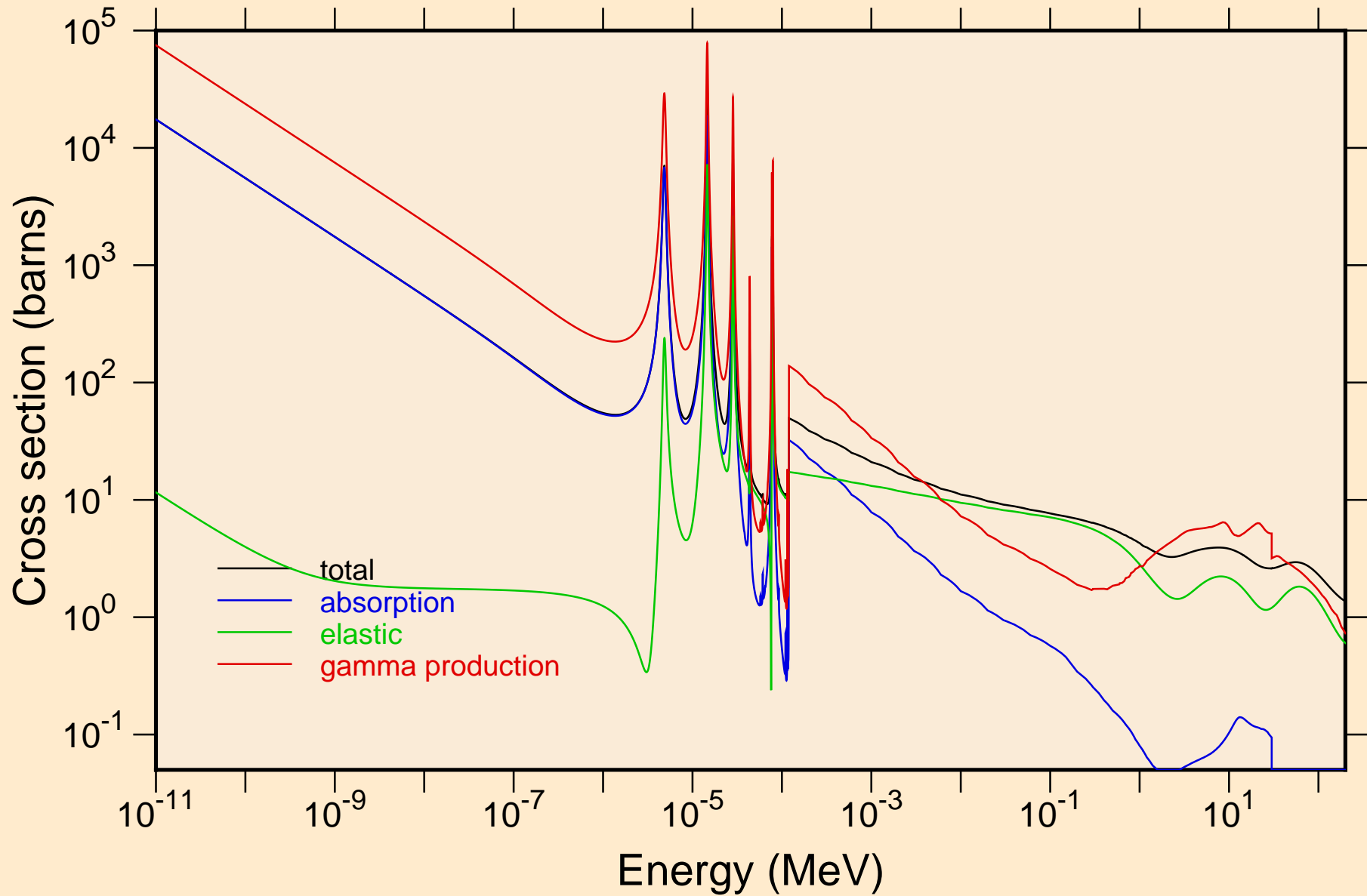
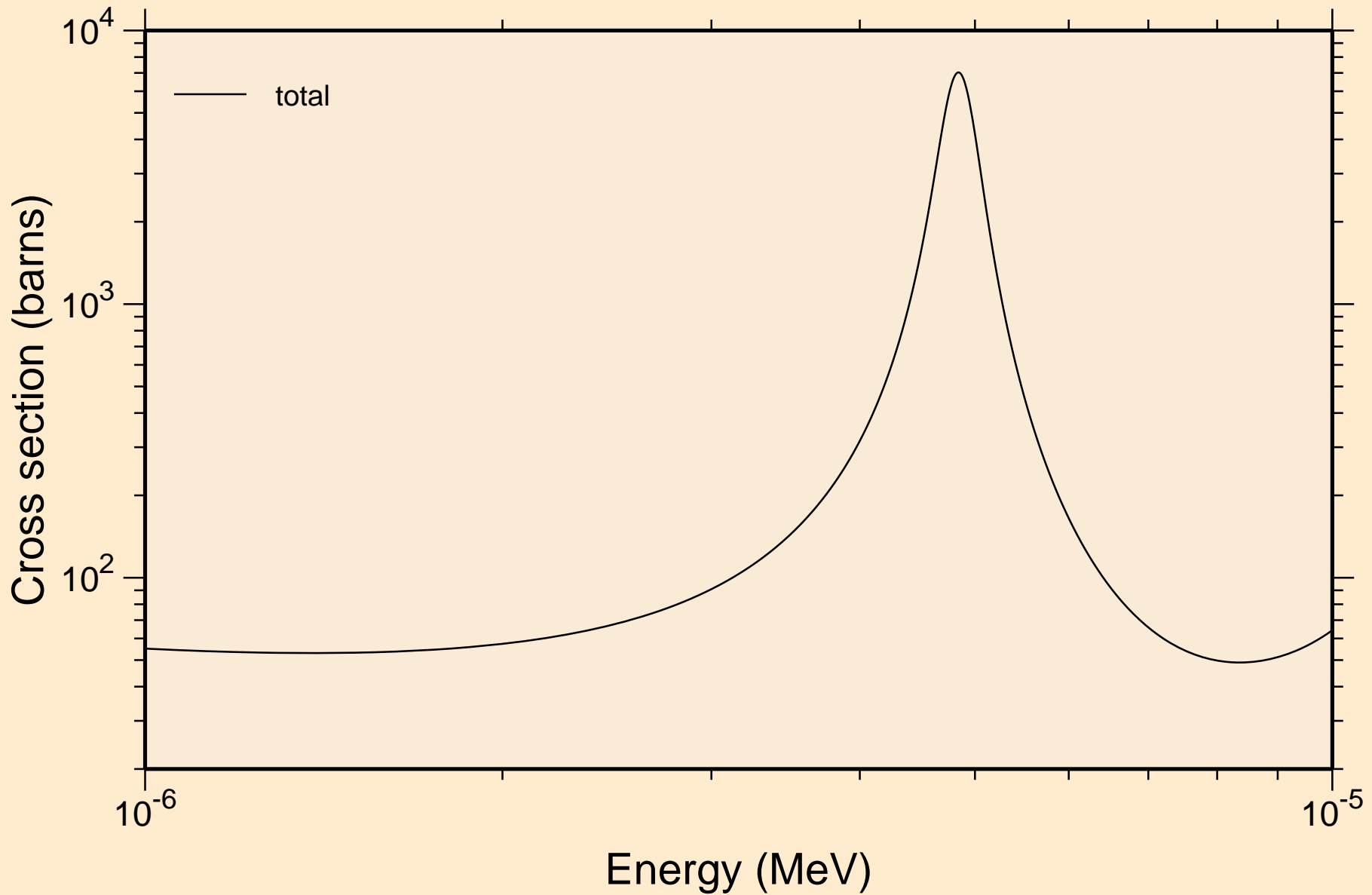


# SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

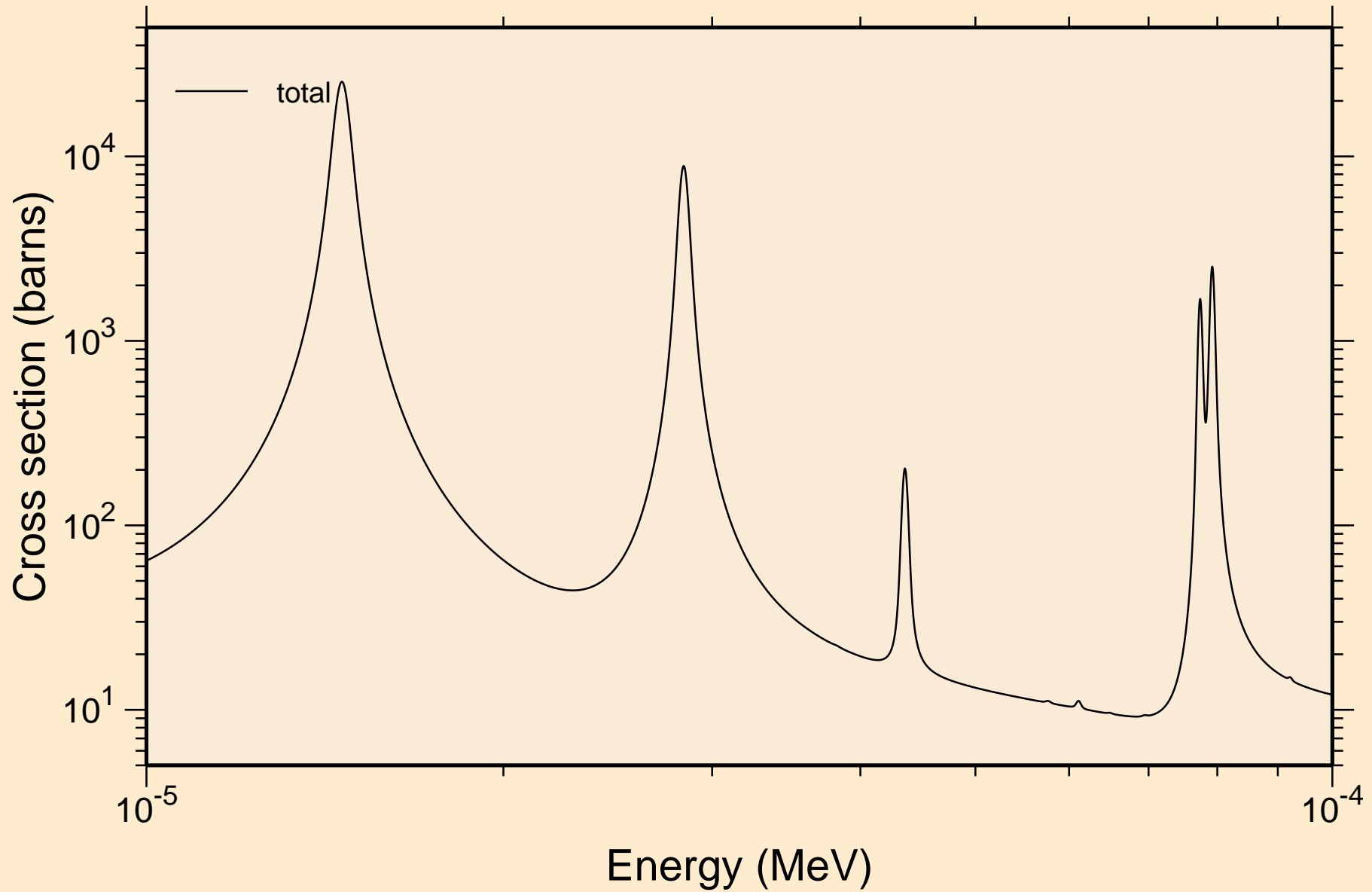
## Principal cross sections



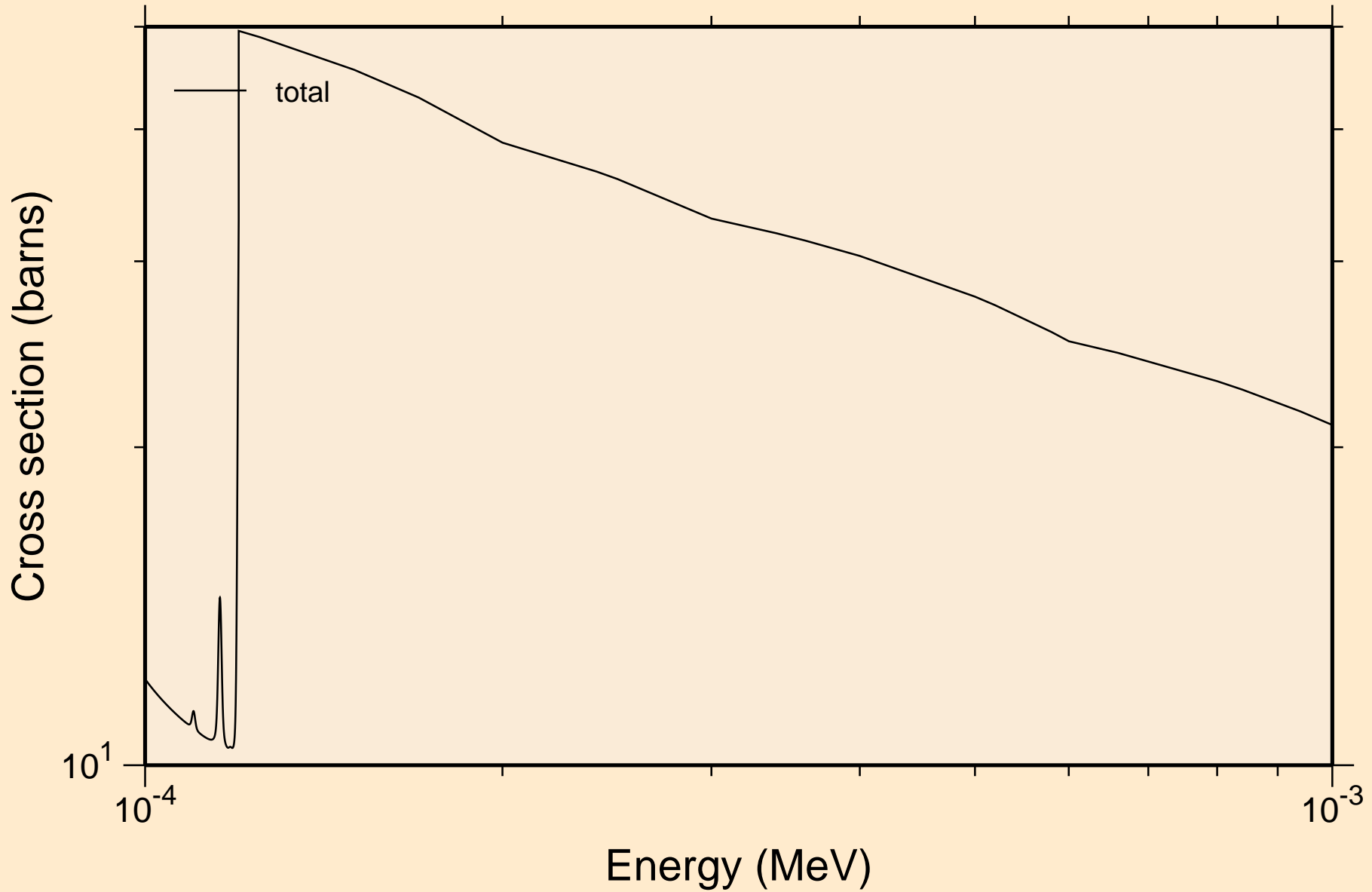
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



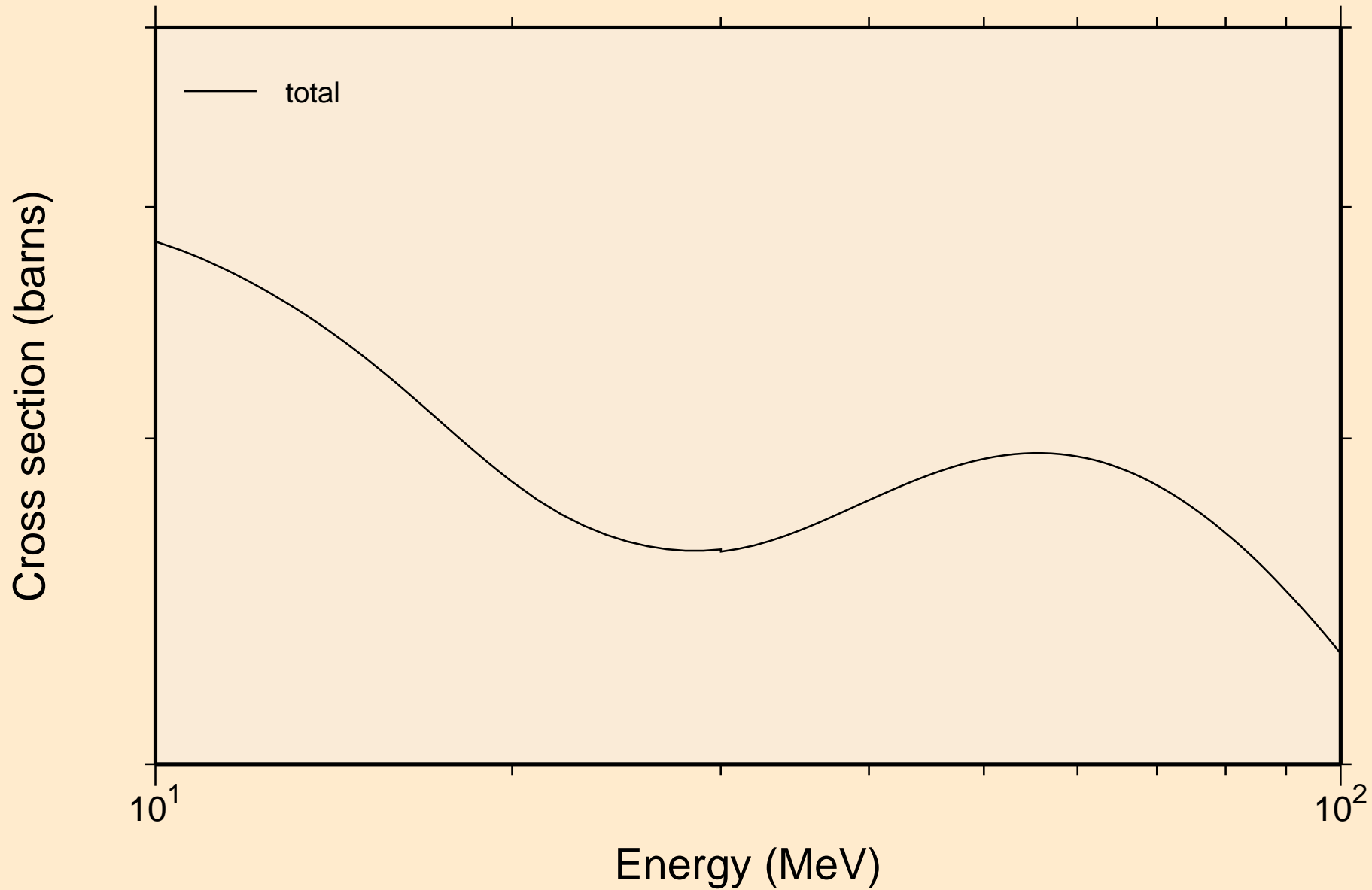
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



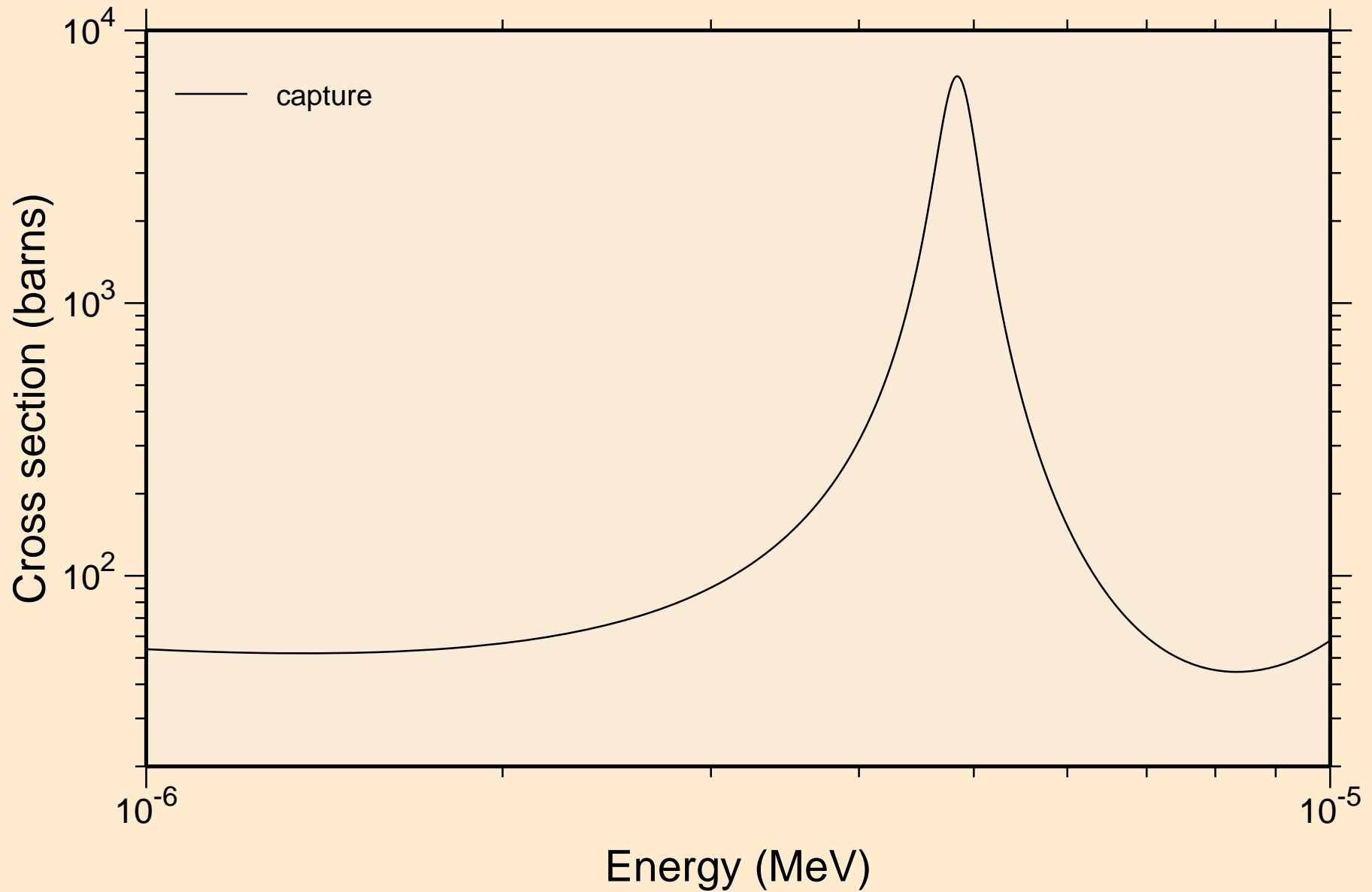
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



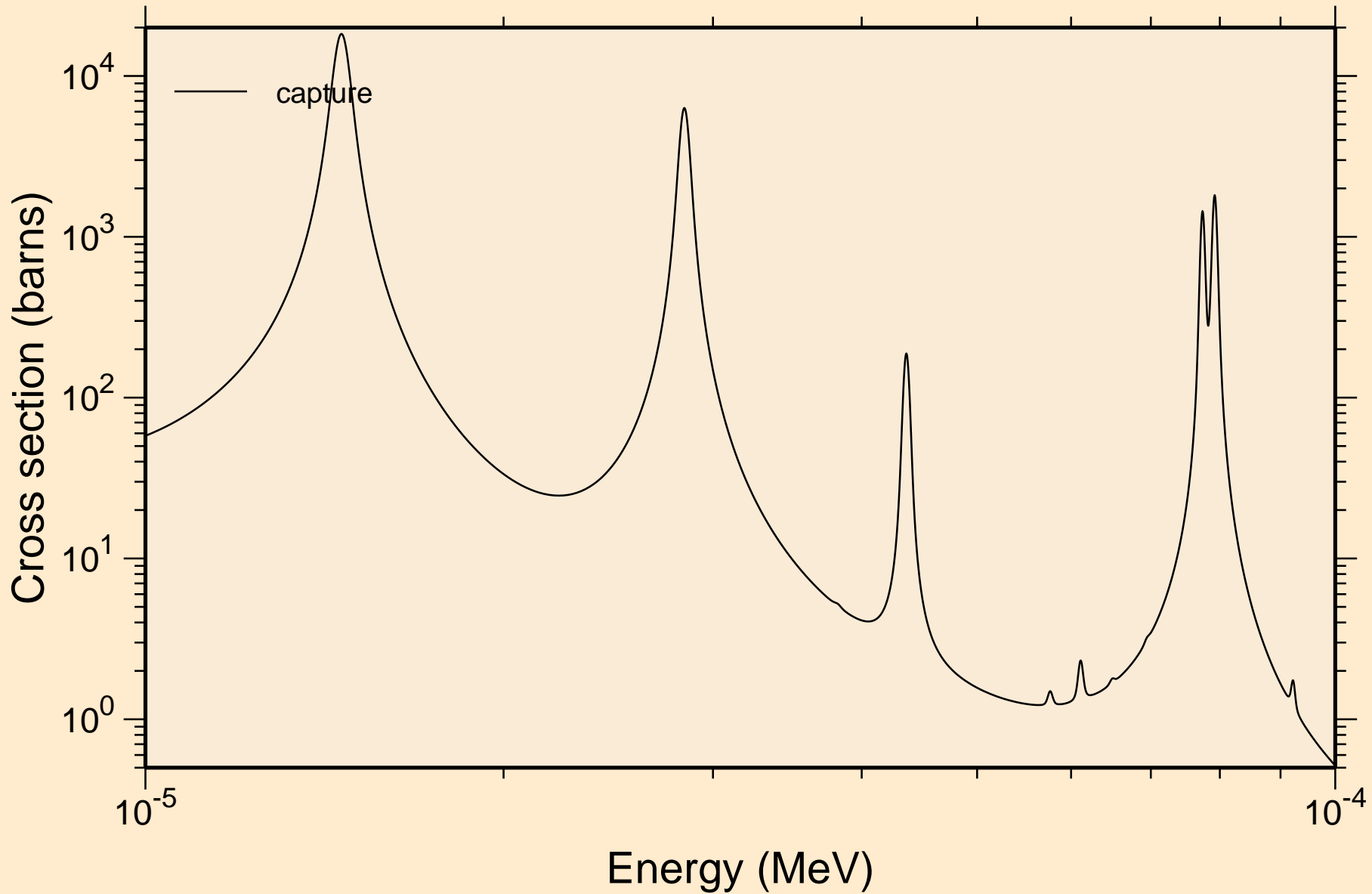
S $\bar{E}$ 075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



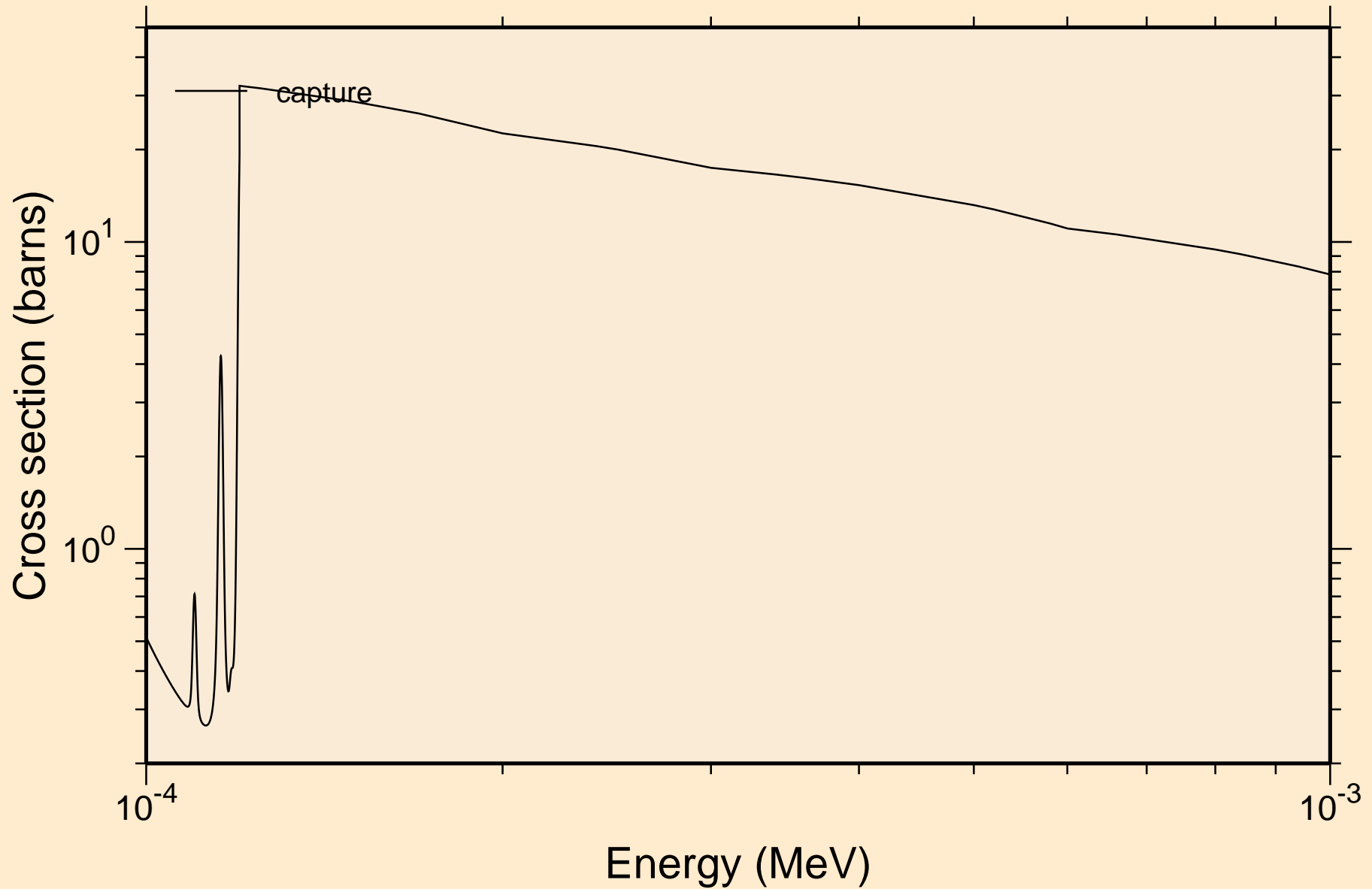
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

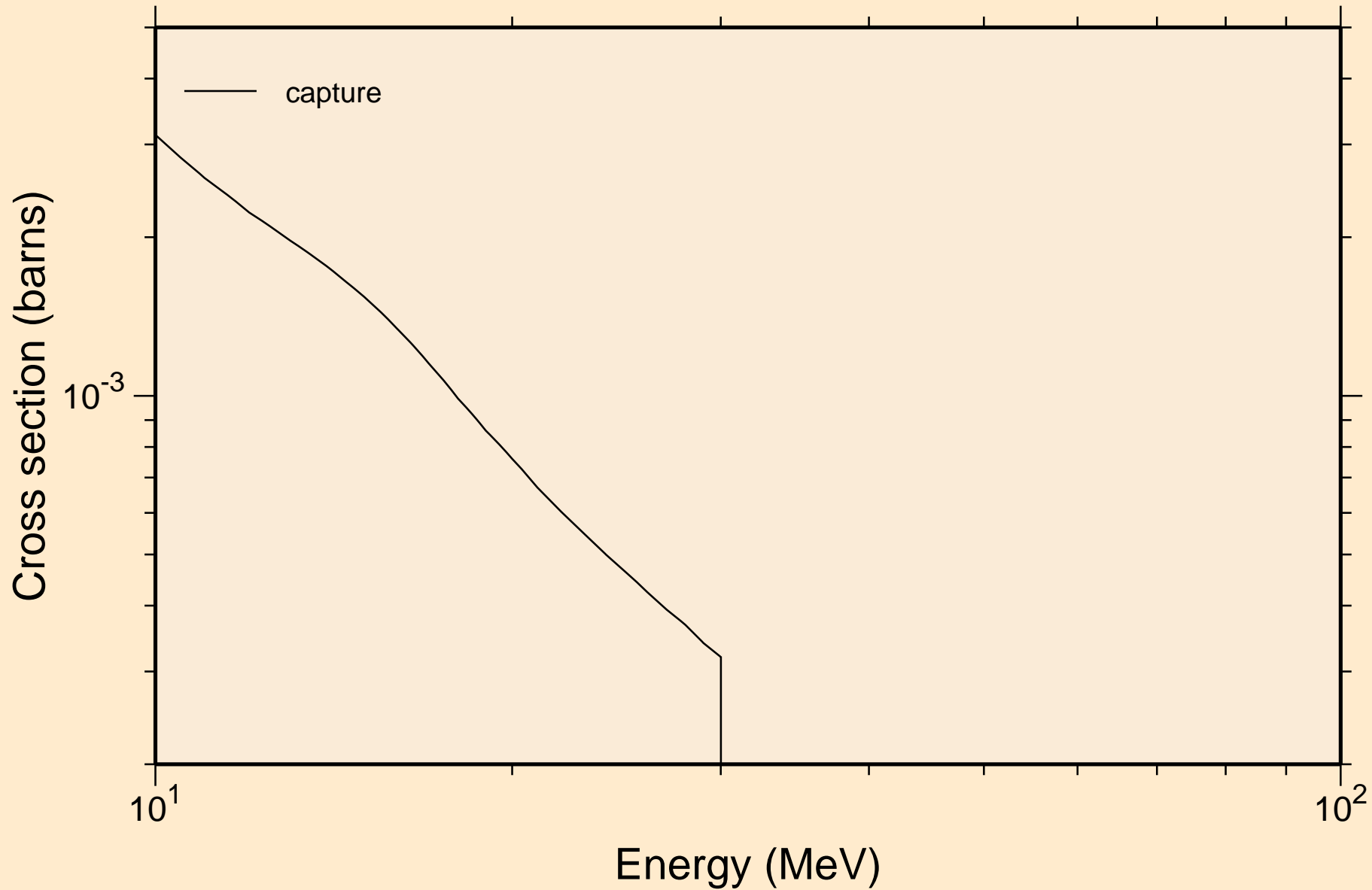


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

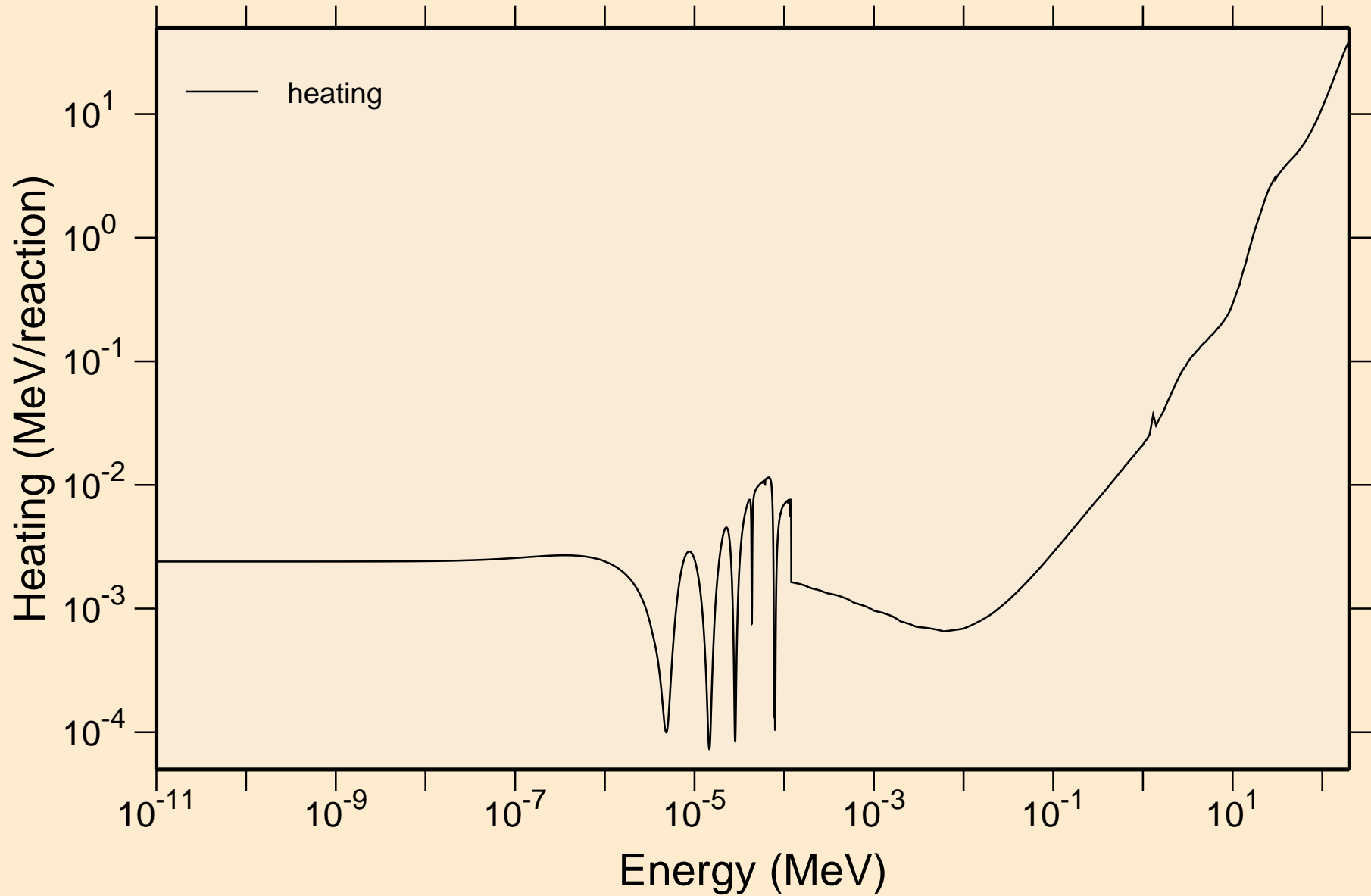




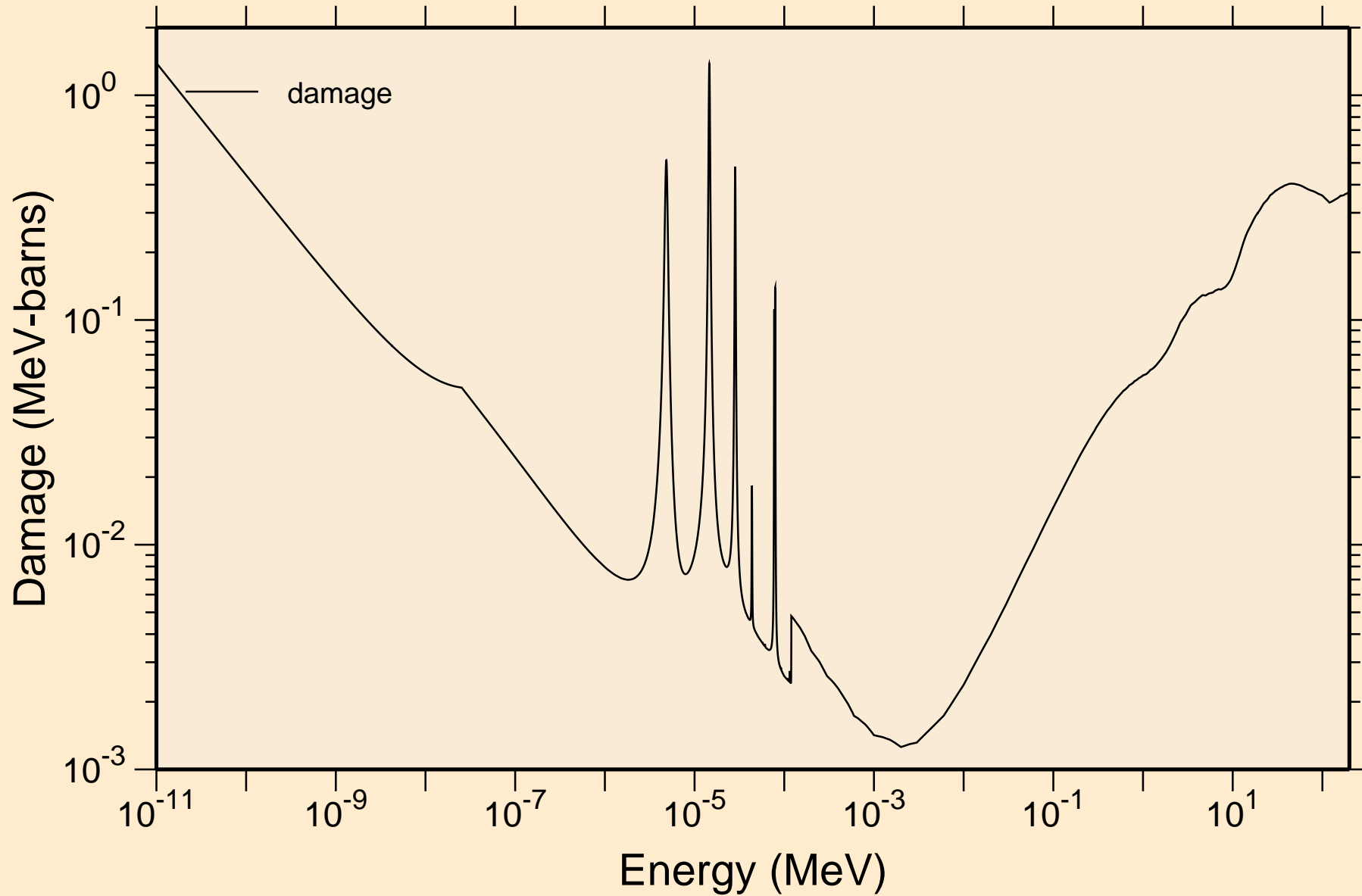
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

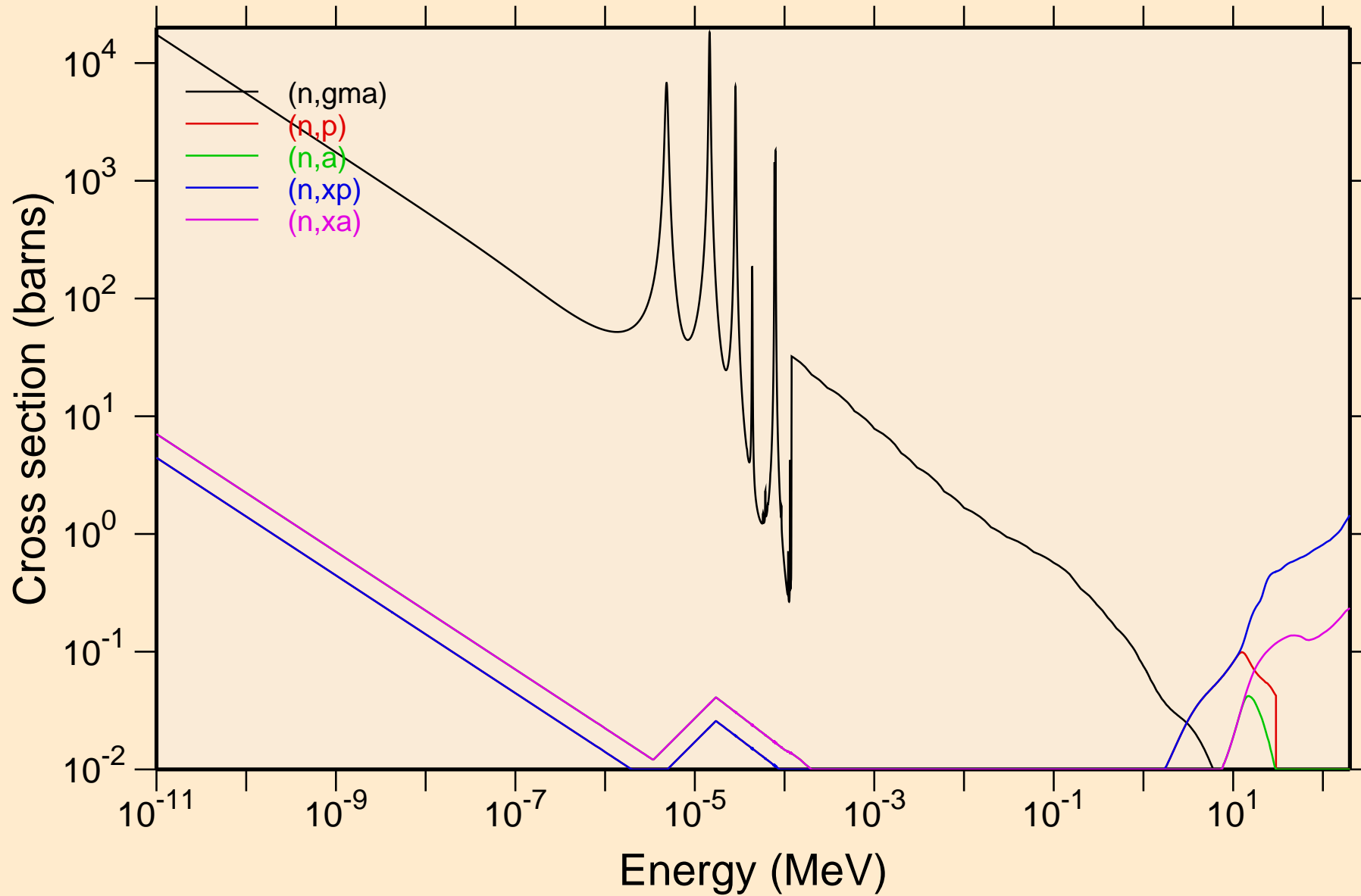


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



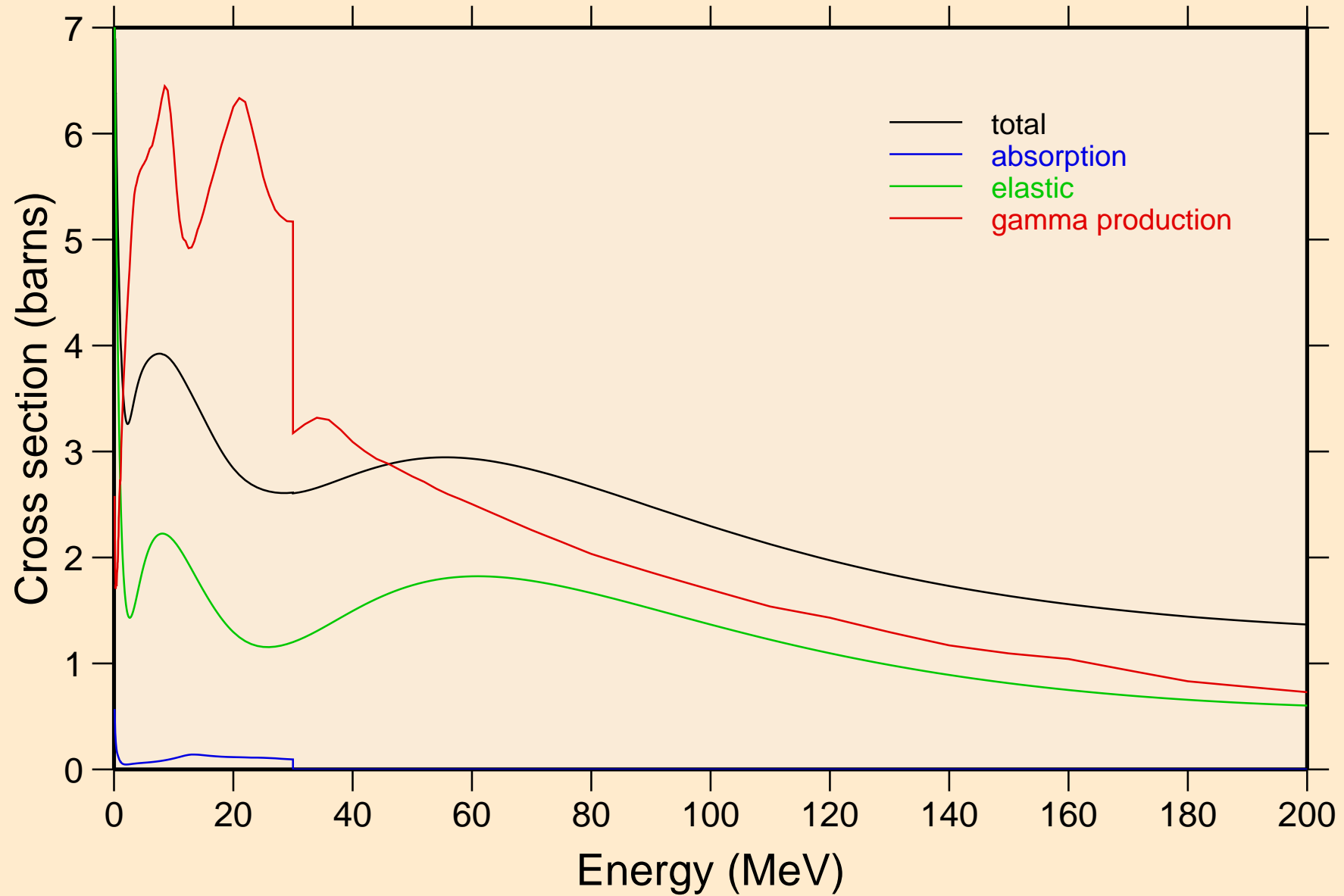
# SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions



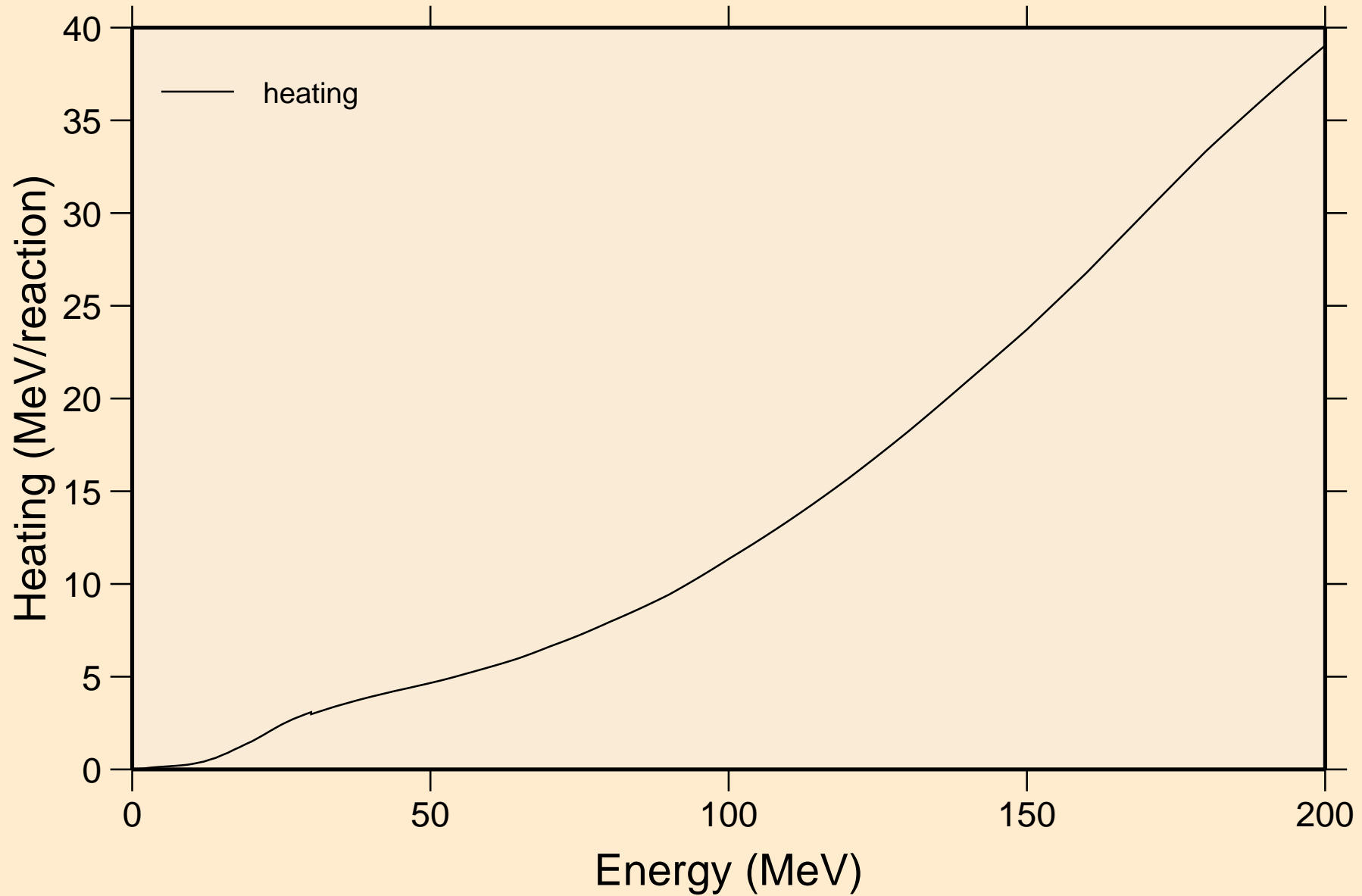
# SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

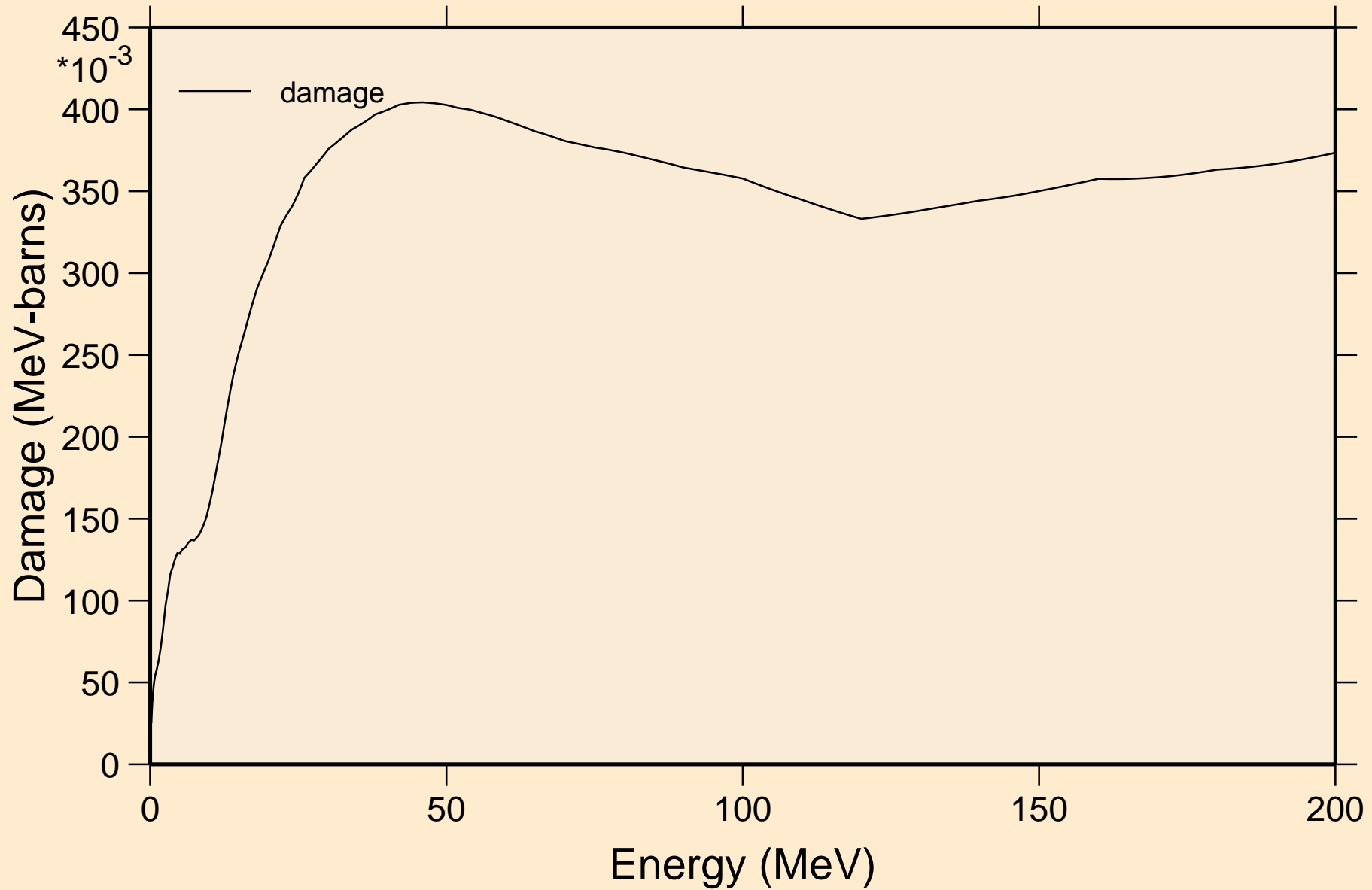


# SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

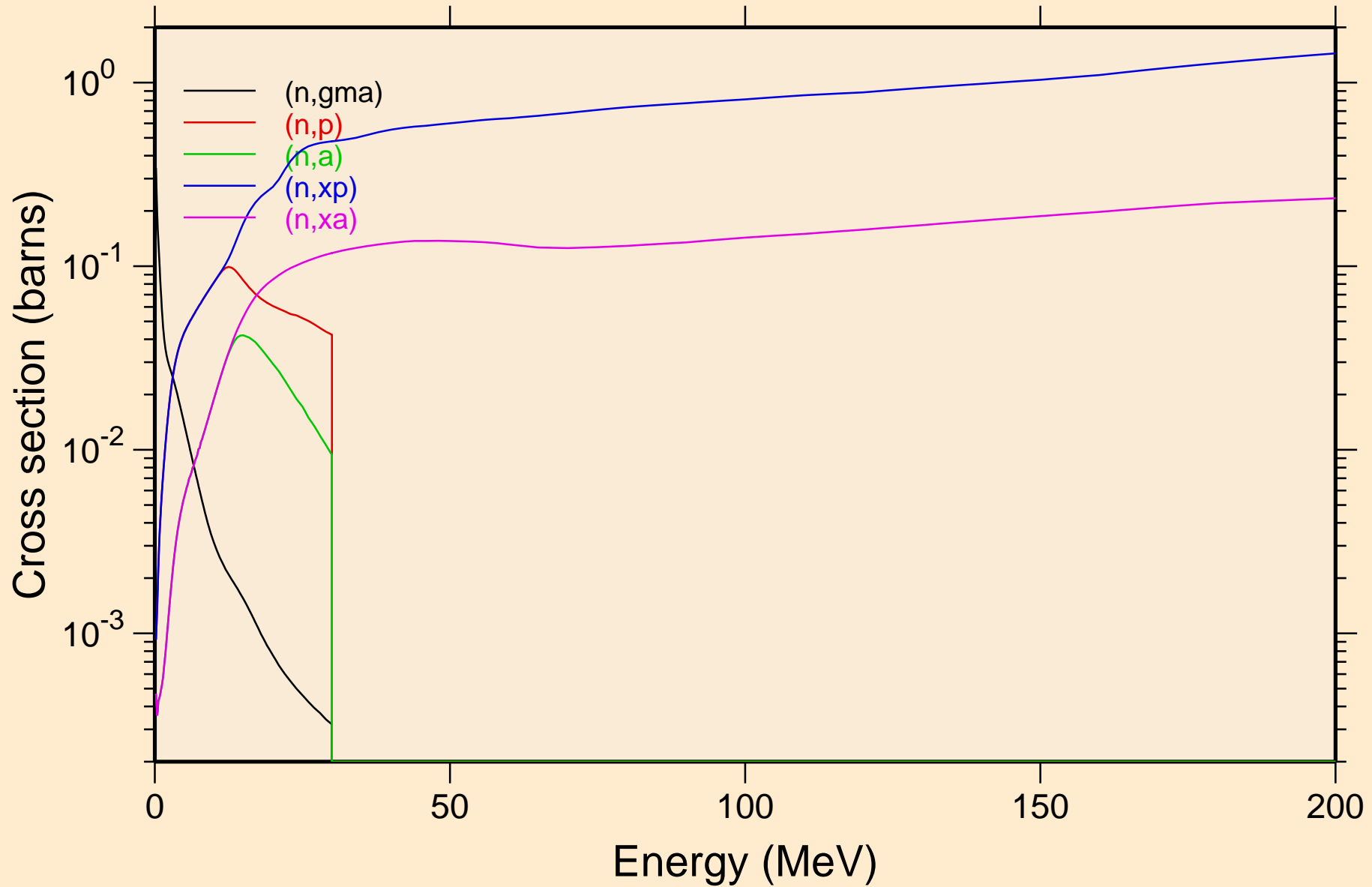
## Heating



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

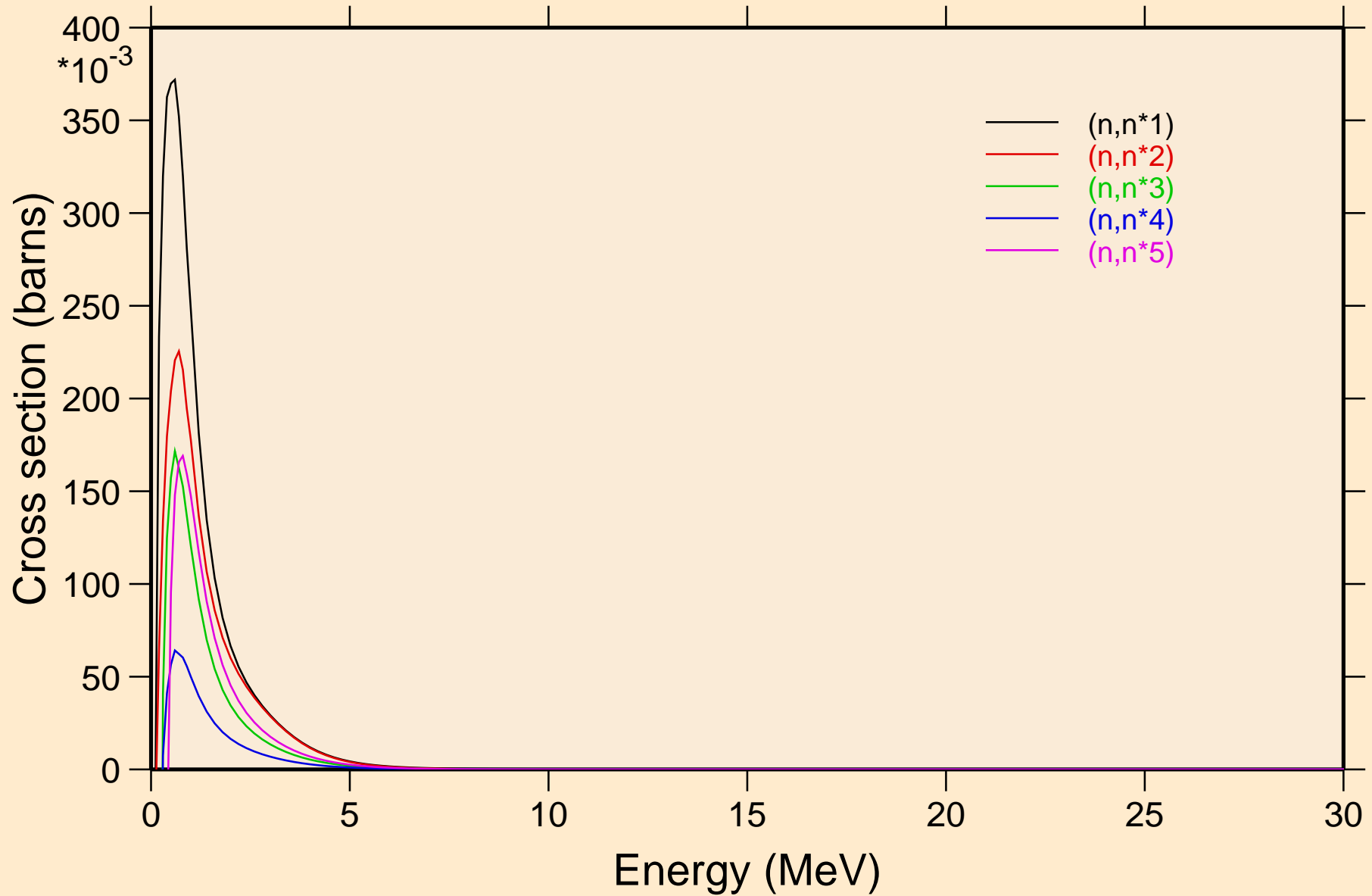


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

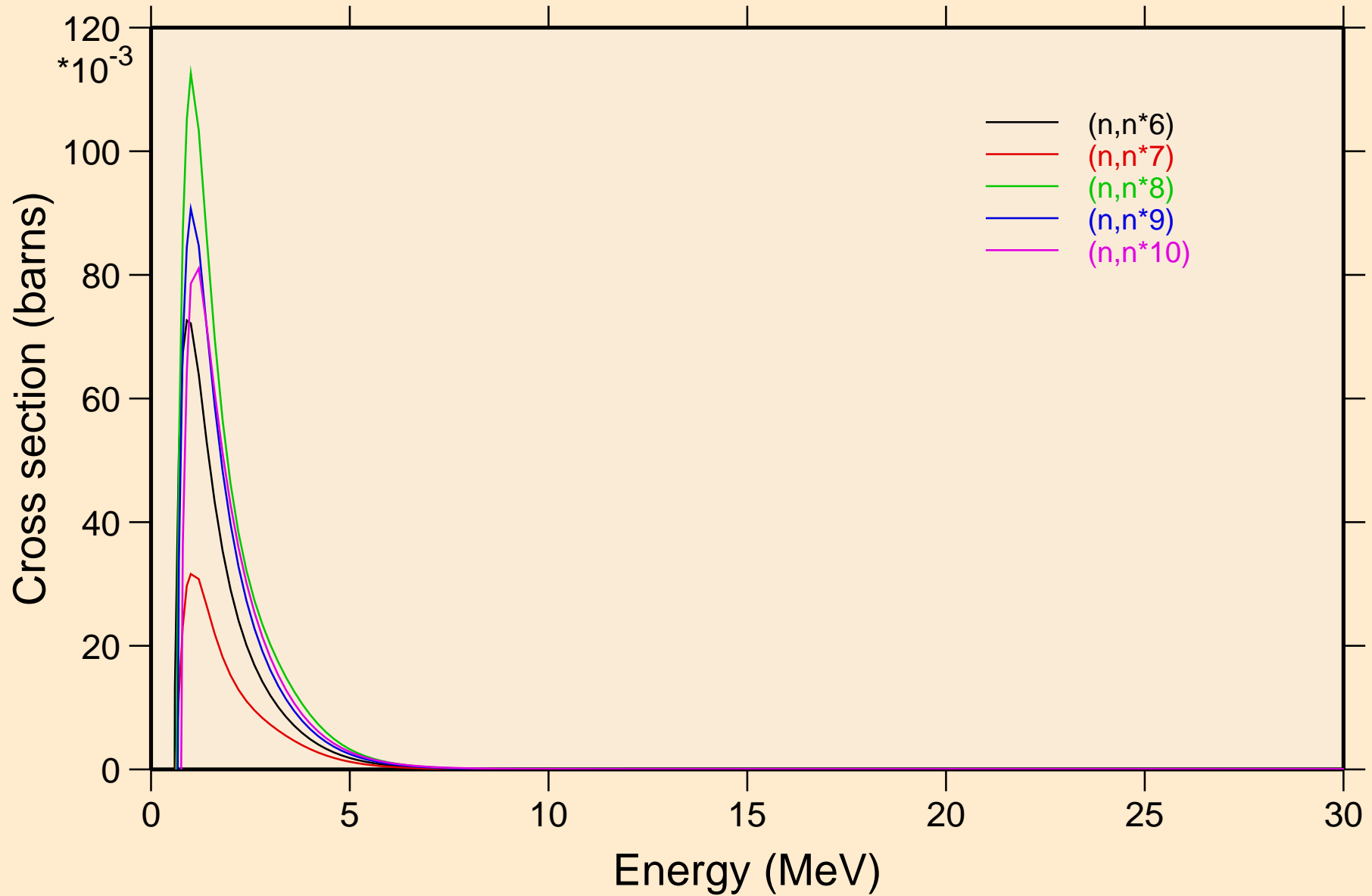




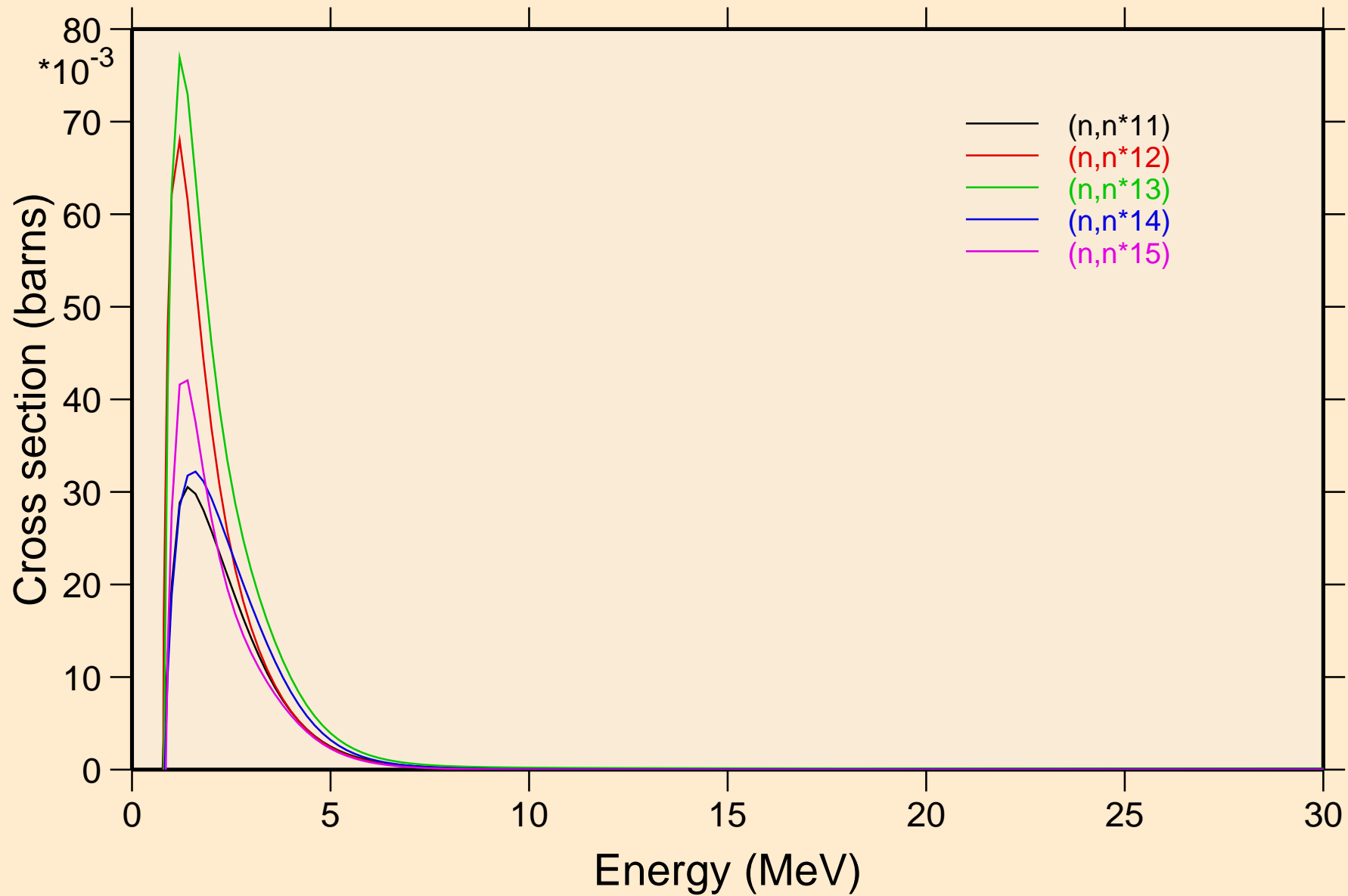
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



