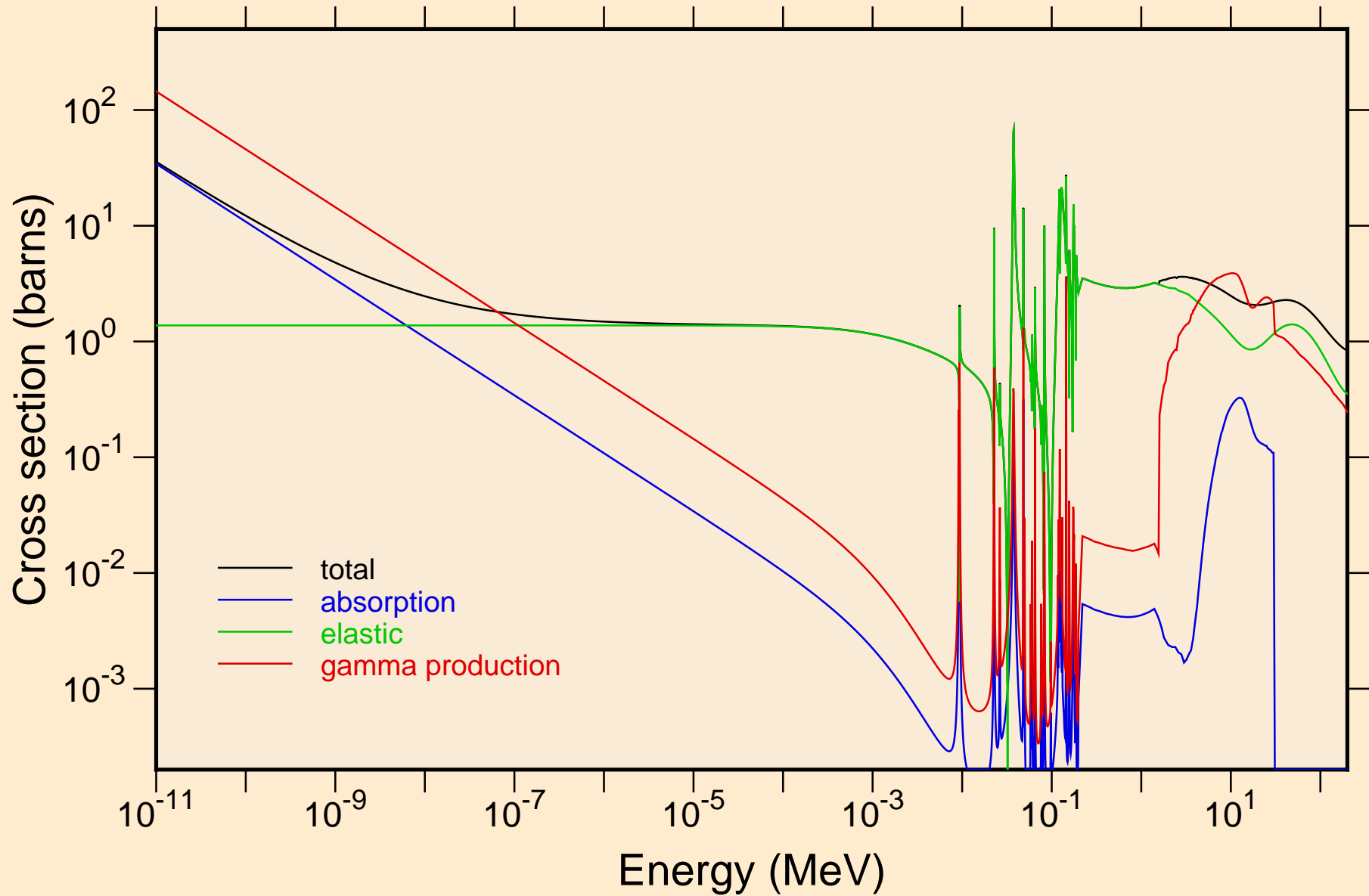
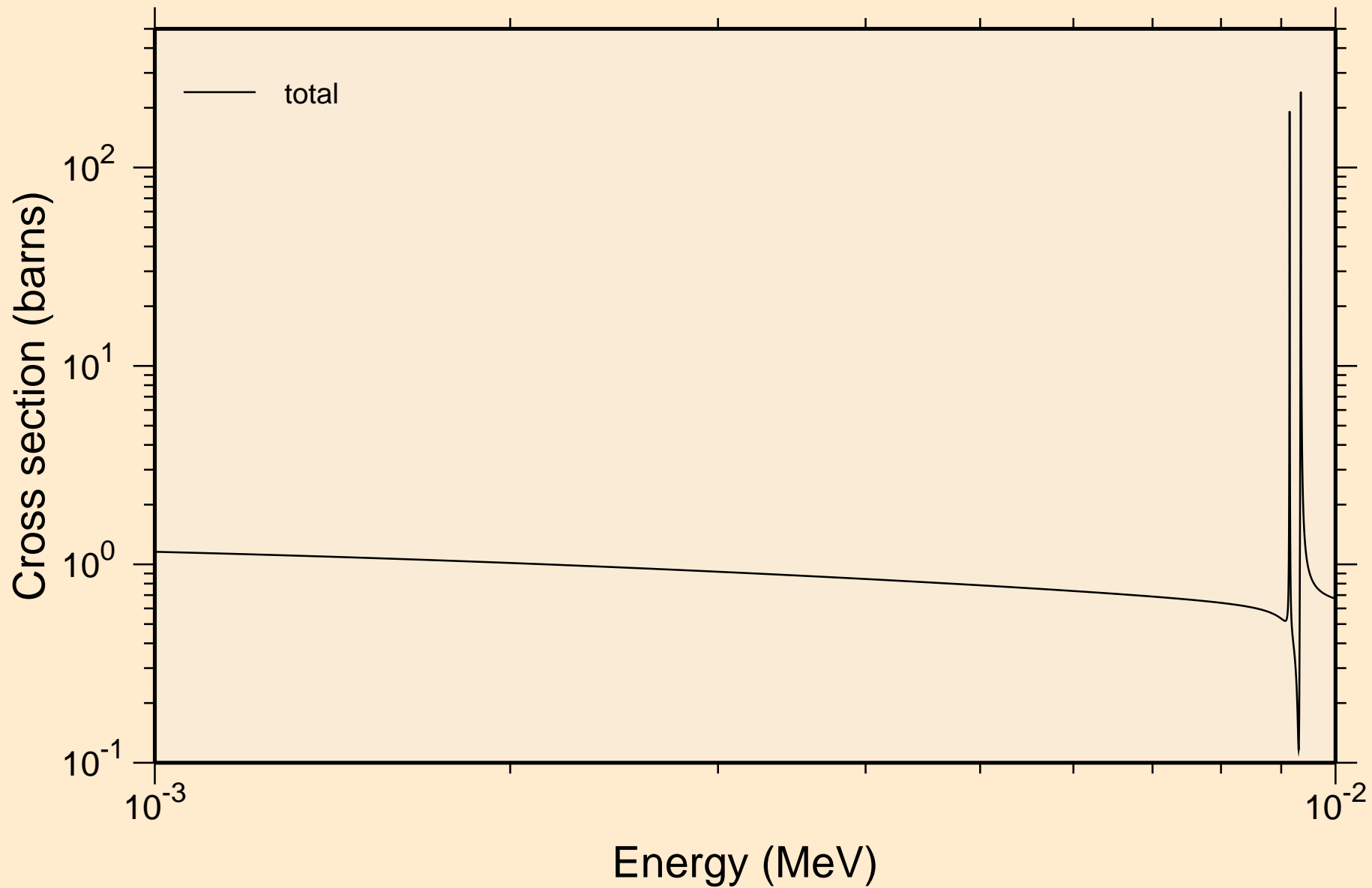


# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

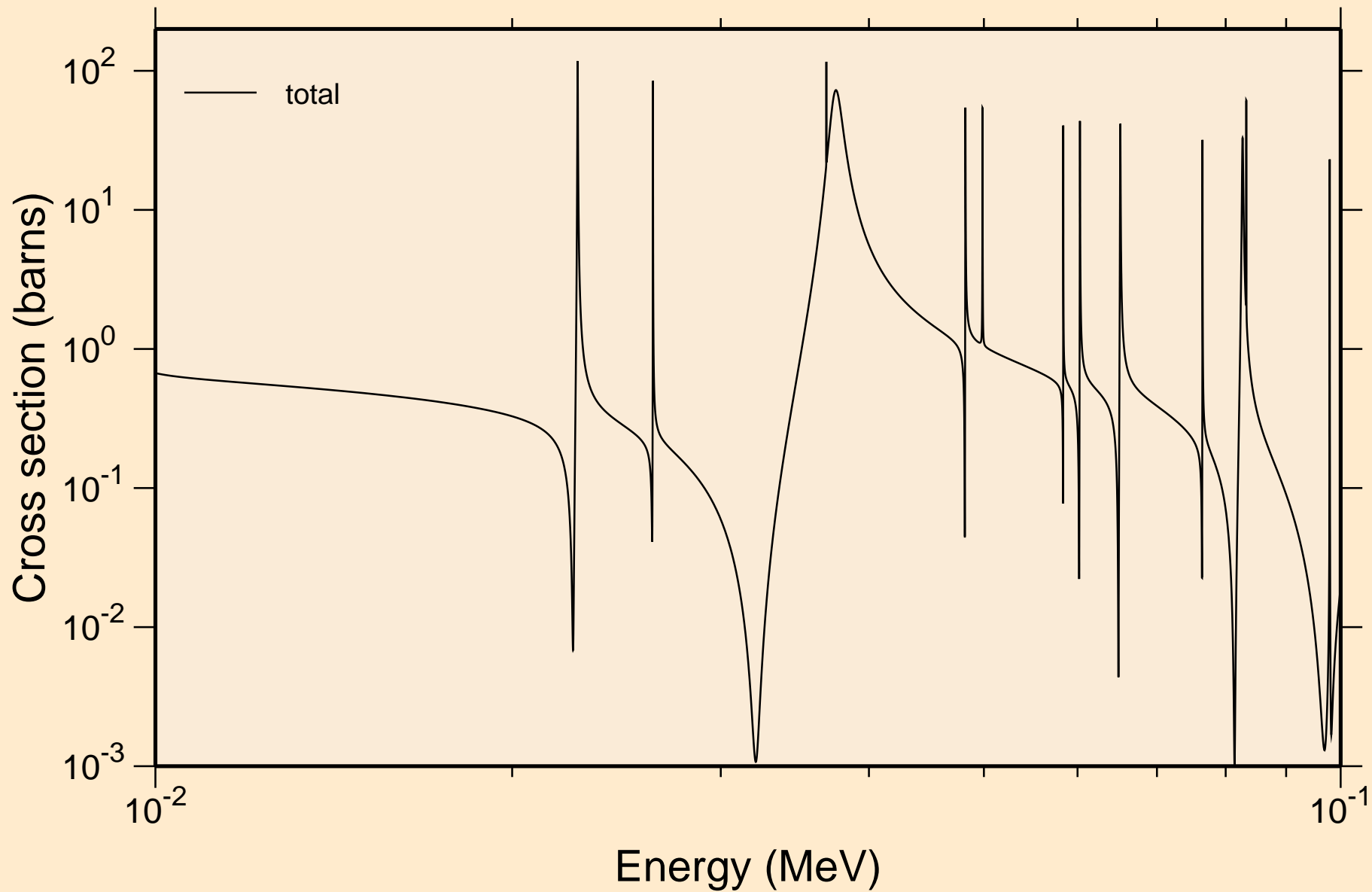
## Principal cross sections



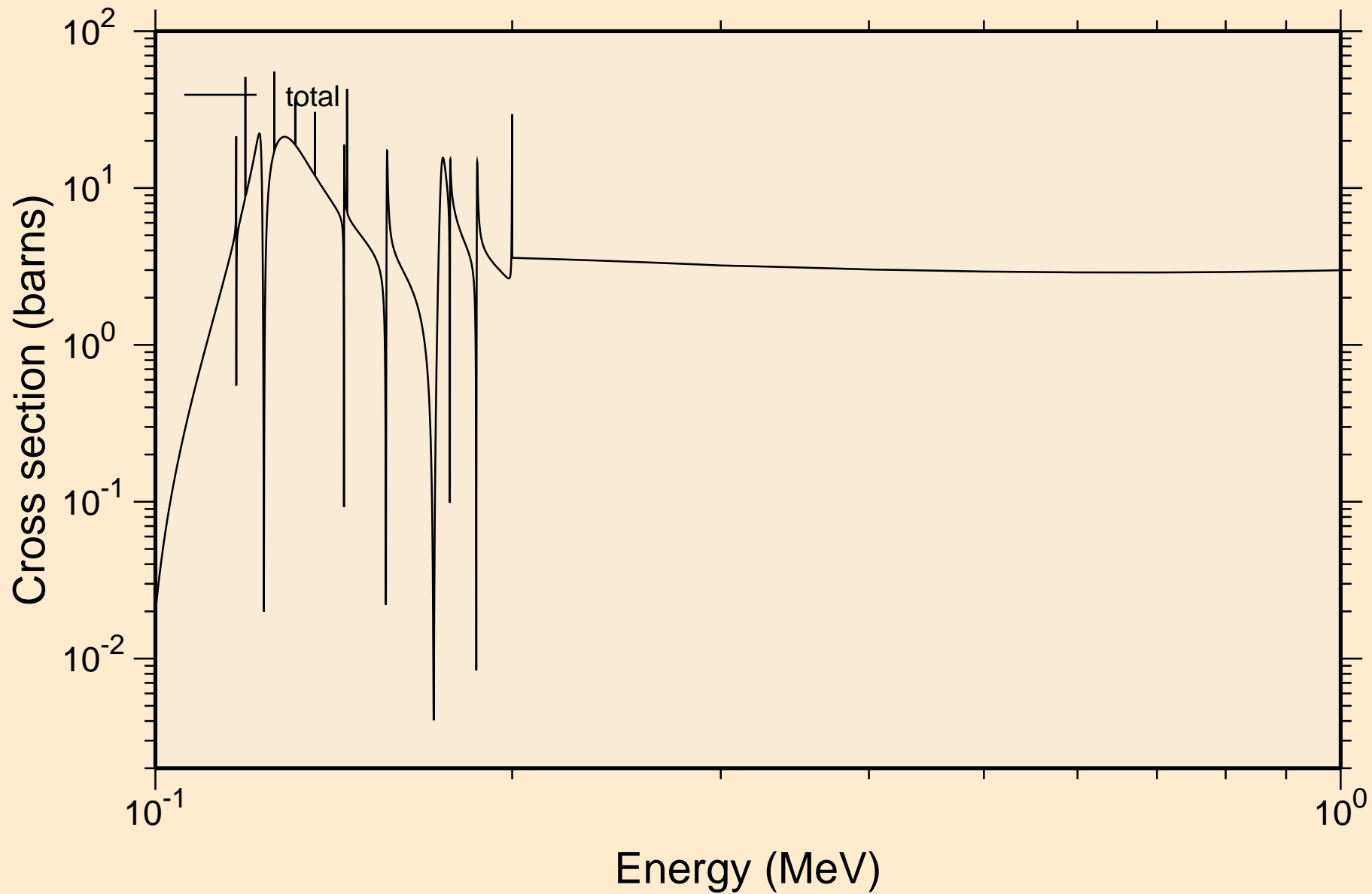
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



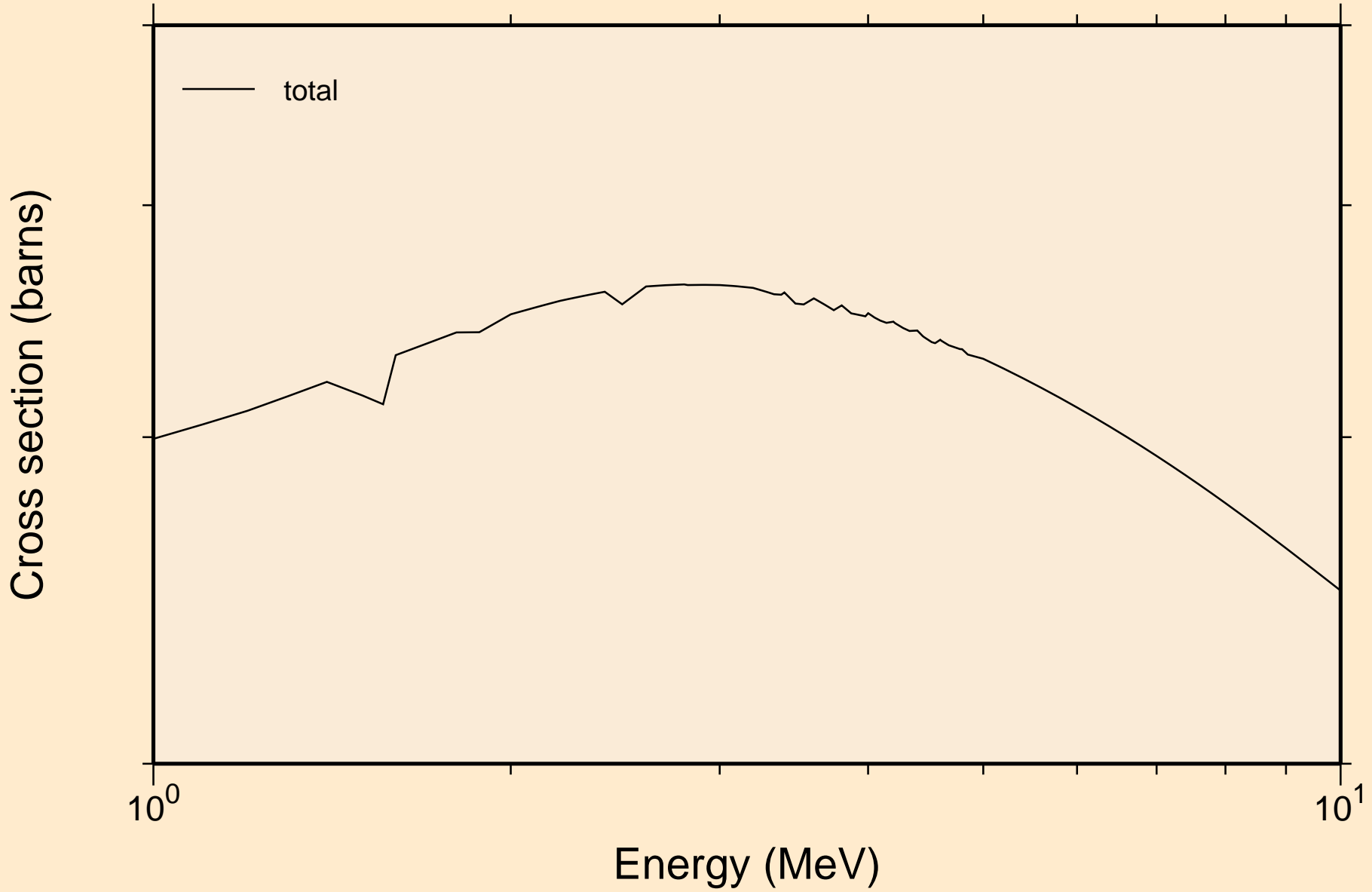
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



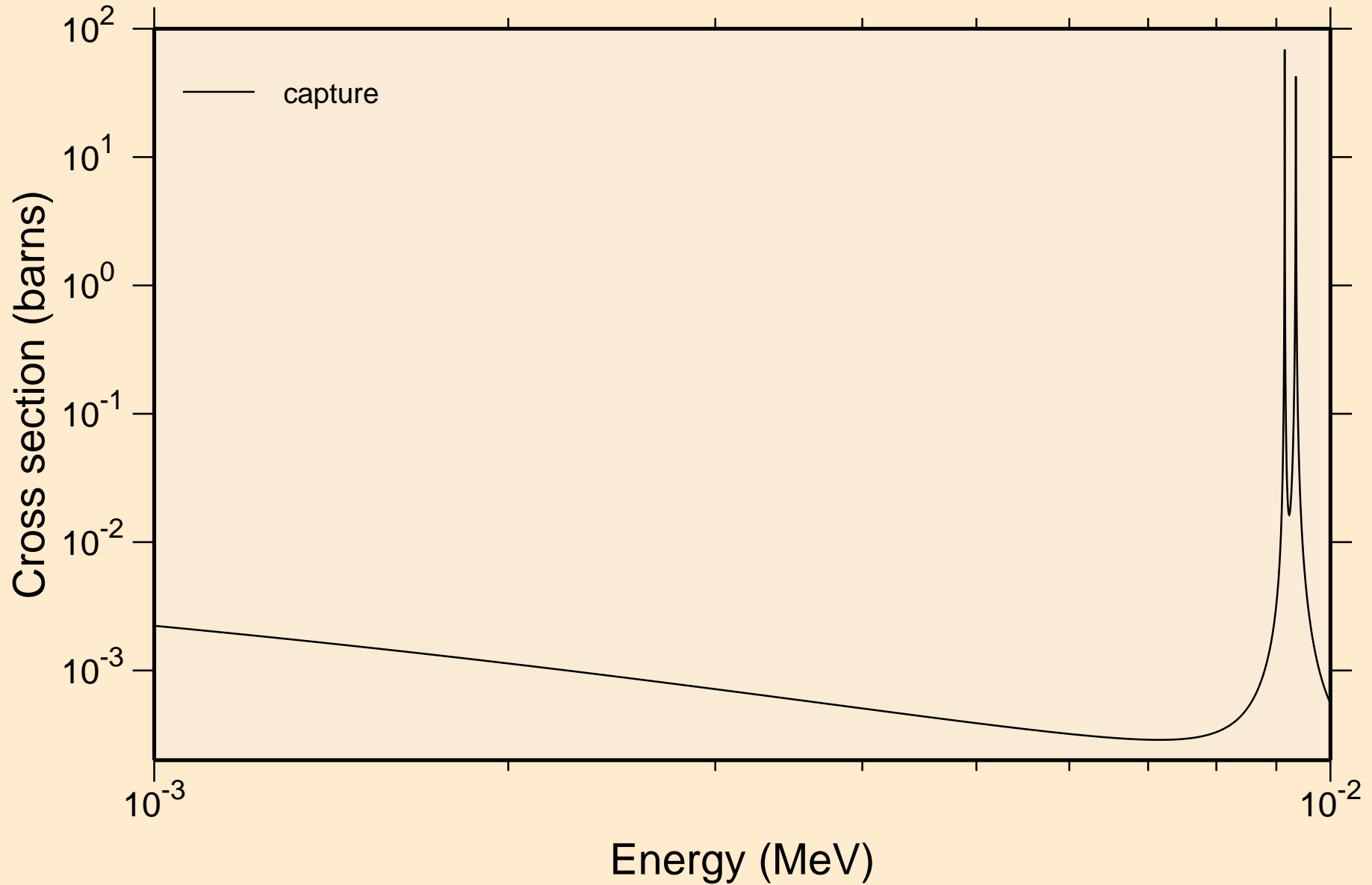
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



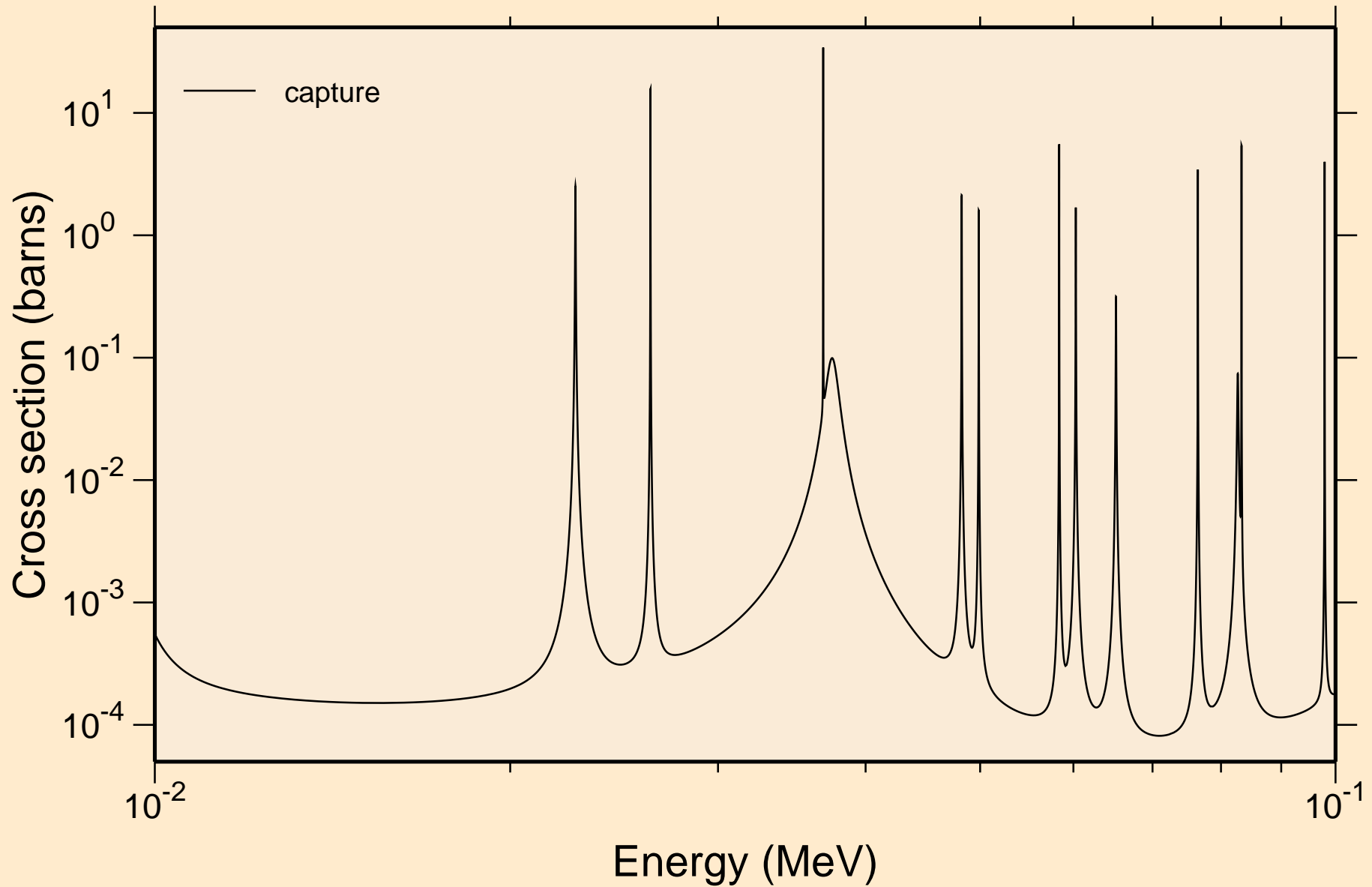
C̄A042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



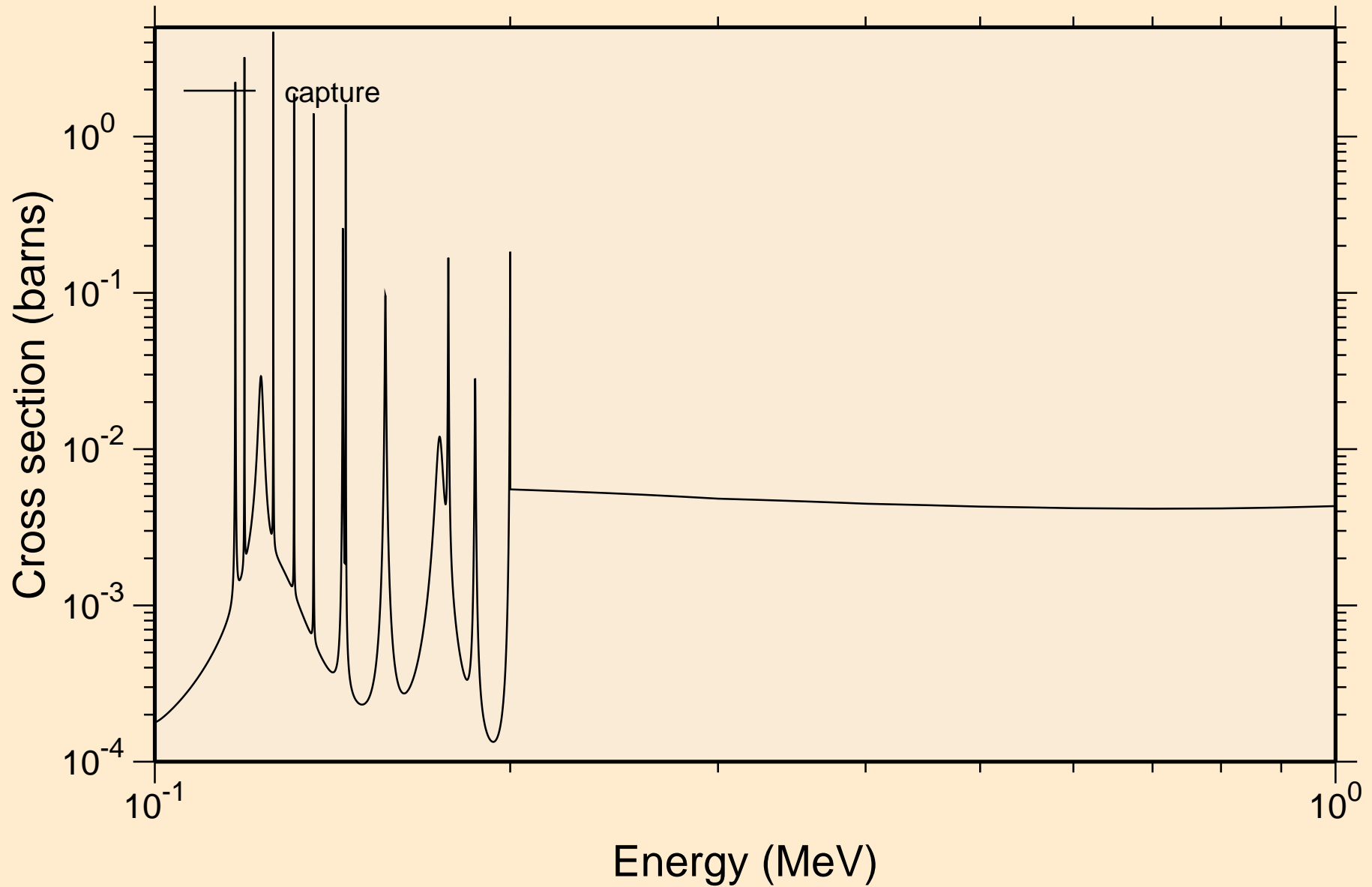
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

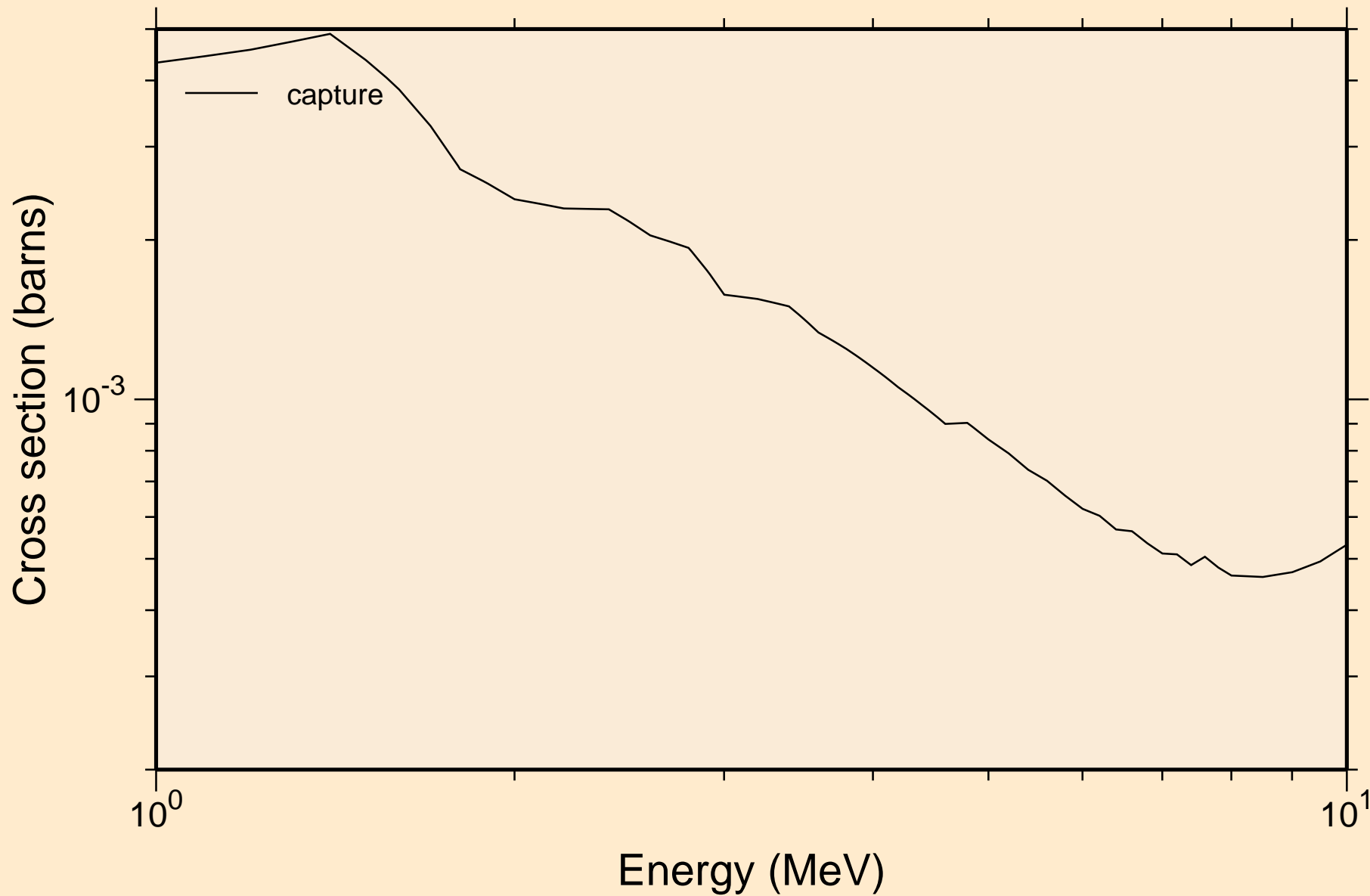


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



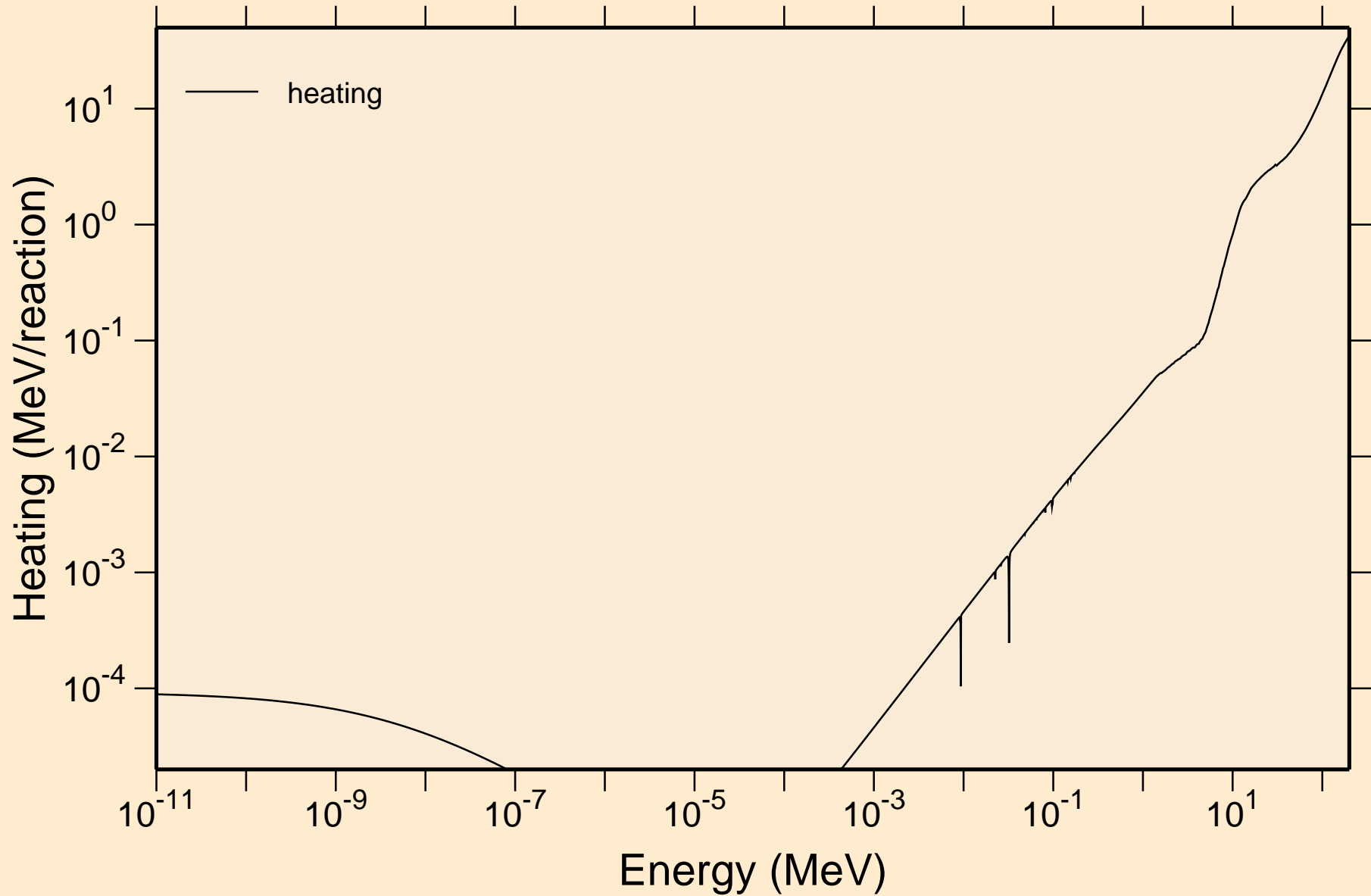


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

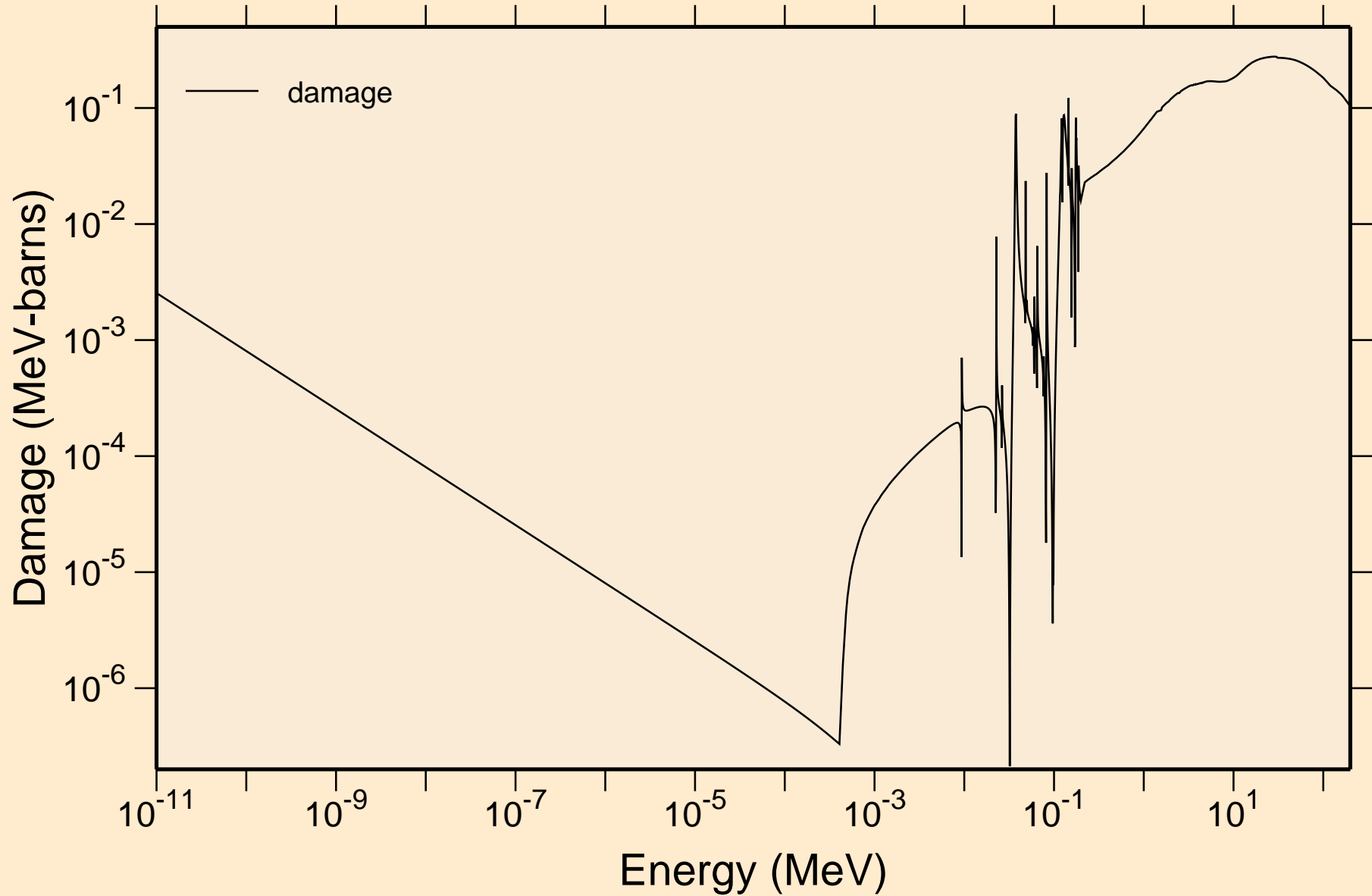


# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

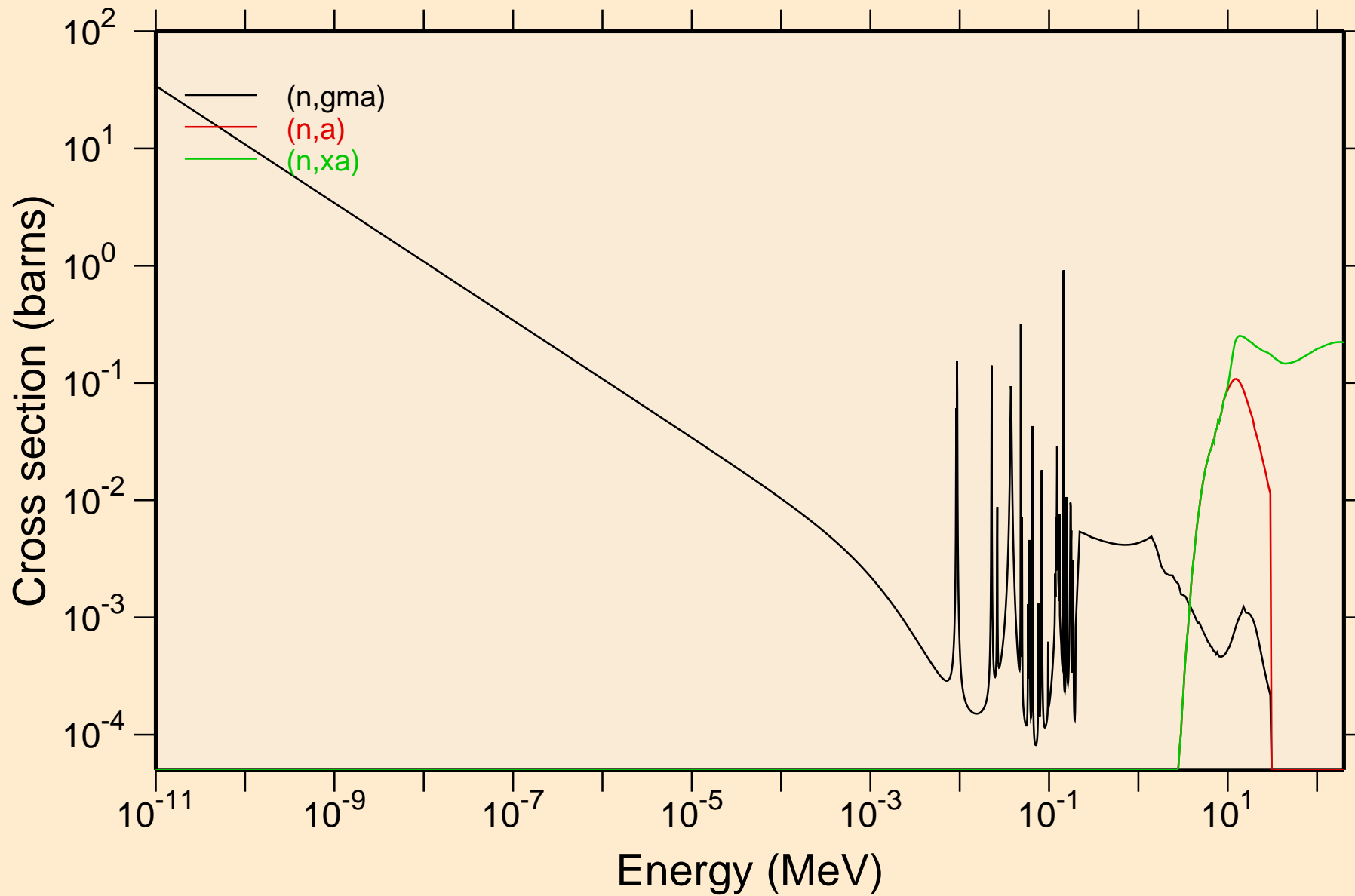
## Heating



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

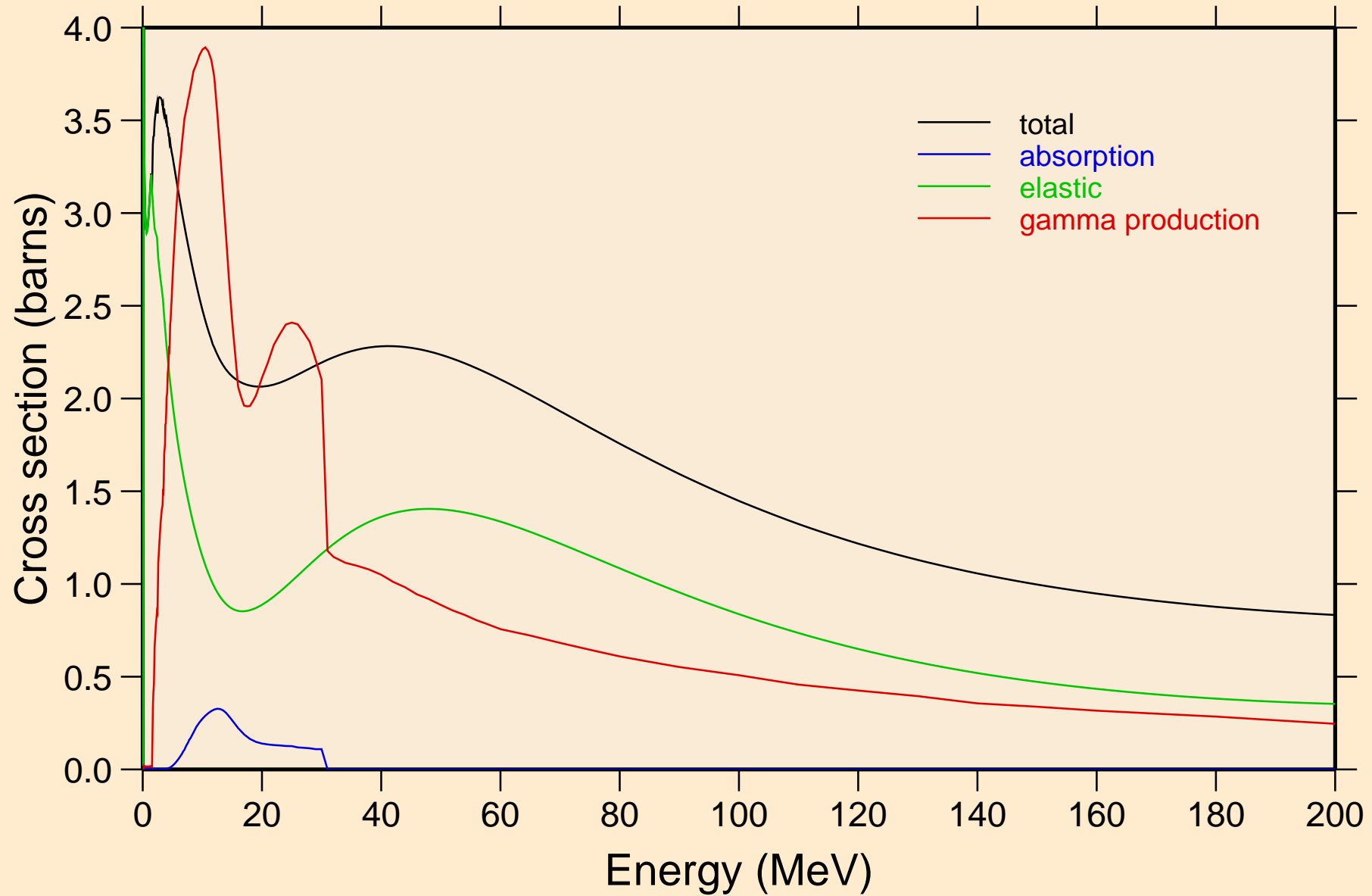


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



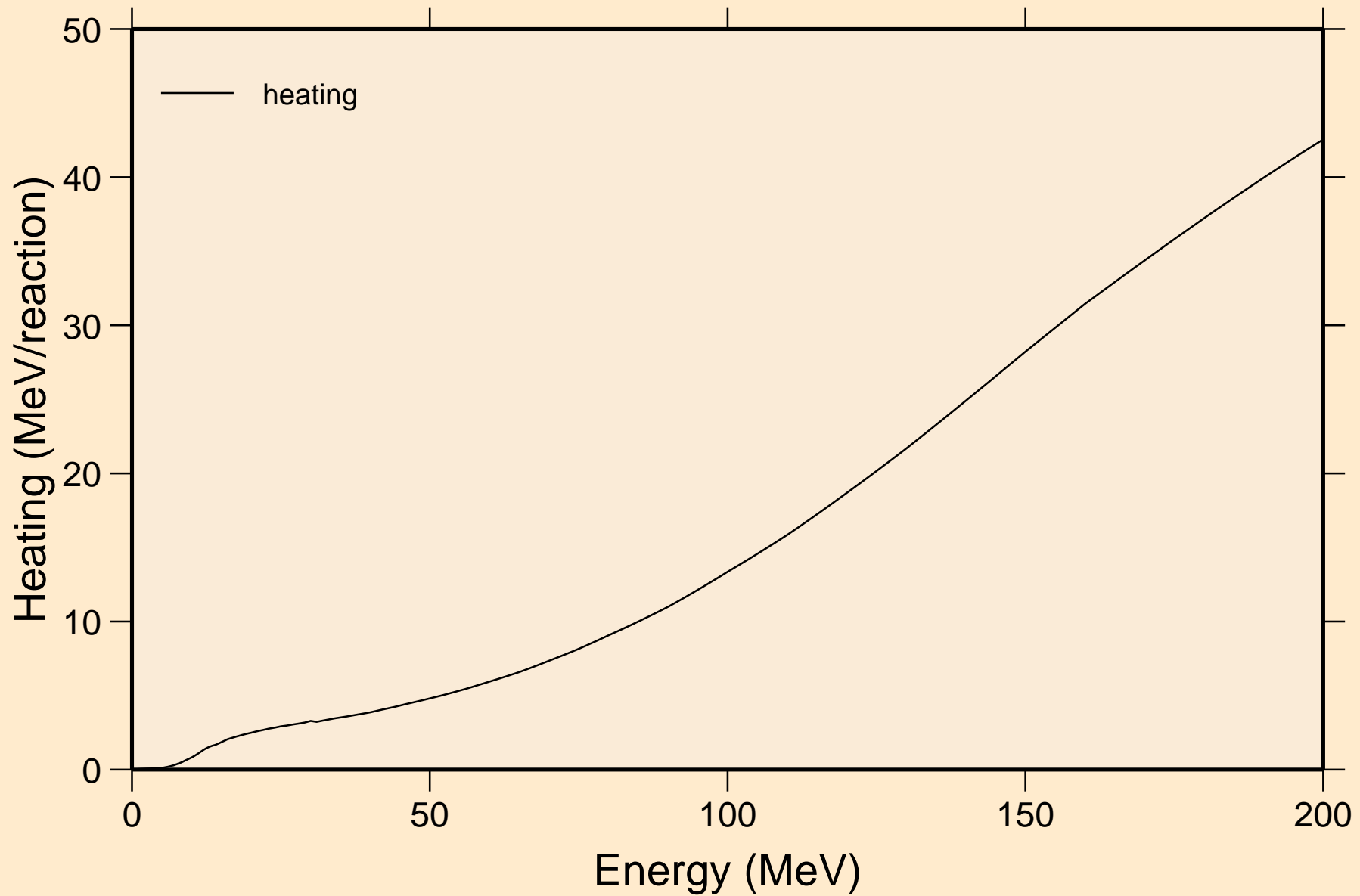
# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



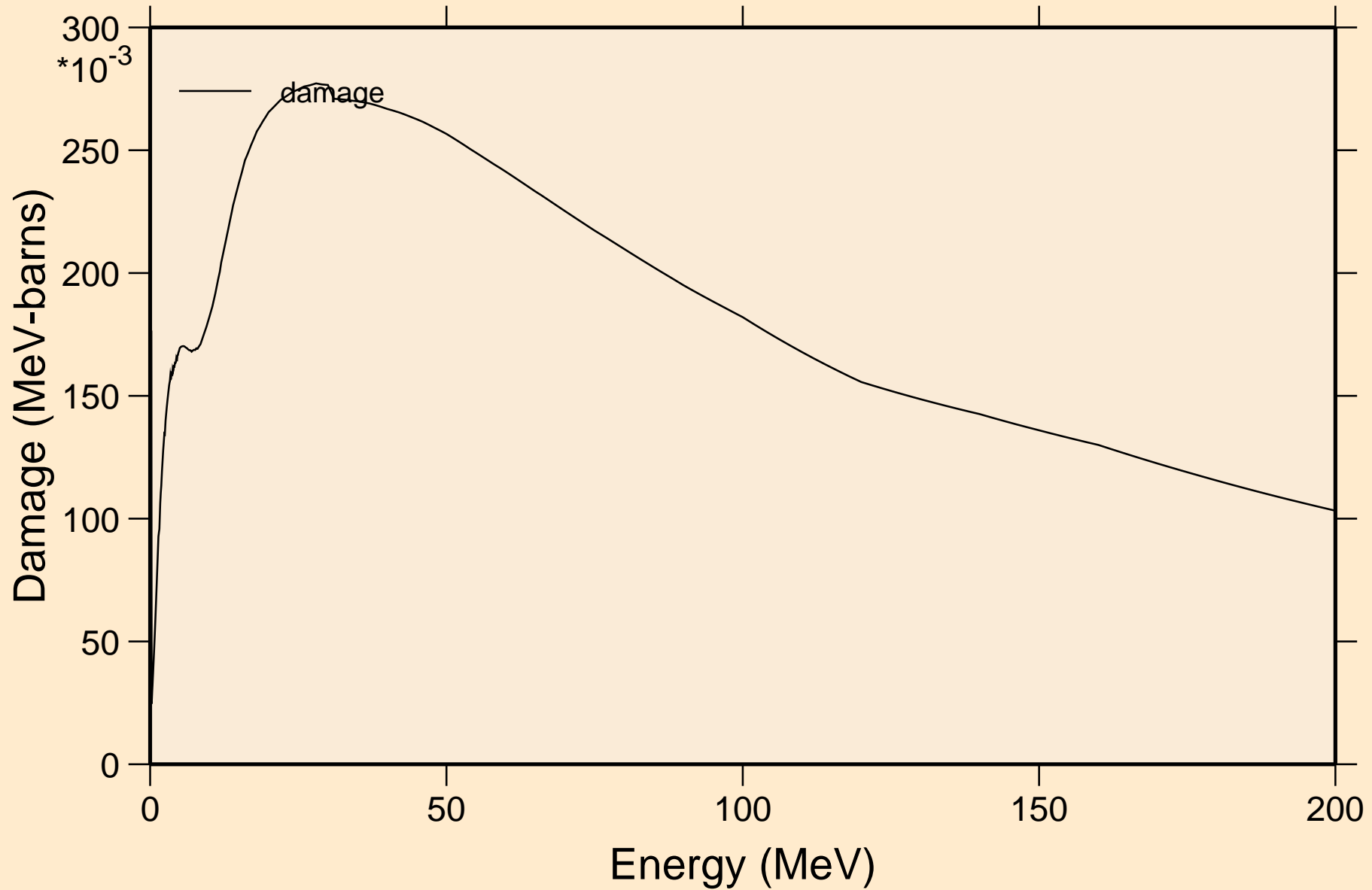
# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

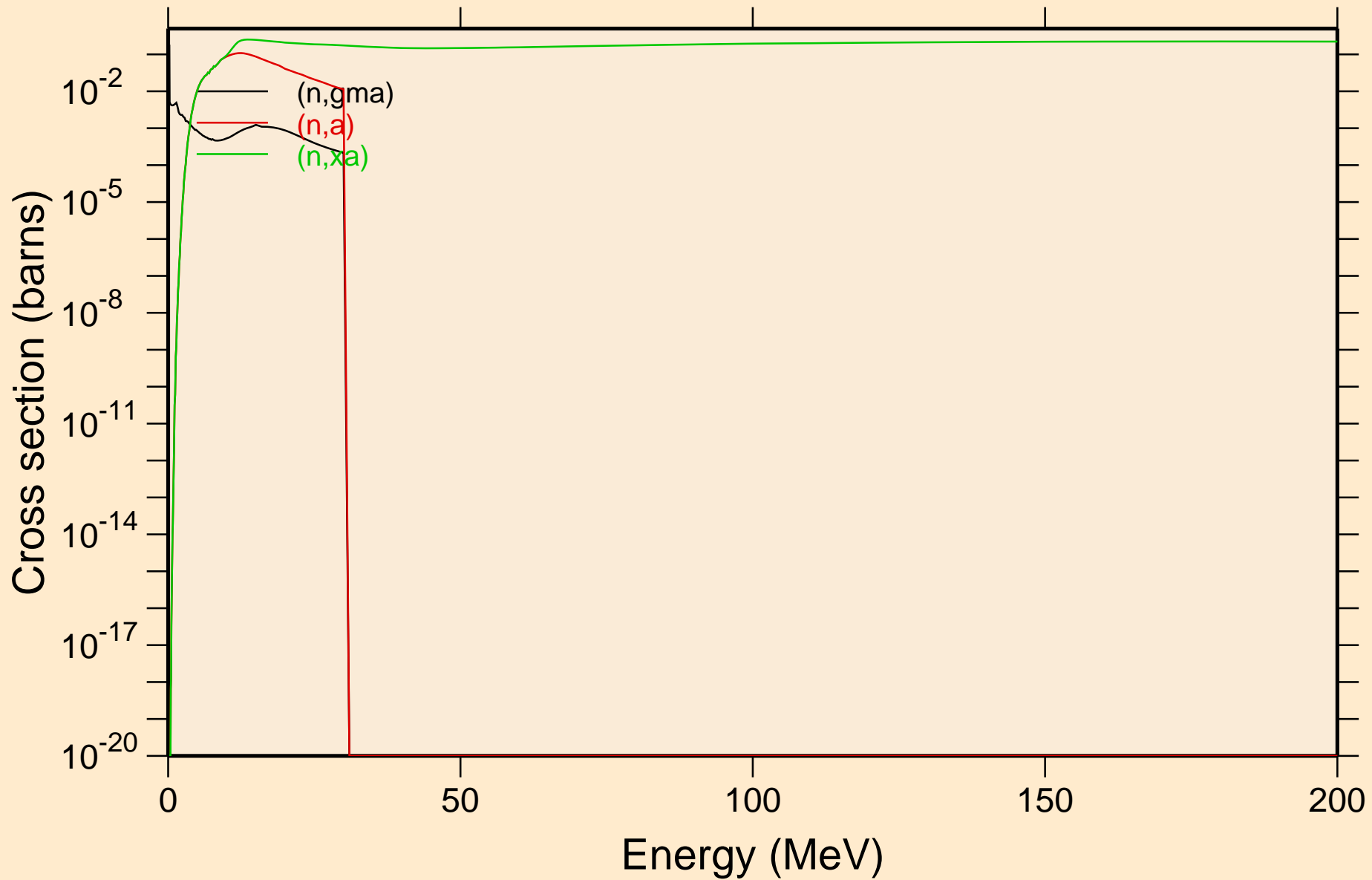


# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

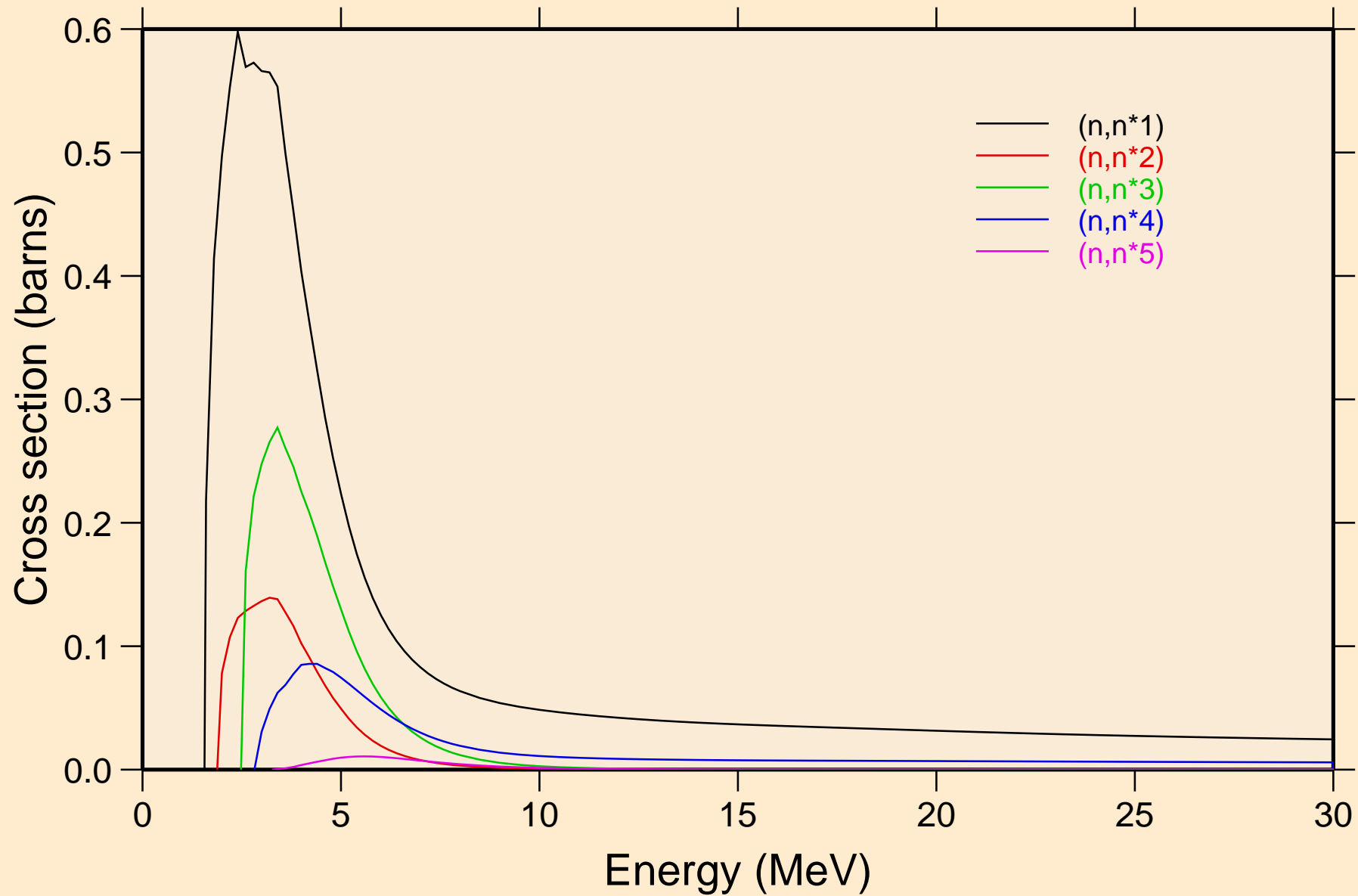


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

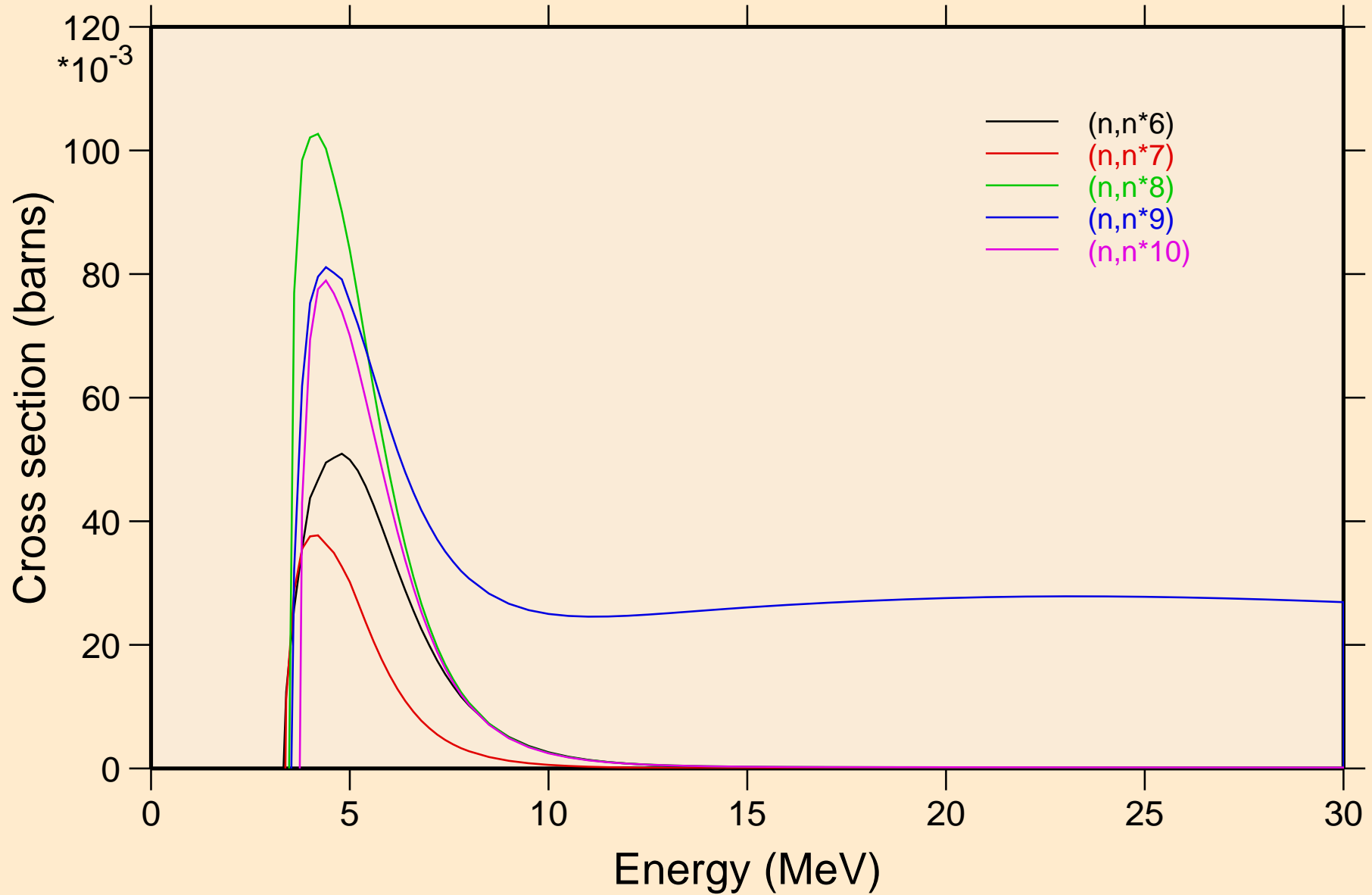




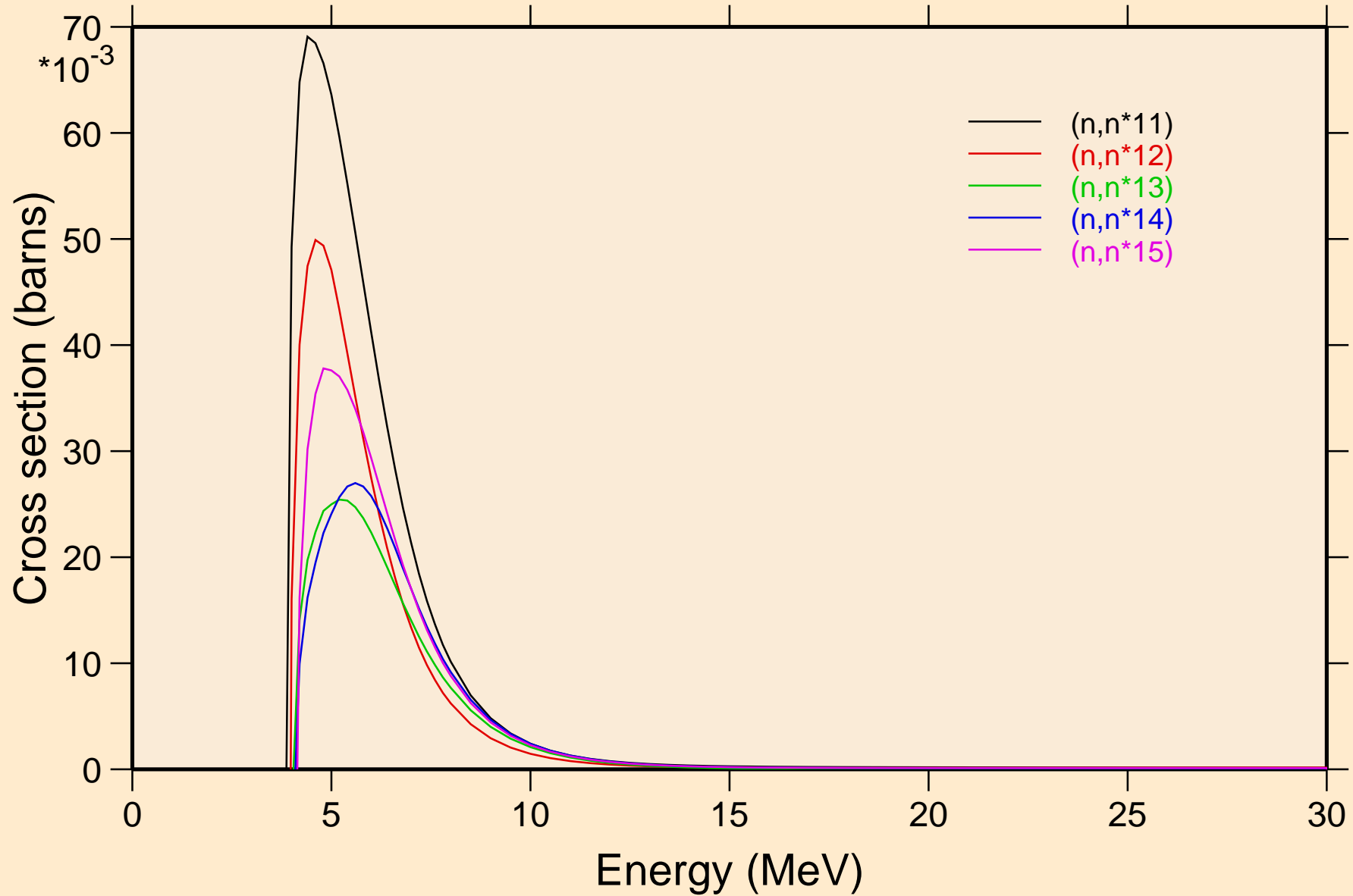
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



