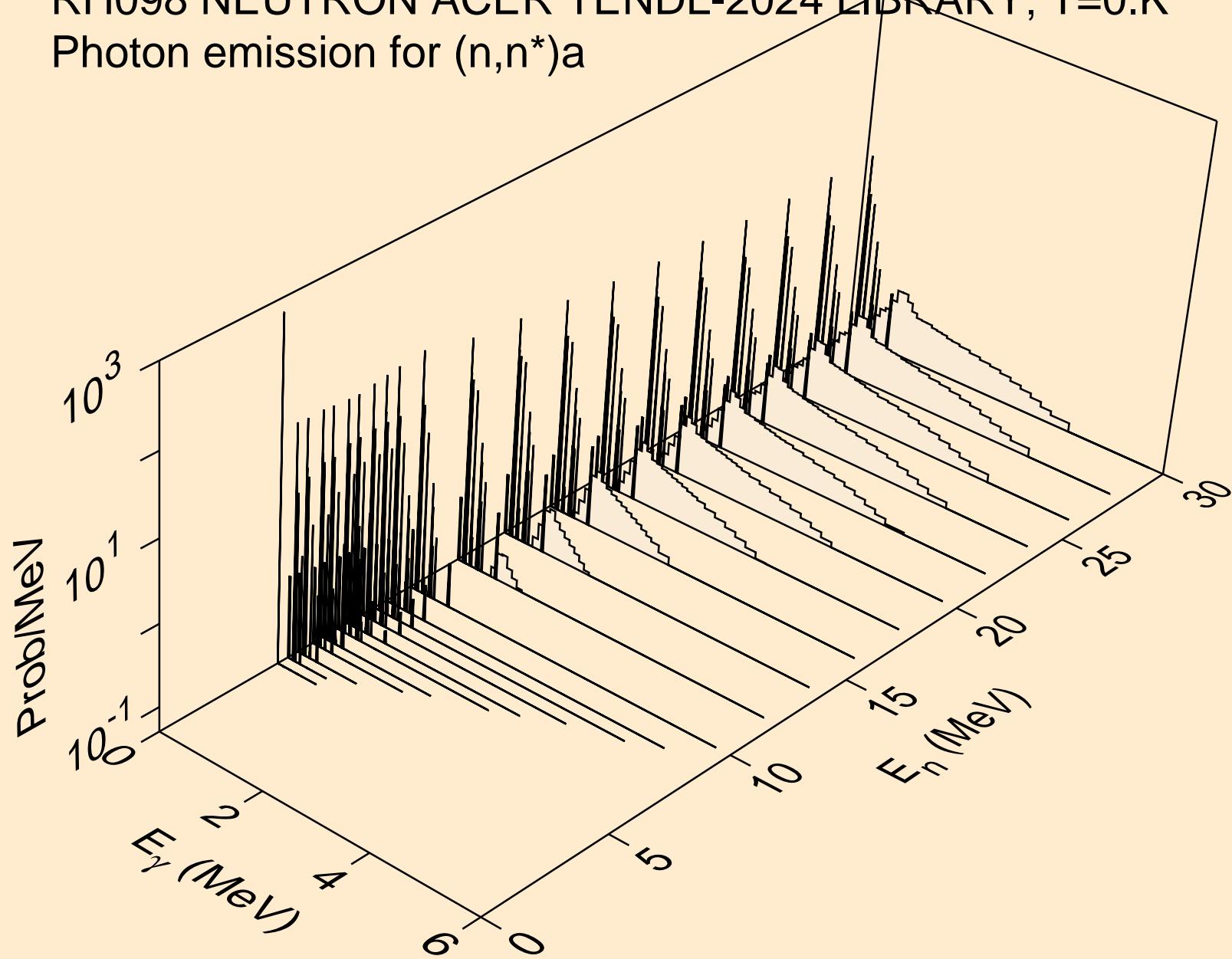


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Photon emission for (n,3n)

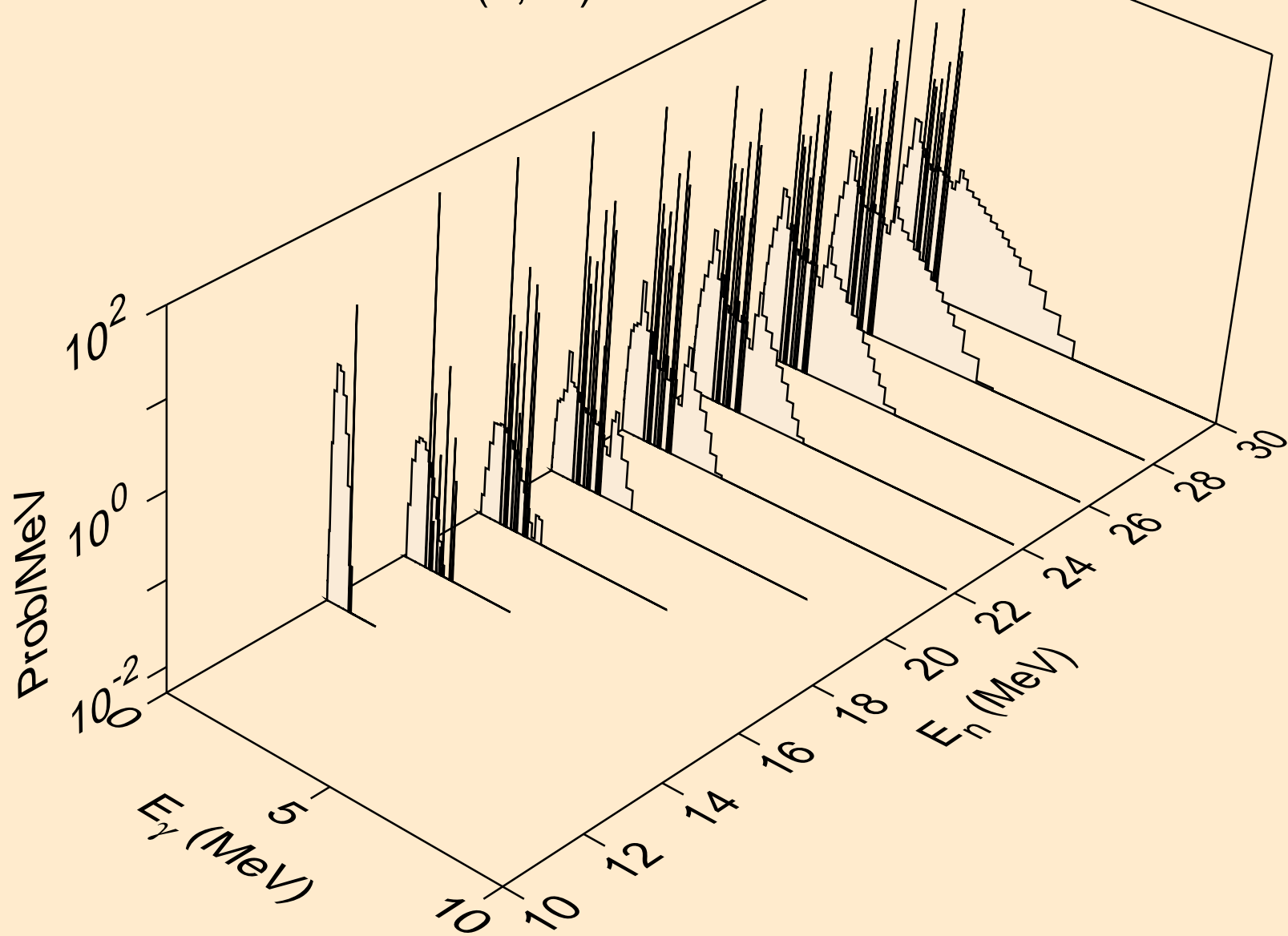




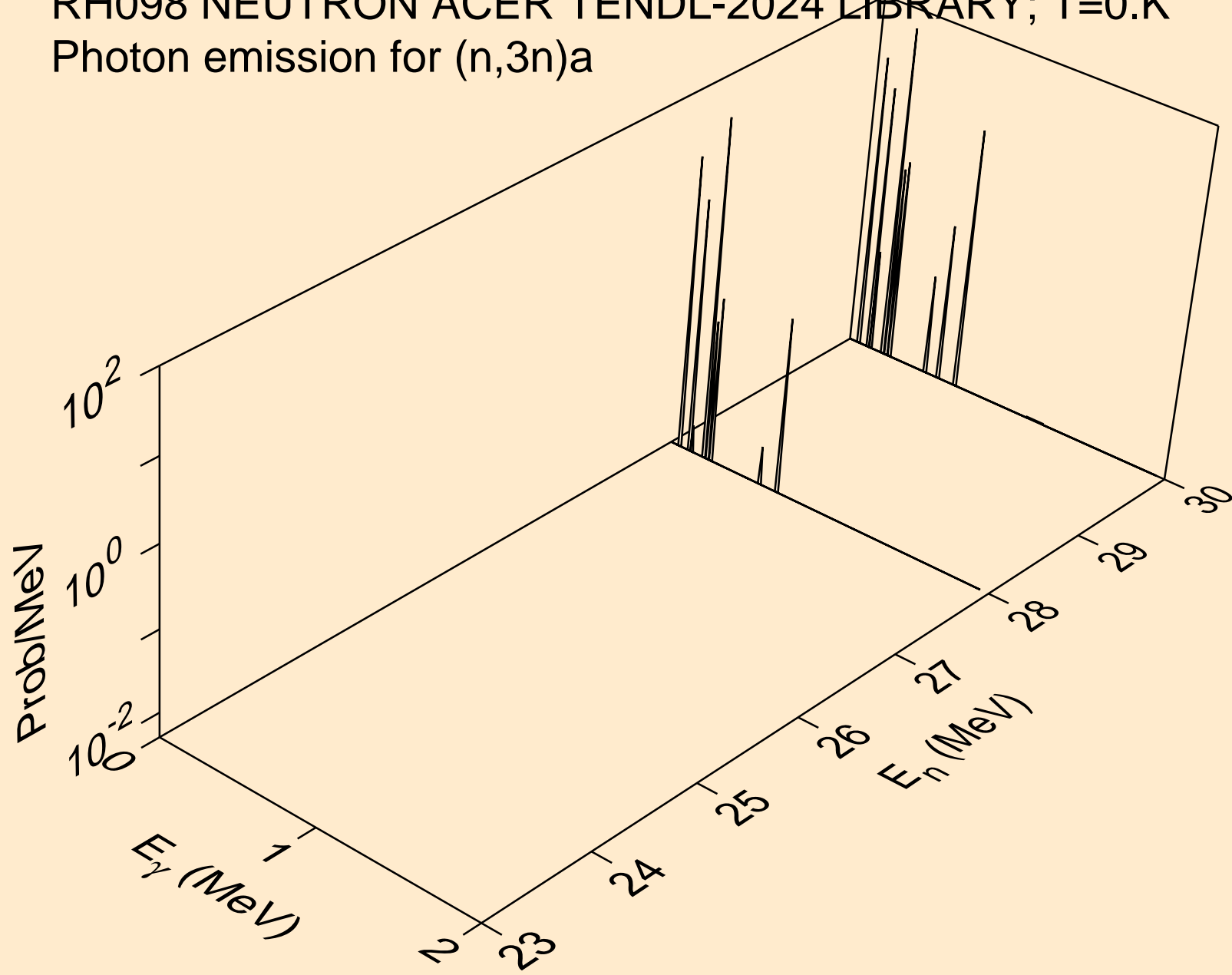
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Photon emission for (n,n\*)a



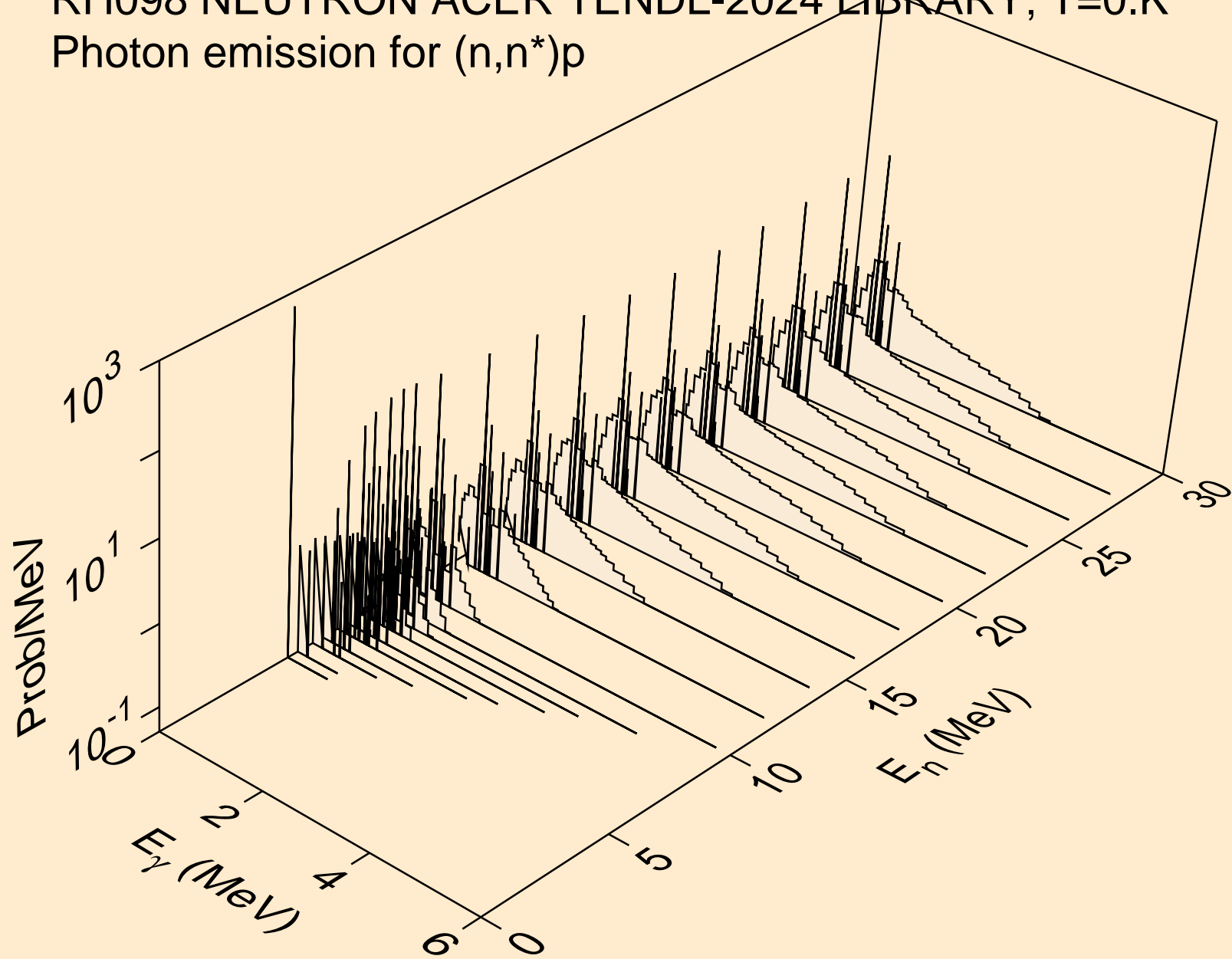
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Photon emission for (n,2n)a



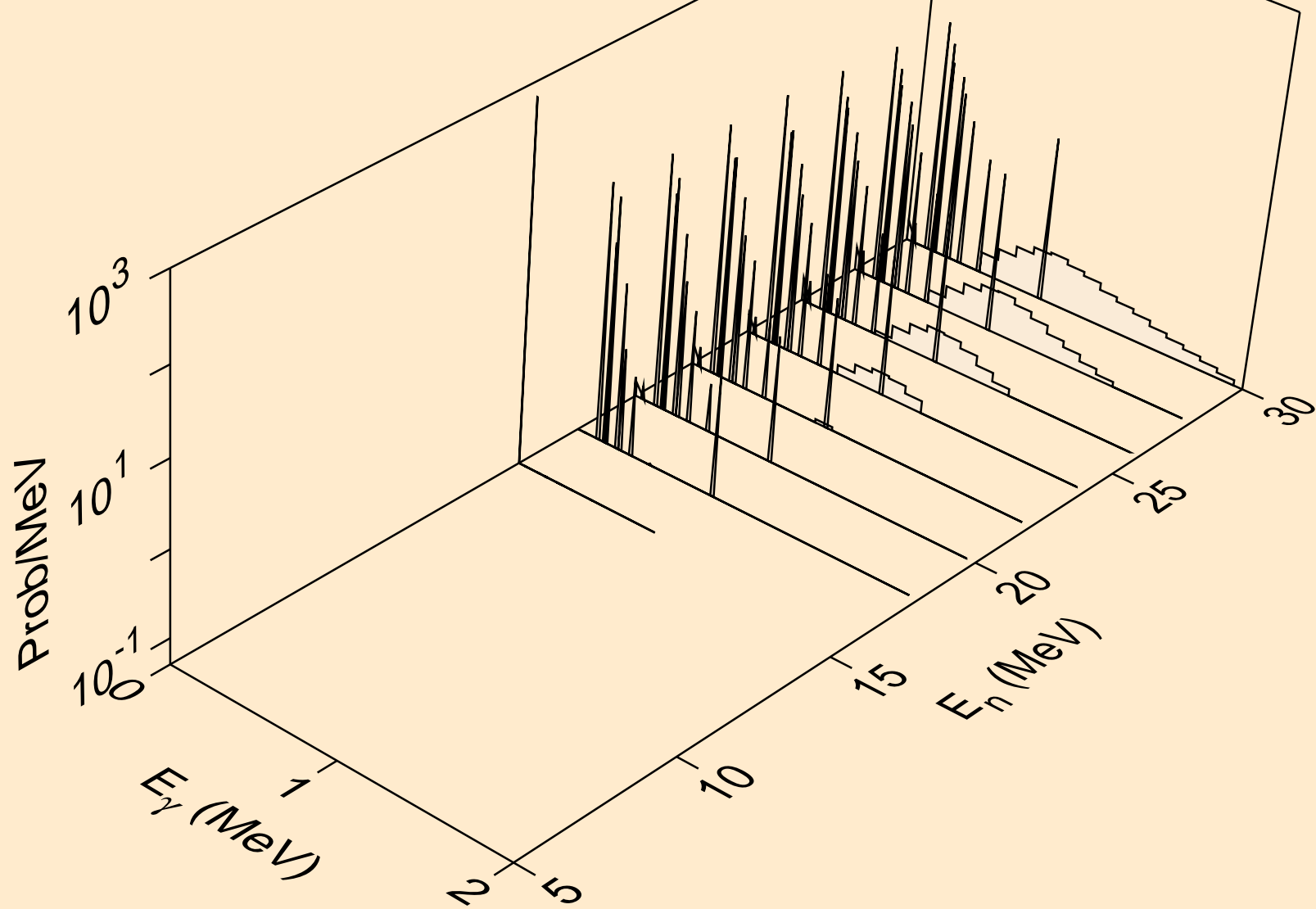
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



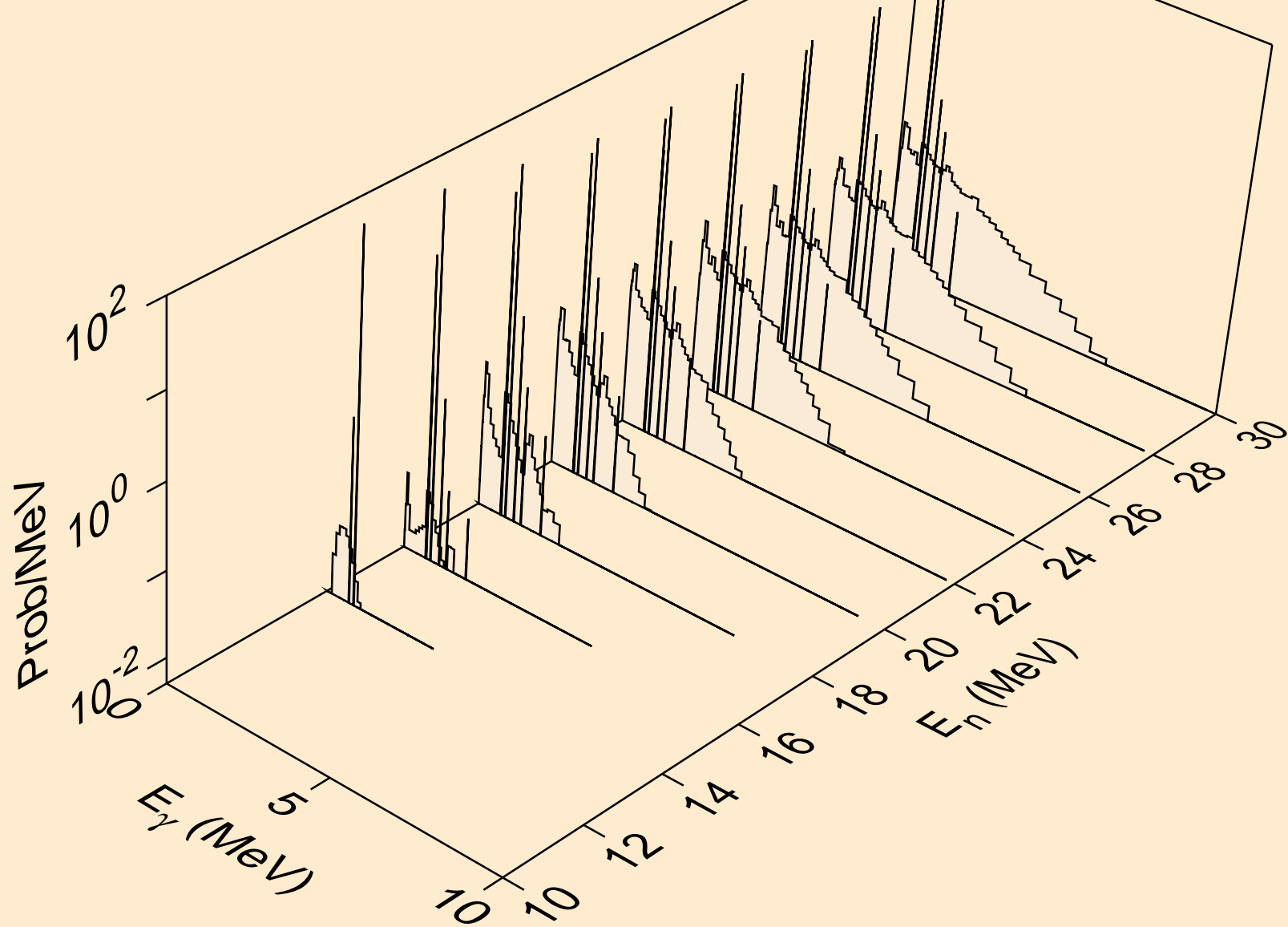
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Photon emission for (n,n\*)p



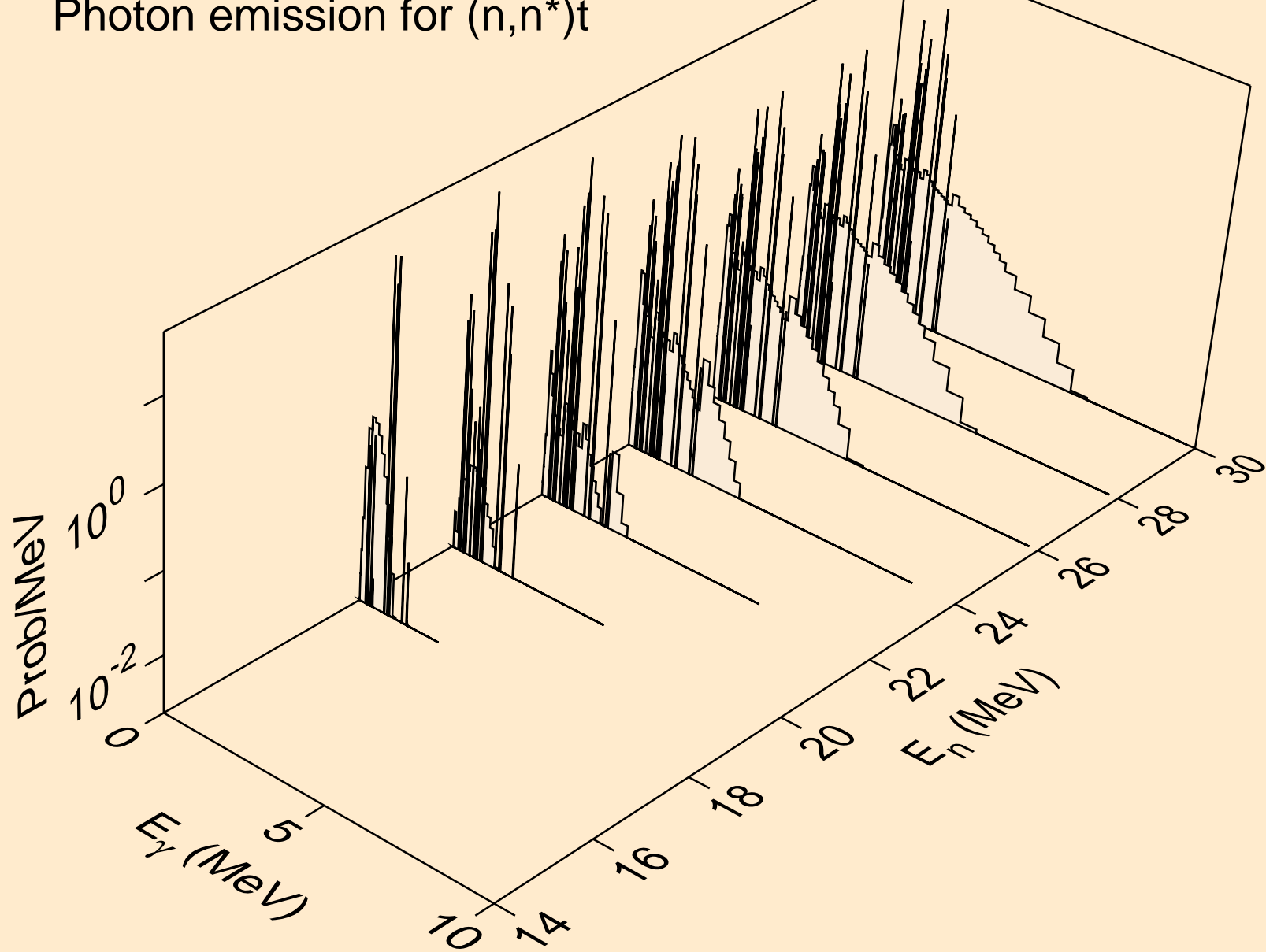
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Photon emission for (n,n\*)2a



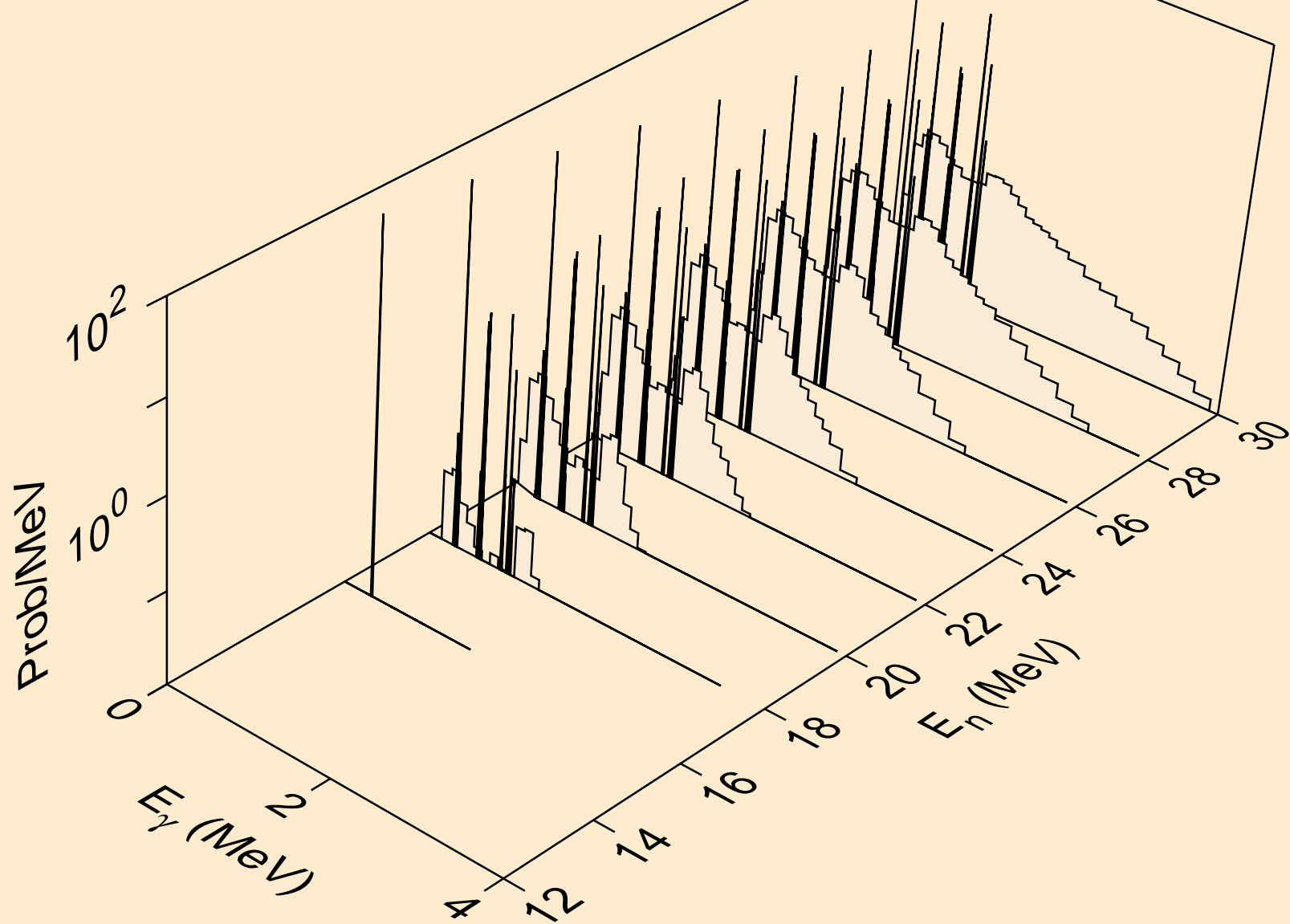
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