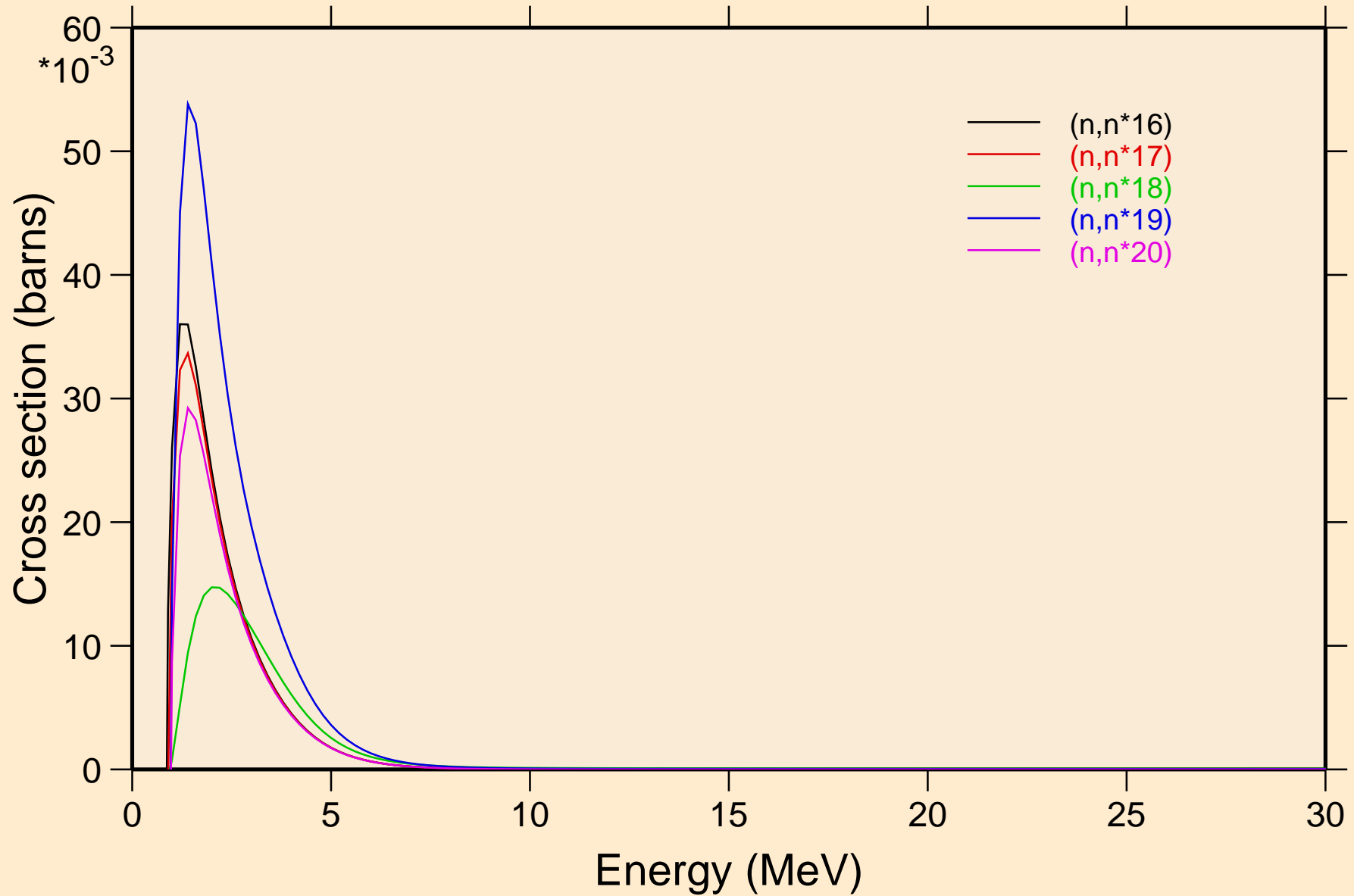
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



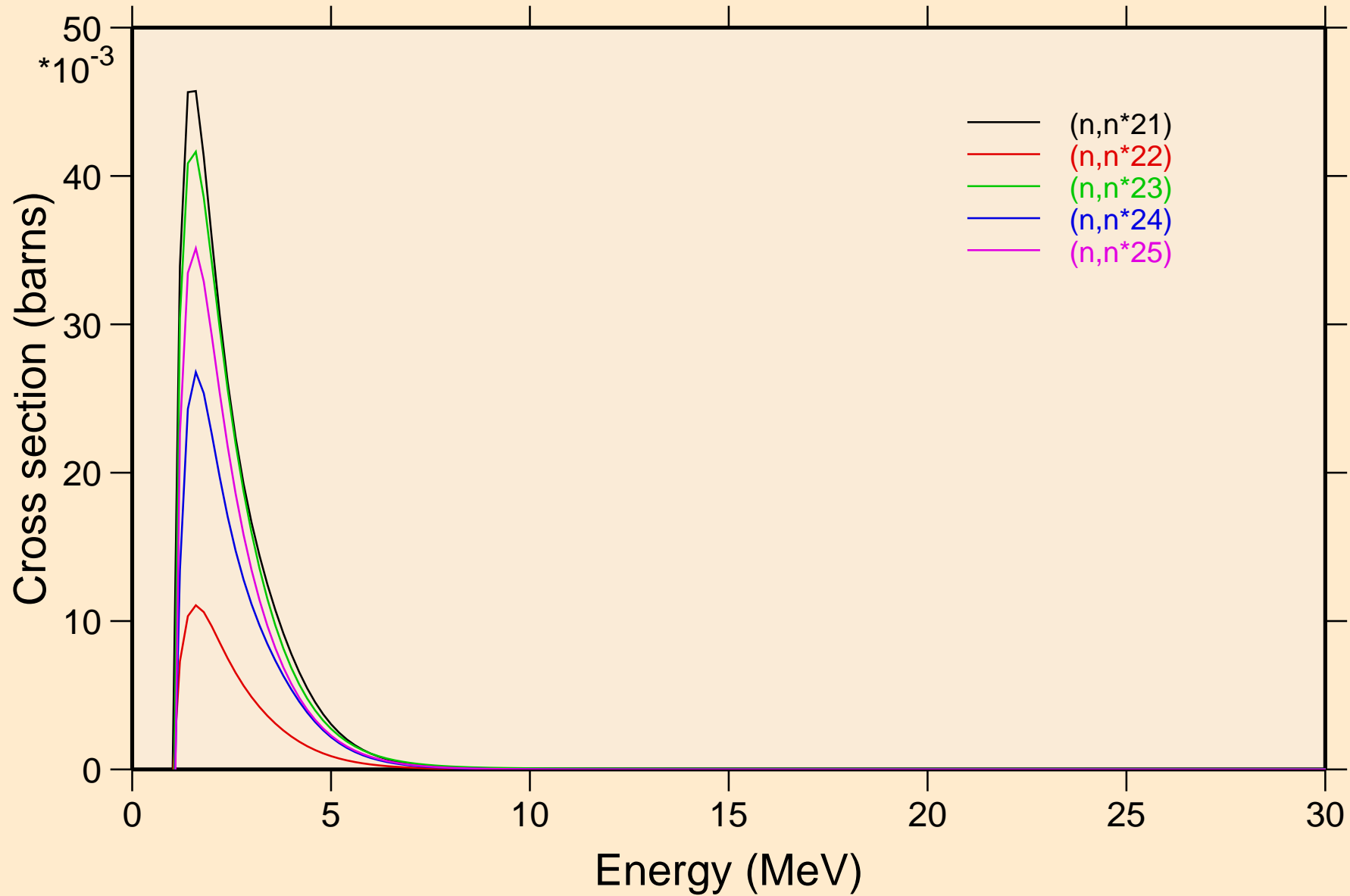
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



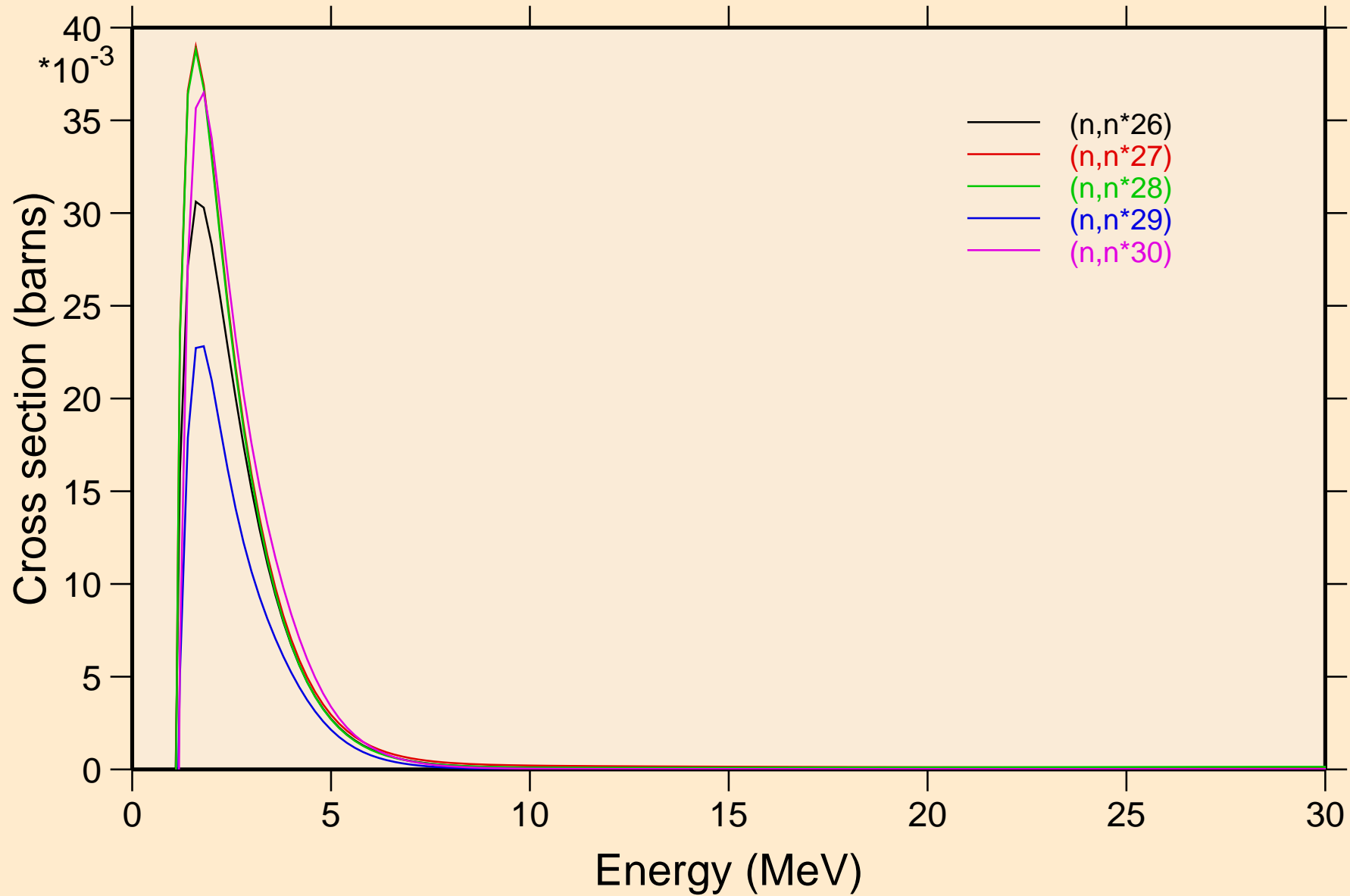
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



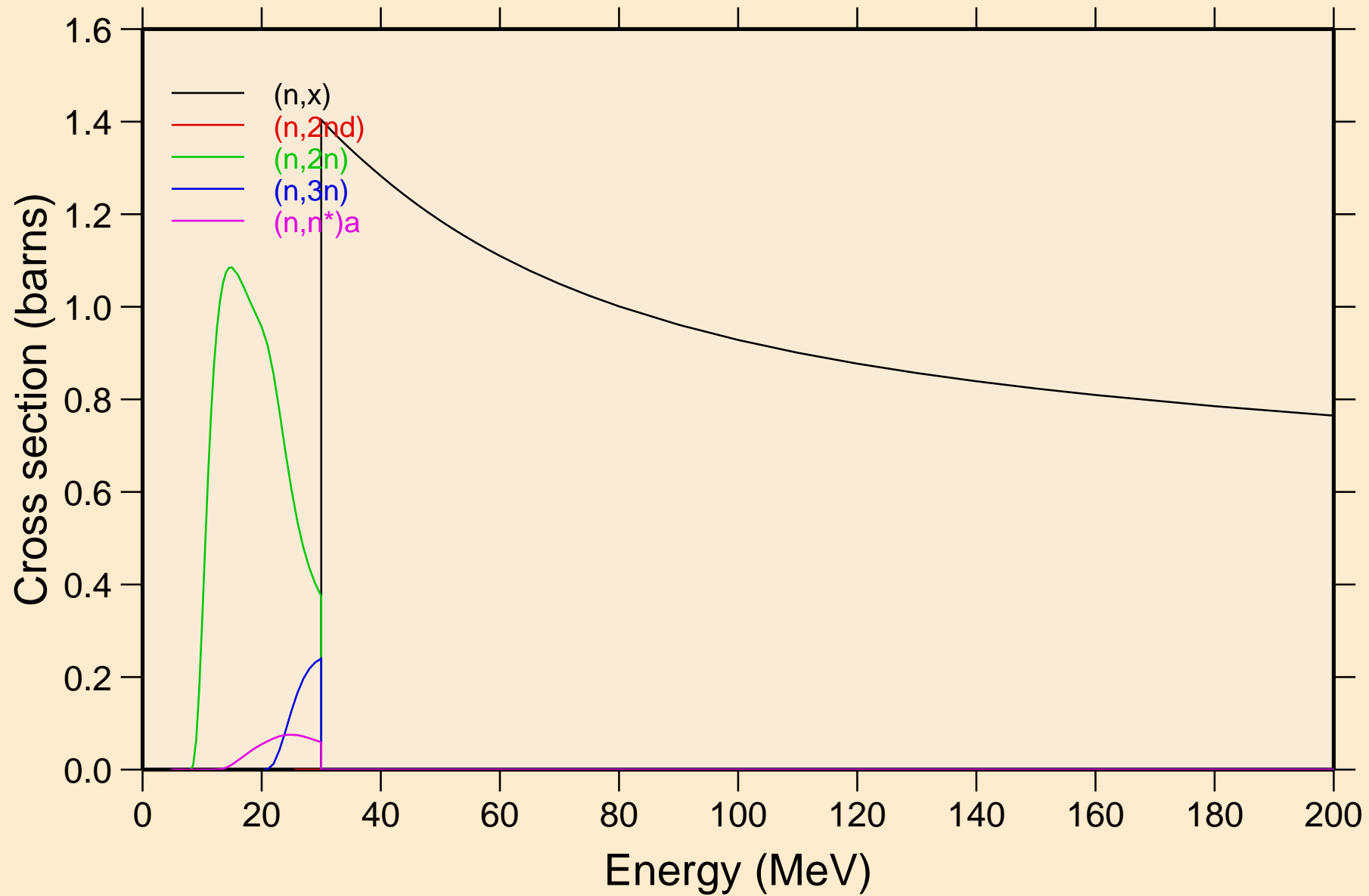
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



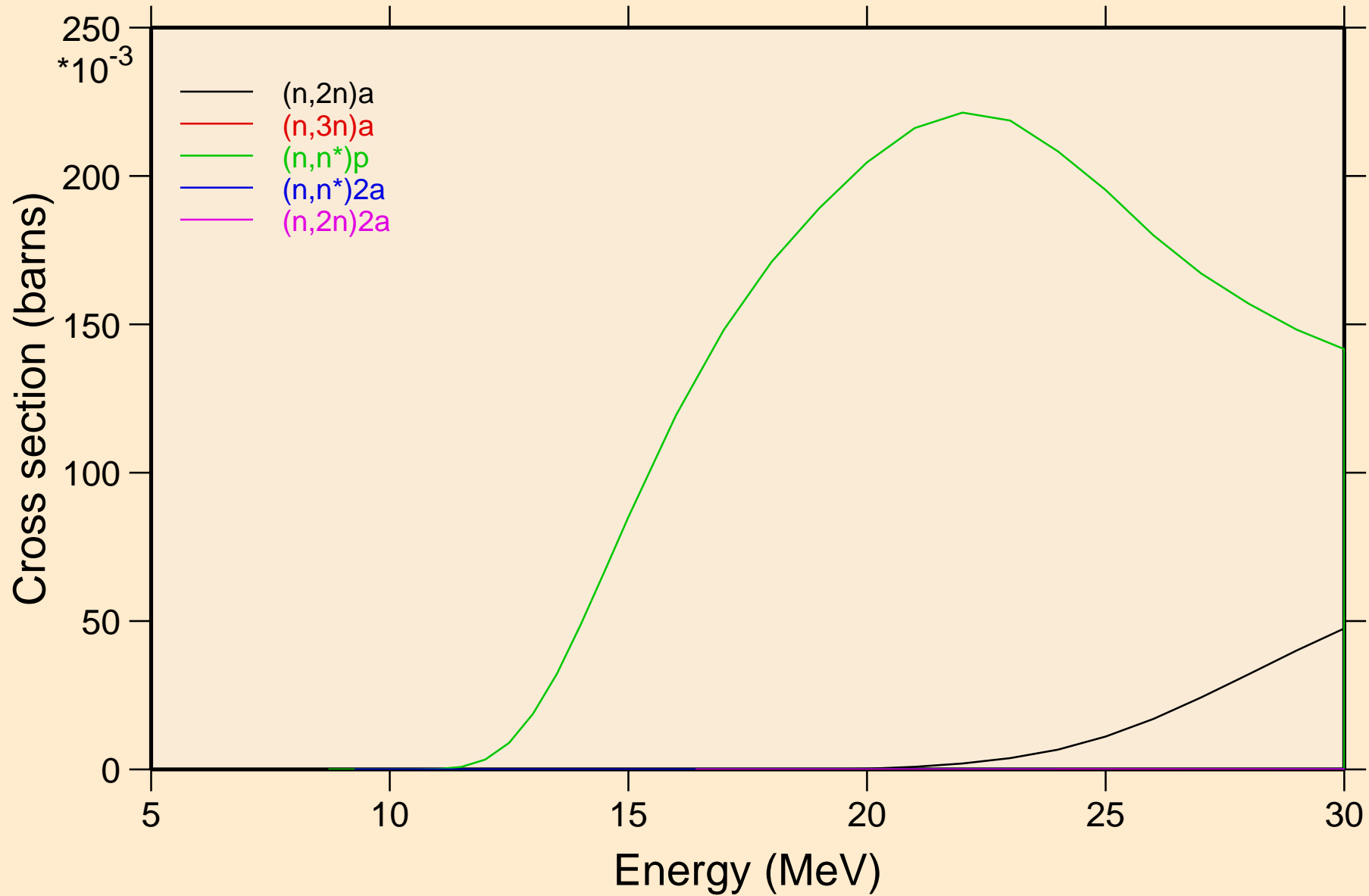
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



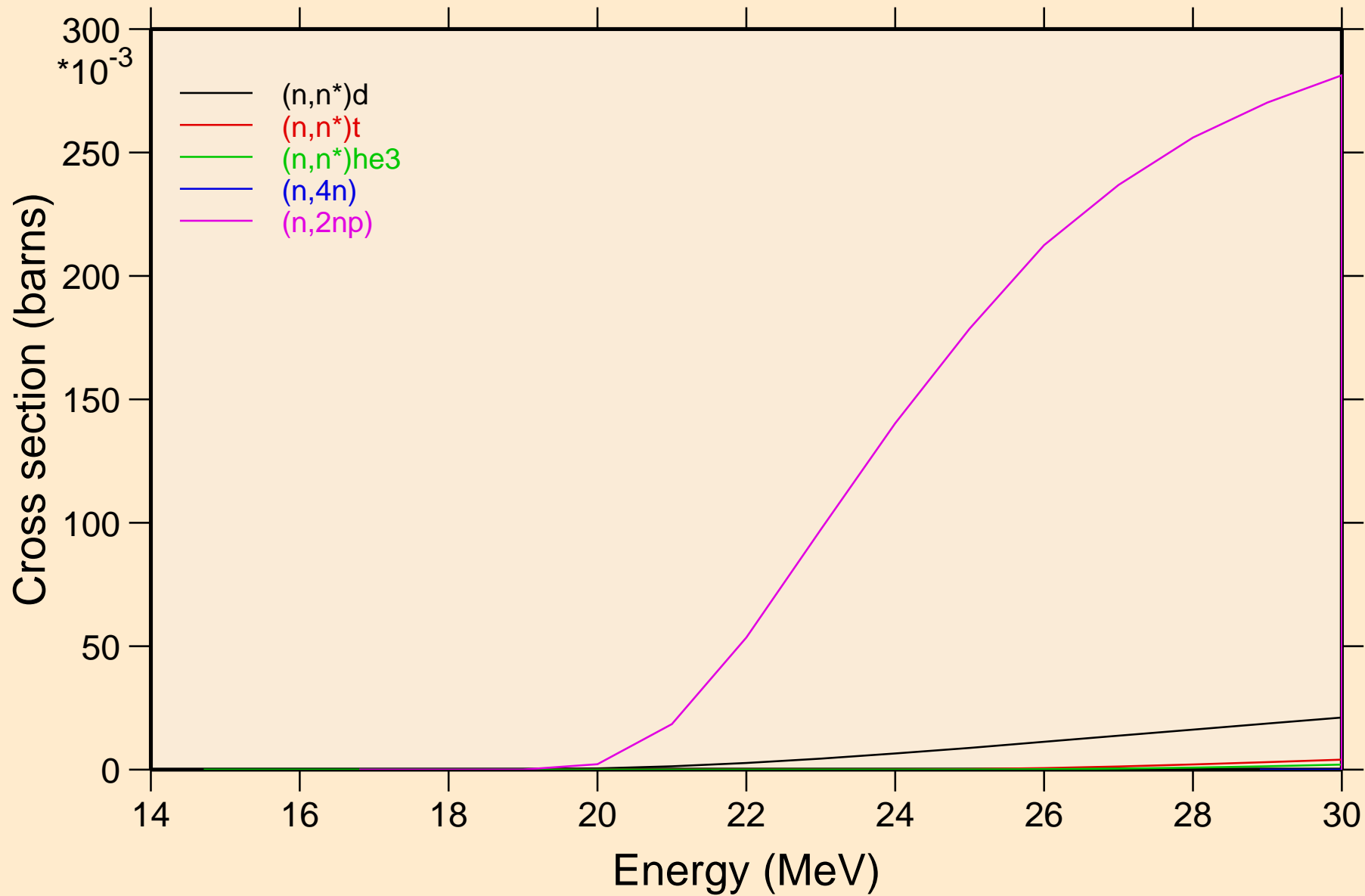
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



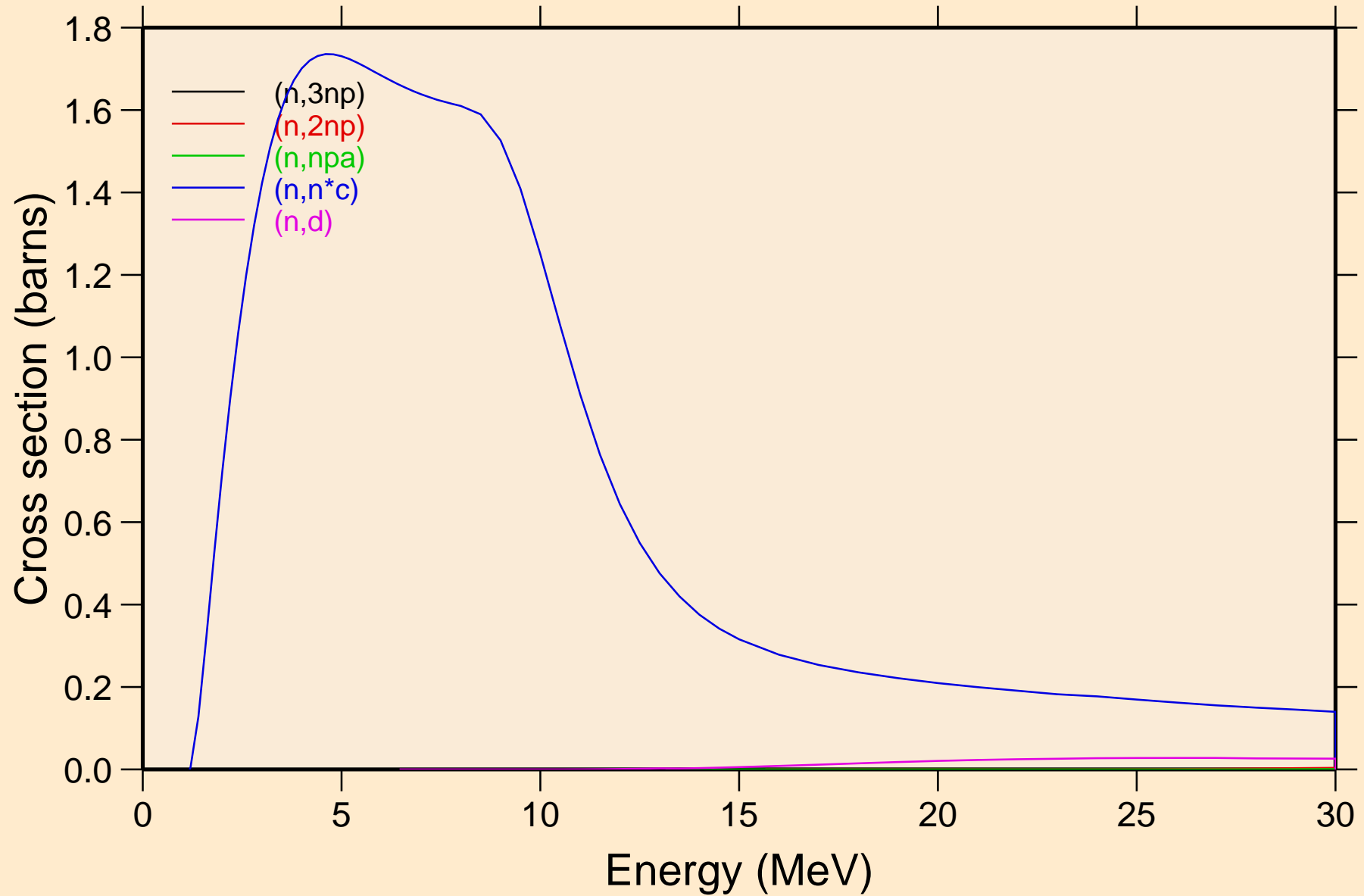


# SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

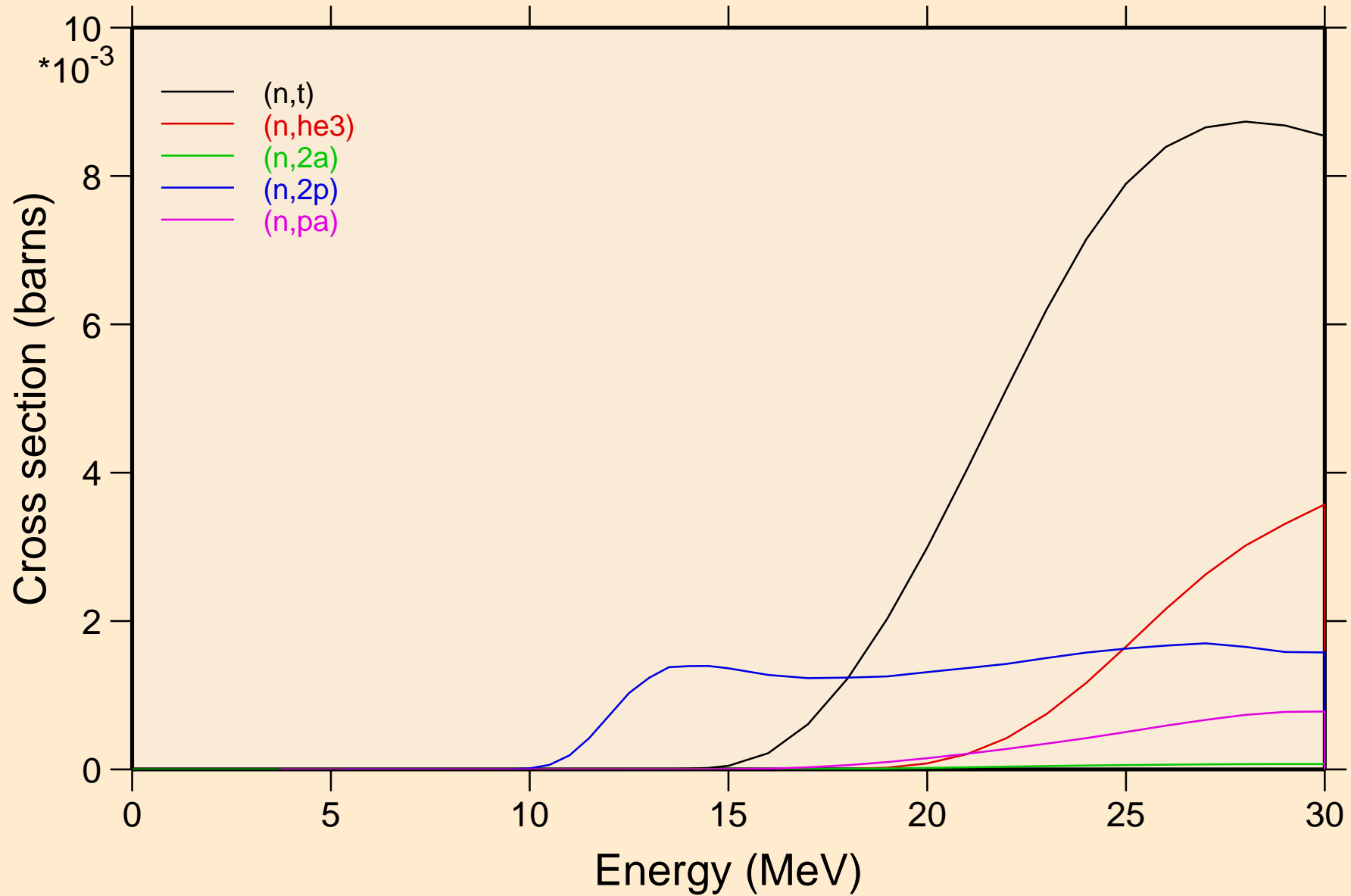
## Threshold reactions



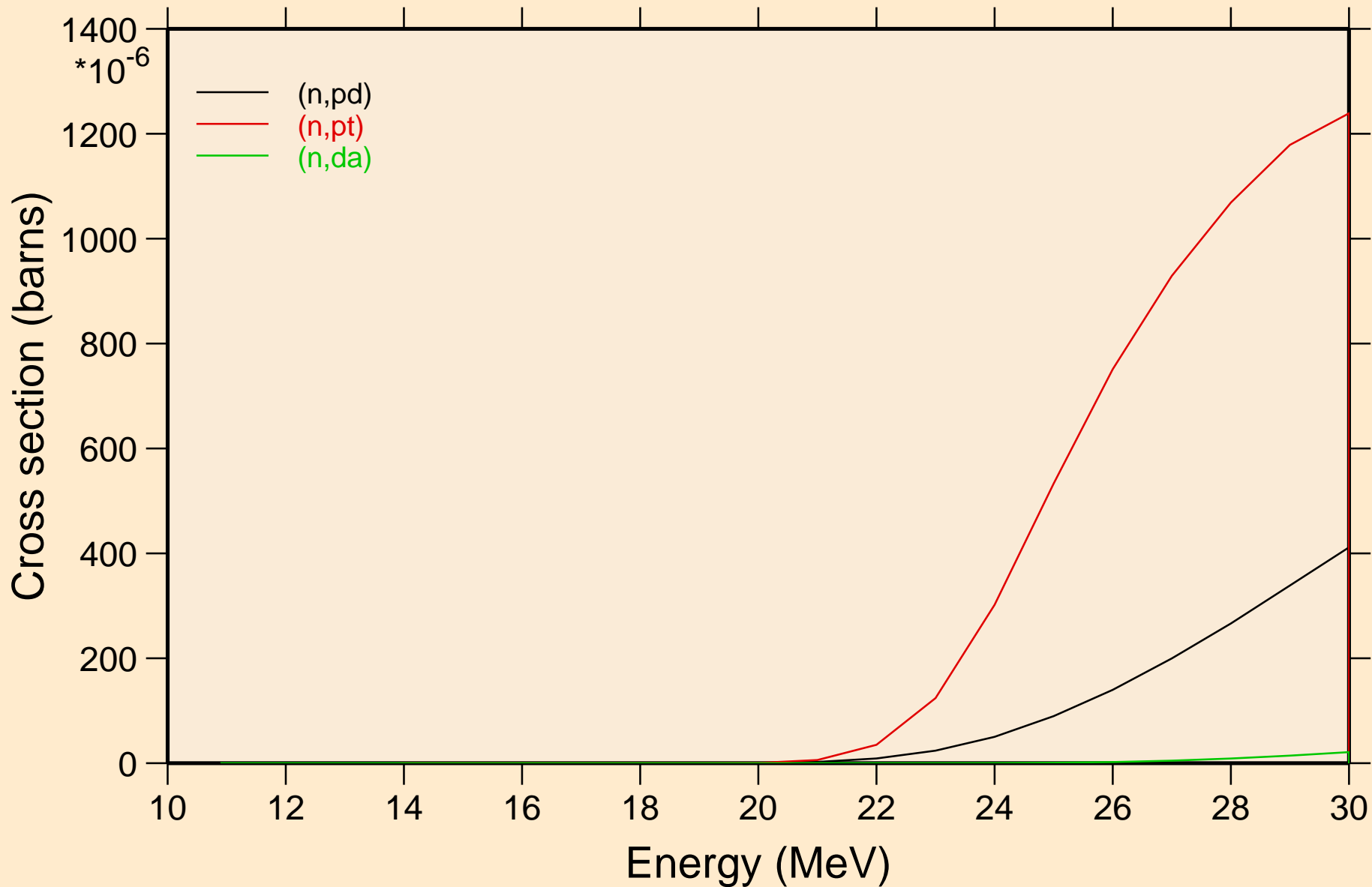
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



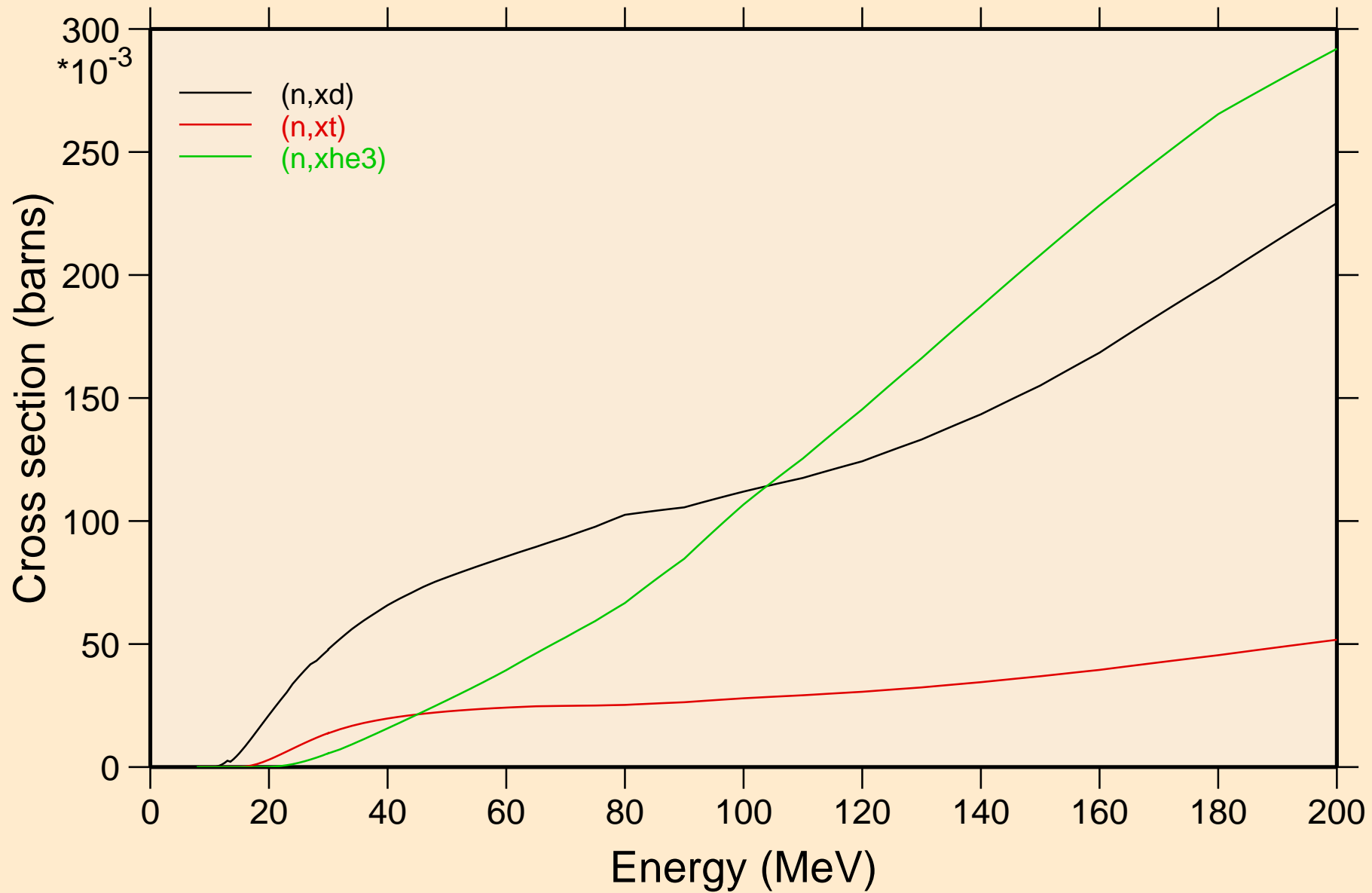
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



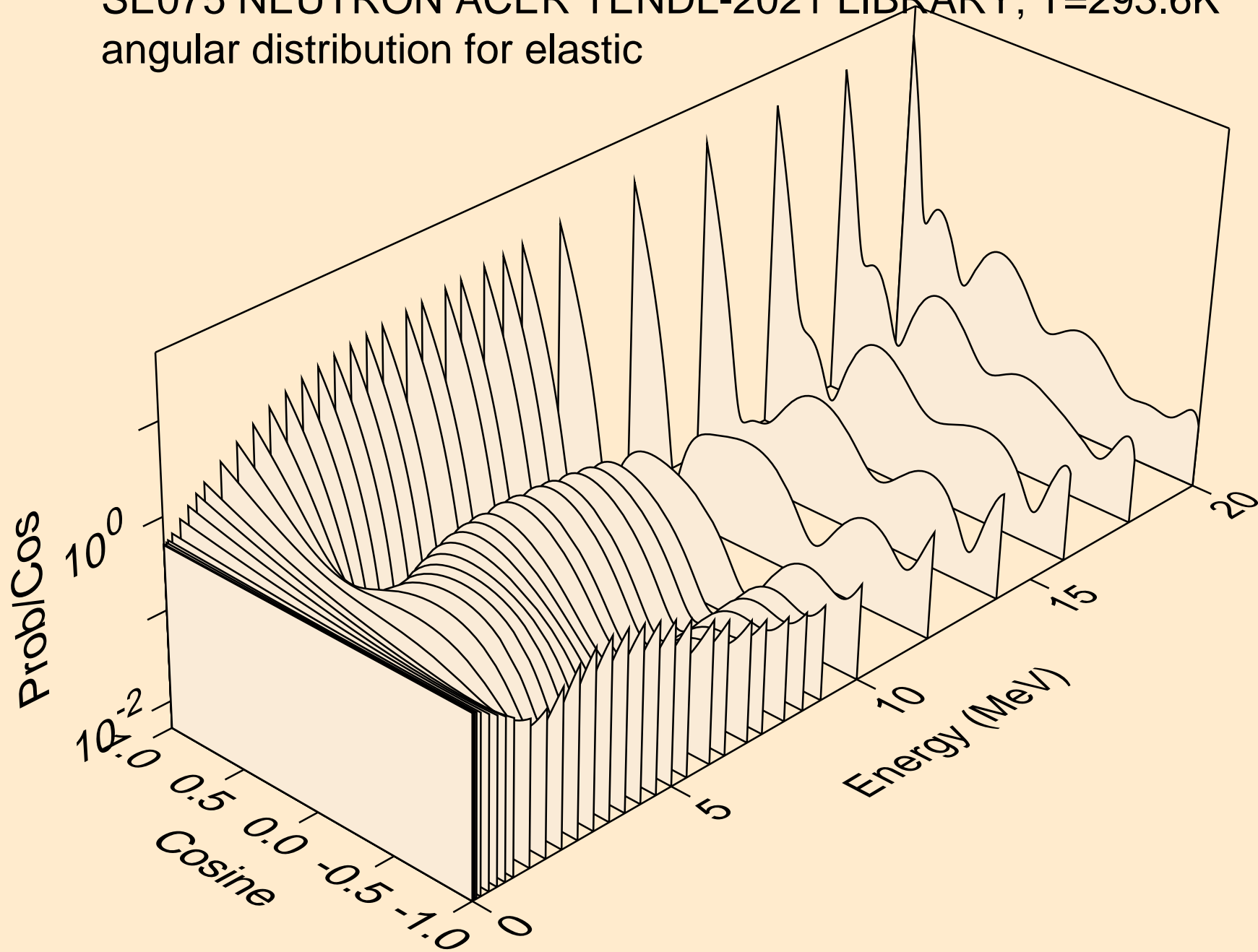
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



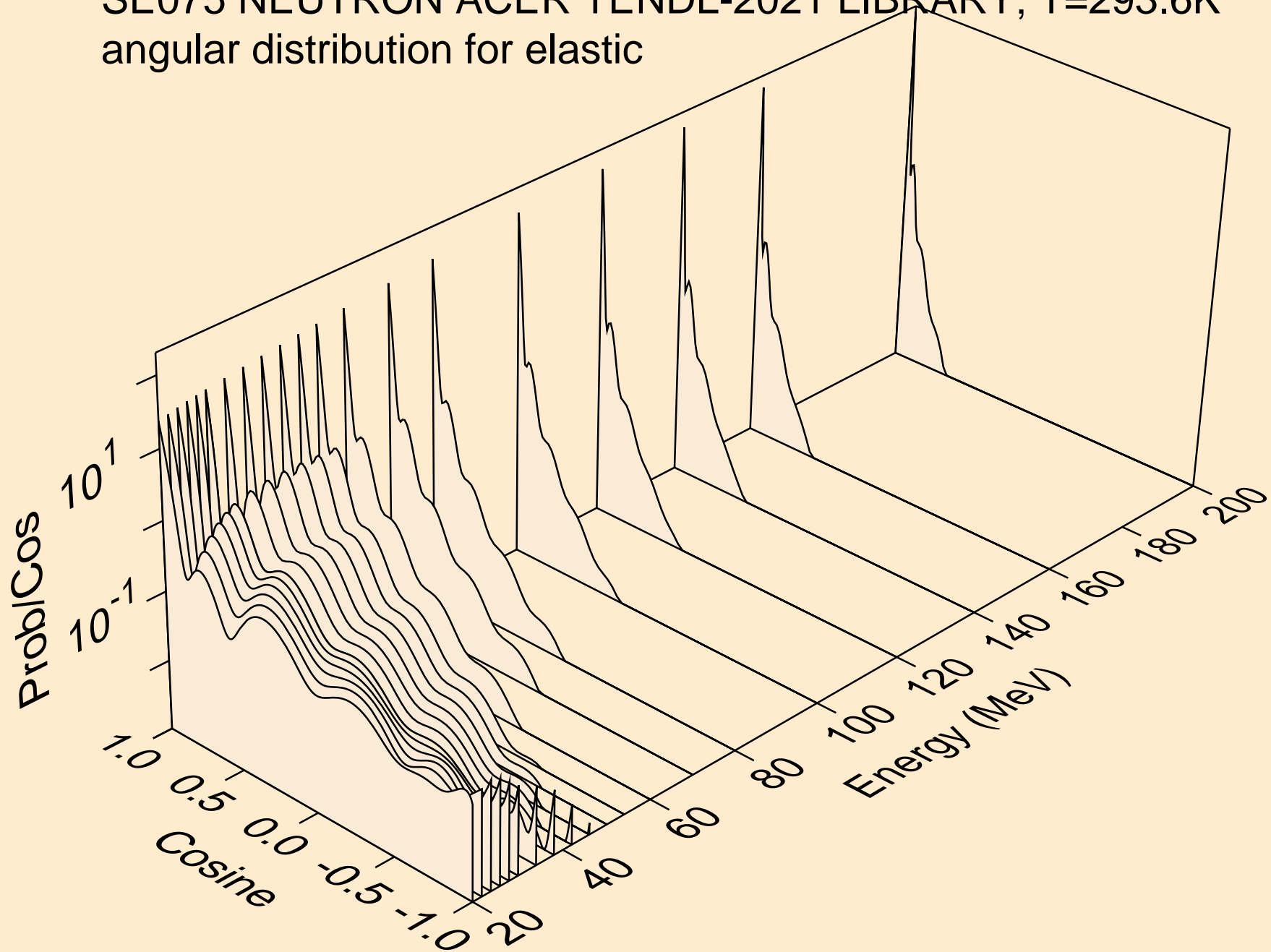
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



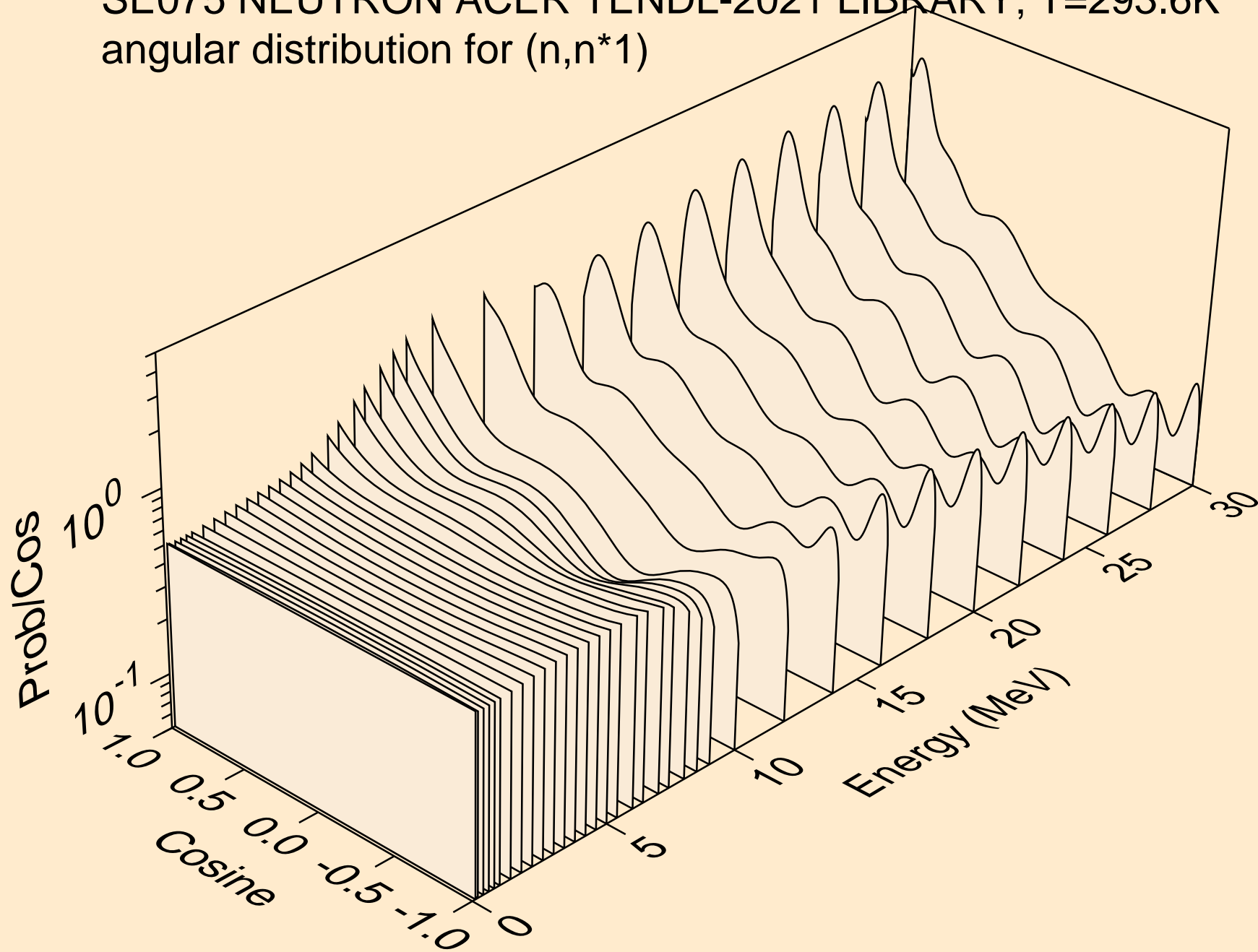
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

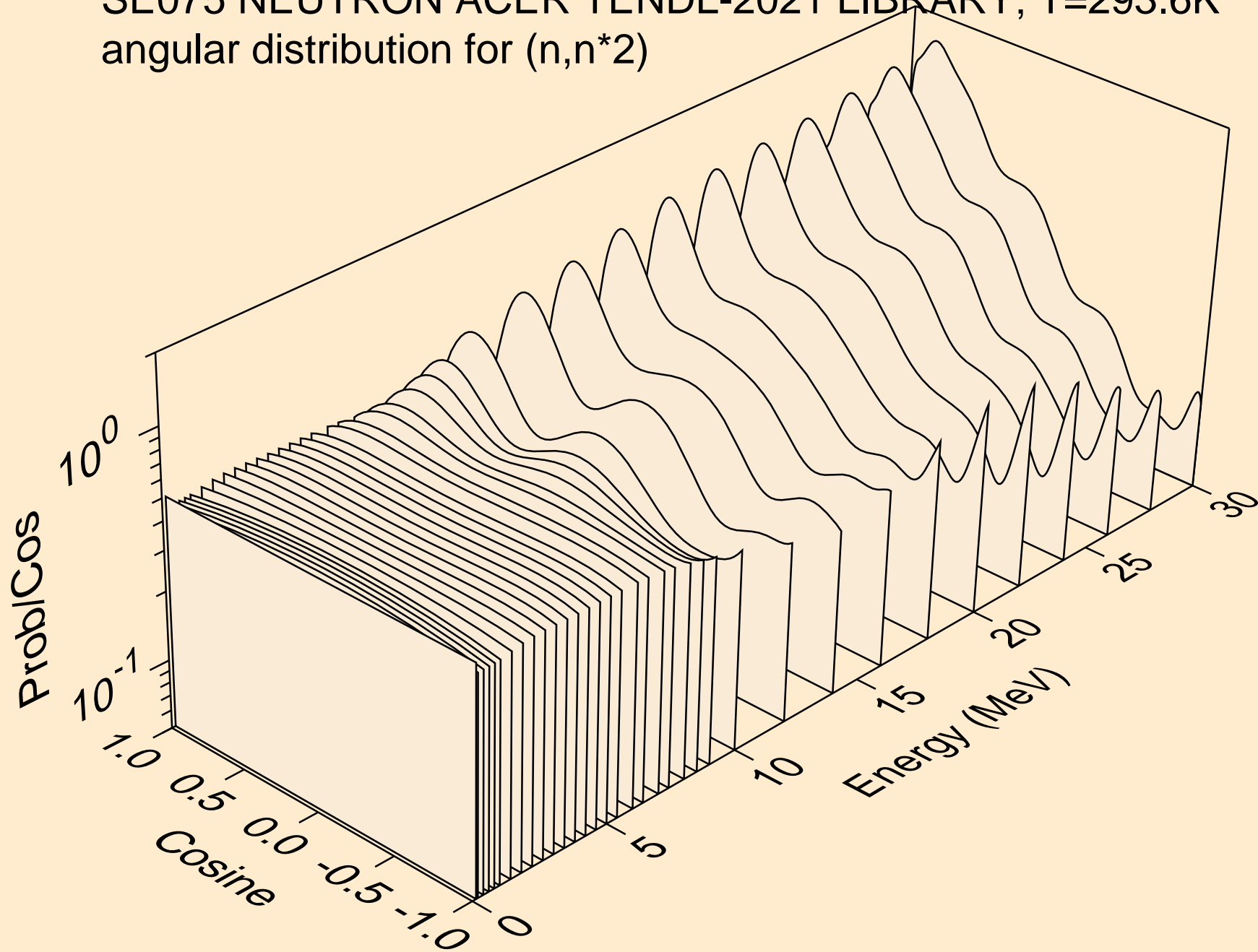


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

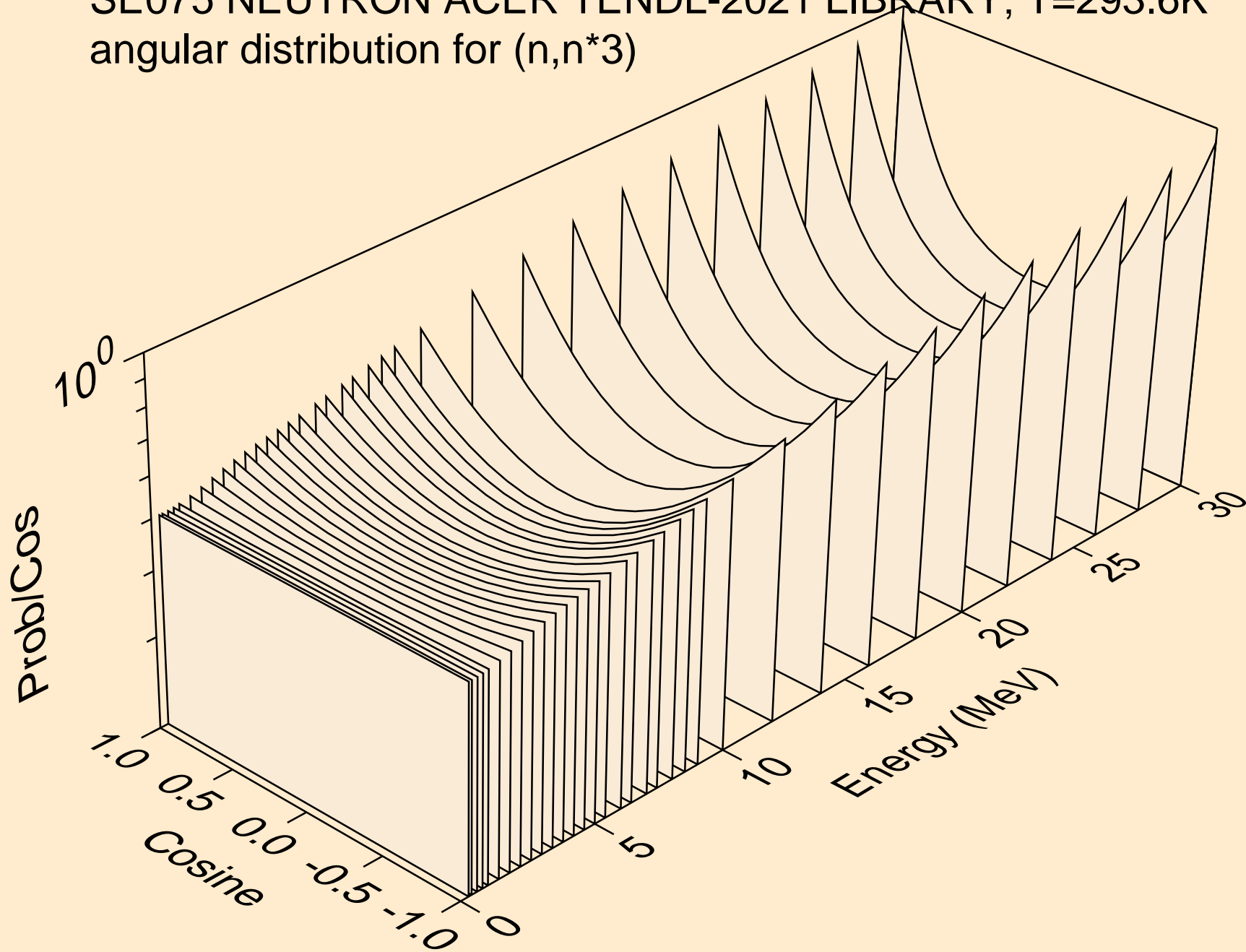




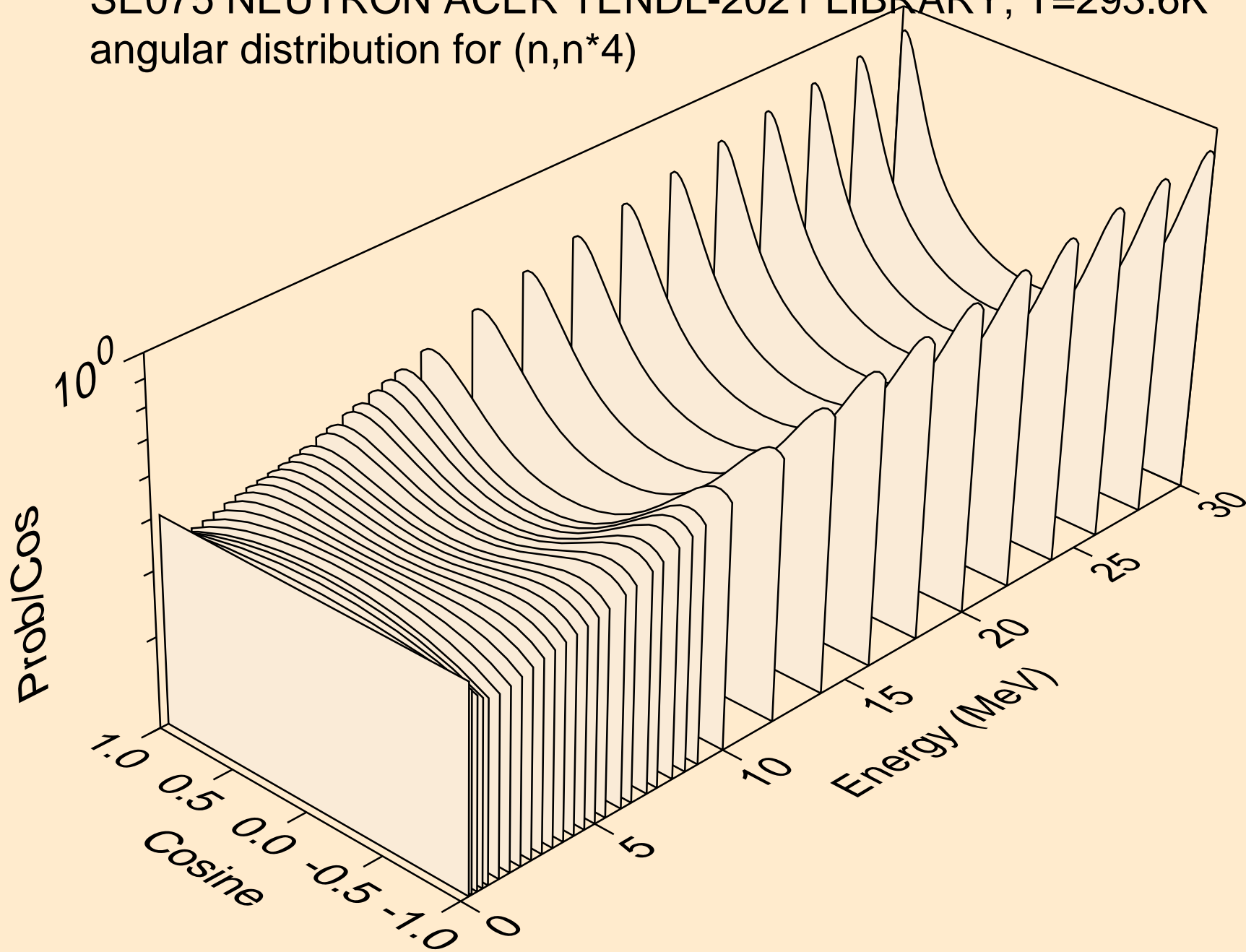
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



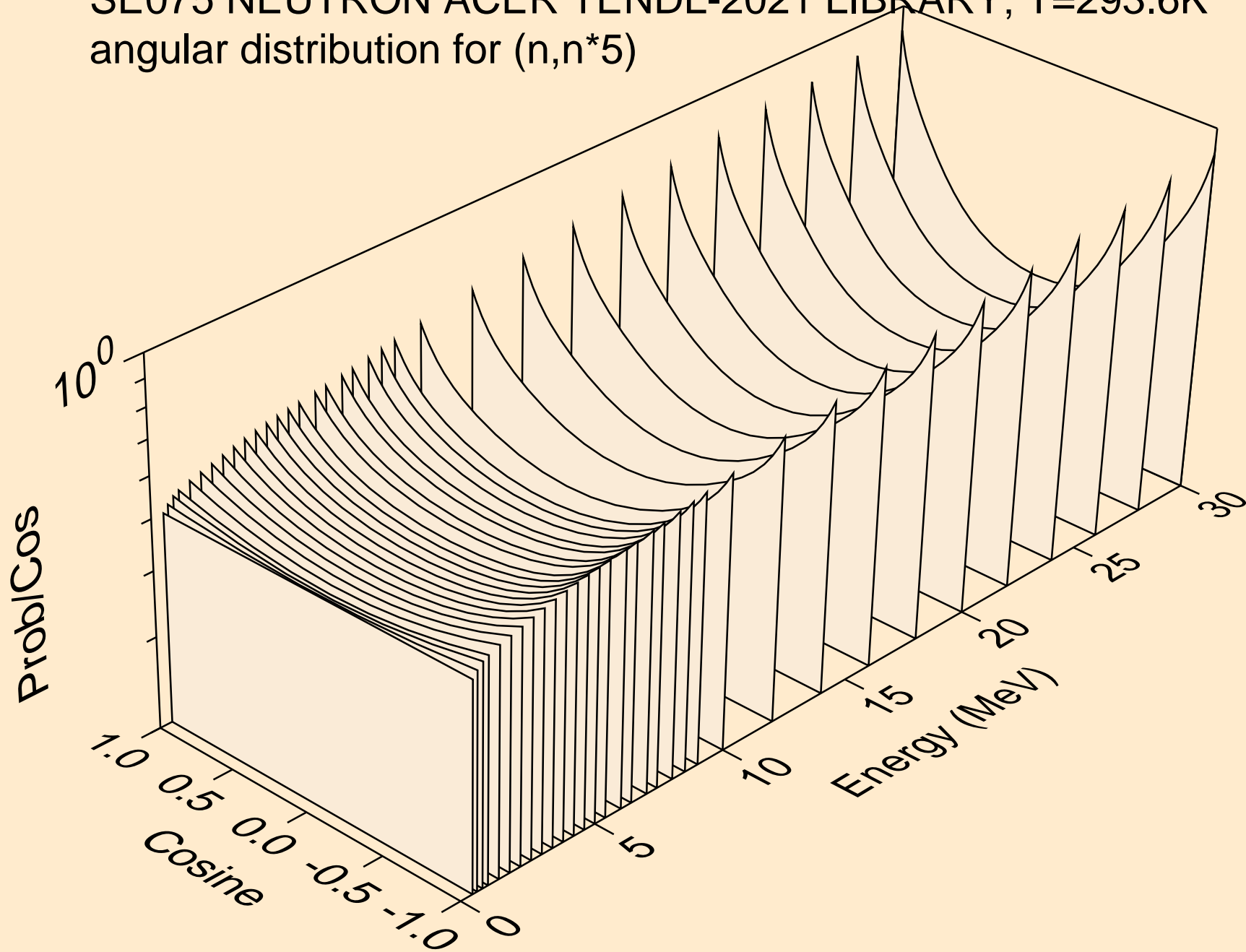
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angular distribution for (n,n\*3)



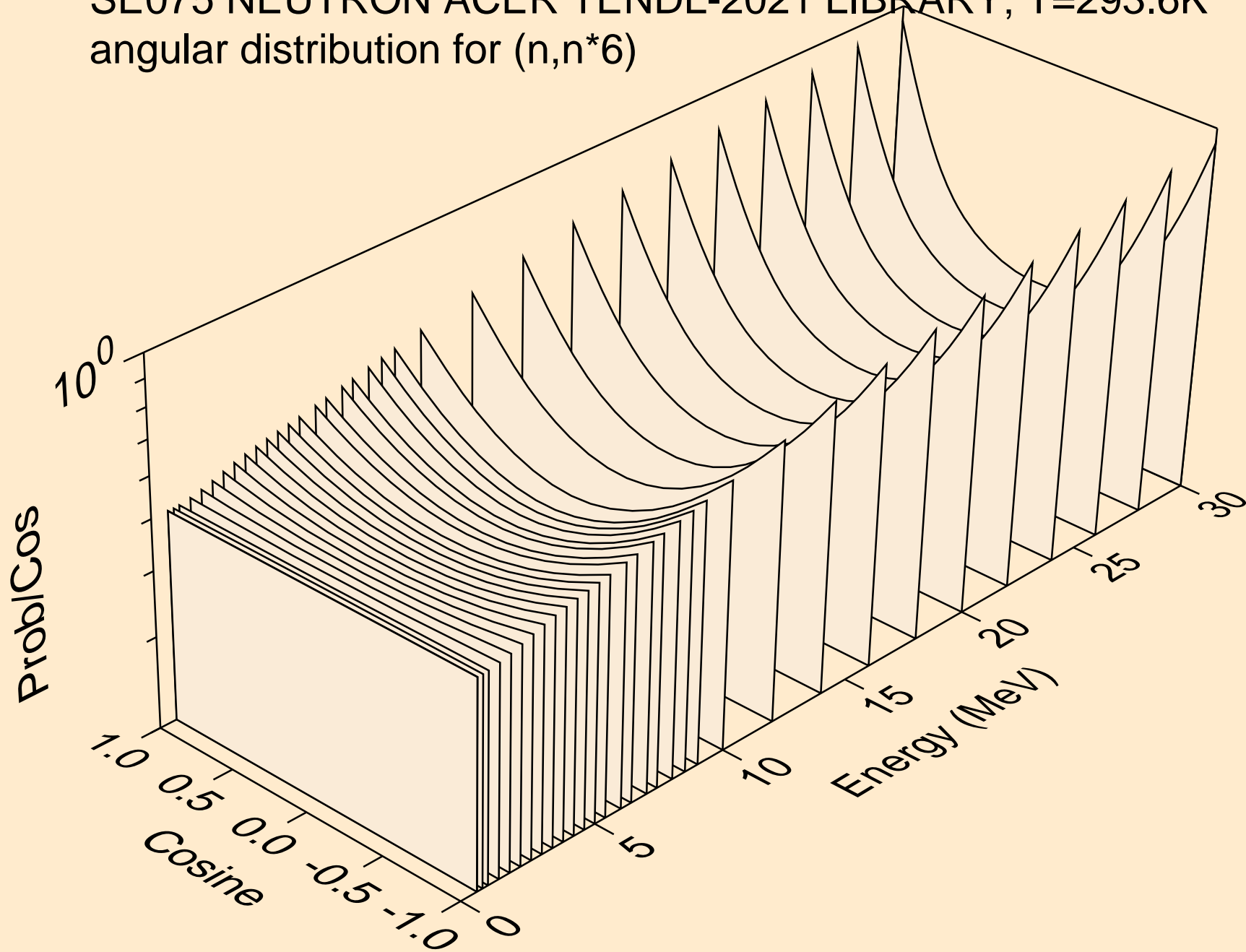
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