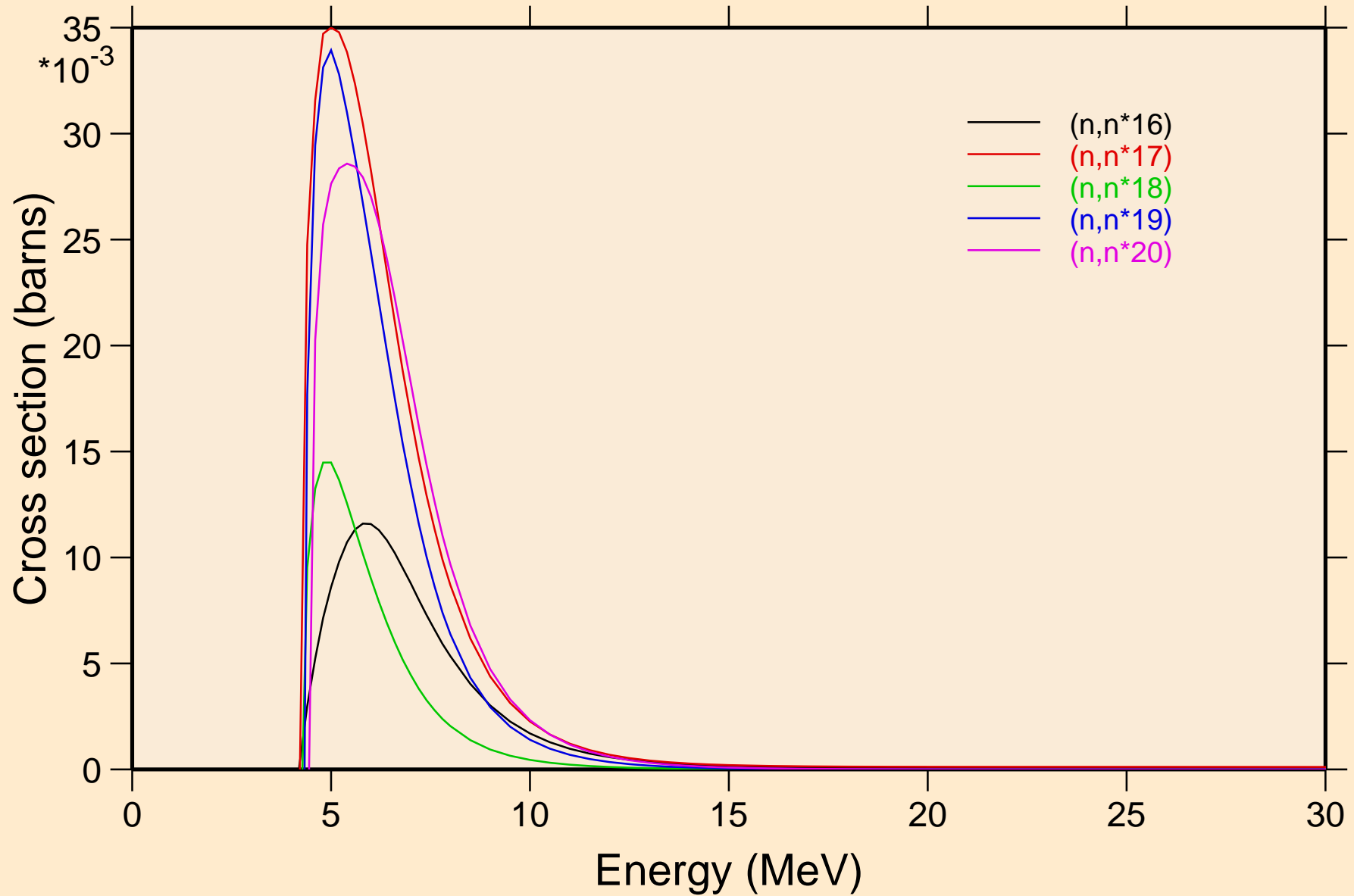
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



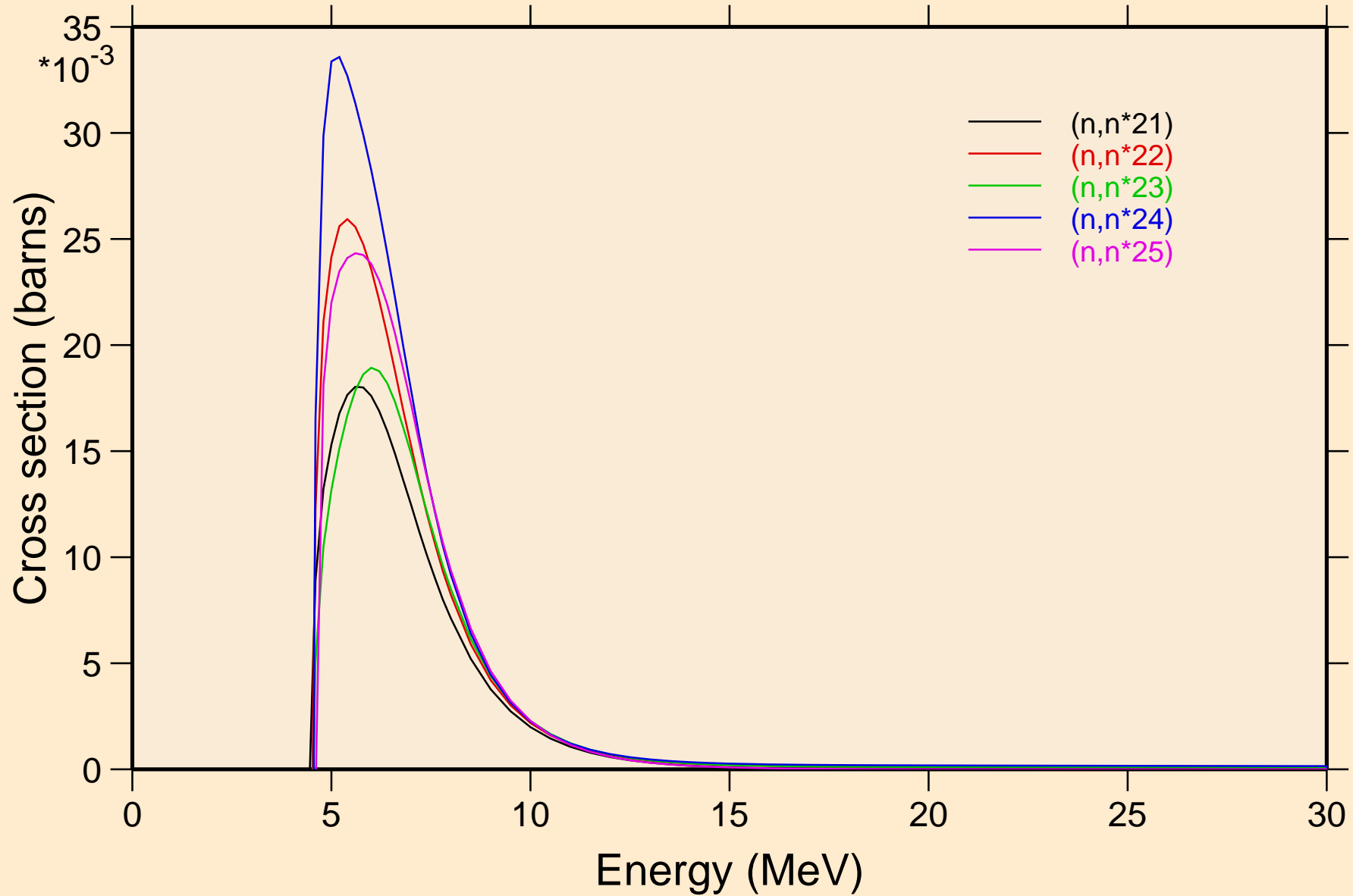
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



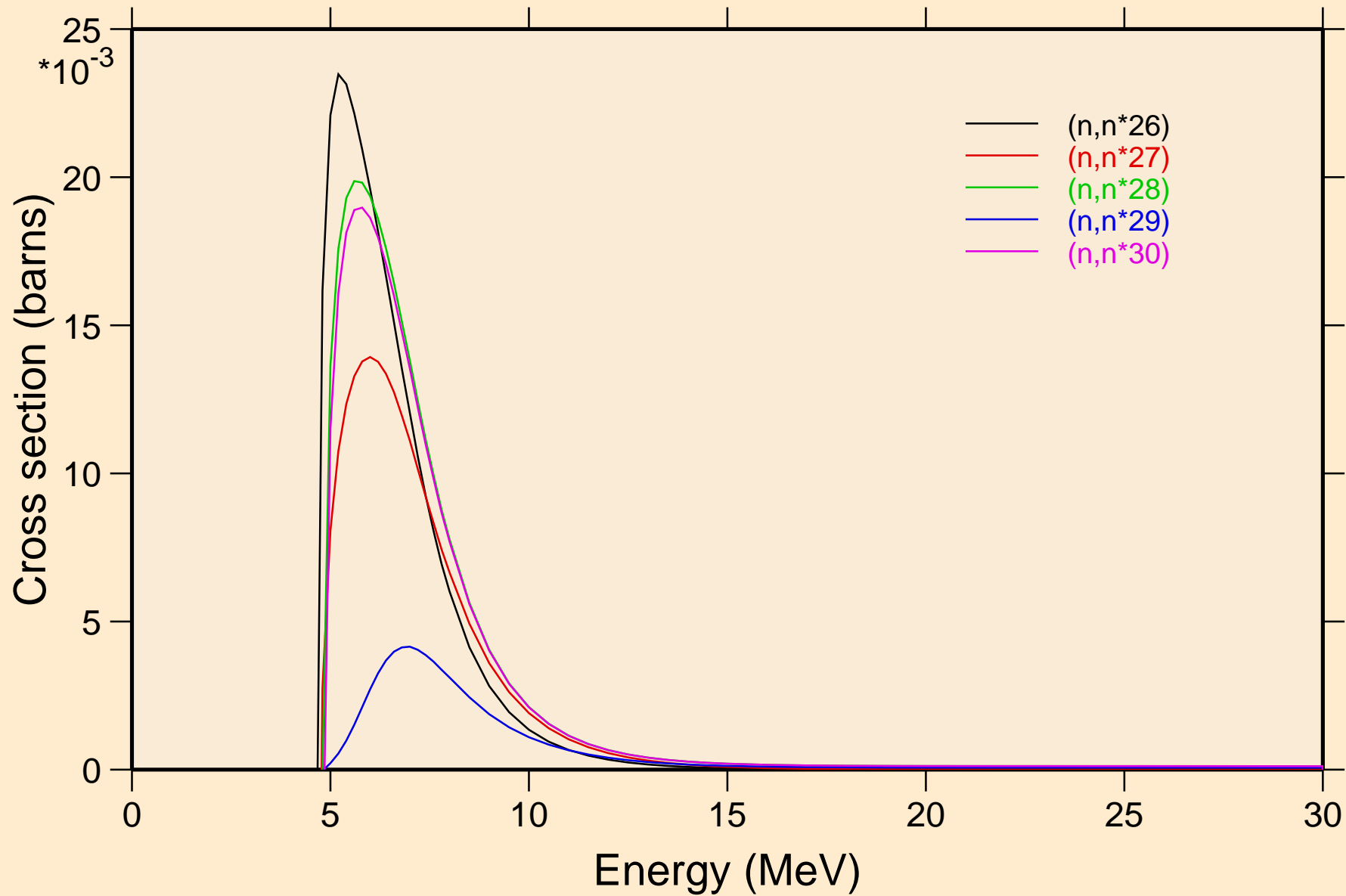
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



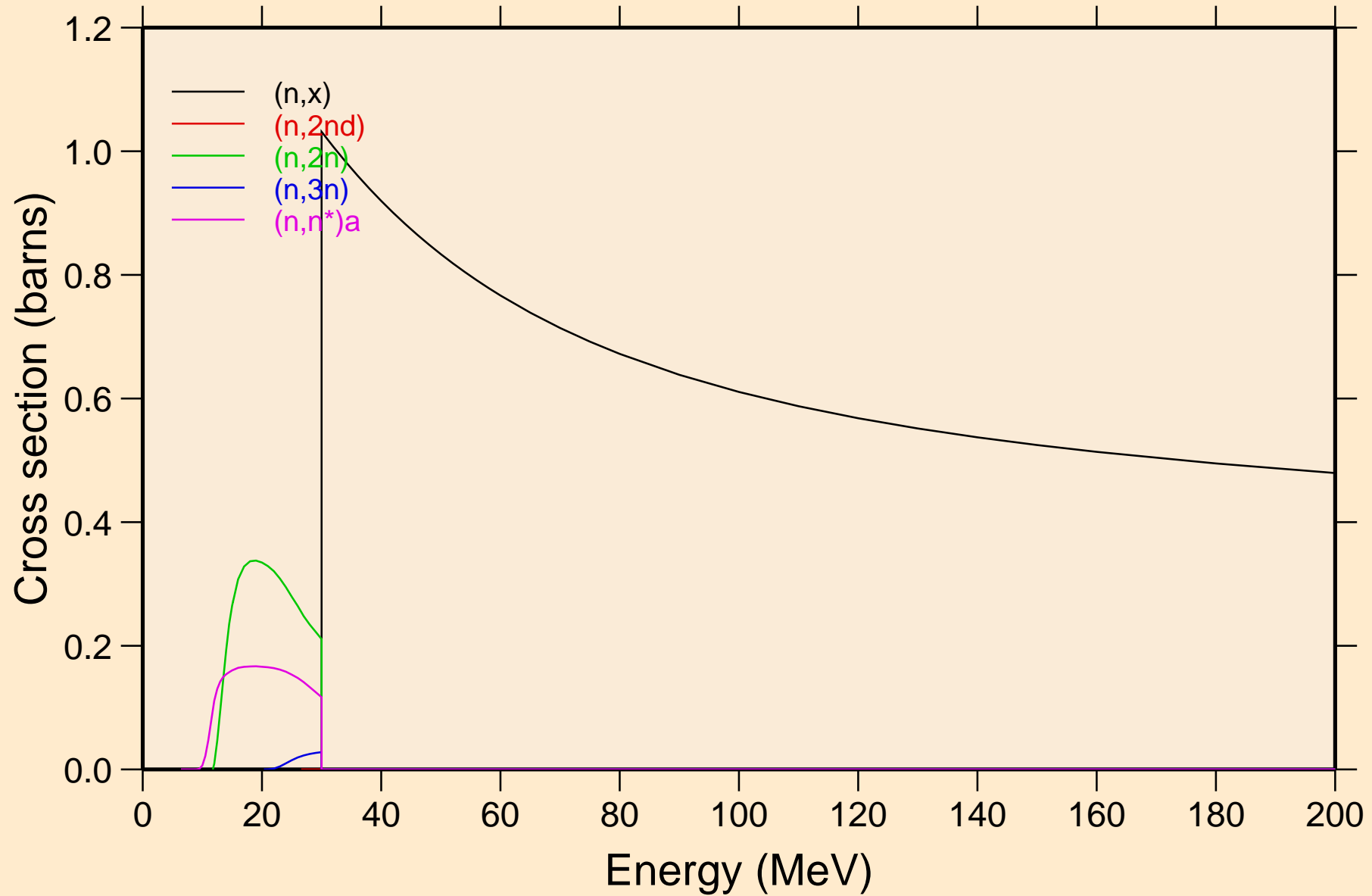
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

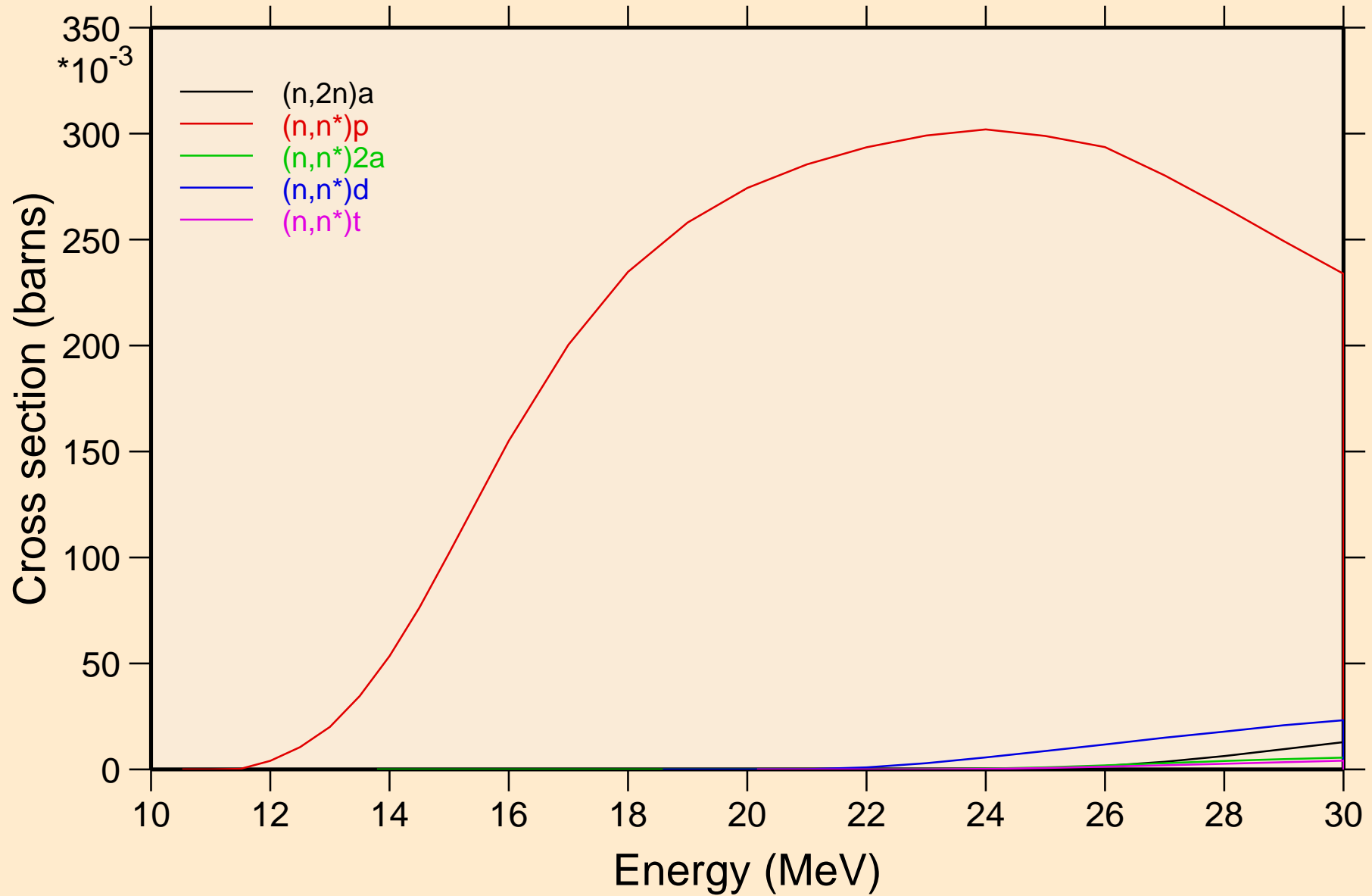


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

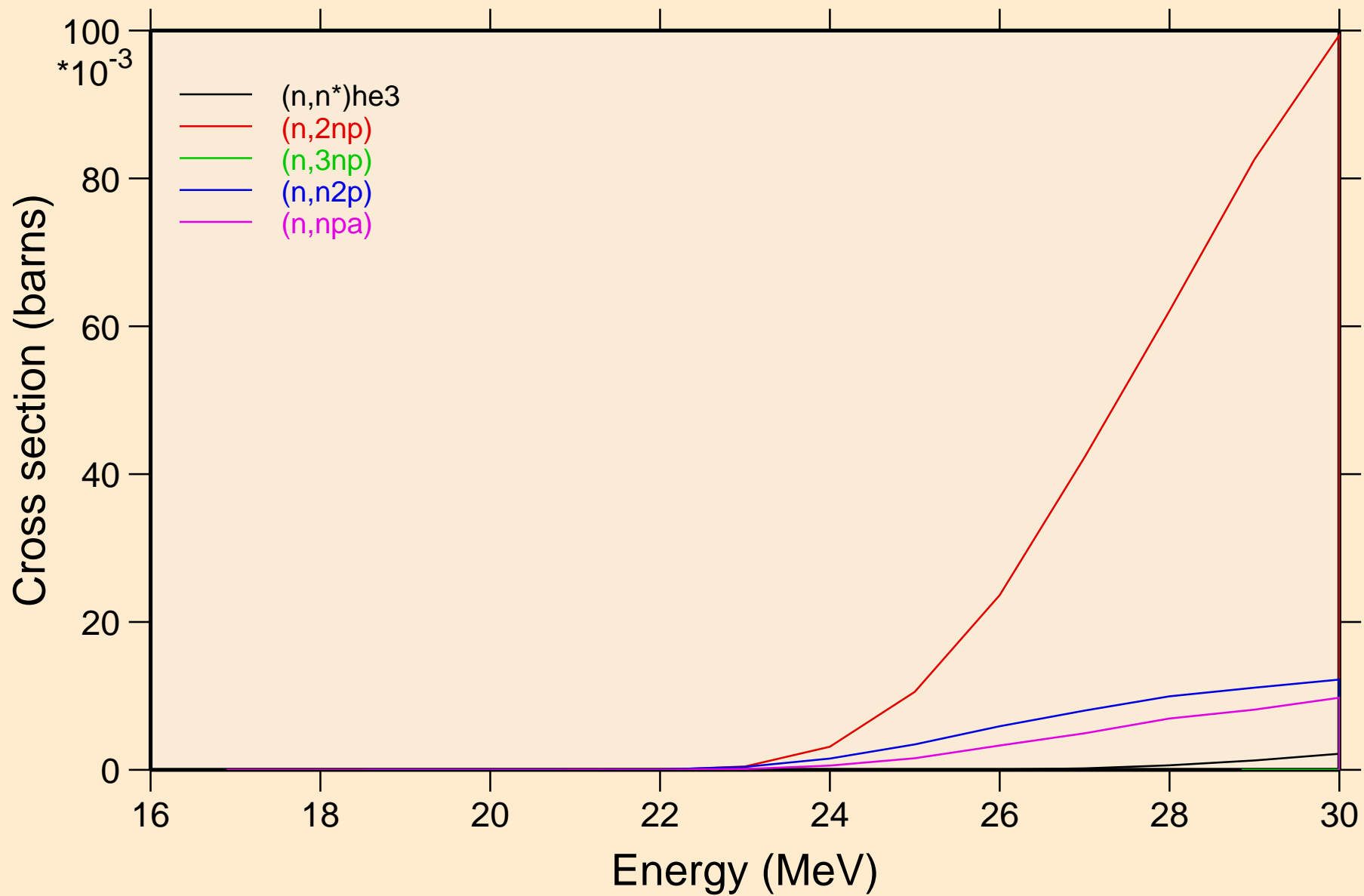
## Threshold reactions



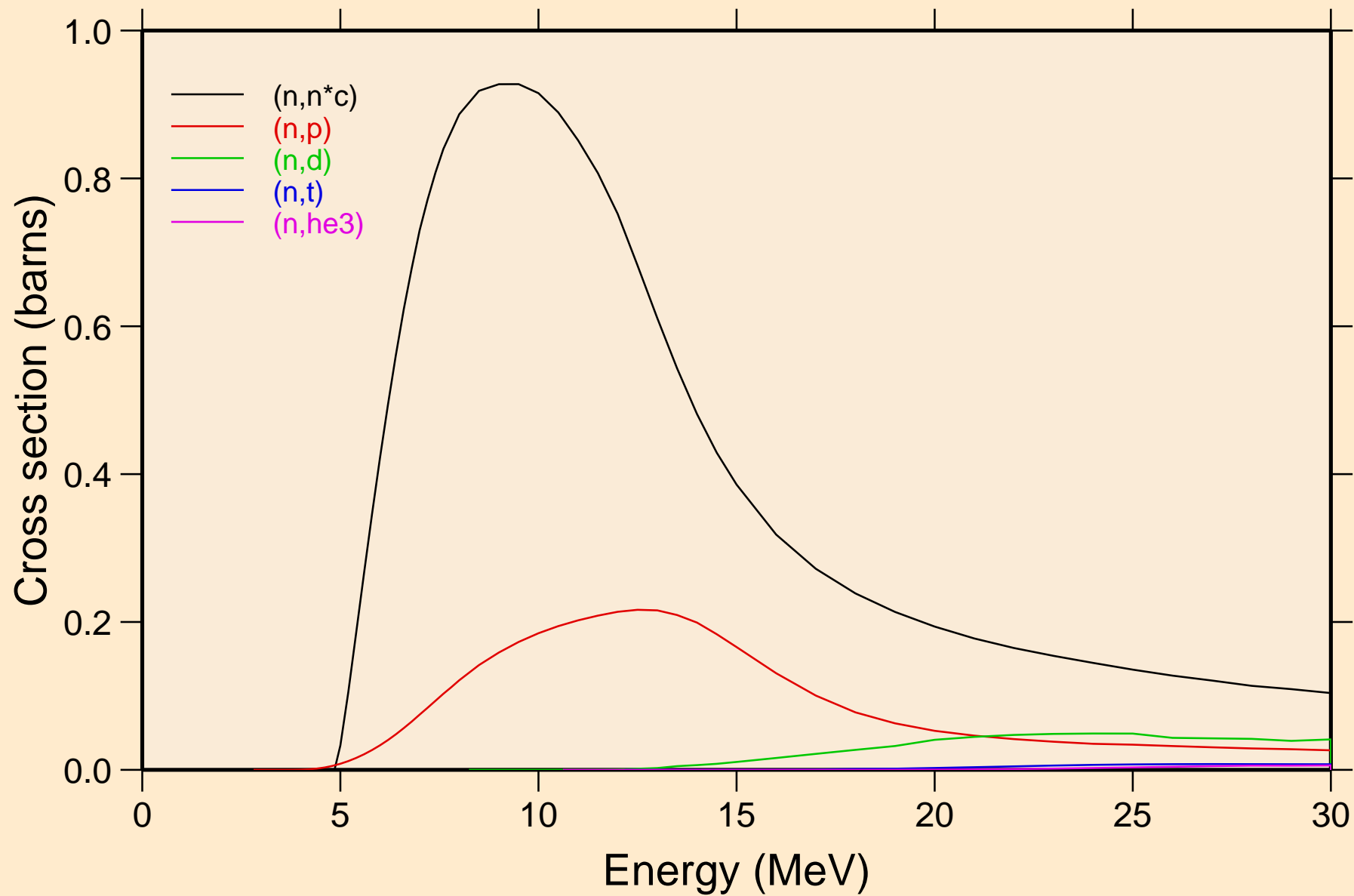


# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

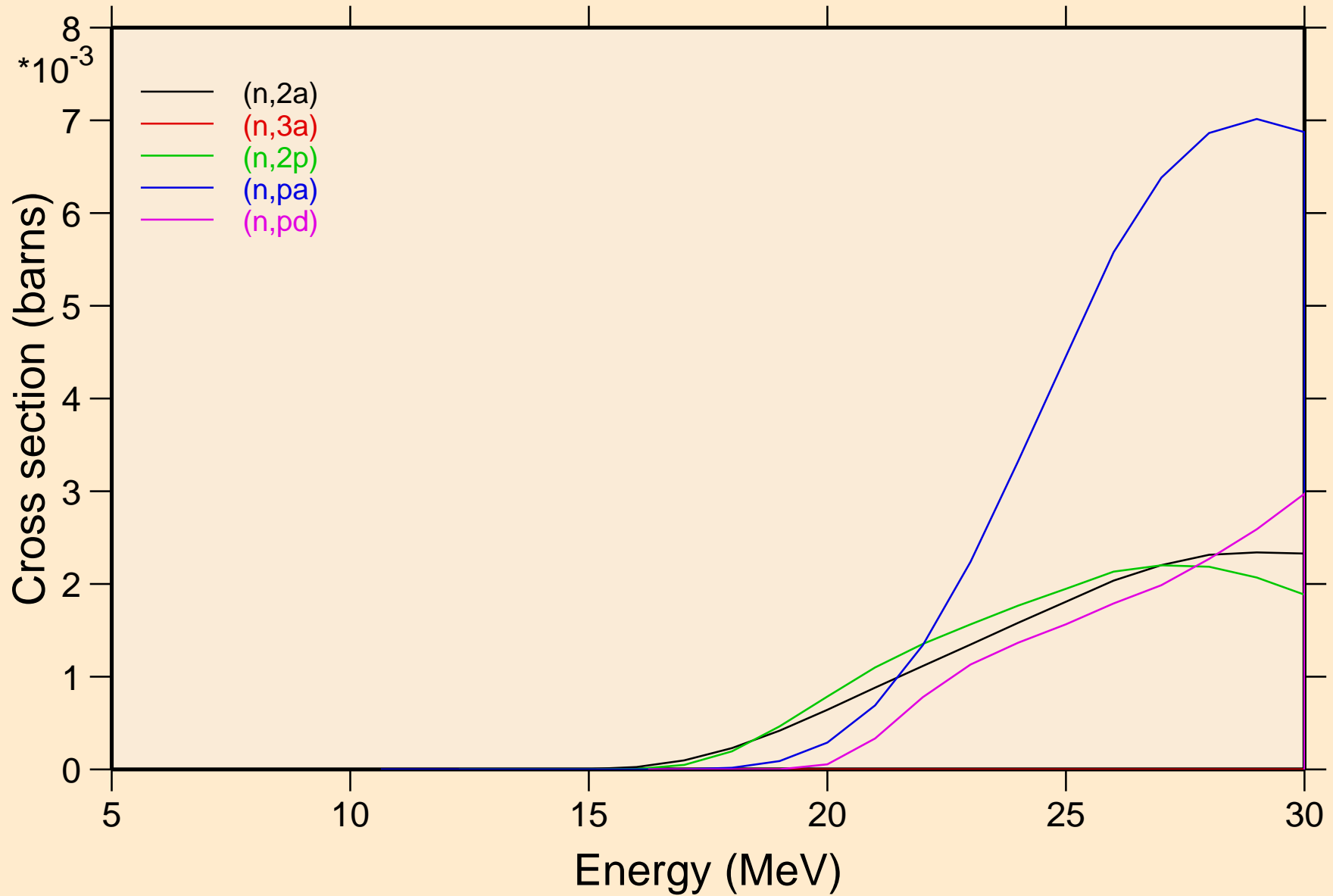


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

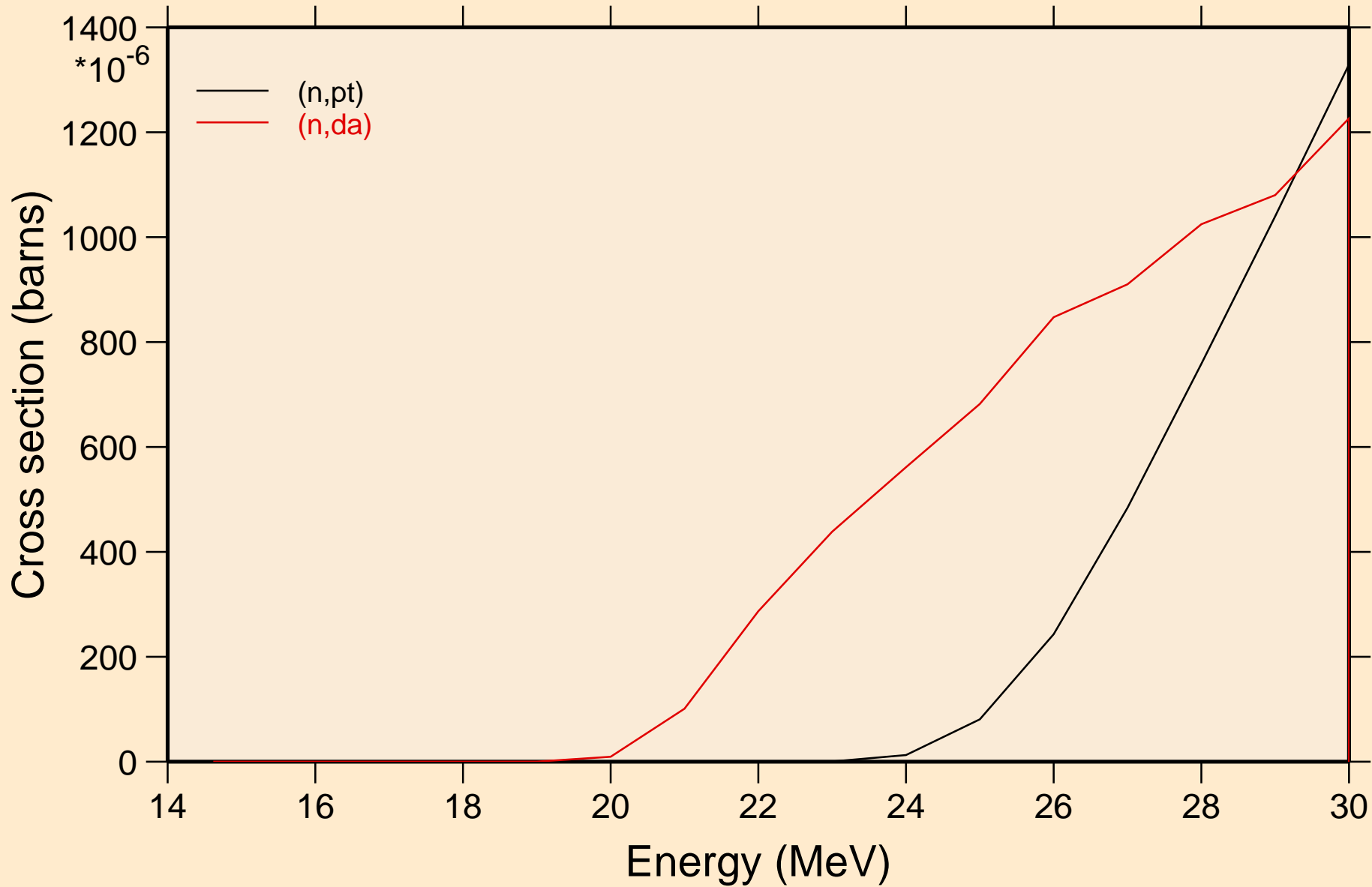


# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

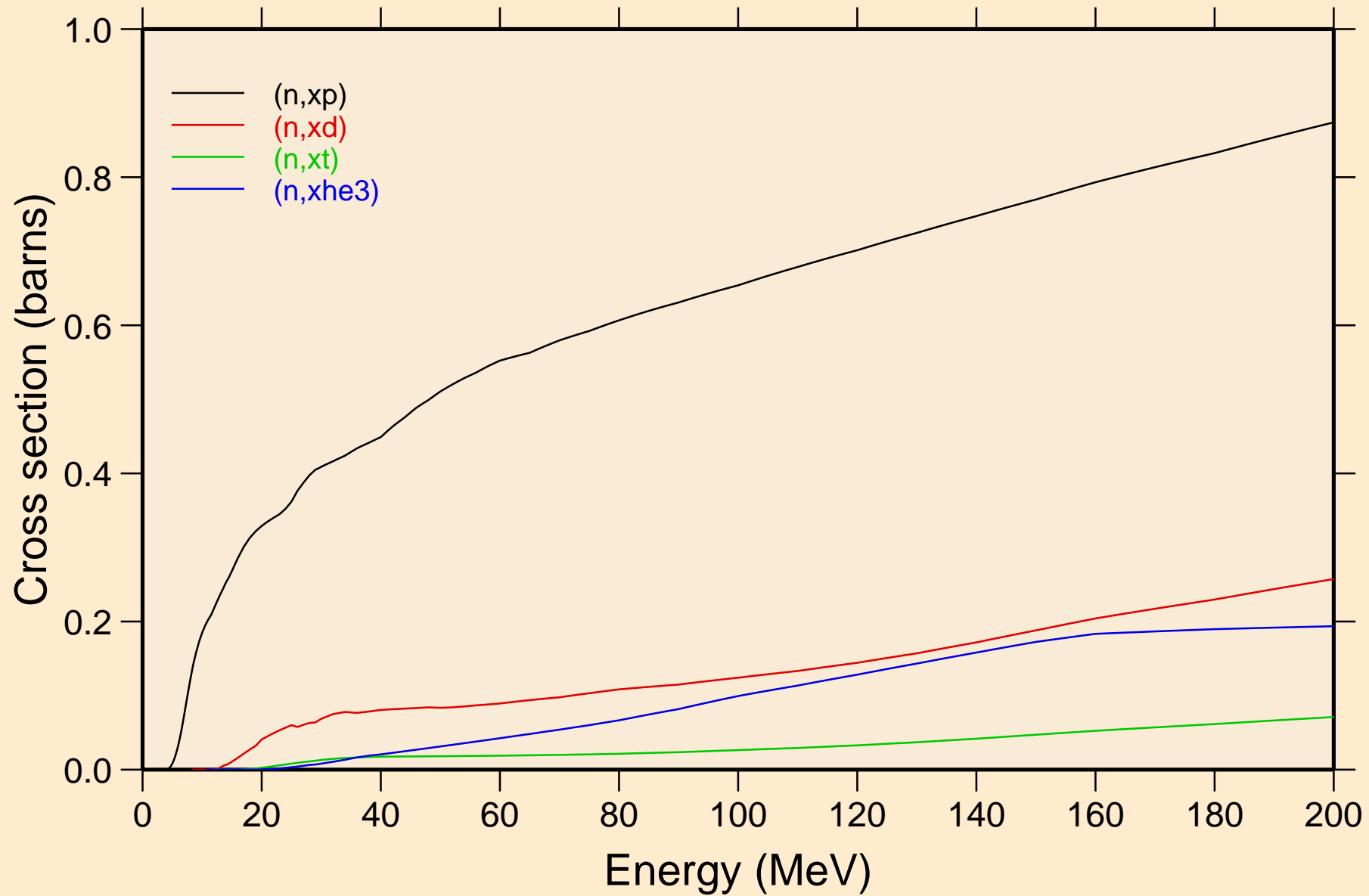


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

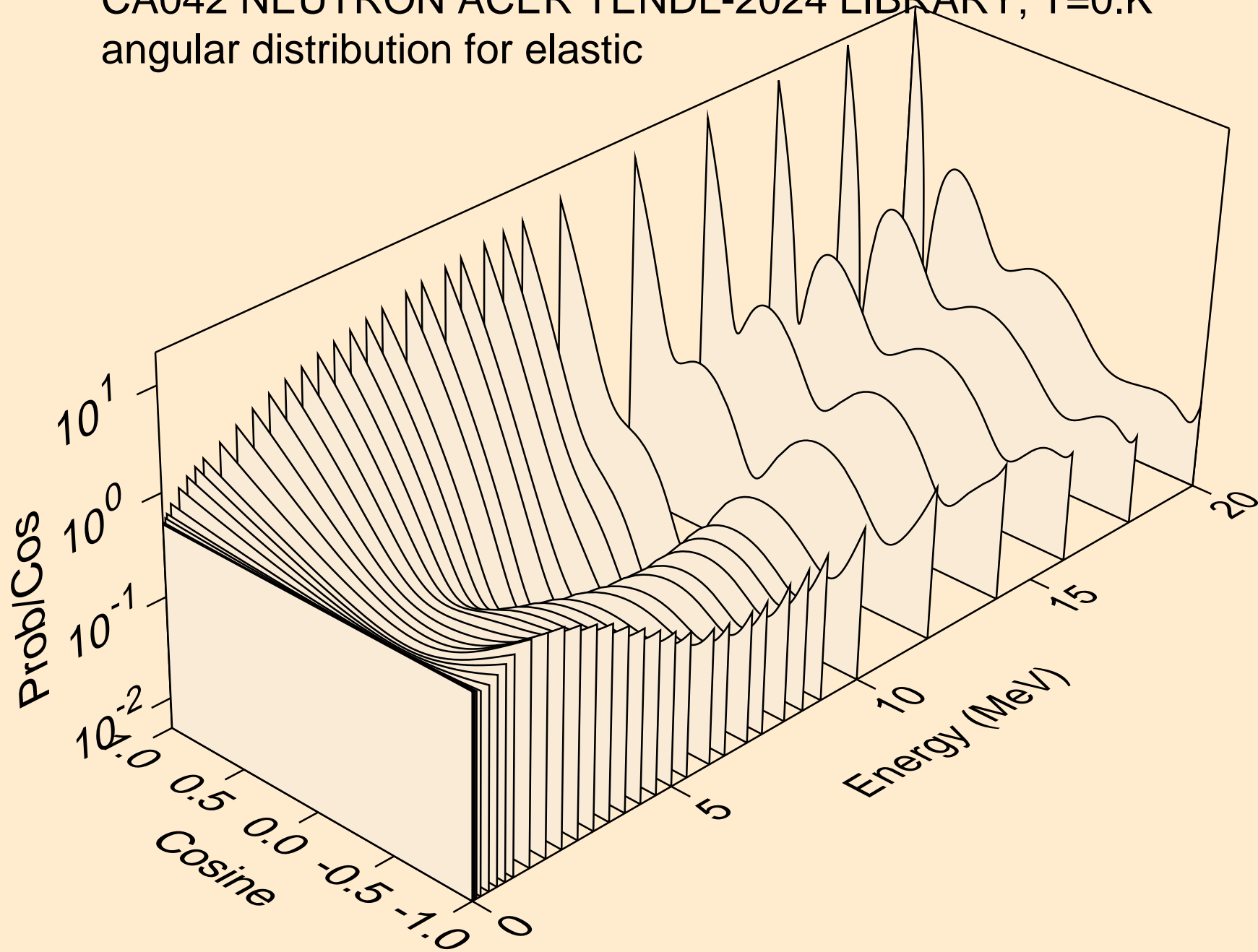


# CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

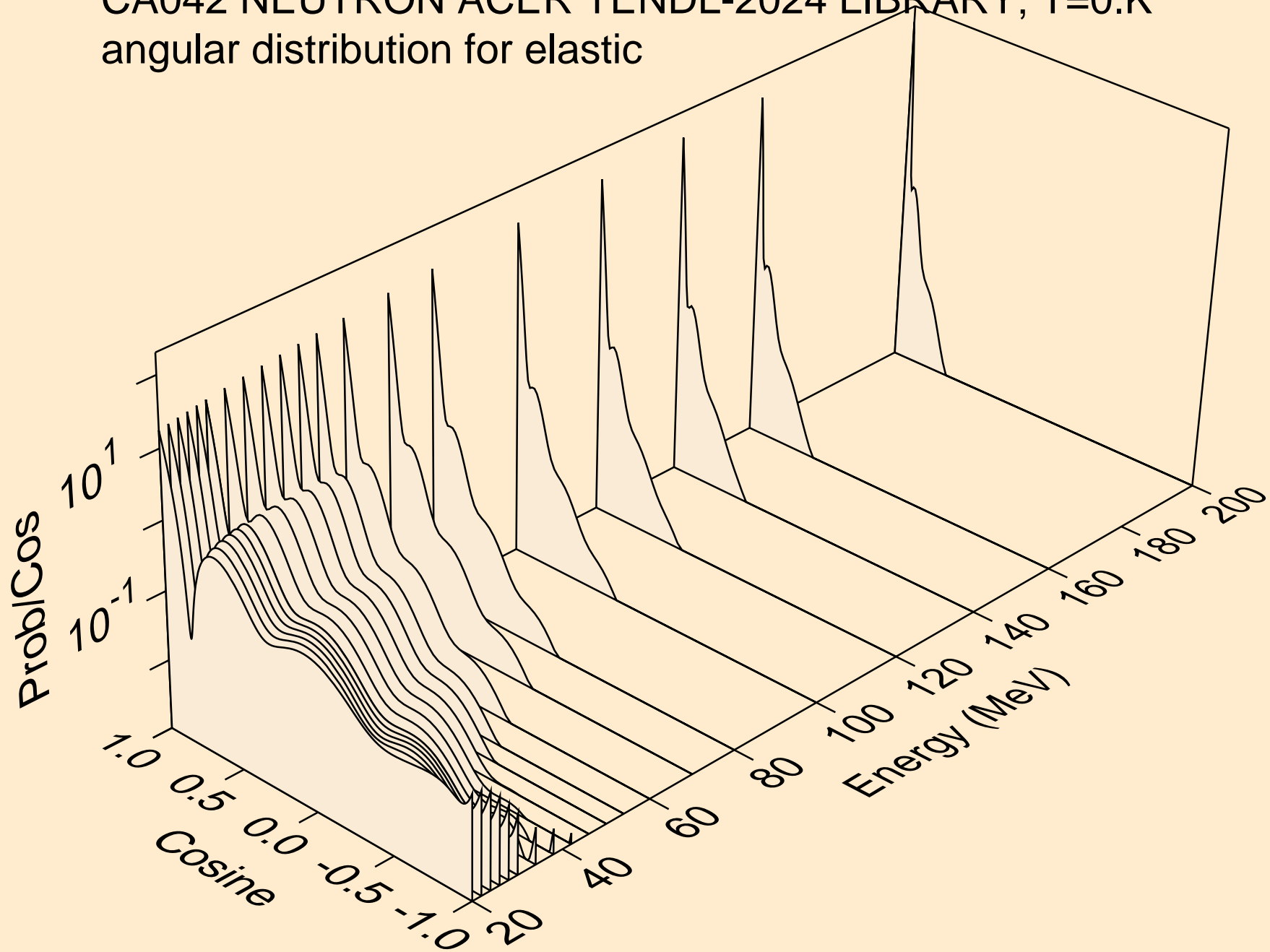
## Threshold reactions



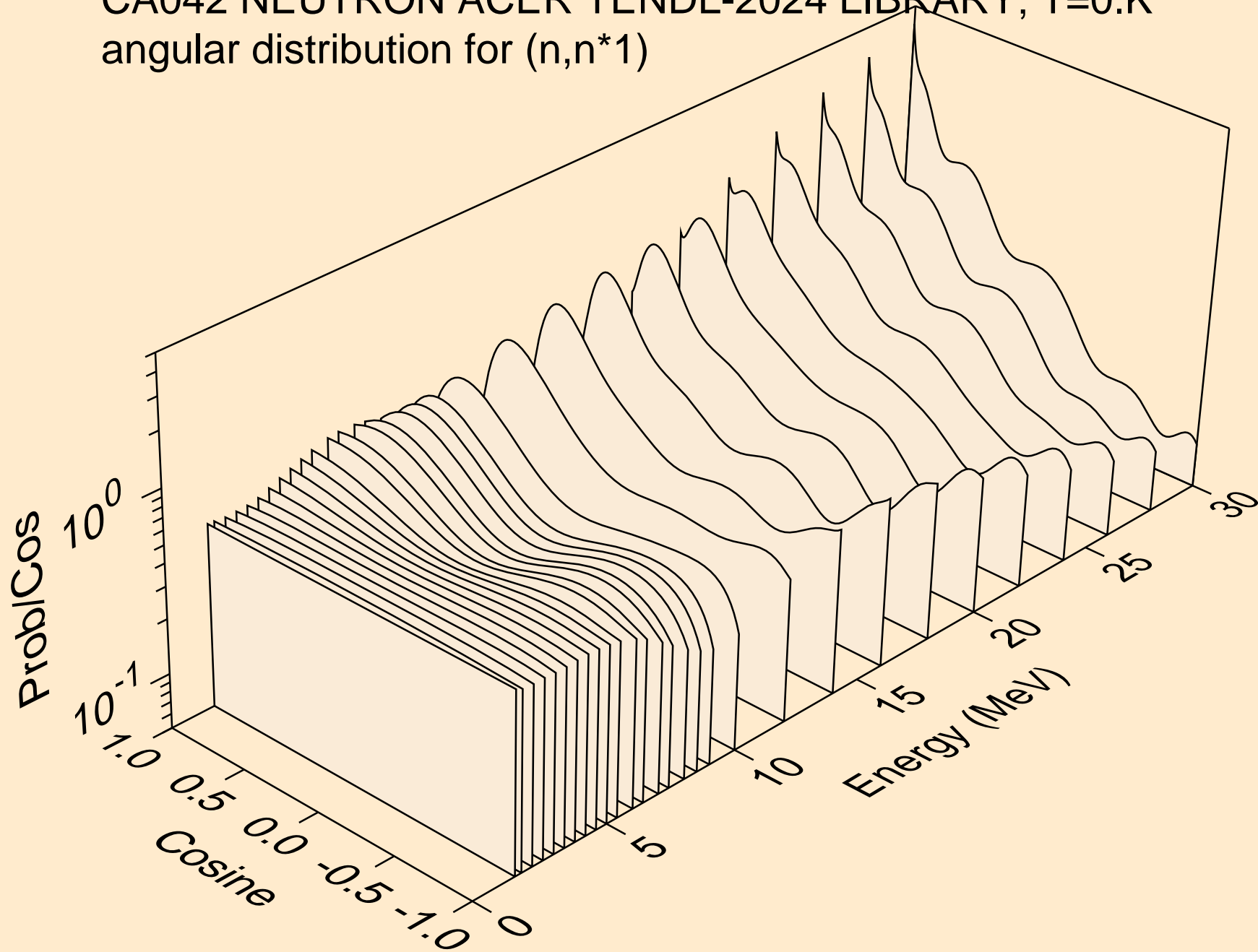
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

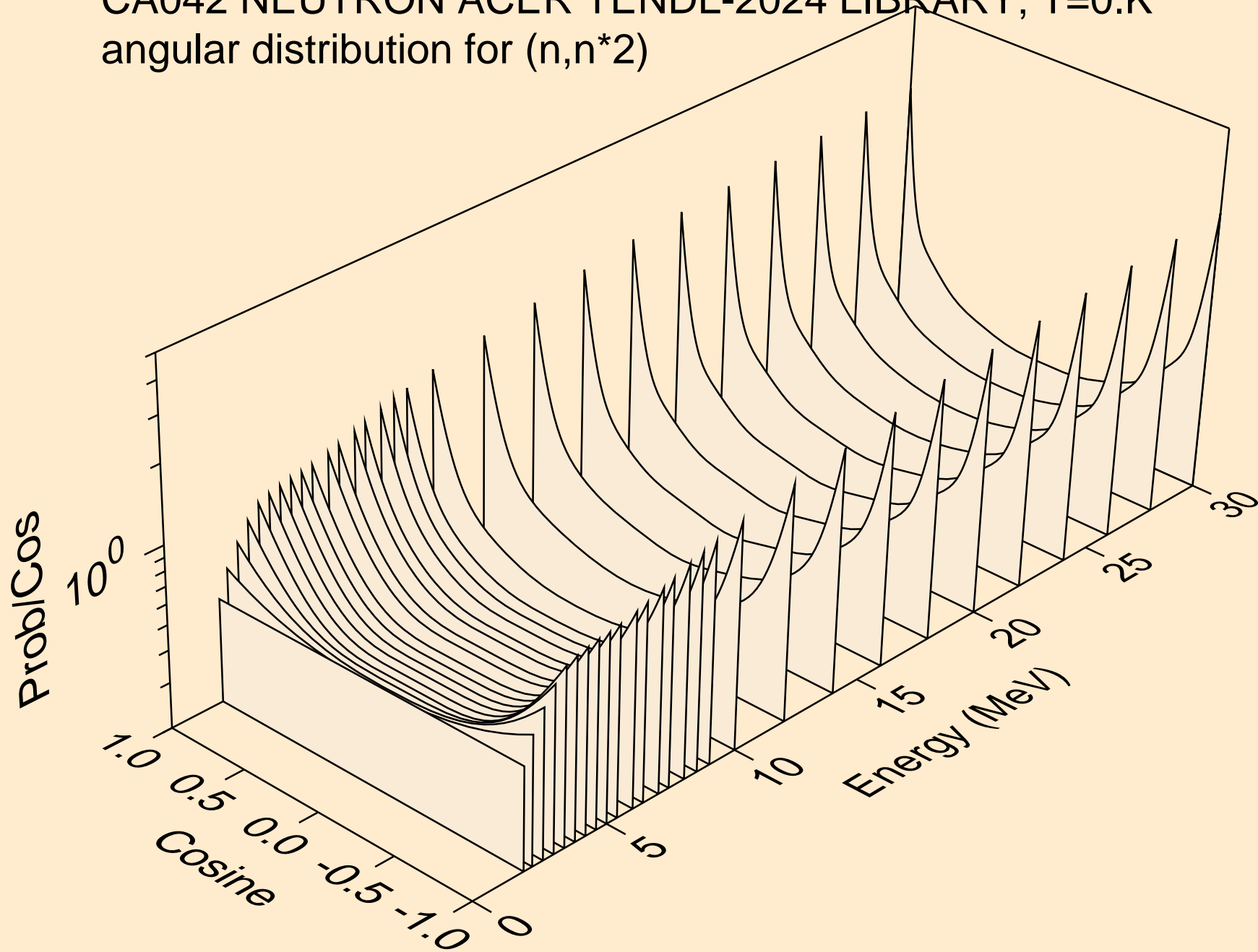


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

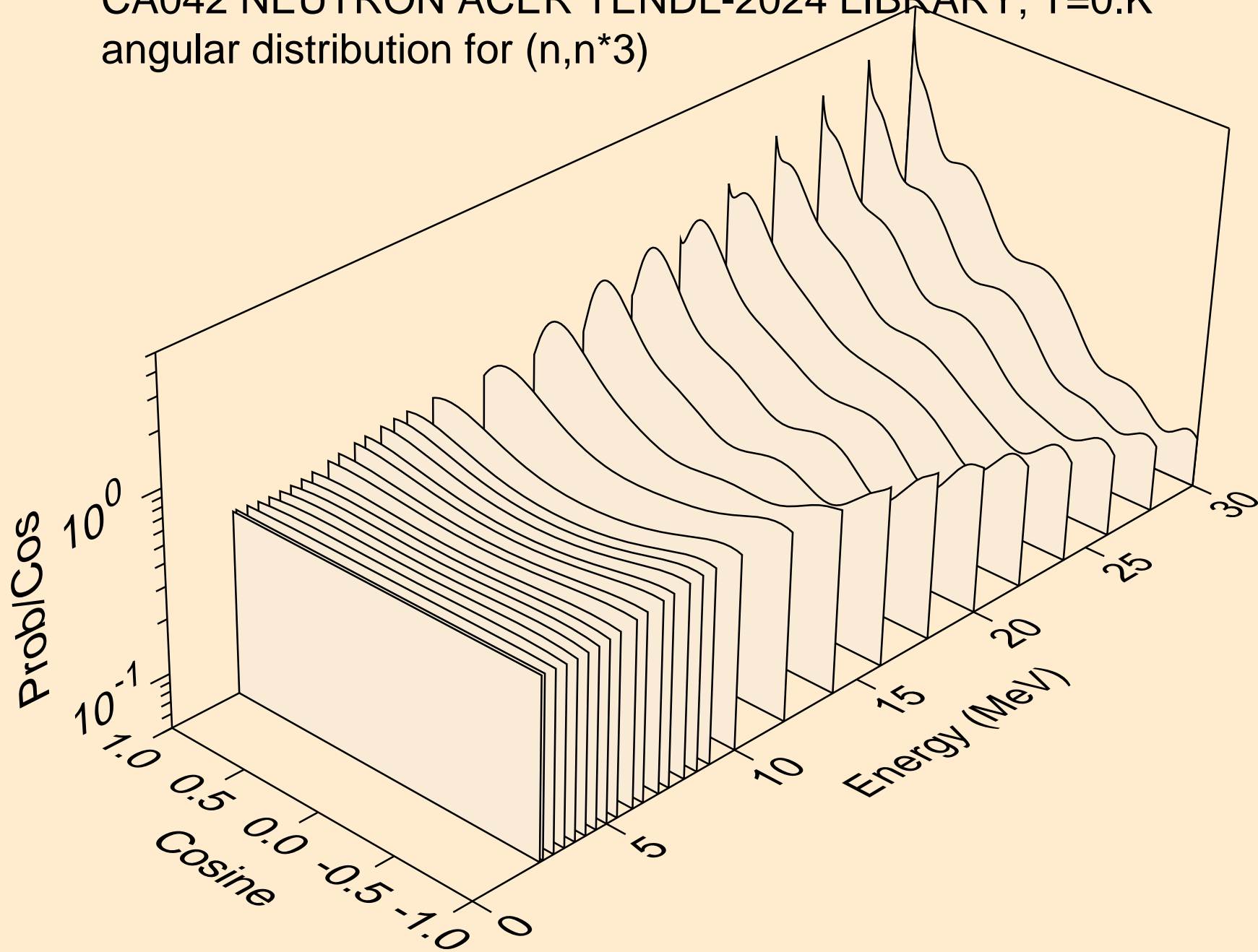




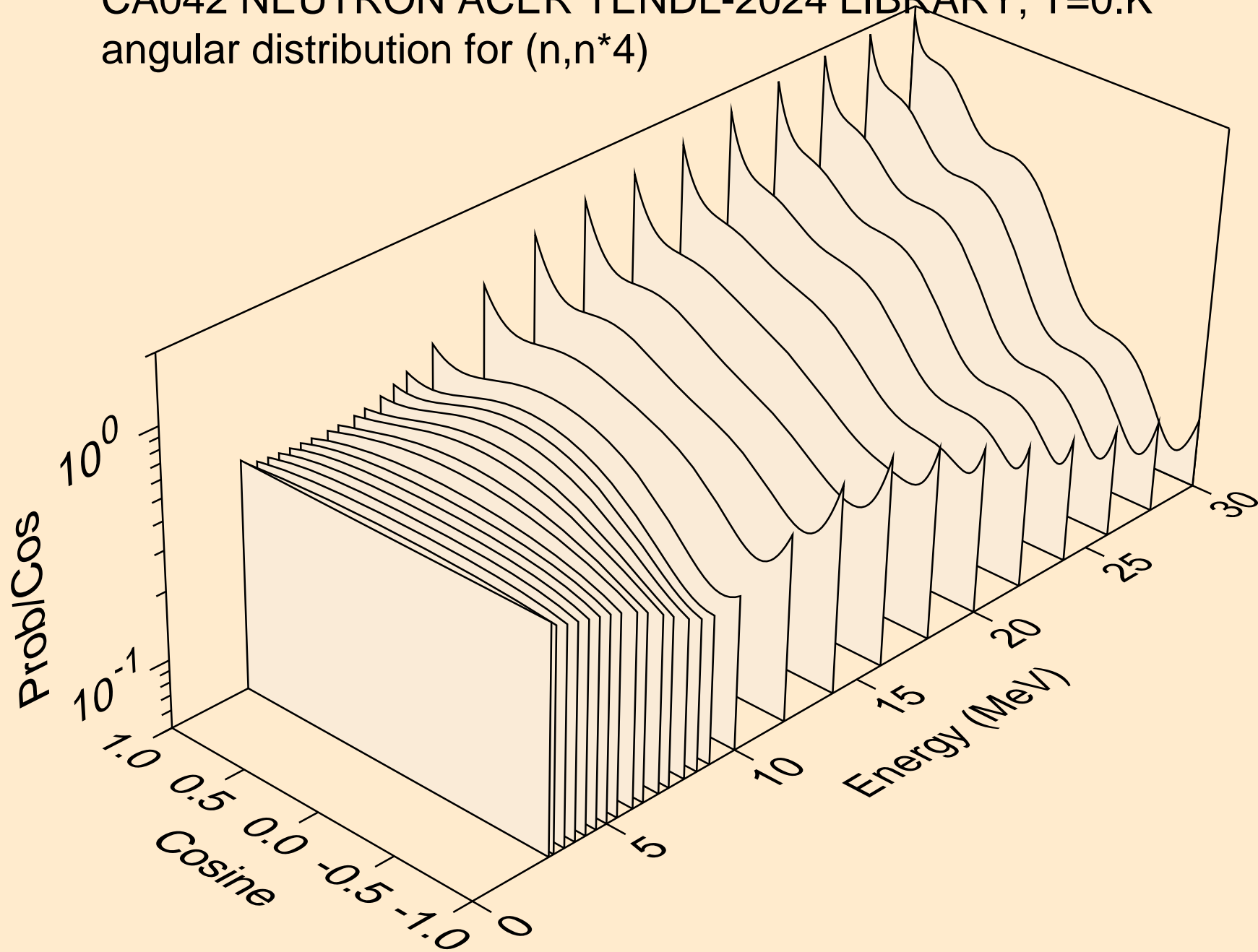
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



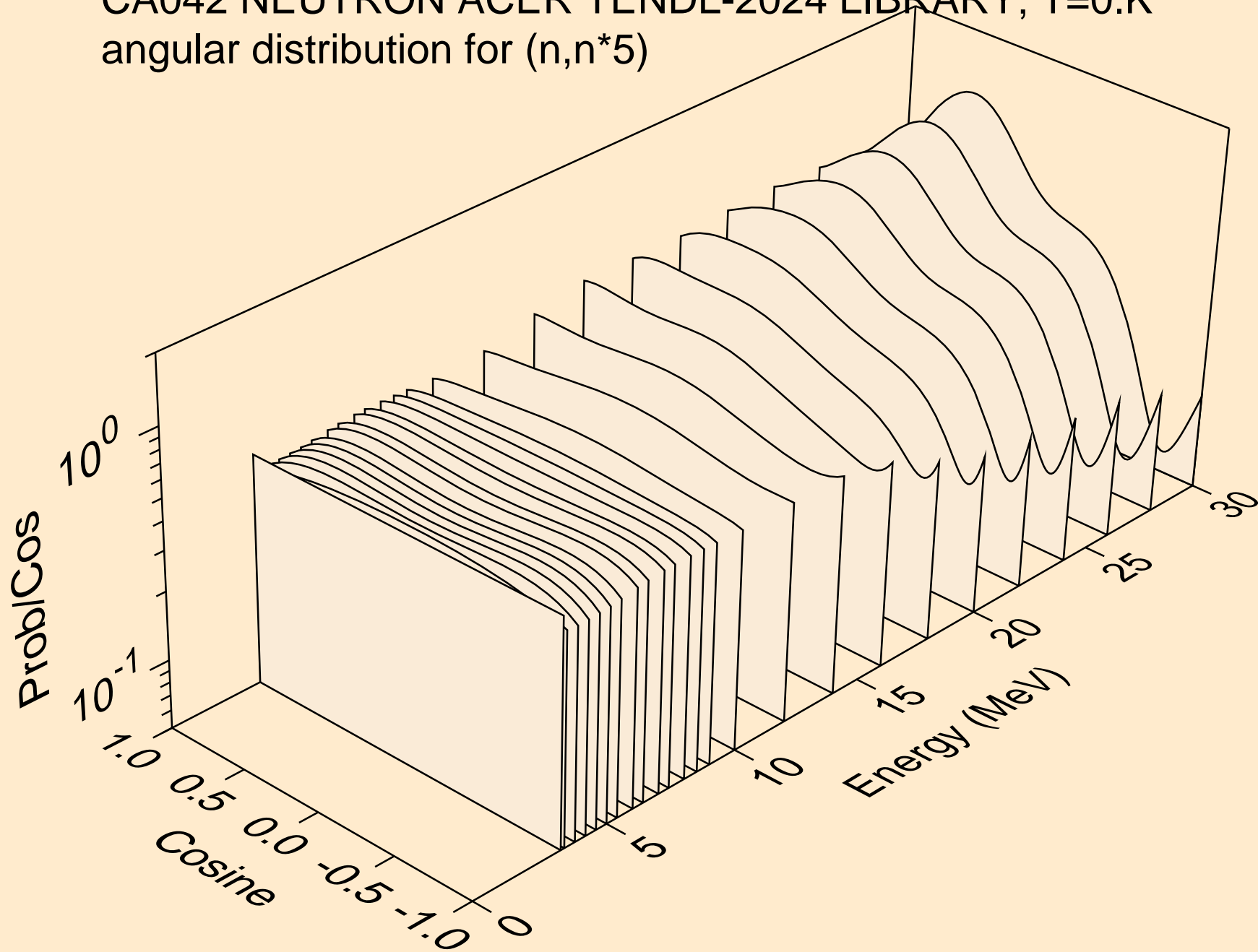
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



