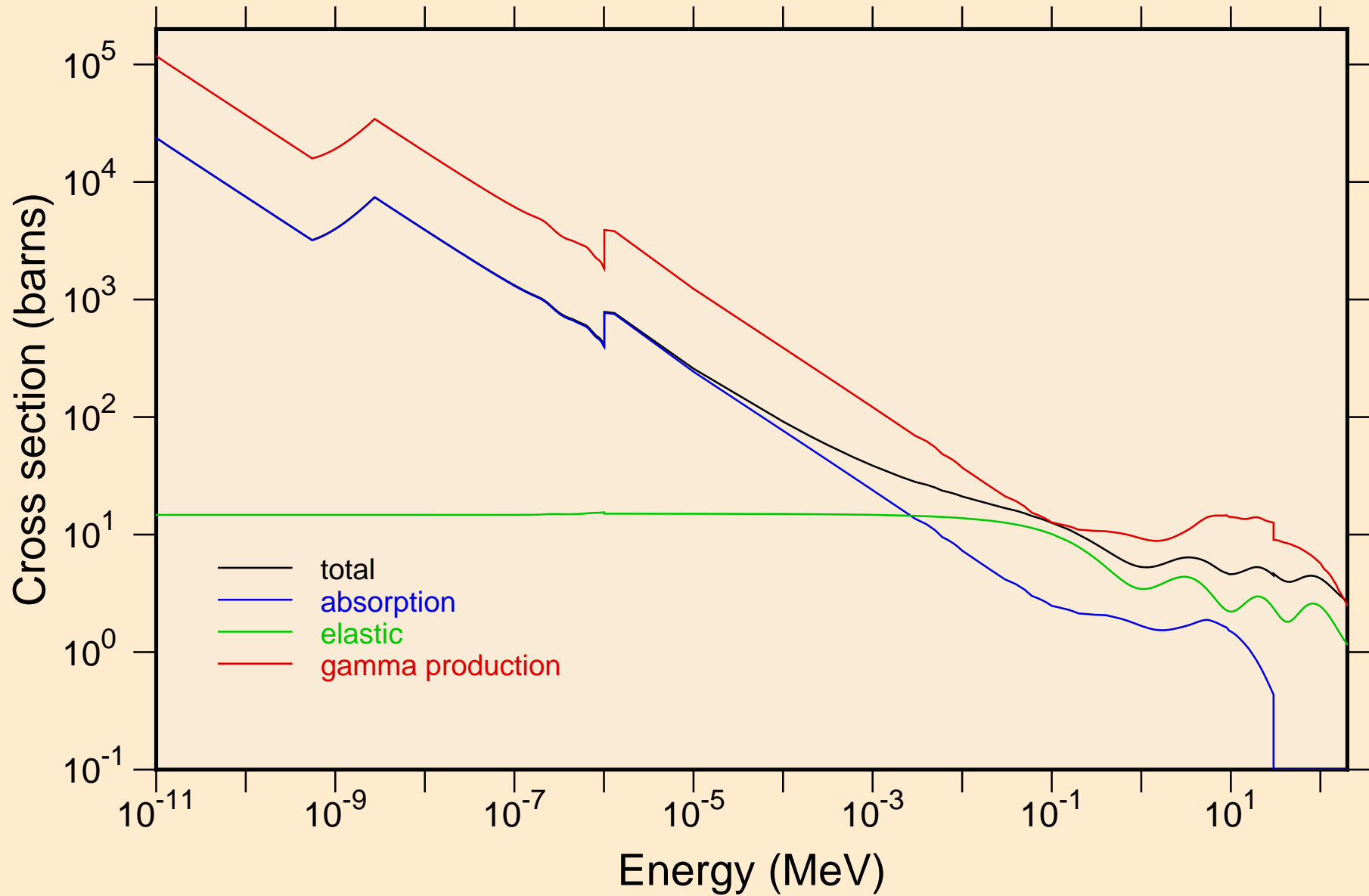


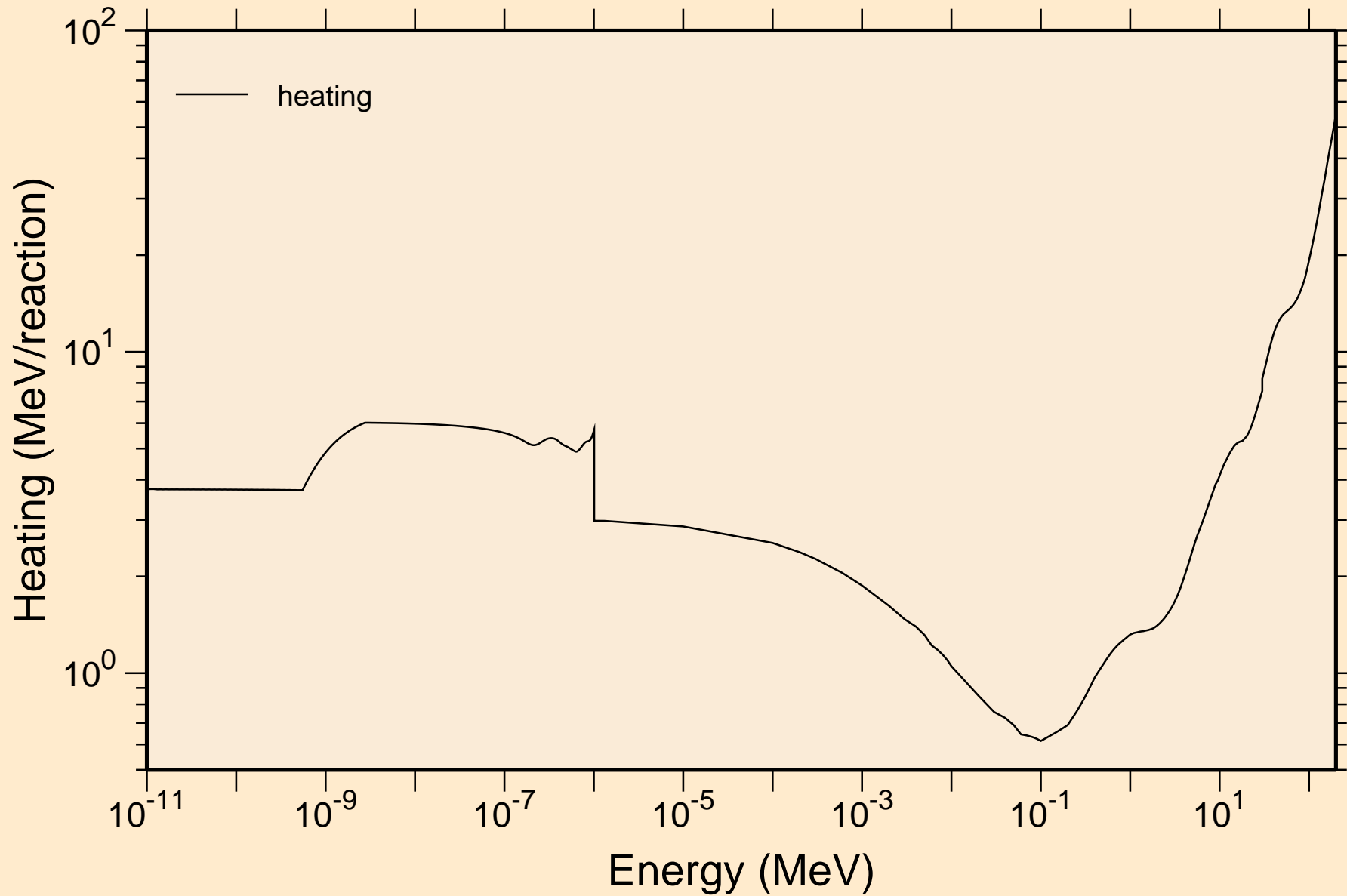
# AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

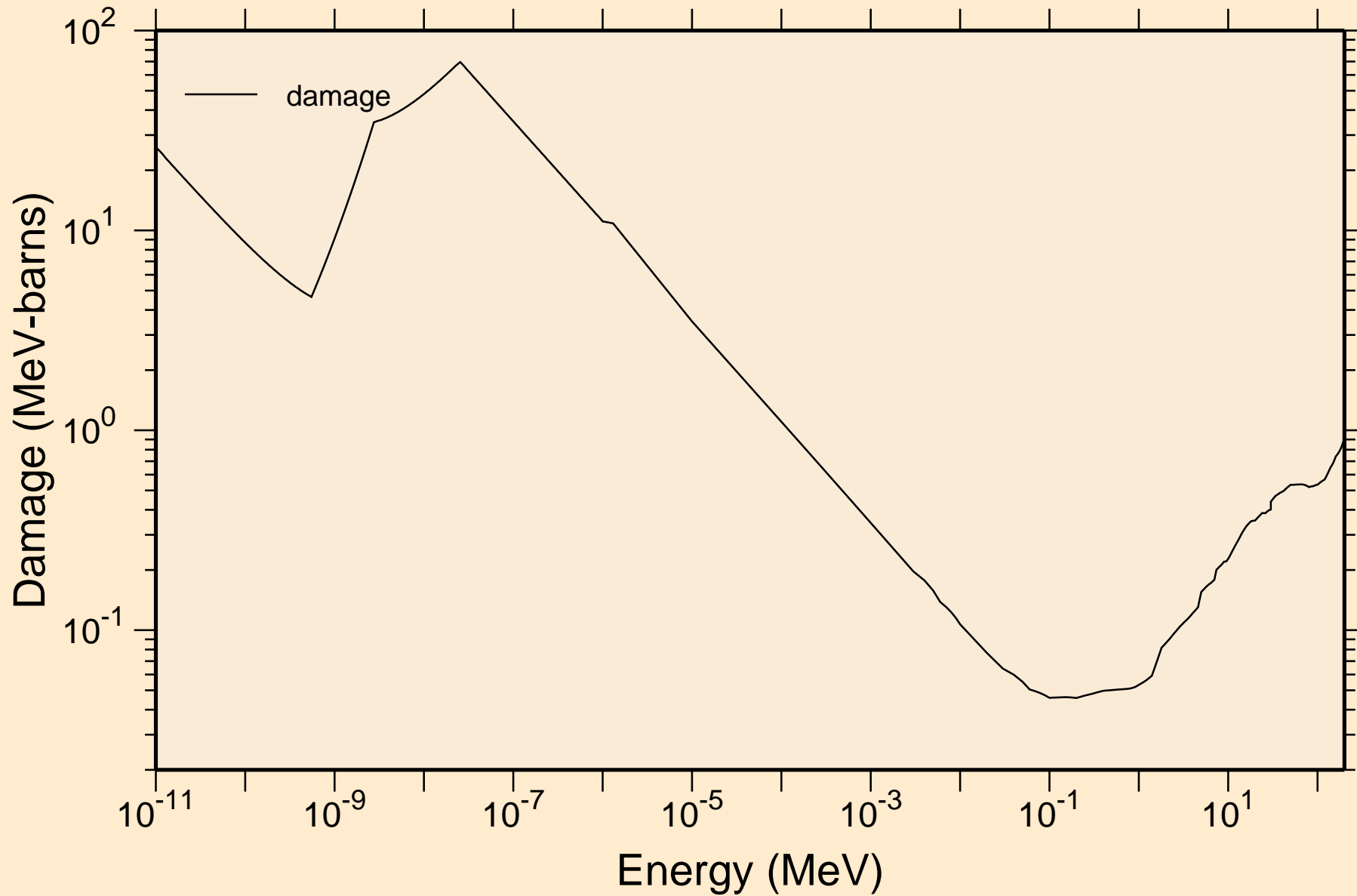


# AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

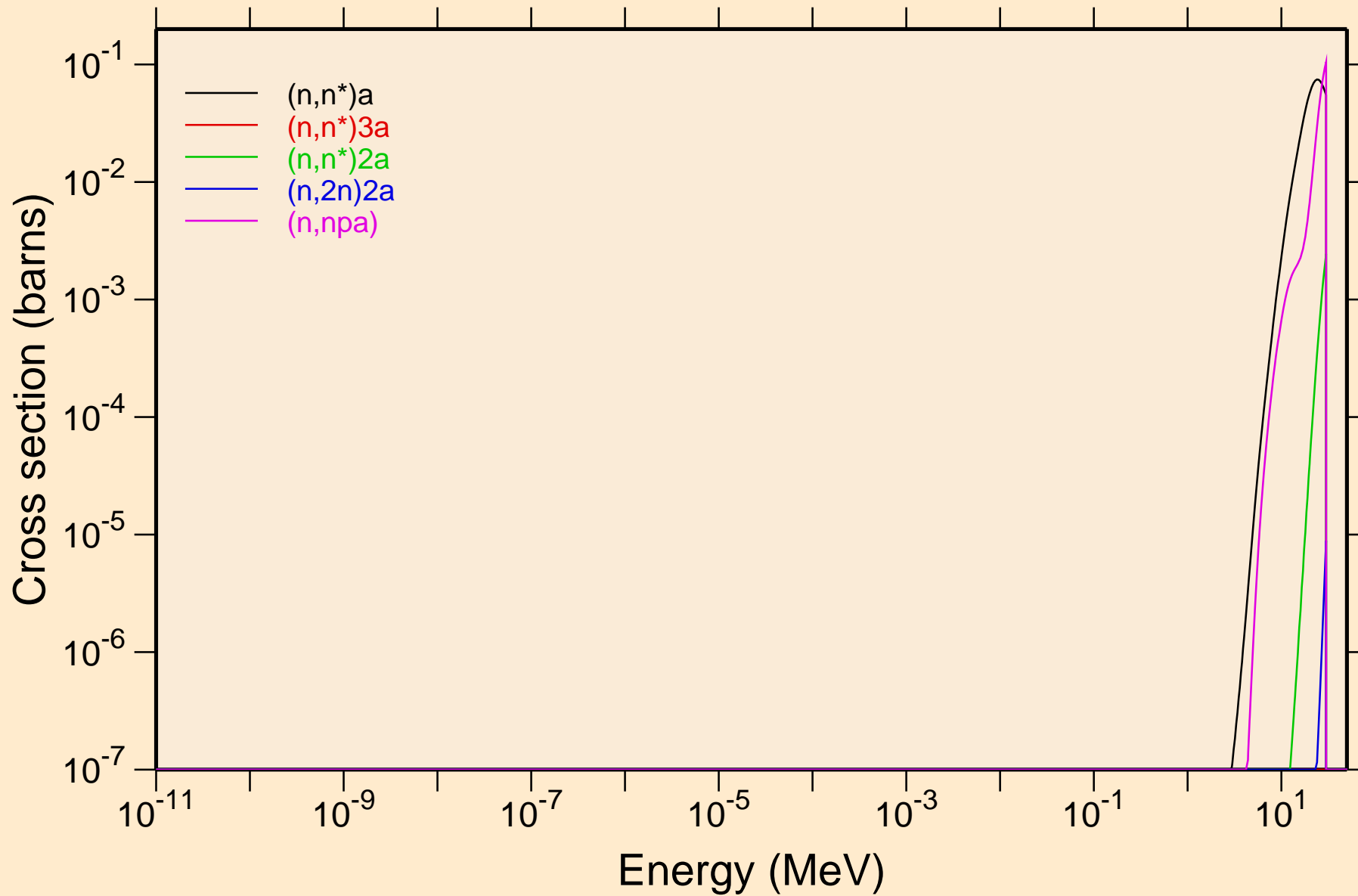
## Heating



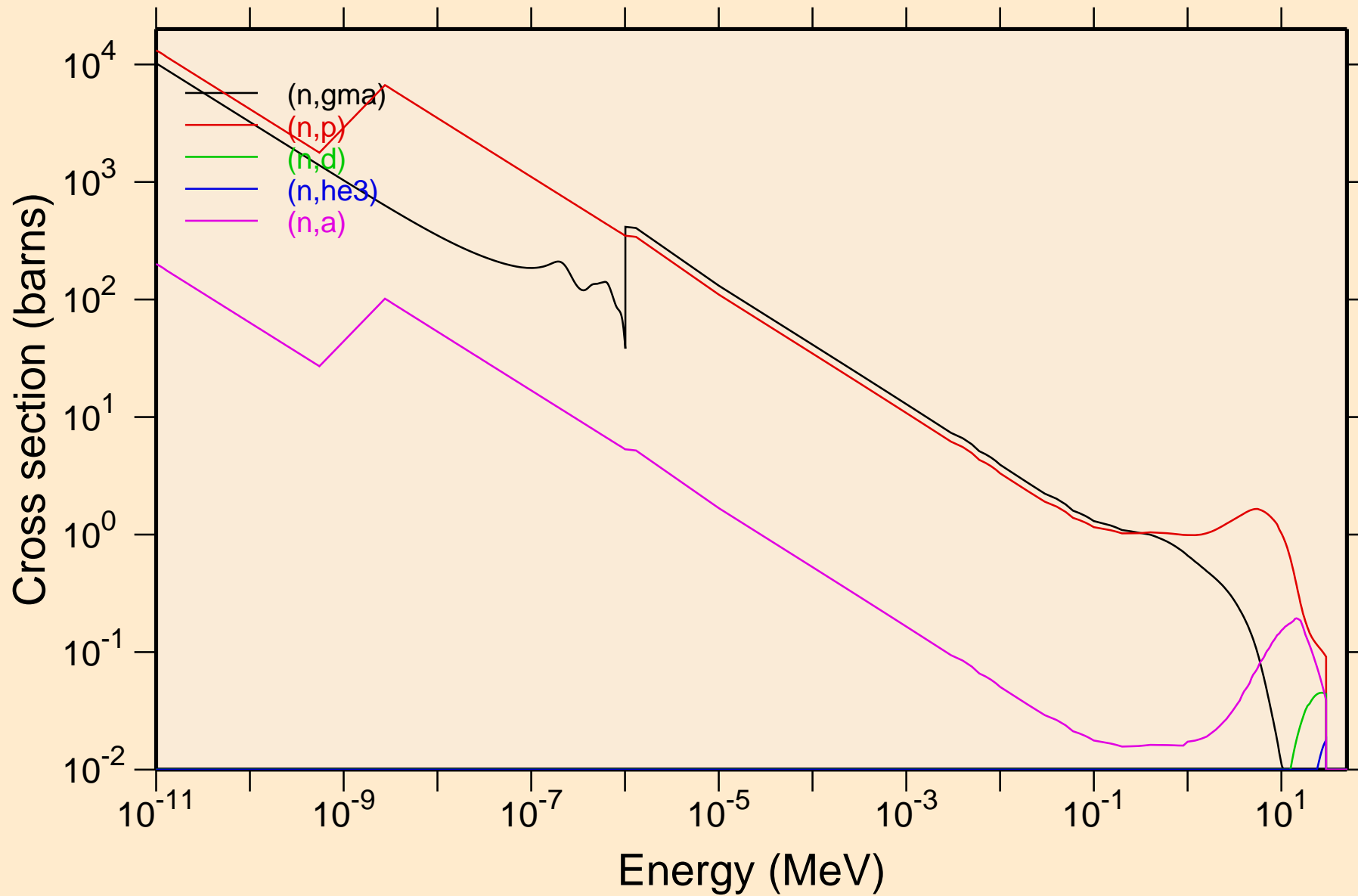
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



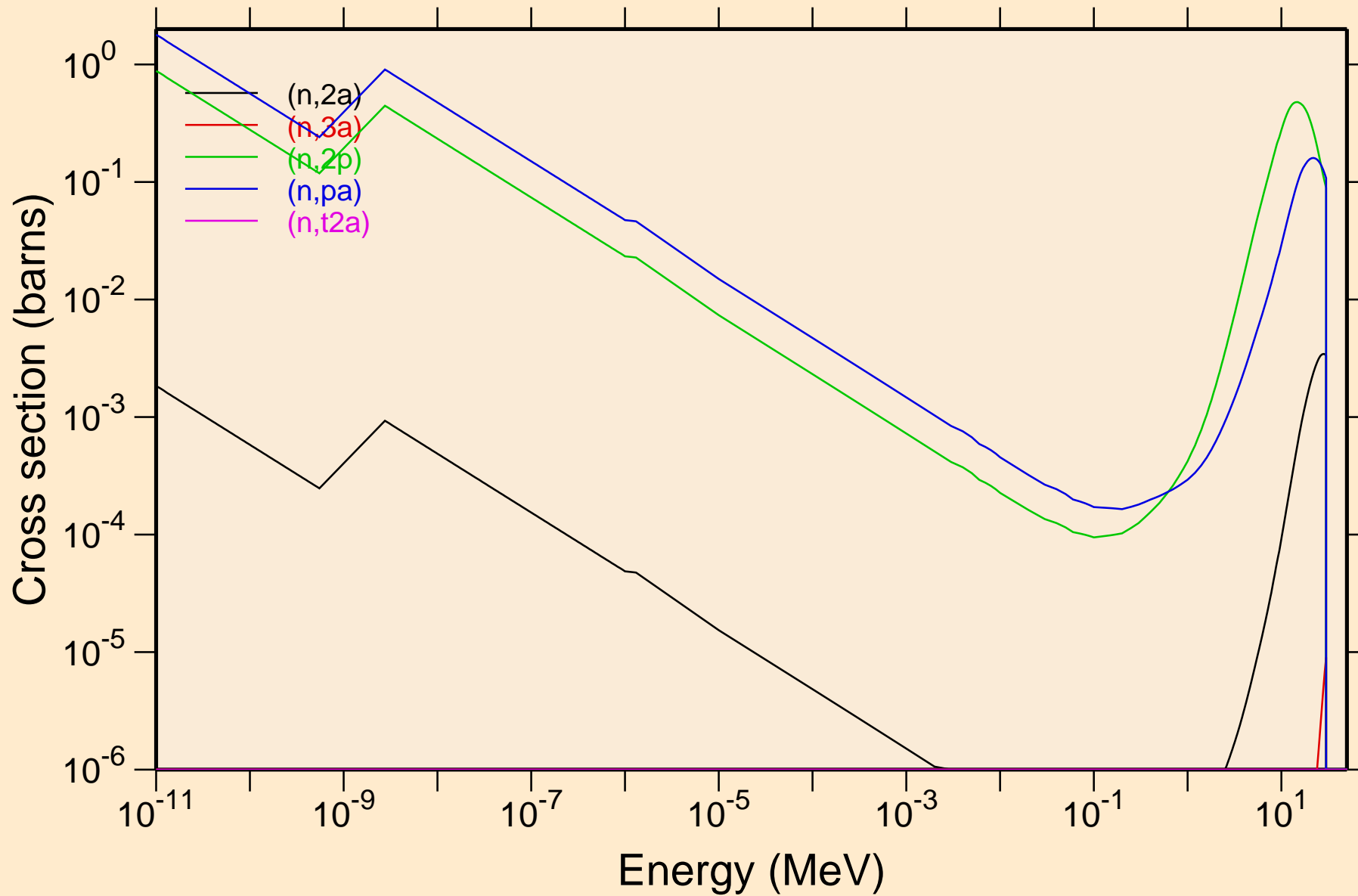
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



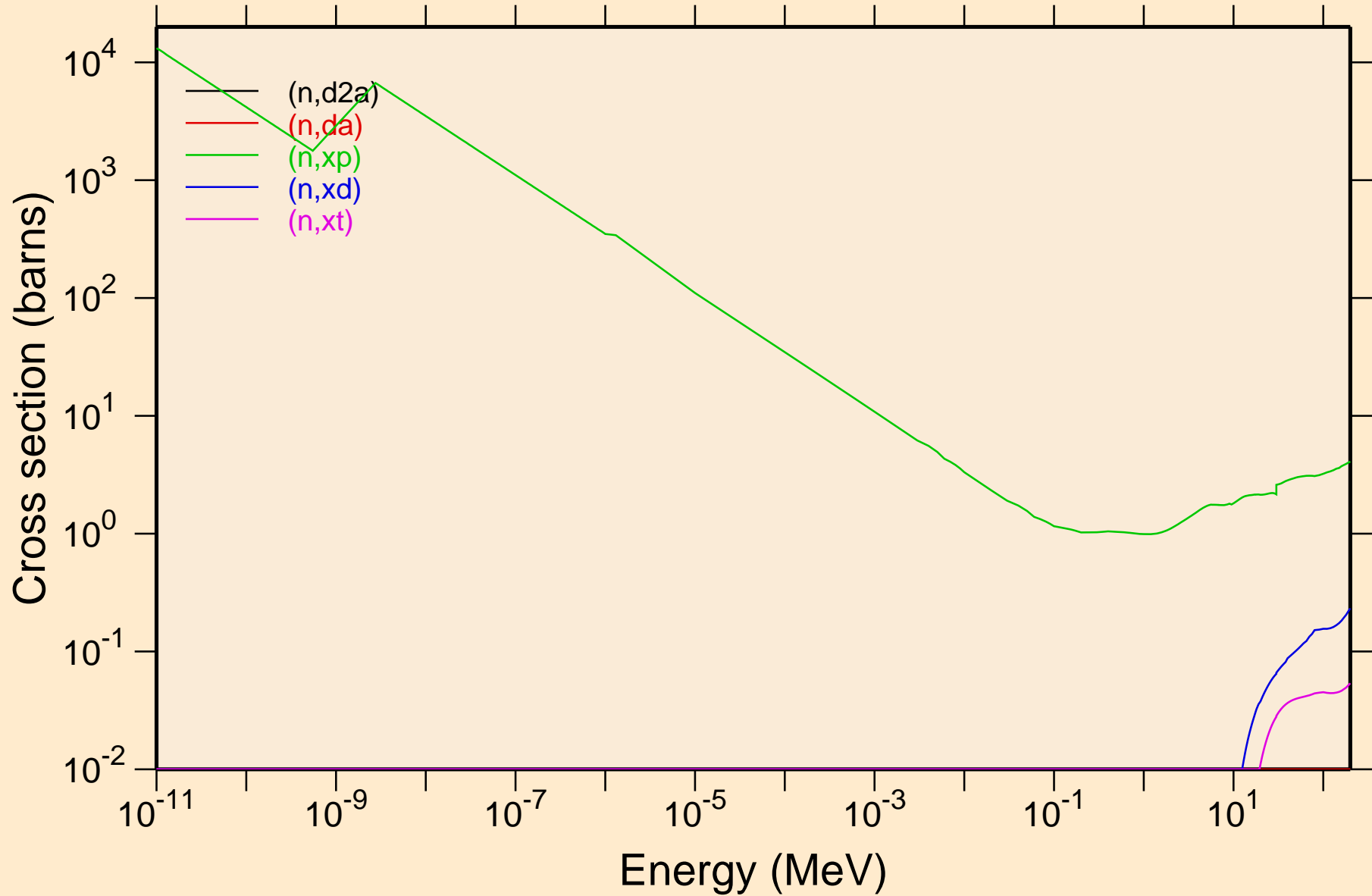
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



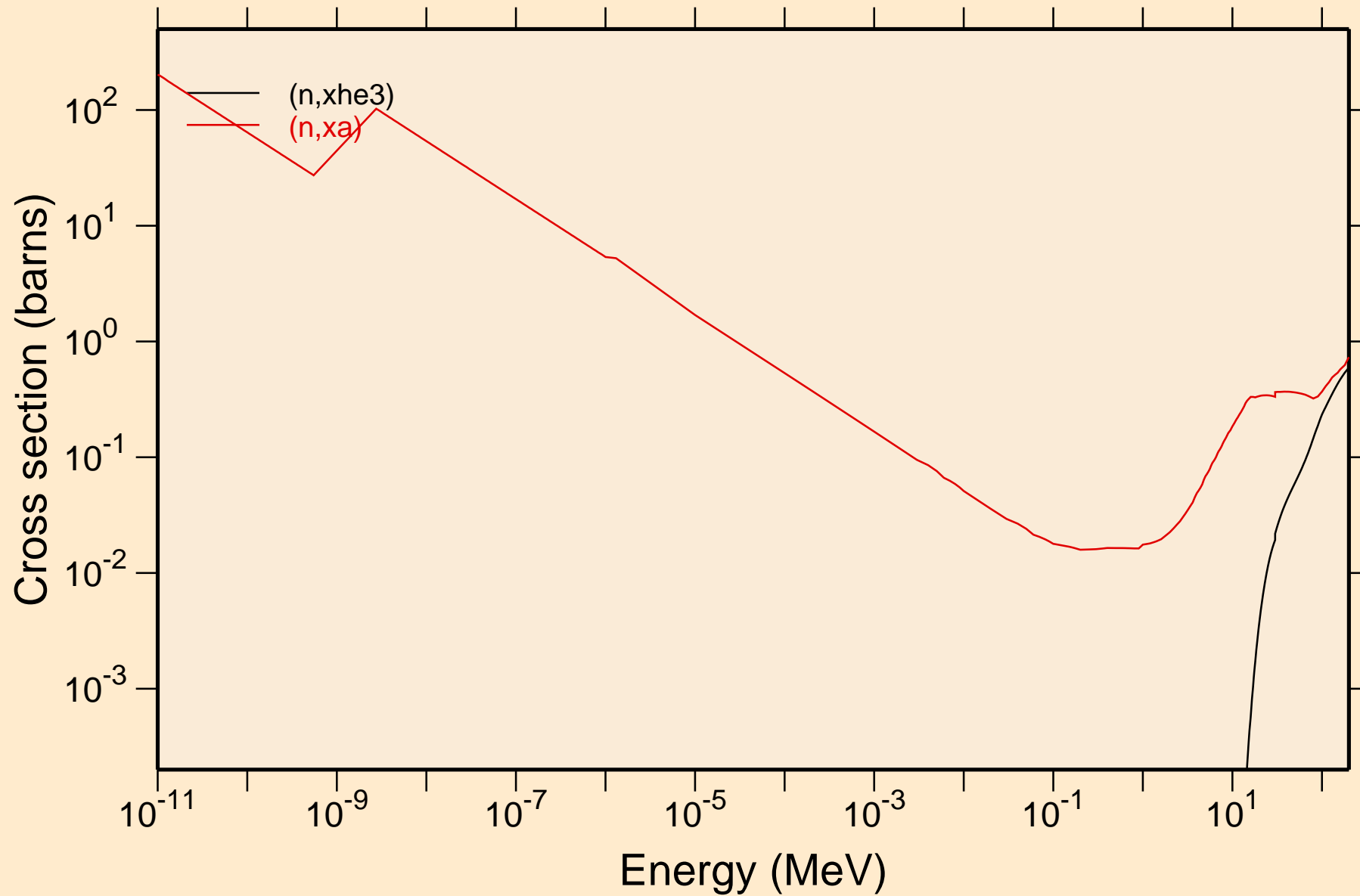
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



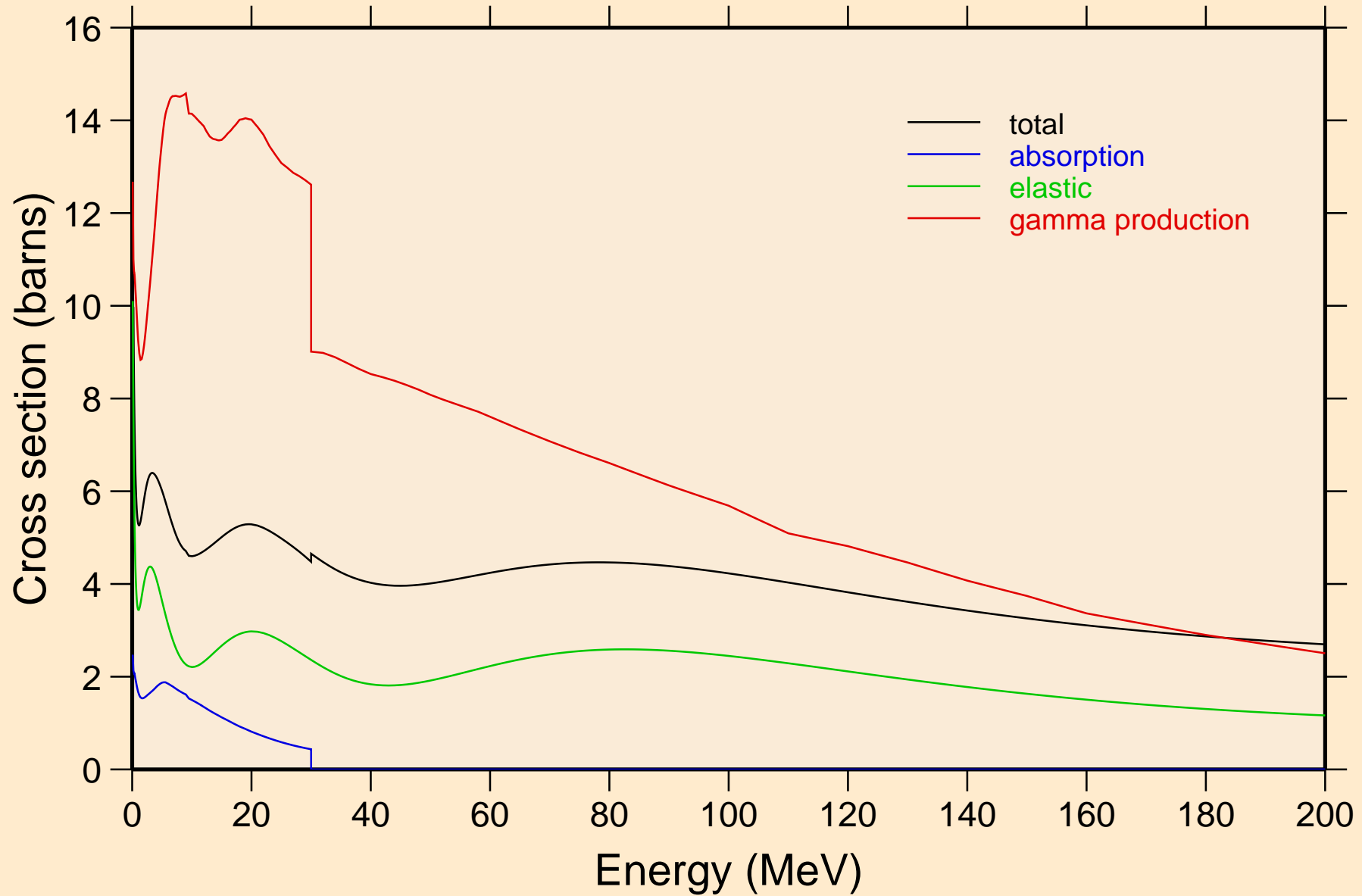
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions





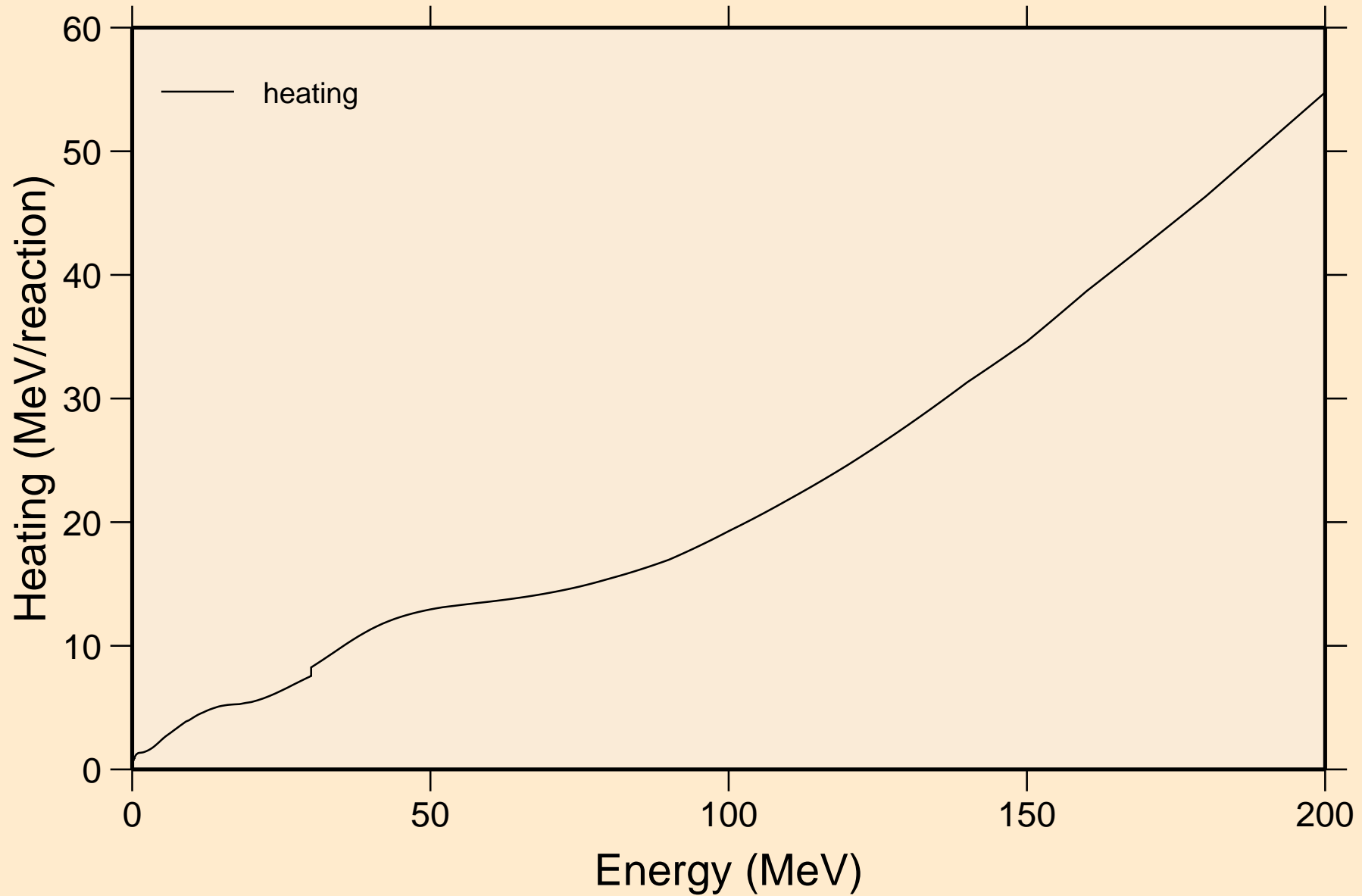
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## Principal cross sections

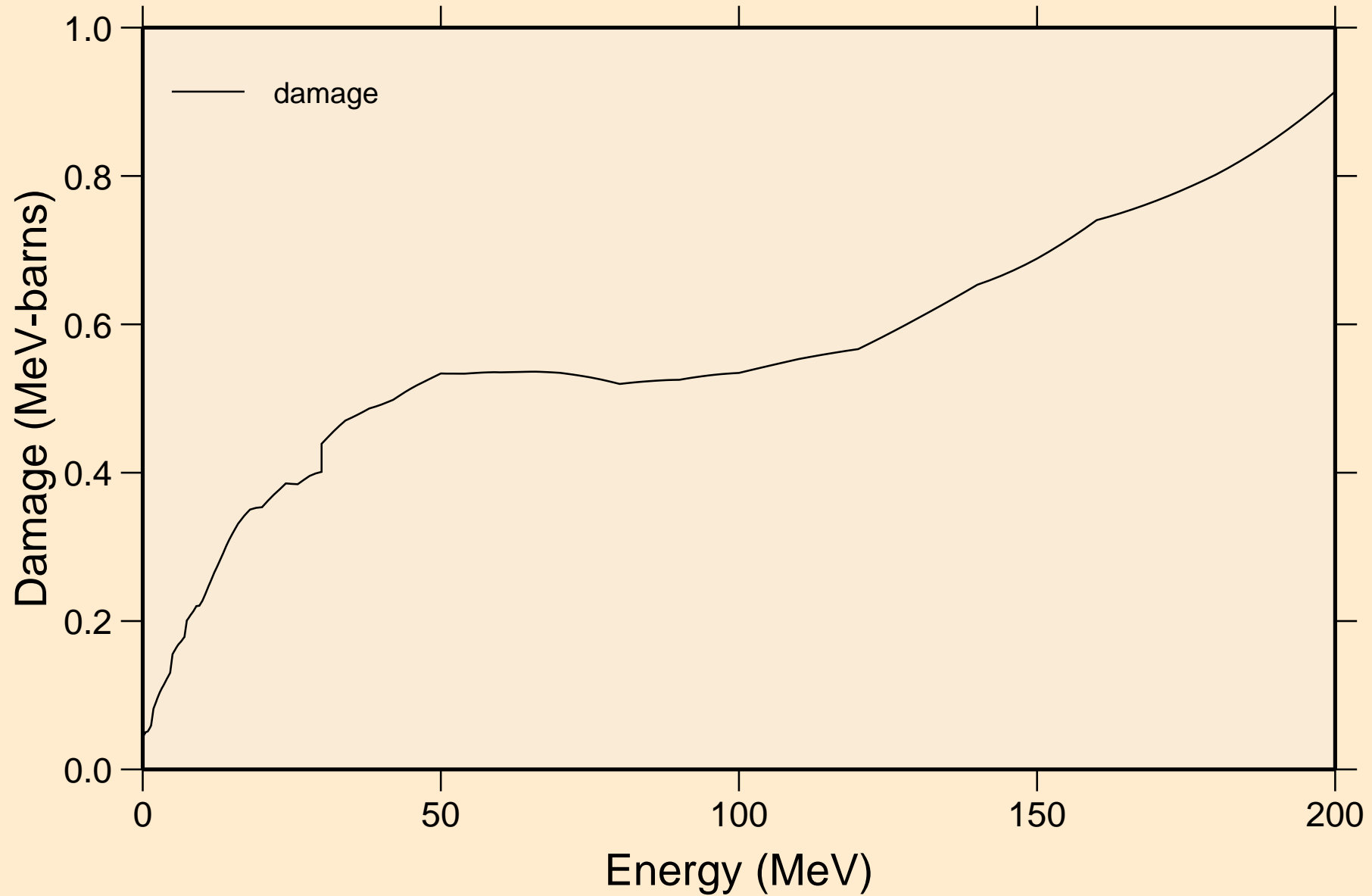


# AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

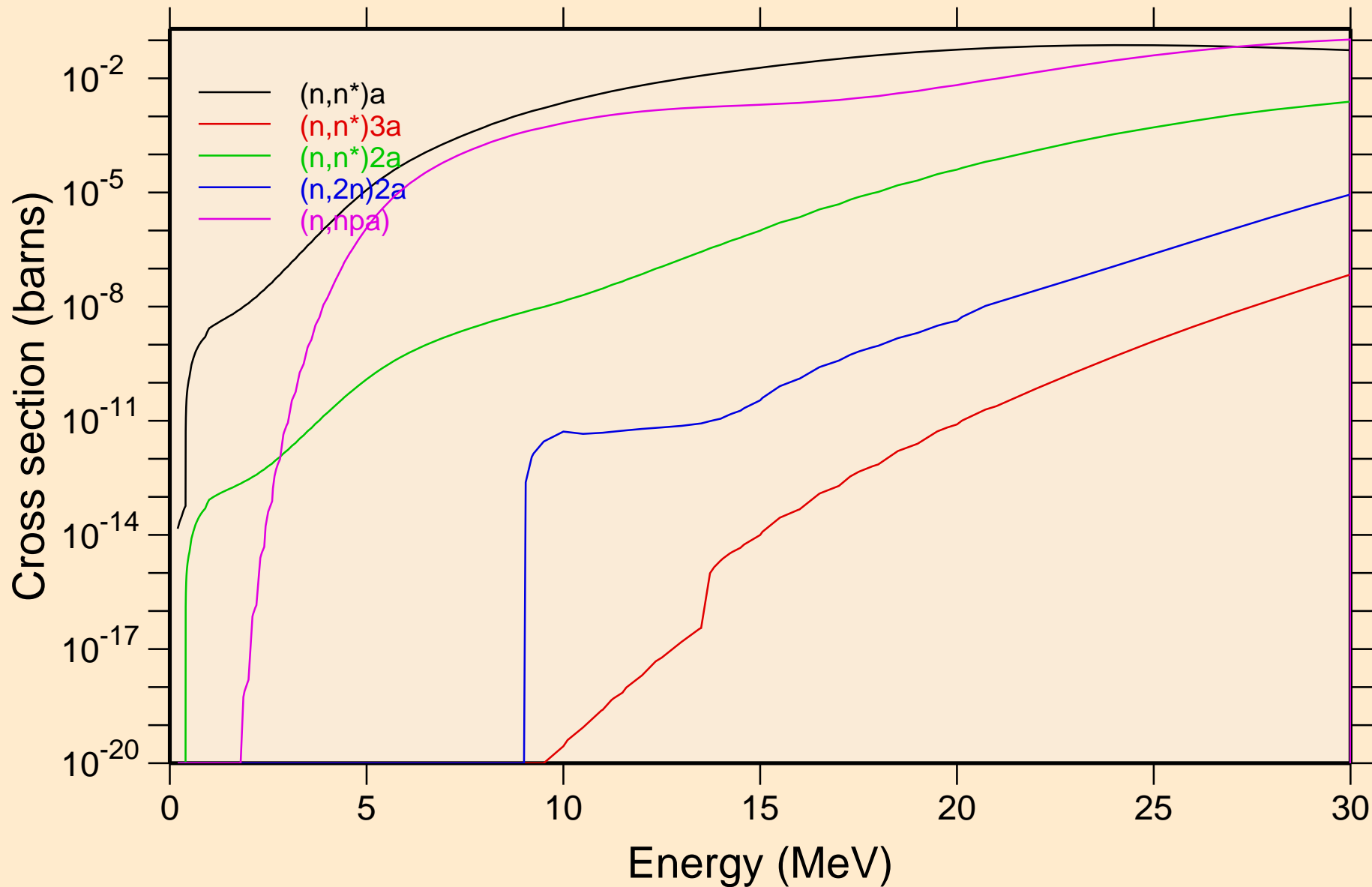
## Heating



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

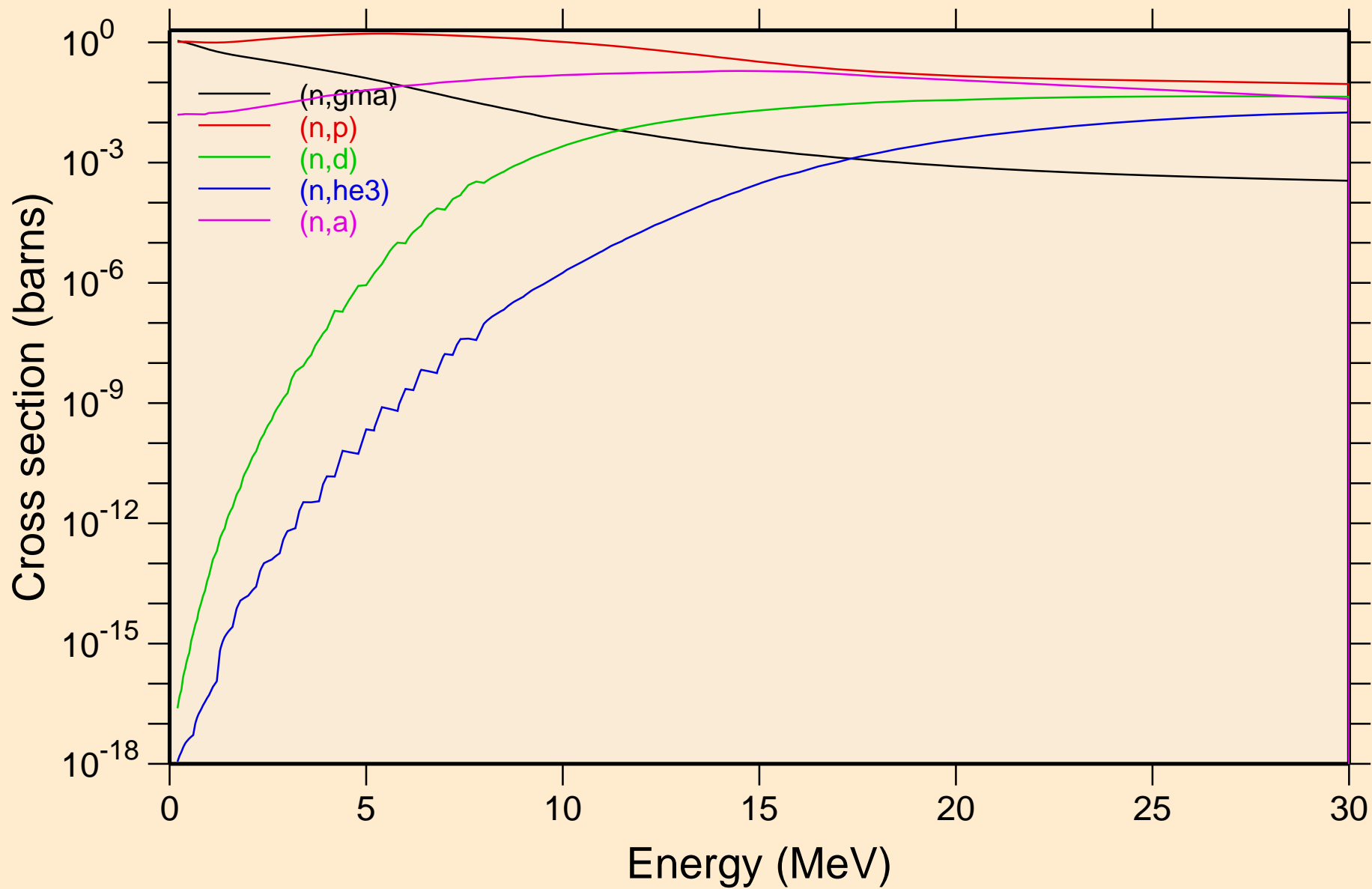


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

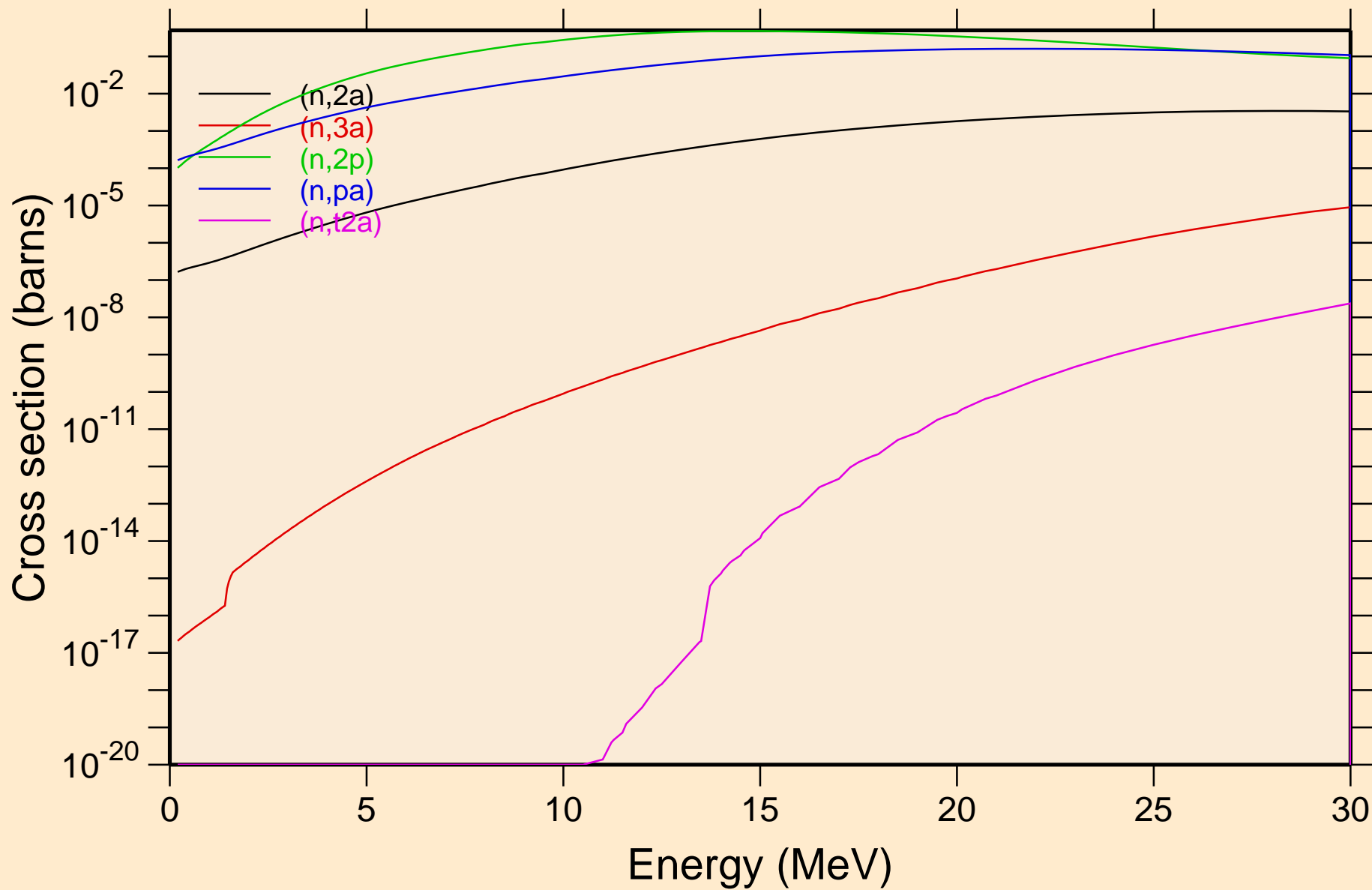


# AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

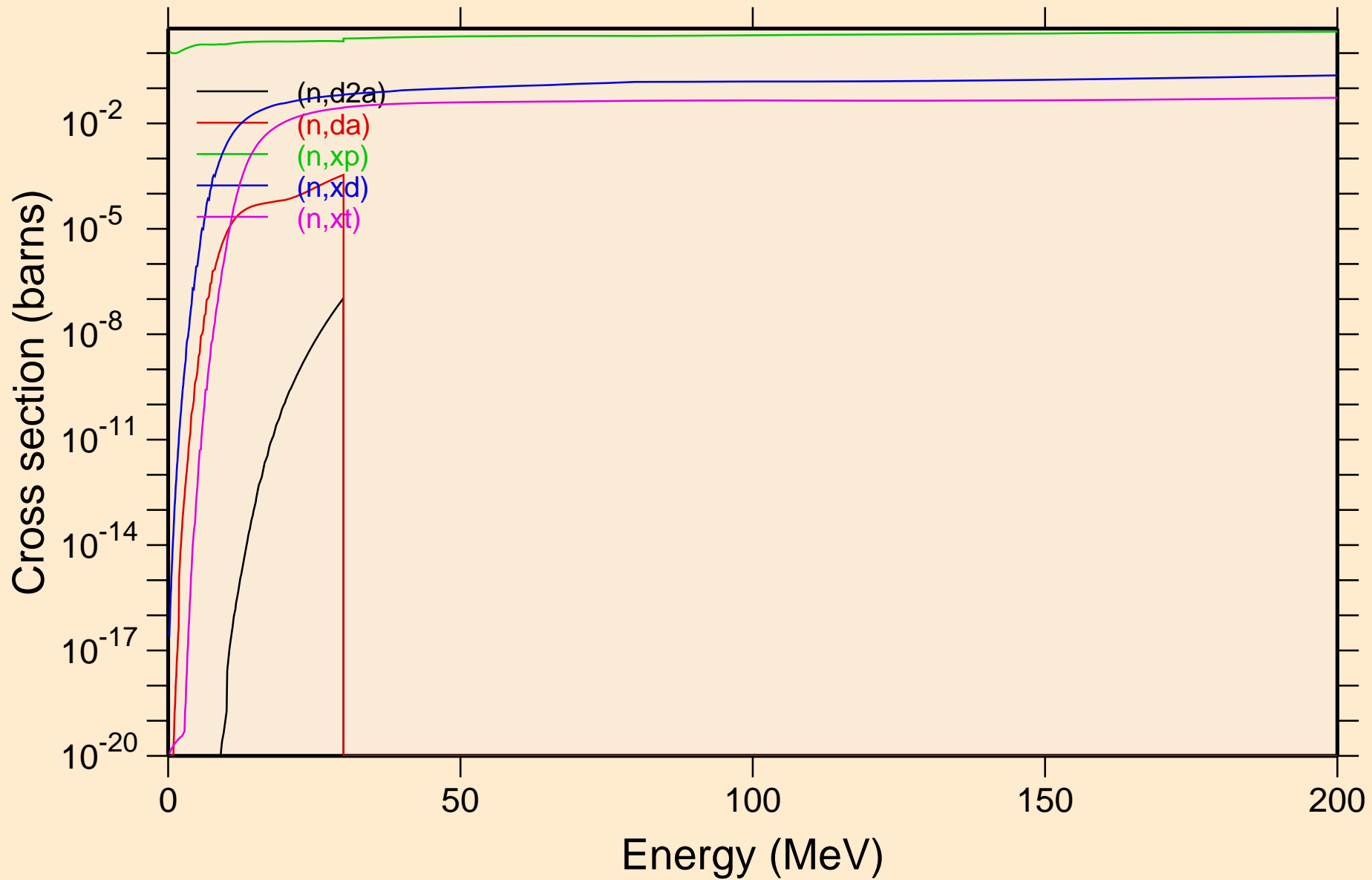


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

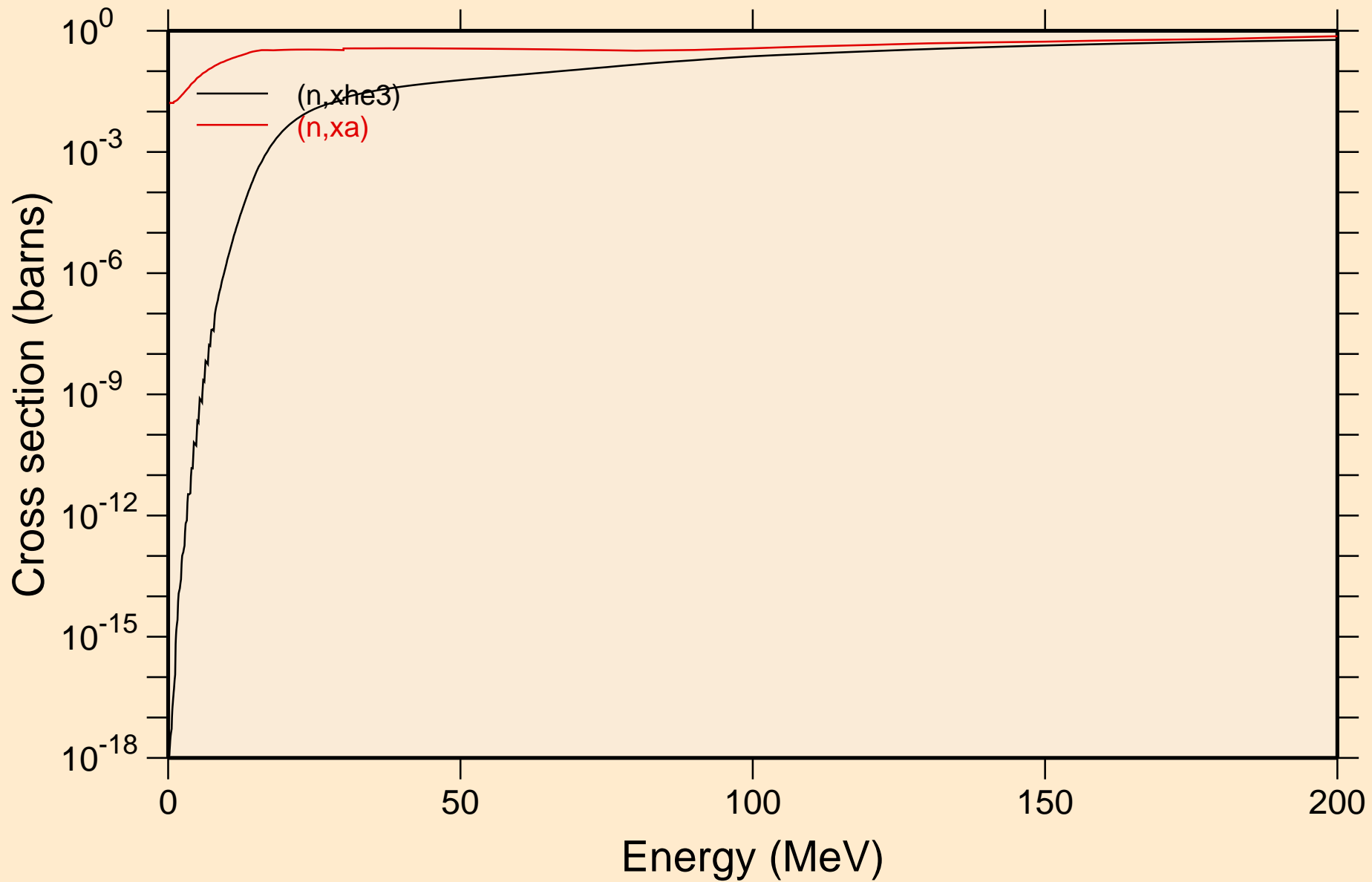


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## Non-threshold reactions

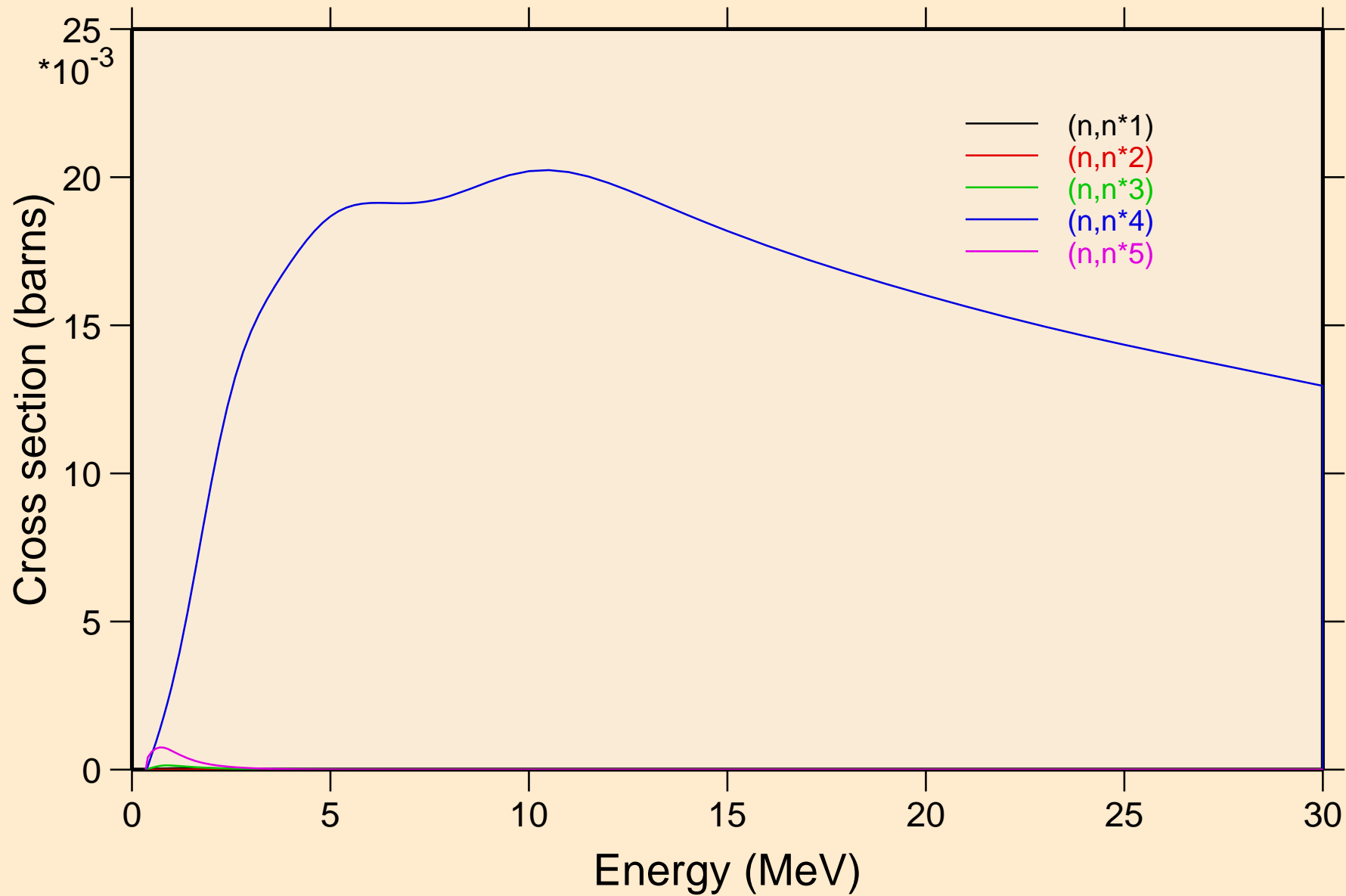


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

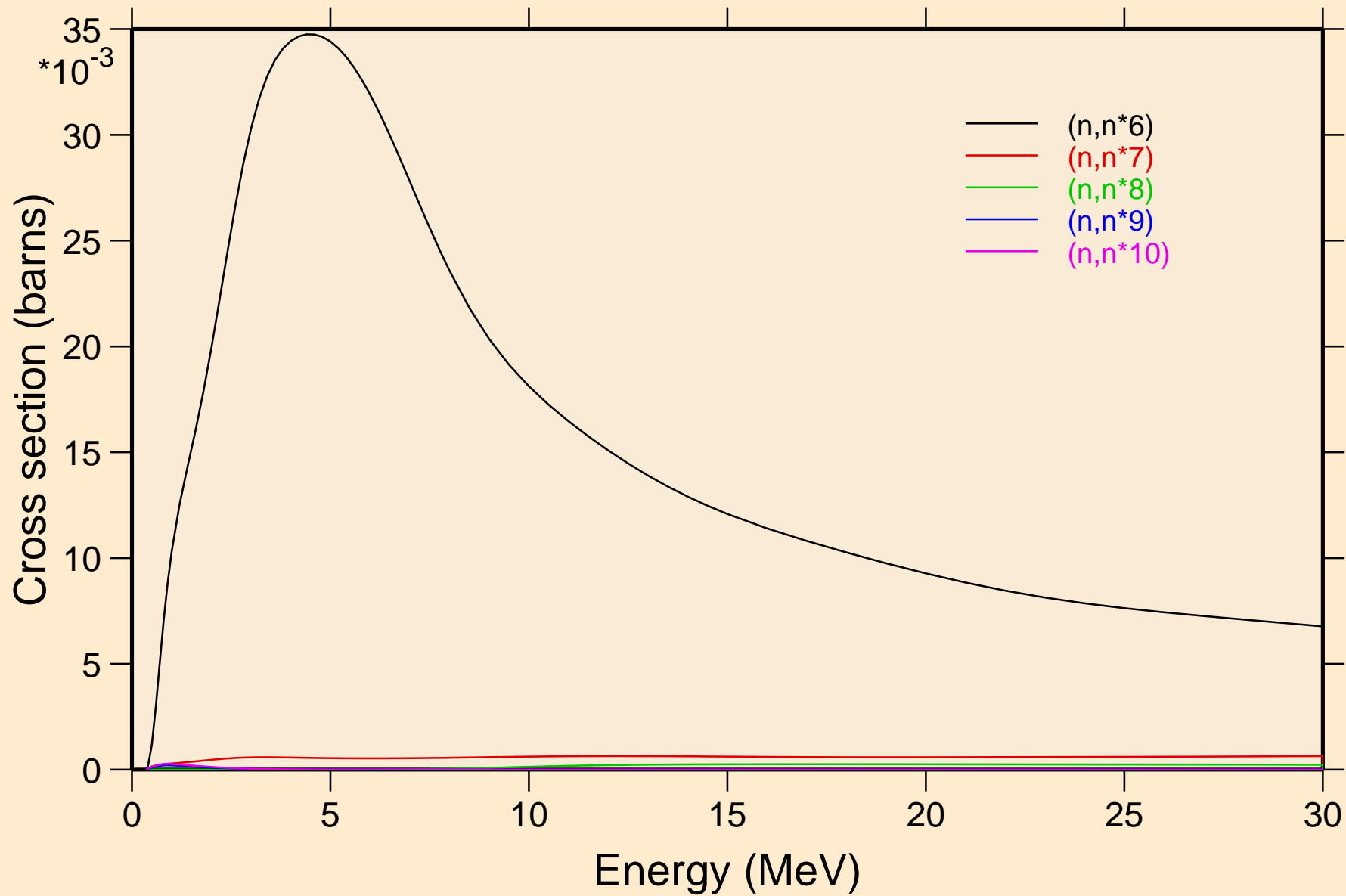




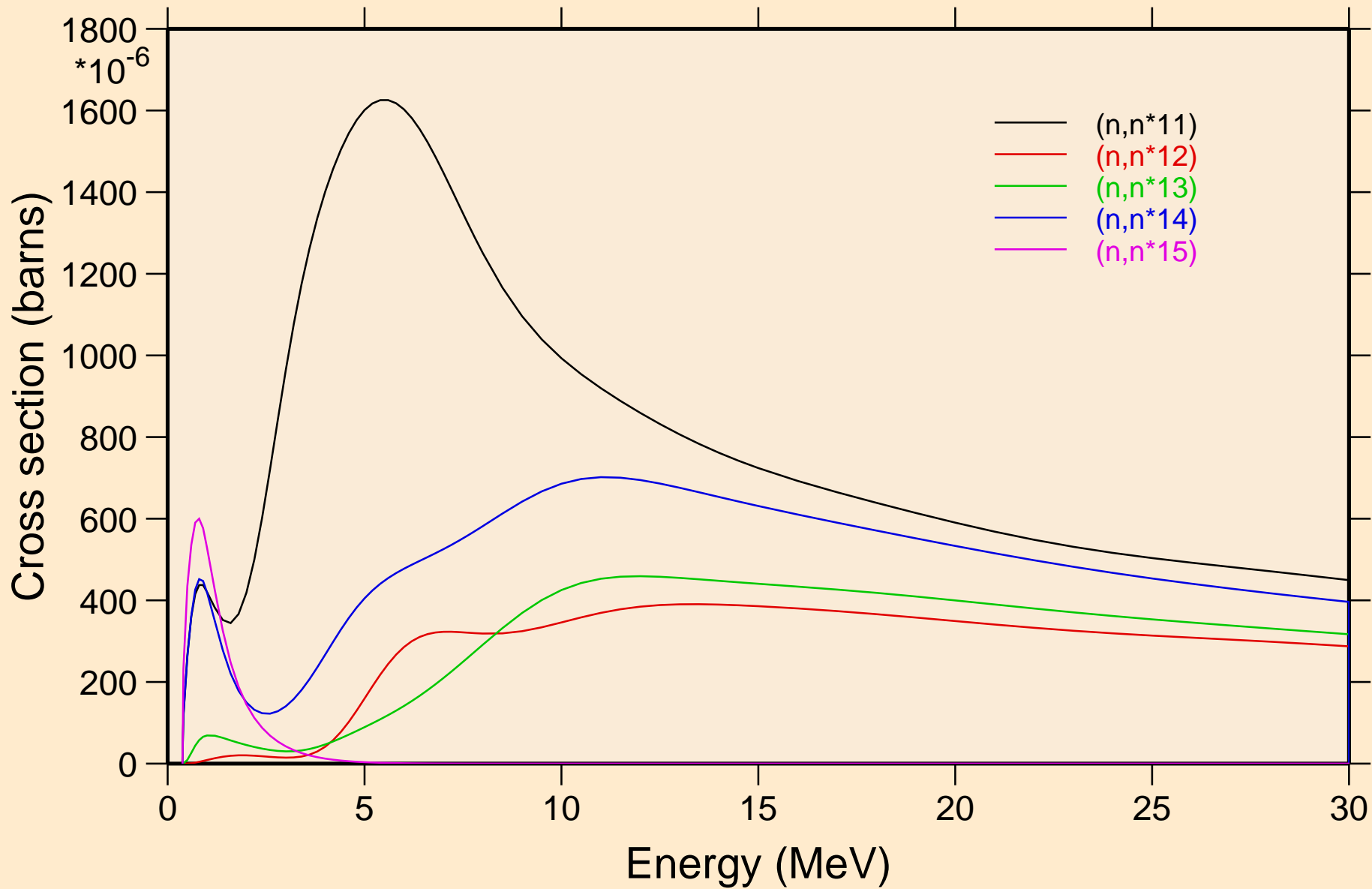
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



