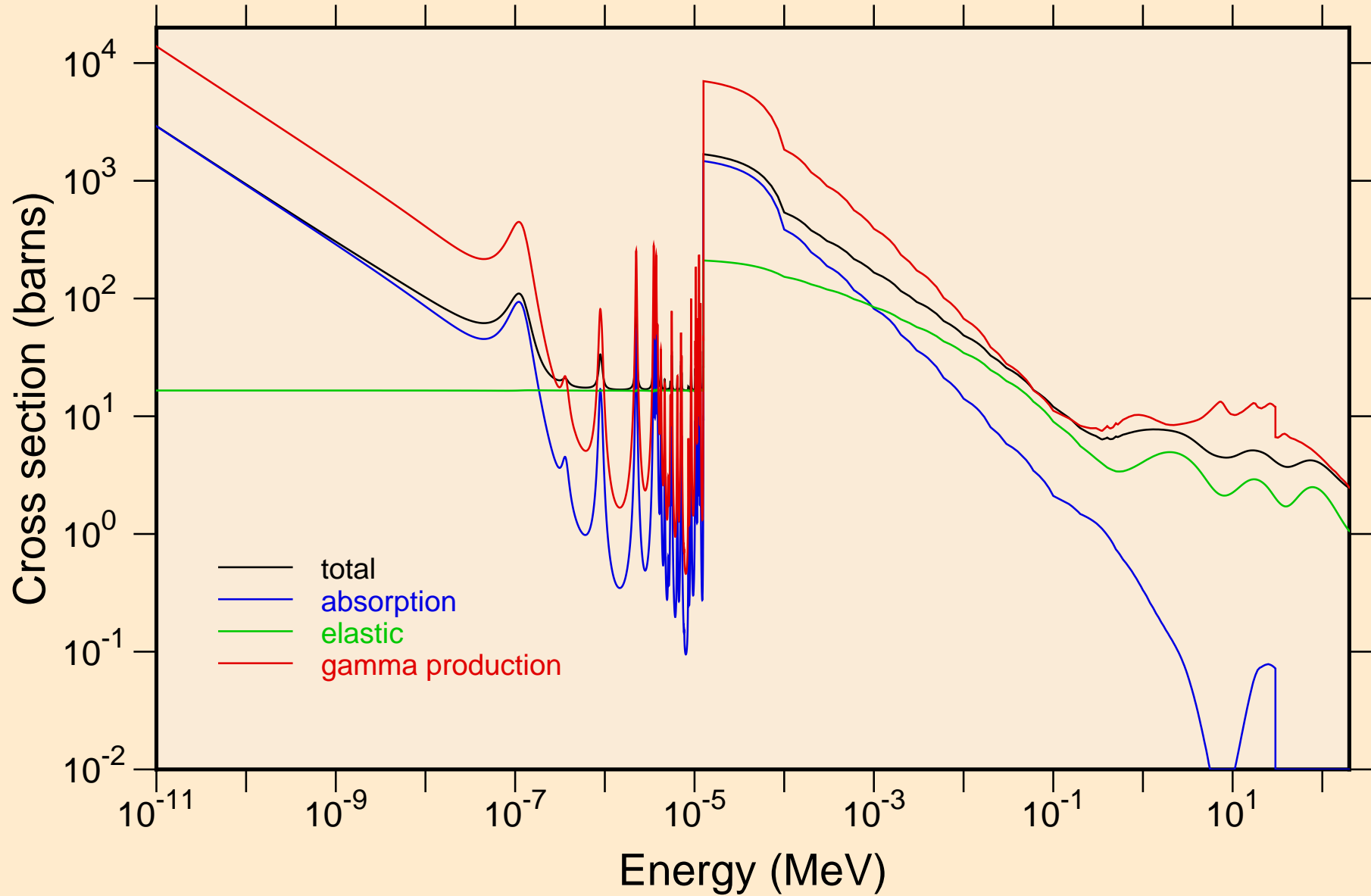