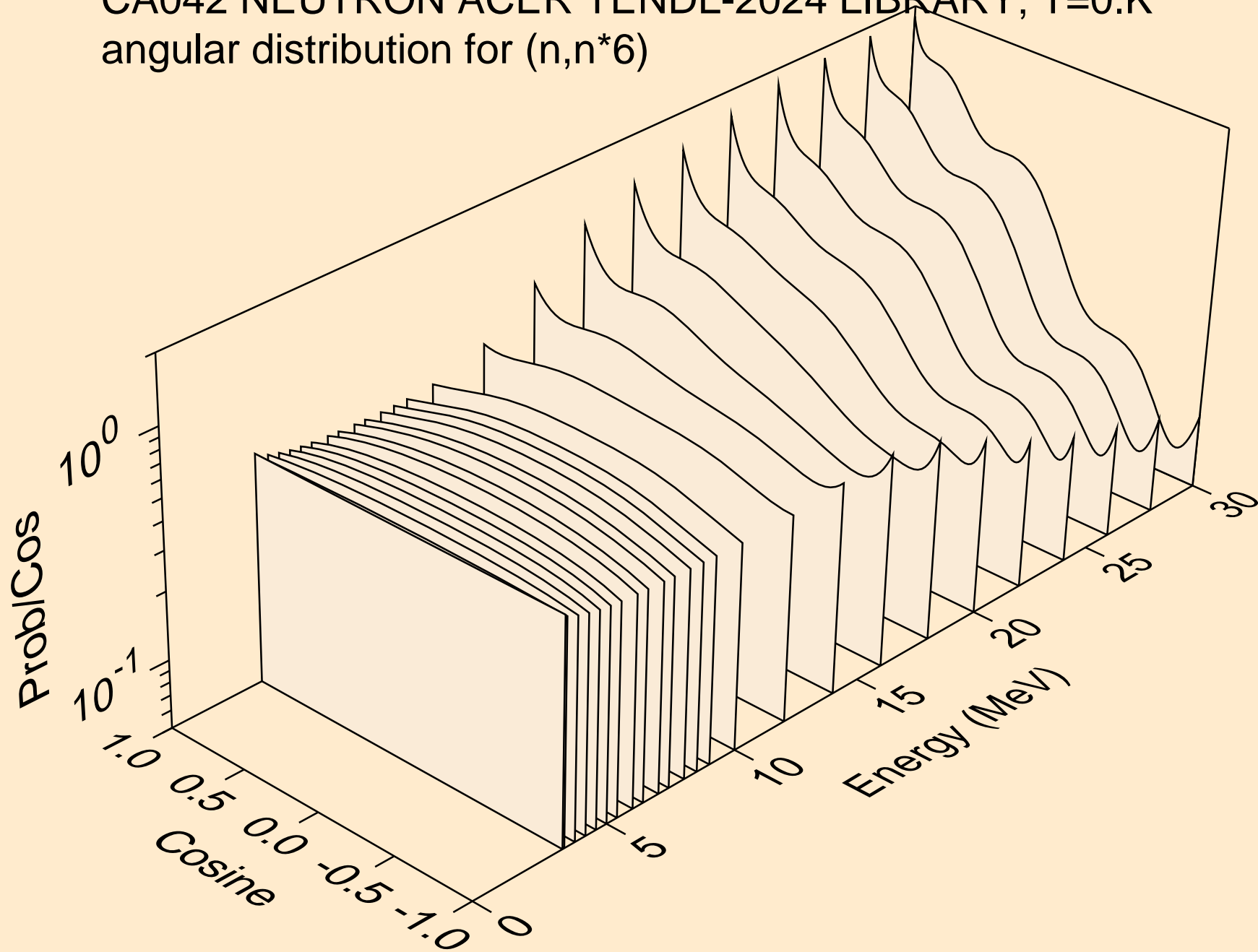
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



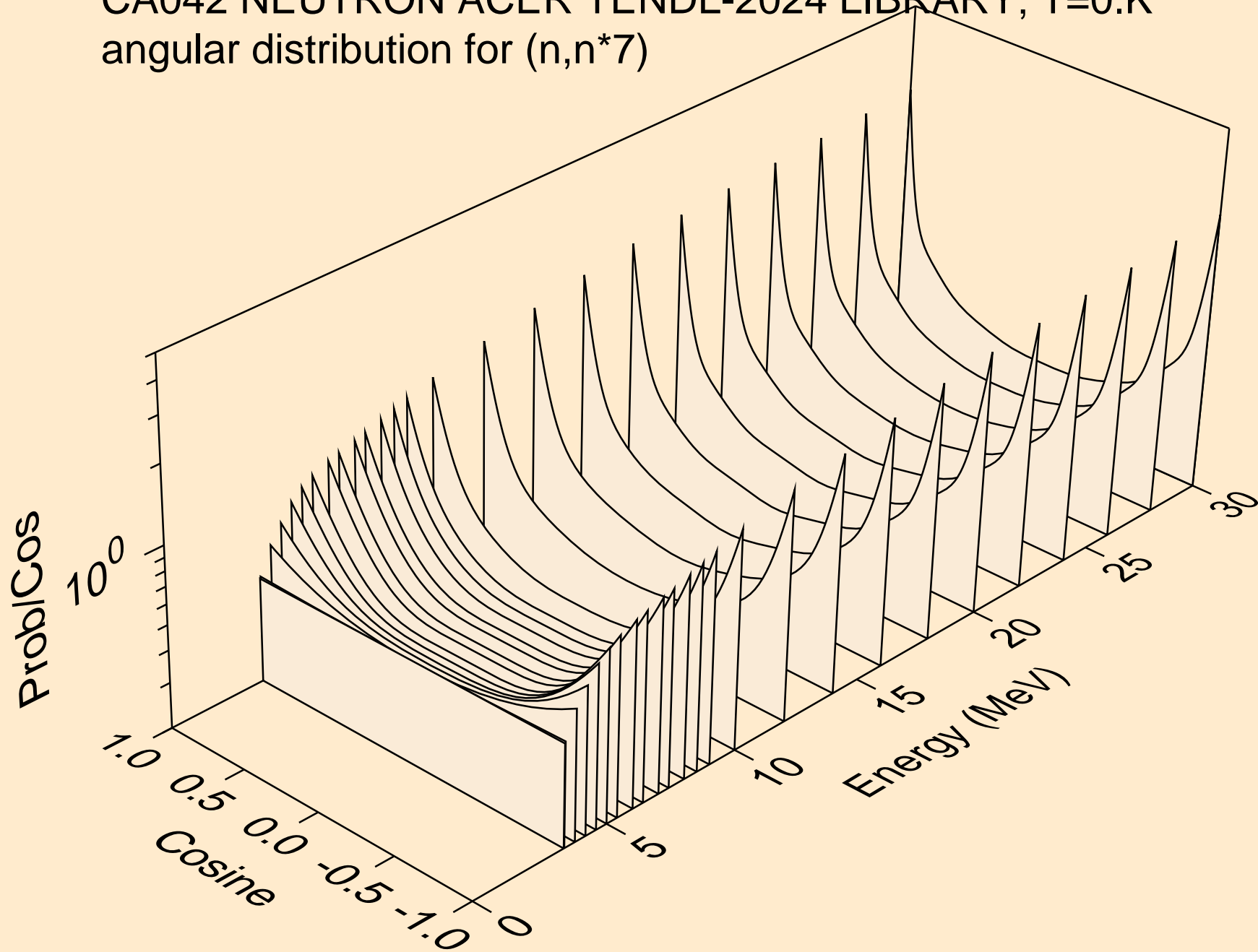
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



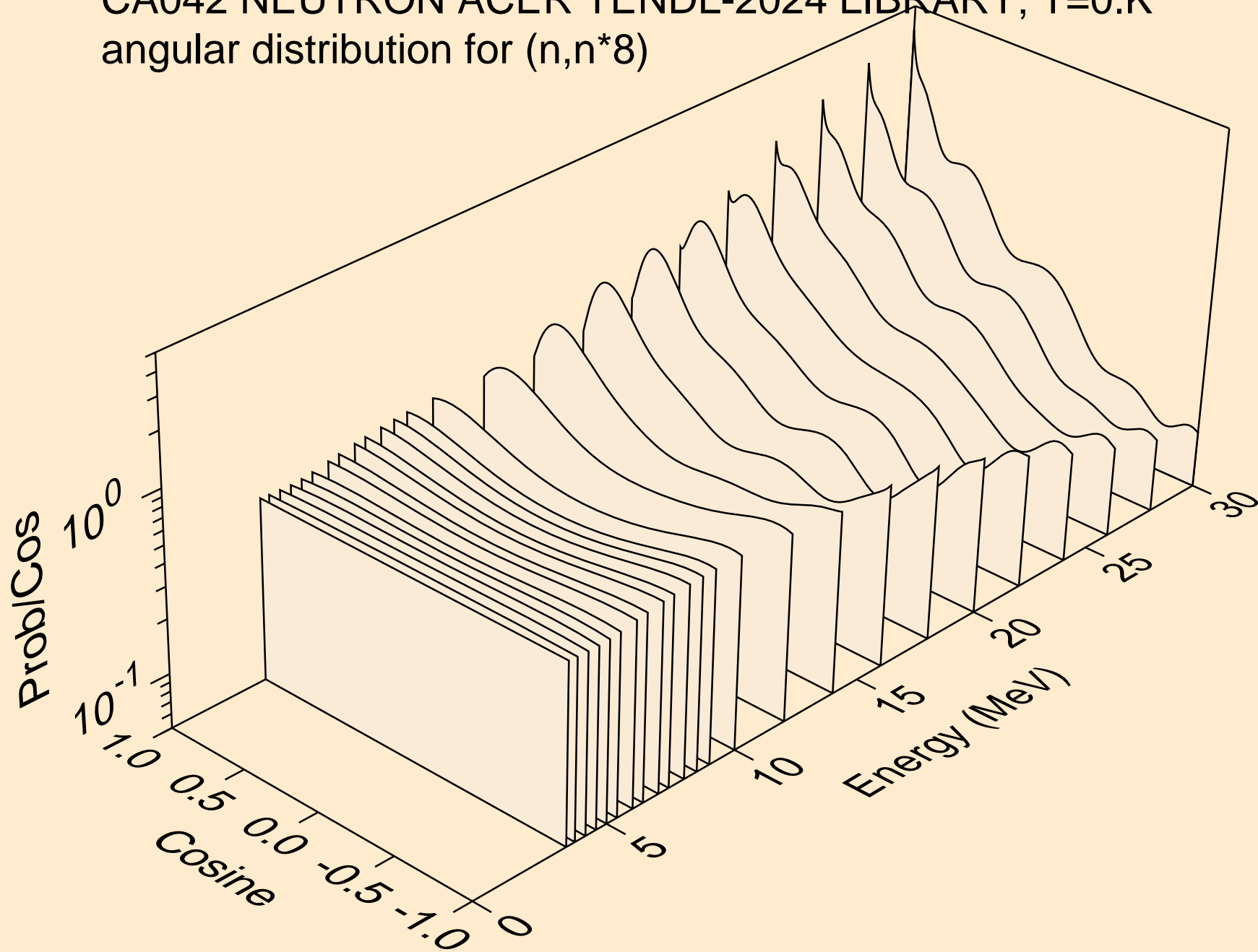
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



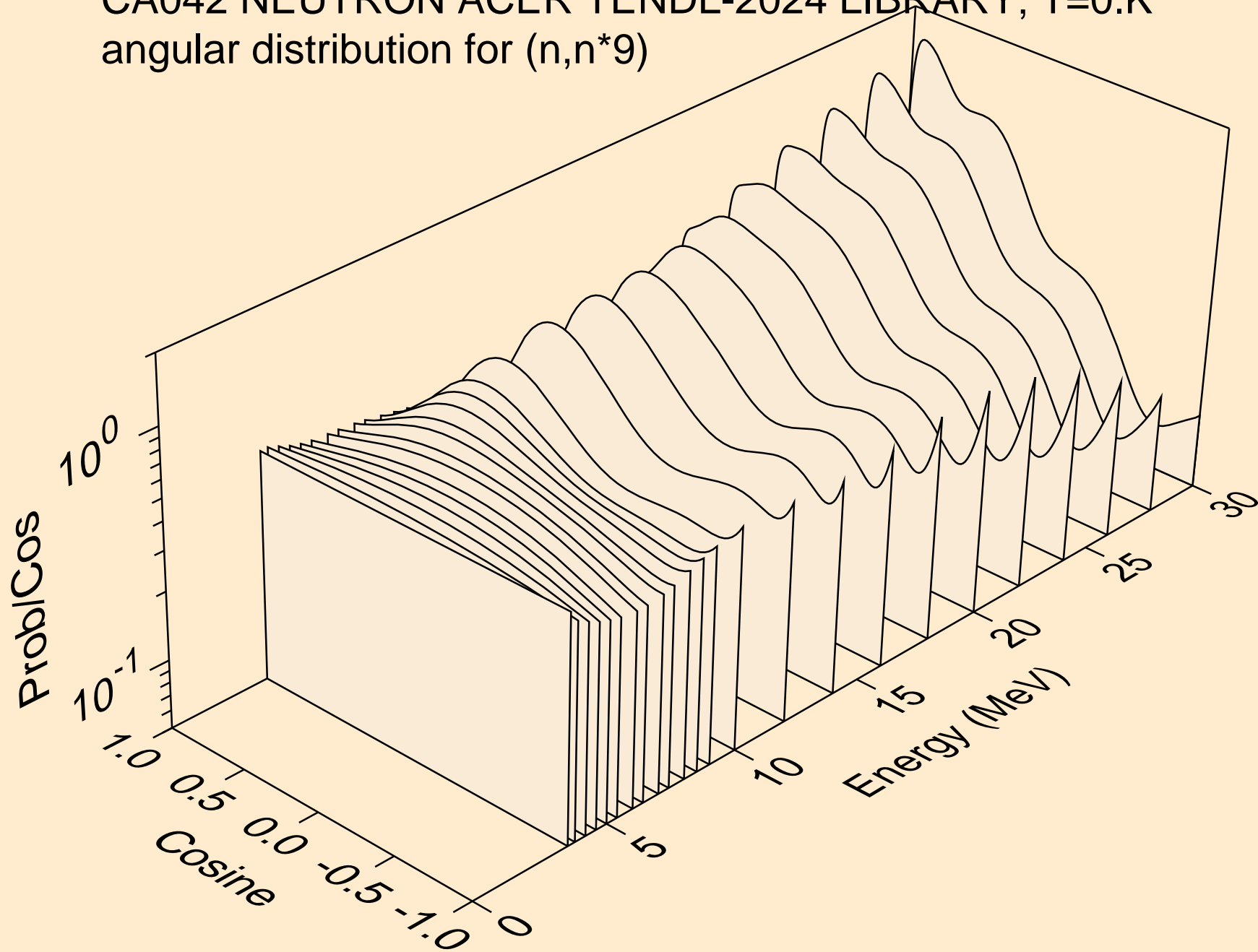
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

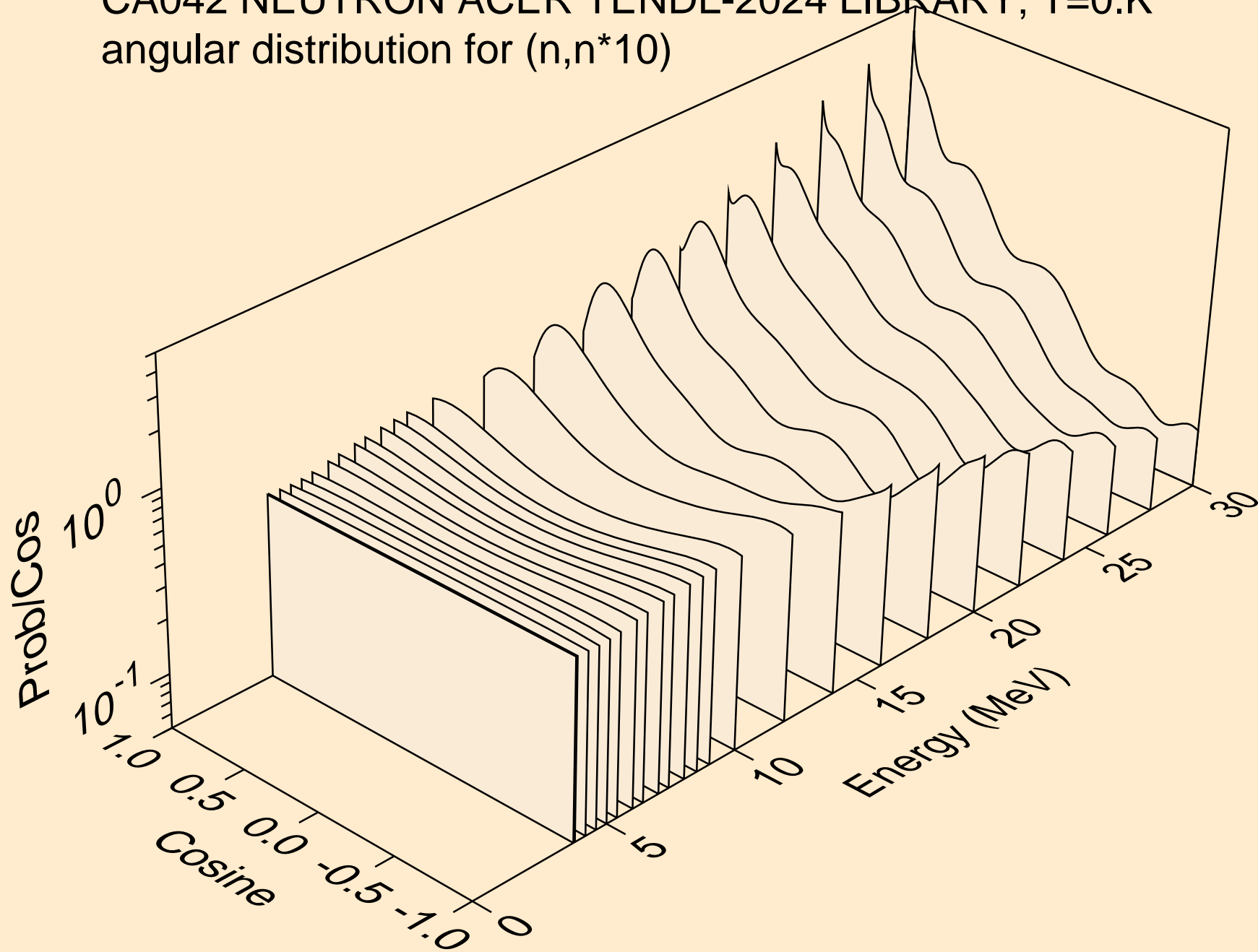


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

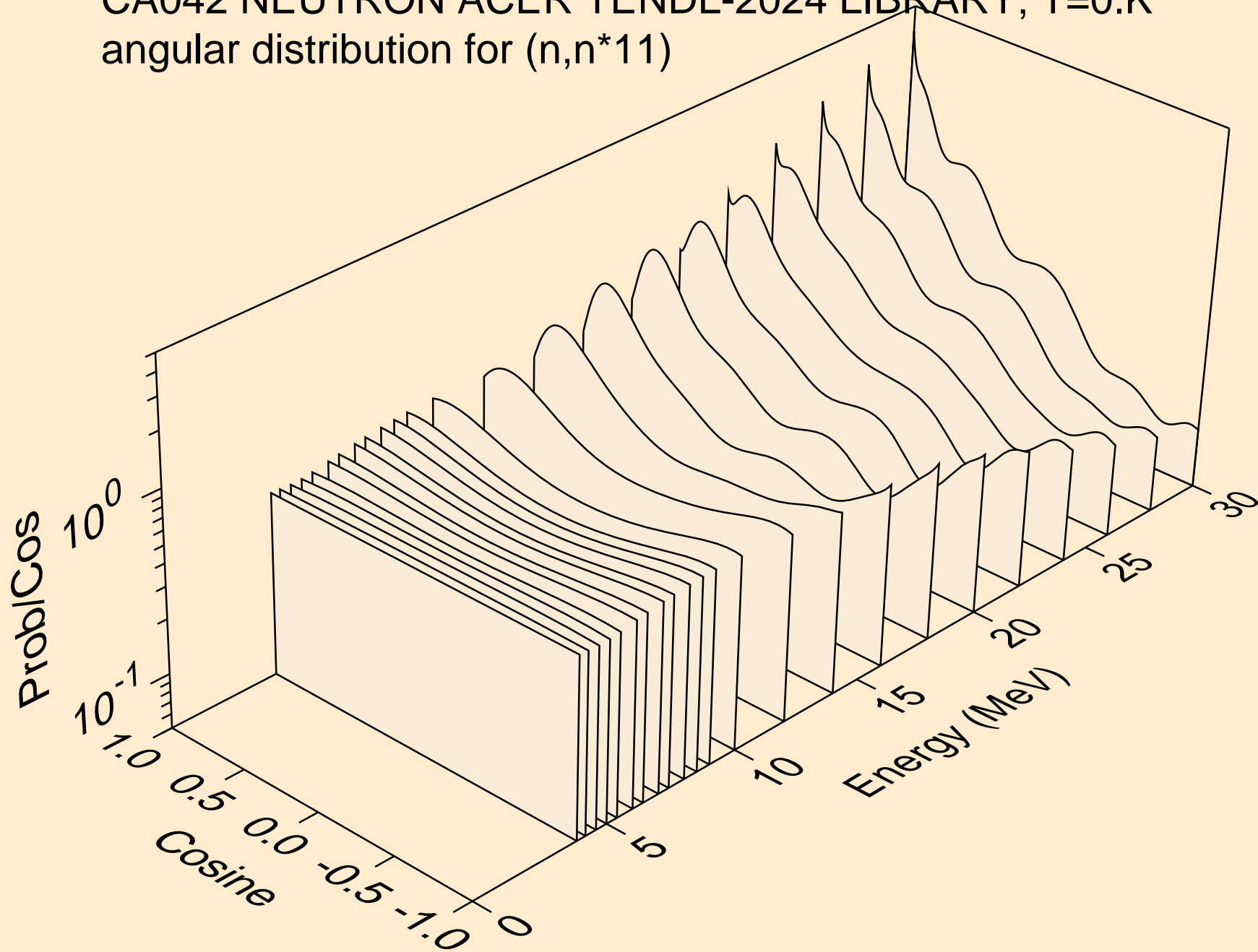




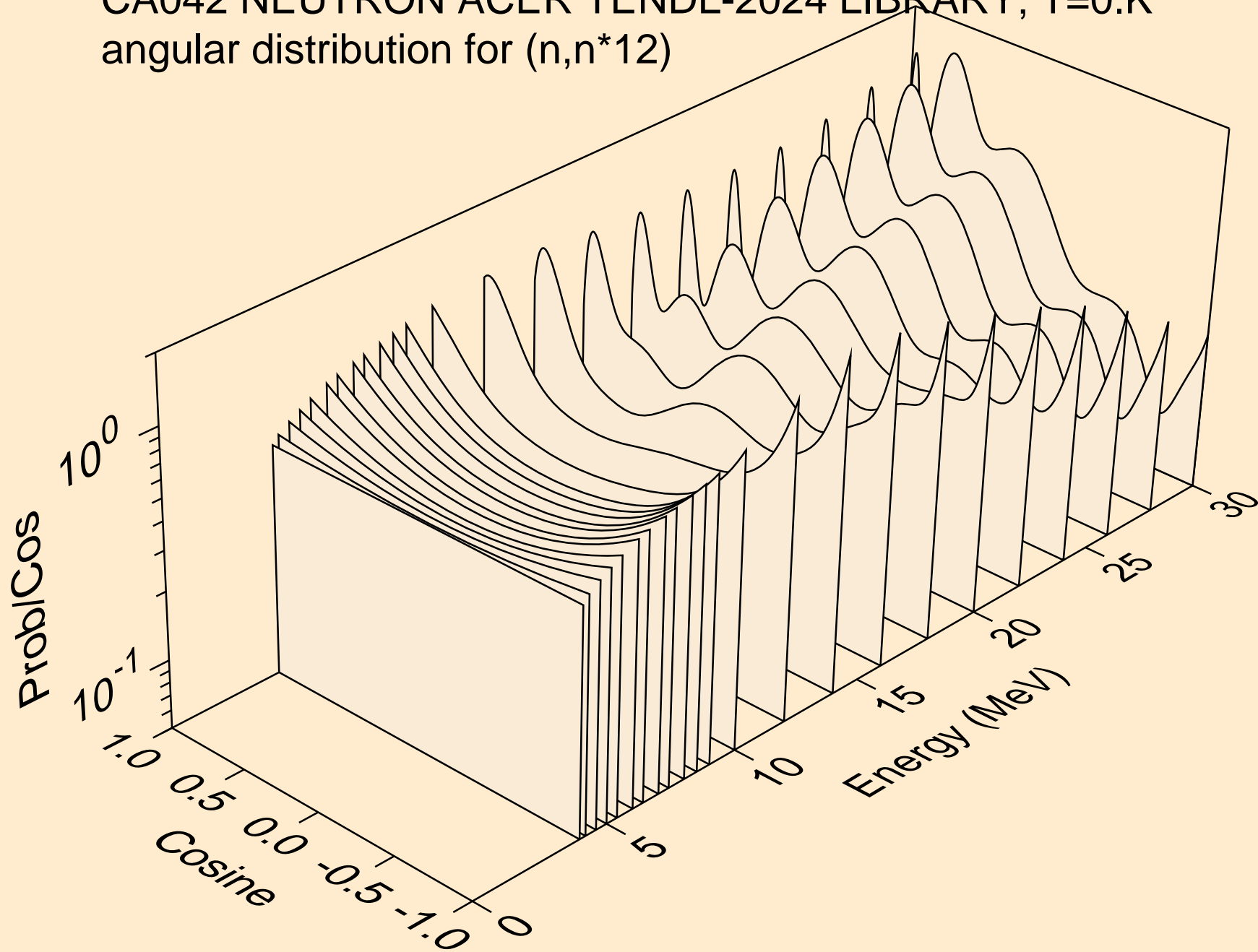
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



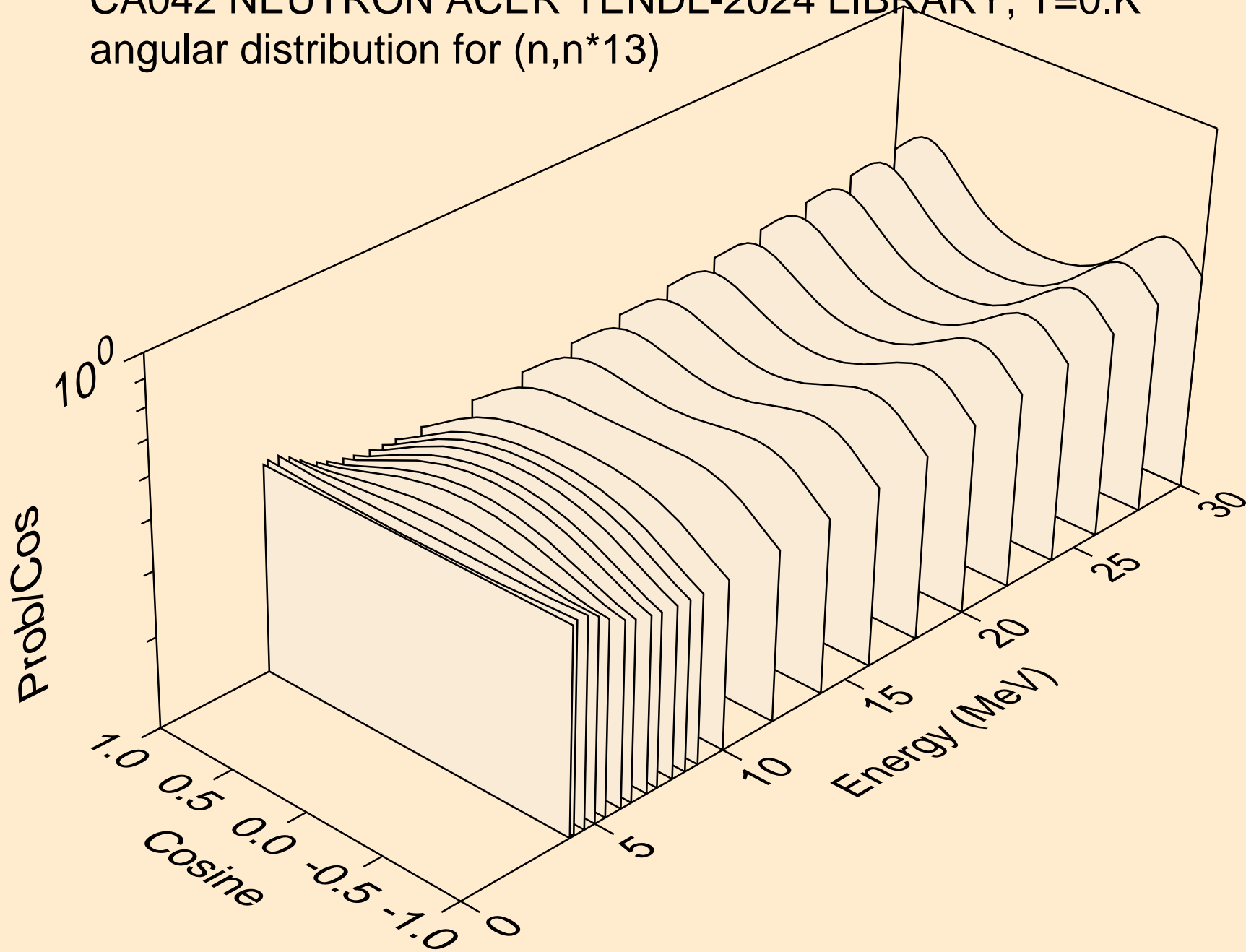
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



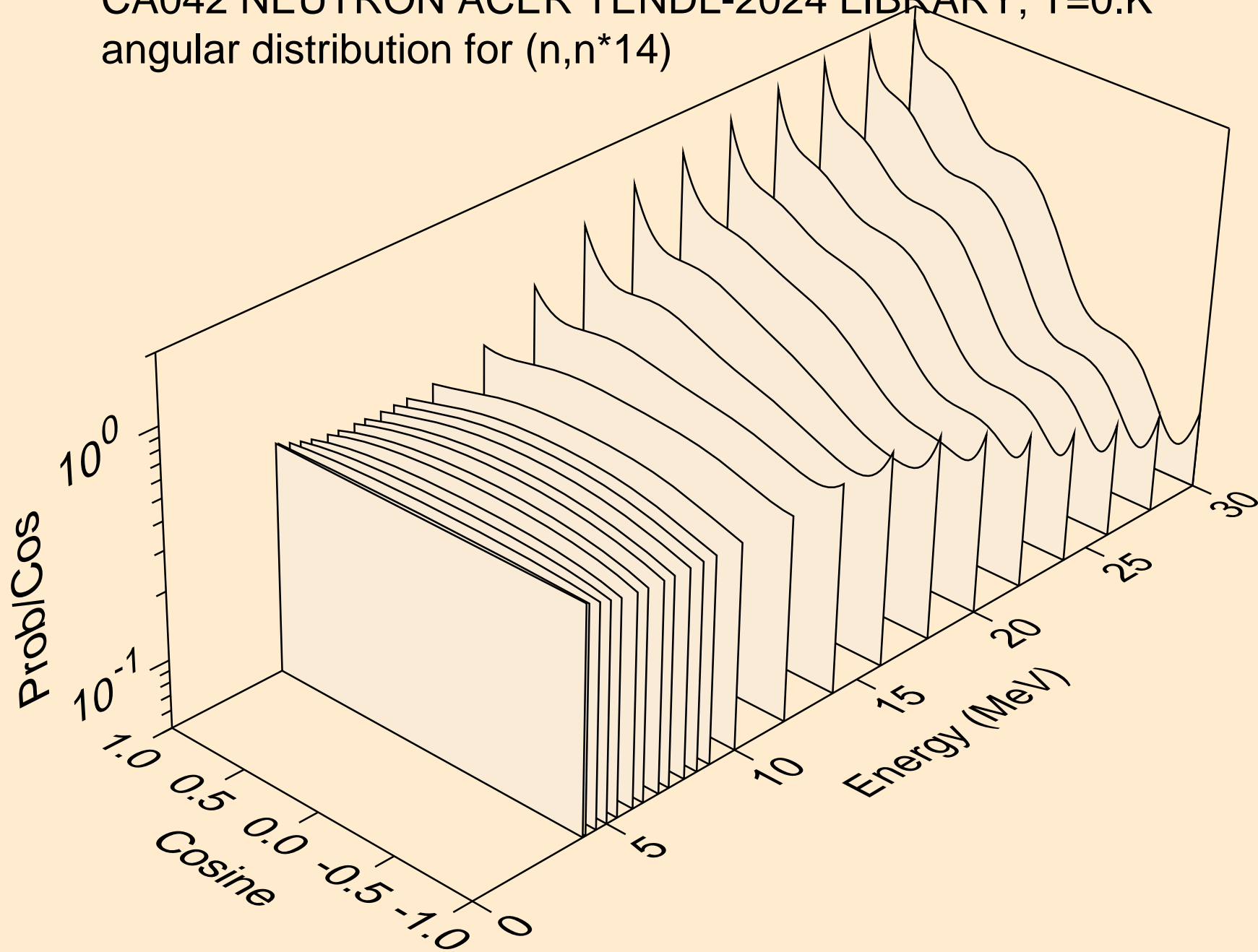
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



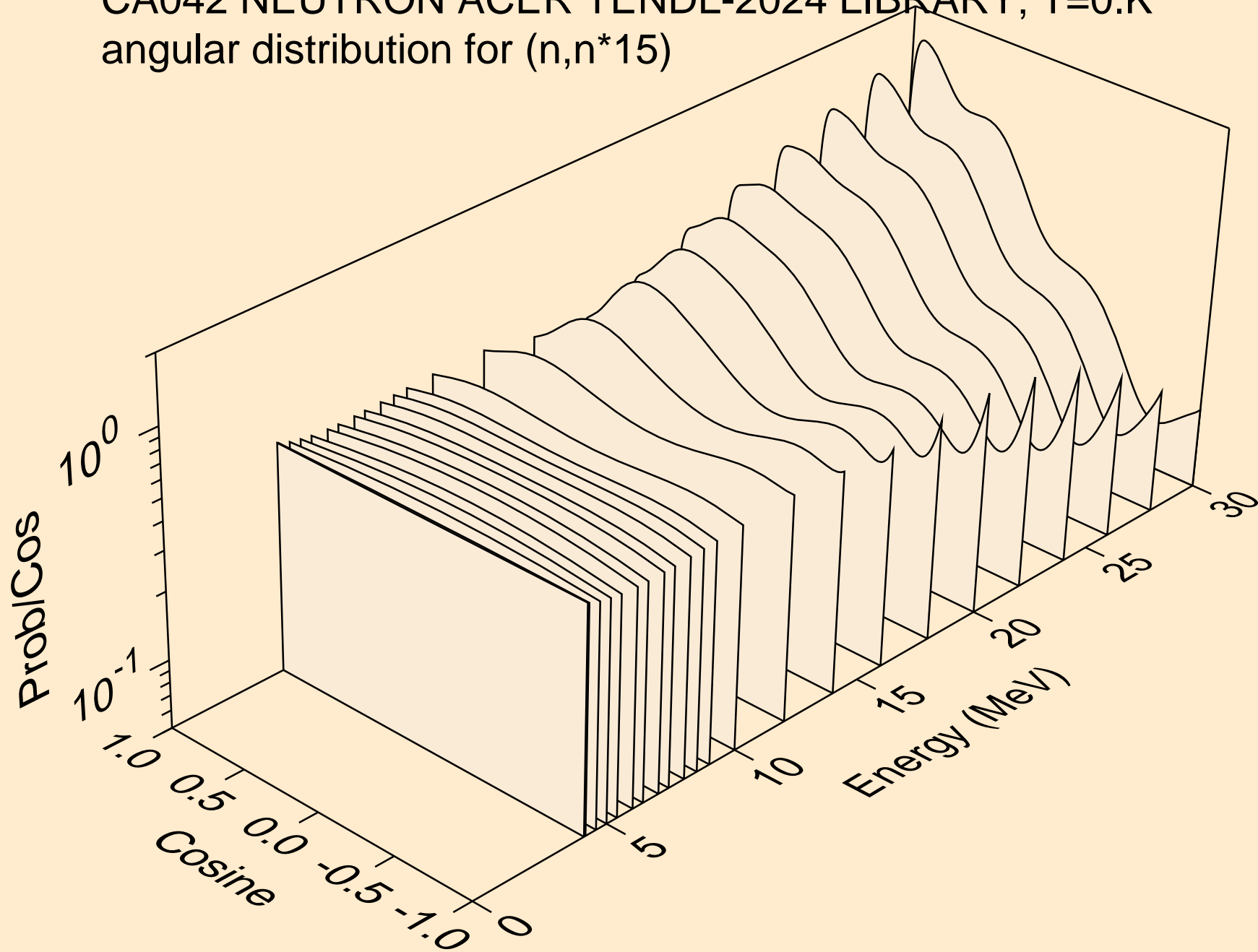
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



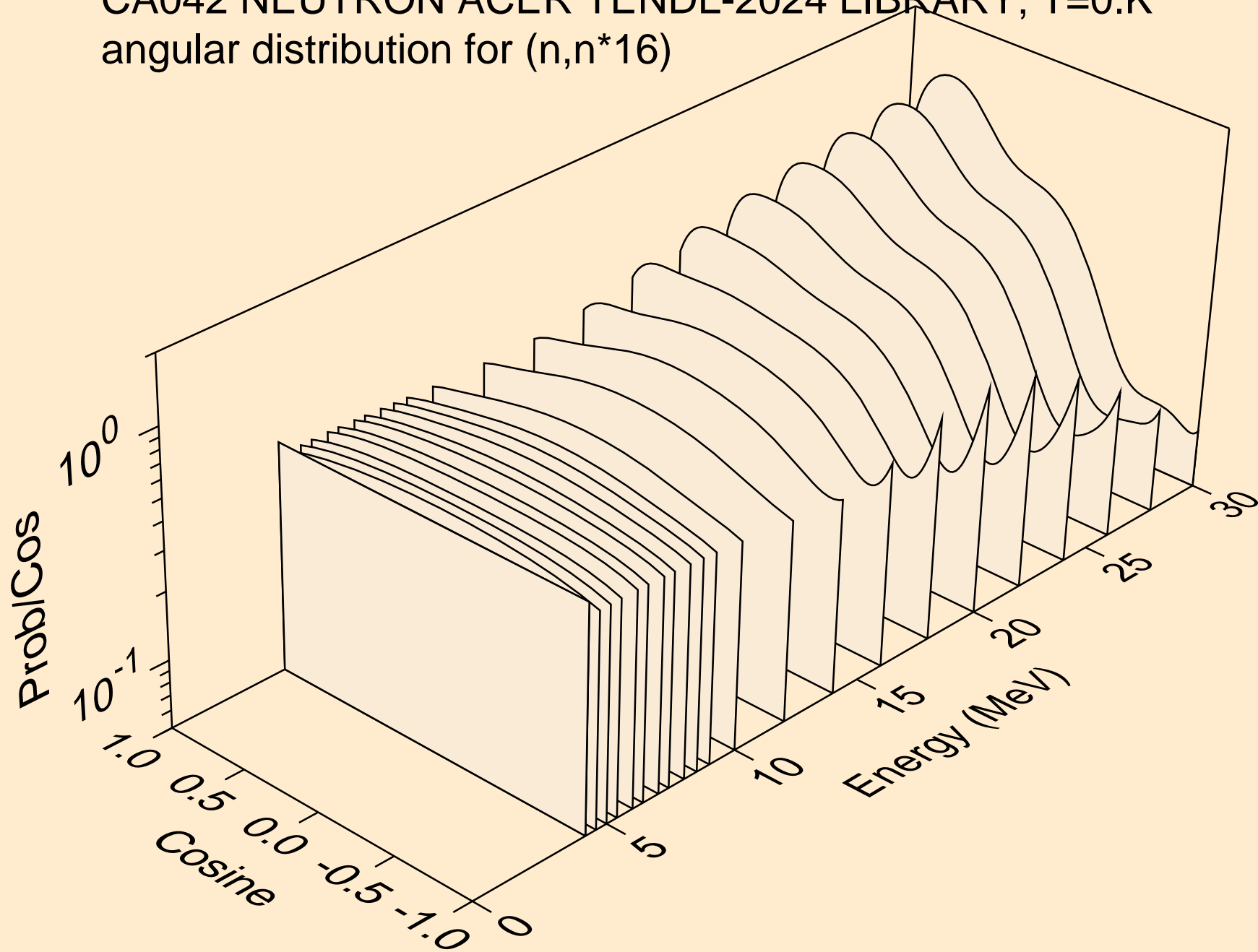
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



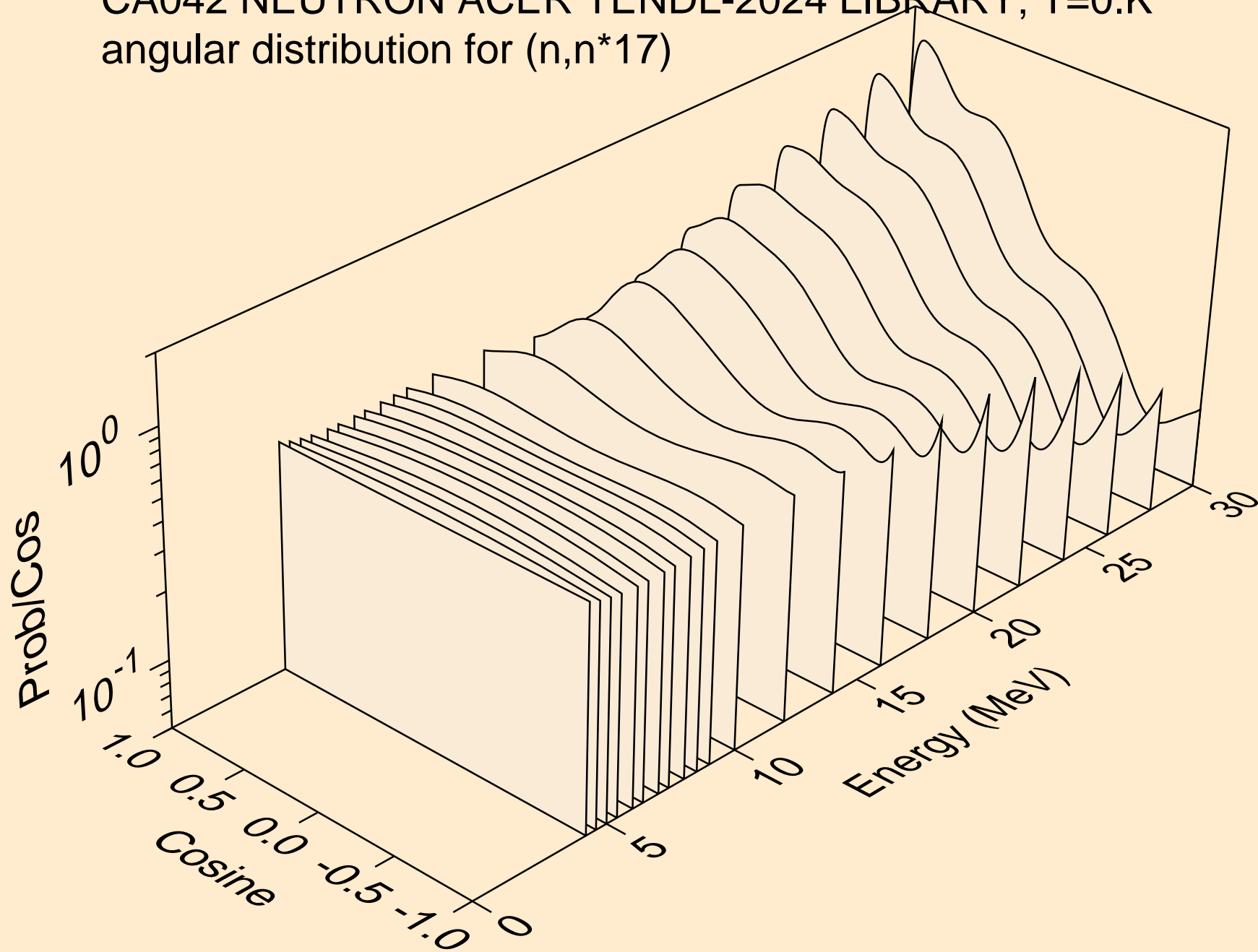
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

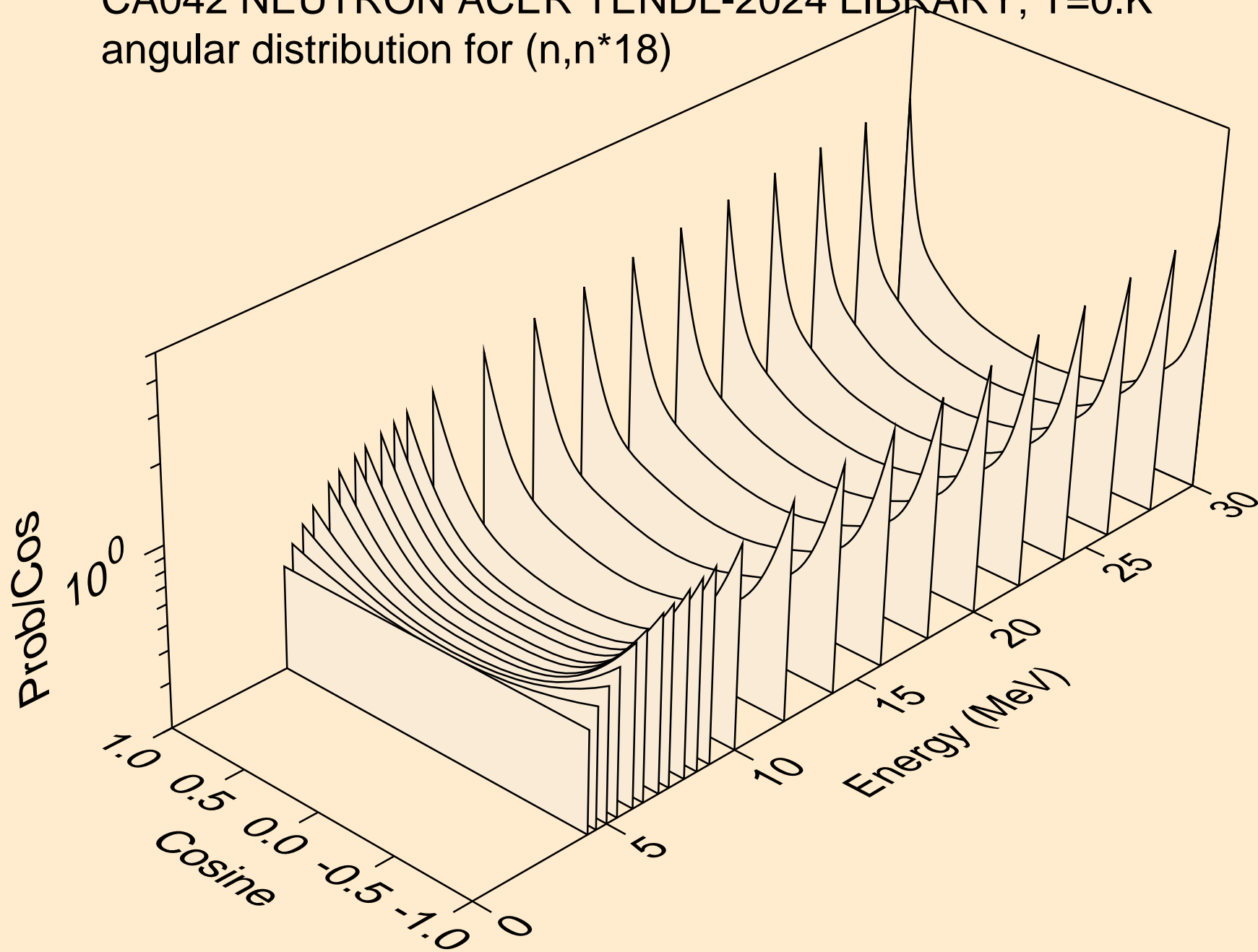


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

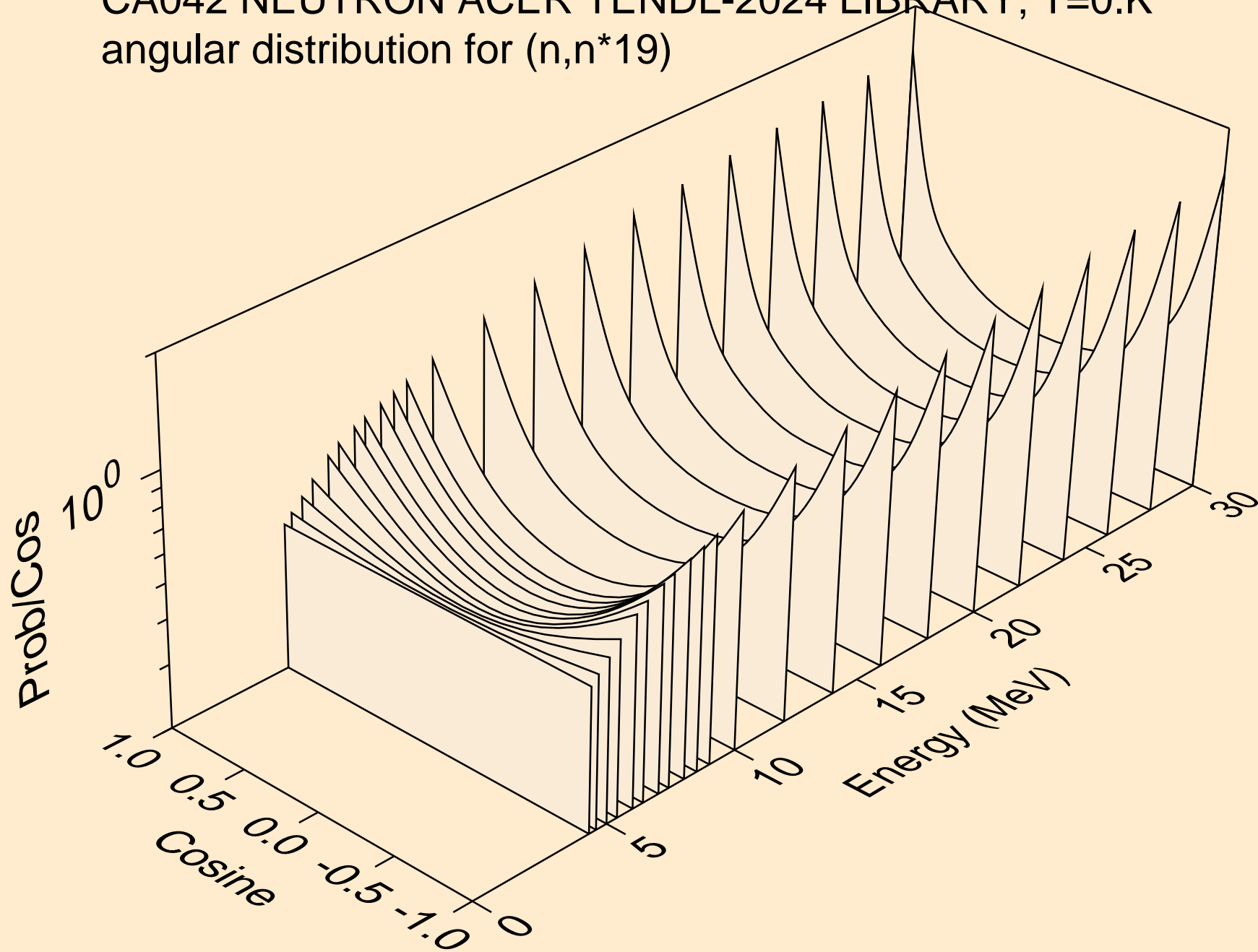




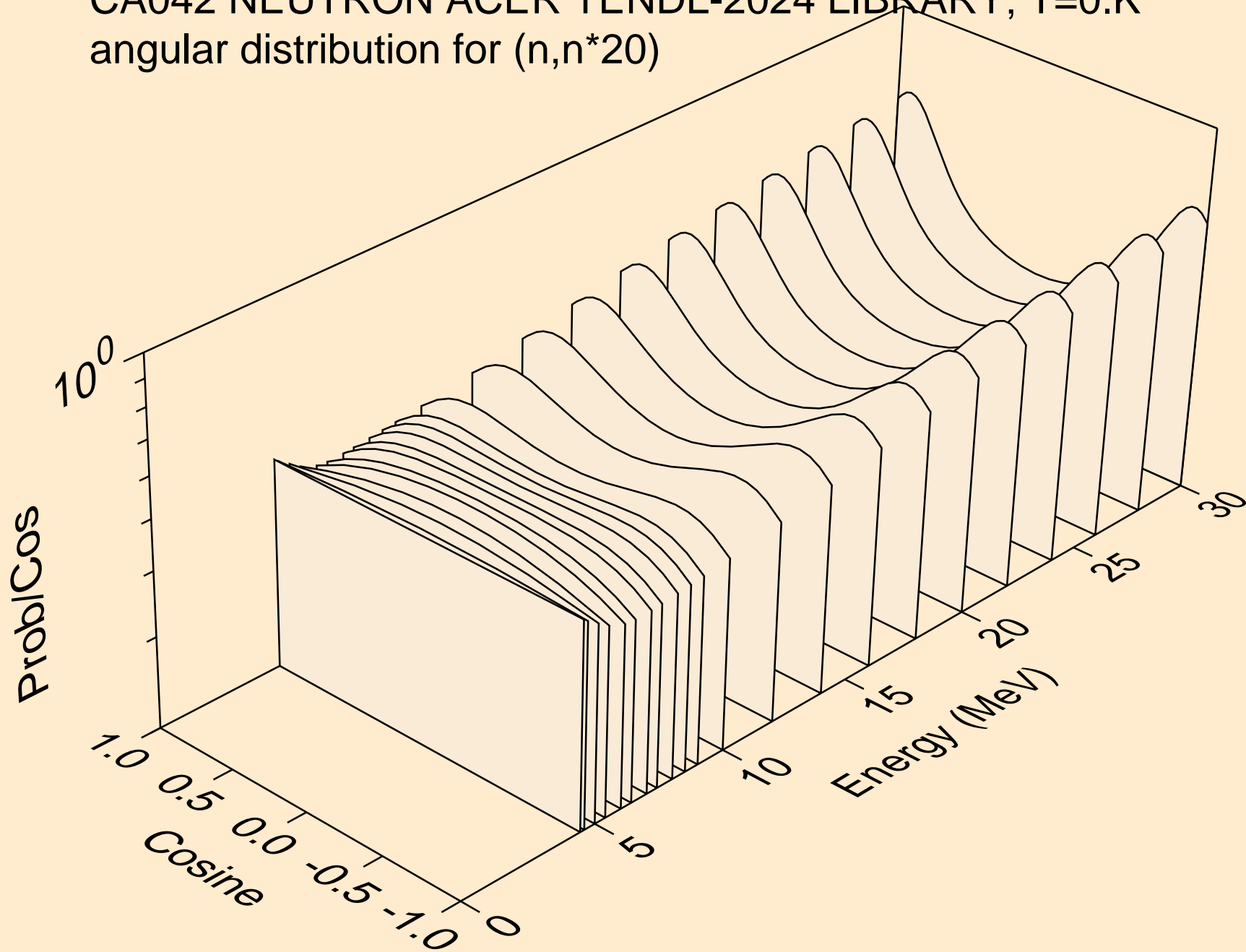
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angular distribution for (n,n\*18)



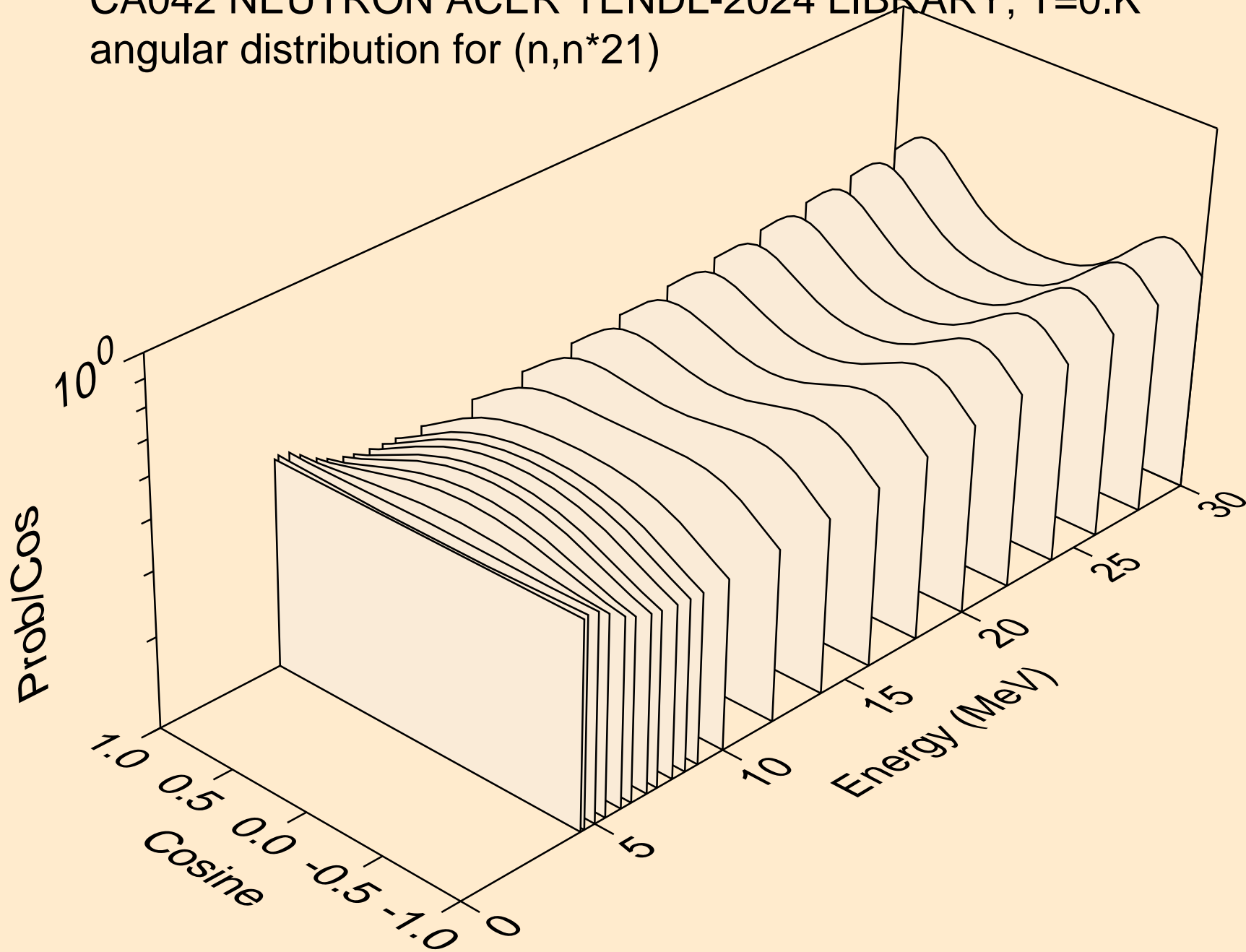
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angular distribution for (n,n\*19)



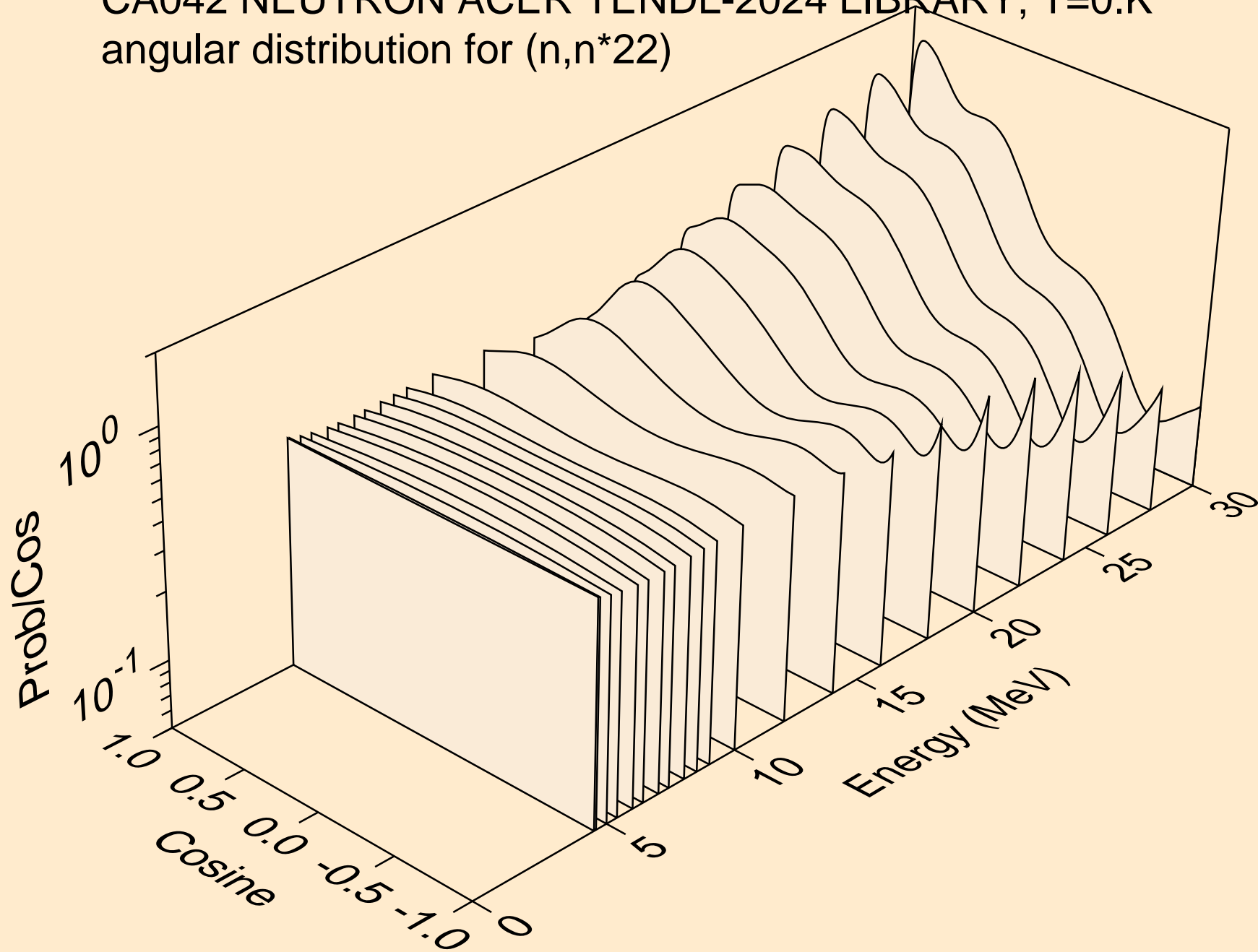
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angular distribution for (n,n\*20)



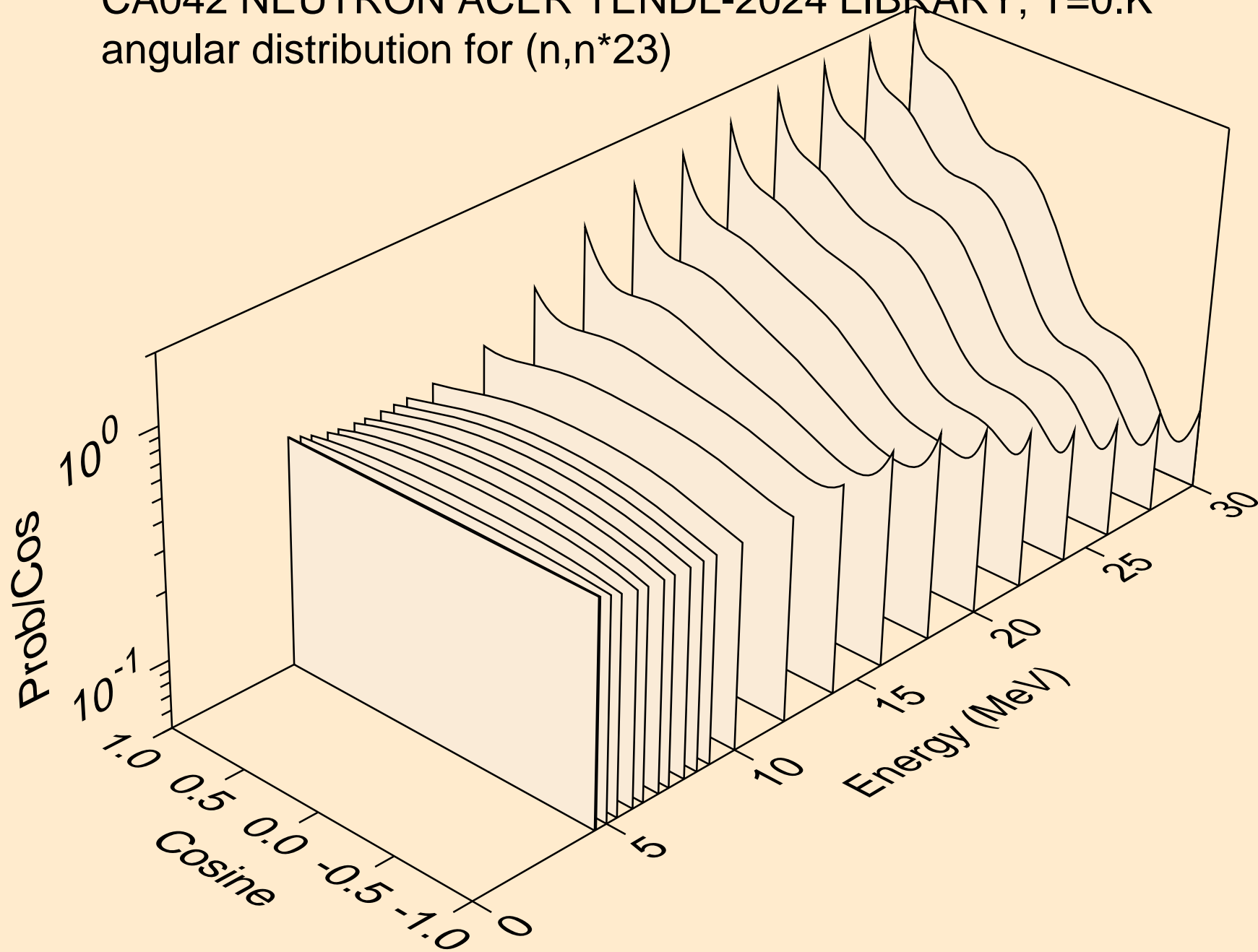
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angular distribution for (n,n\*21)