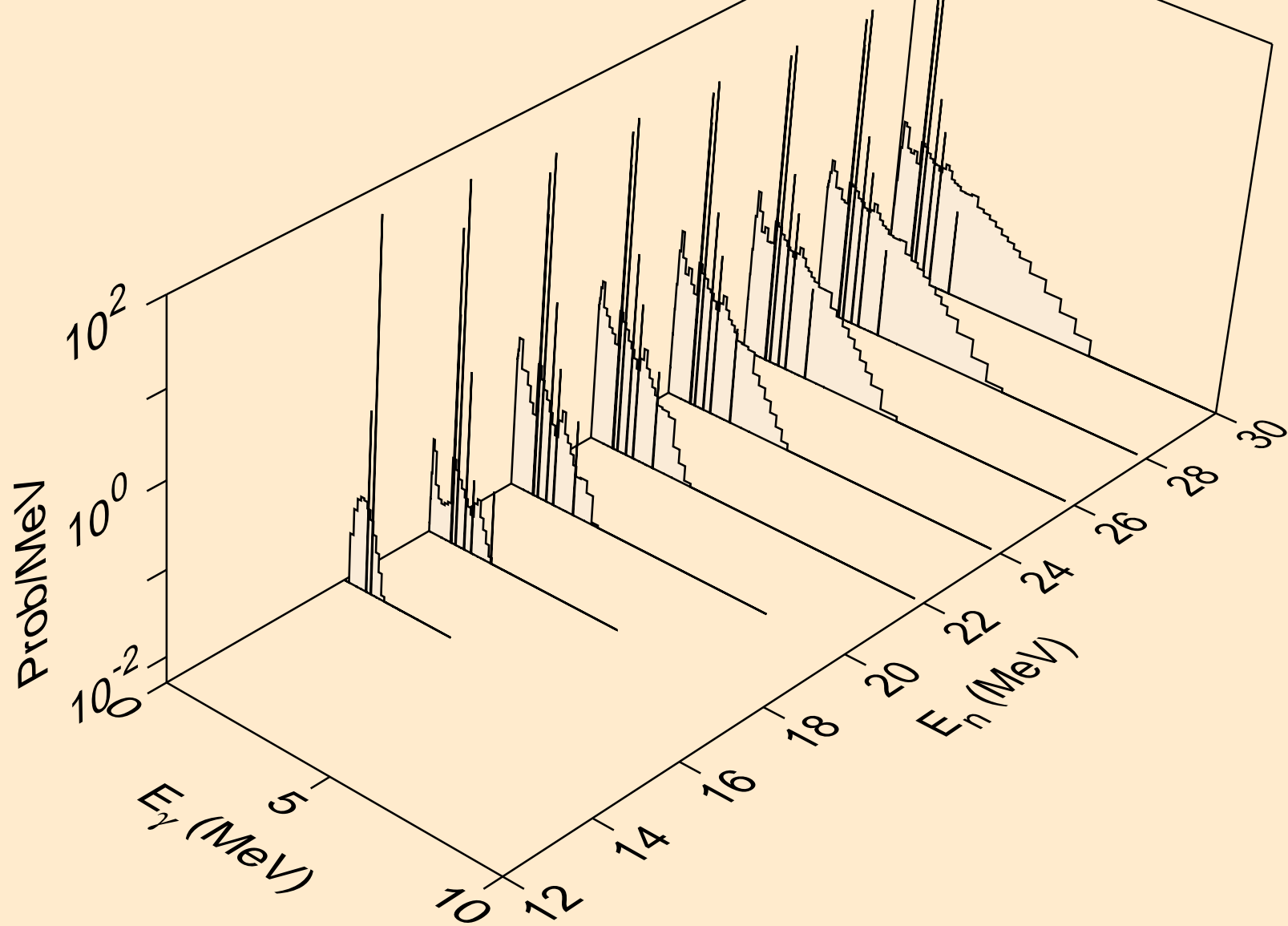


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

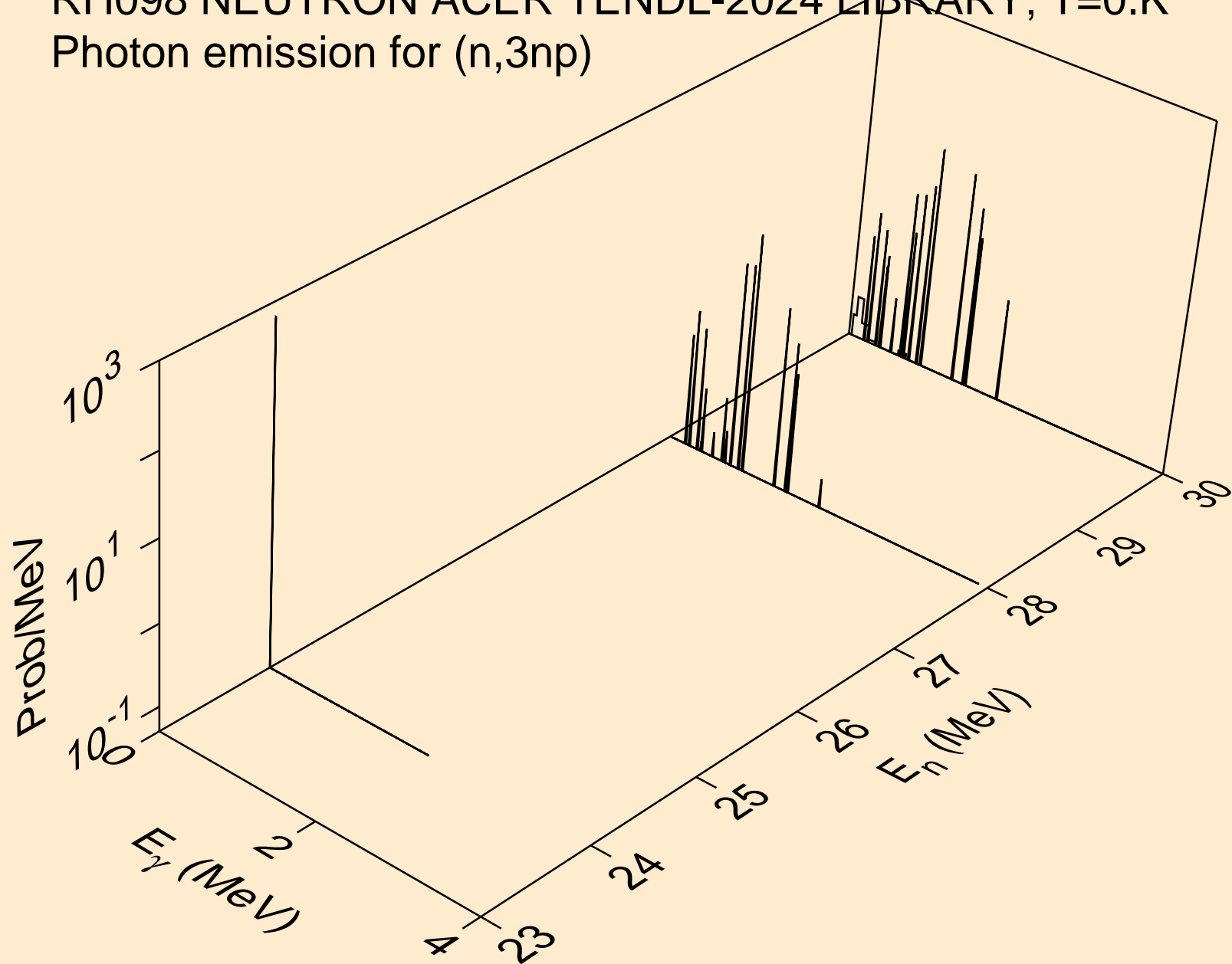




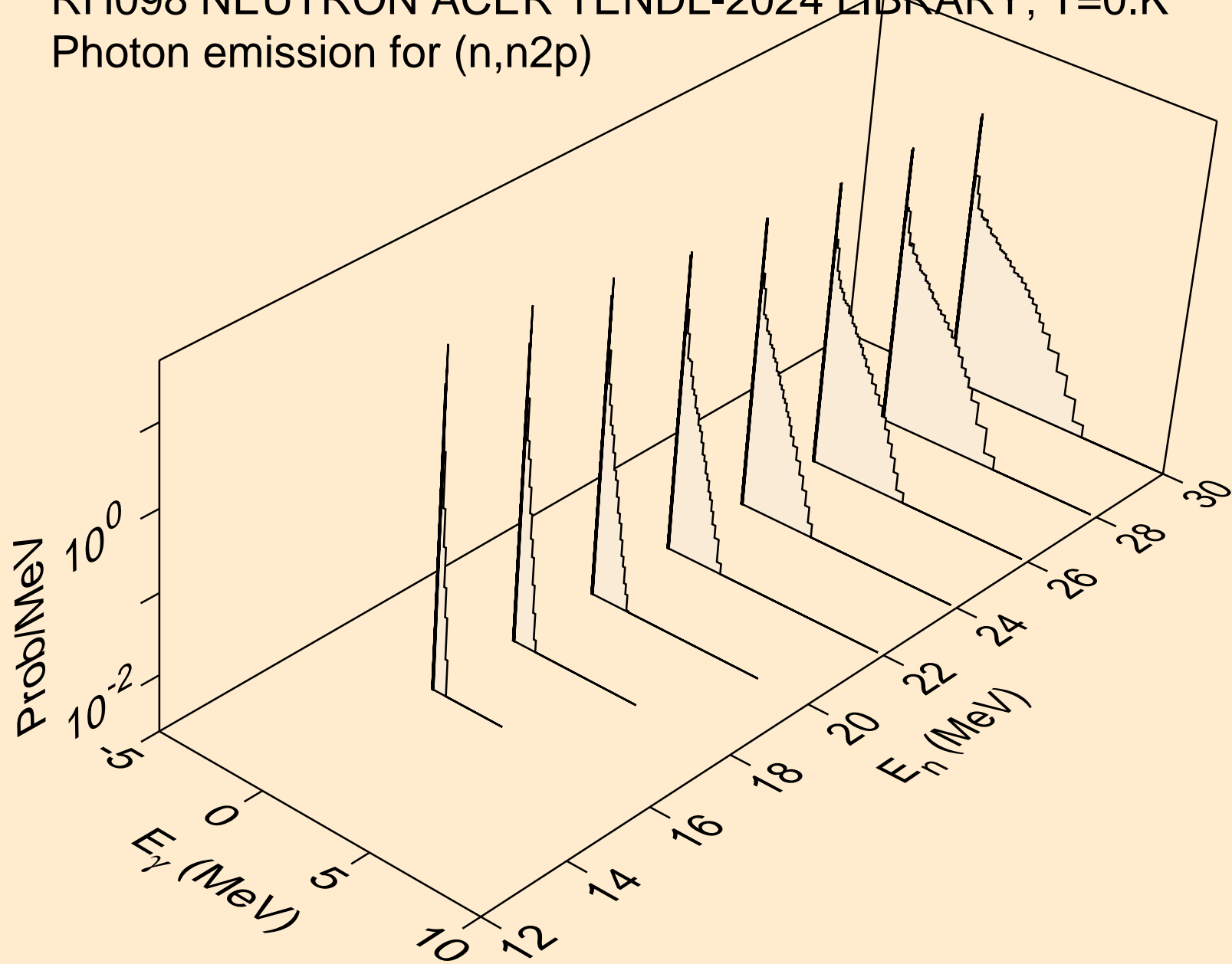
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Photon emission for (n,2np)



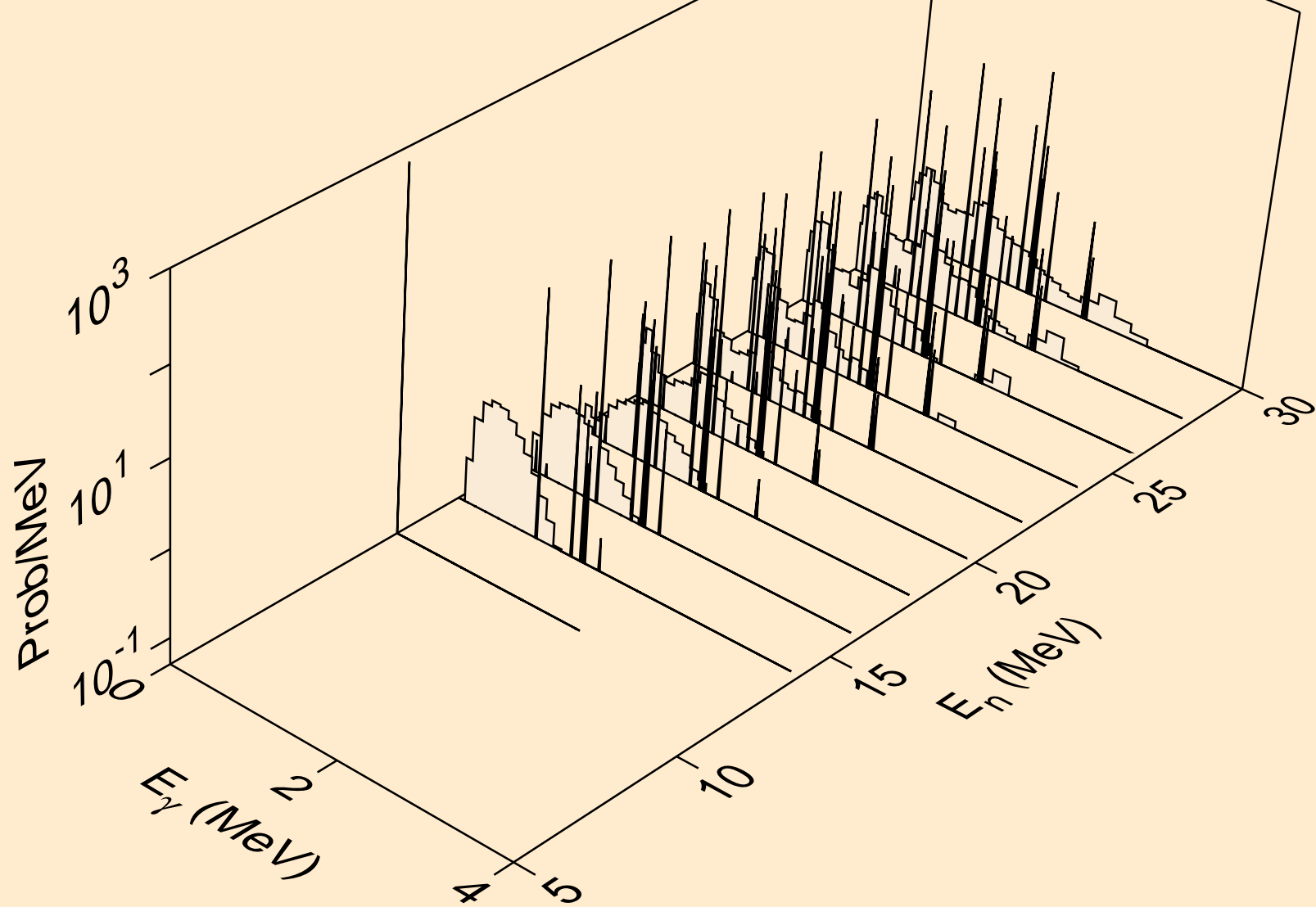
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Photon emission for (n,3np)



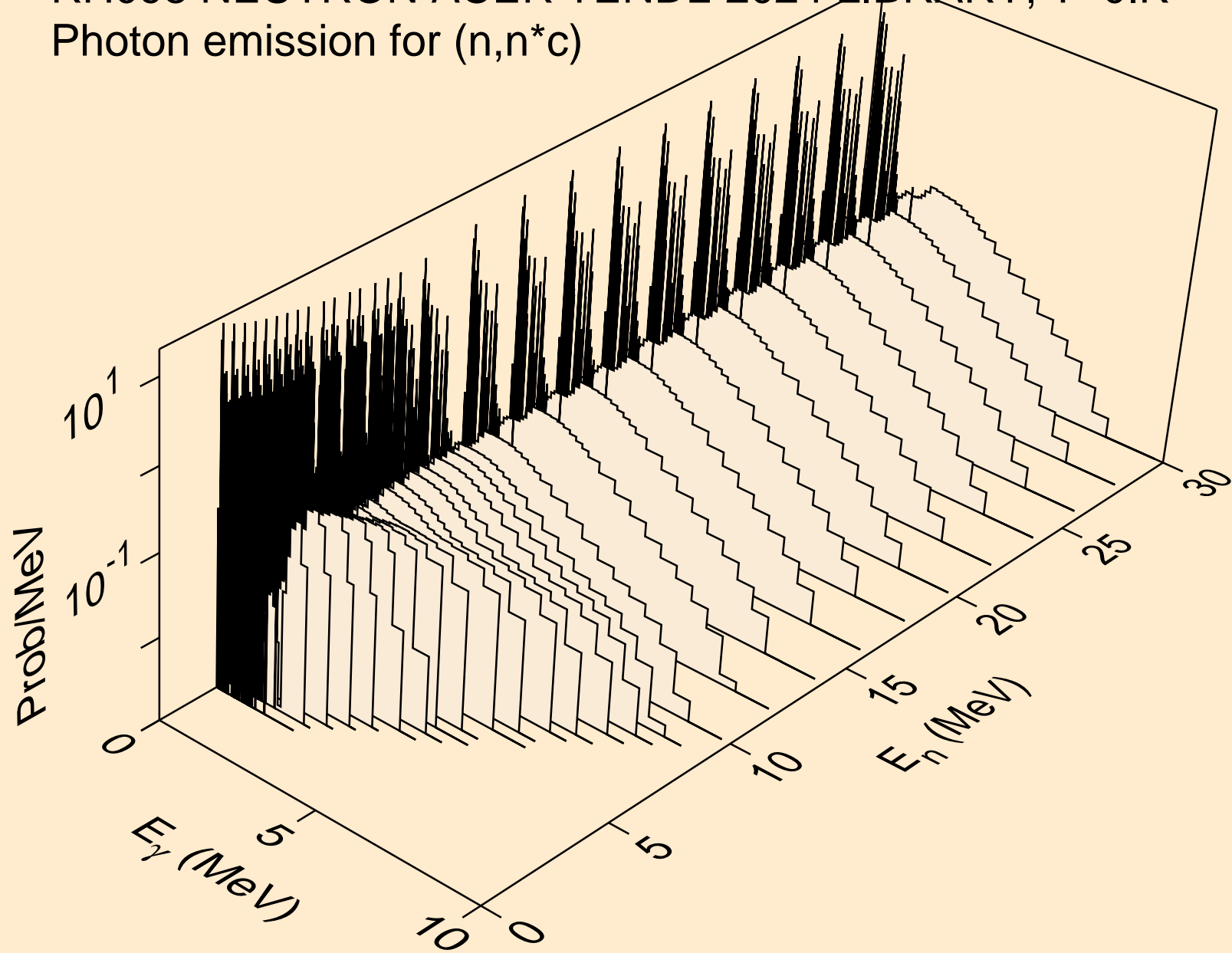
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Photon emission for (n,n2p)



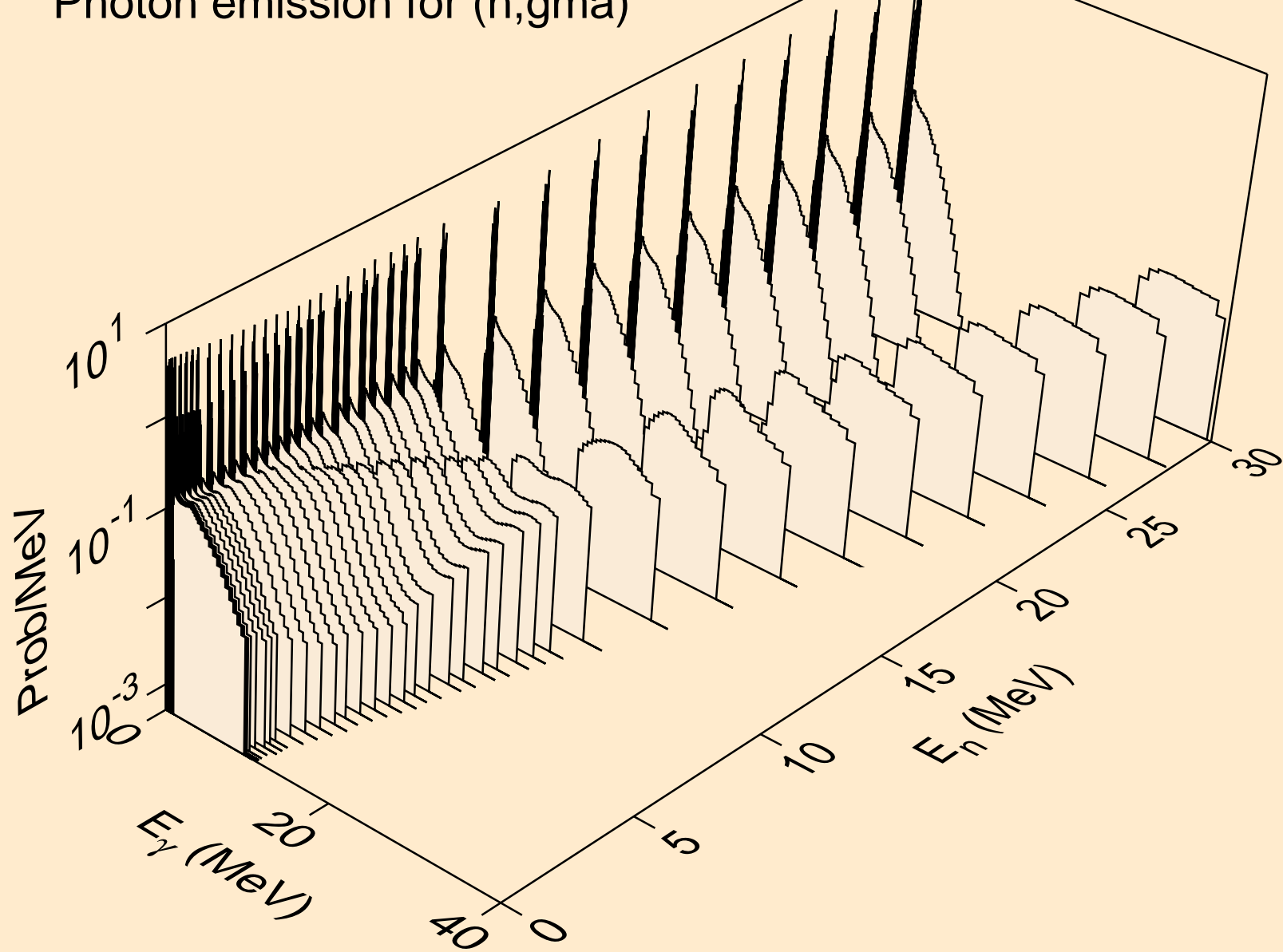
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Photon emission for (n,npa)



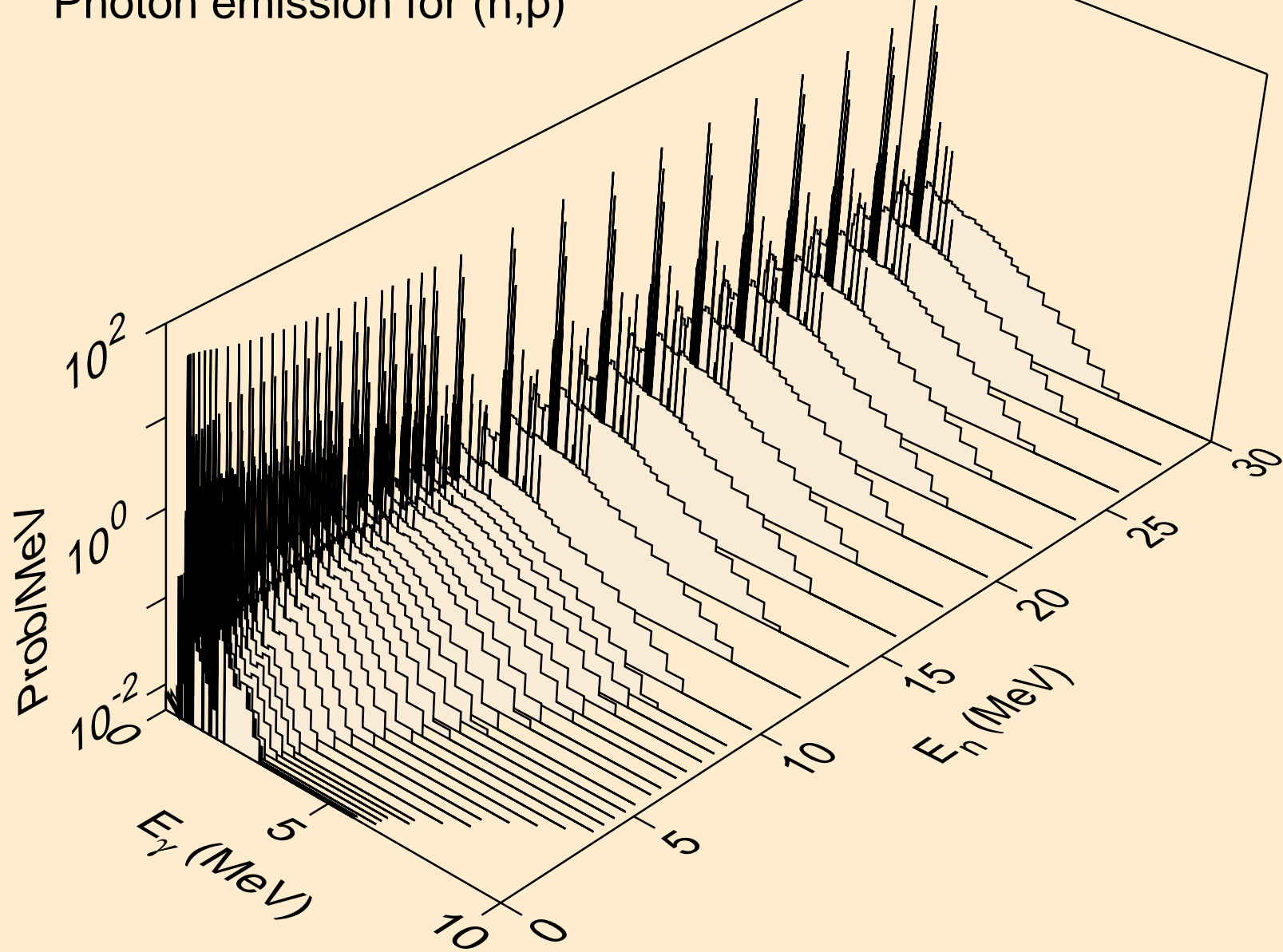
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Photon emission for (n,n\*c)



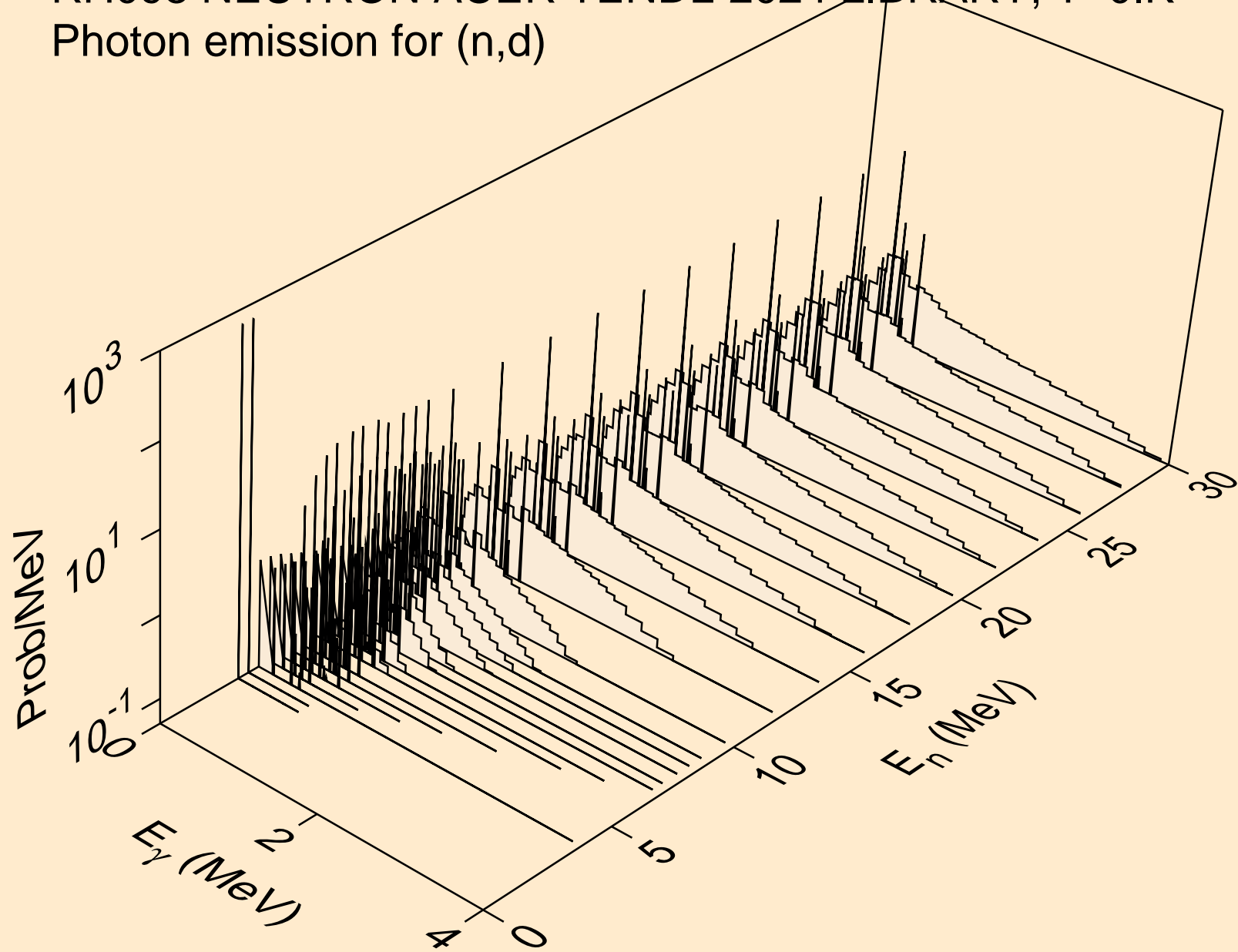
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

