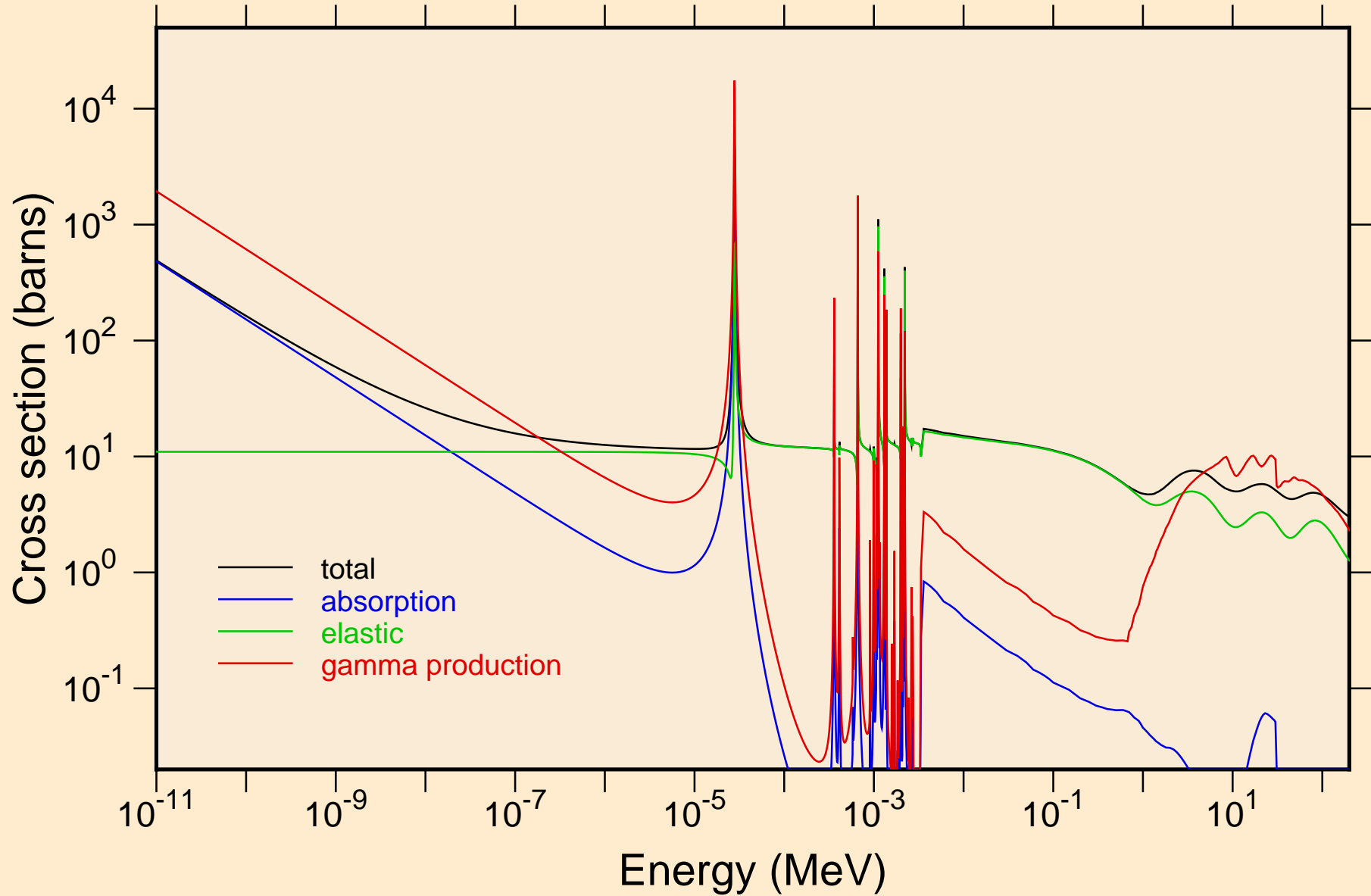
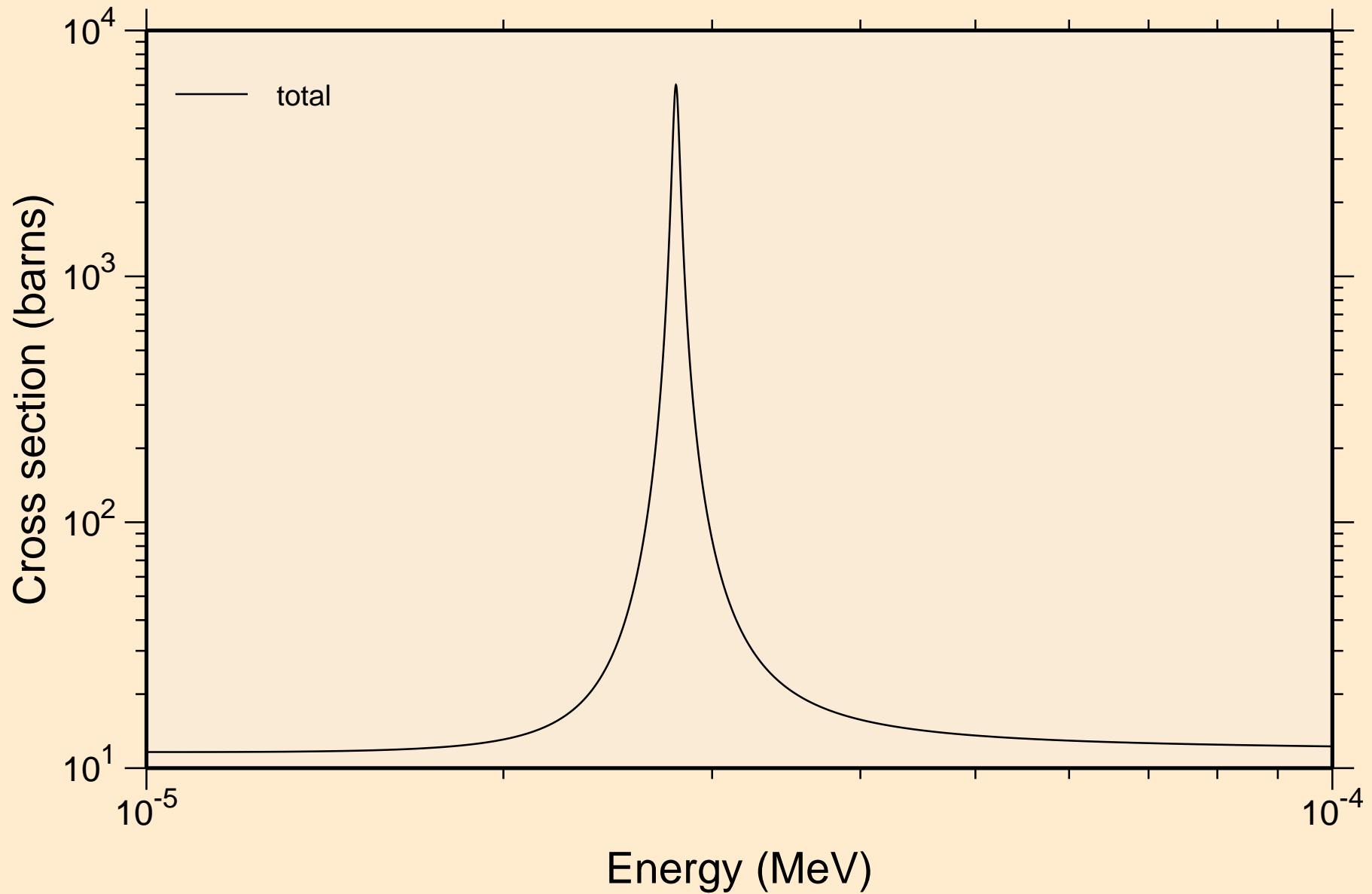


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

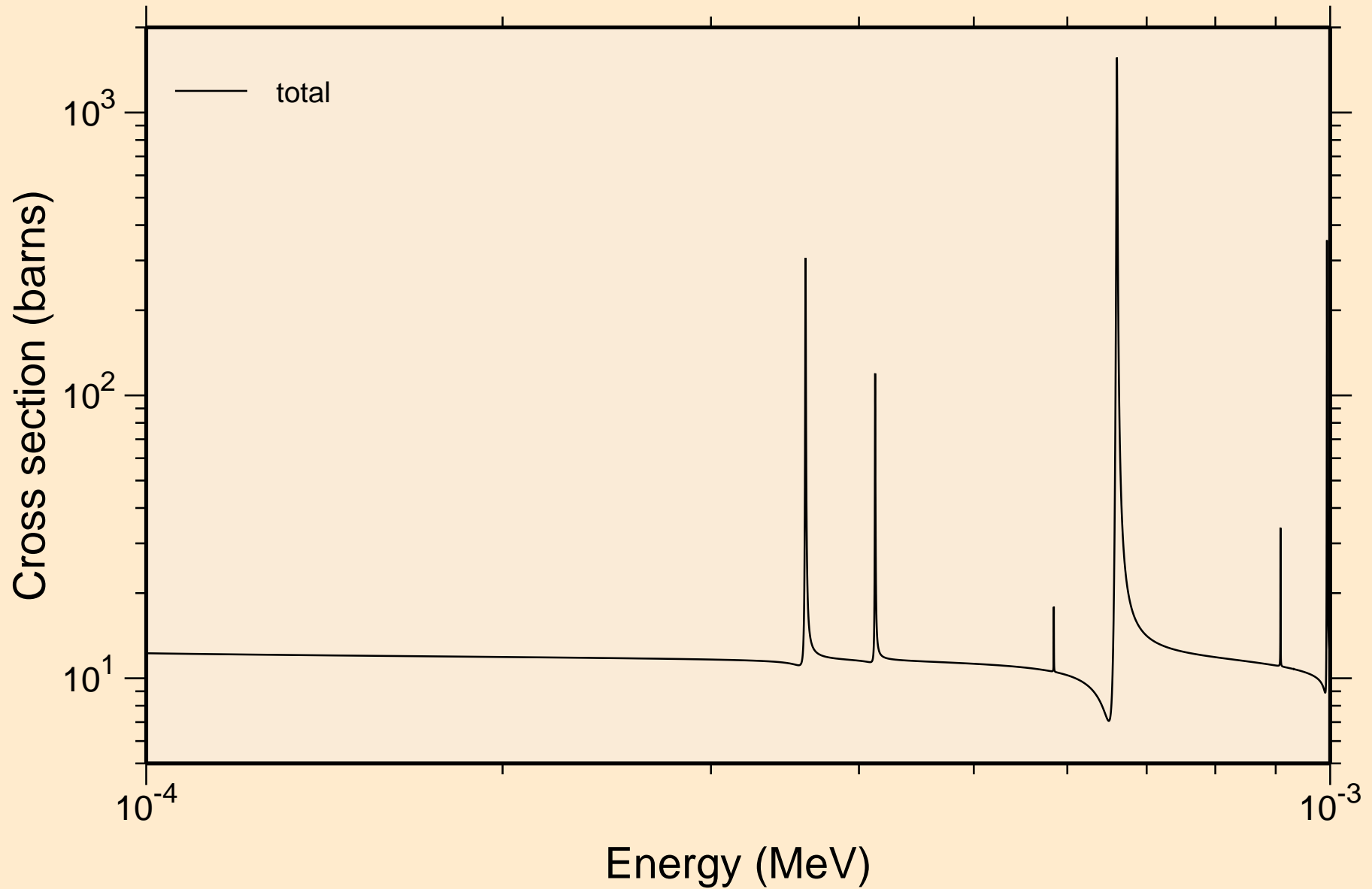
## Principal cross sections



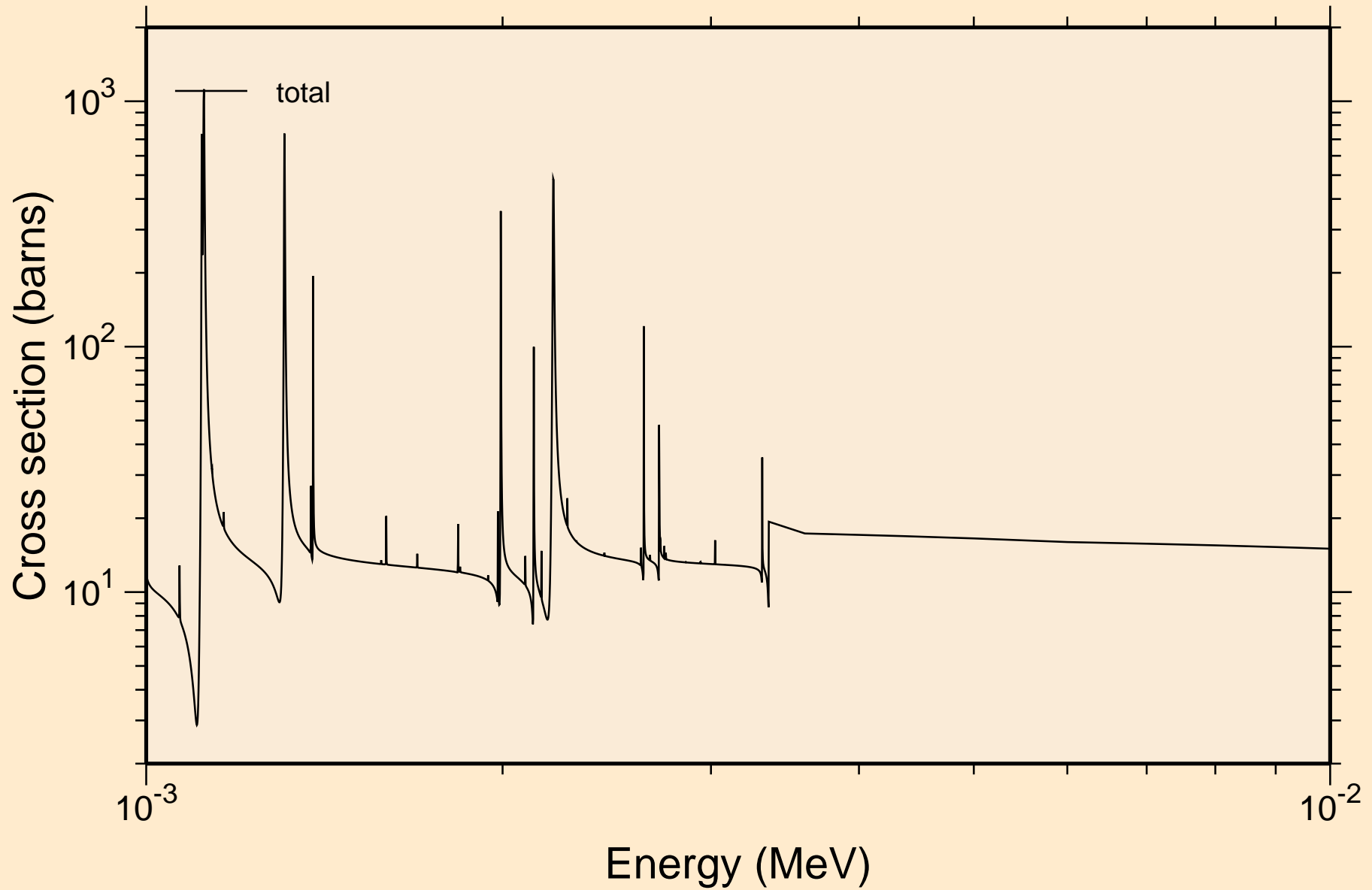
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



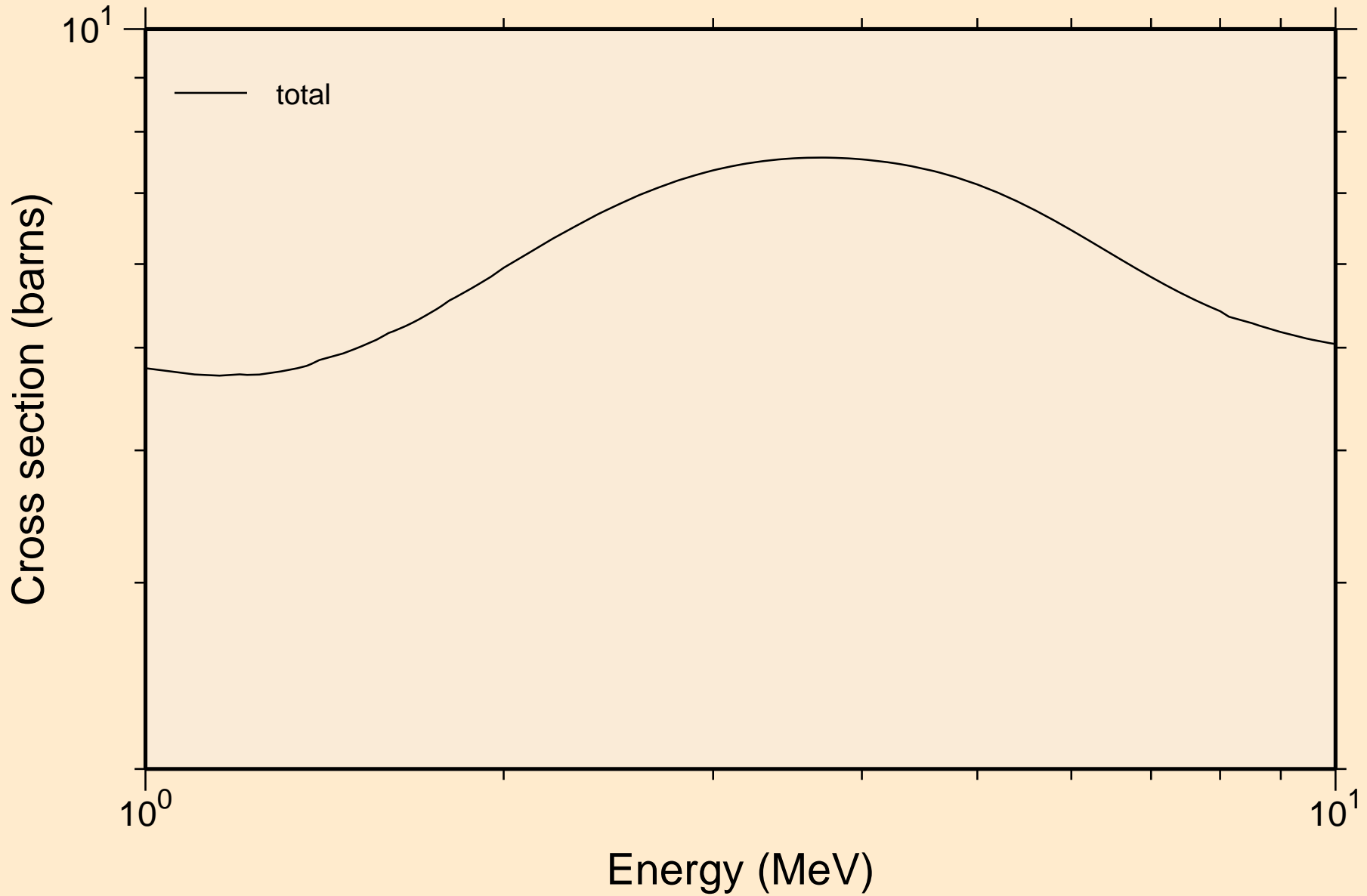
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



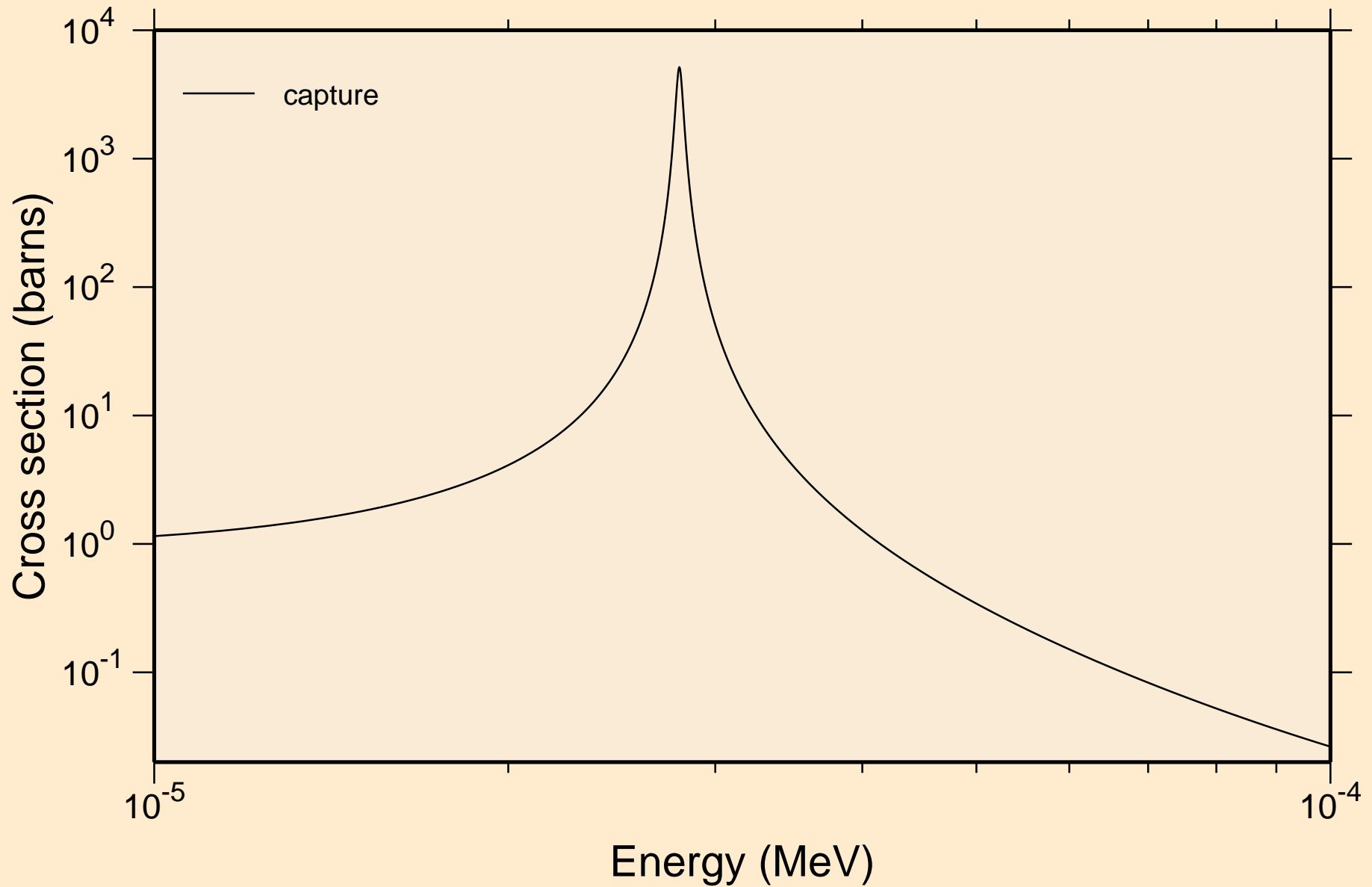
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



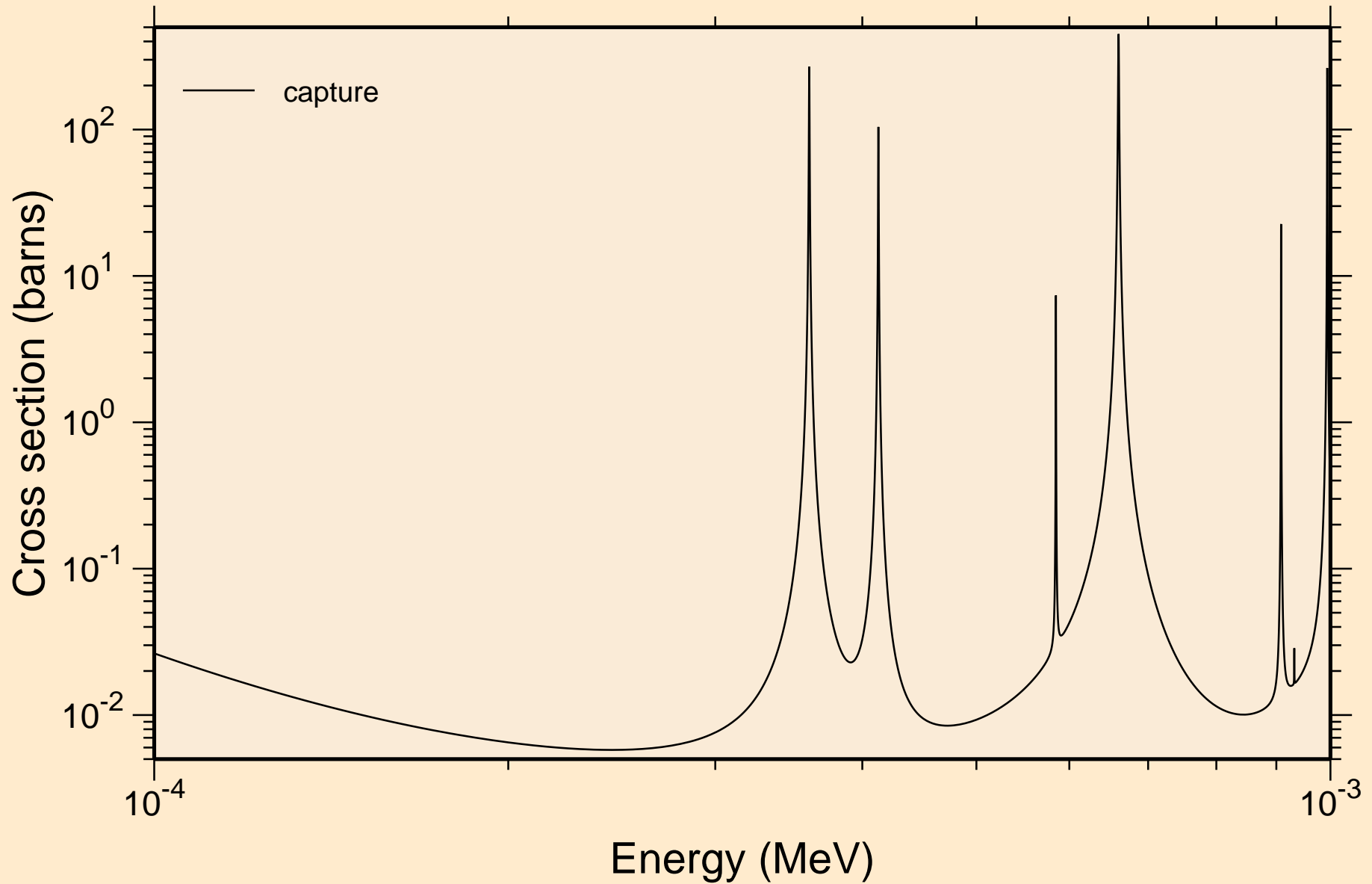
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



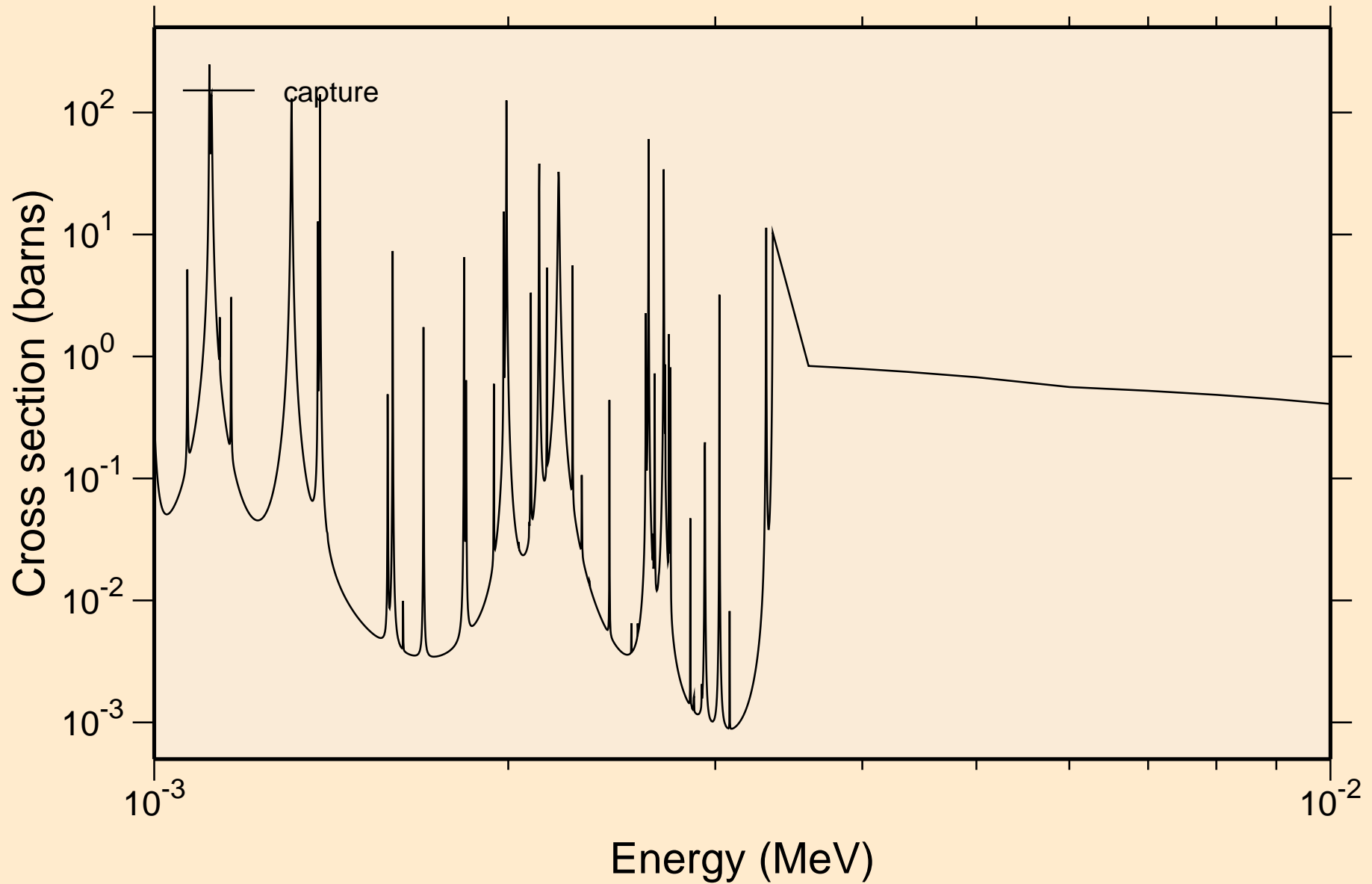
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

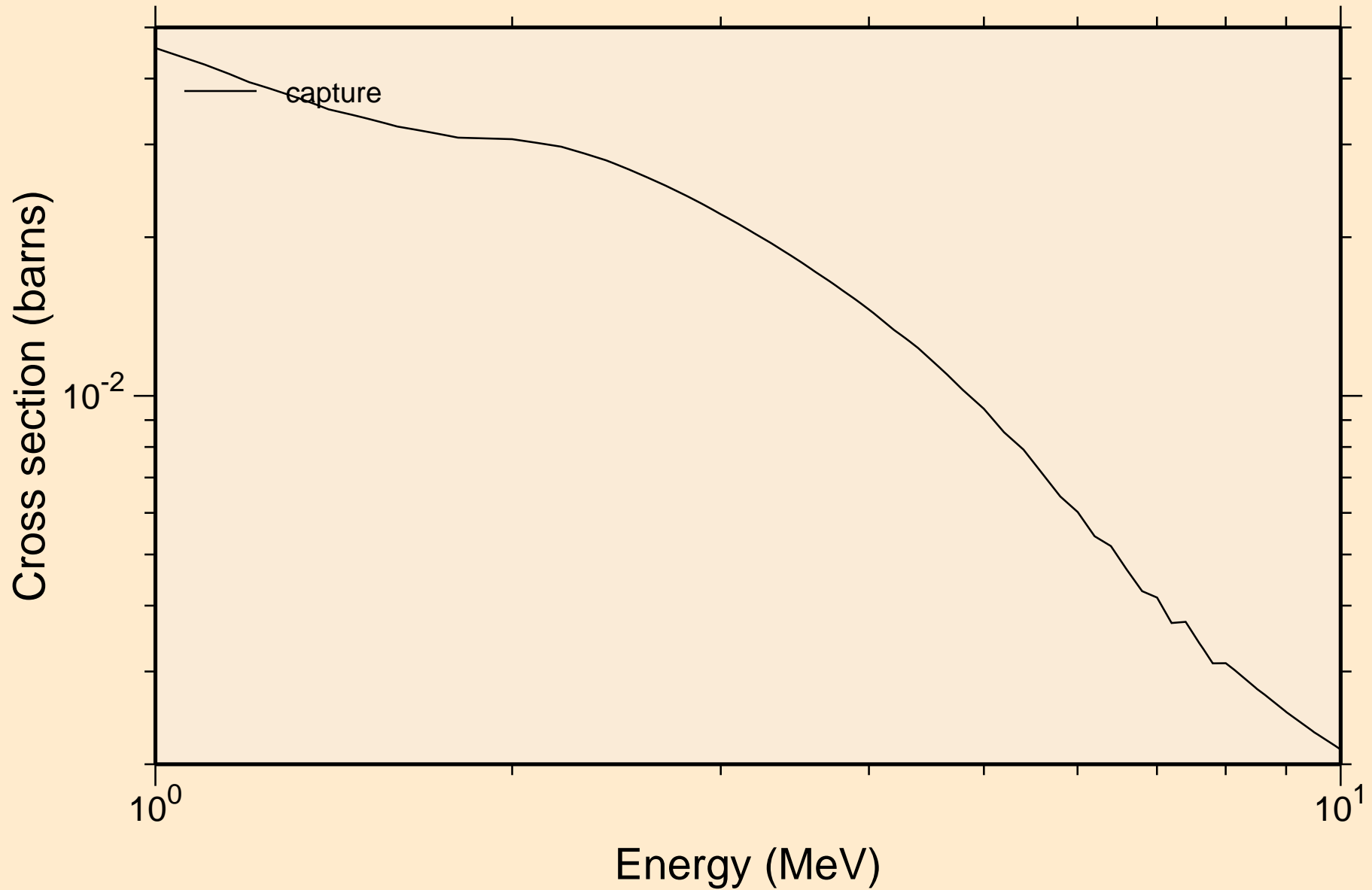


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



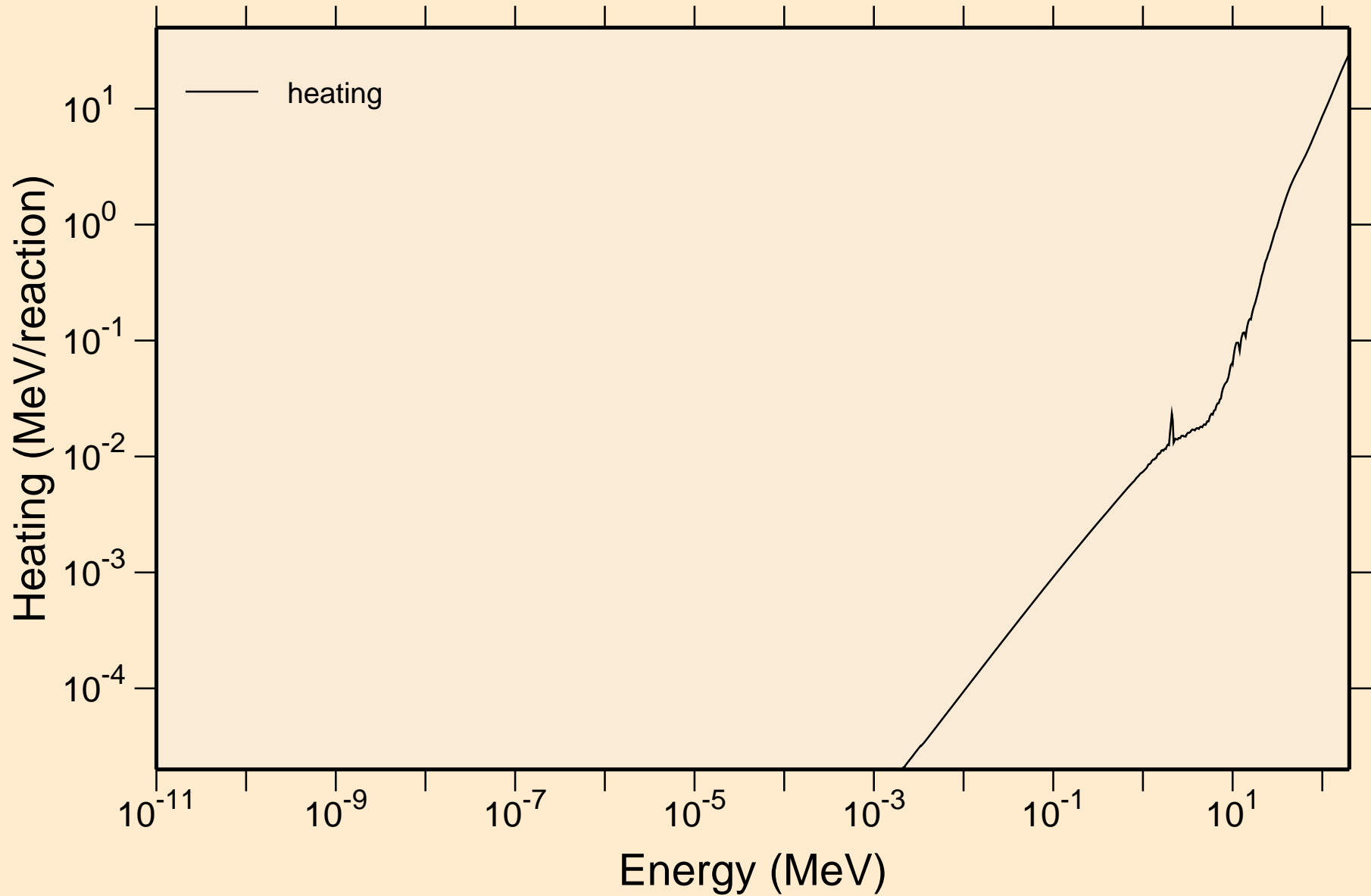


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

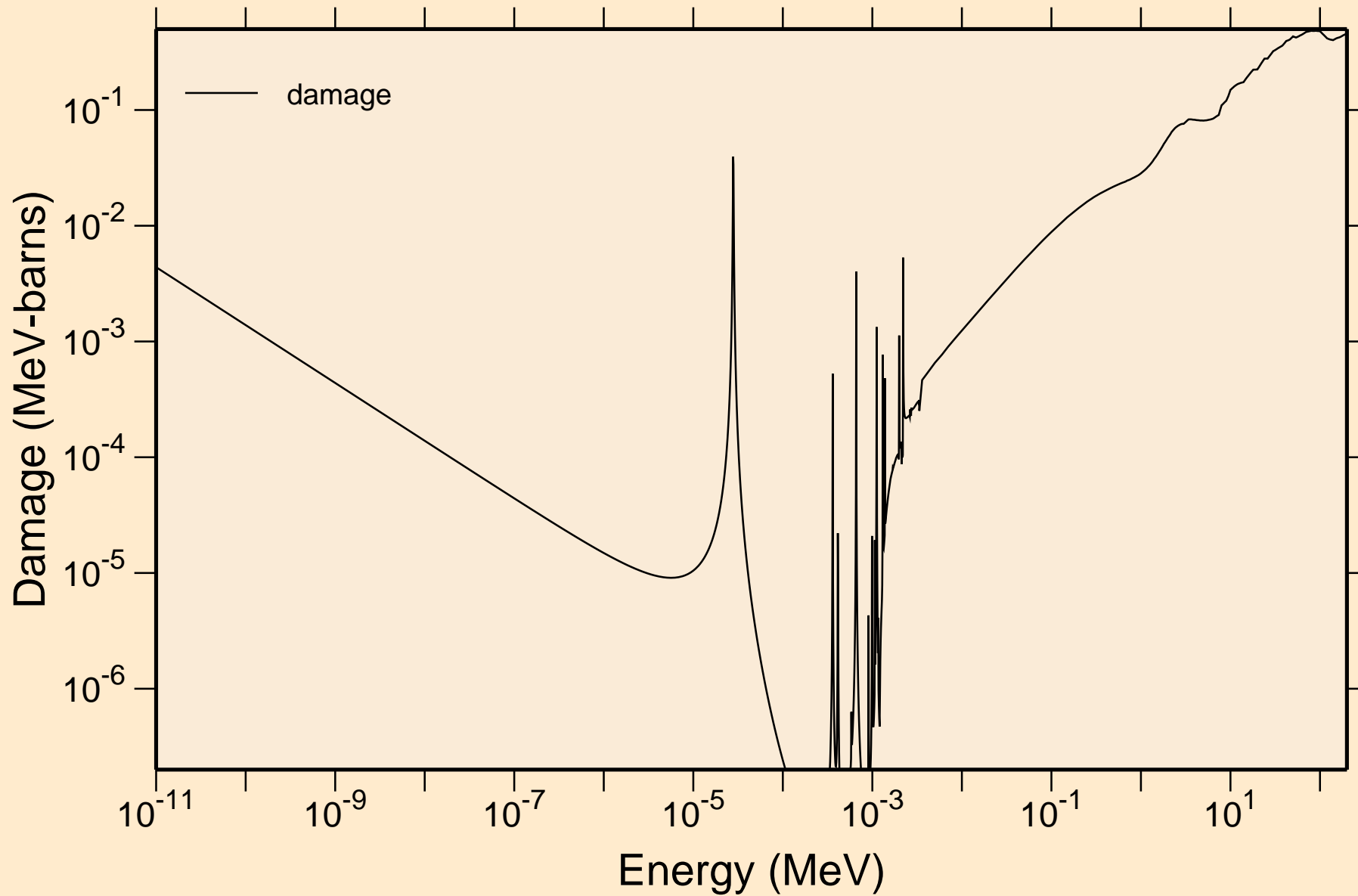


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

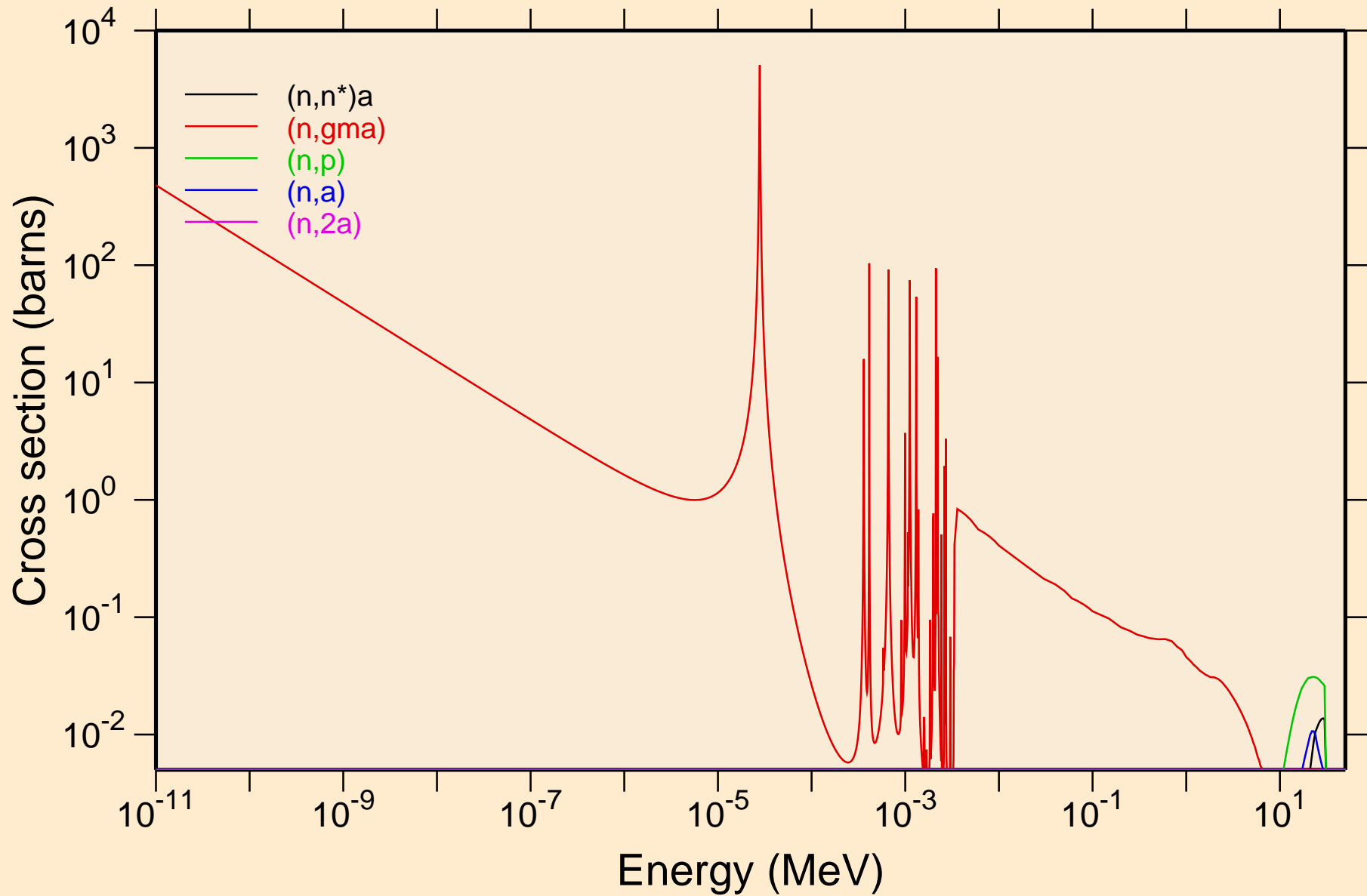


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

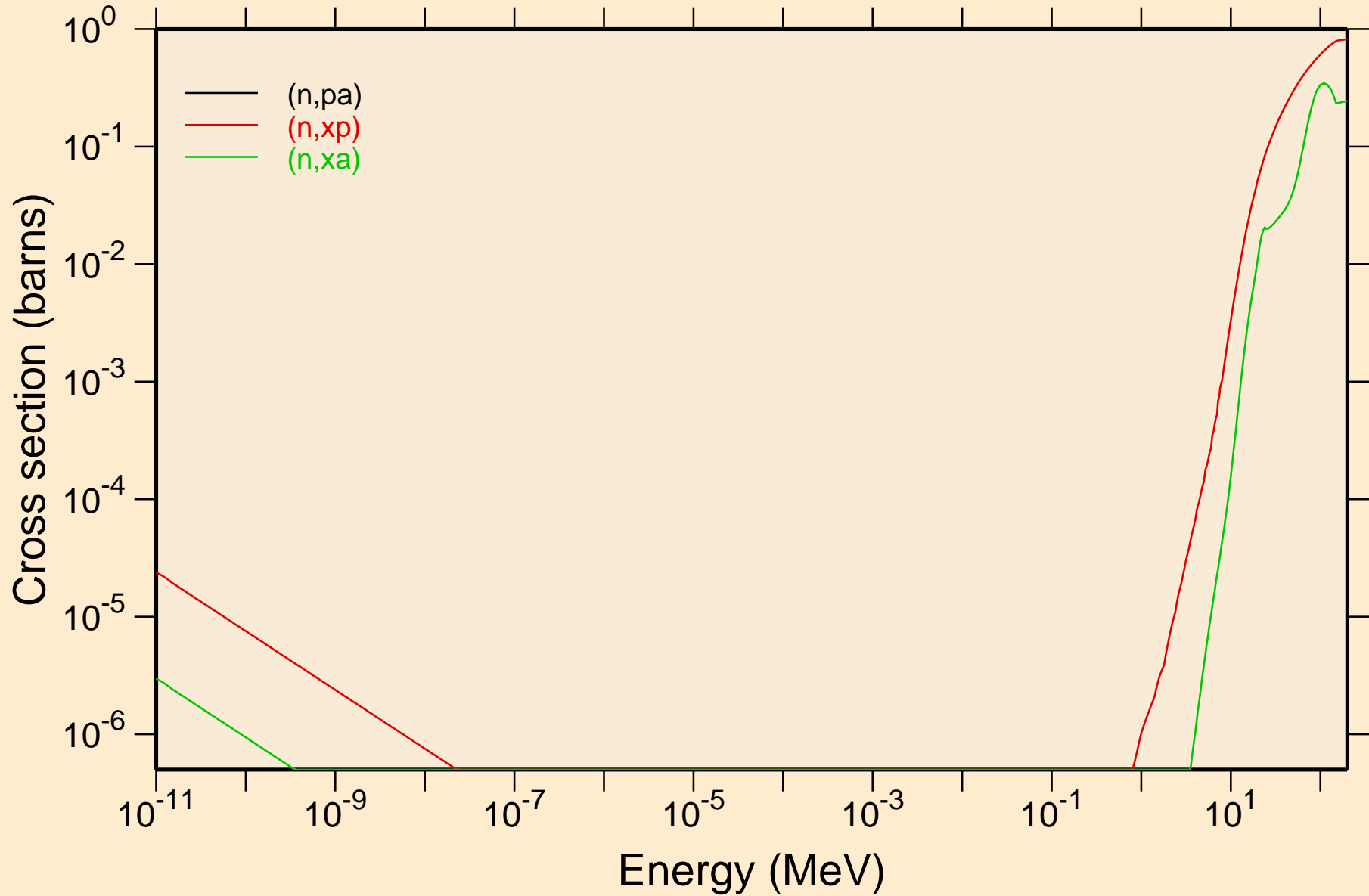


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

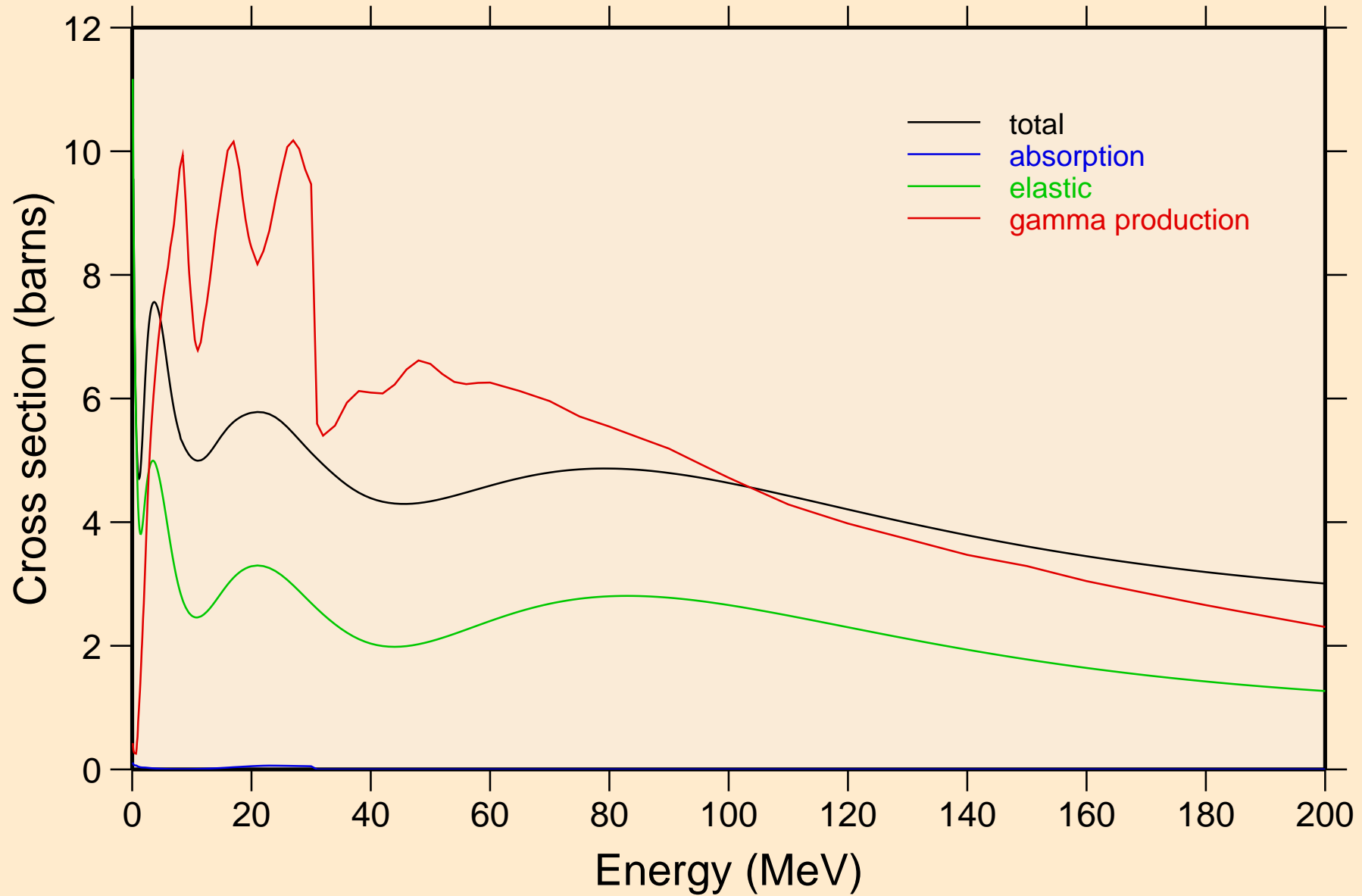
## Non-threshold reactions



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

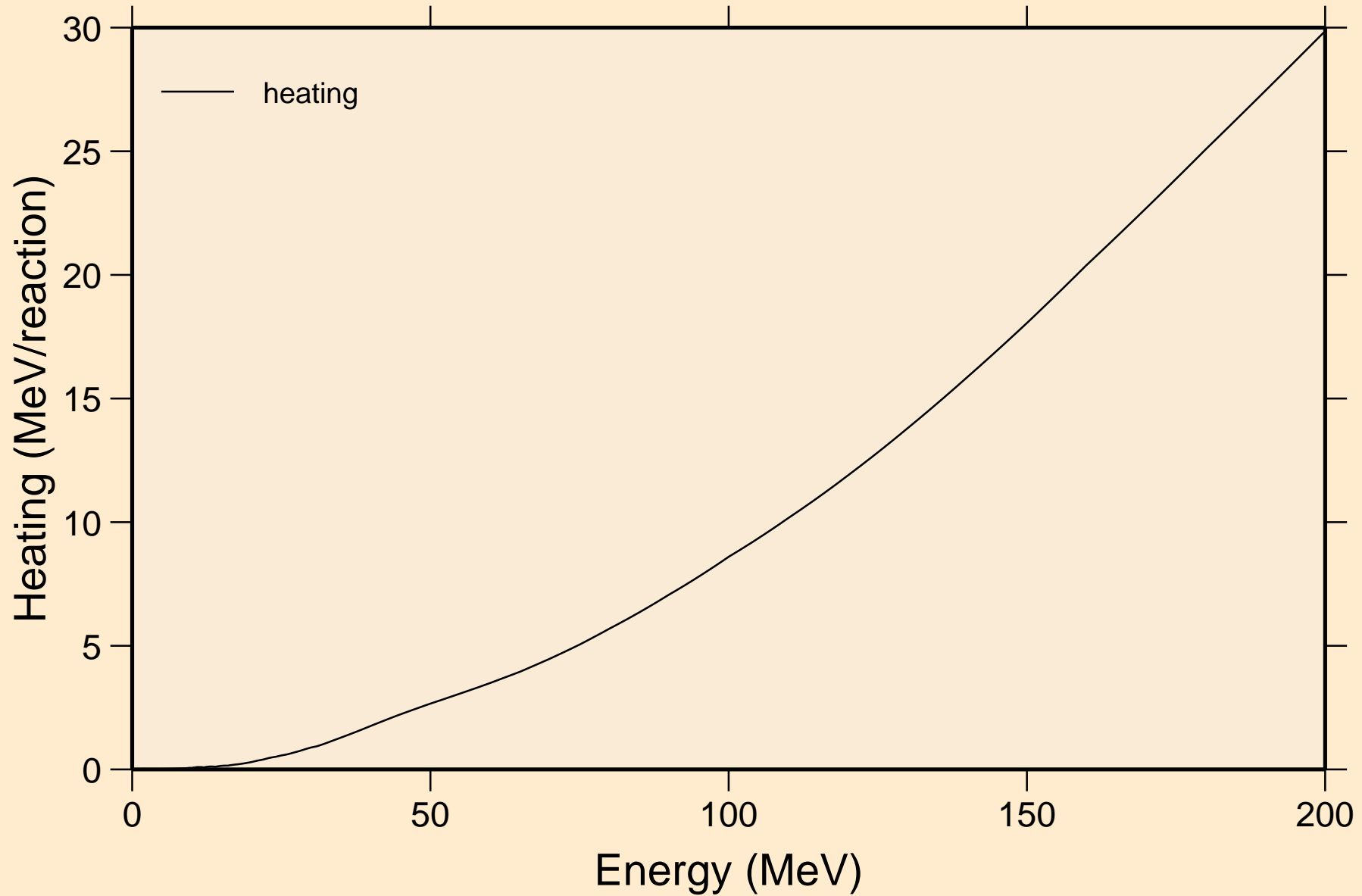


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

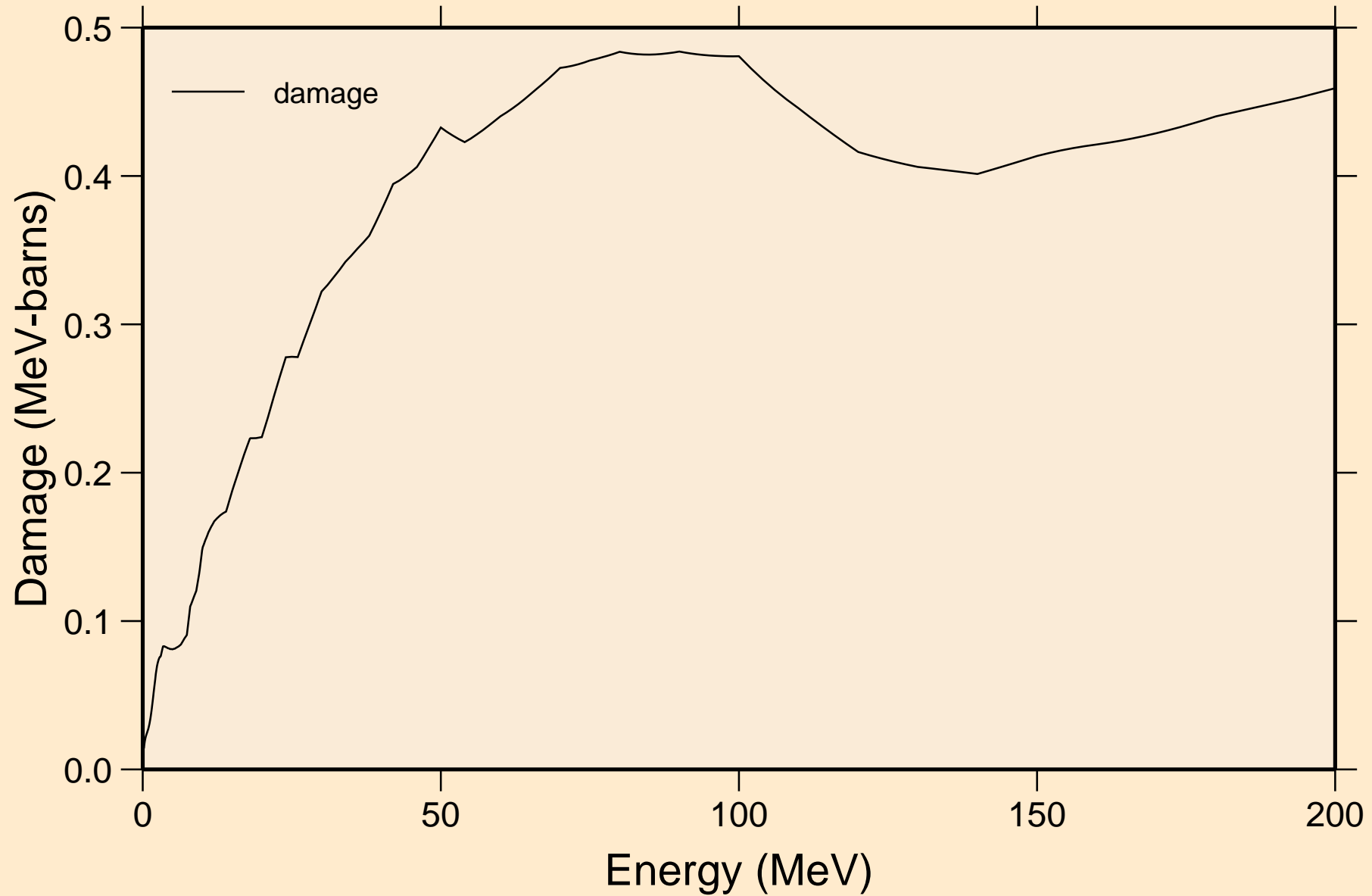


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



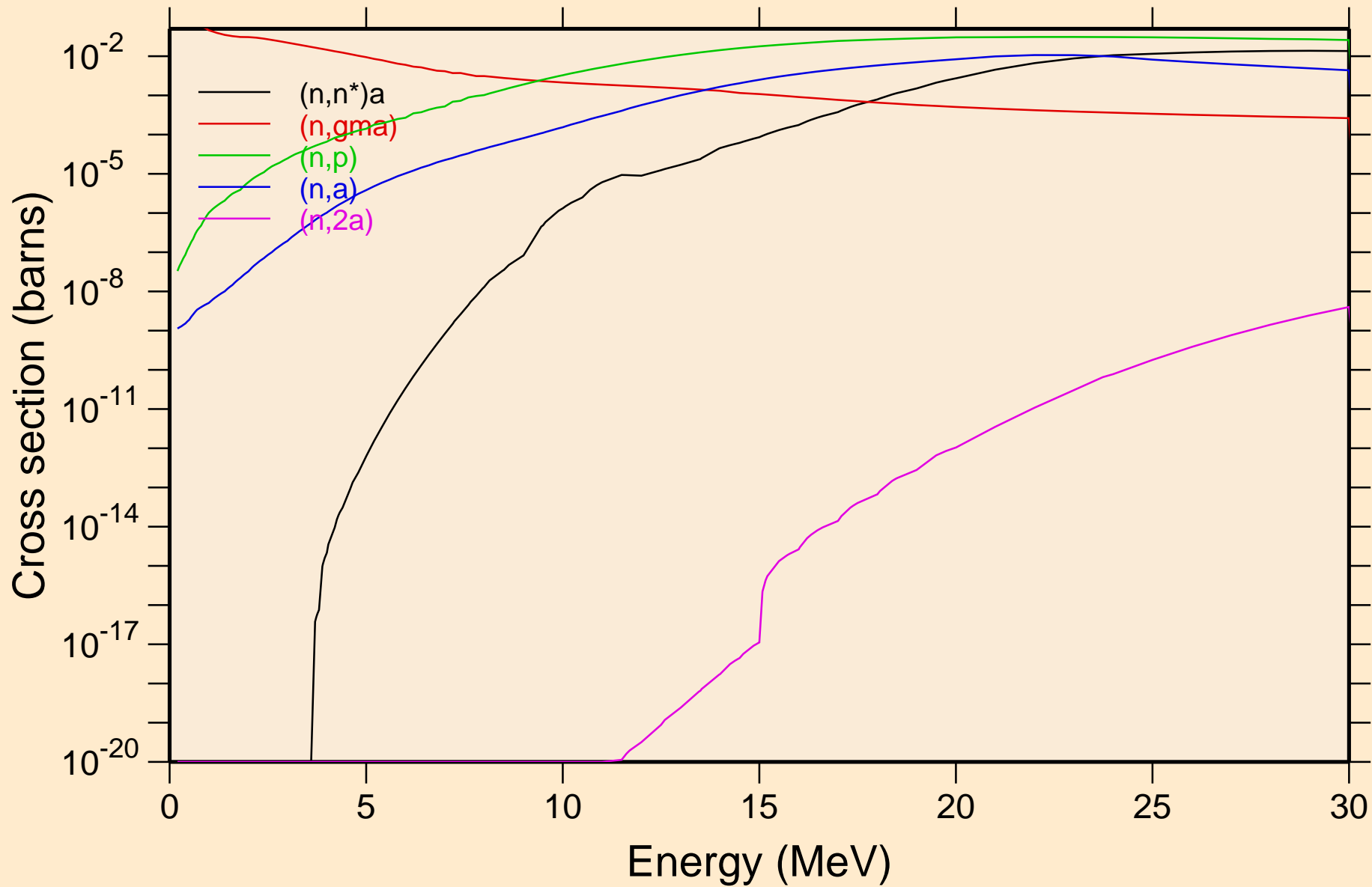
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



