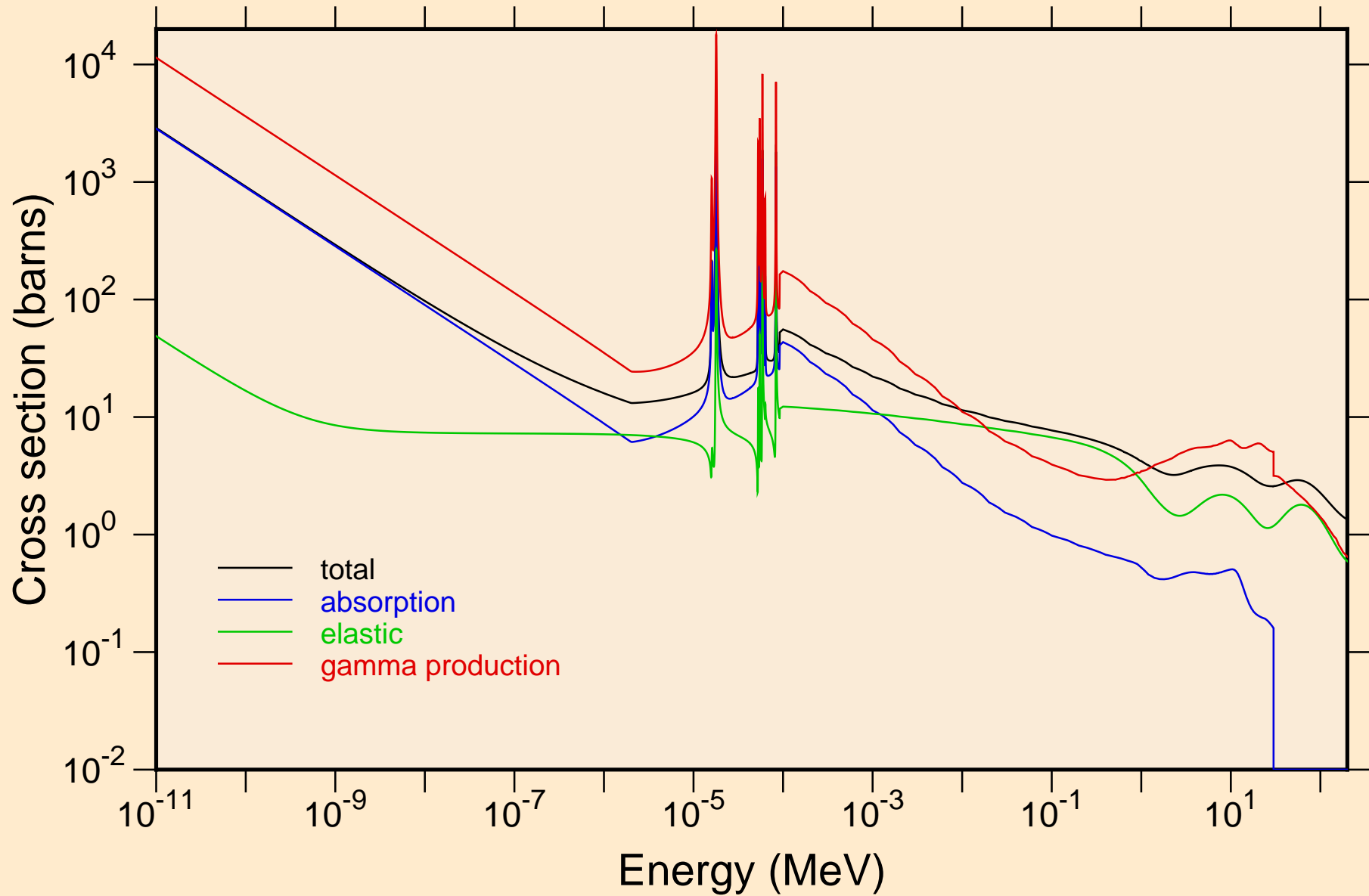
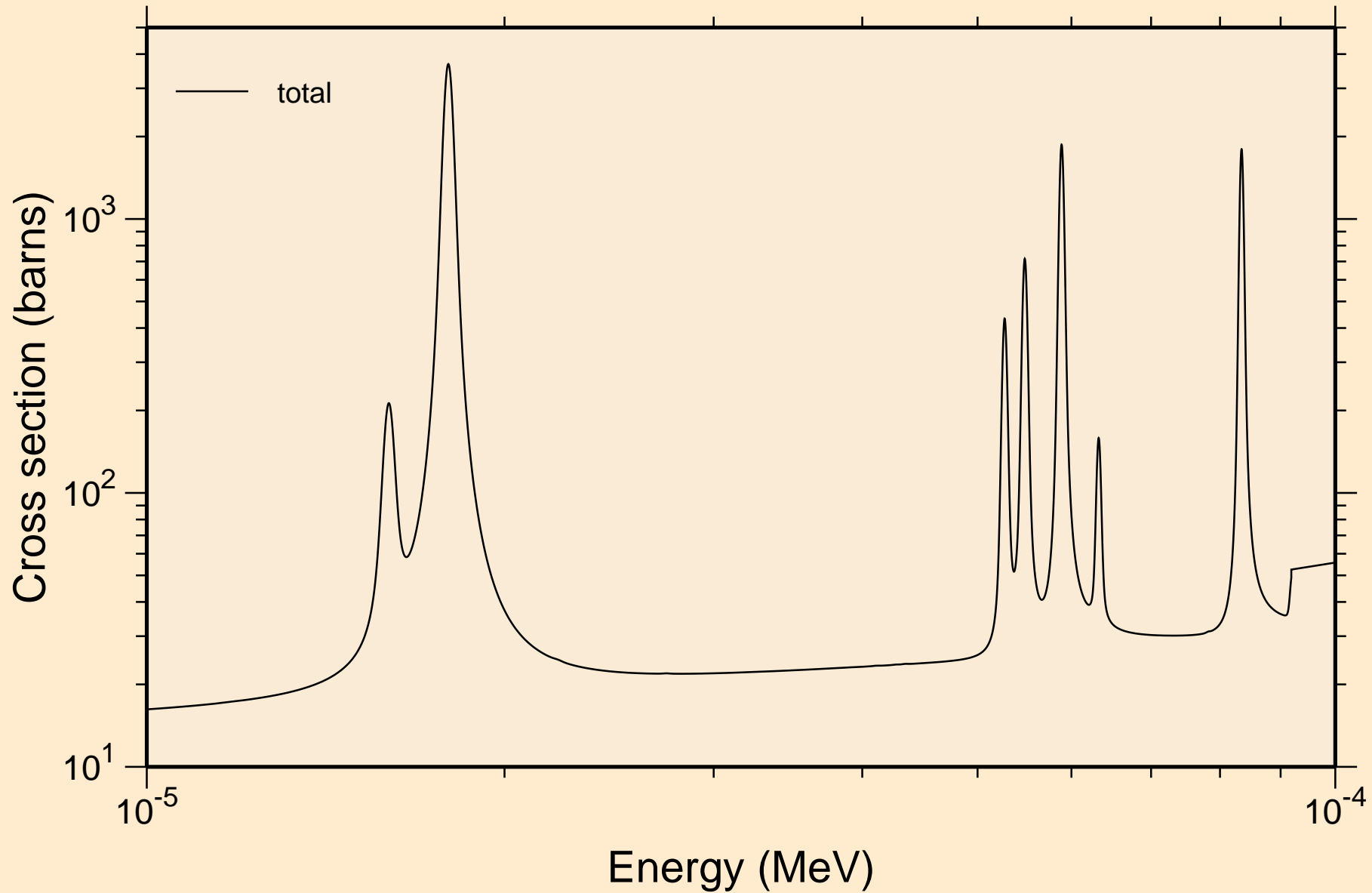


# SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

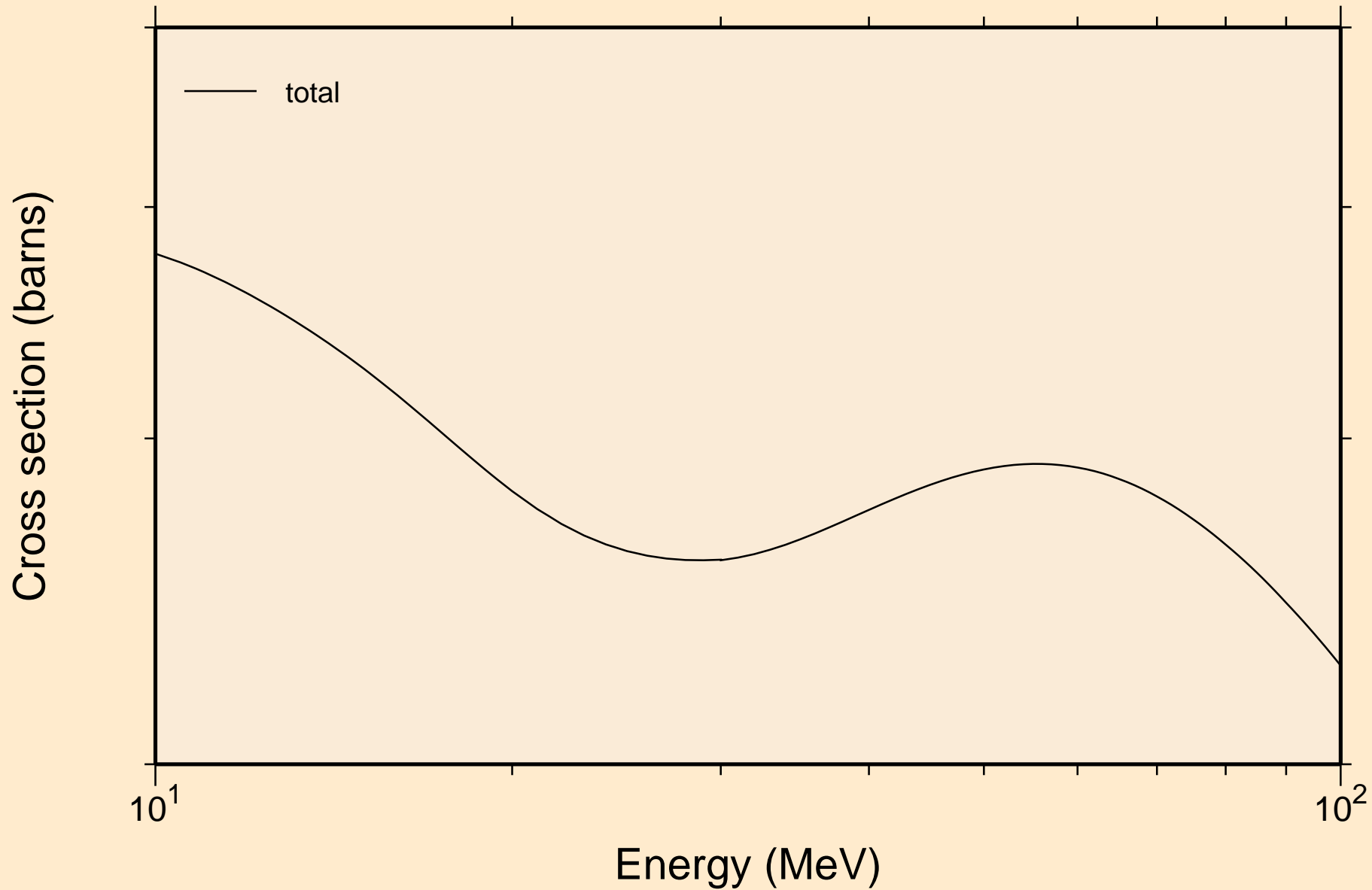
## Principal cross sections



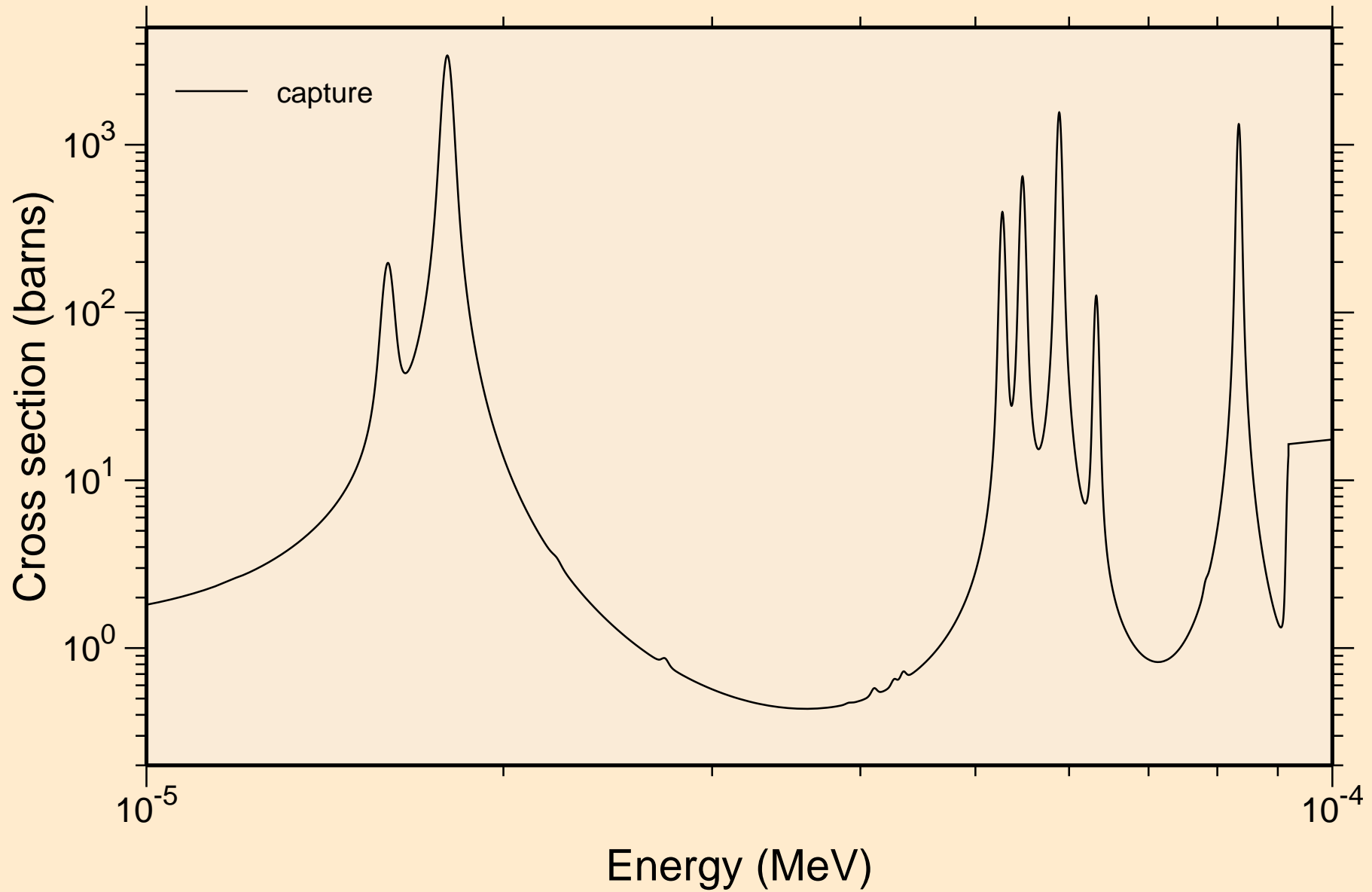
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



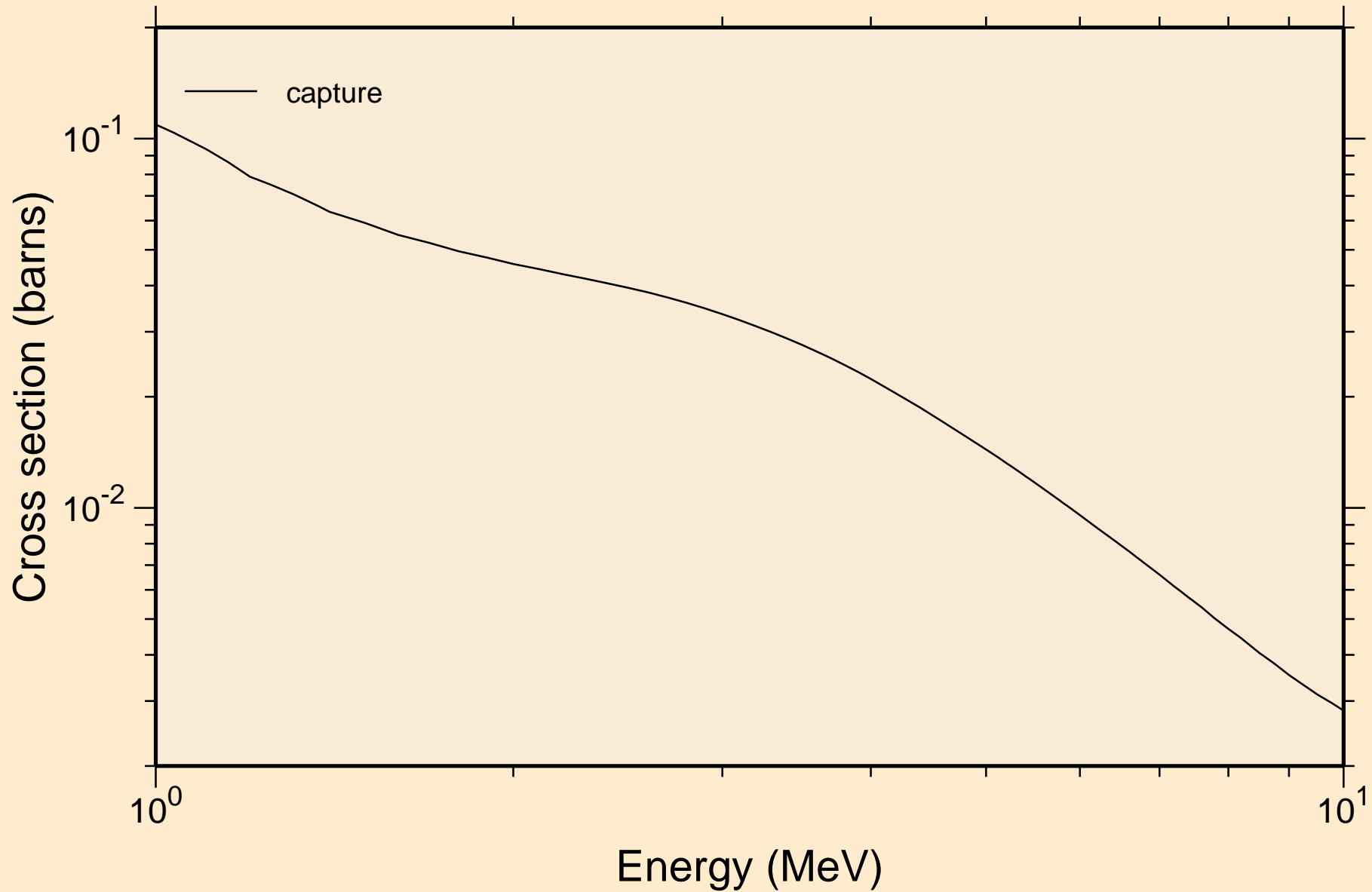
S $\bar{E}$ 073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



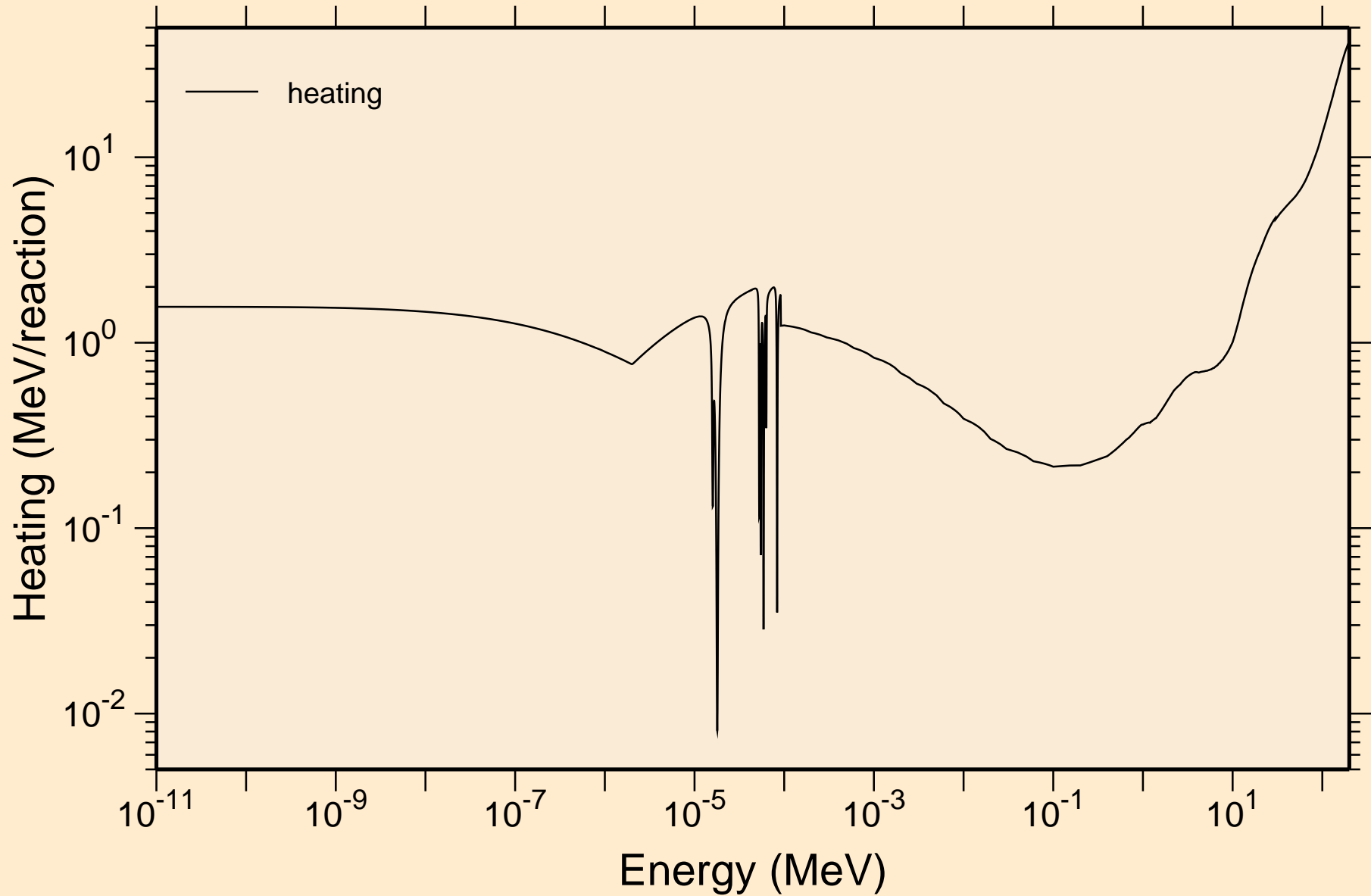
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



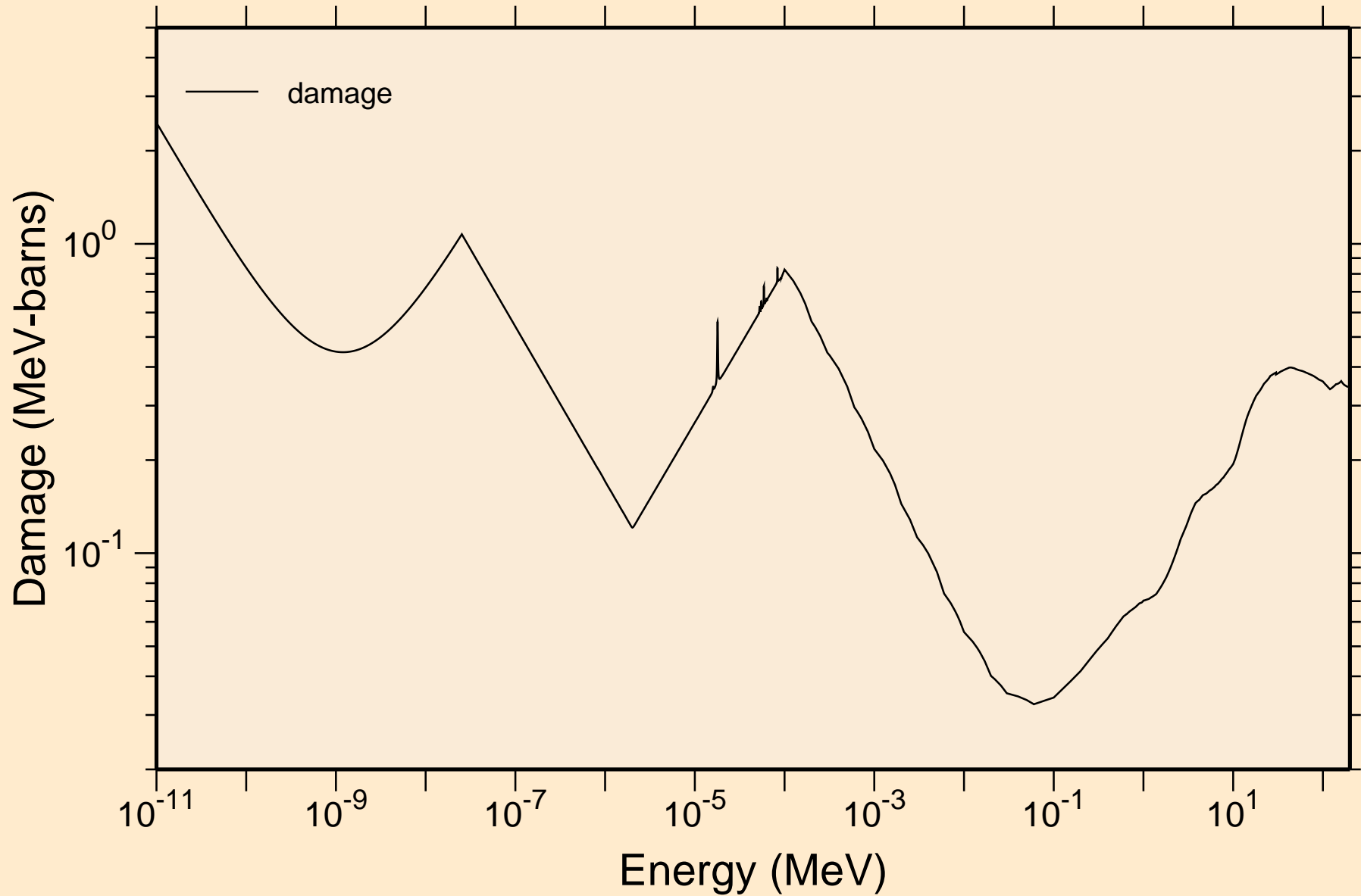
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



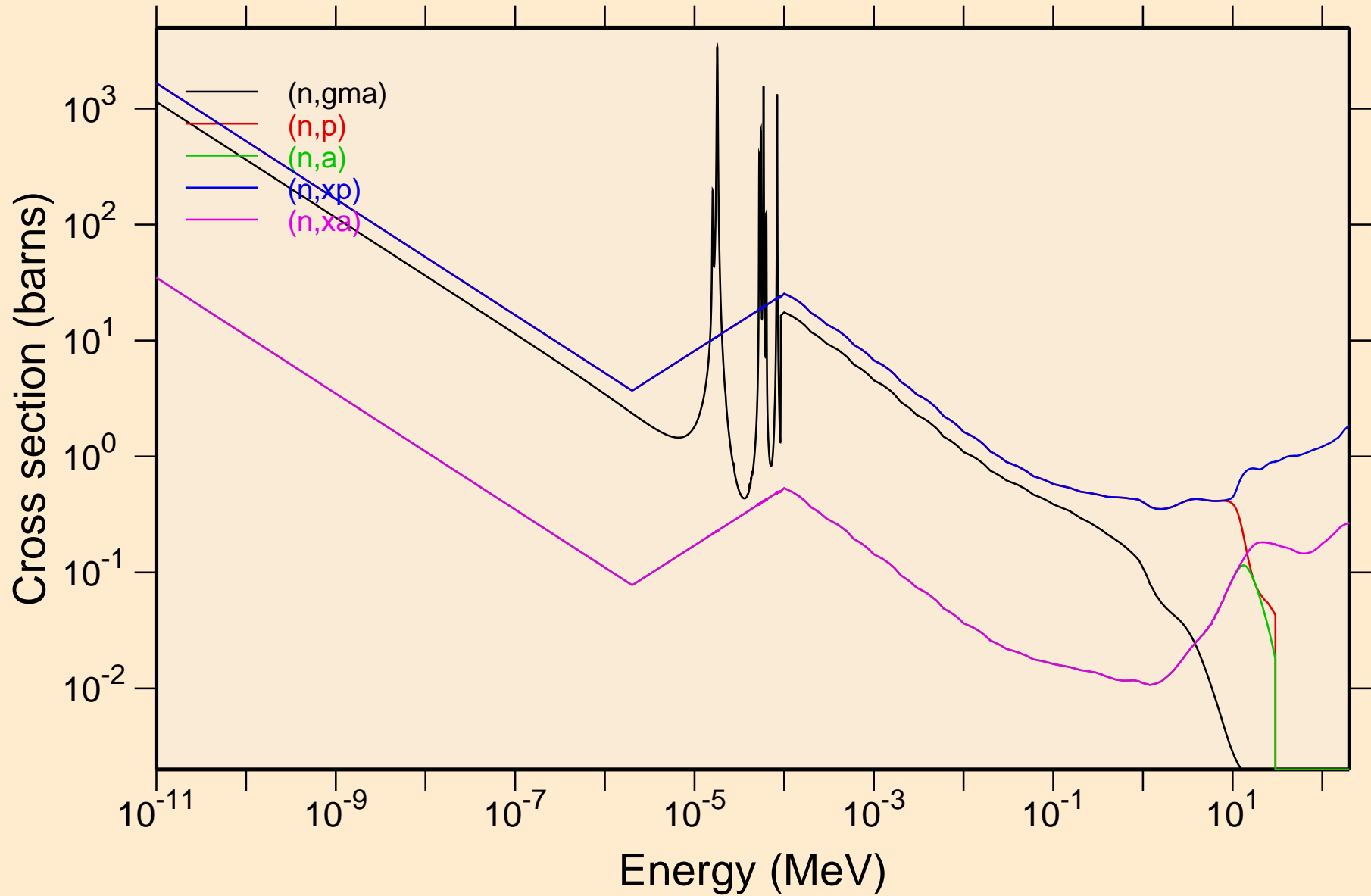
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

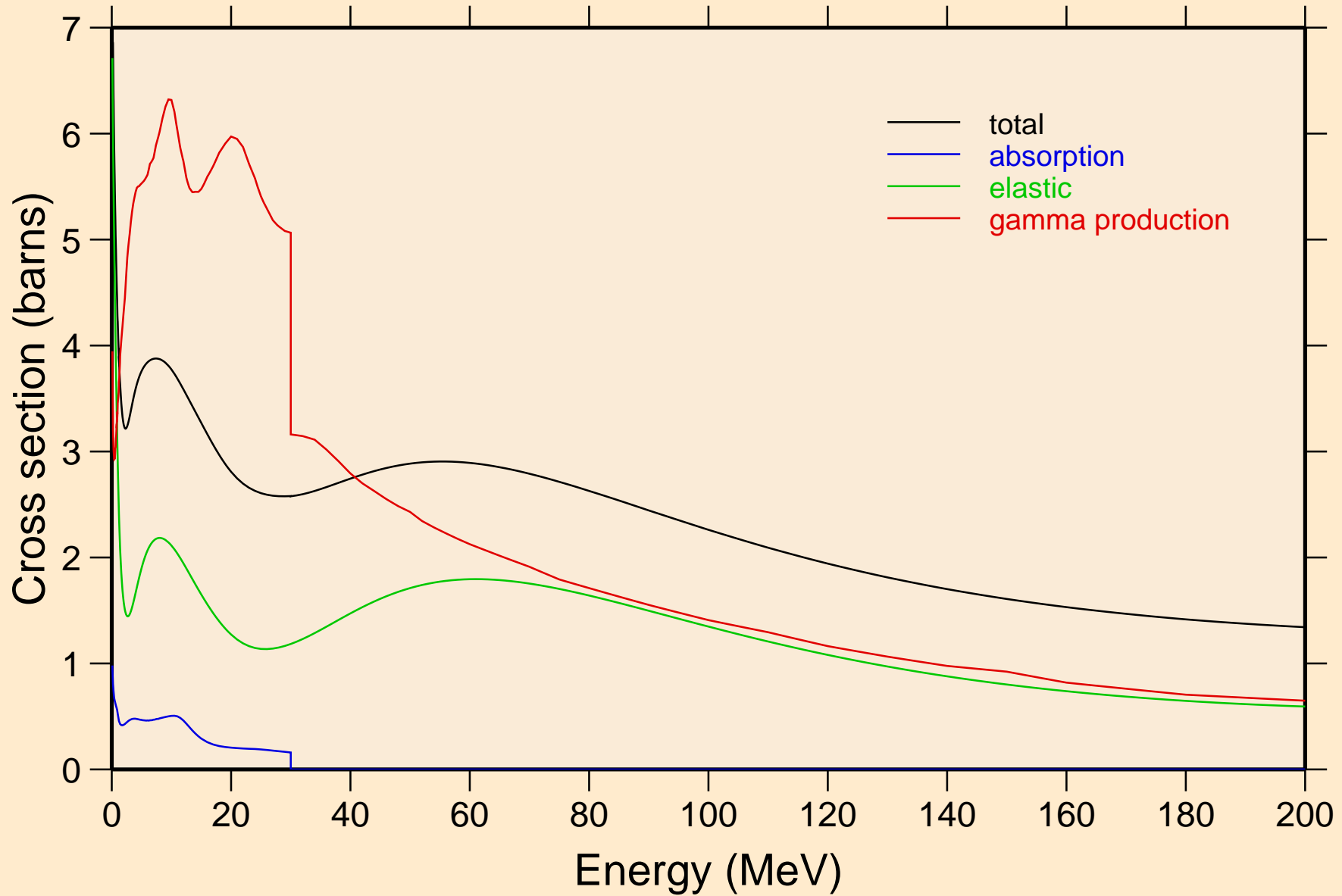


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



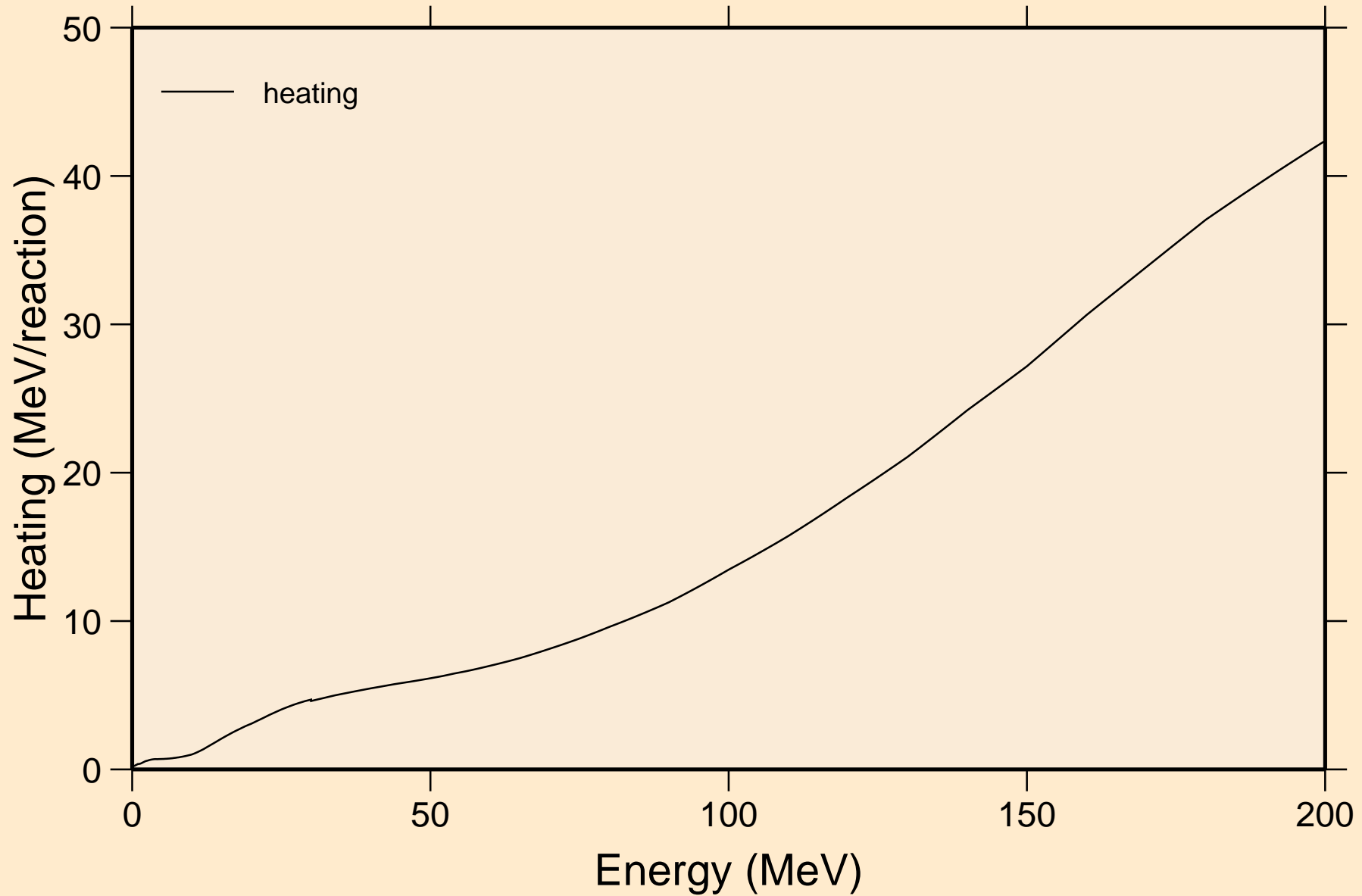


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

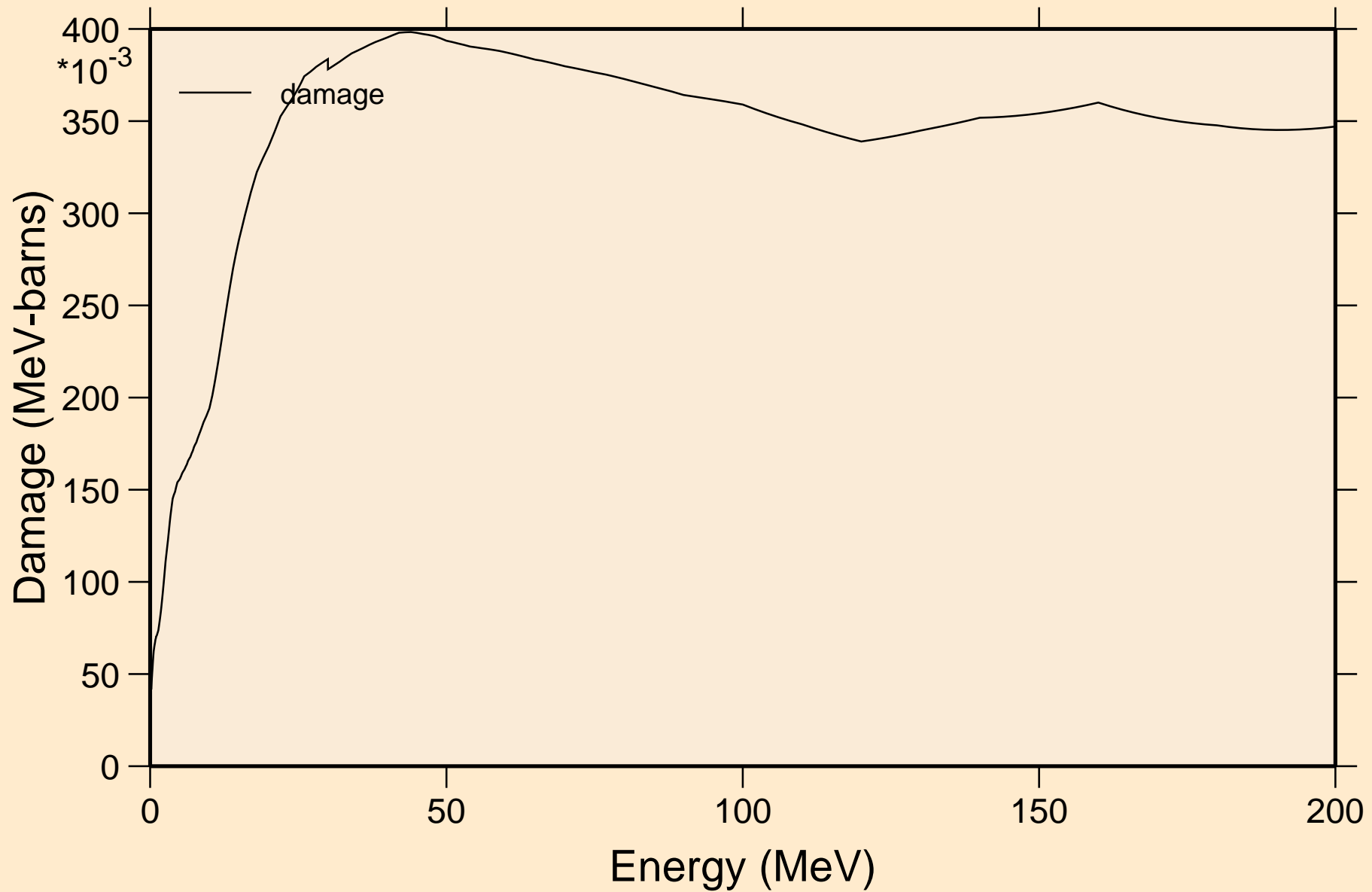


# SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

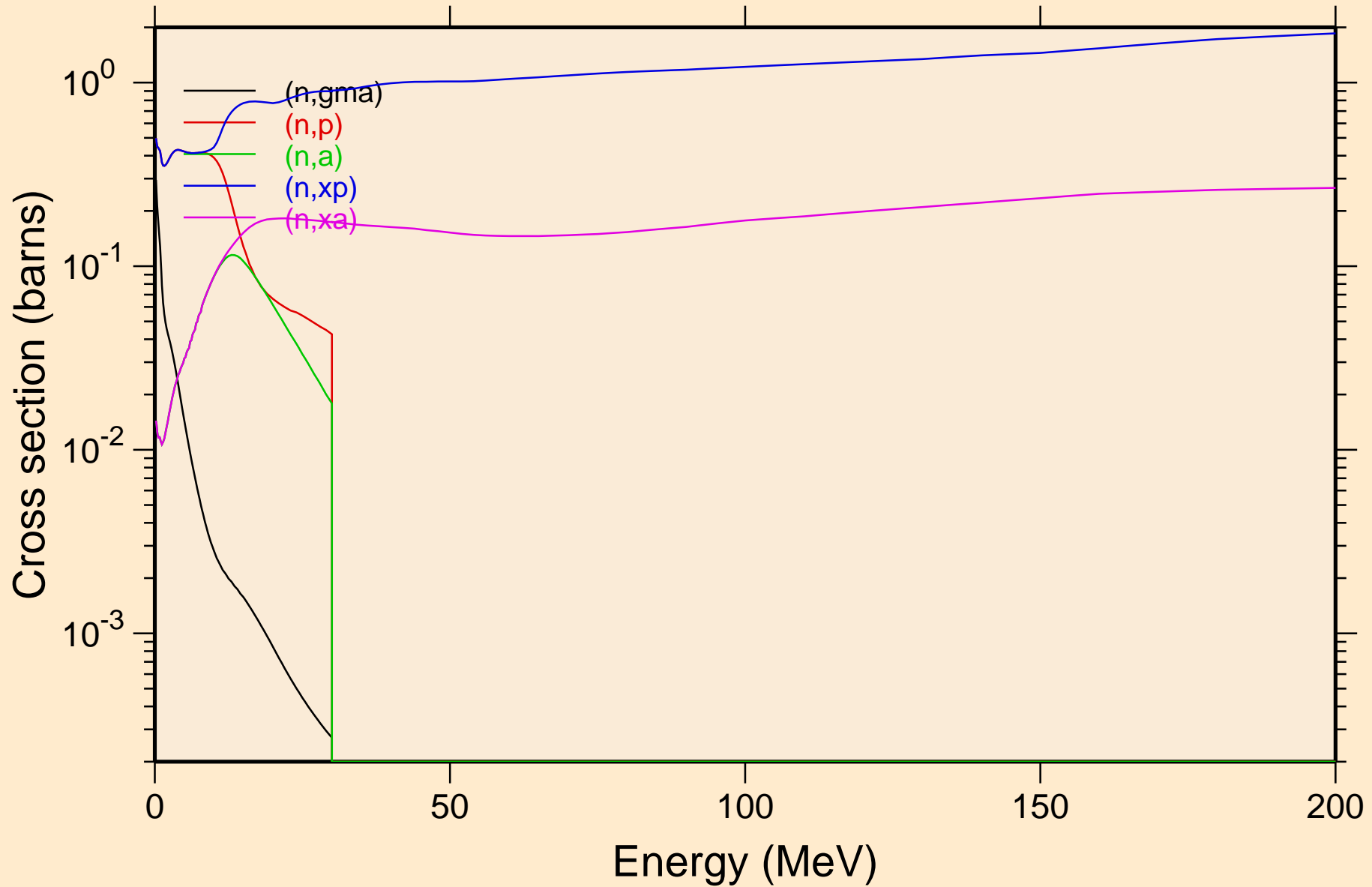
## Heating



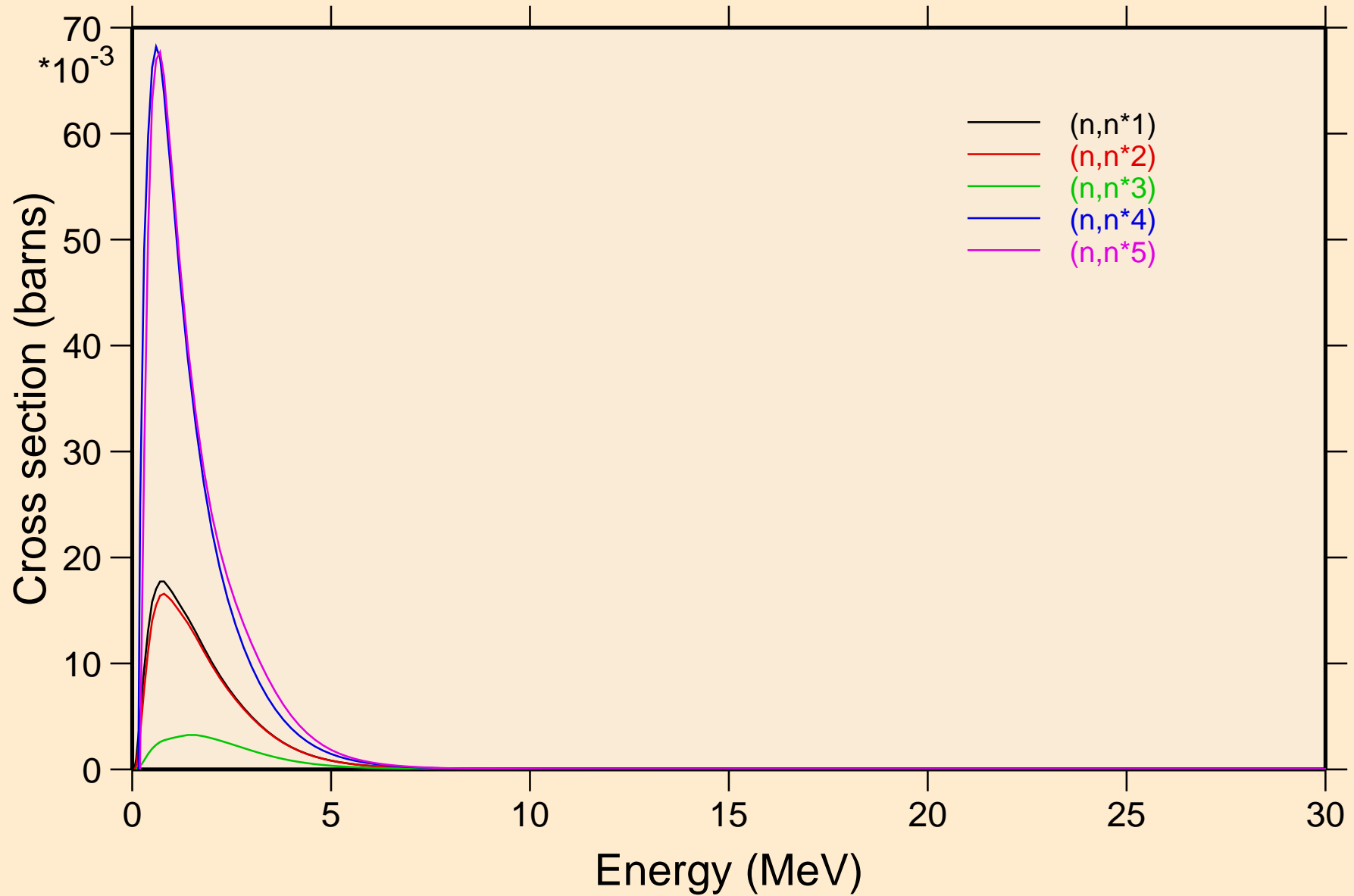
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



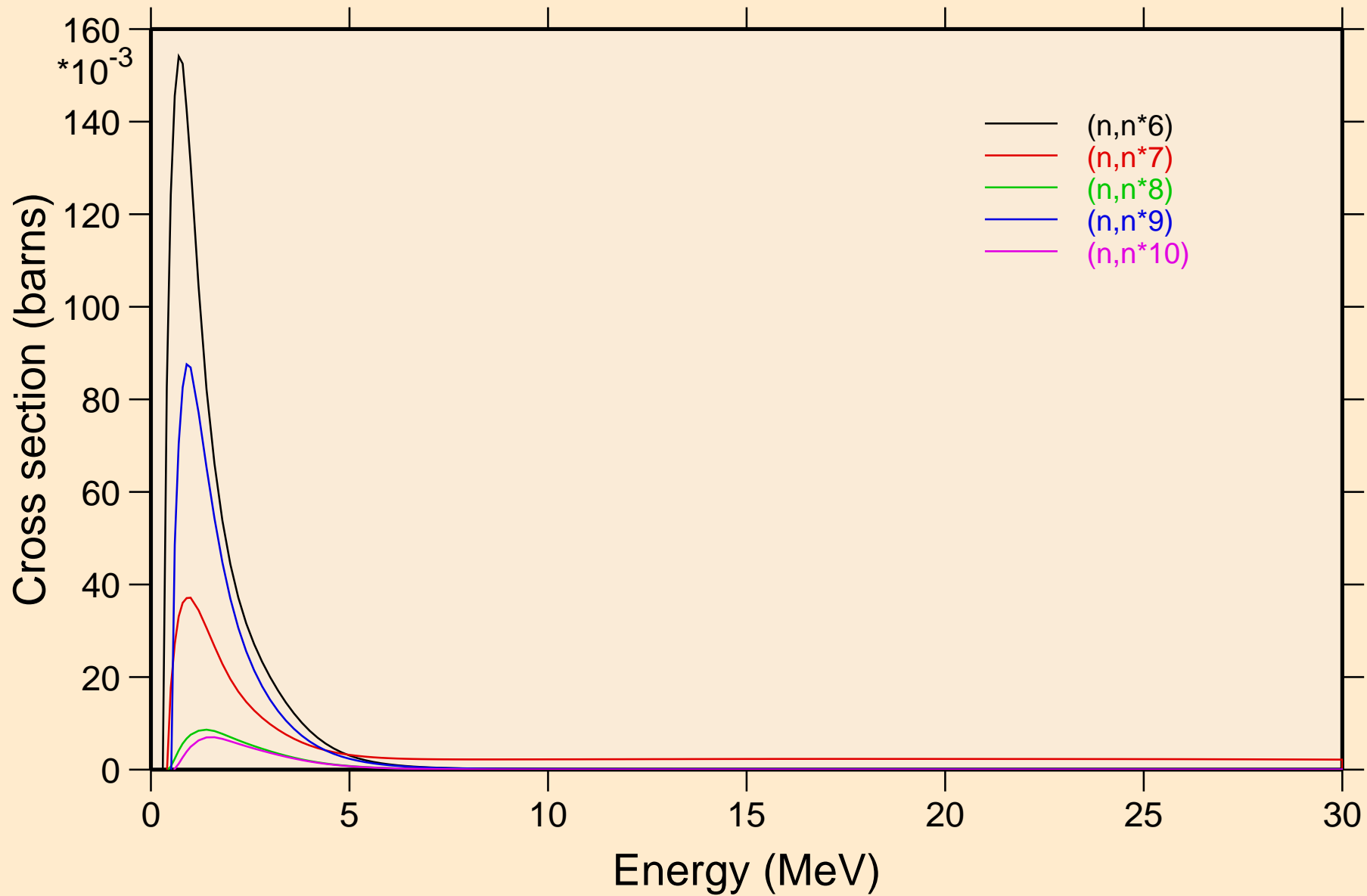
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



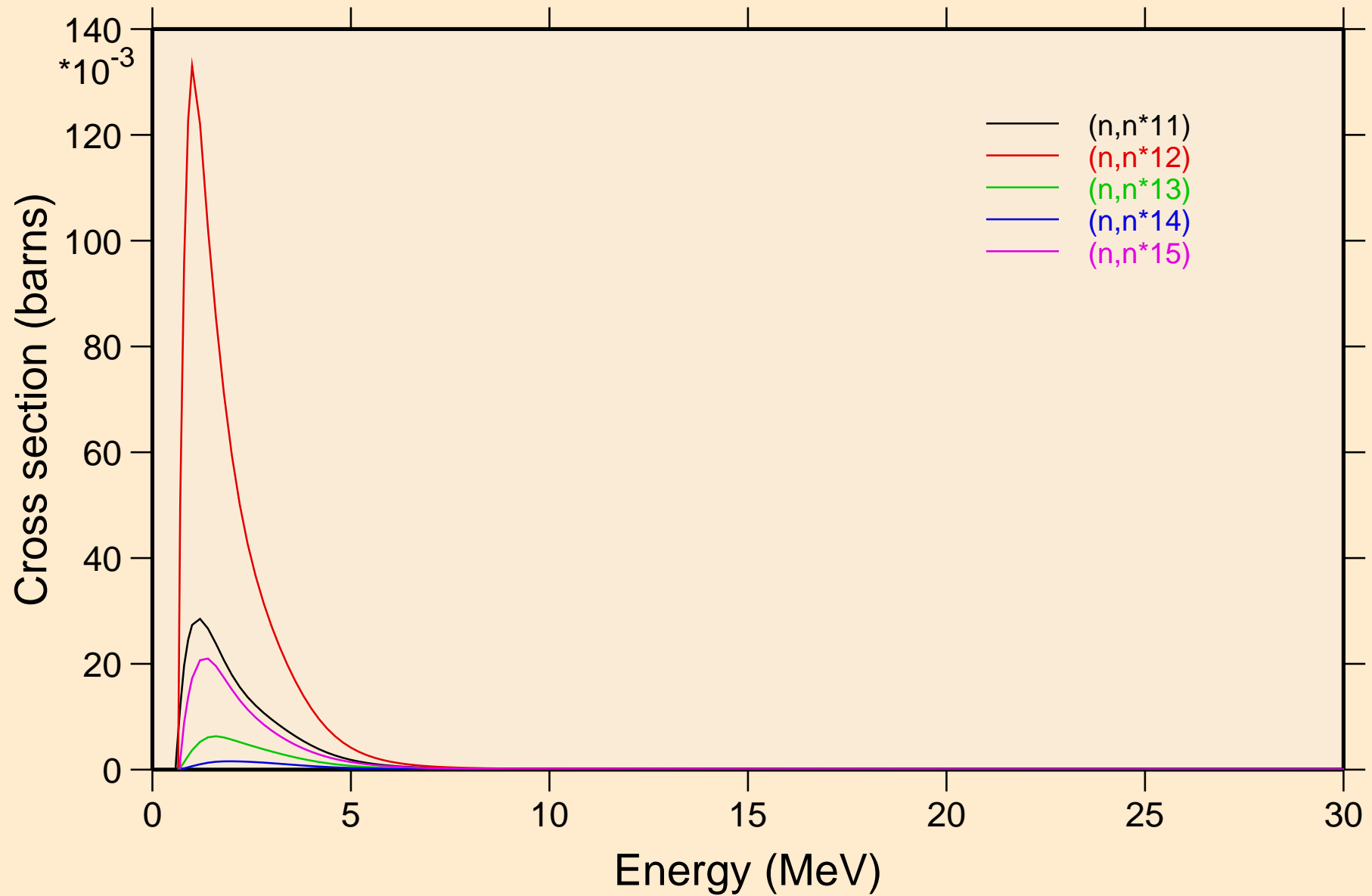
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



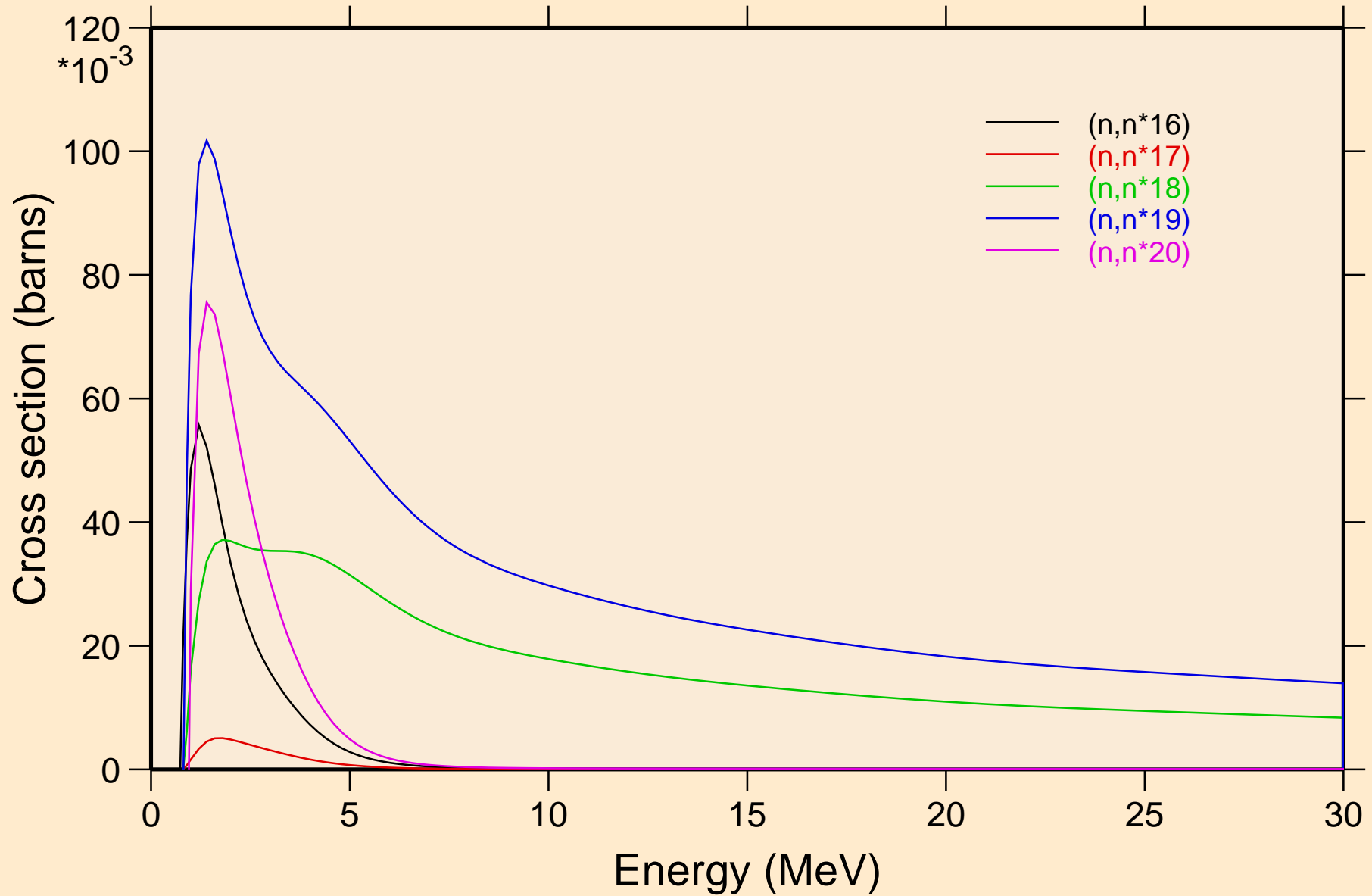
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

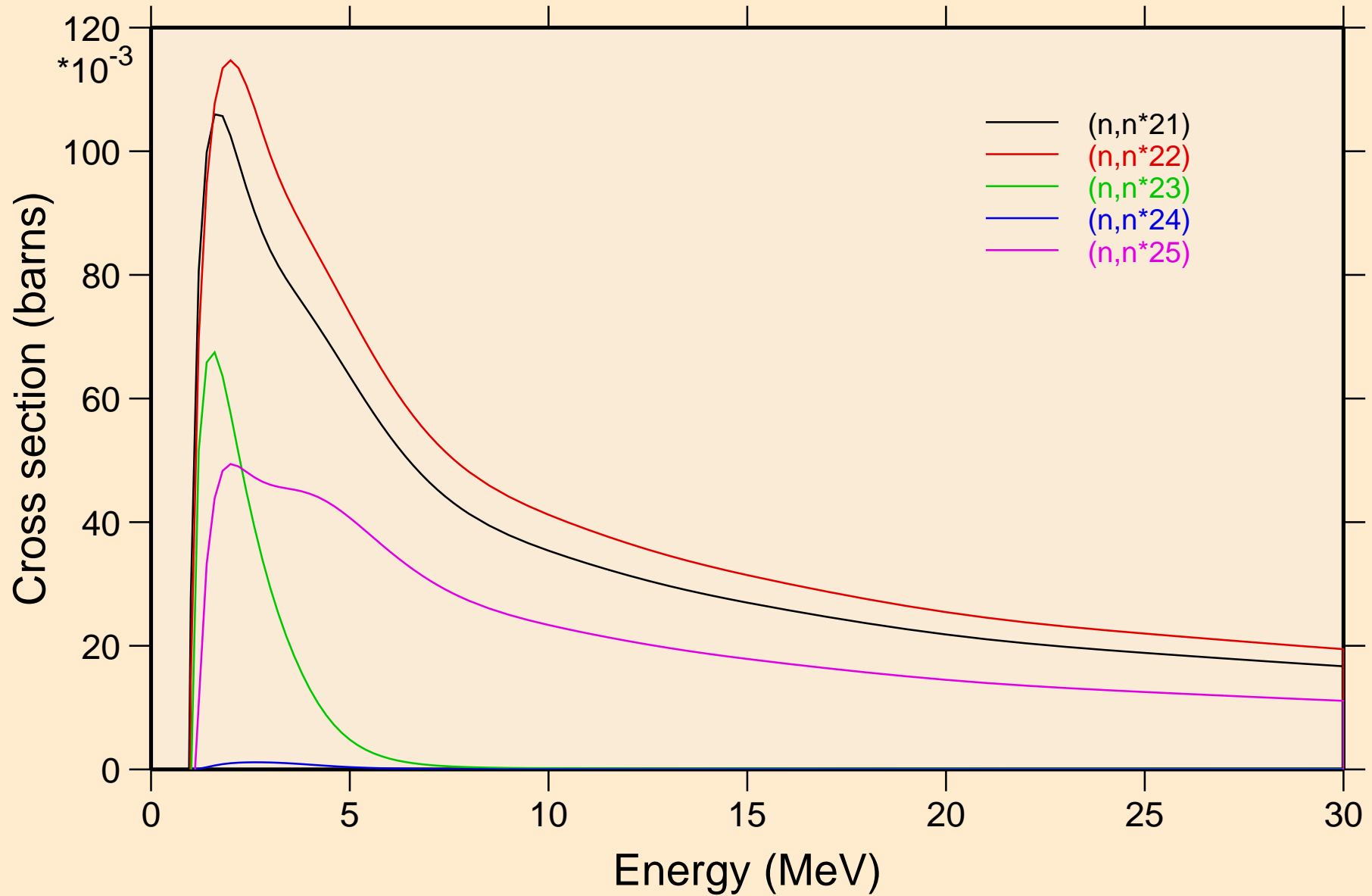


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

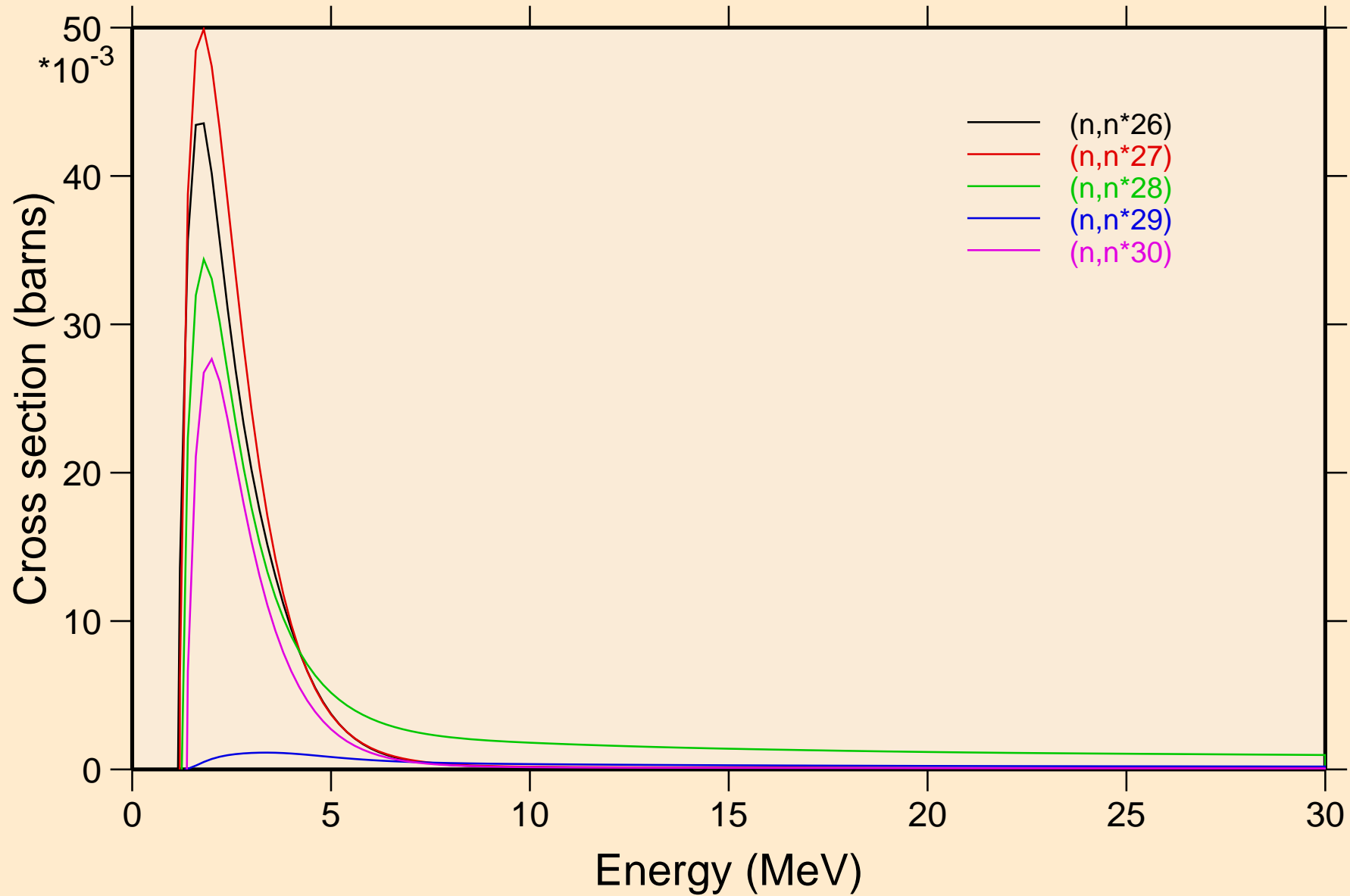




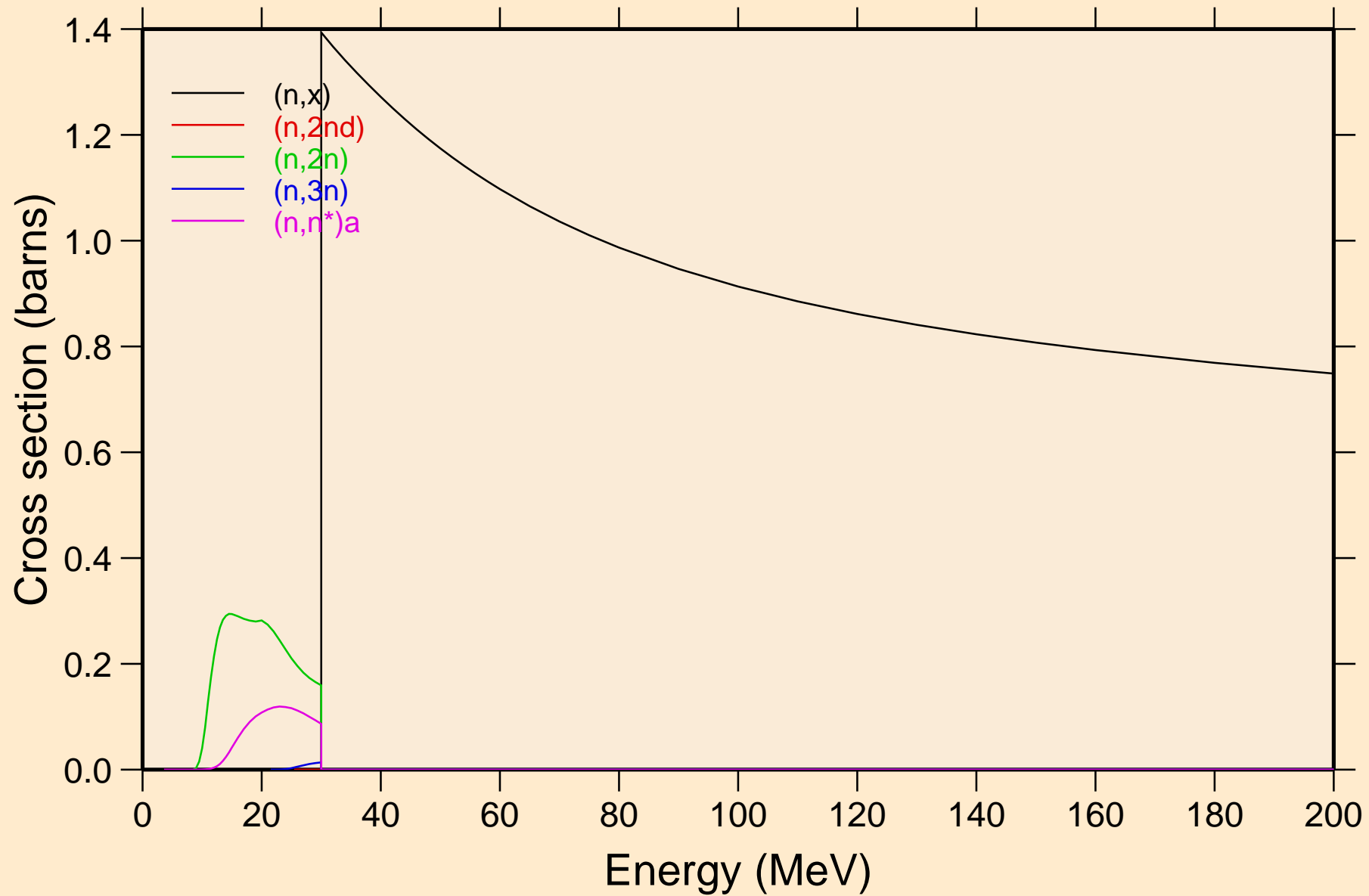
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