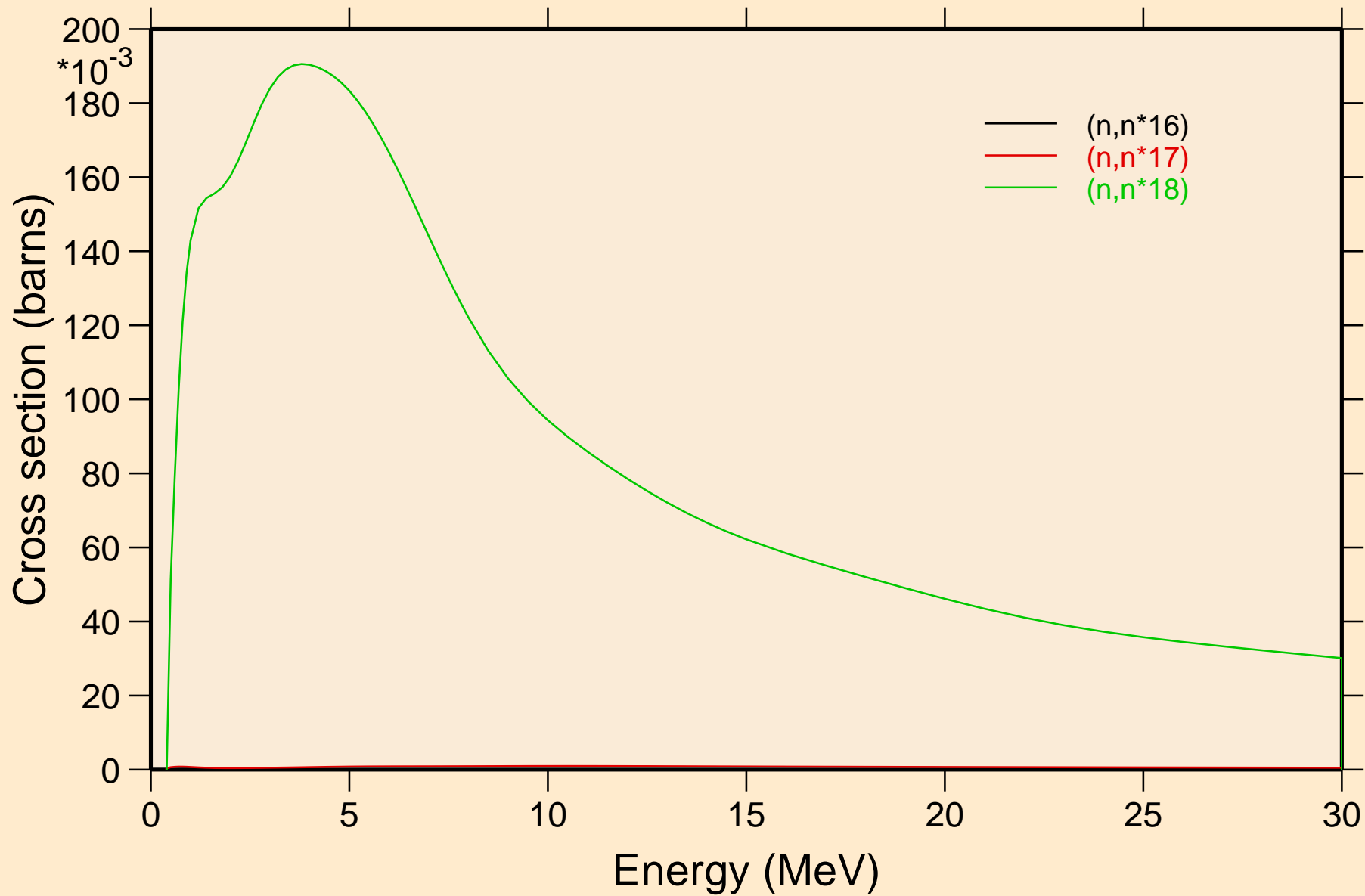
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

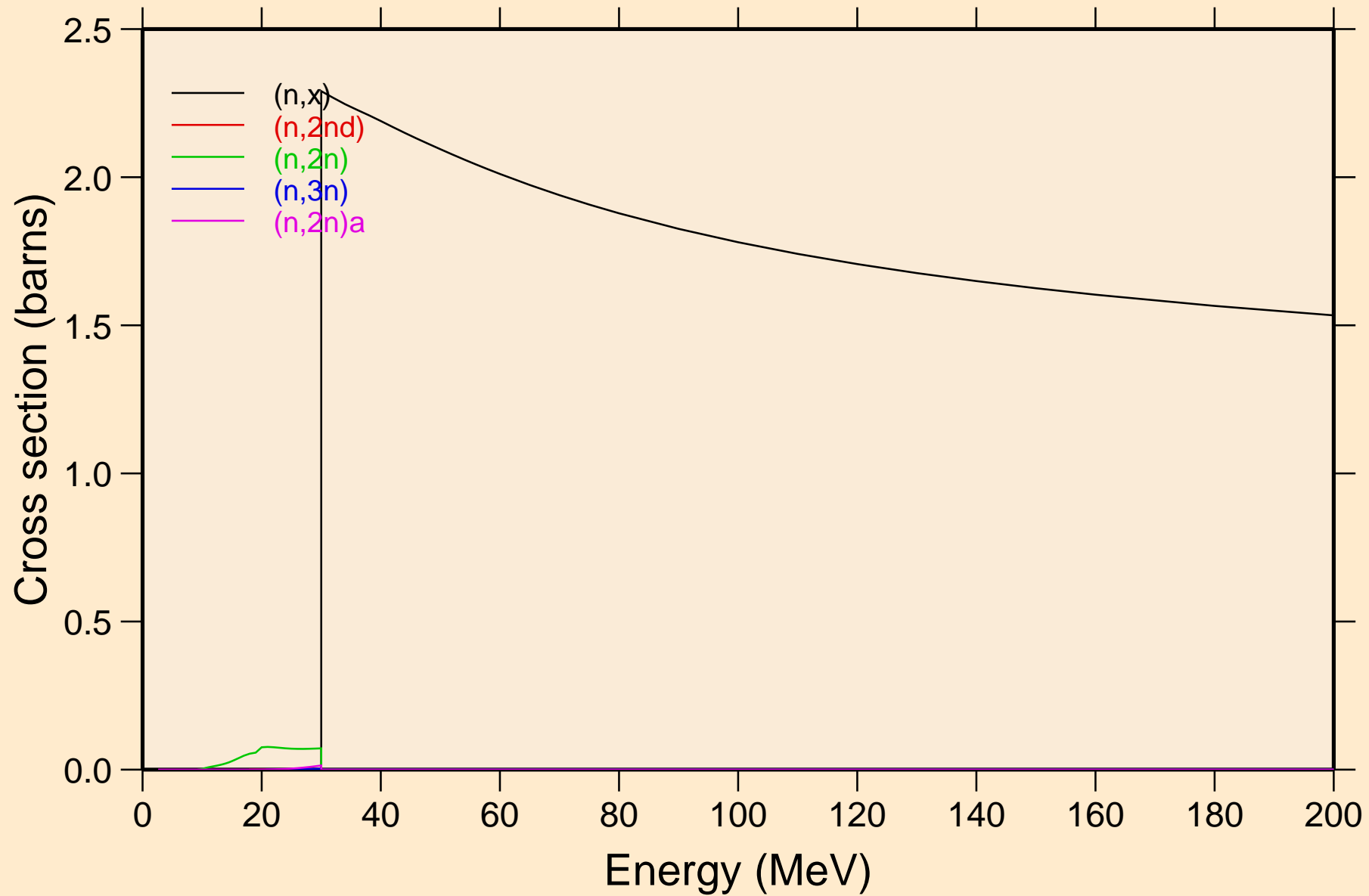


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

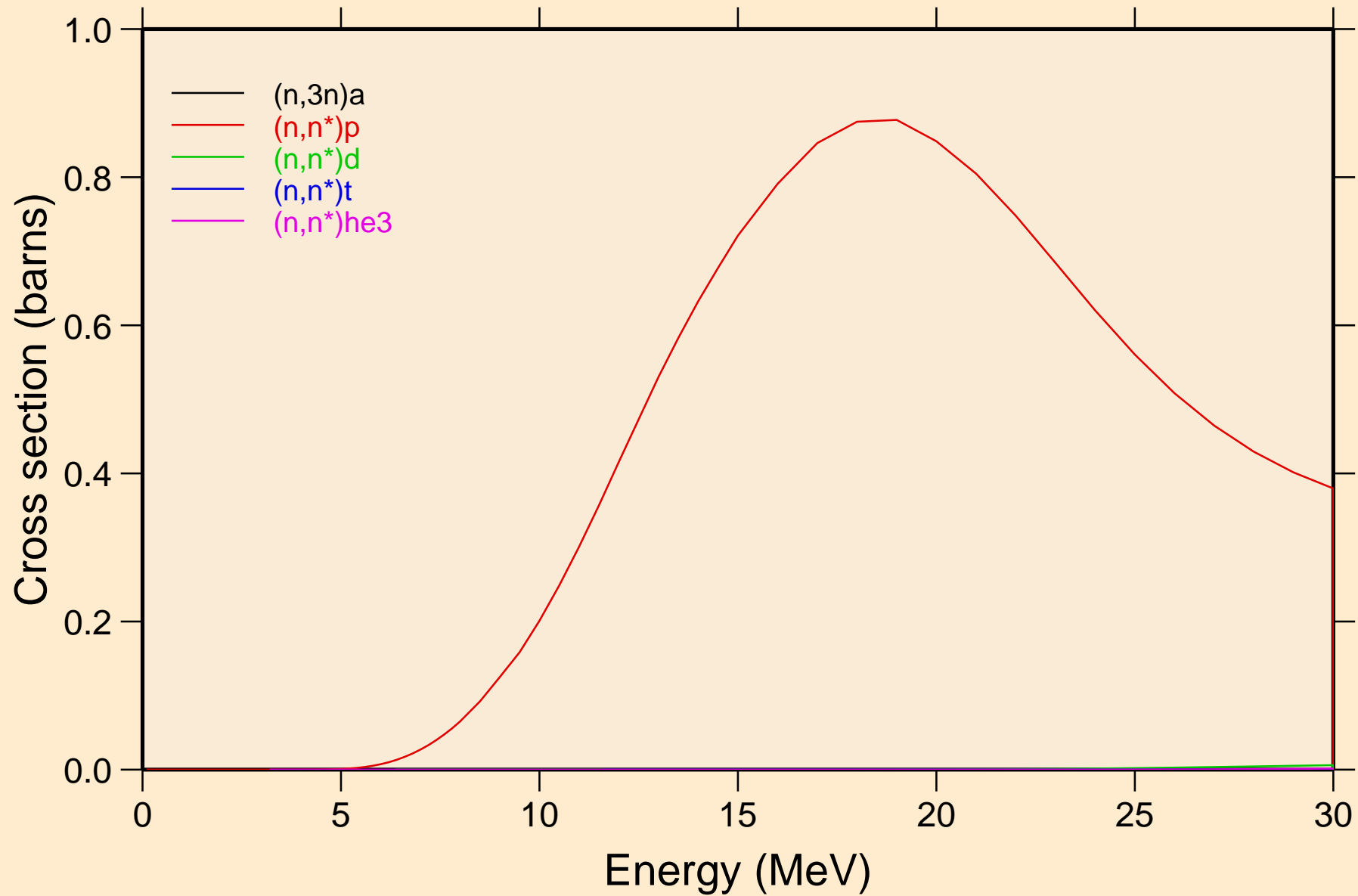


# AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

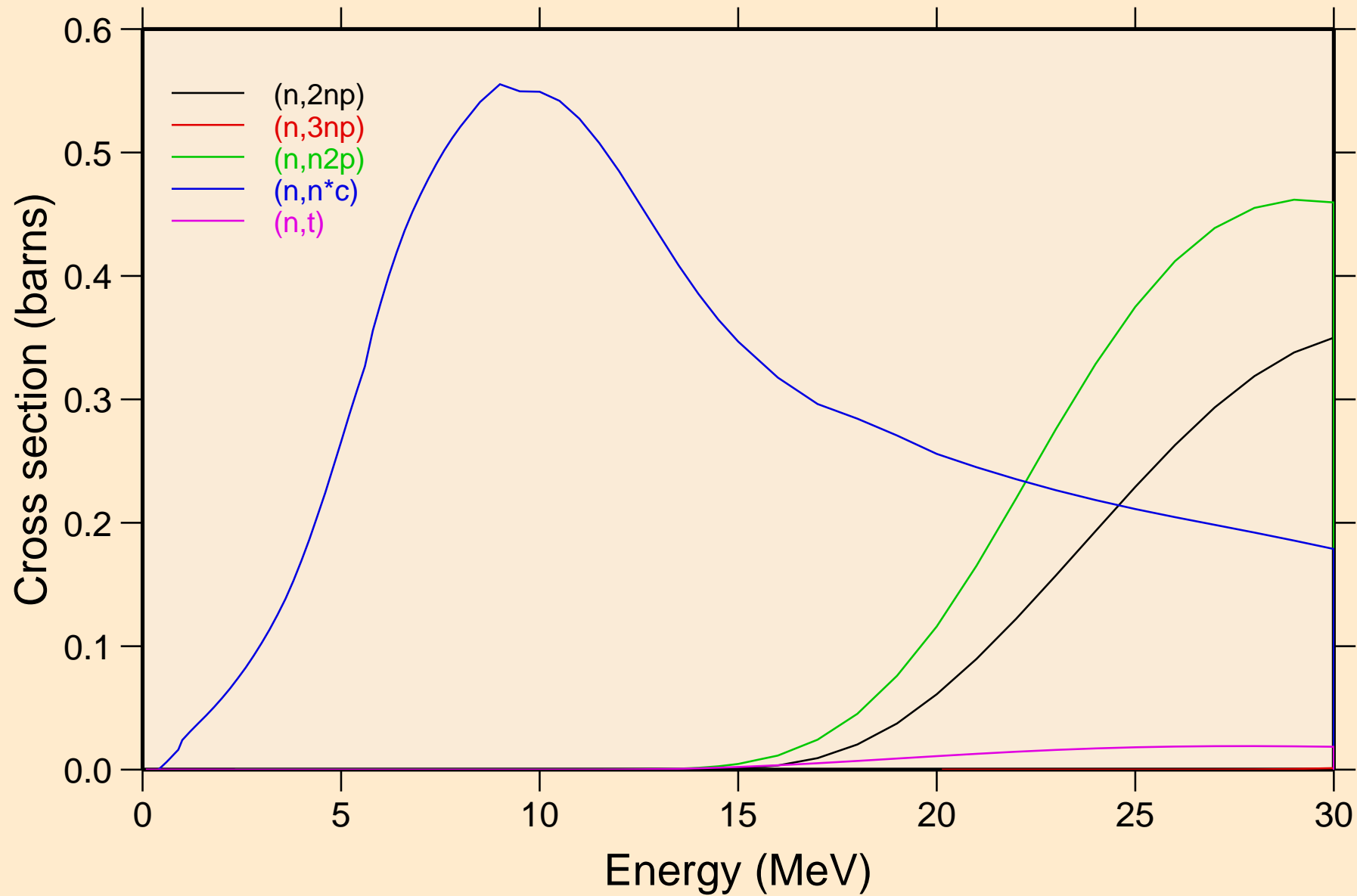
## Threshold reactions



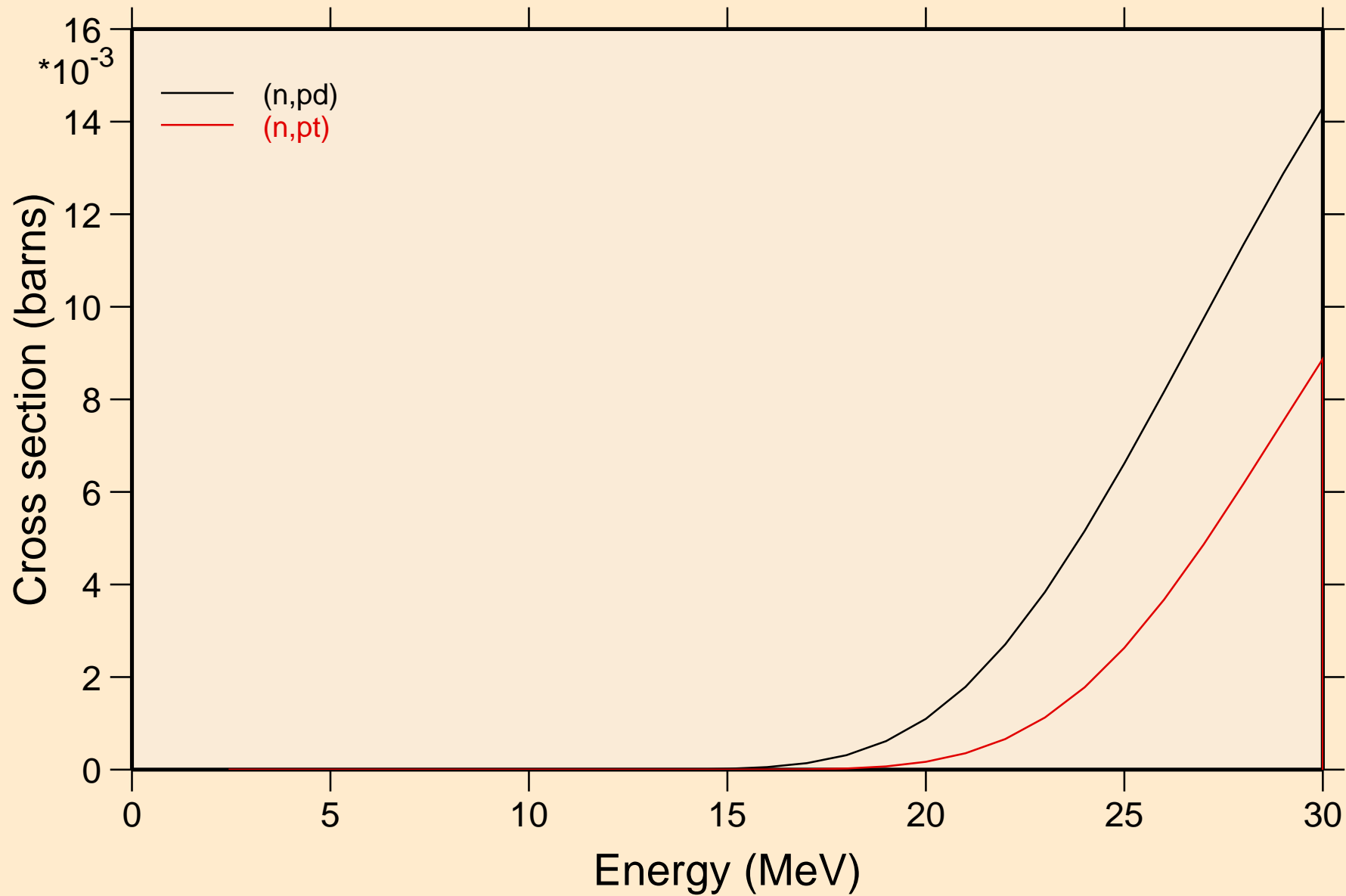
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

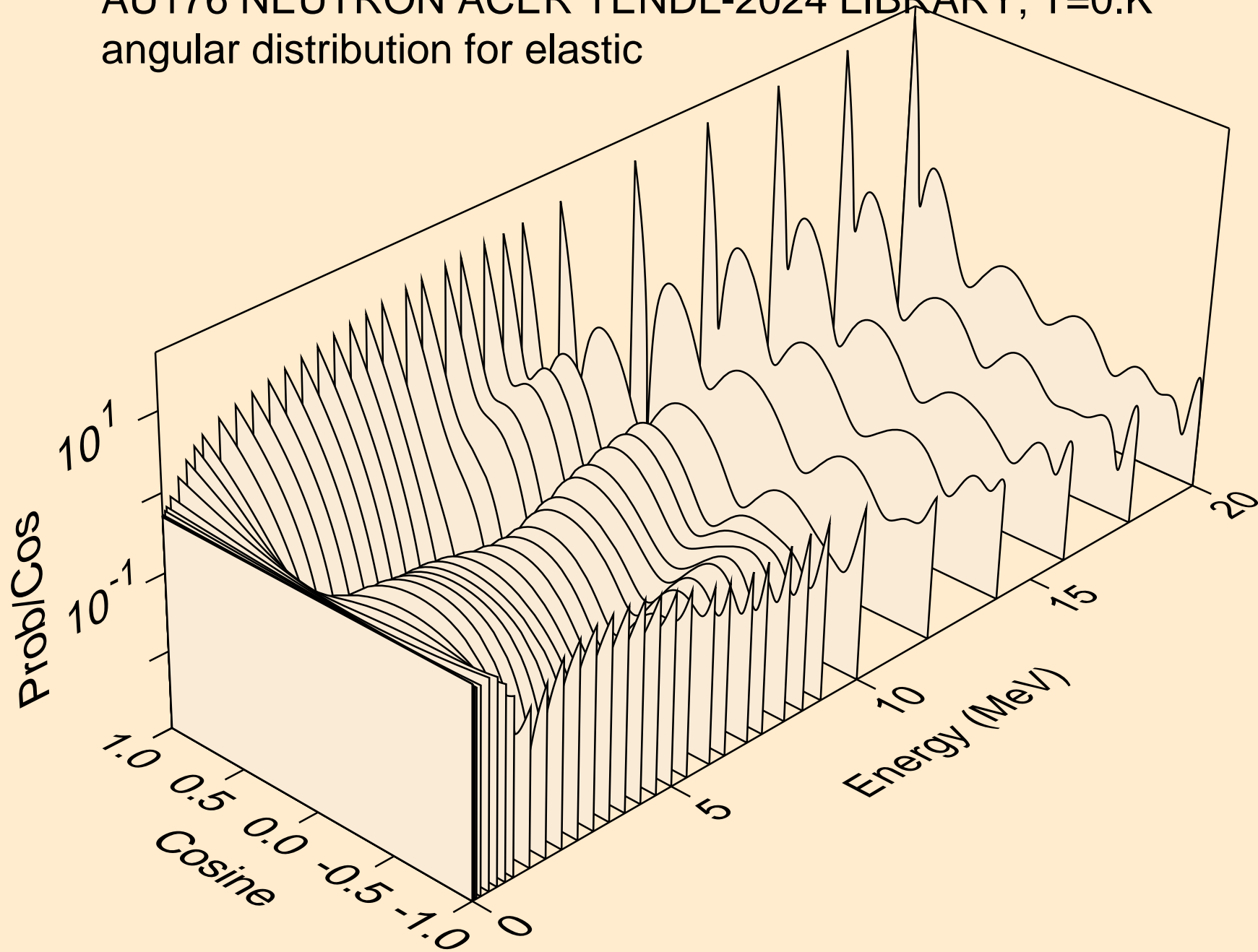


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

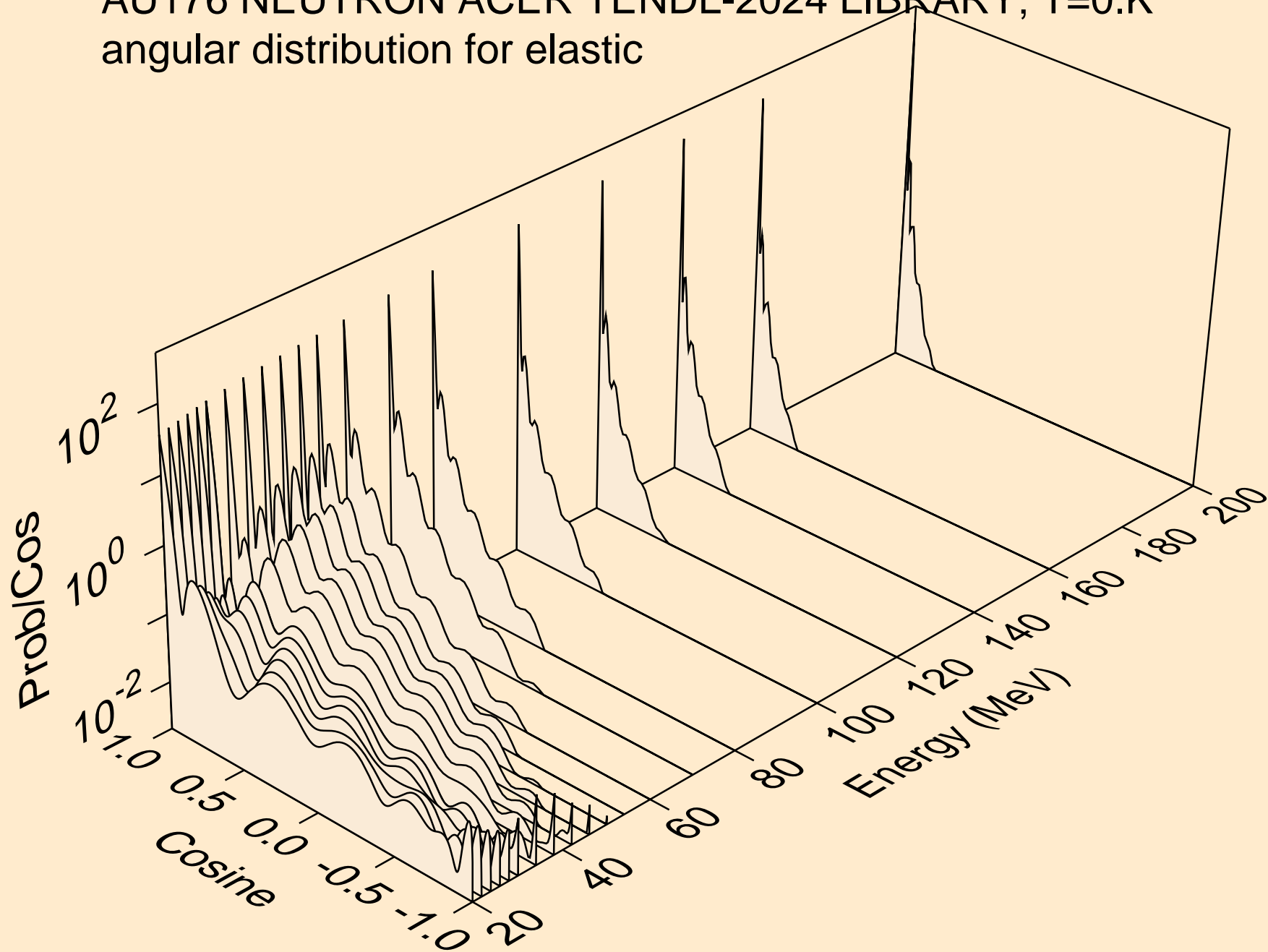




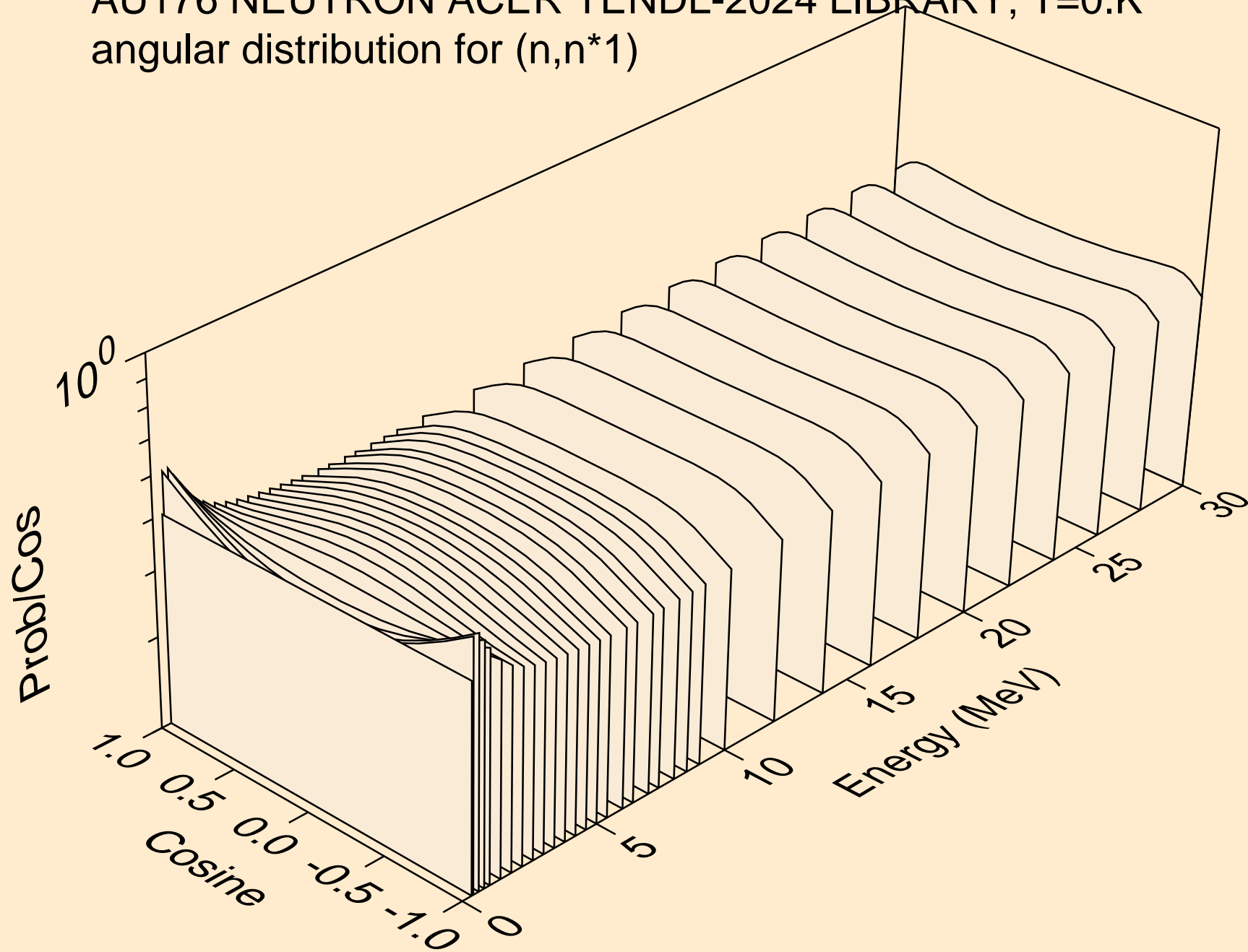
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



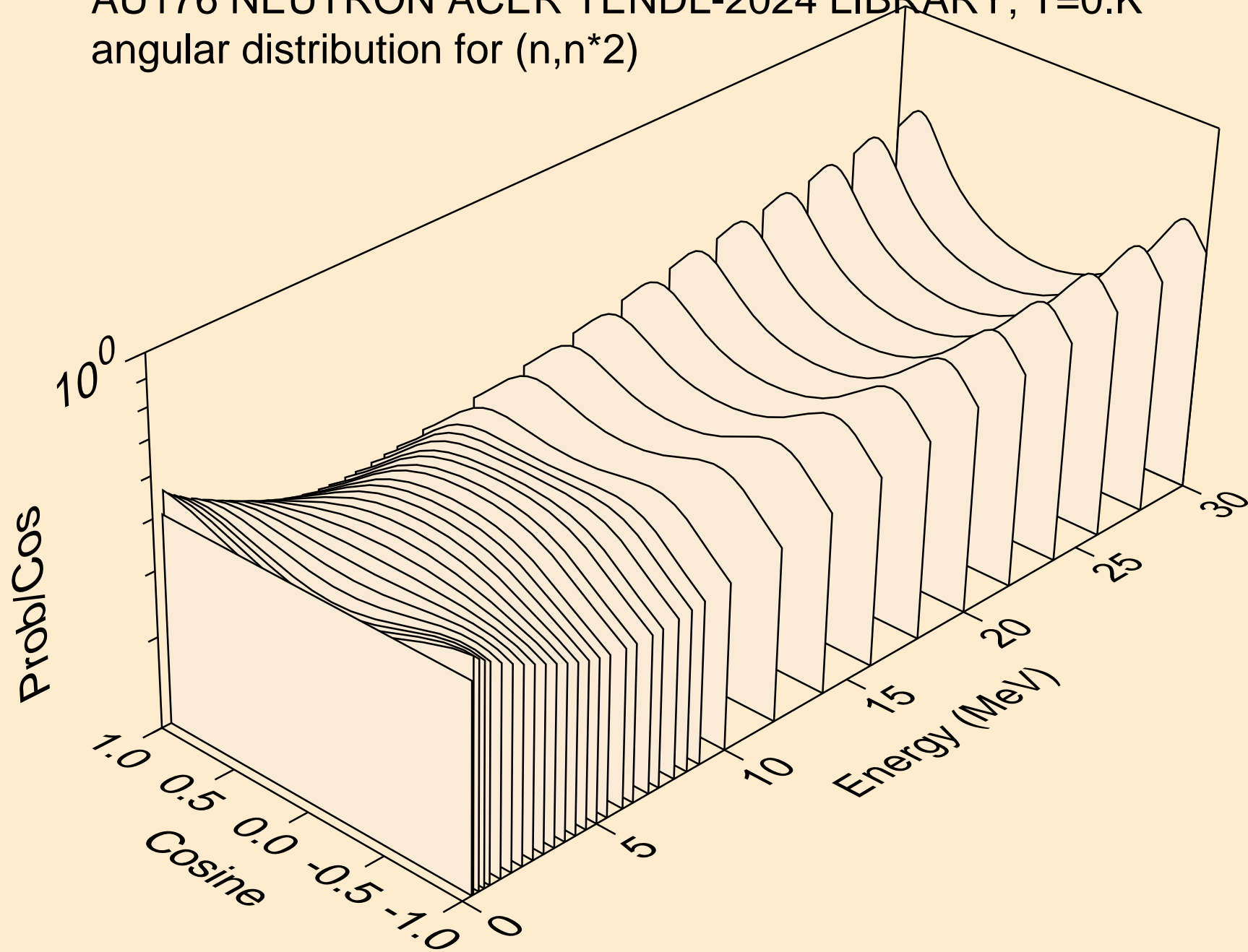
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angular distribution for elastic



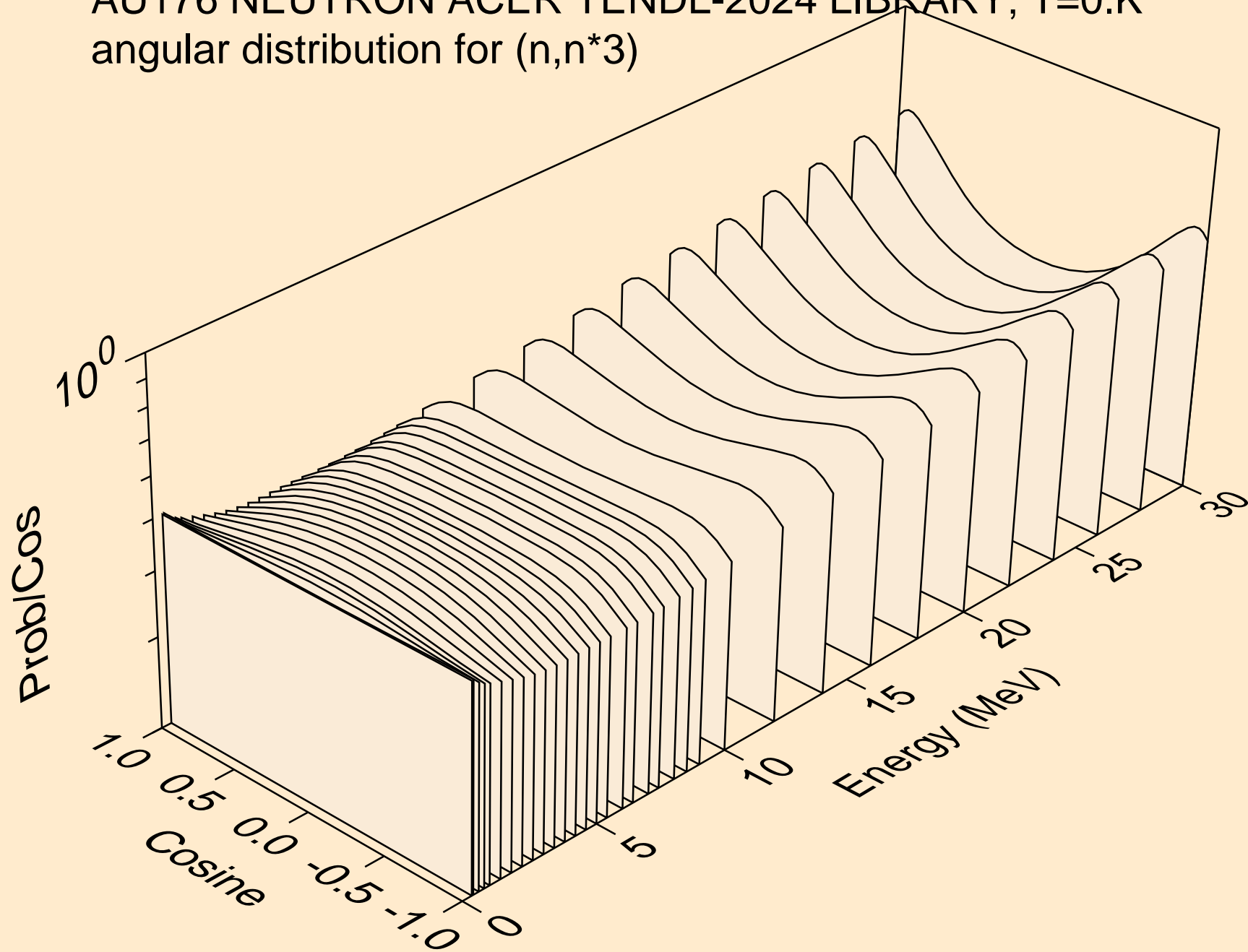
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



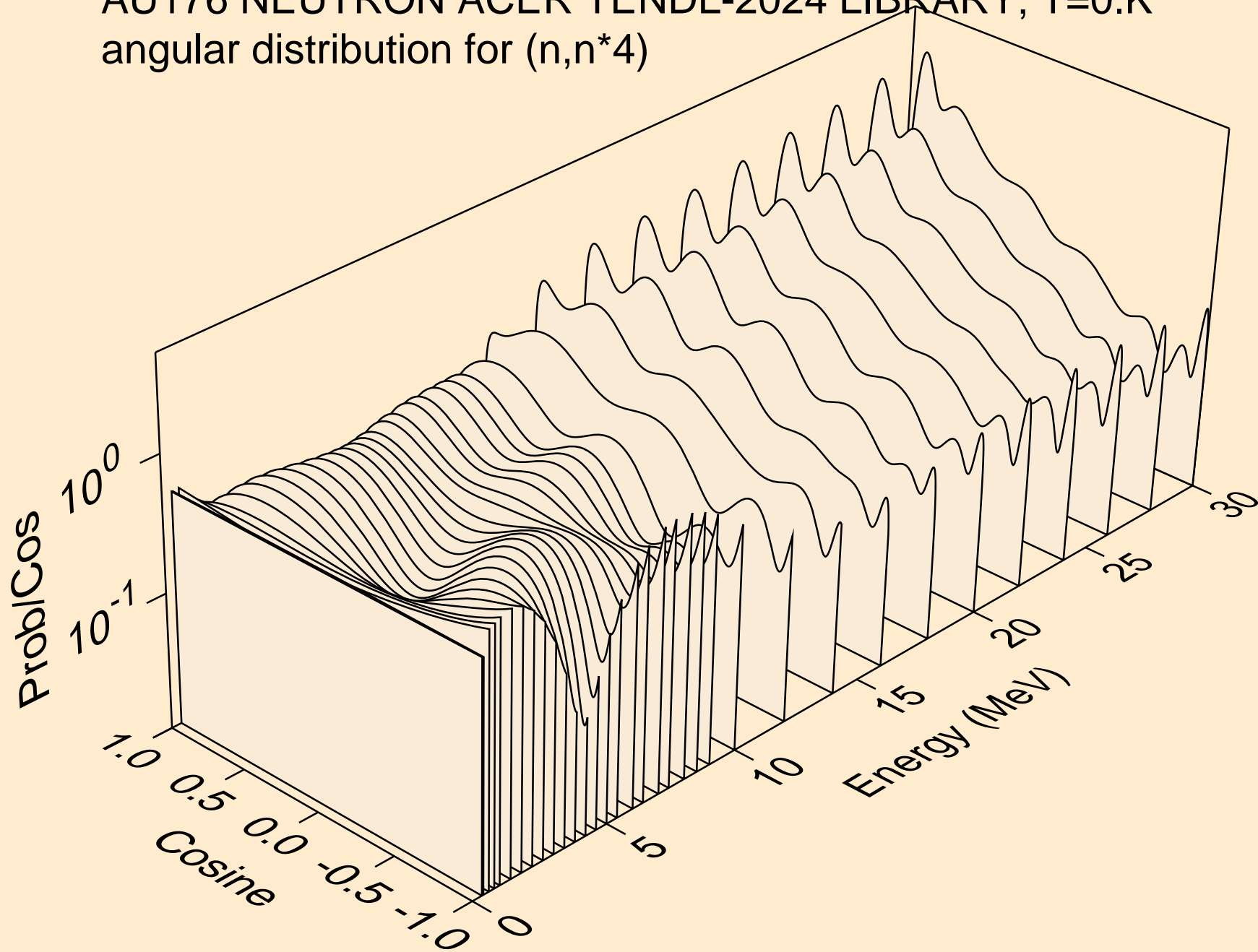
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angular distribution for (n,n\*2)



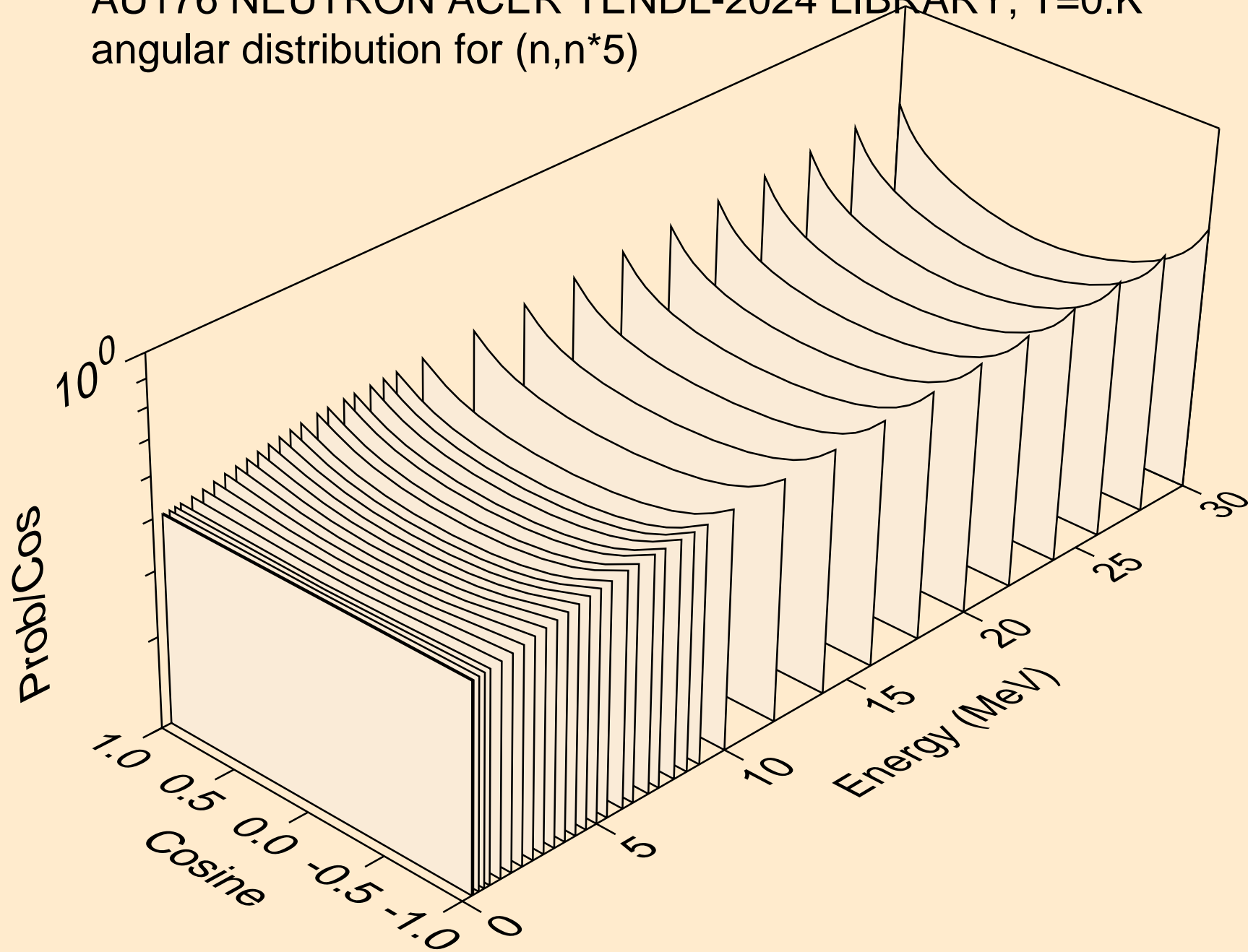
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angular distribution for (n,n\*3)



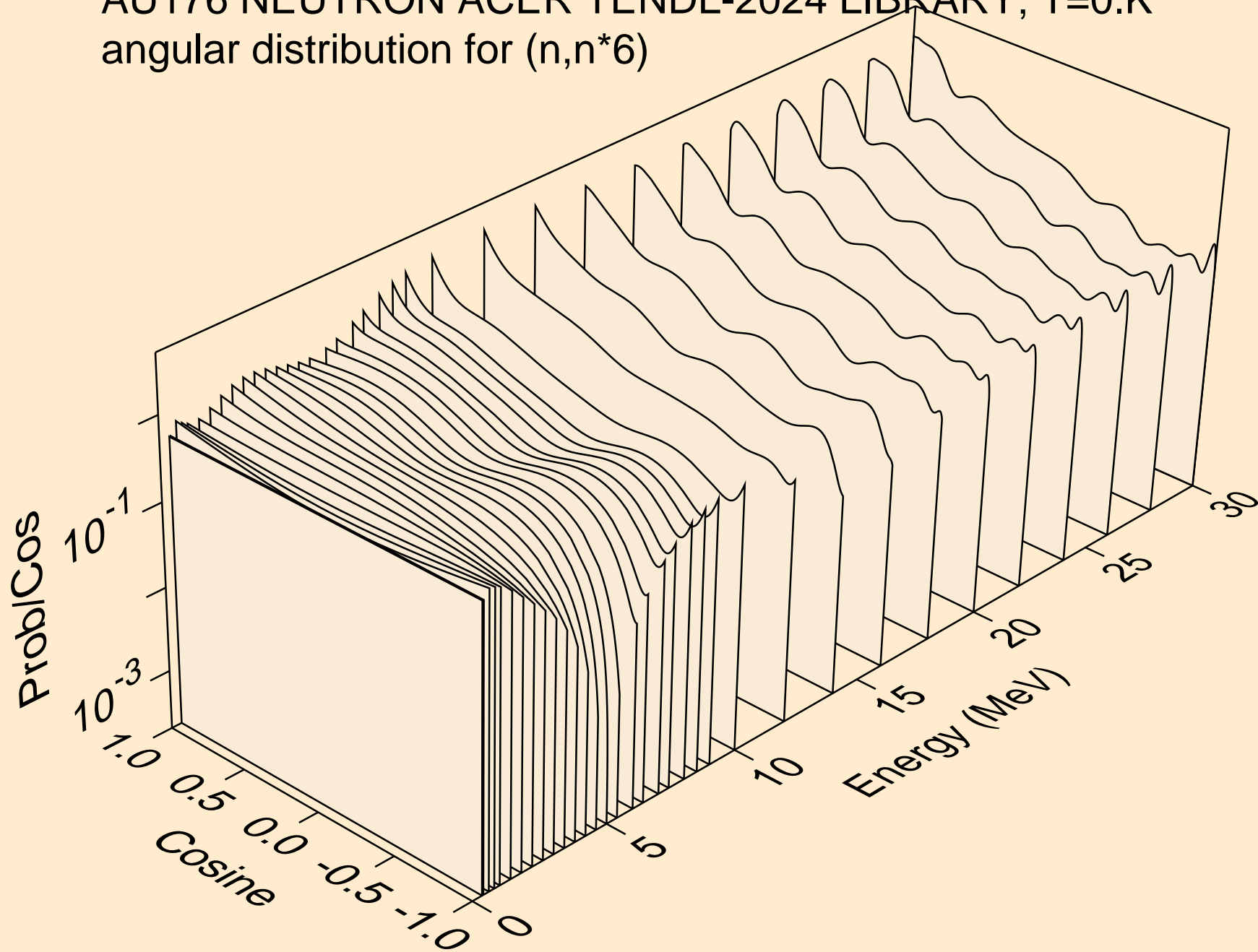
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

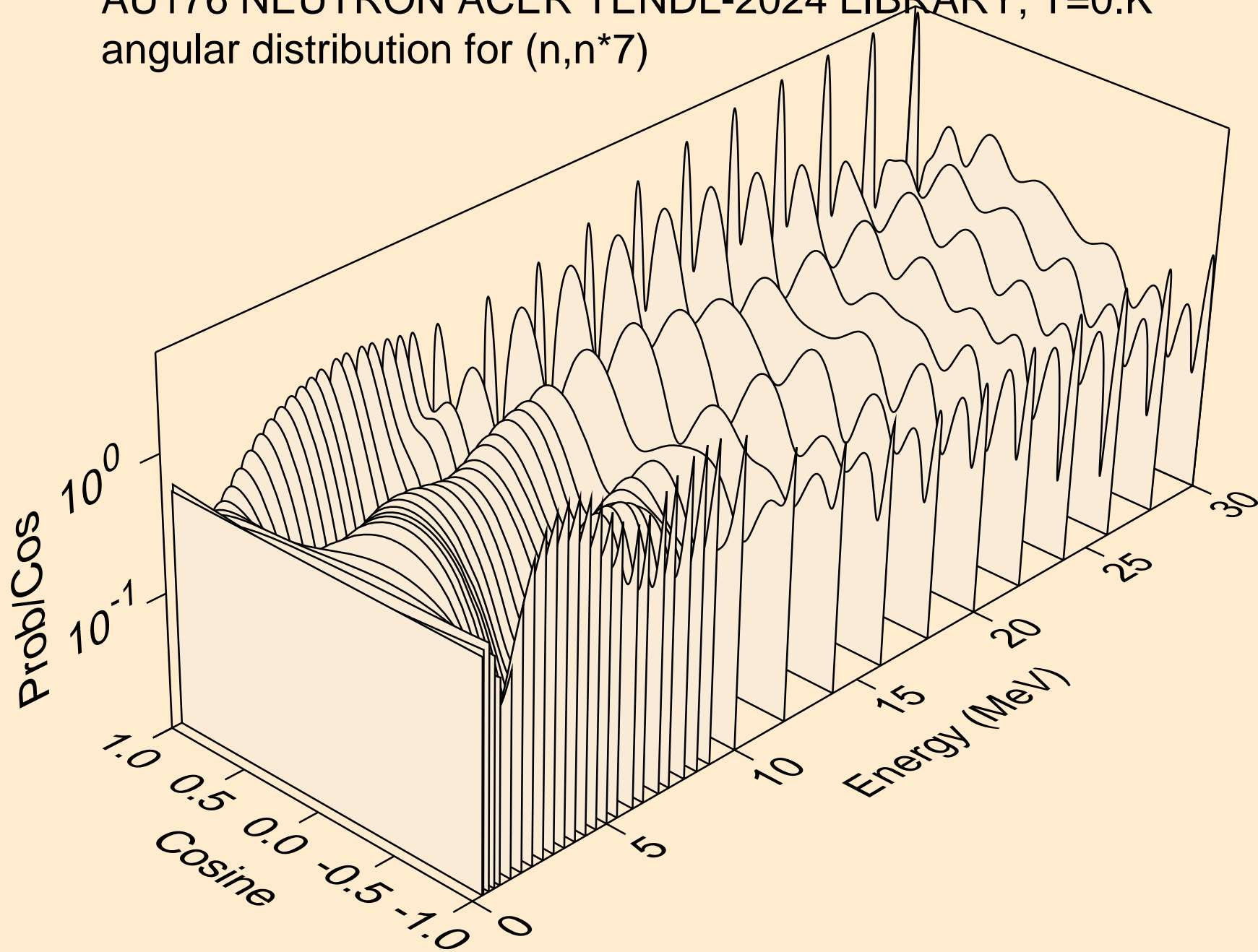


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

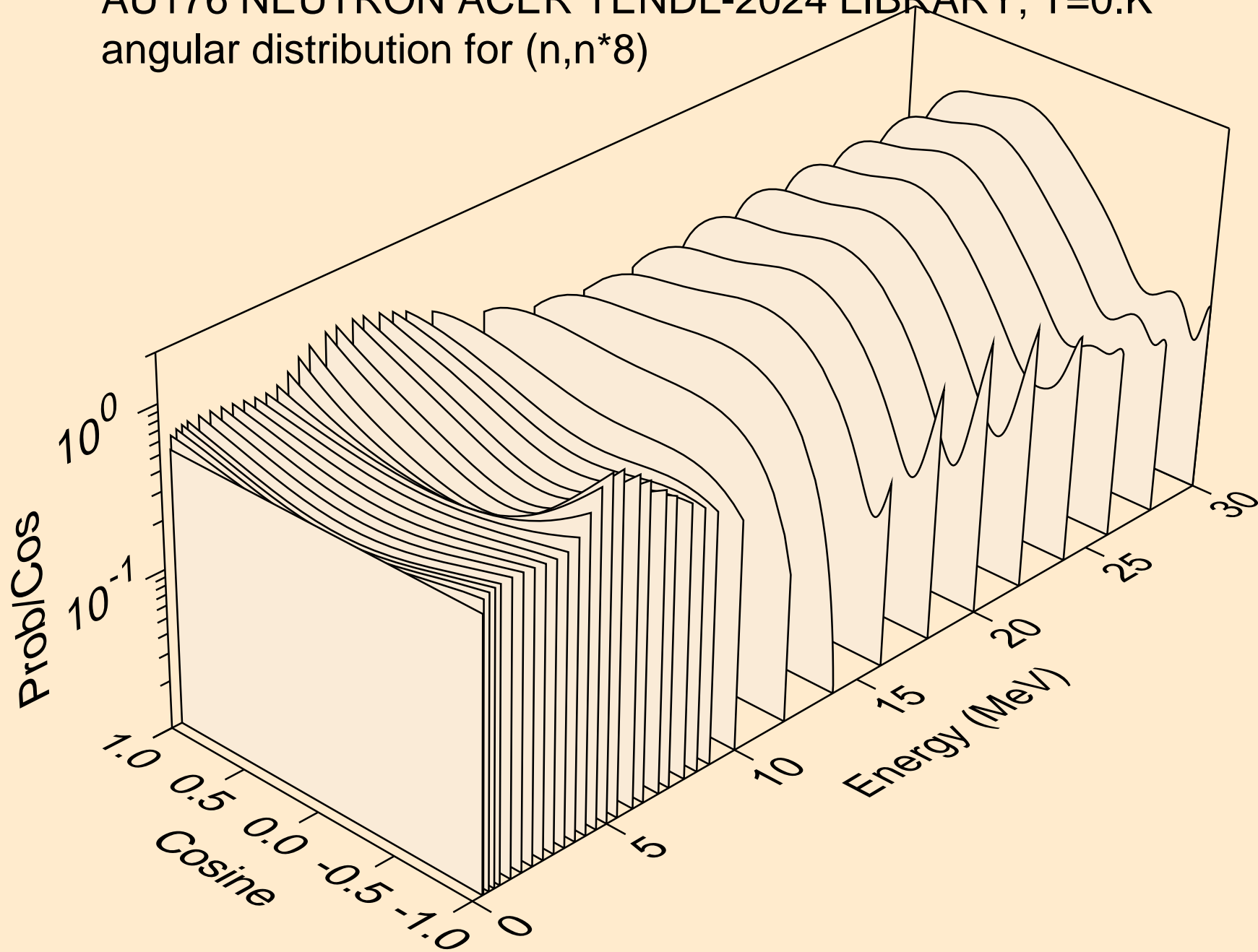




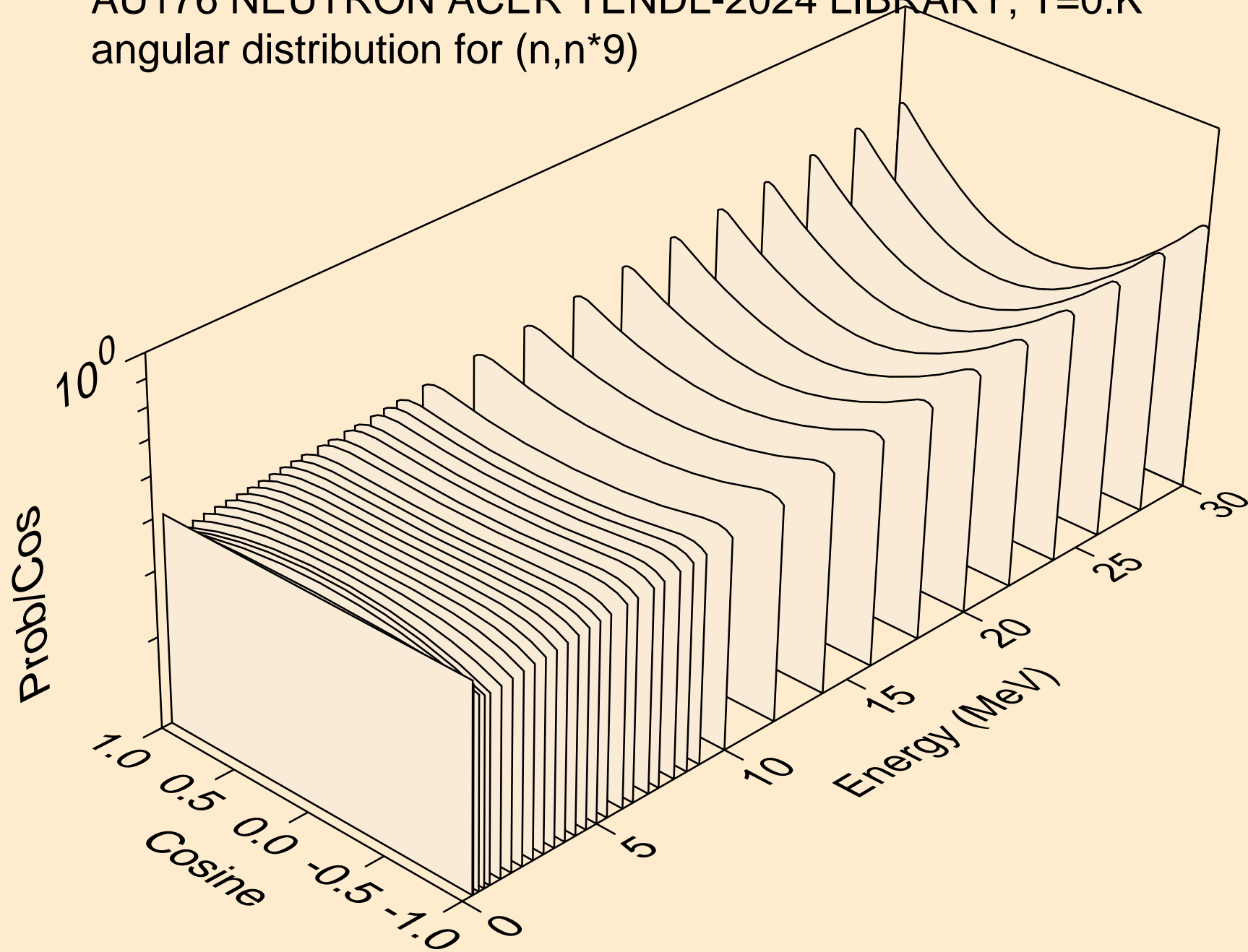
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angular distribution for (n,n\*7)