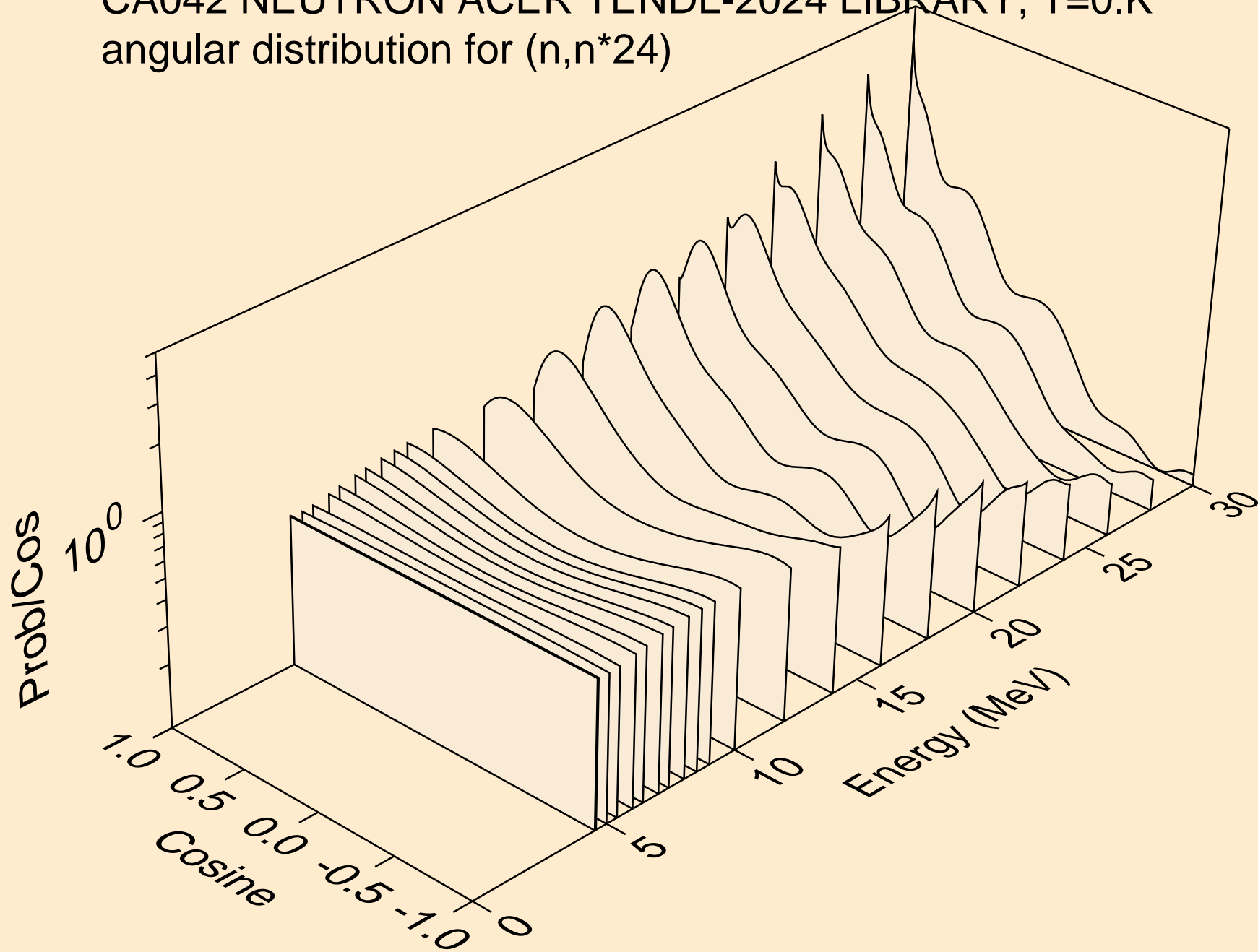
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



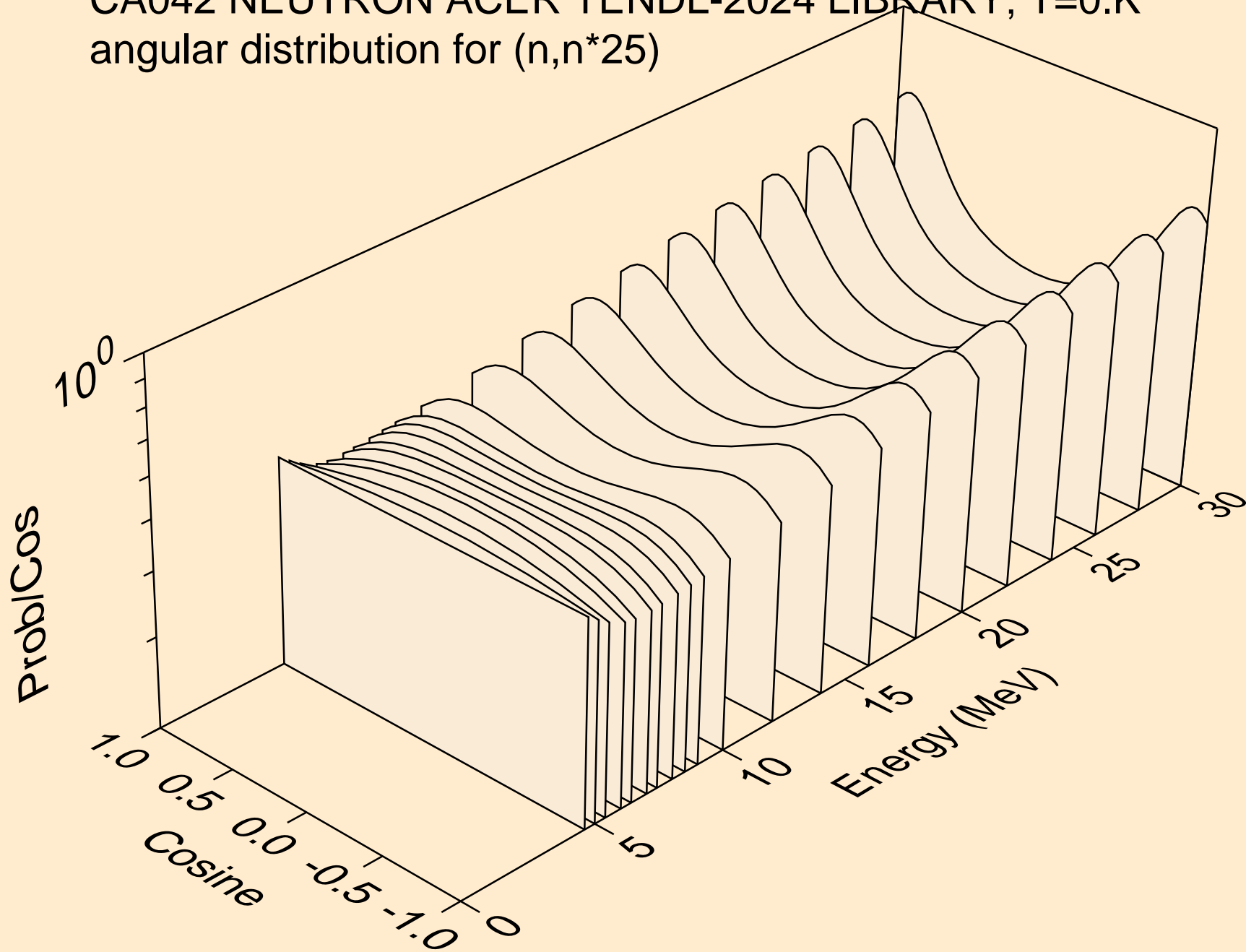
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

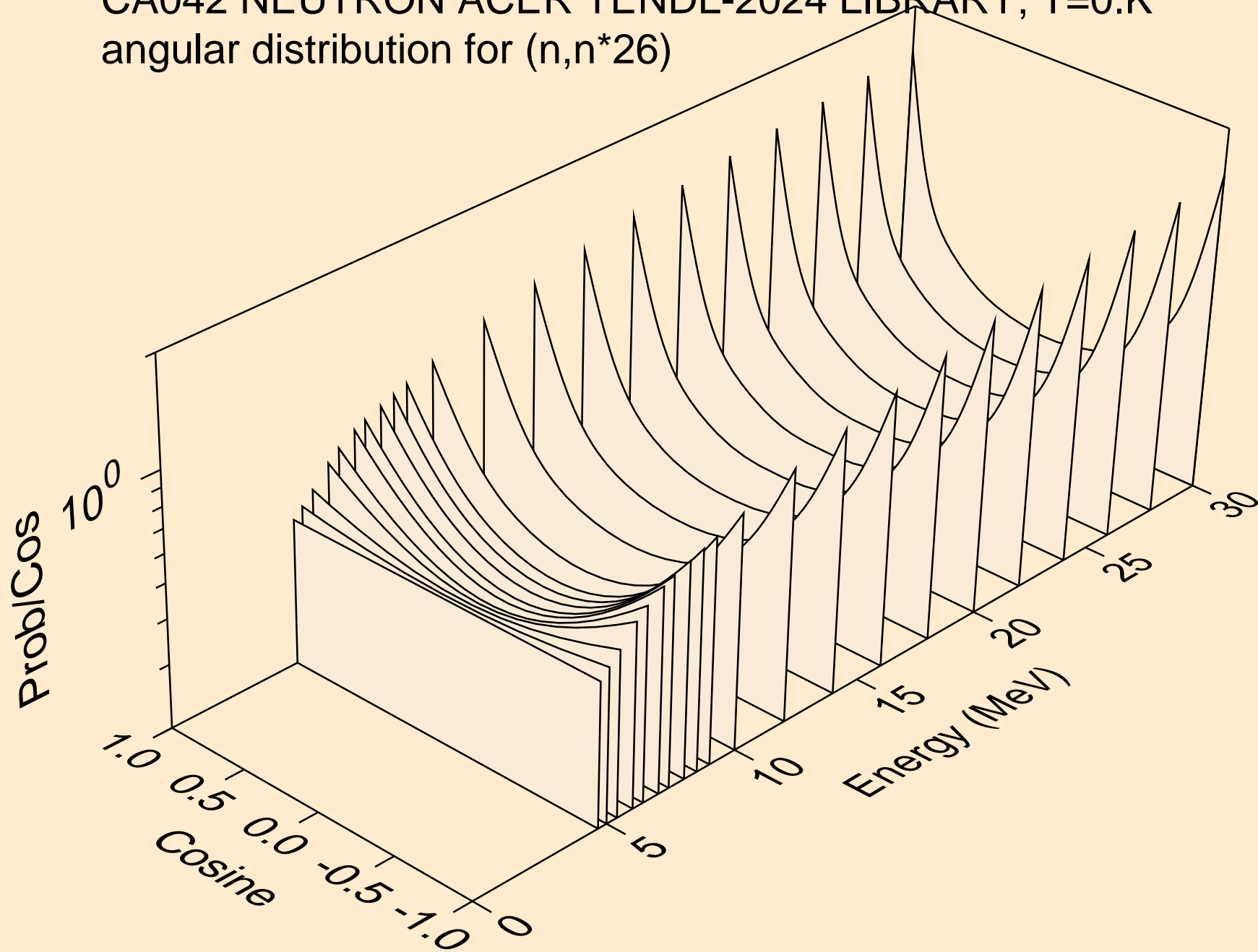


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

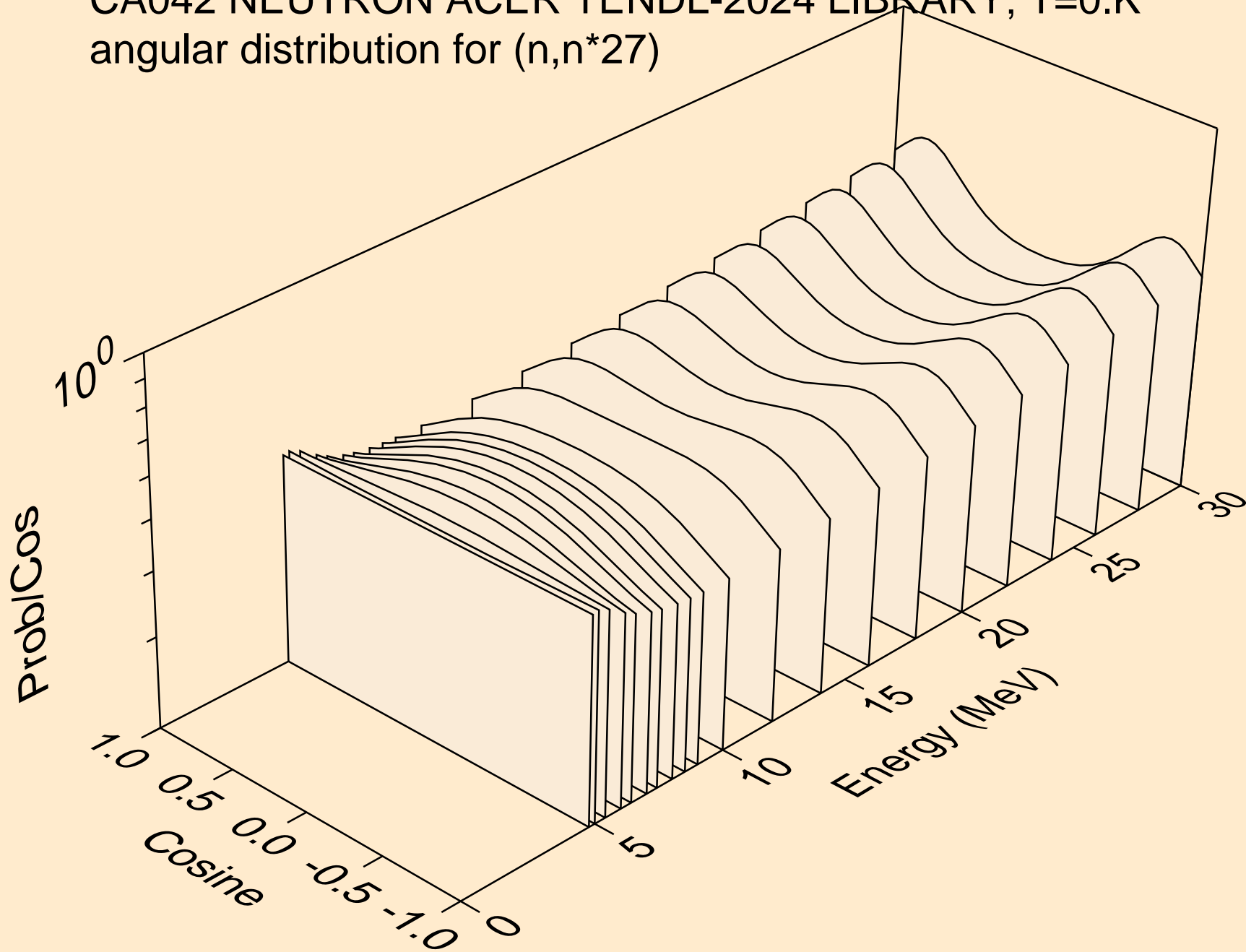




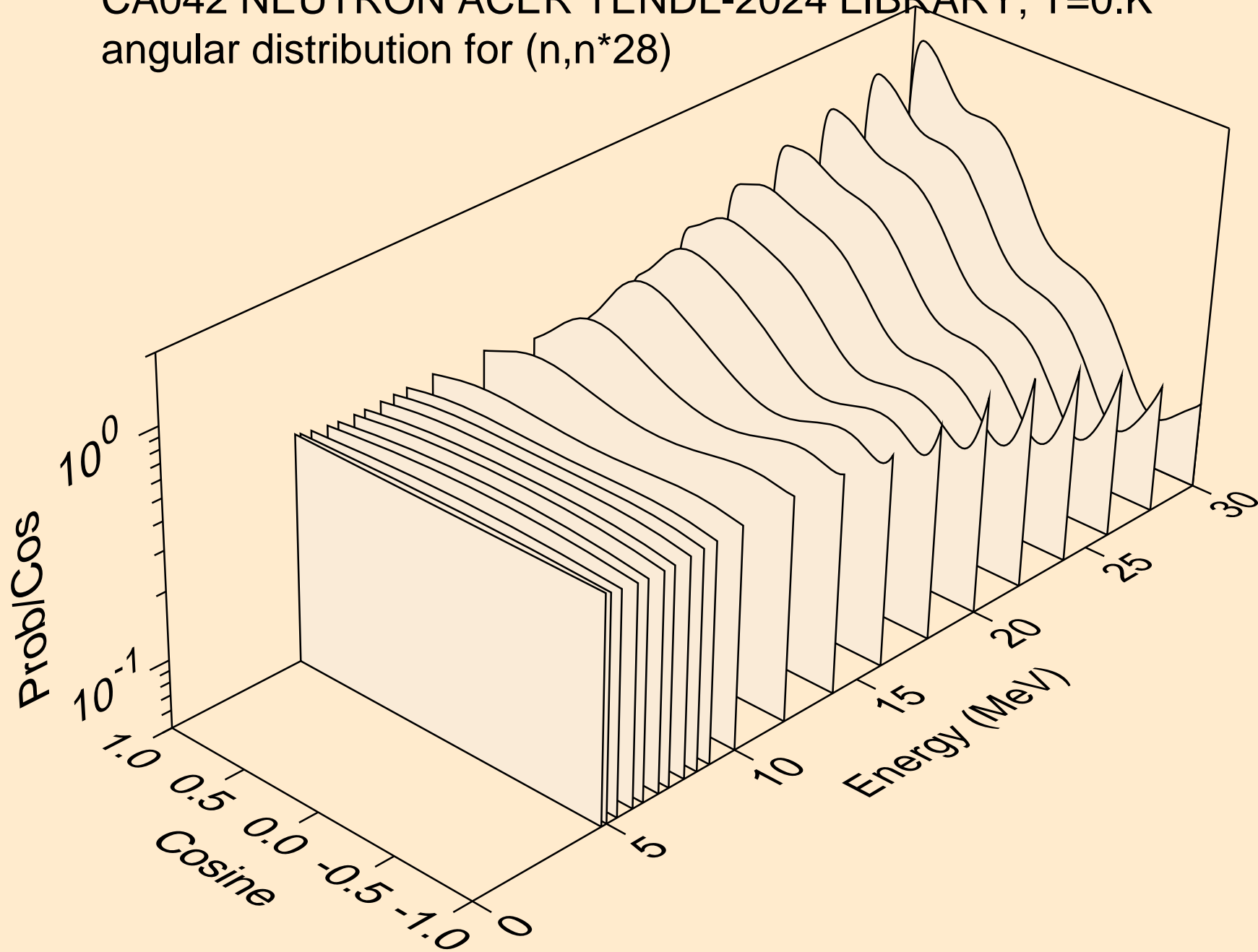
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



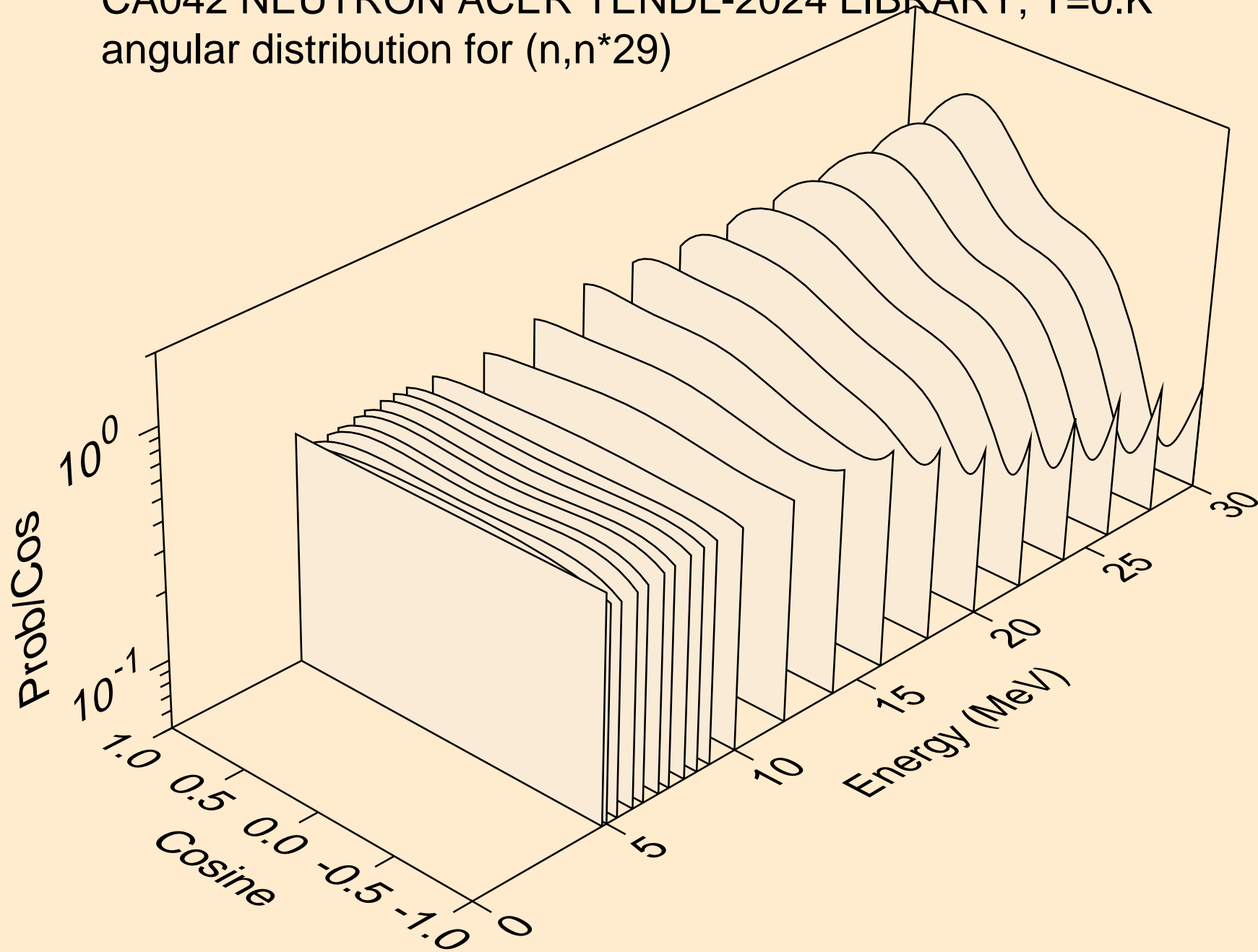
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



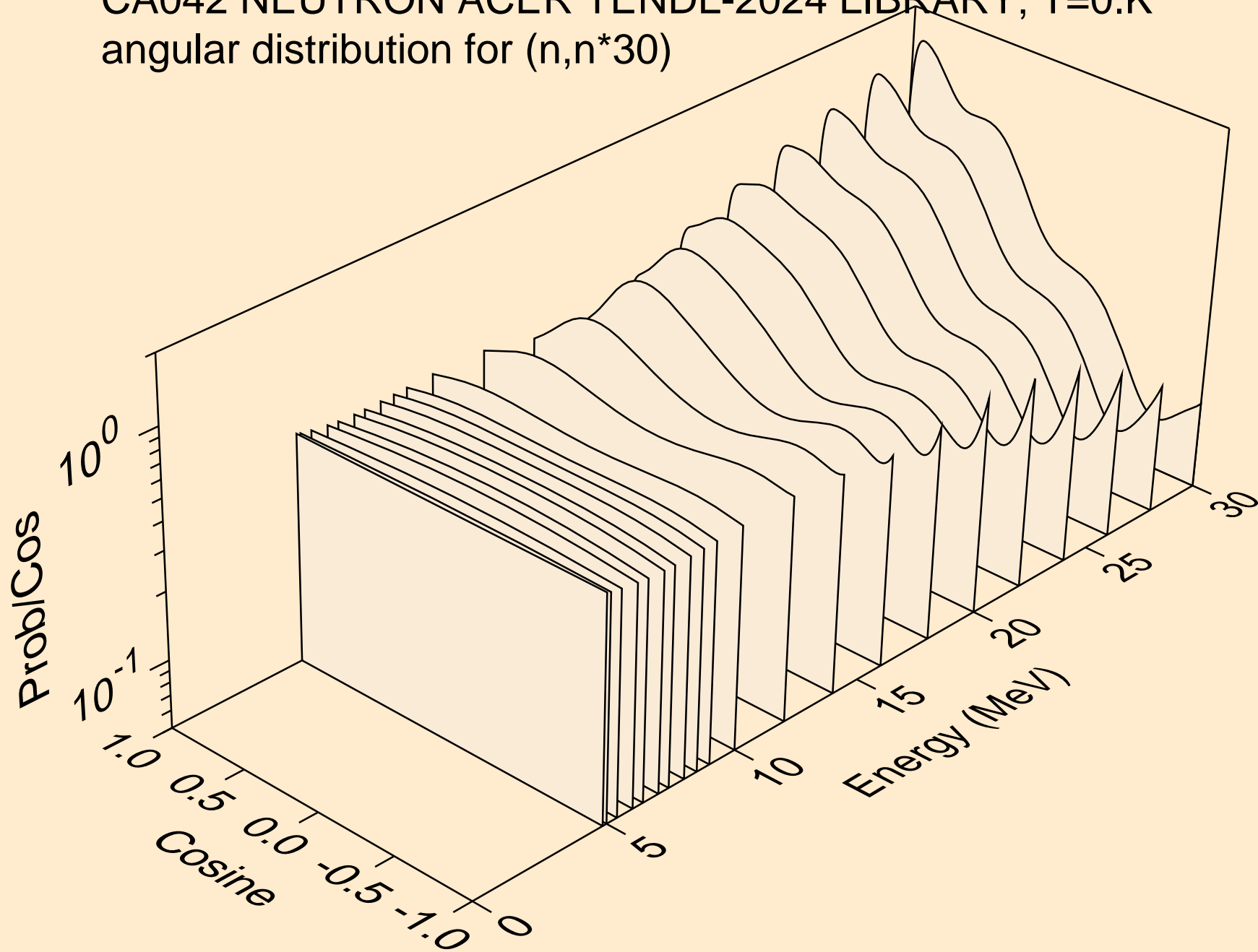
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



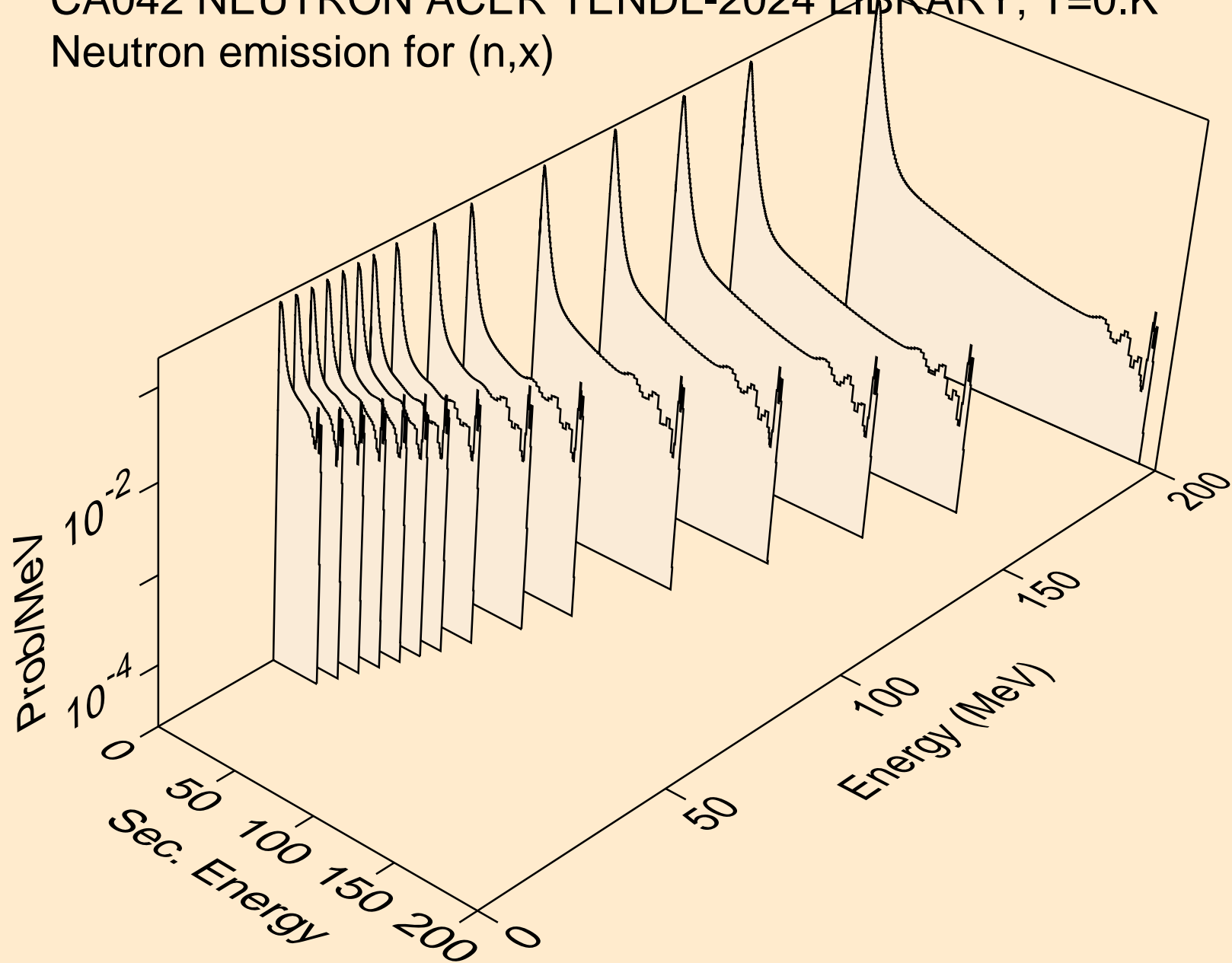
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



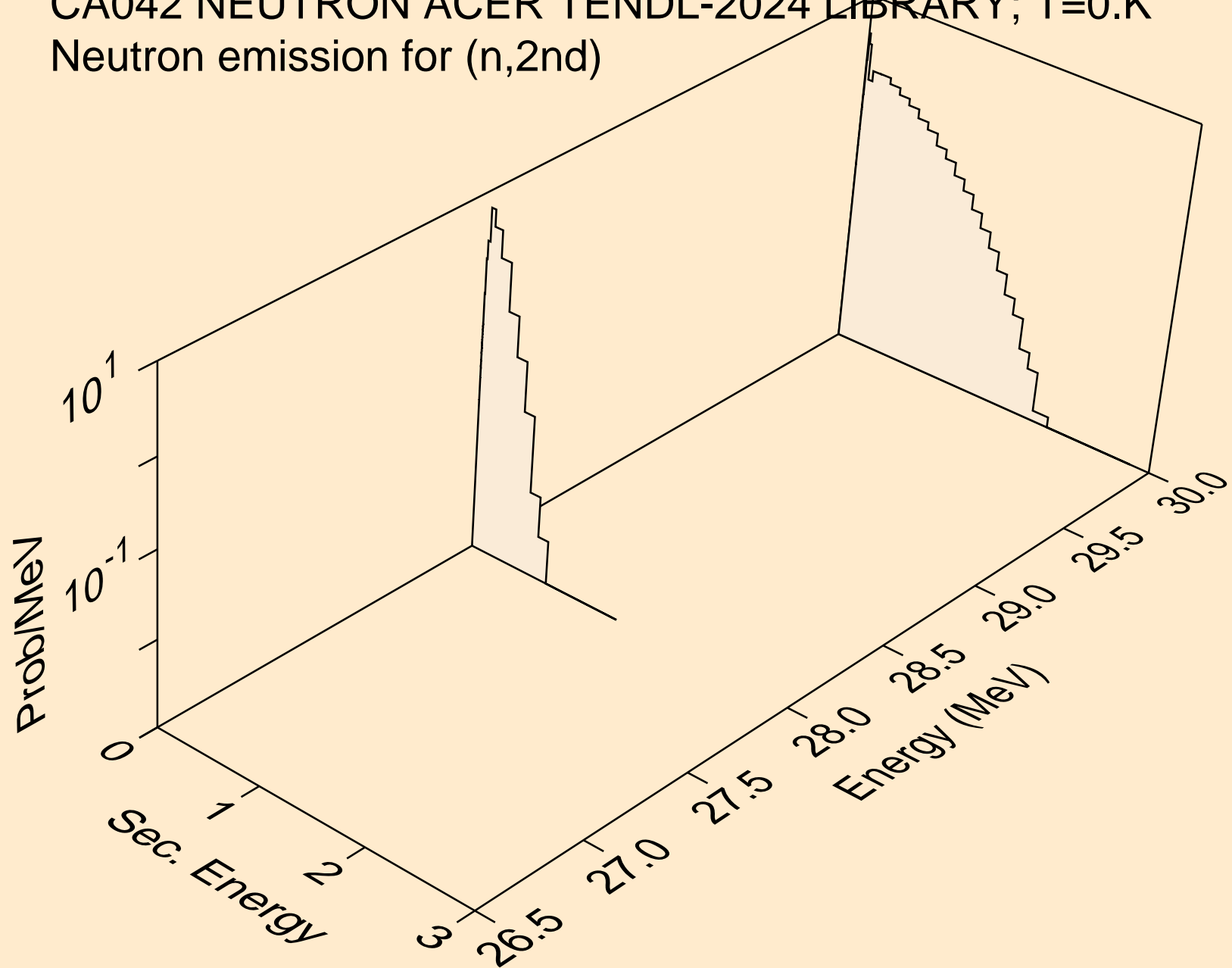
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



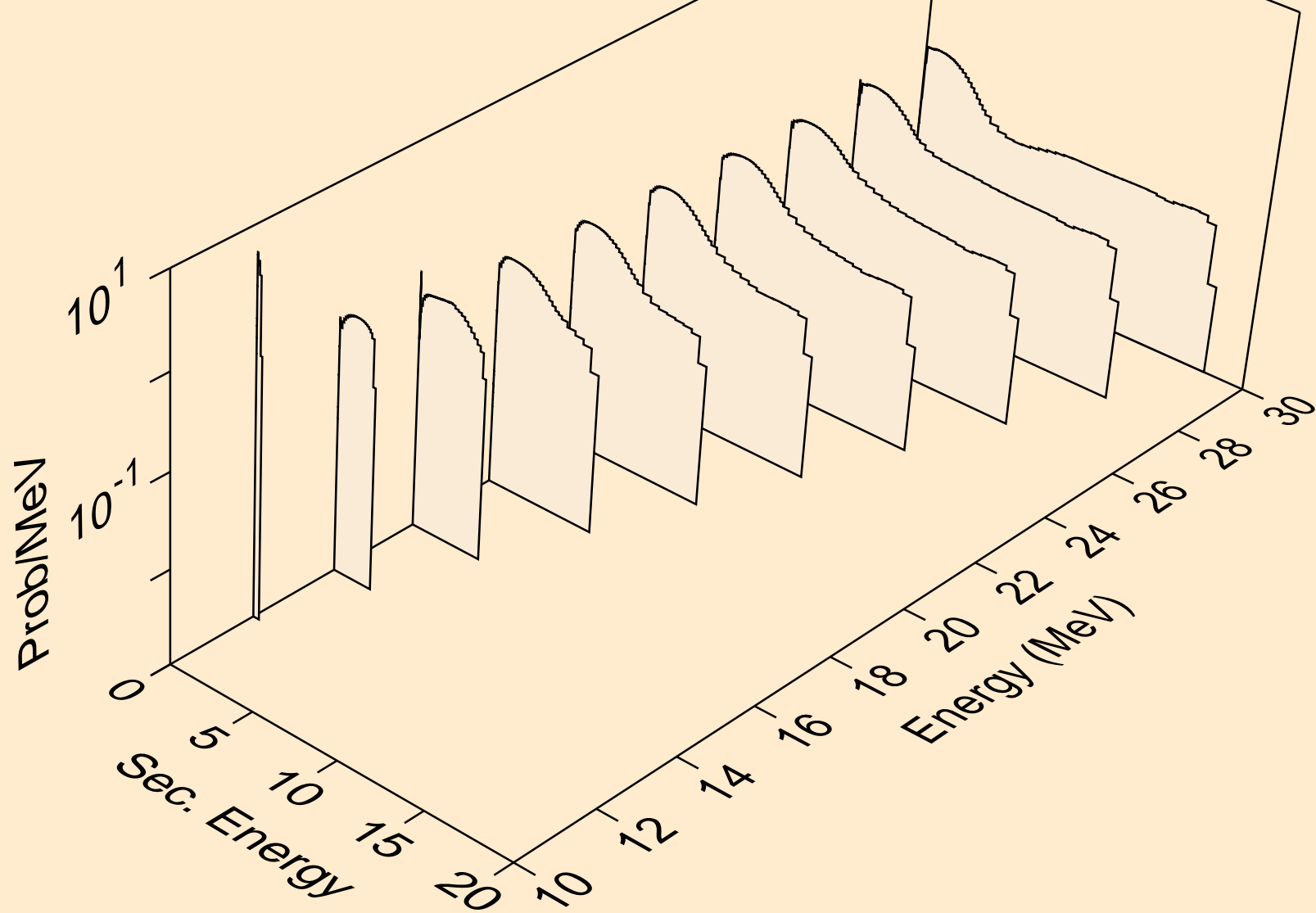
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

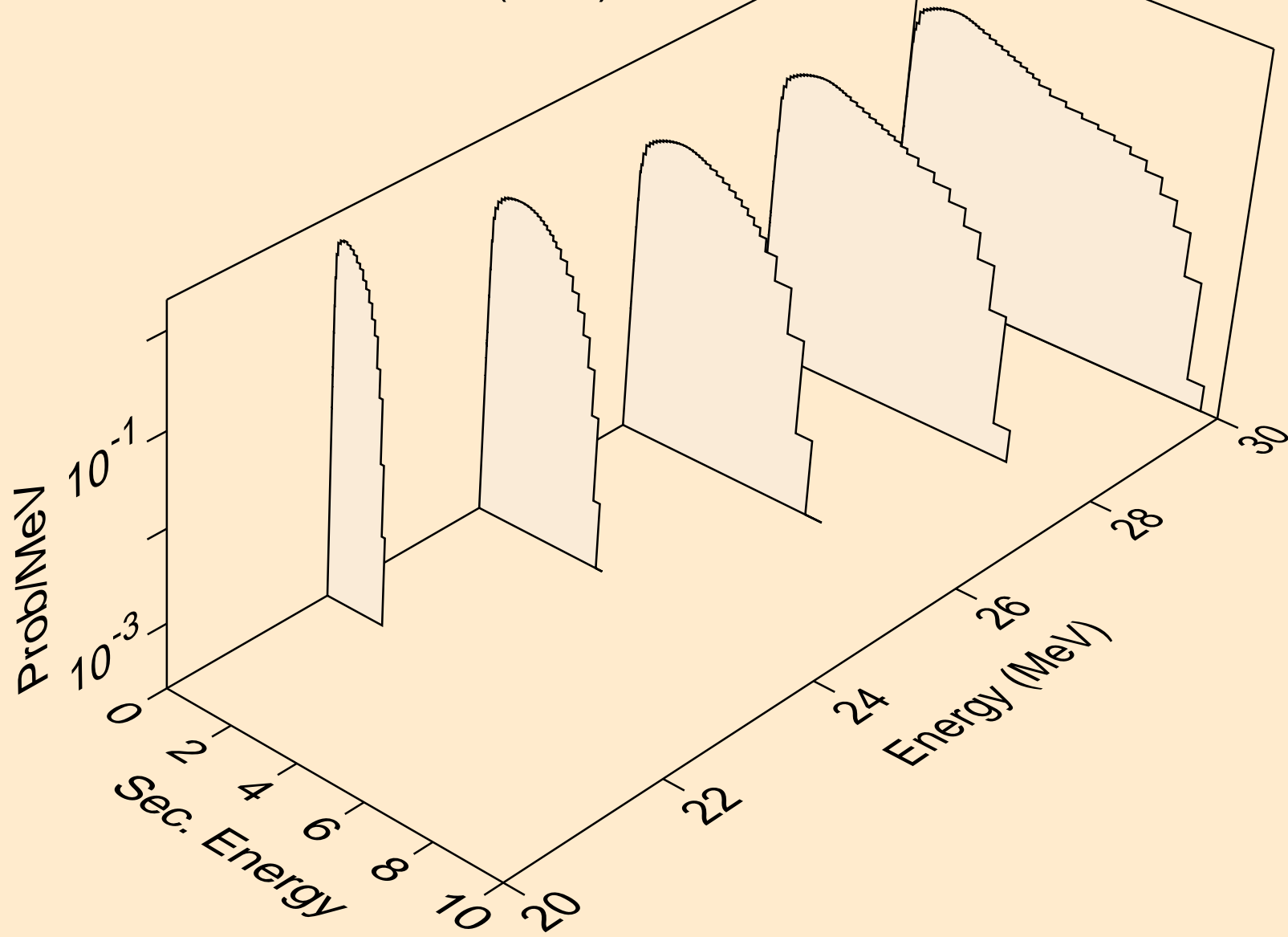


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

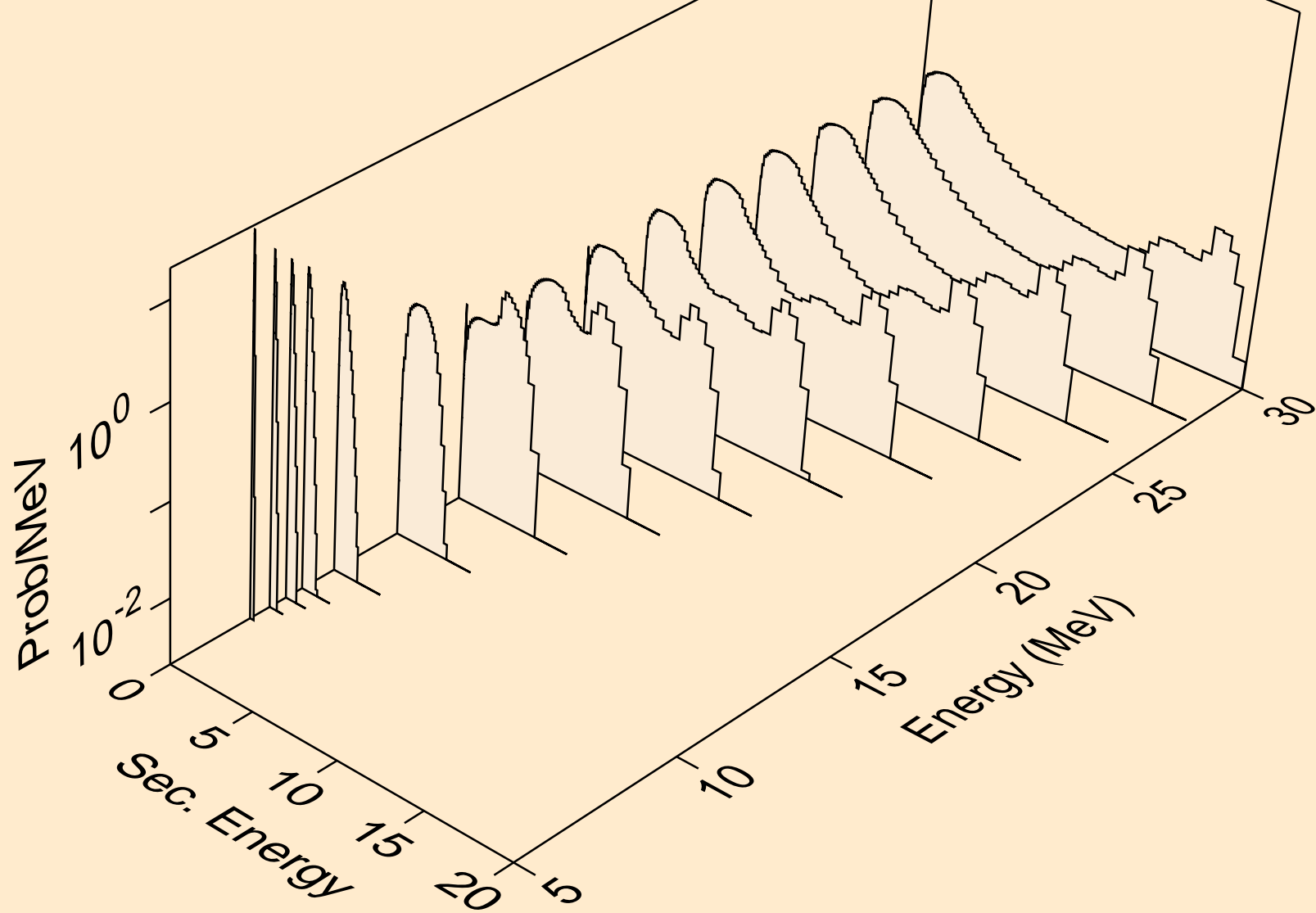




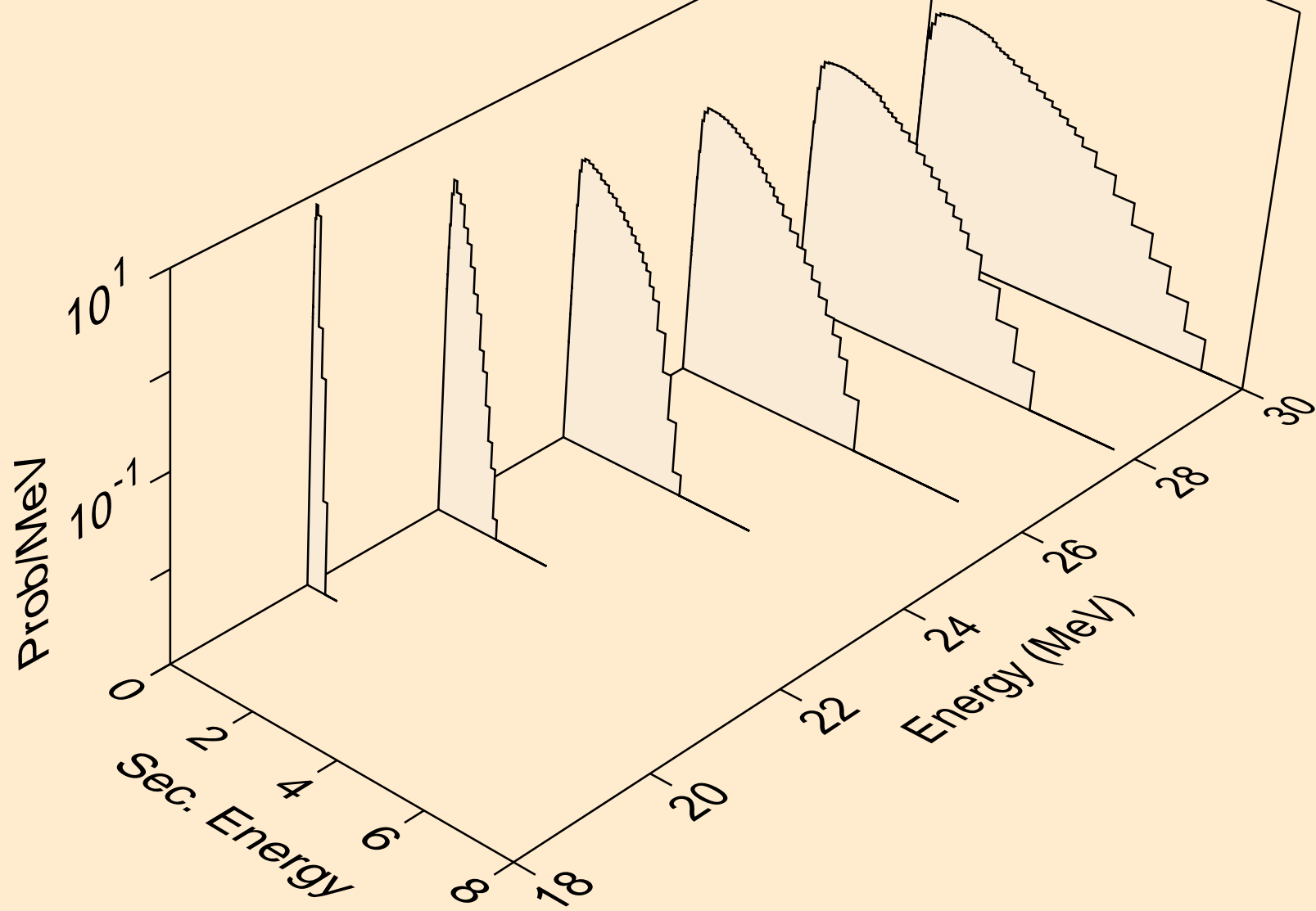
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



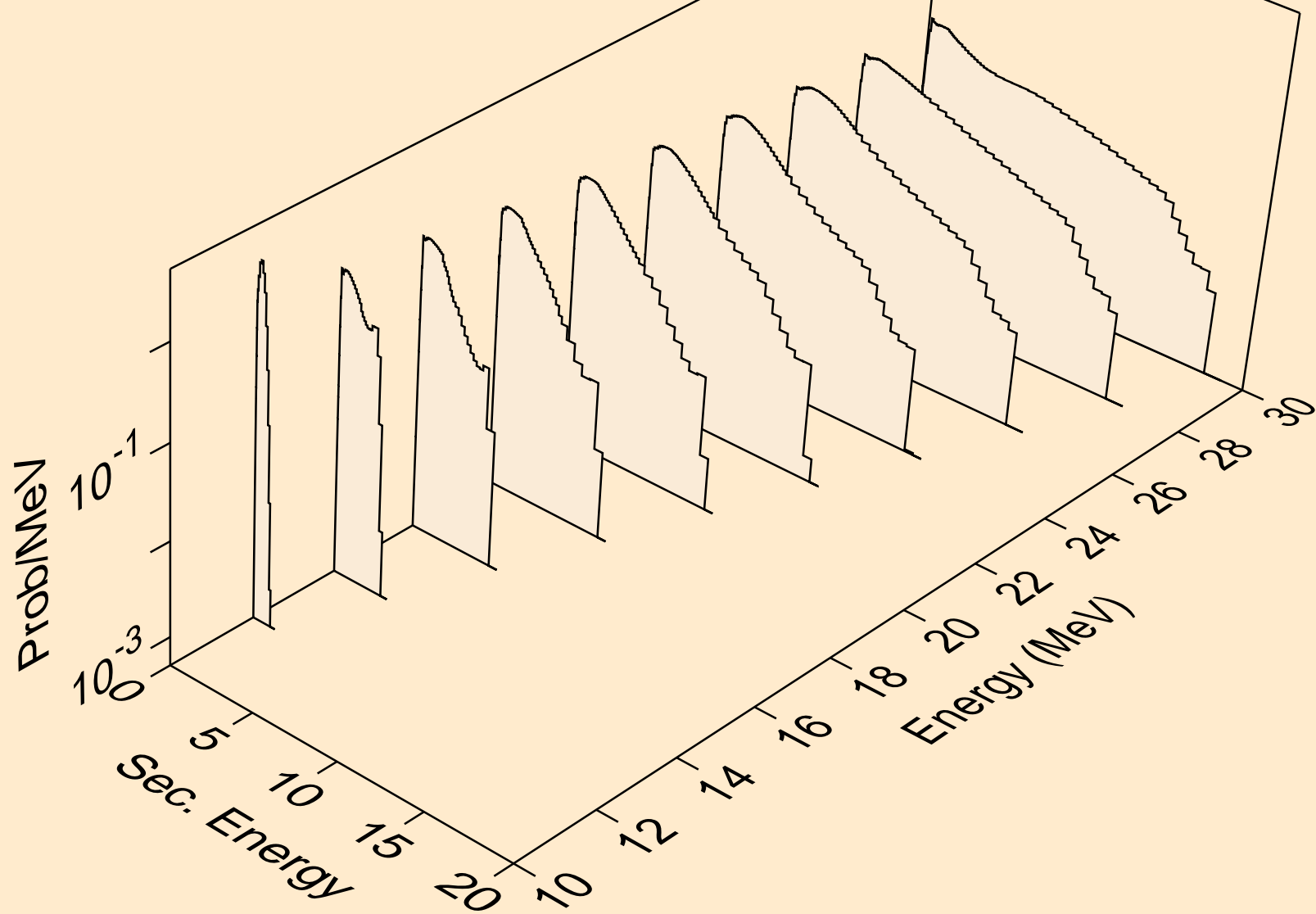
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



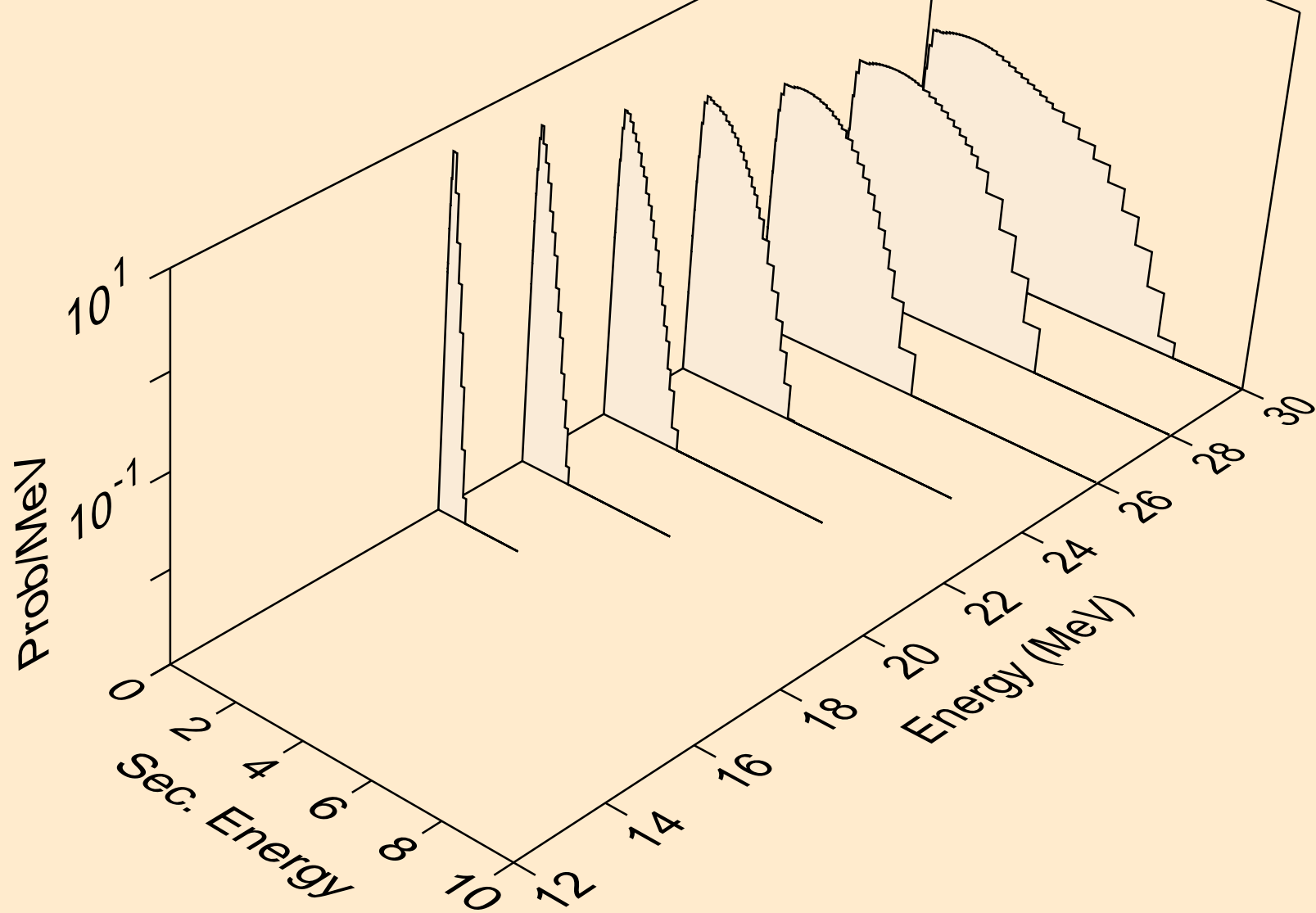
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



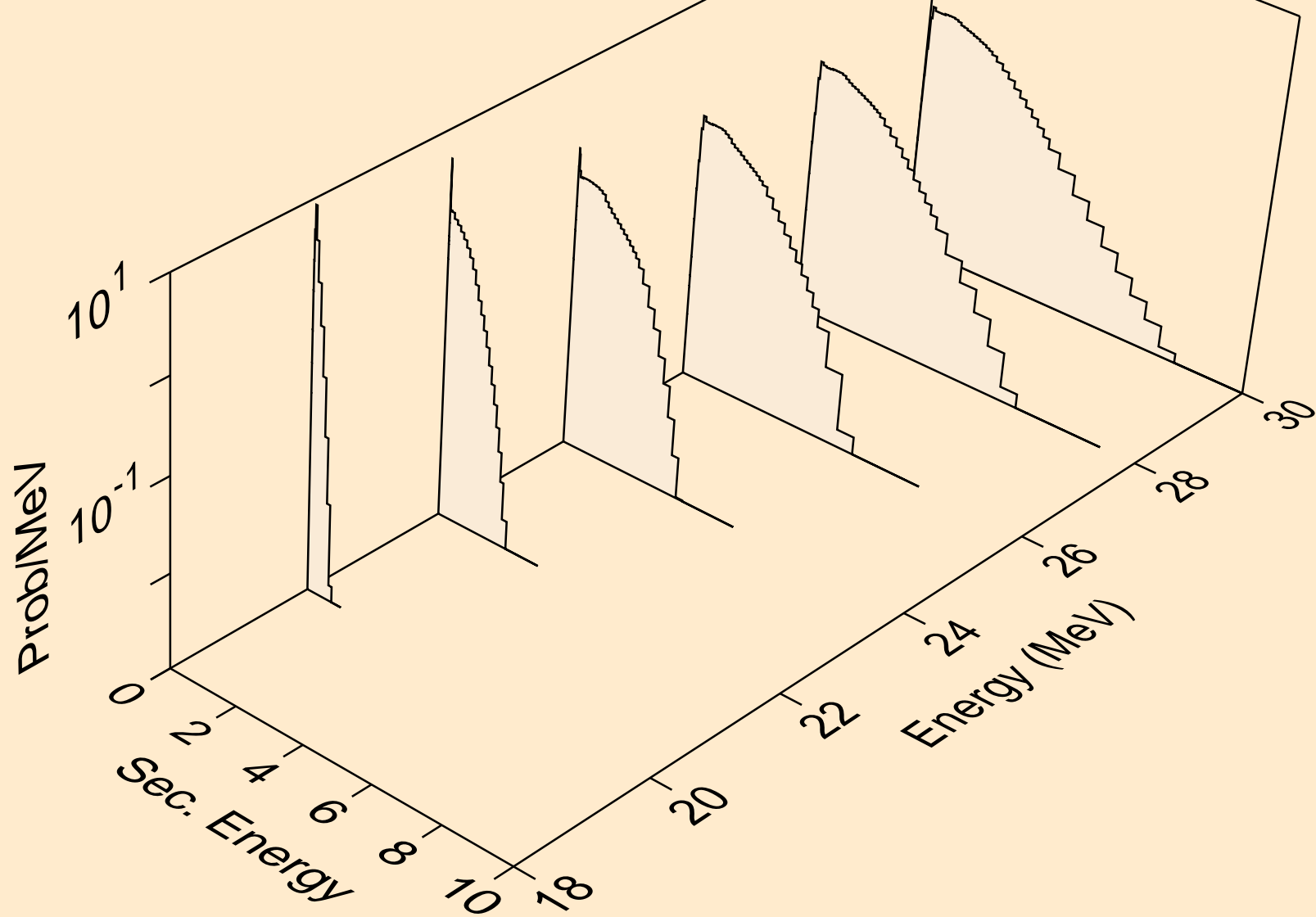
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



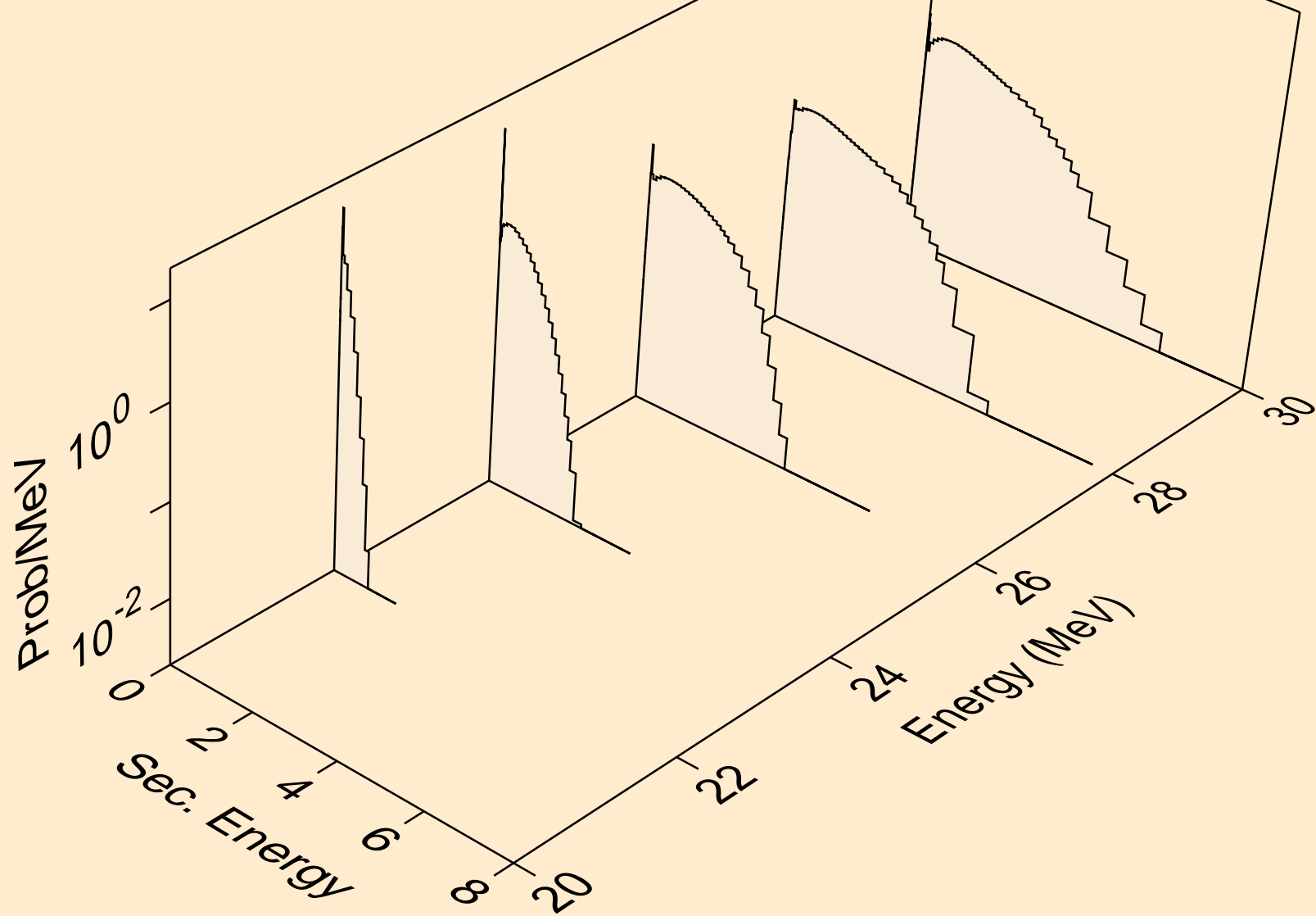
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



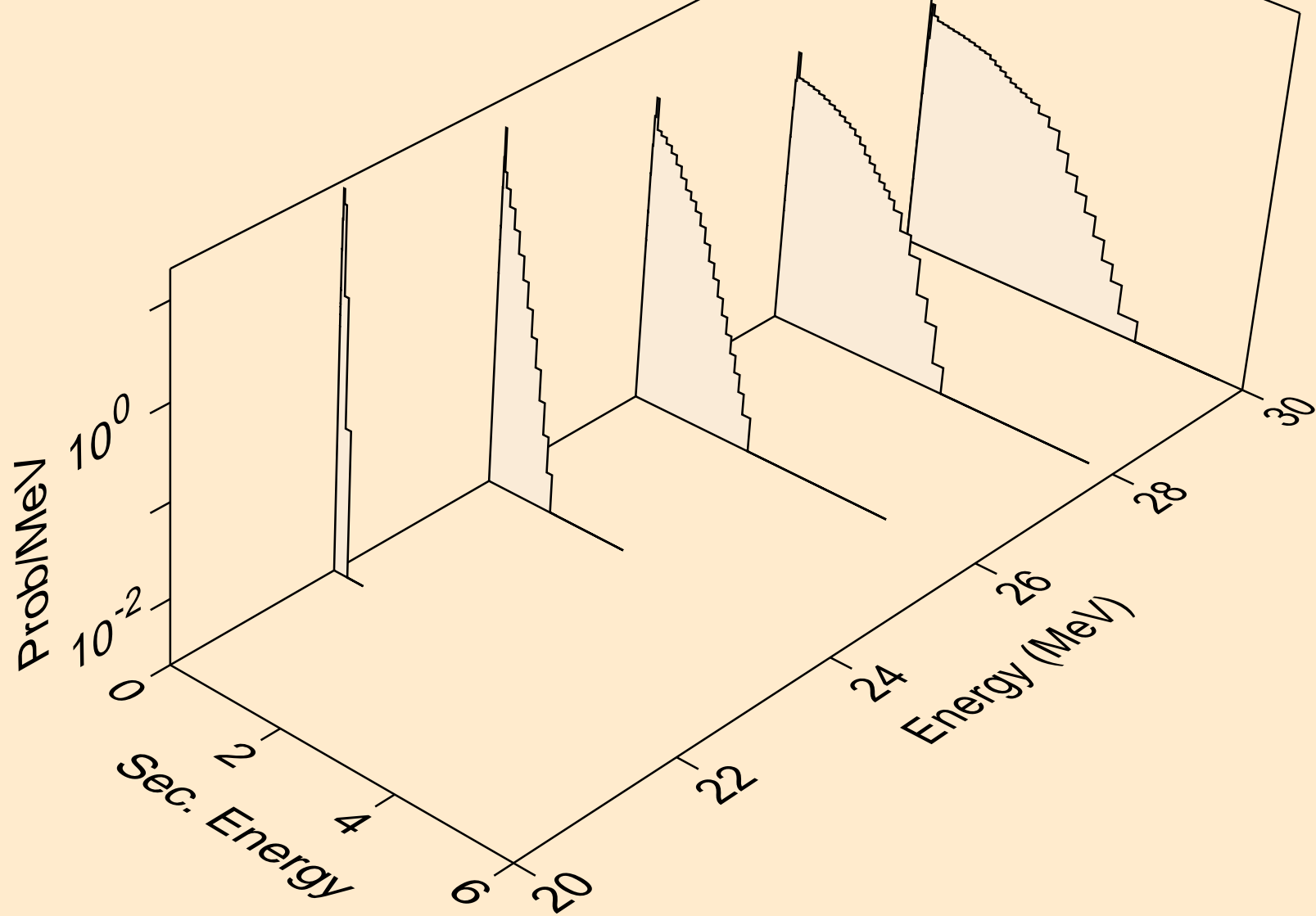
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