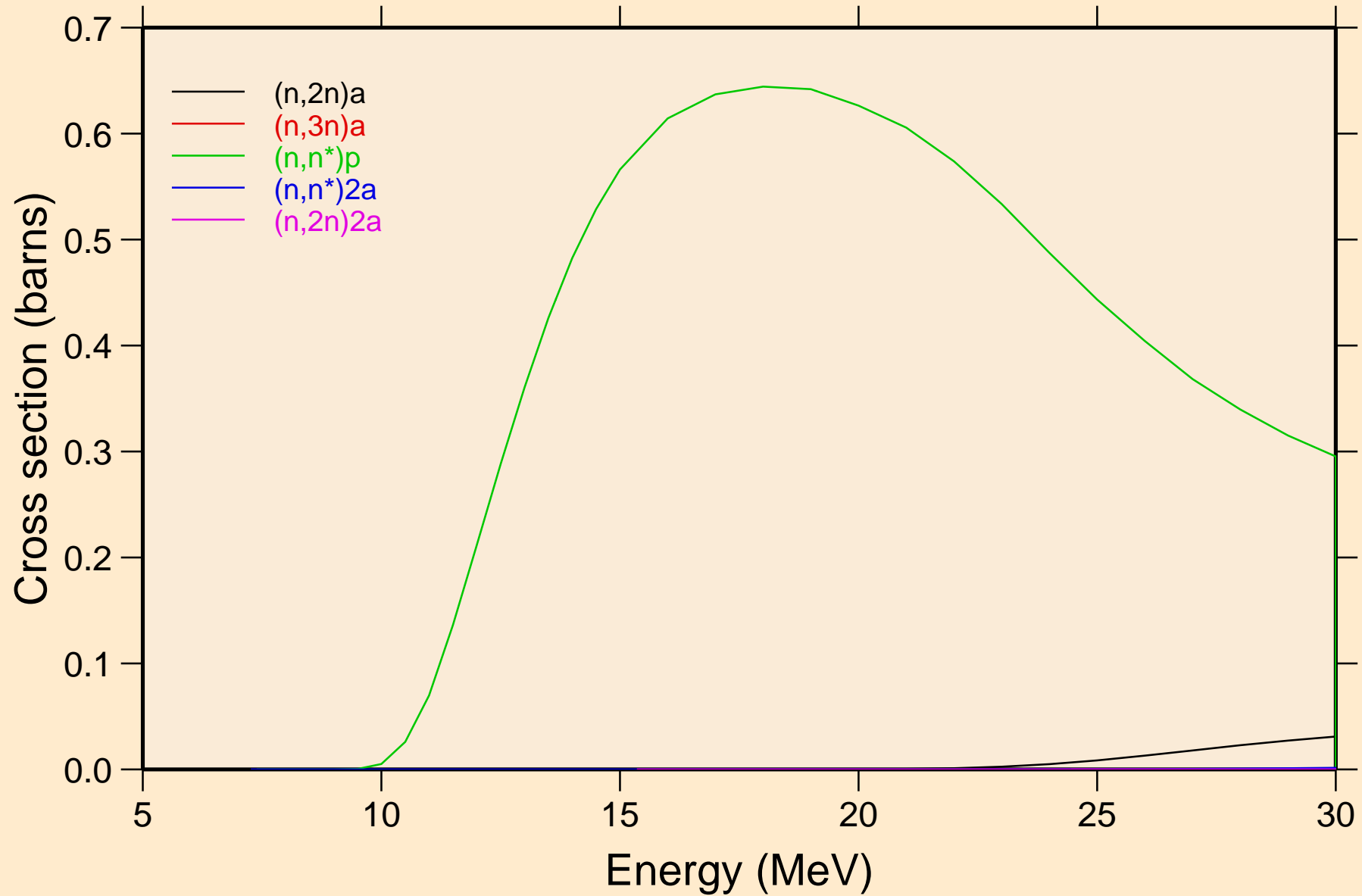
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

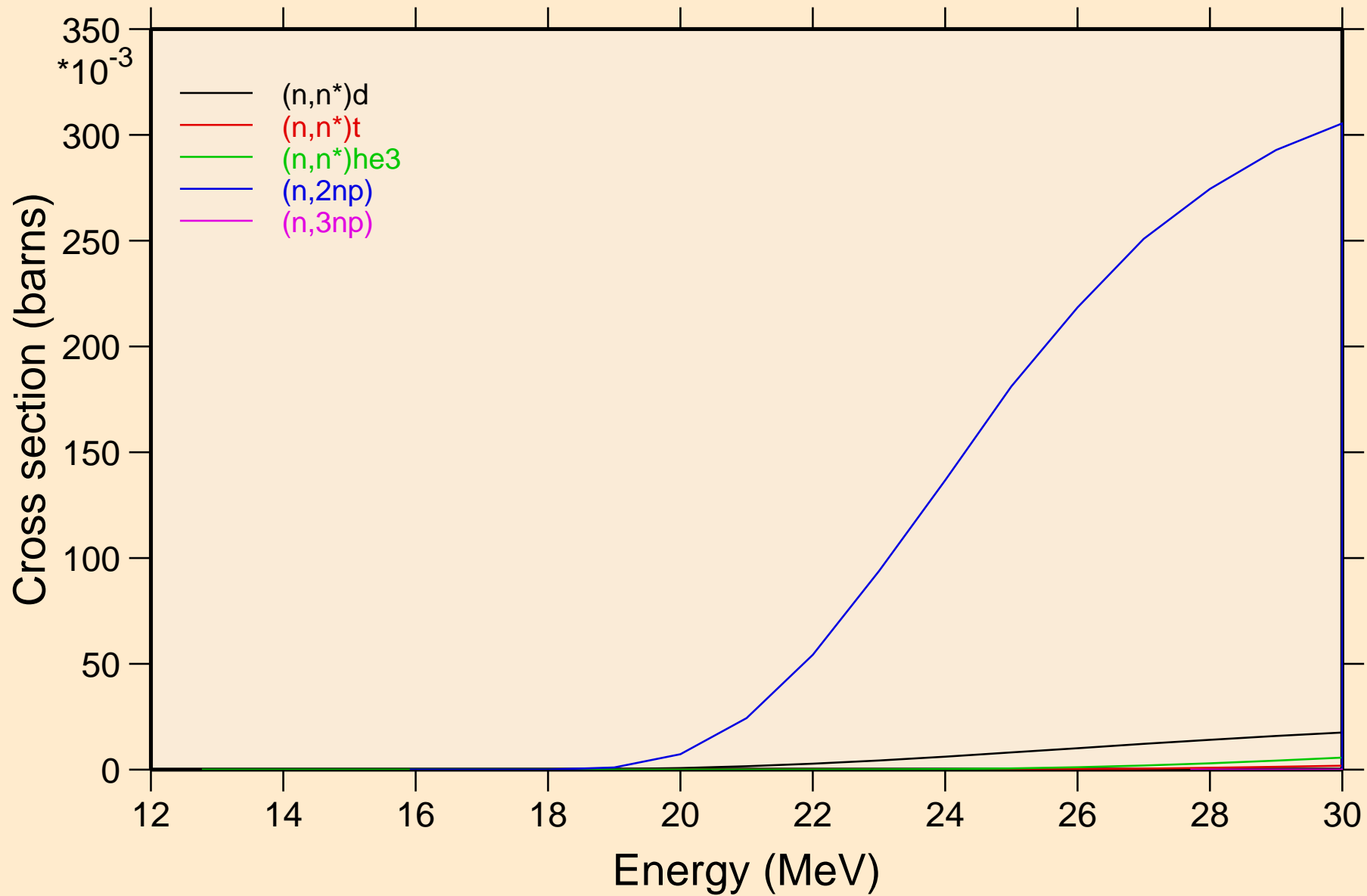


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

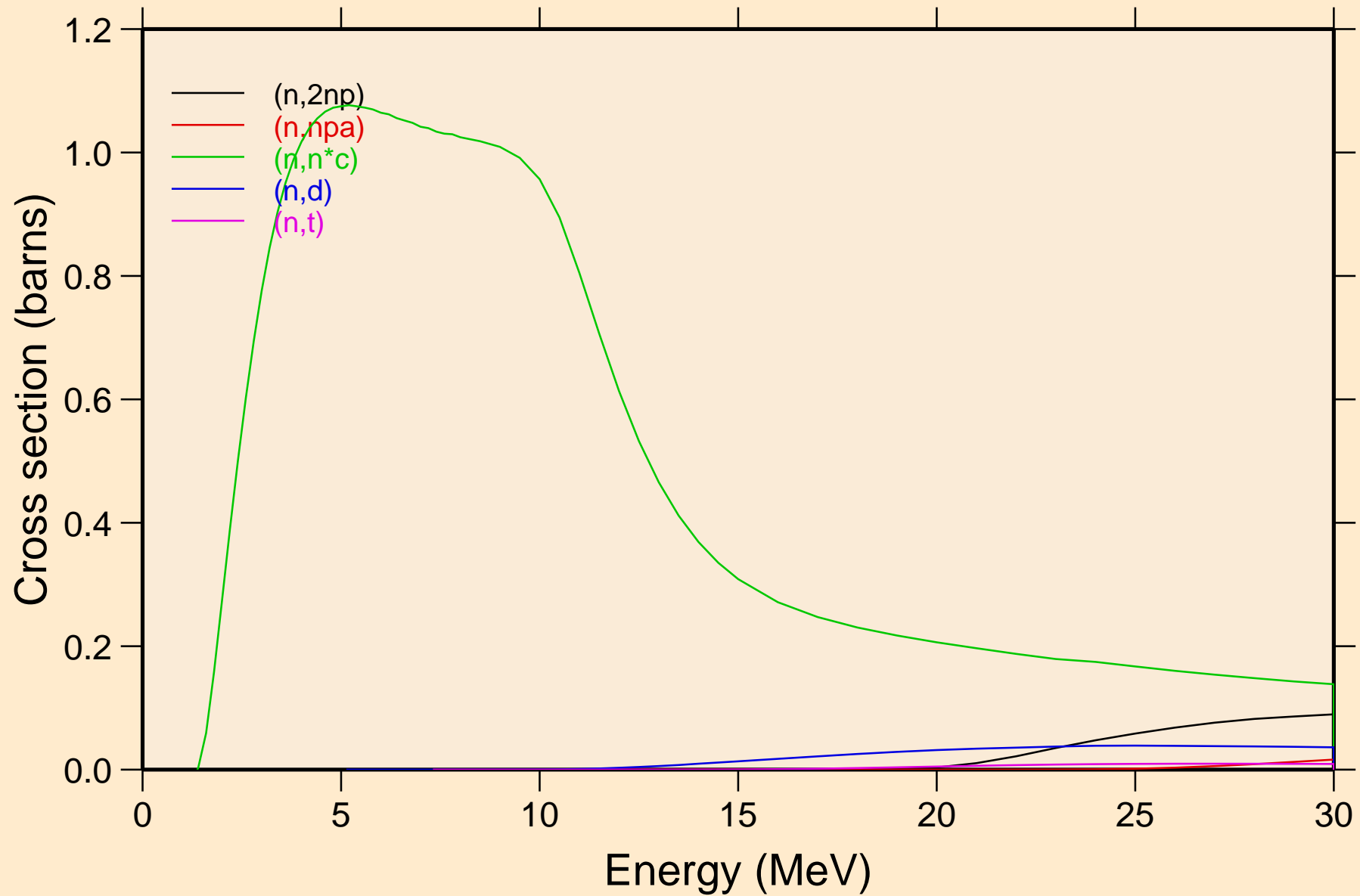


# SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

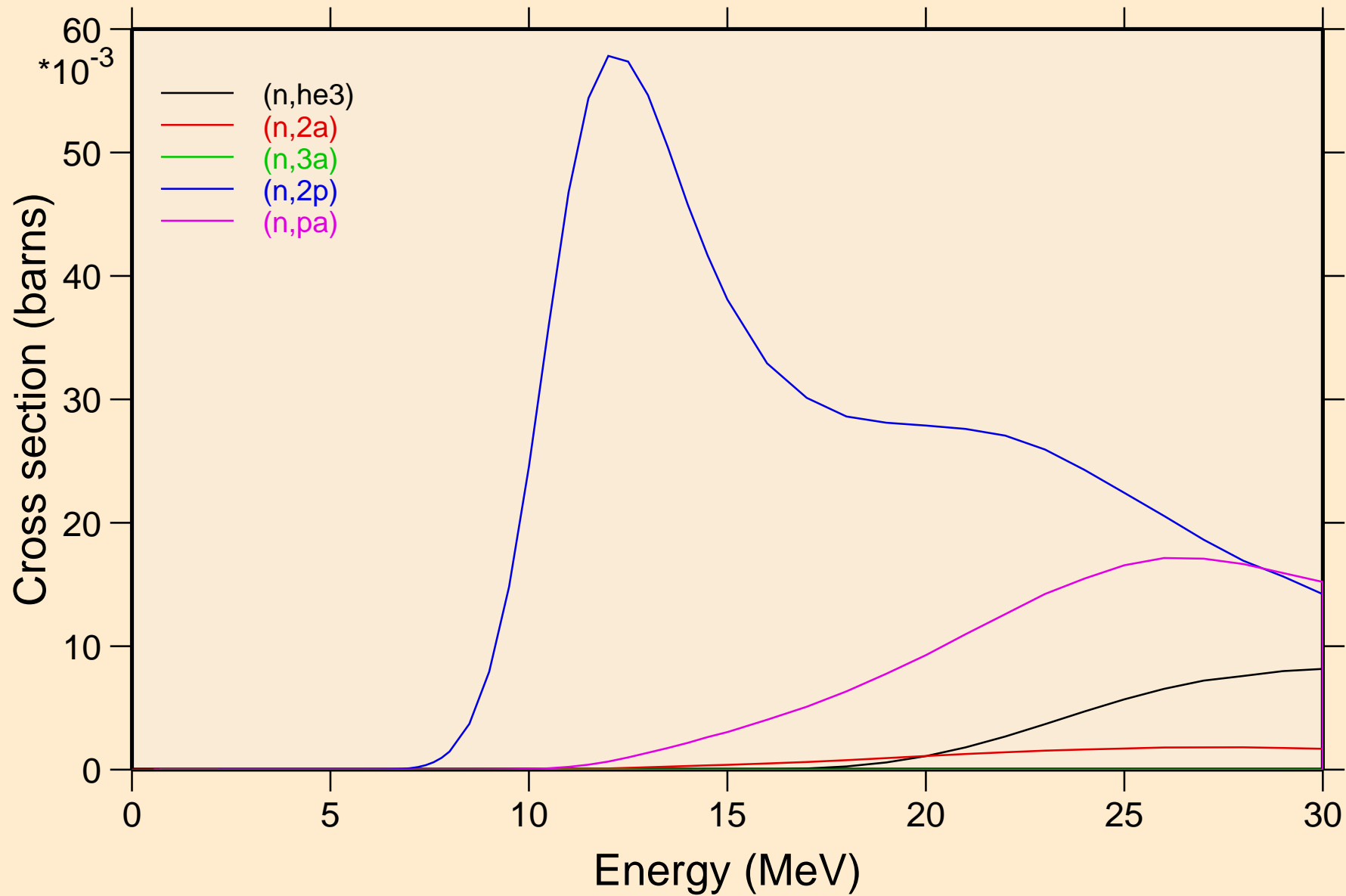


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

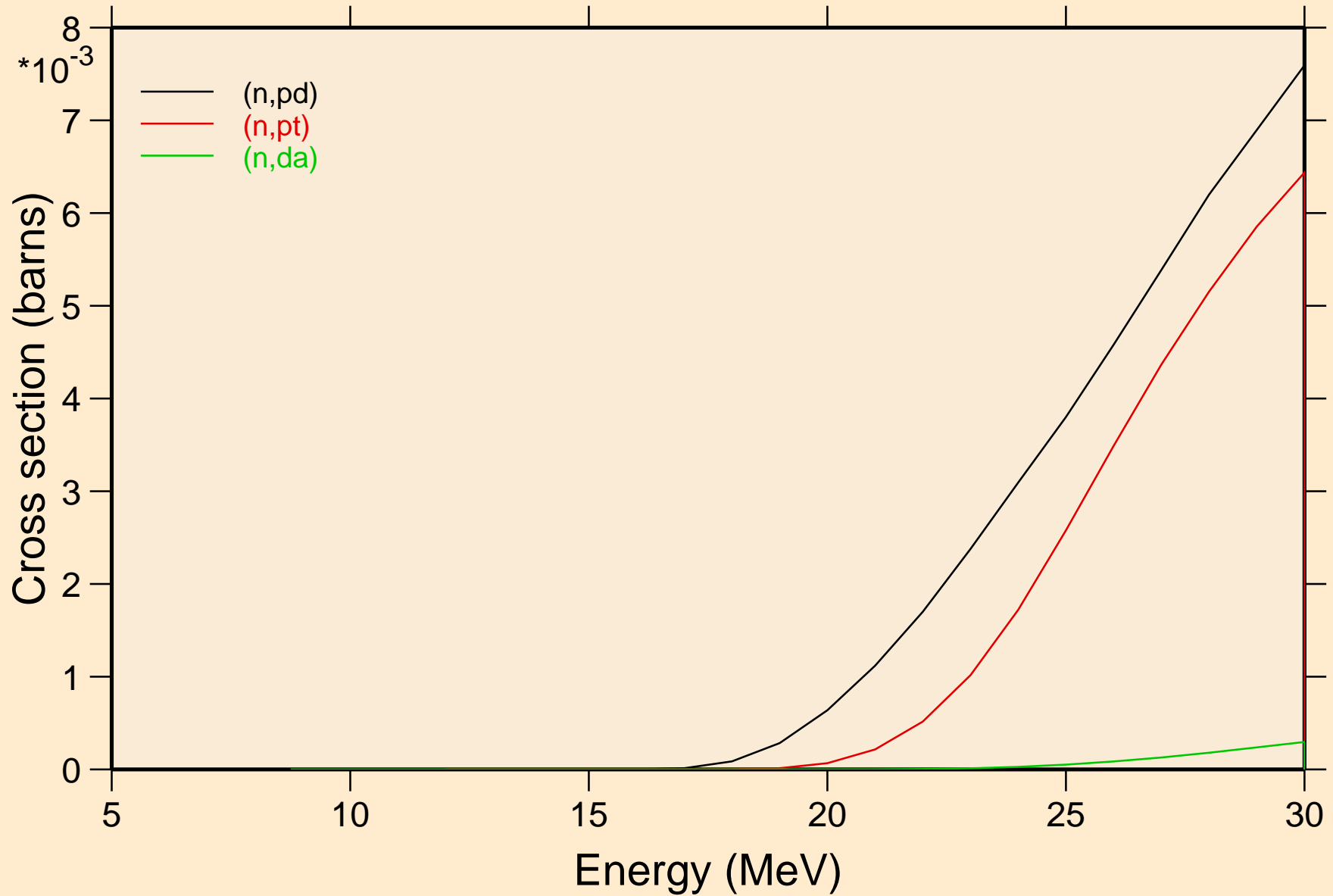


# SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



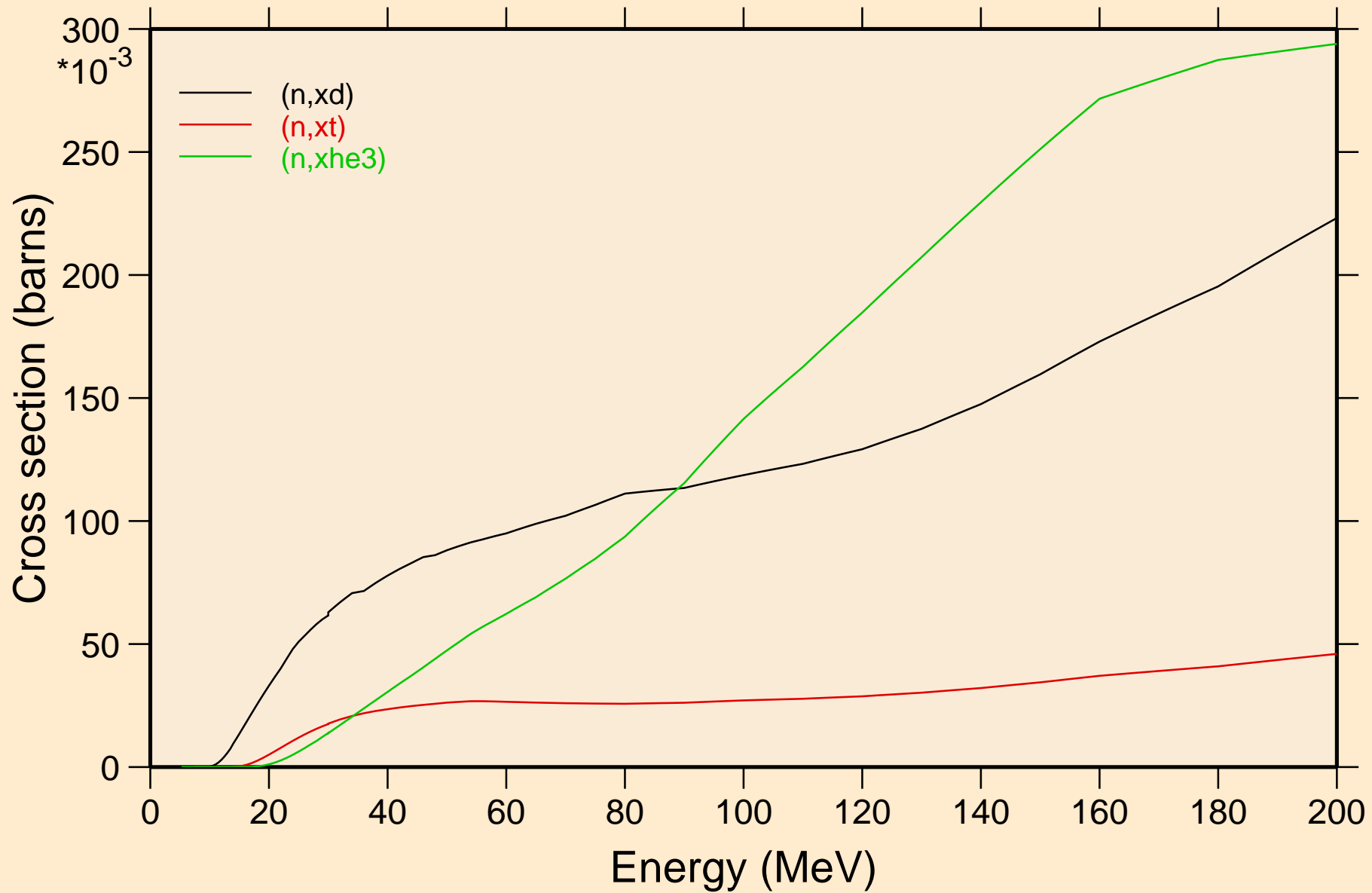
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



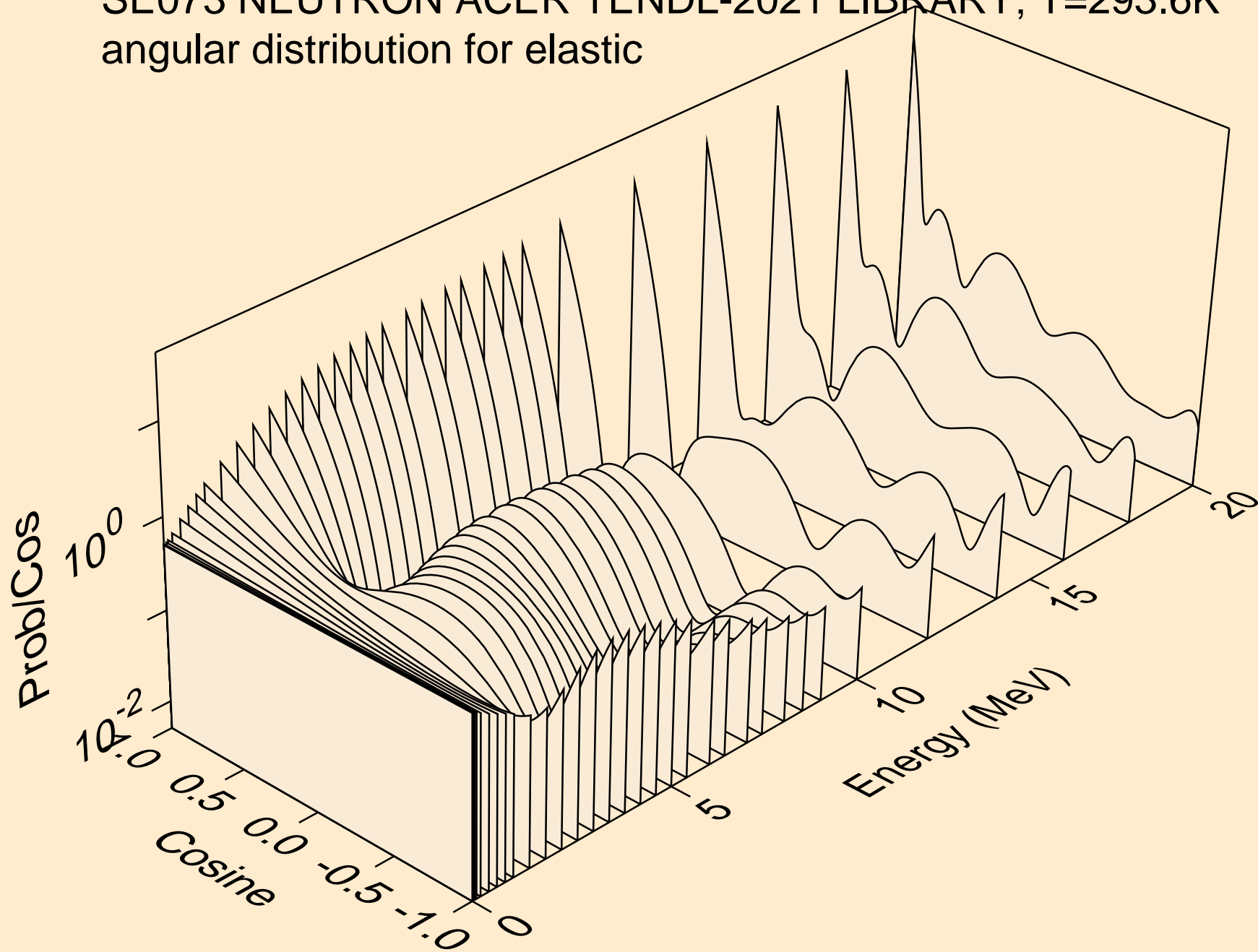


# SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

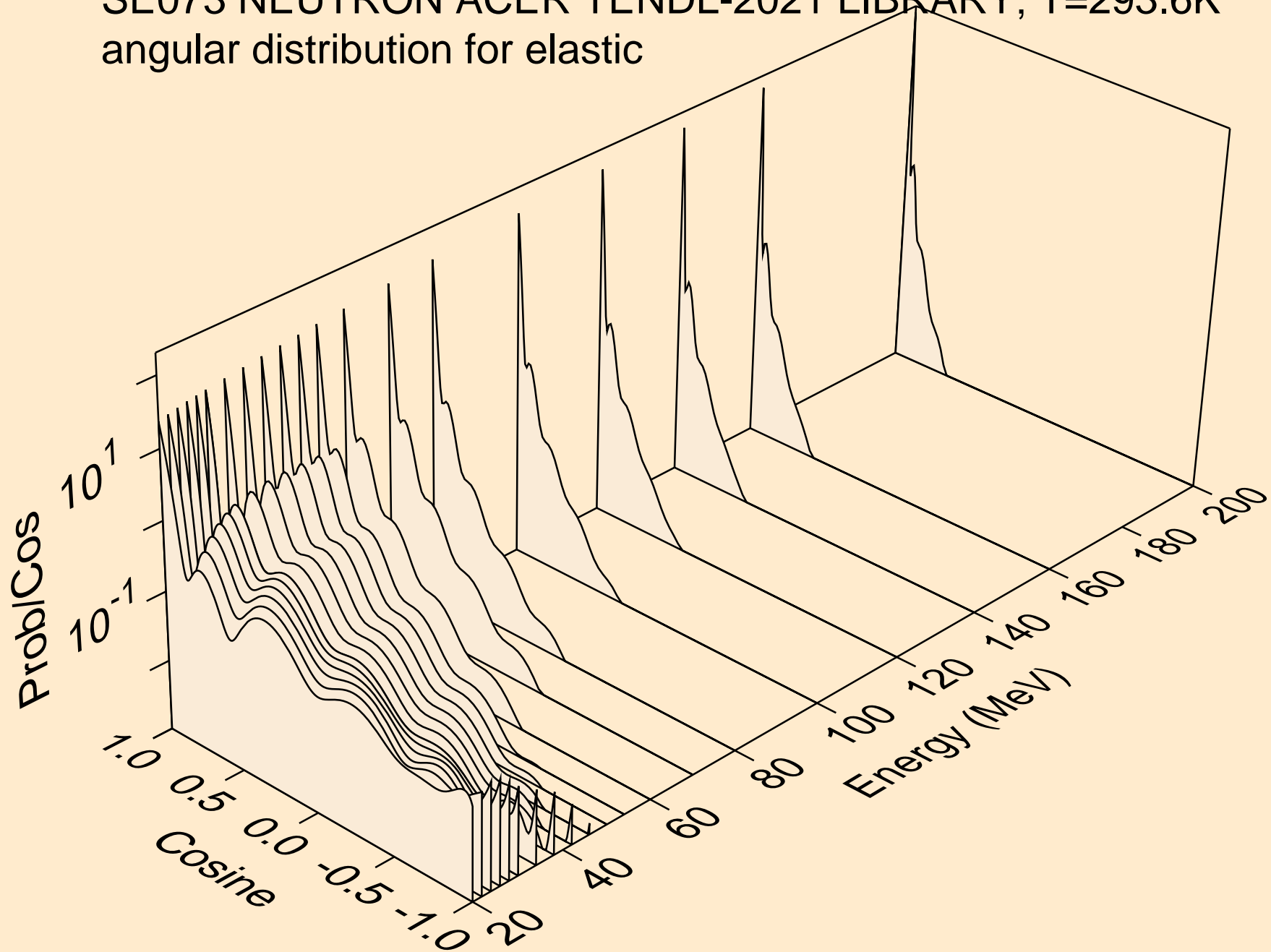
## Threshold reactions



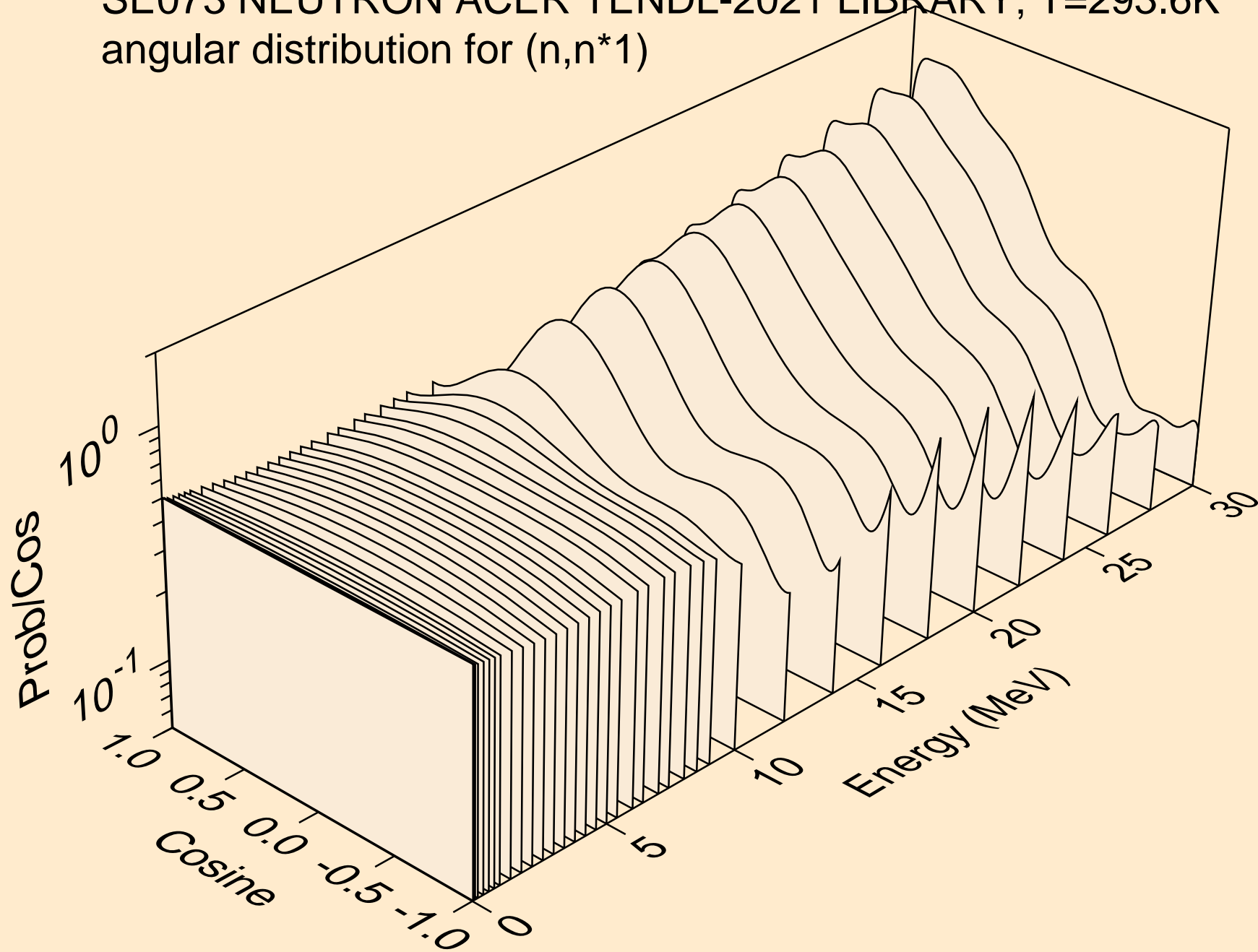
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



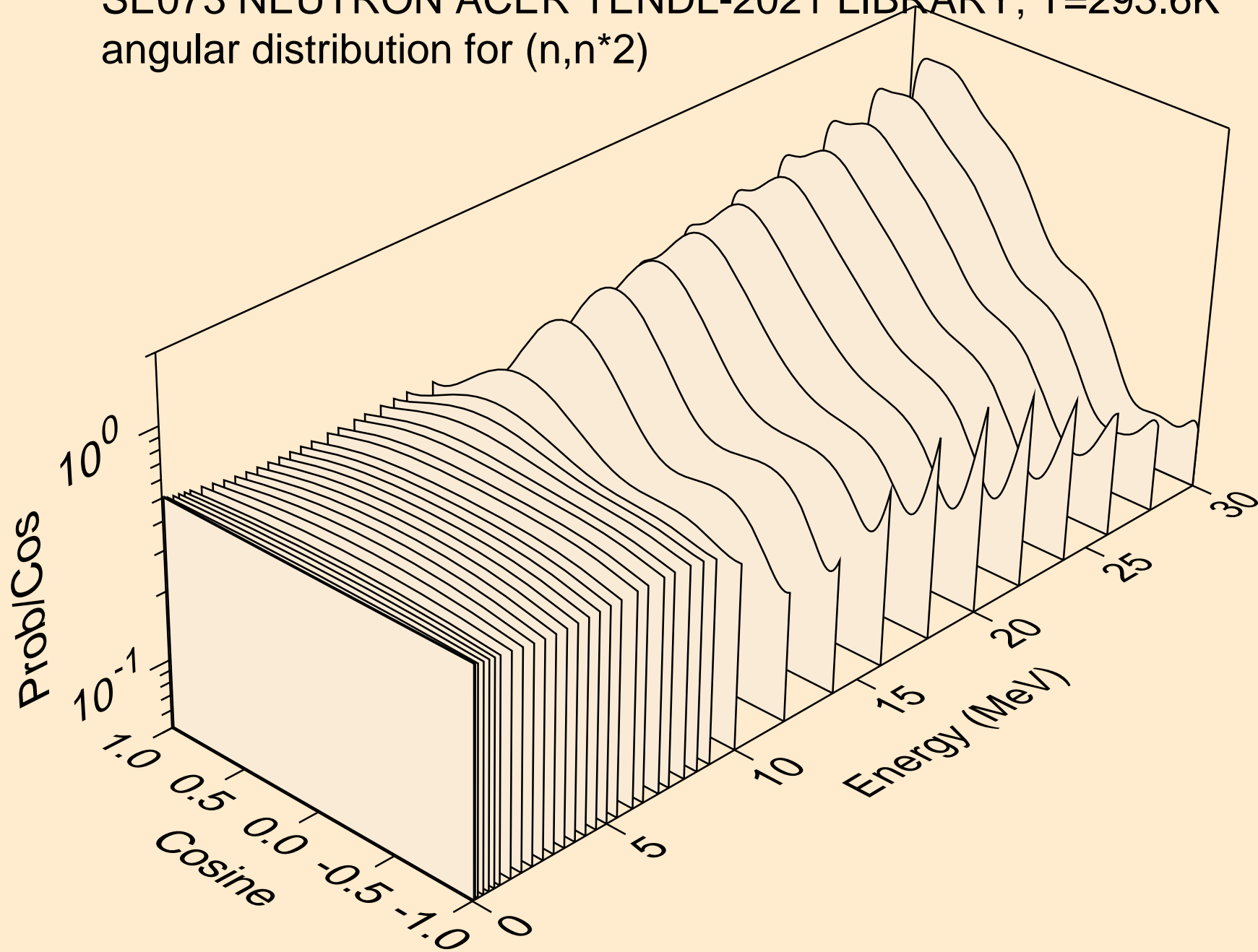
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



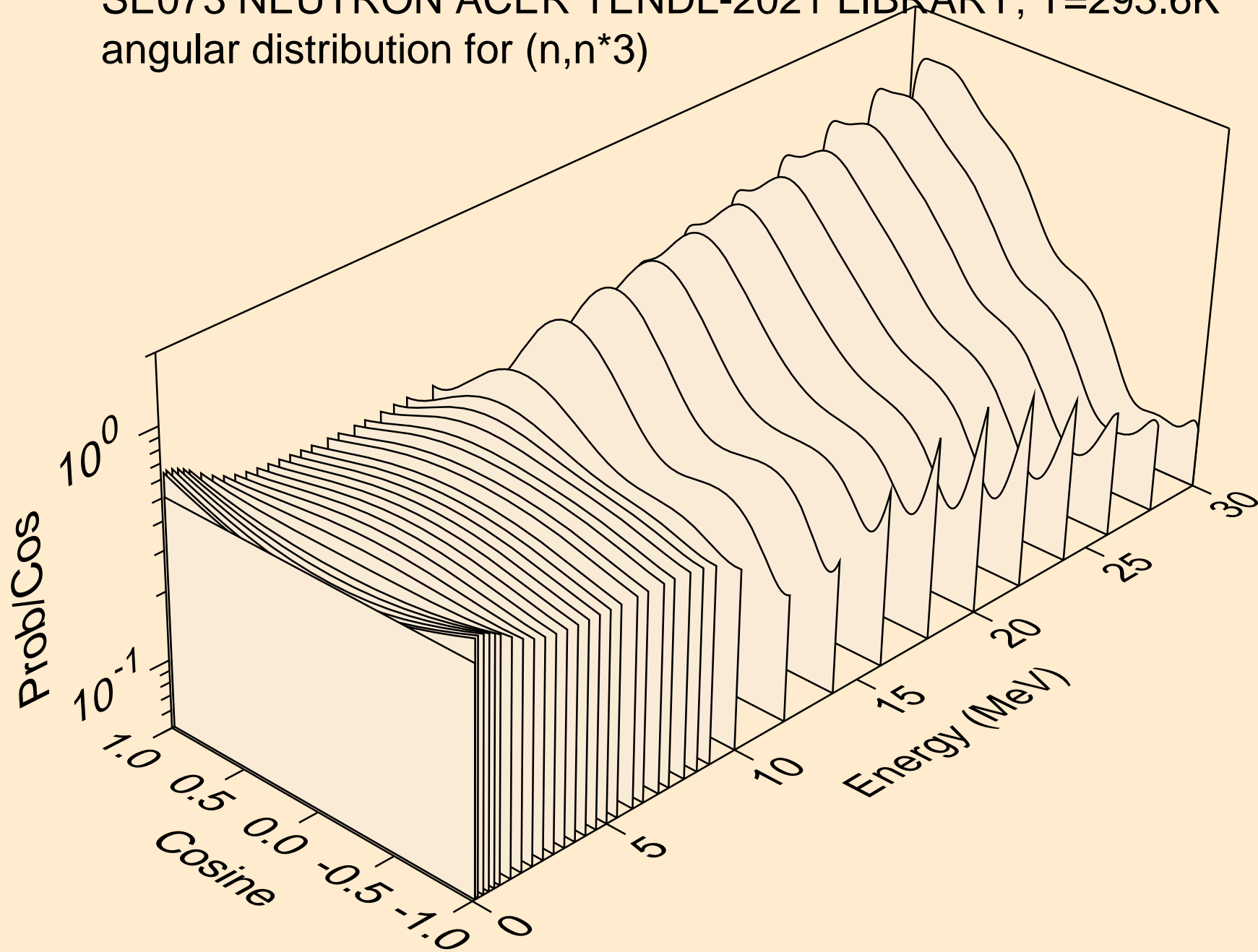
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



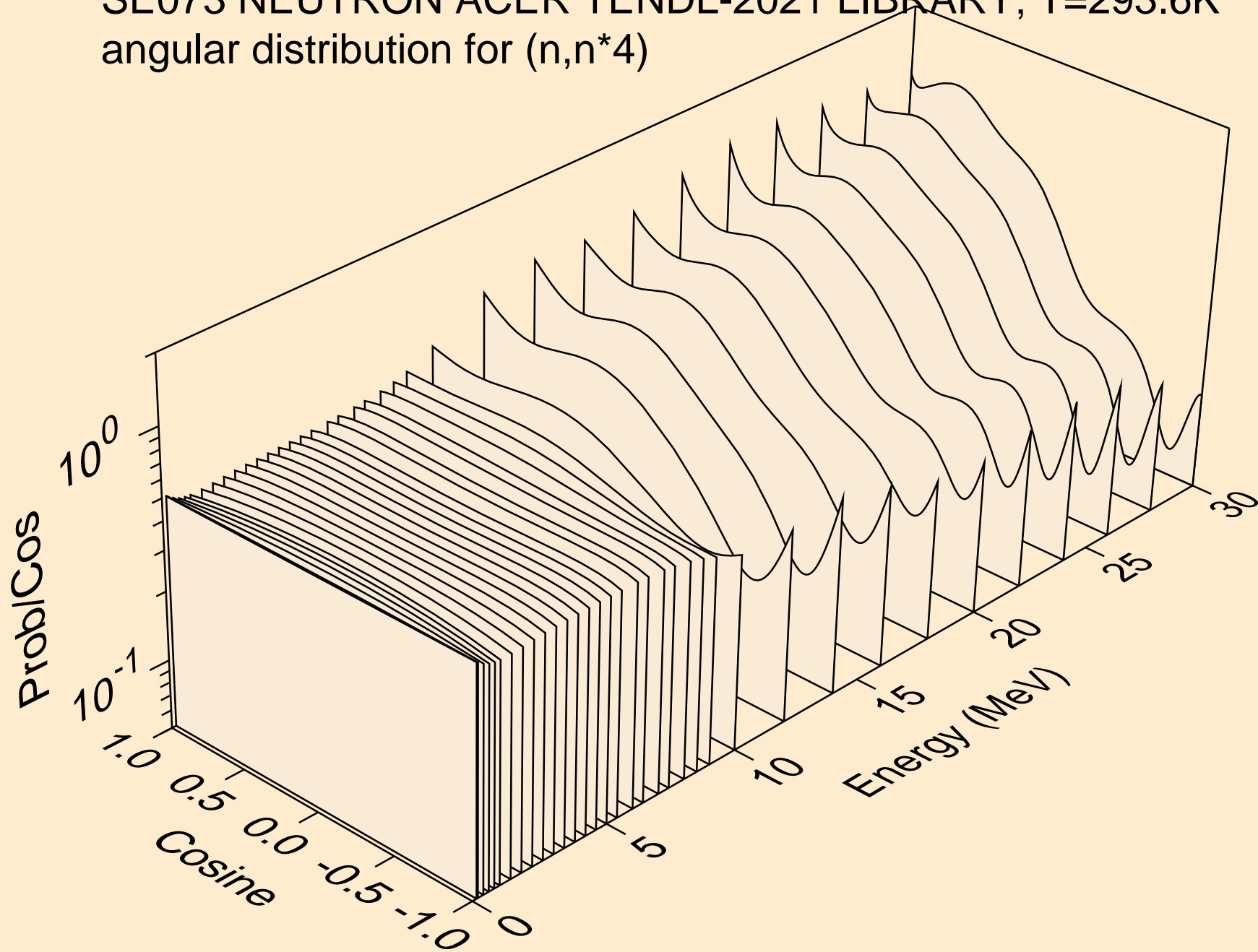
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



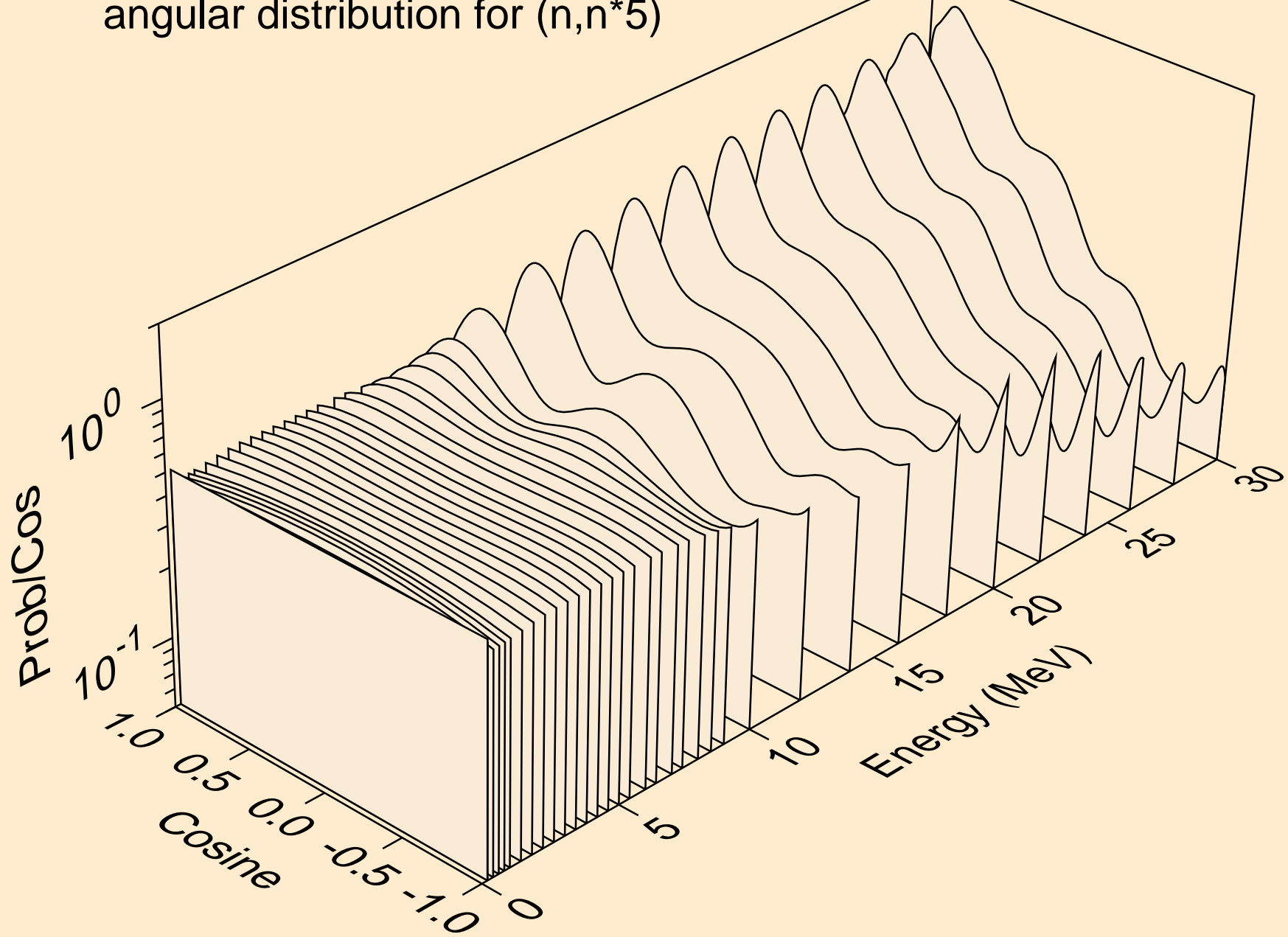
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

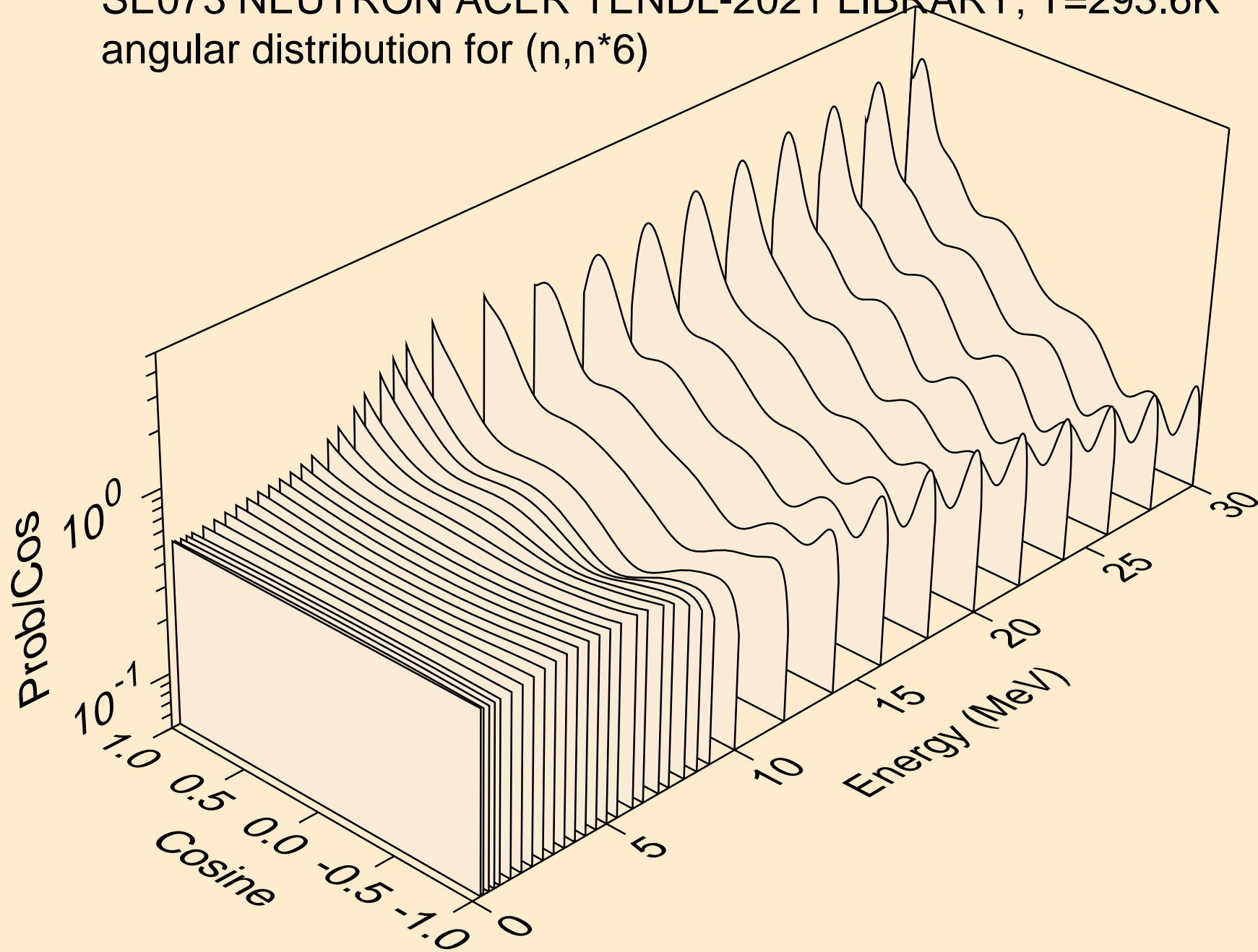


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

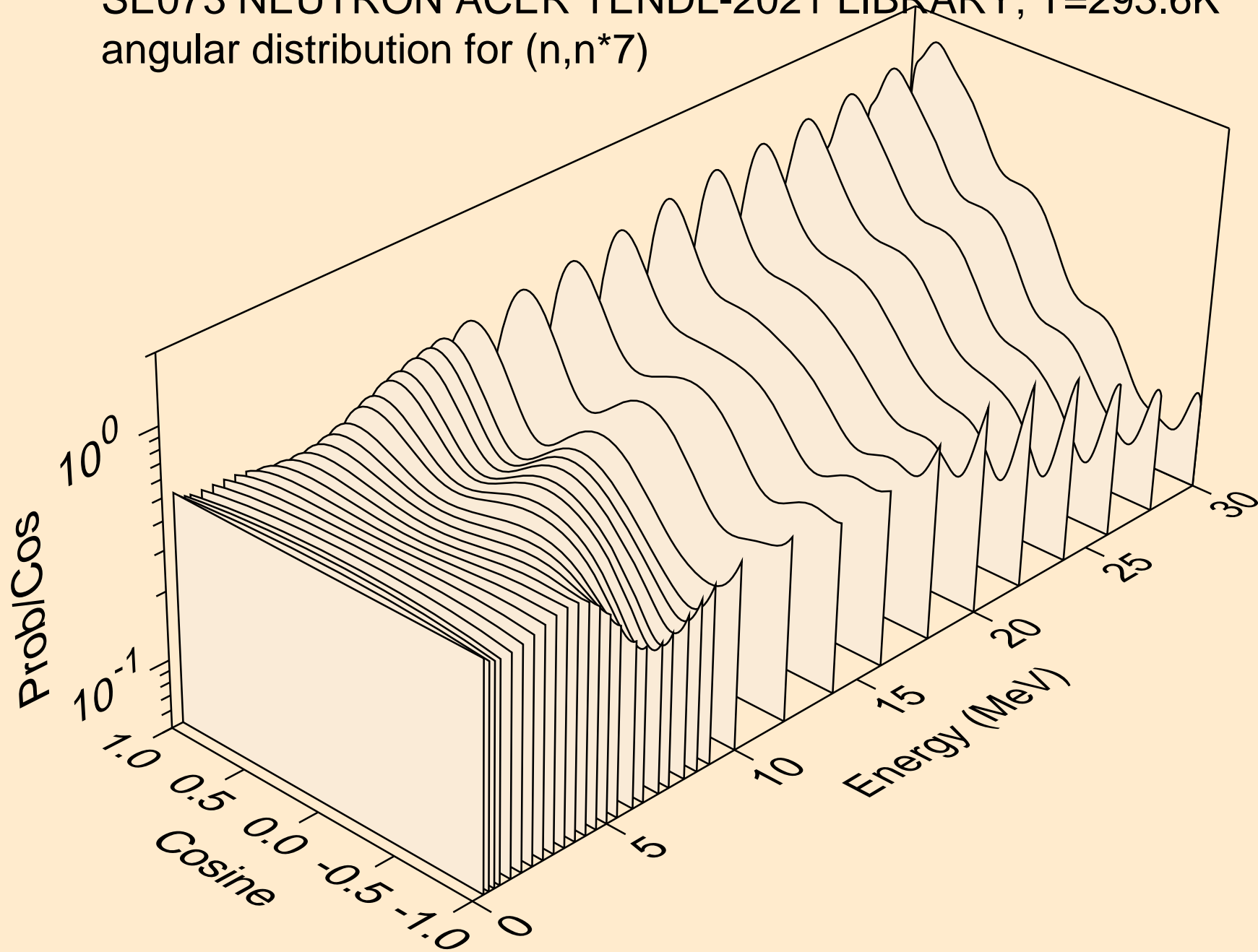




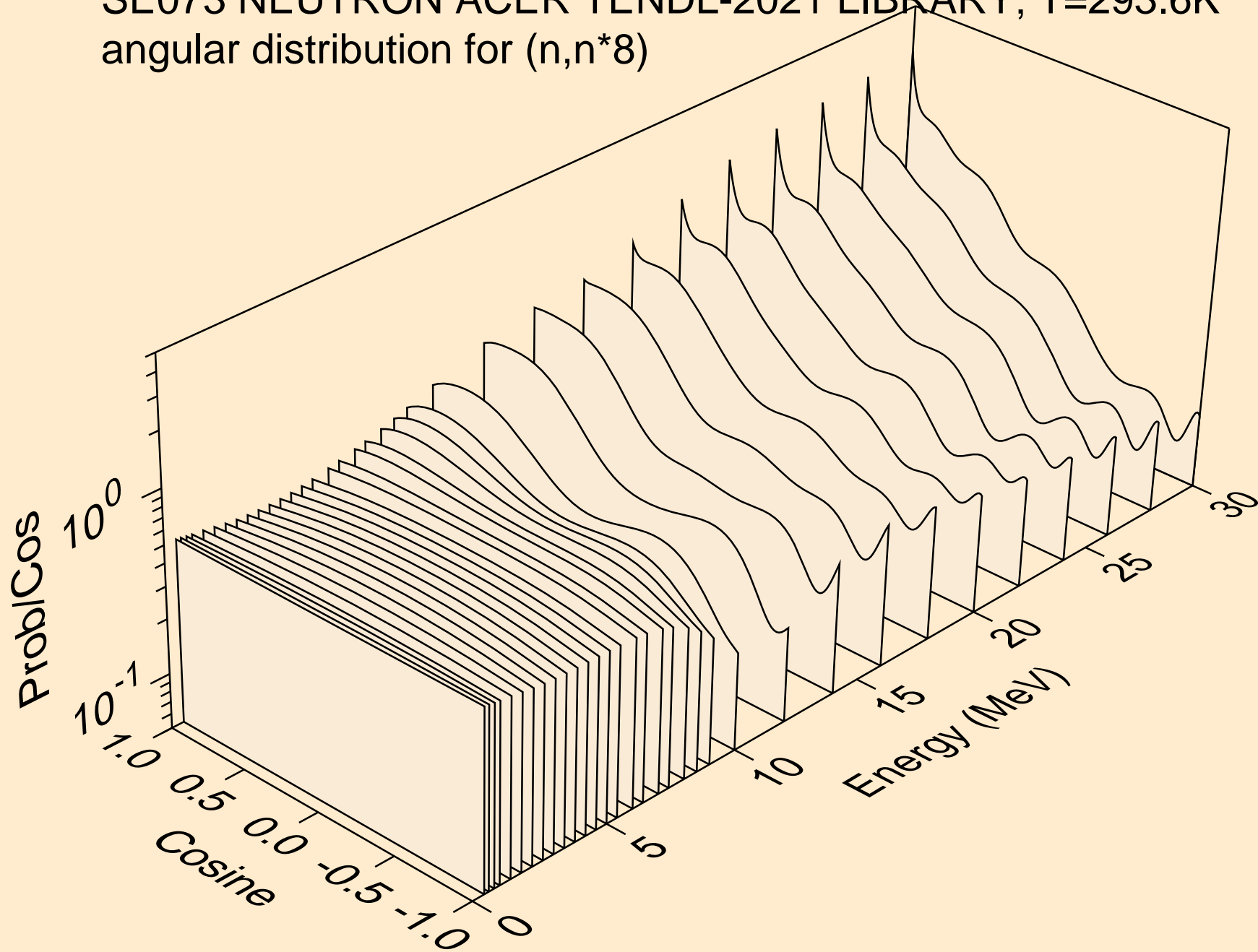
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



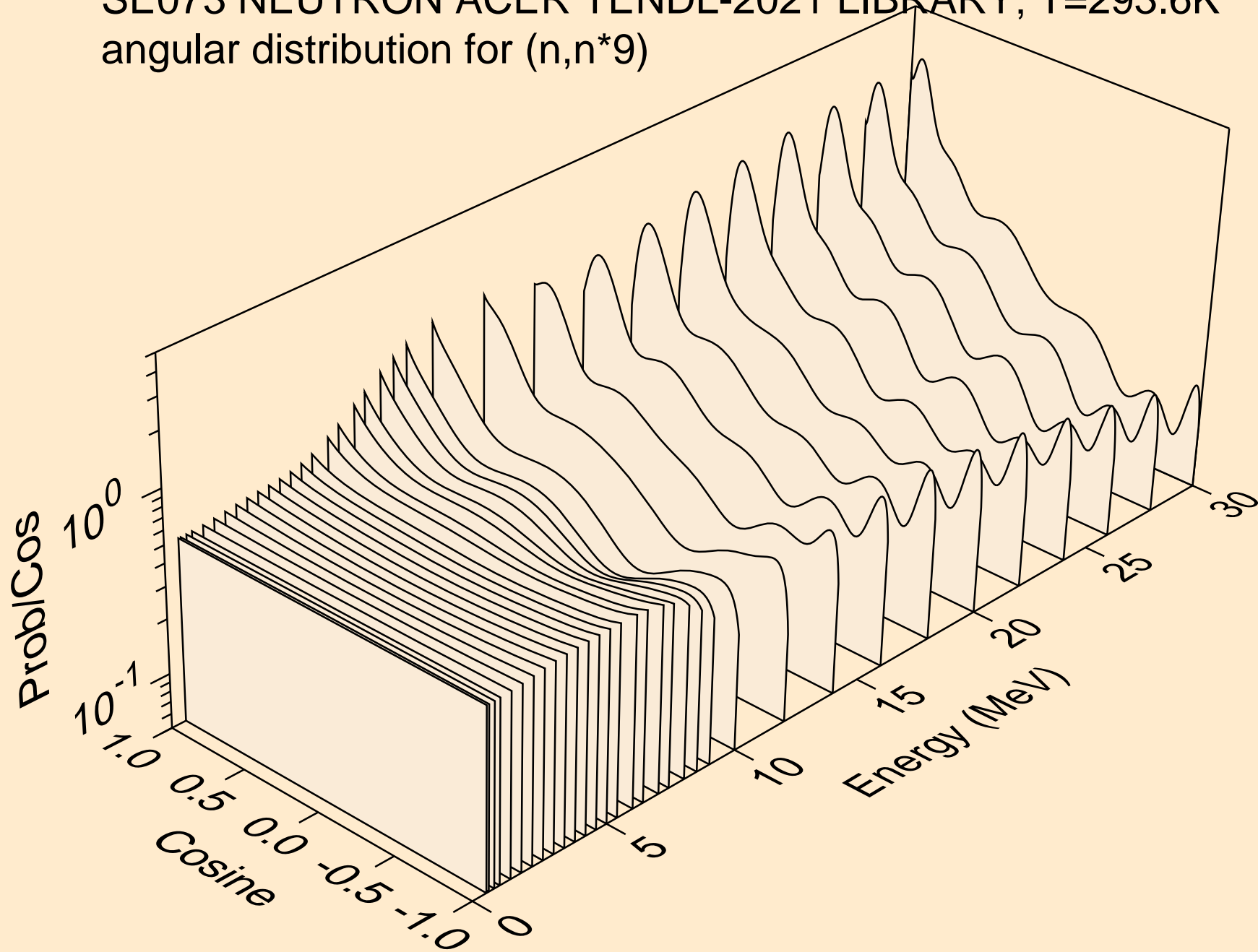
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



