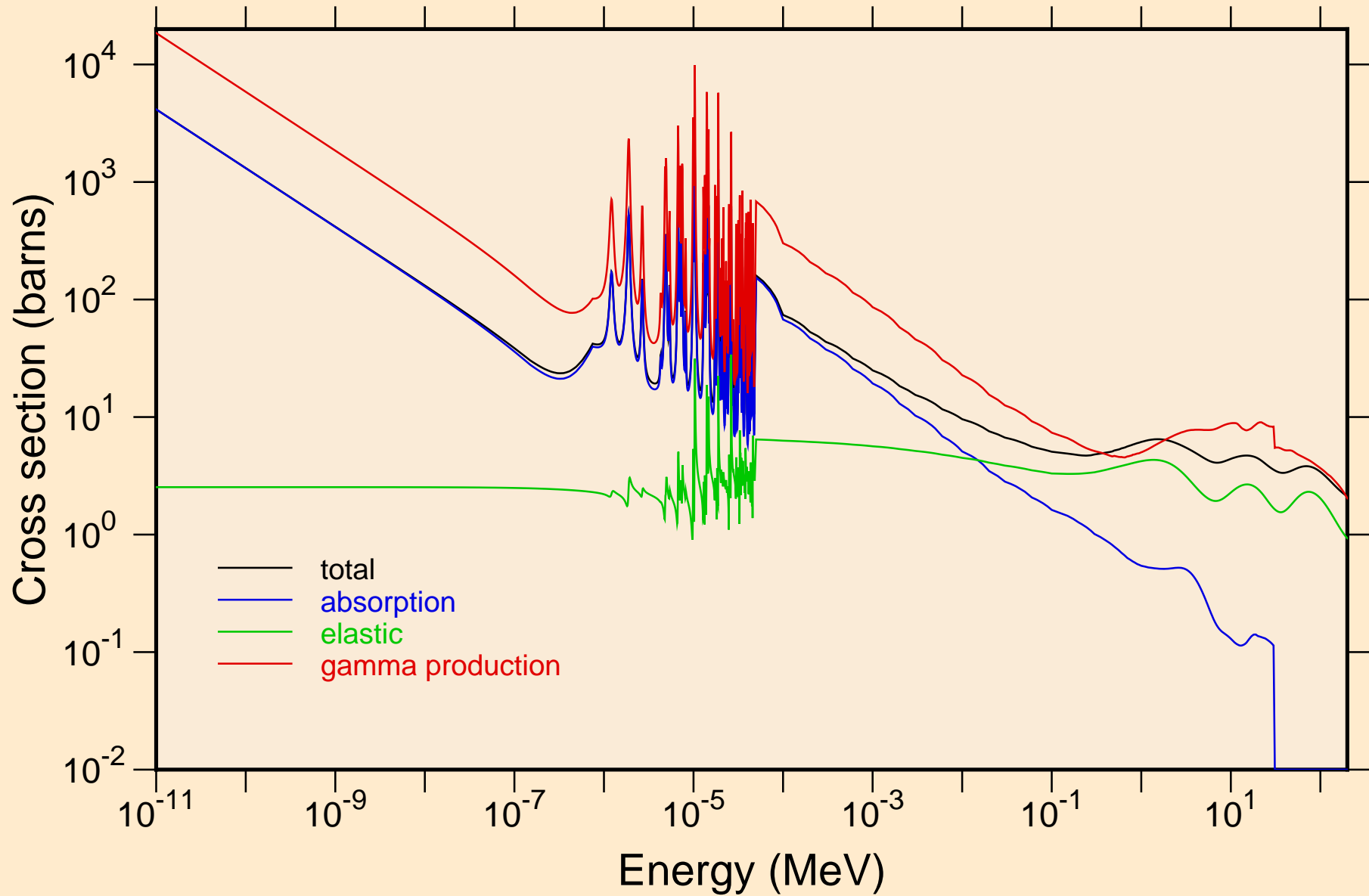
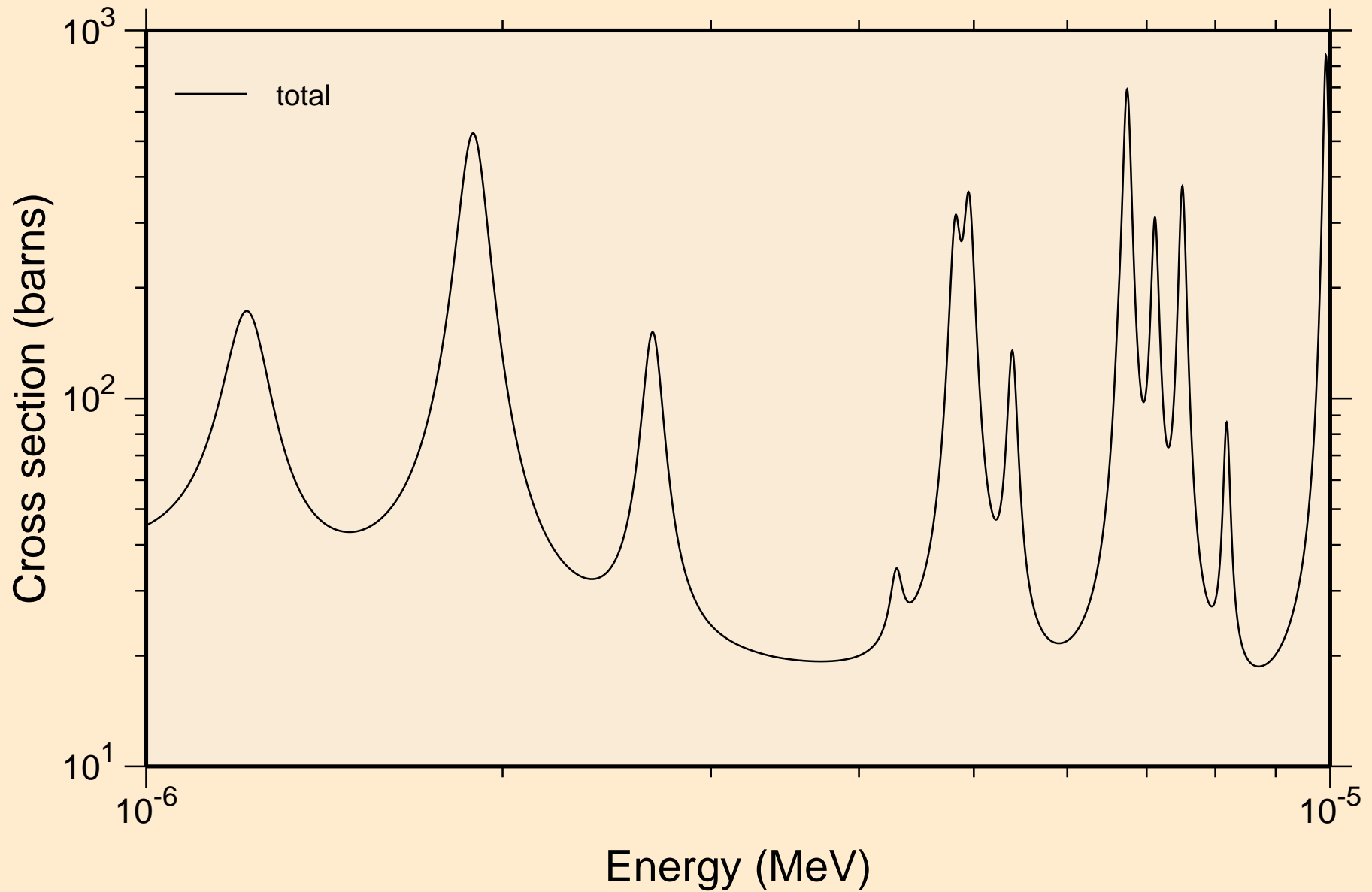


# LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

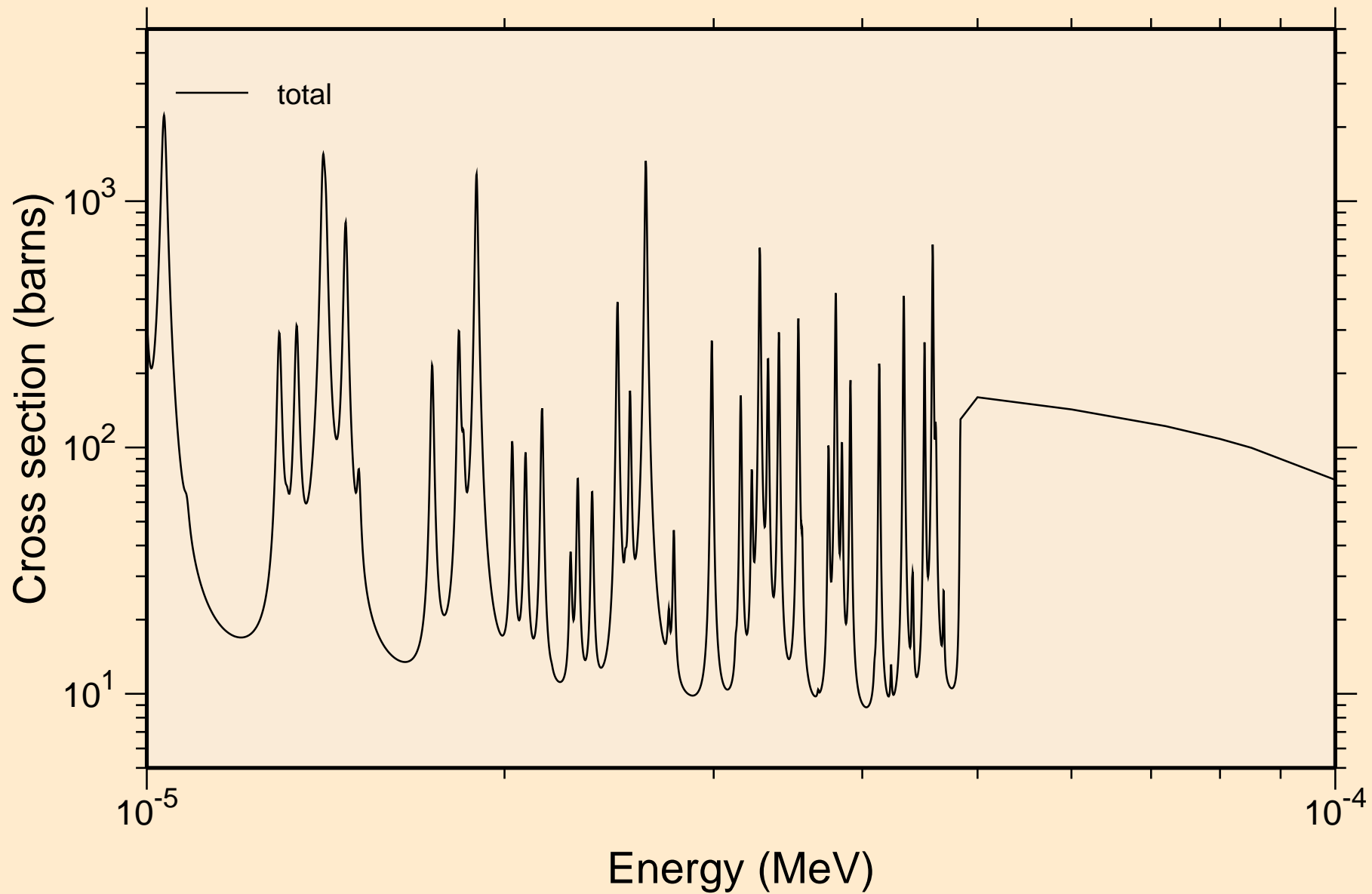
## Principal cross sections



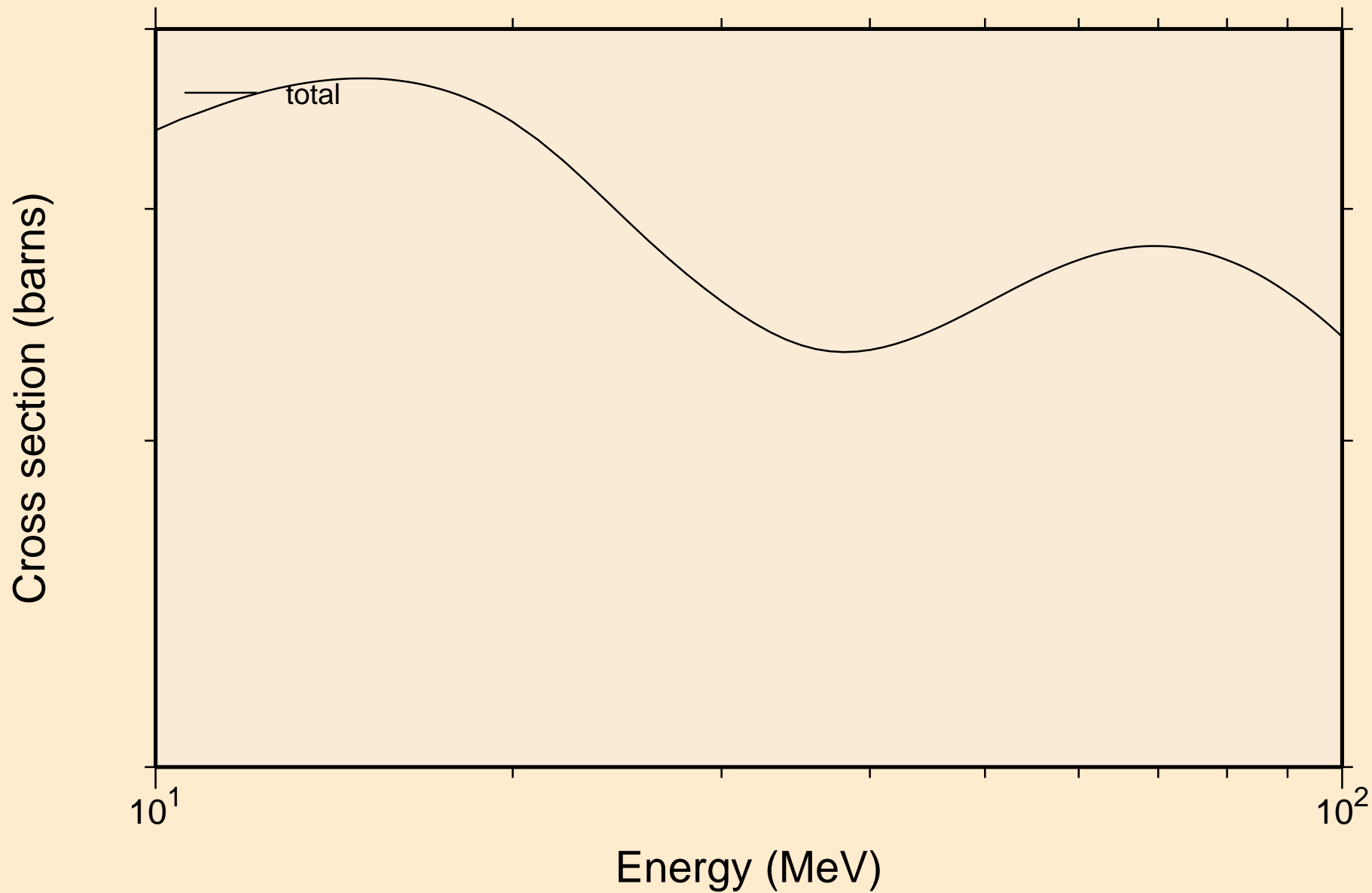
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



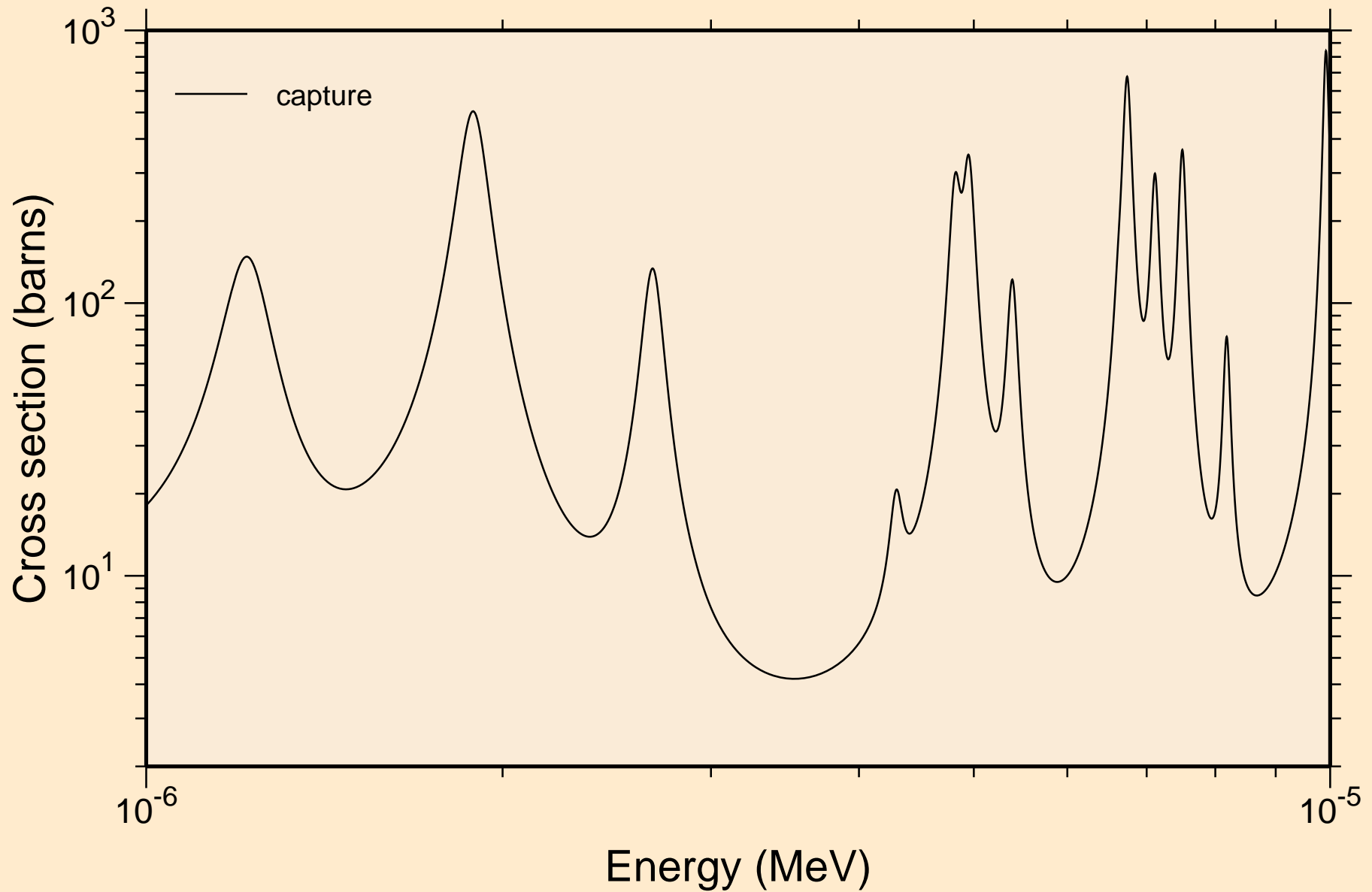
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



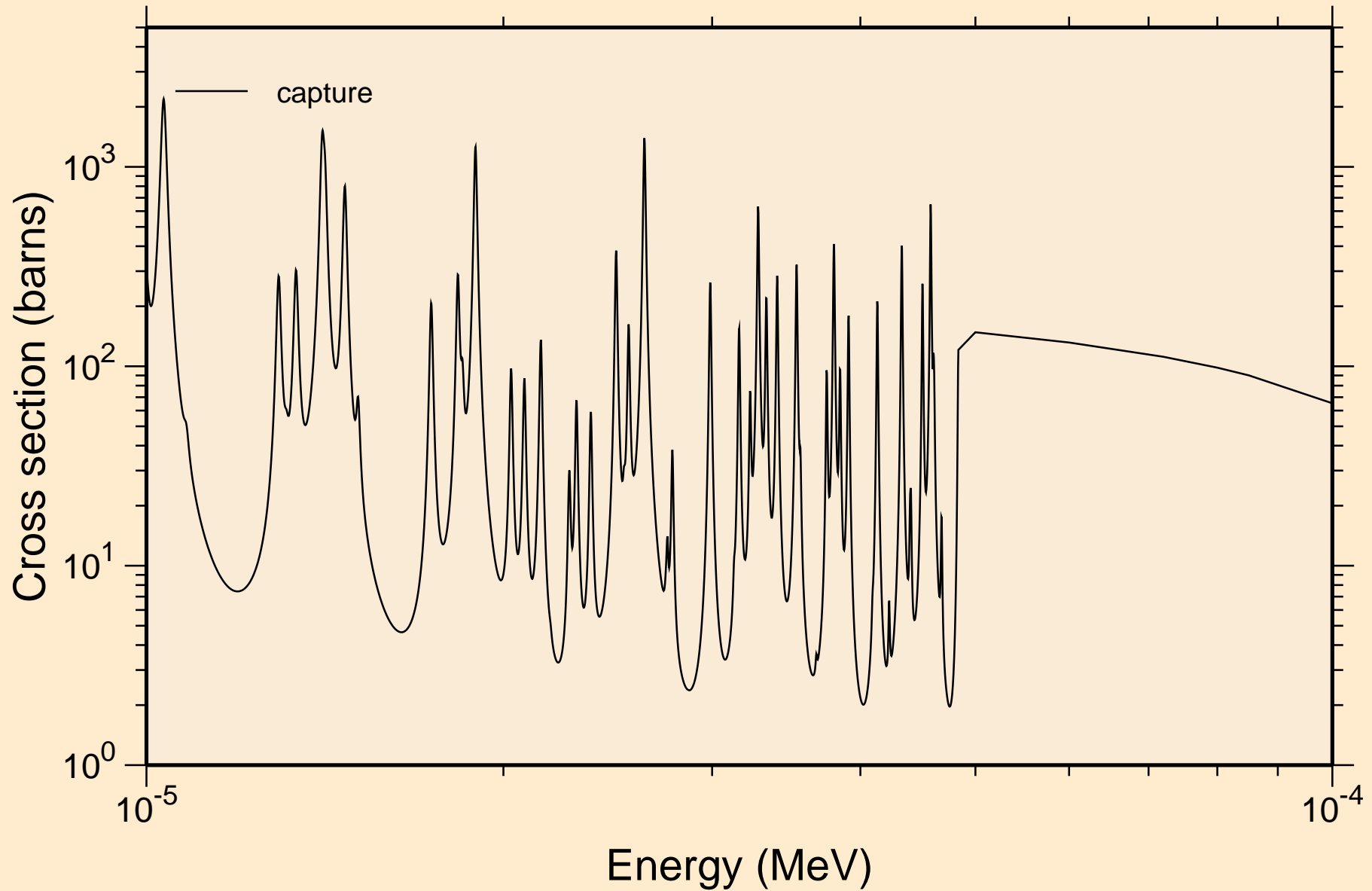
L<sup>129</sup> NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



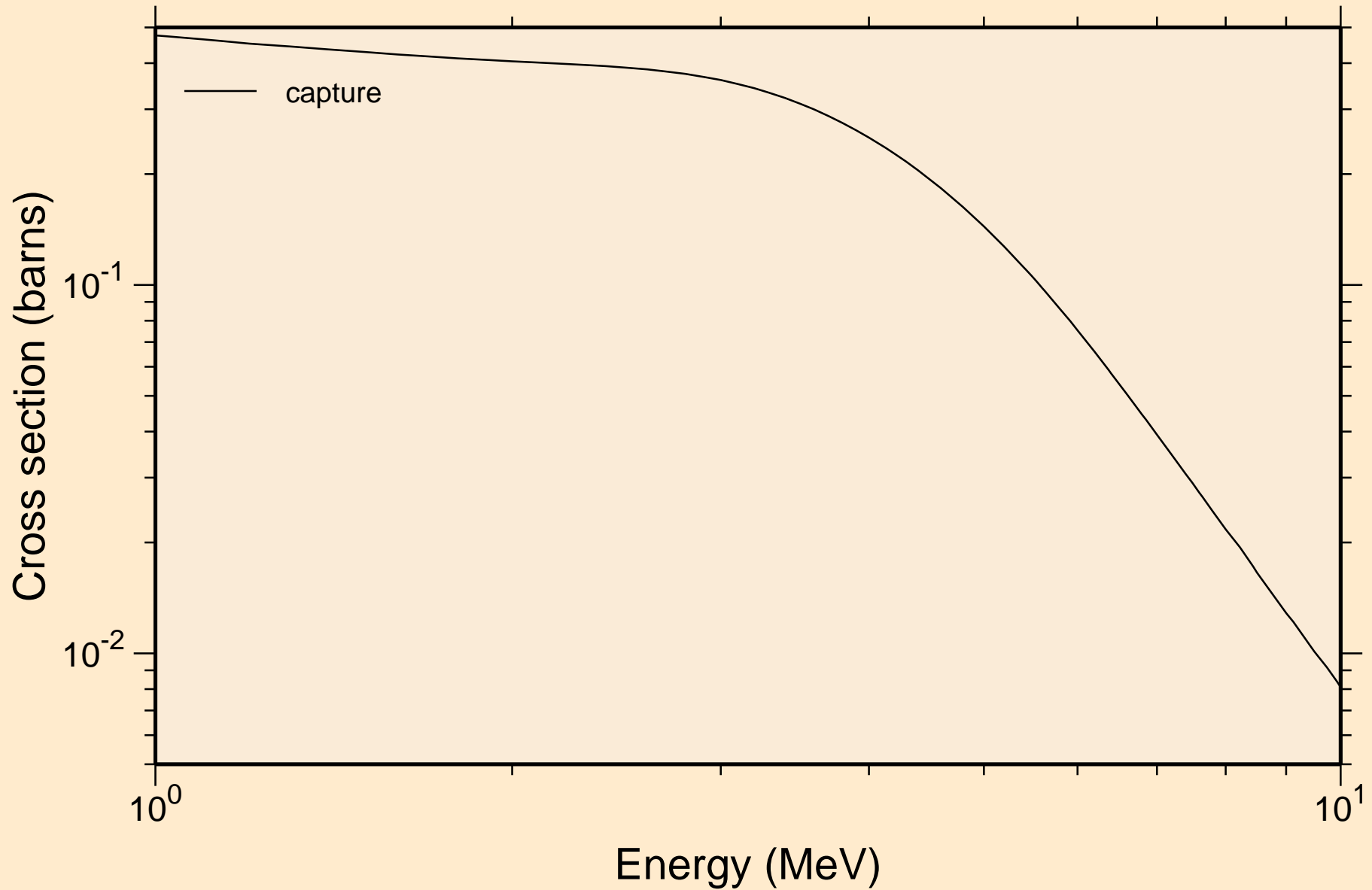
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

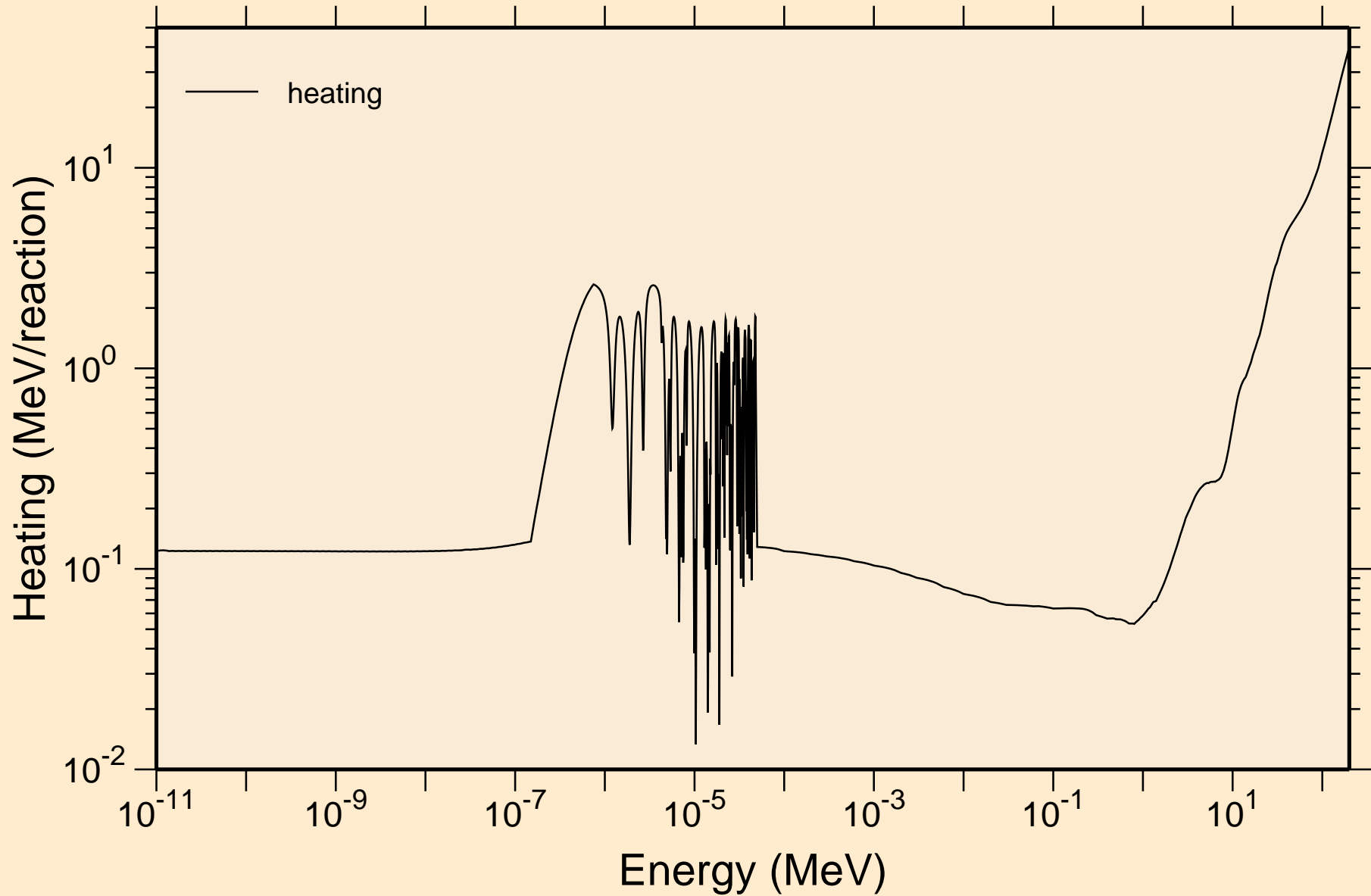


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

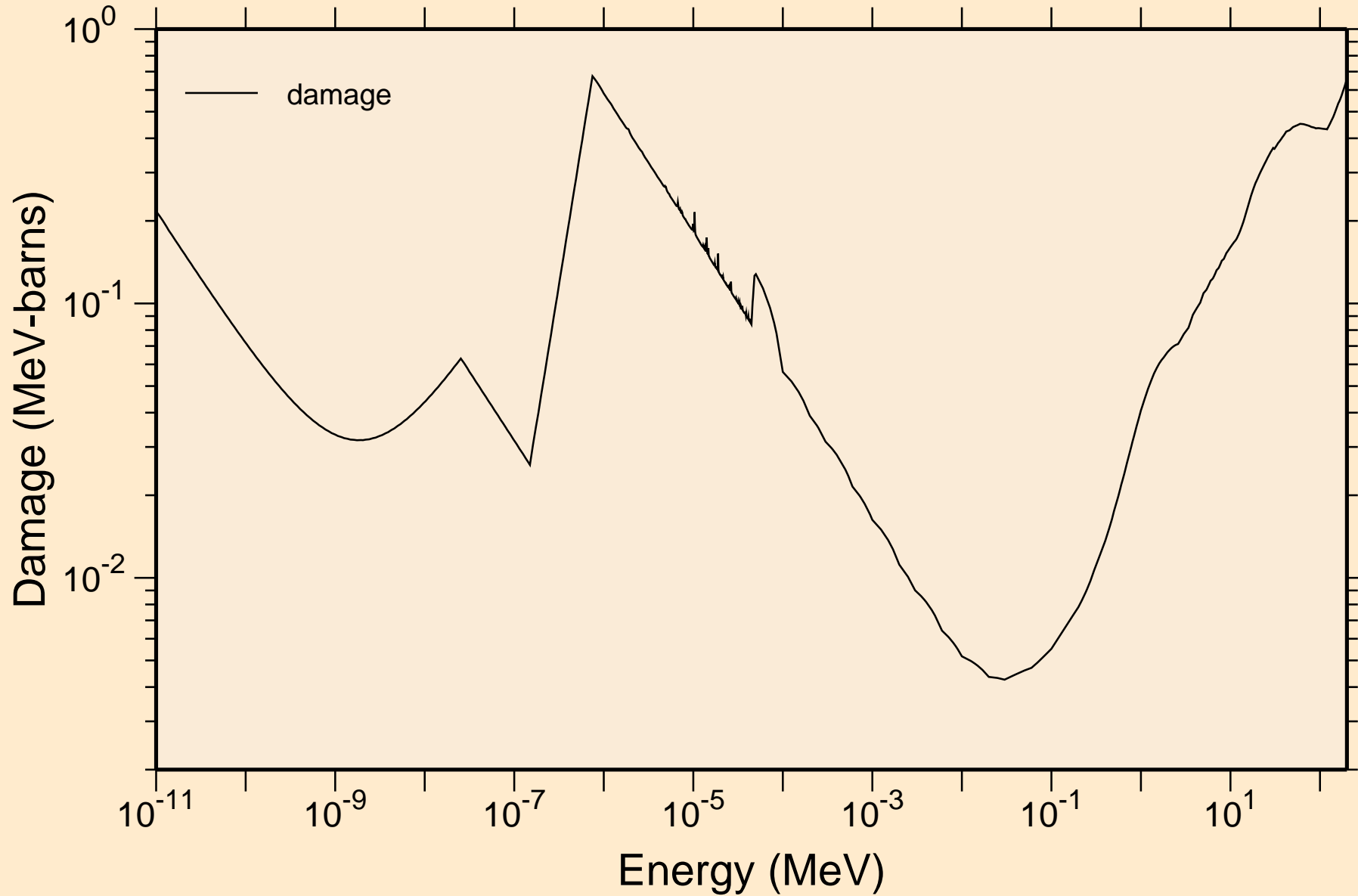
Heating



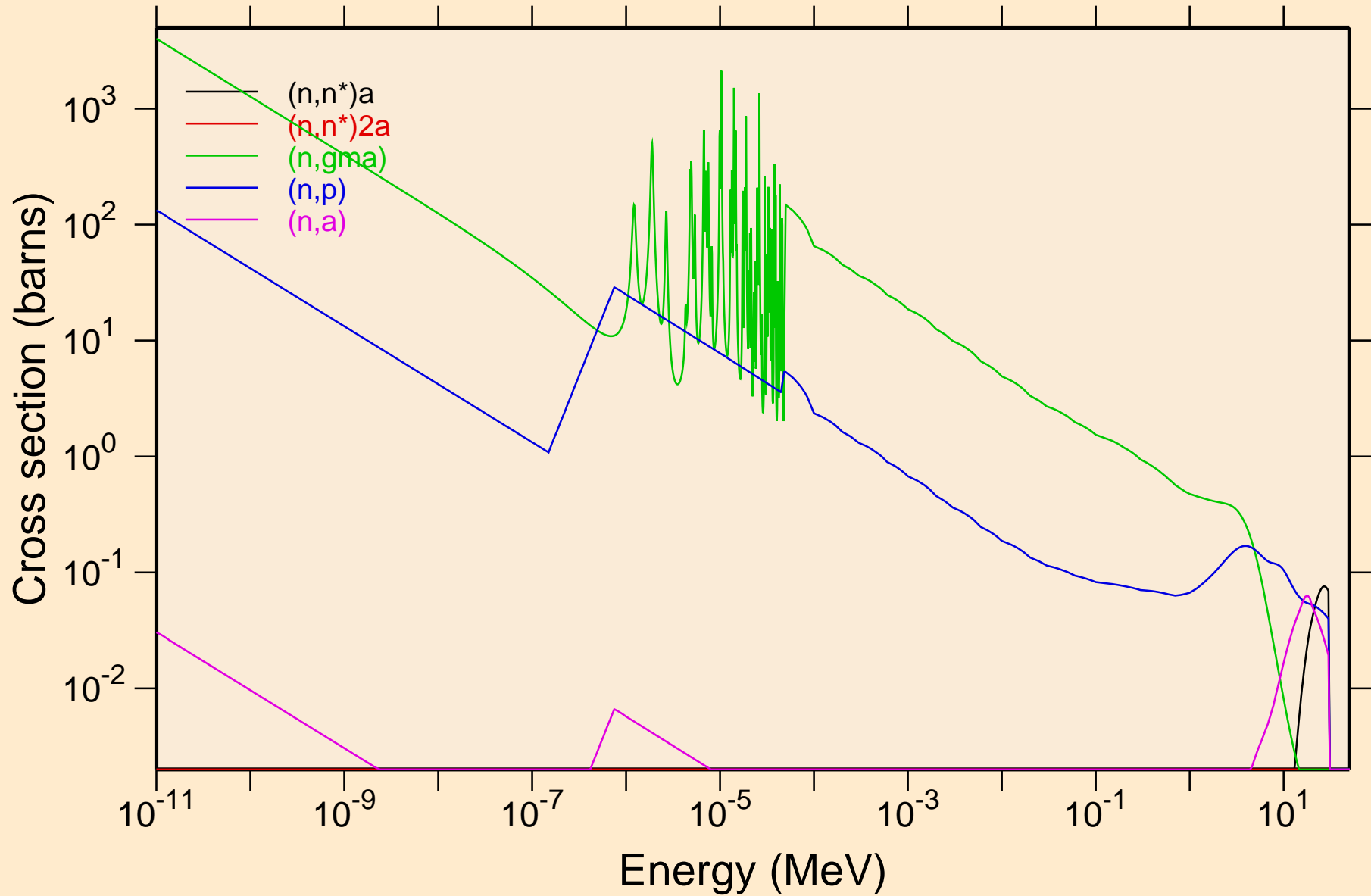


# LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

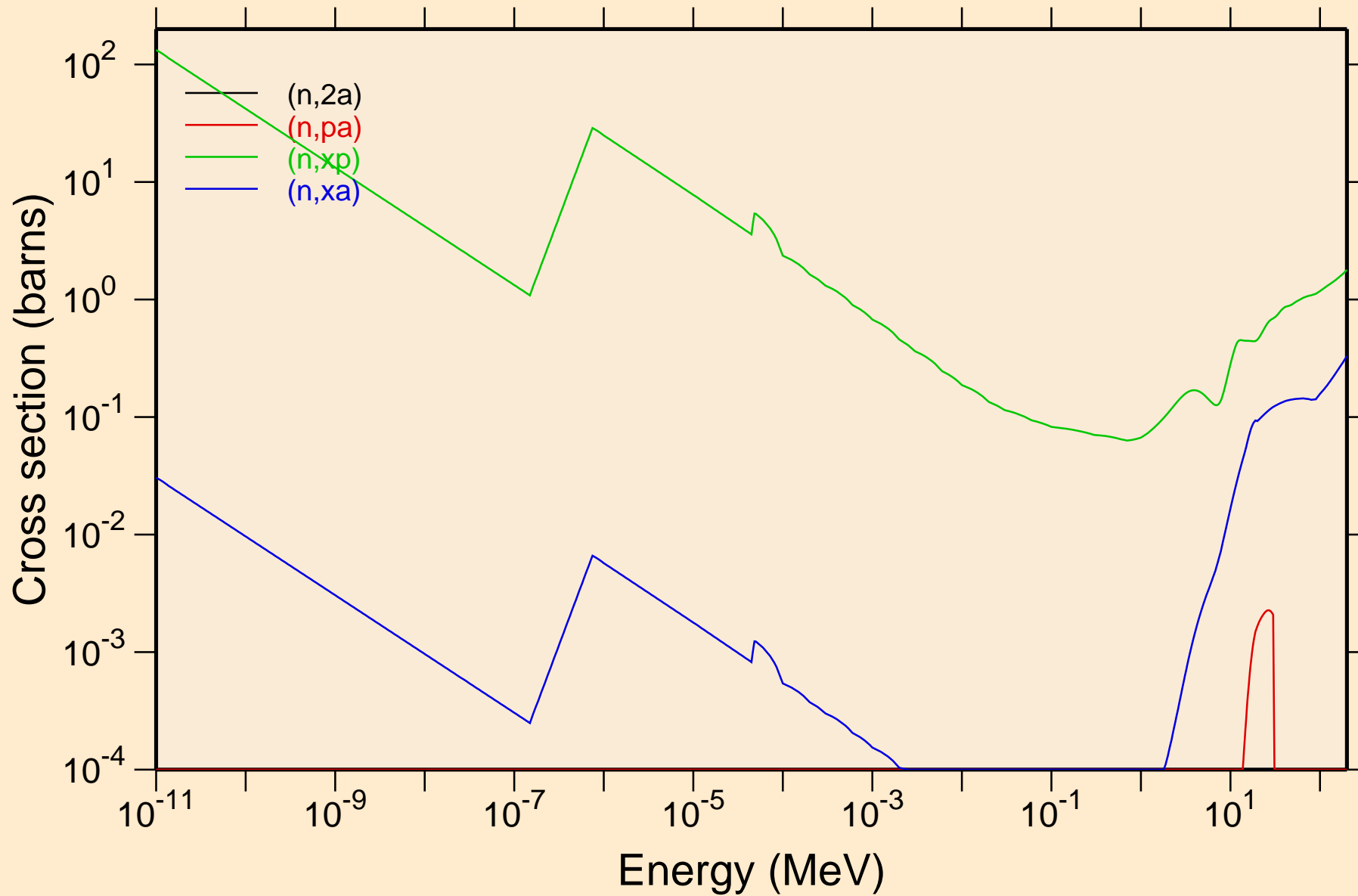
## Damage



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

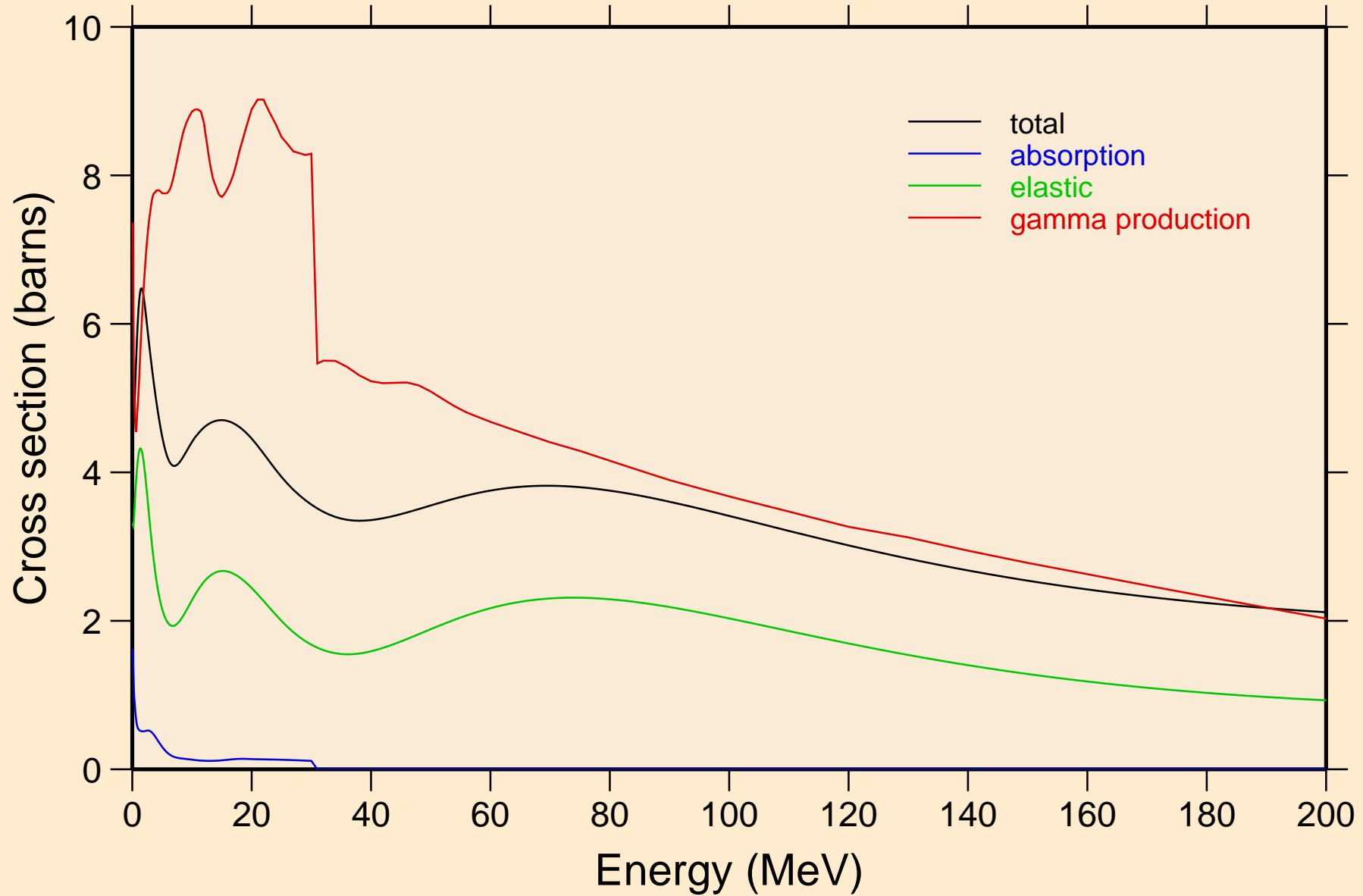


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



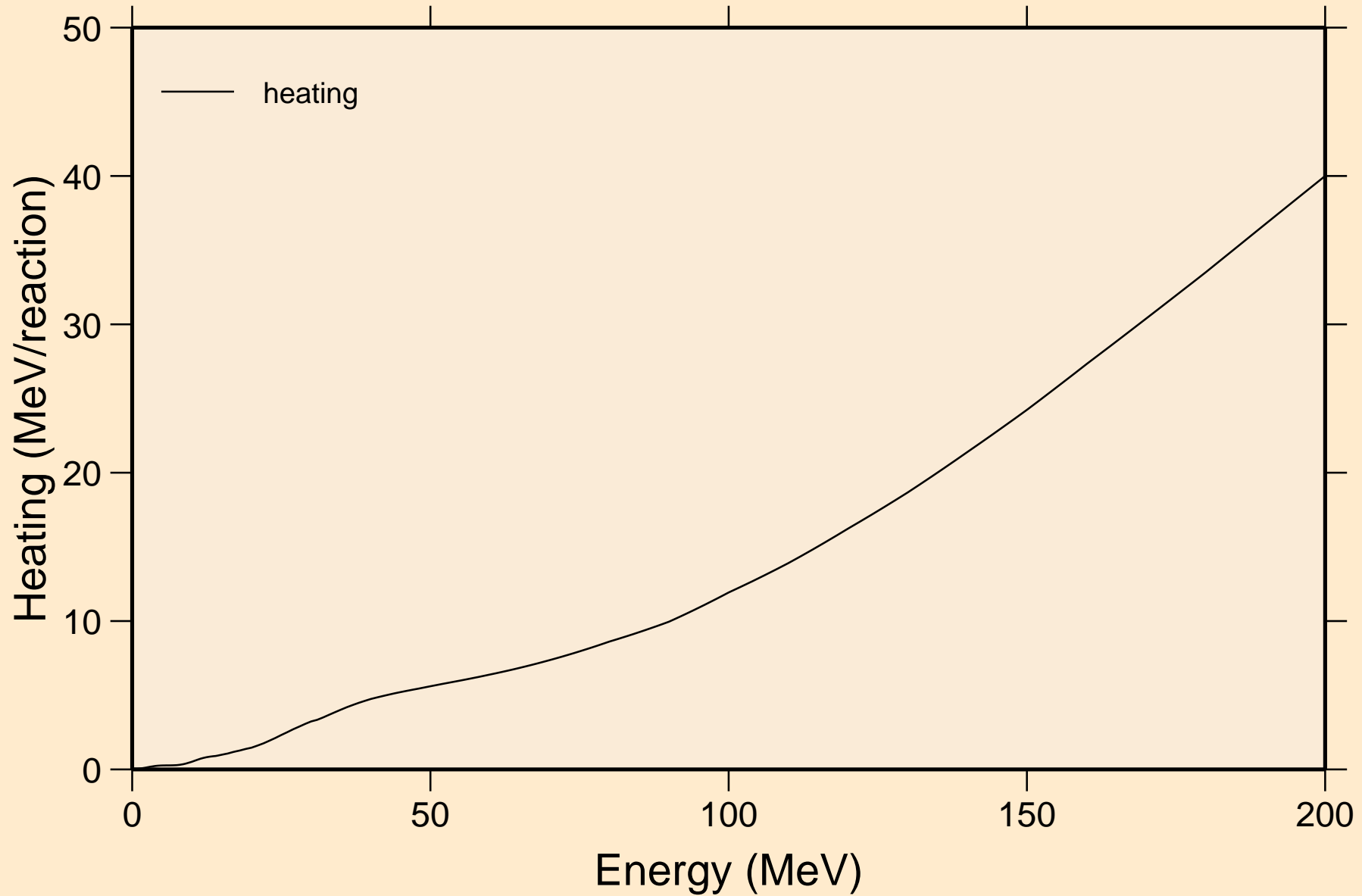
# LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



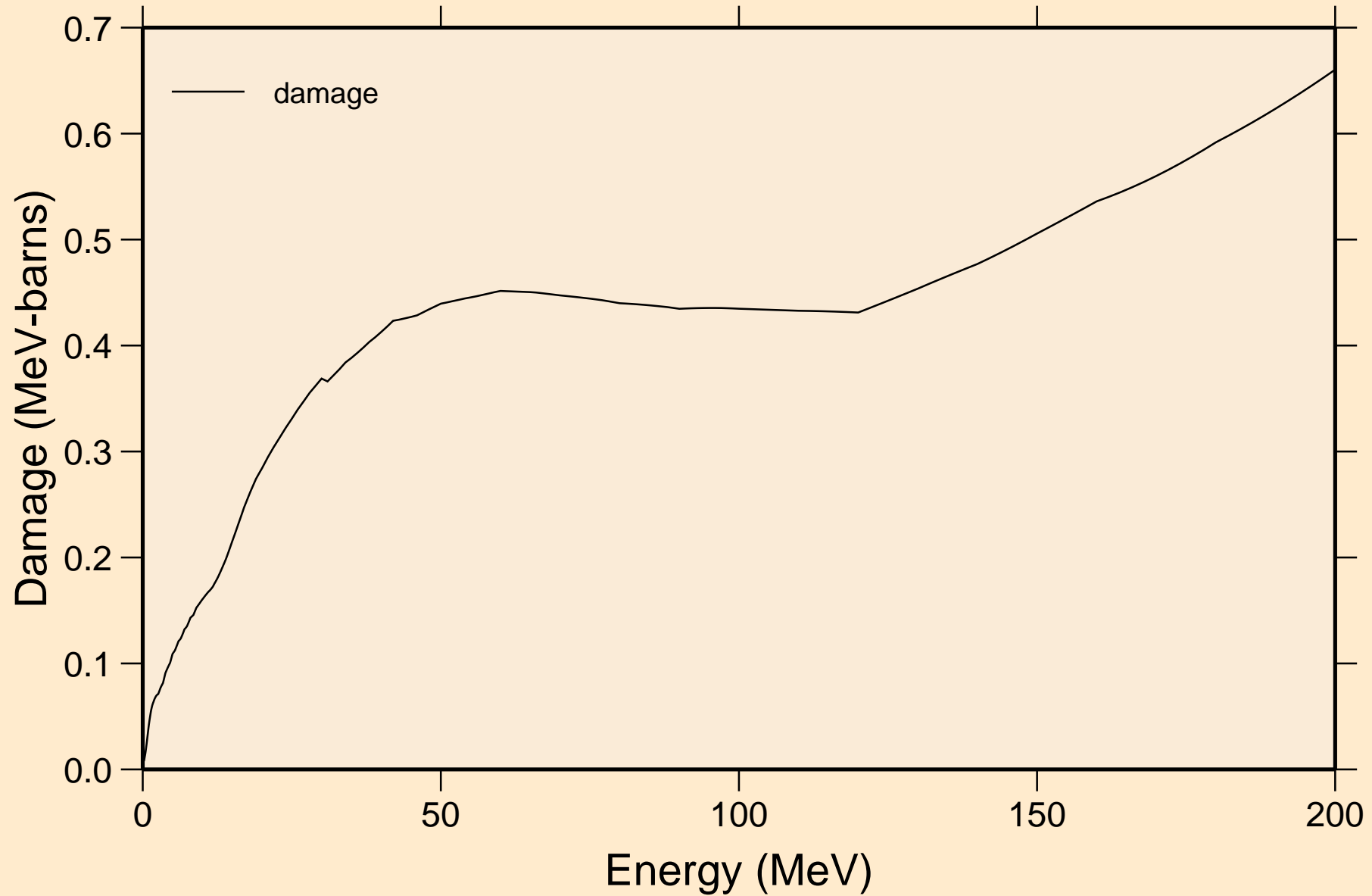
# LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

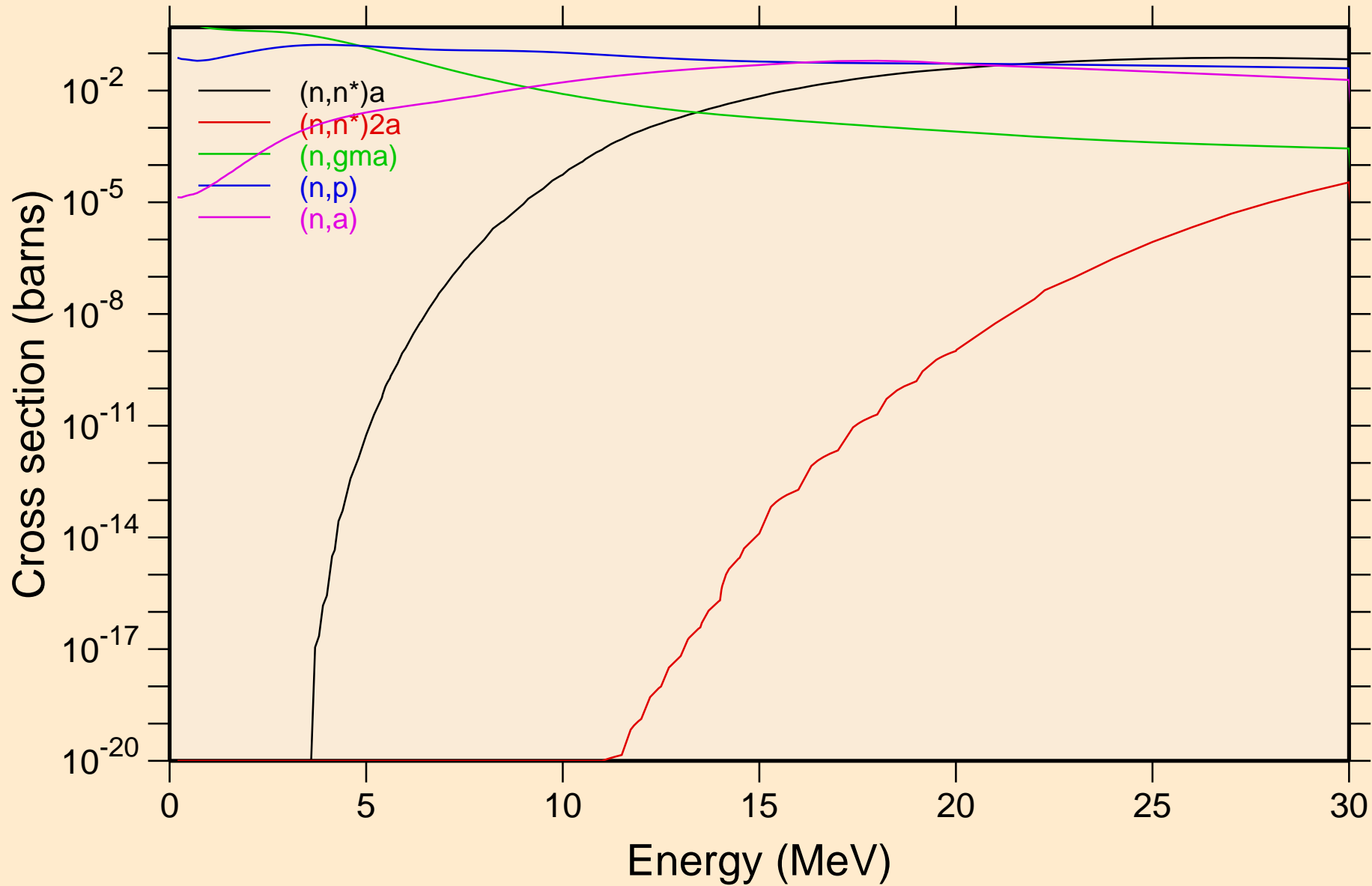


# LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

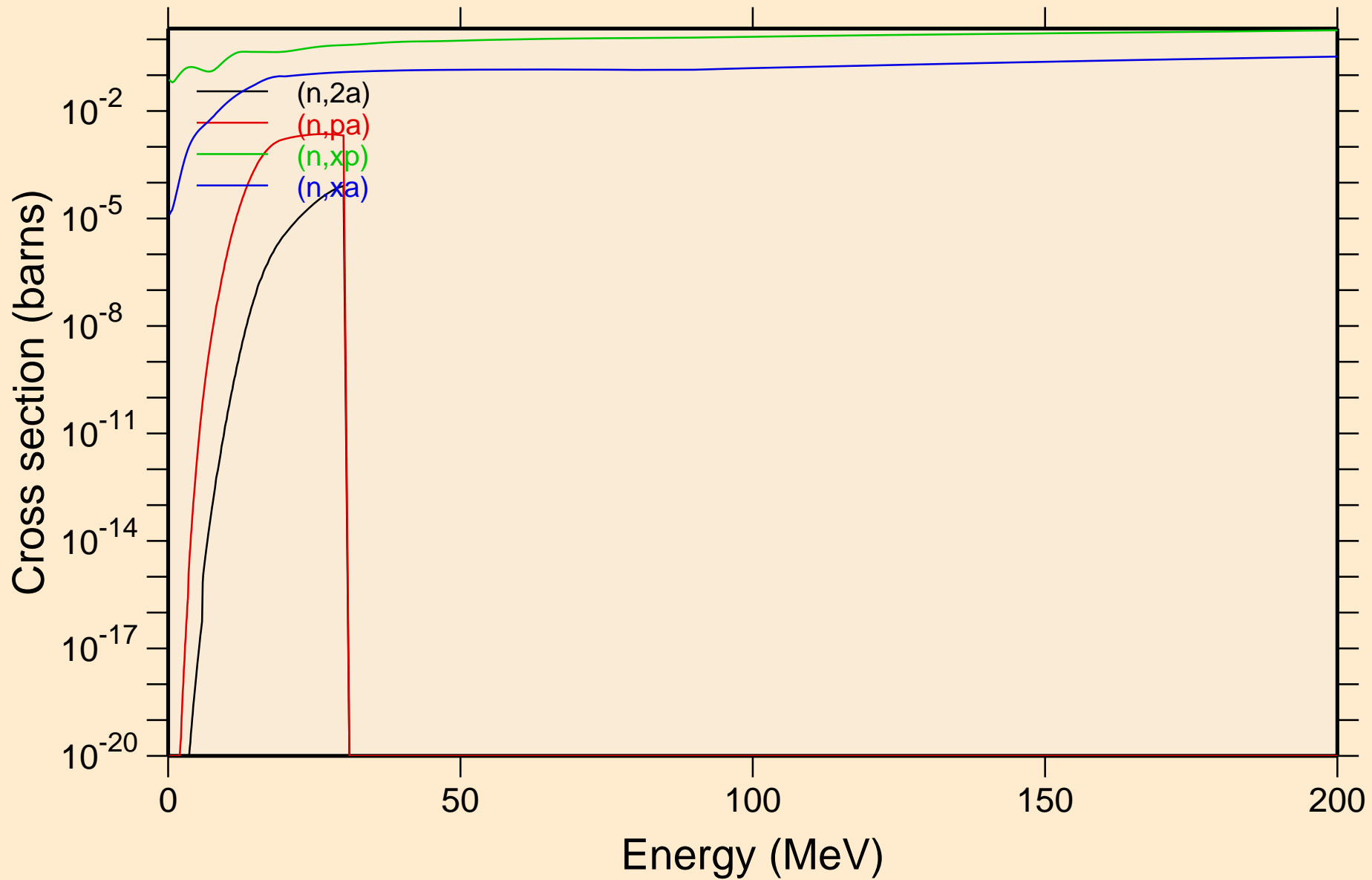
## Damage



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

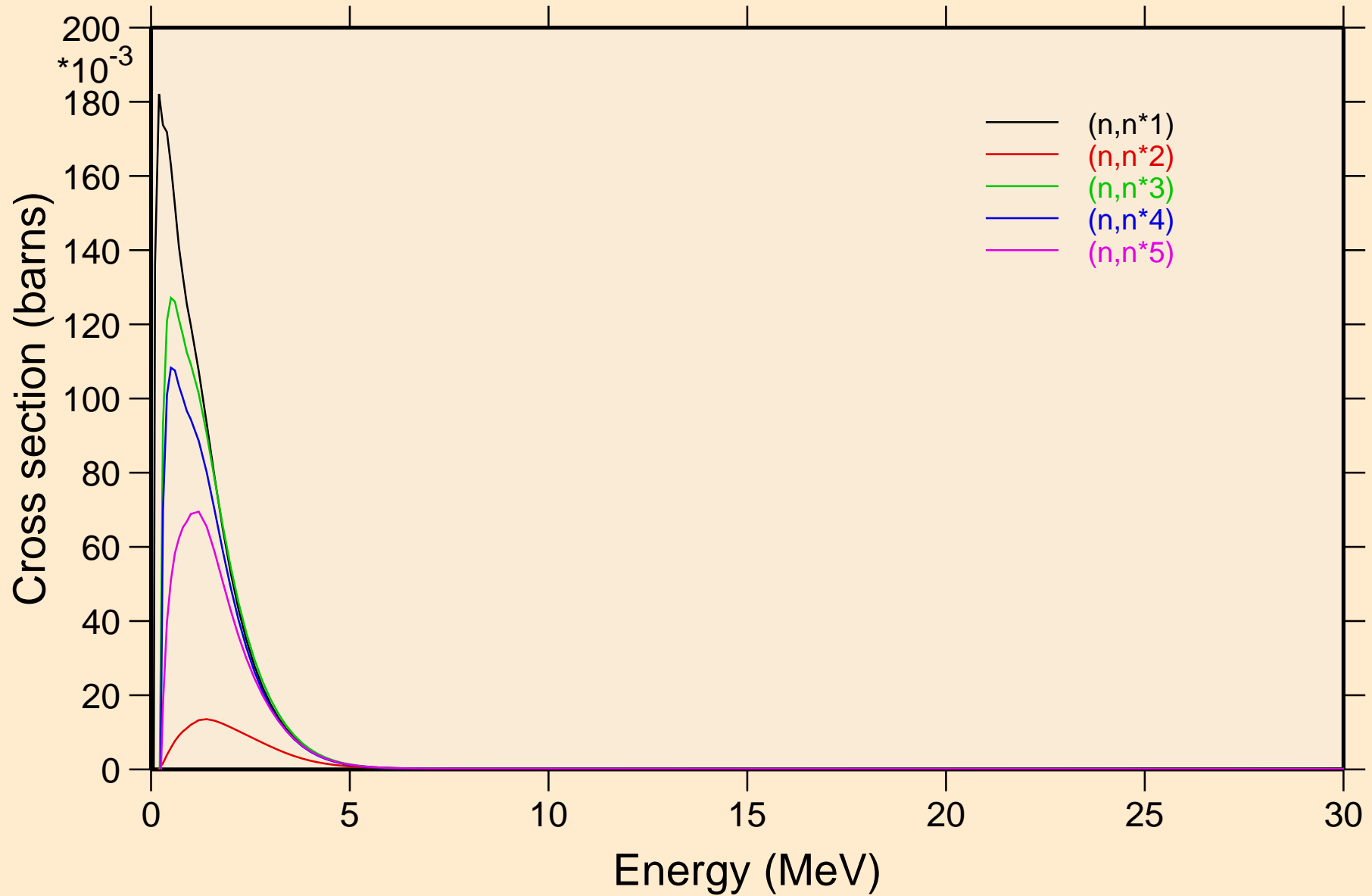


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

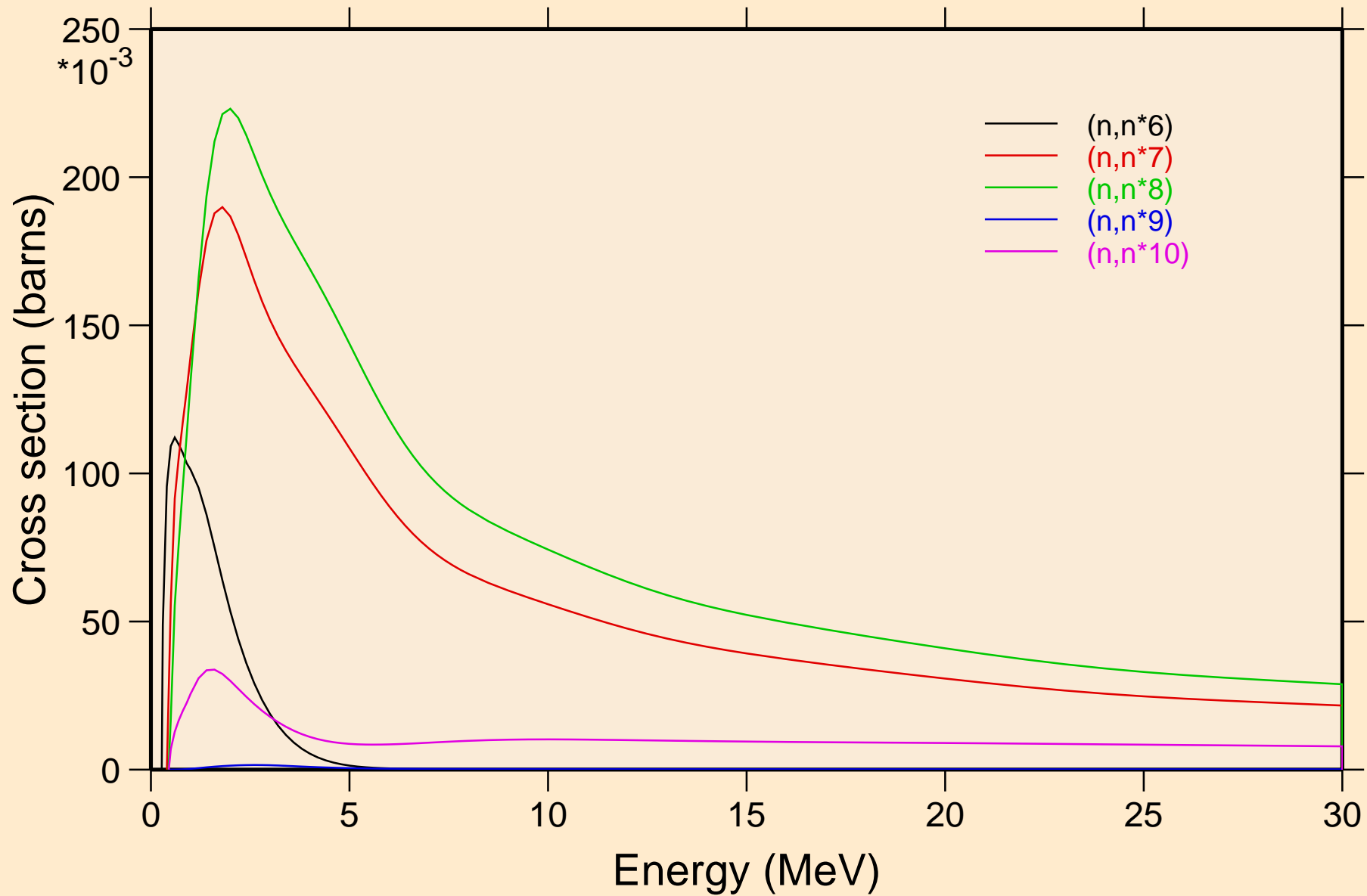




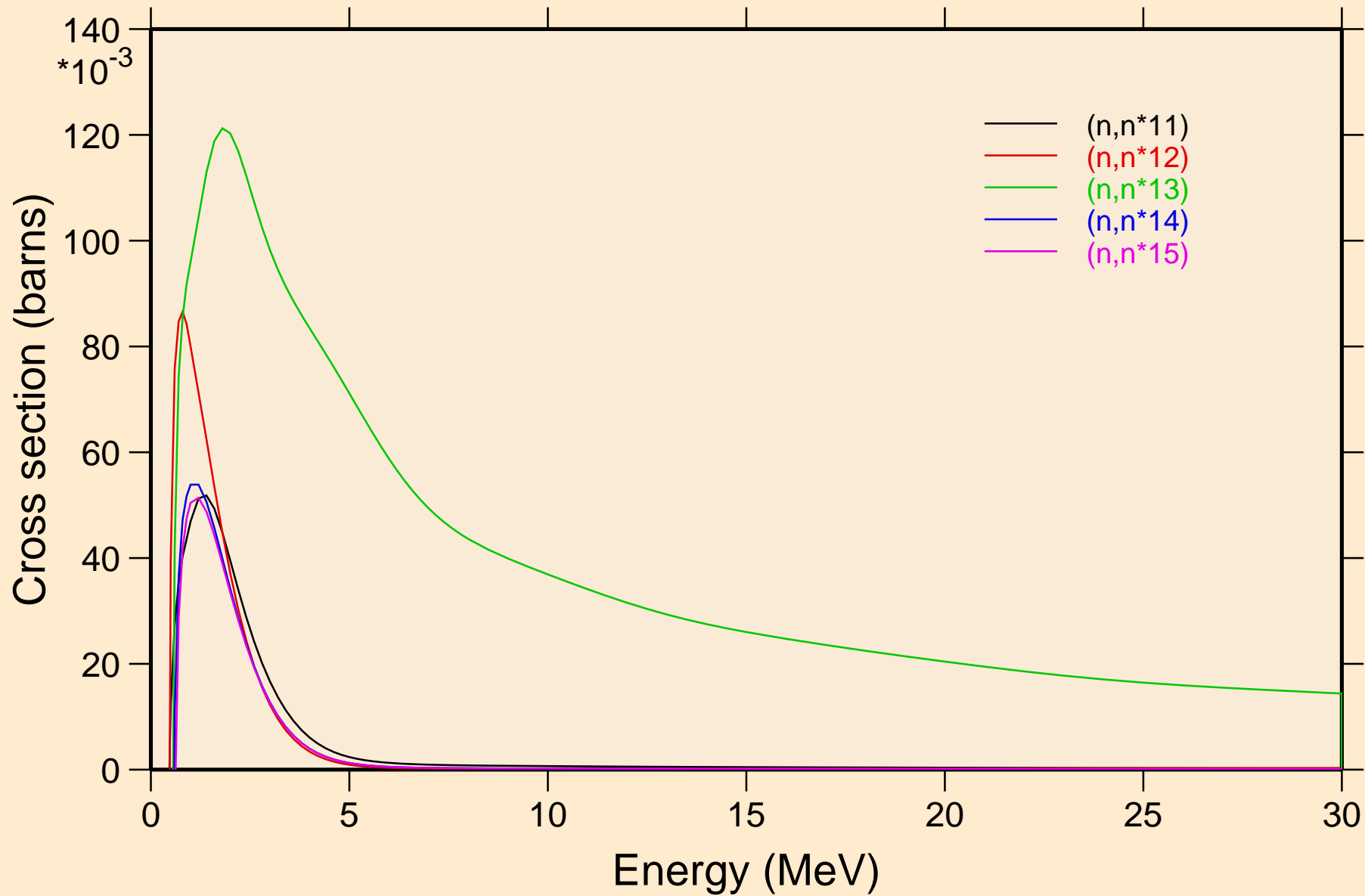
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