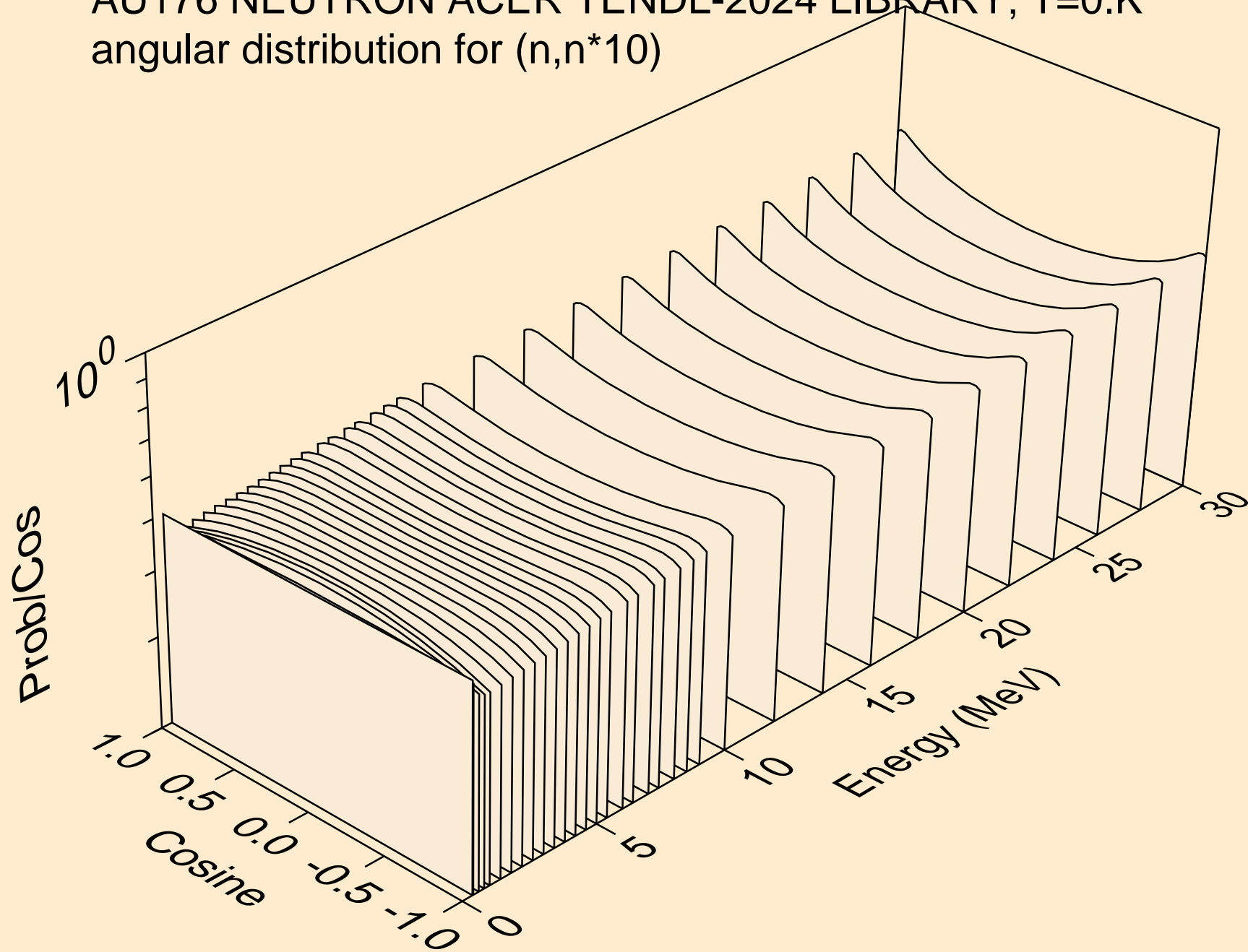
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



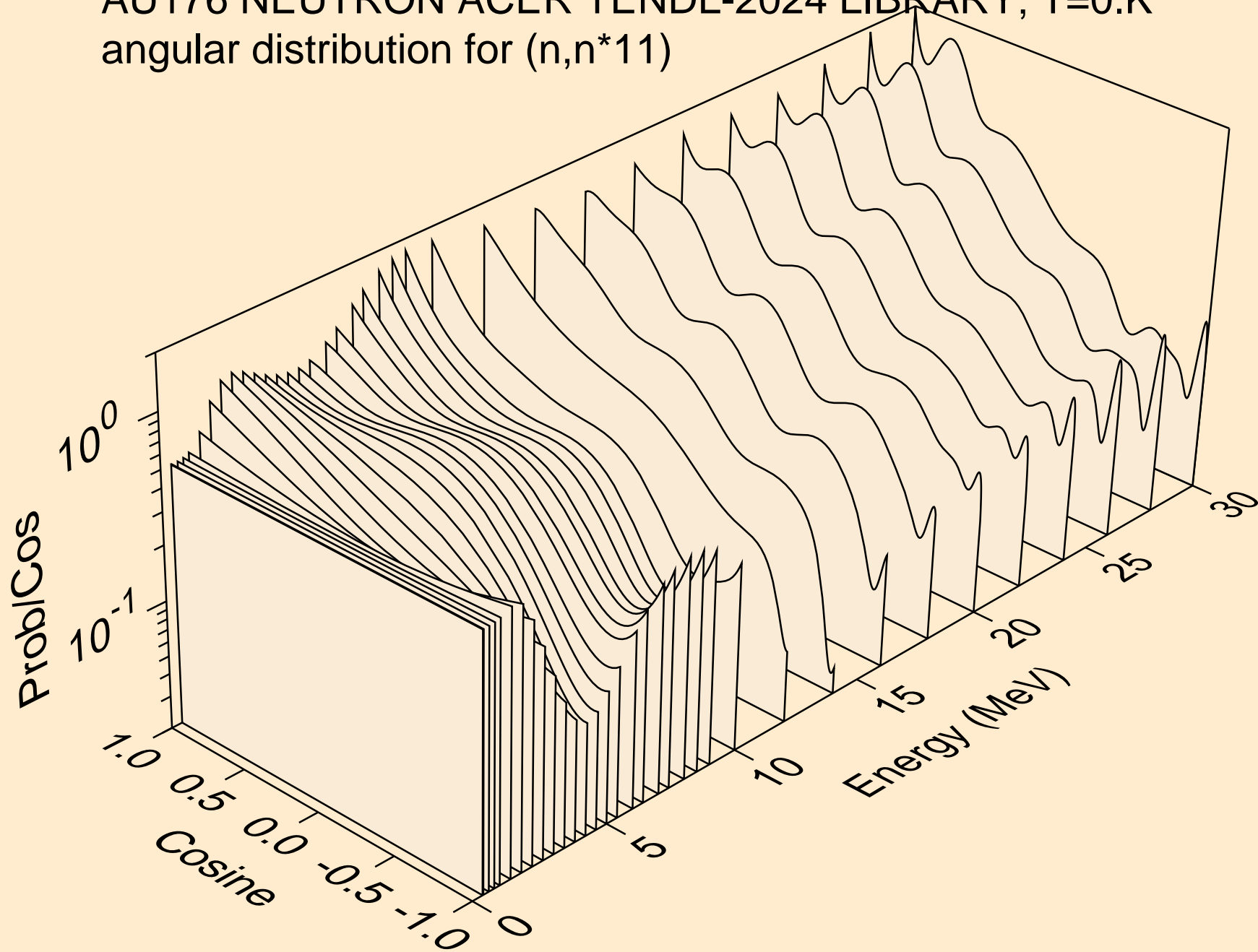
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angular distribution for (n,n\*9)



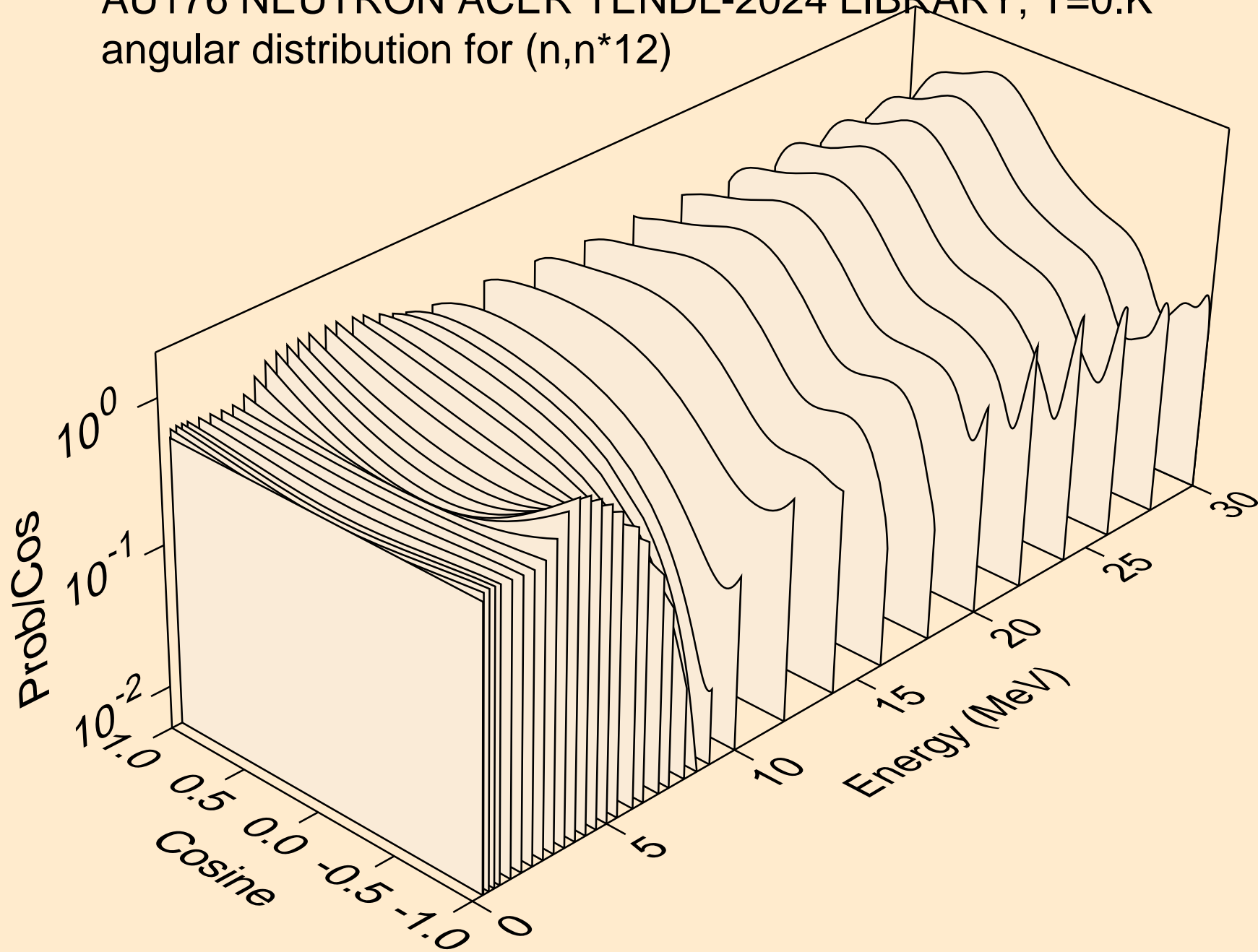
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angular distribution for (n,n\*10)



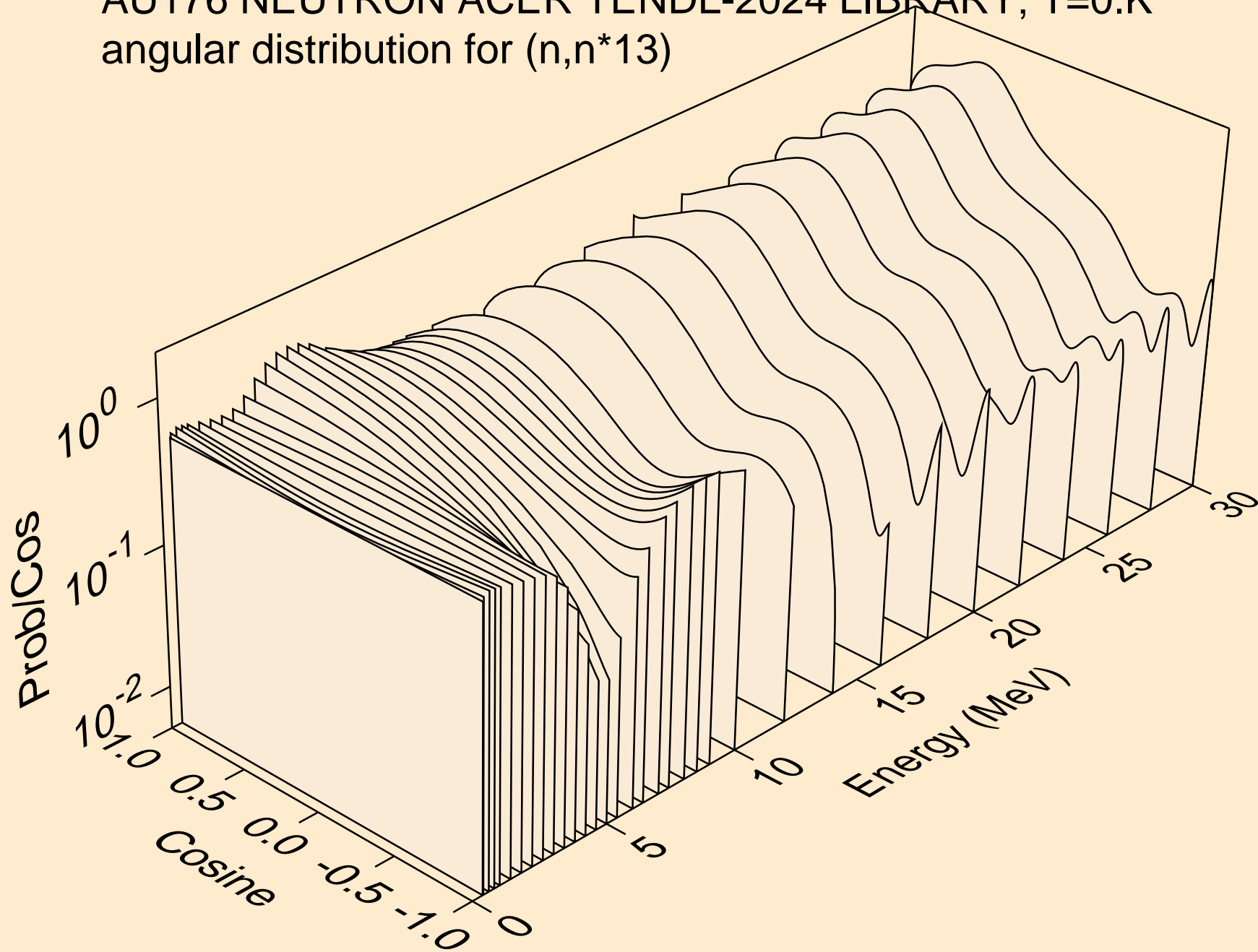
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angular distribution for (n,n\*11)



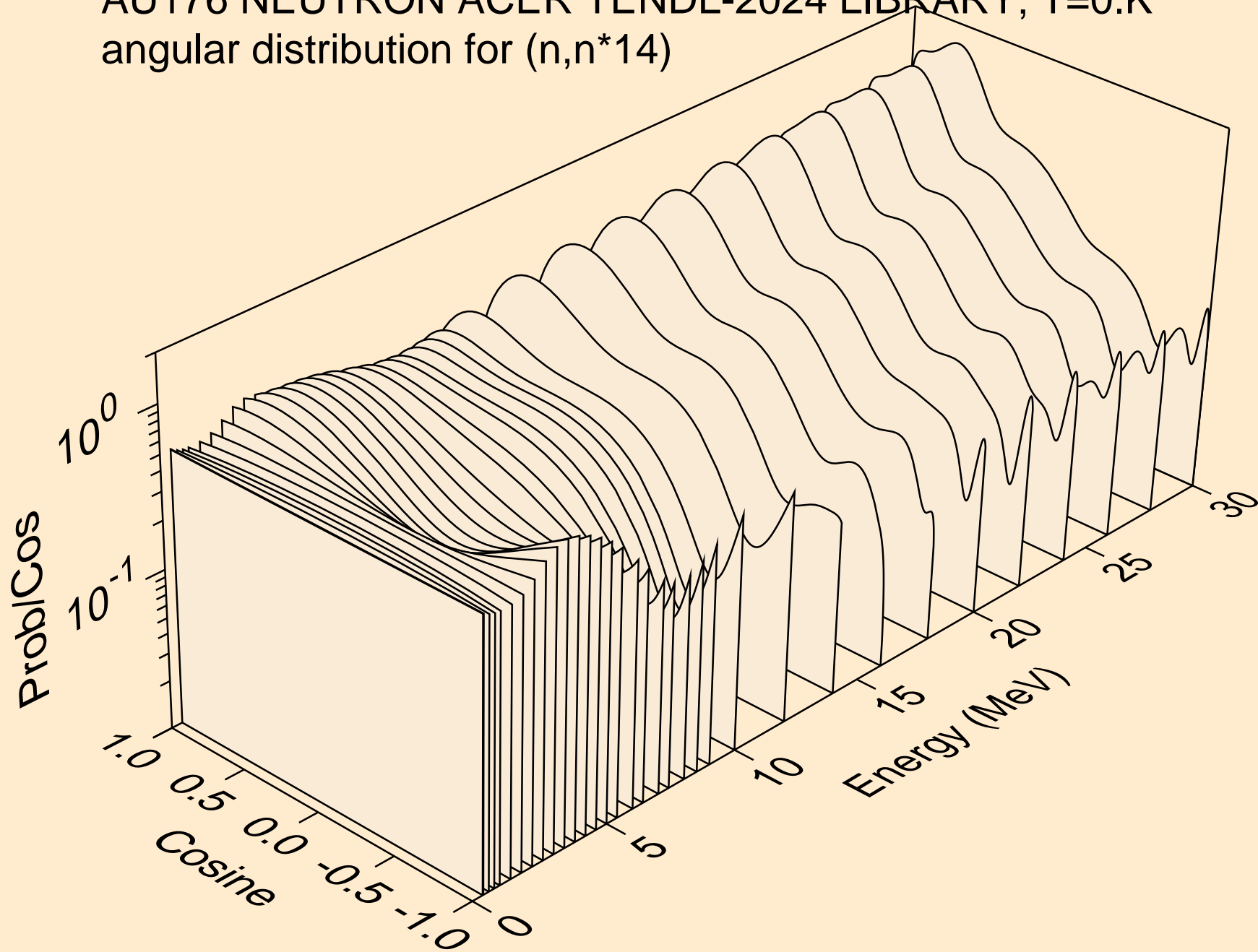
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

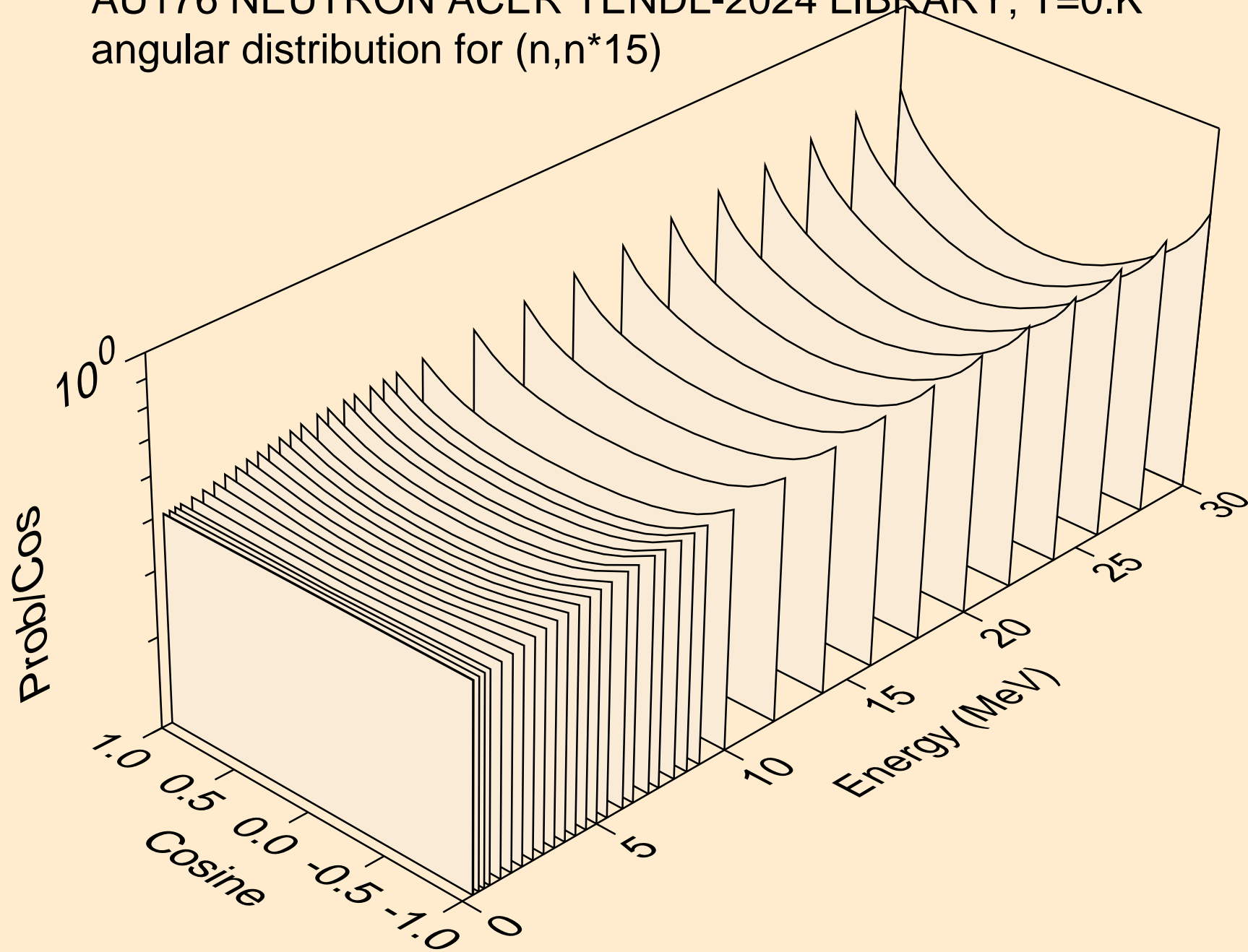


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angular distribution for (n,n\*14)

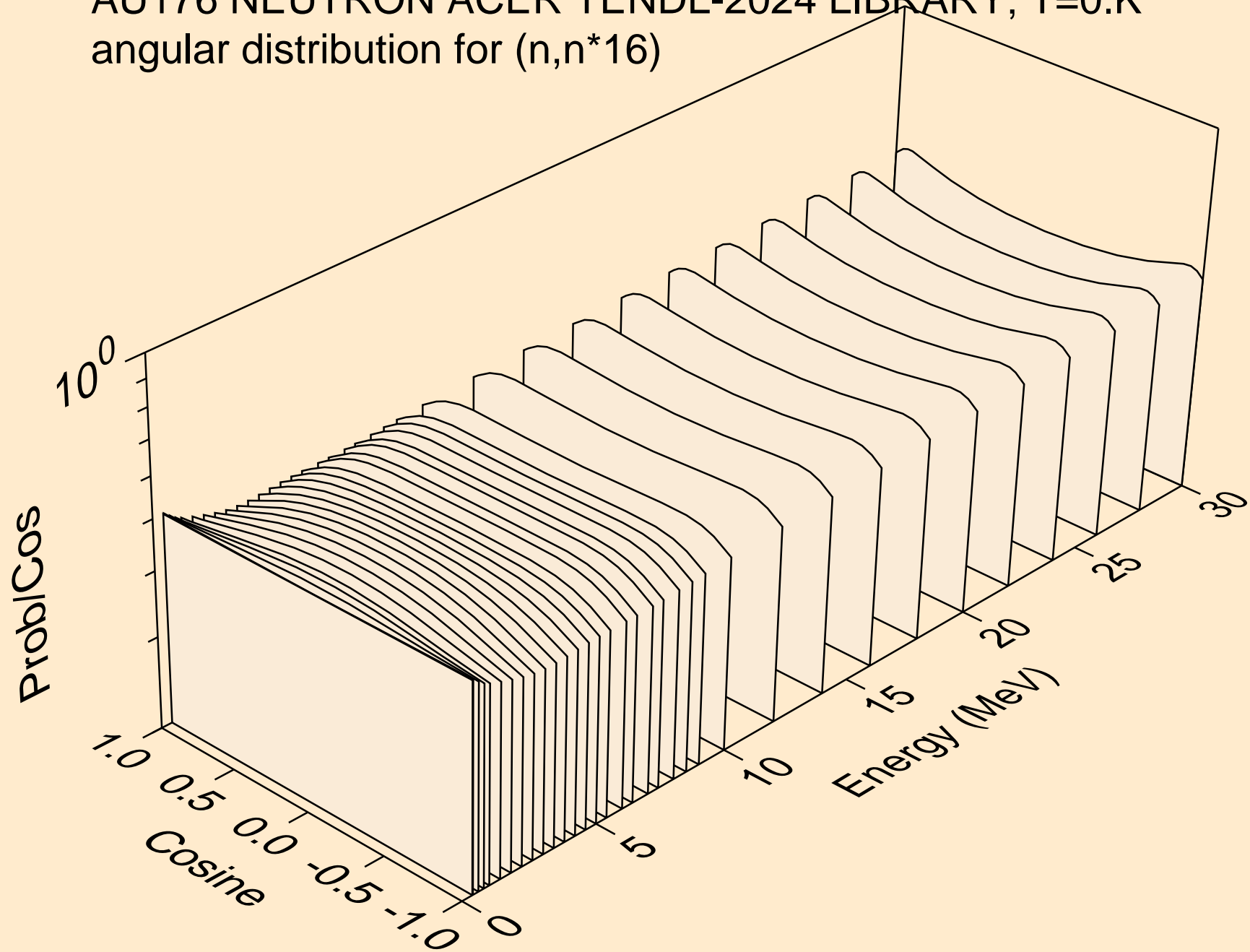




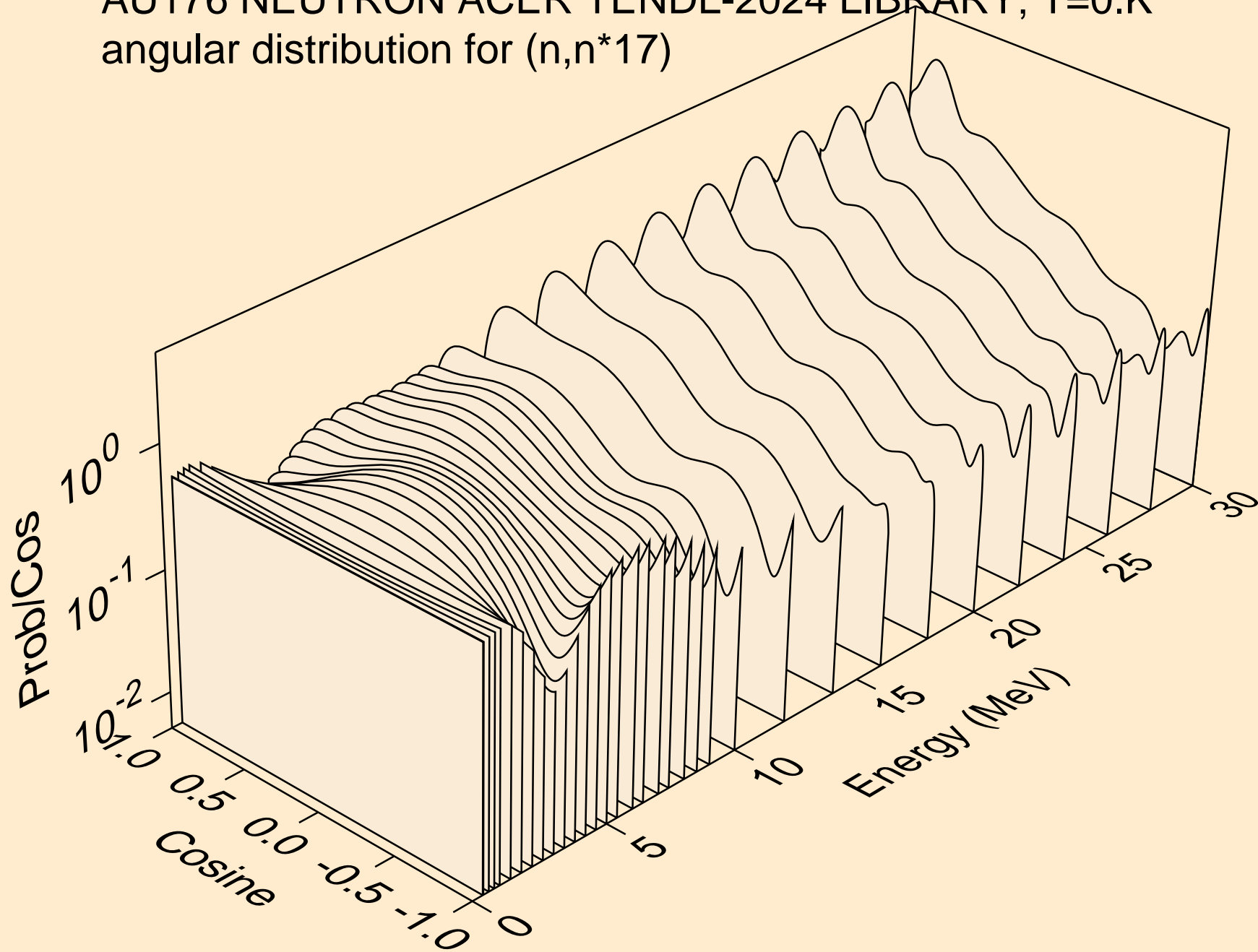
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angular distribution for (n,n\*15)



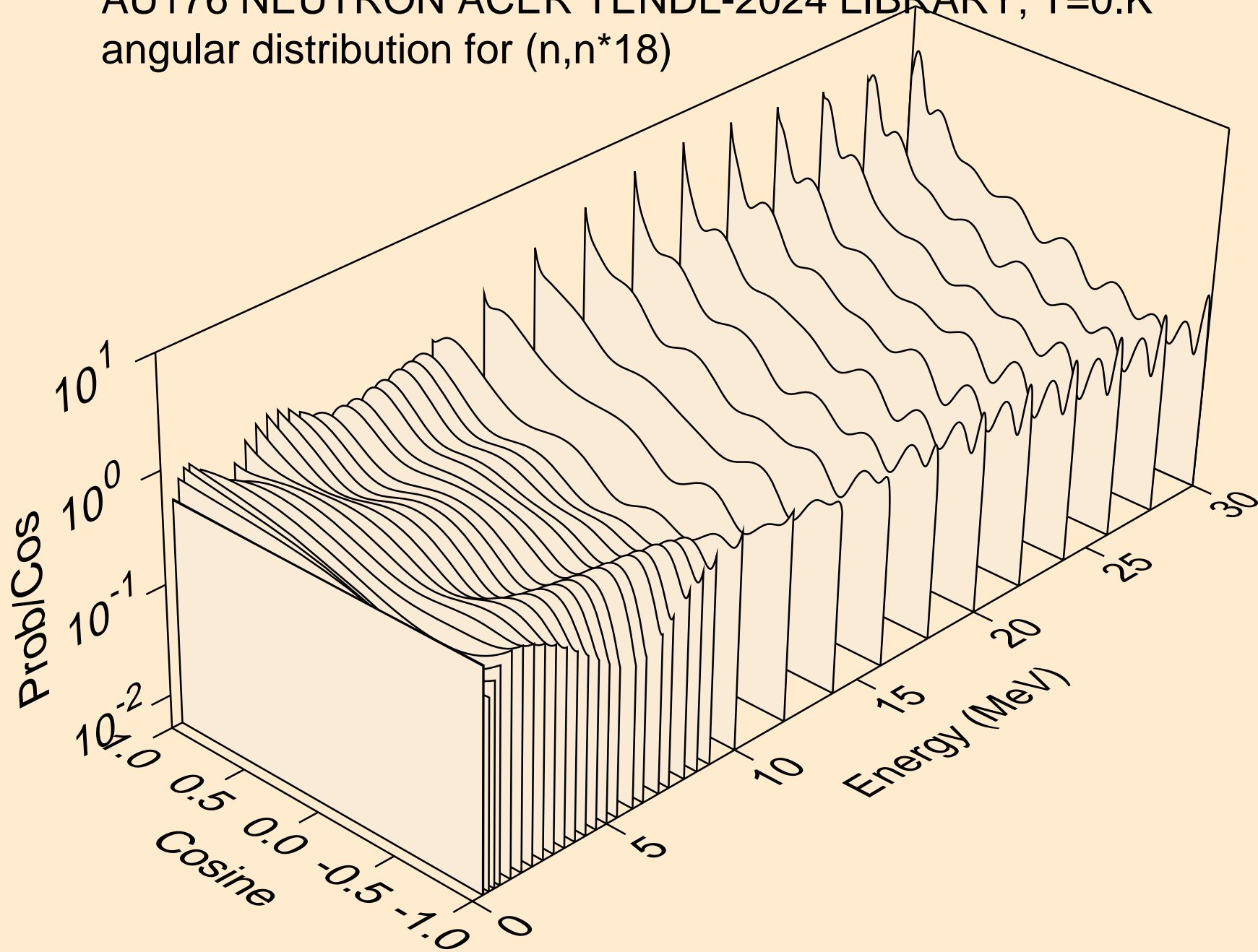
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angular distribution for (n,n\*16)



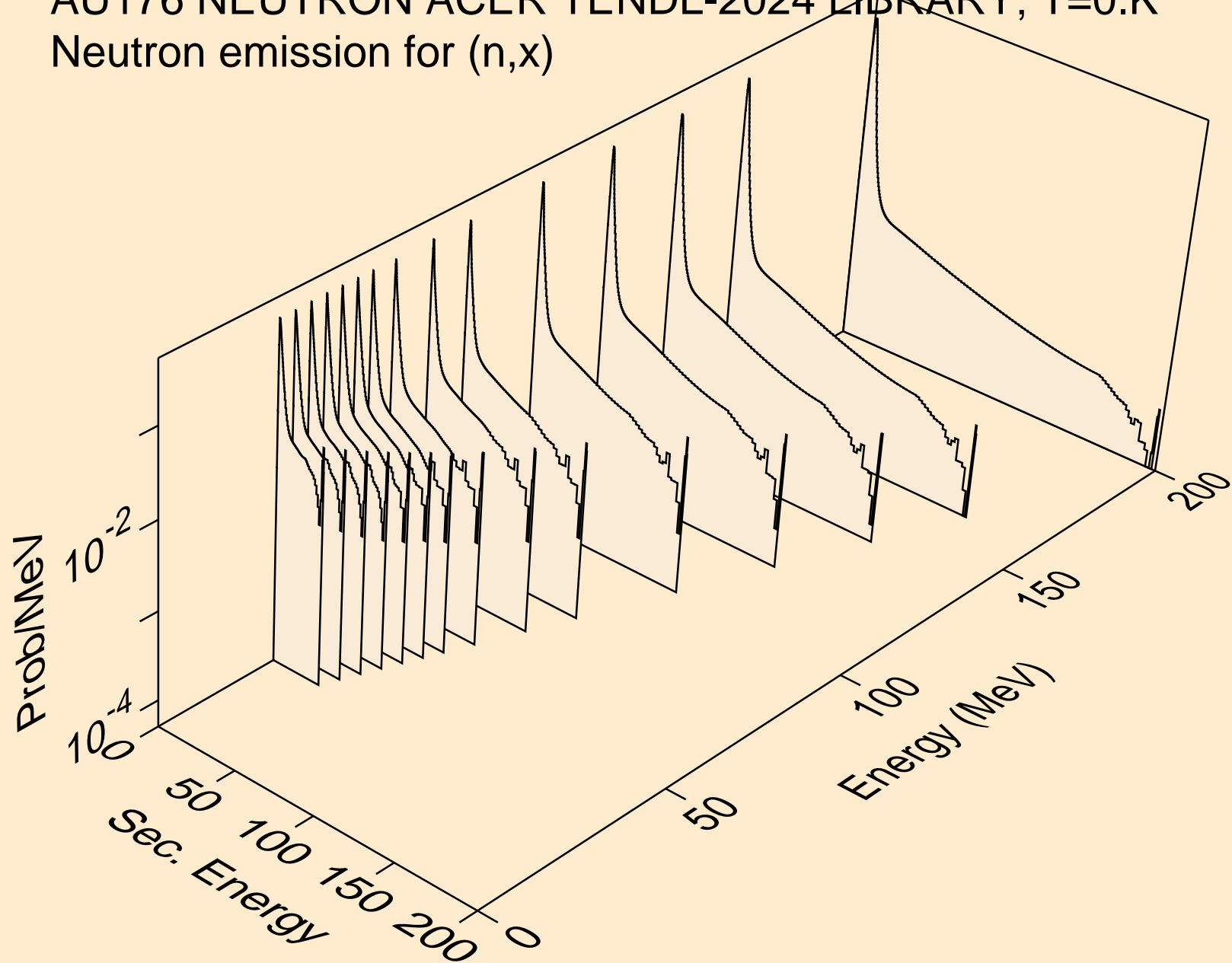
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angular distribution for (n,n\*17)



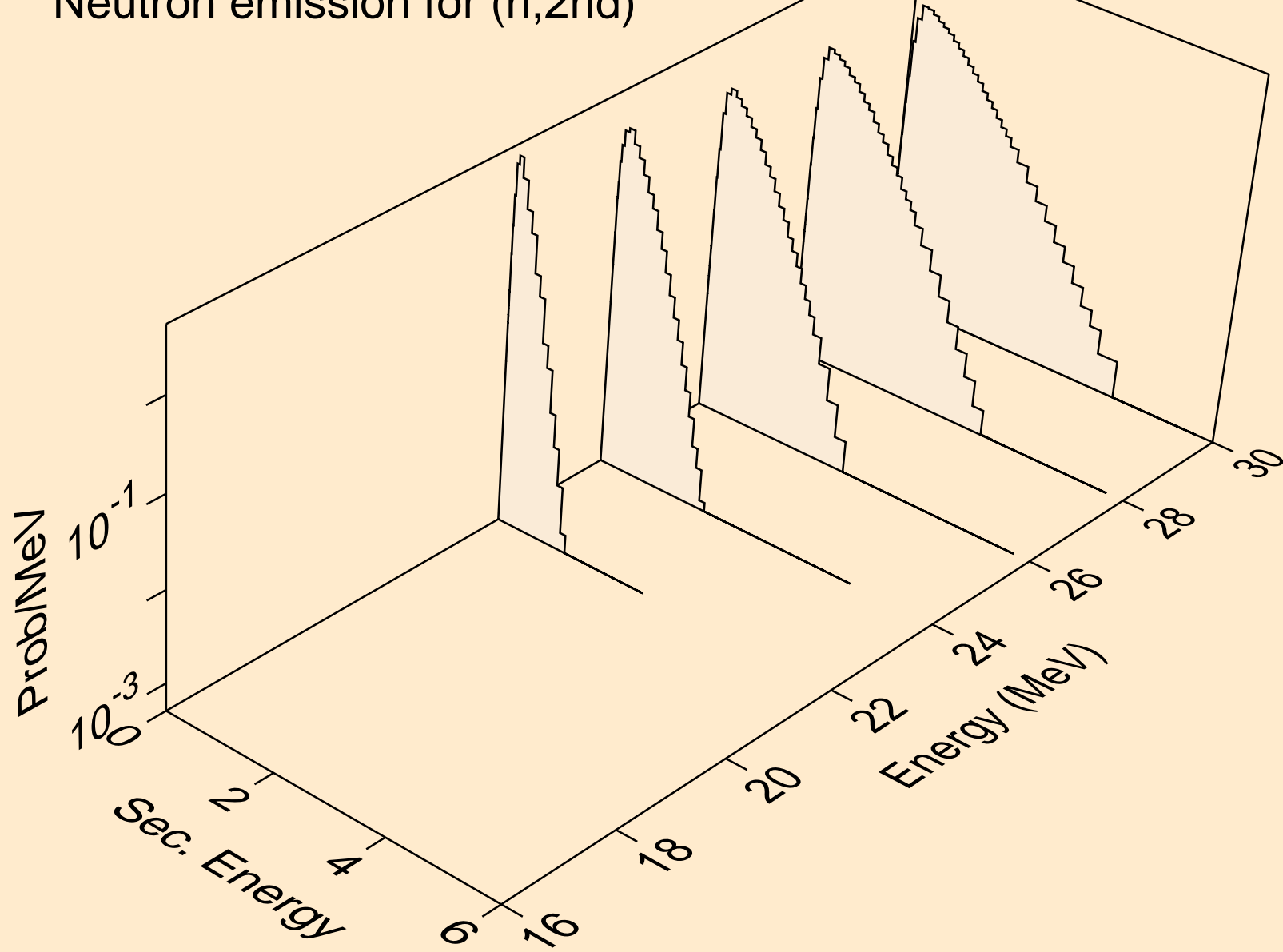
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angular distribution for (n,n\*18)



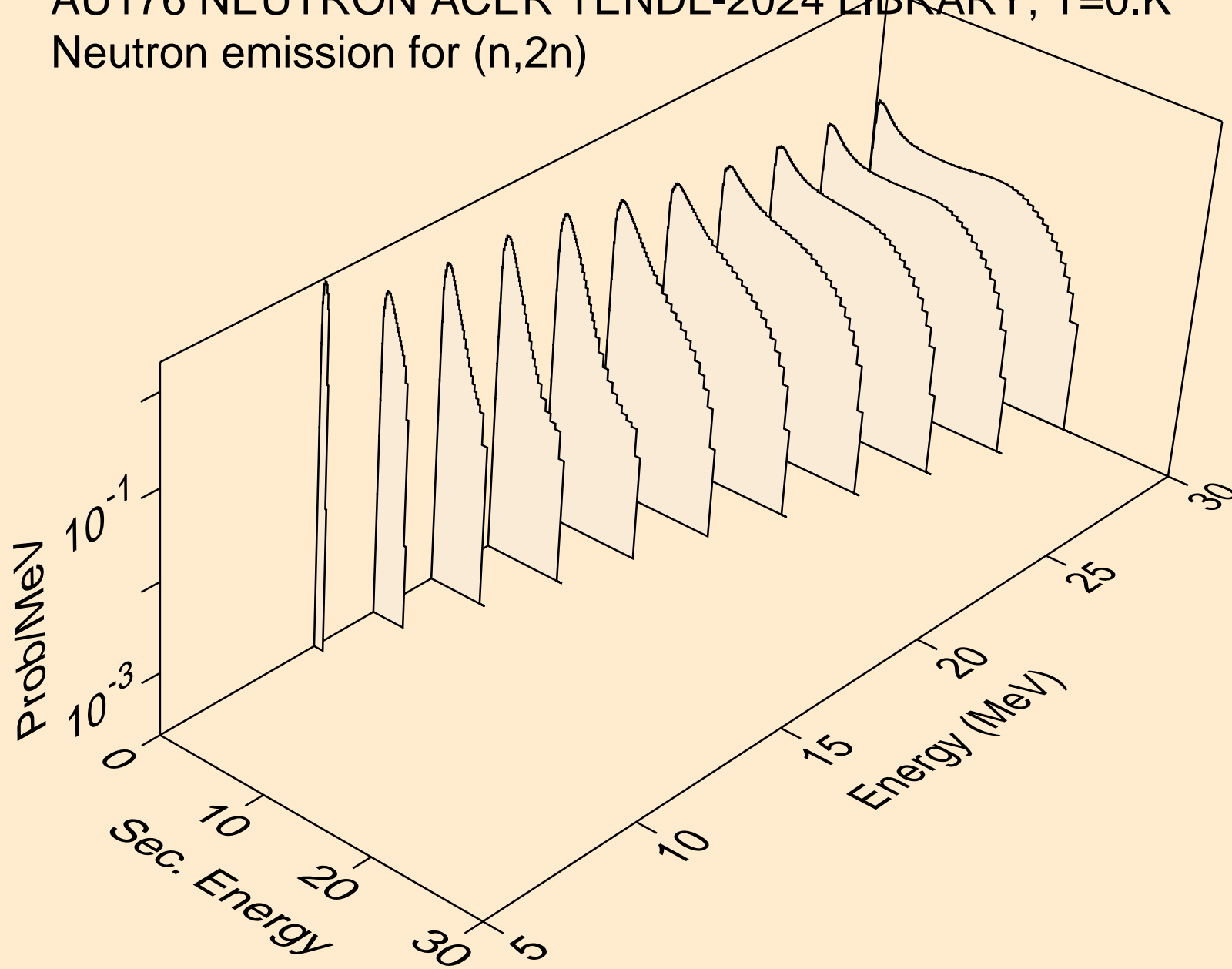
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



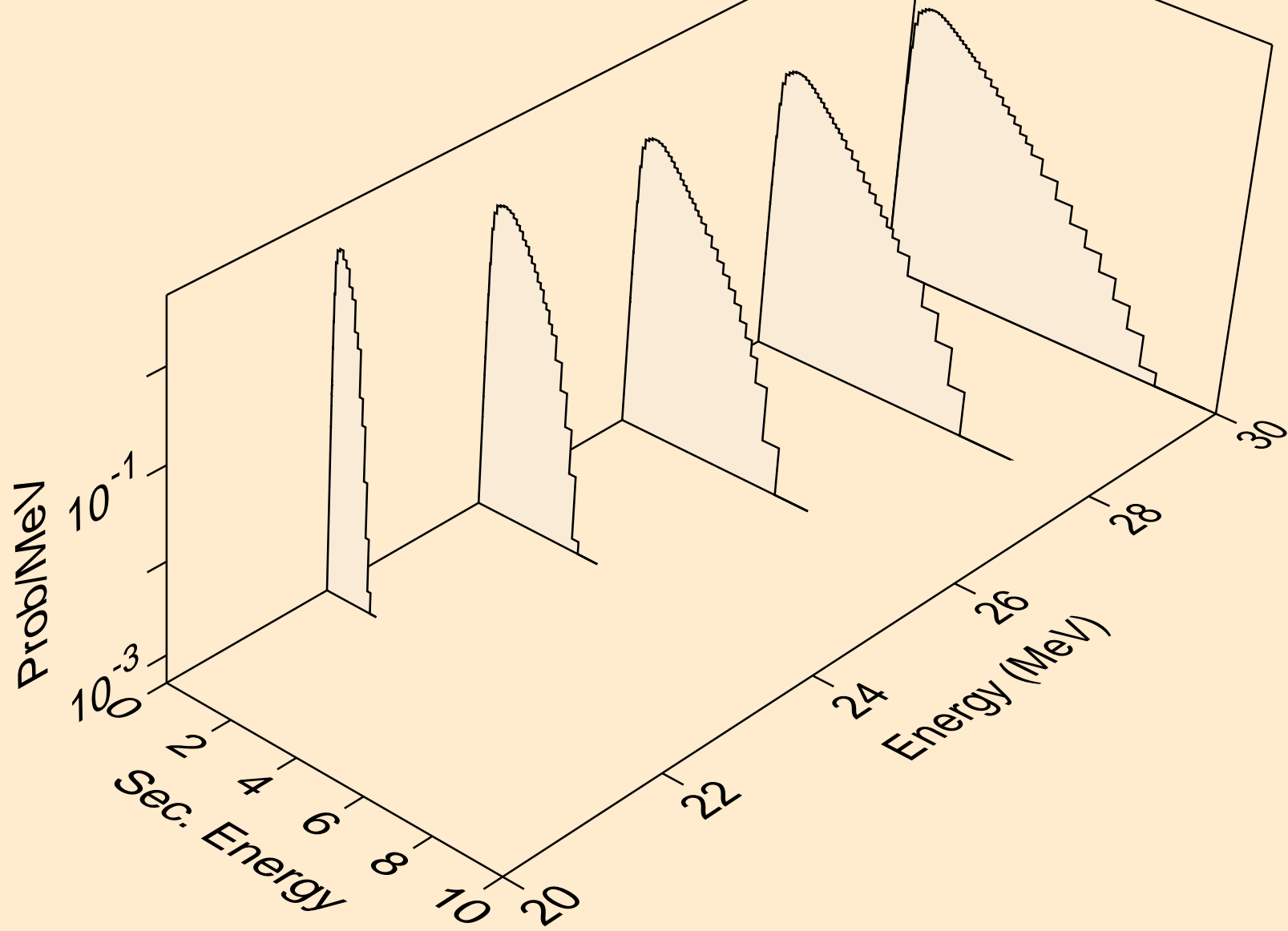
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

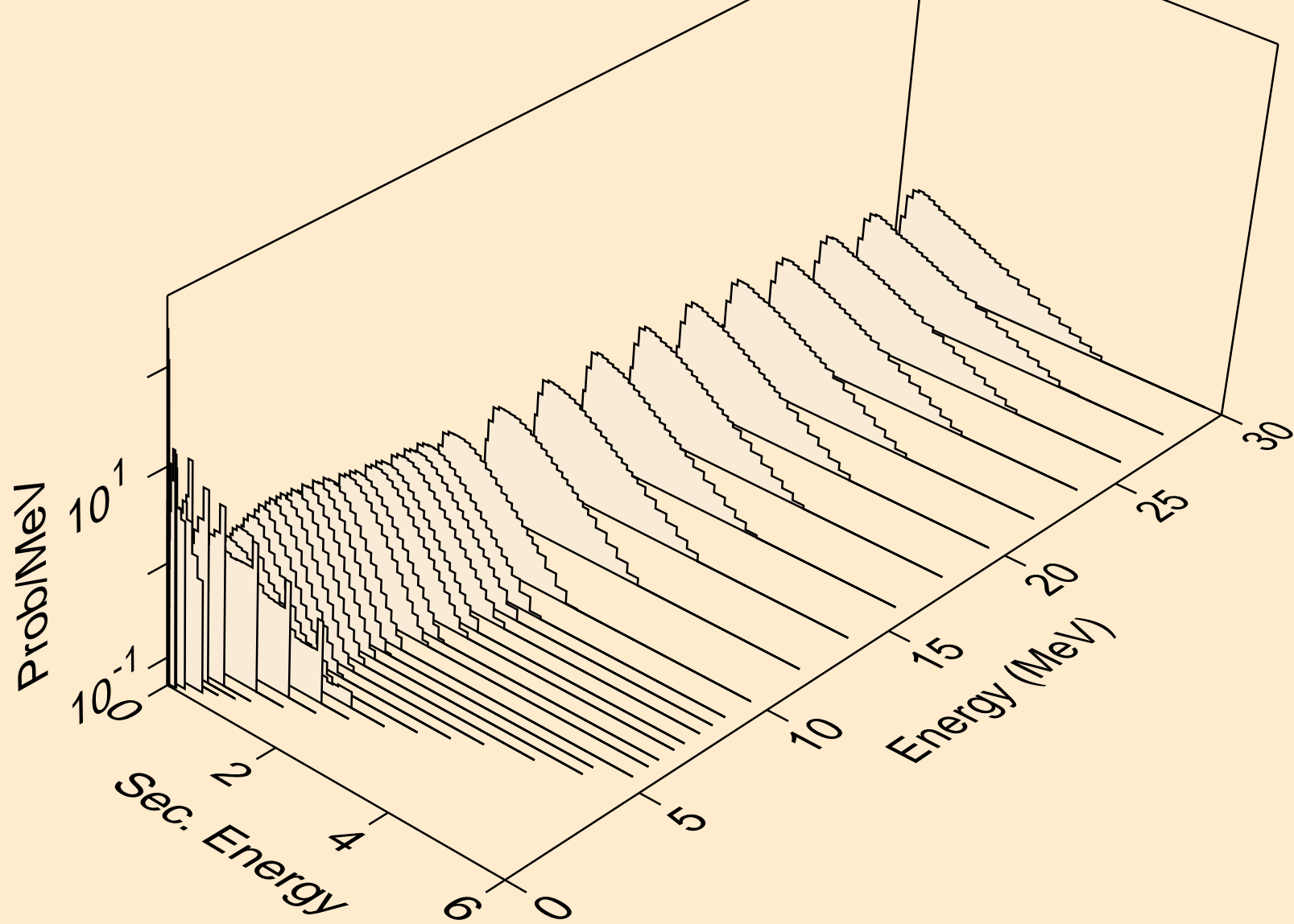


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

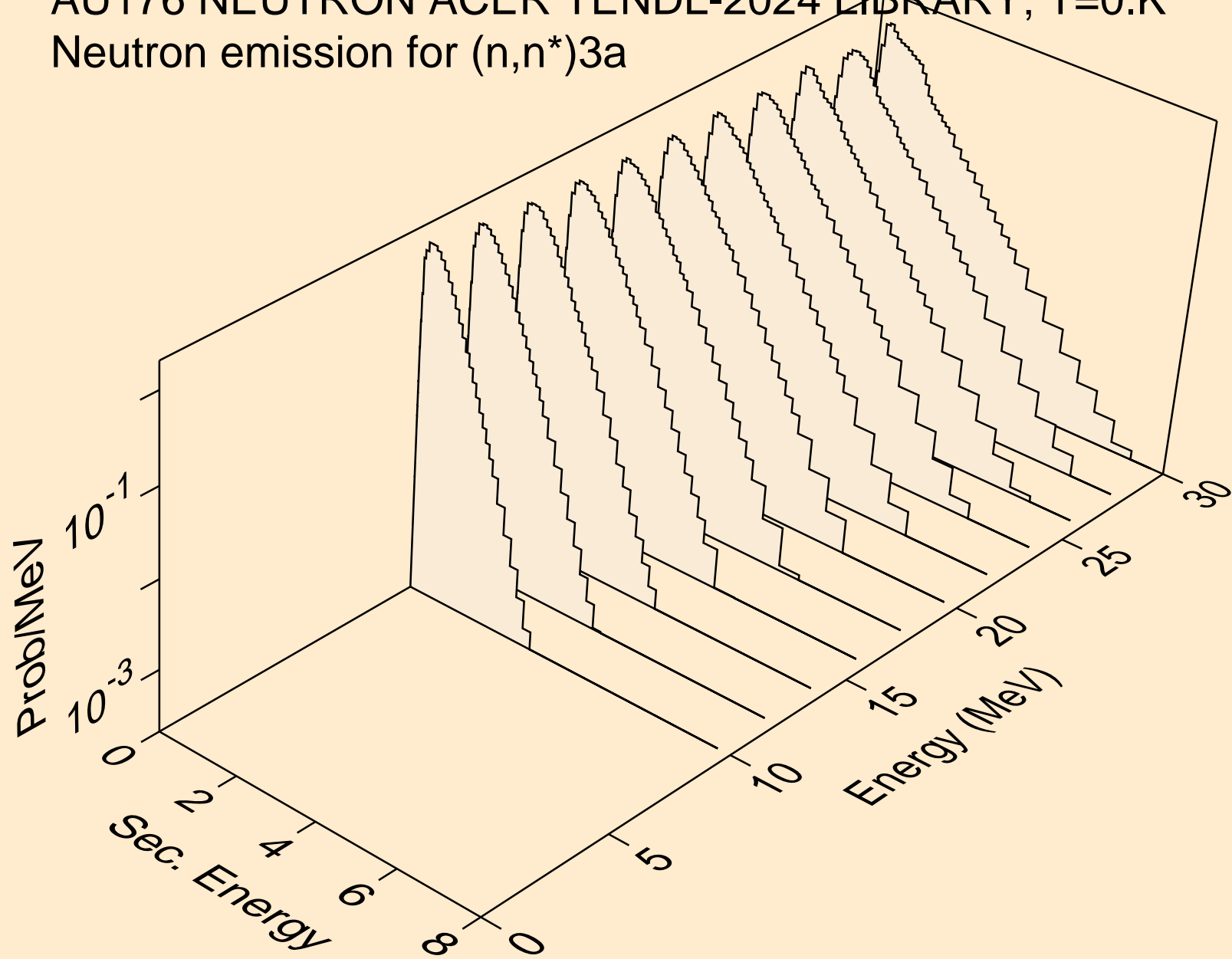




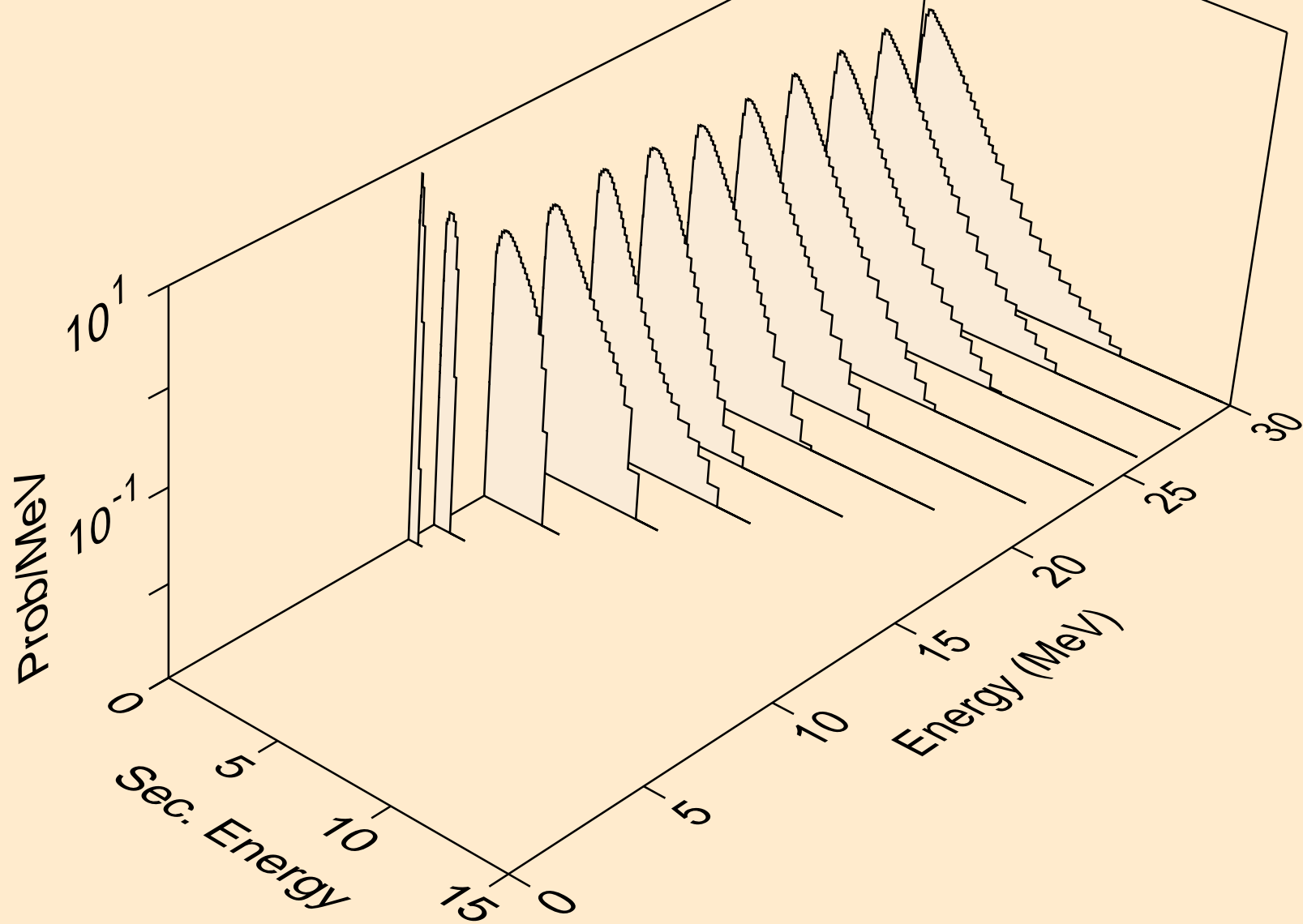
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



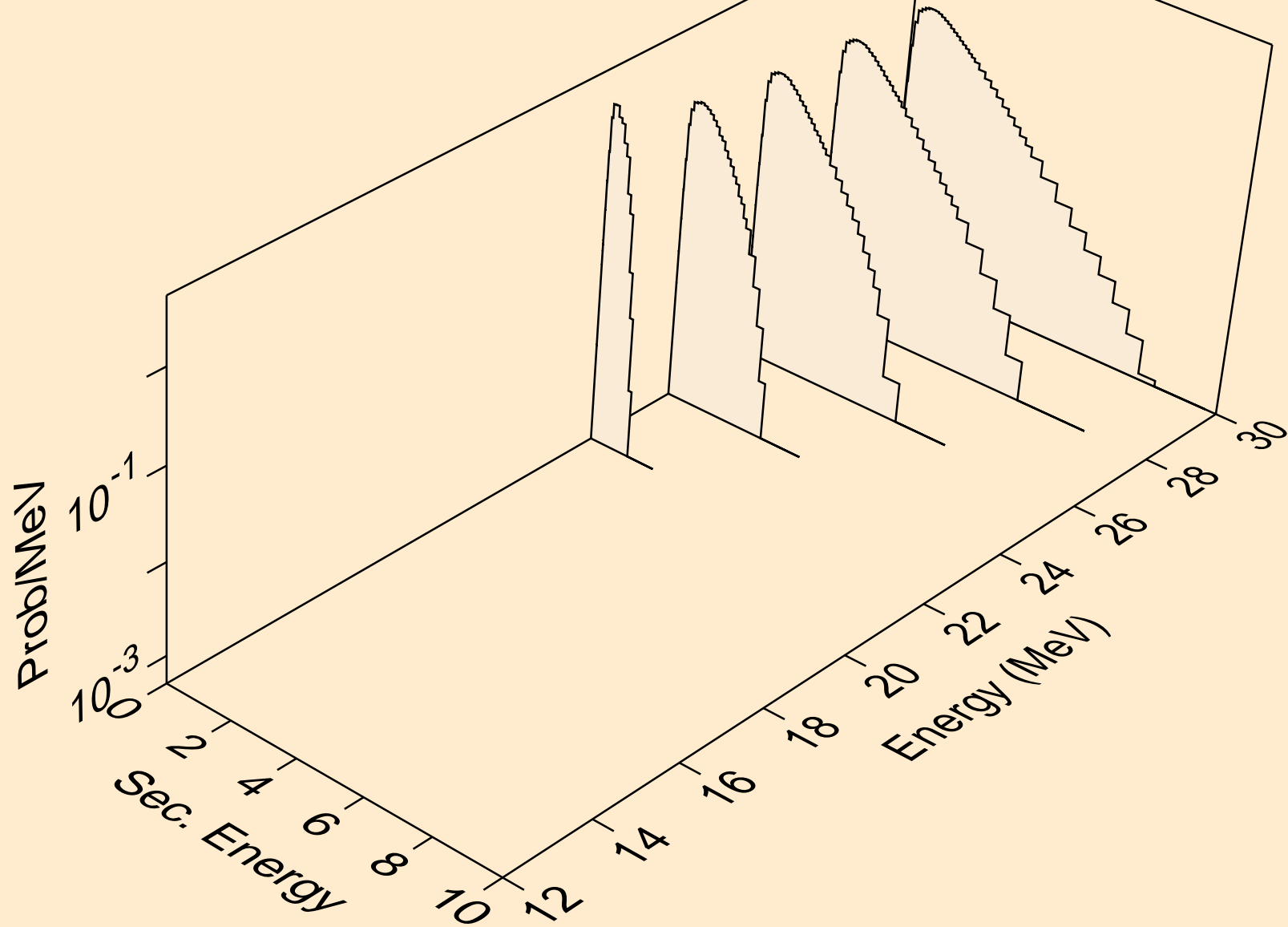
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a



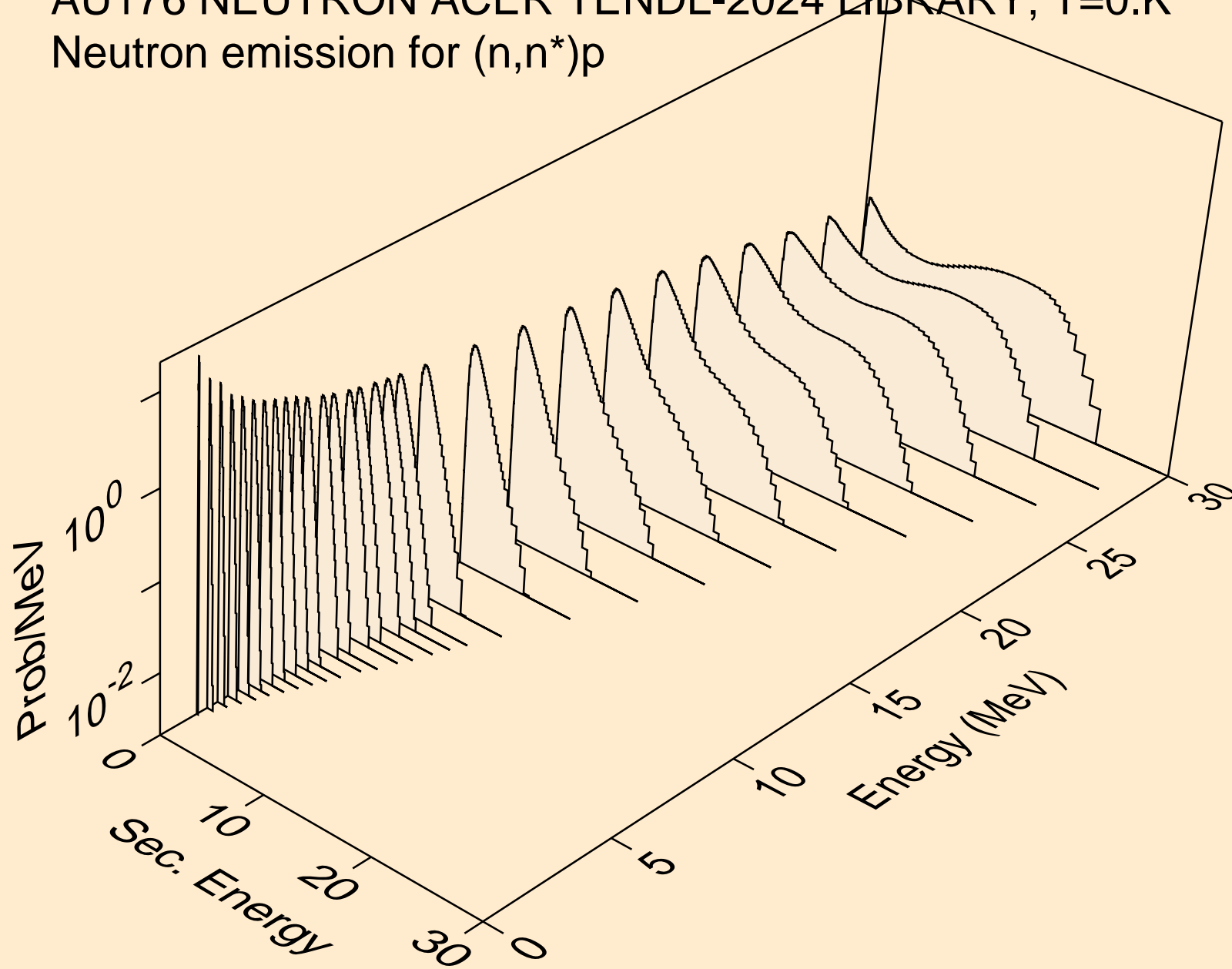
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