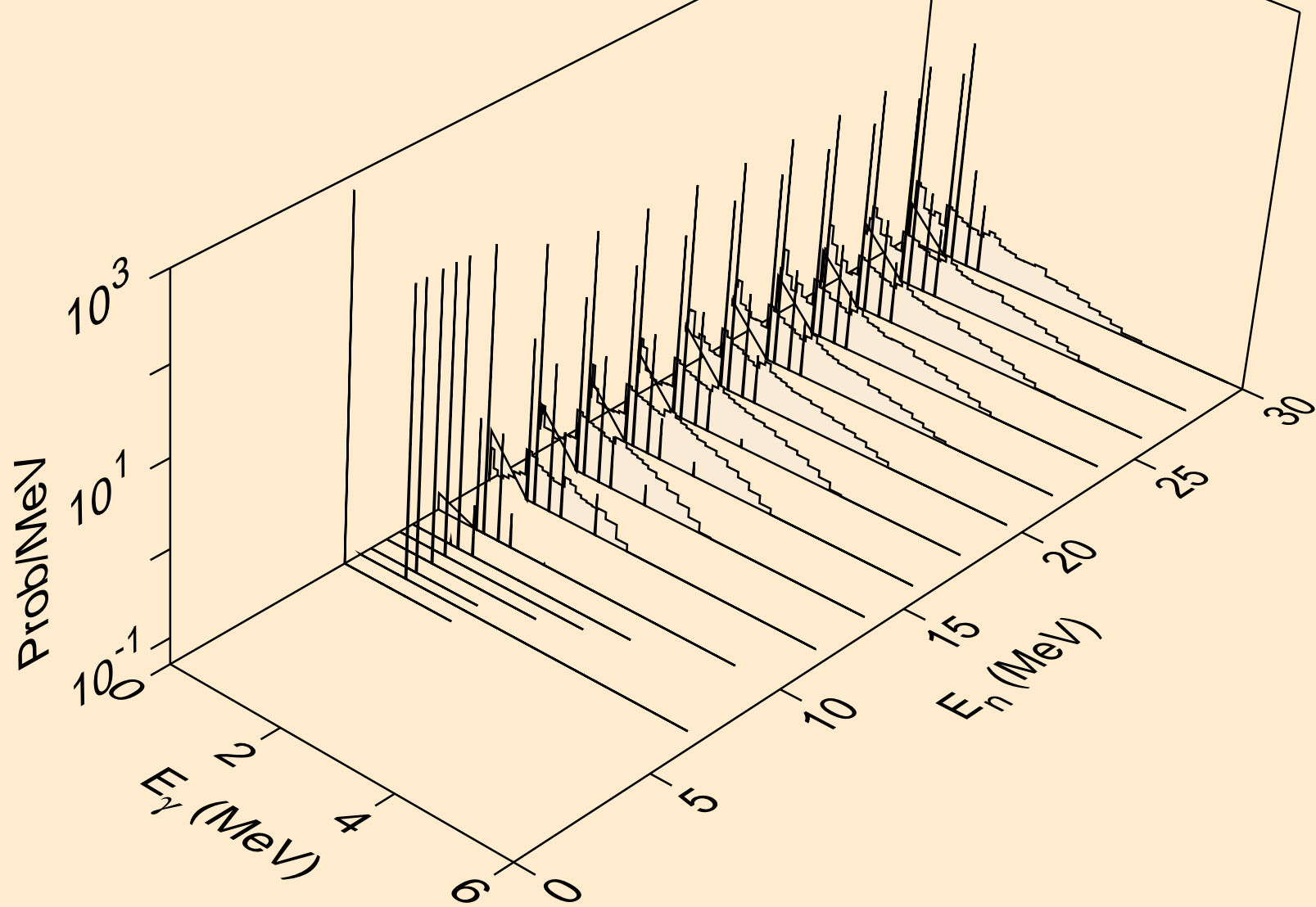


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Photon emission for (n,d)

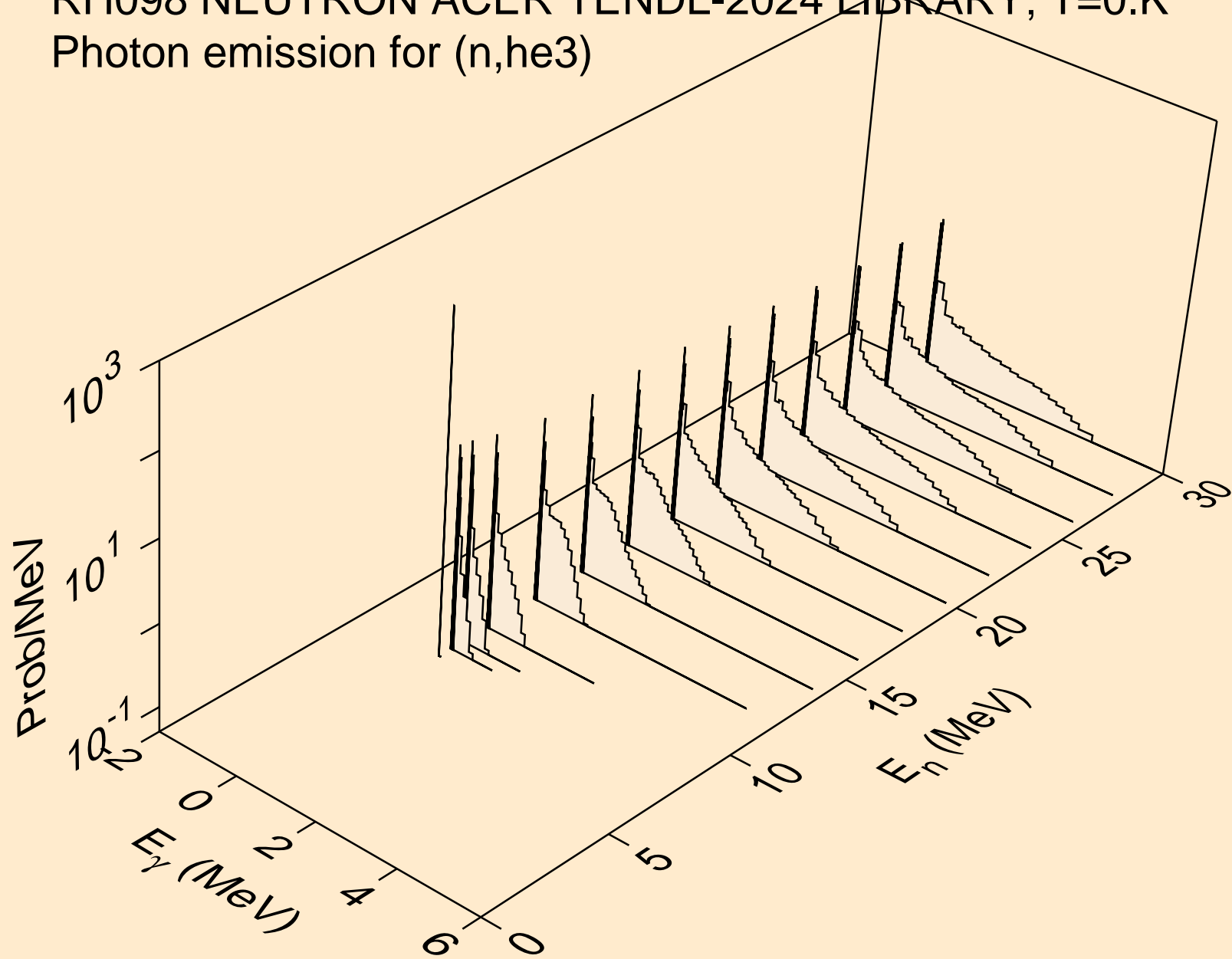




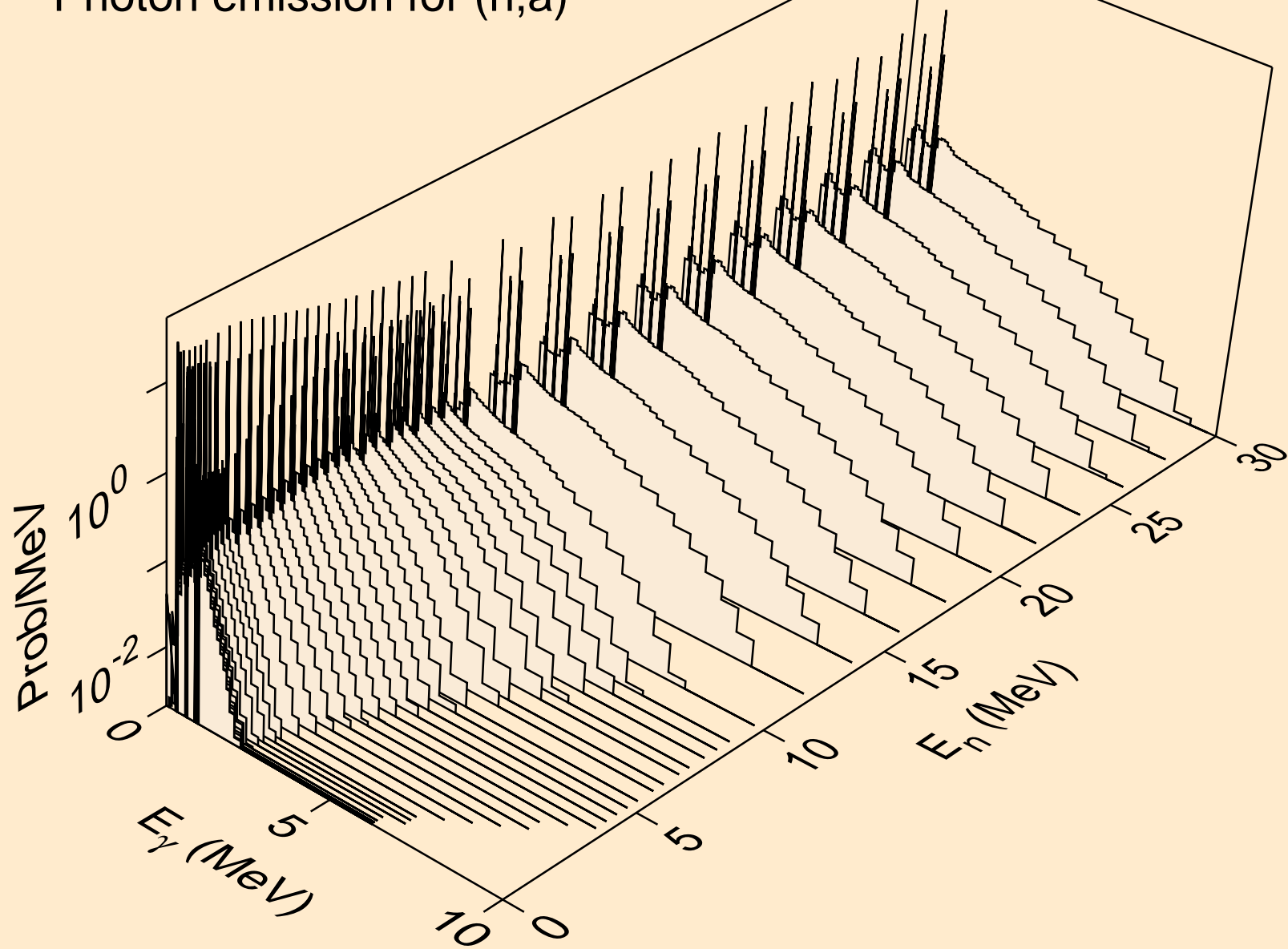
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Photon emission for (n,t)



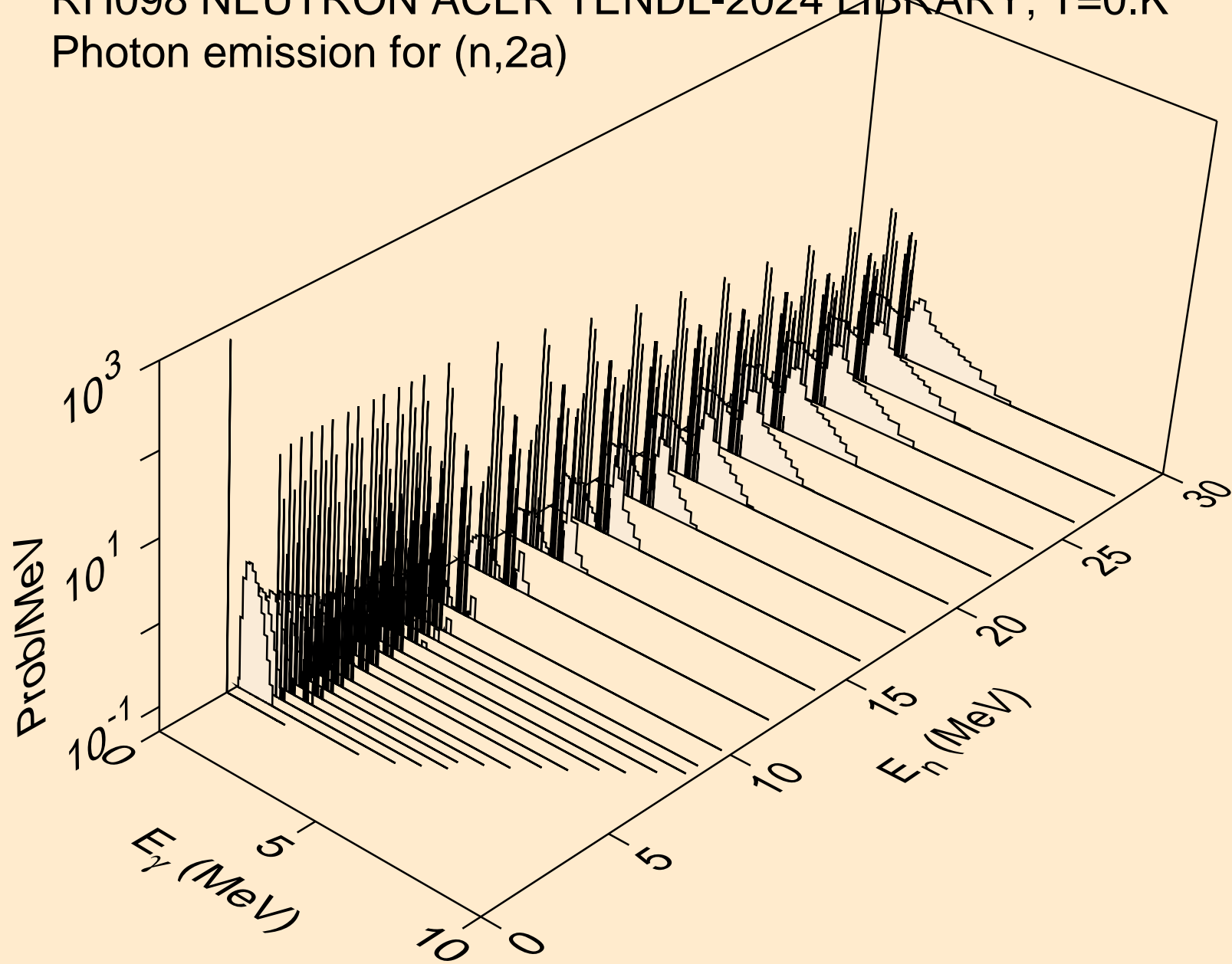
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Photon emission for (n,he3)



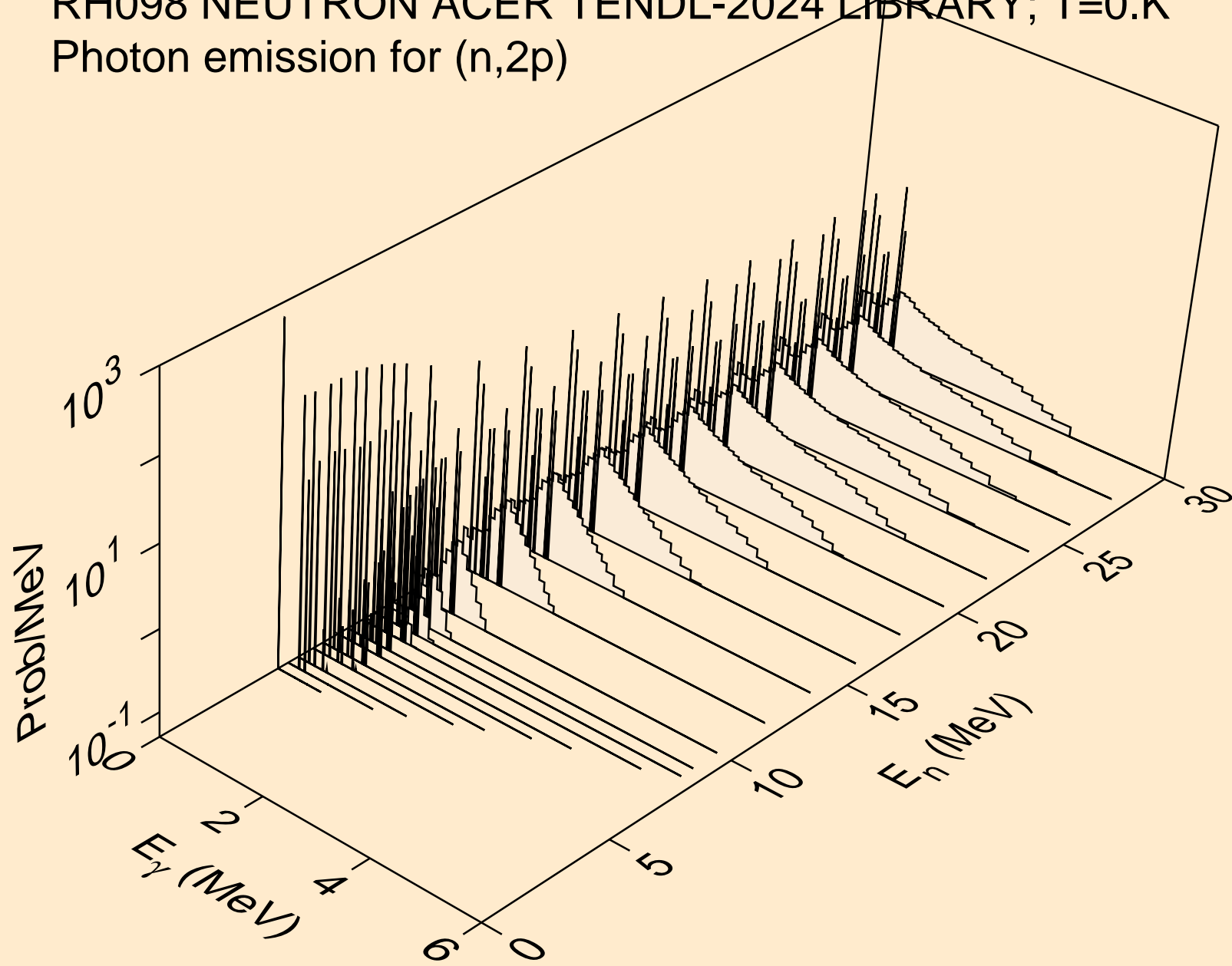
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Photon emission for (n,a)



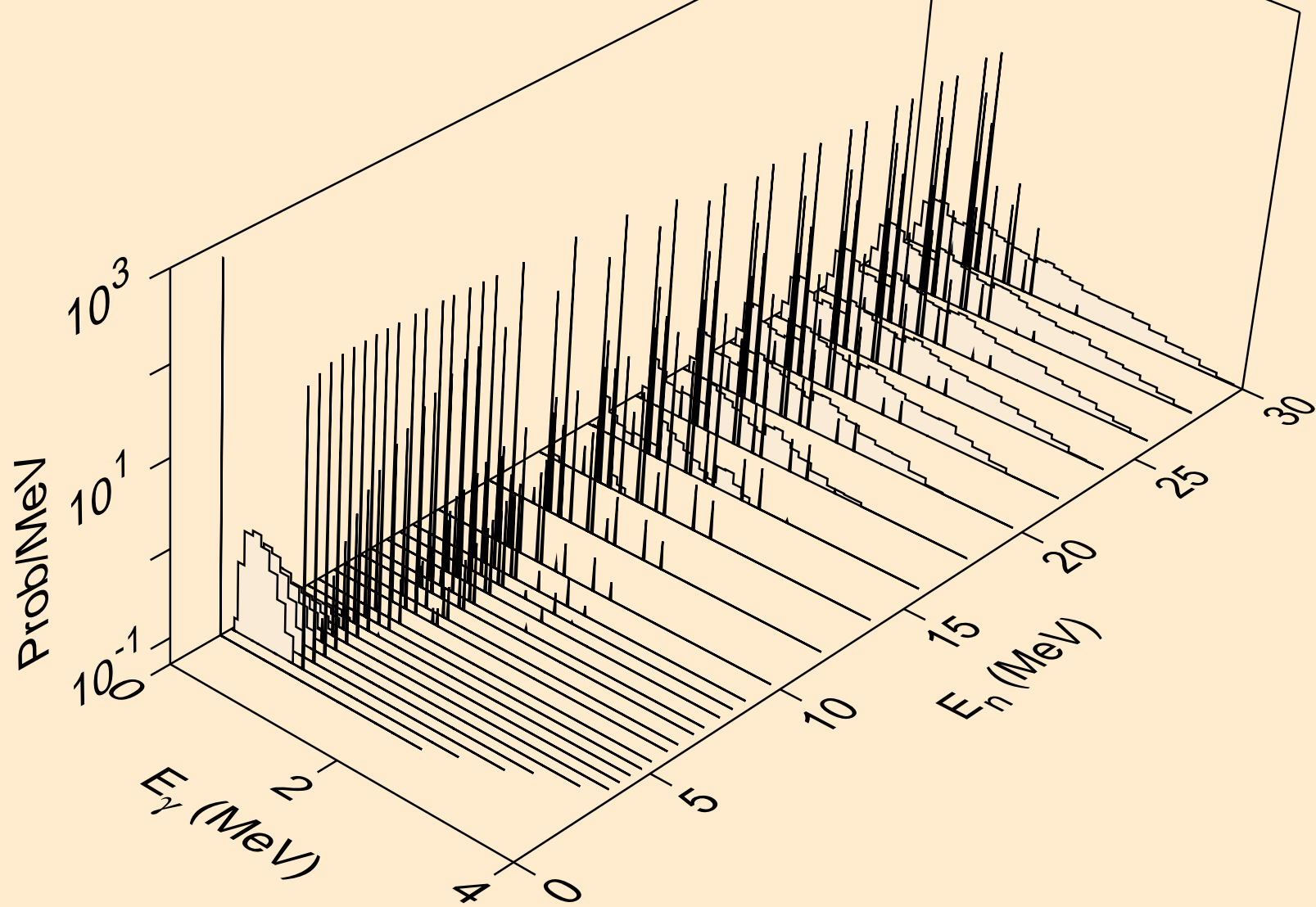
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Photon emission for (n,2a)



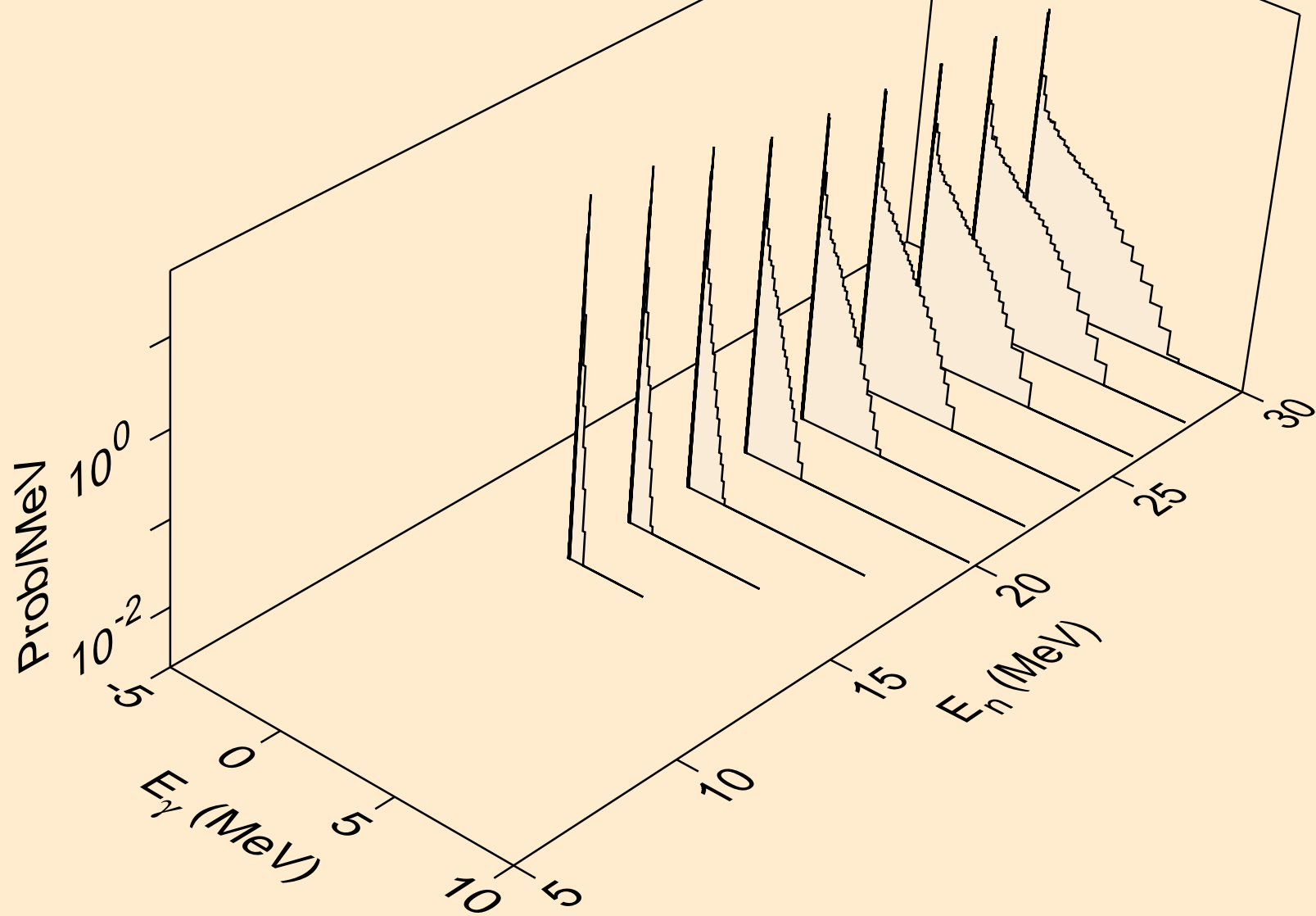
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Photon emission for (n,2p)



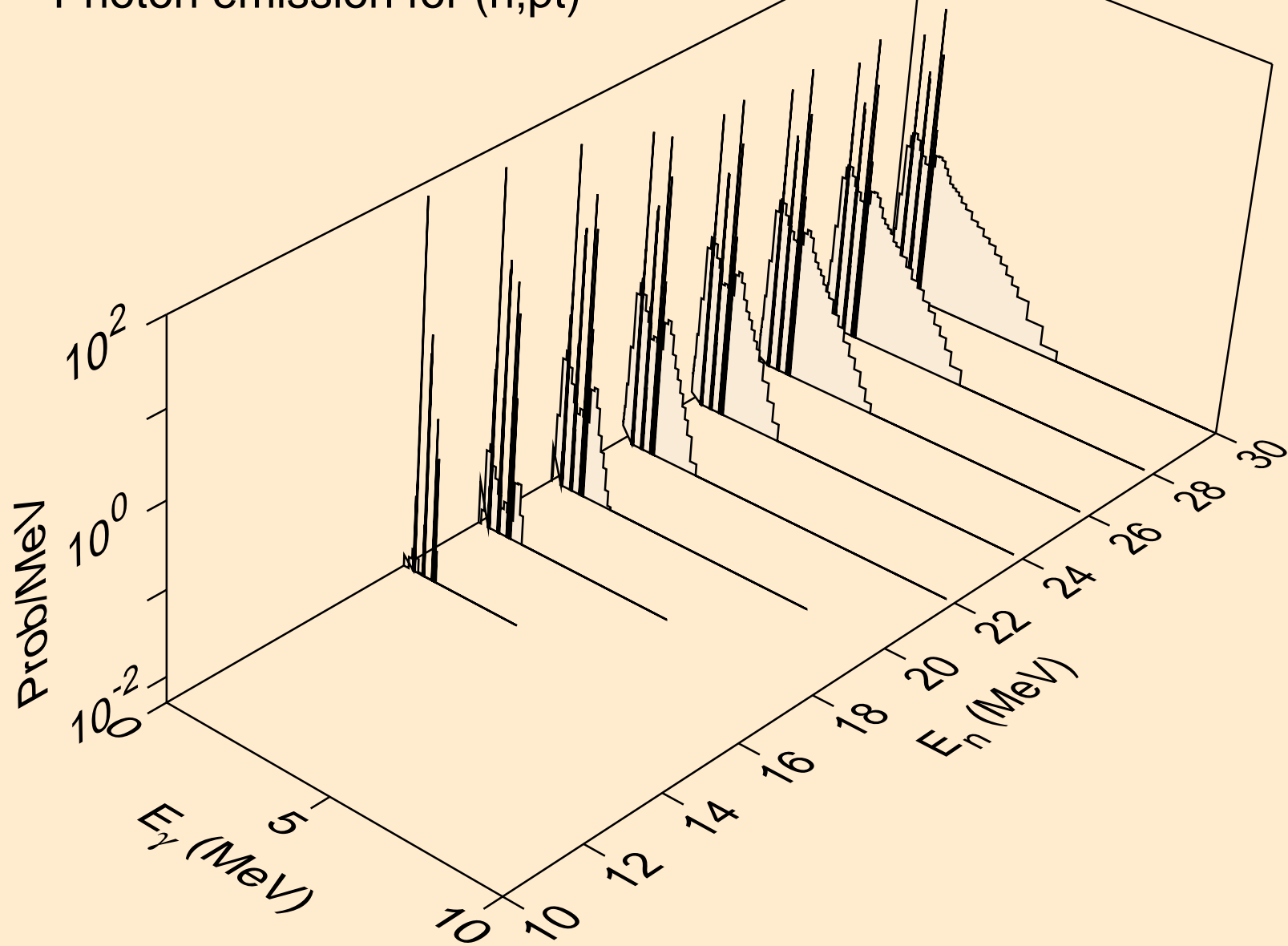
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