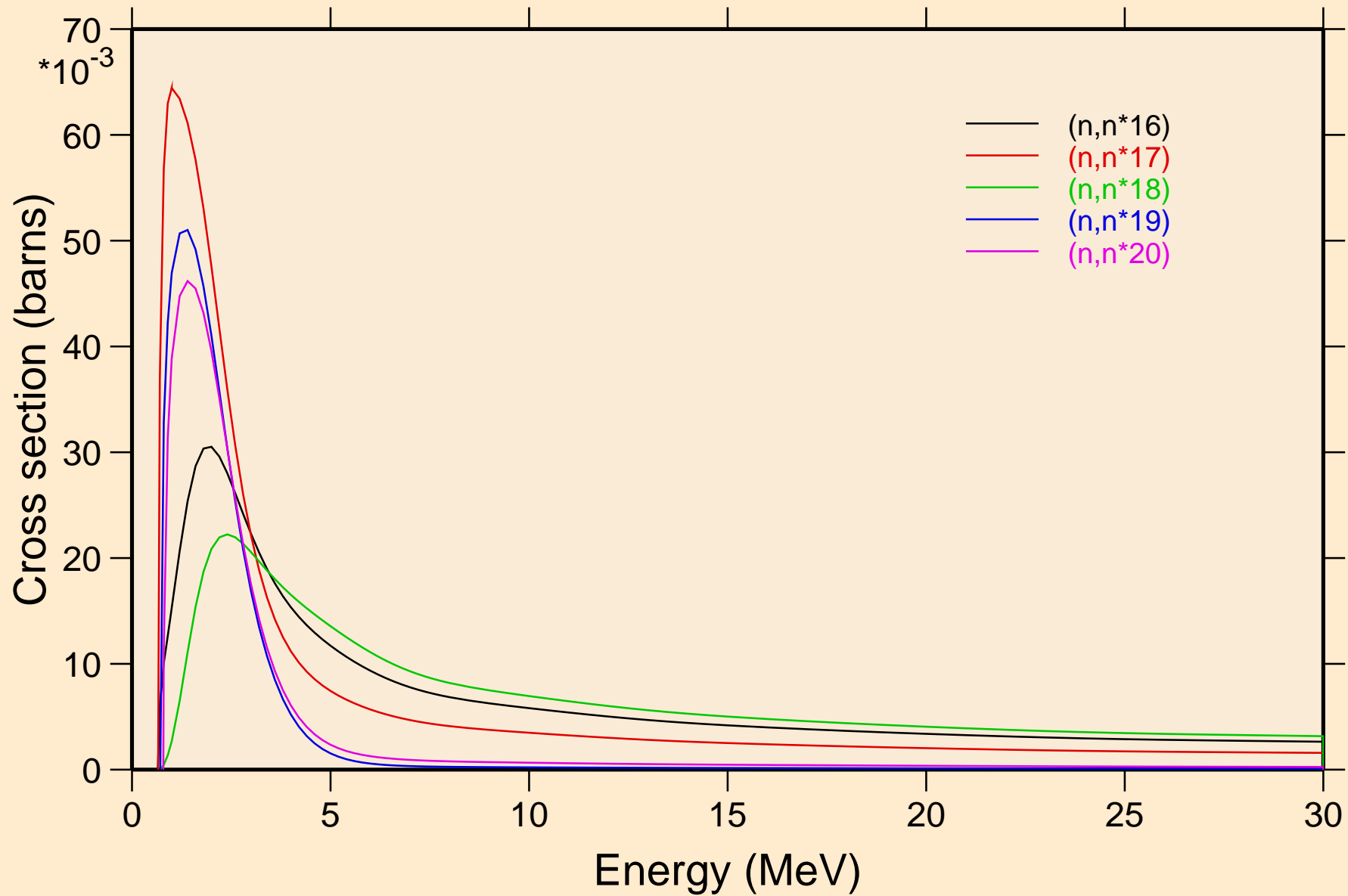
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



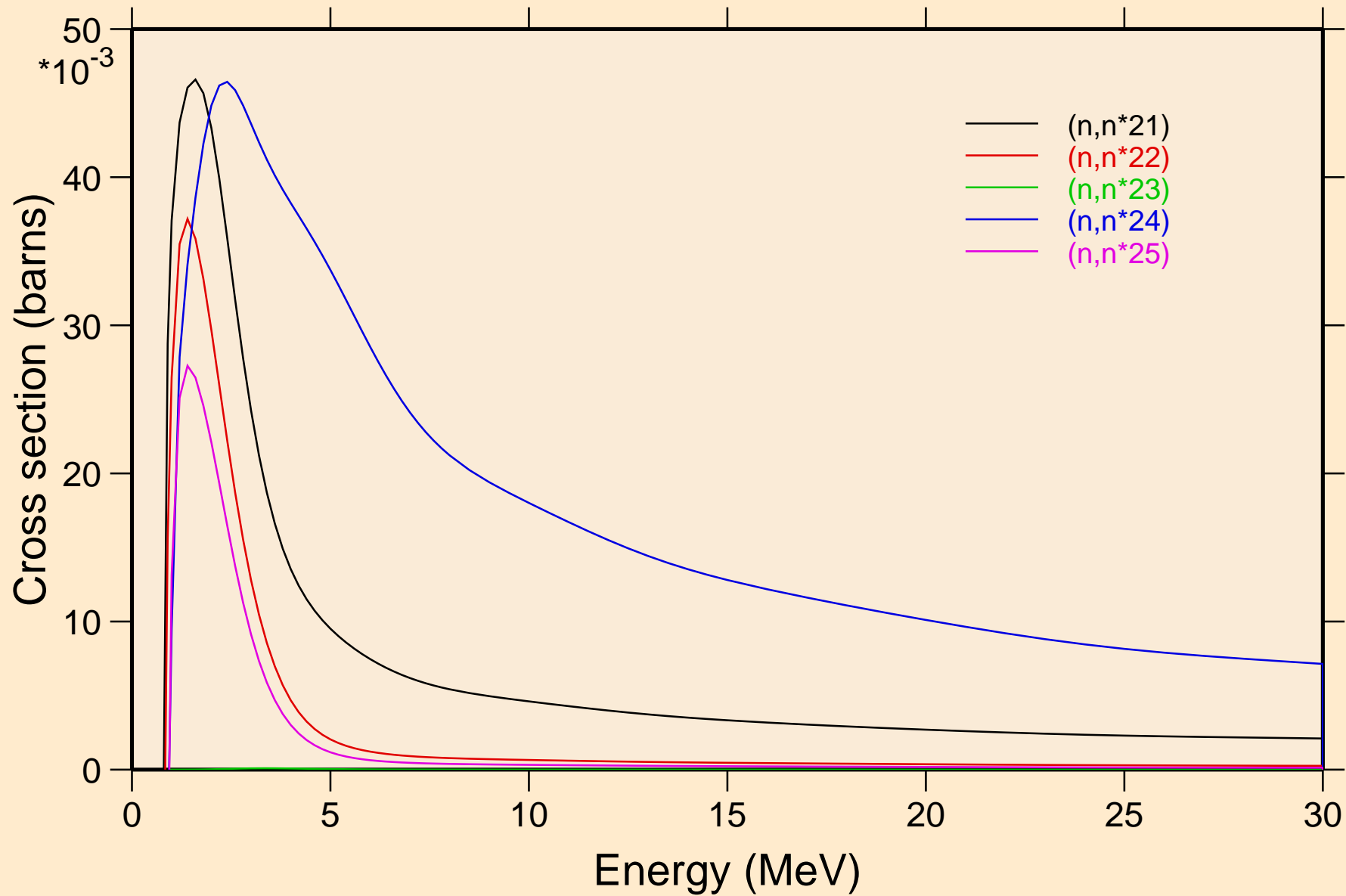
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



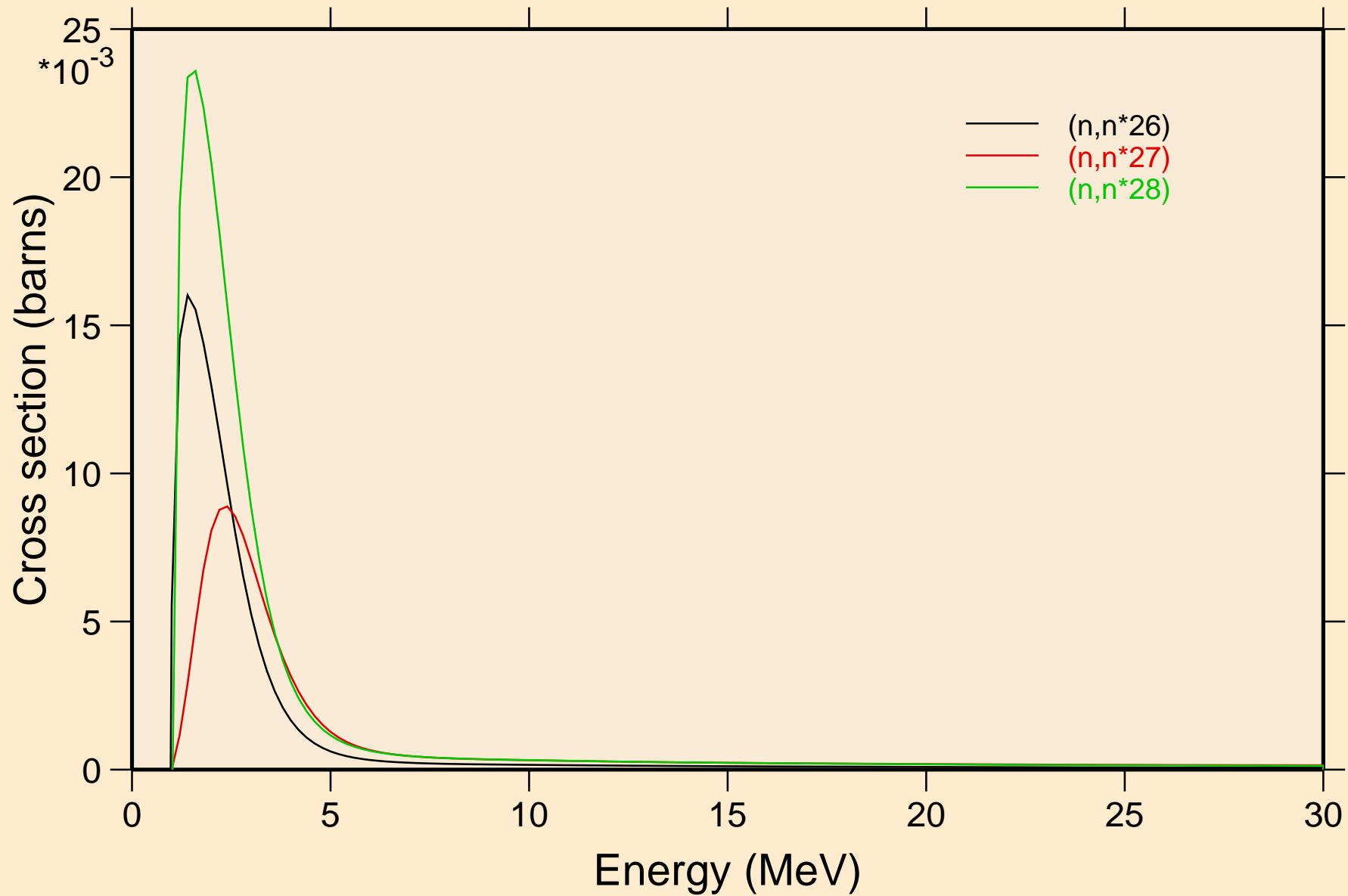
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



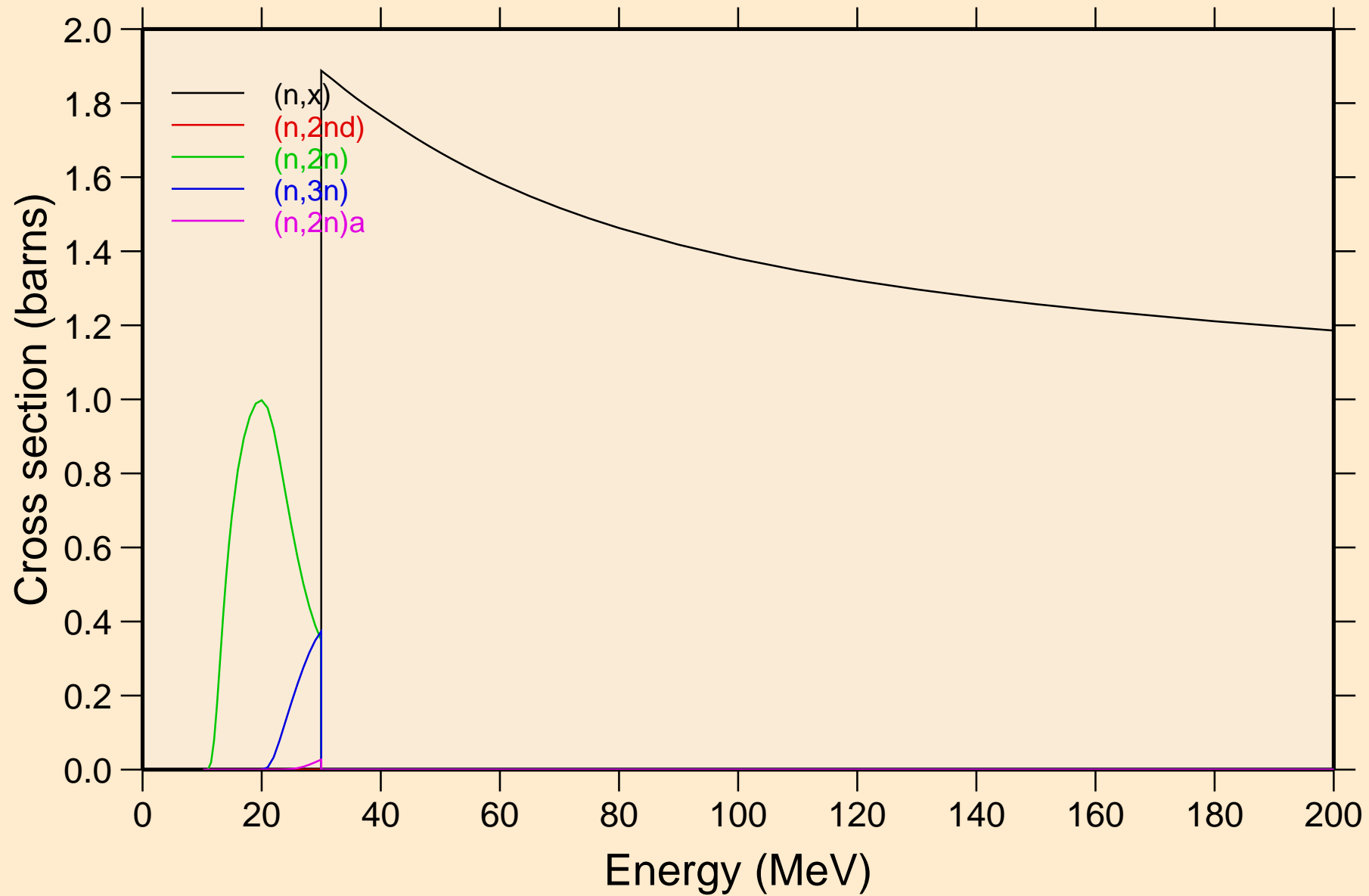
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



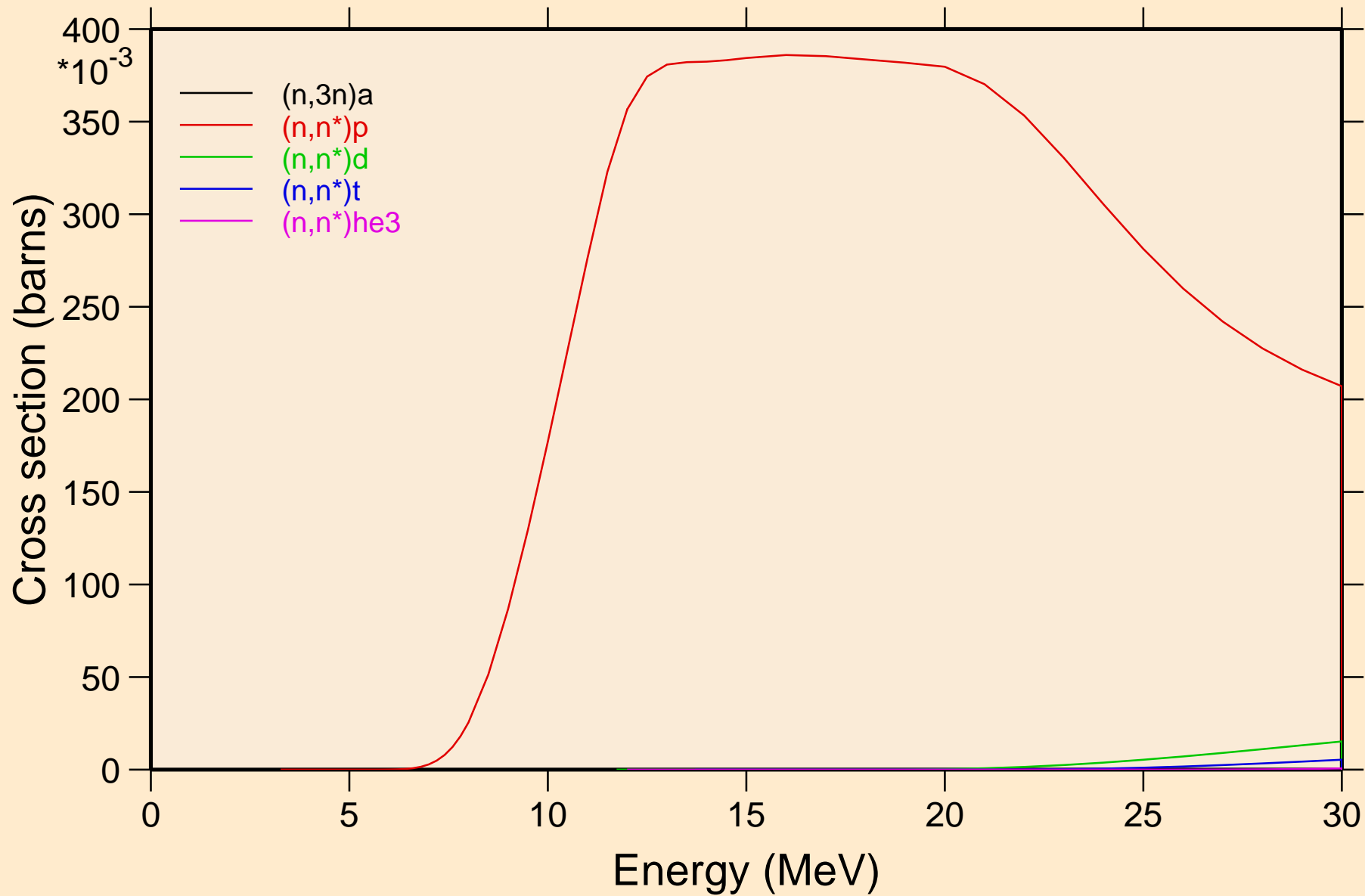
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

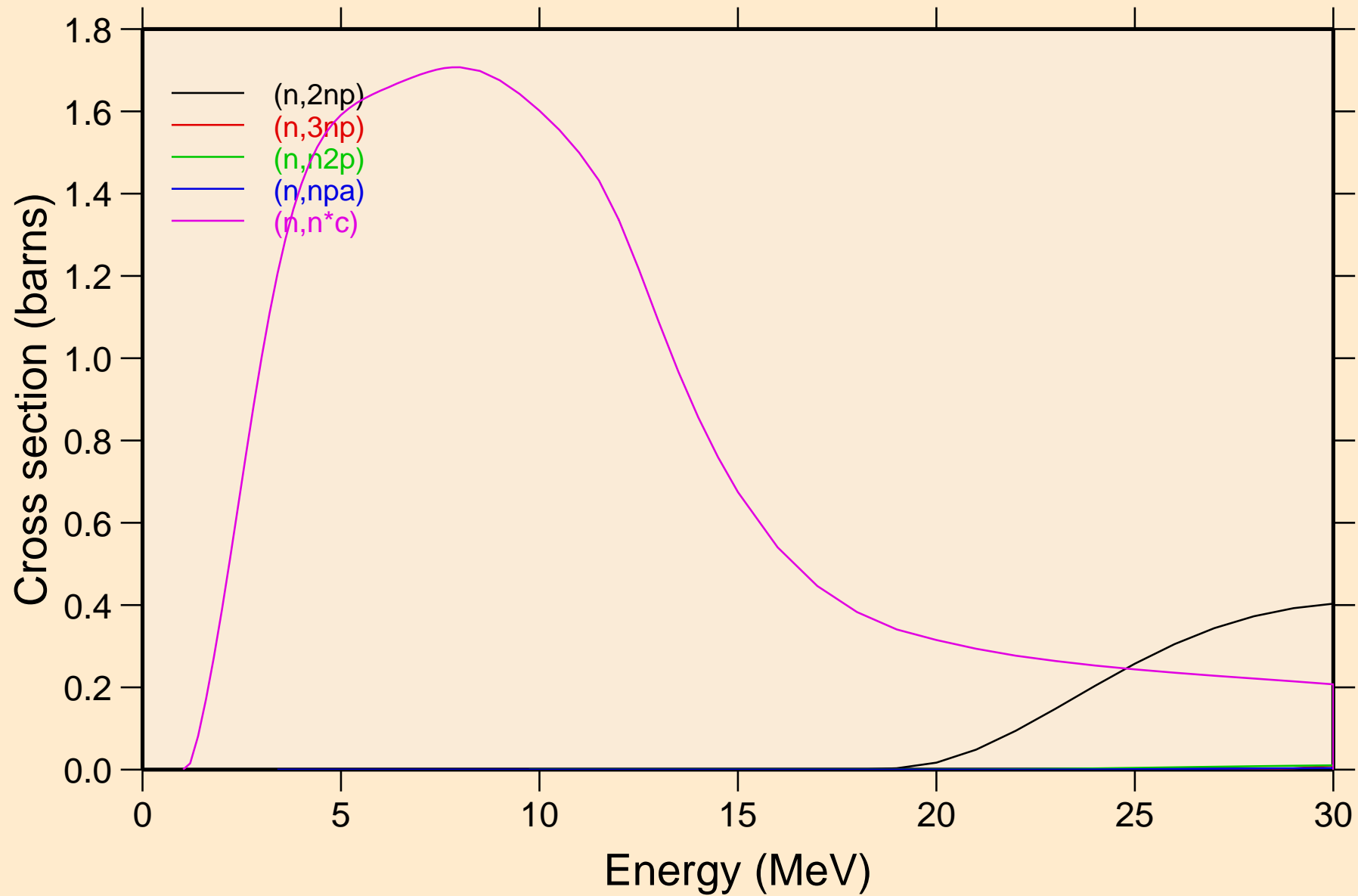


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

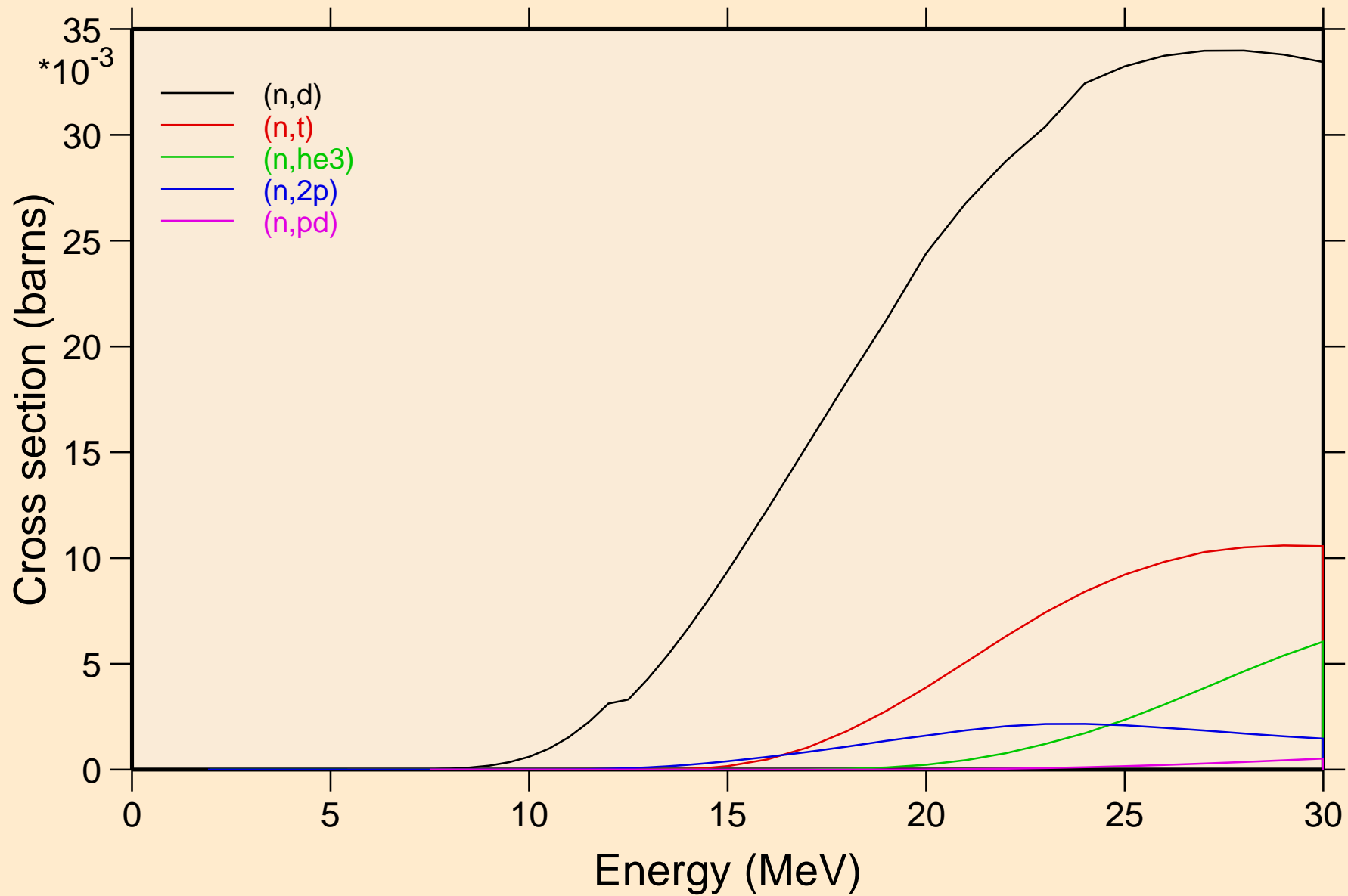




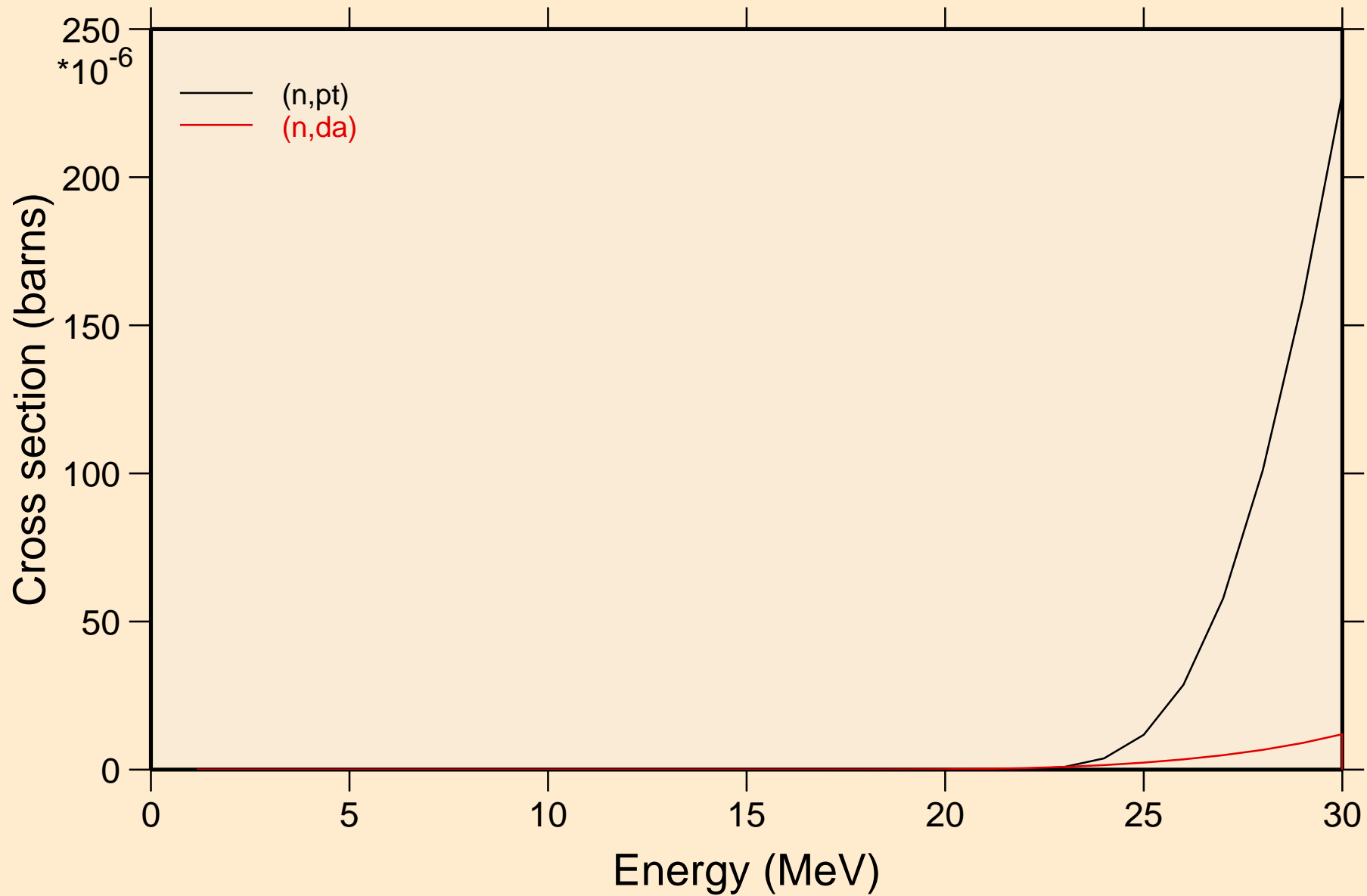
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



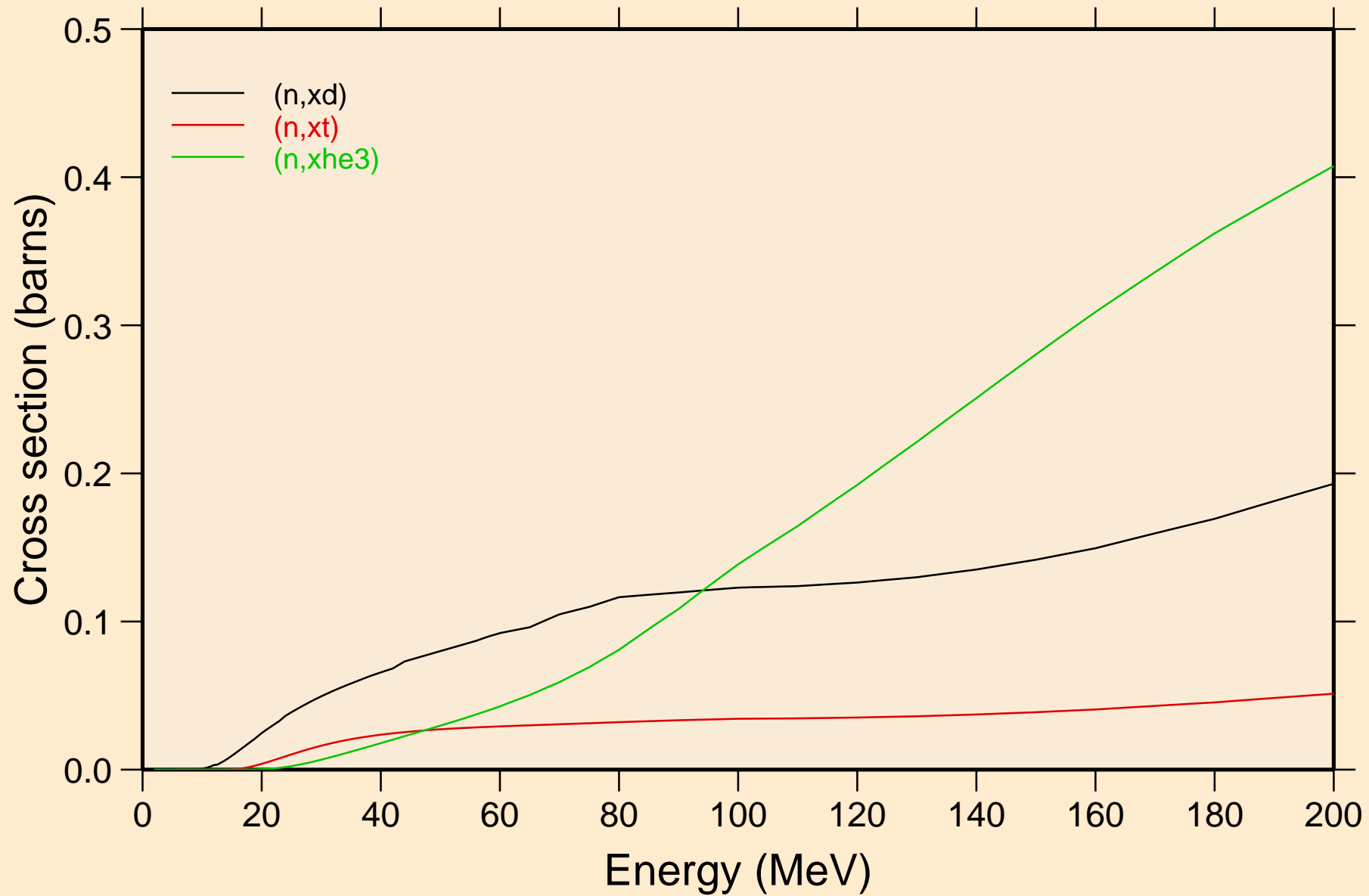
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



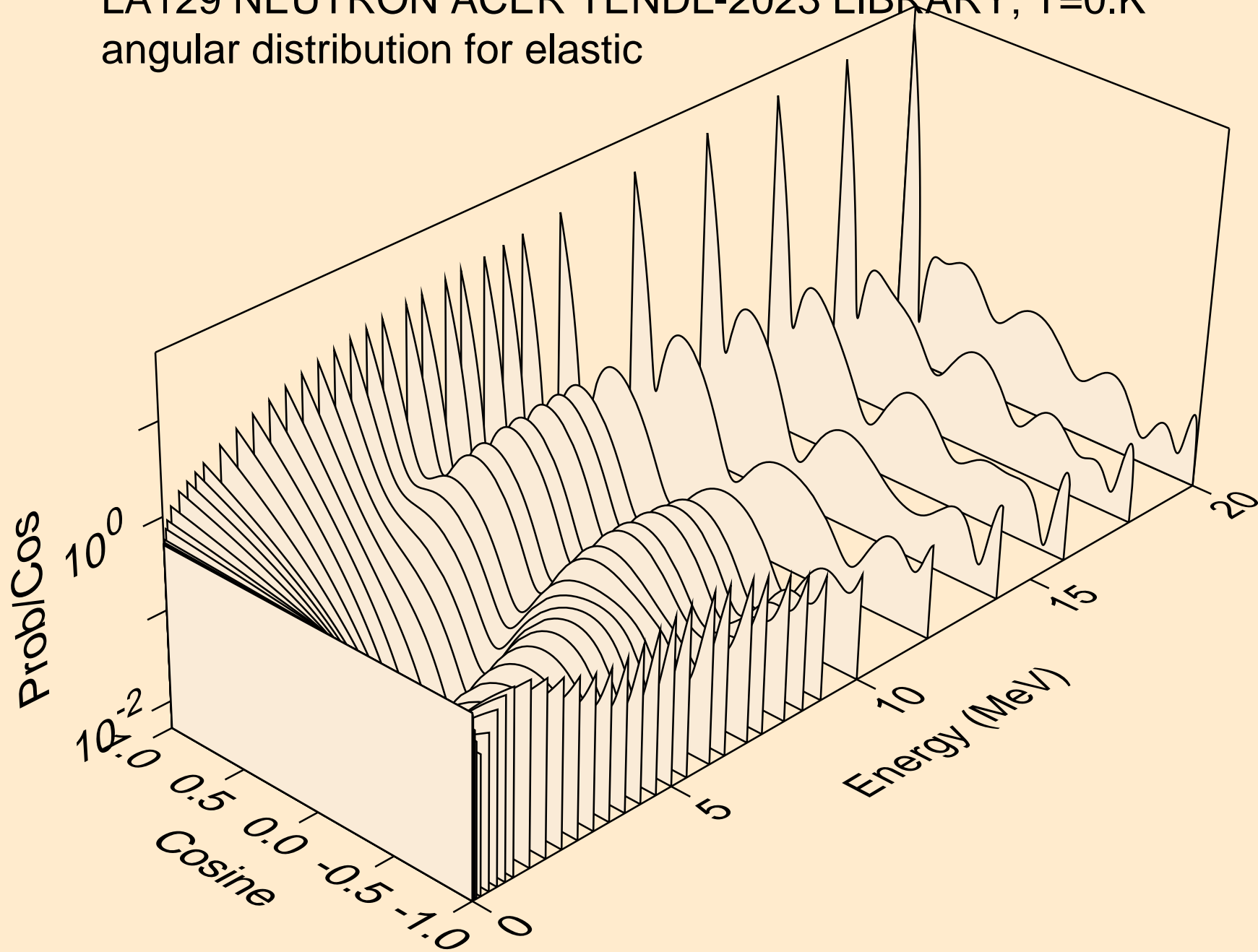
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



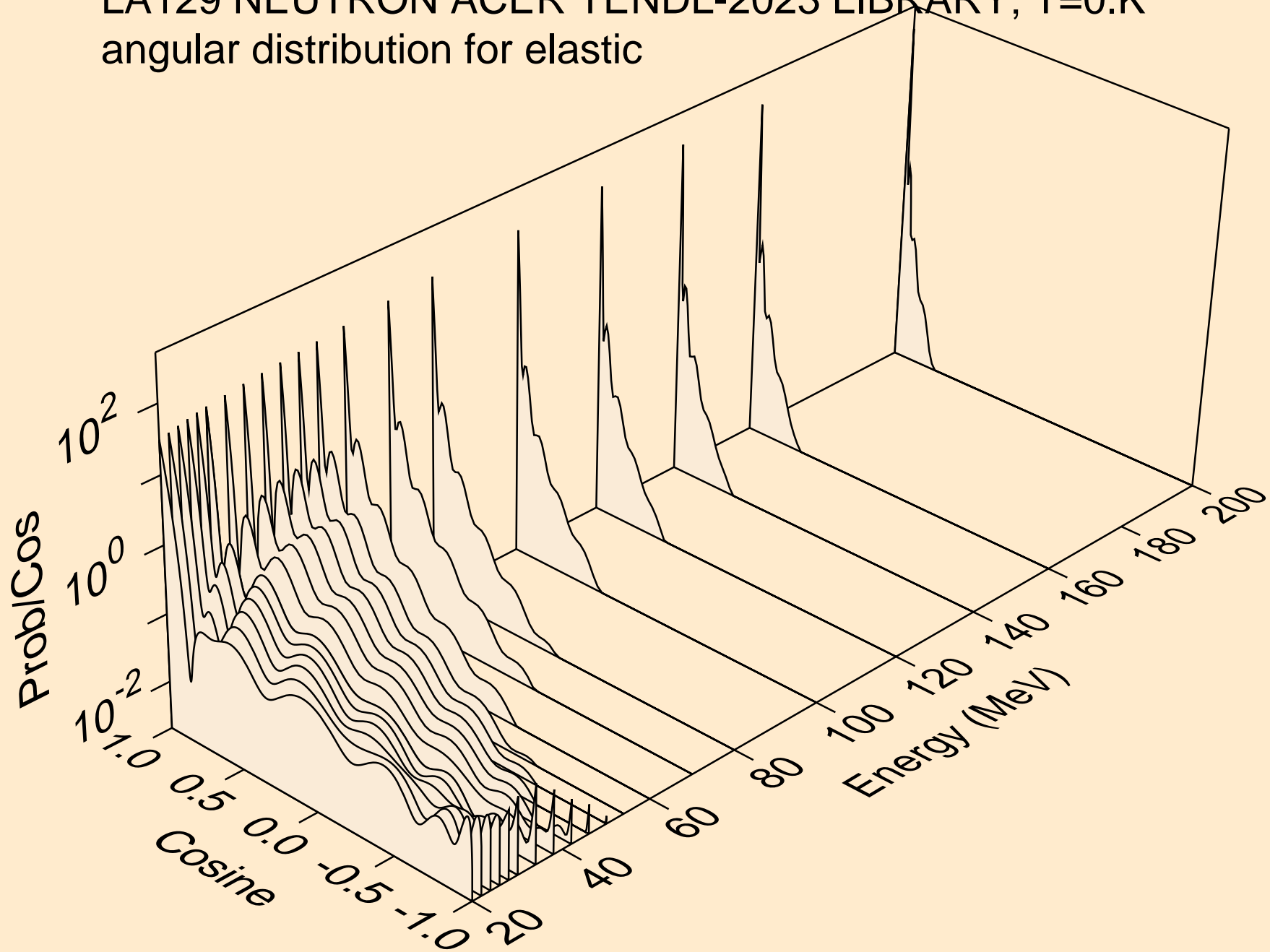
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



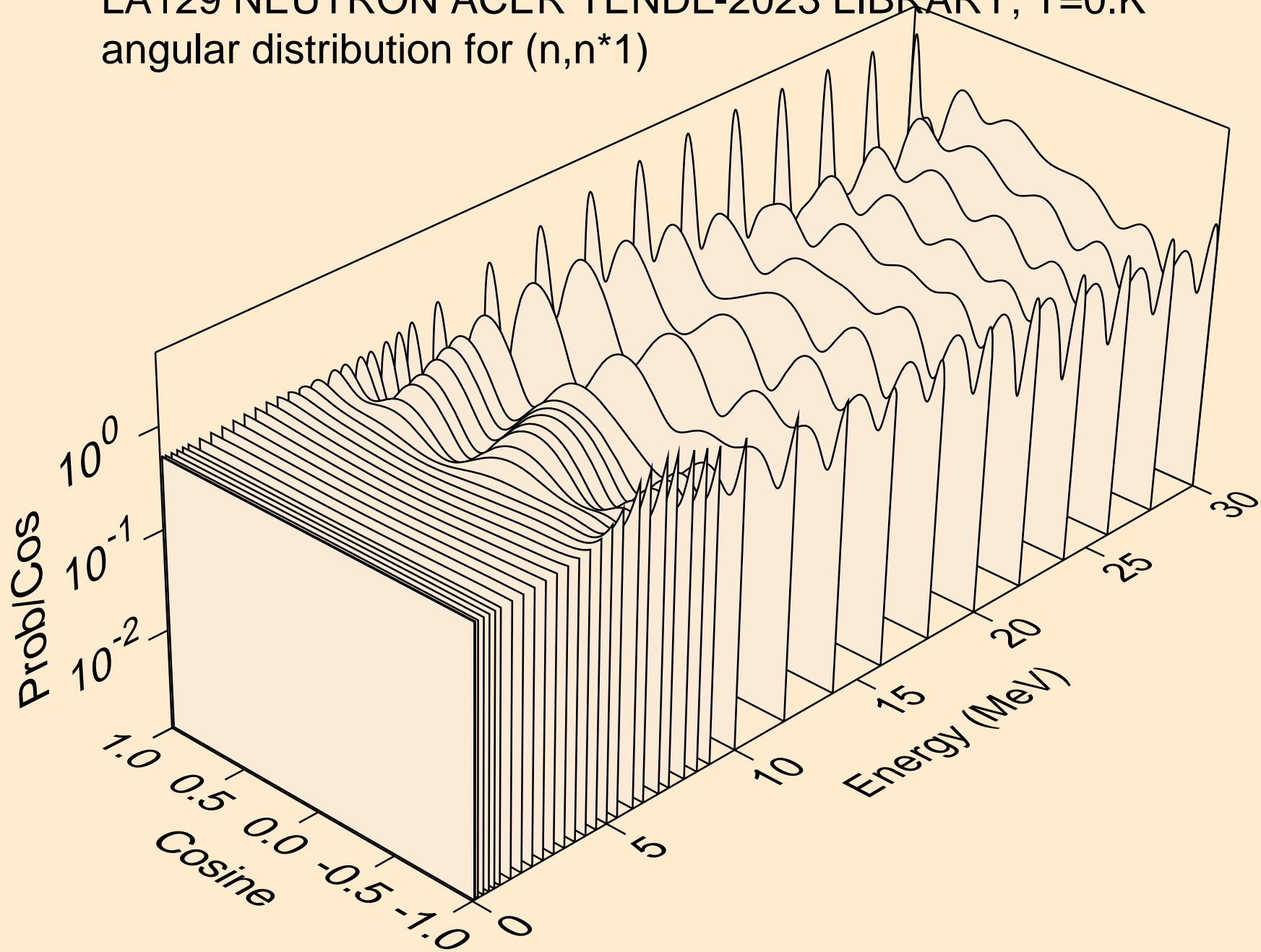
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



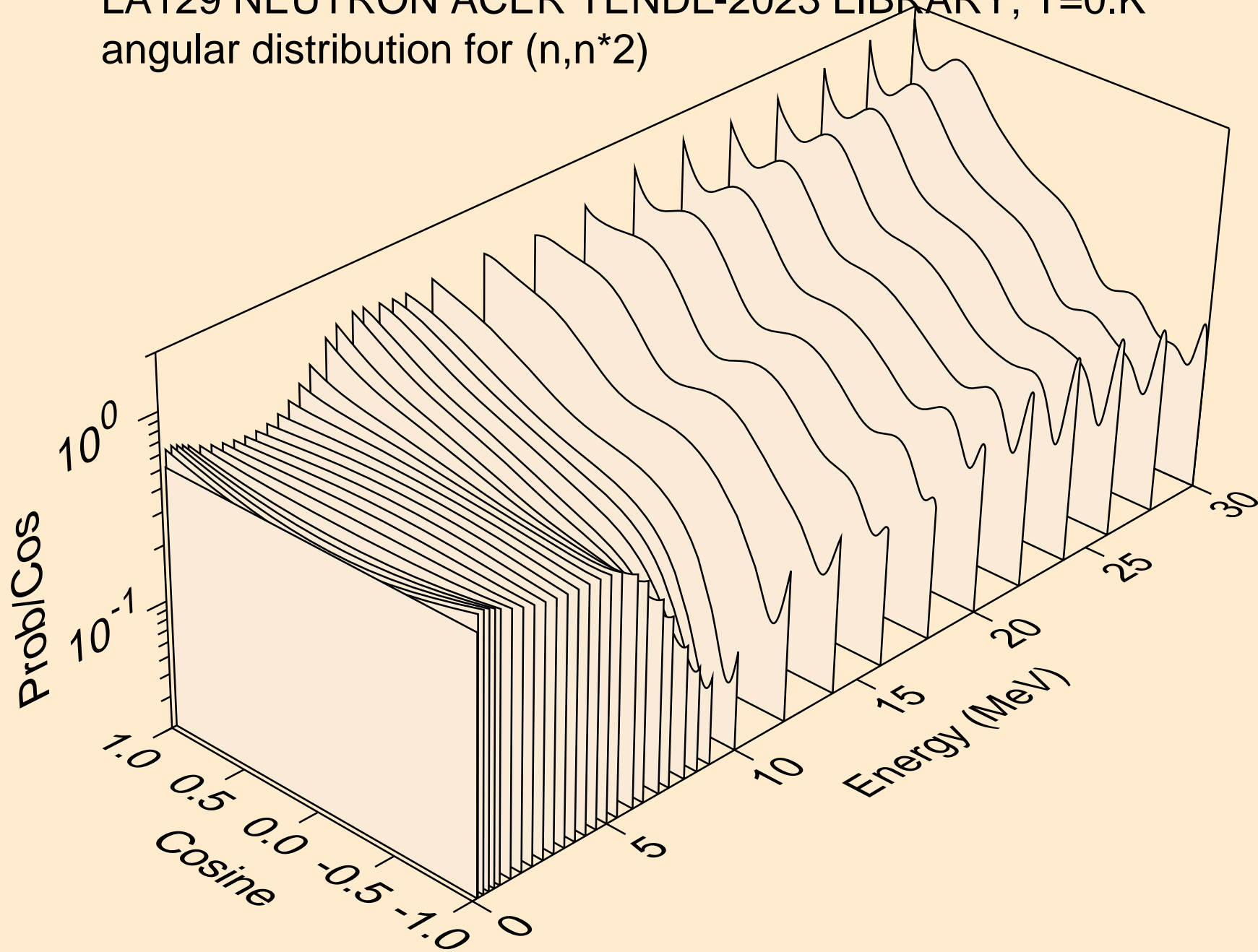
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

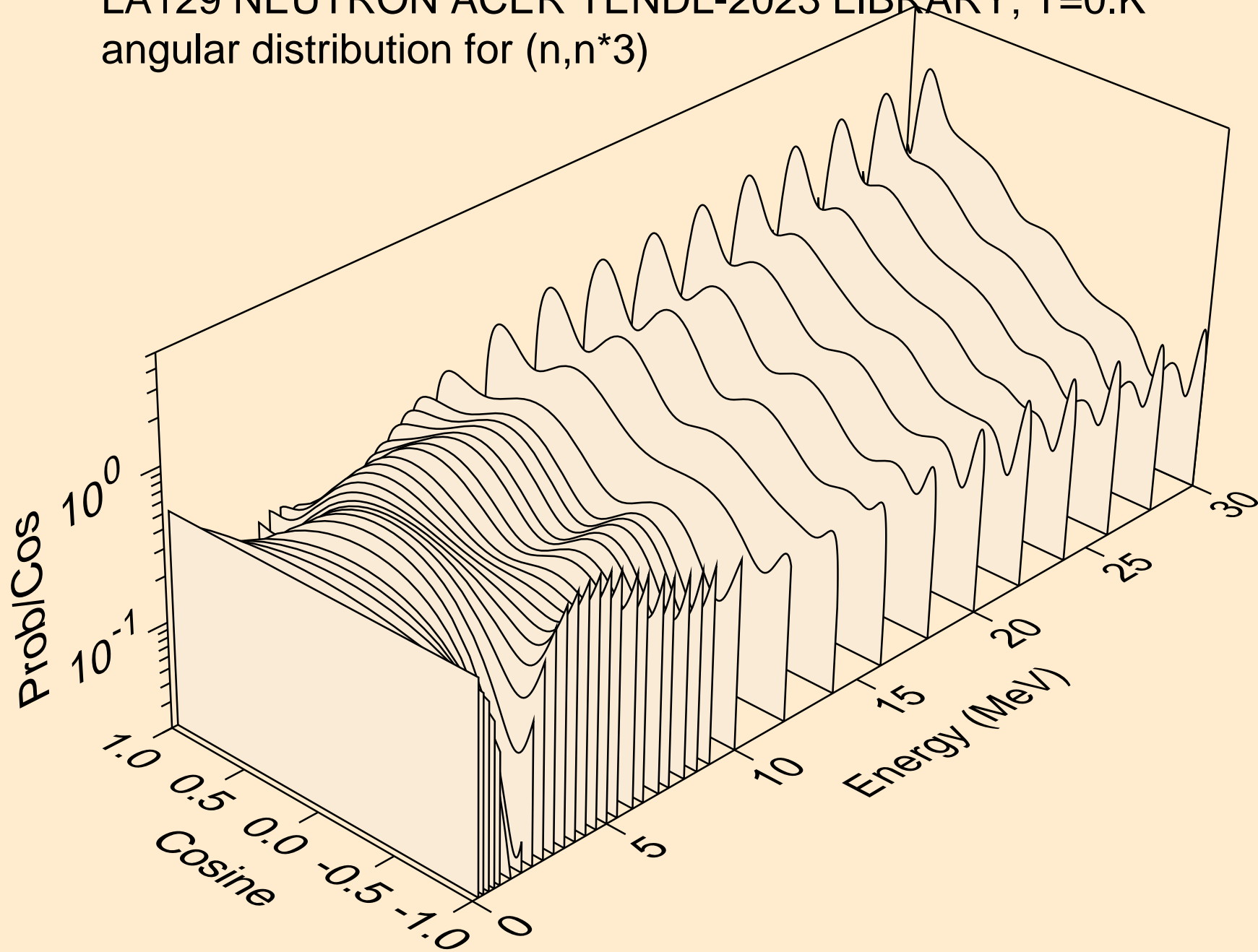


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

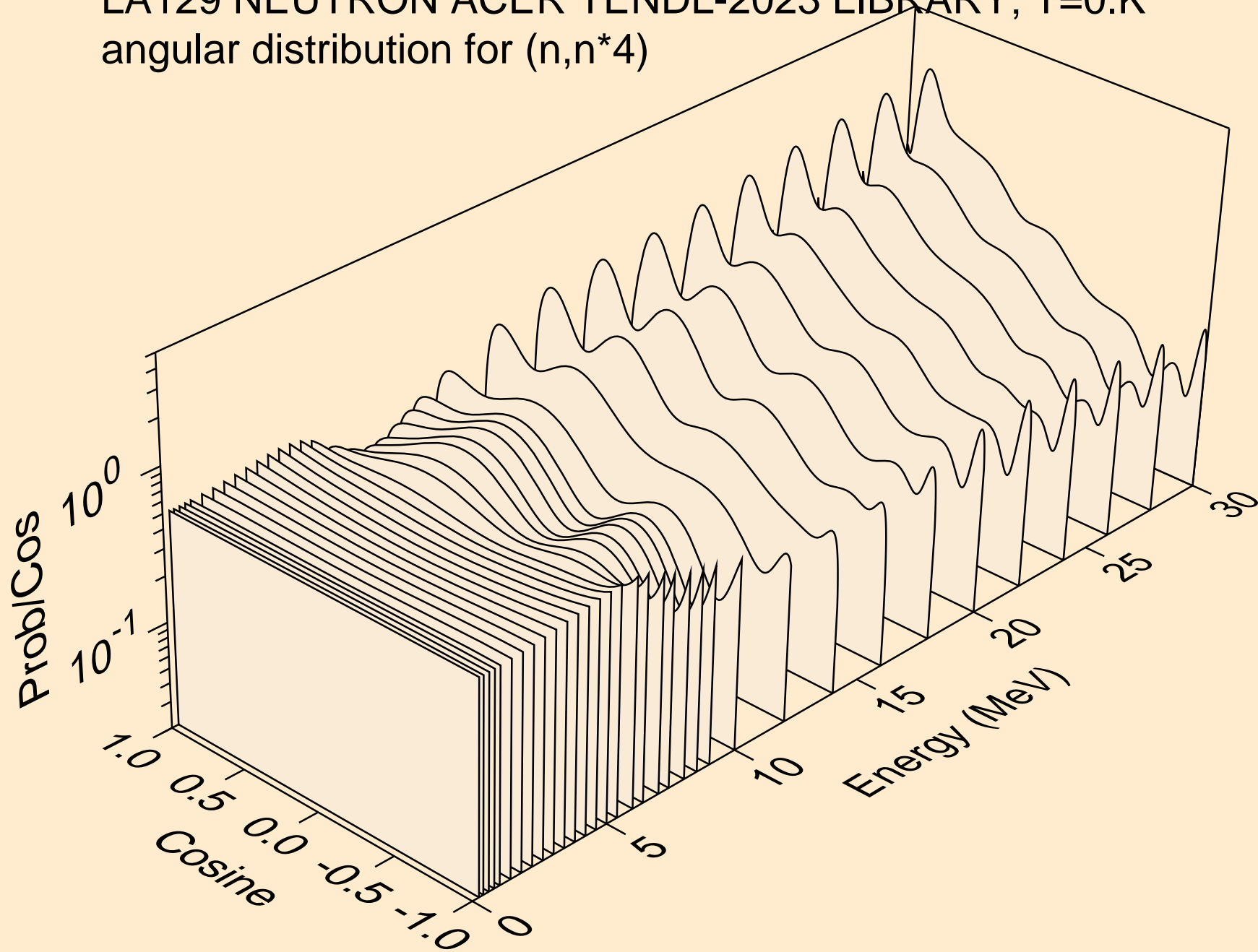




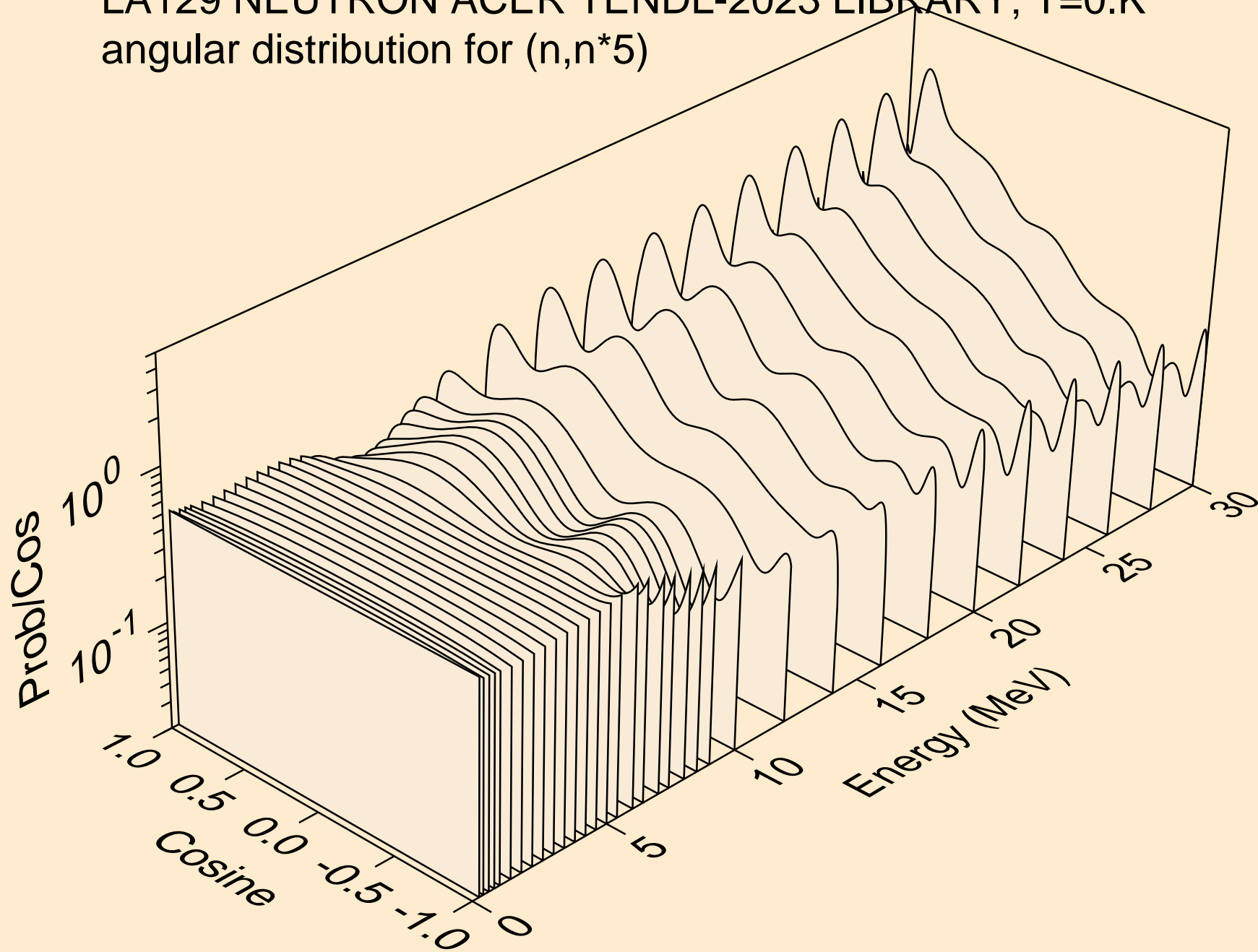
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angular distribution for (n,n\*3)