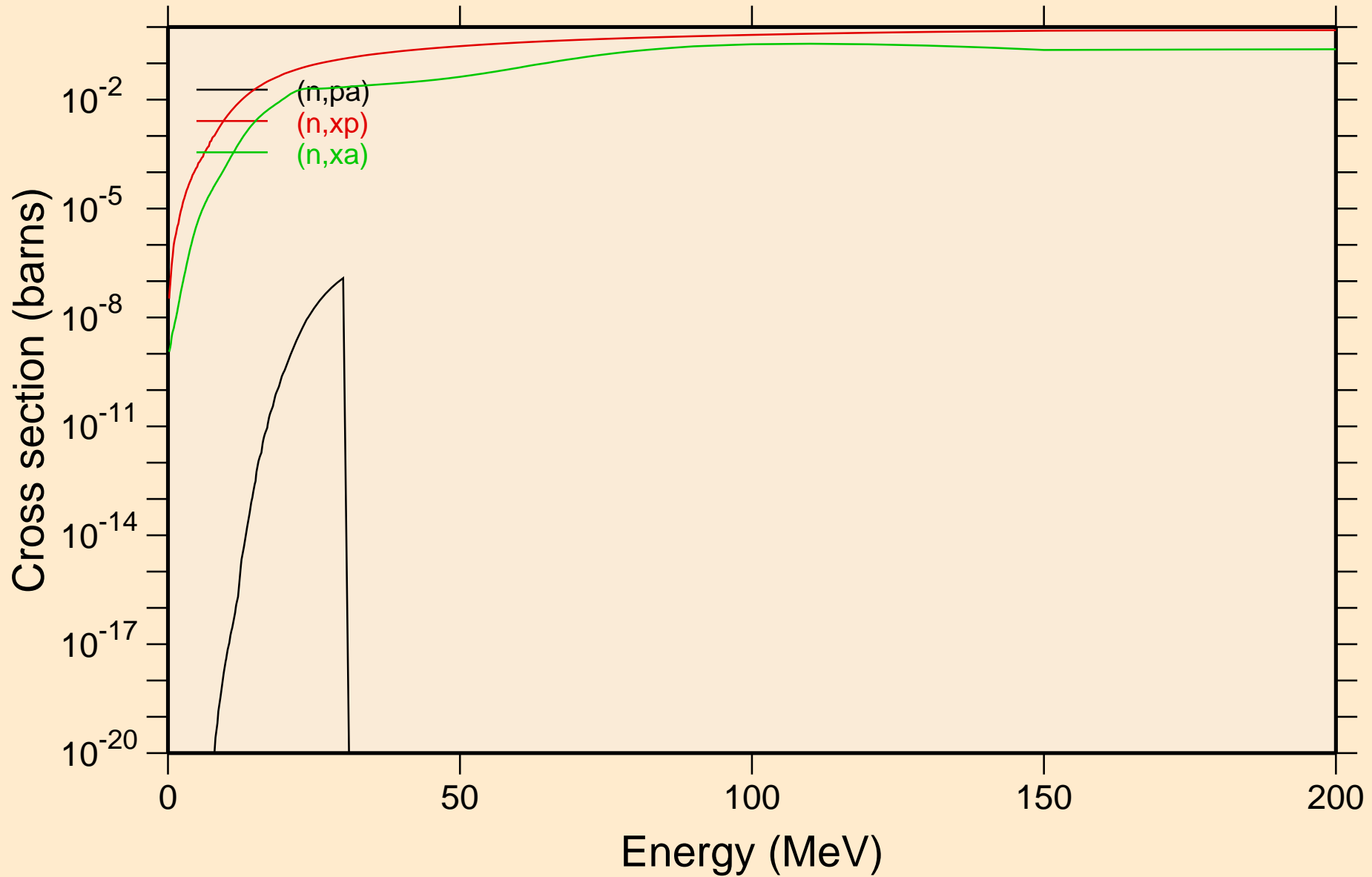


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

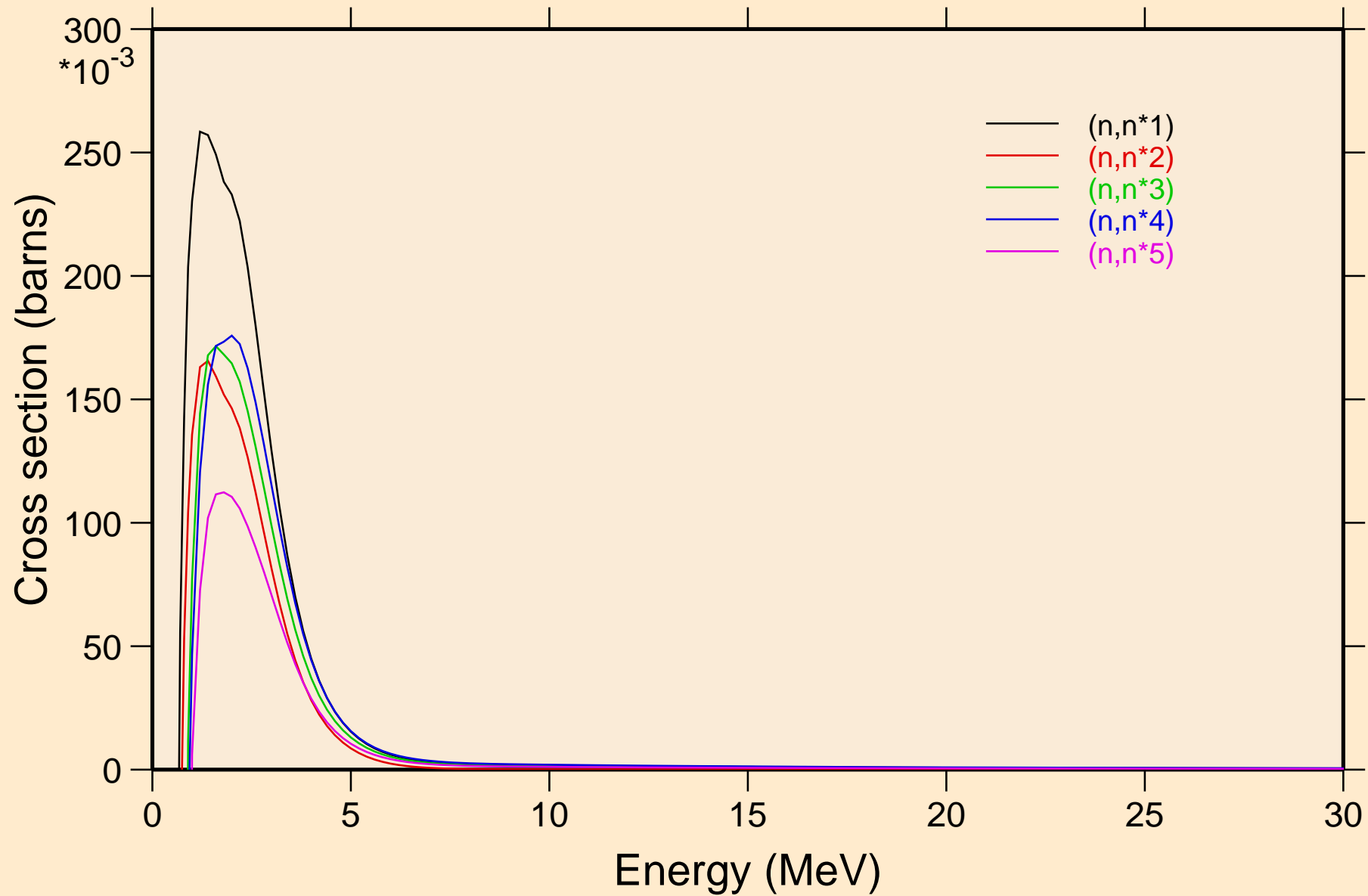
## Non-threshold reactions



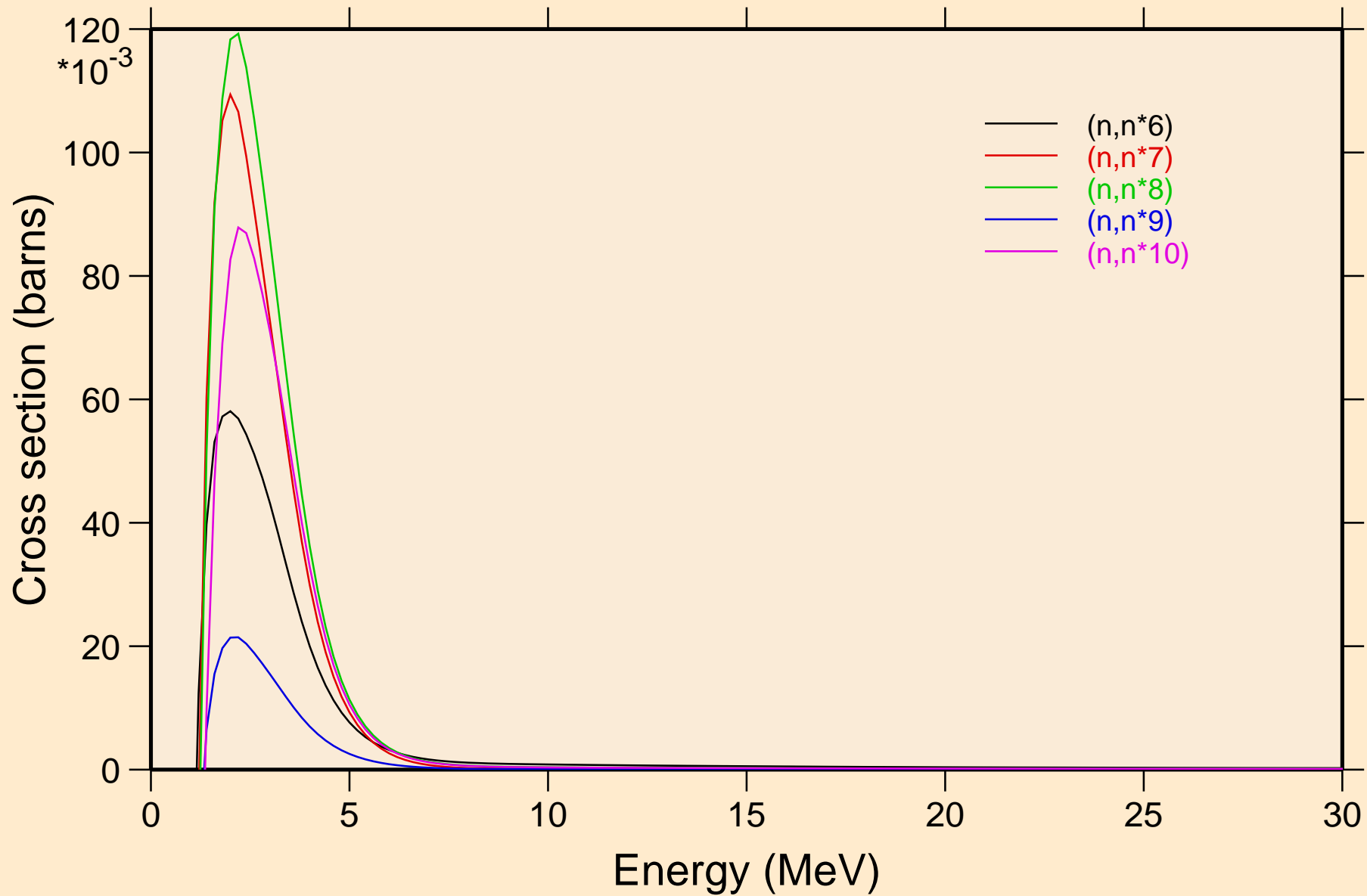
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



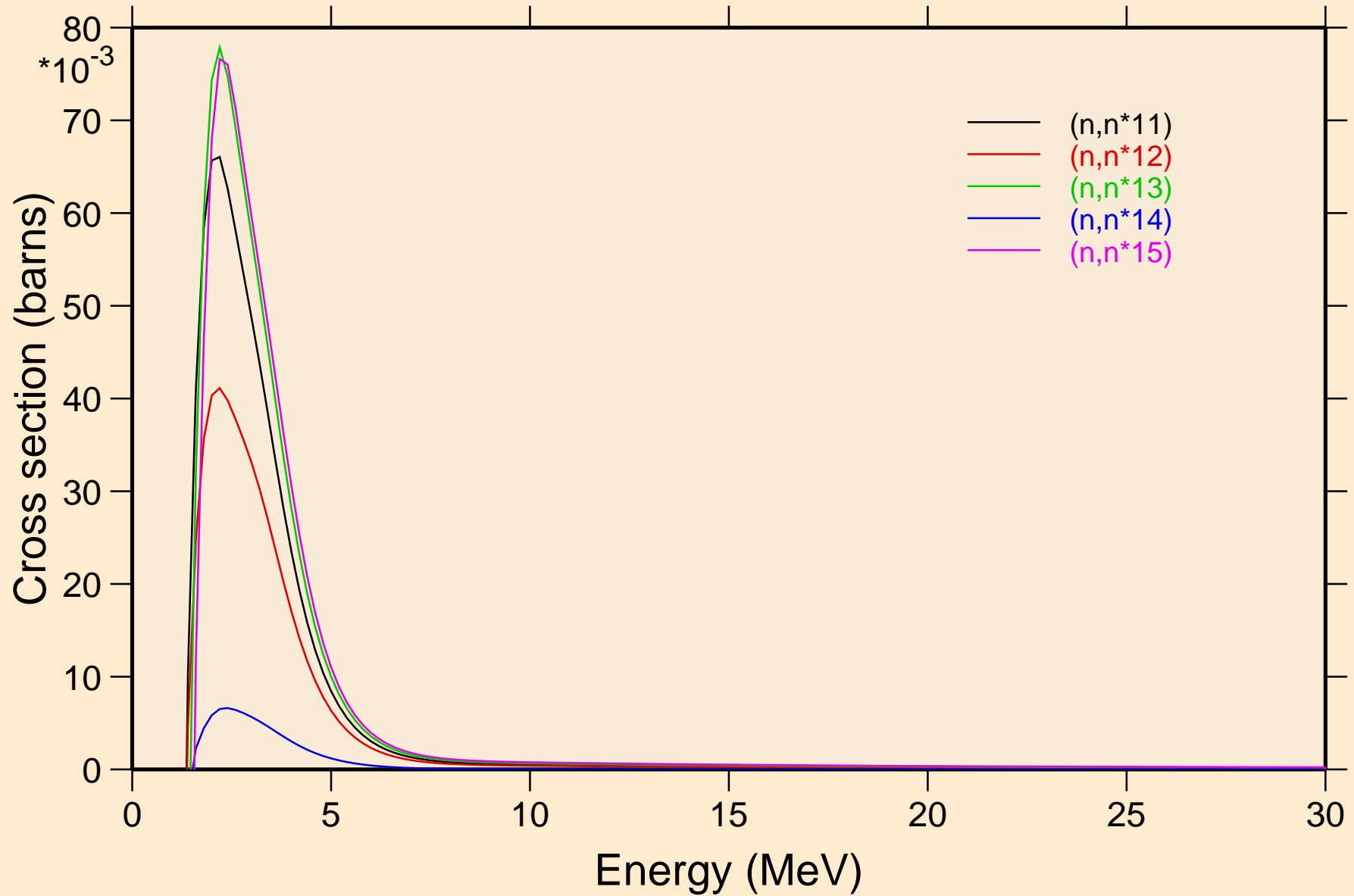
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



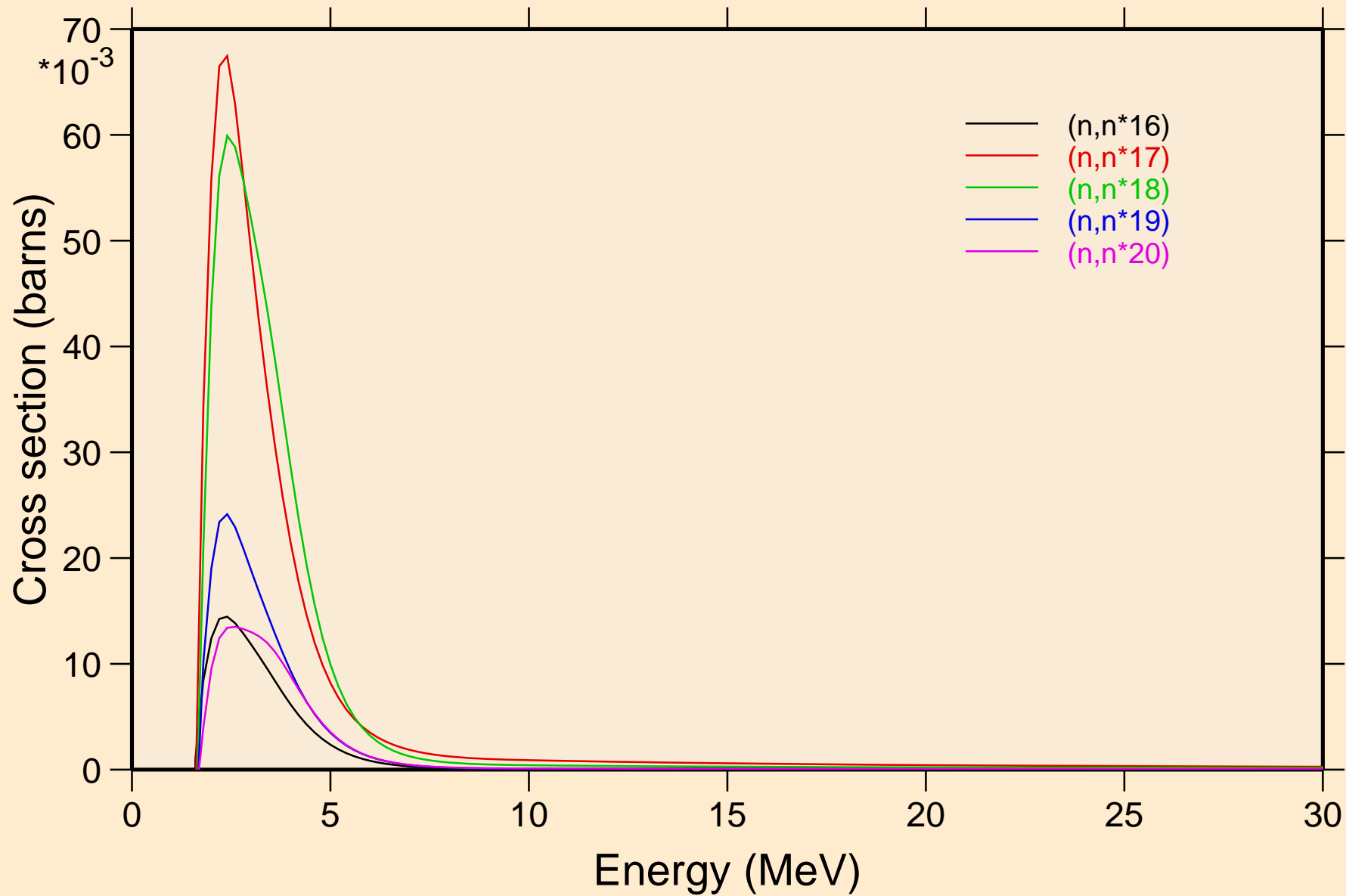
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



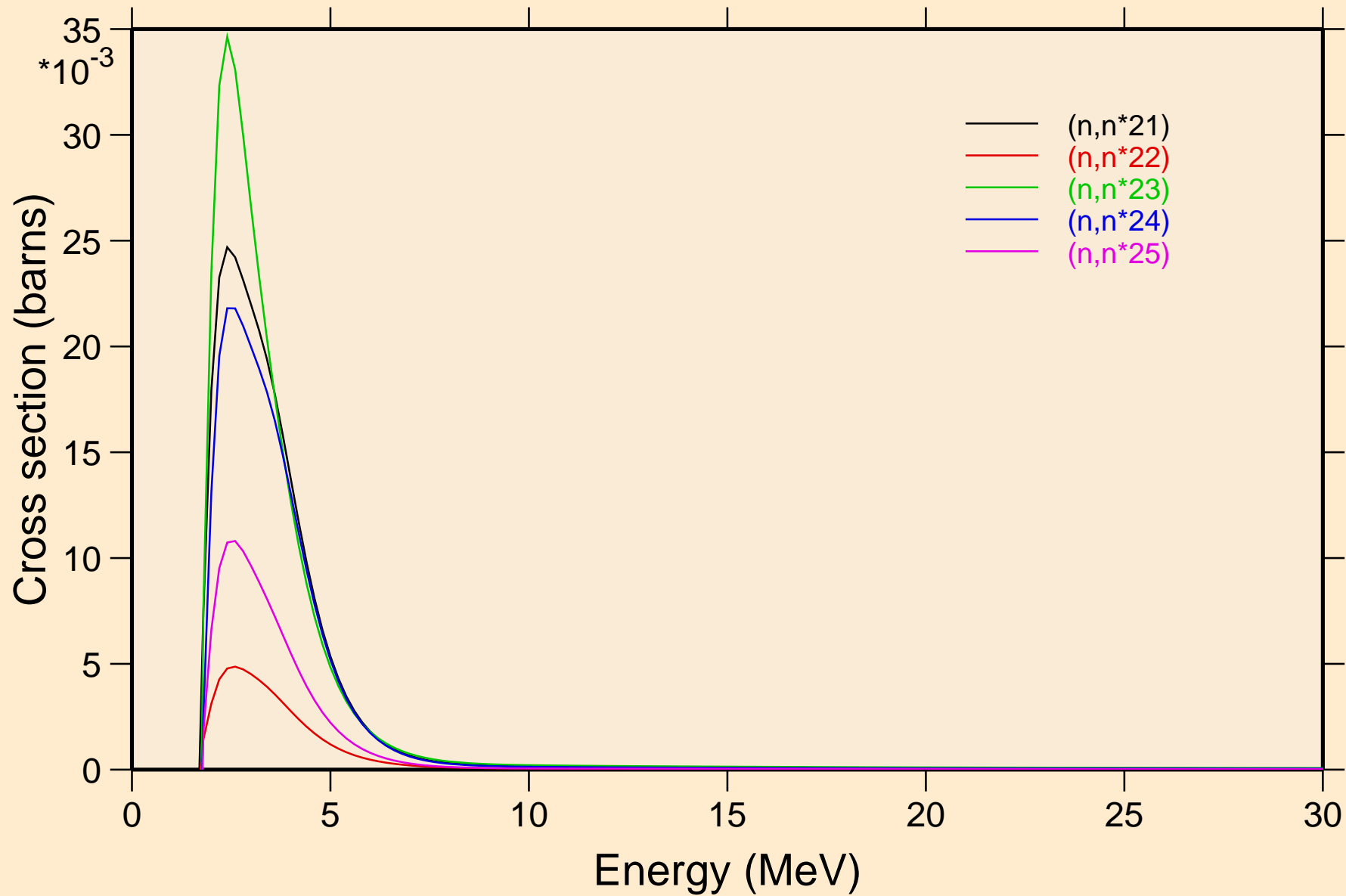
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



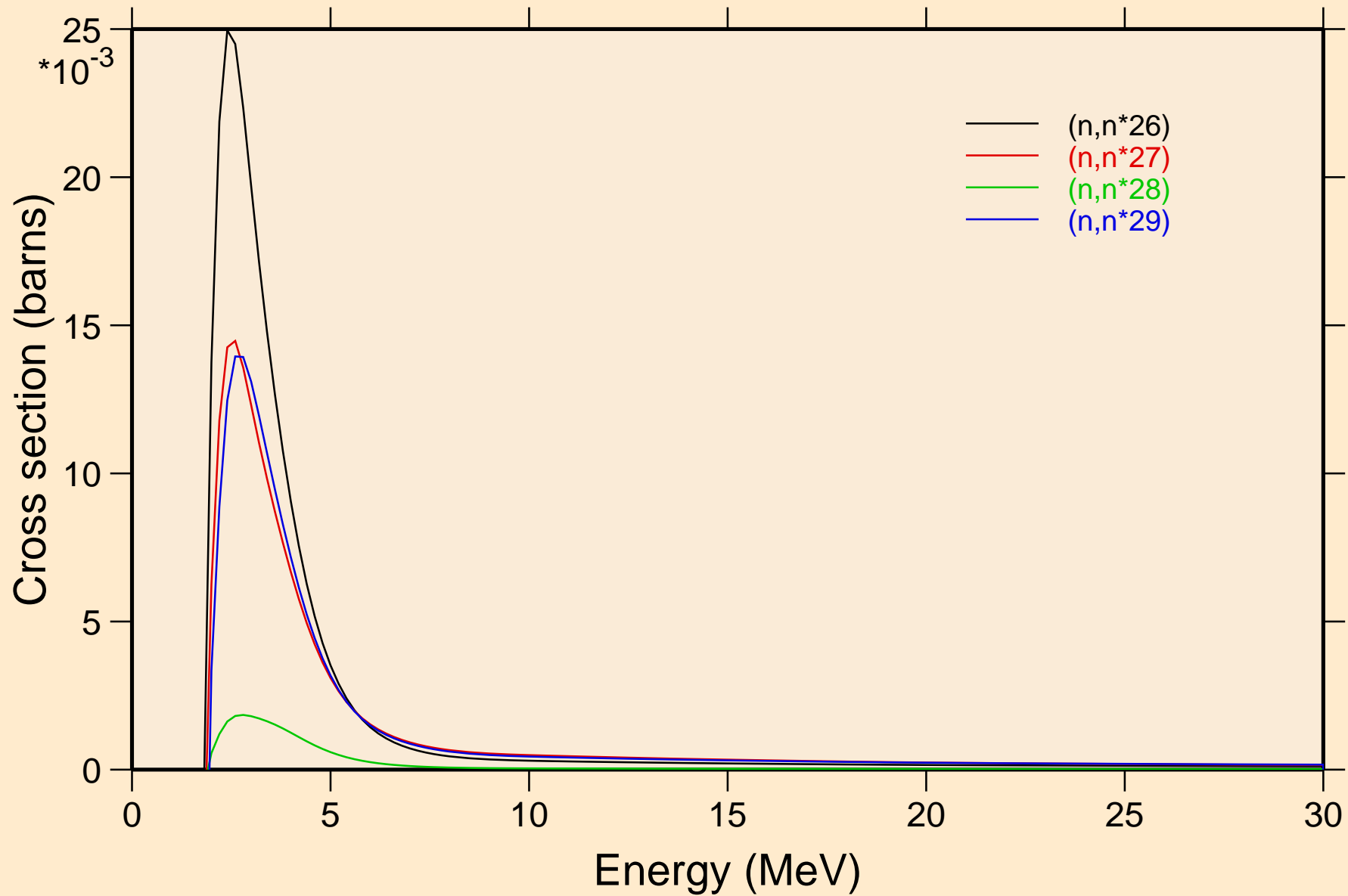
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

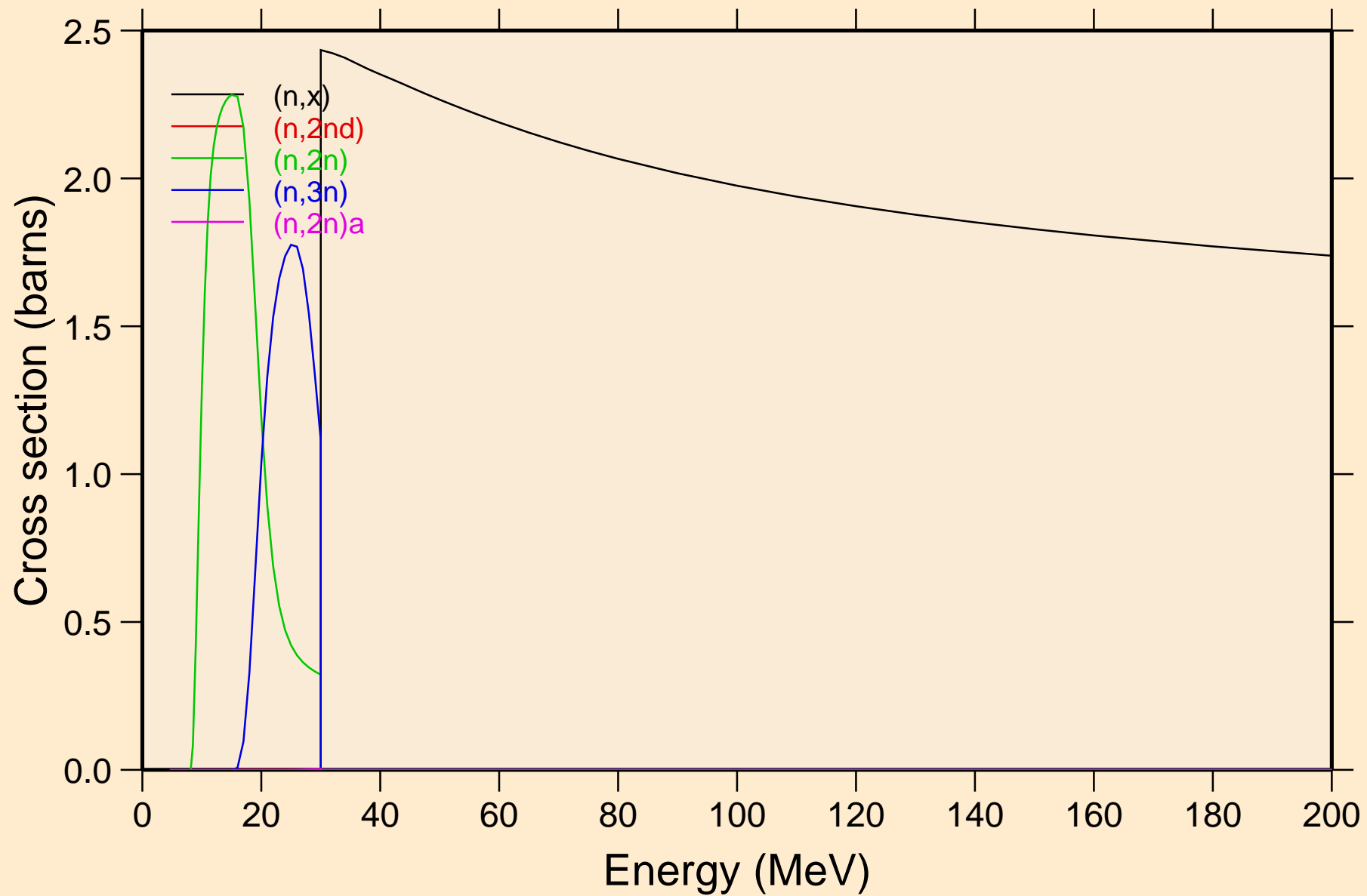


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



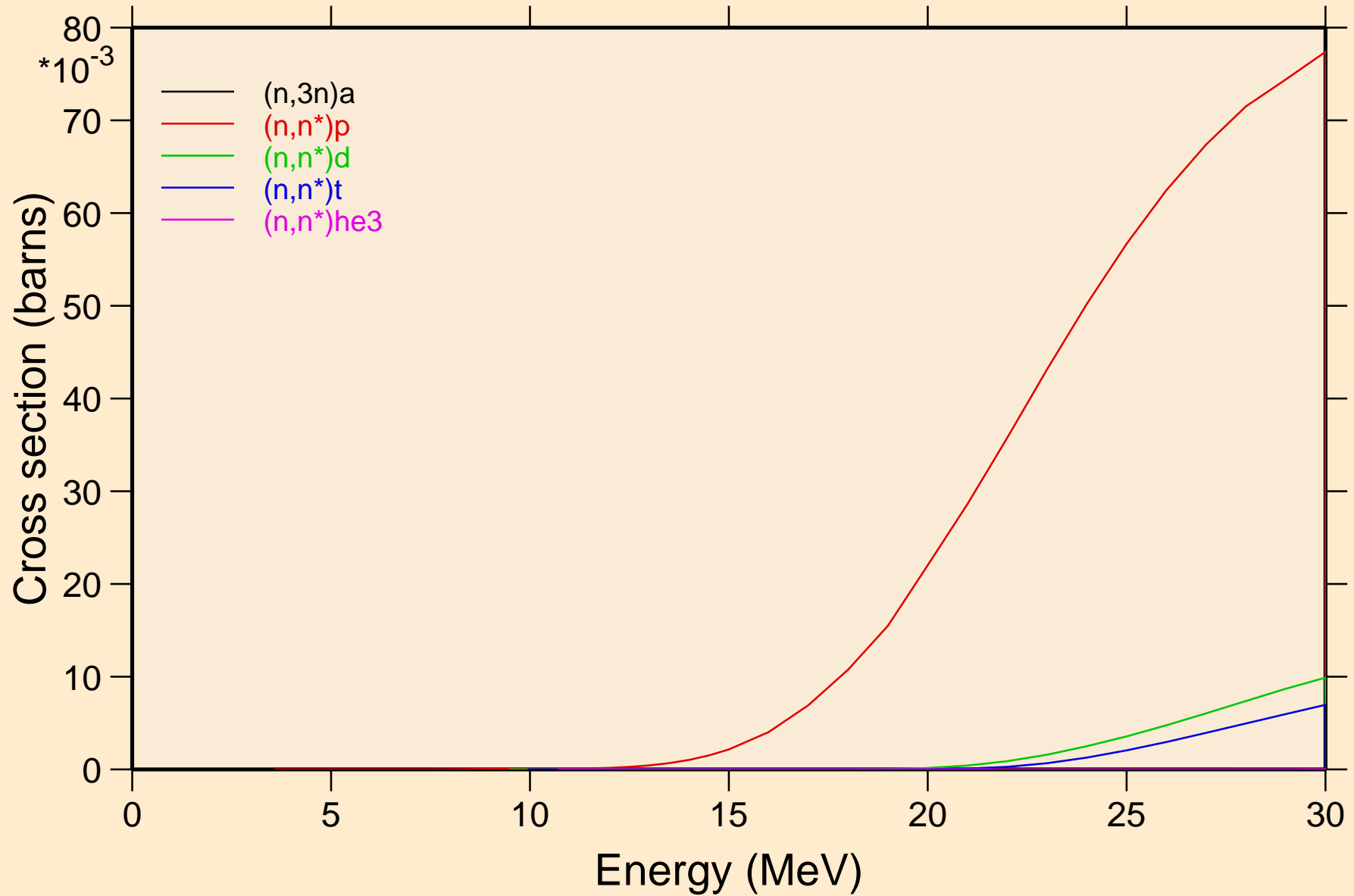


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

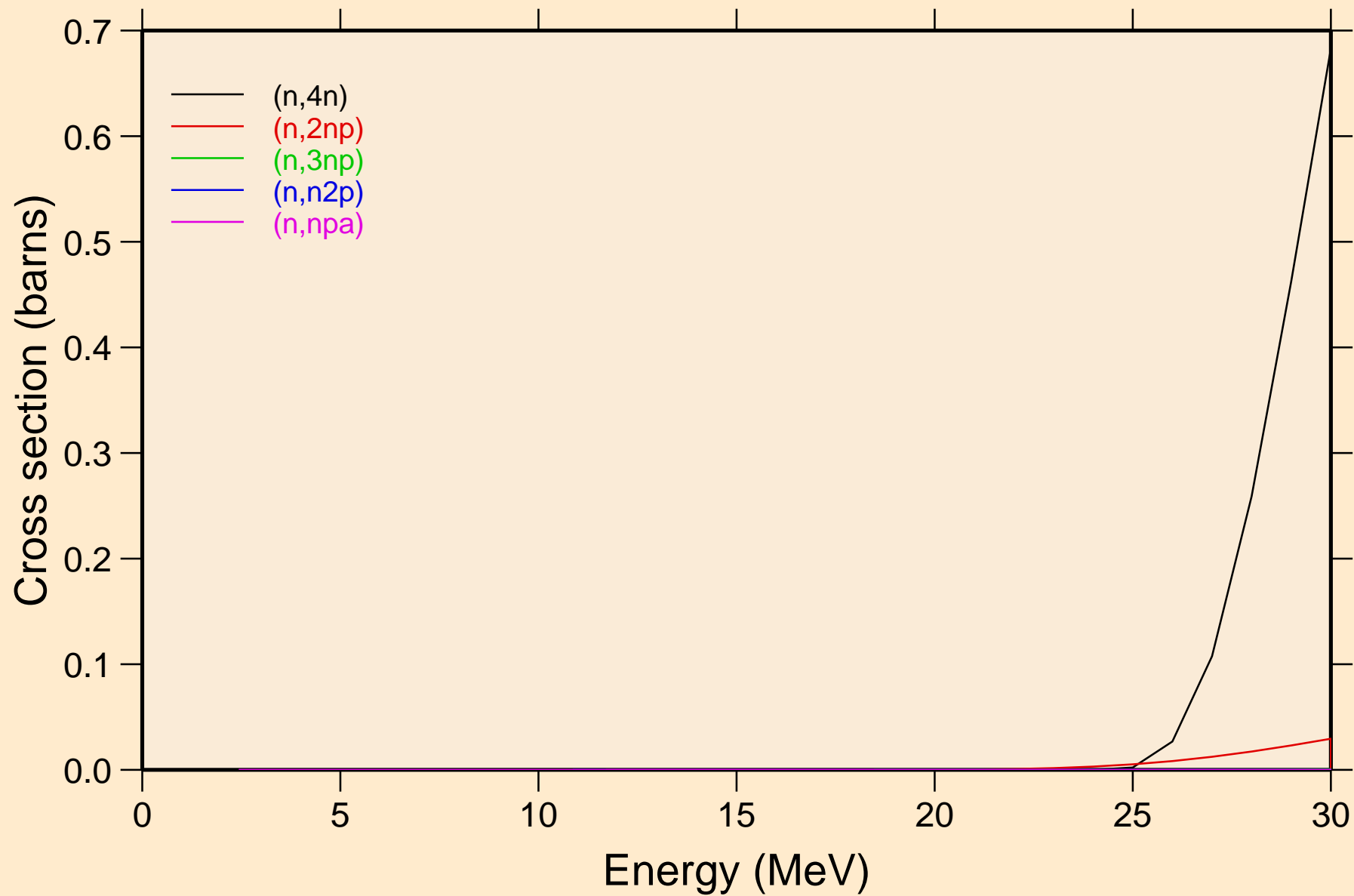


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

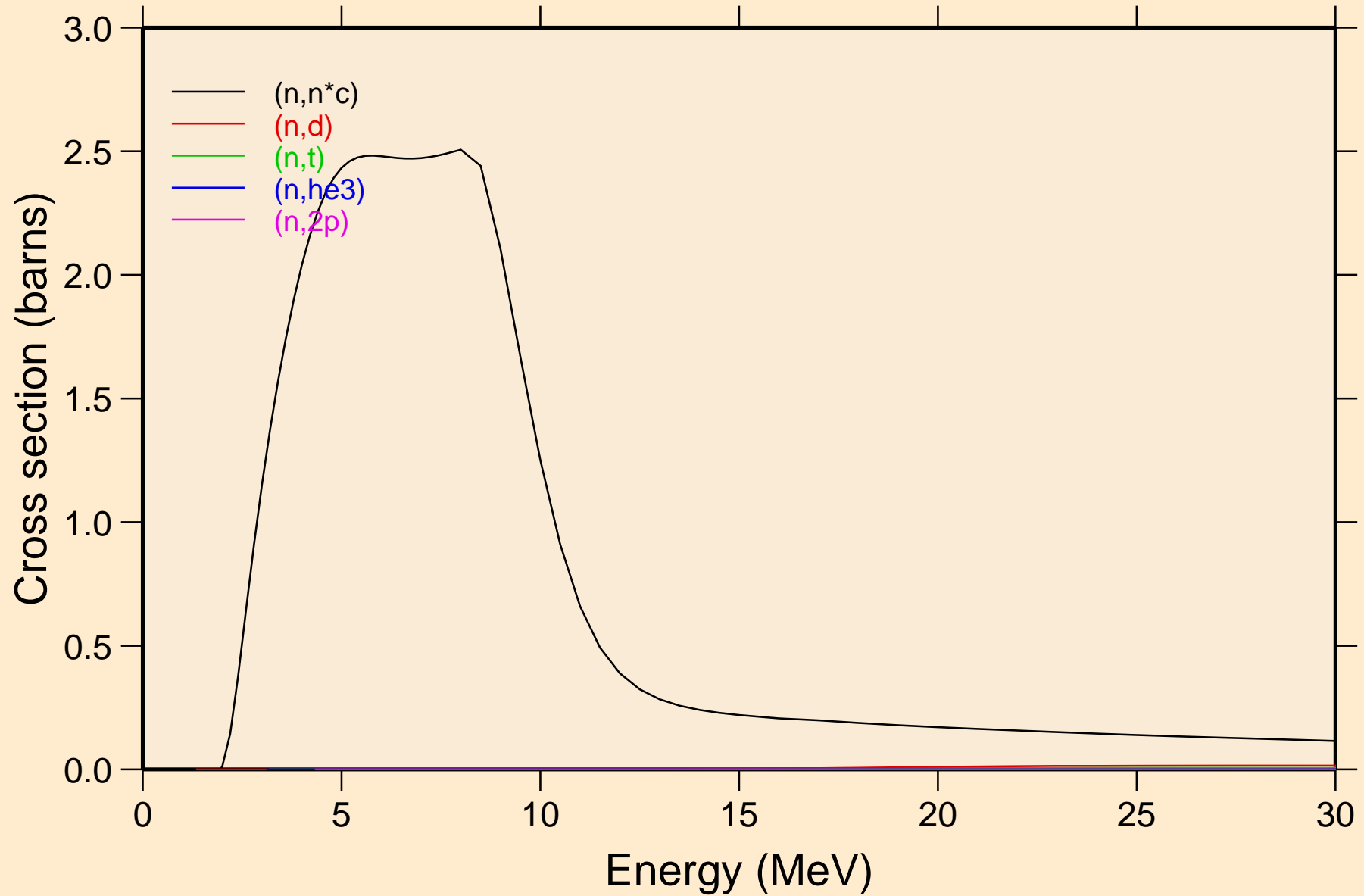
## Threshold reactions



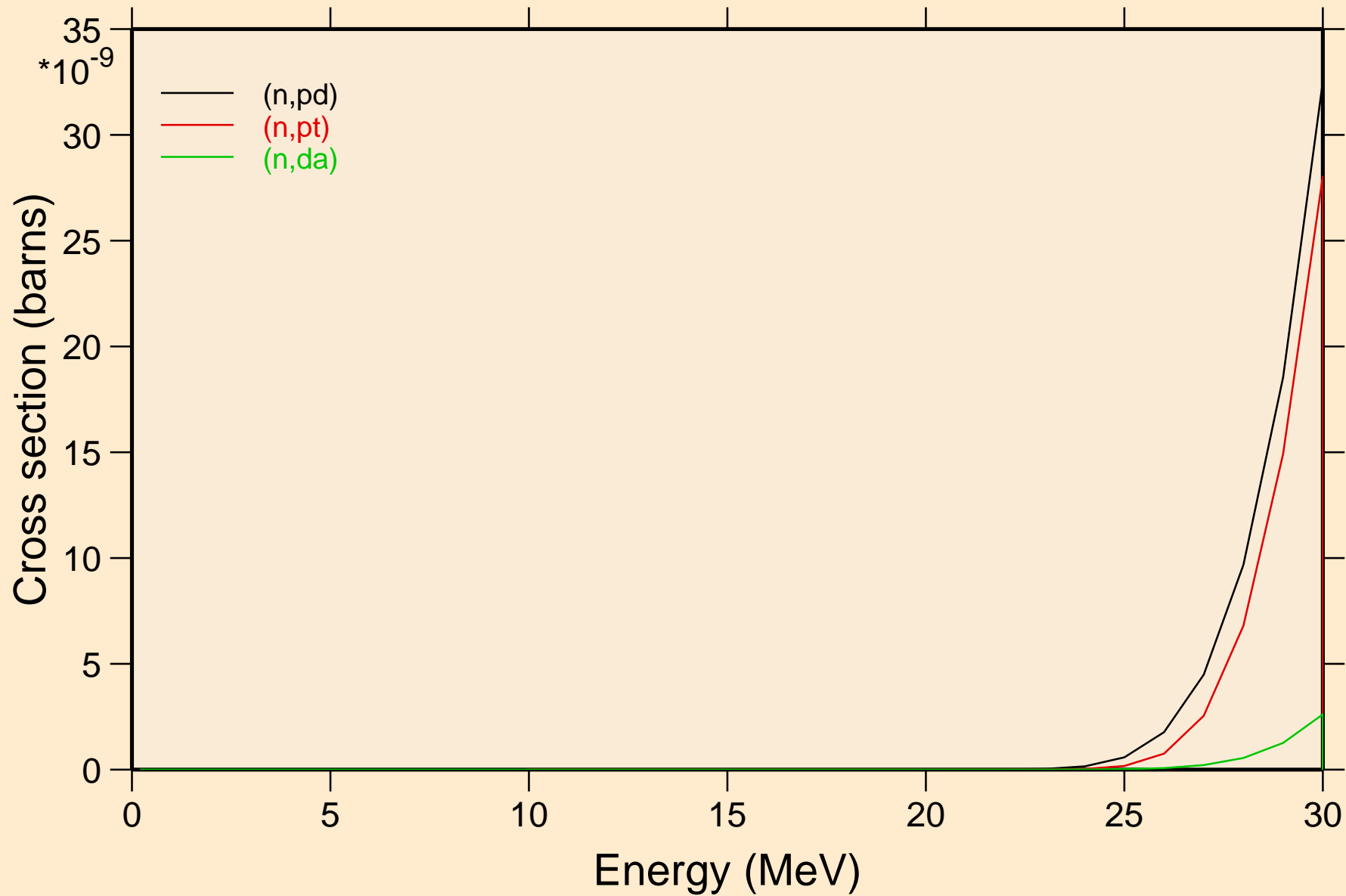
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



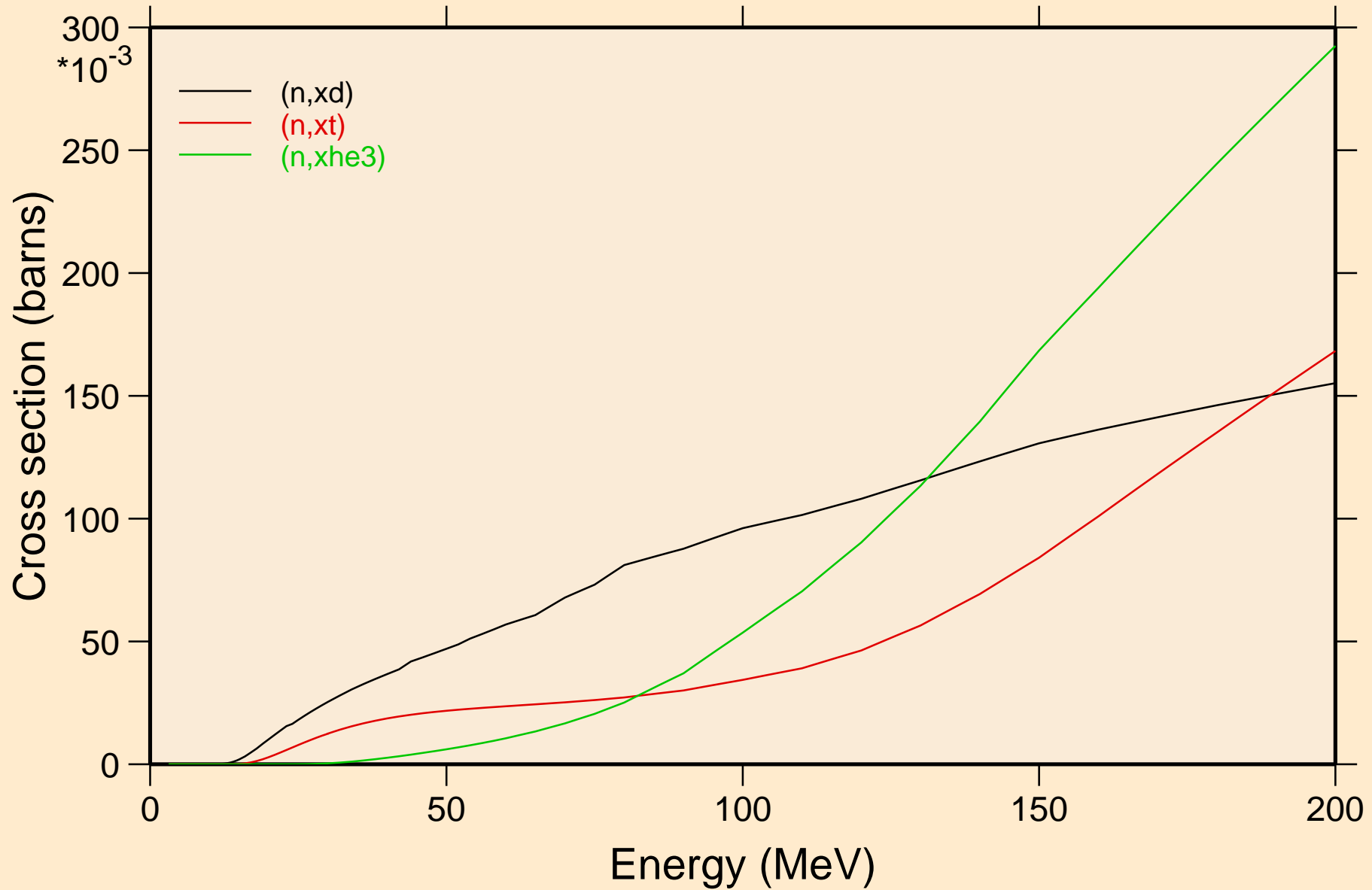
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



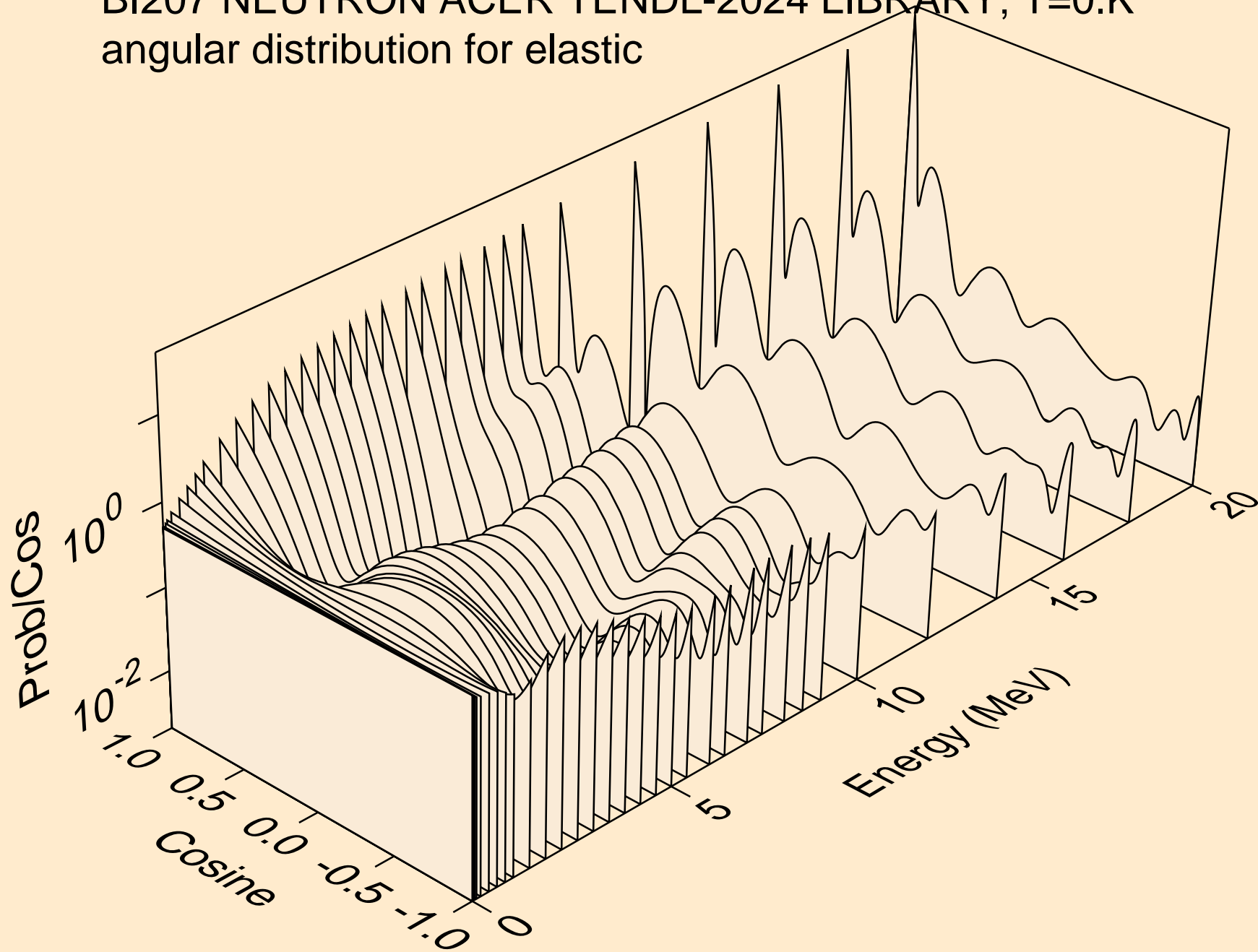
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



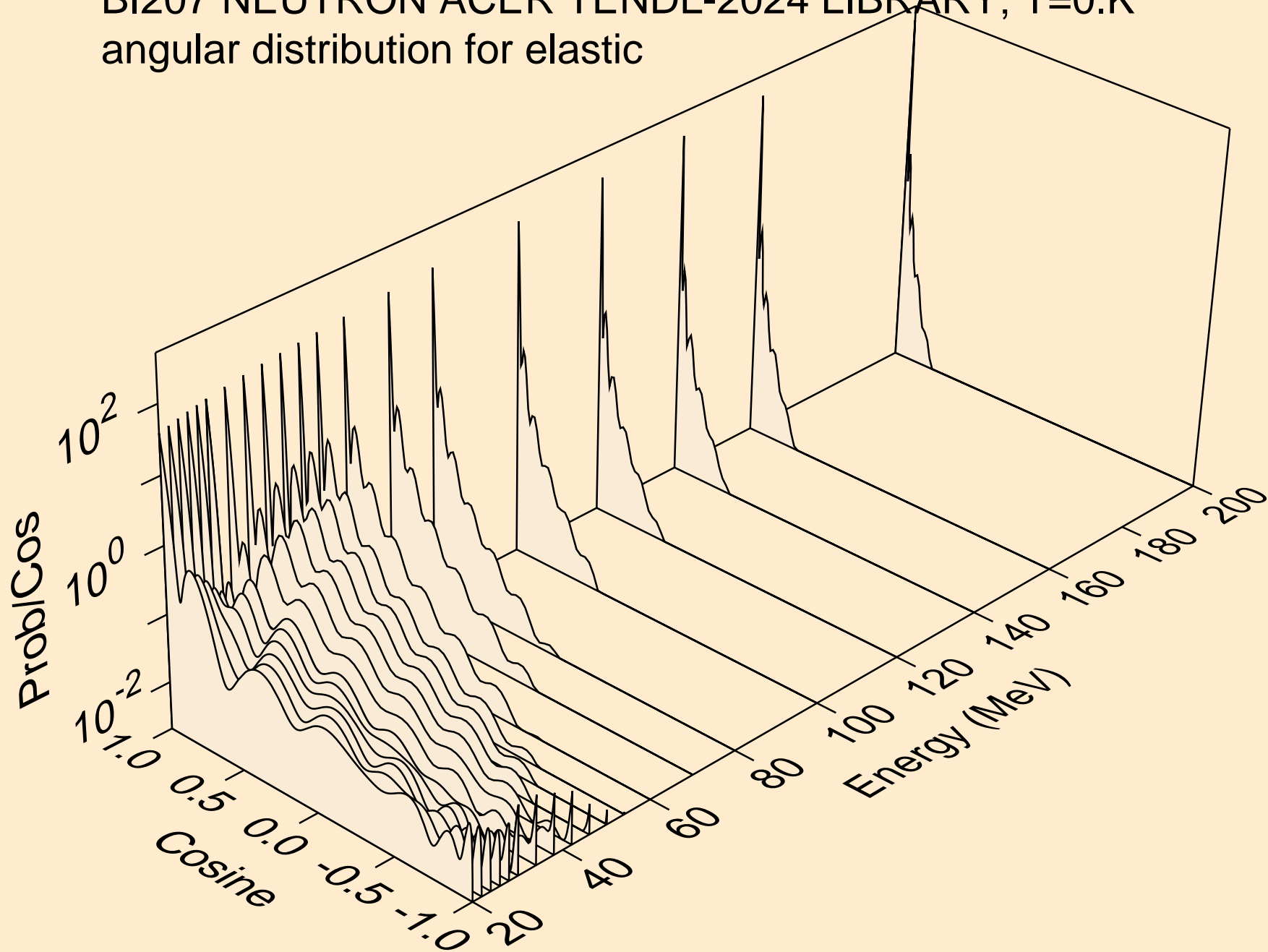
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

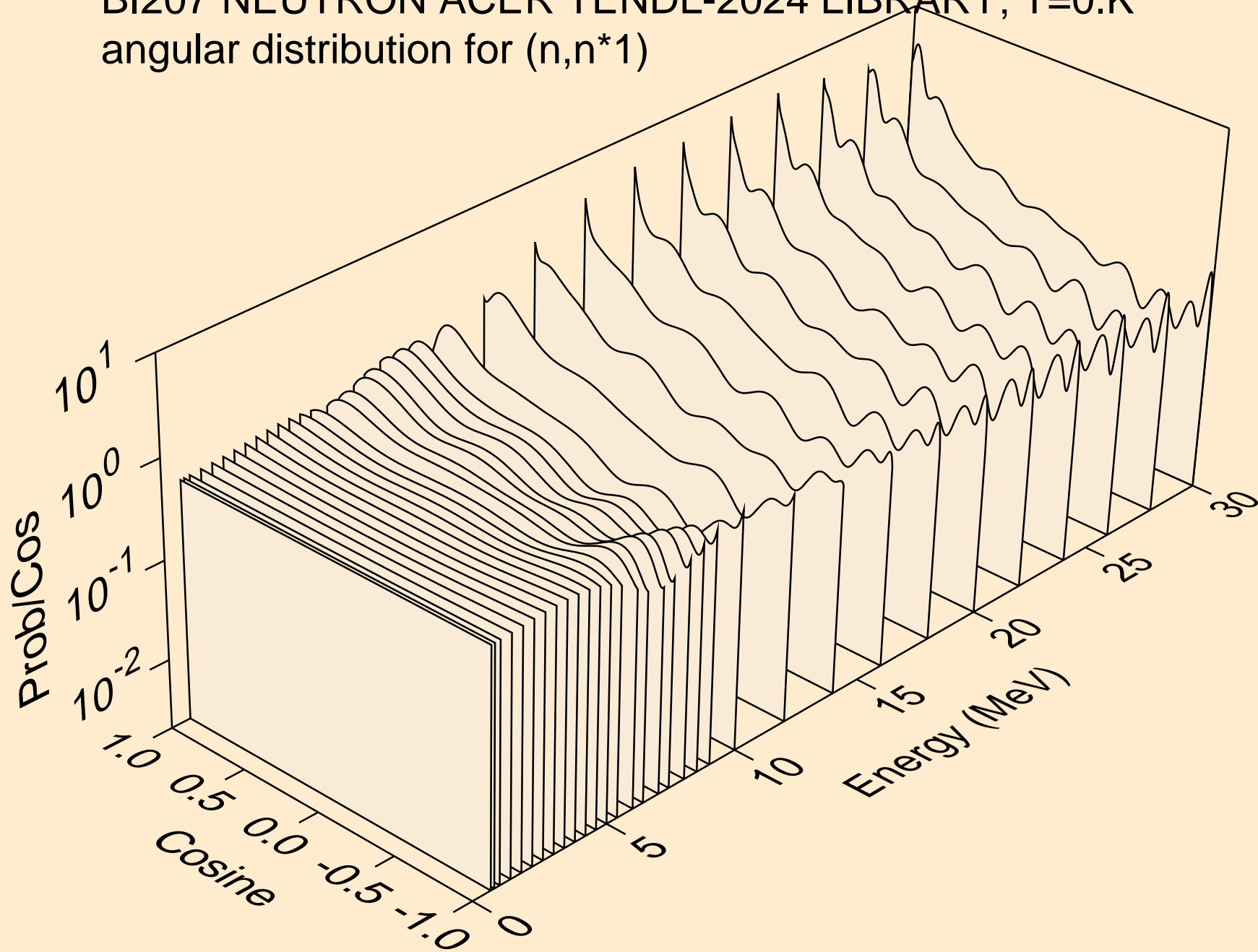


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

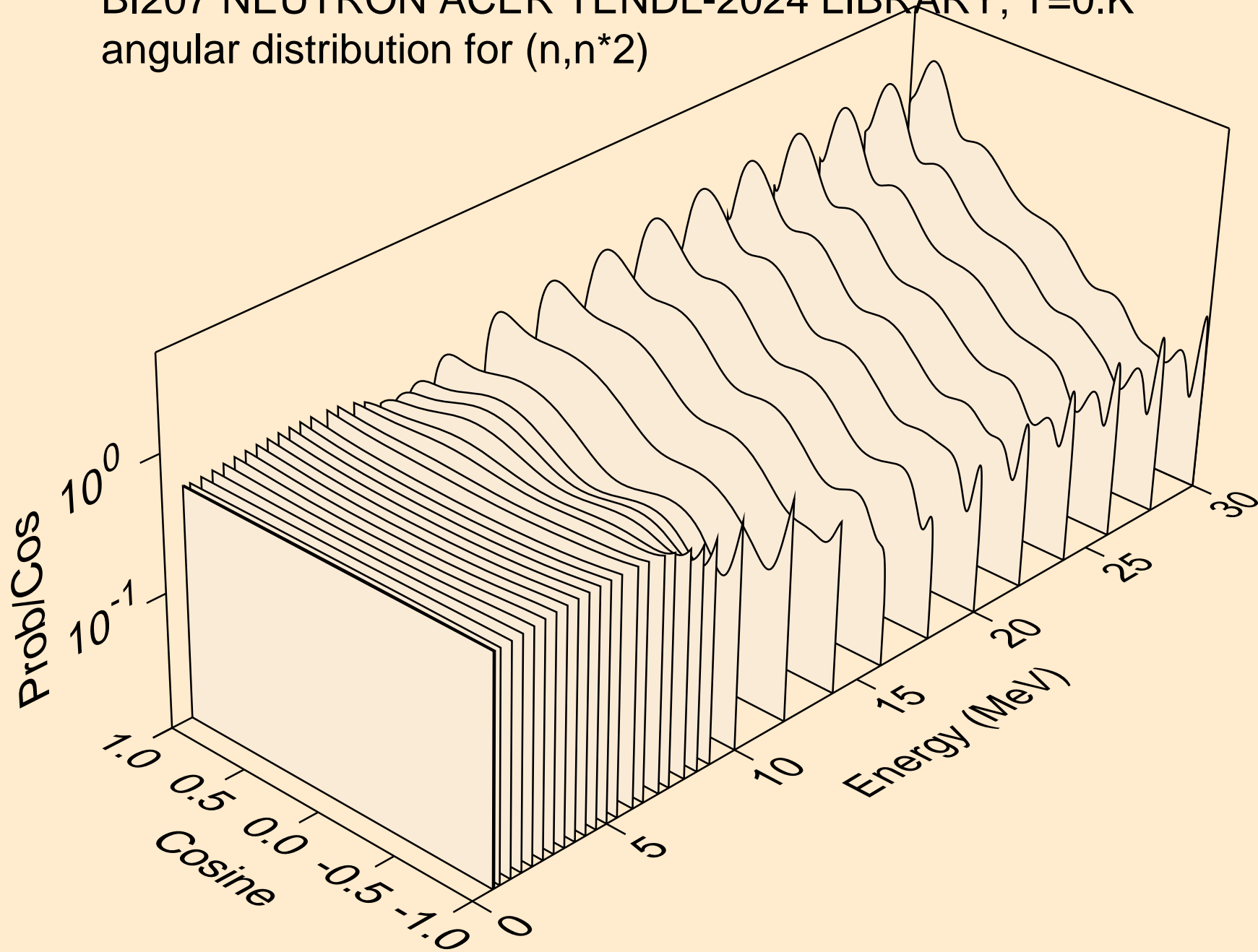




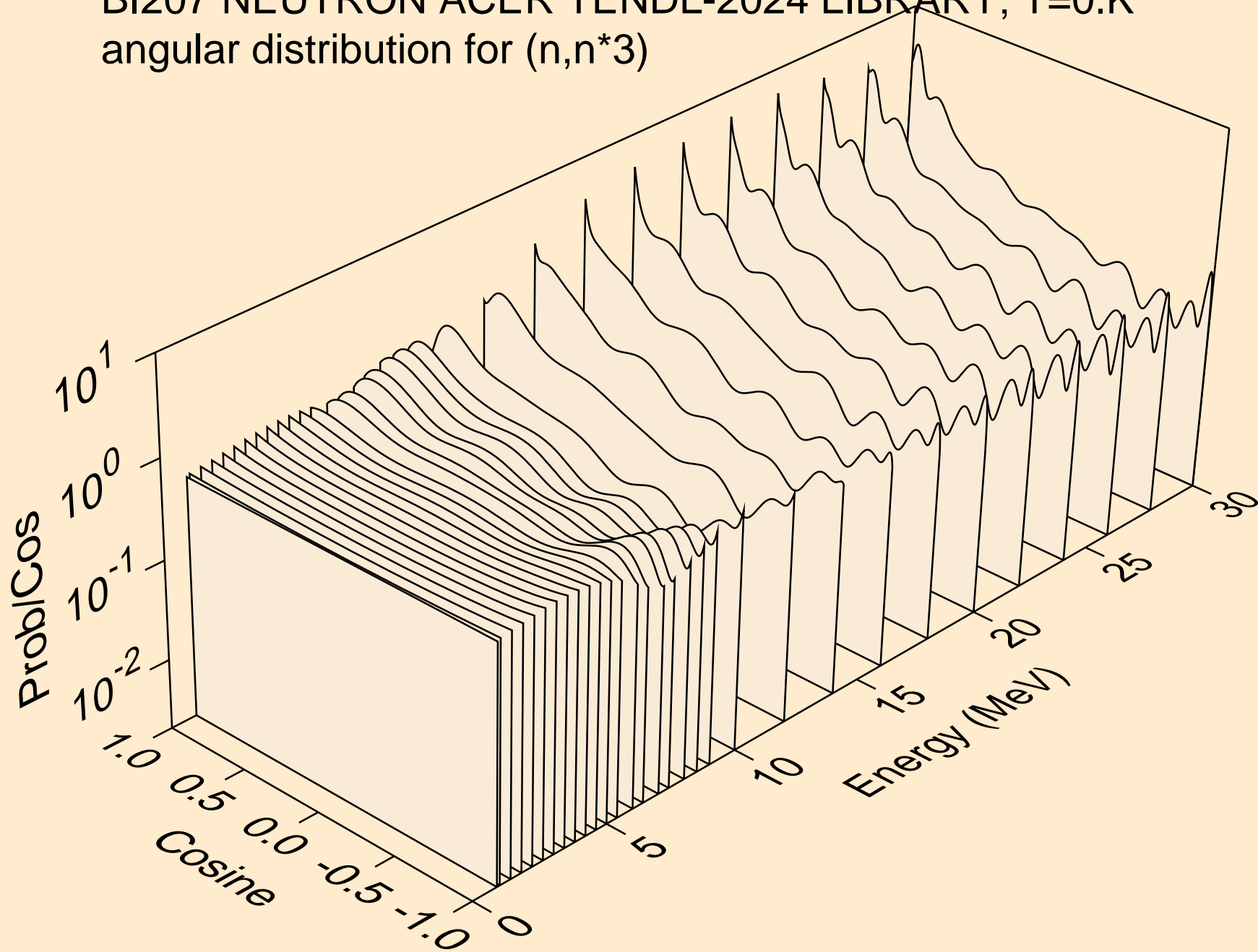
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



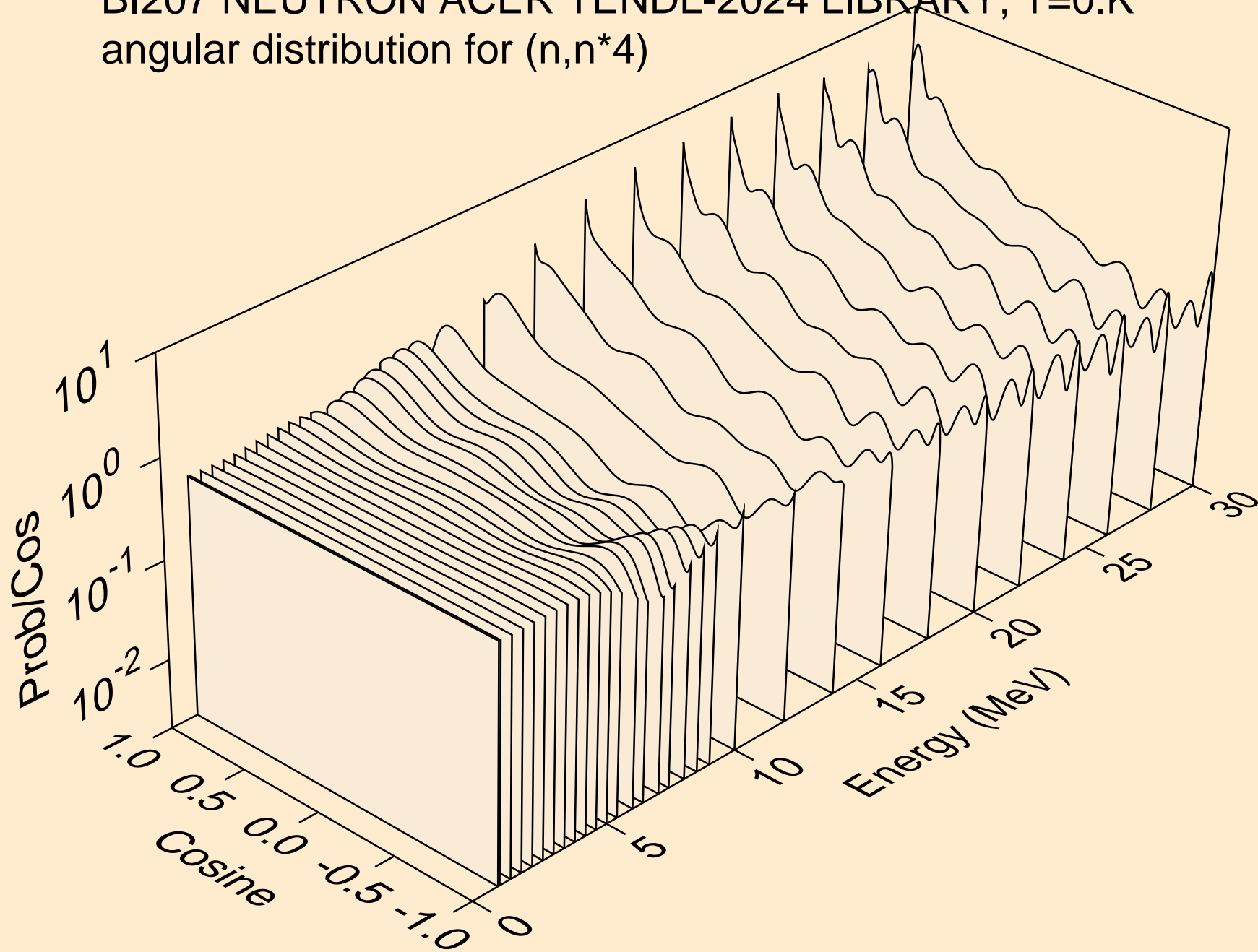
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