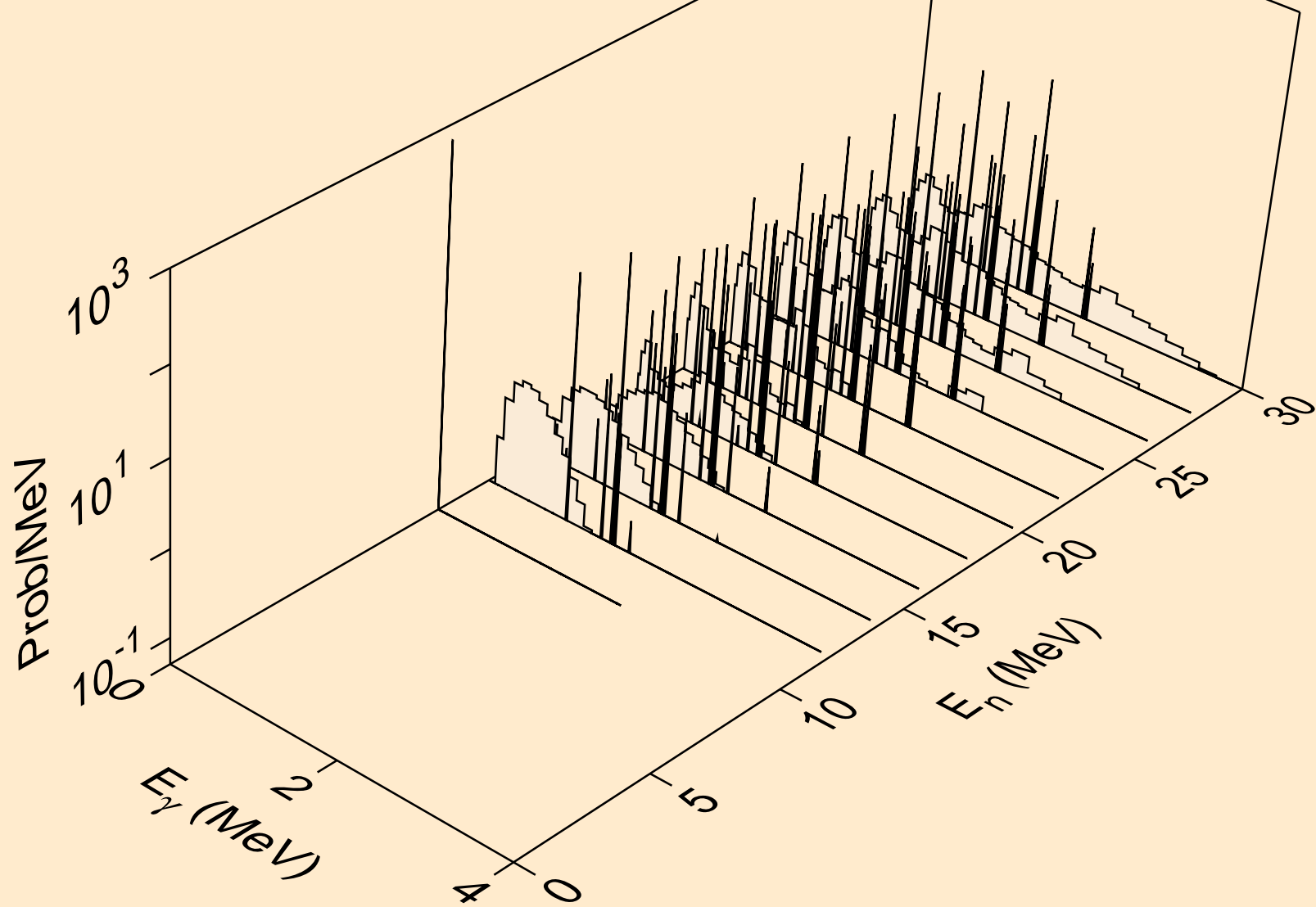


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Photon emission for (n,pt)

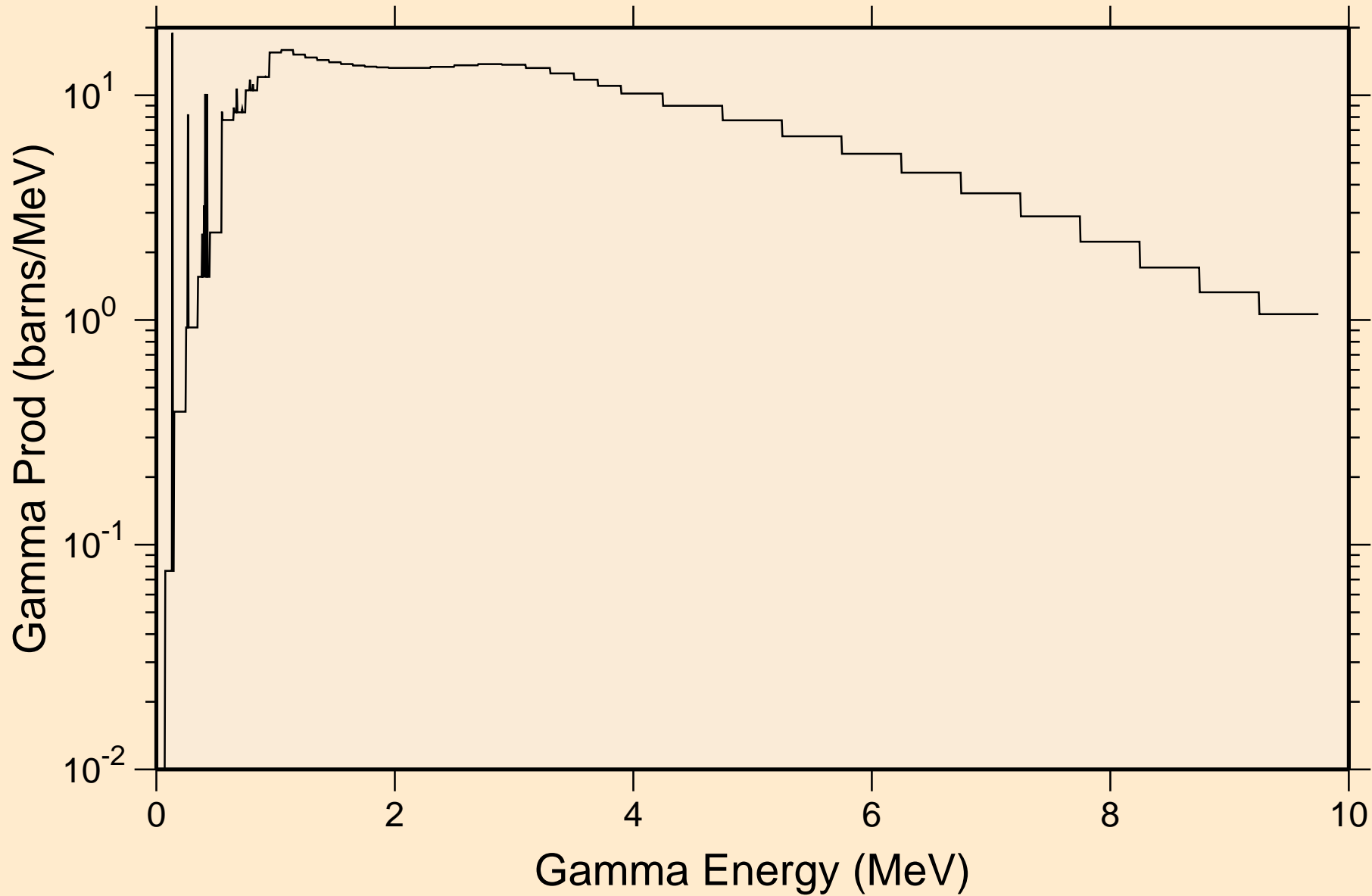




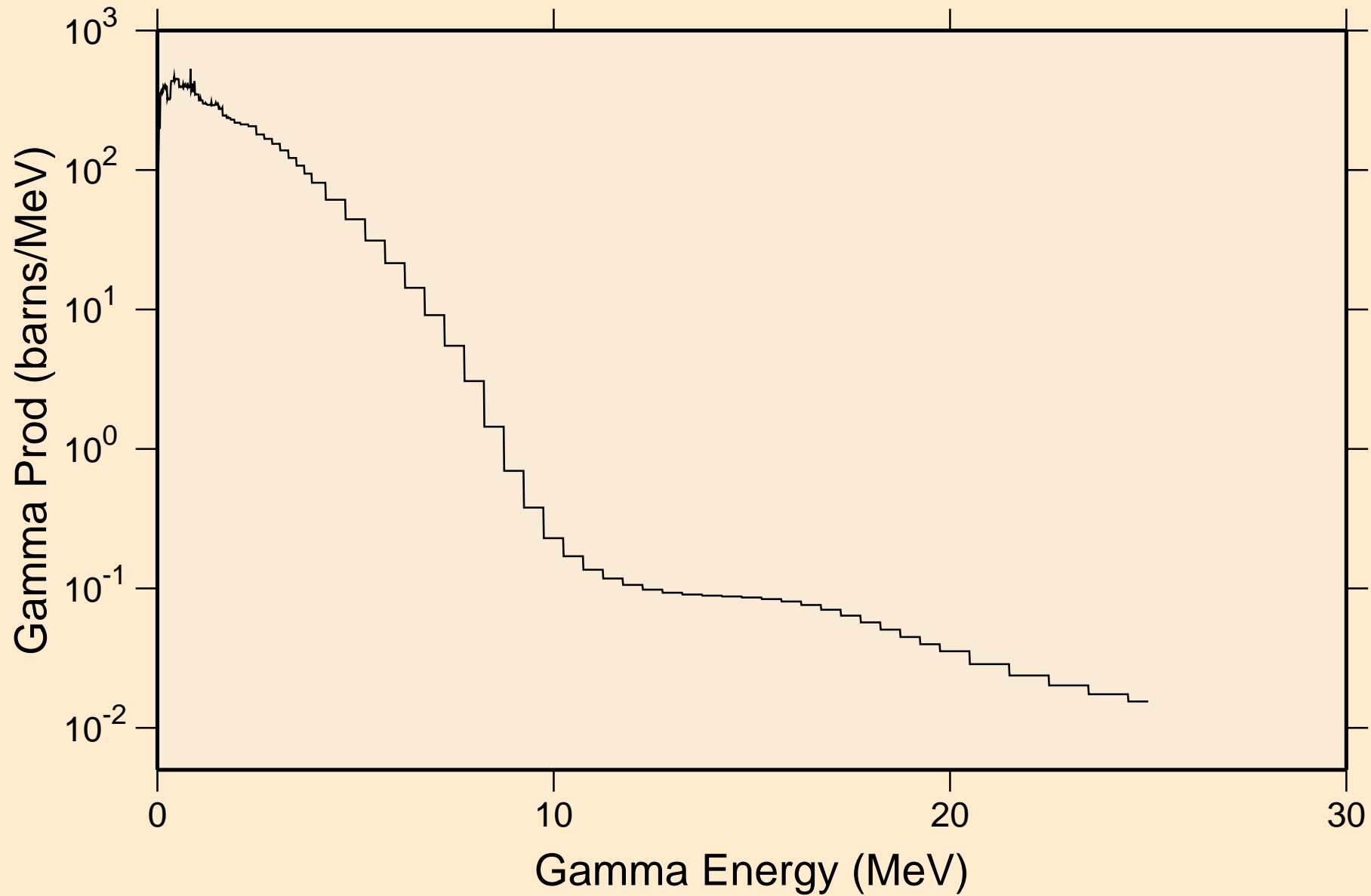
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

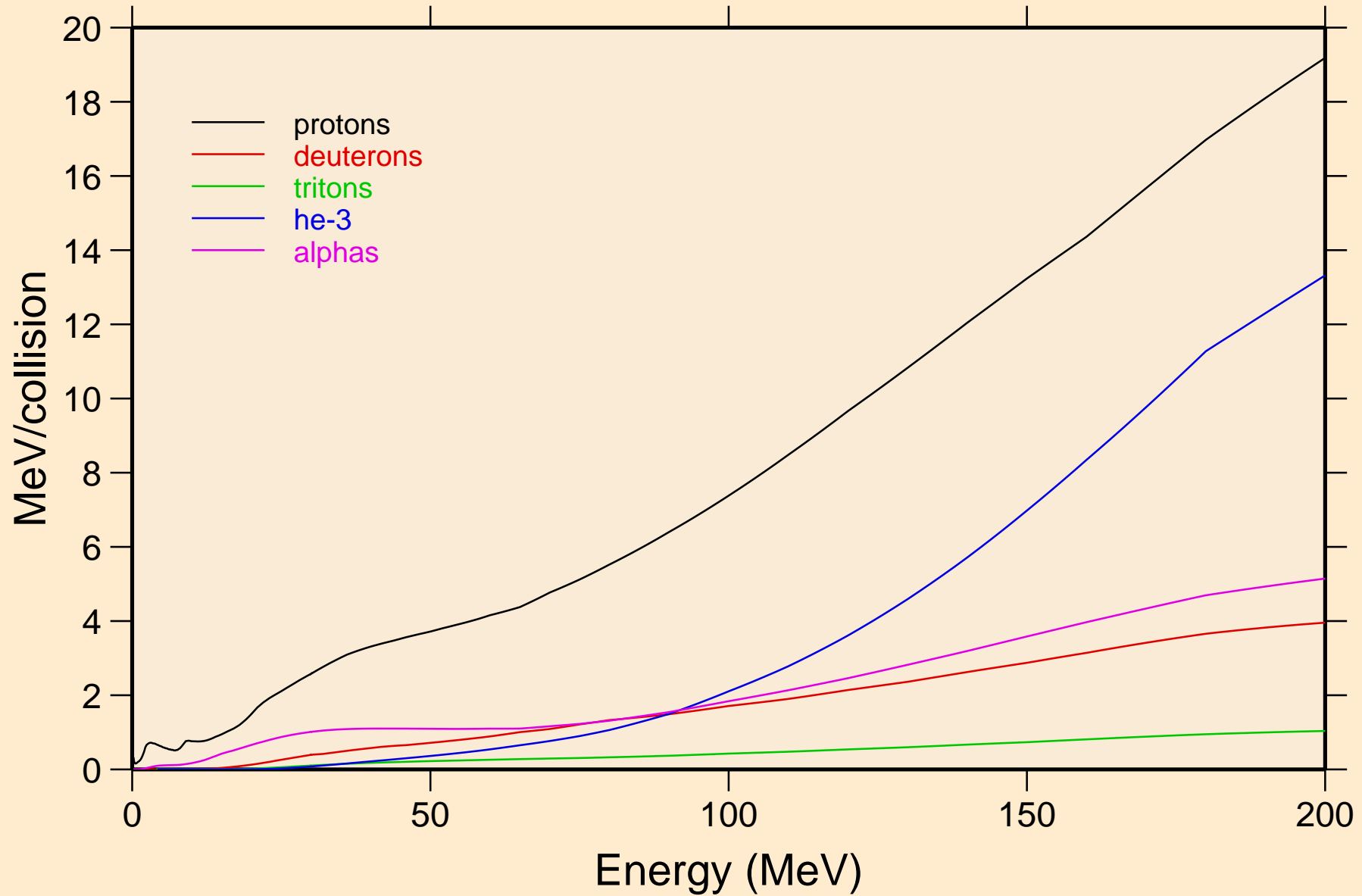


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



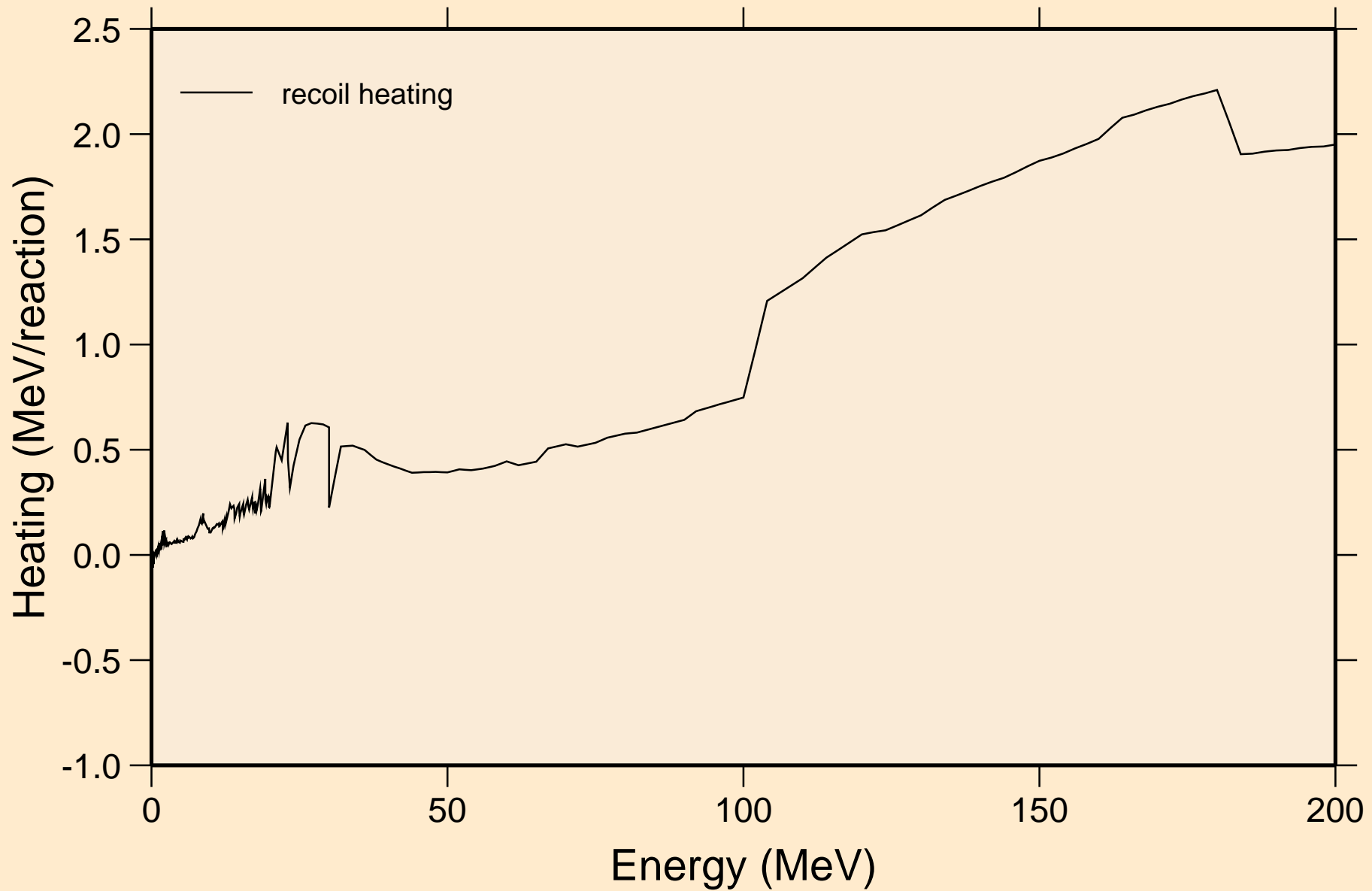
# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

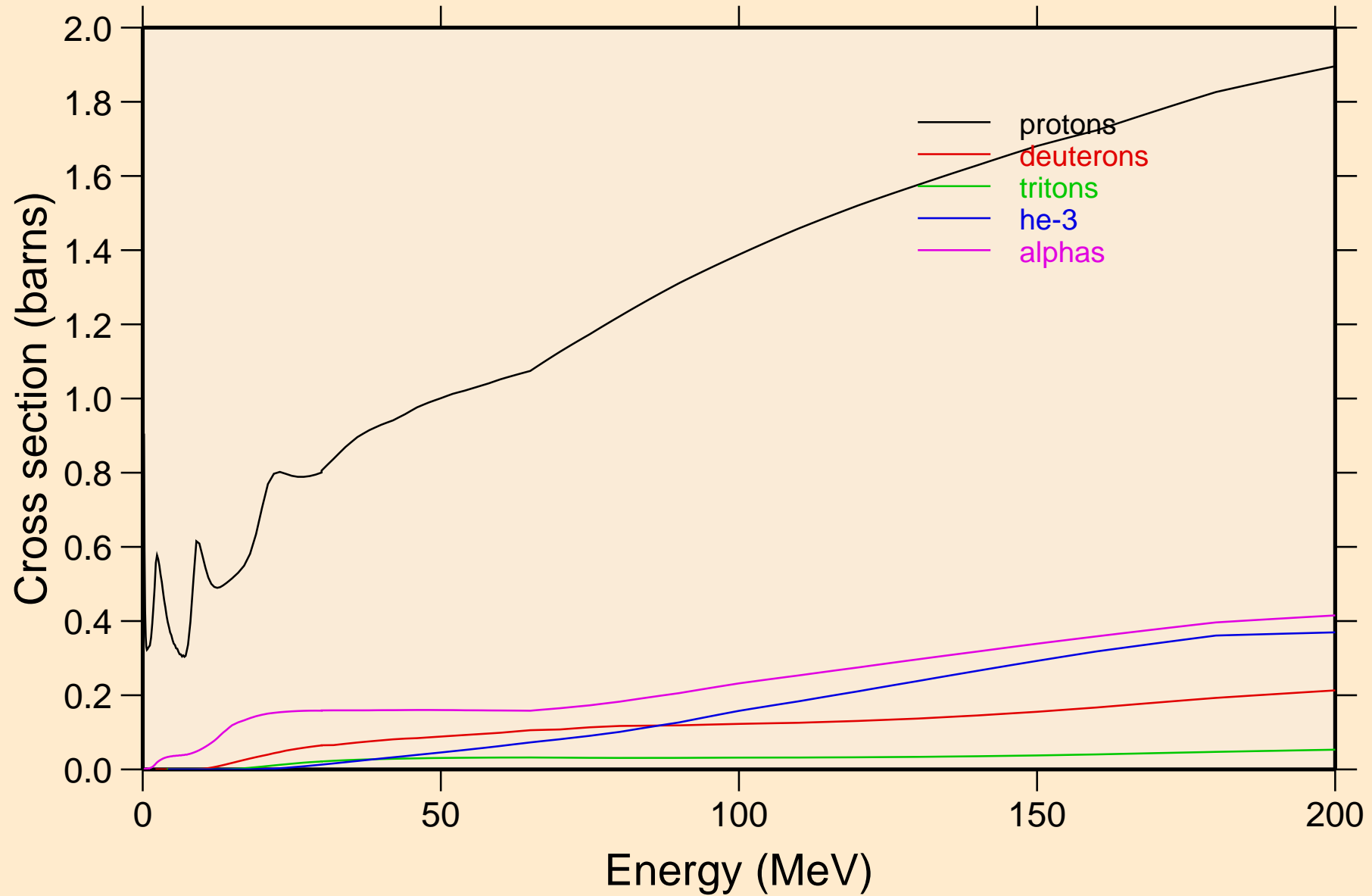


# RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

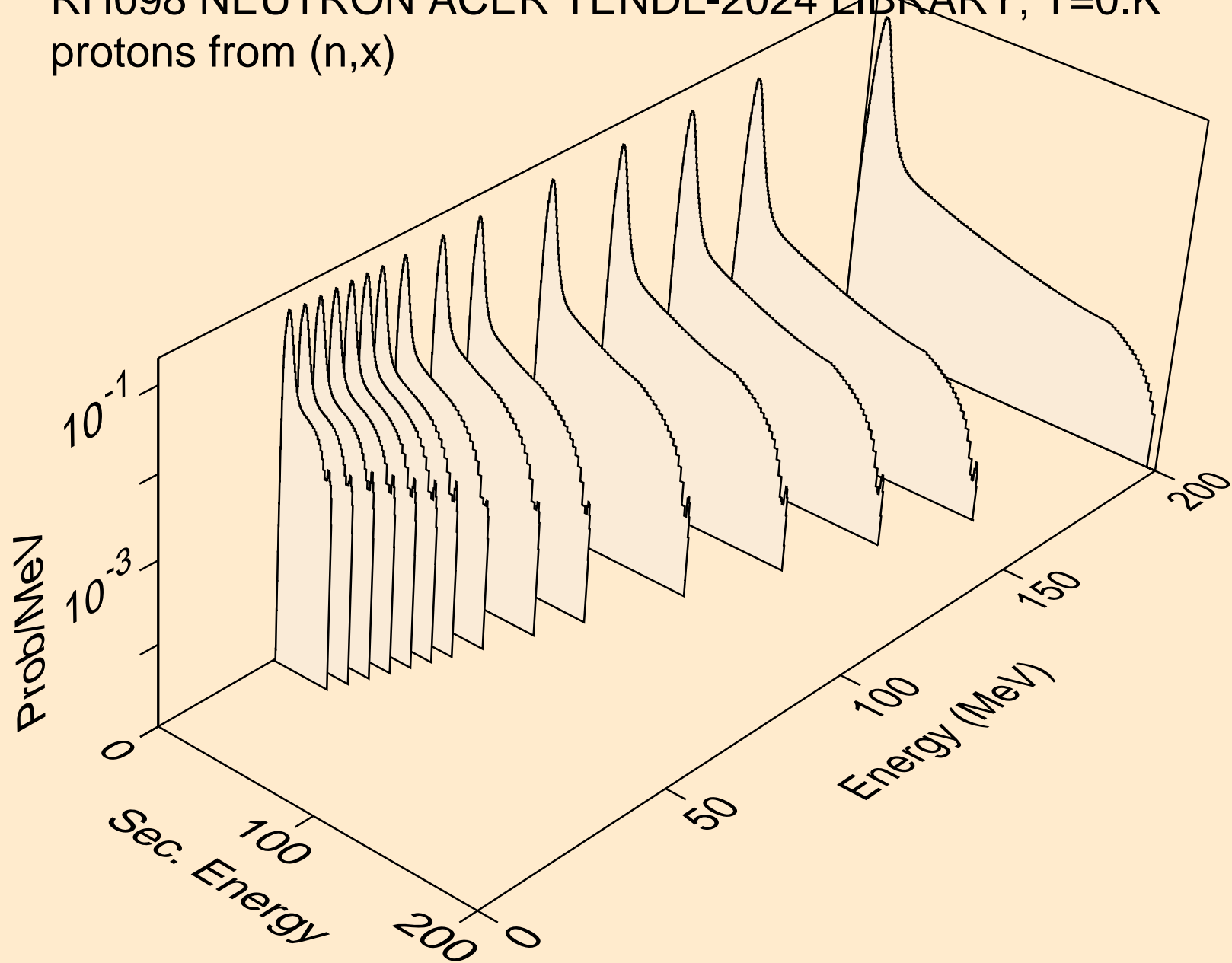
## Recoil Heating



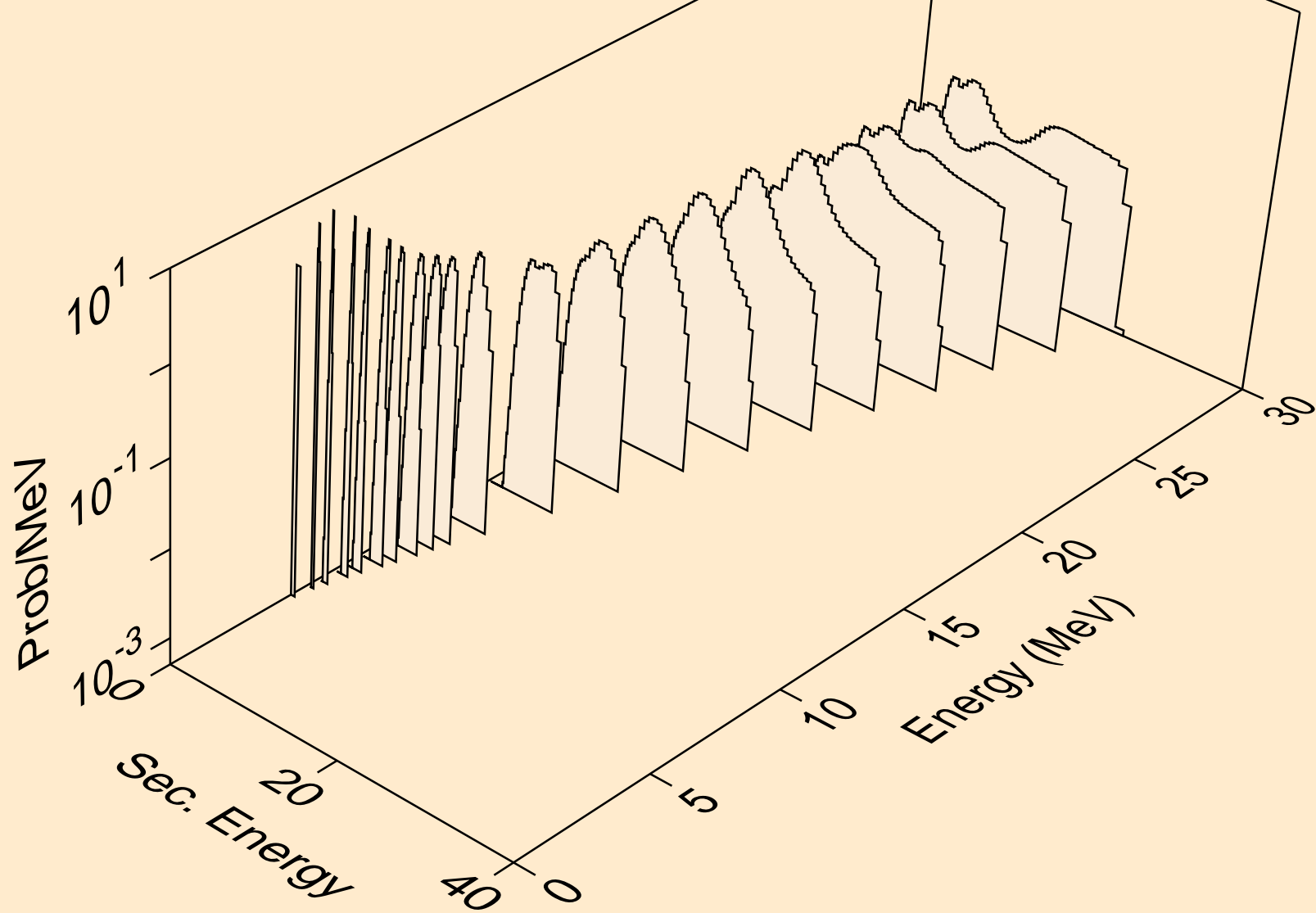
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