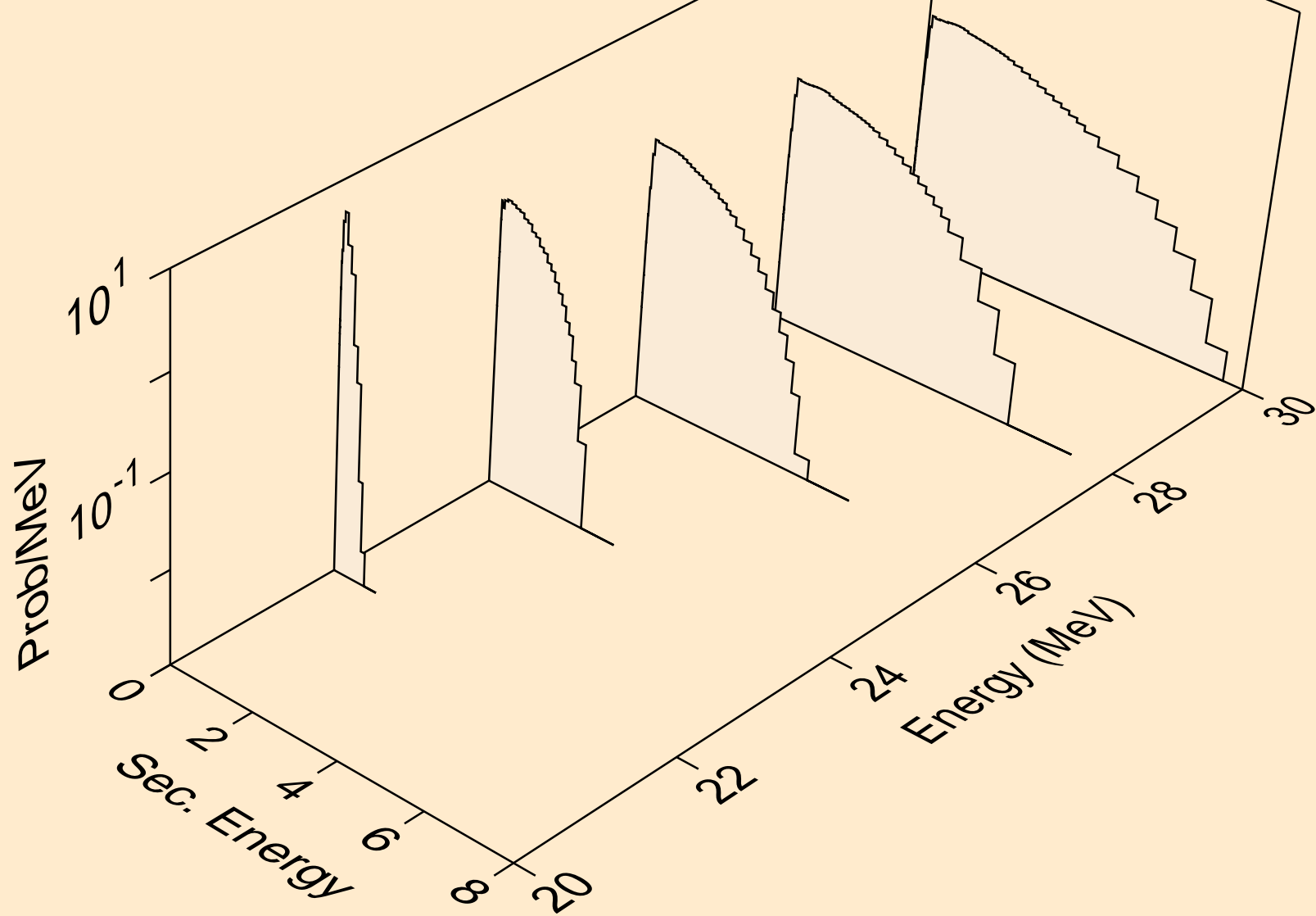


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

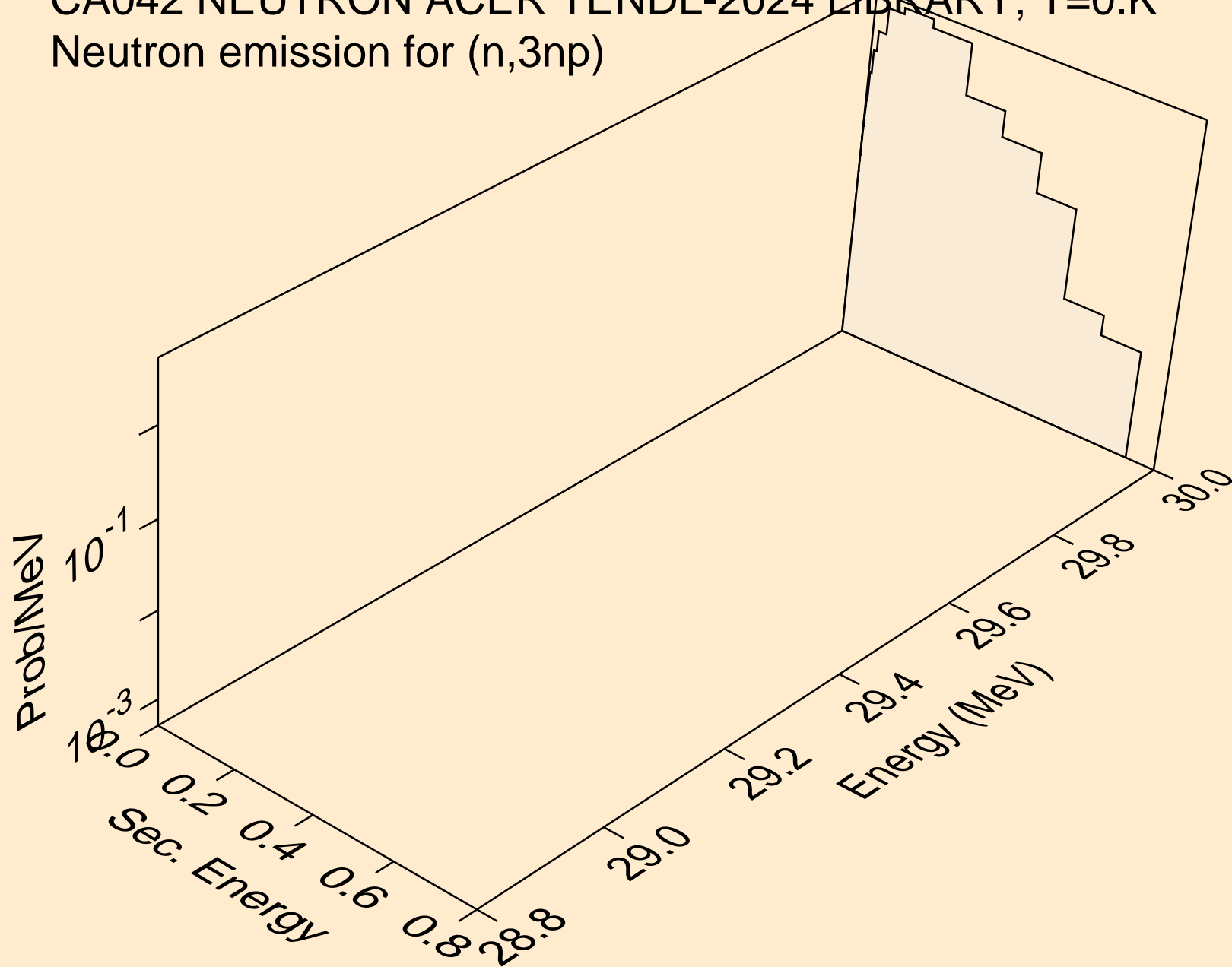




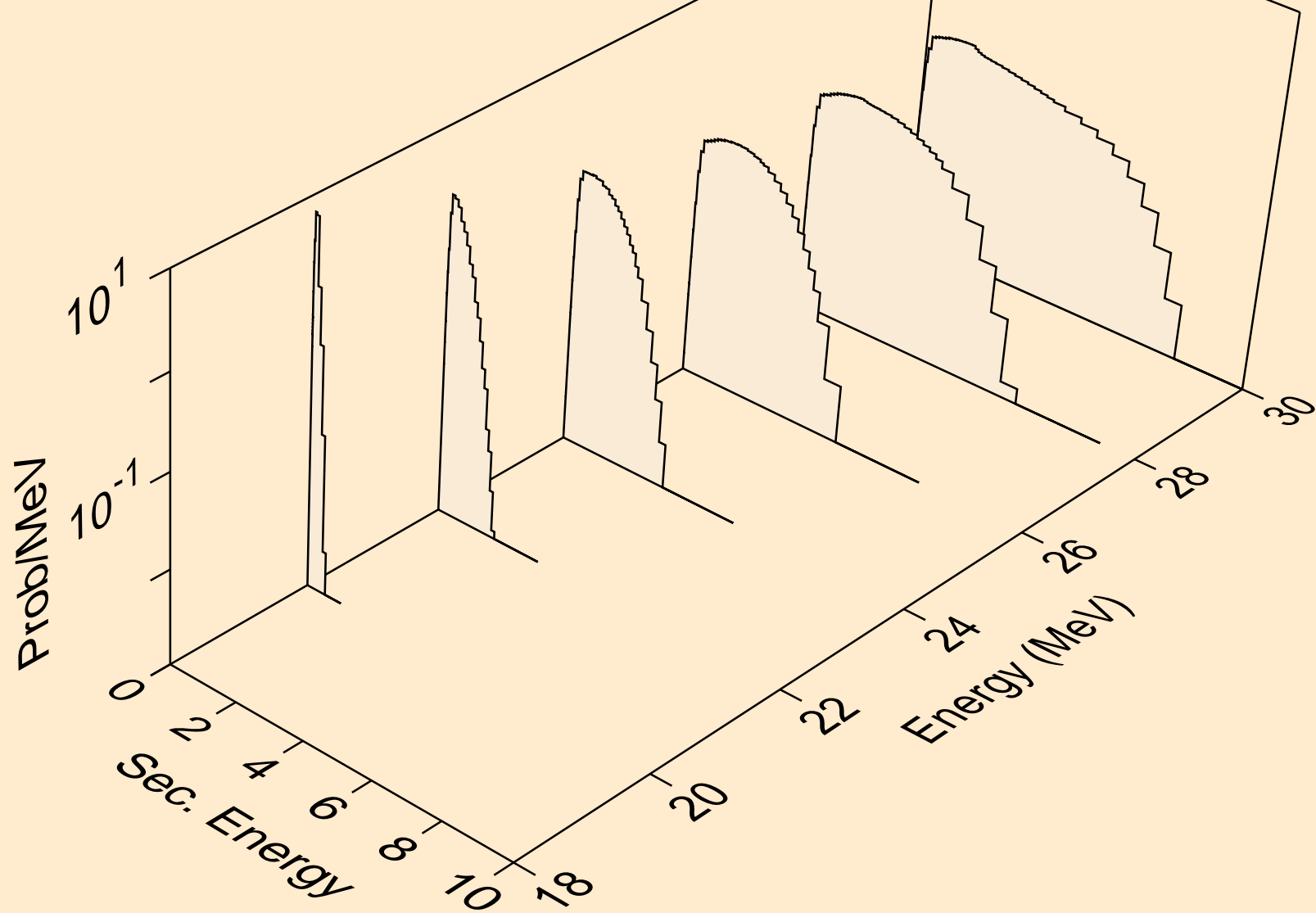
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



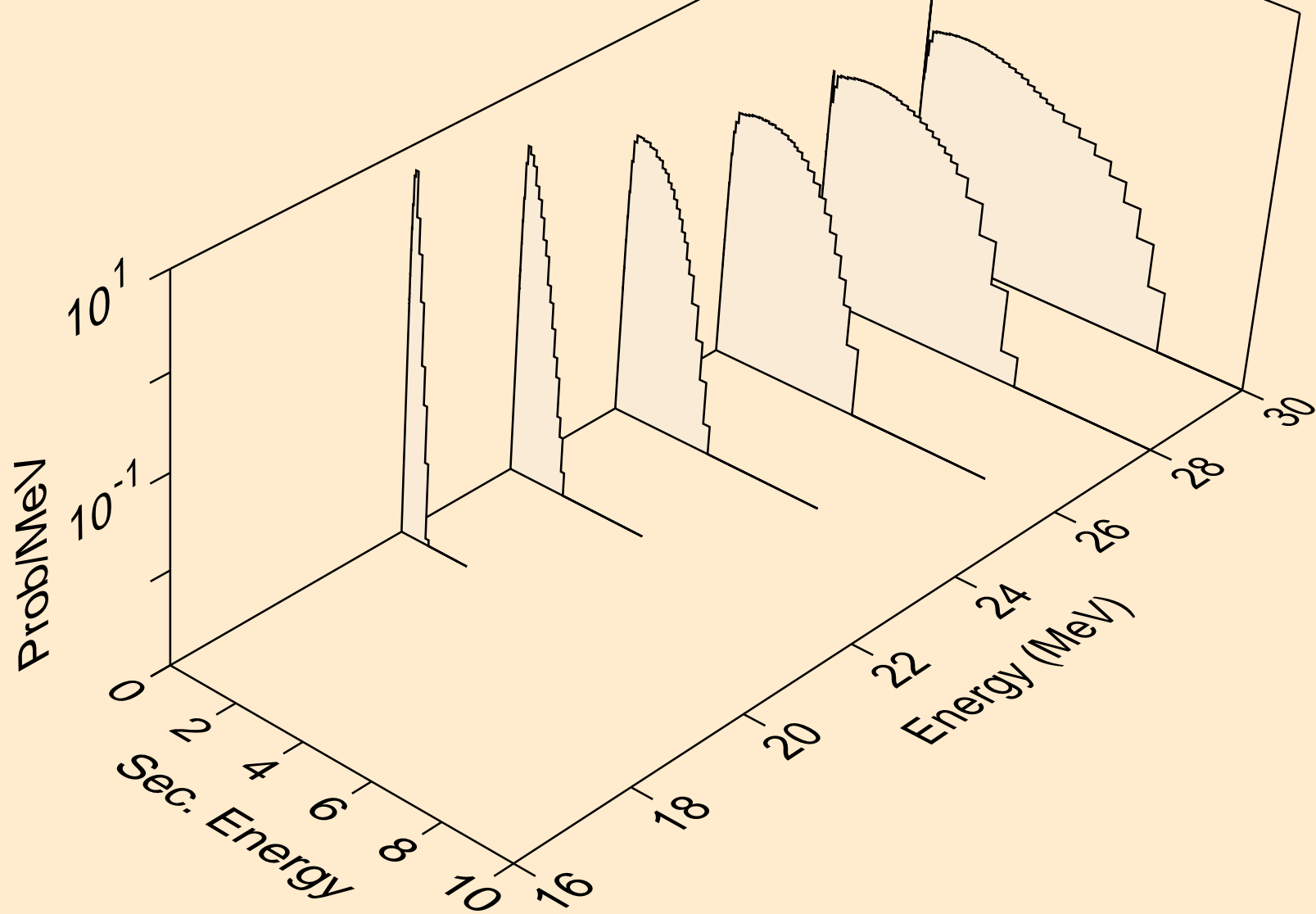
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



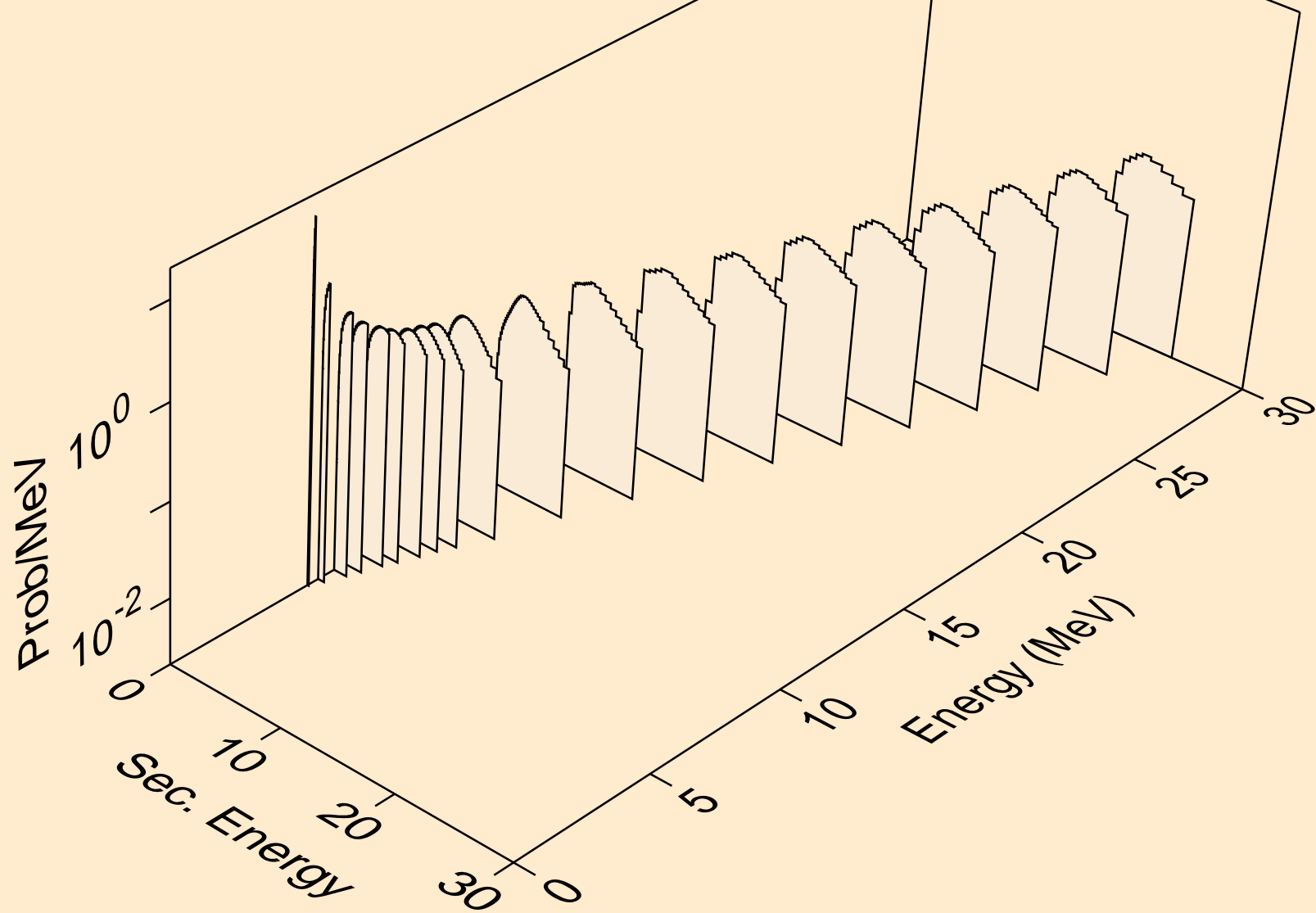
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



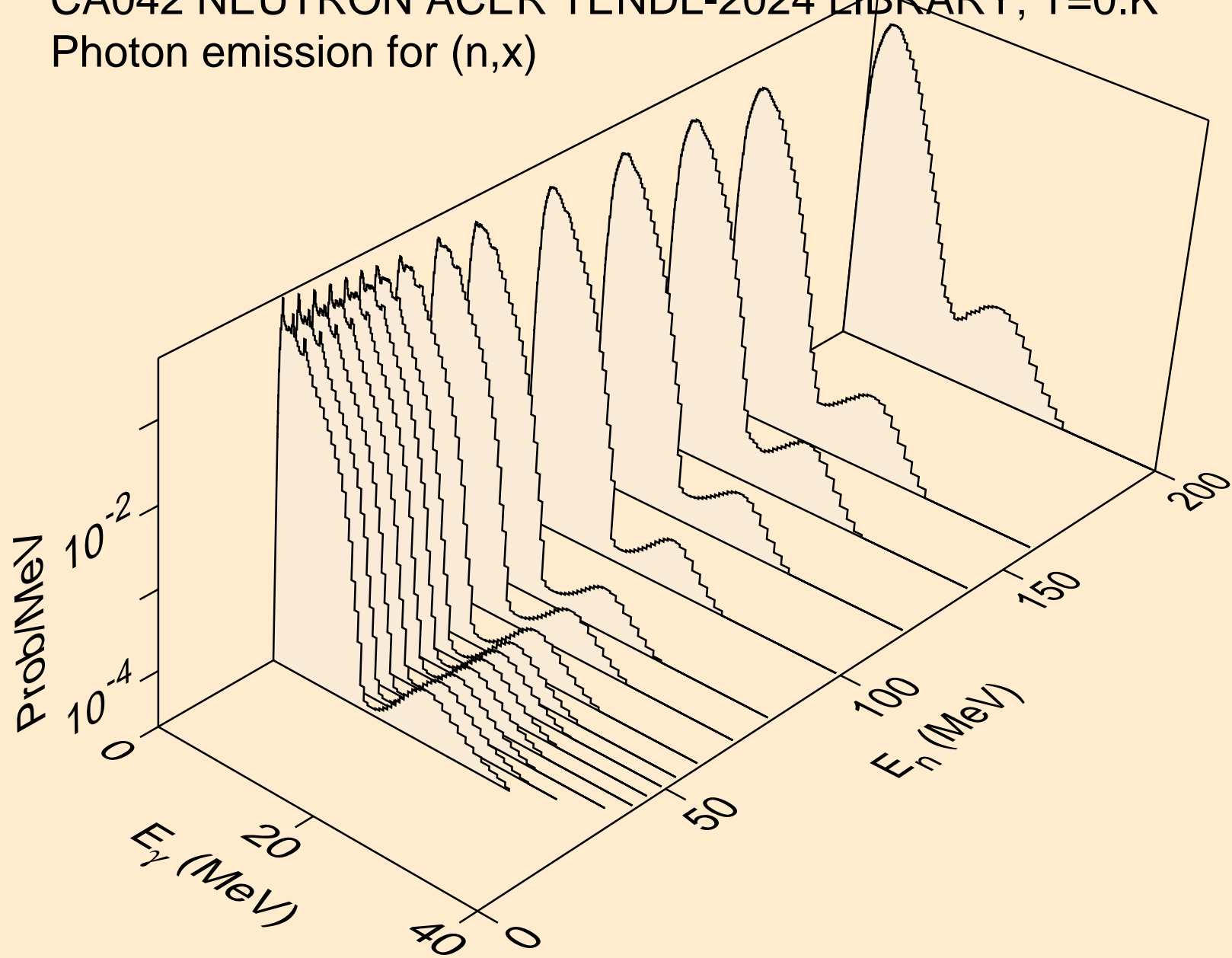
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



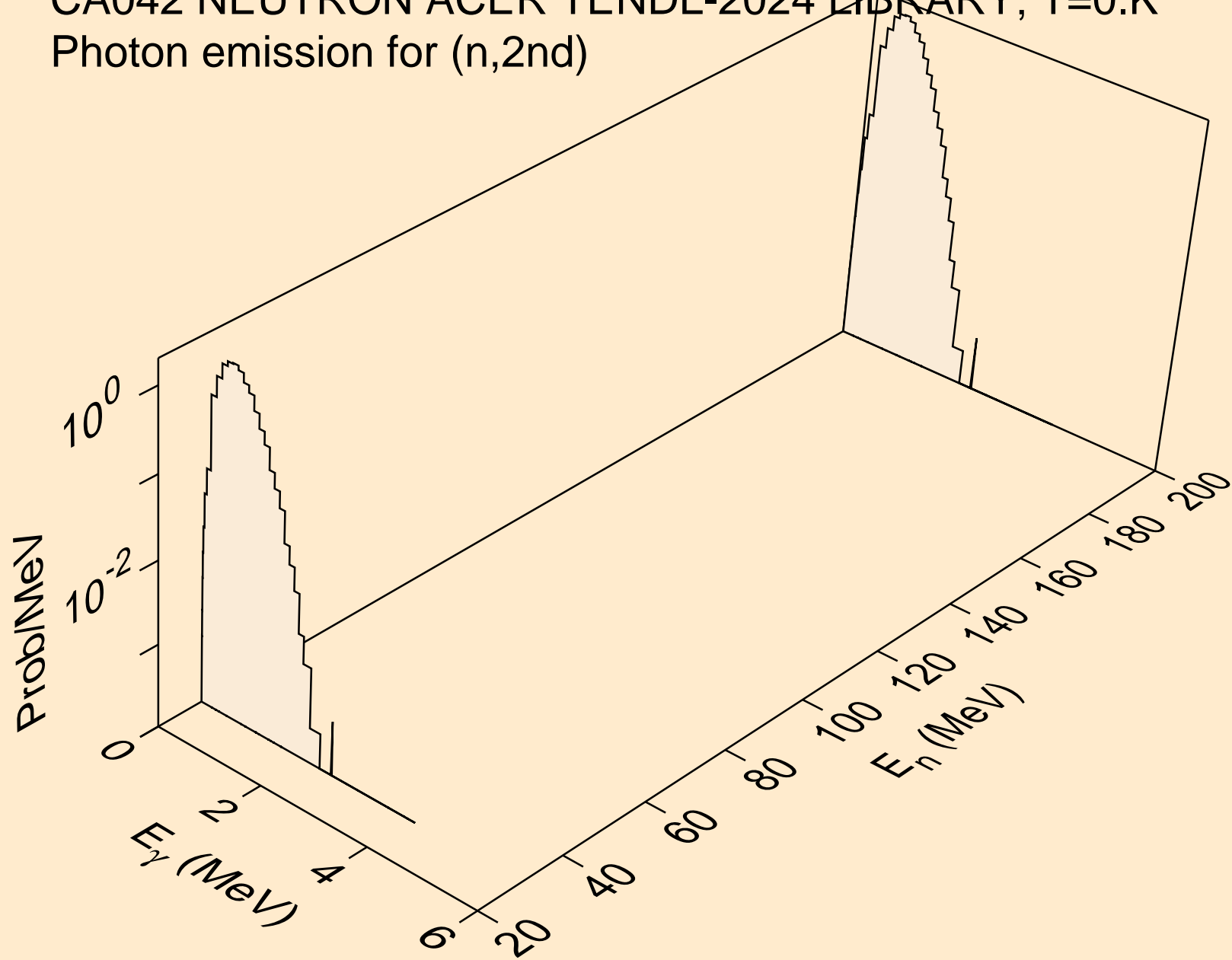
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



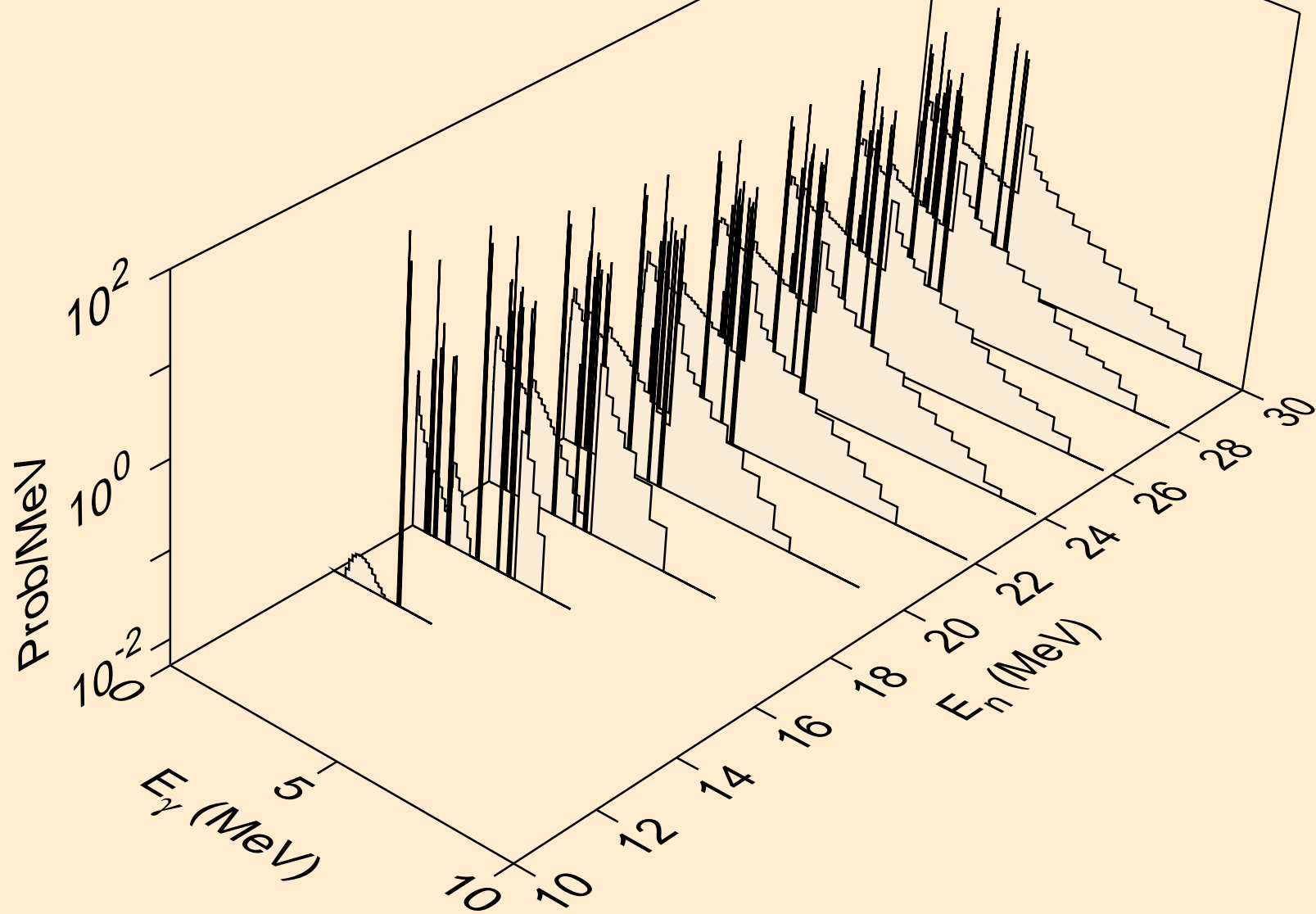
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

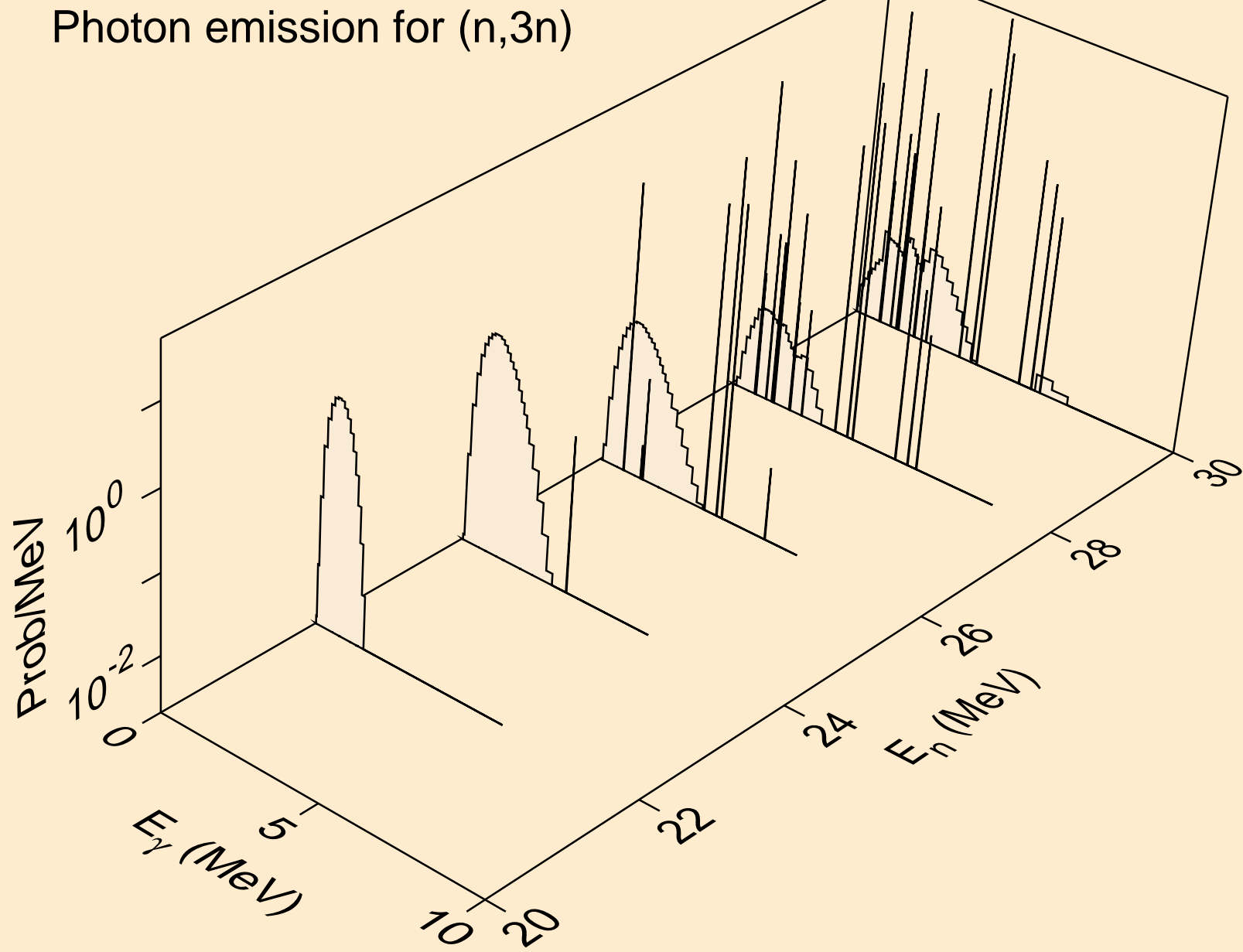


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

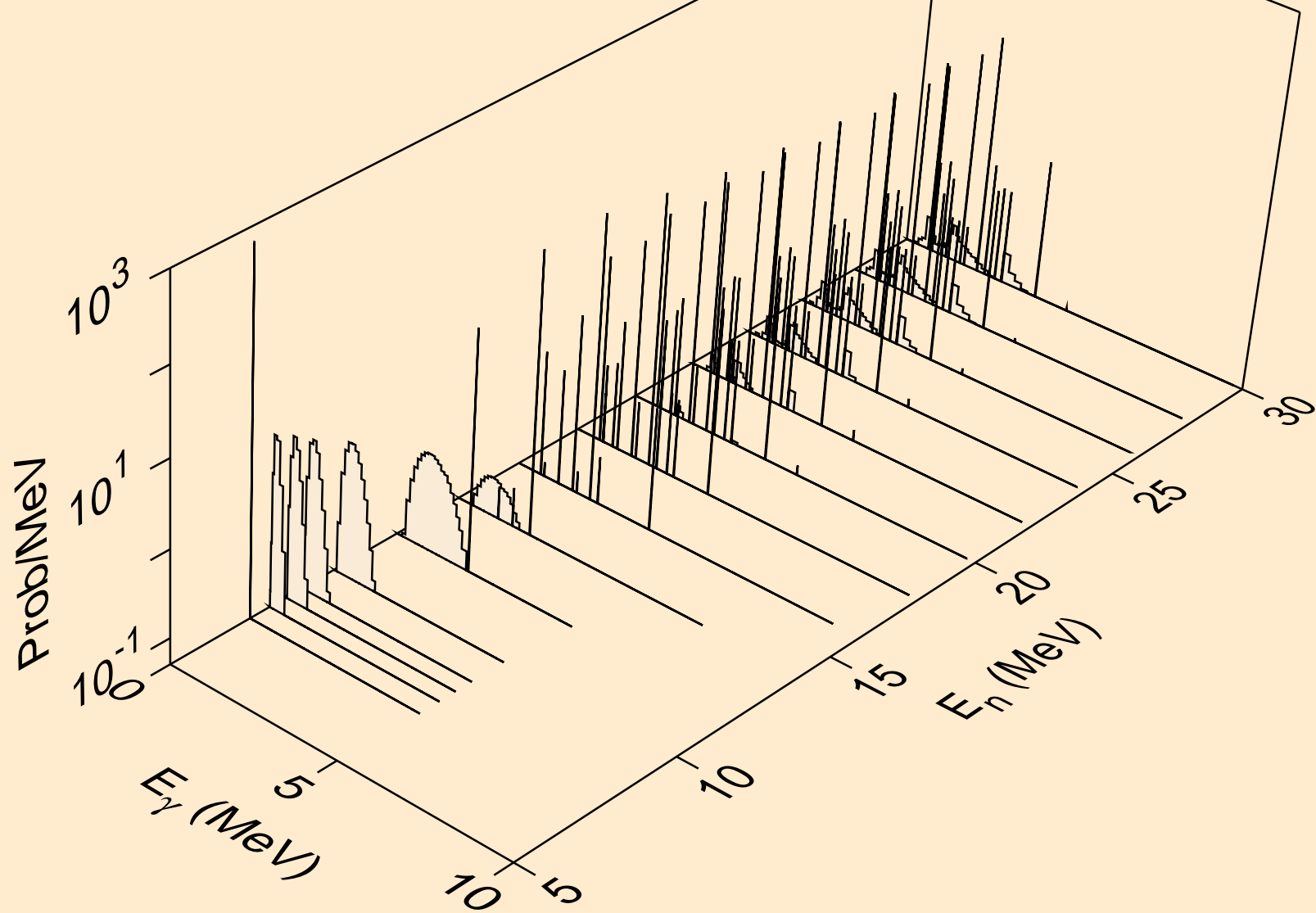




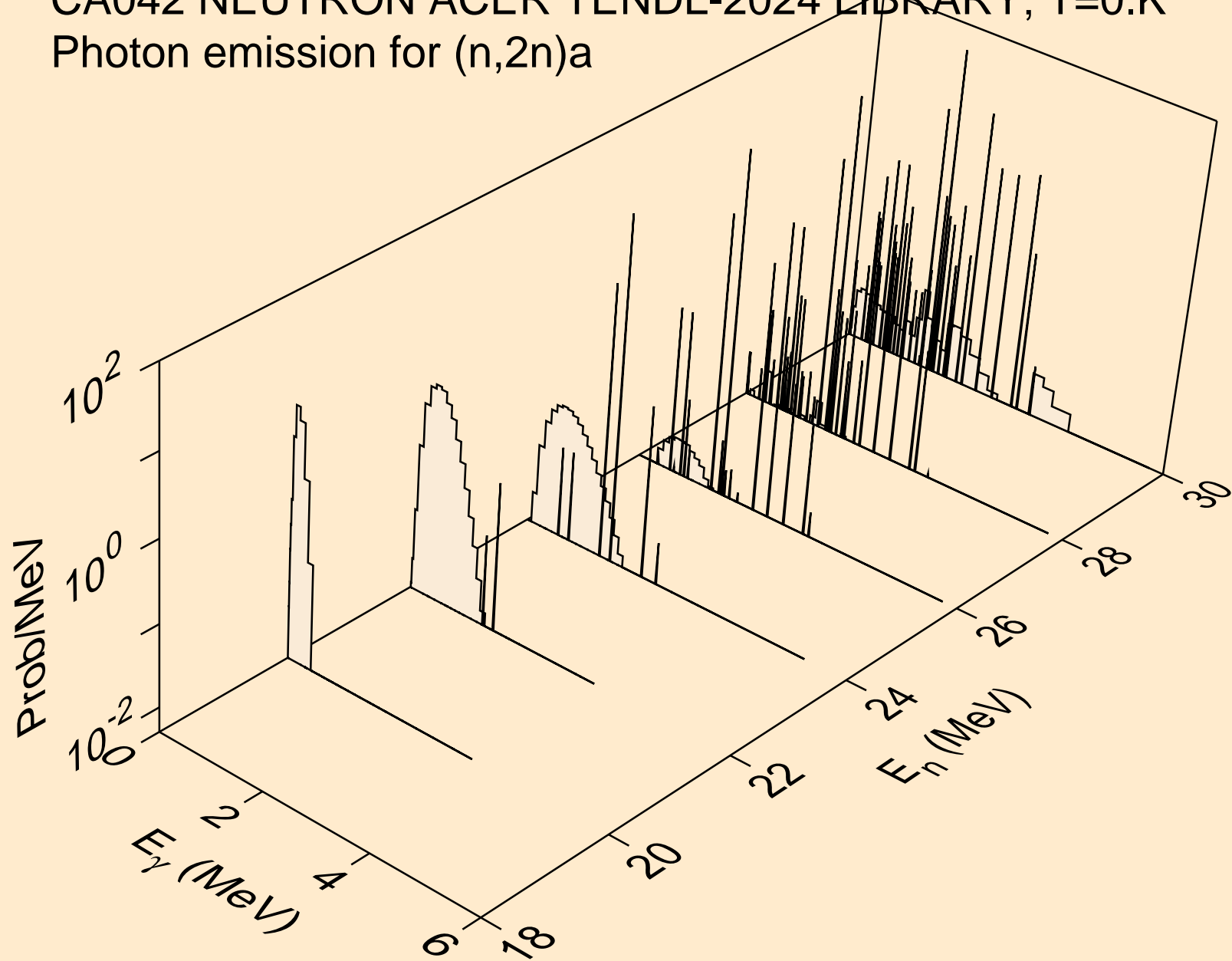
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Photon emission for (n,3n)



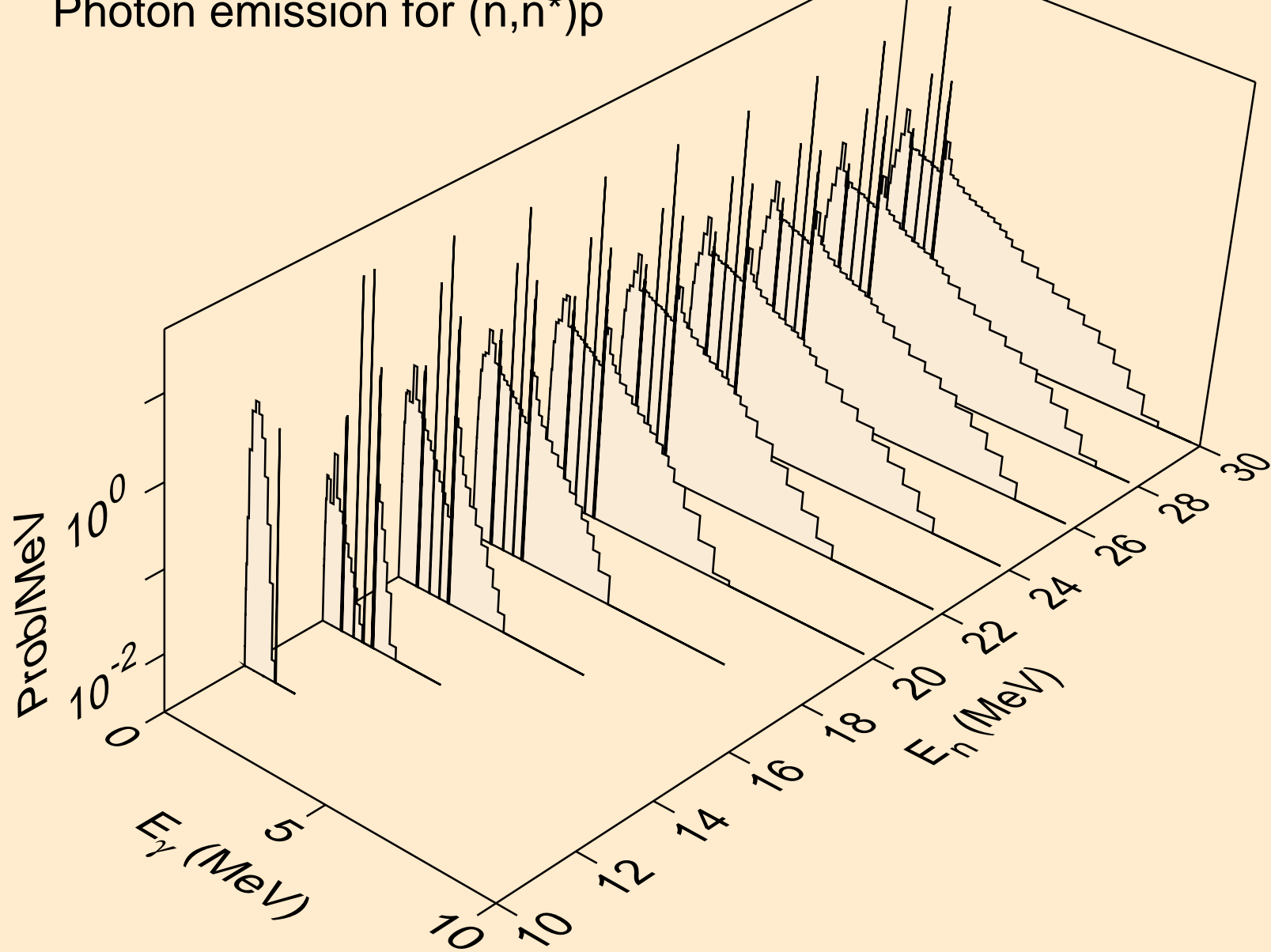
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



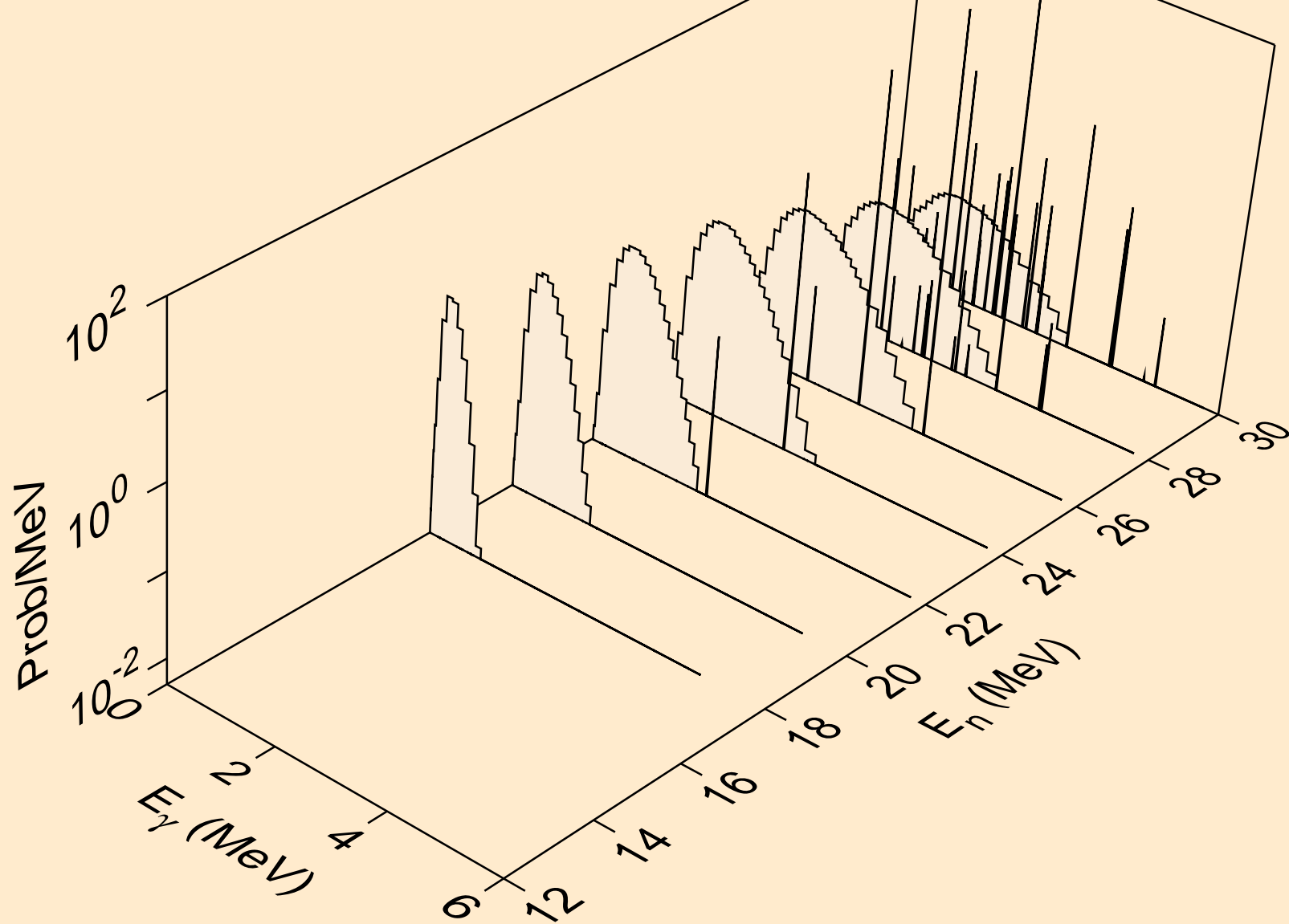
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Photon emission for (n,2n)a



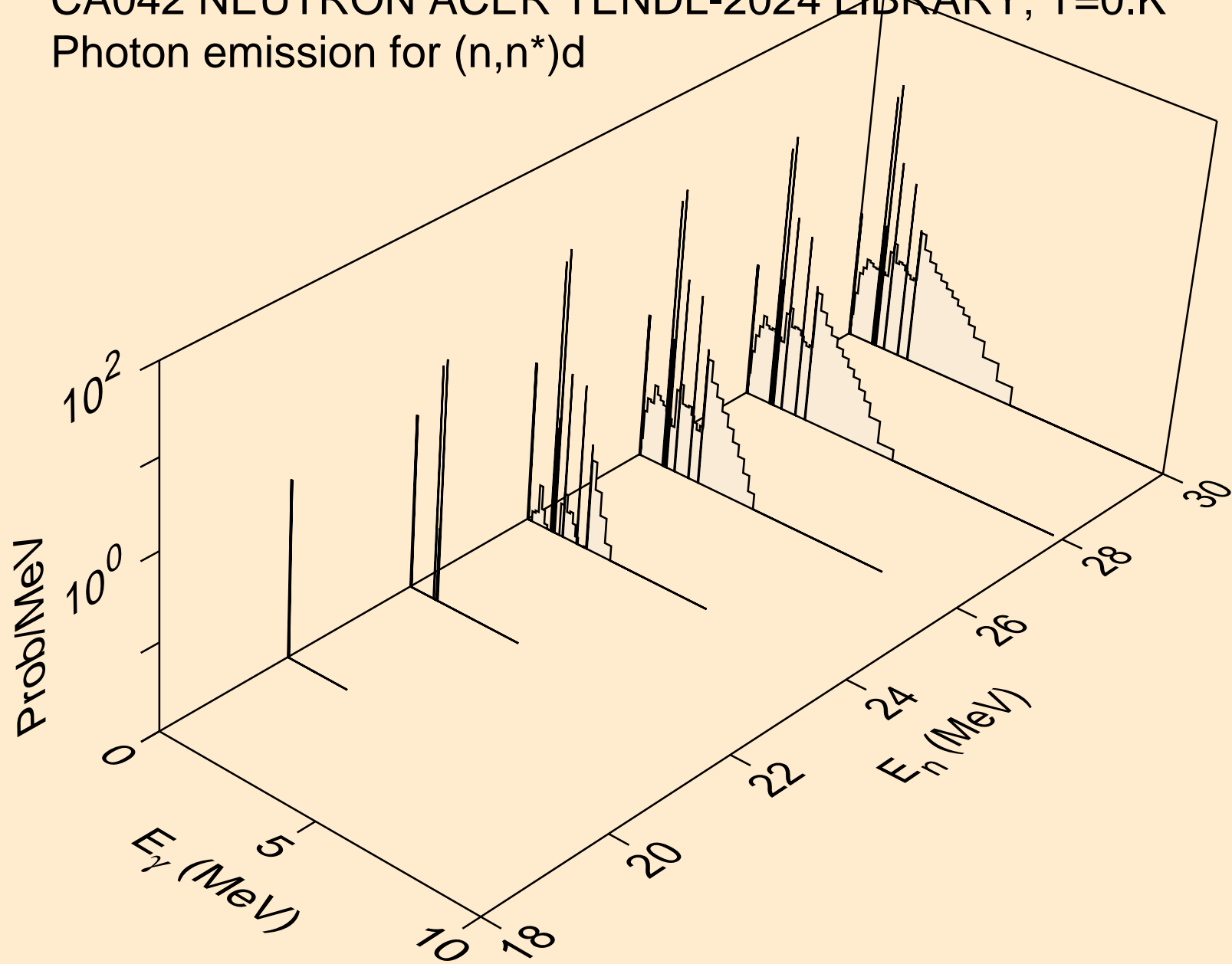
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



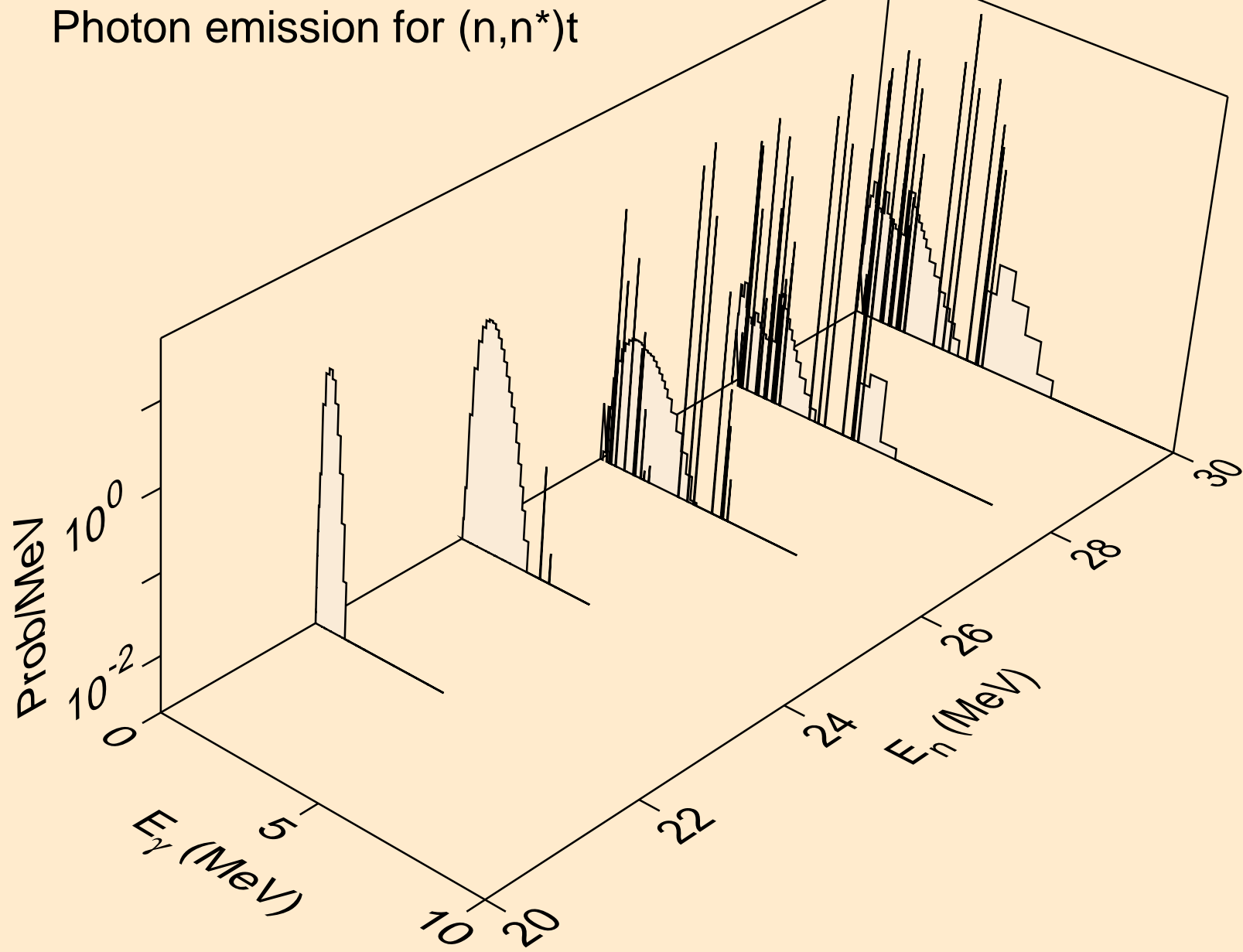
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Photon emission for (n,n\*)2a



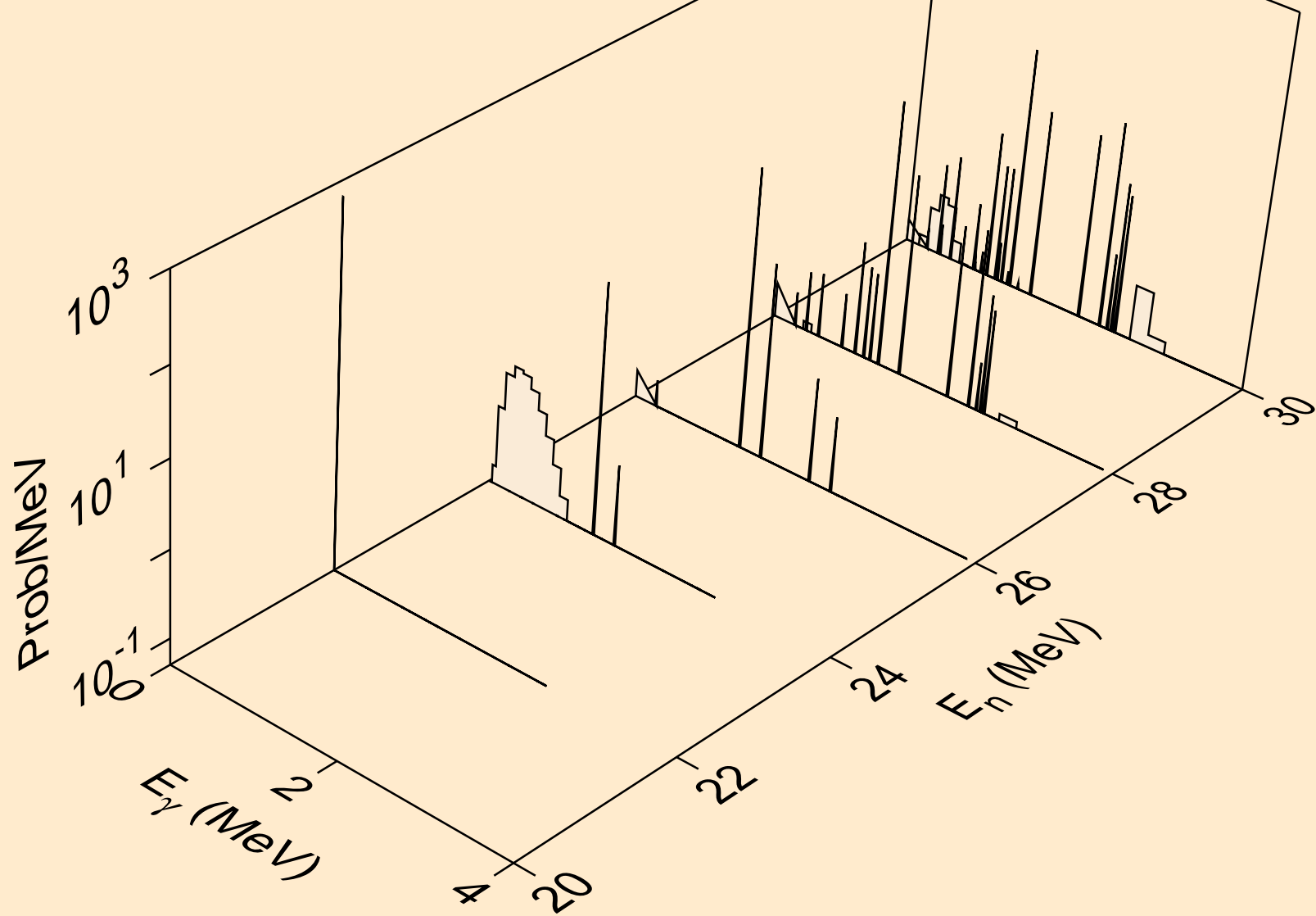
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

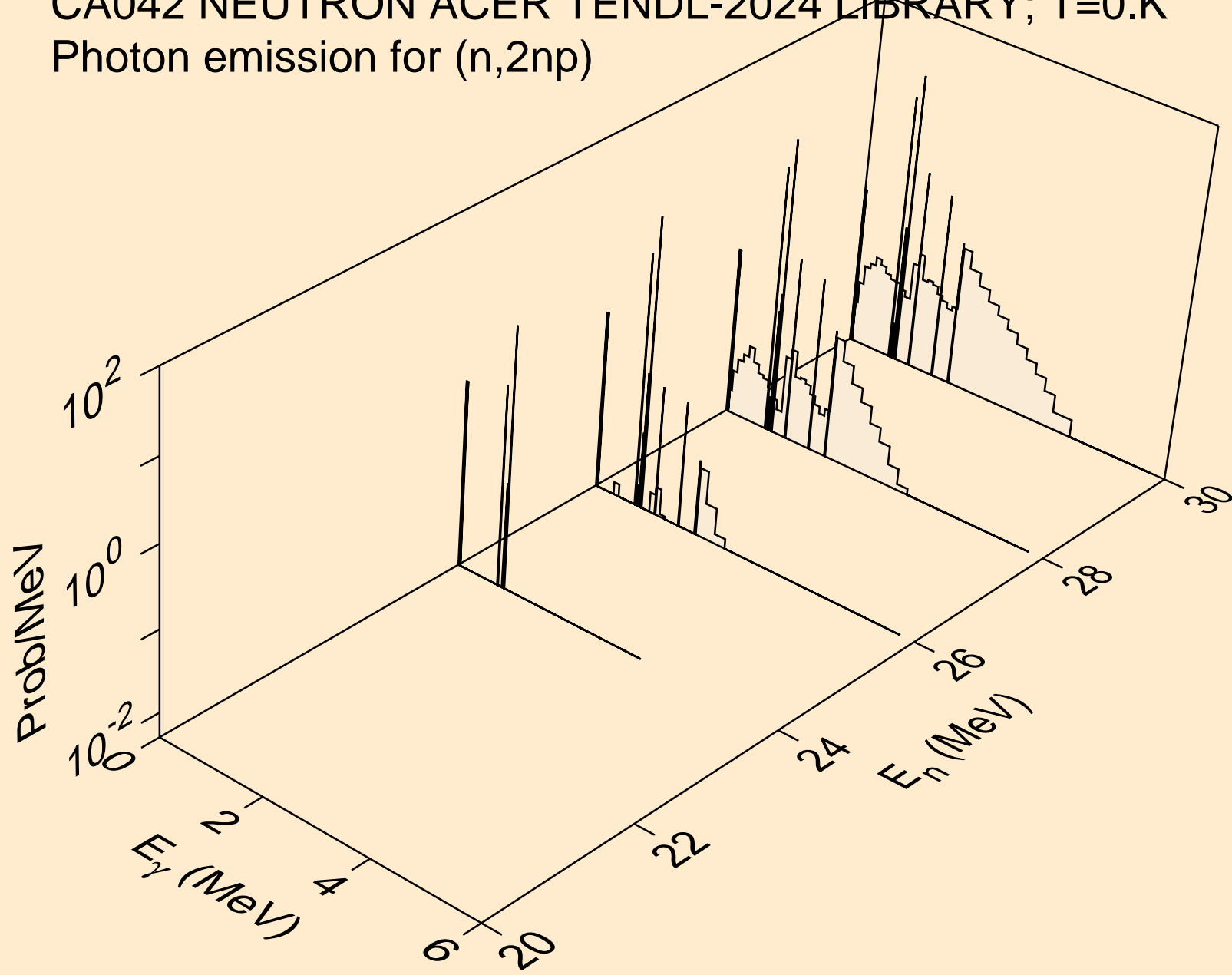


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

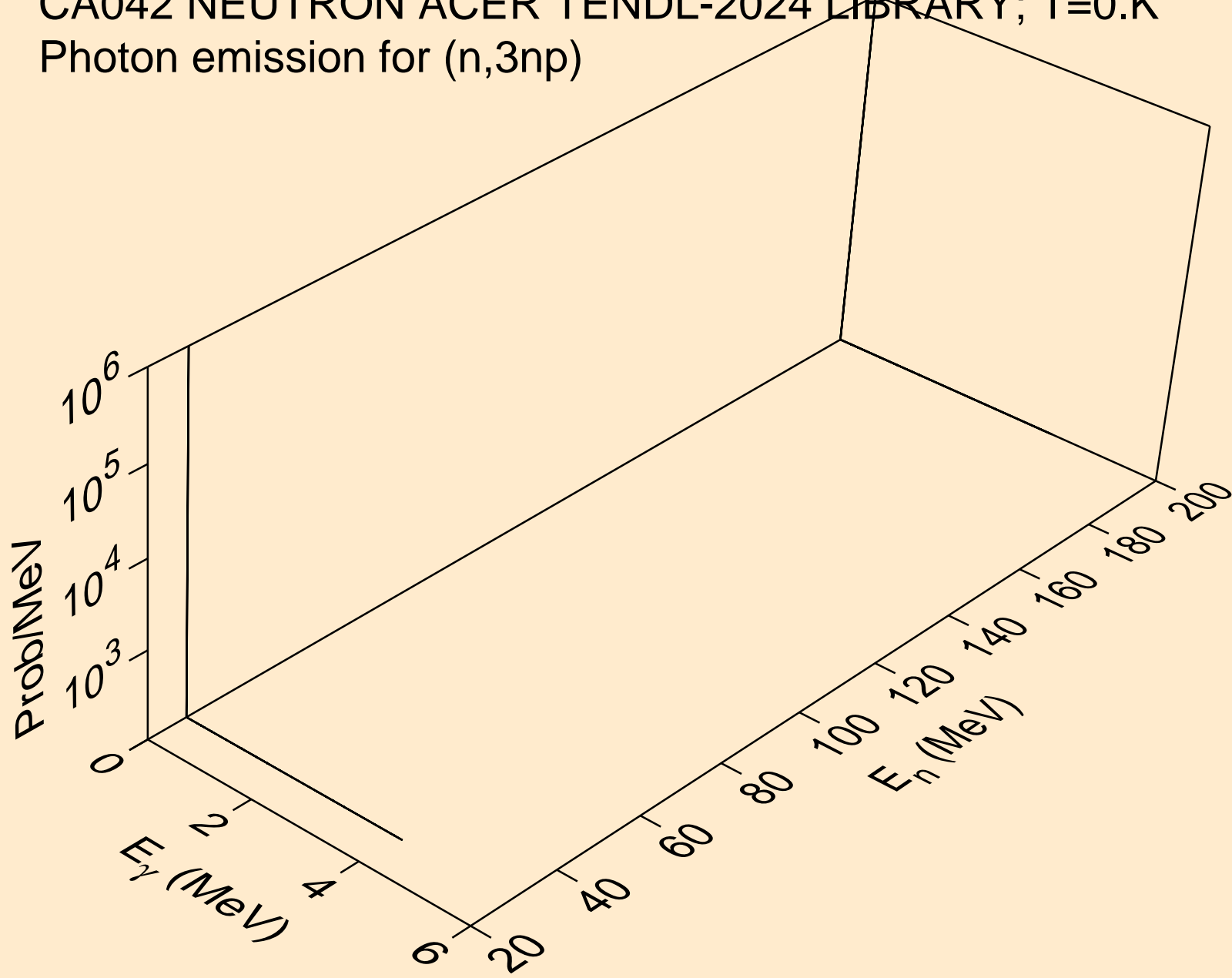




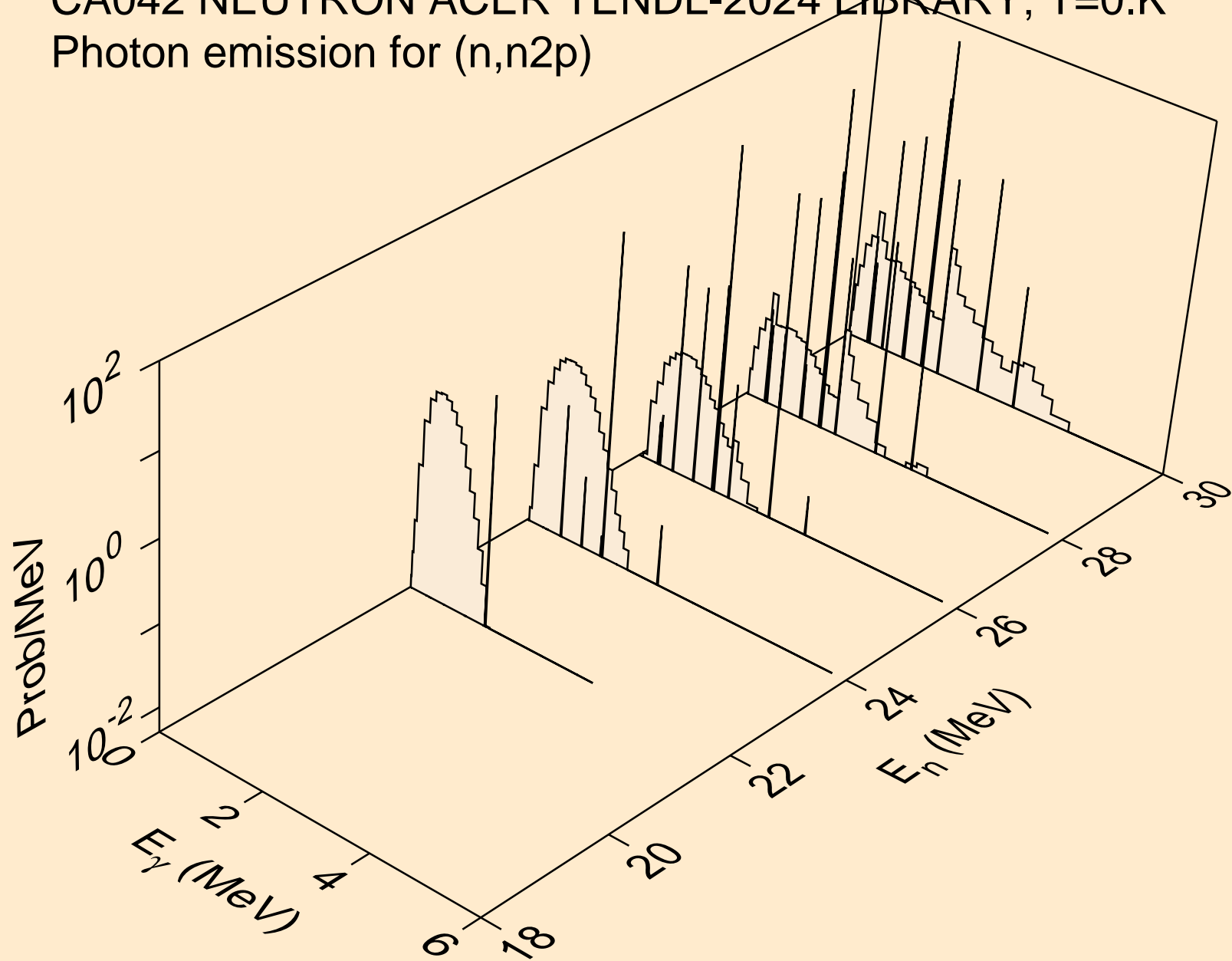
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Photon emission for (n,2np)