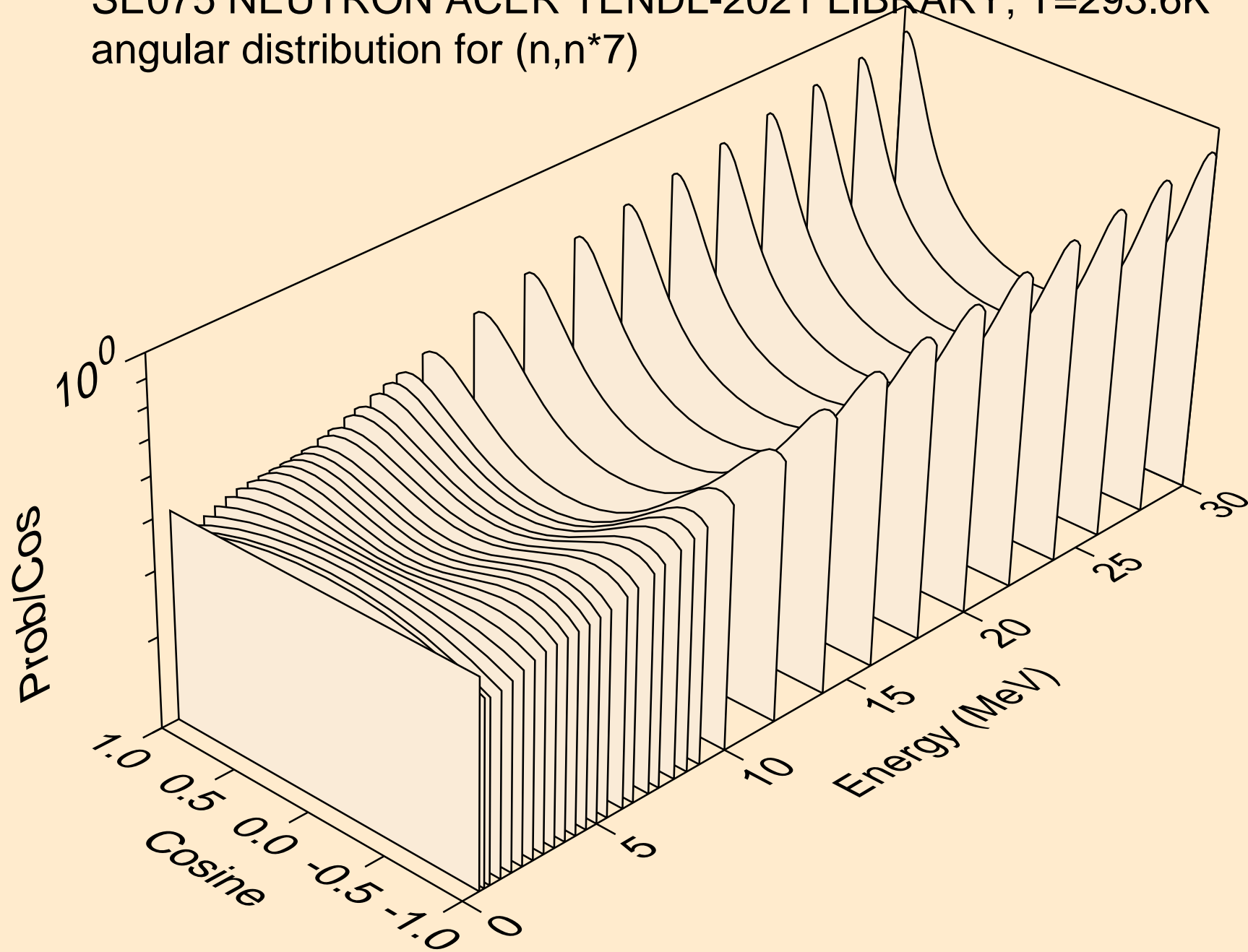
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angular distribution for (n,n\*5)



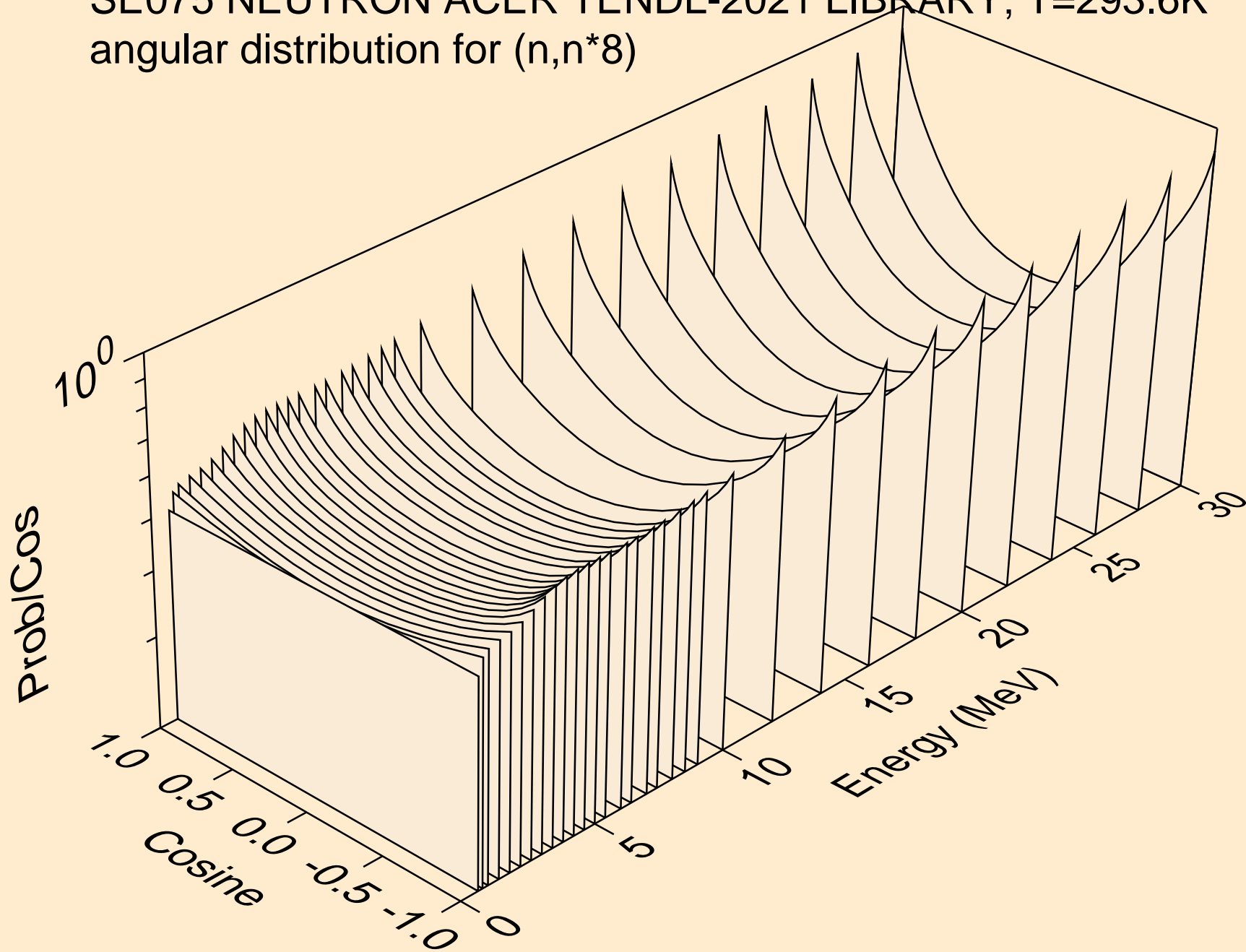
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angular distribution for (n,n\*6)



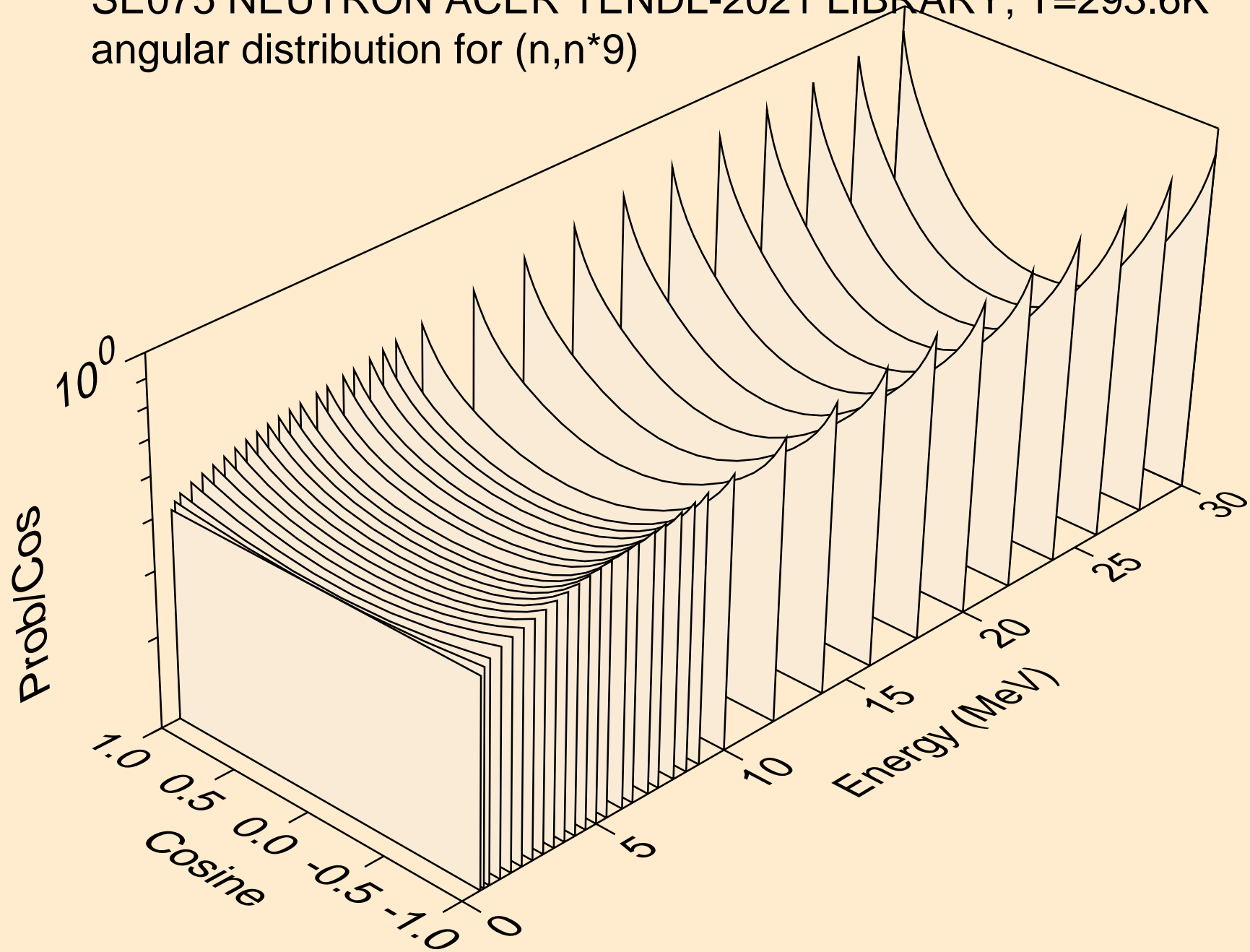
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

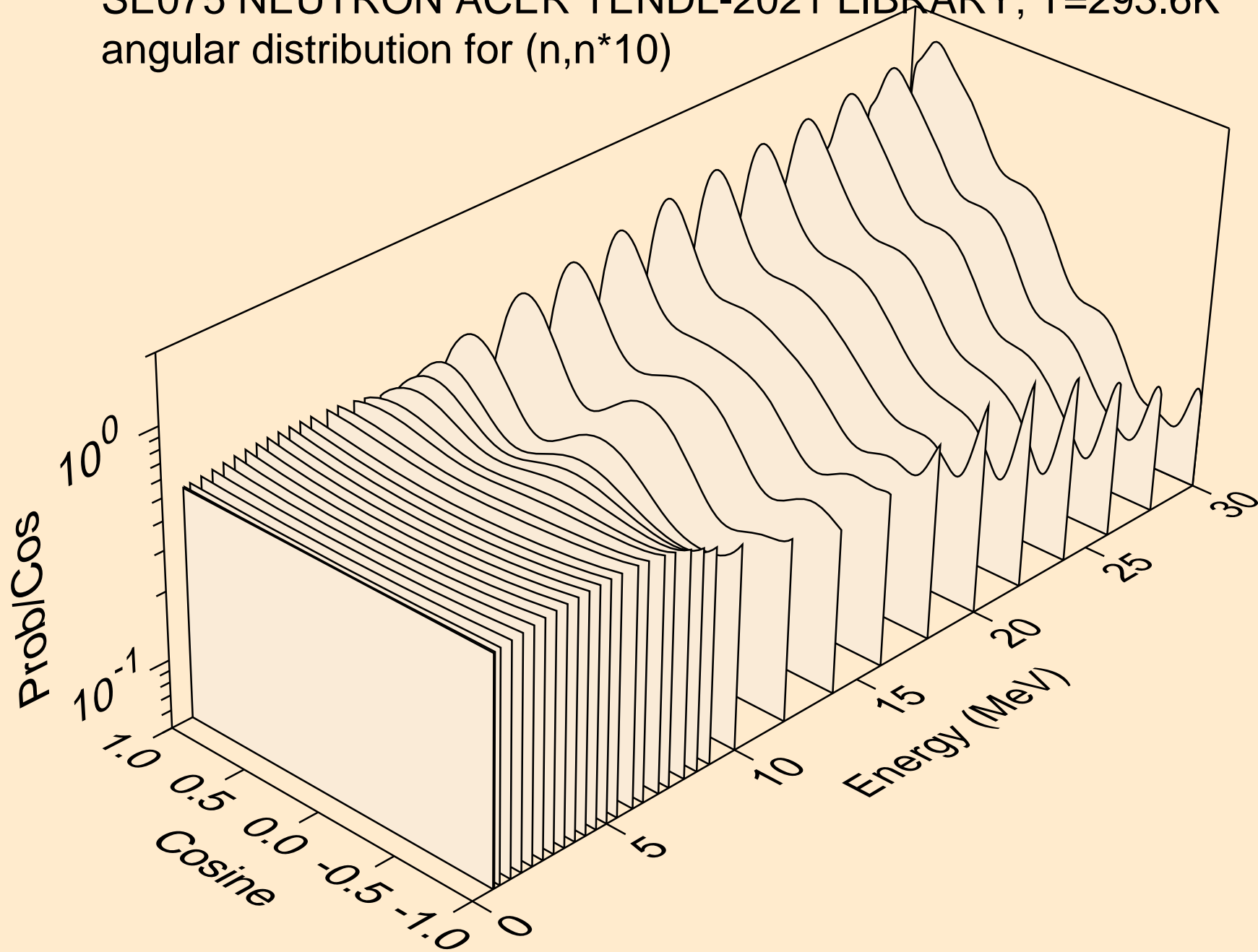


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

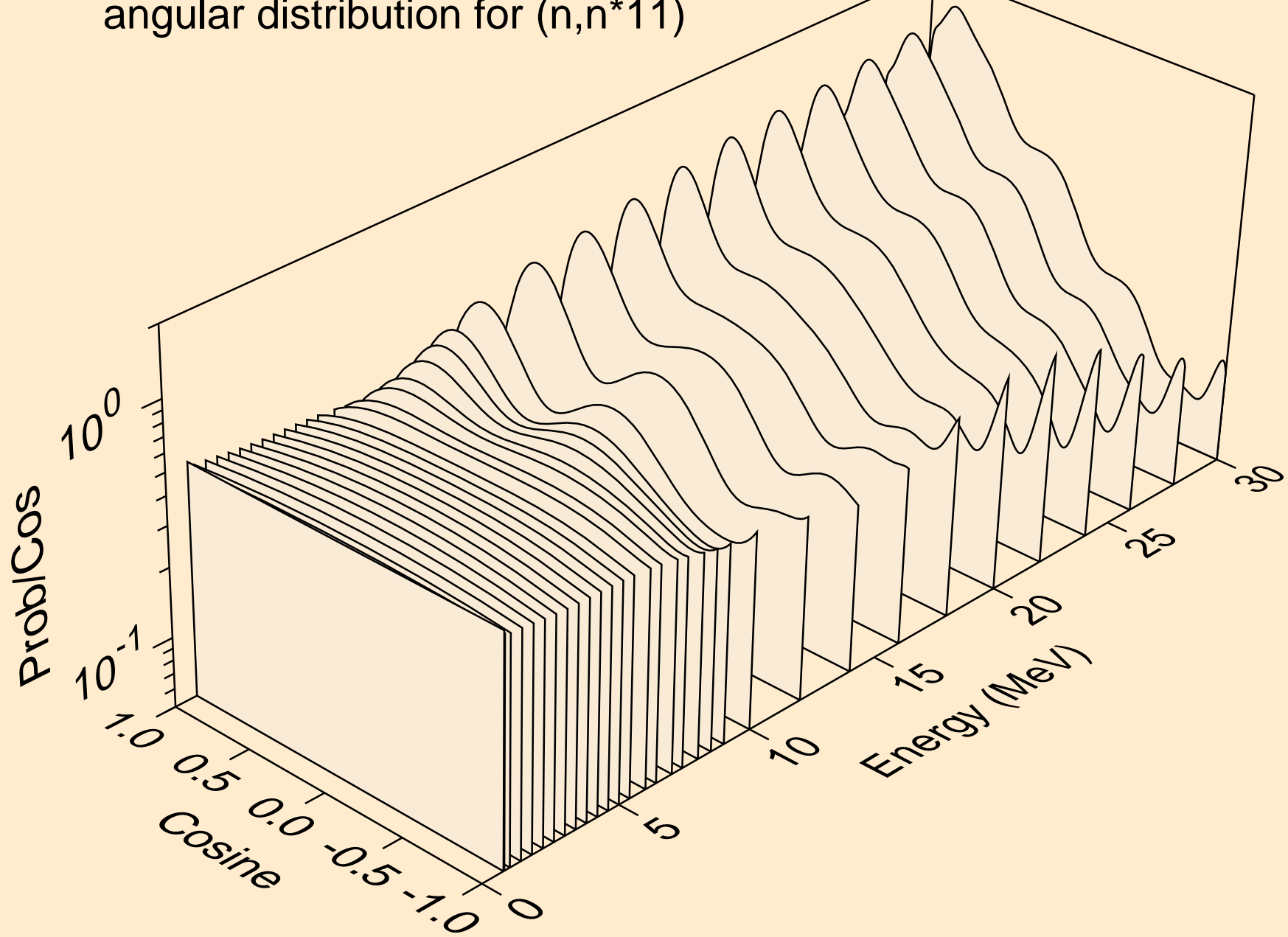




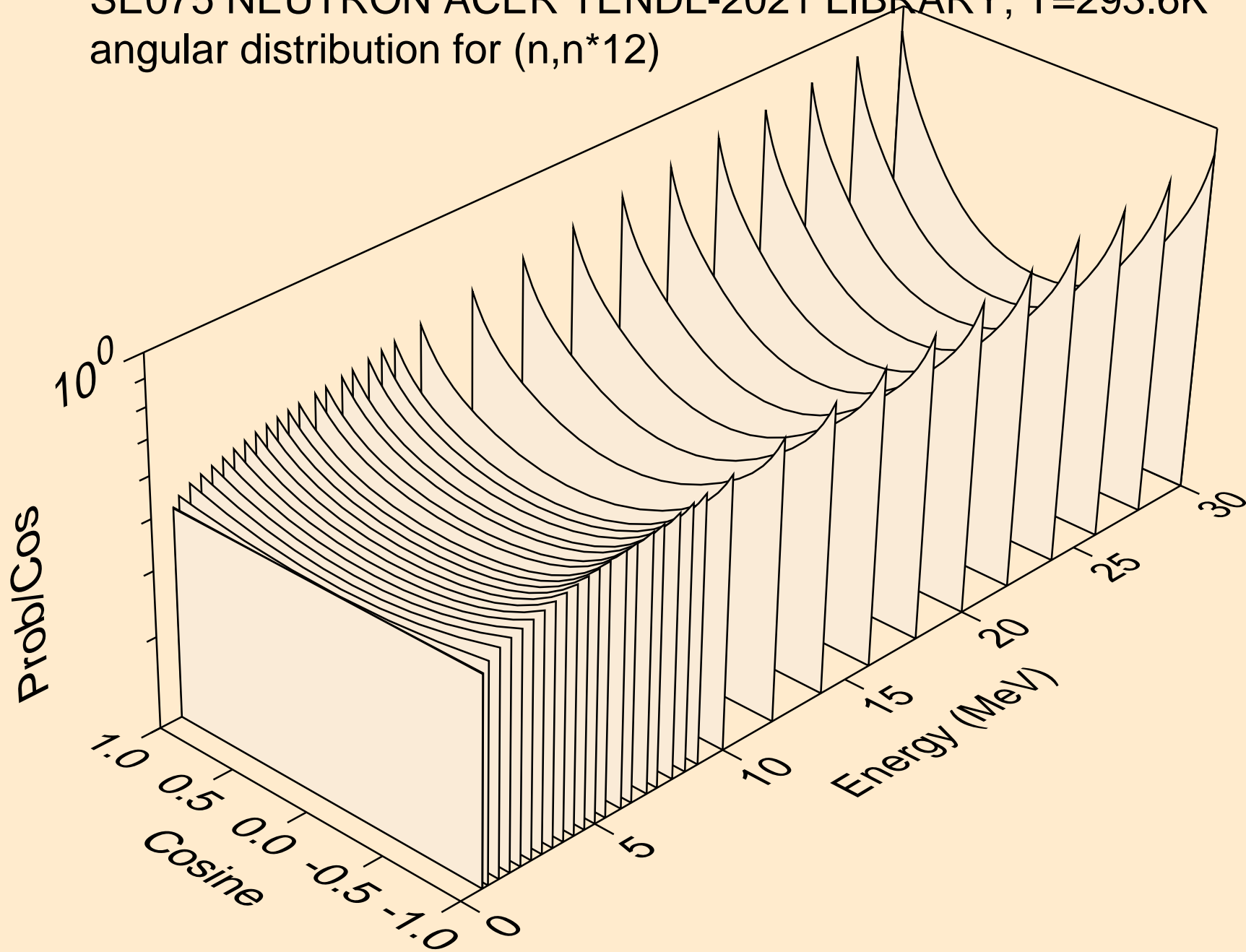
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angular distribution for (n,n\*10)



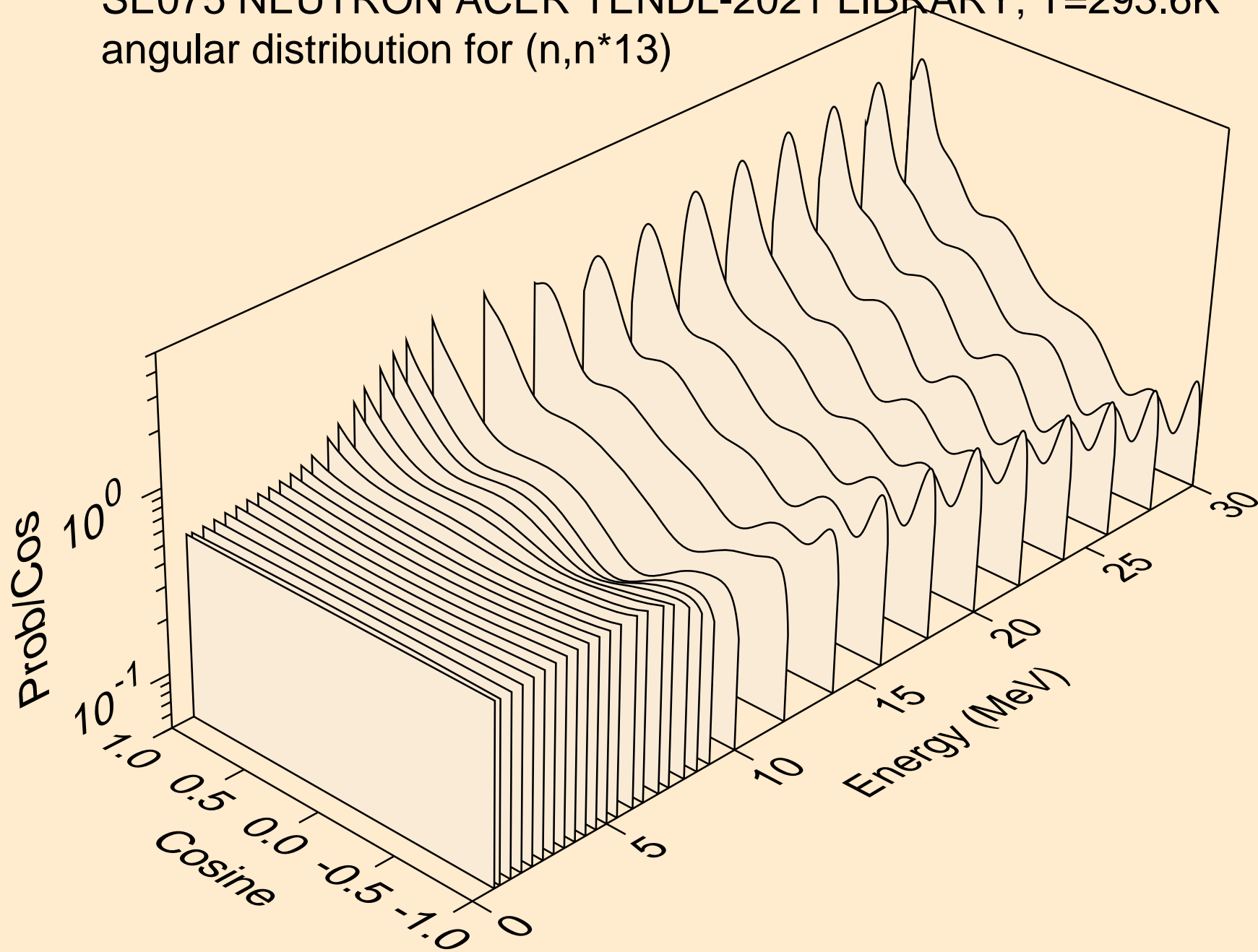
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angular distribution for (n,n\*11)



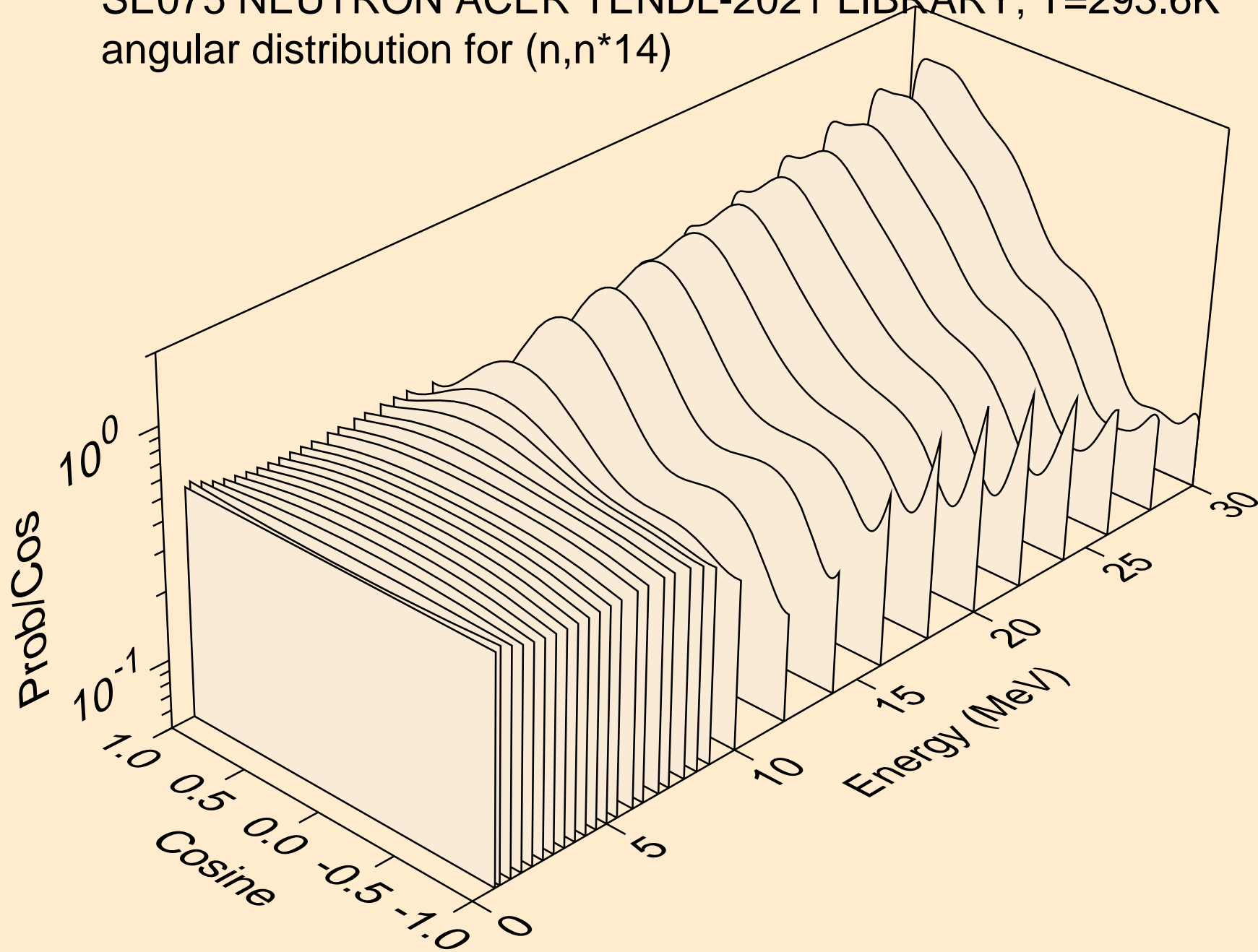
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angular distribution for (n,n\*12)



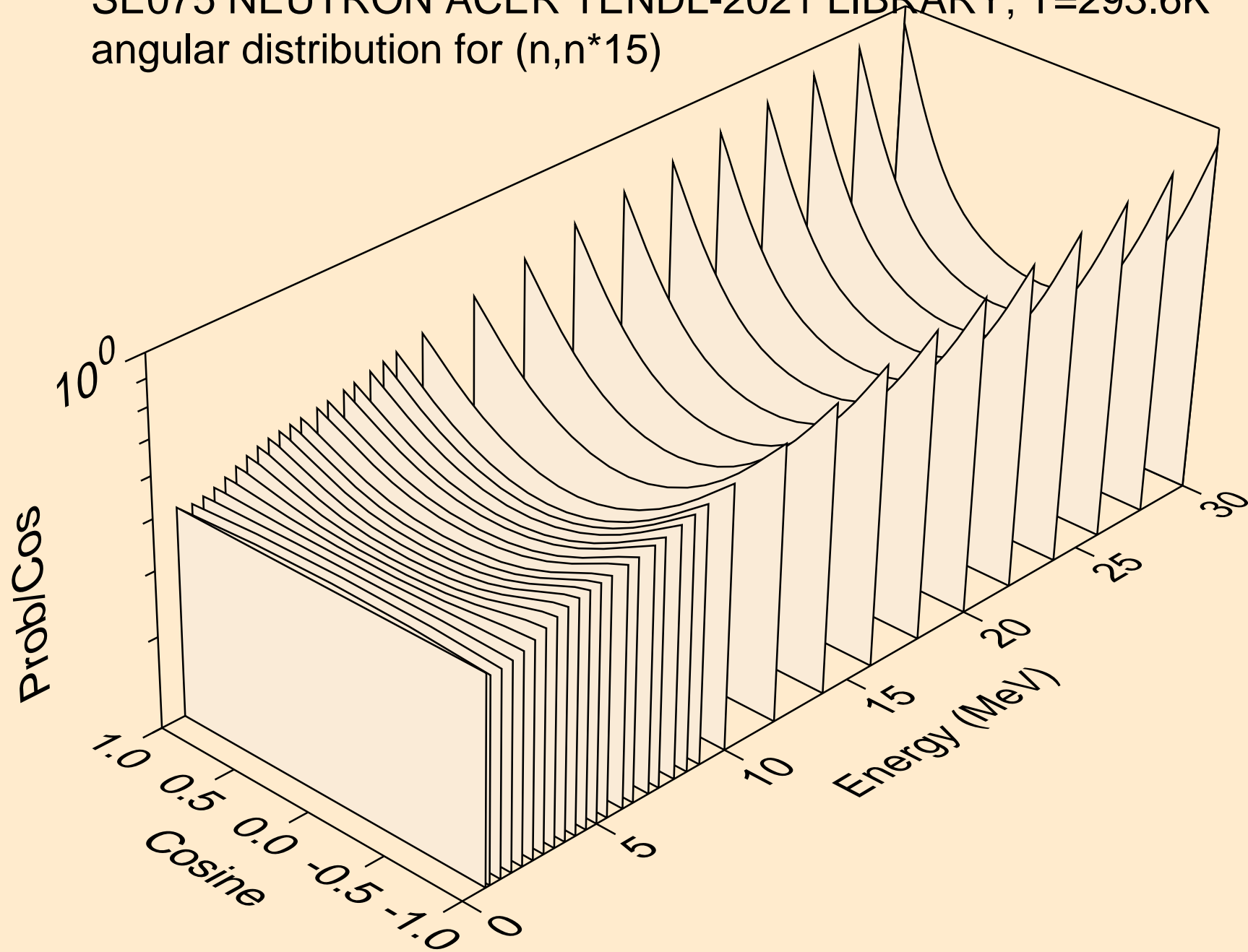
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angular distribution for (n,n\*13)



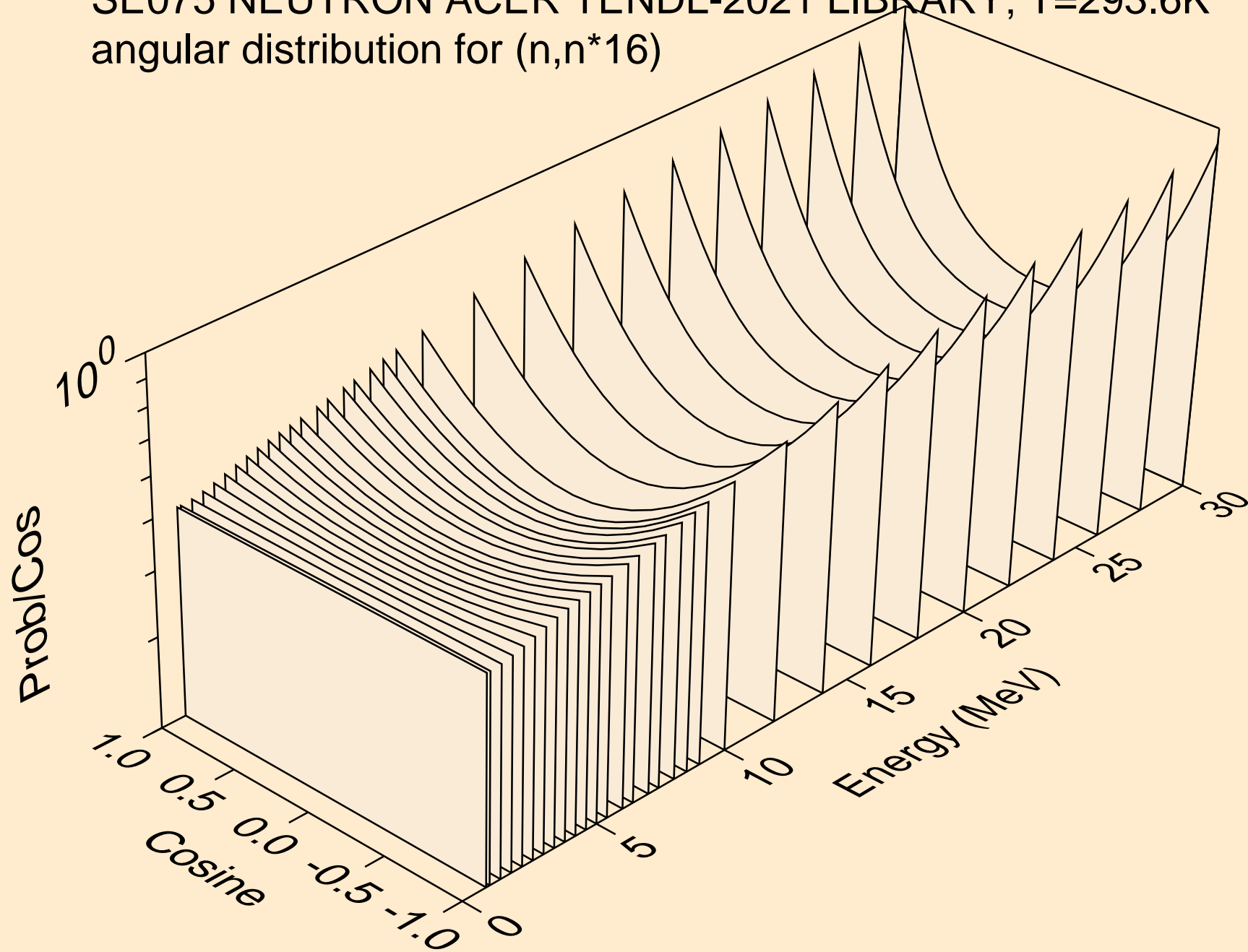
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angular distribution for (n,n\*14)



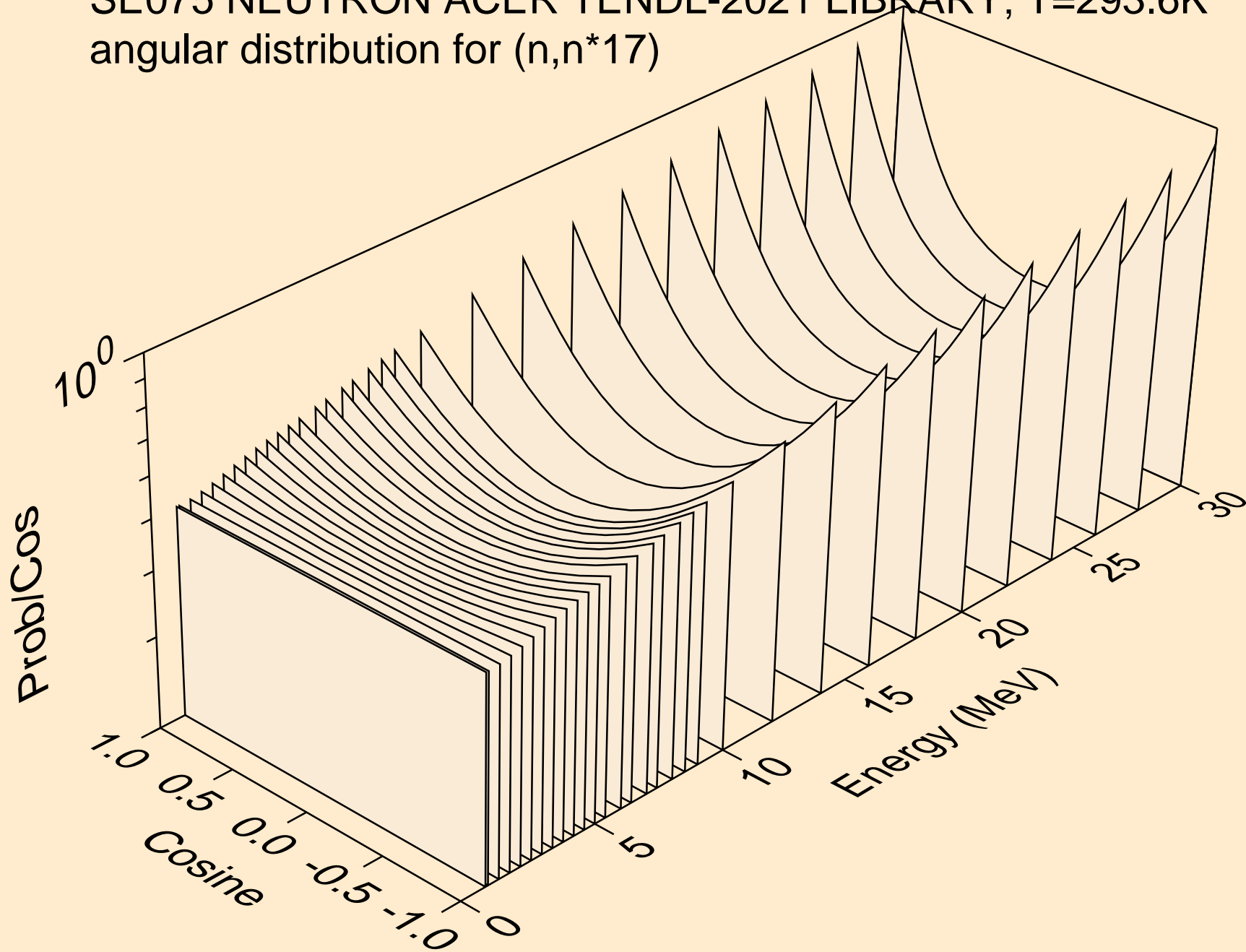
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

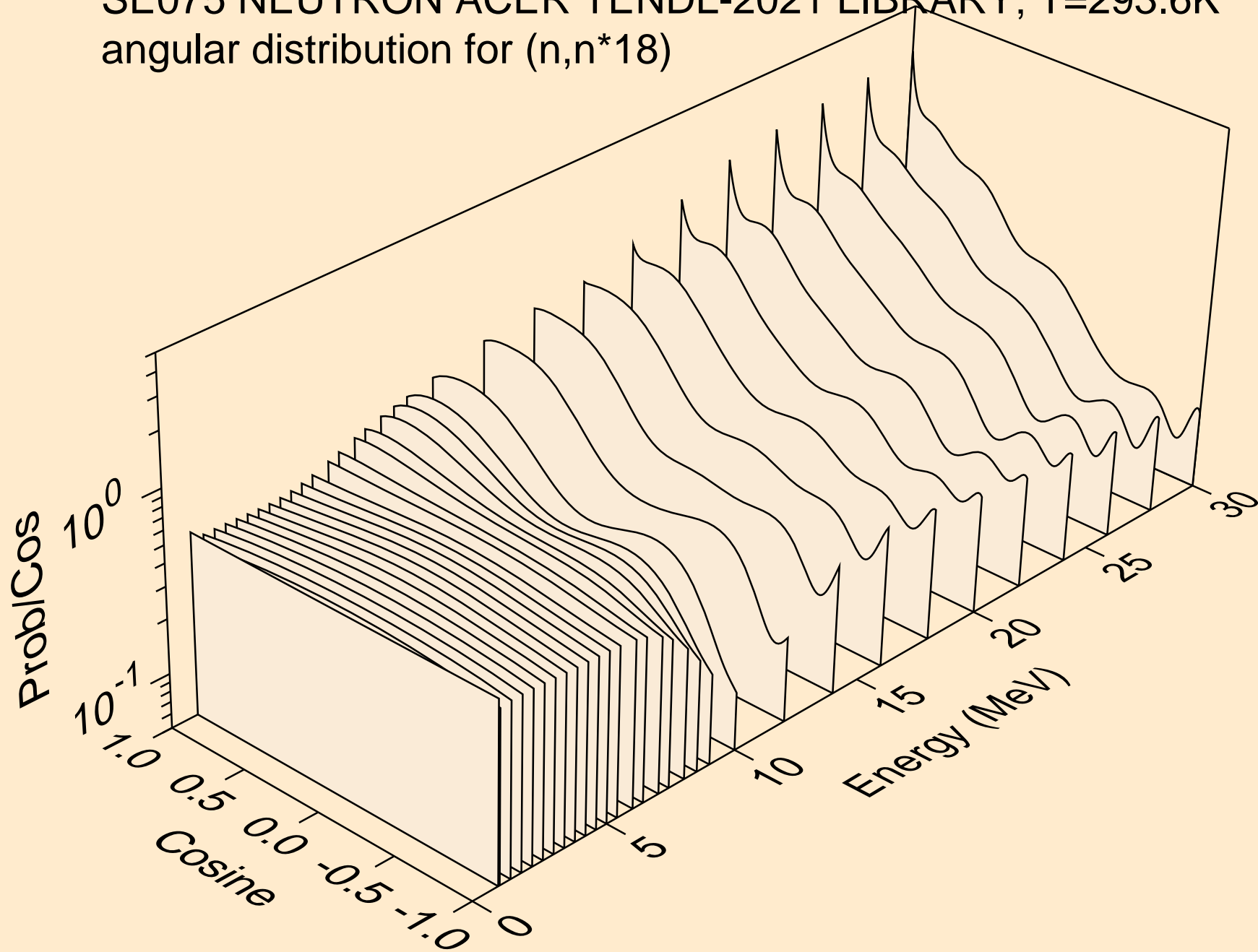


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

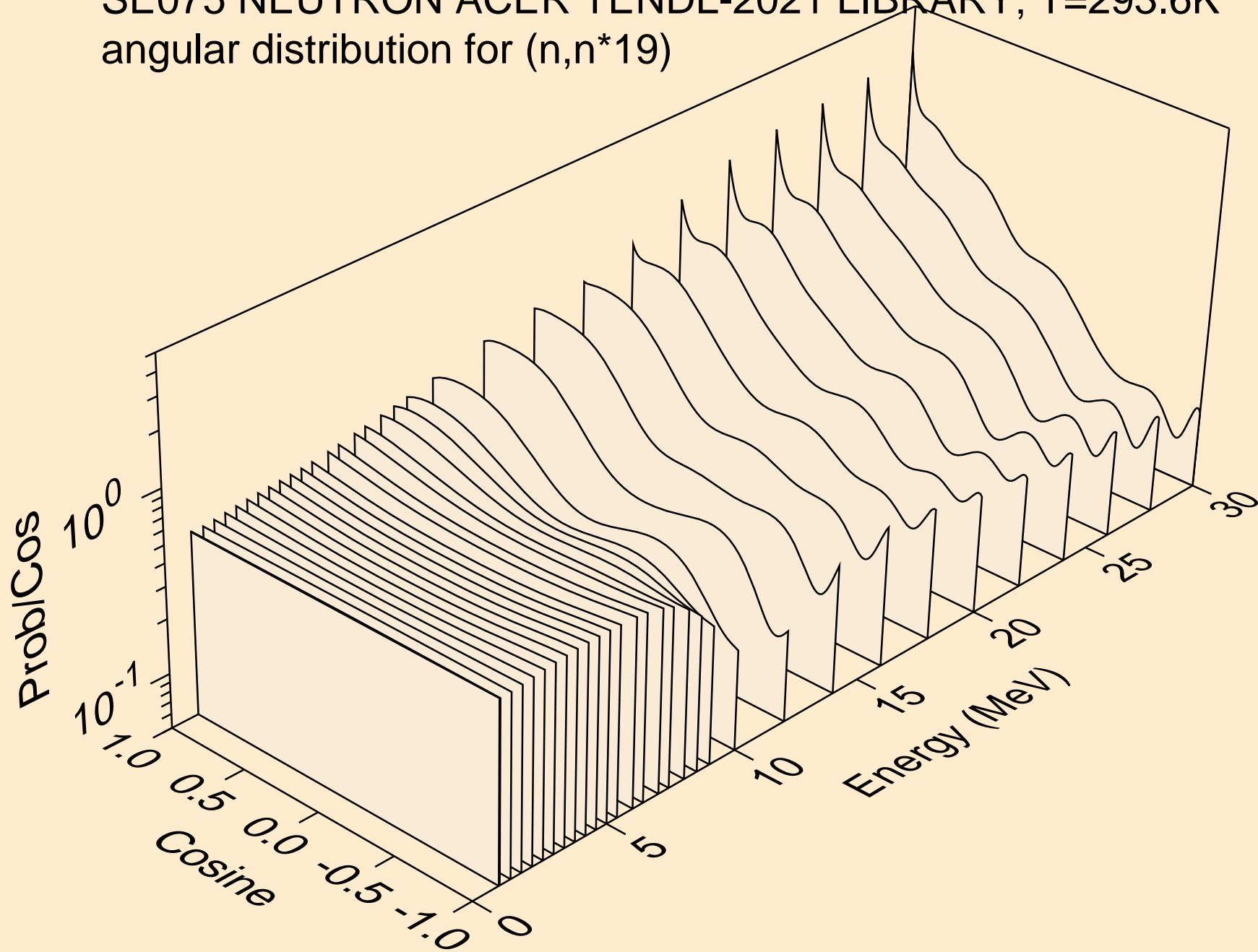




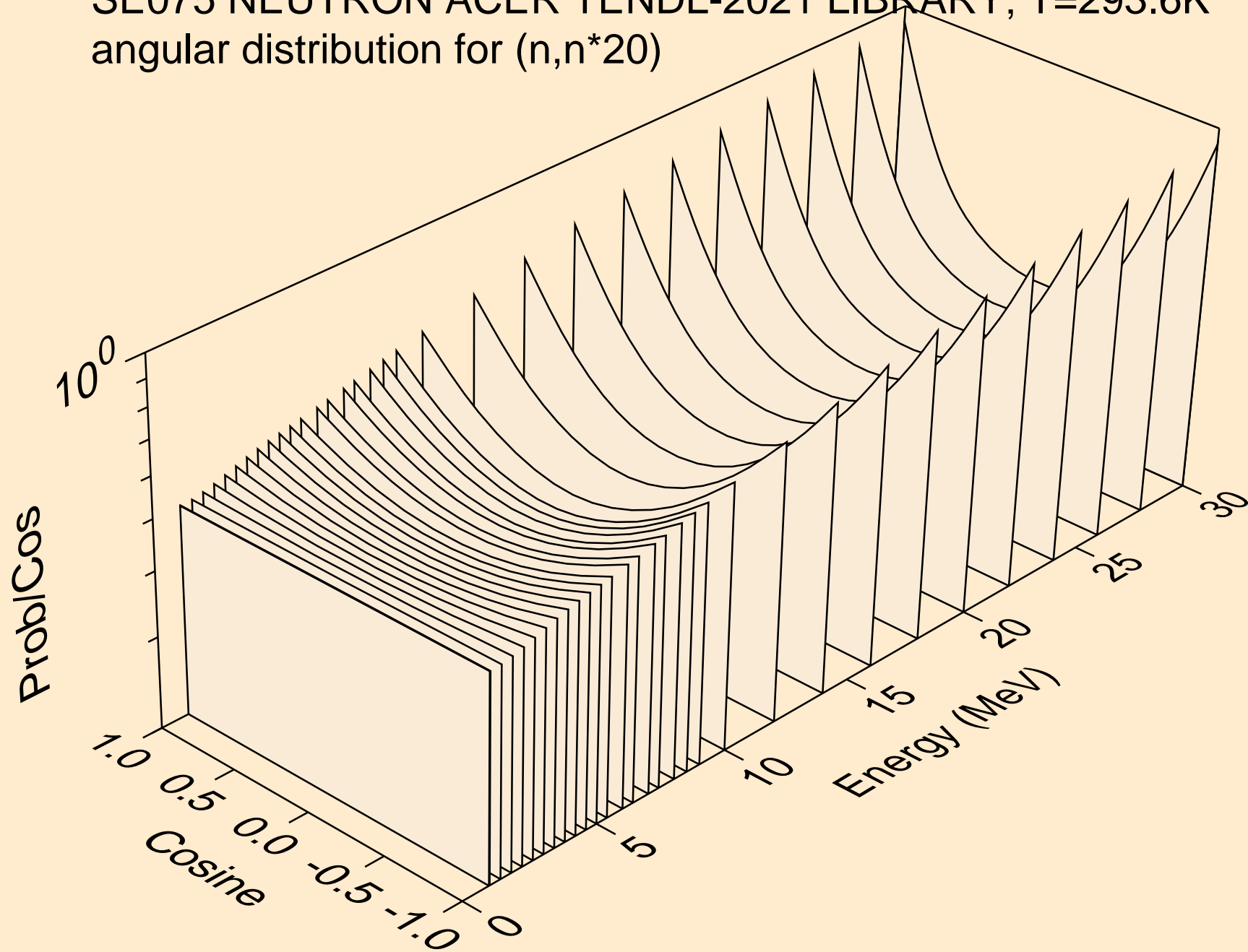
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angular distribution for (n,n\*18)



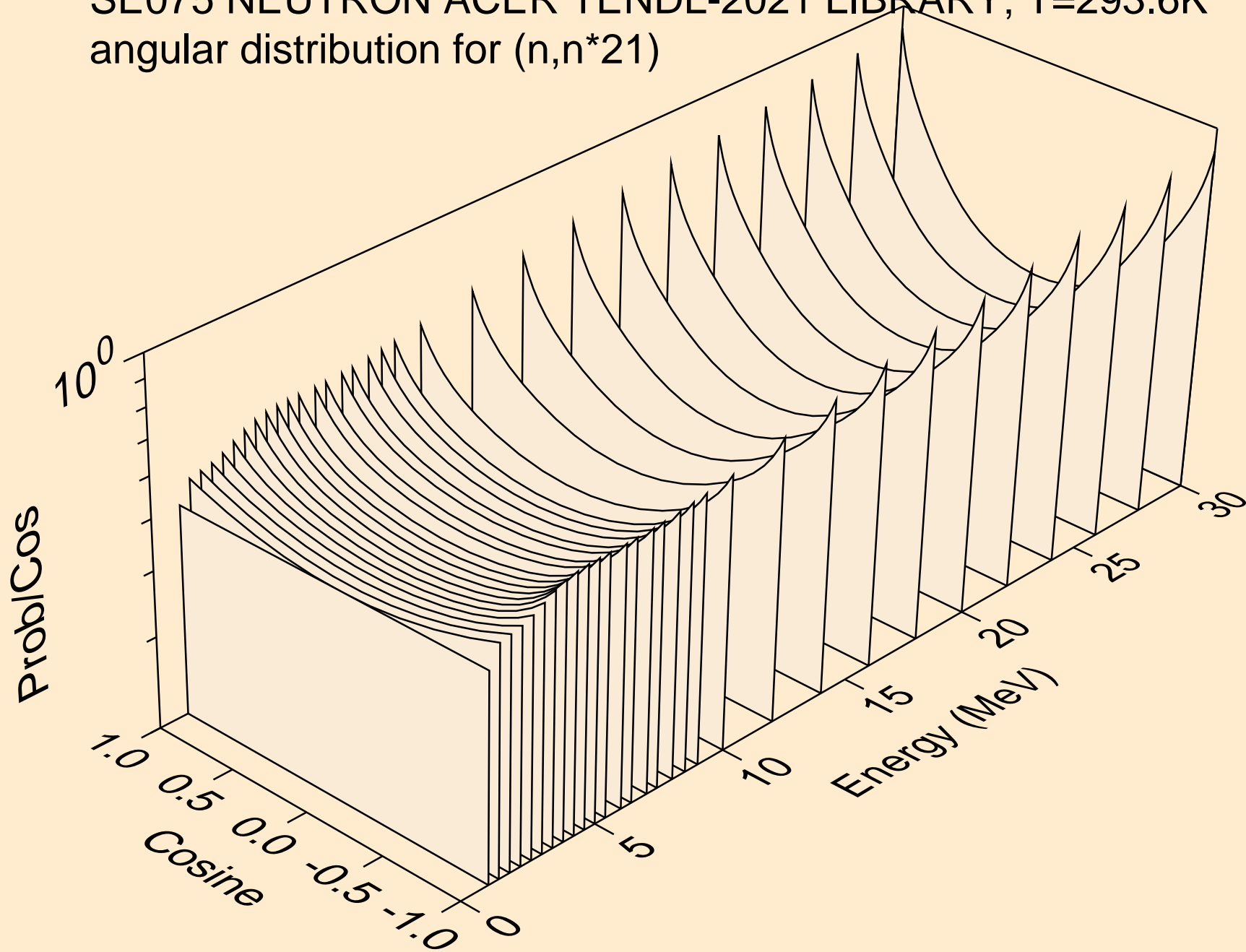
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angular distribution for (n,n\*19)



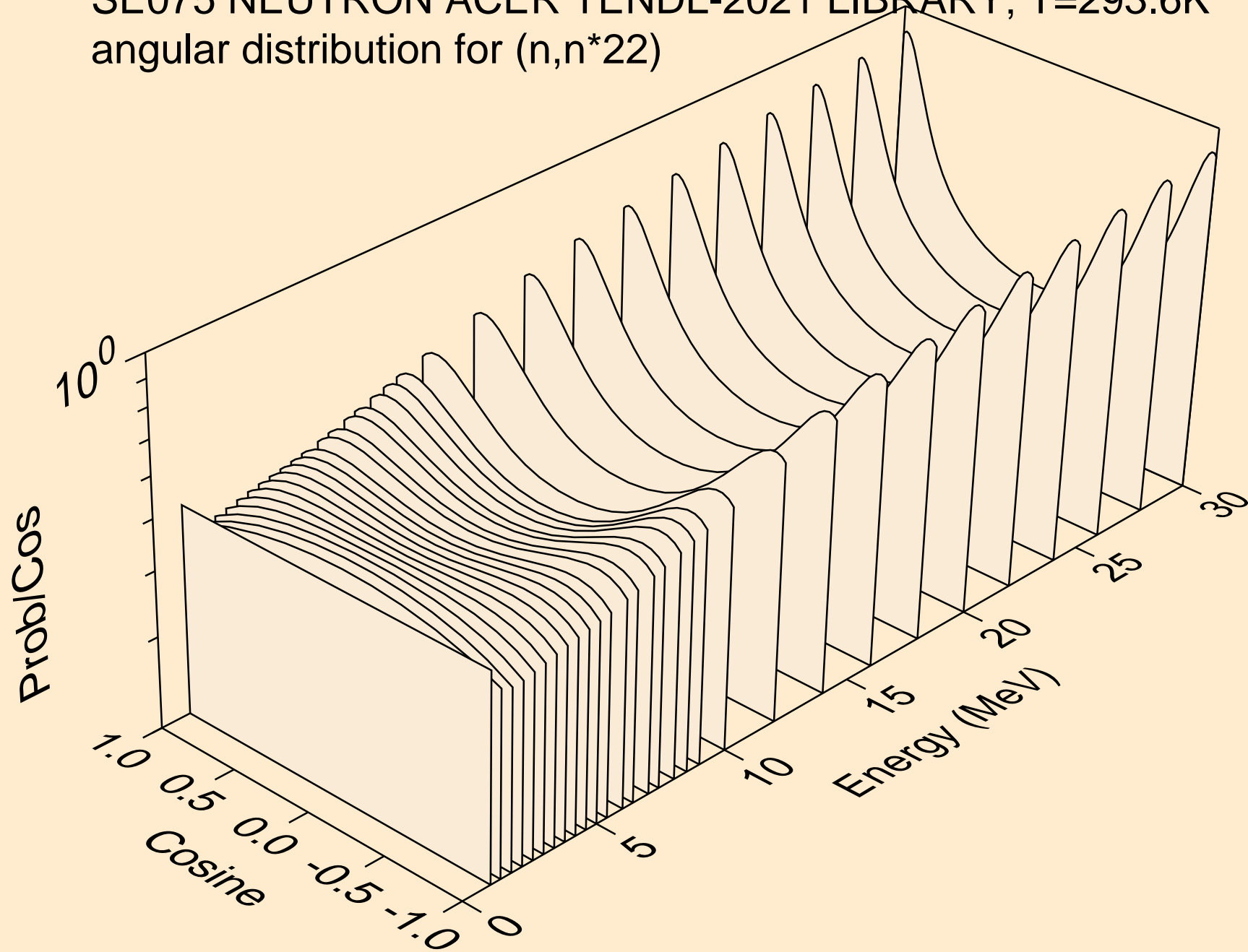
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angular distribution for (n,n\*20)



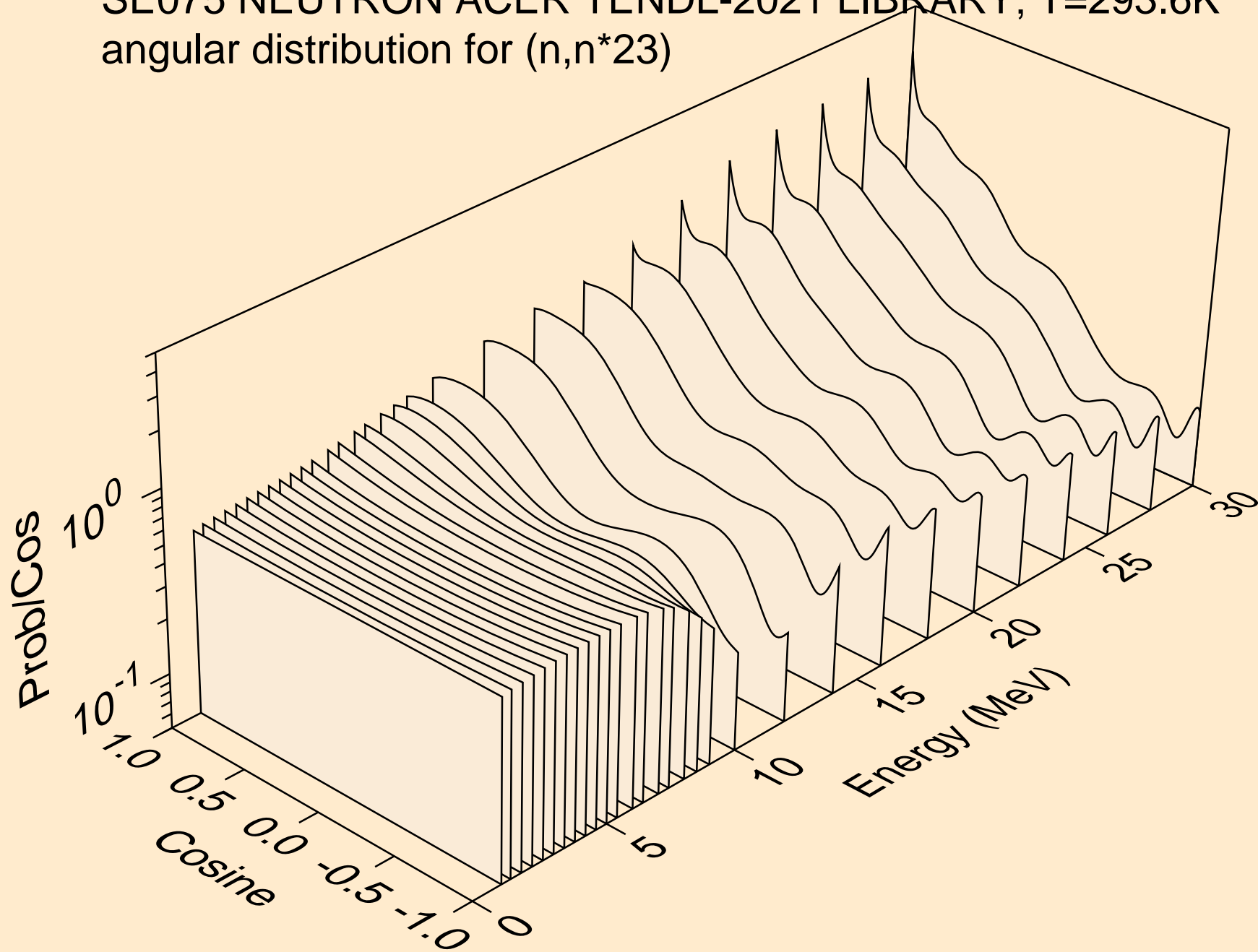
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angular distribution for (n,n\*21)



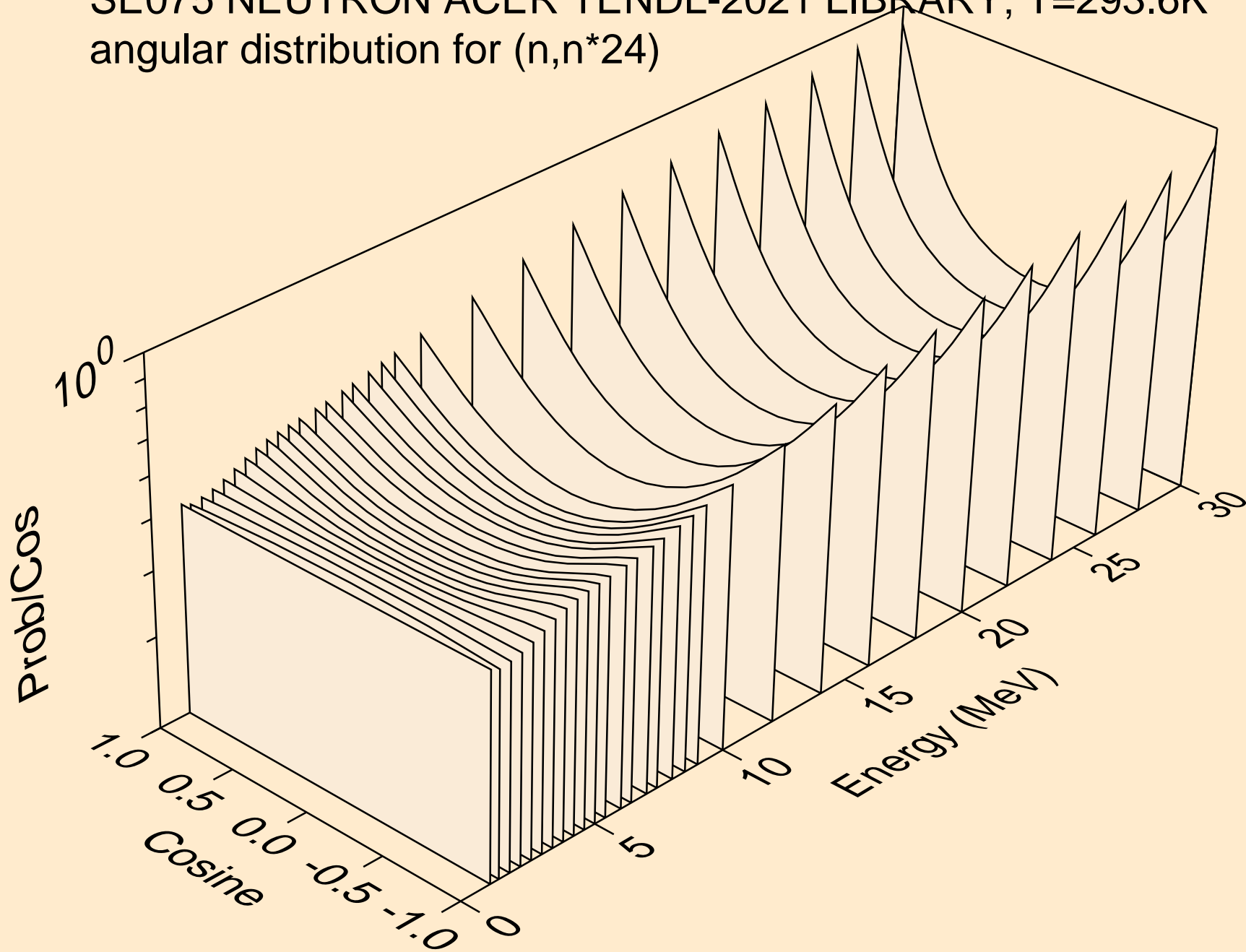
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



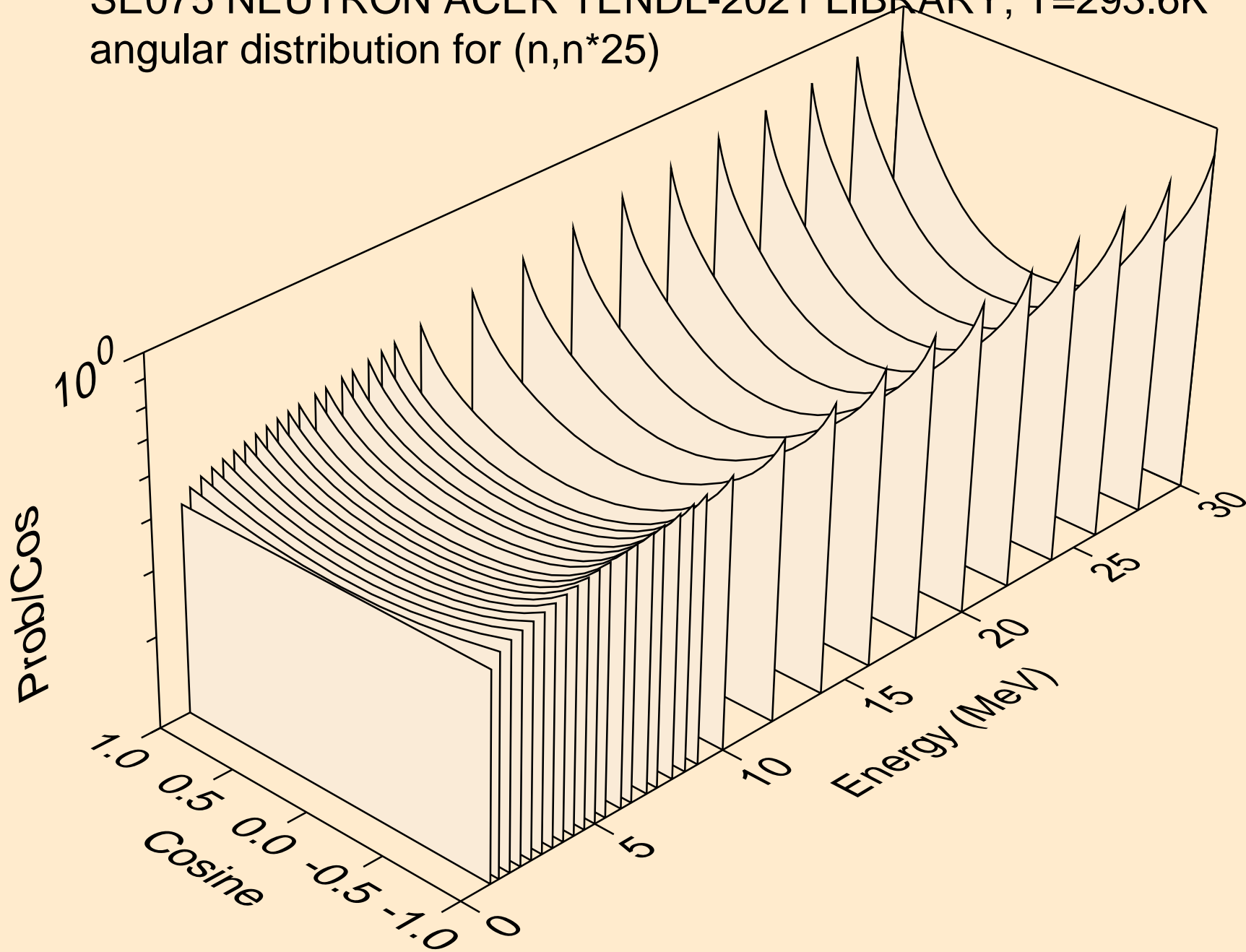
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