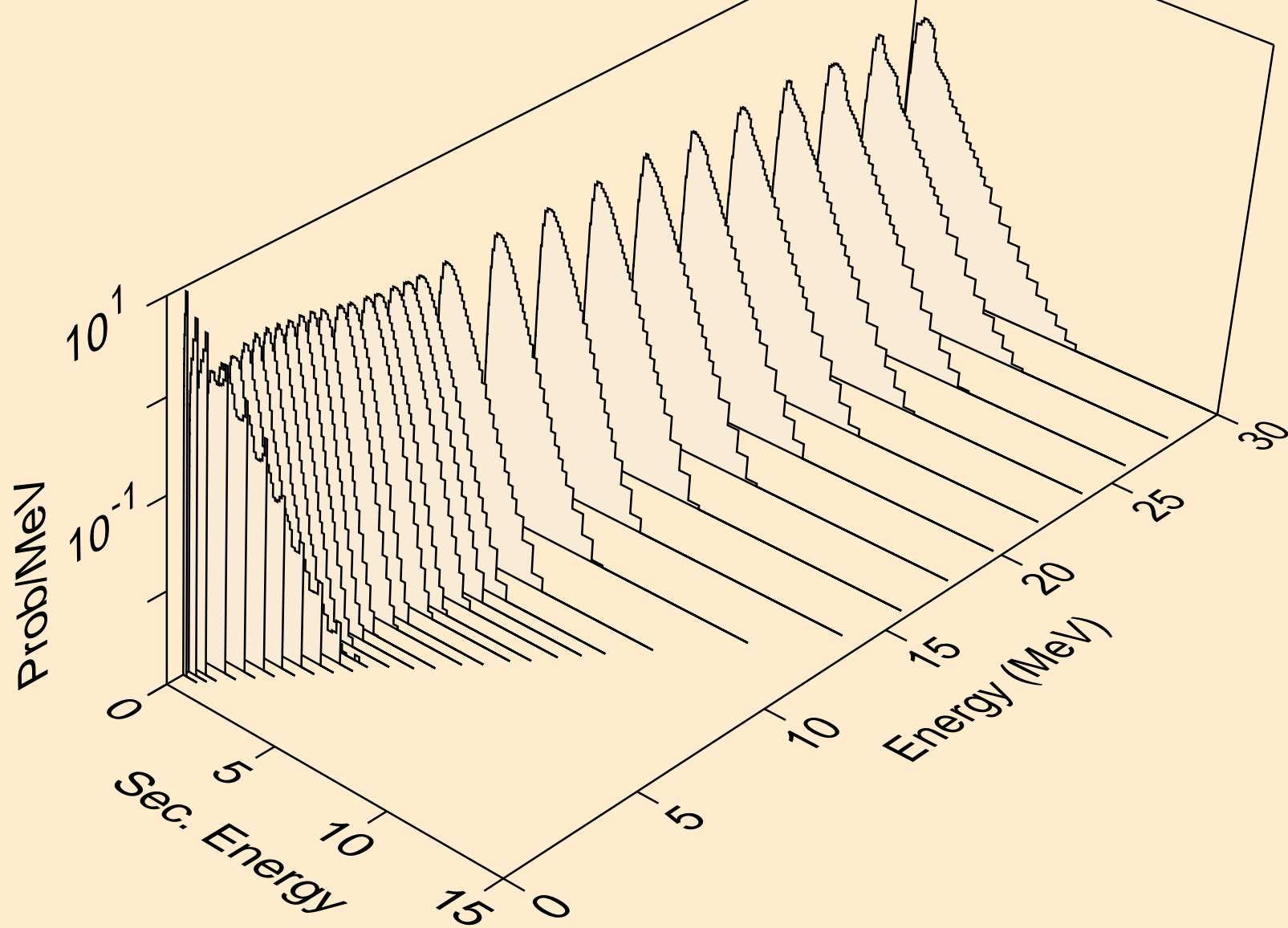
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Neutron emission for (n,3n)a



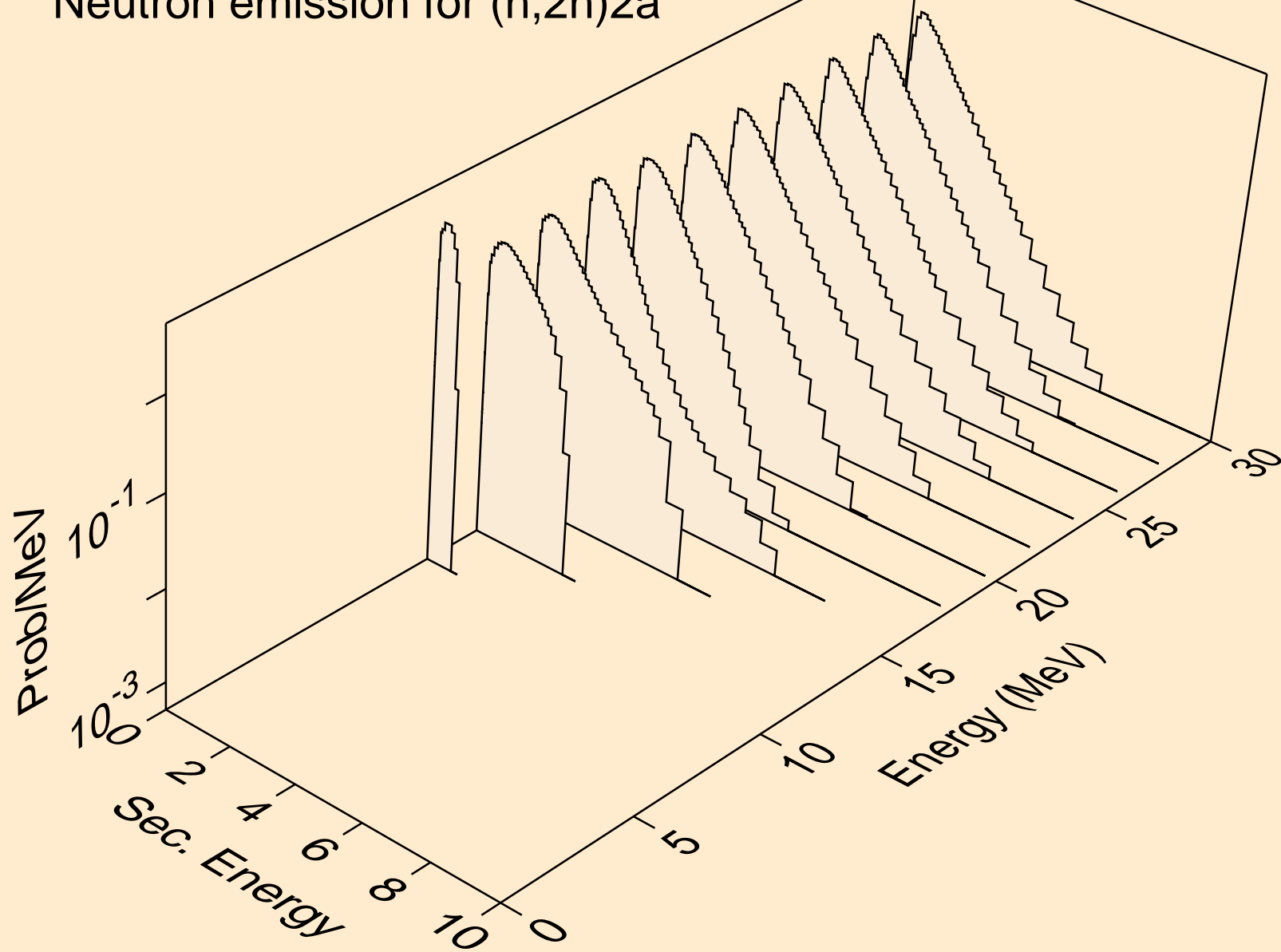
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Neutron emission for (n,n\*)p



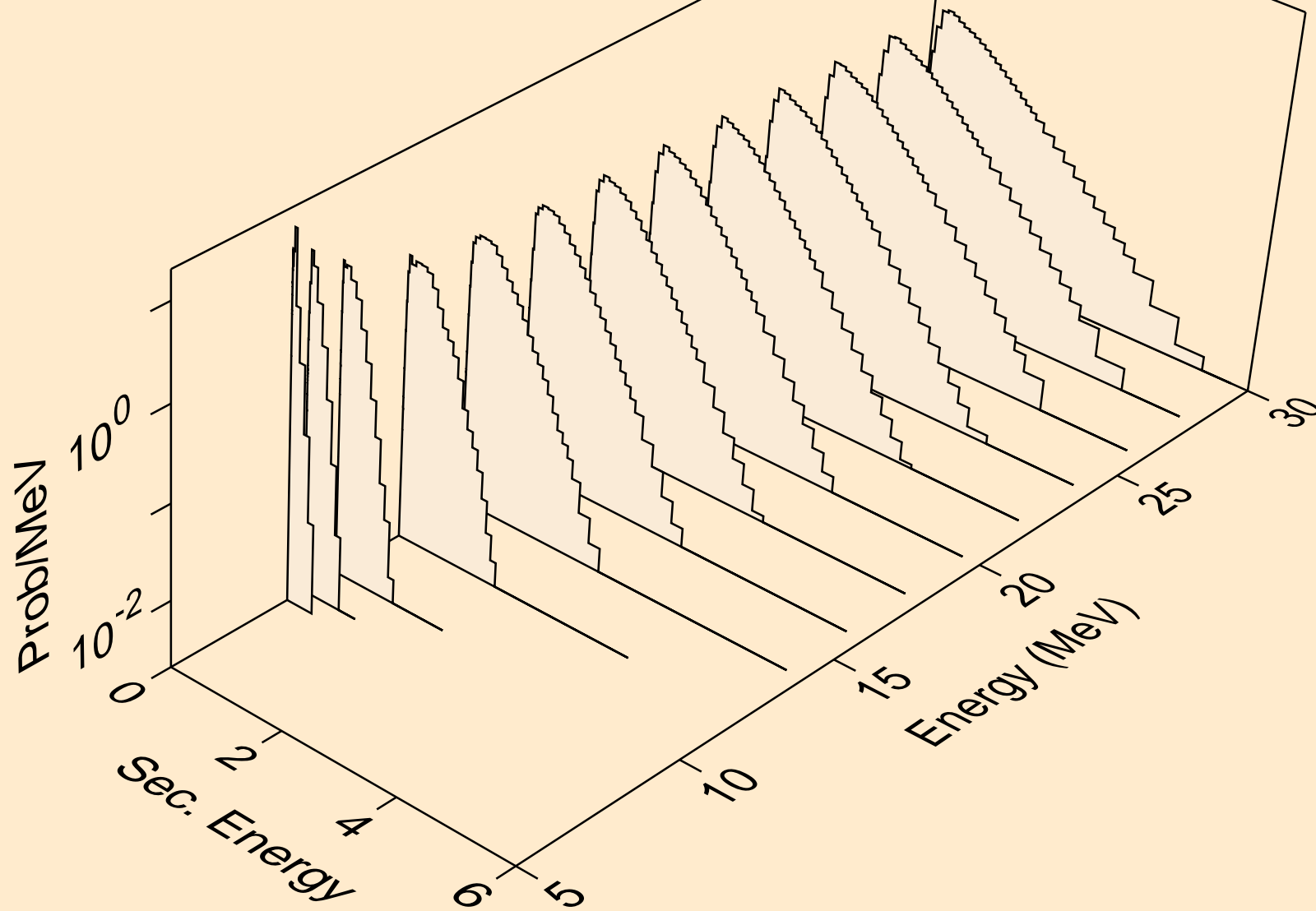
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

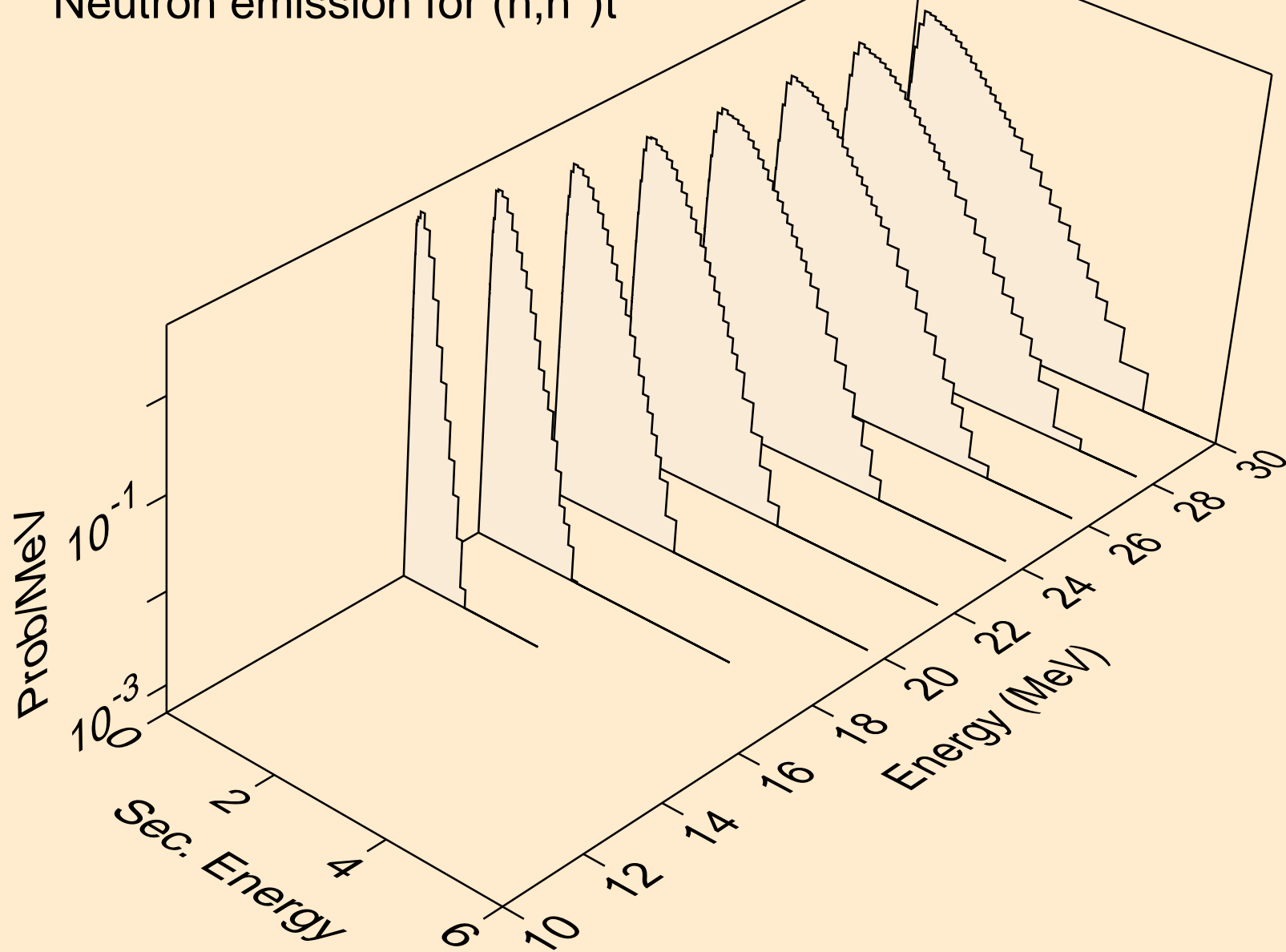


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

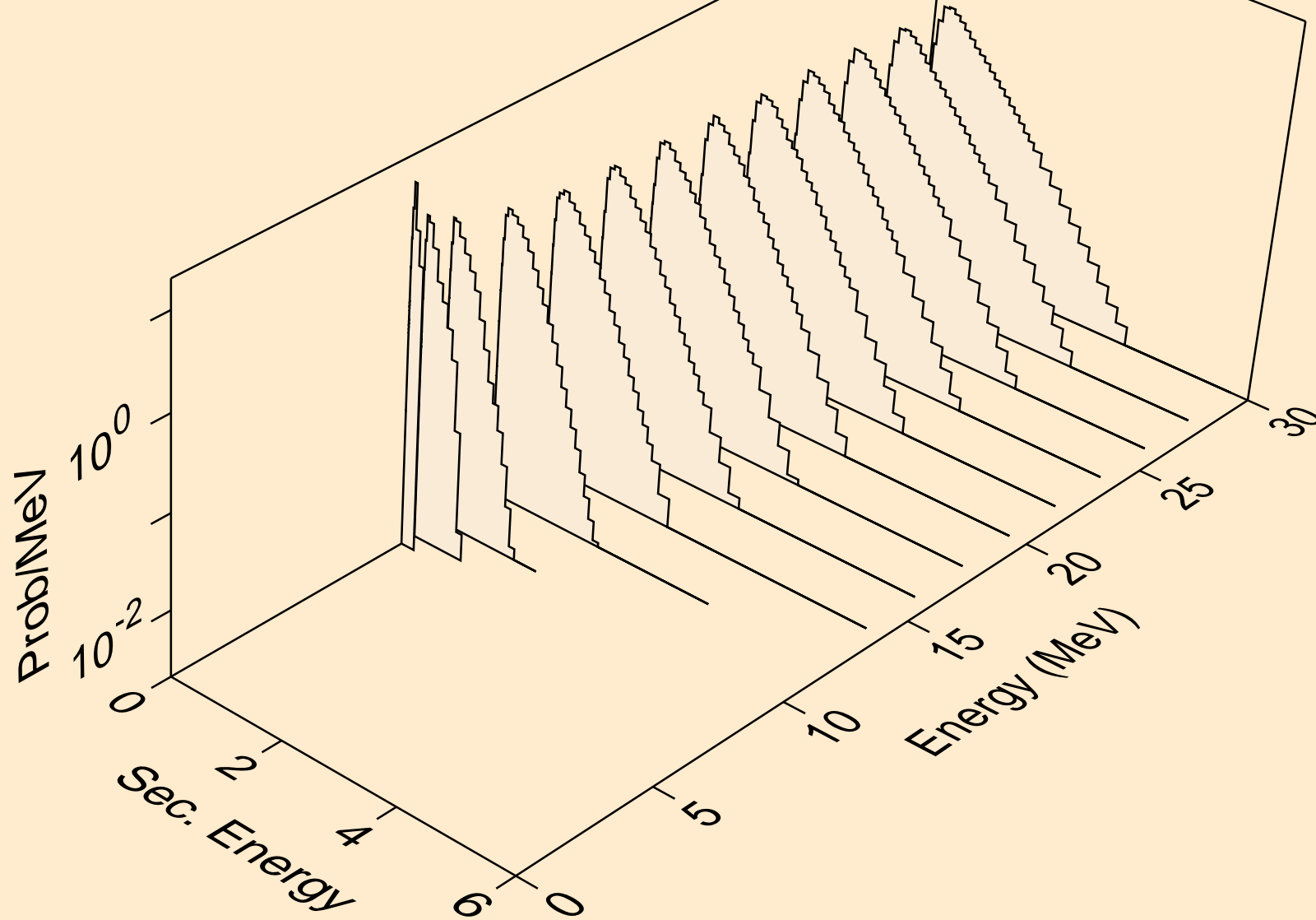




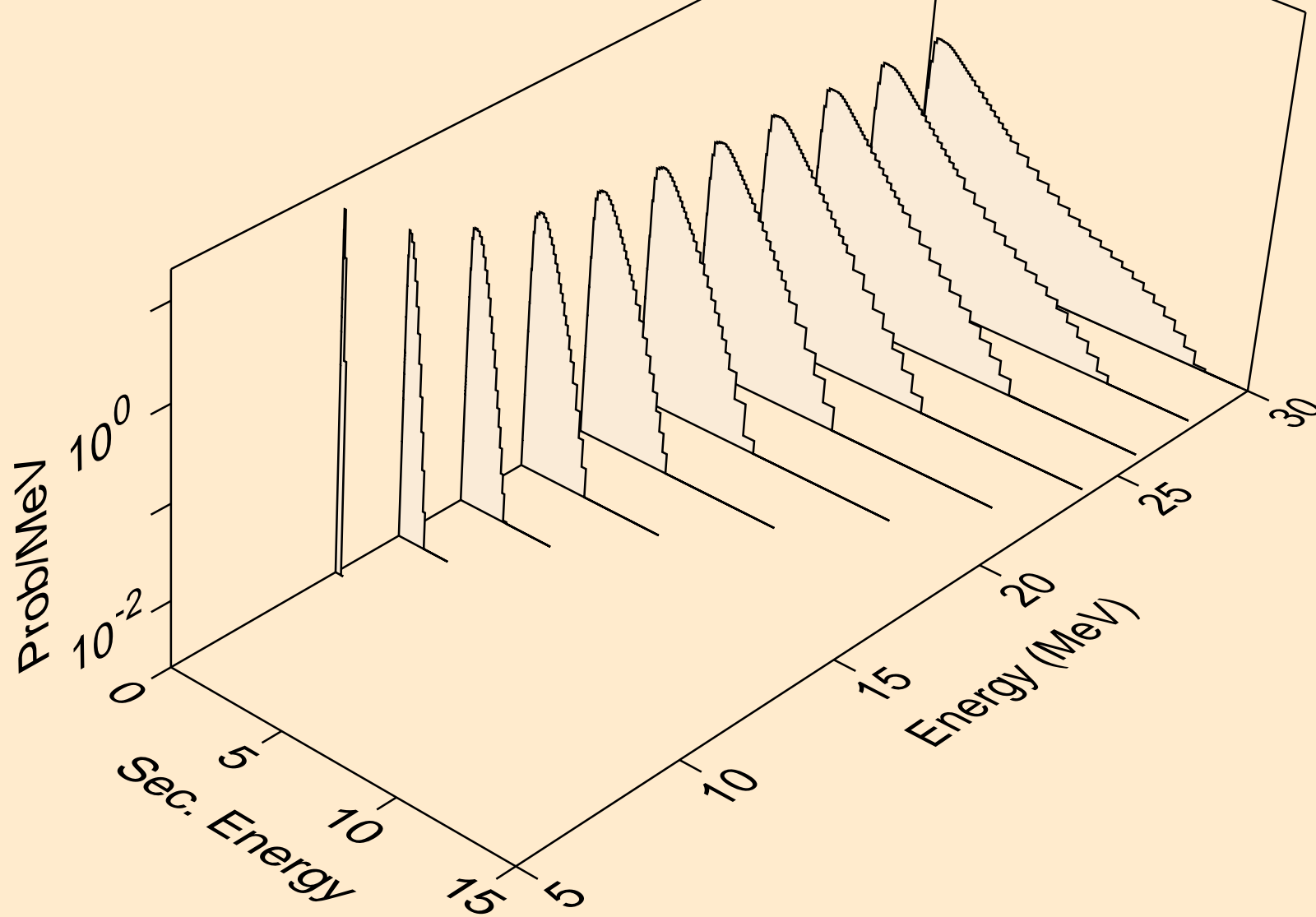
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



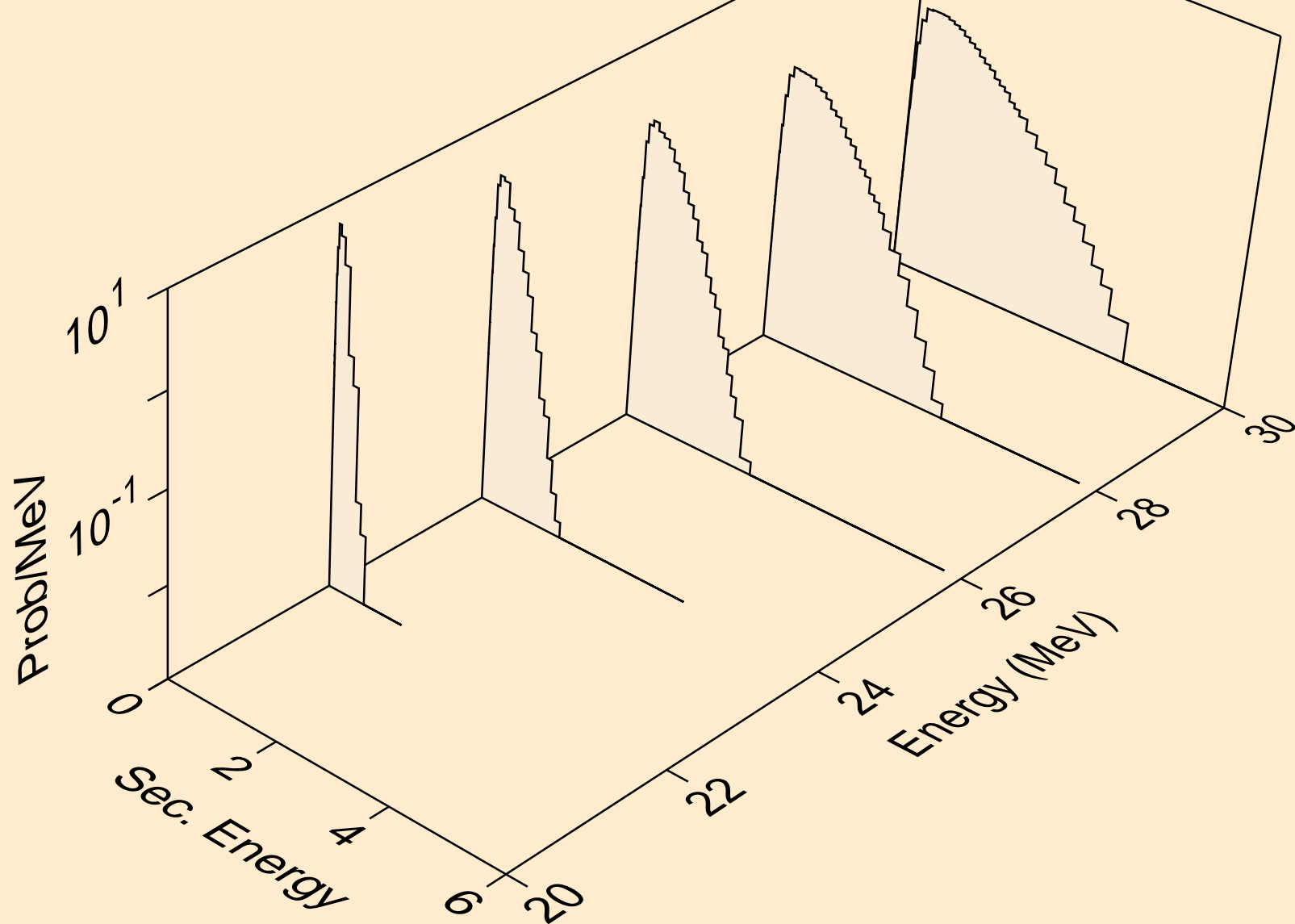
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Neutron emission for (n,n\*)he3



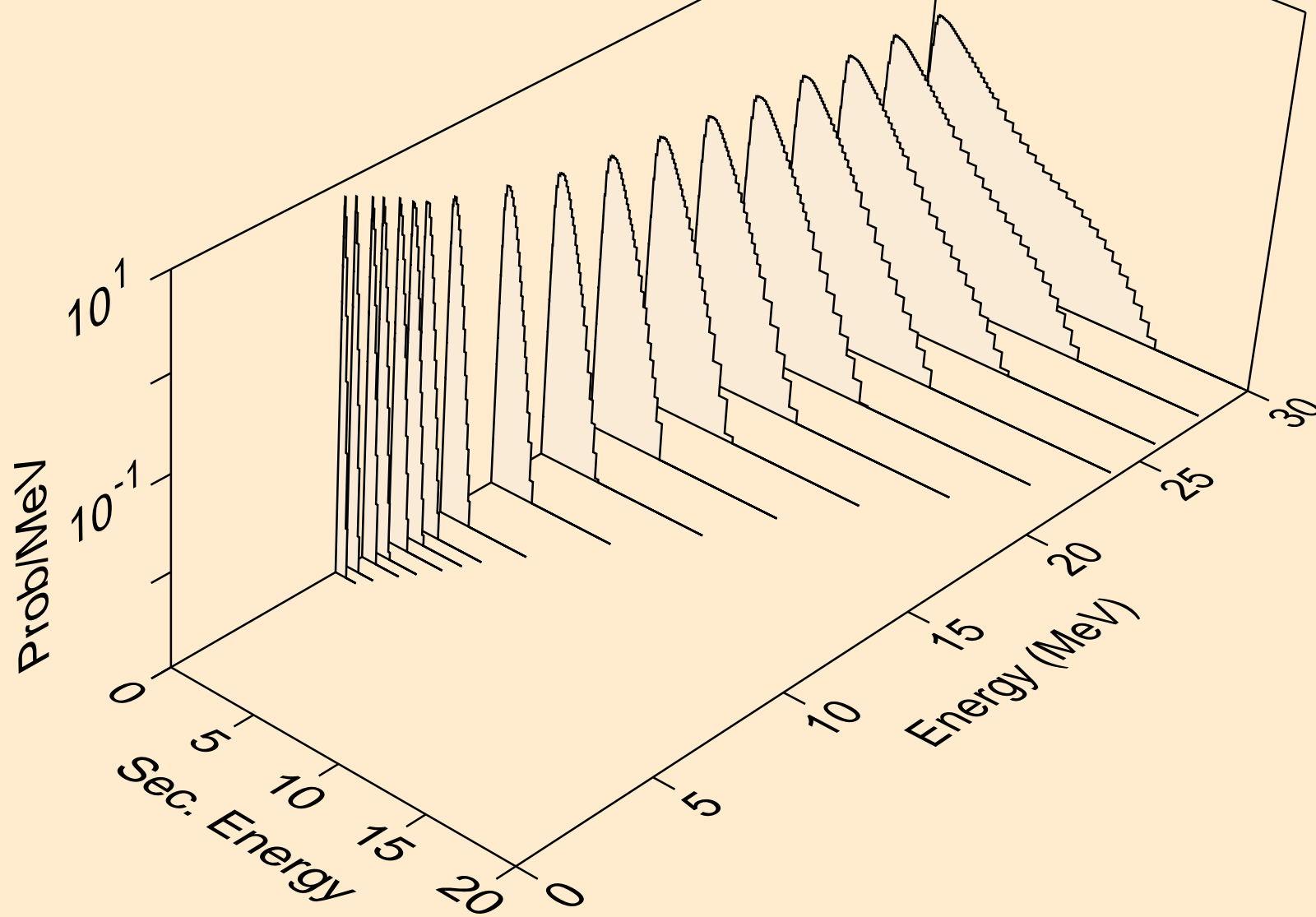
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



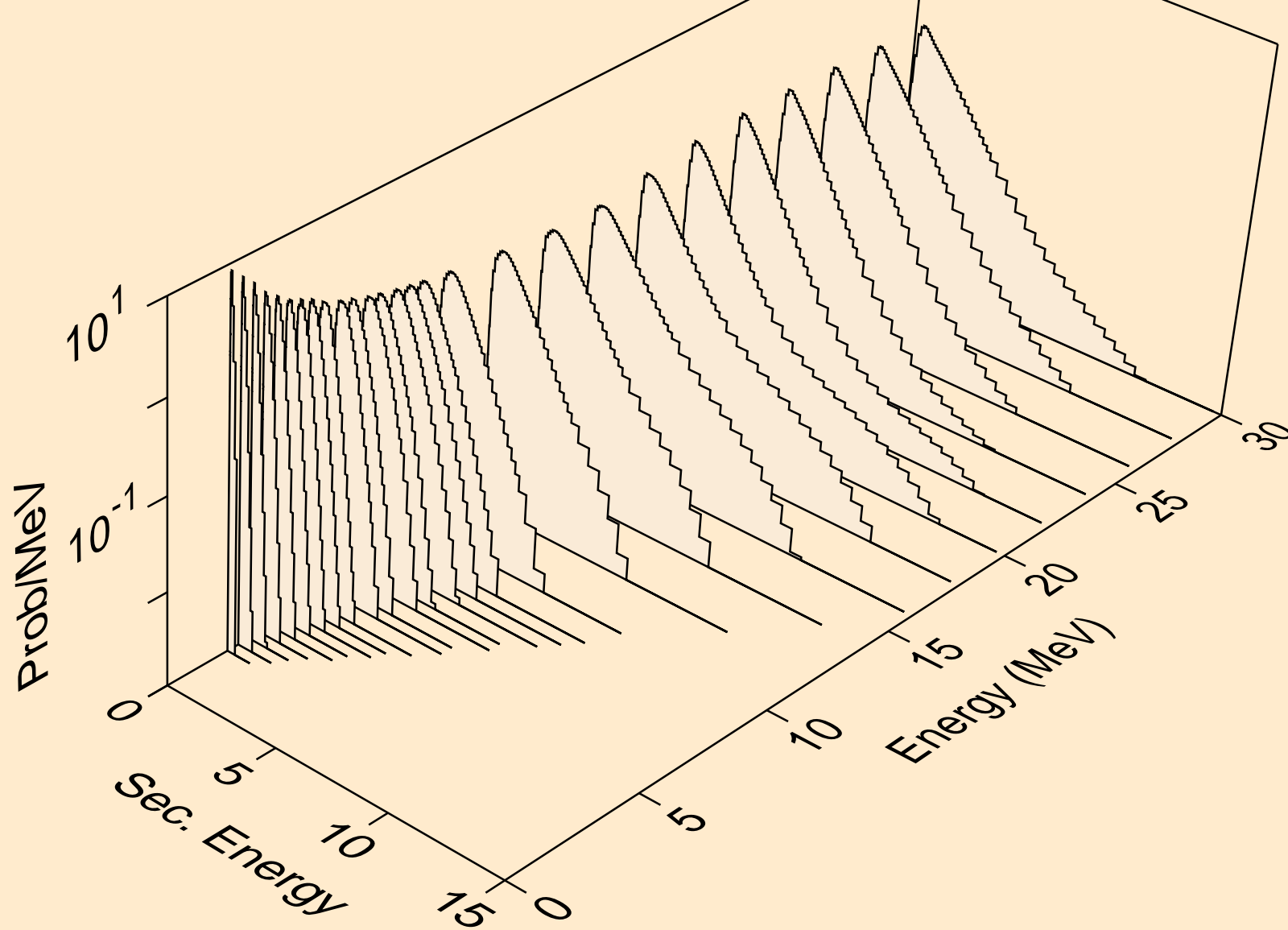
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



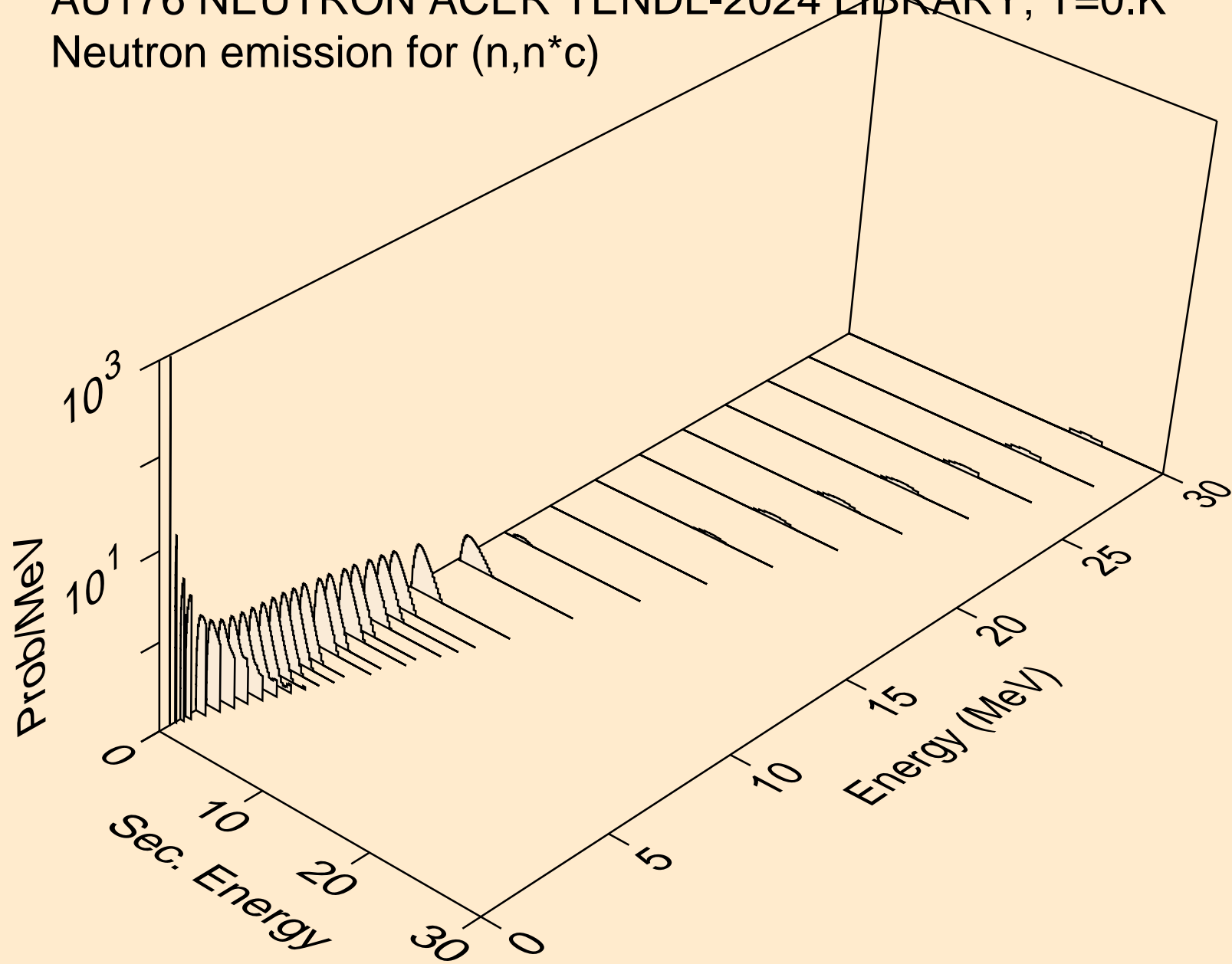
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Neutron emission for (n,n2p)



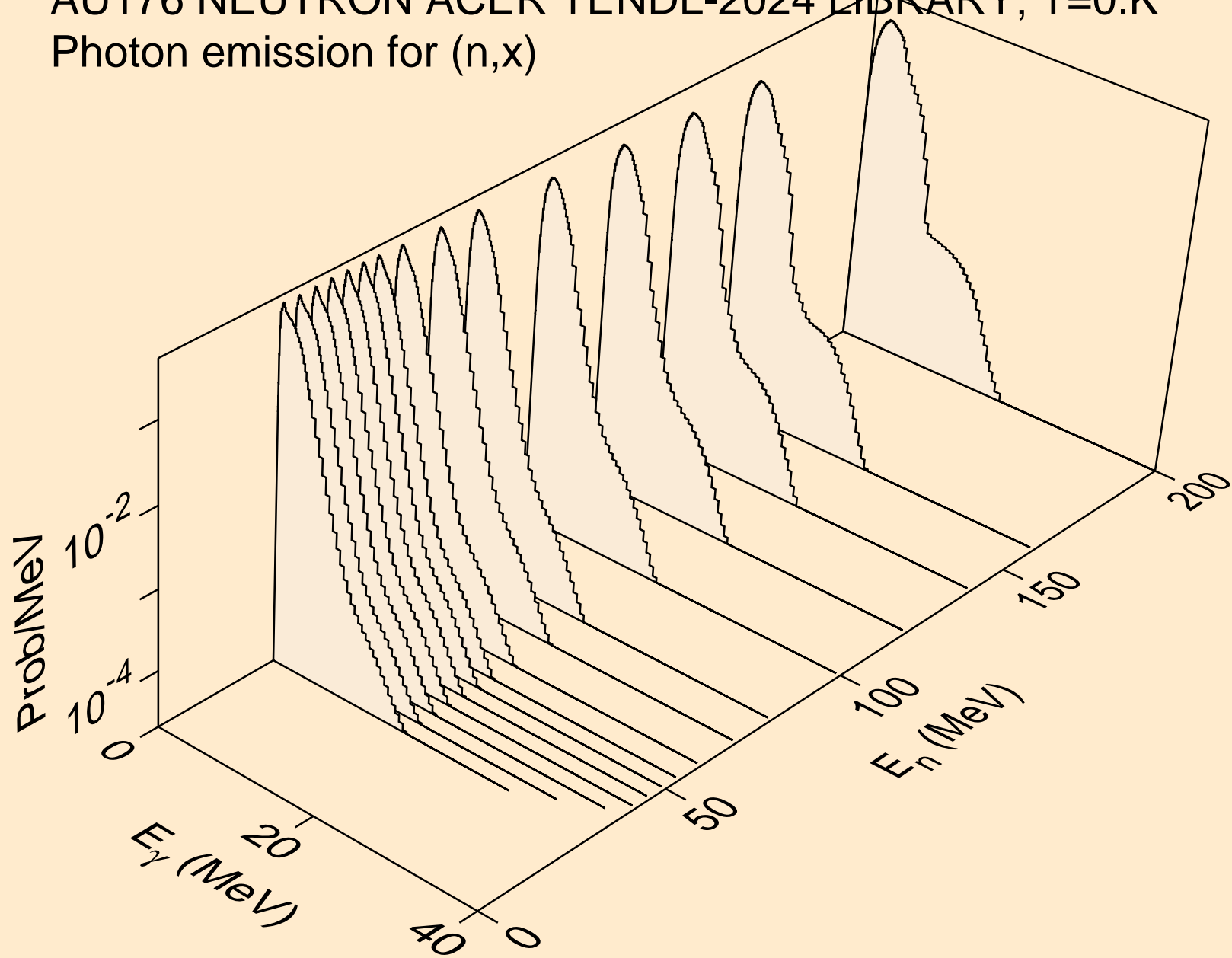
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

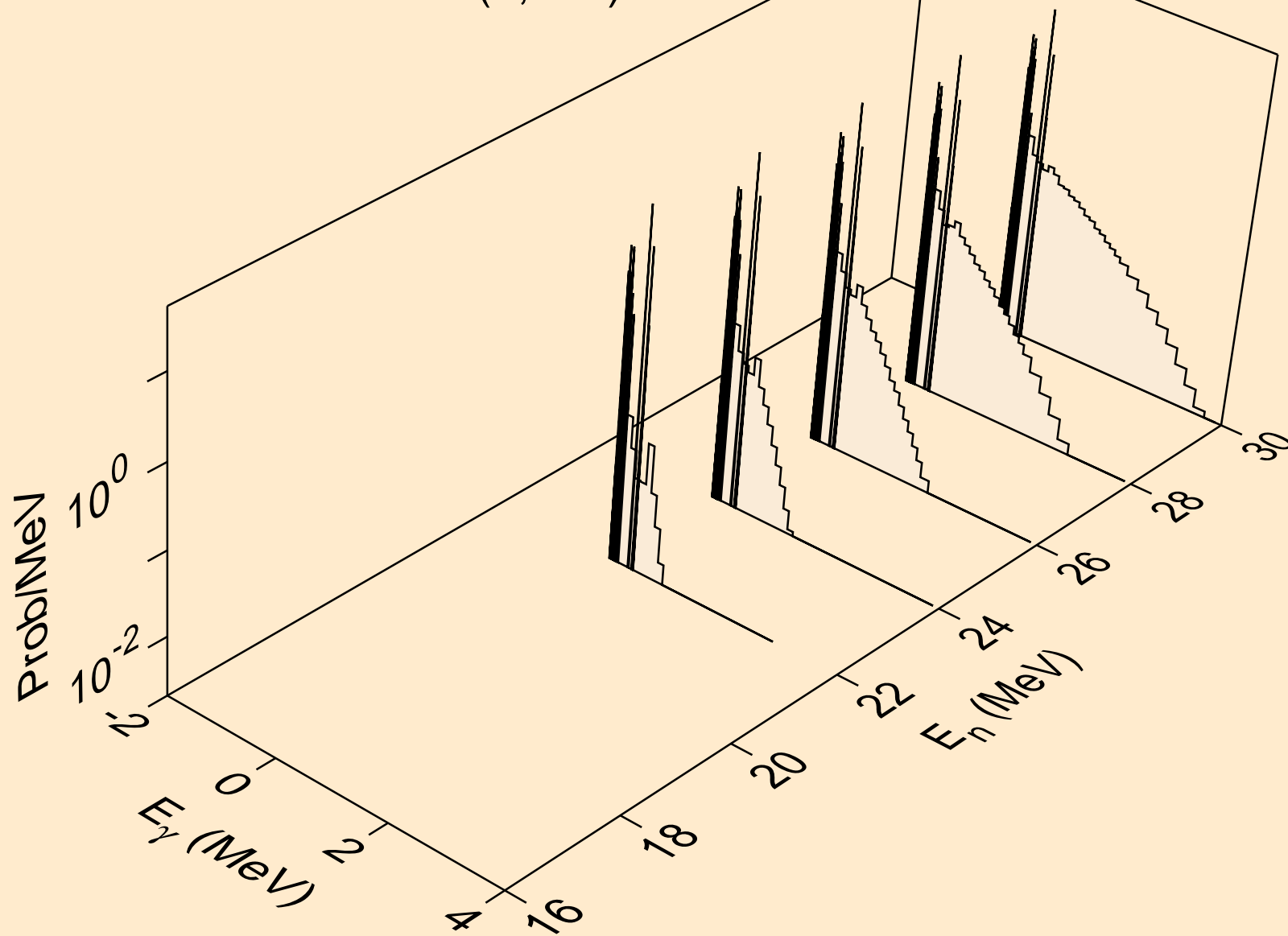


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

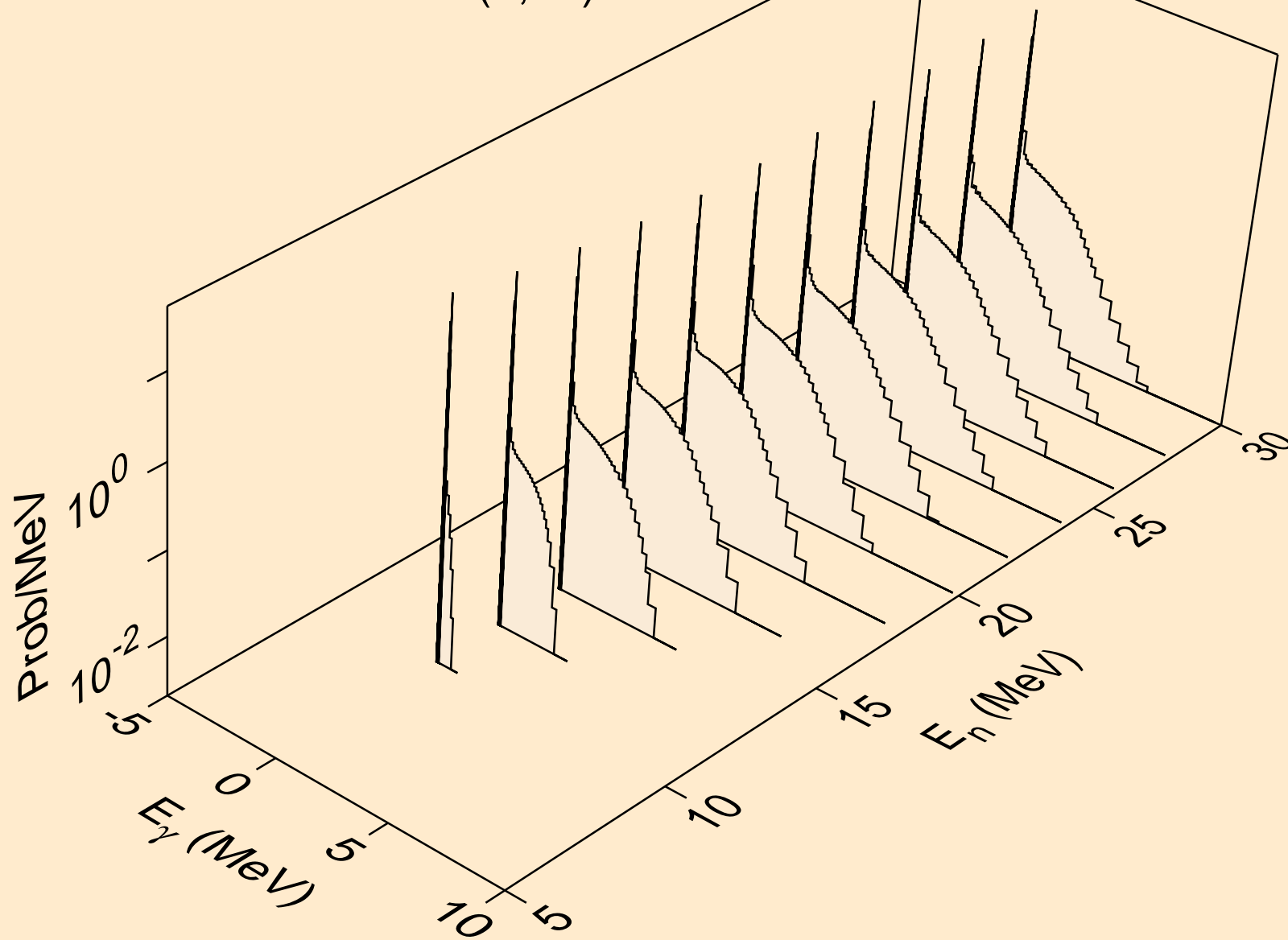




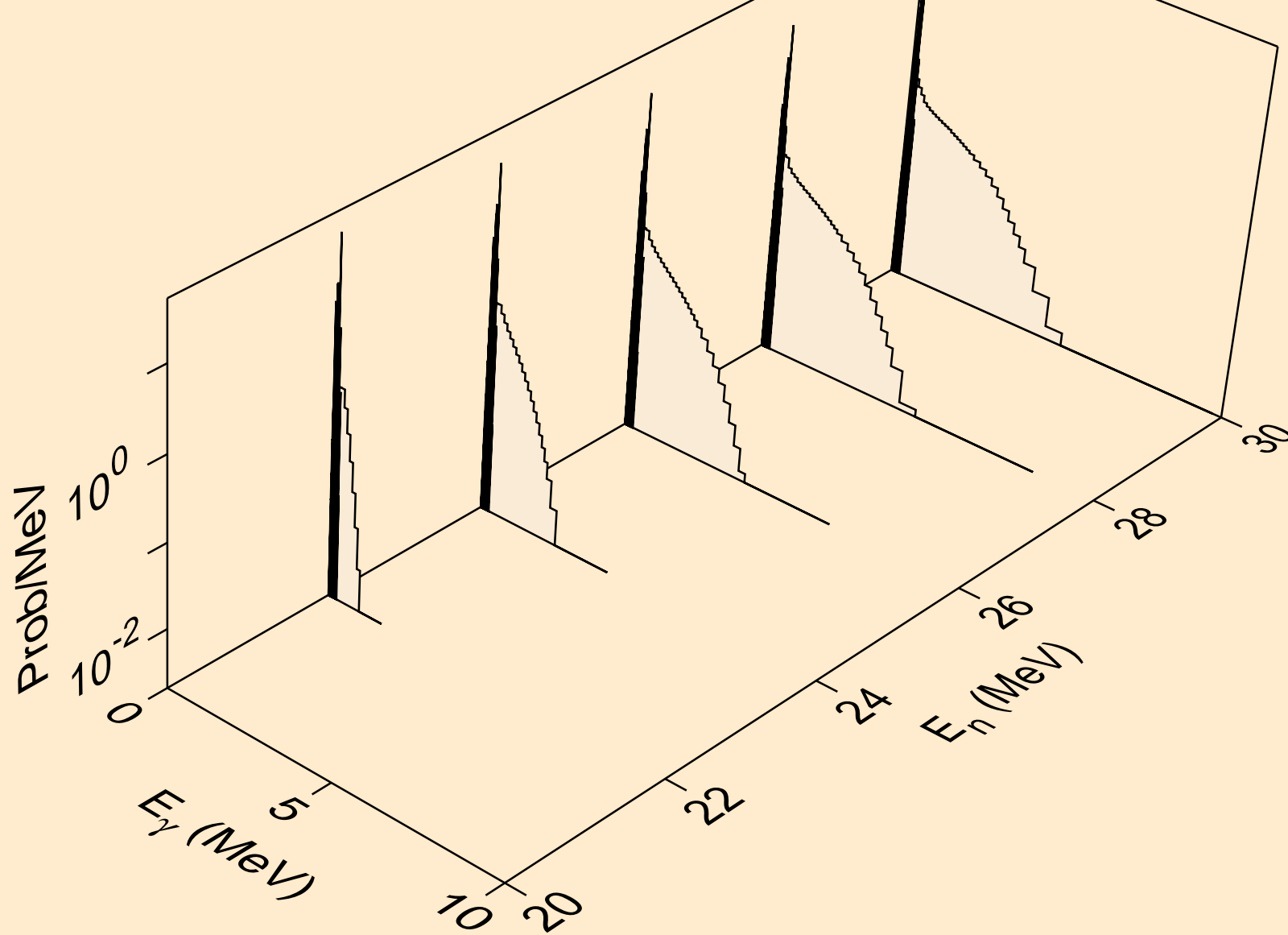
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



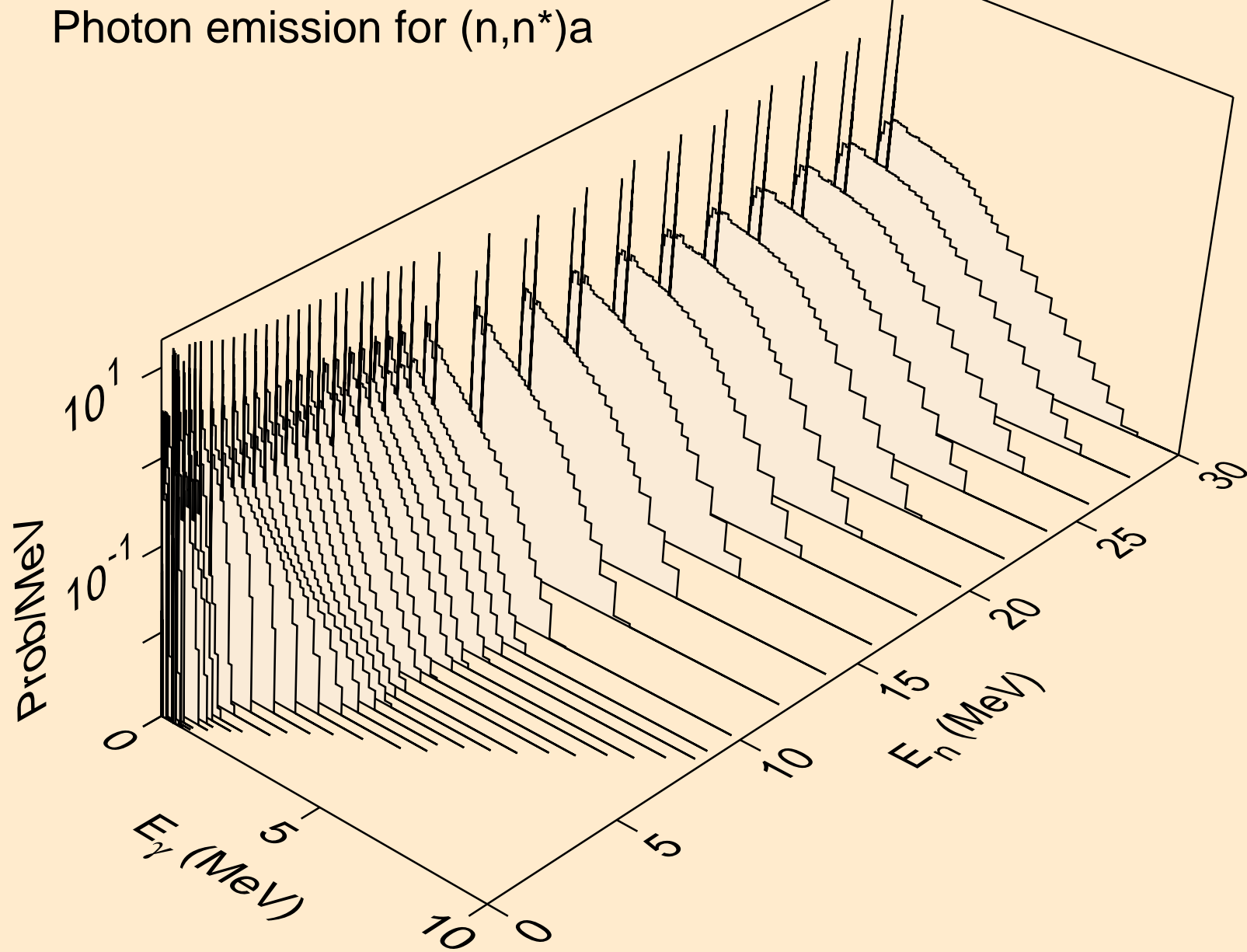
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



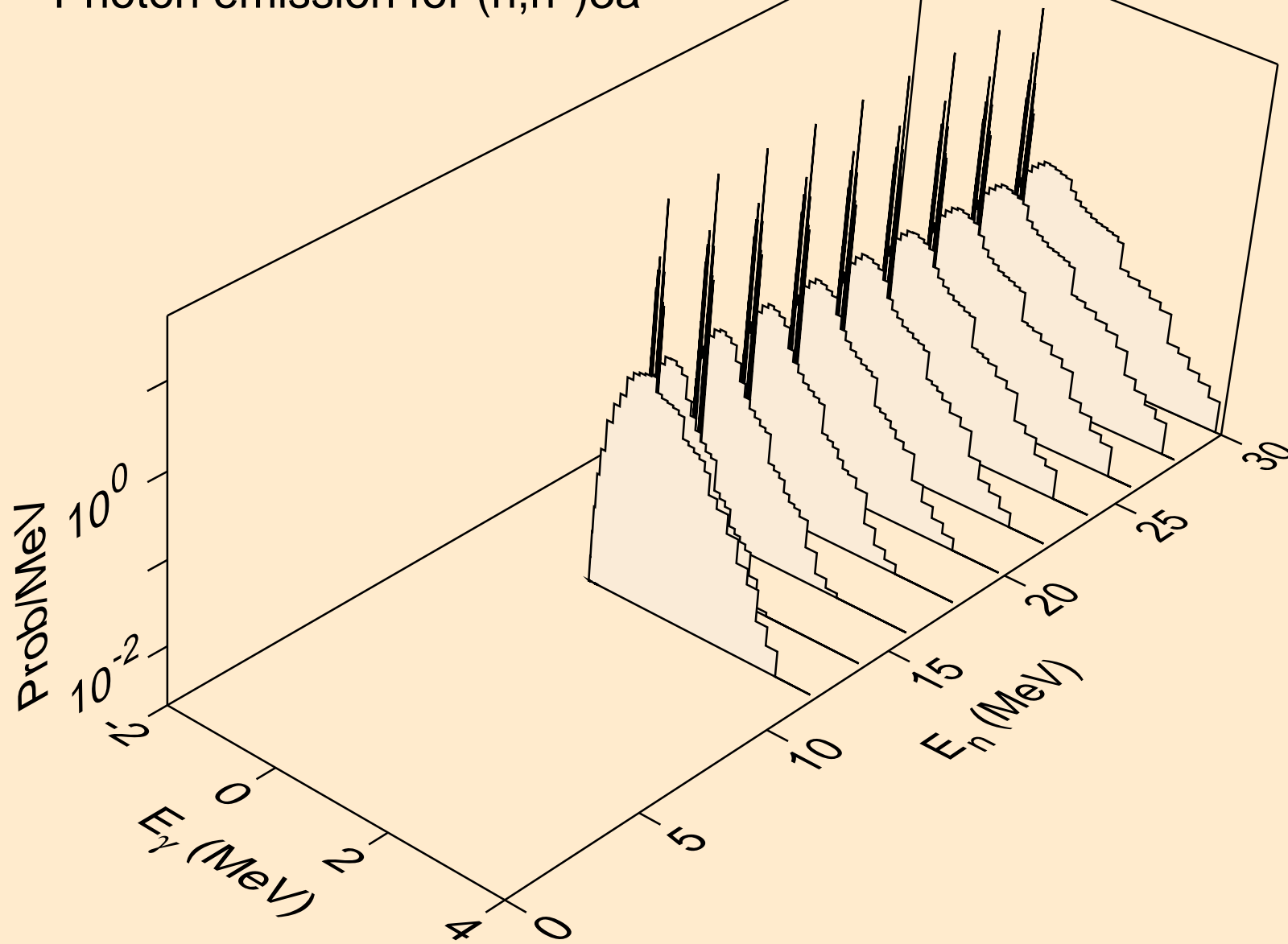
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



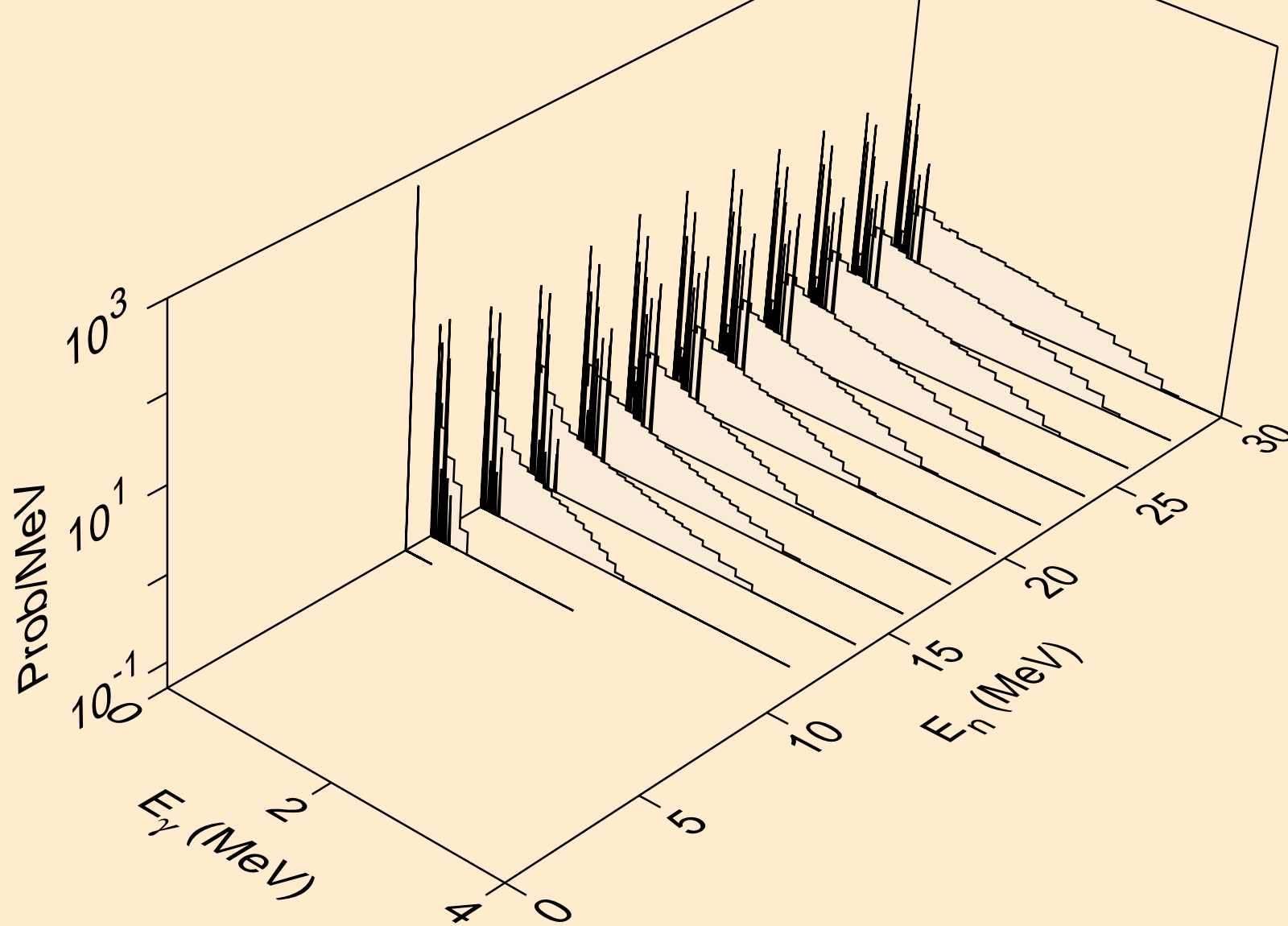
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



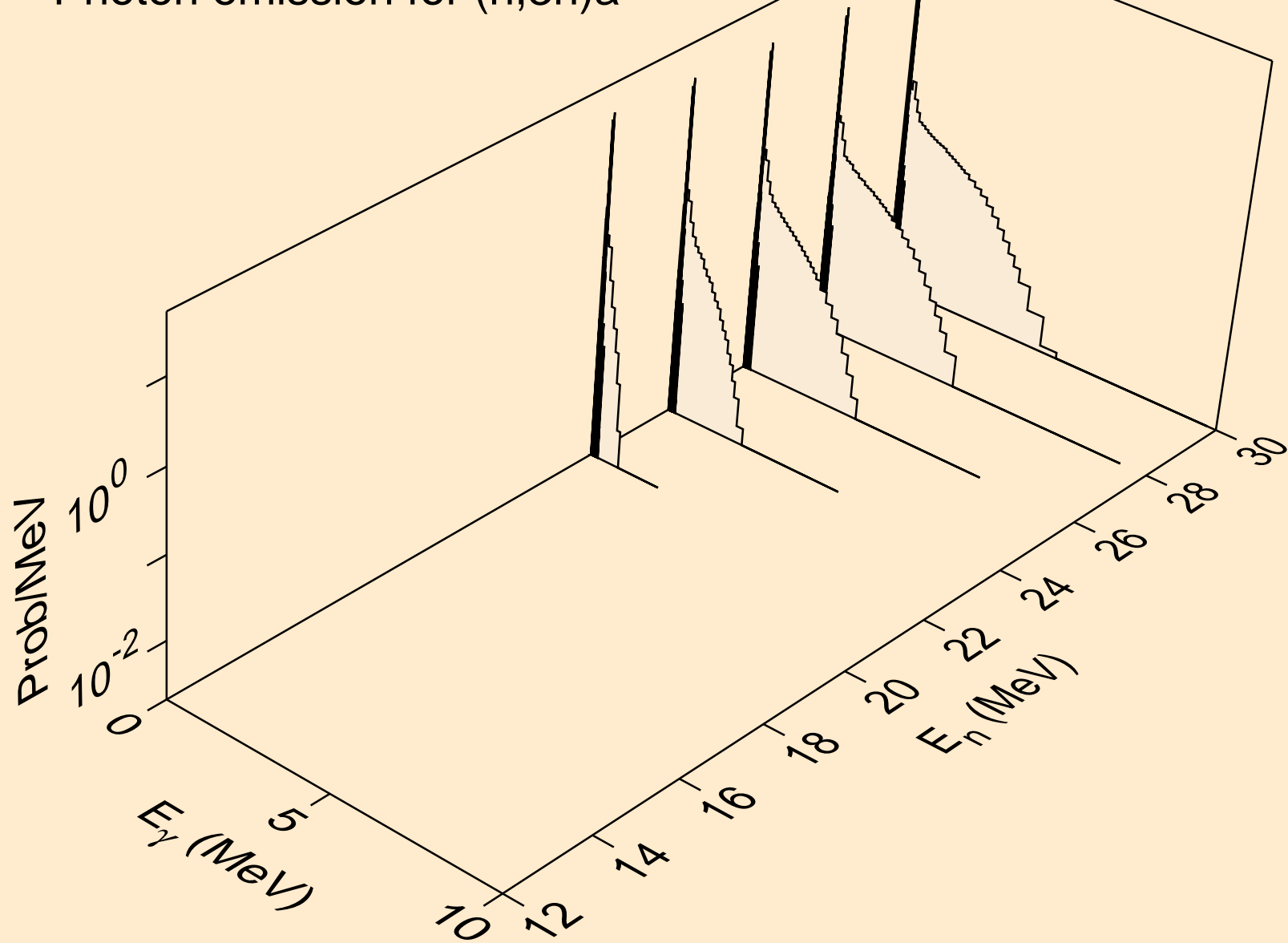
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