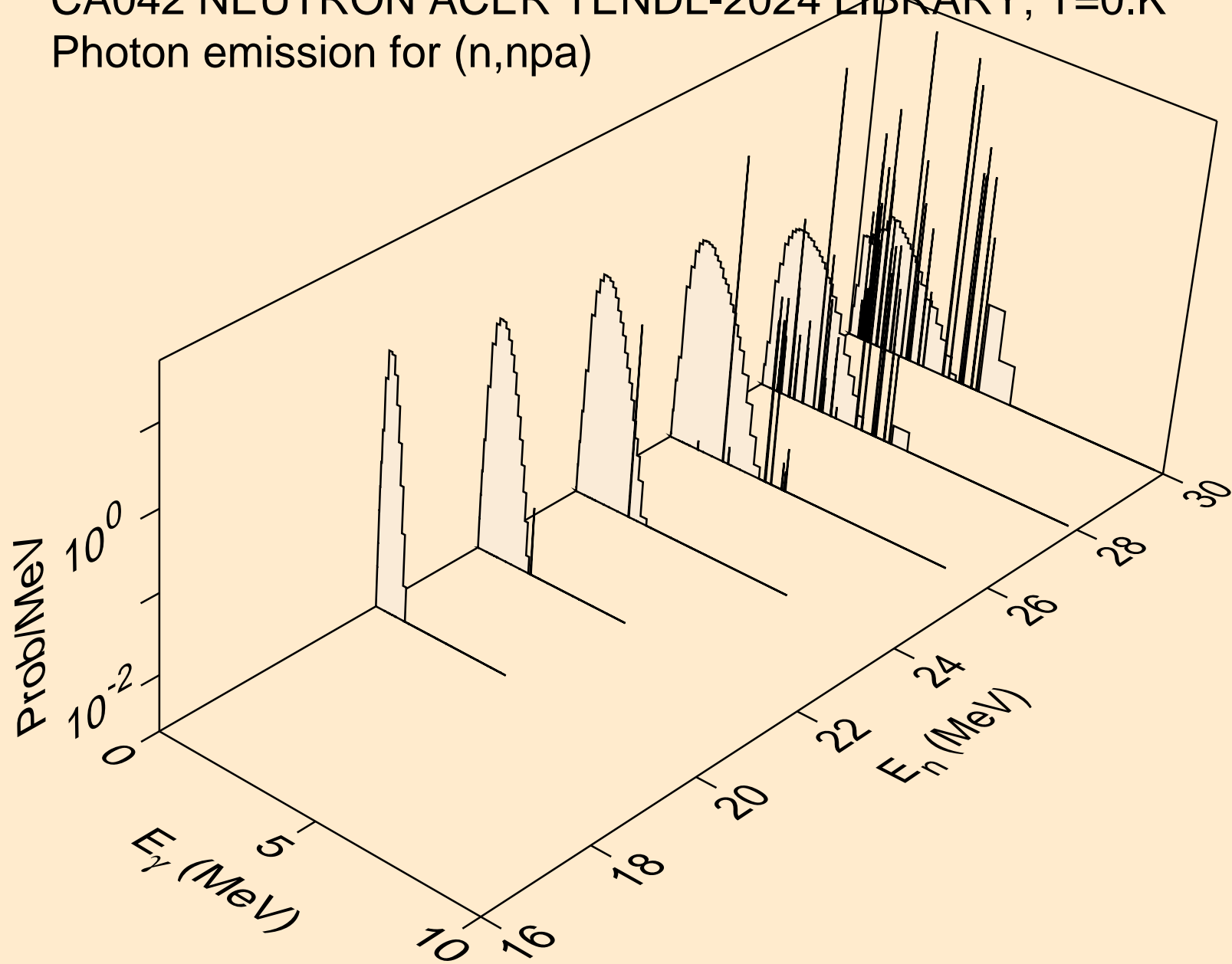
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Photon emission for (n,3np)



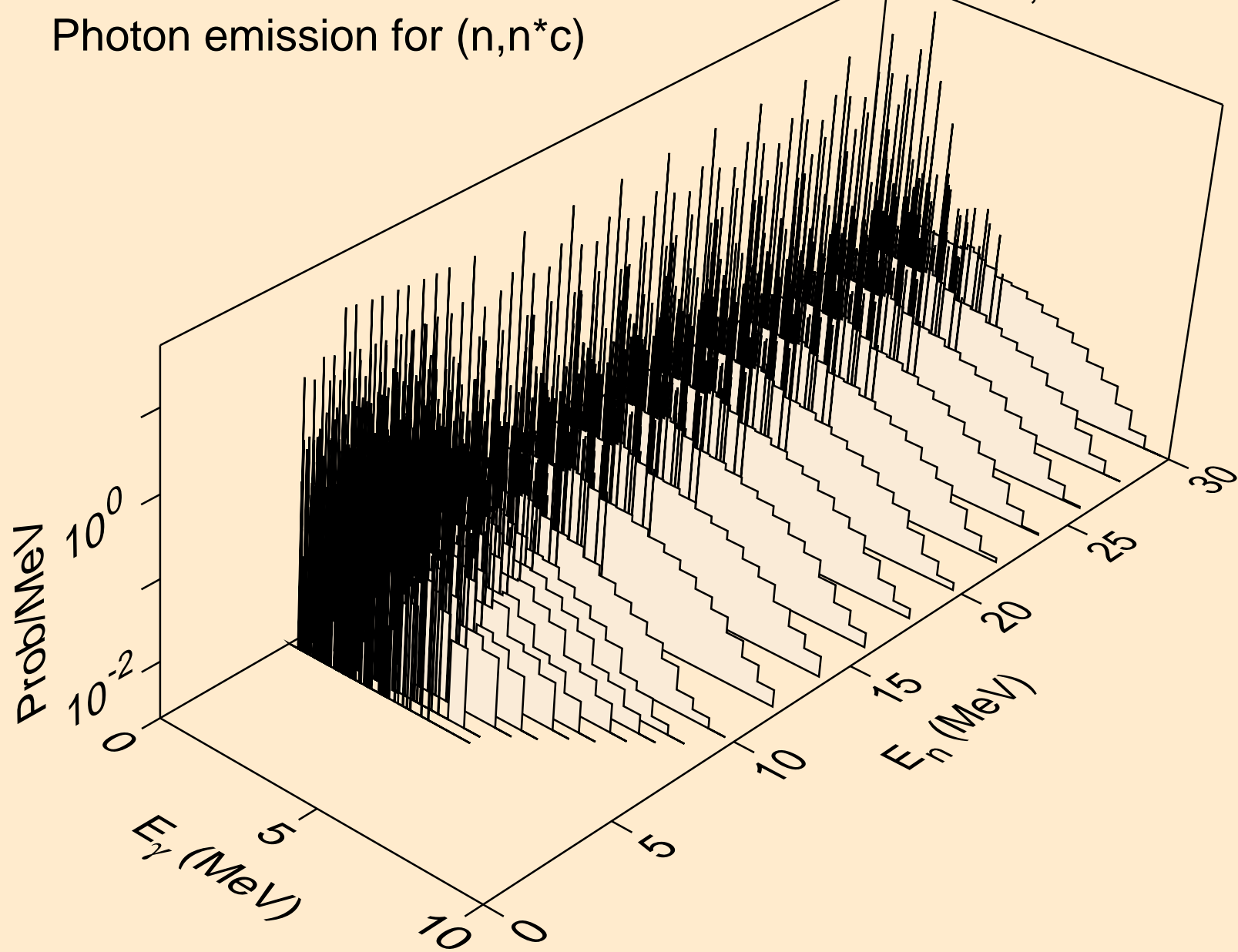
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Photon emission for (n,n2p)



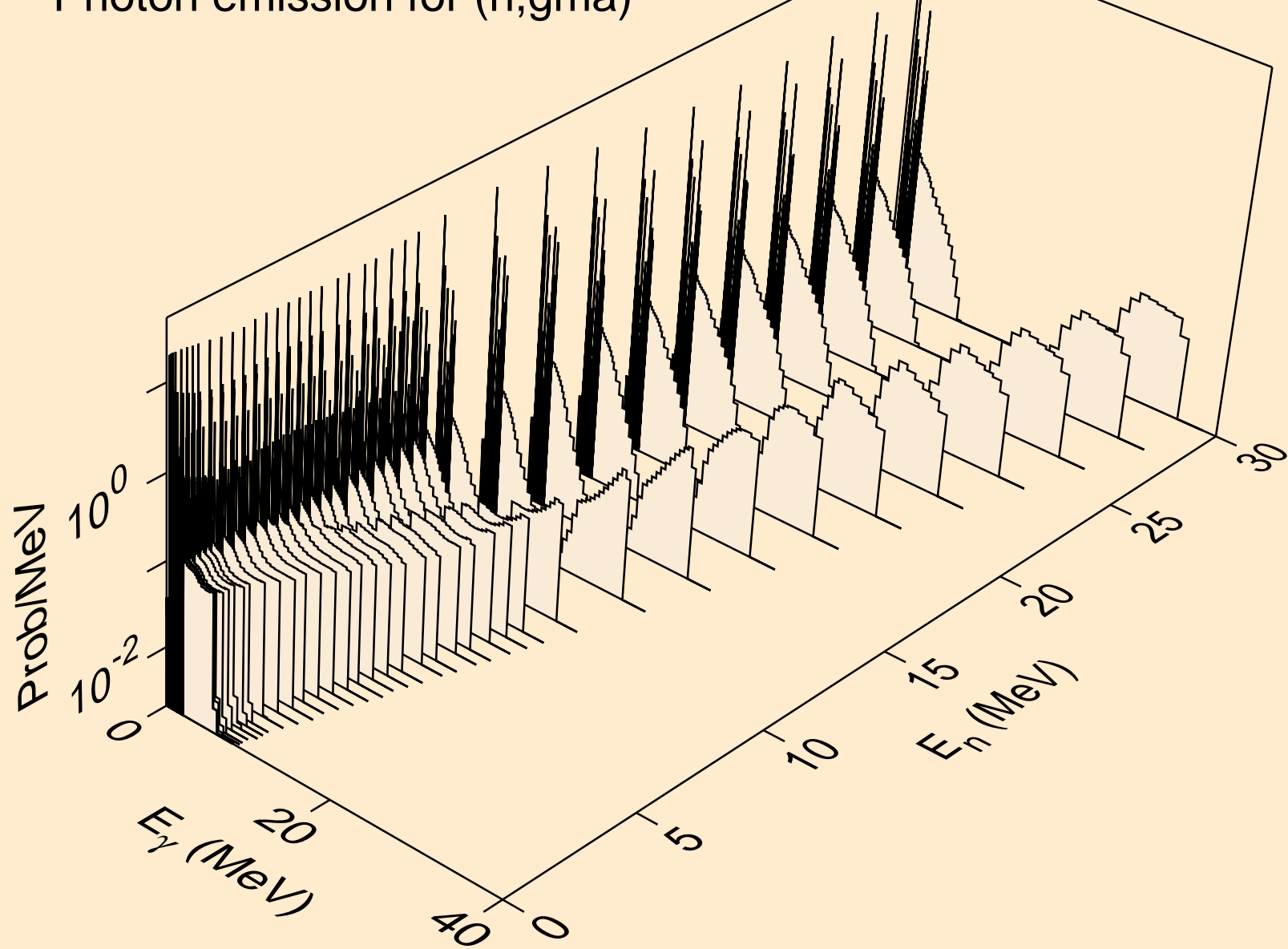
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Photon emission for (n,npa)



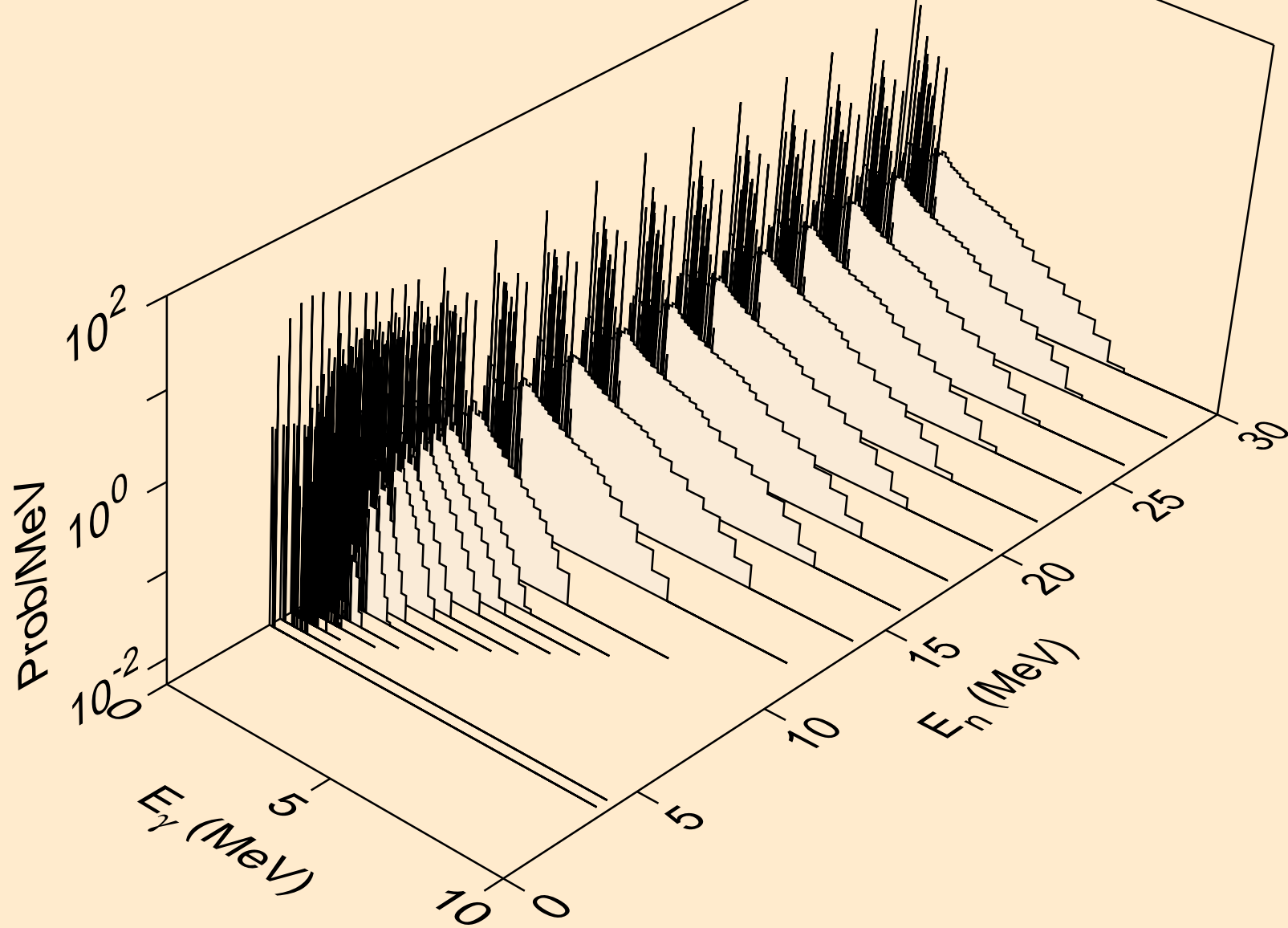
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Photon emission for (n,n\*c)



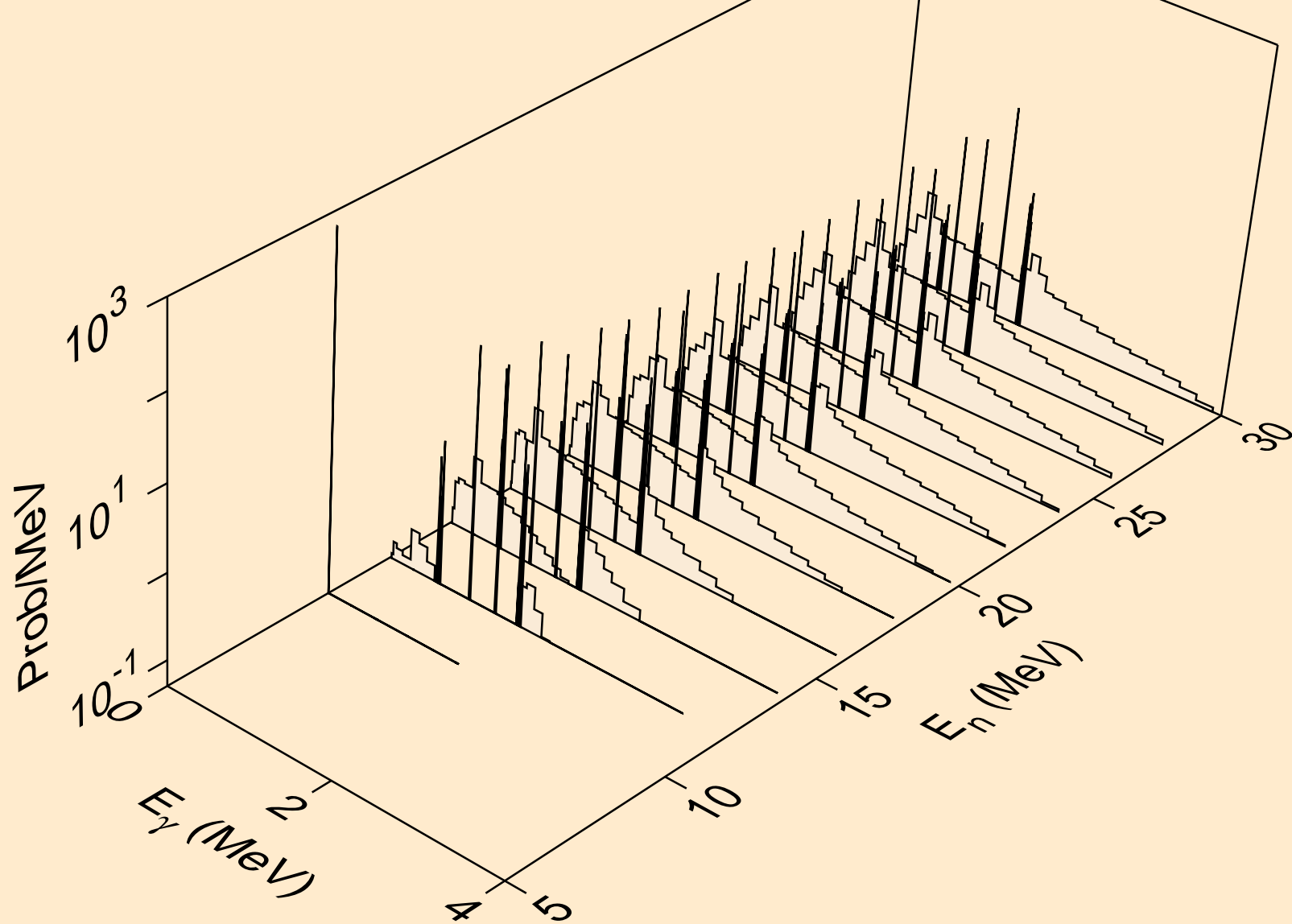
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

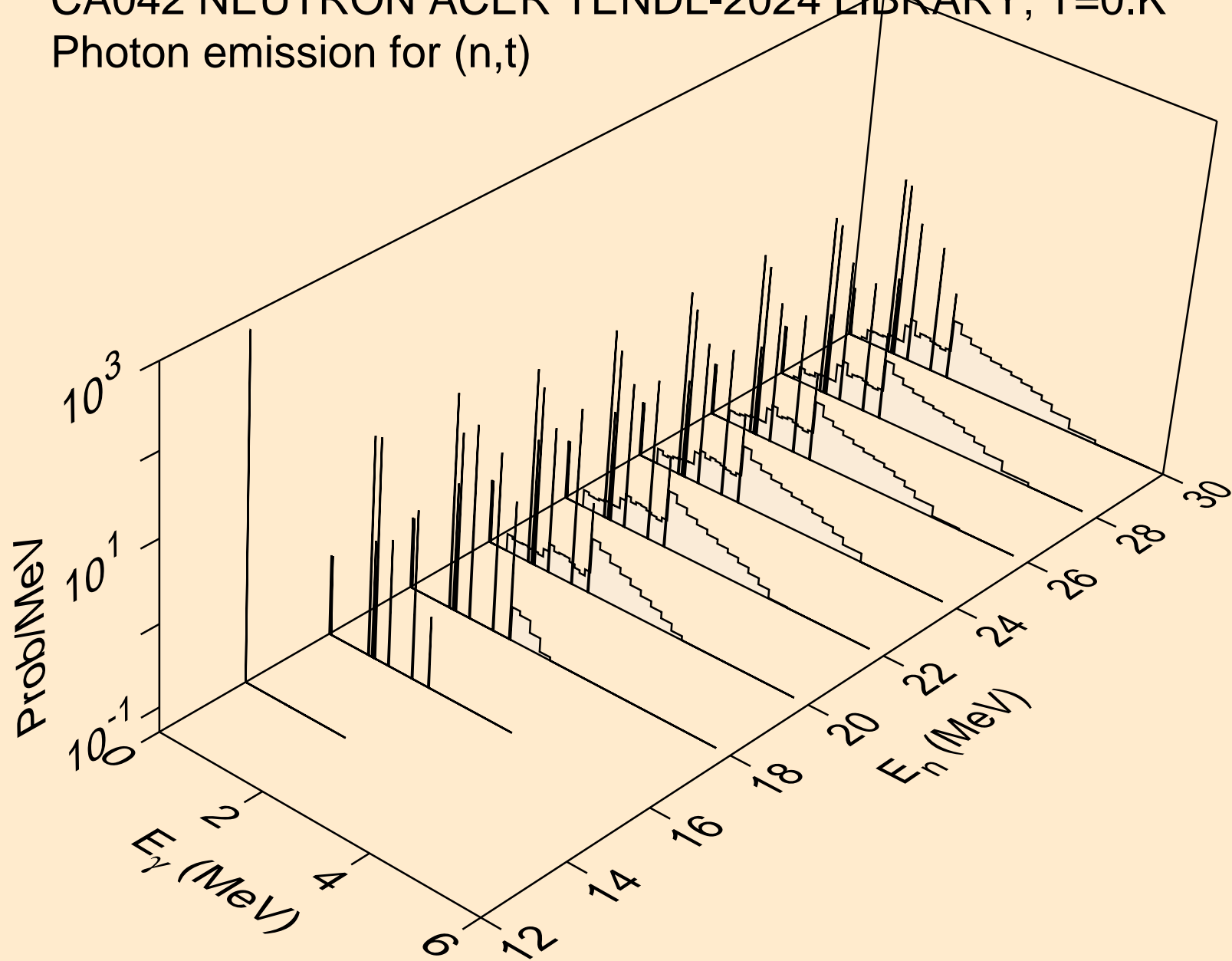


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

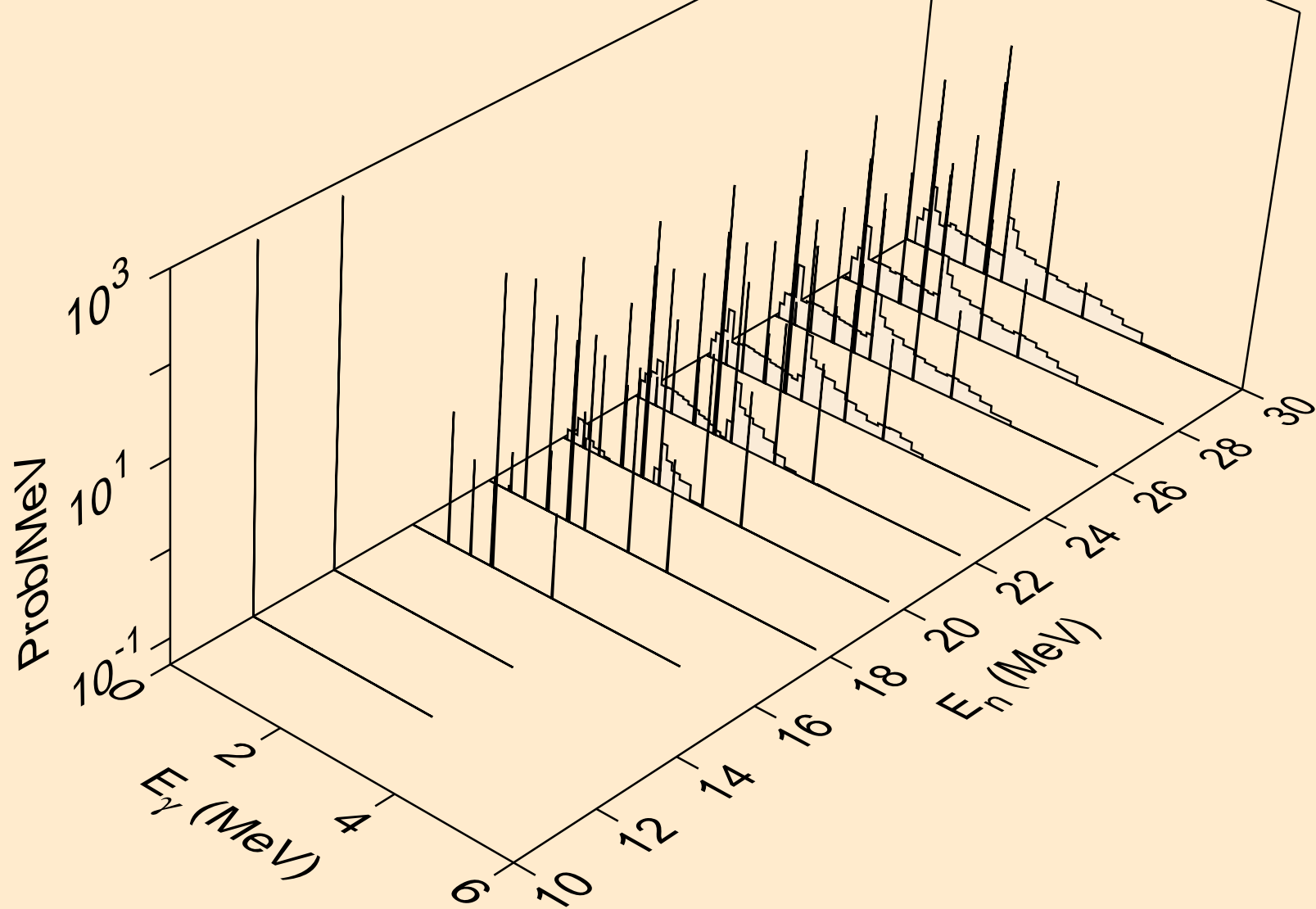




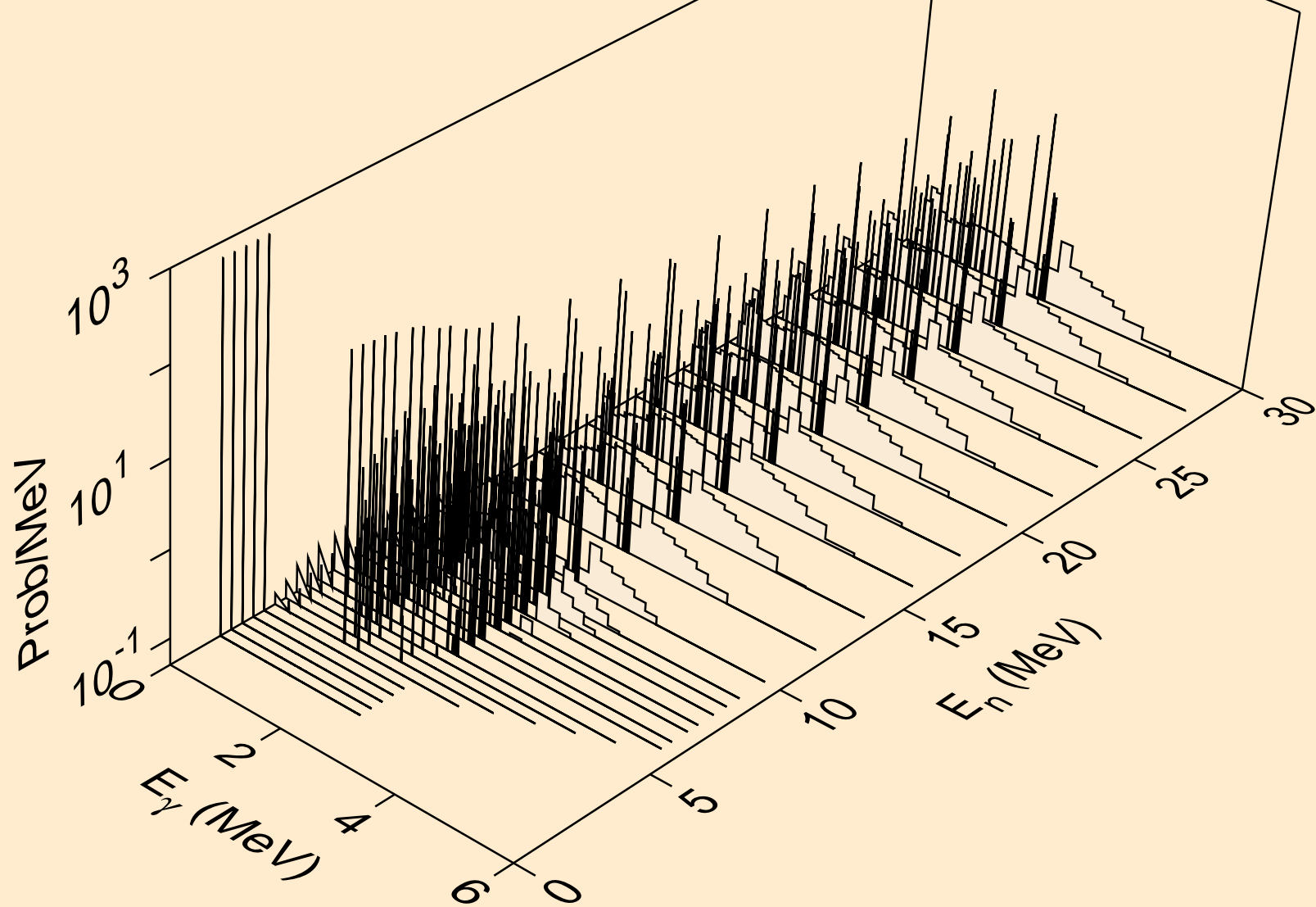
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Photon emission for (n,t)



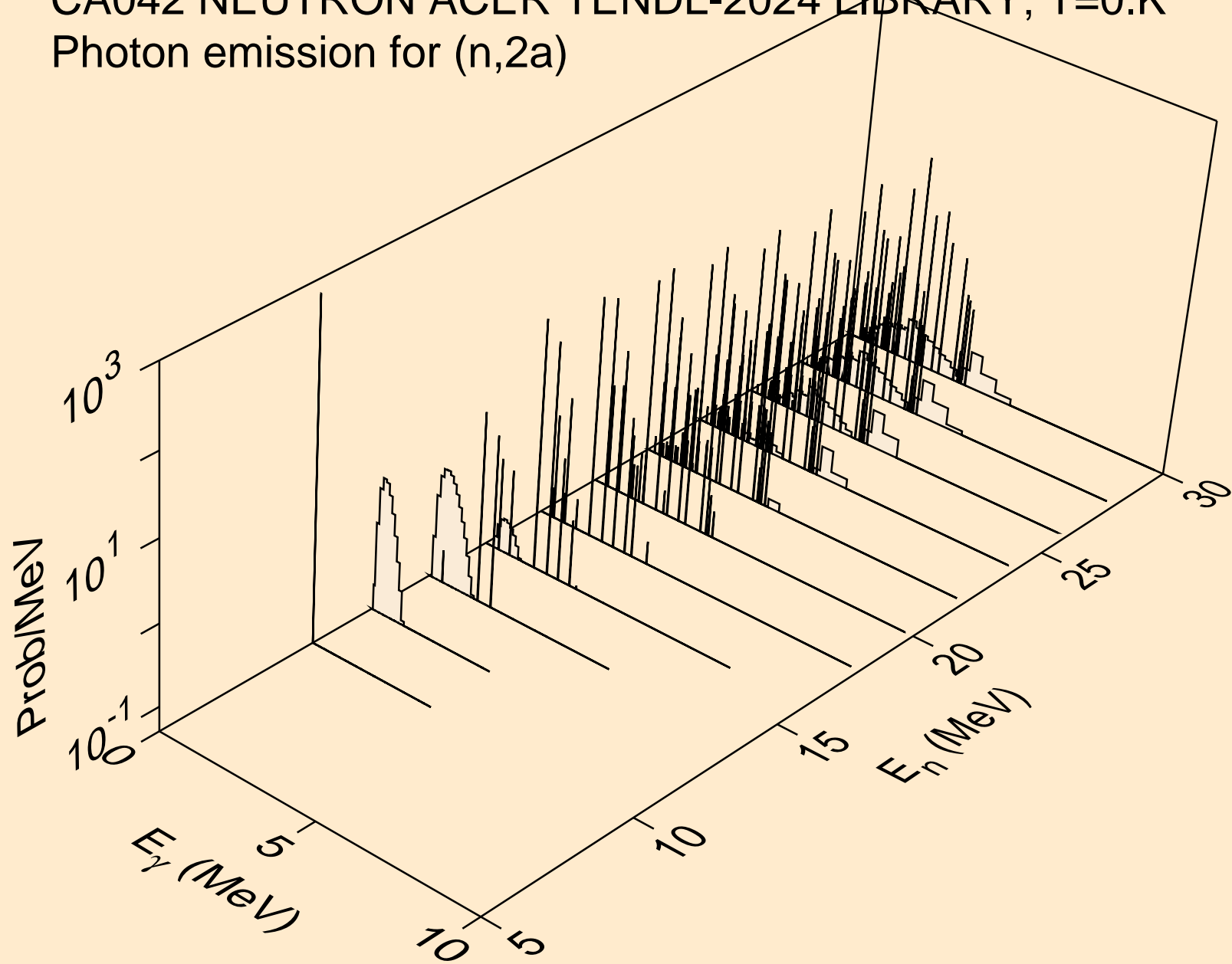
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Photon emission for (n,he3)



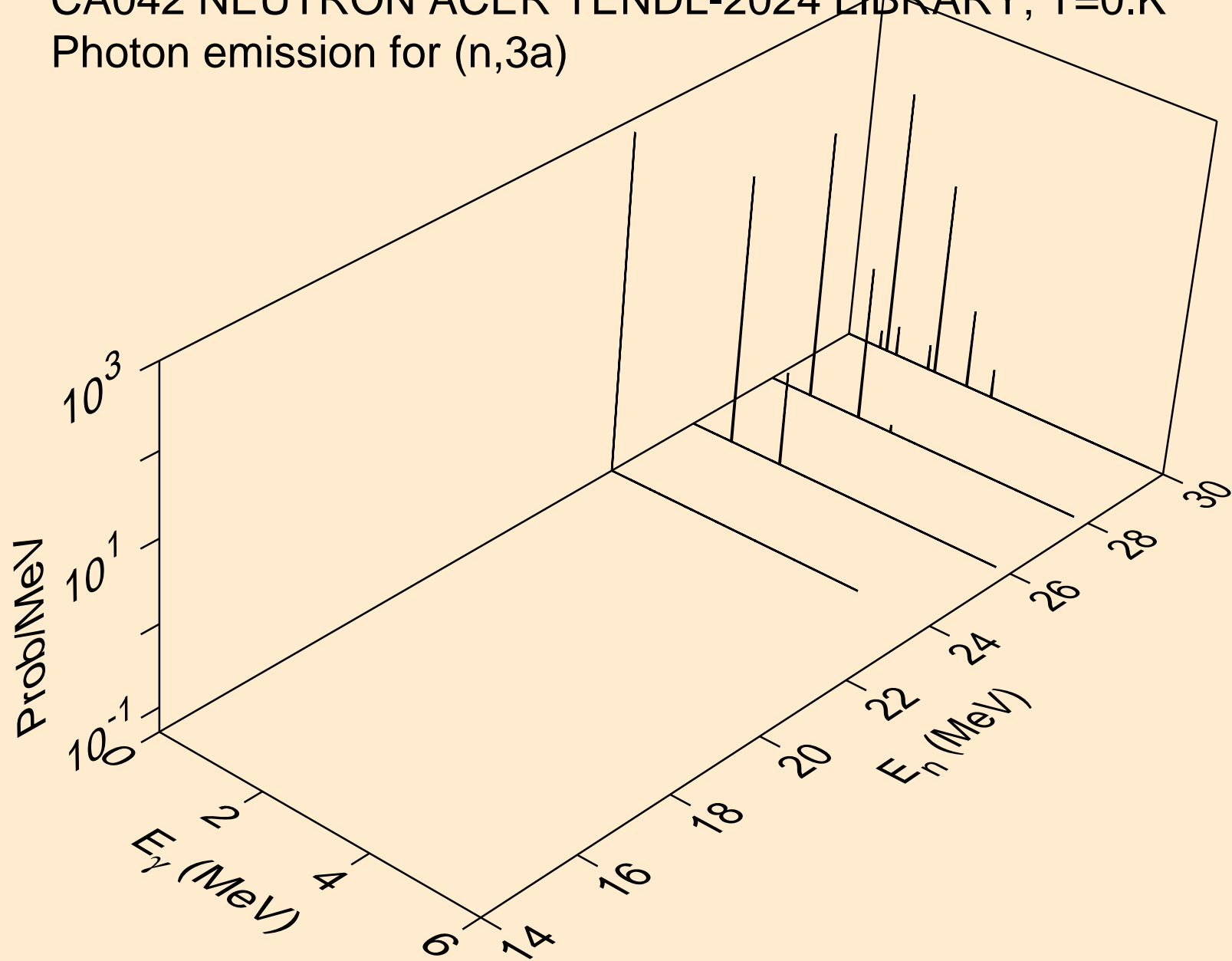
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Photon emission for (n,a)



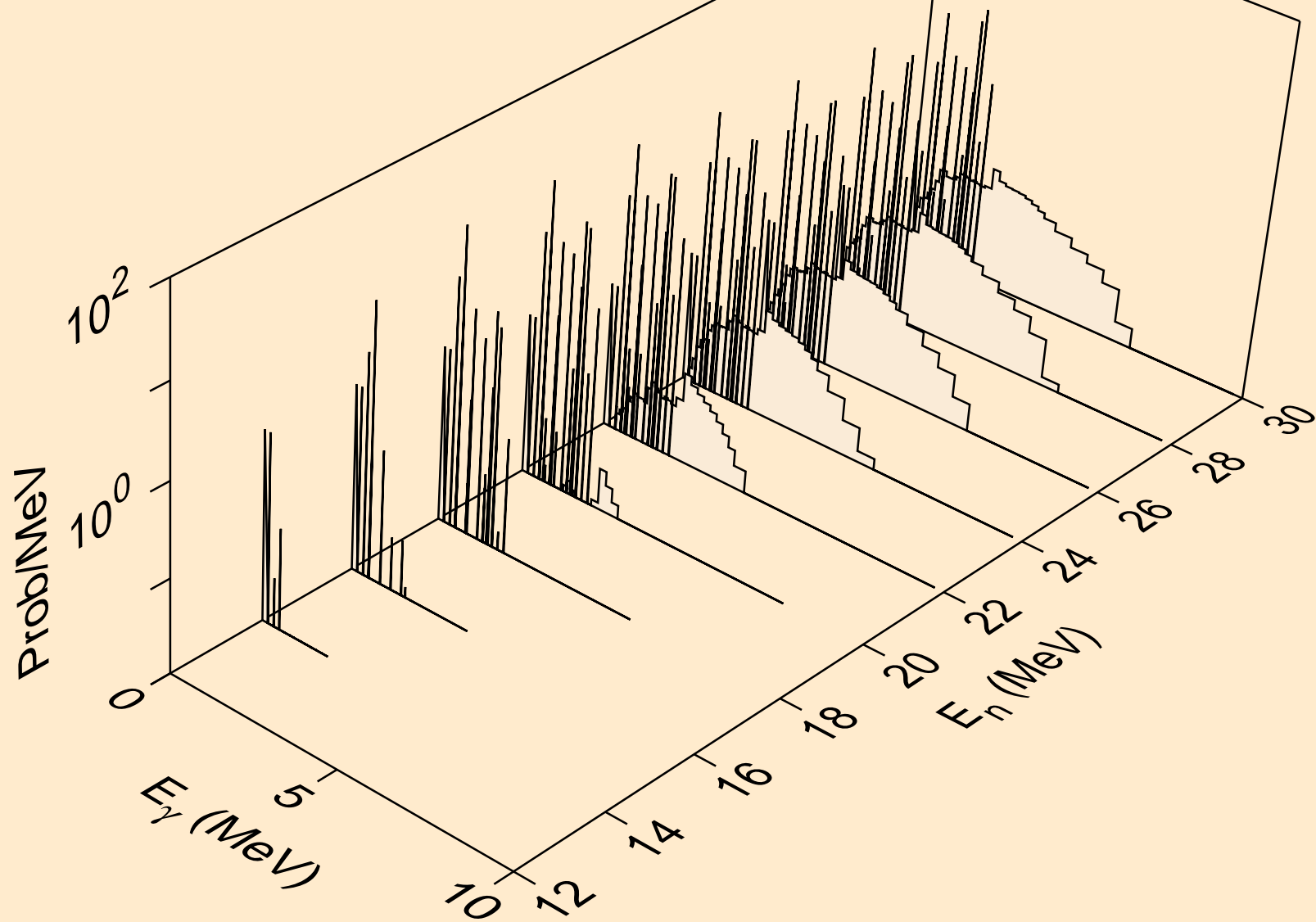
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Photon emission for (n,2a)



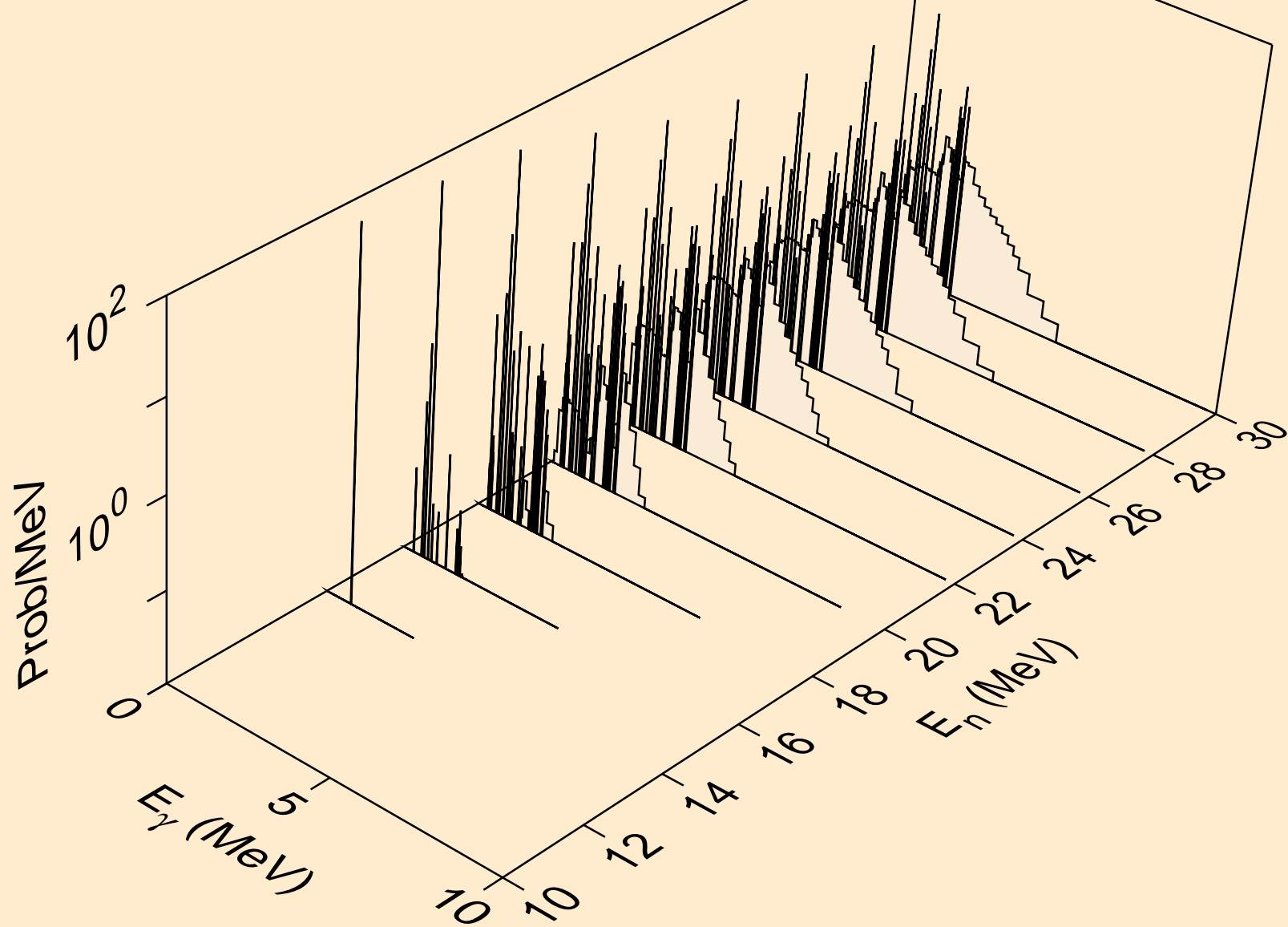
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Photon emission for (n,3a)



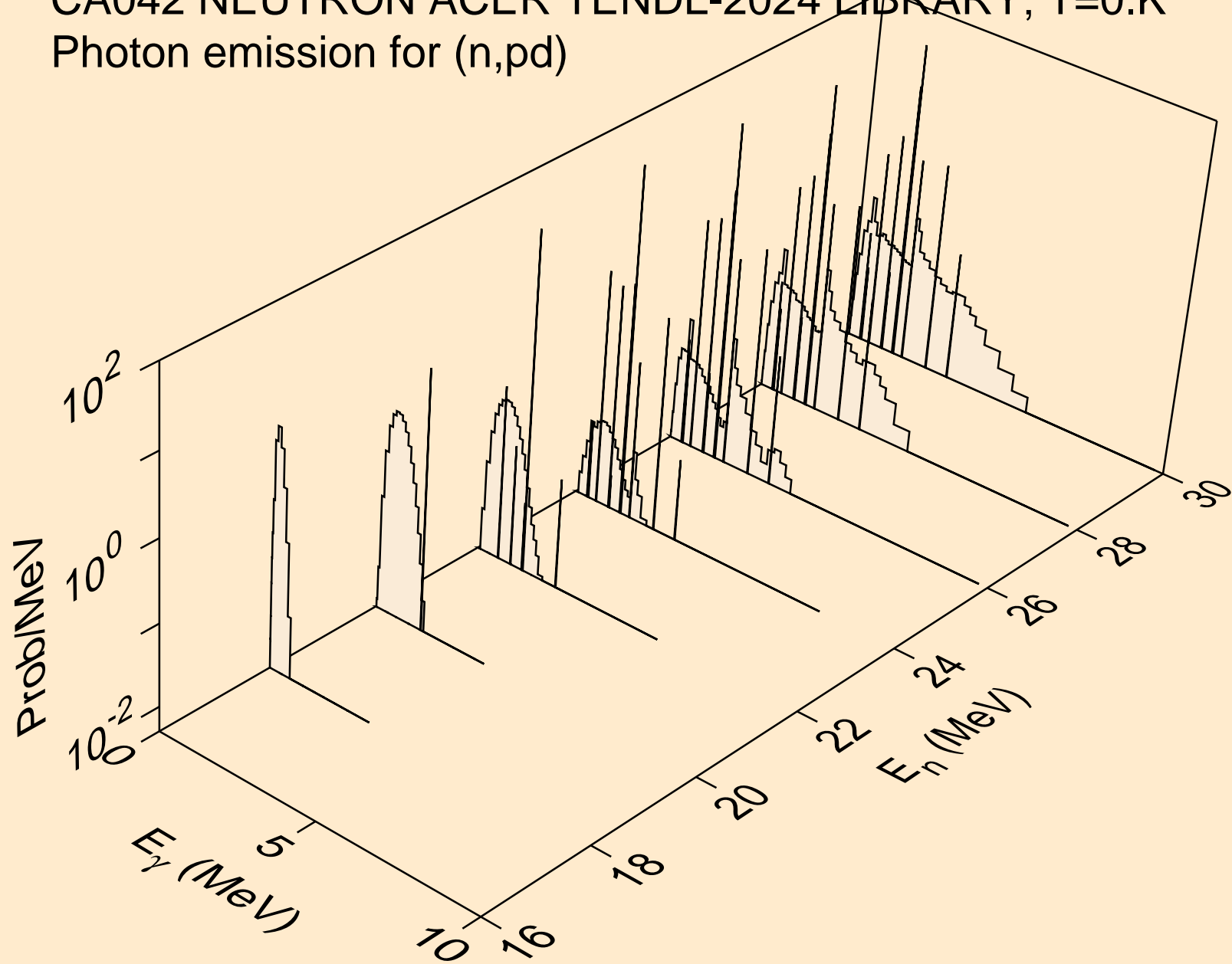
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

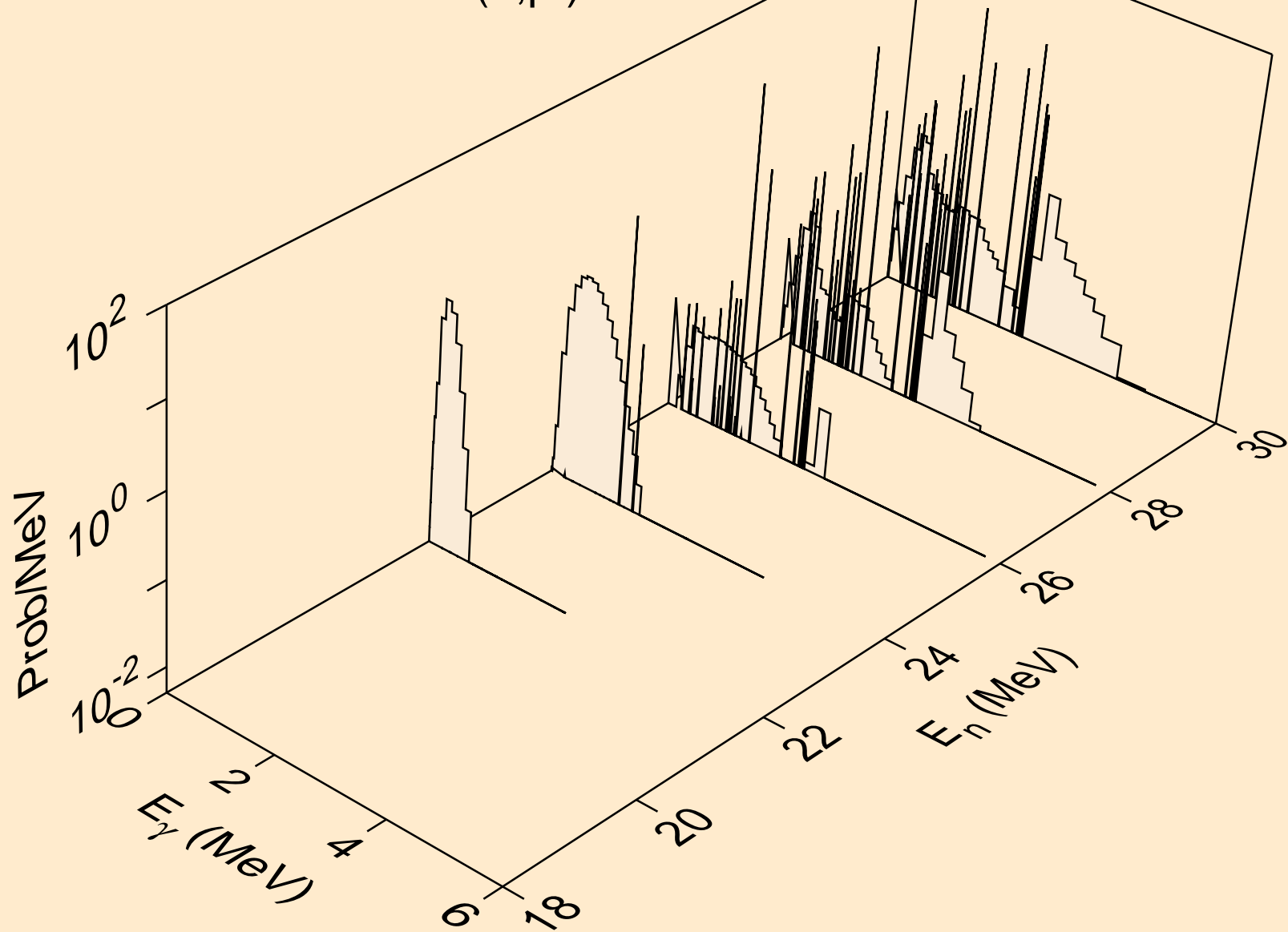


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

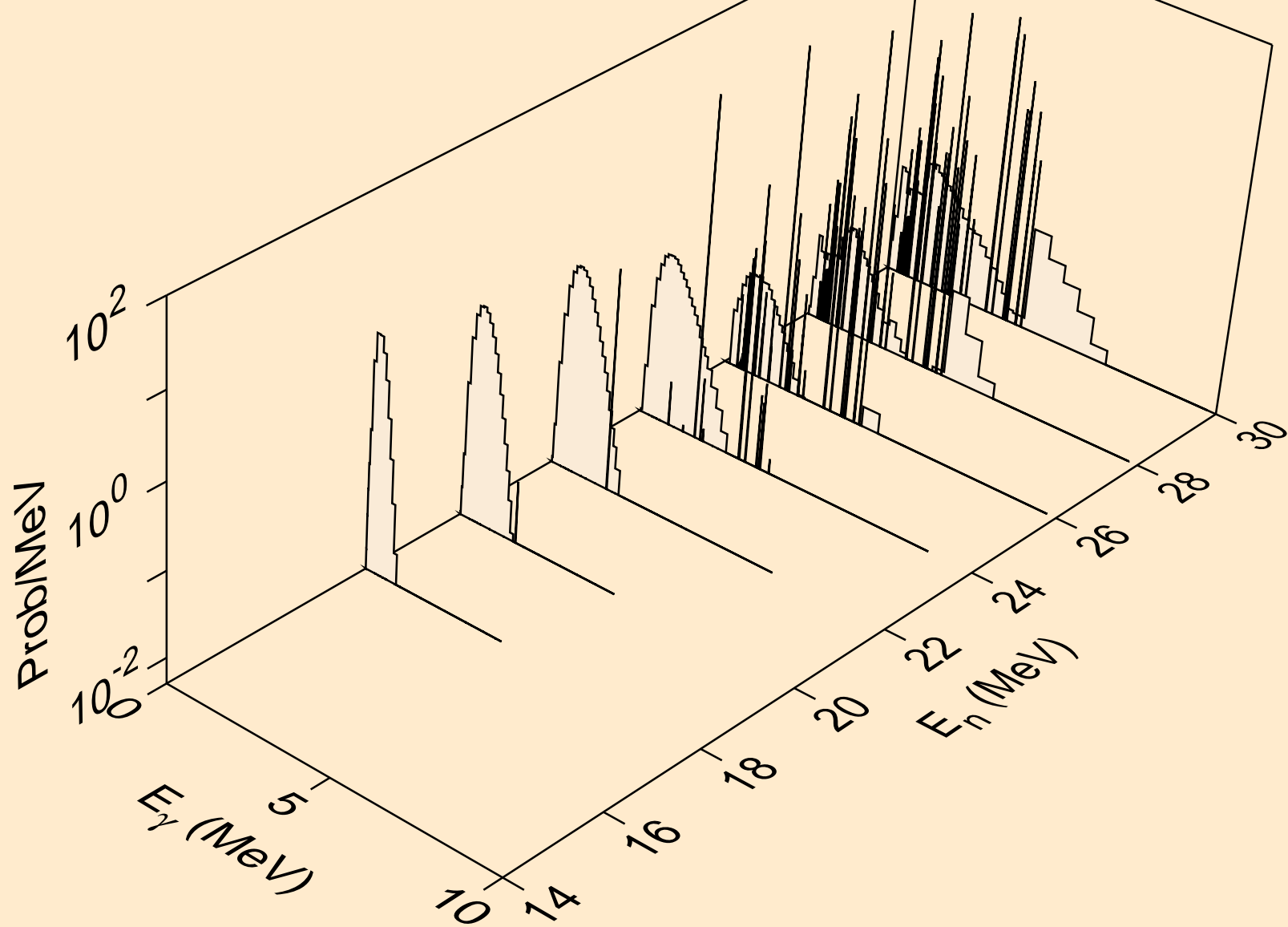




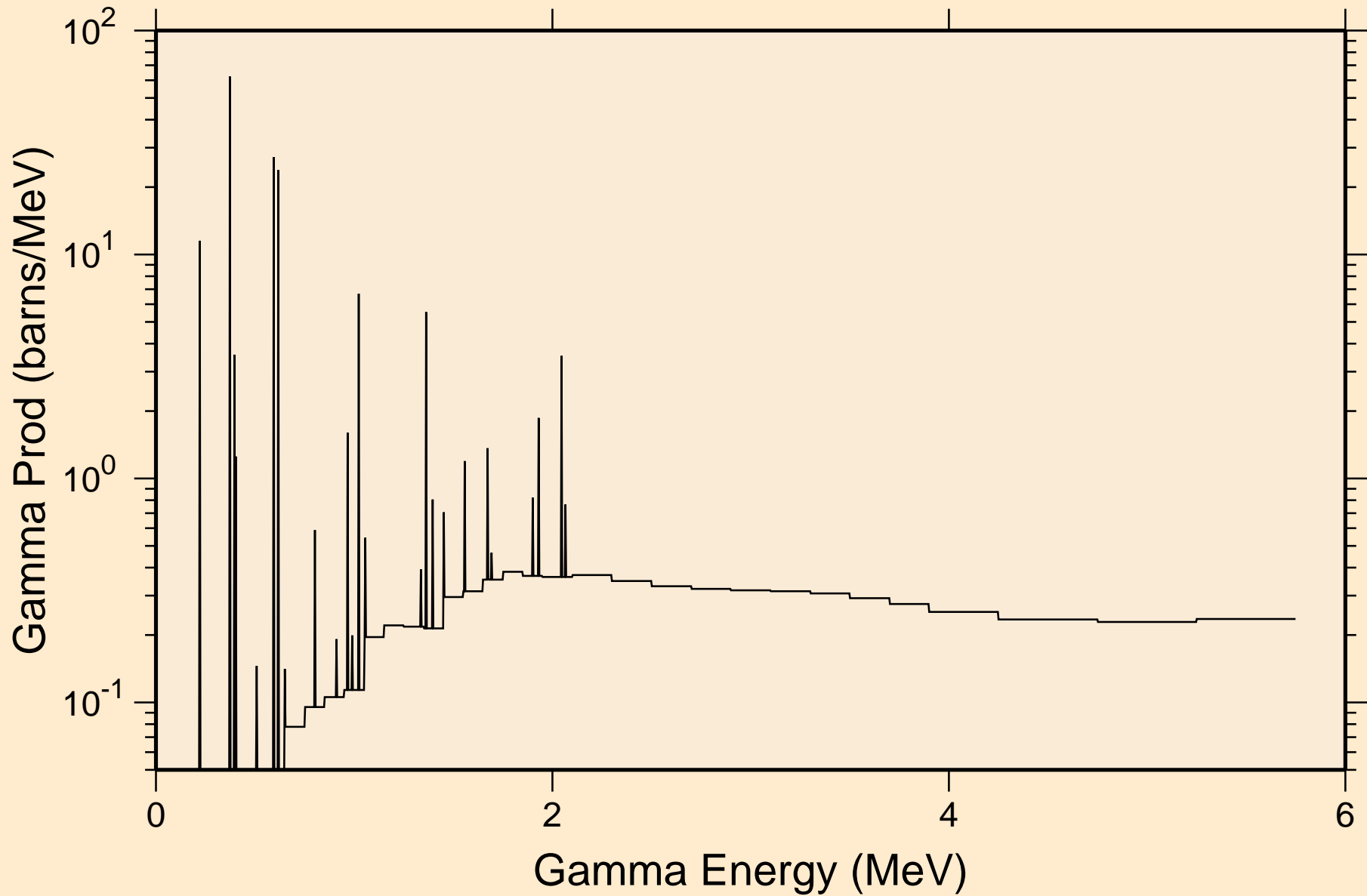
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



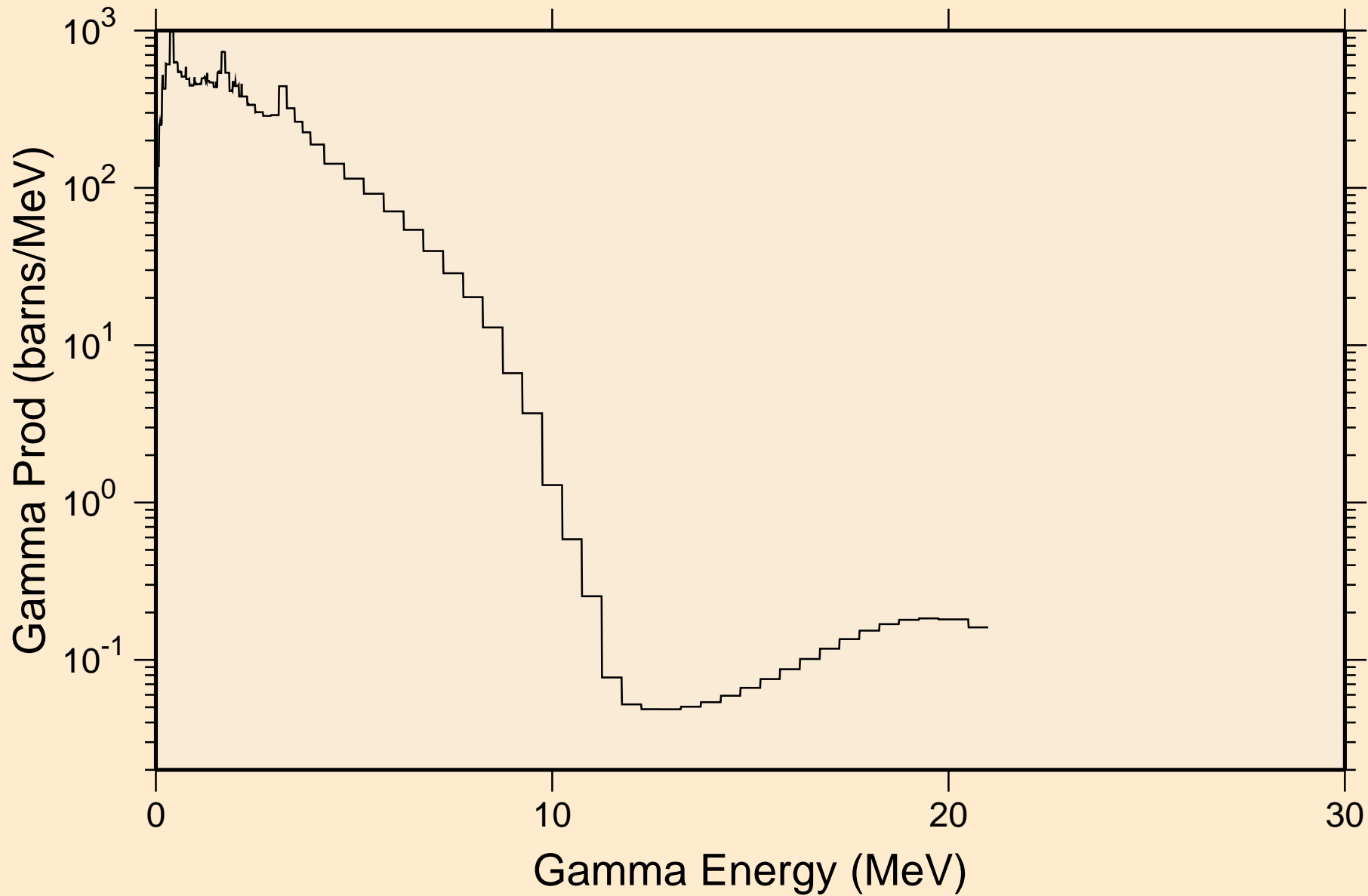
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