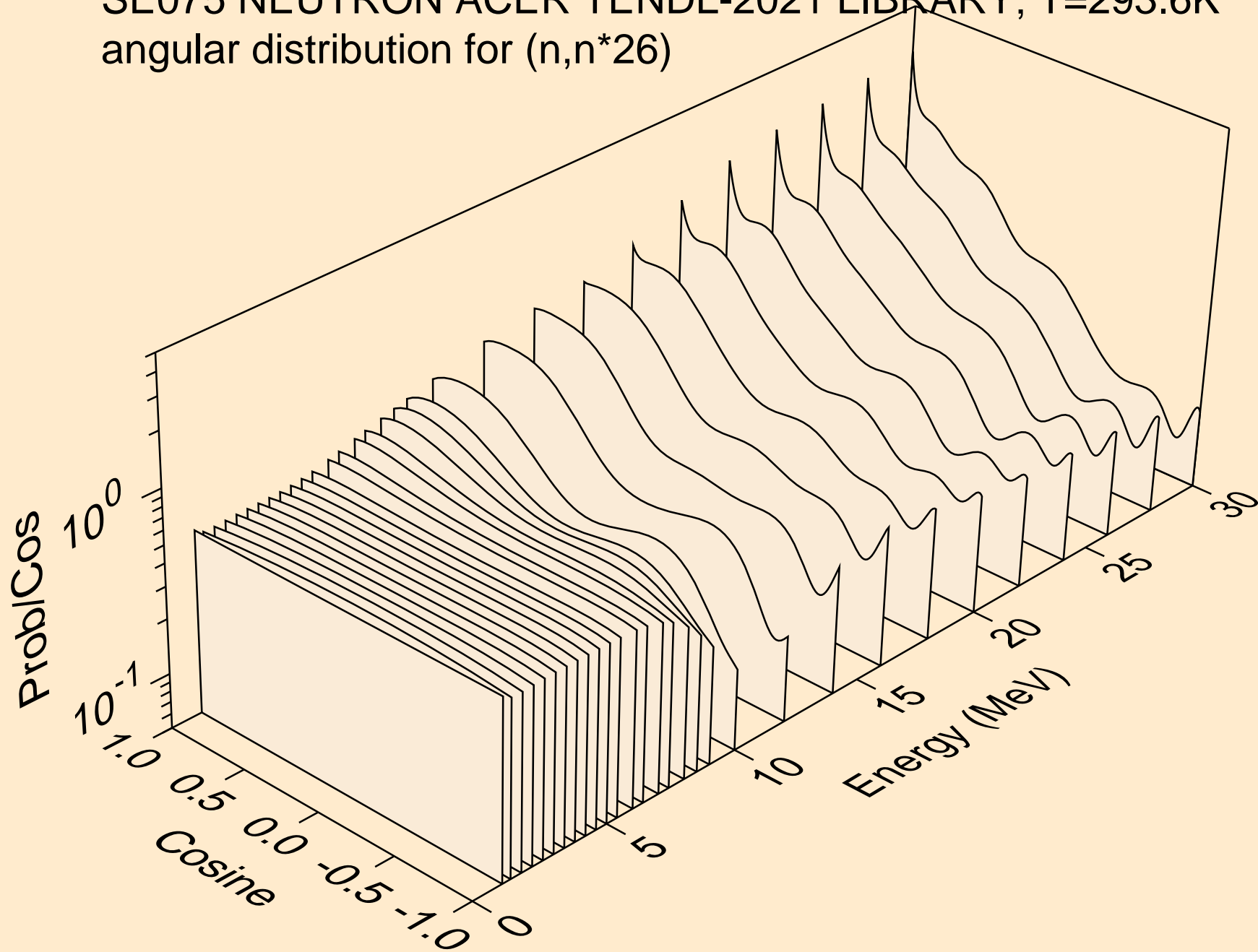


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

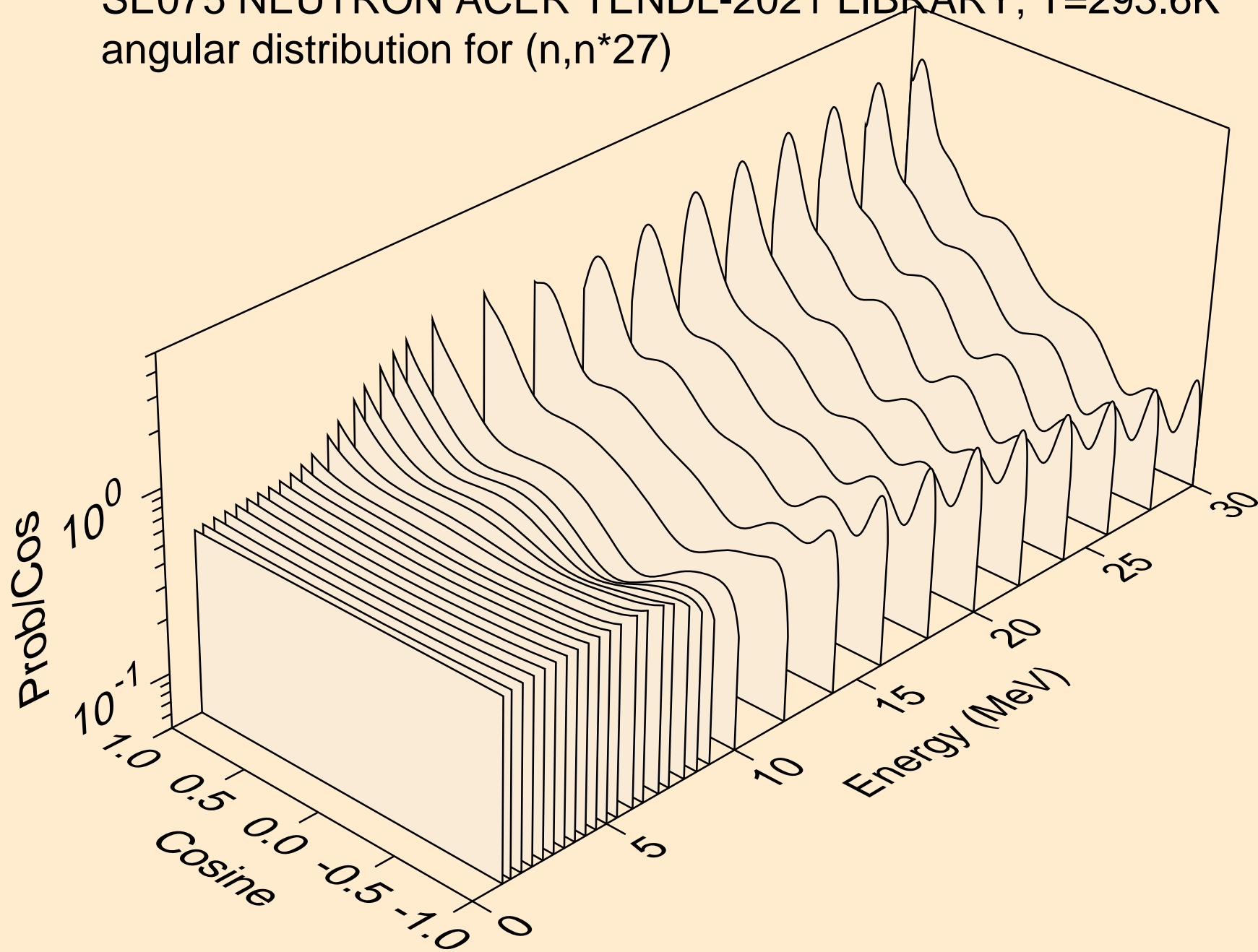




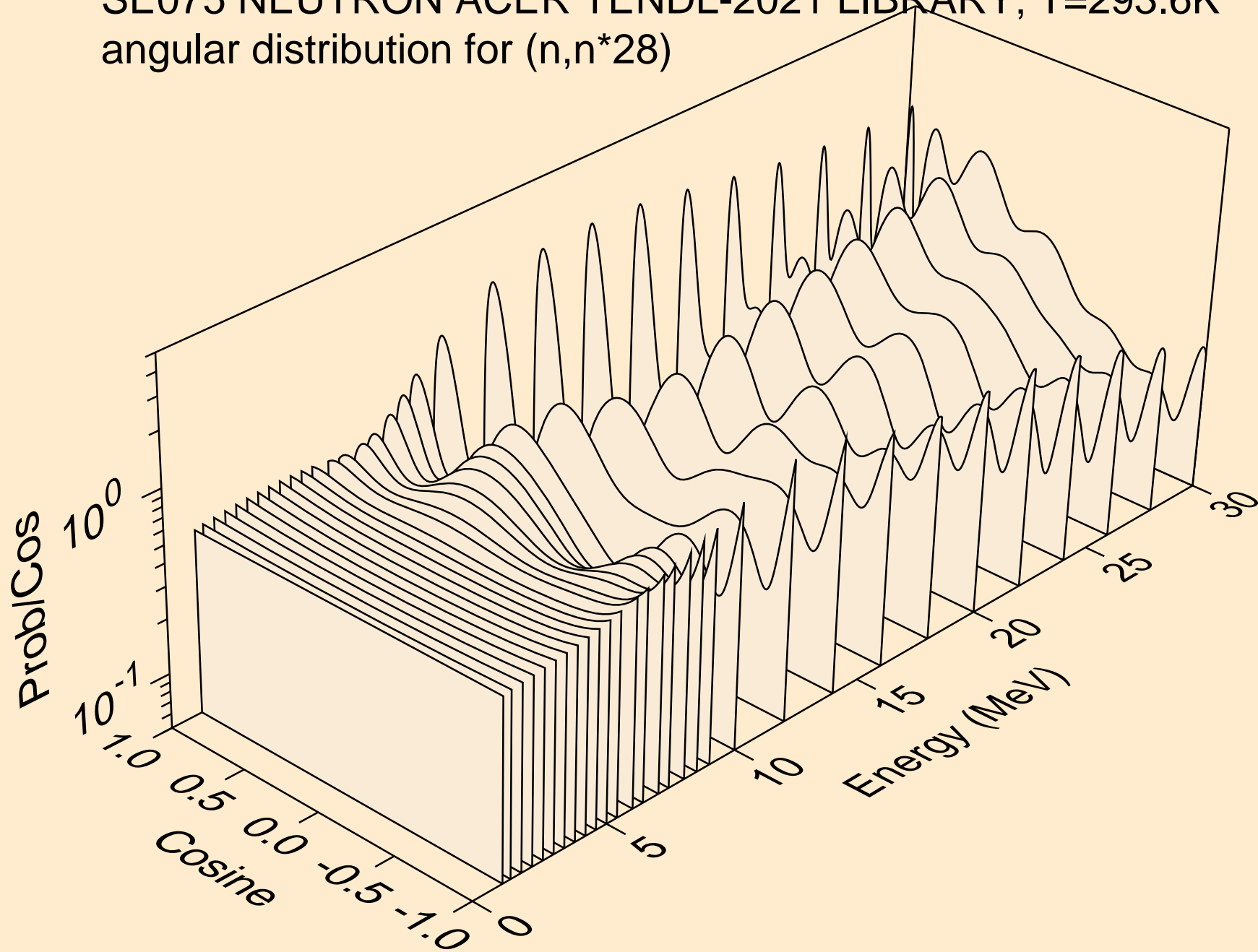
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



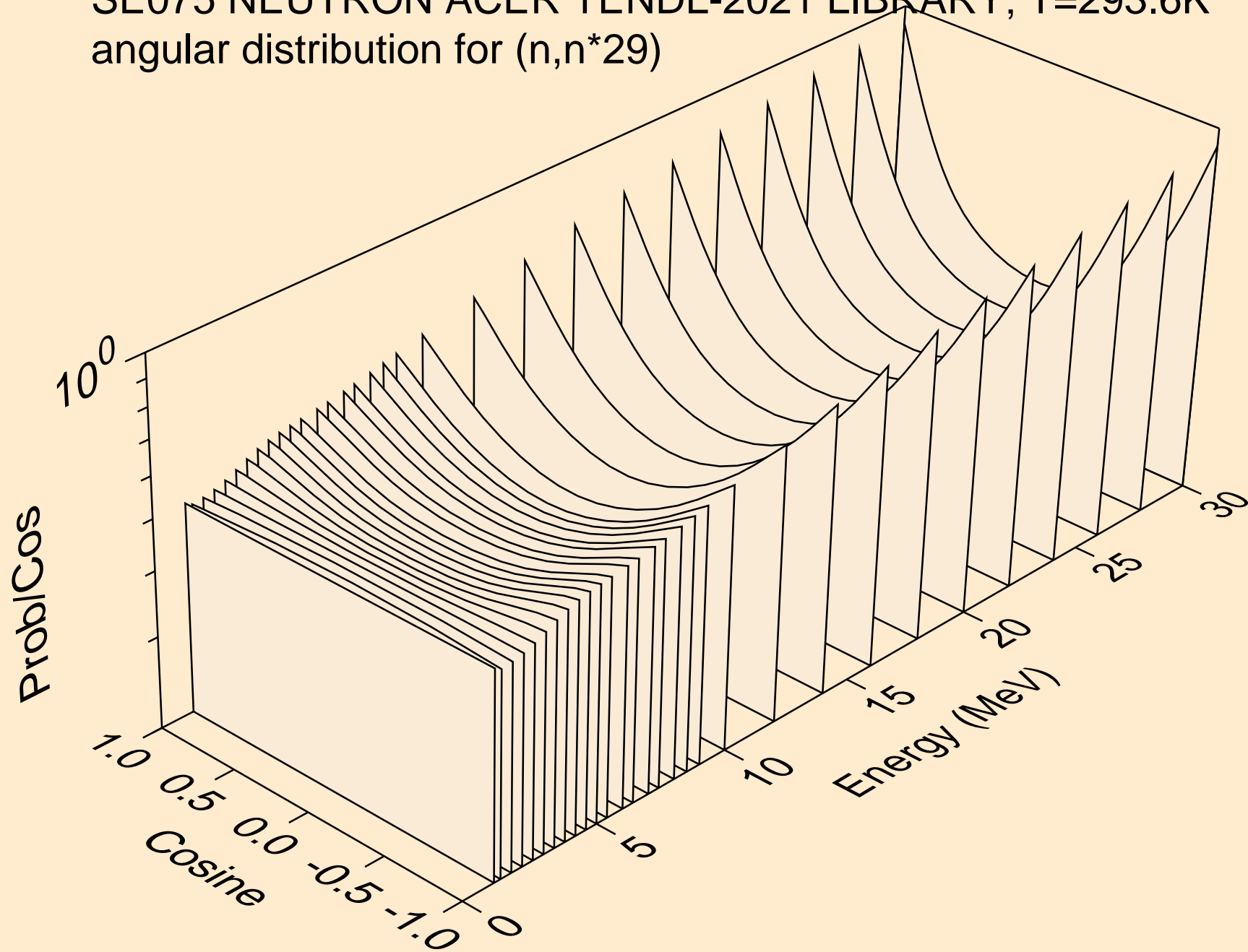
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



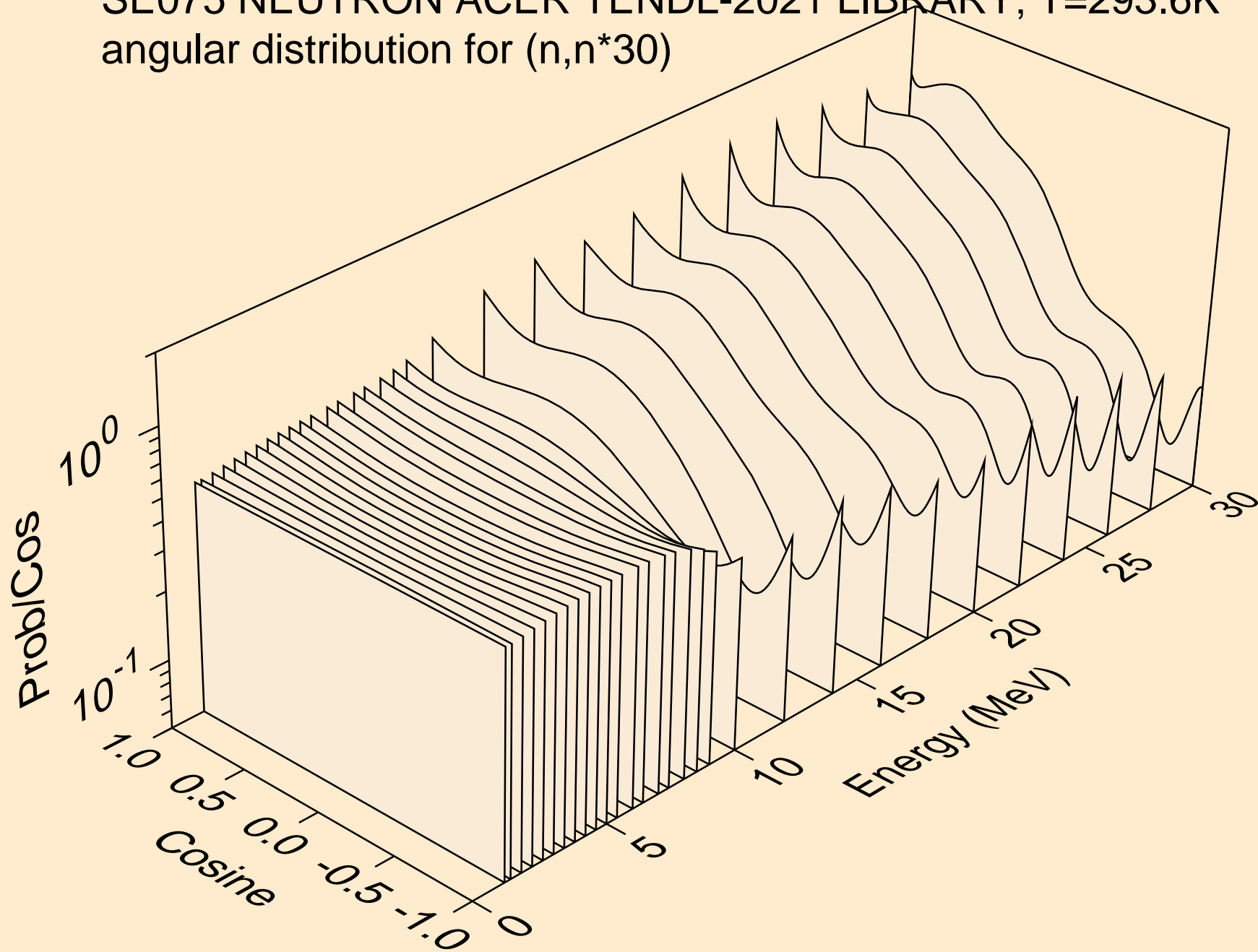
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



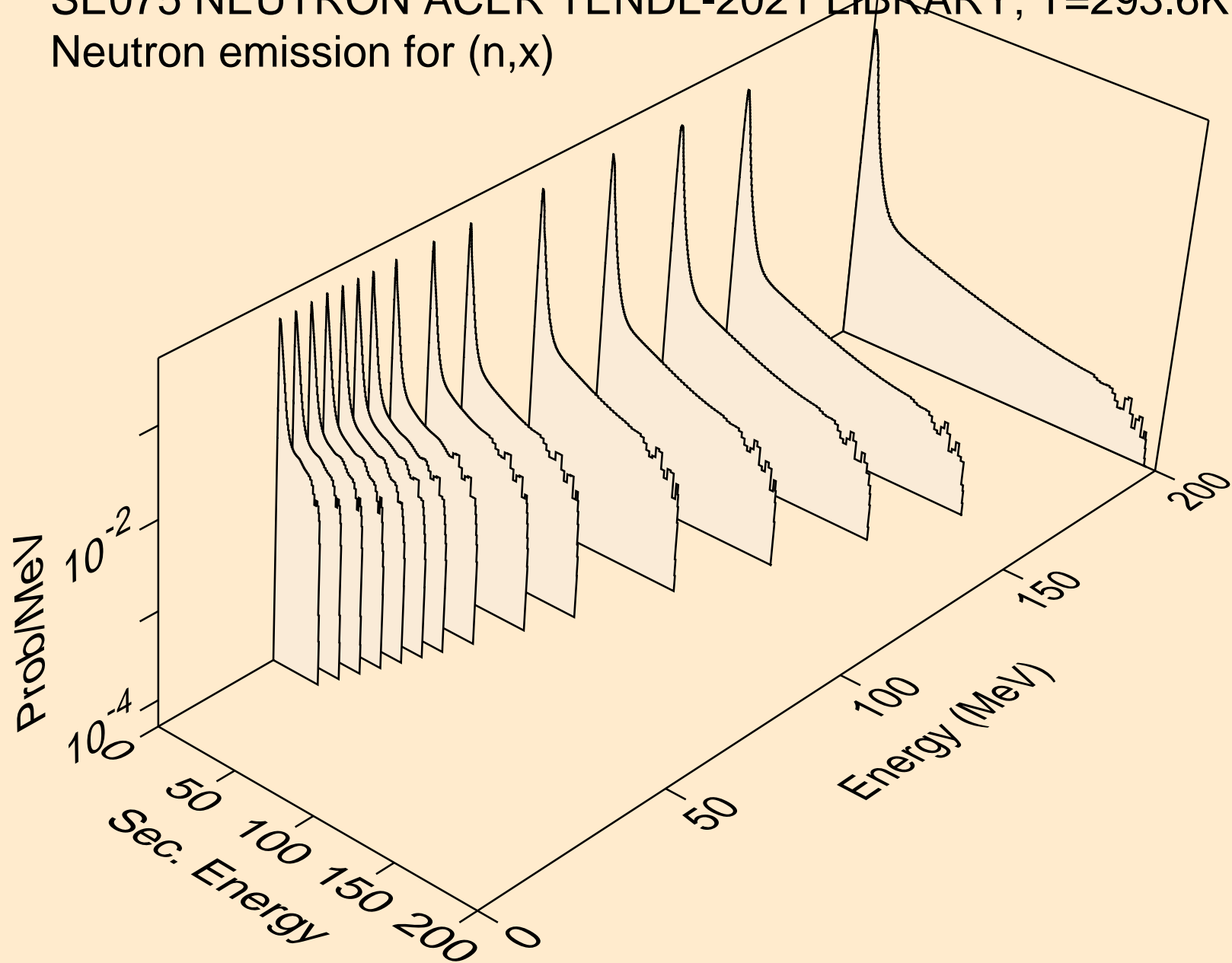
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



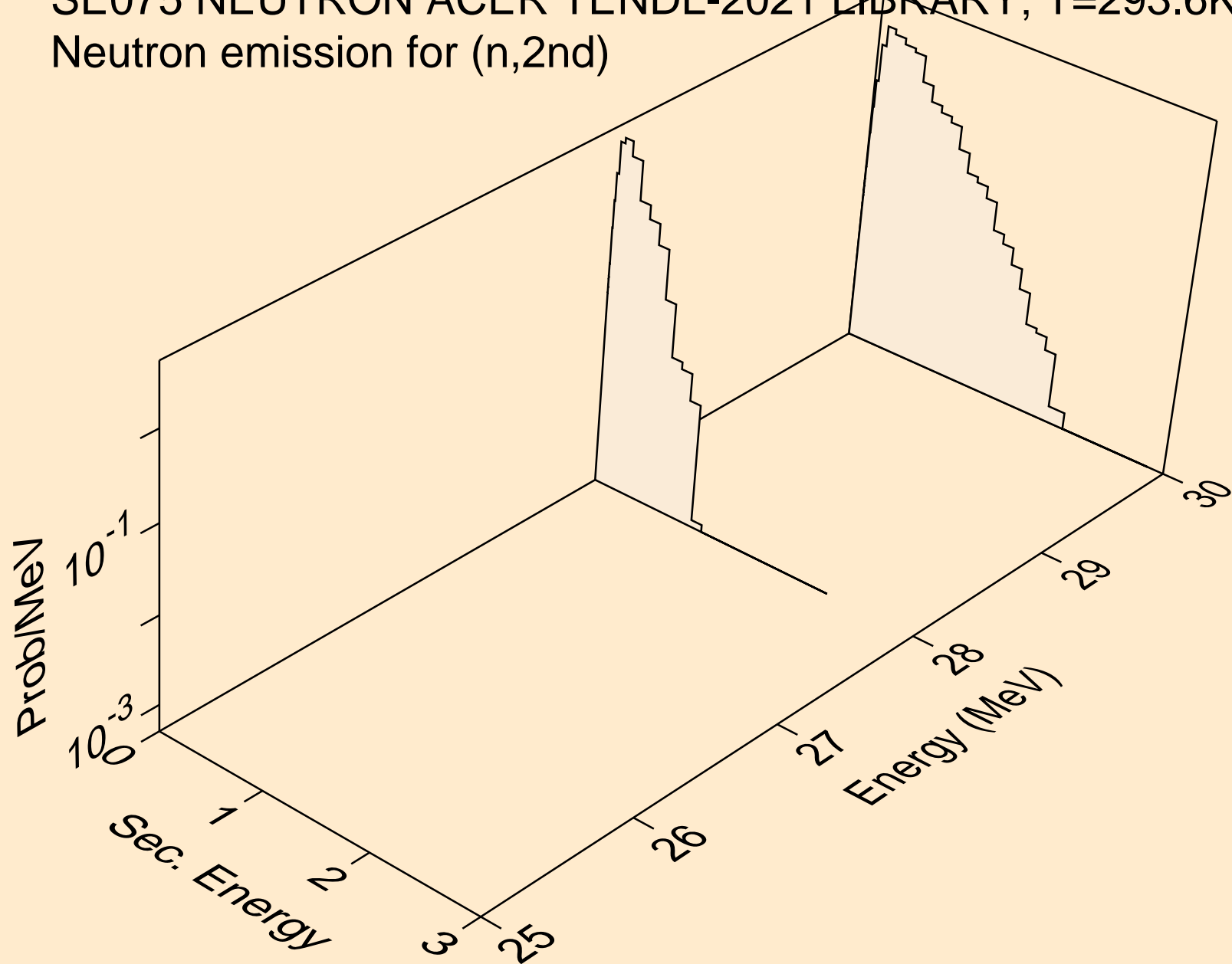
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angular distribution for (n,n\*30)



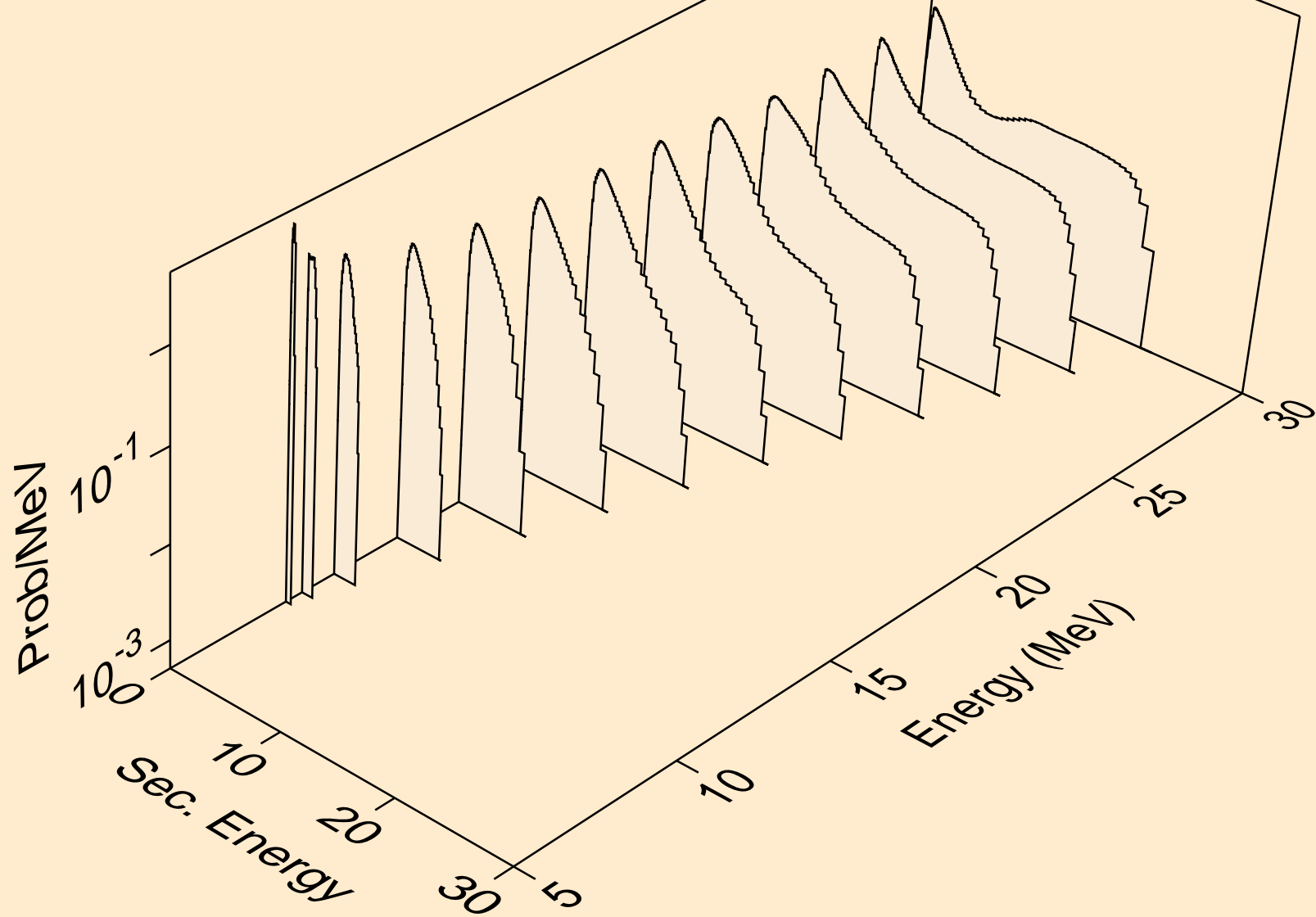
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

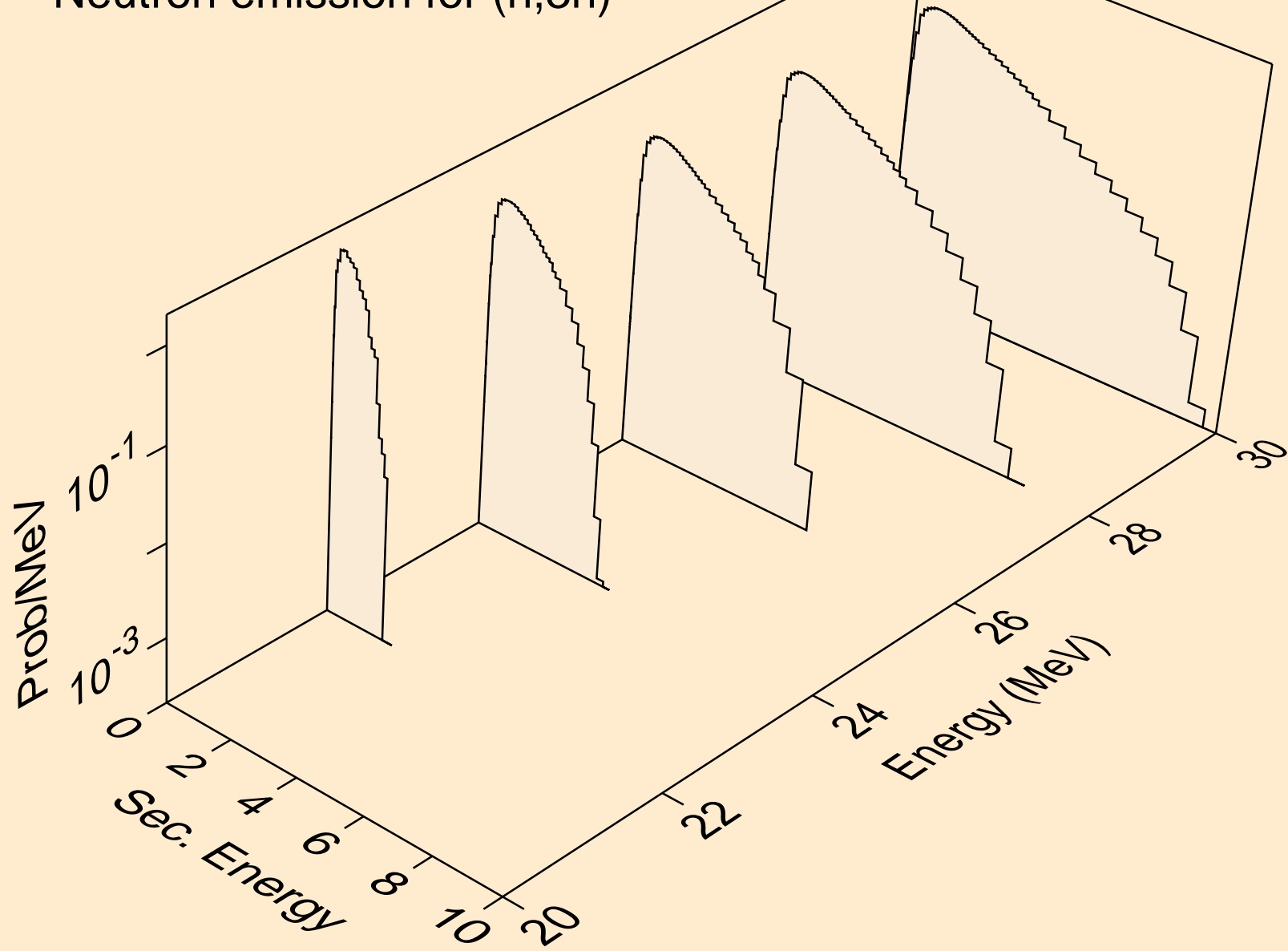


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

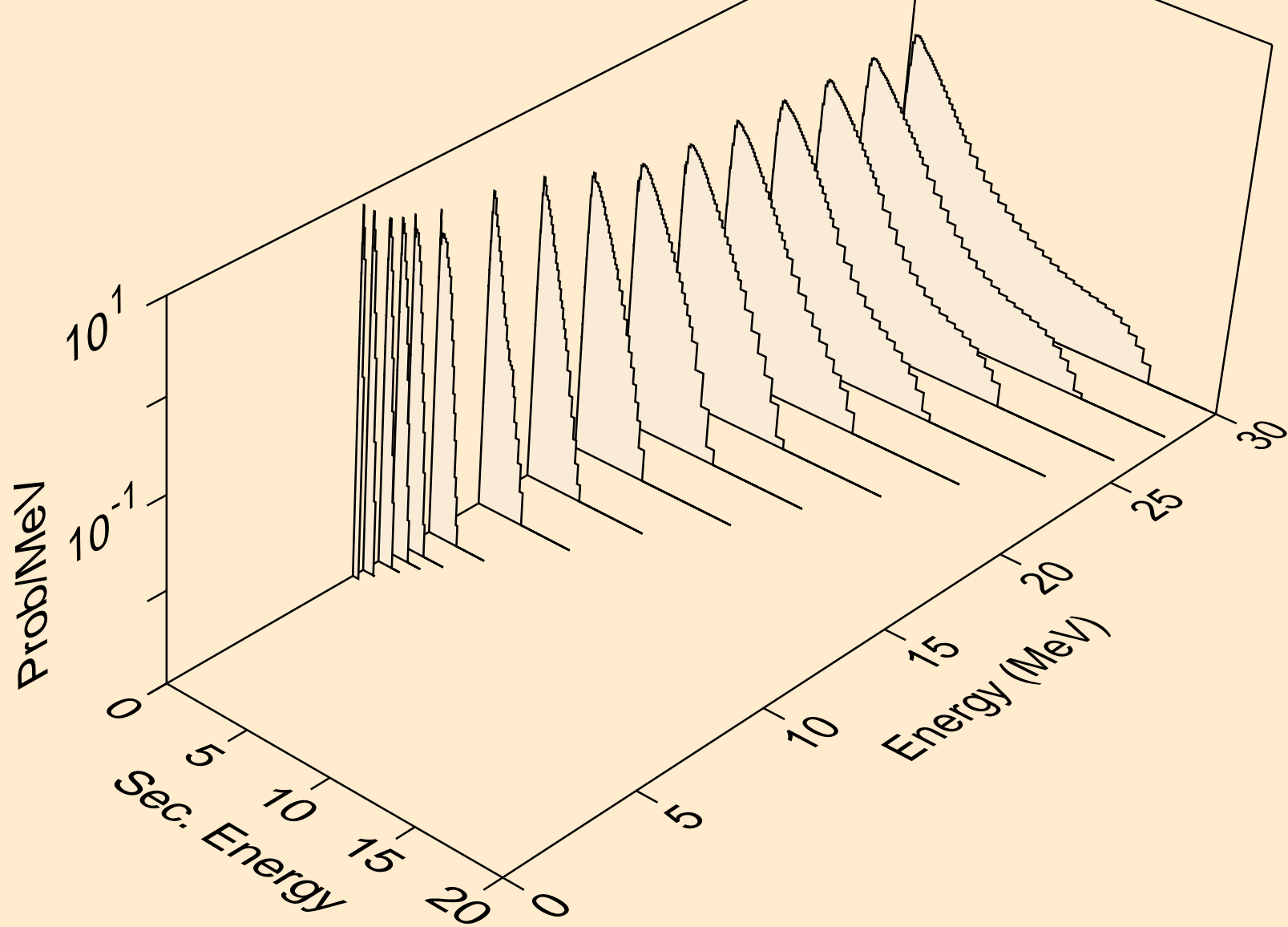




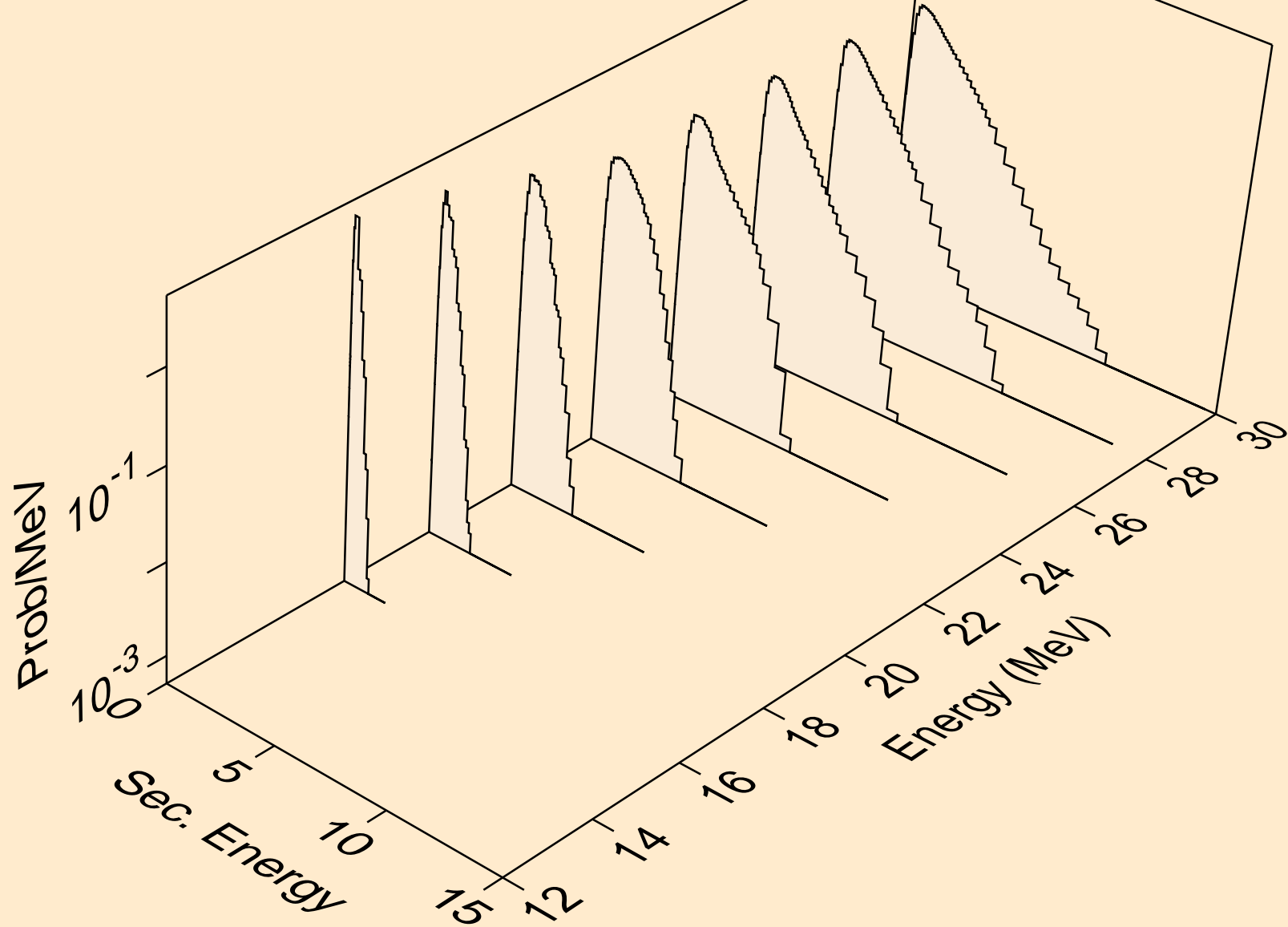
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



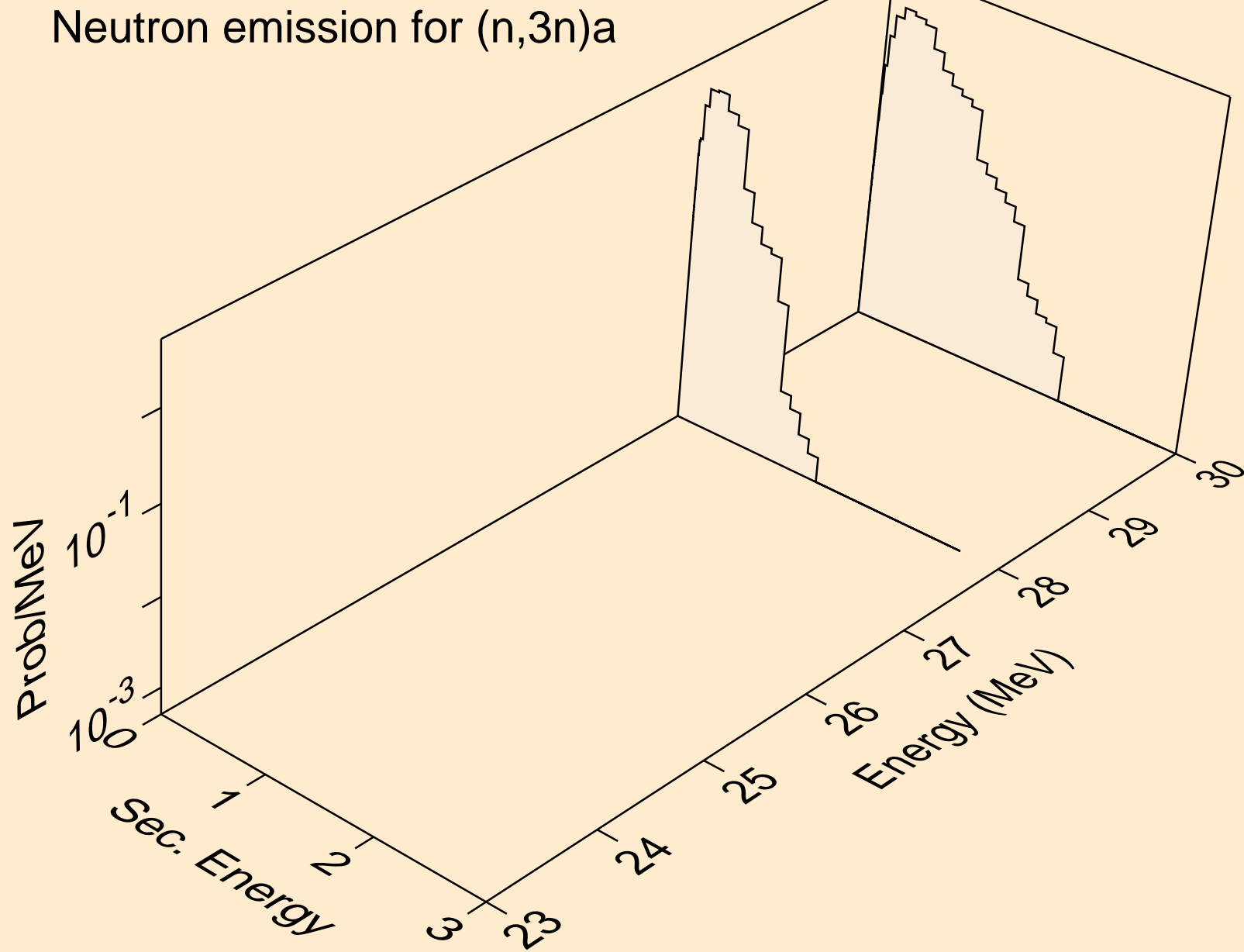
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



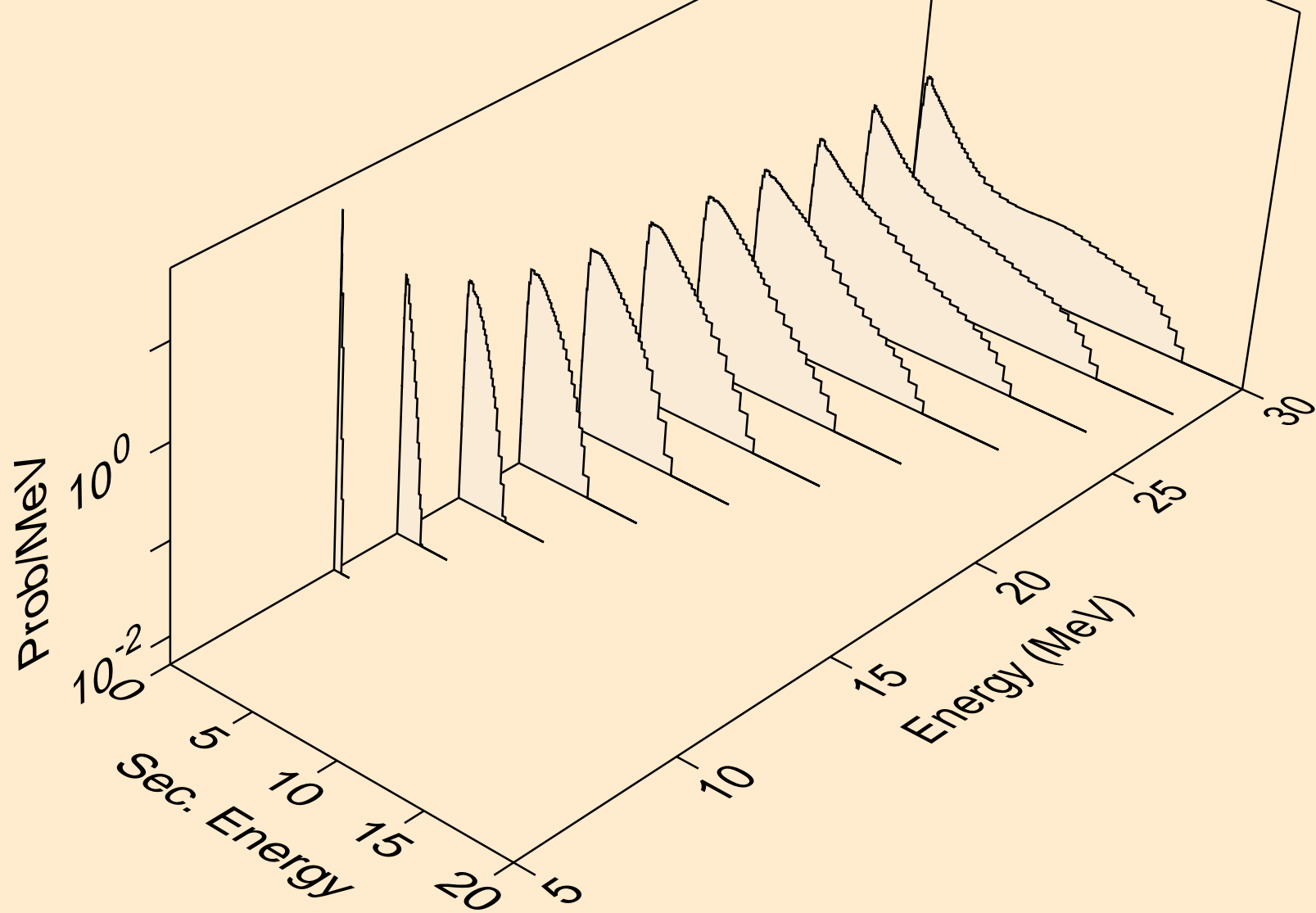
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



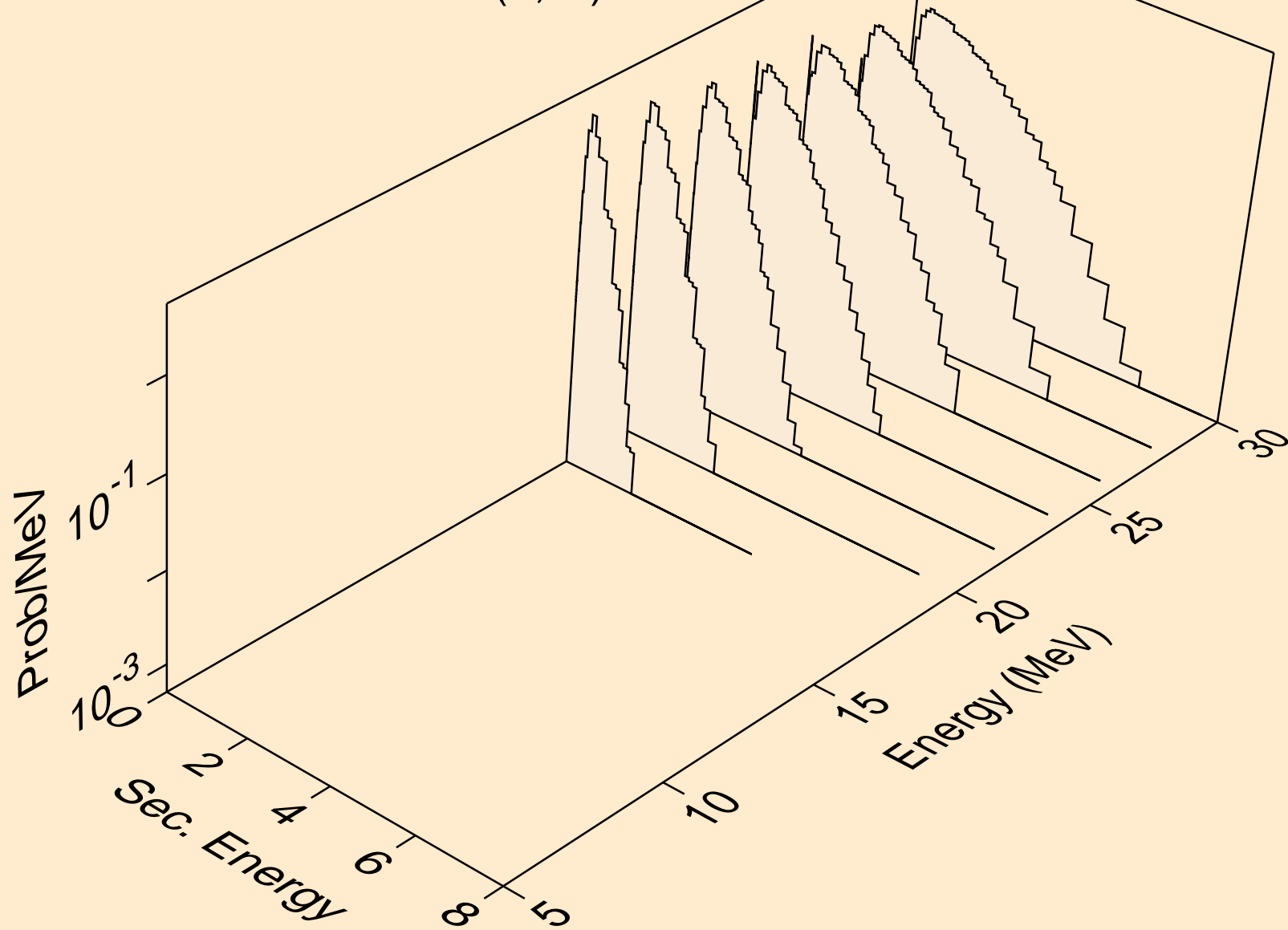
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



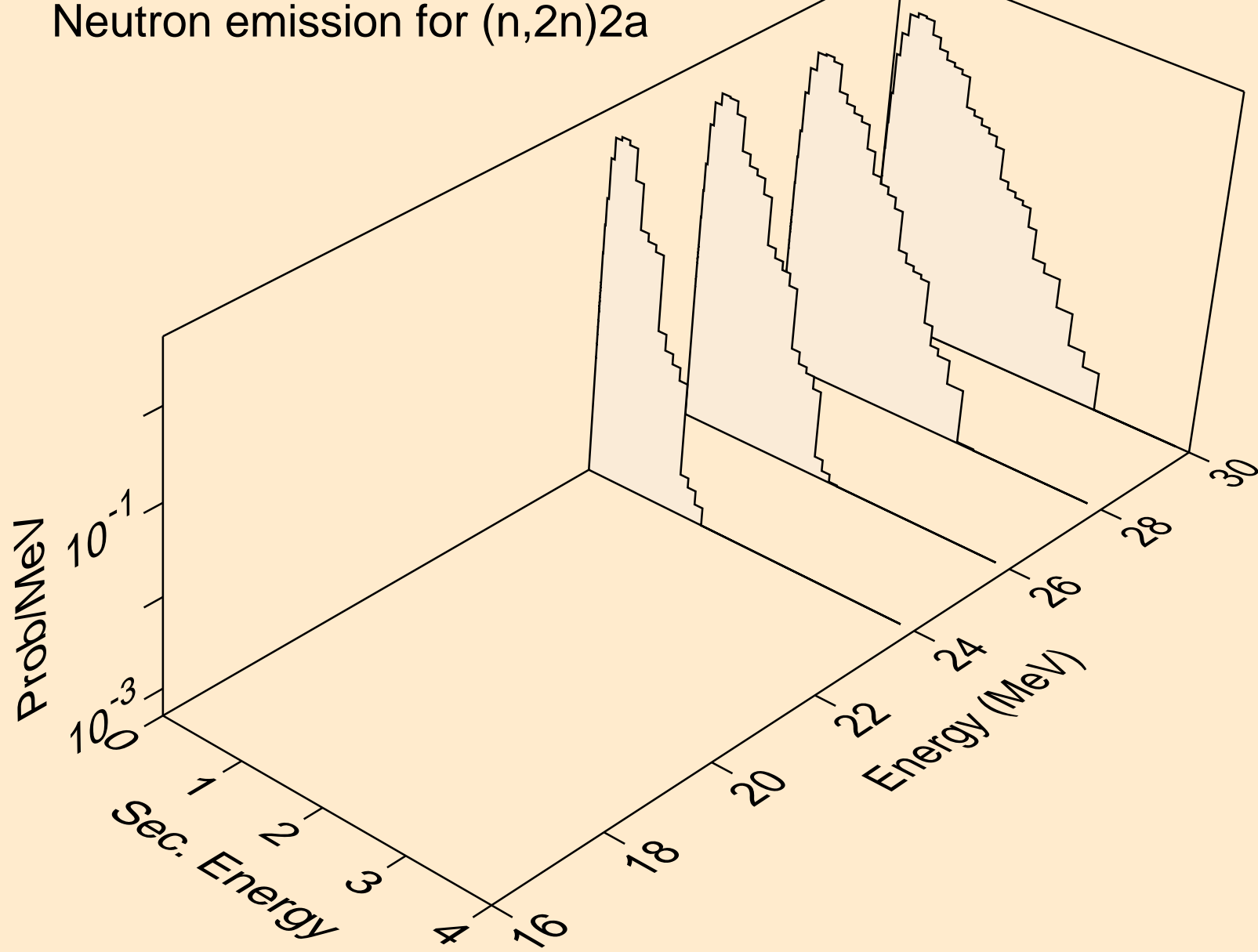
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



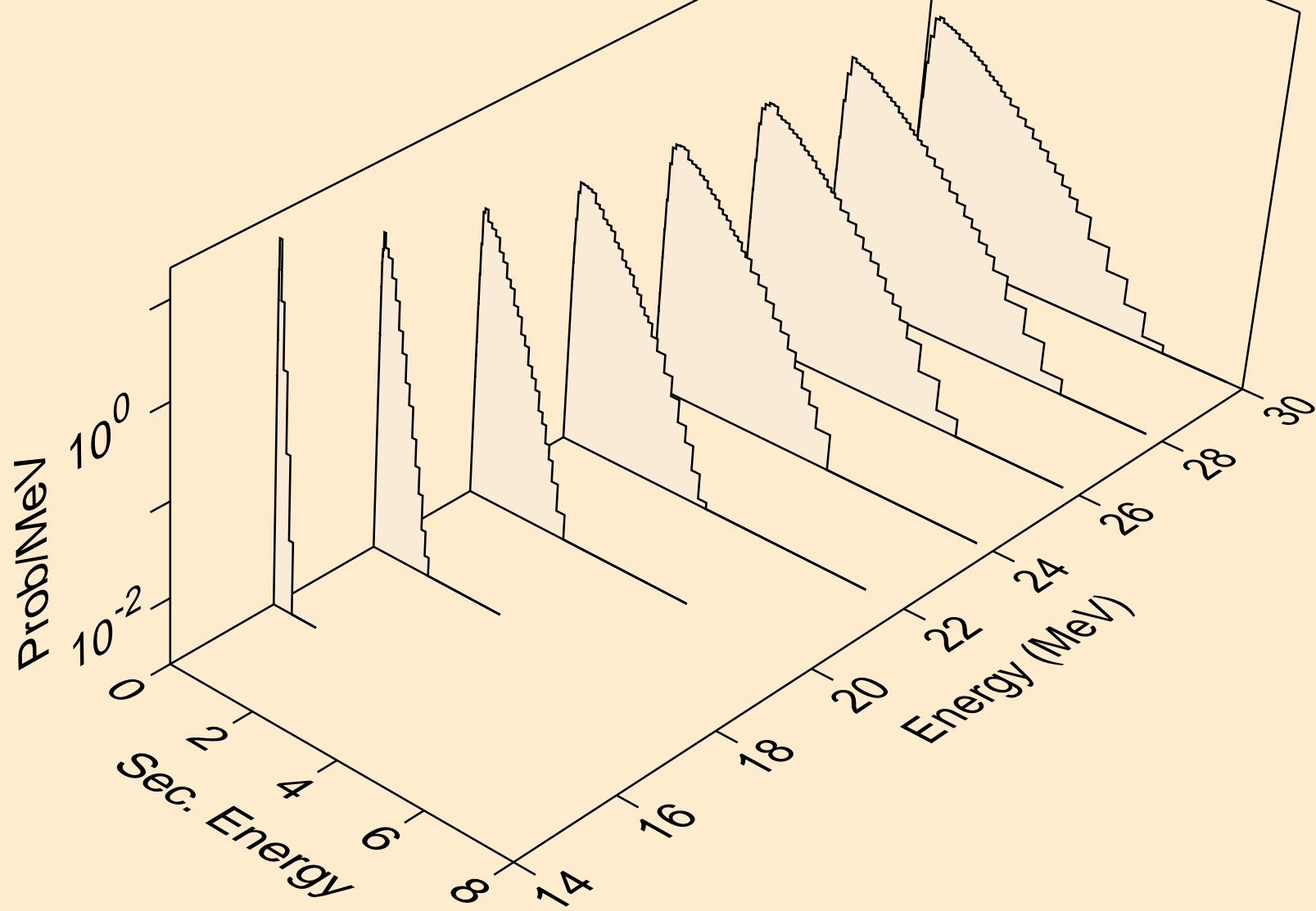
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

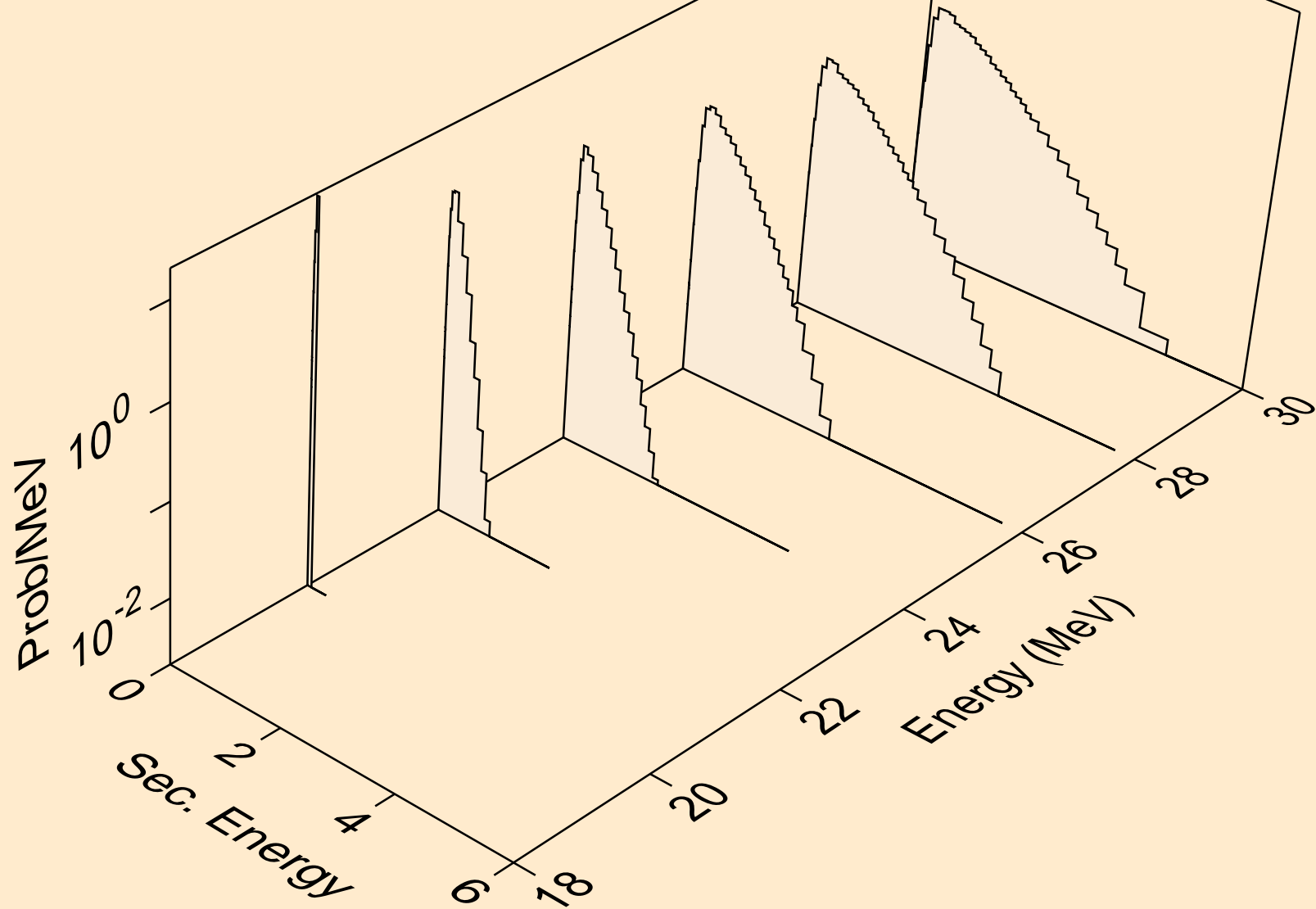


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

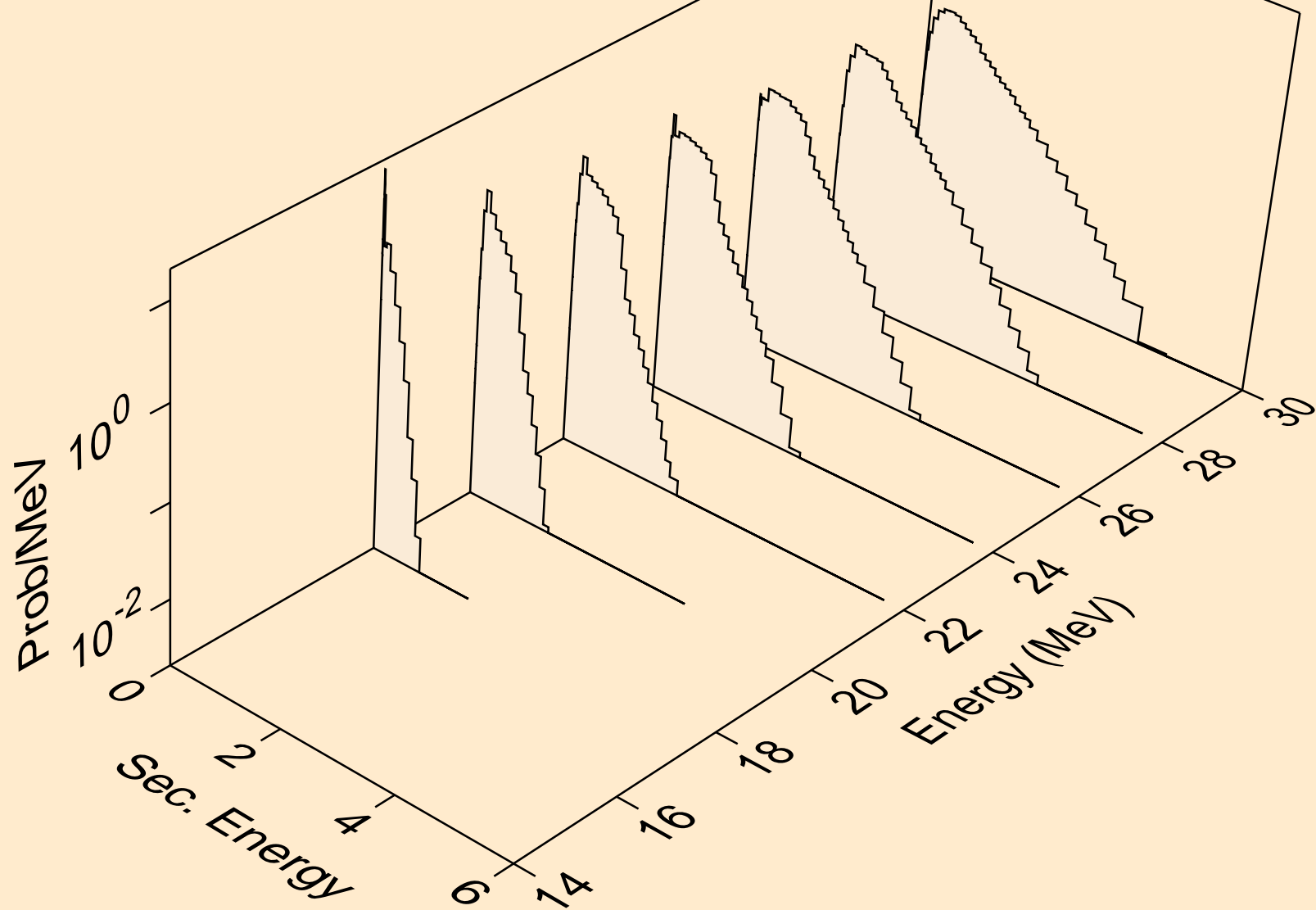




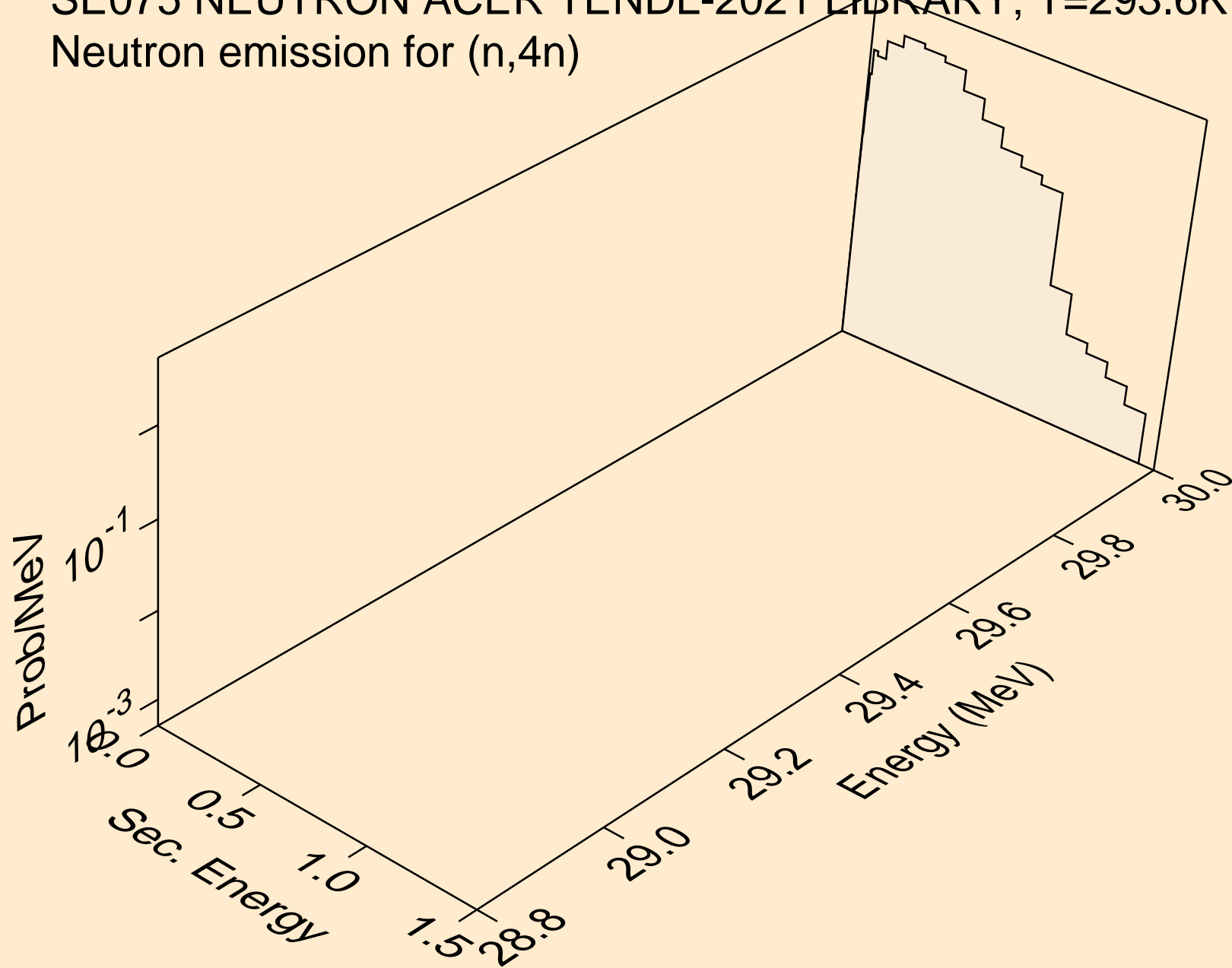
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