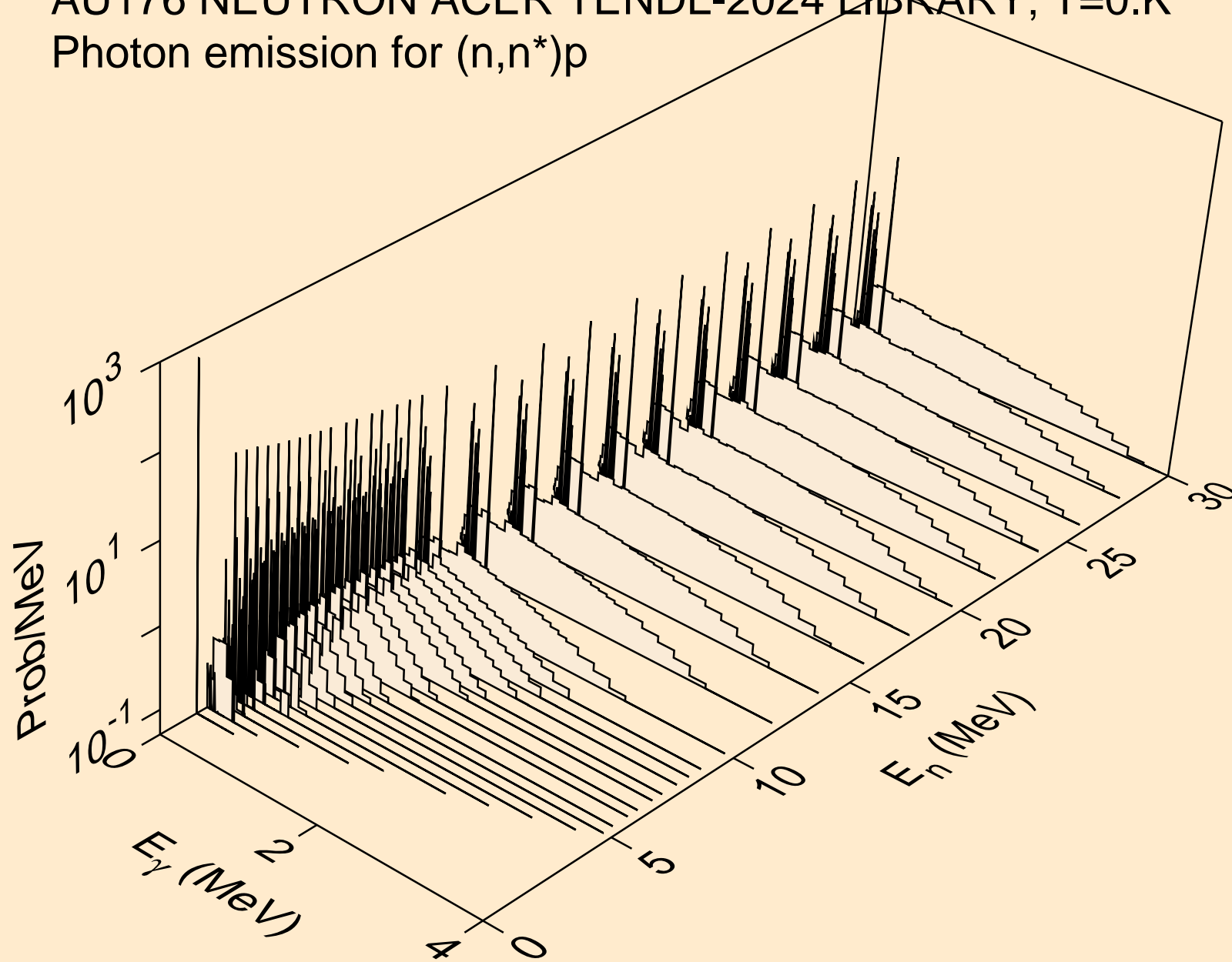
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

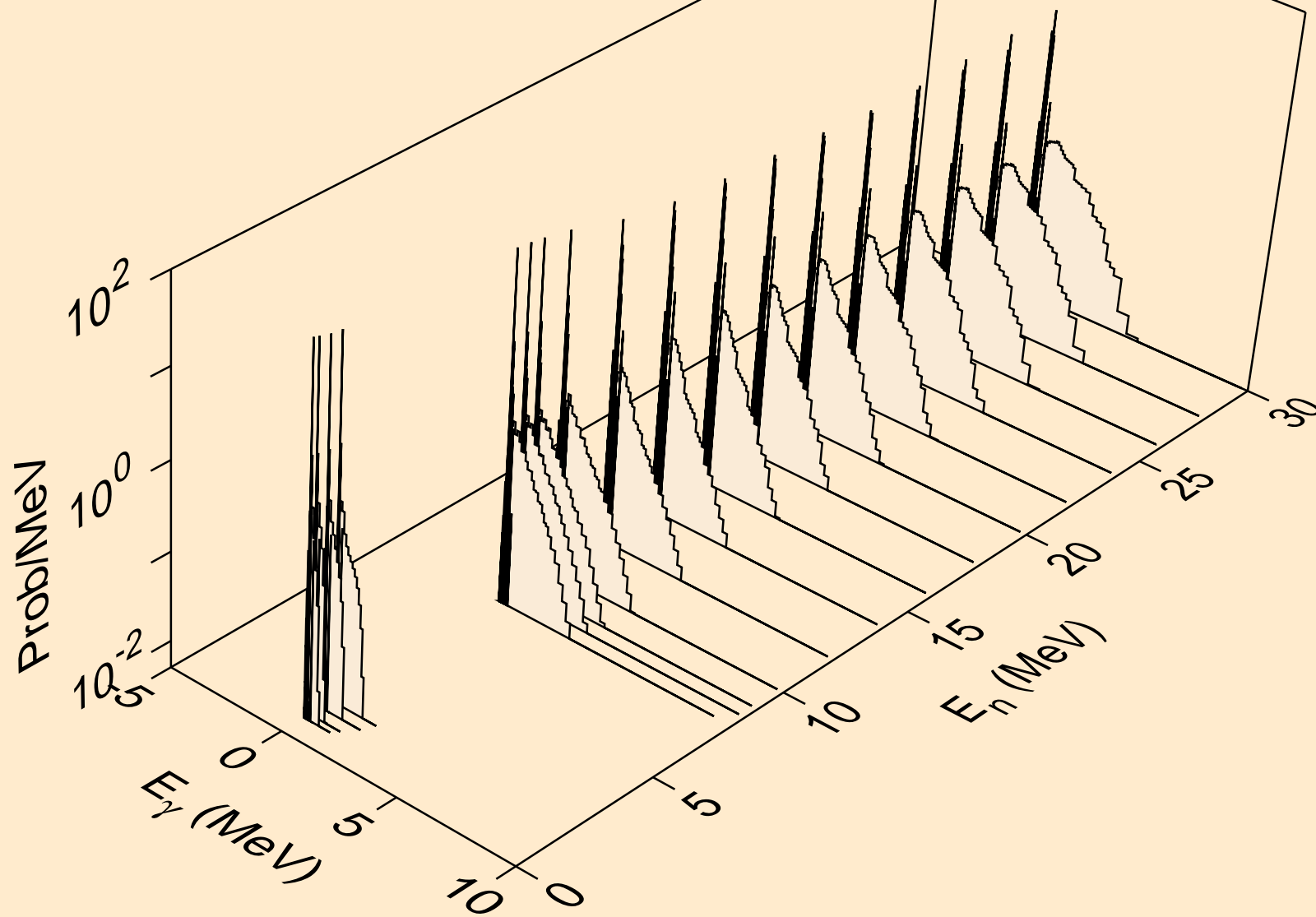


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

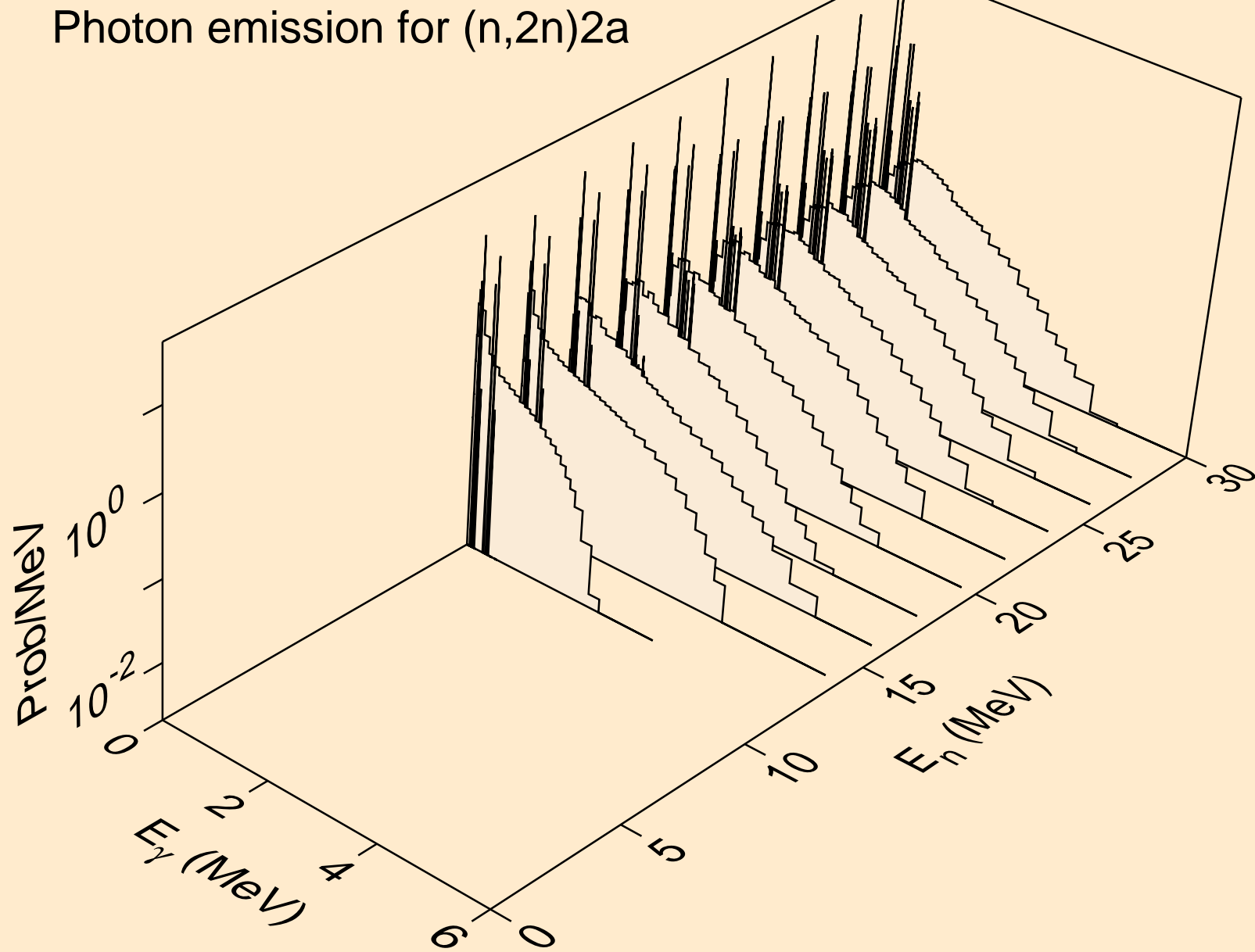




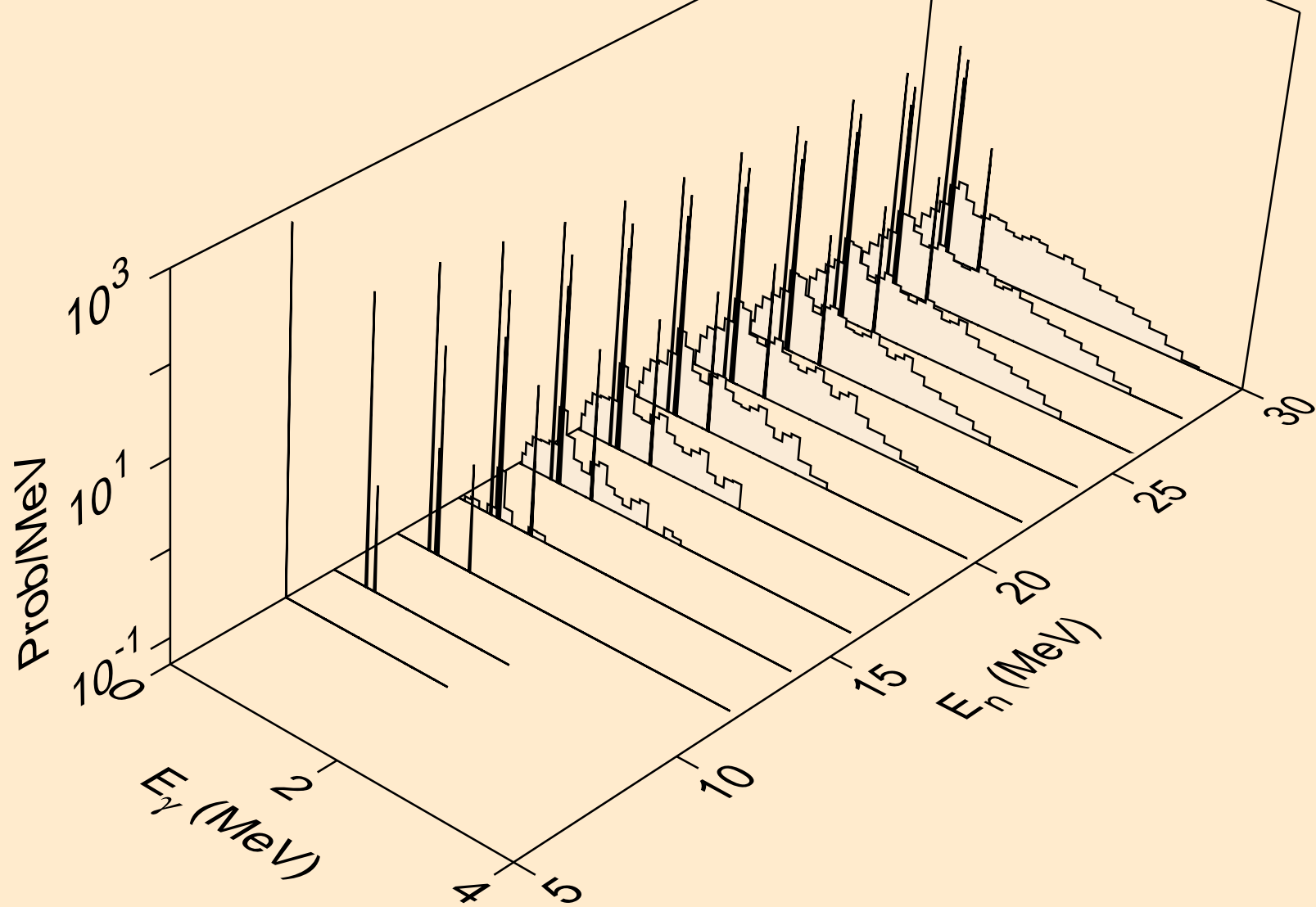
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



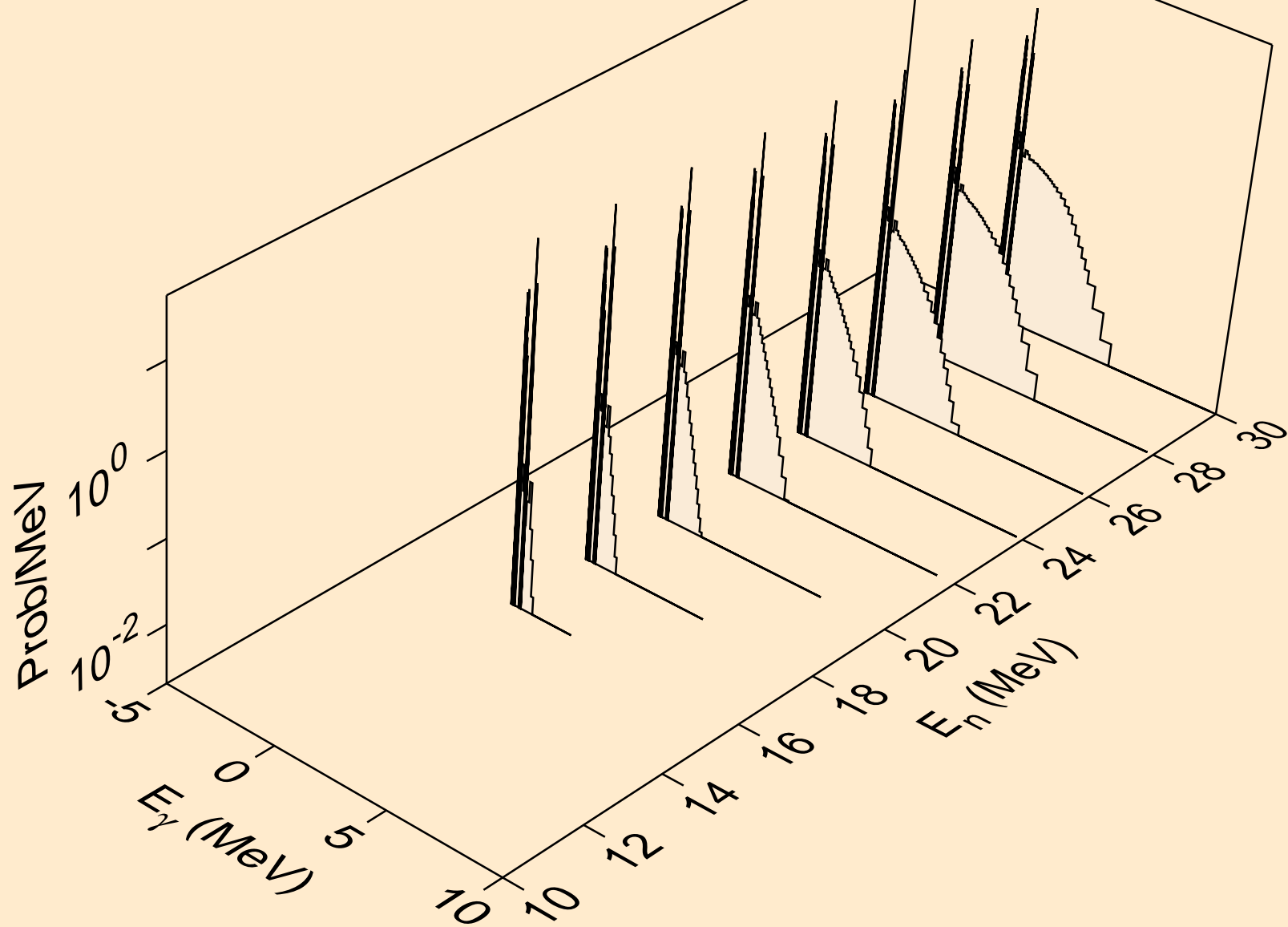
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



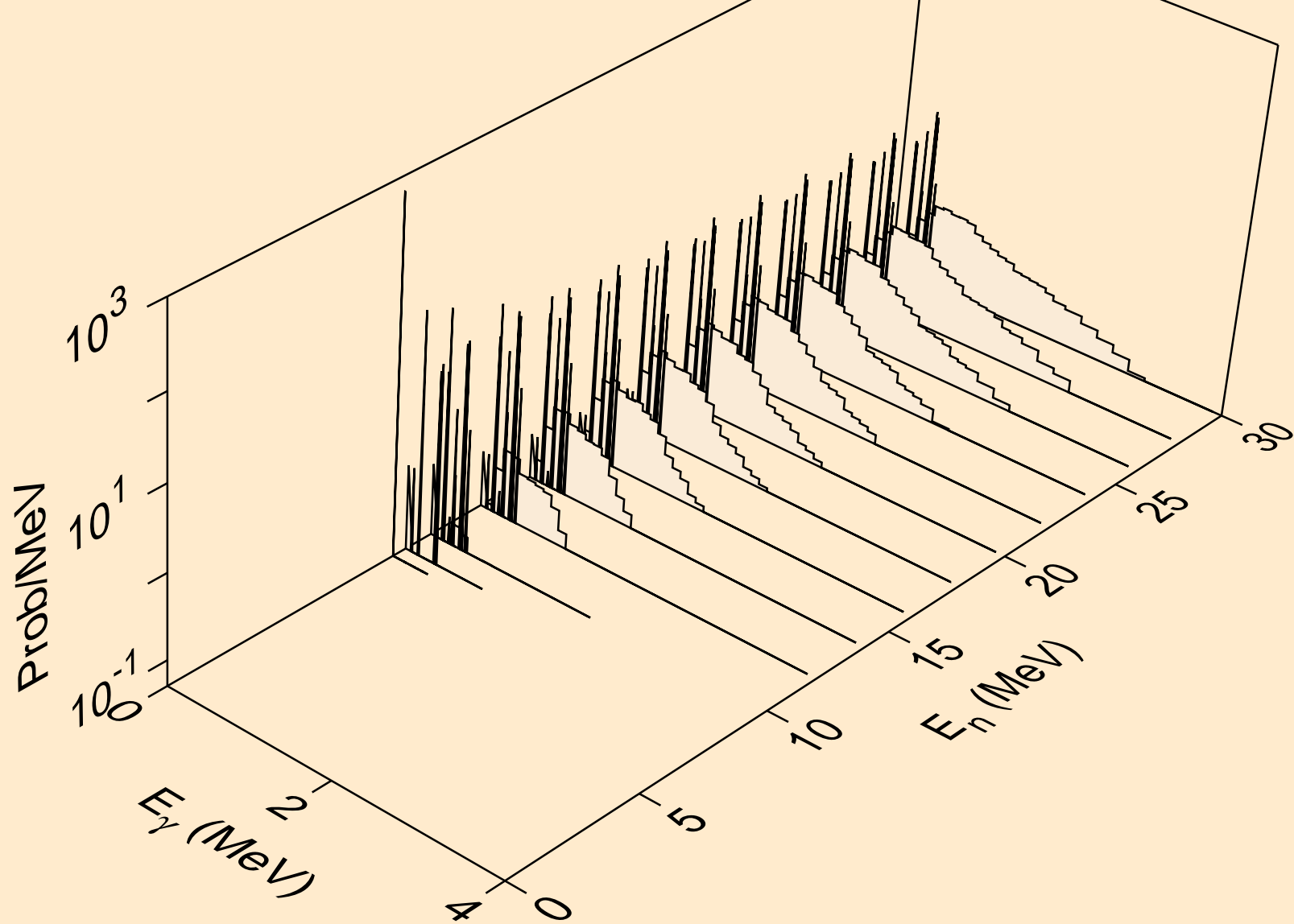
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



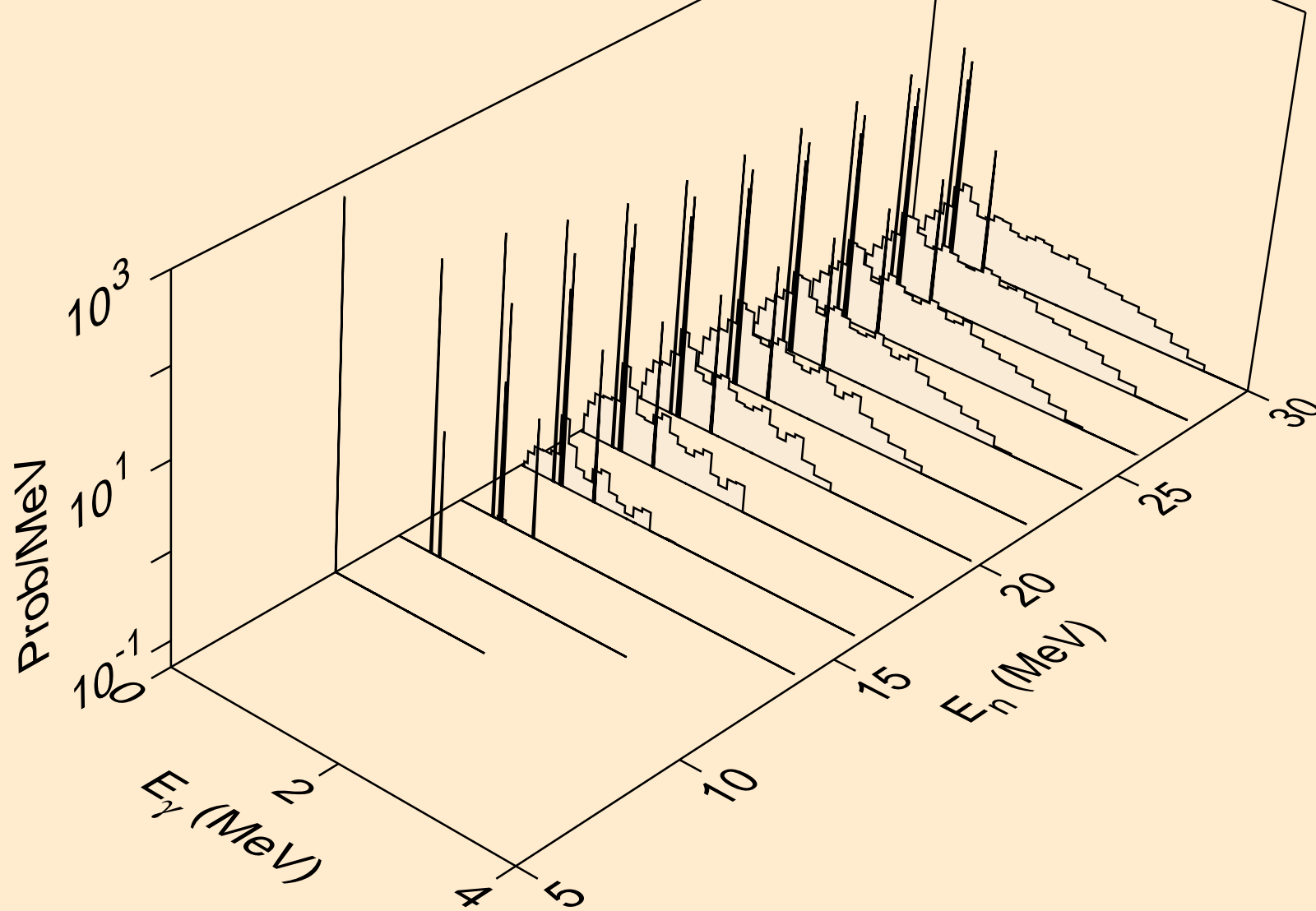
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



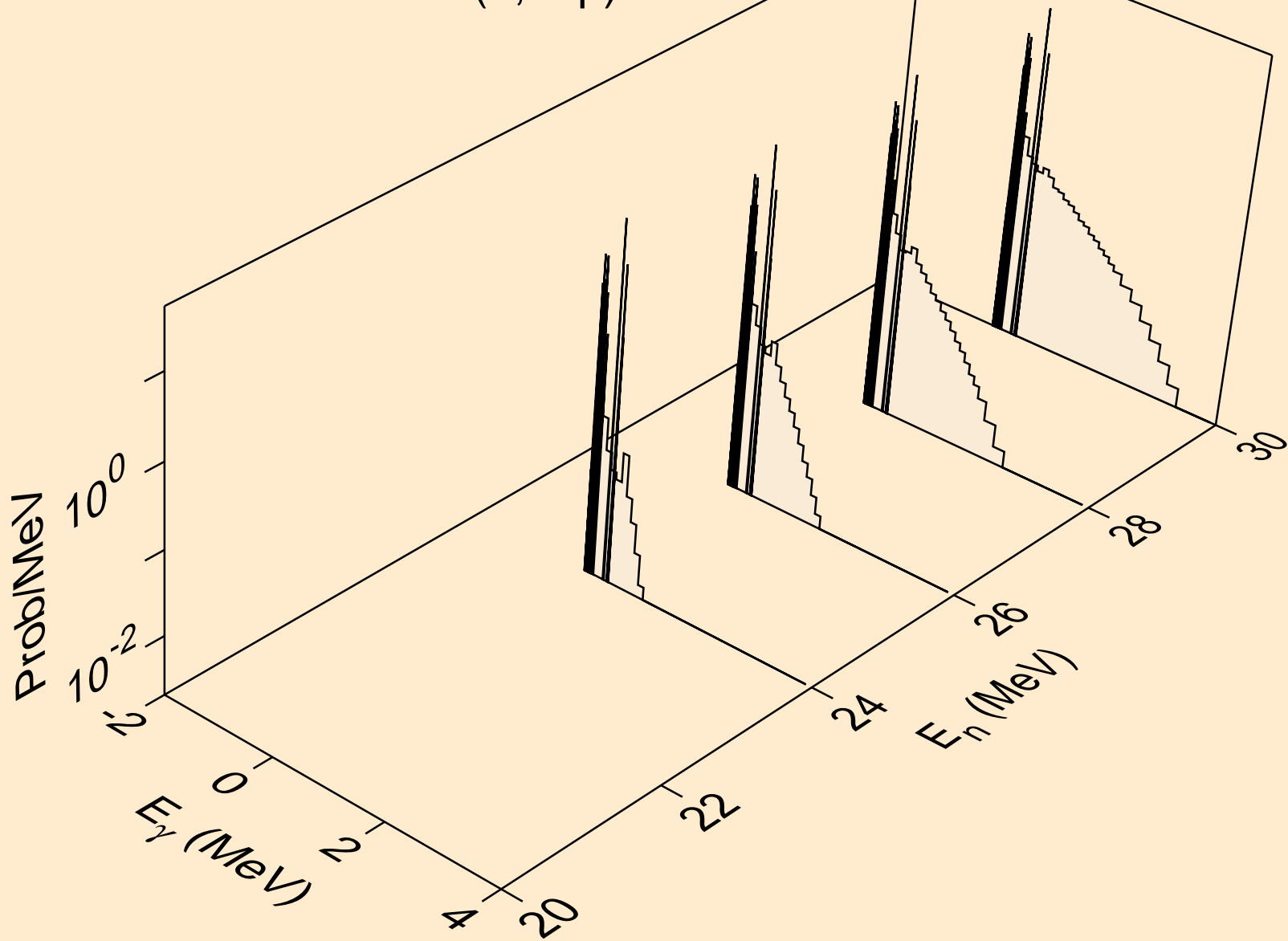
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



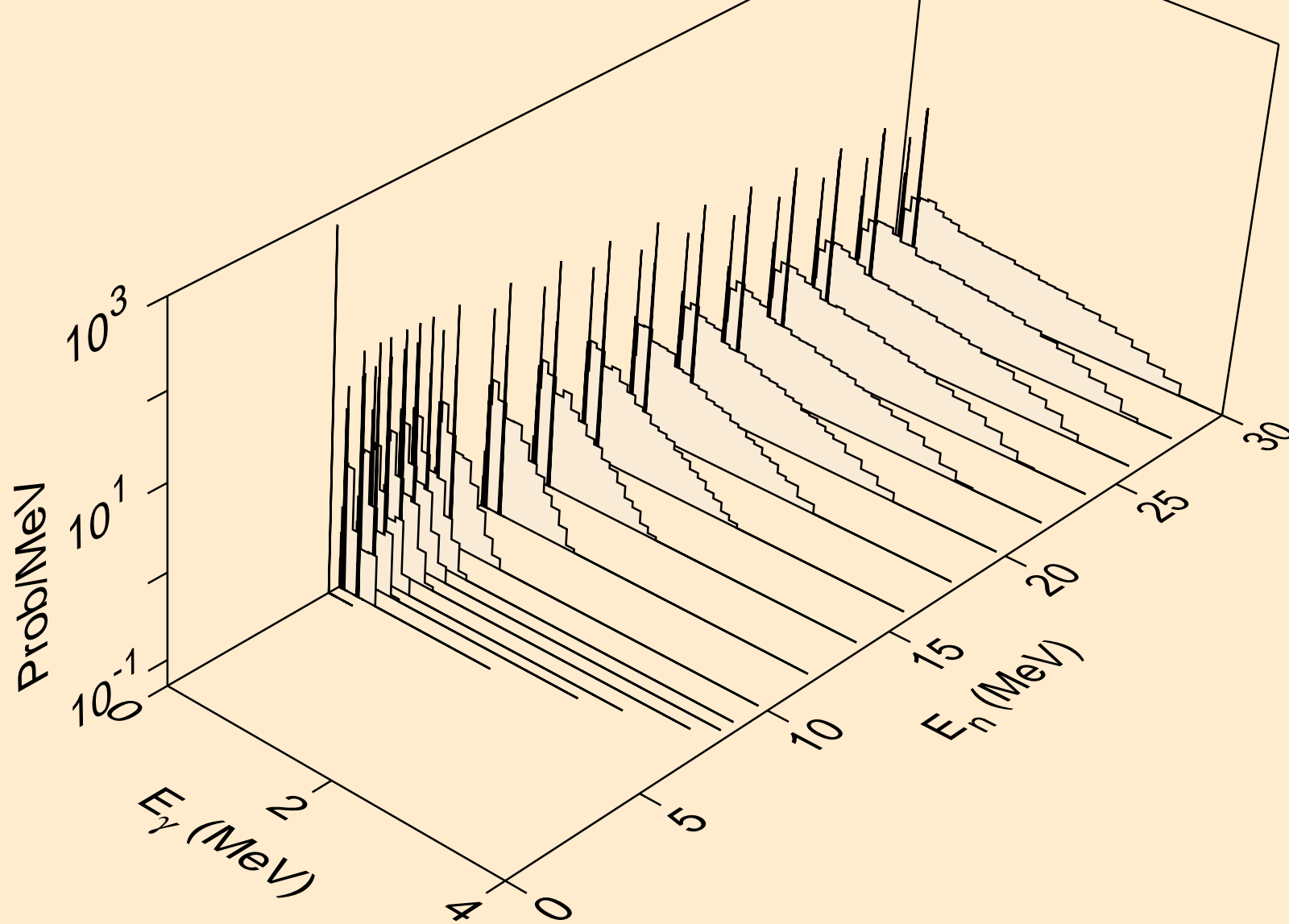
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

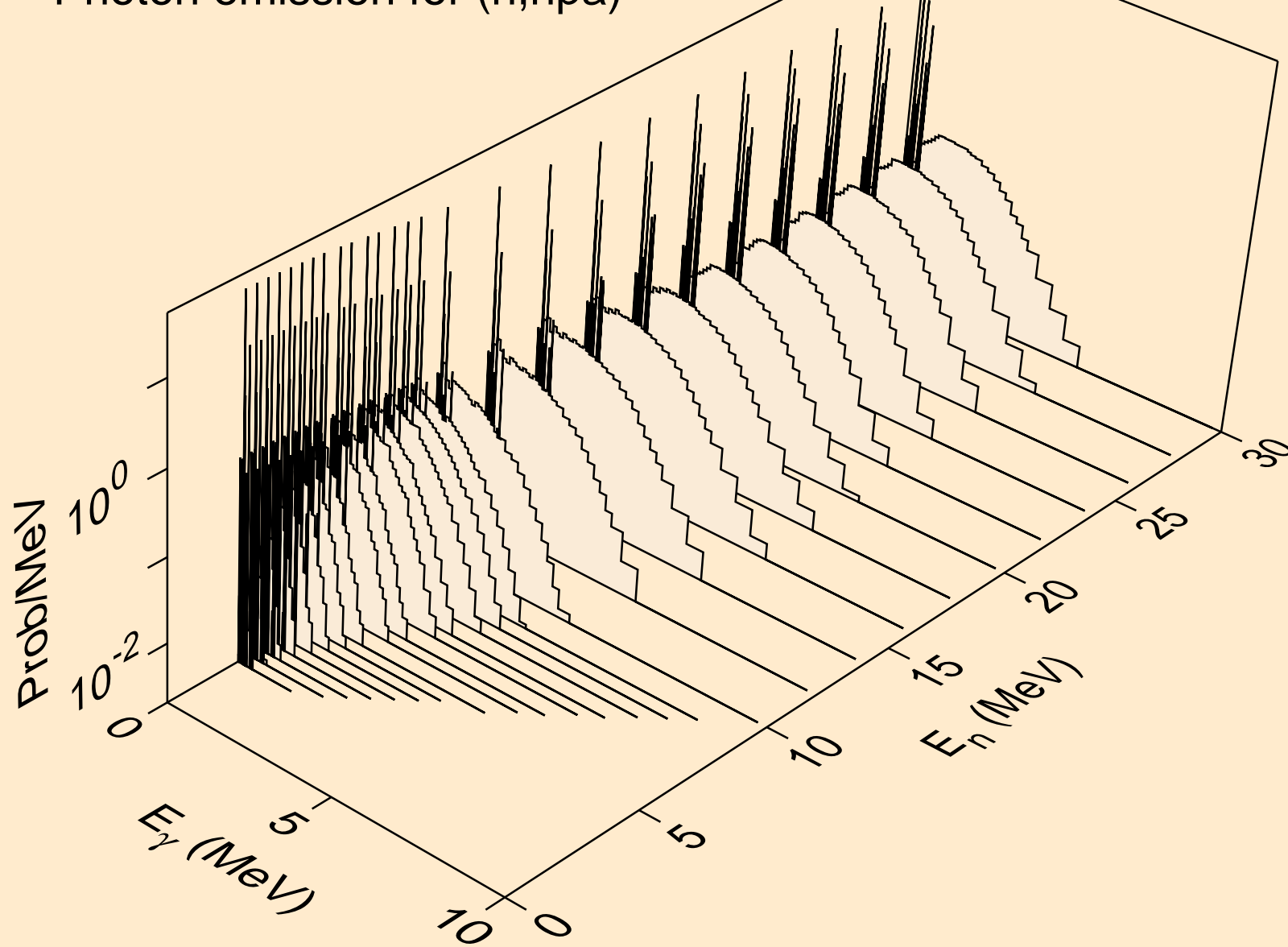


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

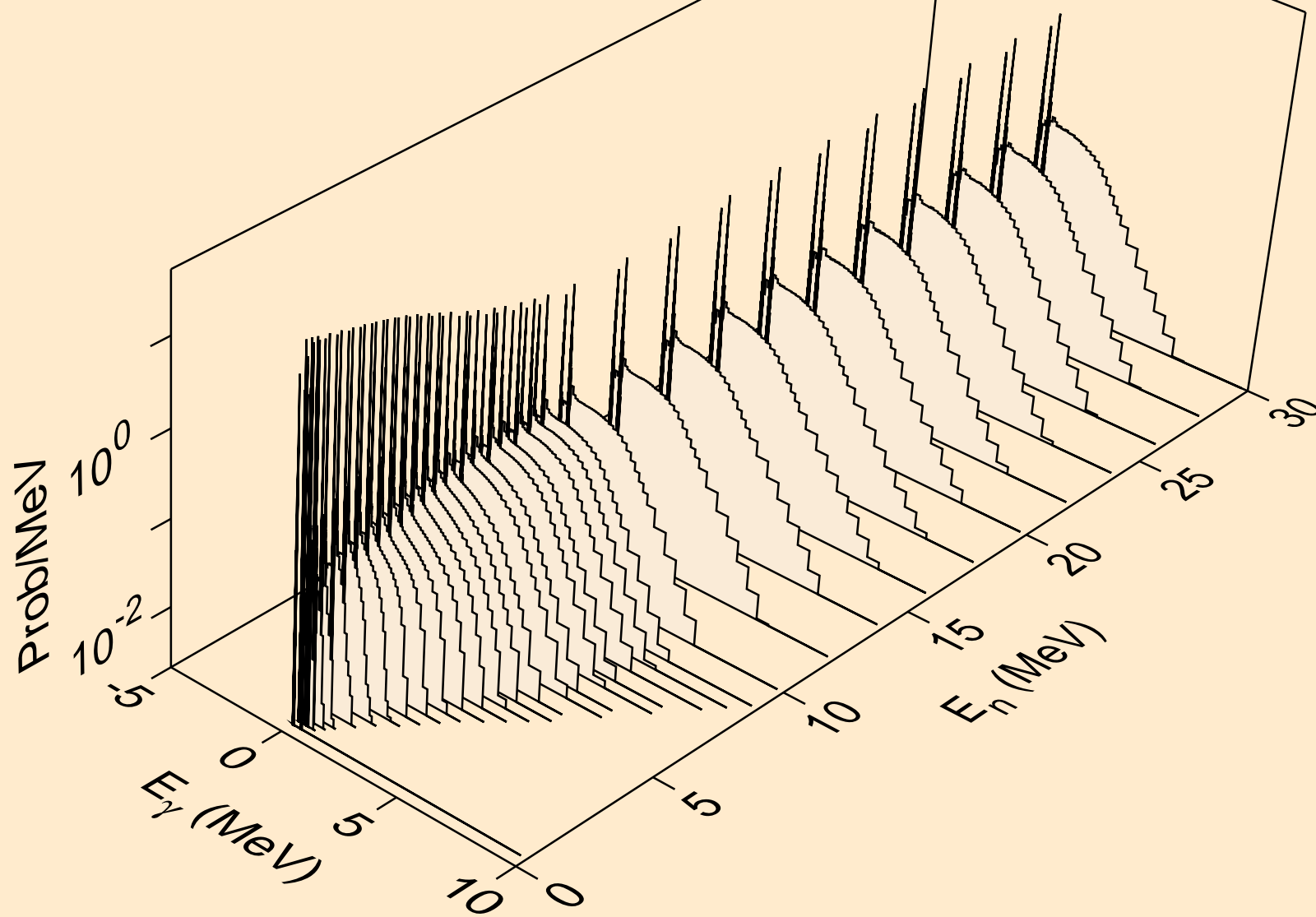




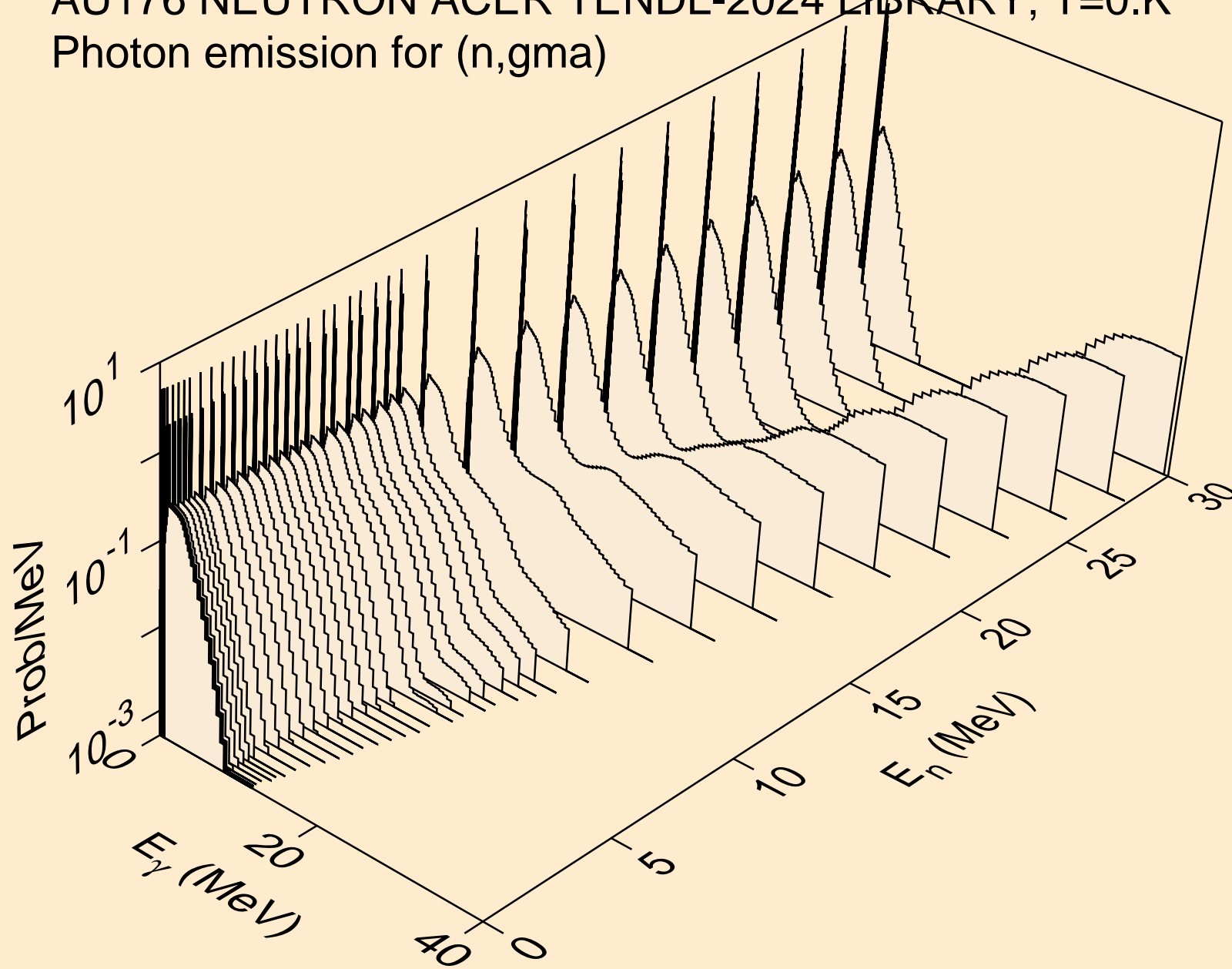
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



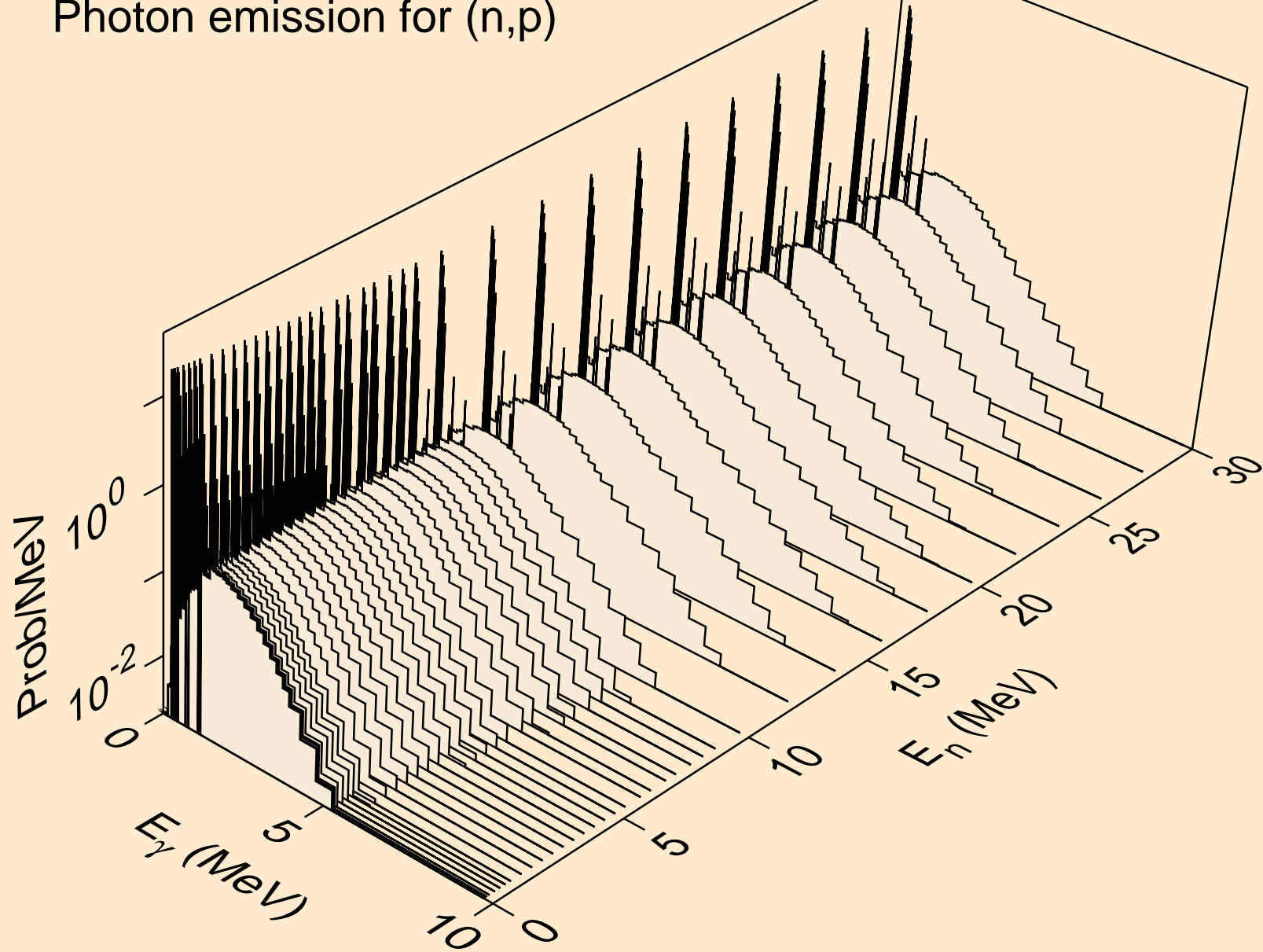
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Photon emission for (n,n\*c)



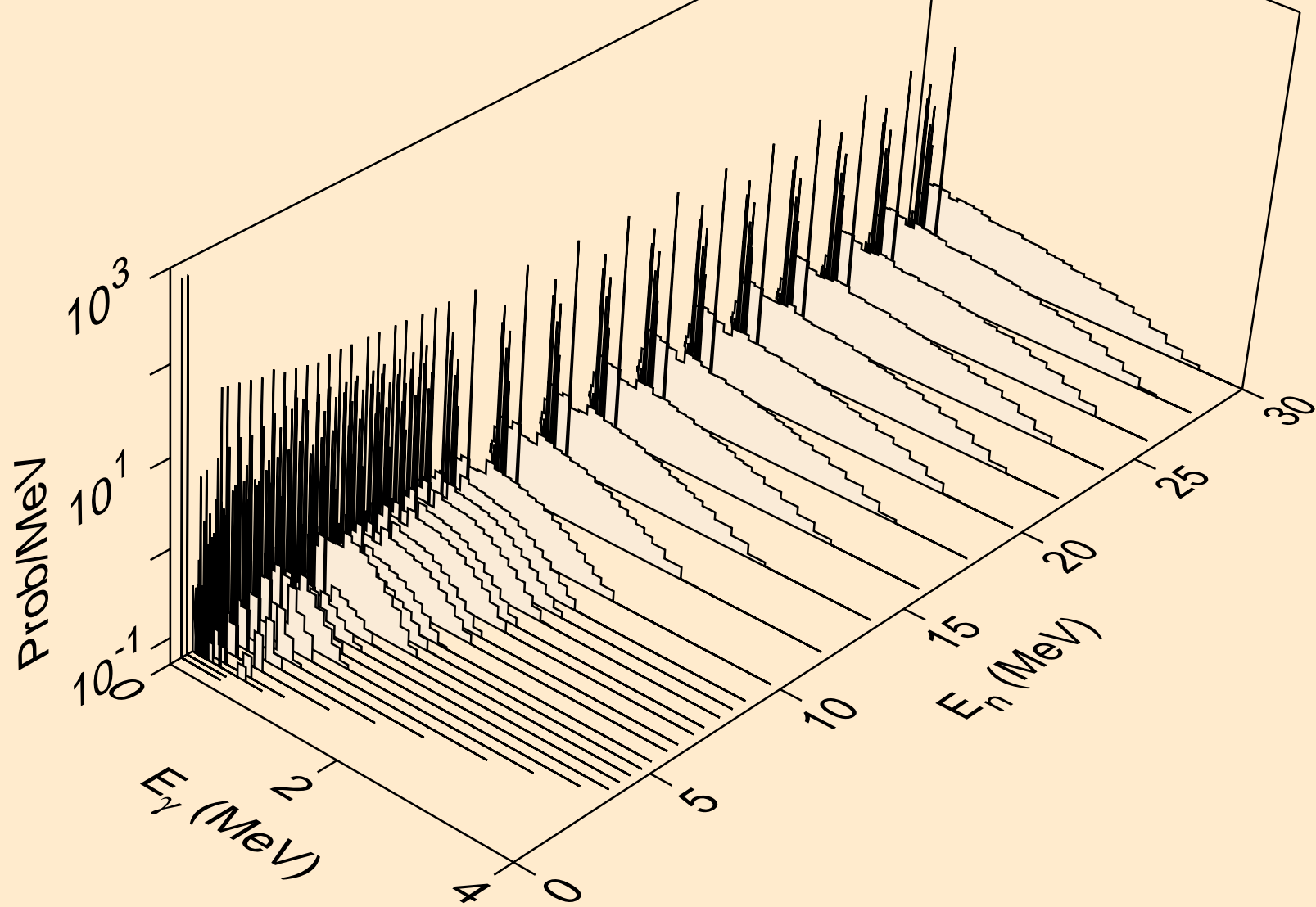
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



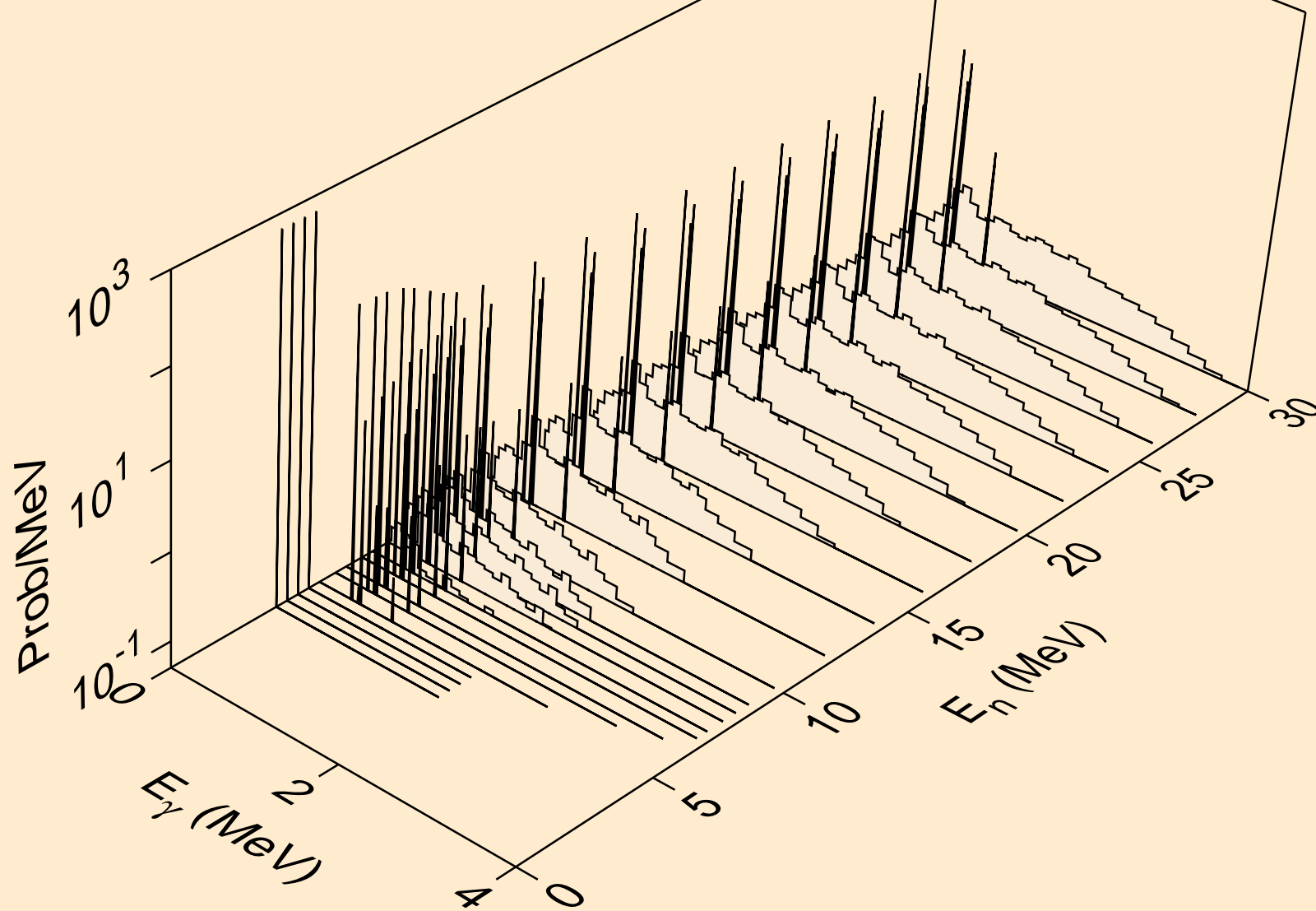
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



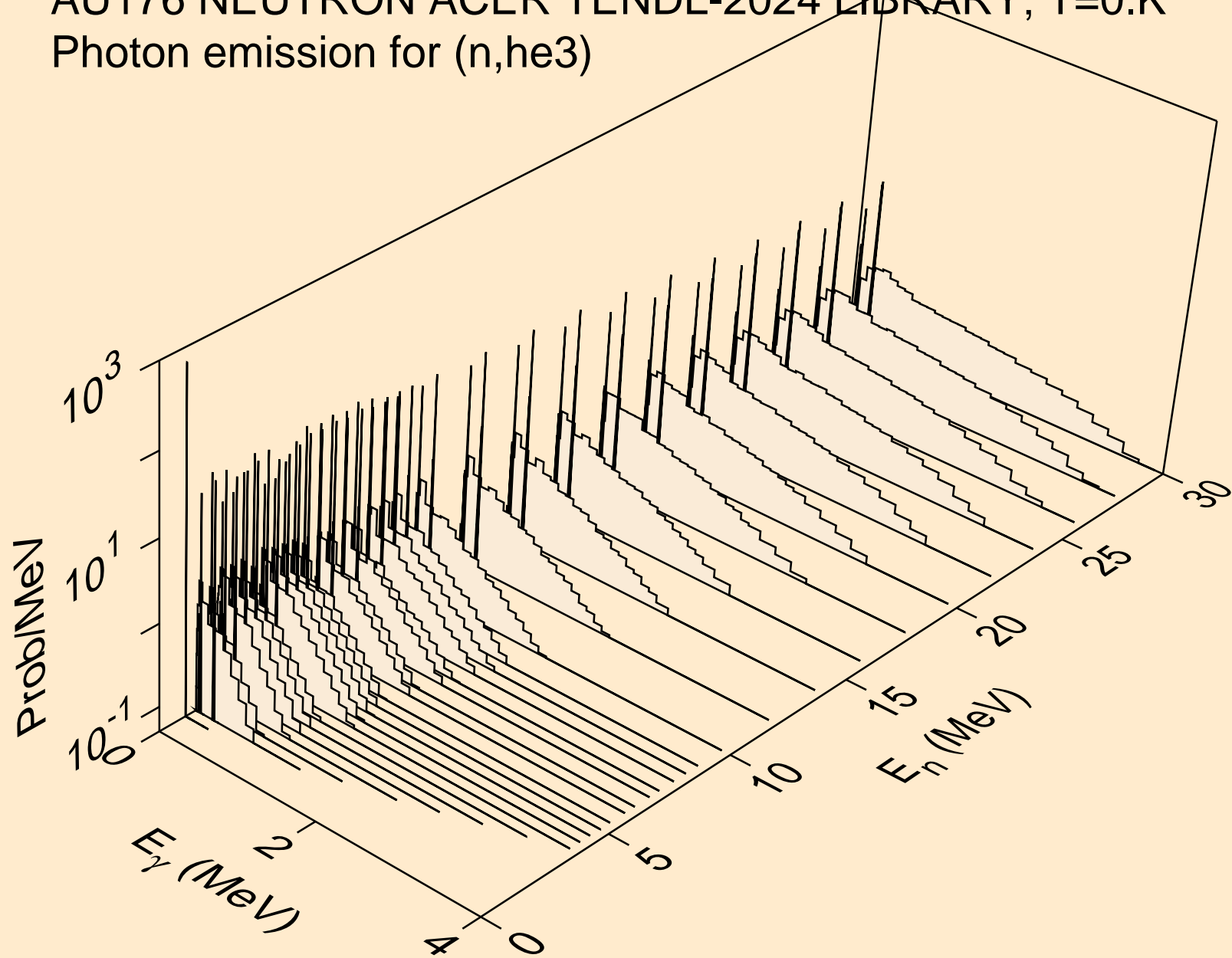
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Photon emission for (n,d)



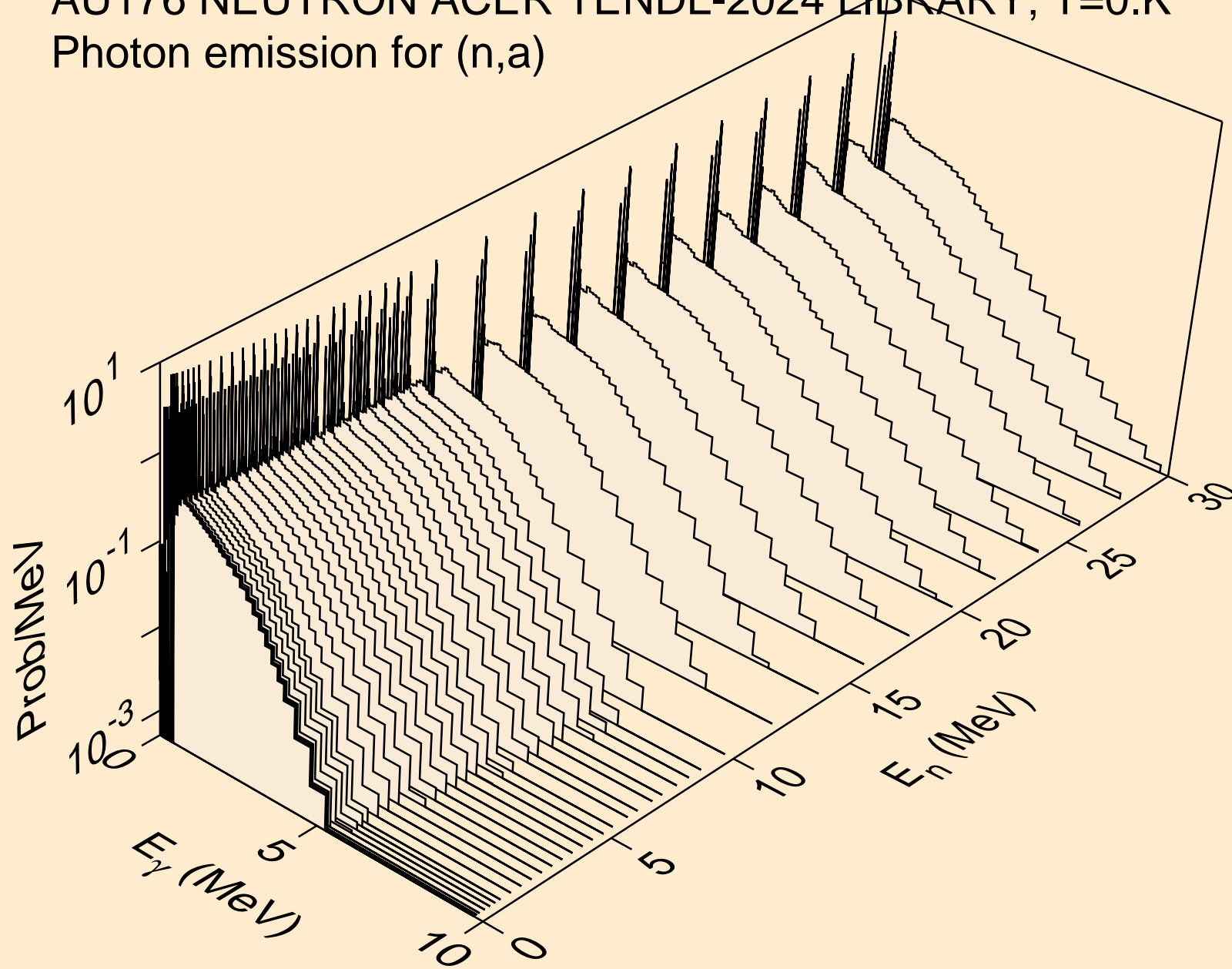
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