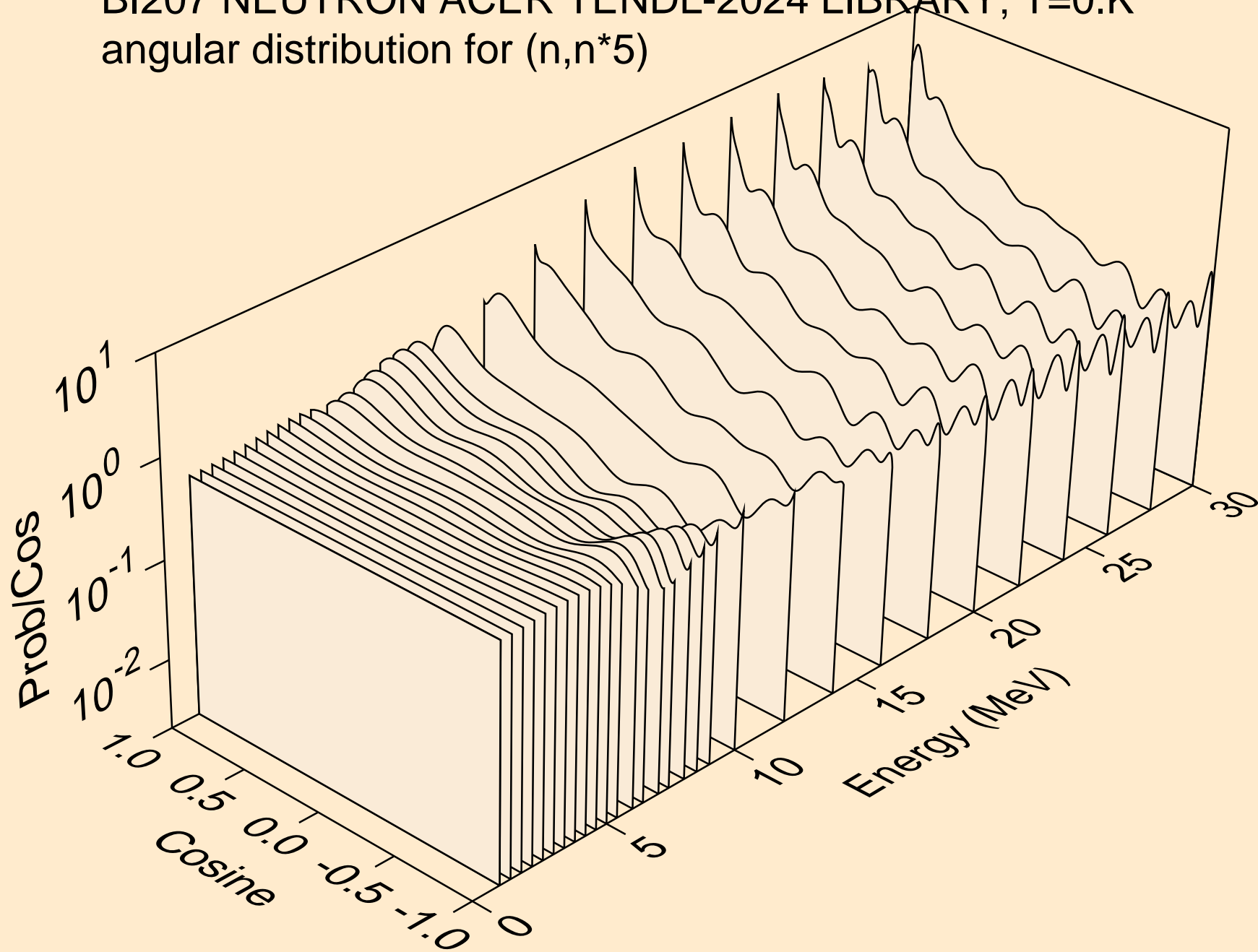
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



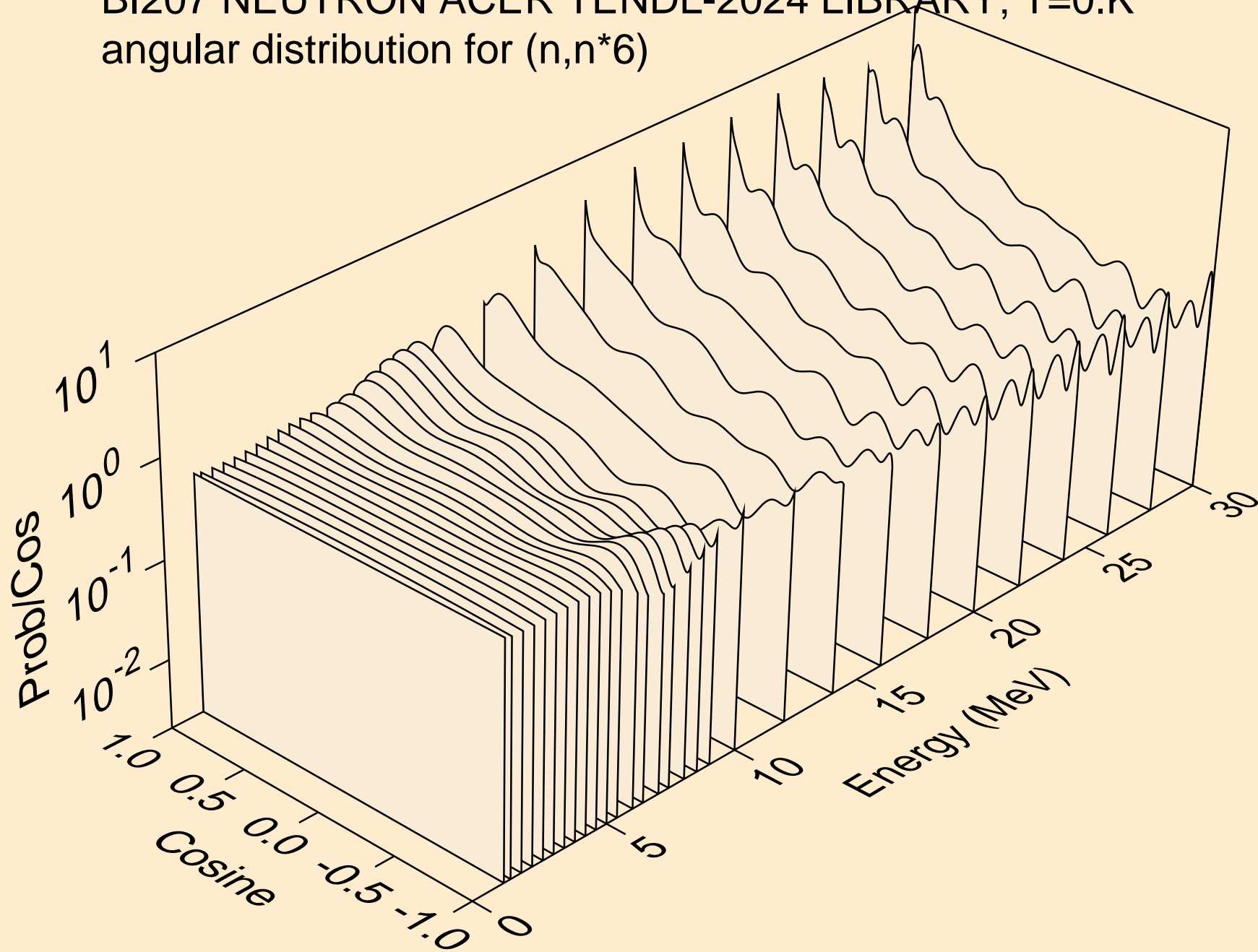
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



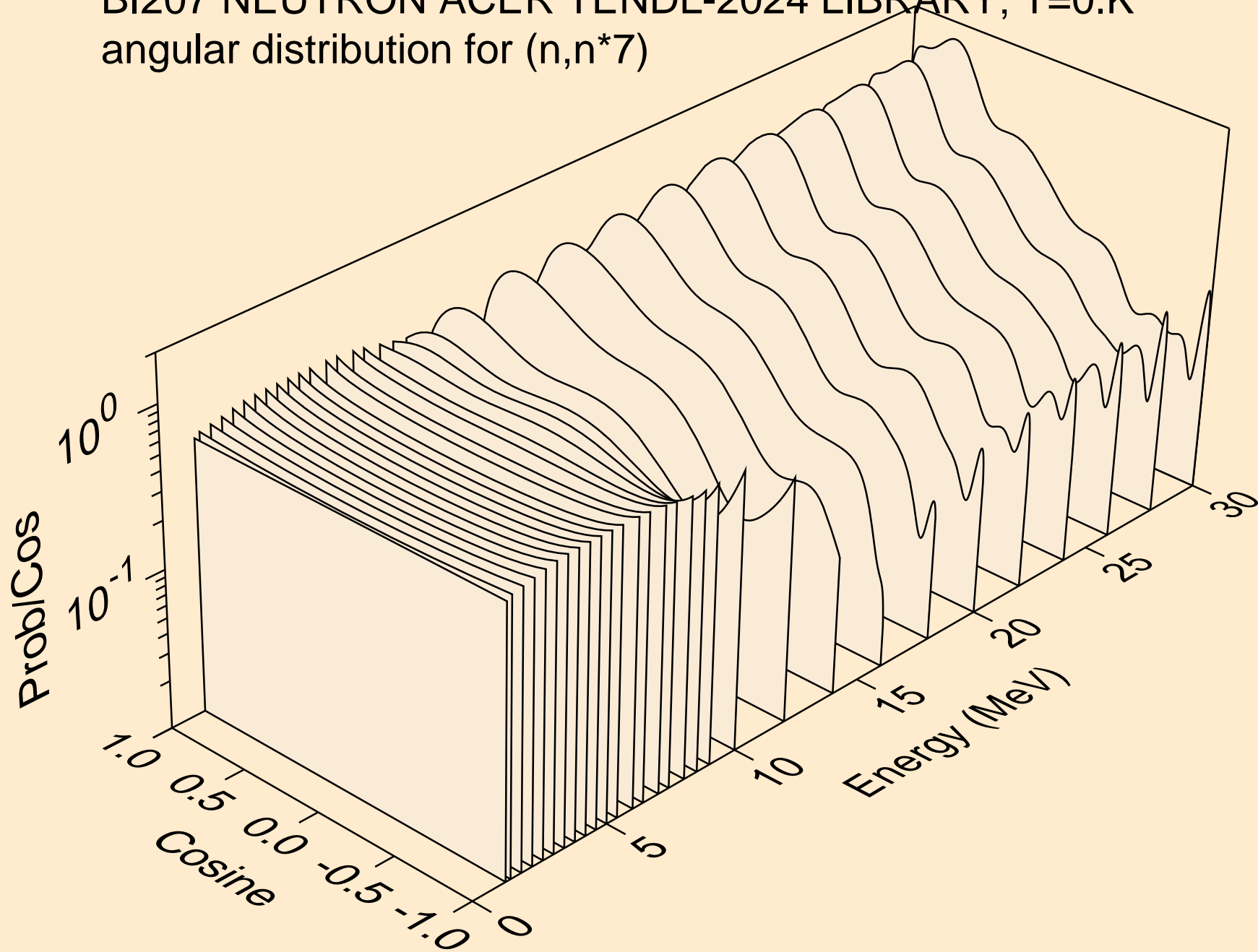
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



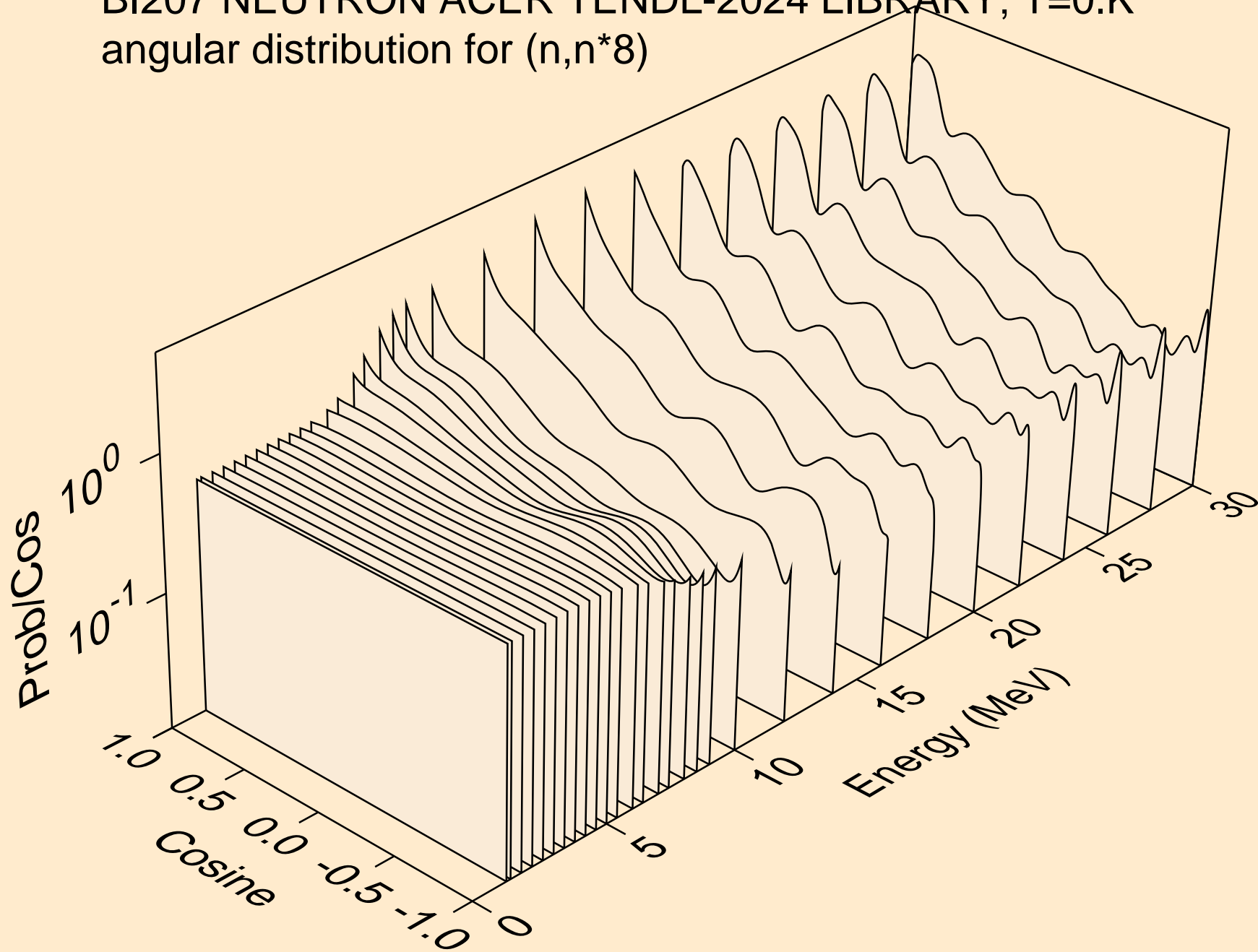
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

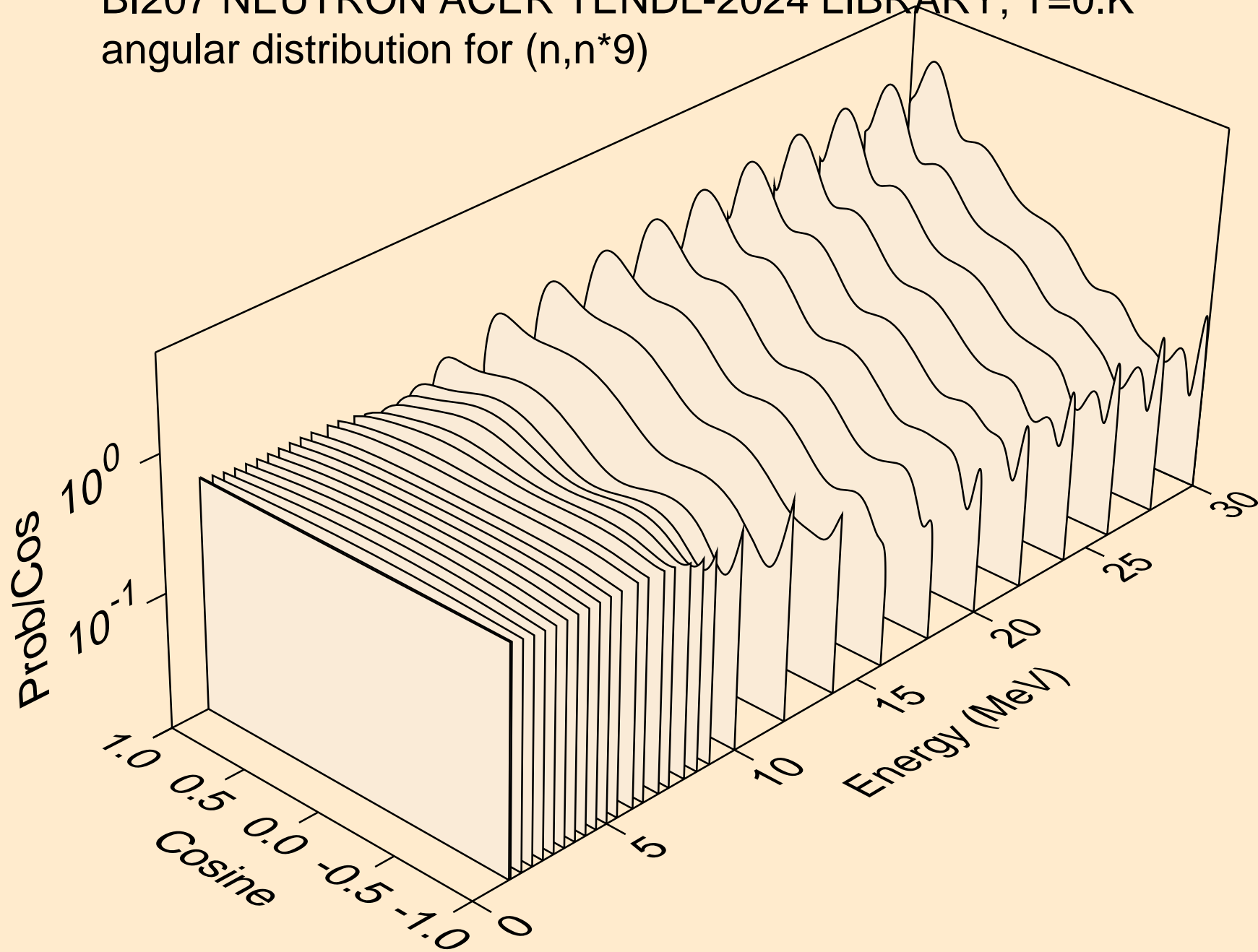


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

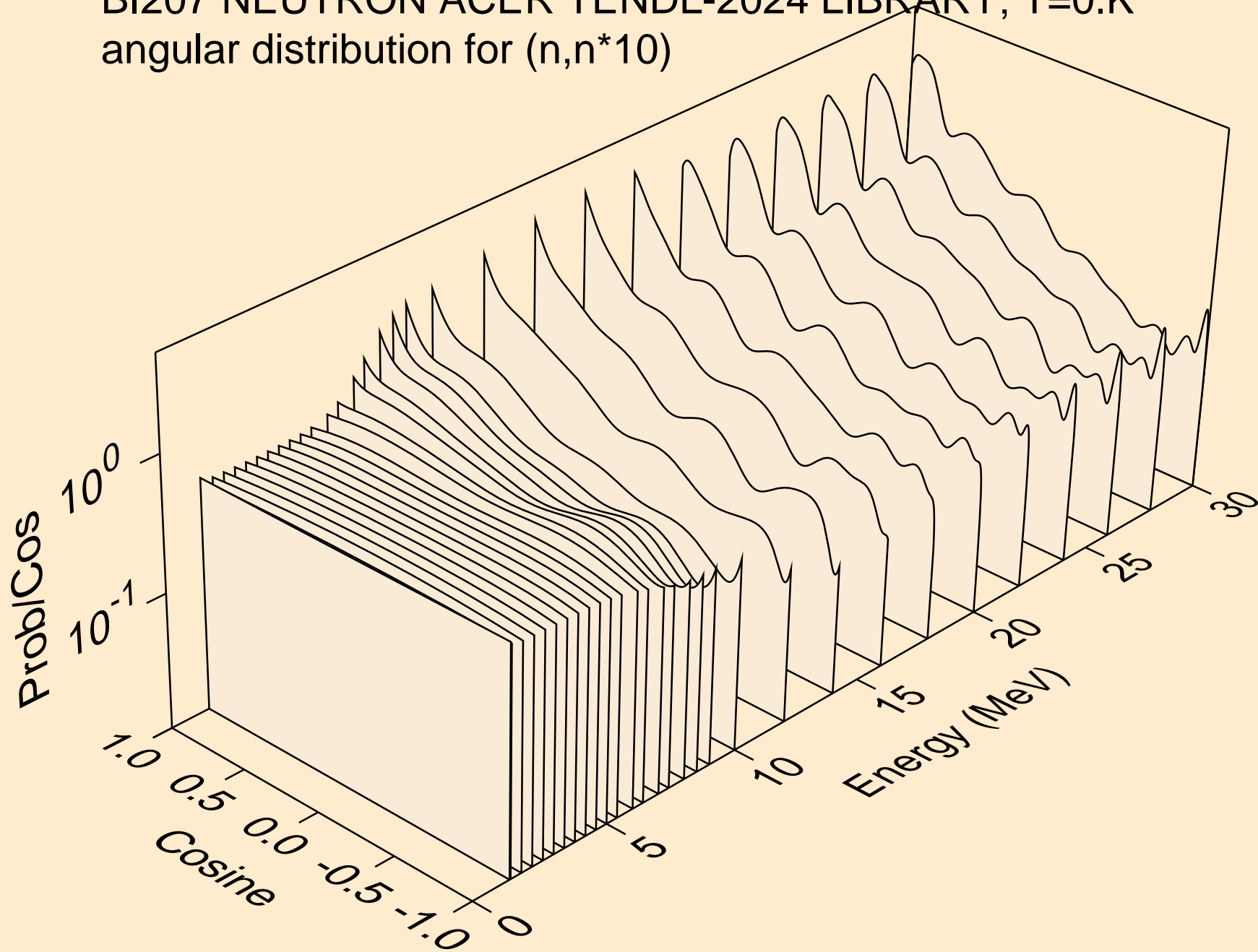




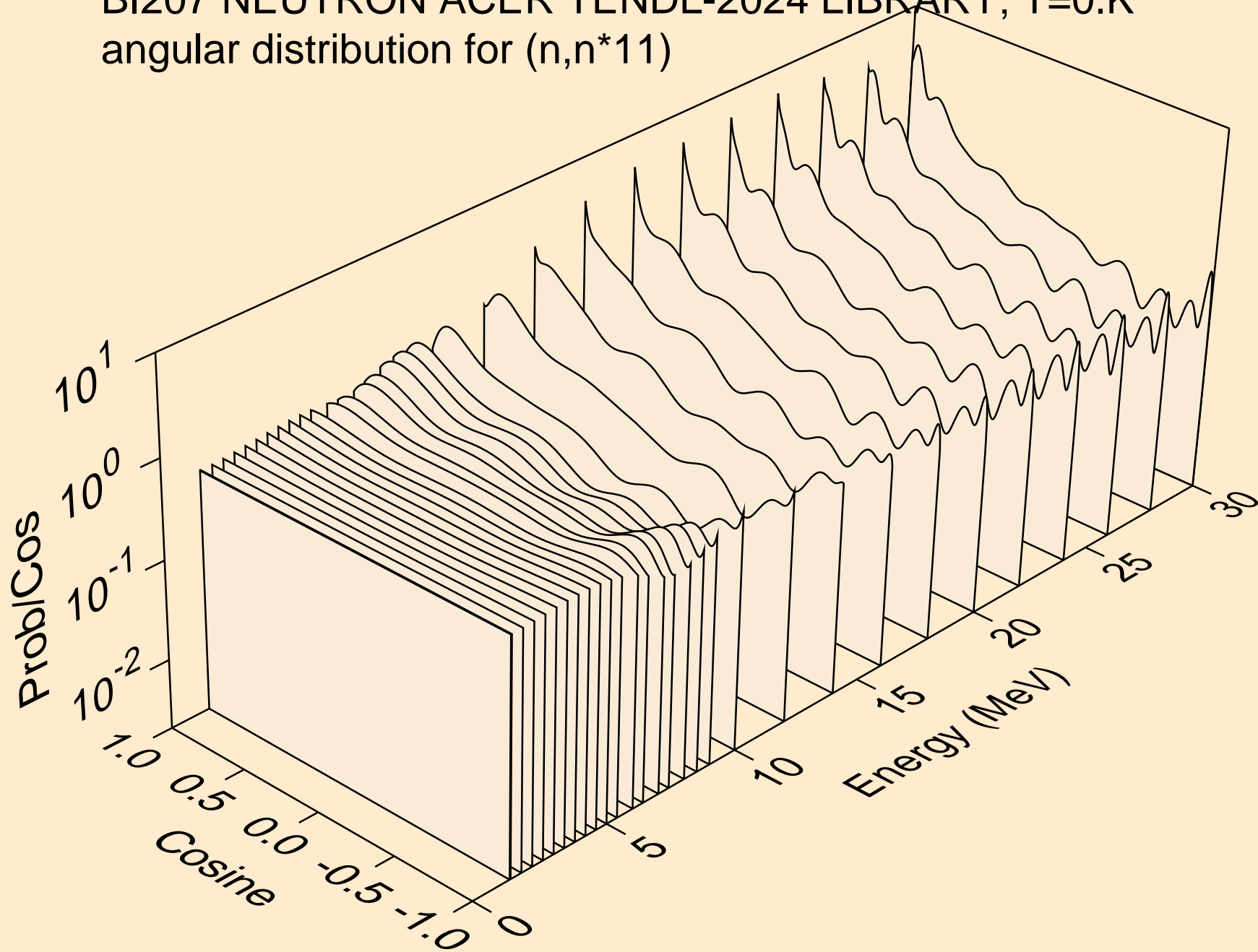
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



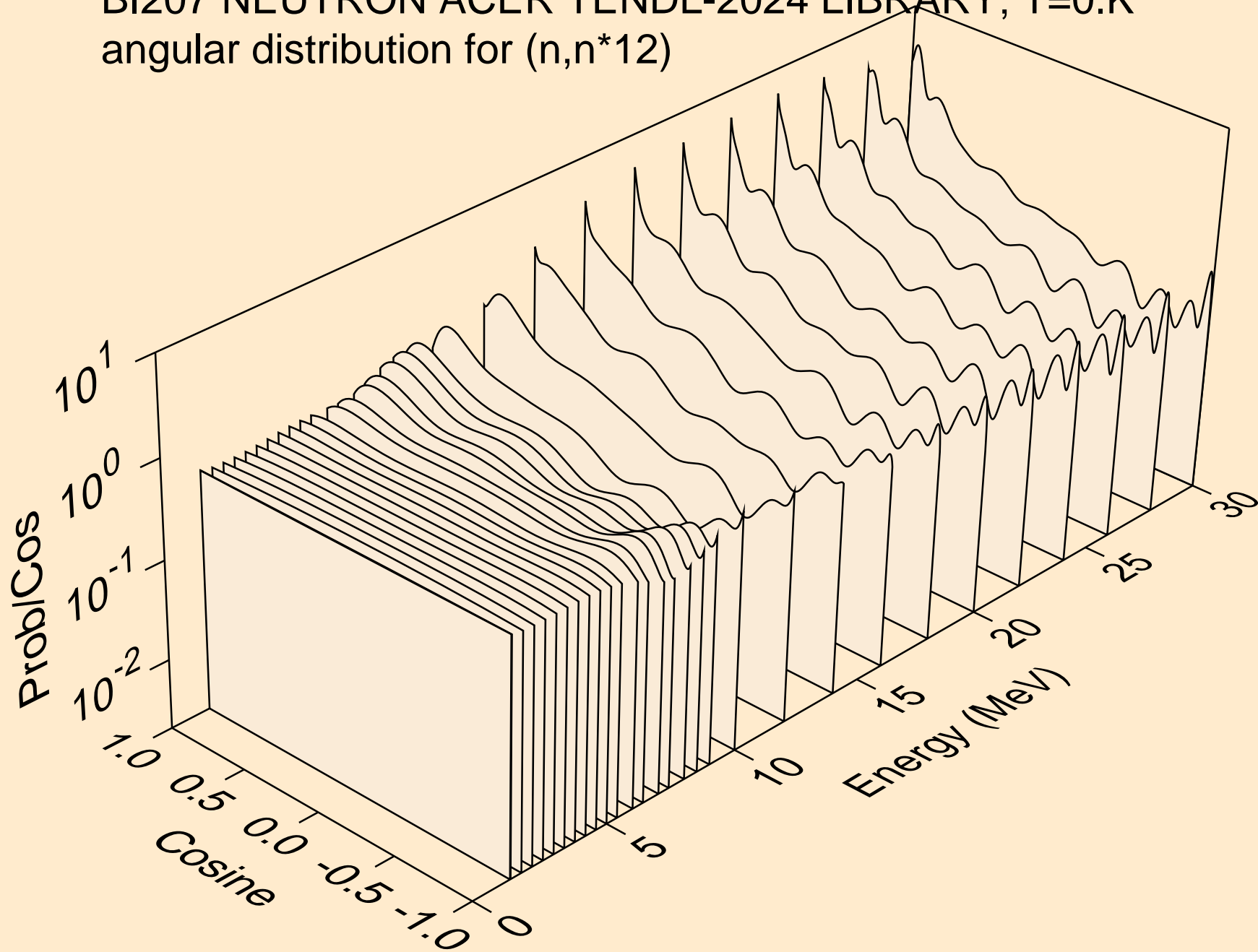
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



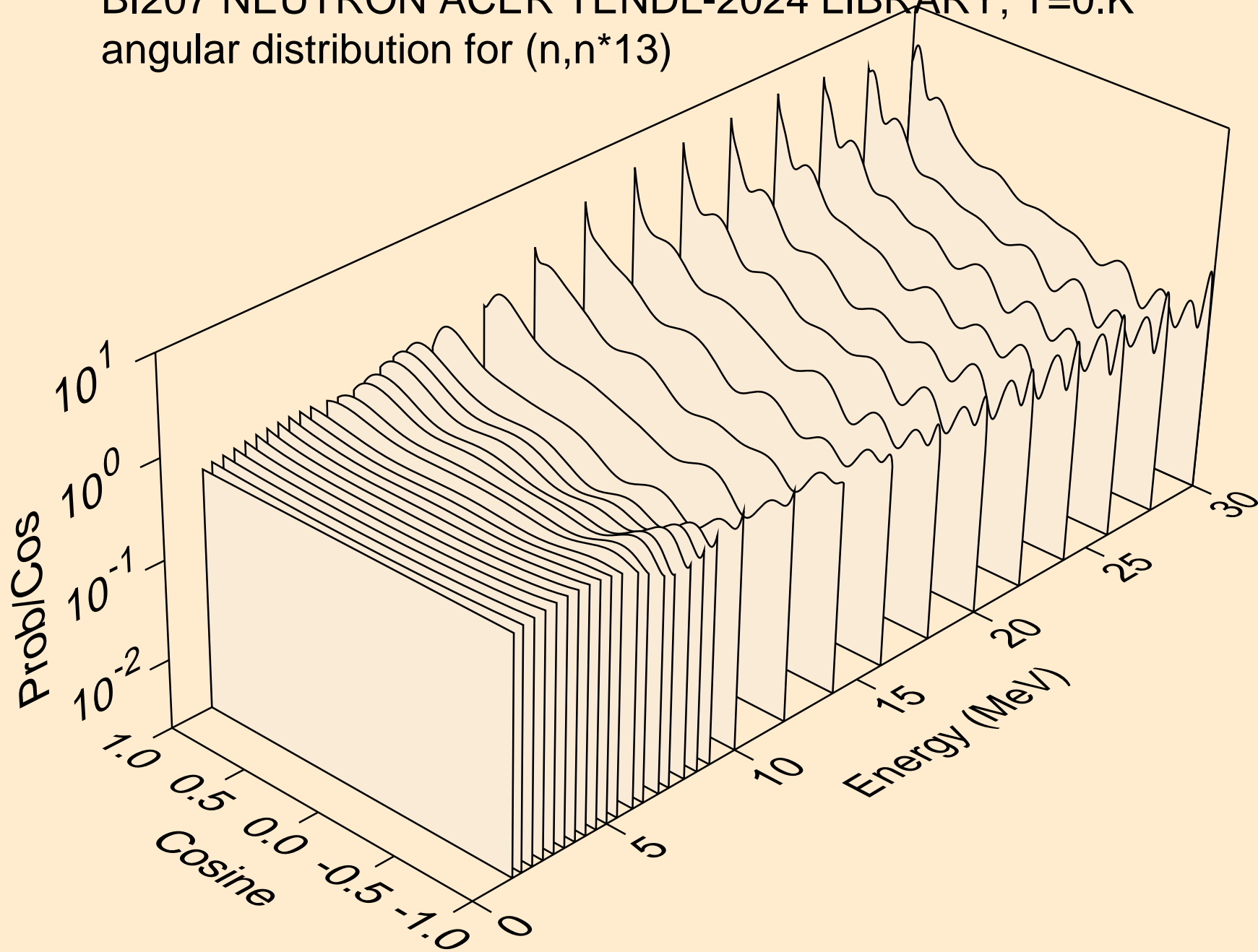
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



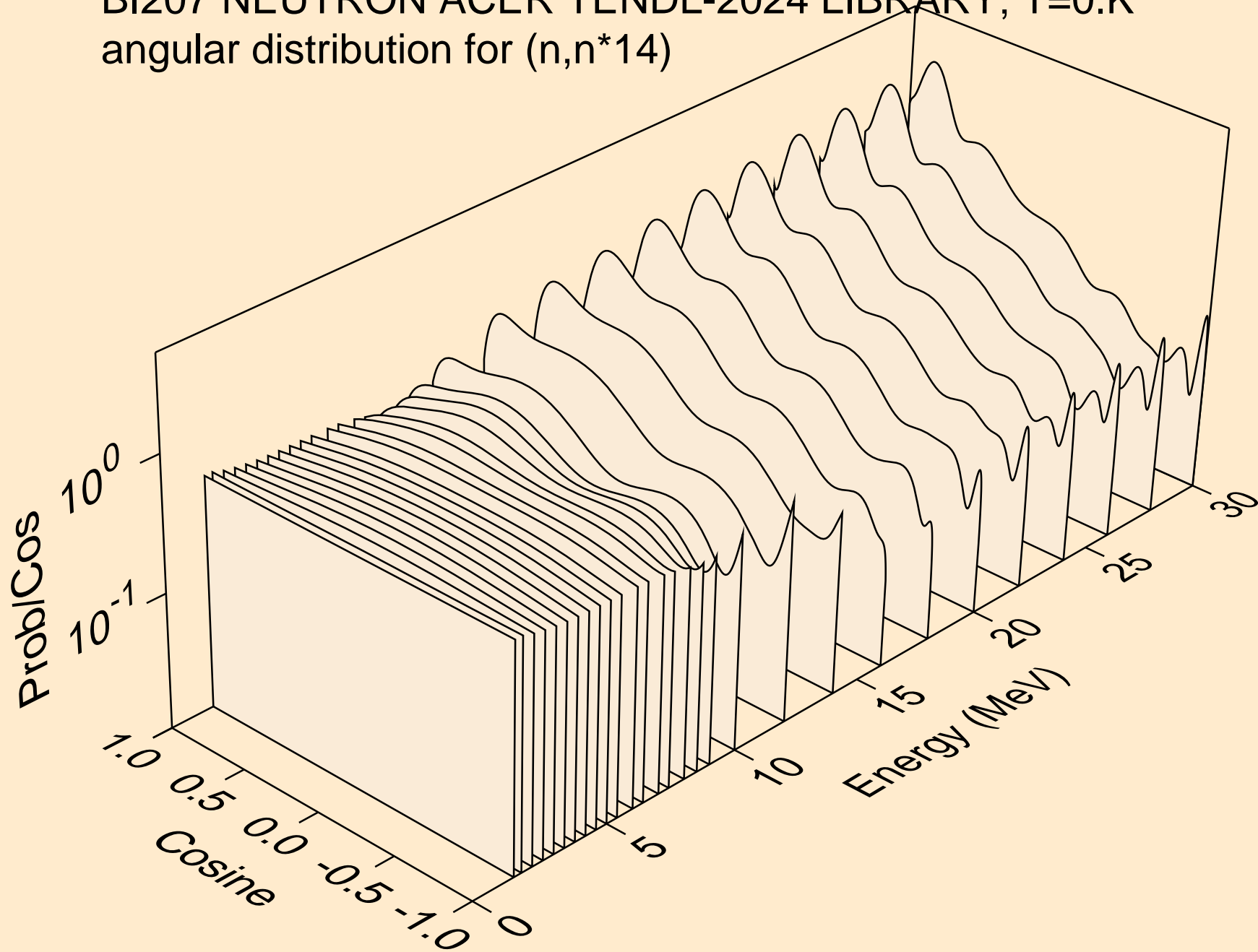
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



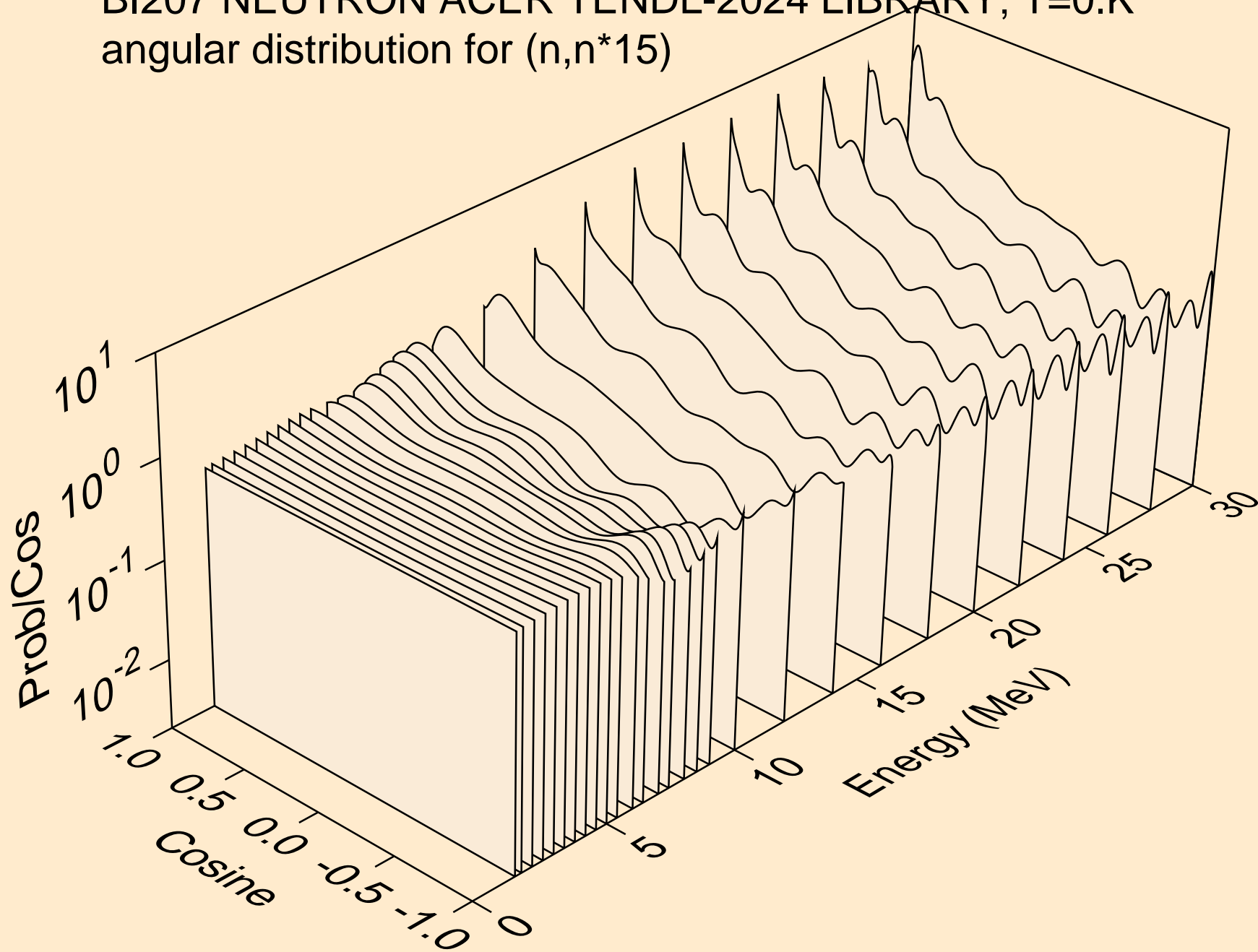
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



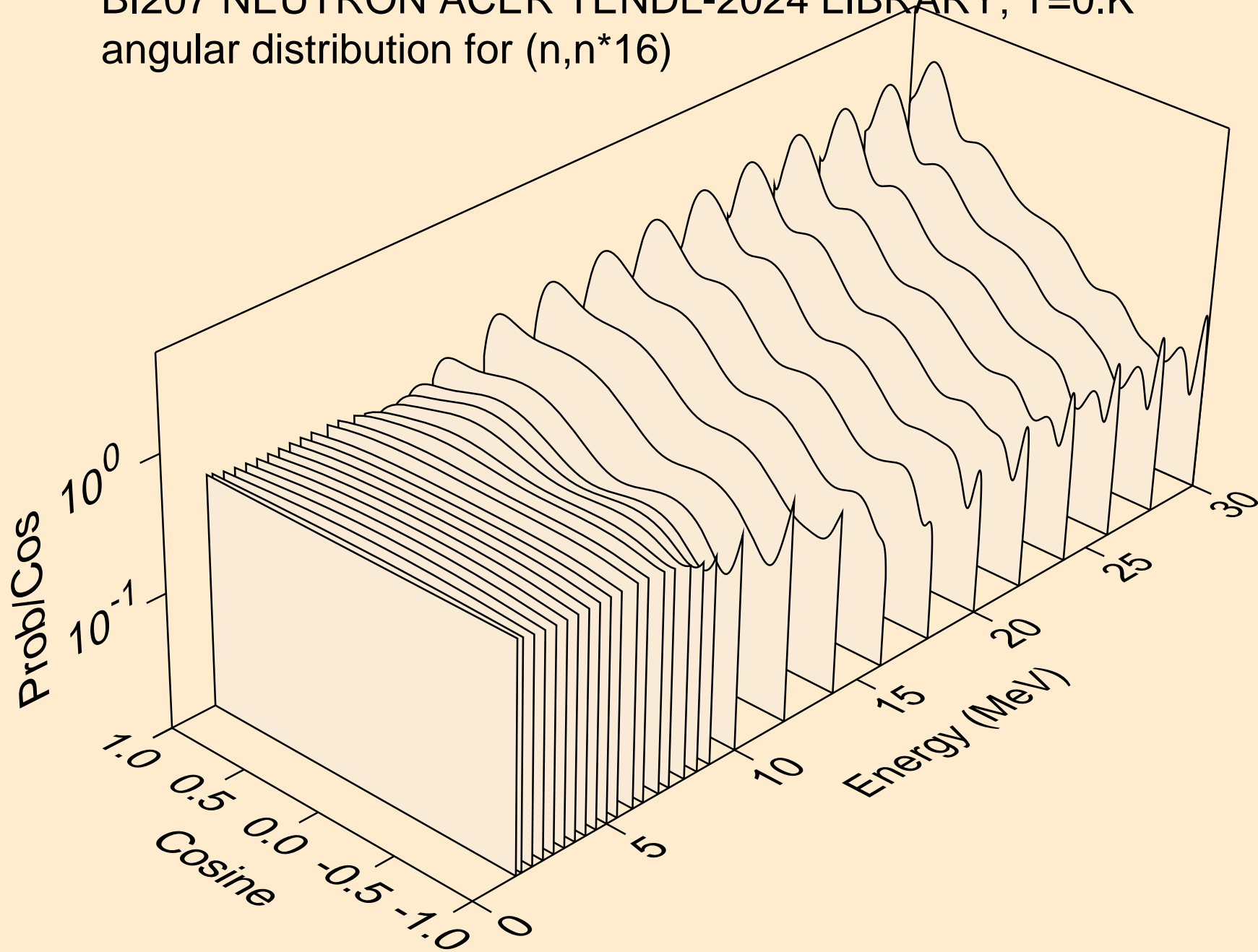
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

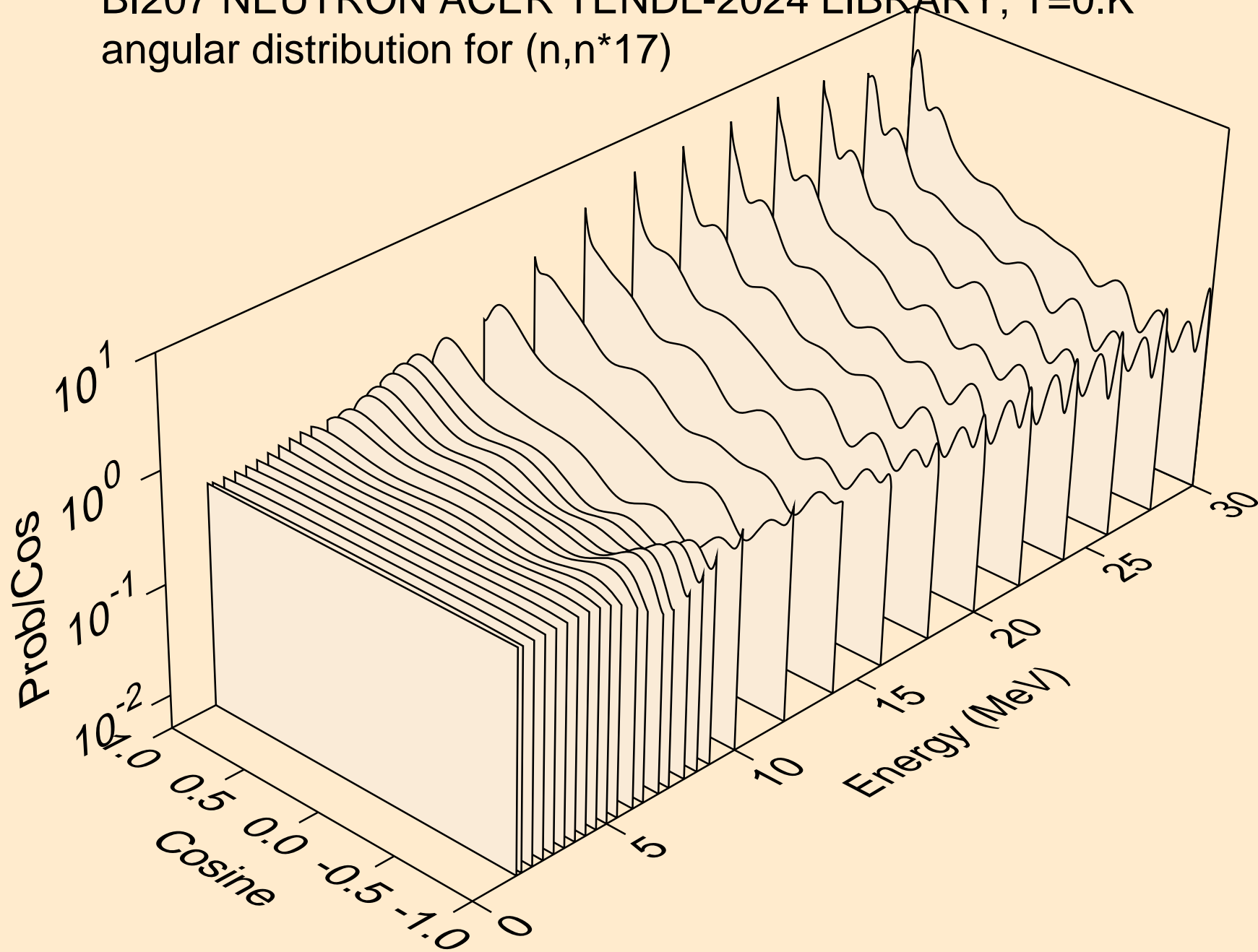


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

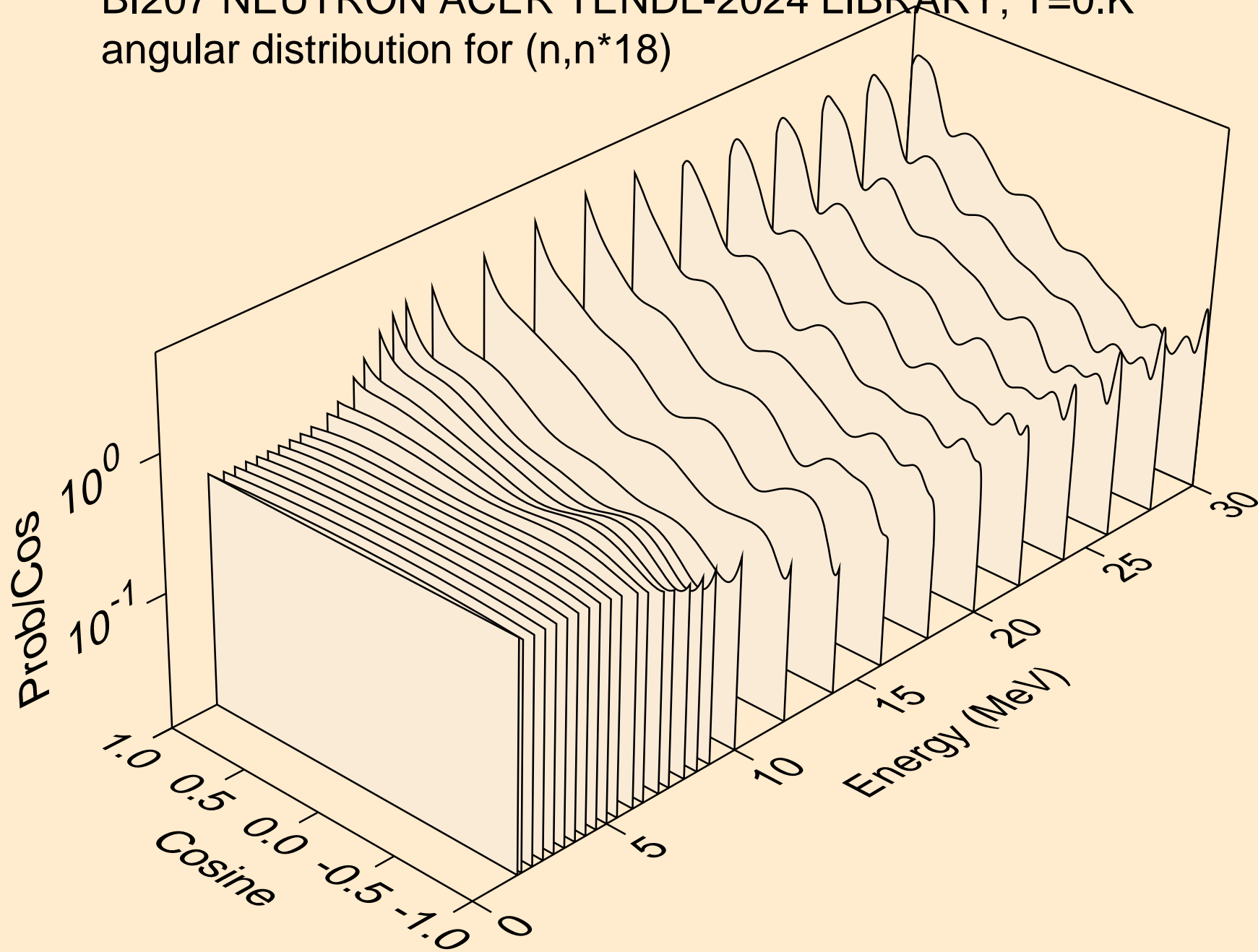




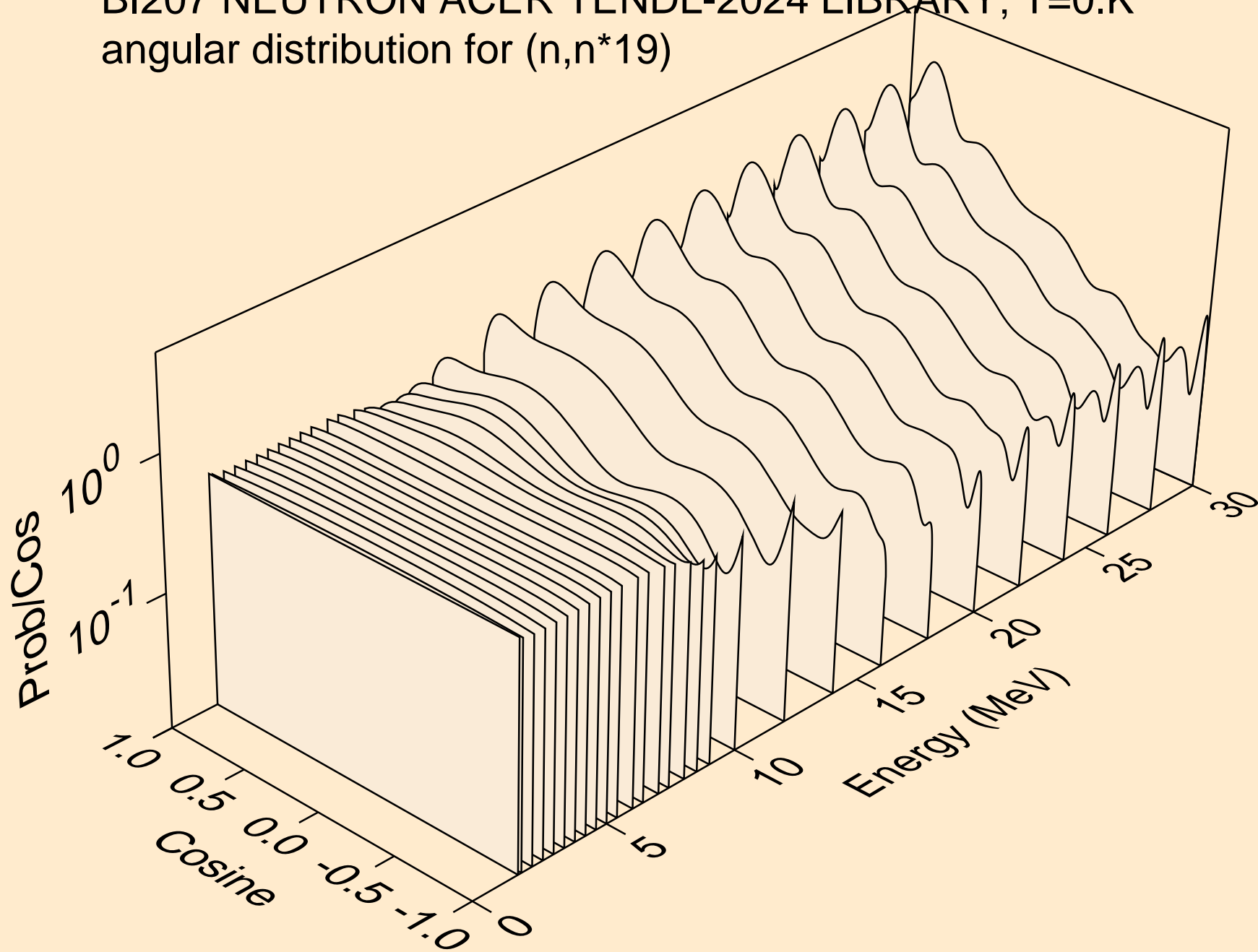
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



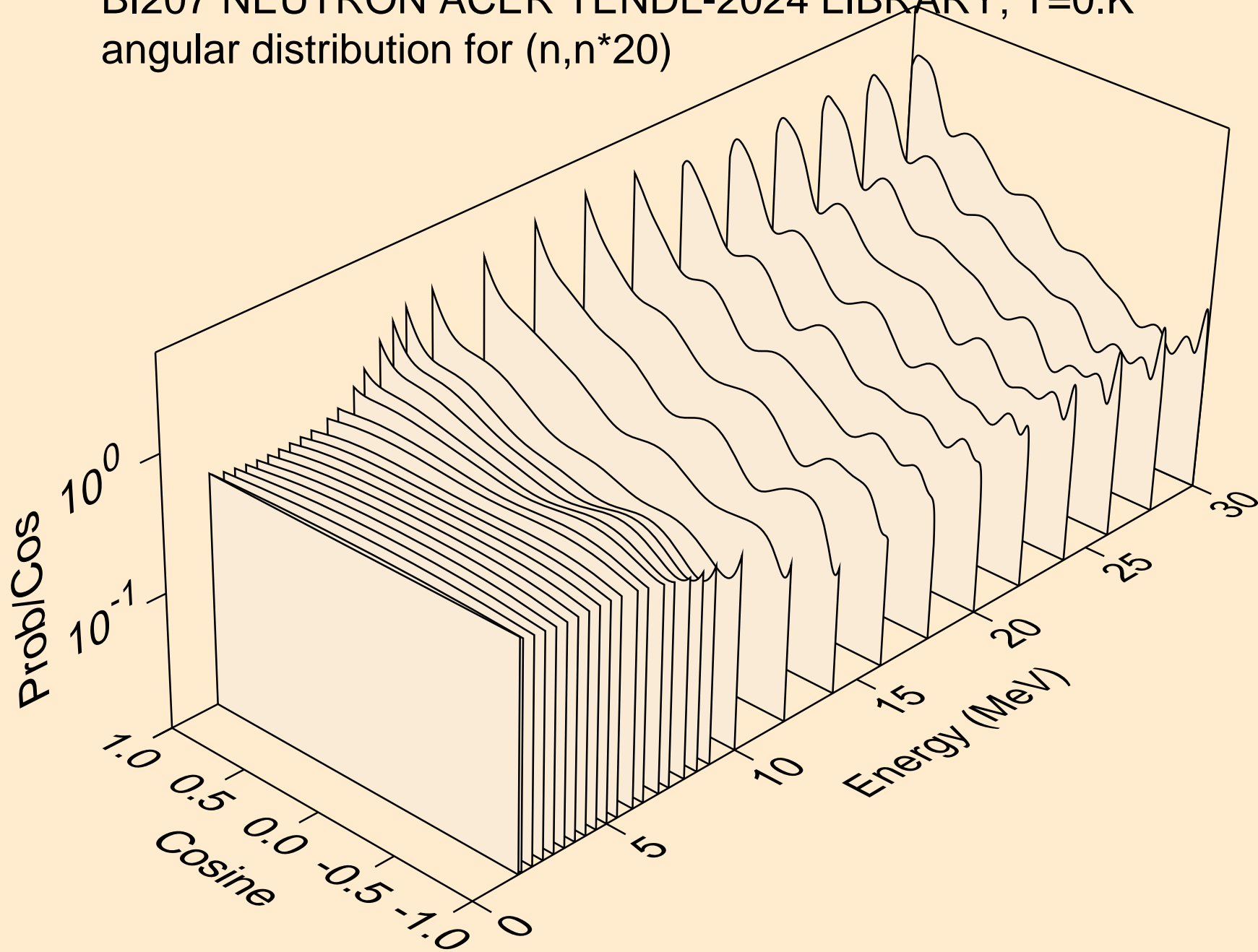
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



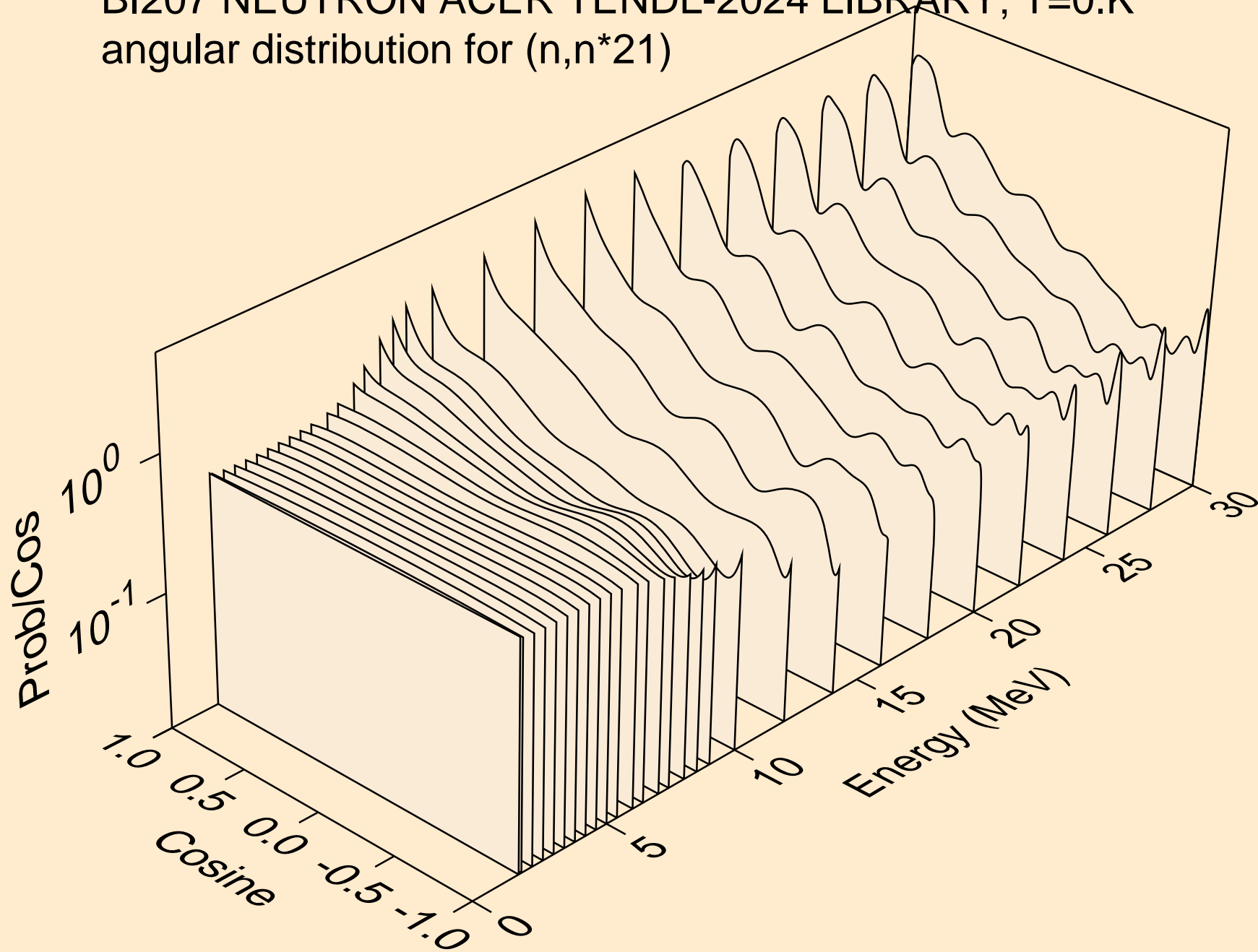
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



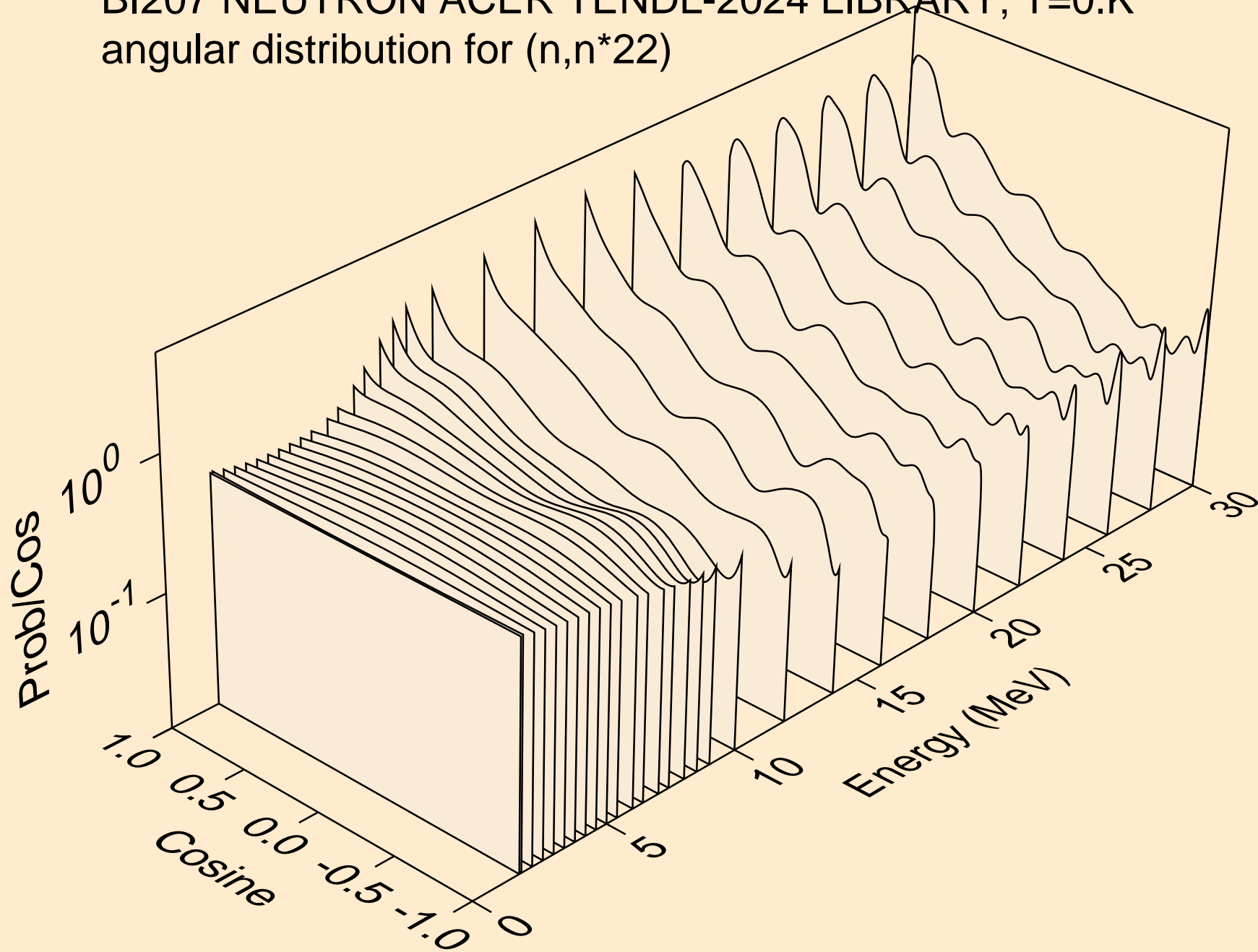
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