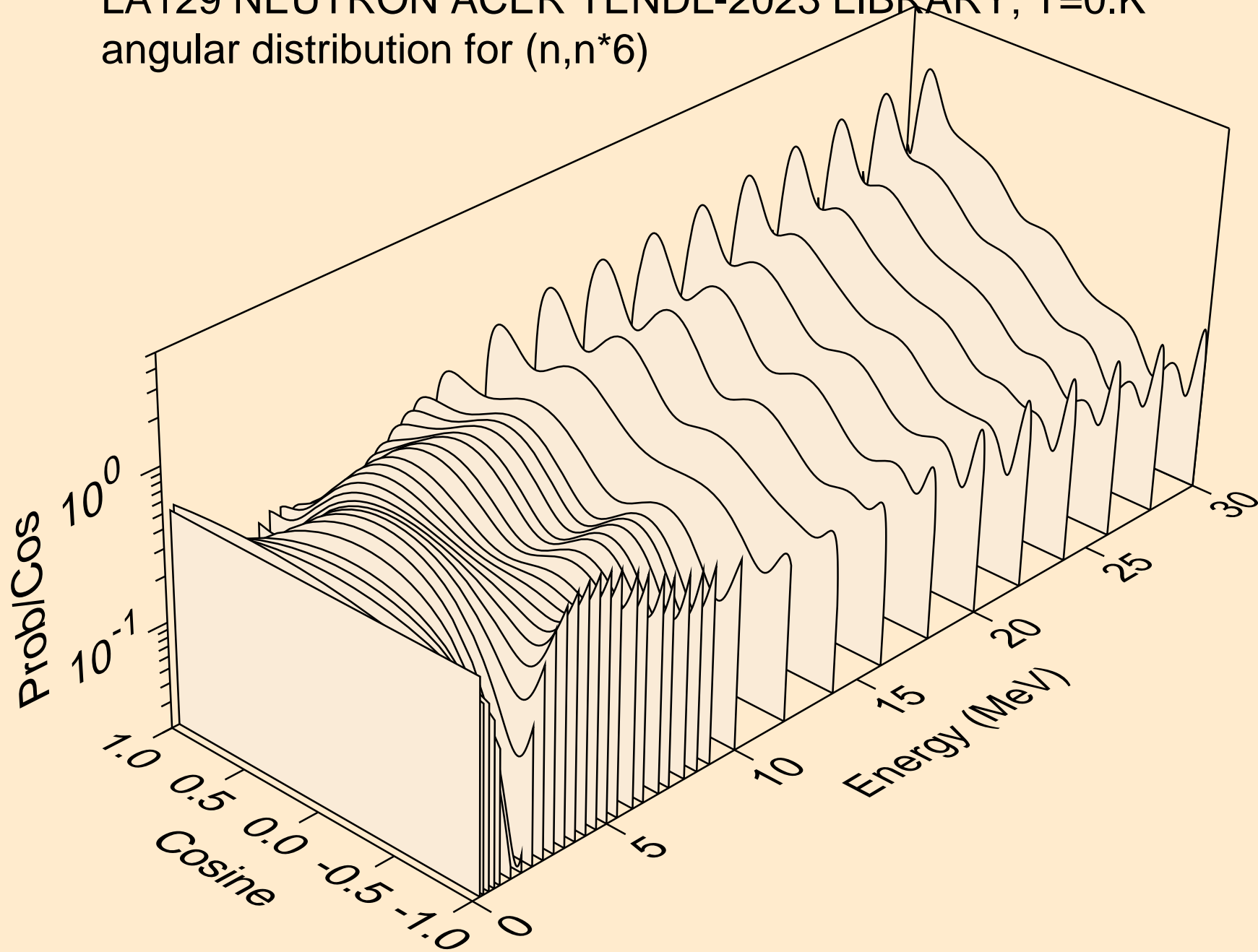
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angular distribution for (n,n\*4)



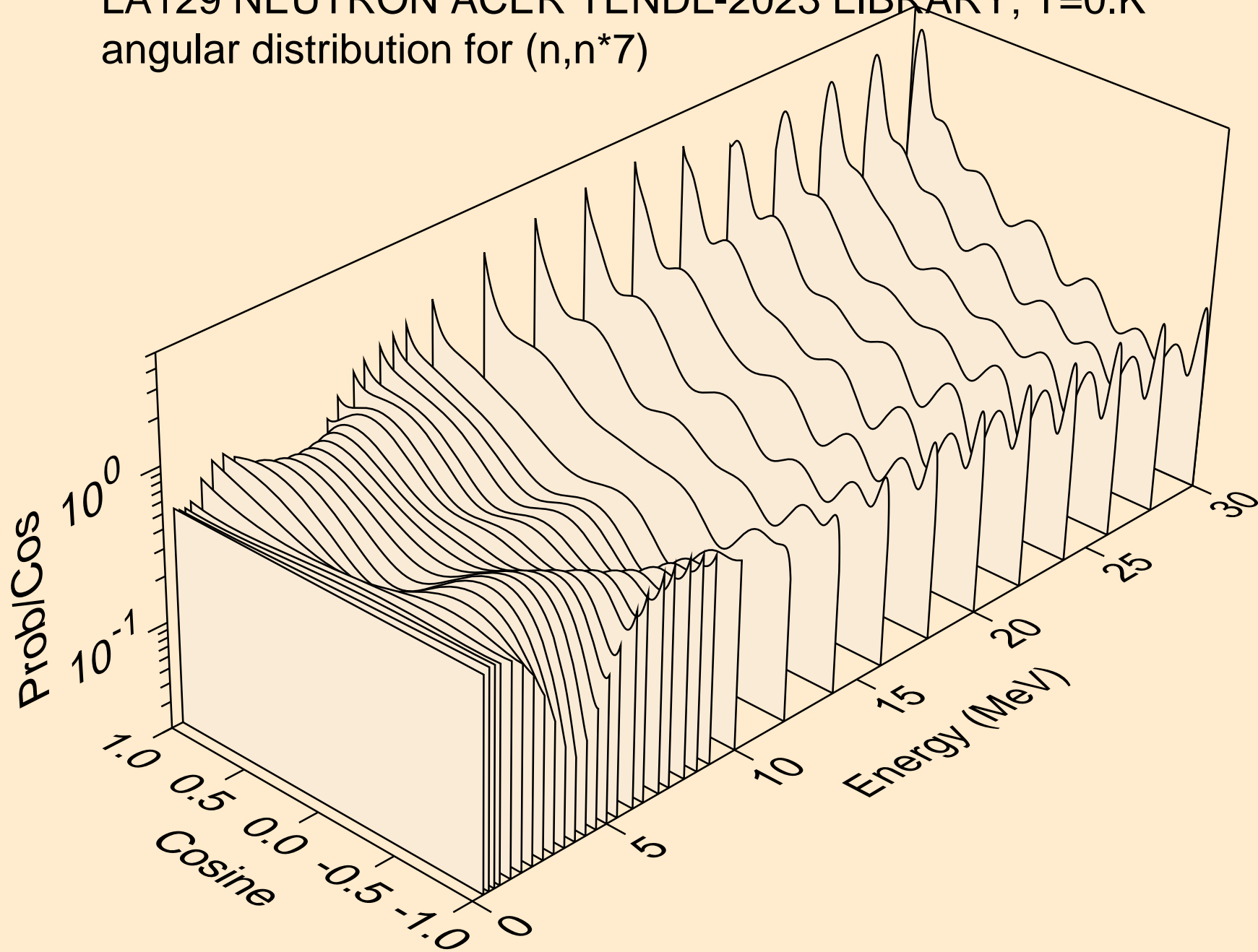
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angular distribution for (n,n\*5)



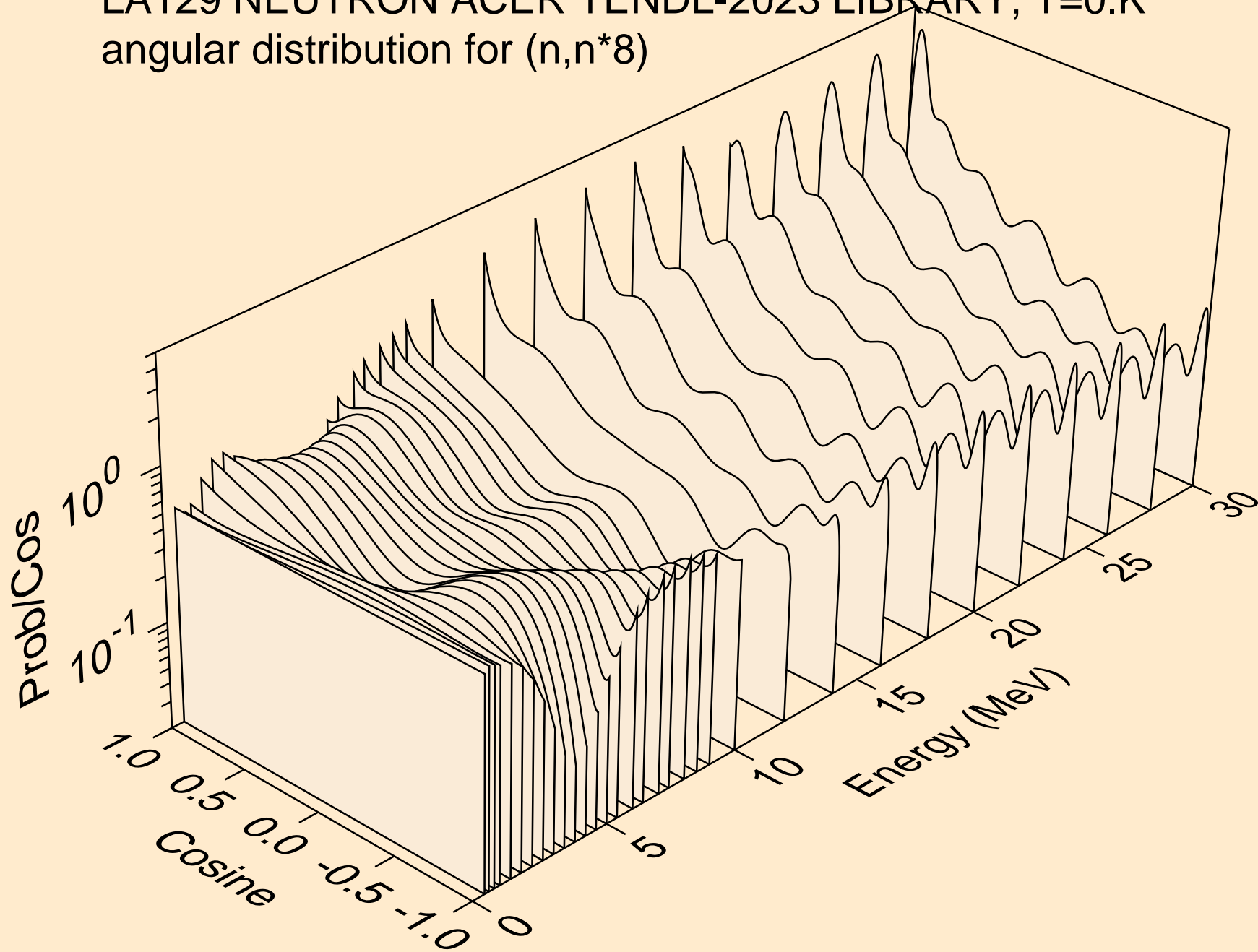
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angular distribution for (n,n\*6)



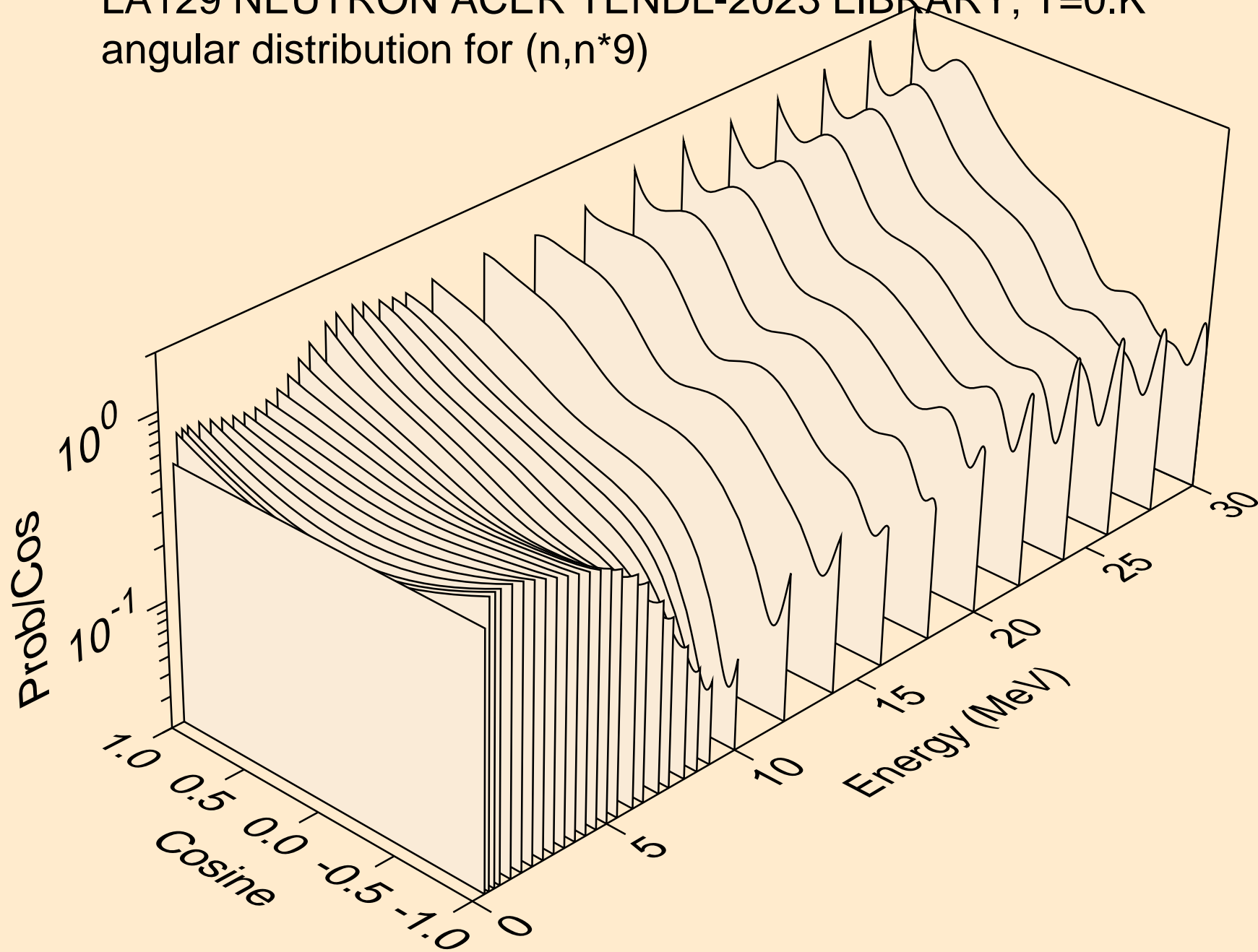
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angular distribution for (n,n\*7)



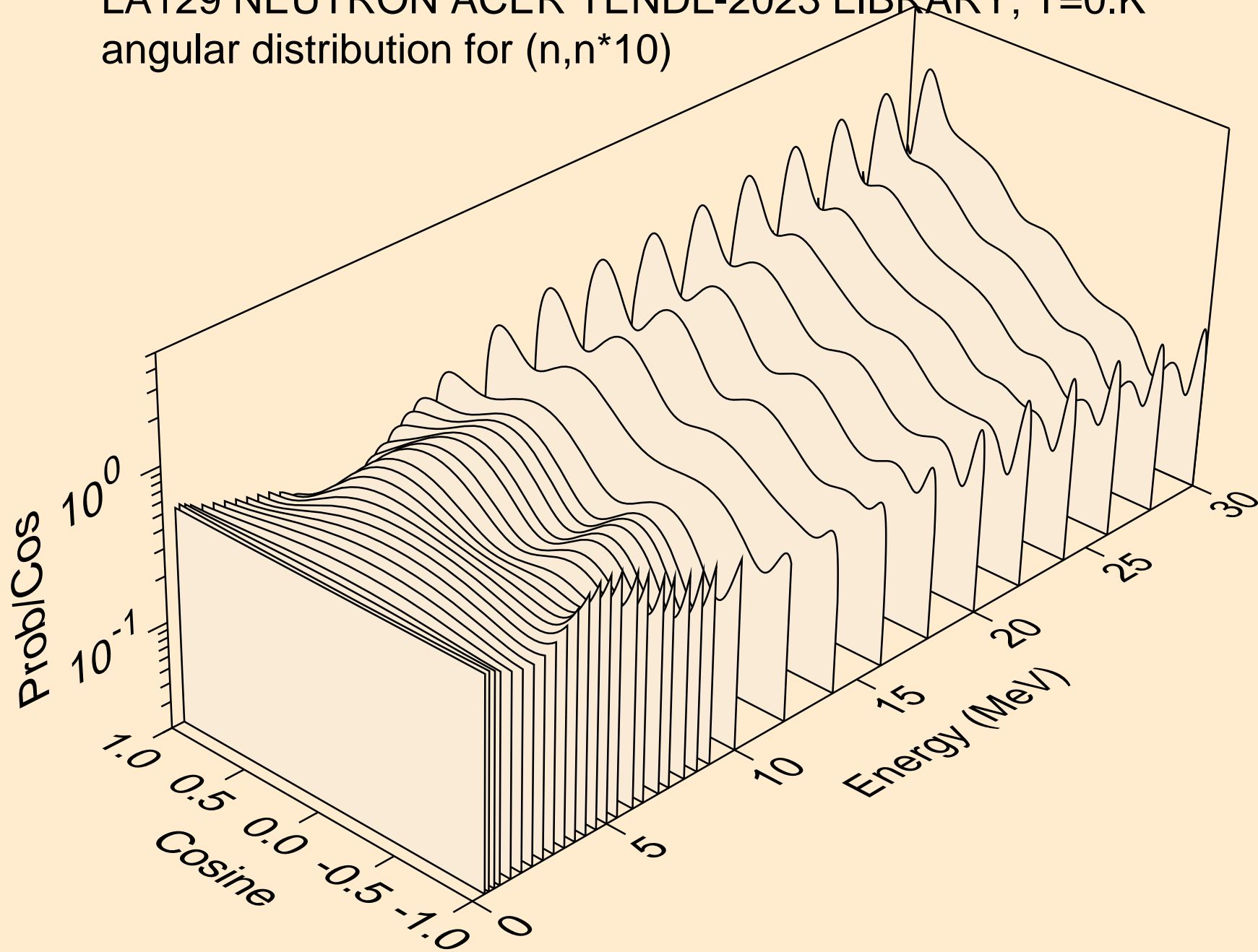
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

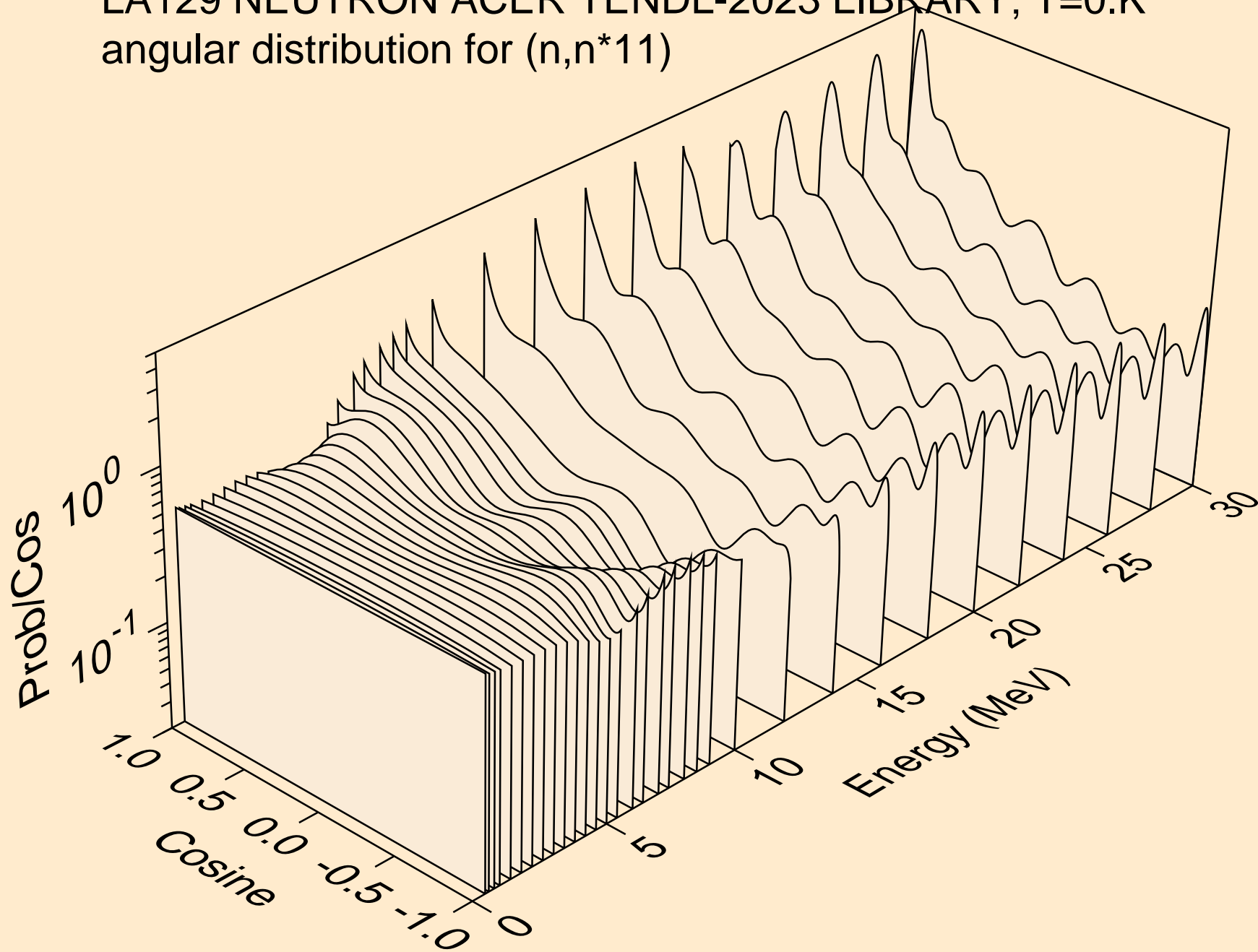


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

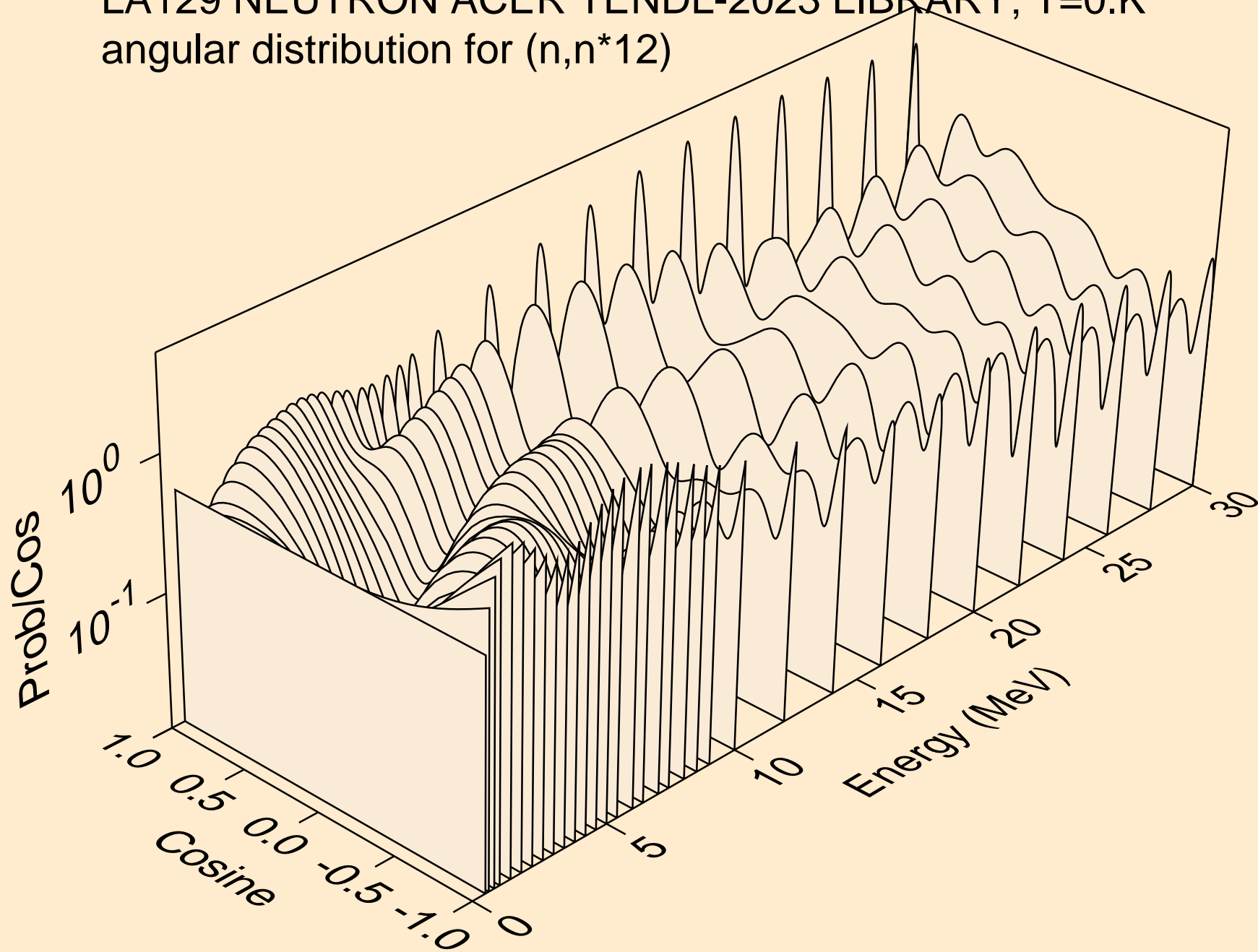




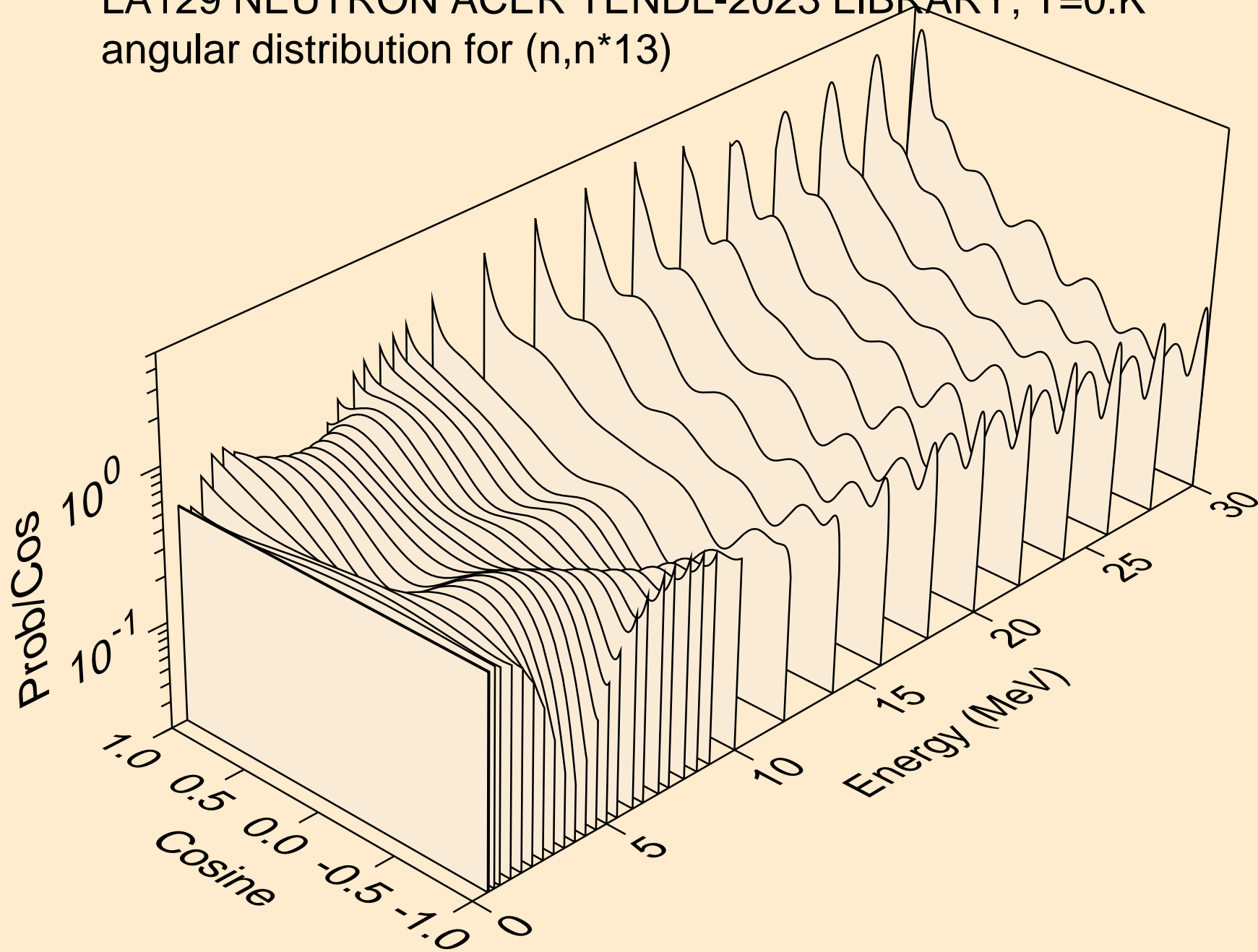
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angular distribution for (n,n\*11)



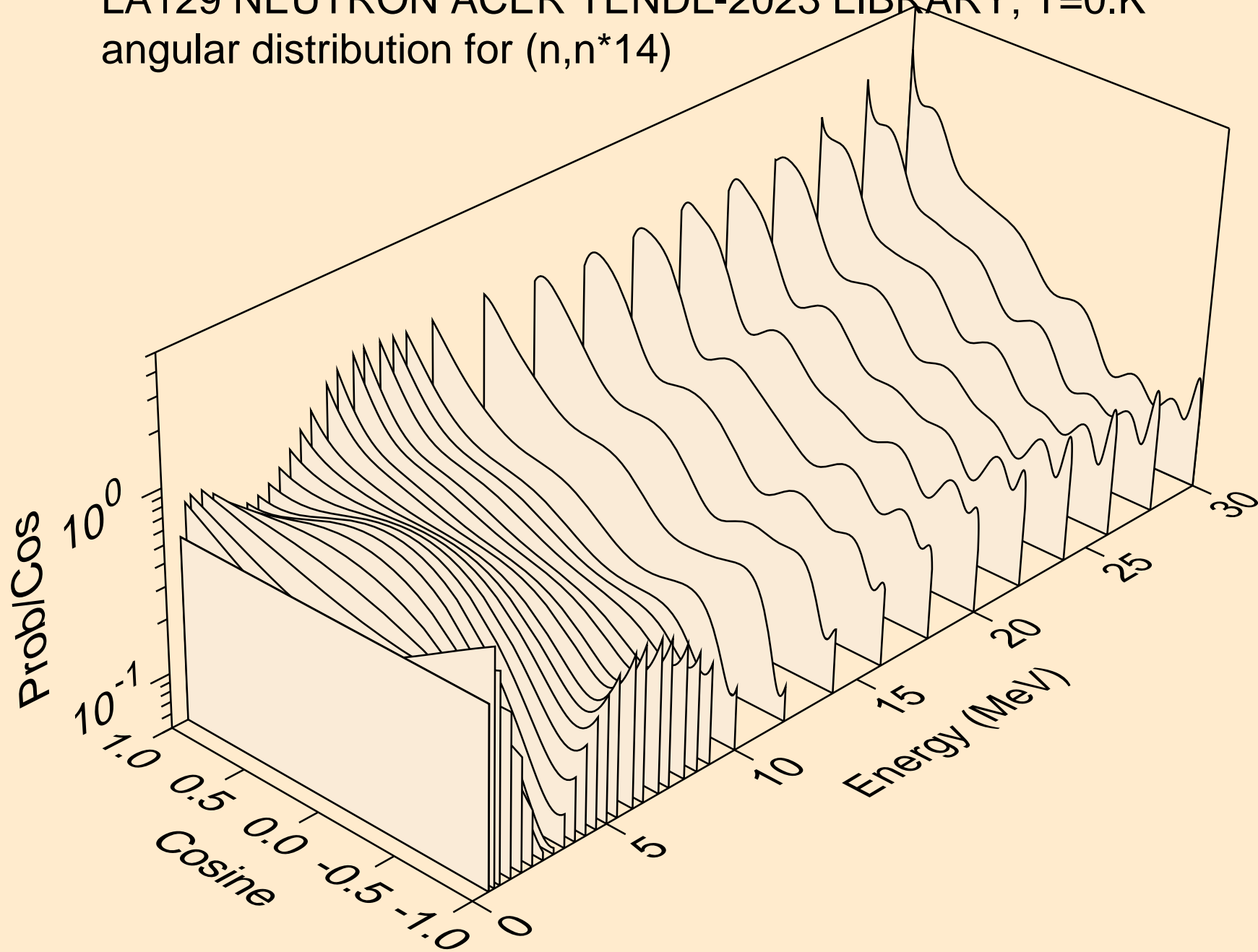
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angular distribution for (n,n\*12)



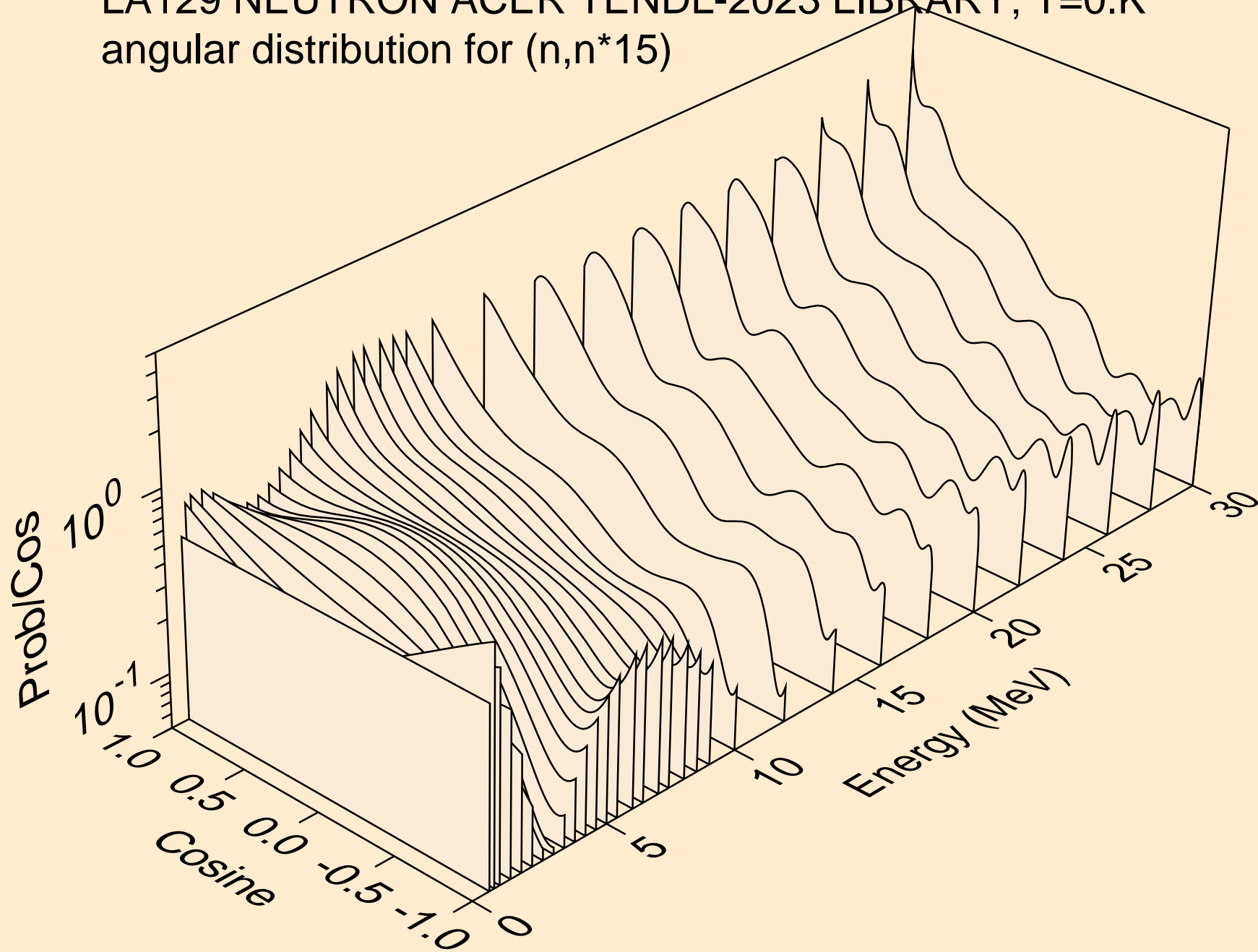
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angular distribution for (n,n\*13)



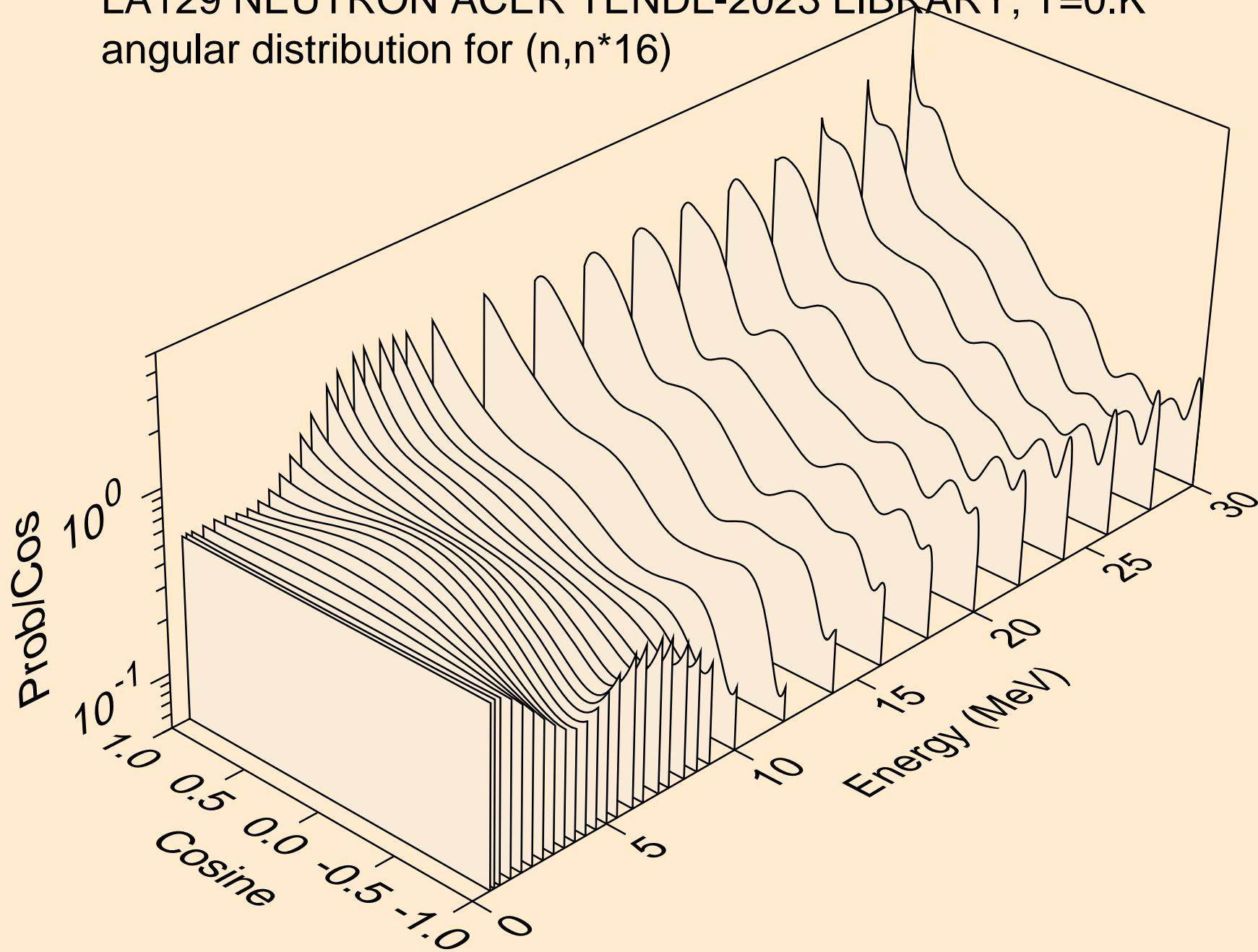
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angular distribution for (n,n\*14)



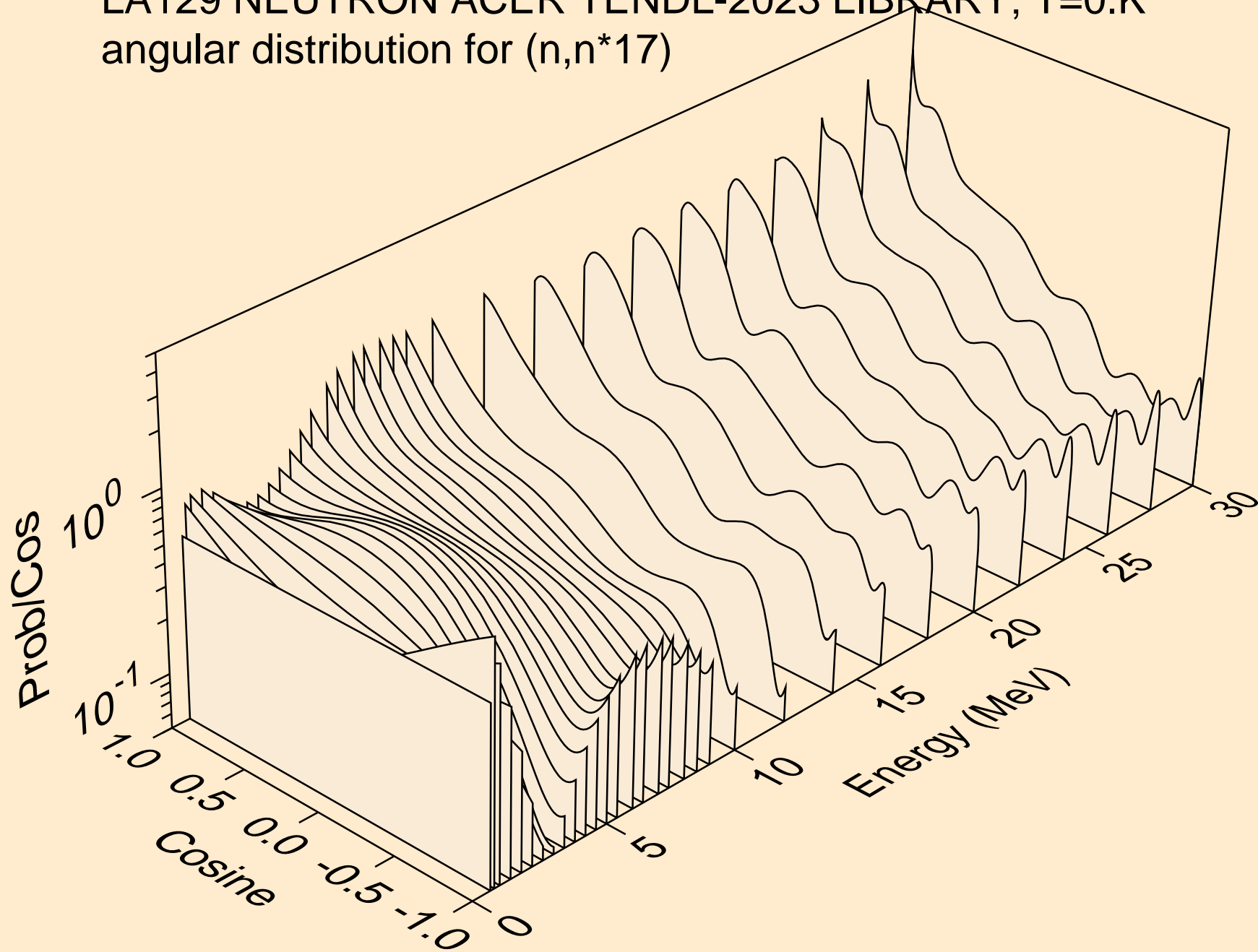
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



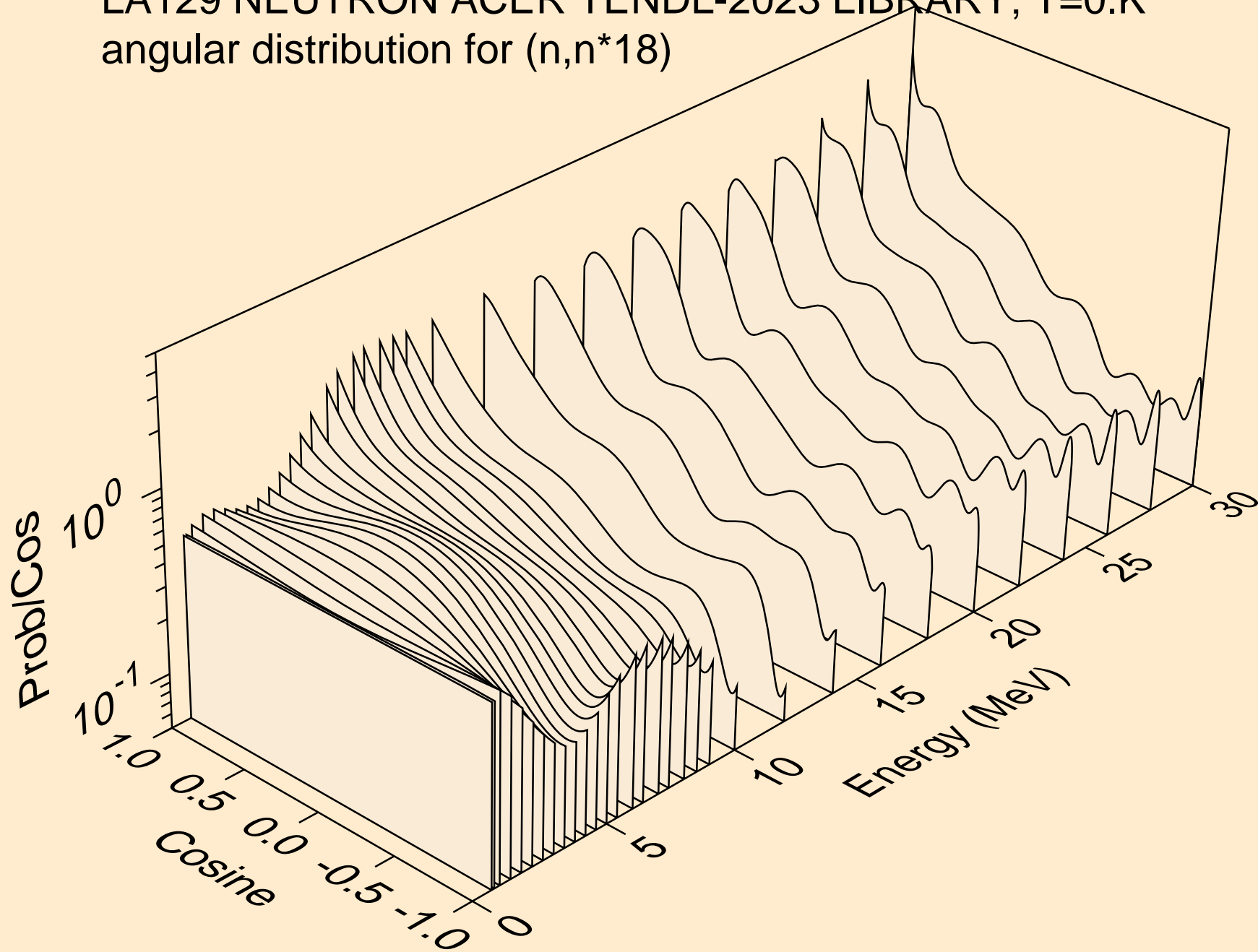
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

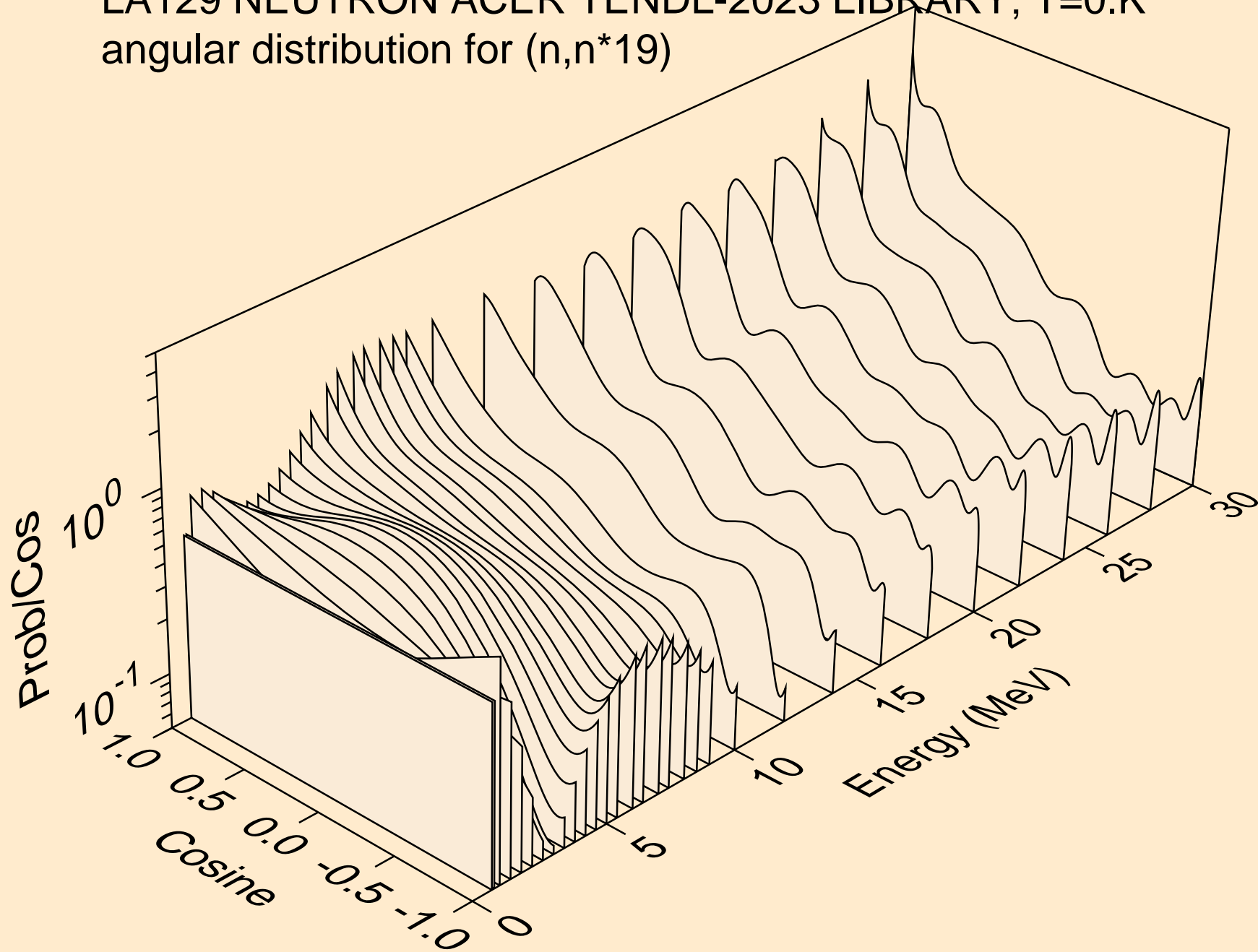


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

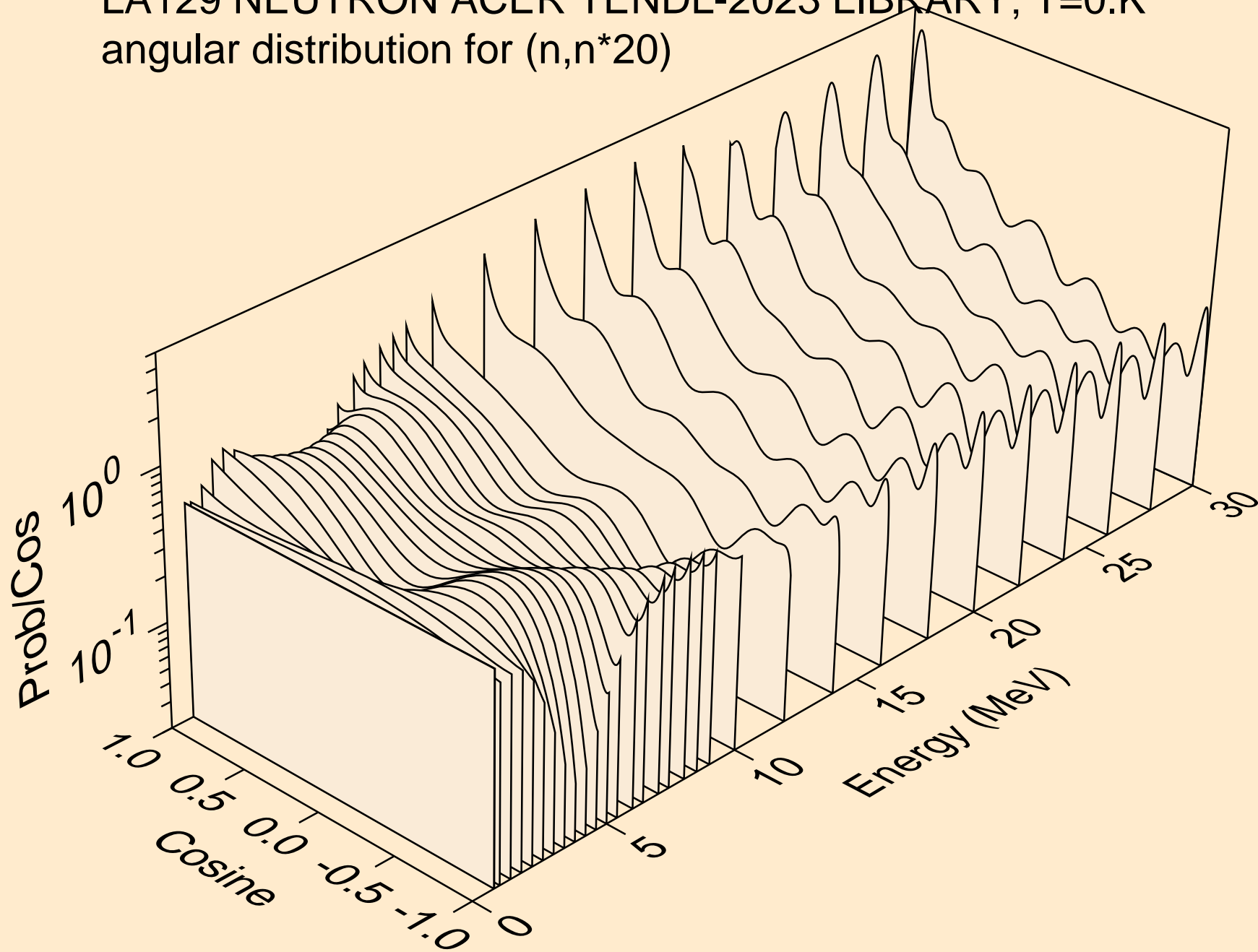




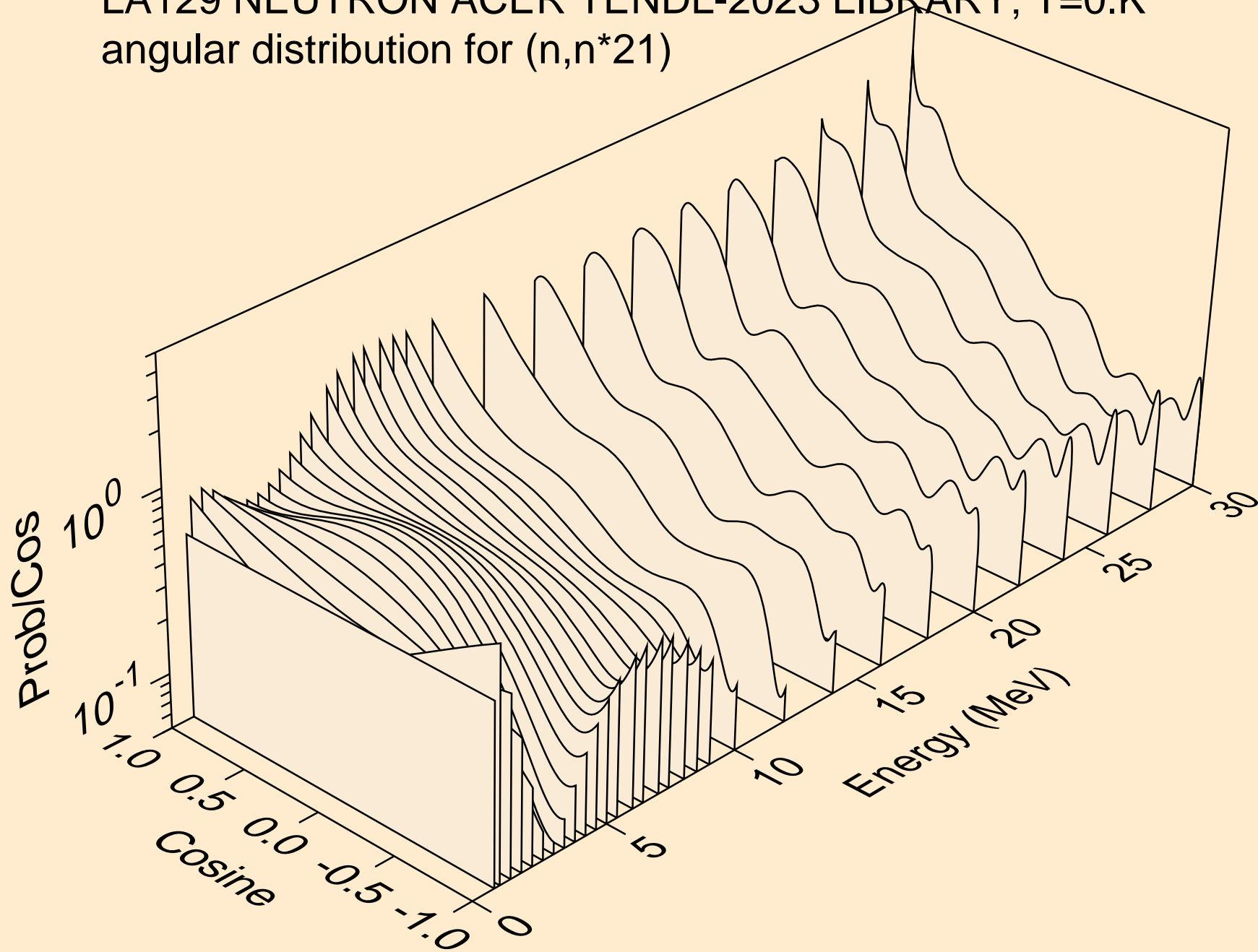
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angular distribution for (n,n\*19)



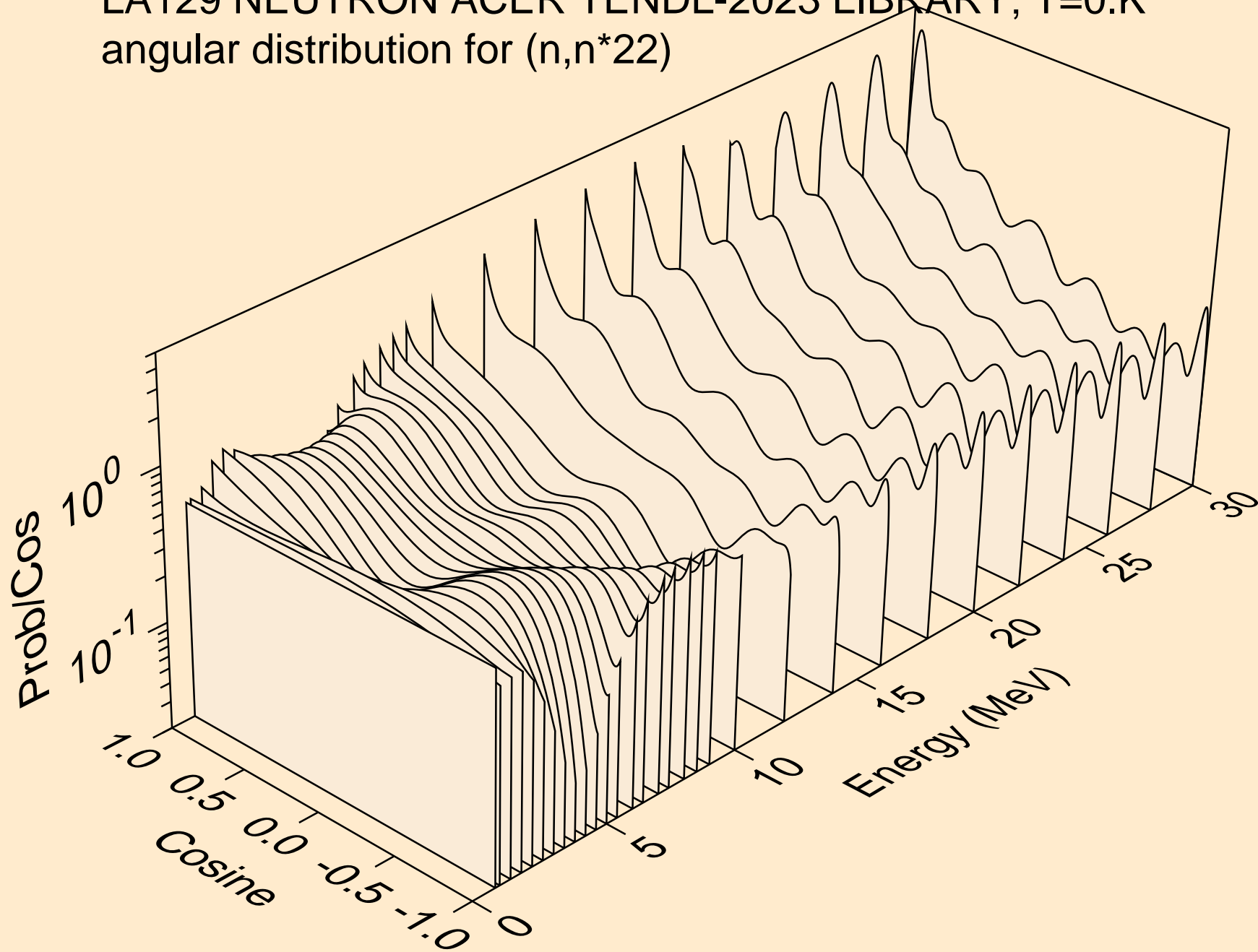
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angular distribution for (n,n\*20)



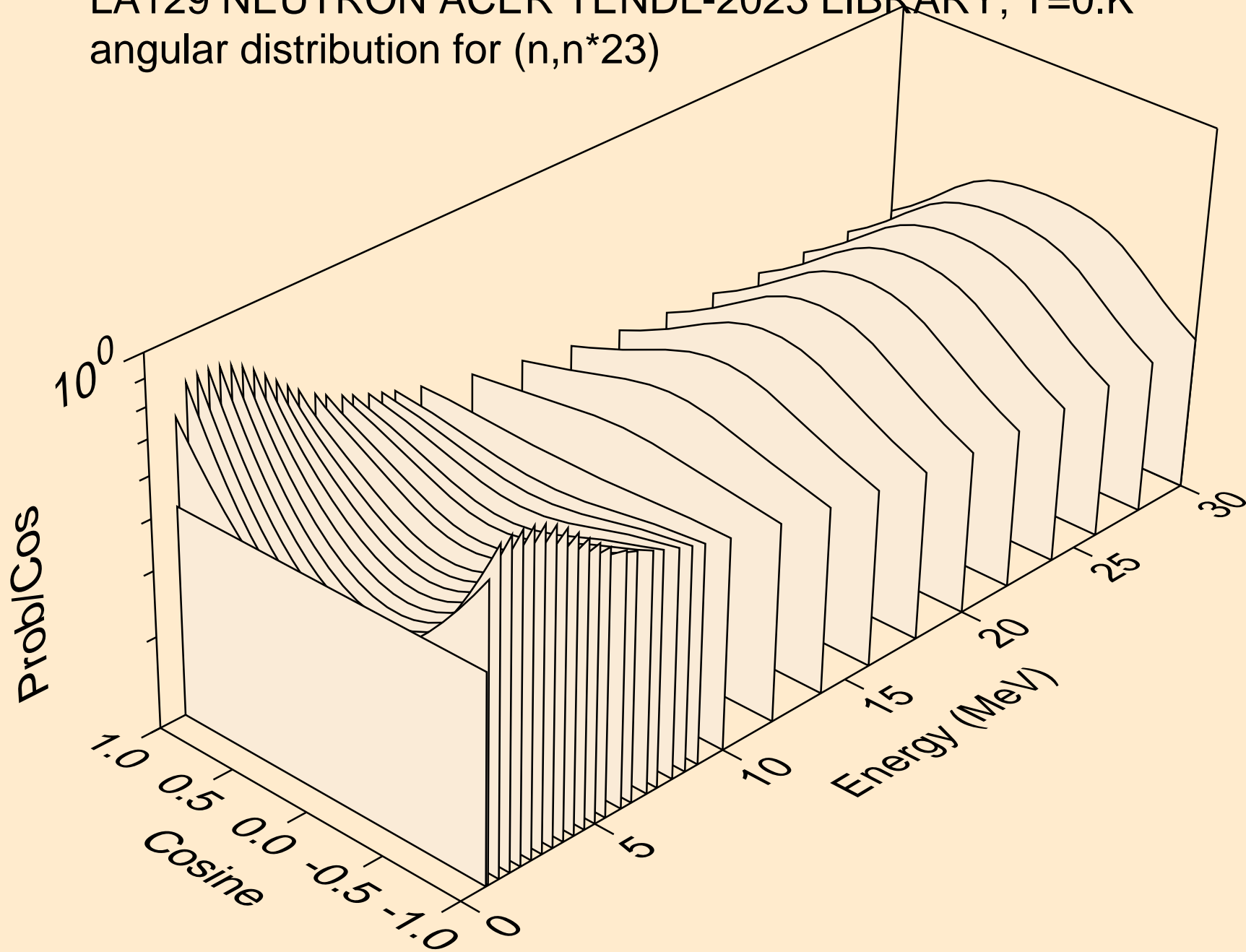
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angular distribution for (n,n\*21)