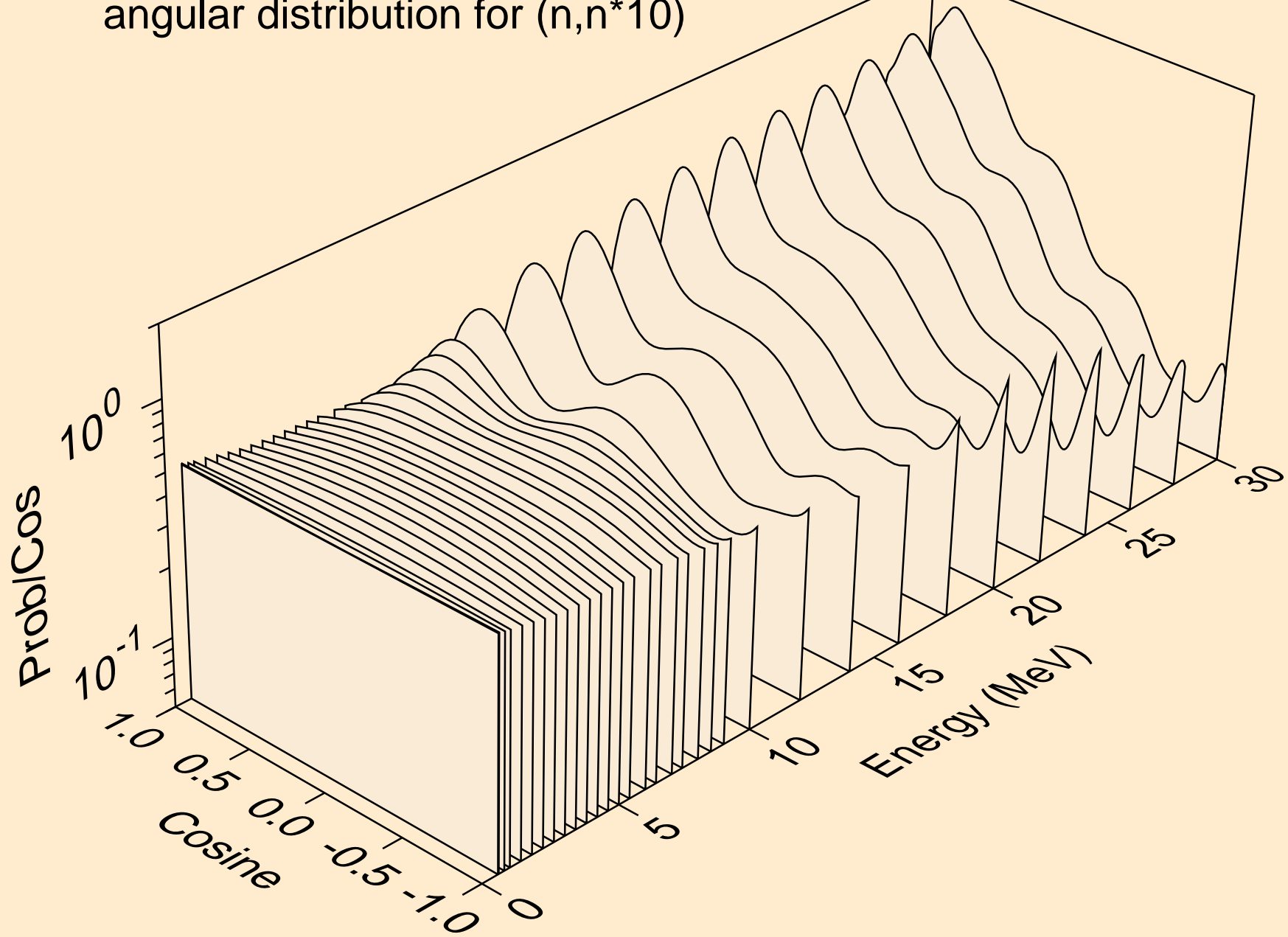
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angular distribution for (n,n\*8)



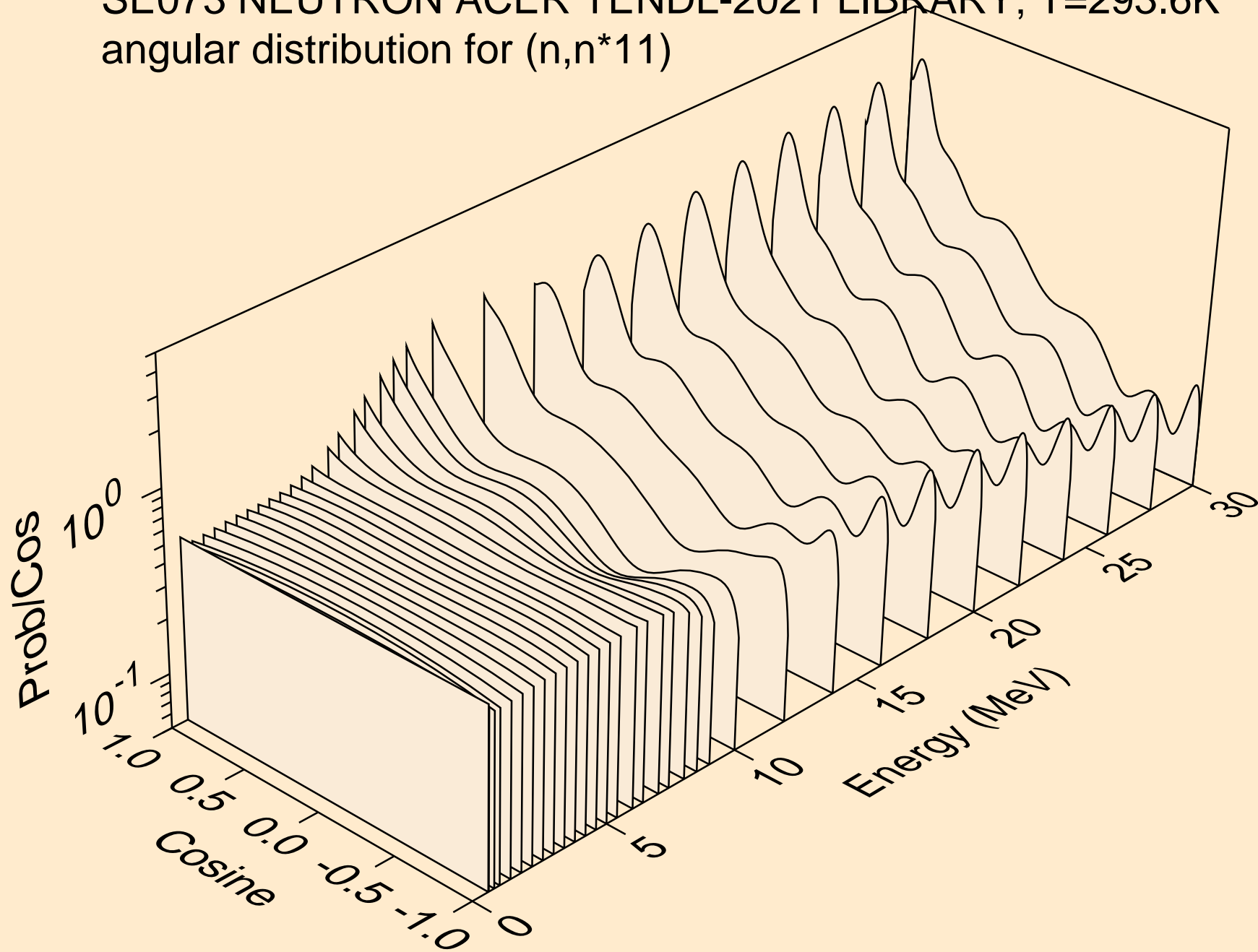
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angular distribution for (n,n\*9)



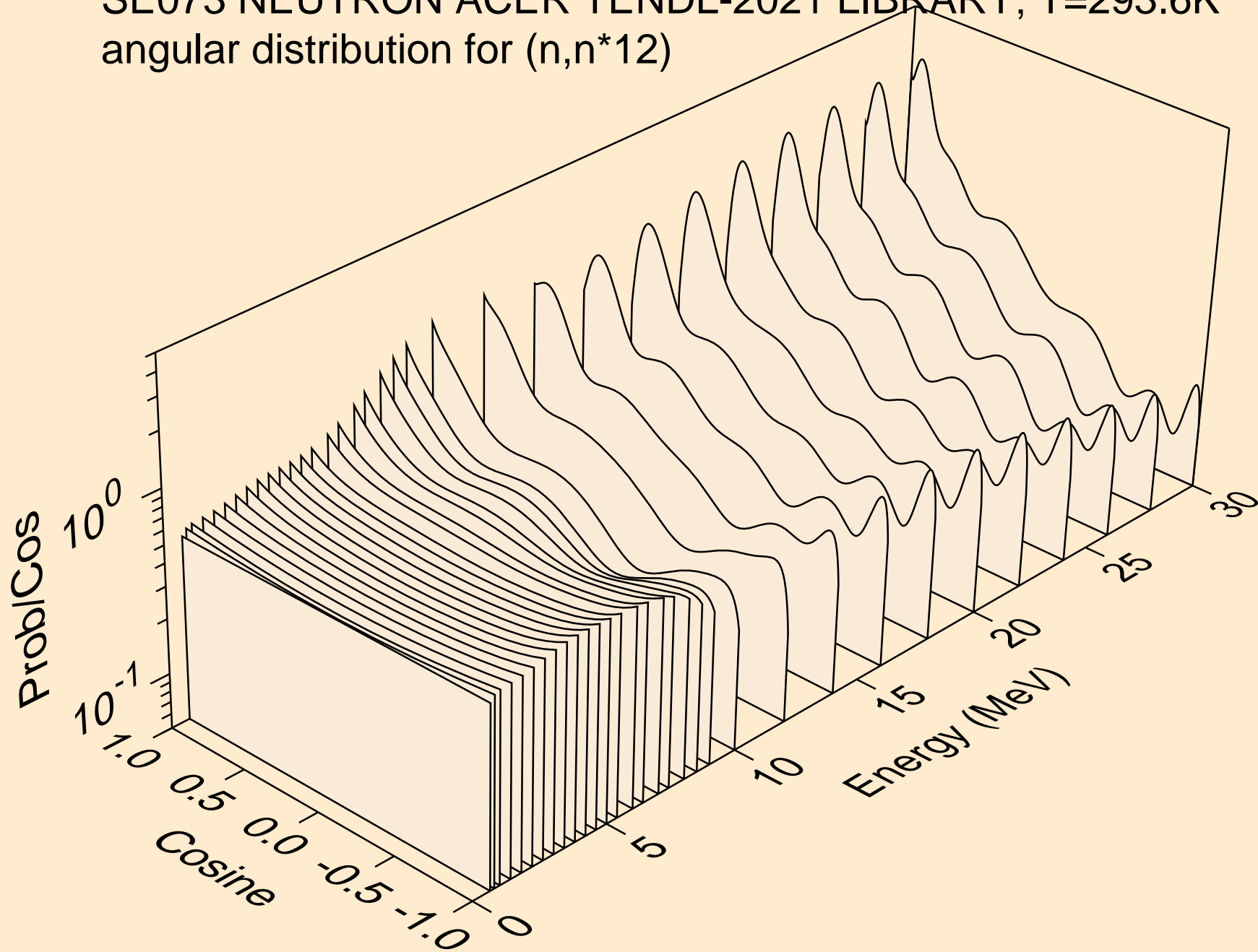
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angular distribution for (n,n\*10)



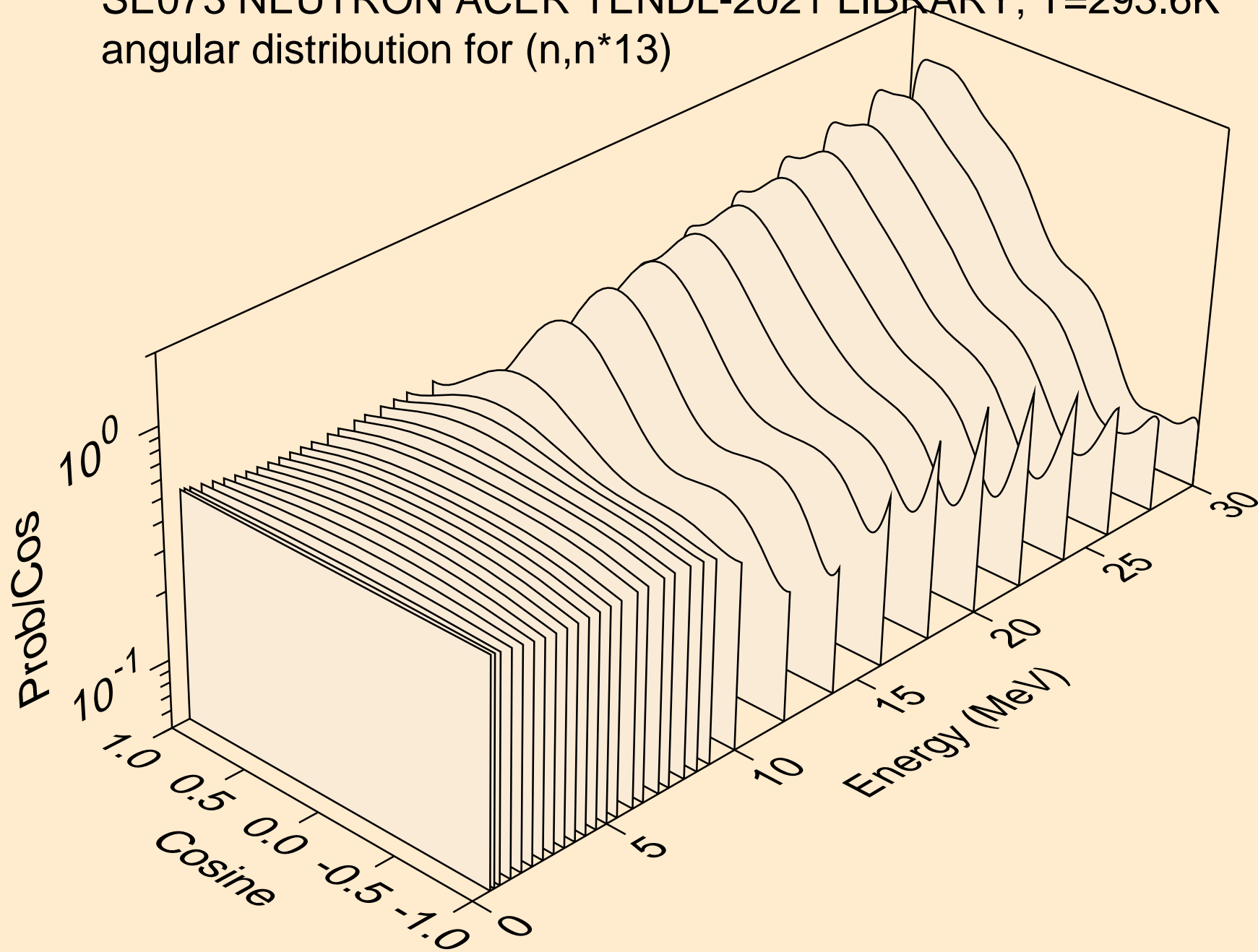
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)

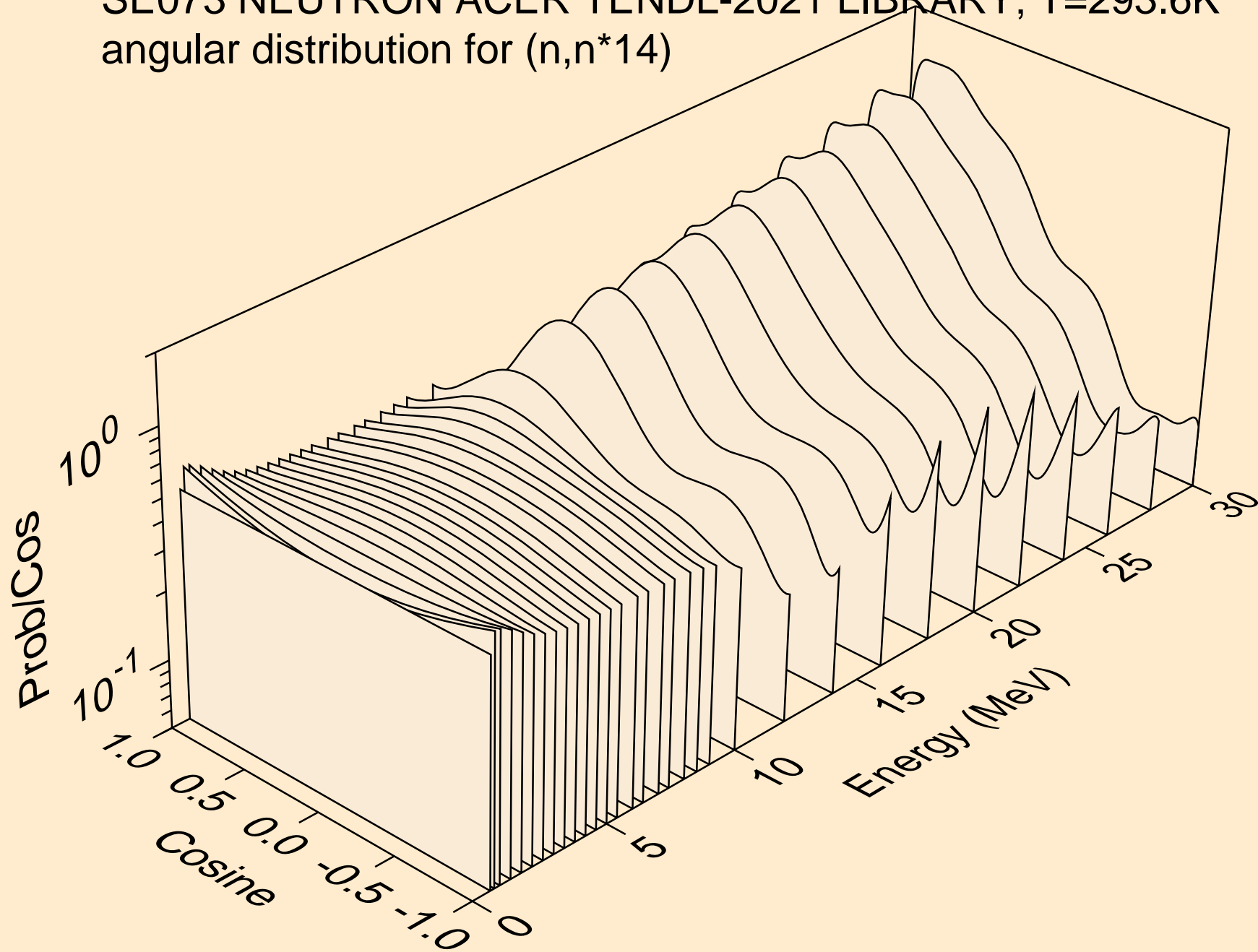


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

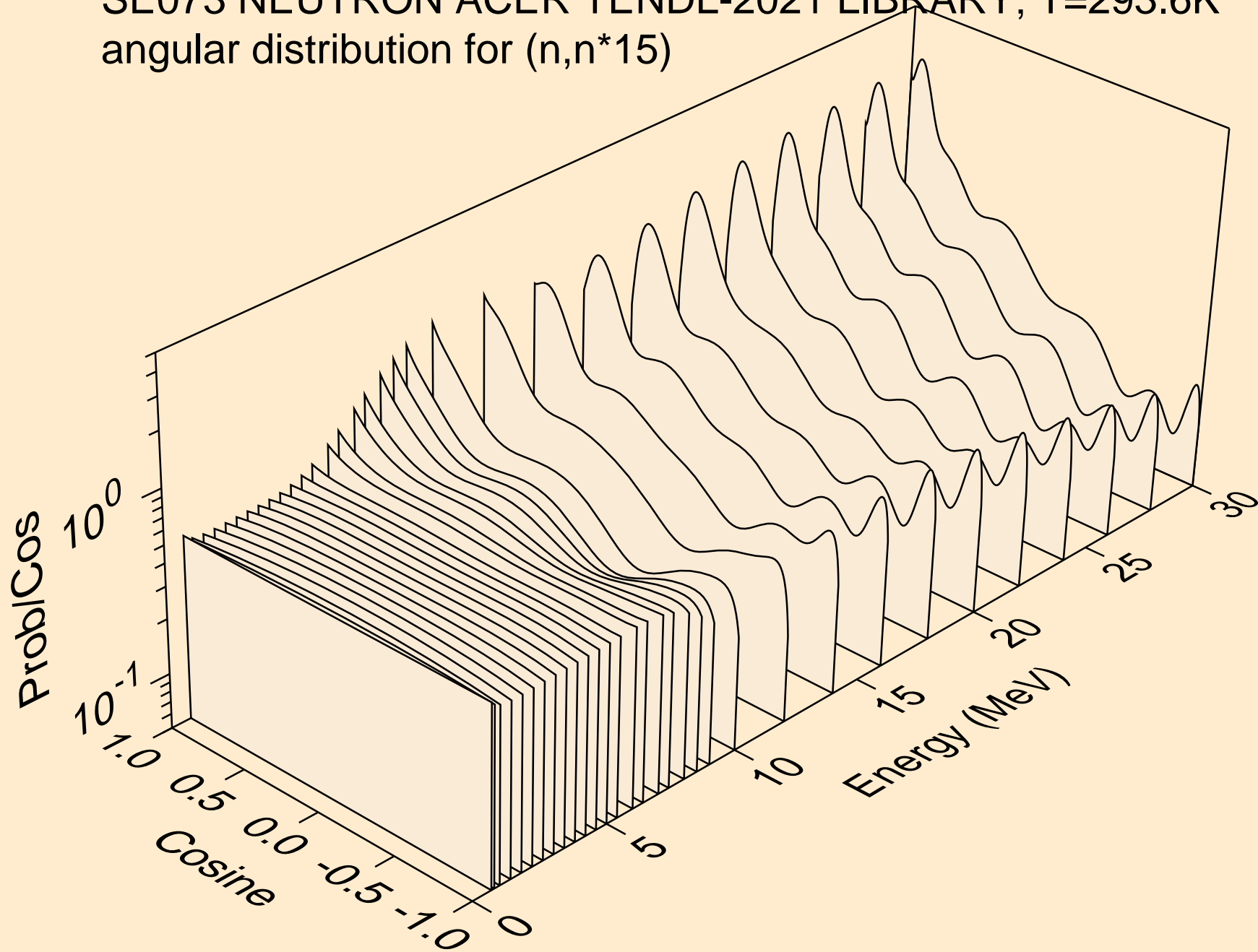




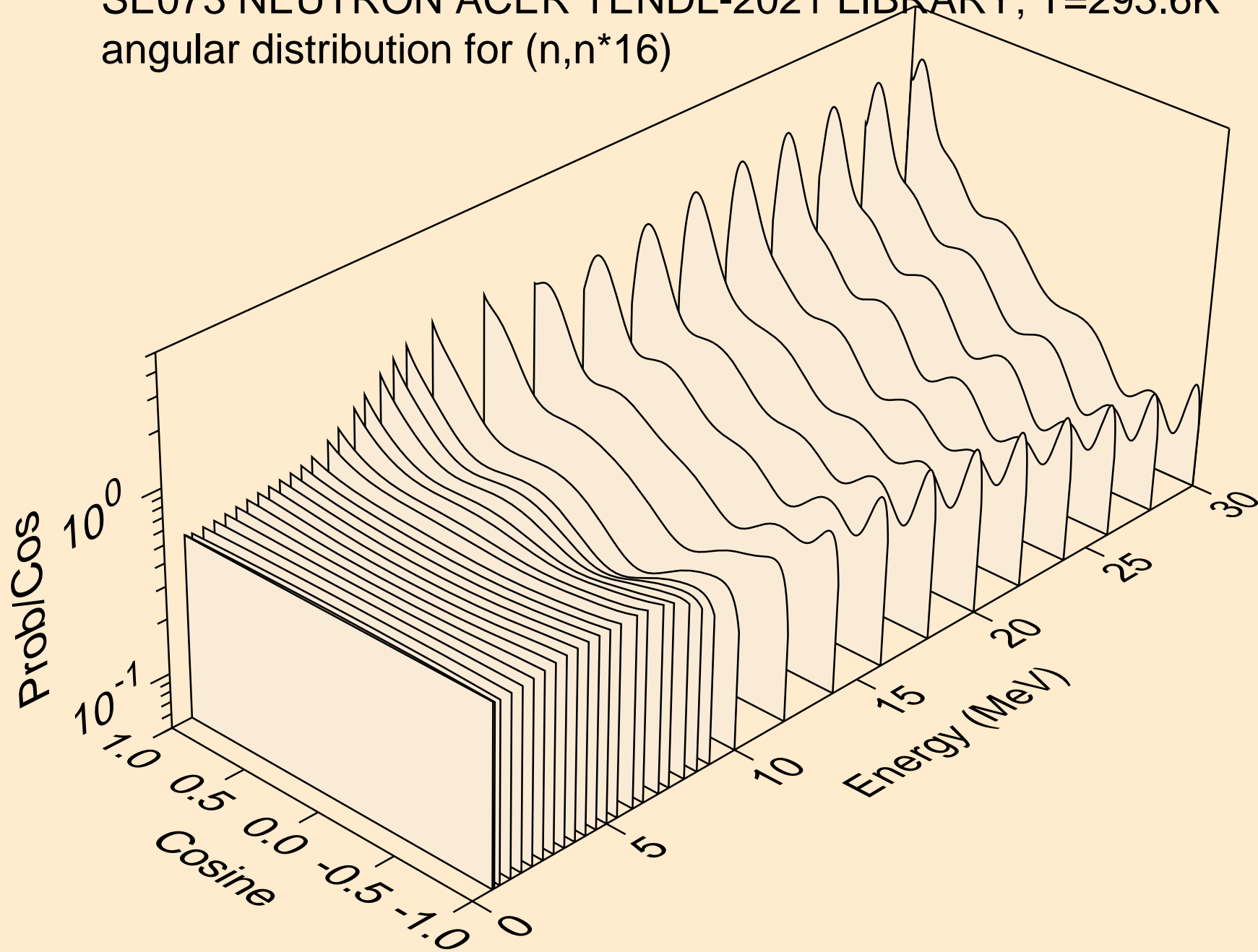
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



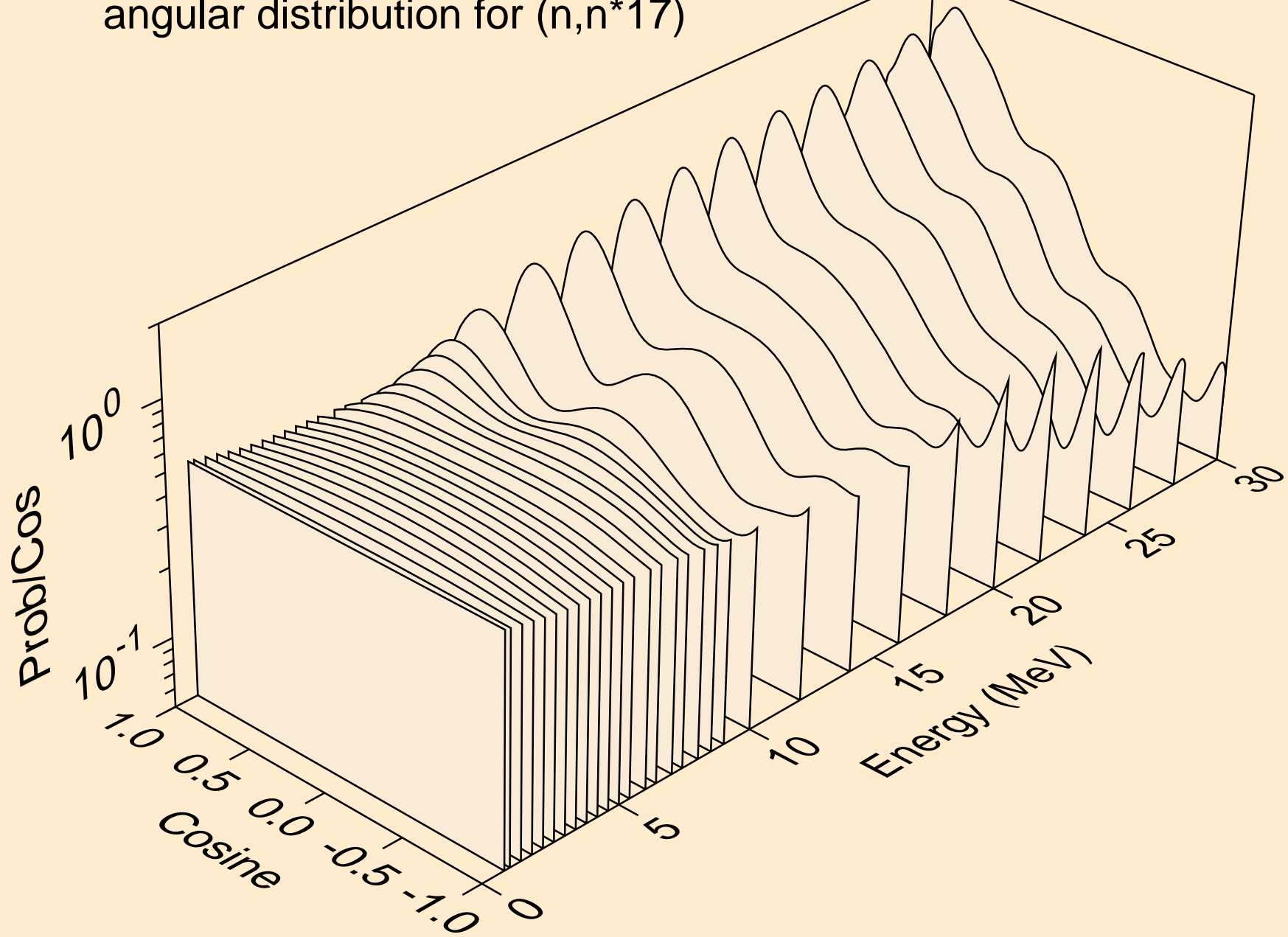
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angular distribution for (n,n\*15)



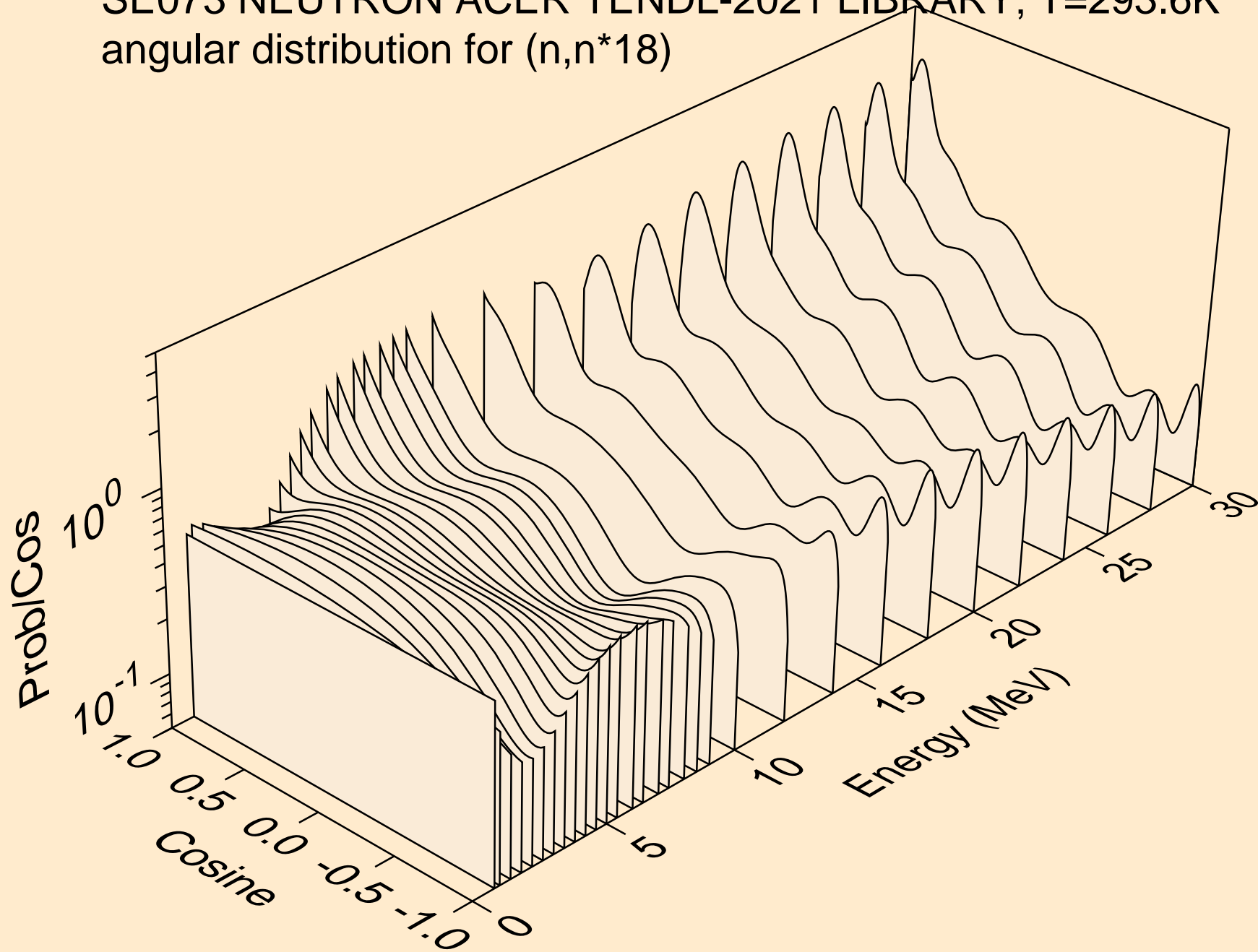
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



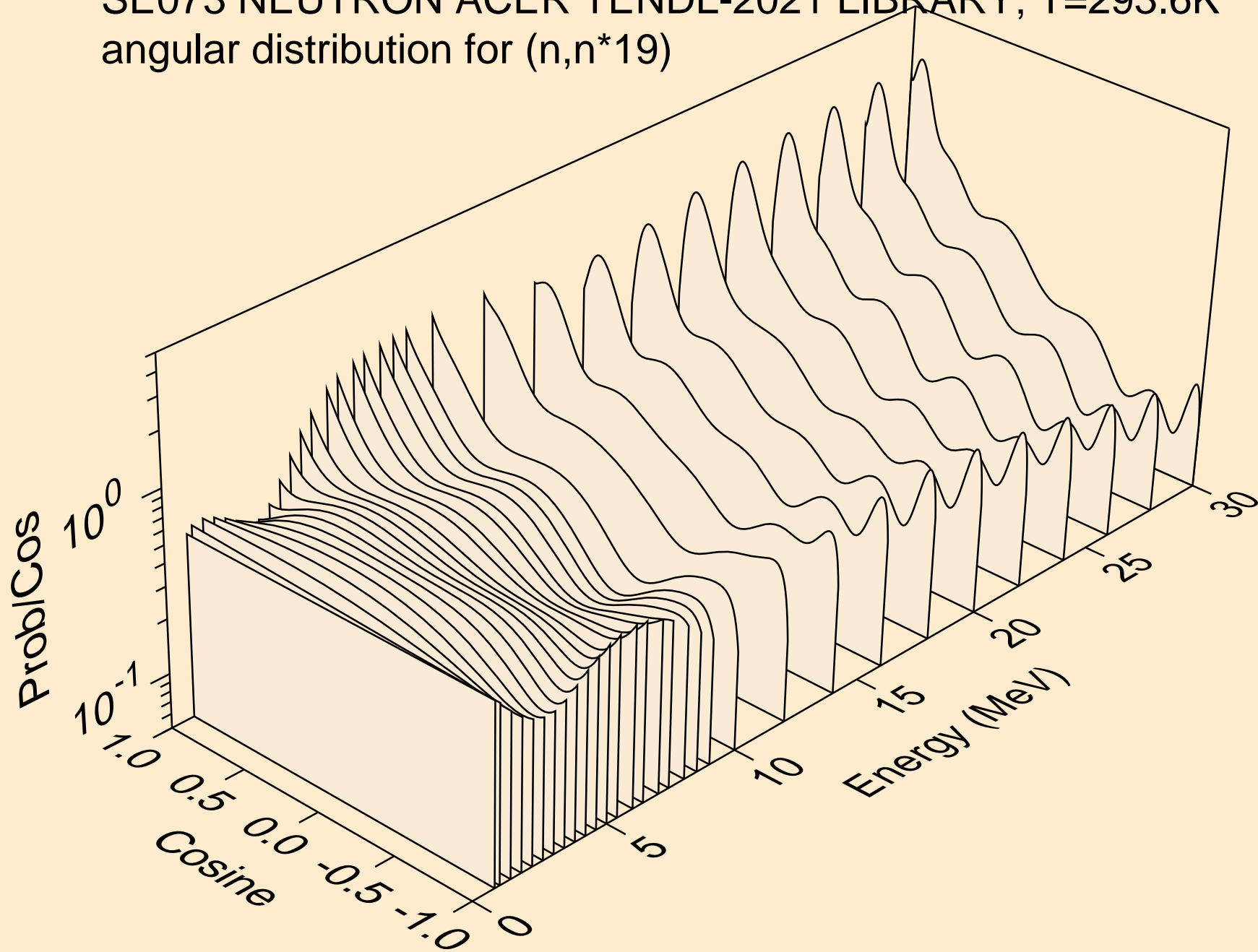
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angular distribution for (n,n\*17)



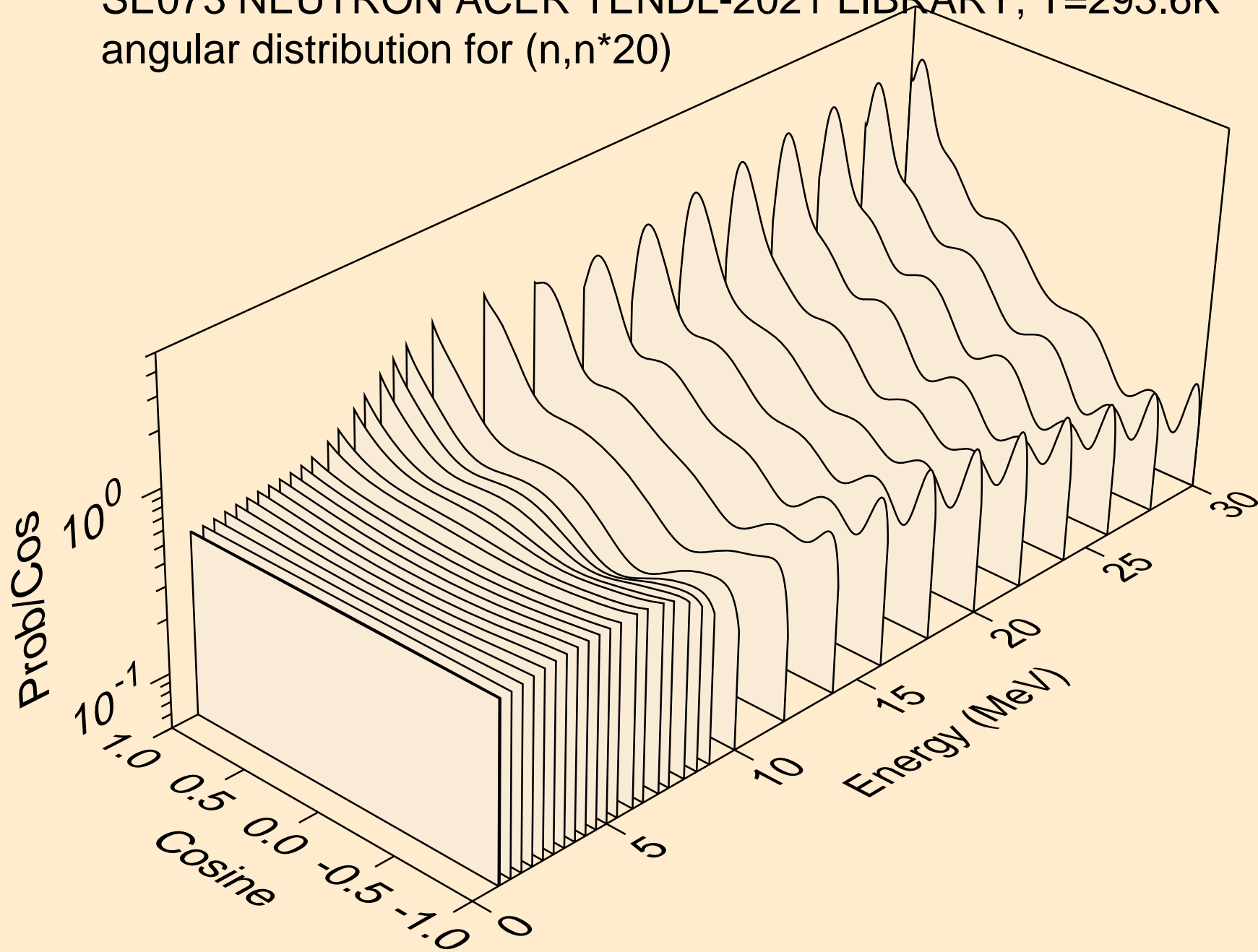
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angular distribution for (n,n\*18)



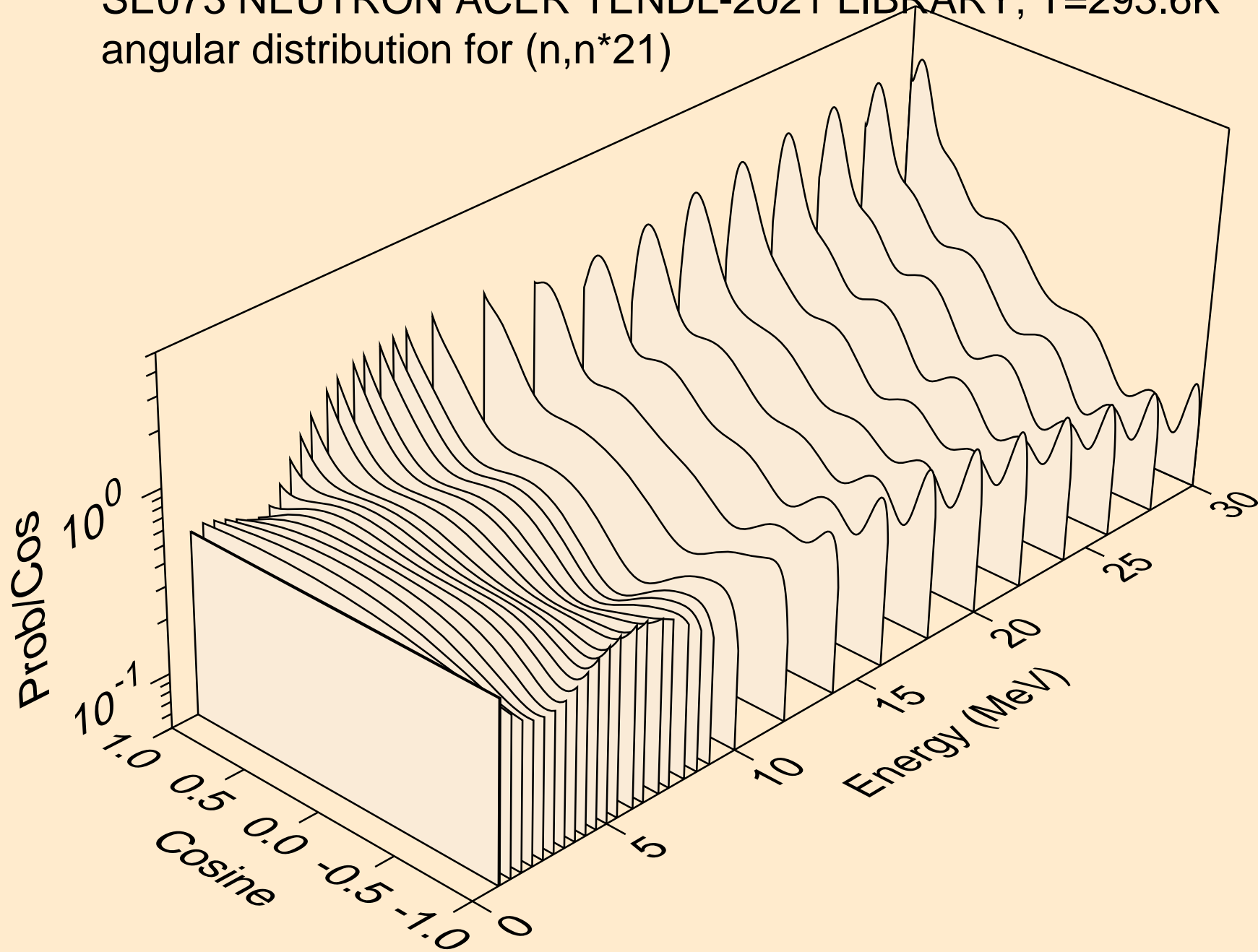
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)

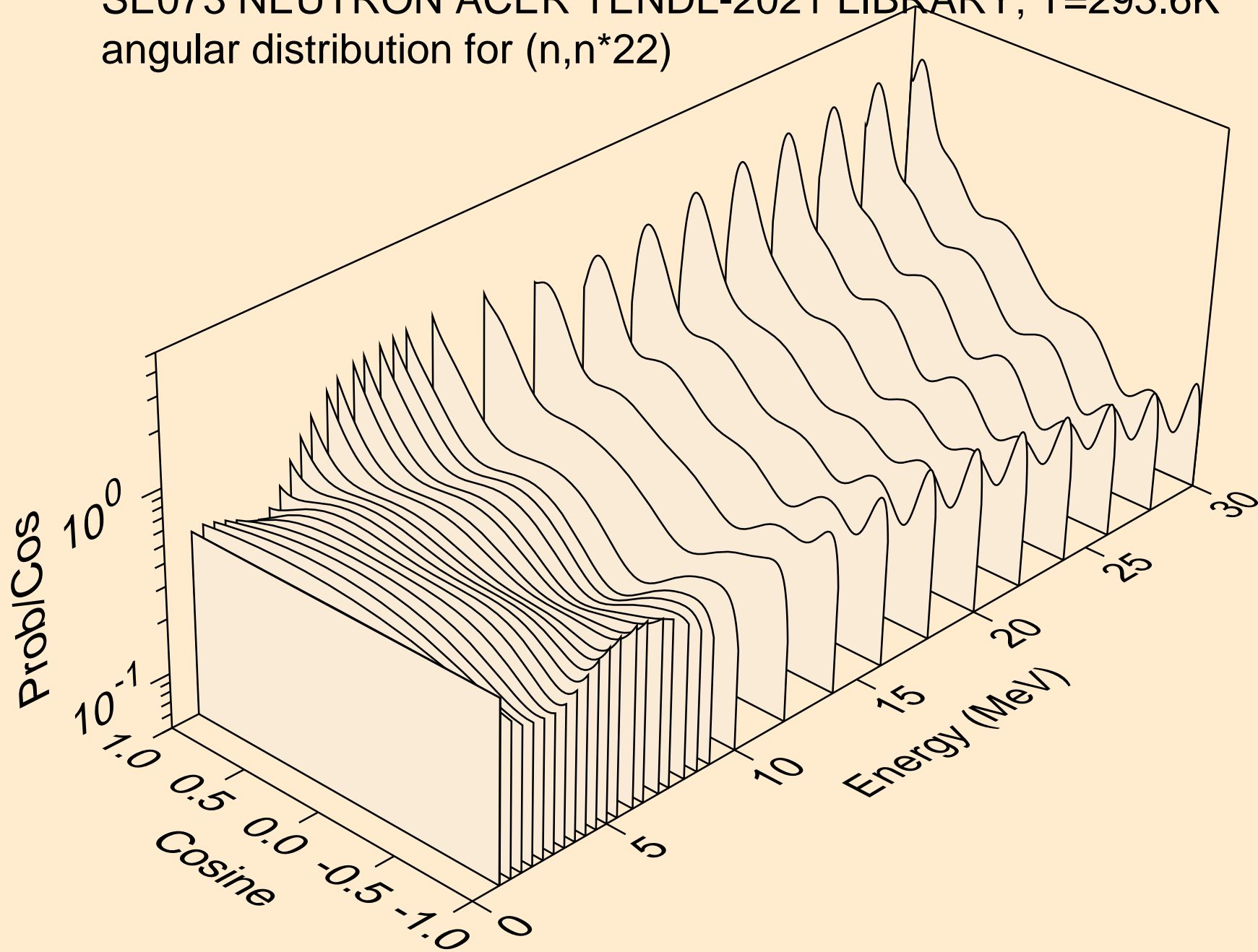


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

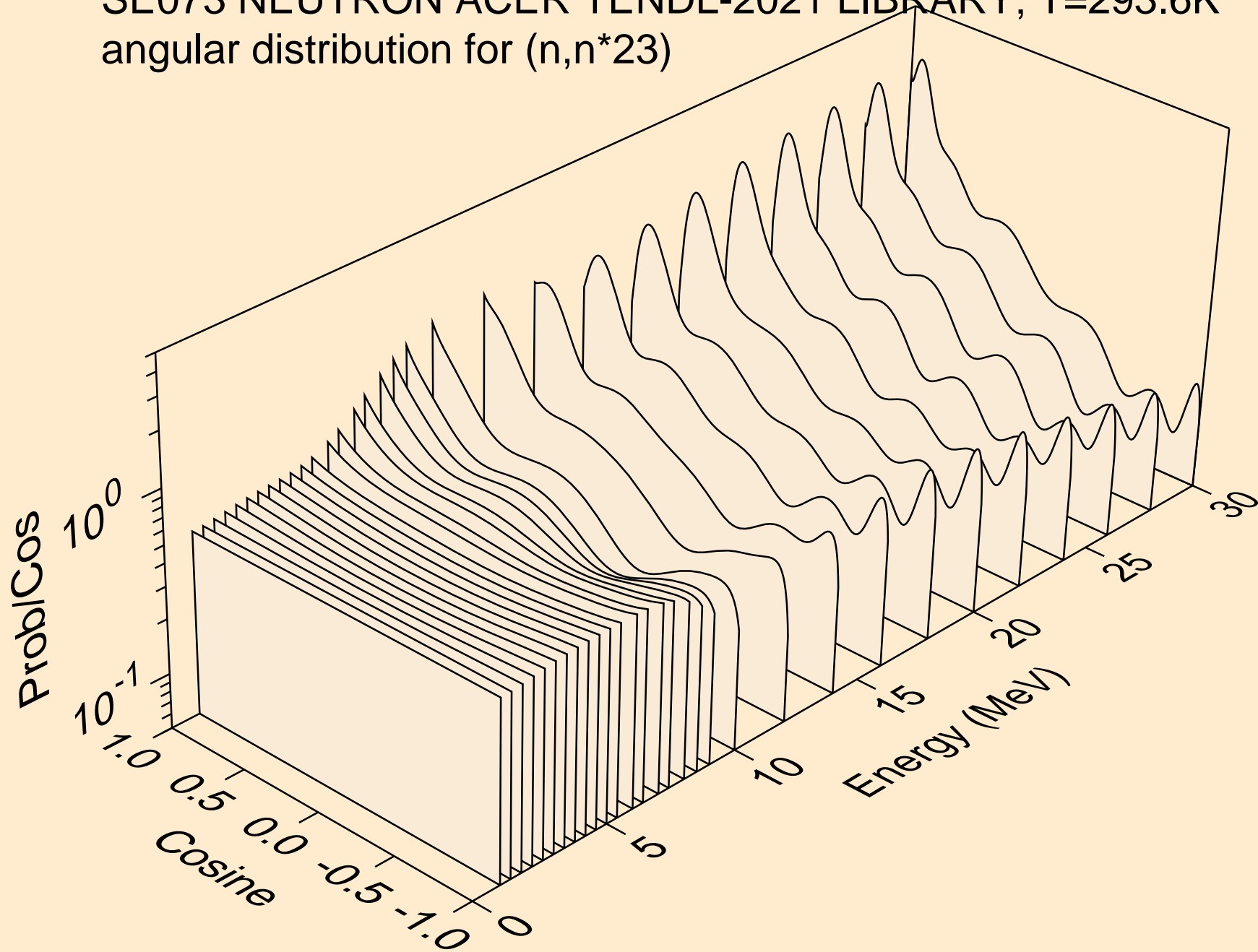




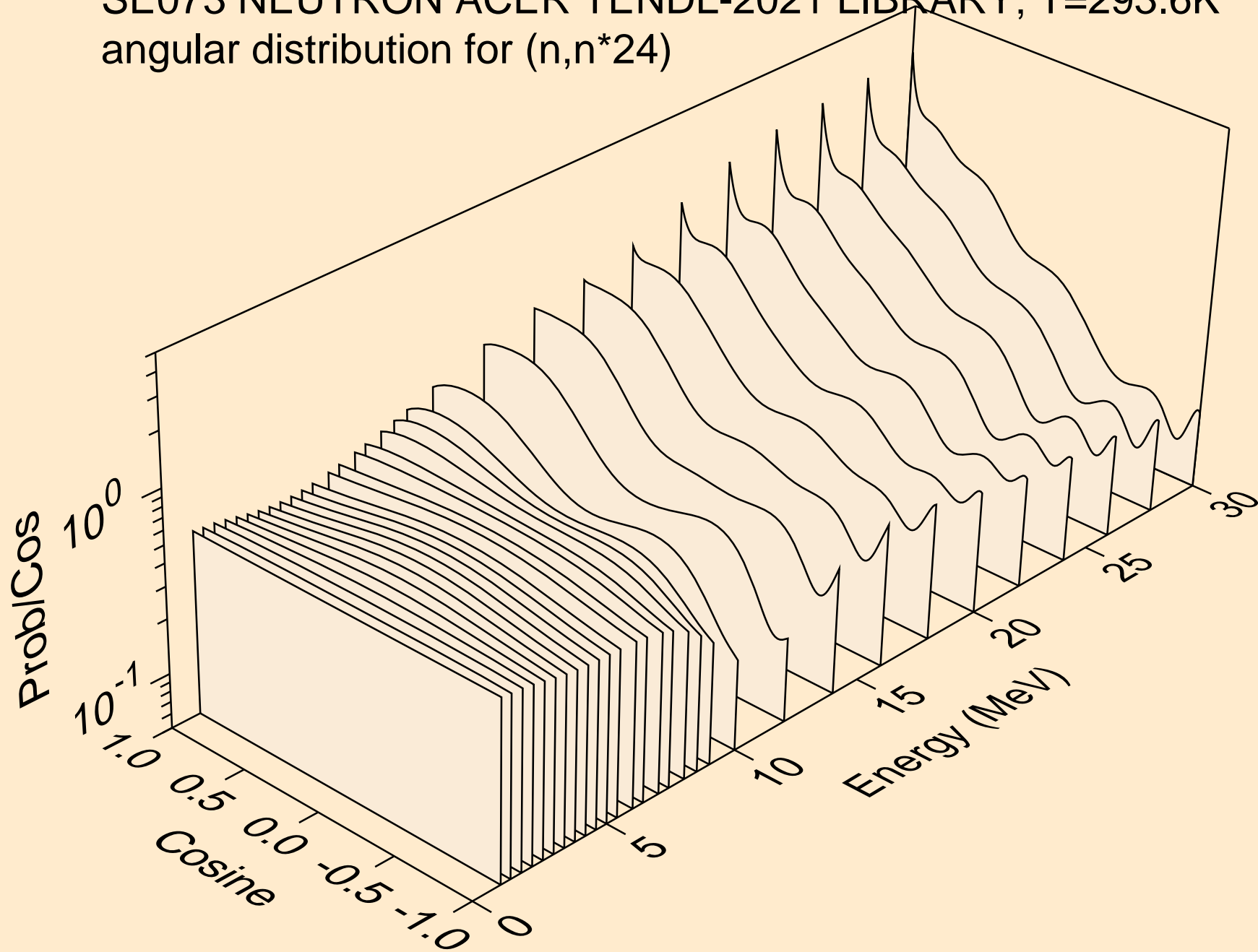
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angular distribution for (n,n\*22)



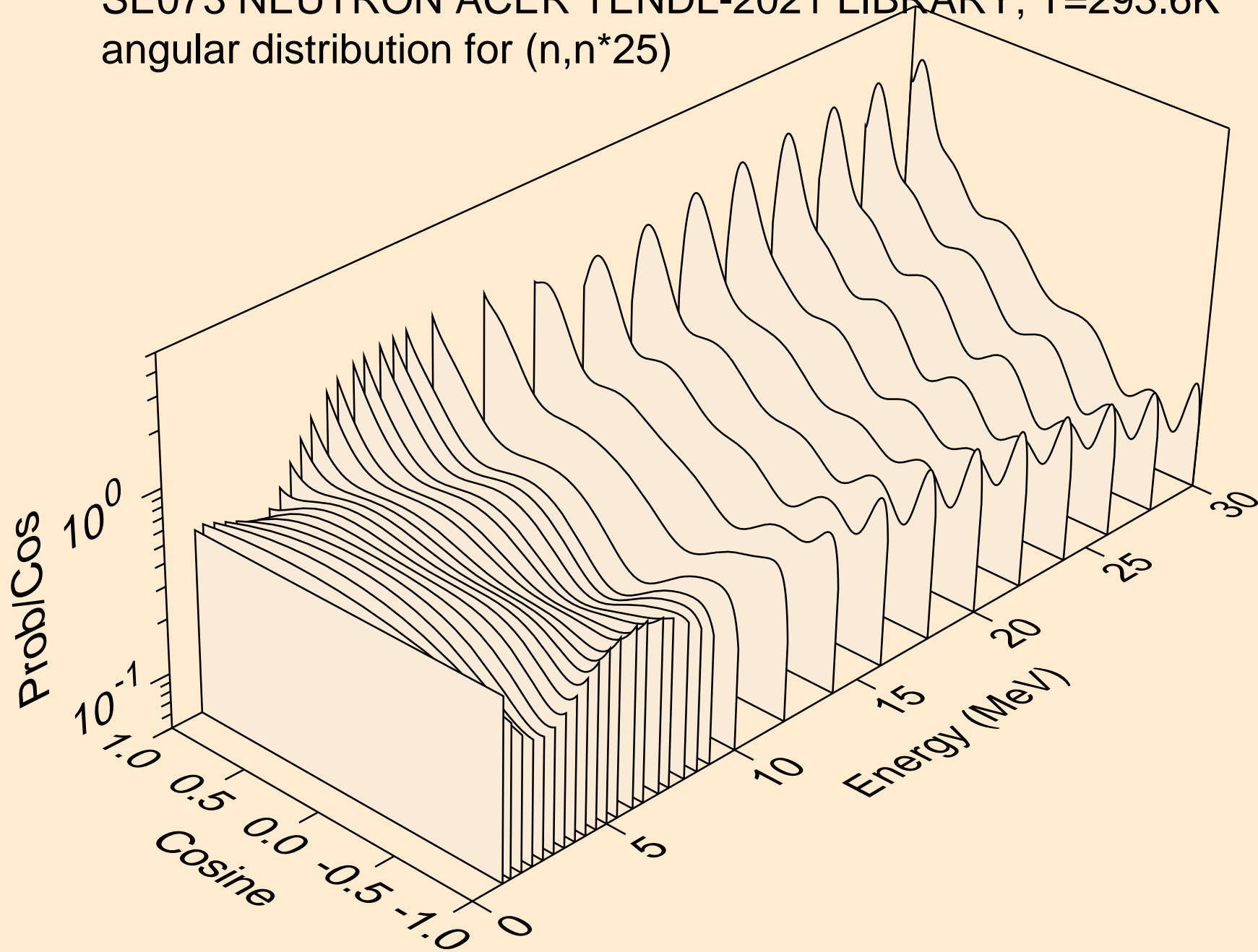
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angular distribution for (n,n\*23)



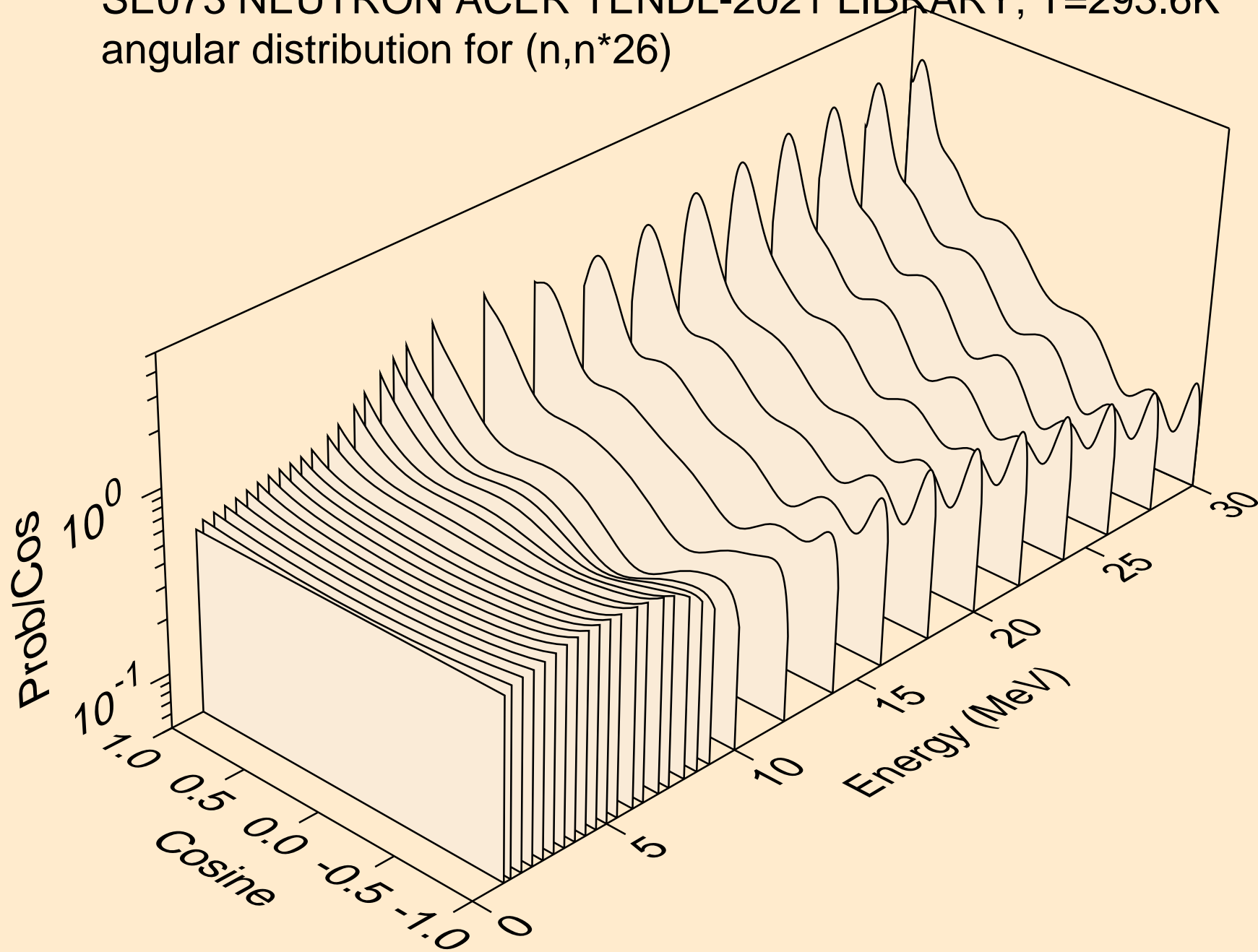
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angular distribution for (n,n\*24)



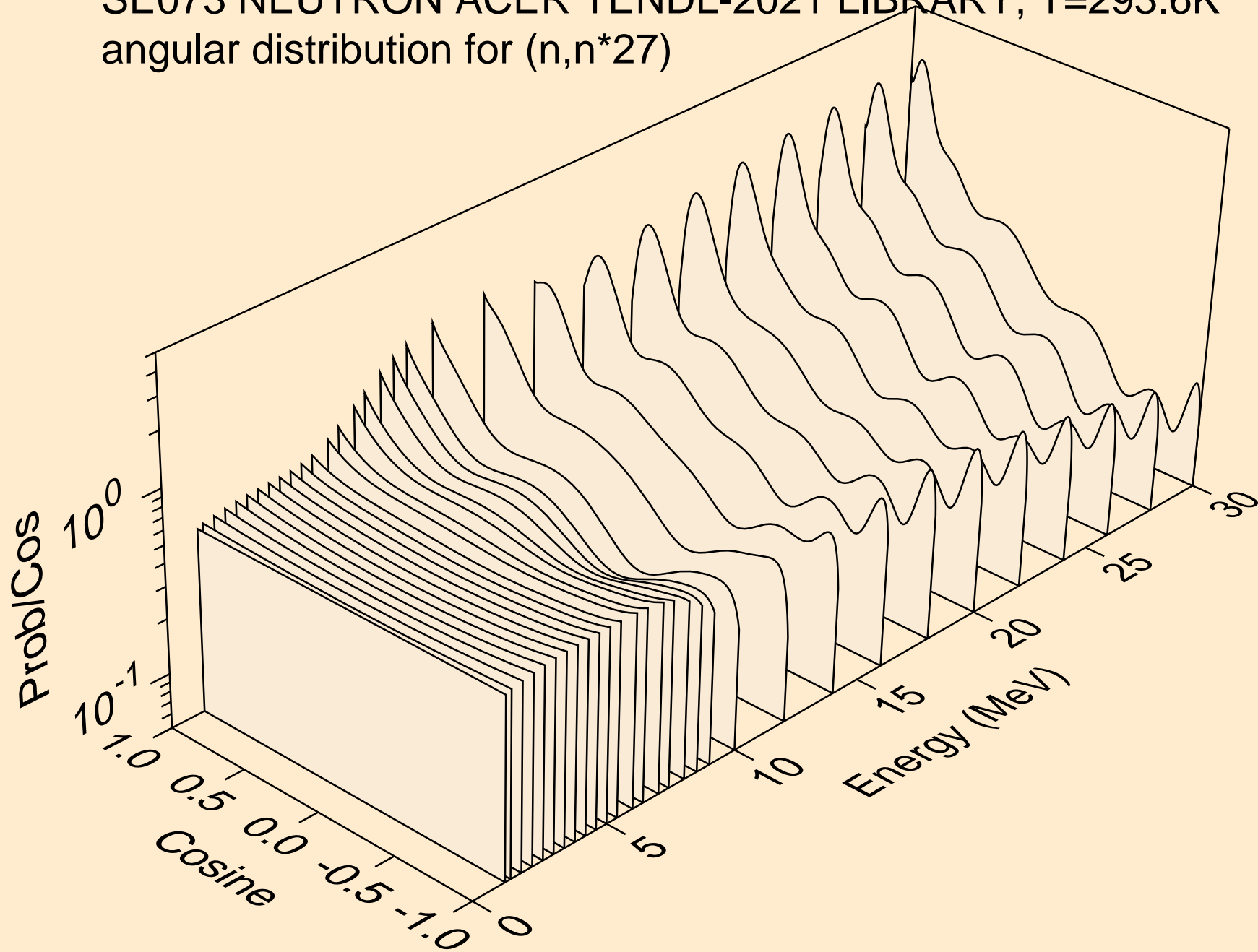
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



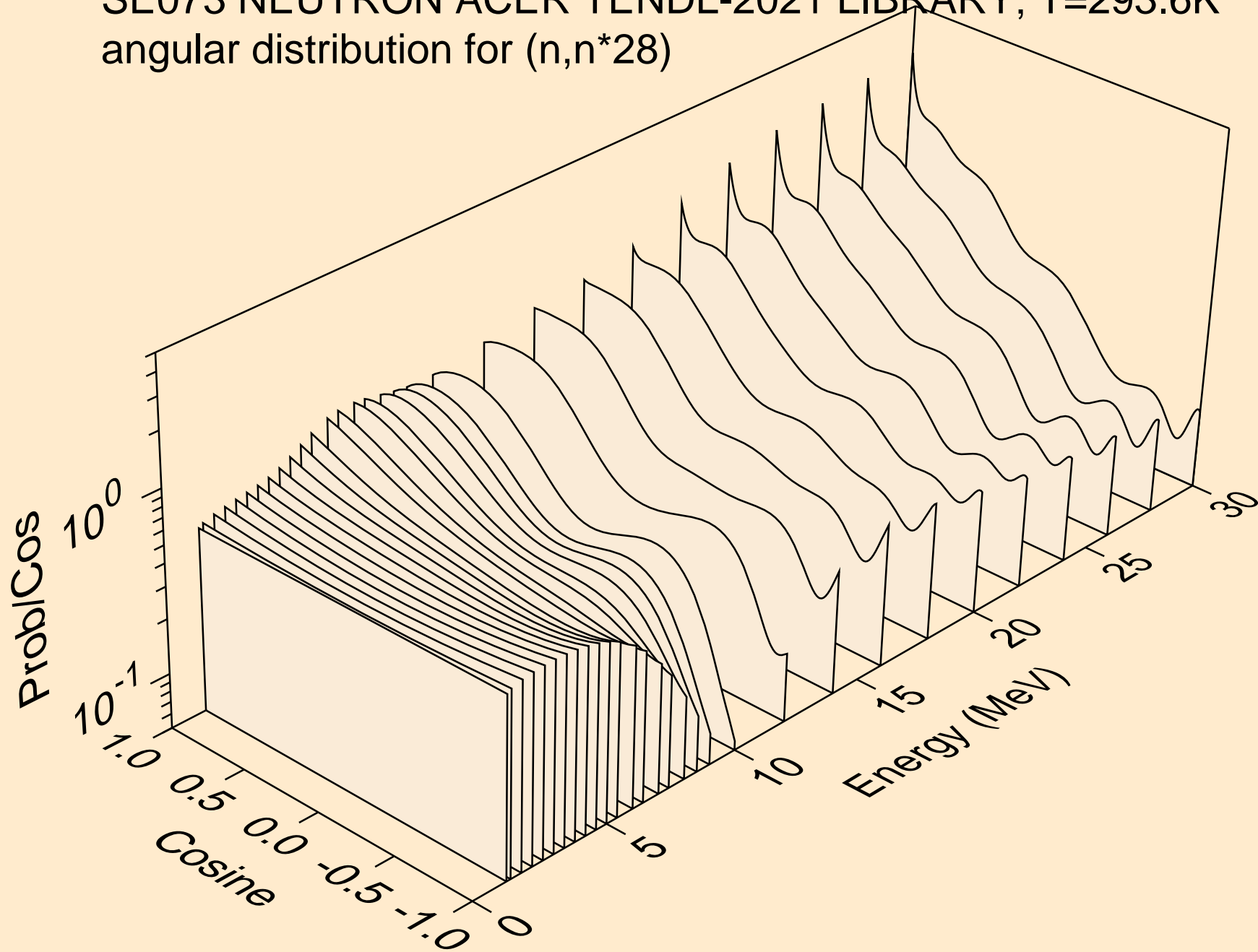
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