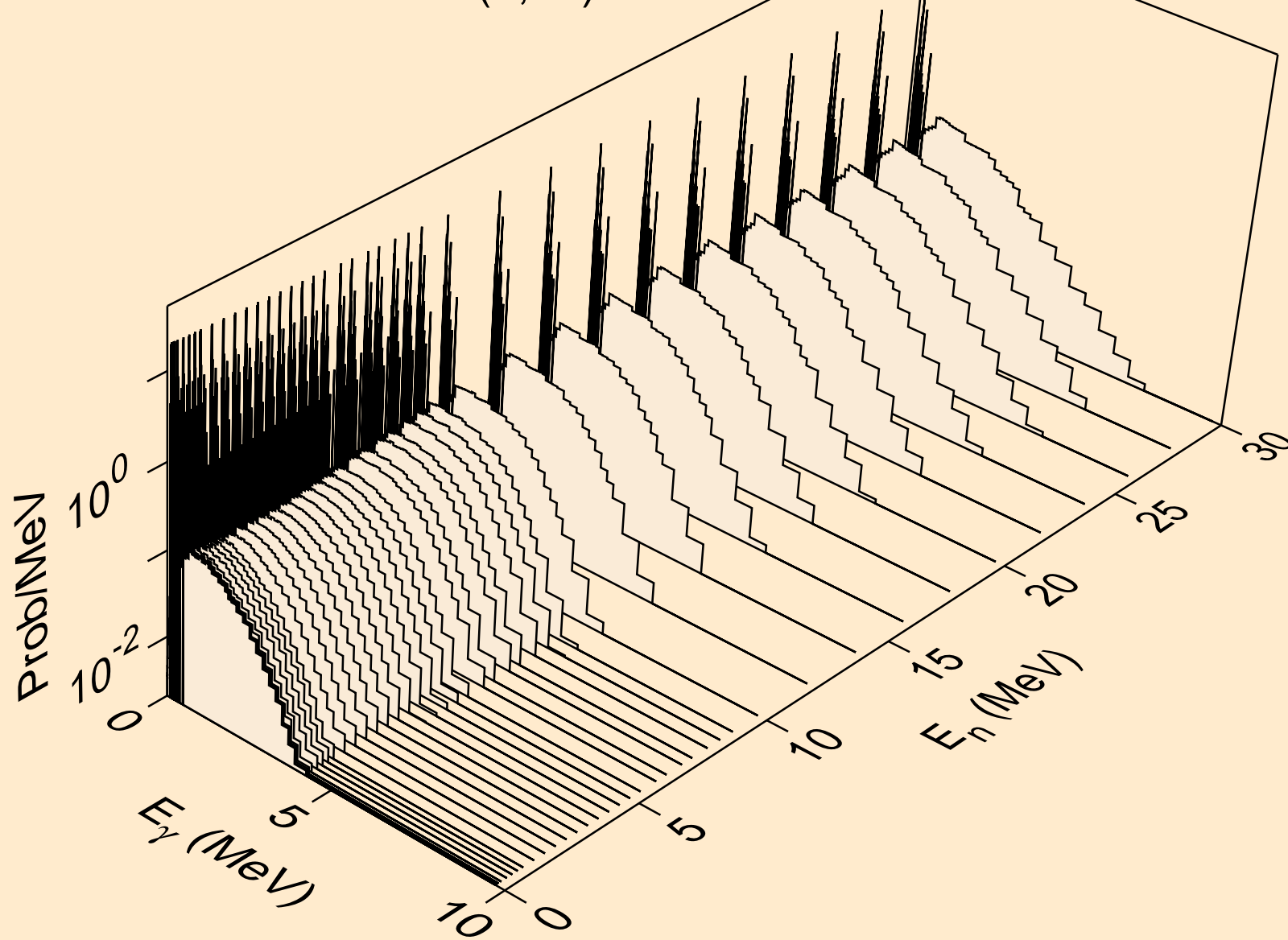


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

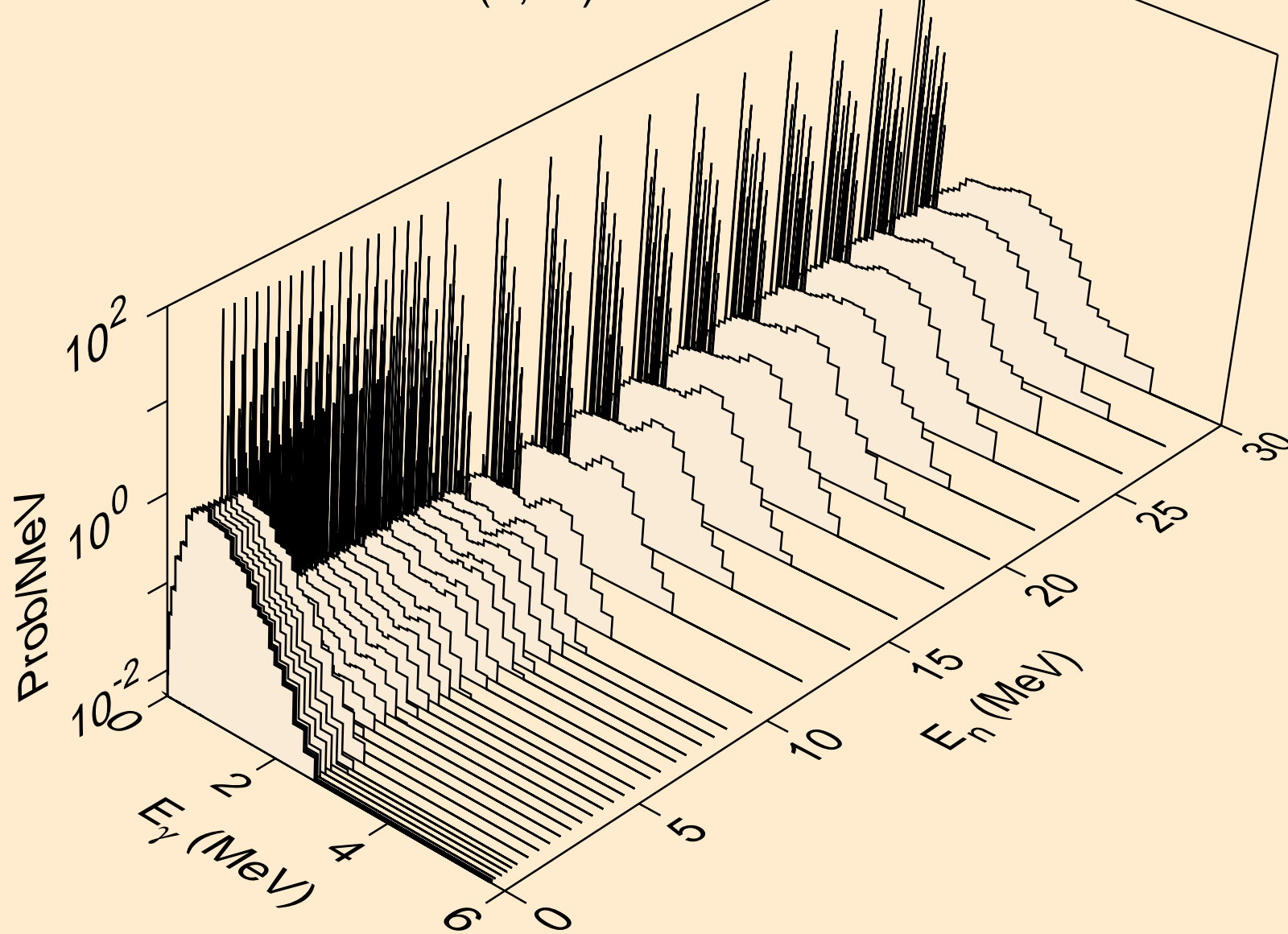




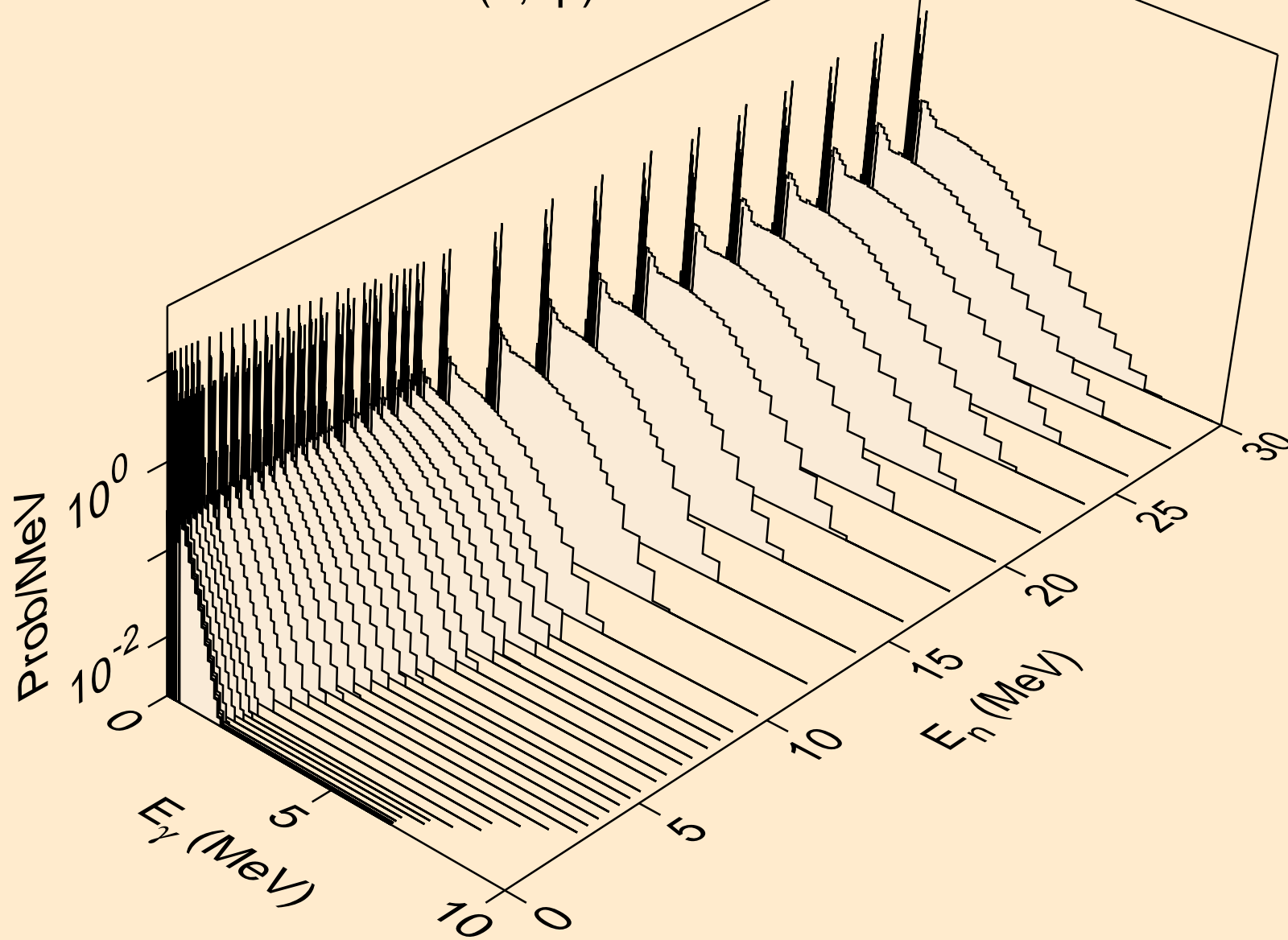
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Photon emission for (n,2a)



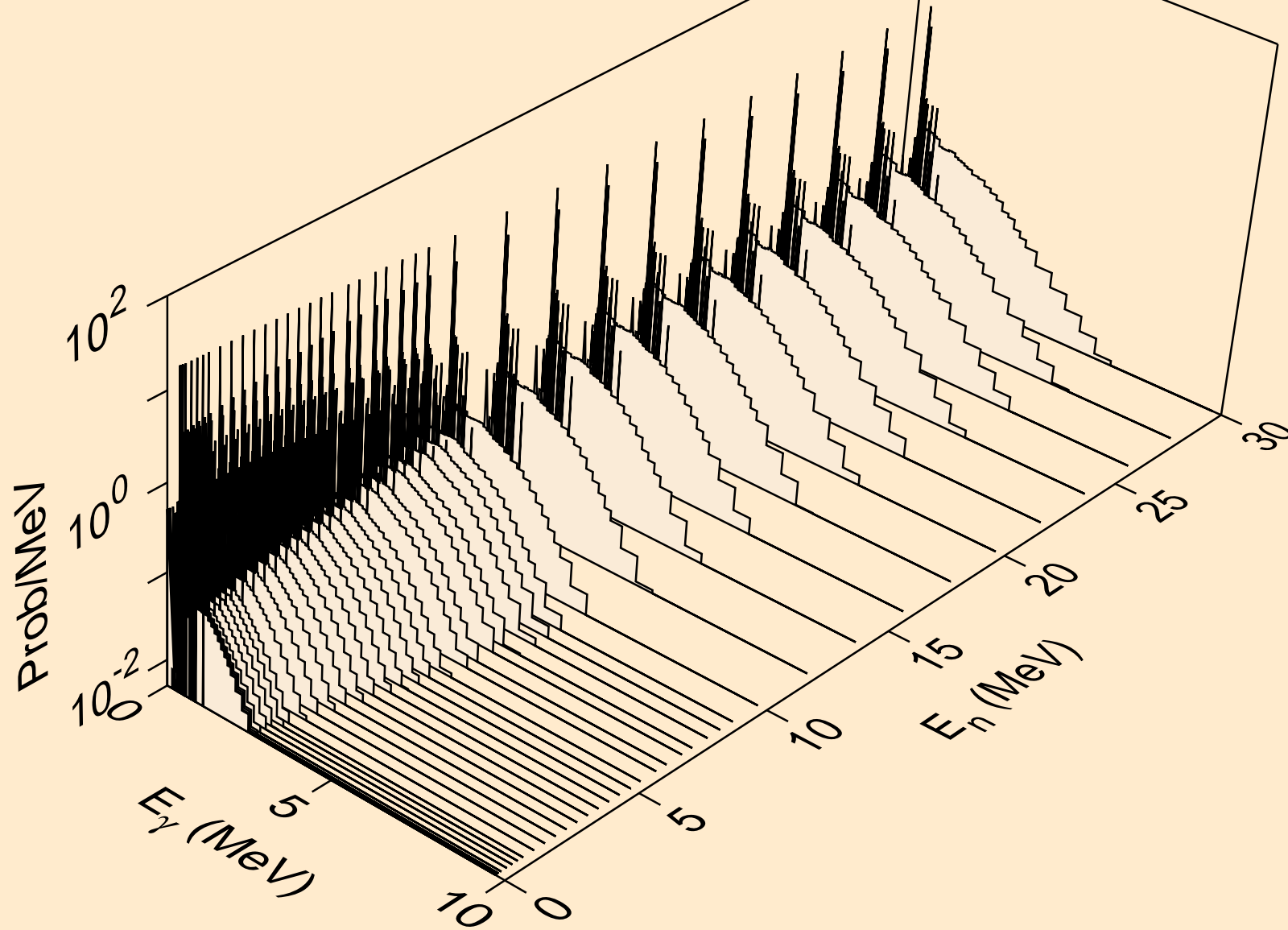
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



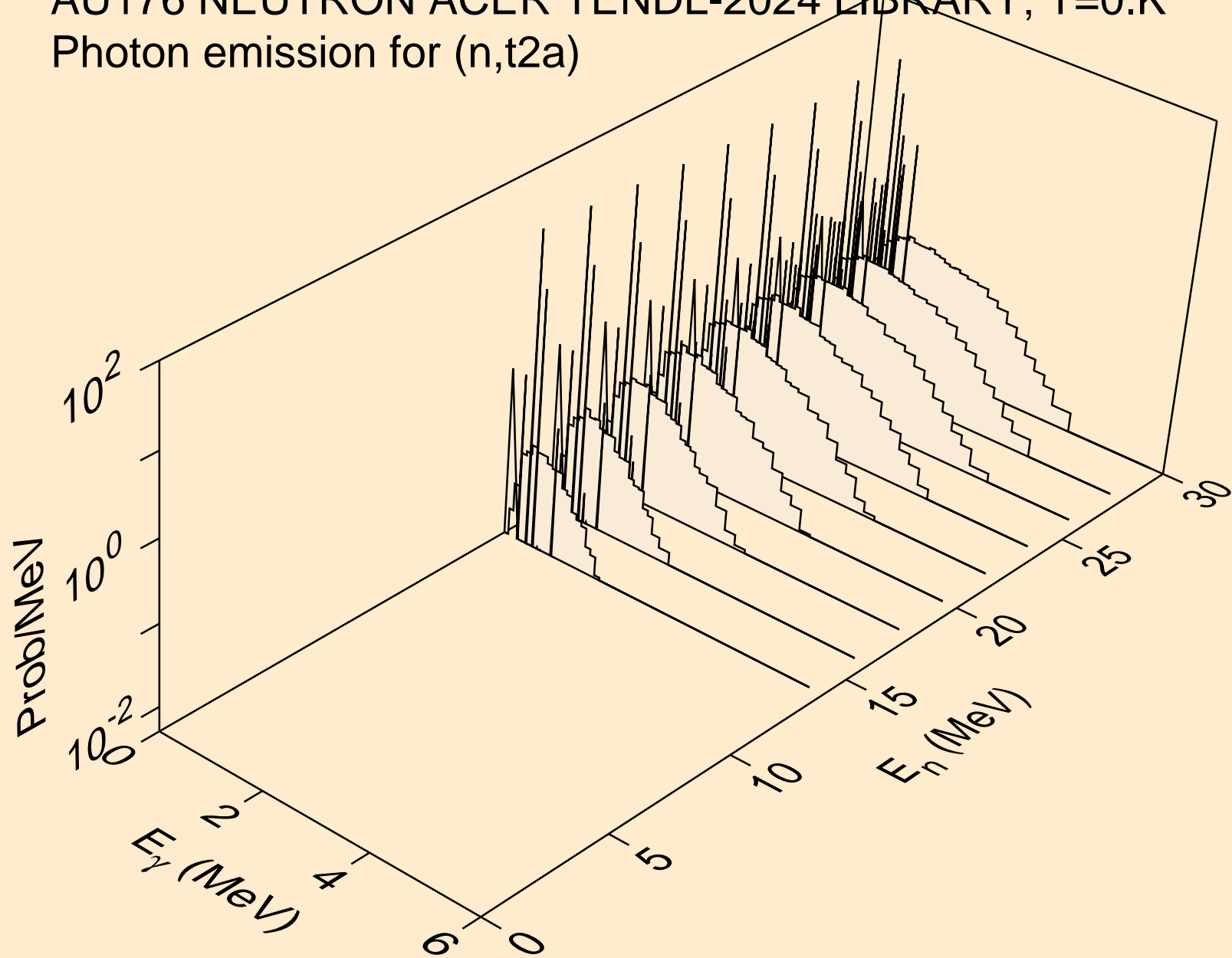
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



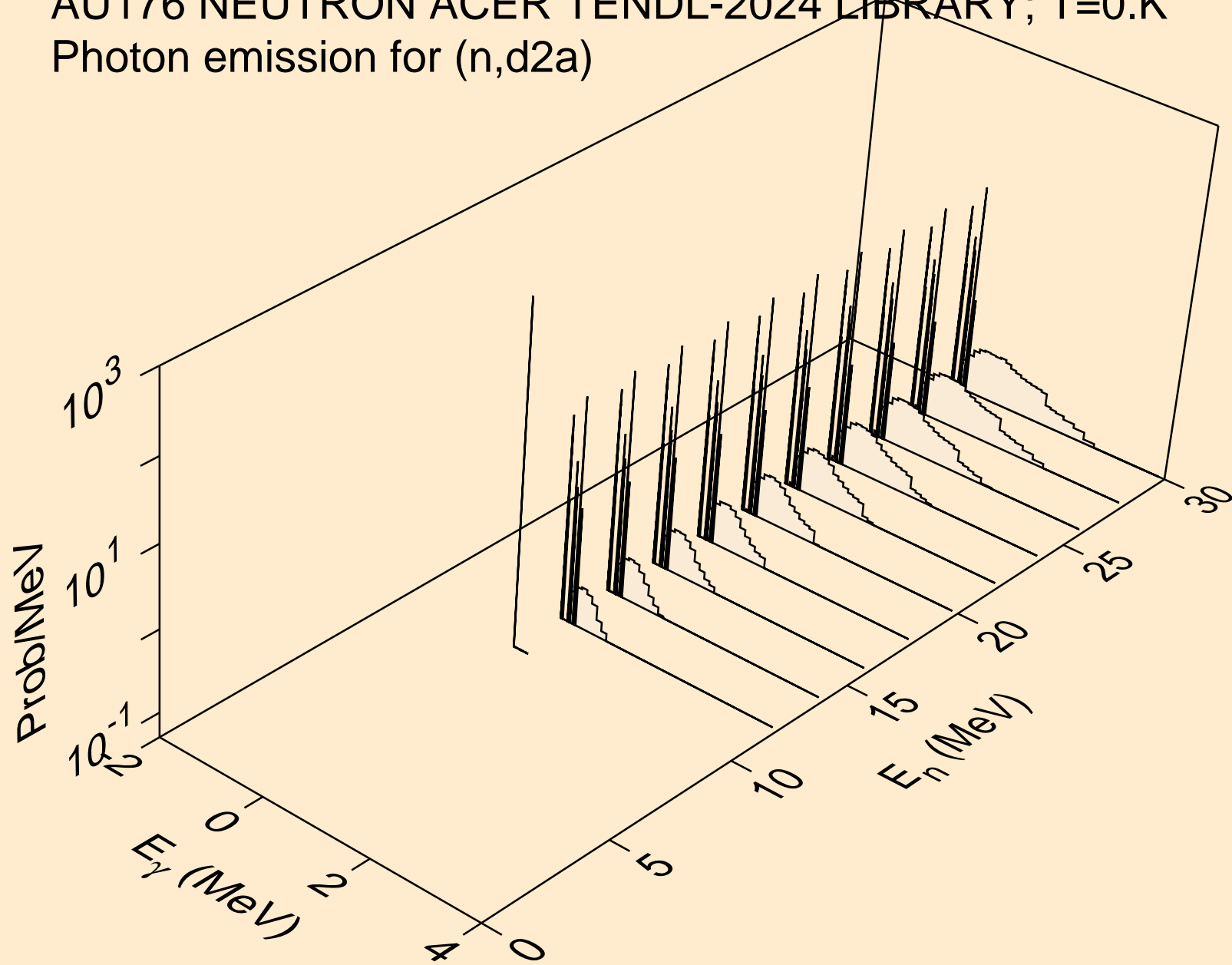
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



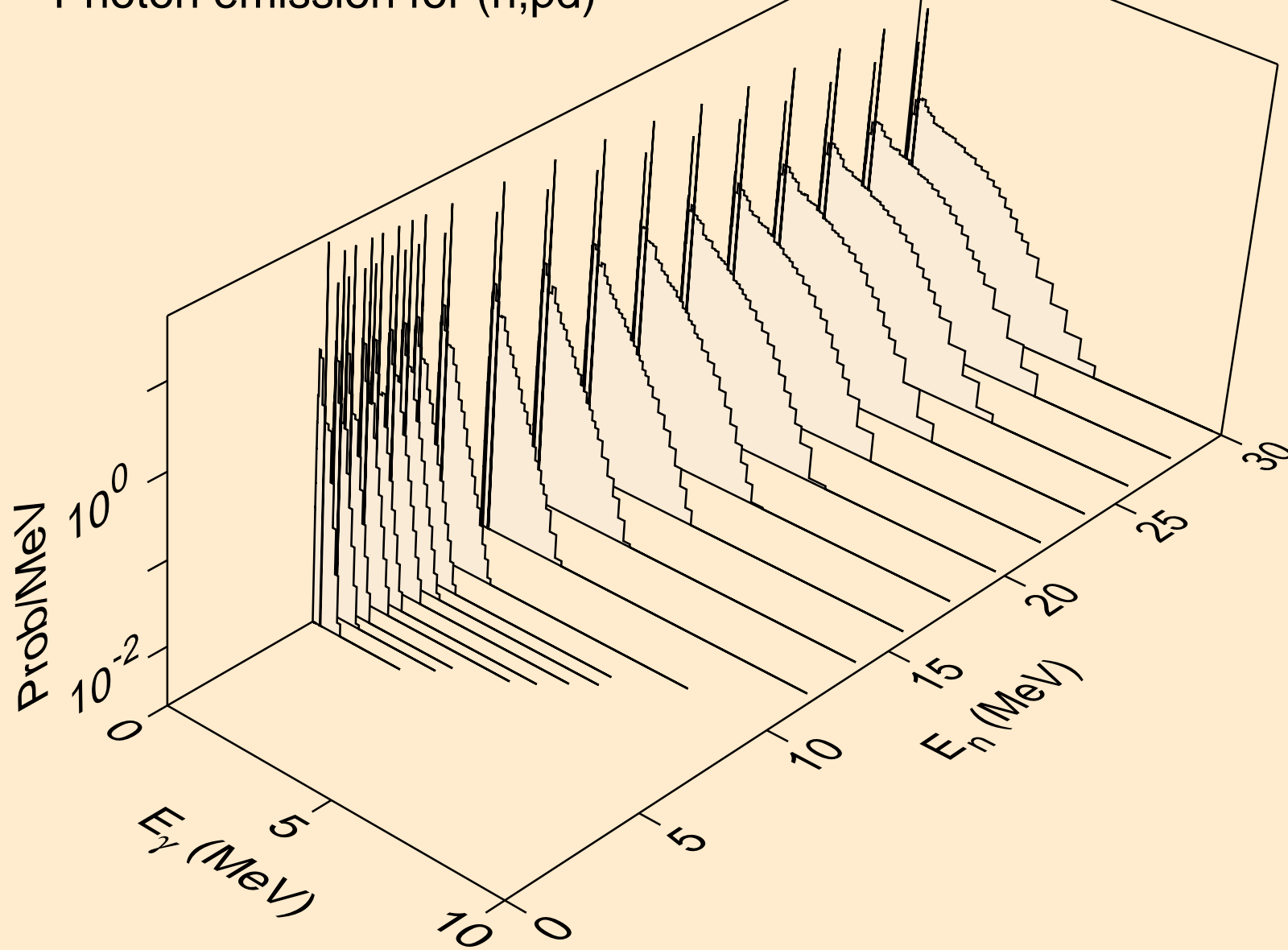
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Photon emission for (n,t2a)



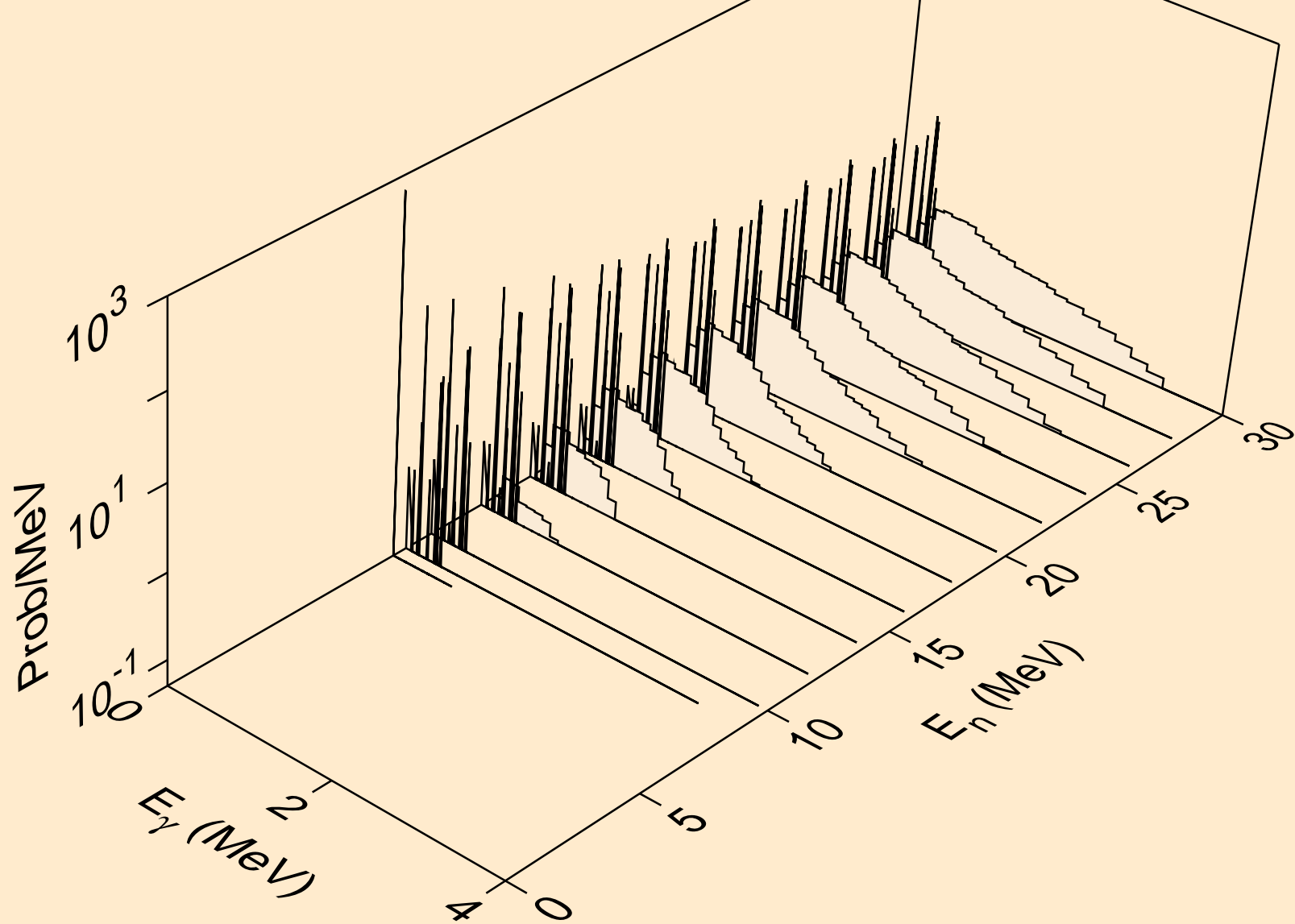
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

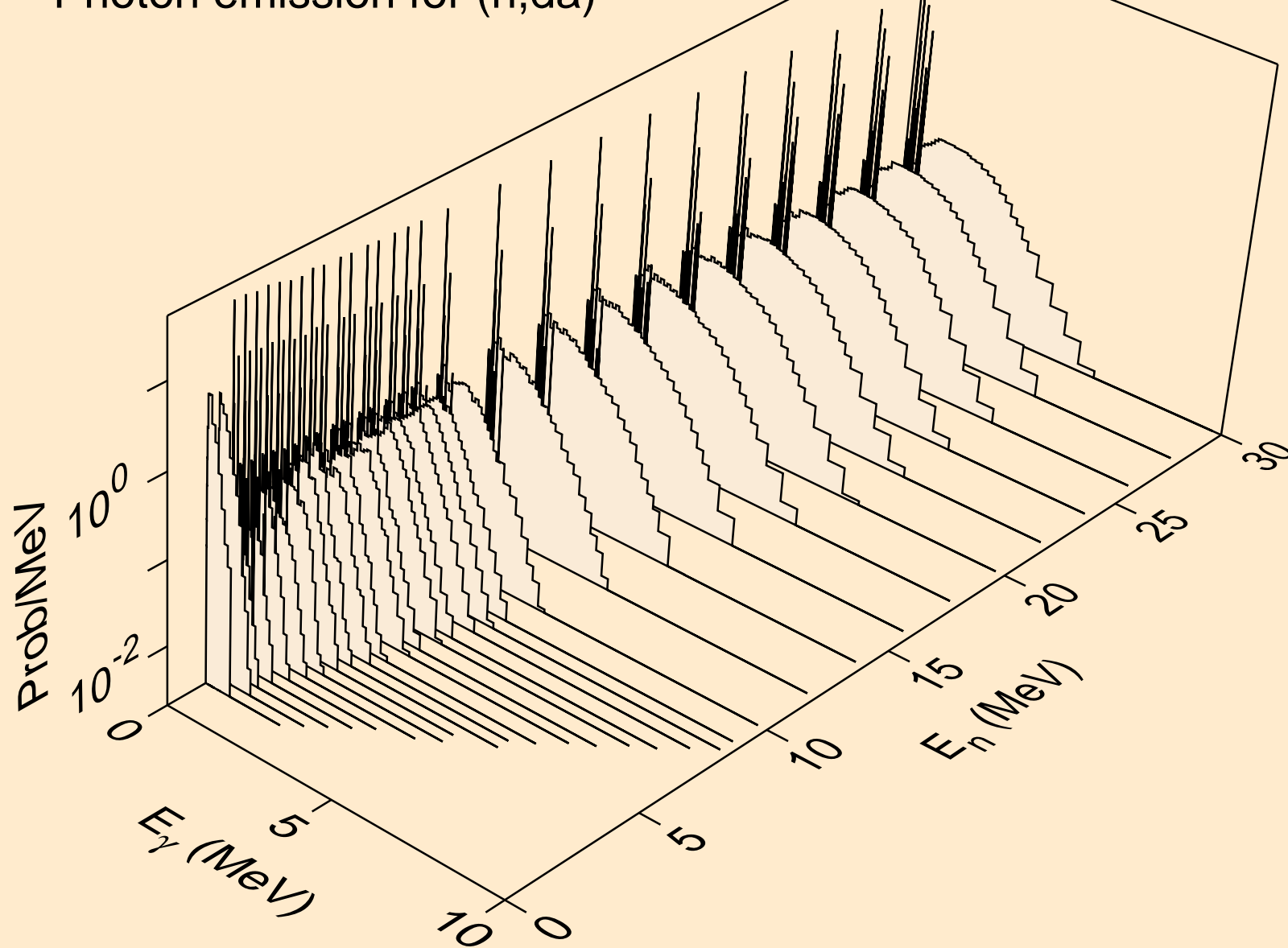


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

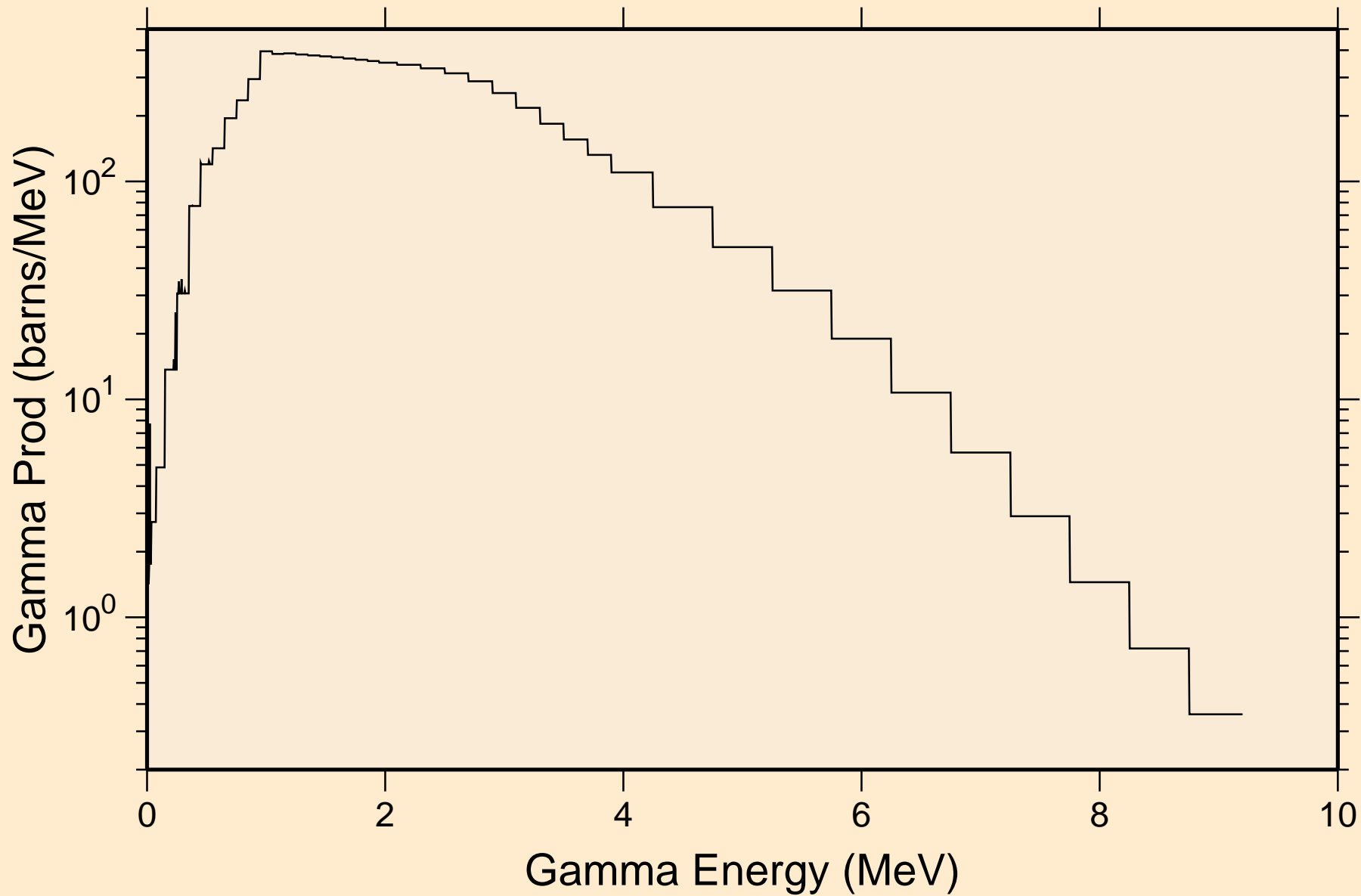




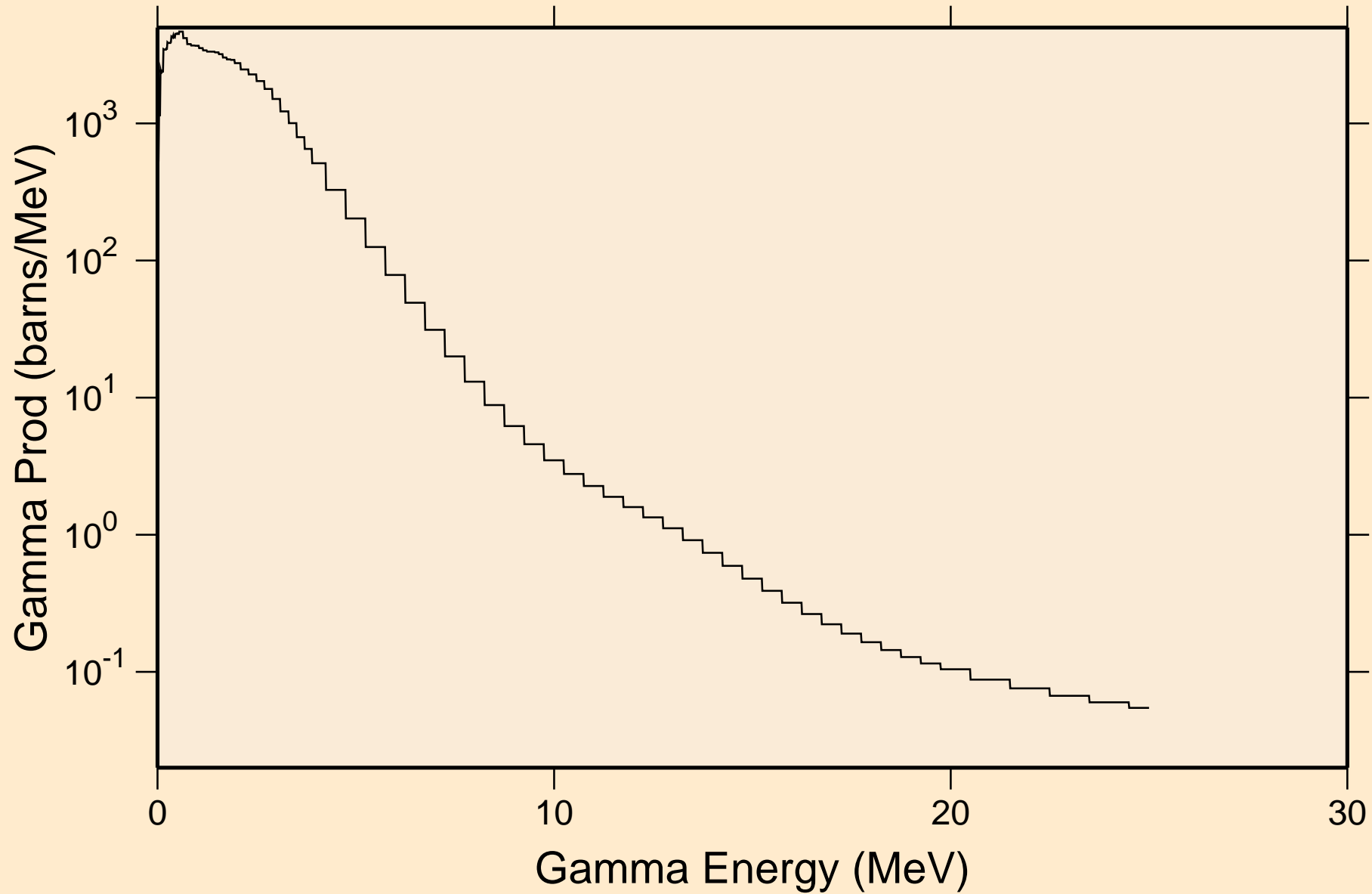
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

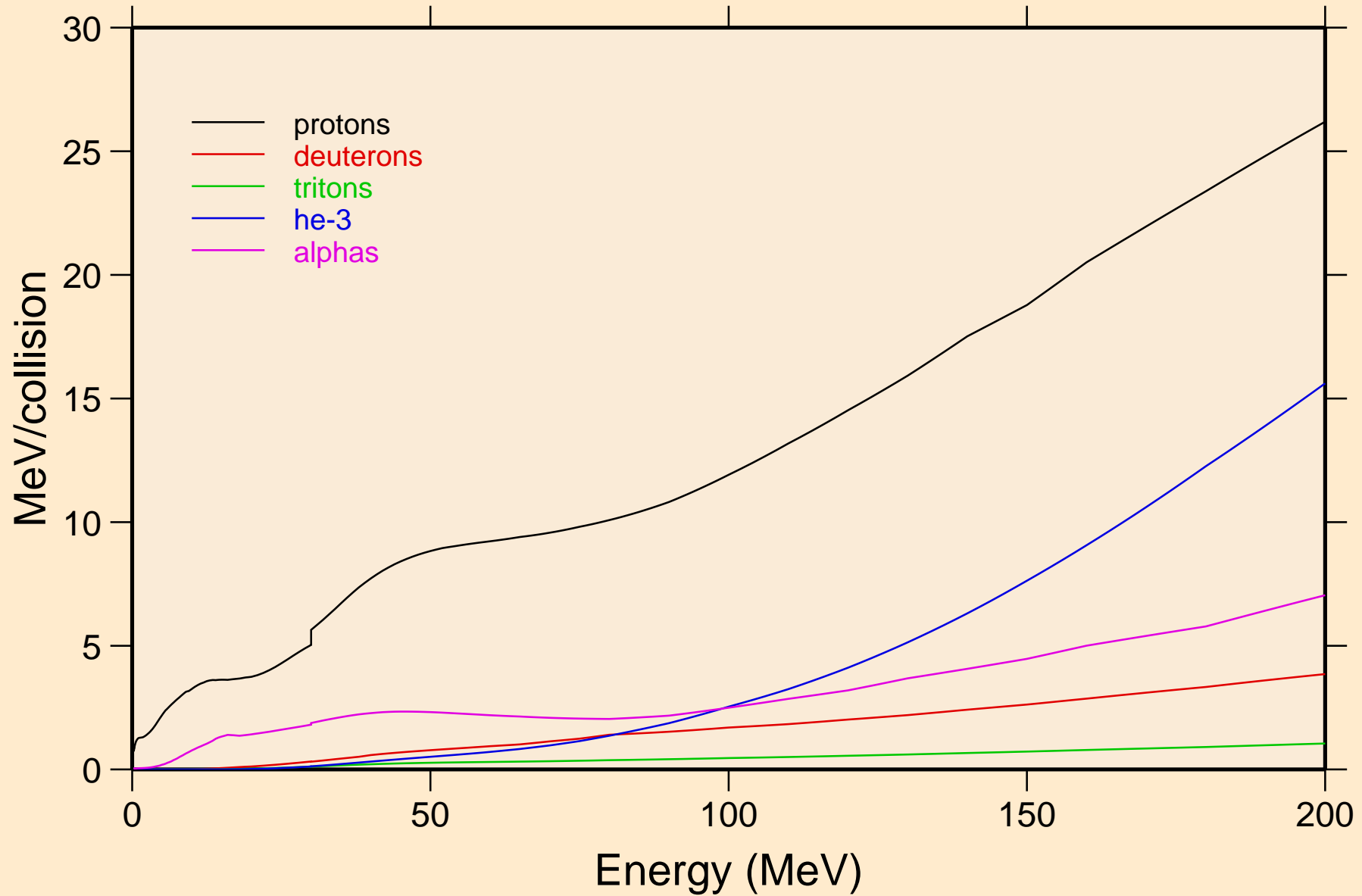


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

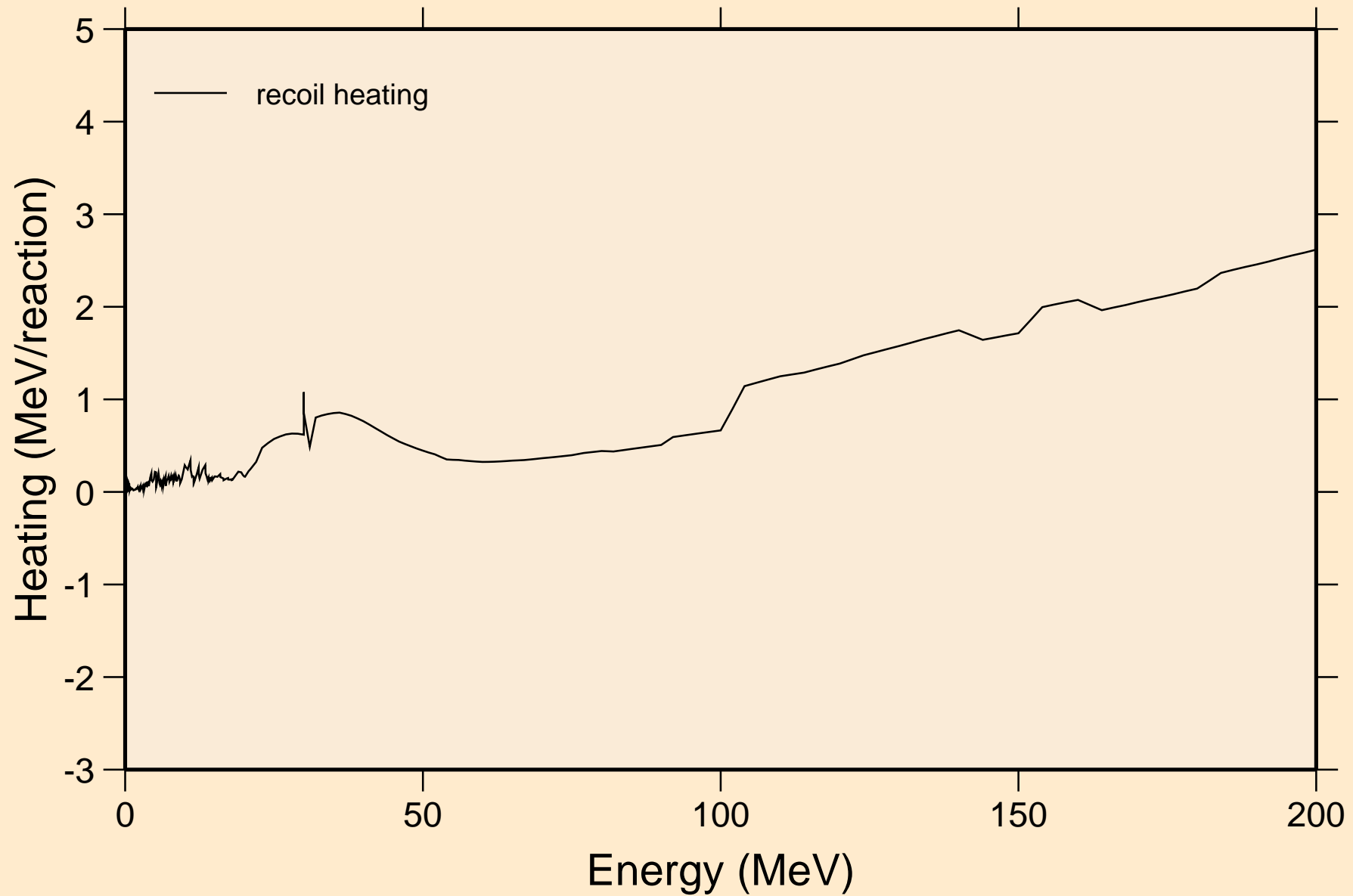


# AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

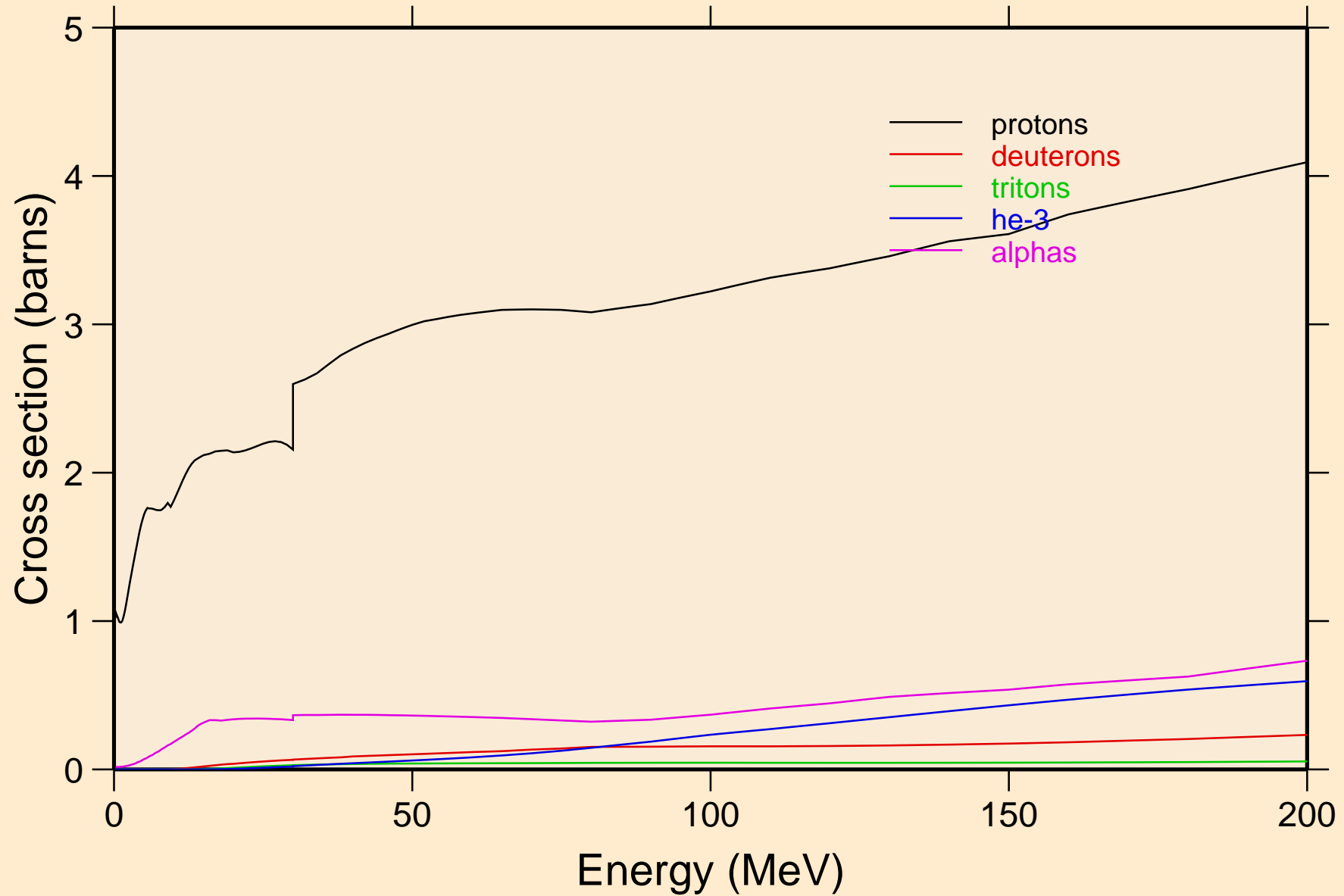
## Particle heating contributions



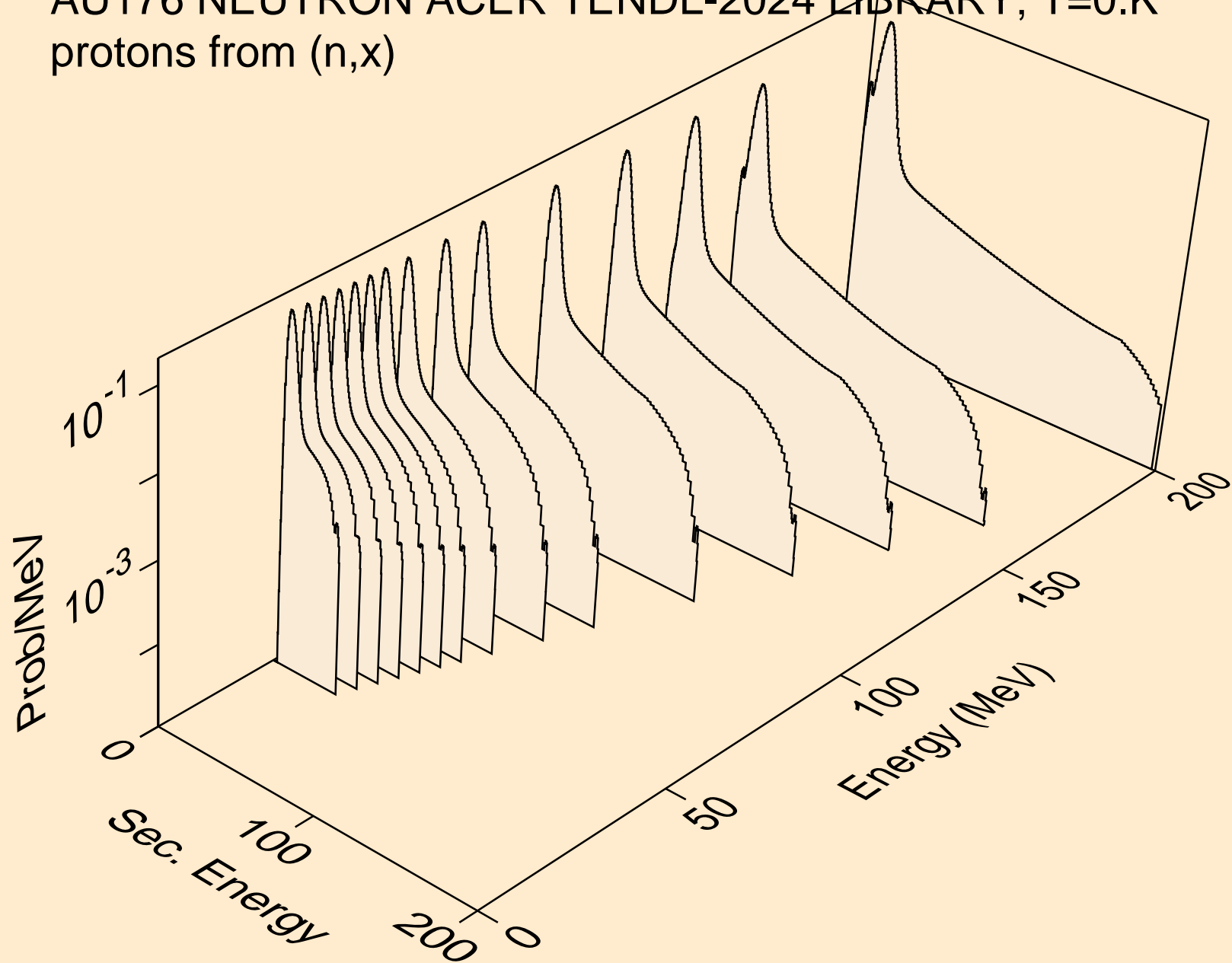
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



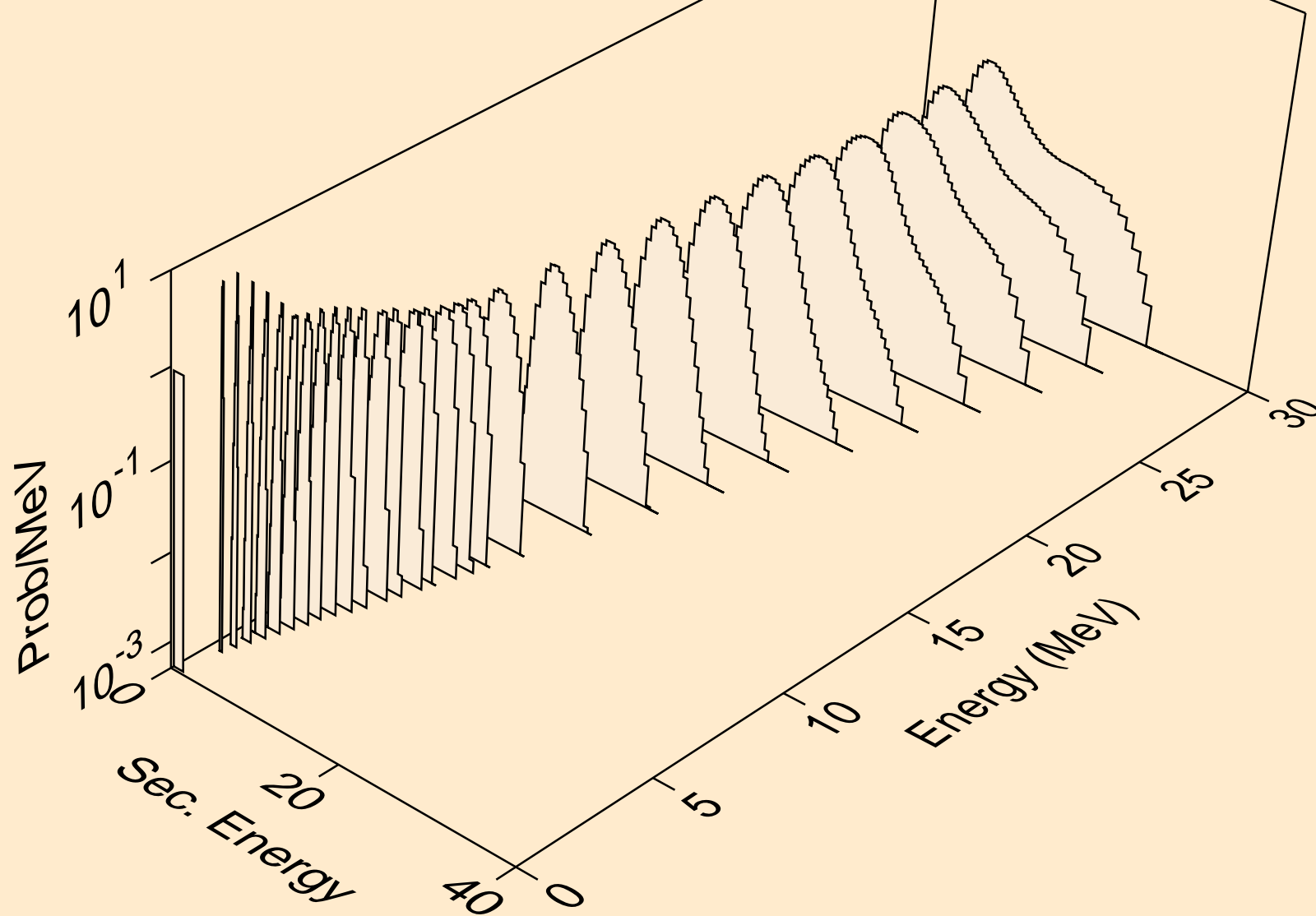
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

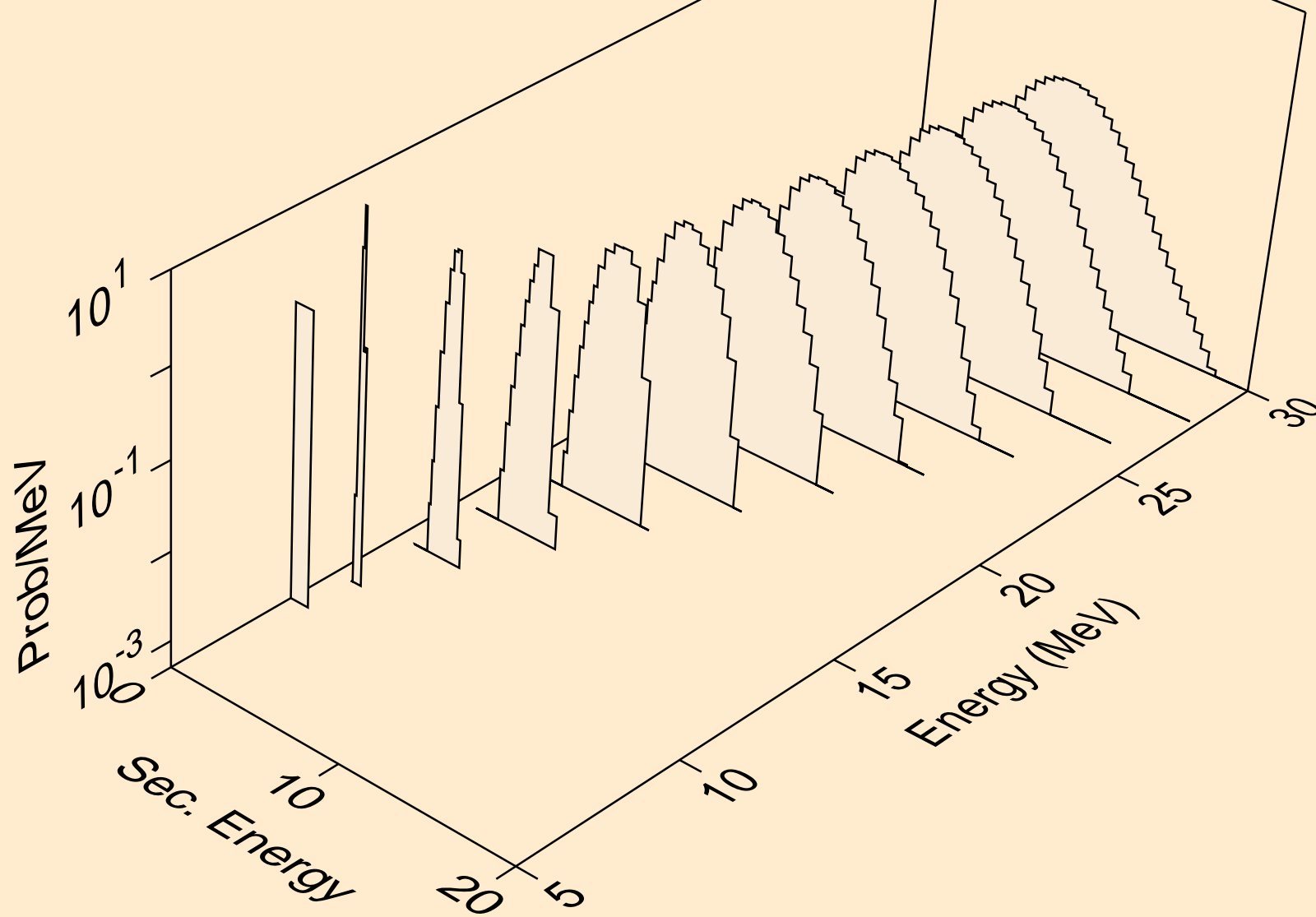


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

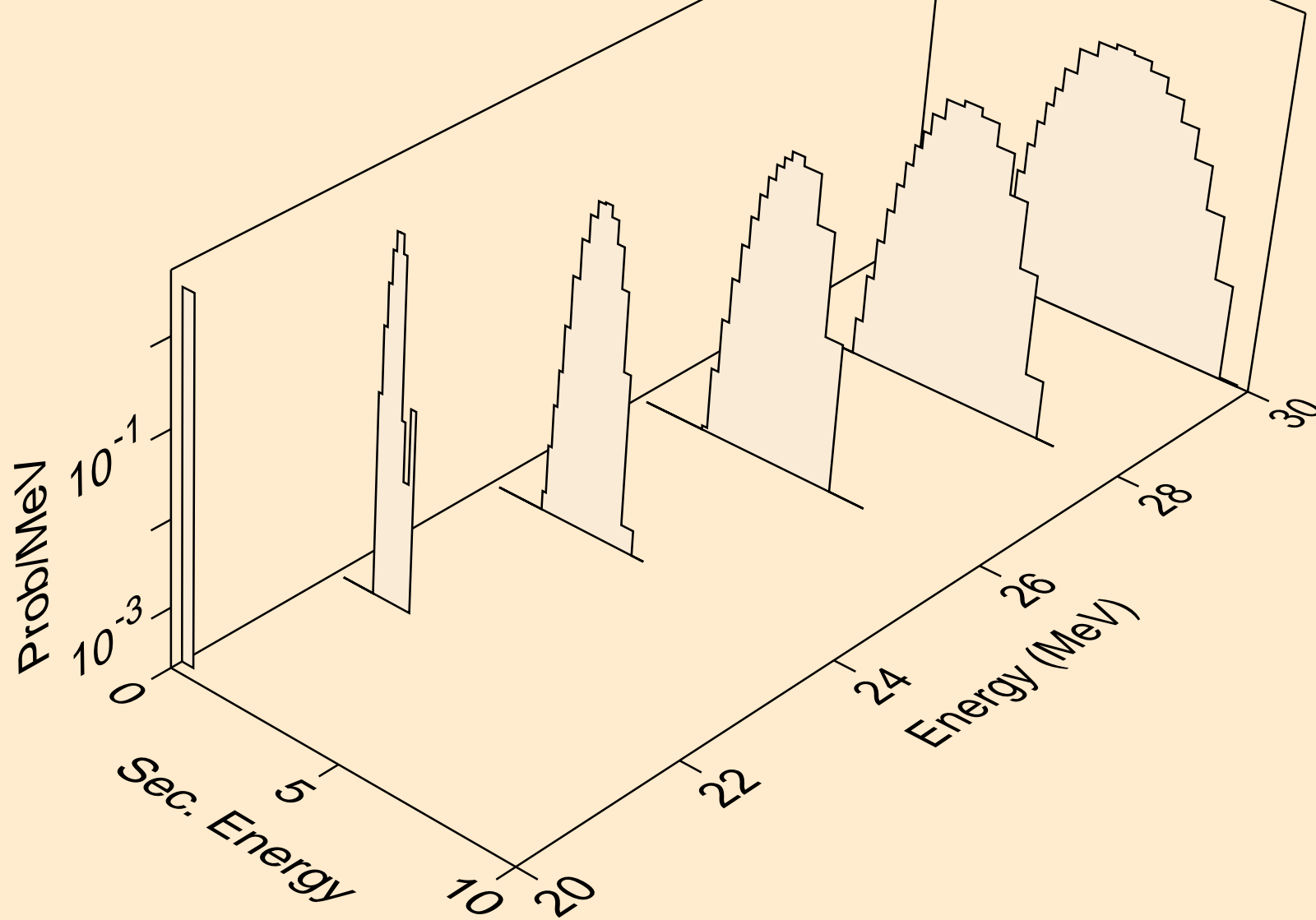




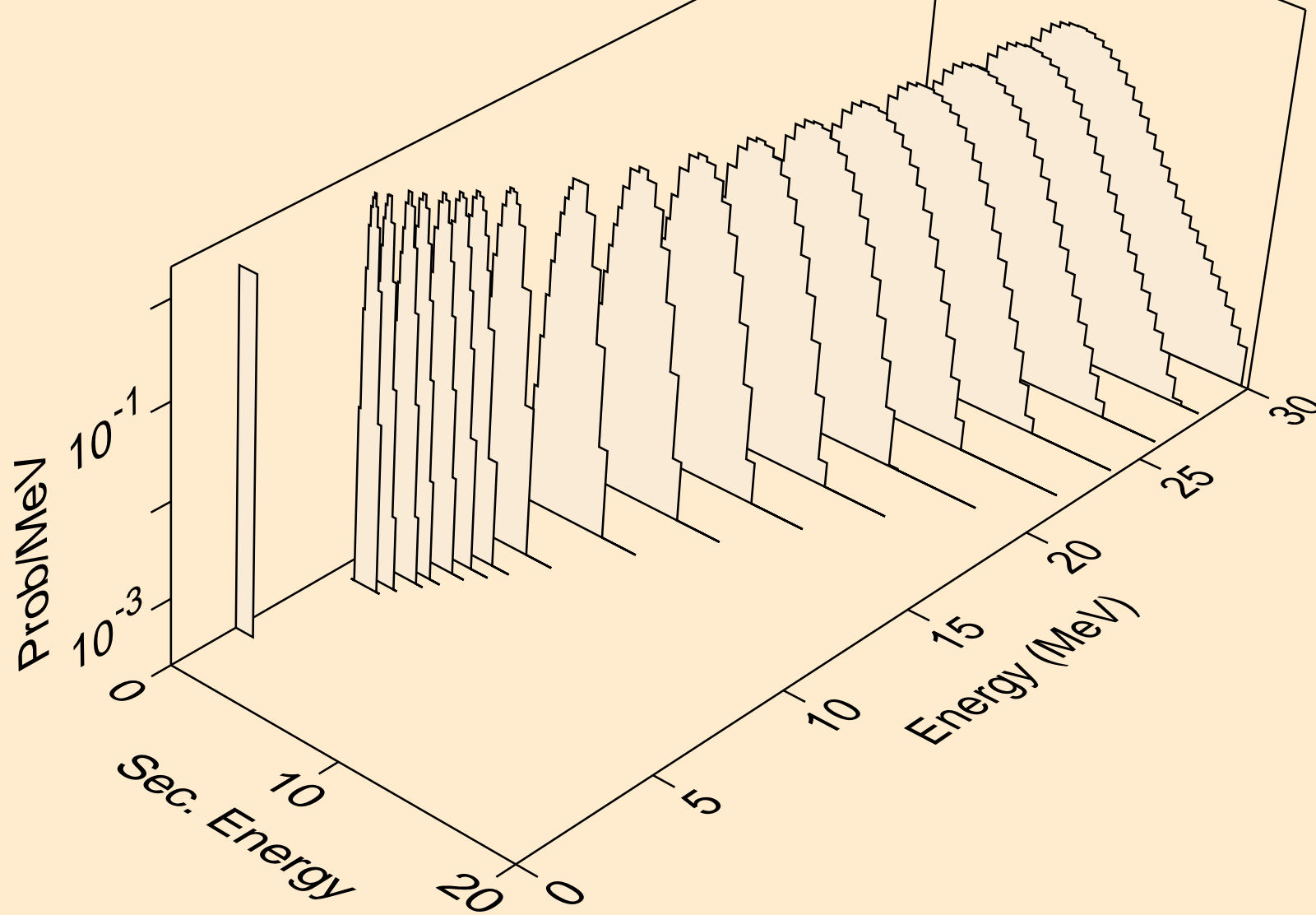
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protons from (n,2np)