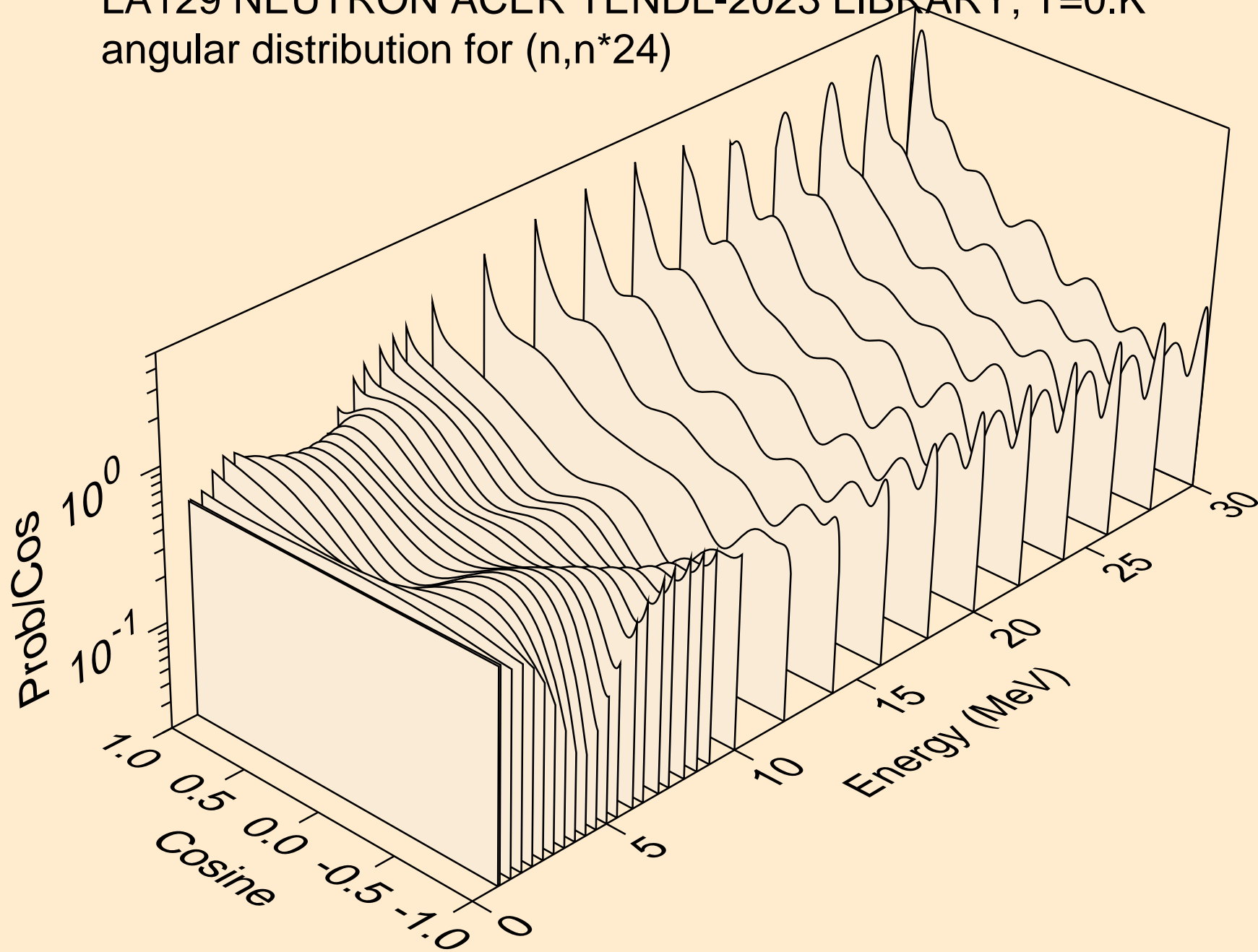
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angular distribution for (n,n\*22)



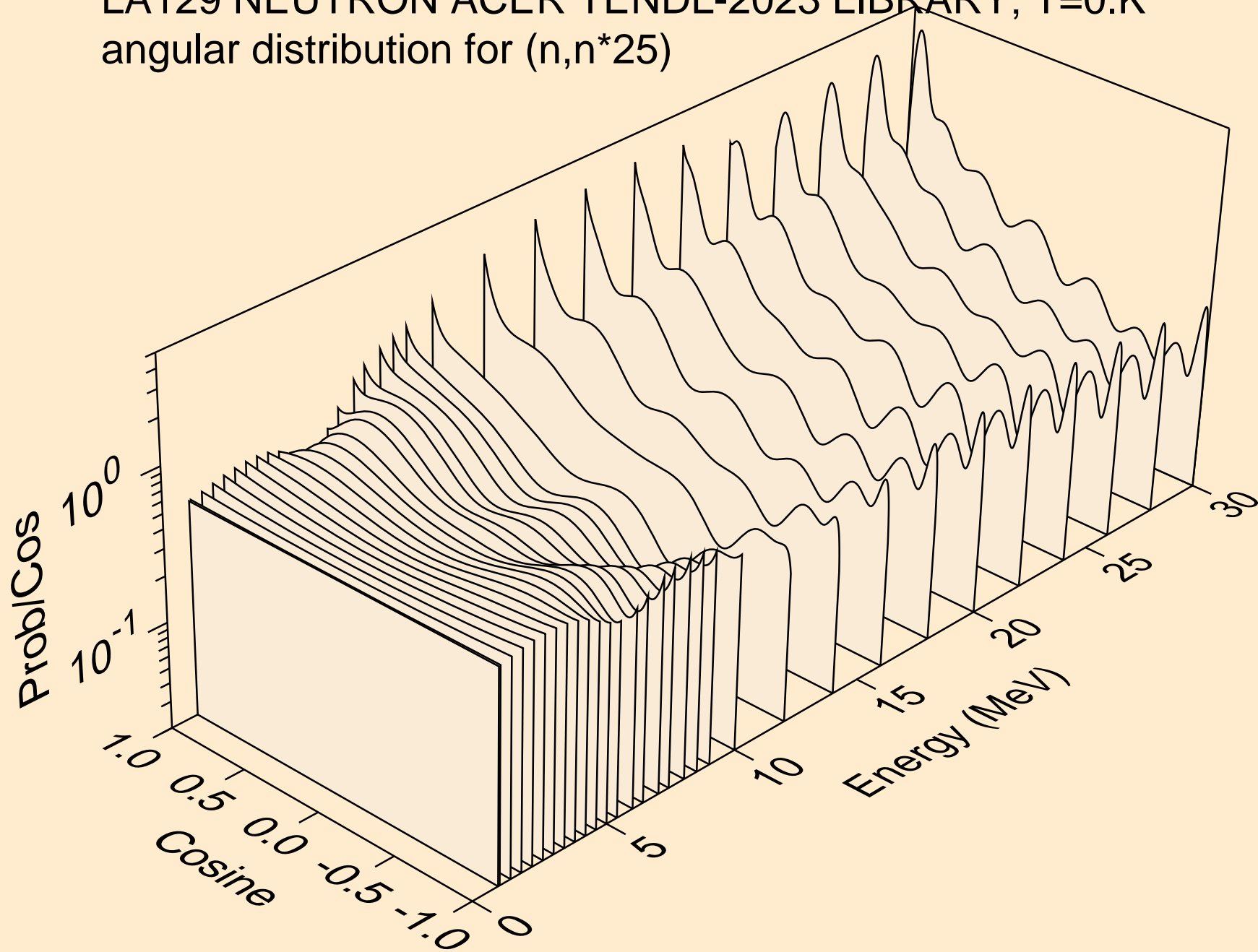
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angular distribution for (n,n\*23)



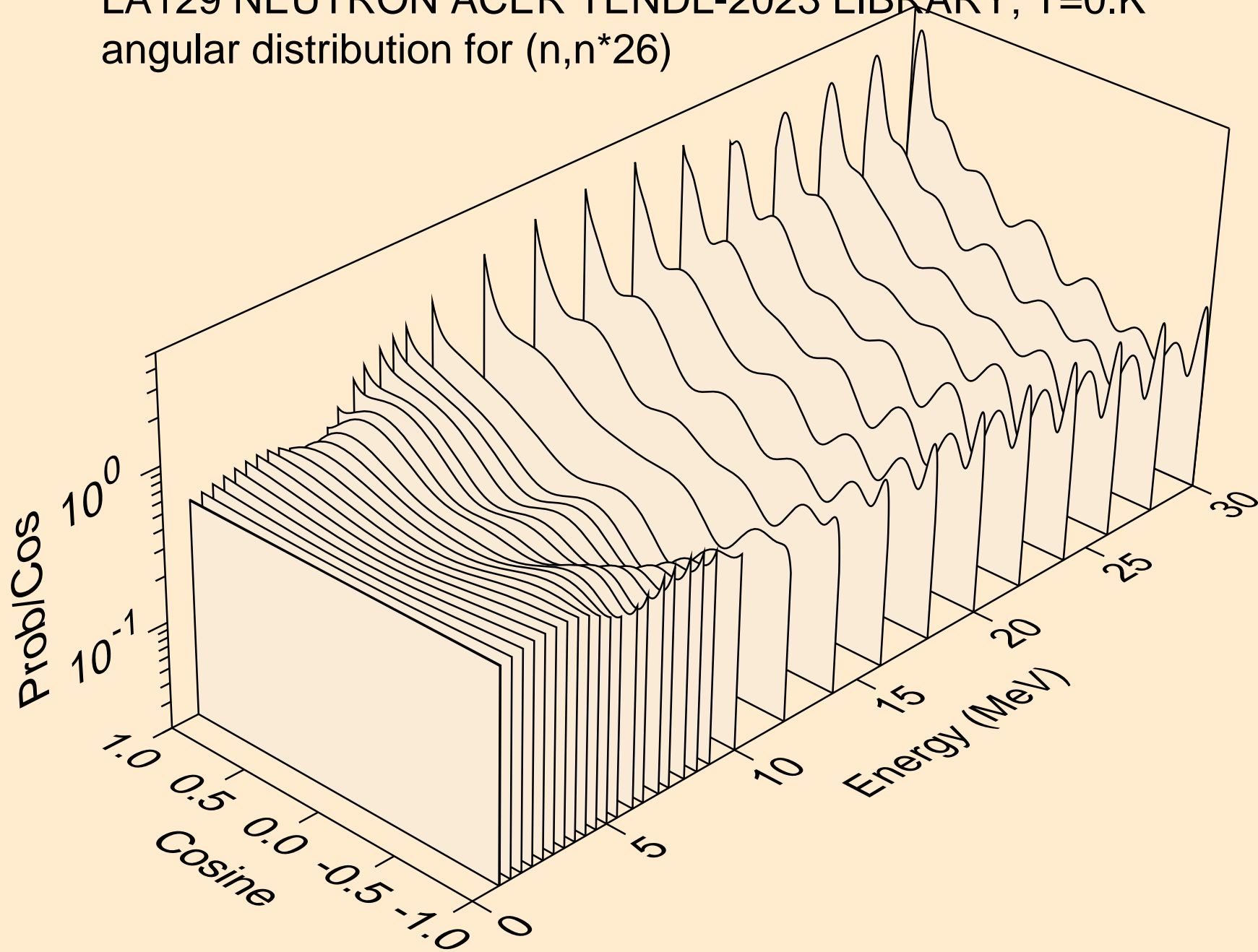
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

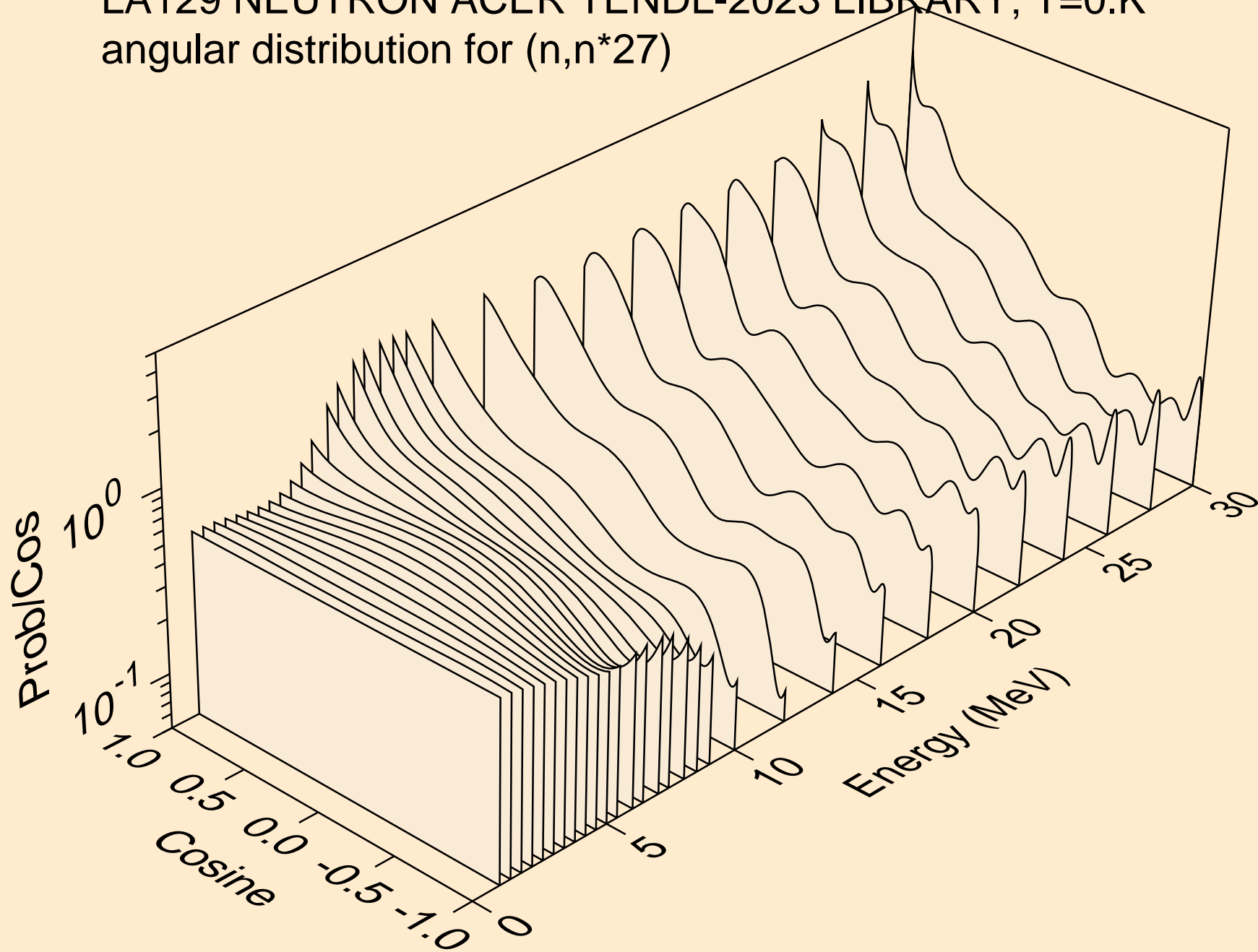


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

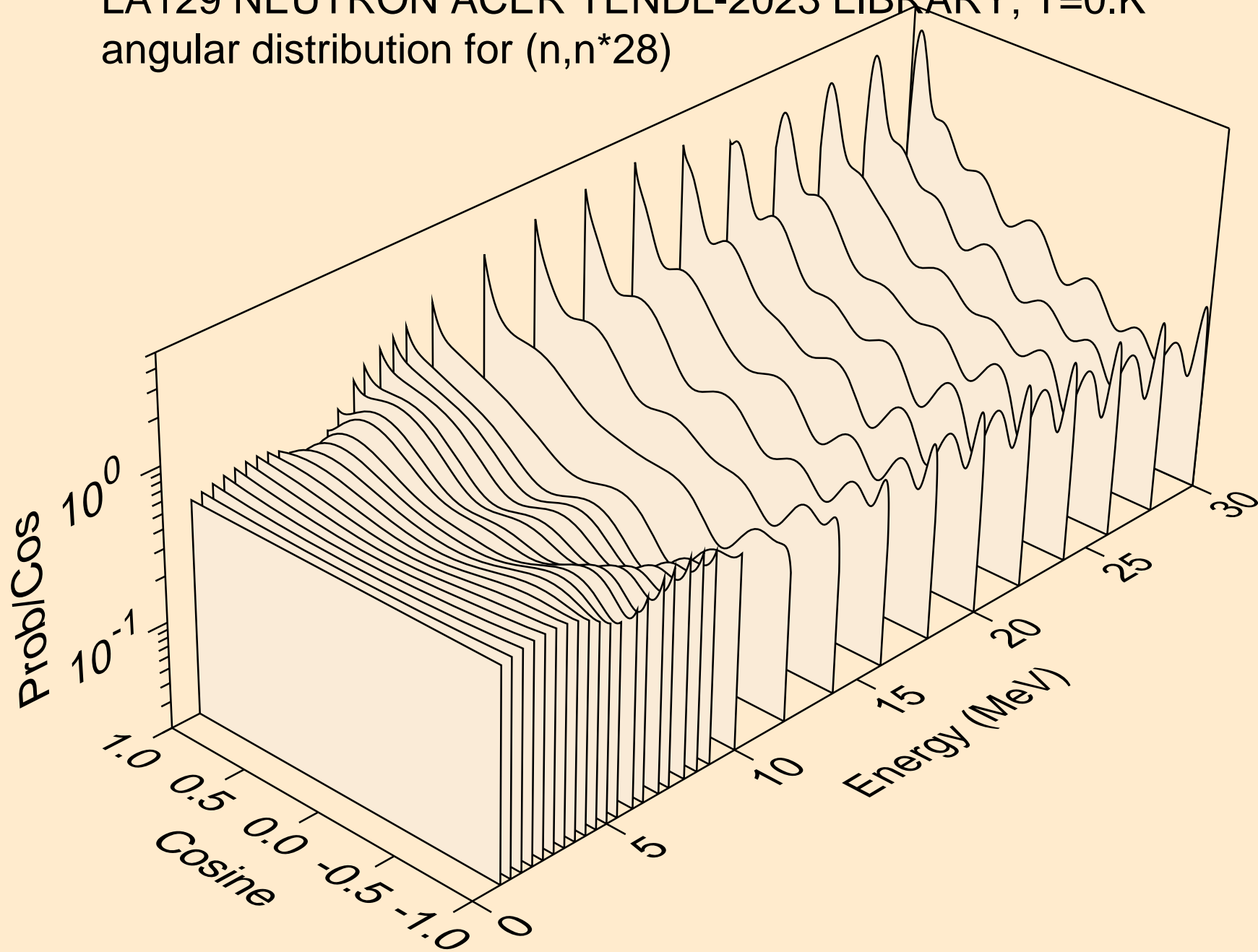




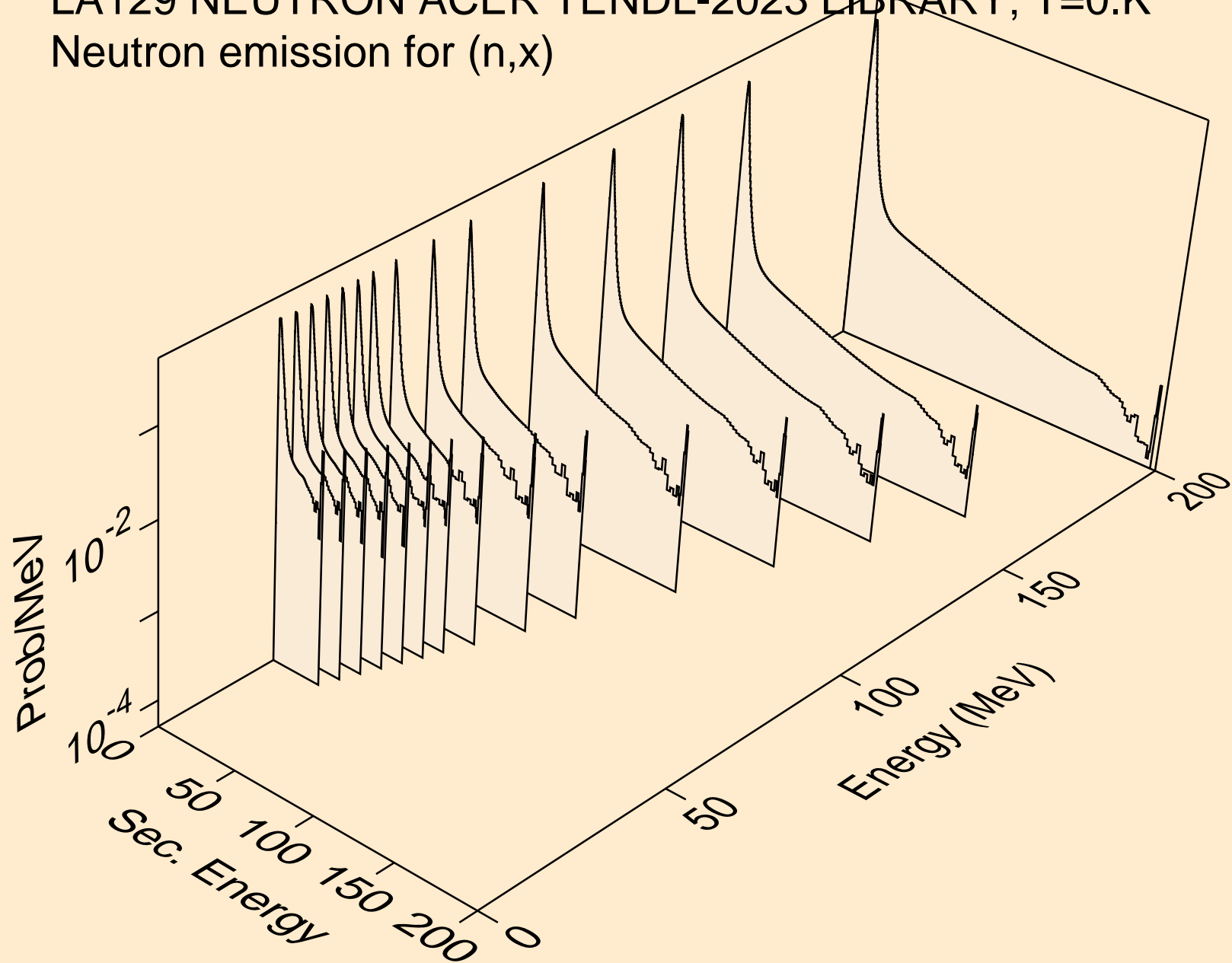
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



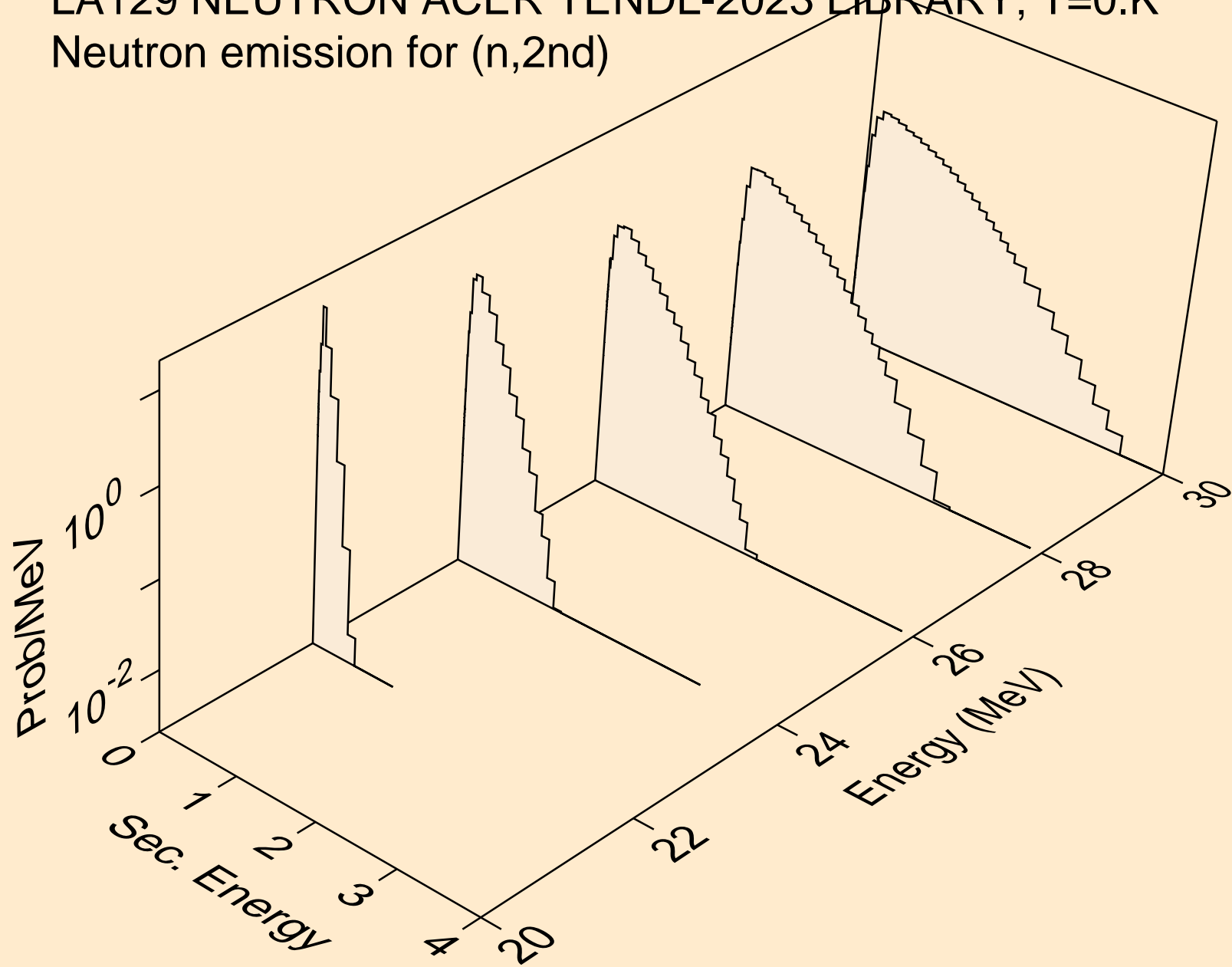
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



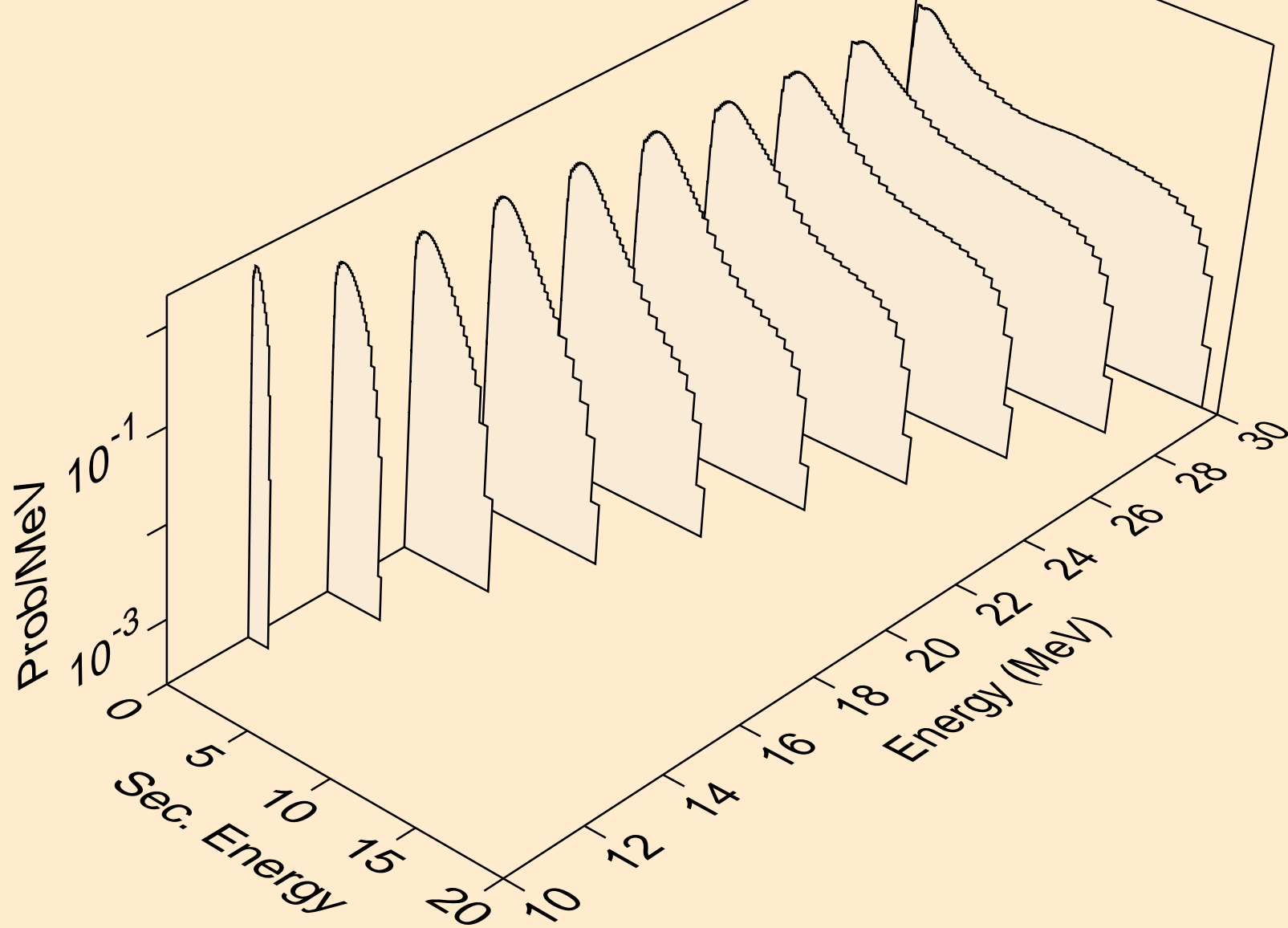
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



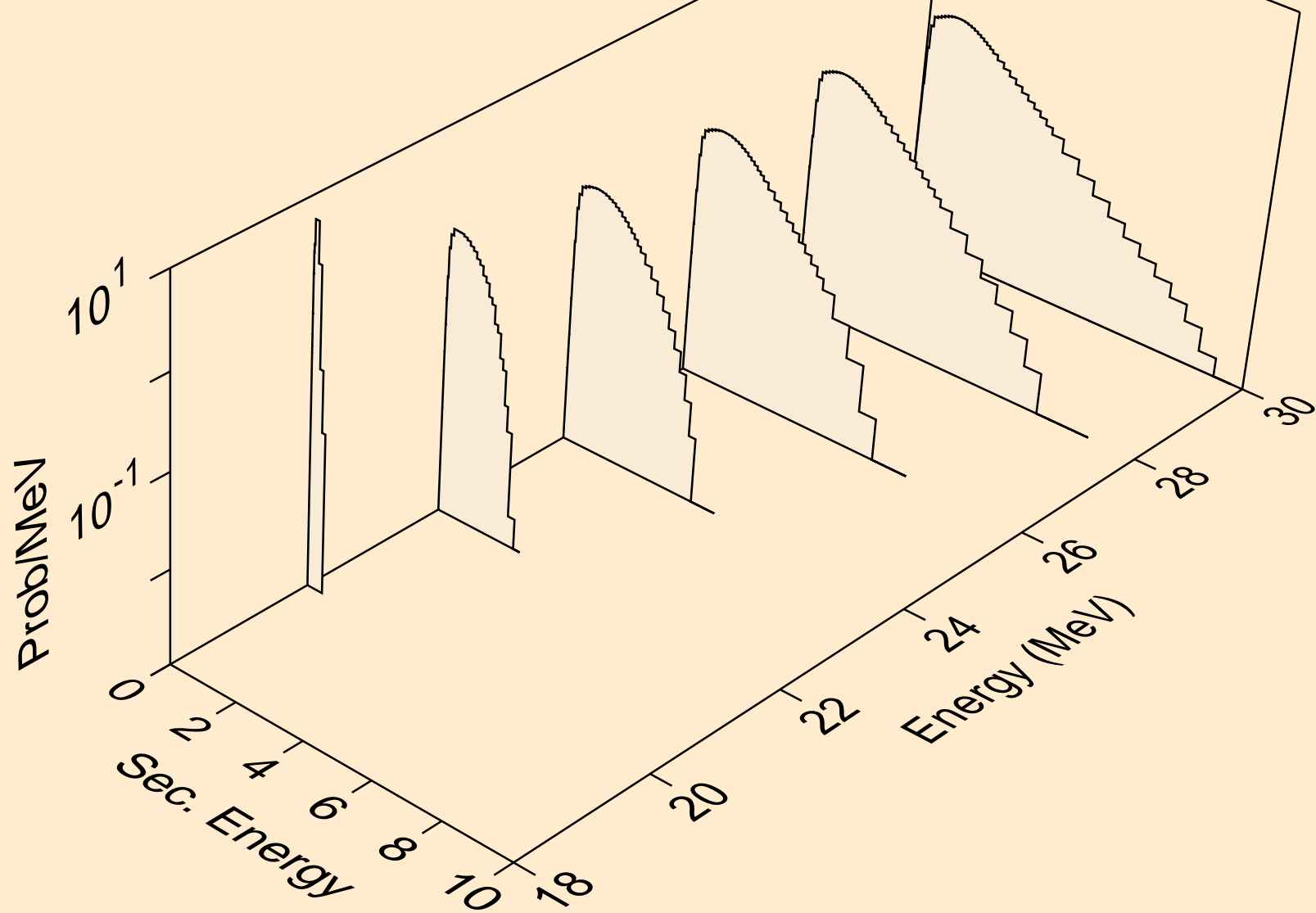
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



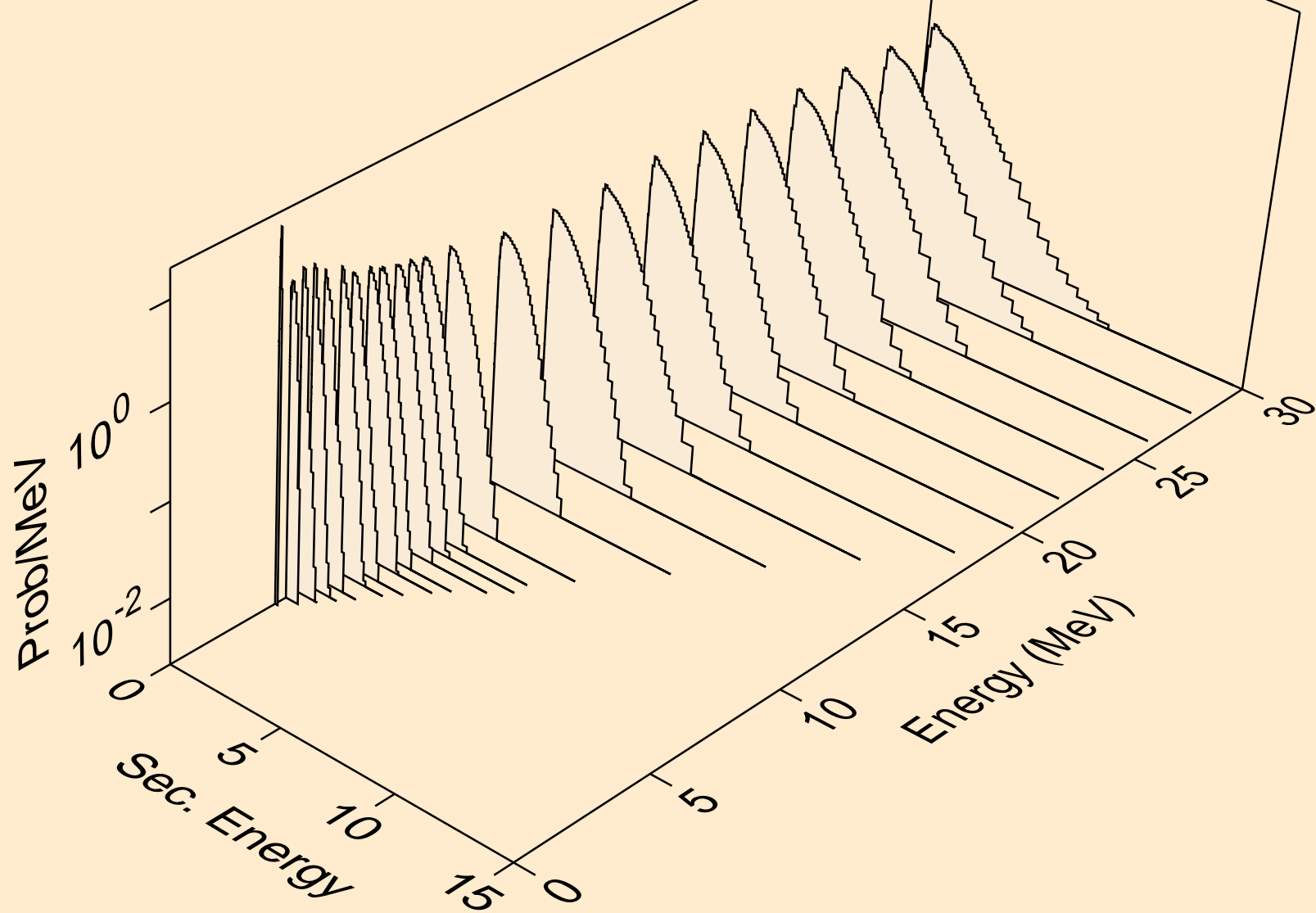
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



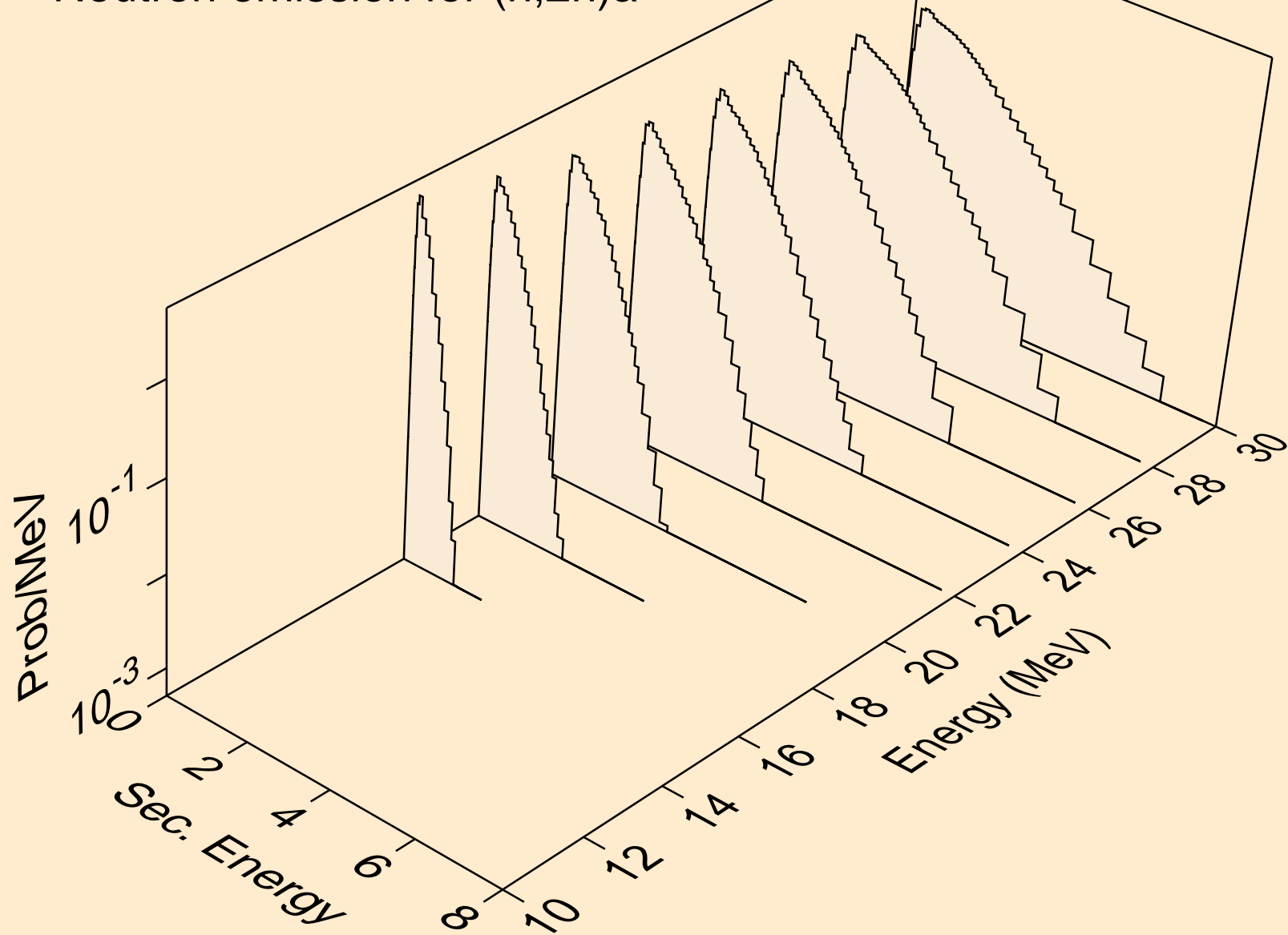
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

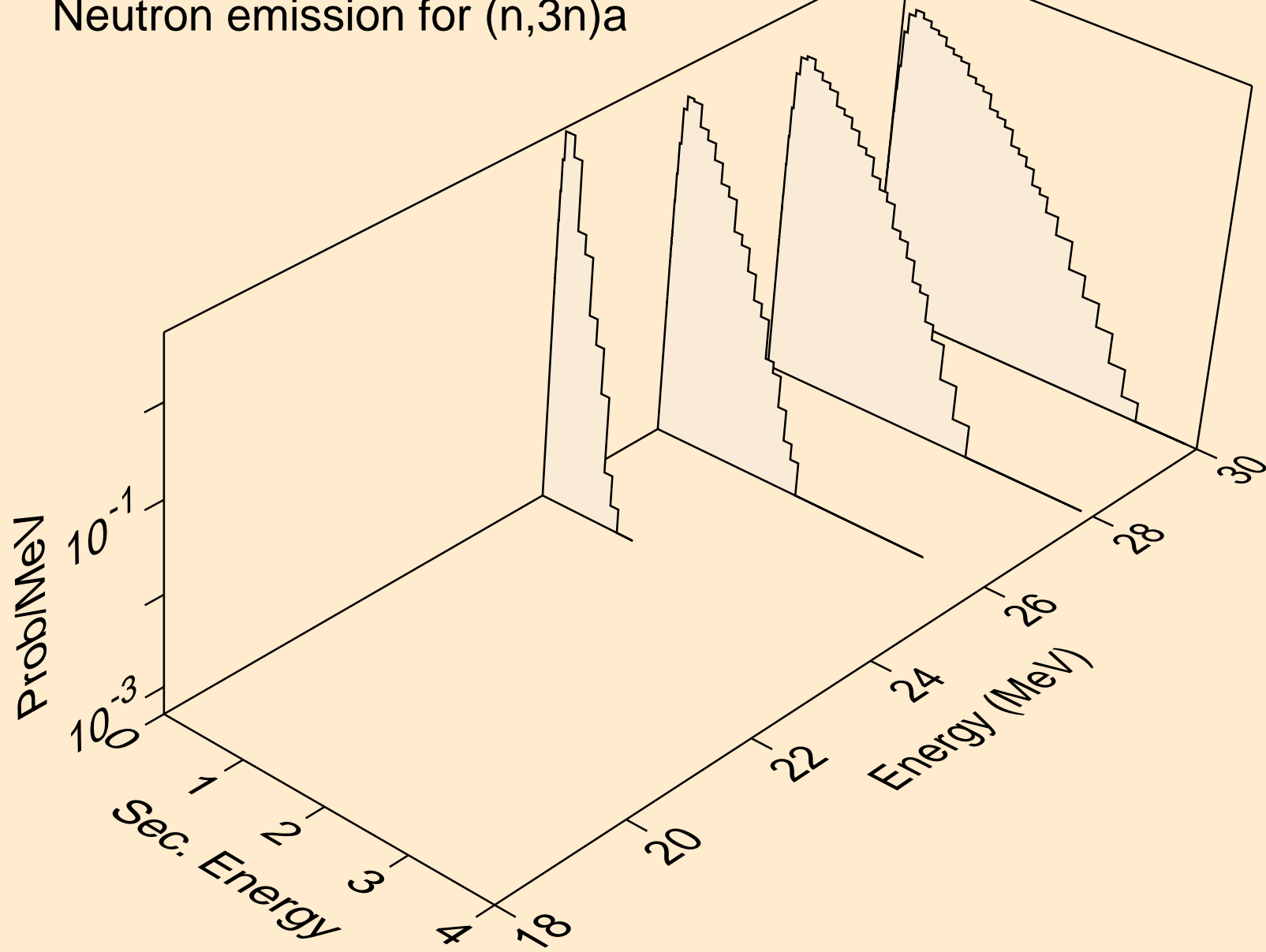


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

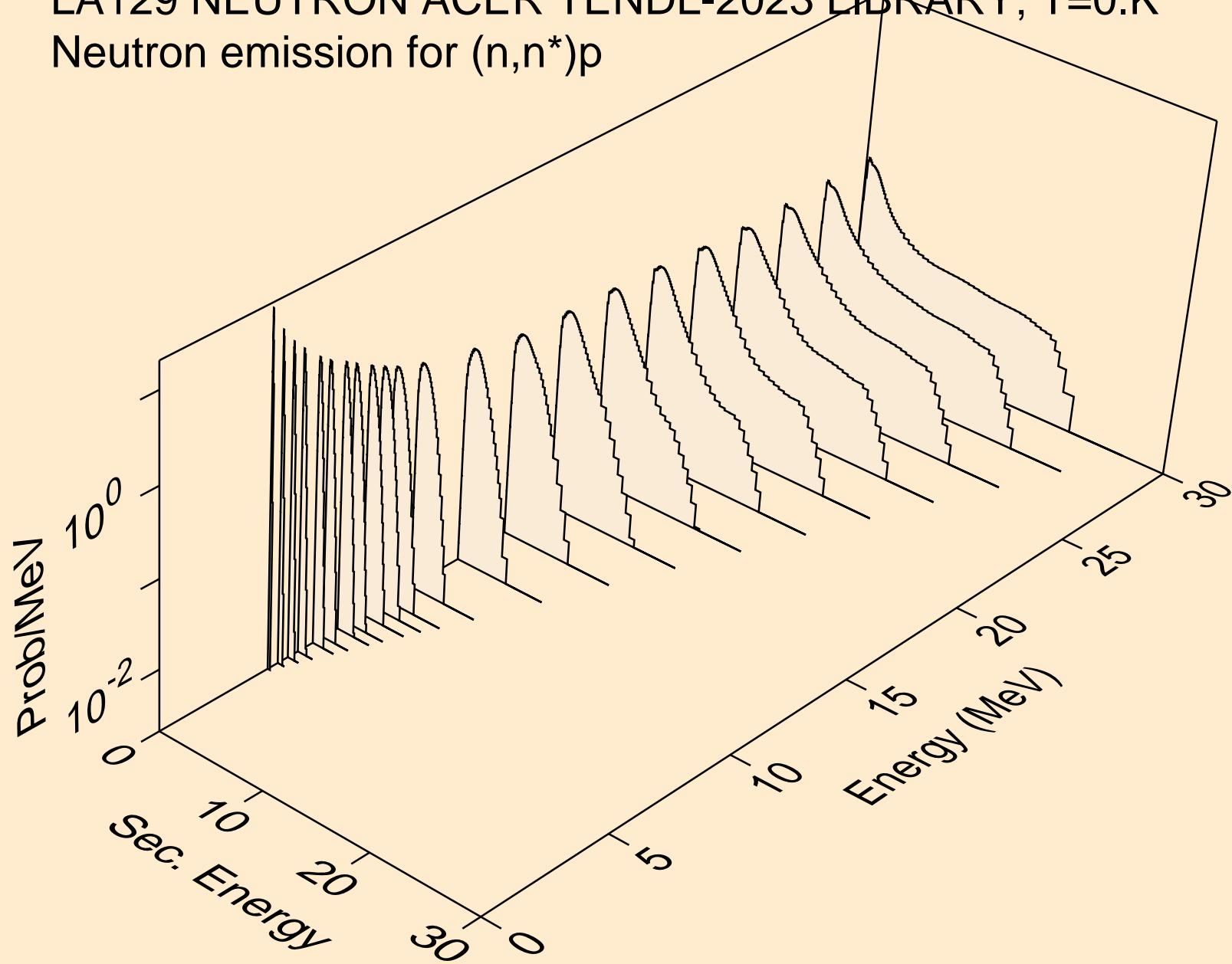




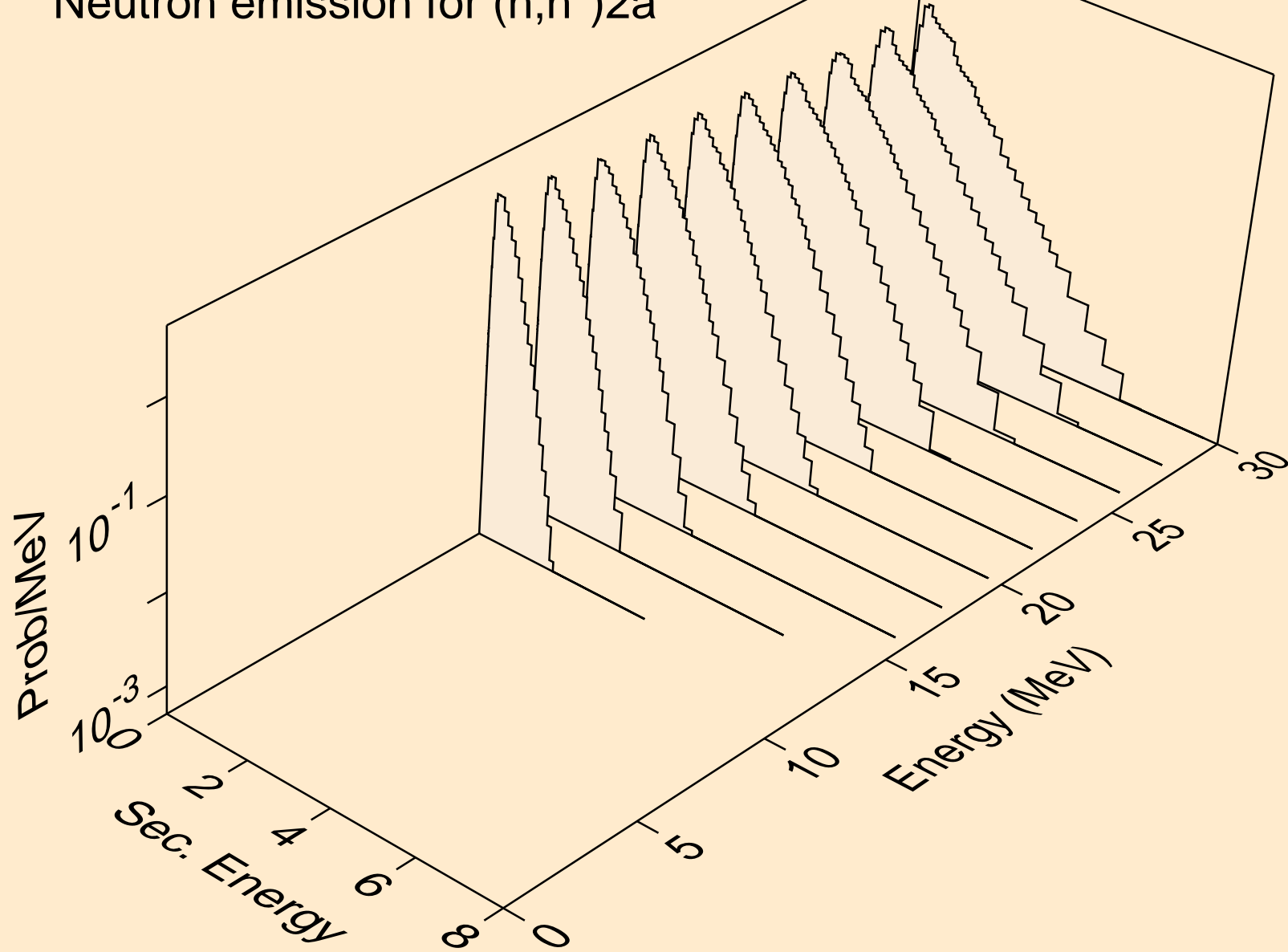
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



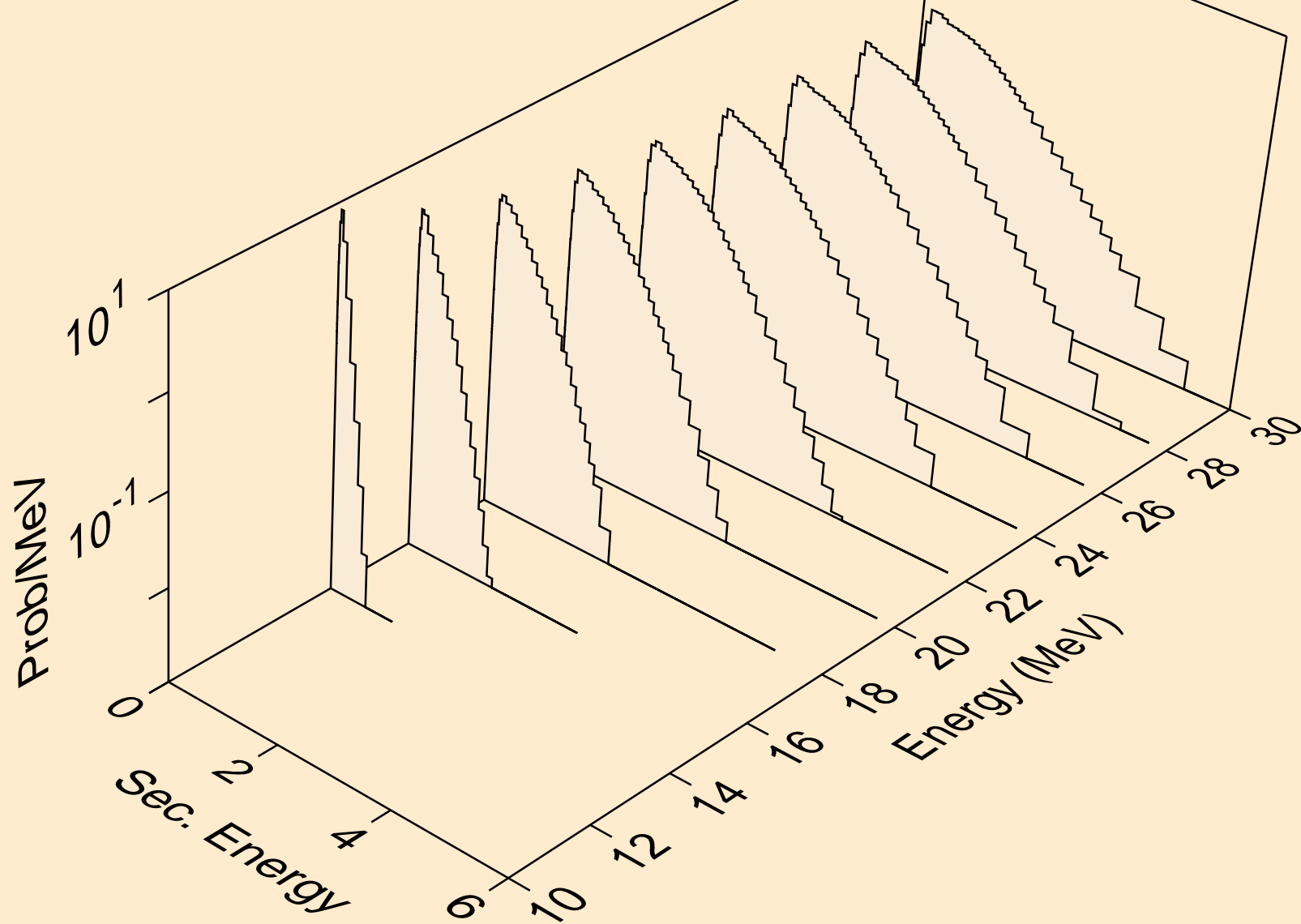
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



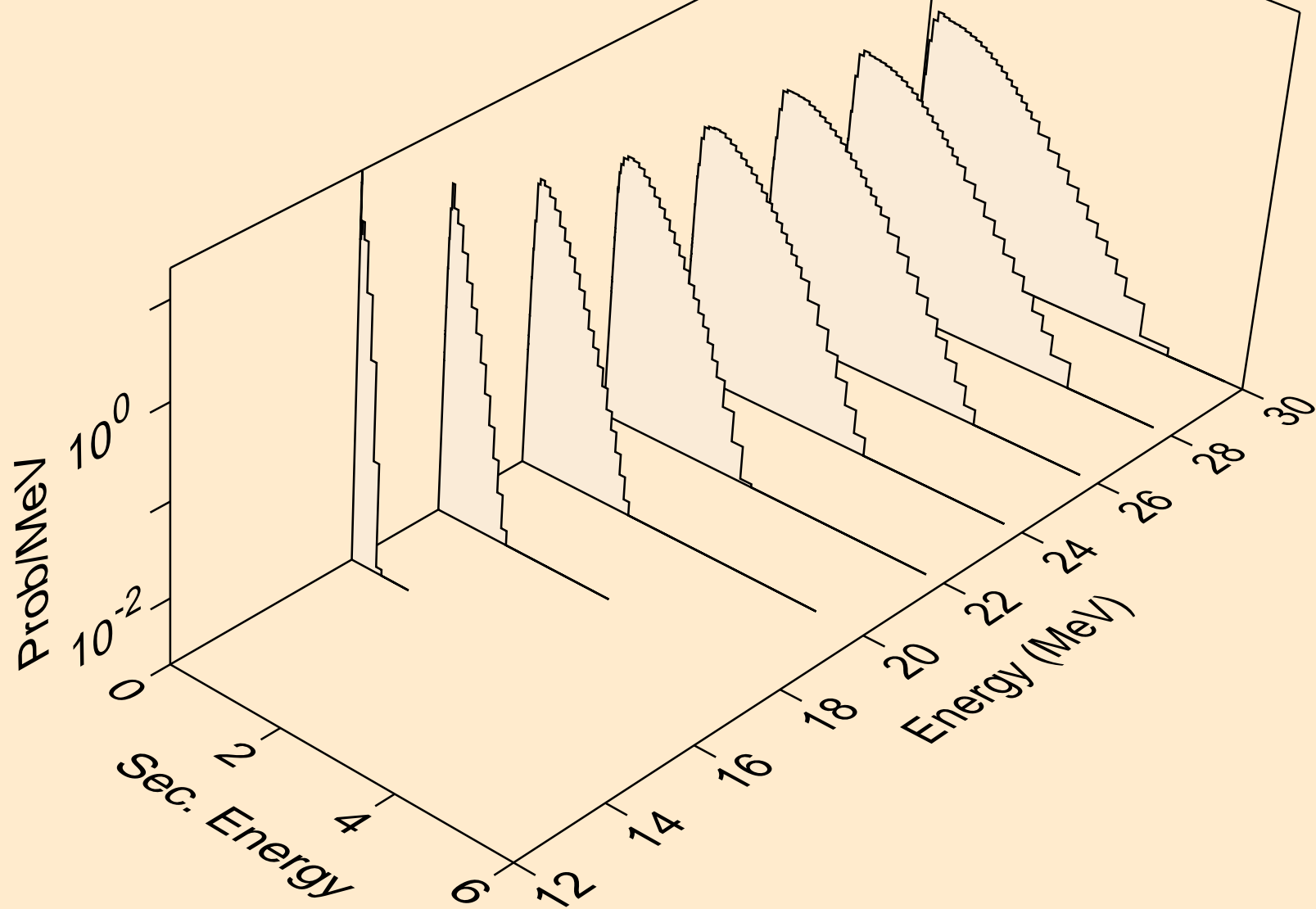
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



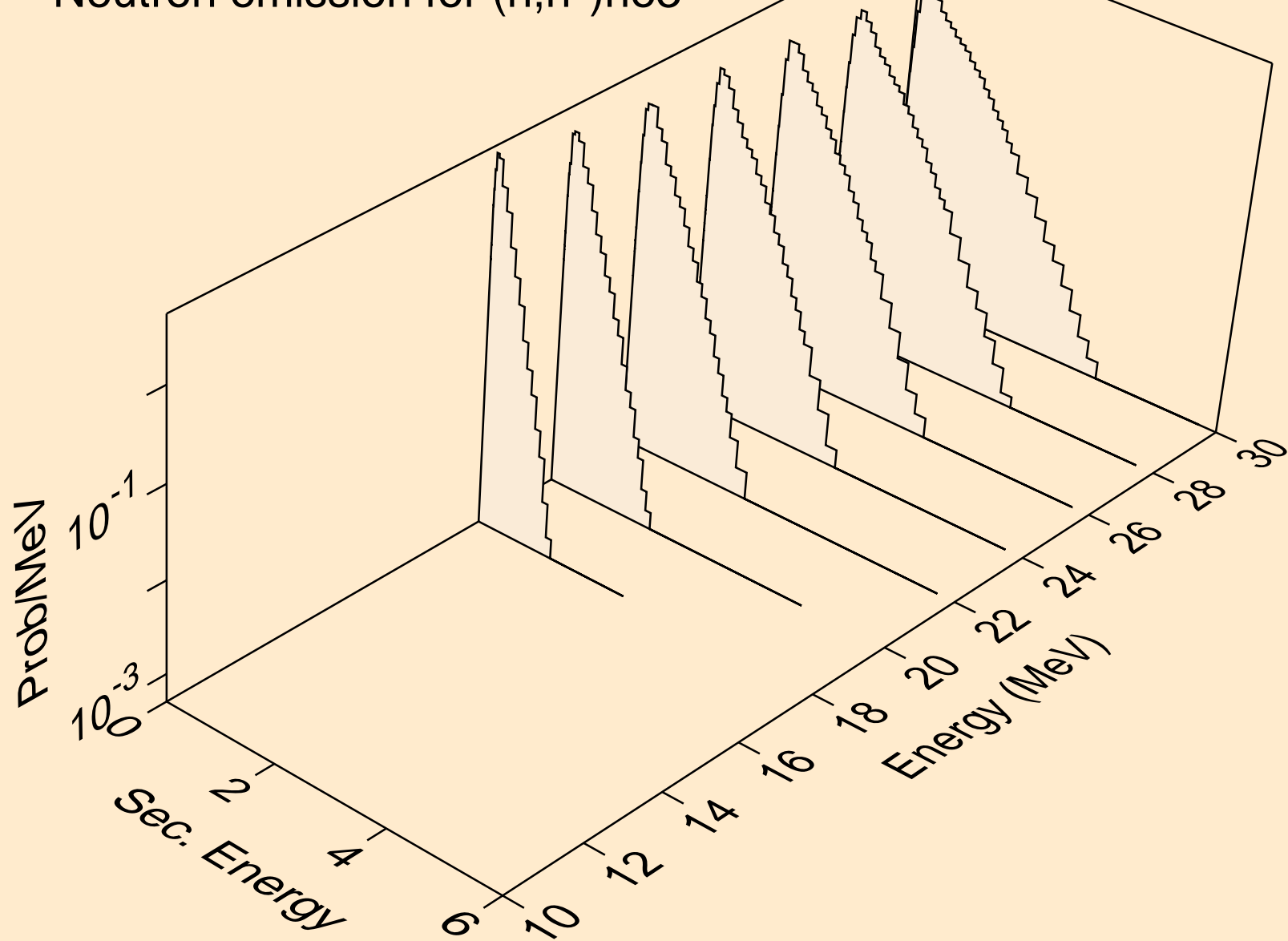
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



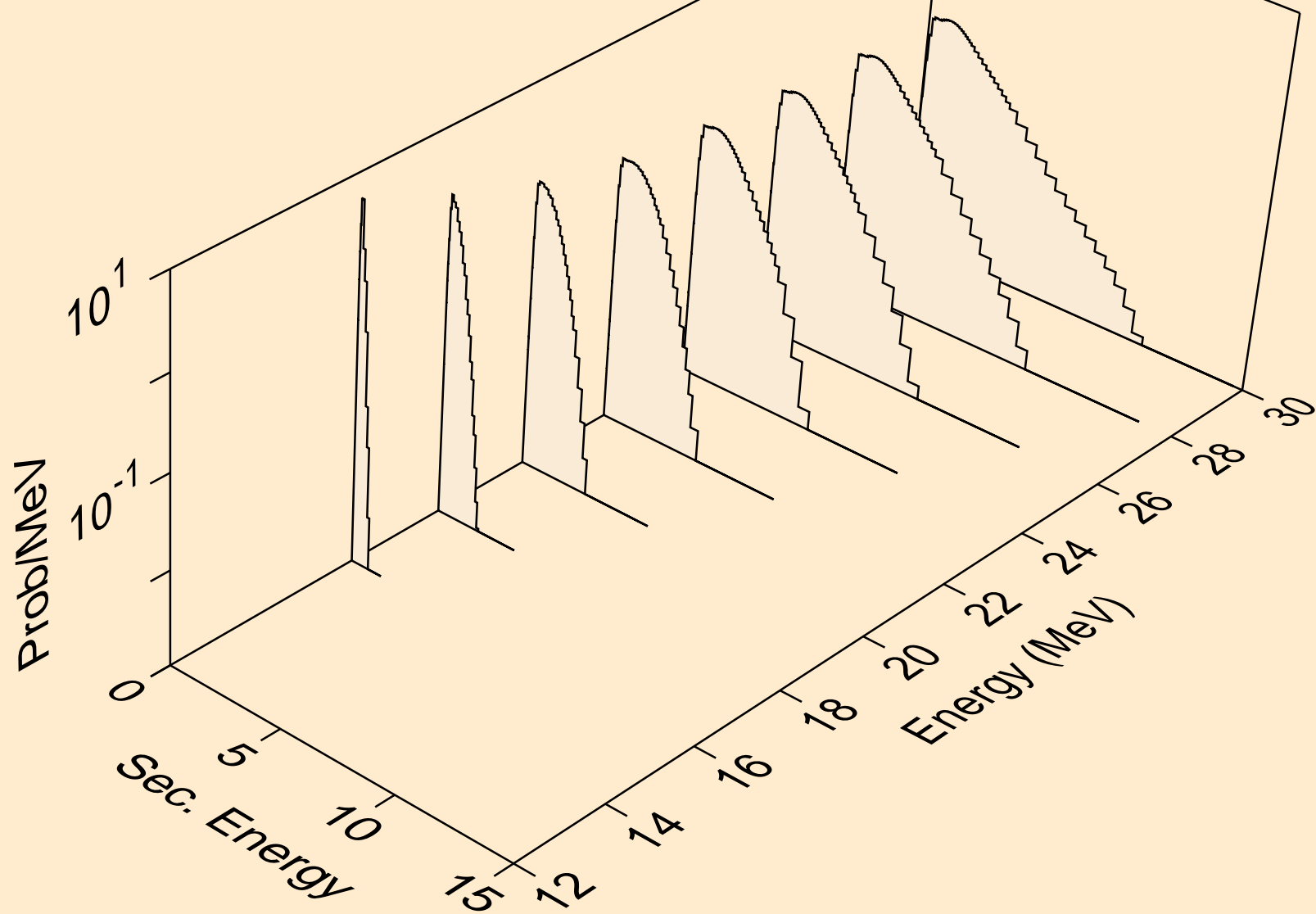
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