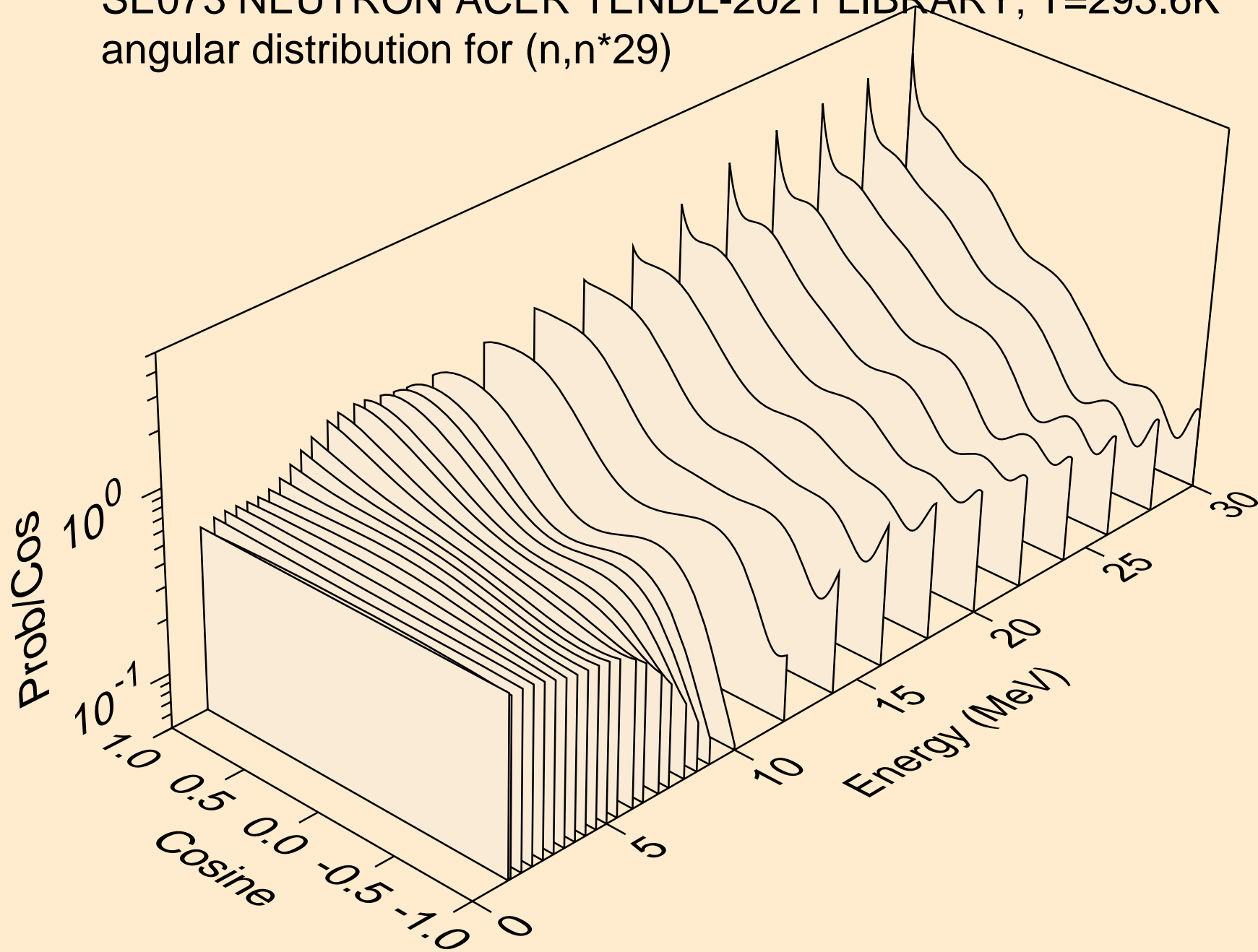
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)

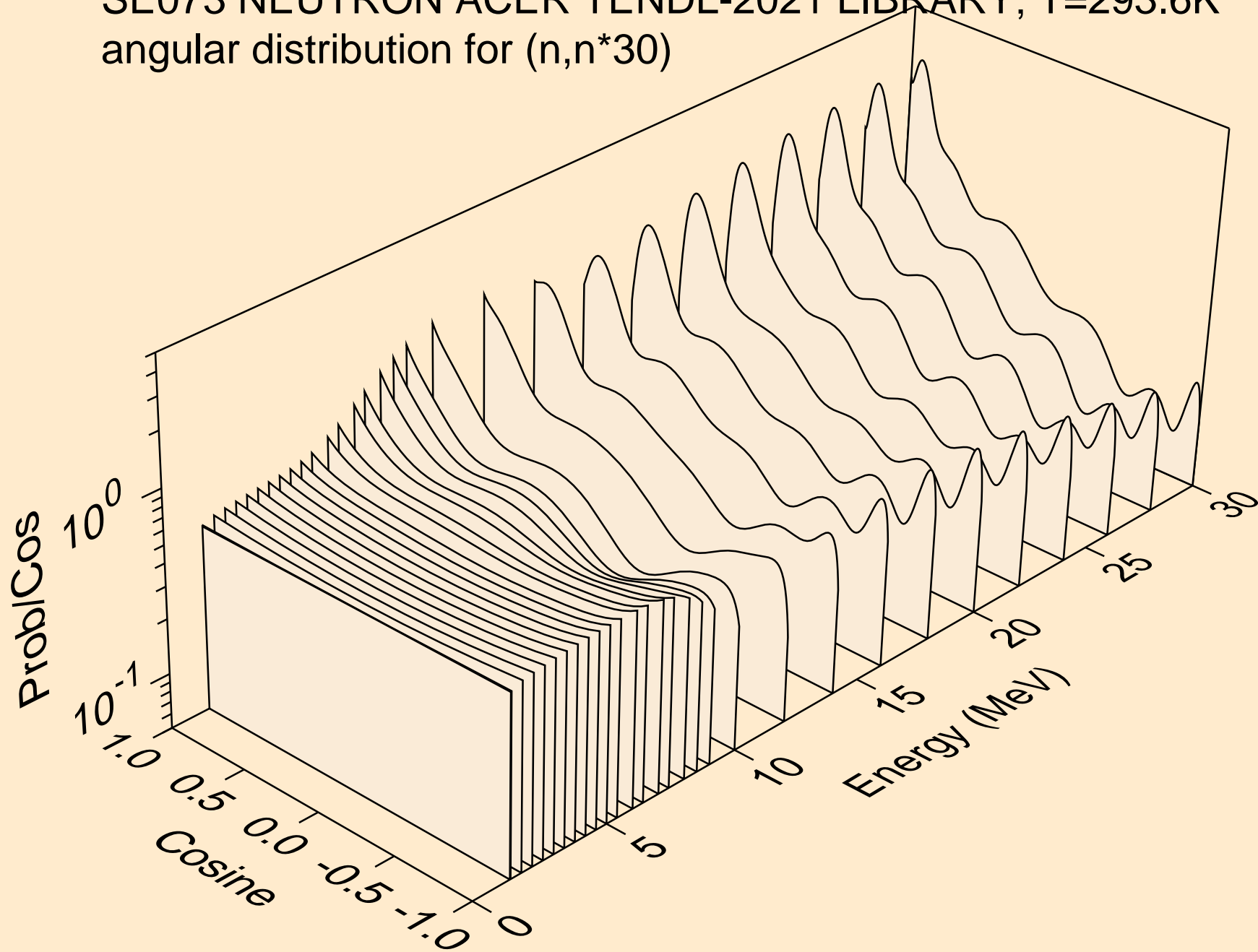


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

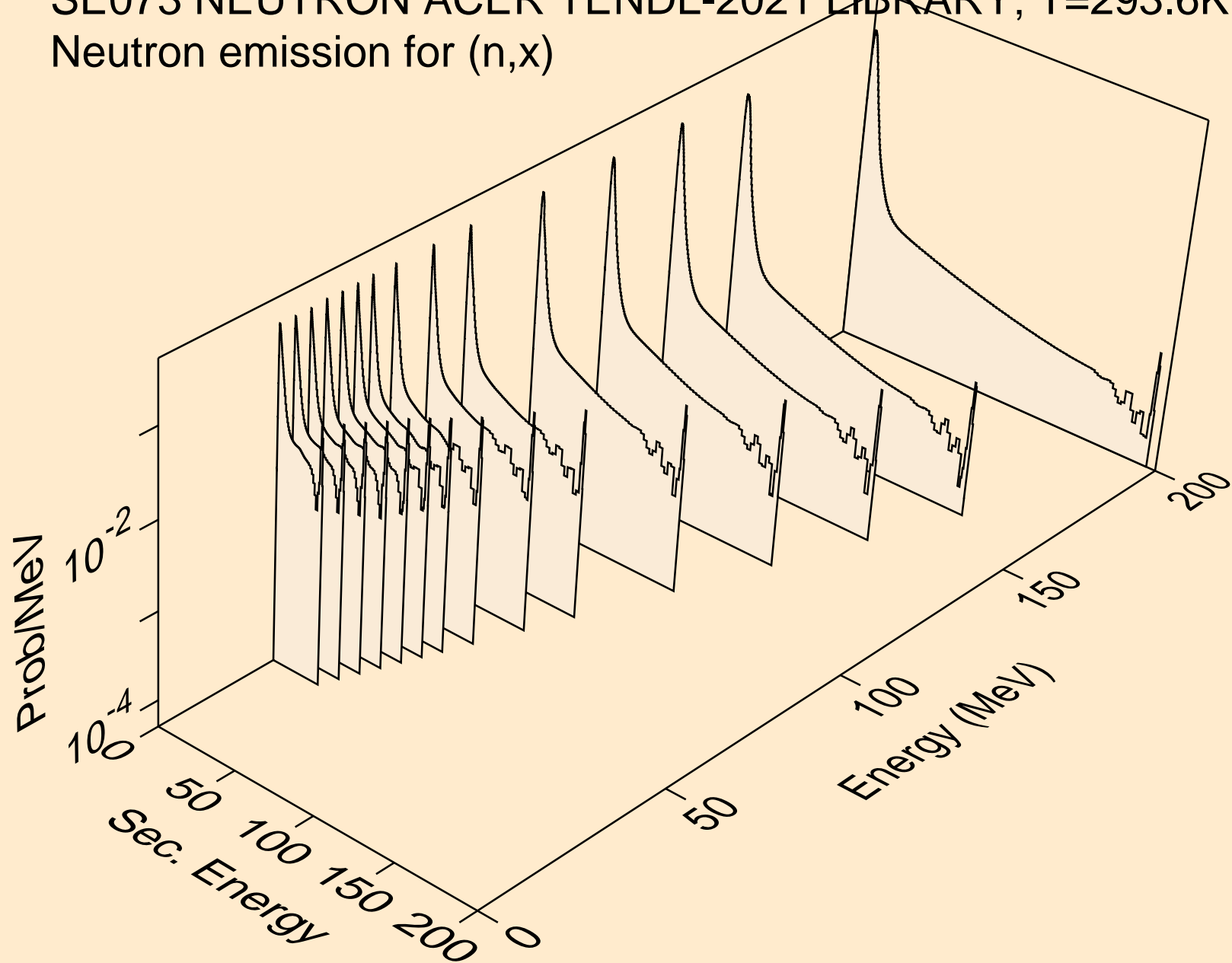




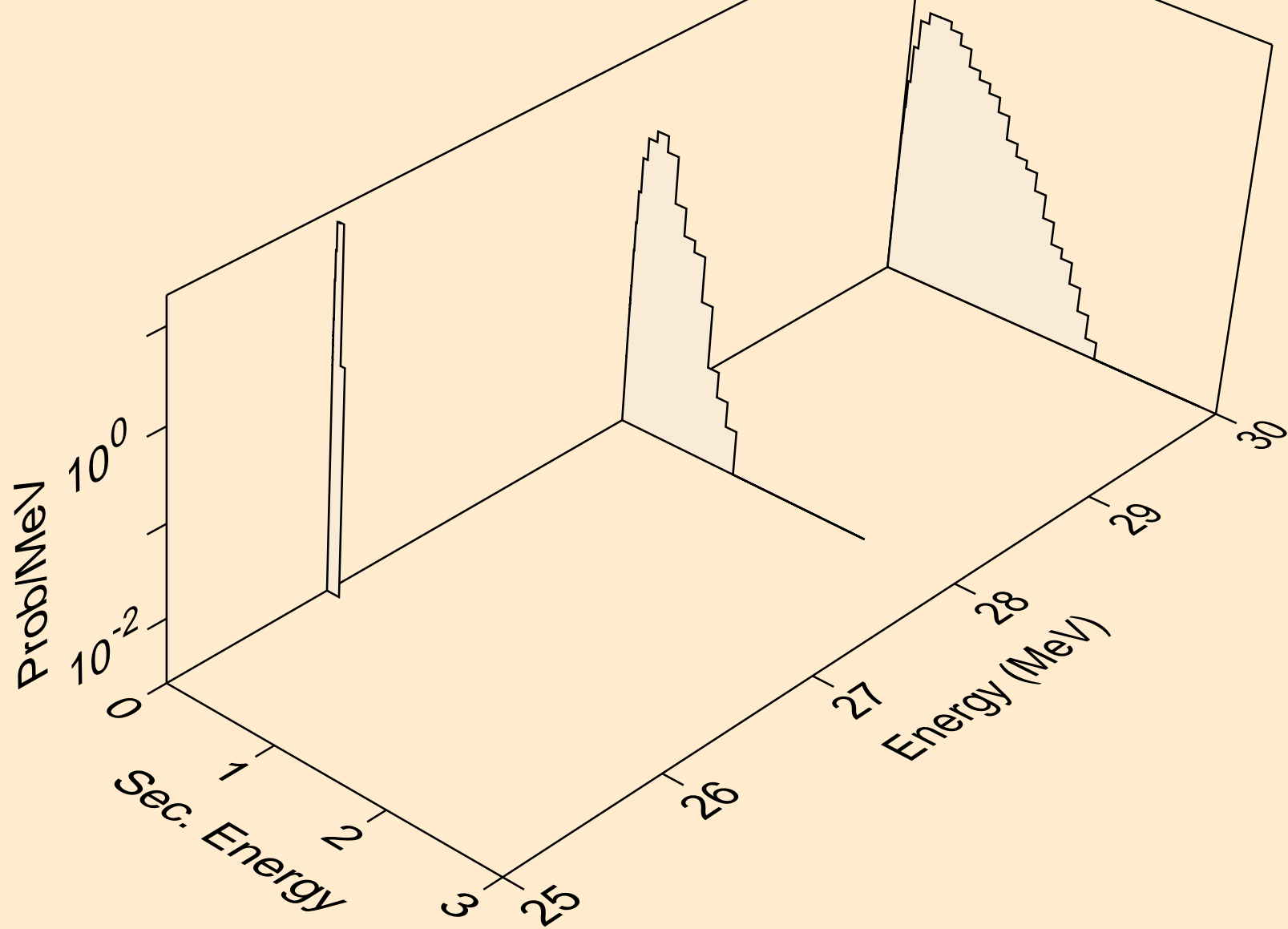
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



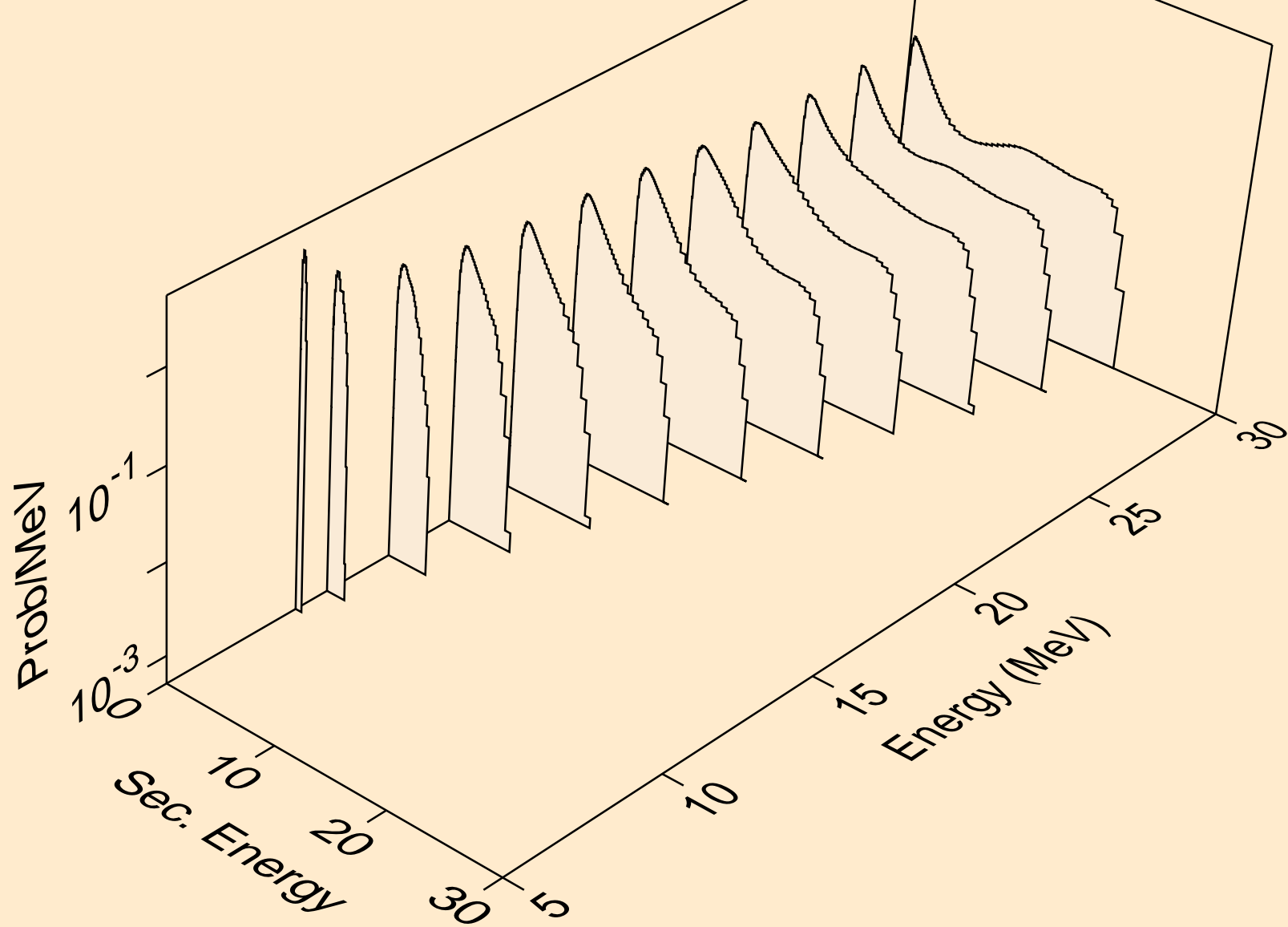
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



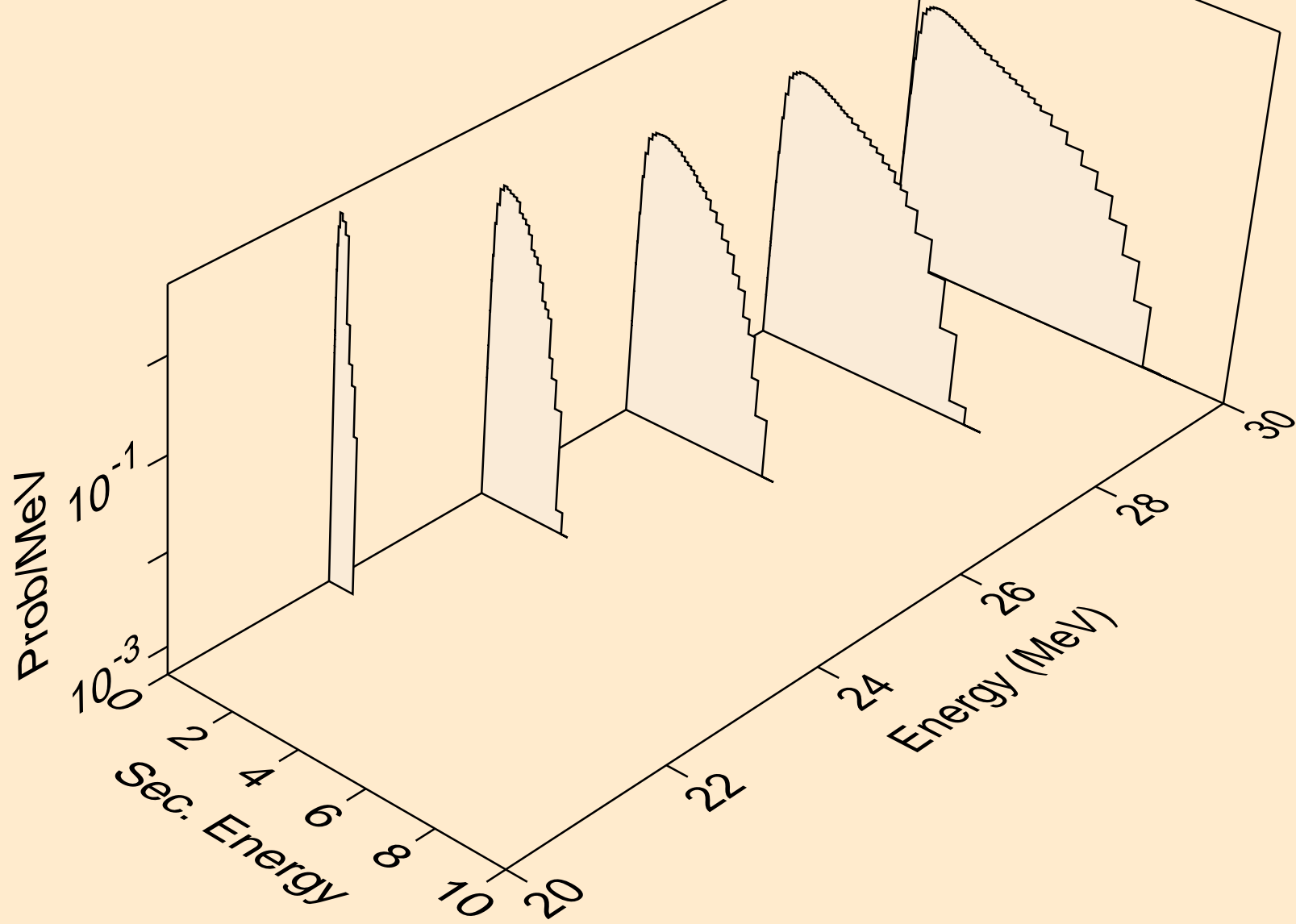
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



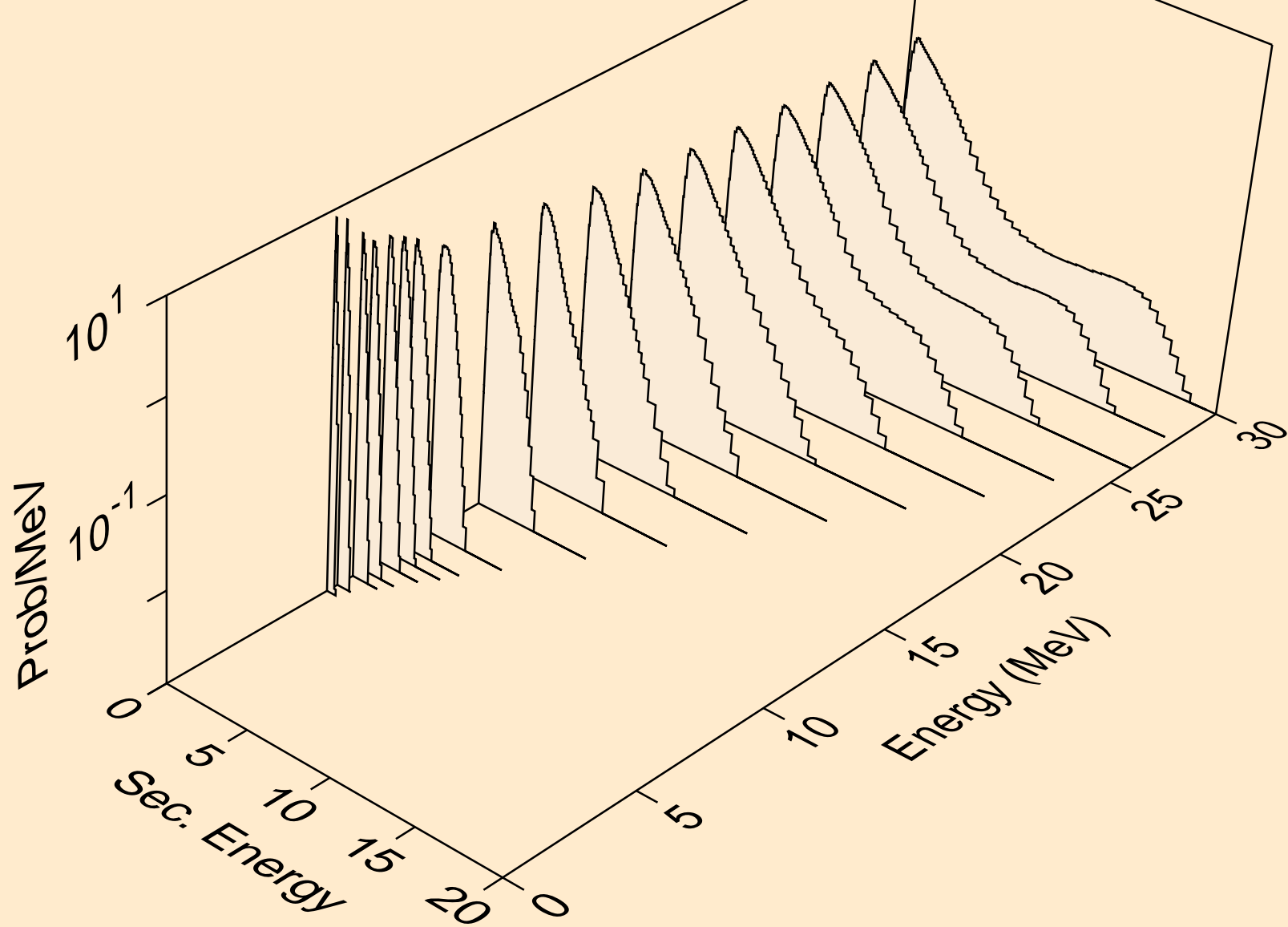
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



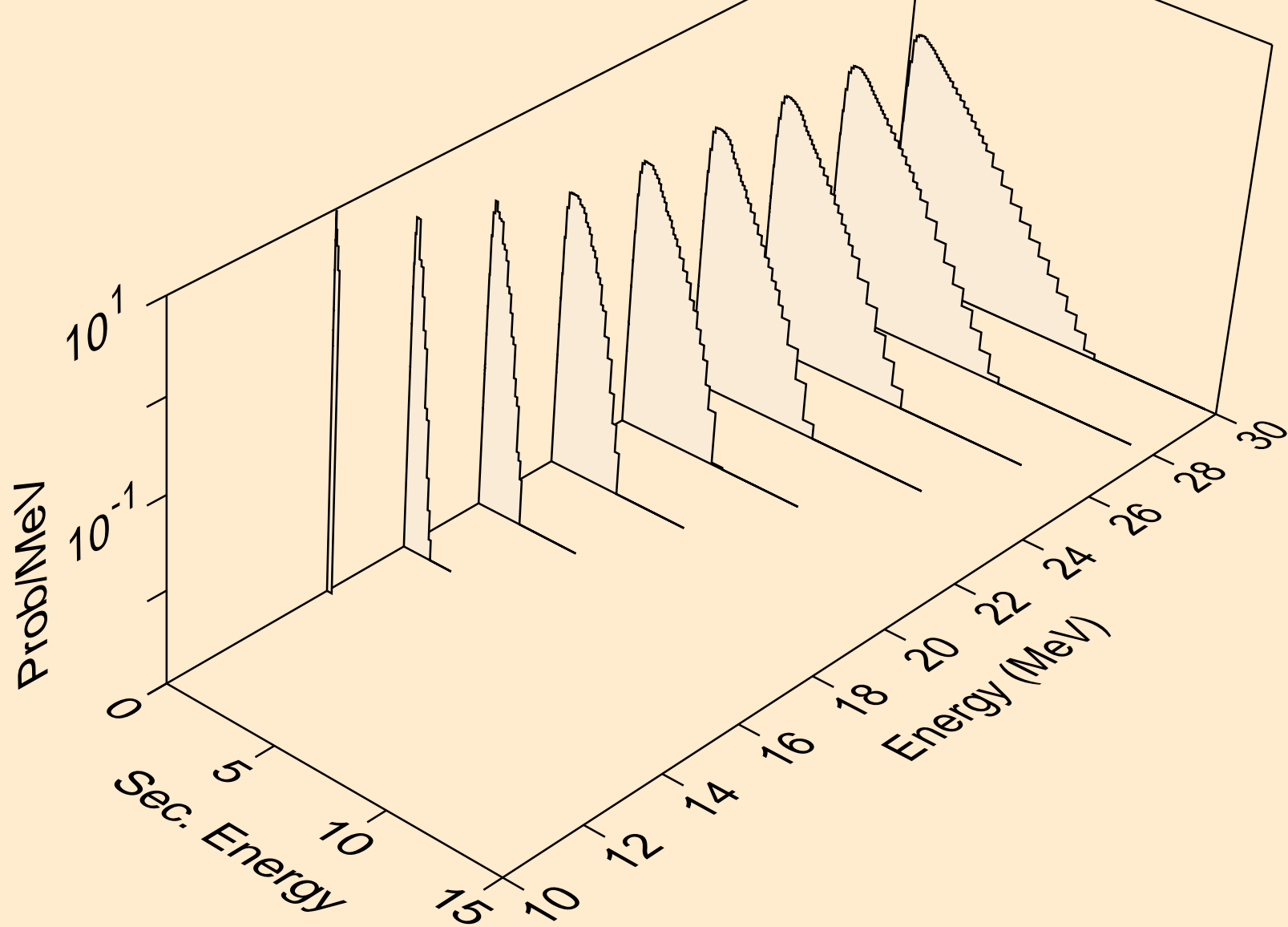
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



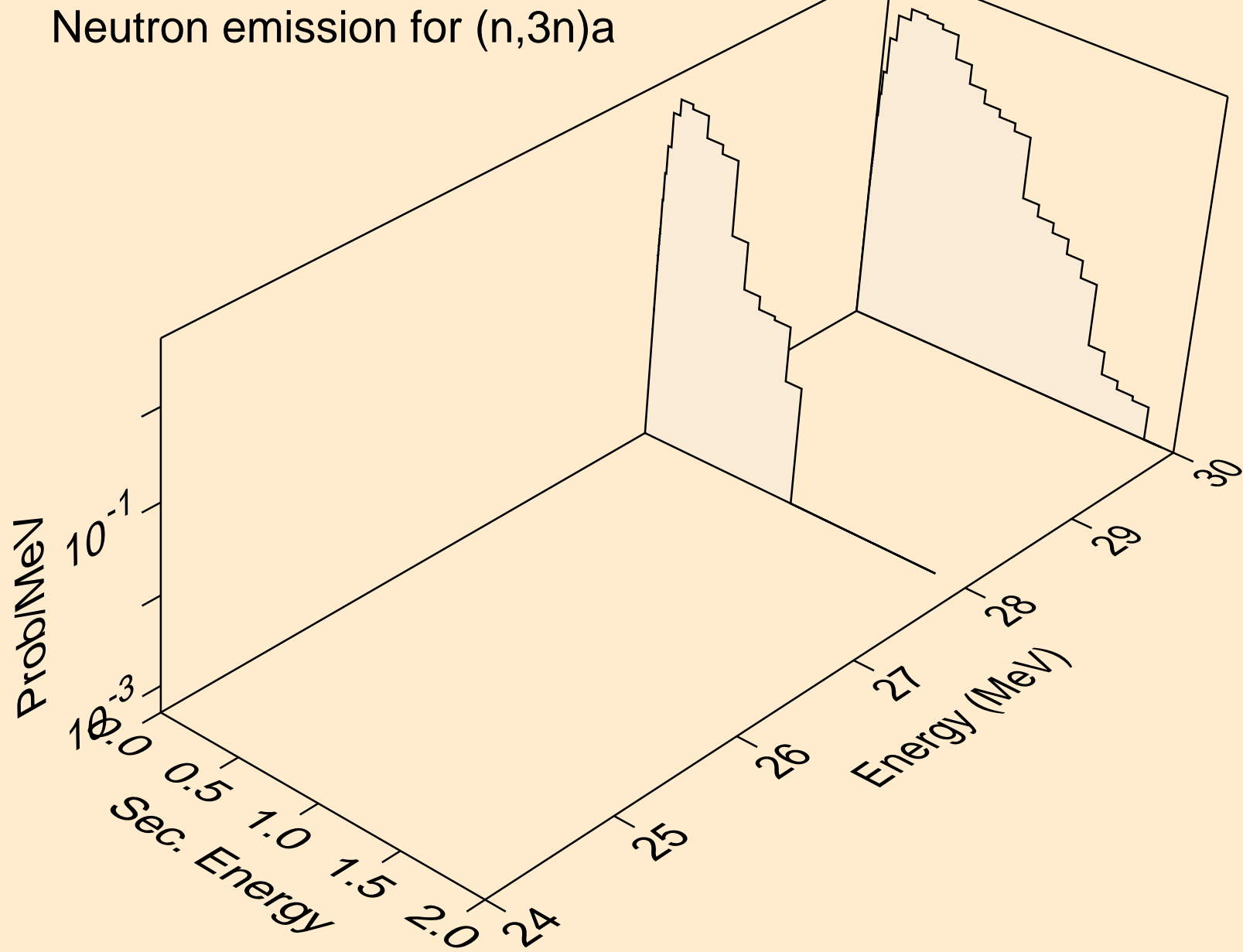
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>

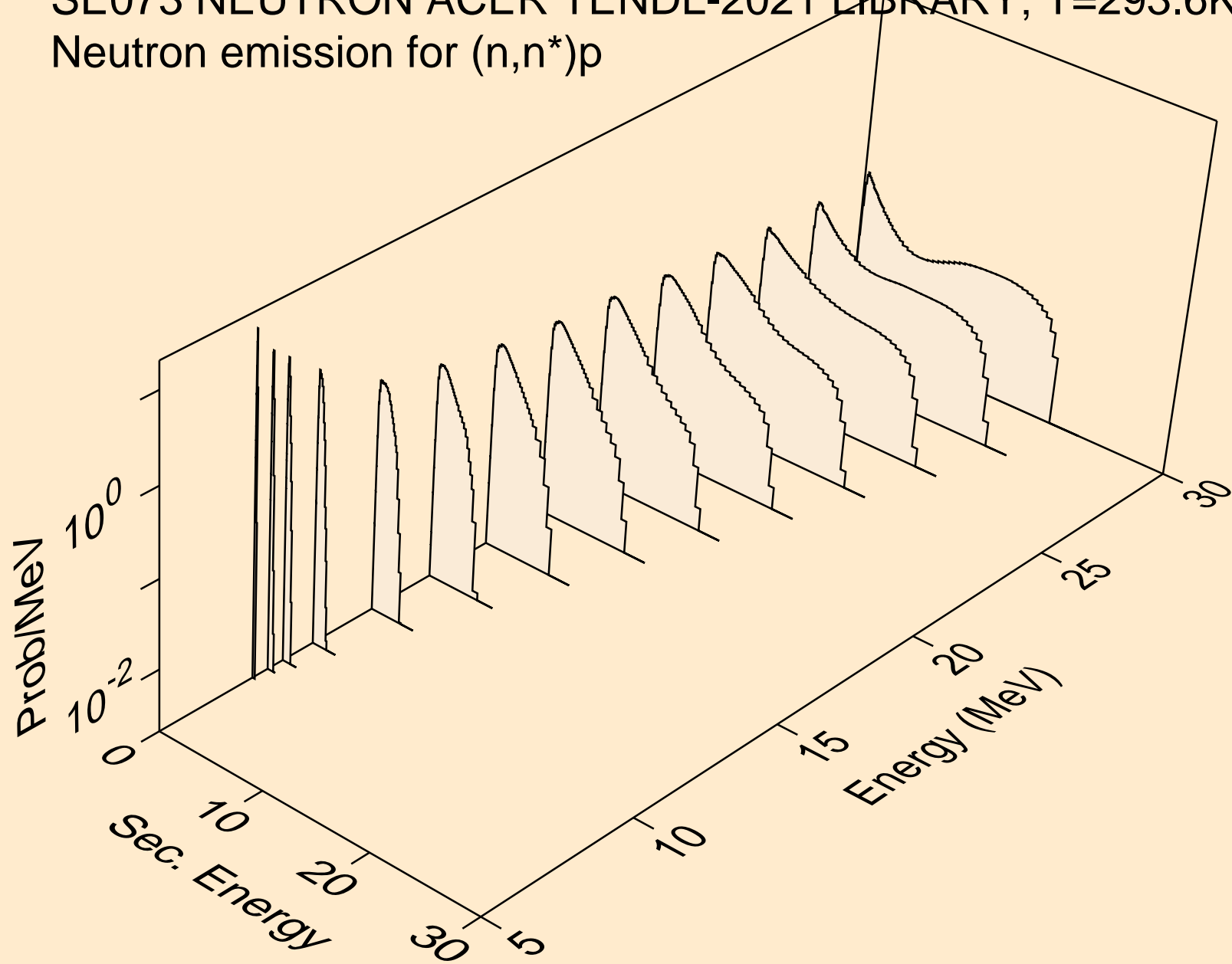


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

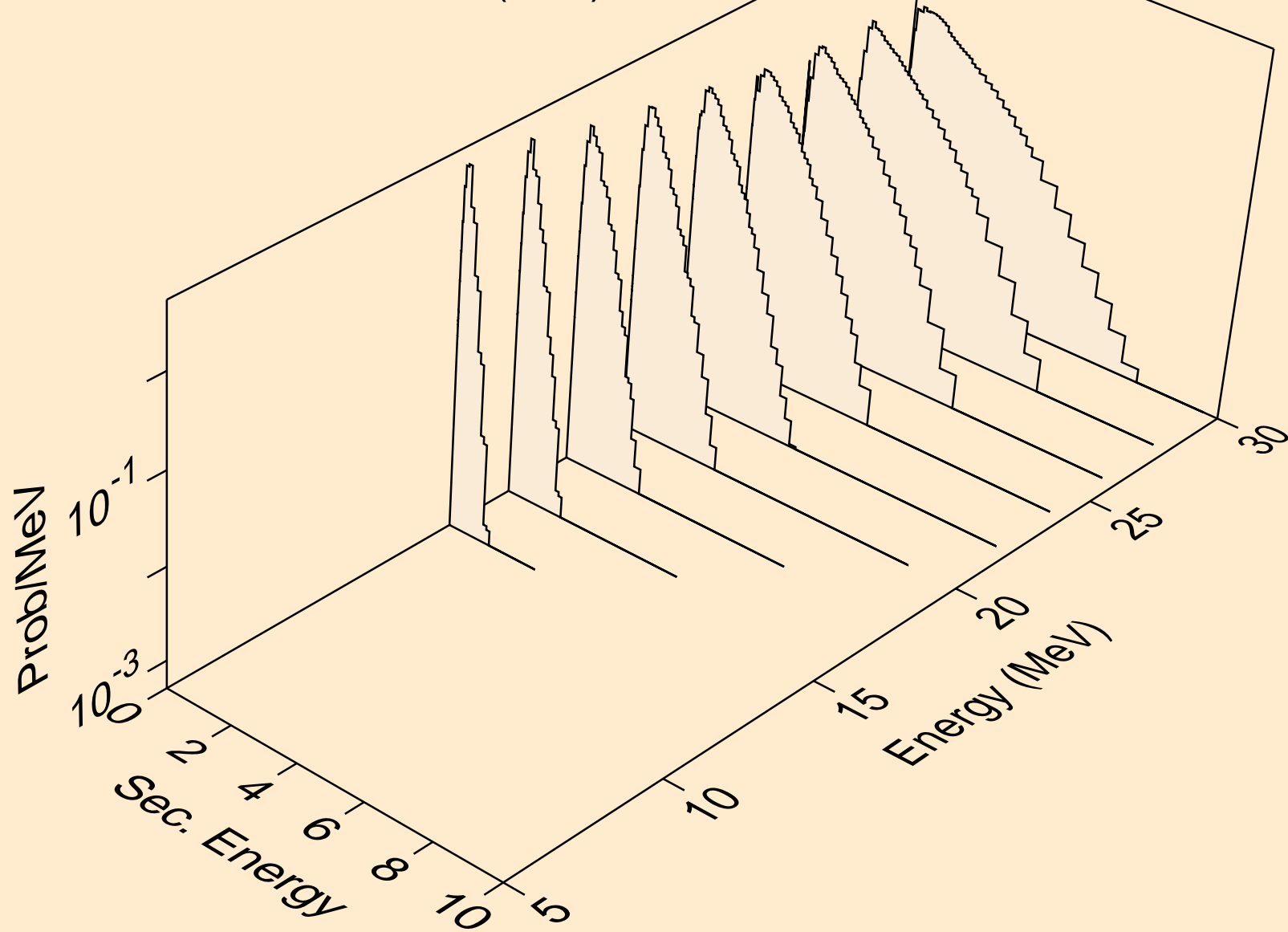




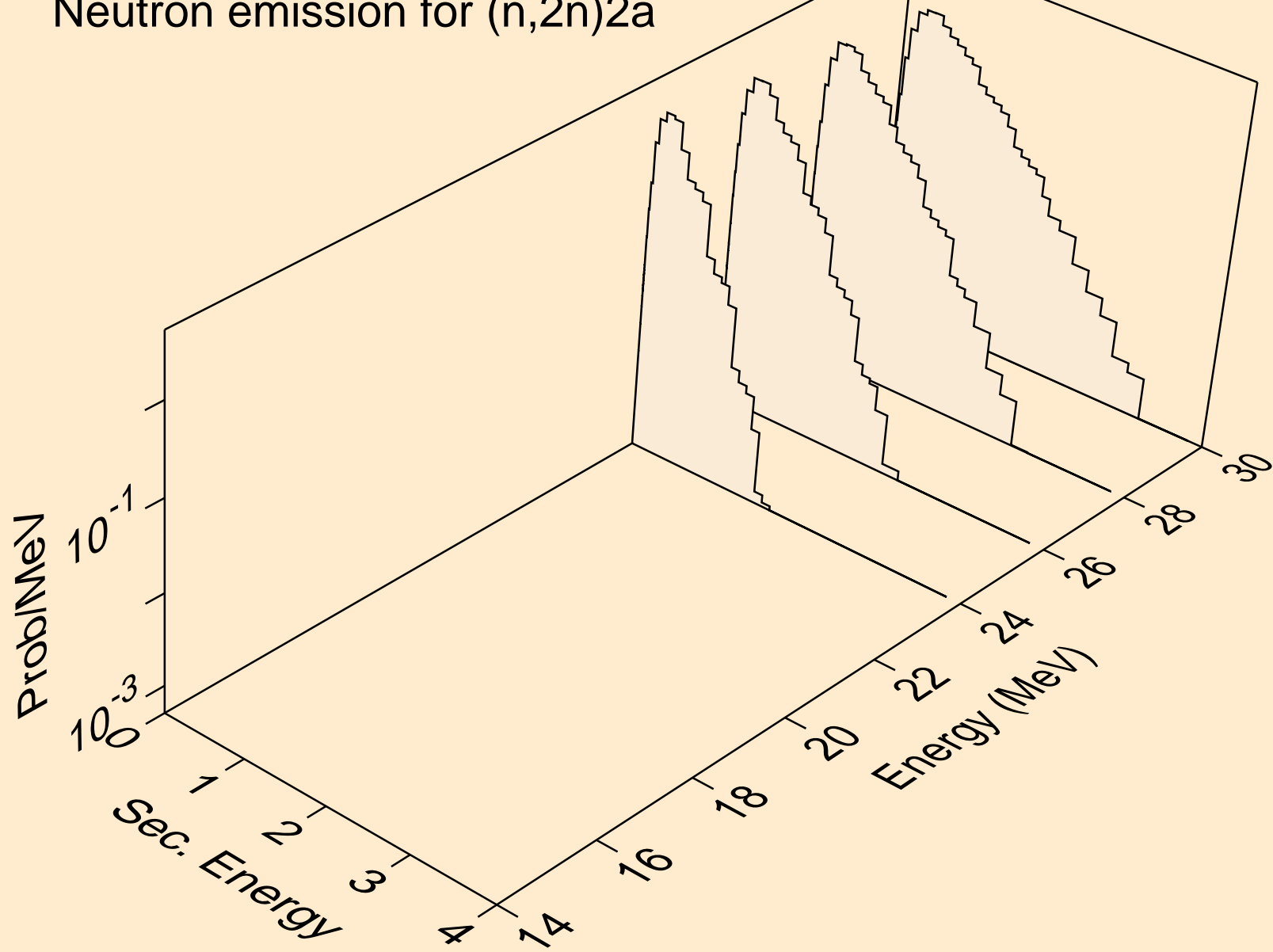
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



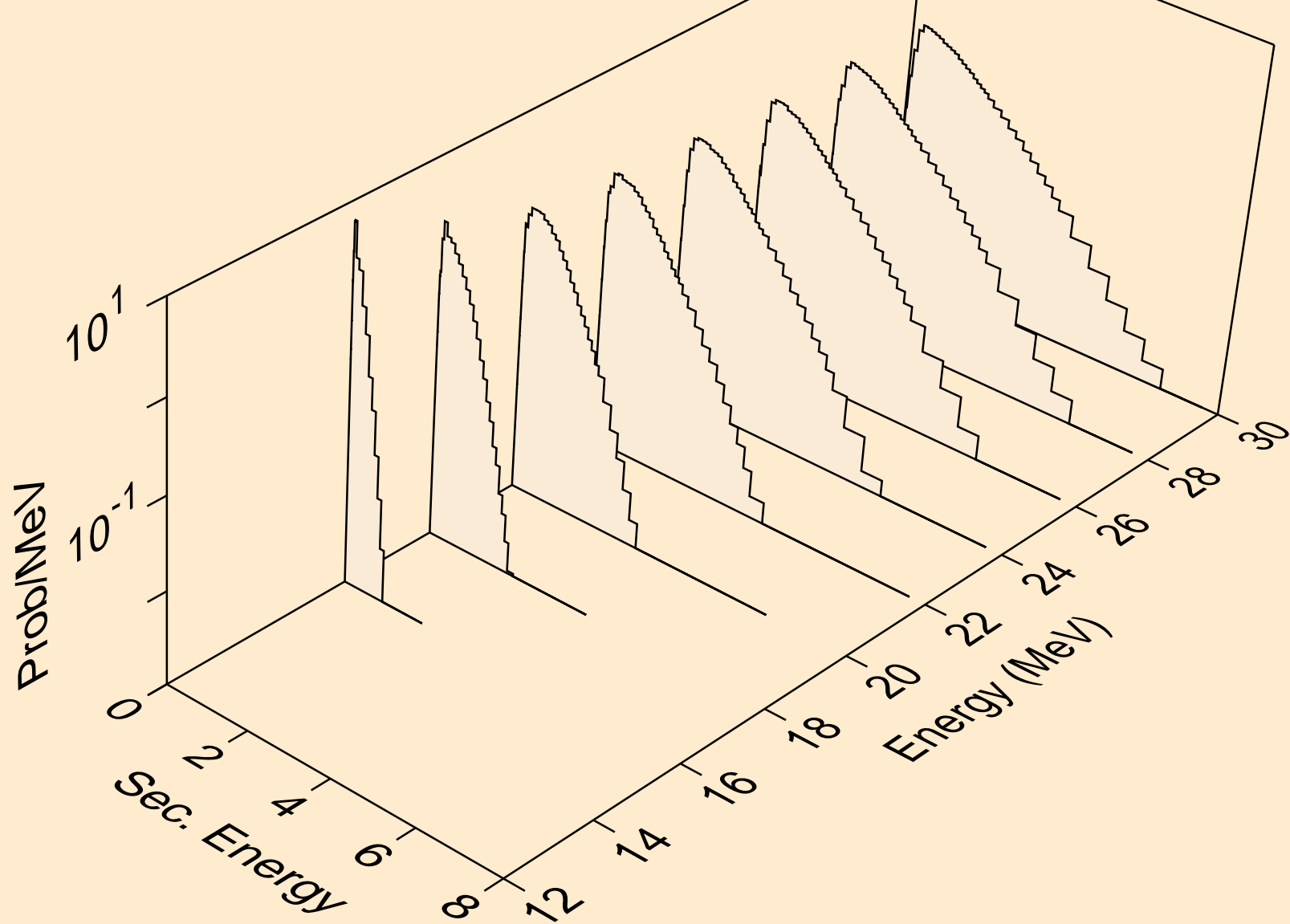
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



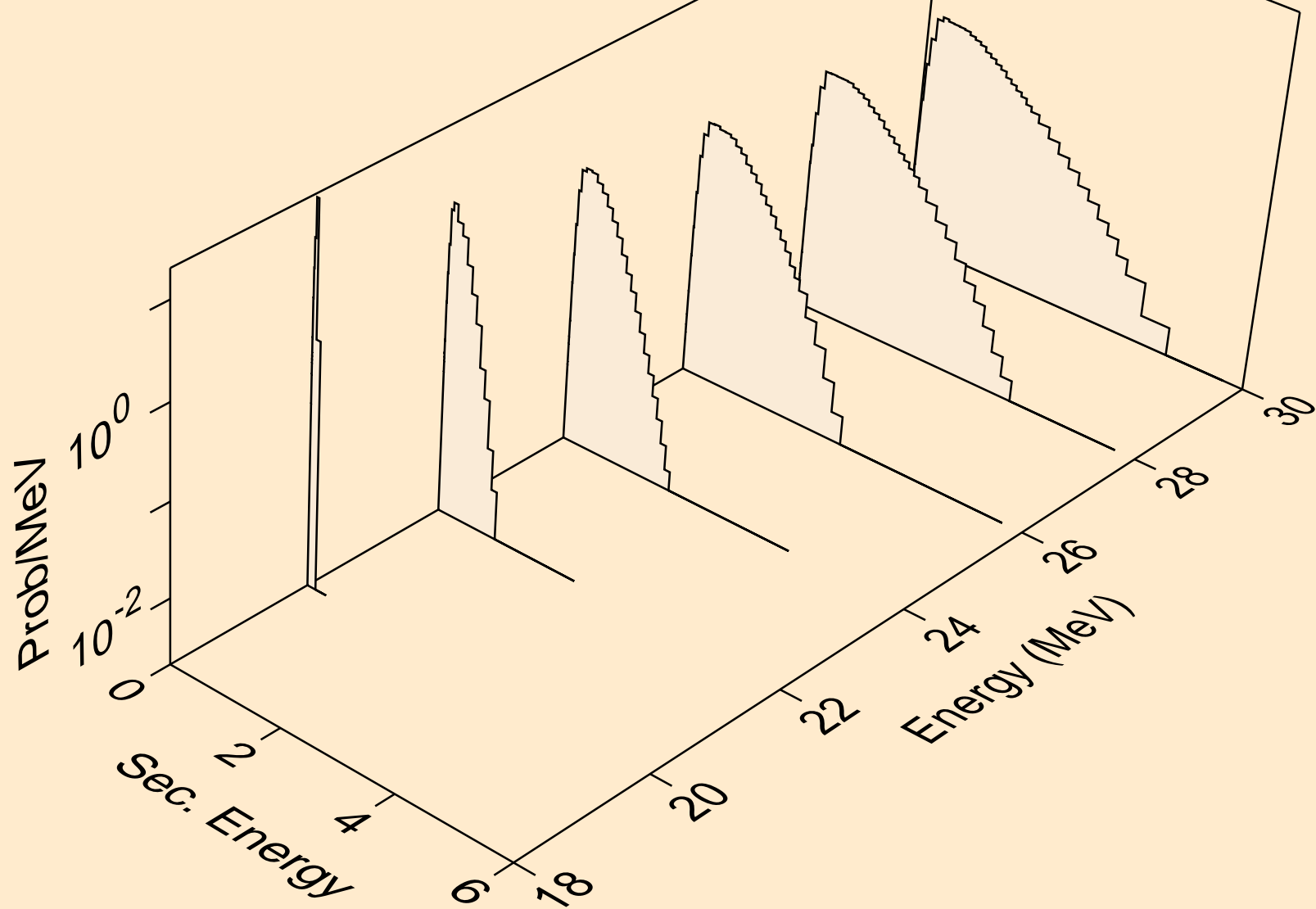
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



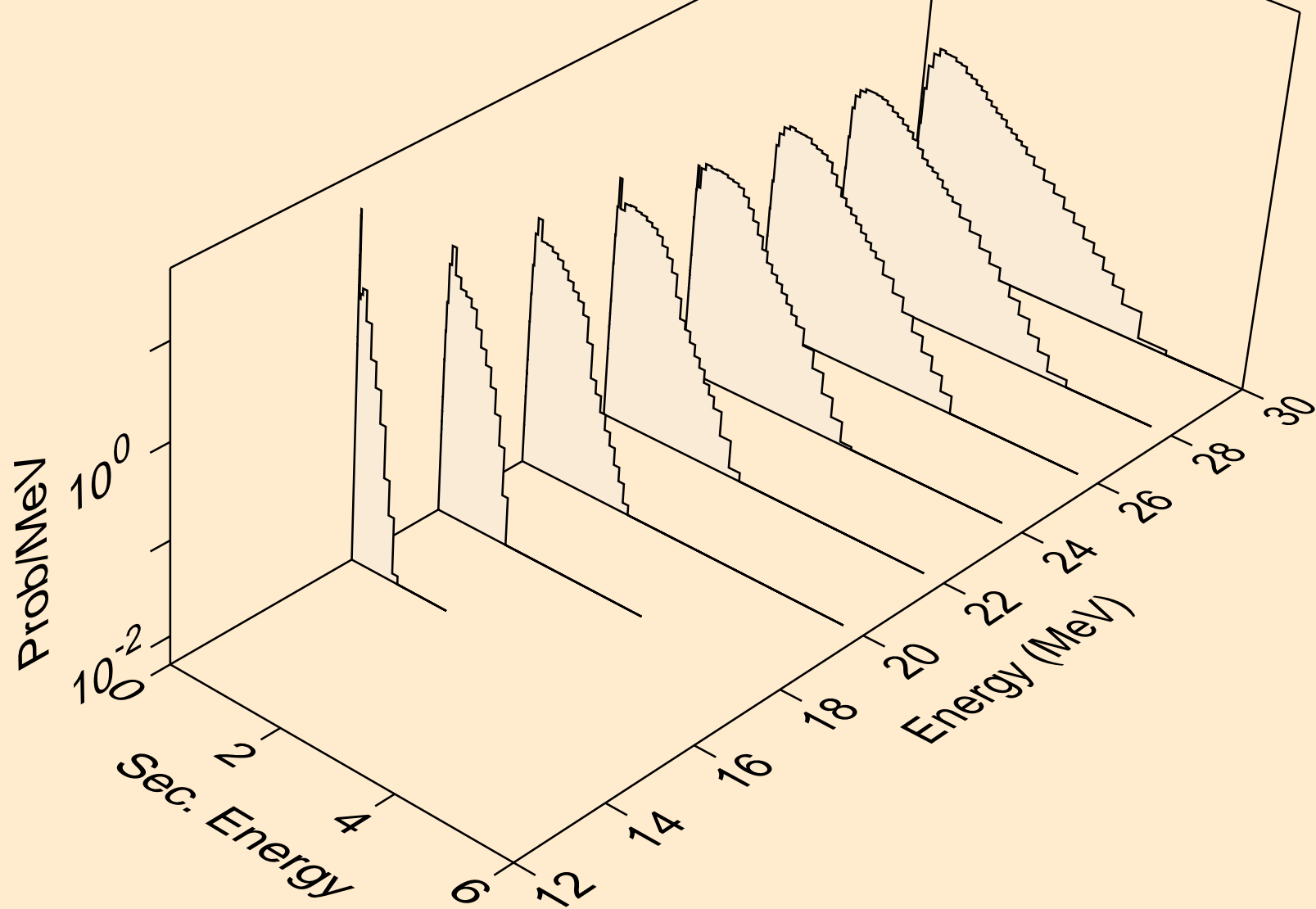
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



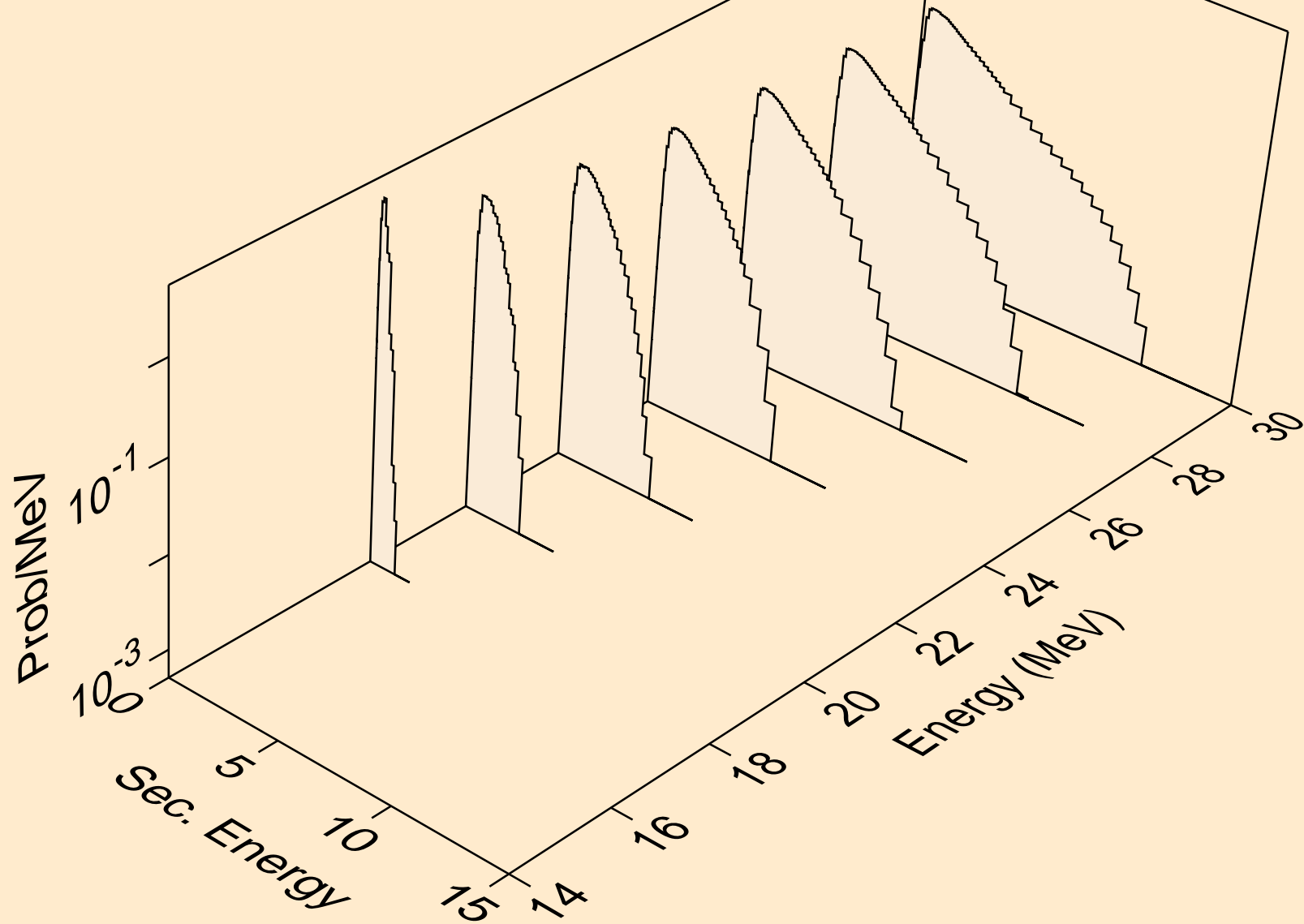
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



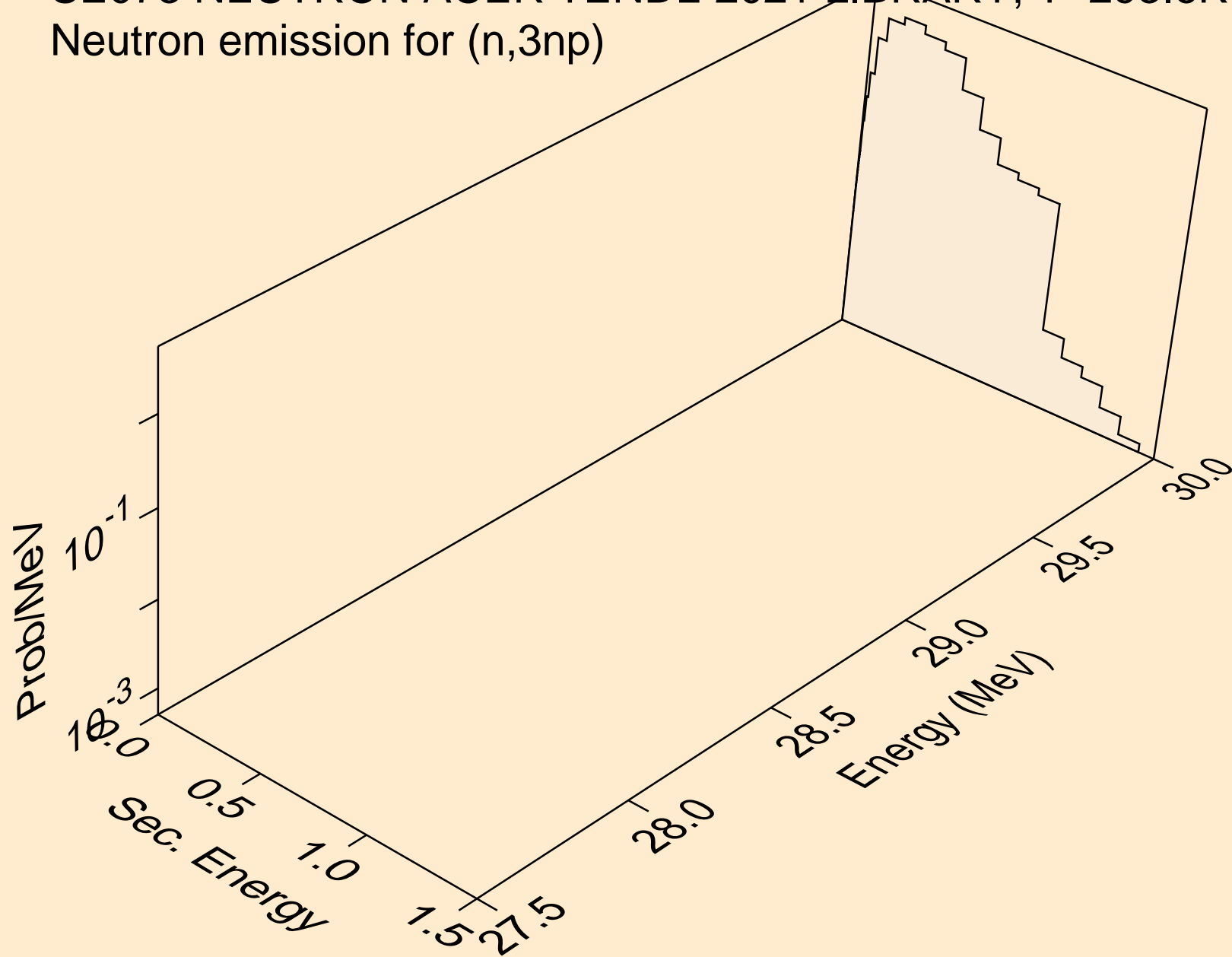
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