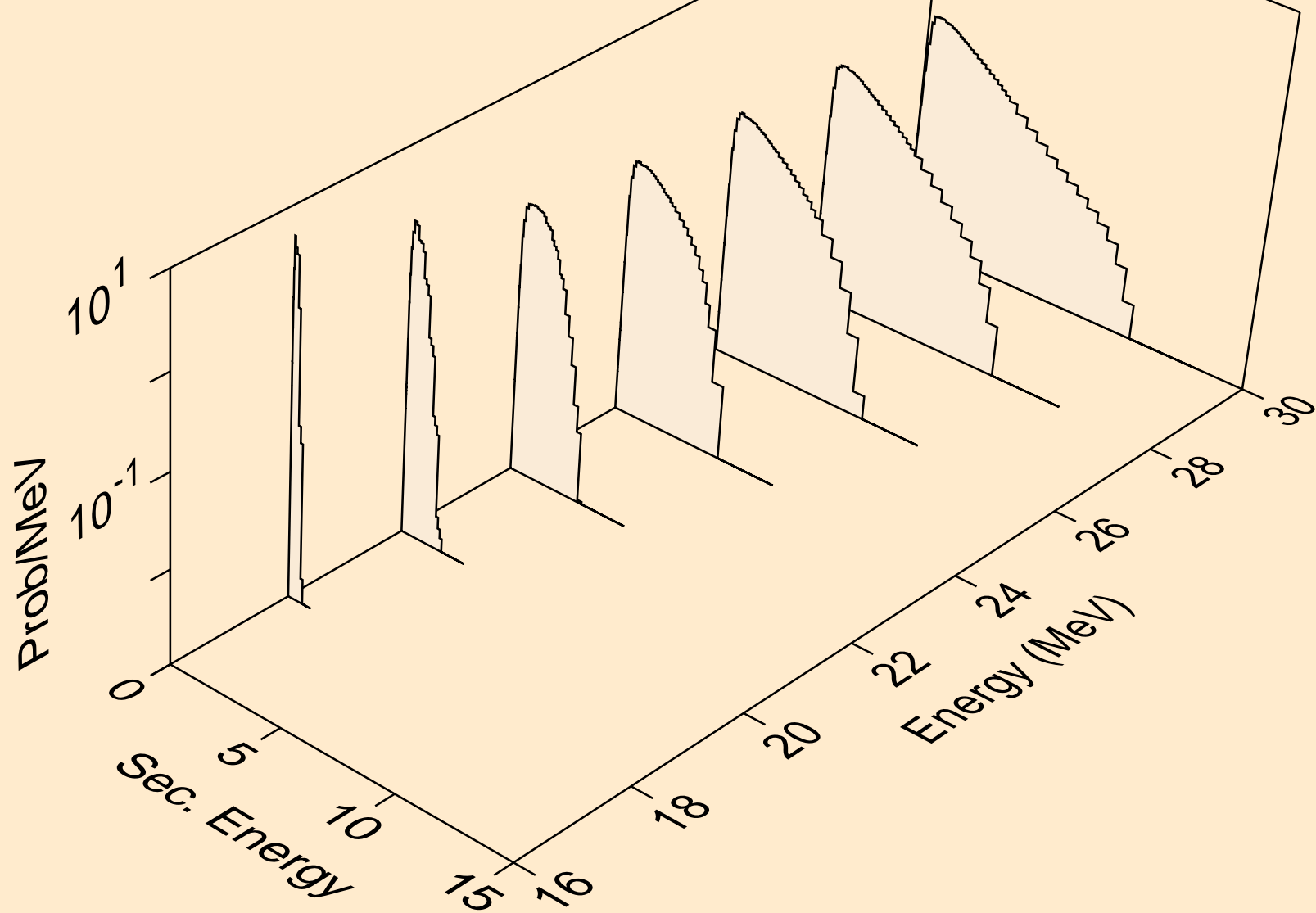
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



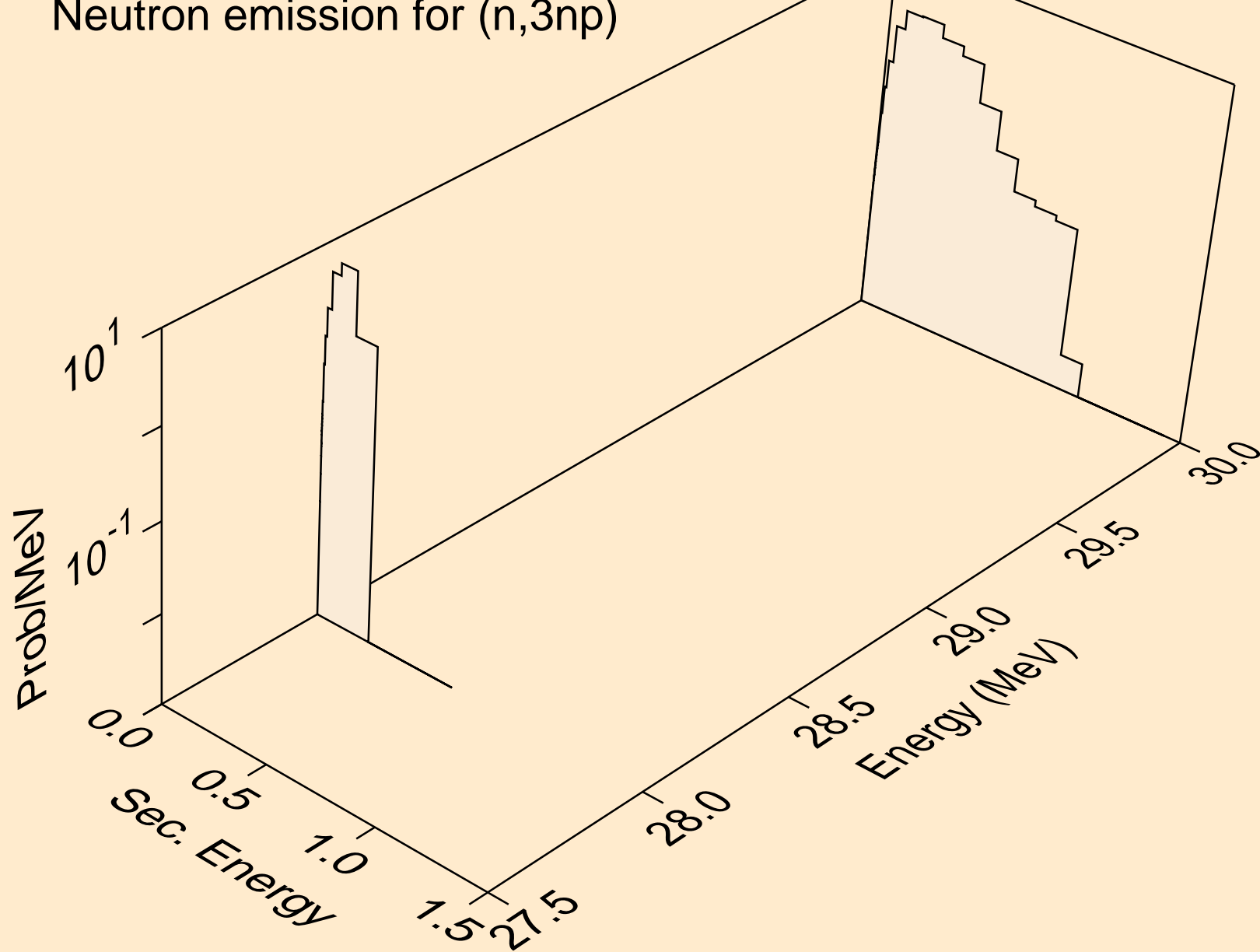
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



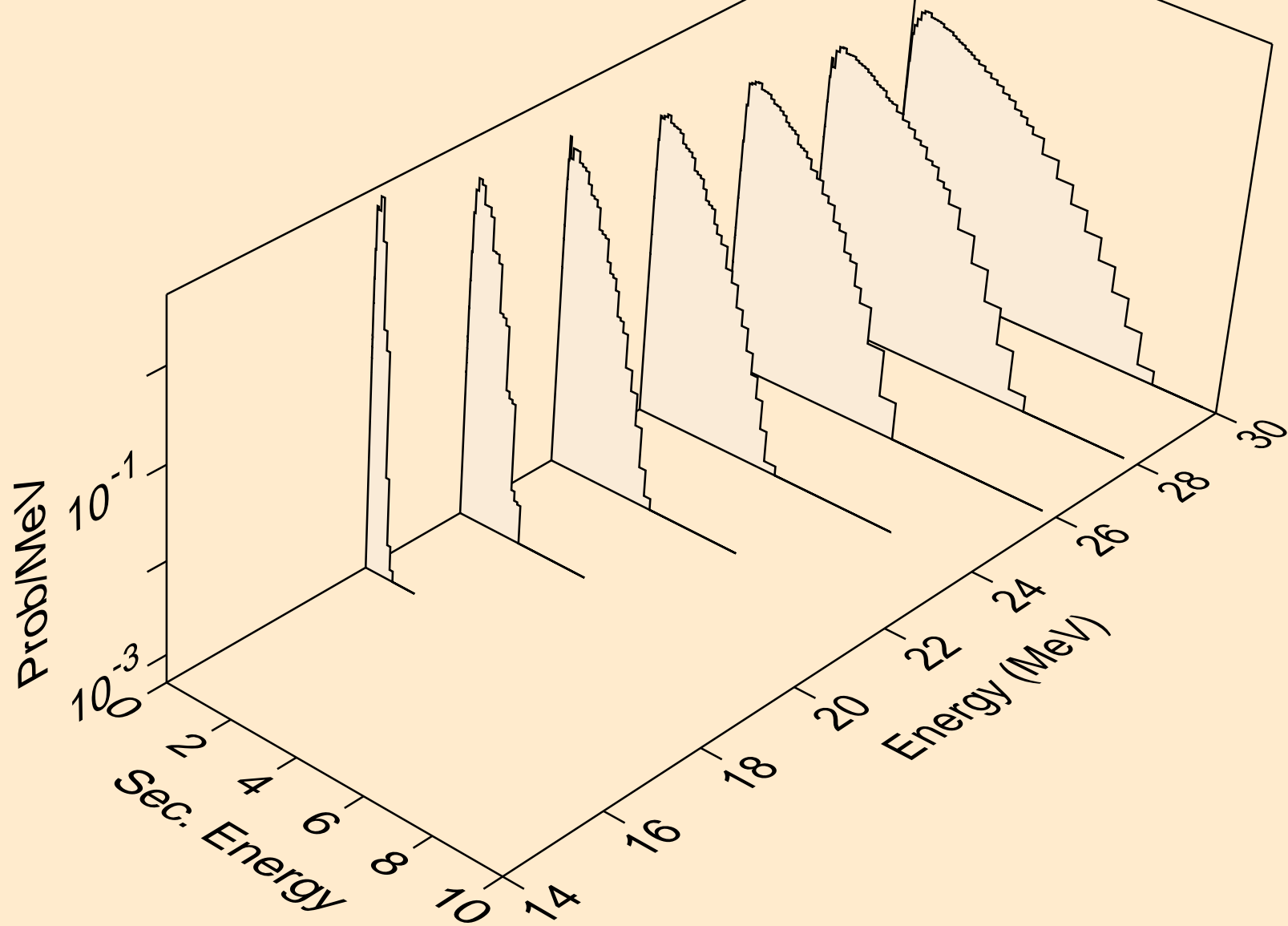
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



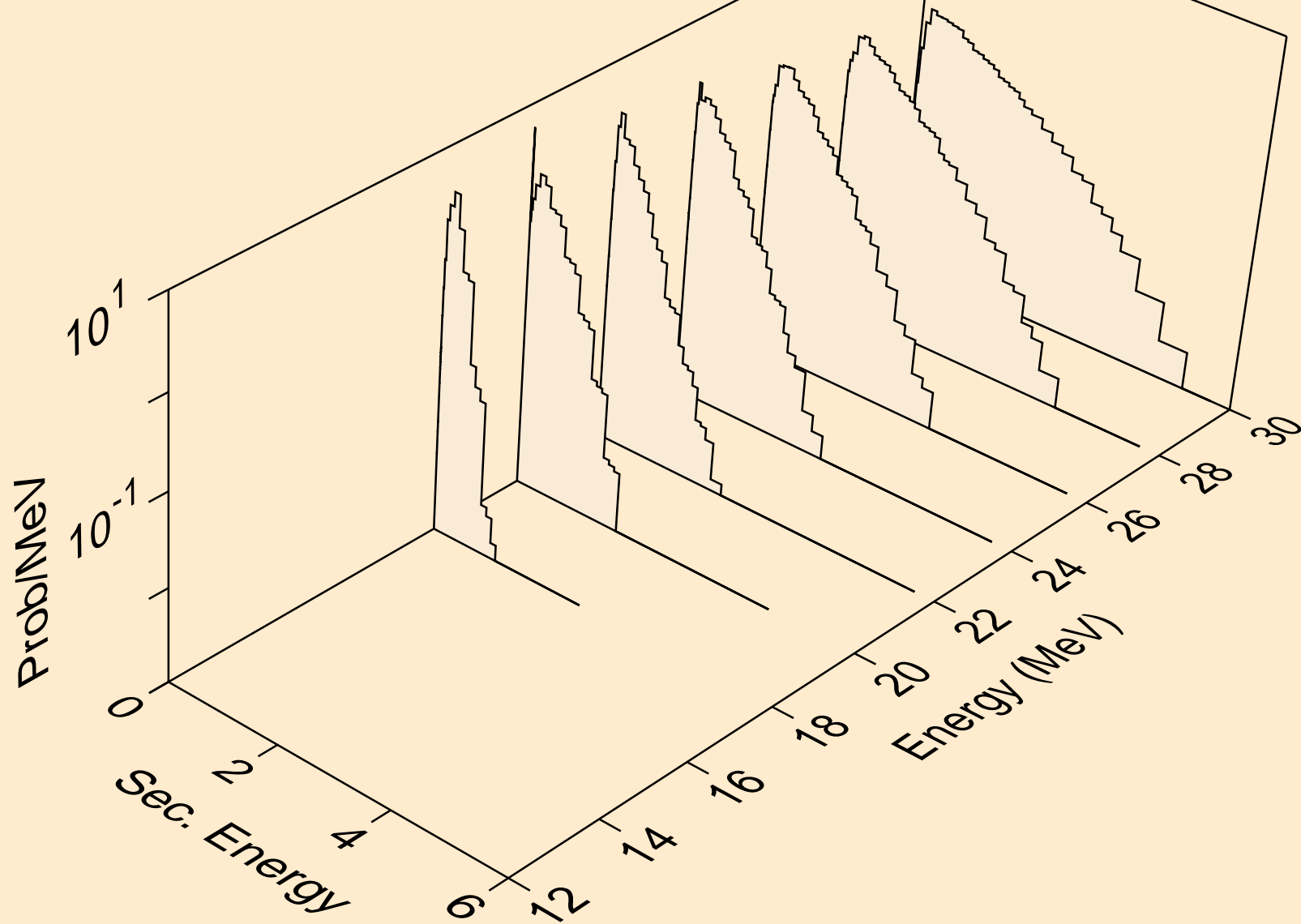
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



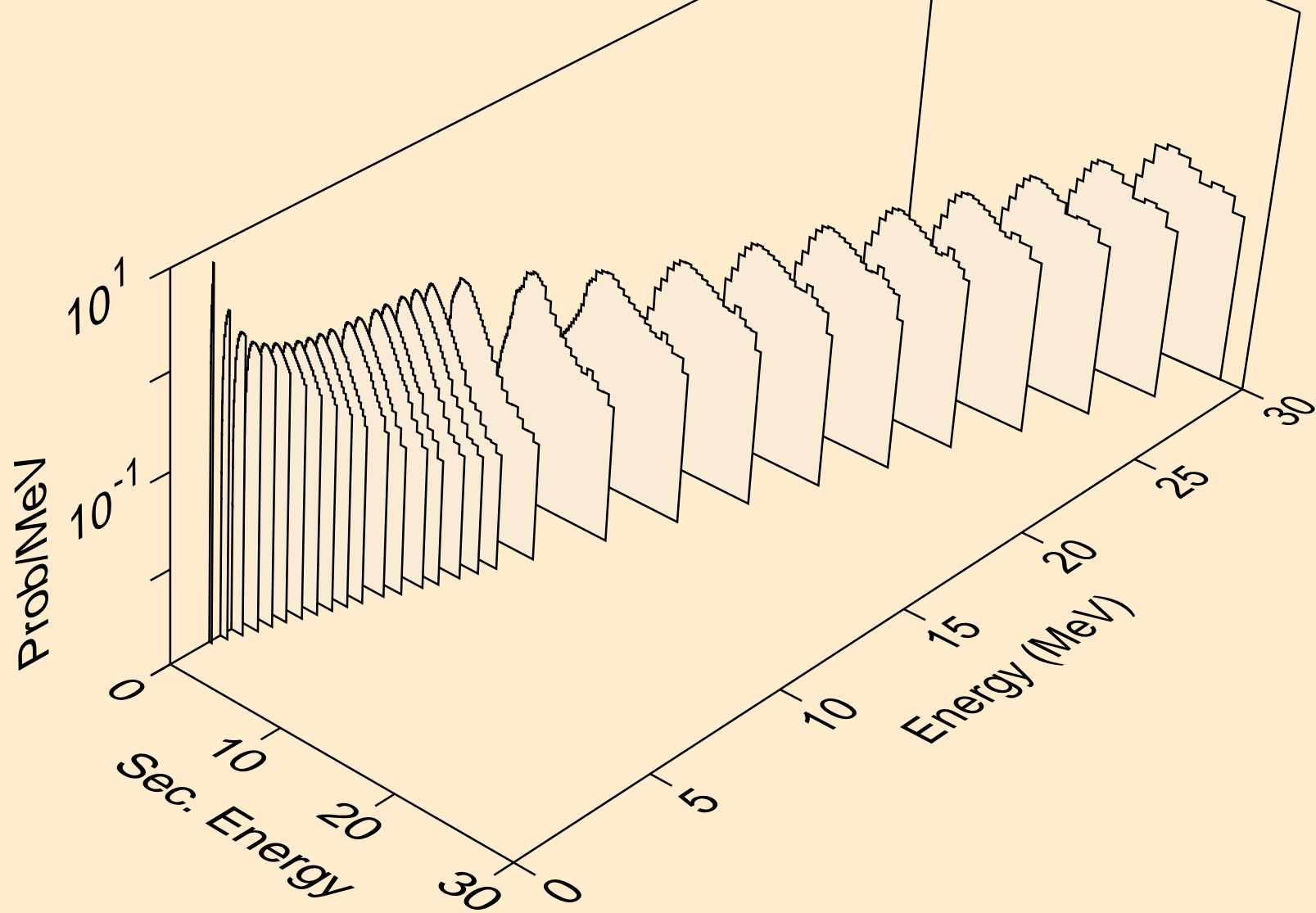
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

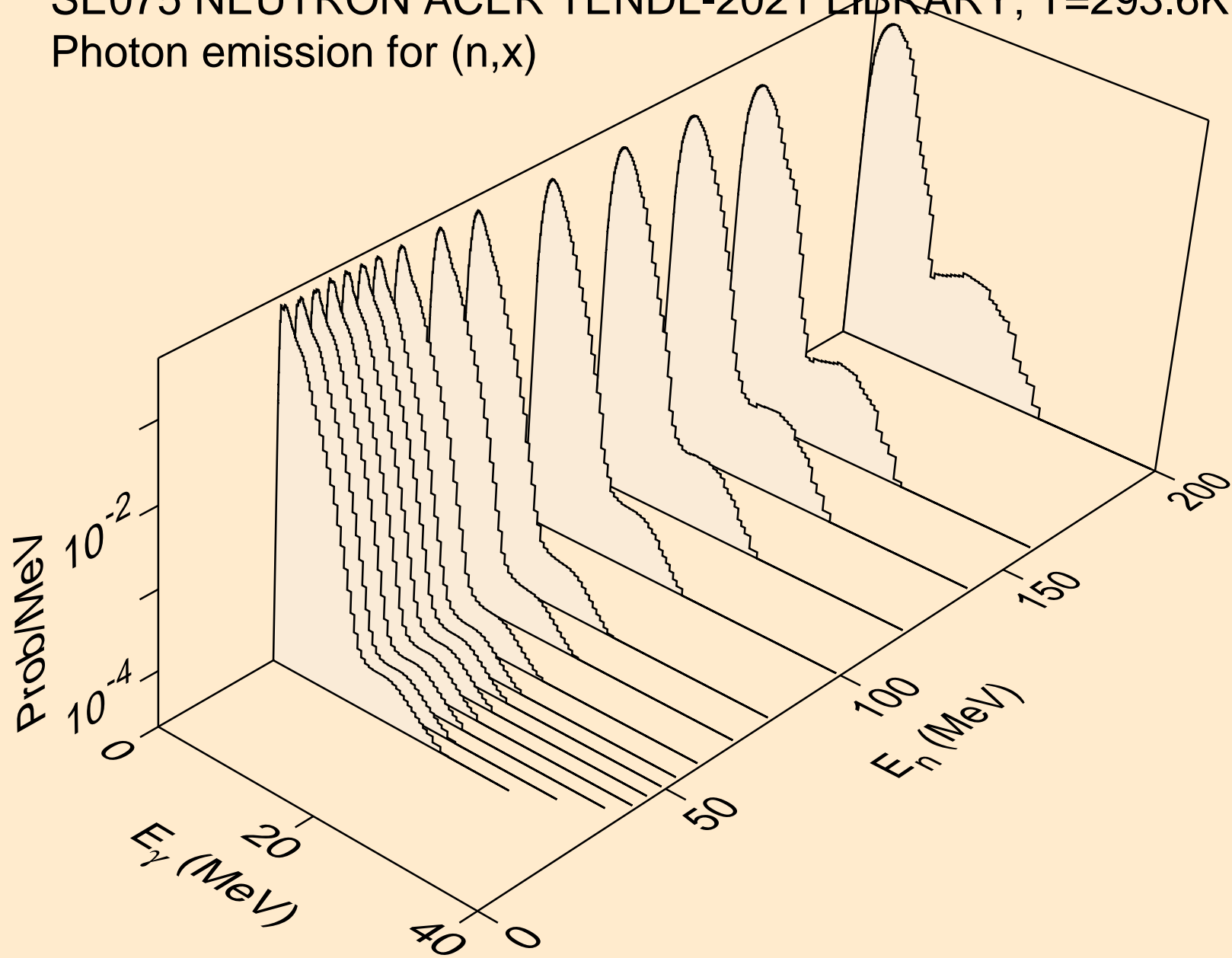


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

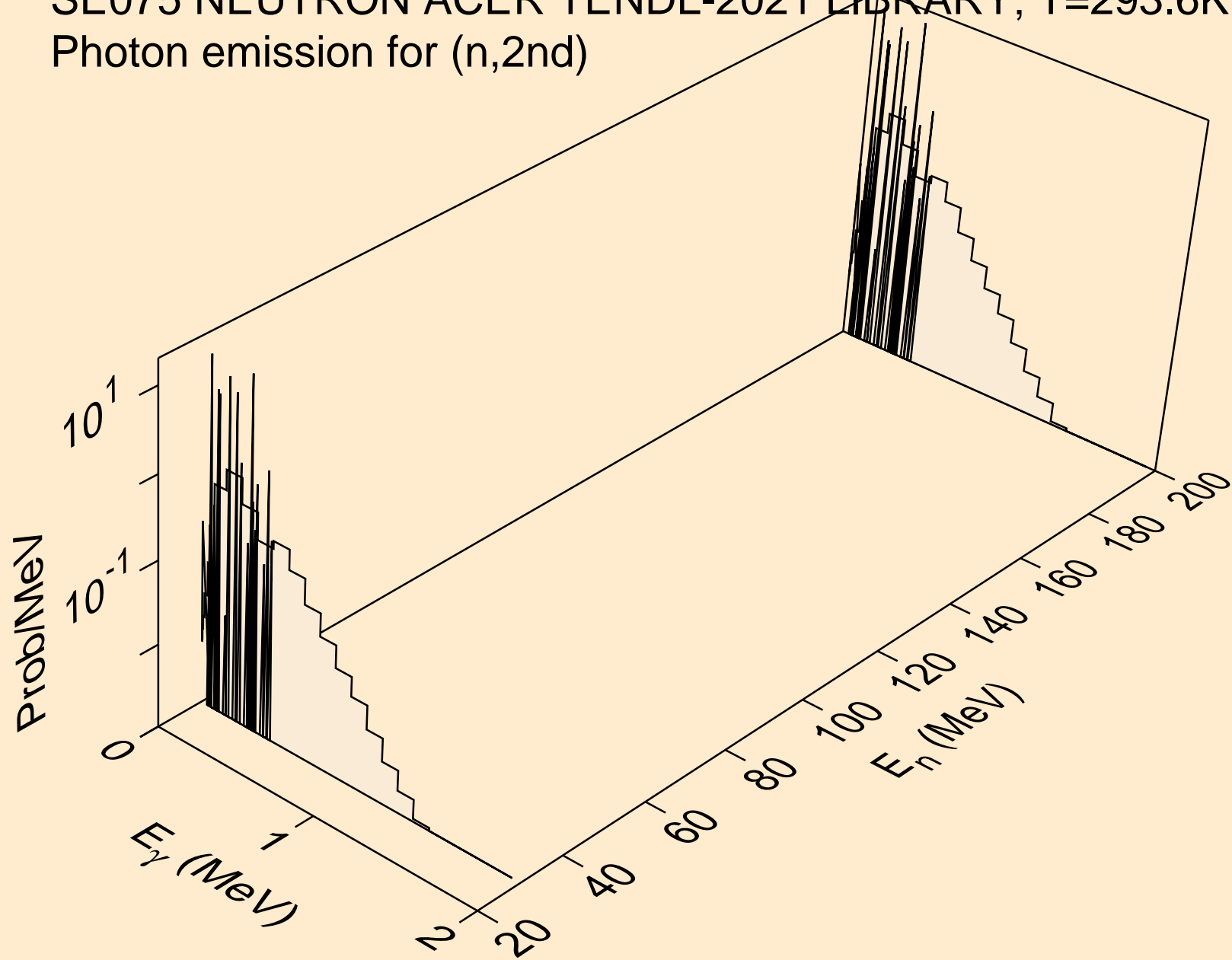




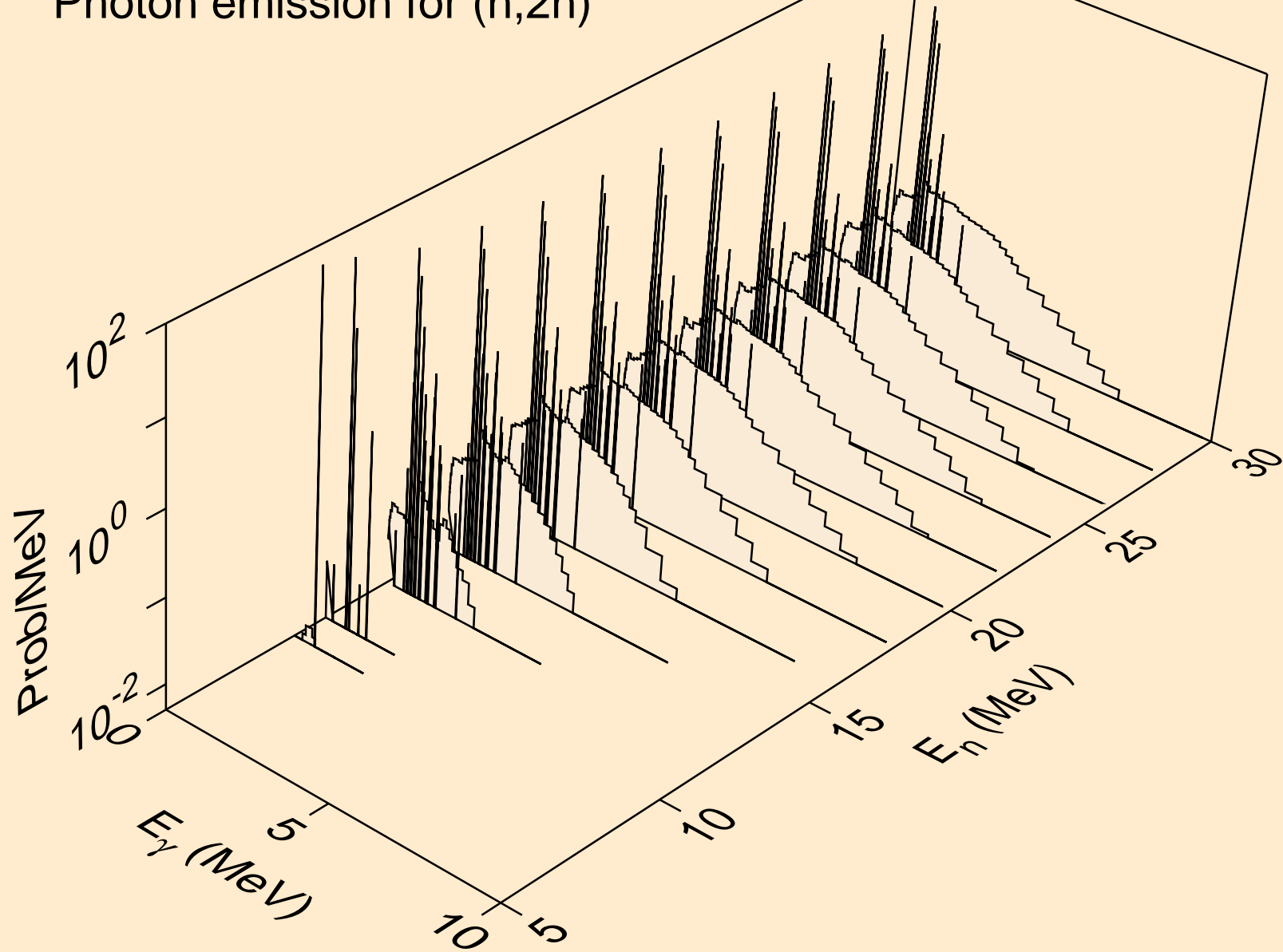
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



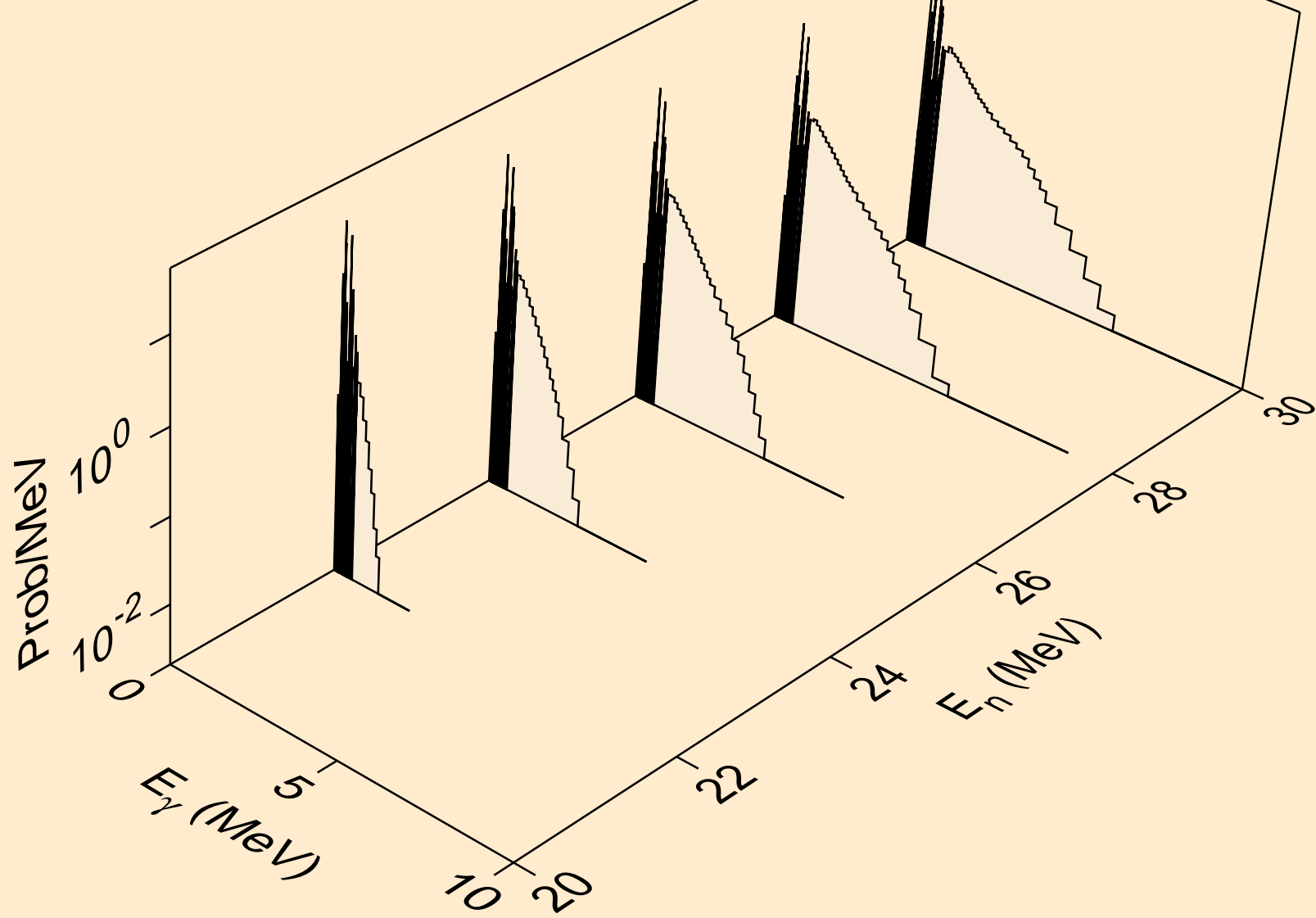
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Photon emission for (n,2nd)



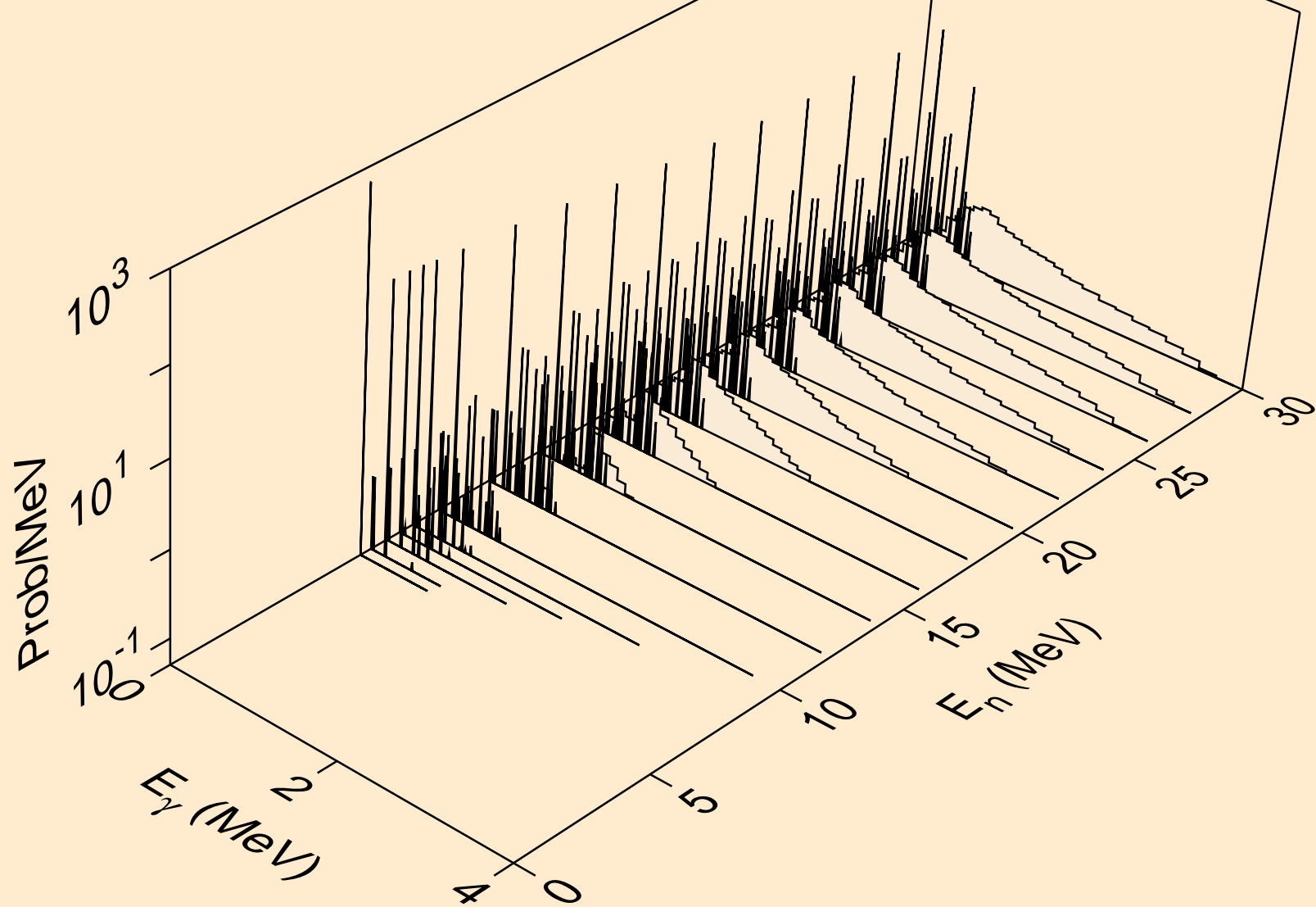
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Photon emission for (n,2n)



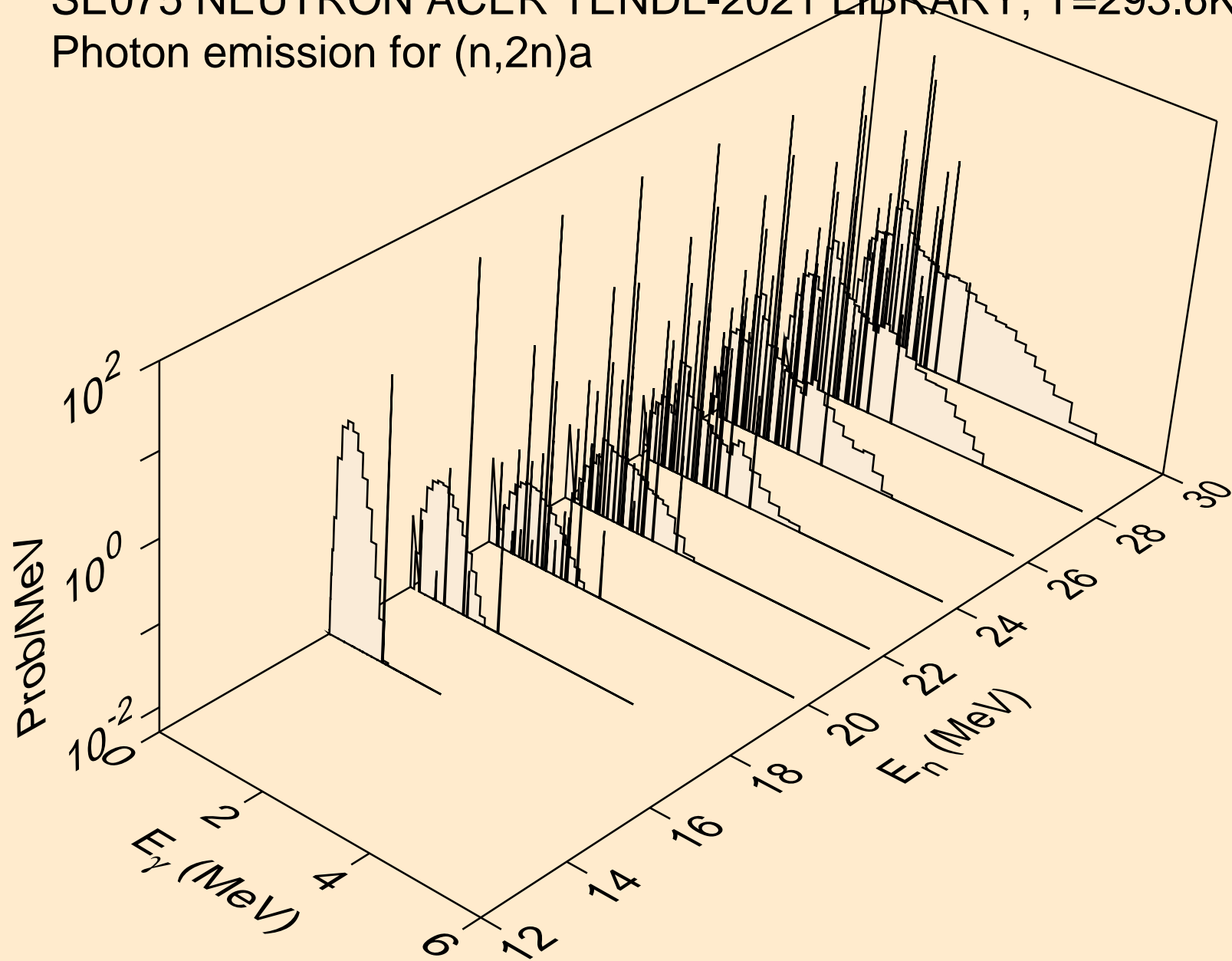
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Photon emission for (n,3n)



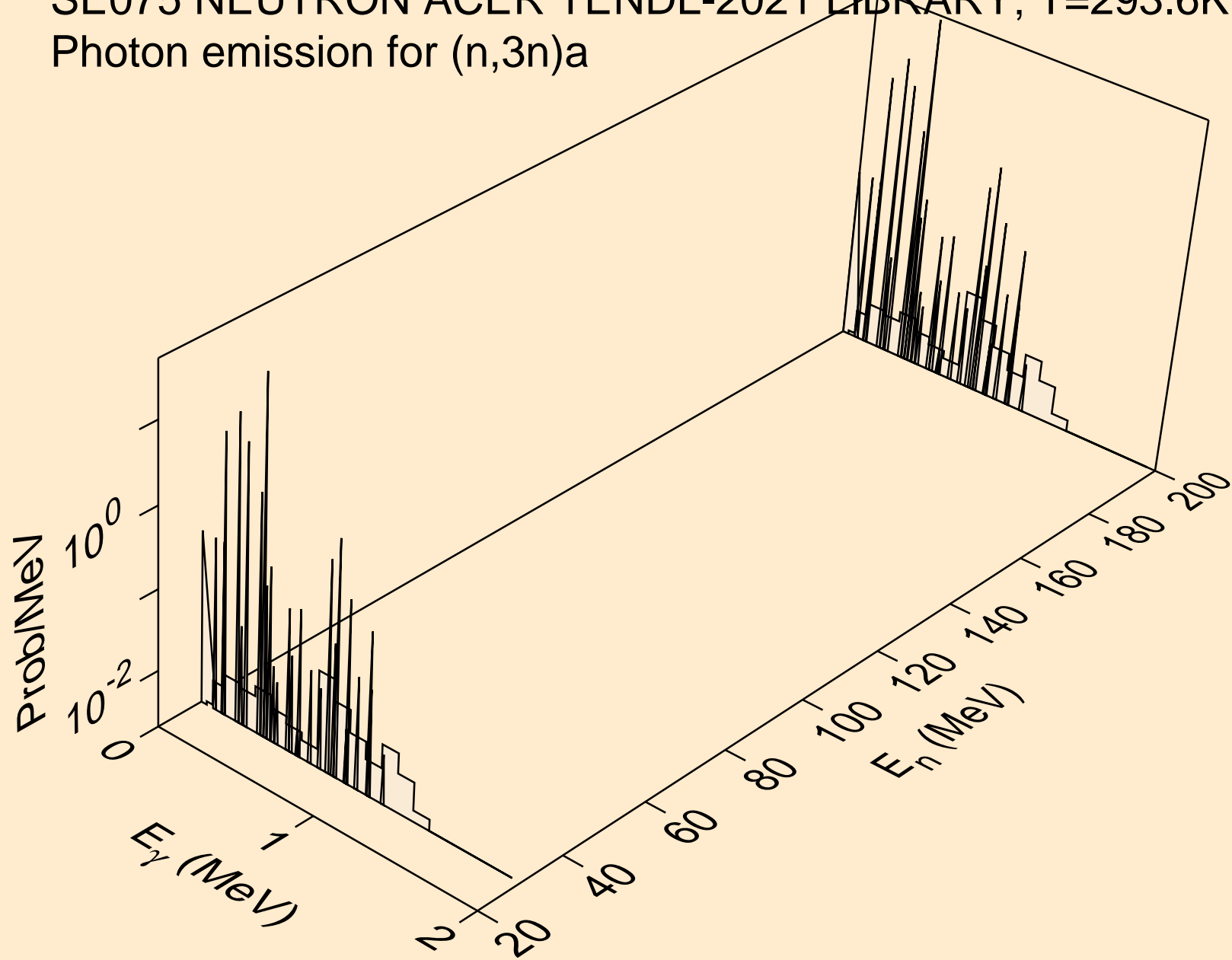
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Photon emission for (n,n\*)a



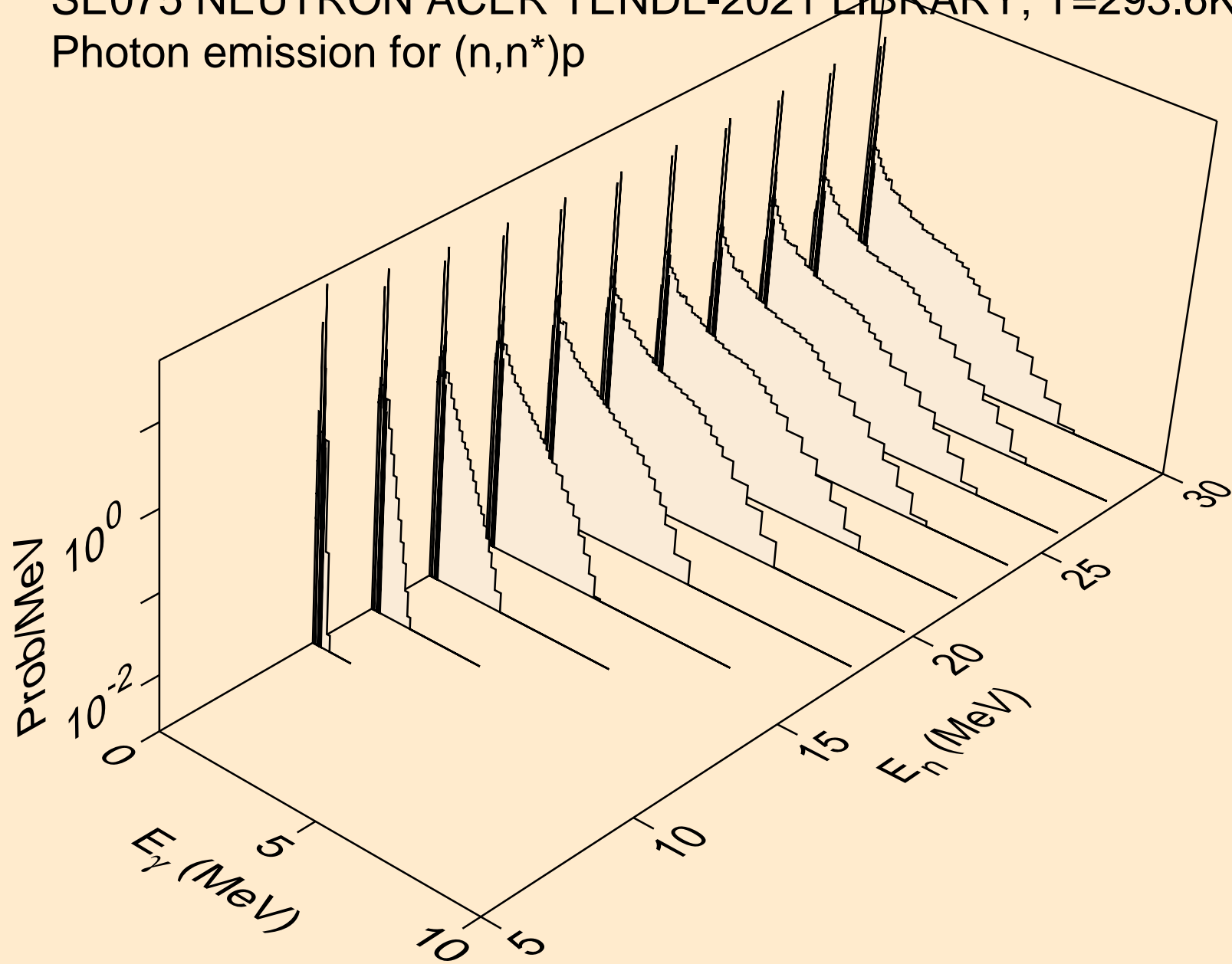
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

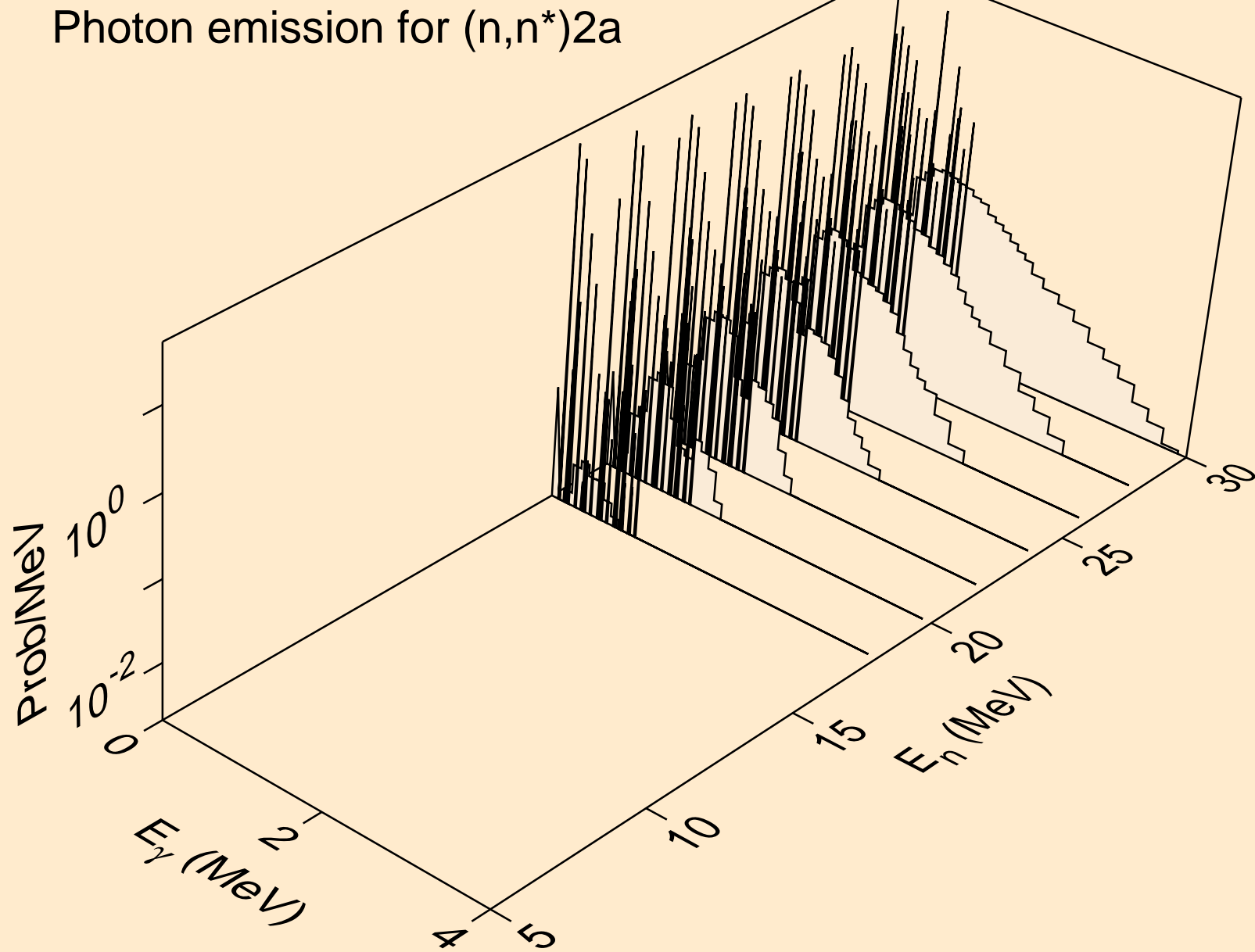


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Photon emission for (n,n\*)p

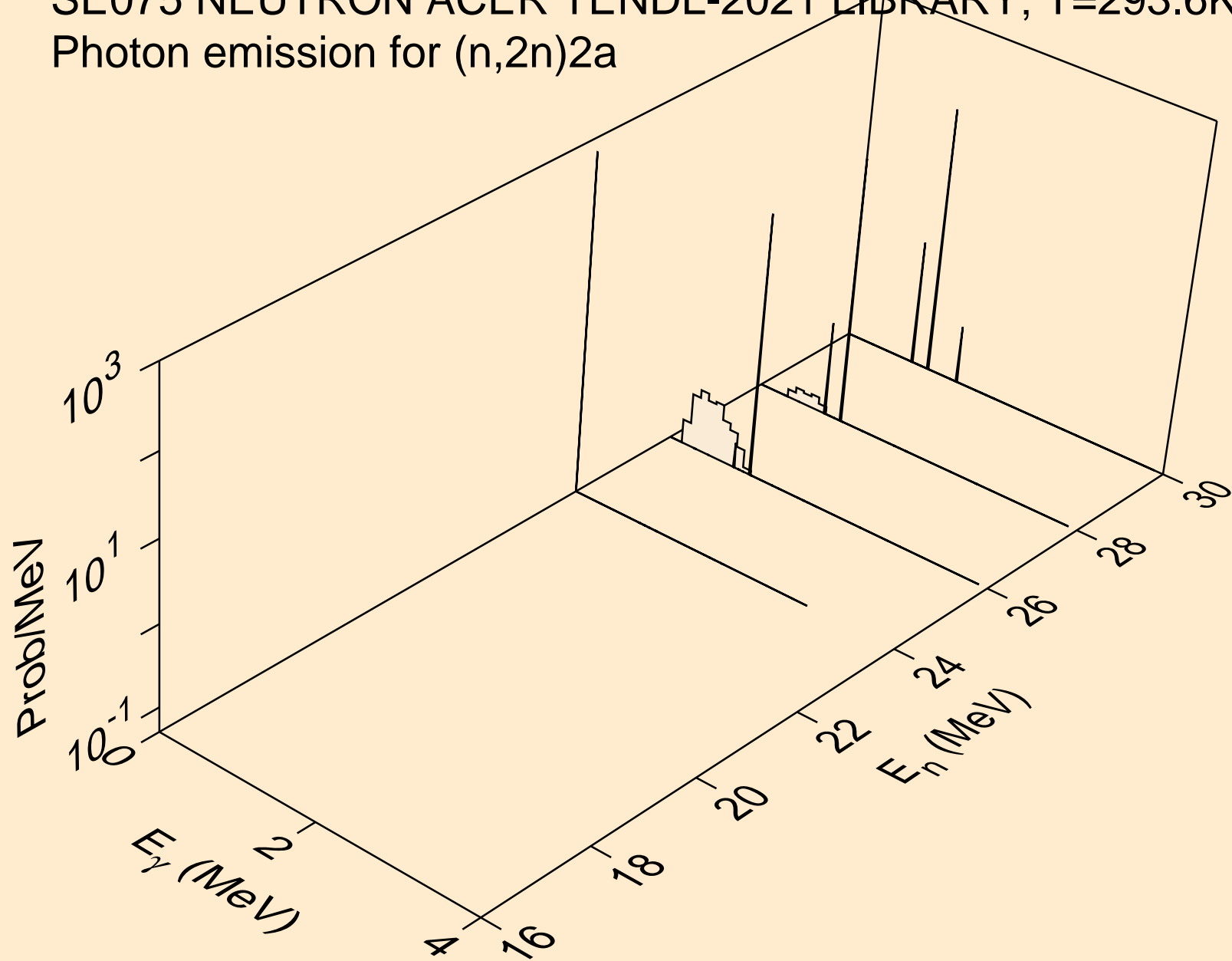




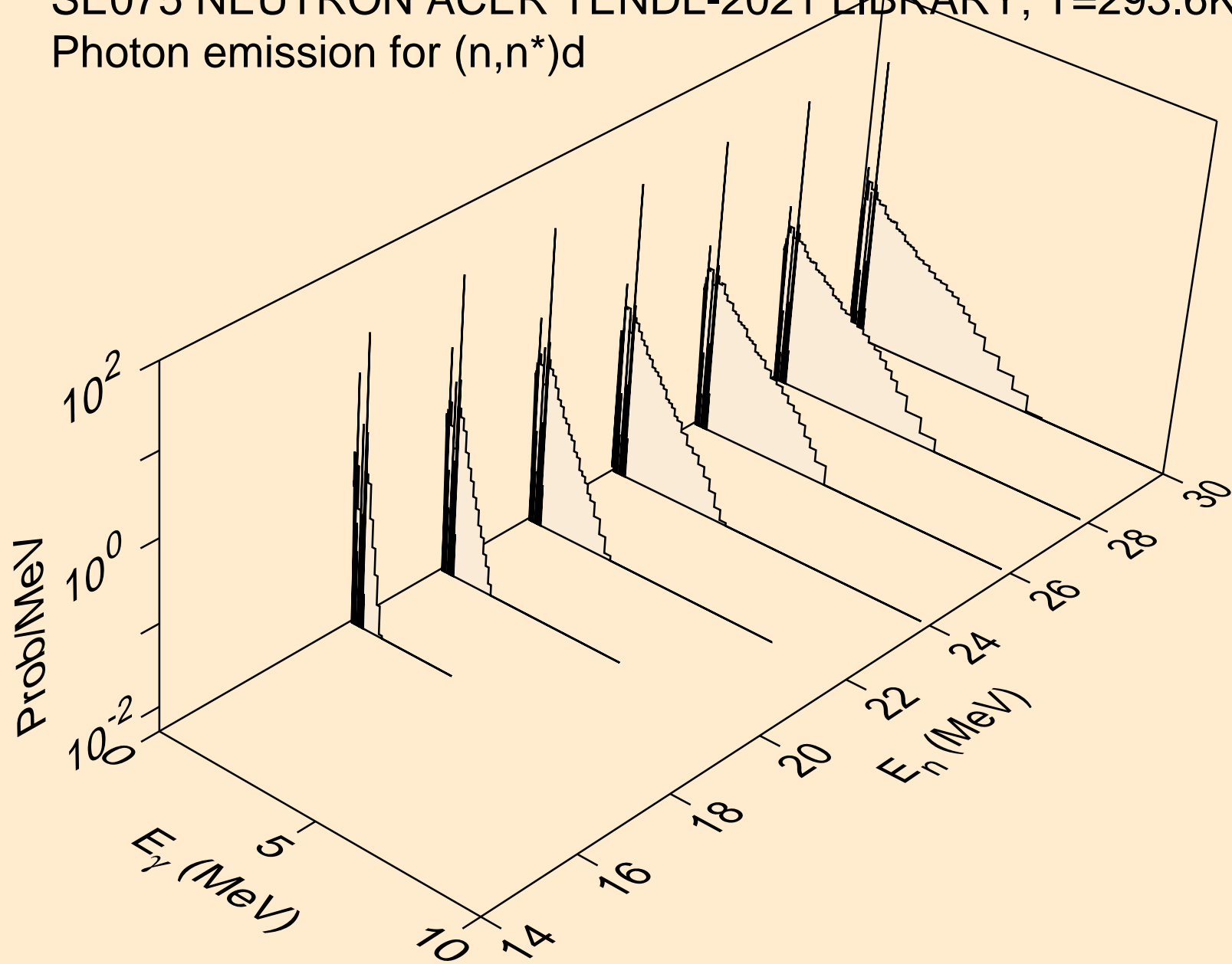
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Photon emission for (n,n\*)2a



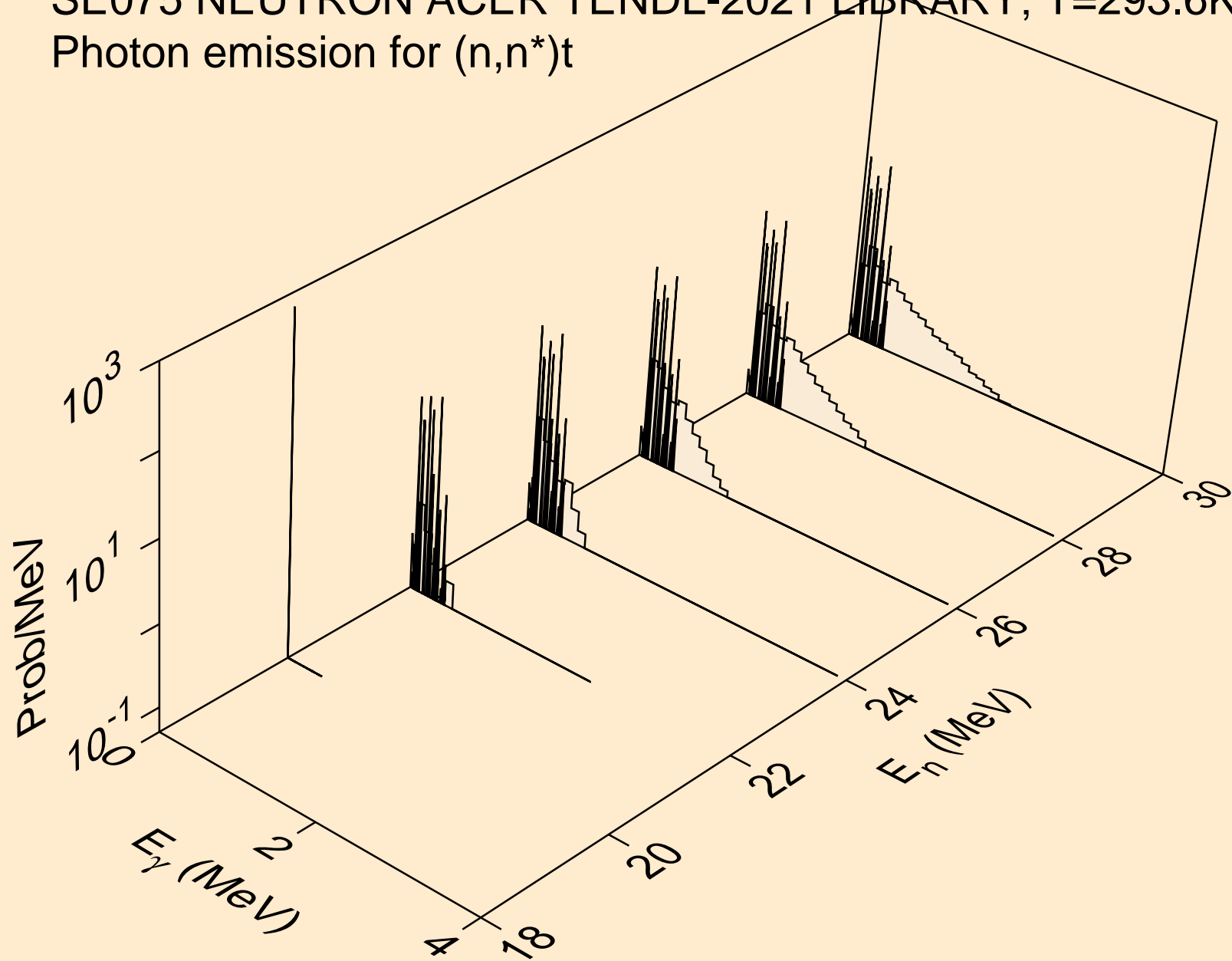
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Photon emission for (n,2n)2a



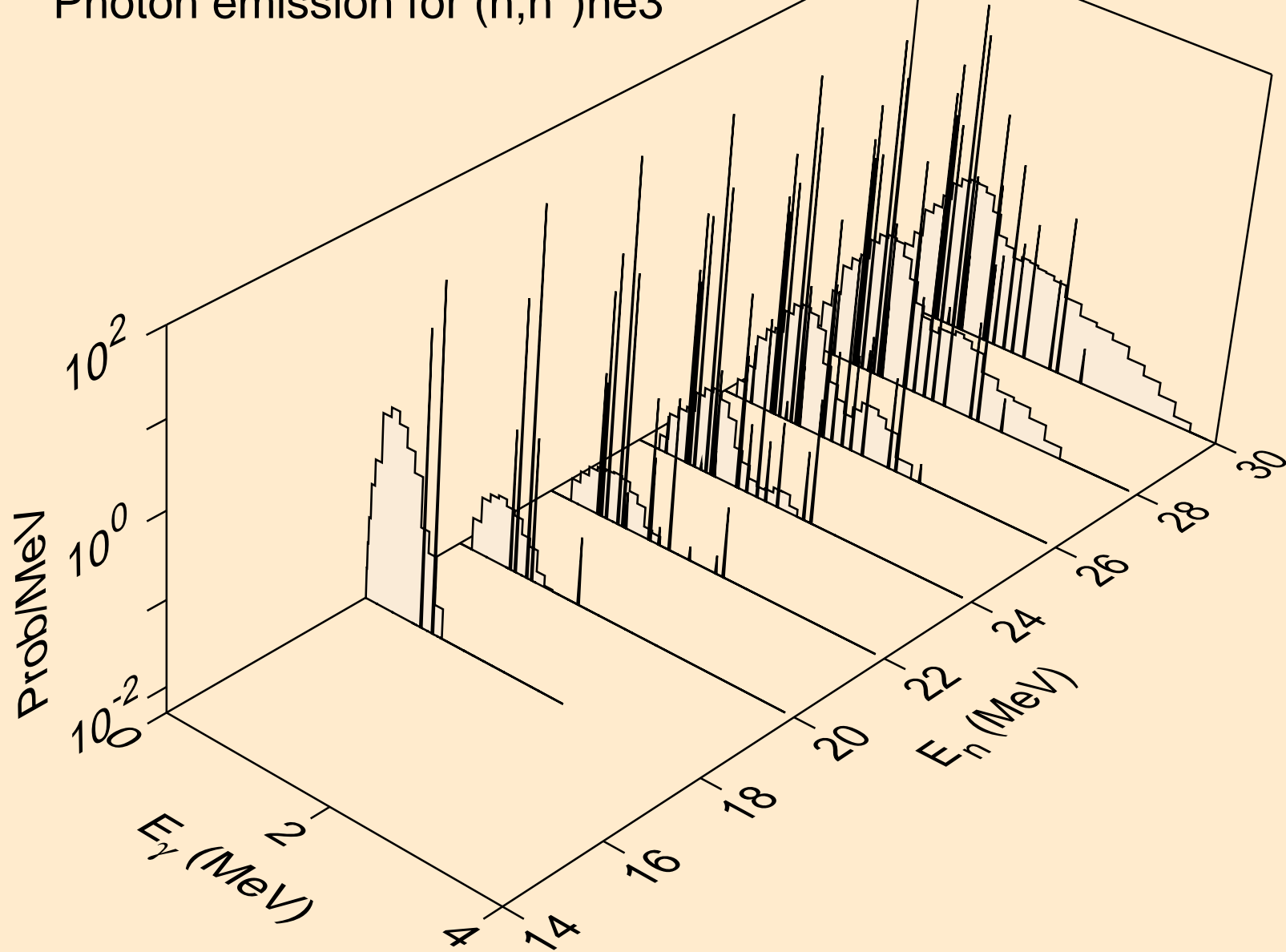
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Photon emission for (n,n\*)d



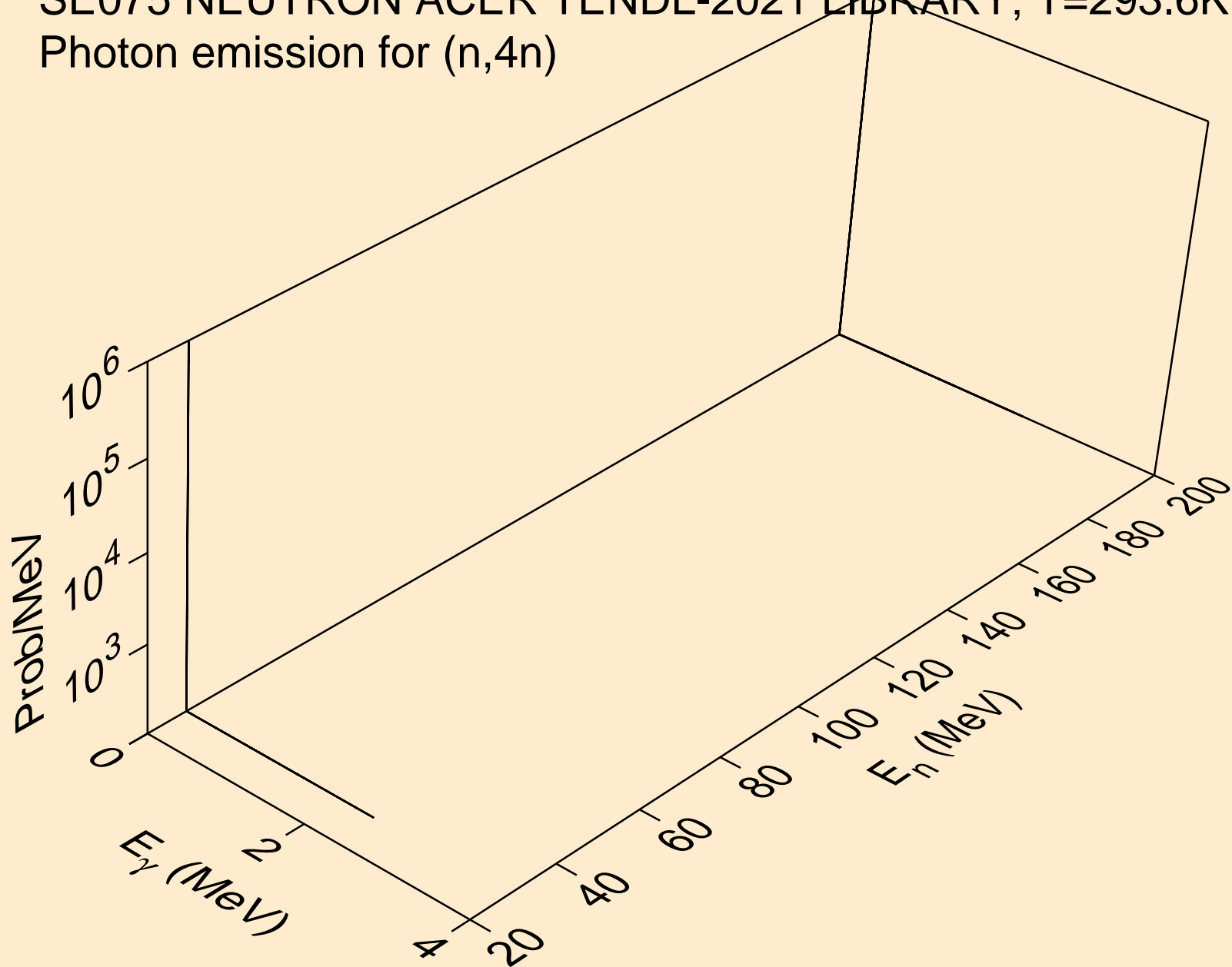
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Photon emission for (n,n\*)t