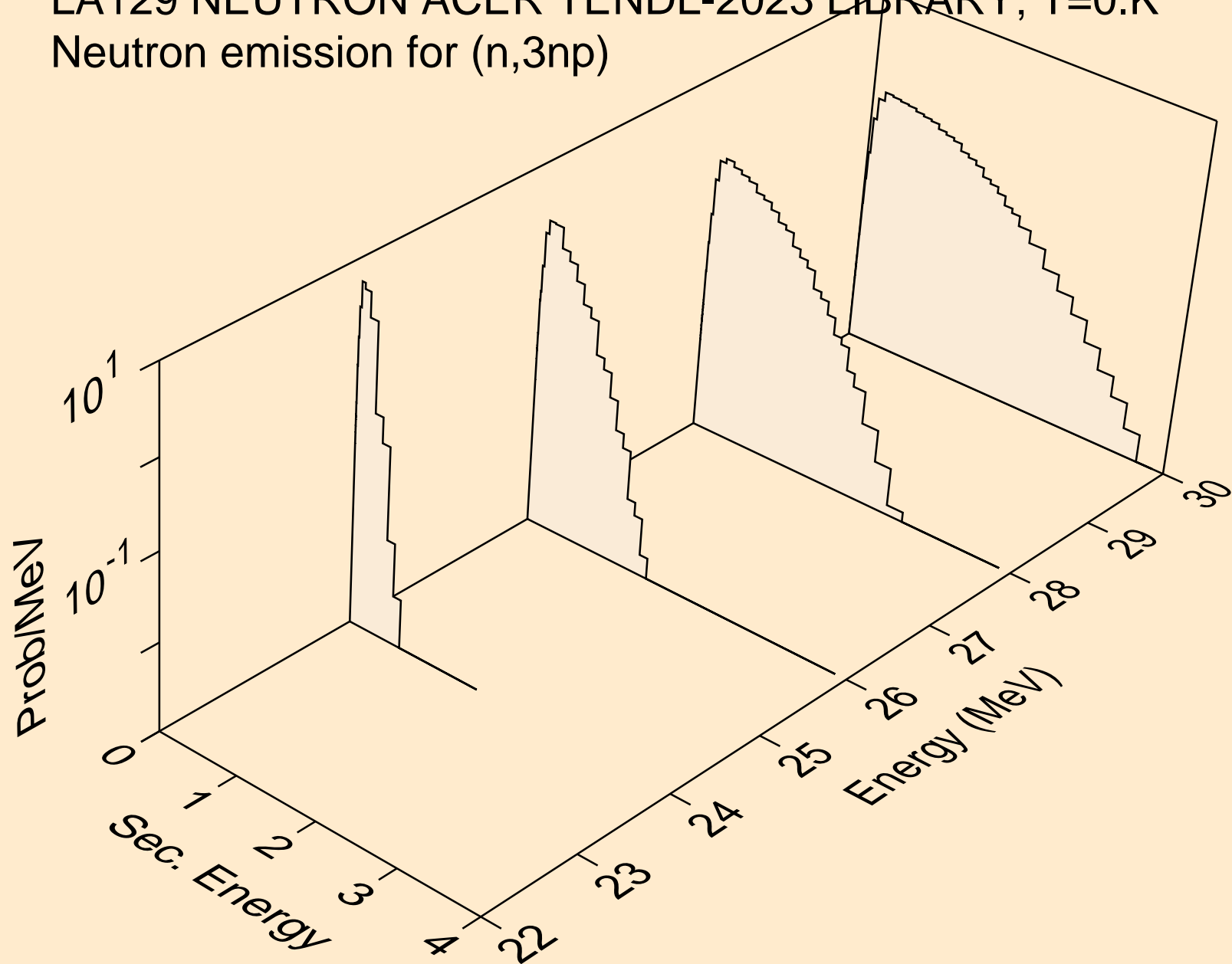
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

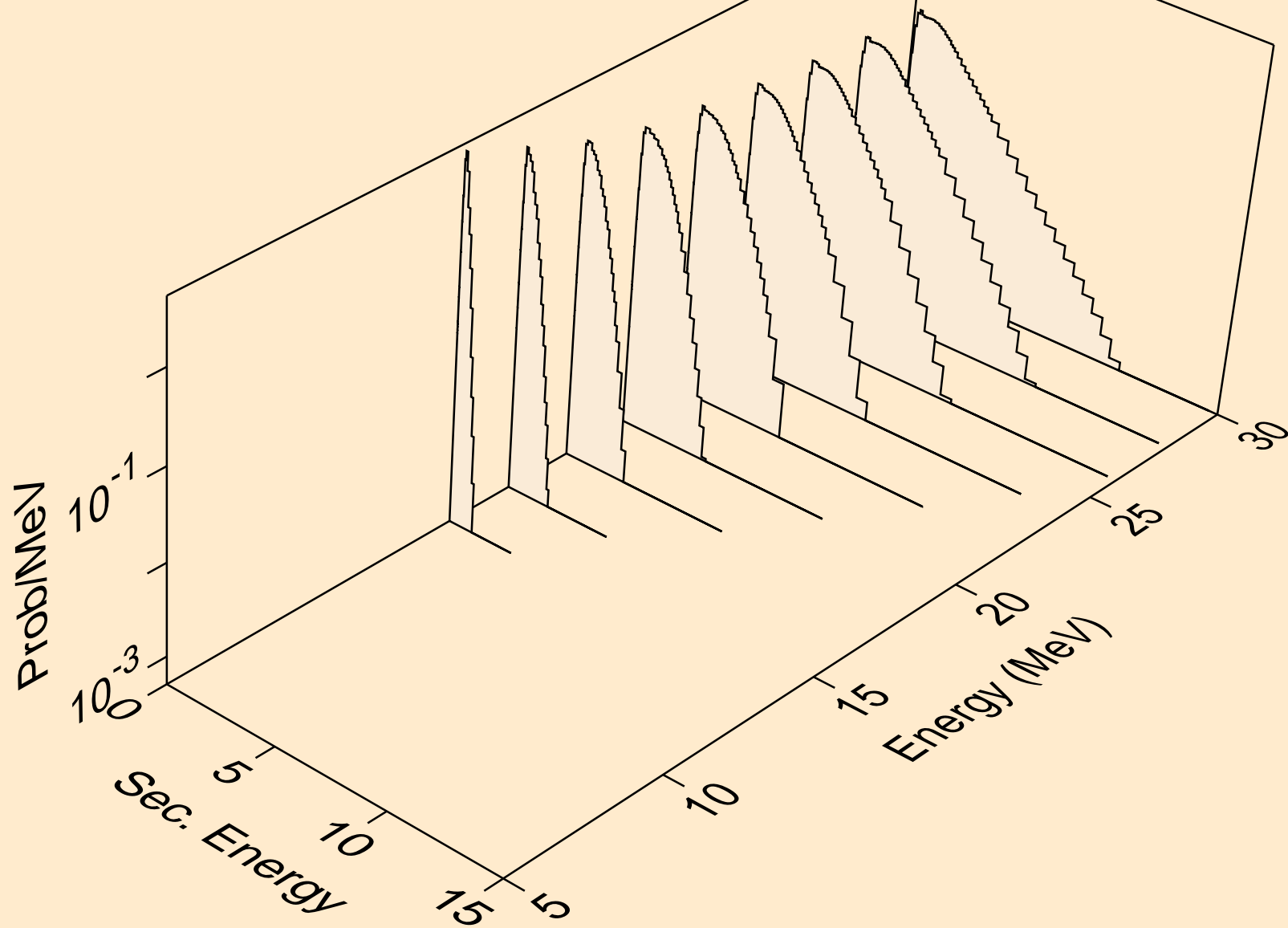


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

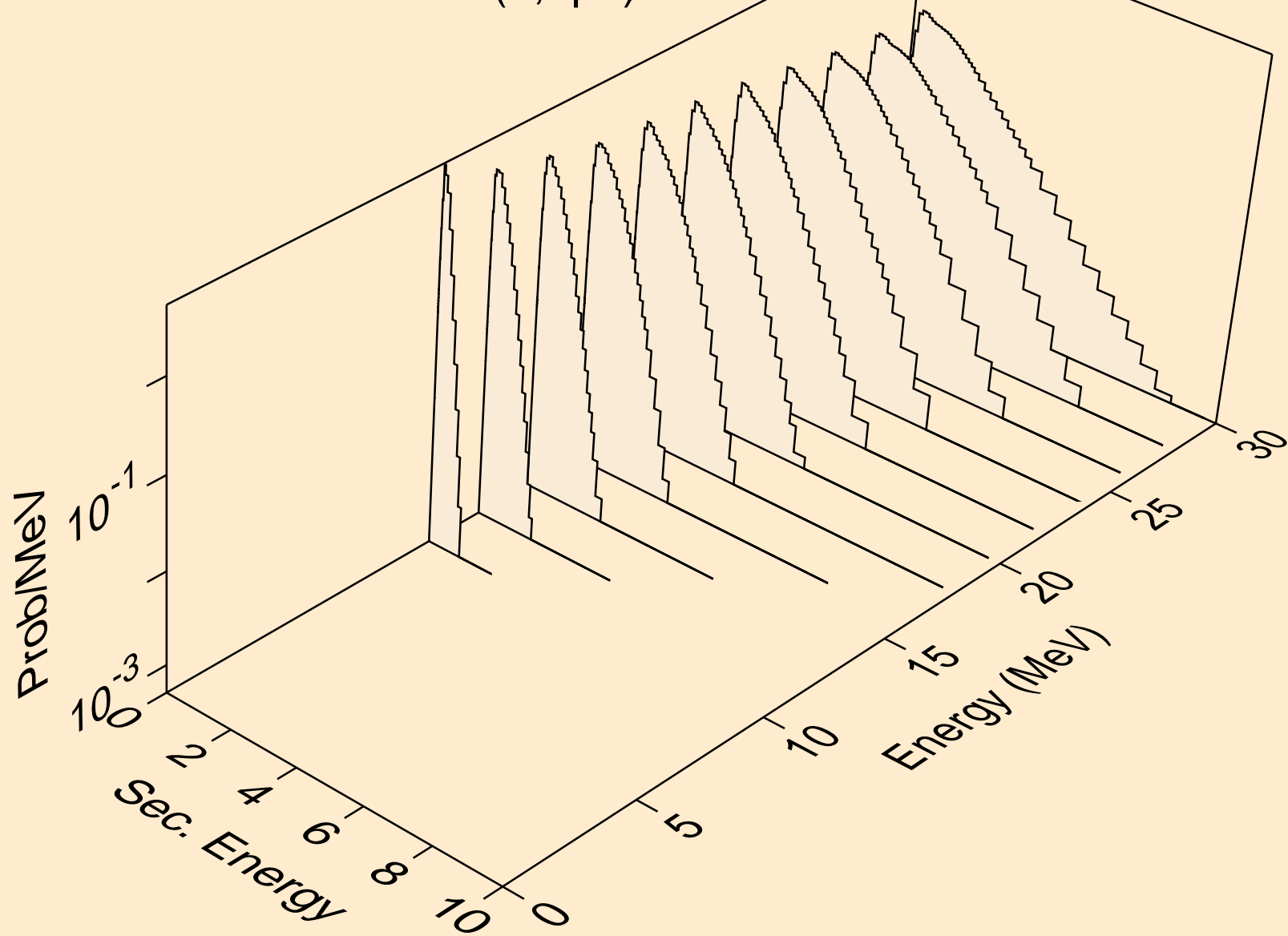




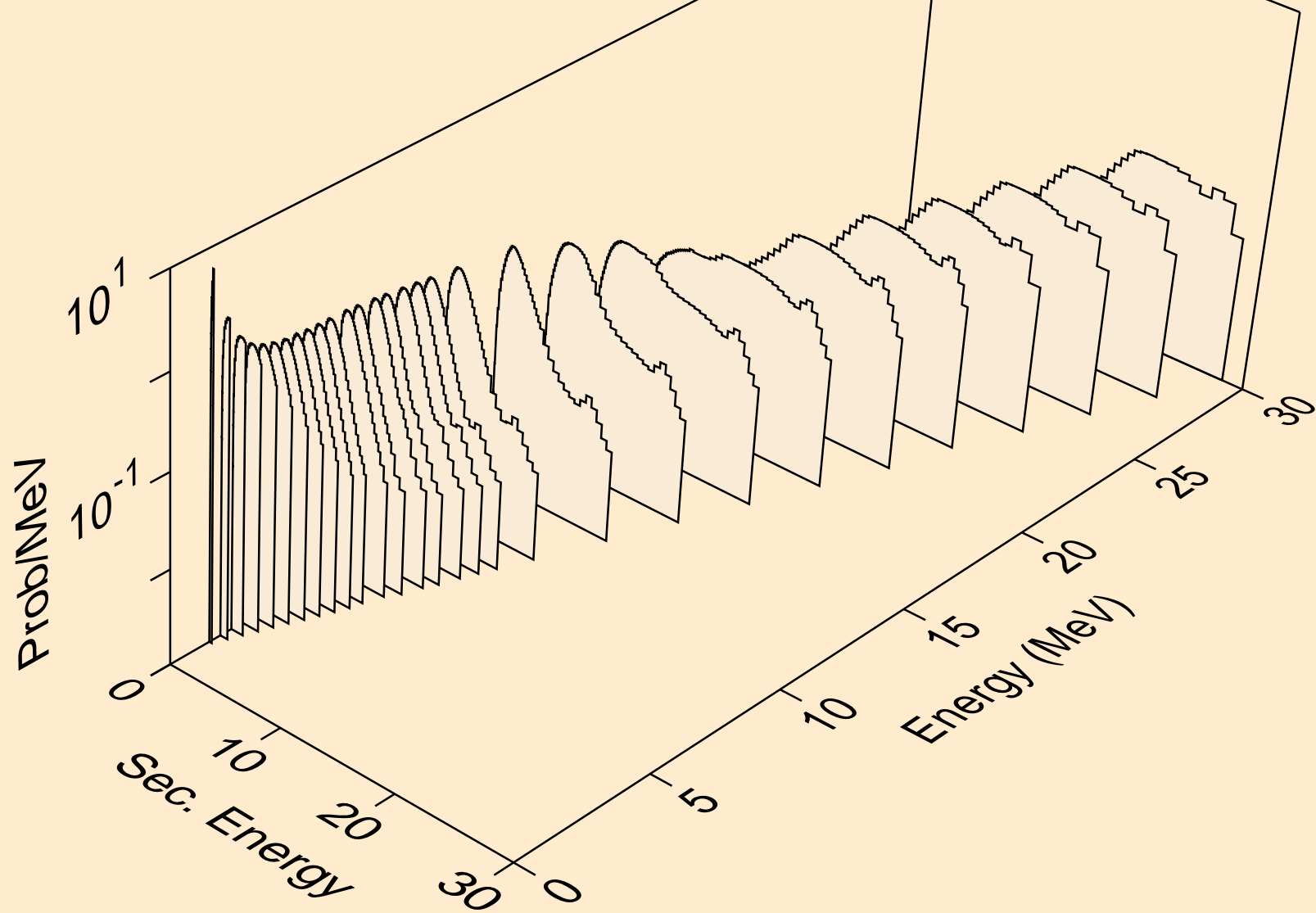
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



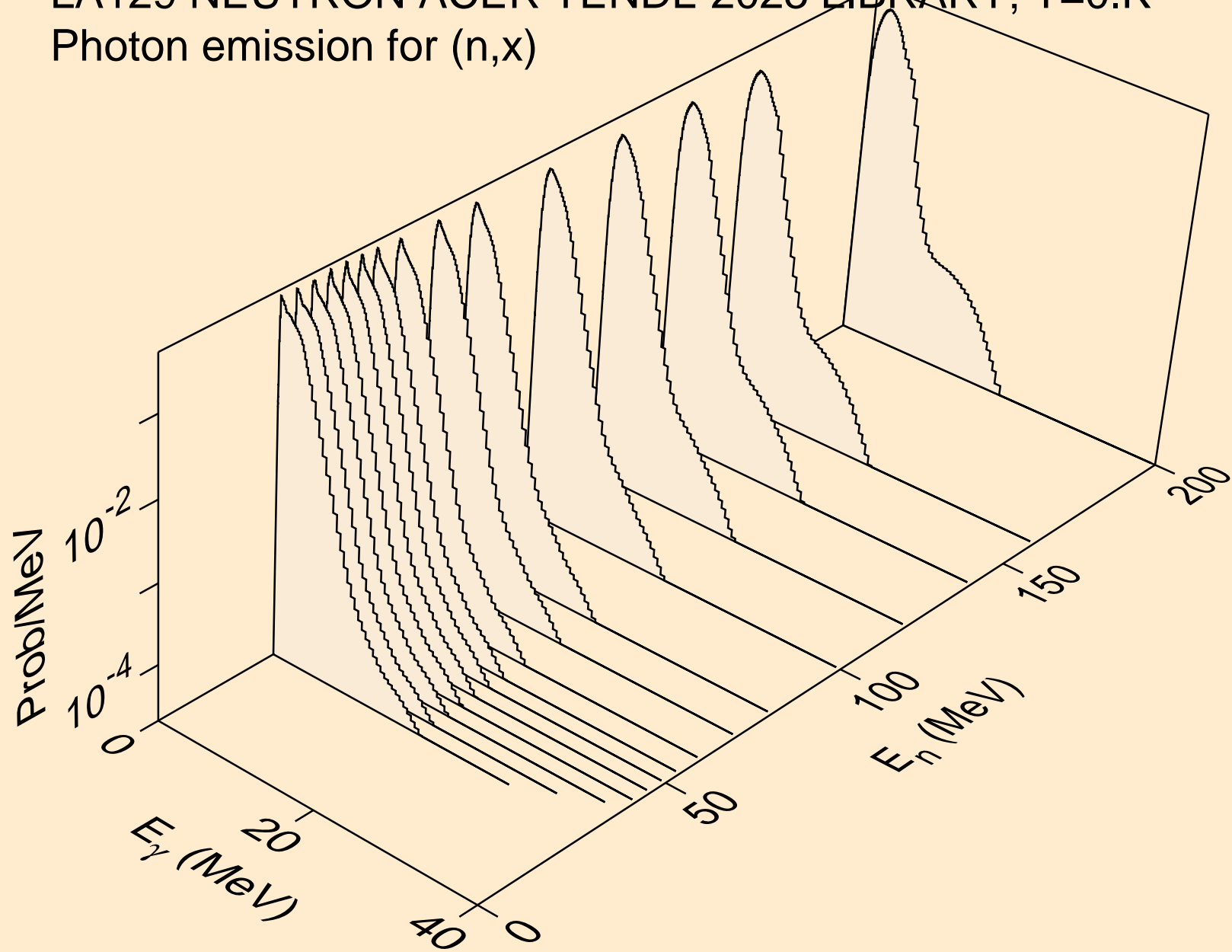
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



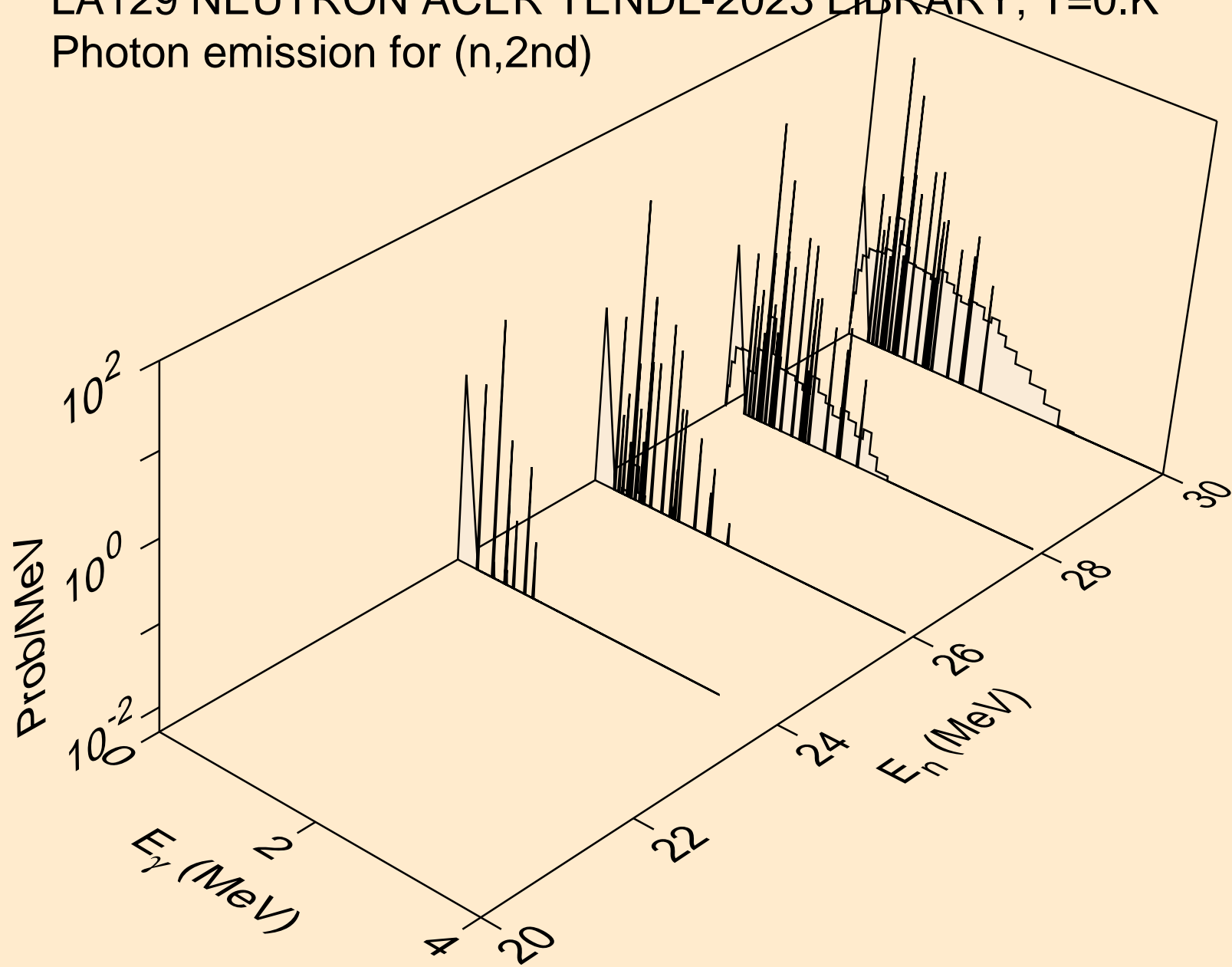
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



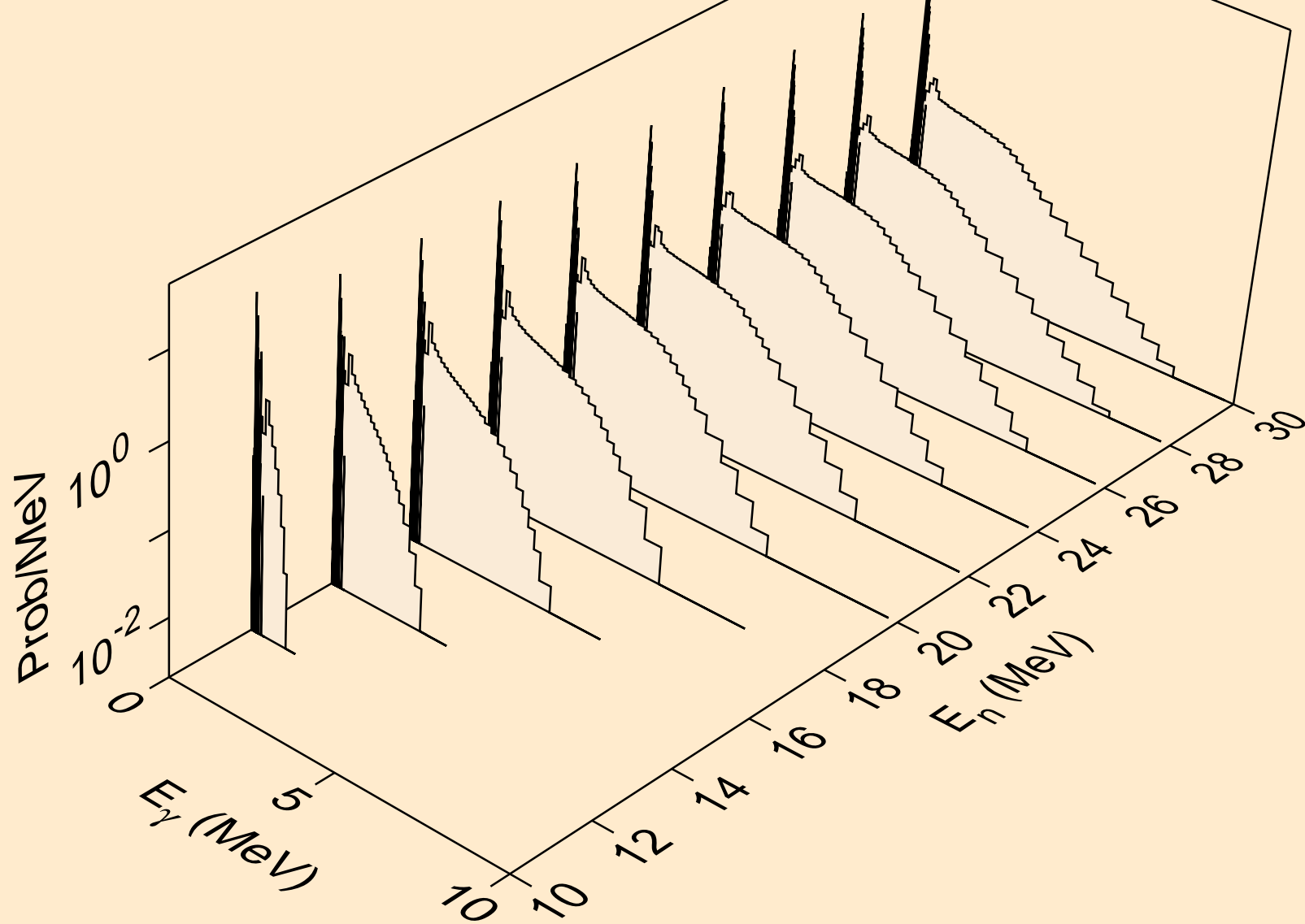
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



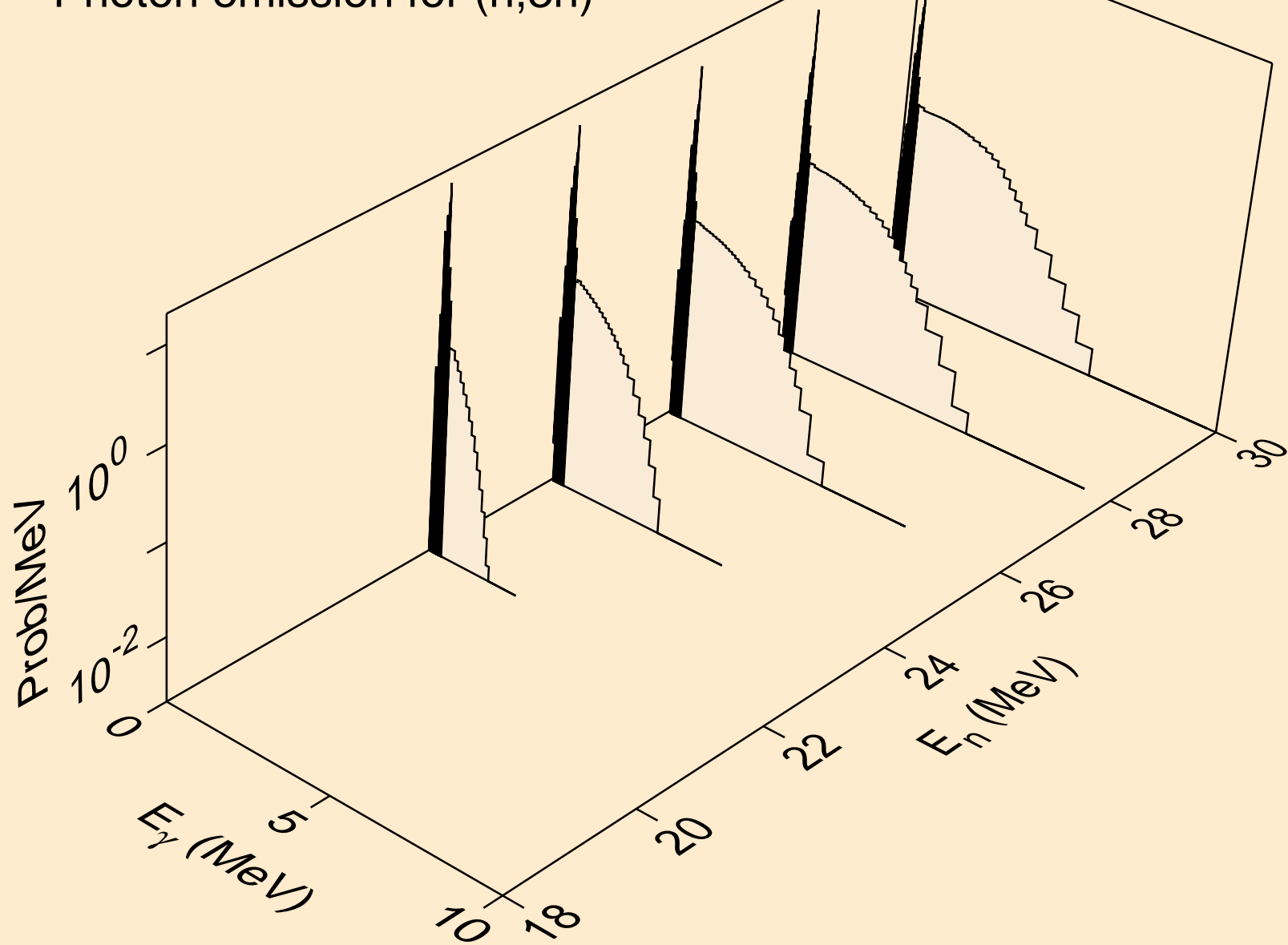
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Photon emission for (n,2nd)



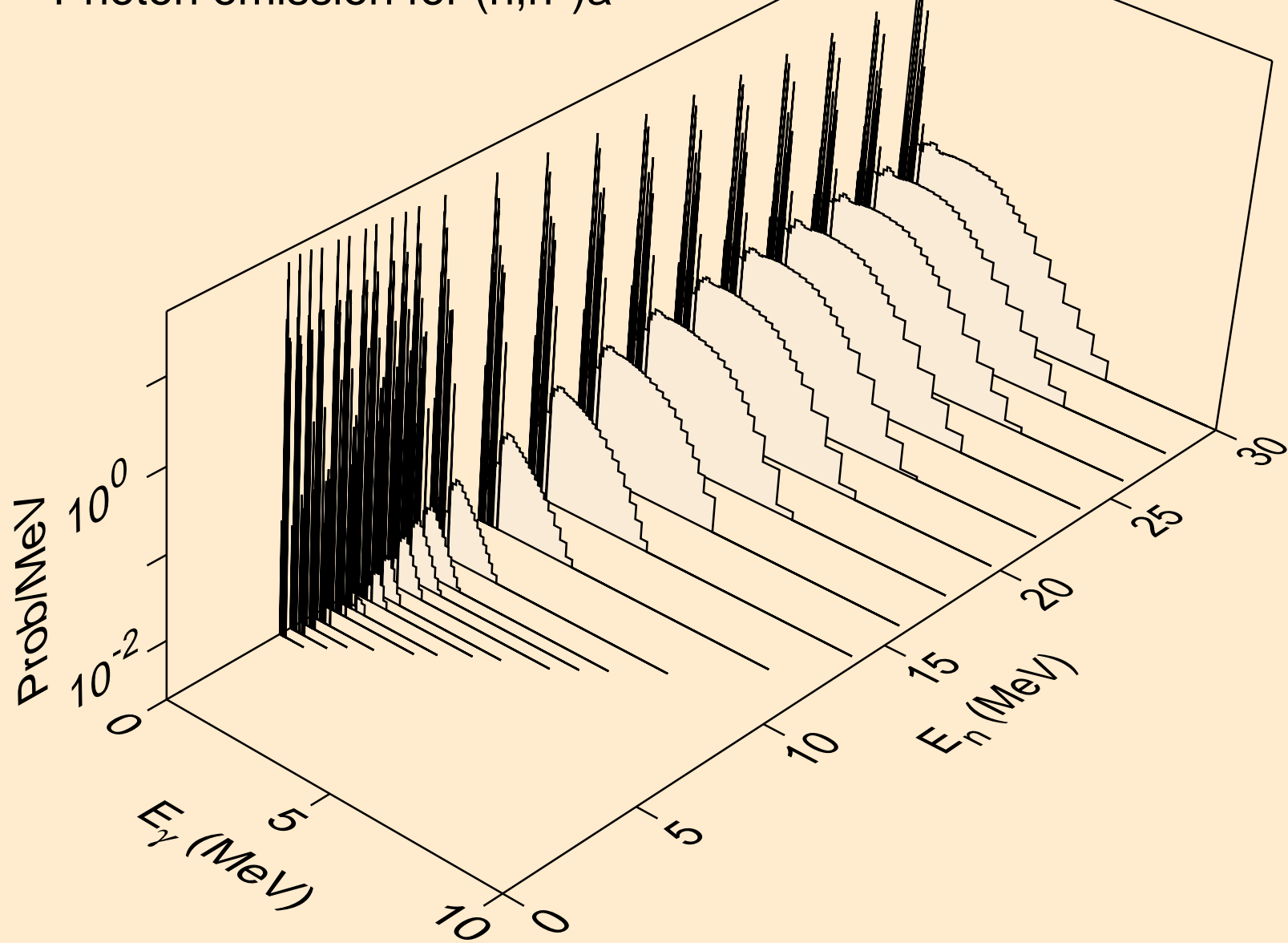
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

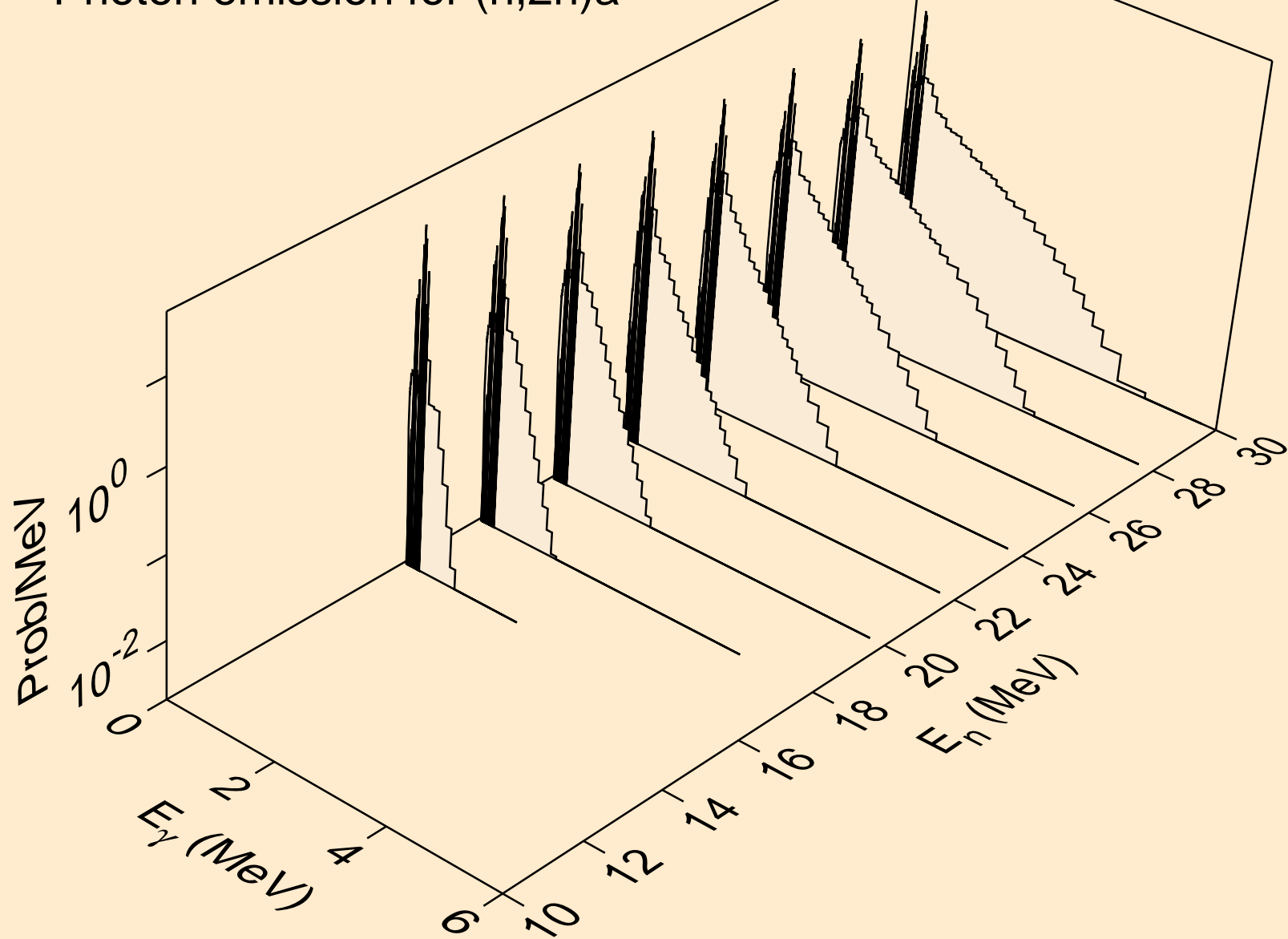


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

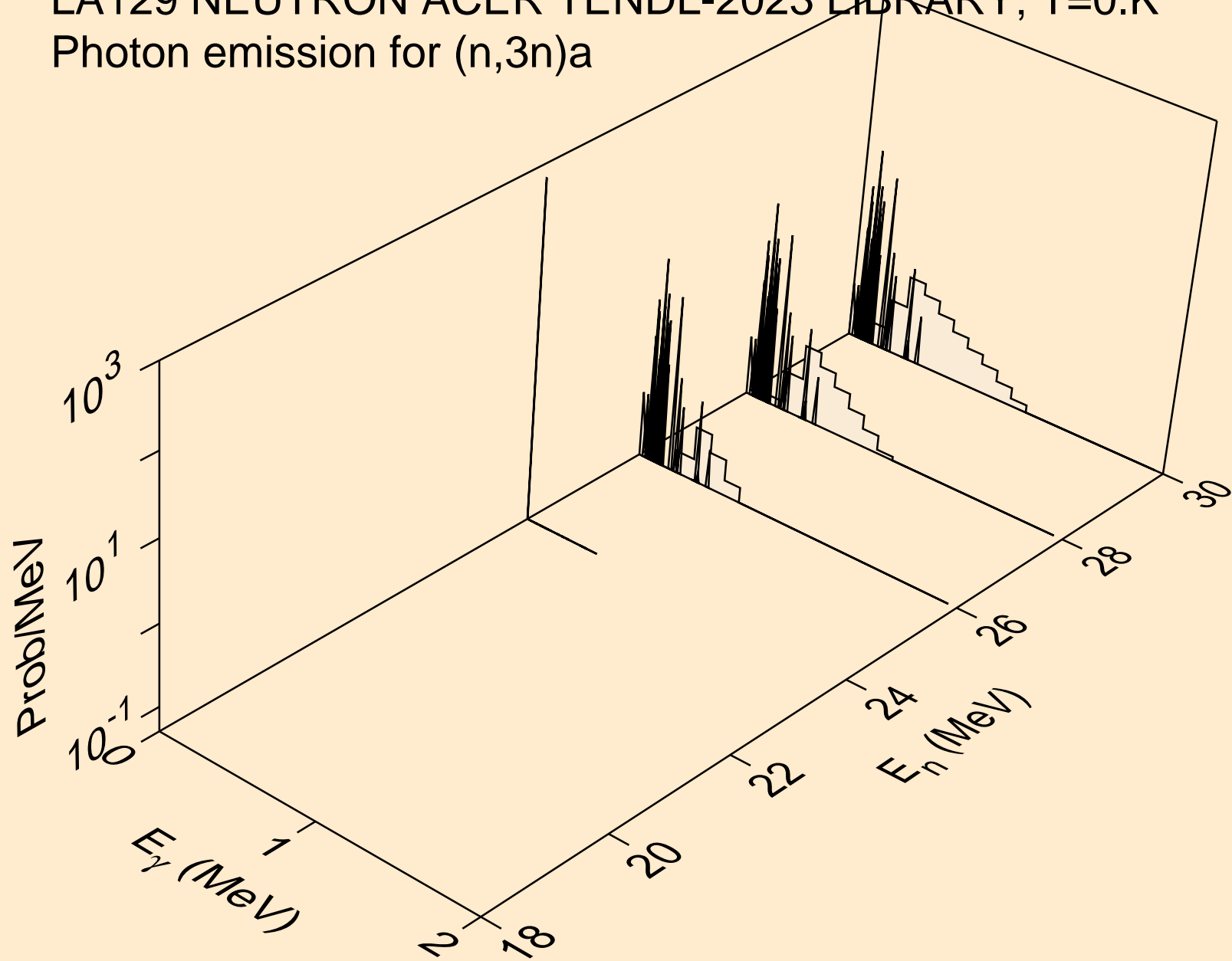




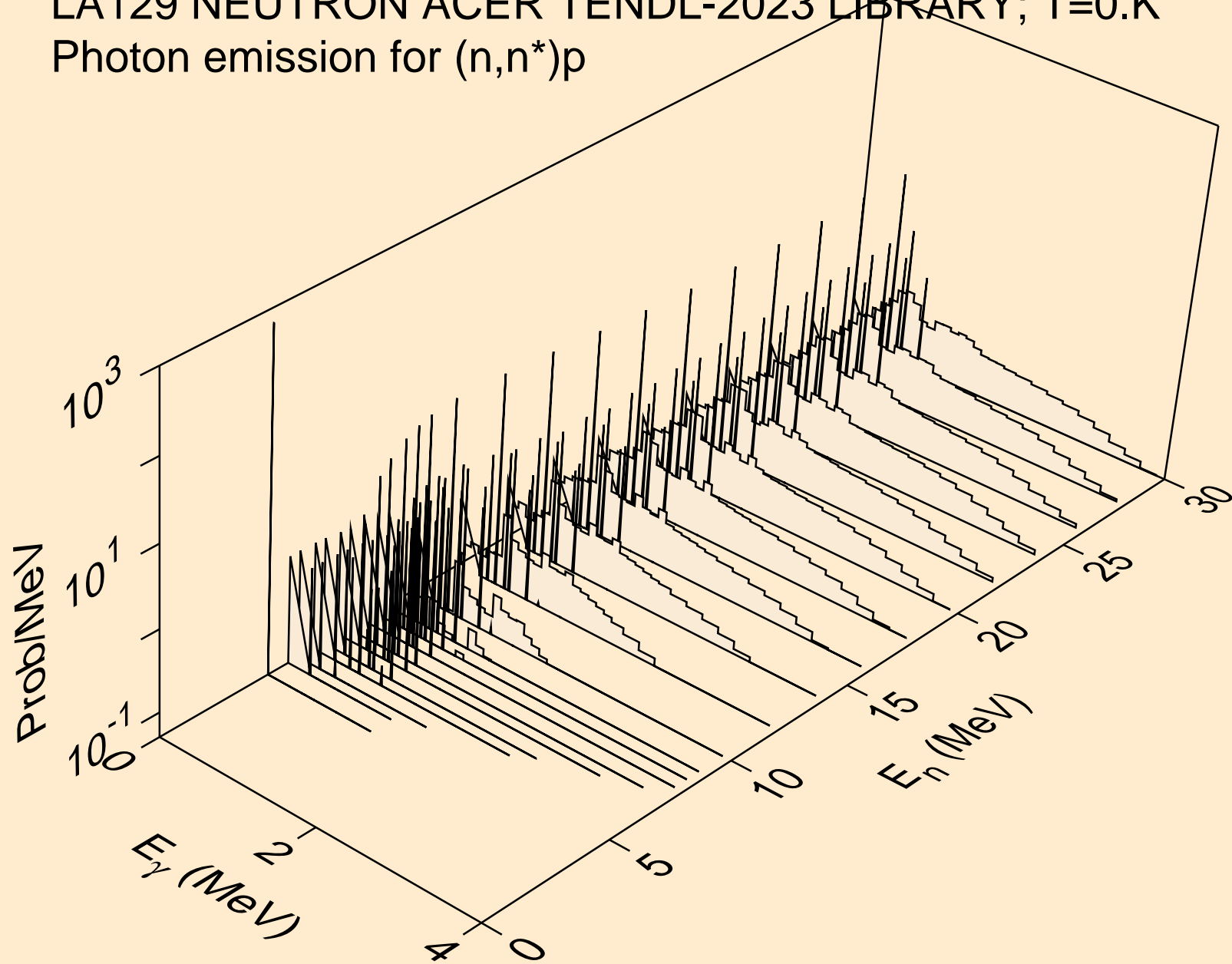
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Photon emission for (n,2n)a



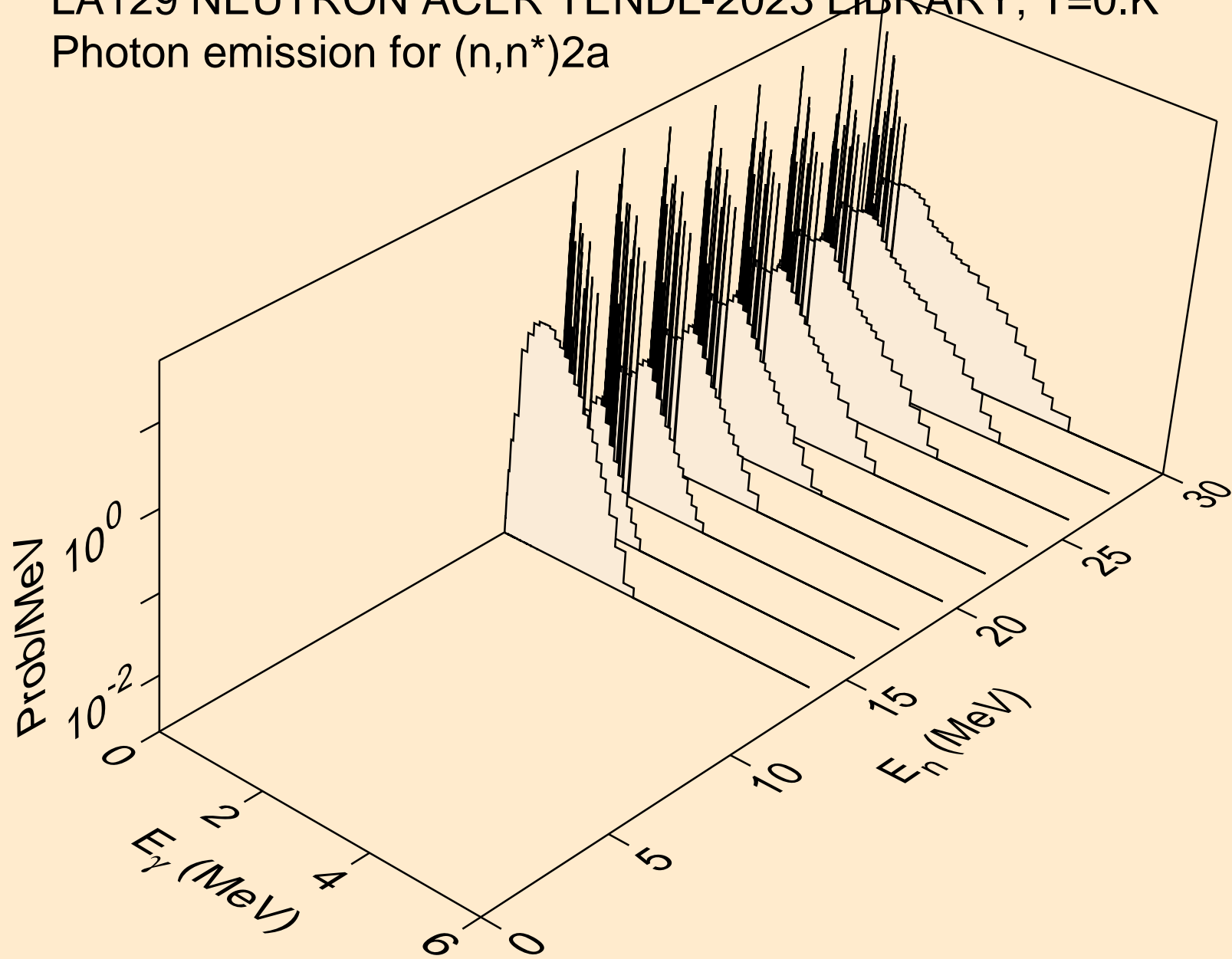
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

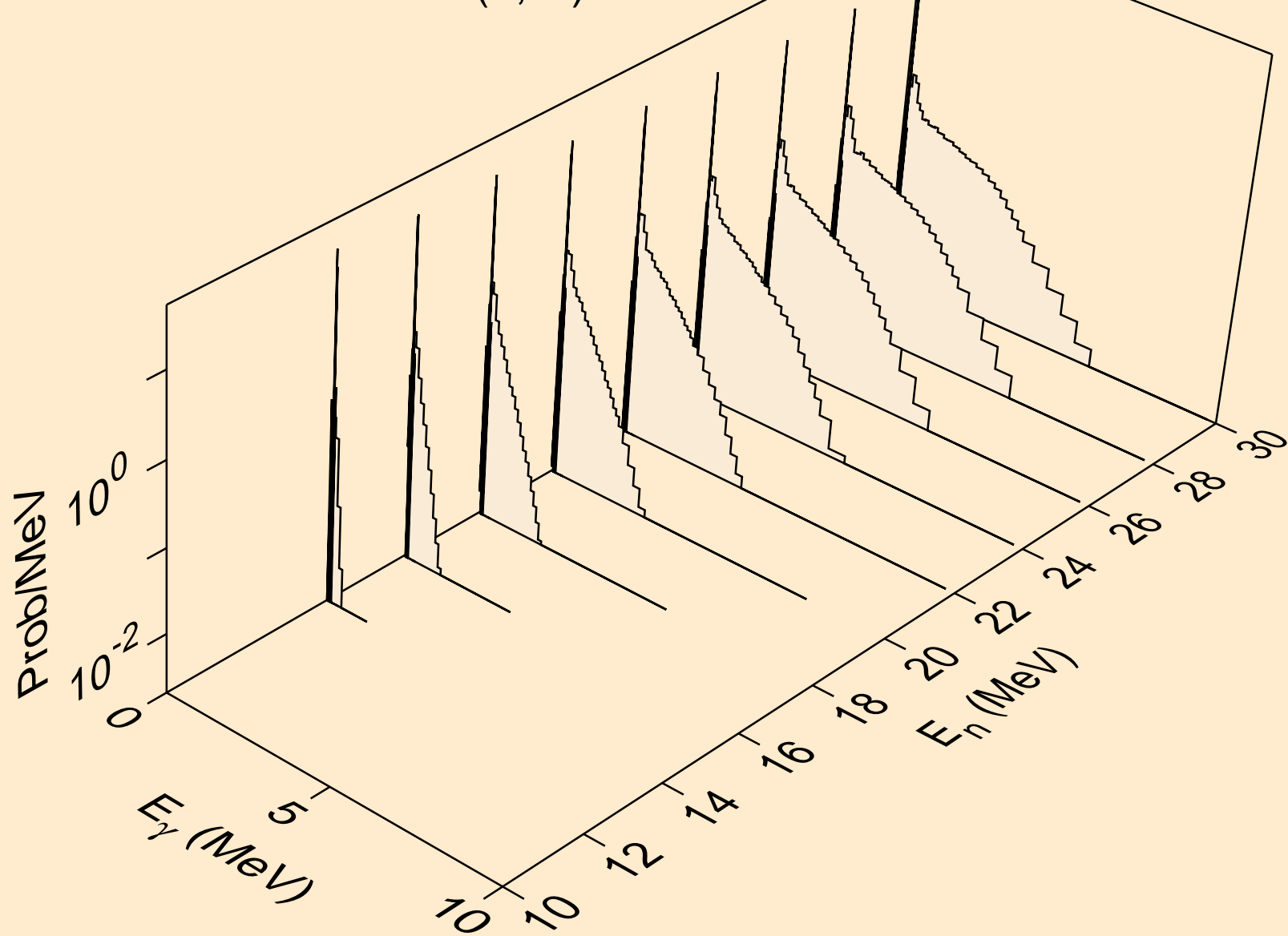


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Photon emission for (n,n\*)2a

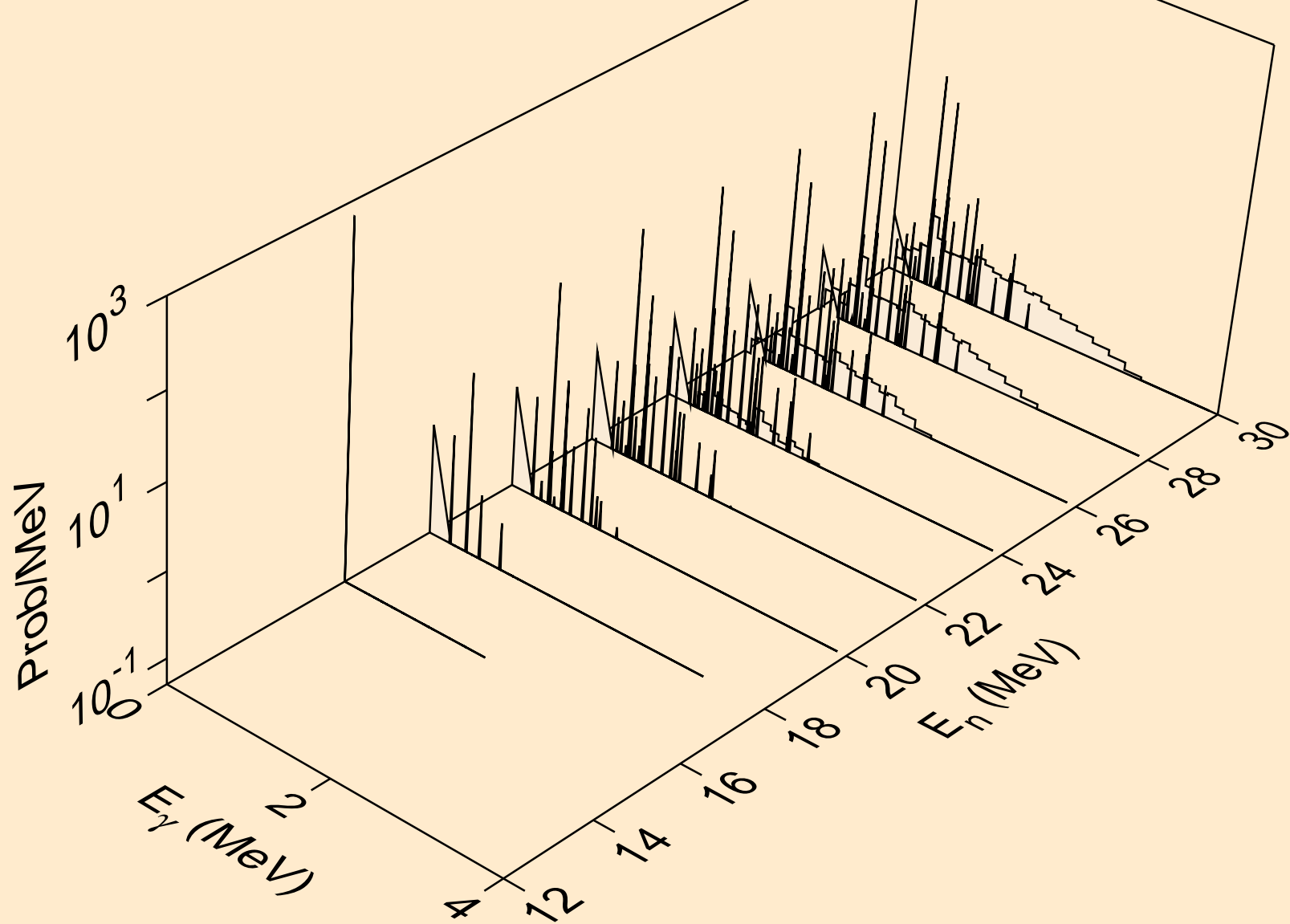


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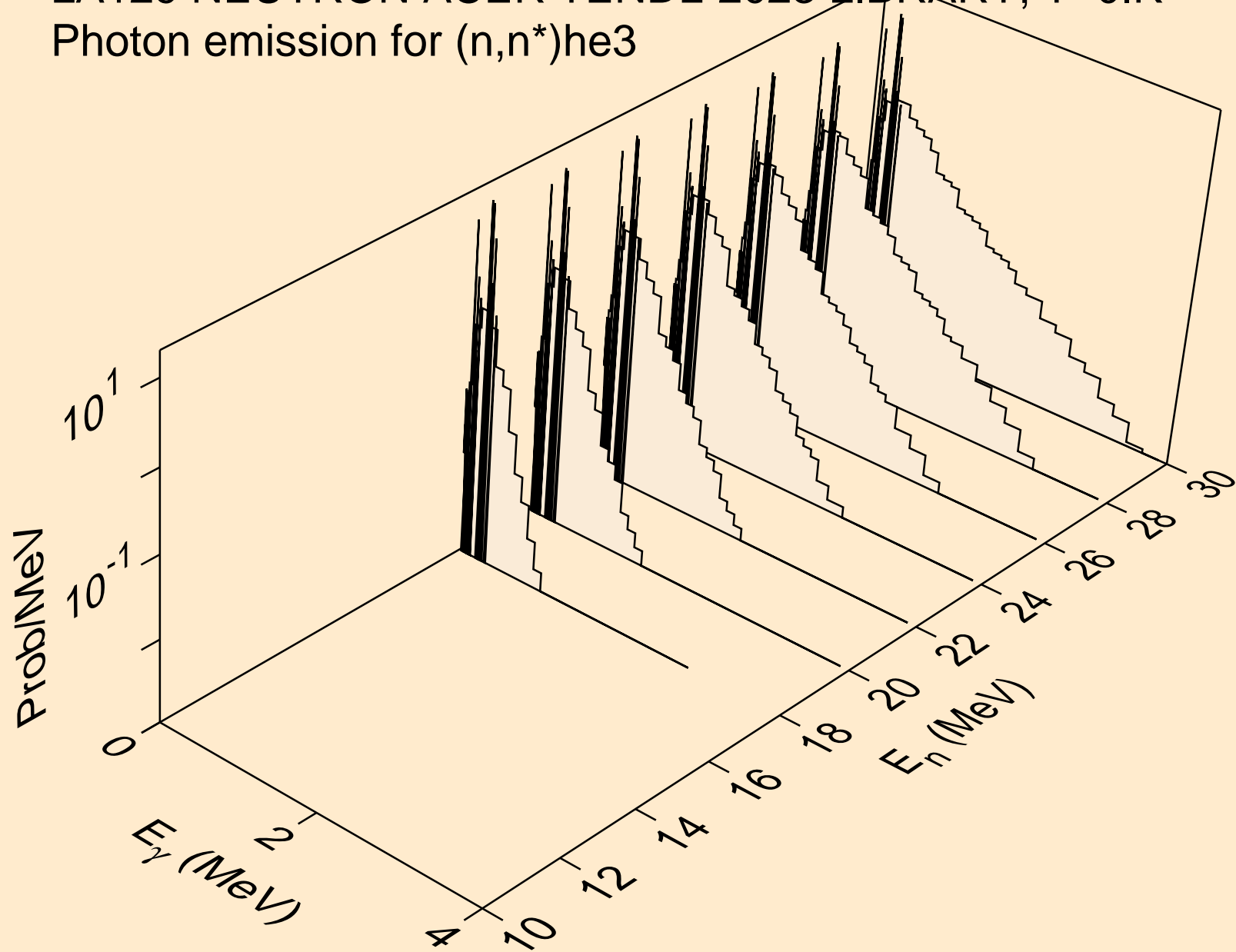
Photon emission for (n,n\*)d



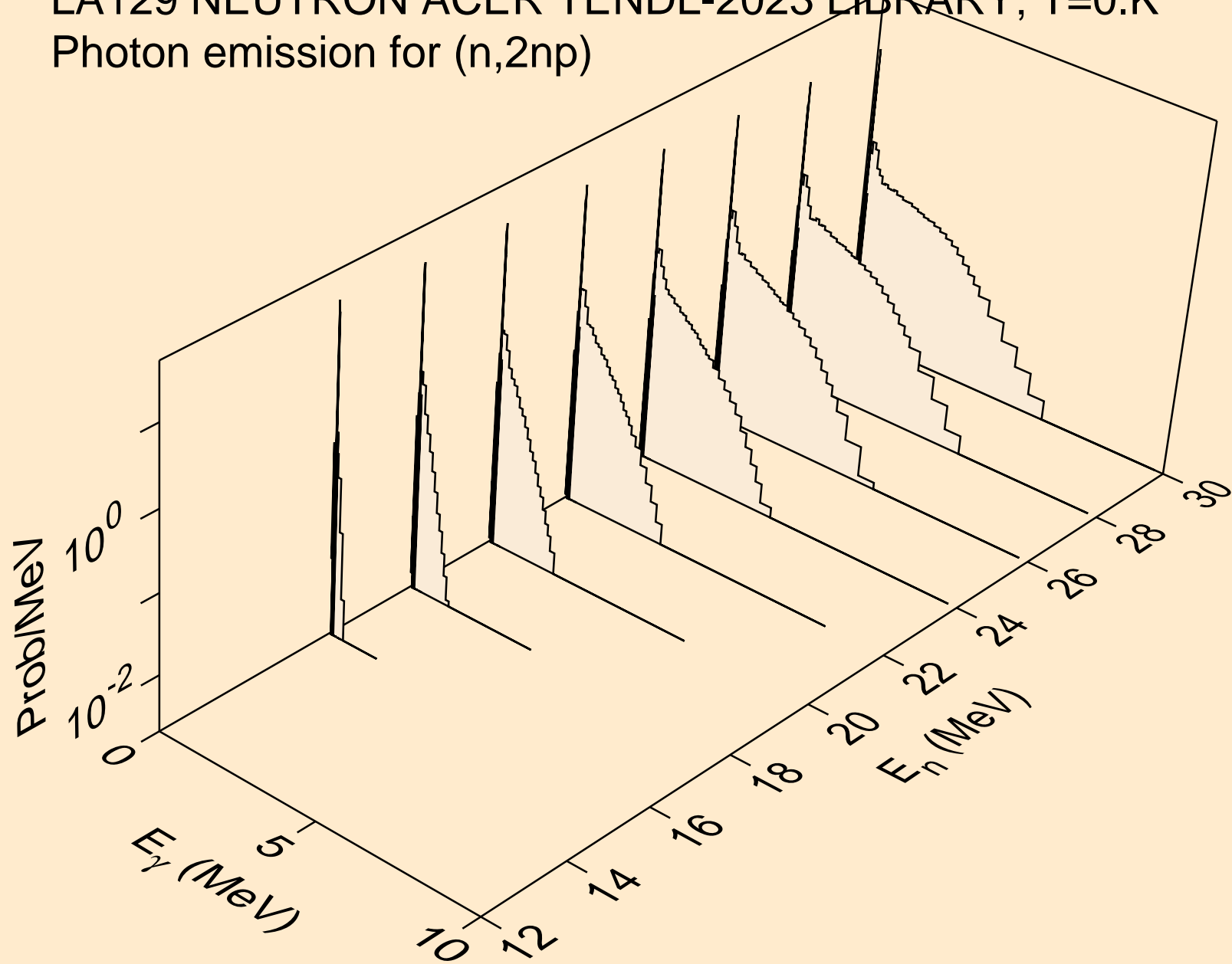
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