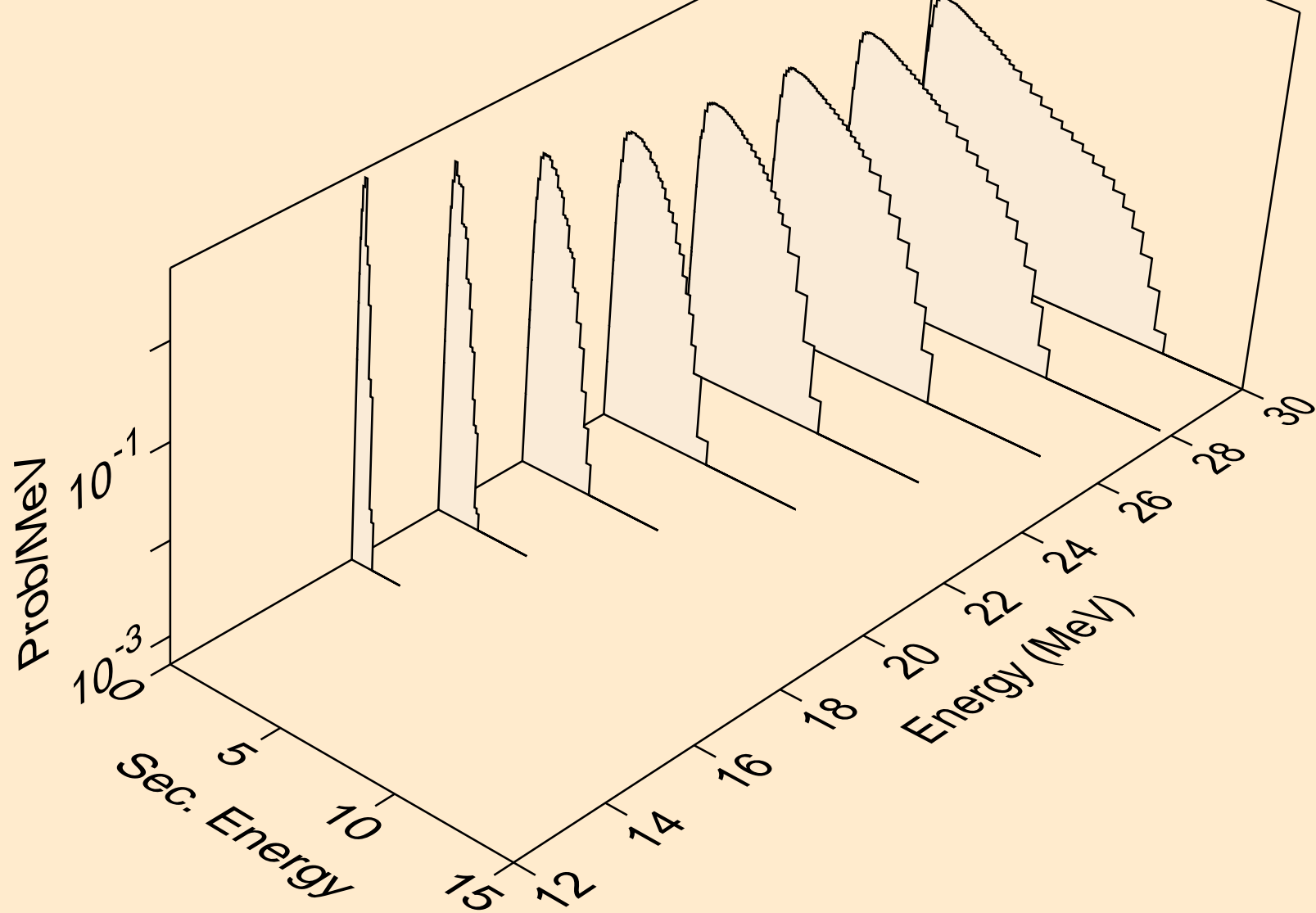


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

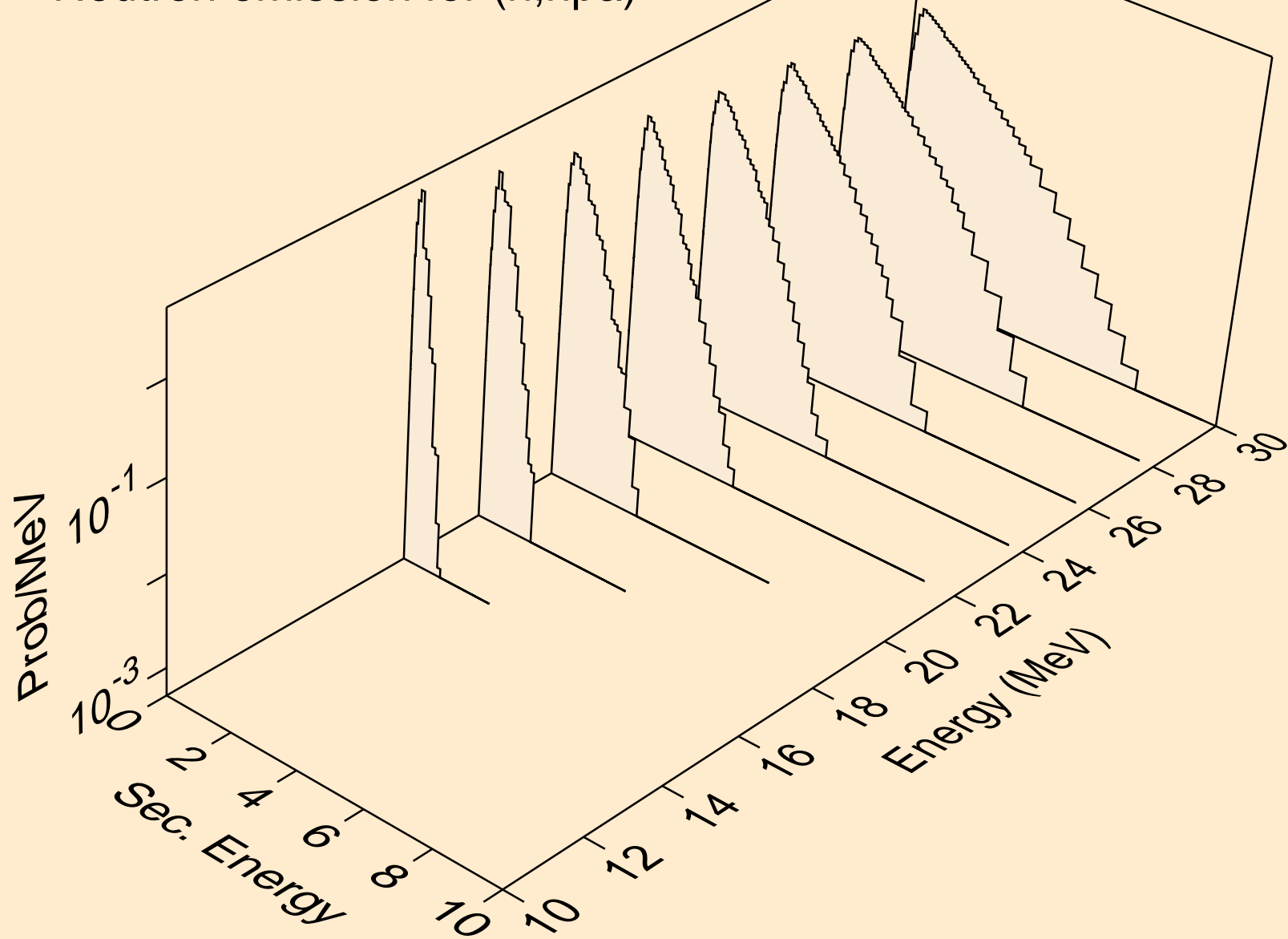




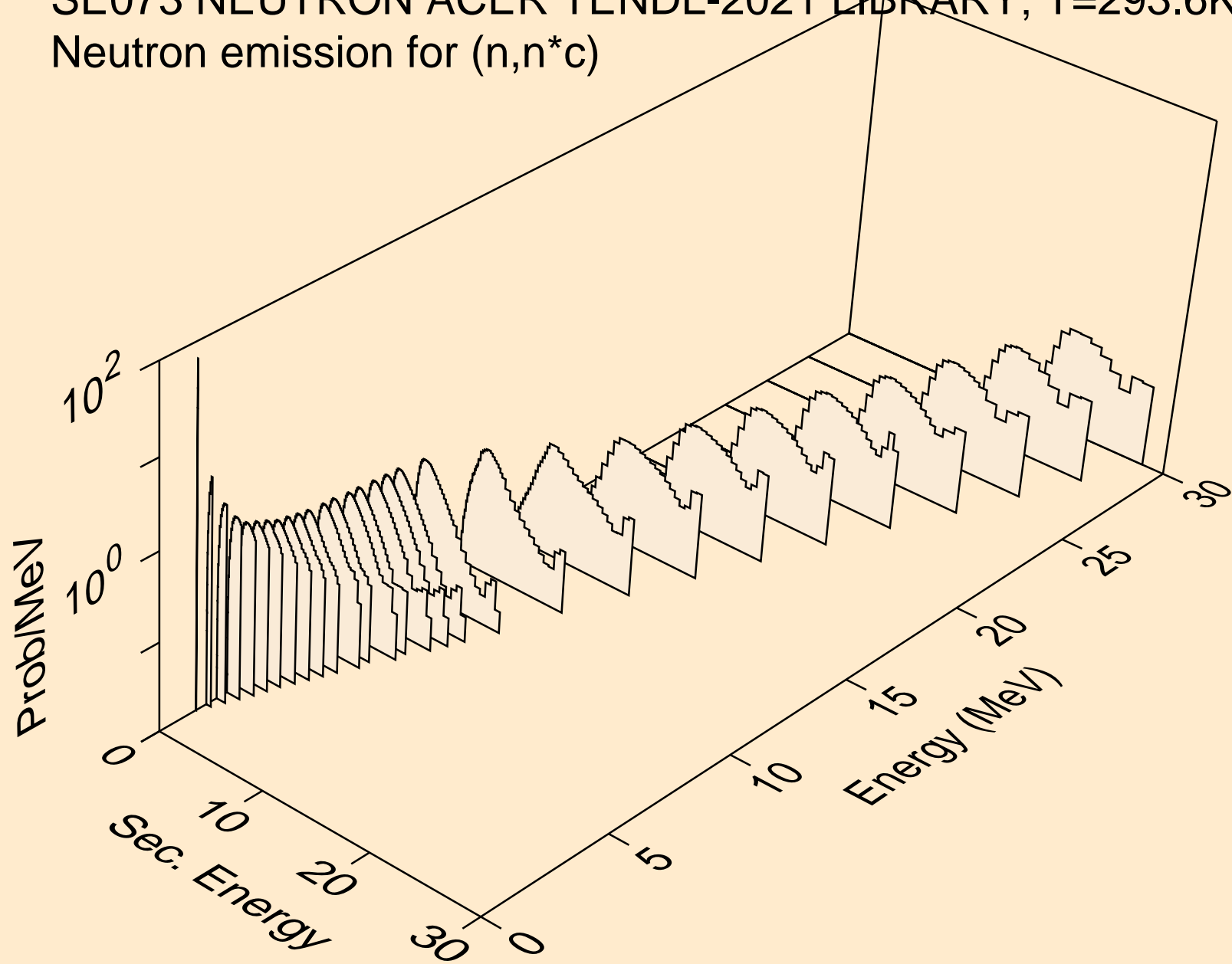
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



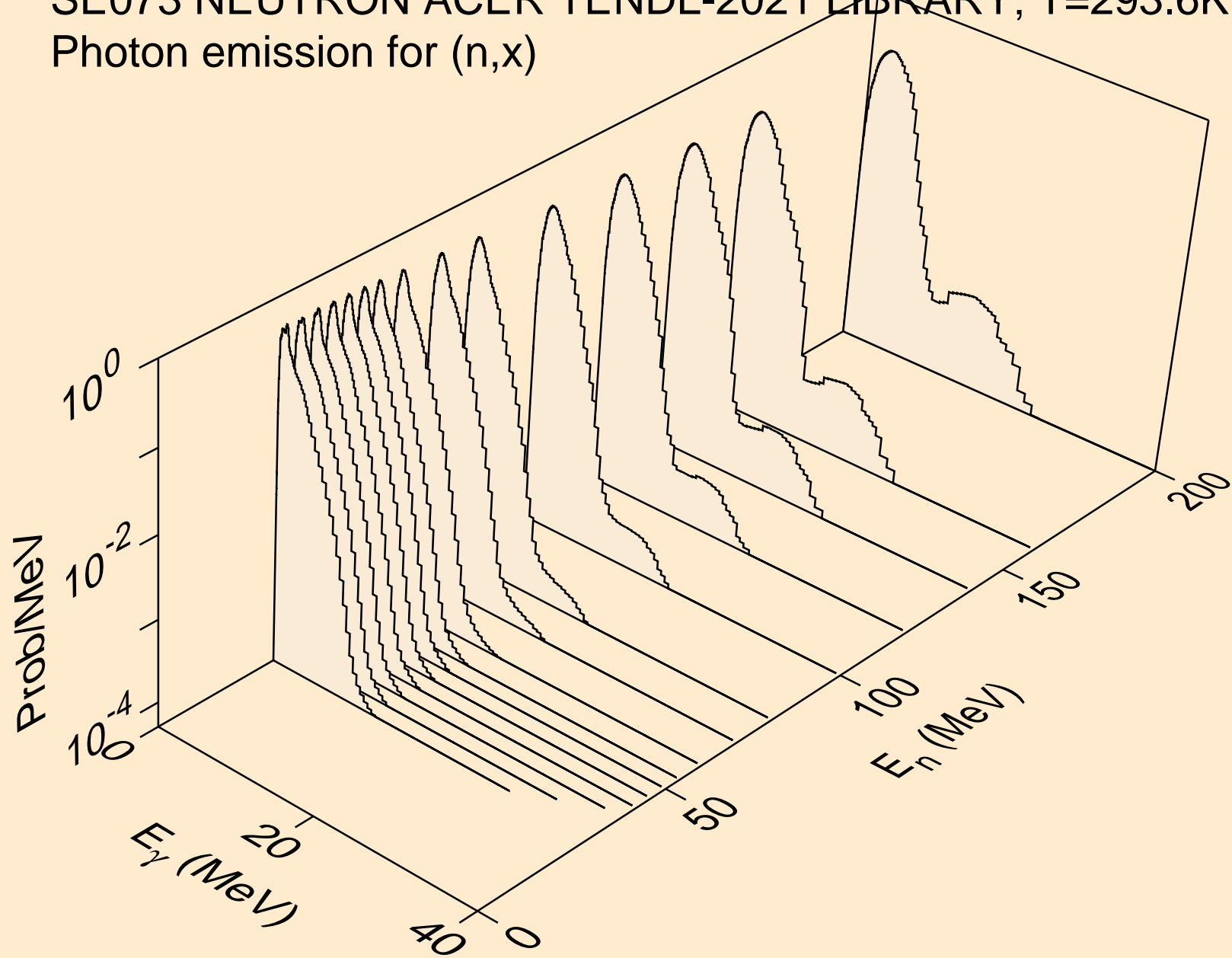
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



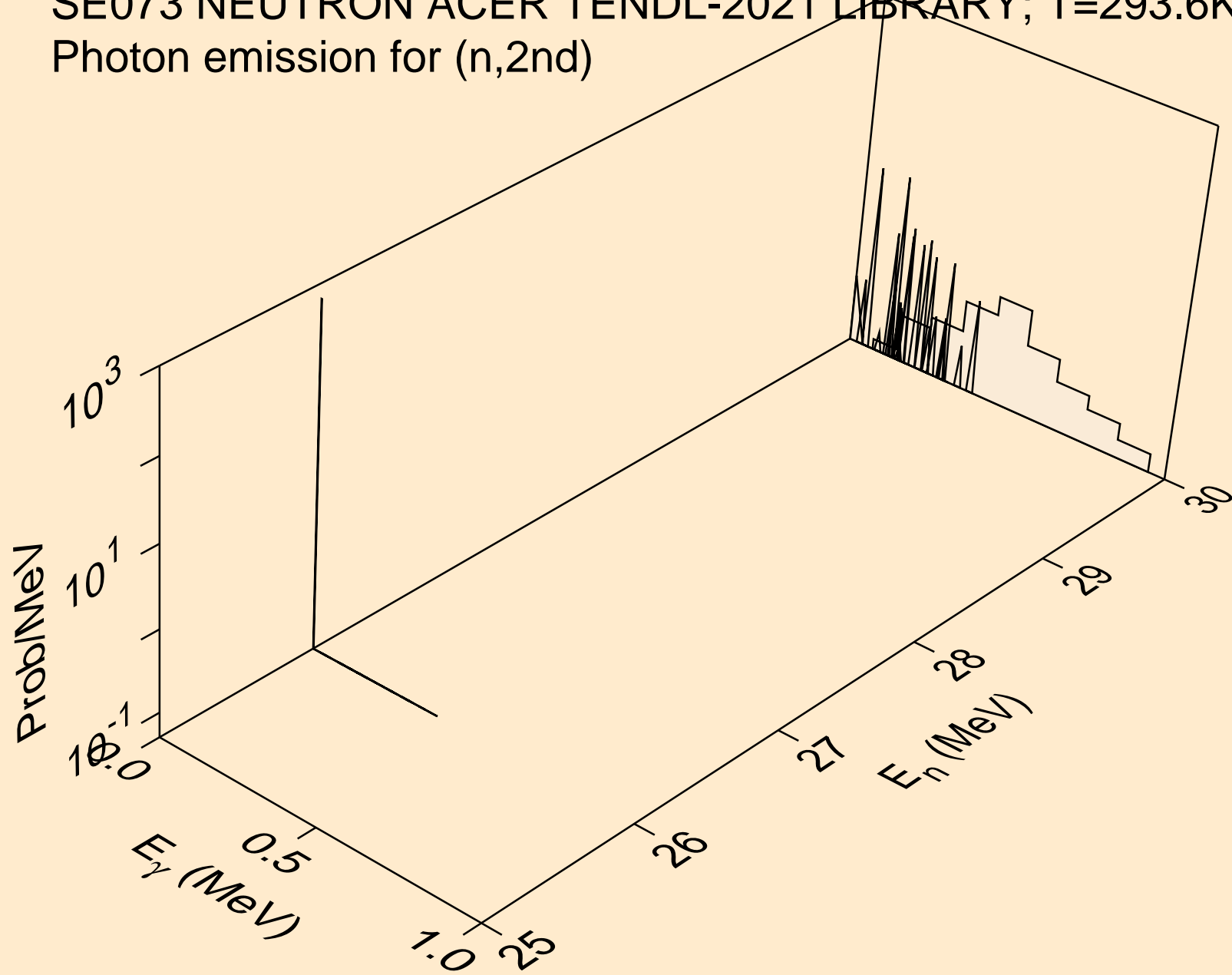
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



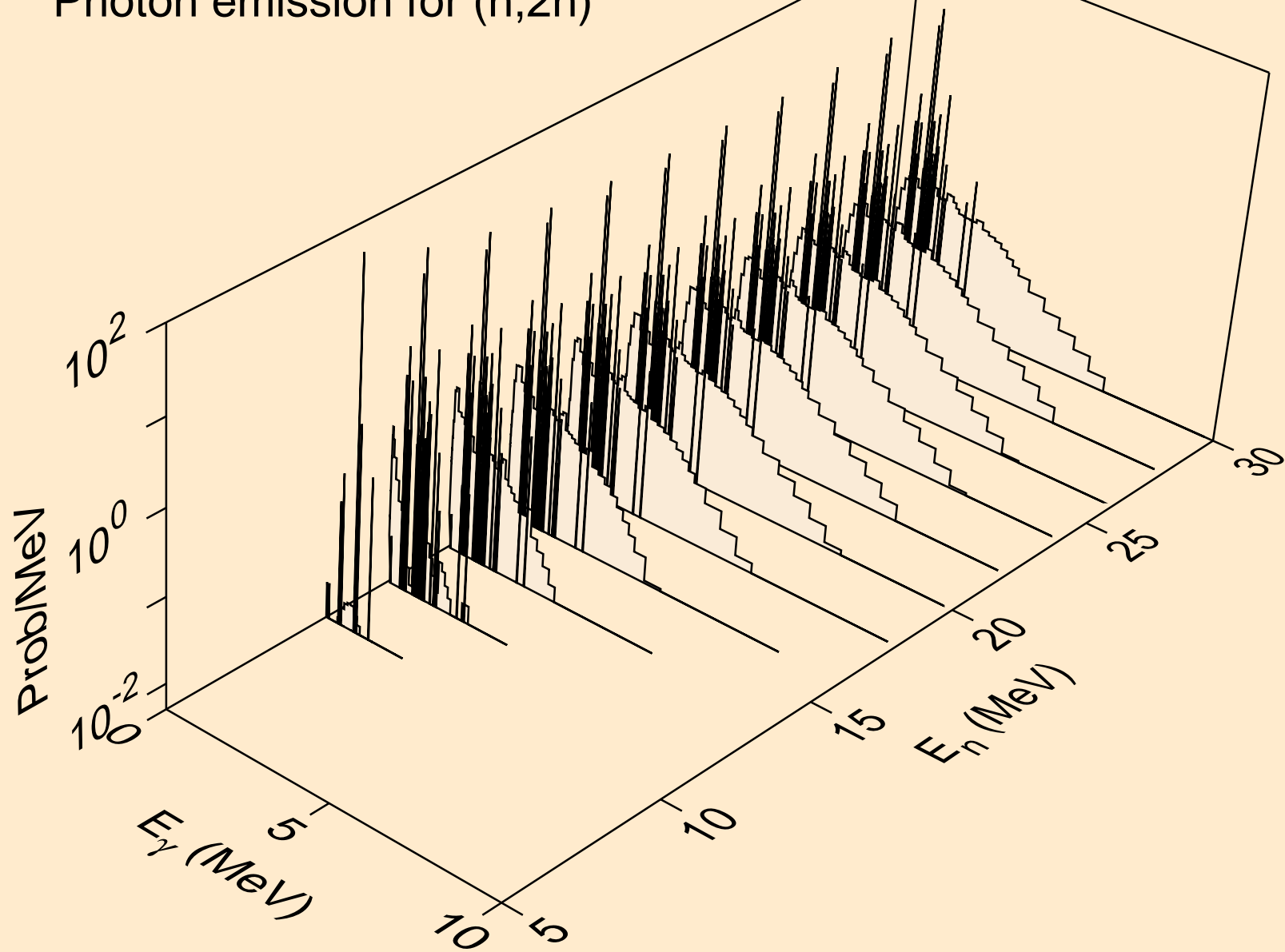
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



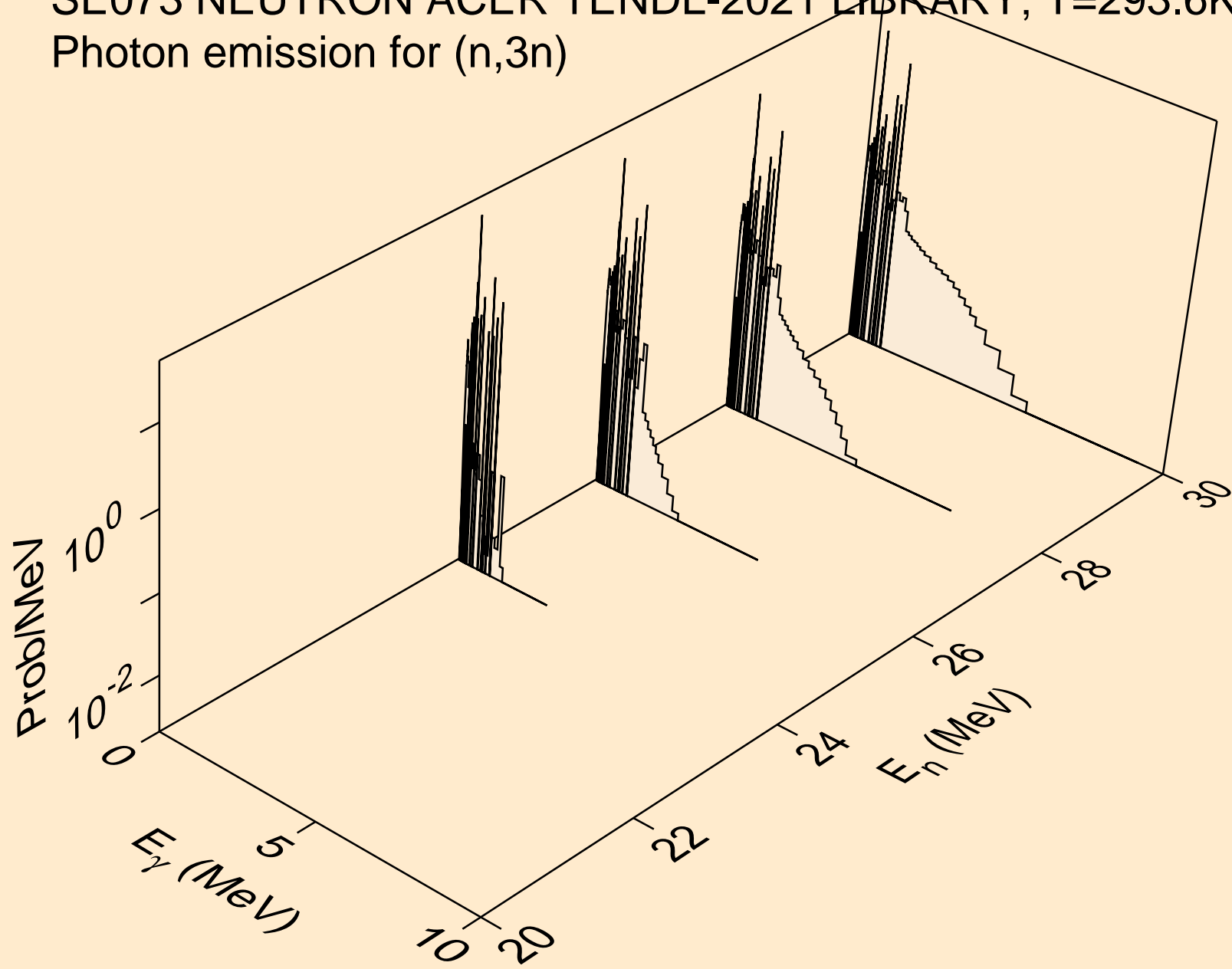
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



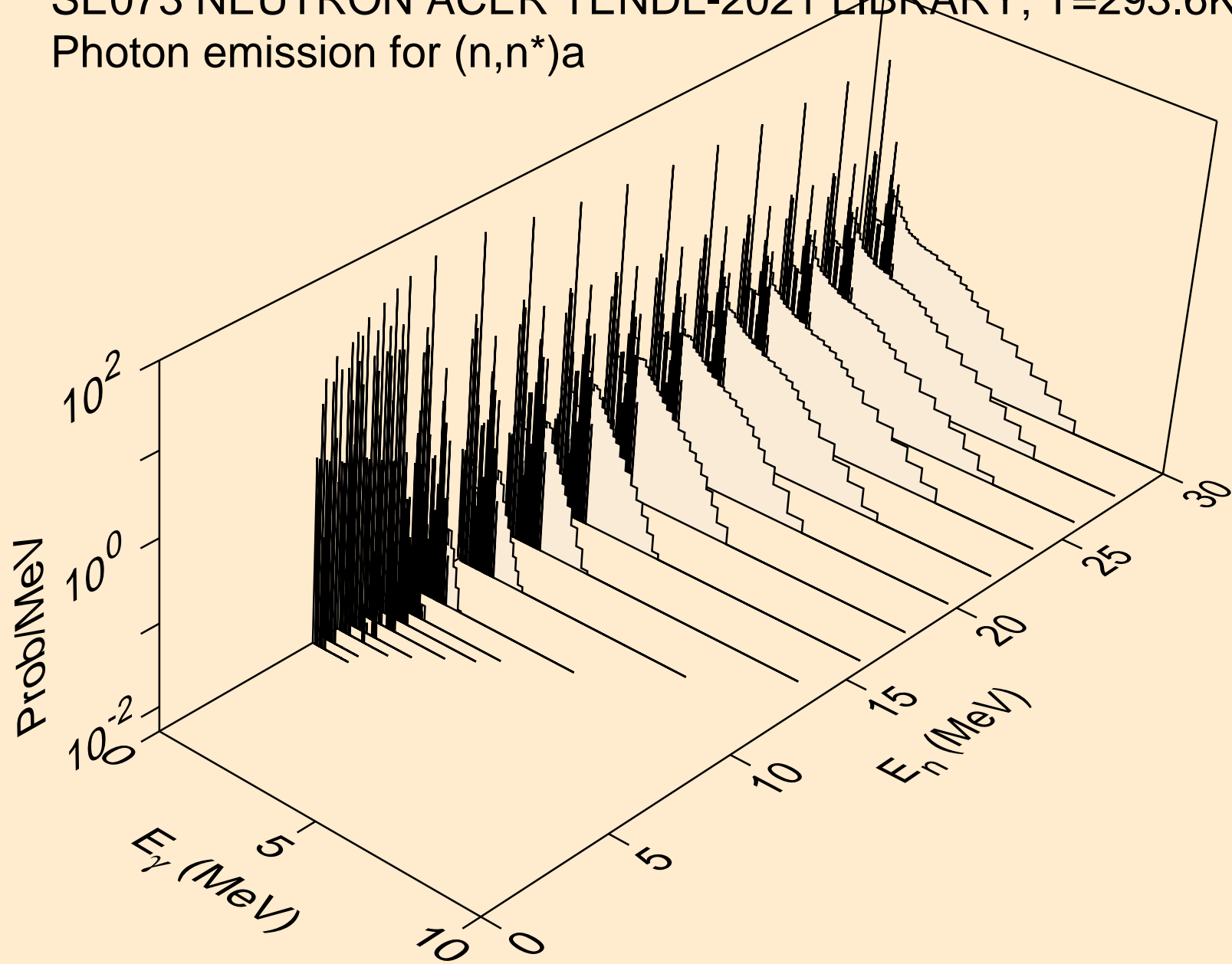
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

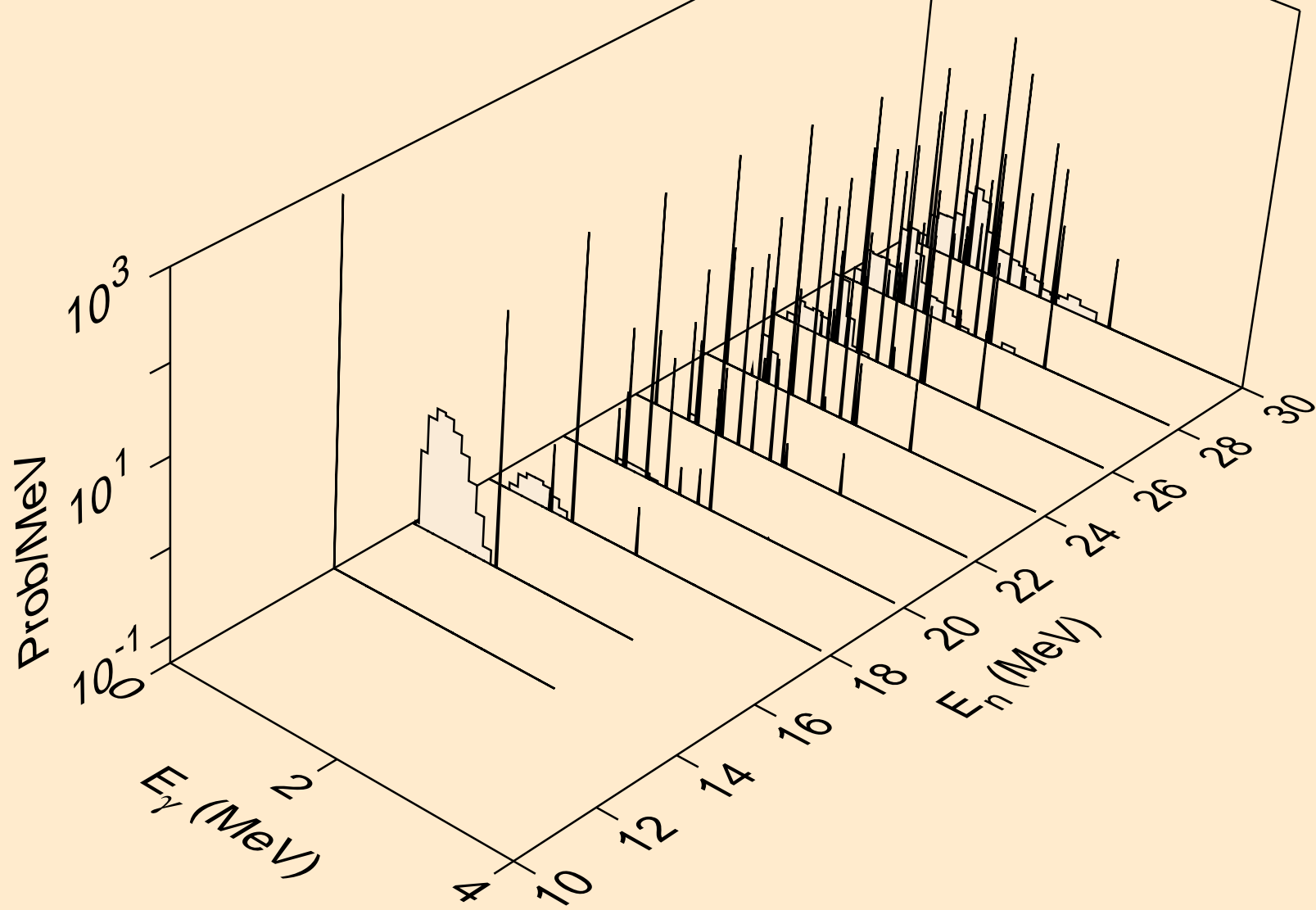


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

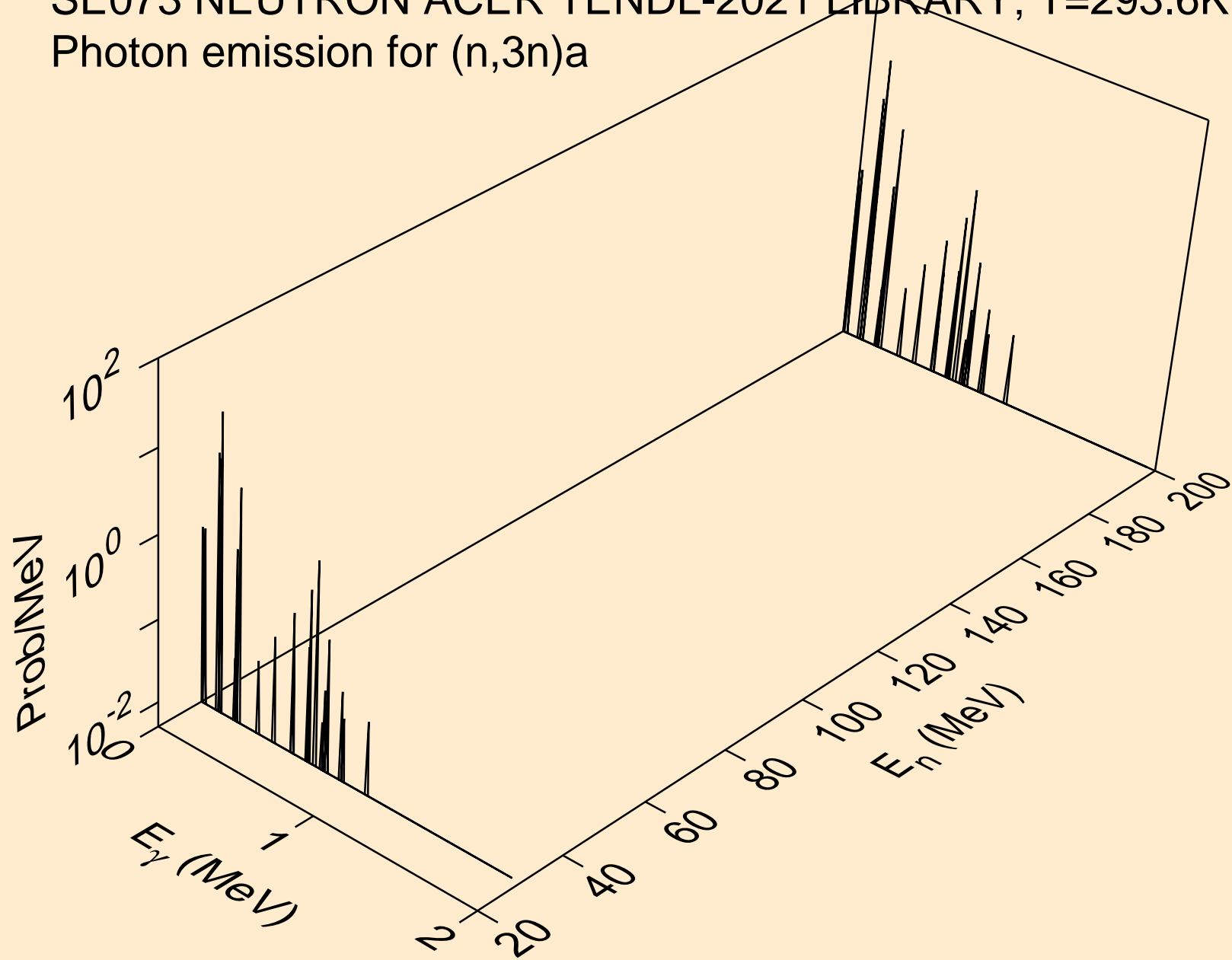




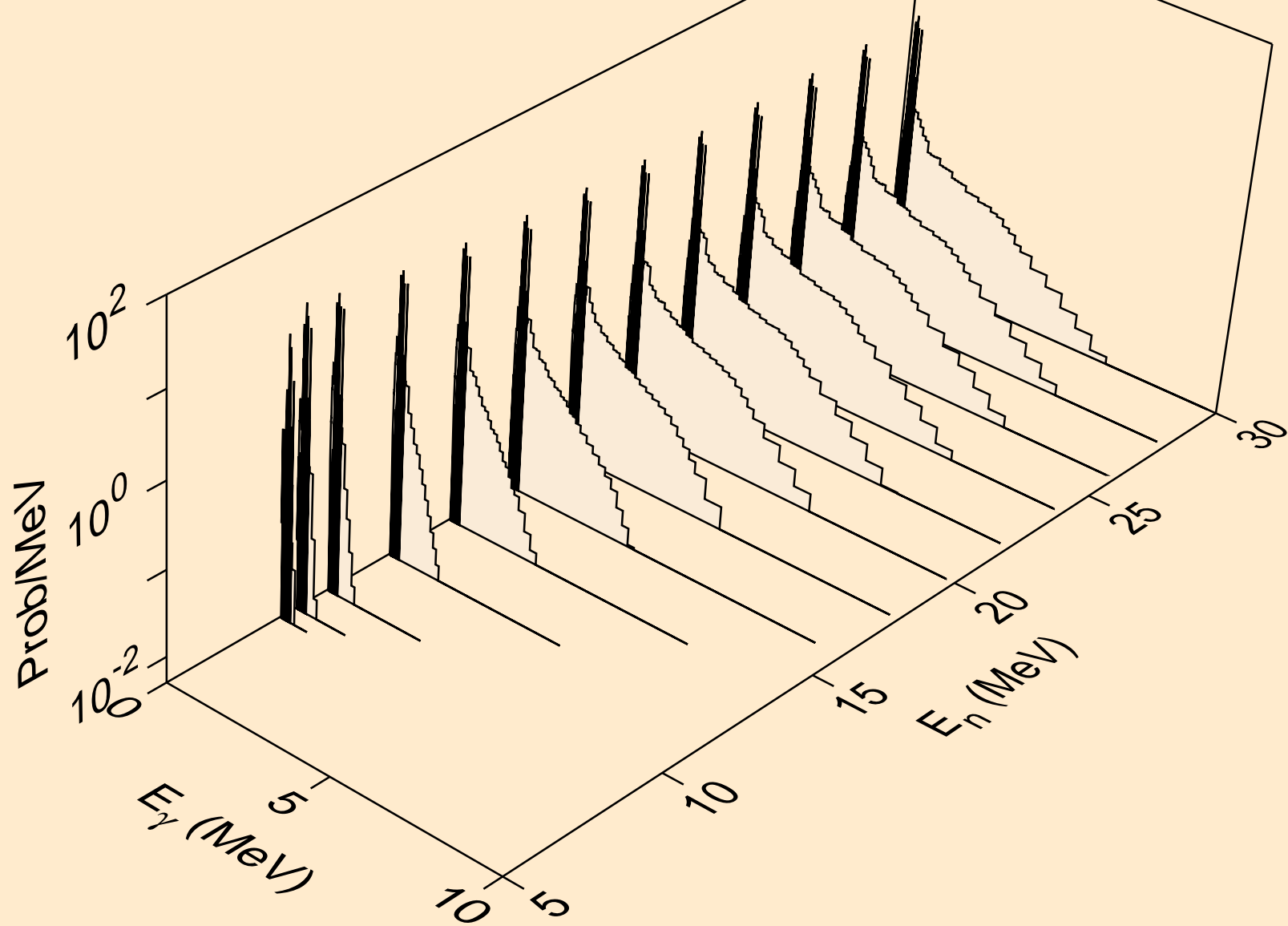
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Photon emission for (n,2n)a



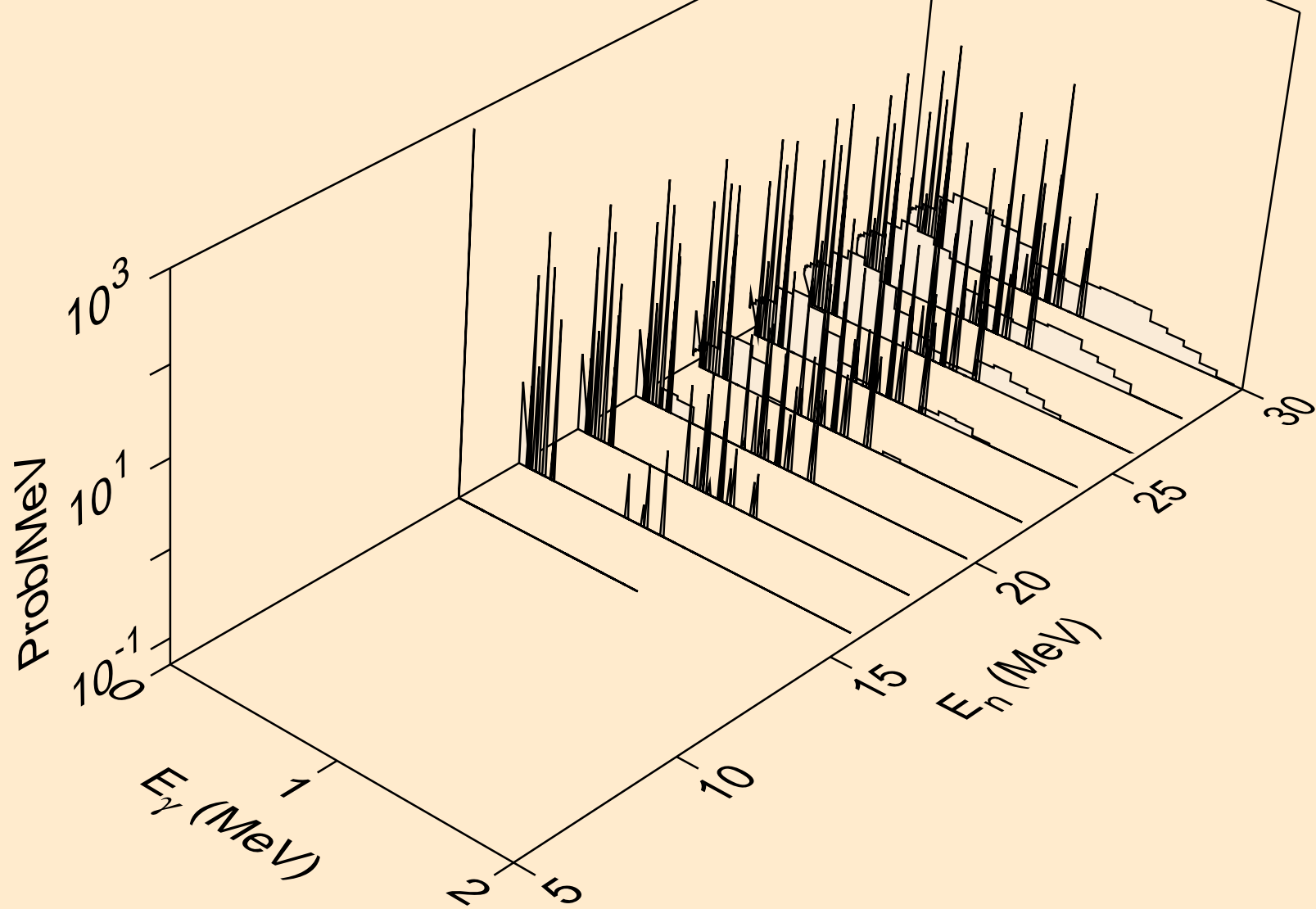
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Photon emission for (n,3n)a



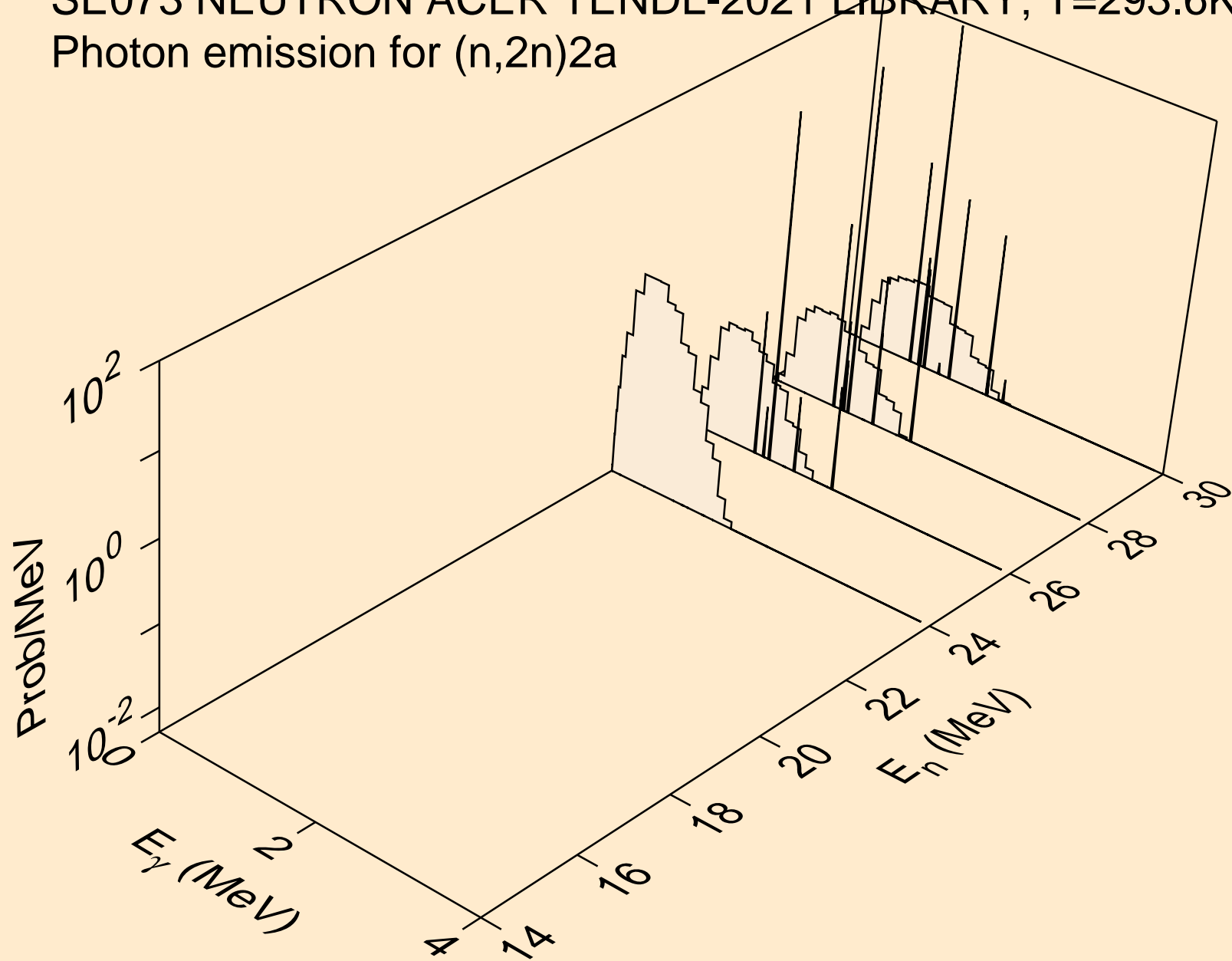
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



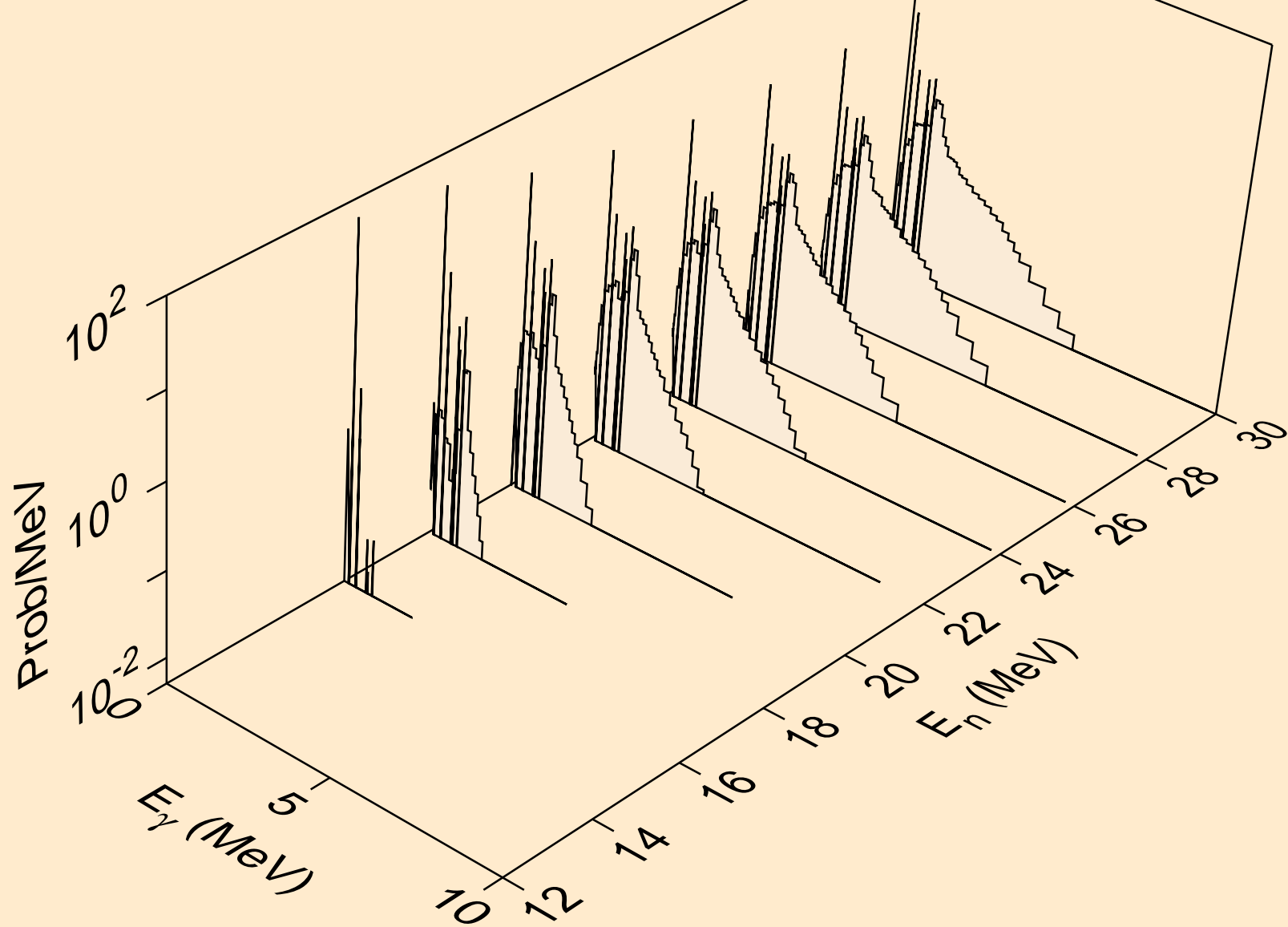
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Photon emission for (n,n\*)2a



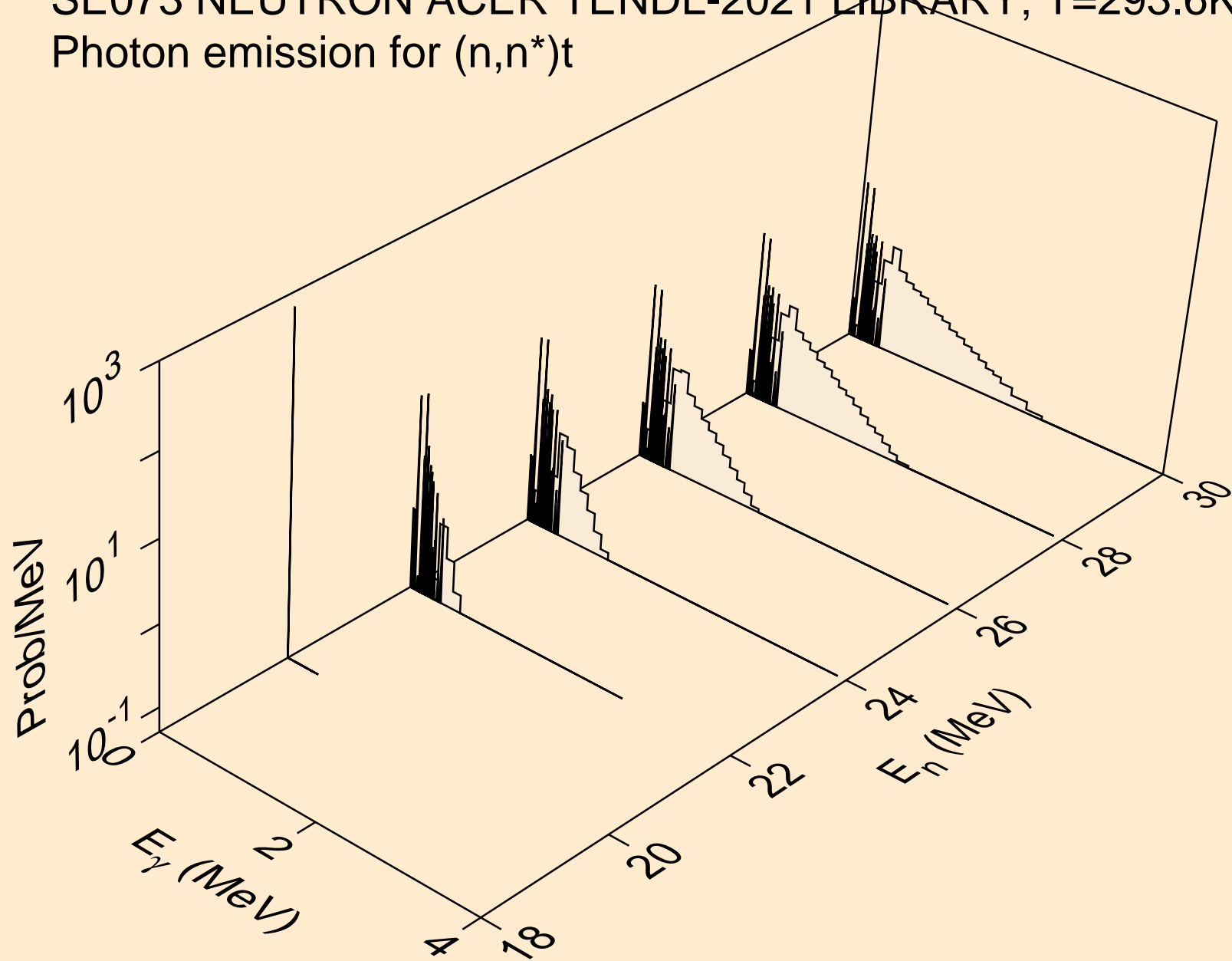
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Photon emission for (n,2n)2a



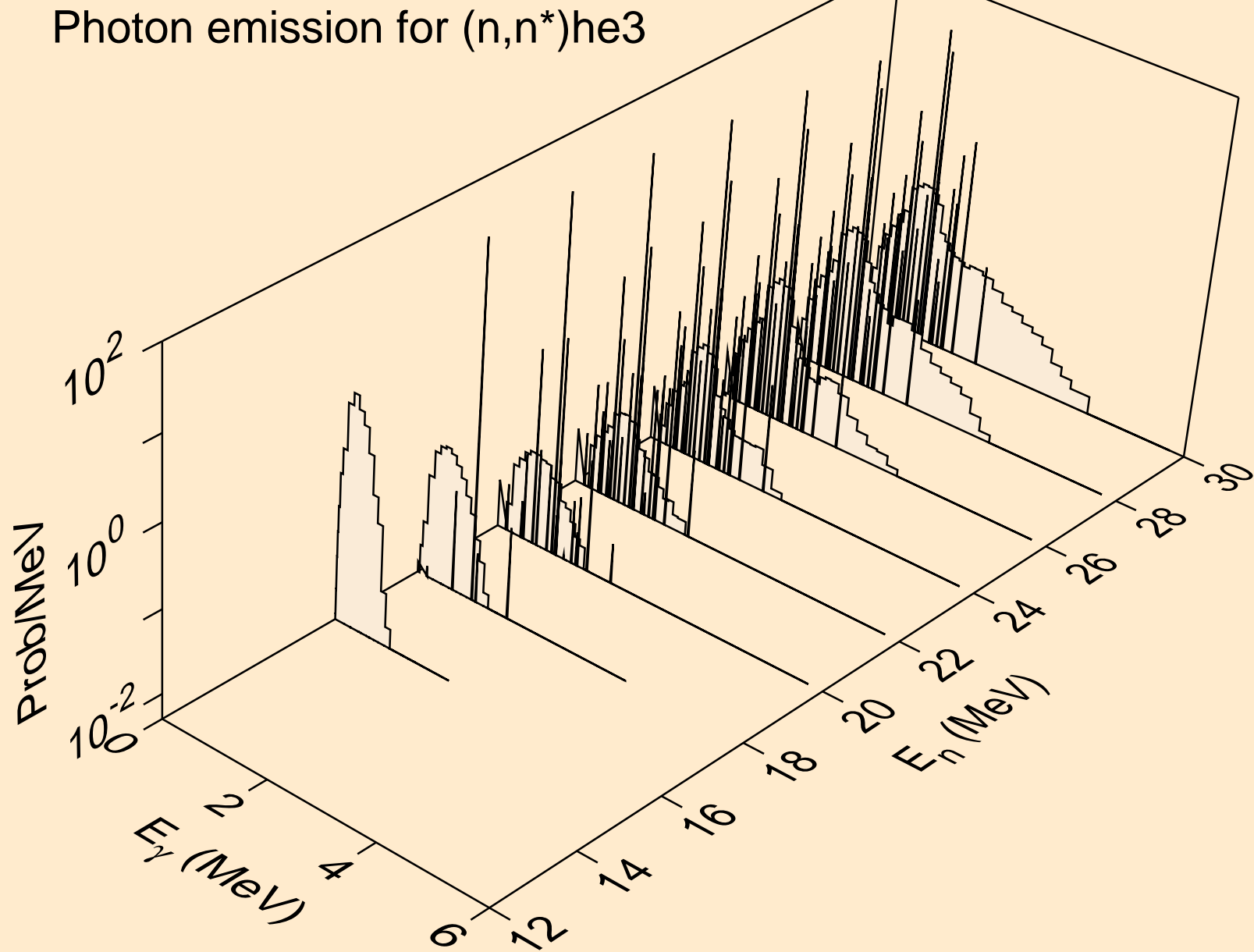
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

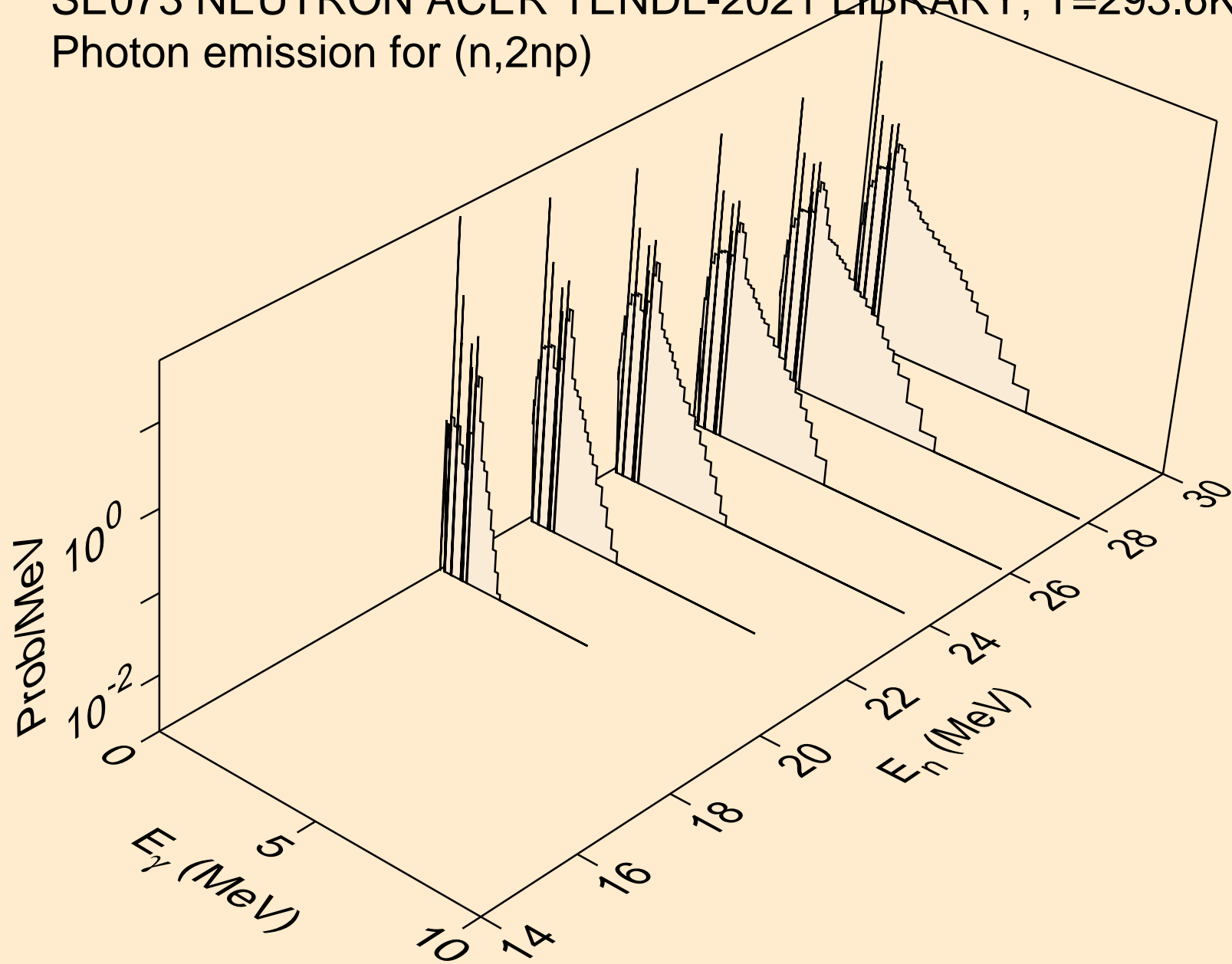


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

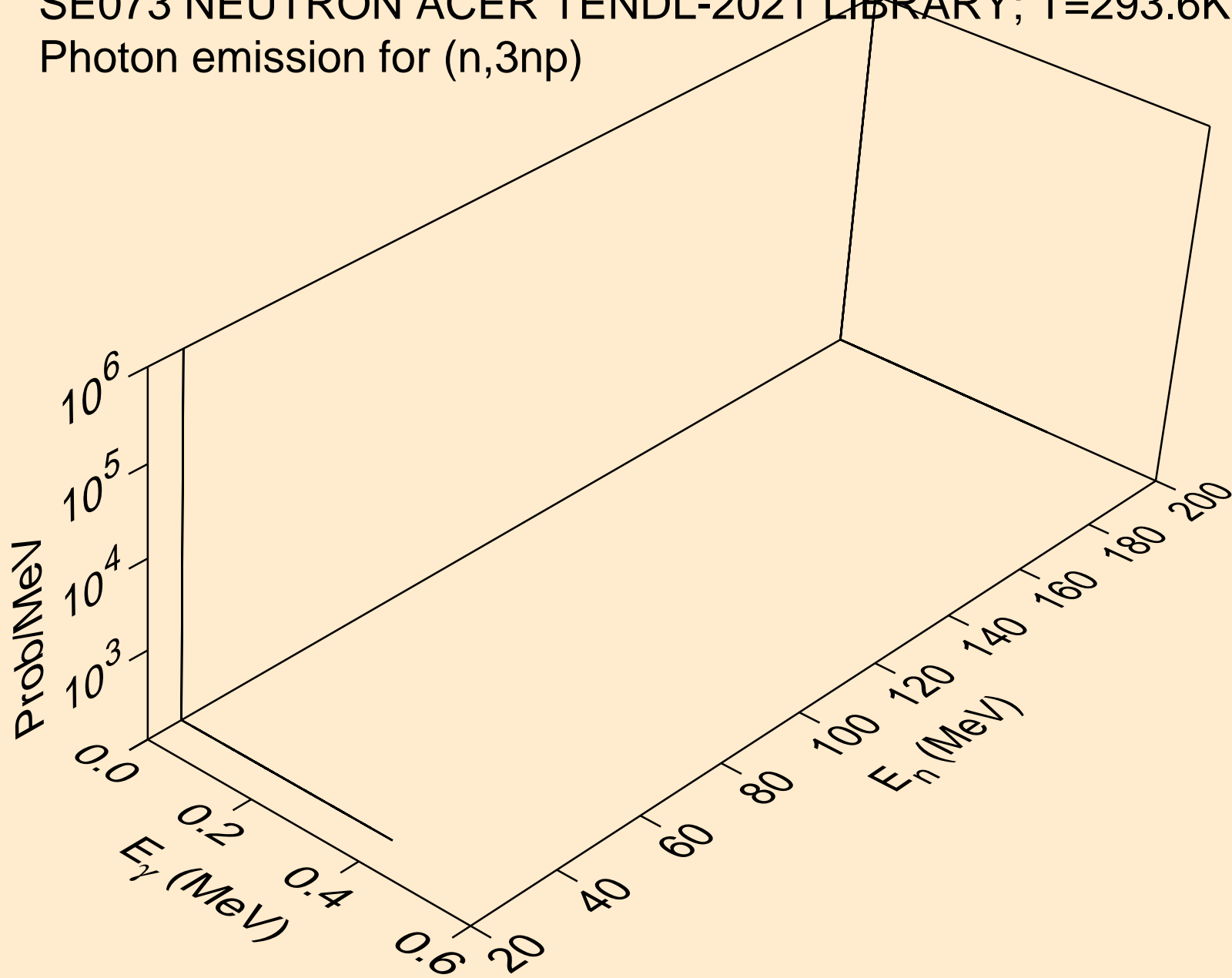




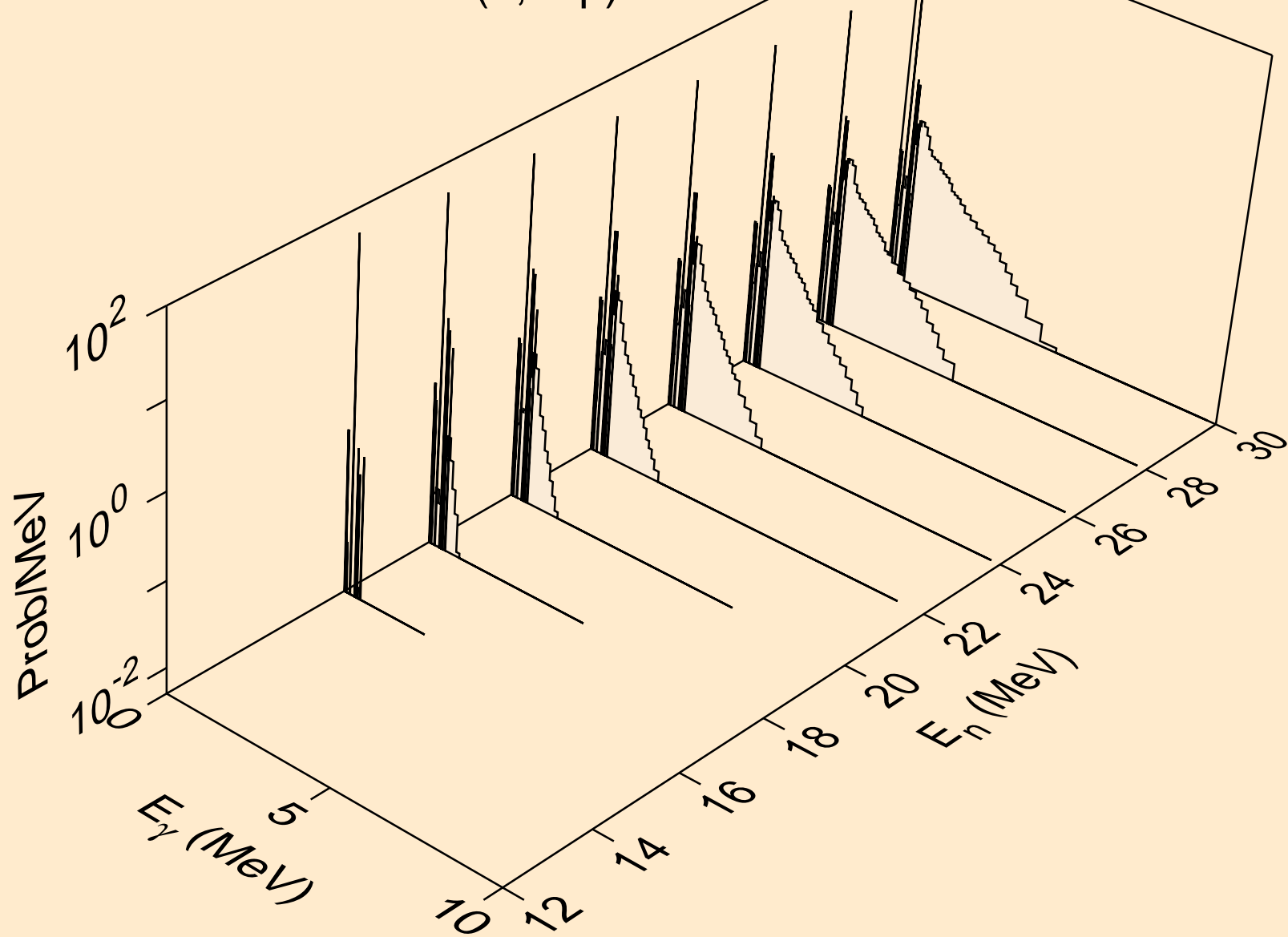
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Photon emission for (n,2np)