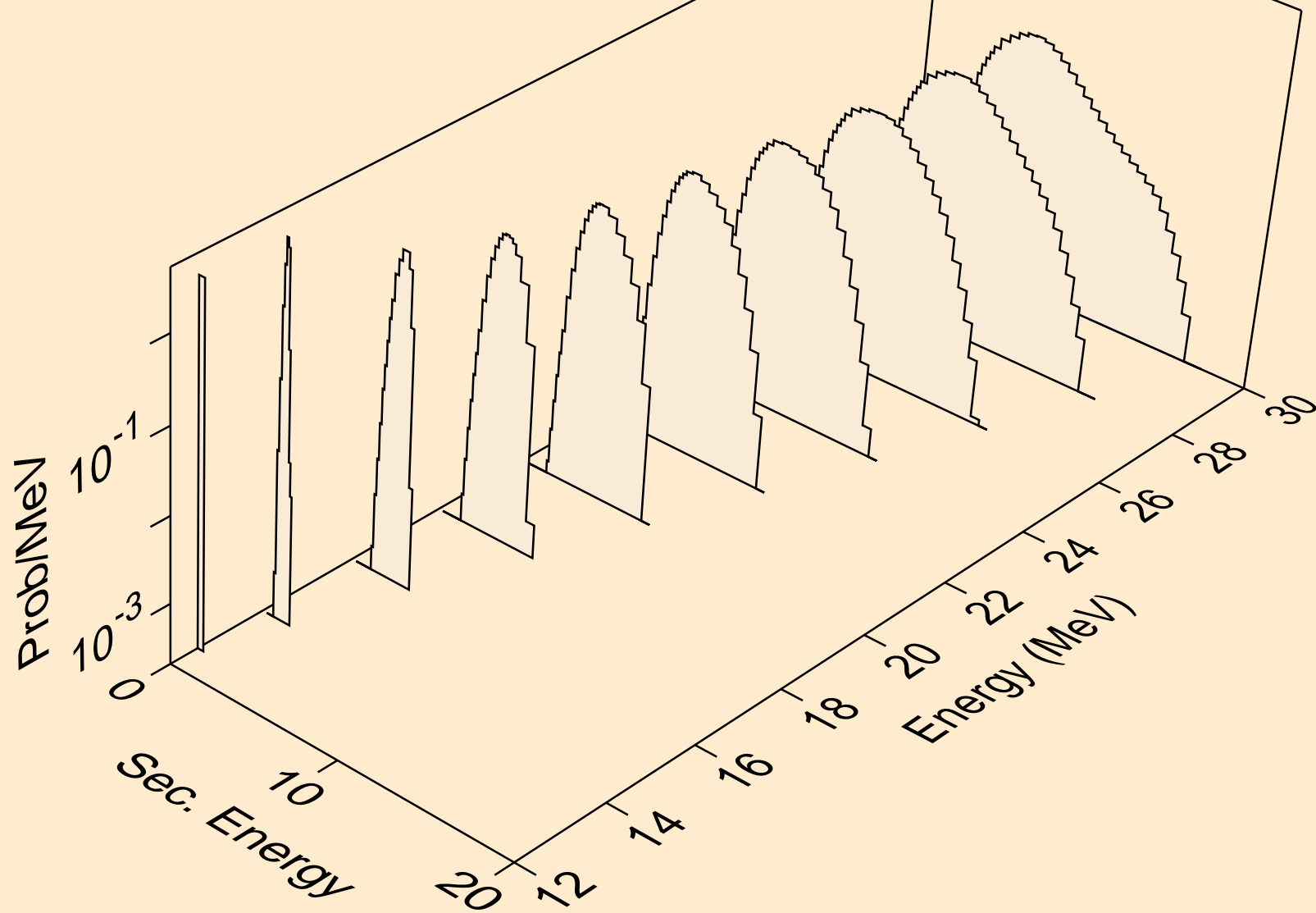


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

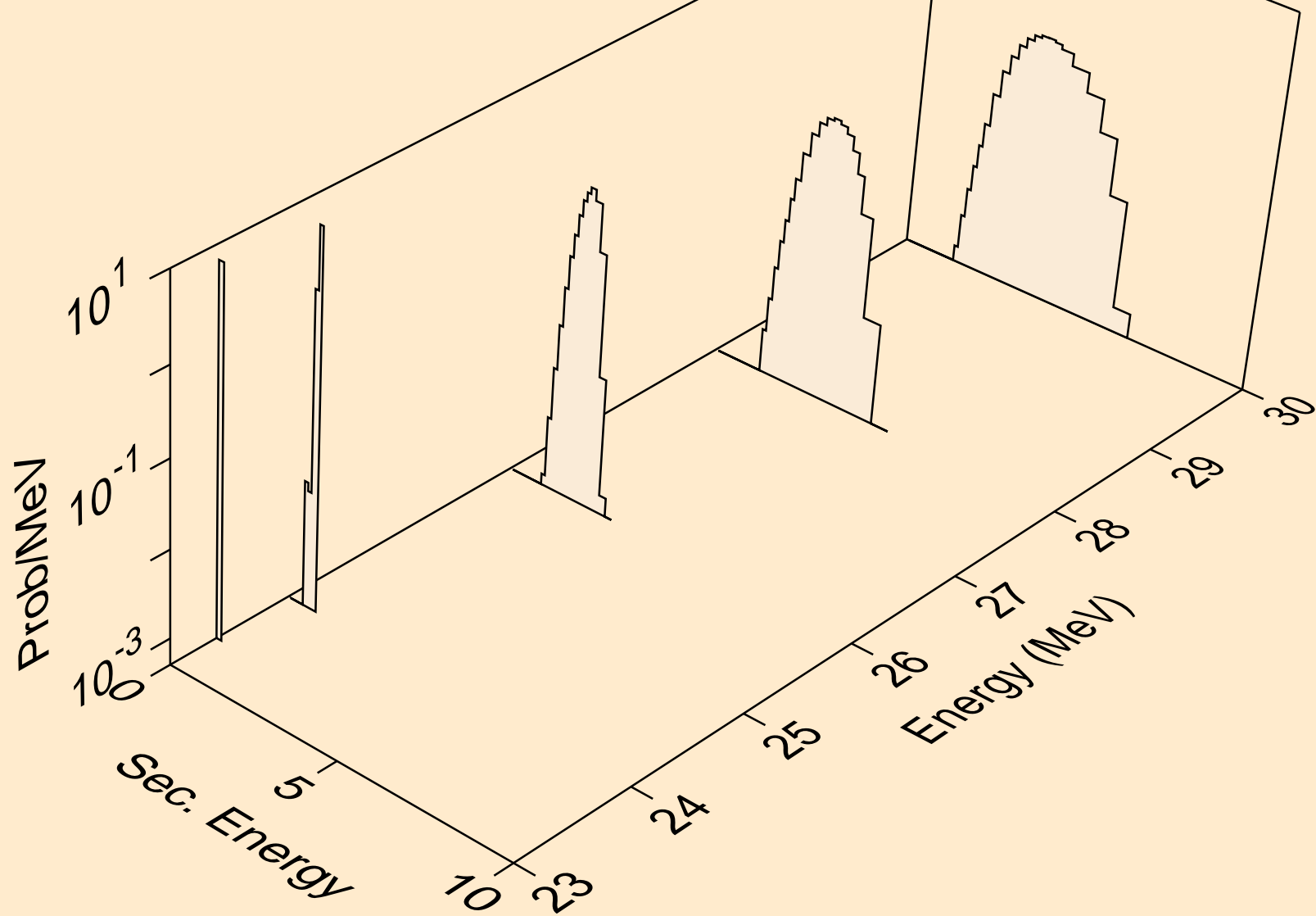




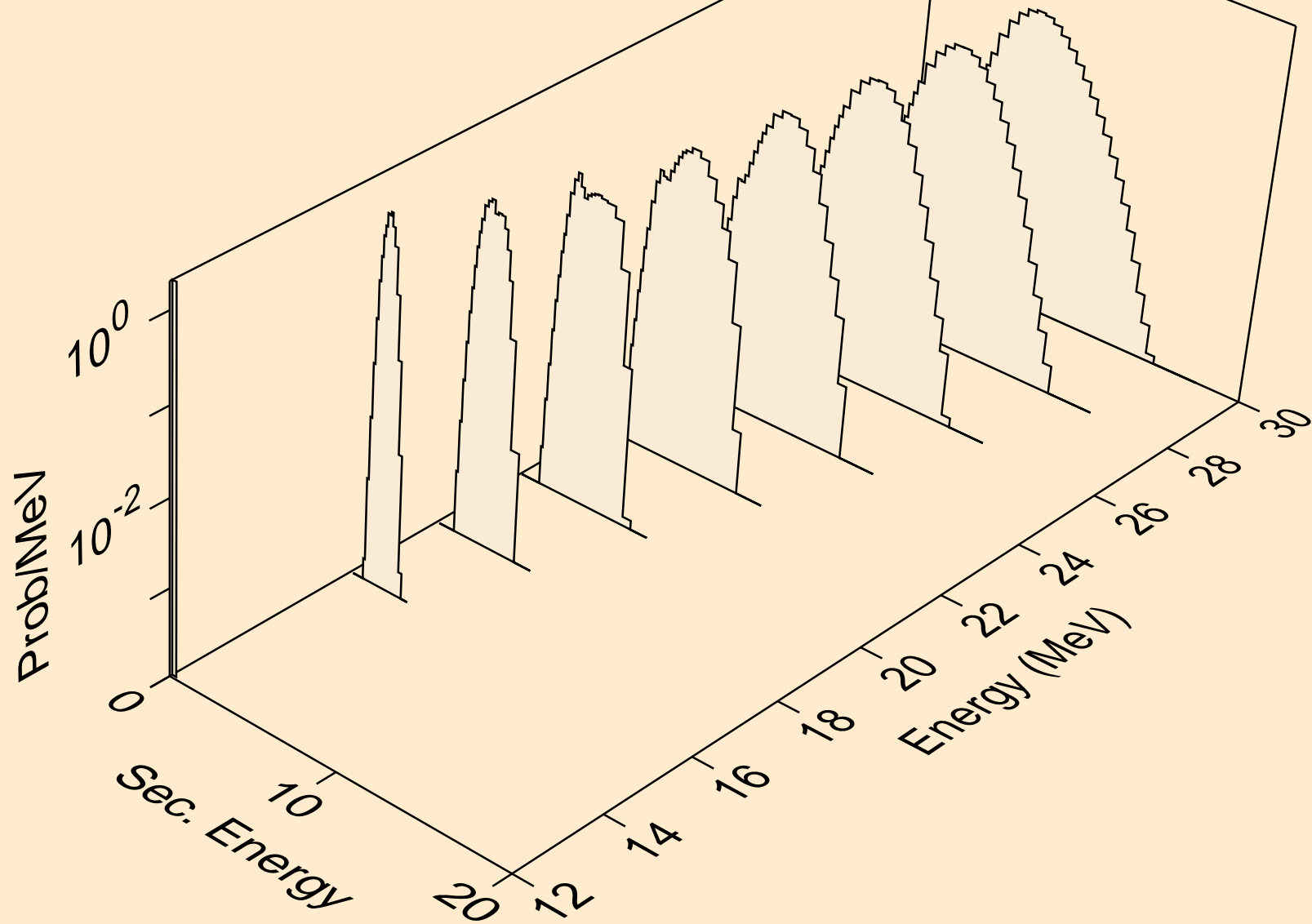
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protons from (n,2np)



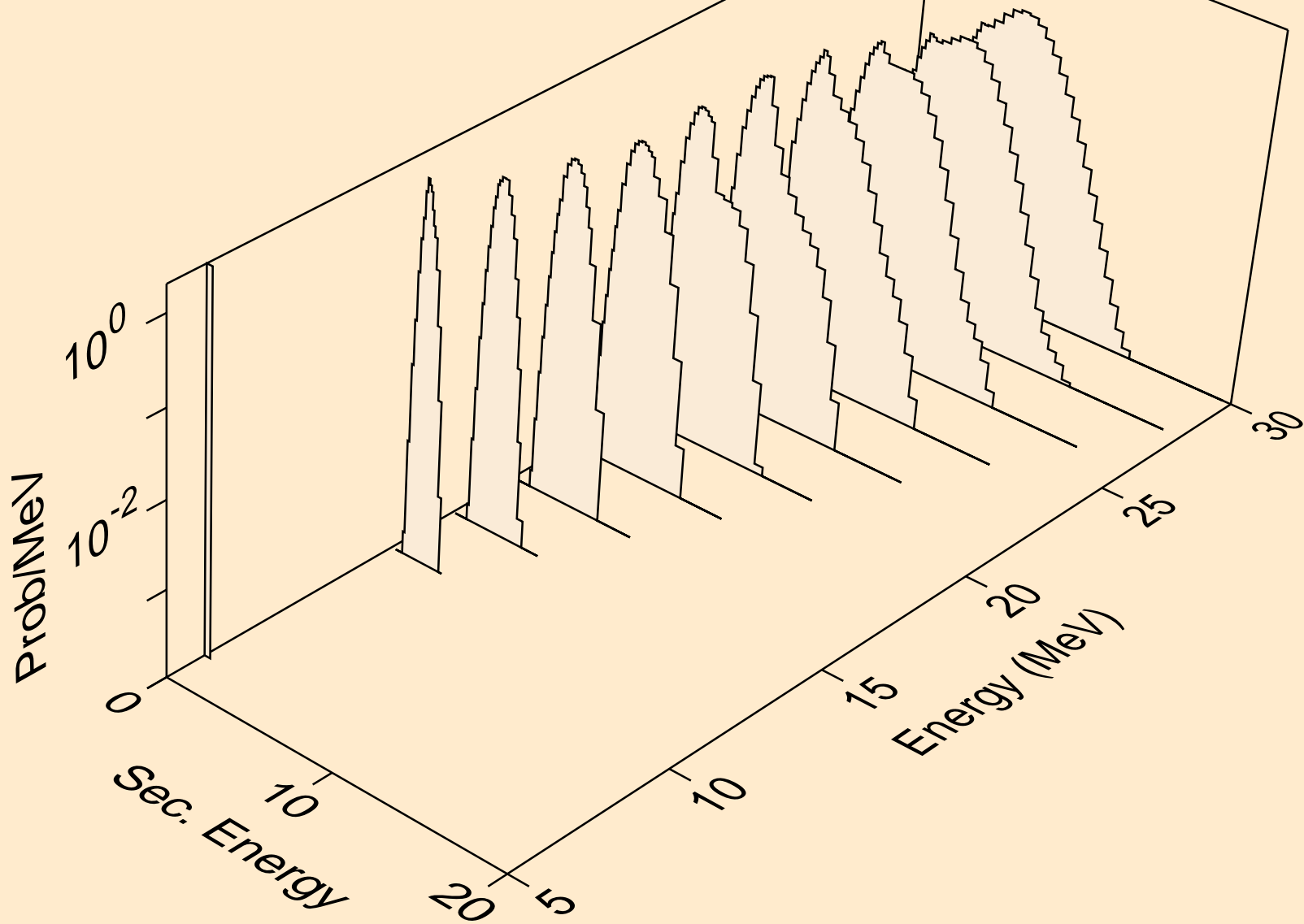
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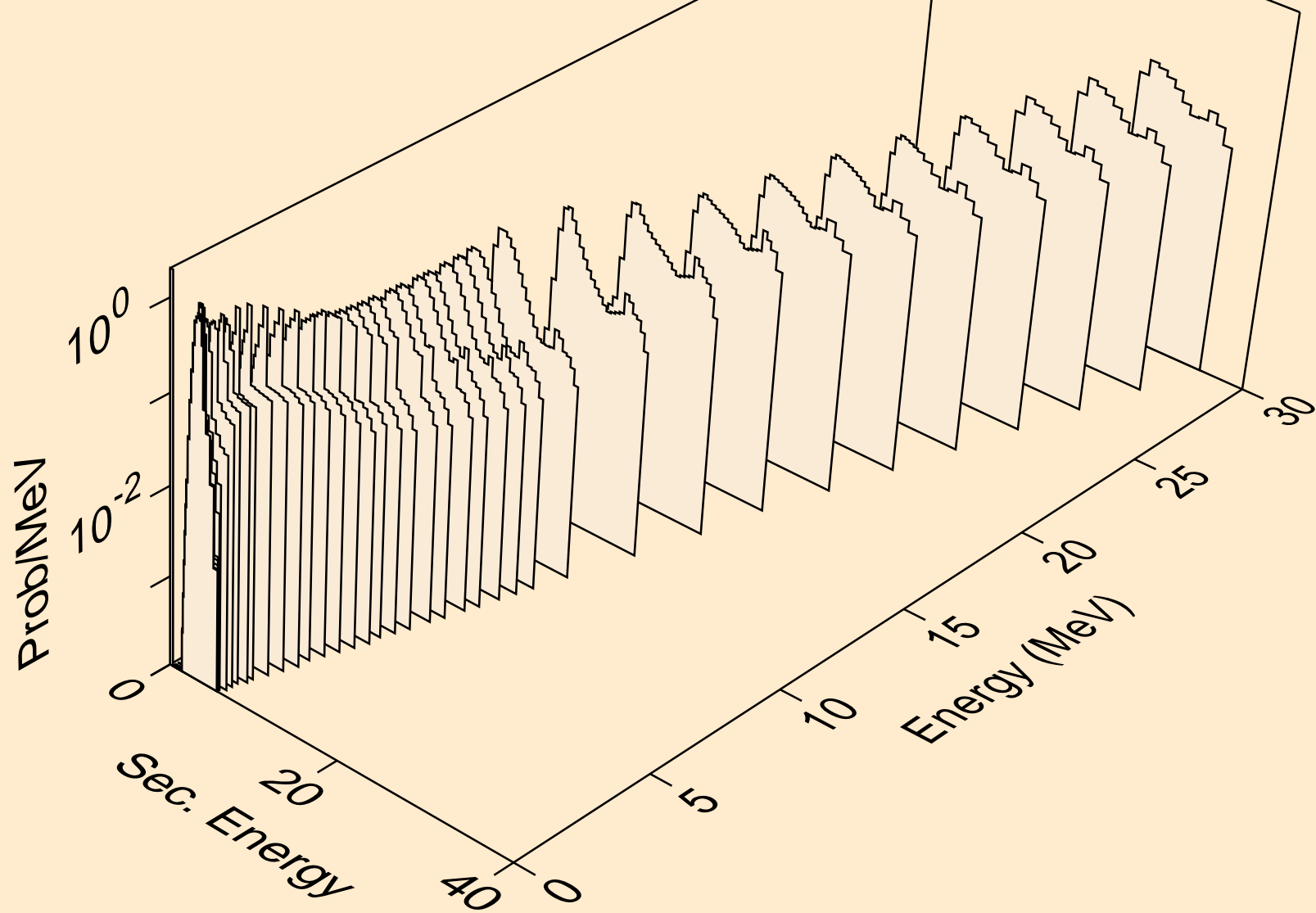
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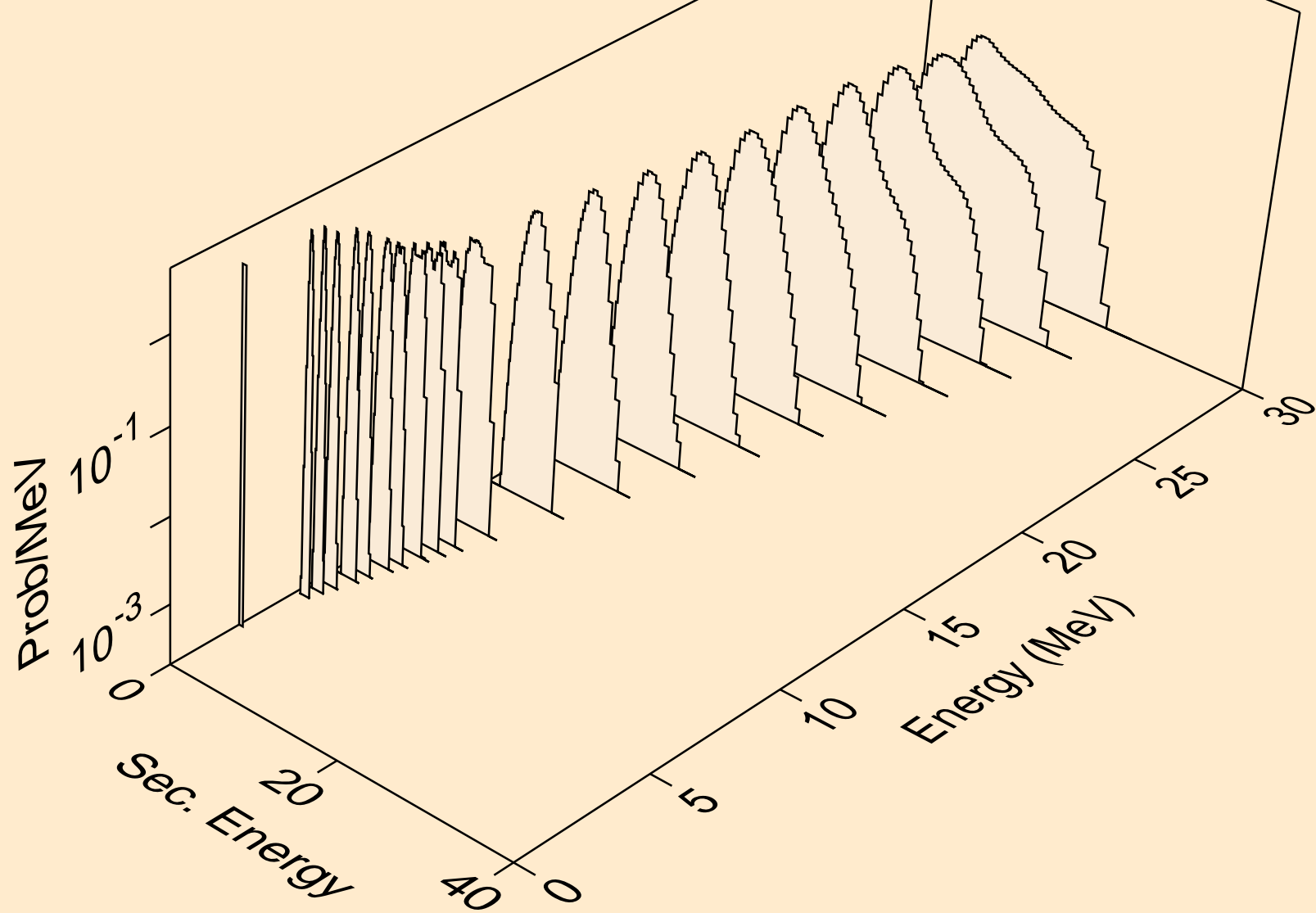
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protons from (n,npa)



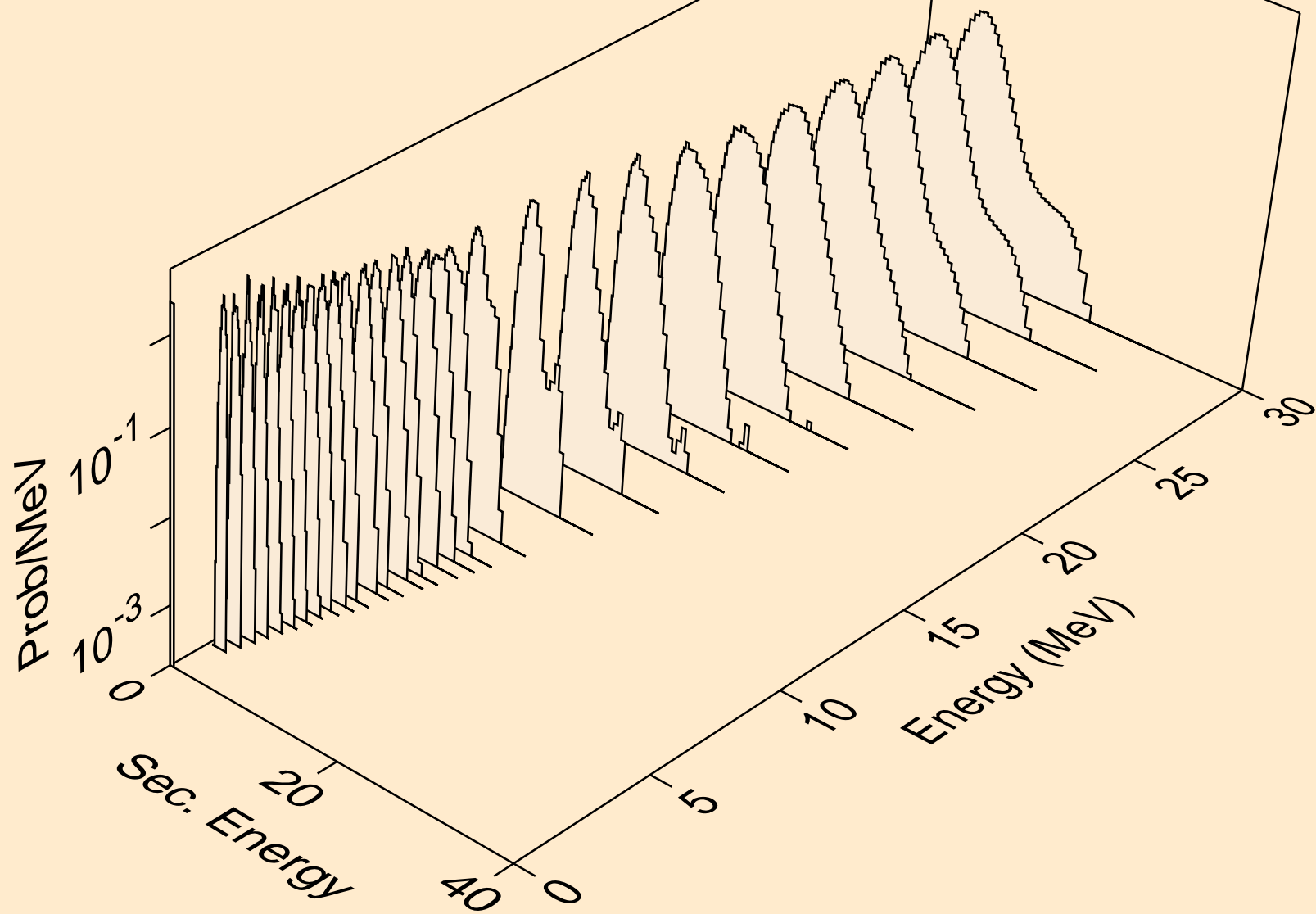
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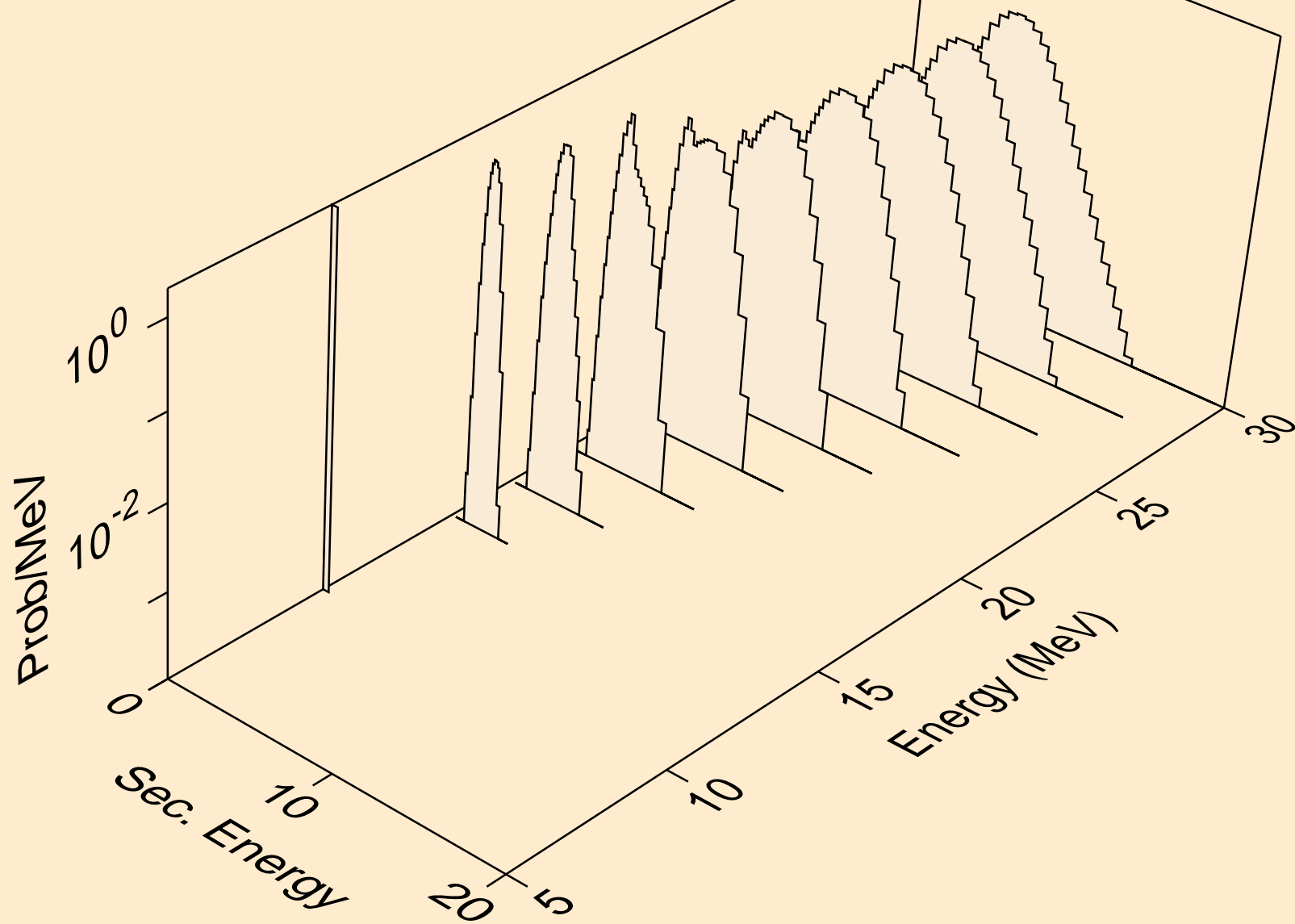
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