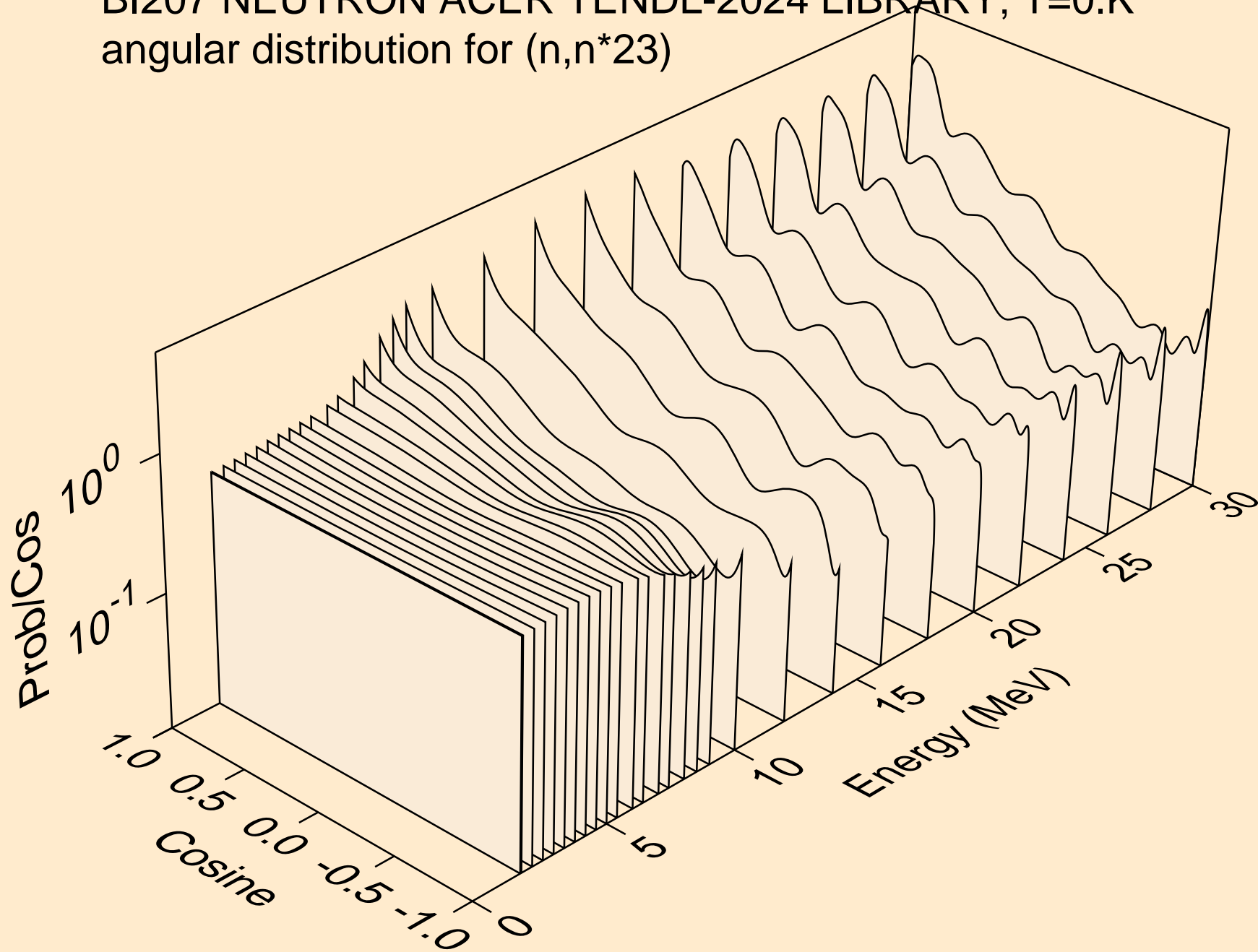
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



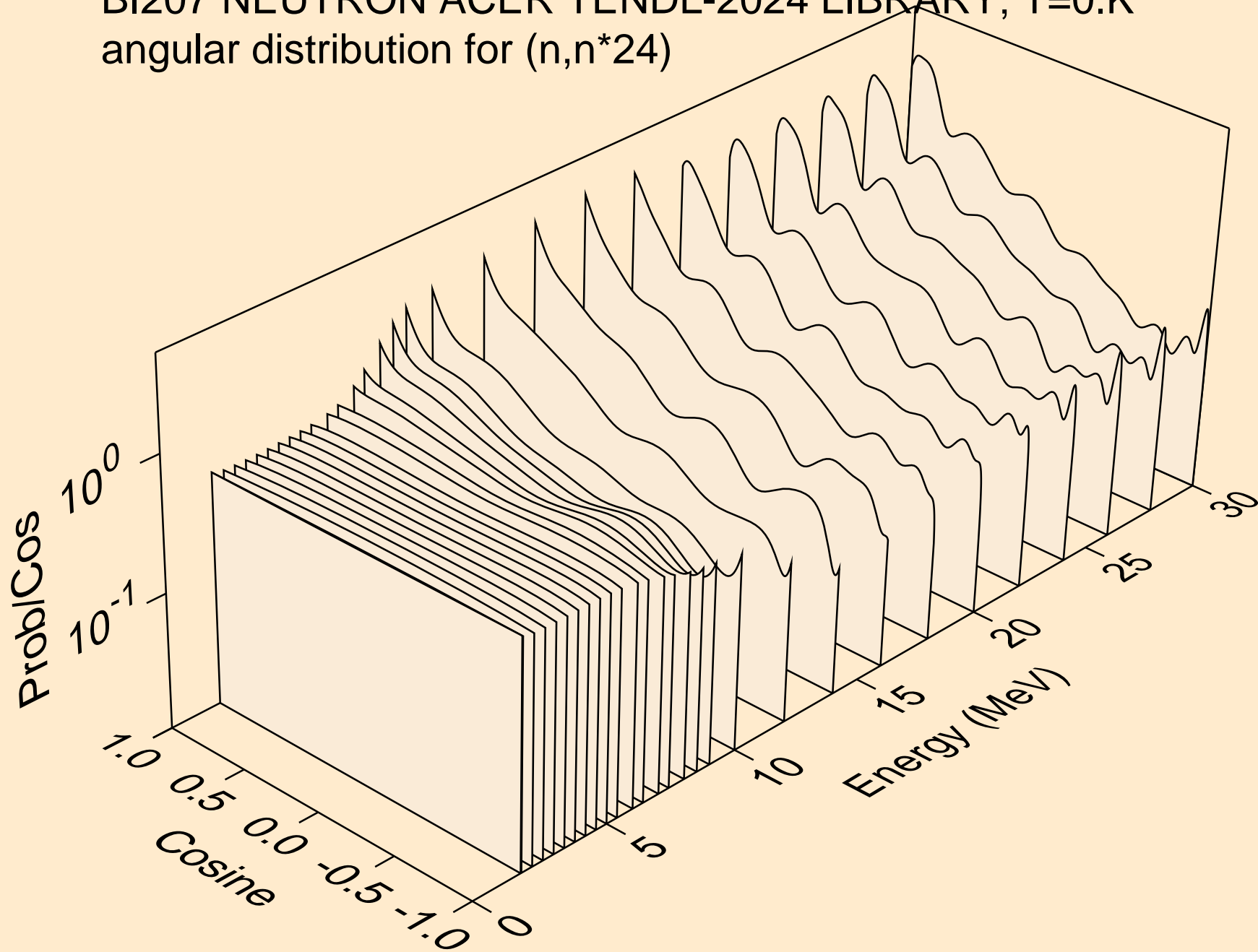
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

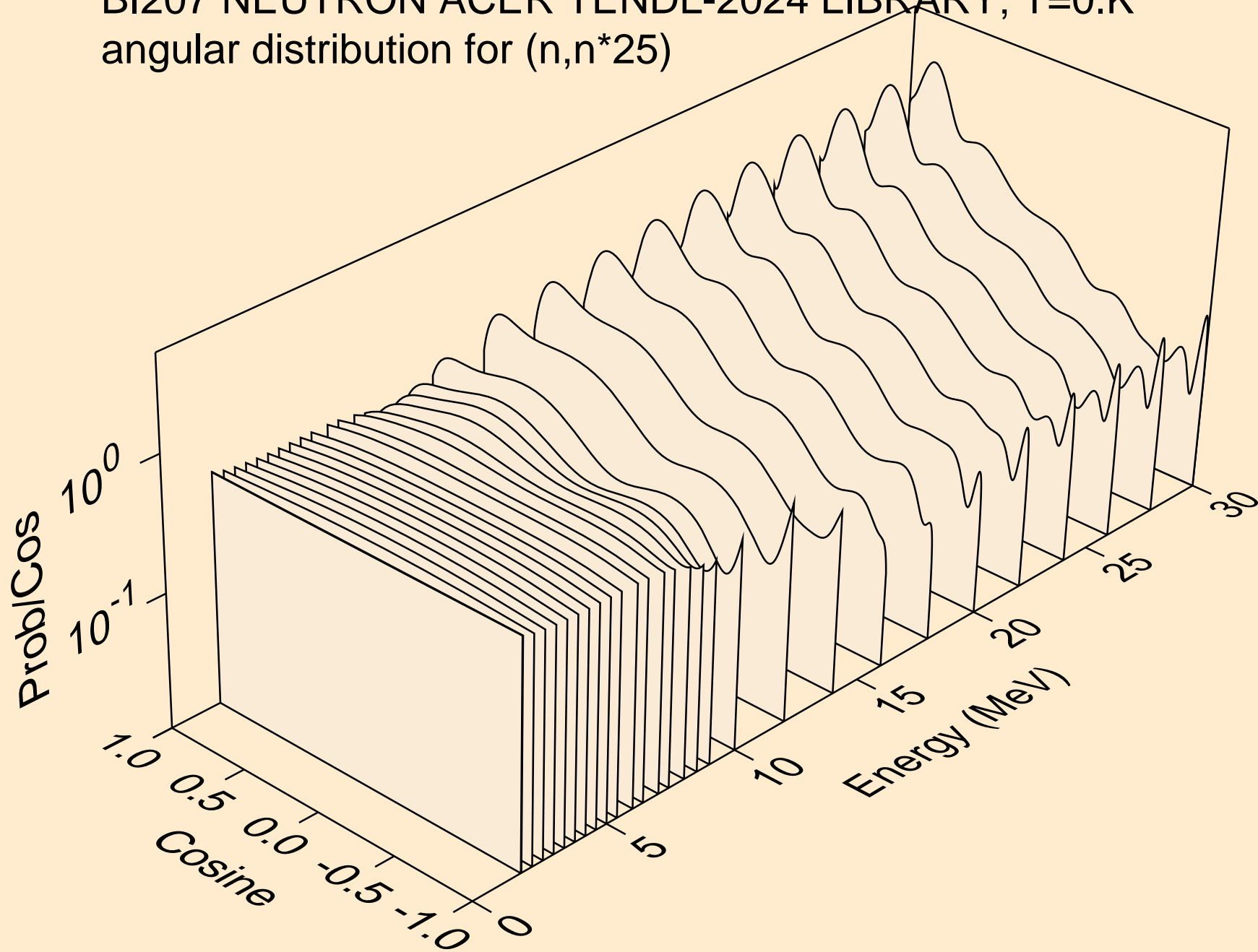


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

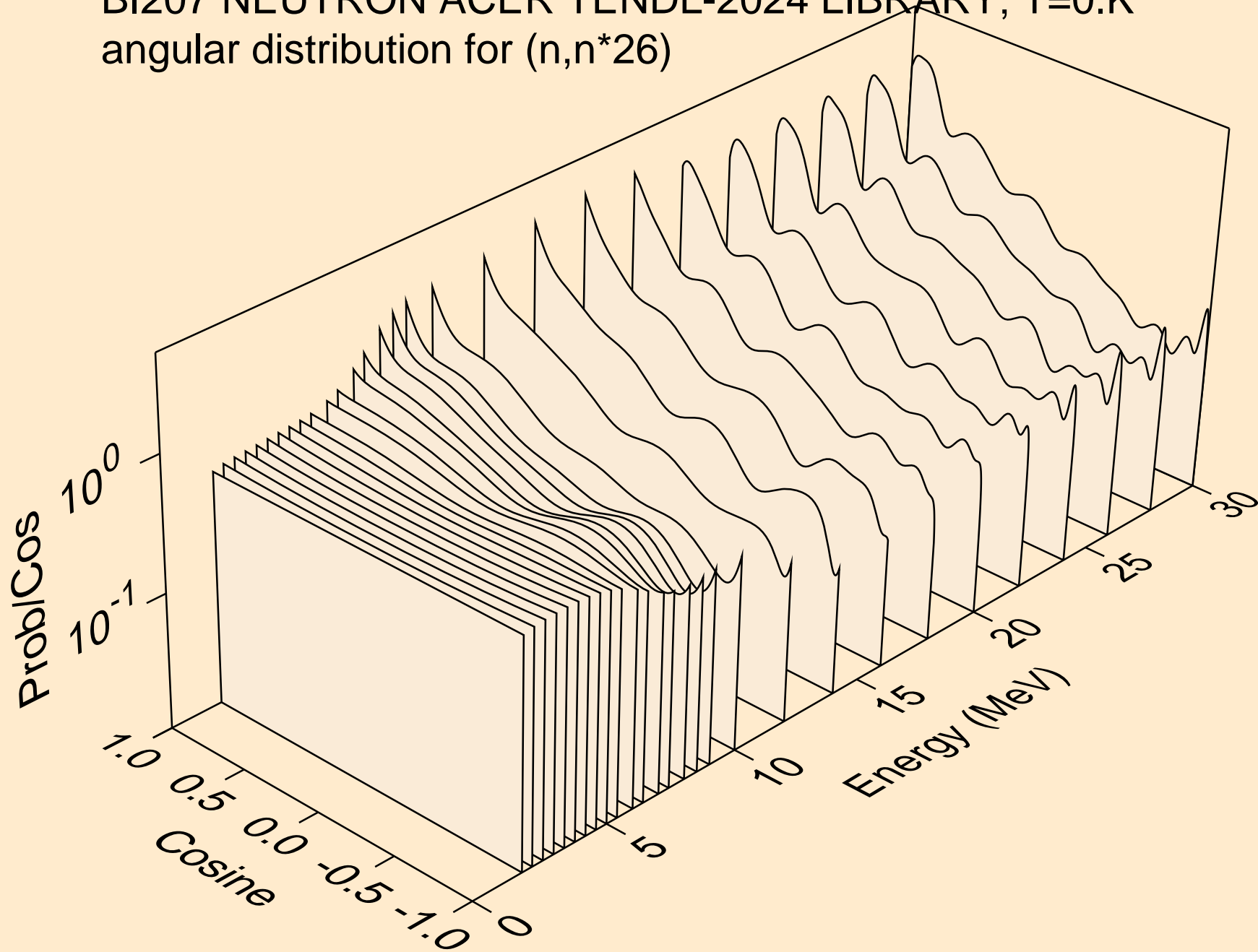




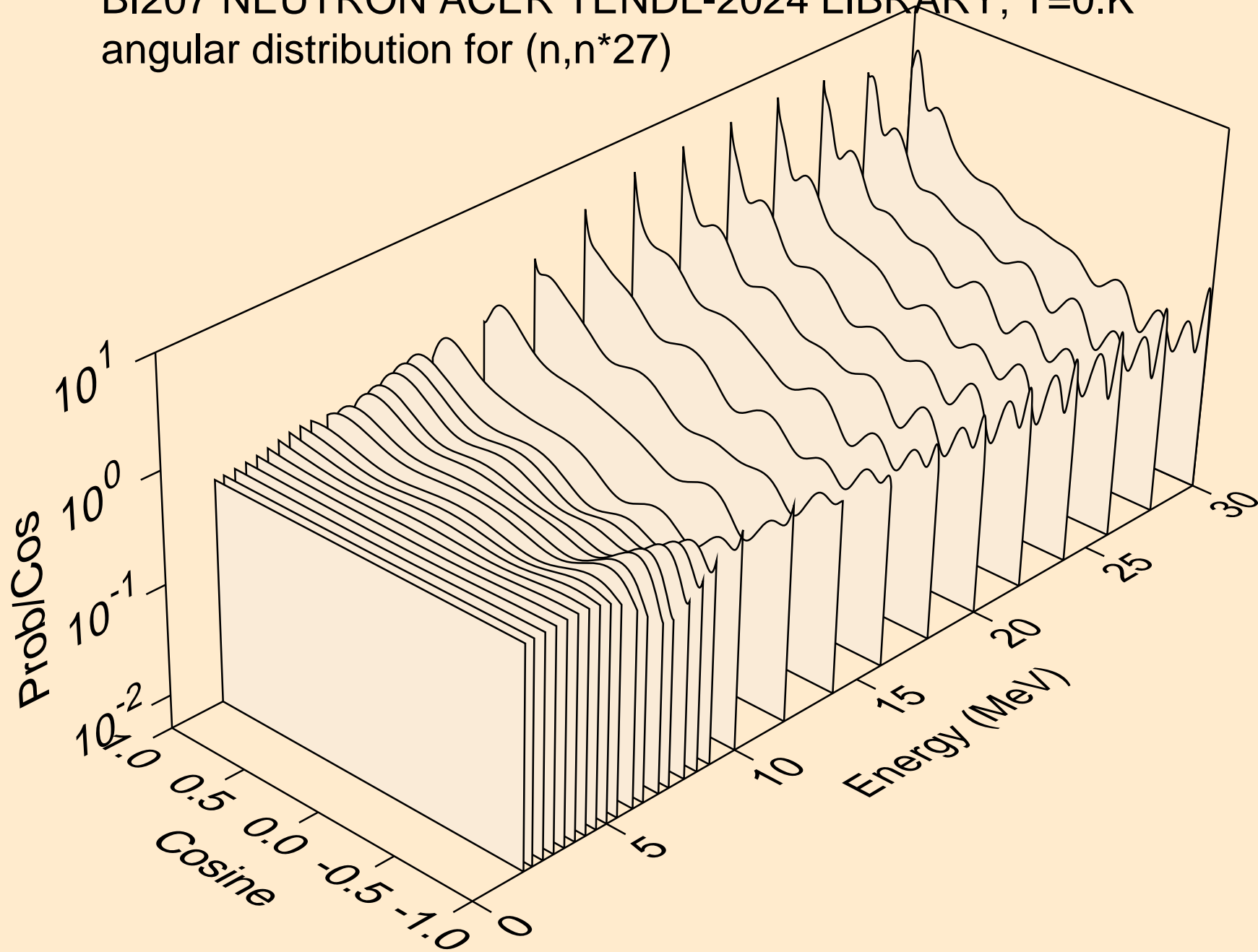
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



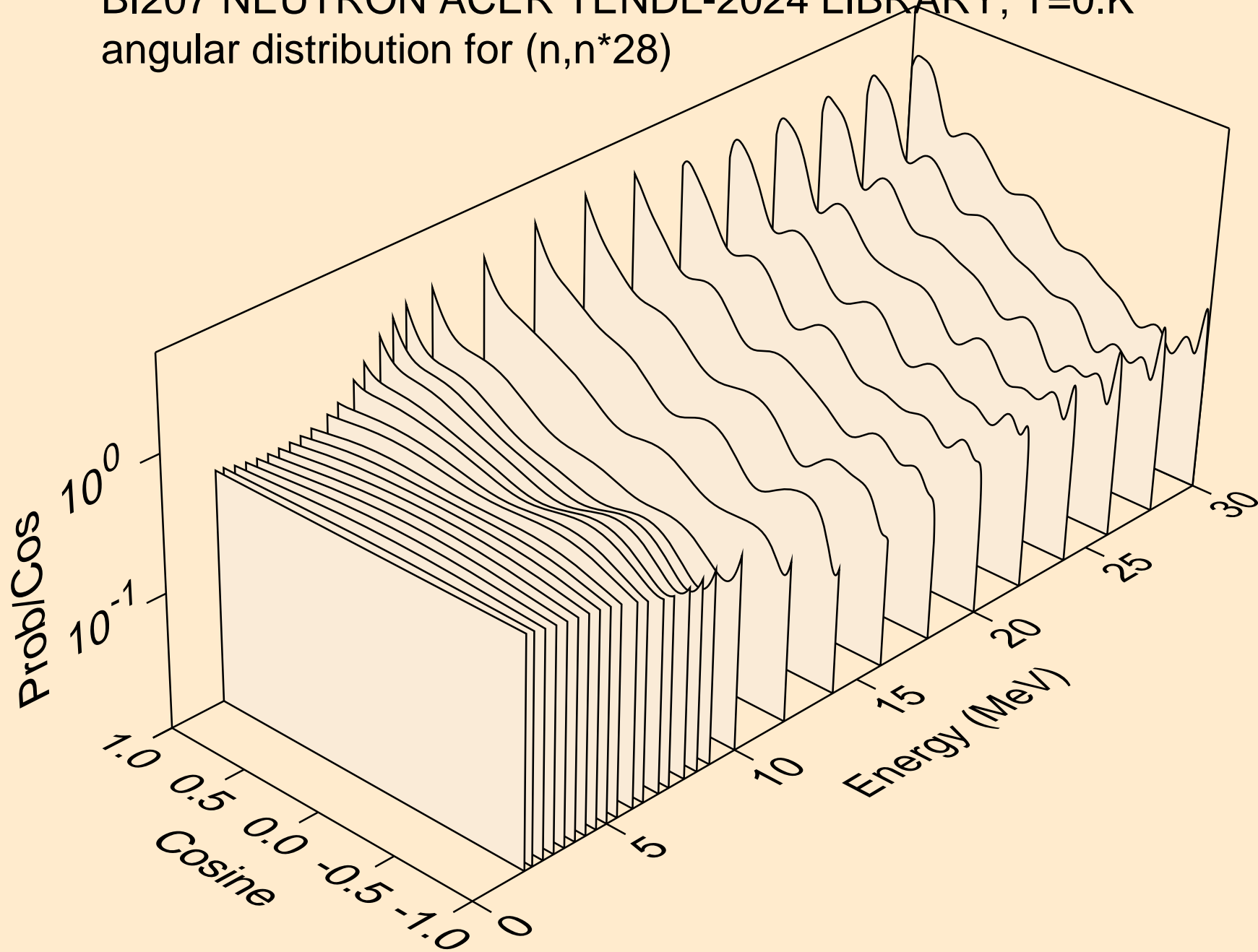
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



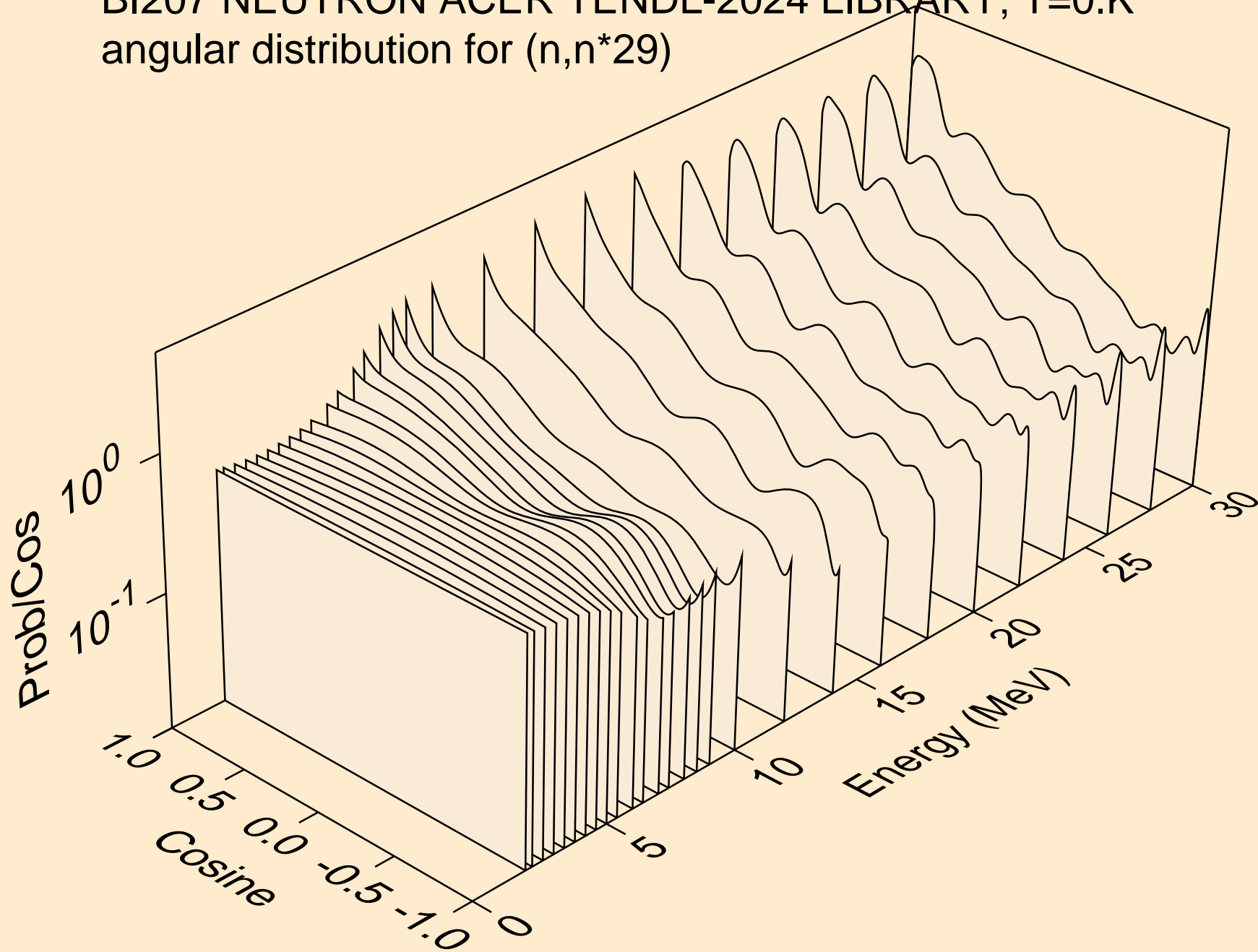
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



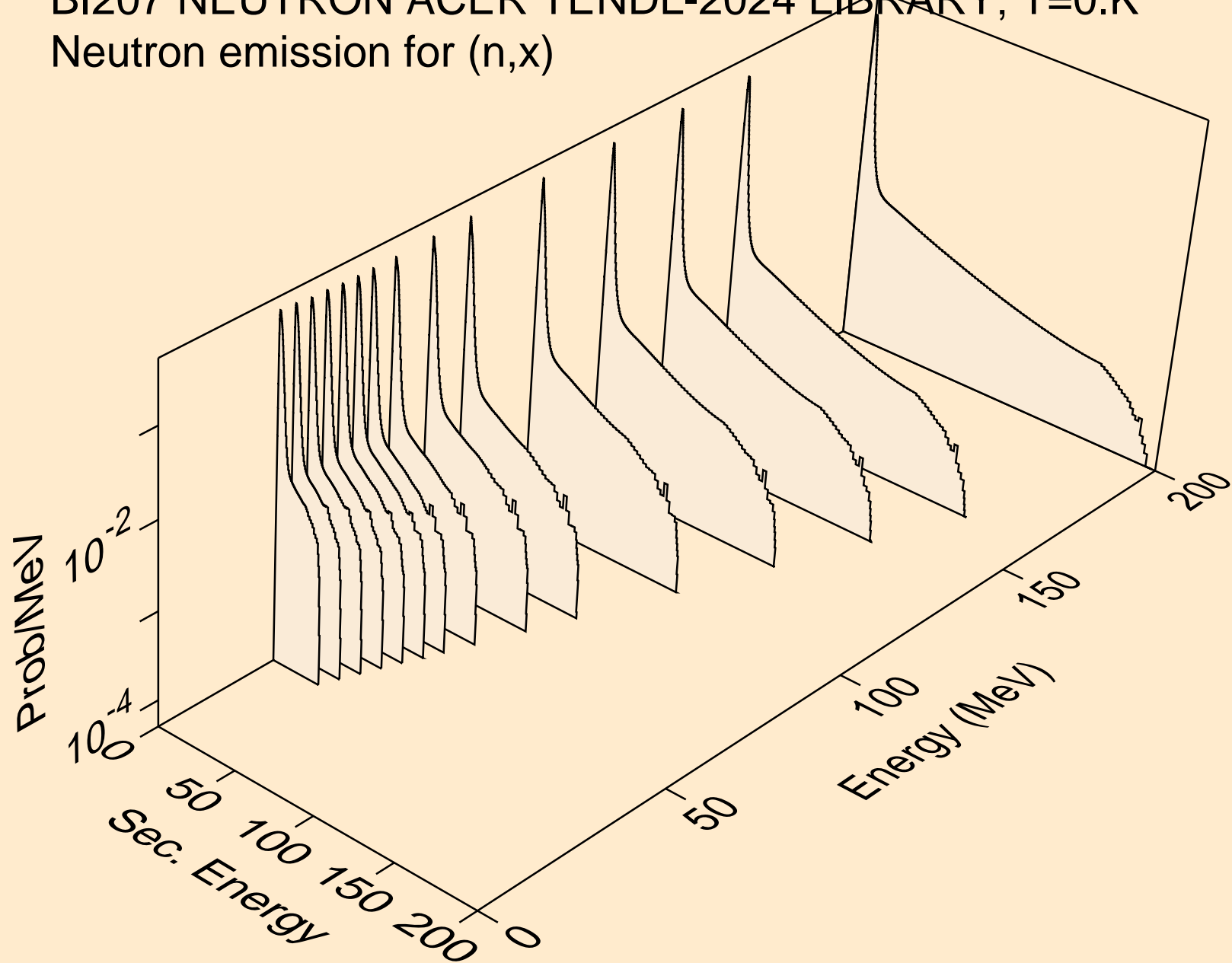
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



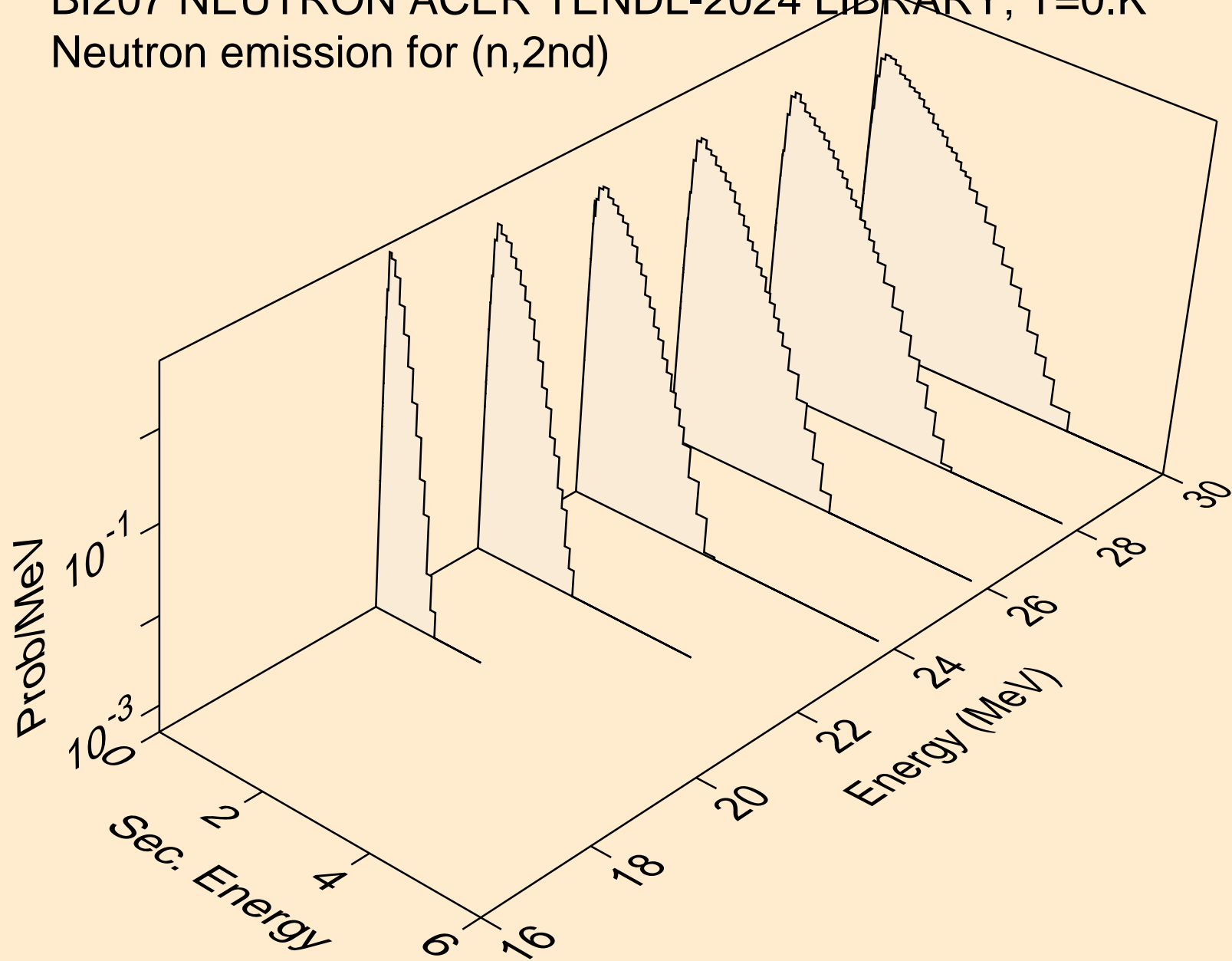
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



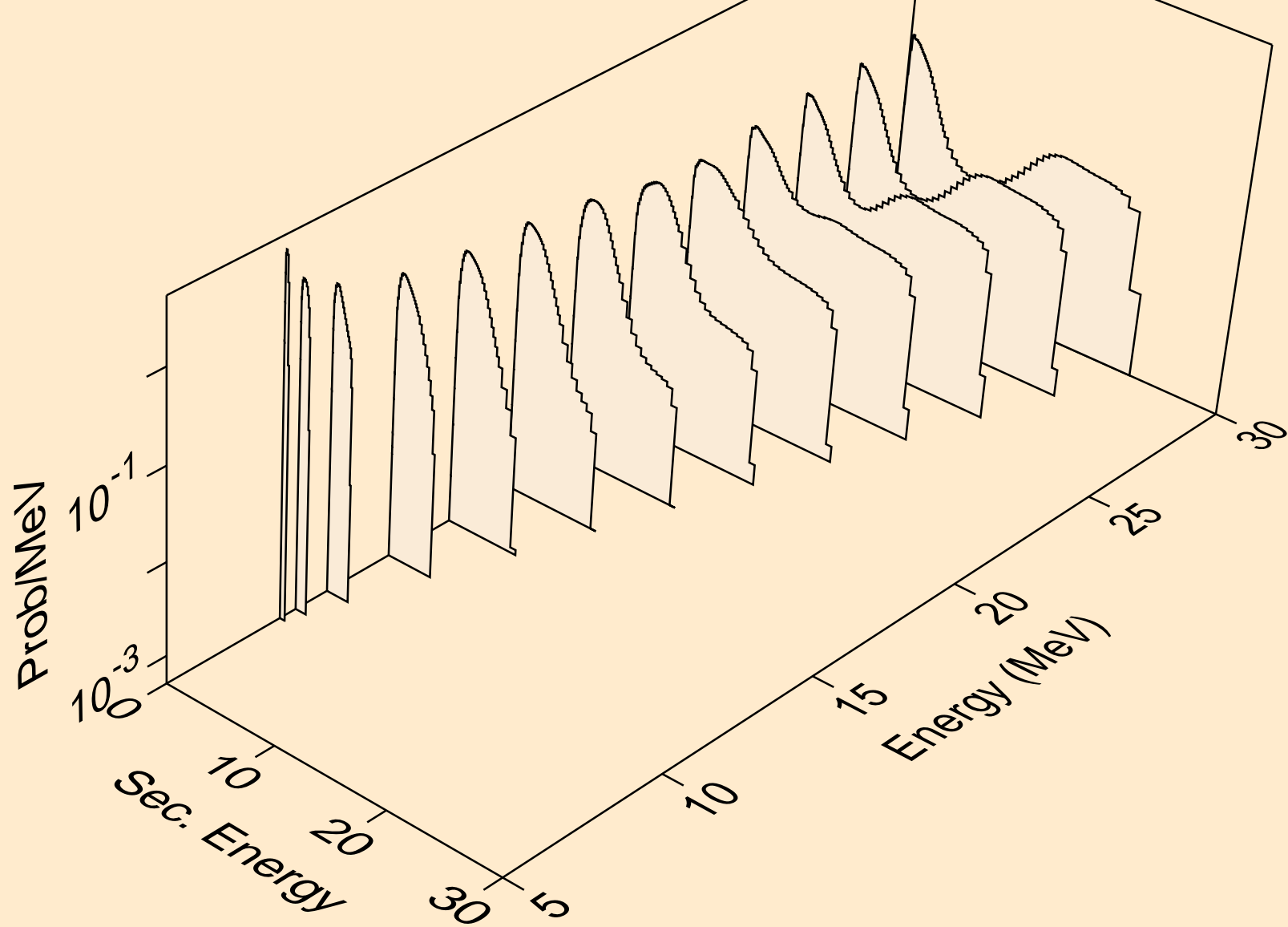
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

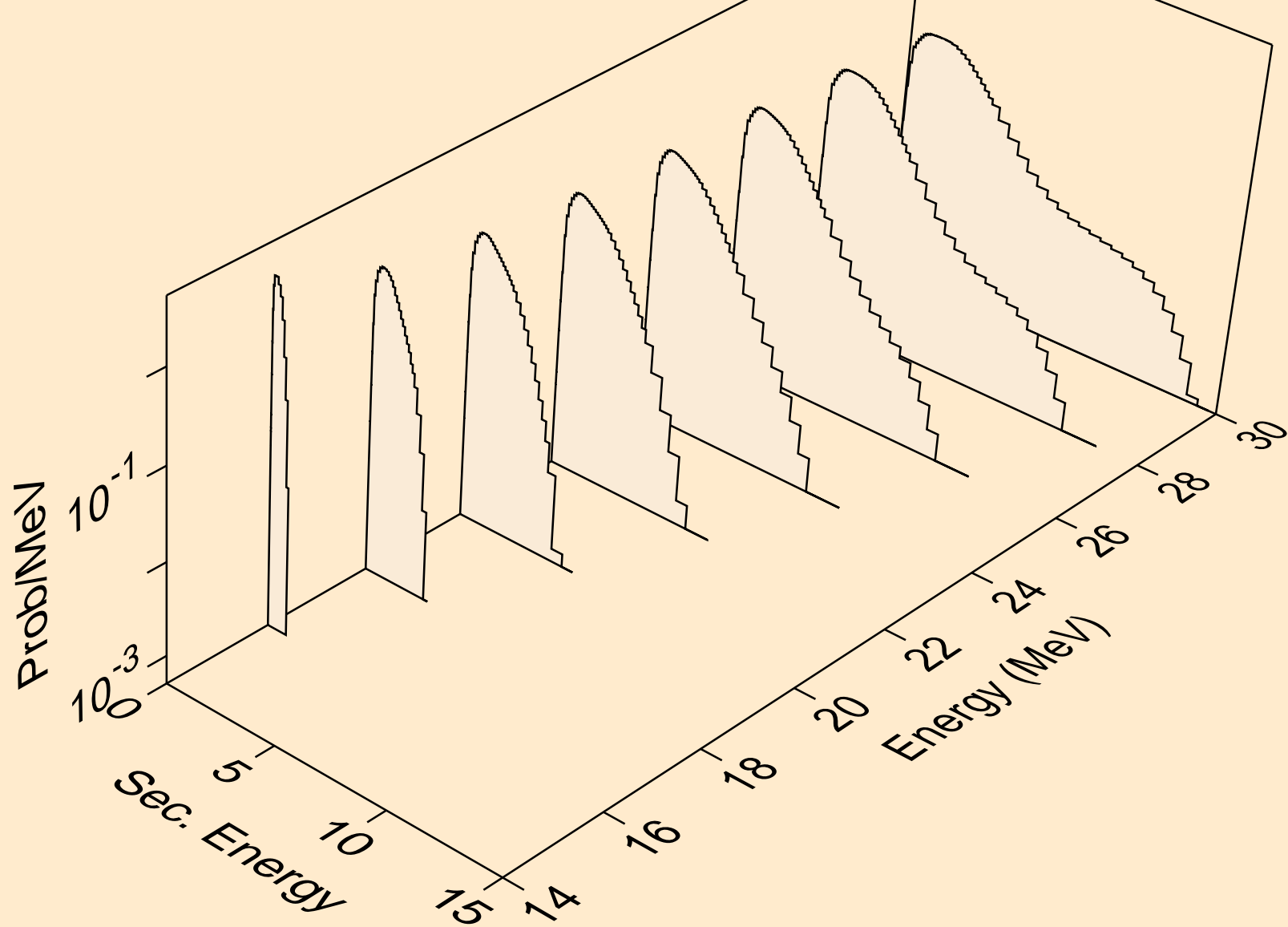


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

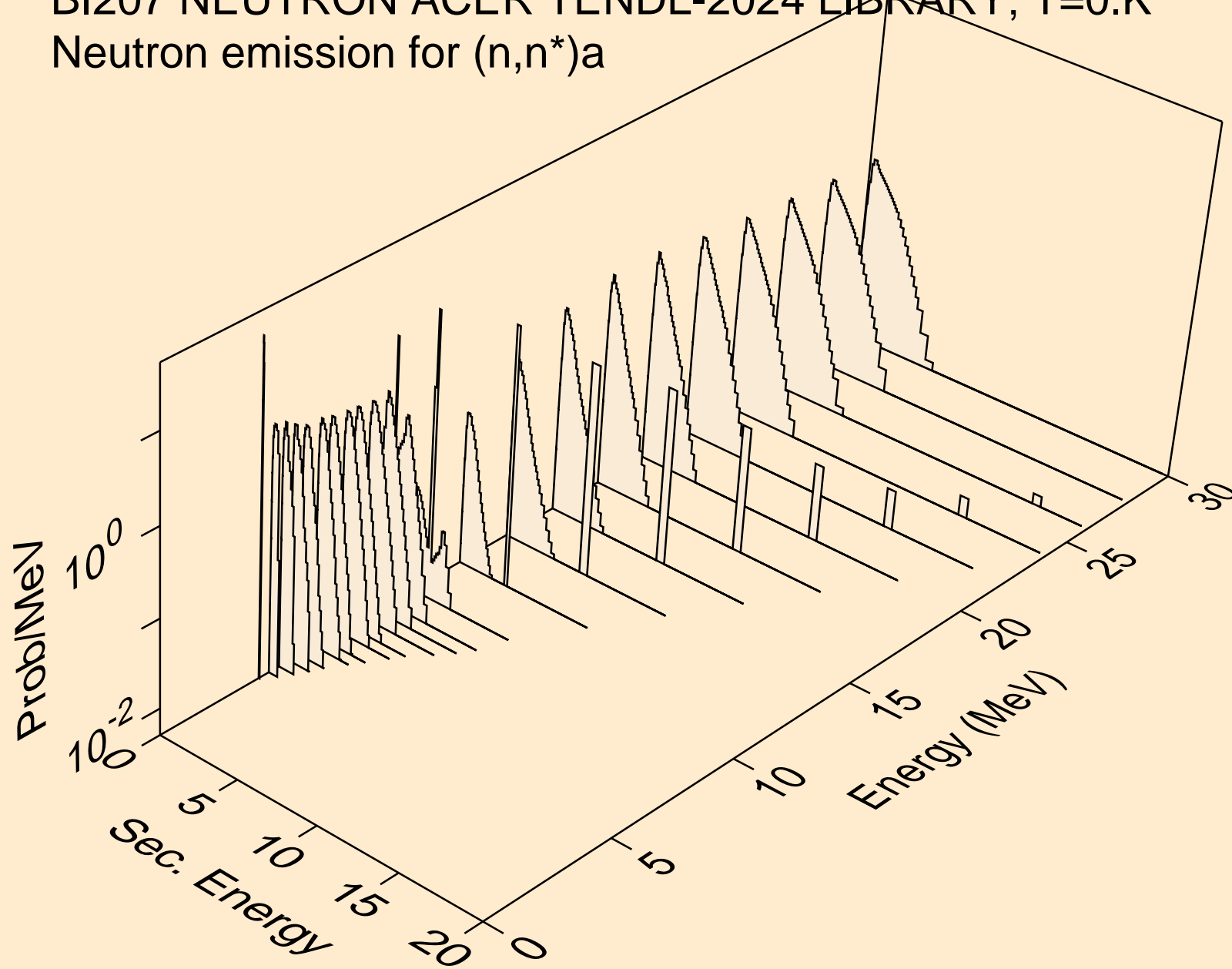




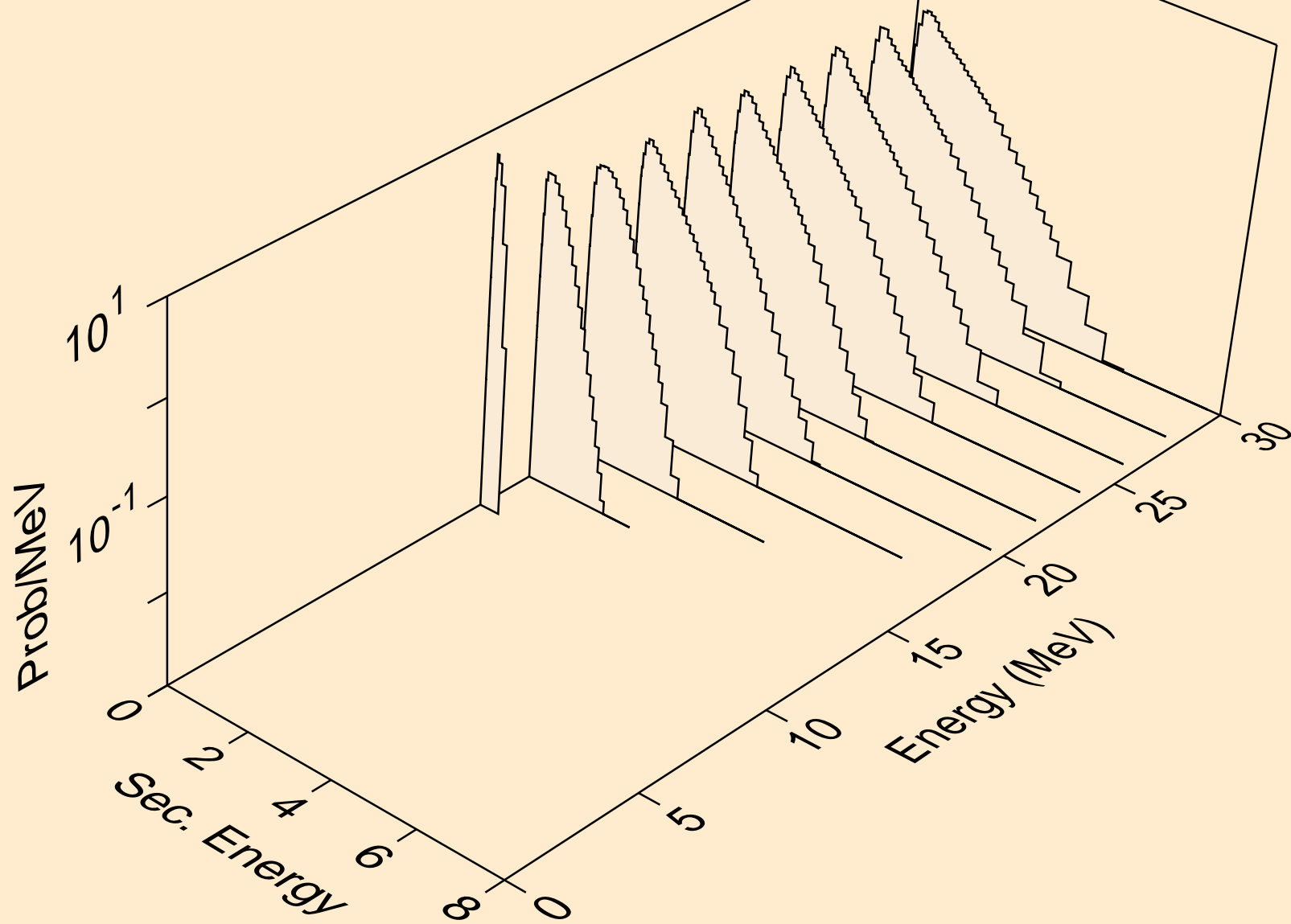
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



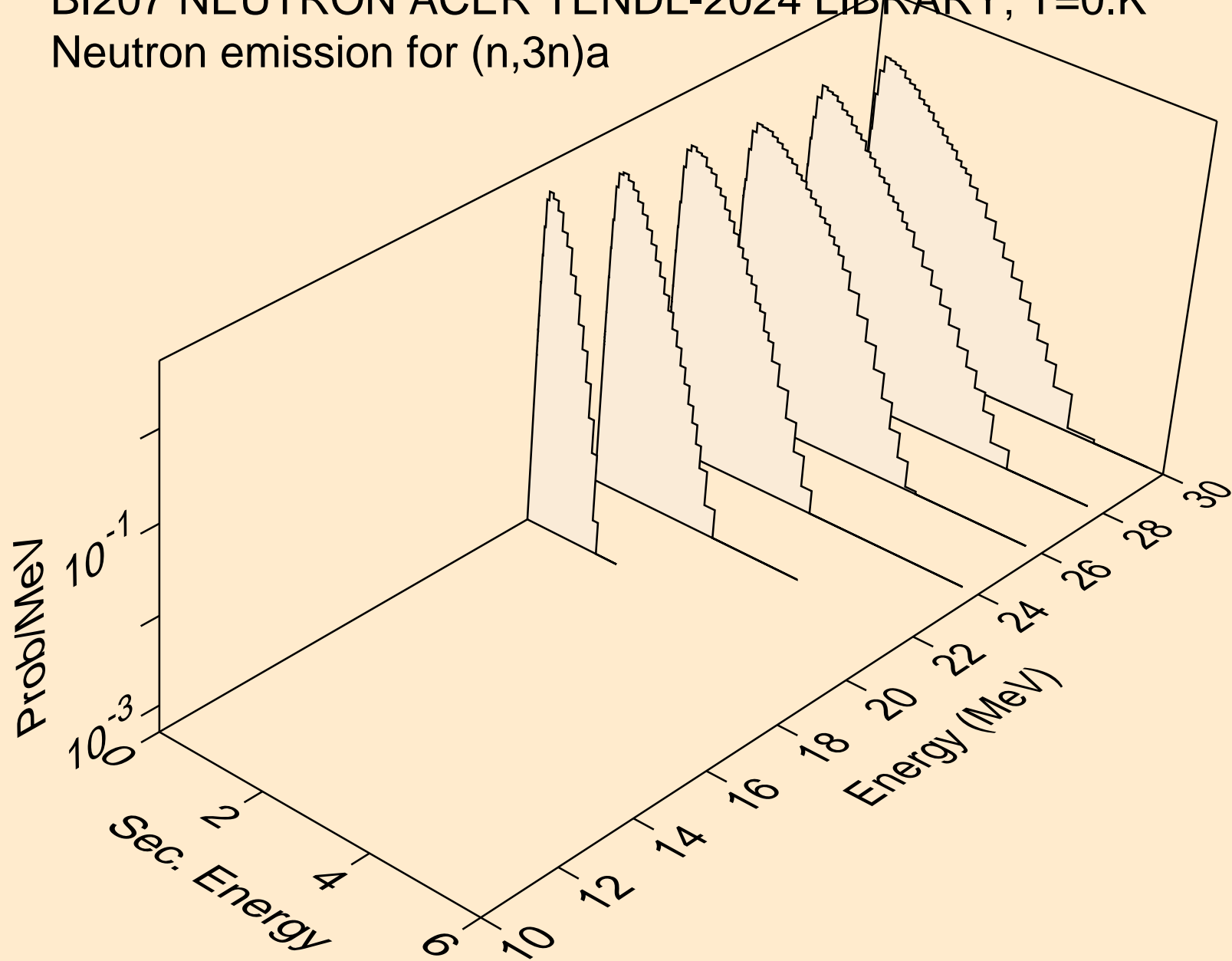
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



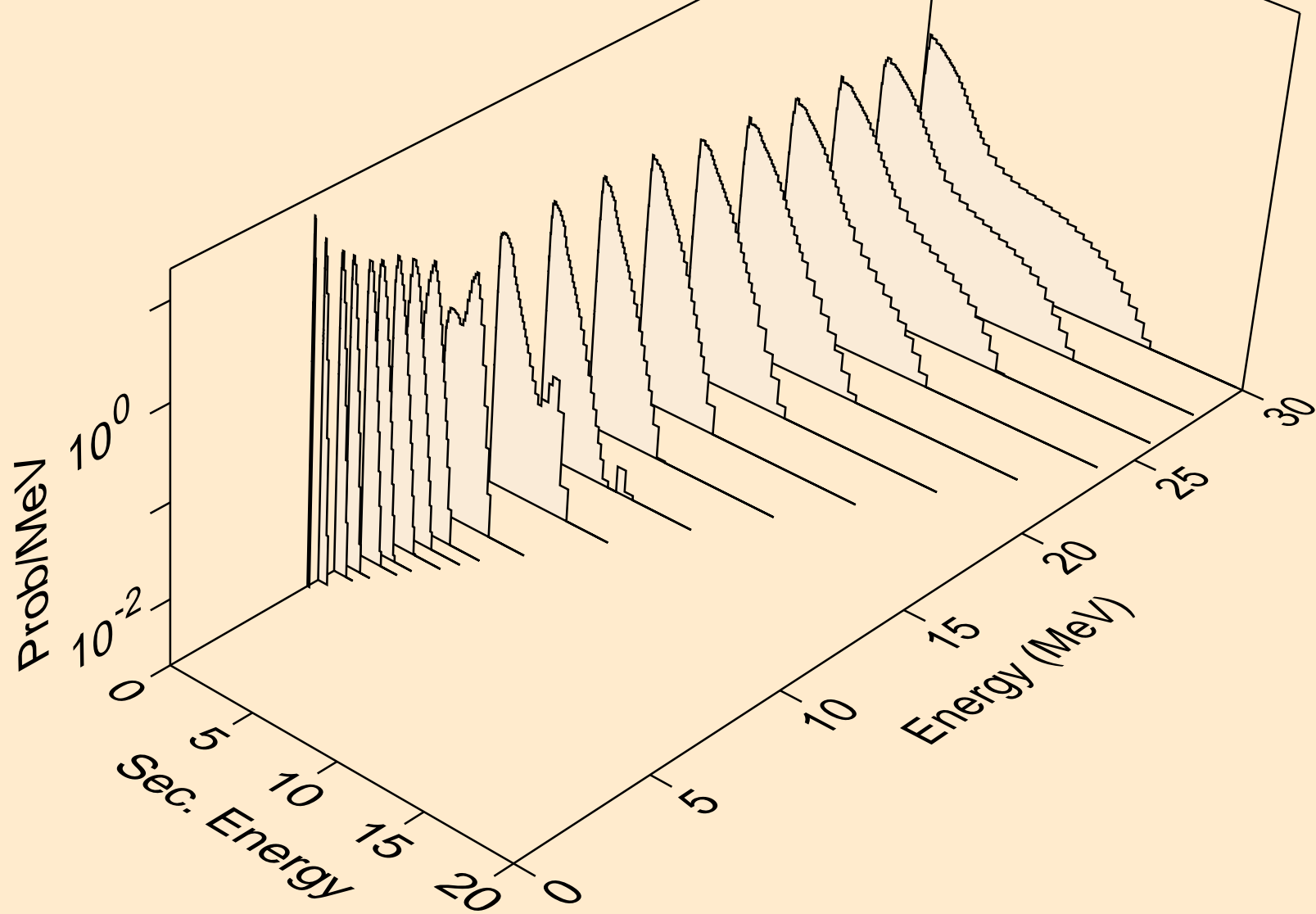
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



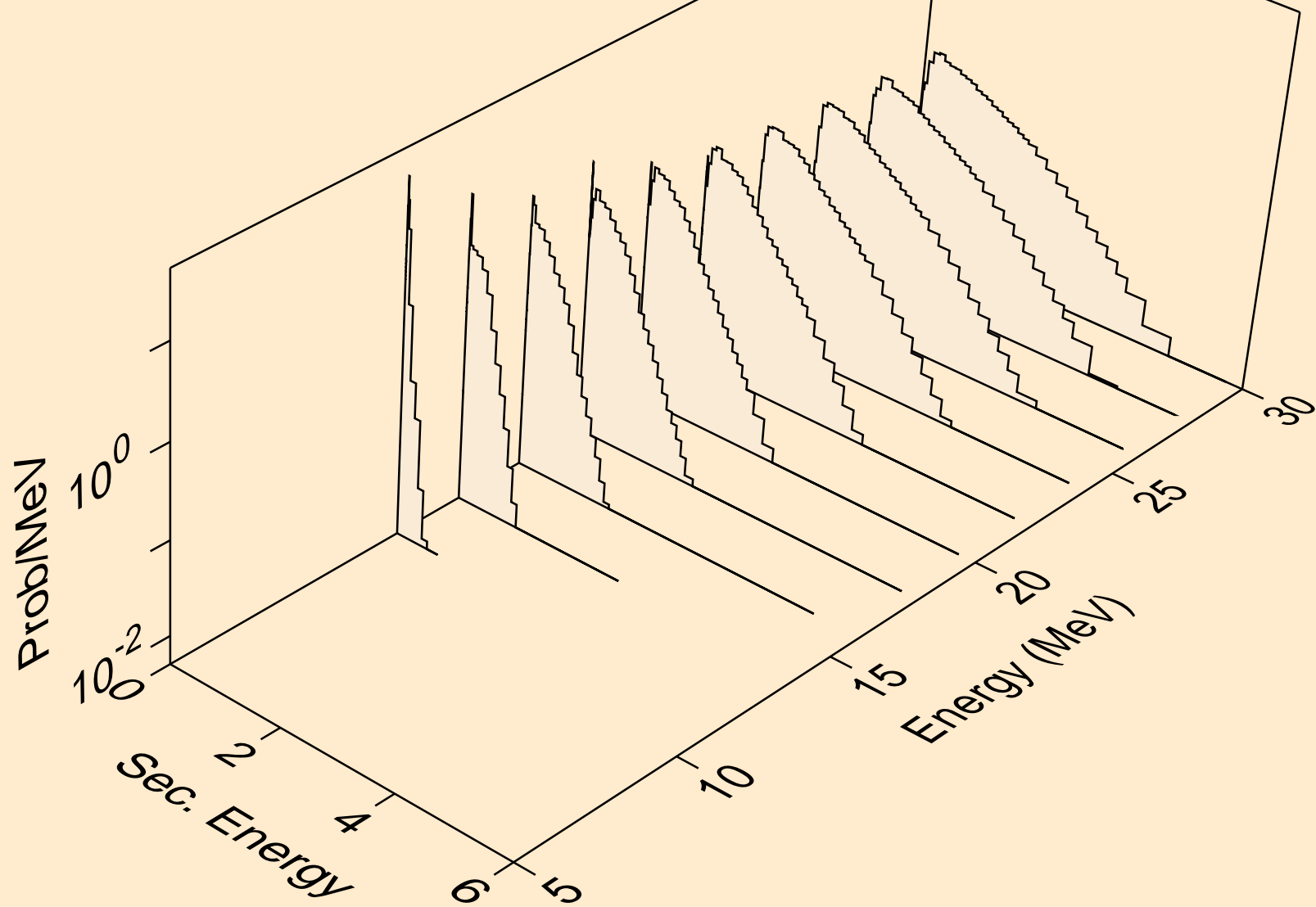
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



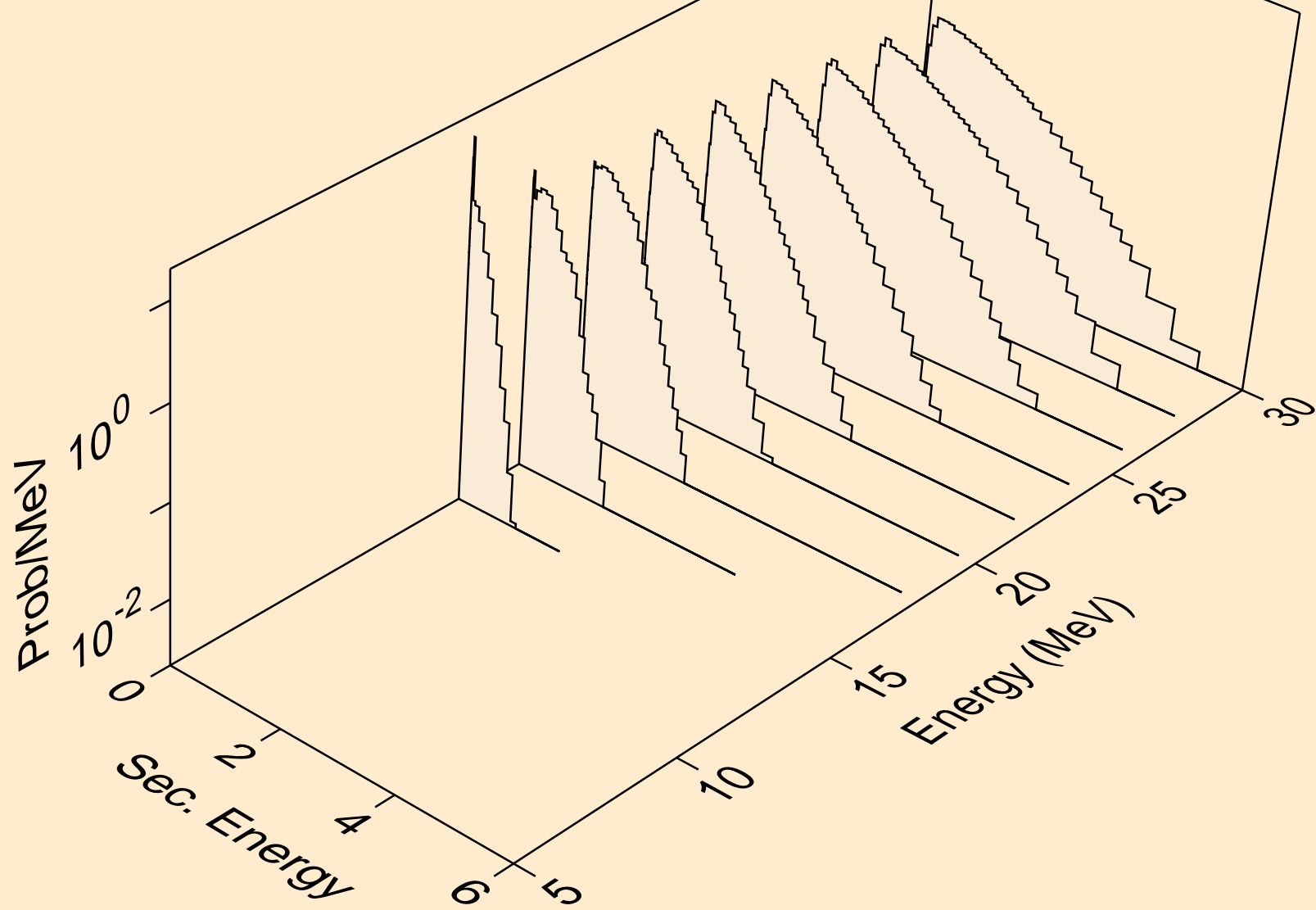
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



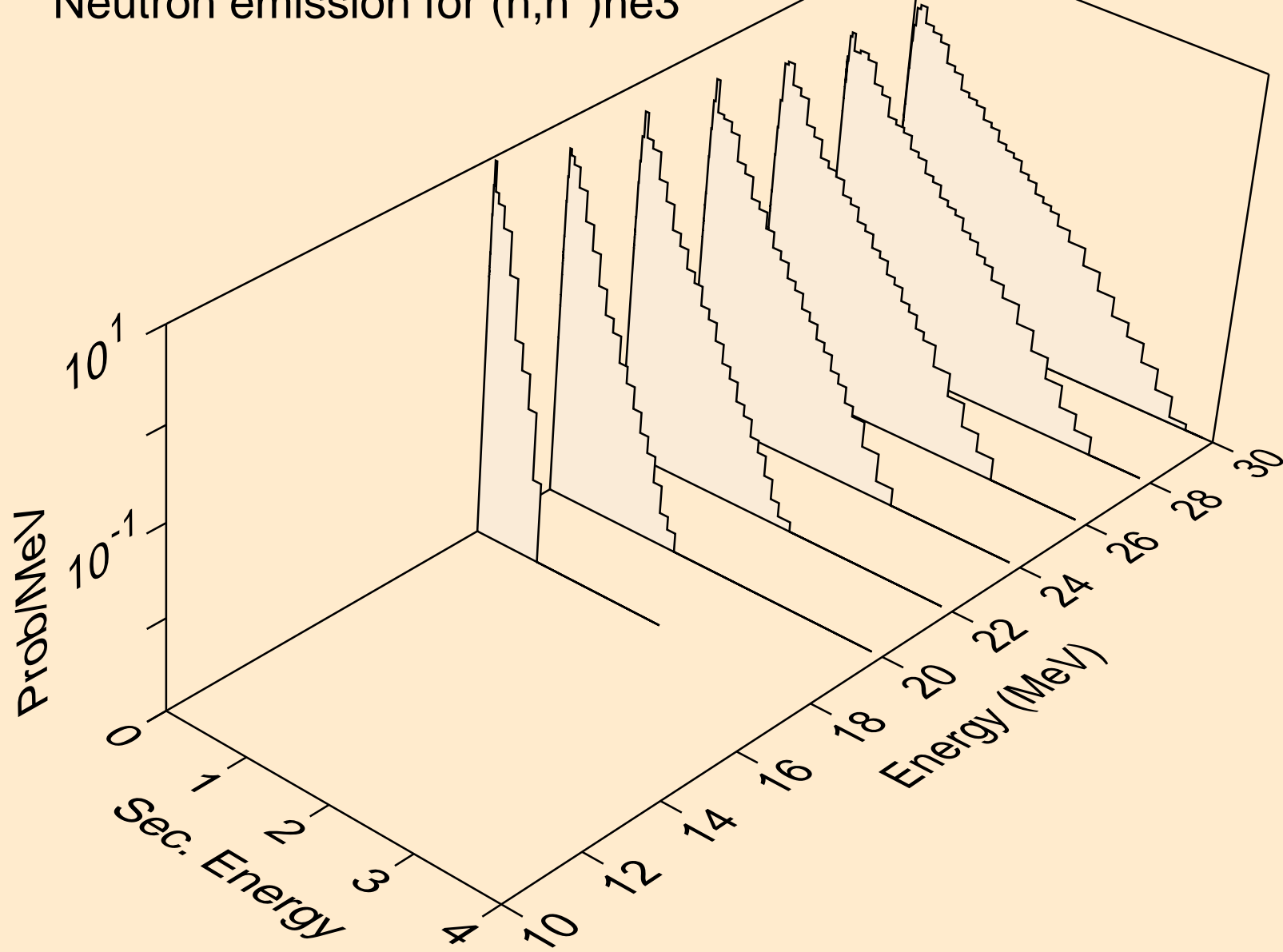
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