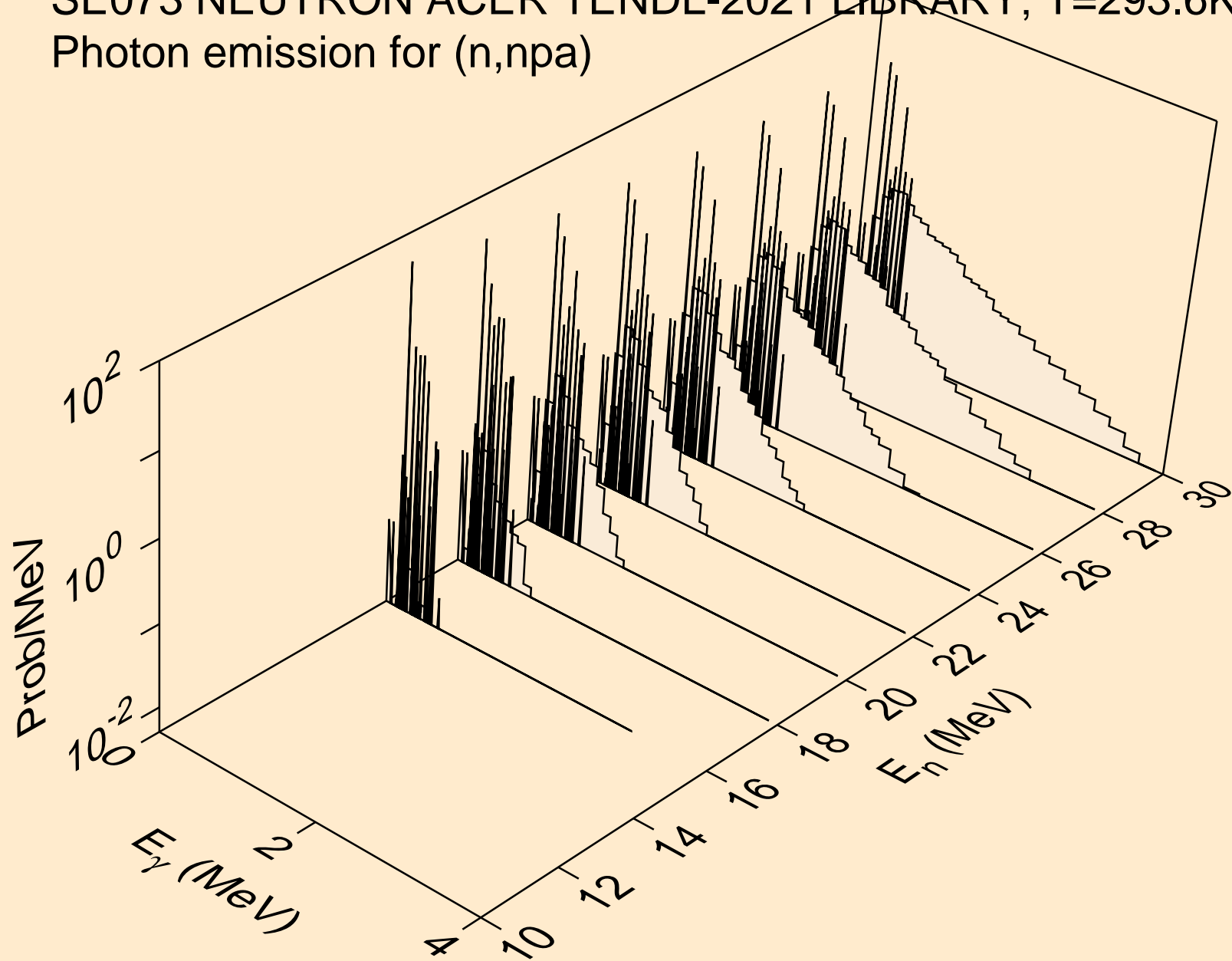
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Photon emission for (n,3np)



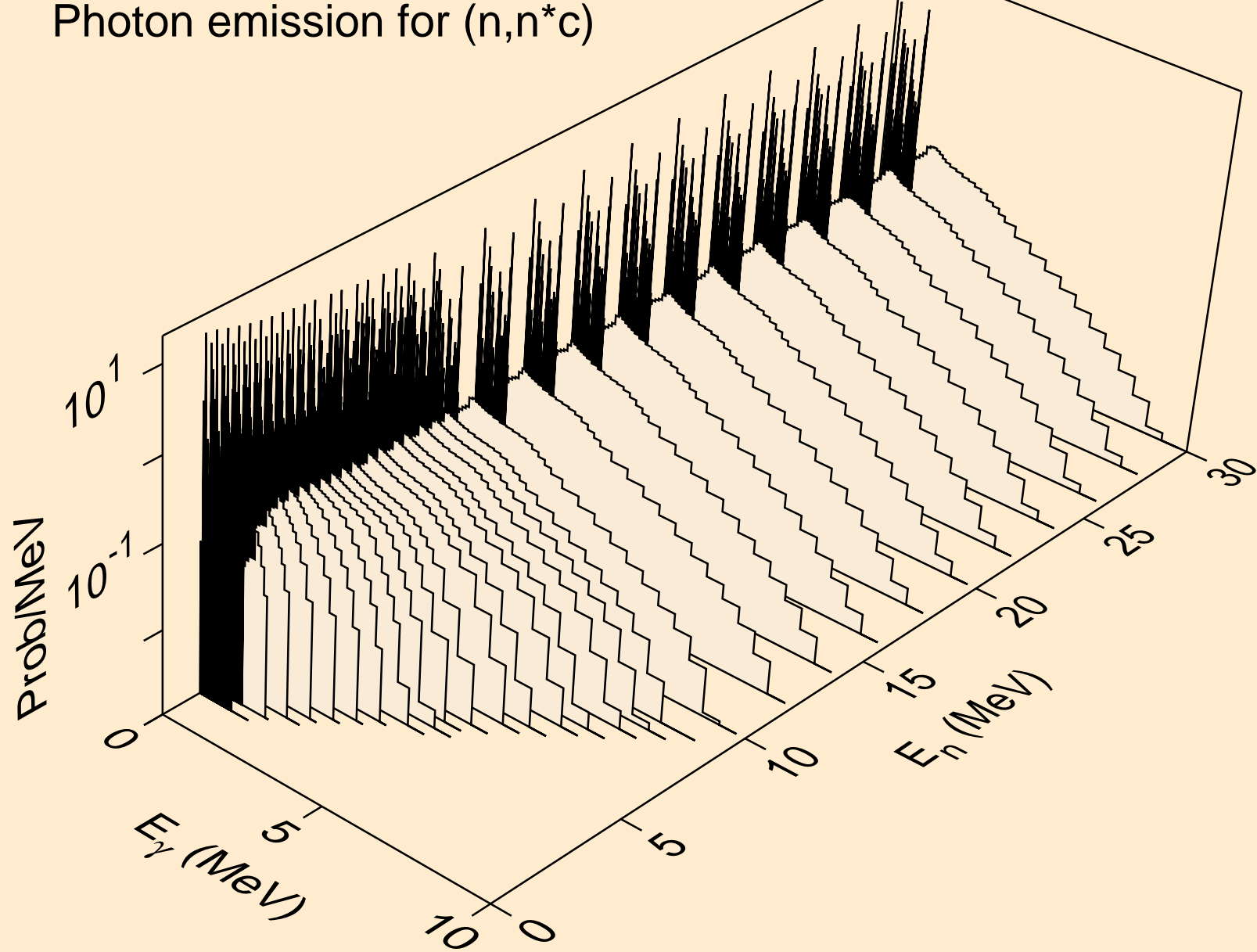
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Photon emission for (n,2np)



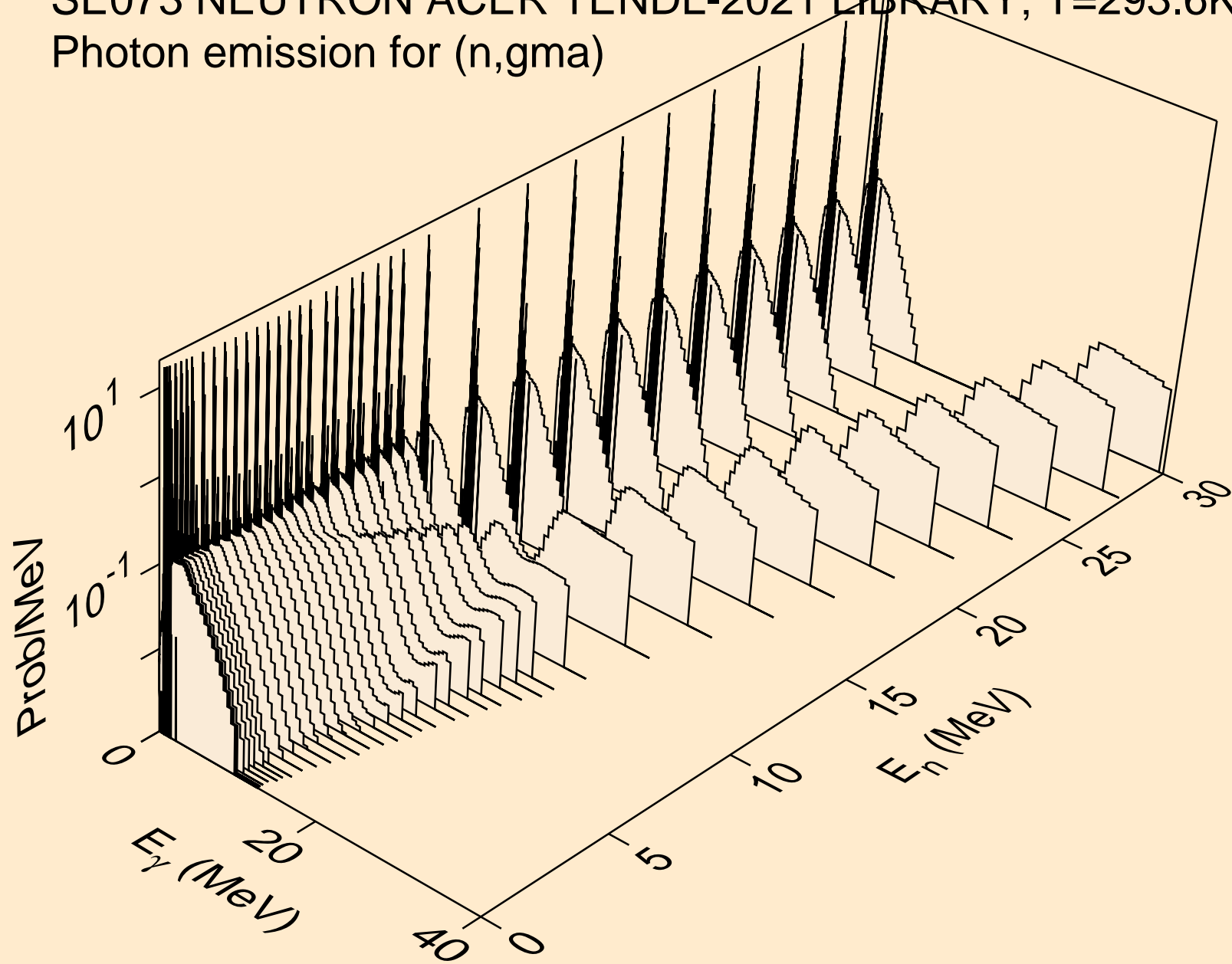
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Photon emission for (n,npa)



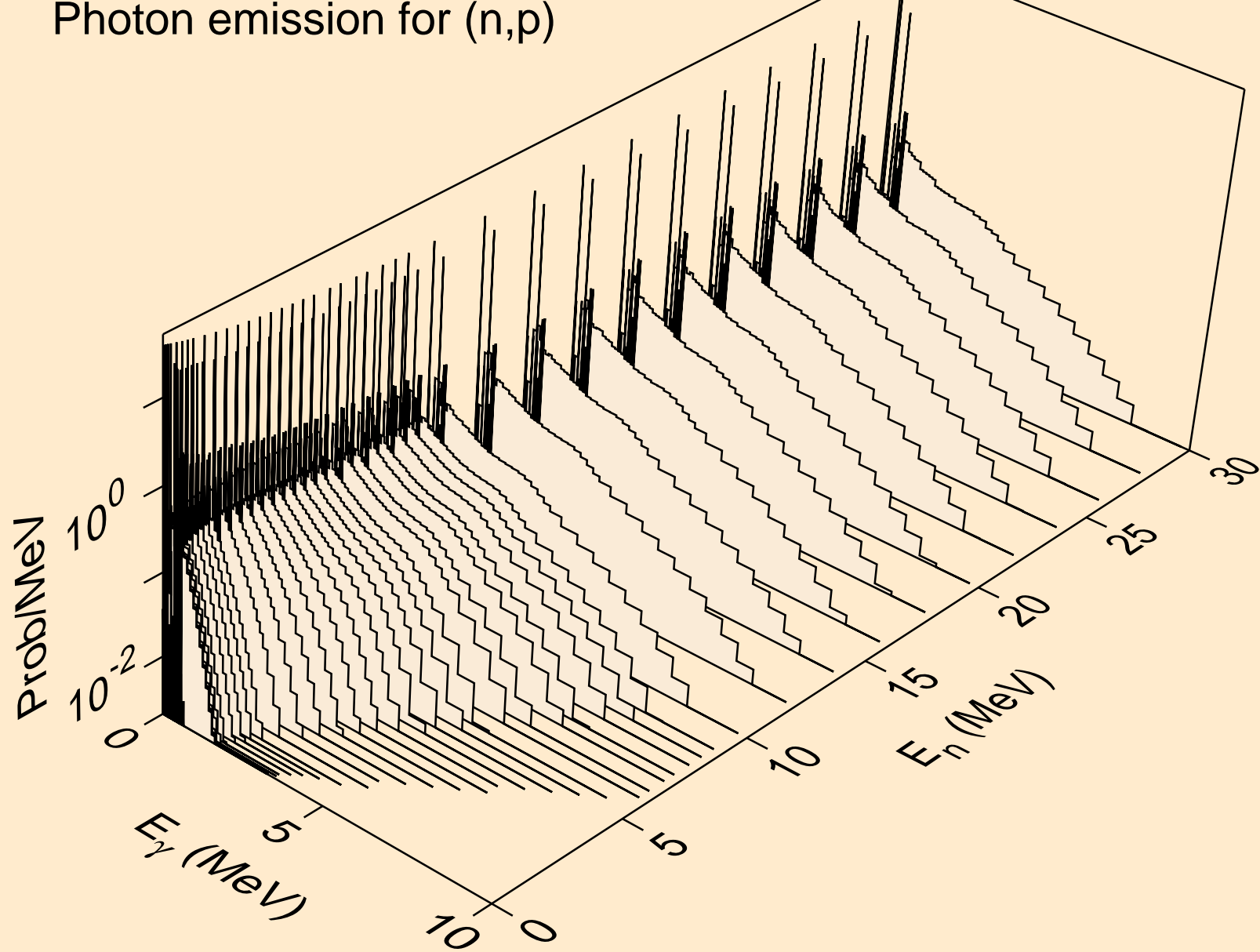
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Photon emission for (n,n\*c)



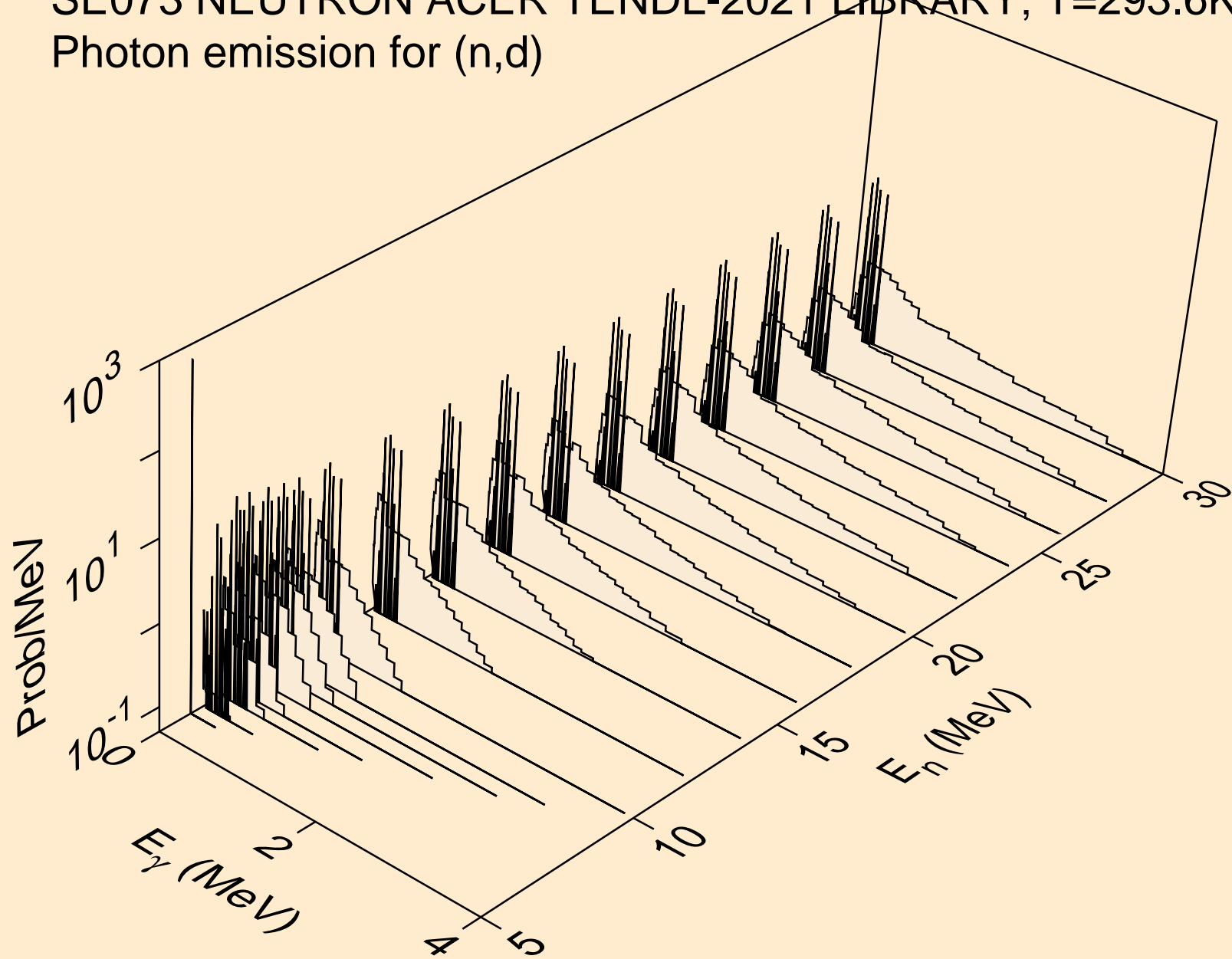
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

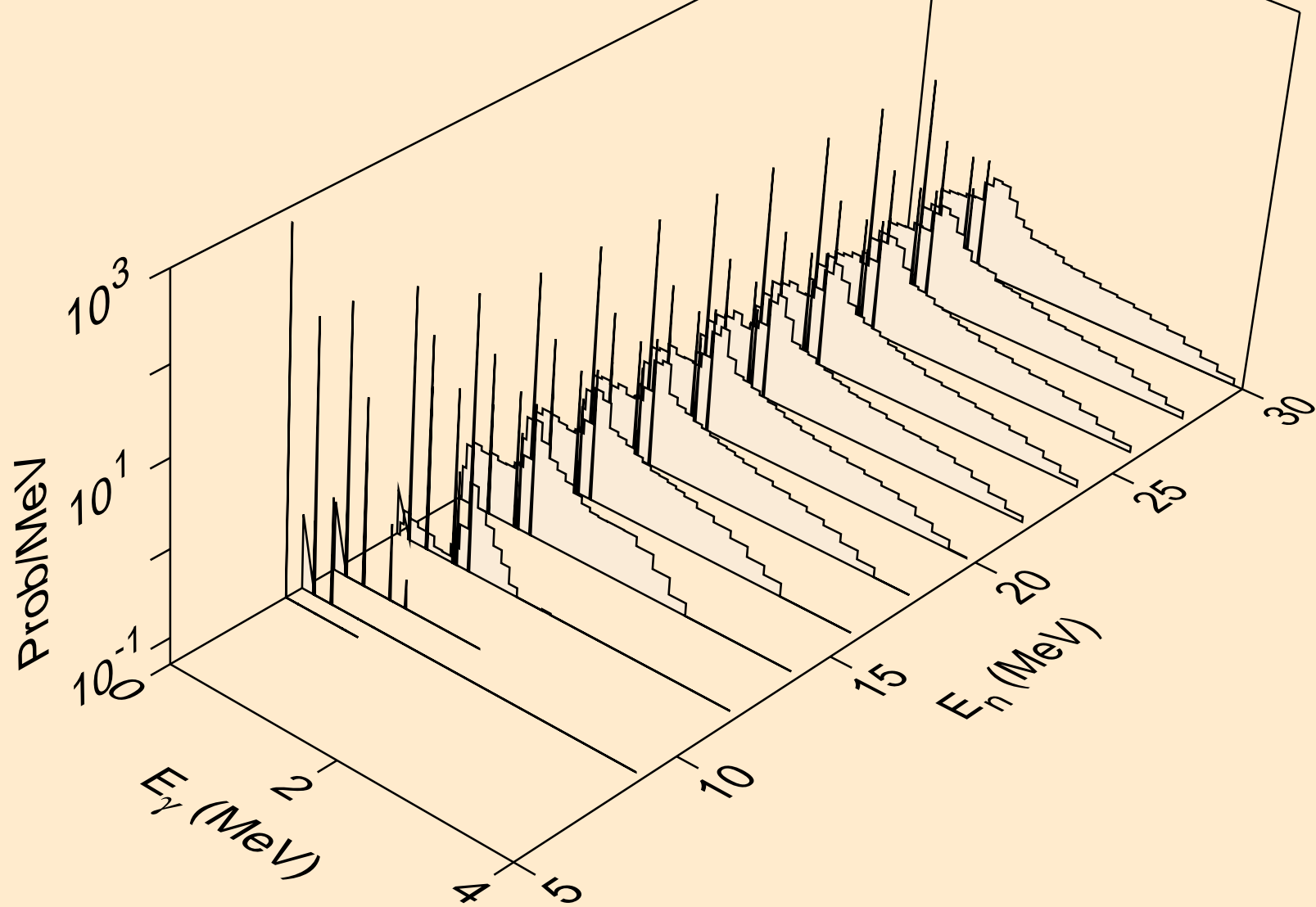


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Photon emission for (n,d)

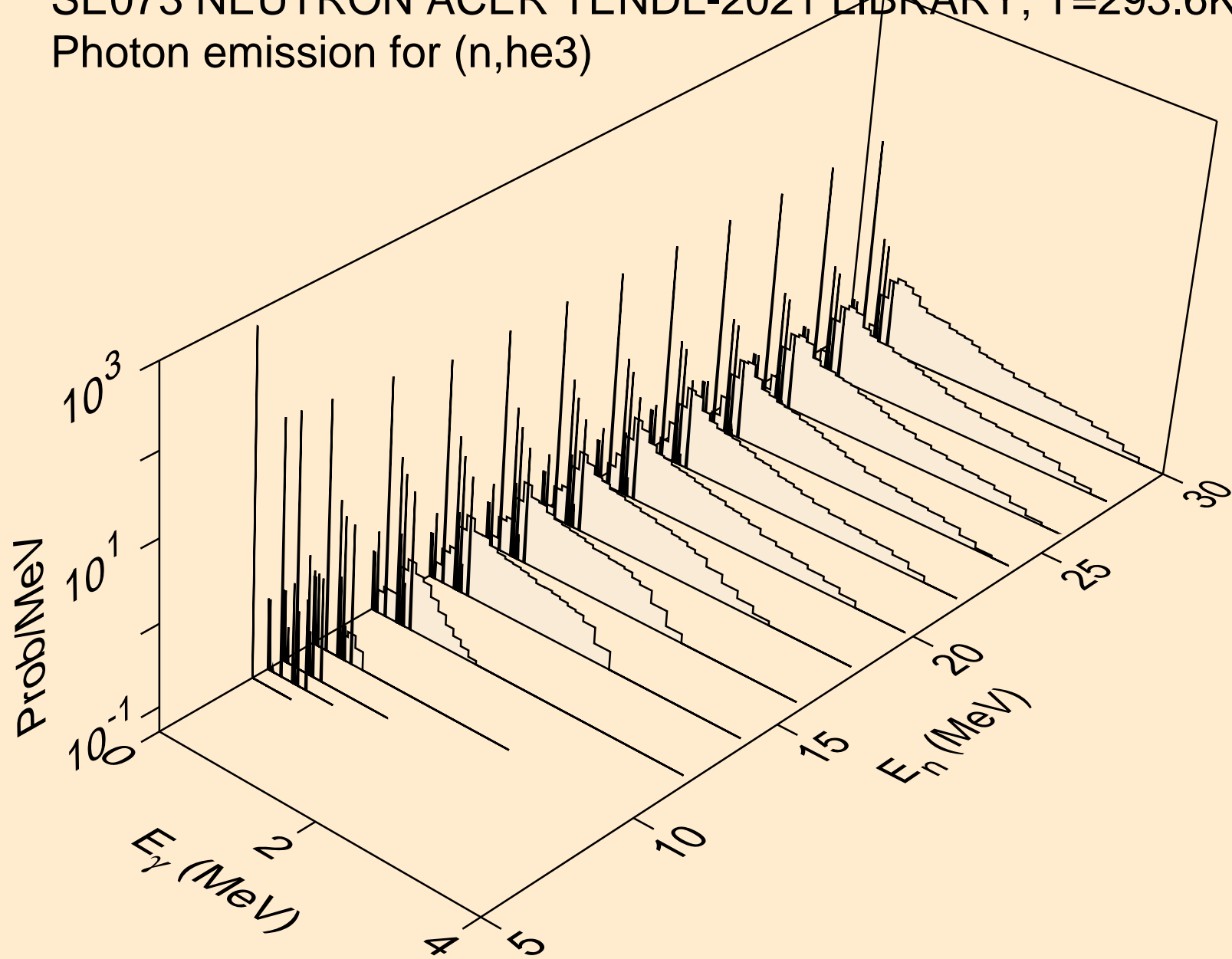




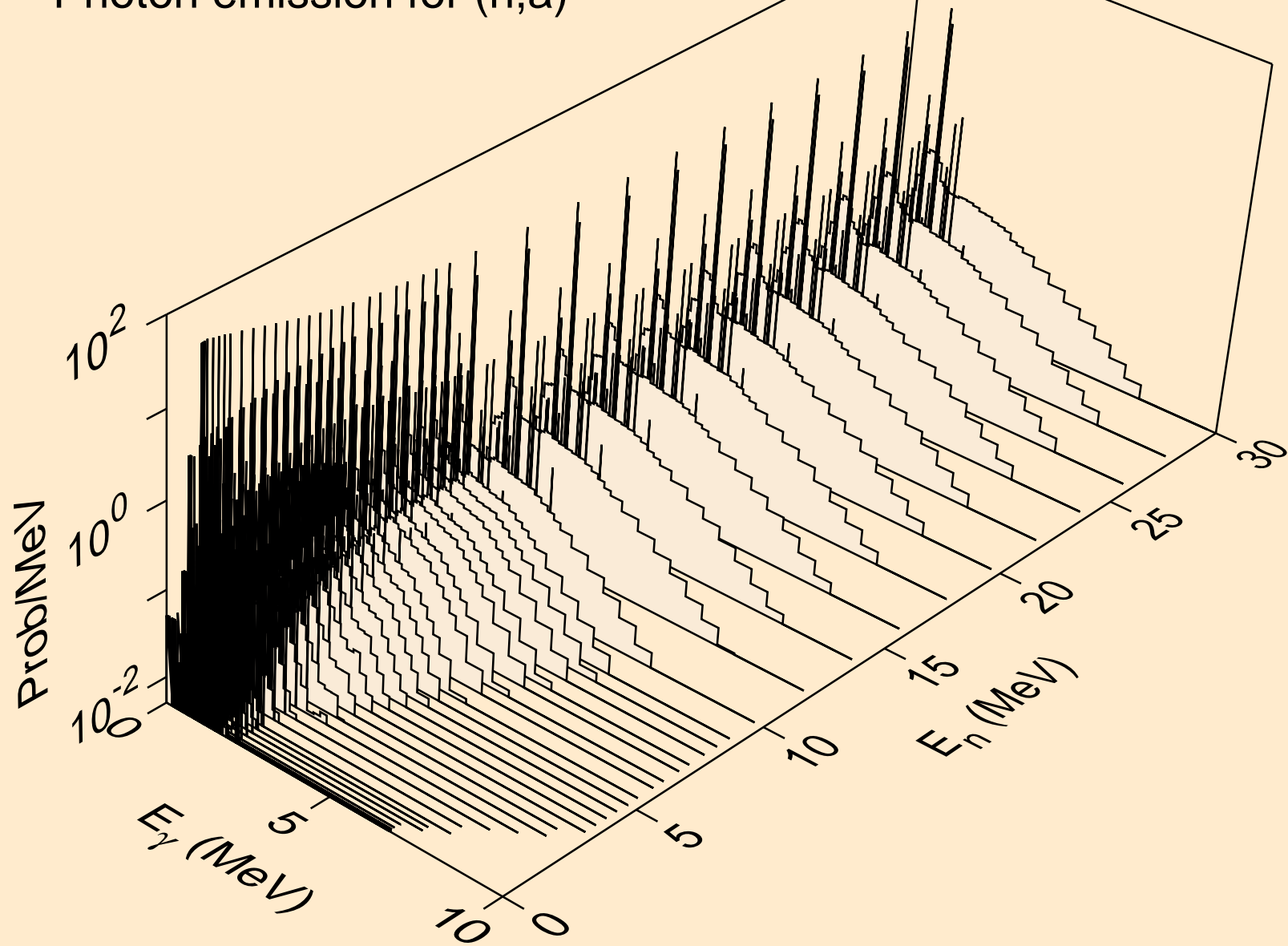
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Photon emission for (n,t)



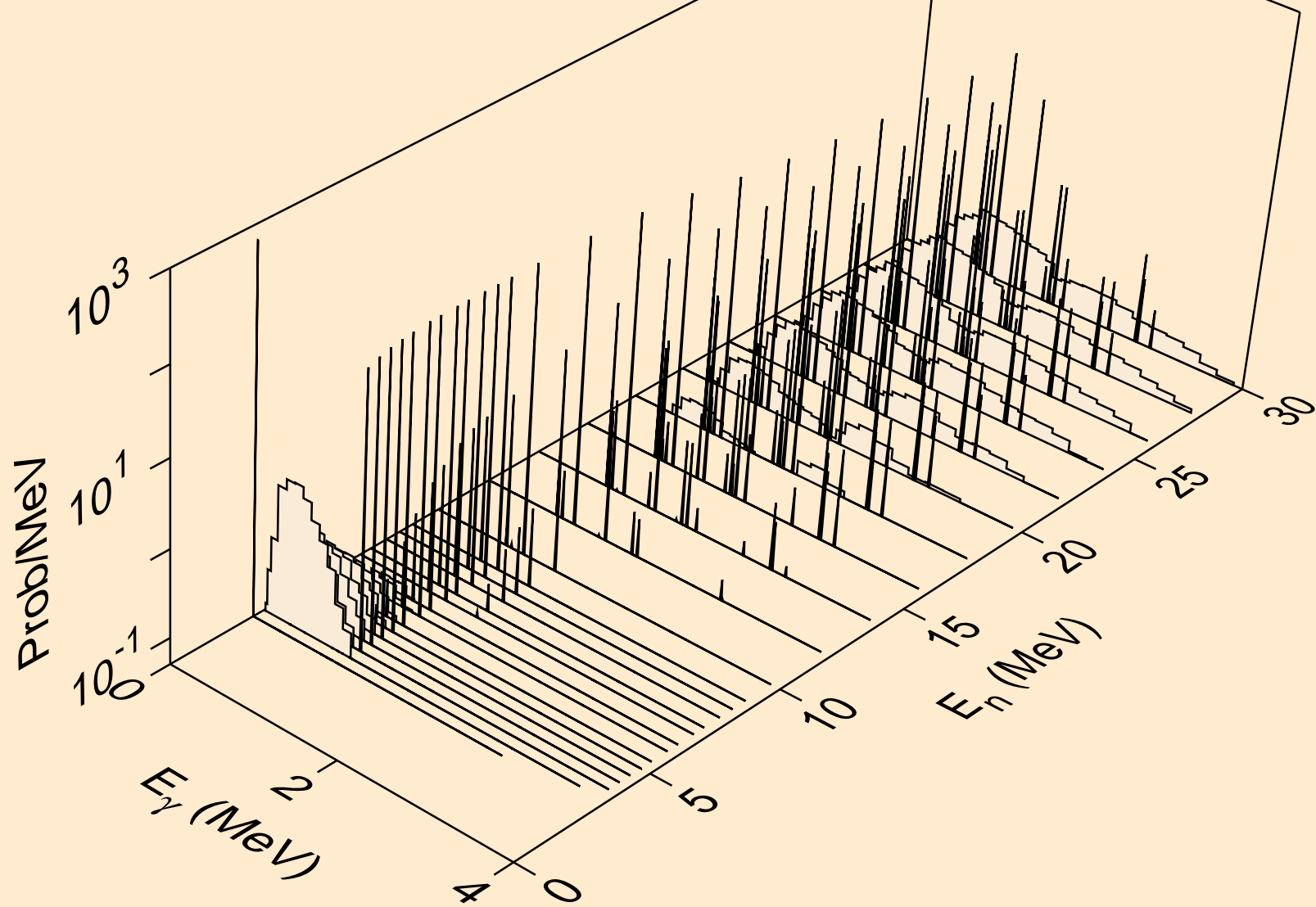
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Photon emission for (n,he3)



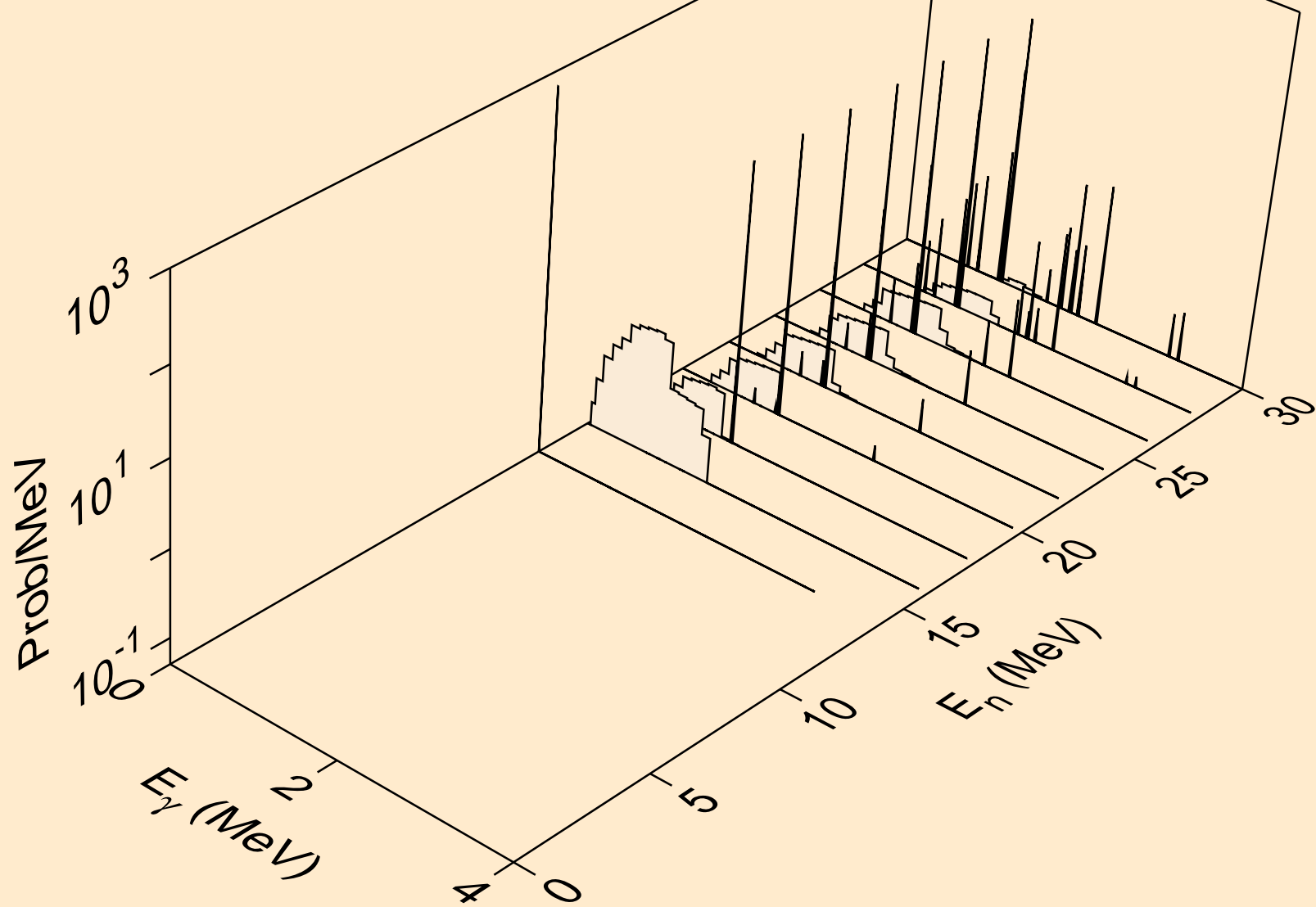
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Photon emission for (n,a)



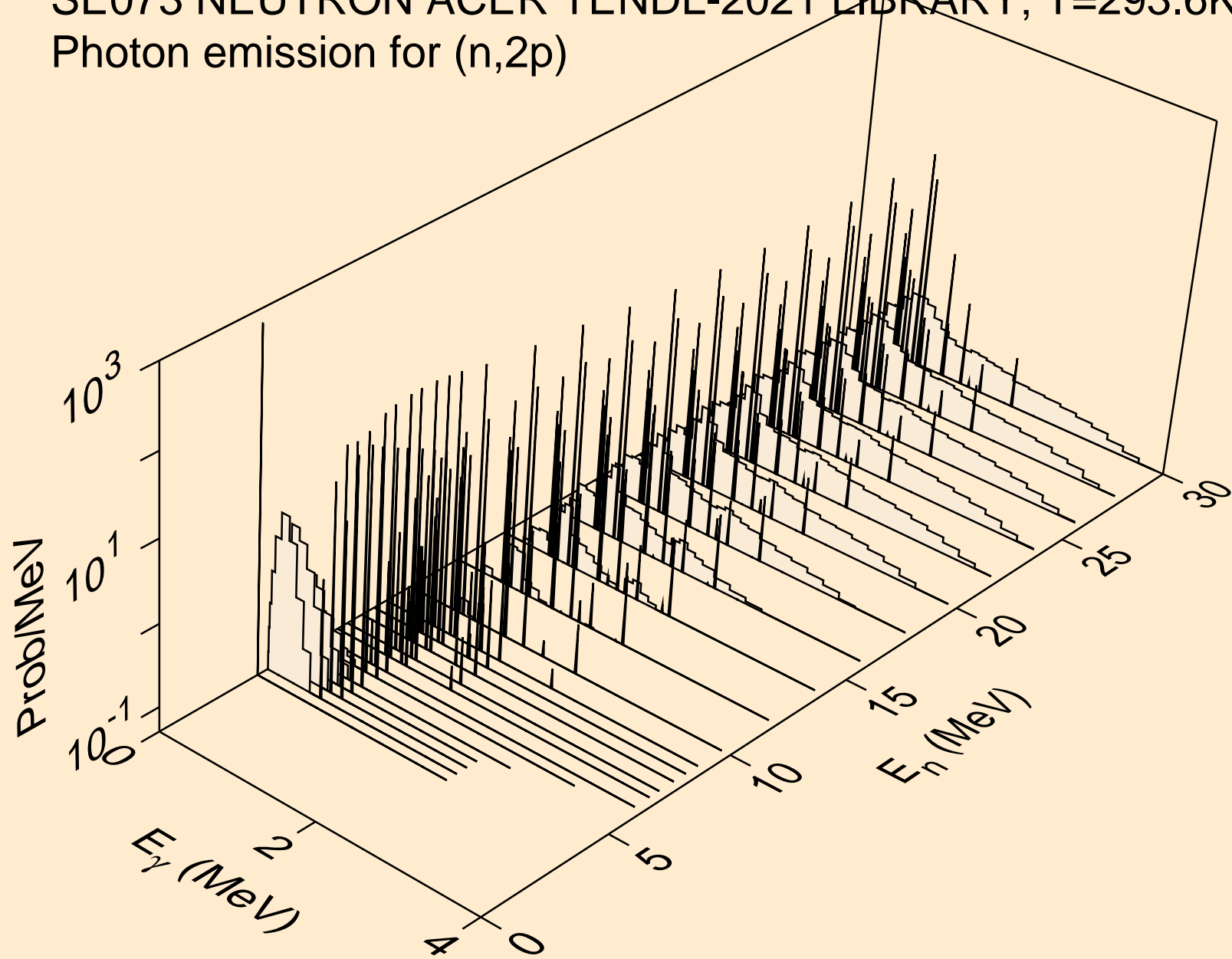
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Photon emission for (n,2a)



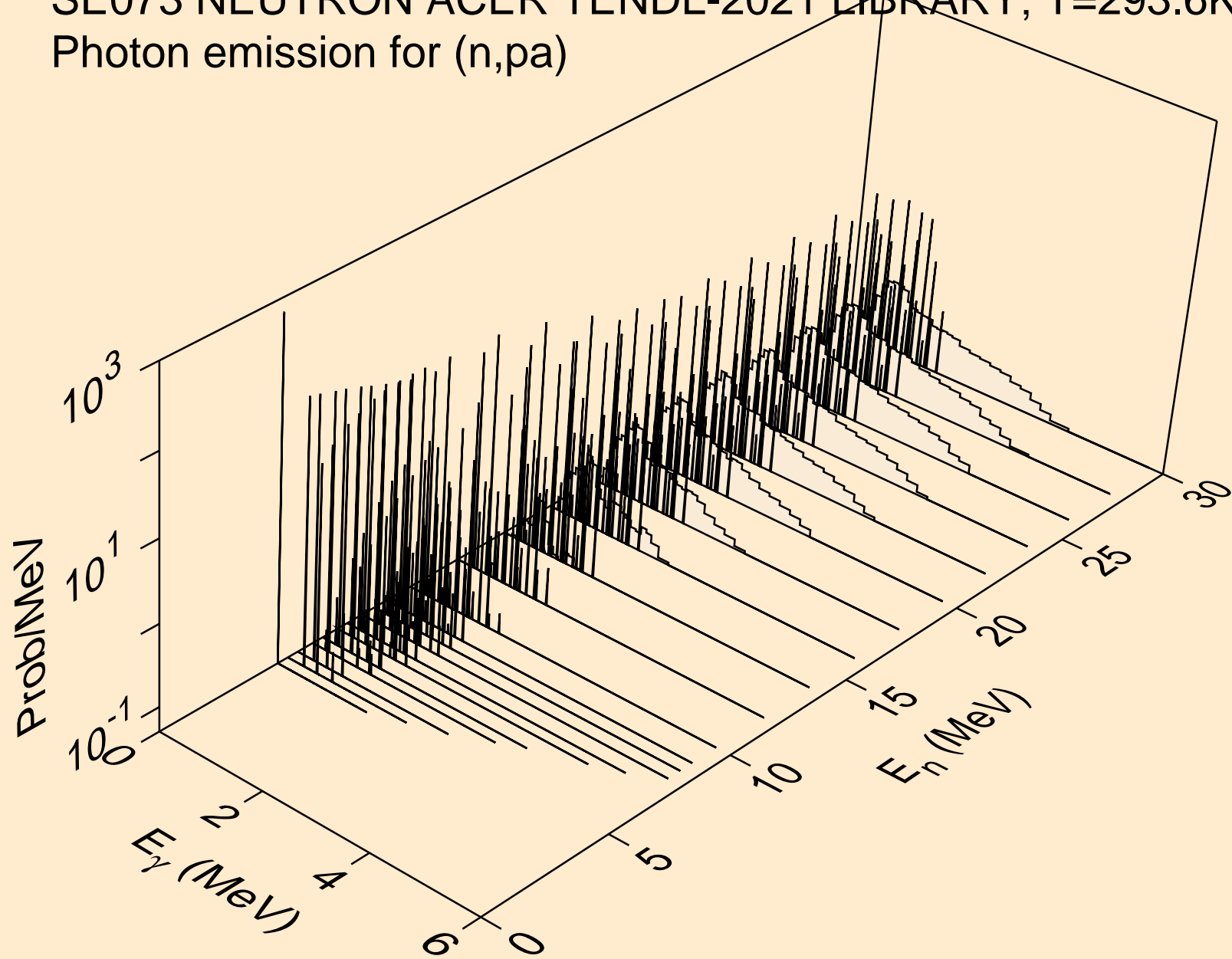
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Photon emission for (n,3a)



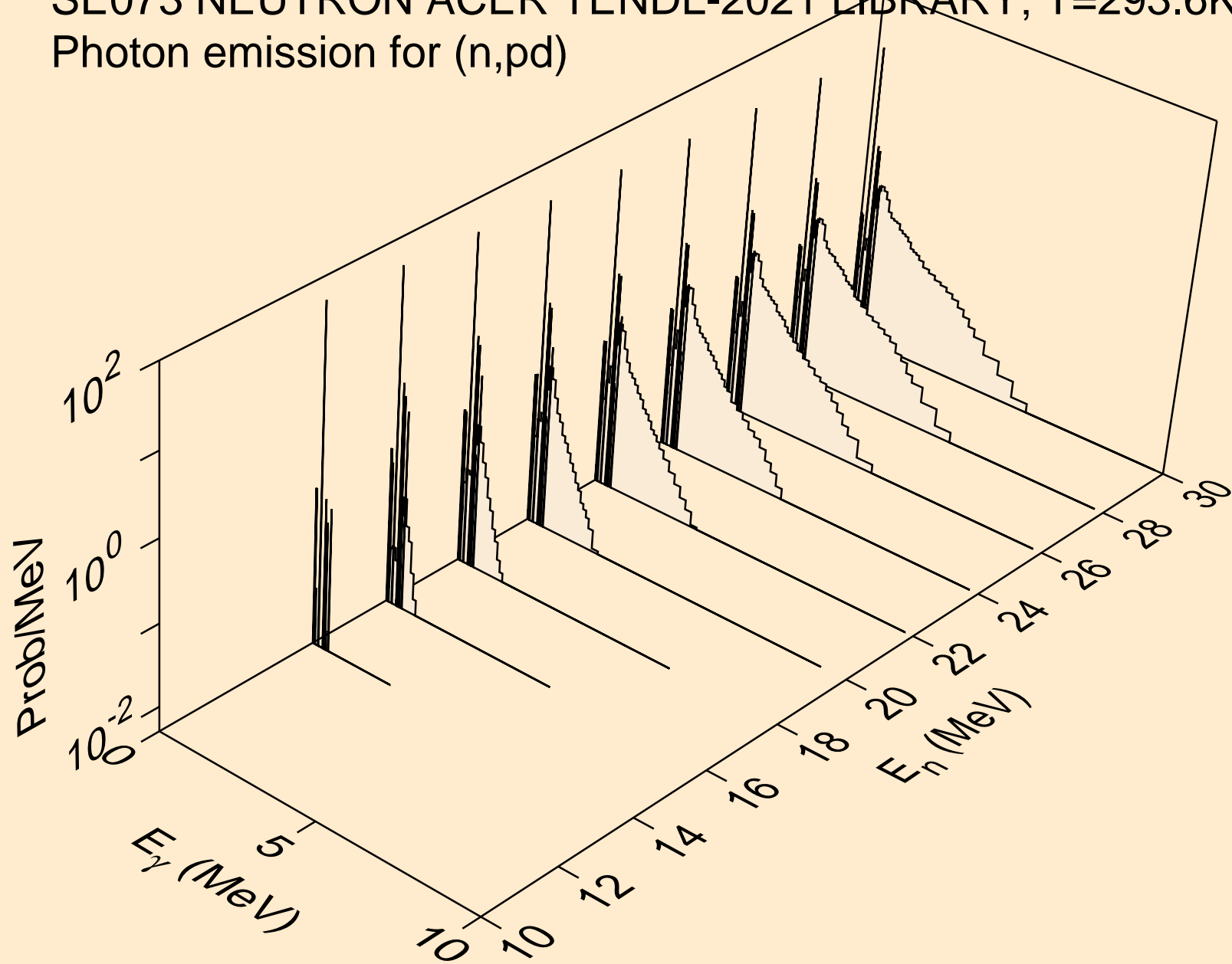
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

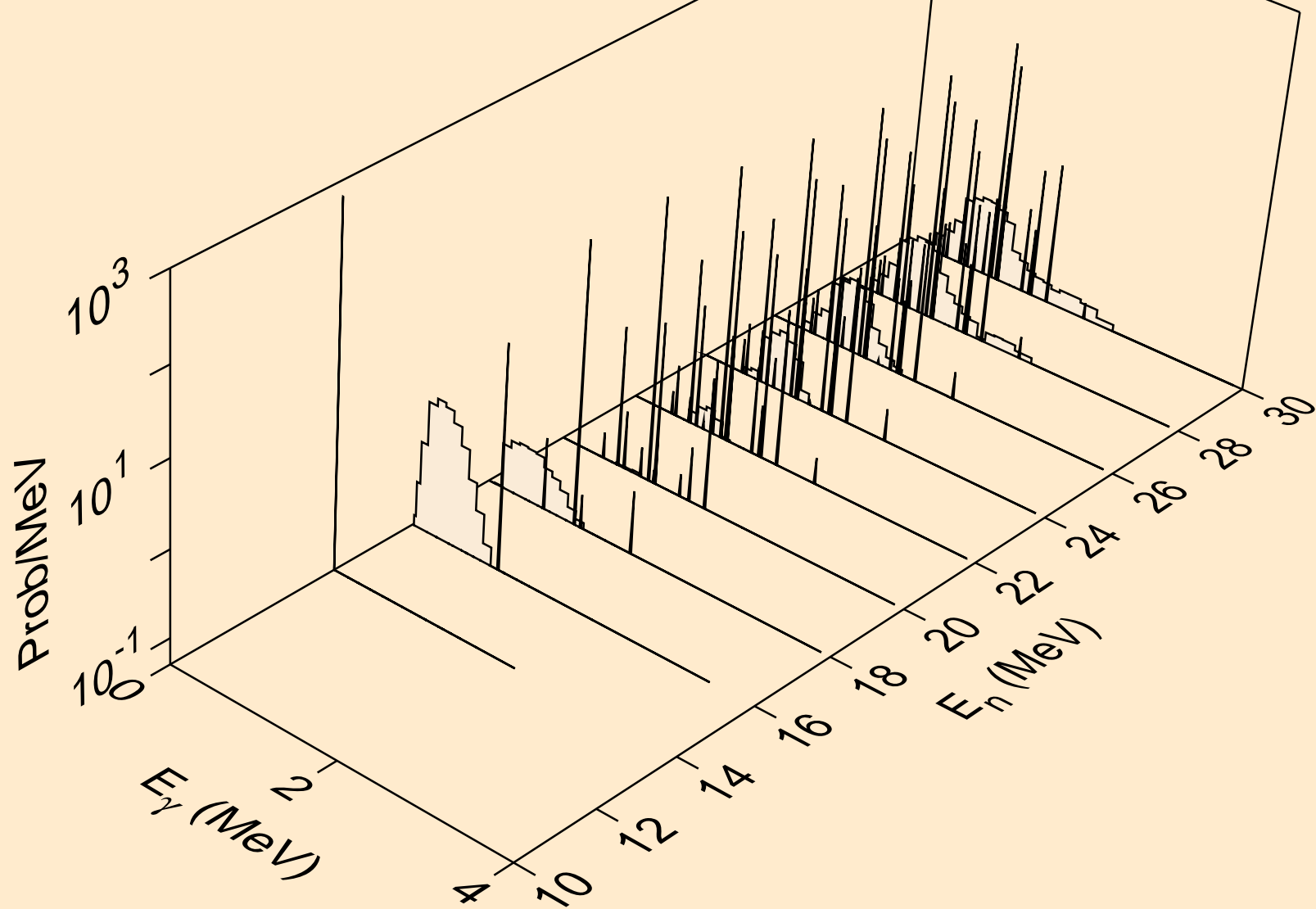


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

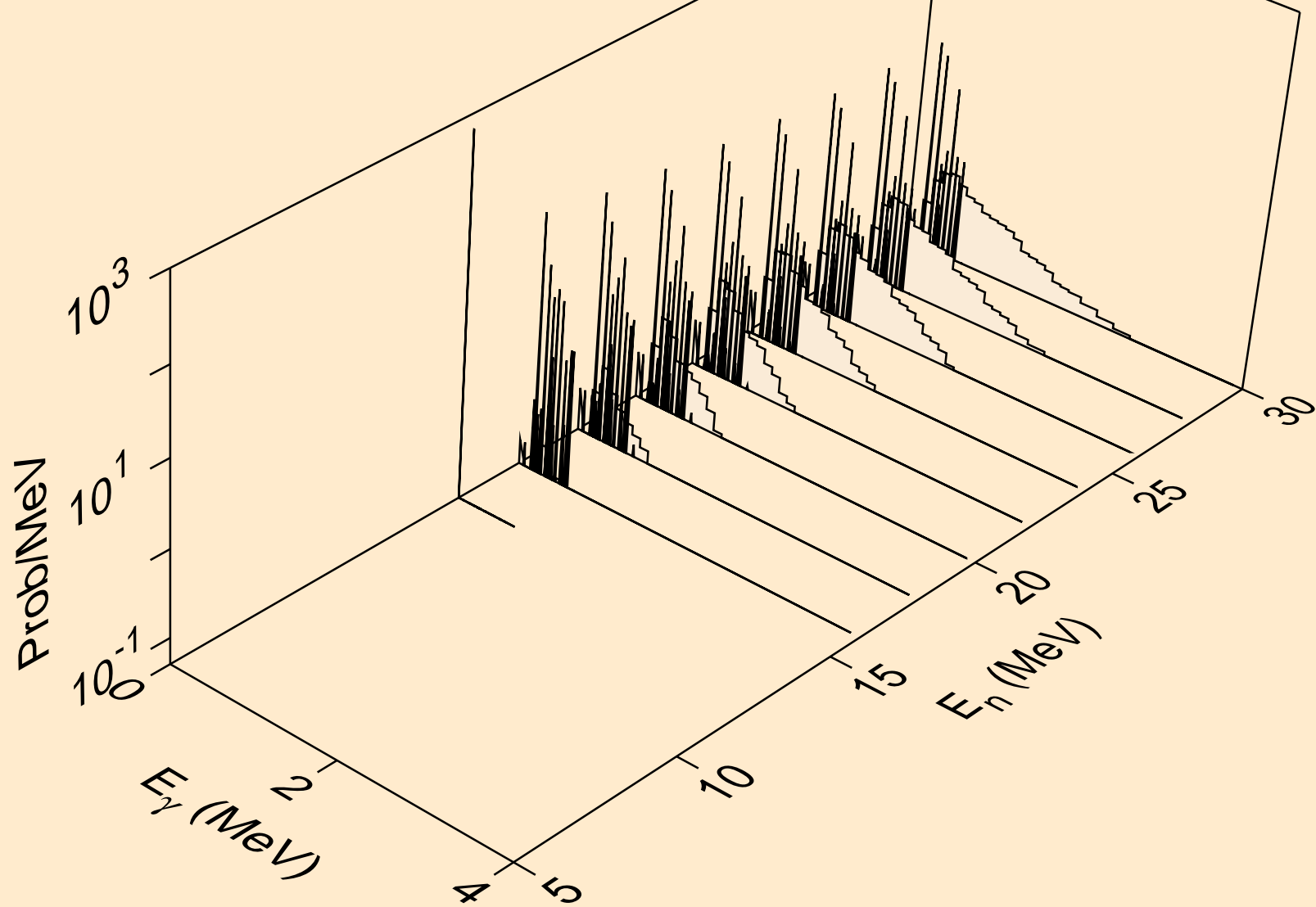




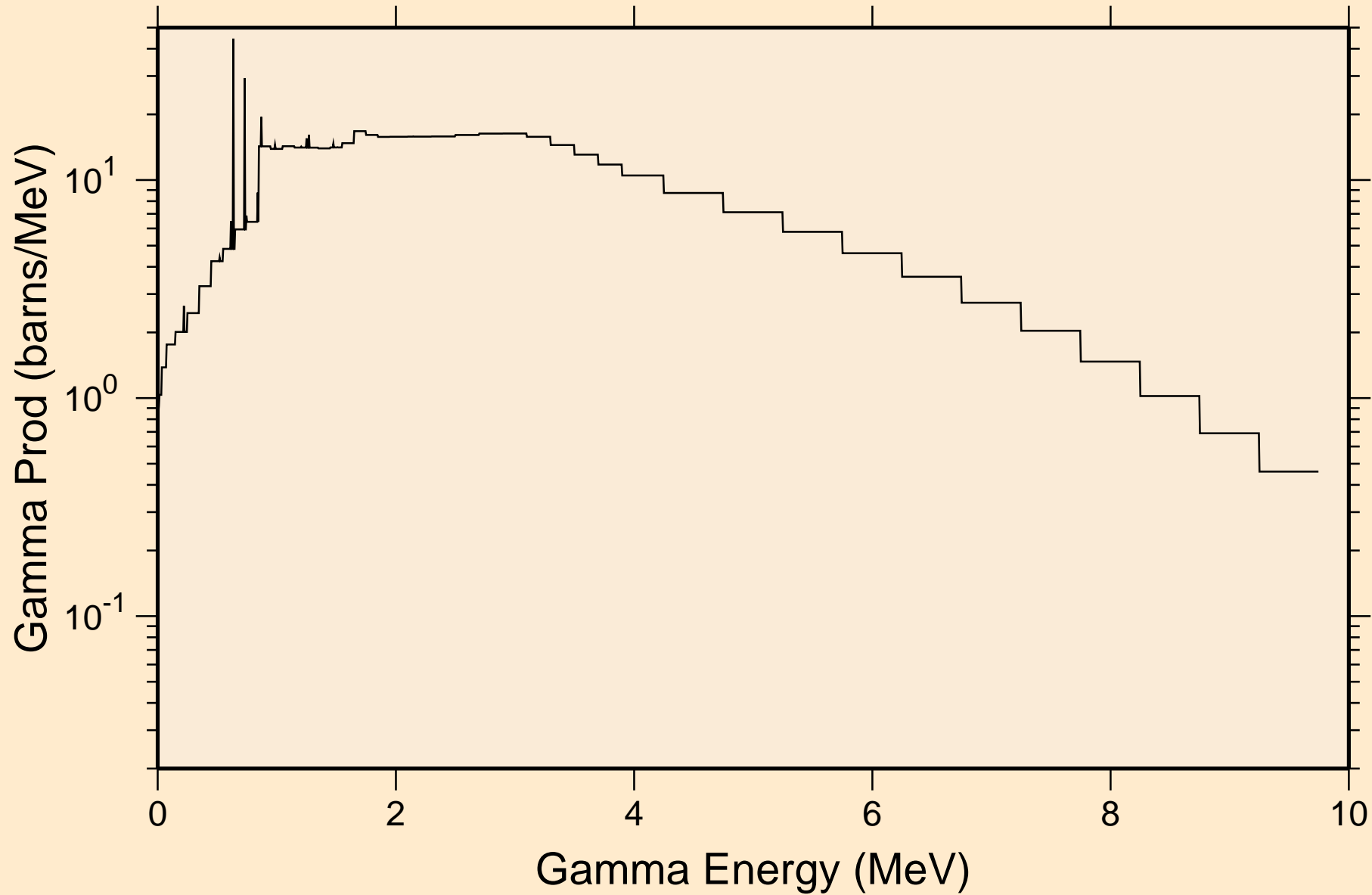
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



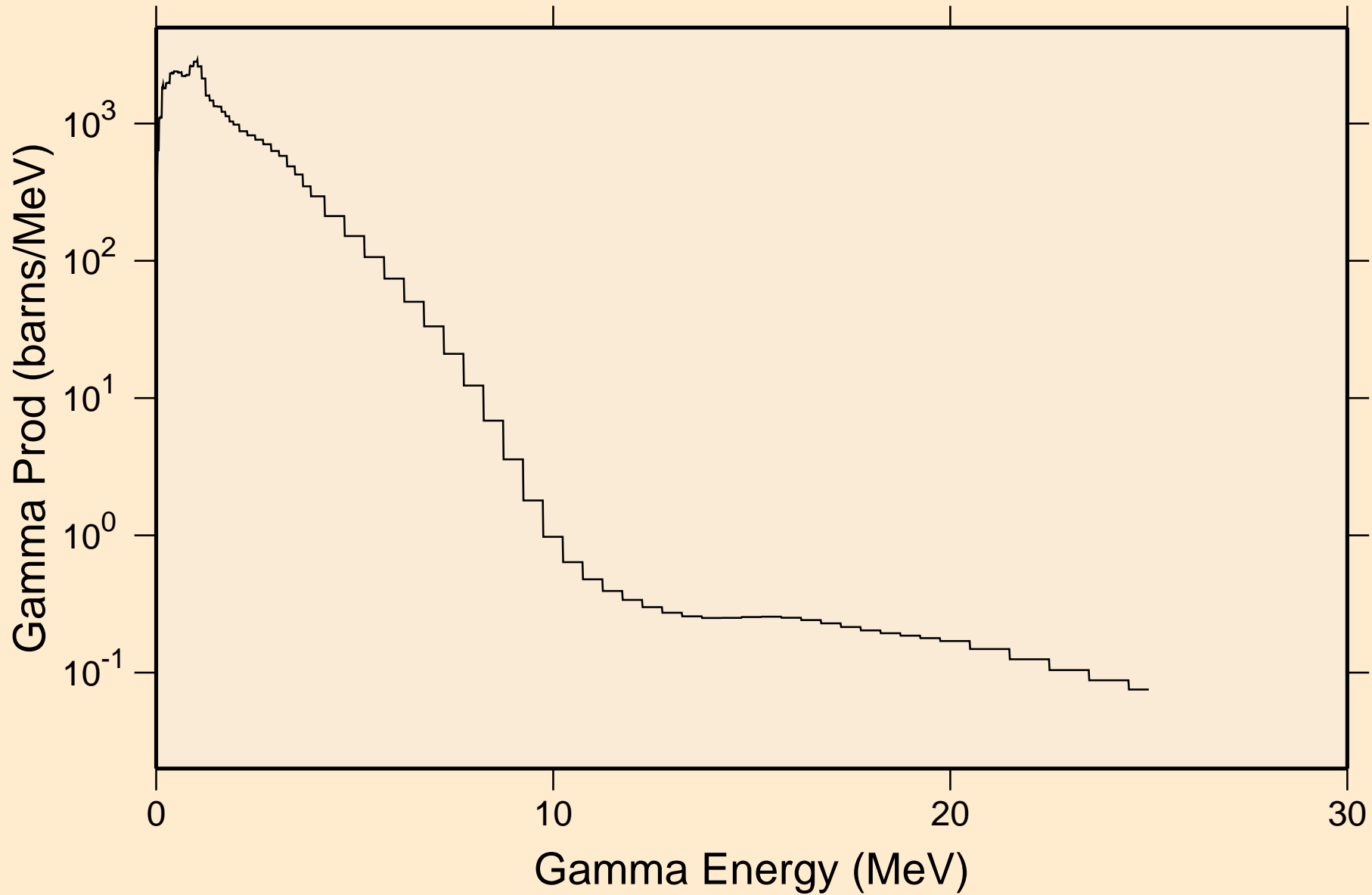
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



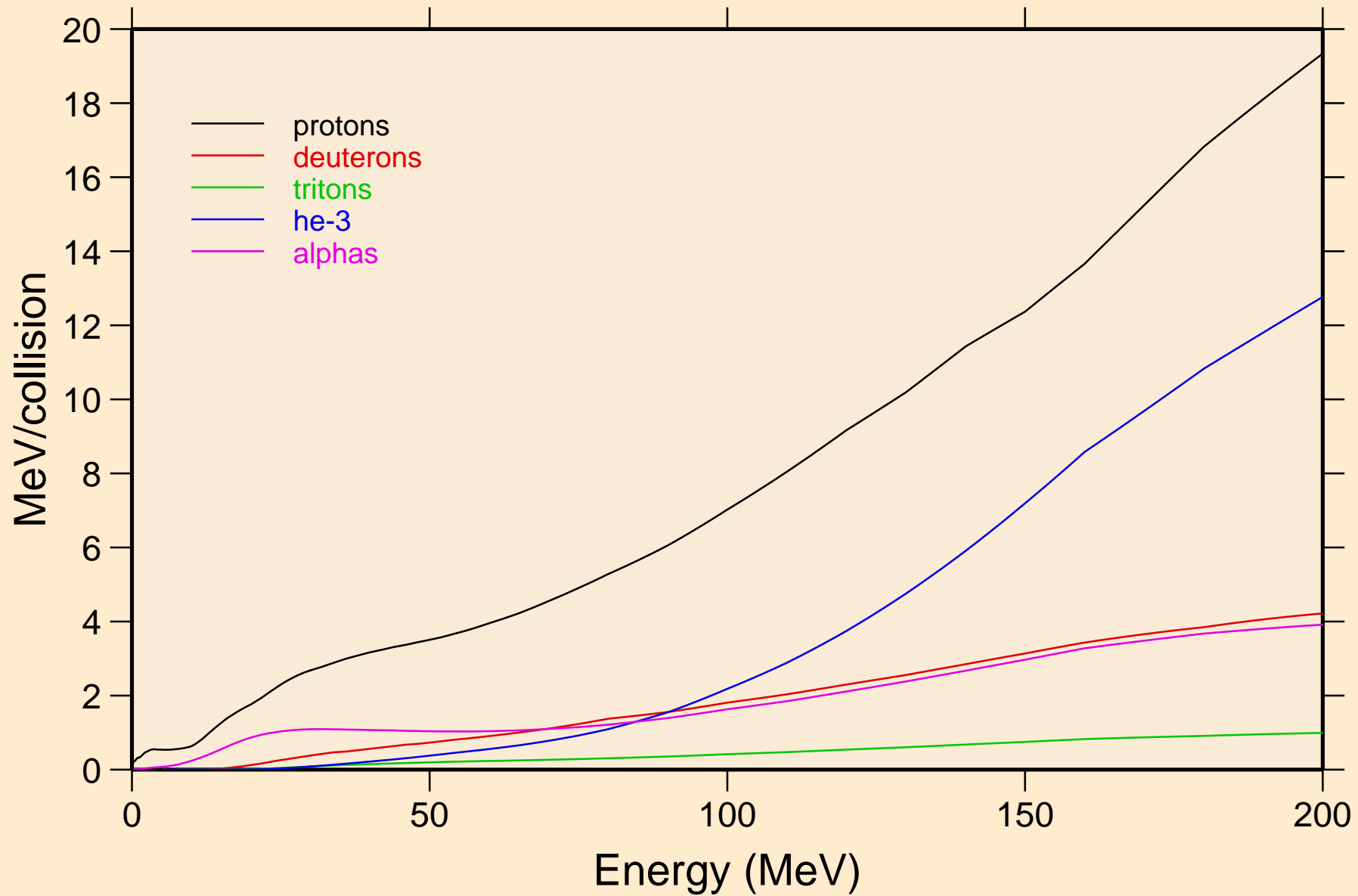
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thermal capture photon spectrum



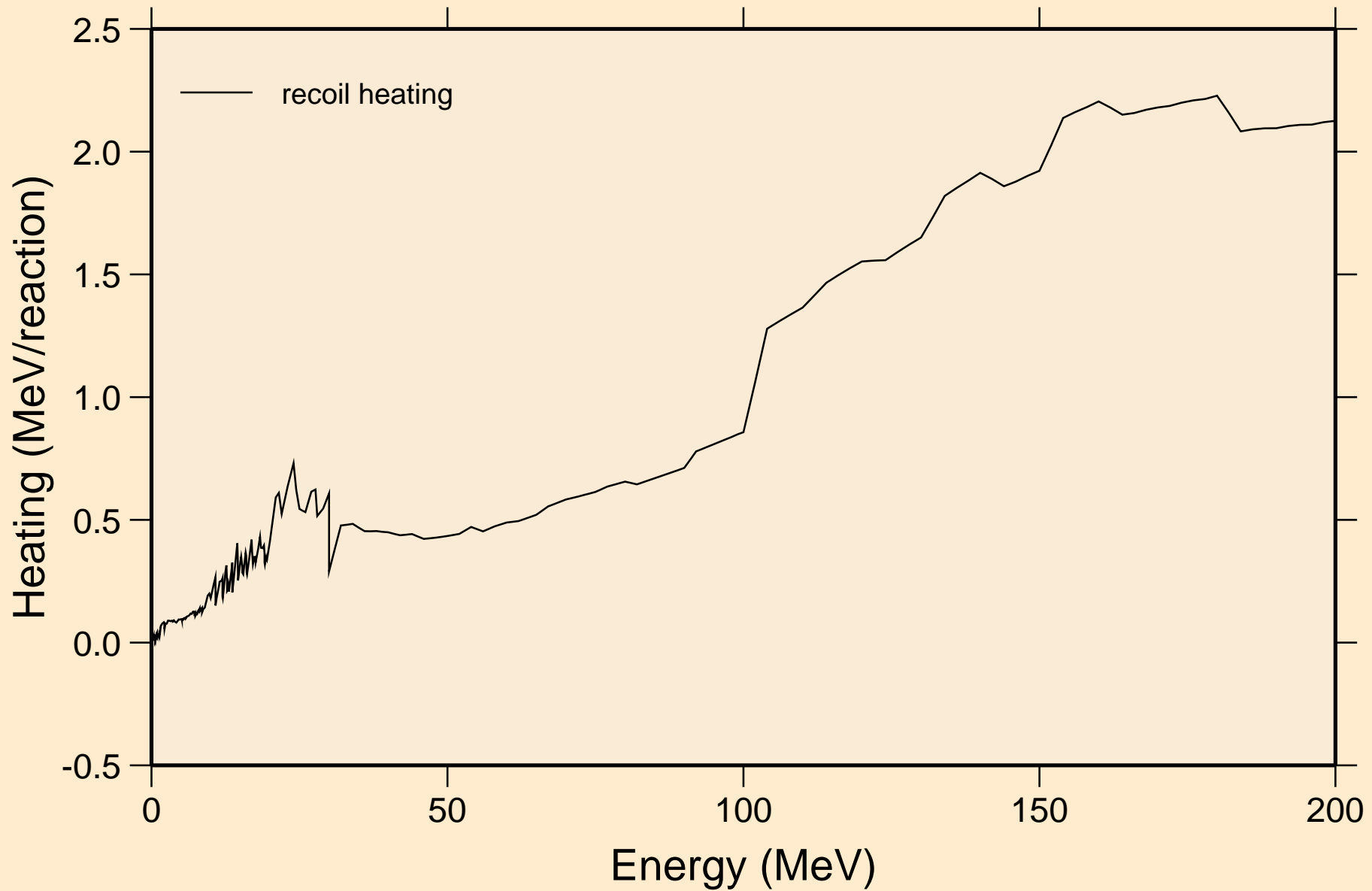
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14 MeV photon spectrum