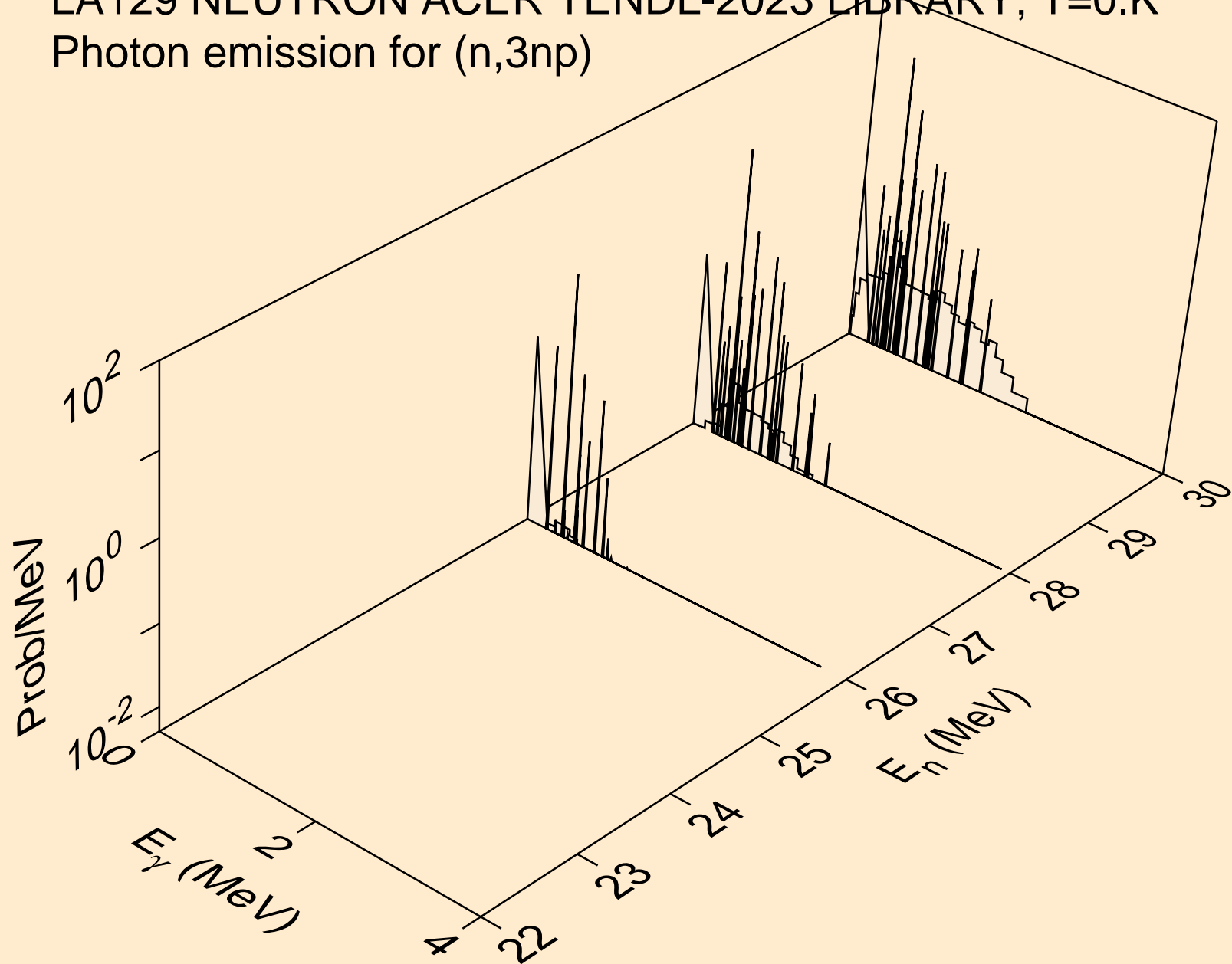


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

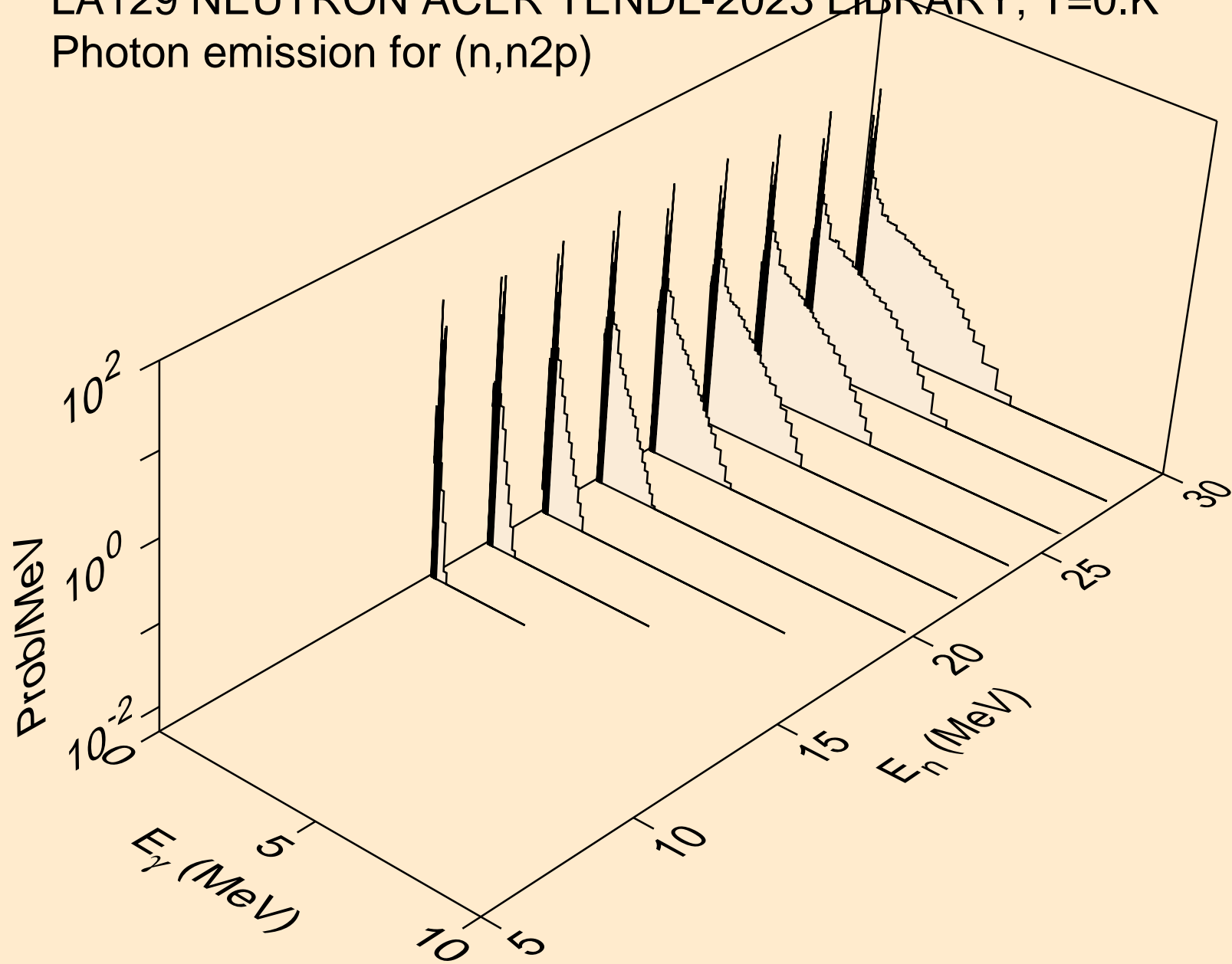




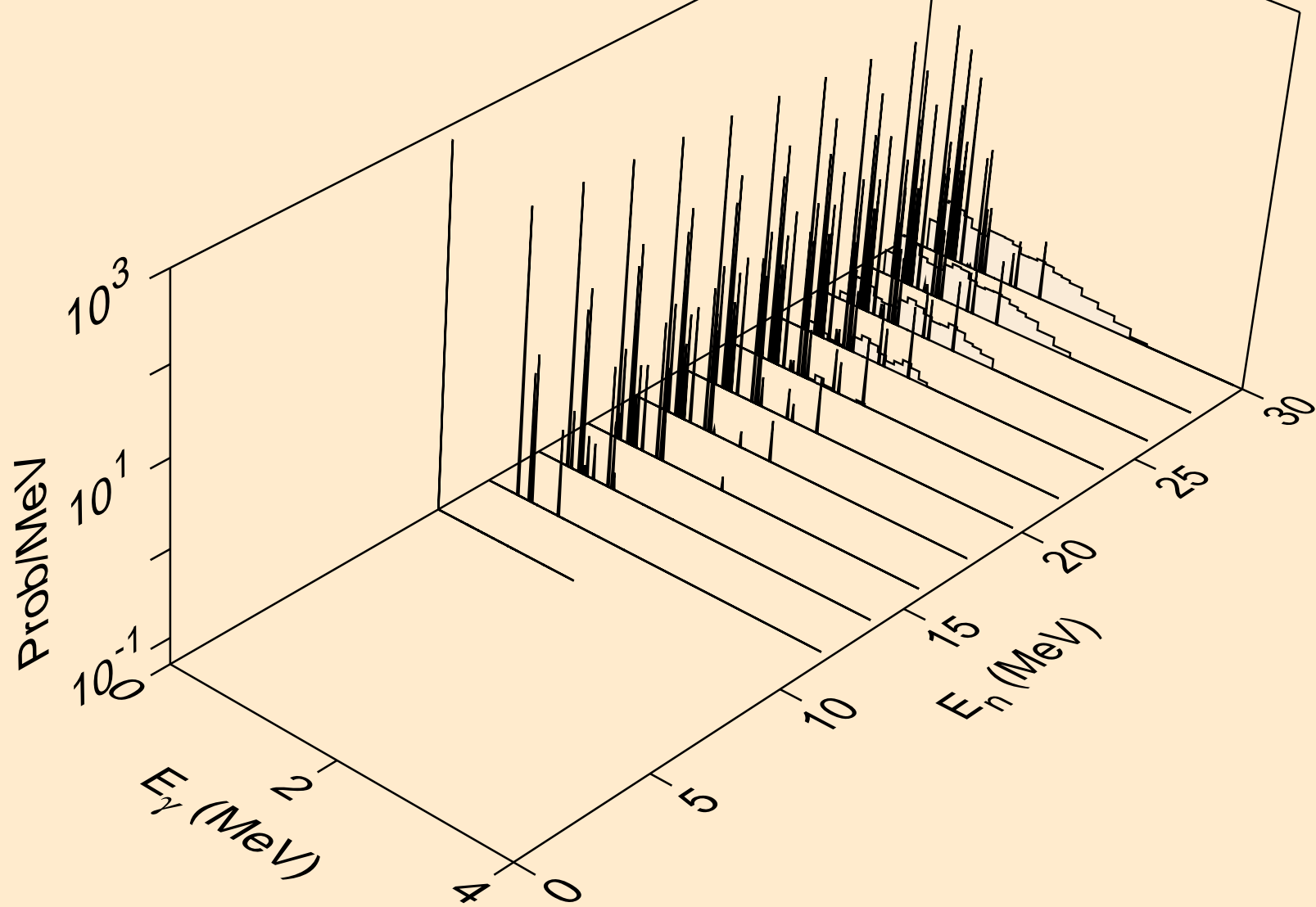
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Photon emission for (n,3np)



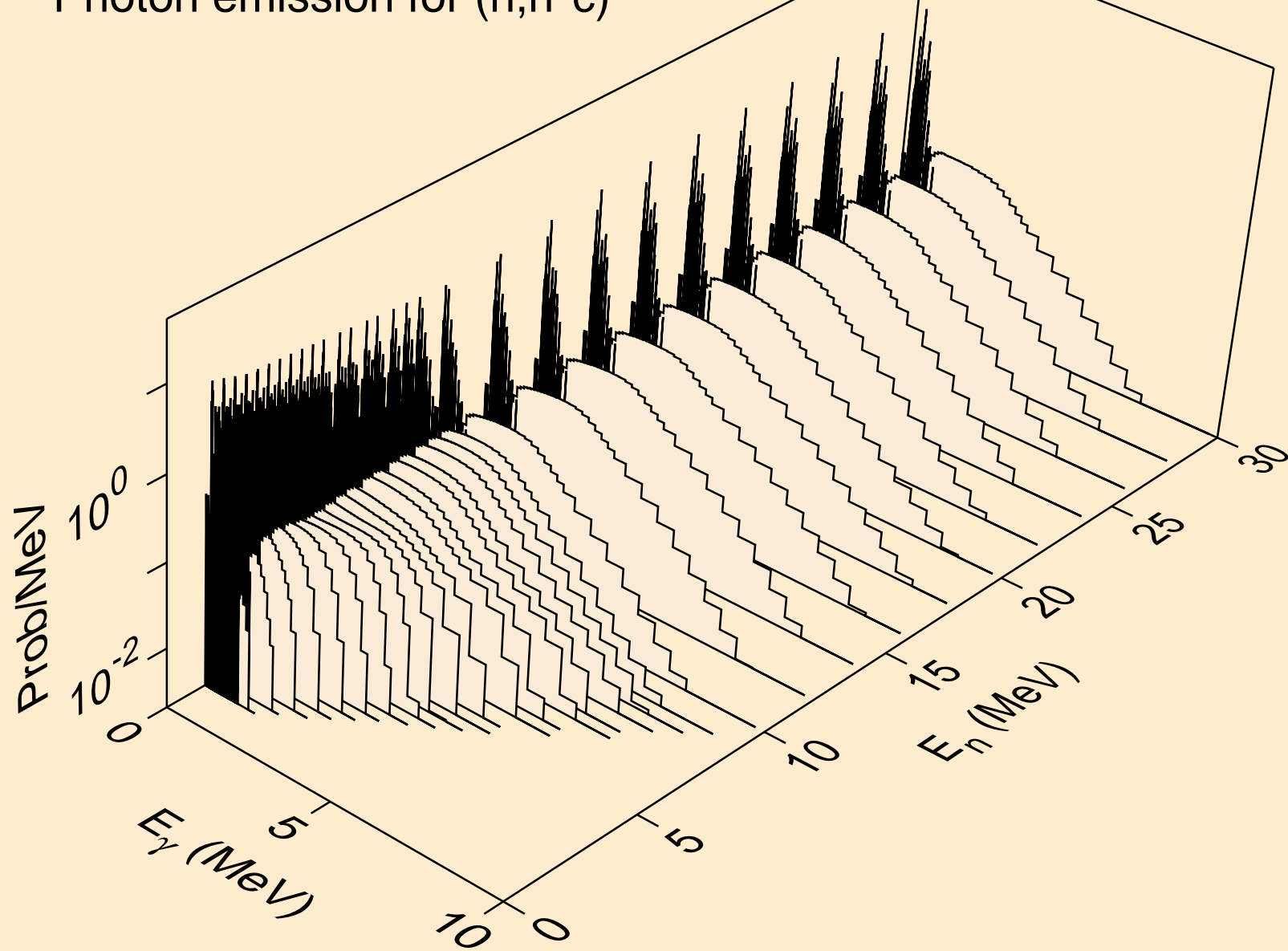
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Photon emission for (n,n2p)



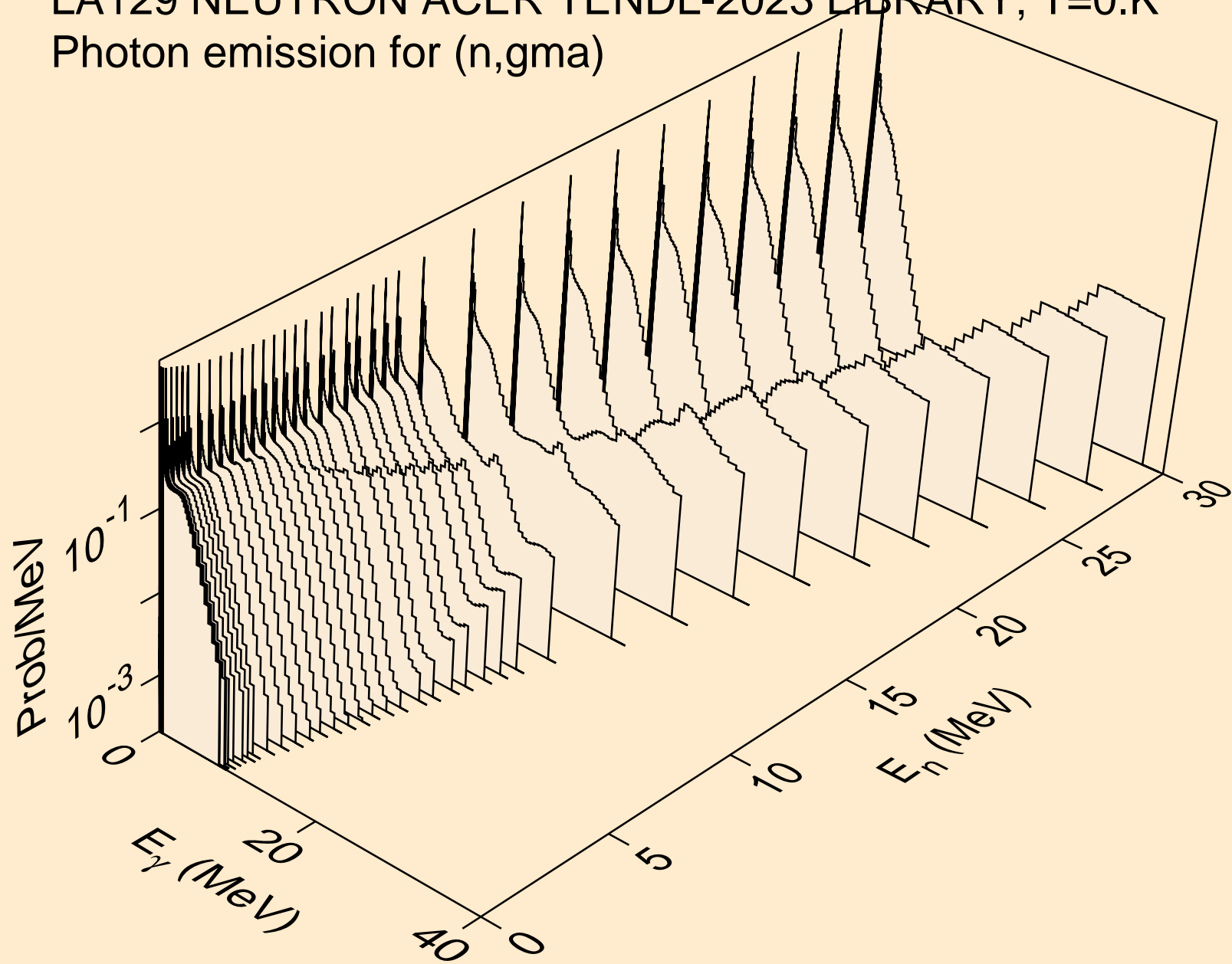
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Photon emission for (n,npa)



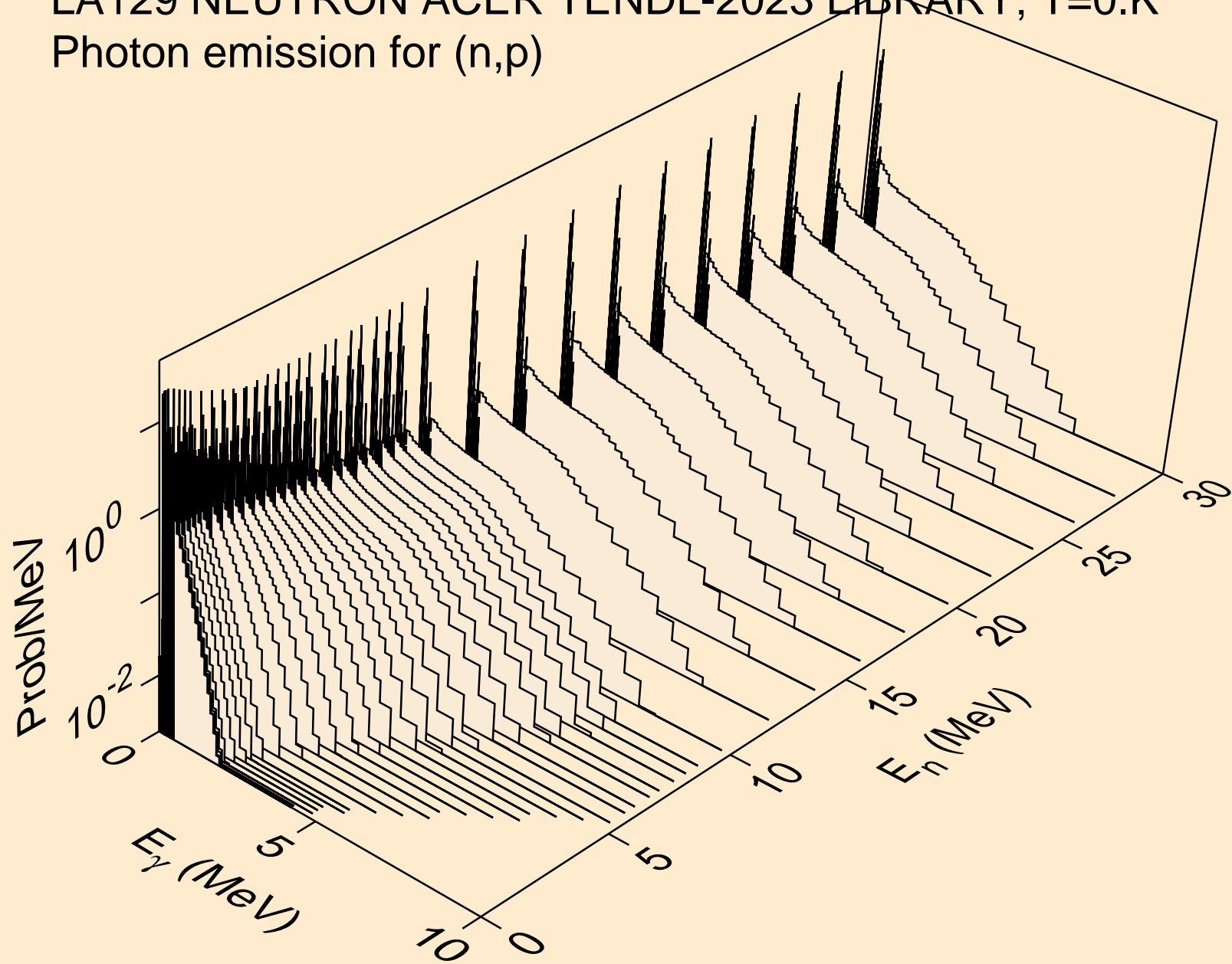
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



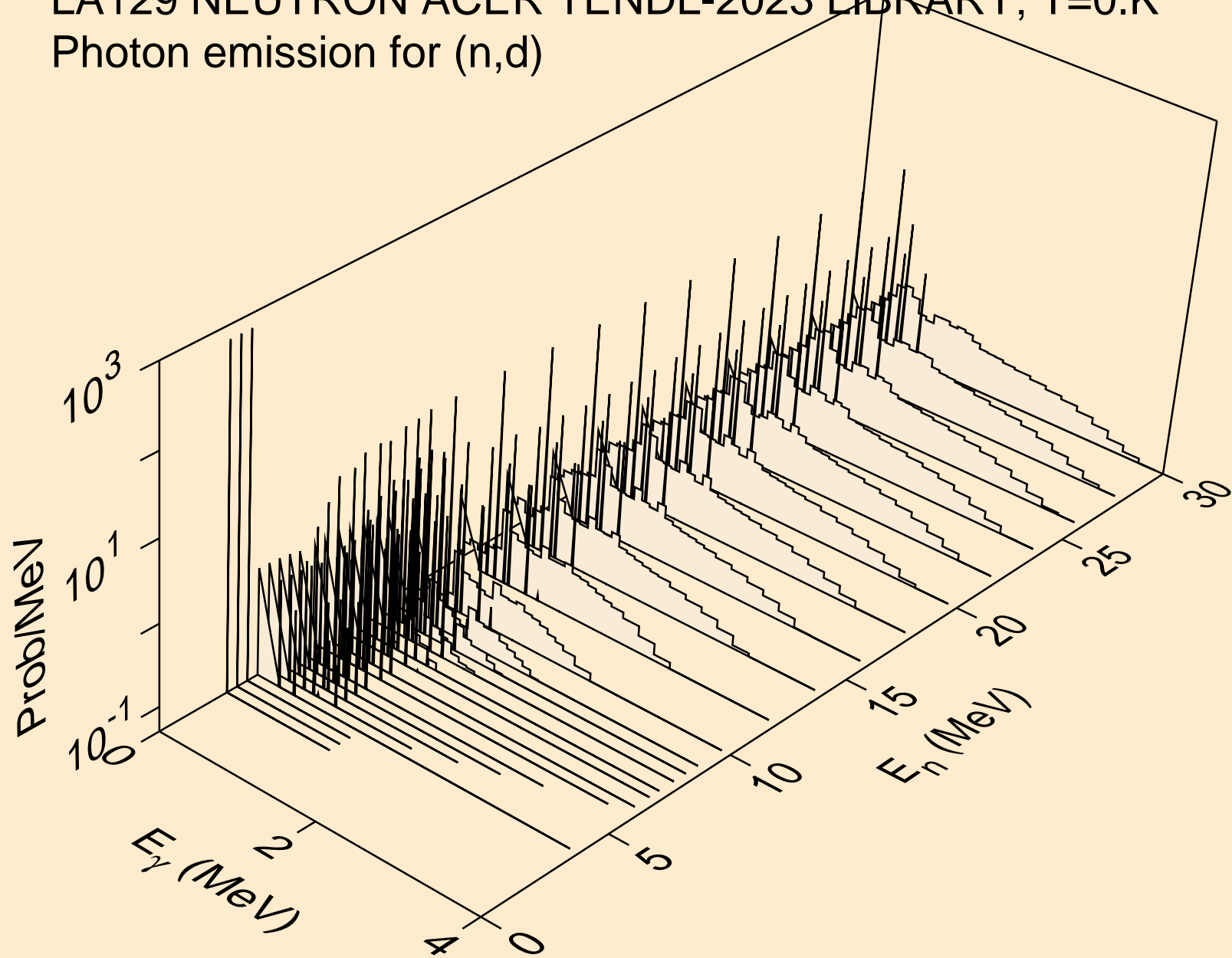
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Photon emission for (n,gma)



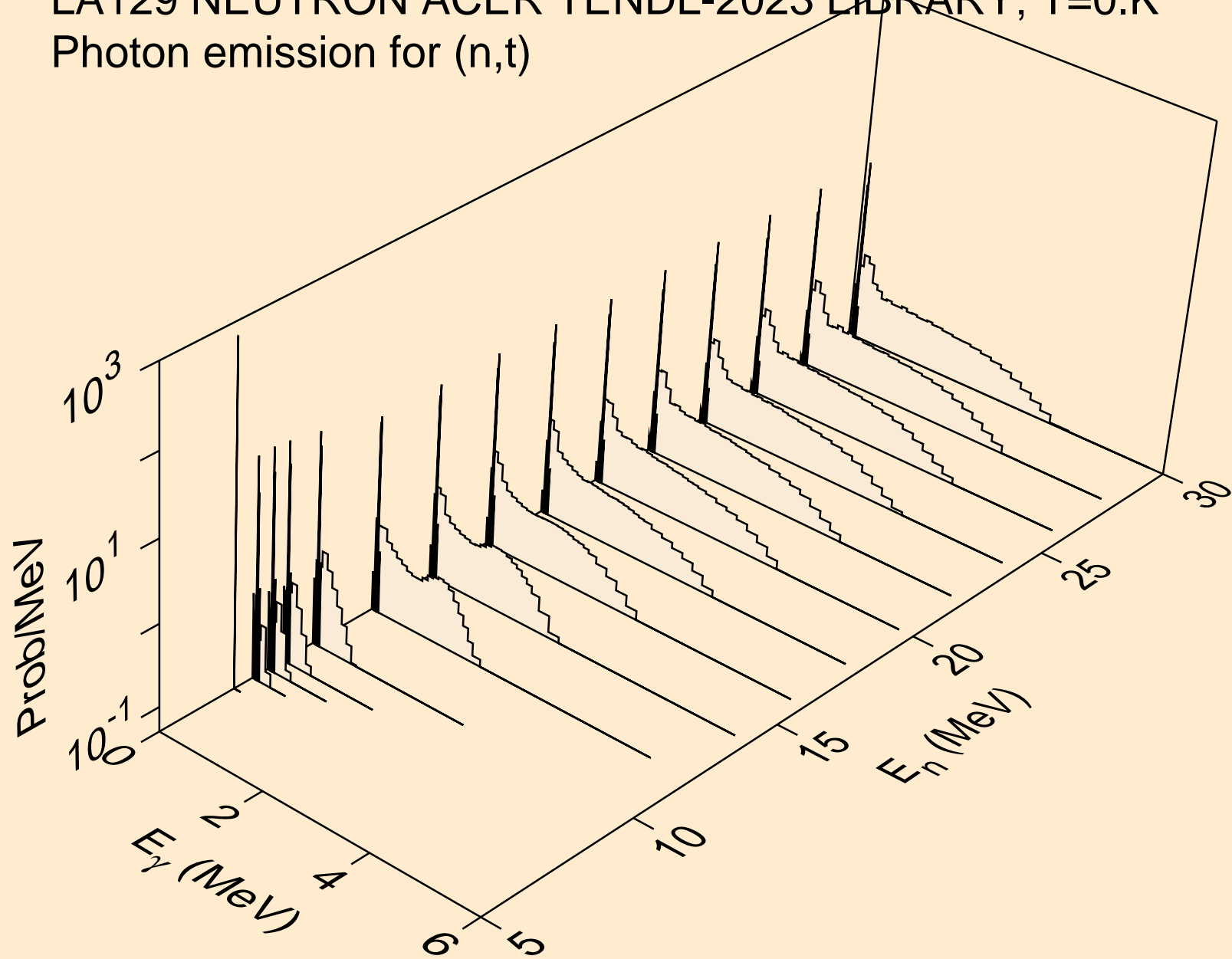
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

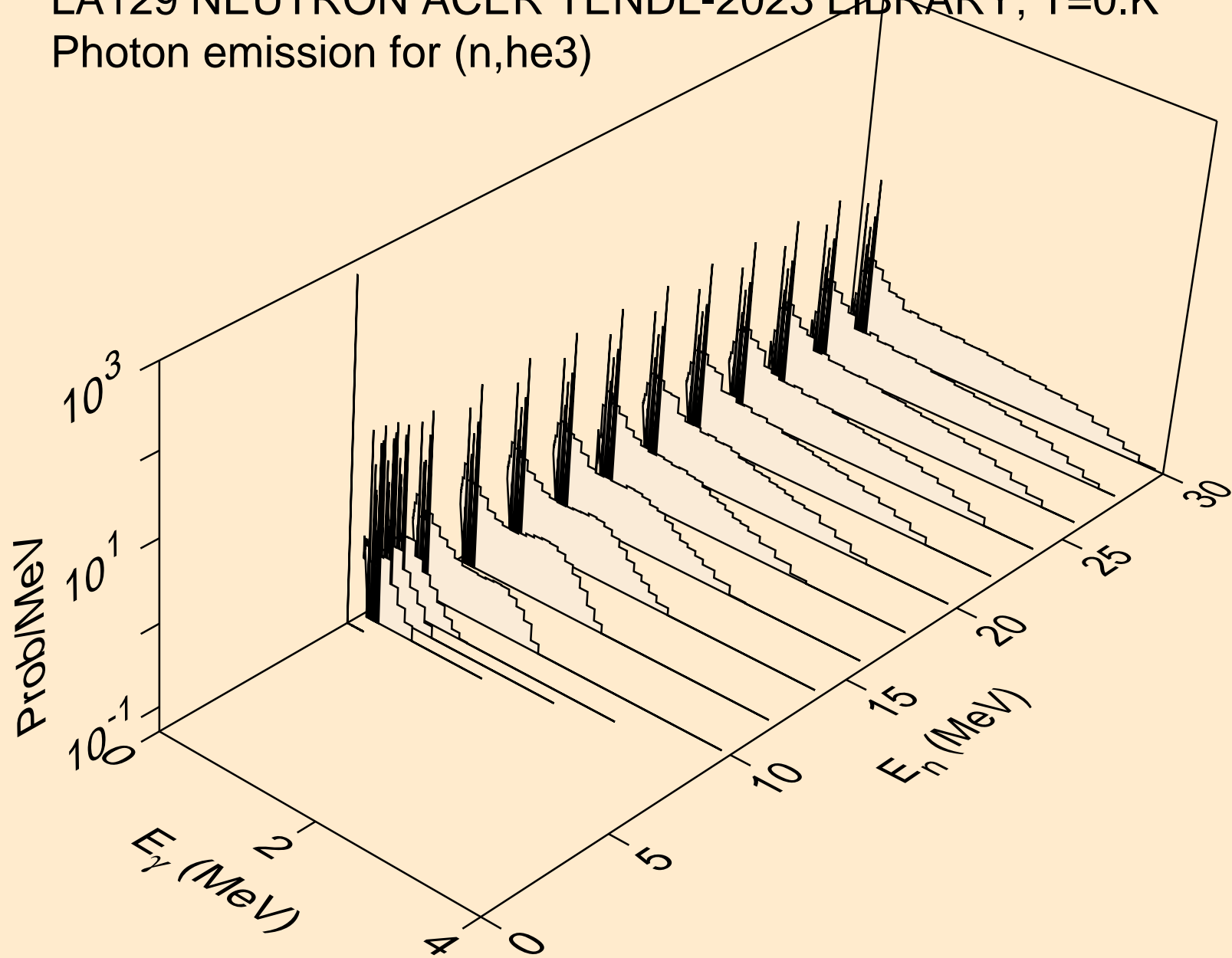


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Photon emission for (n,t)

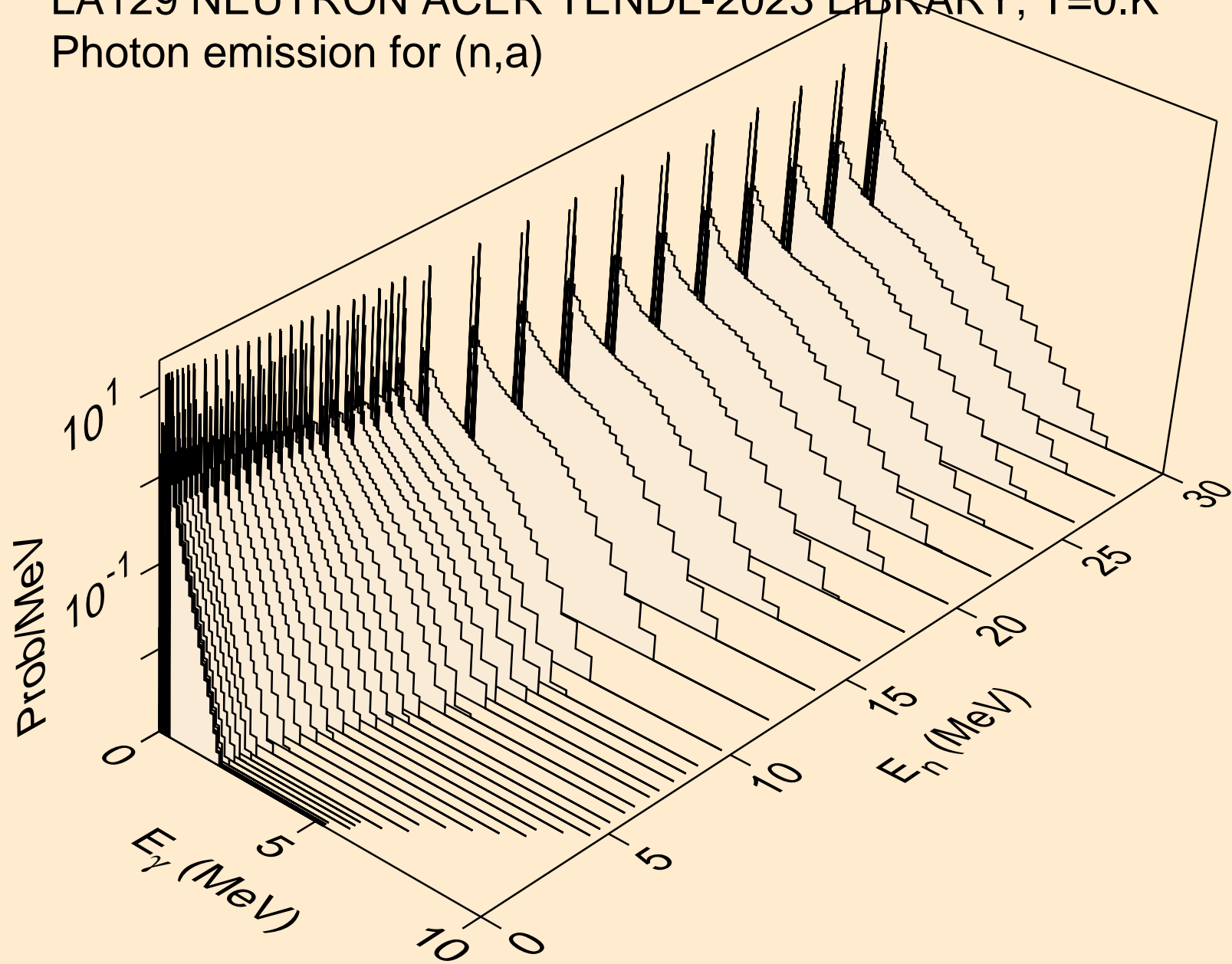




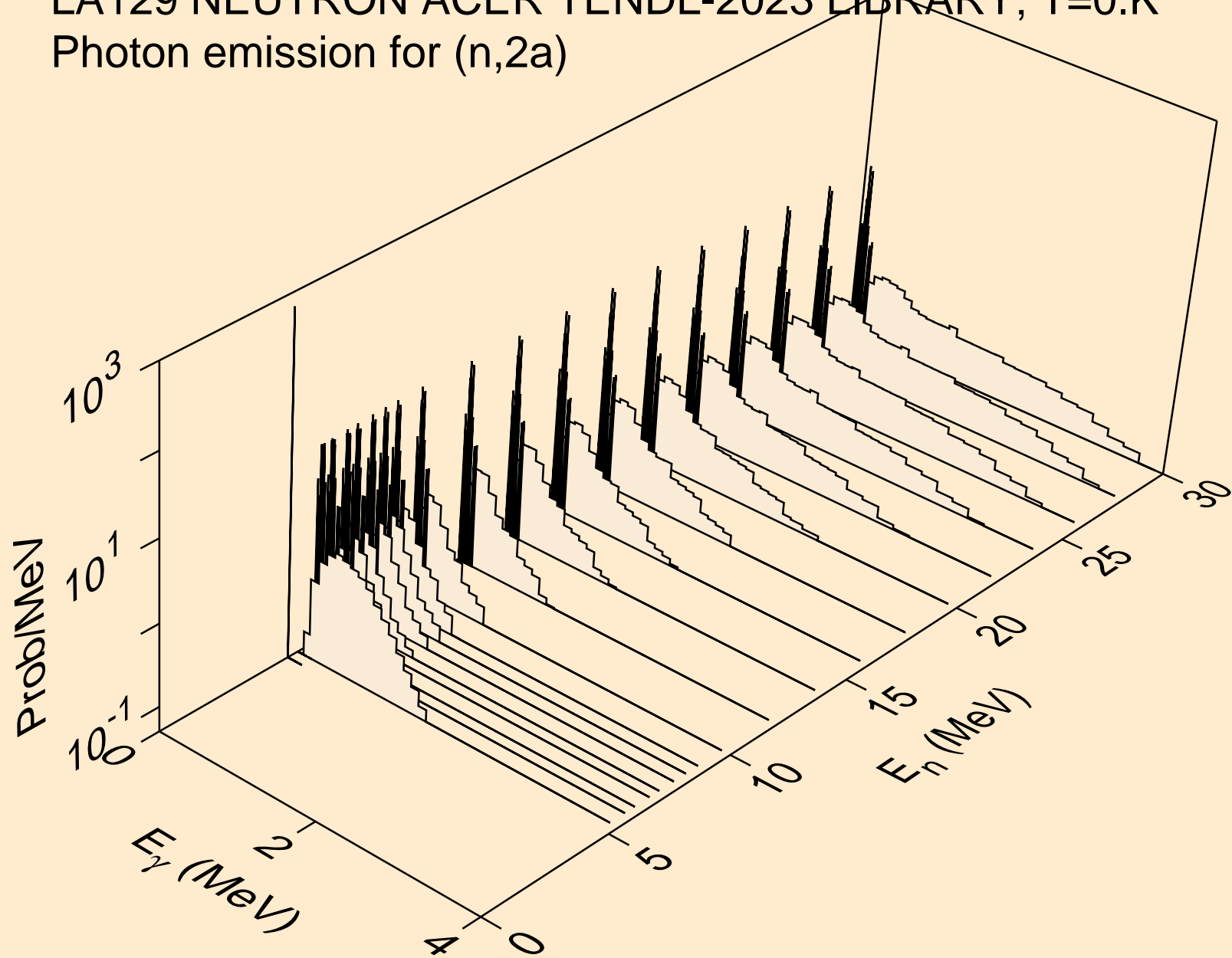
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Photon emission for (n,he3)



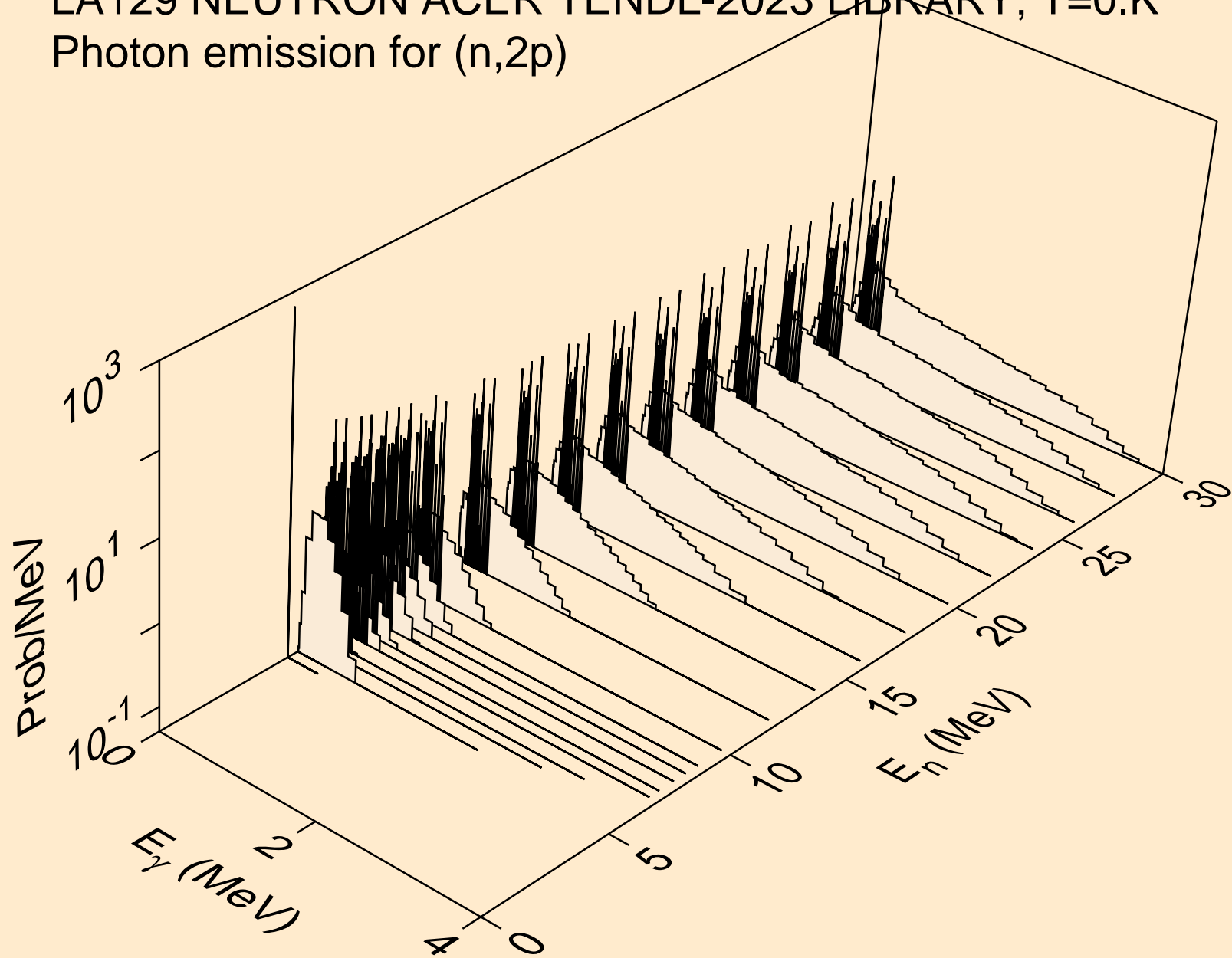
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Photon emission for (n,a)



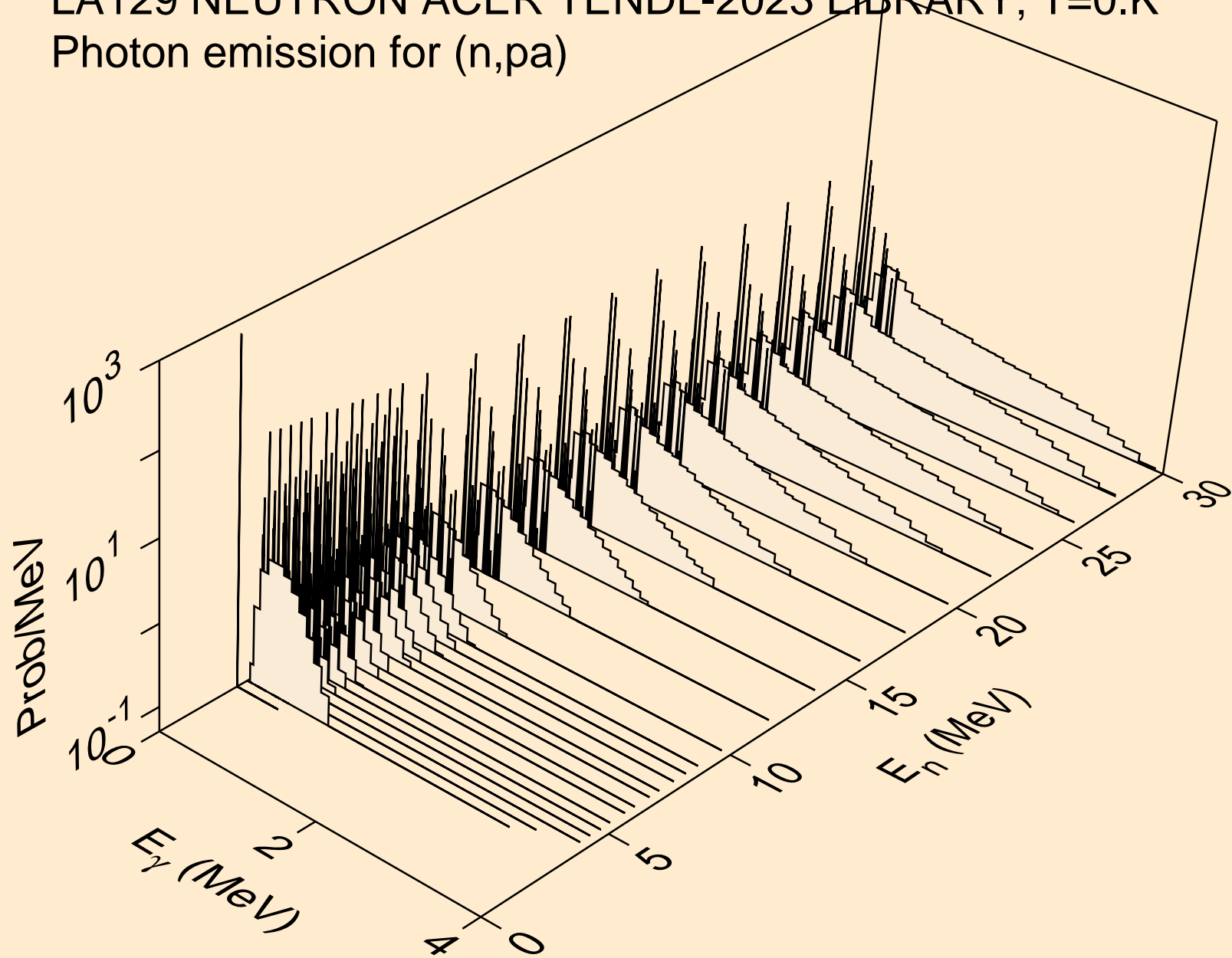
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Photon emission for (n,2a)



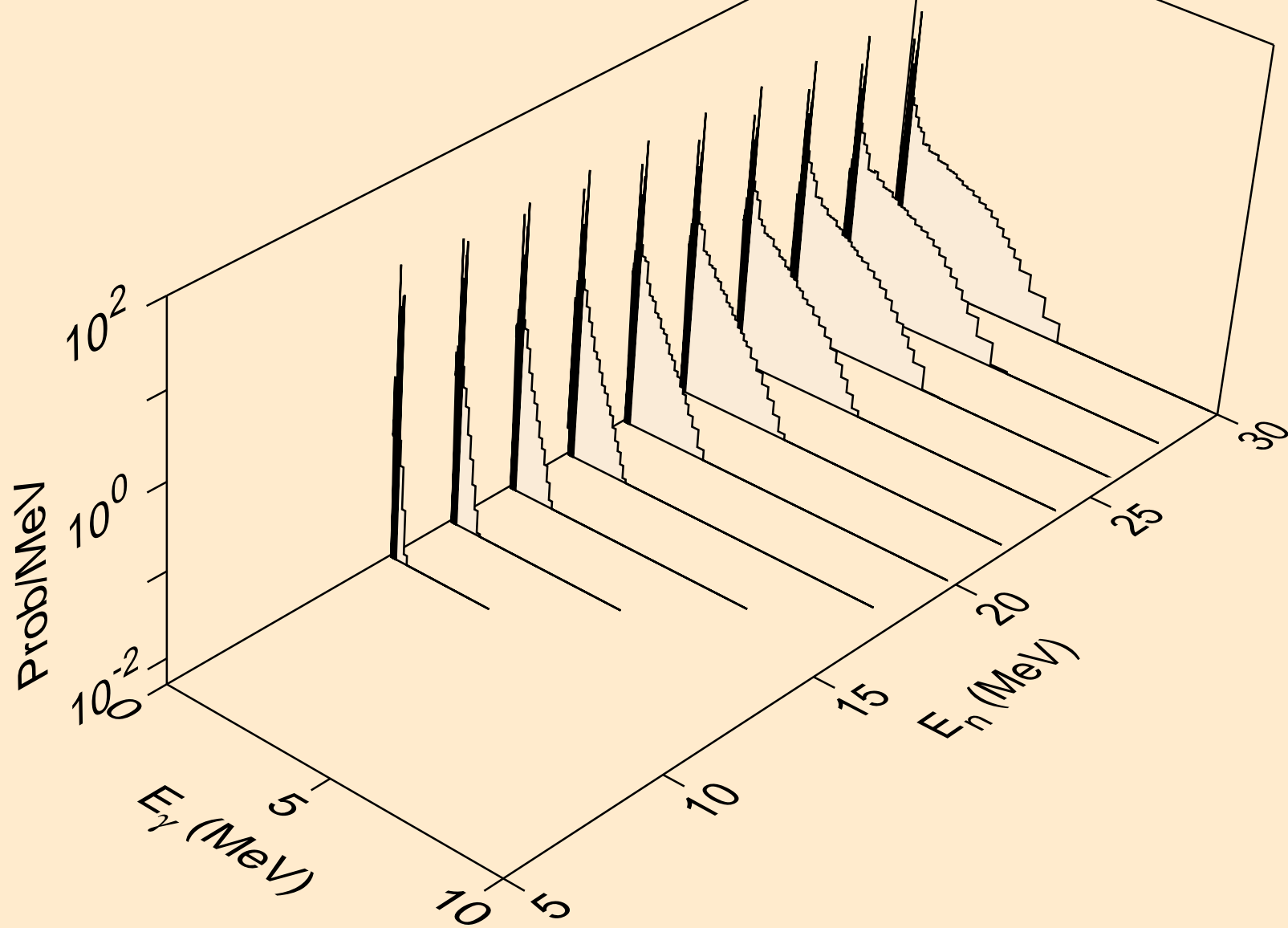
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Photon emission for (n,2p)



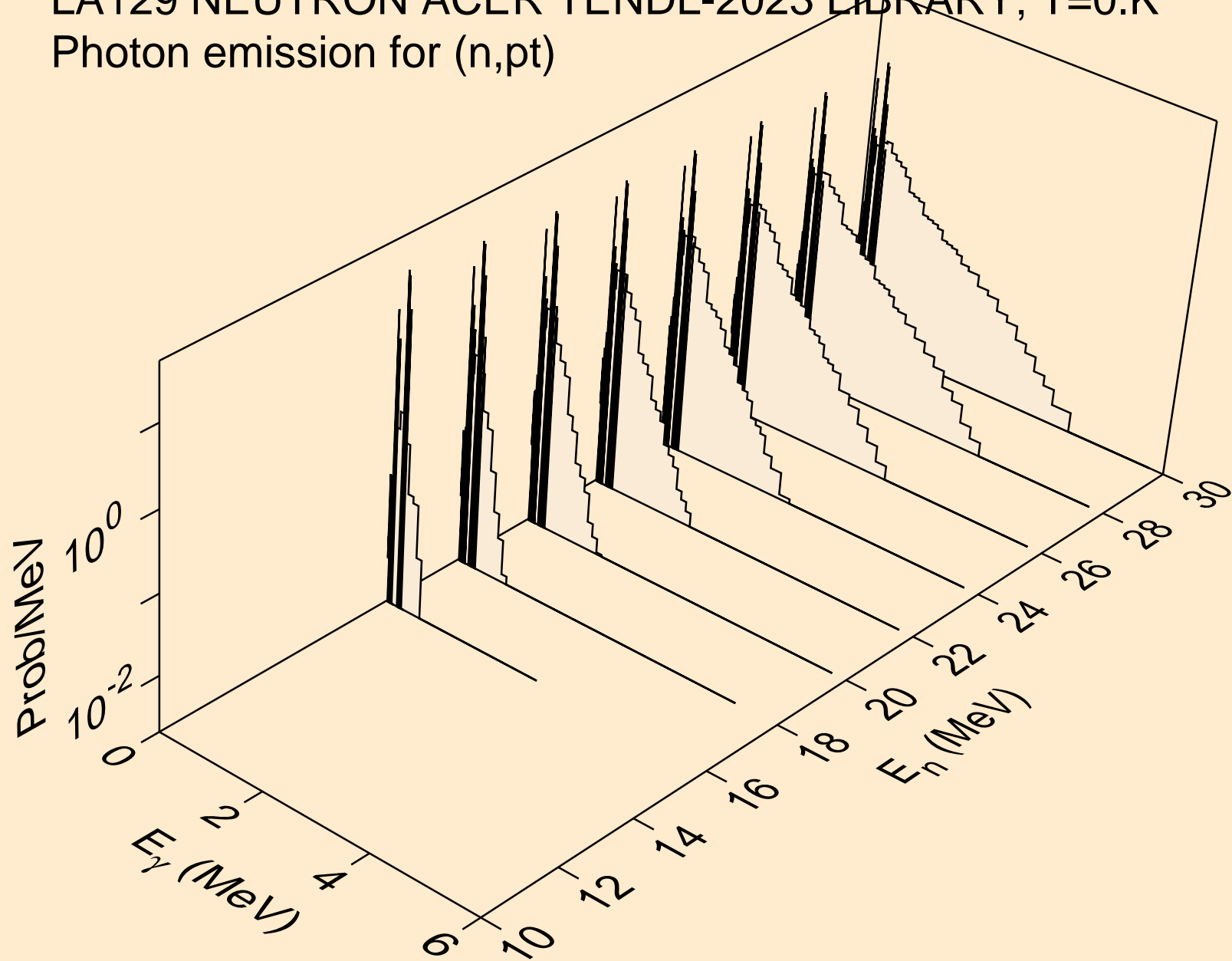
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Photon emission for (n,p $\alpha$ )



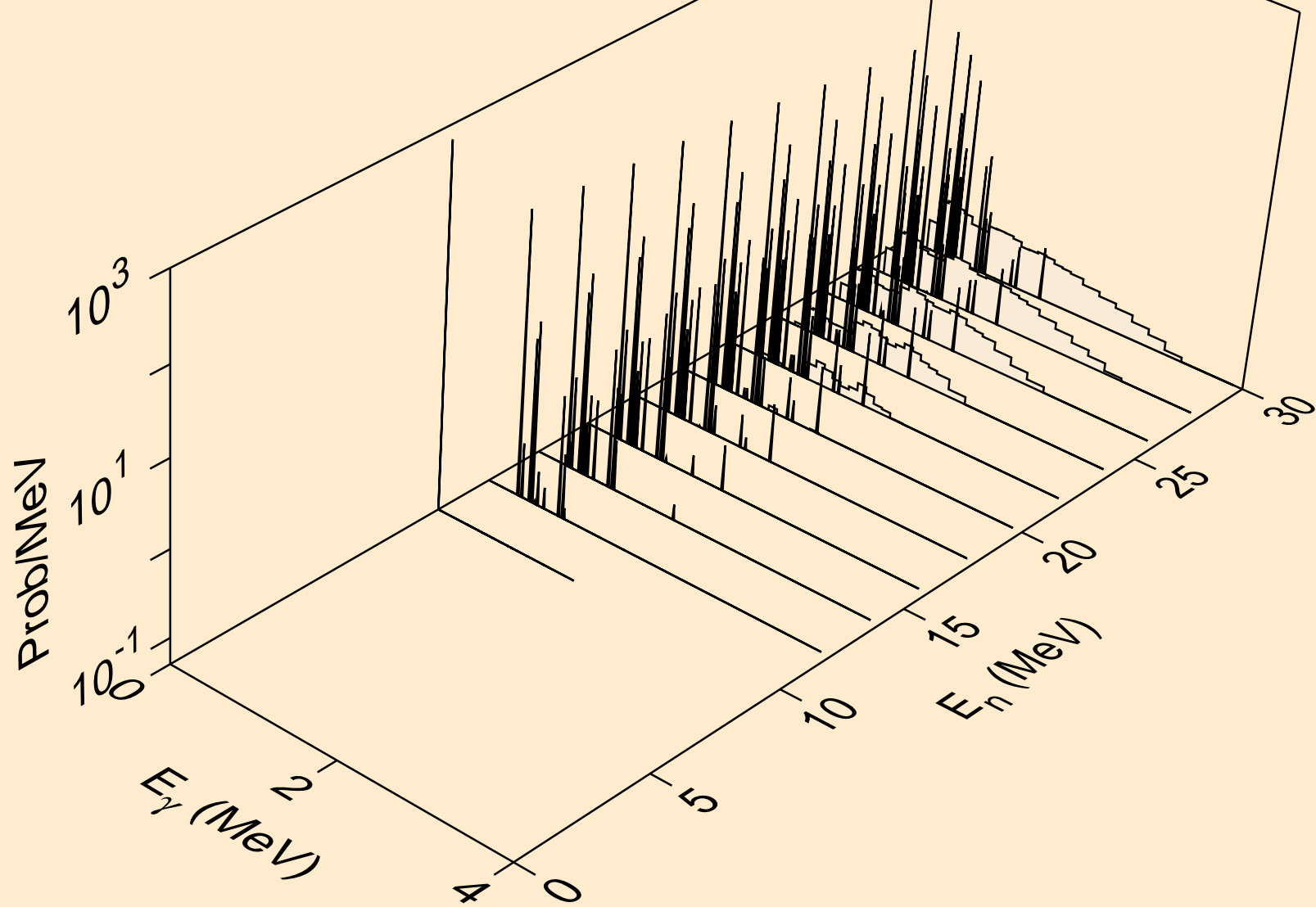
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

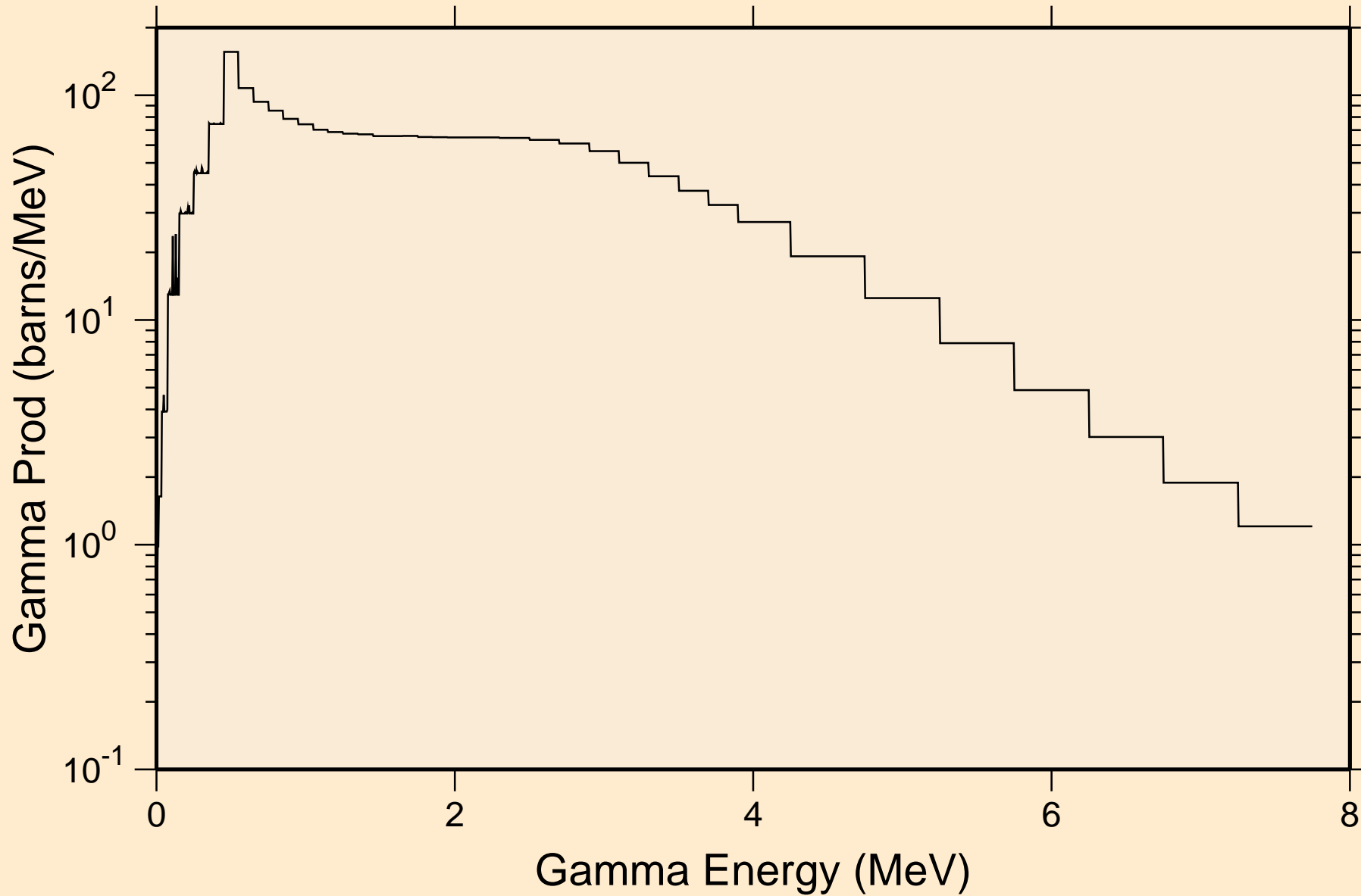


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Photon emission for (n,da)

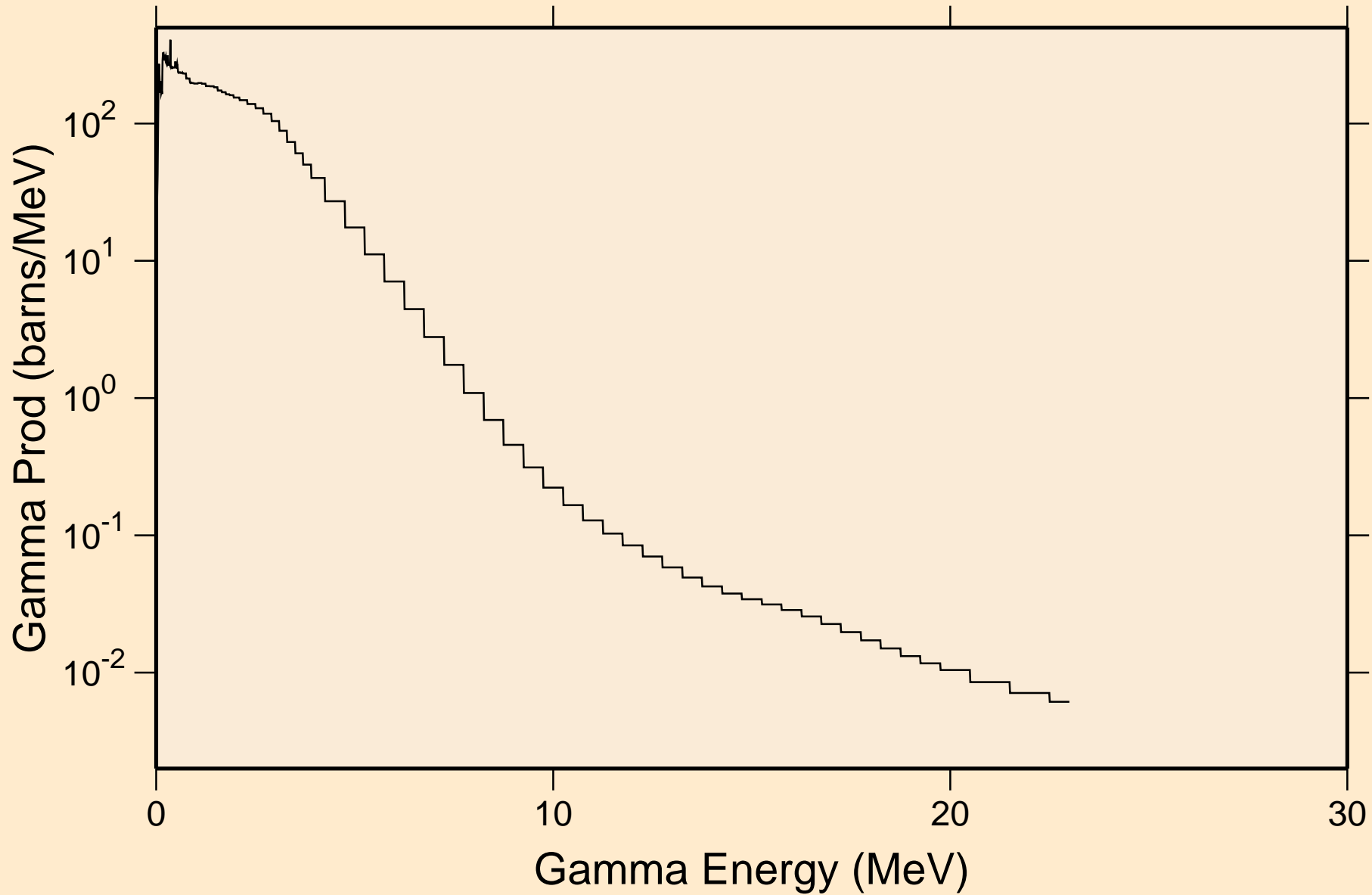




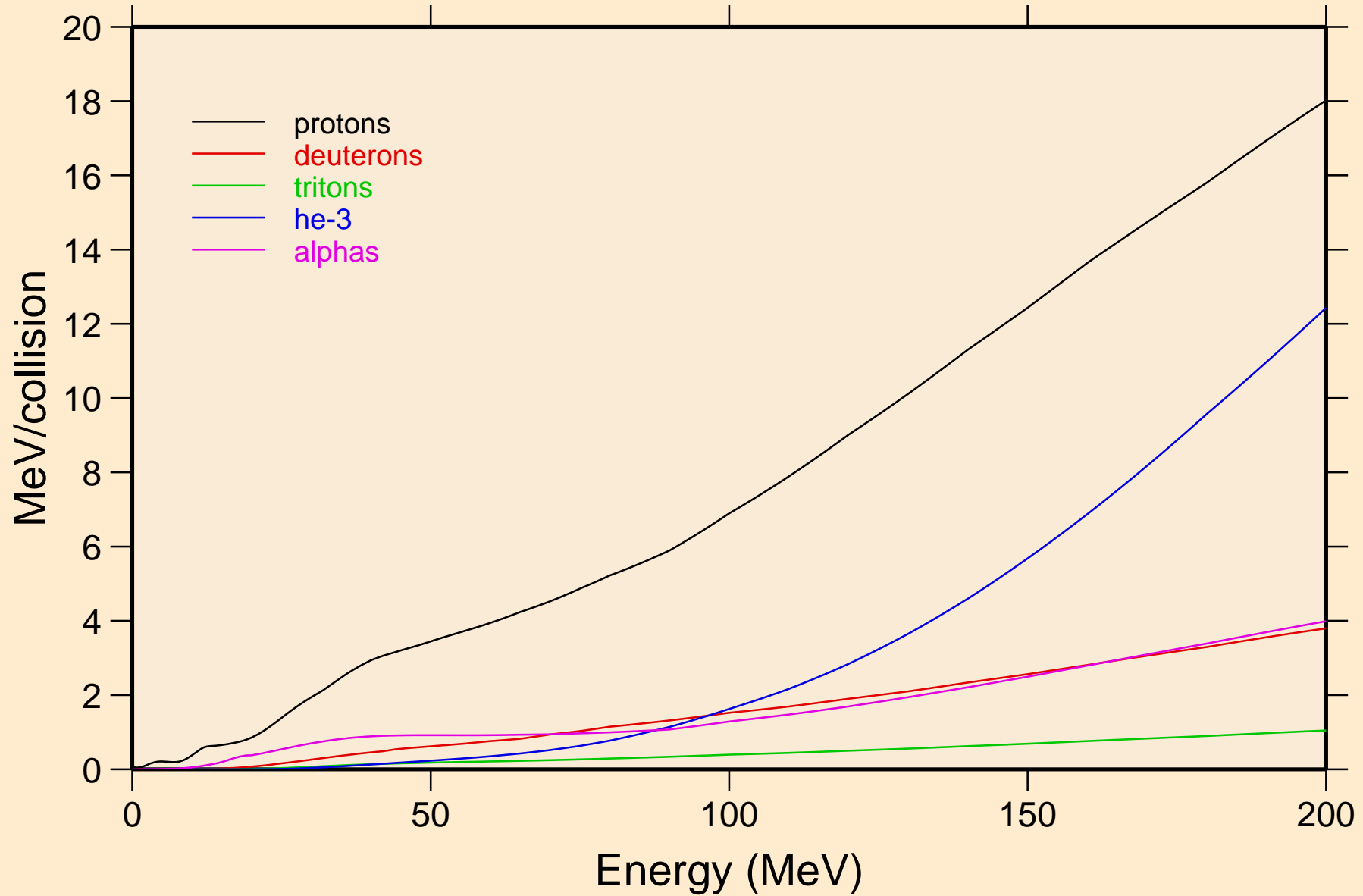
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