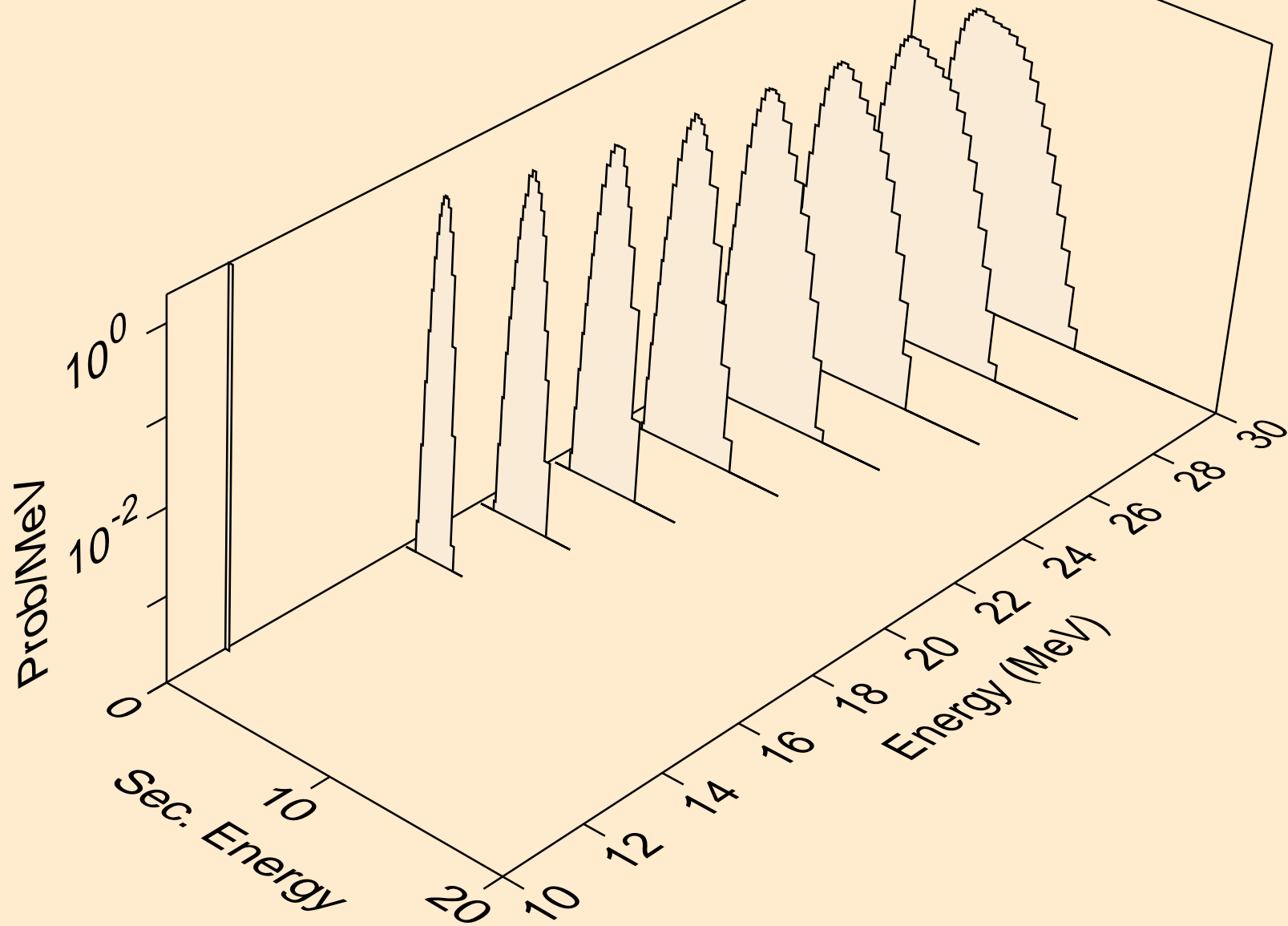


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protons from (n,pd)

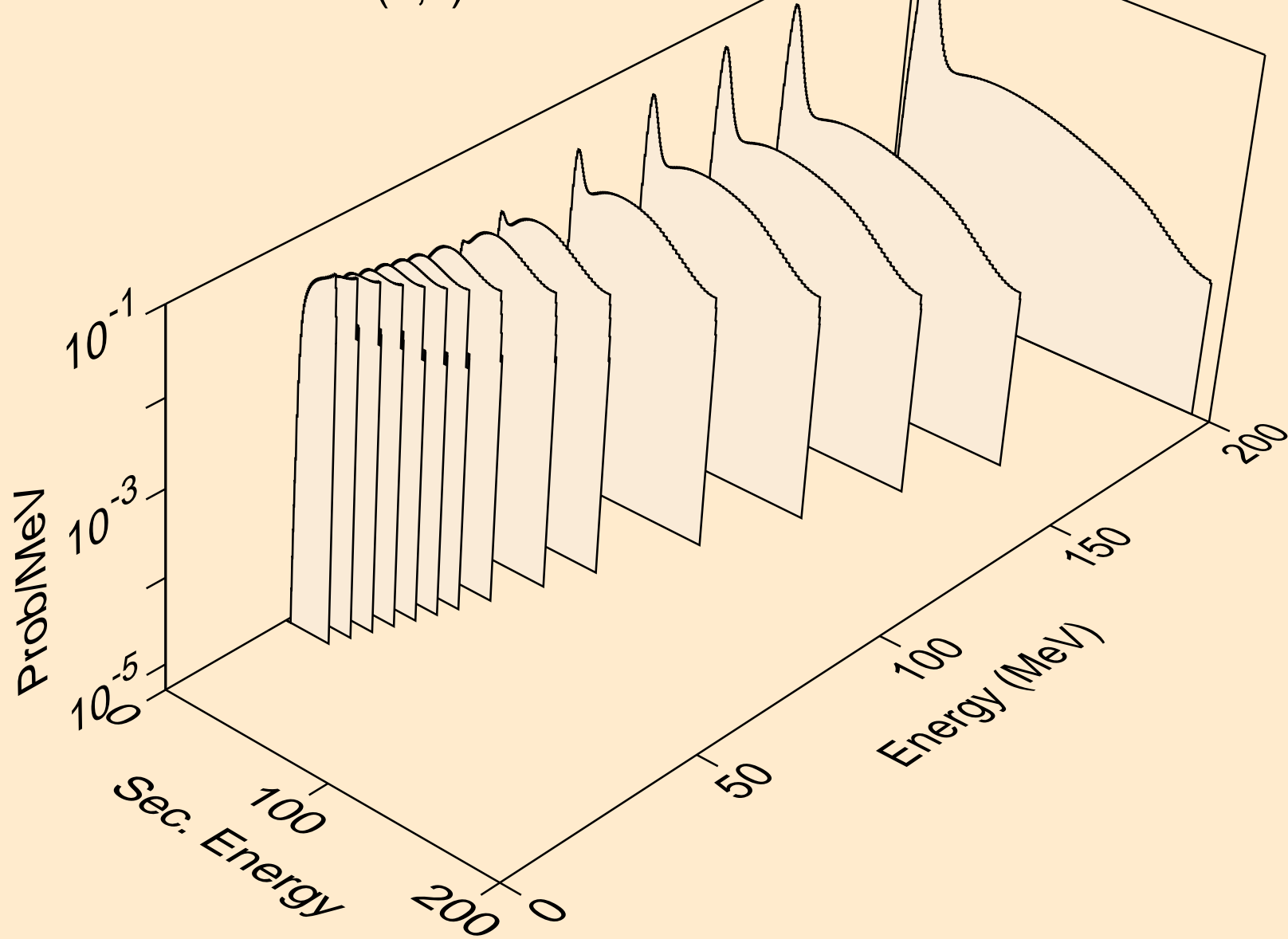




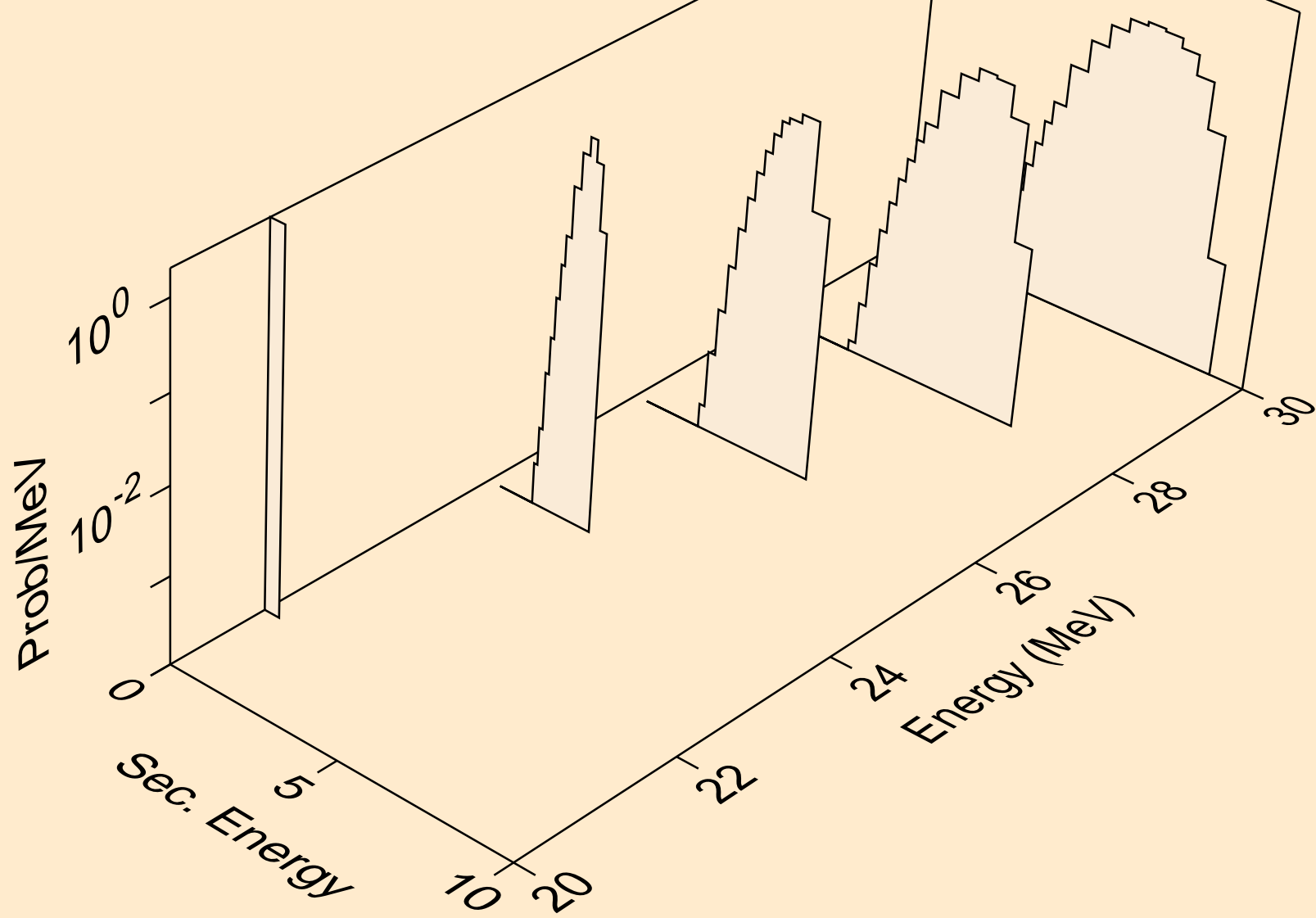
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protons from (n,pt)



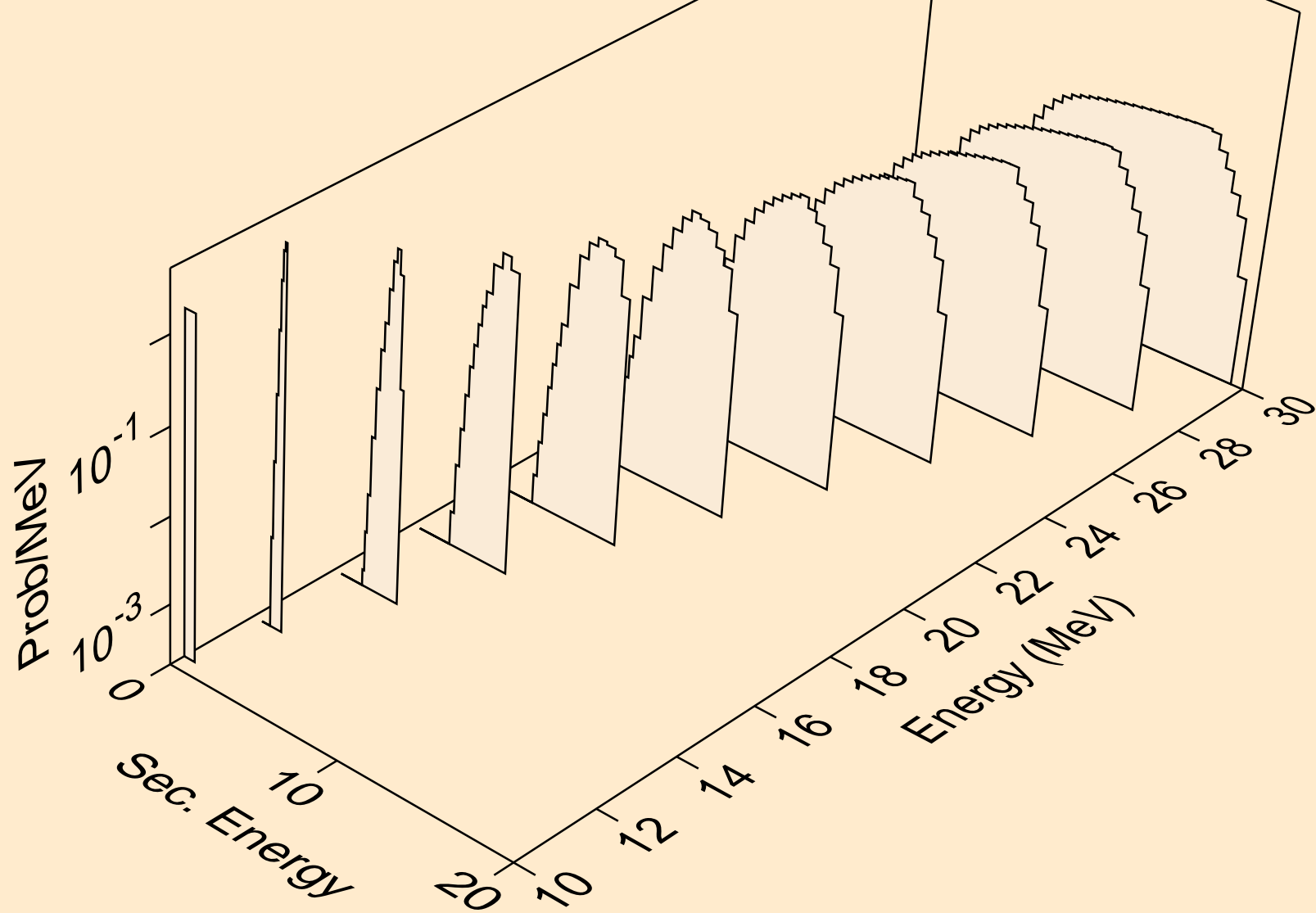
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deuterons from (n,x)



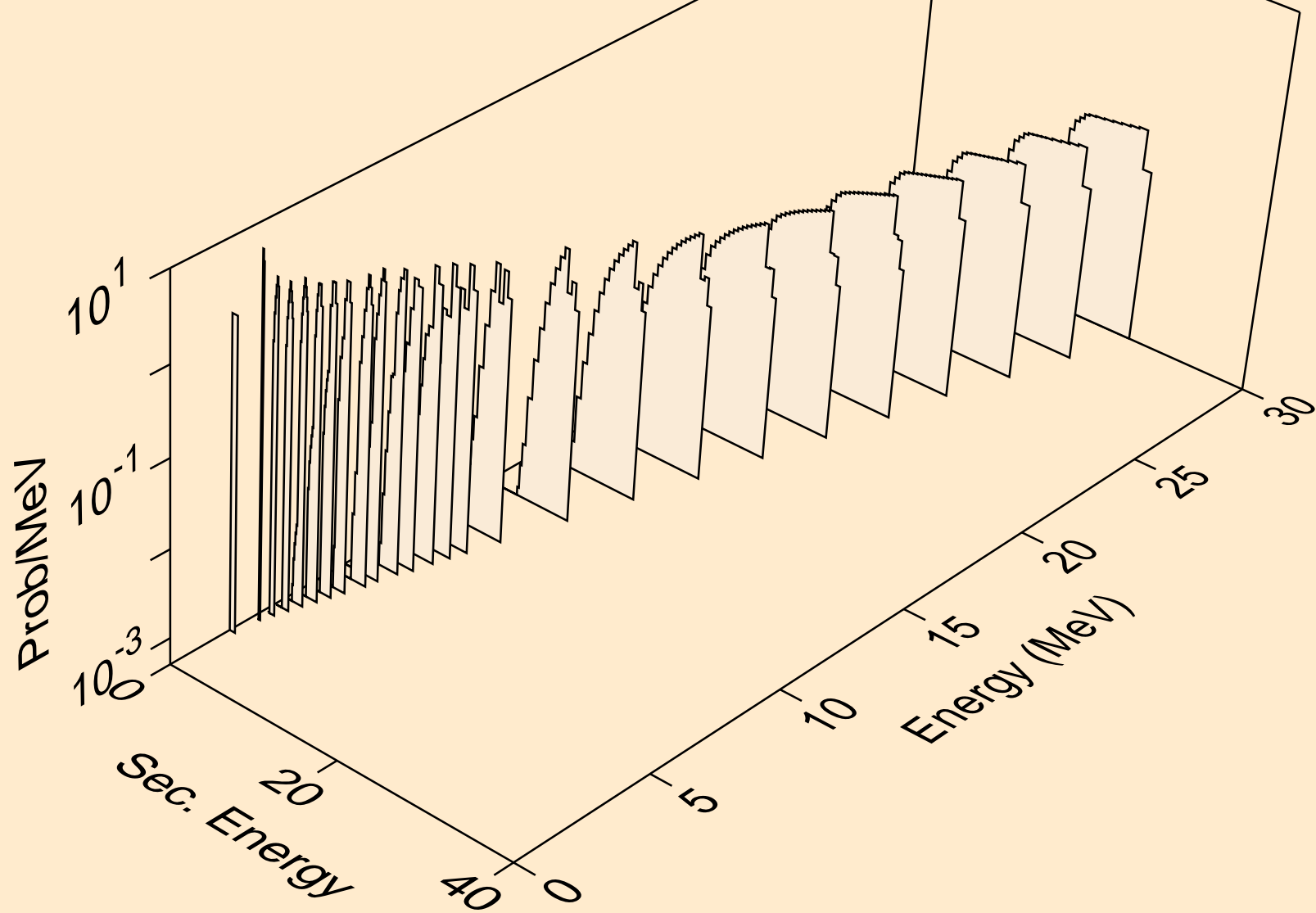
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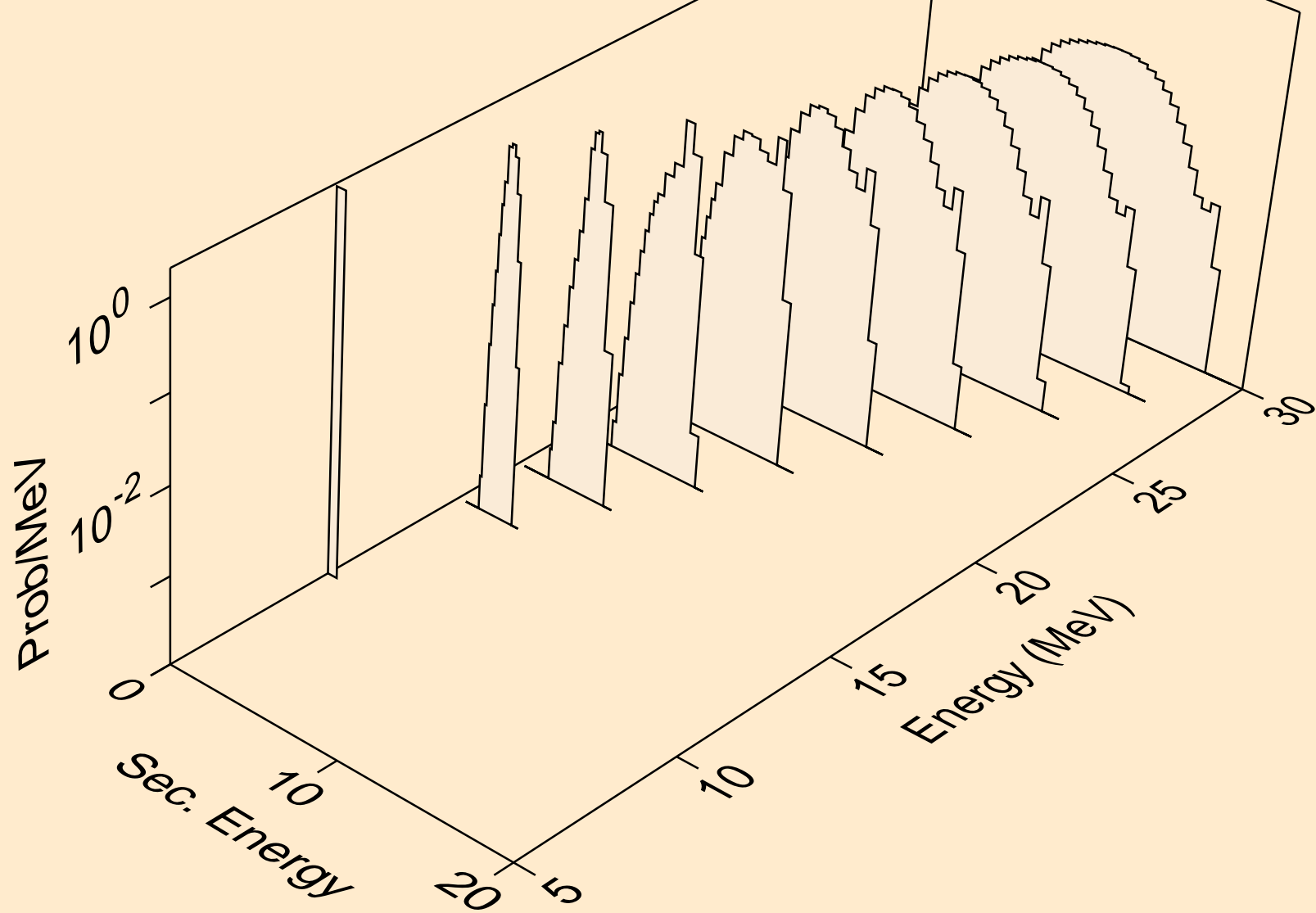
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deuterons from (n,n\*)d



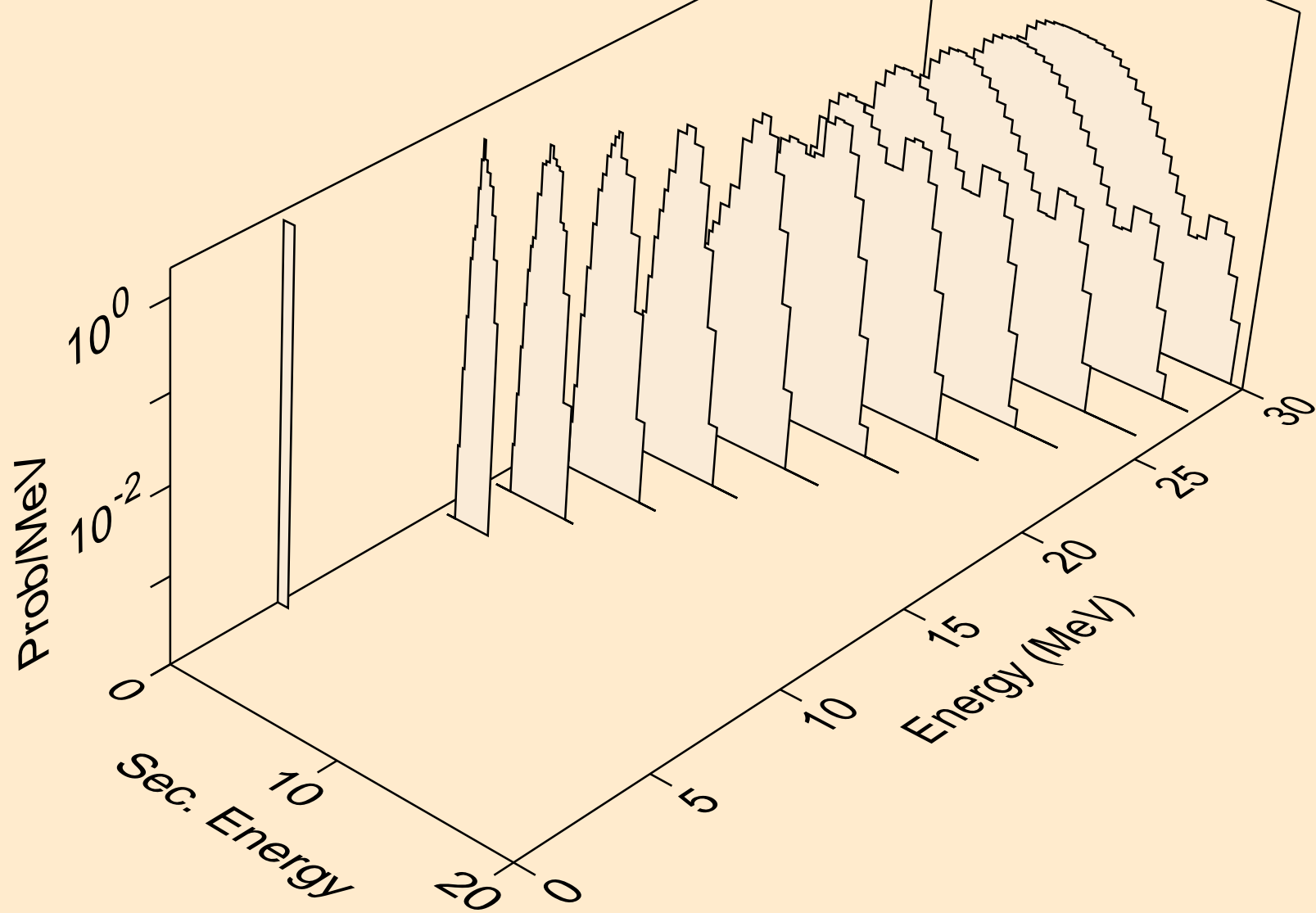
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deuterons from (n,d)