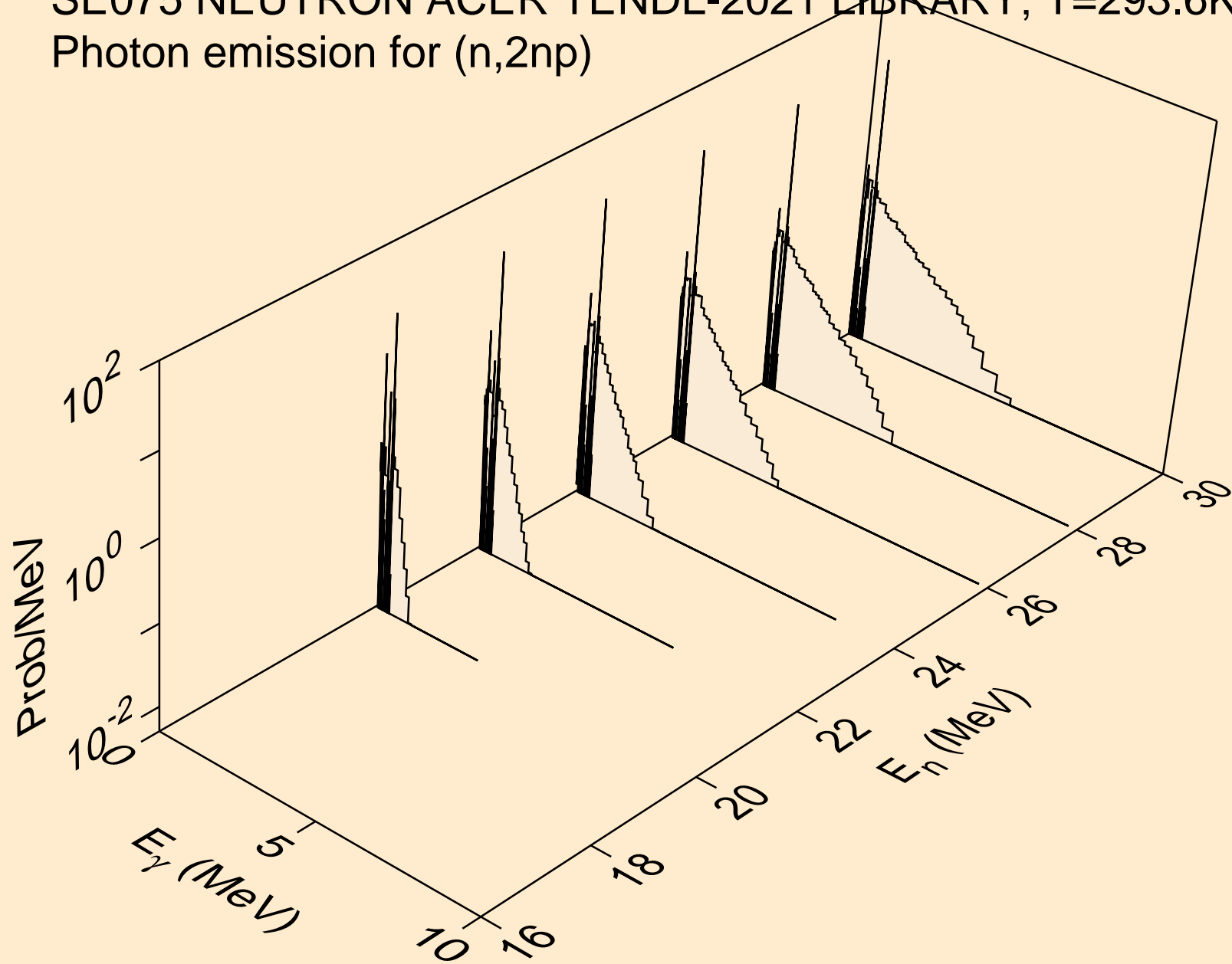
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Photon emission for (n,n\*)he3



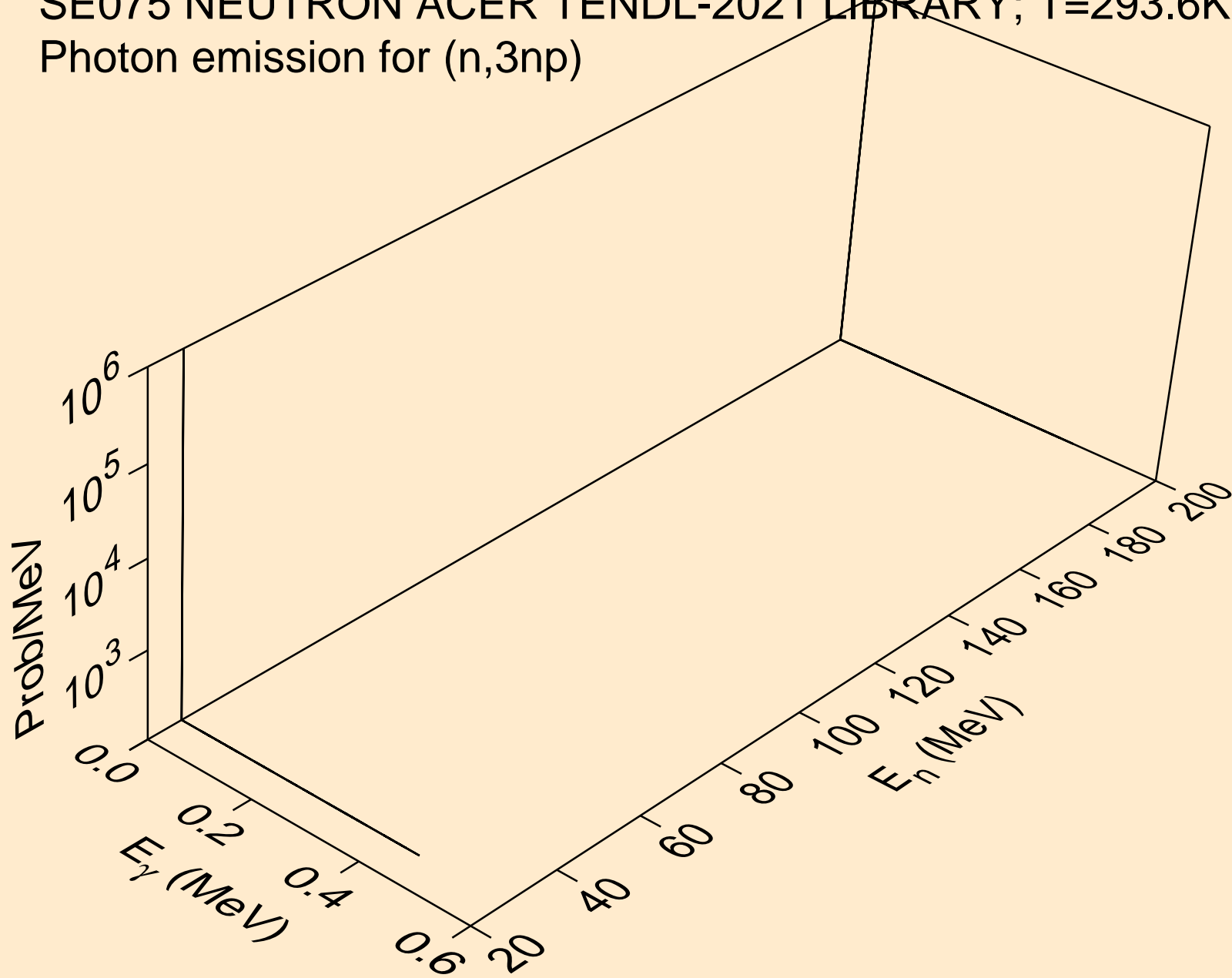
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

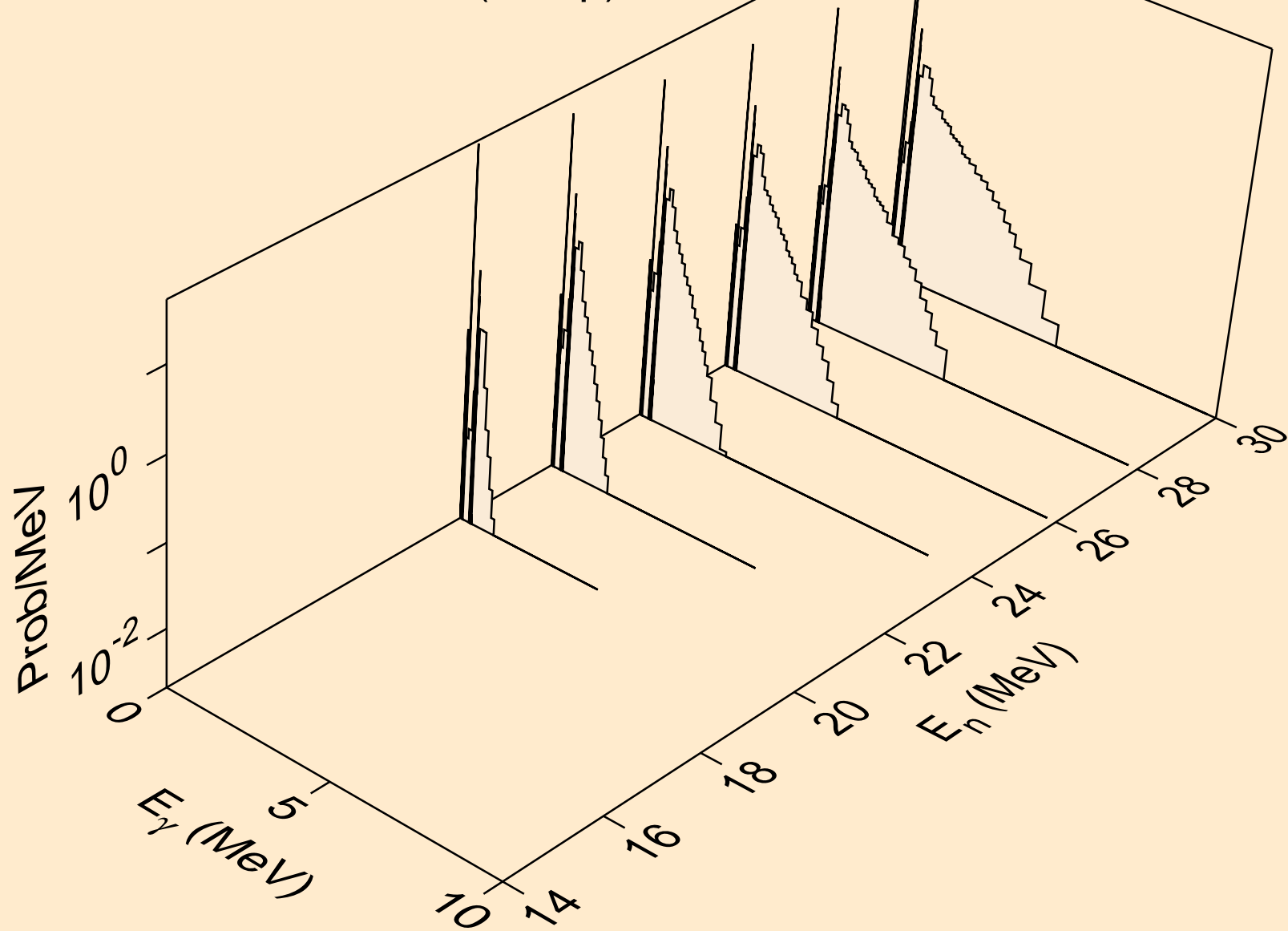


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Photon emission for (n,3np)

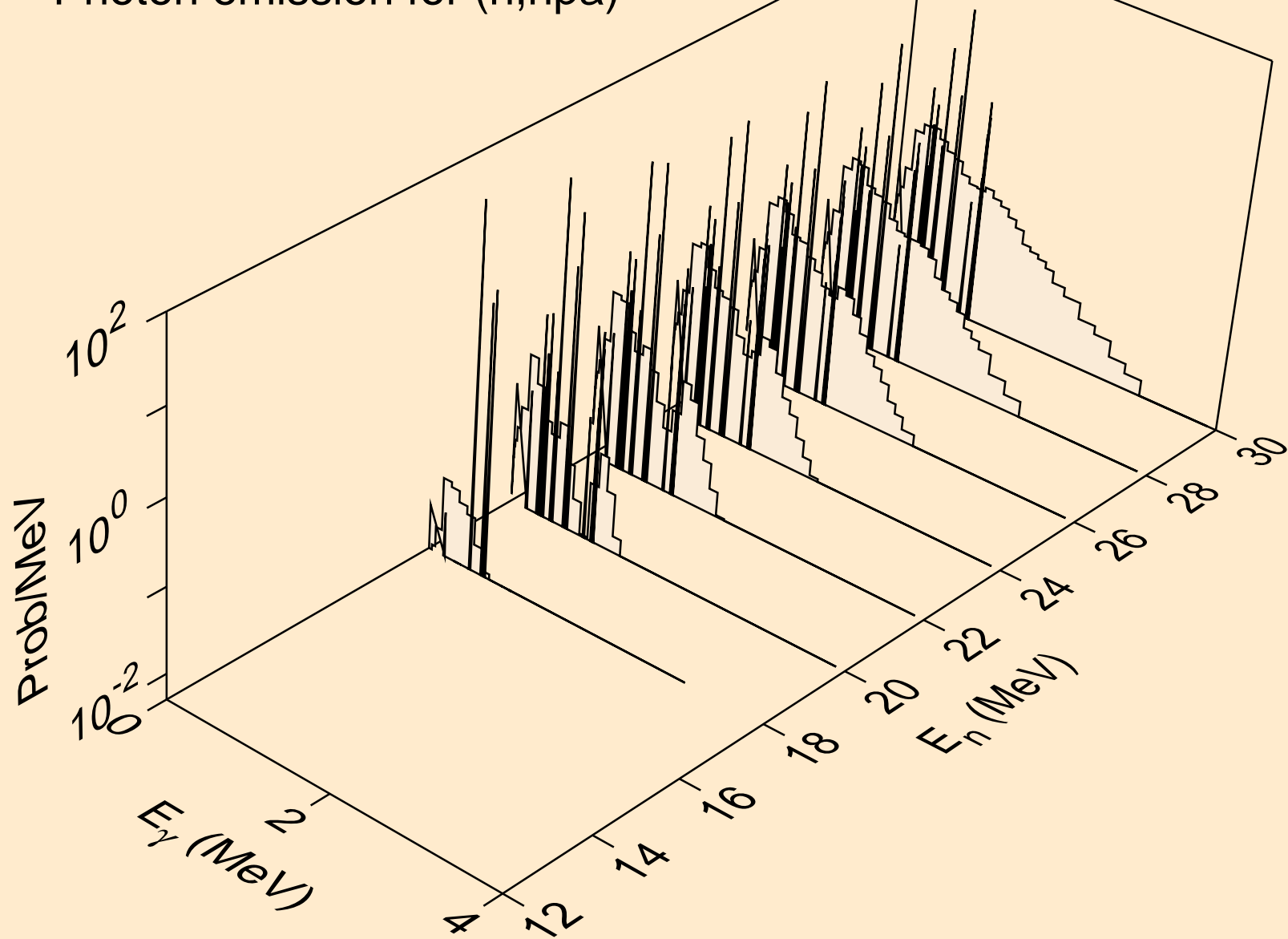




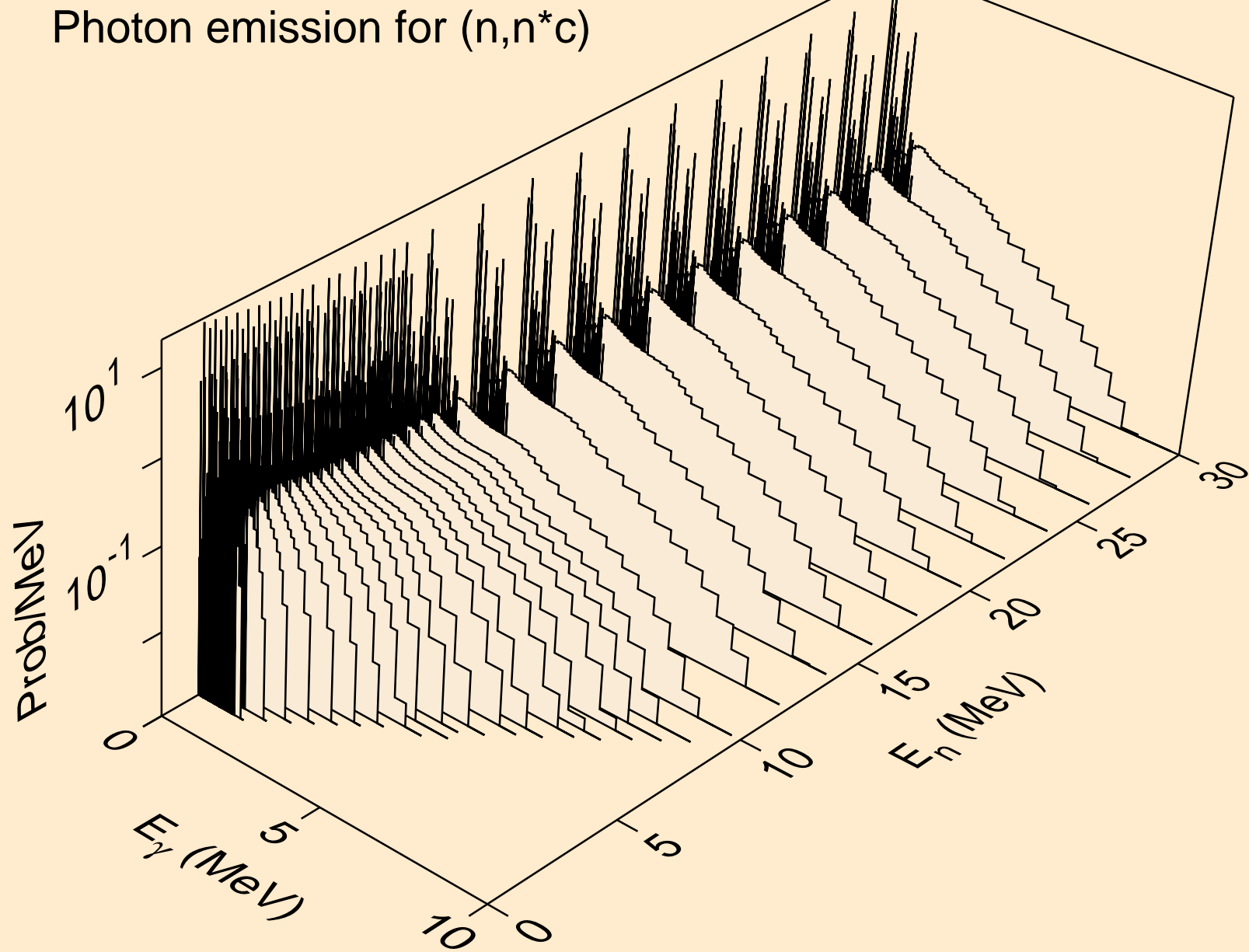
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Photon emission for (n,2np)



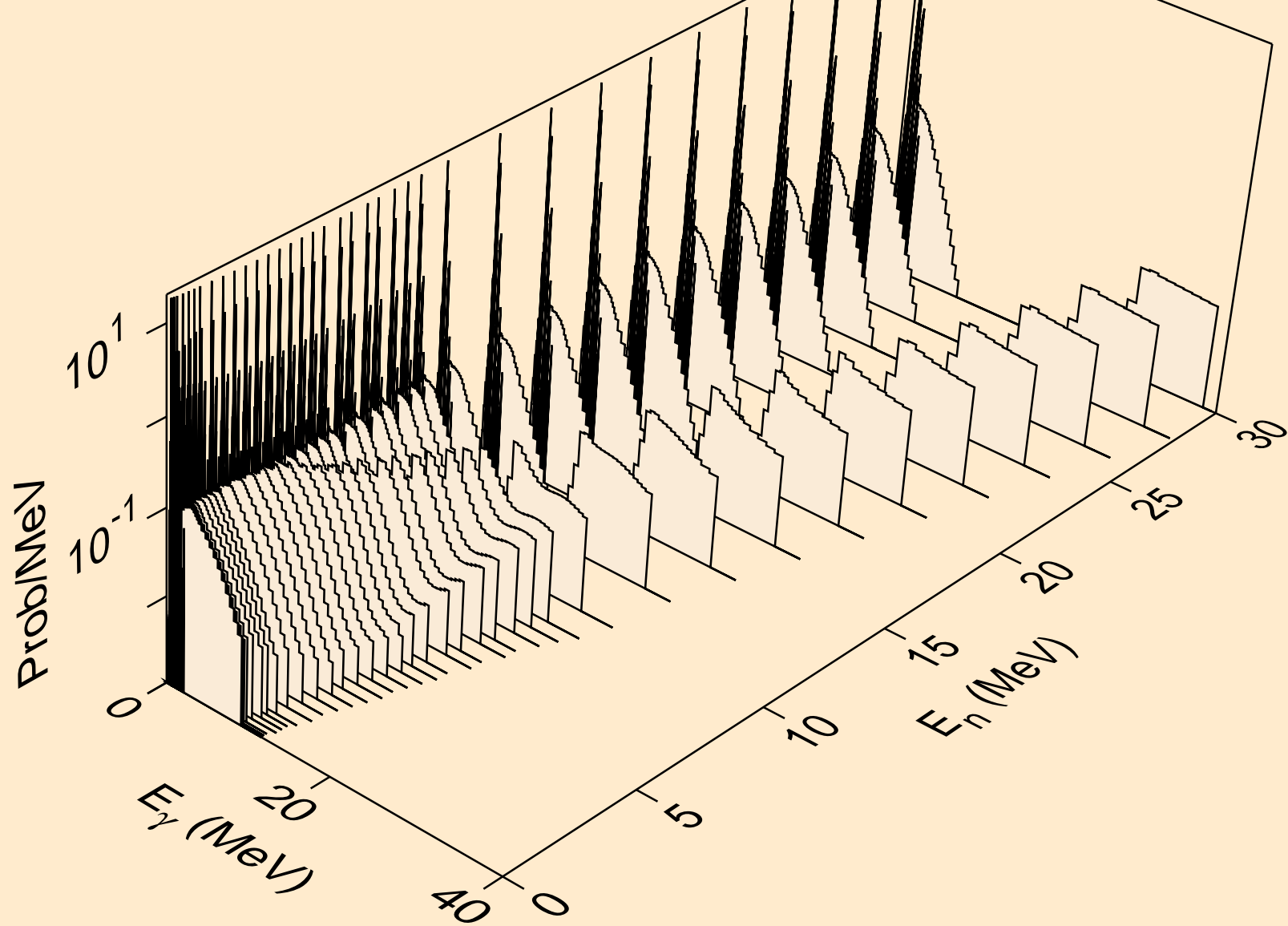
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Photon emission for (n,npa)



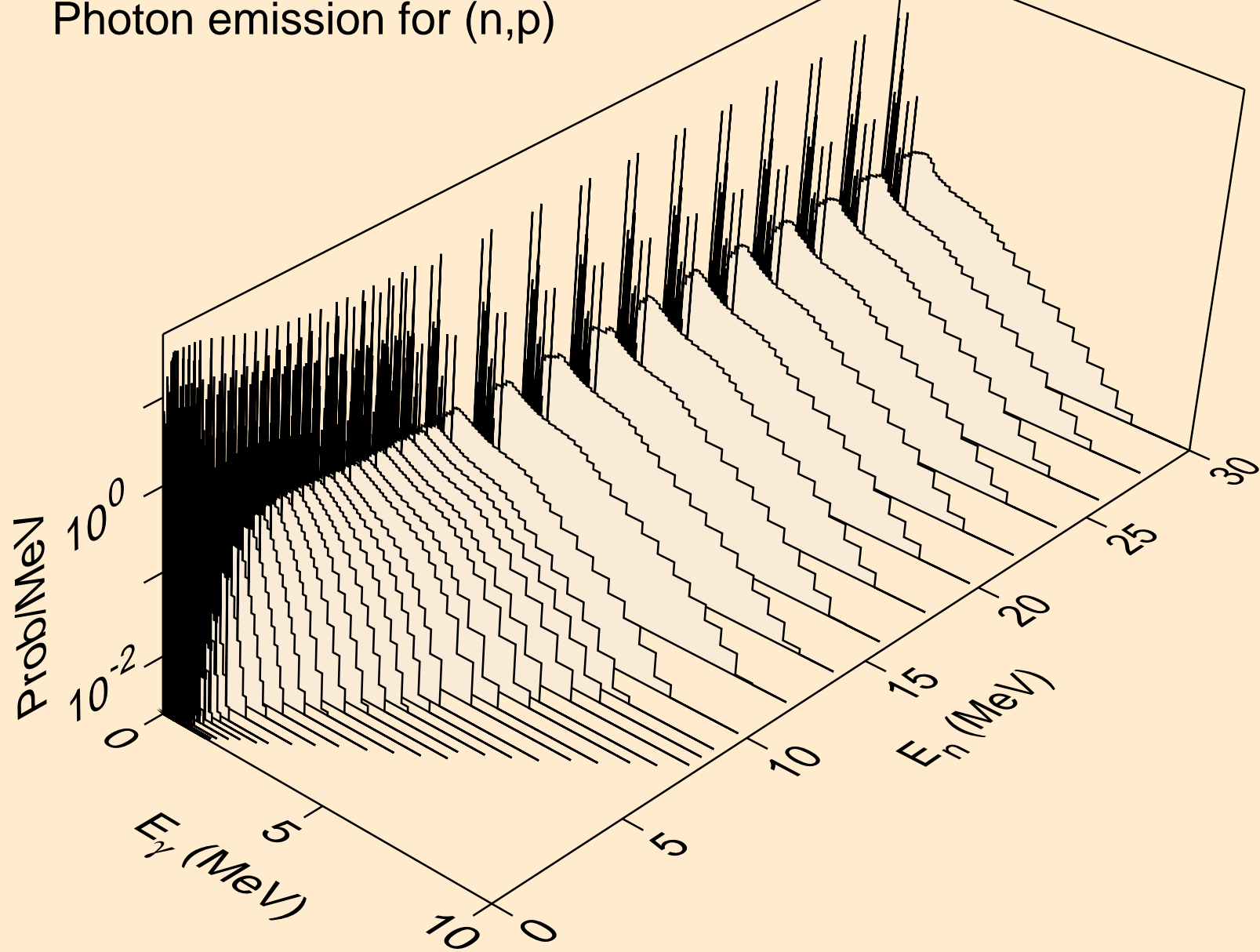
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Photon emission for (n,n\*c)



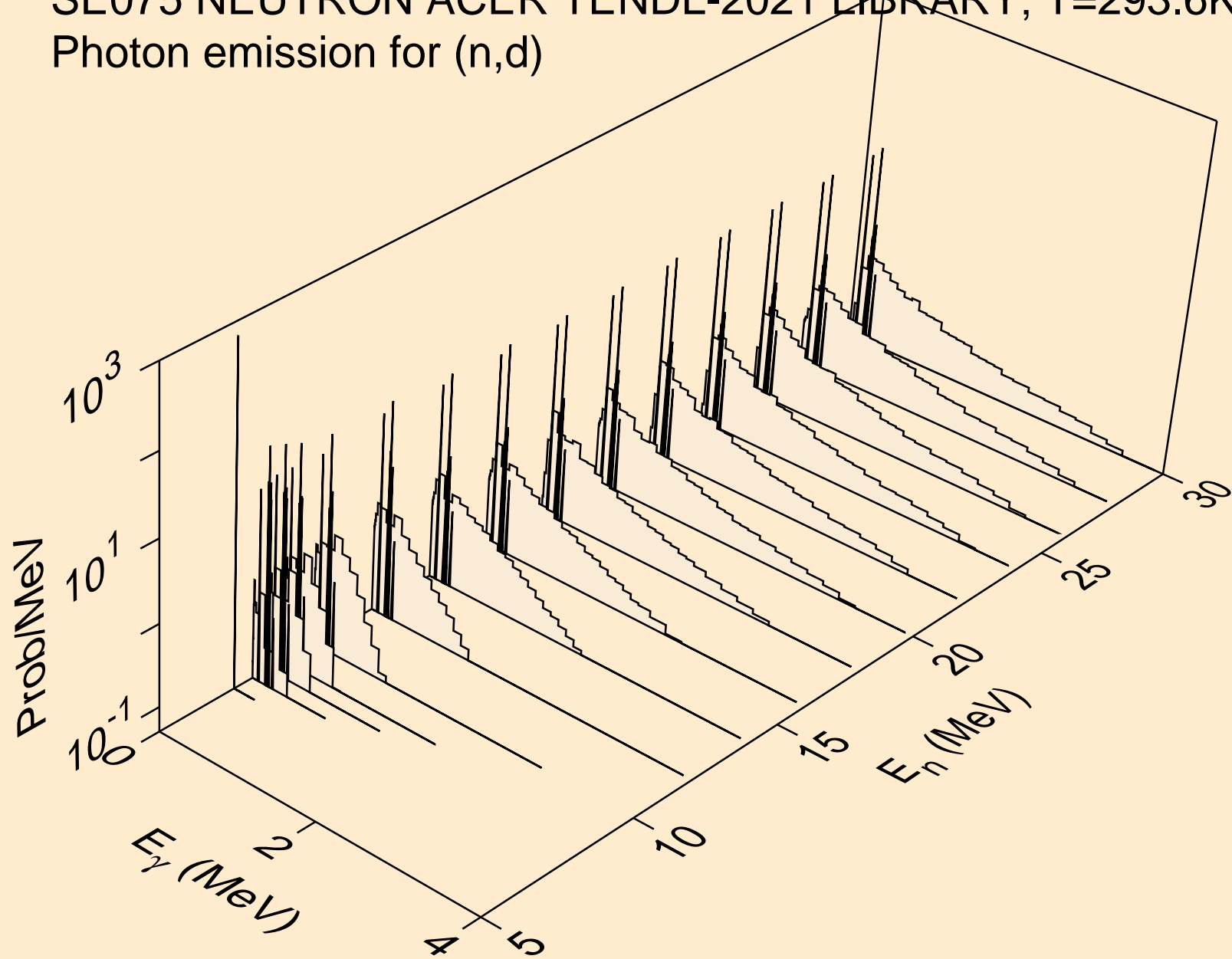
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Photon emission for (n,gma)



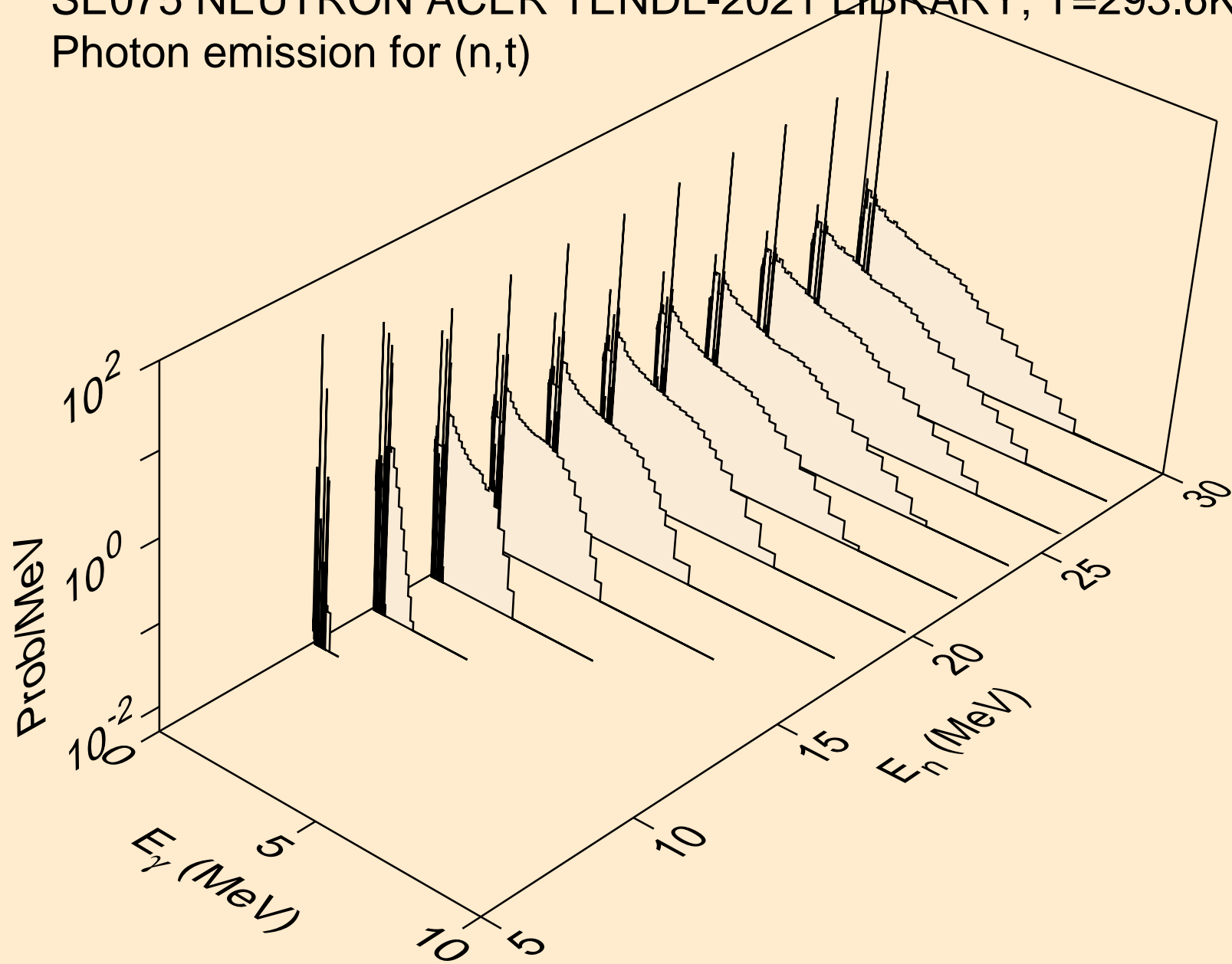
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Photon emission for (n,p)



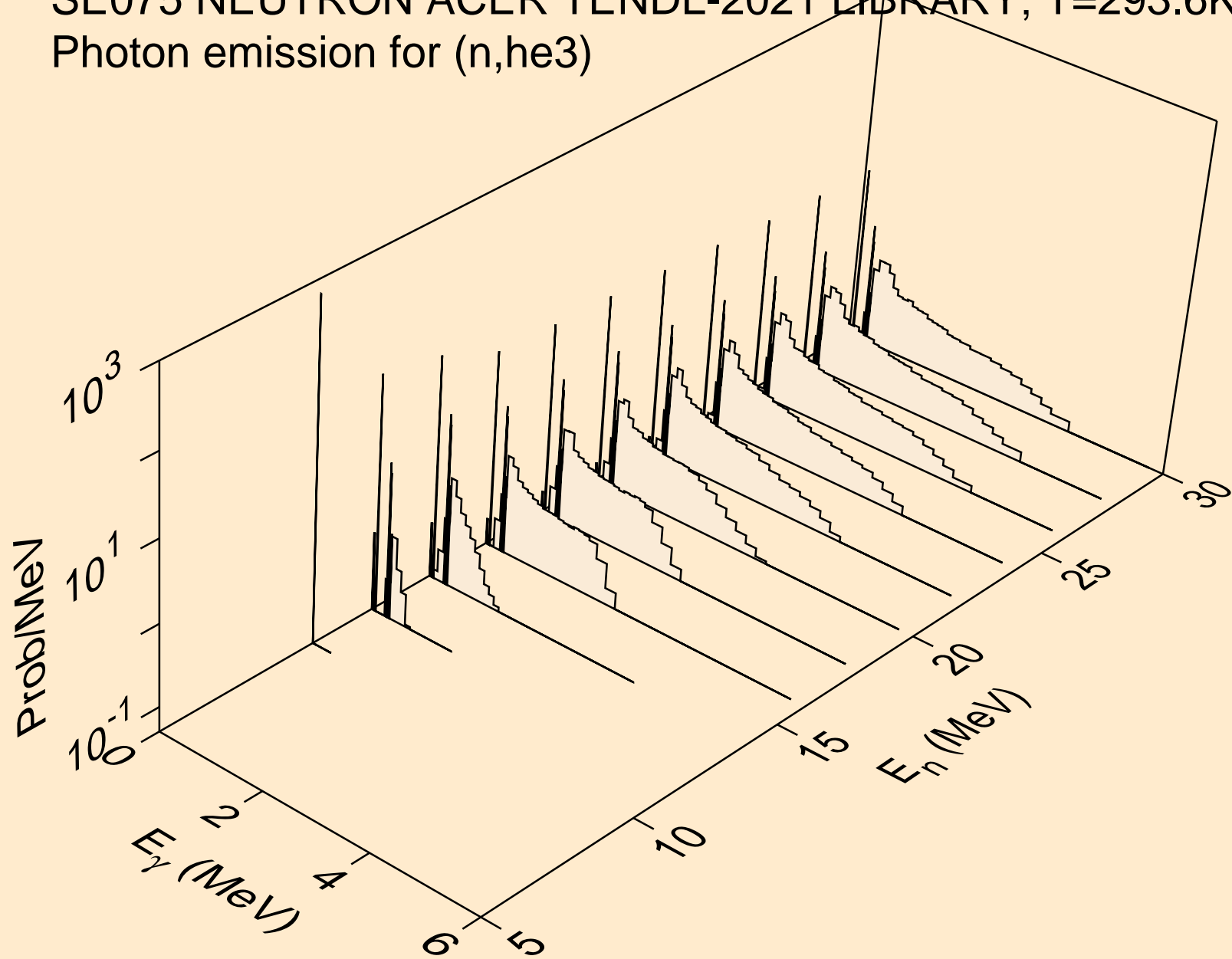
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

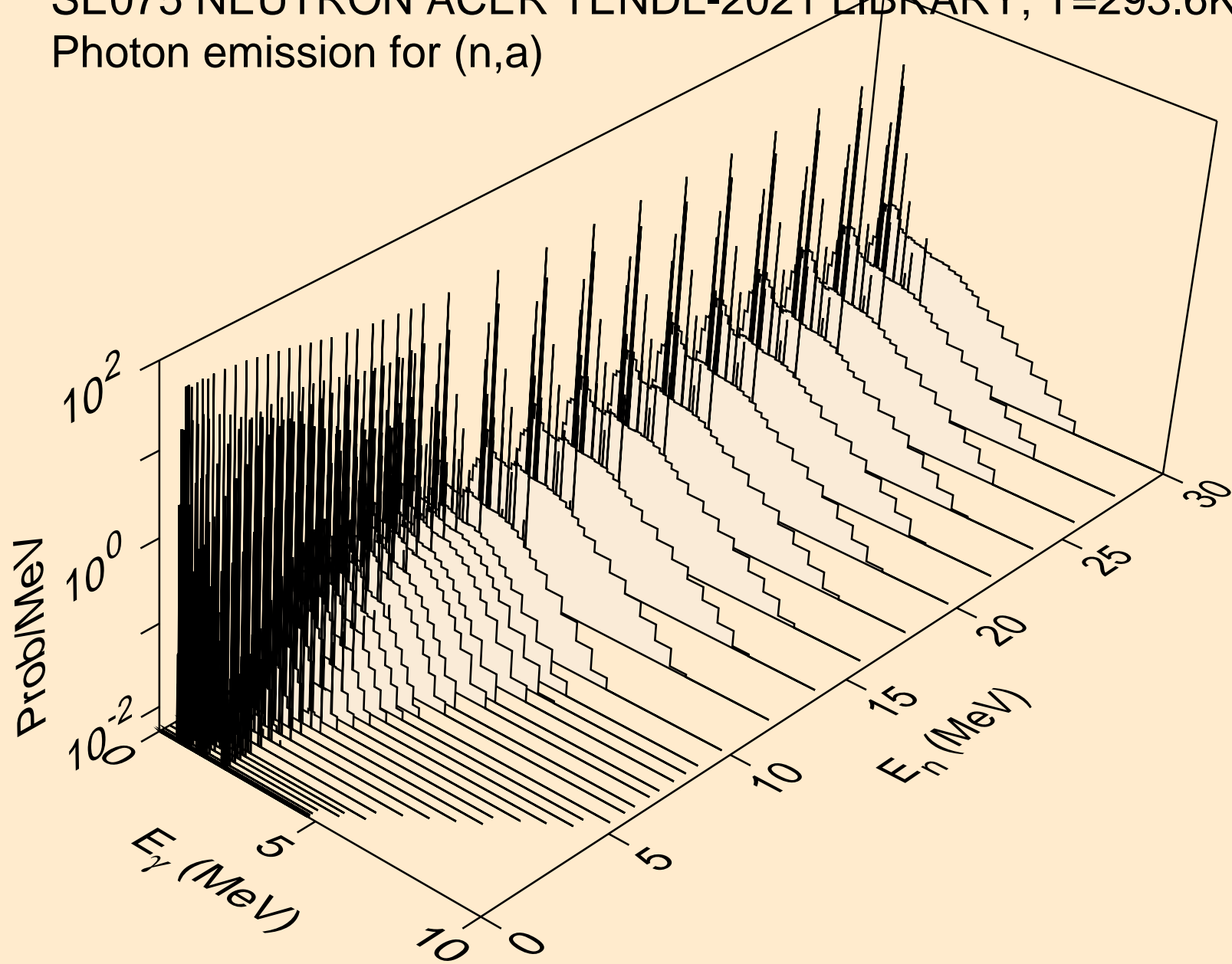


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Photon emission for (n,he3)

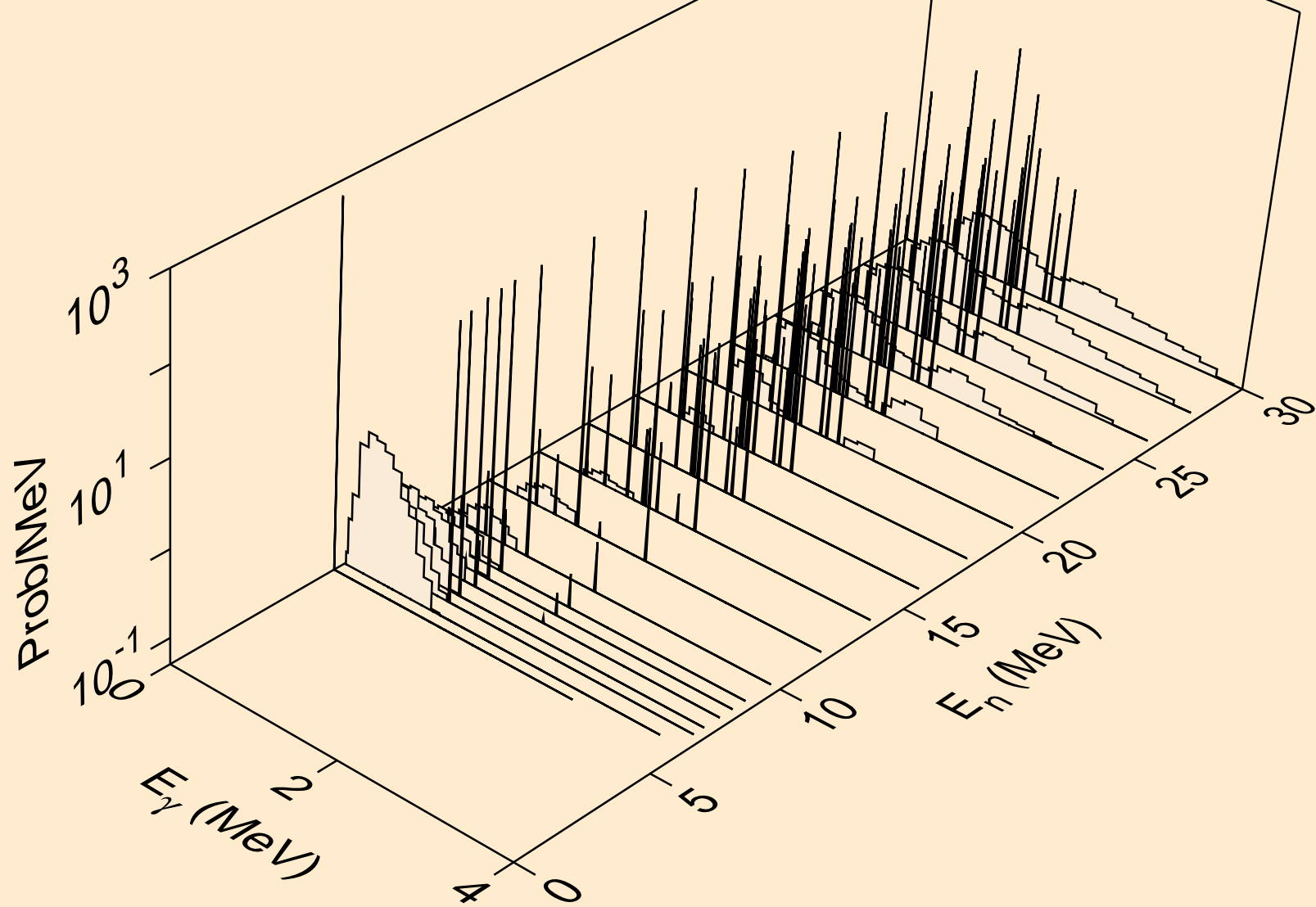




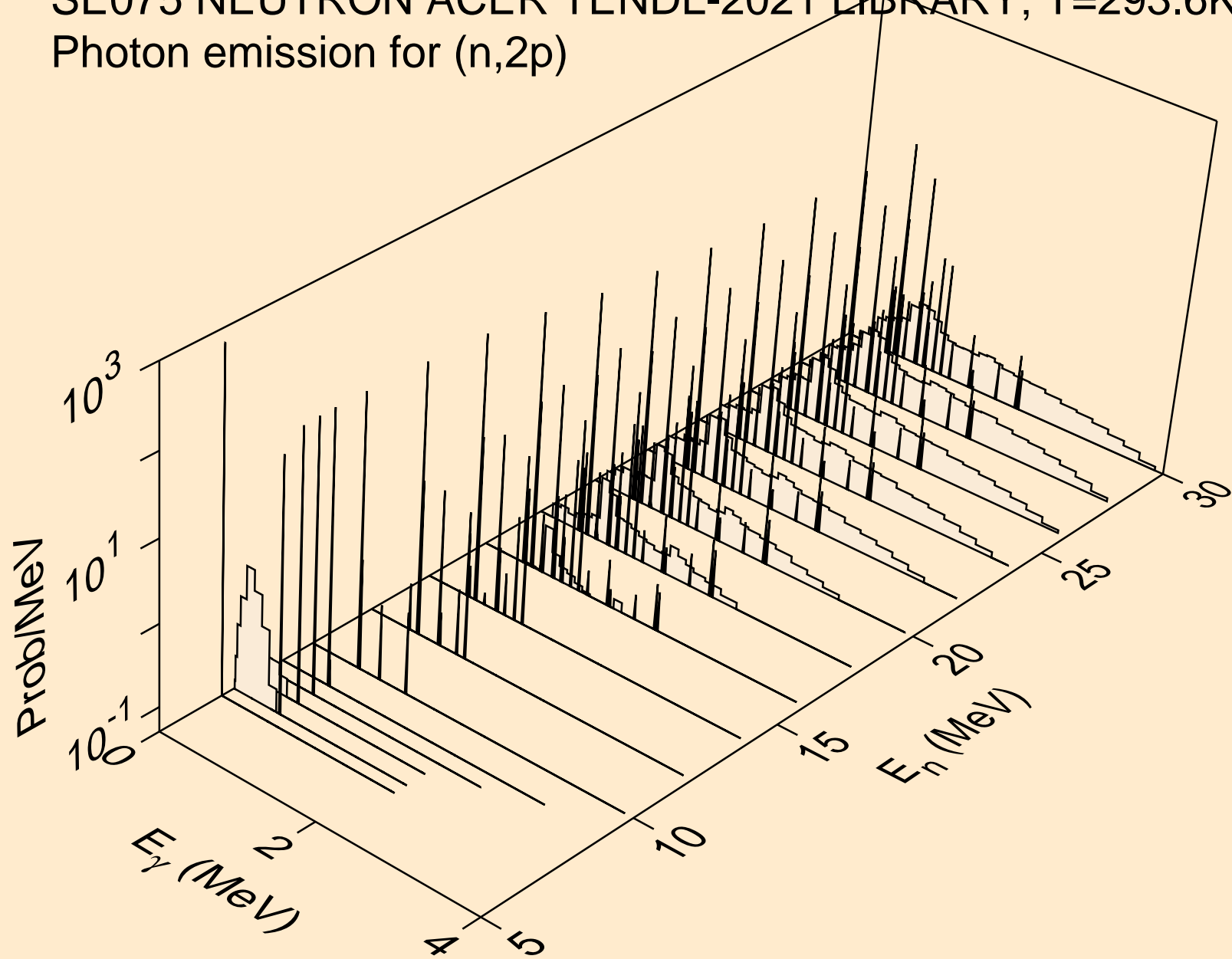
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Photon emission for (n,a)



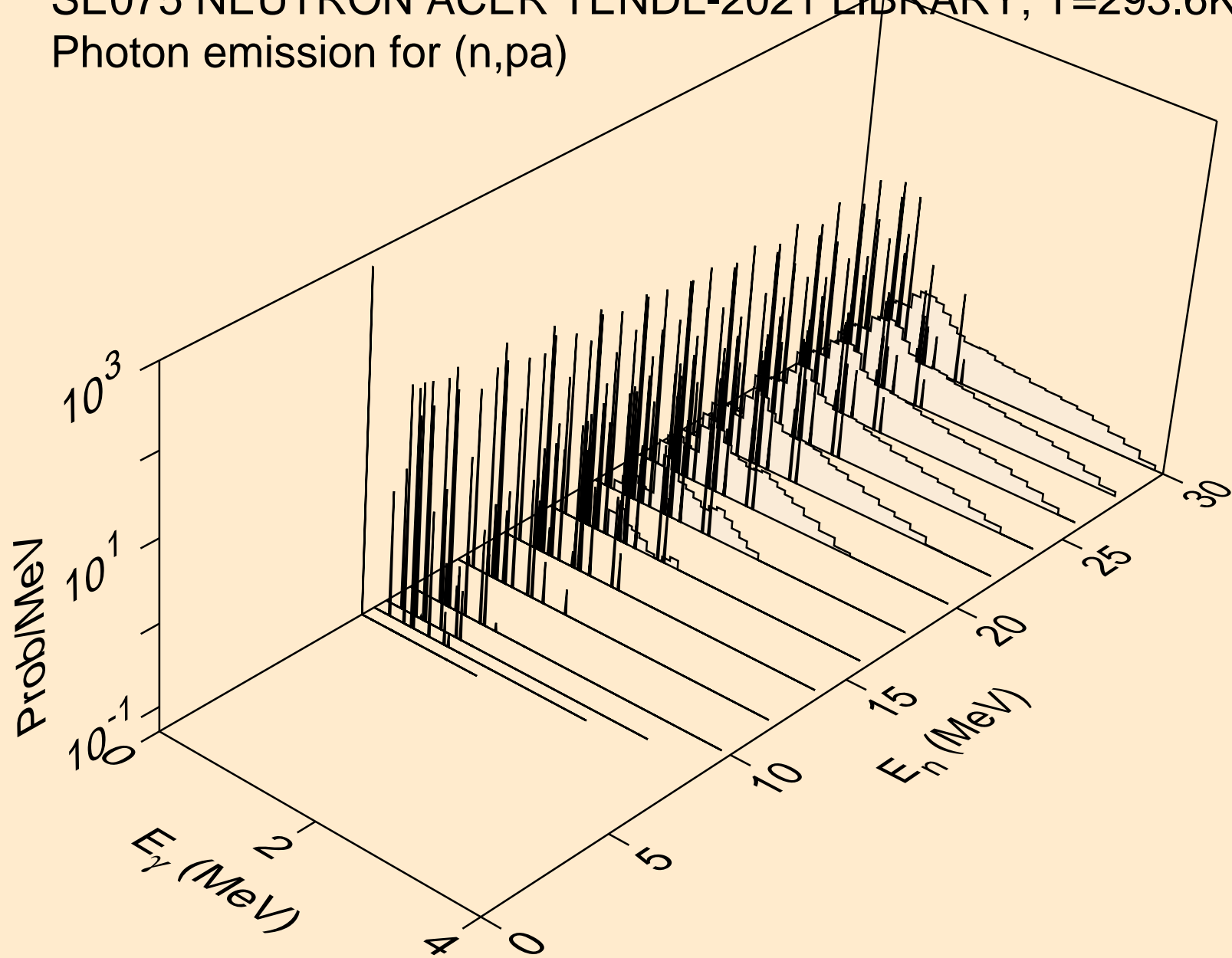
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Photon emission for (n,2a)



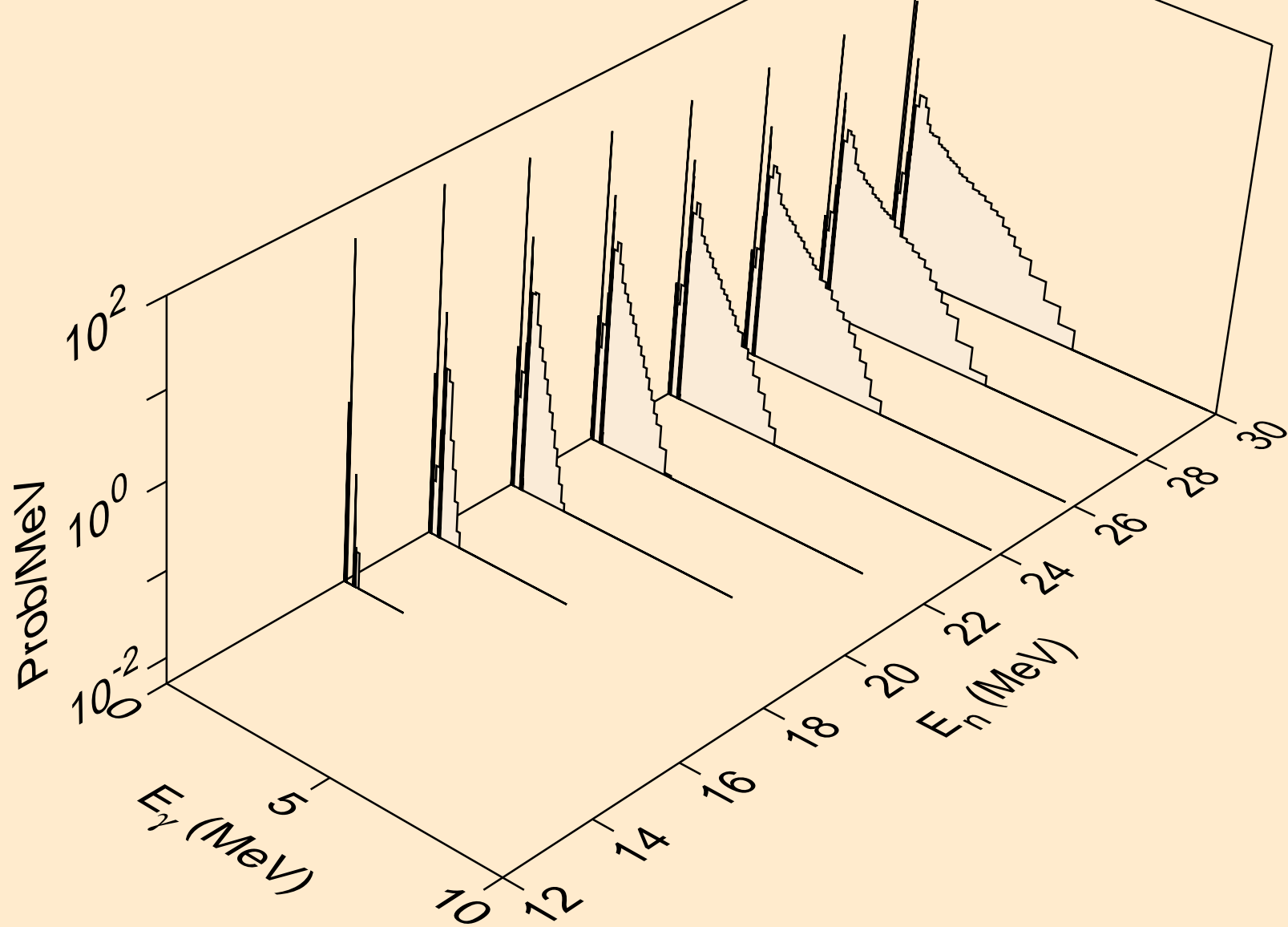
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Photon emission for (n,2p)



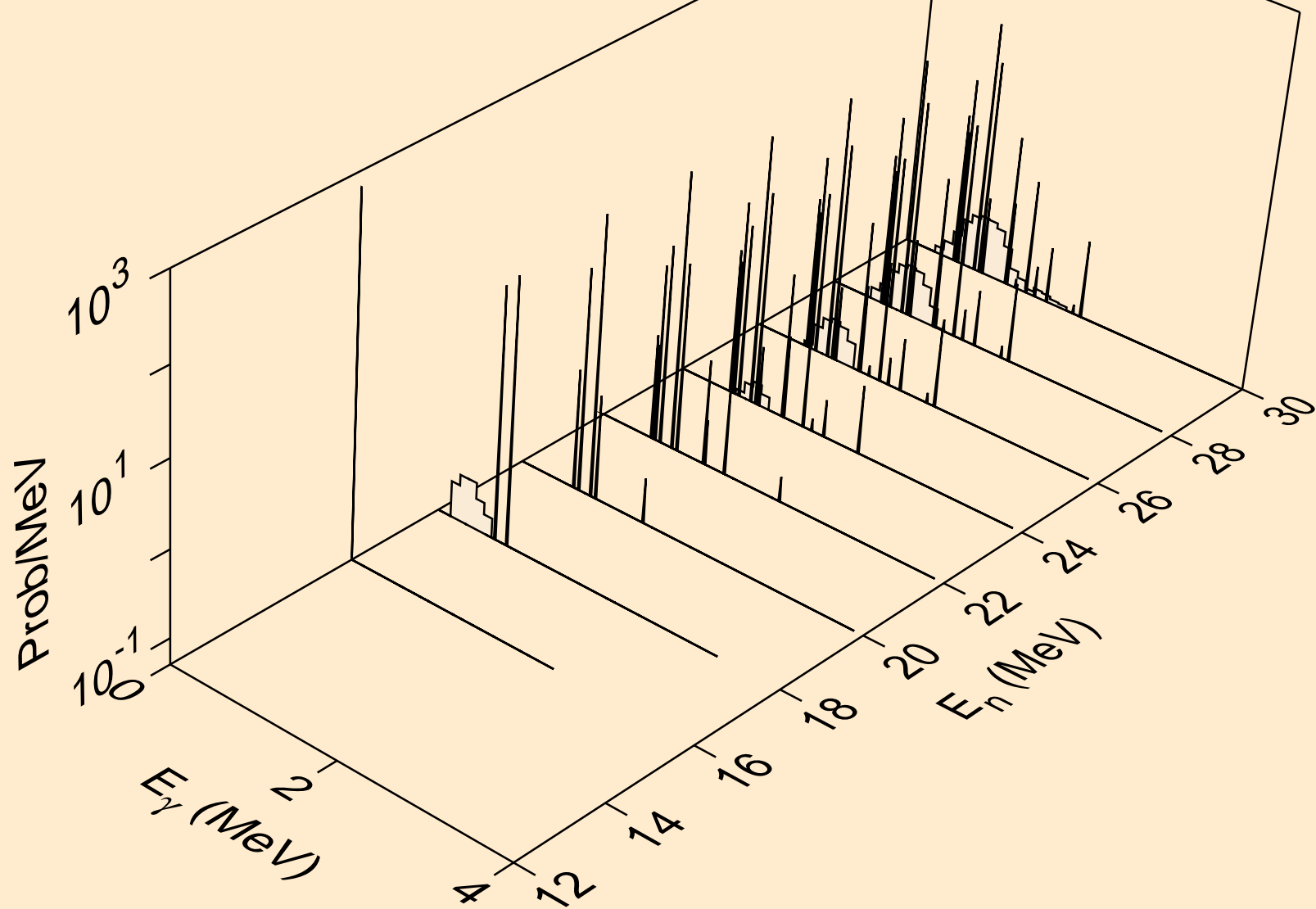
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Photon emission for (n,p)



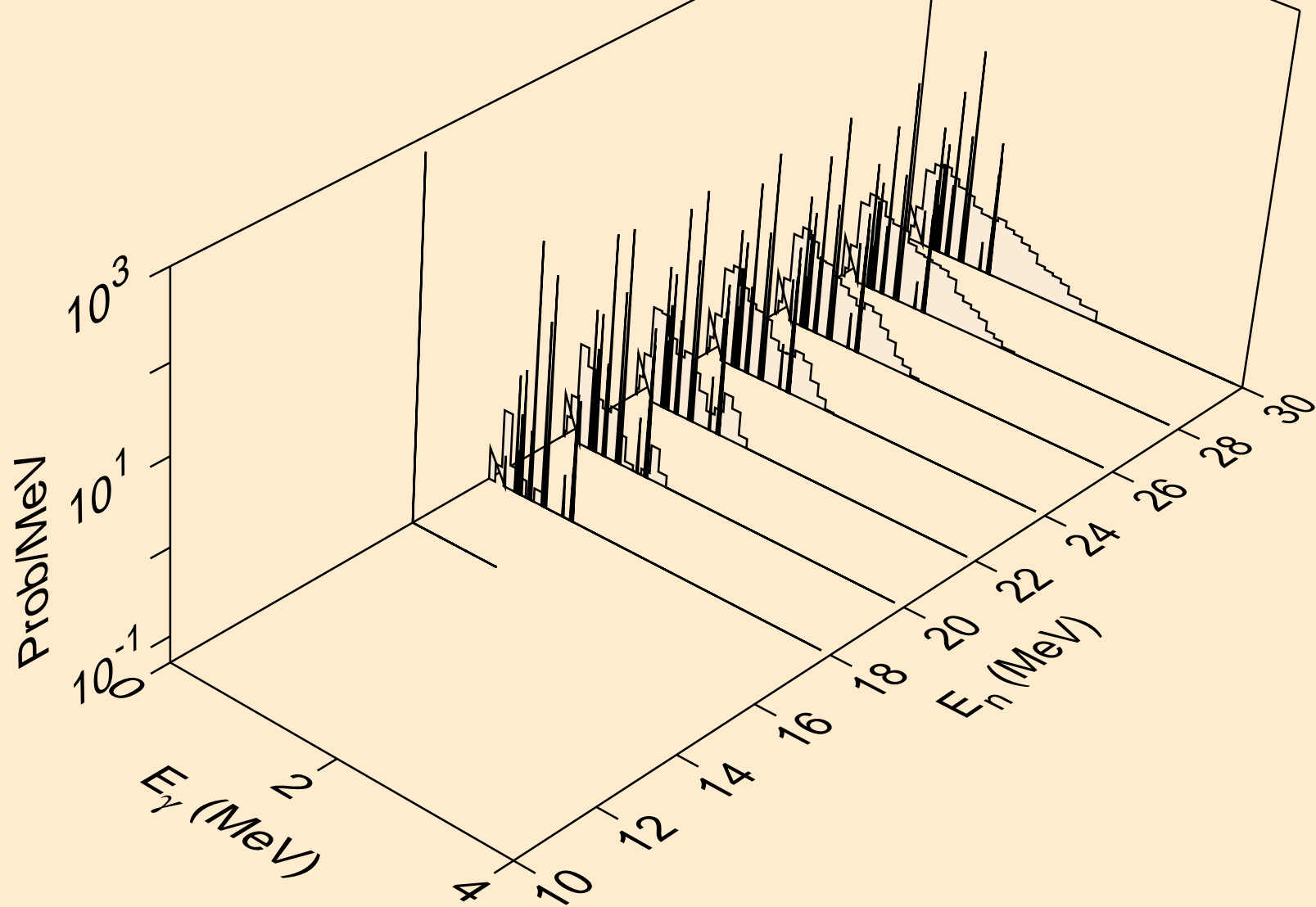
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



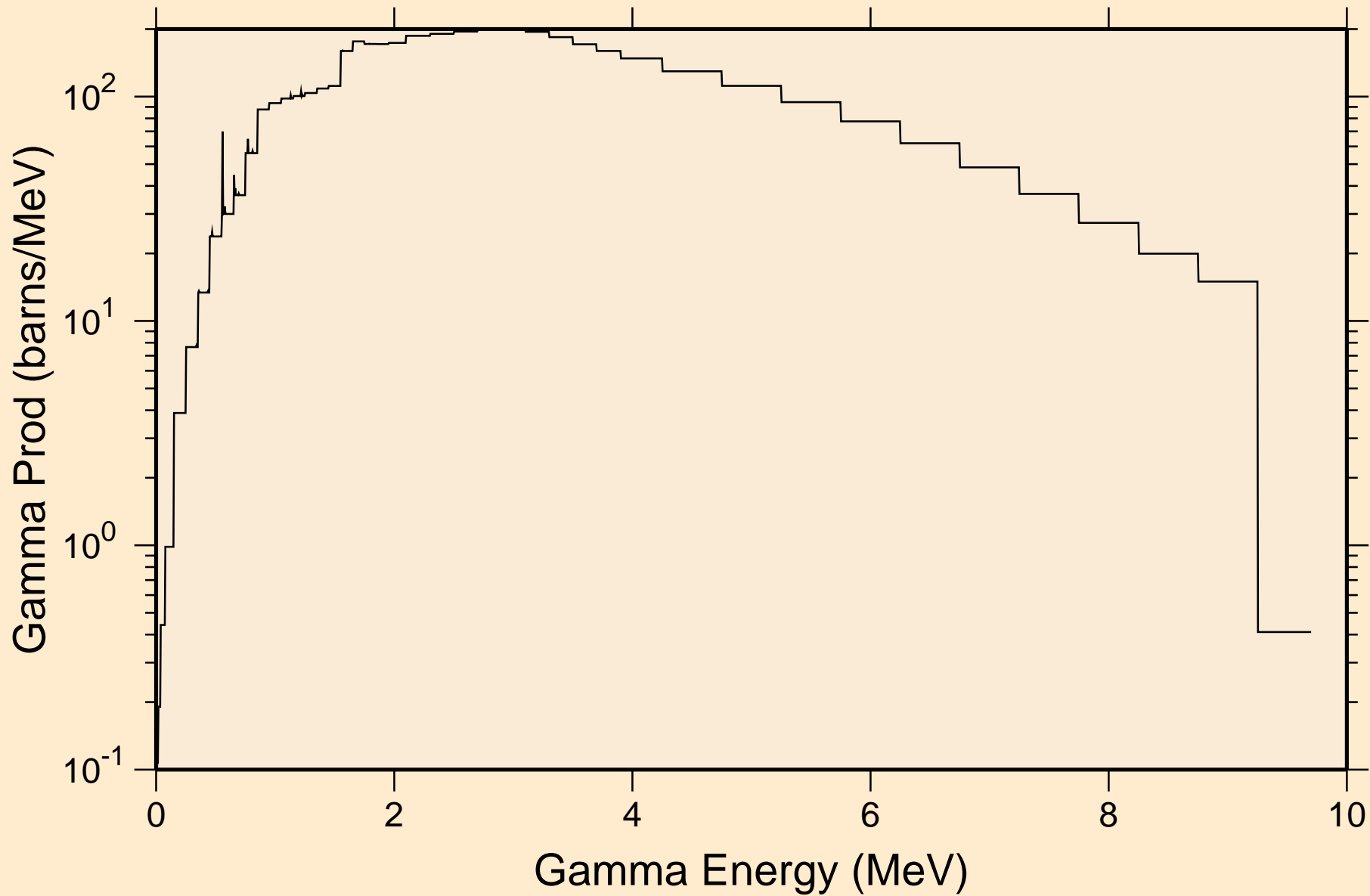
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