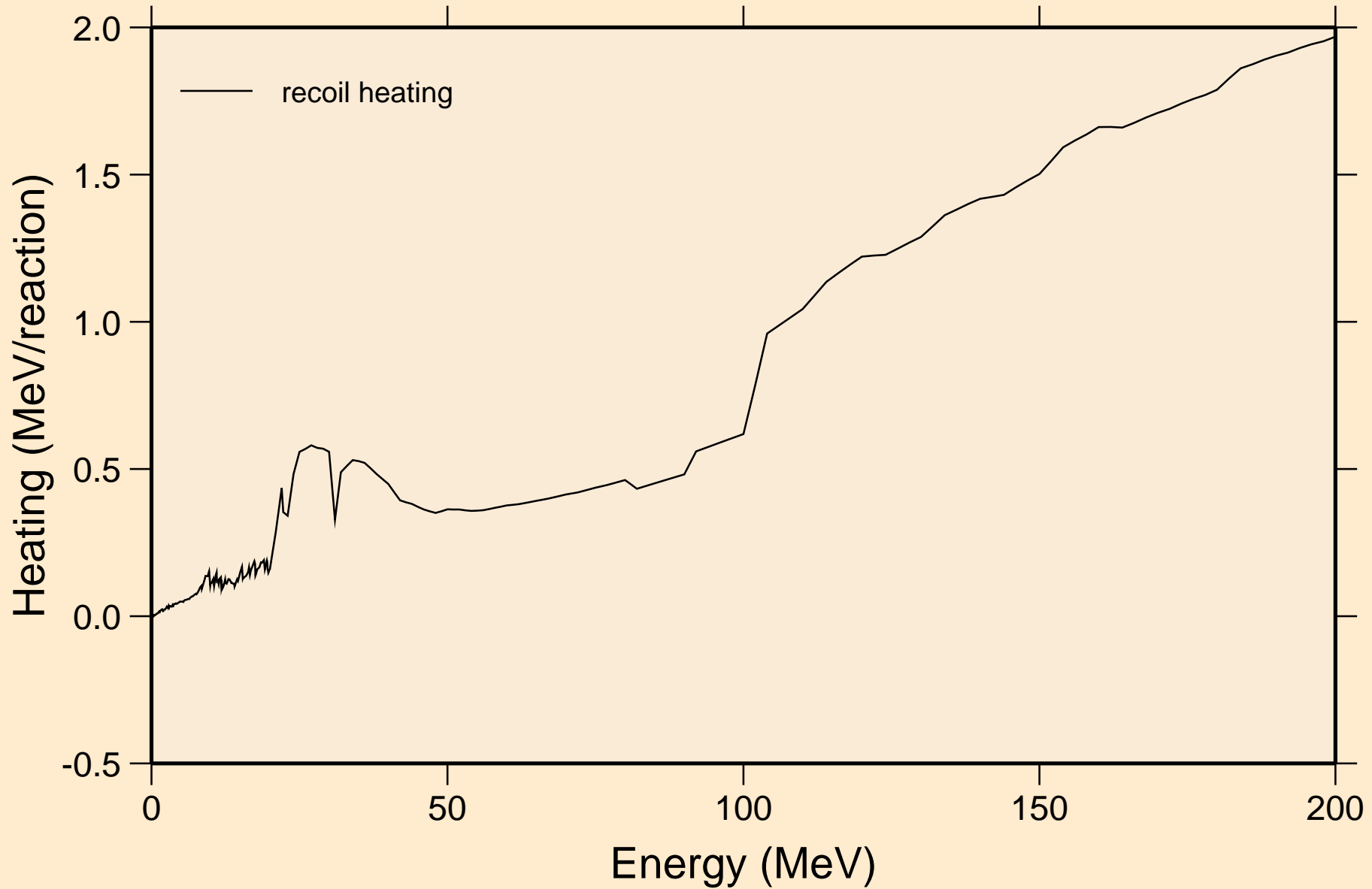
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14 MeV photon spectrum



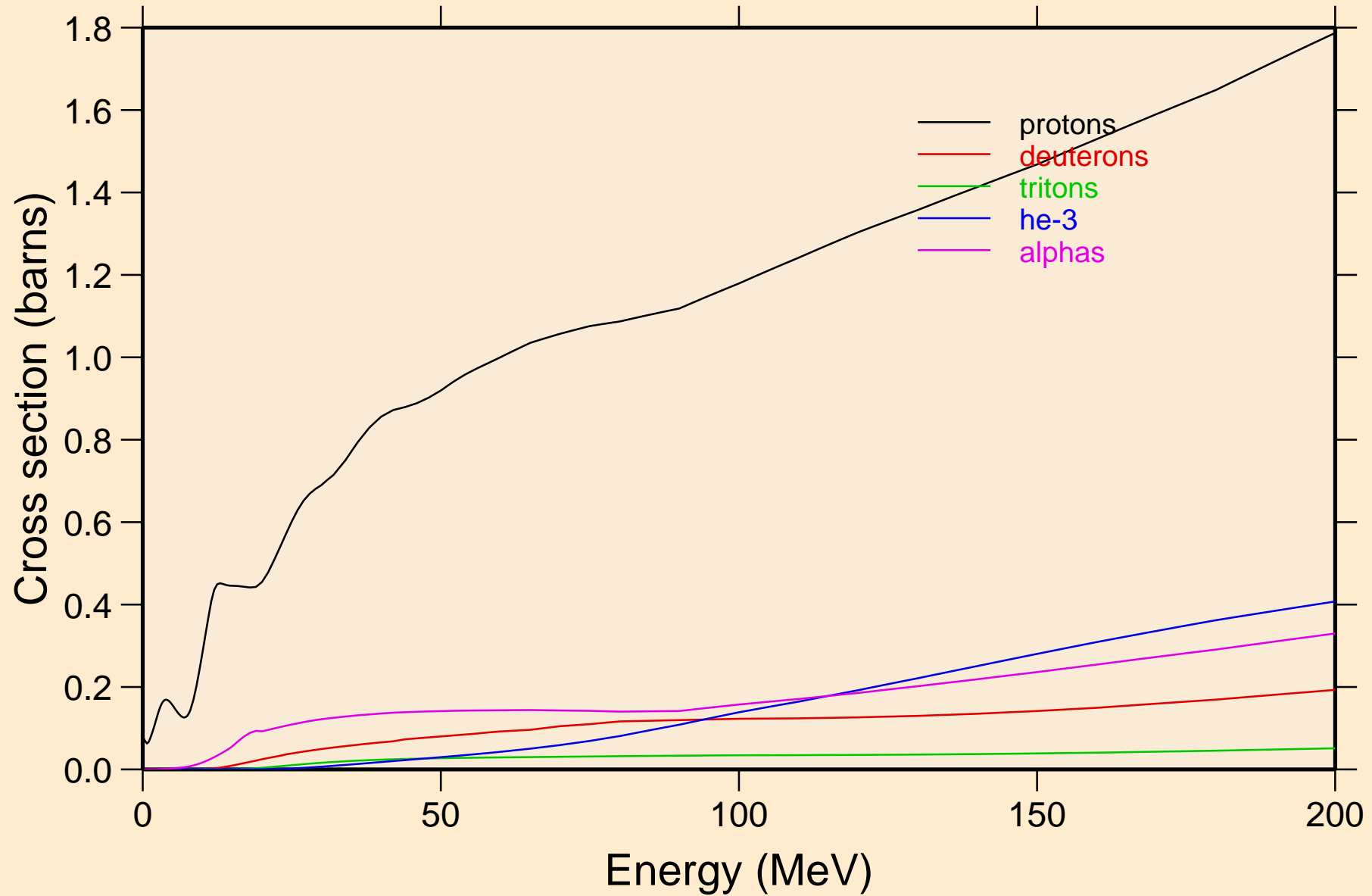
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



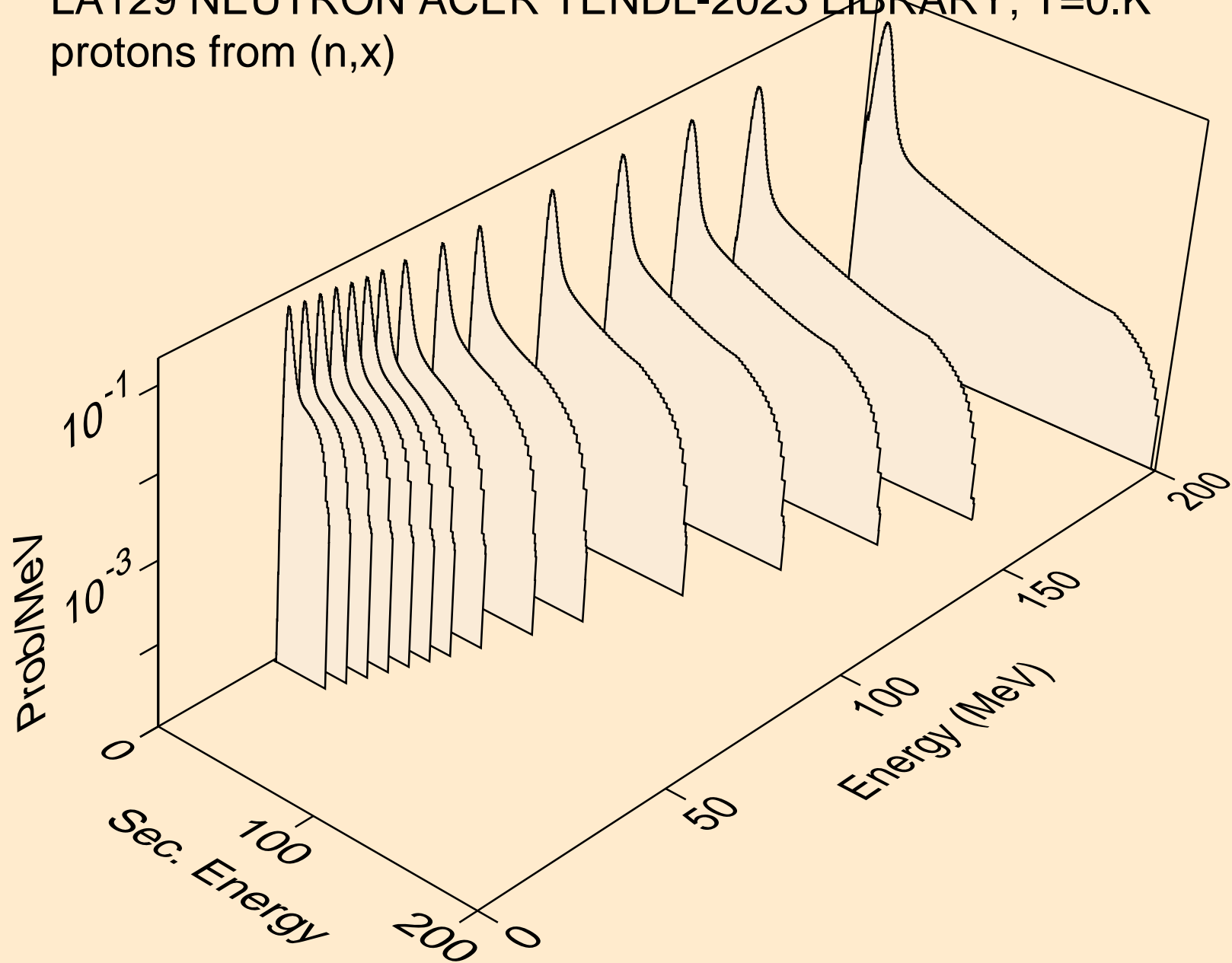
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Recoil Heating



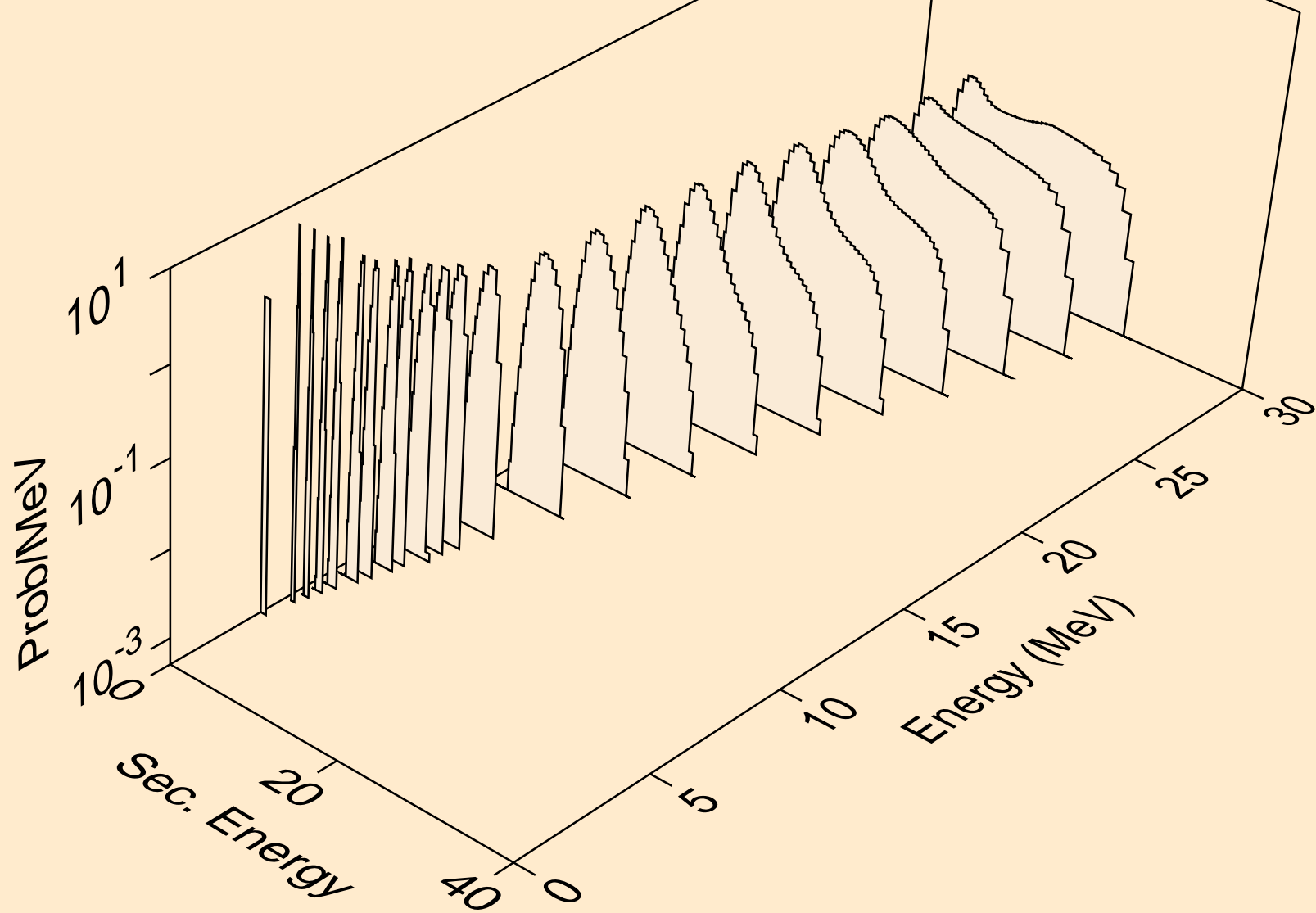
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



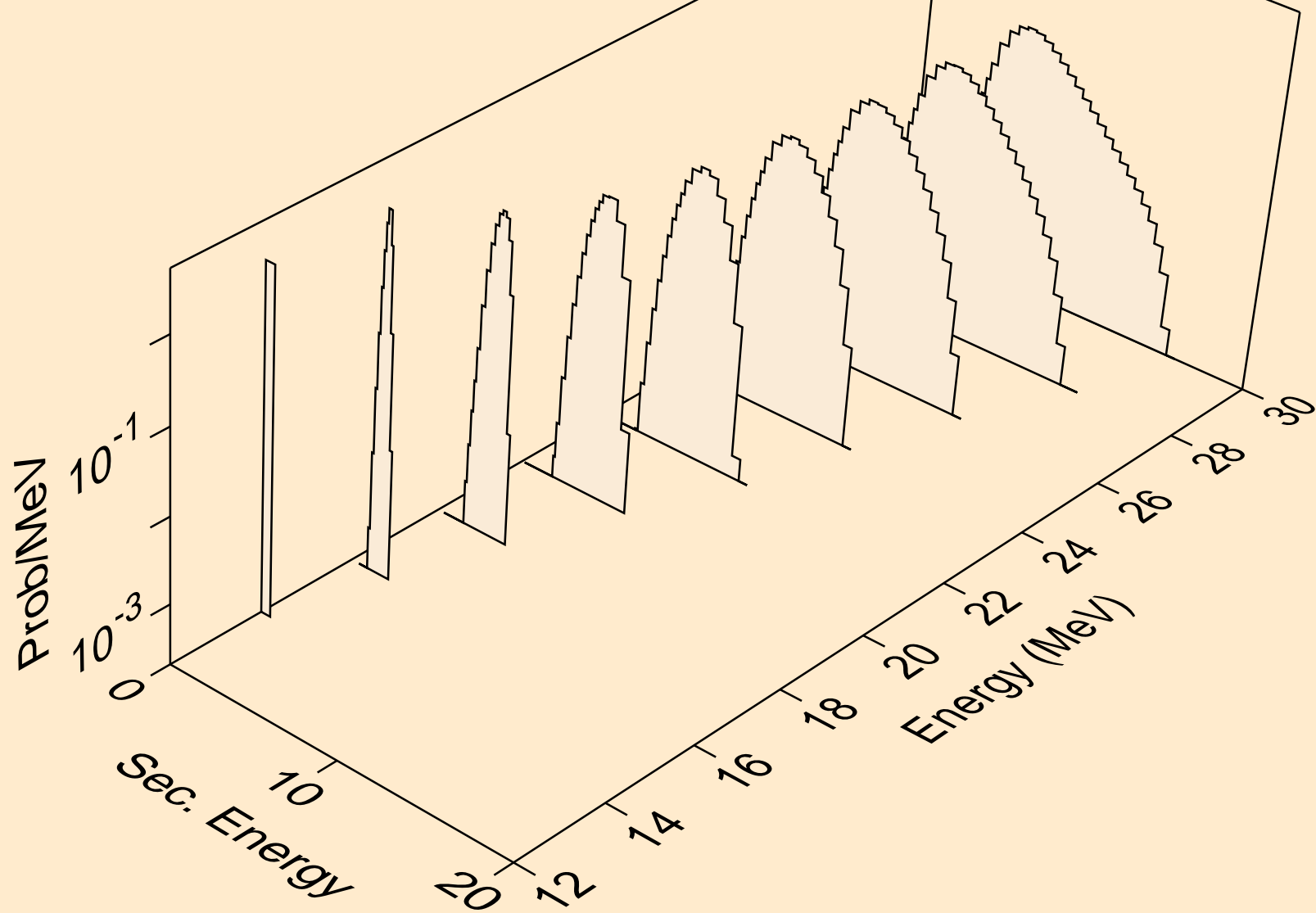
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

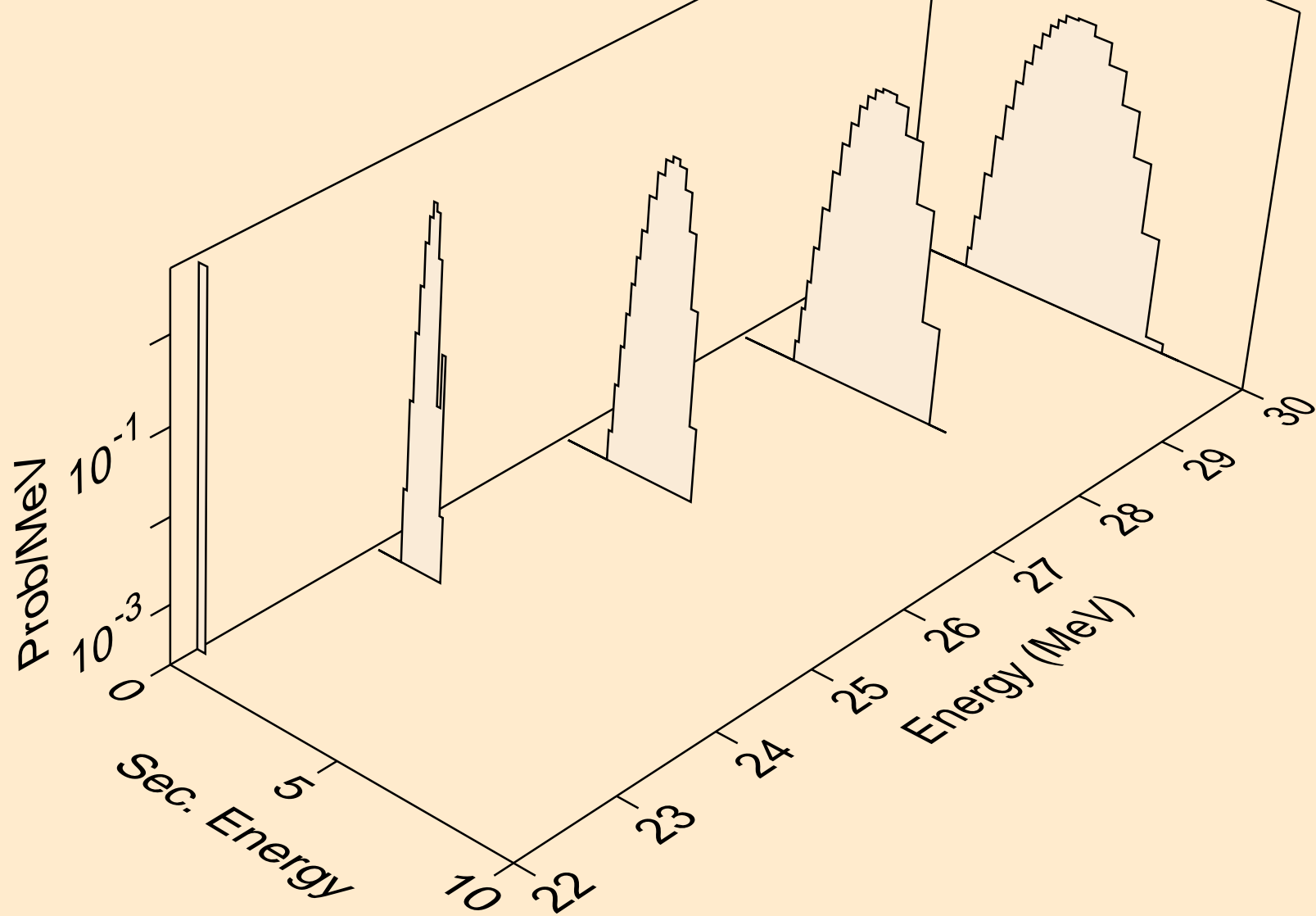


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protons from (n,2np)

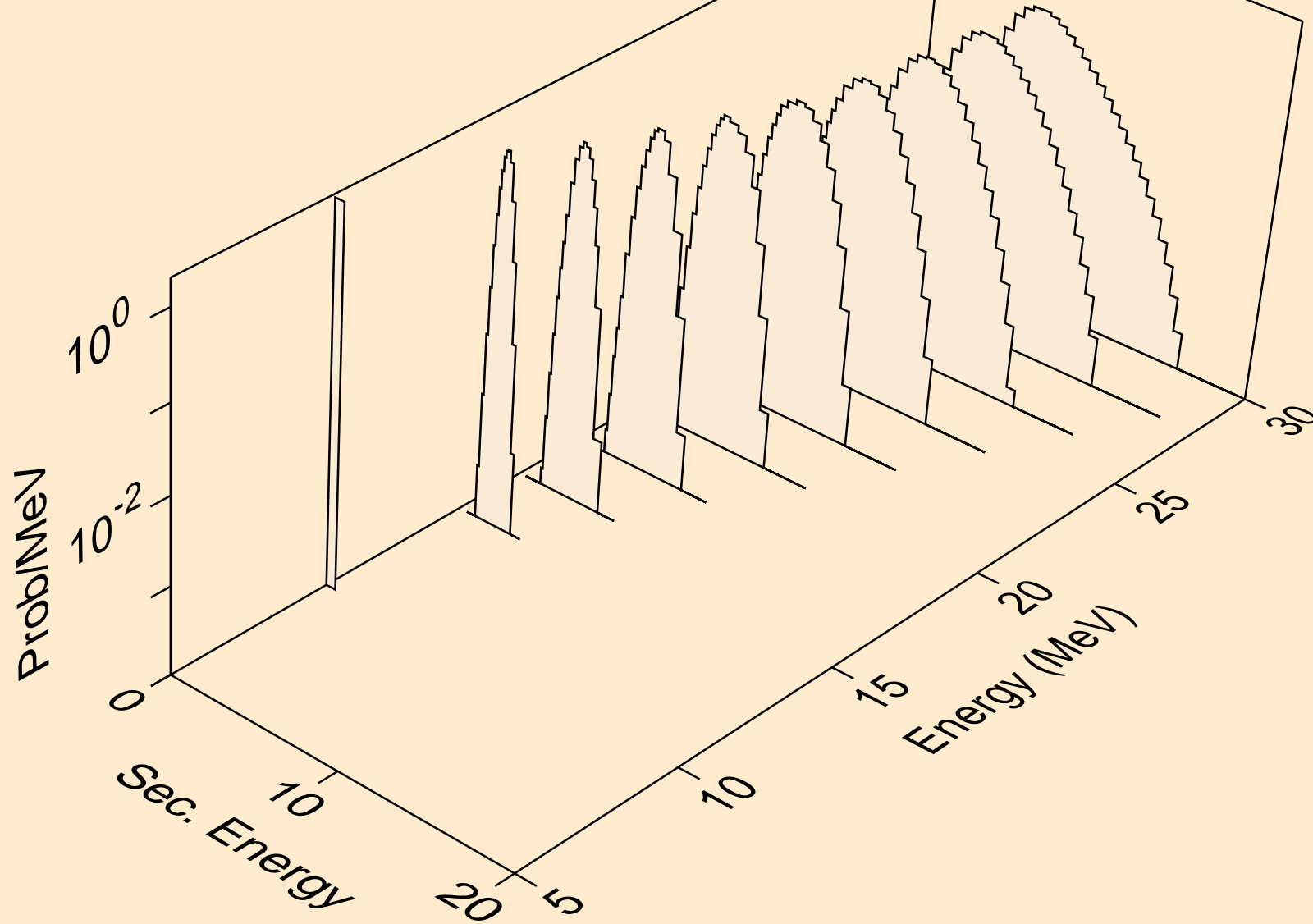




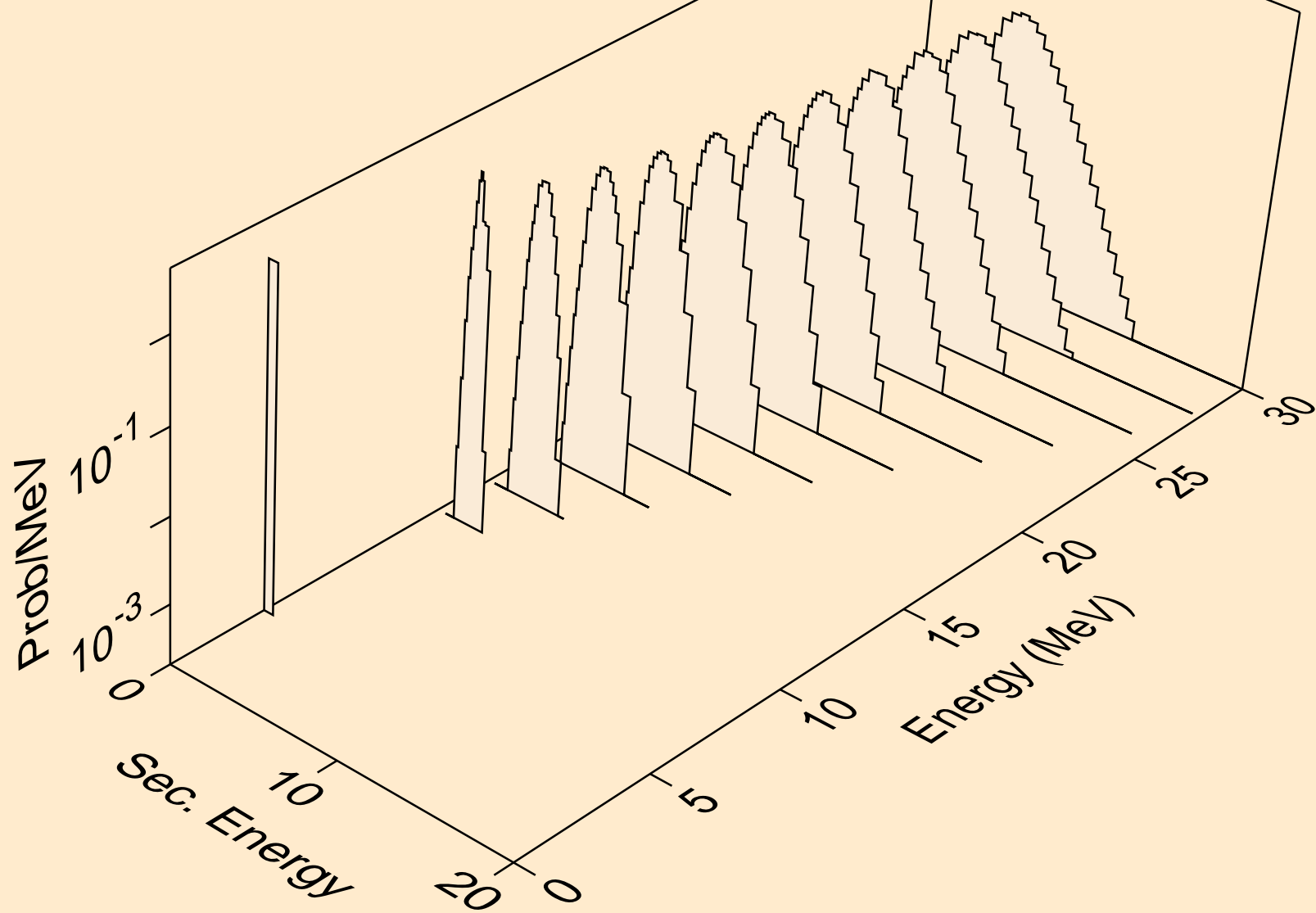
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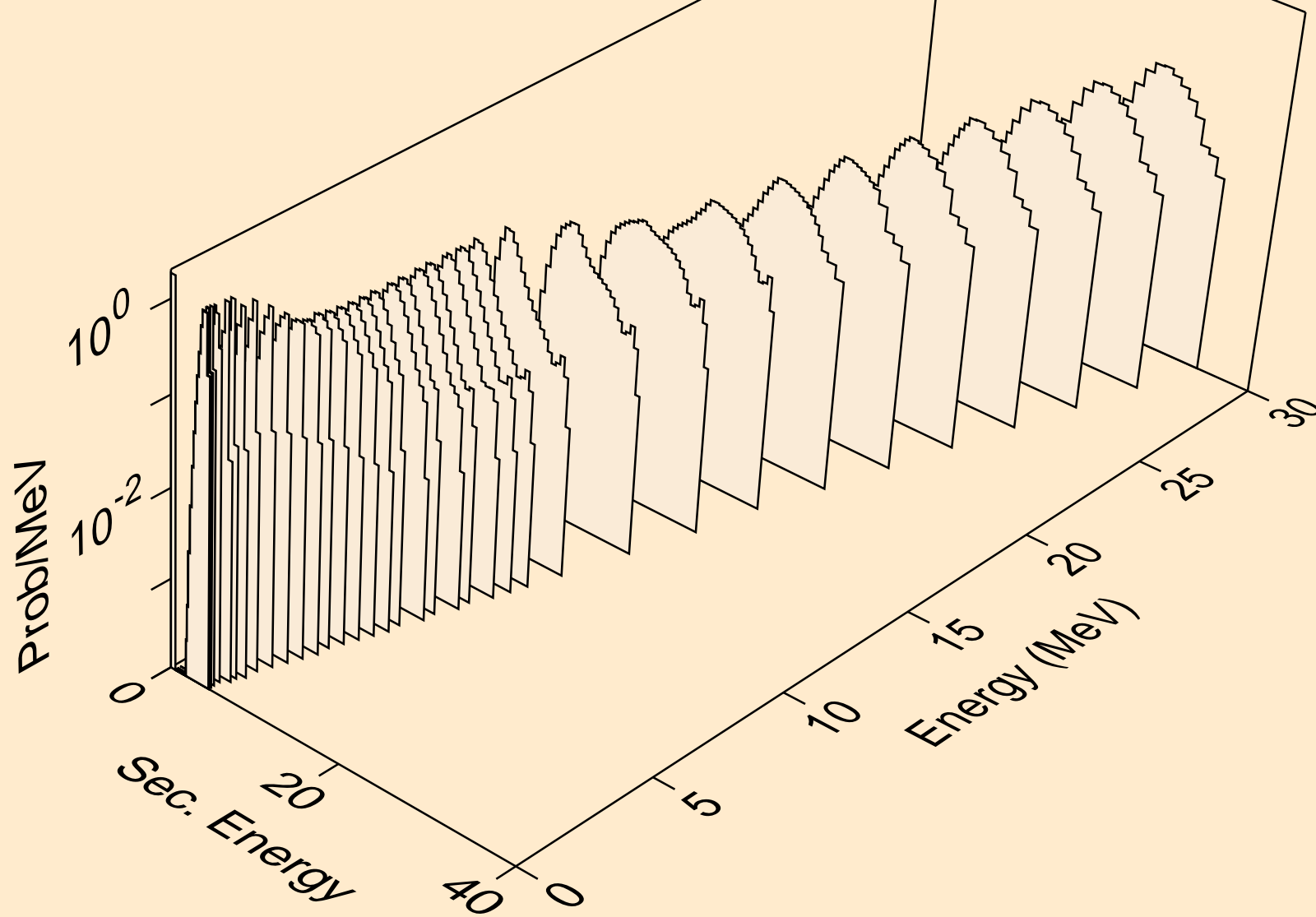
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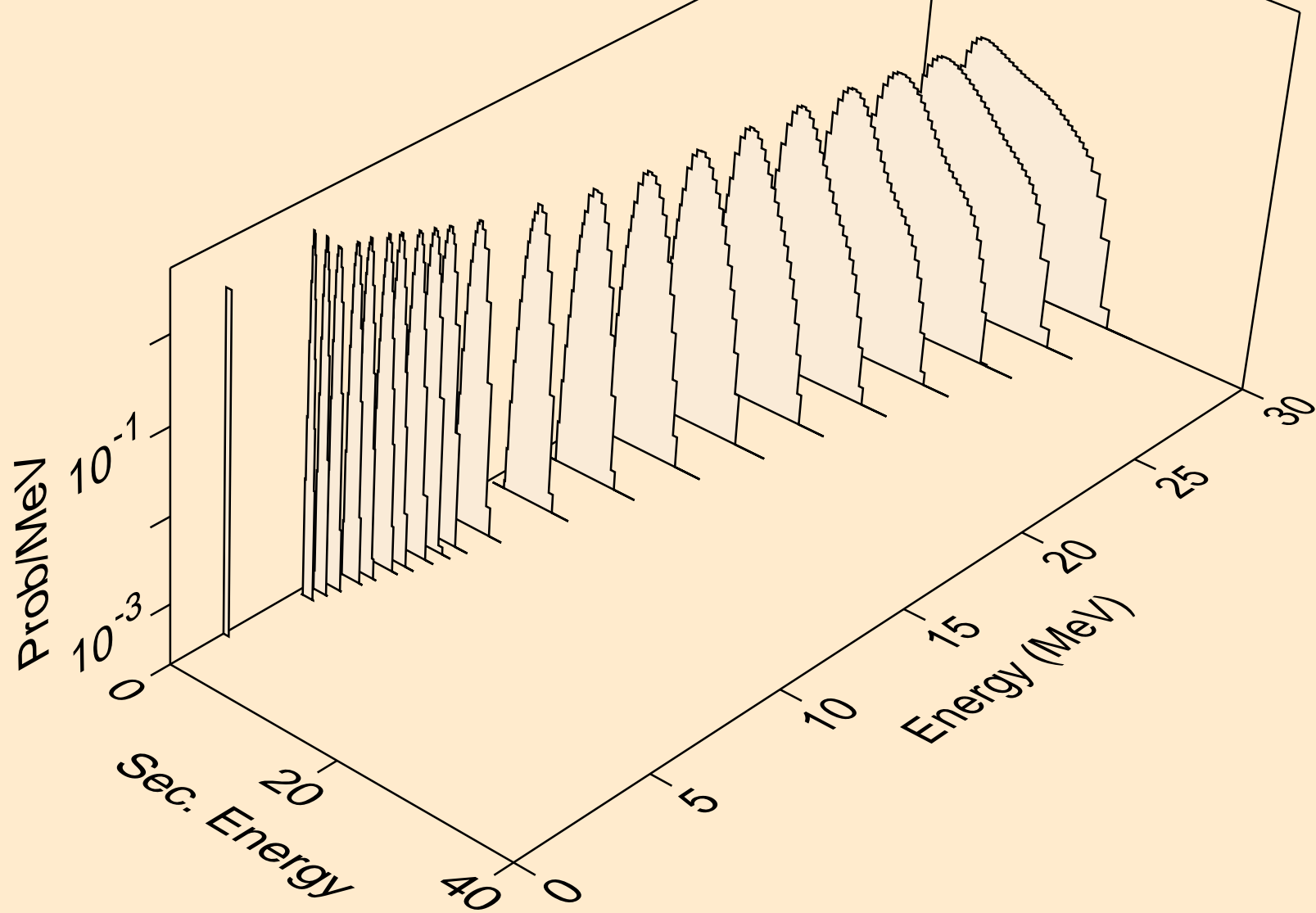
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protons from (n,npa)



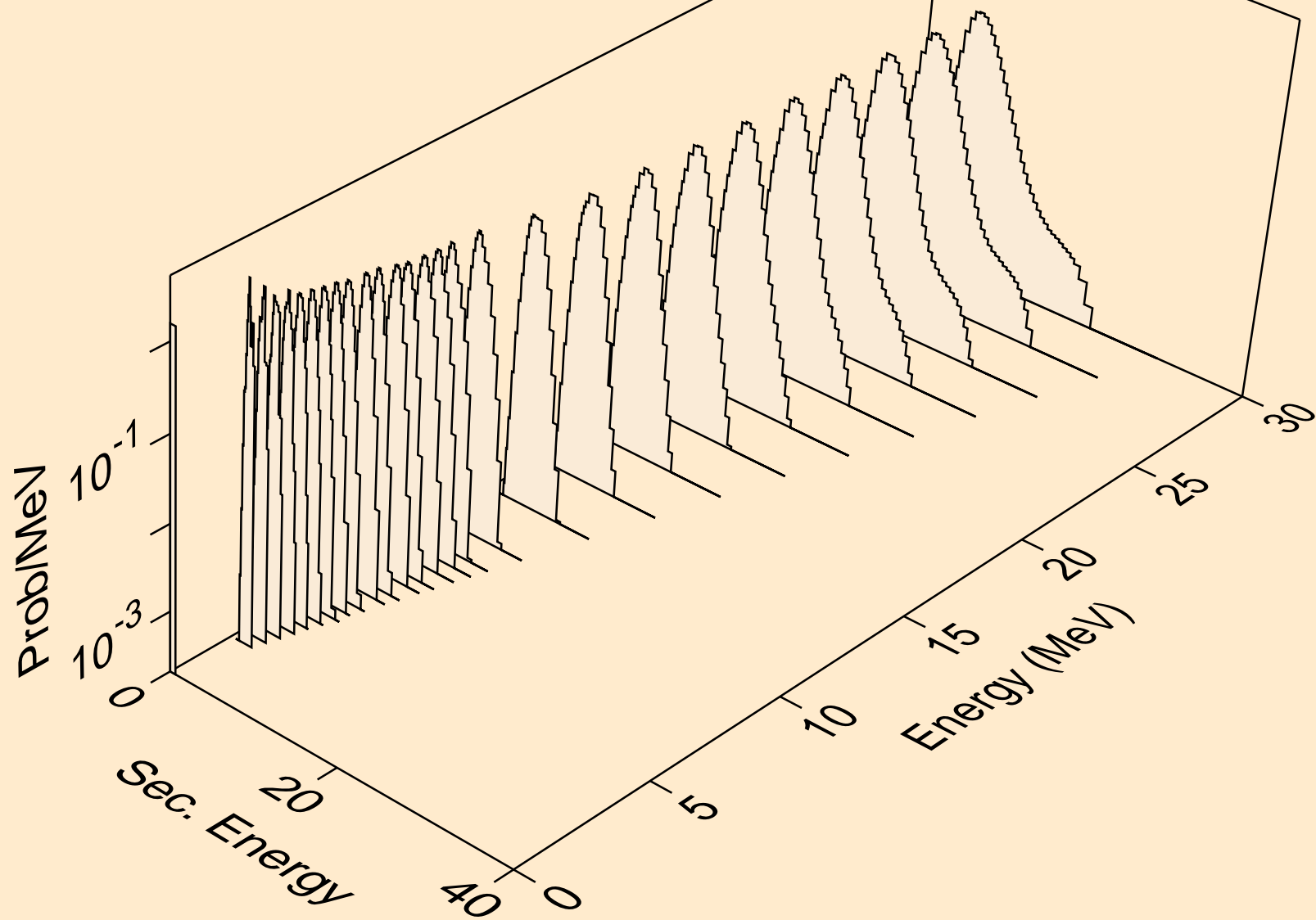
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protons from (n,p)



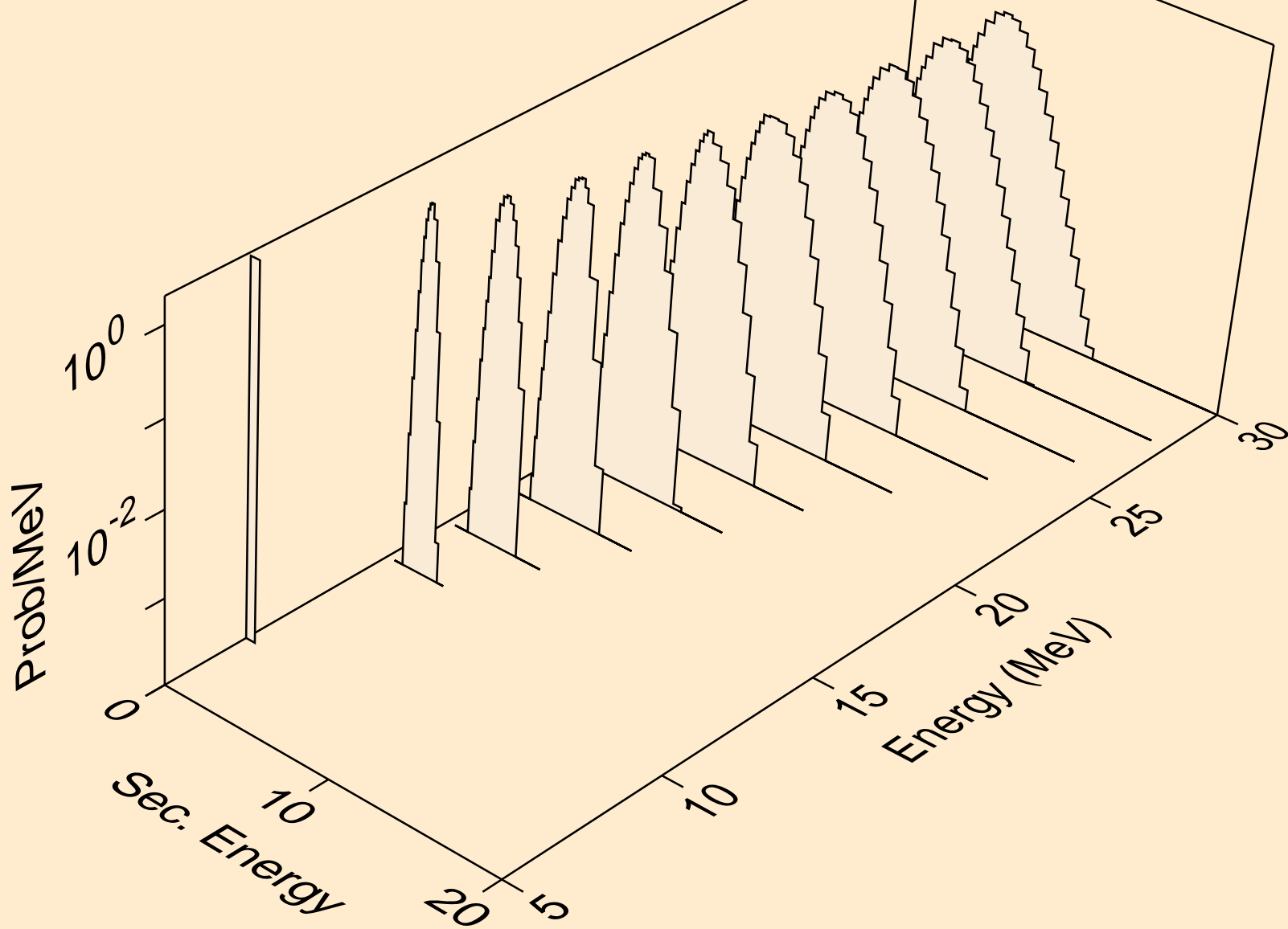
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protons from (n,2p)



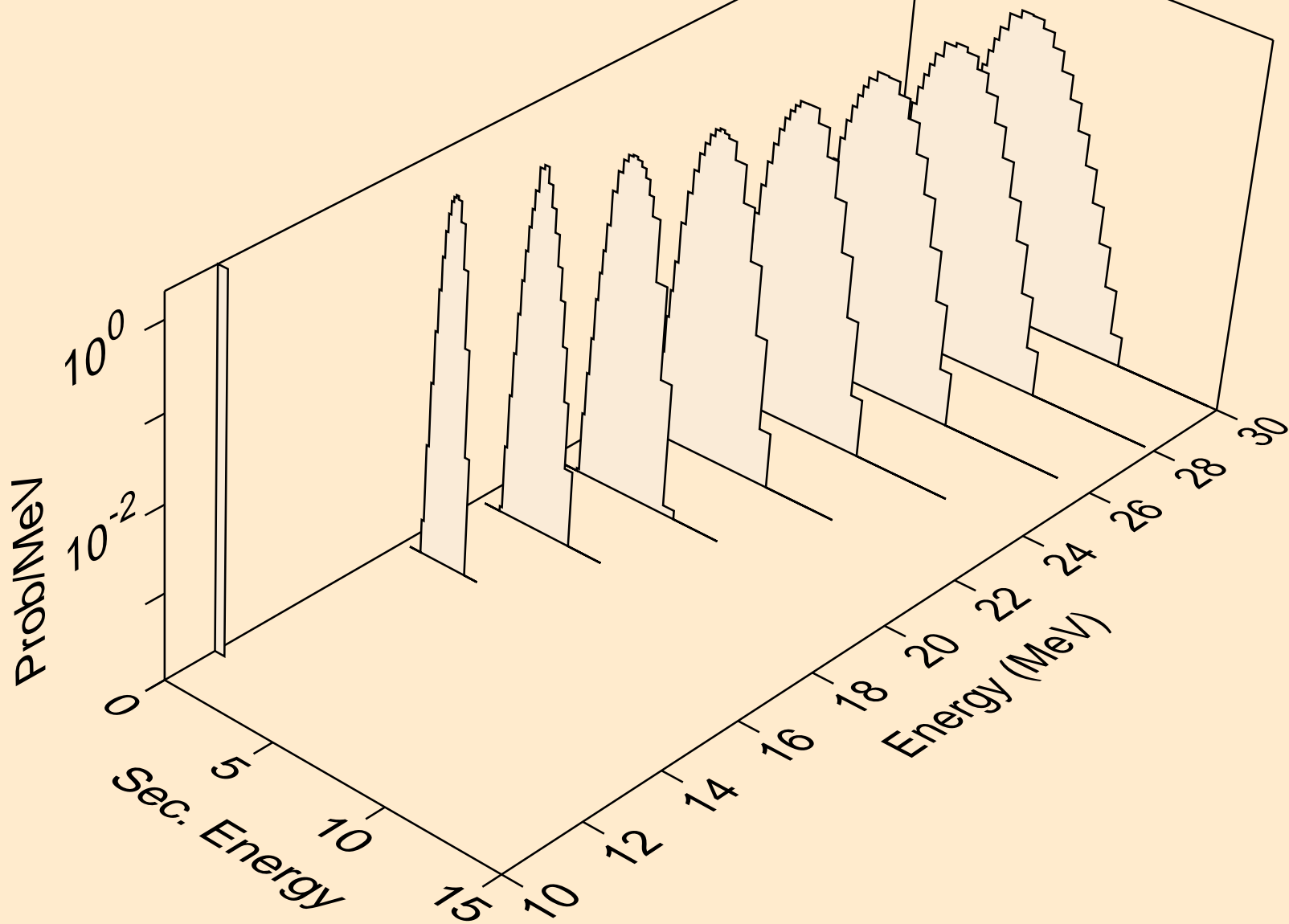
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protons from (n,p)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)

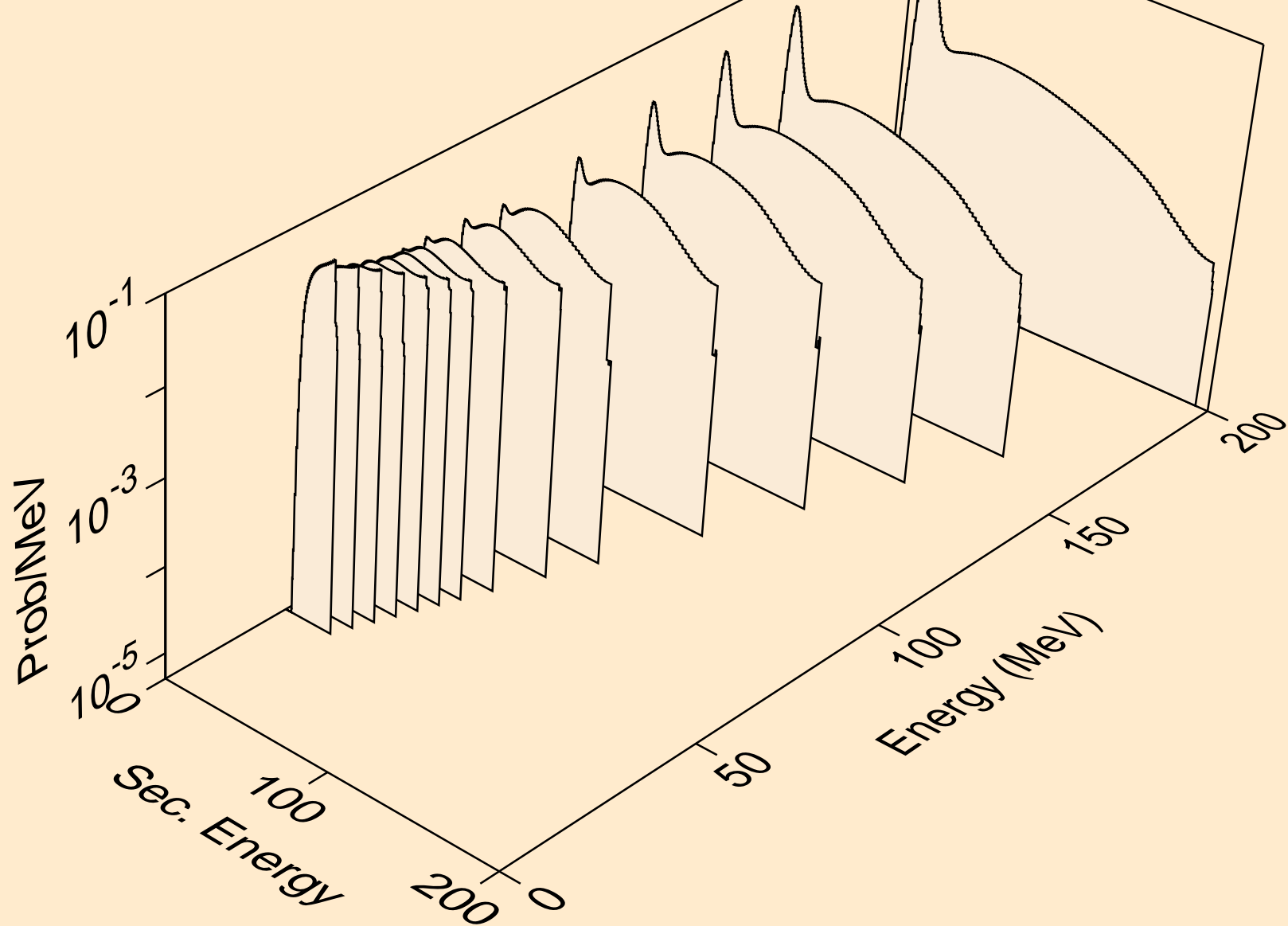


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protons from (n,pt)

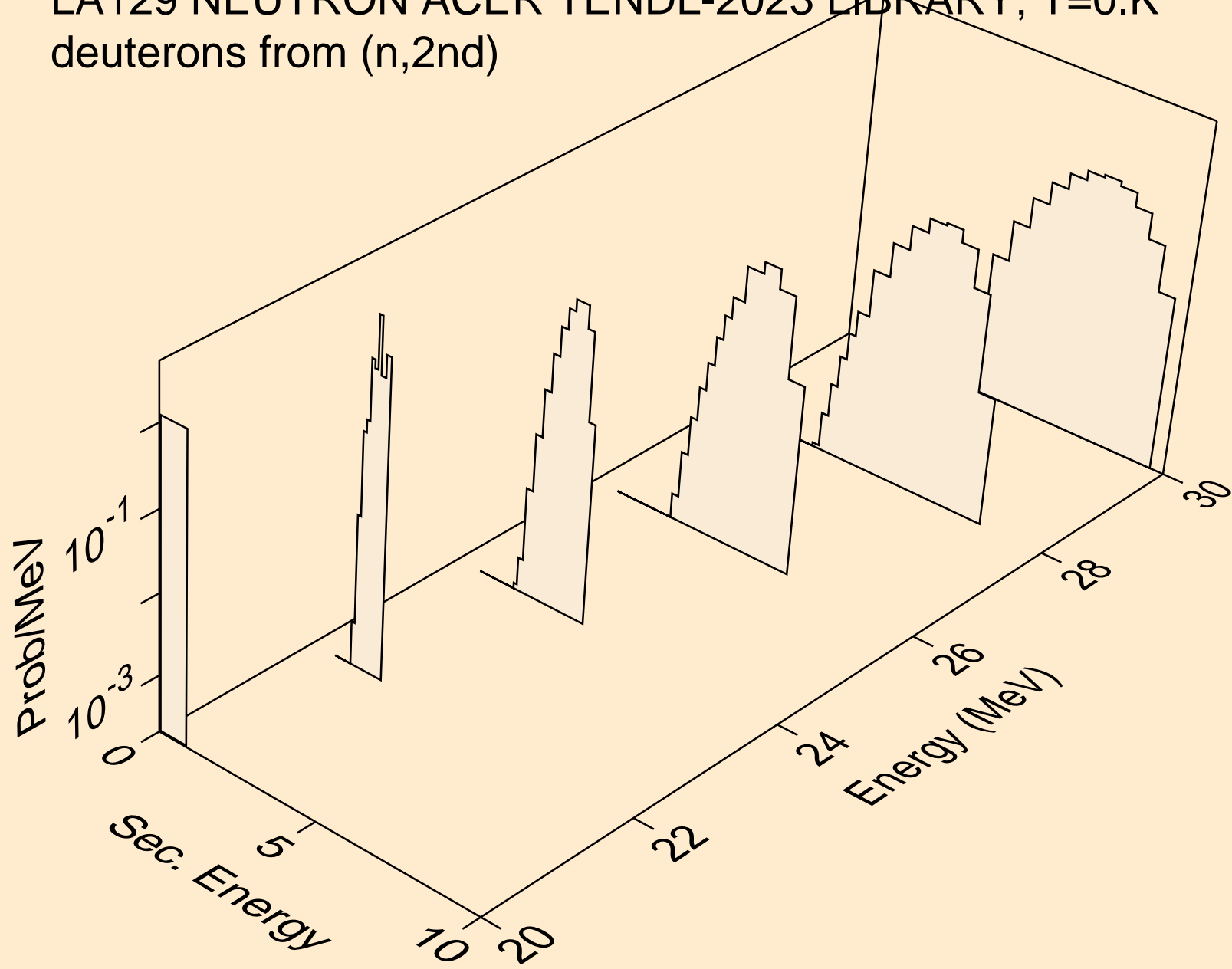




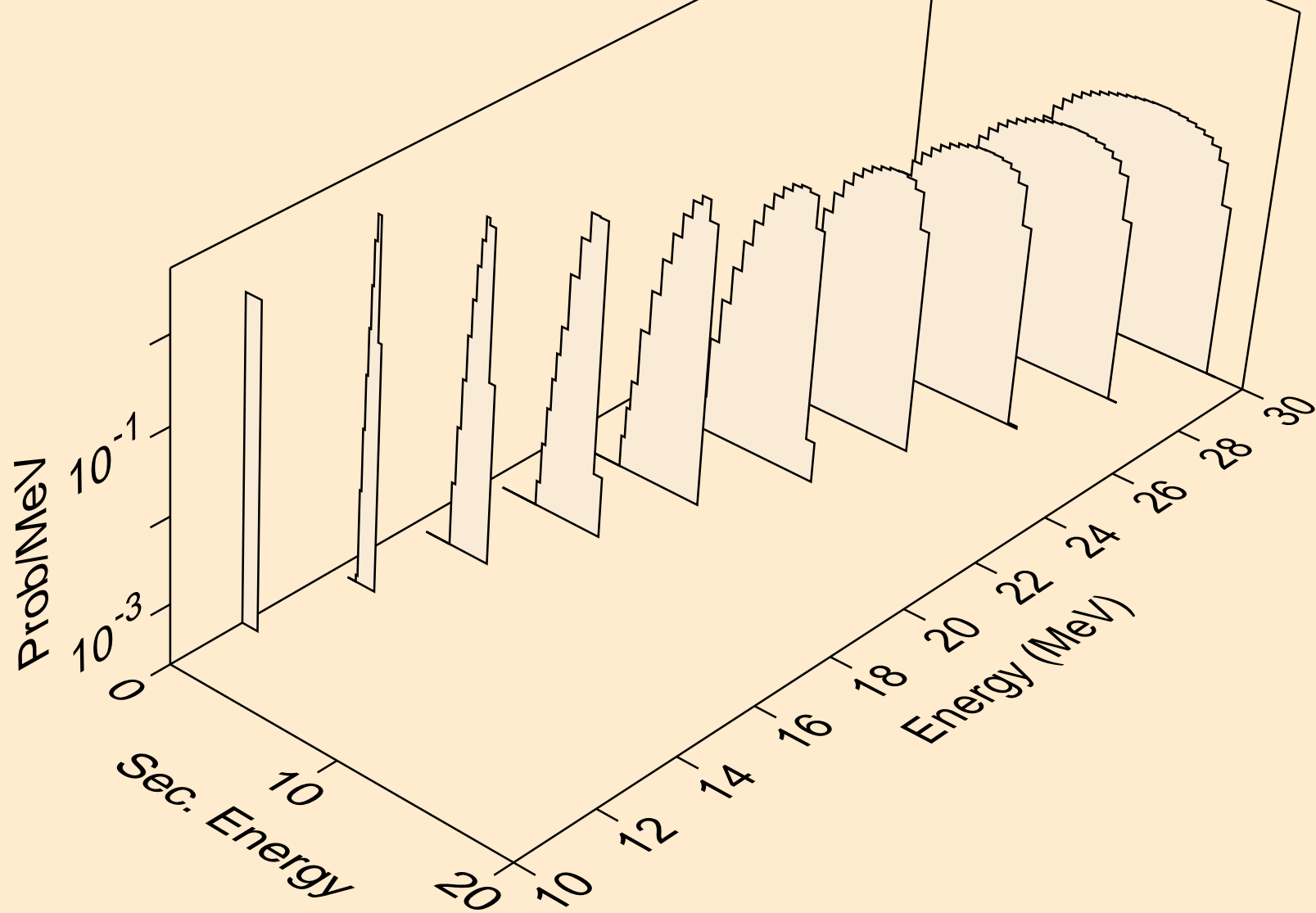
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deuterons from (n,x)



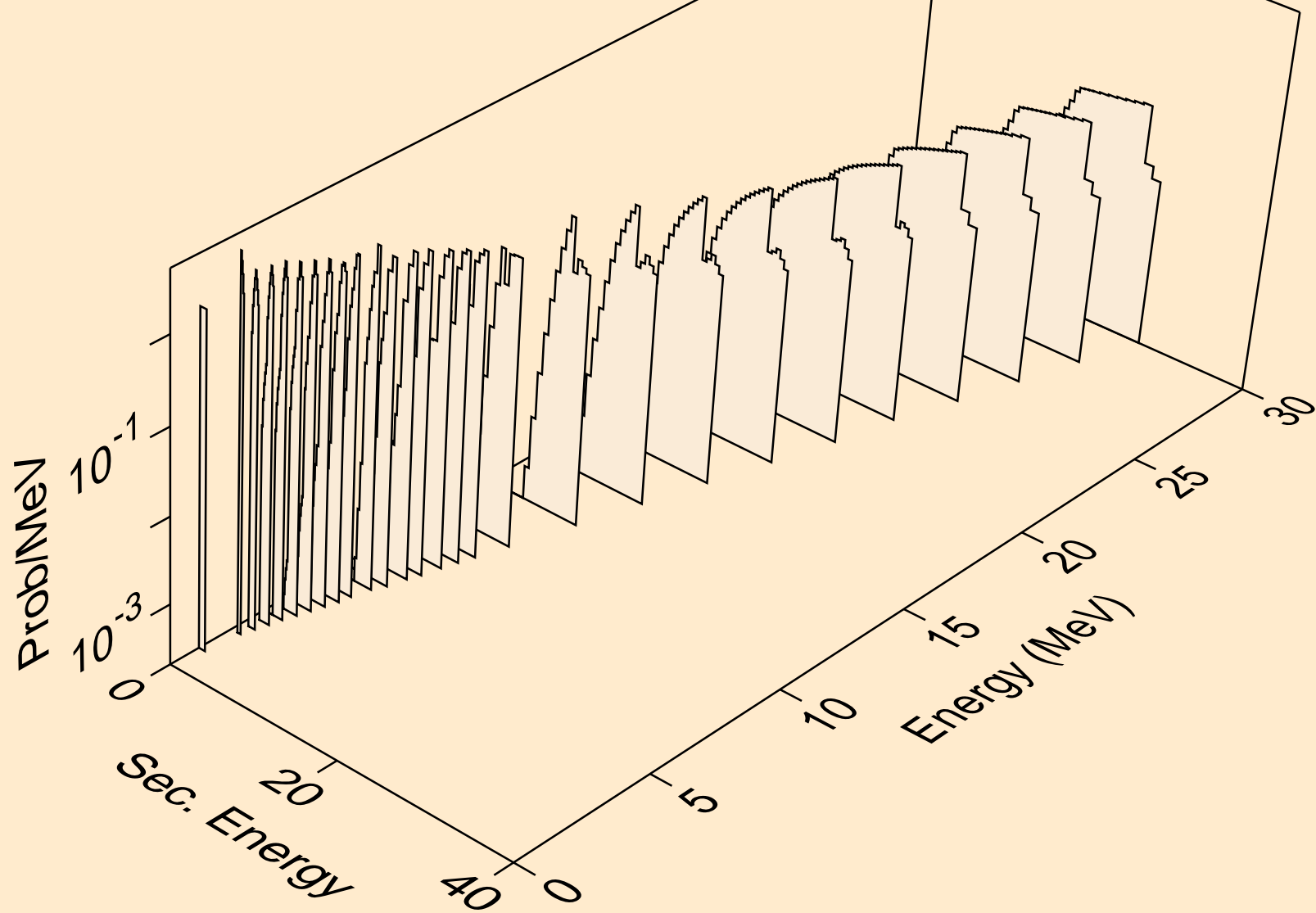
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deuterons from (n,2nd)