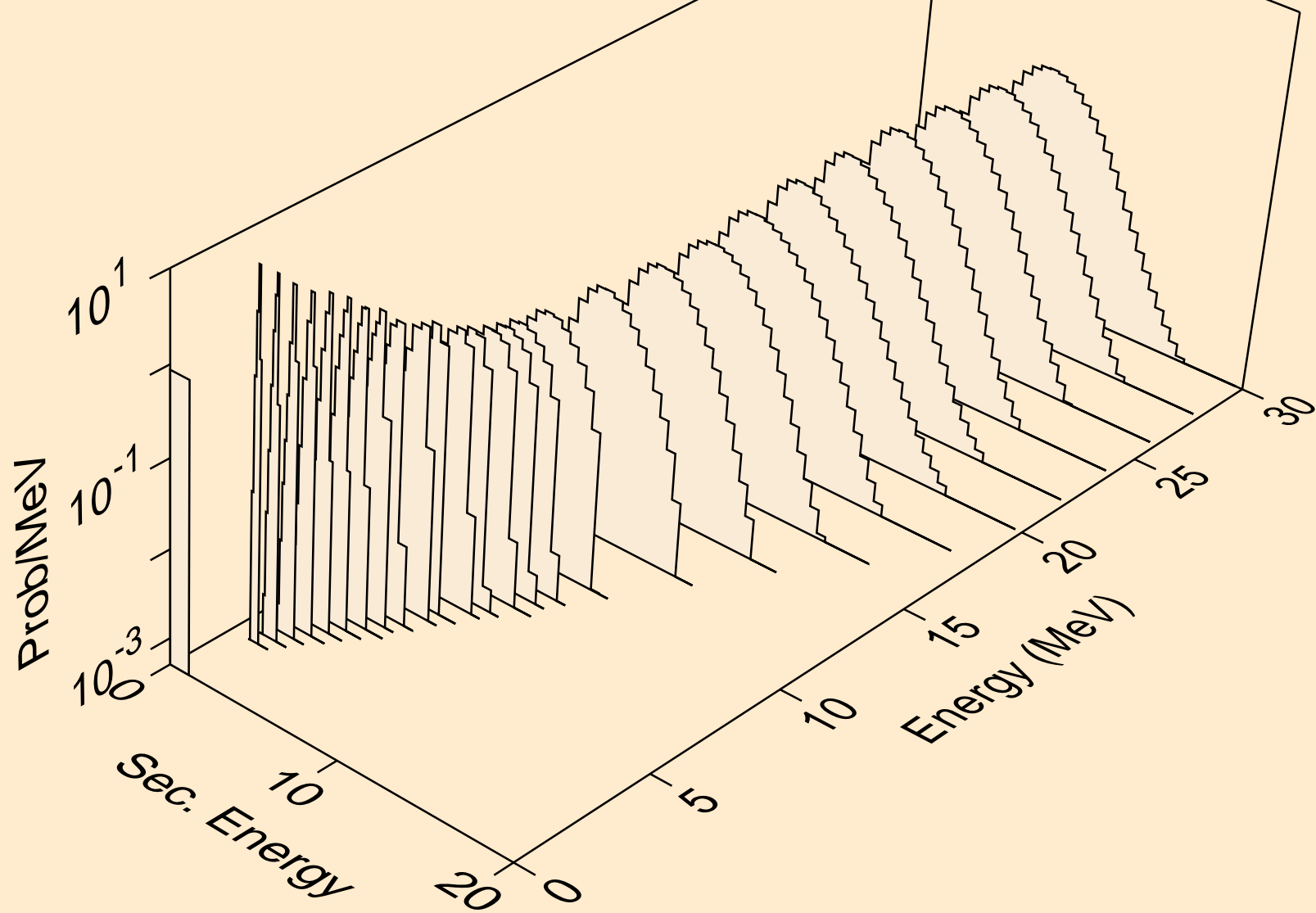
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protons from (n,3np)



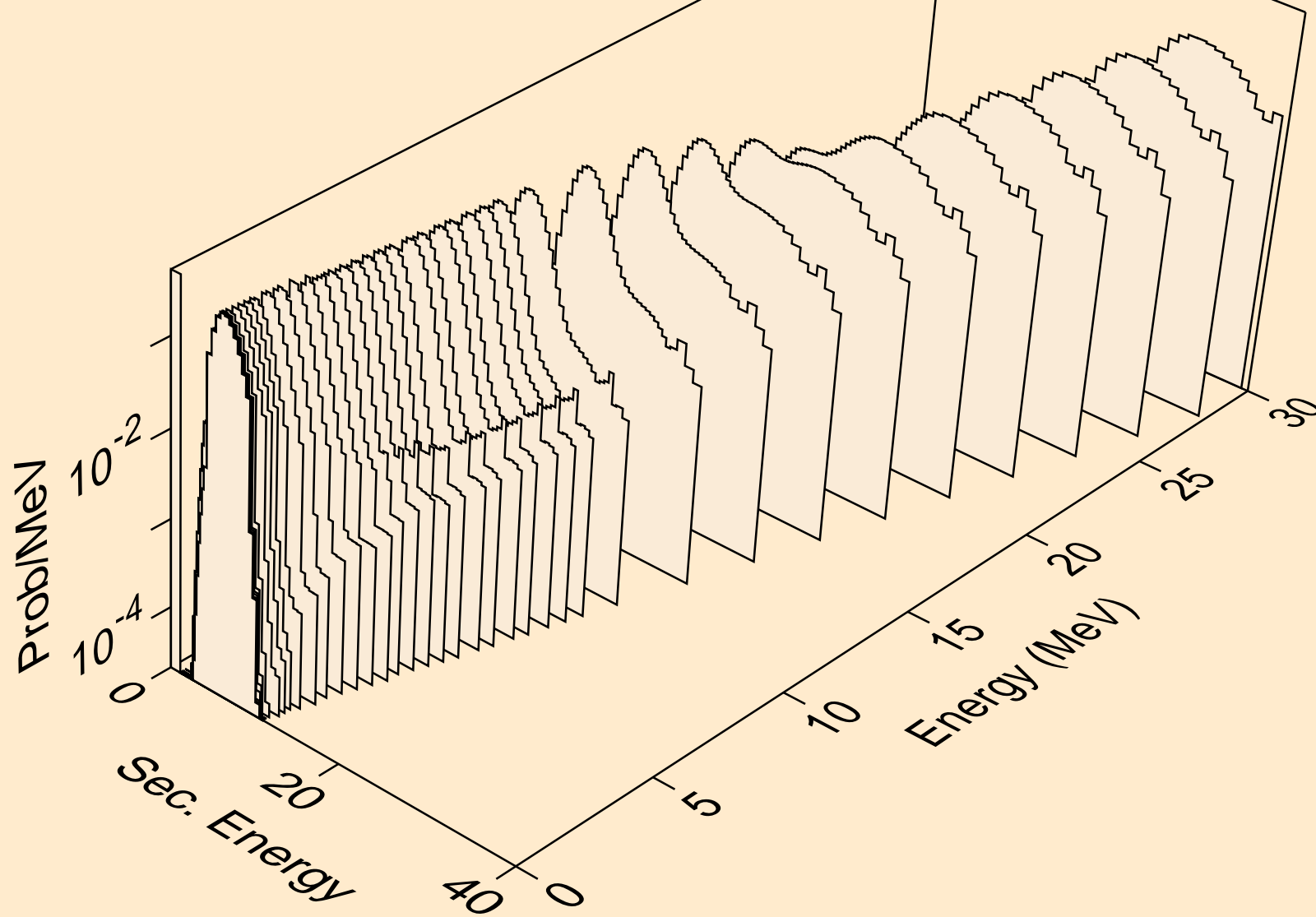
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protons from (n,n2p)



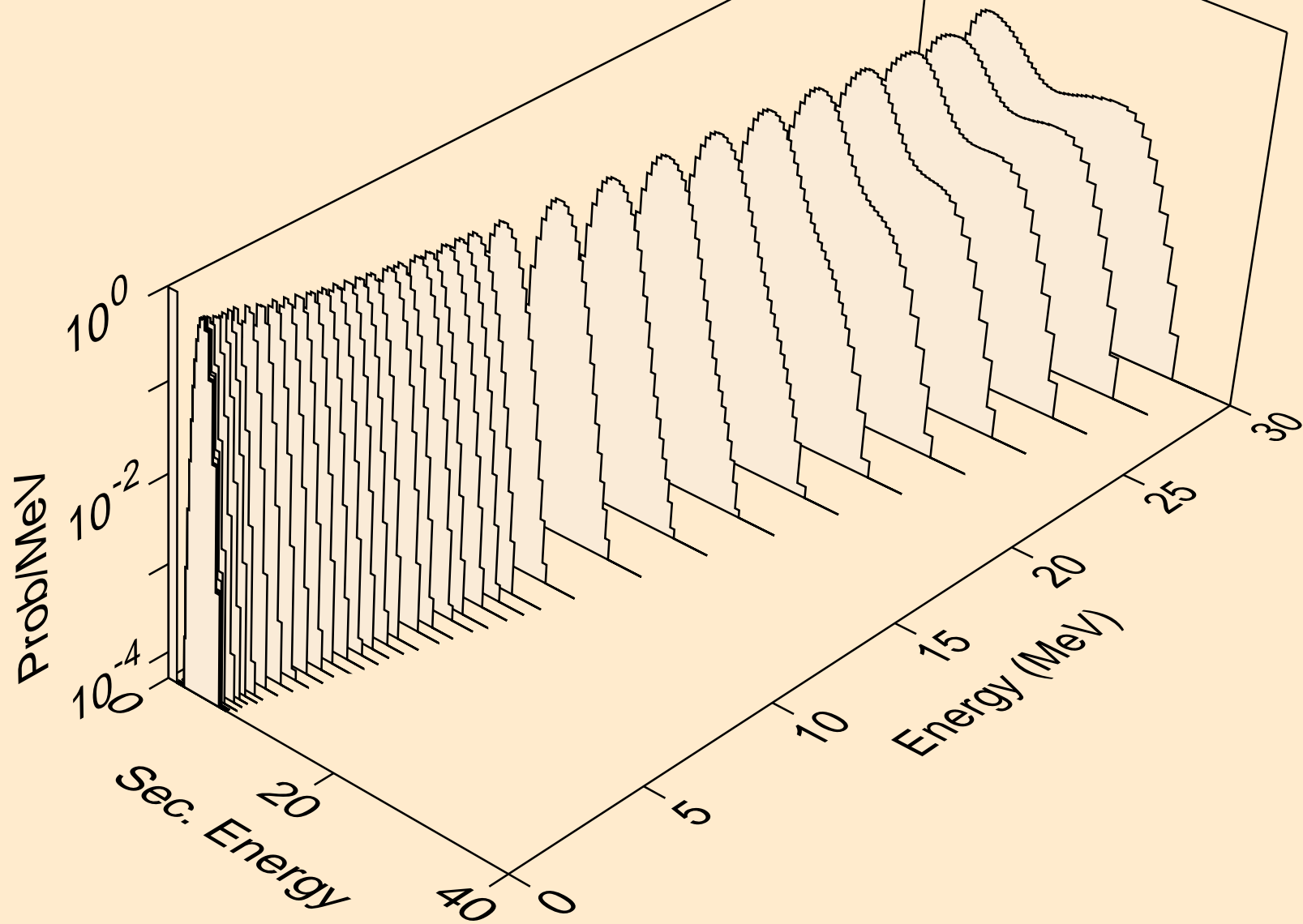
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protons from (n,npa)



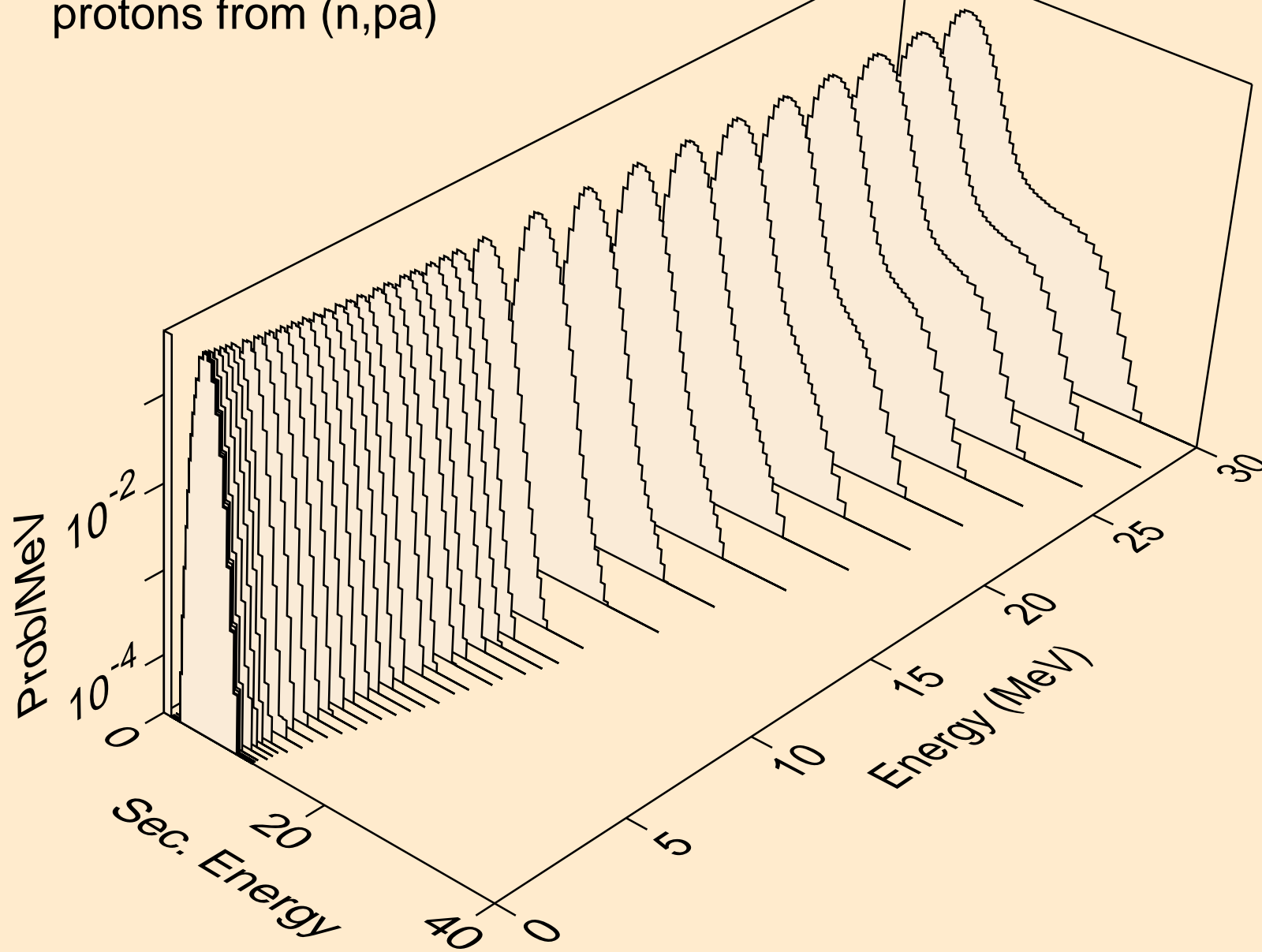
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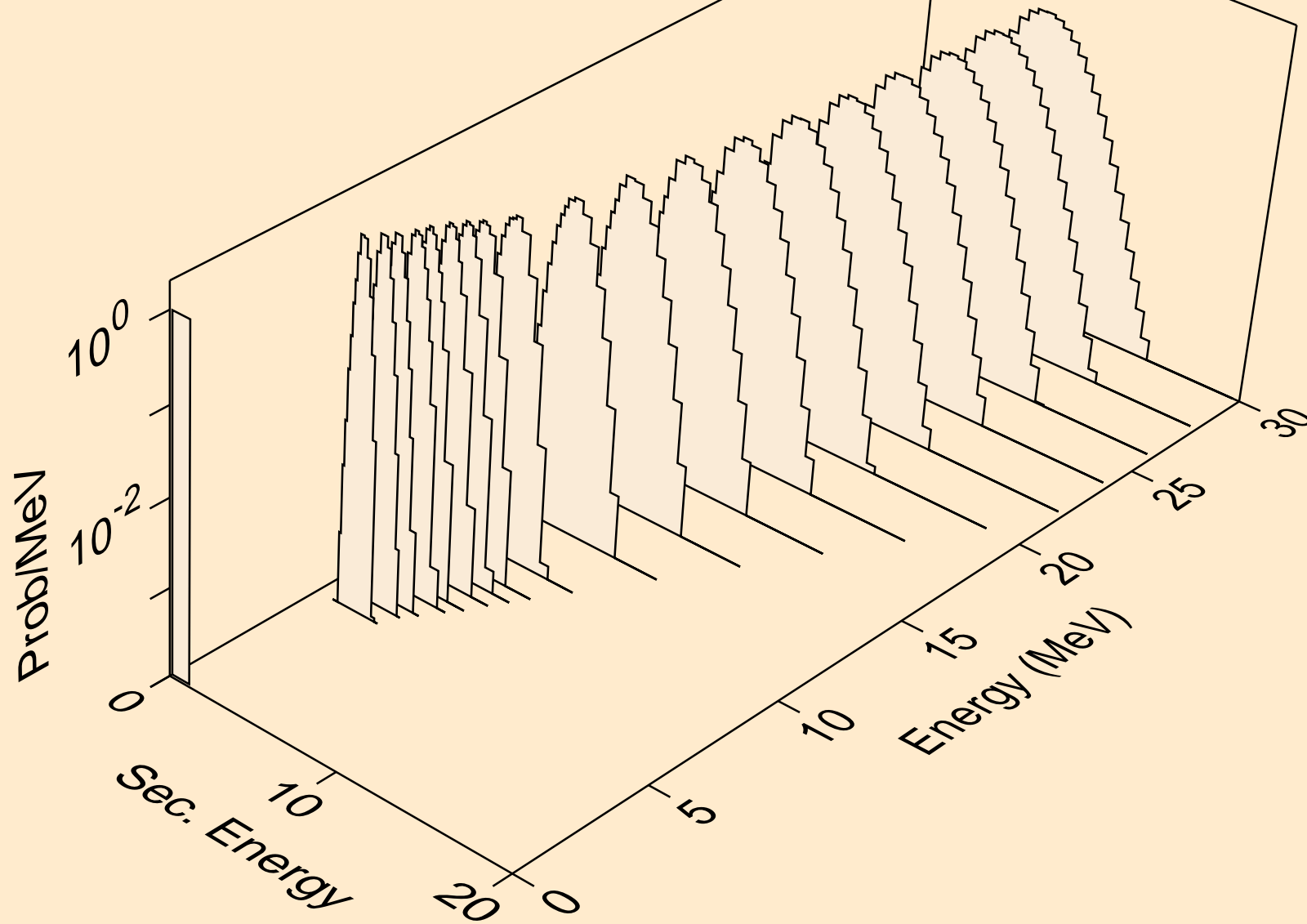
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protons from (n,2p)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

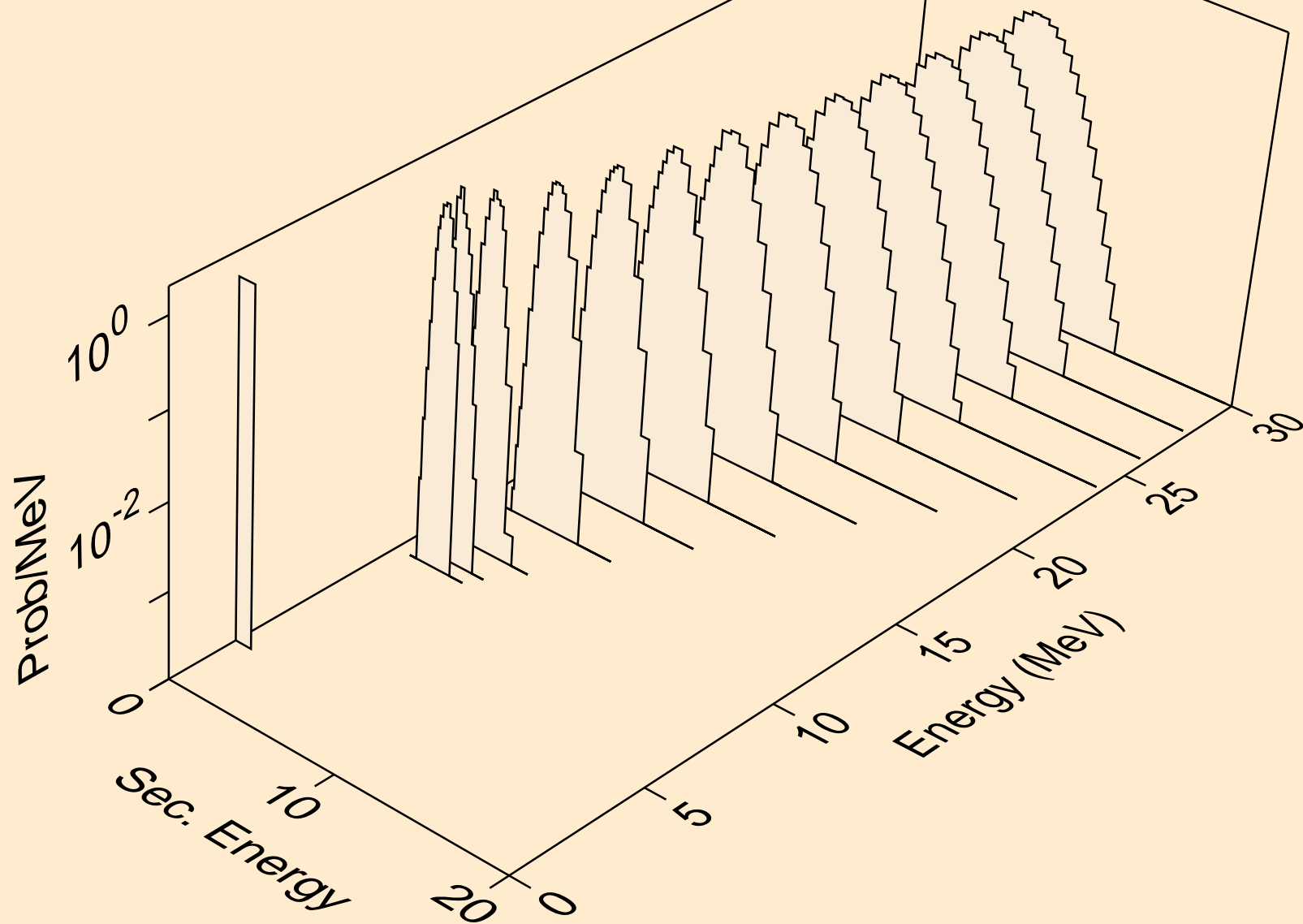


AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

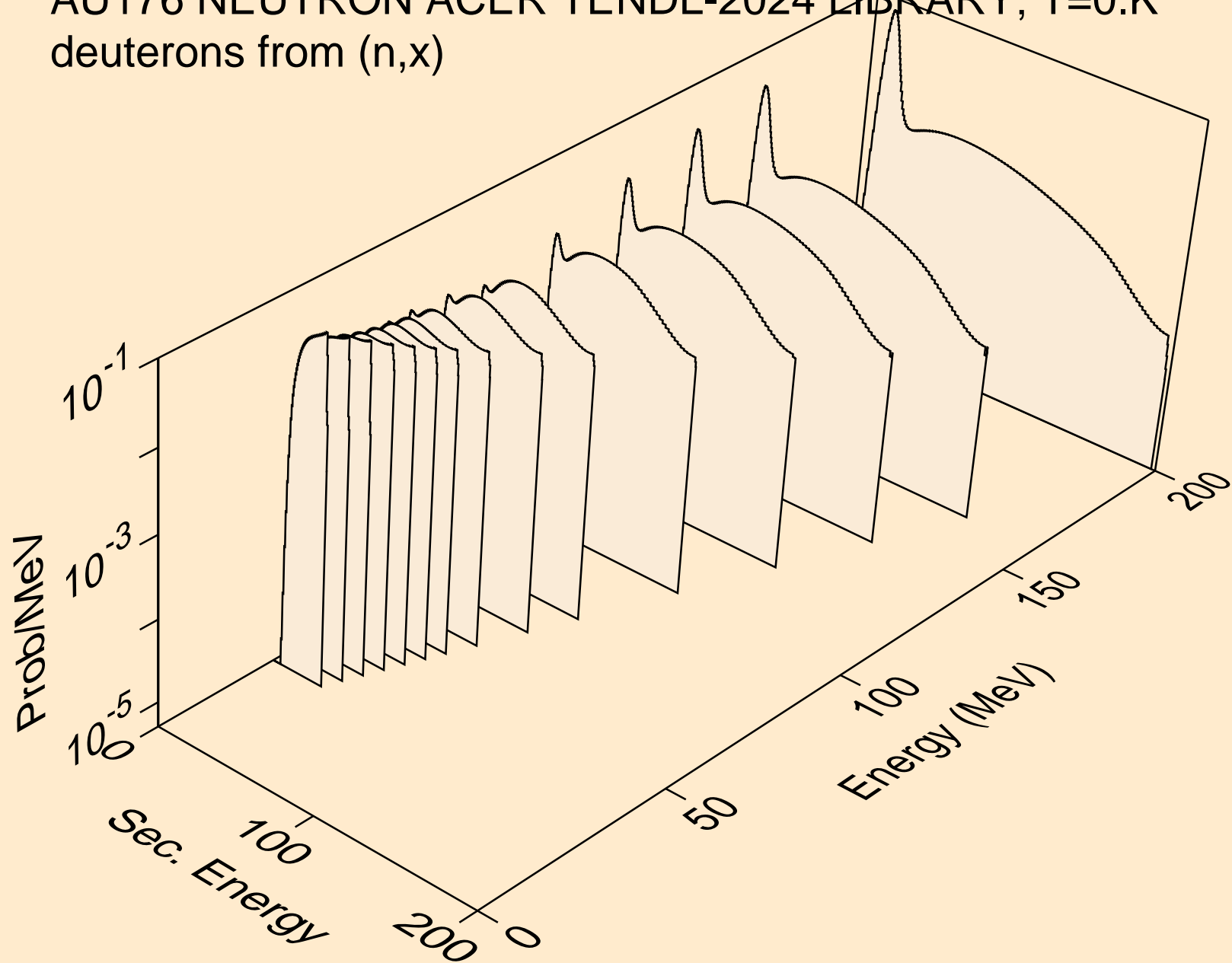




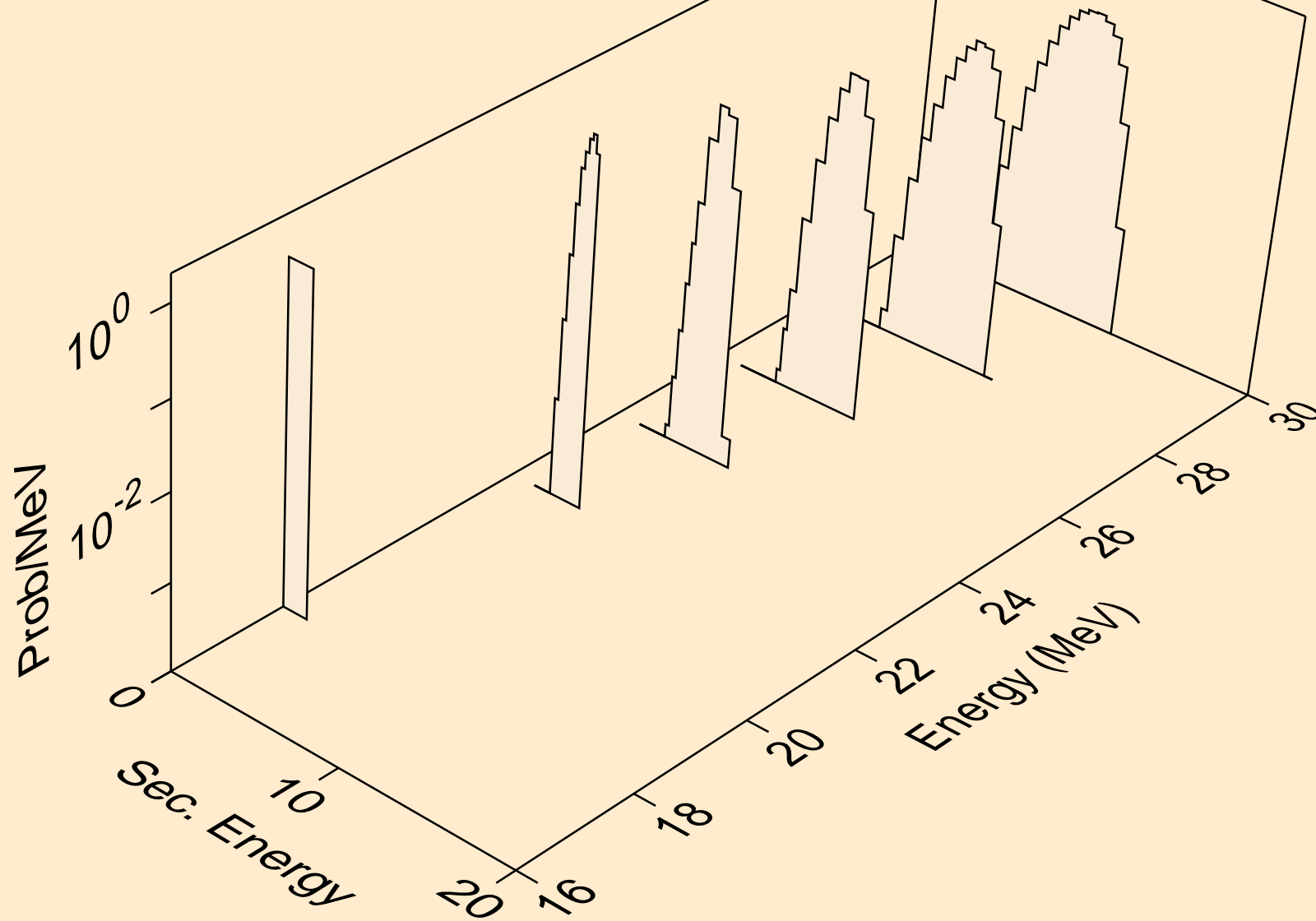
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protons from (n,pt)



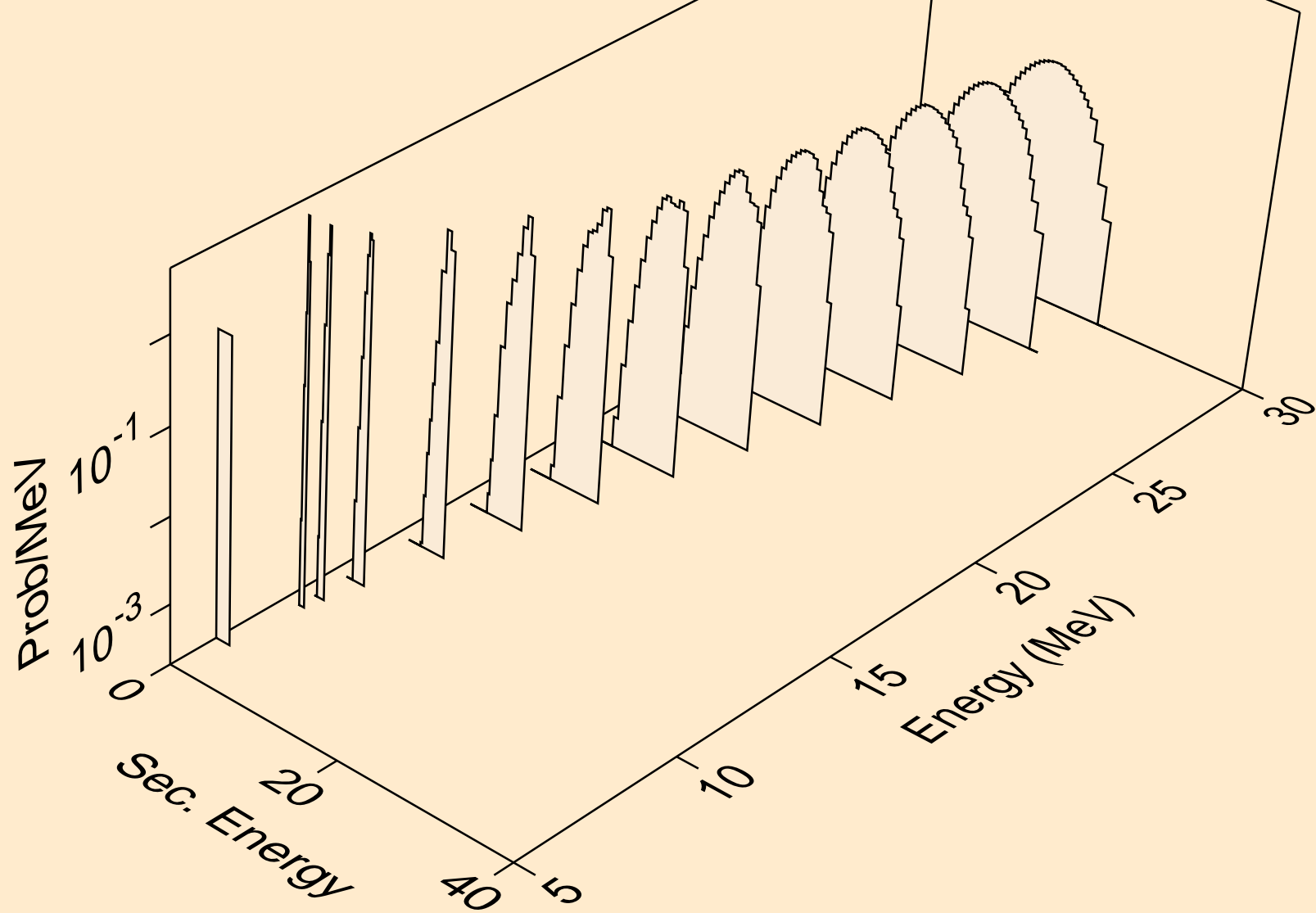
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



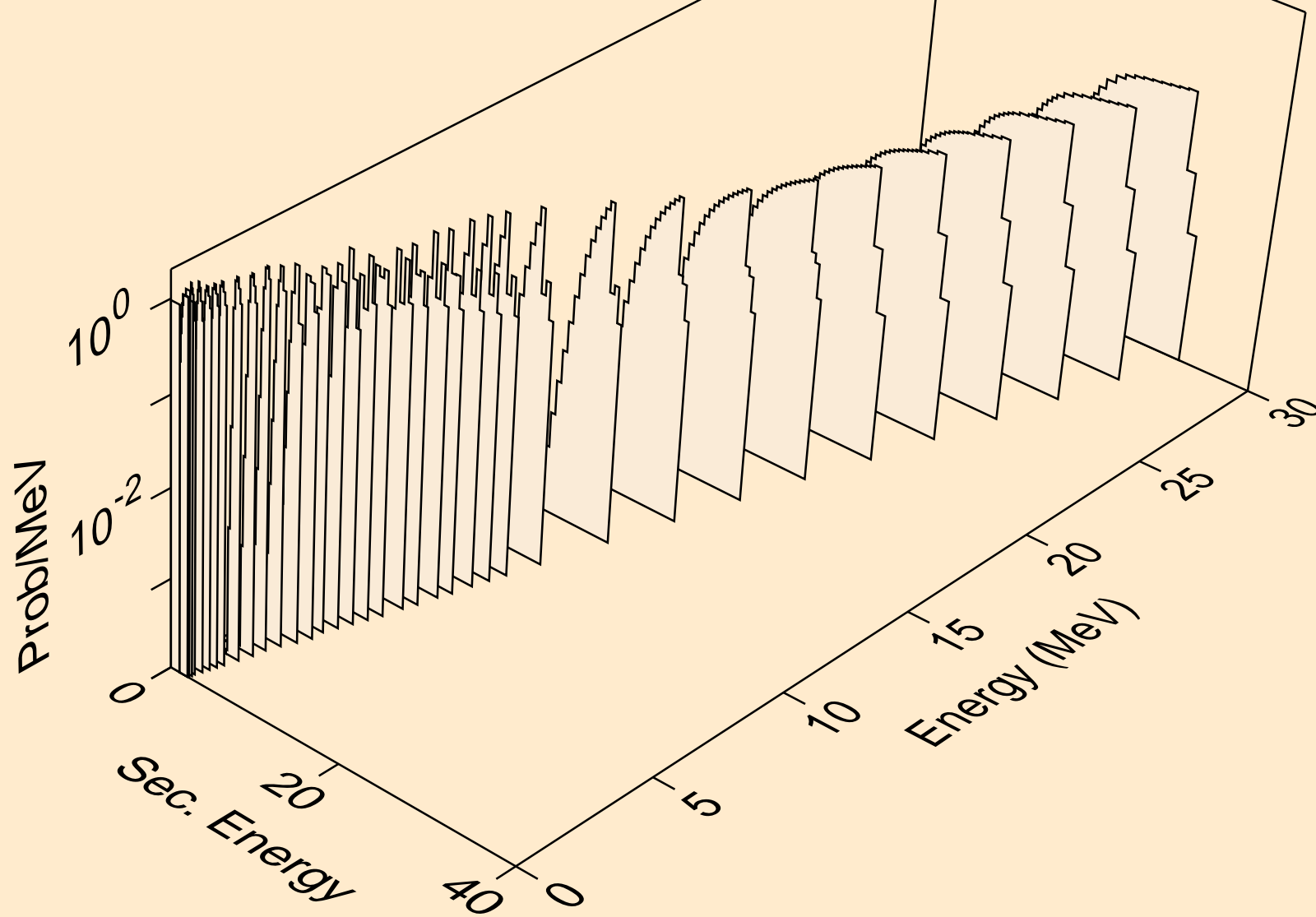
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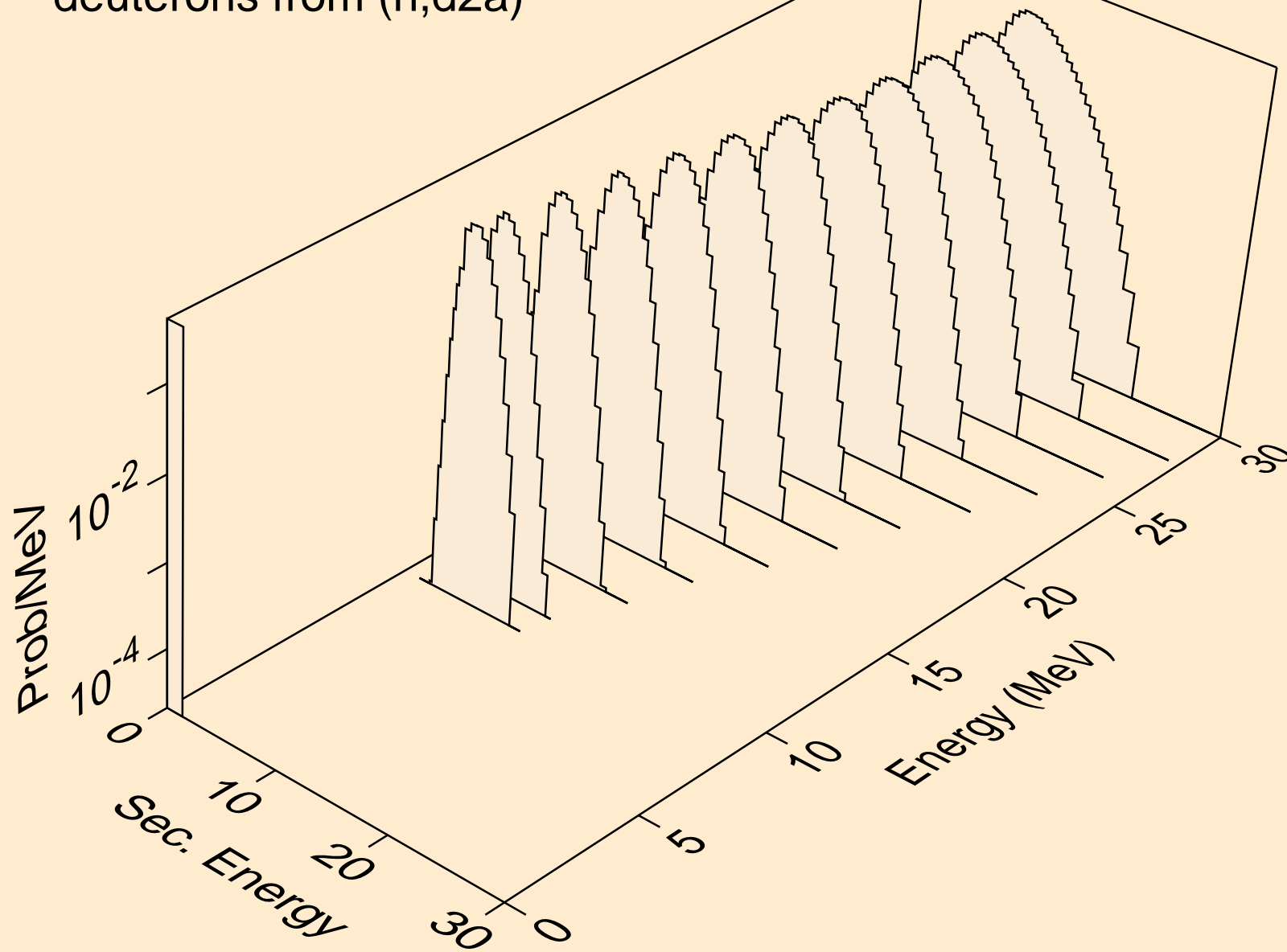
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



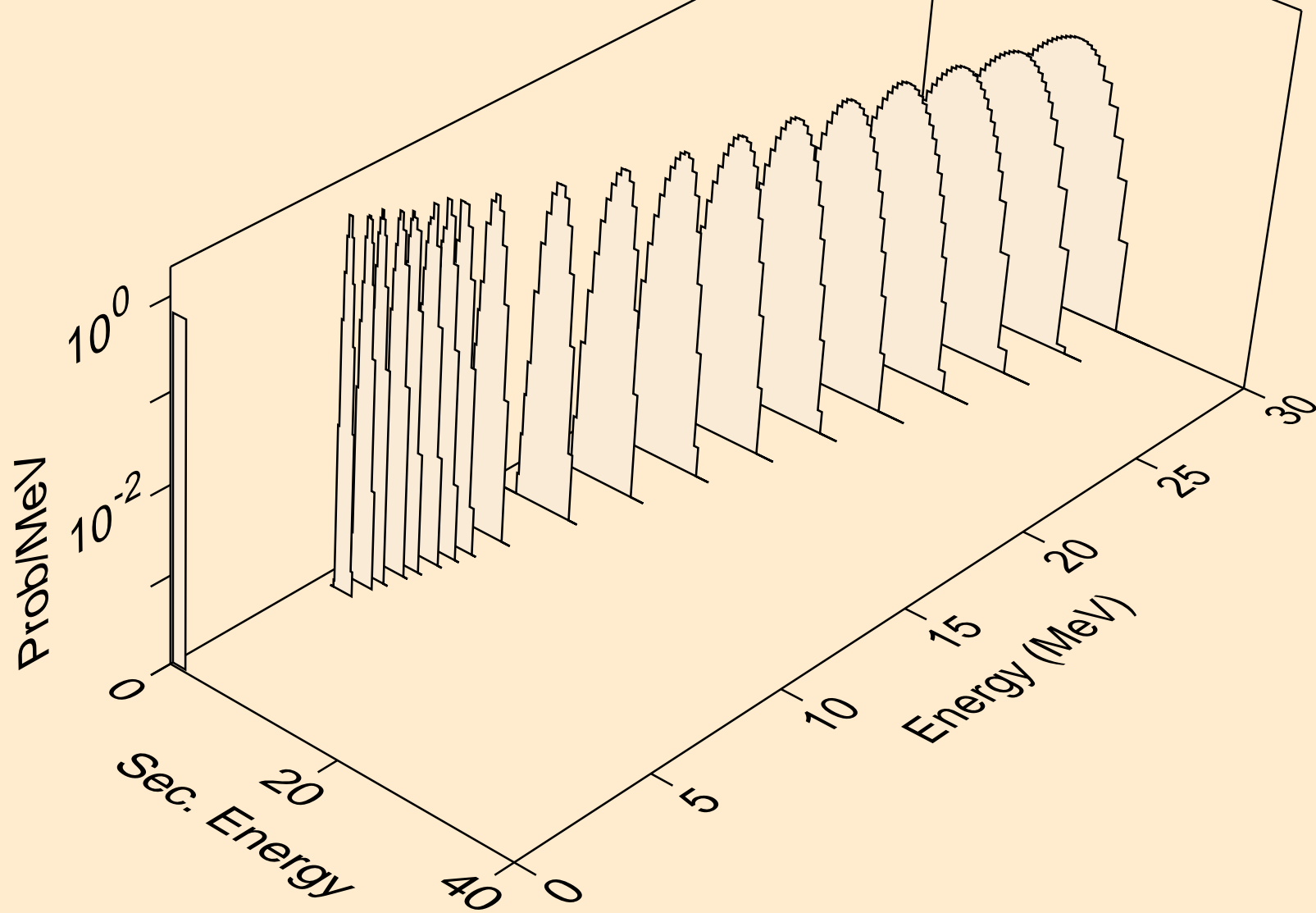
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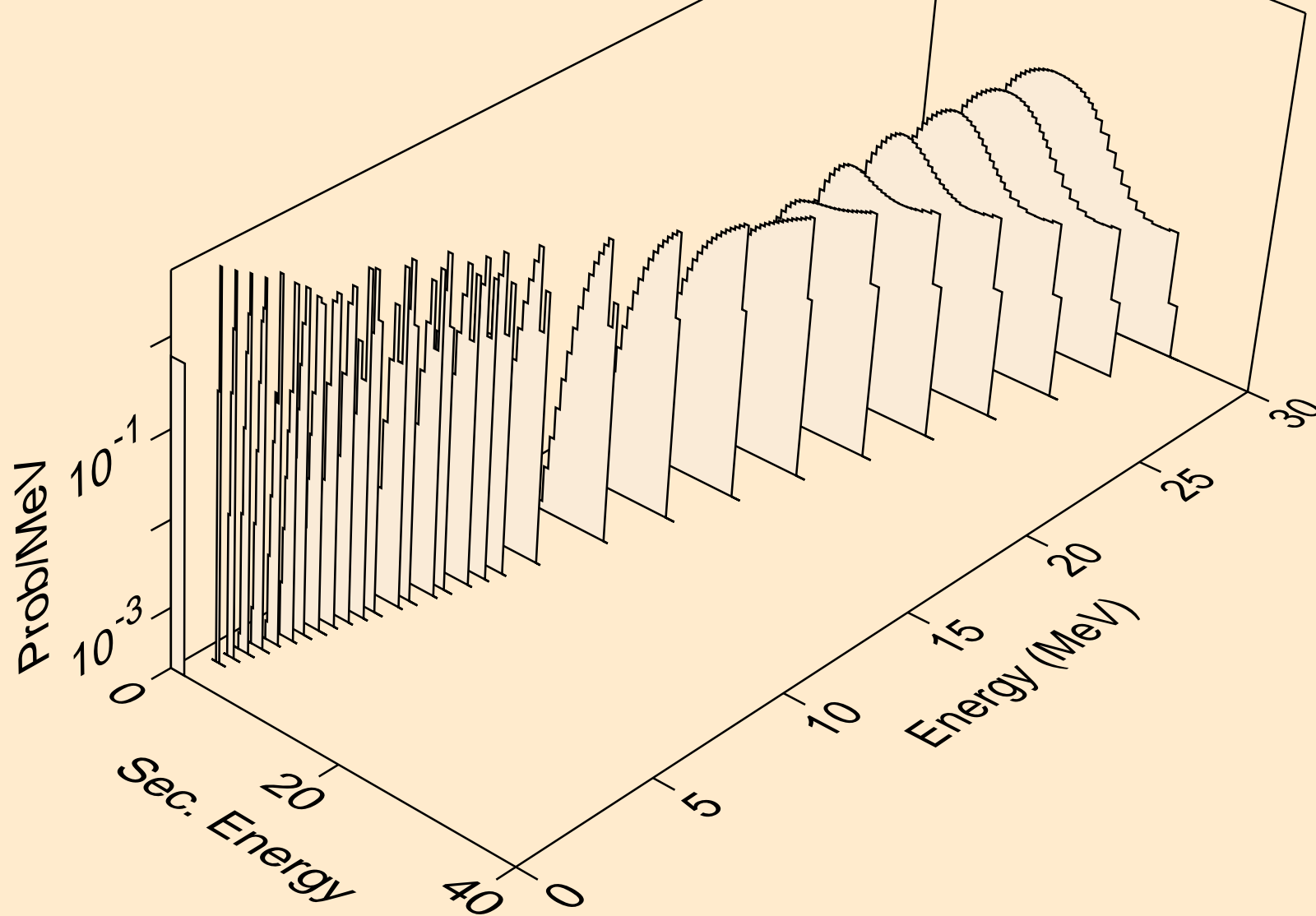
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

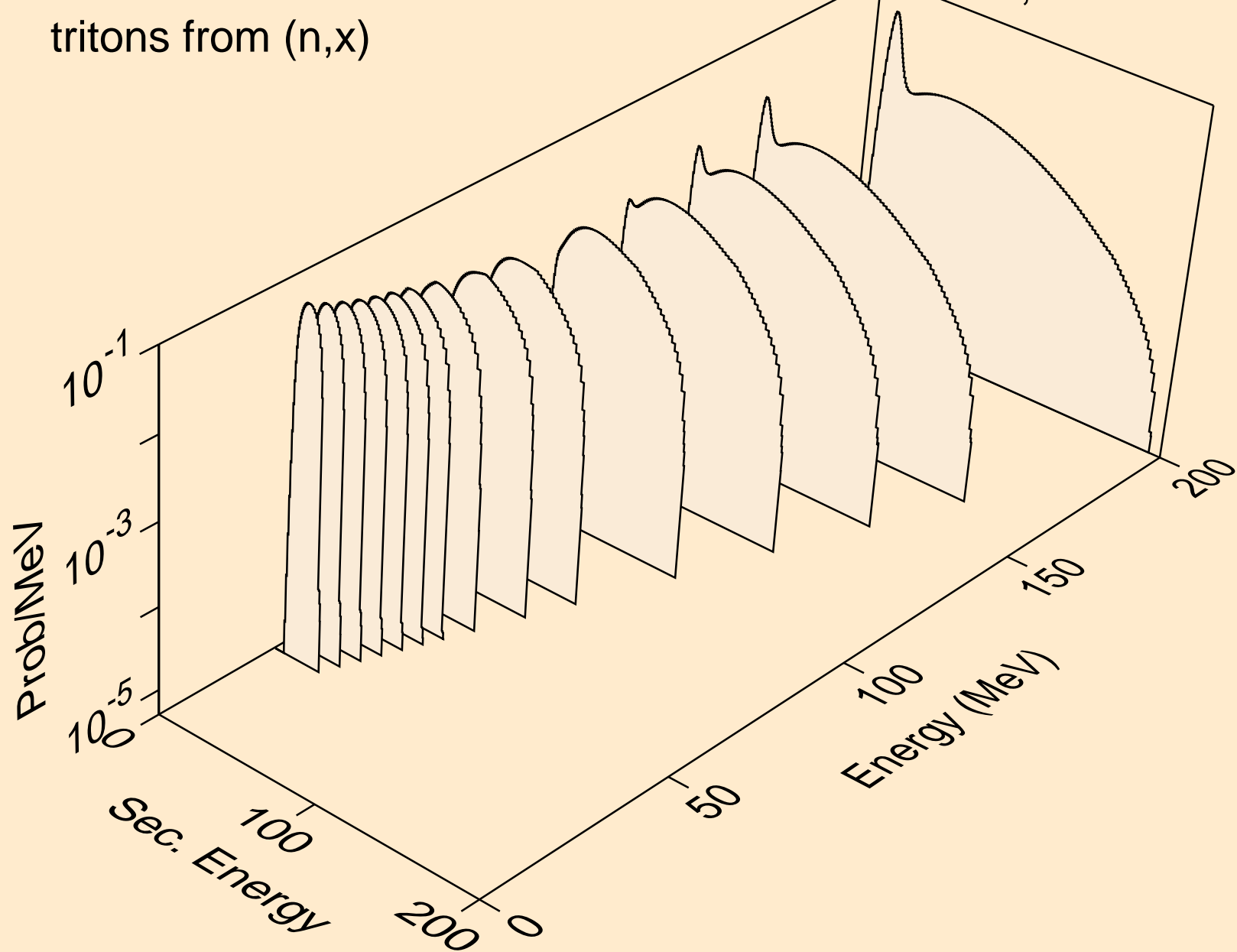


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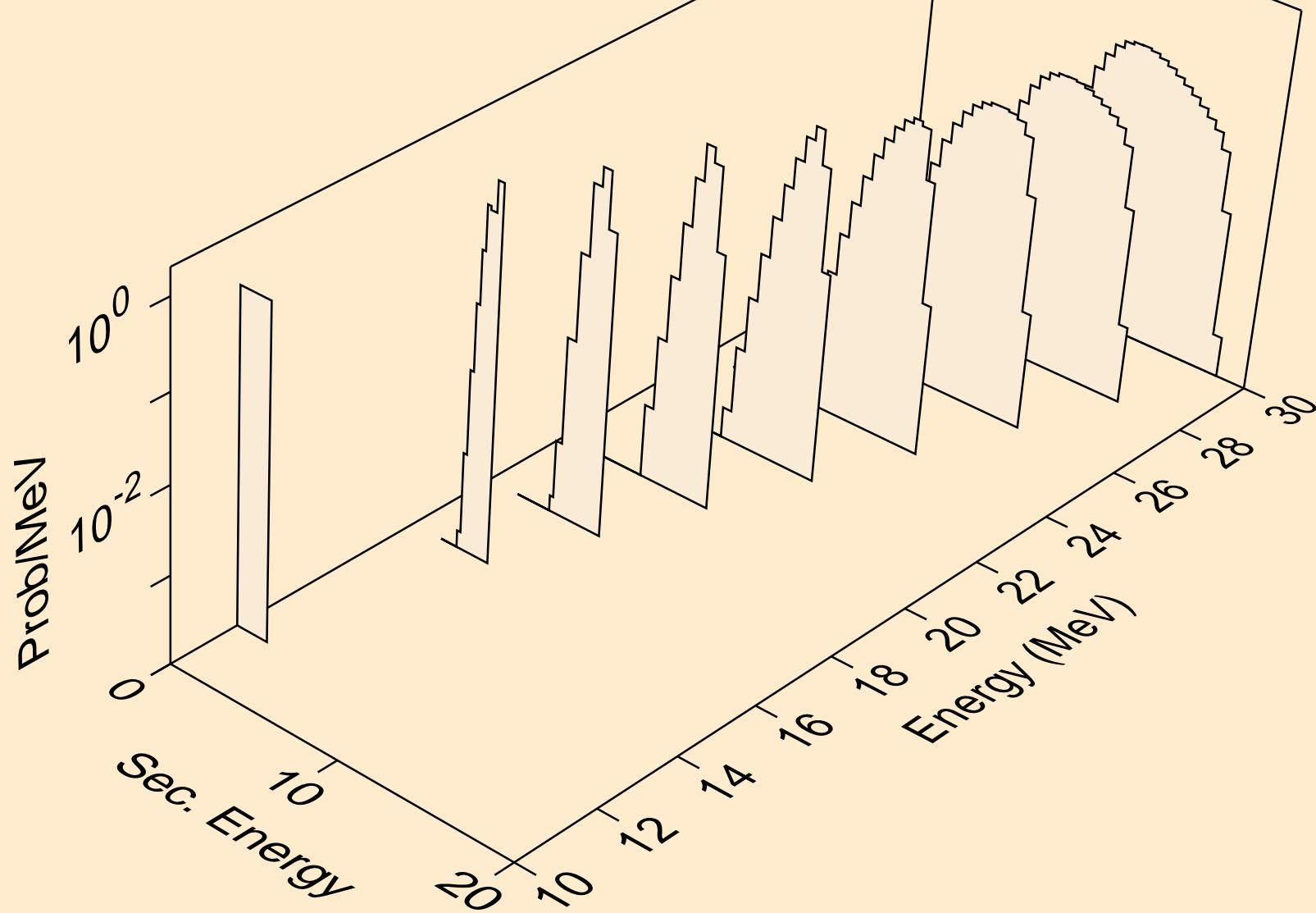




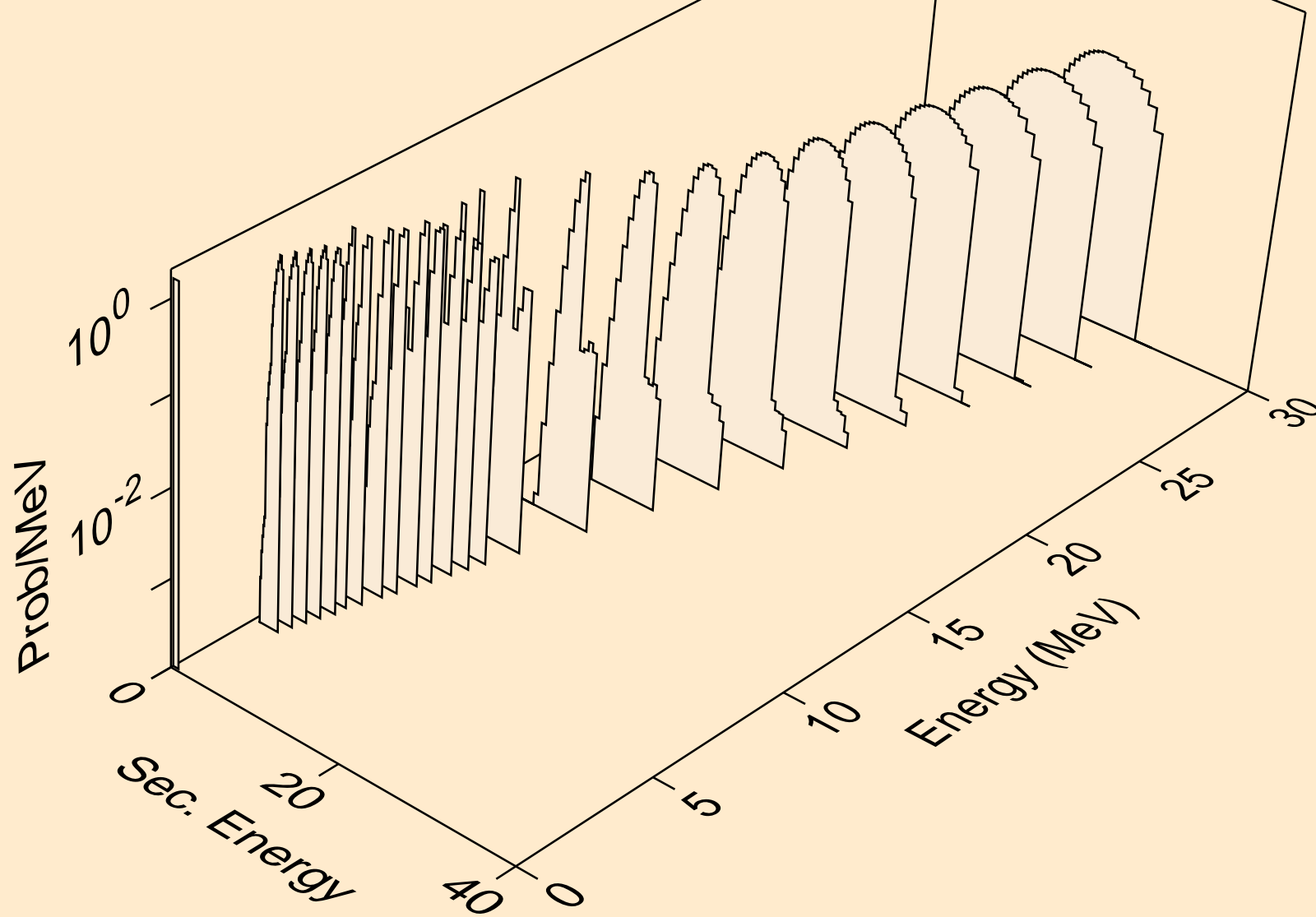
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tritons from (n,x)



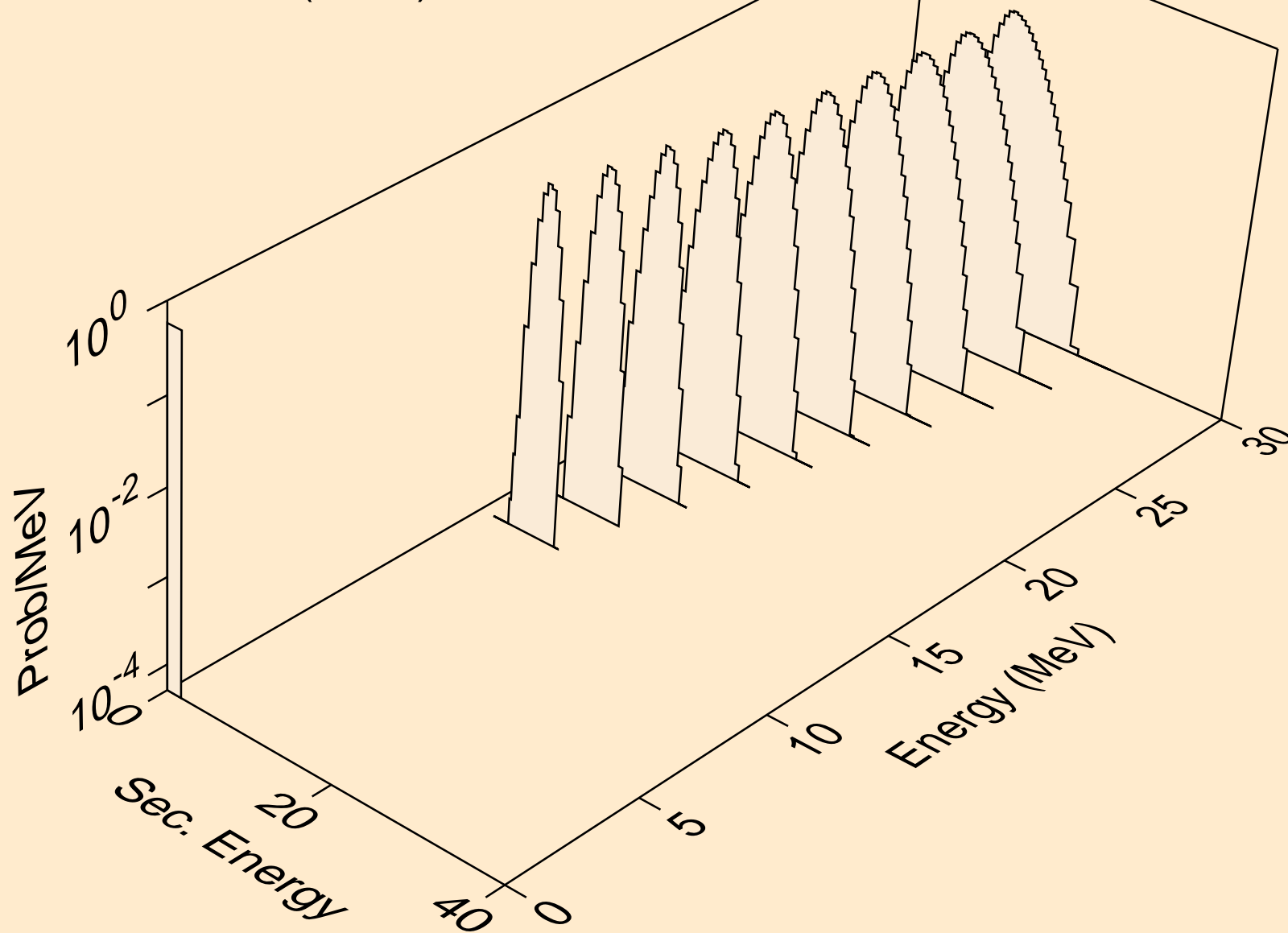
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