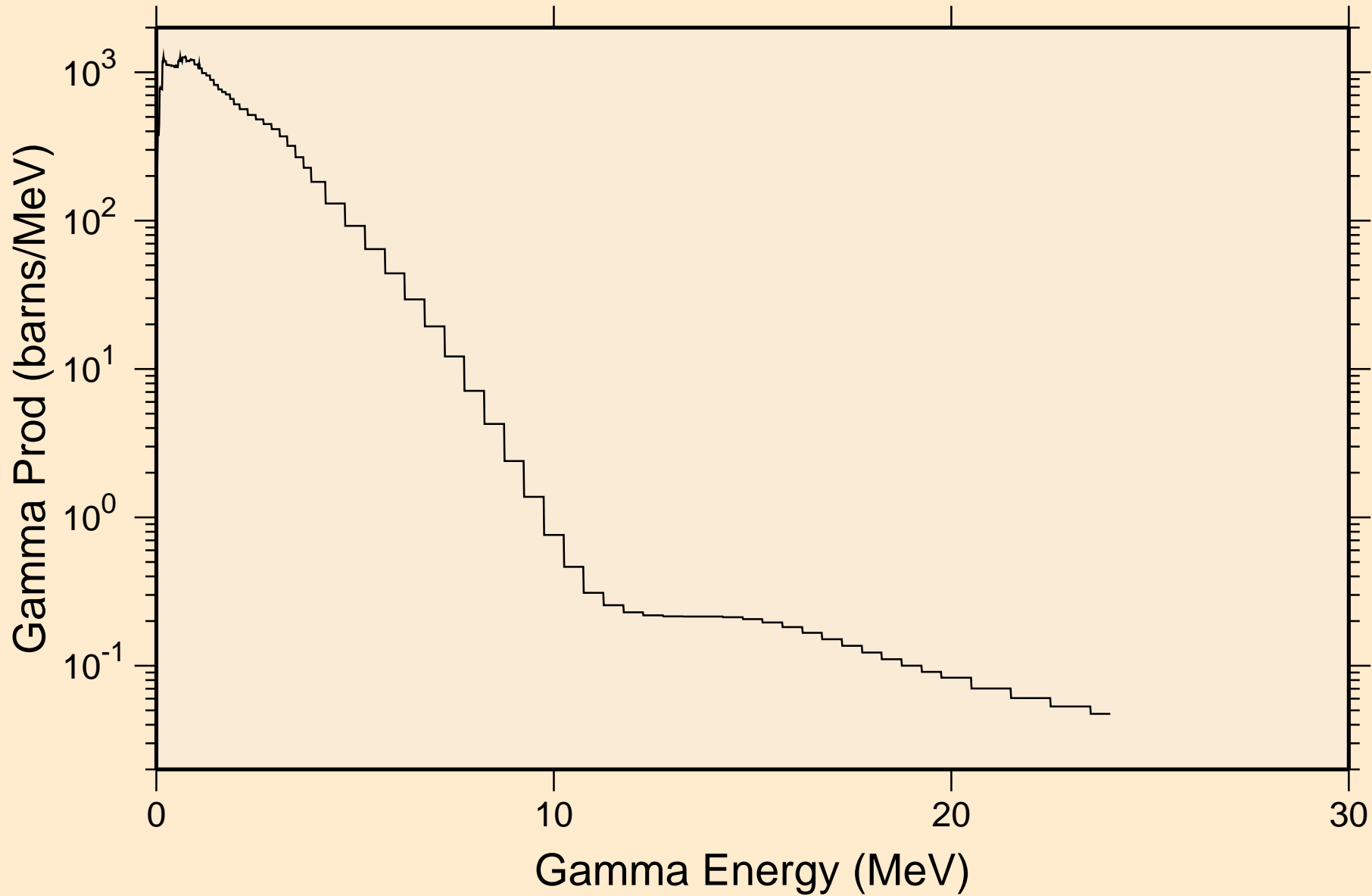


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



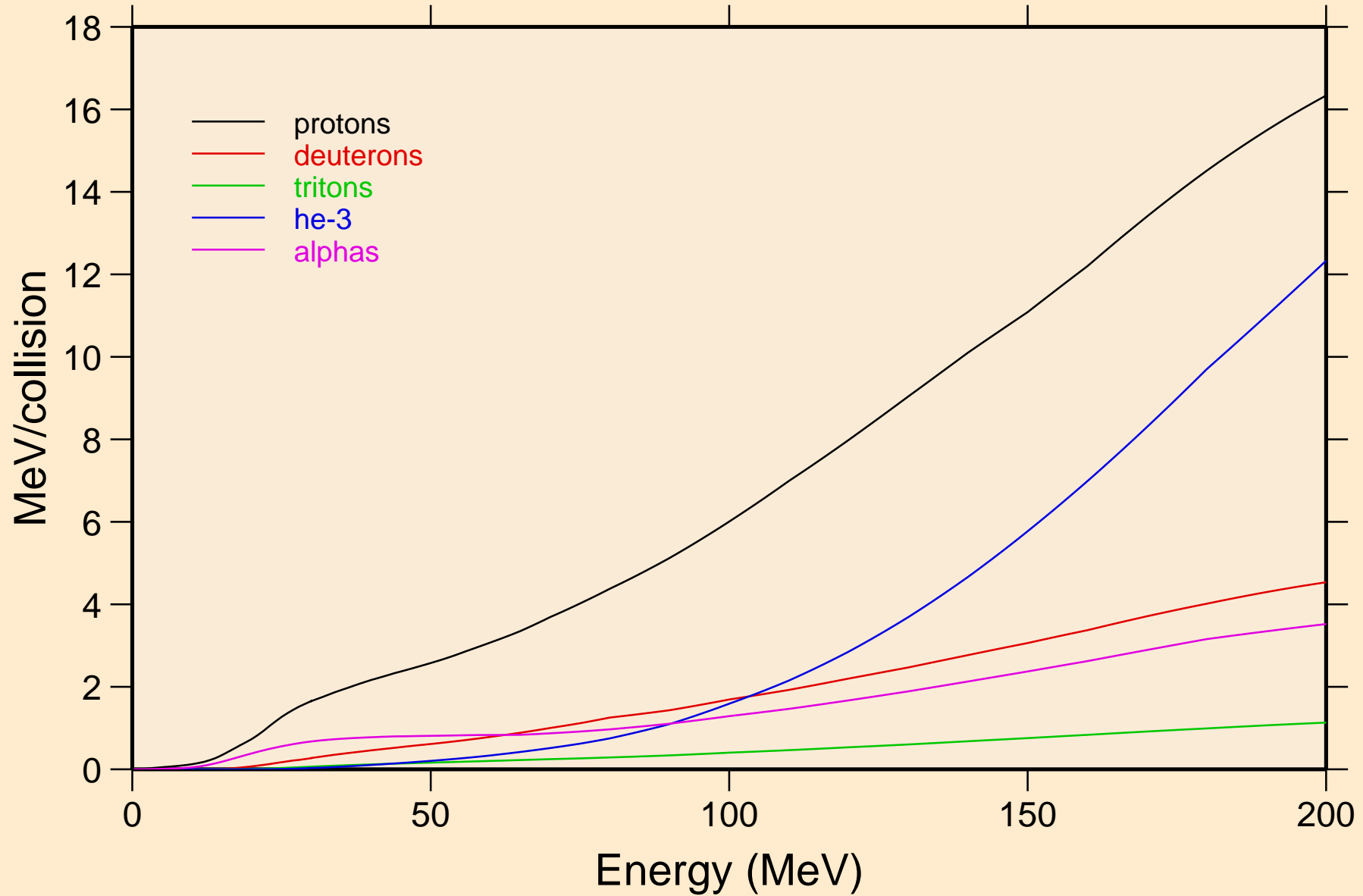


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

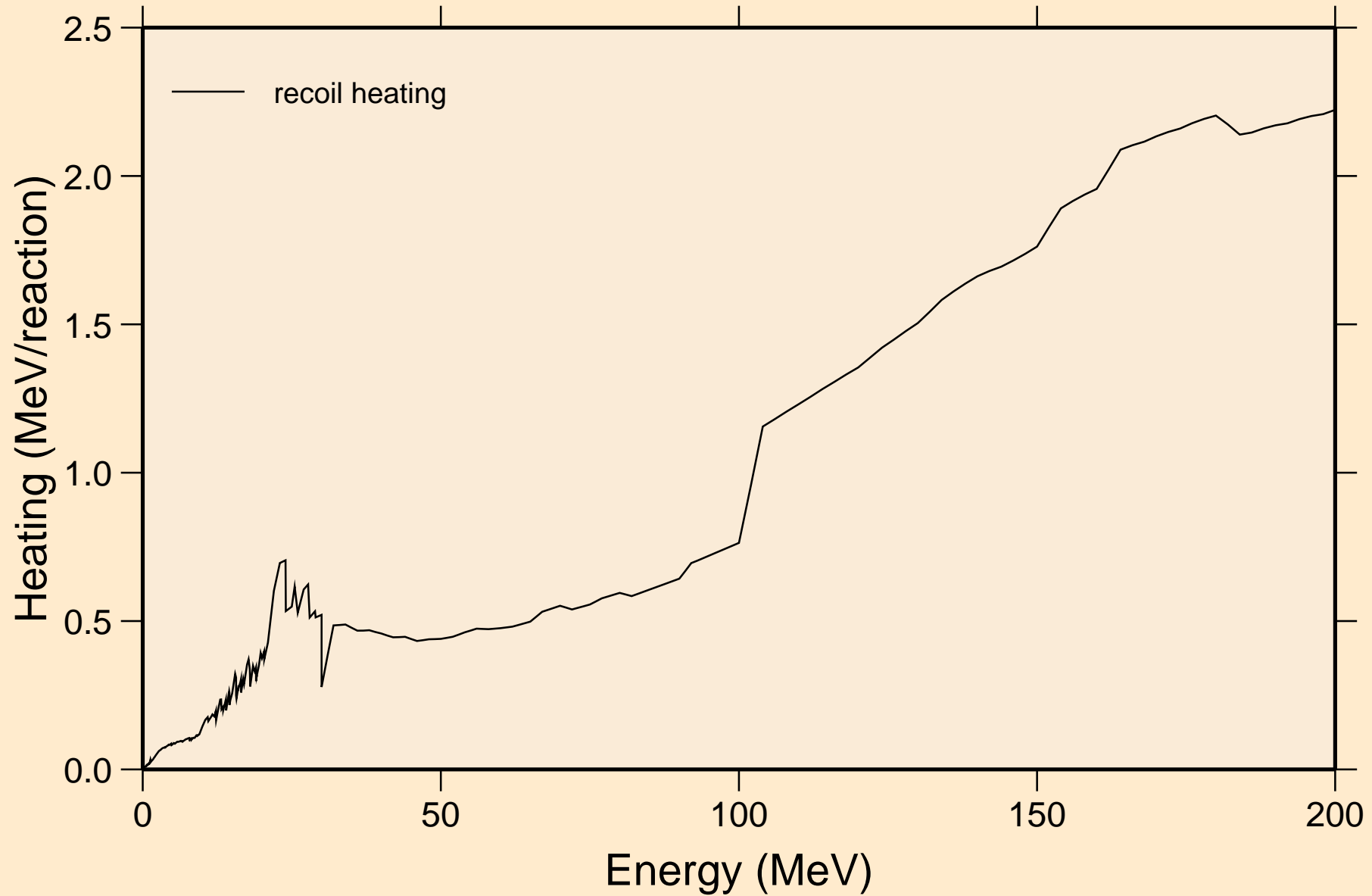


# SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

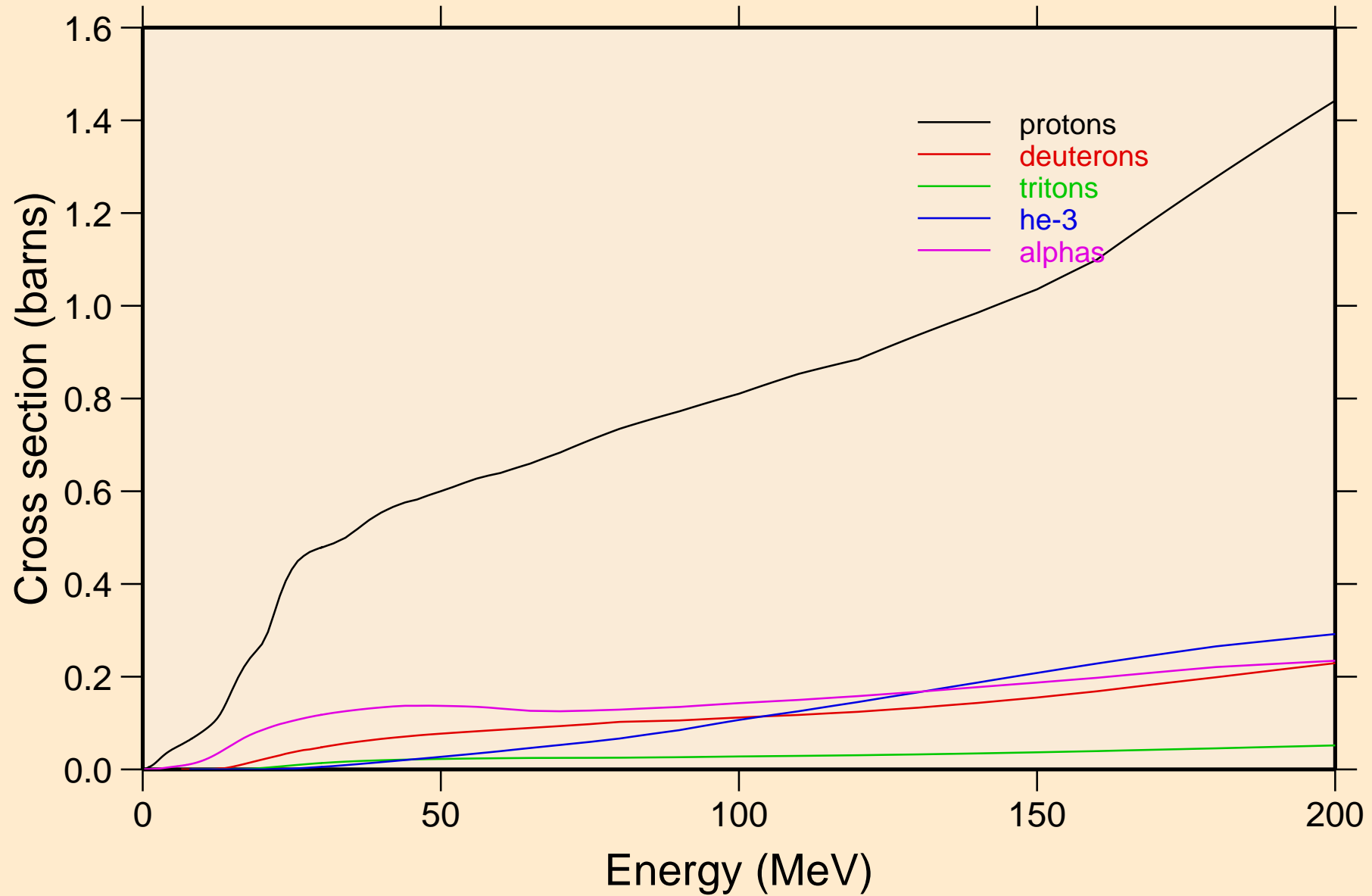
## Particle heating contributions



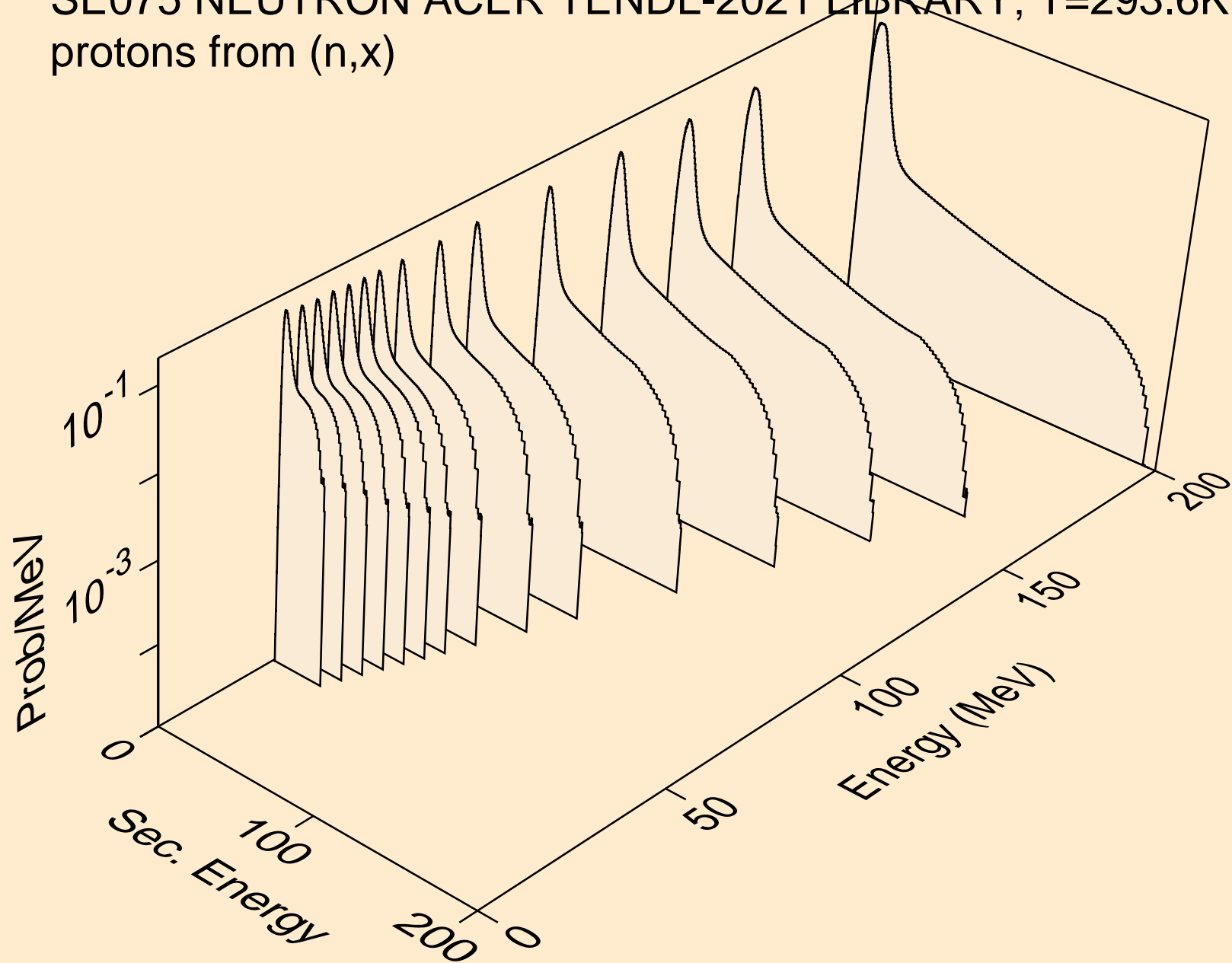
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



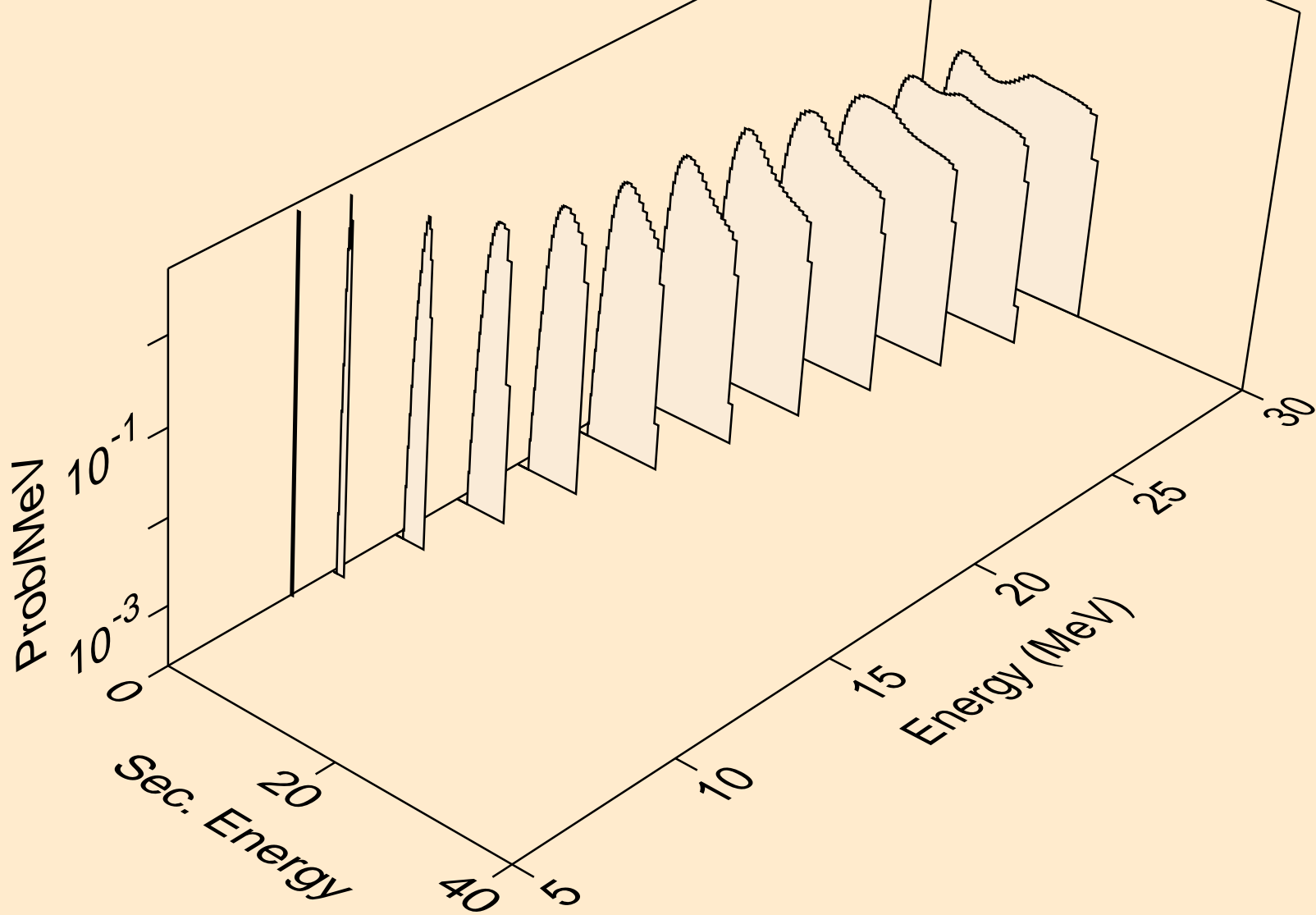
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



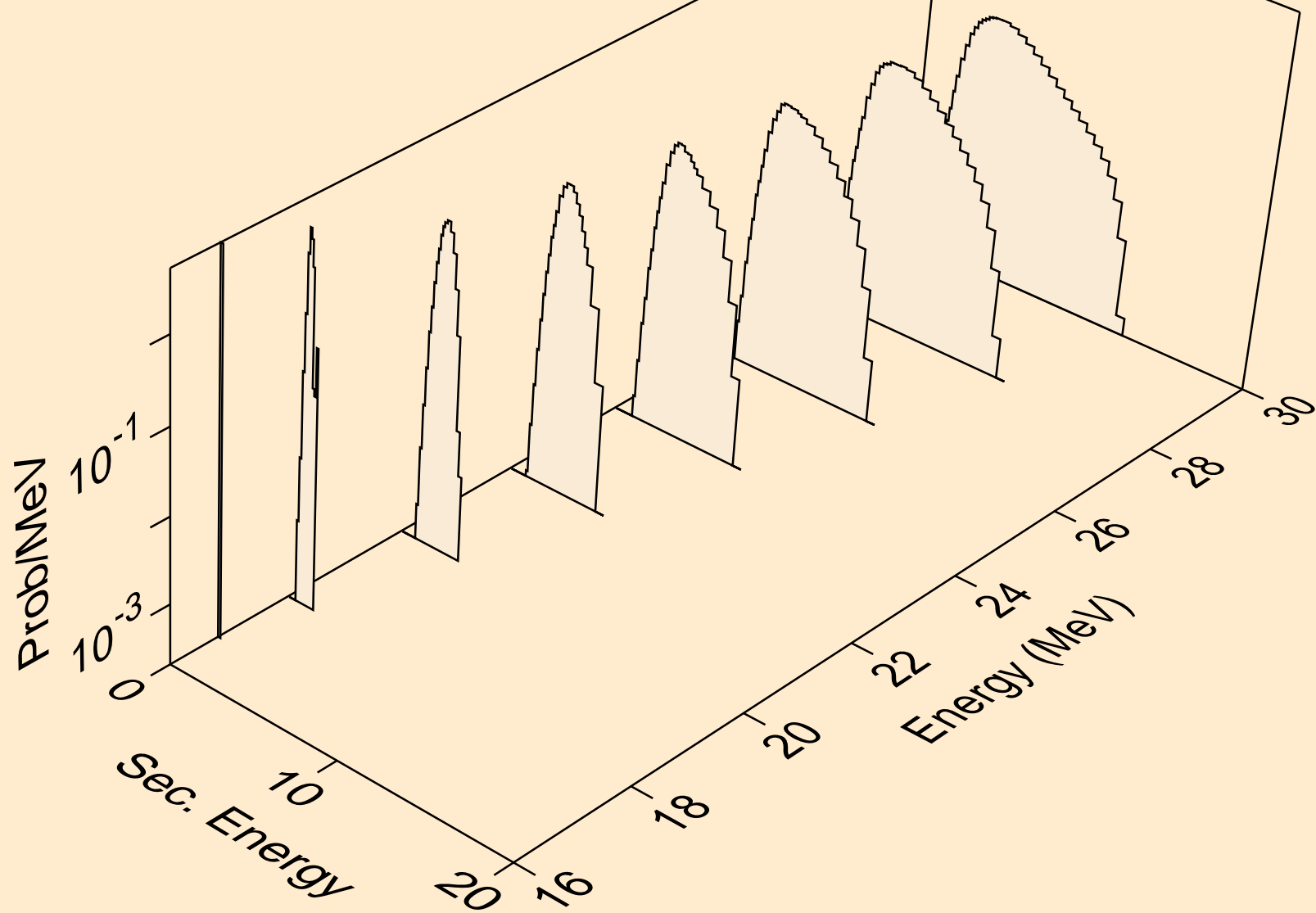
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



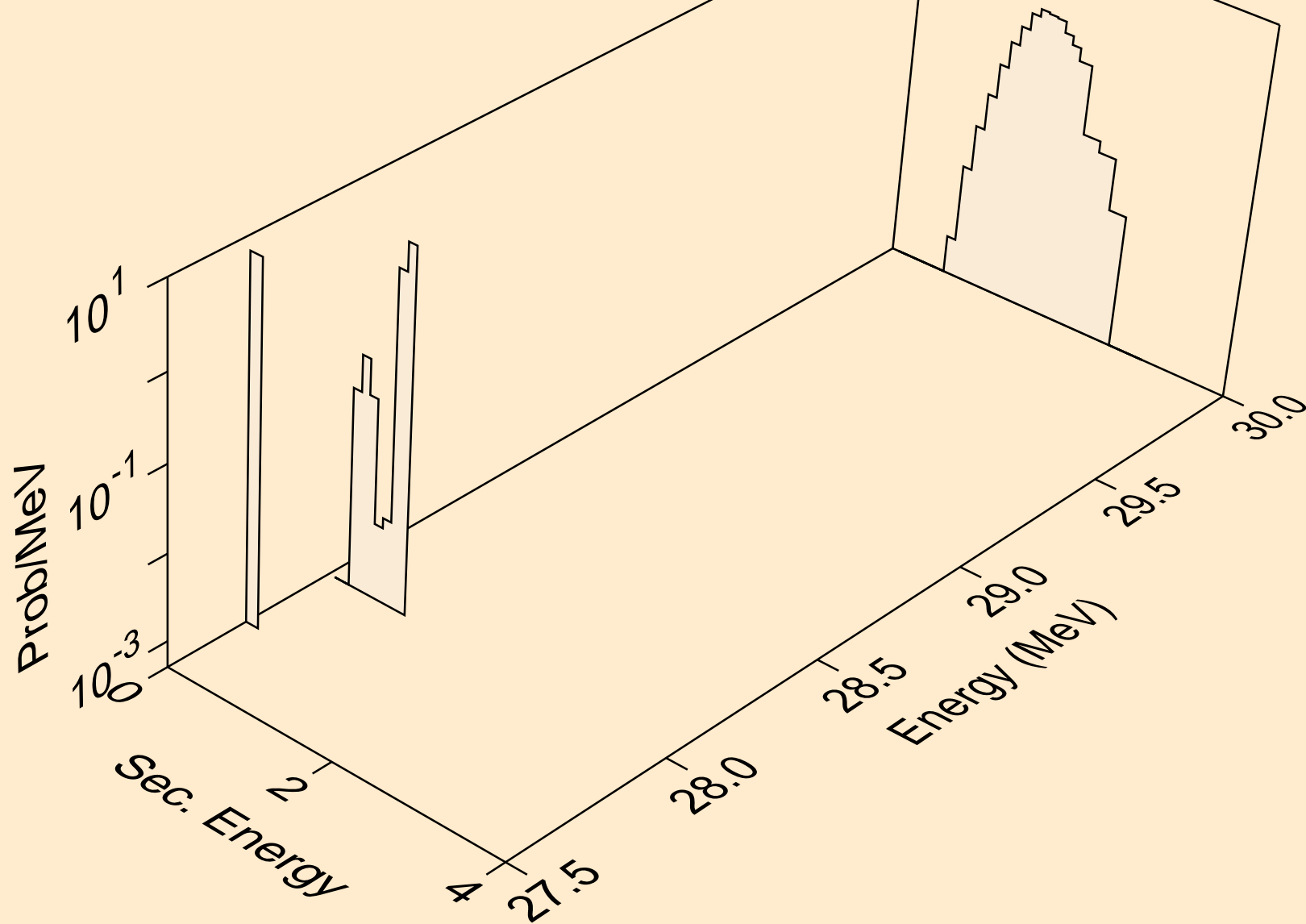
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

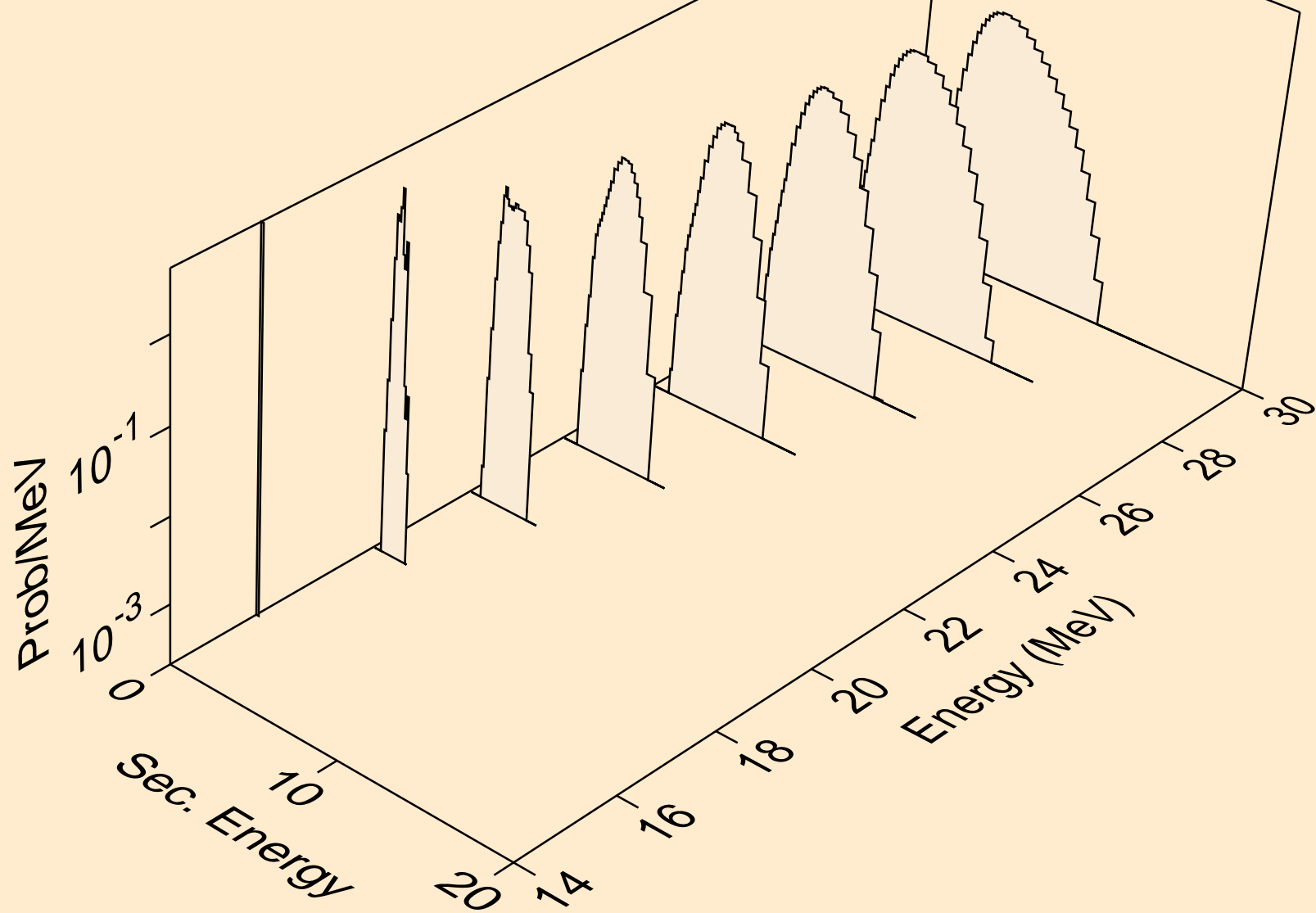


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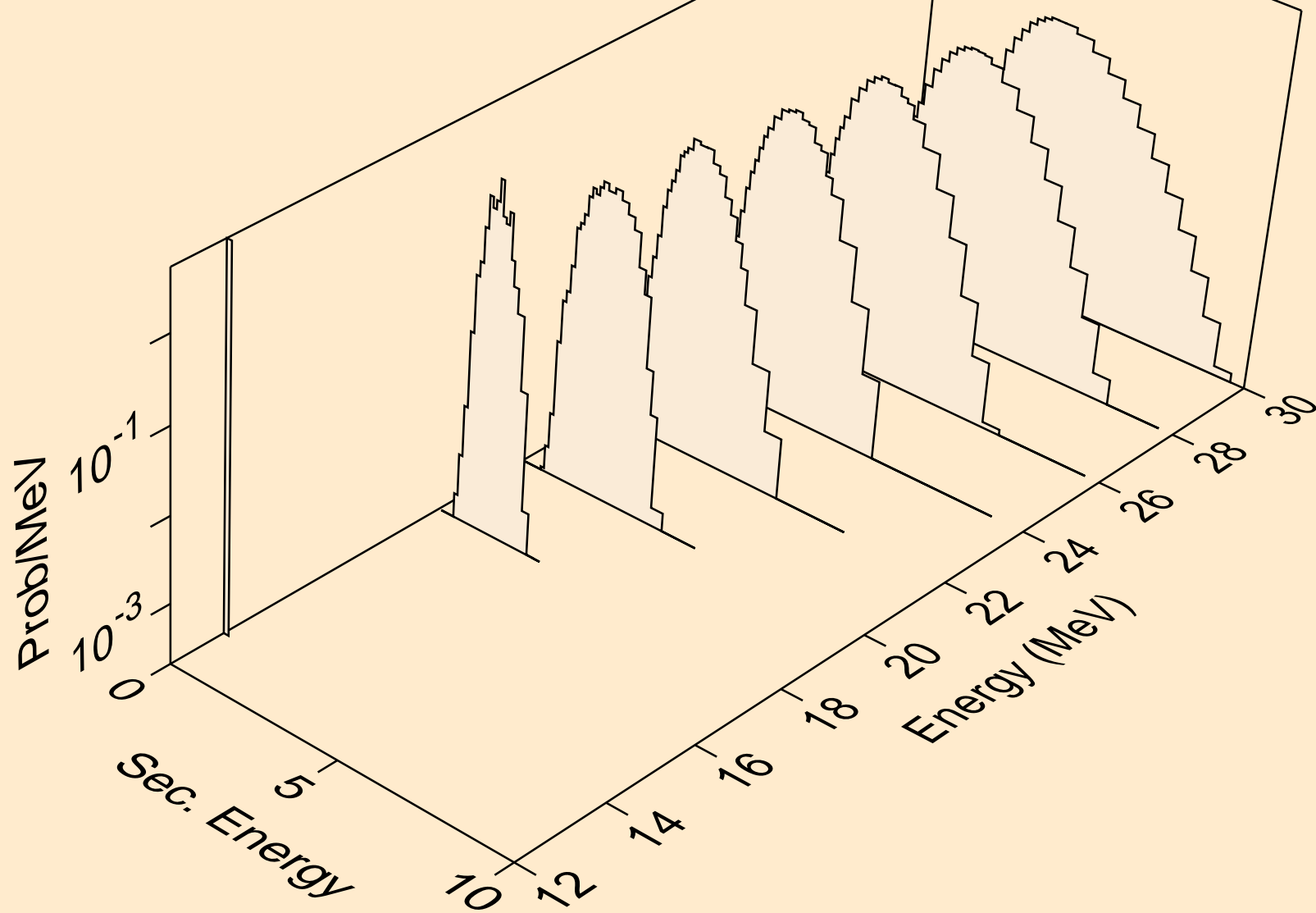




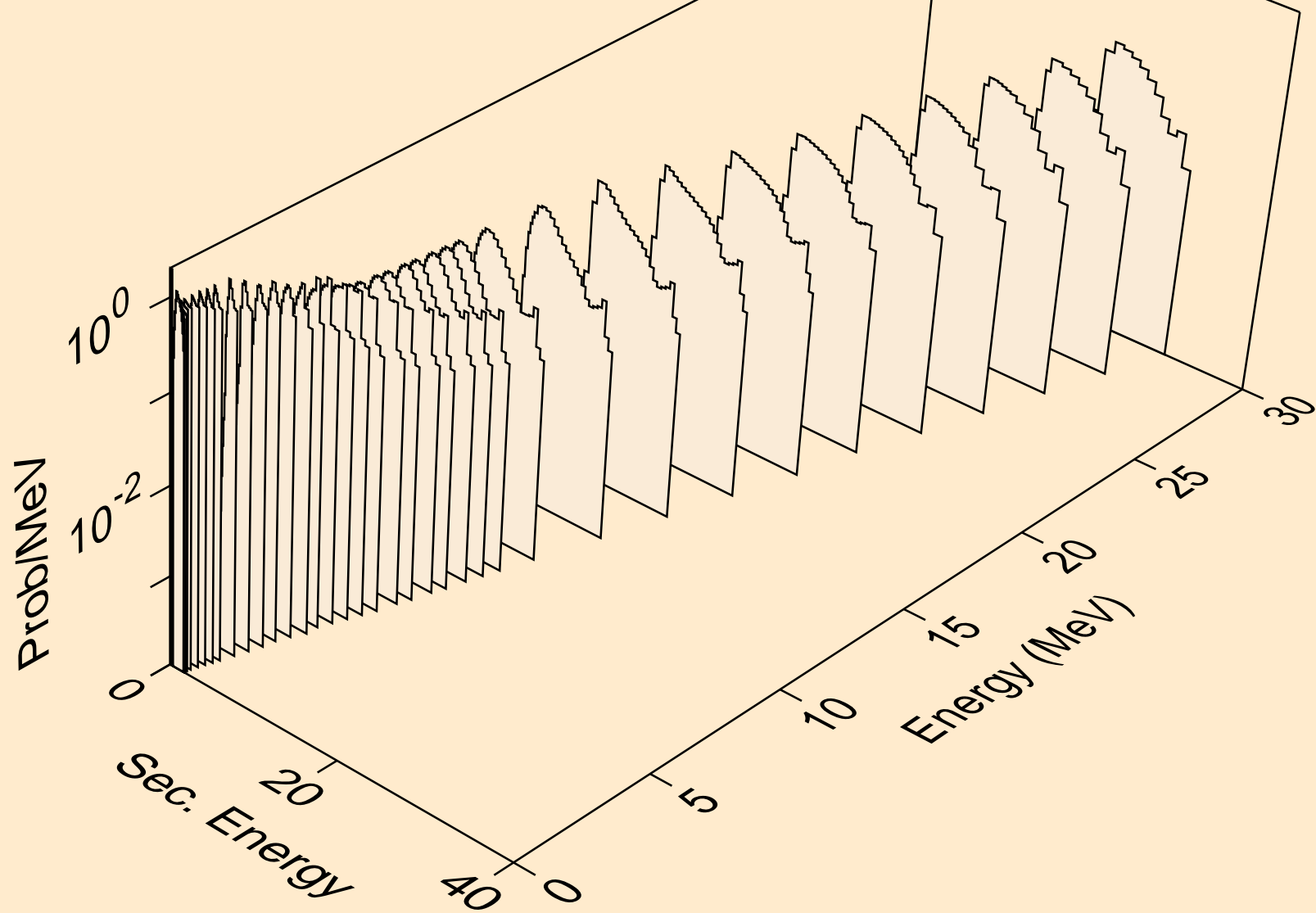
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protons from (n,2np)



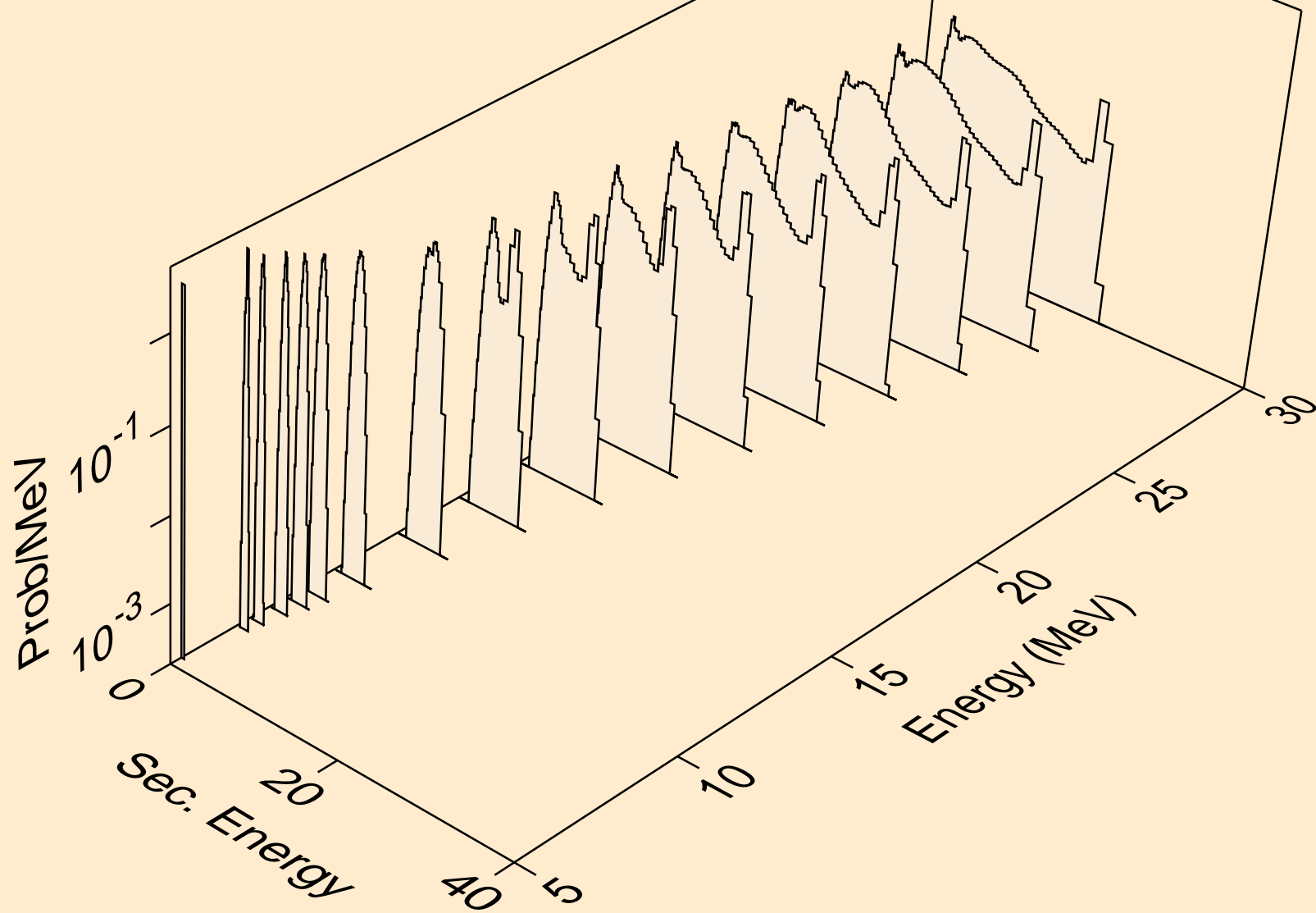
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protons from (n,npa)



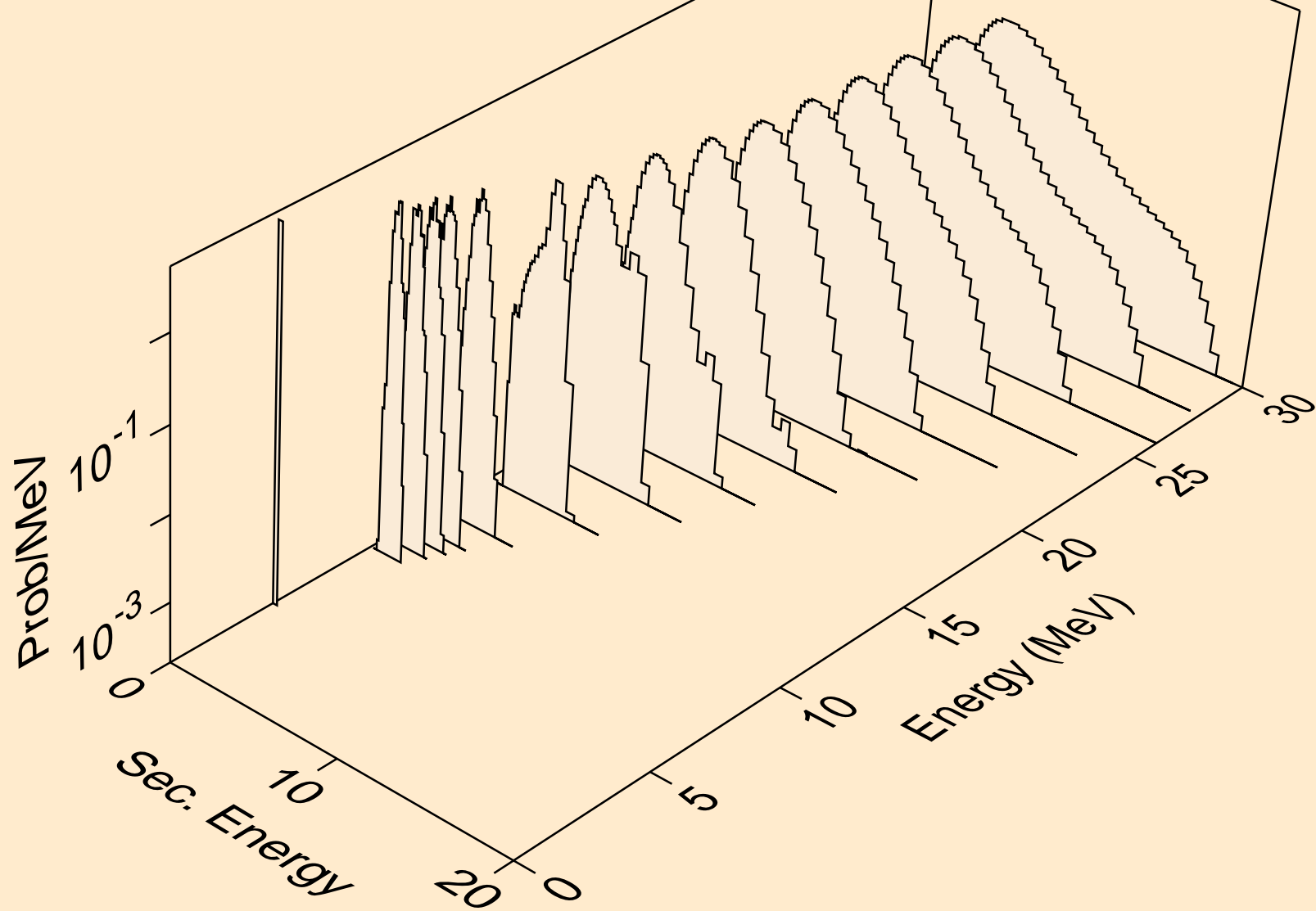
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protons from (n,p)



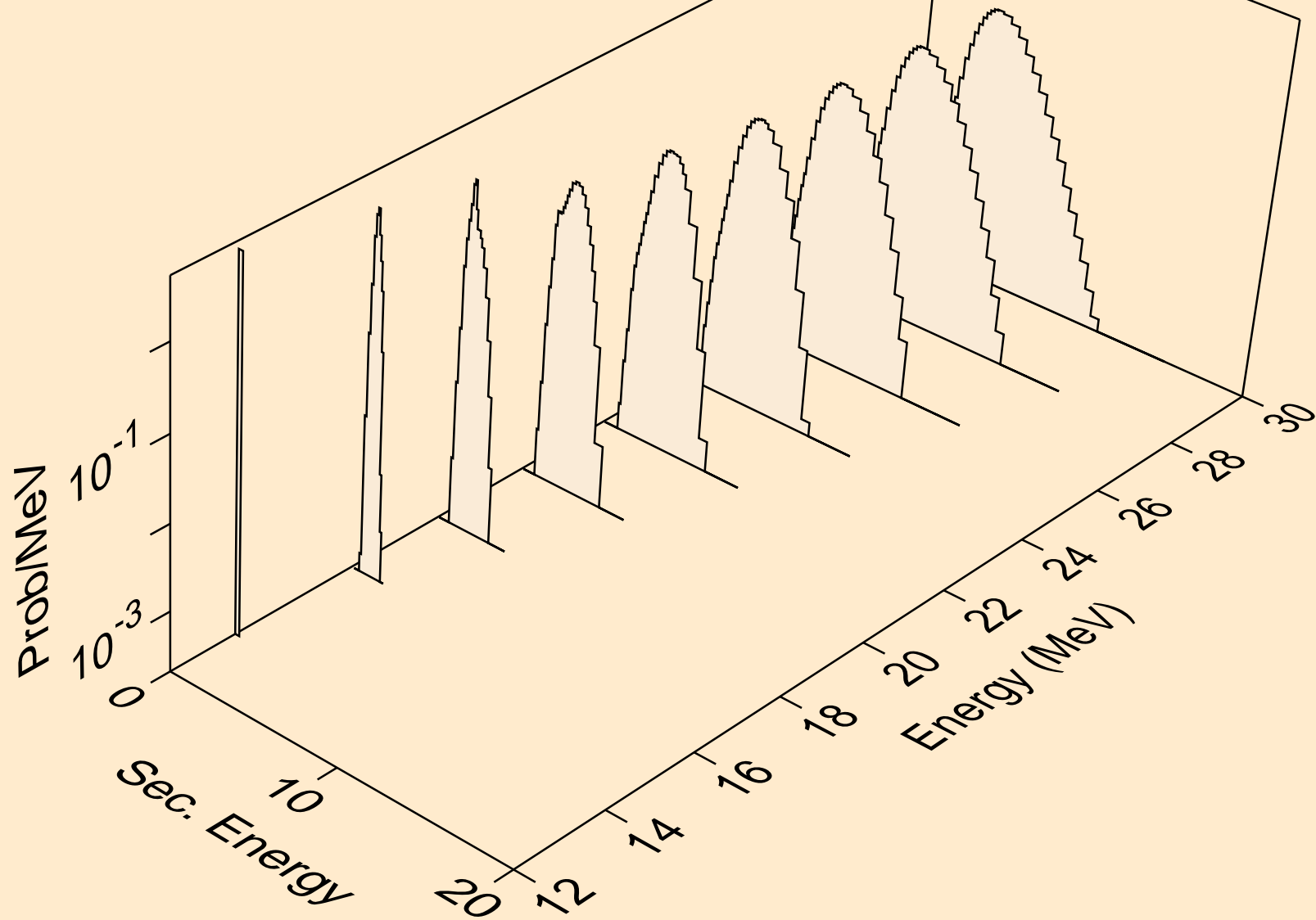
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protons from (n,2p)



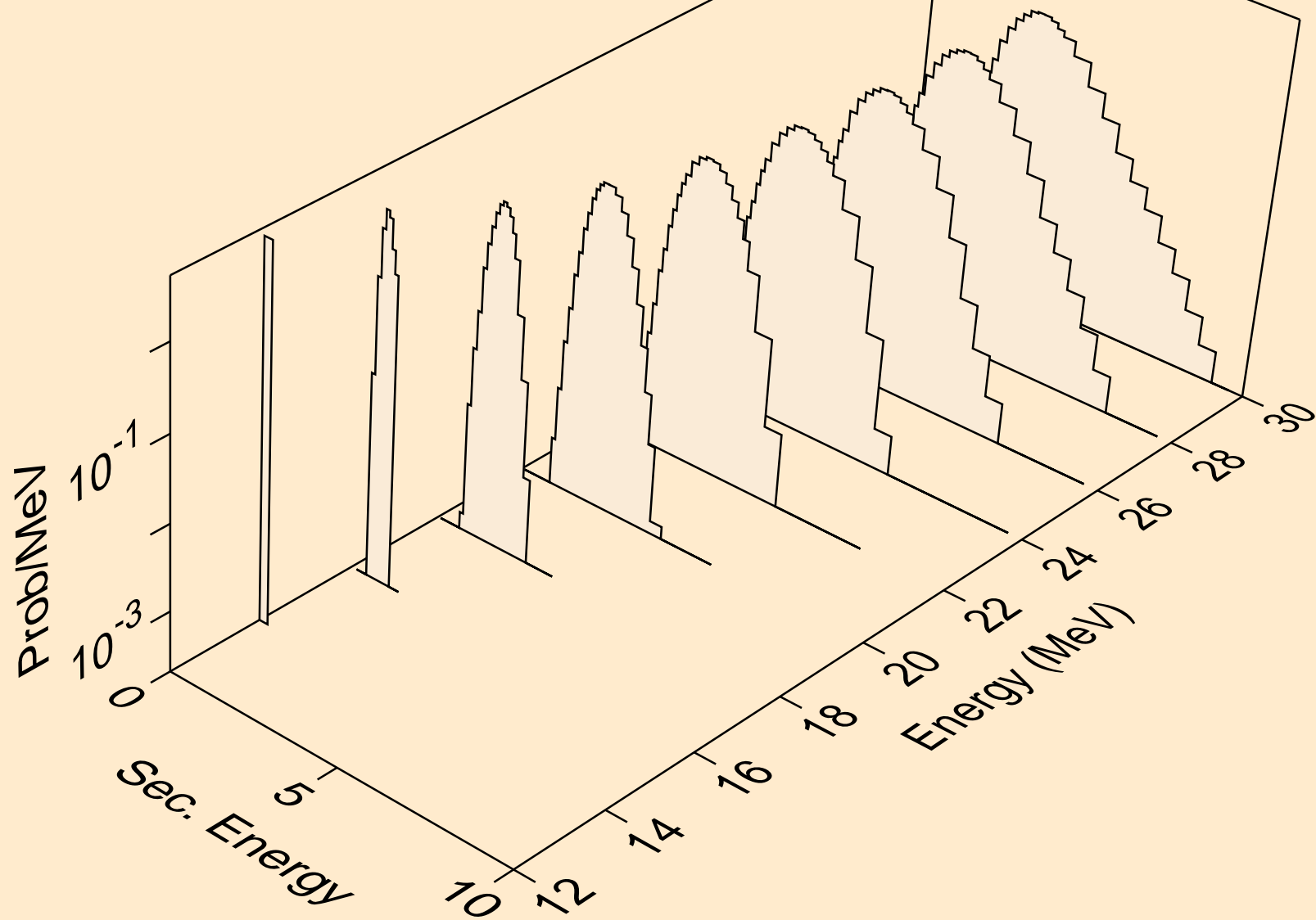
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protons from (n,p)



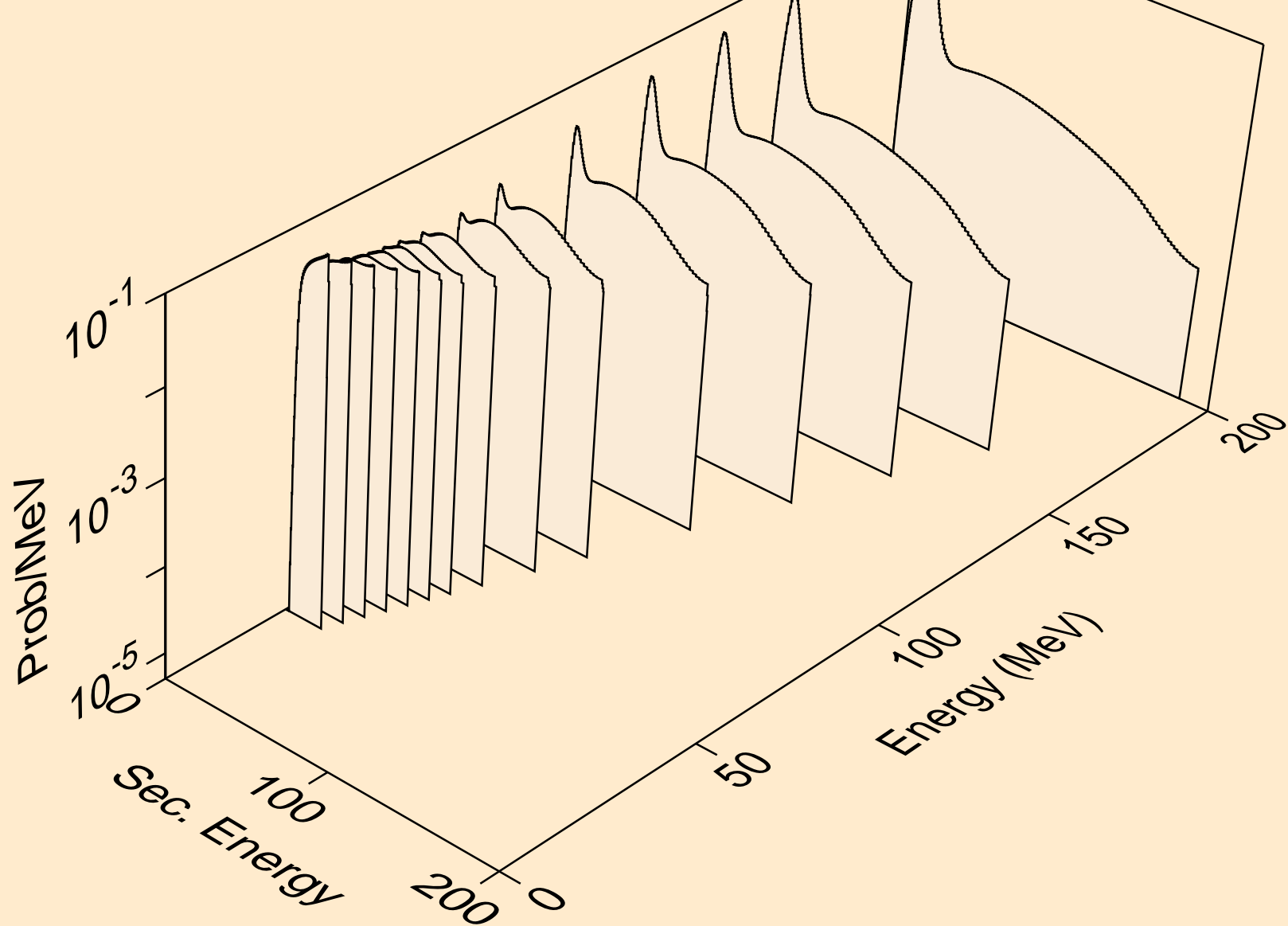
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protons from (n,pd)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

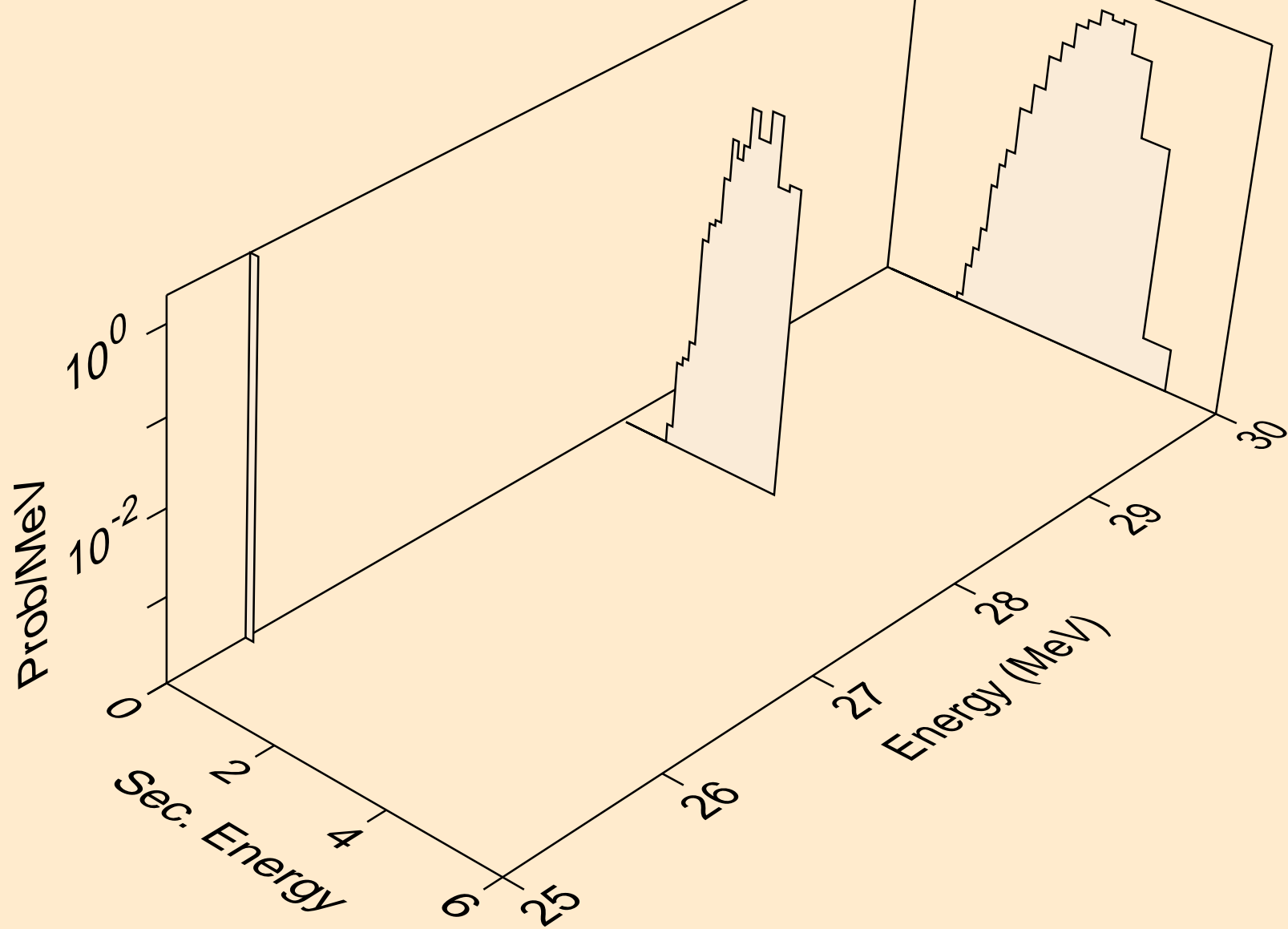


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deuterons from (n,x)

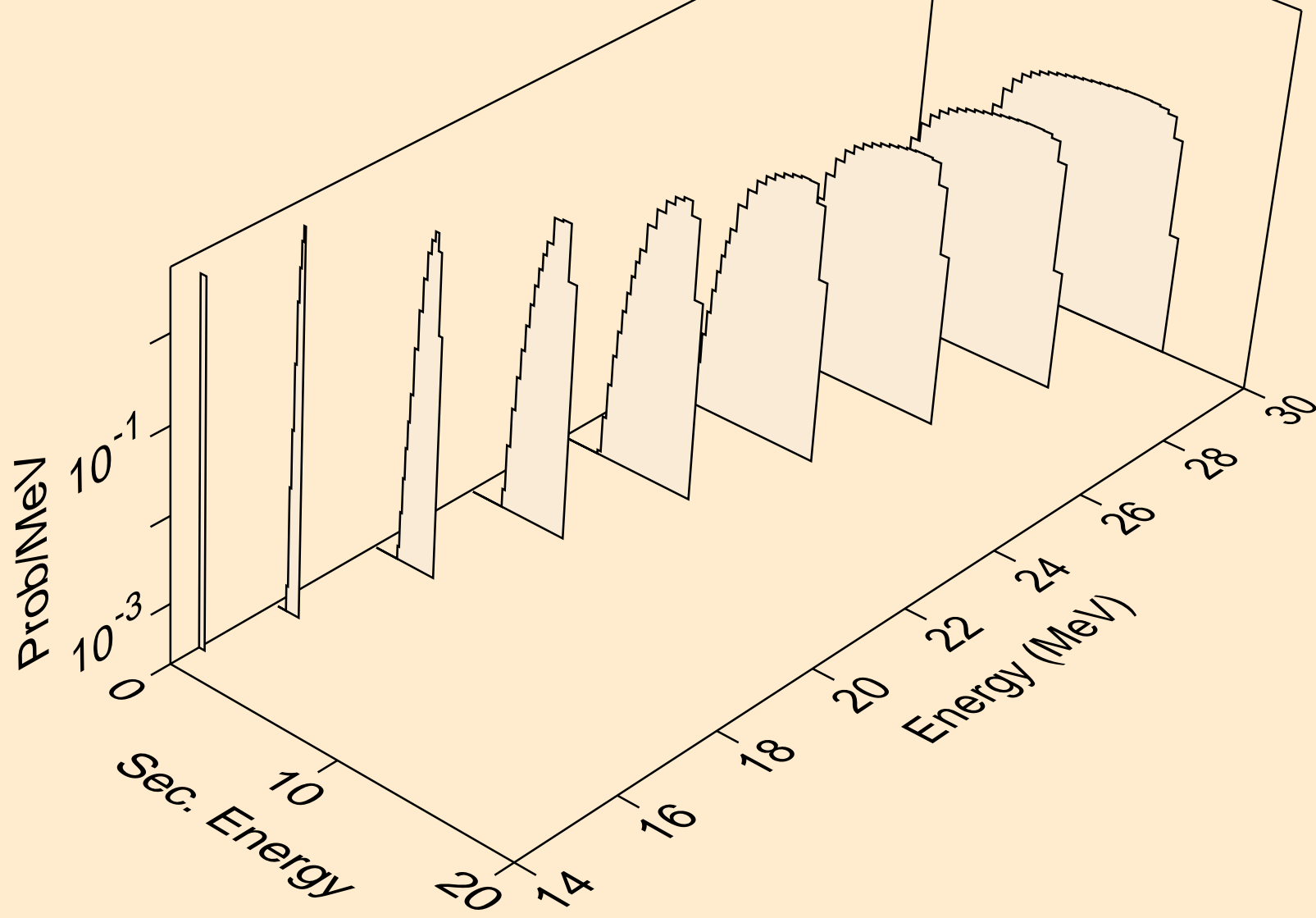




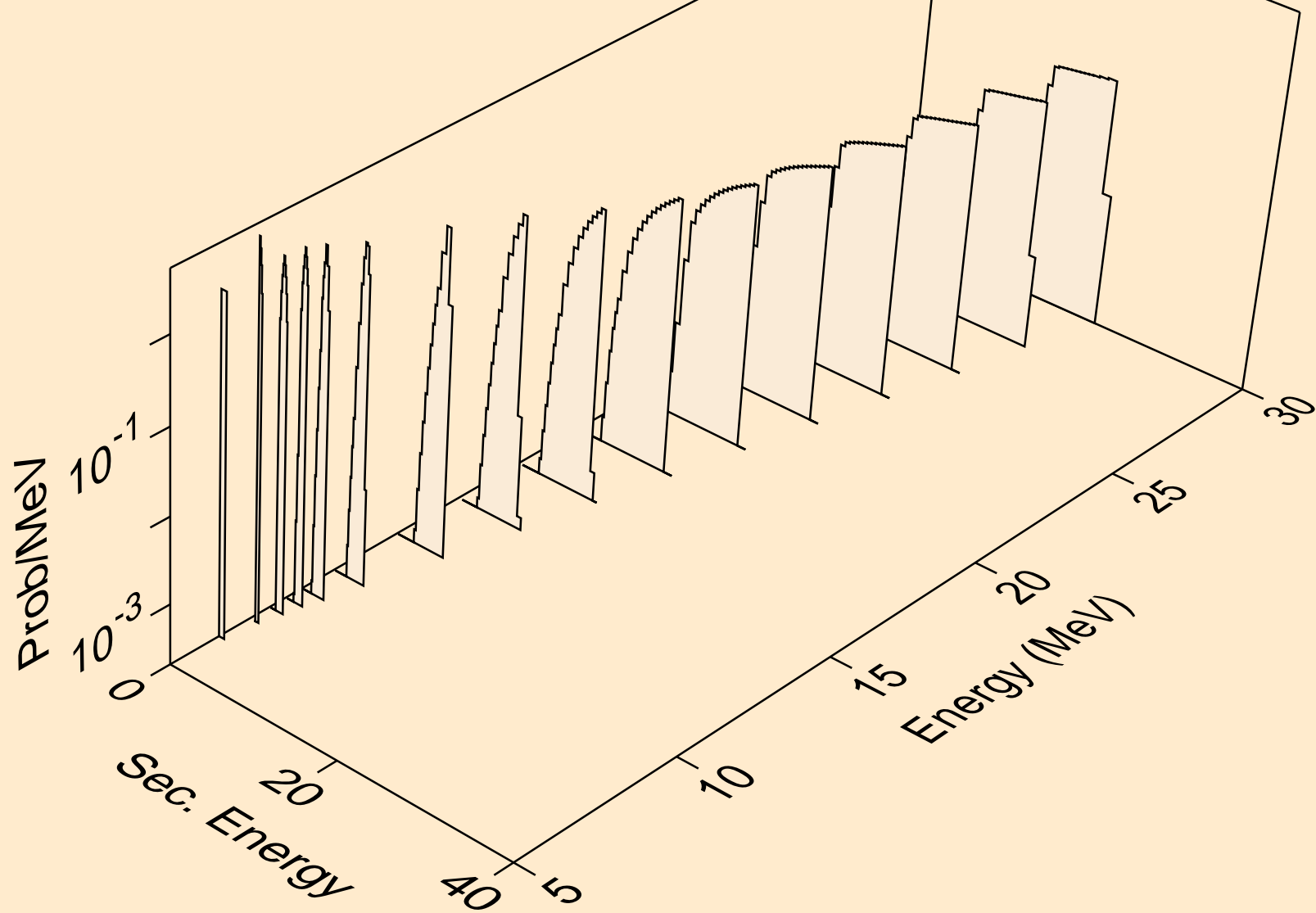
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deuterons from (n,2nd)