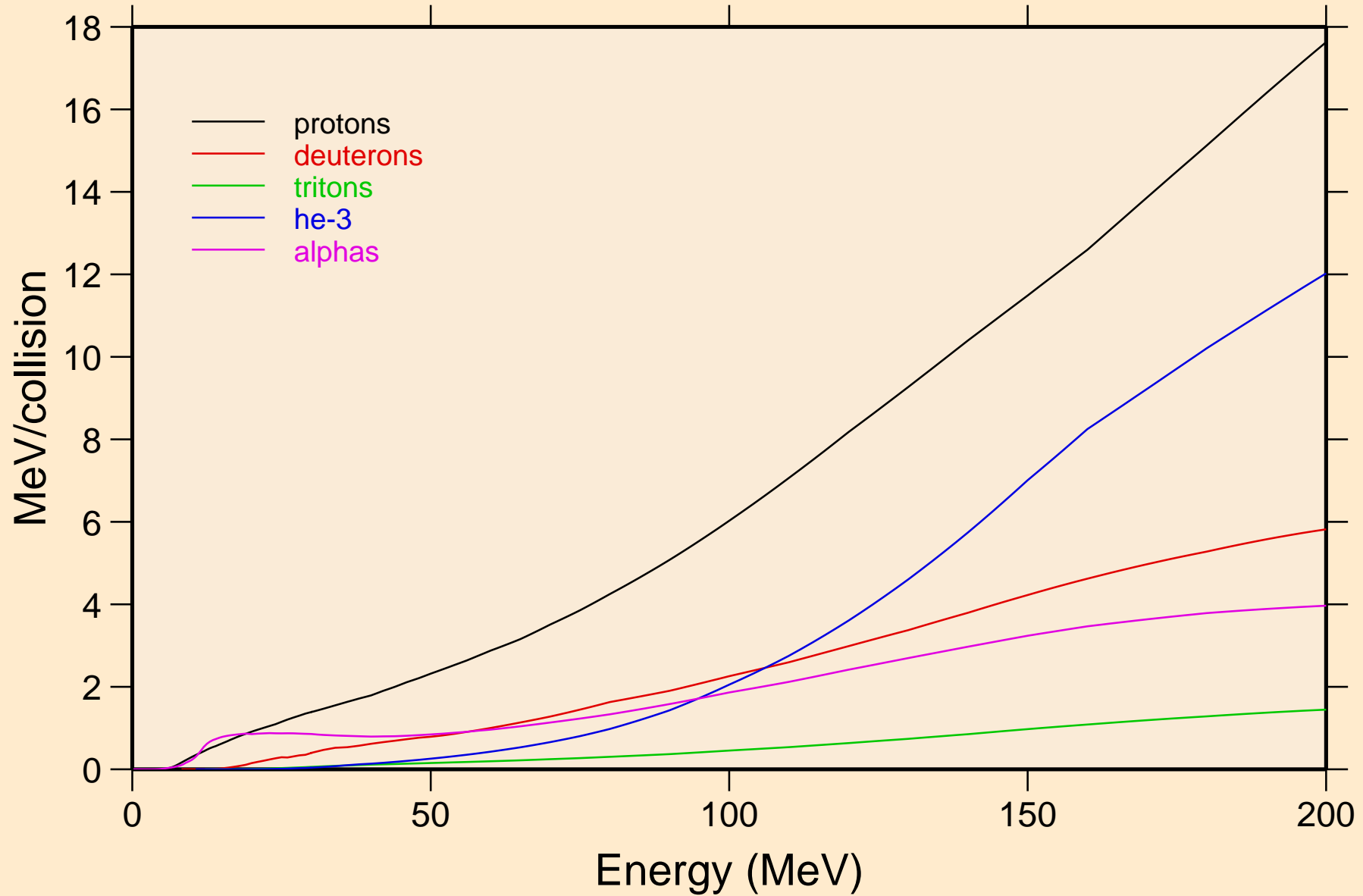
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



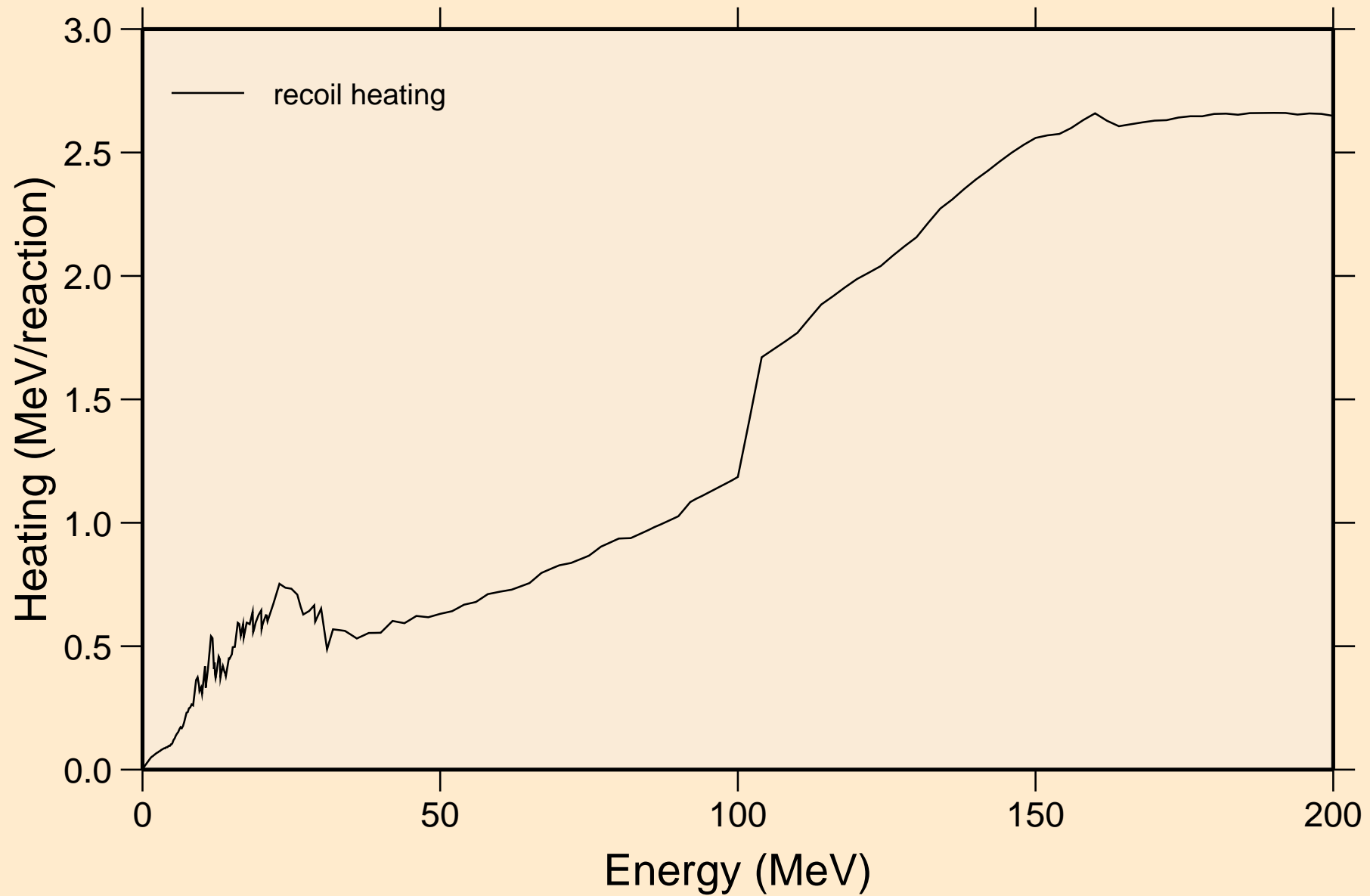
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14 MeV photon spectrum



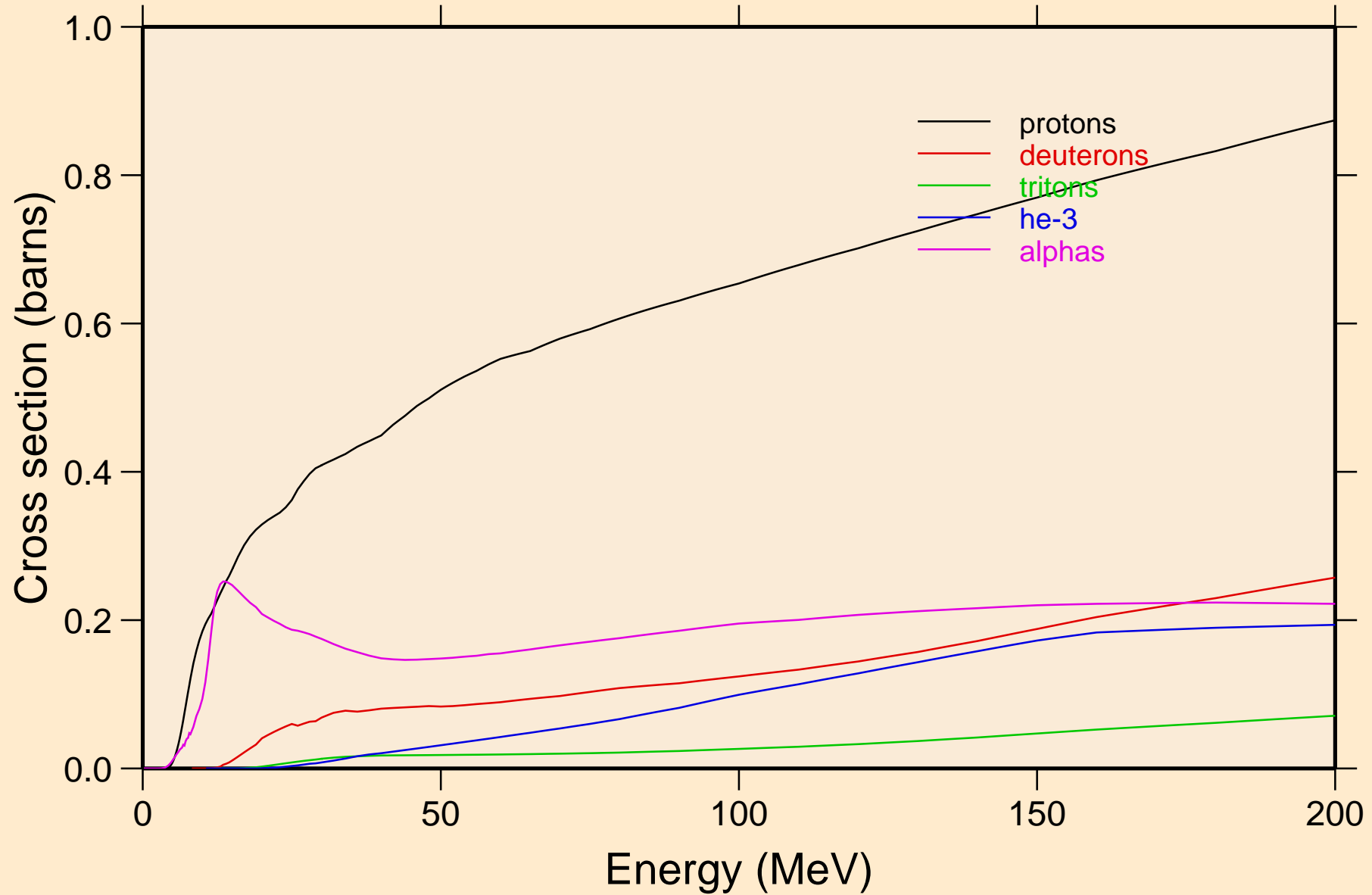
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



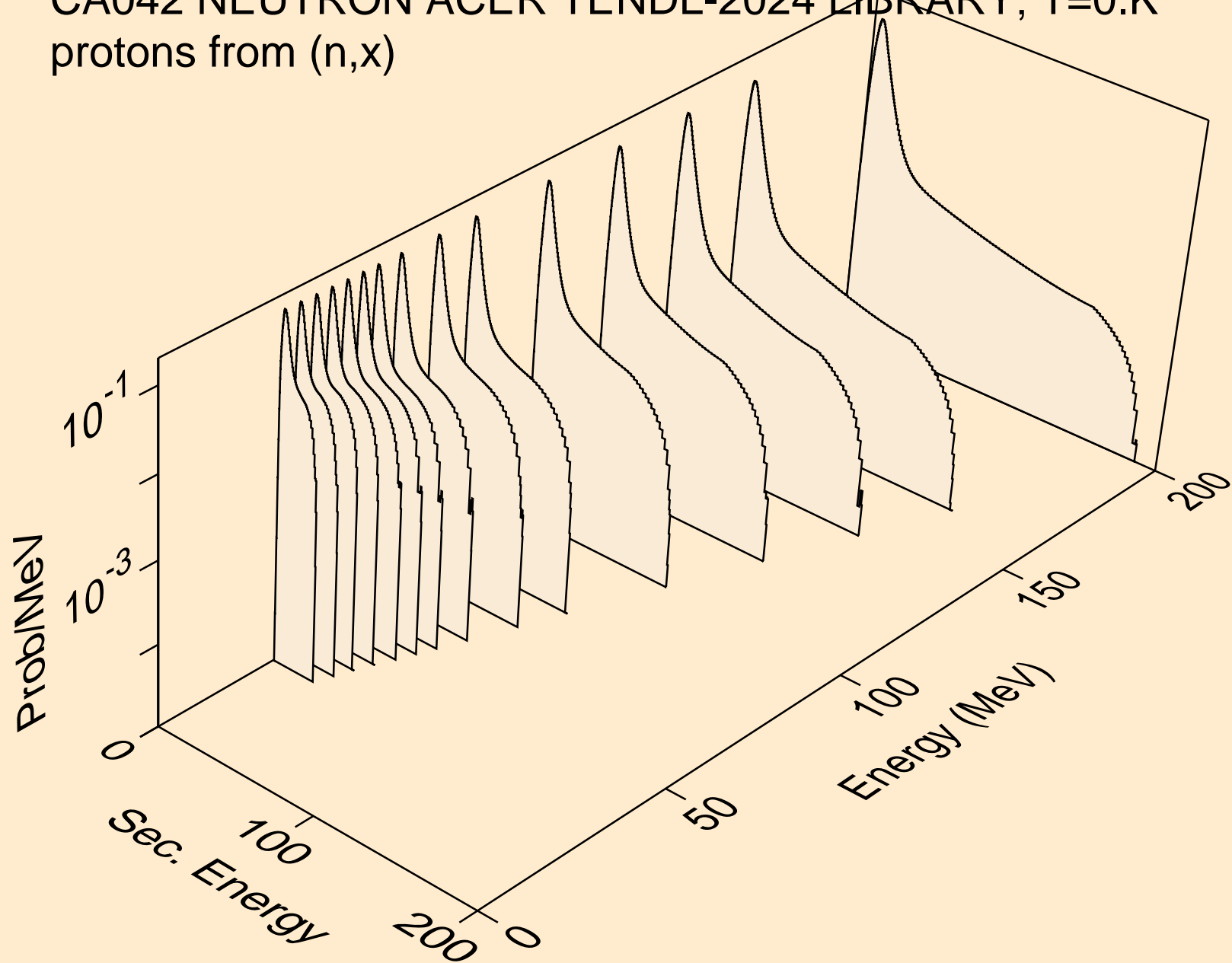
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

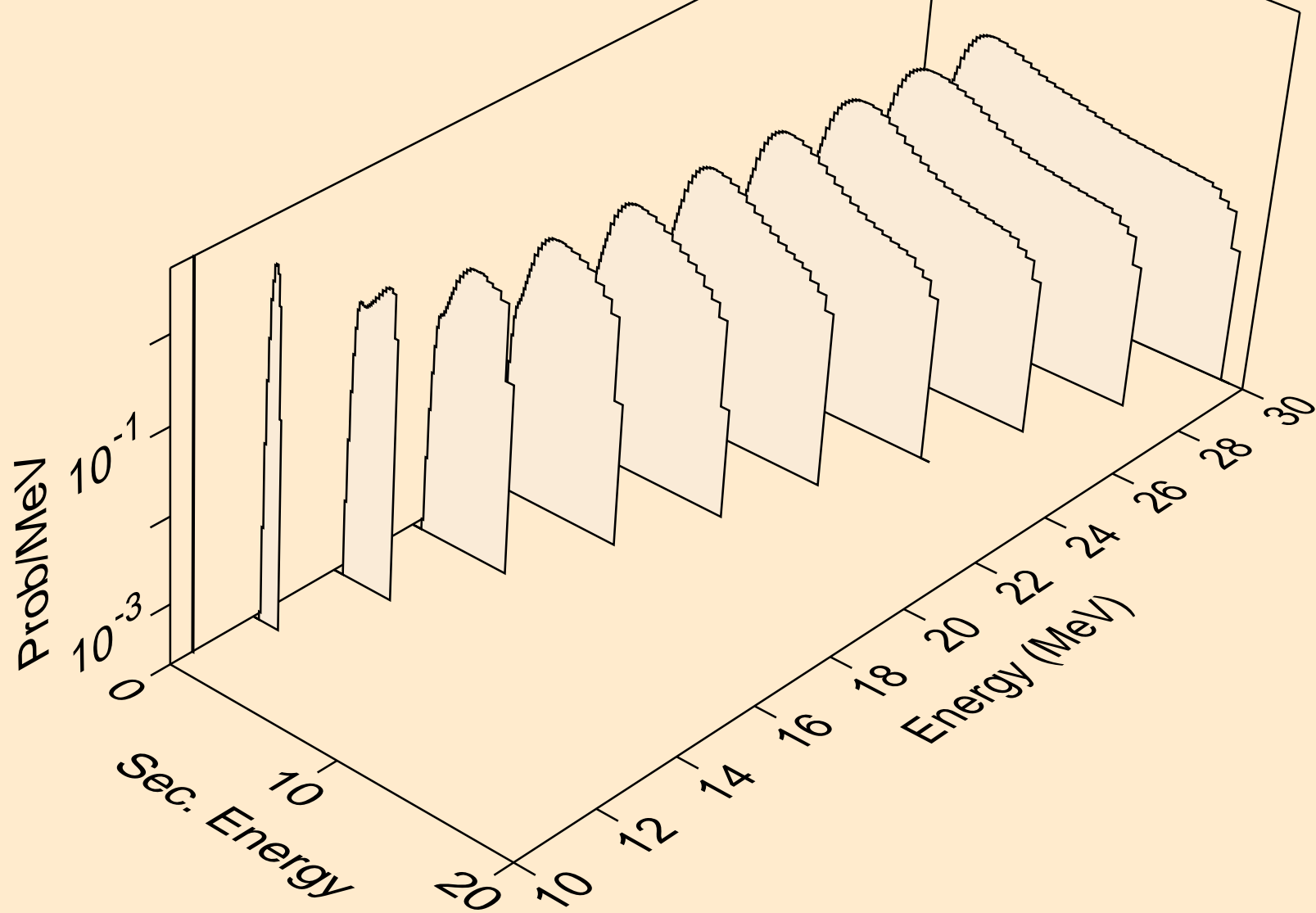


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

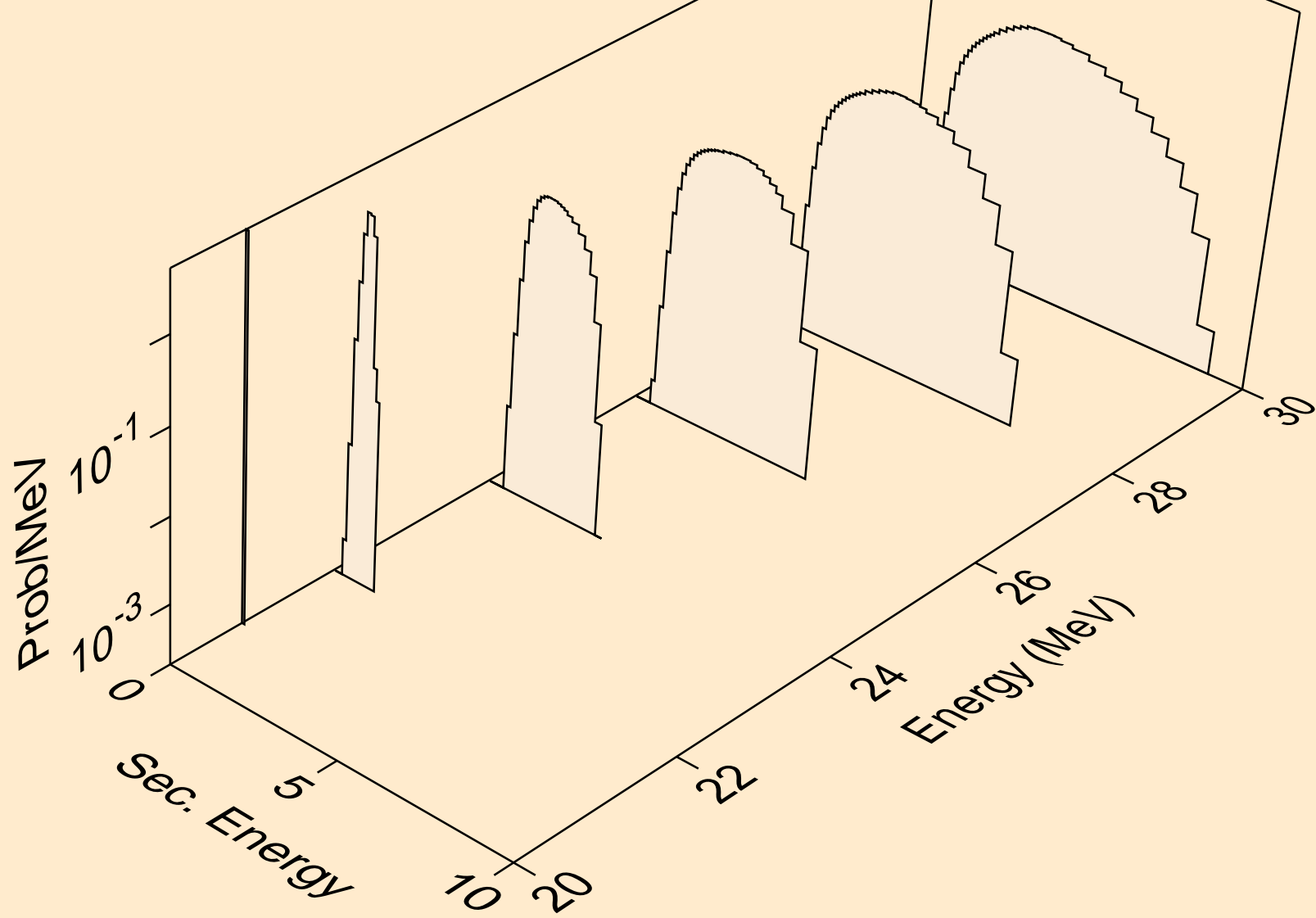




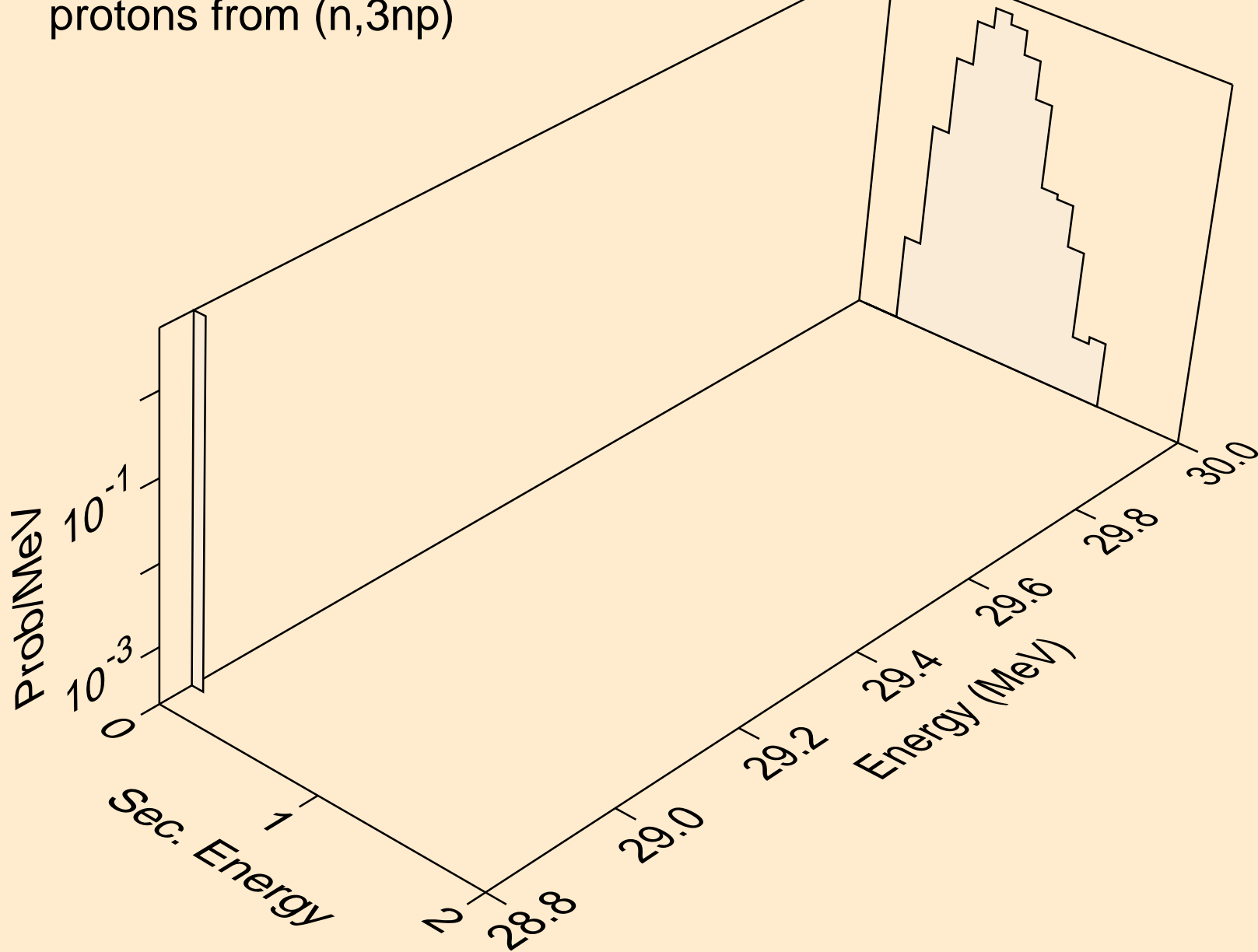
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protons from (n,n\*)p



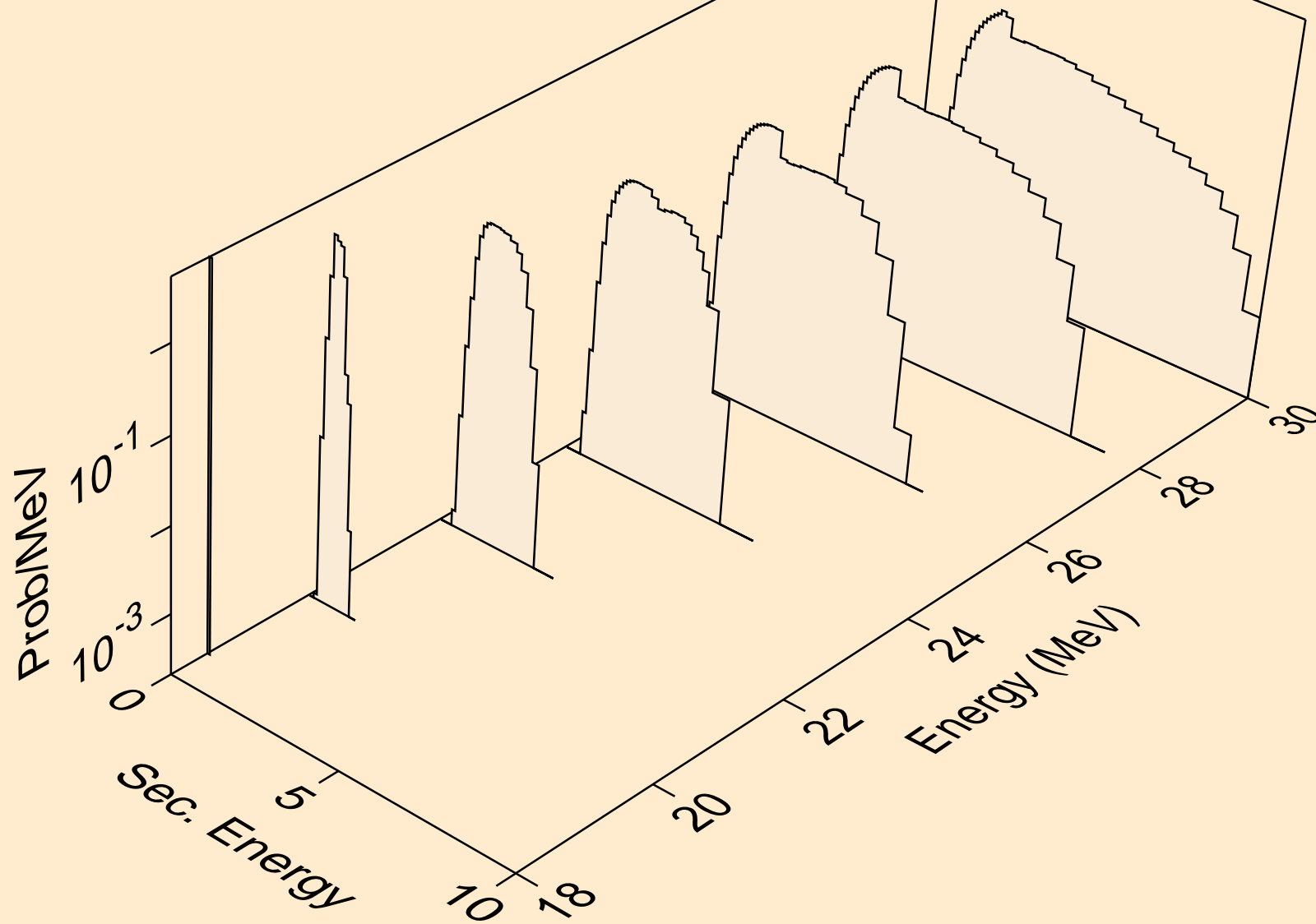
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protons from (n,2np)



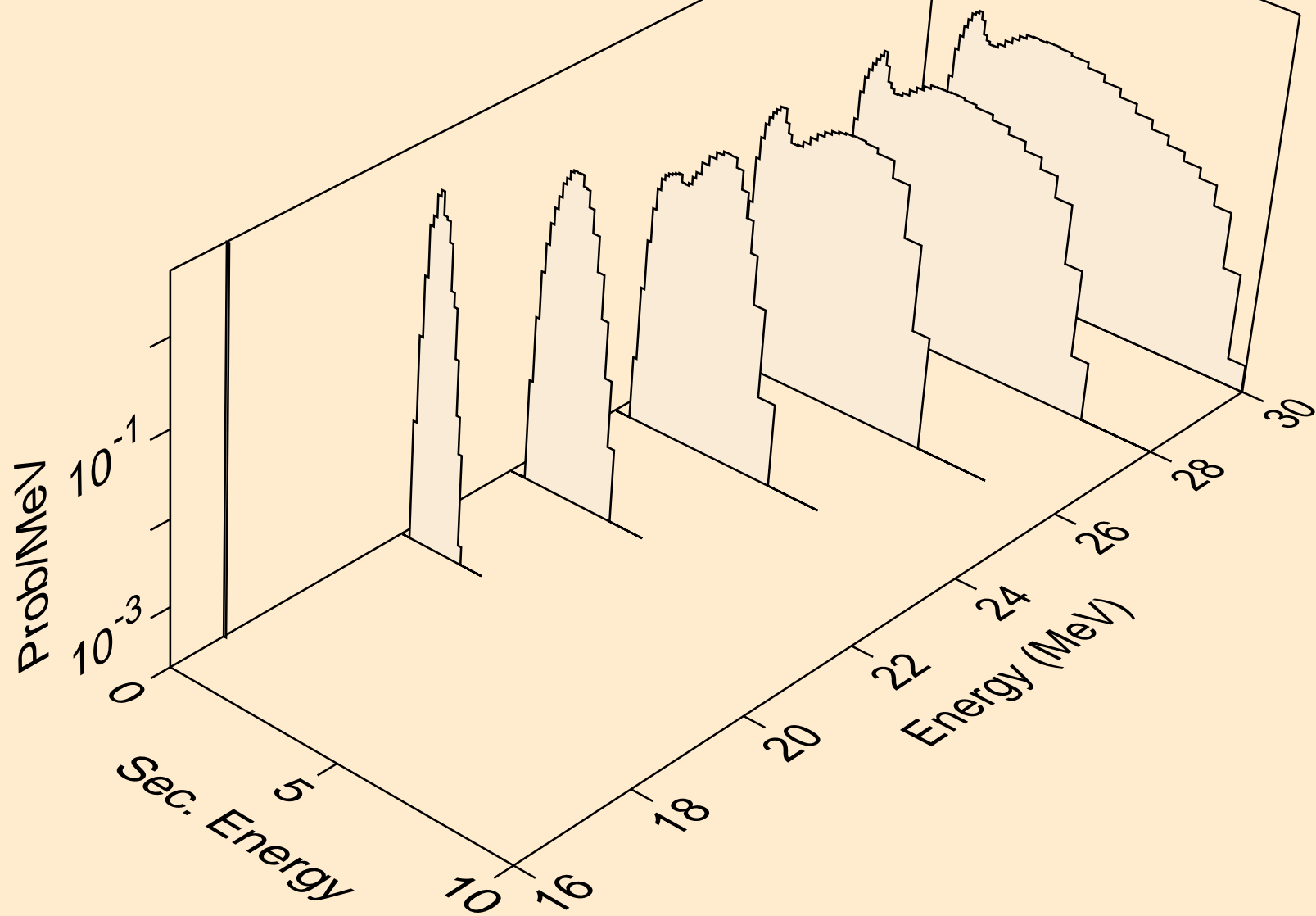
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protons from (n,3np)



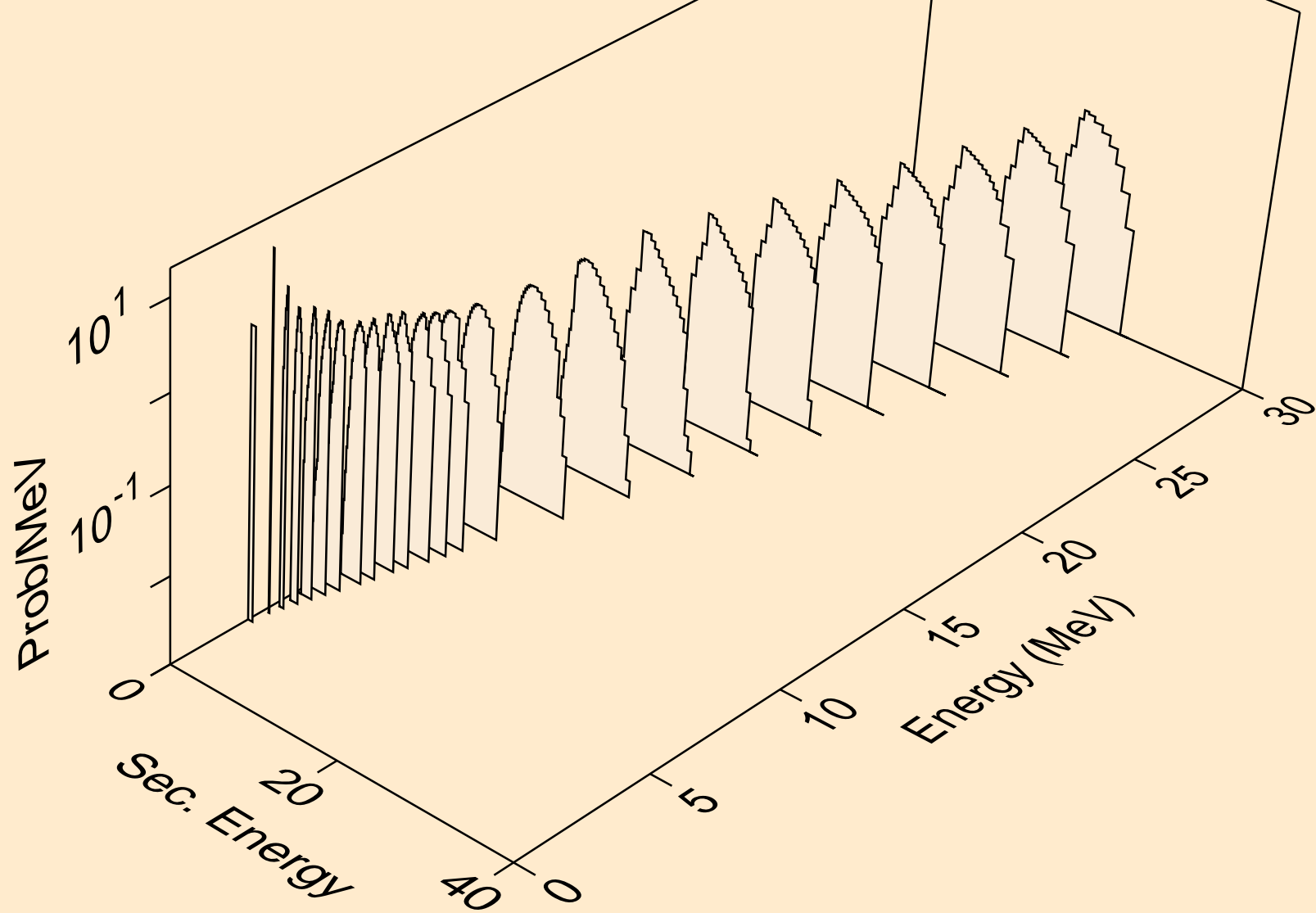
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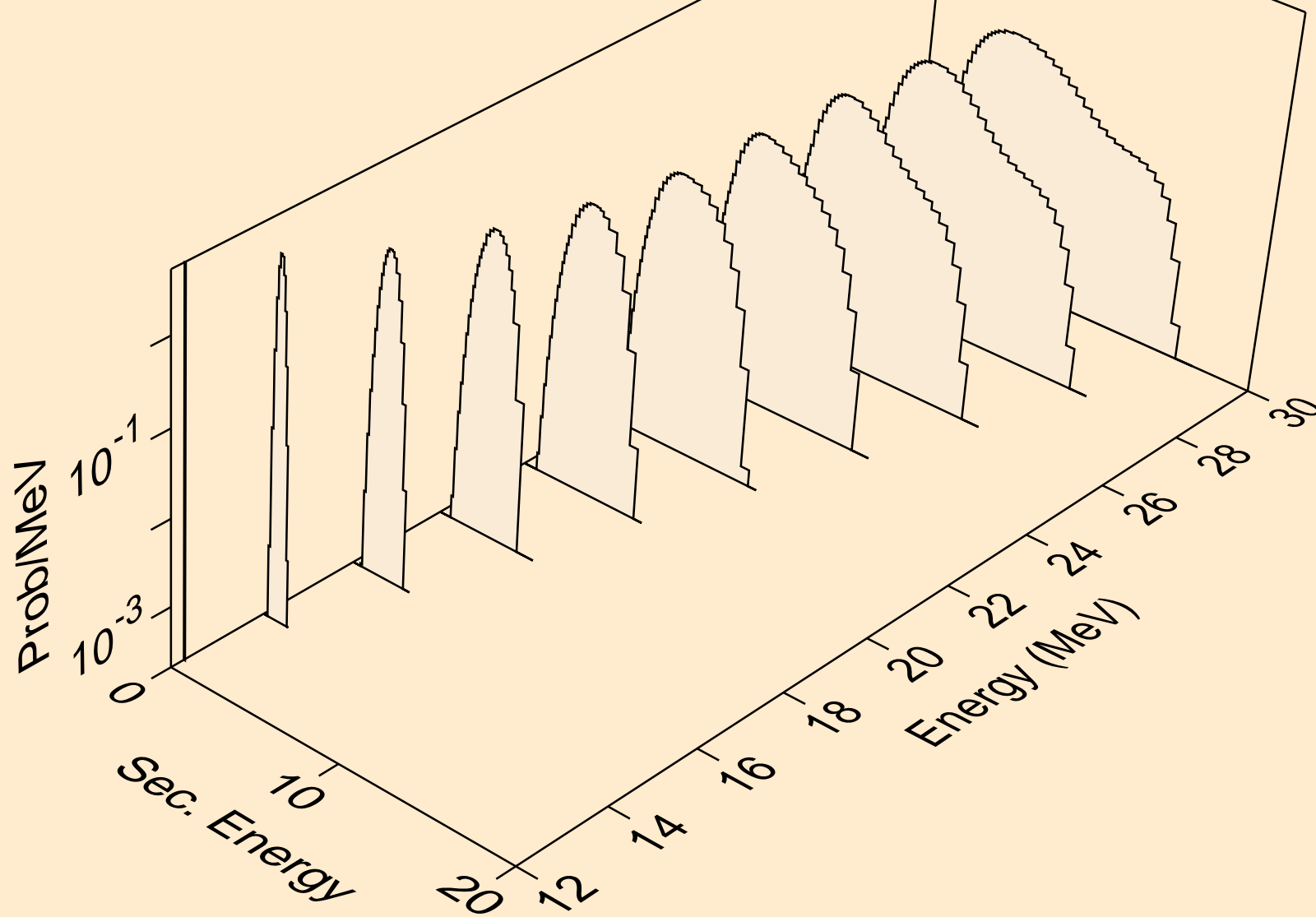
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protons from (n,npa)



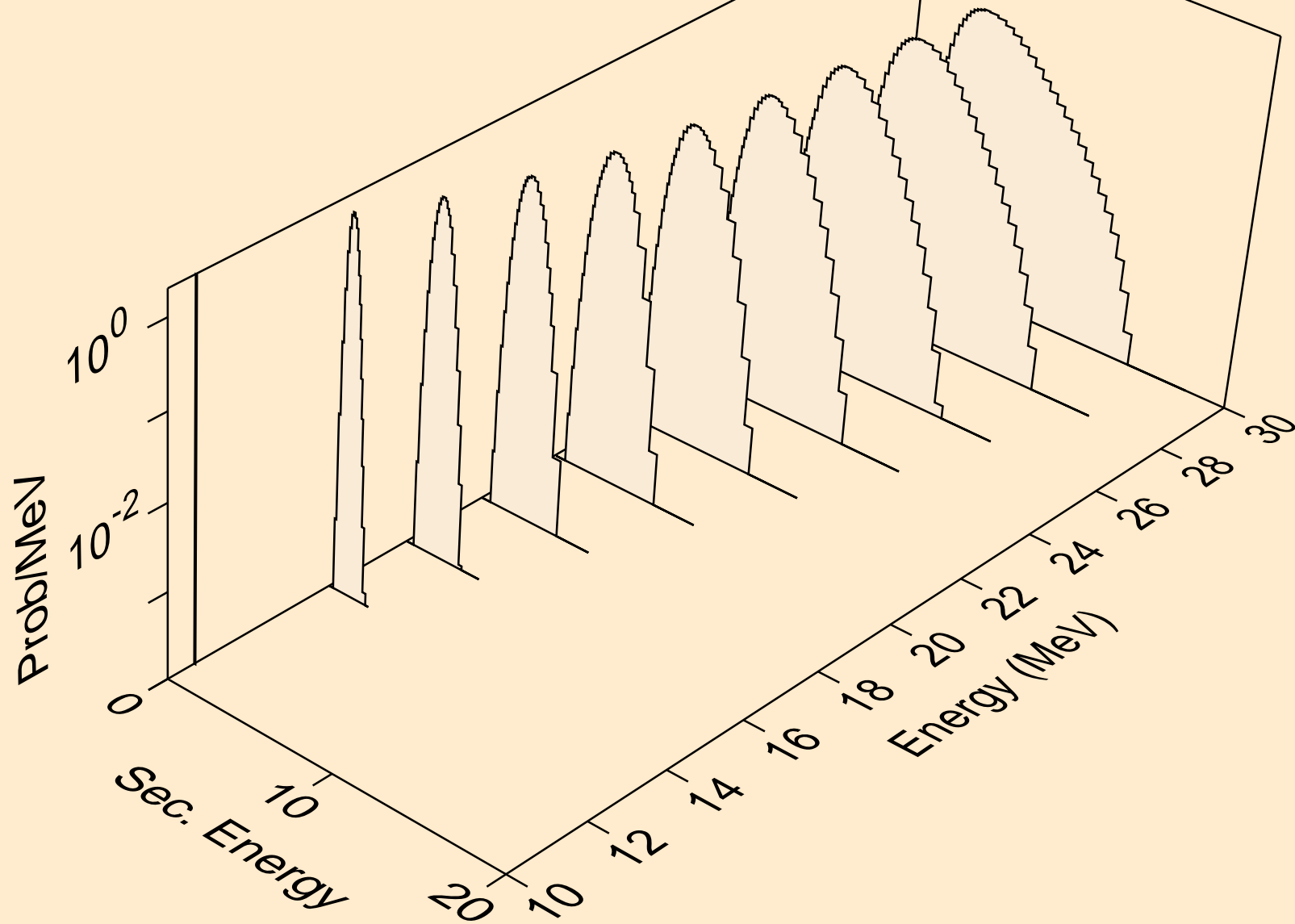
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protons from (n,p)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

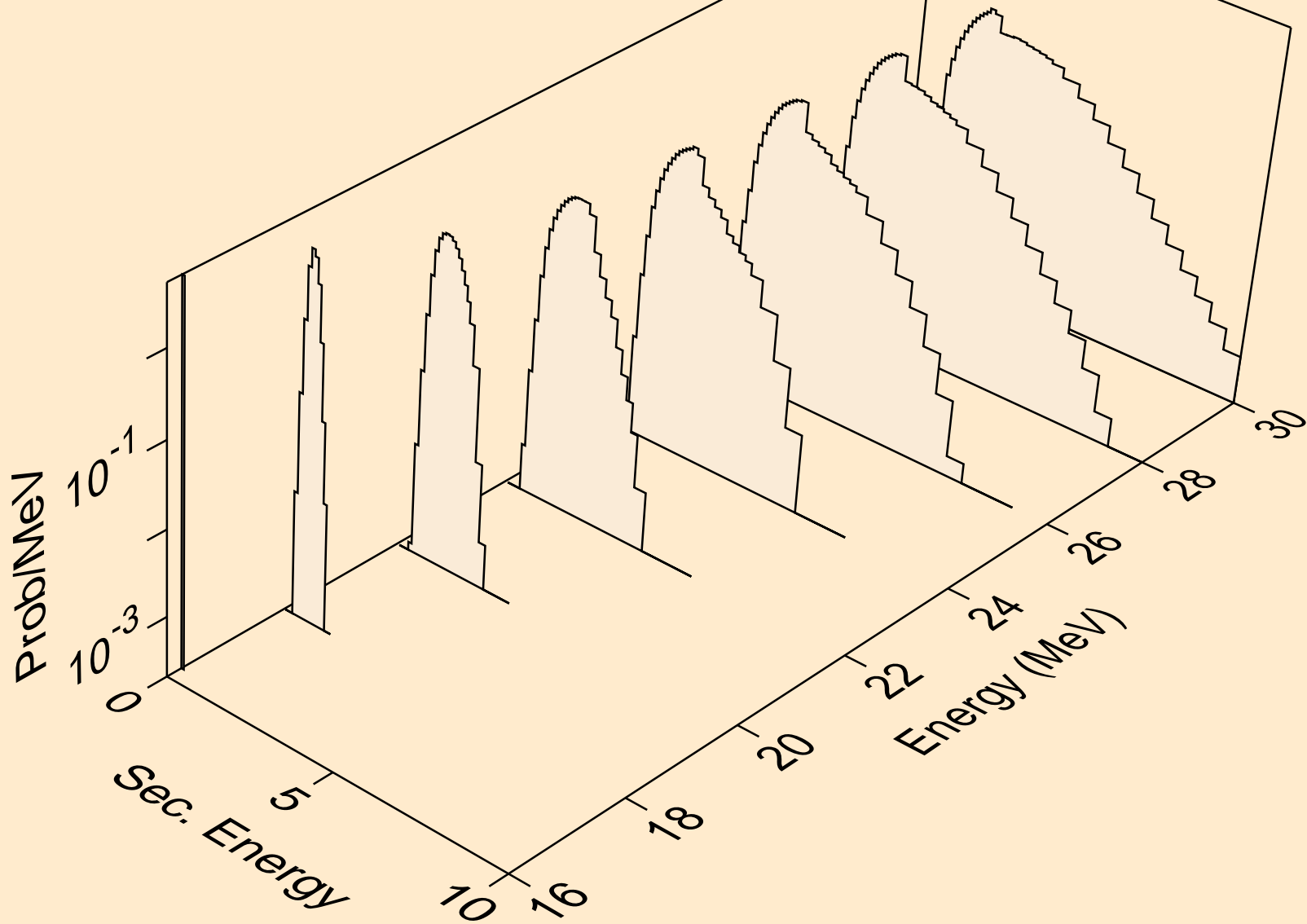


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protons from (n,p)

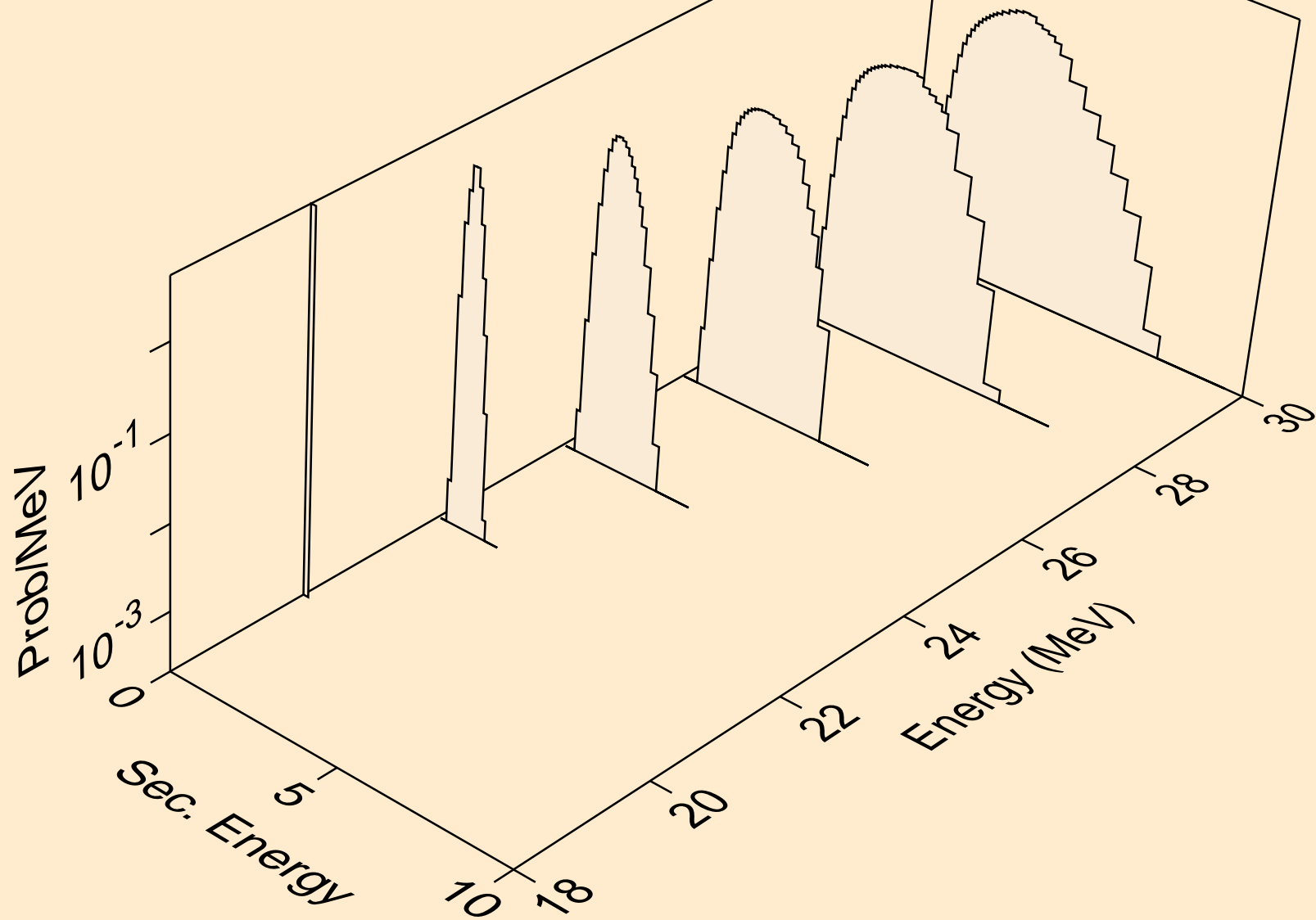




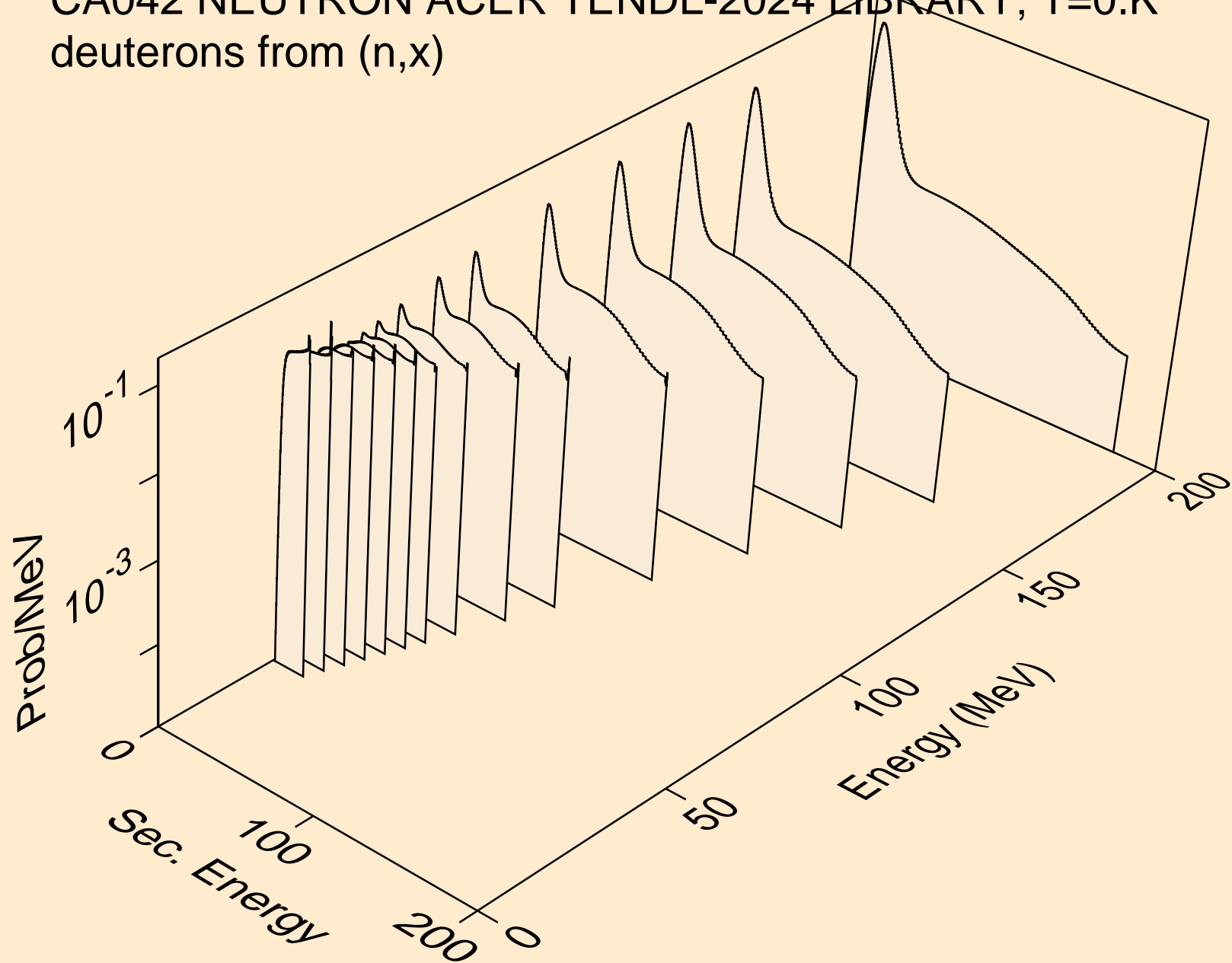
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protons from (n,pd)



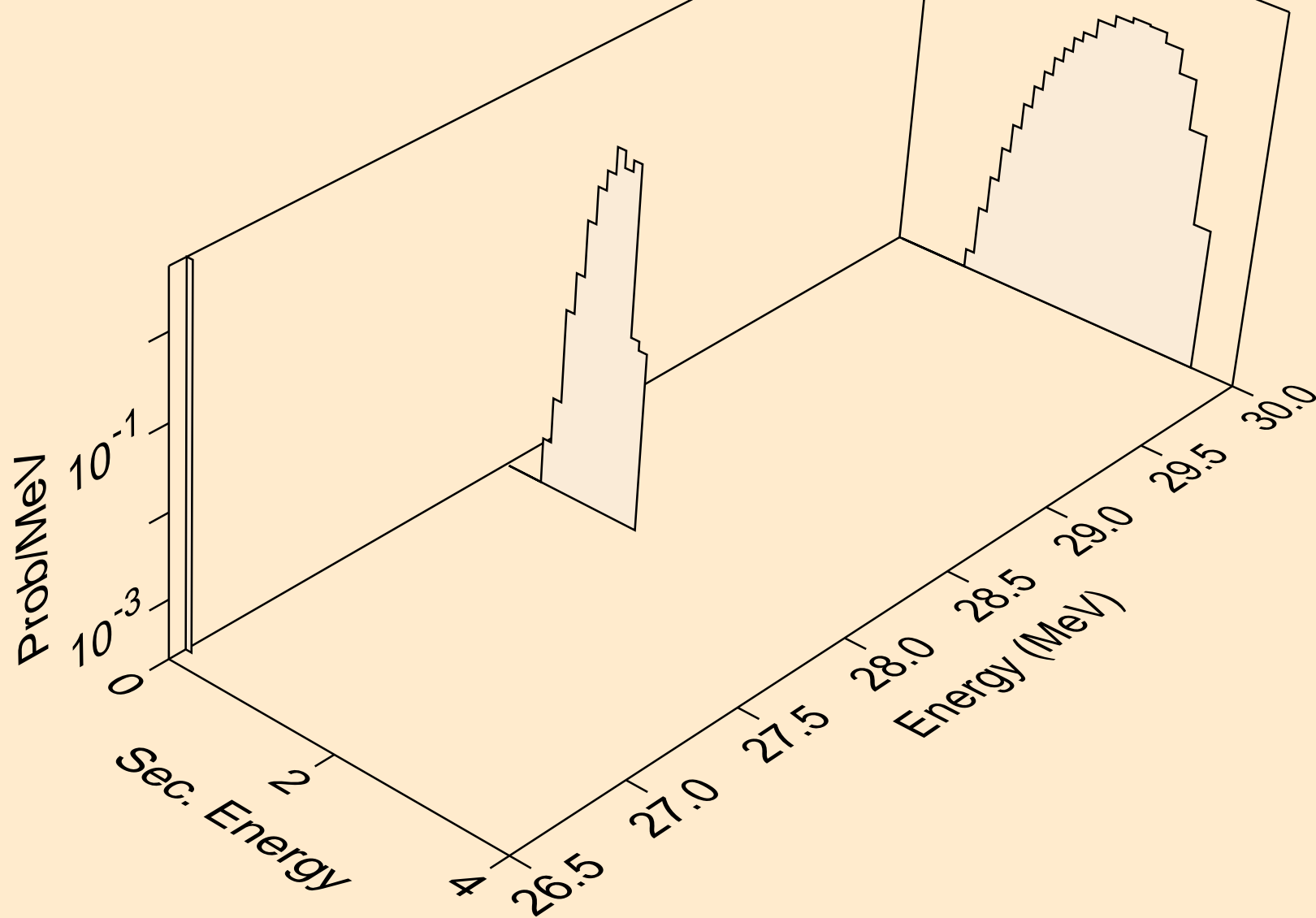
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protons from (n,pt)



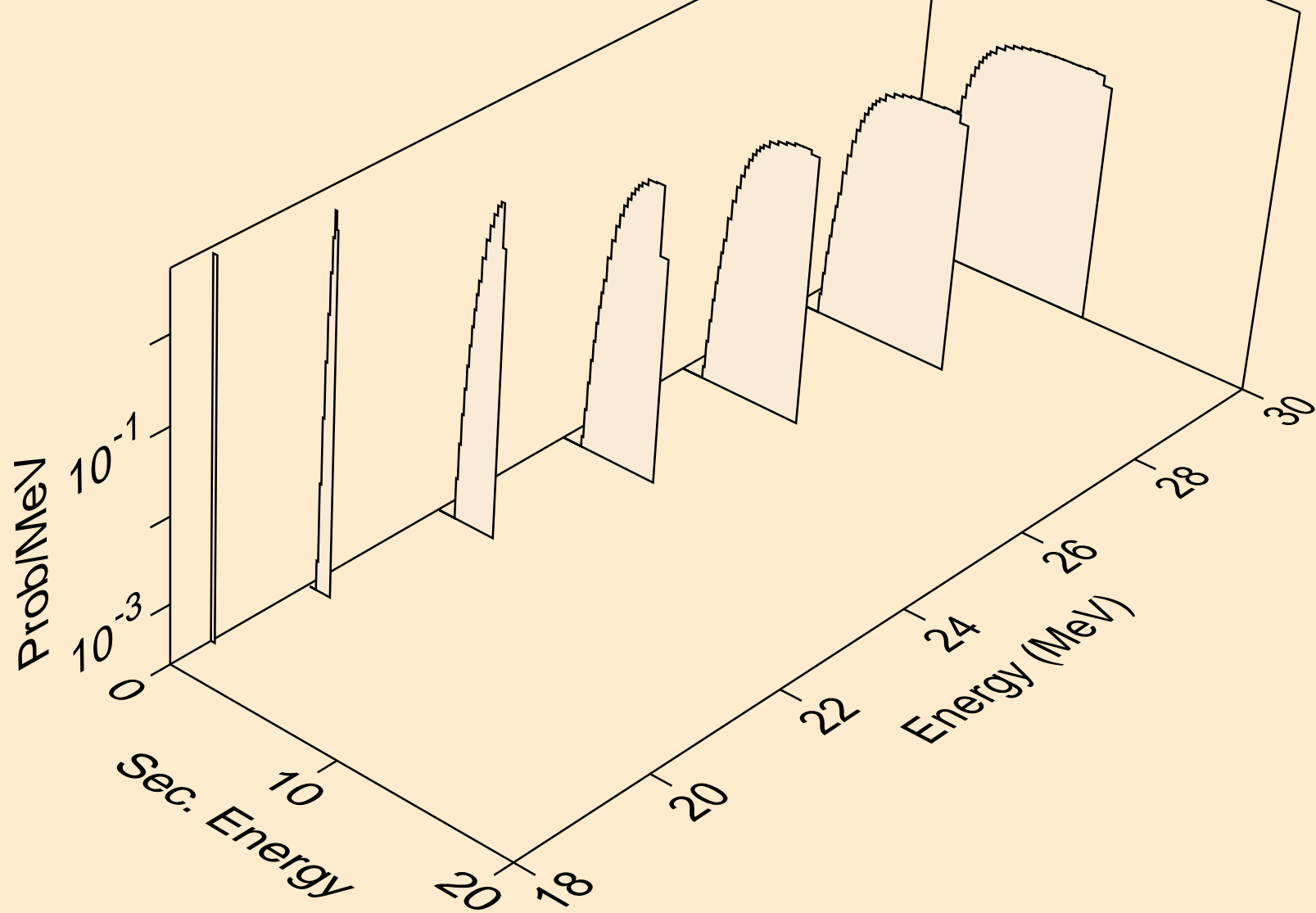
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deuterons from (n,x)



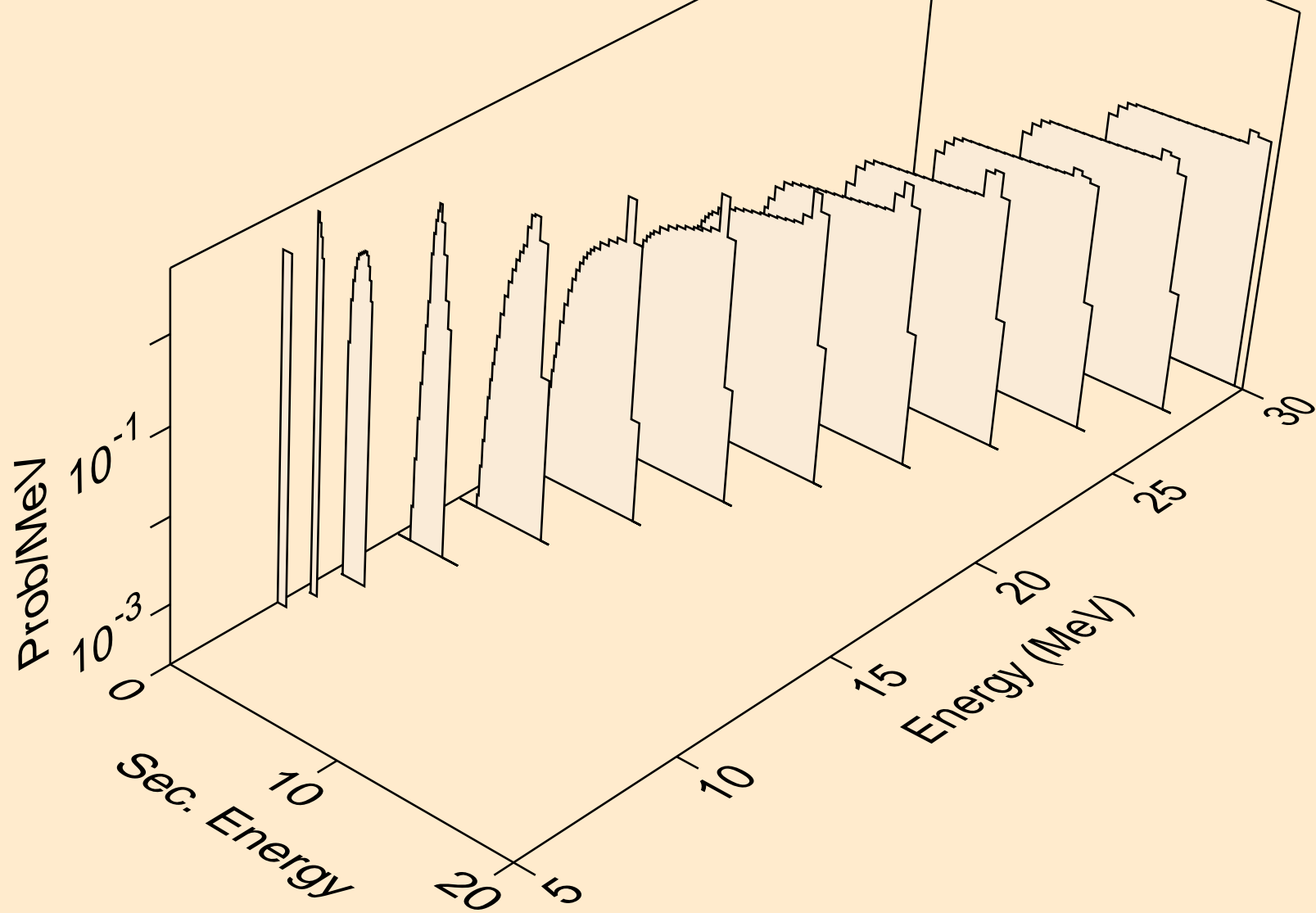
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deuterons from (n,2nd)