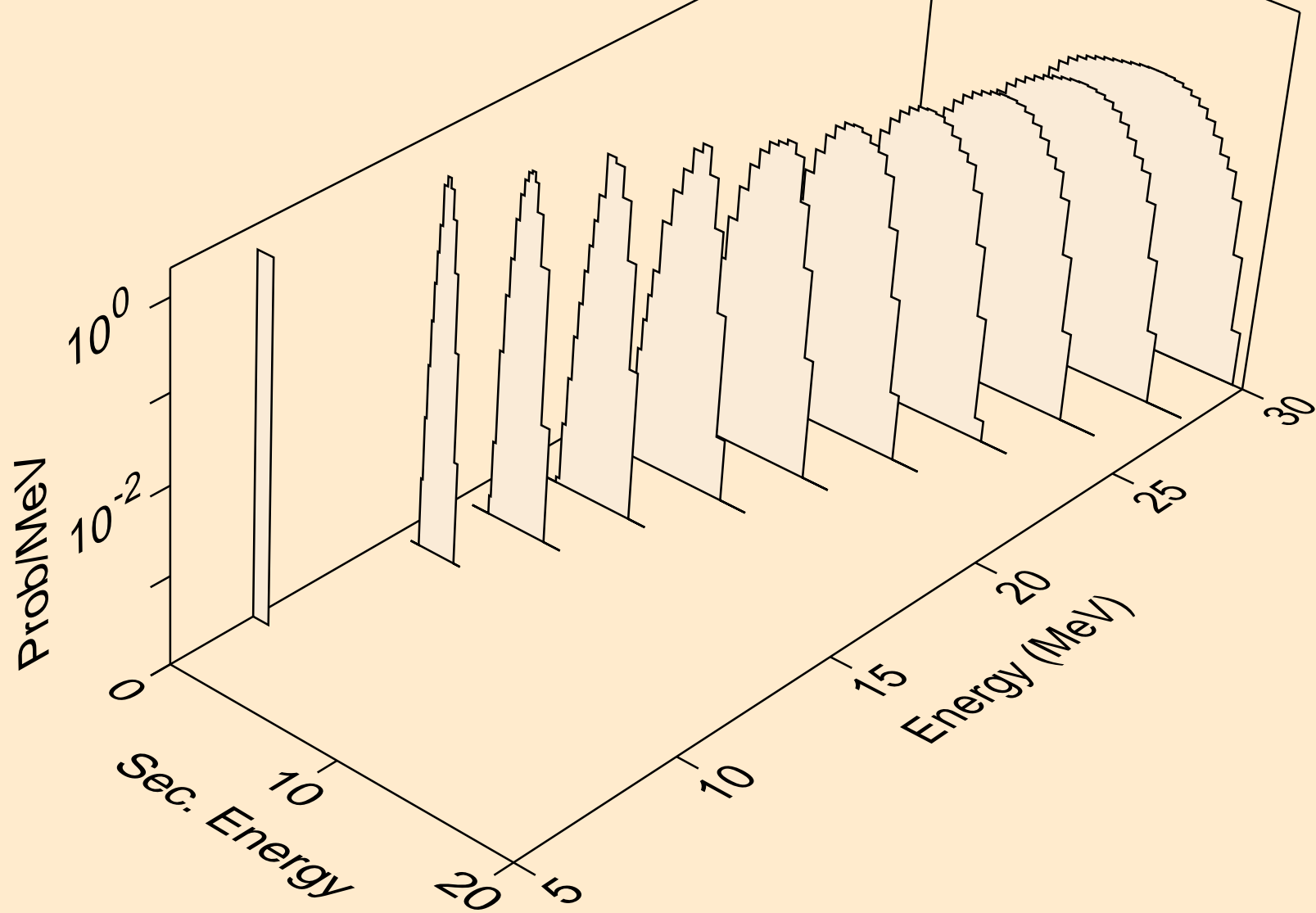
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deuterons from (n,n\*)d



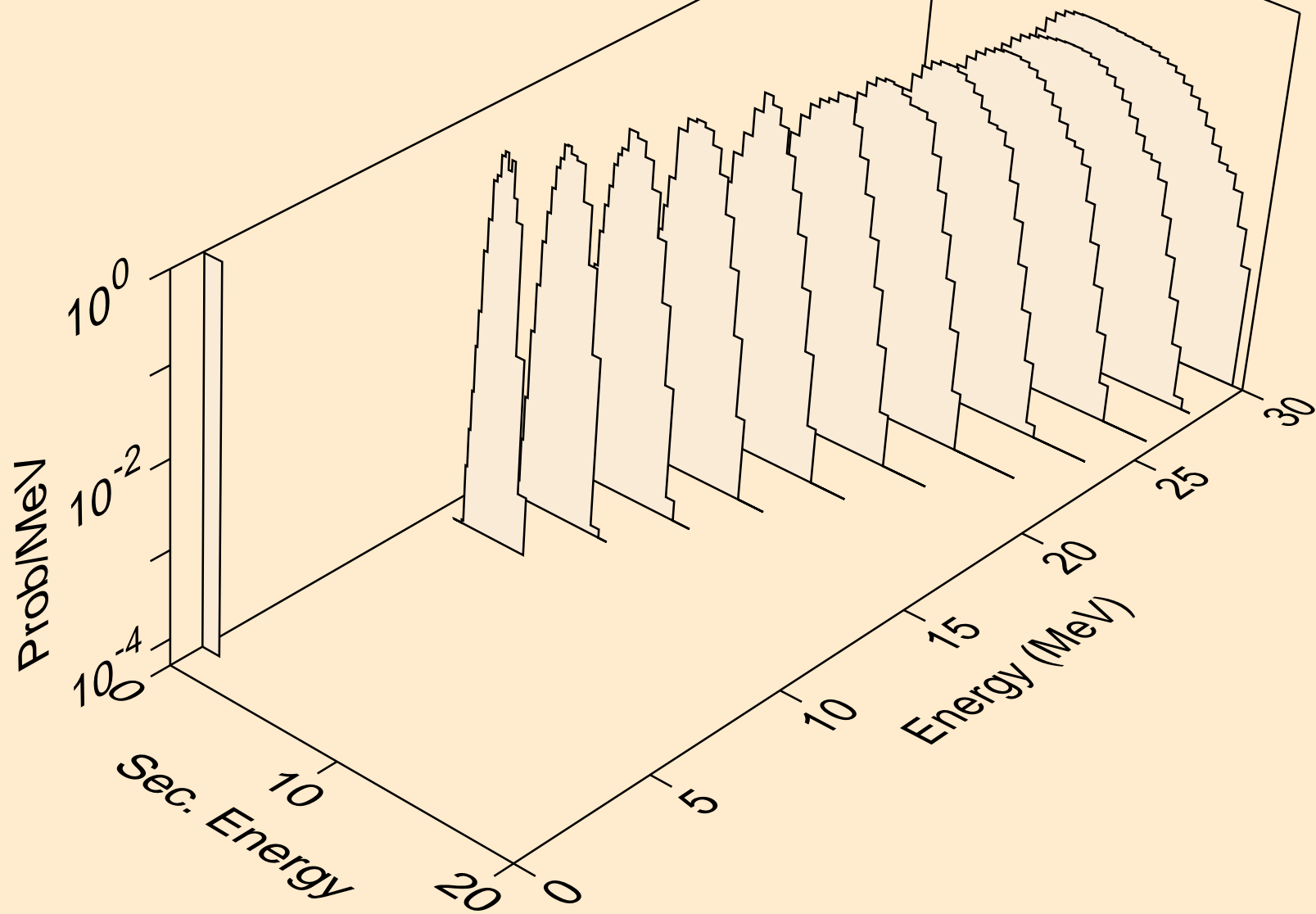
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deuterons from (n,d)



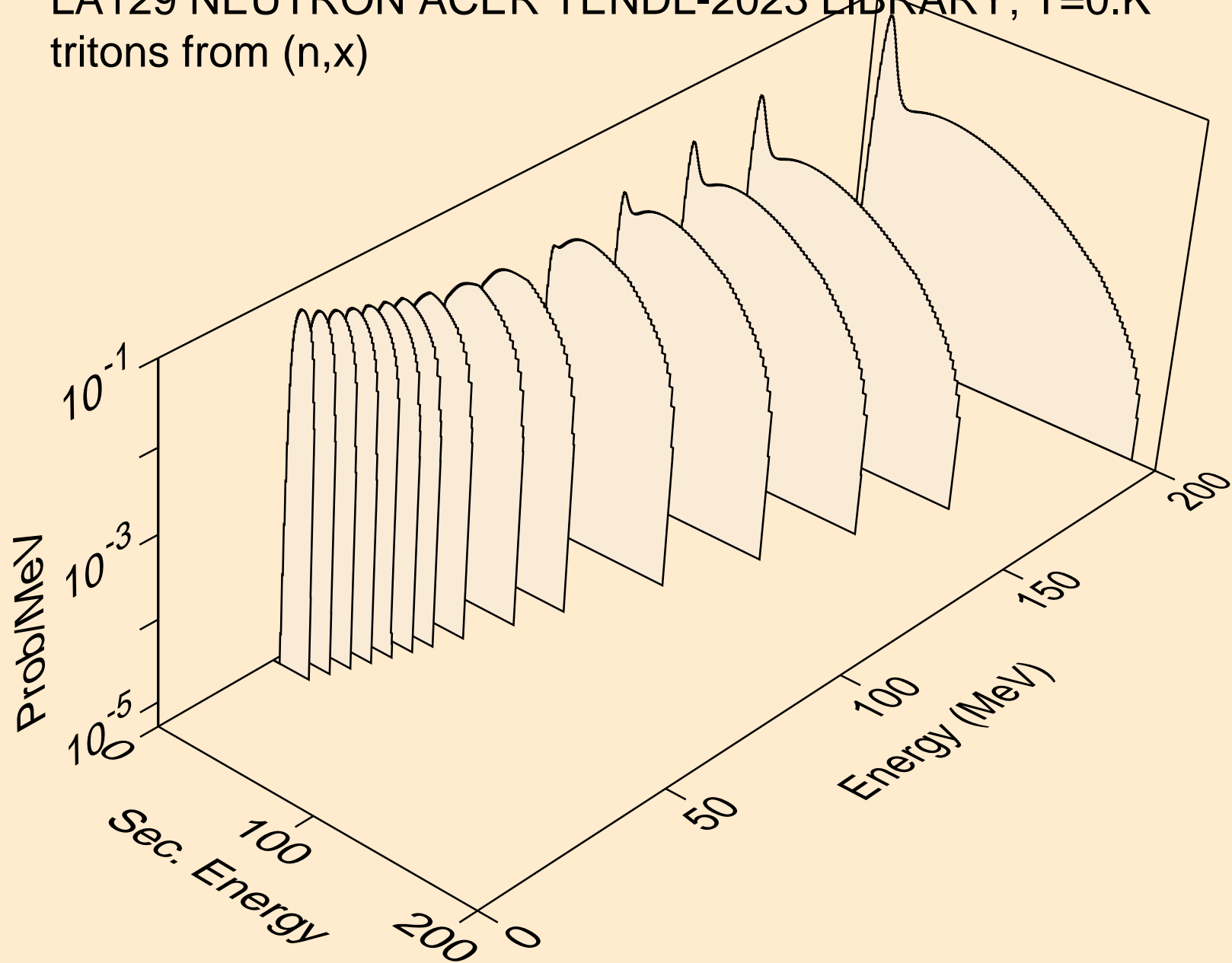
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deuterons from (n,pd)



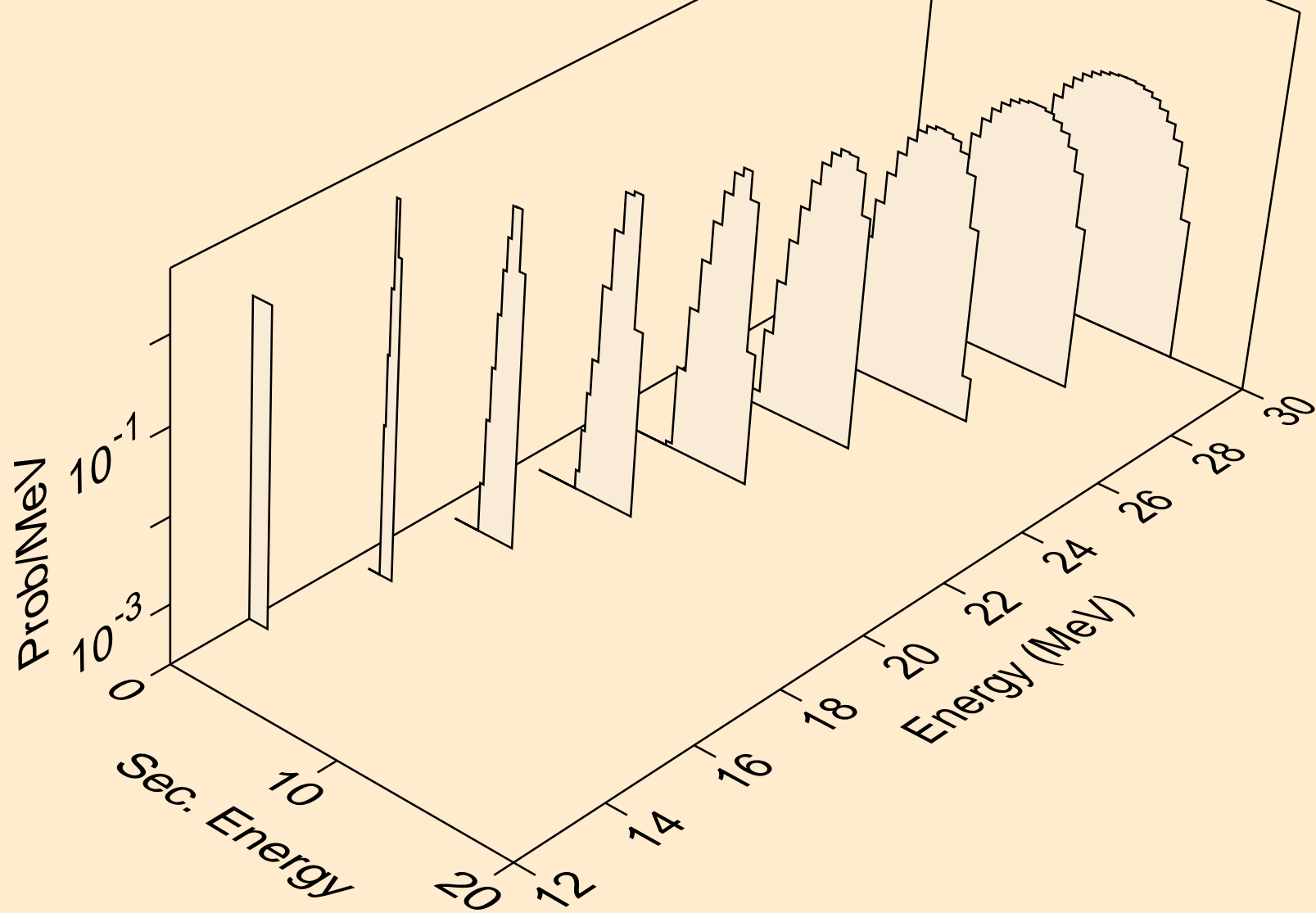
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

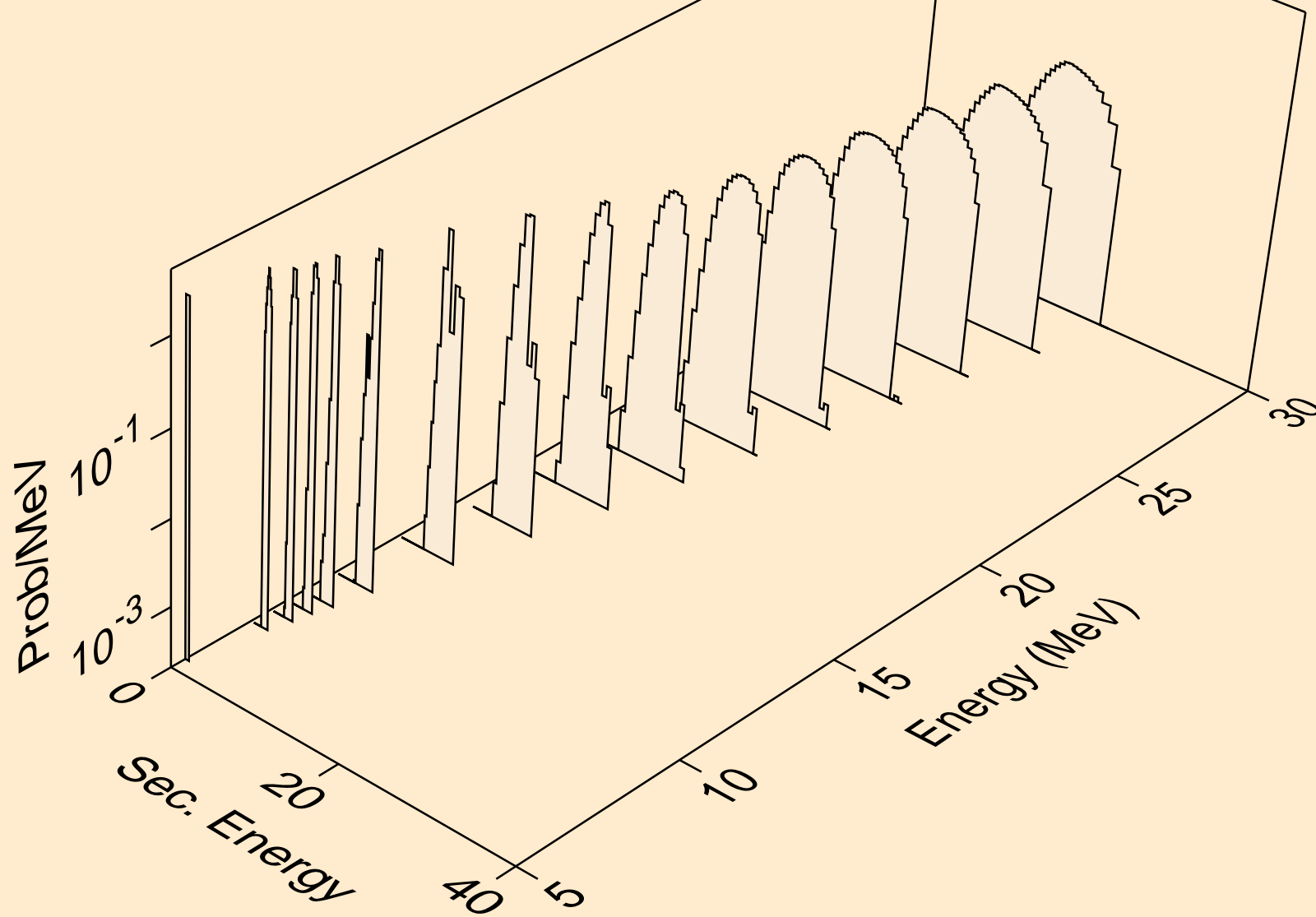


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tritons from (n,n\*)t

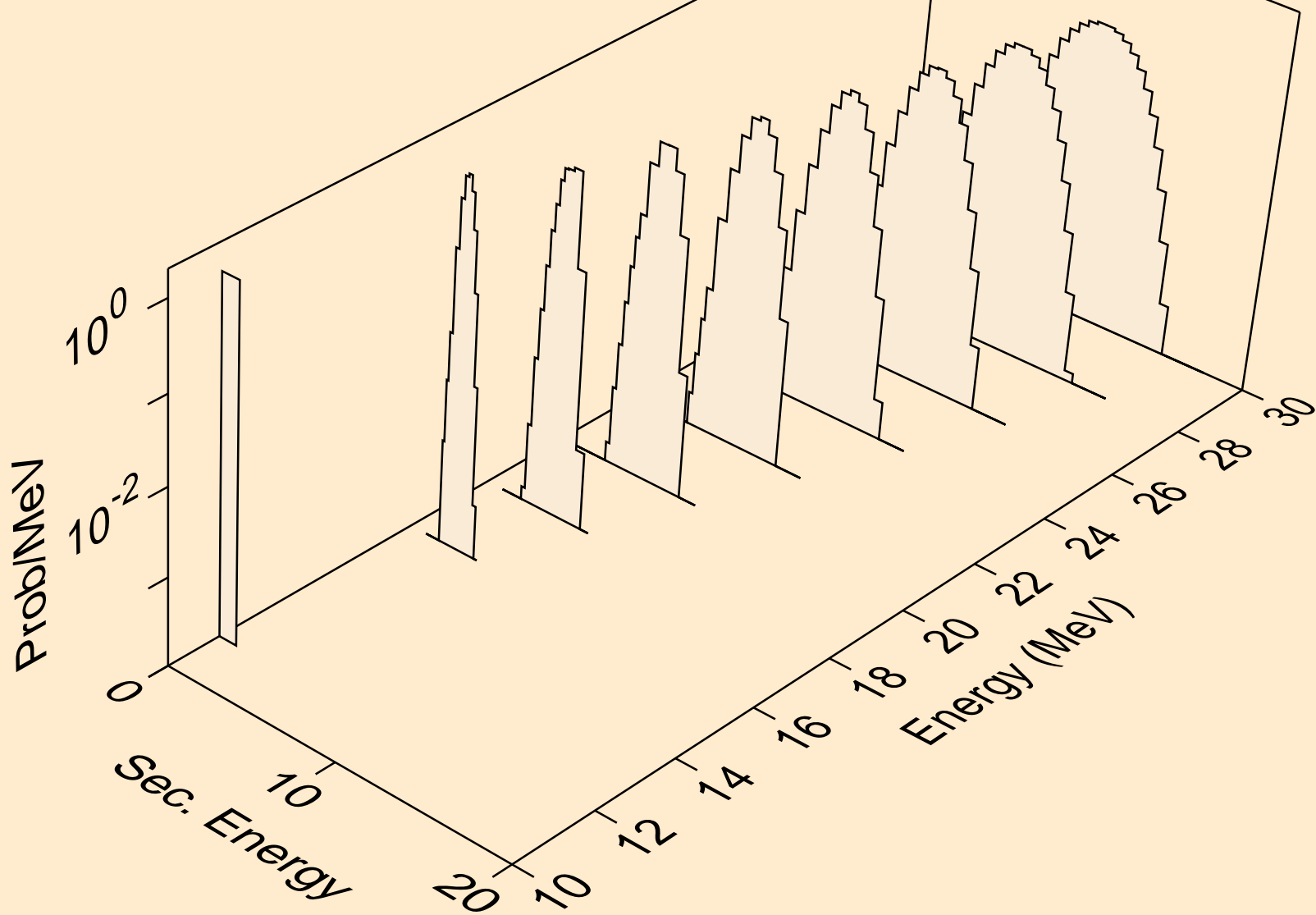




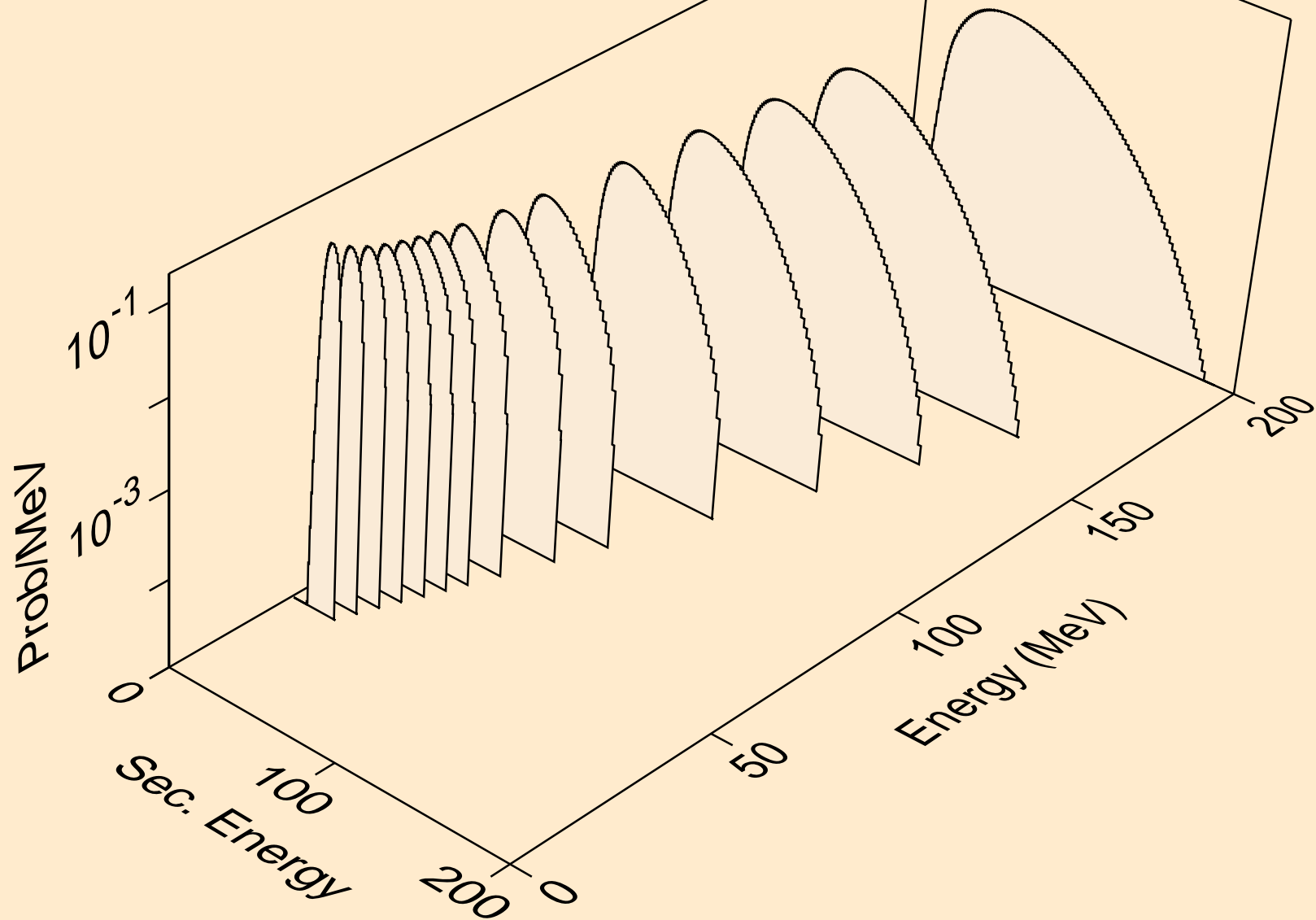
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tritons from (n,t)



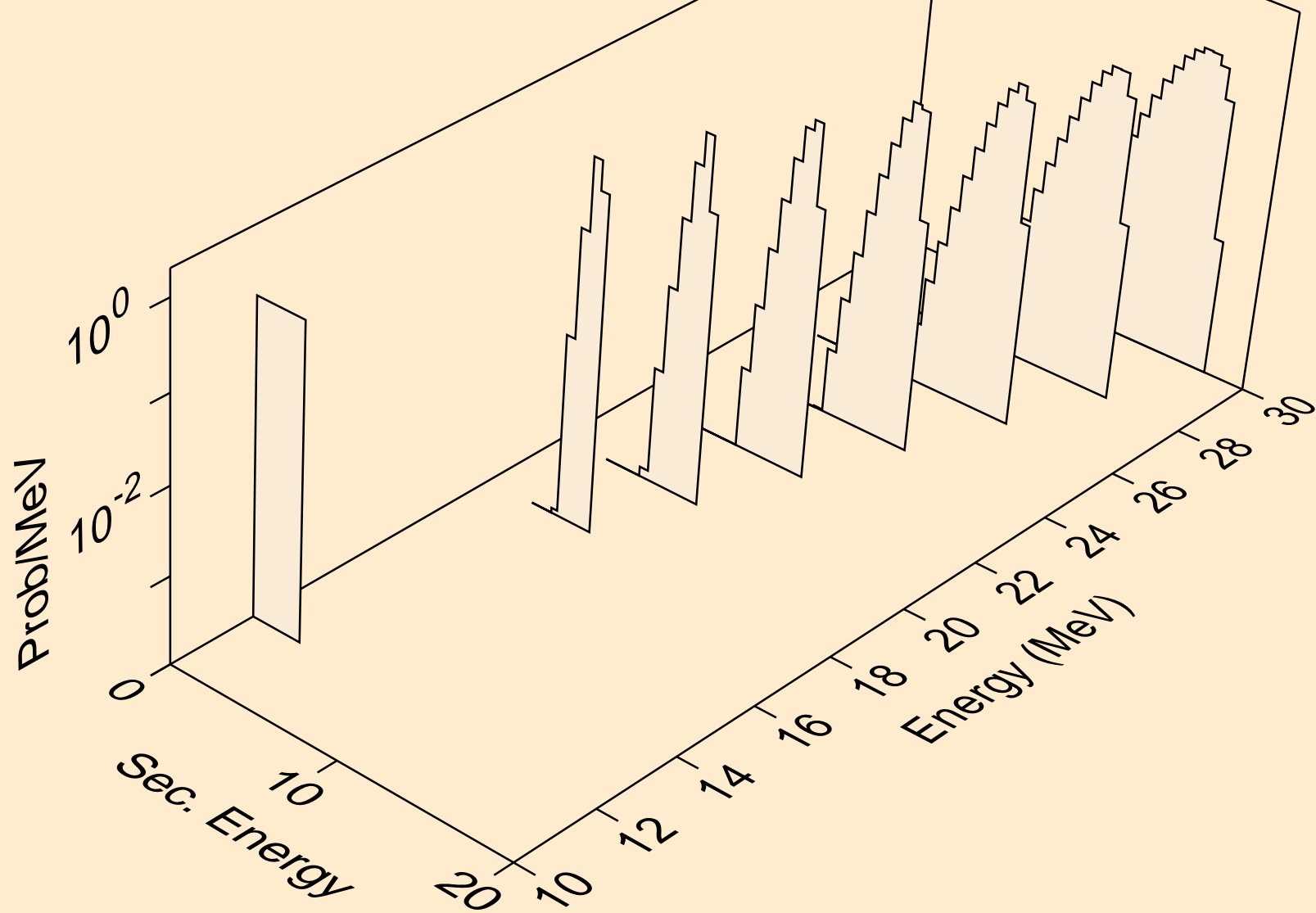
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tritons from (n,pt)



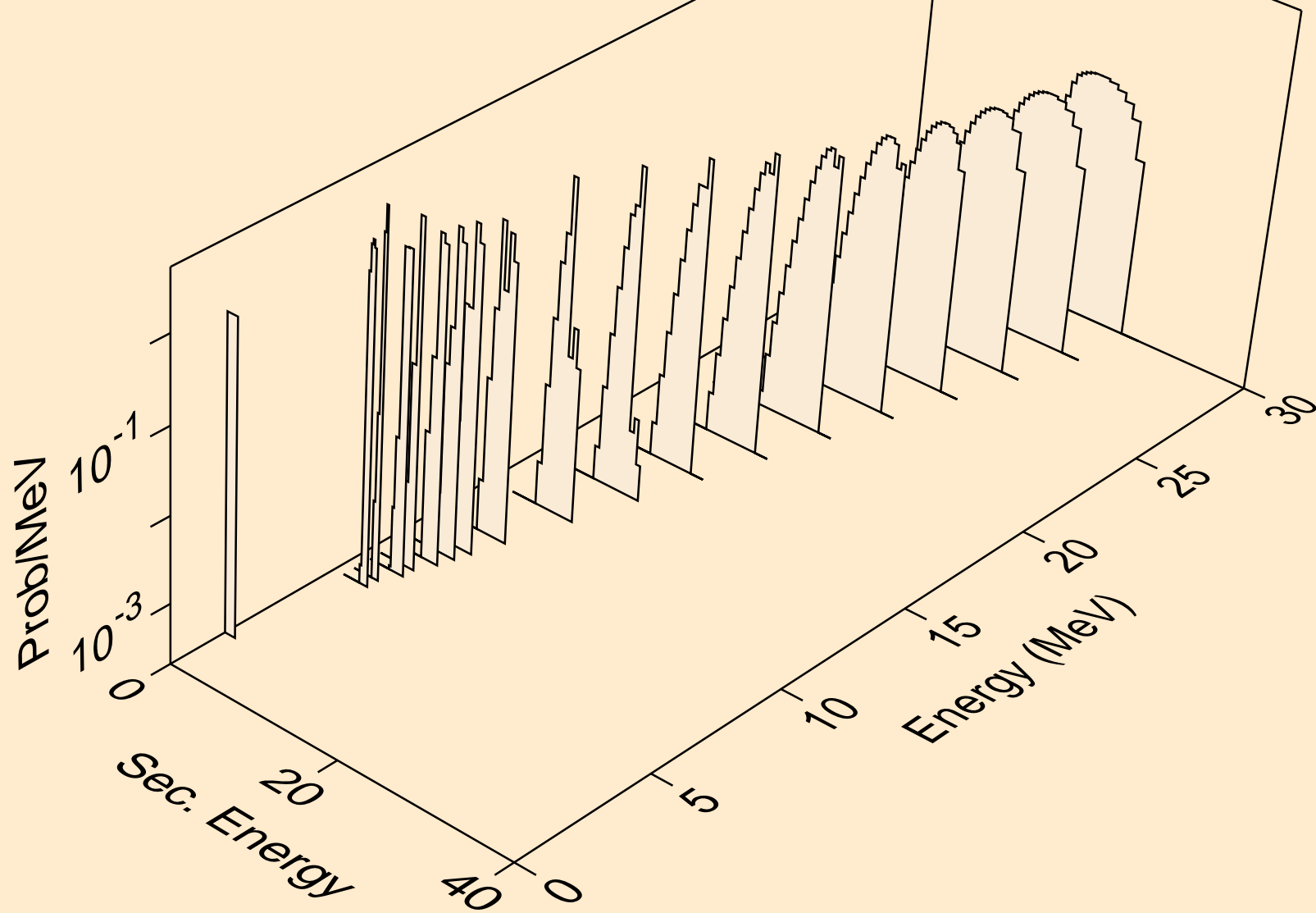
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



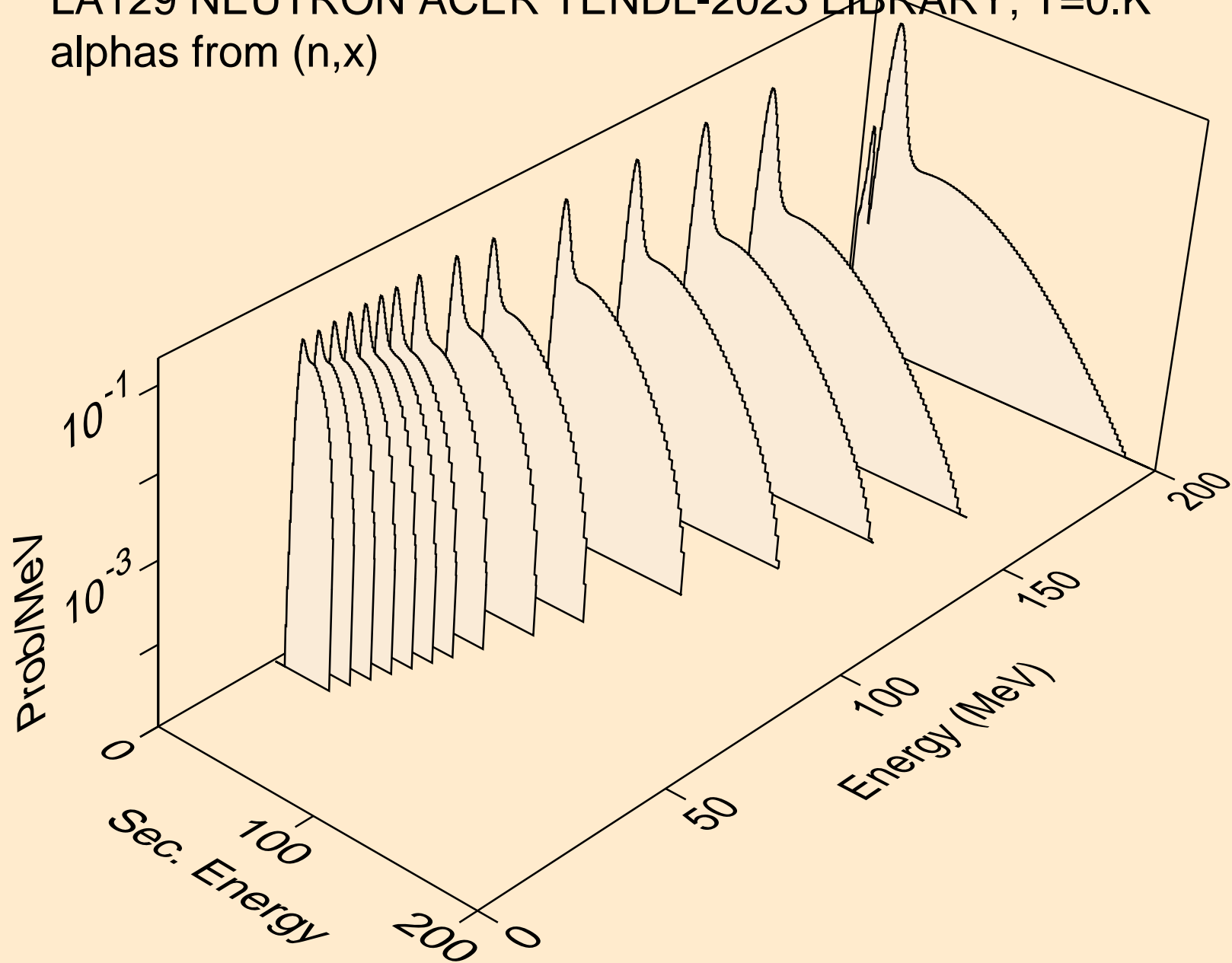
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he3s from (n,n\*)he3



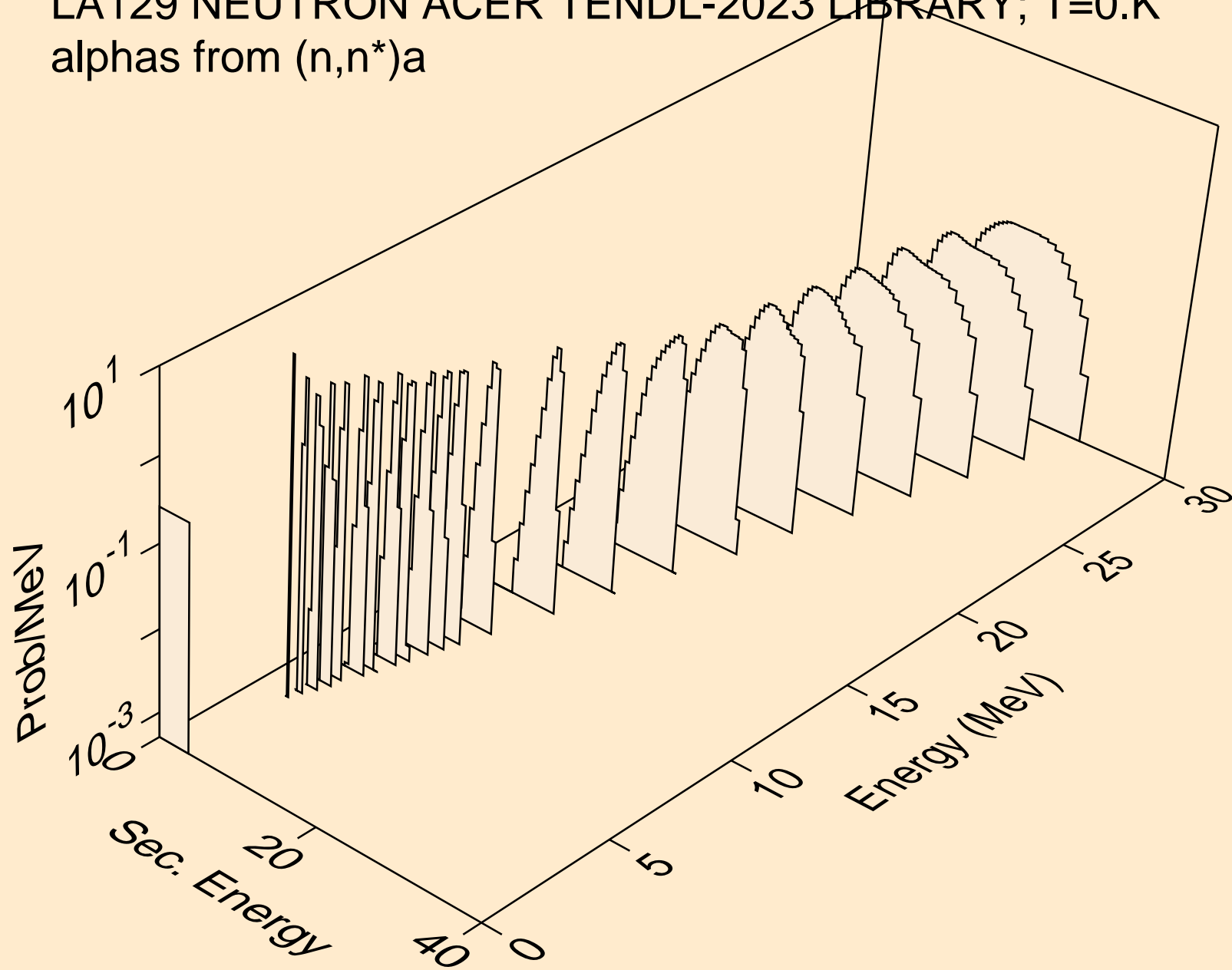
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he3s from (n,he3)



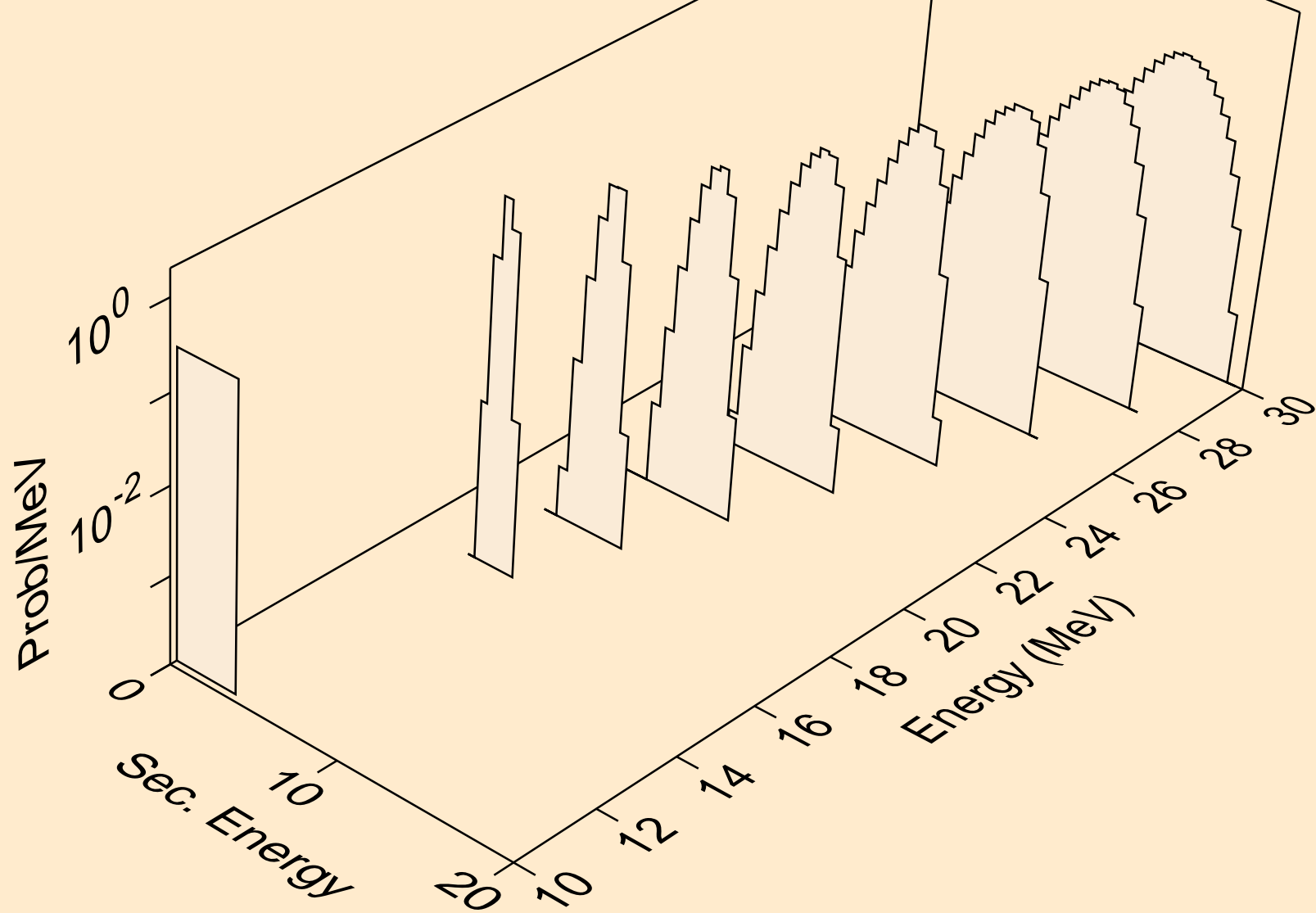
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

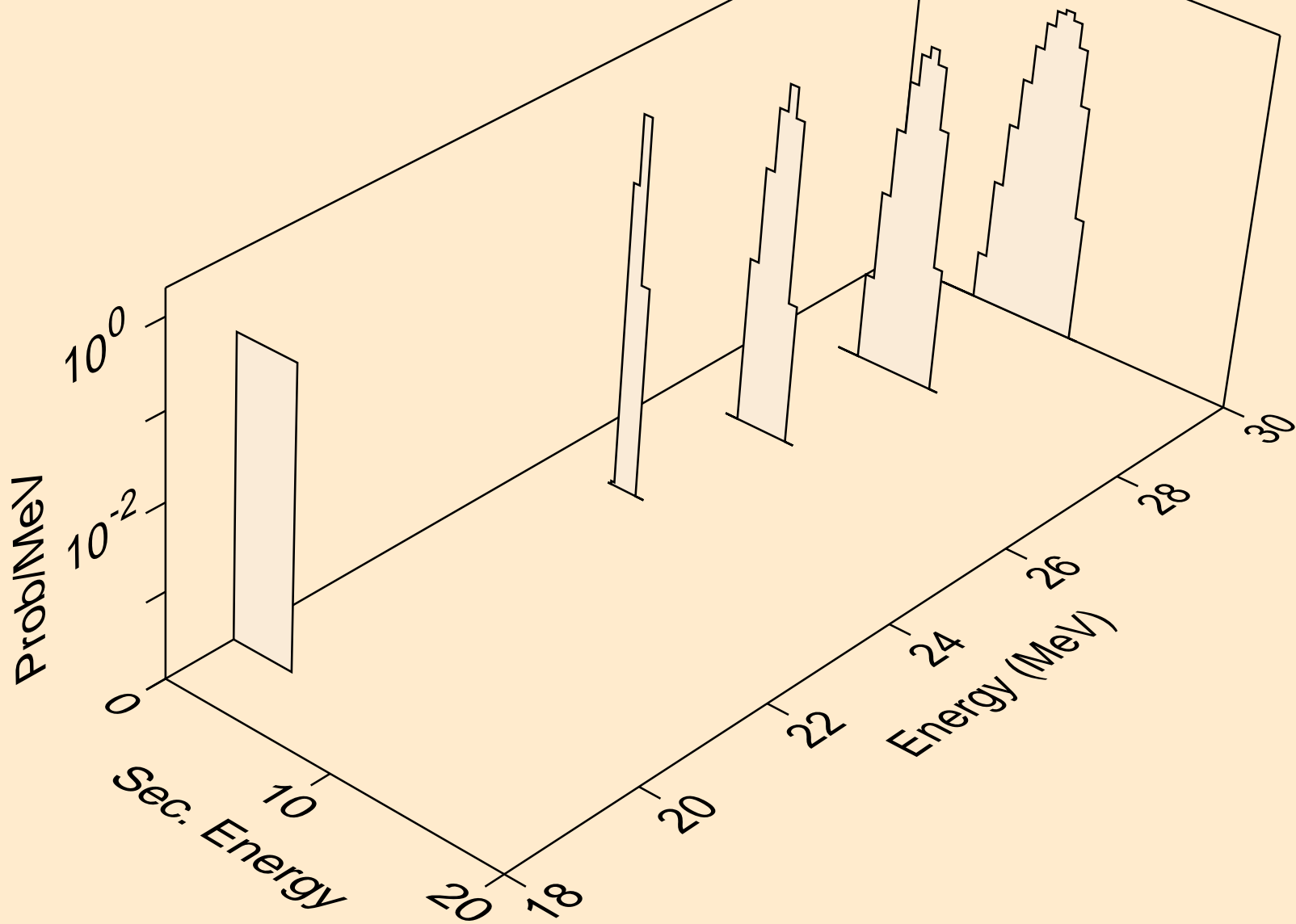


LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

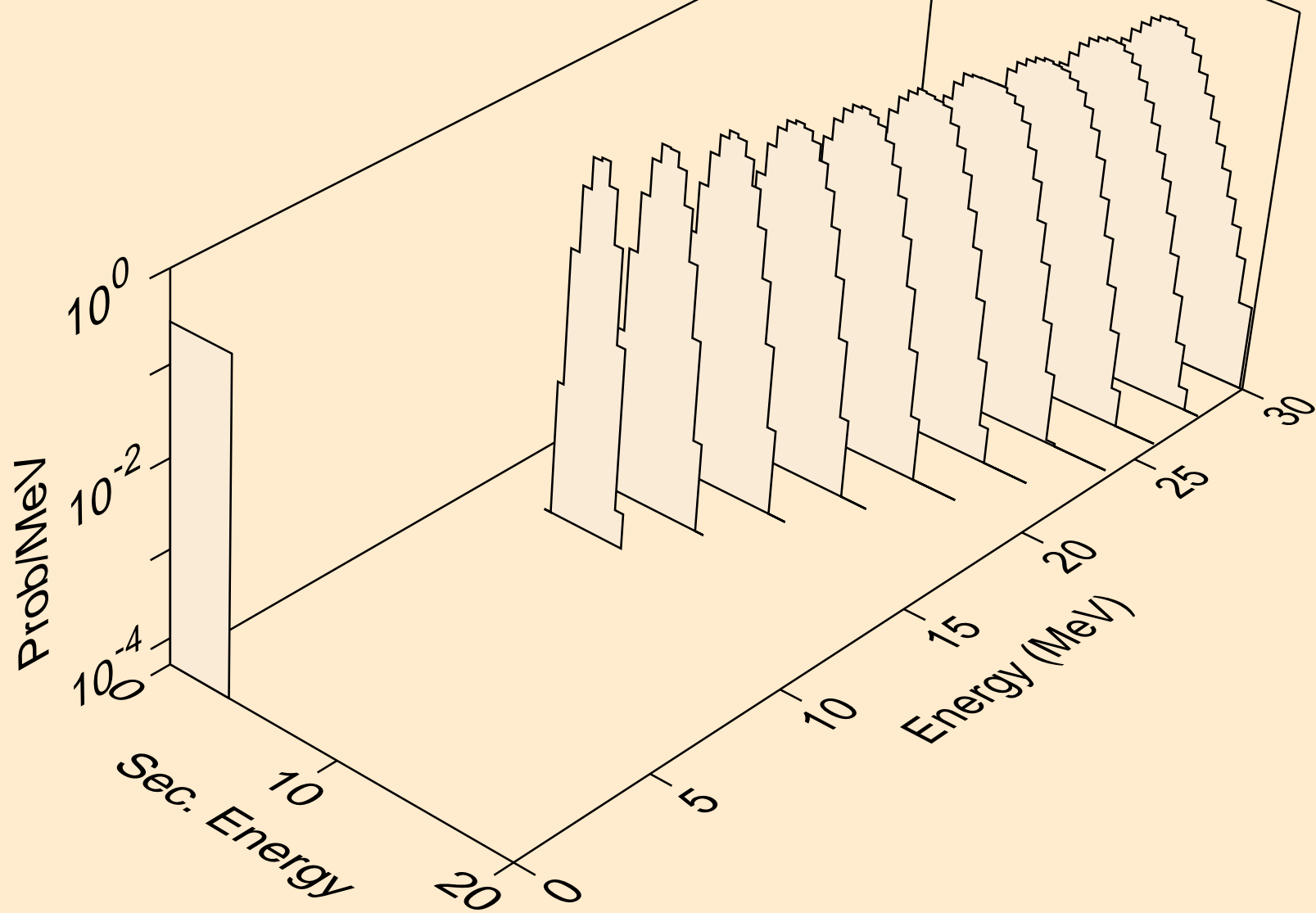




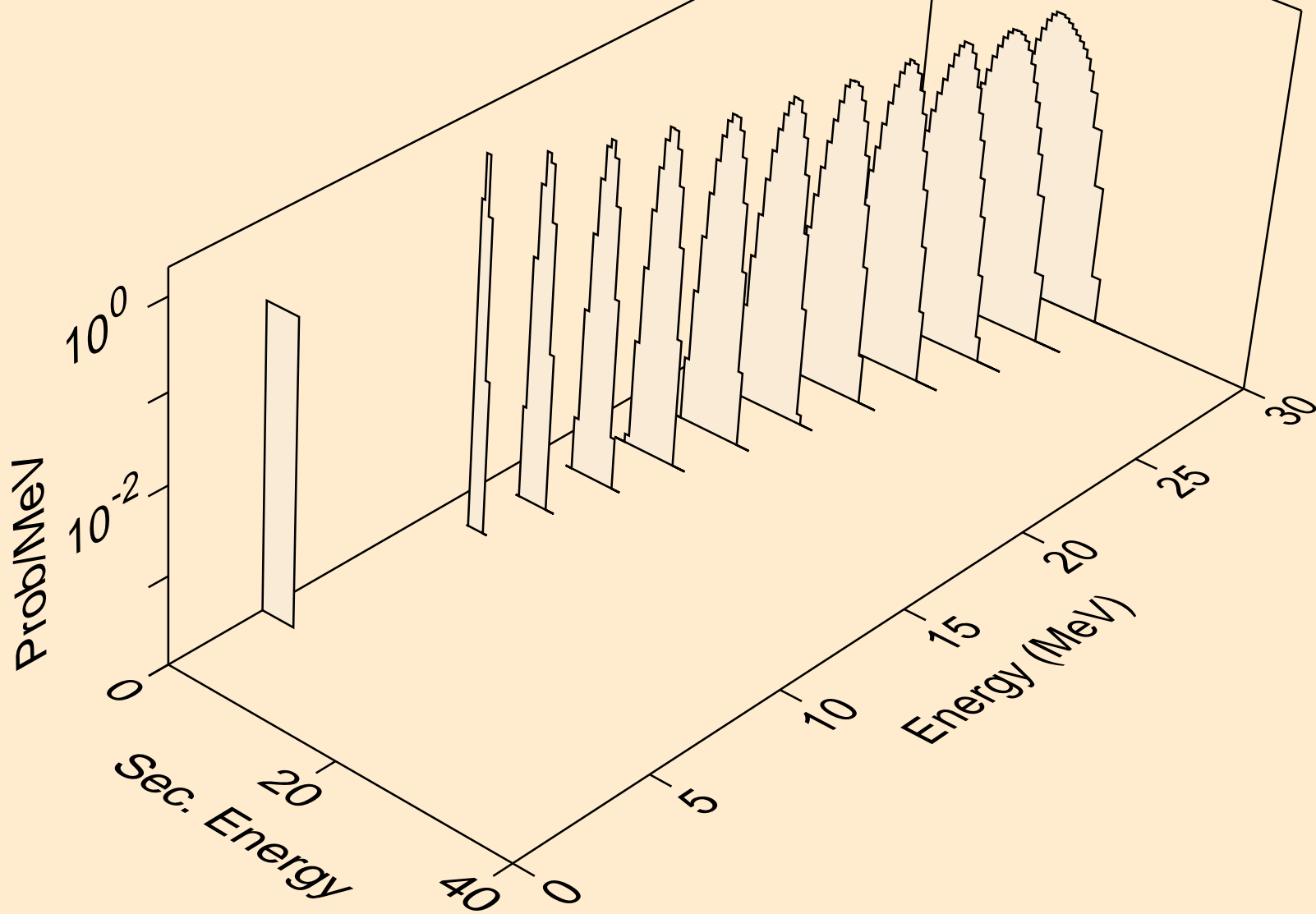
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alphas from (n,3n)a



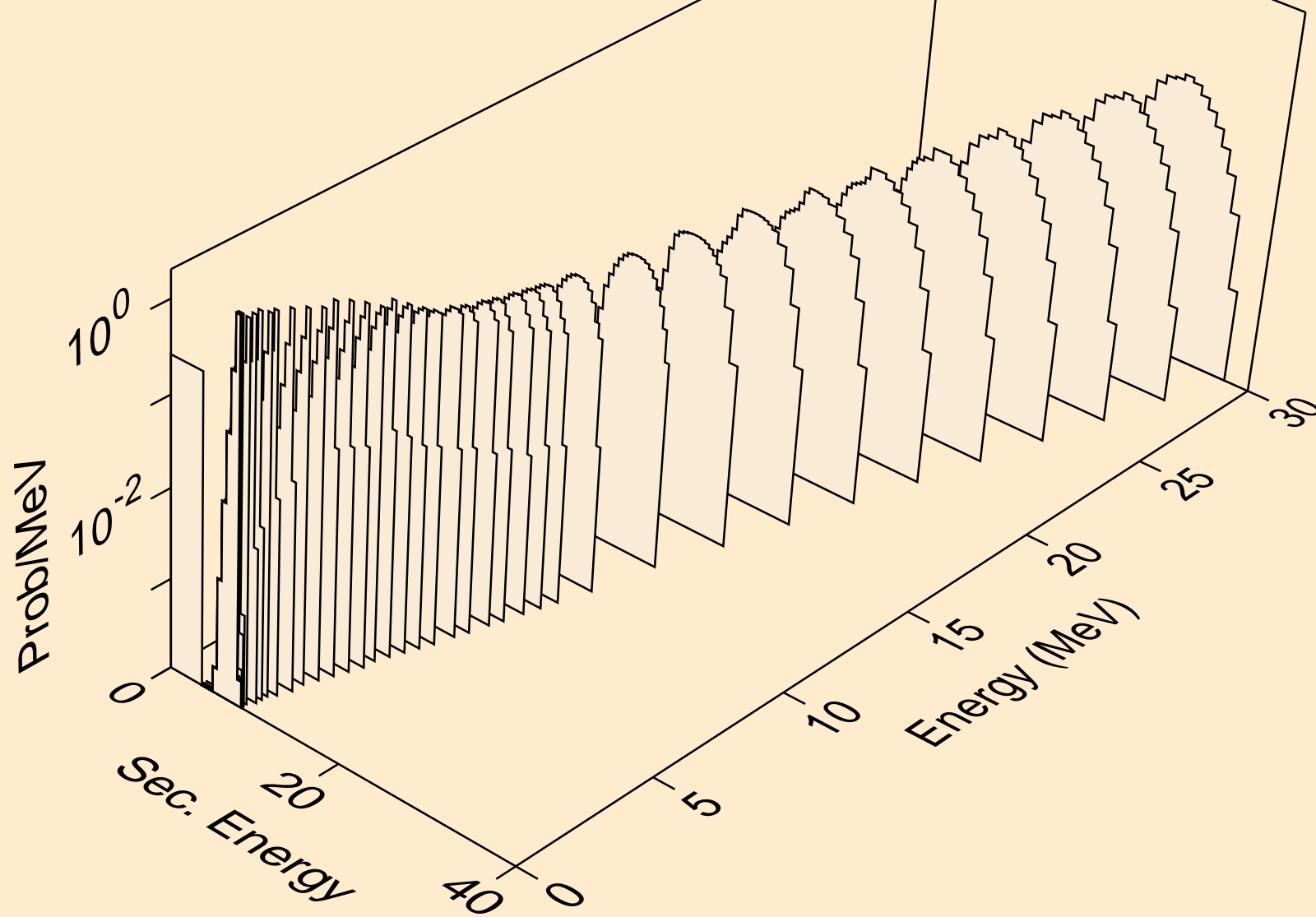
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



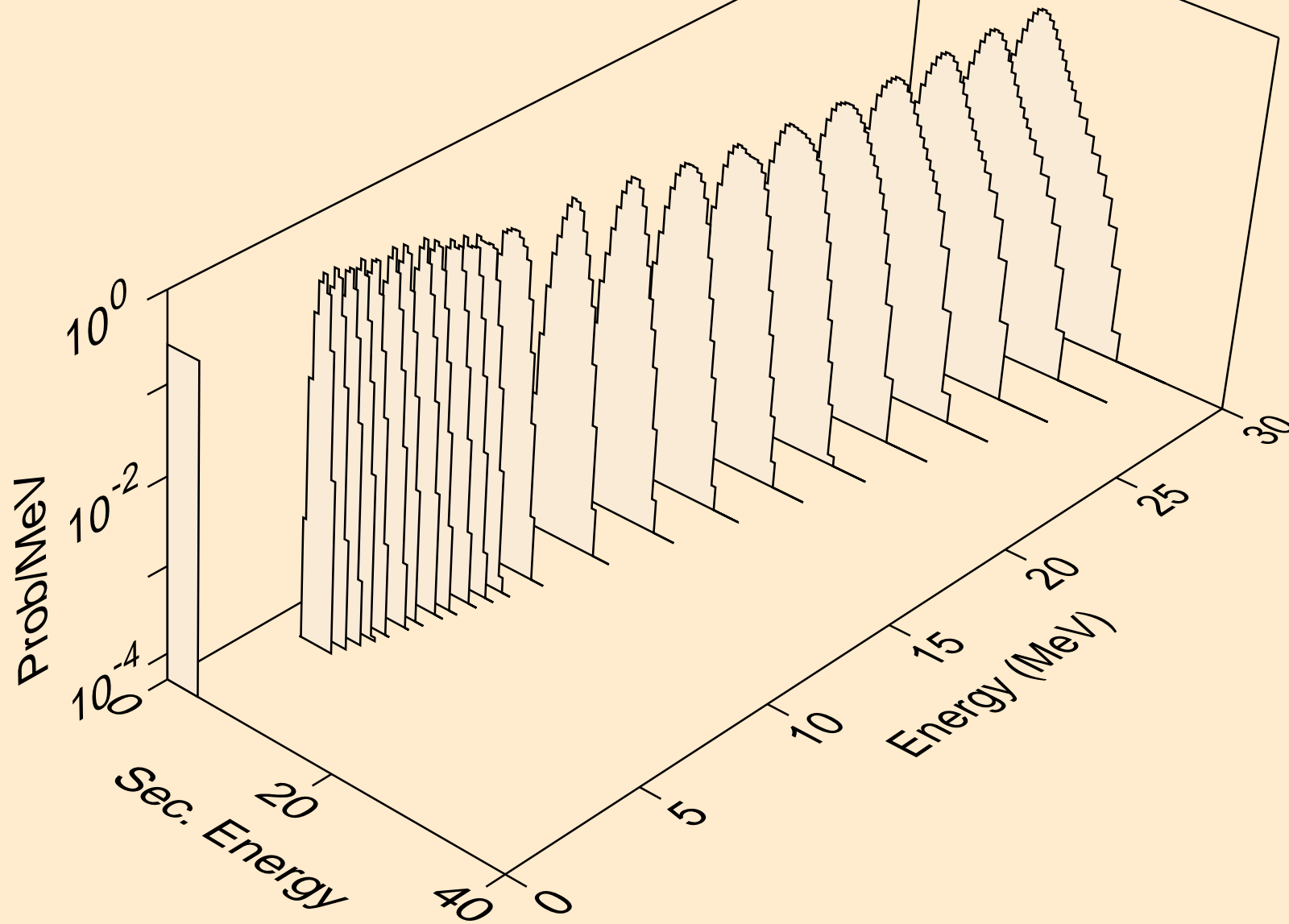
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



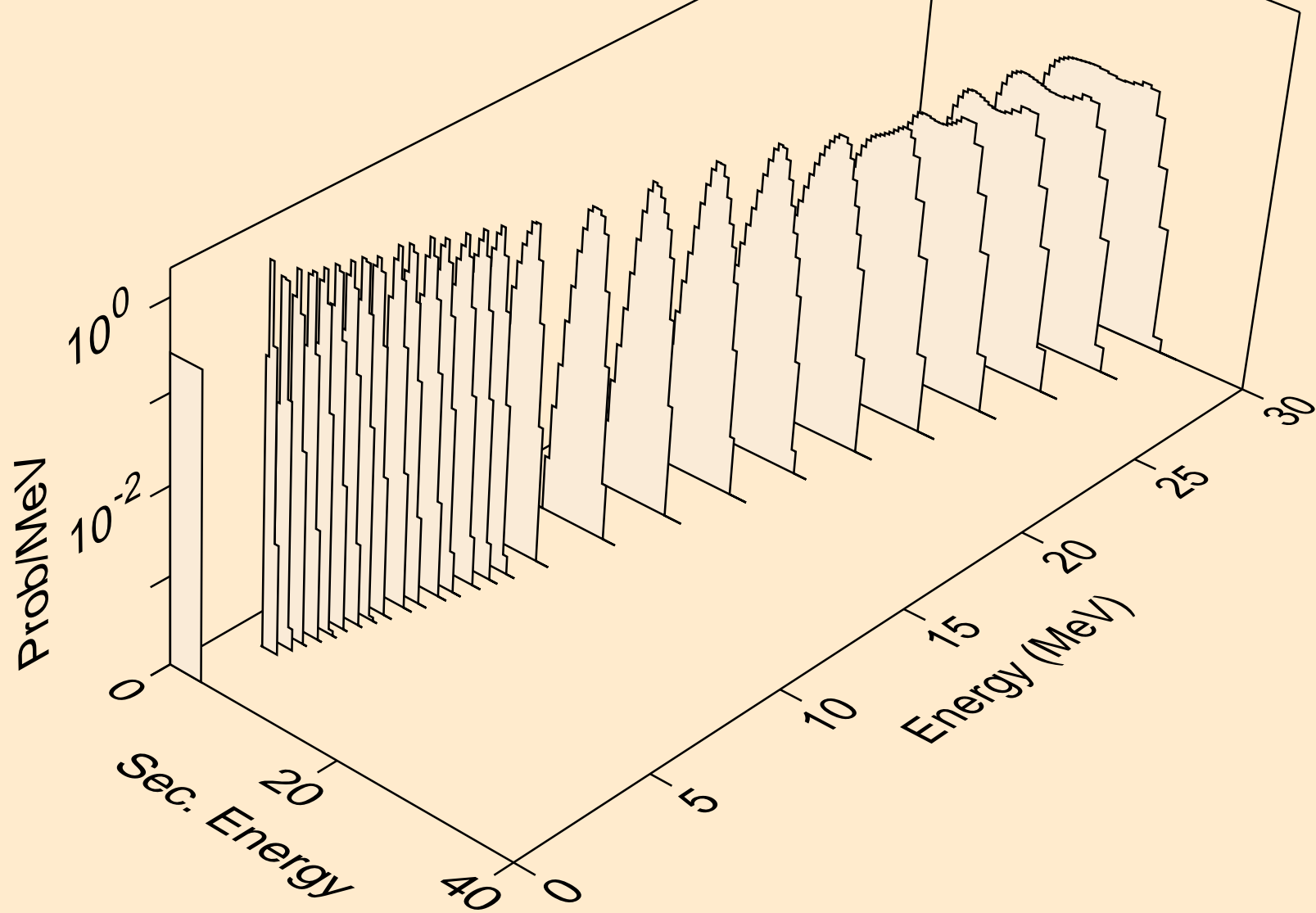
LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



LA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