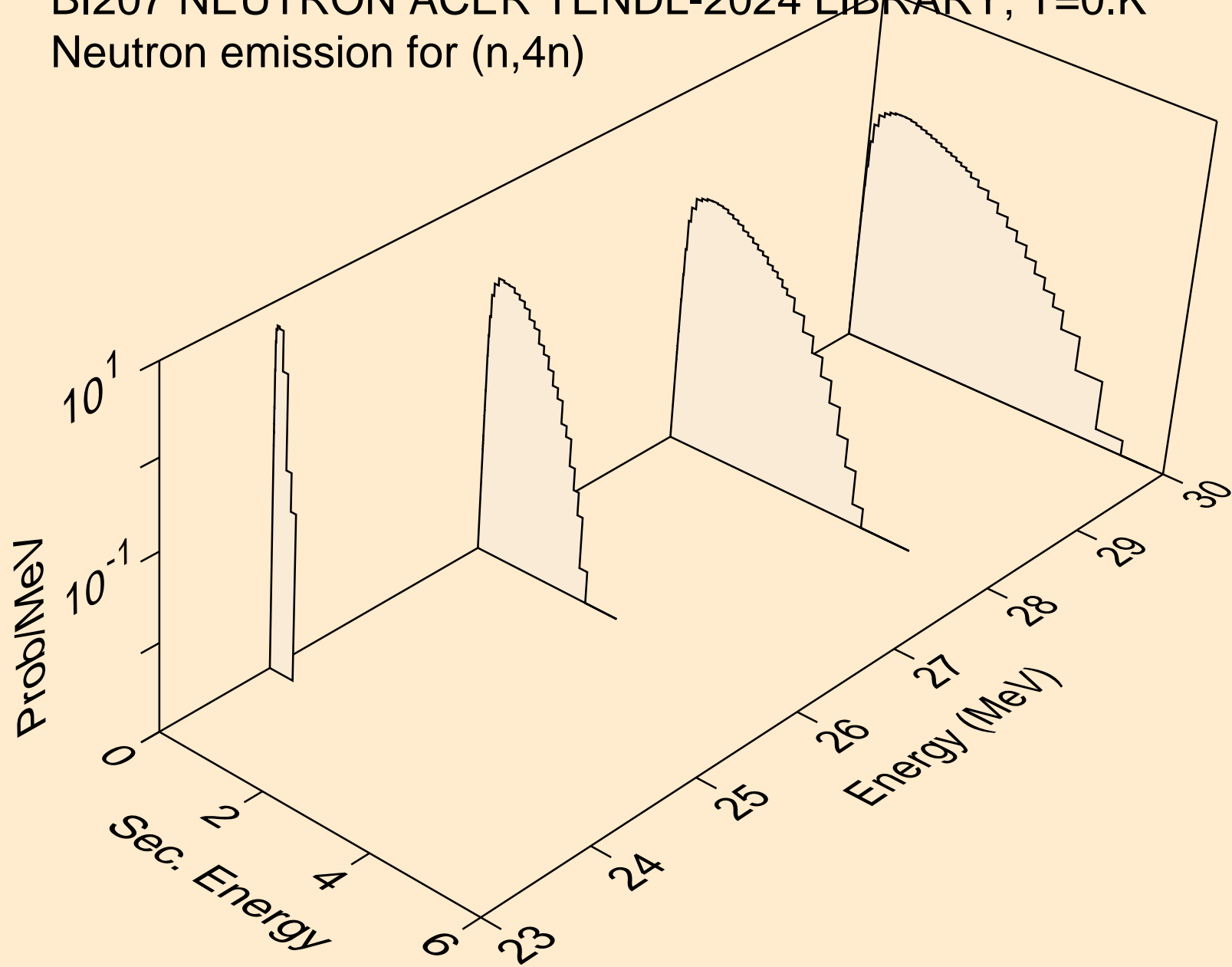


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

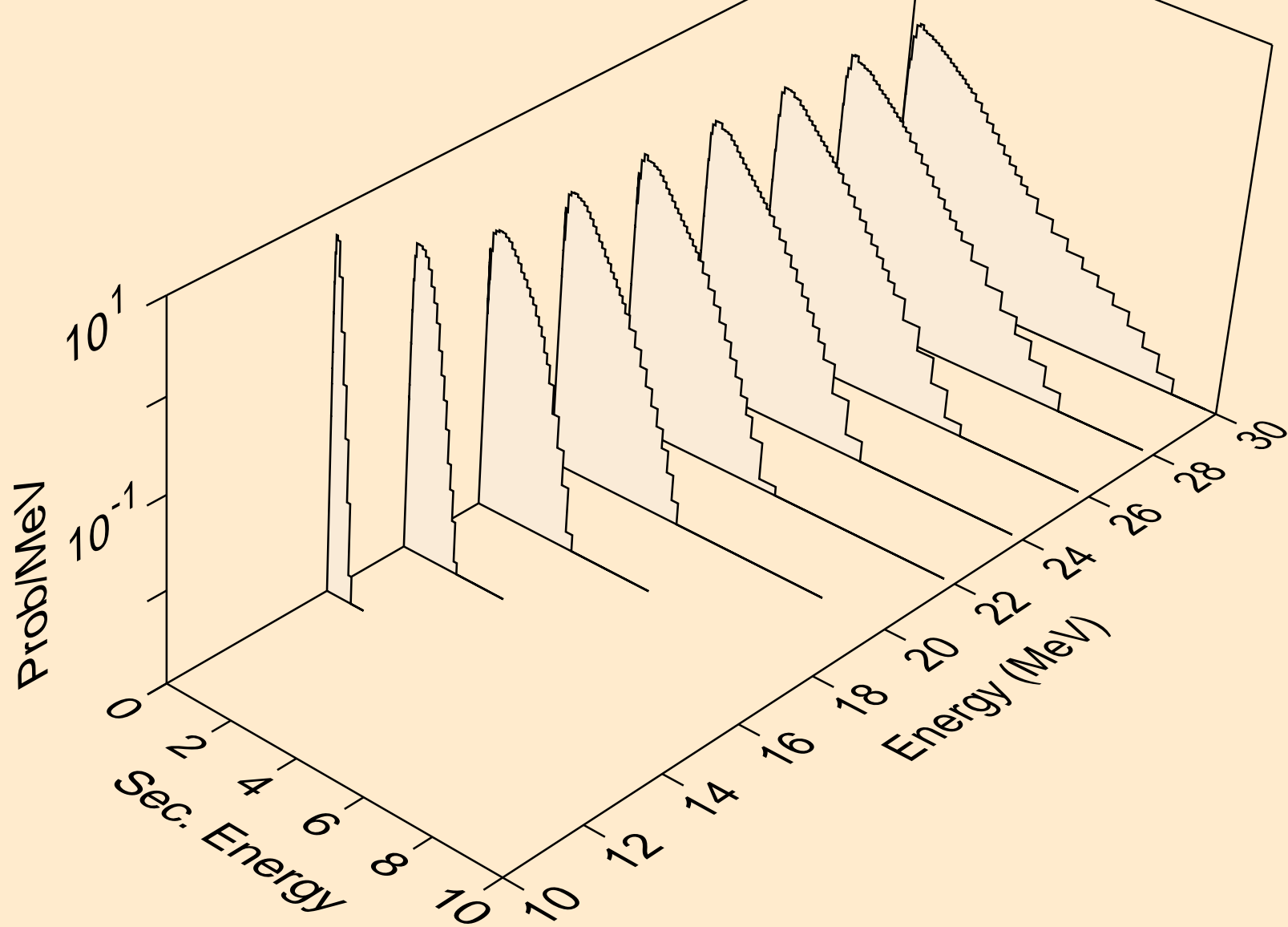




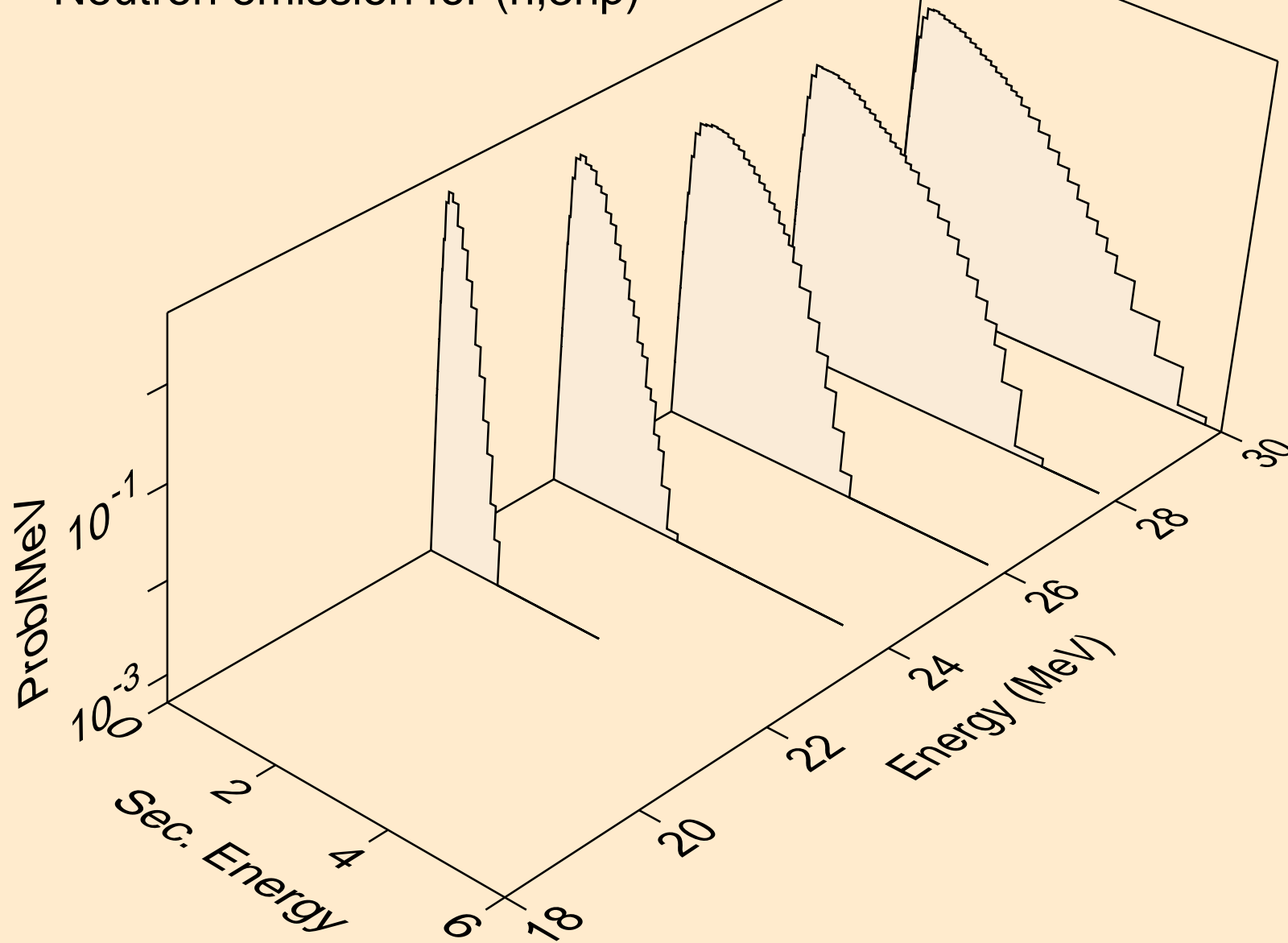
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



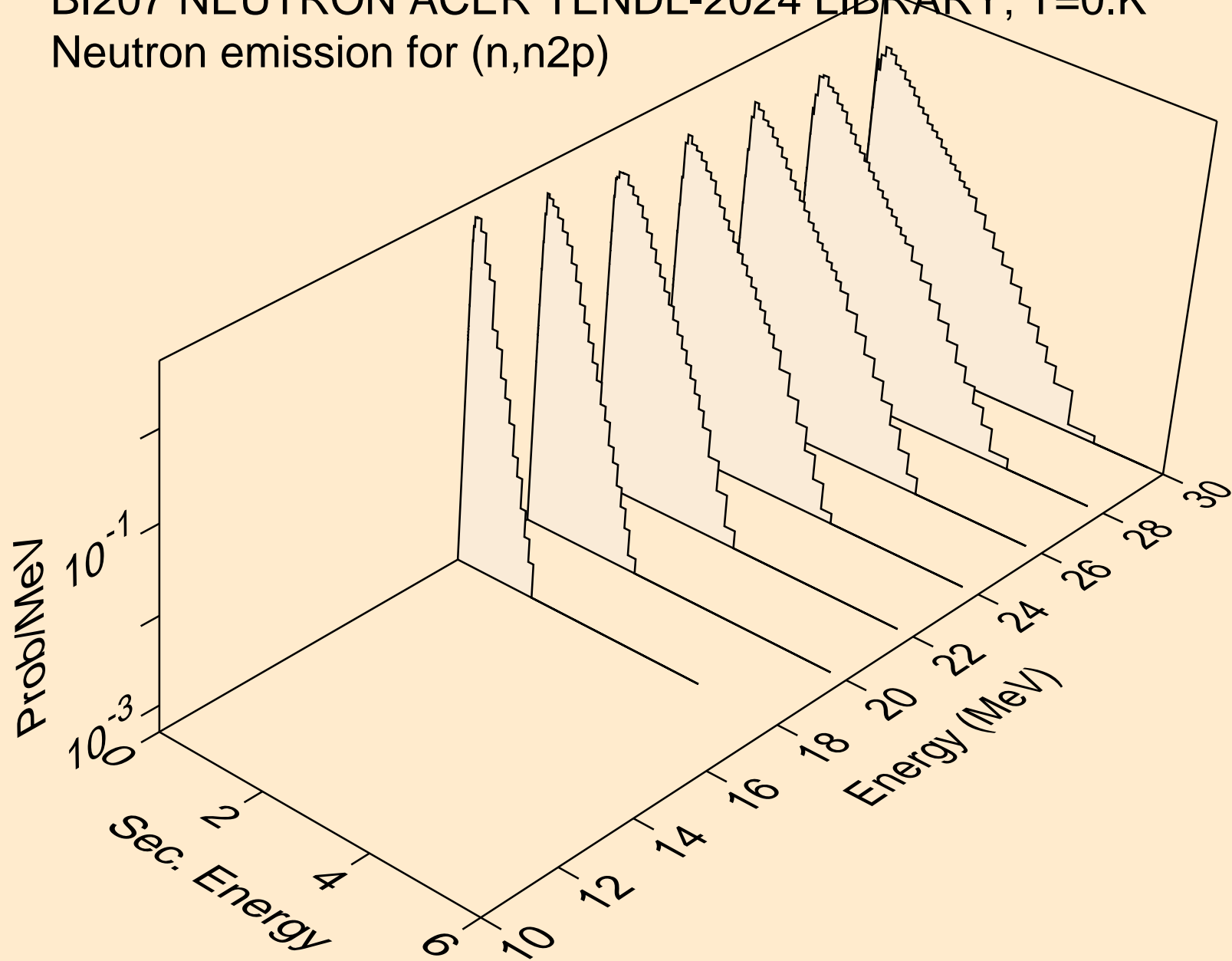
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Neutron emission for (n,2np)



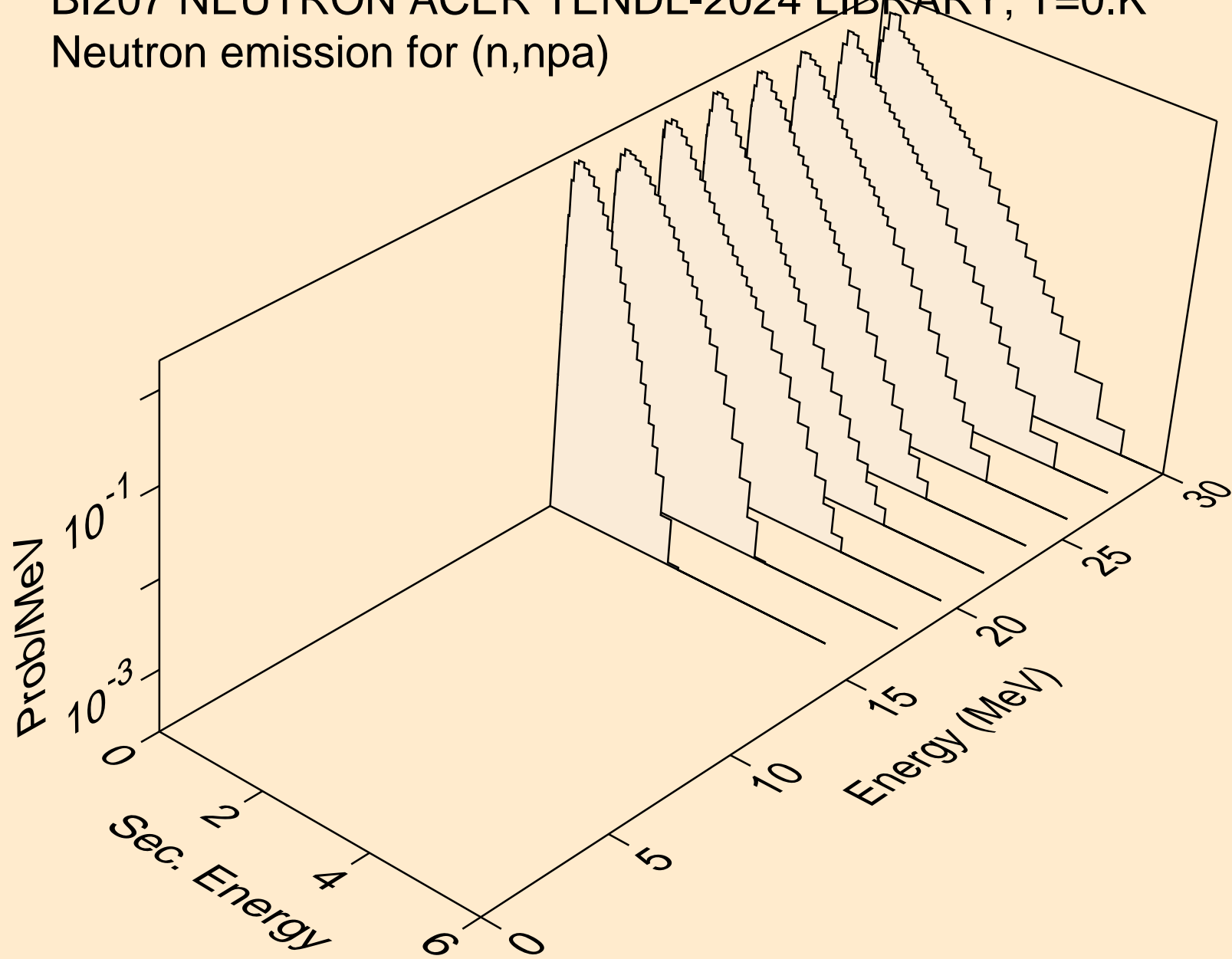
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Neutron emission for (n,3np)



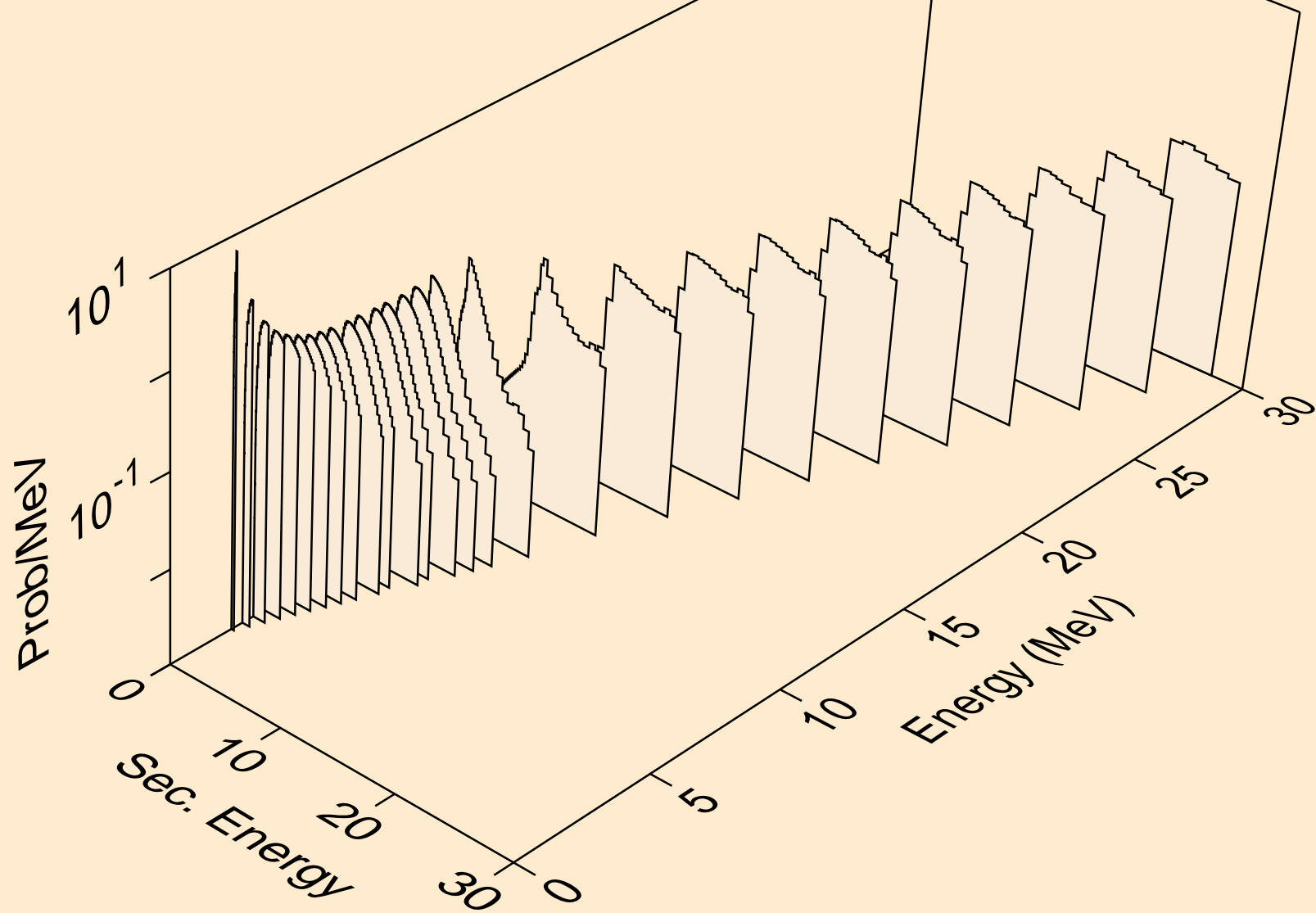
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



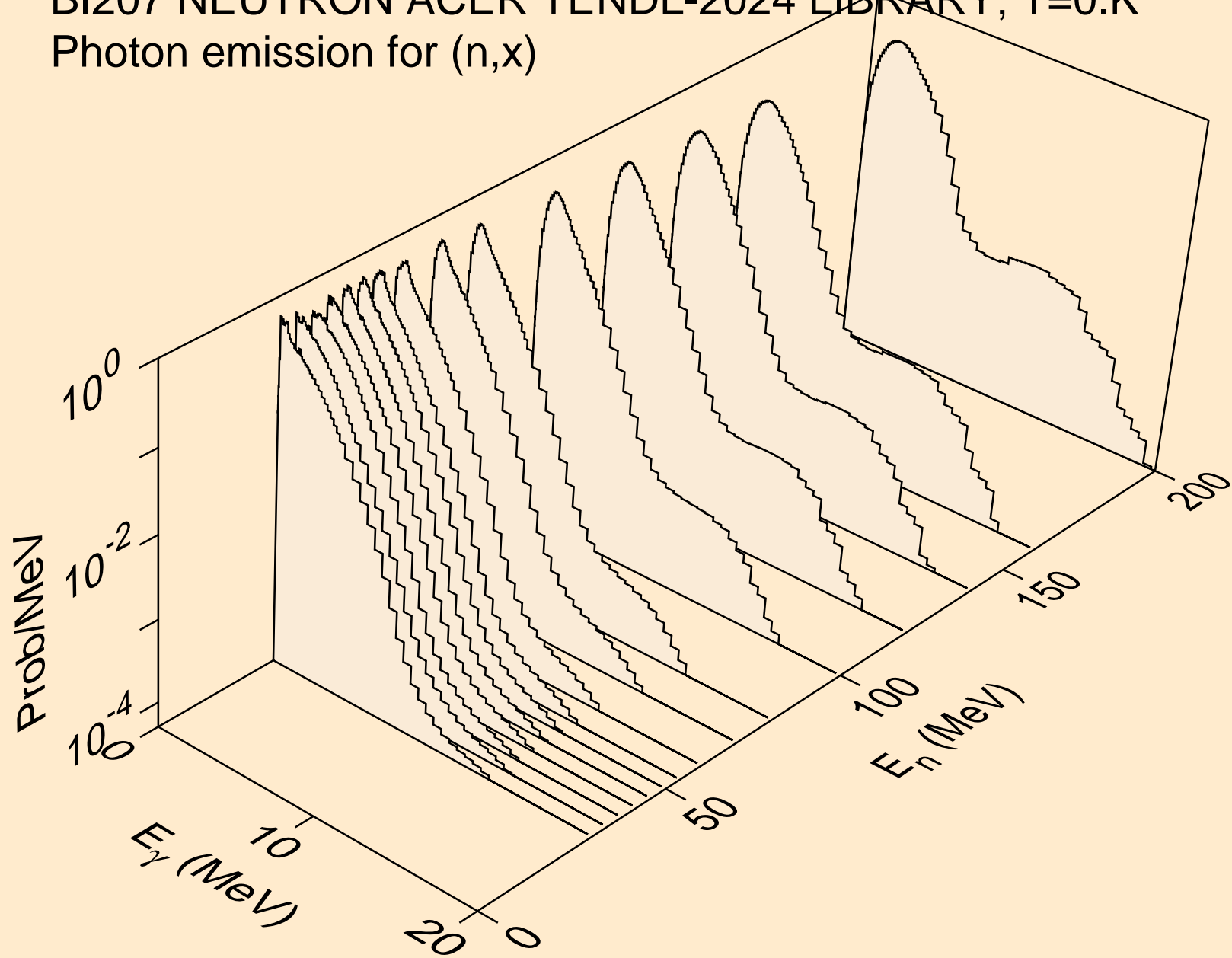
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



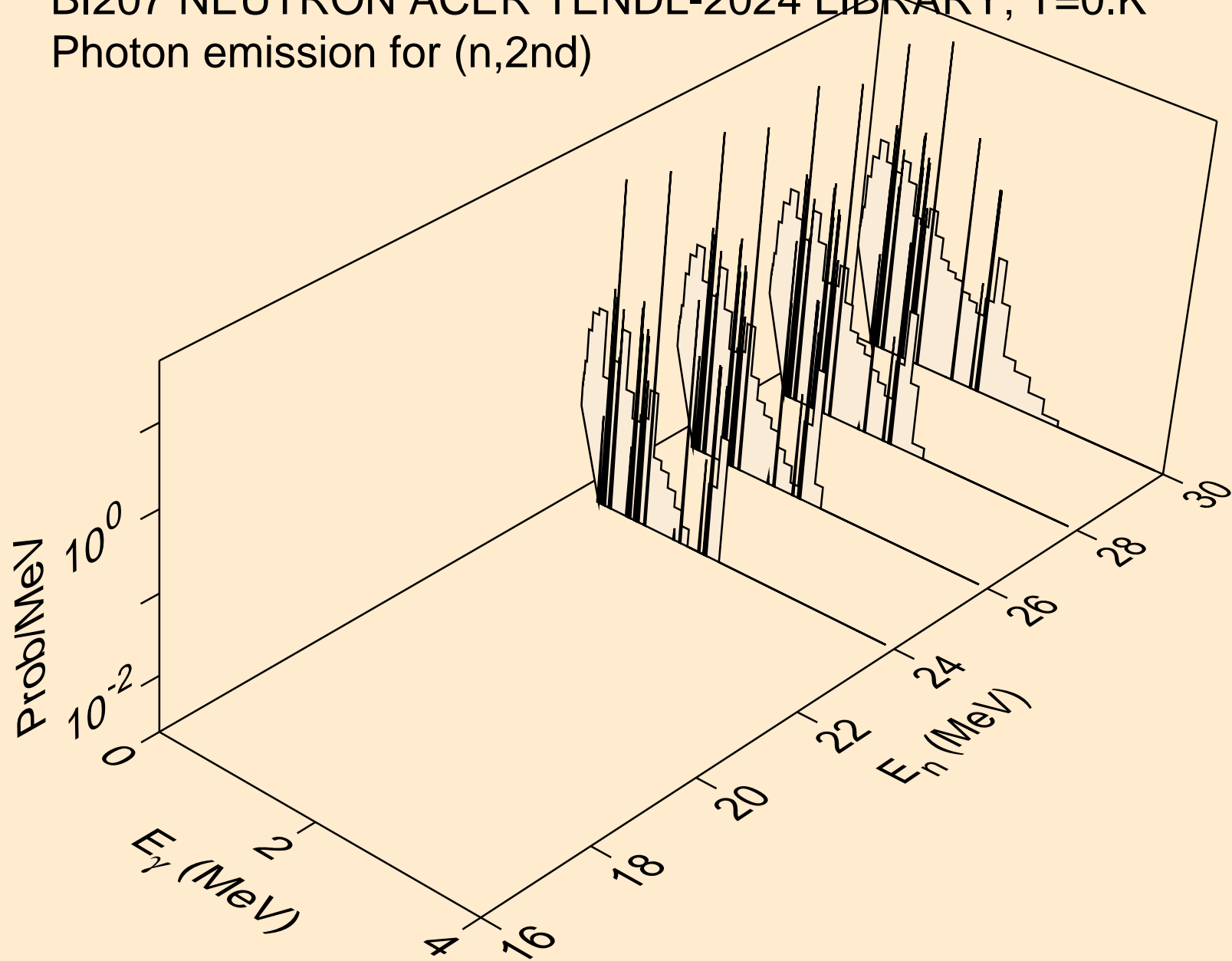
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

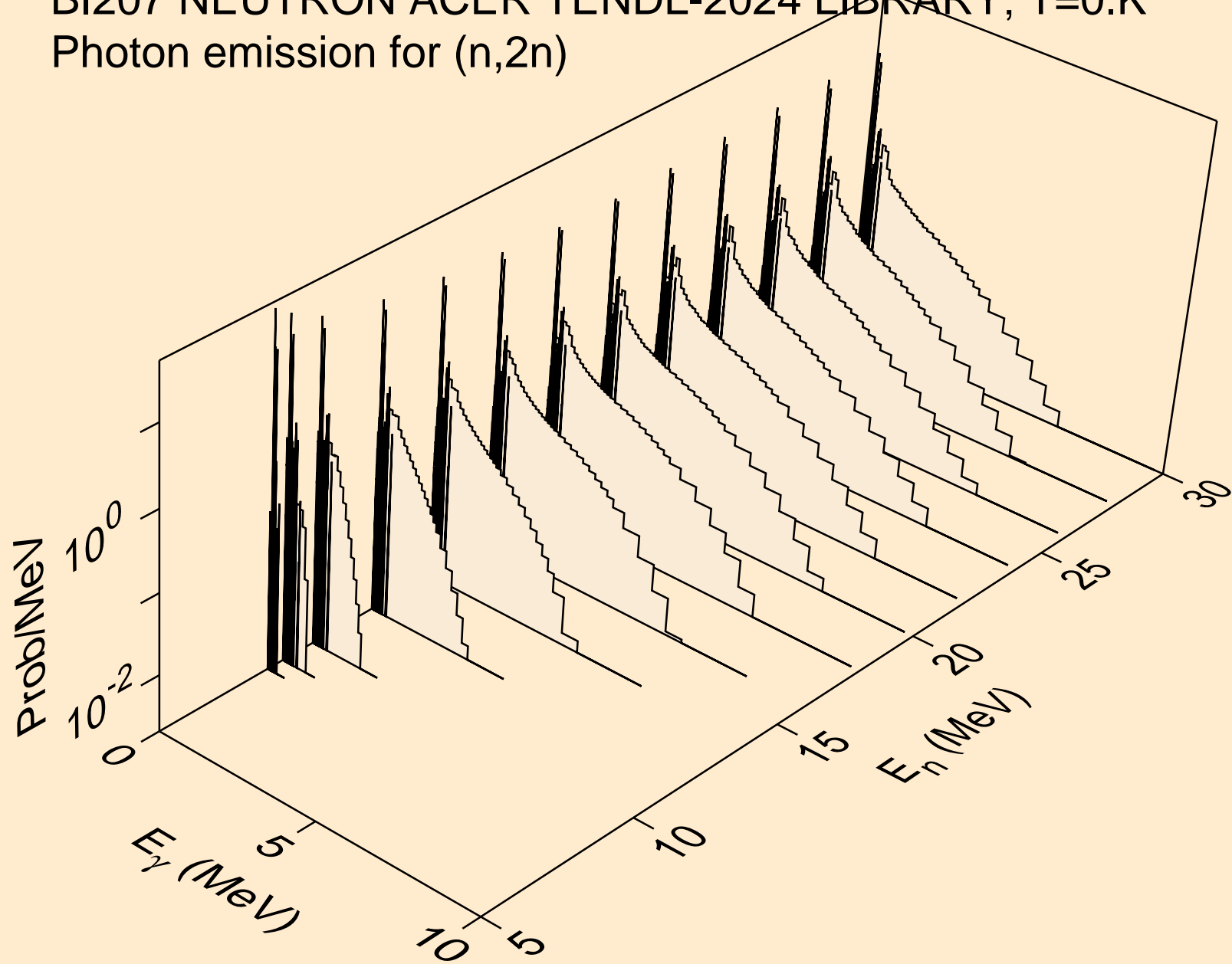


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

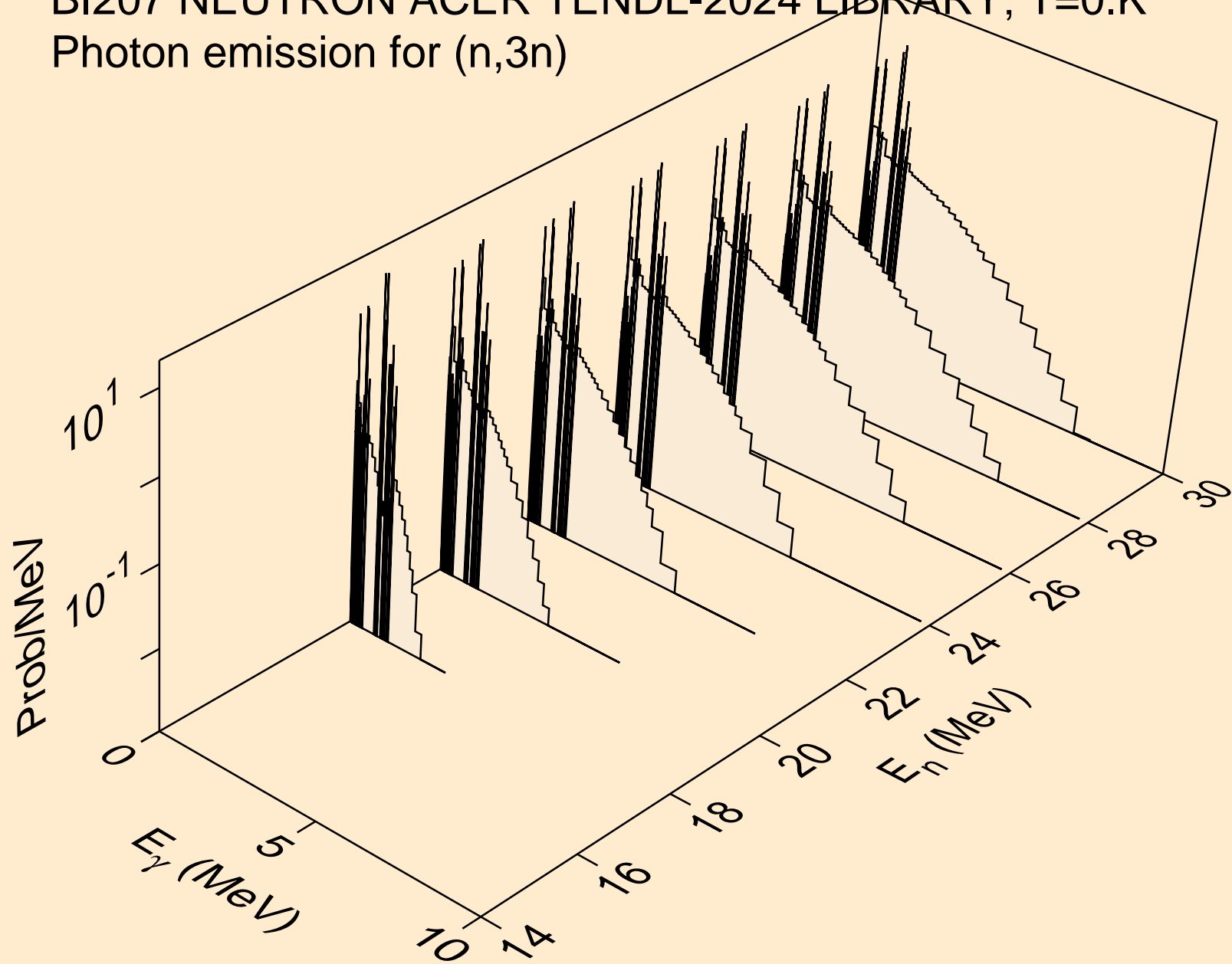




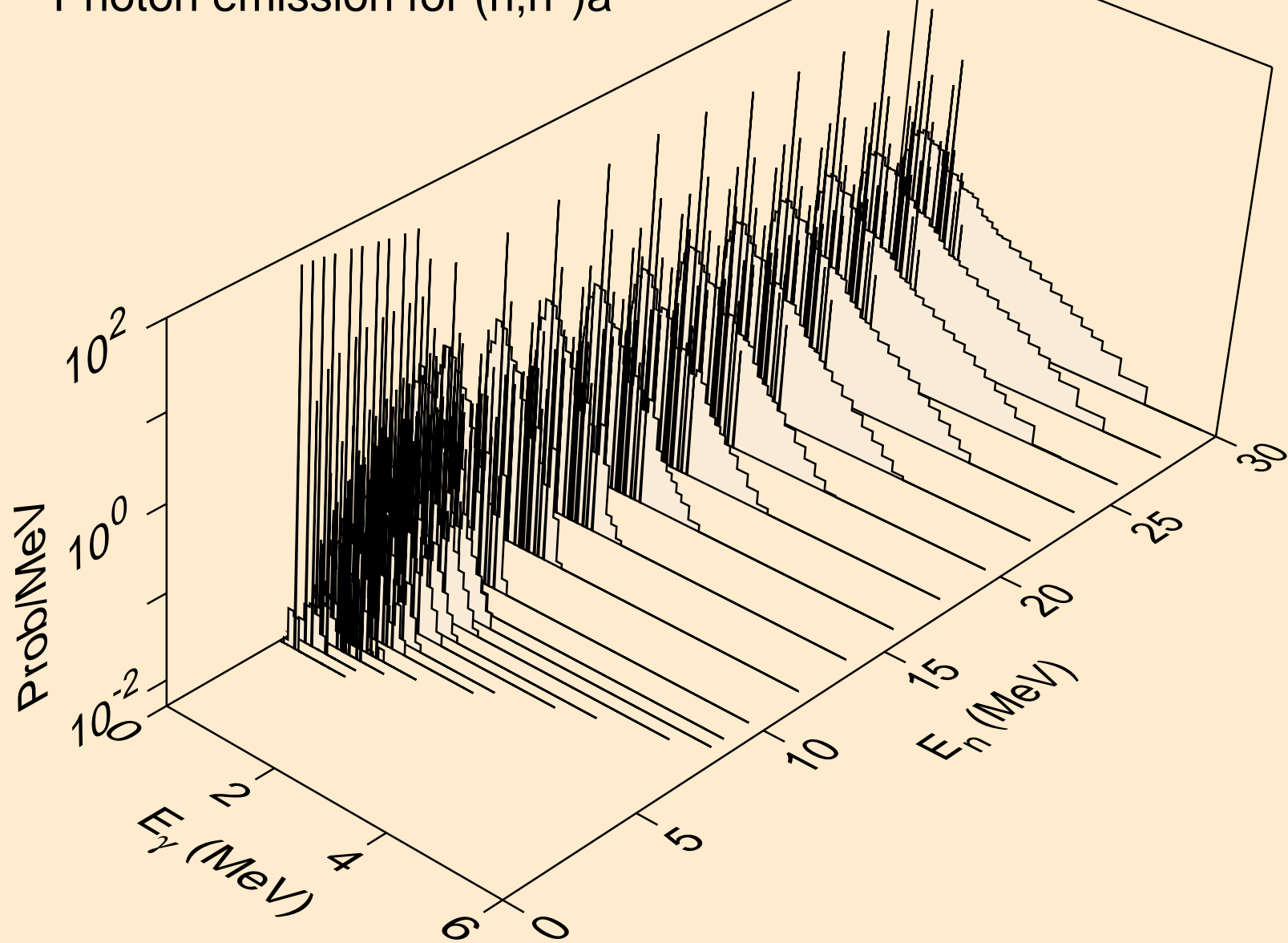
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Photon emission for (n,2n)



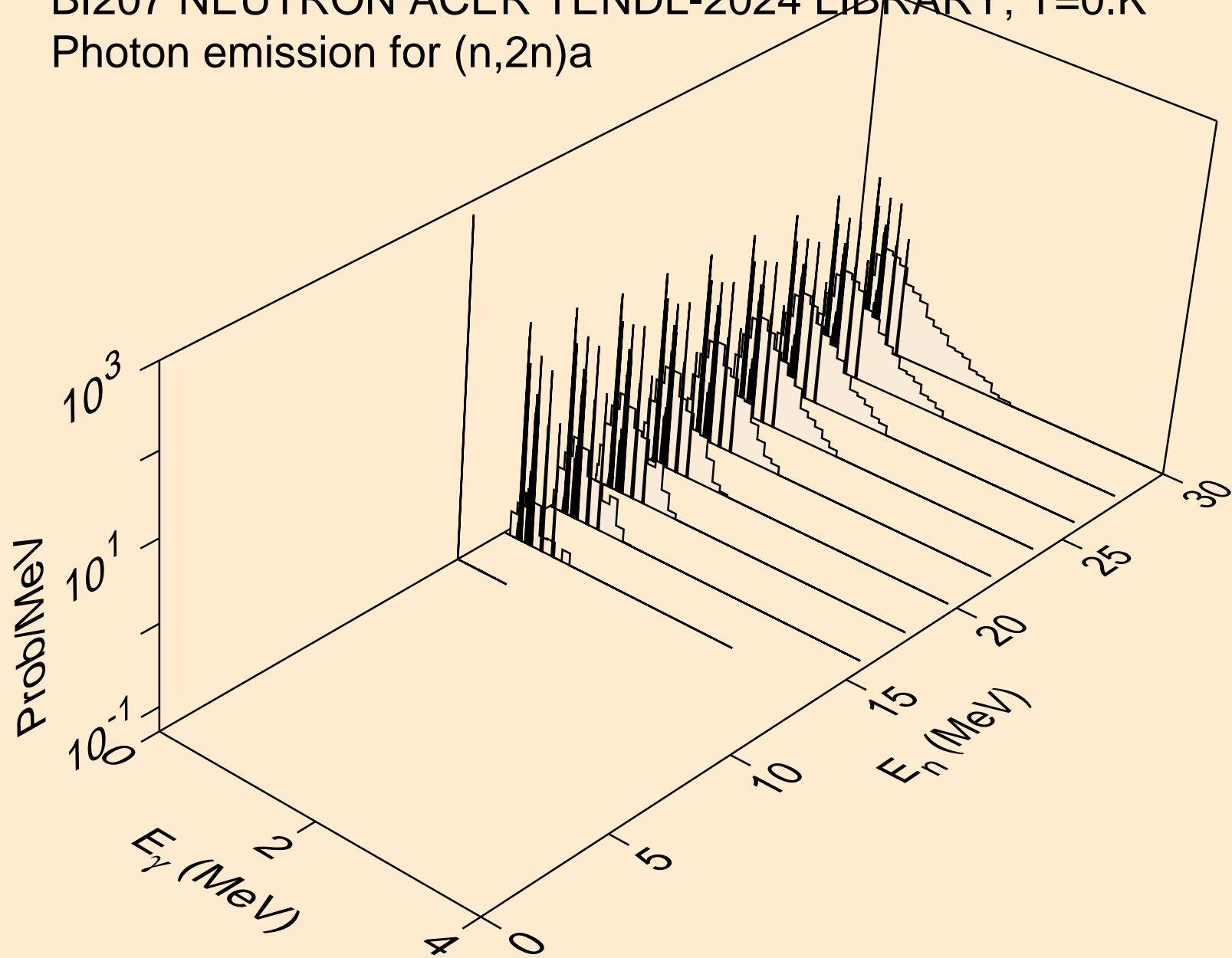
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Photon emission for (n,3n)



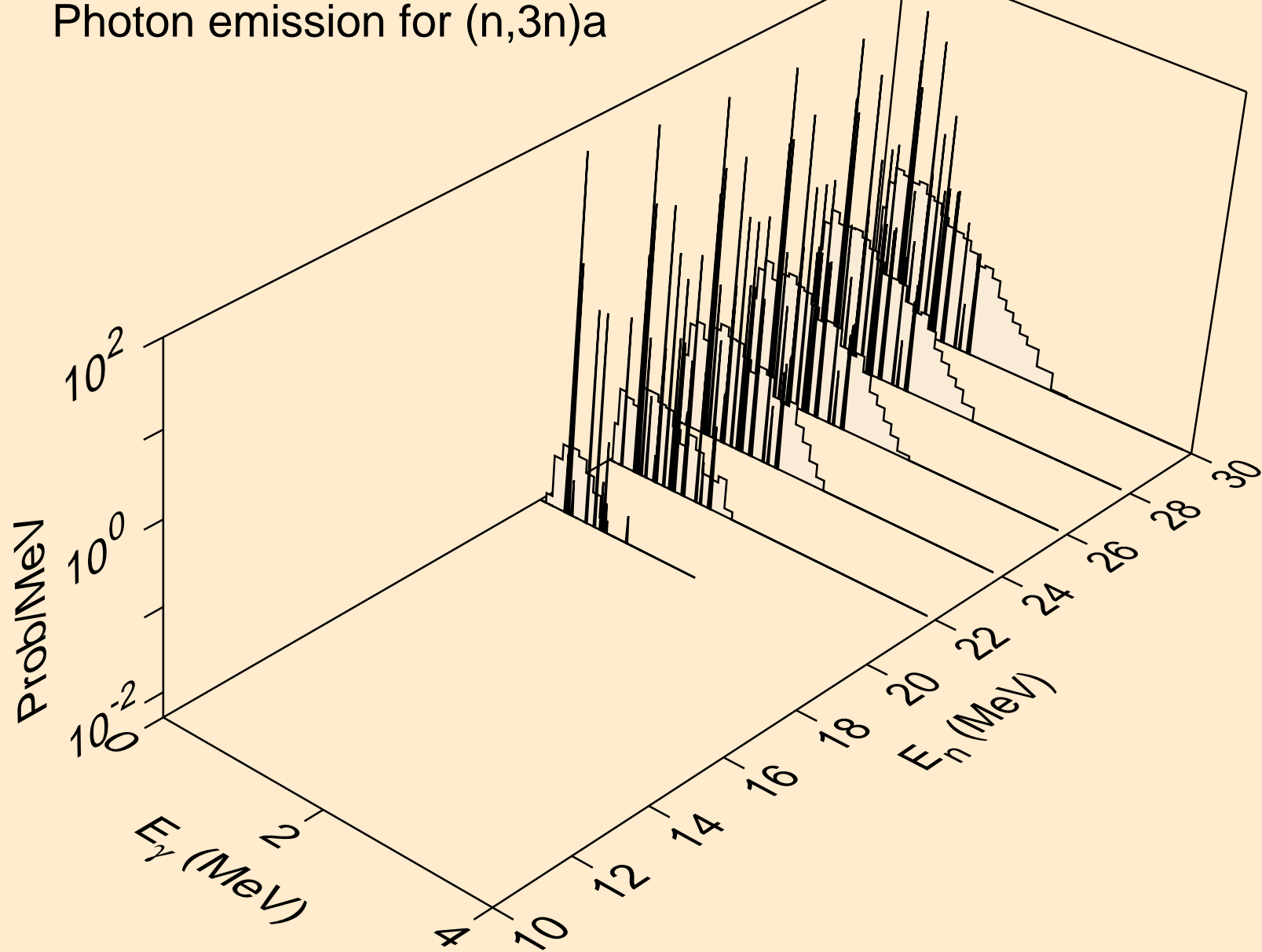
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Photon emission for (n,n\*)a



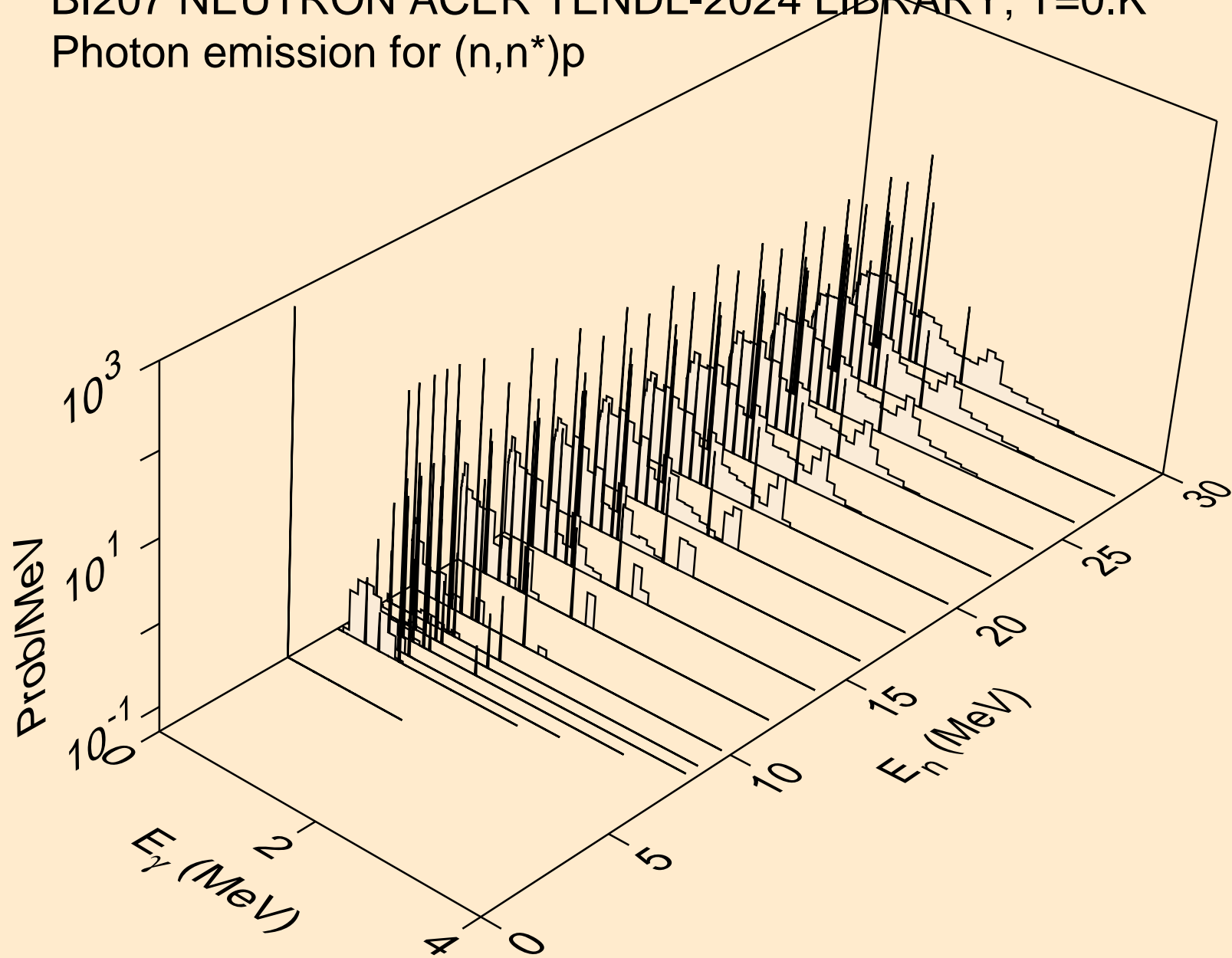
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Photon emission for (n,2n)a



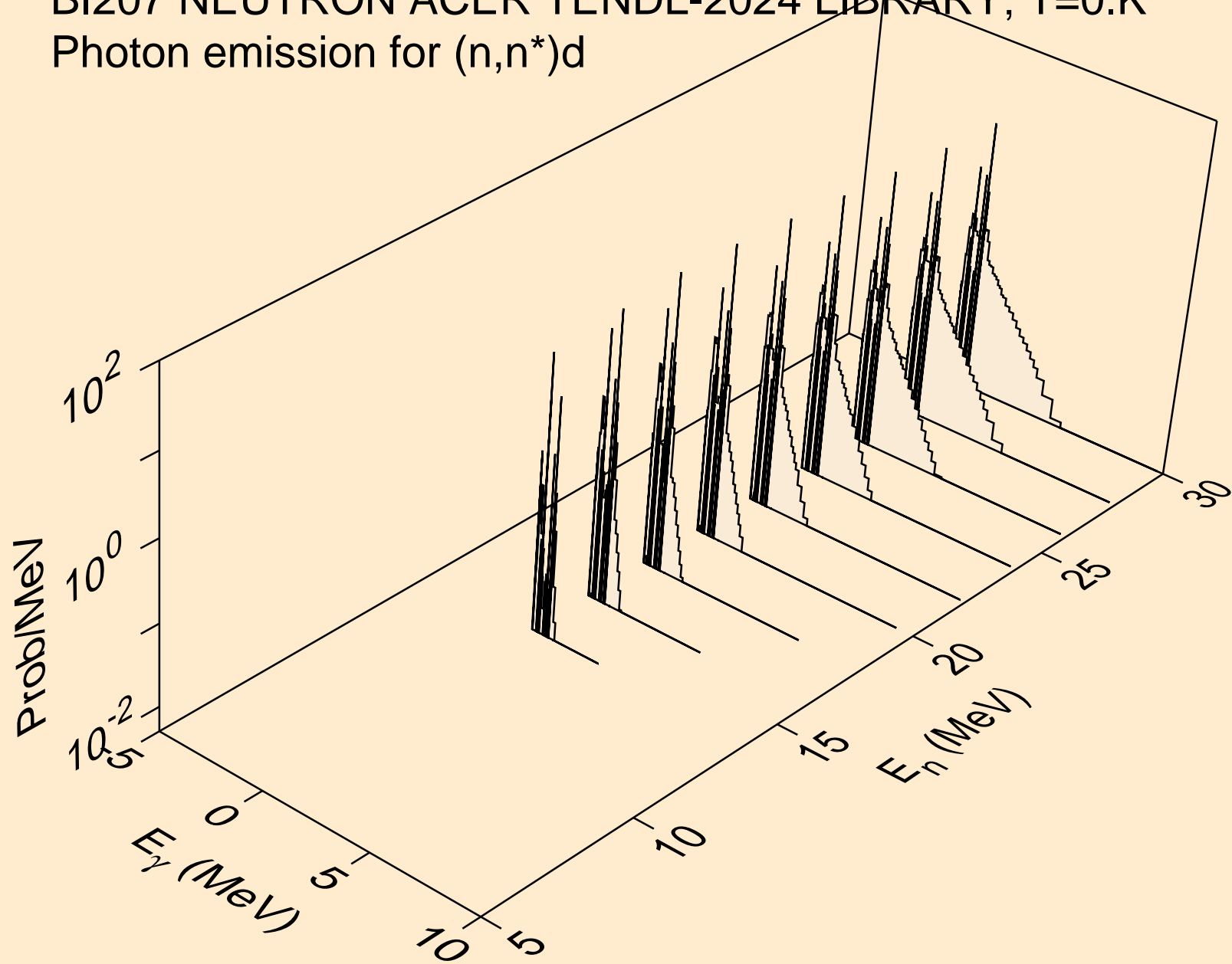
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Photon emission for (n,3n)a



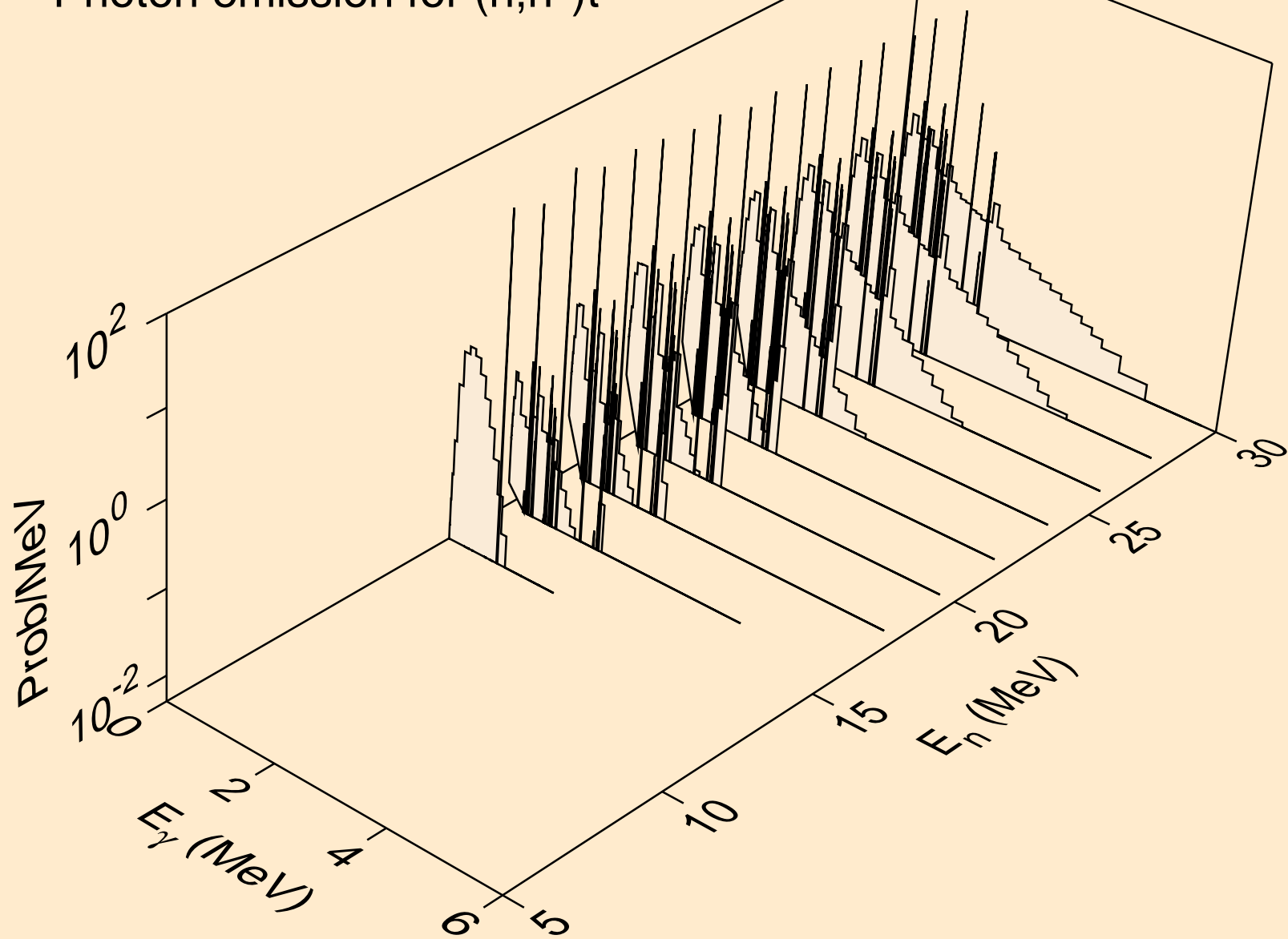
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

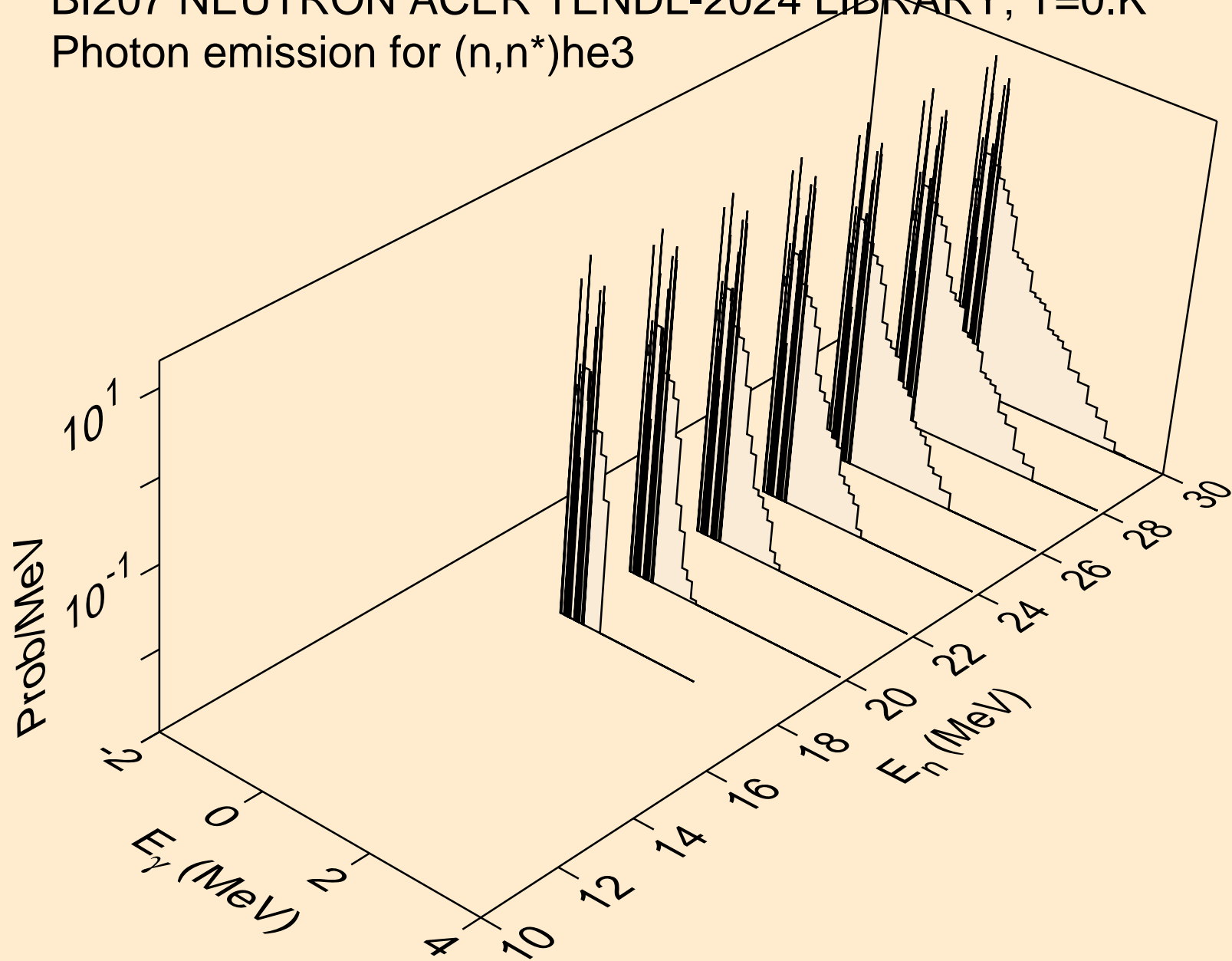


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

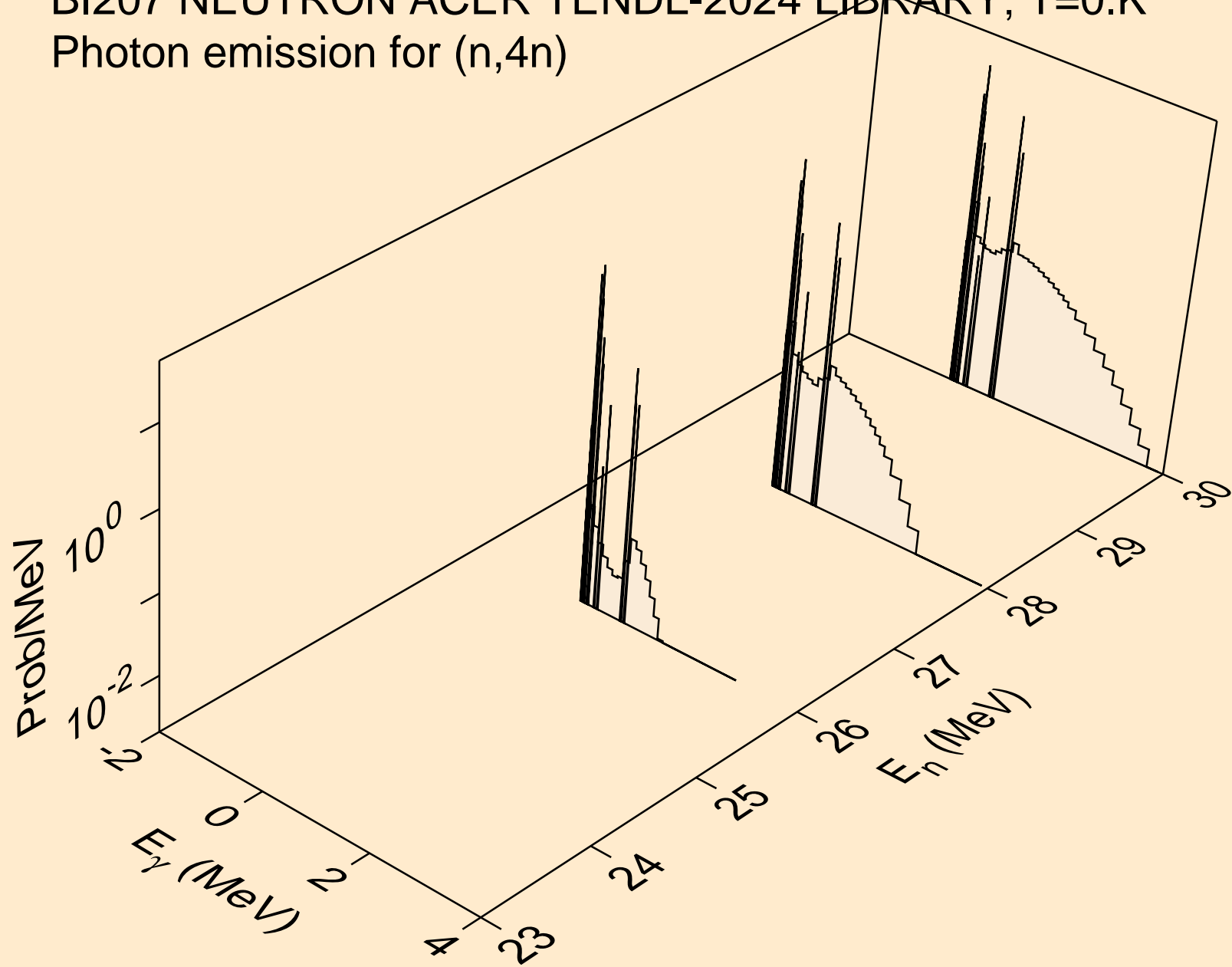




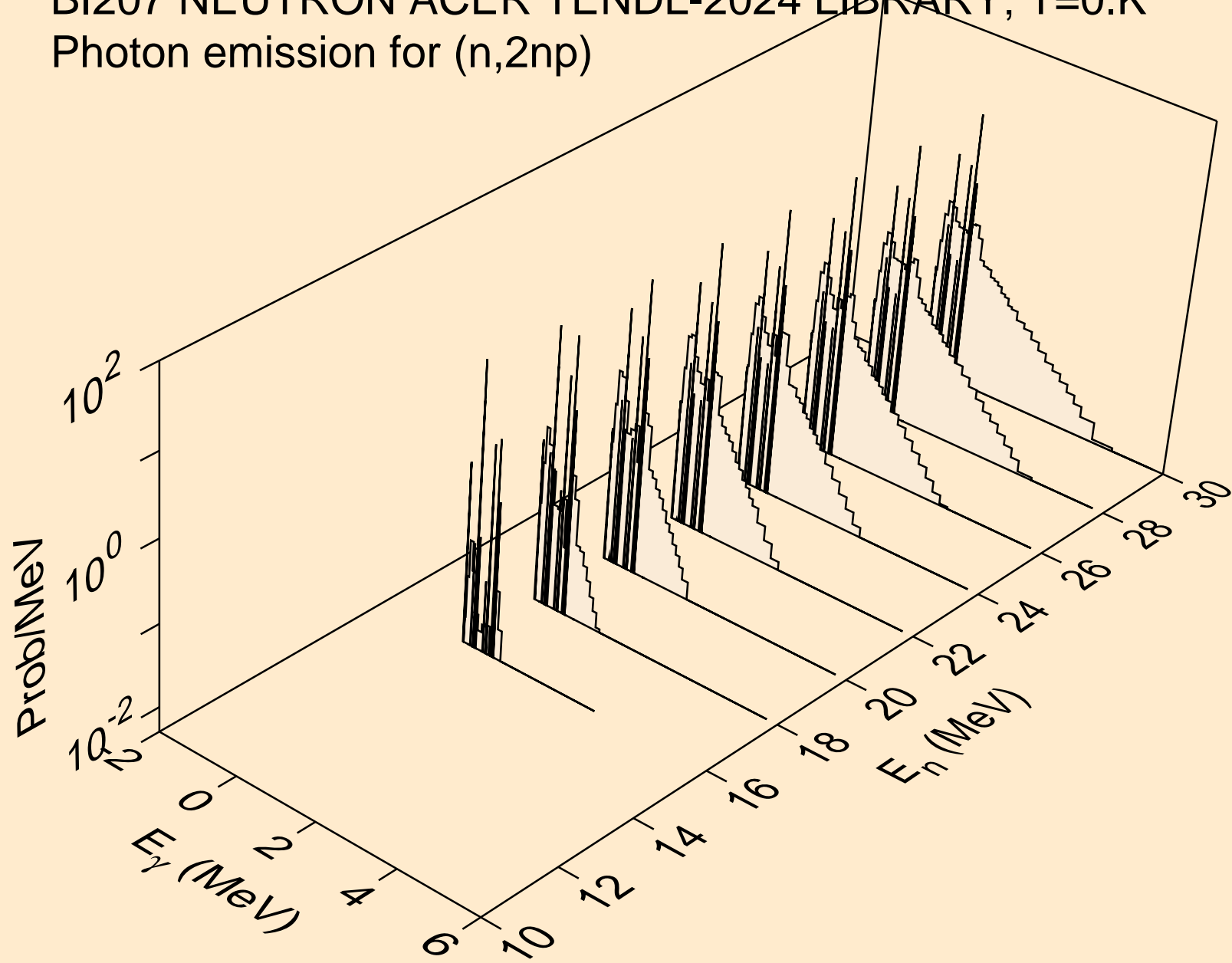
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