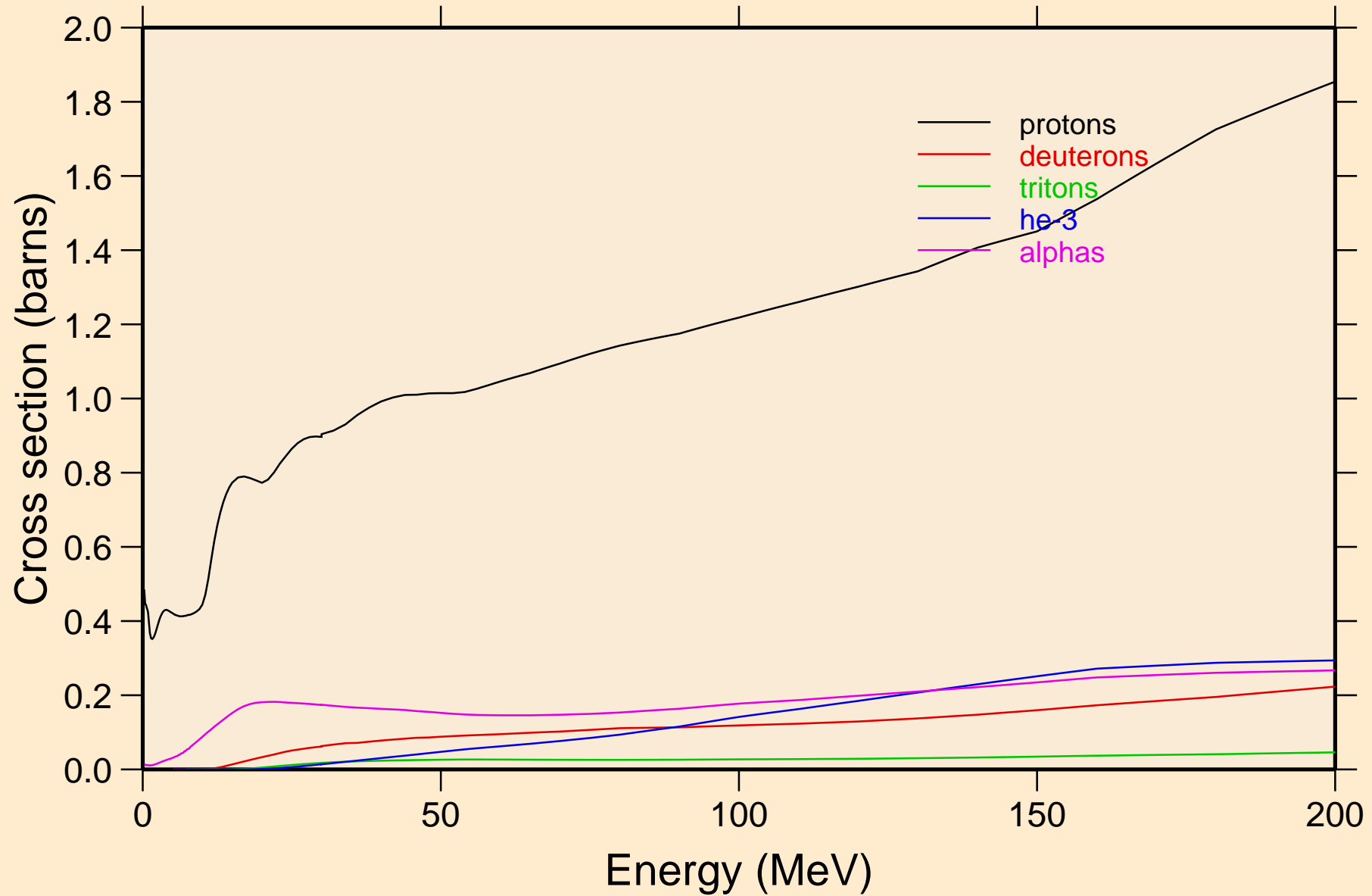
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Particle heating contributions



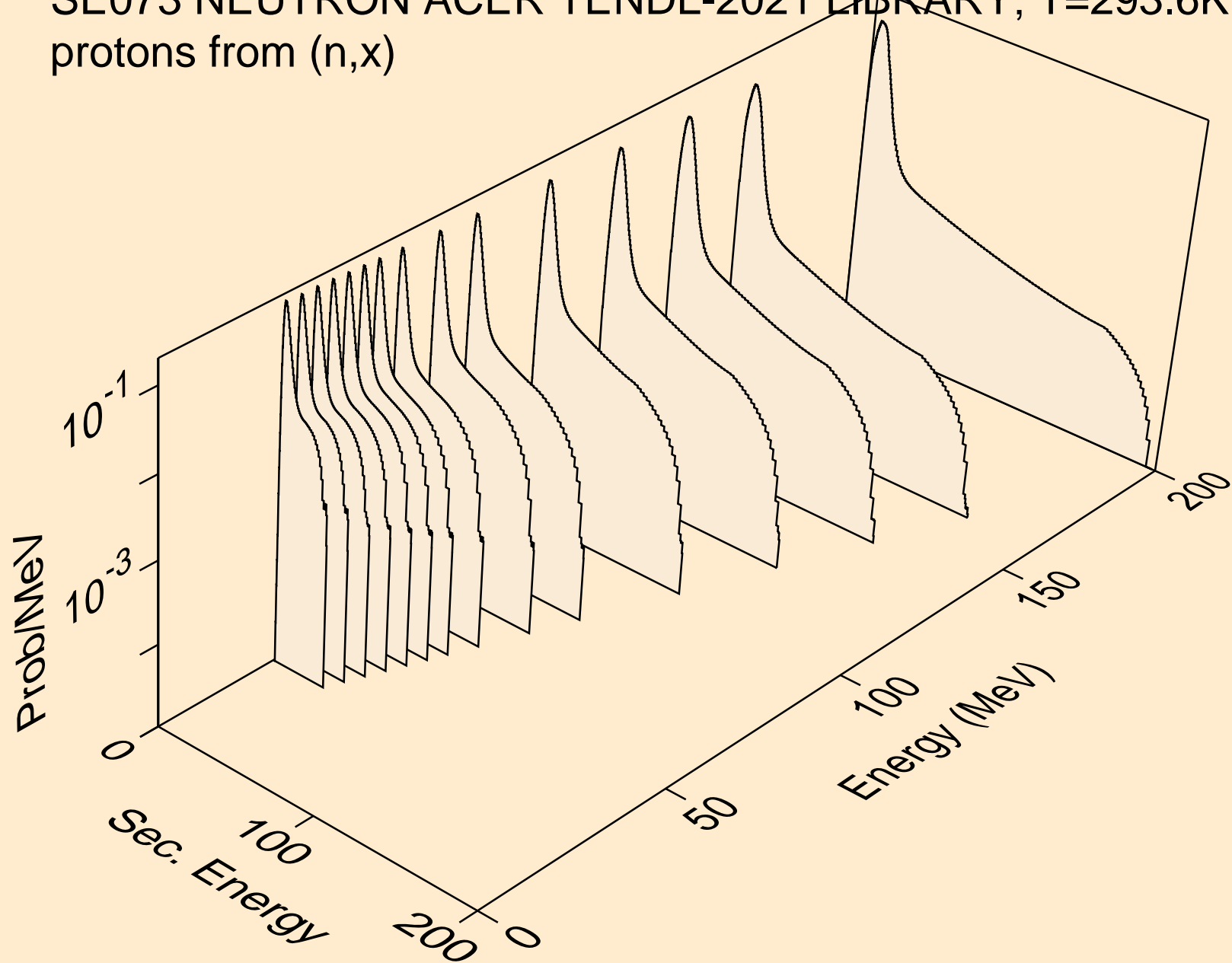
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

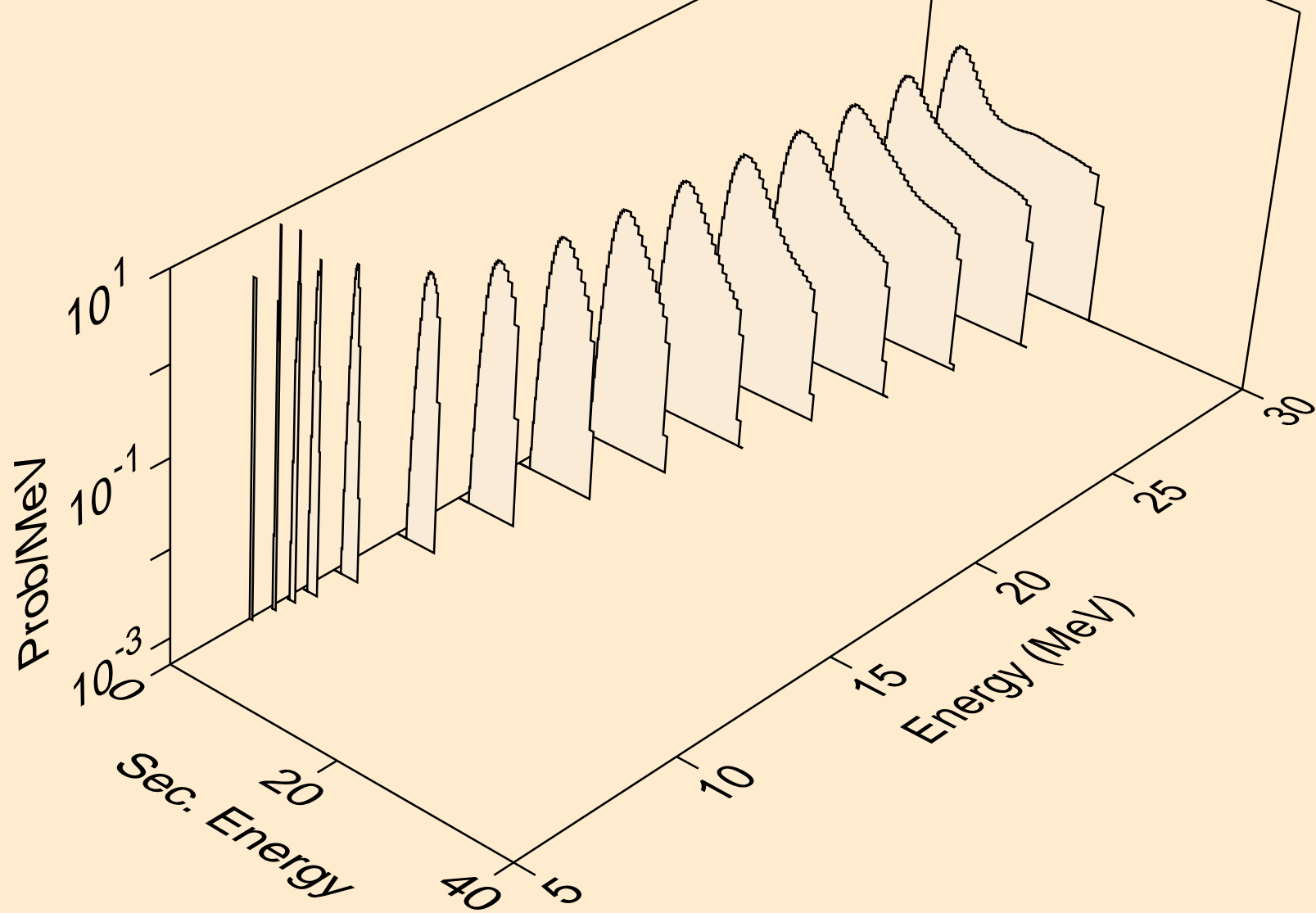


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

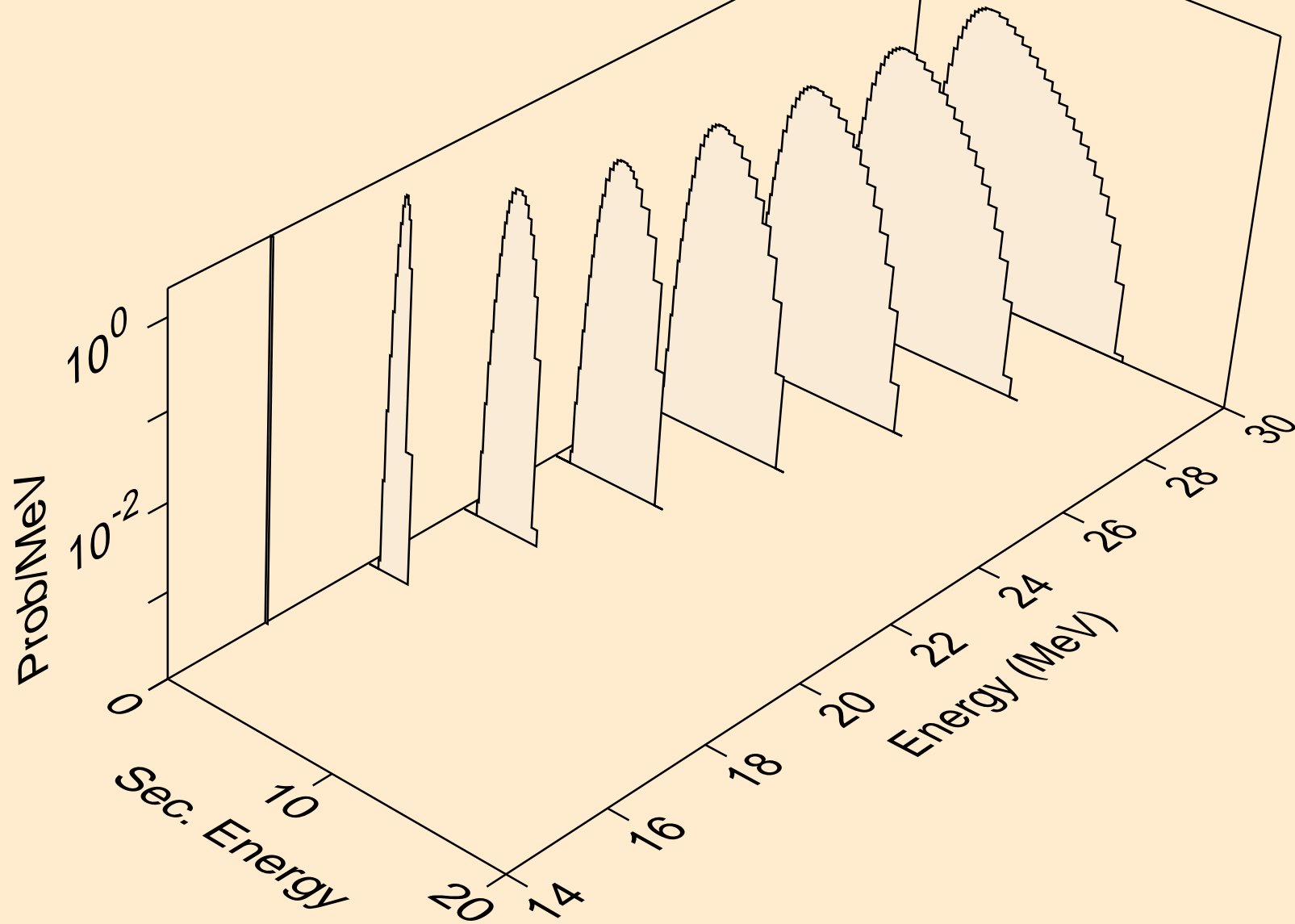




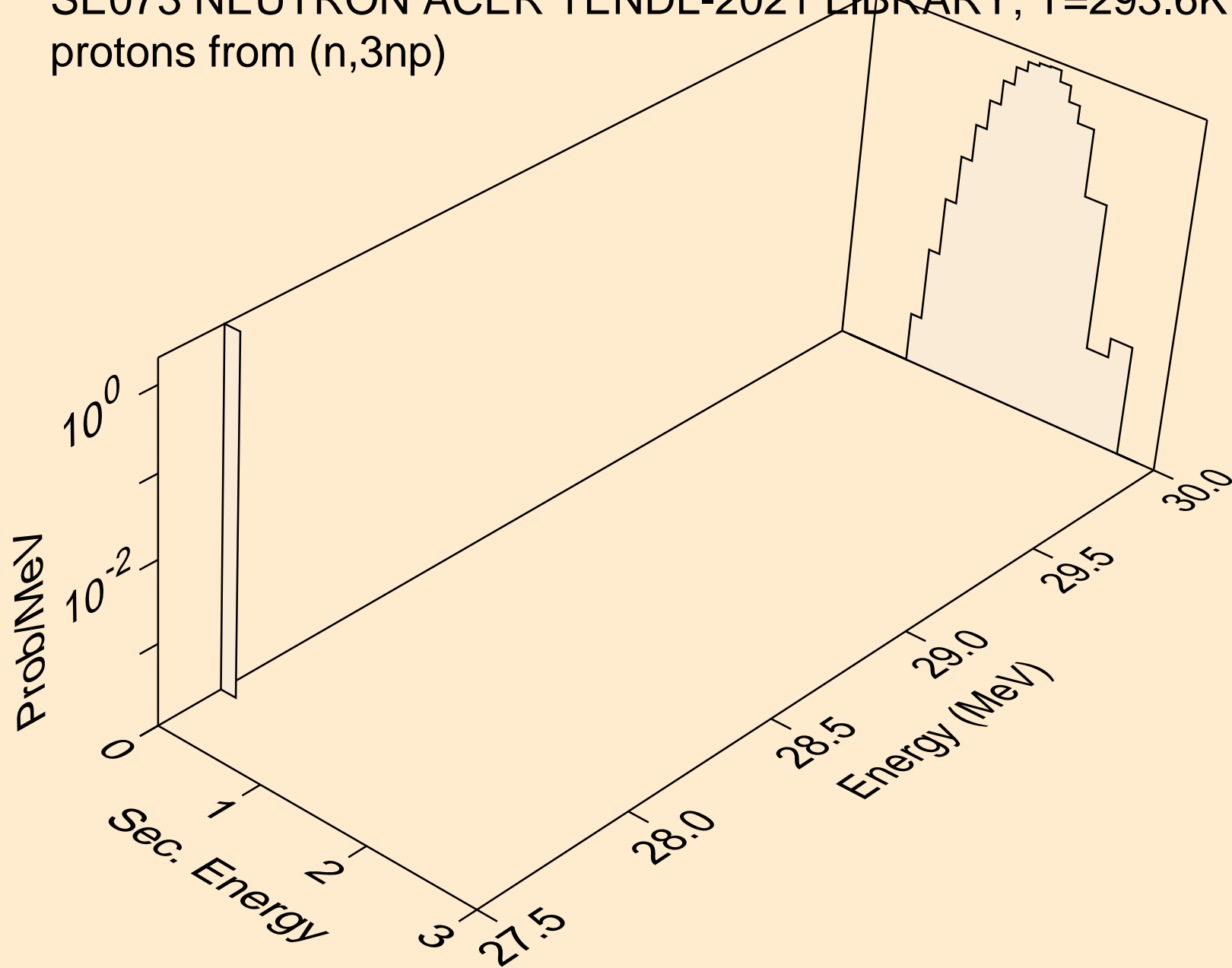
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protons from (n,n\*)p



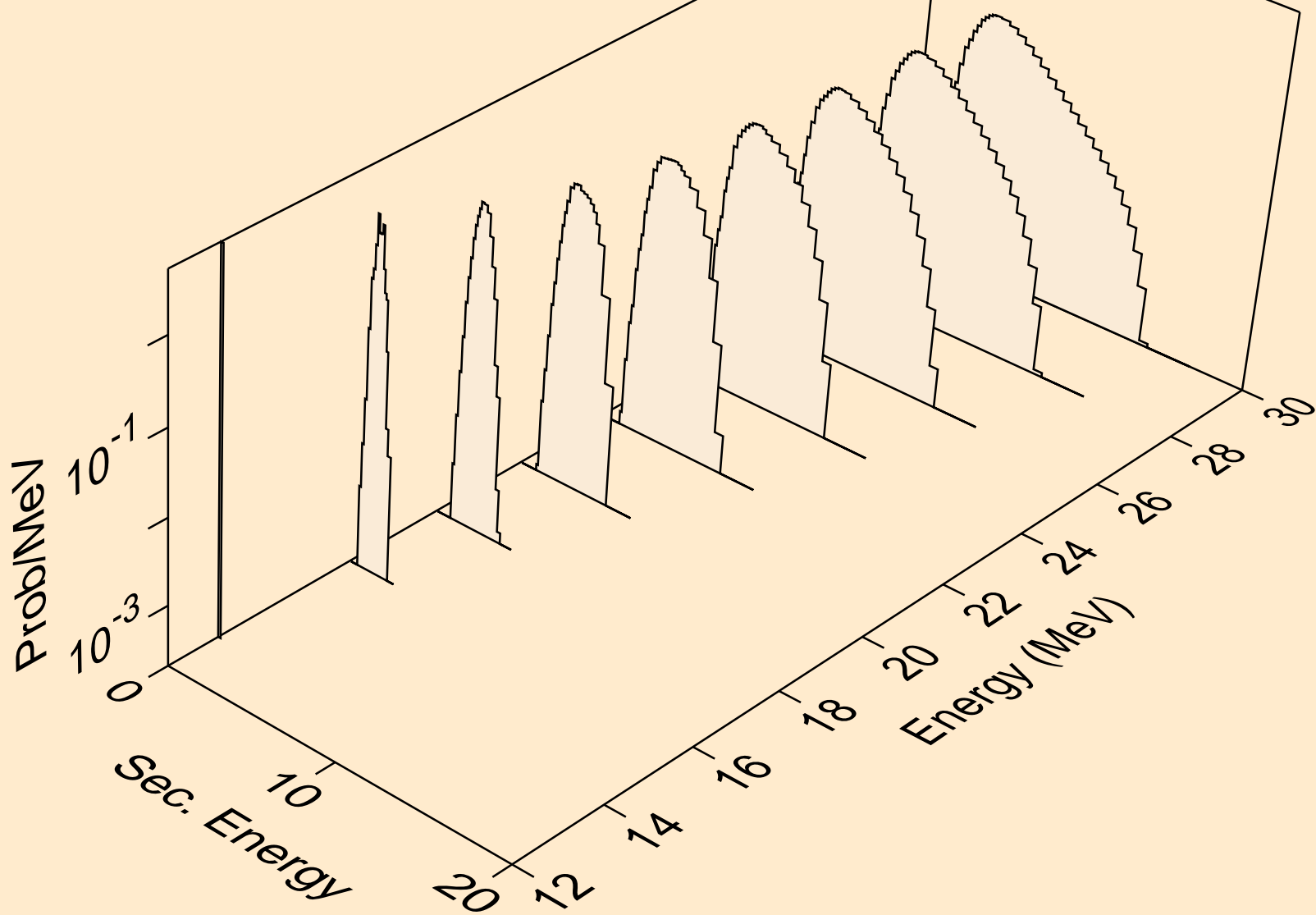
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protons from (n,2np)



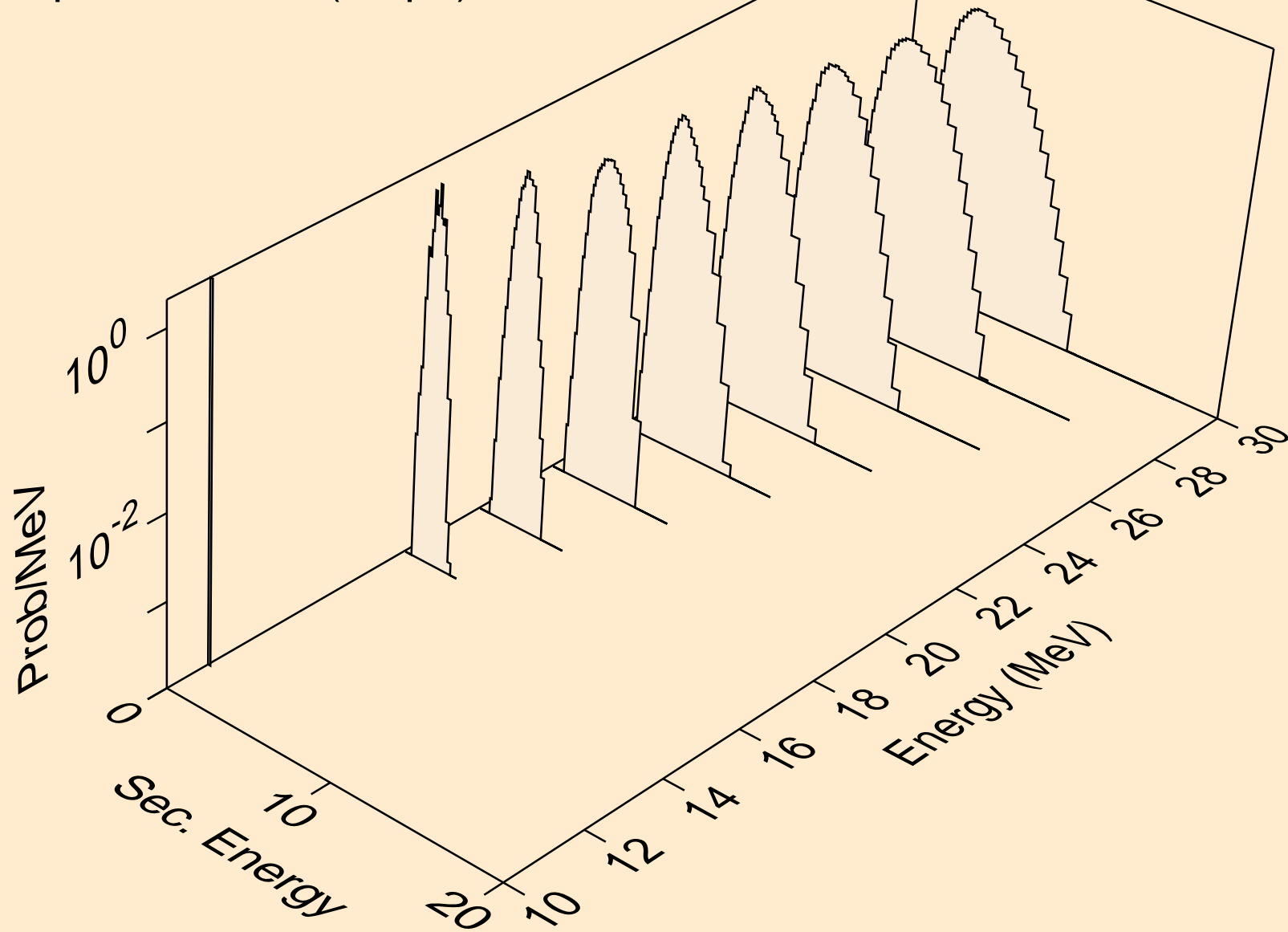
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protons from (n,3np)



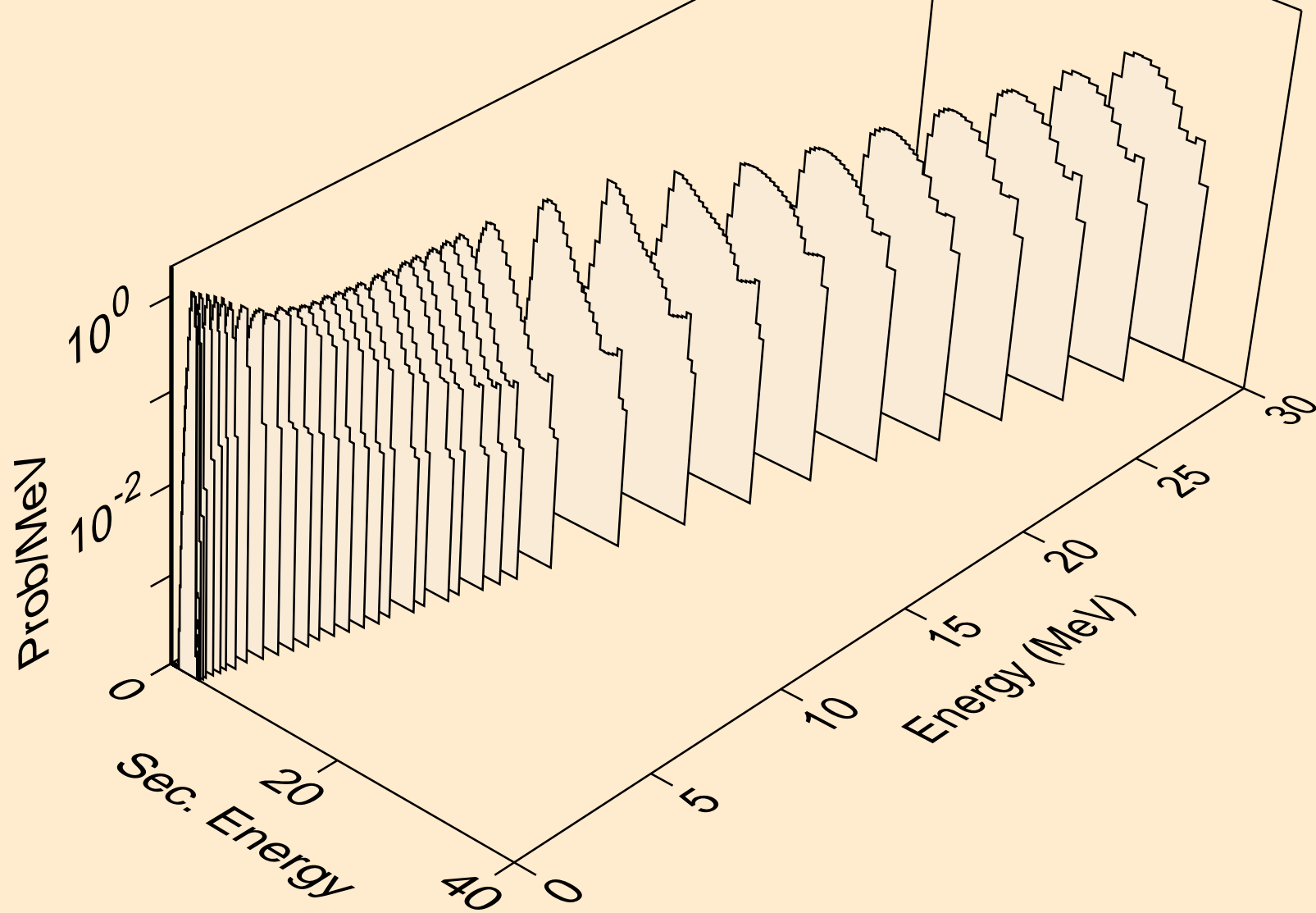
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protons from (n,2np)



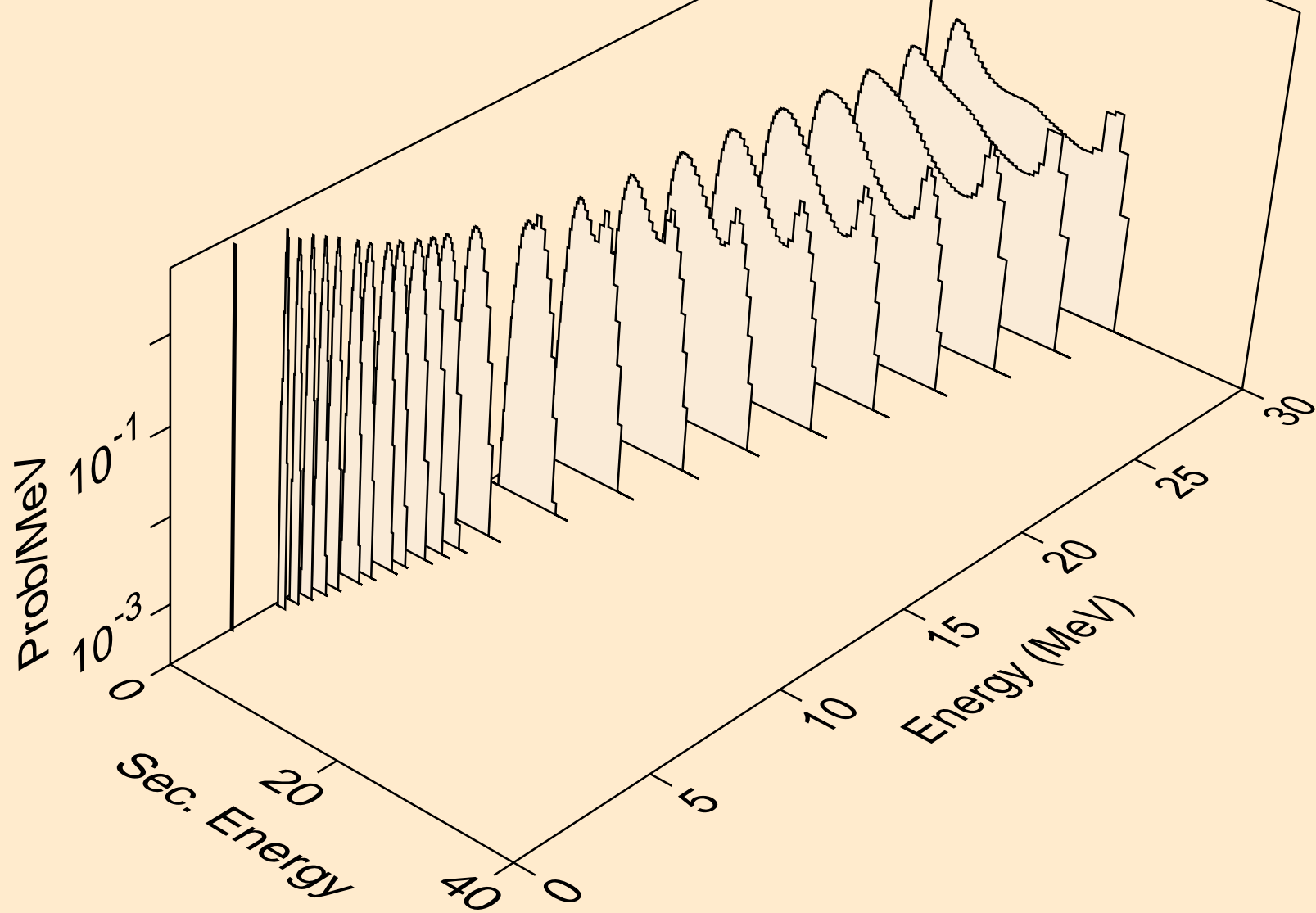
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protons from (n,npa)



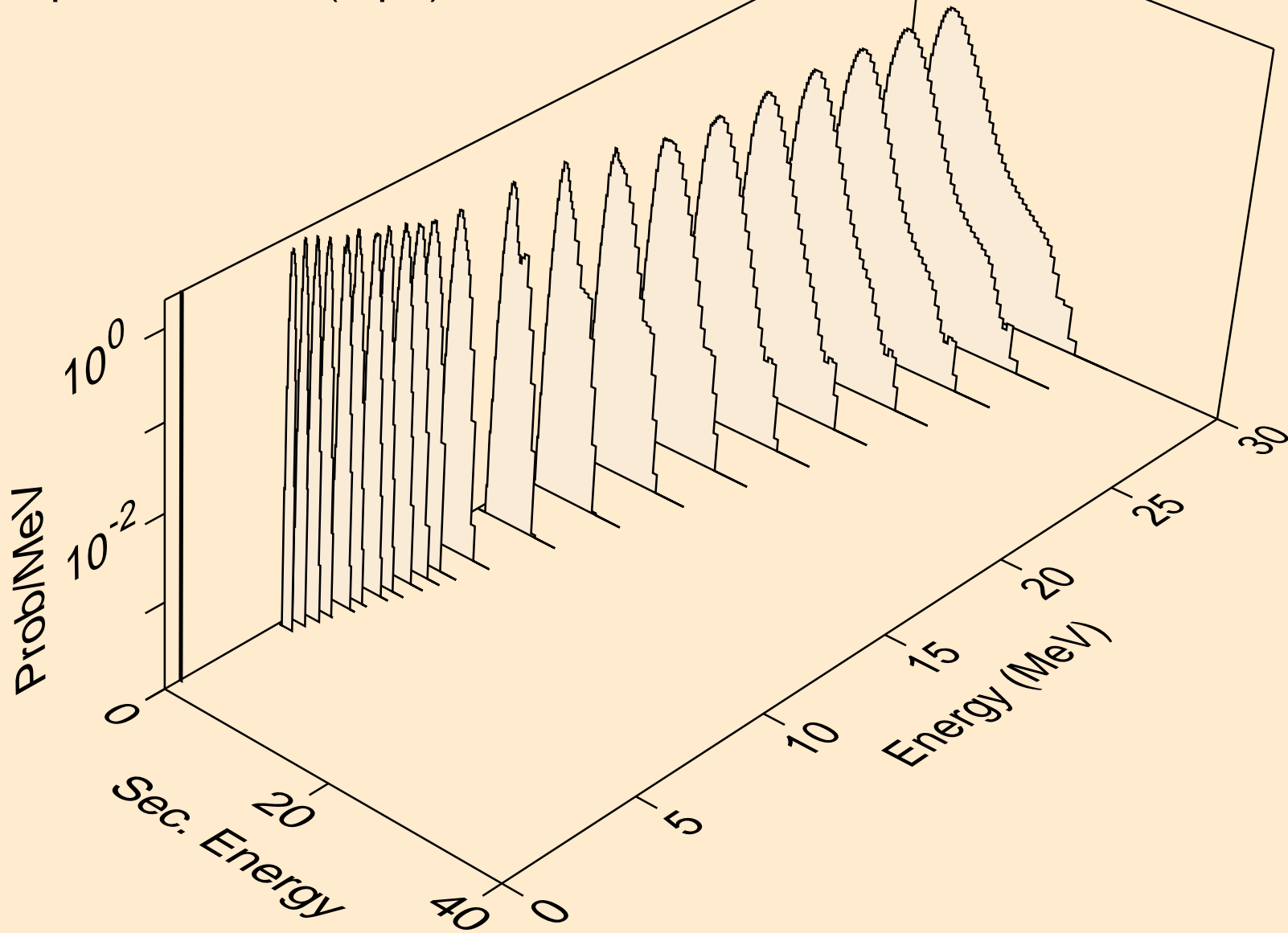
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protons from (n,p)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

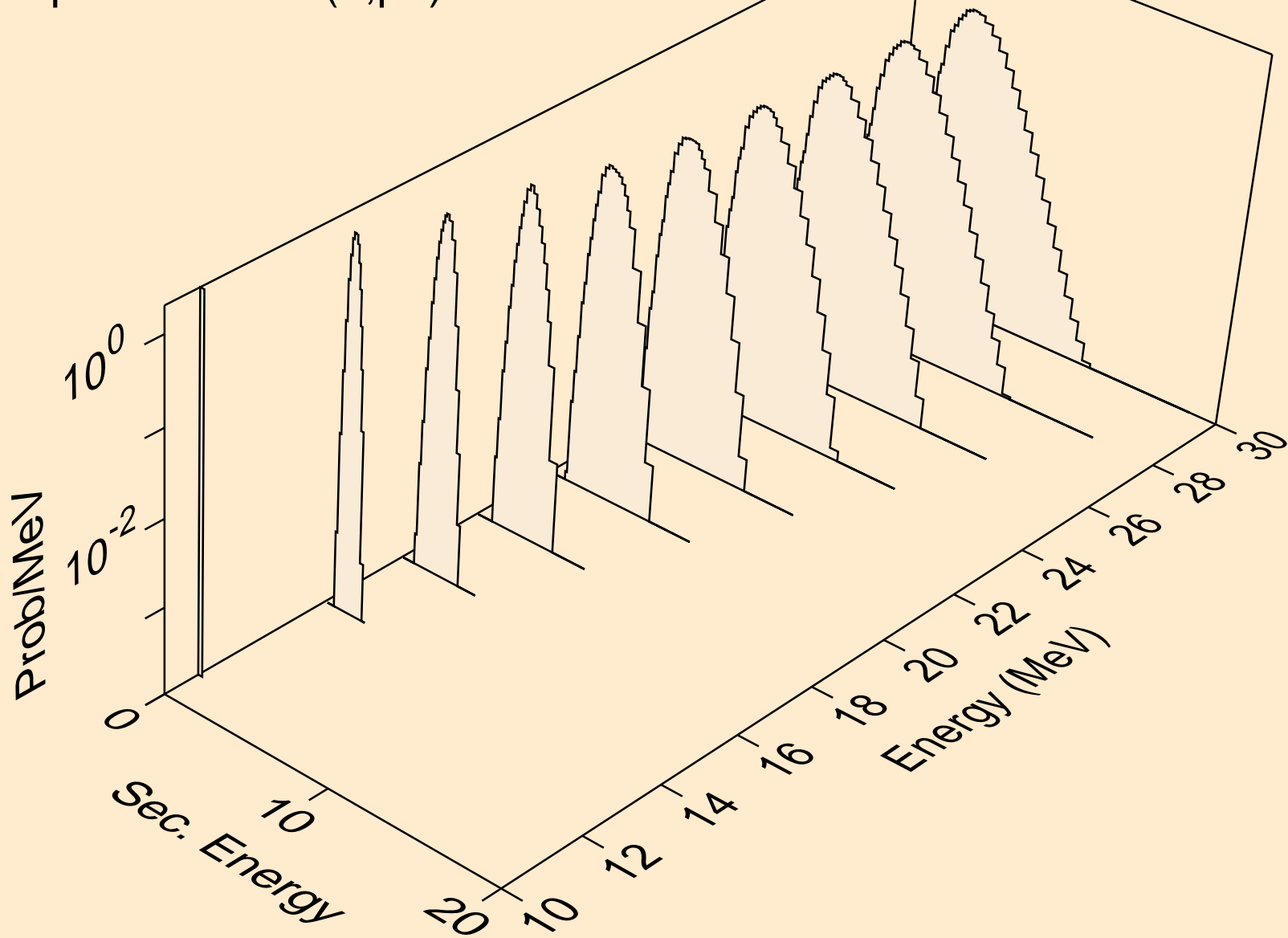


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protons from (n,p)

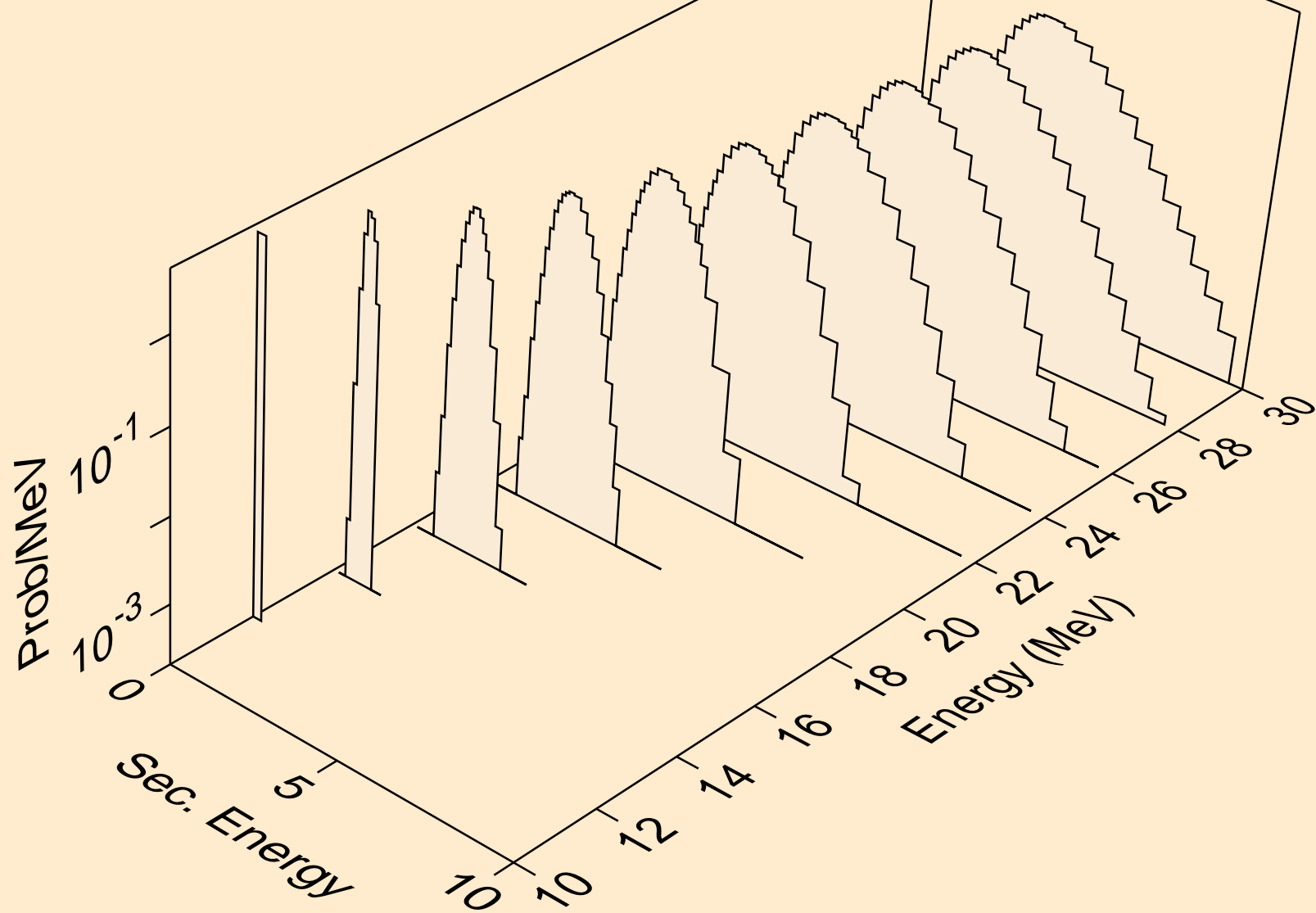




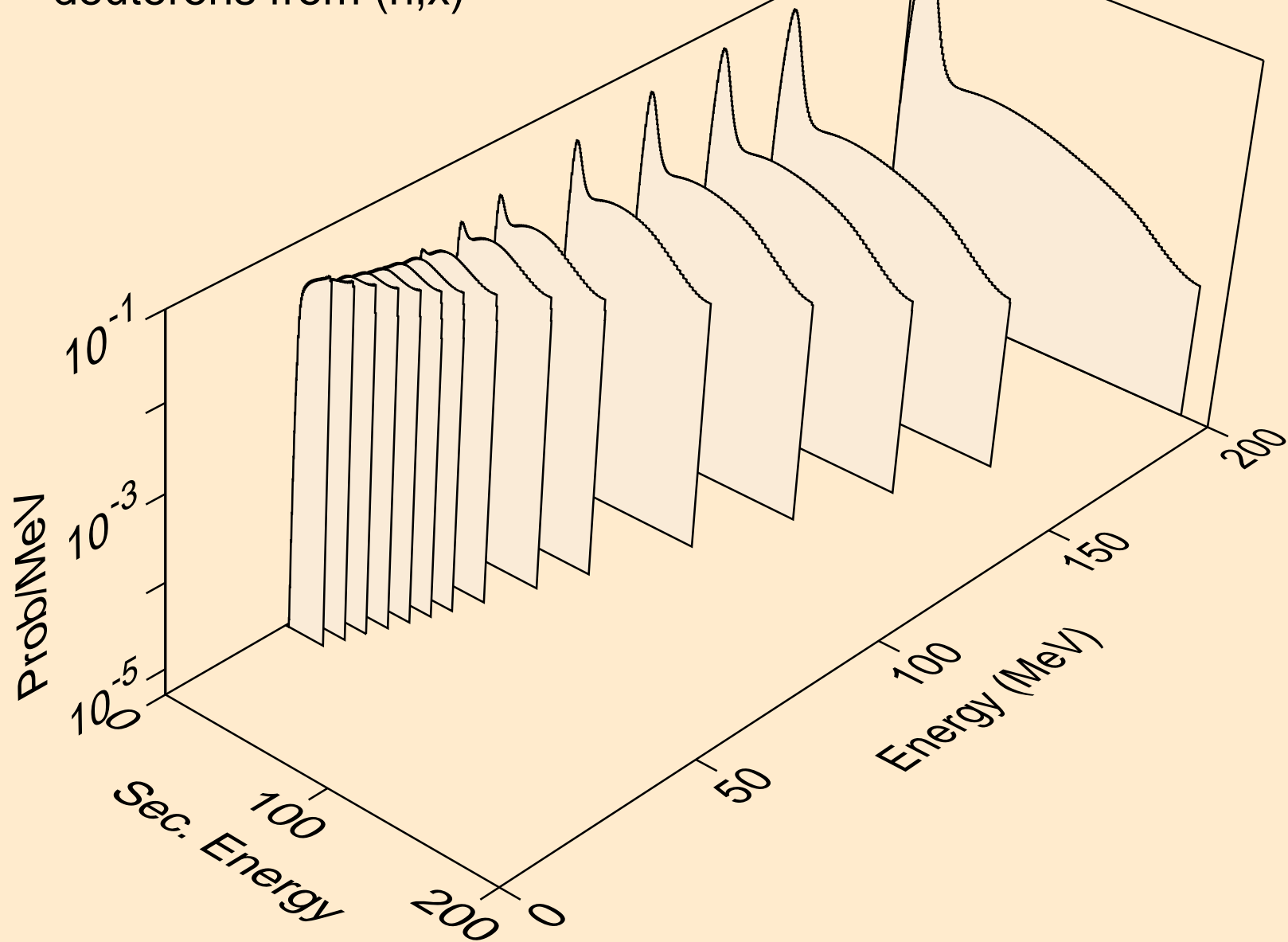
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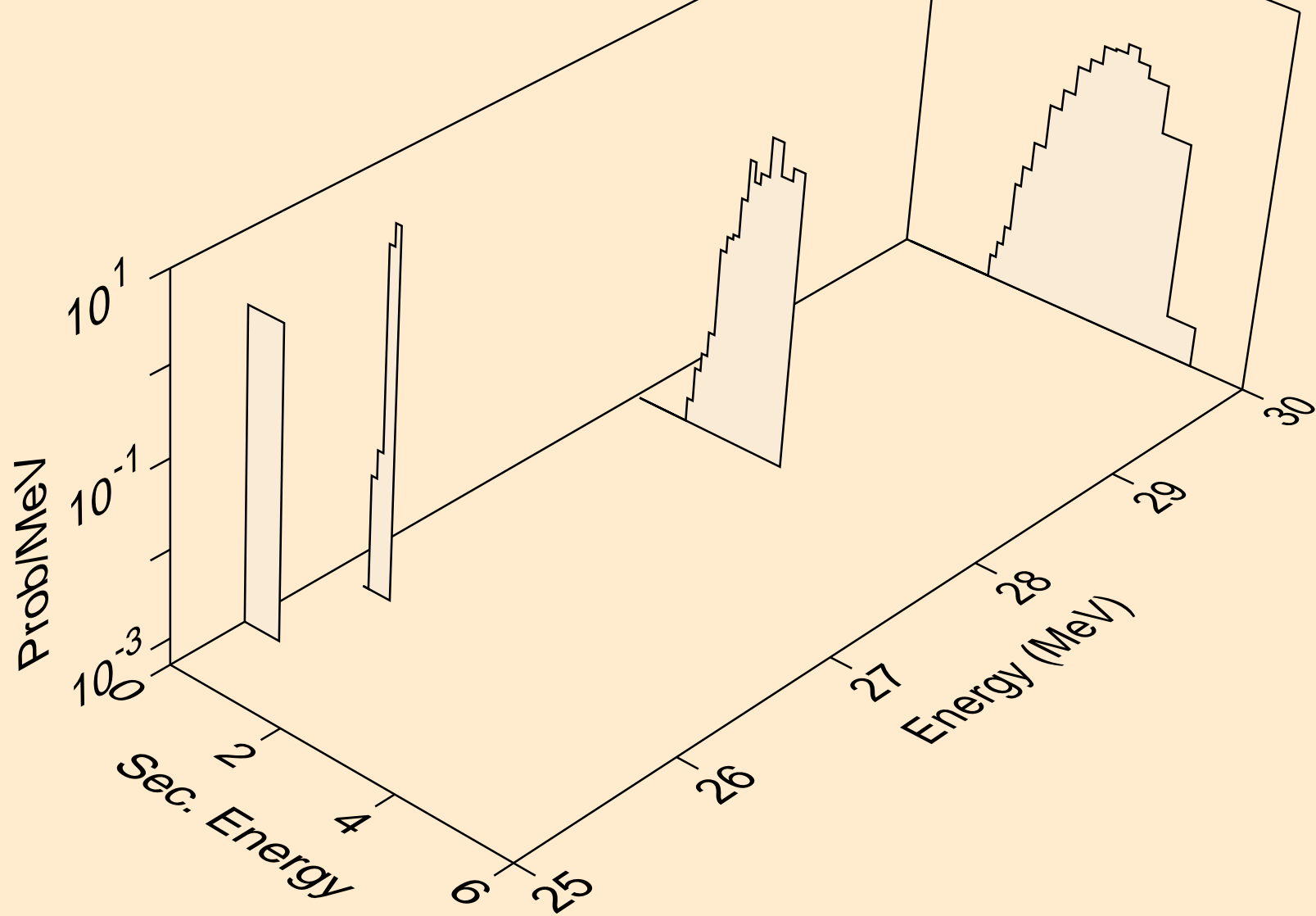
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protons from (n,pt)



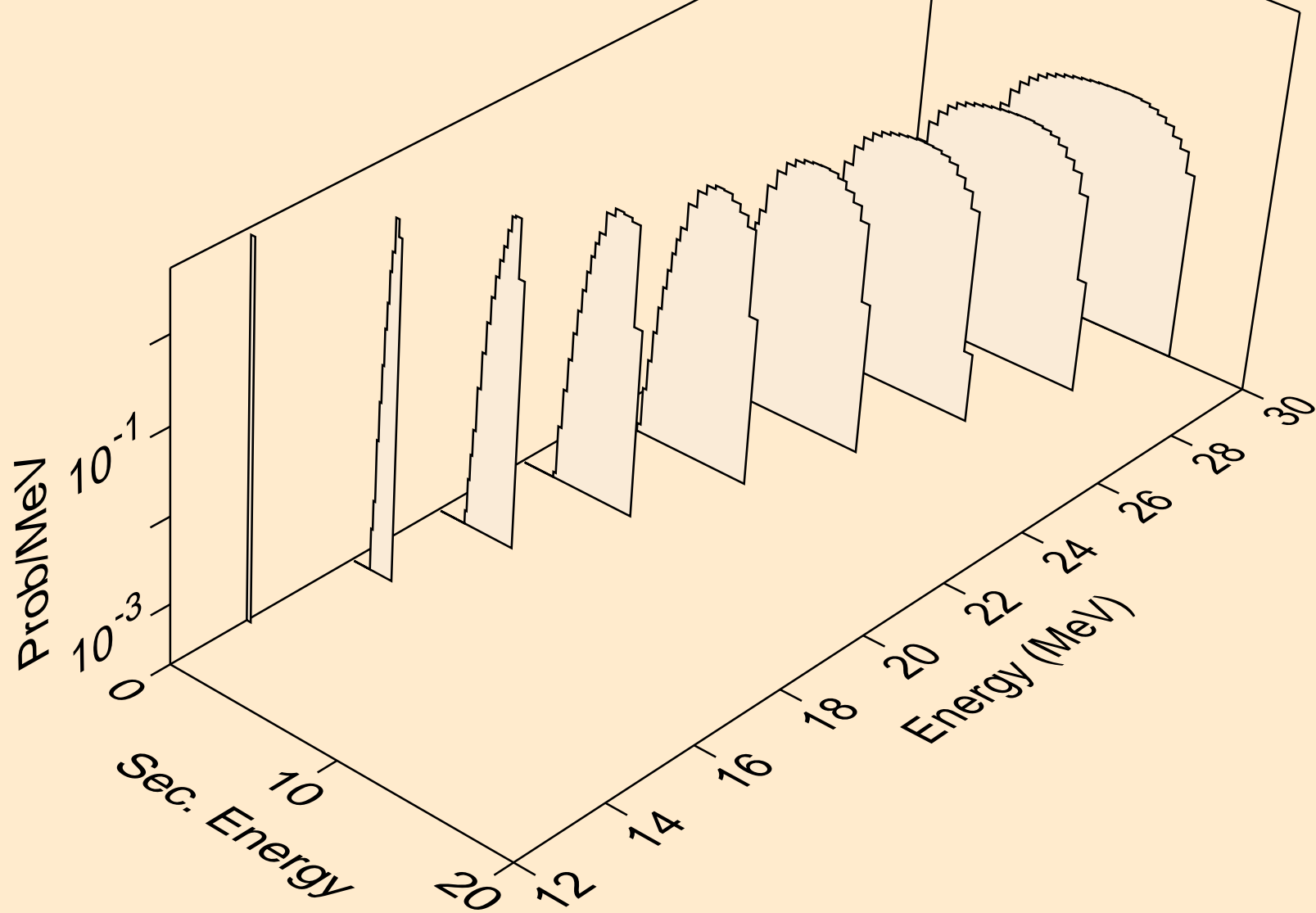
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deuterons from (n,x)



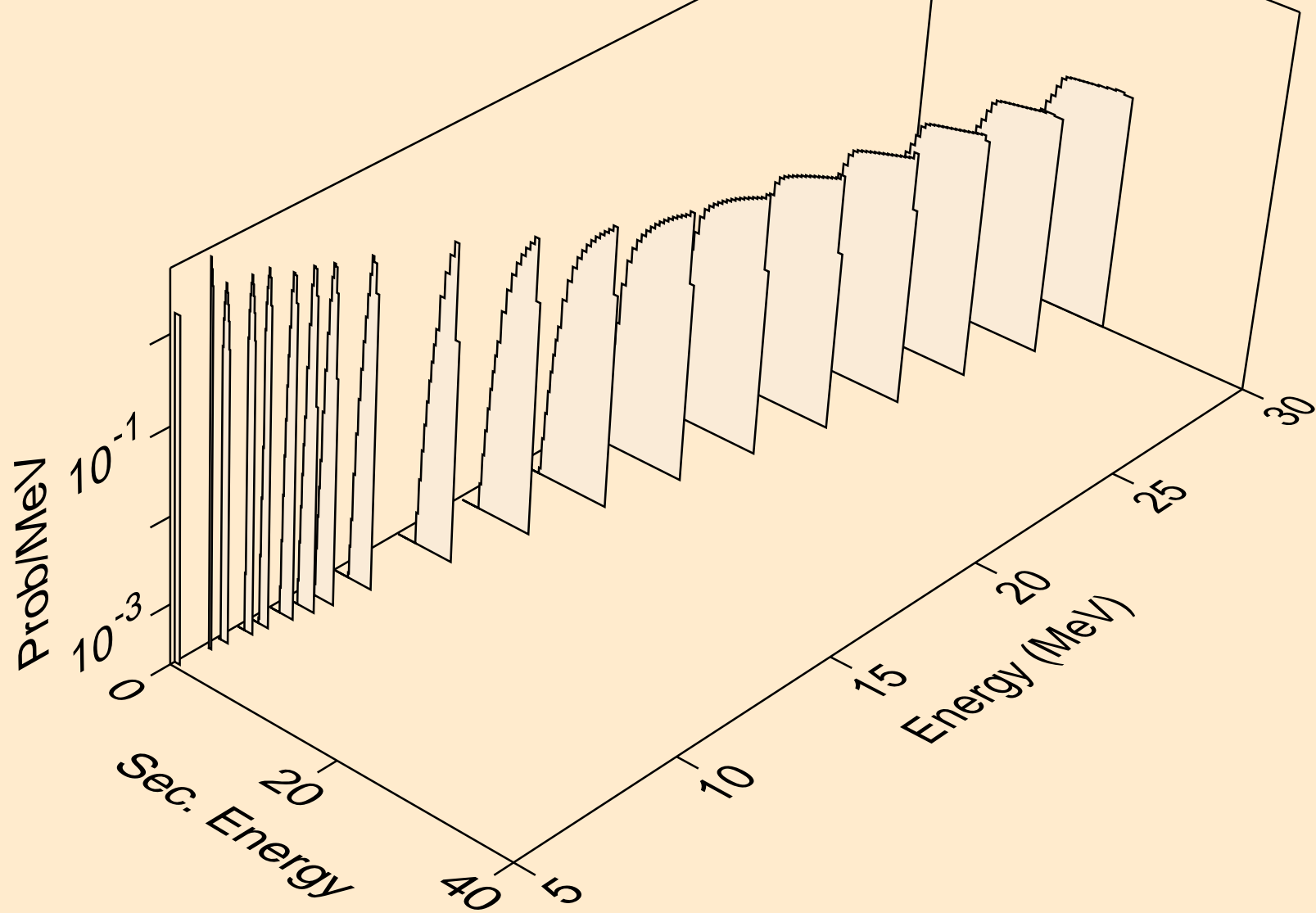
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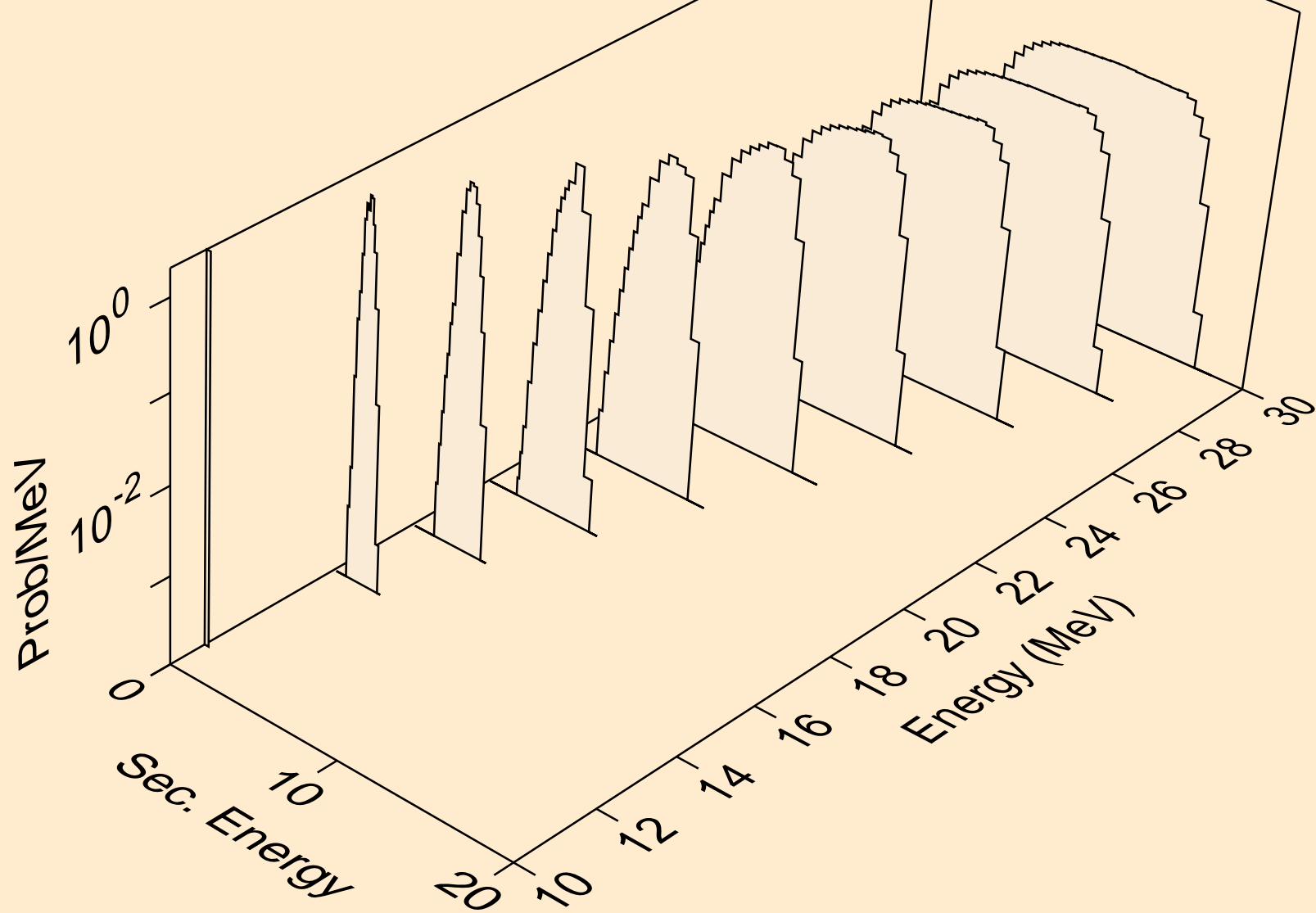
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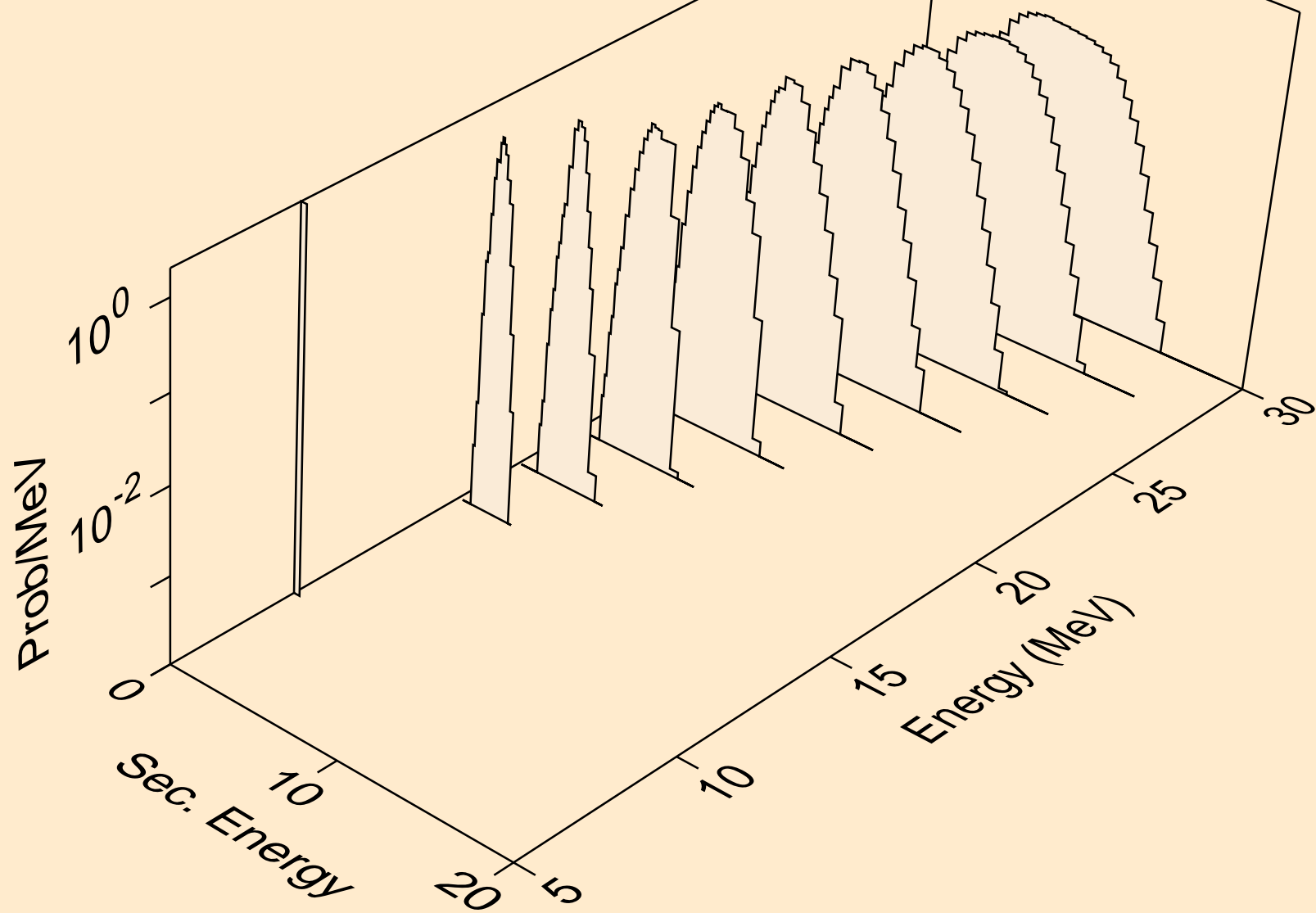
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deuterons from (n,d)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