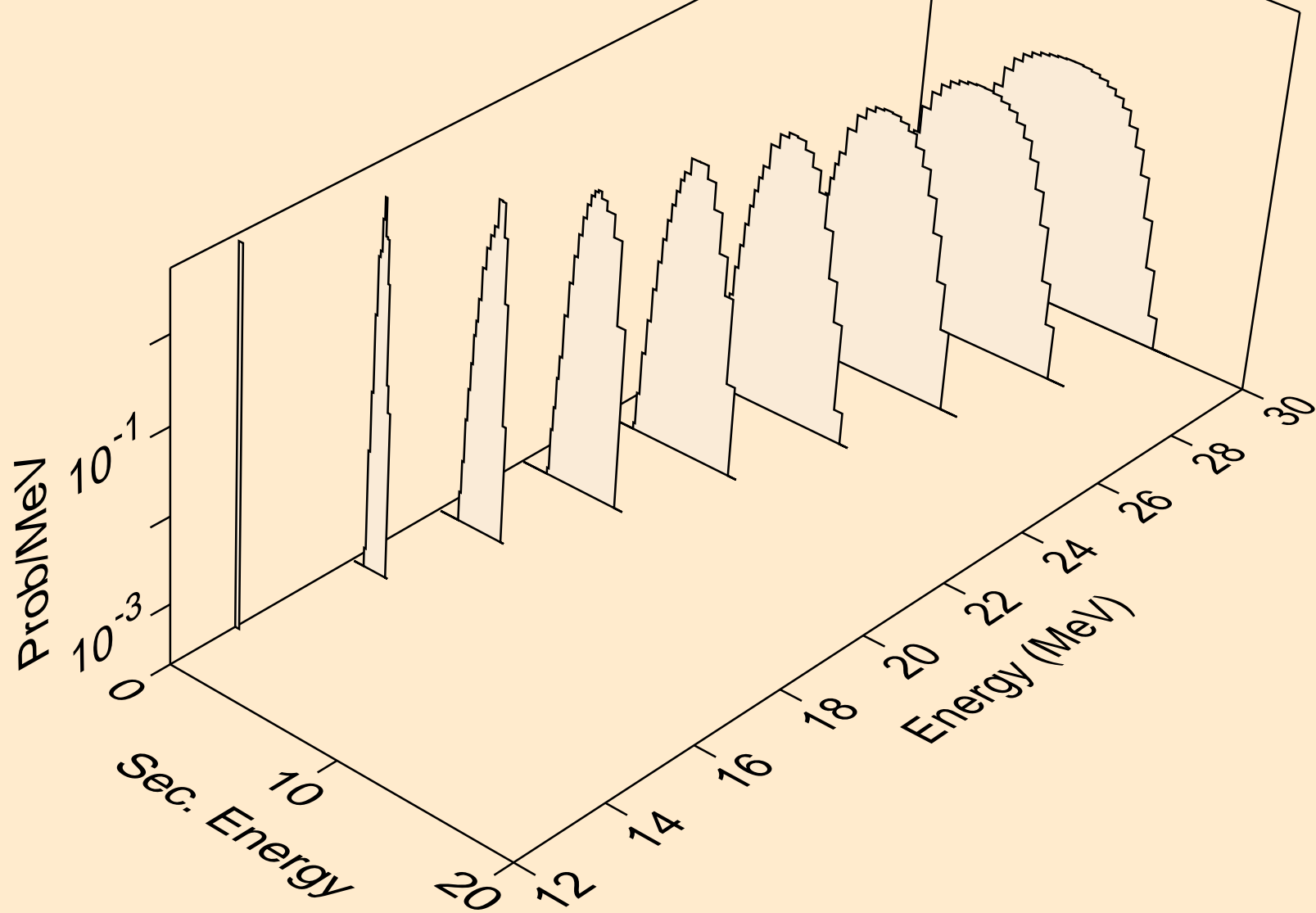
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deuterons from (n,n\*)d



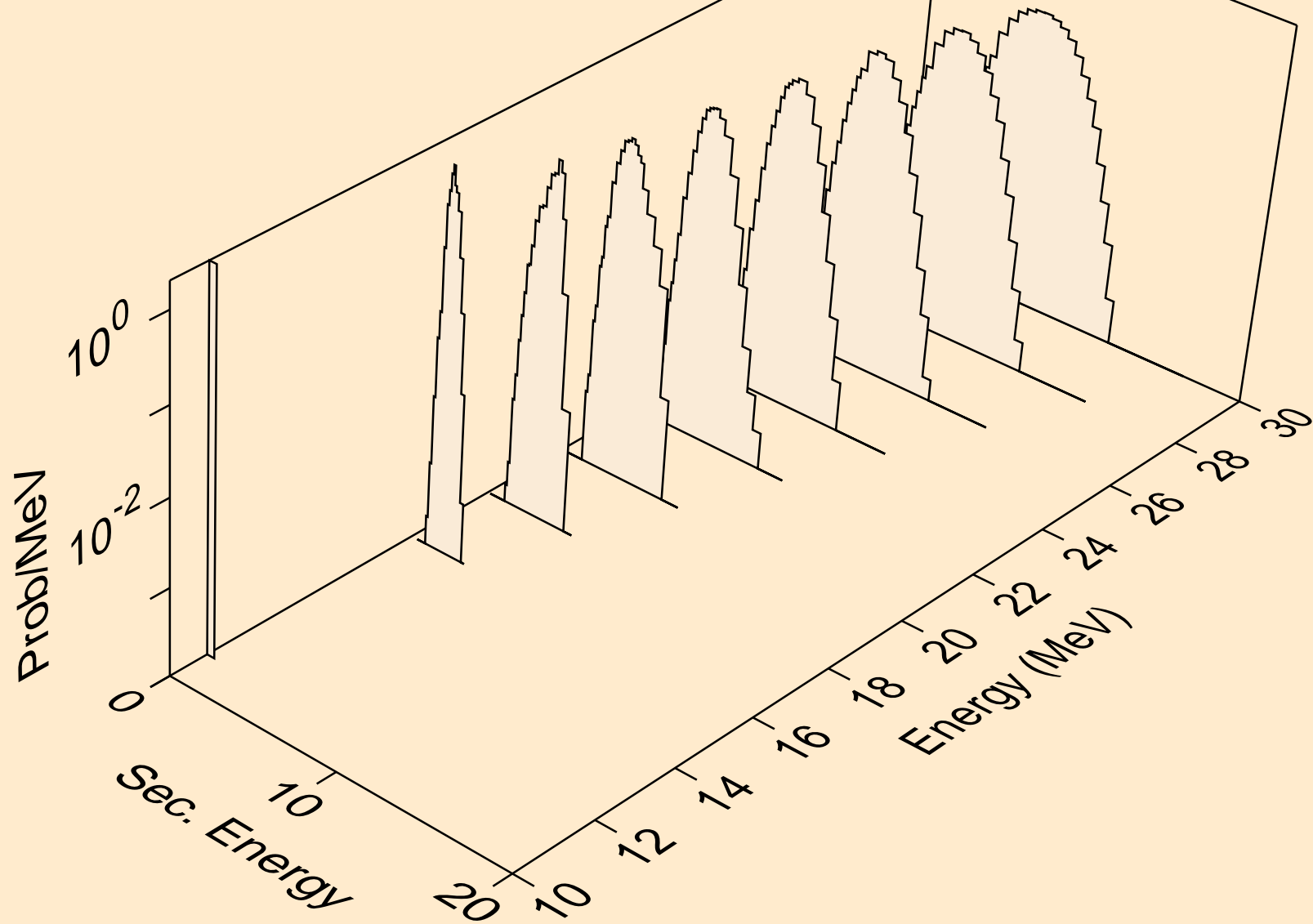
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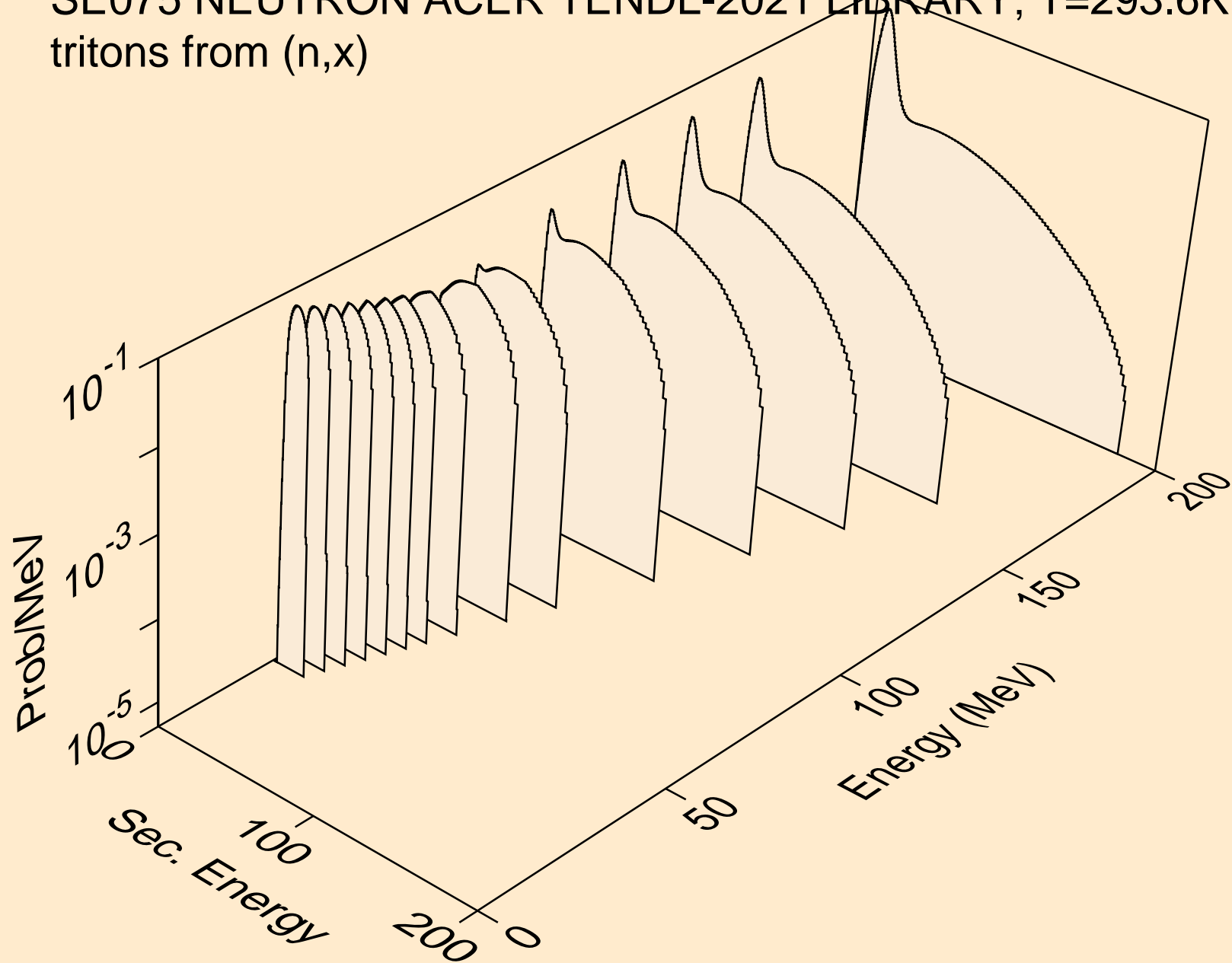
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deuterons from (n,pd)



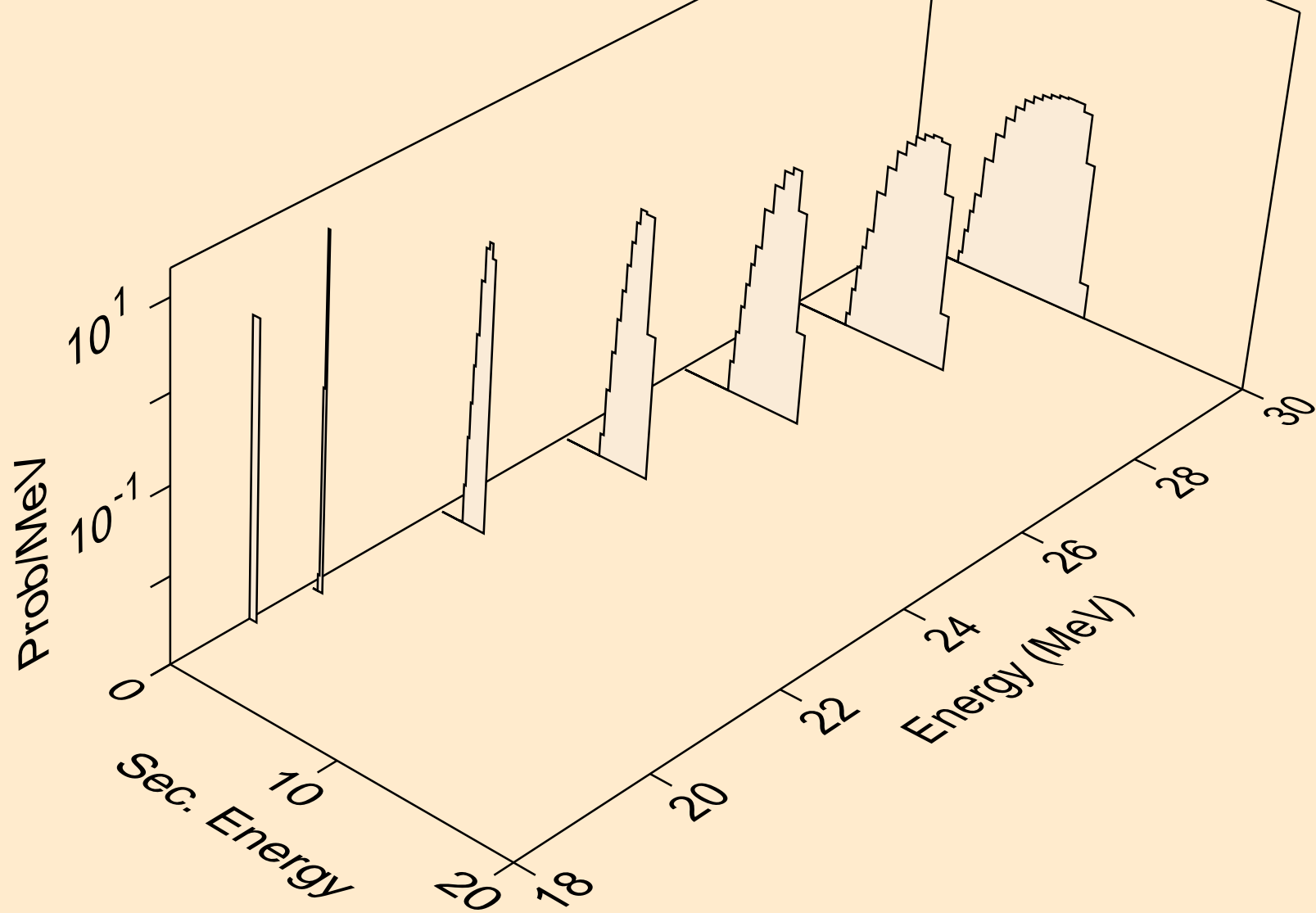
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deuterons from (n,da)



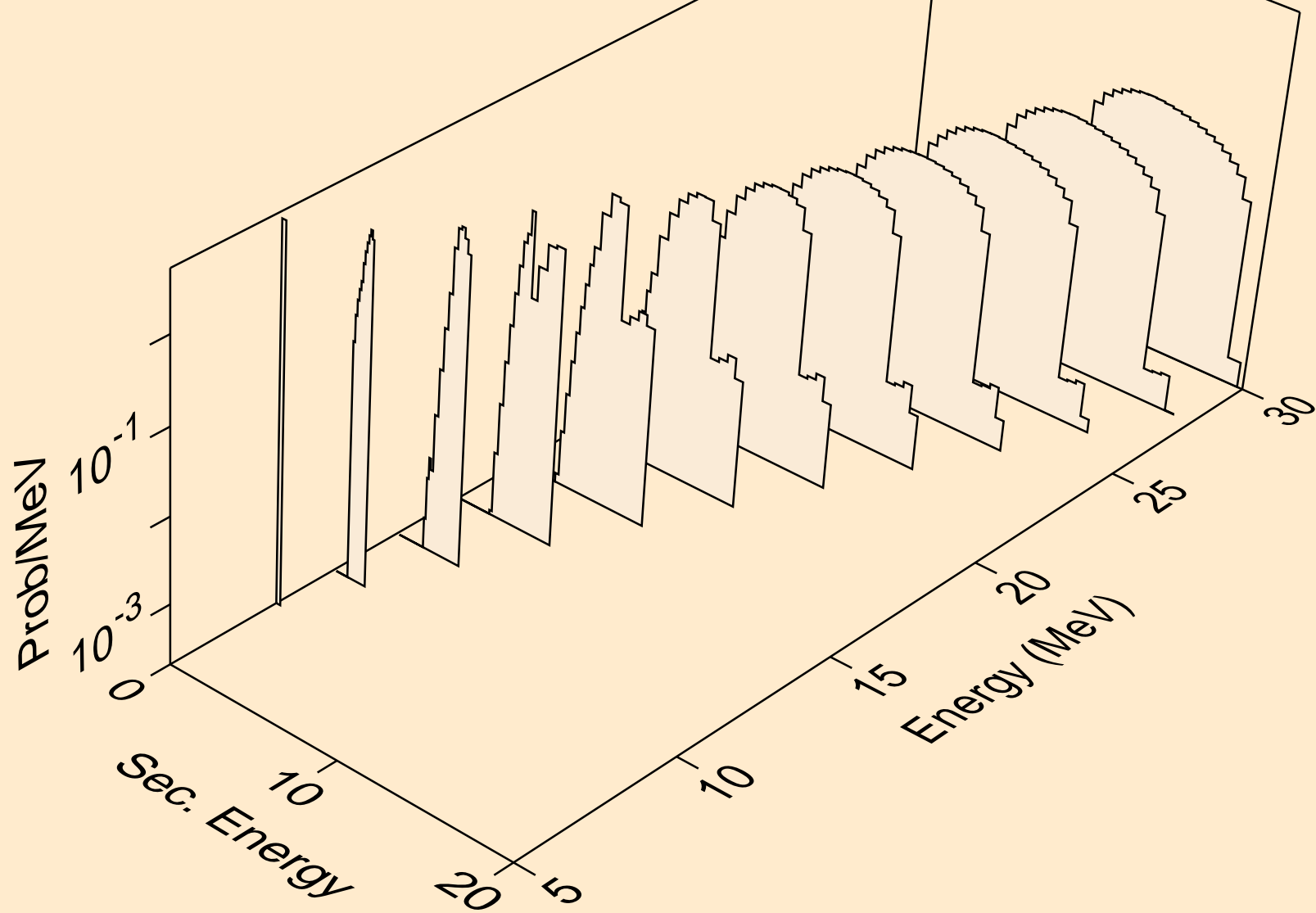
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

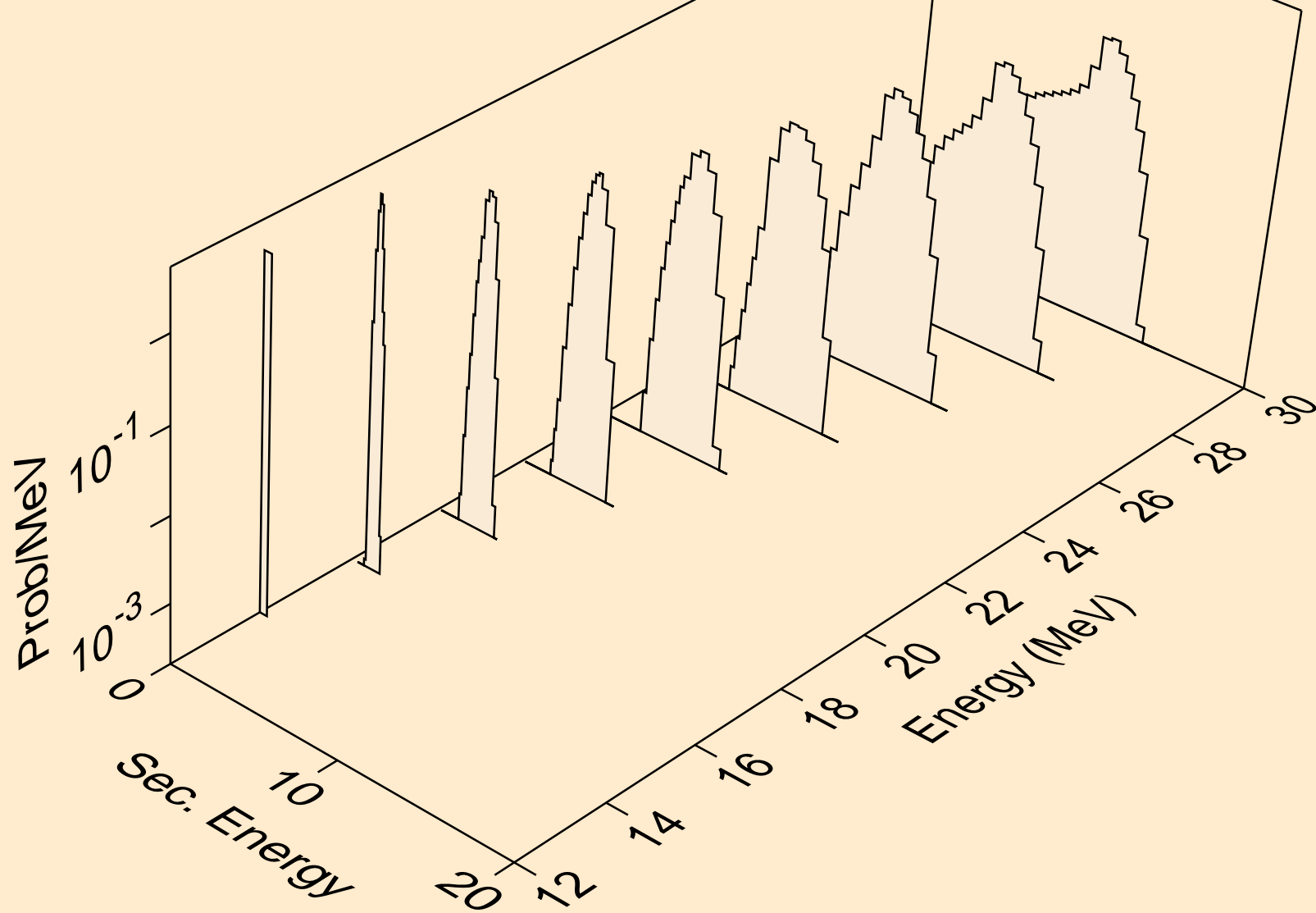


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

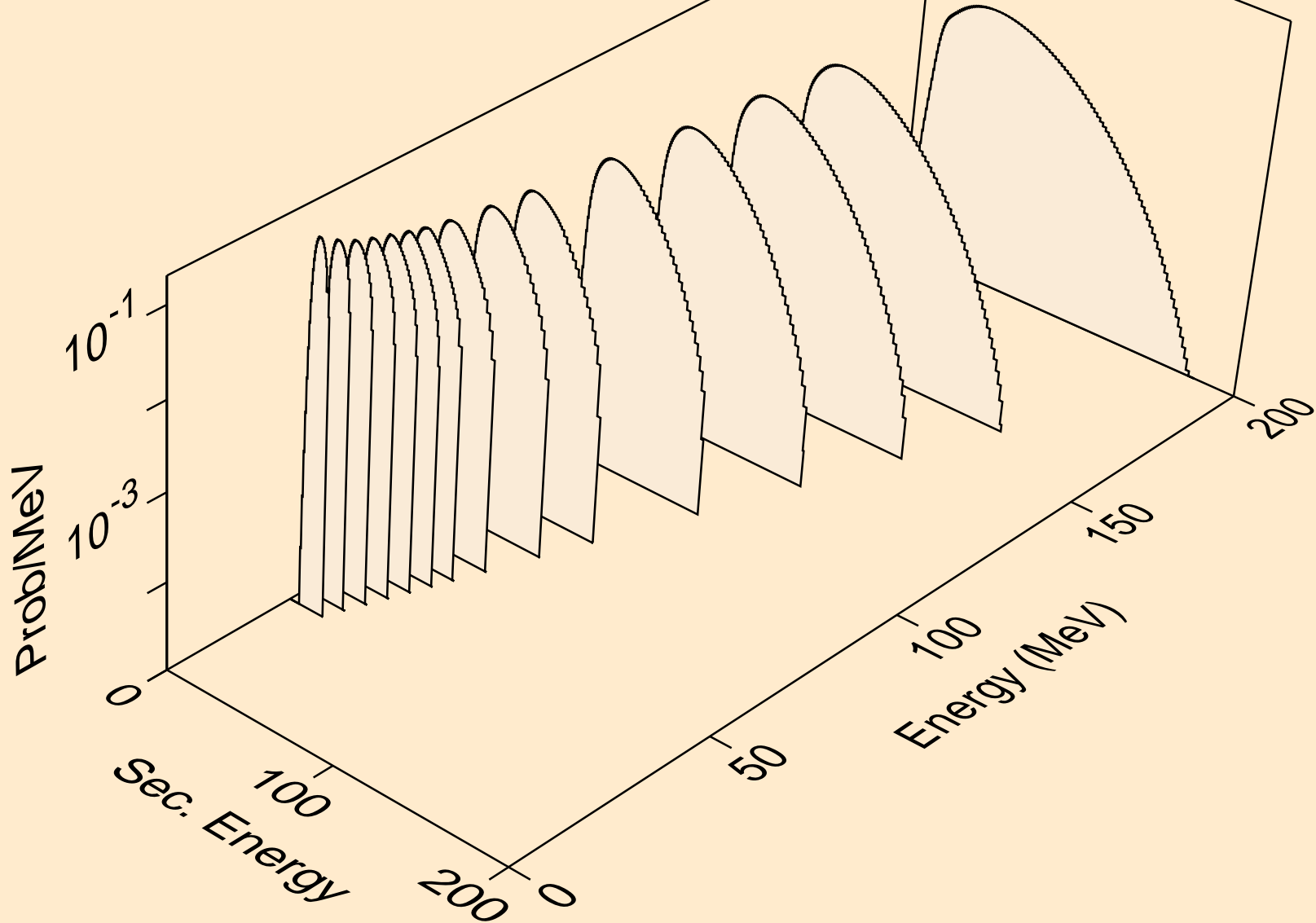




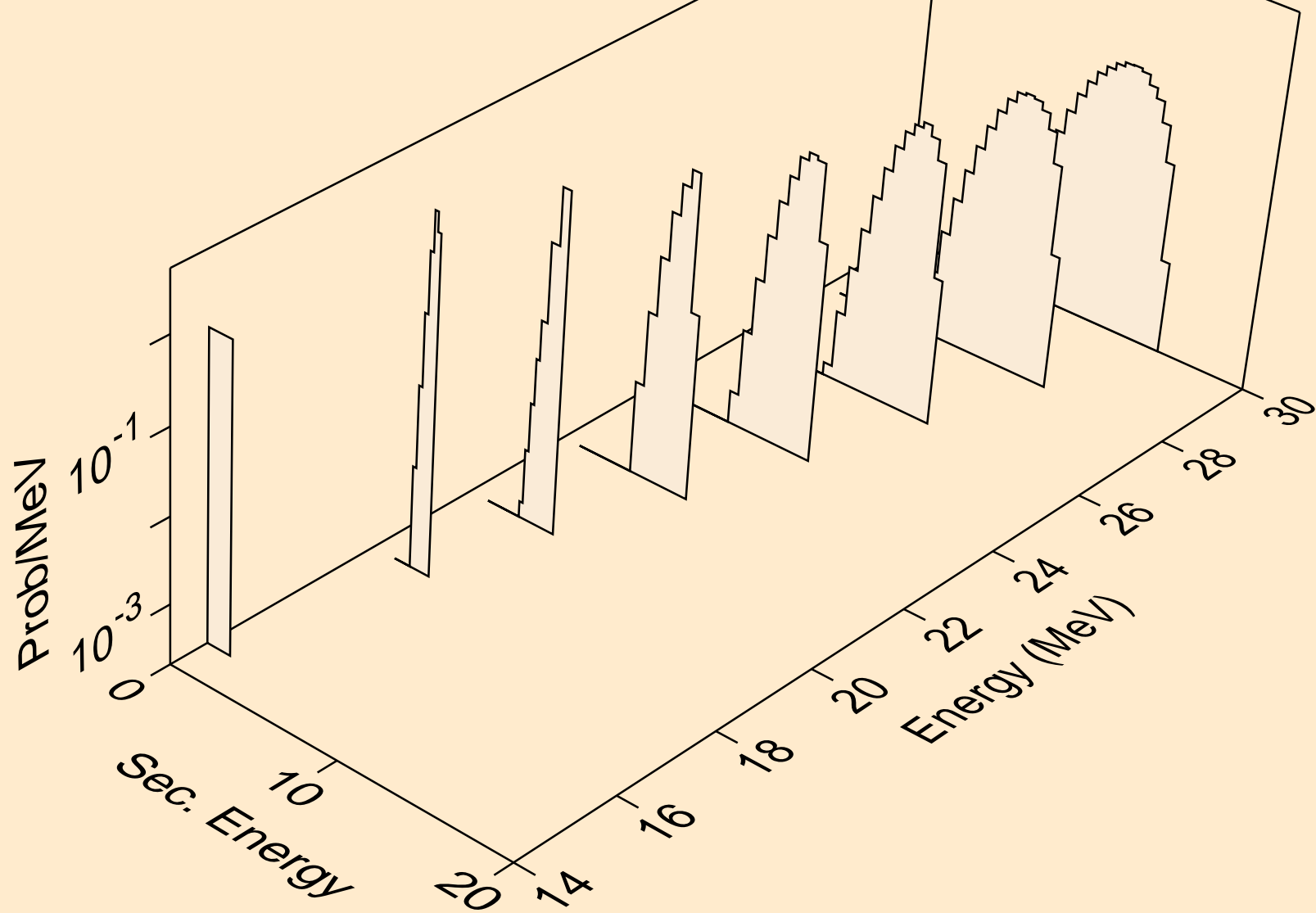
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tritons from (n,pt)



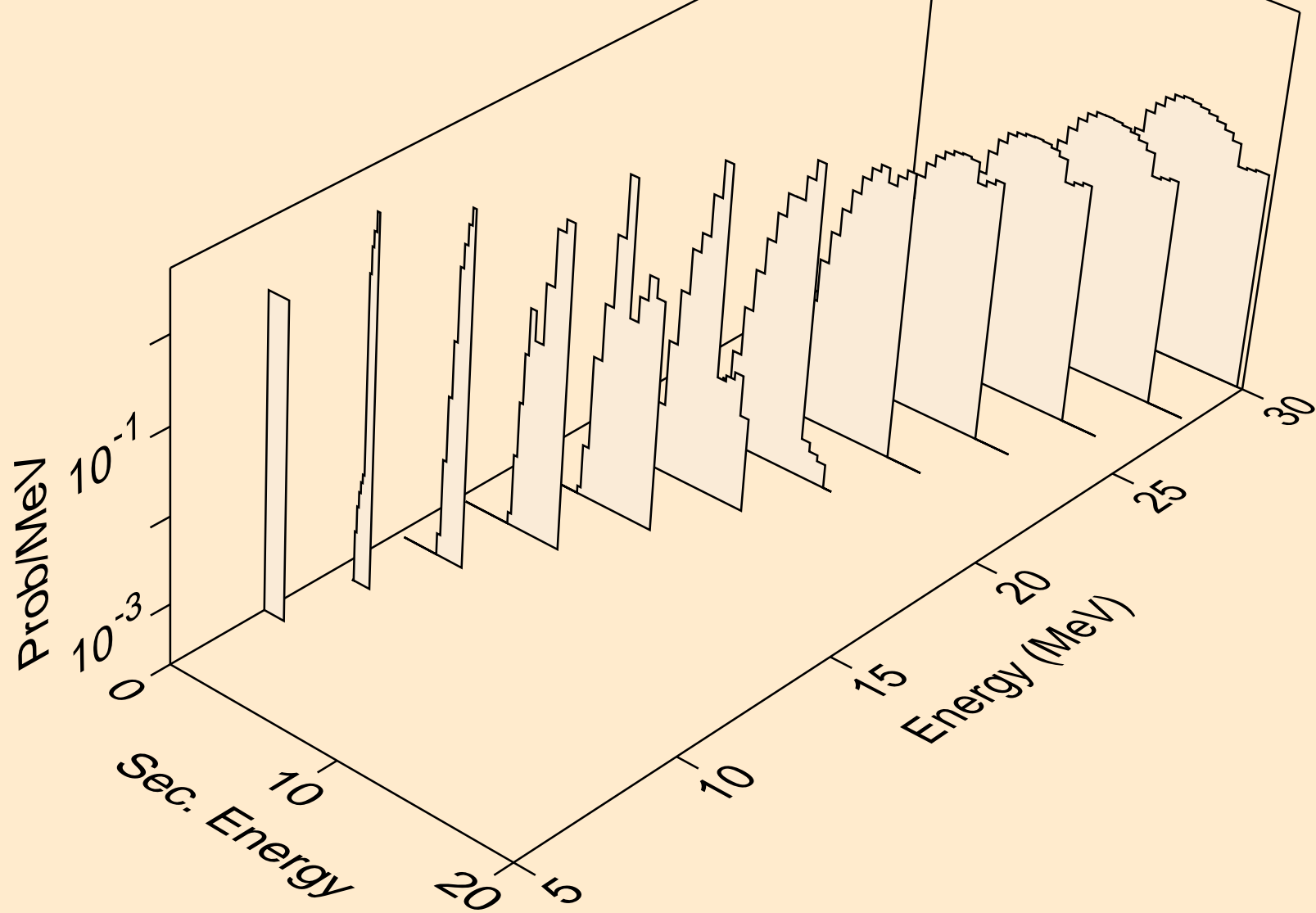
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



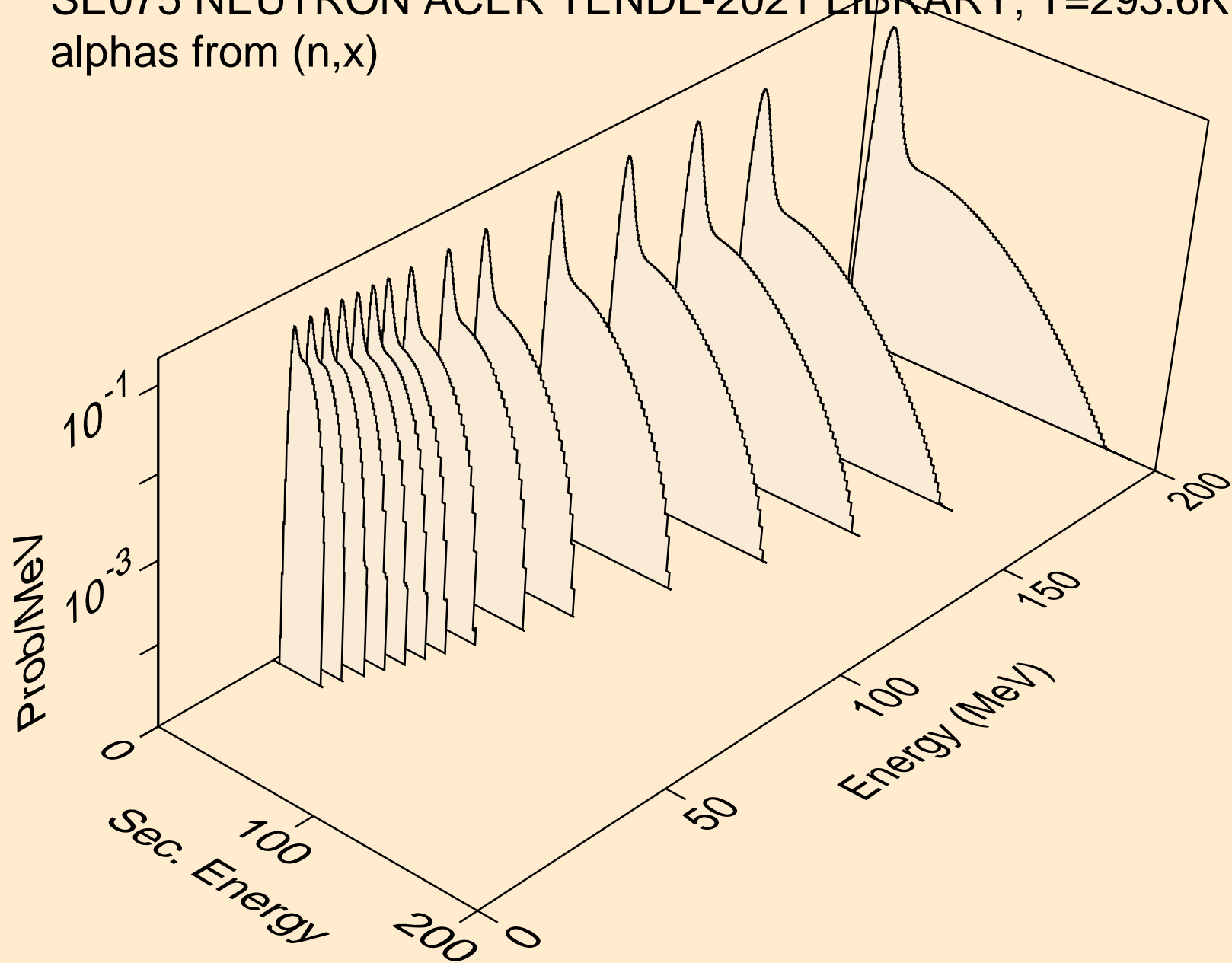
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he3s from (n,n\*)he3



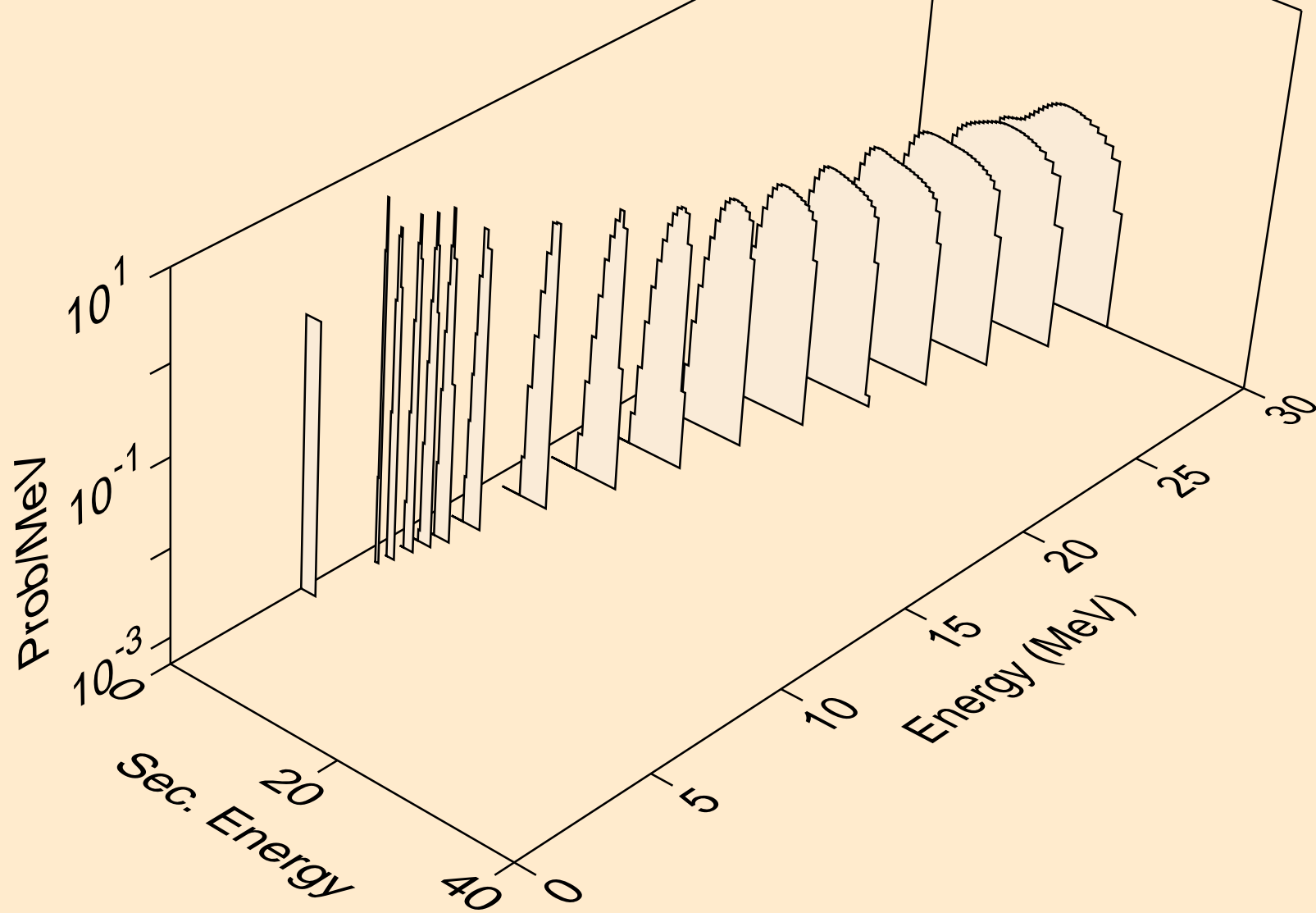
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he3s from (n,he3)



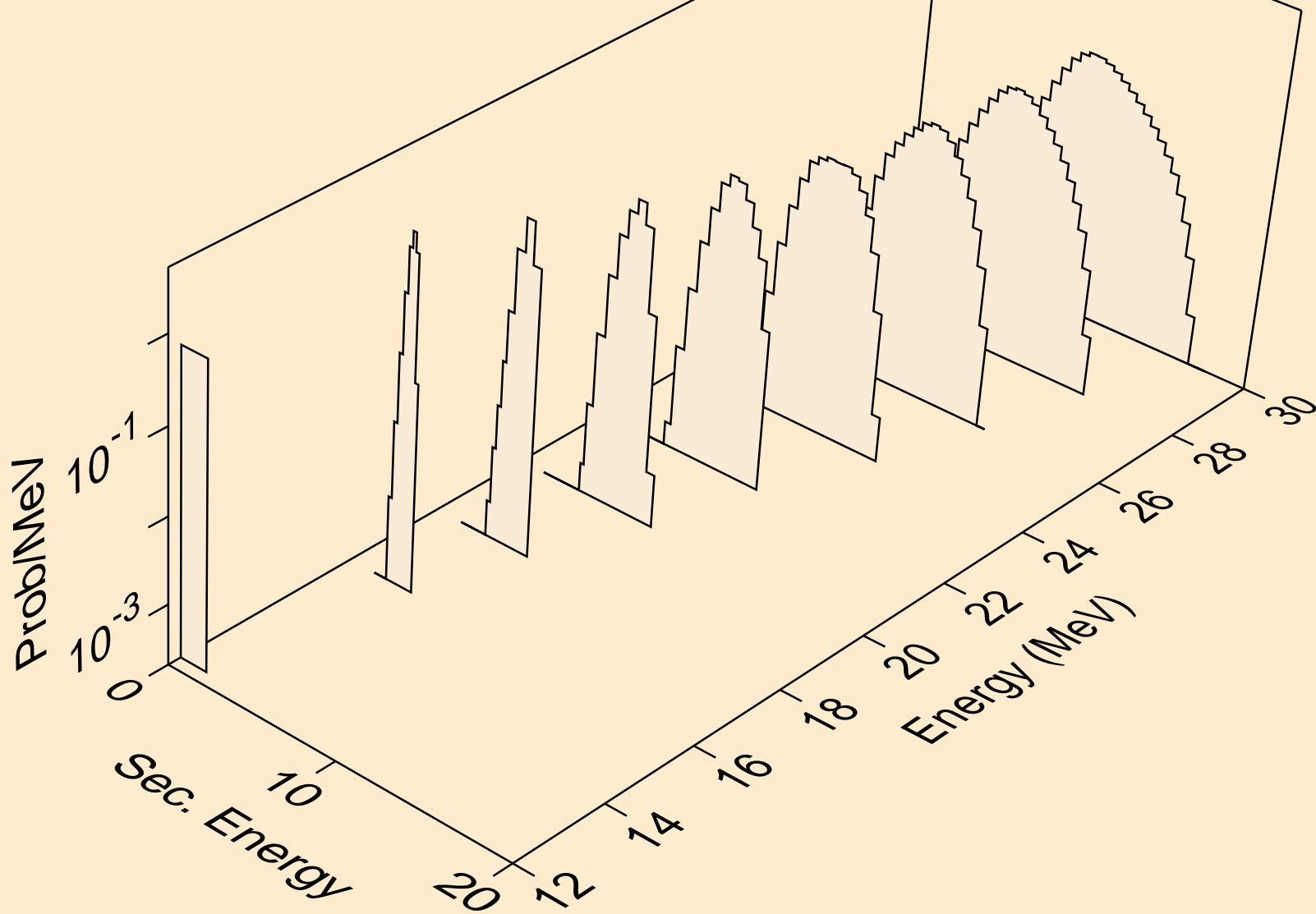
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



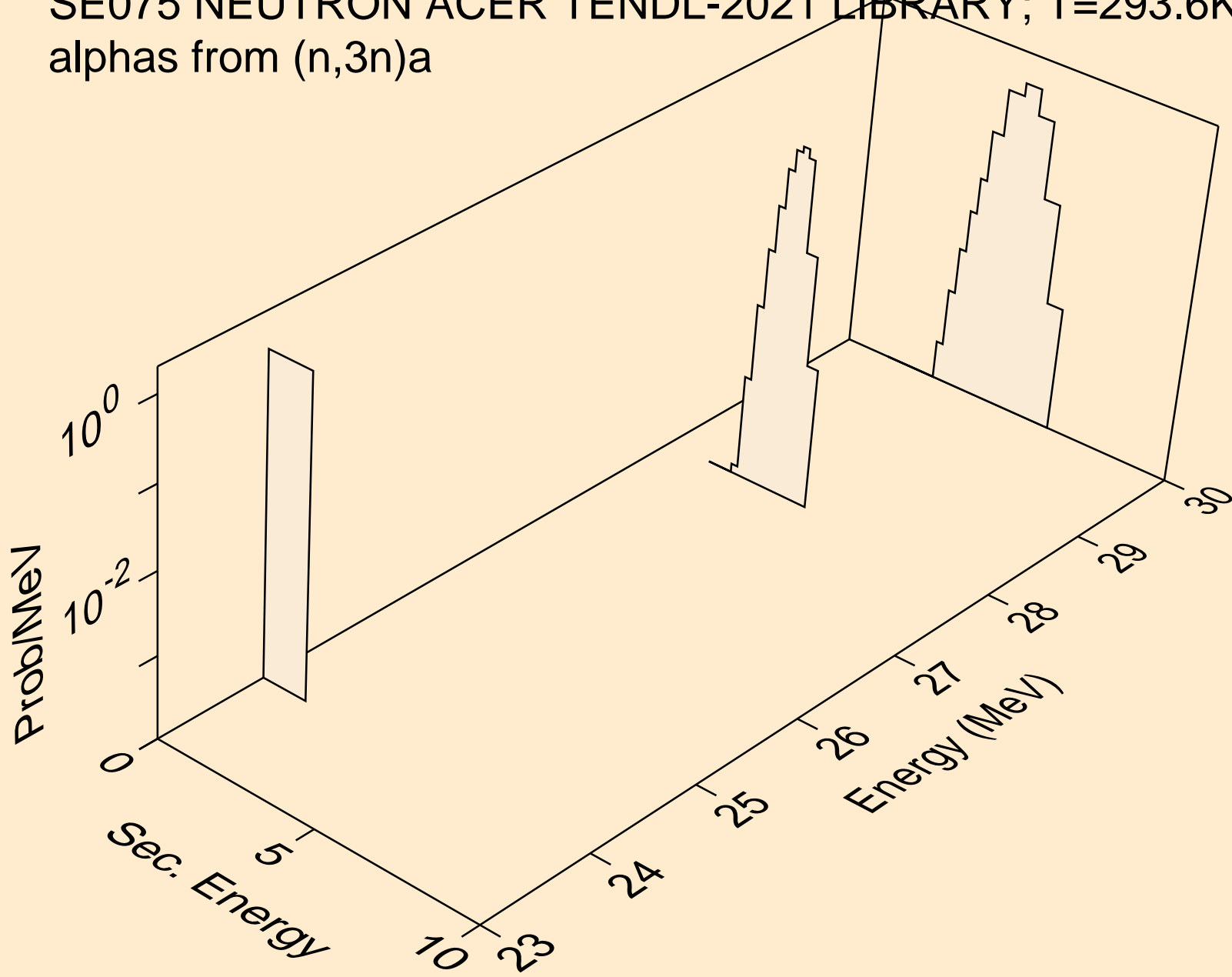
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

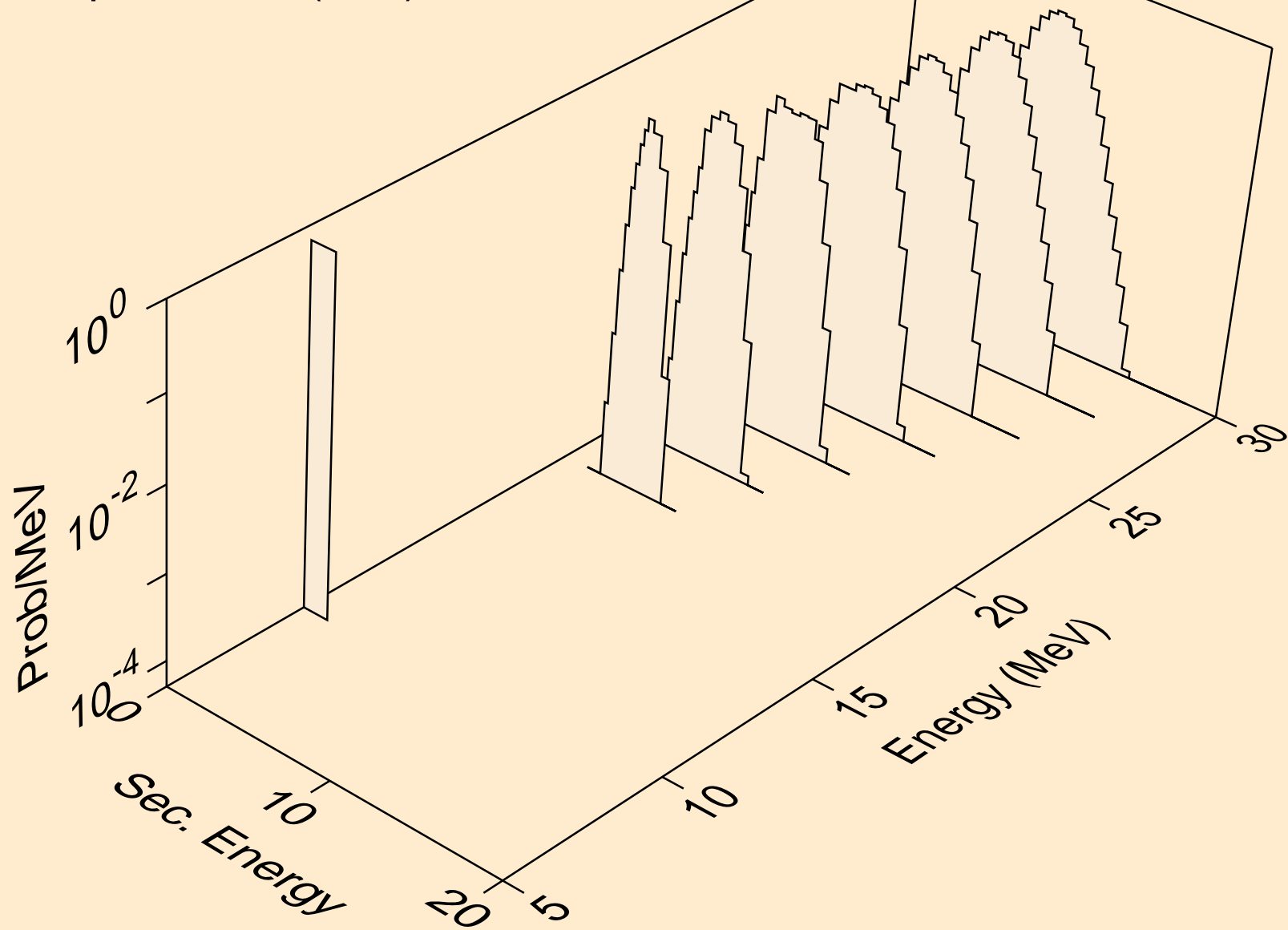


SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

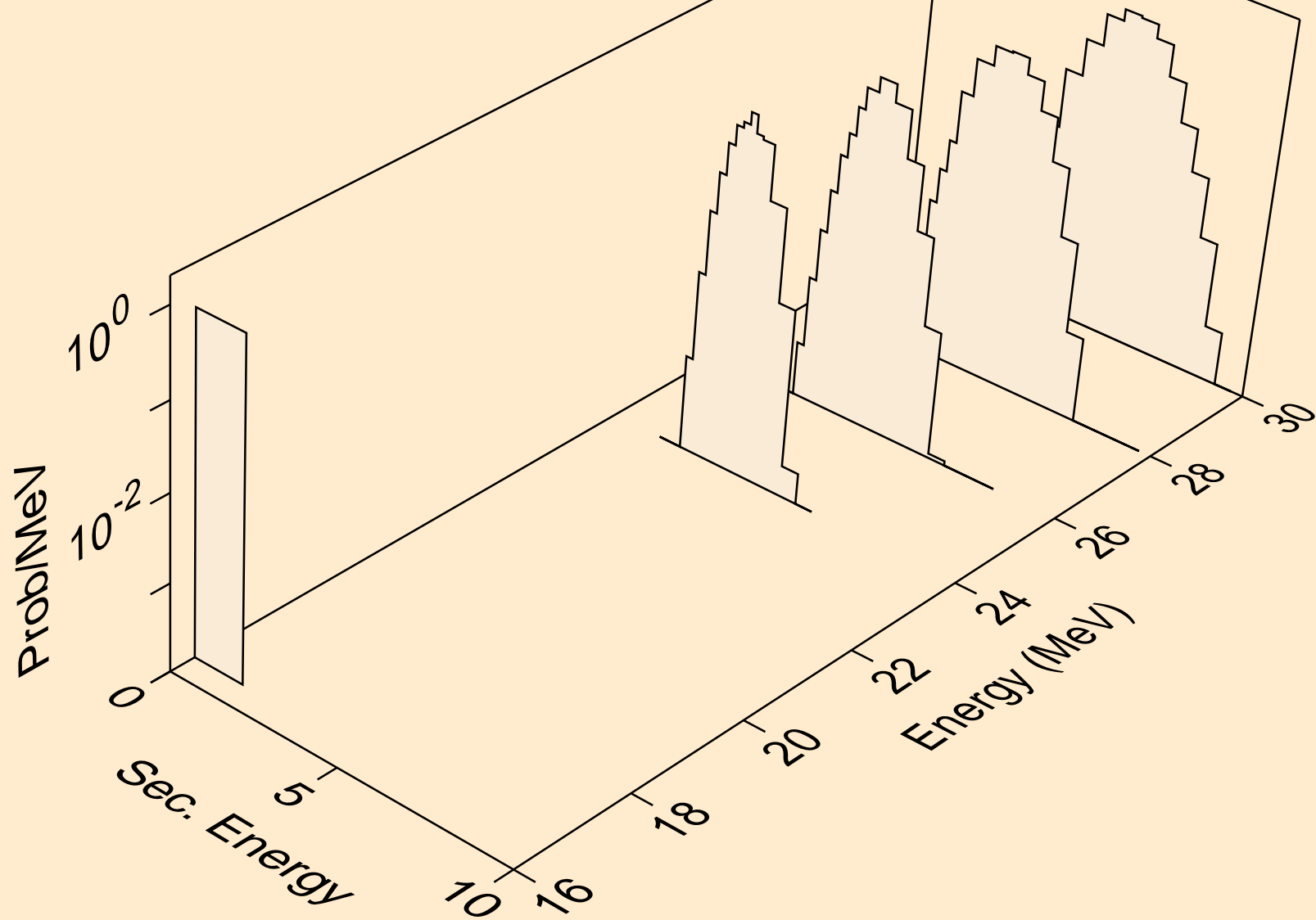




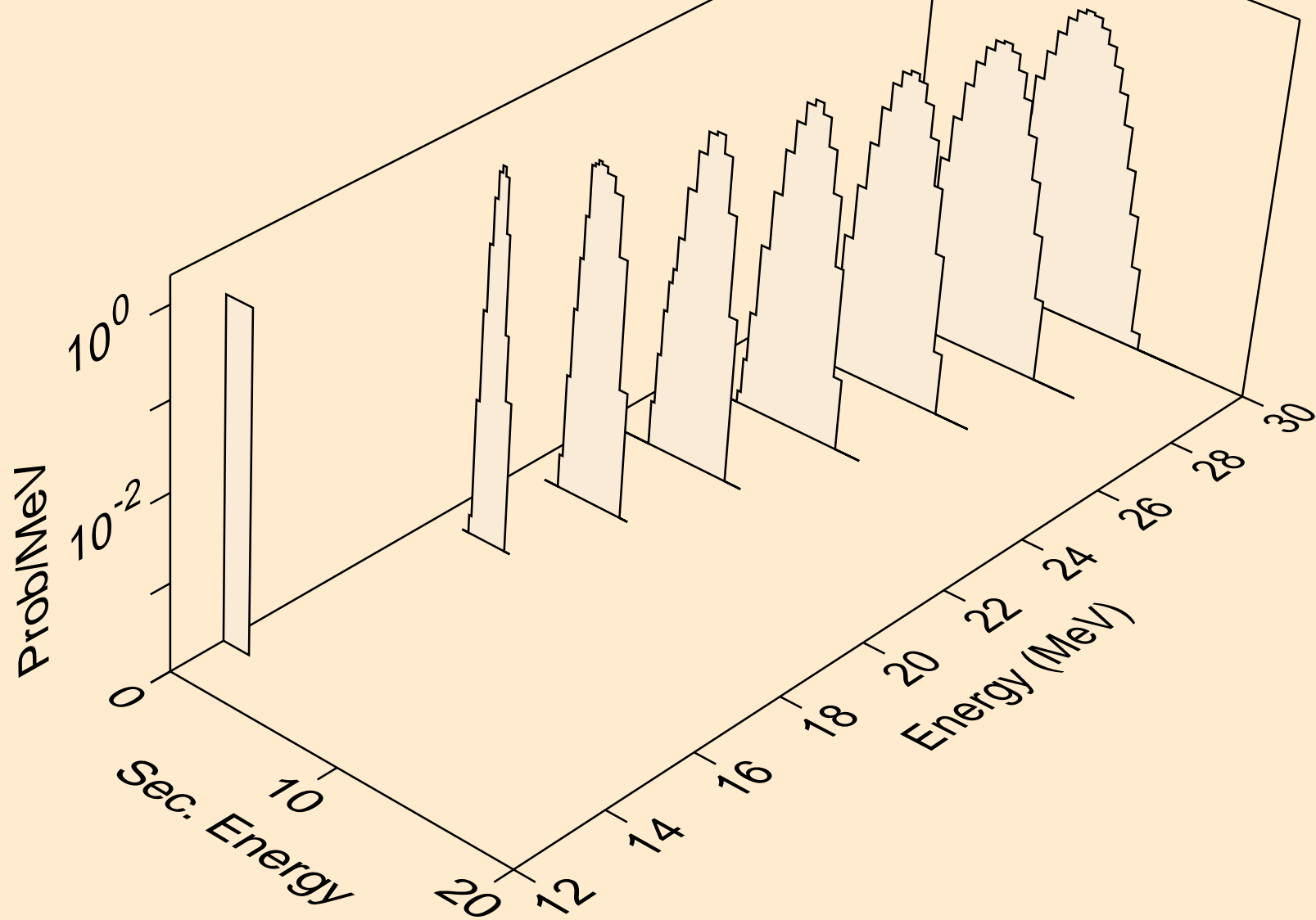
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



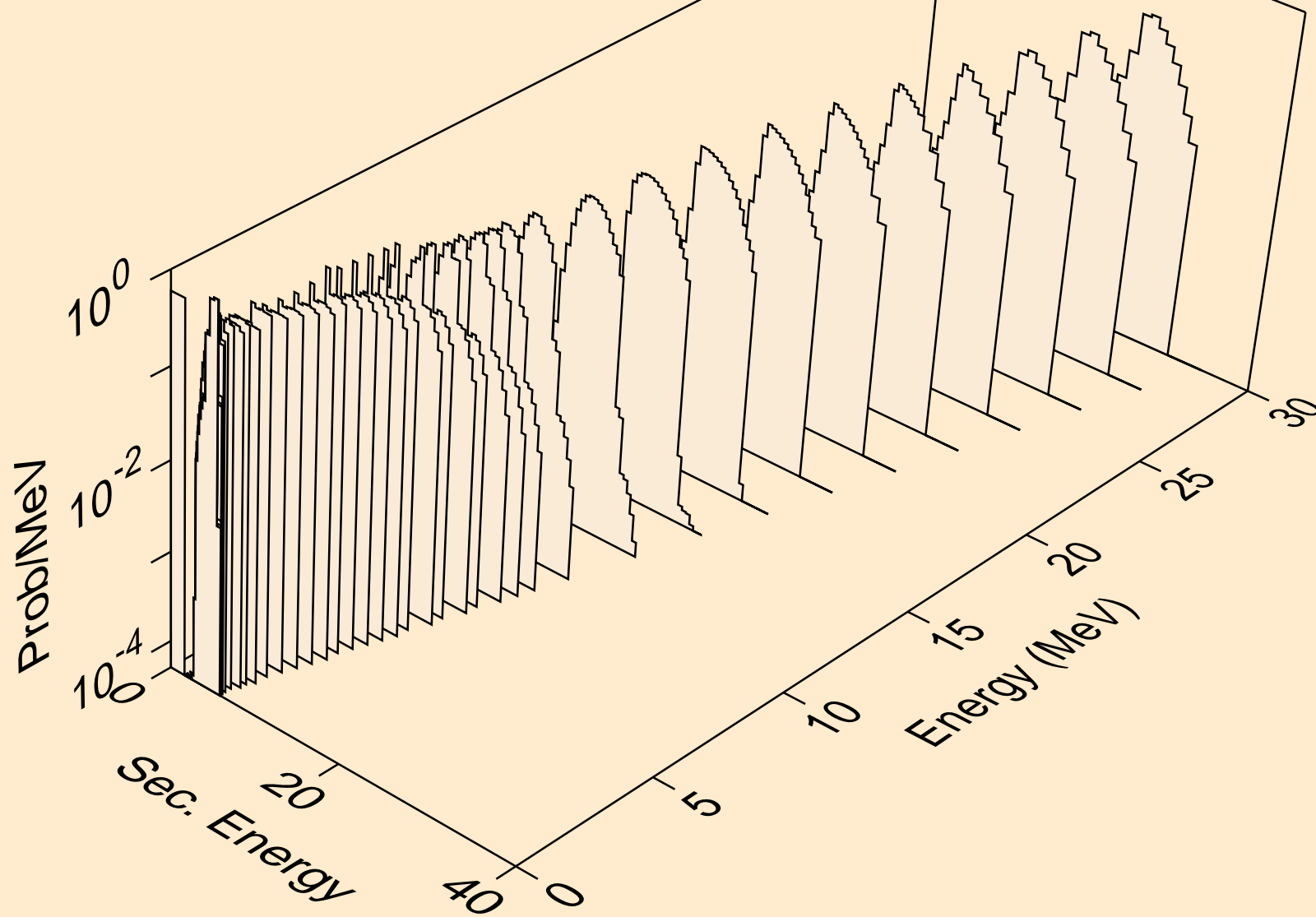
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



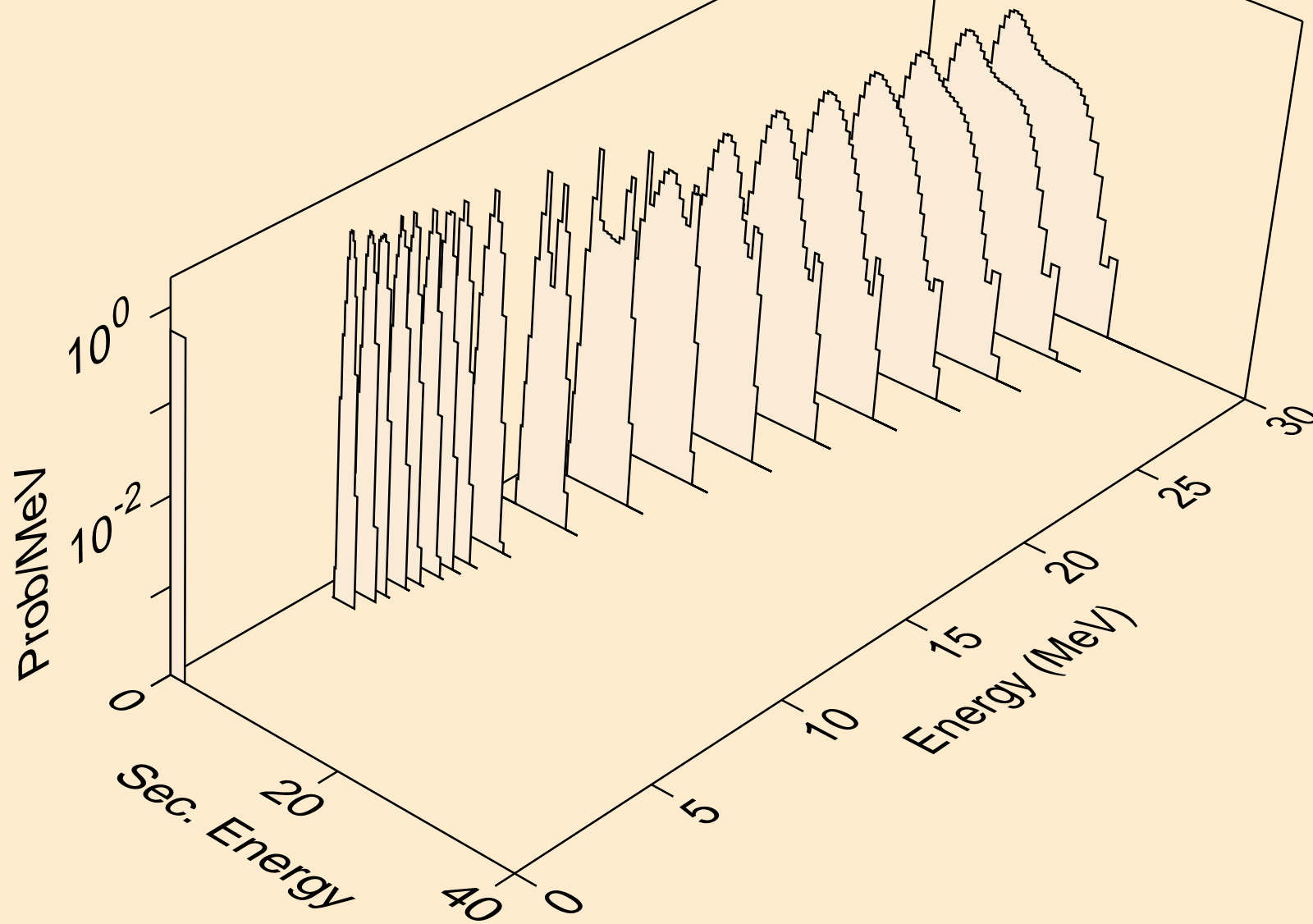
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



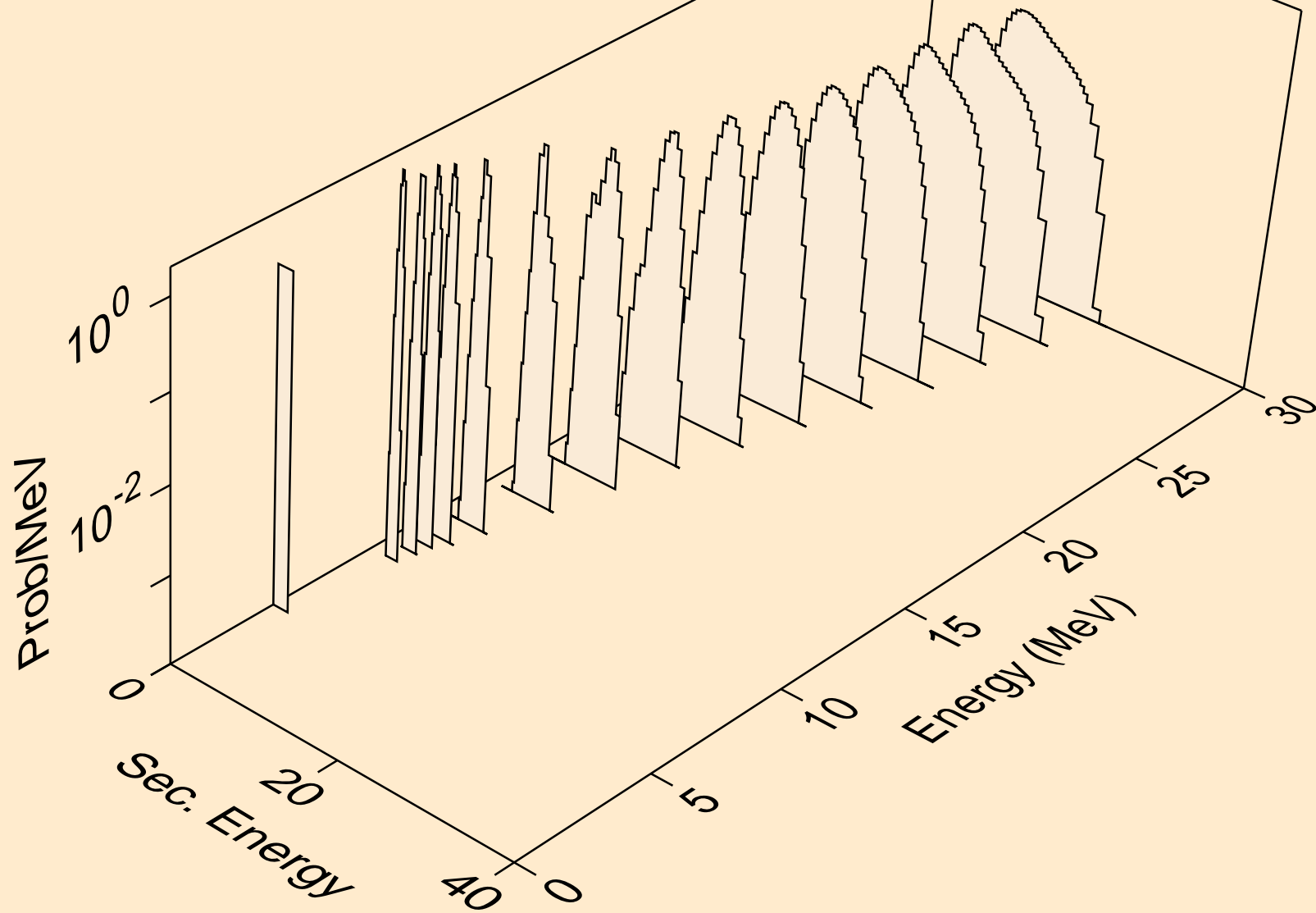
SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



SE075 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