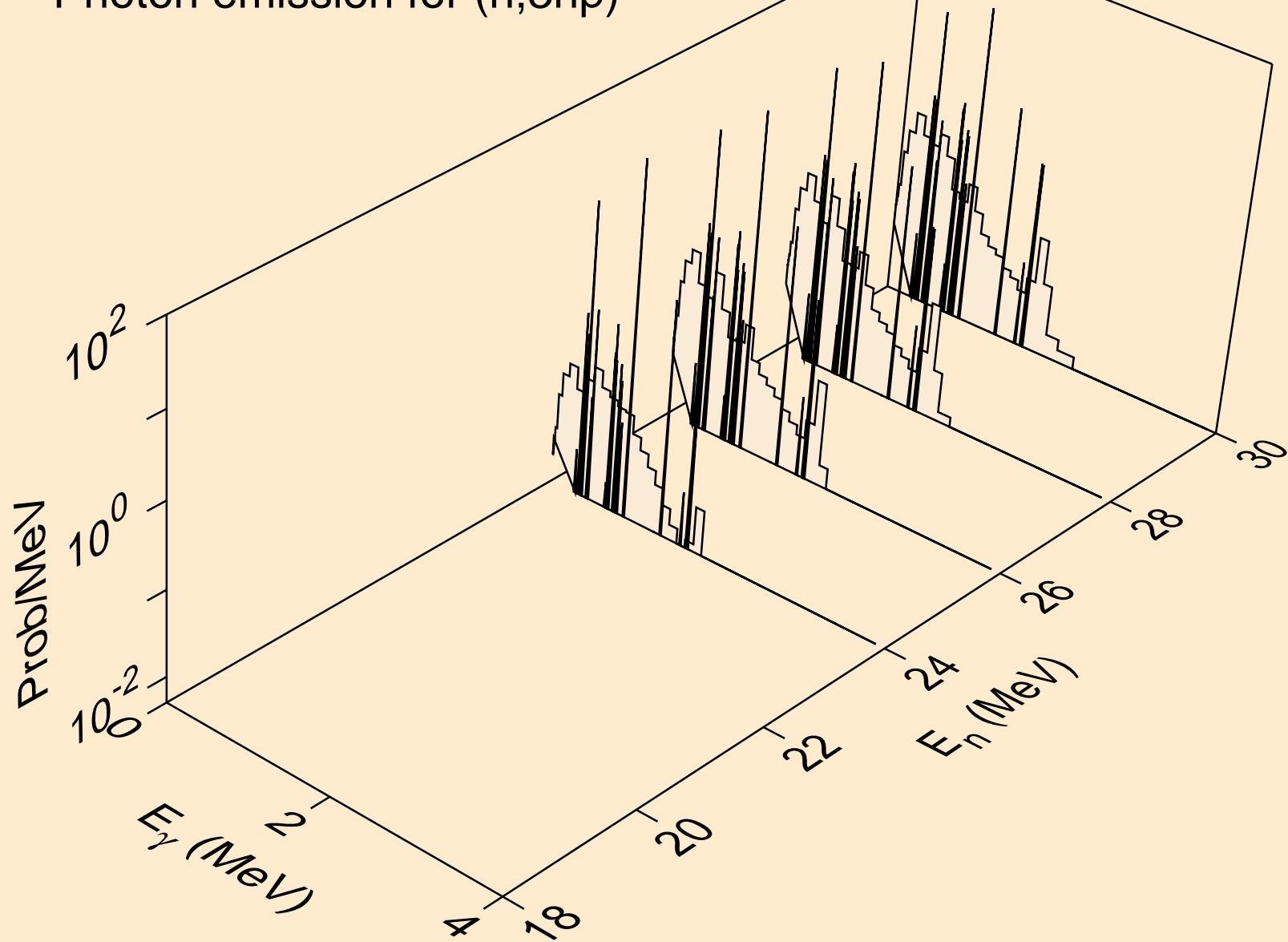
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



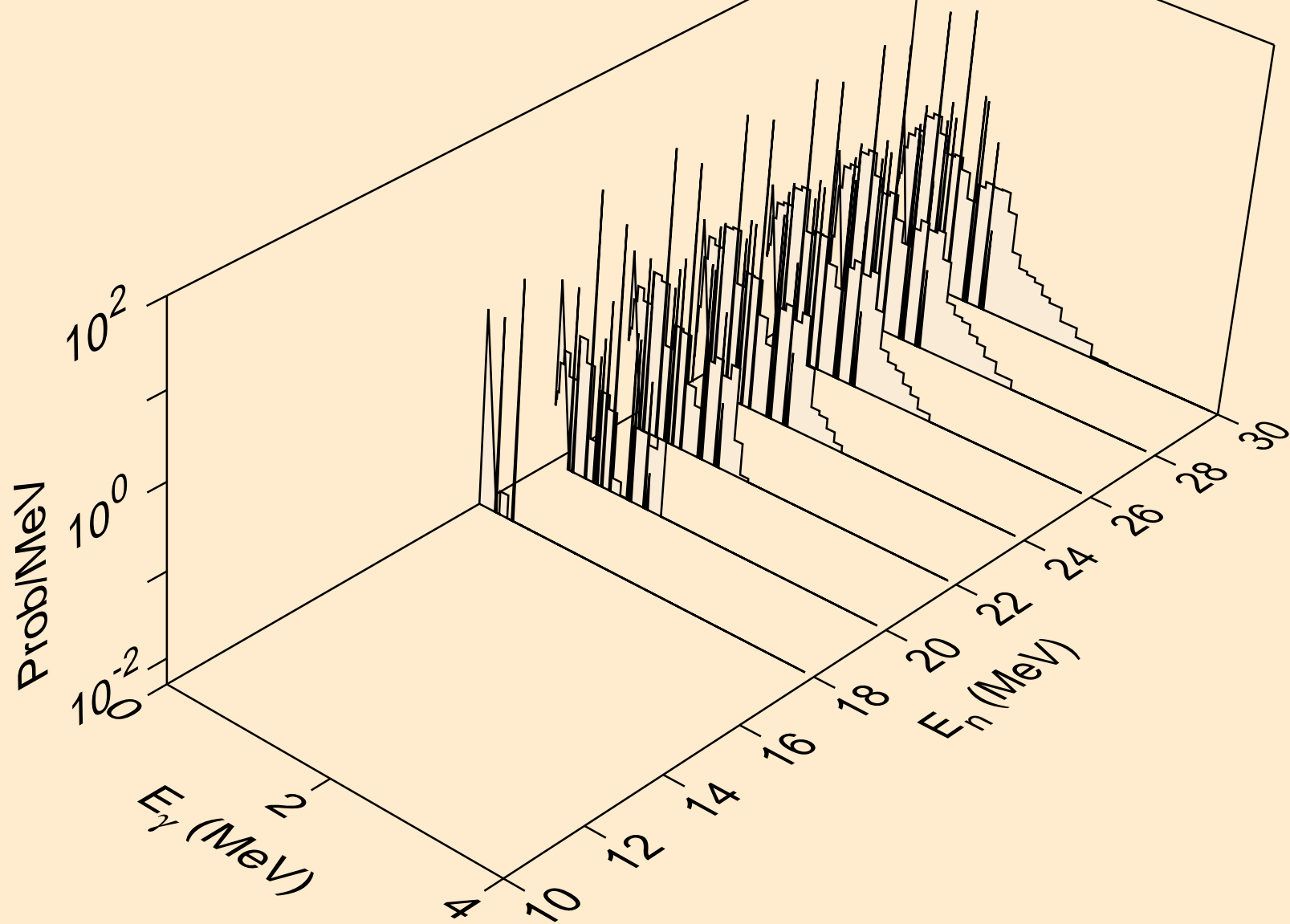
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Photon emission for (n,2np)



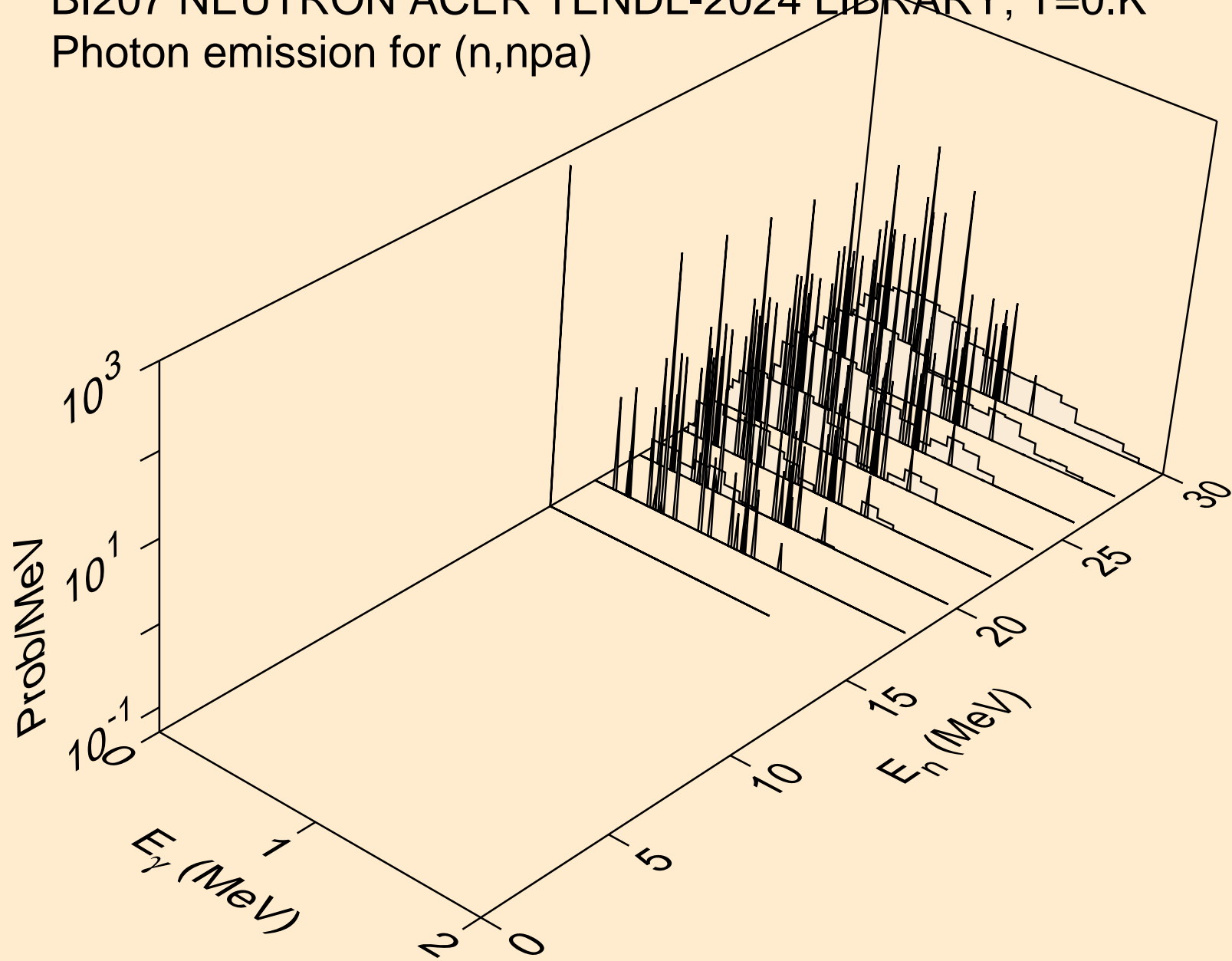
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Photon emission for (n,3np)



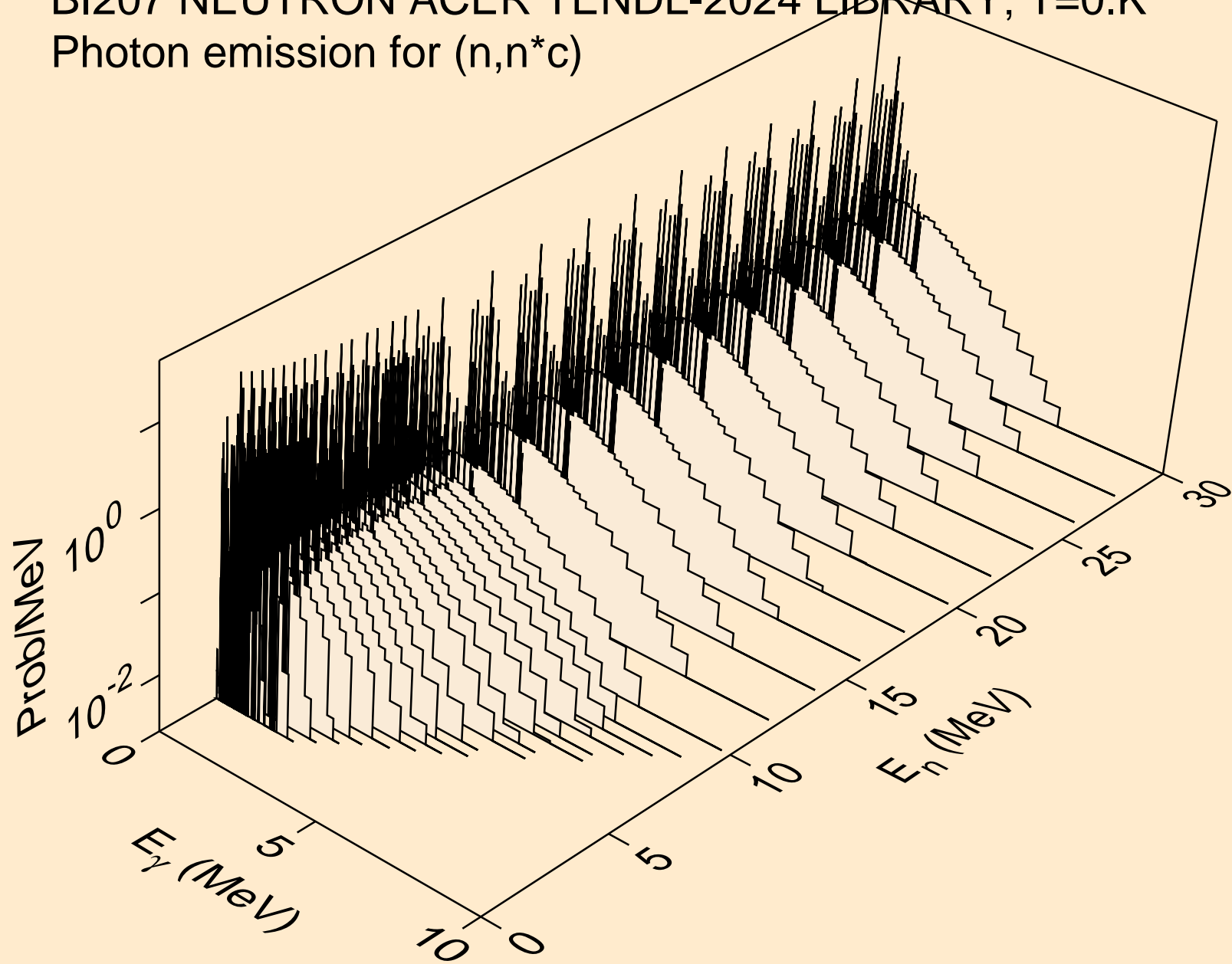
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Photon emission for (n,n2p)



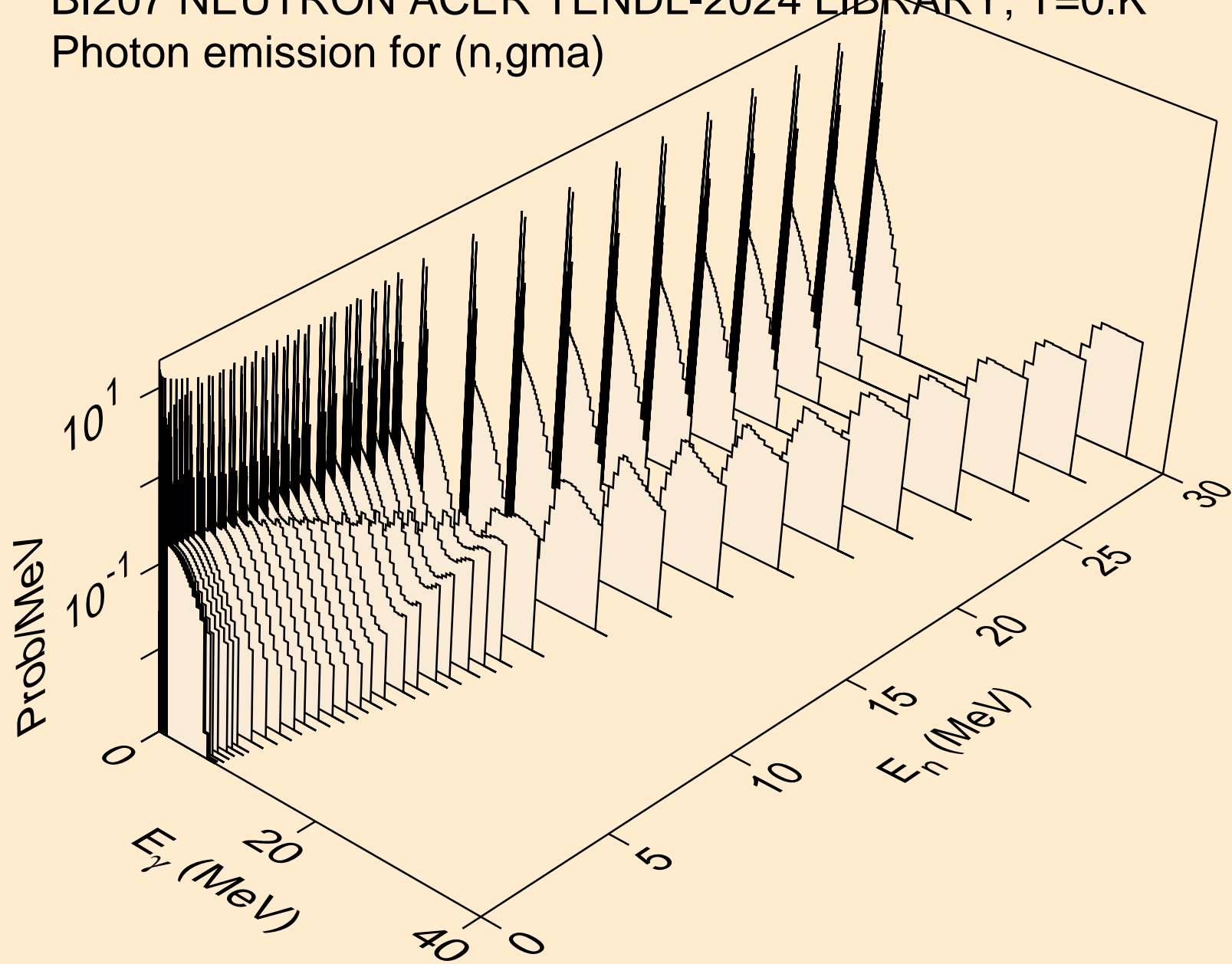
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

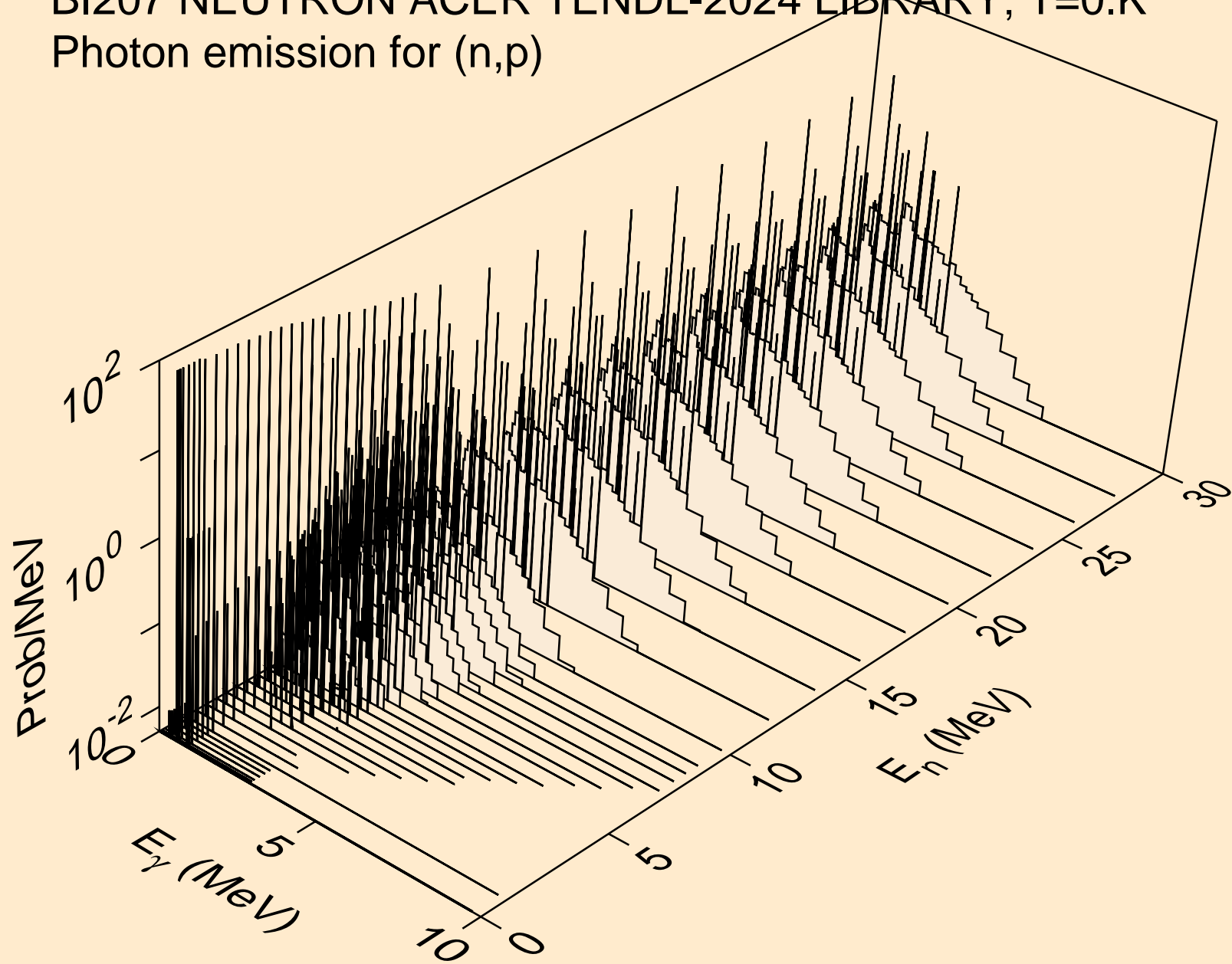


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Photon emission for (n,gma)

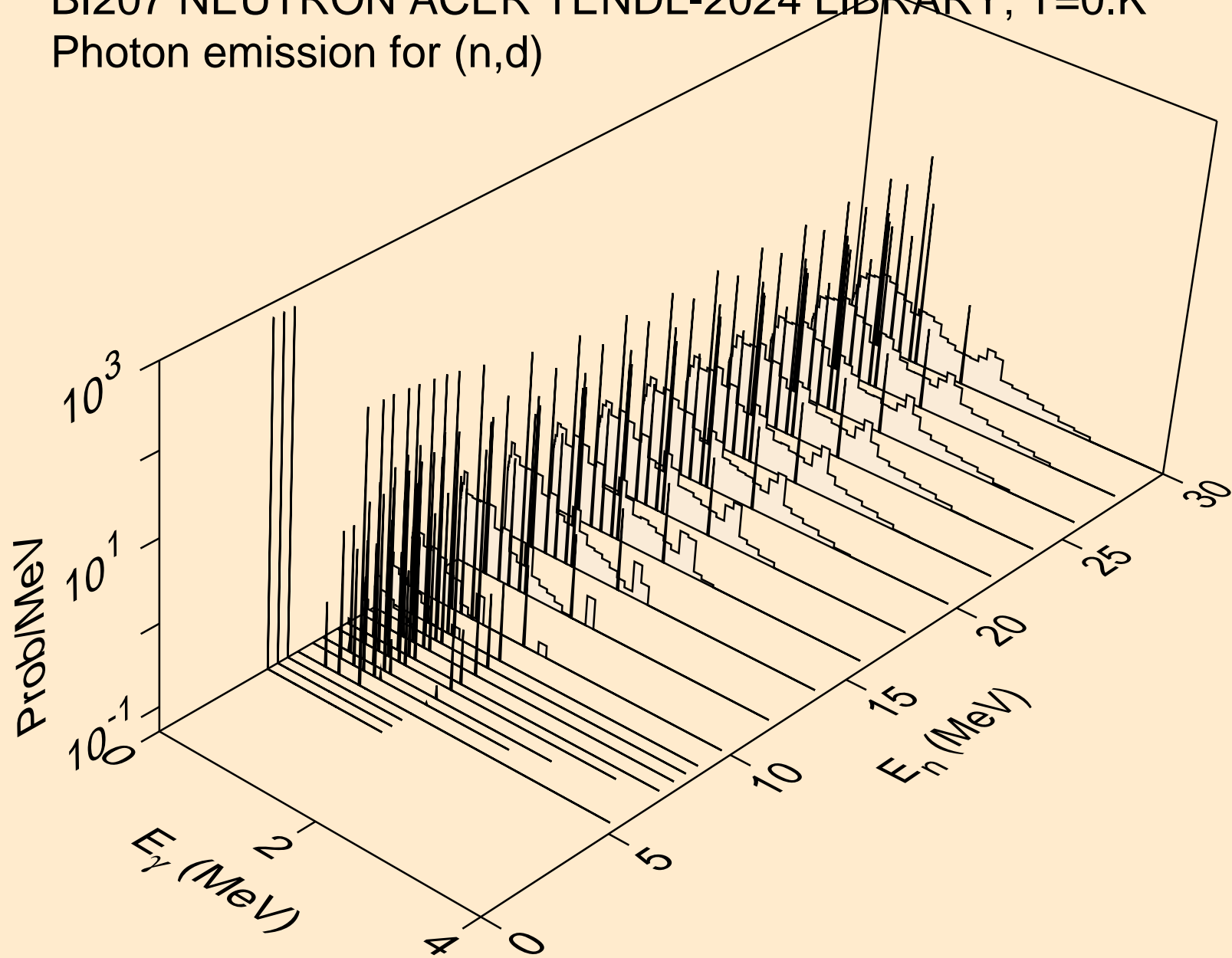




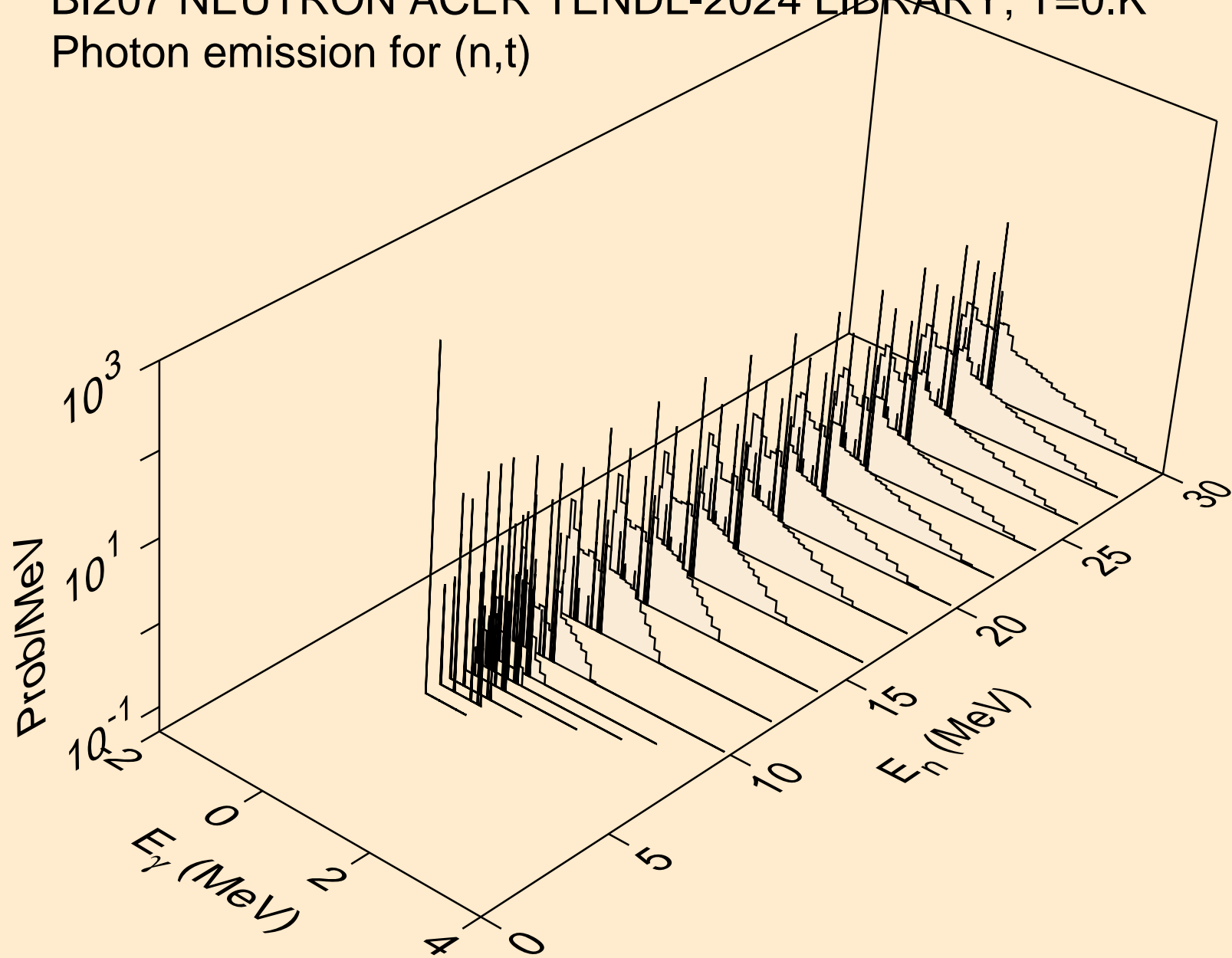
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Photon emission for (n,p)



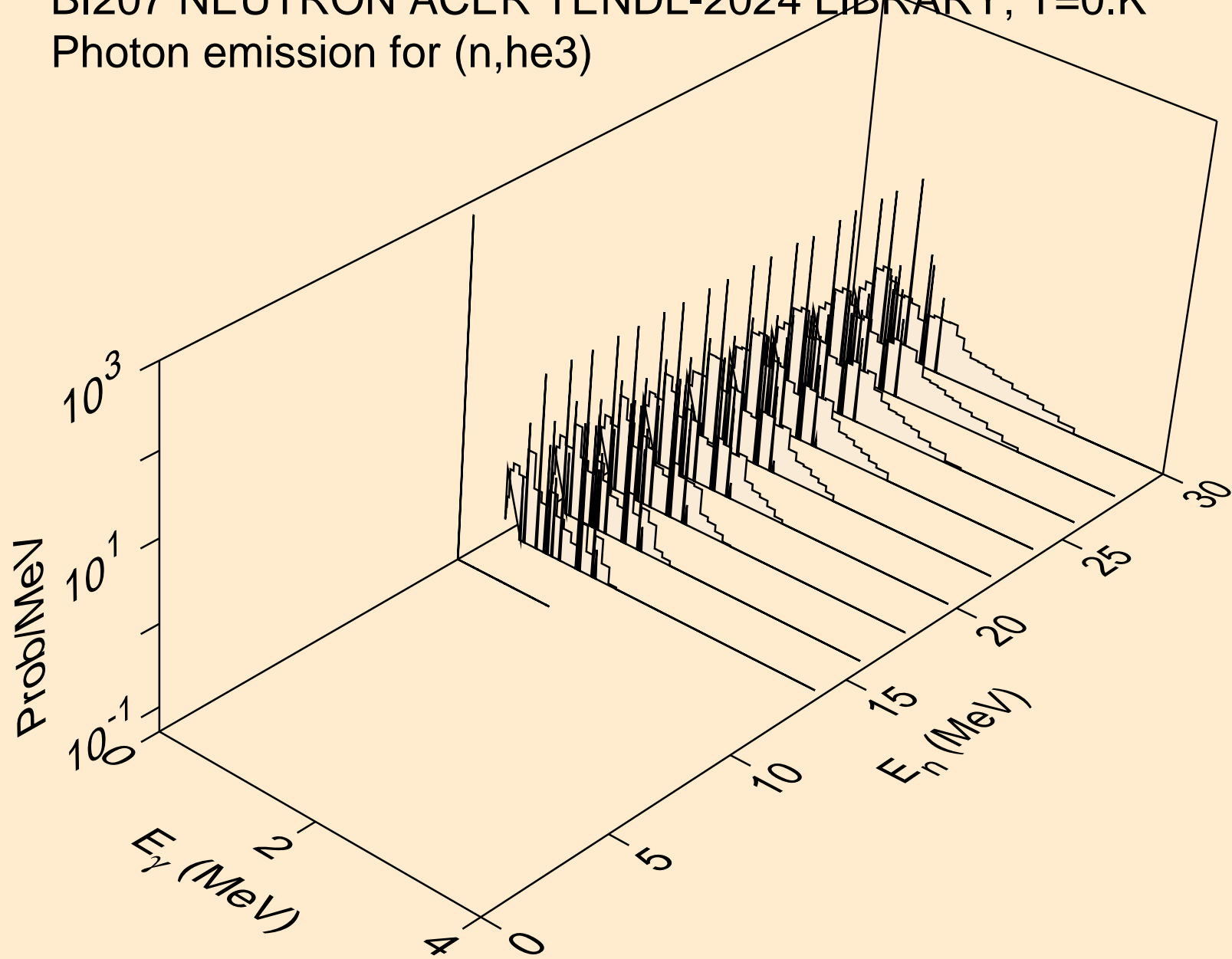
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Photon emission for (n,d)



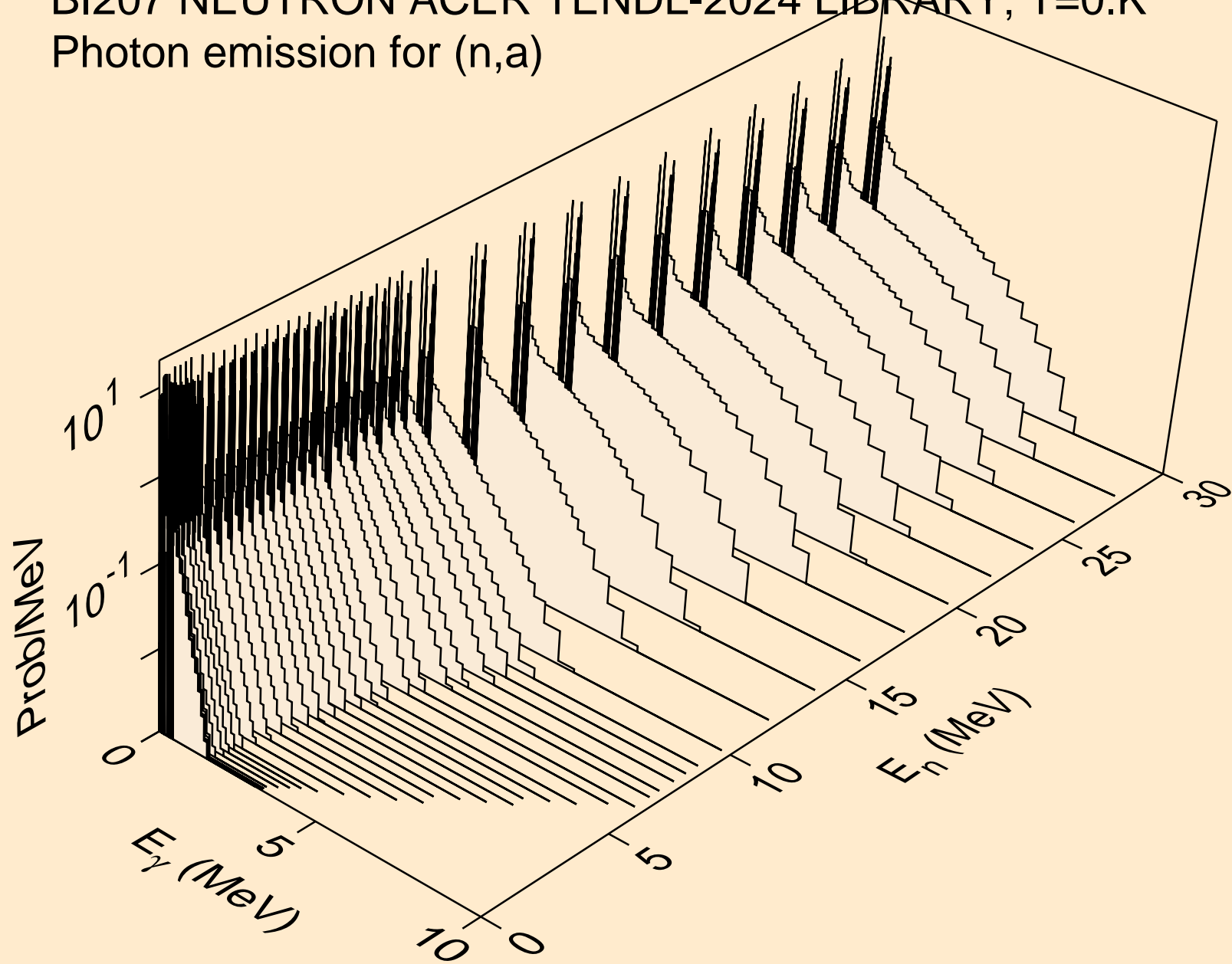
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Photon emission for (n,t)



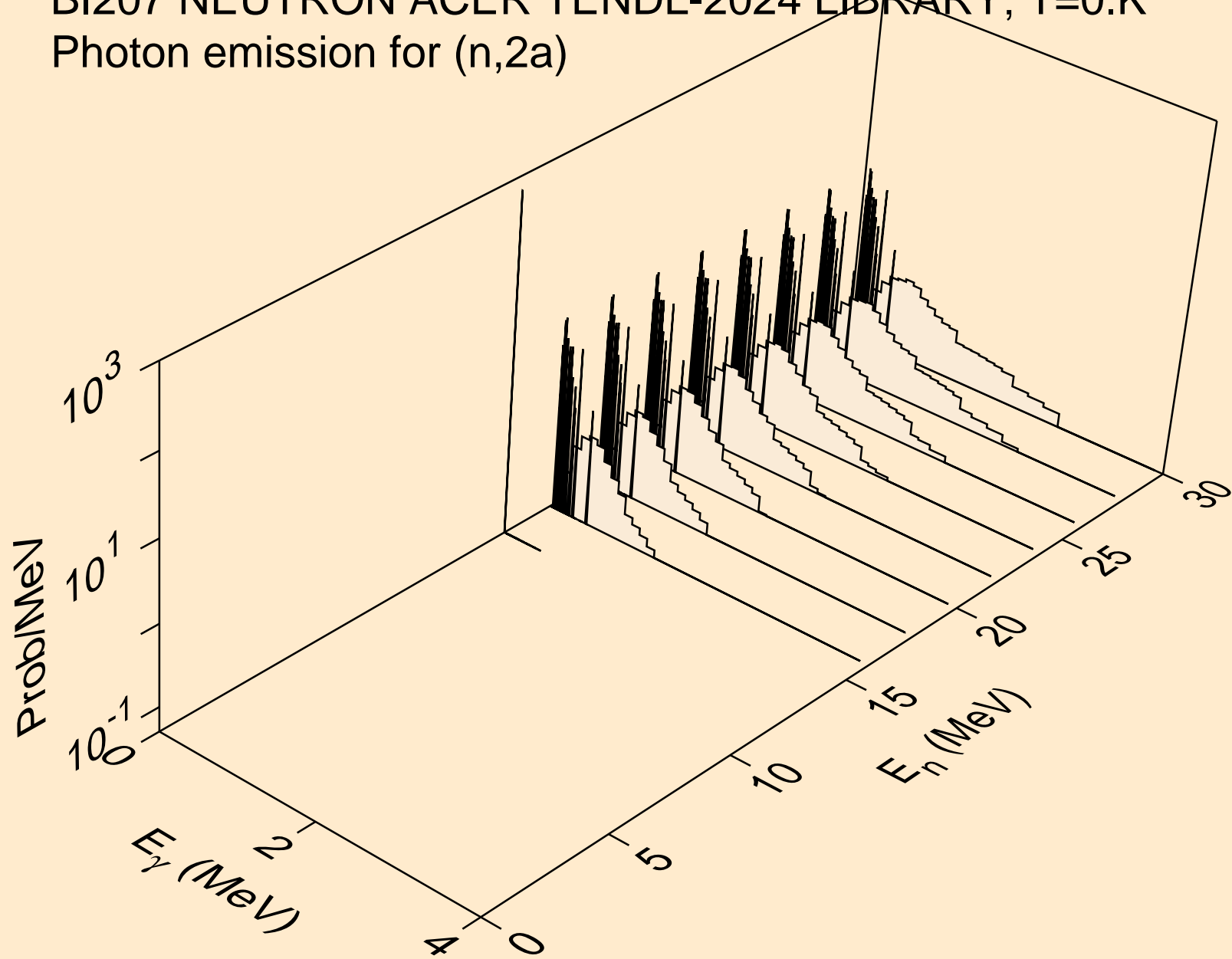
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Photon emission for (n,he3)



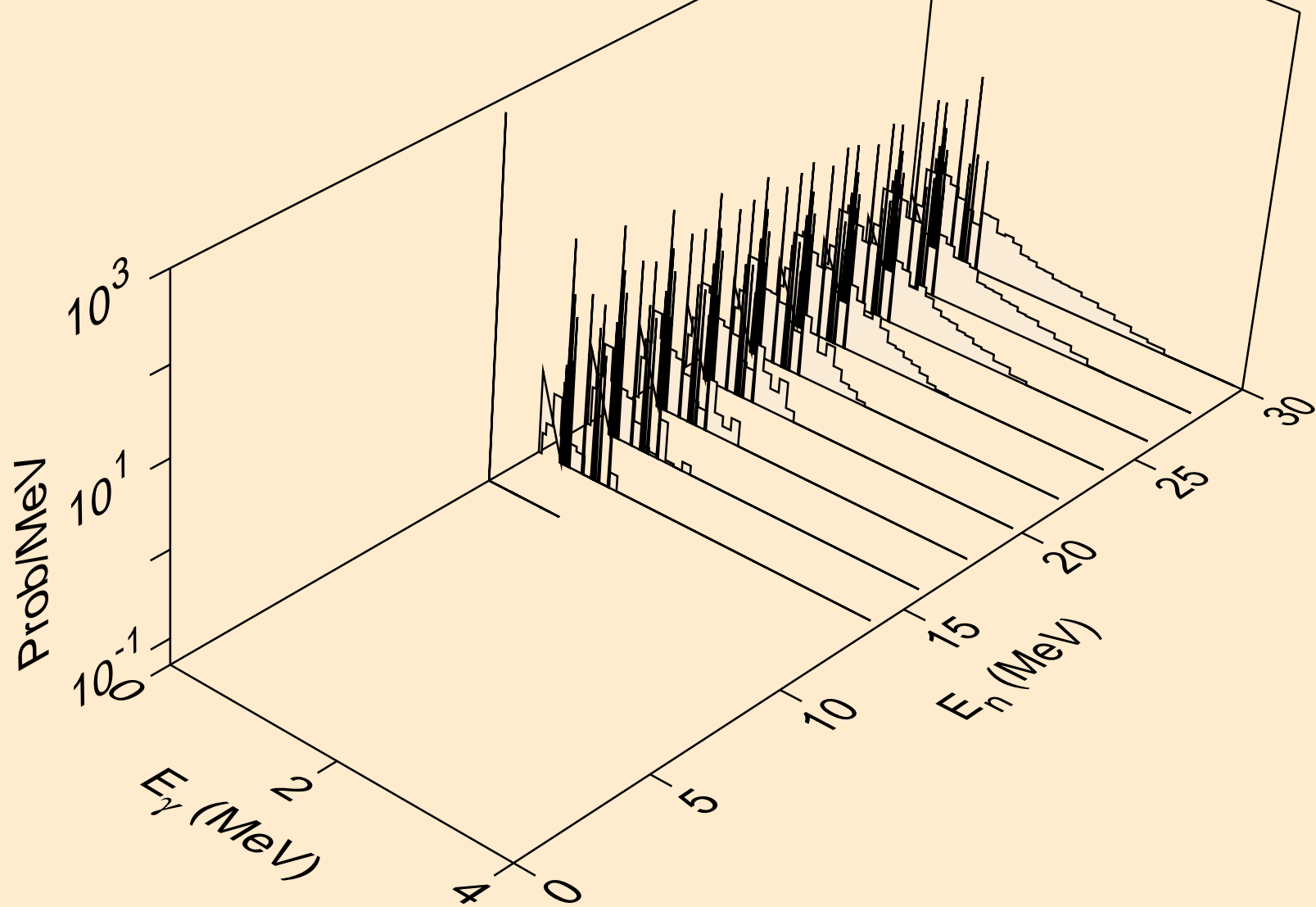
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Photon emission for (n,a)



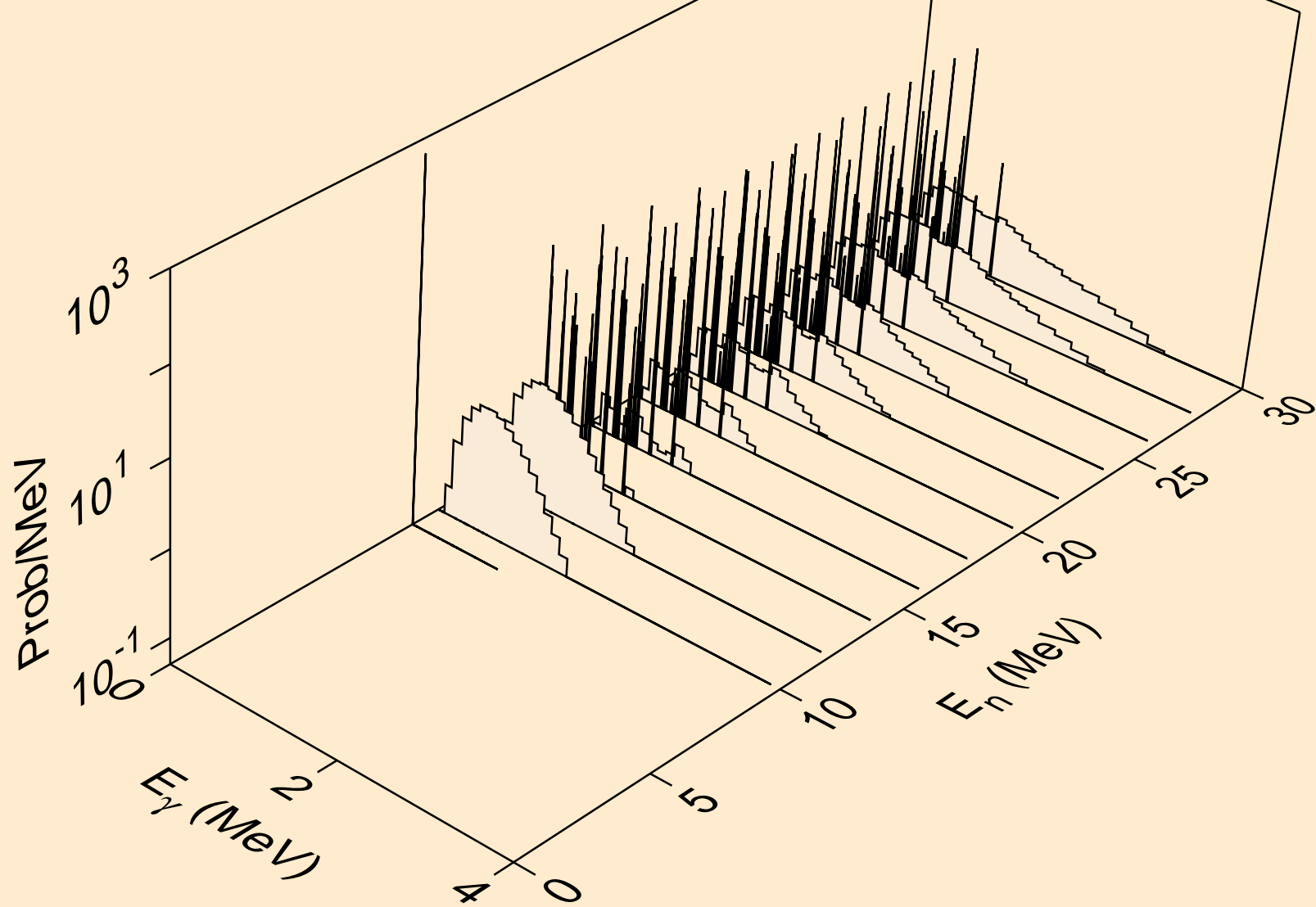
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Photon emission for (n,2a)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

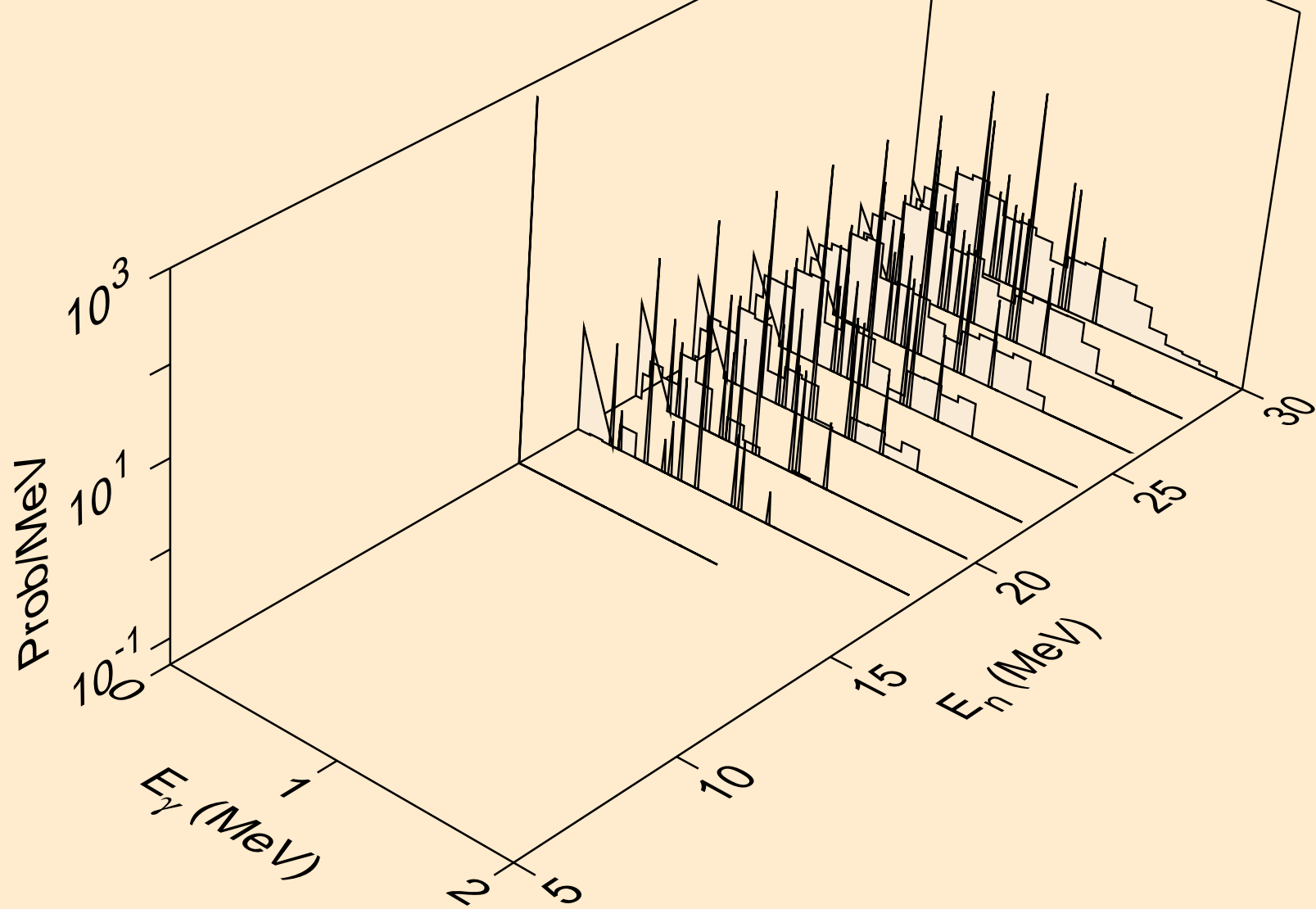


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Photon emission for (n,p)

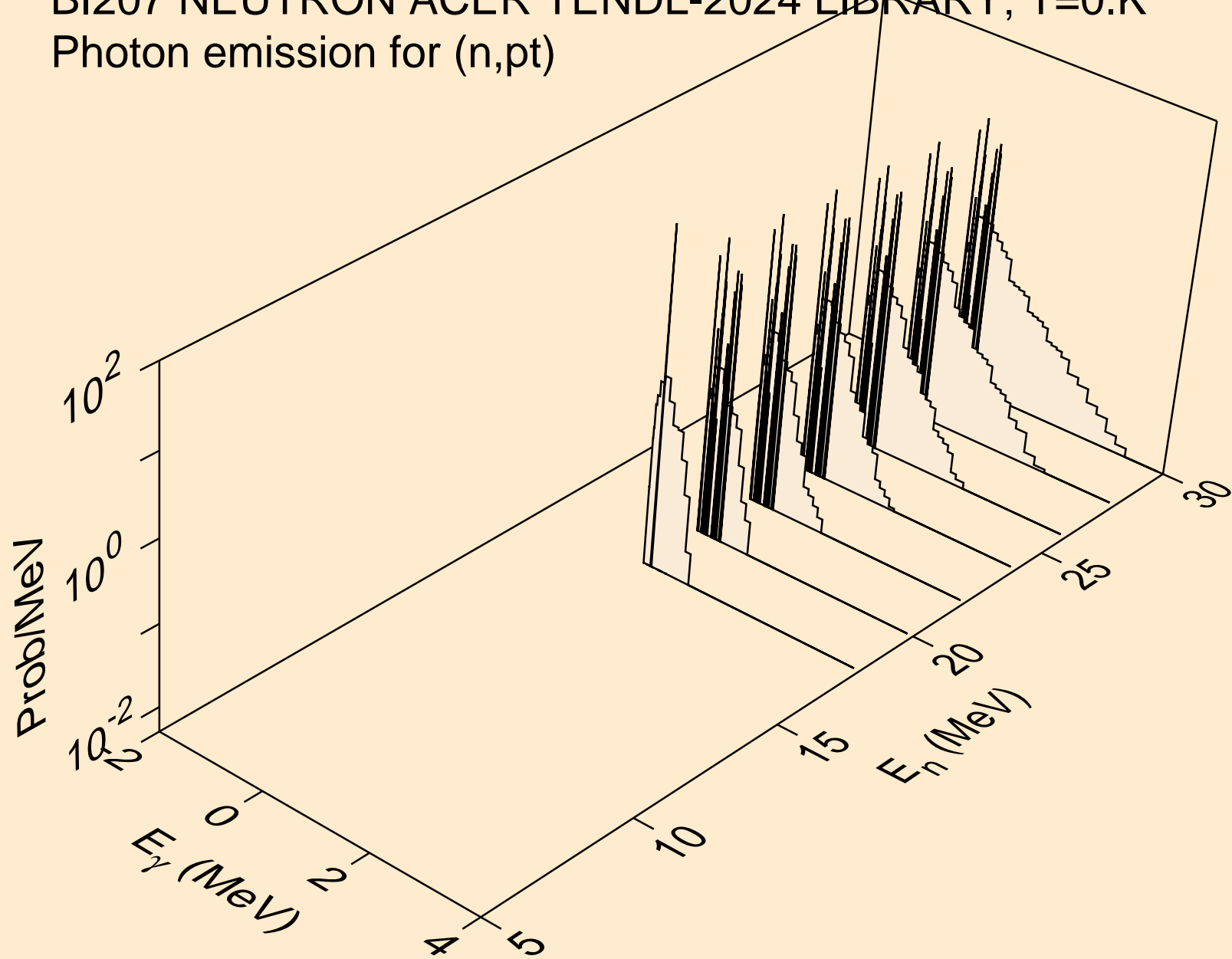




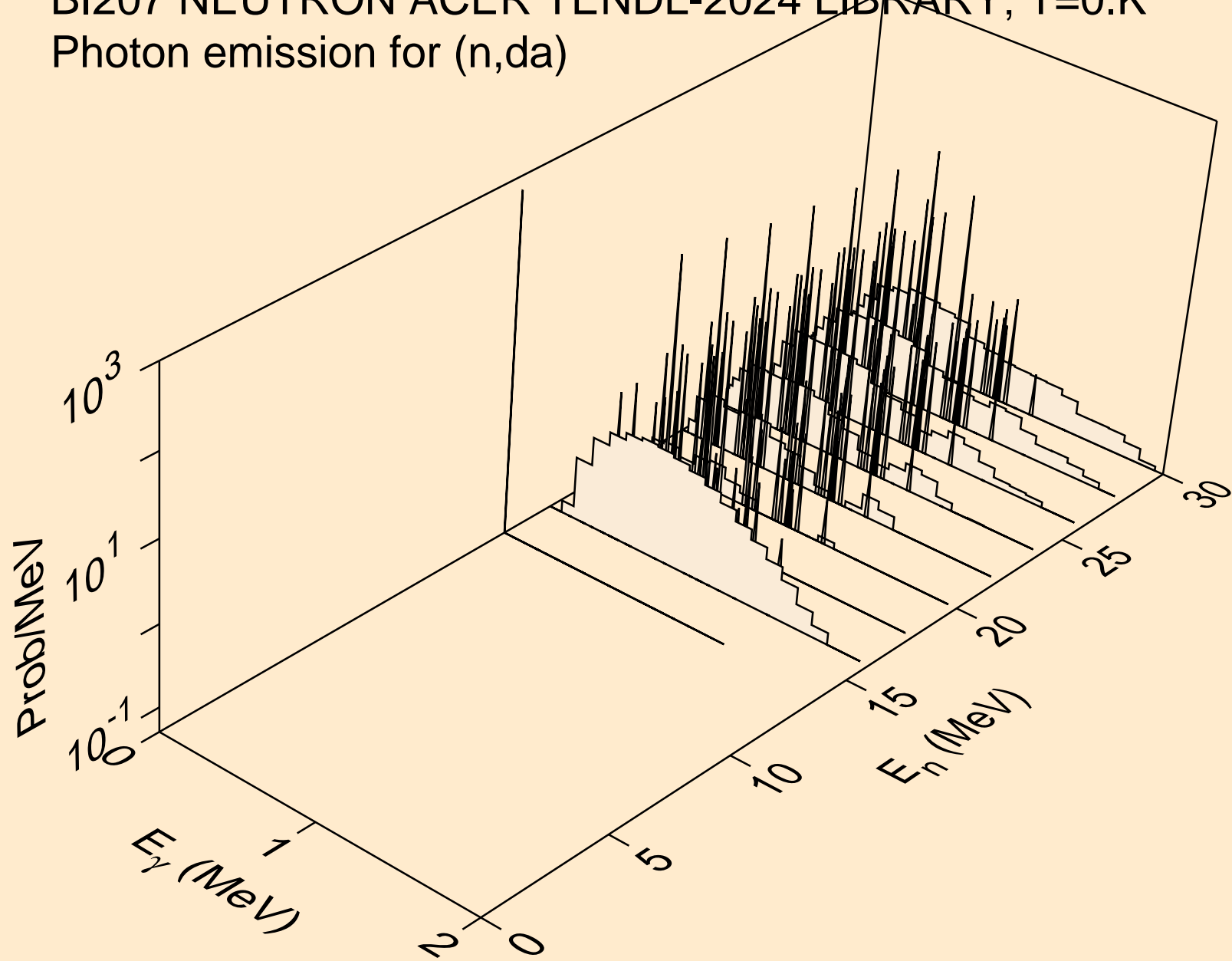
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Photon emission for (n,pd)



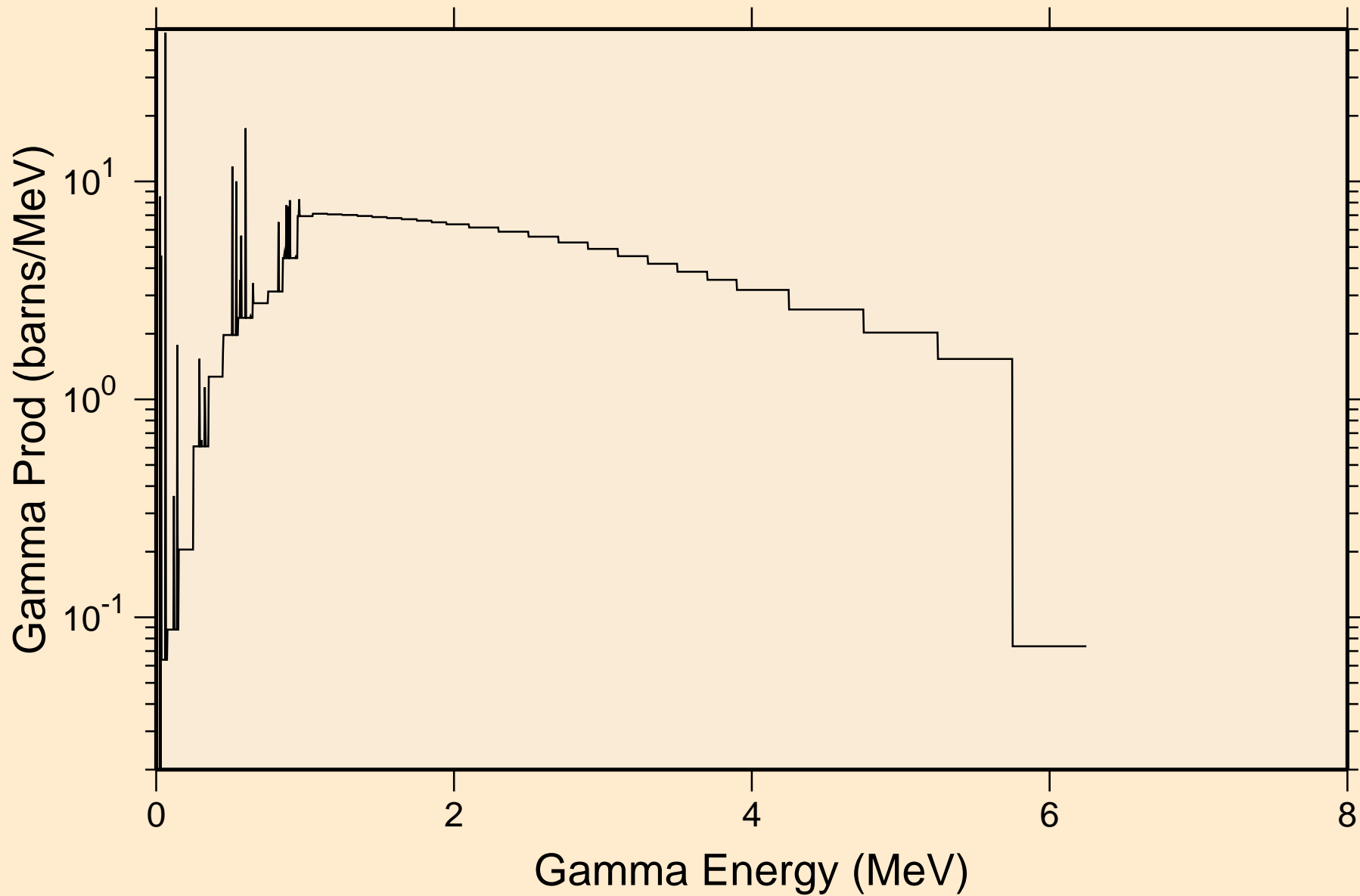
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Photon emission for (n,pt)