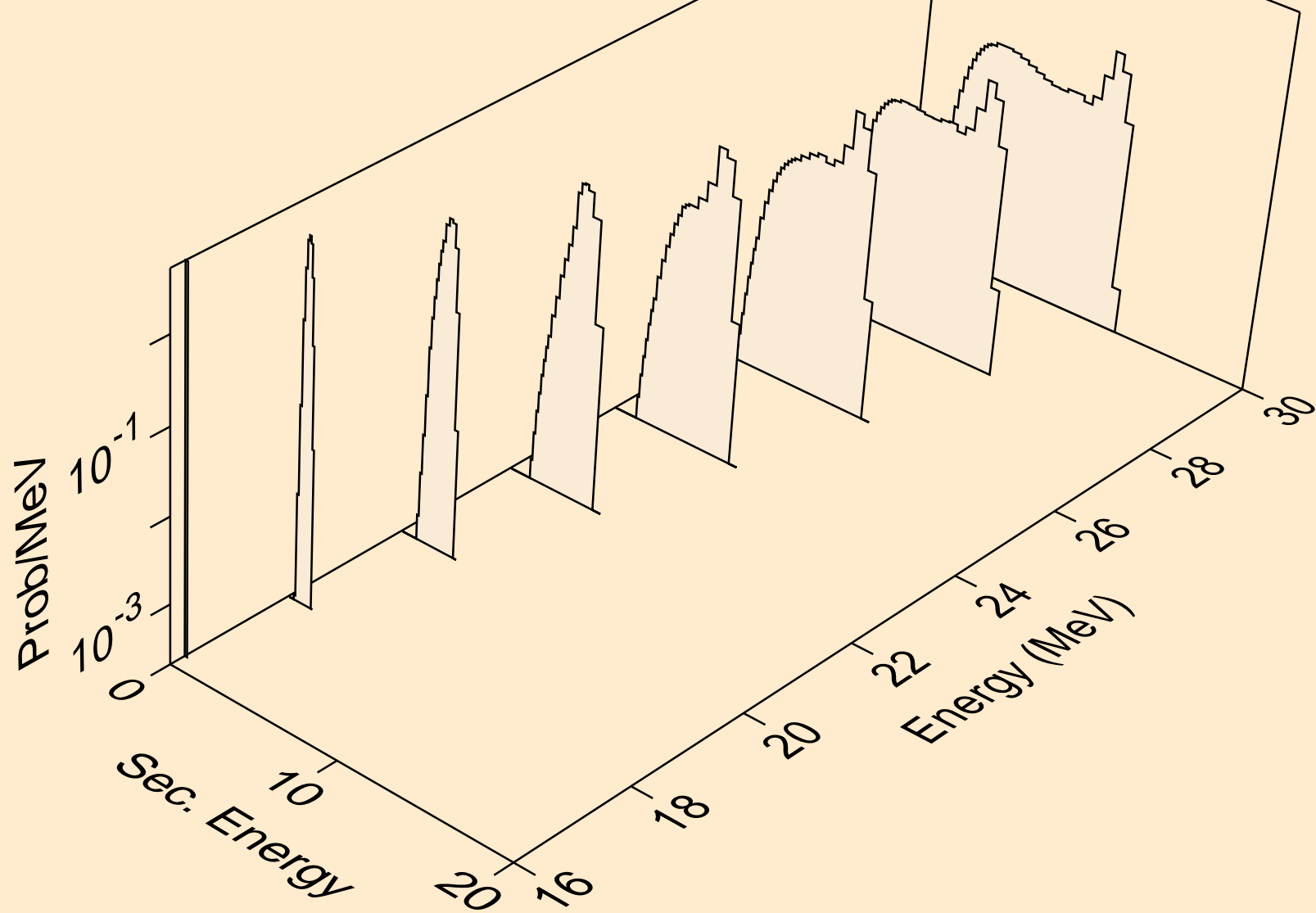
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deuterons from (n,n\*)d



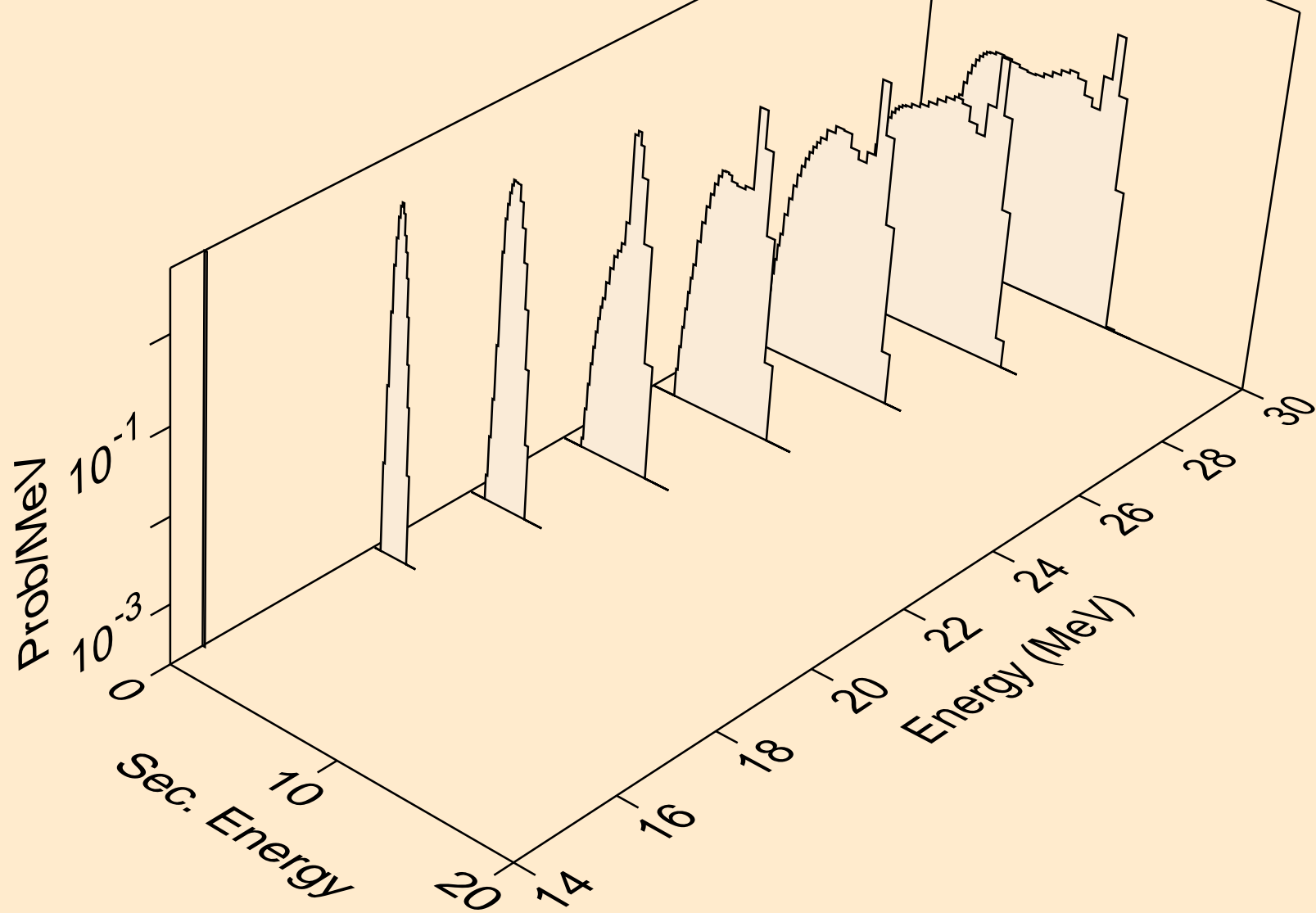
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

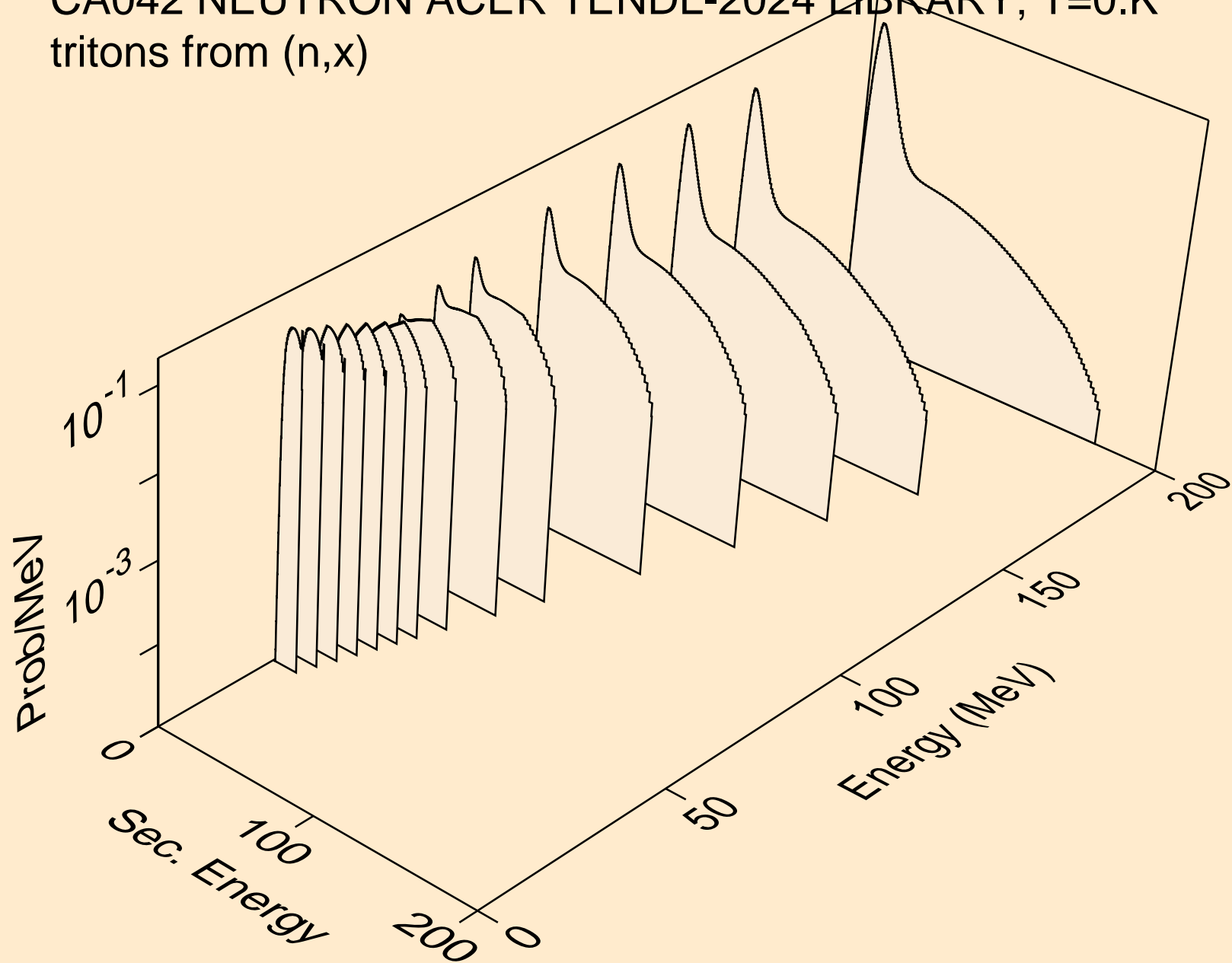


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deuterons from (n,da)

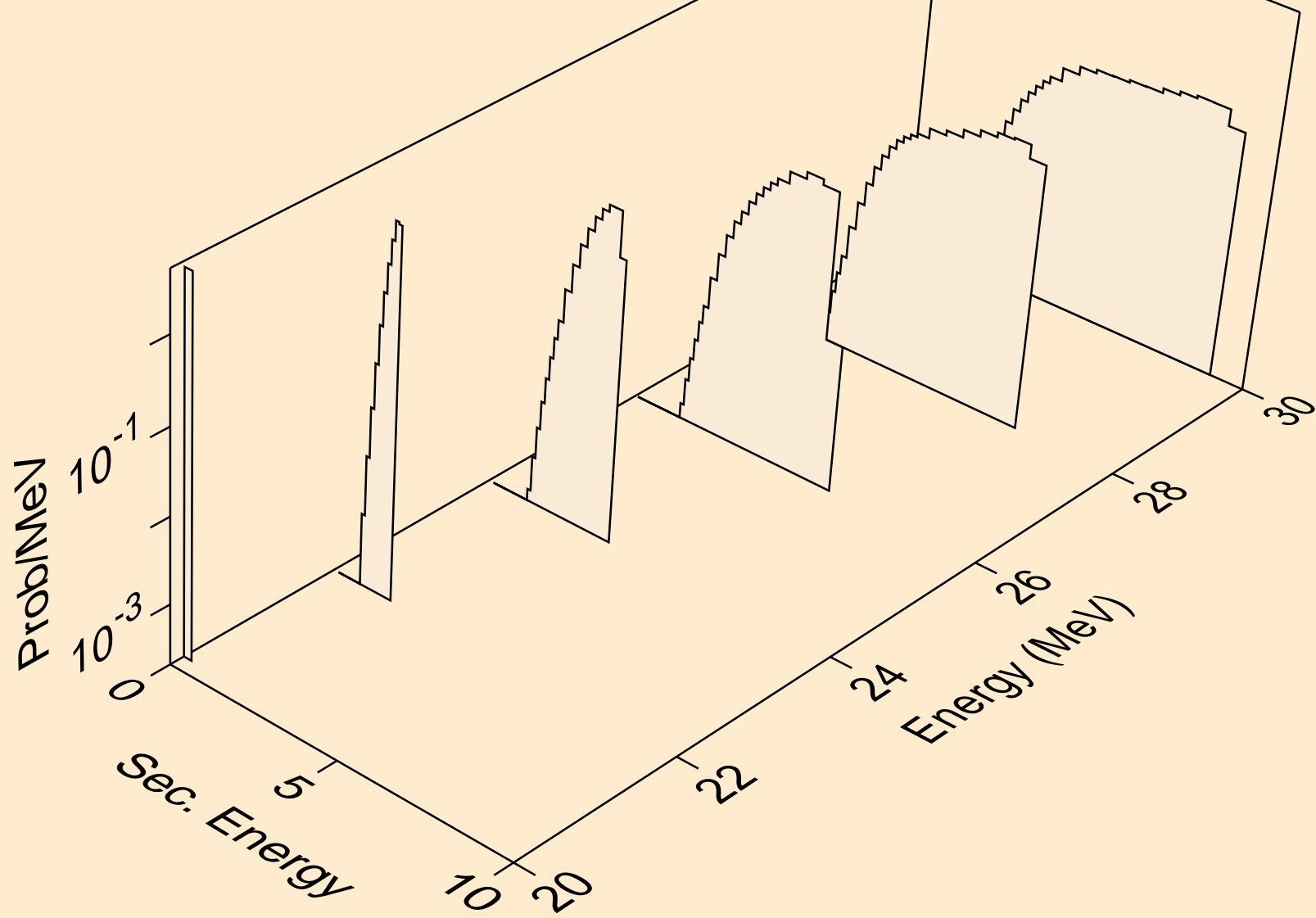




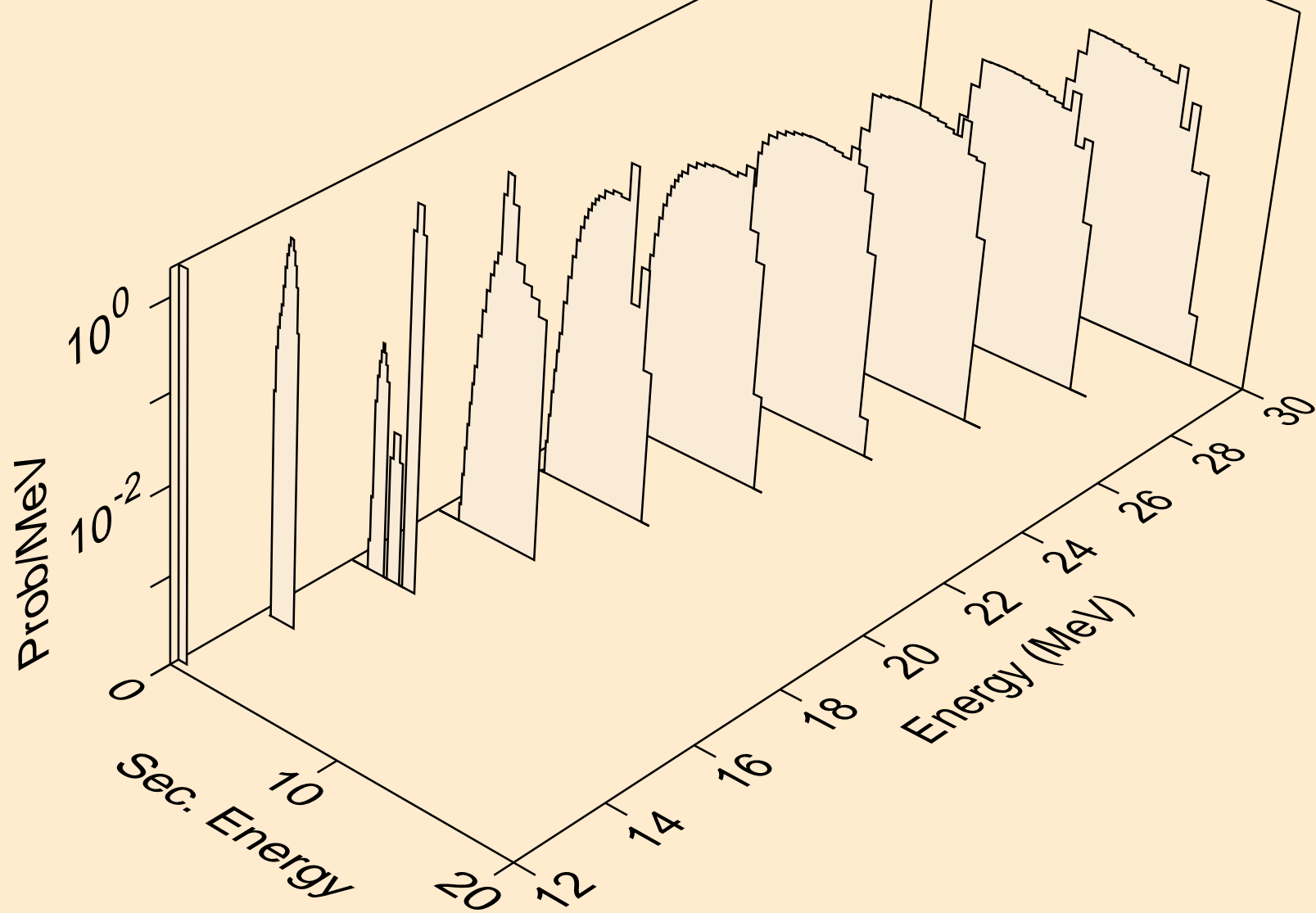
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



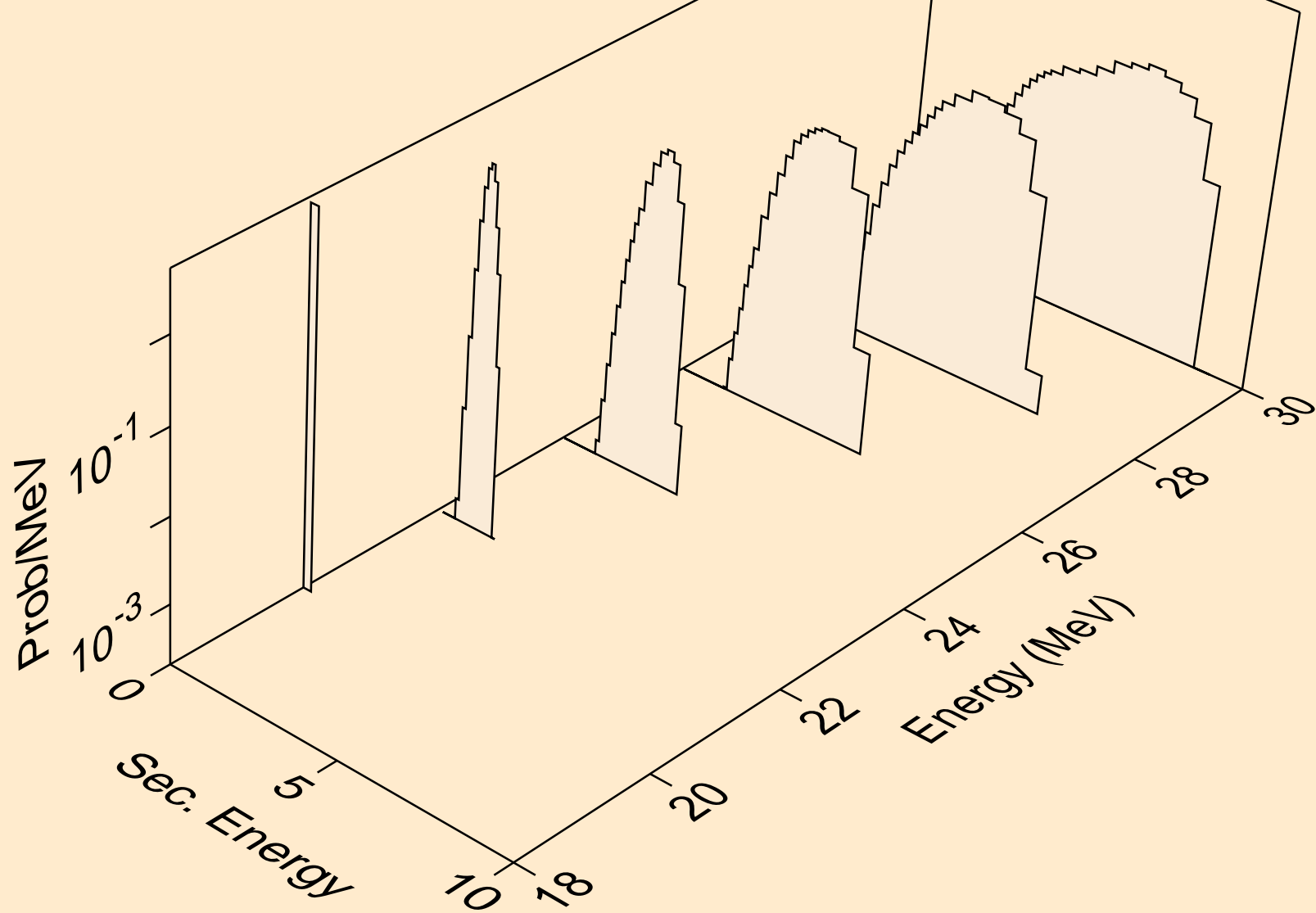
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



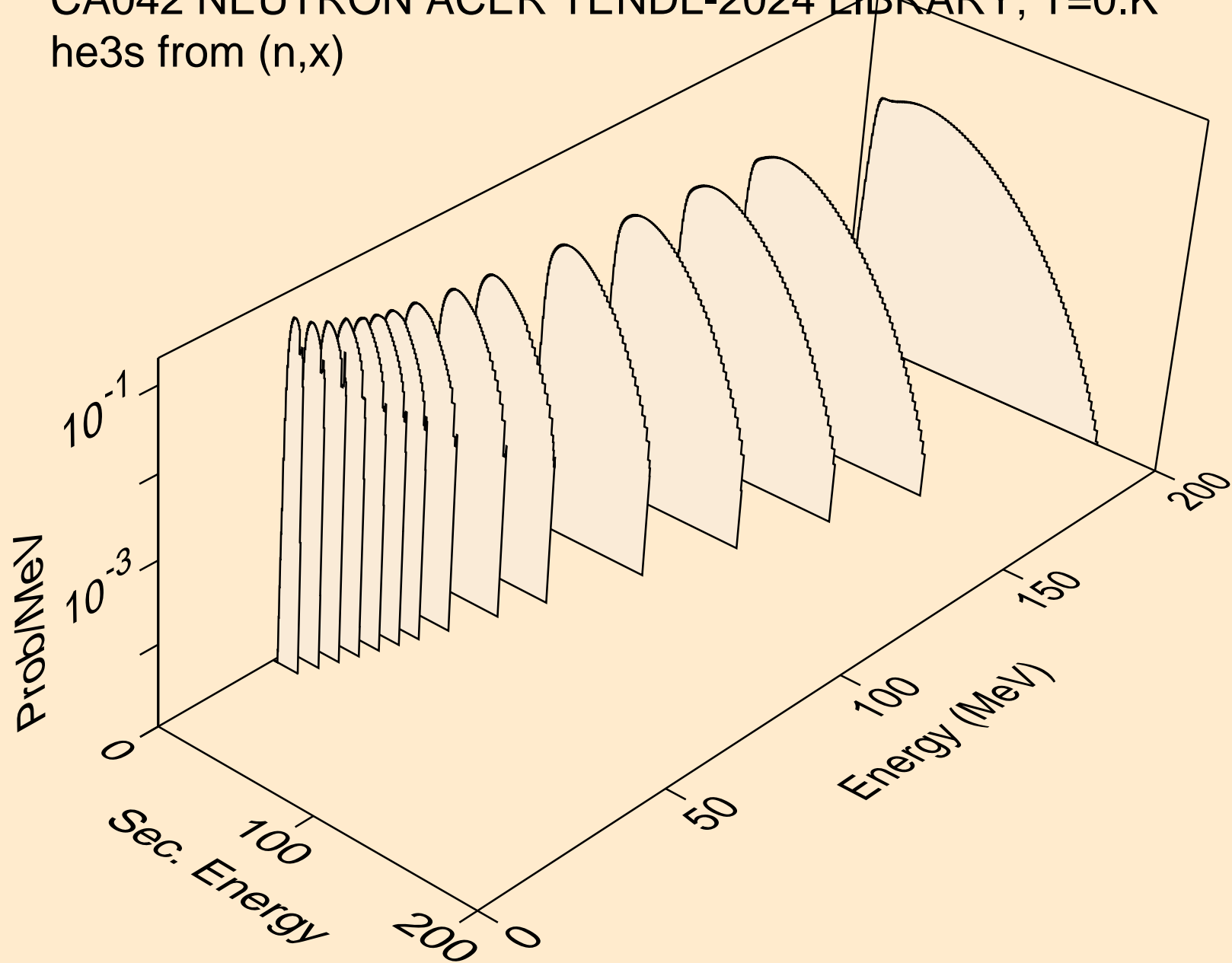
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tritons from (n,t)



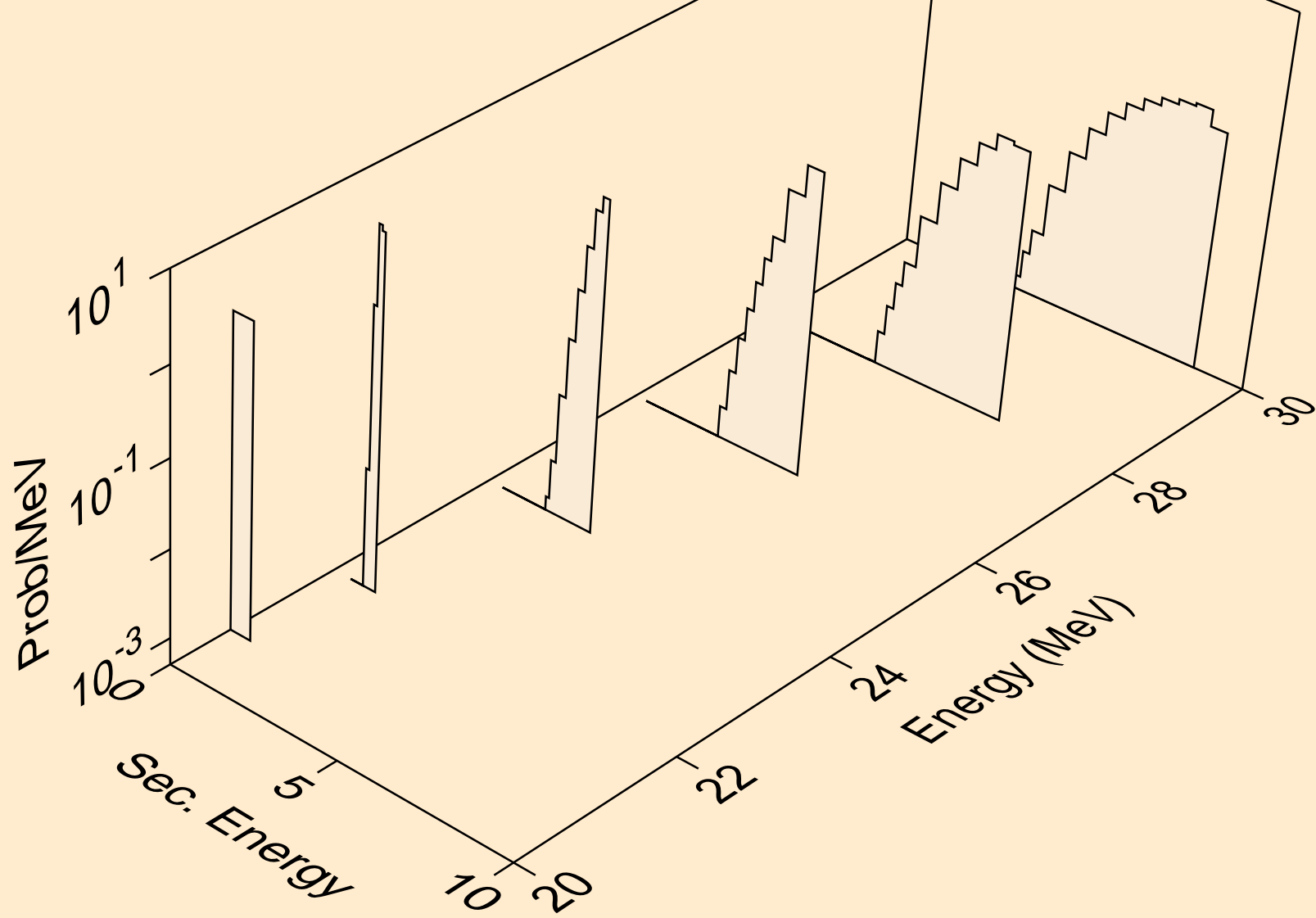
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tritons from (n,pt)



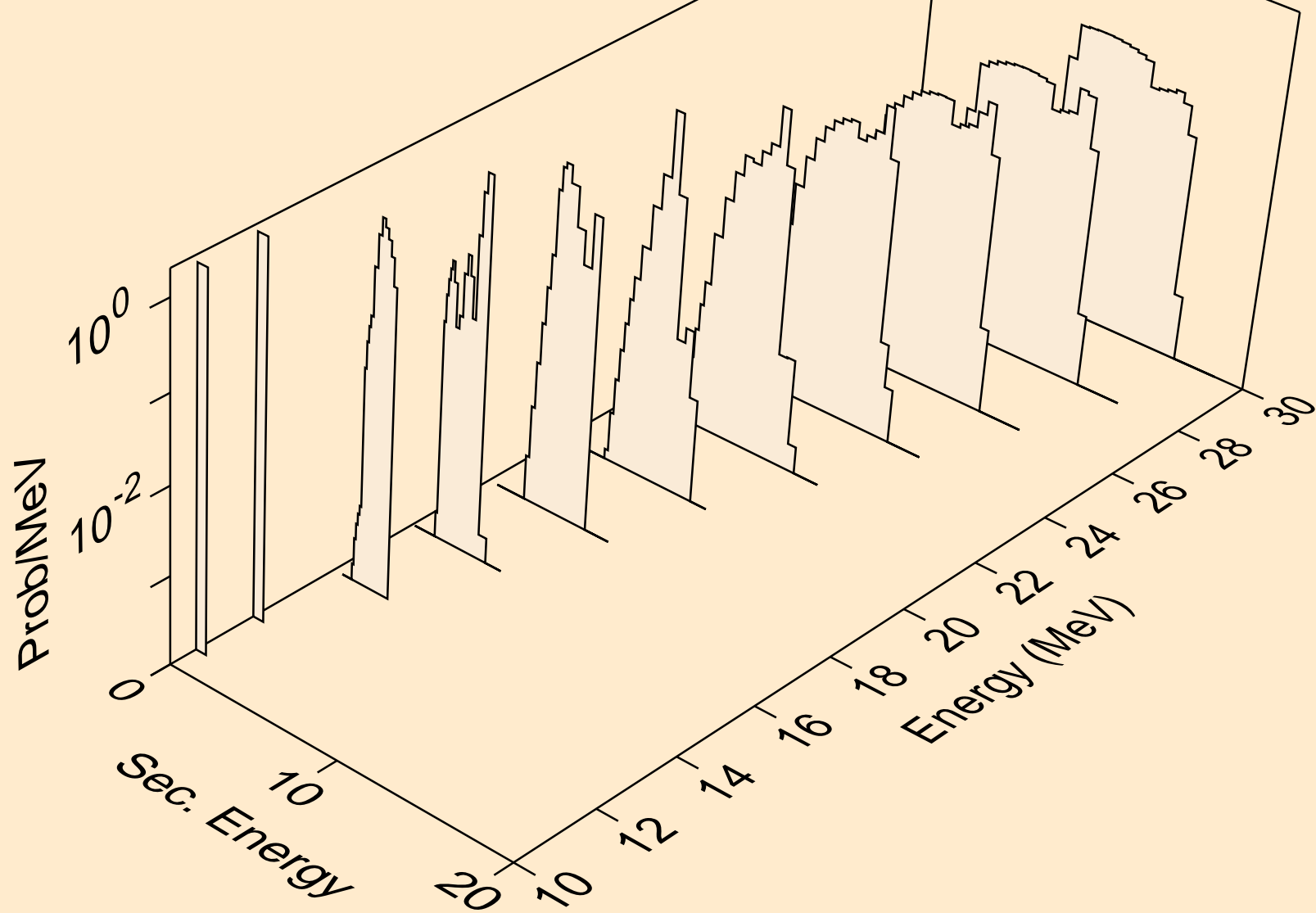
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he3s from (n,x)



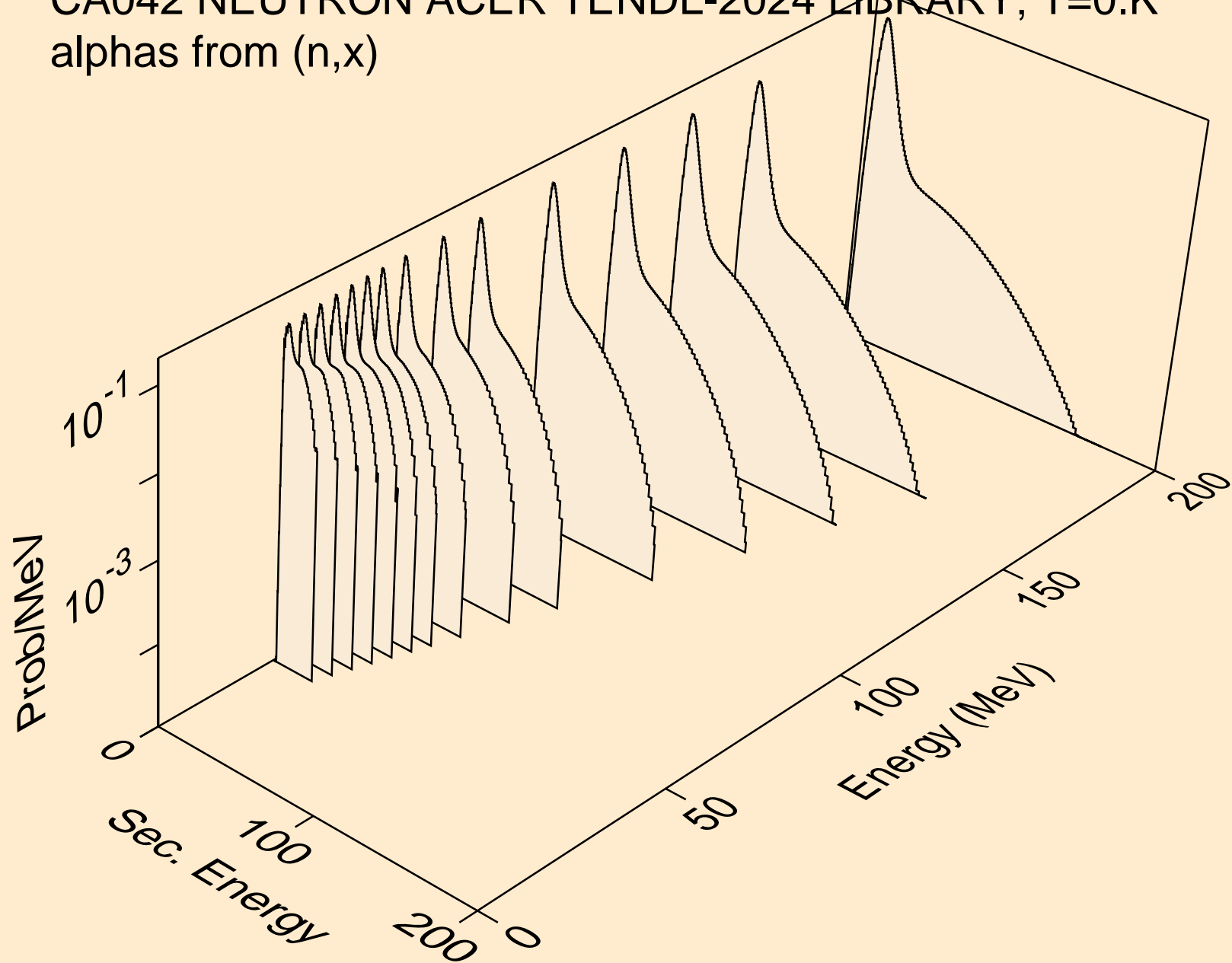
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

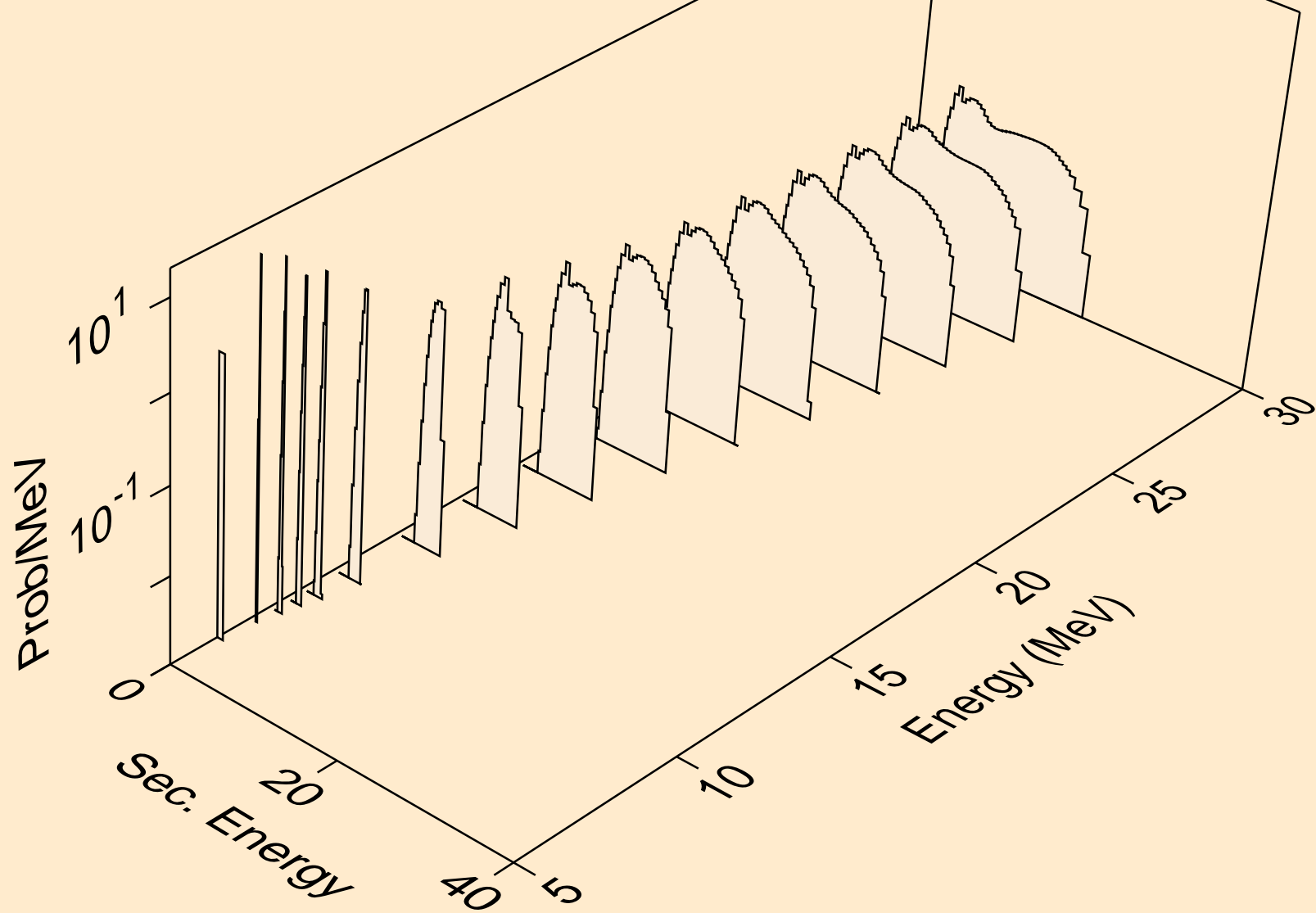


CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

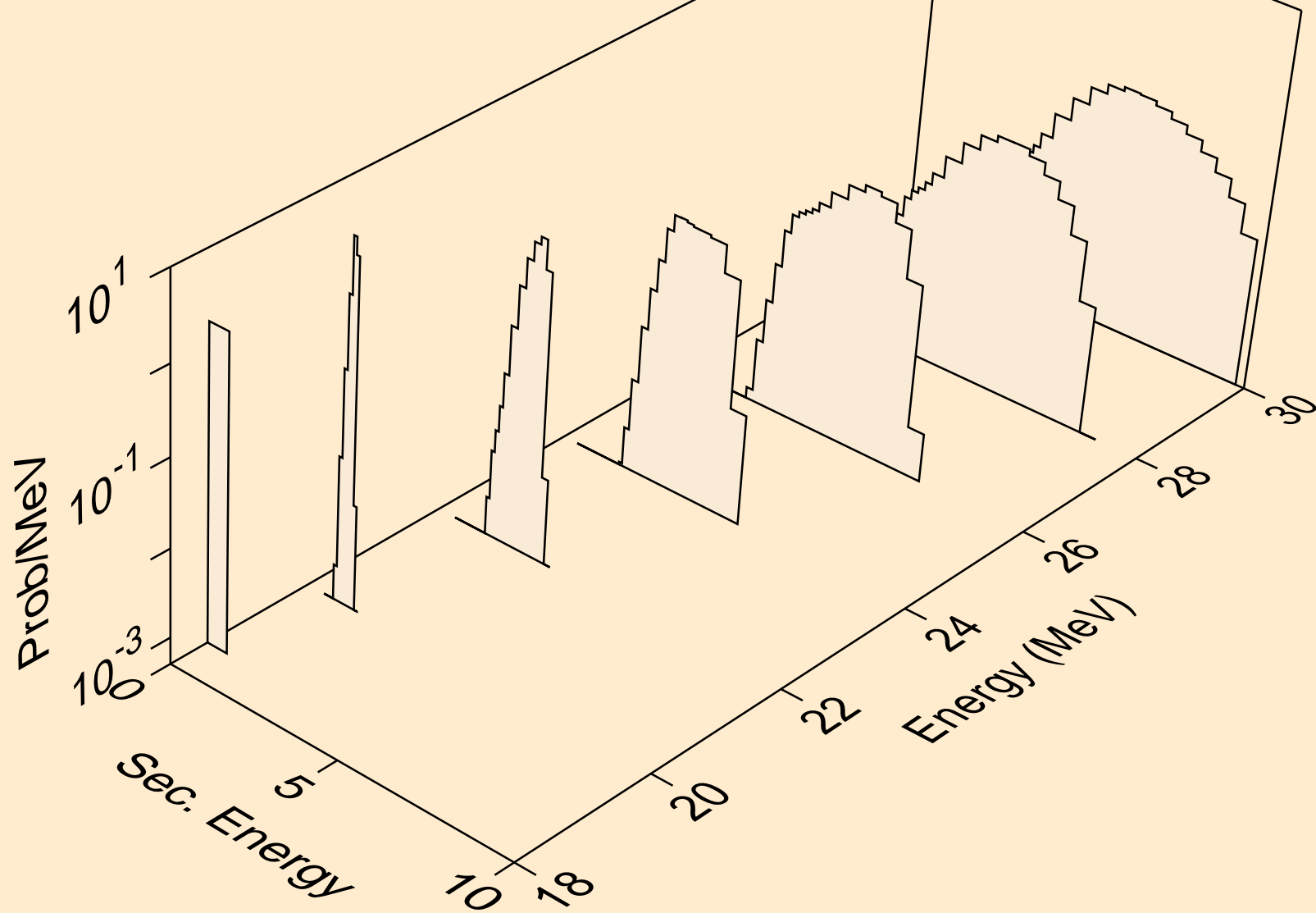




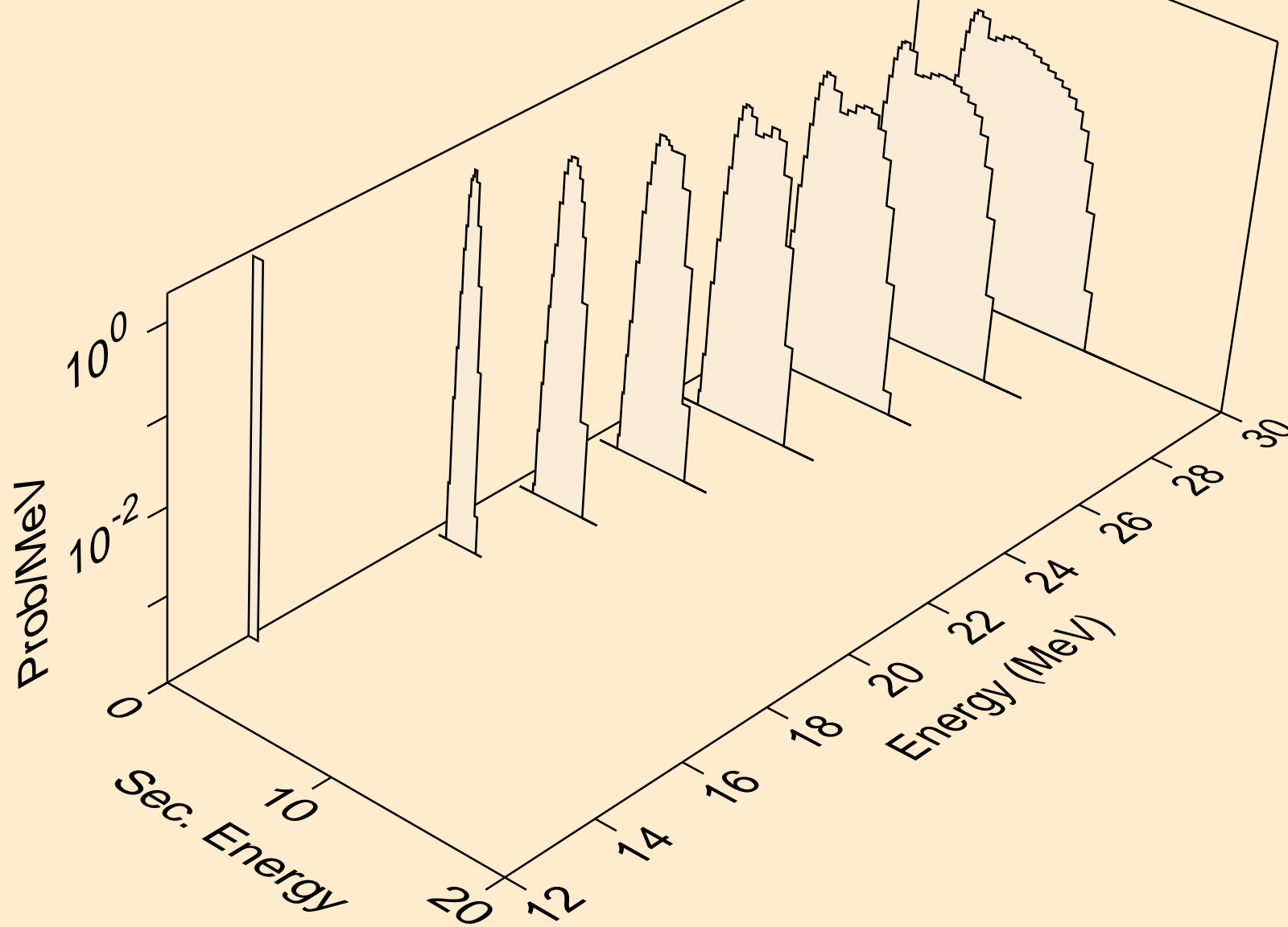
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



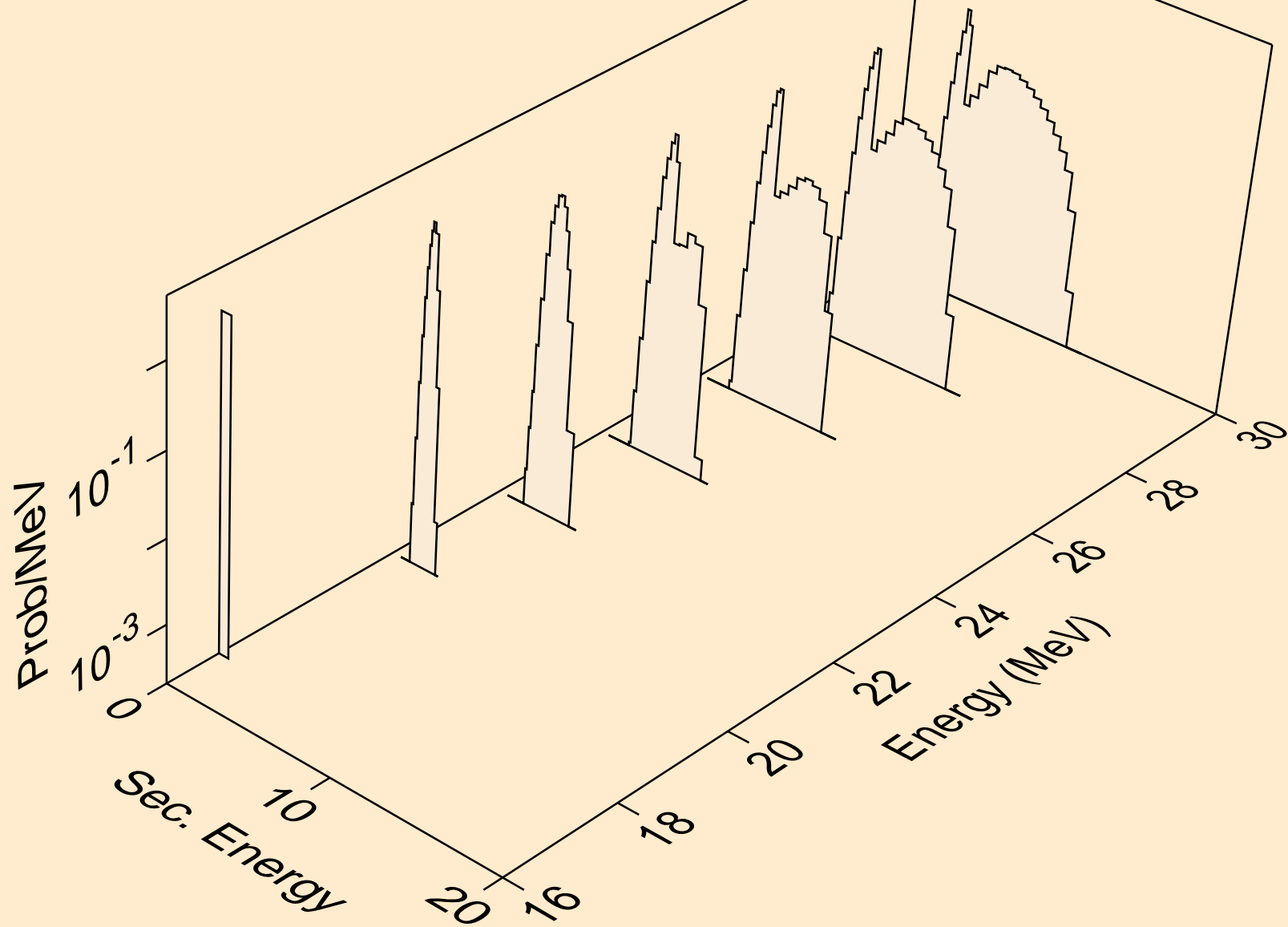
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



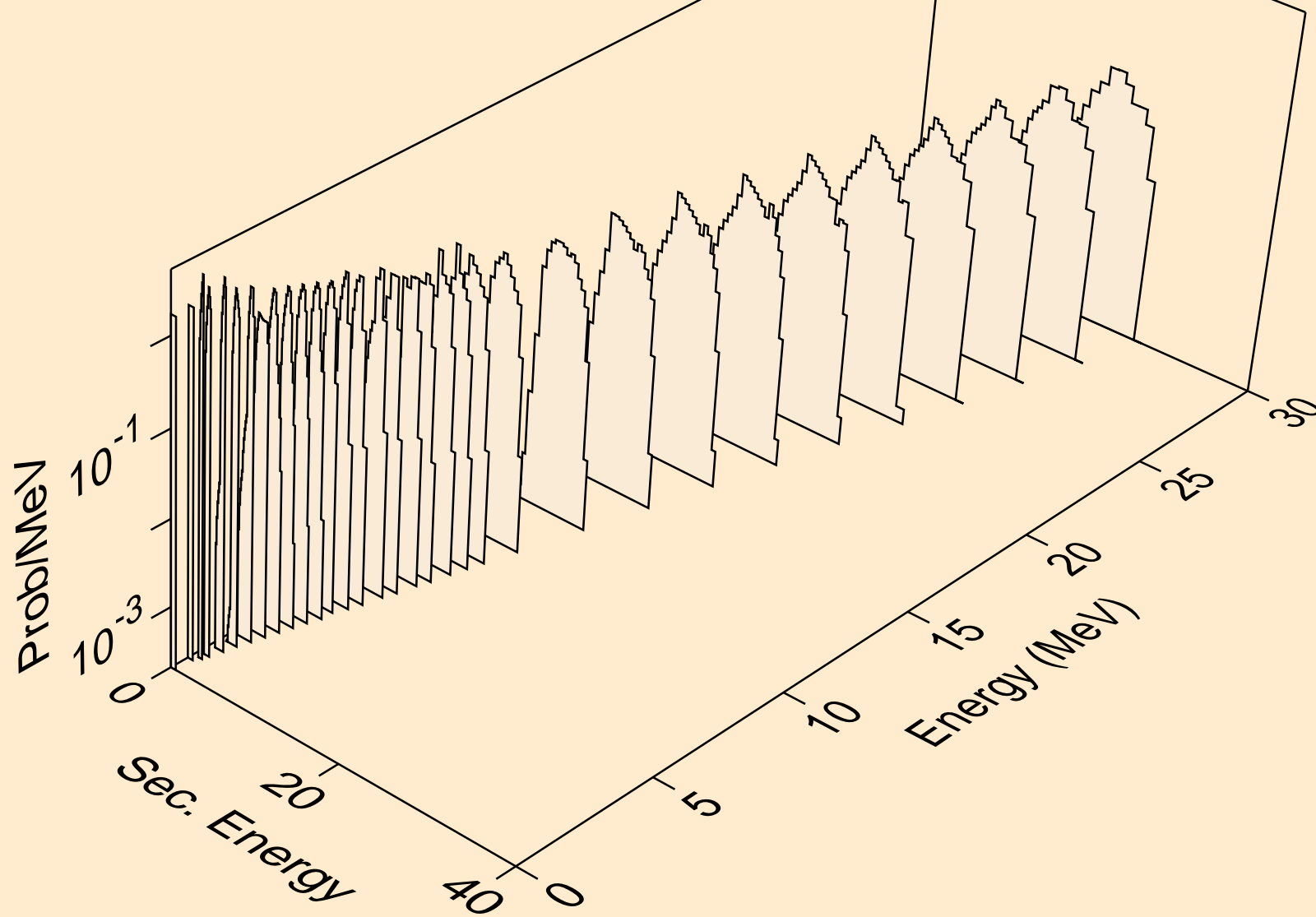
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



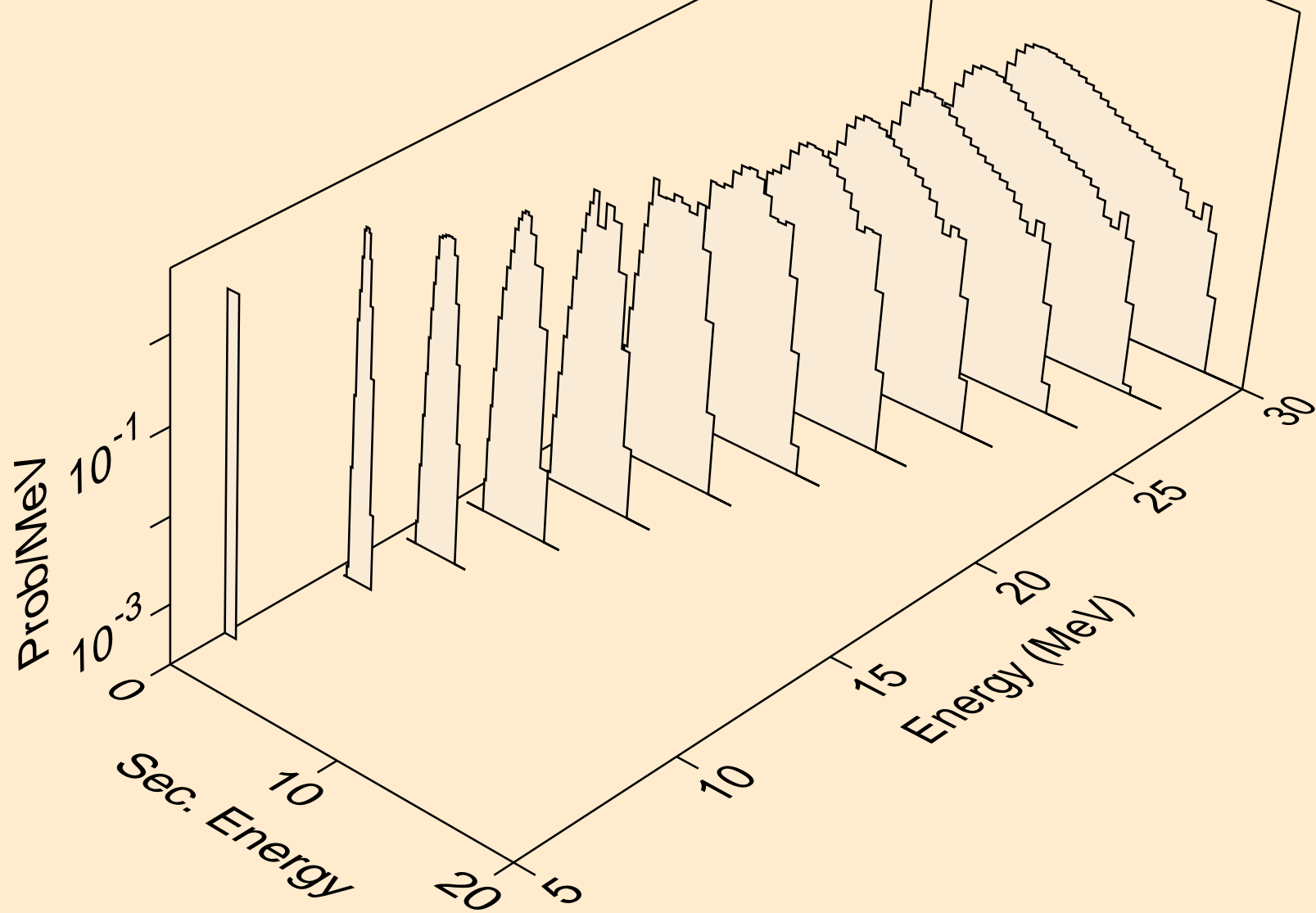
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



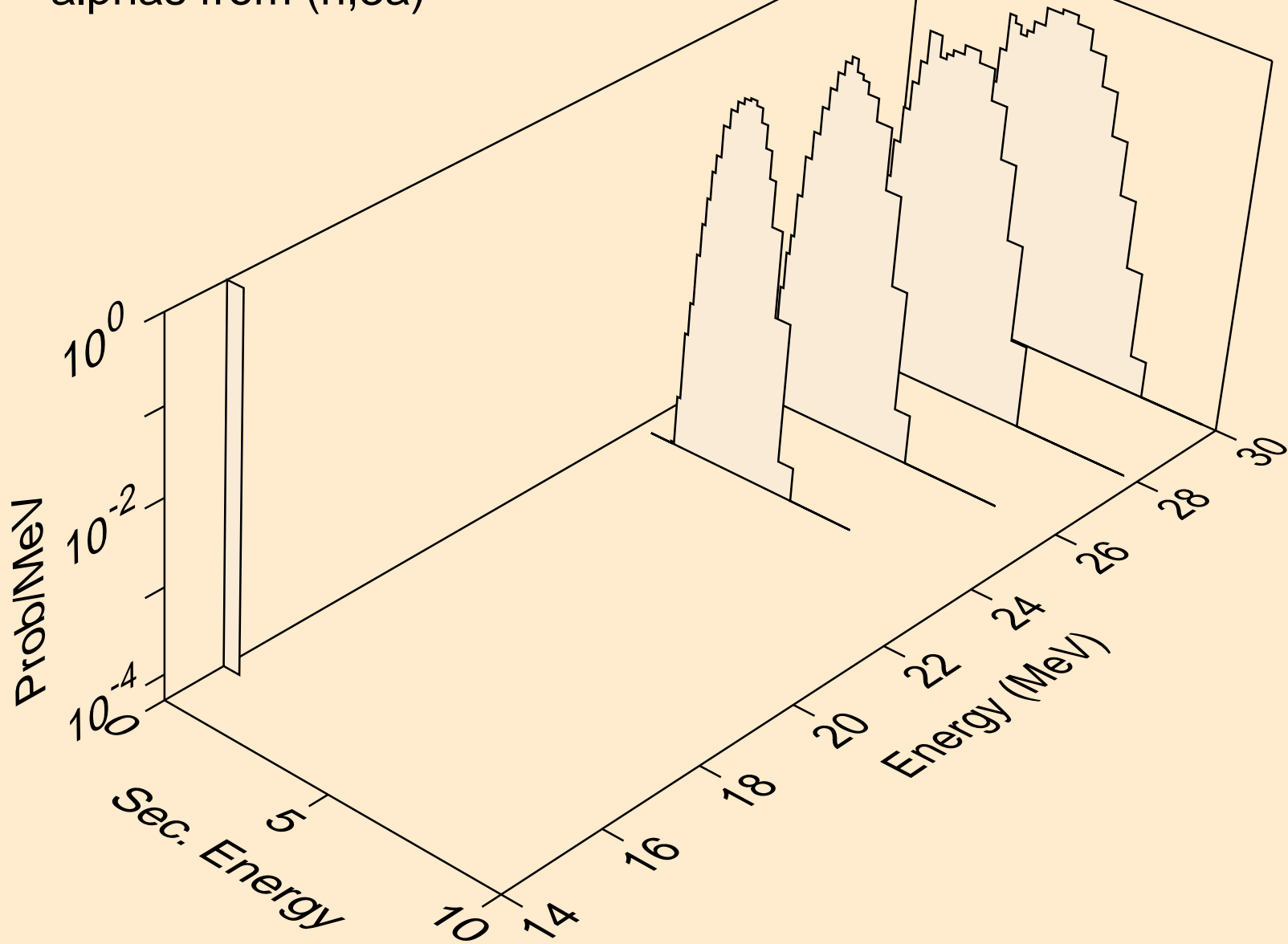
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



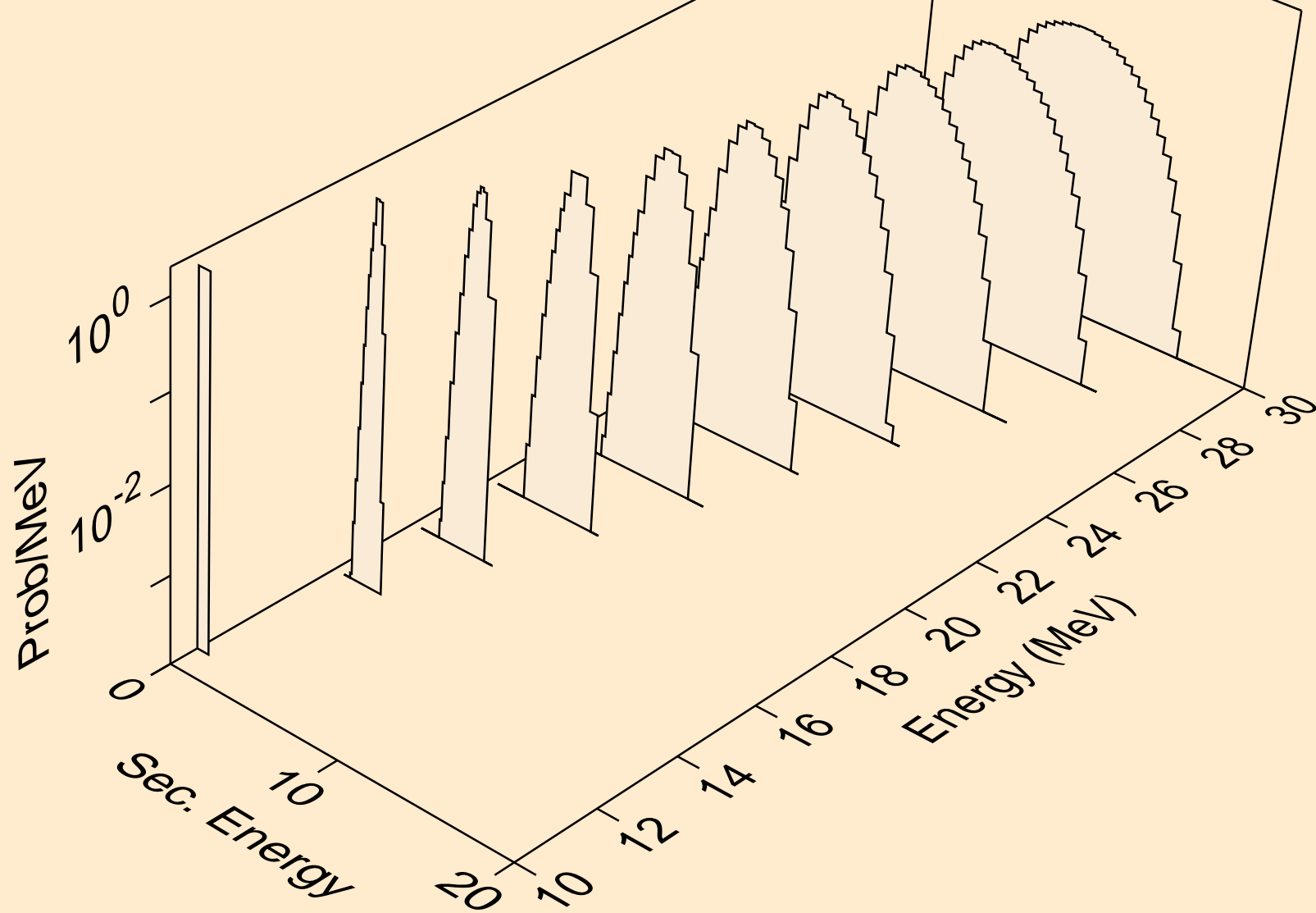
CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





CA042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