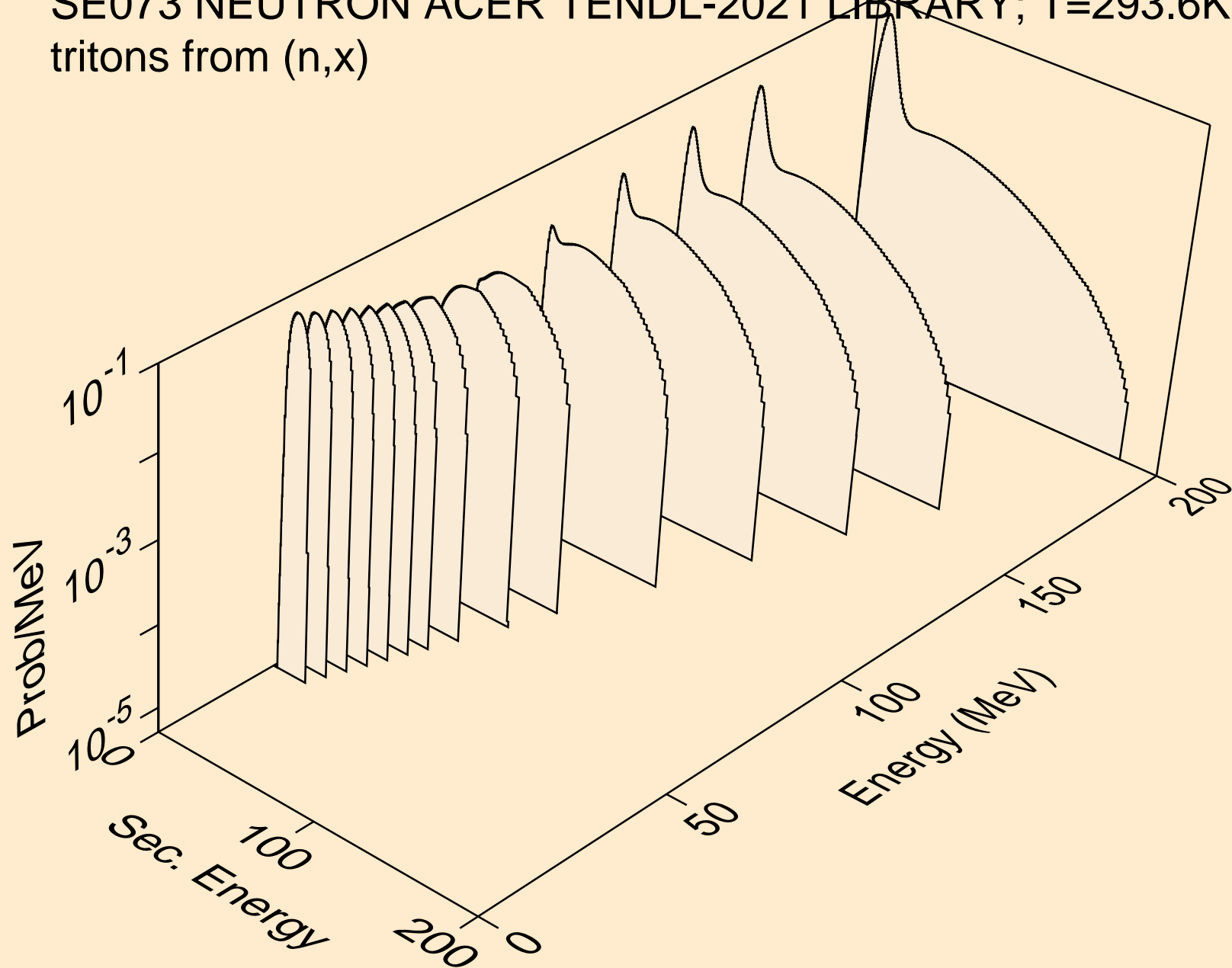


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deuterons from (n,da)

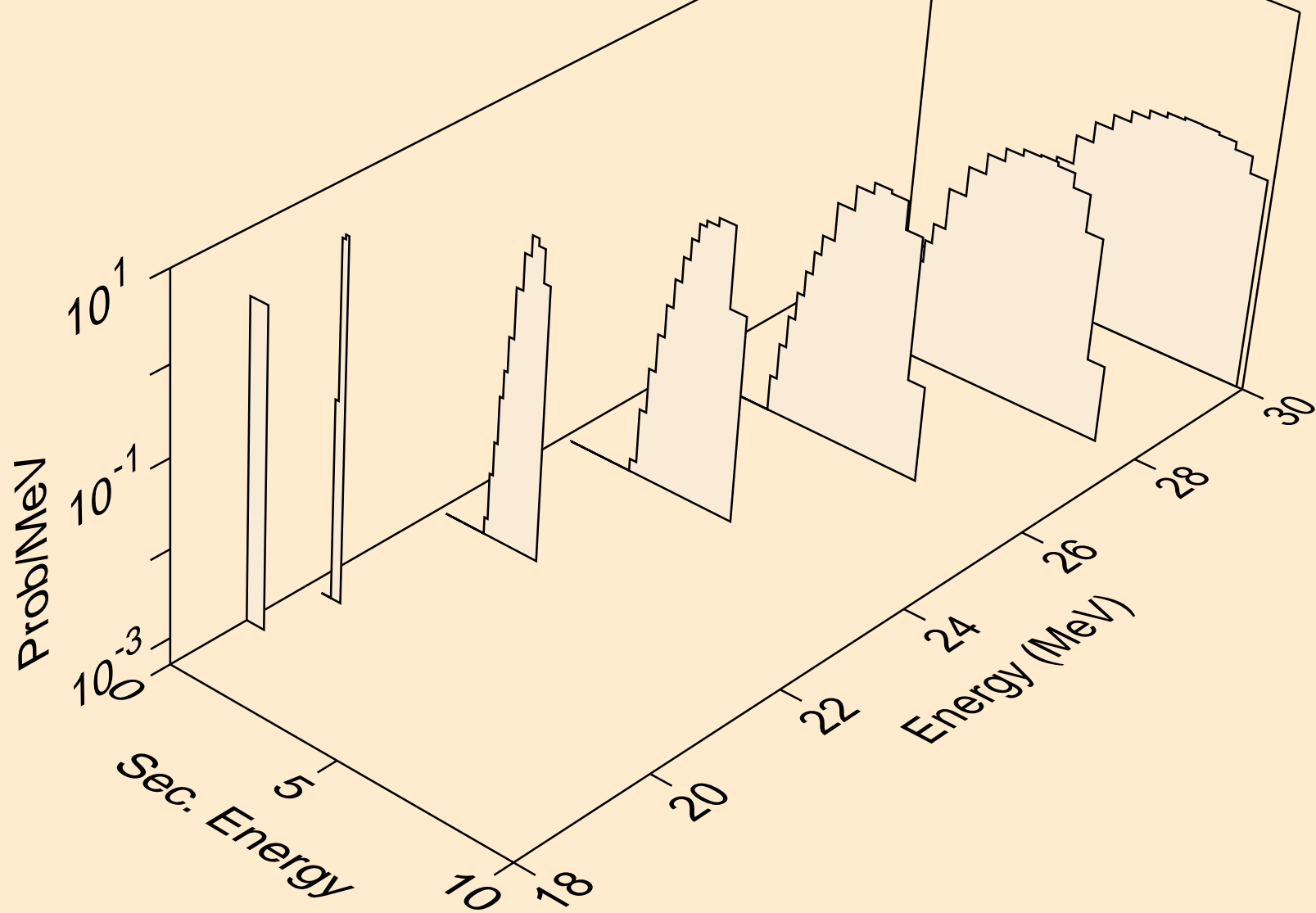




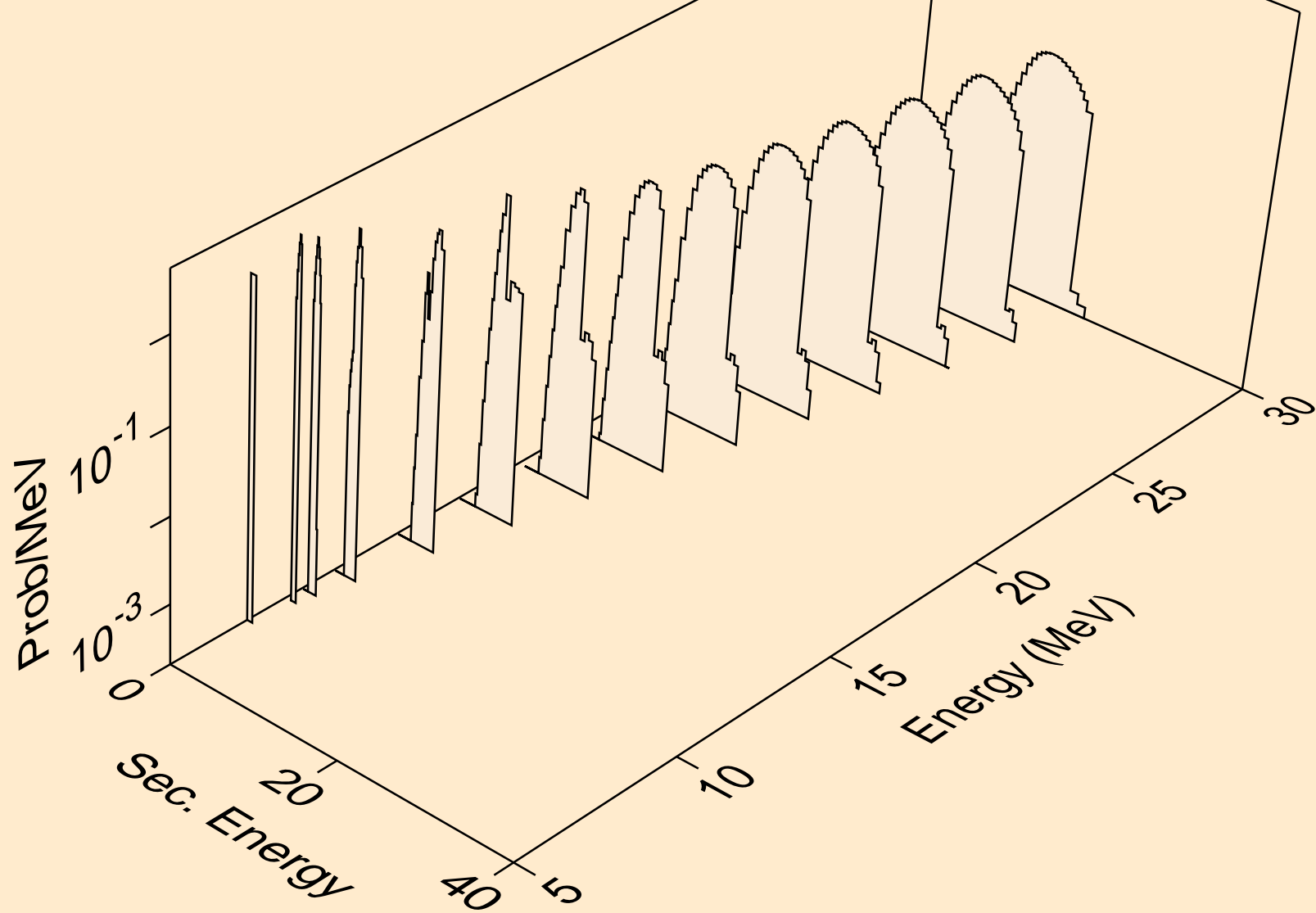
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tritons from (n,x)



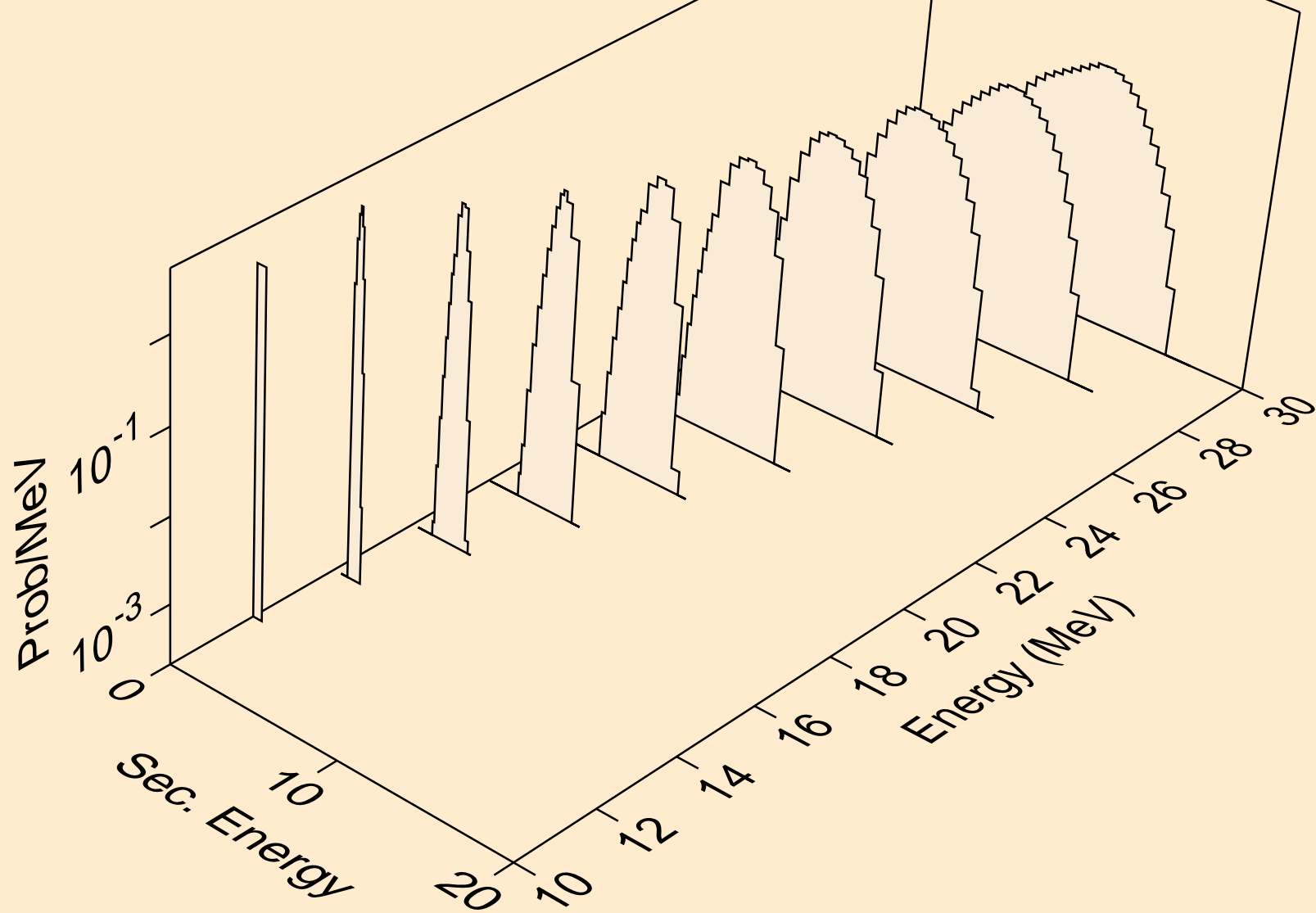
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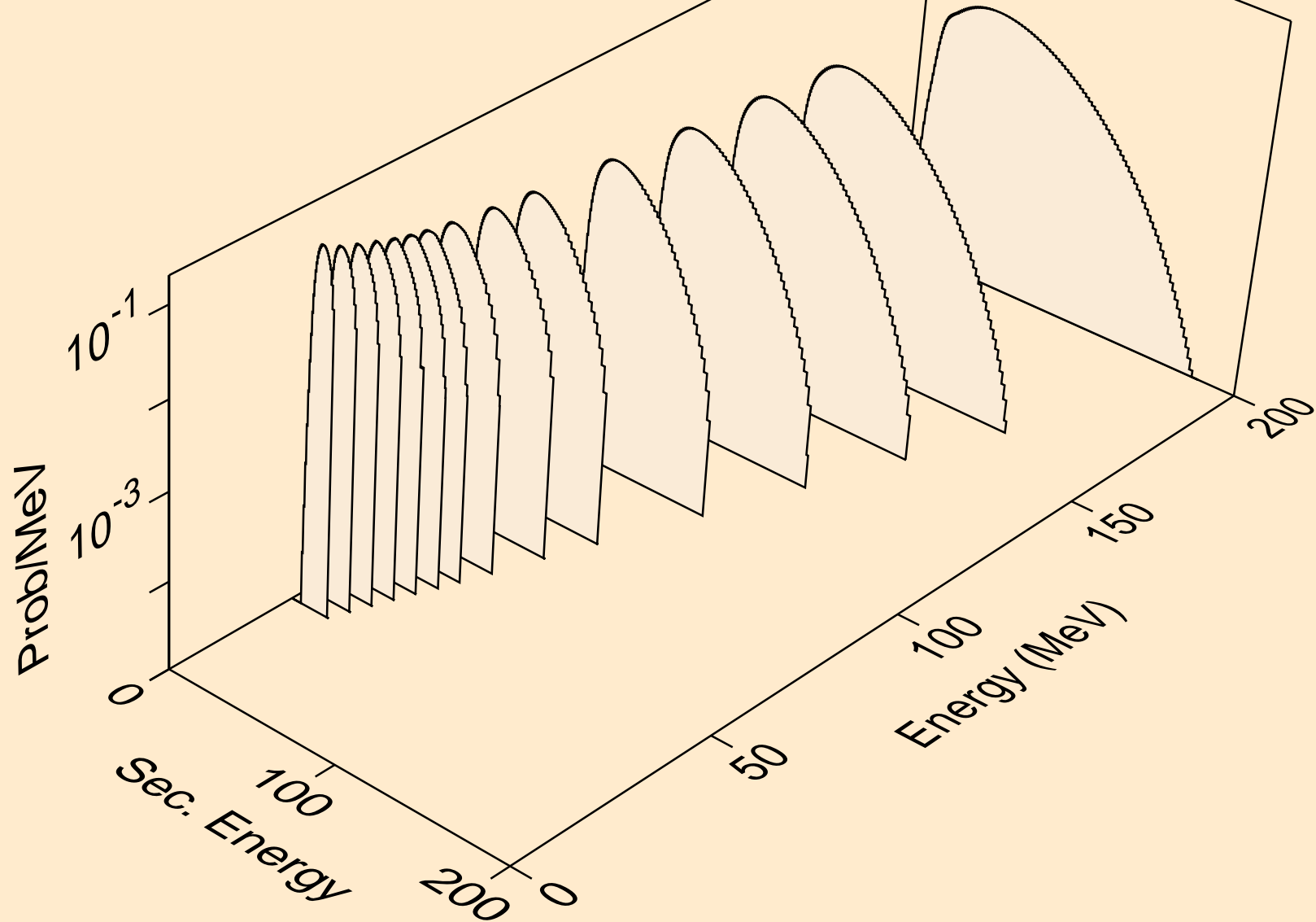
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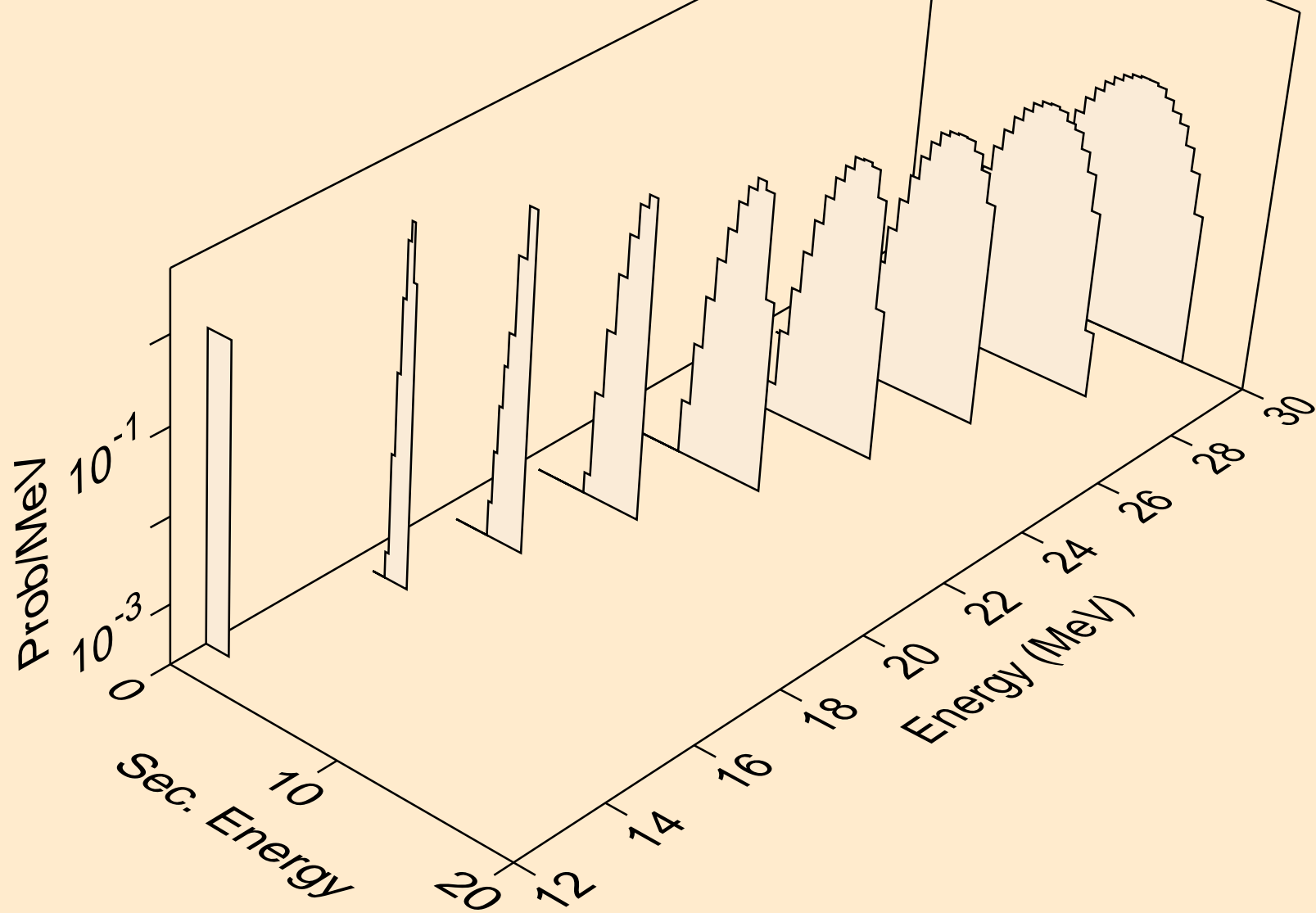
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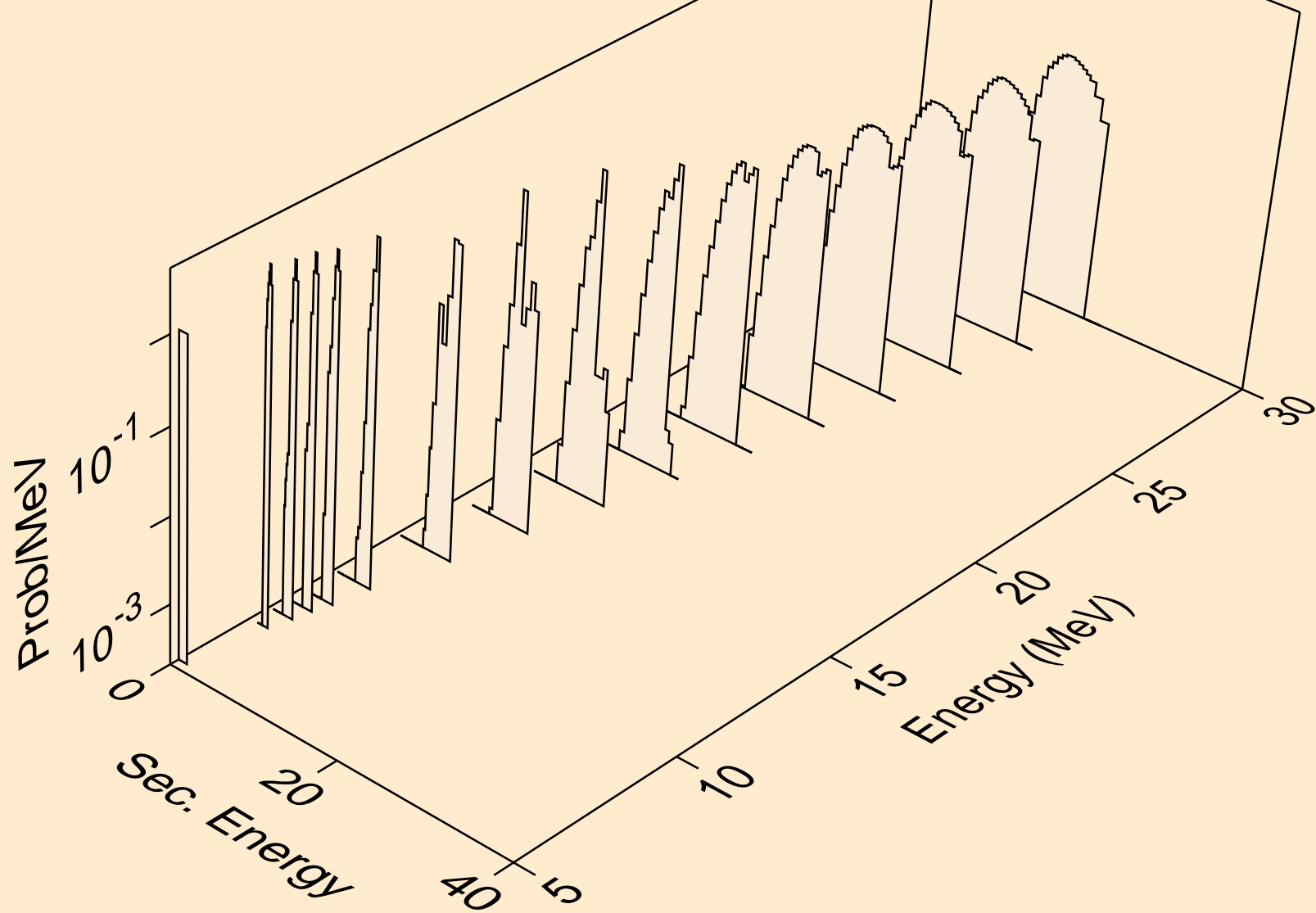
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



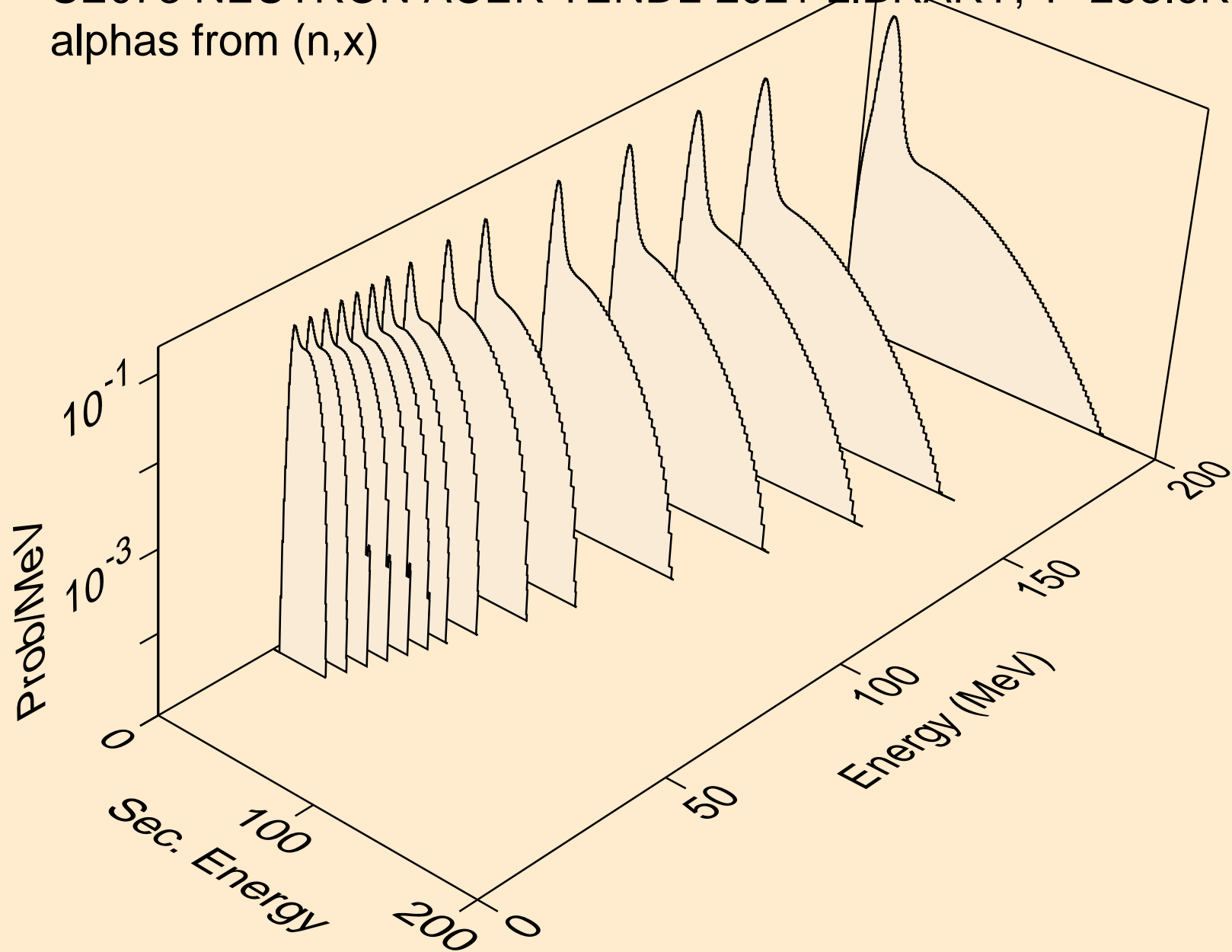
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

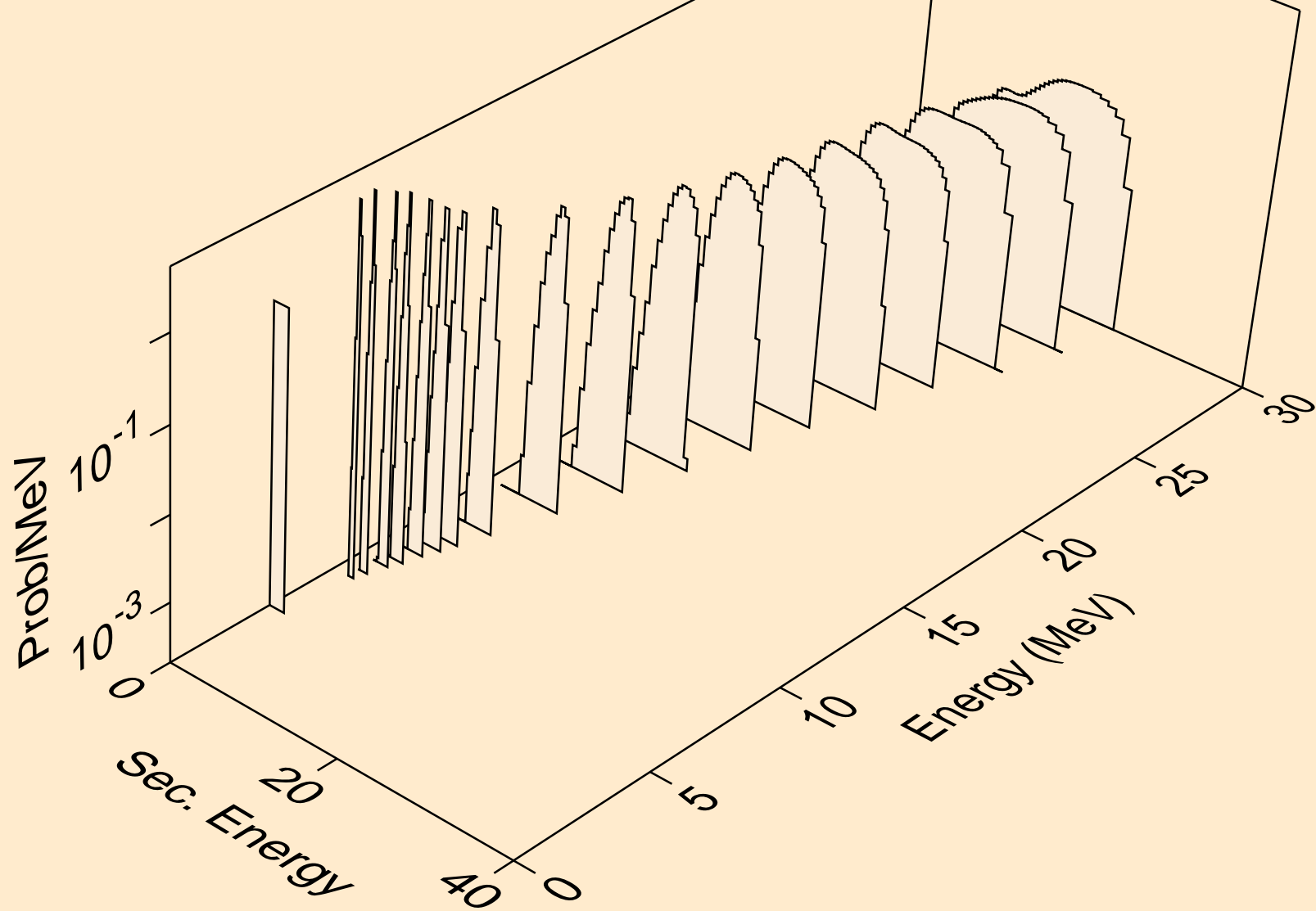


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

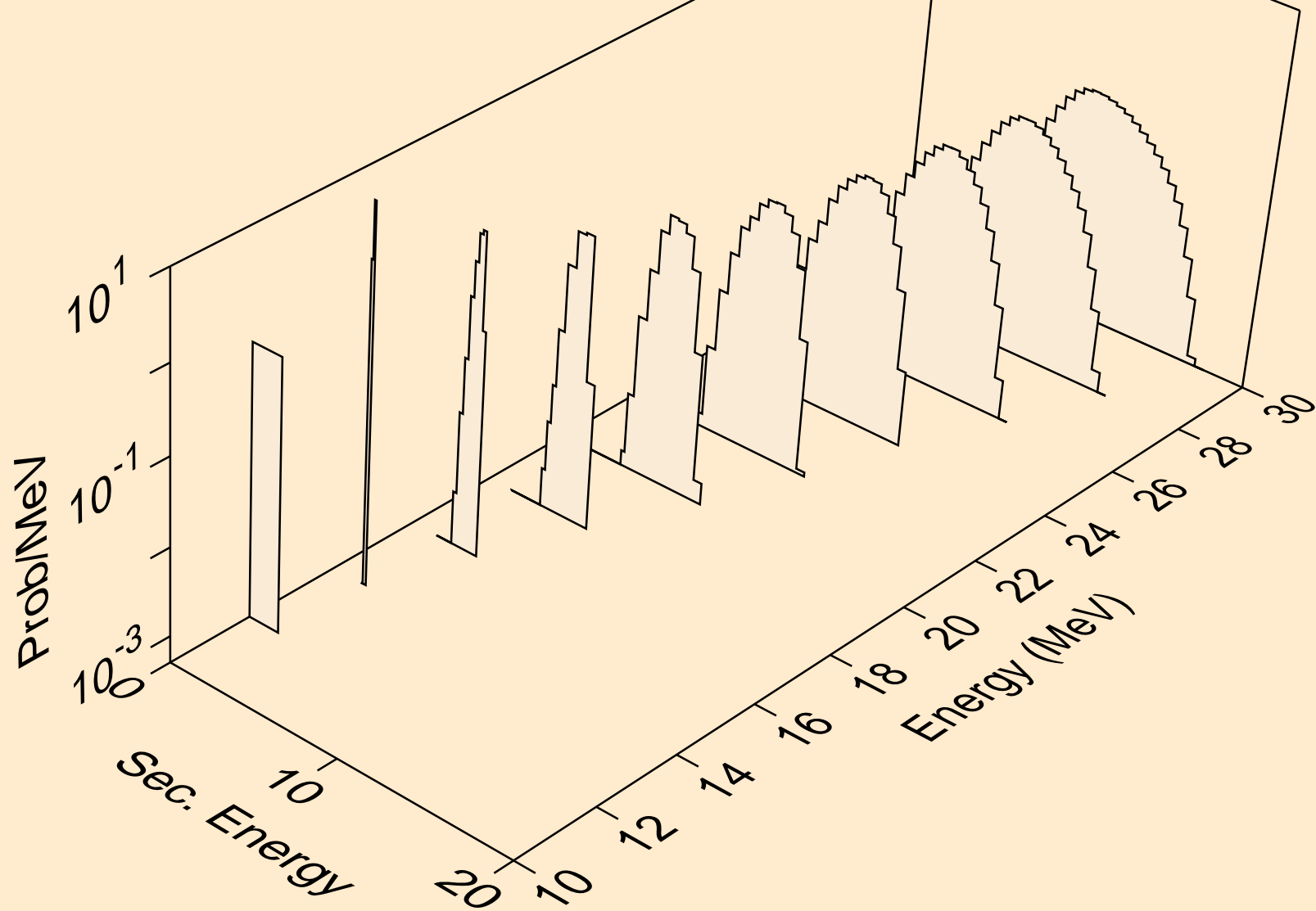




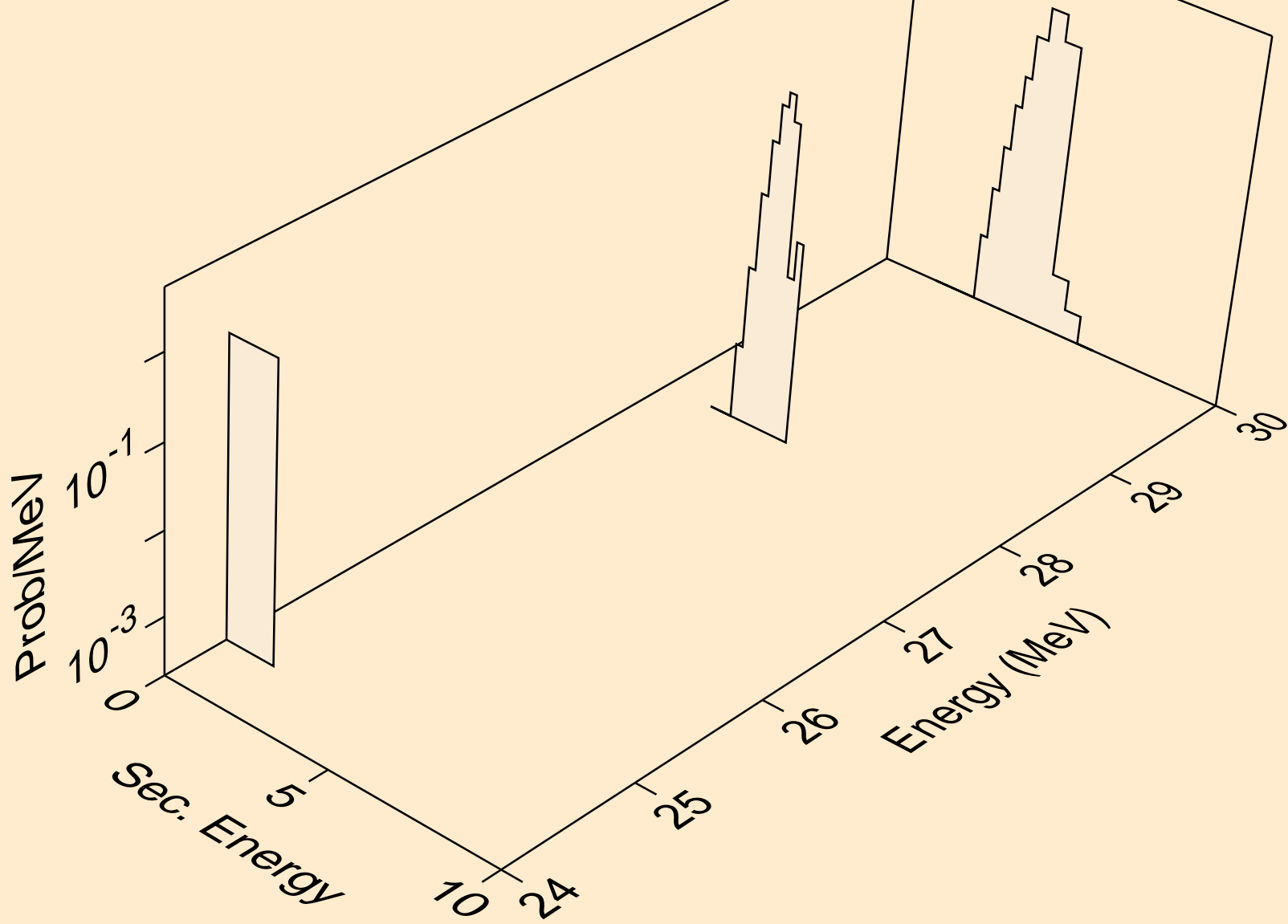
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



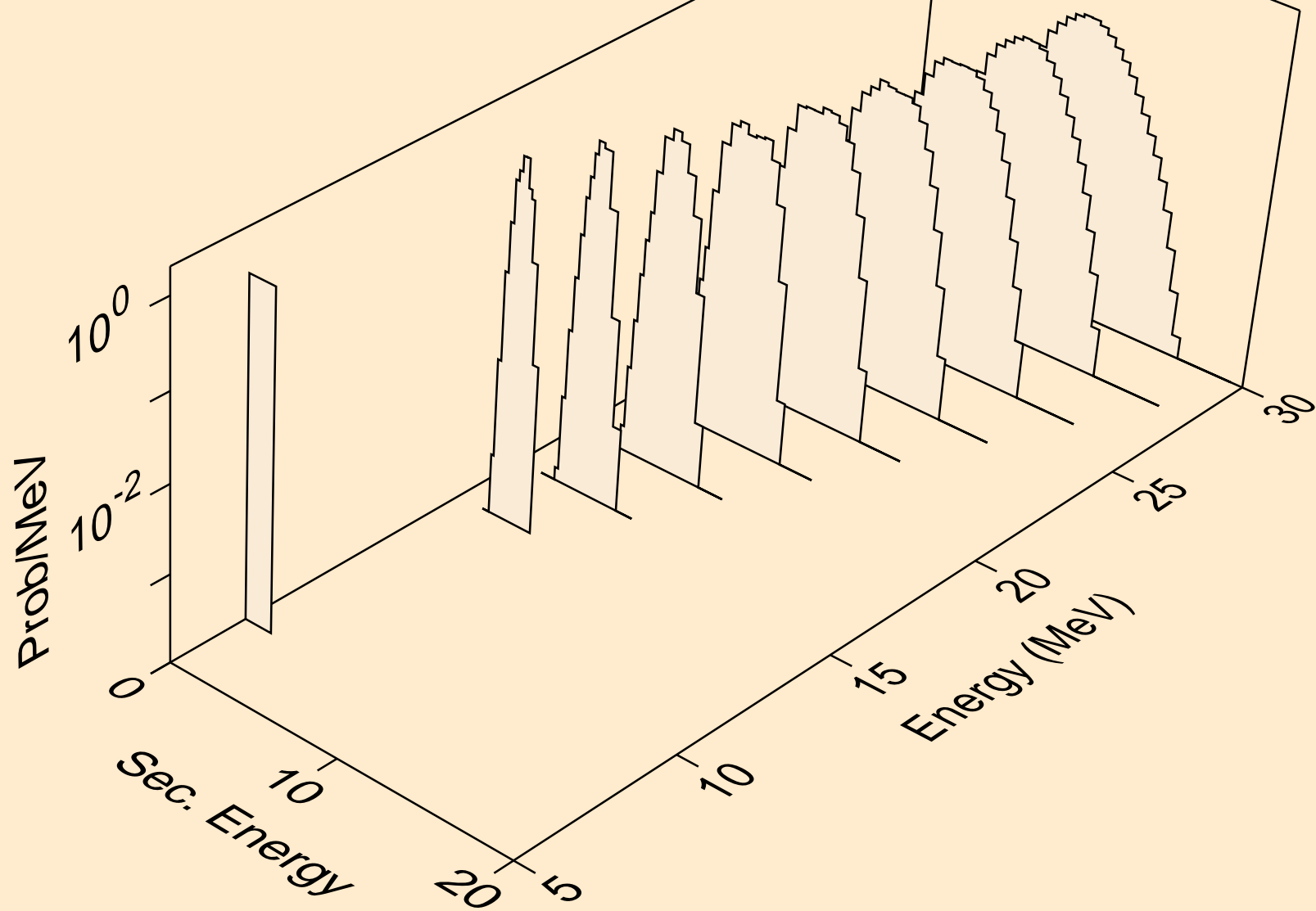
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



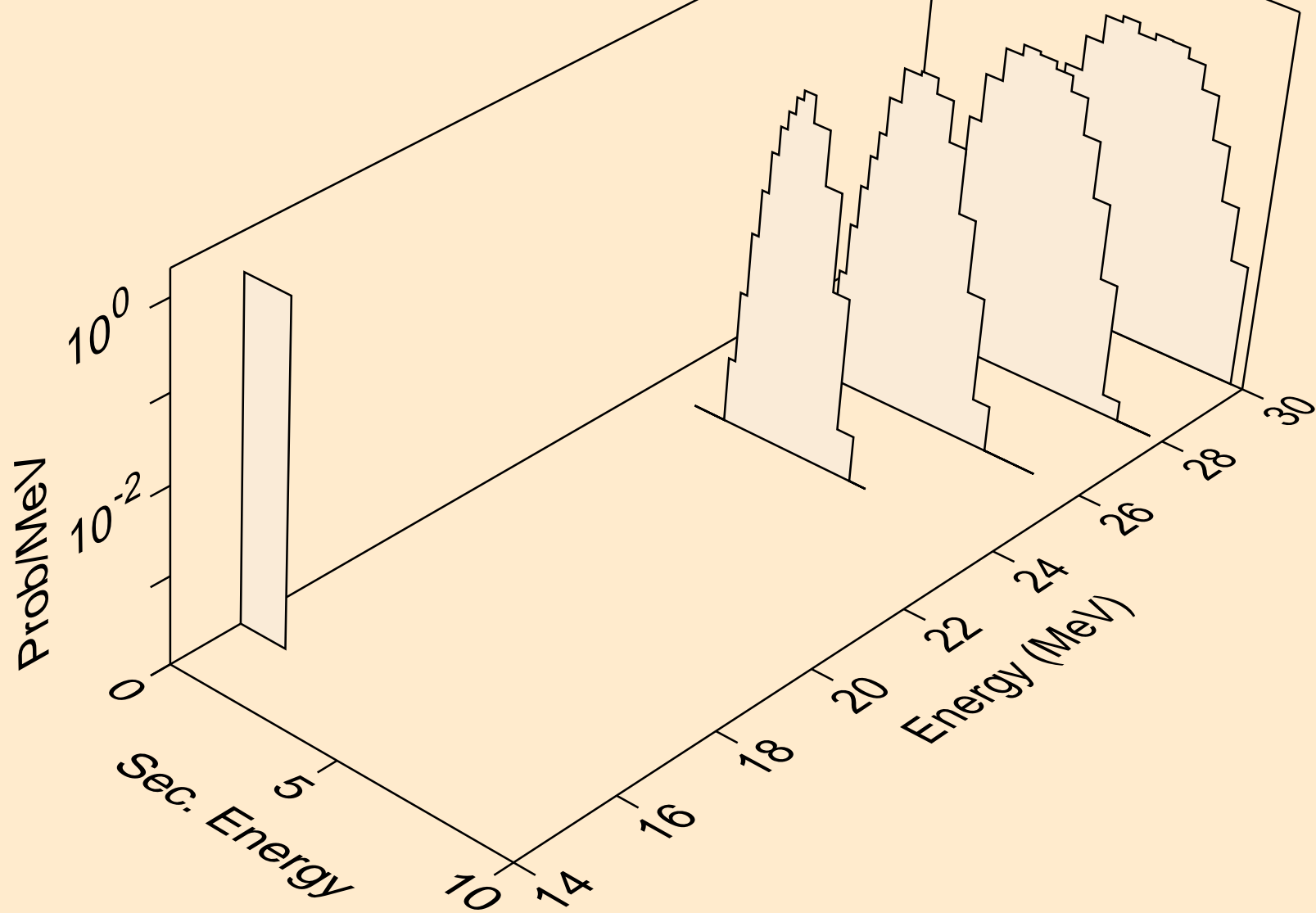
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



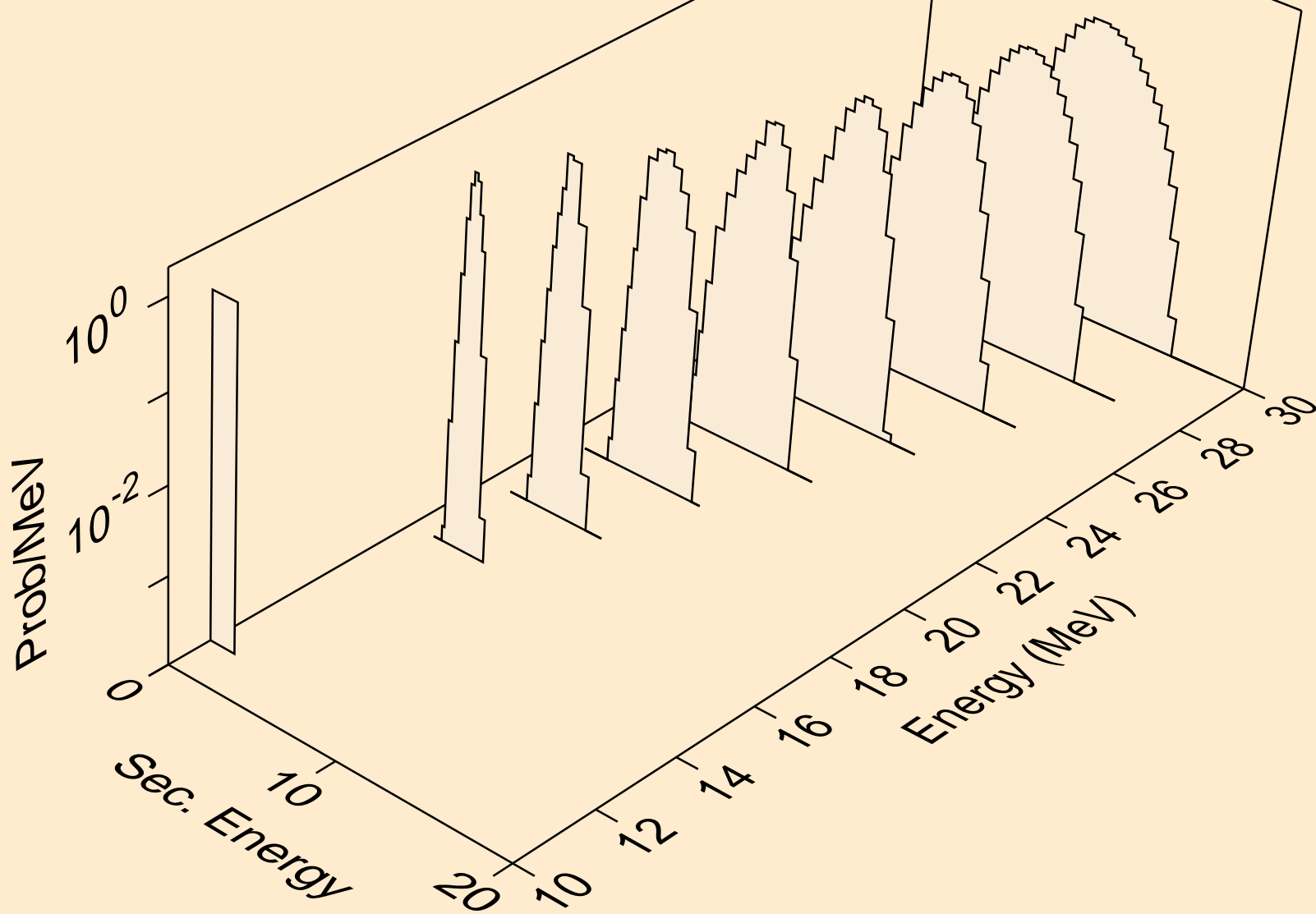
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



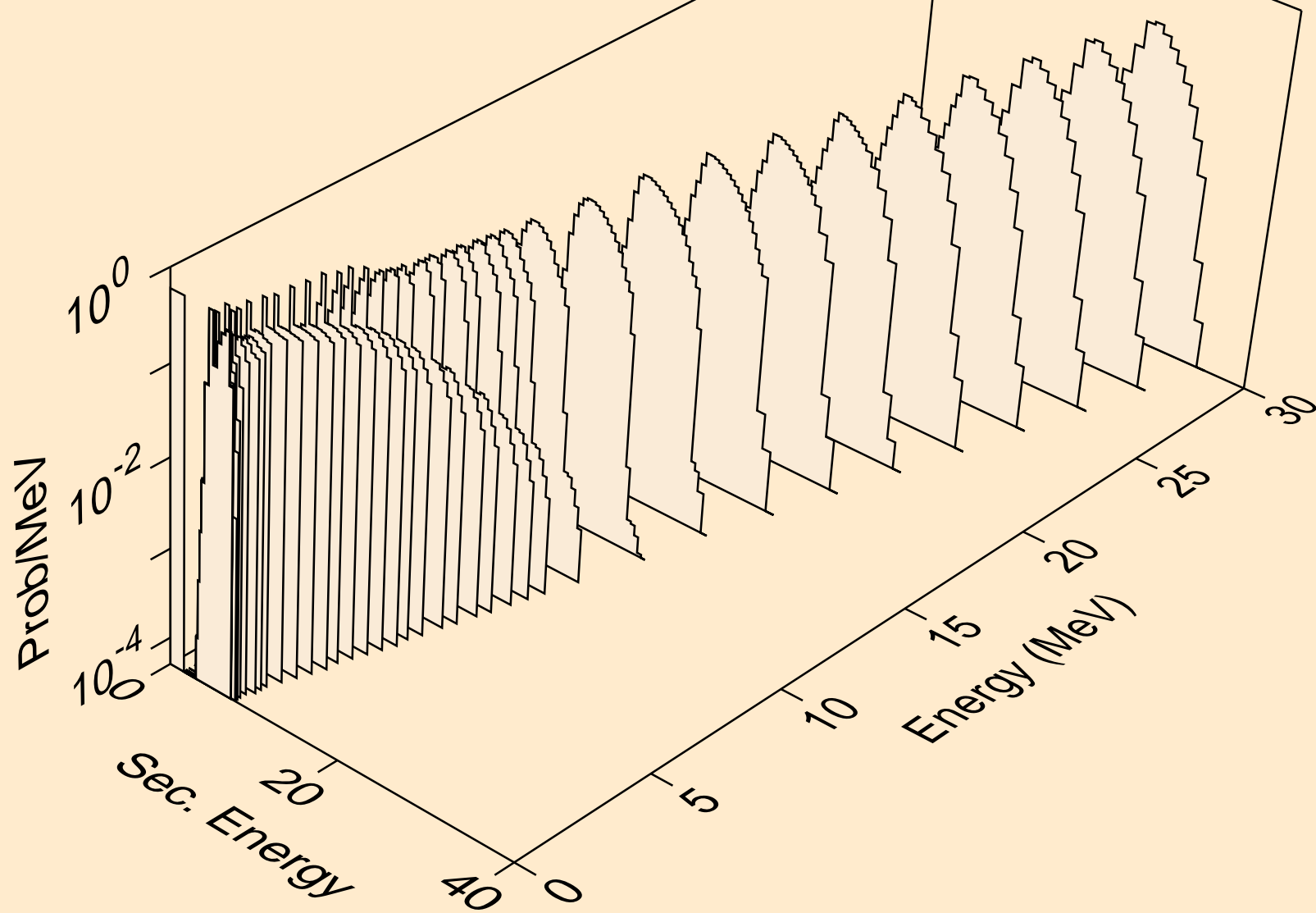
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



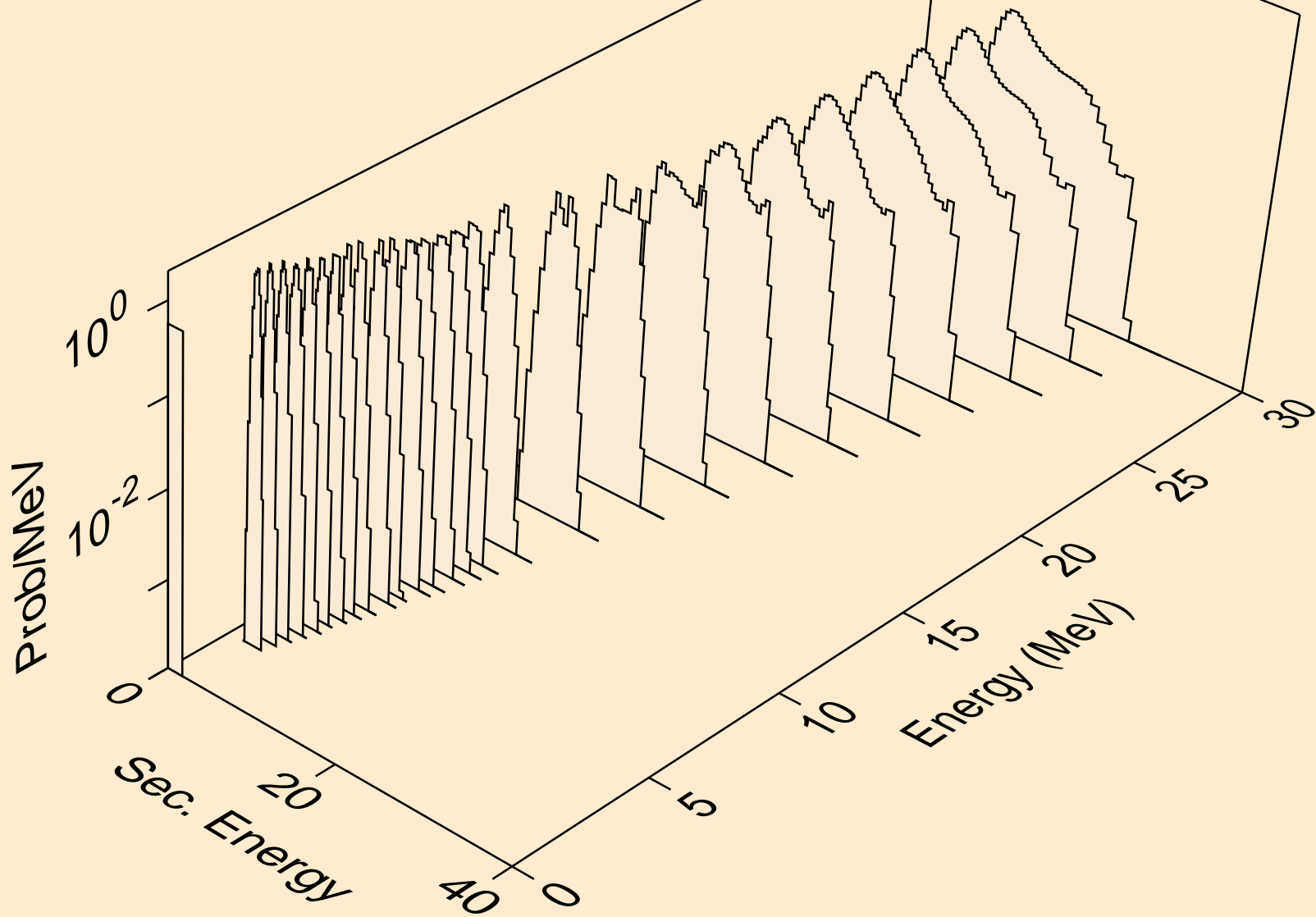
SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

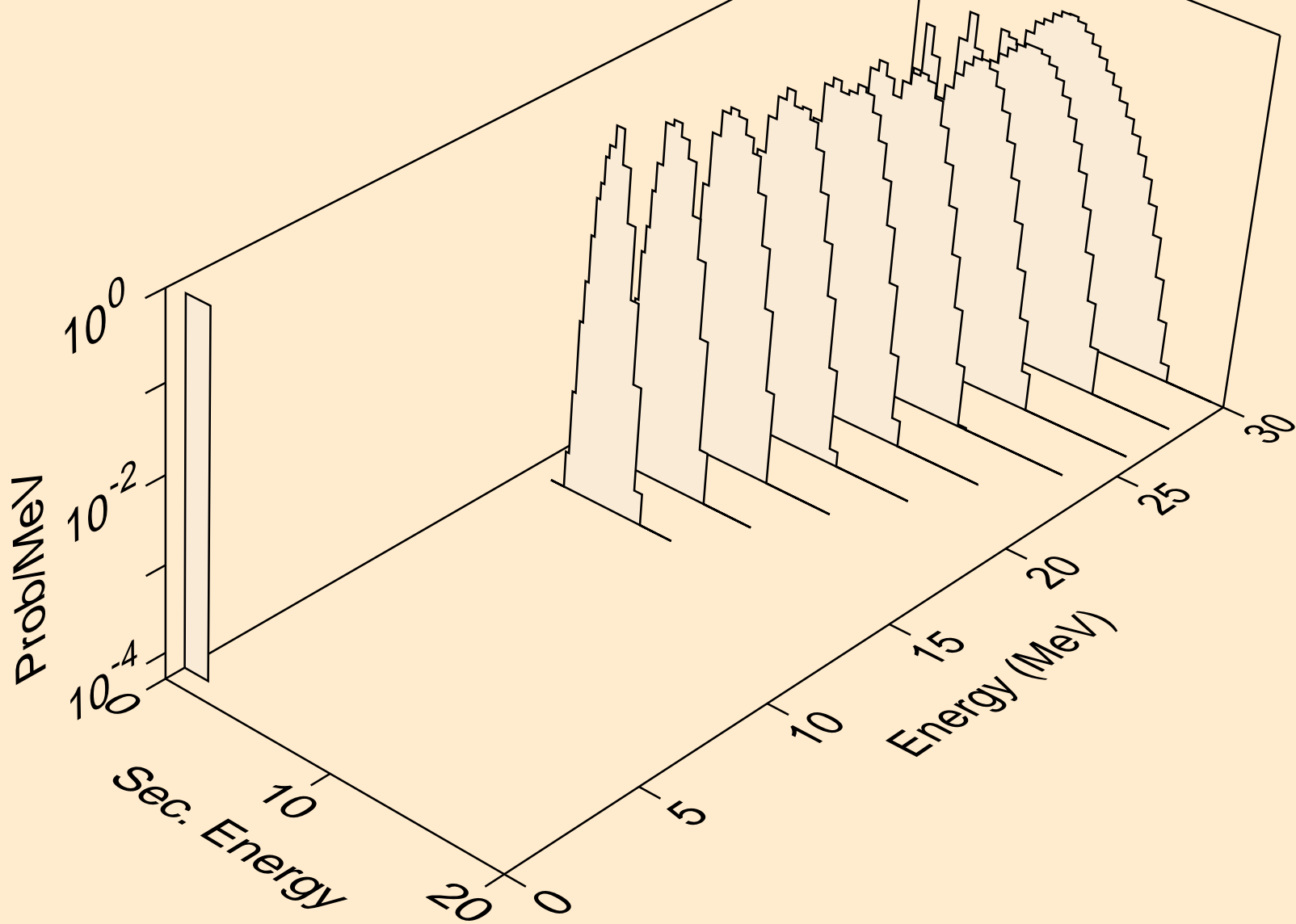


SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)

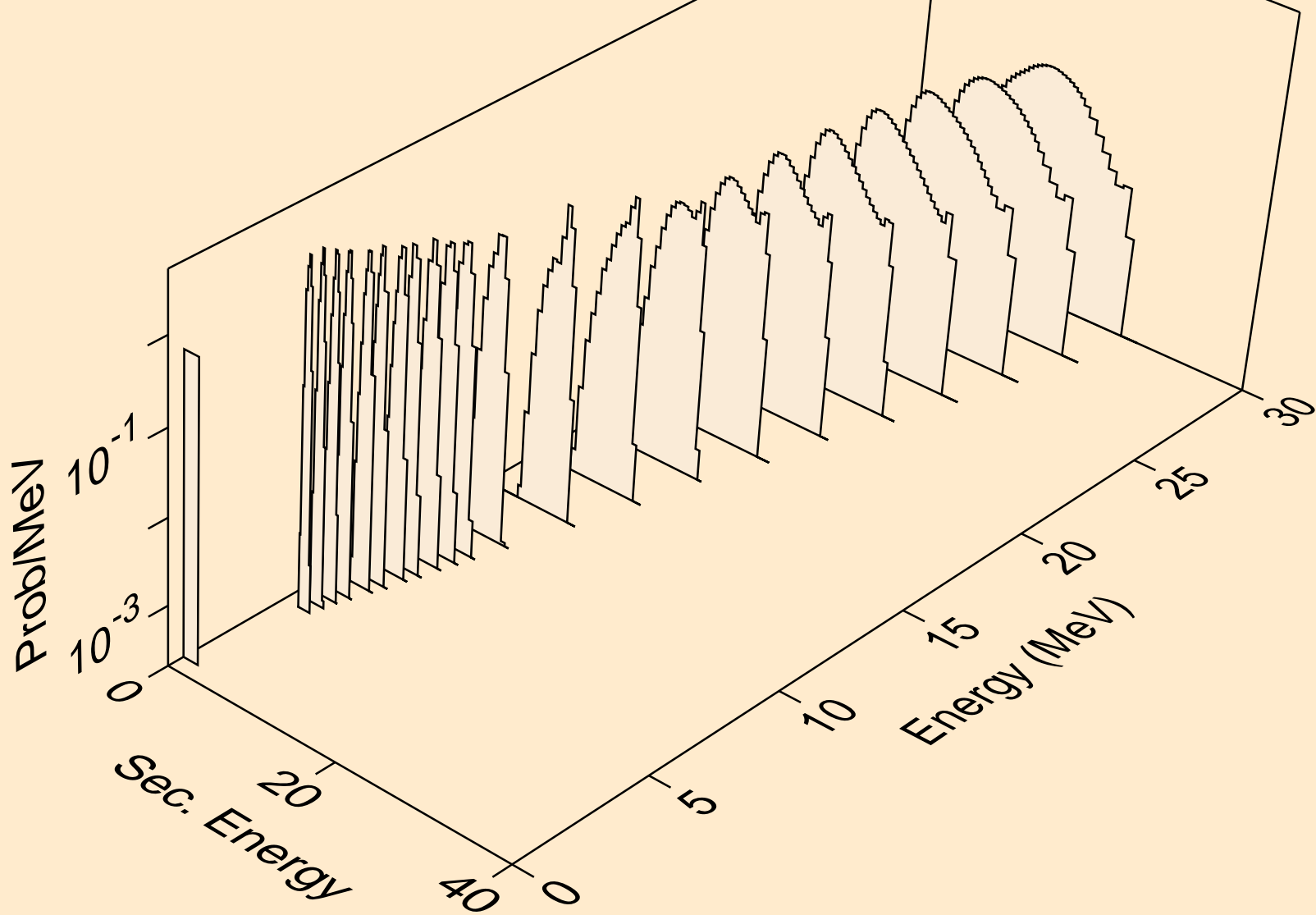




SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



SE073 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