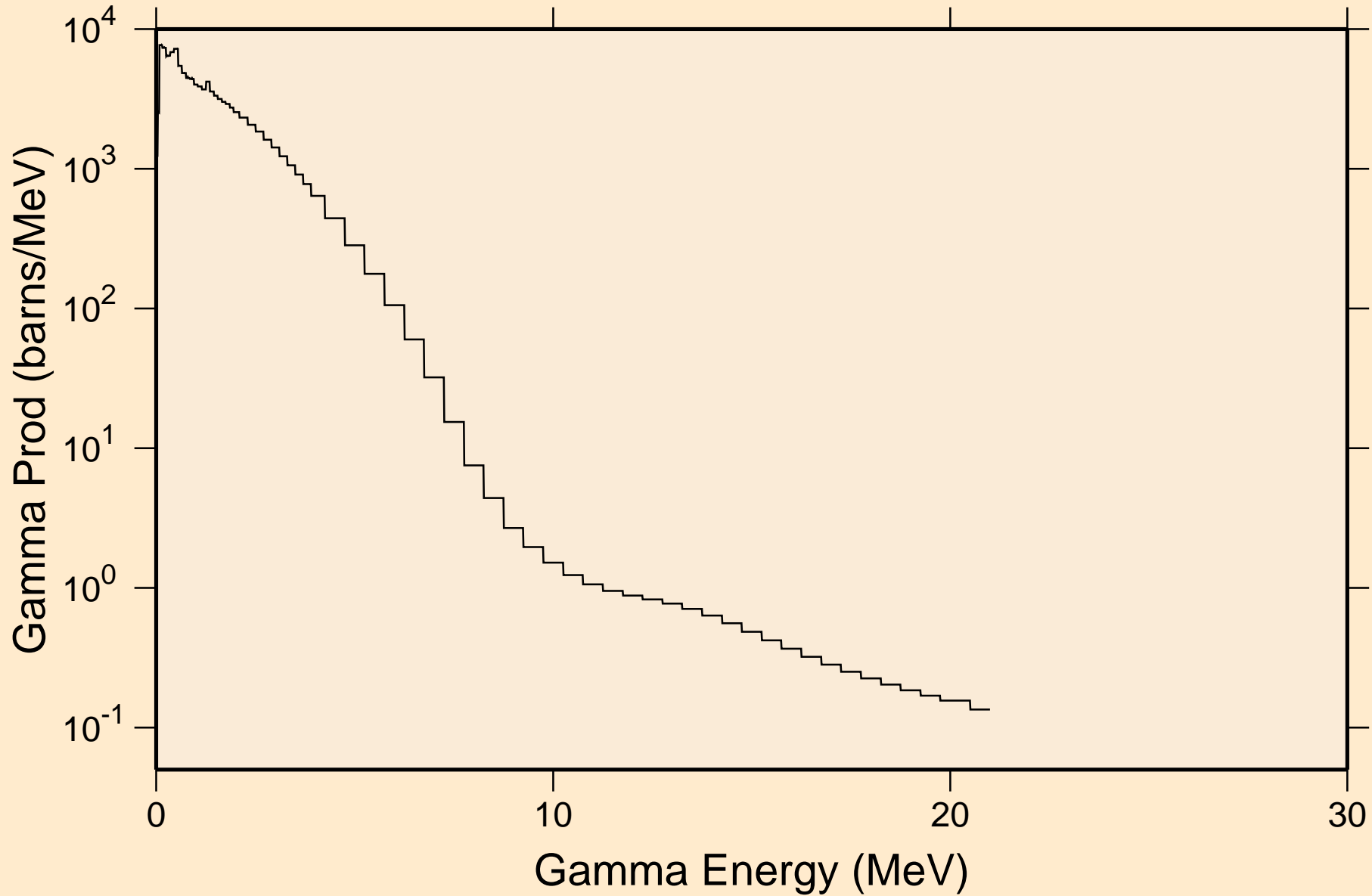
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

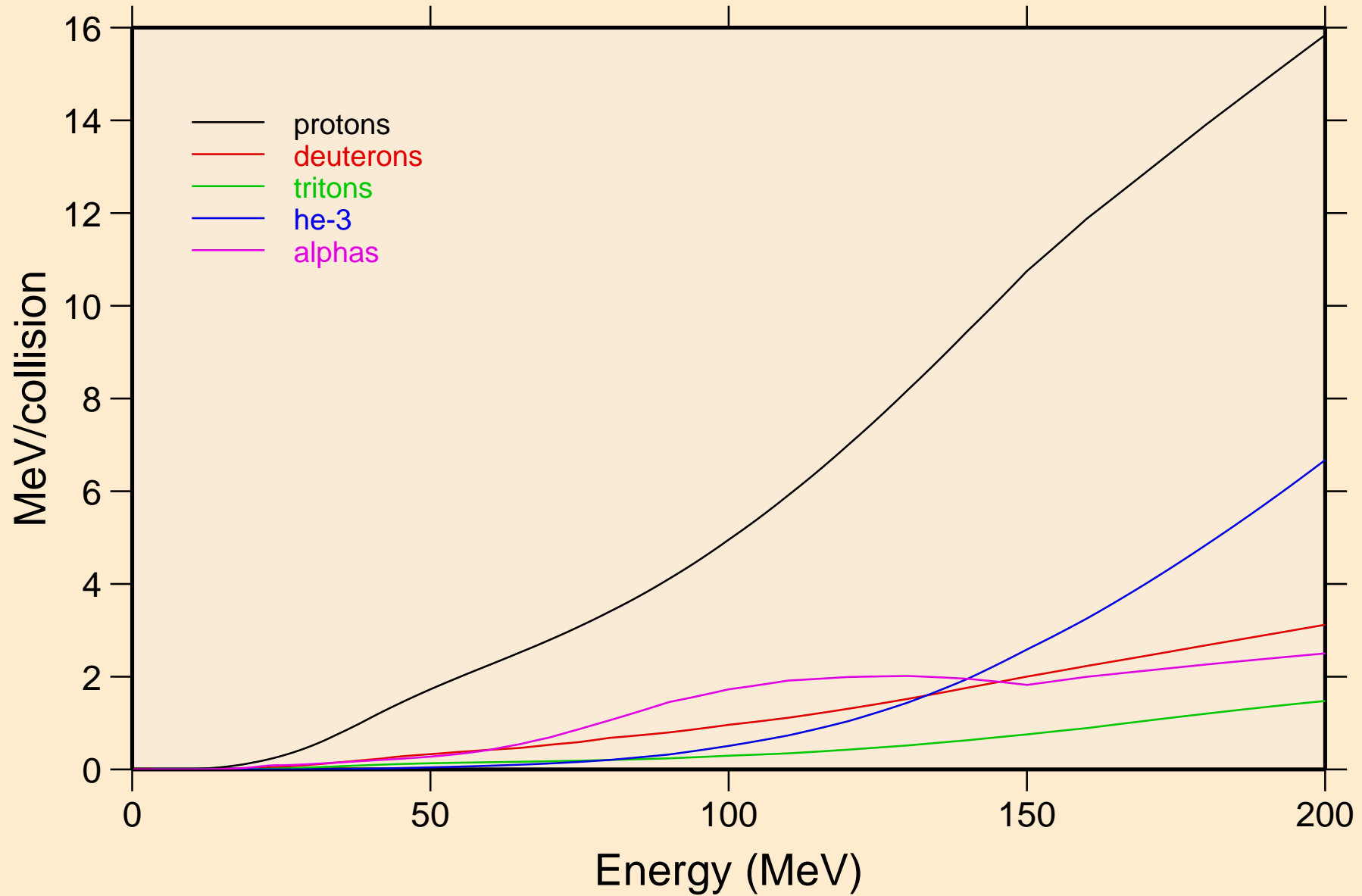


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

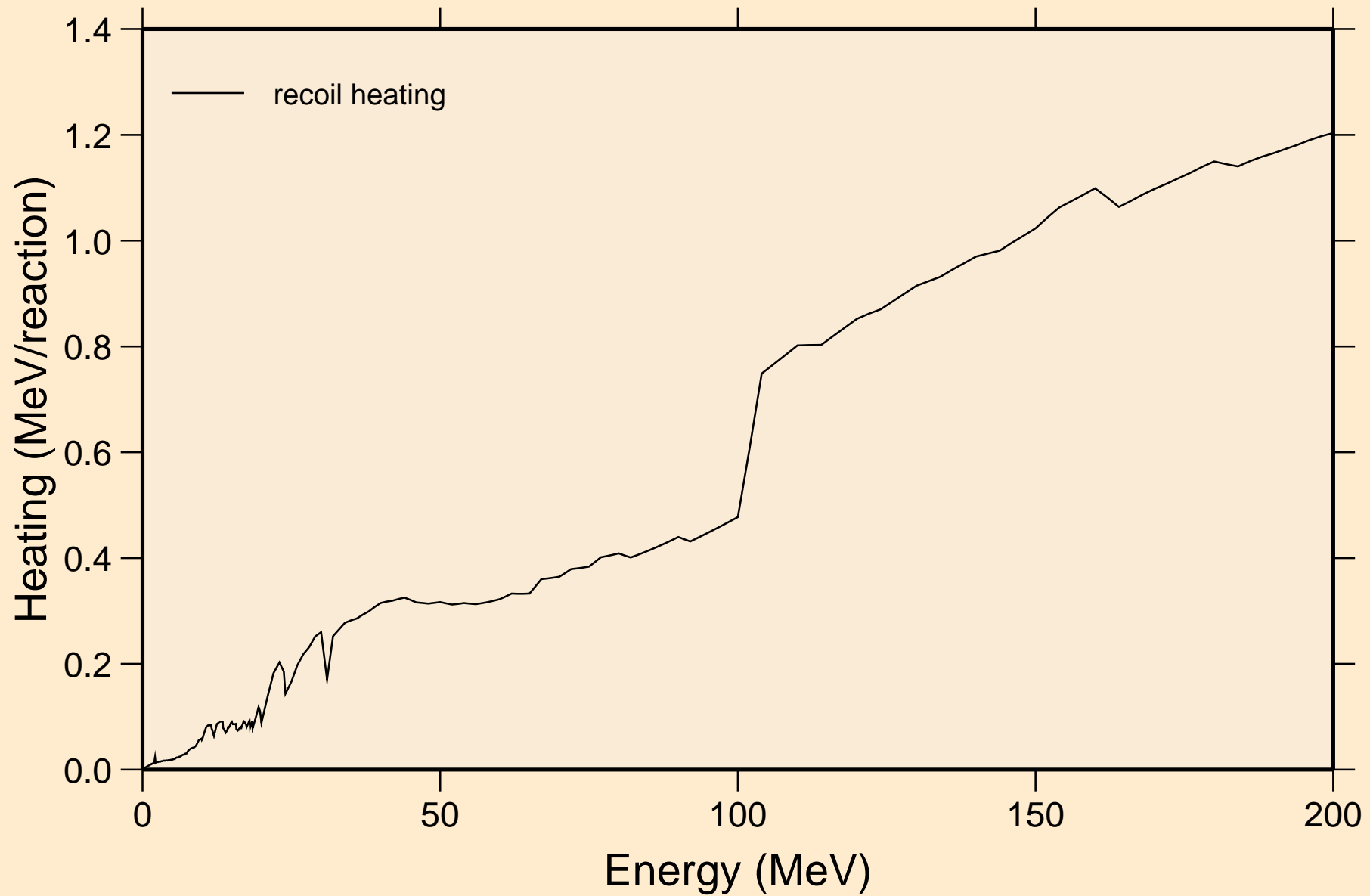


# BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

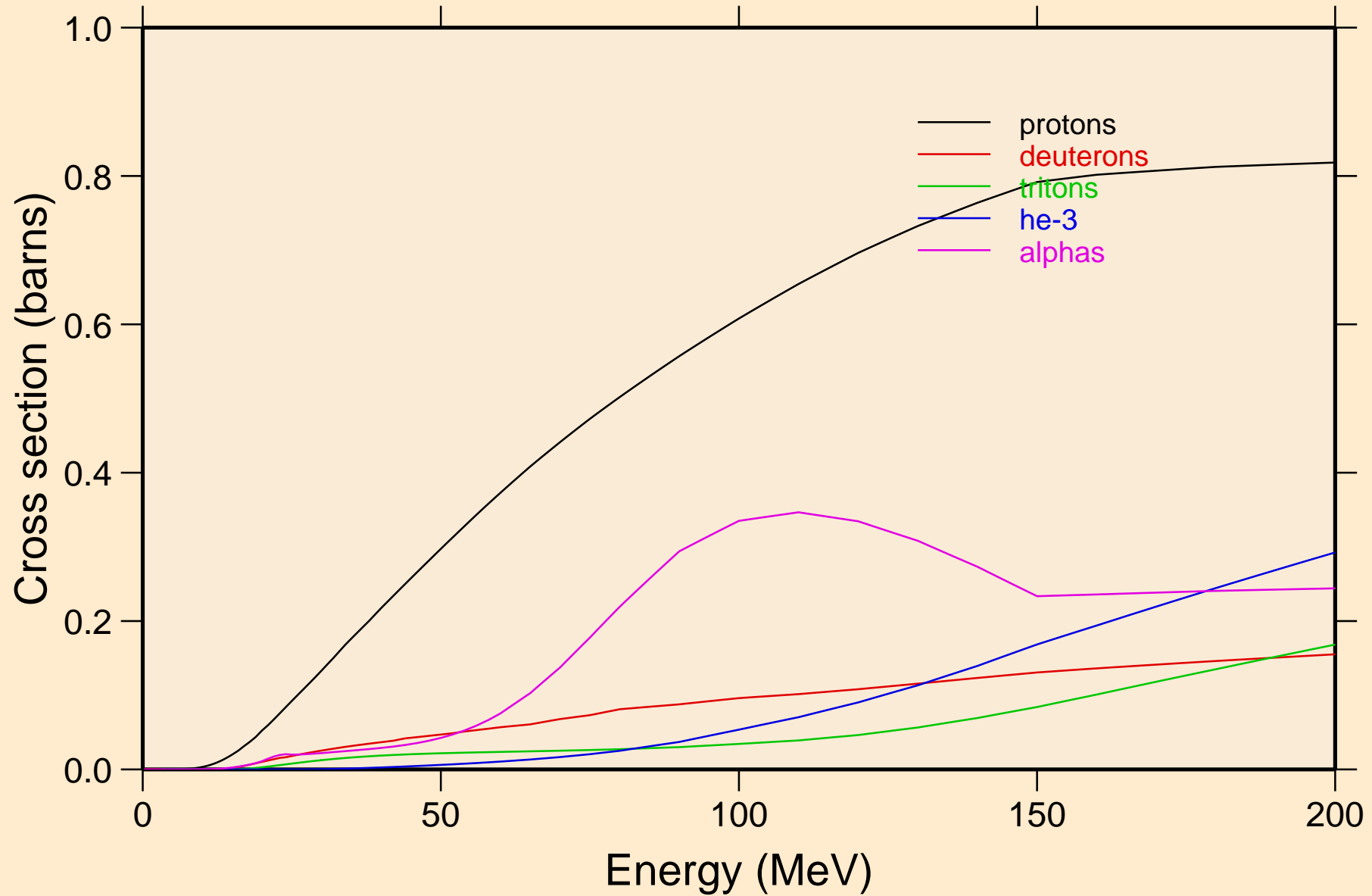
## Particle heating contributions



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

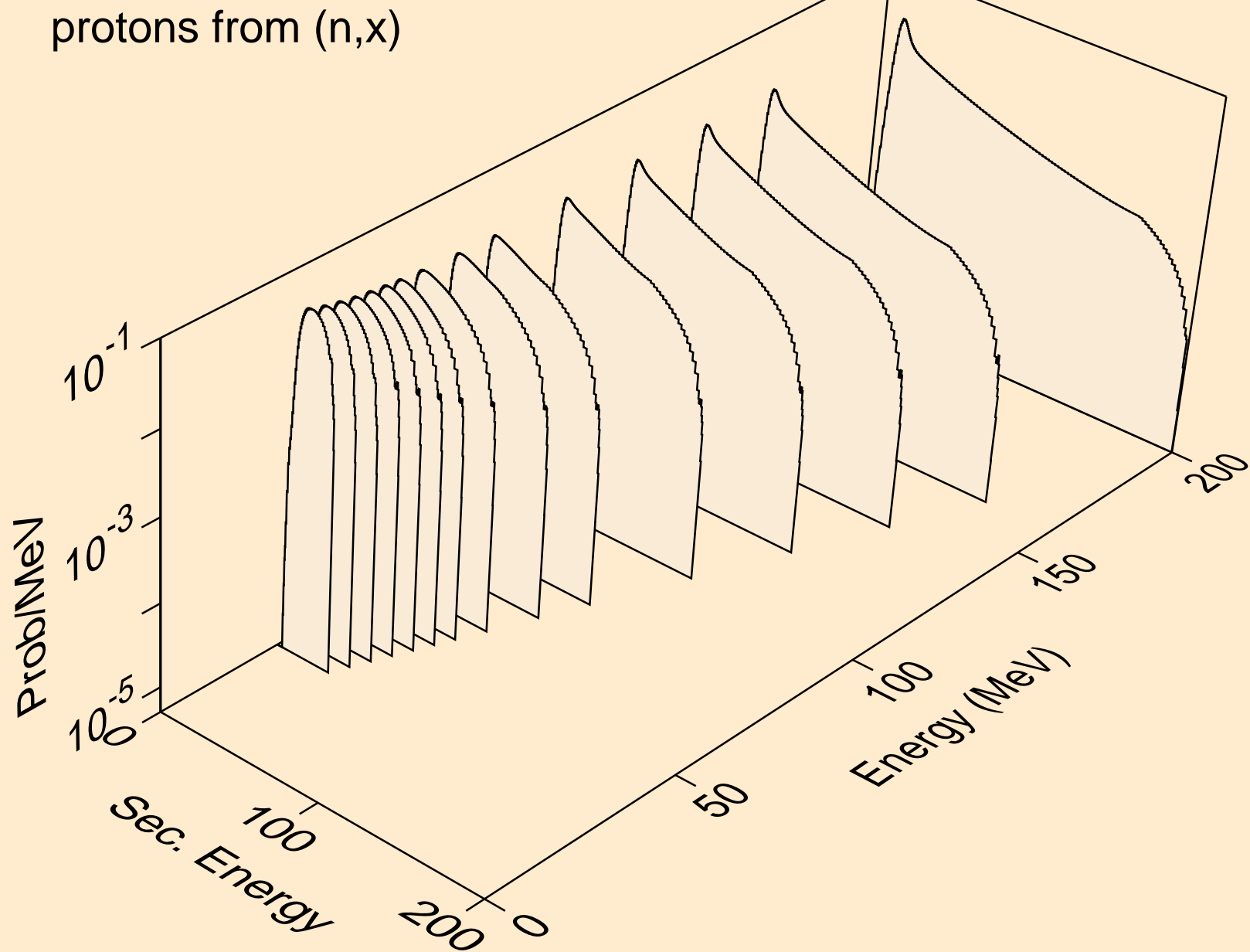


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

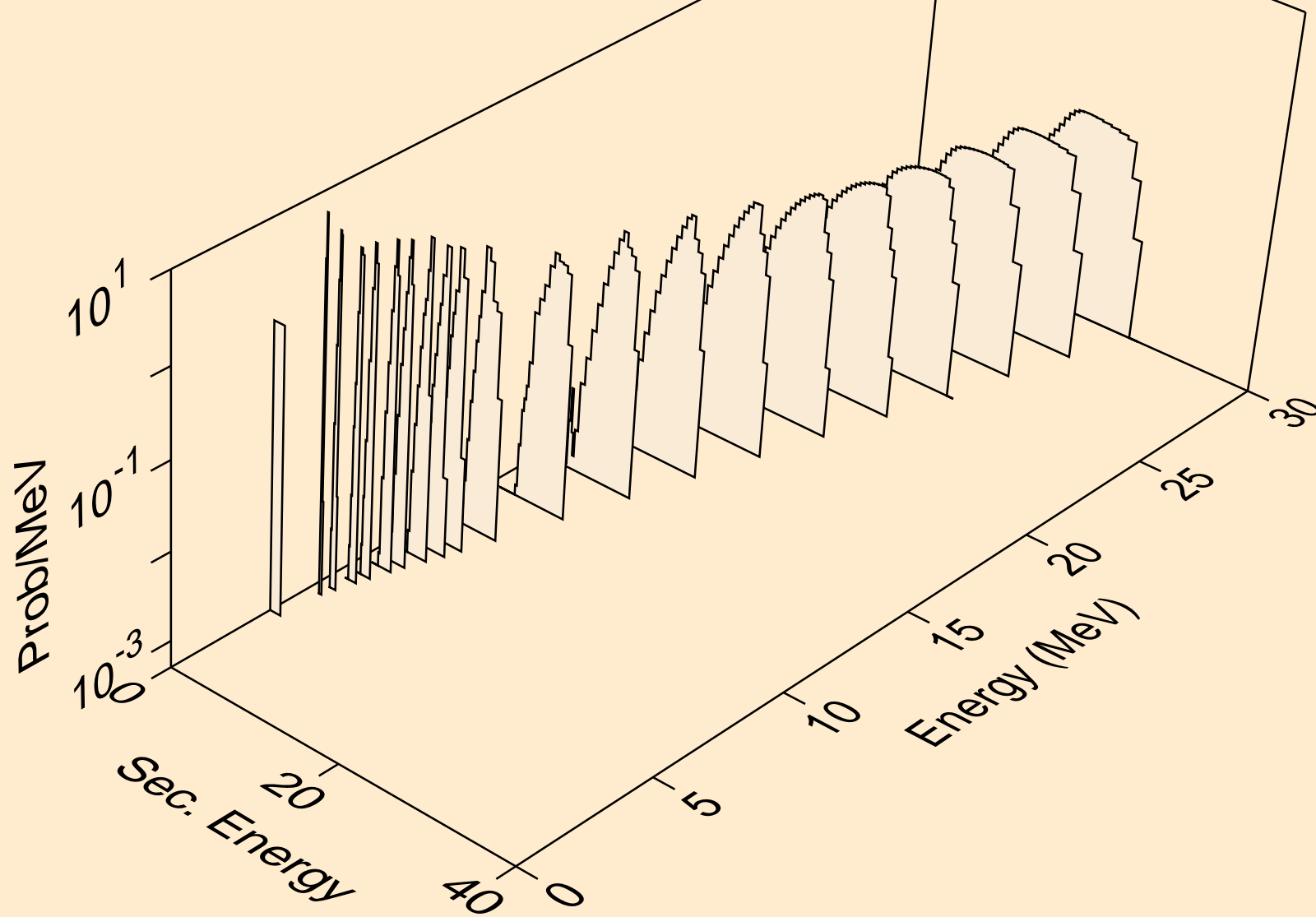




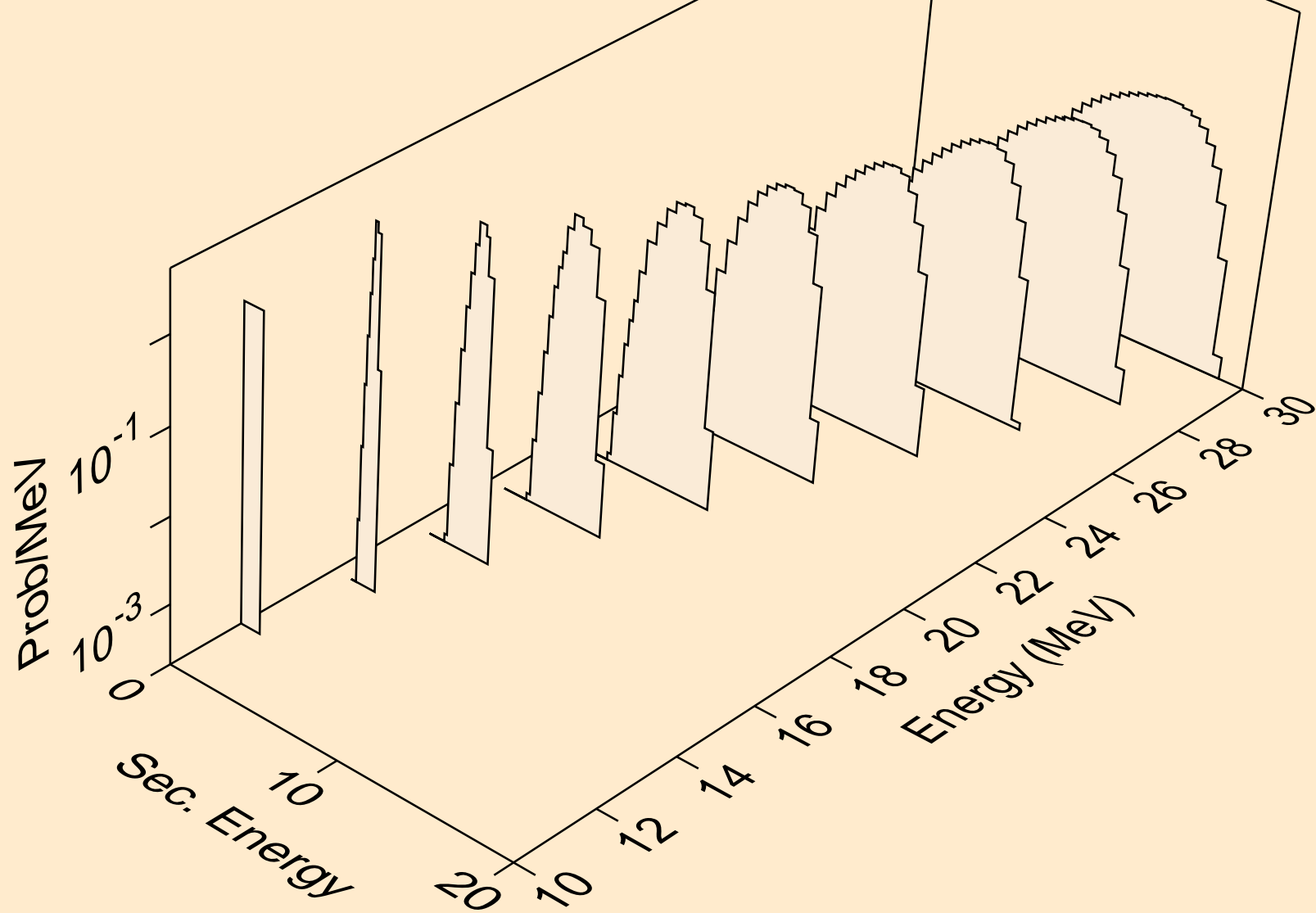
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



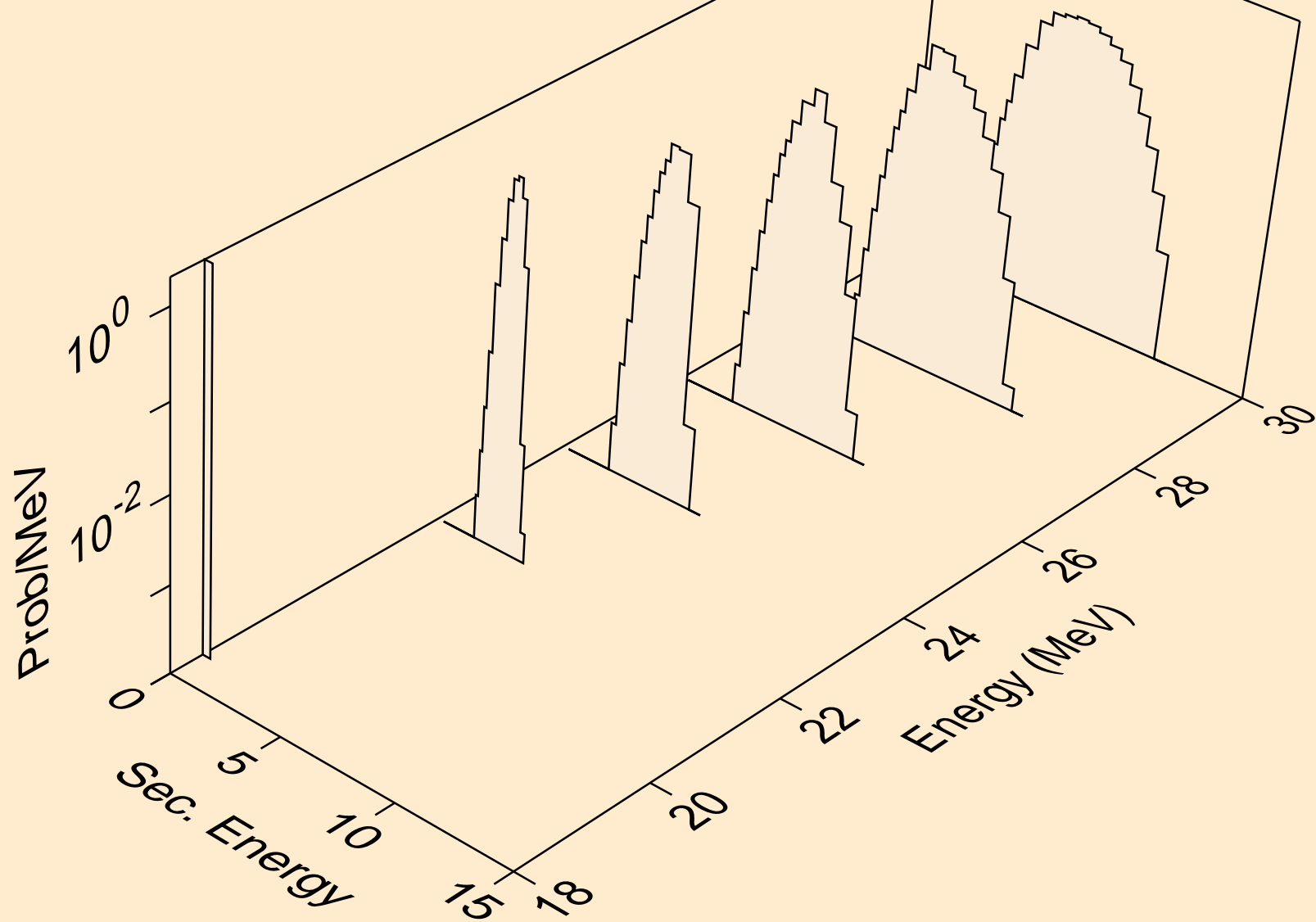
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protons from (n,n\*)p



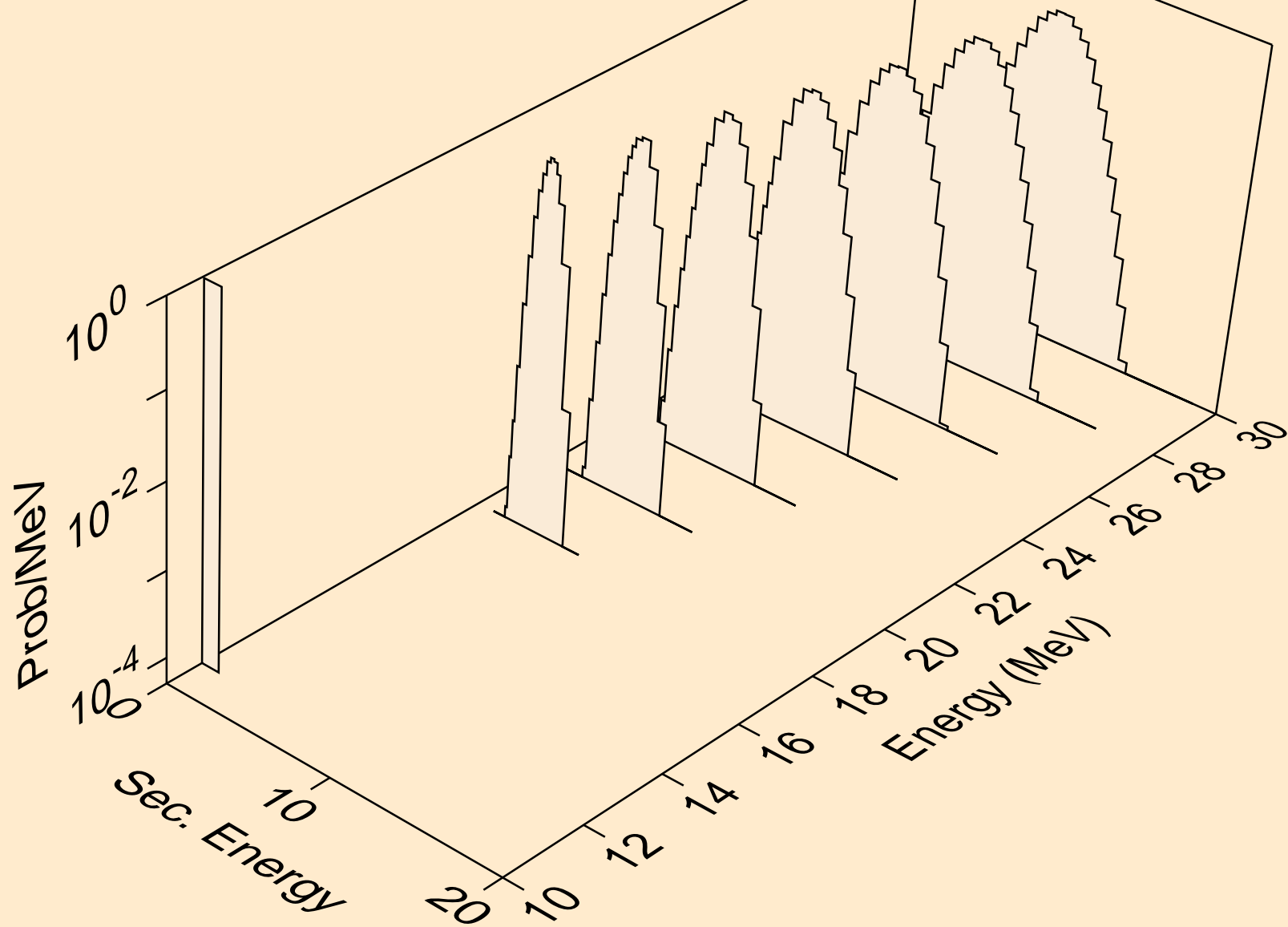
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protons from (n,2np)



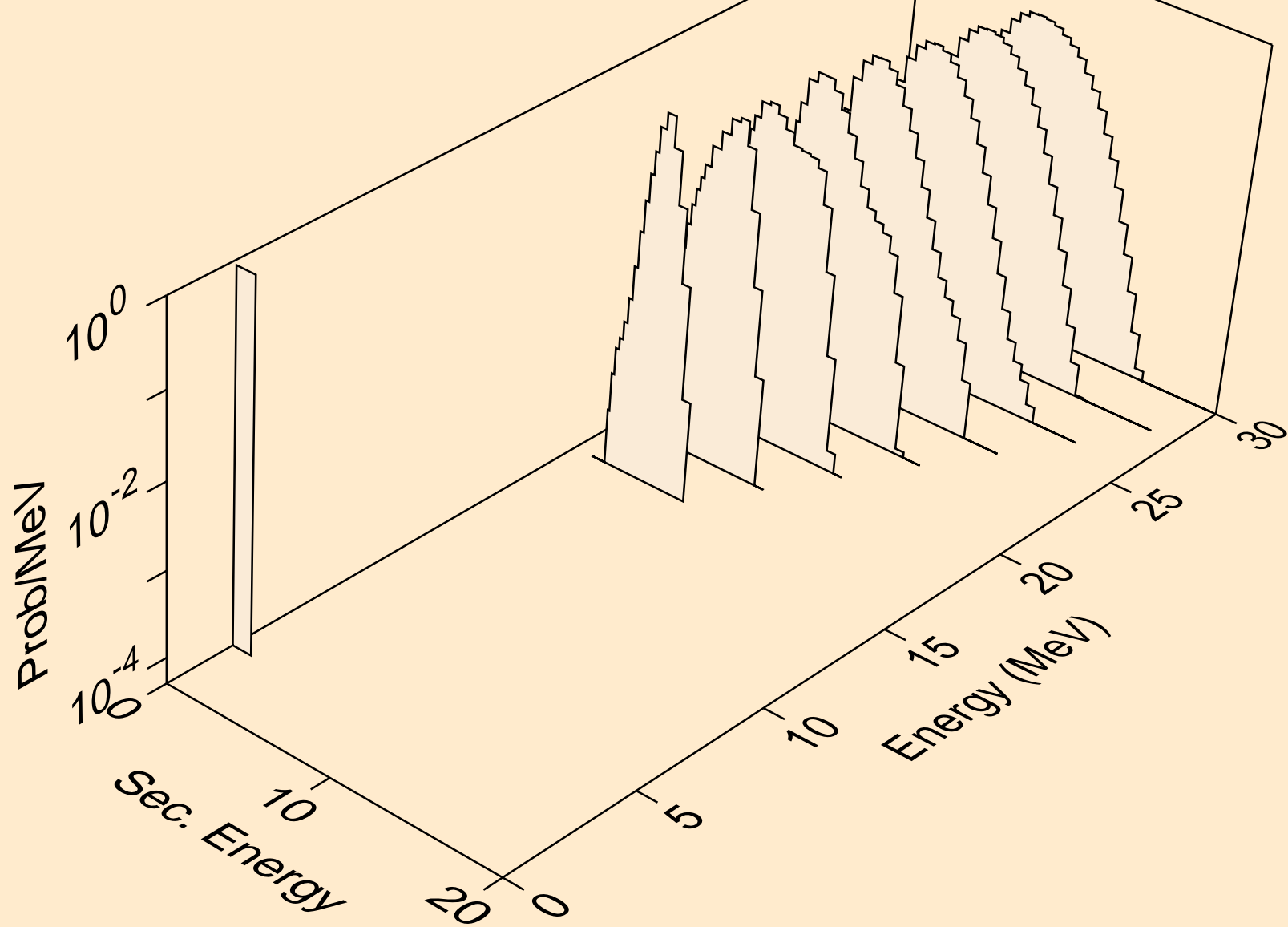
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protons from (n,3np)



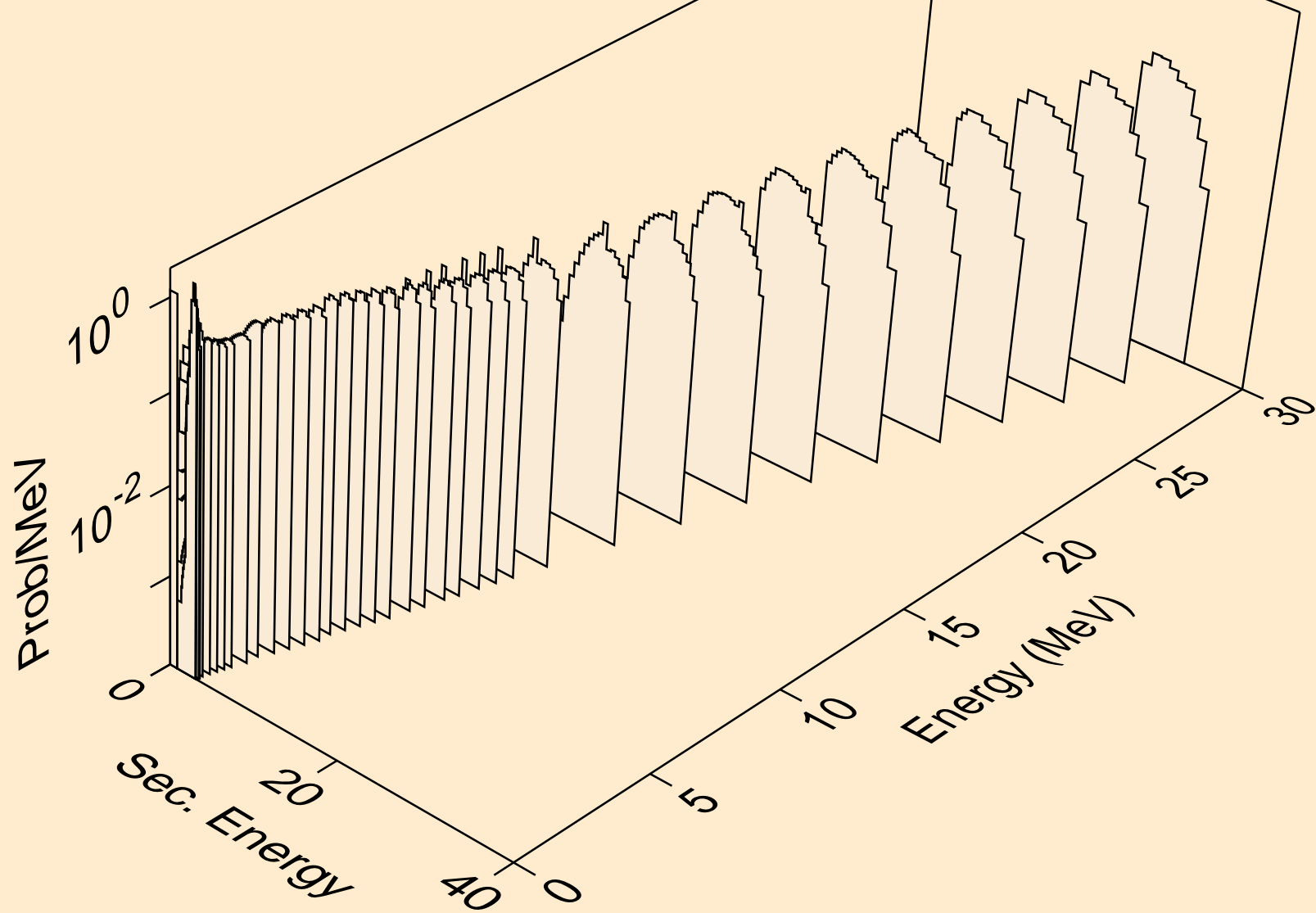
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protons from (n,n2p)



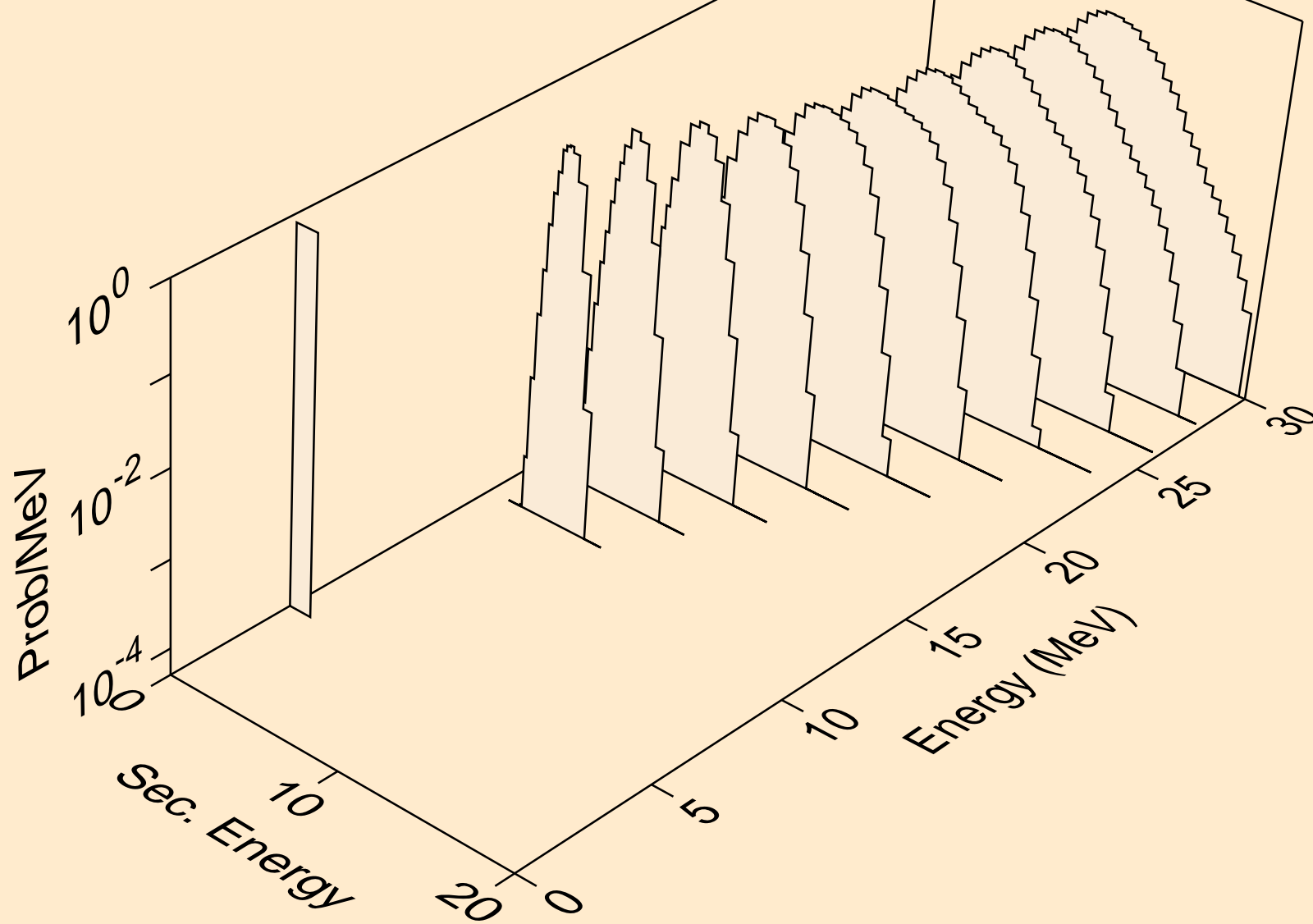
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

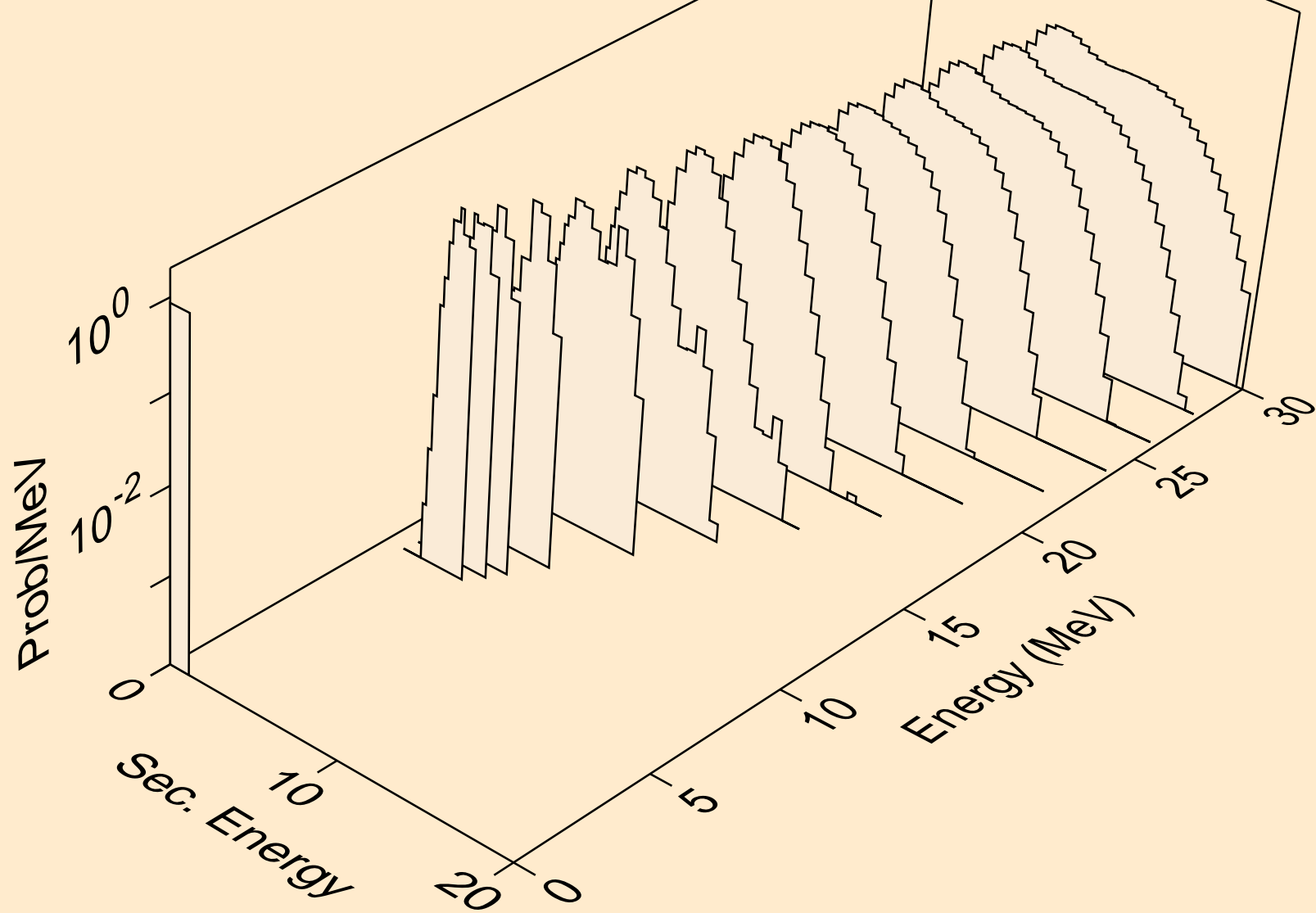


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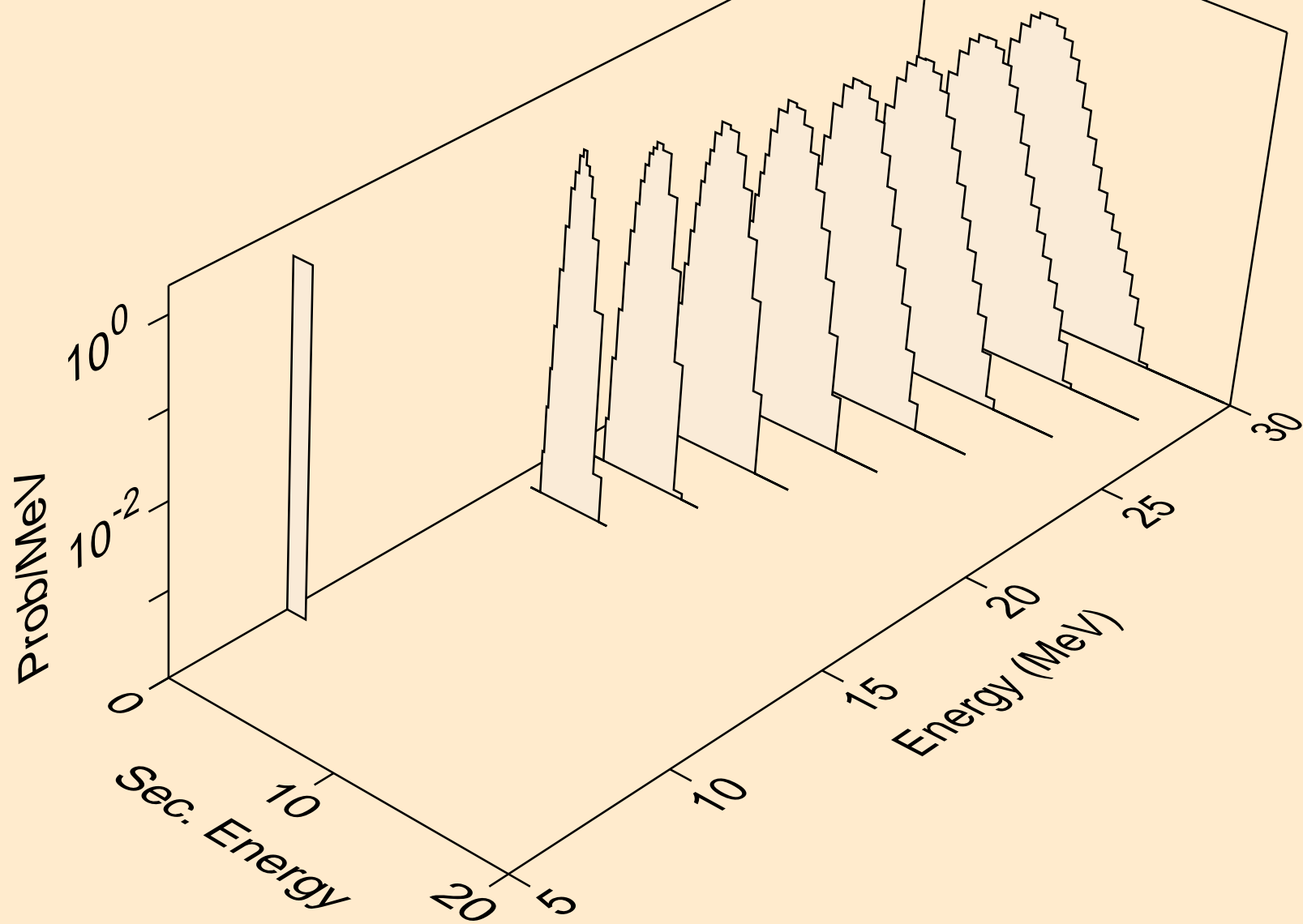




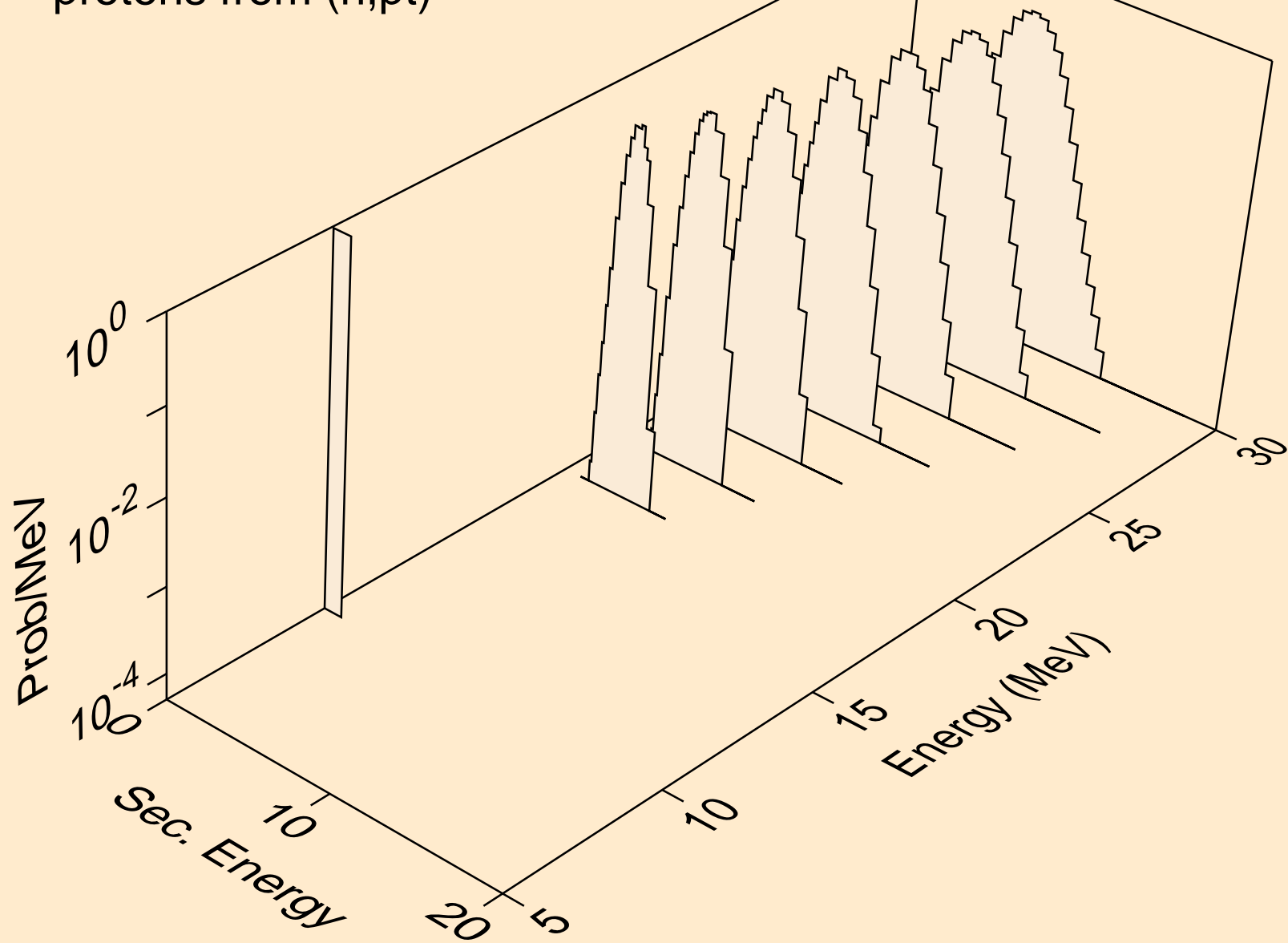
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protons from (n,p)



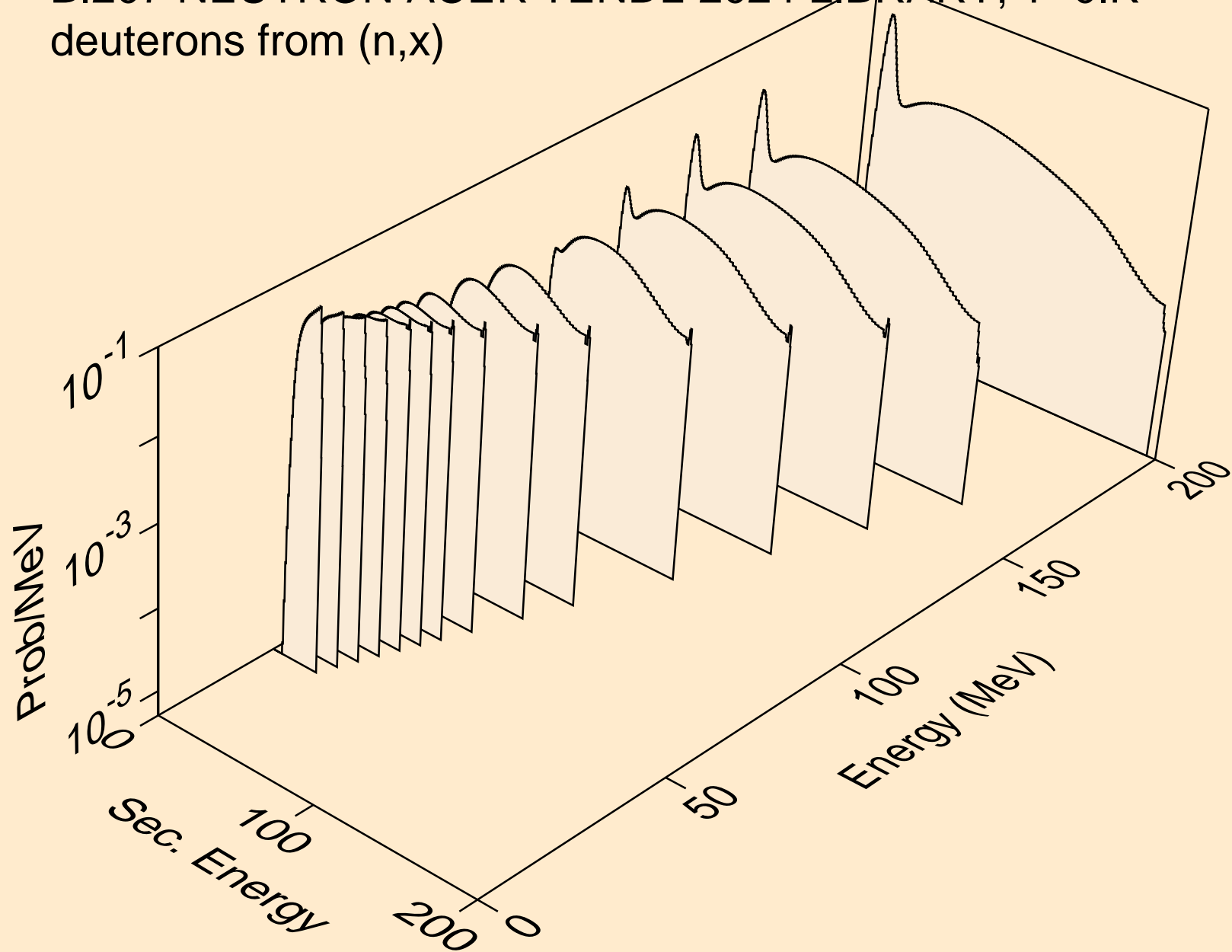
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protons from (n,pd)



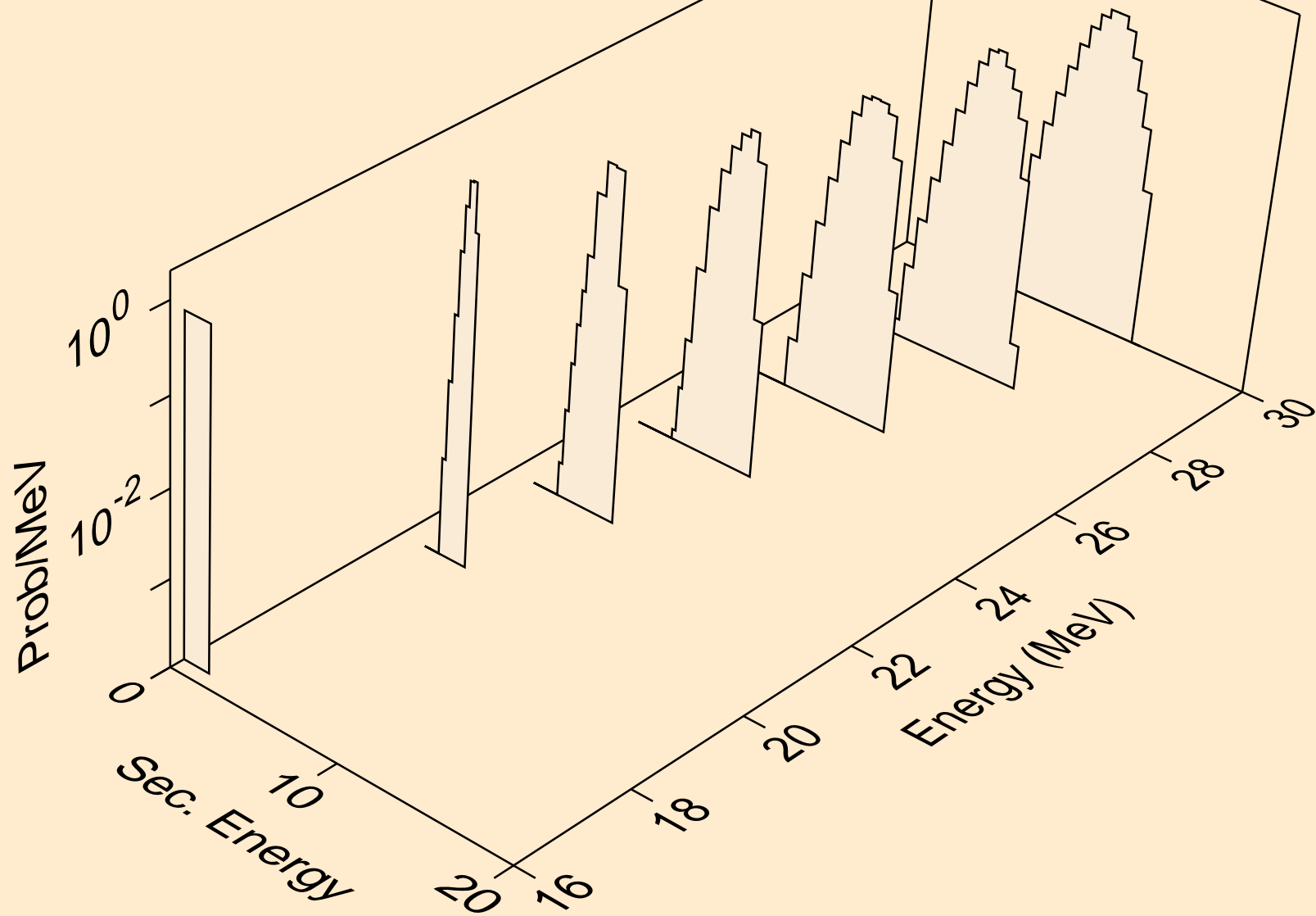
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protons from (n,pt)



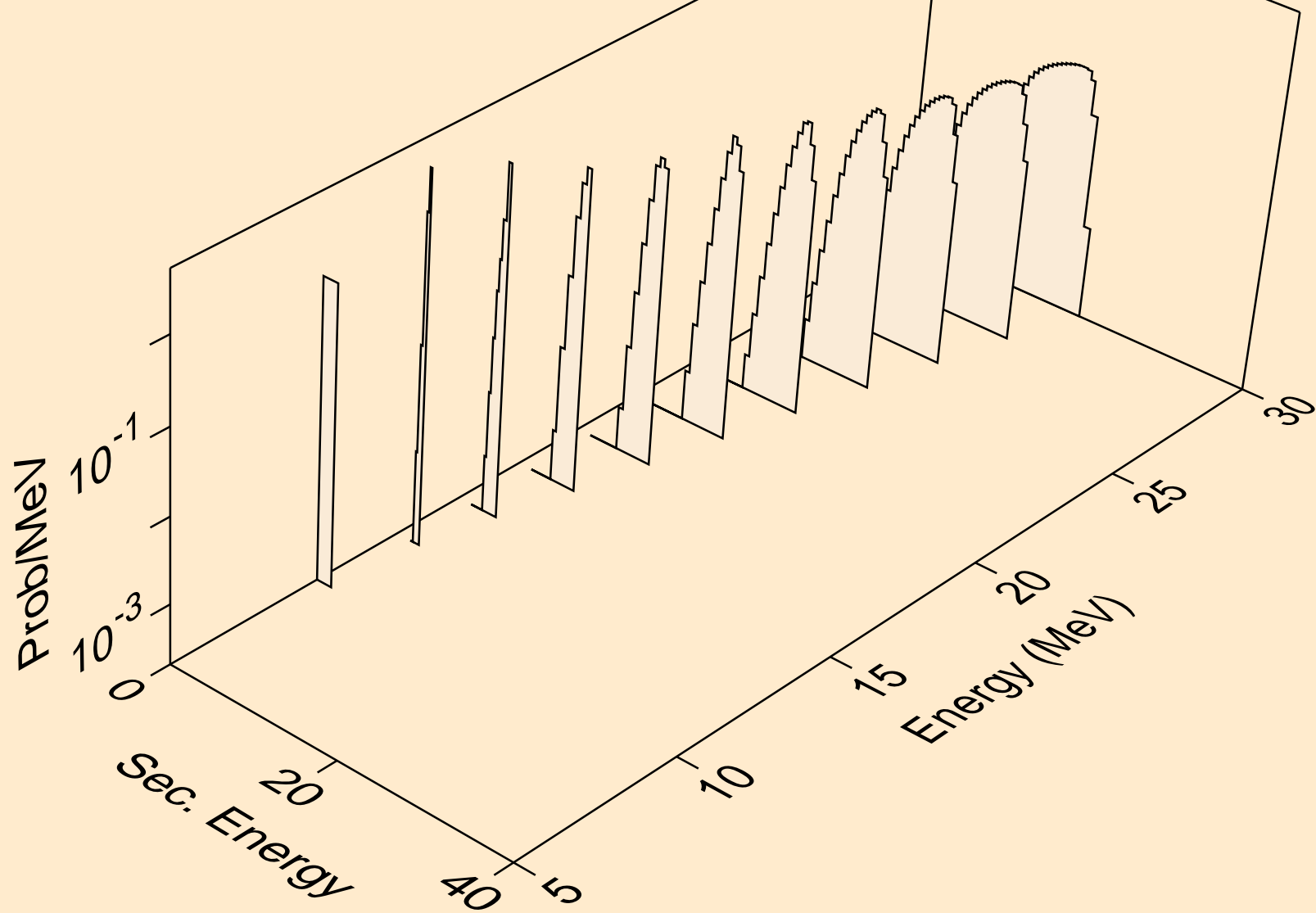
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deuterons from (n,x)