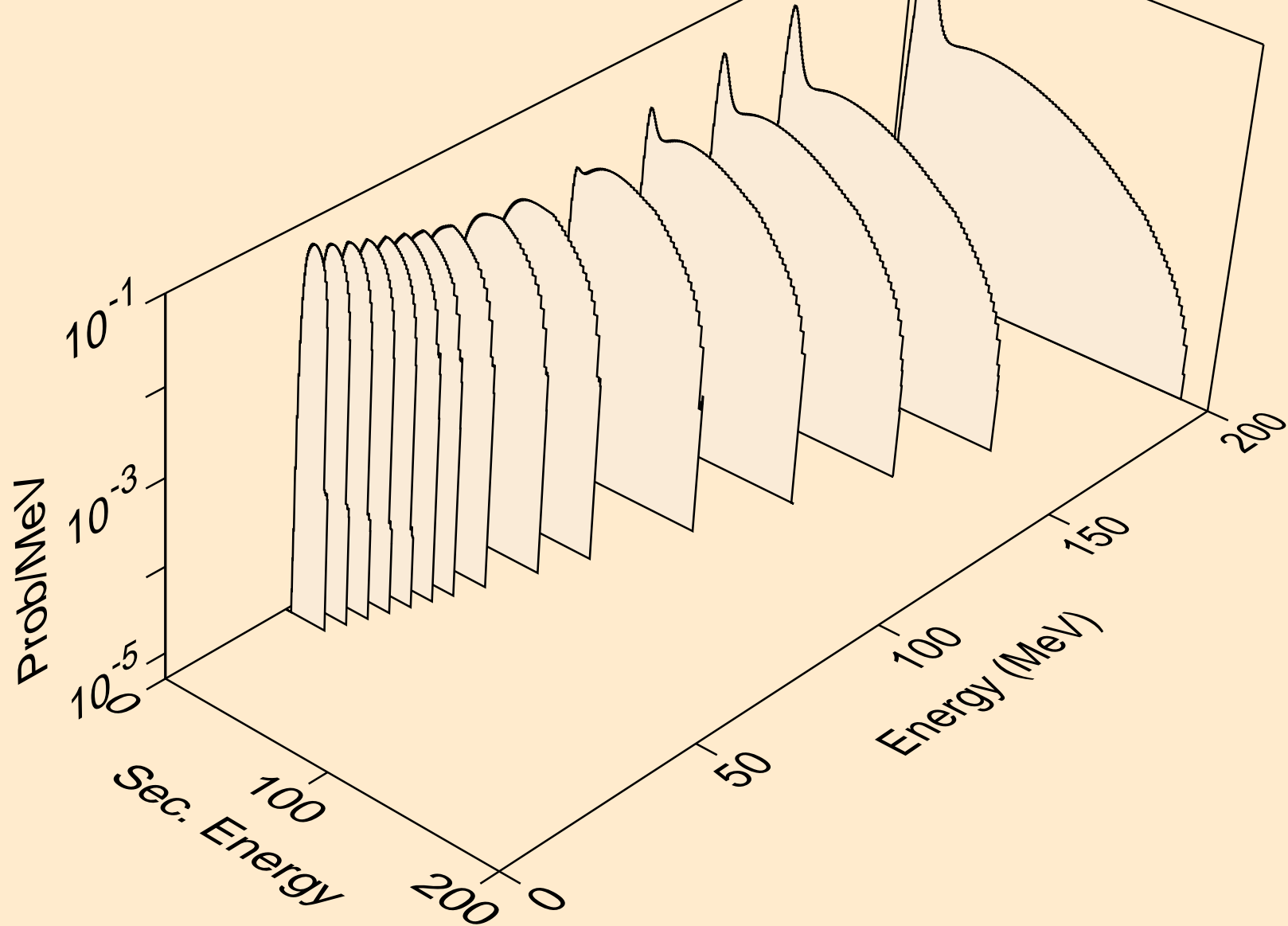
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deuterons from (n,pd)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

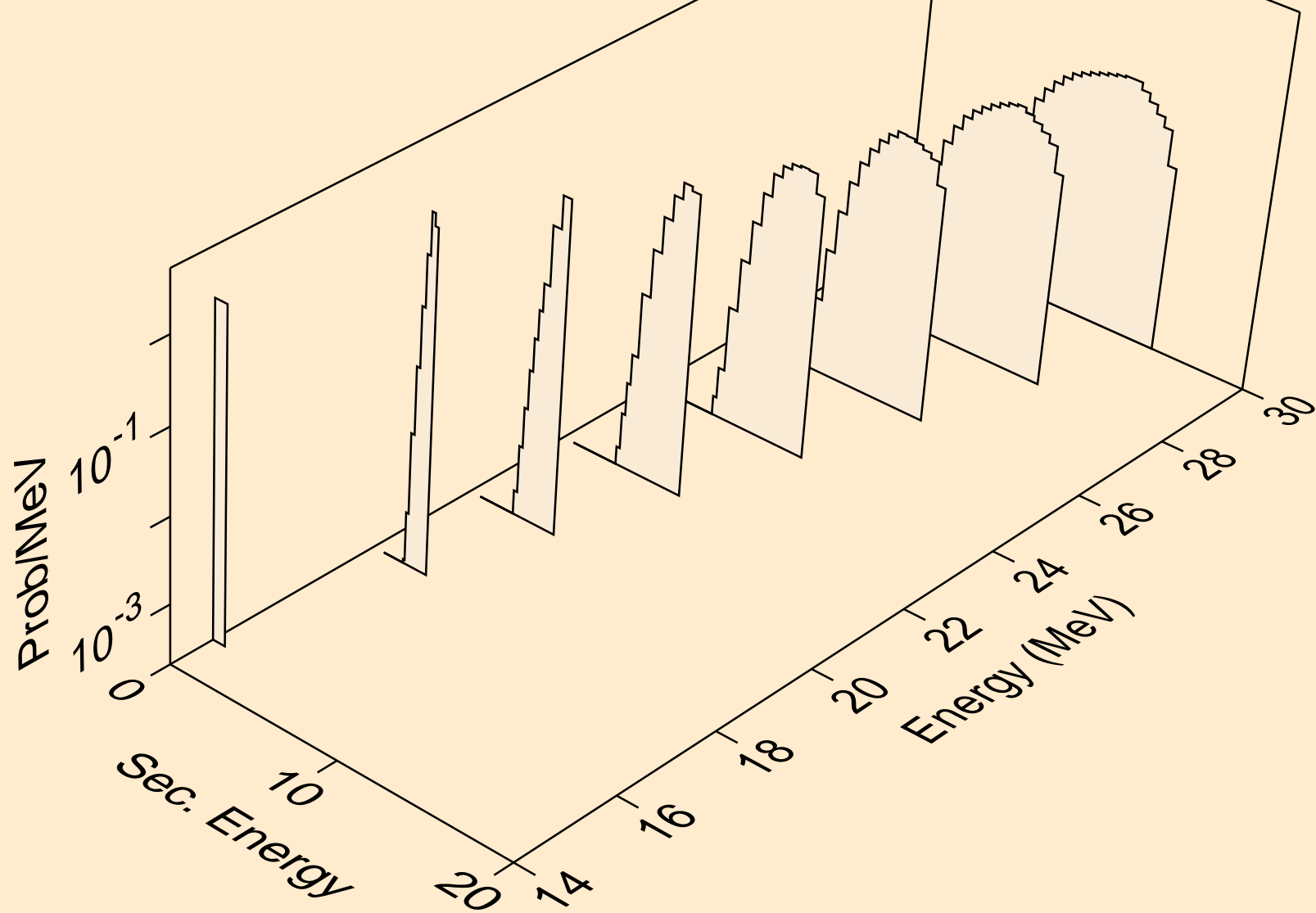


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tritons from (n,x)

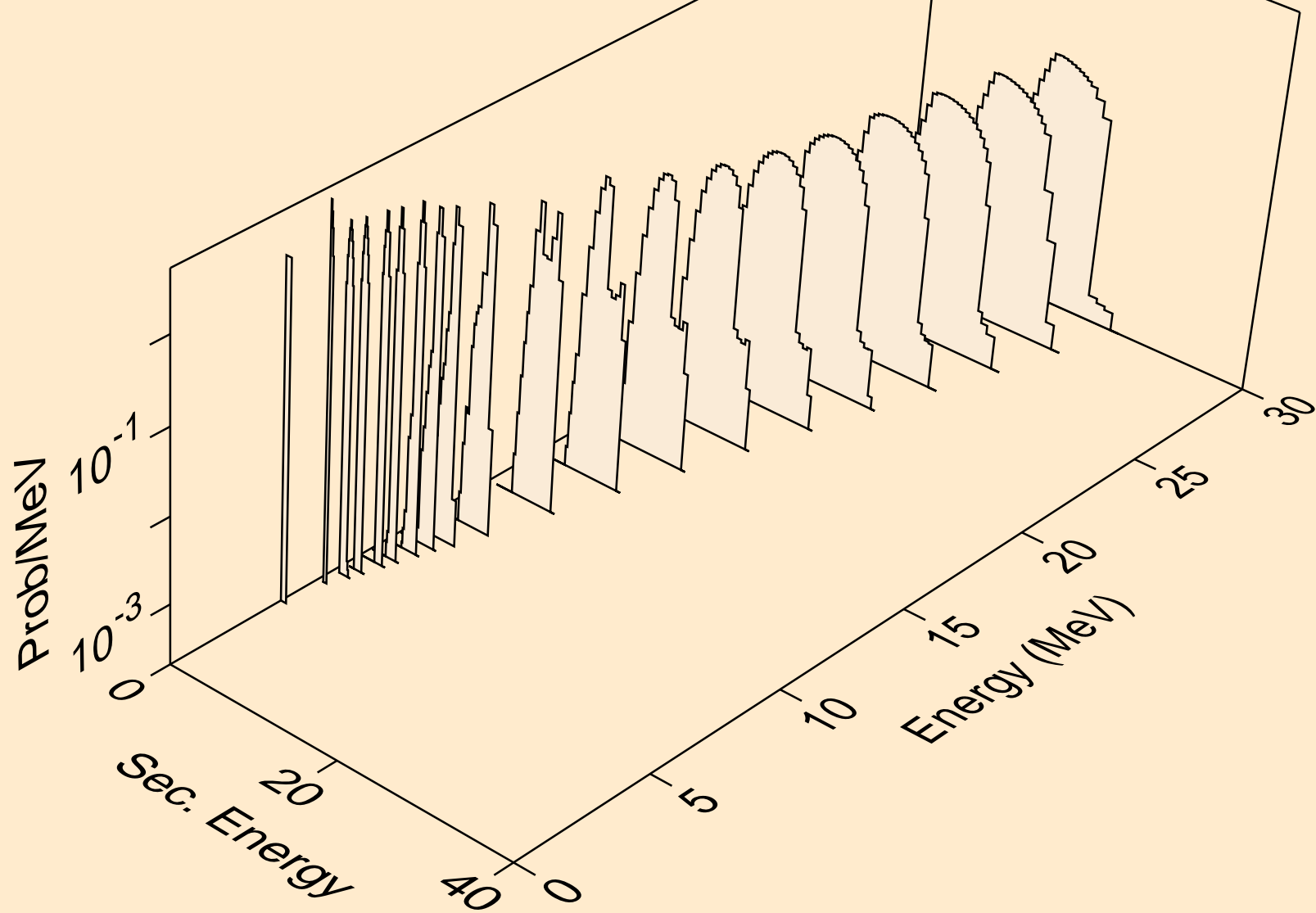




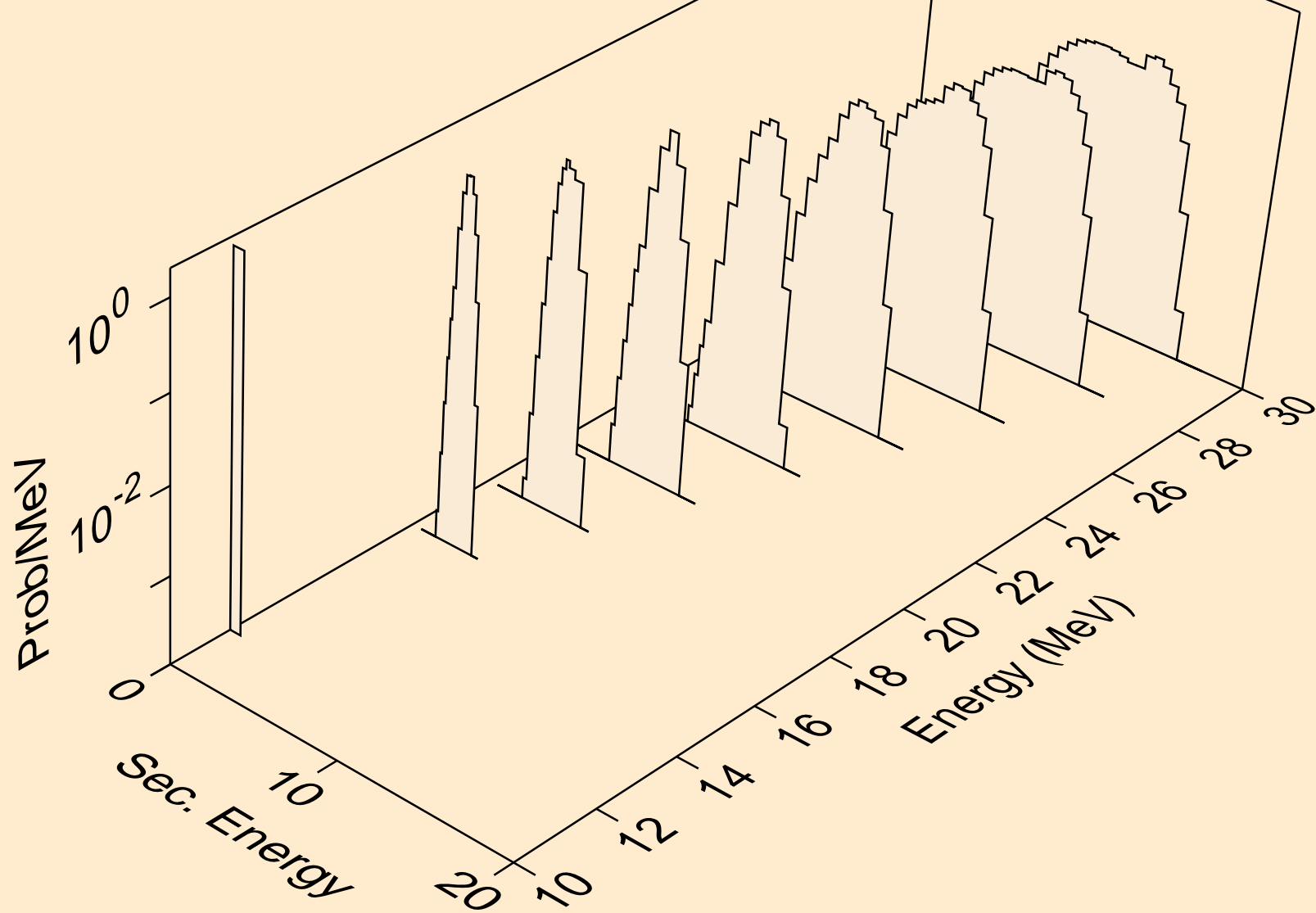
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tritons from (n,n\*)t



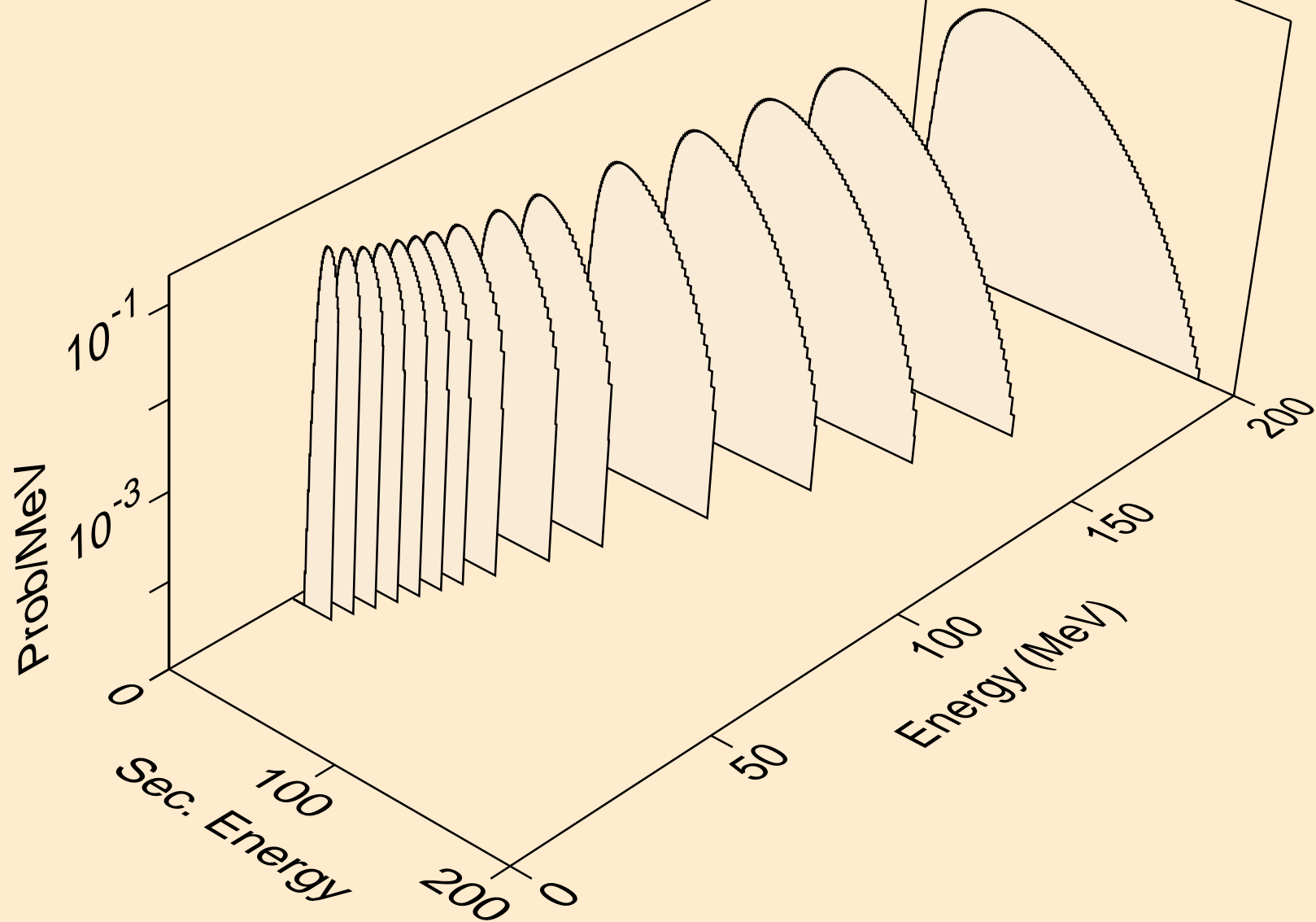
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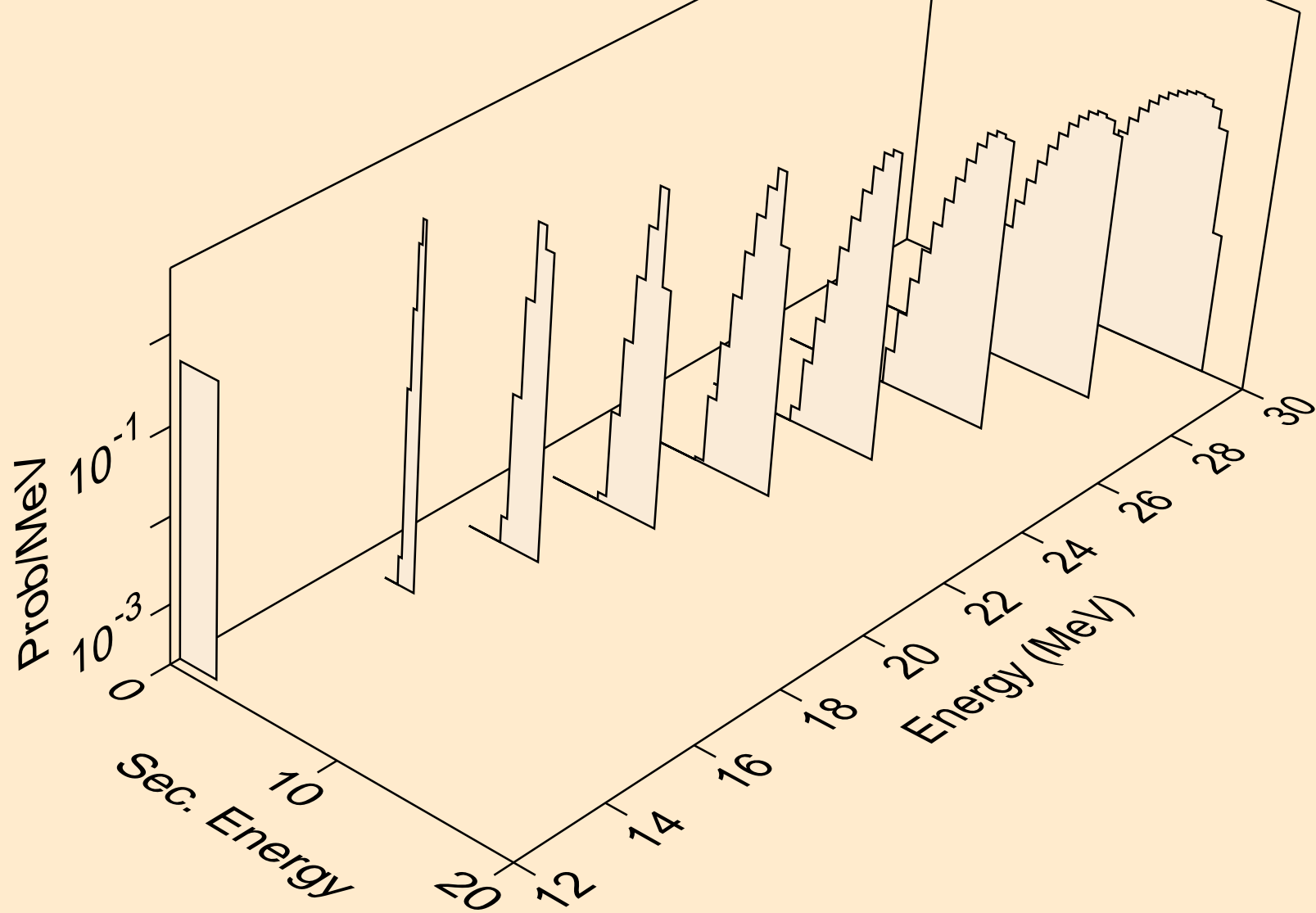
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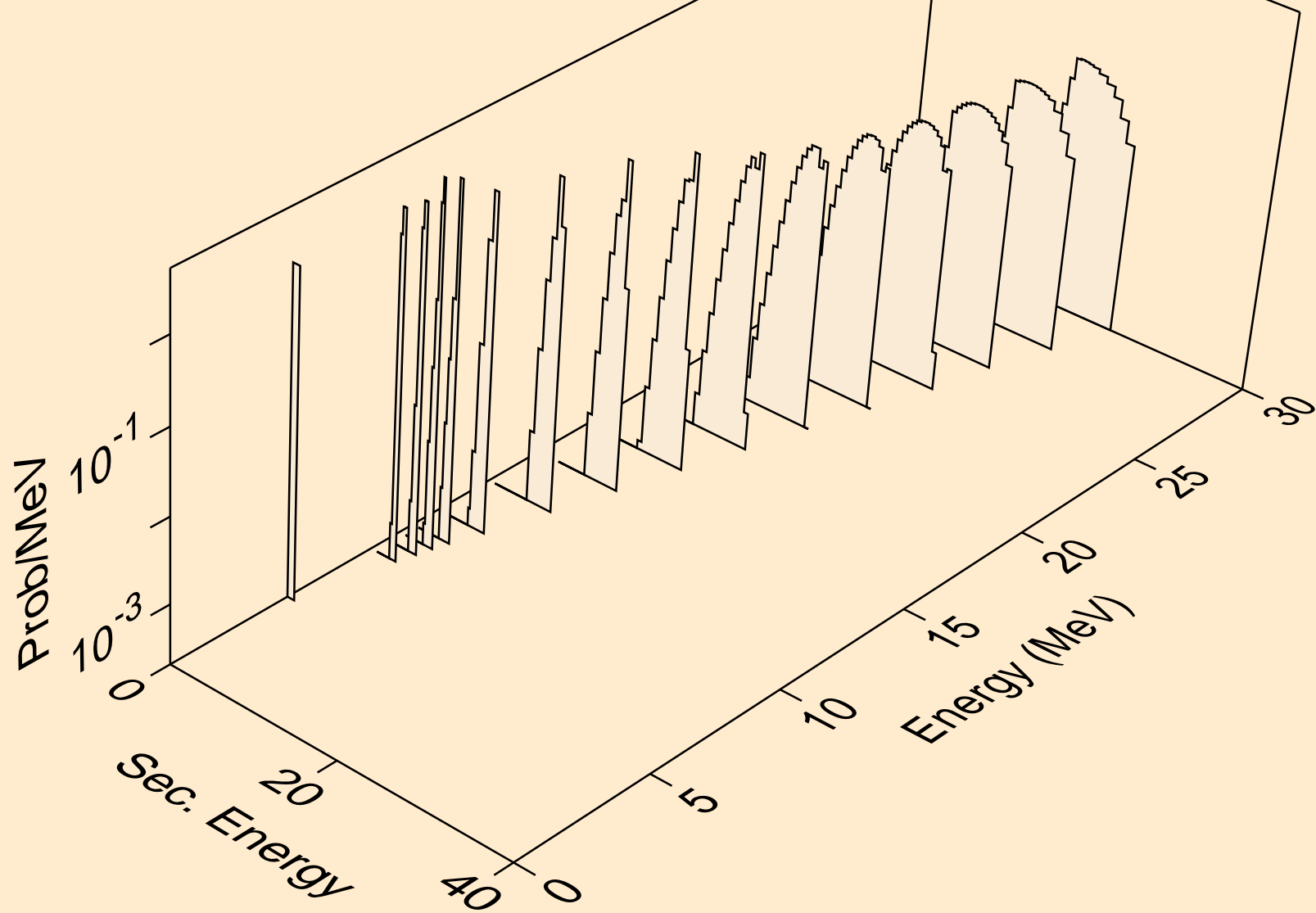
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he3s from (n,x)



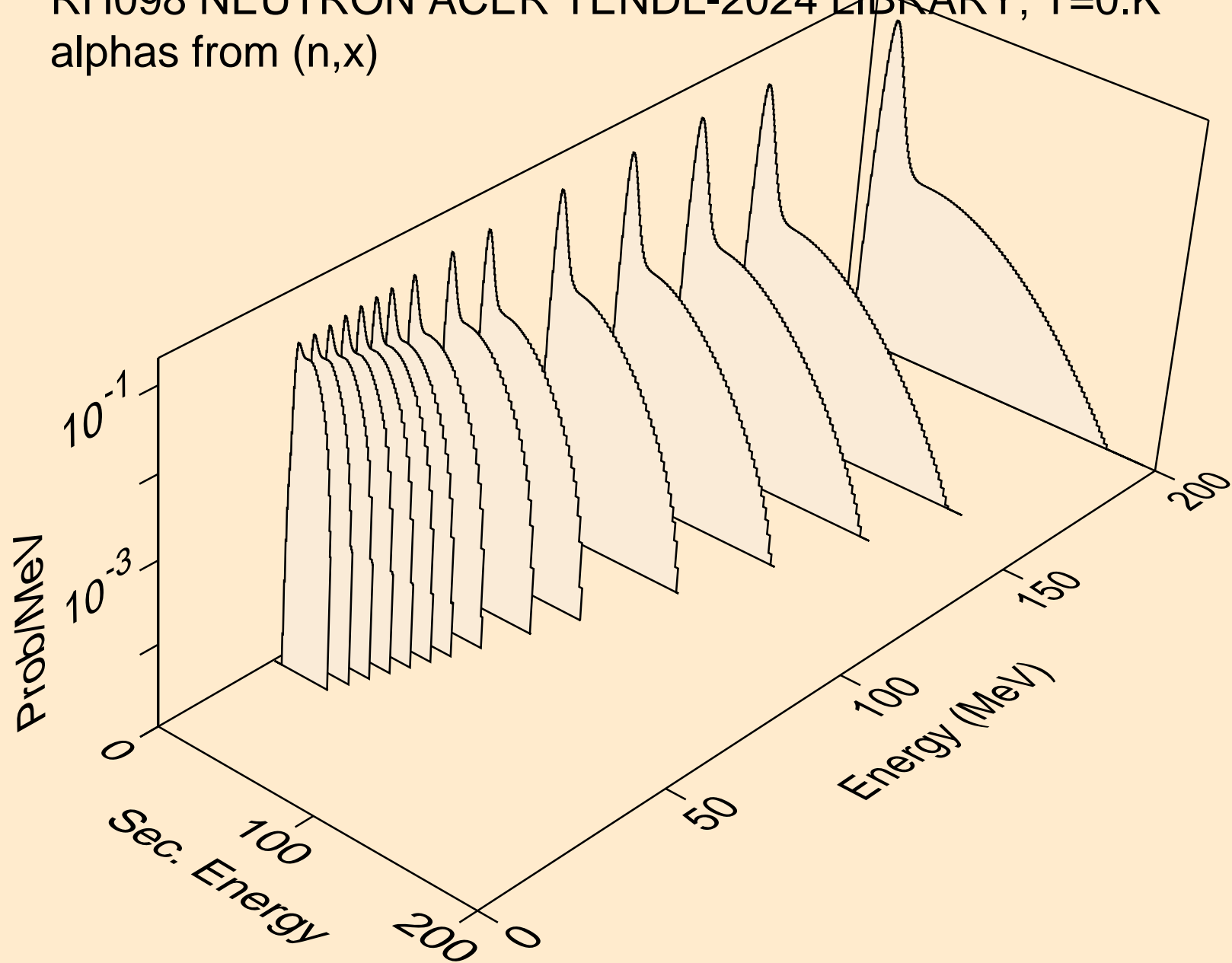
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he3s from (n,n\*)he3