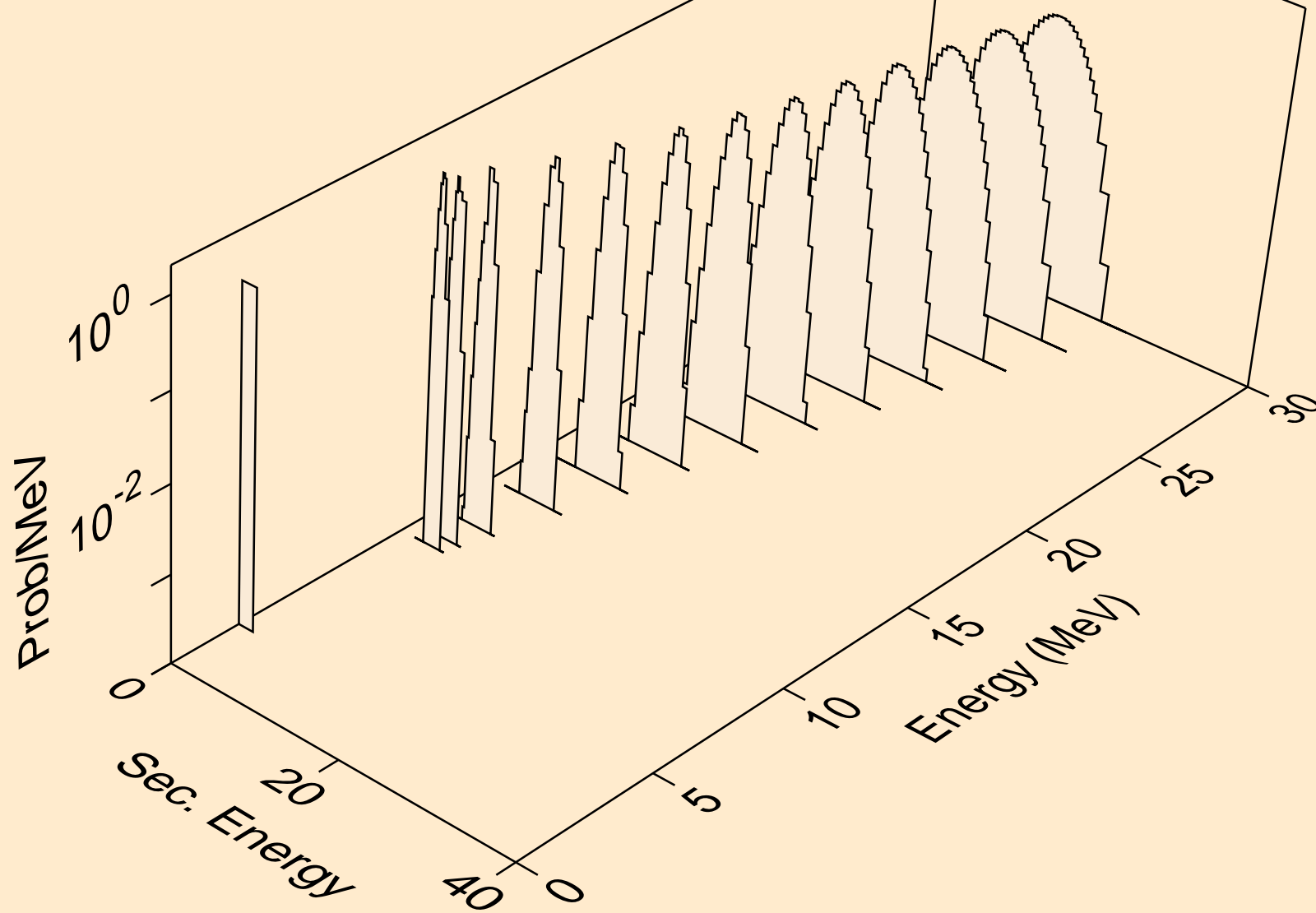
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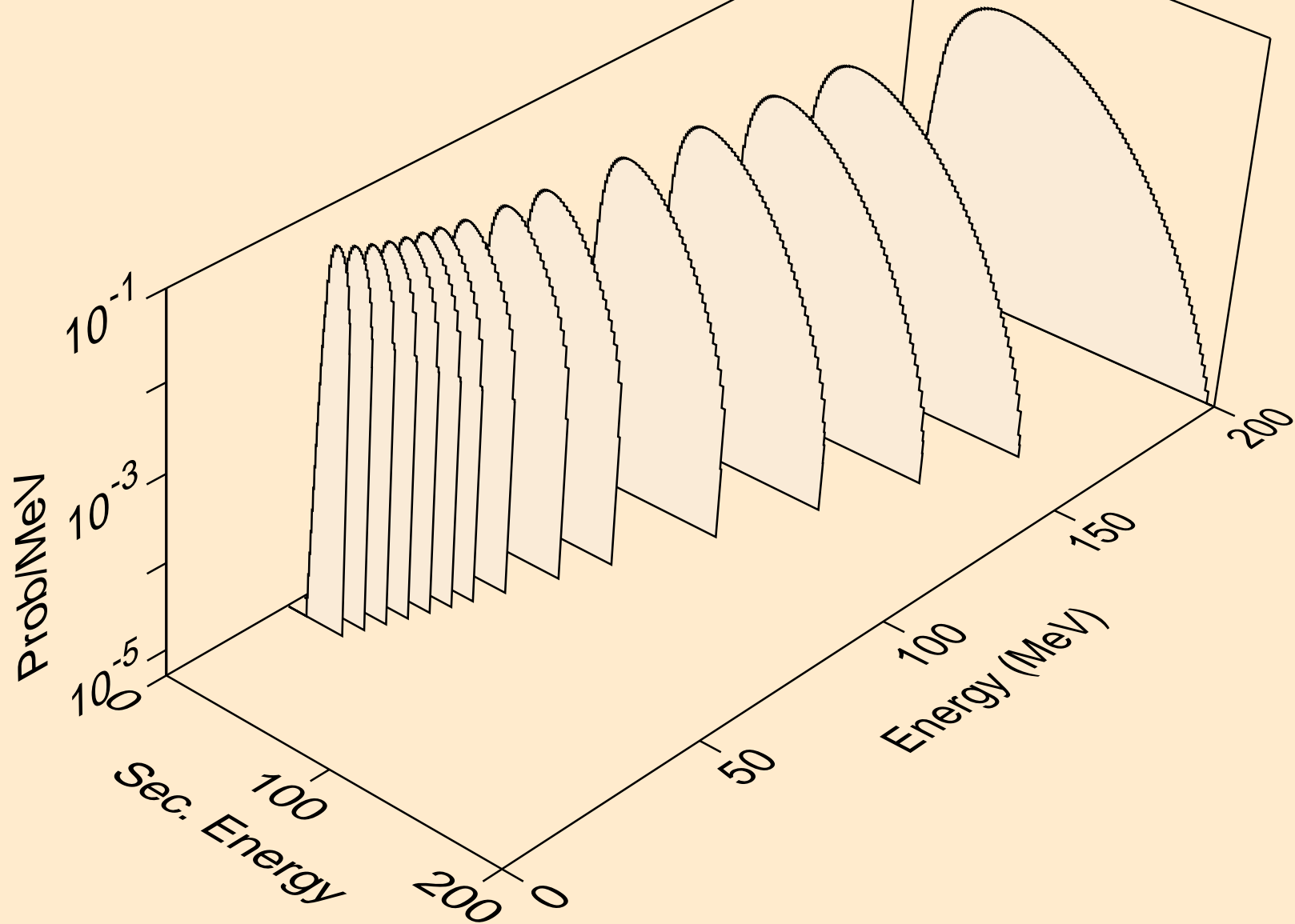
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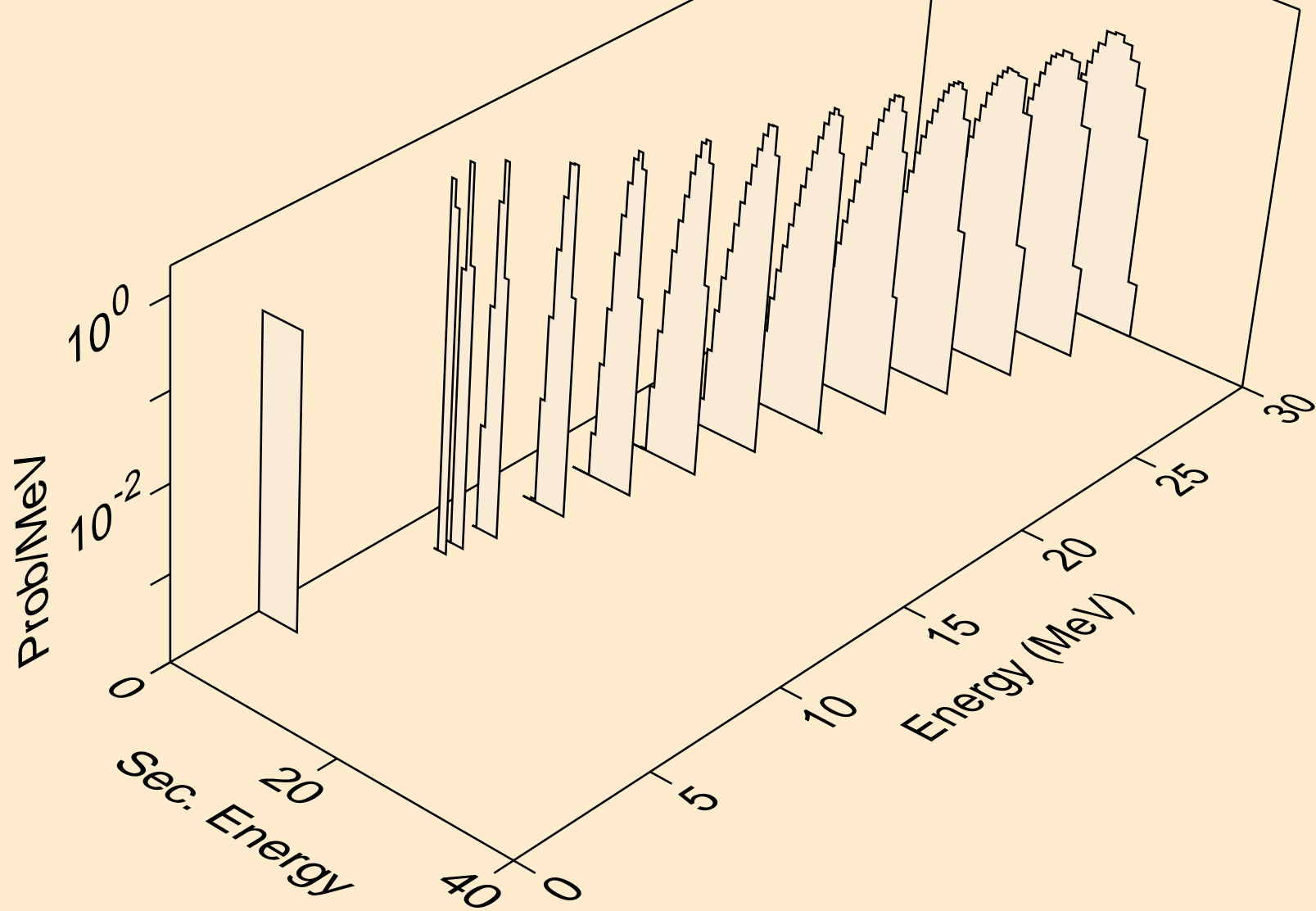
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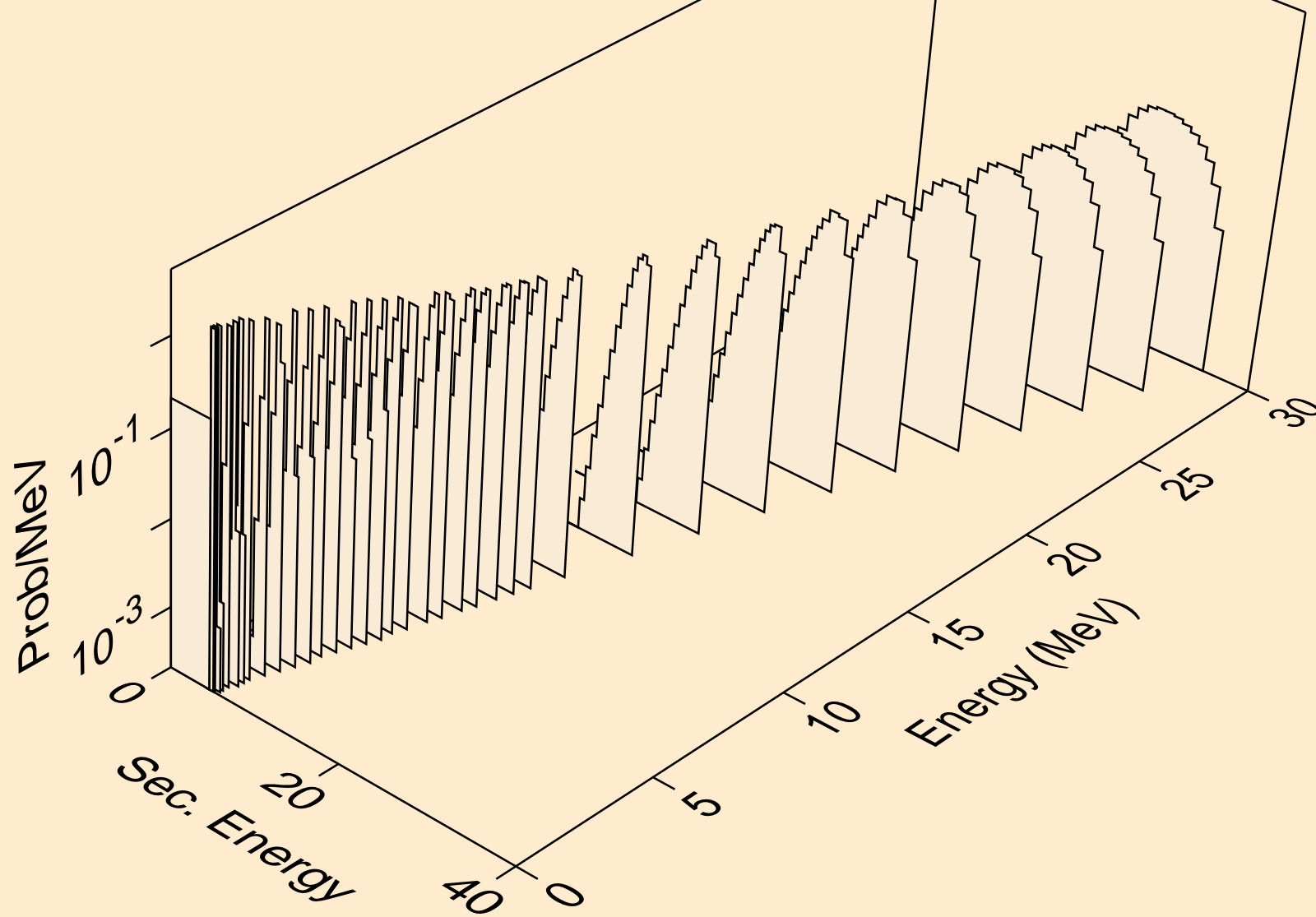
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

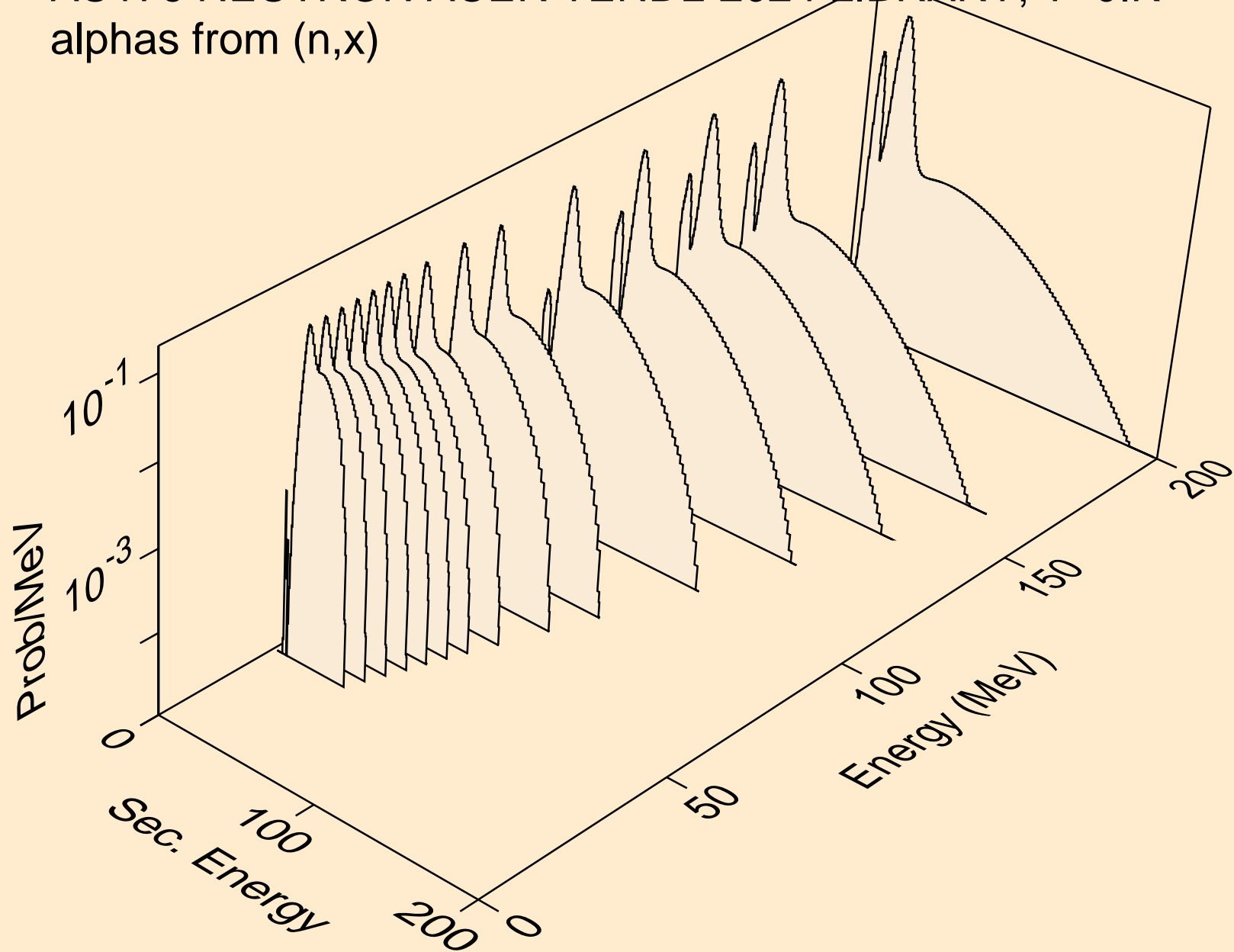


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he3s from (n,he3)

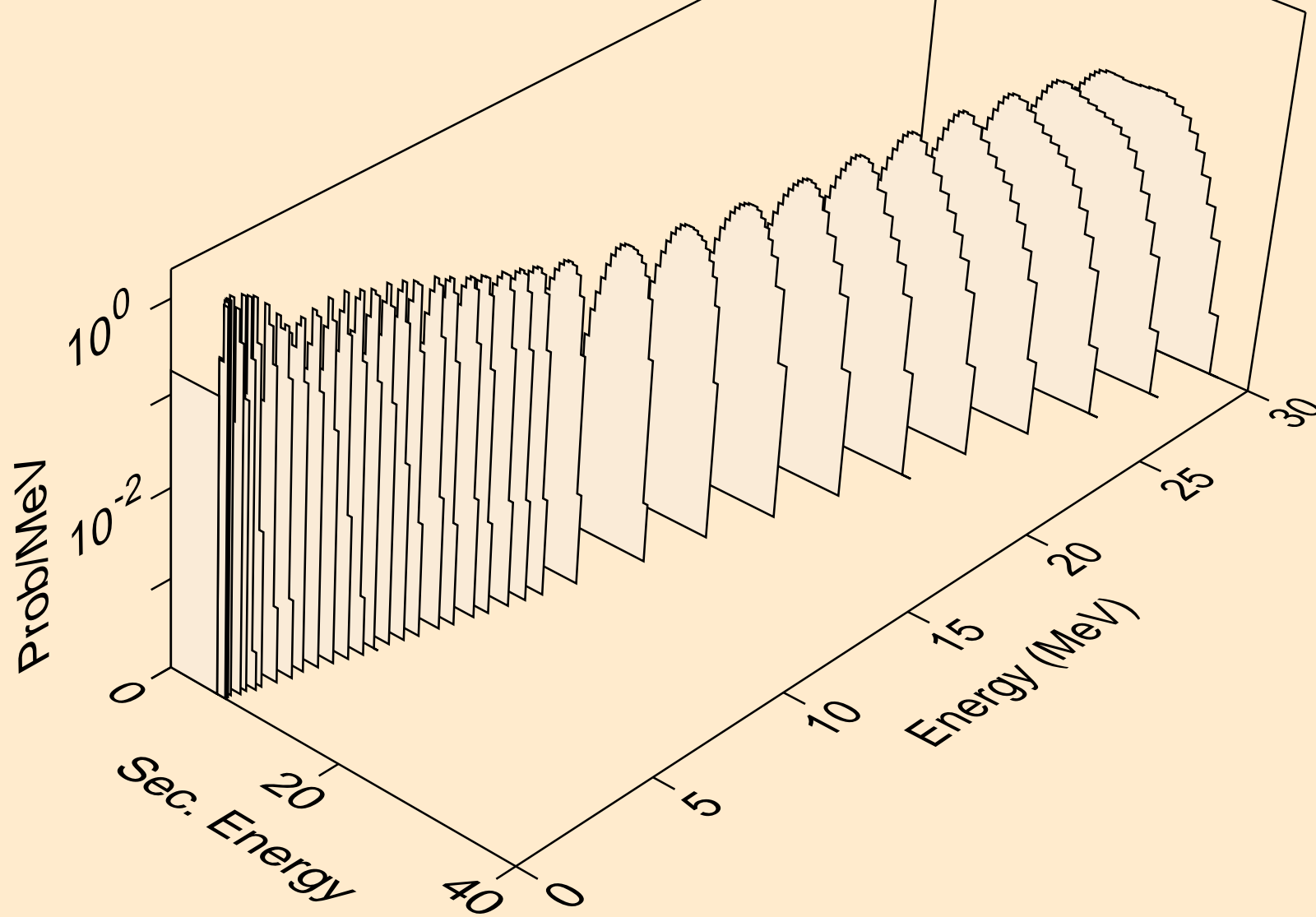




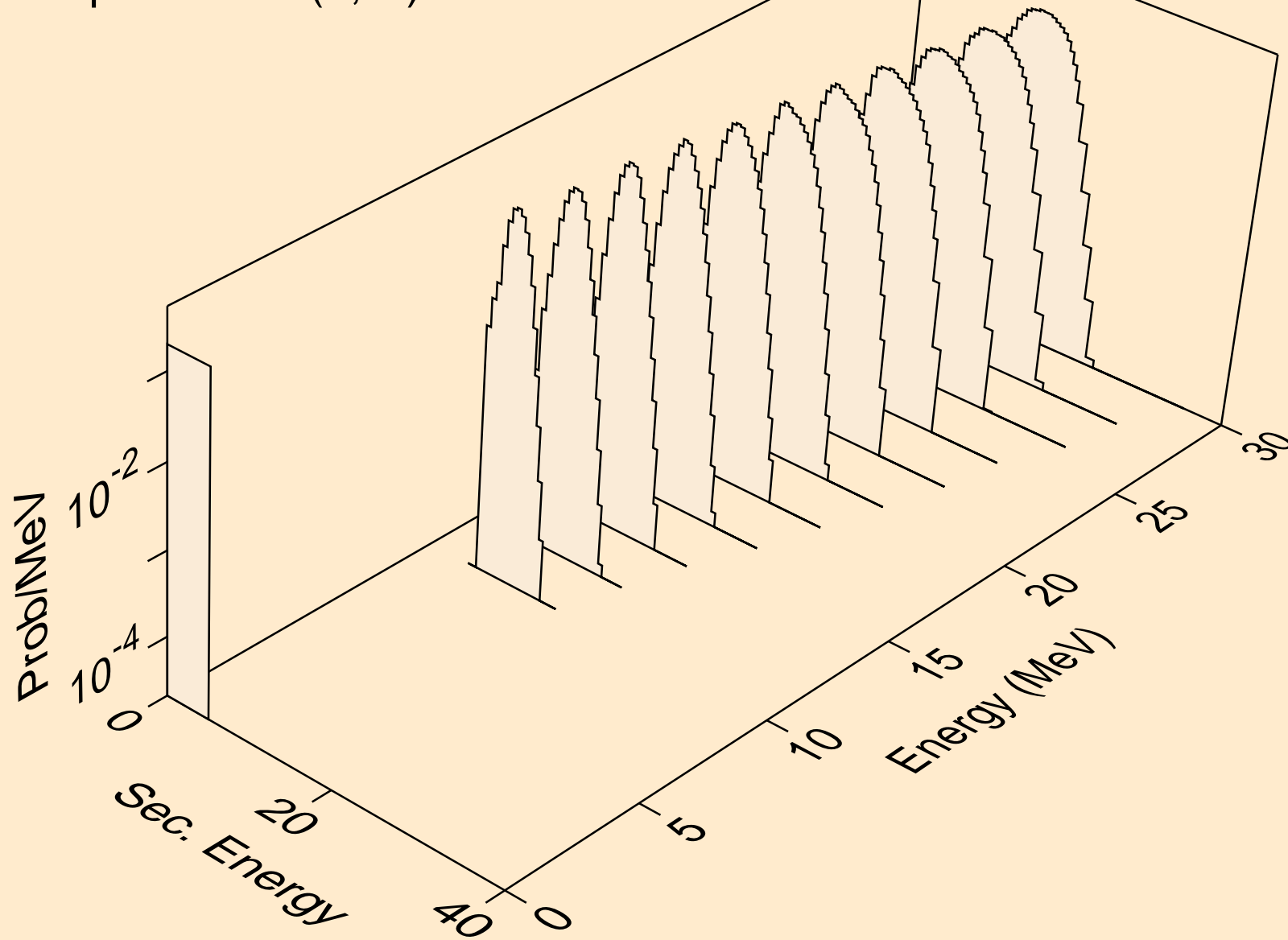
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



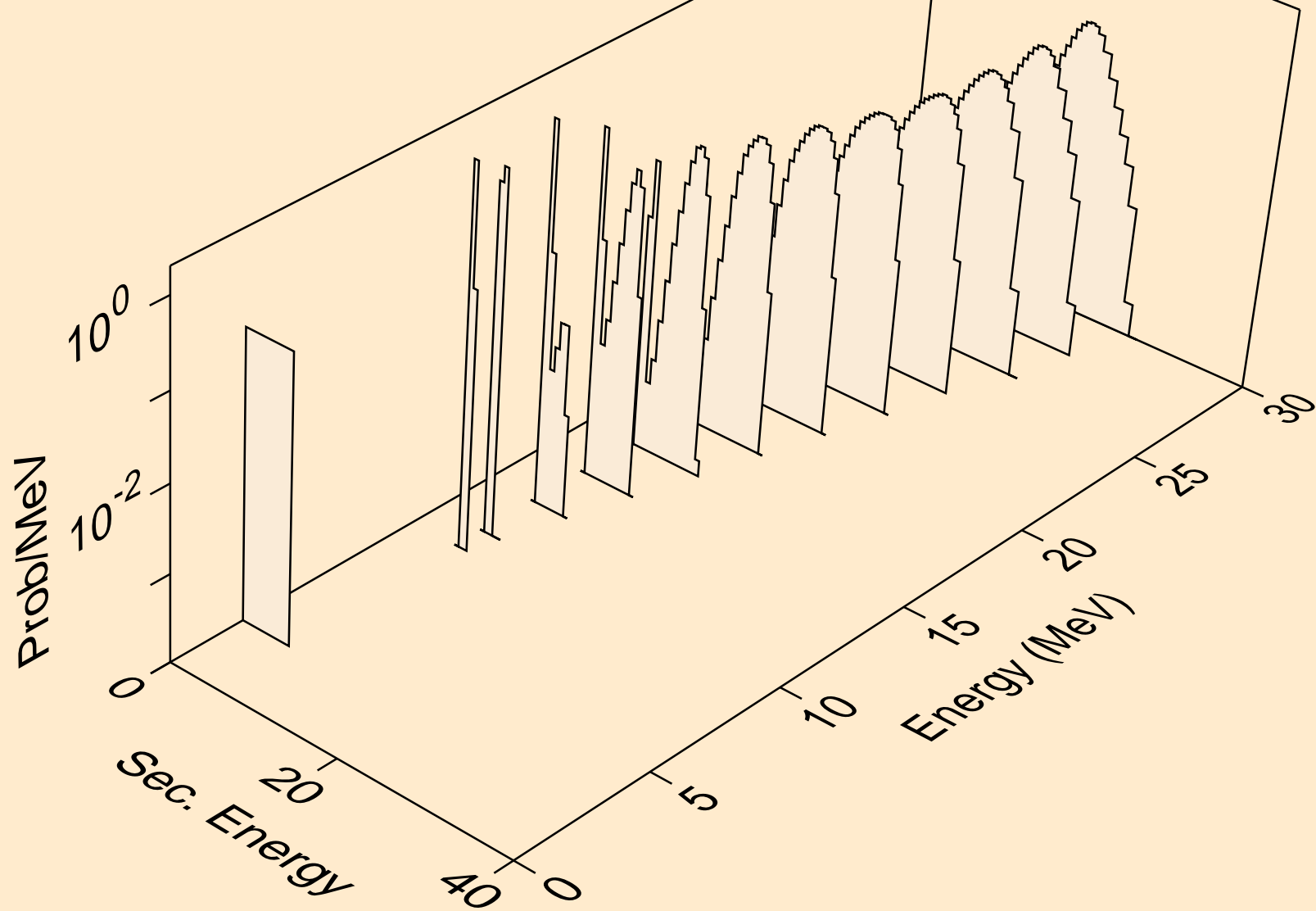
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alphas from (n,n\*)a



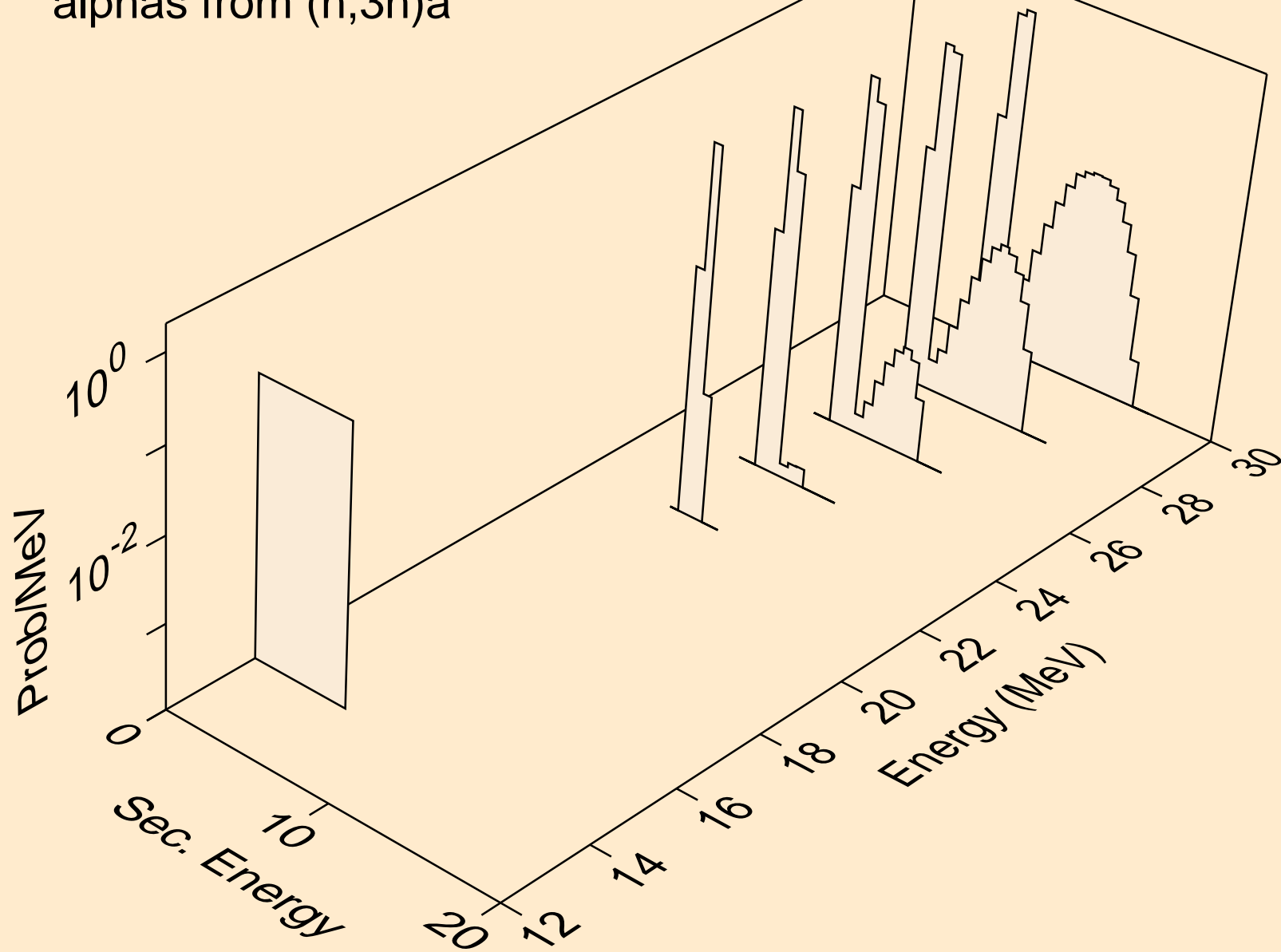
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



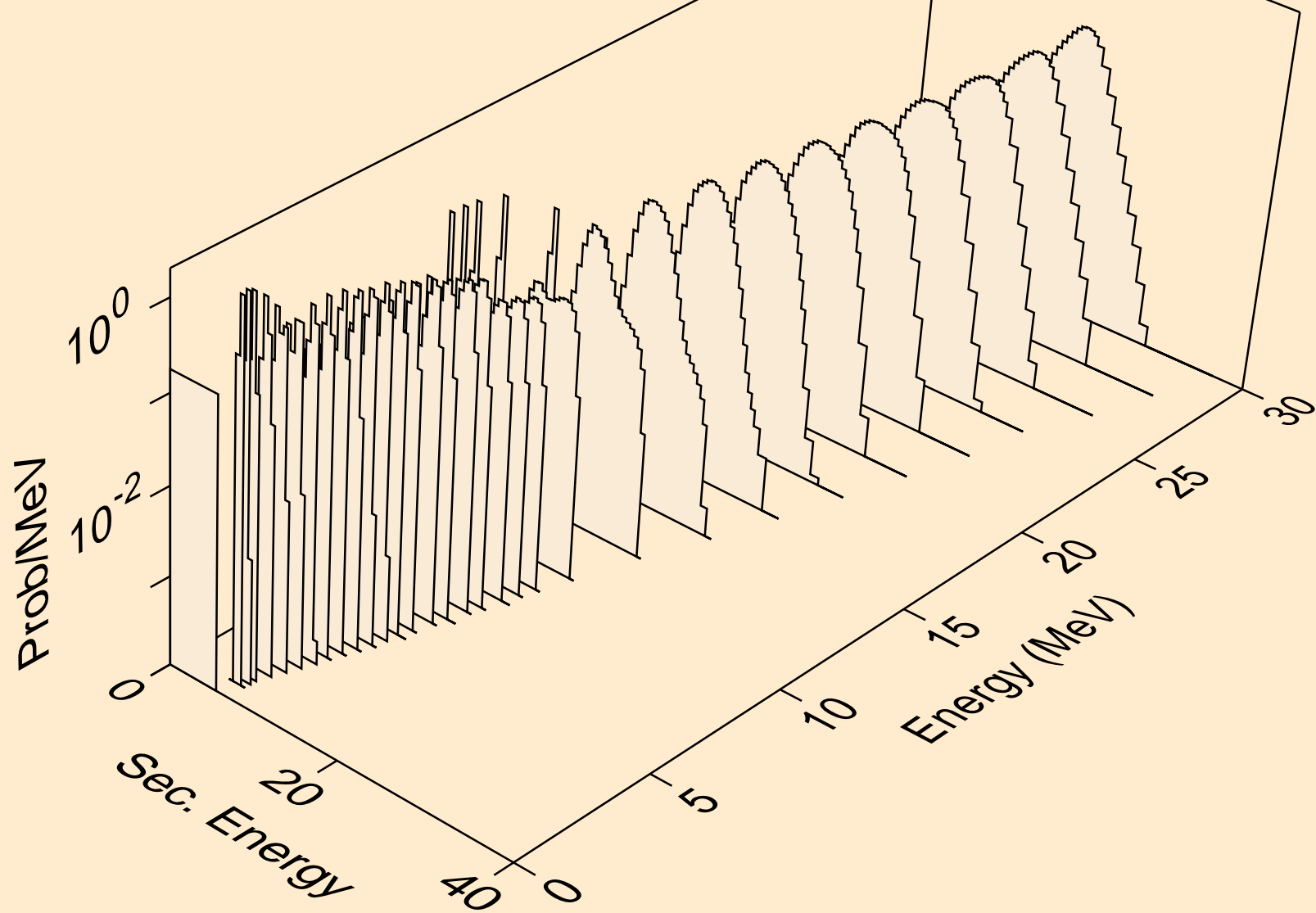
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alphas from (n,2n)a



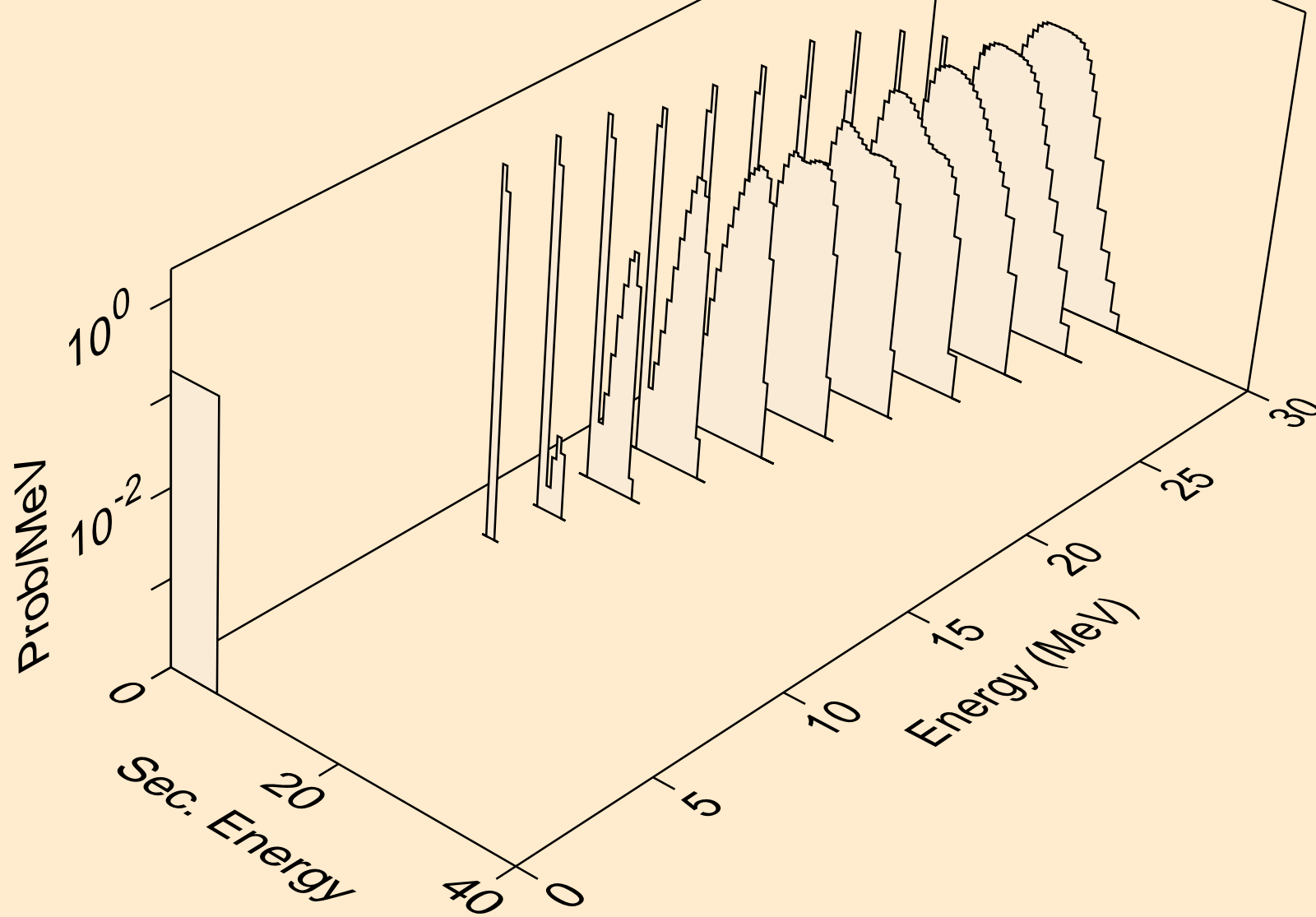
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alphas from (n,3n)a



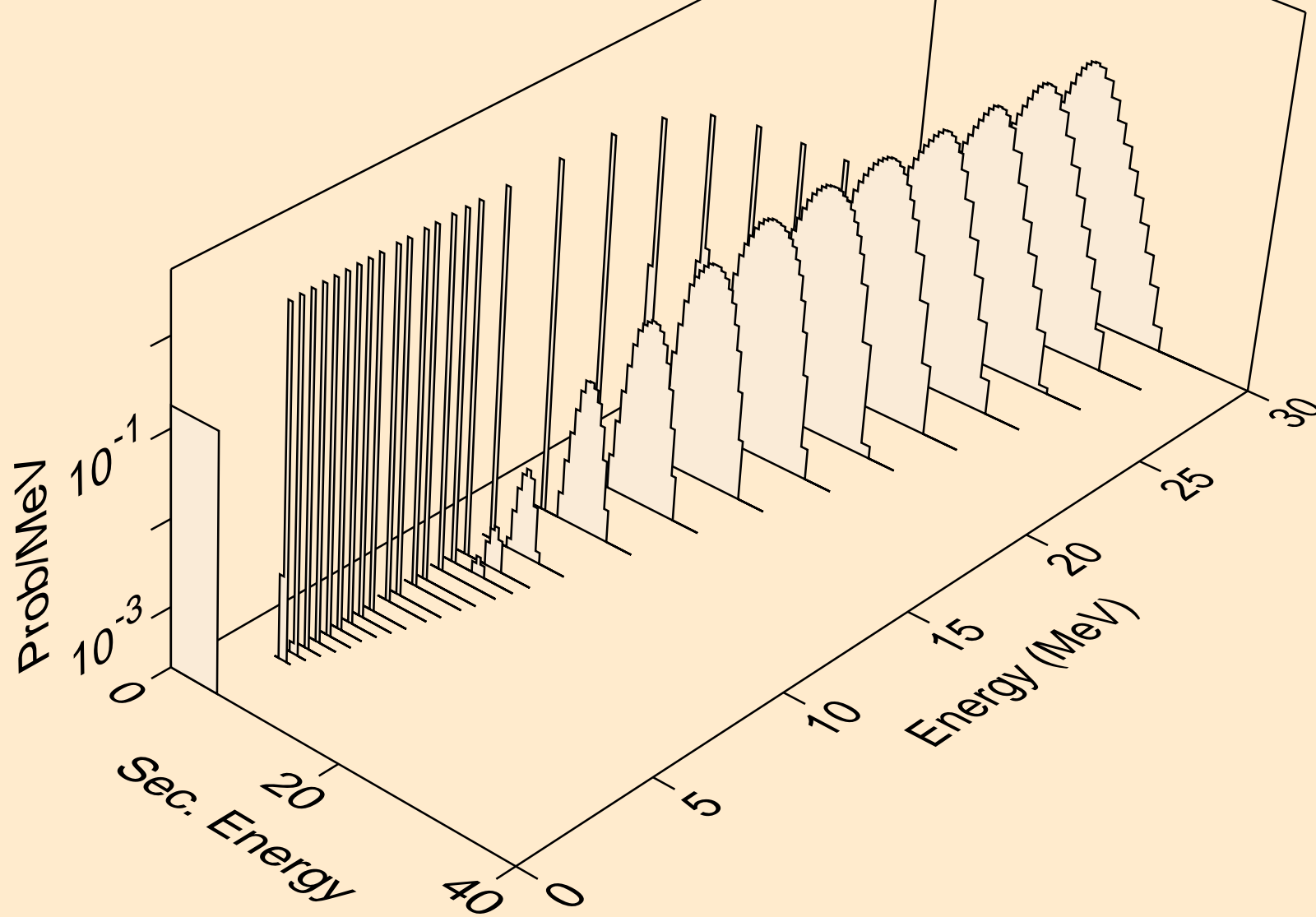
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

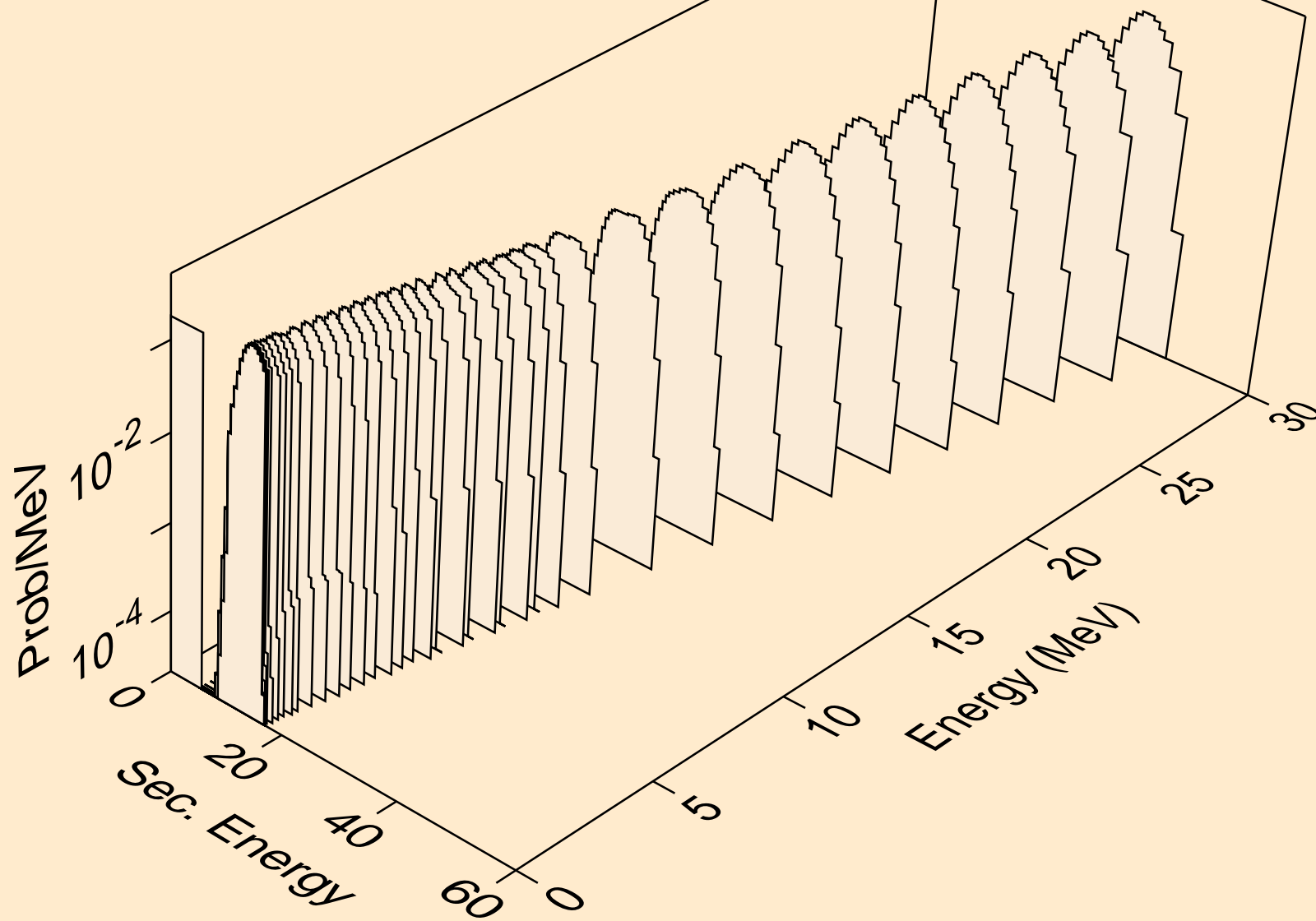


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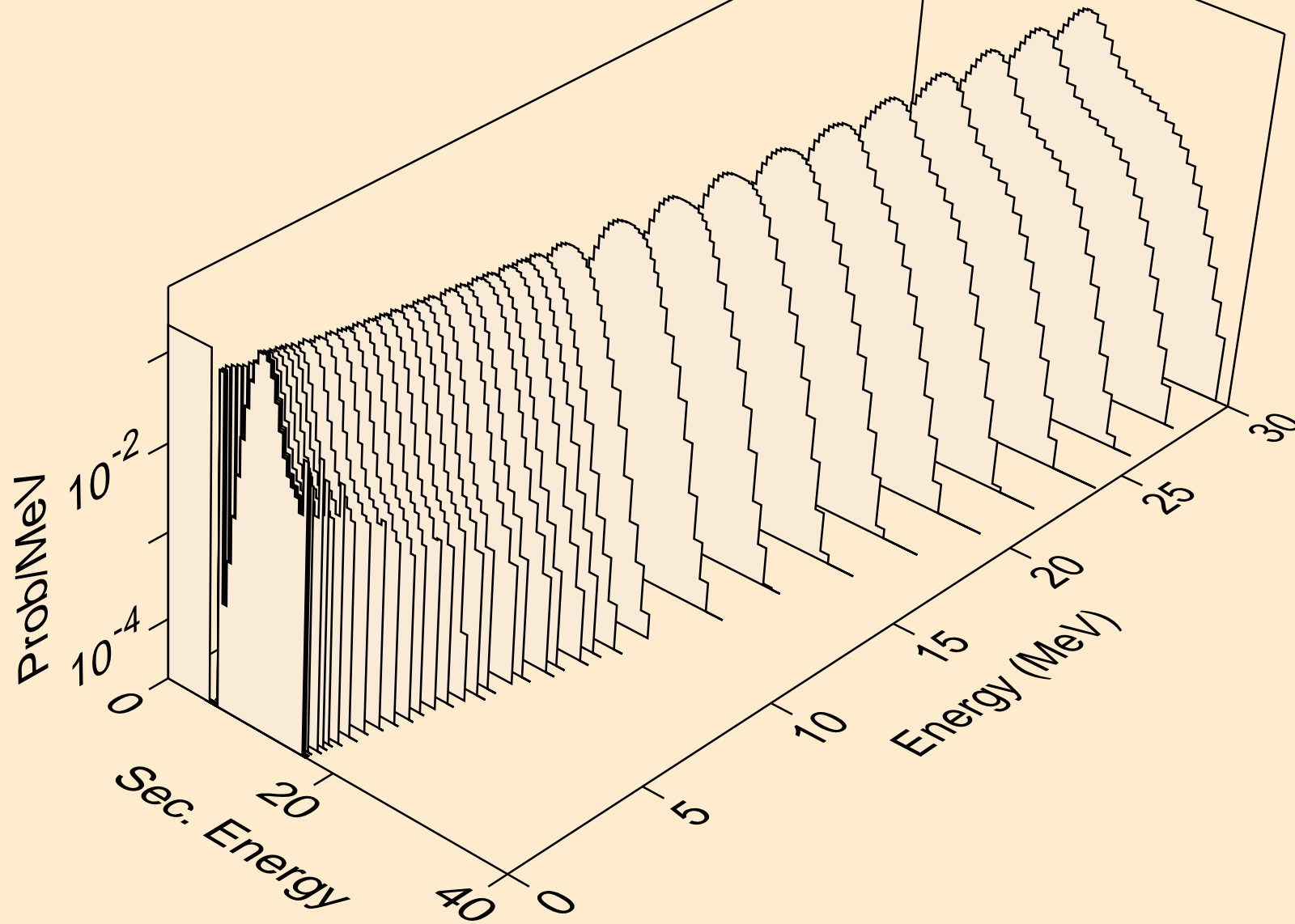




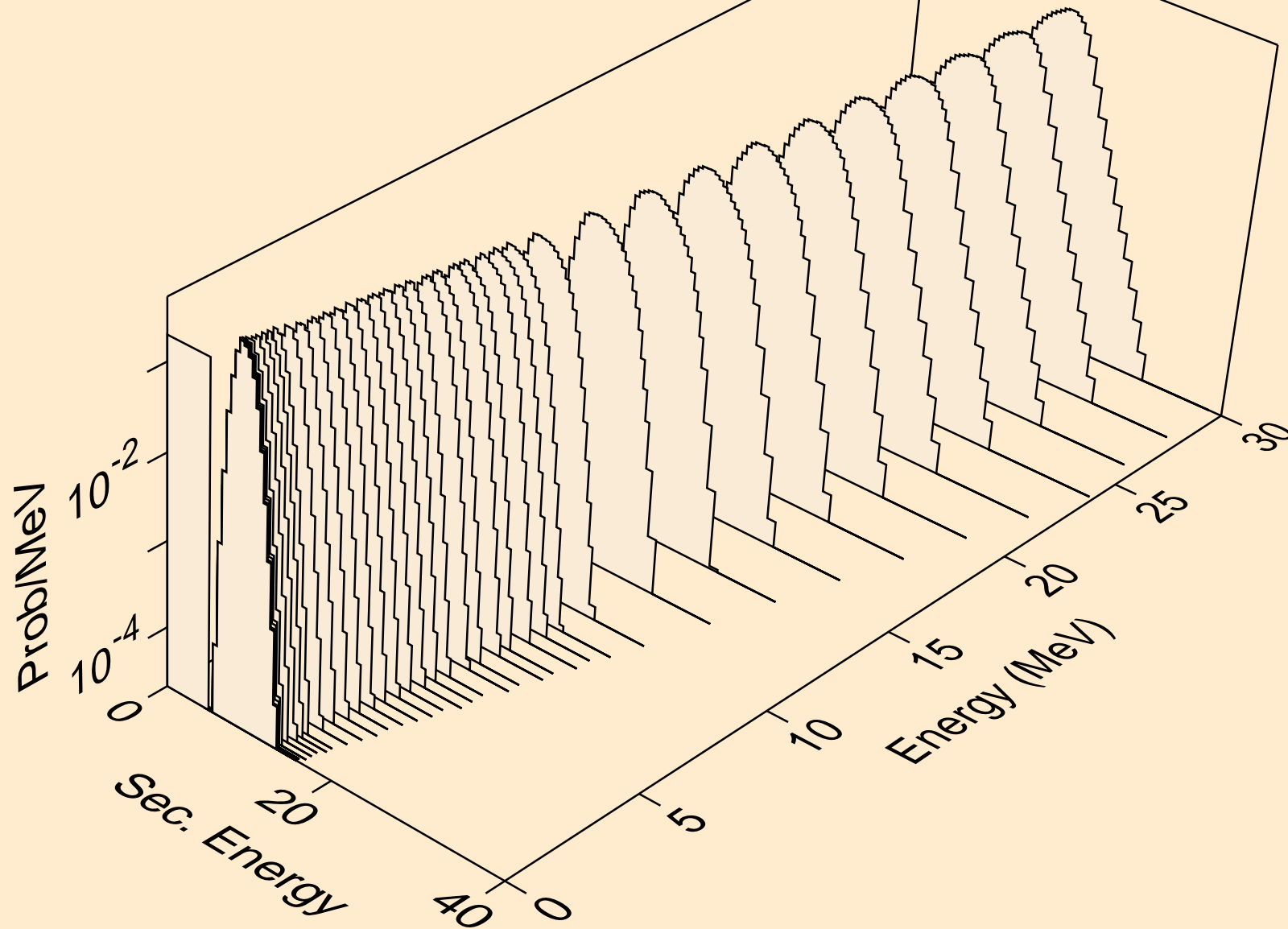
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



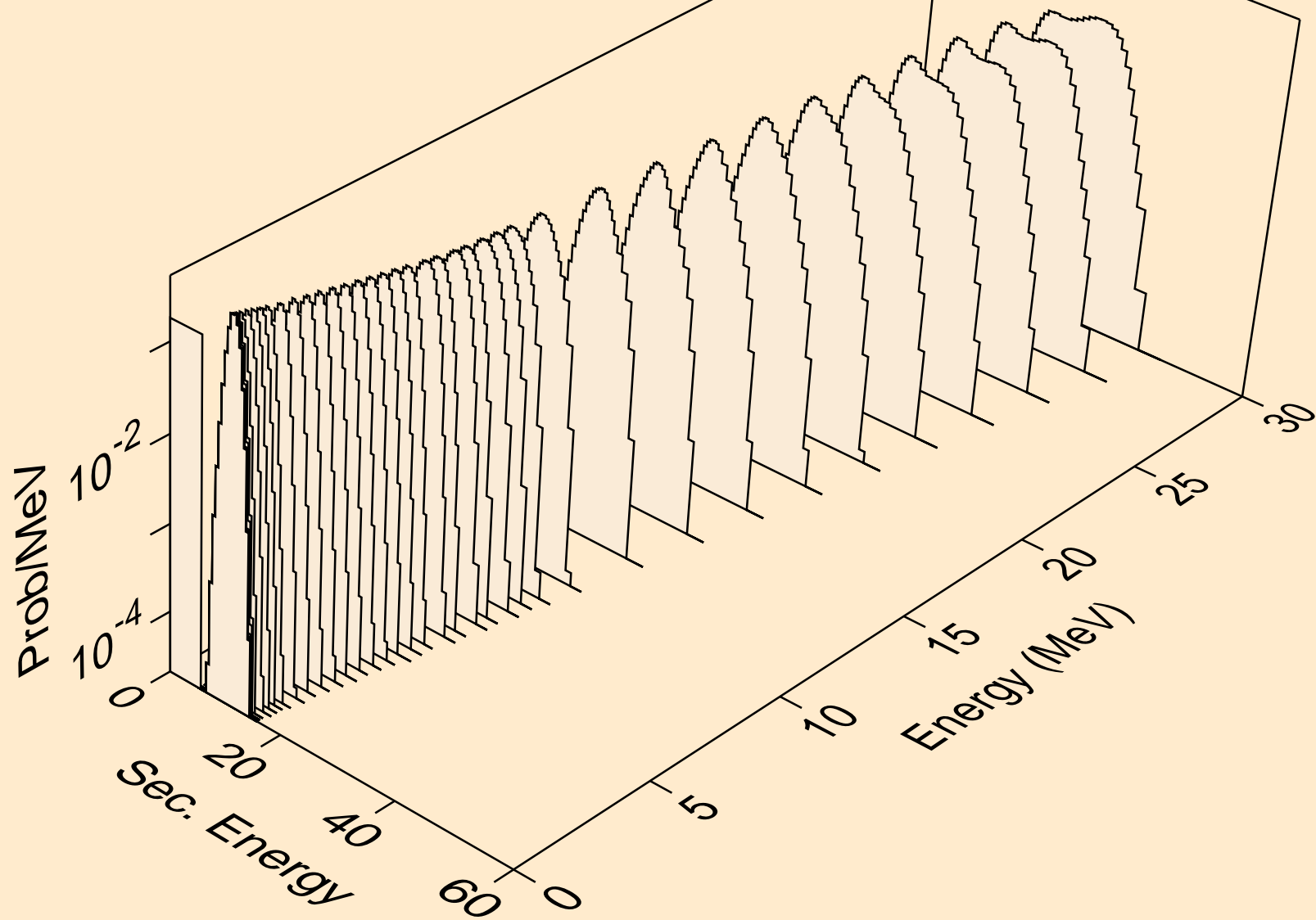
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



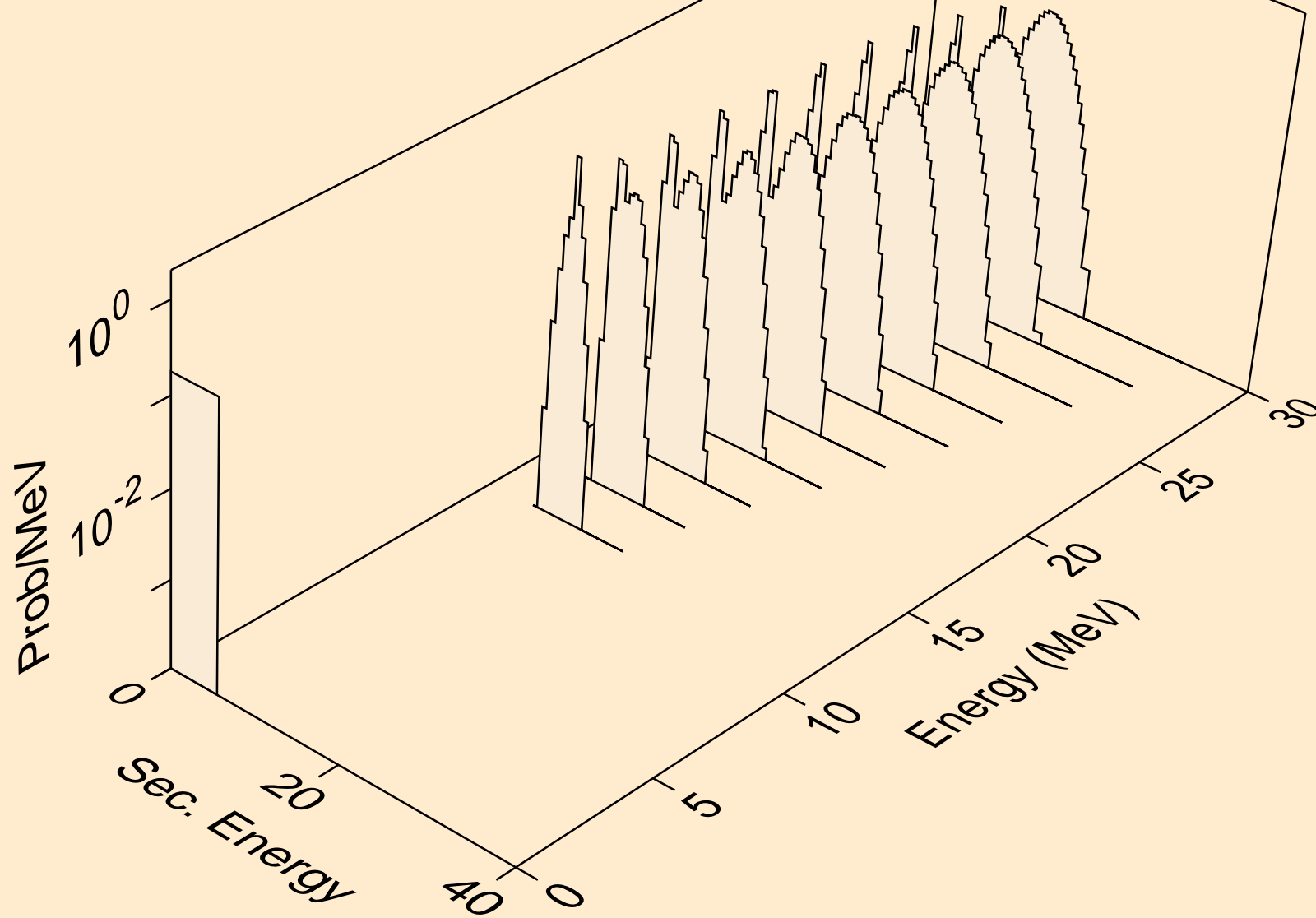
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



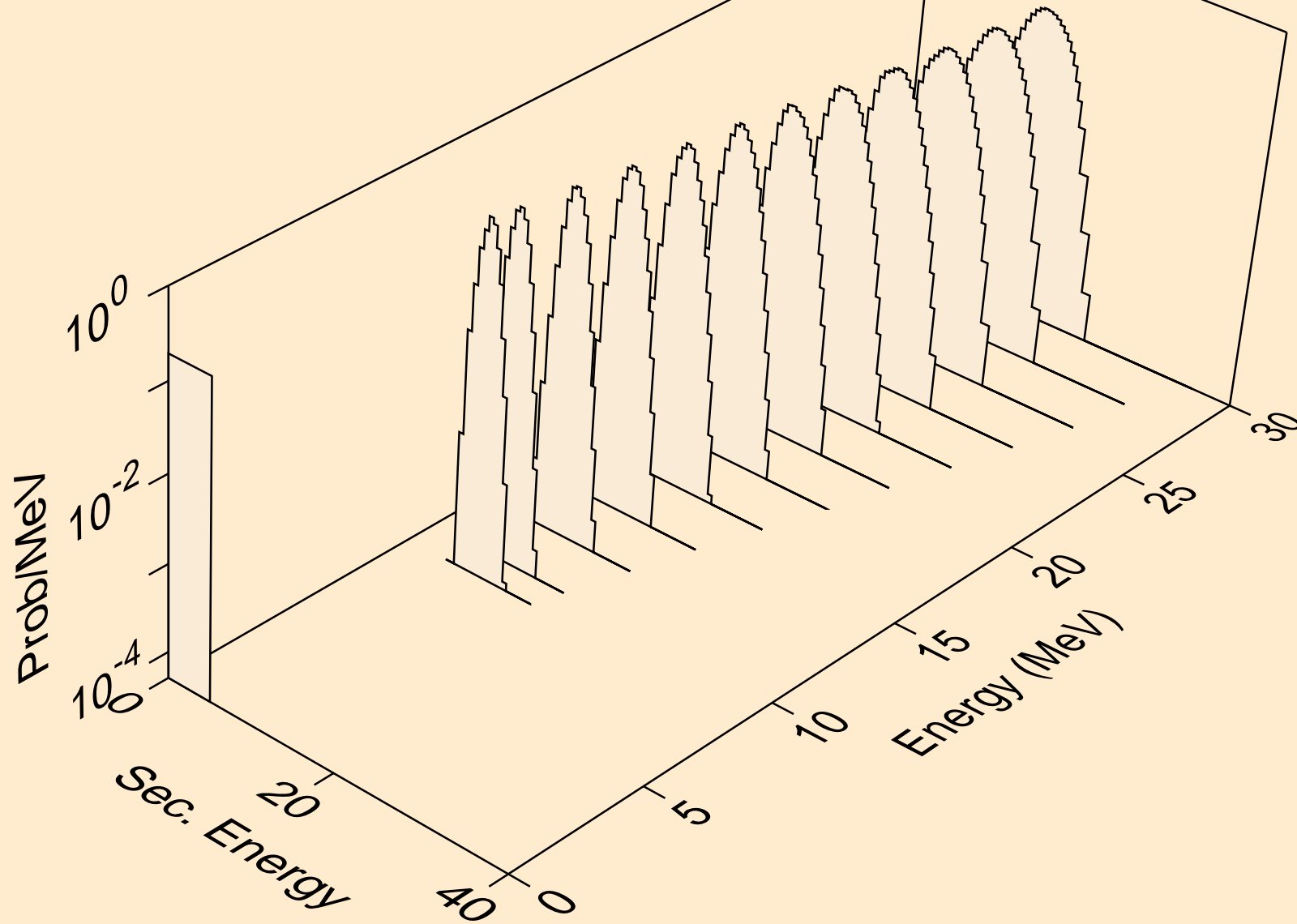
AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,t2a)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



AU176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