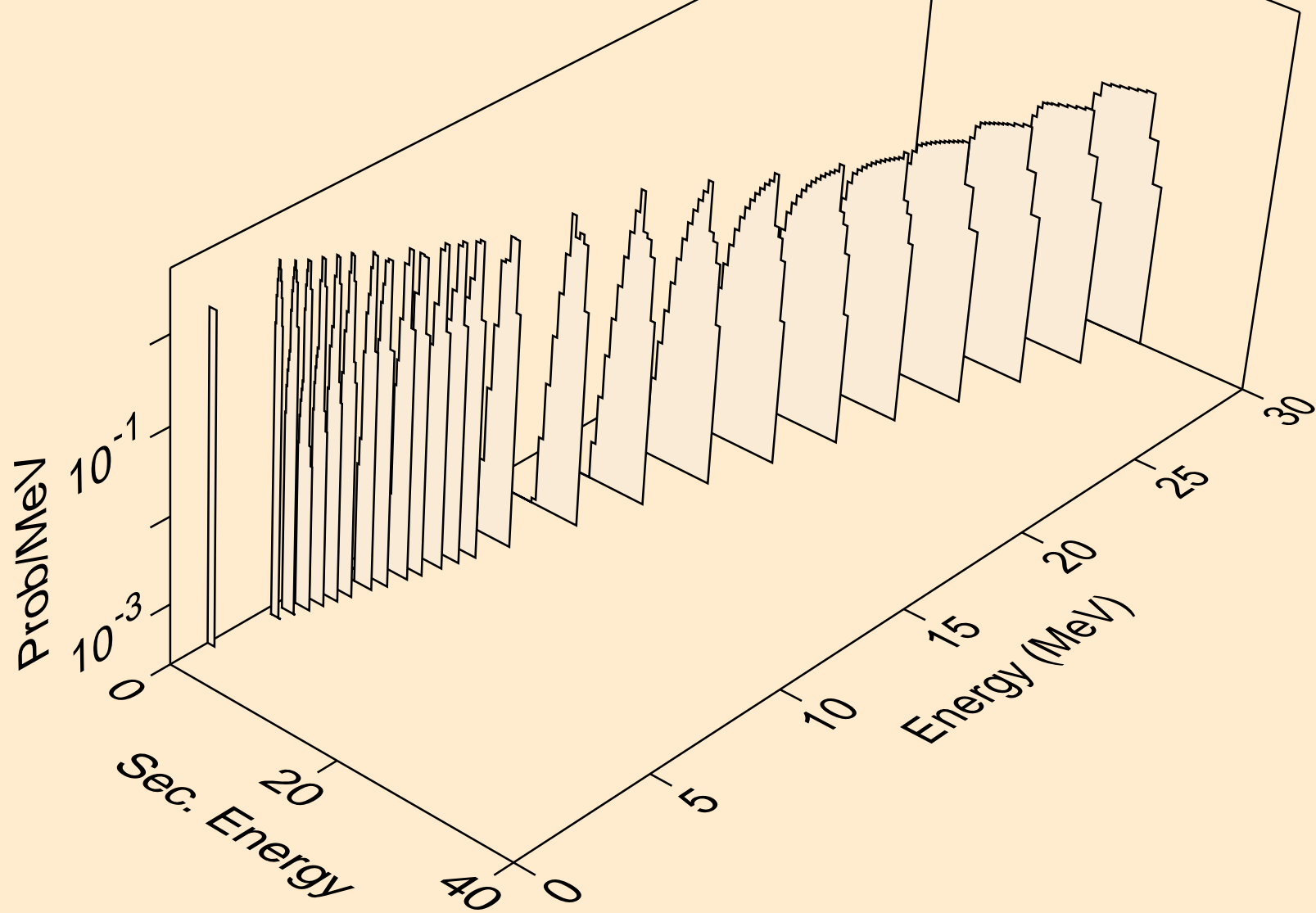
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deuterons from (n,2nd)



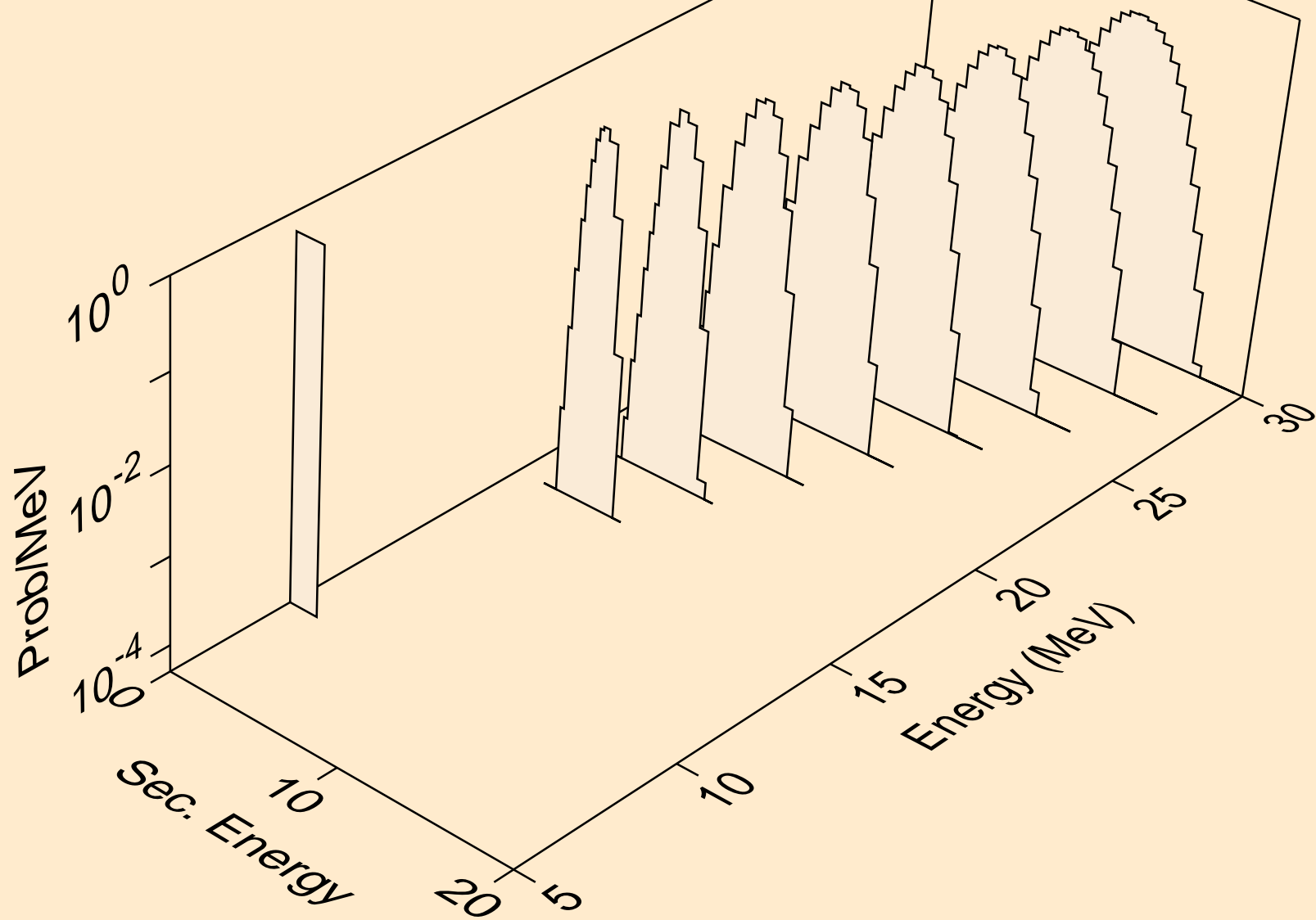
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

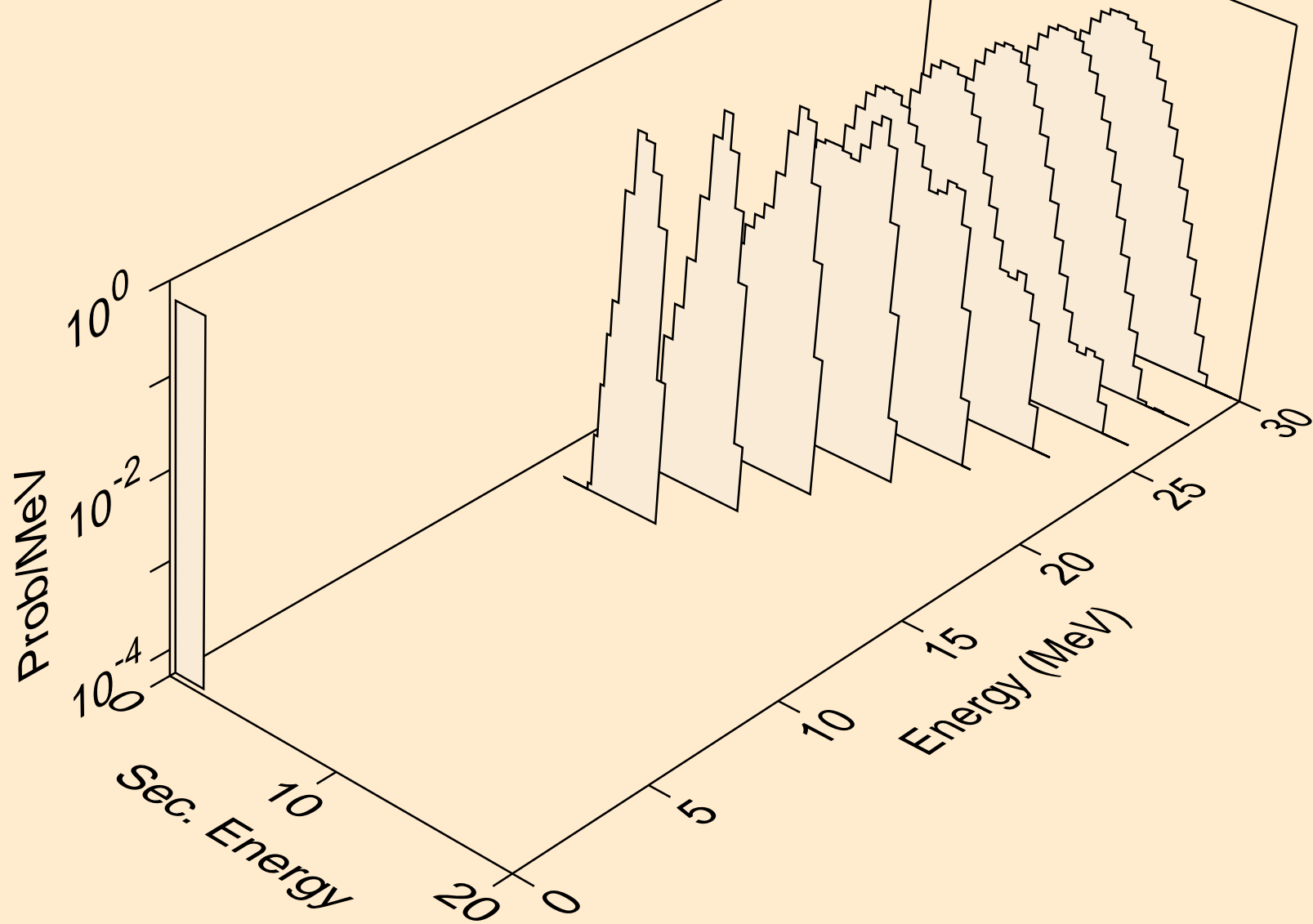


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deuterons from (n,pd)

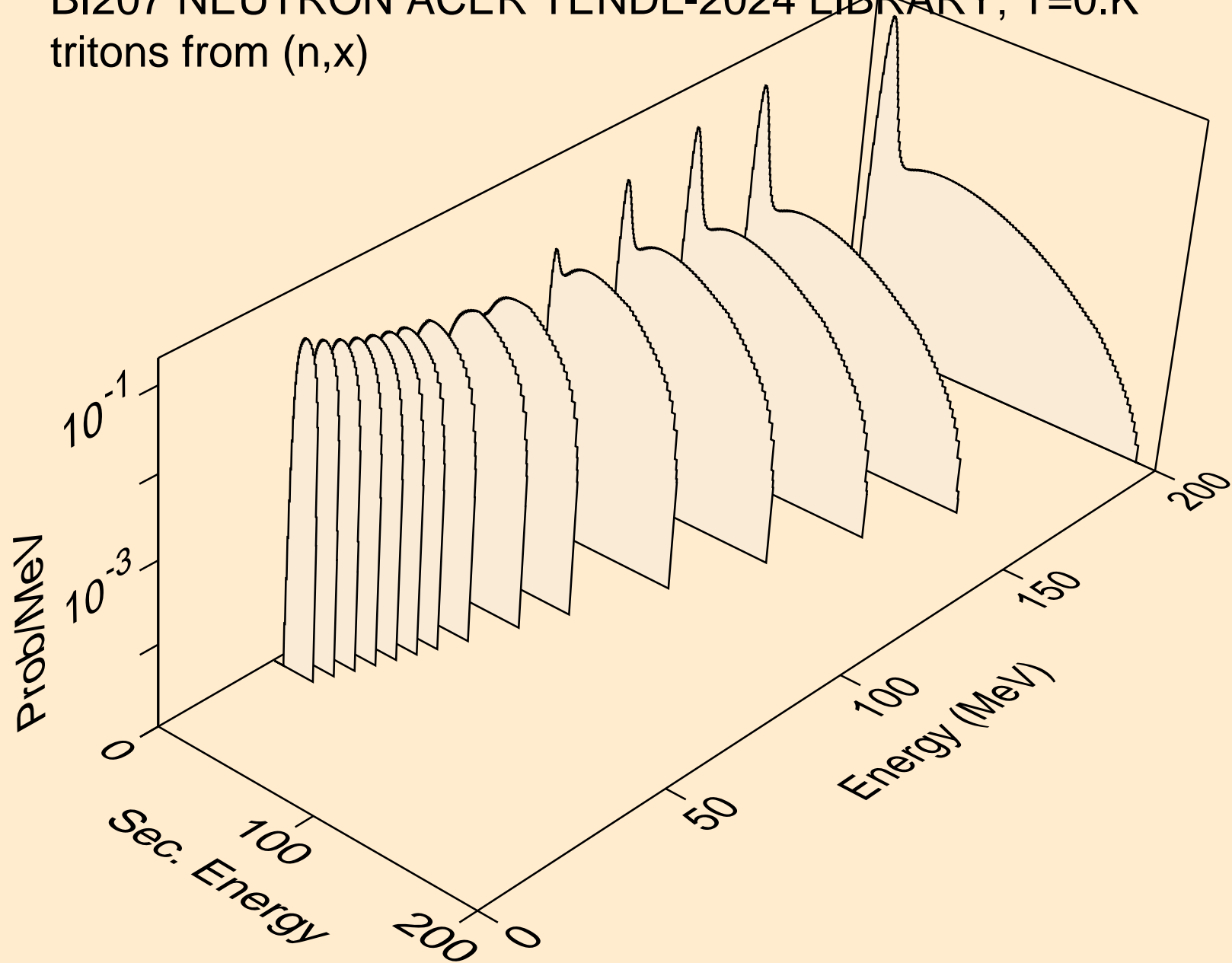




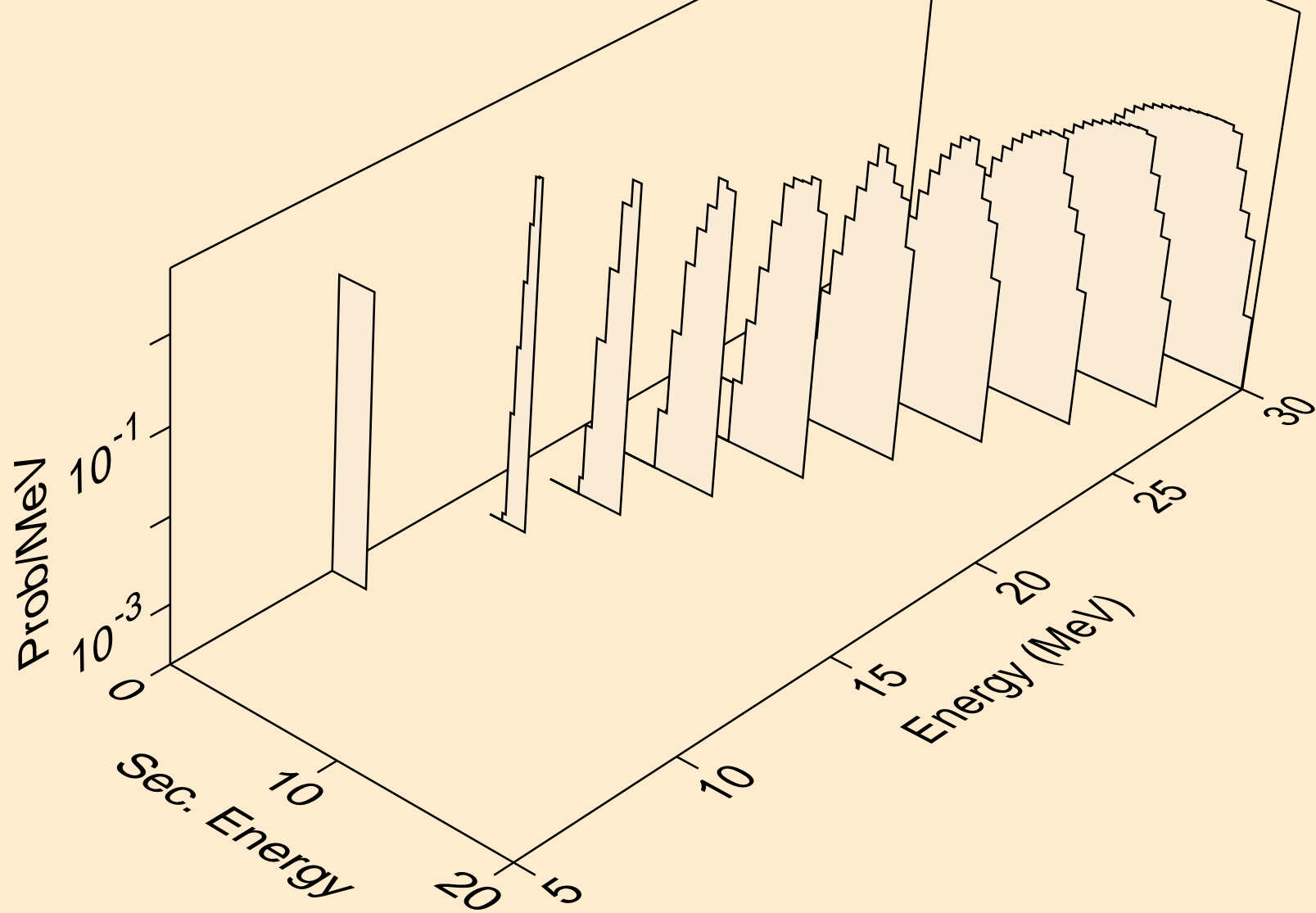
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deuterons from (n,da)



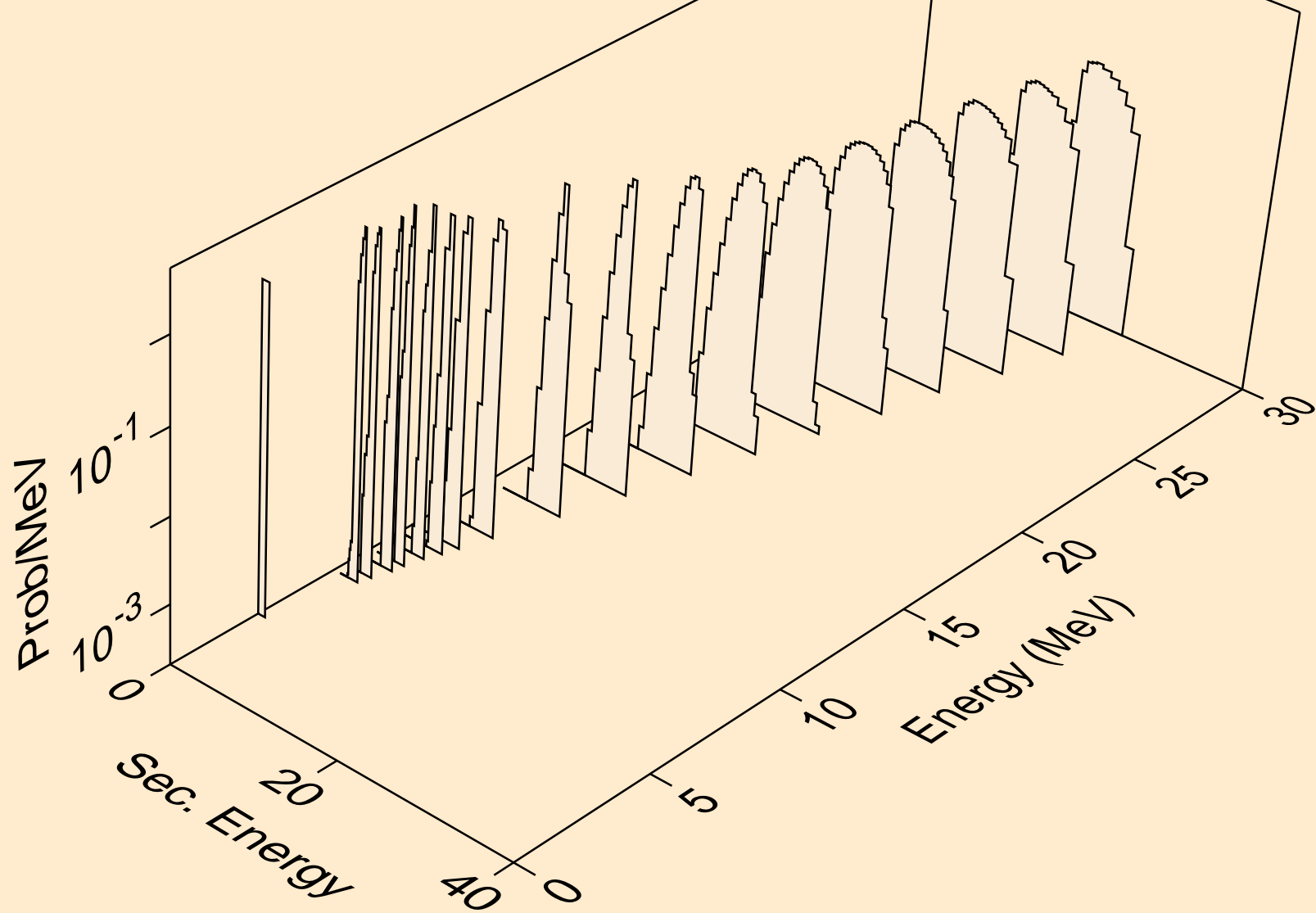
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tritons from (n,x)



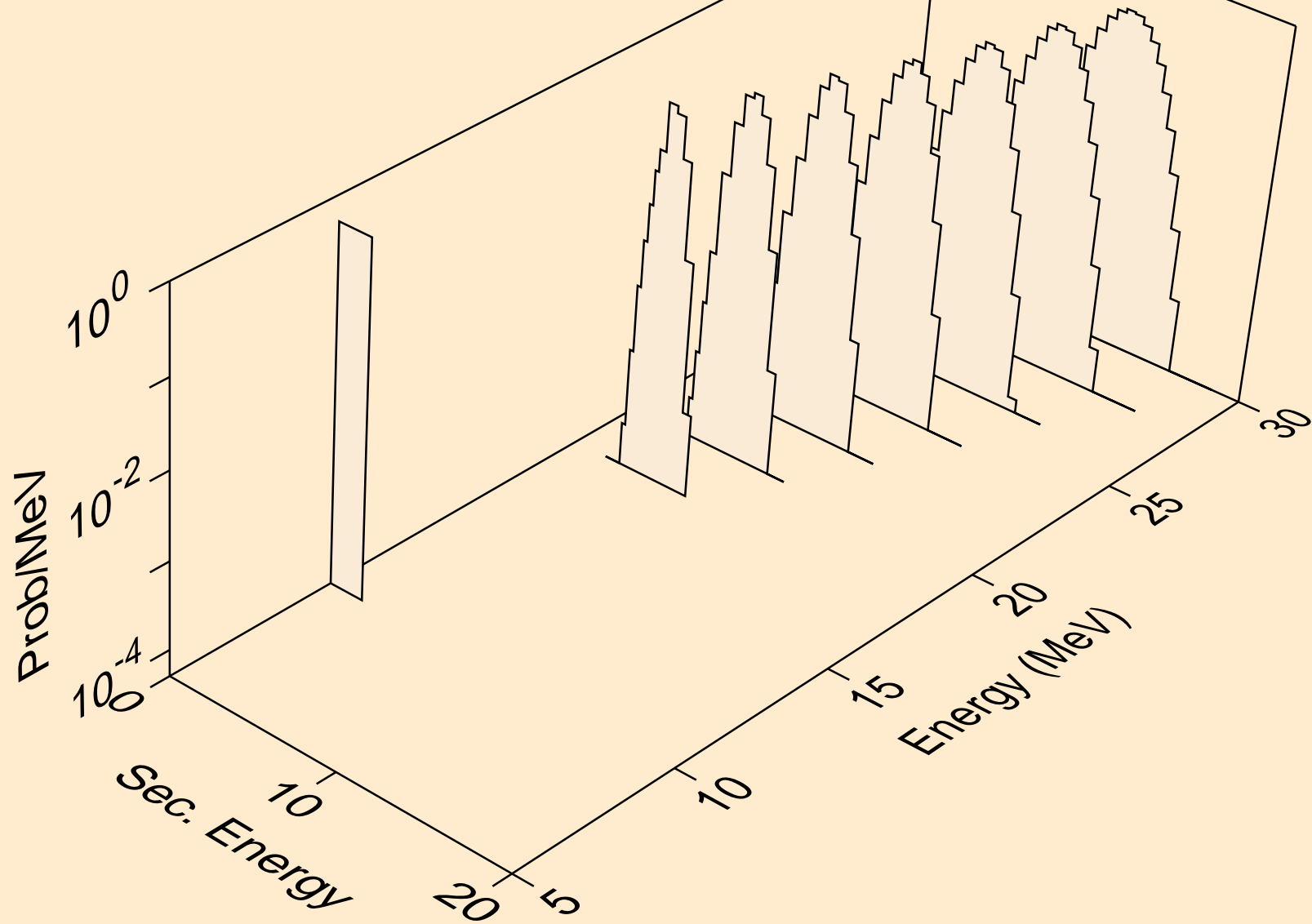
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tritons from (n,n\*)t



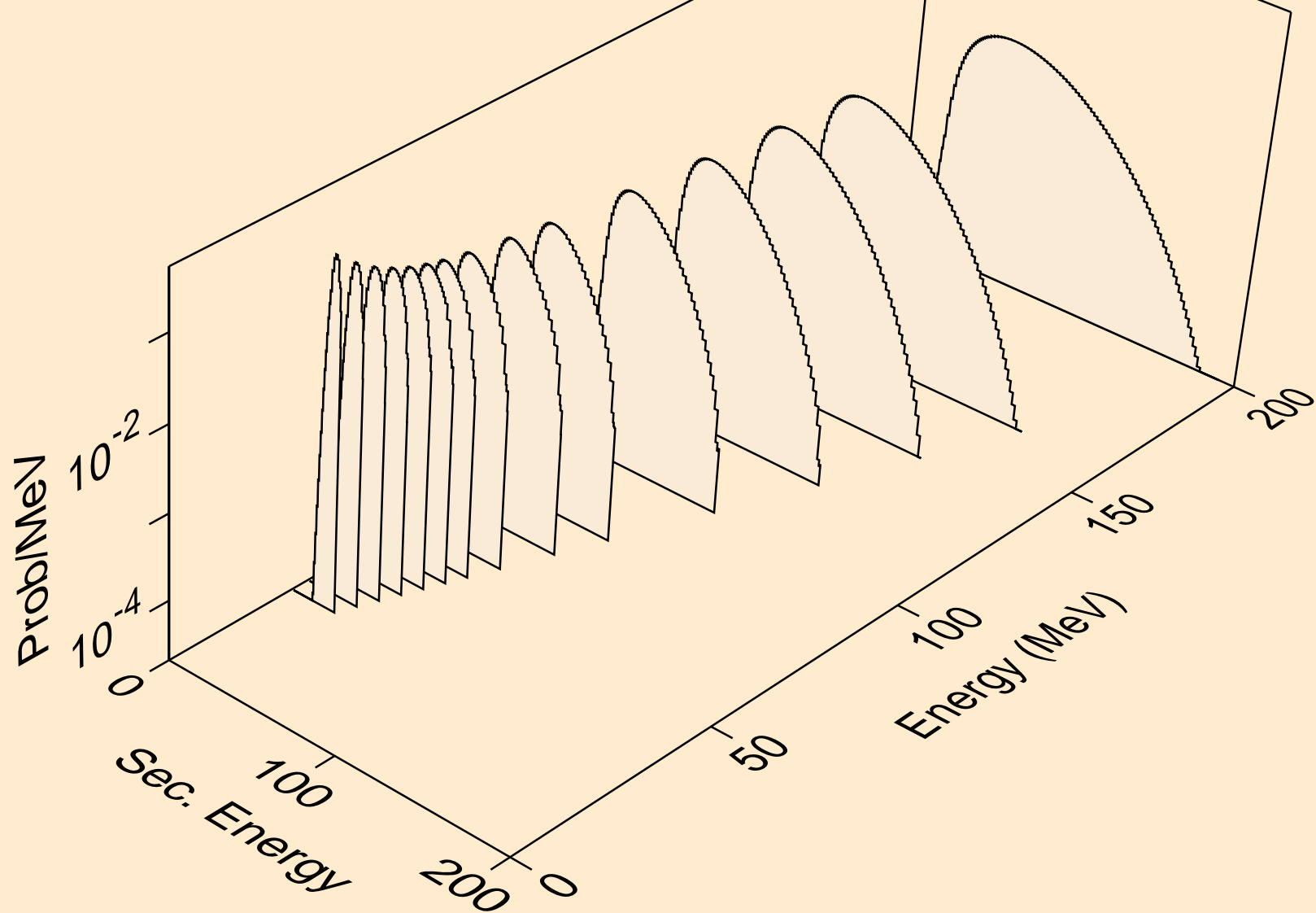
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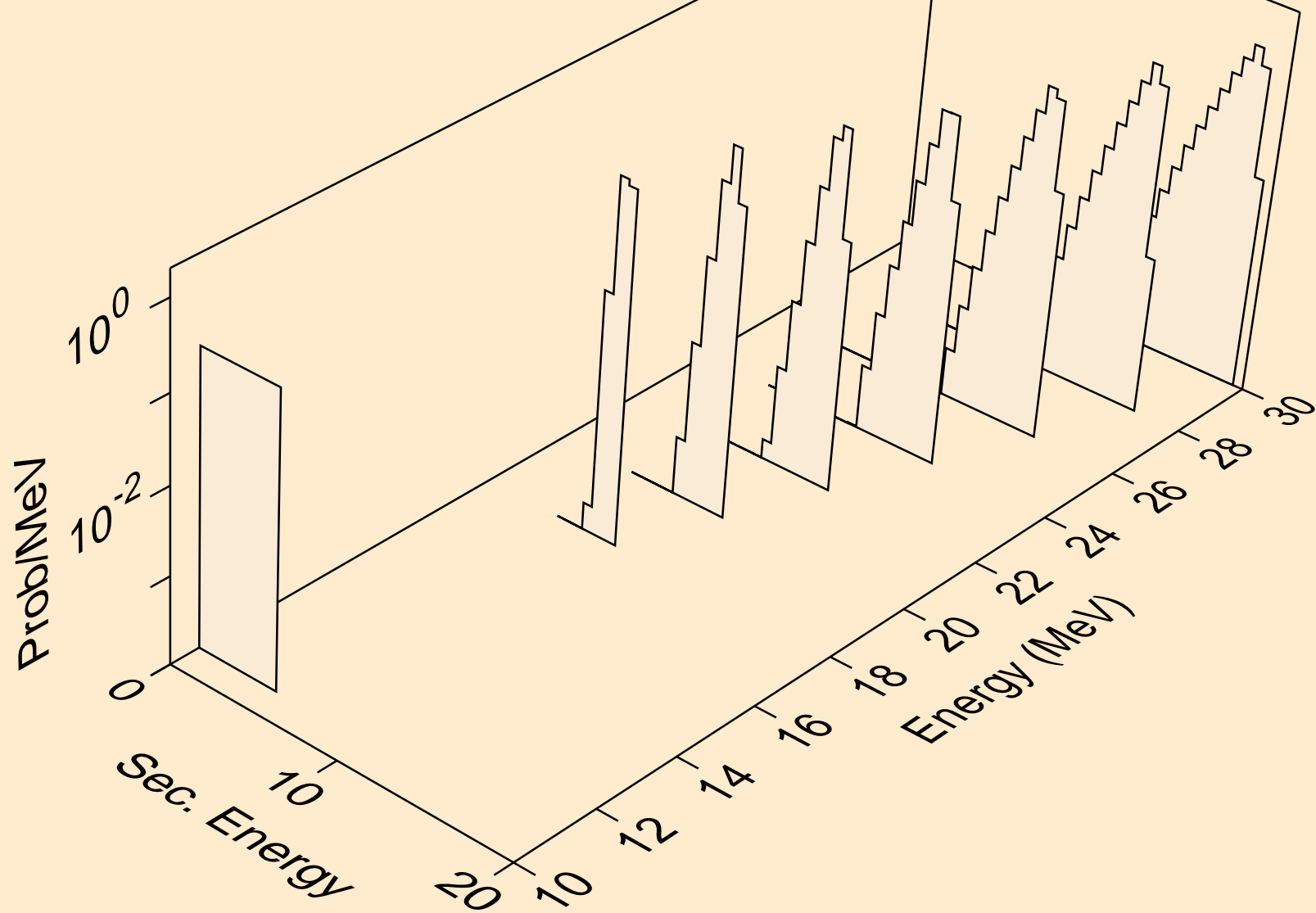
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tritons from (n,pt)



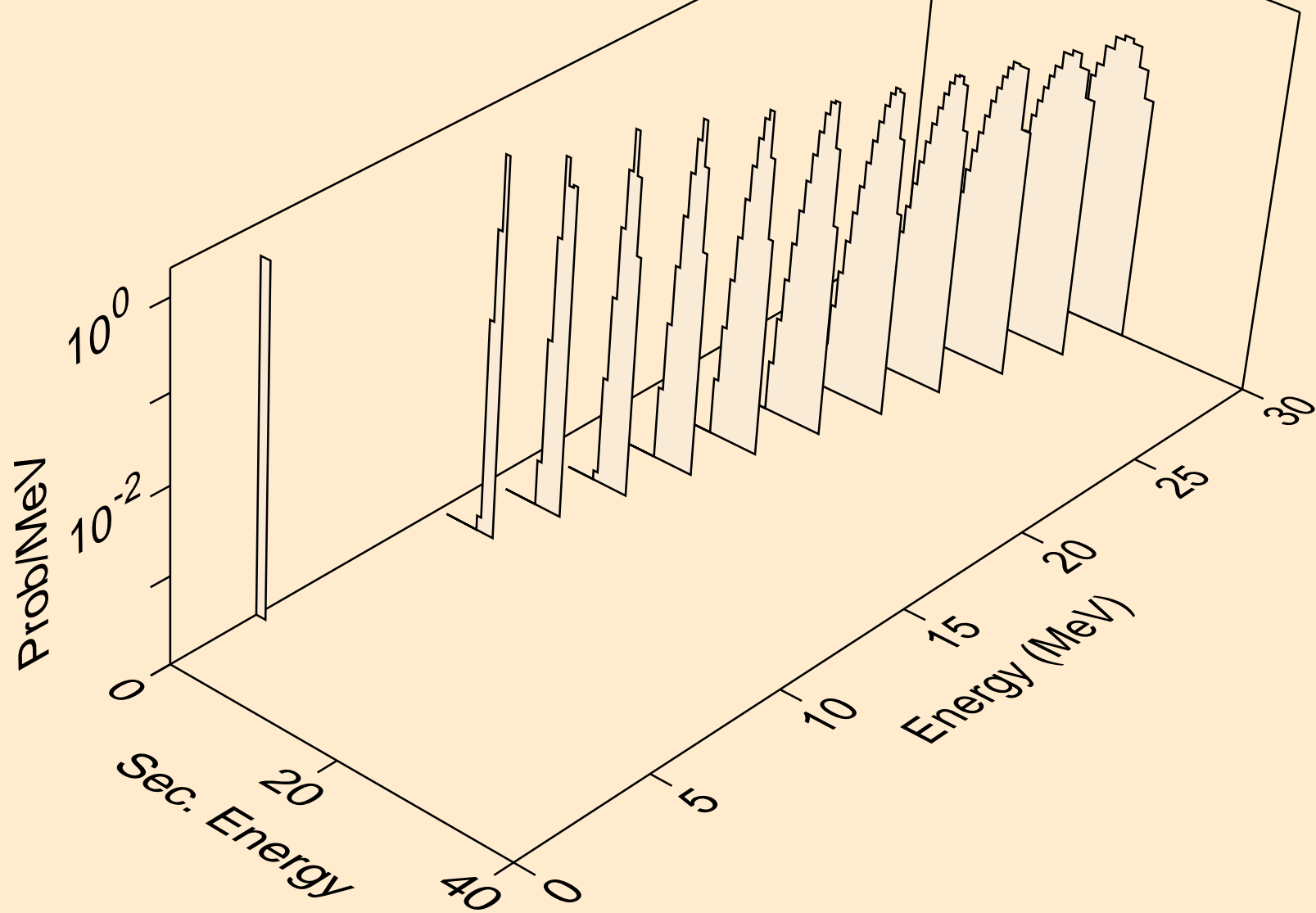
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

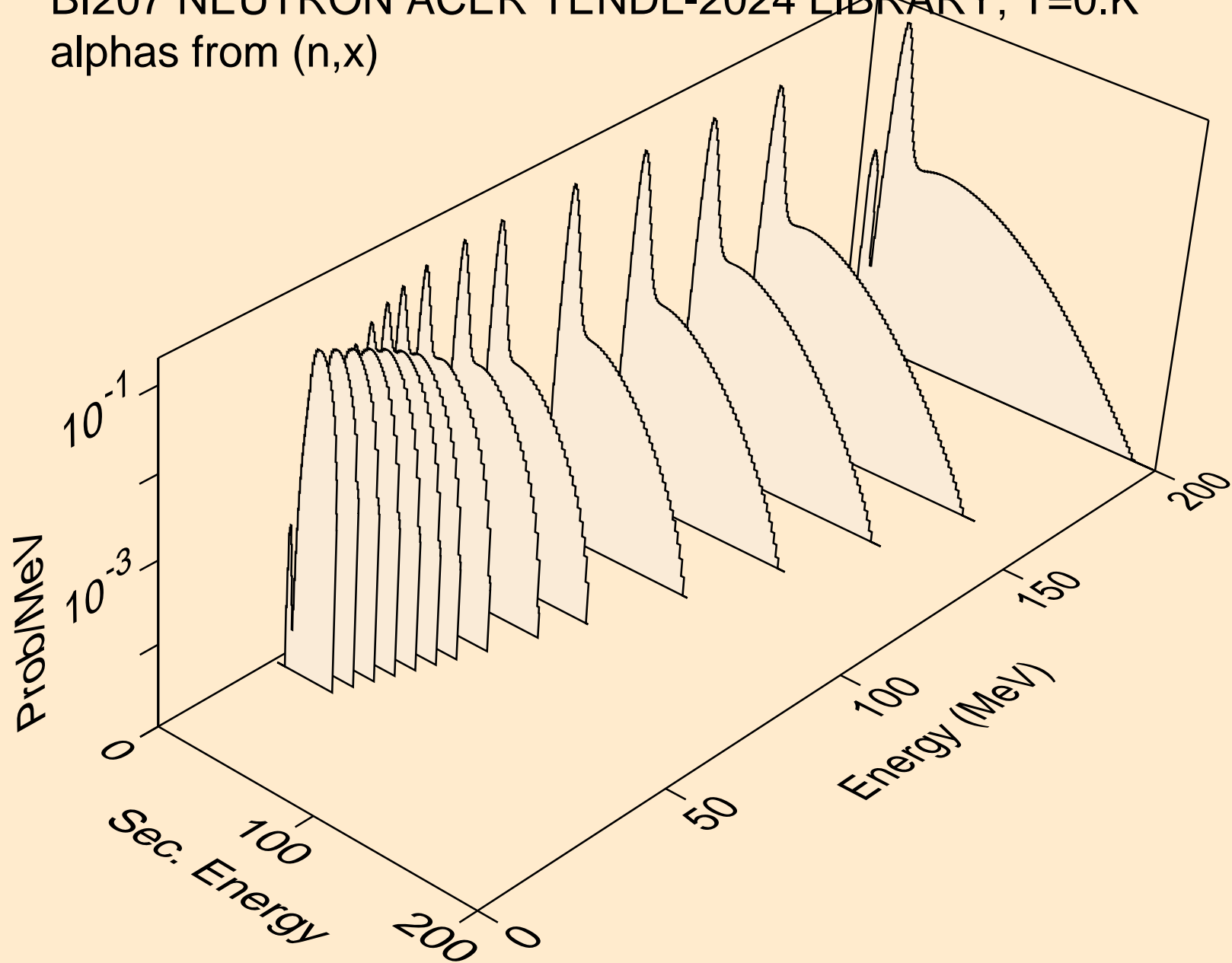


BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

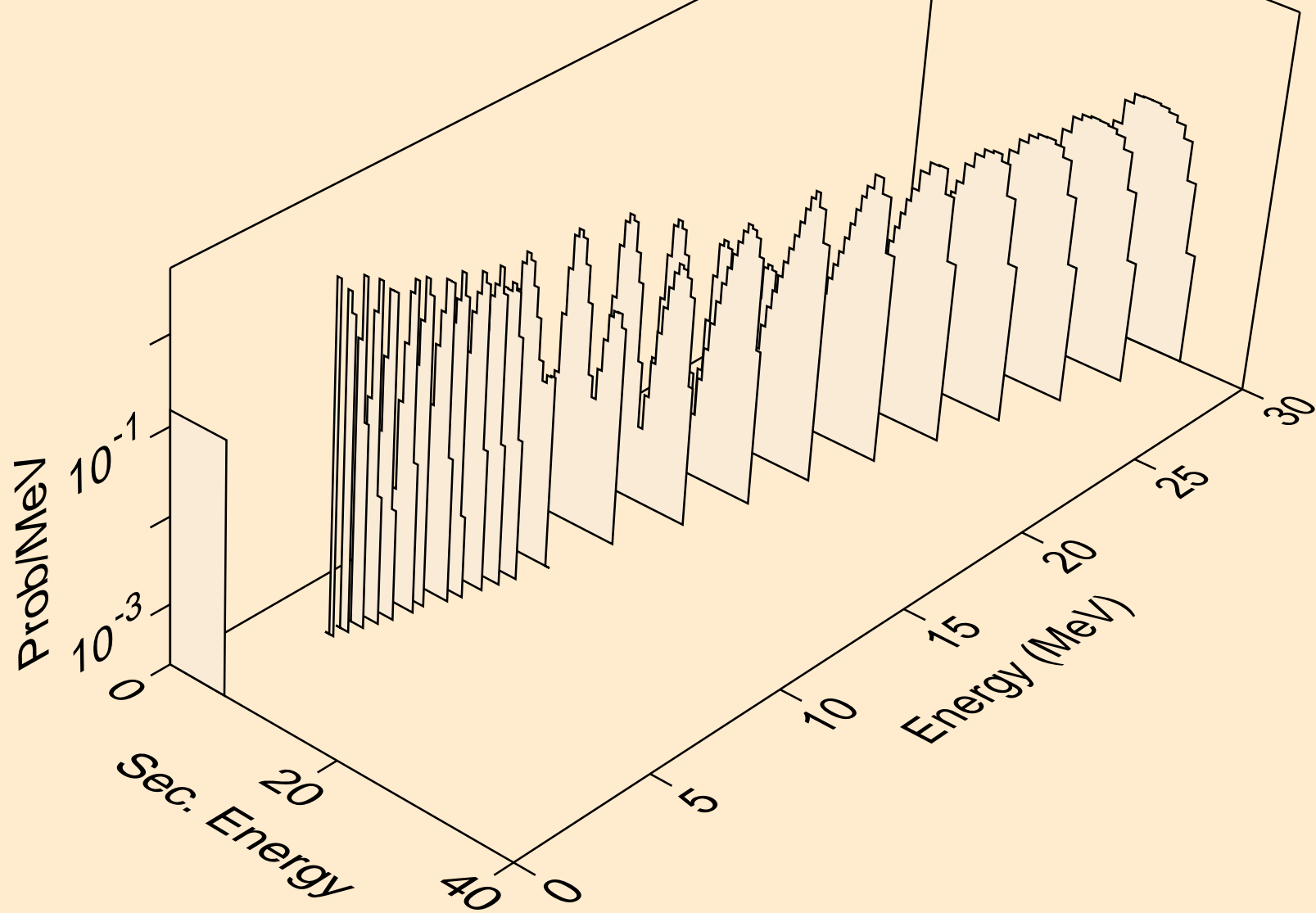




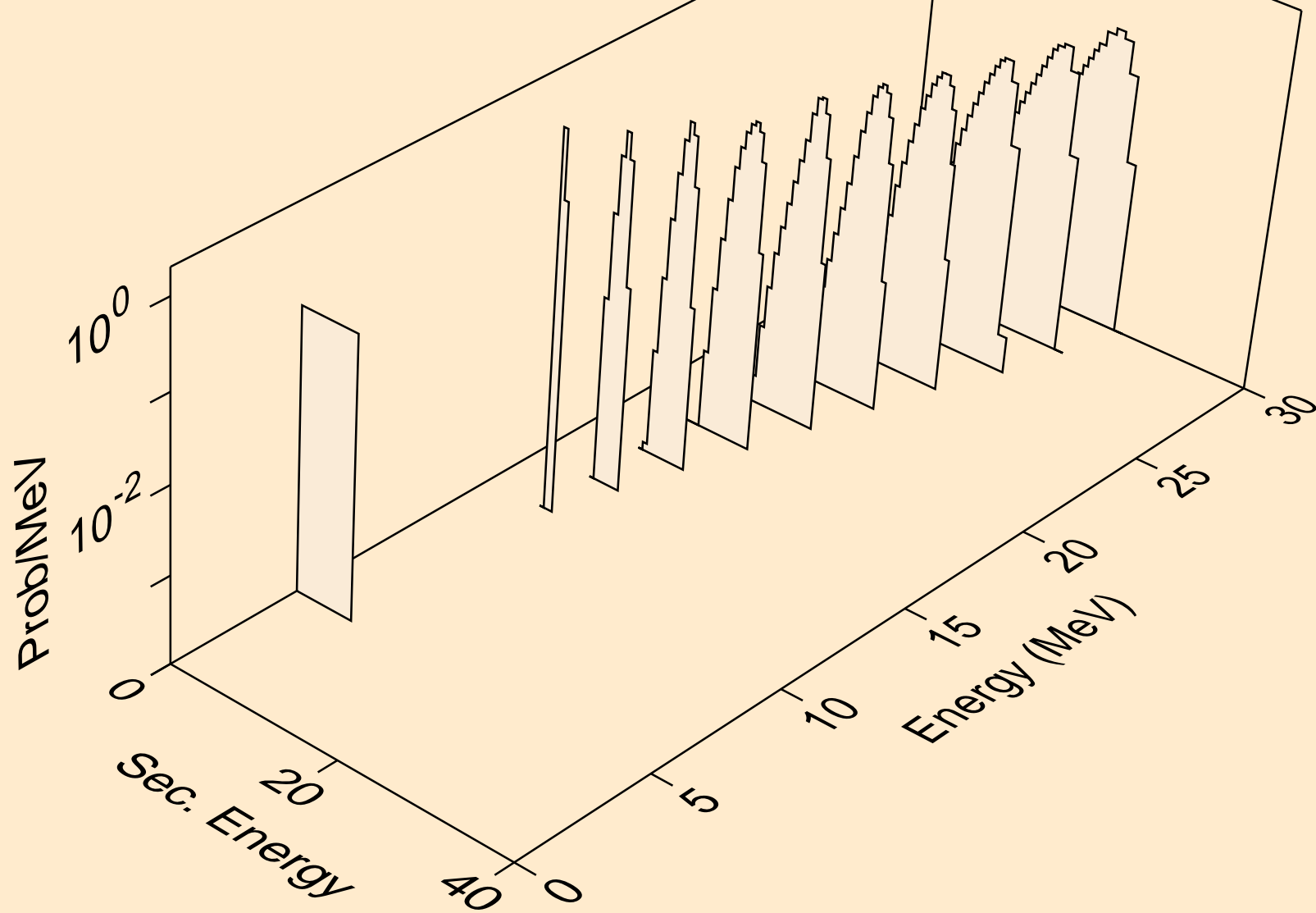
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



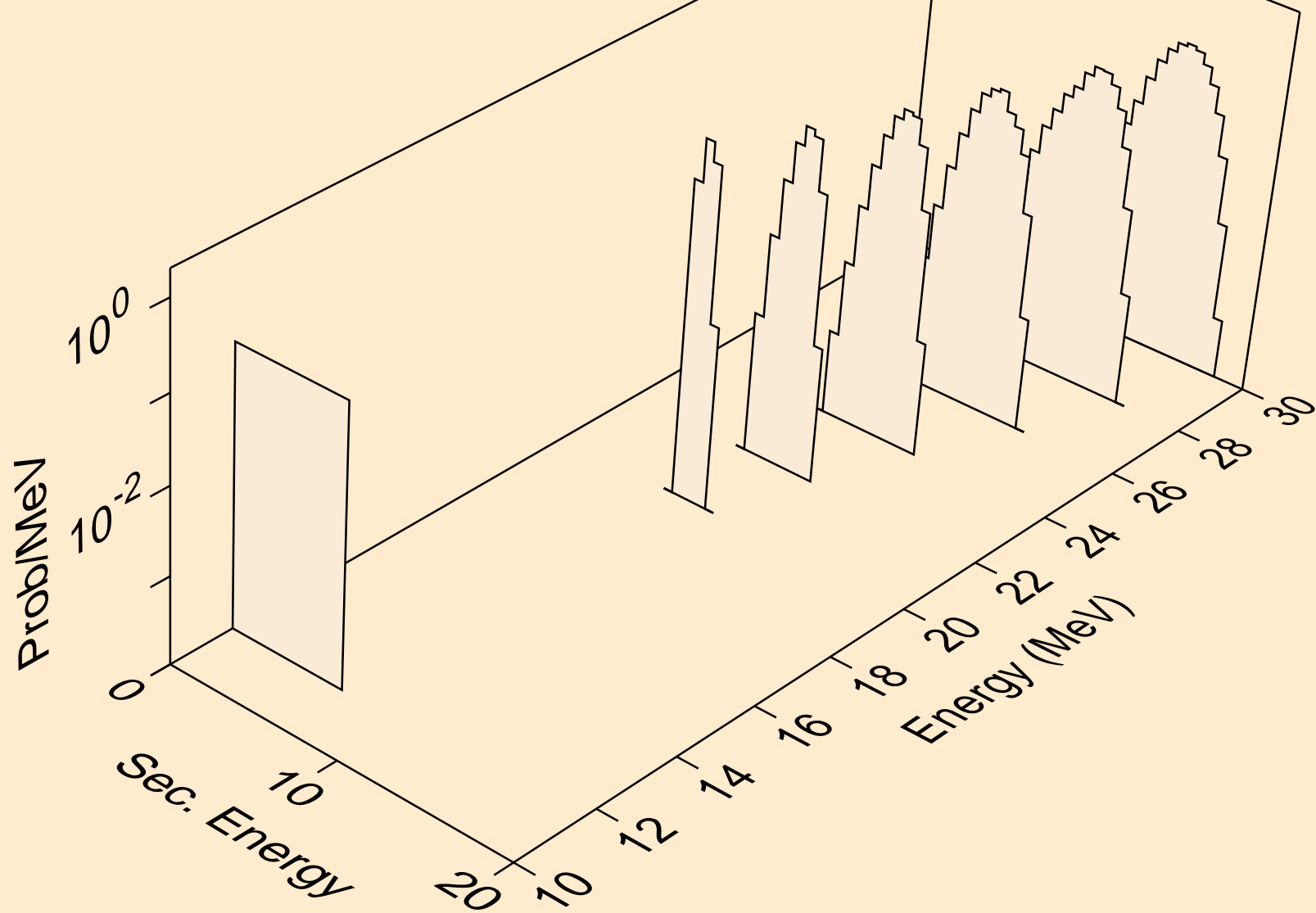
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



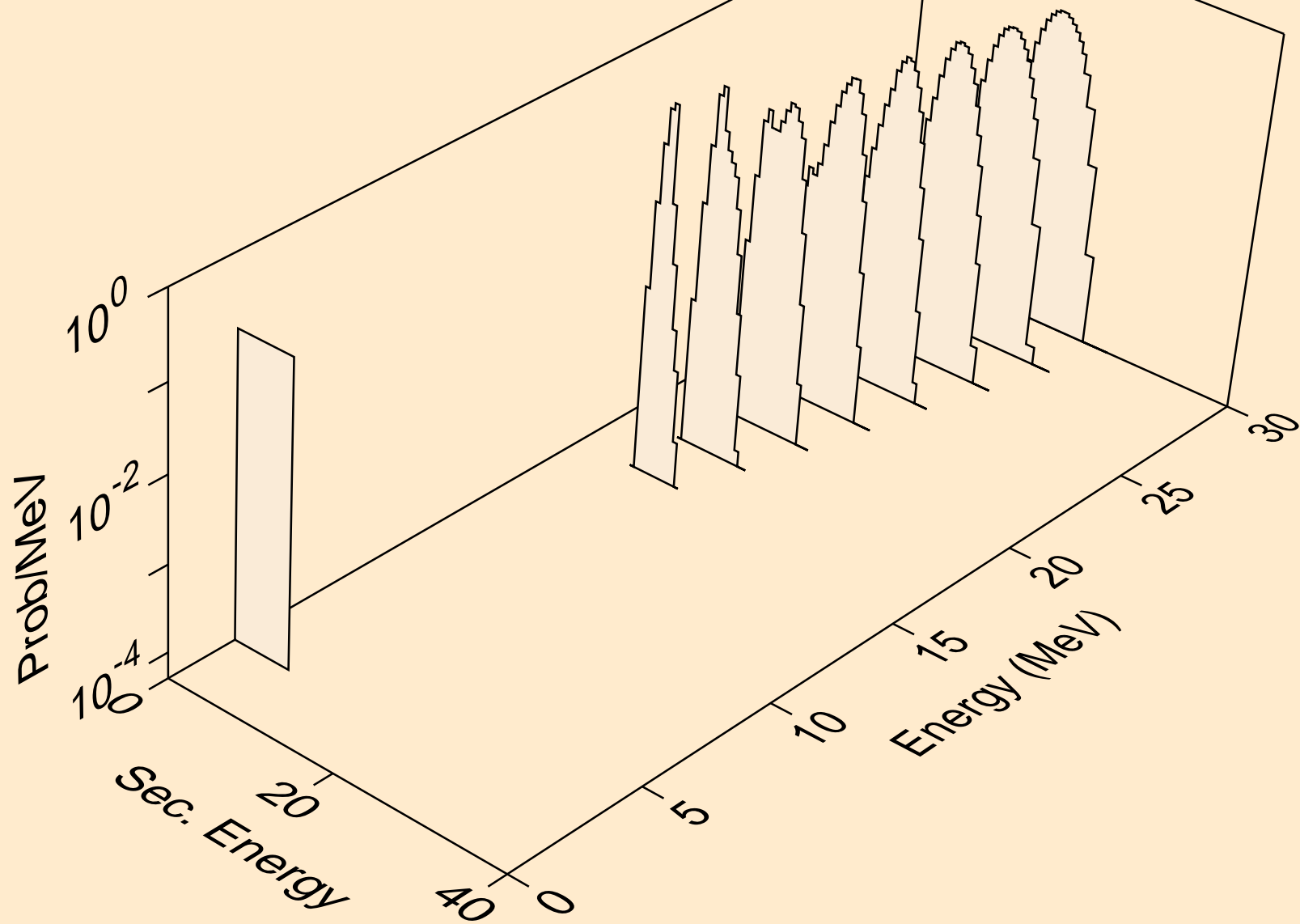
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



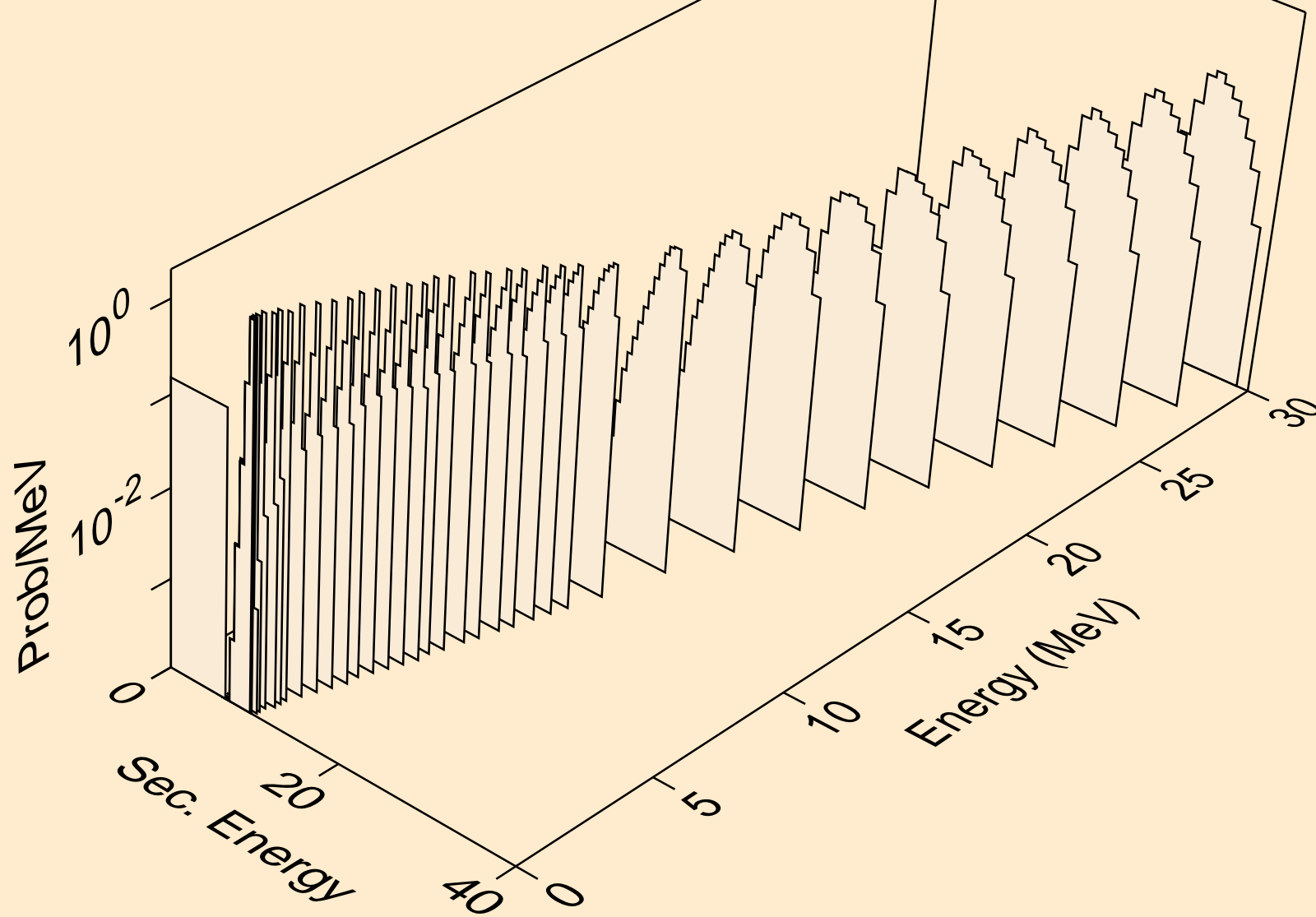
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



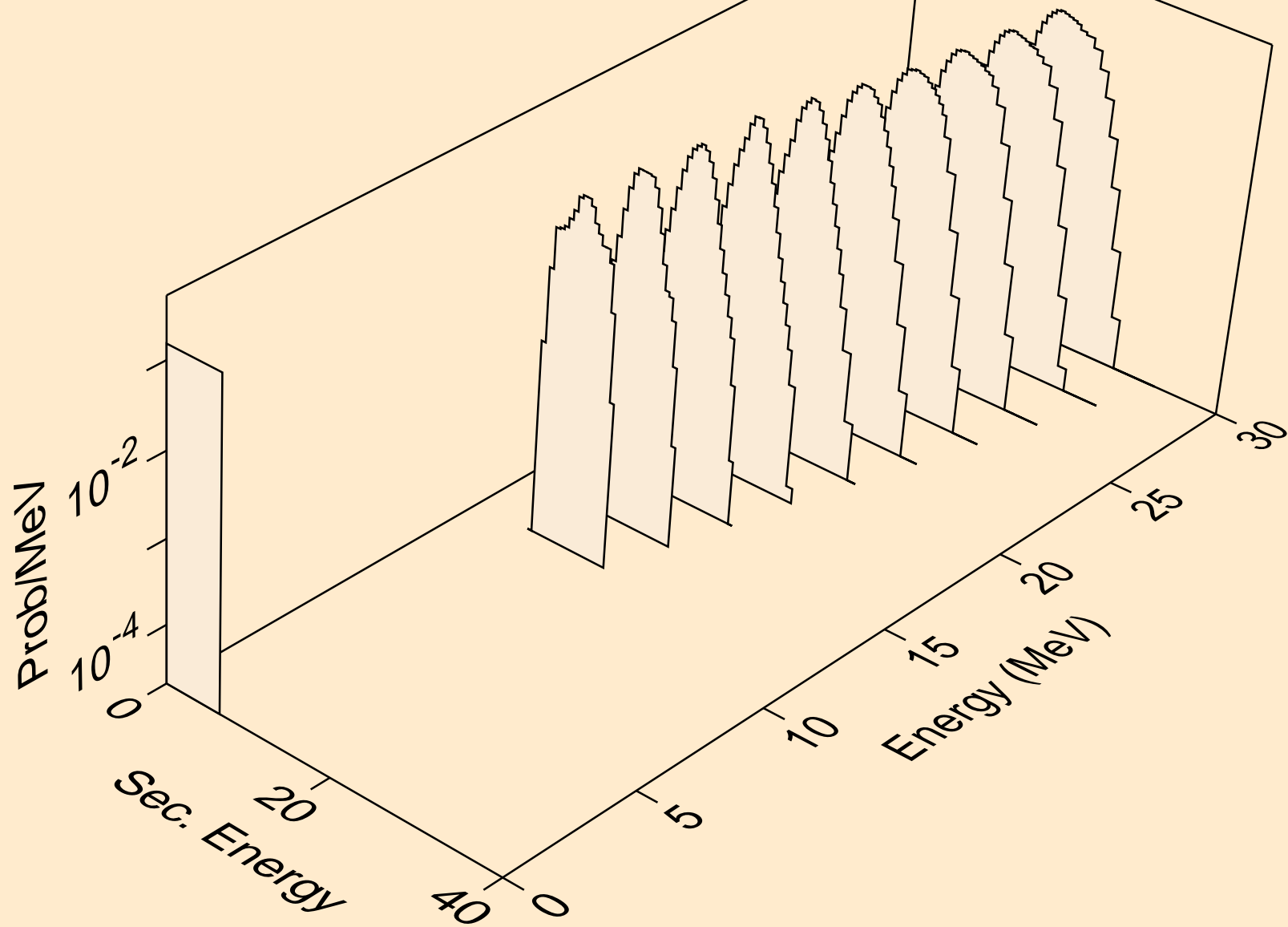
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



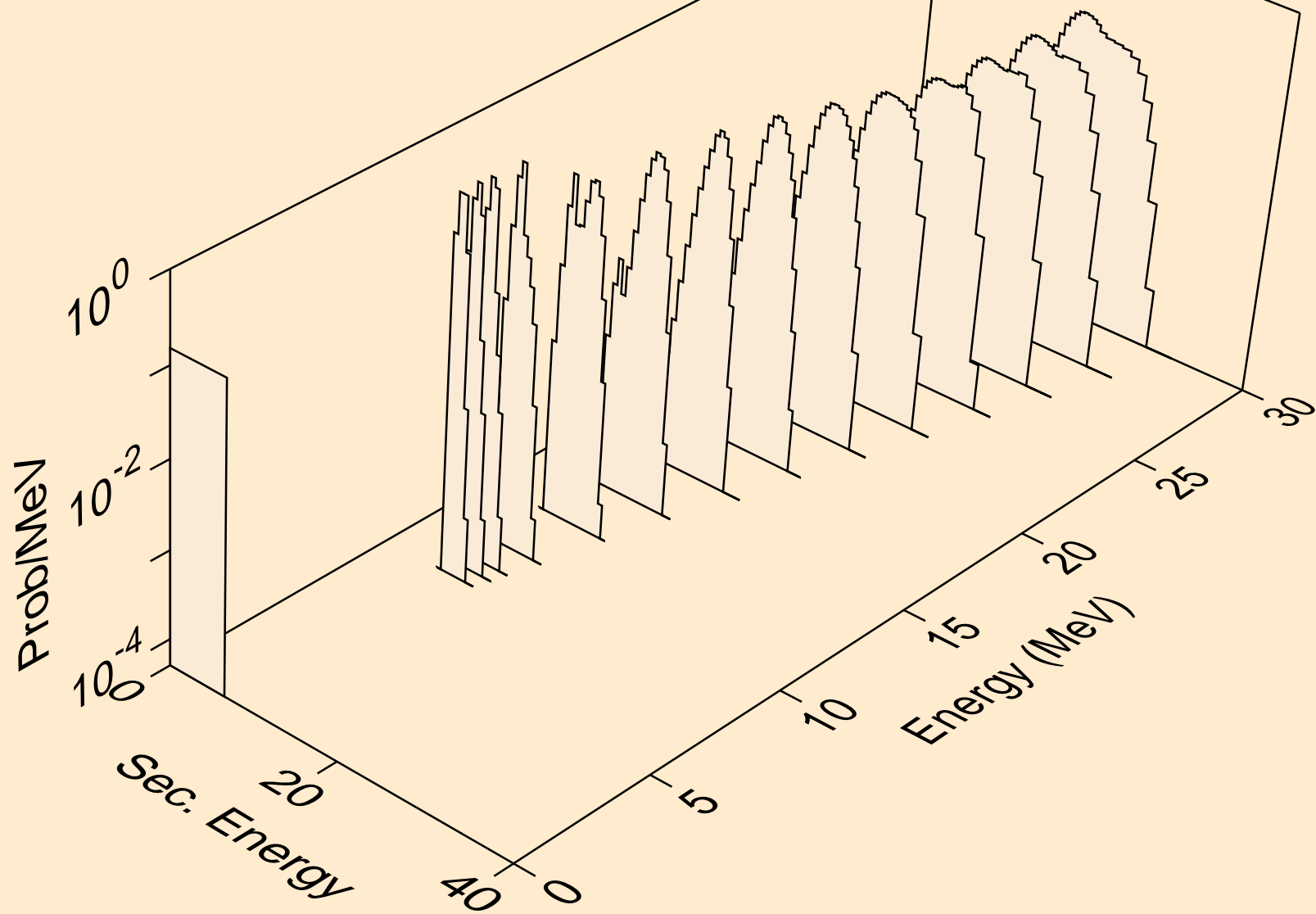
BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





BI207 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