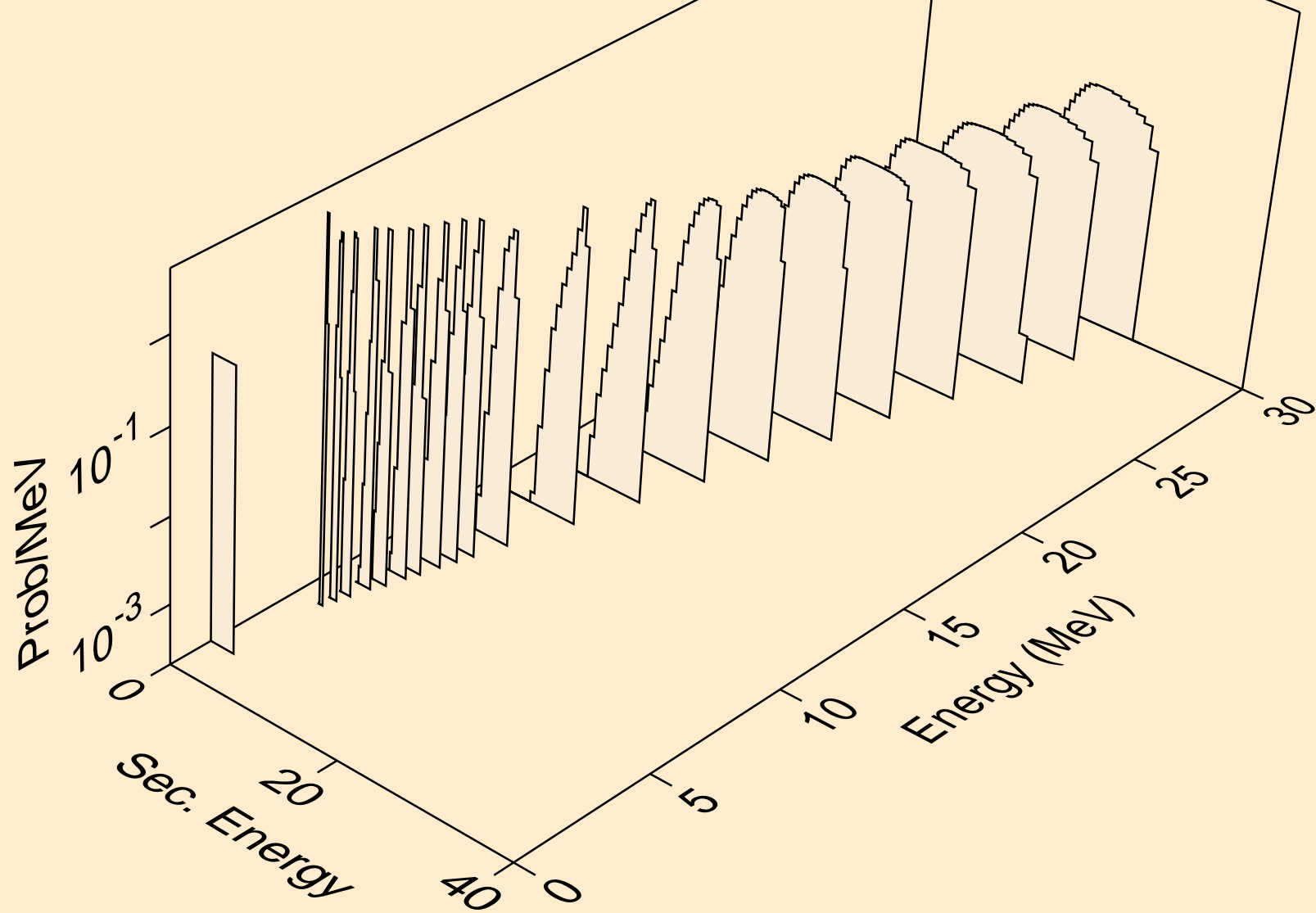
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

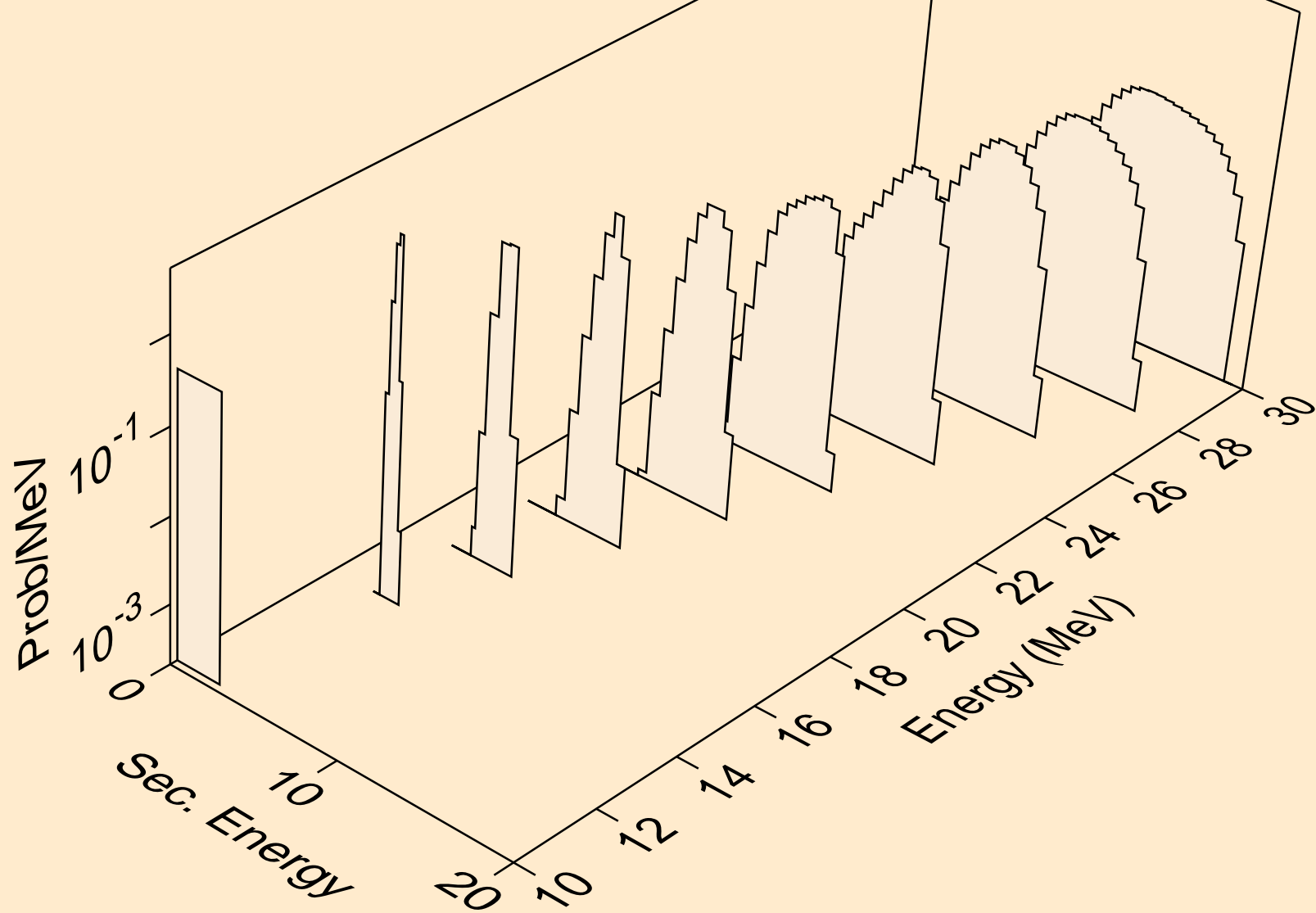


RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

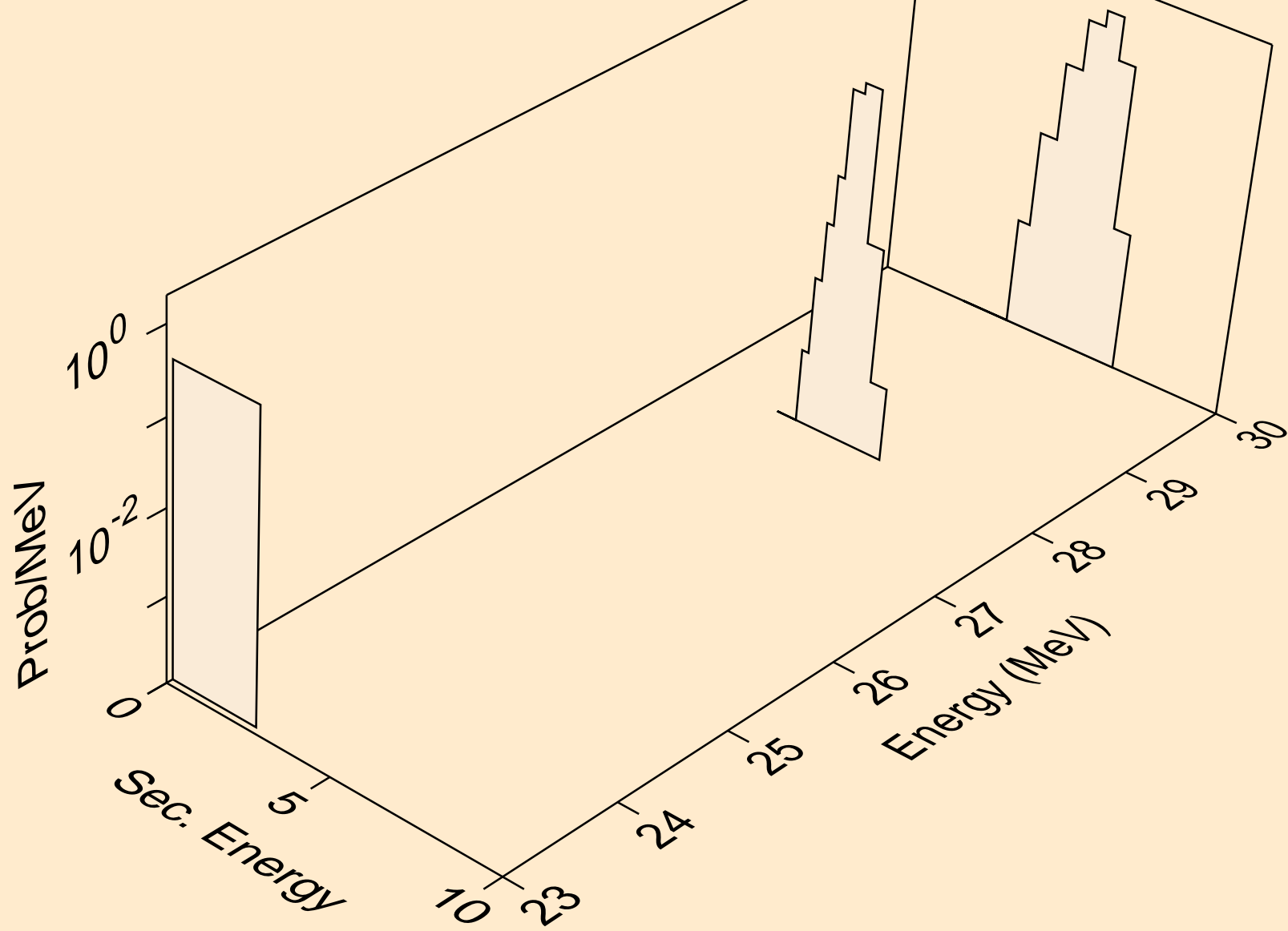




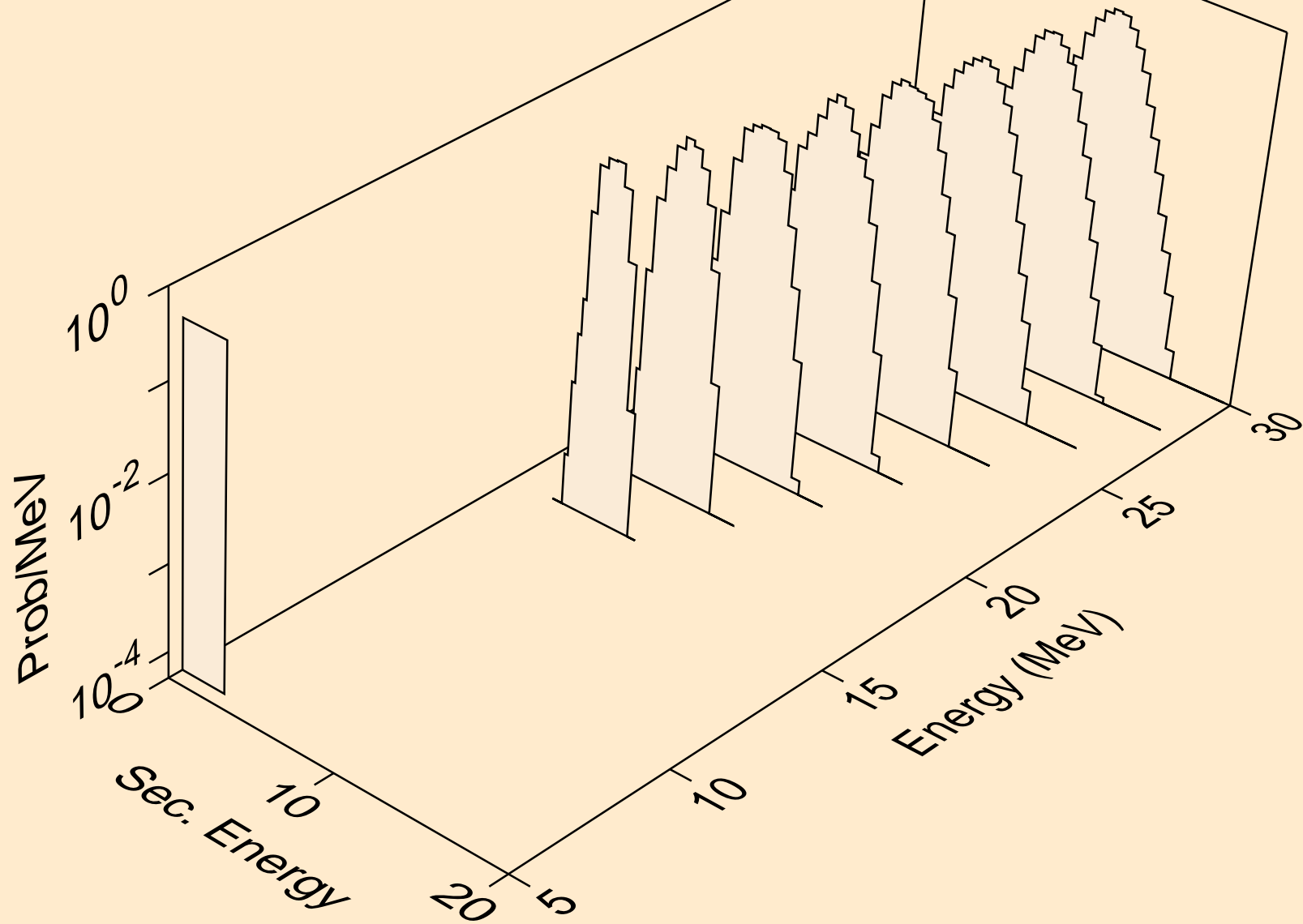
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



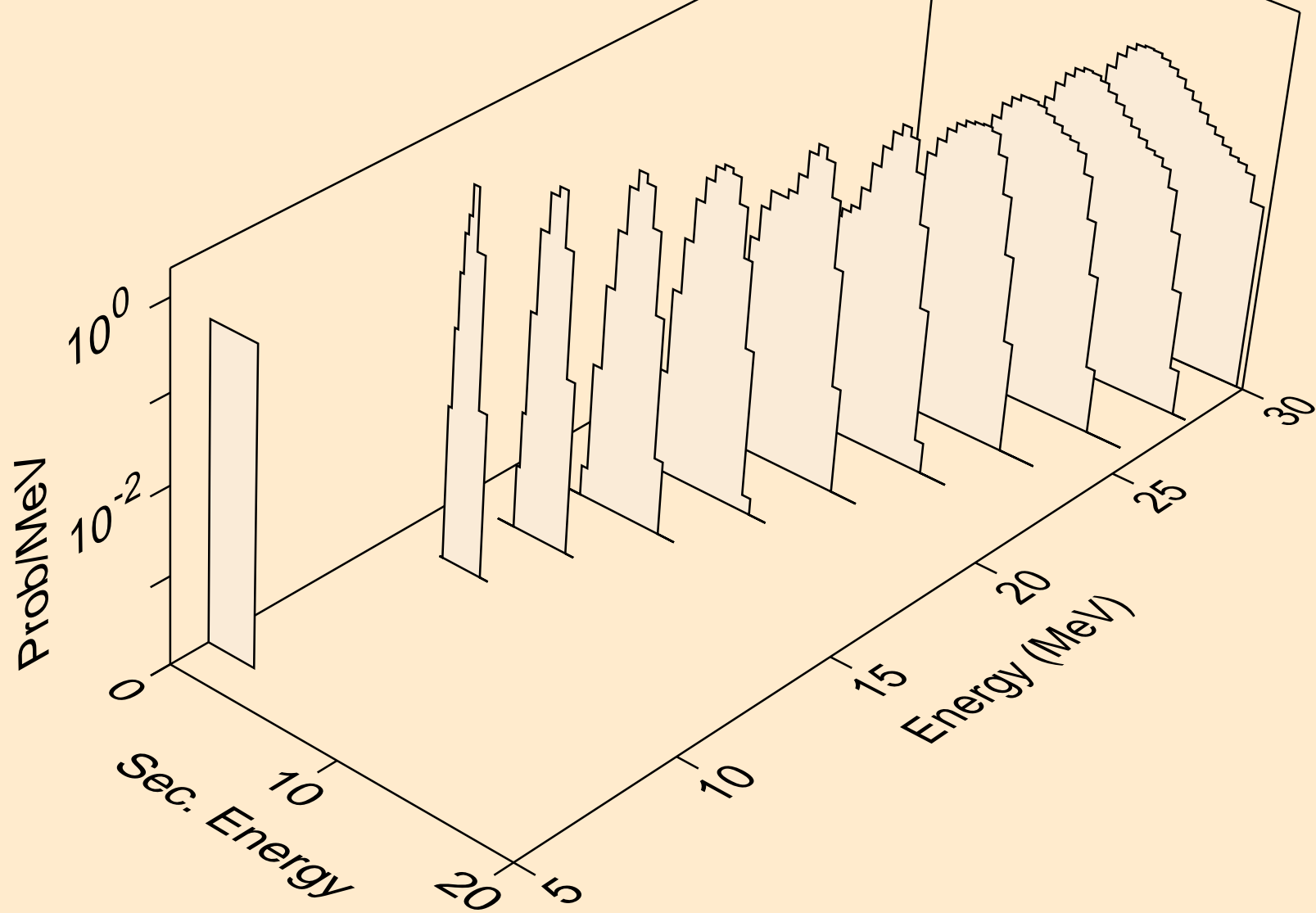
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



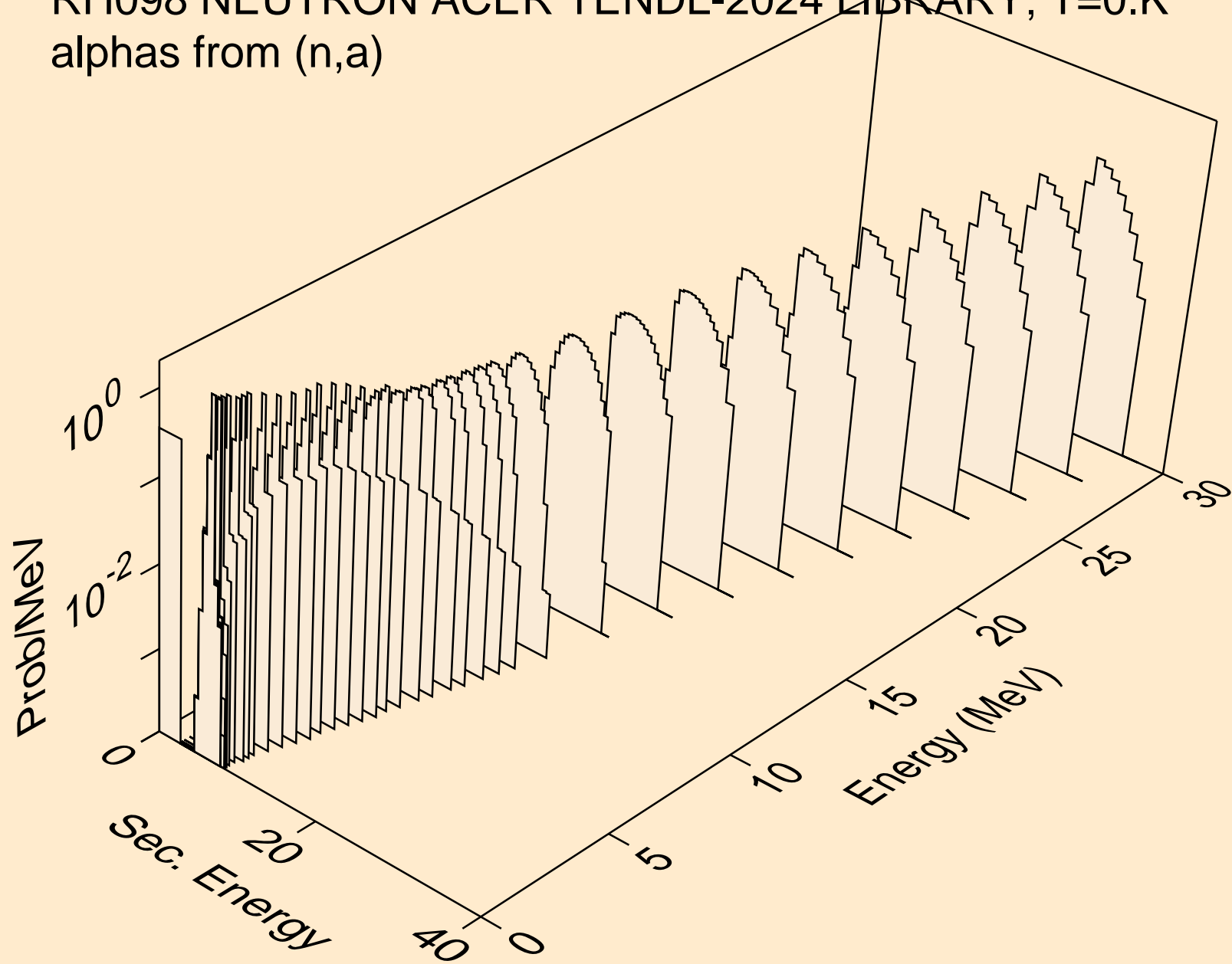
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



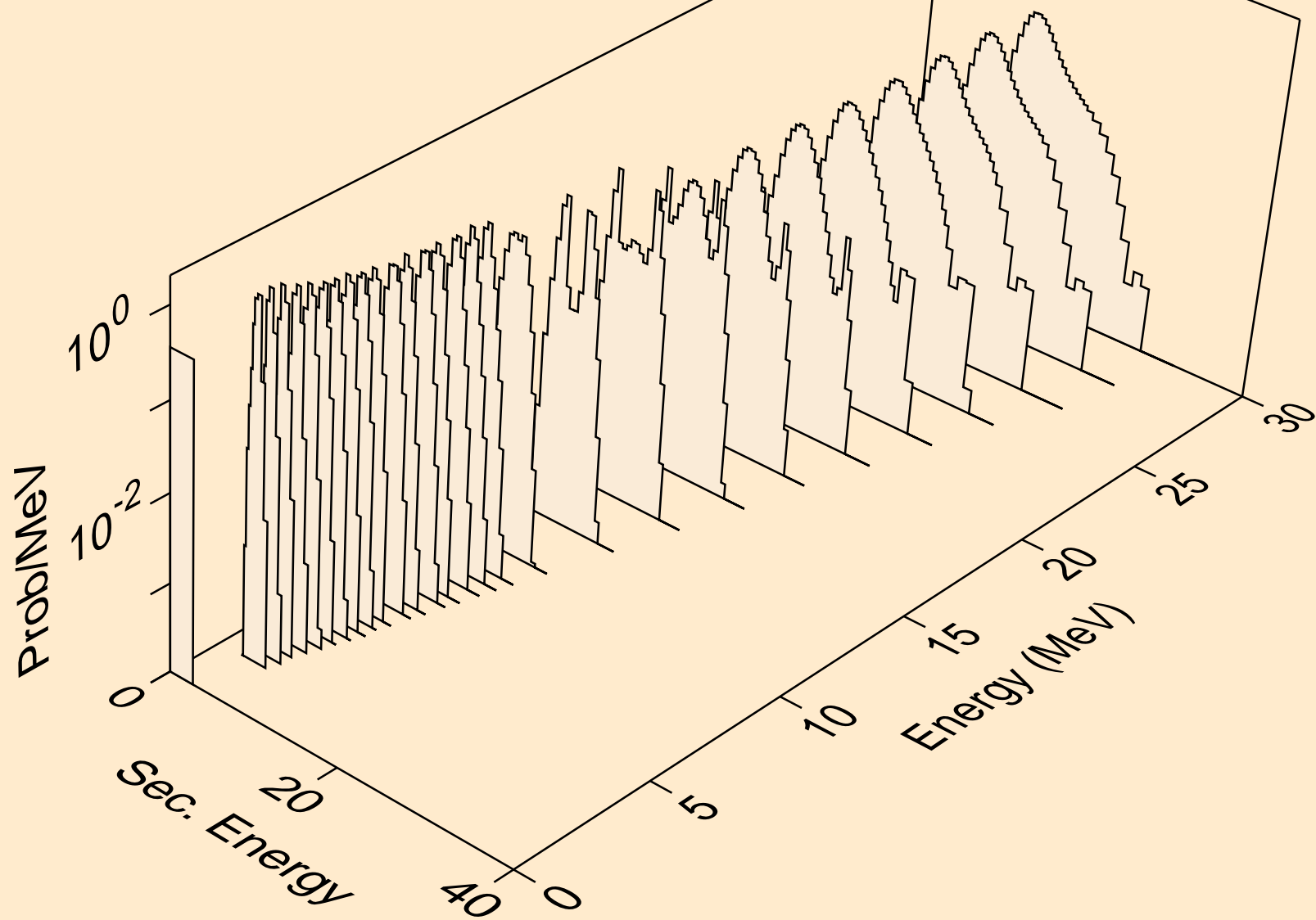
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



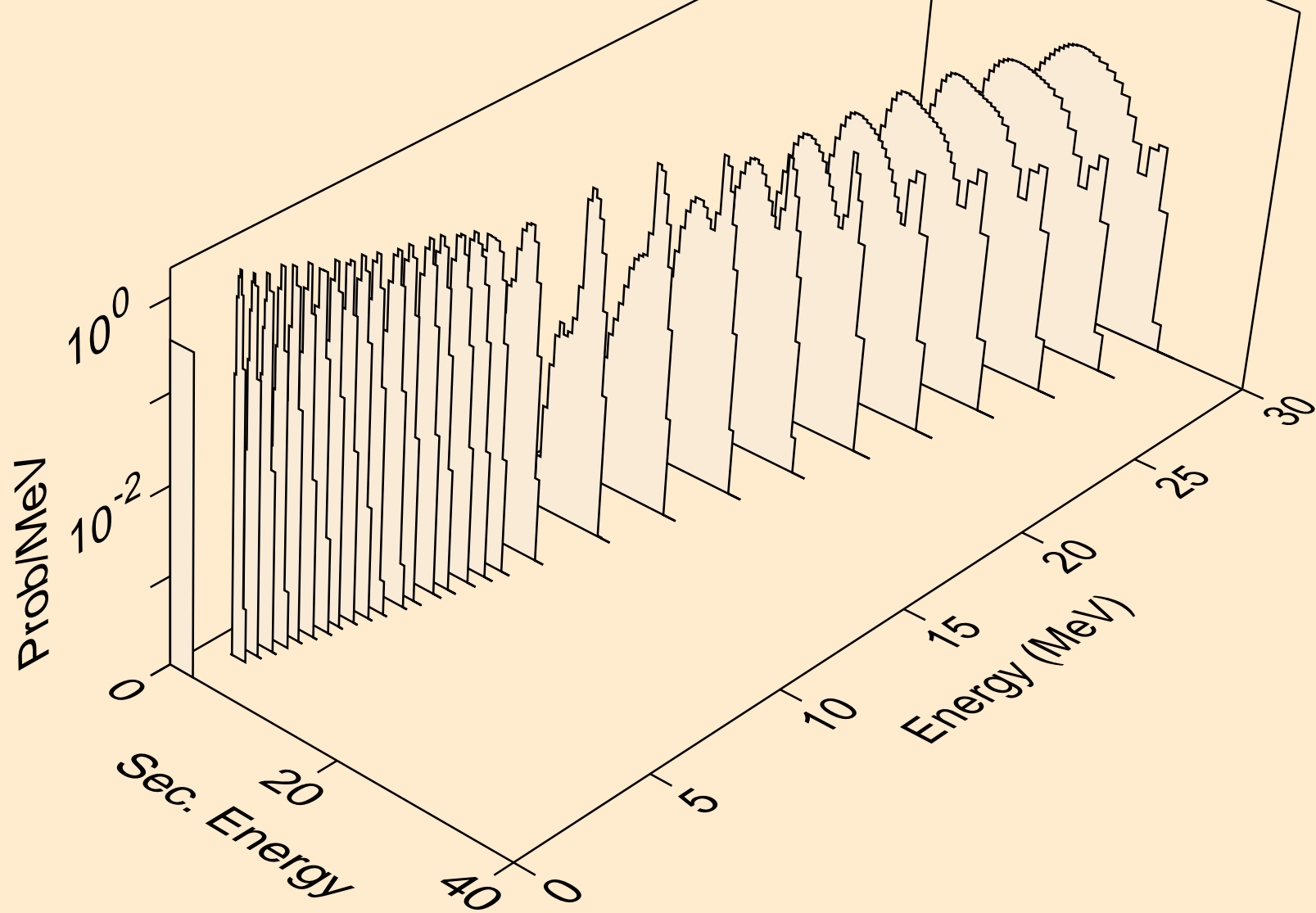
RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



RH098 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