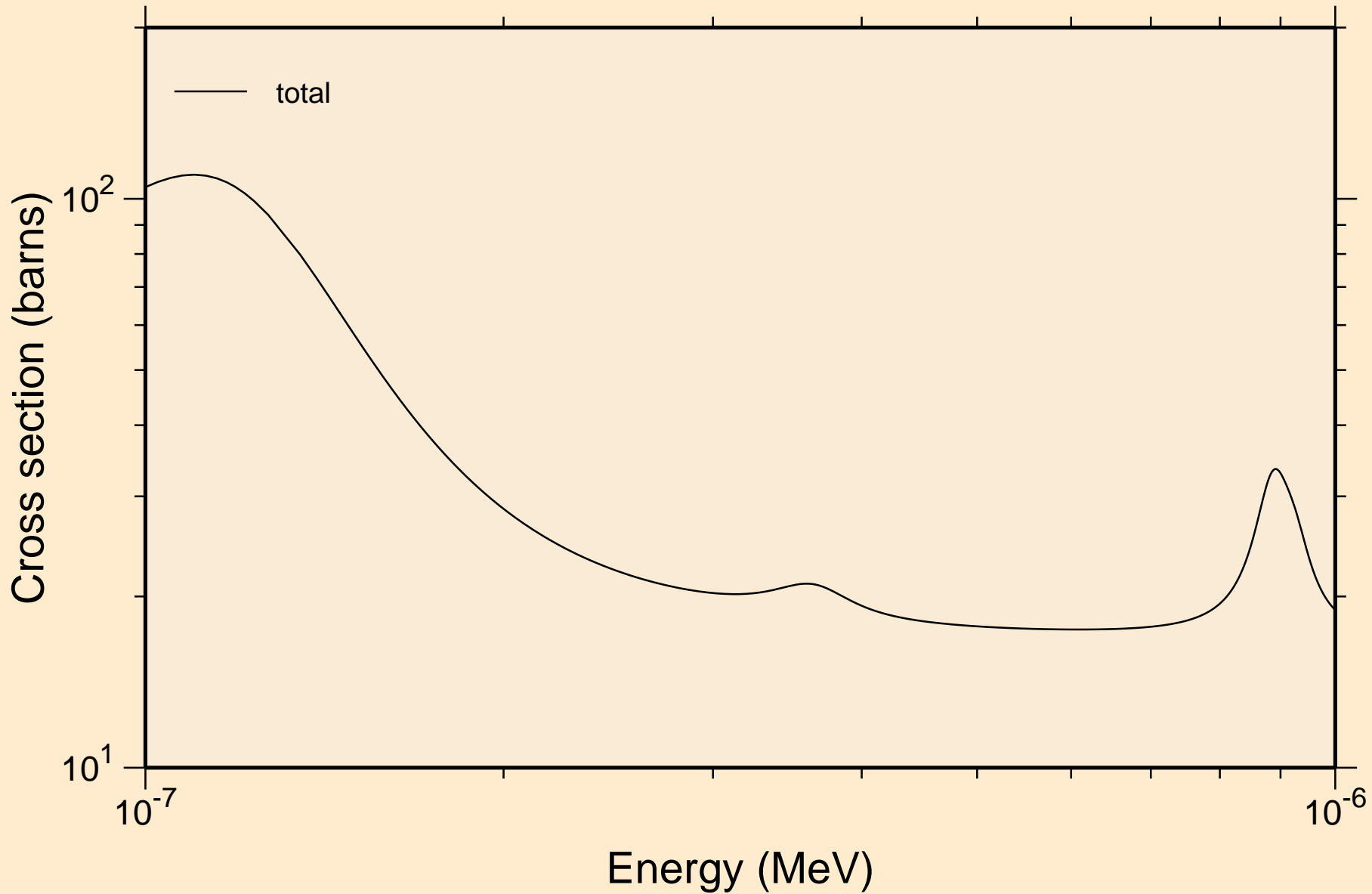


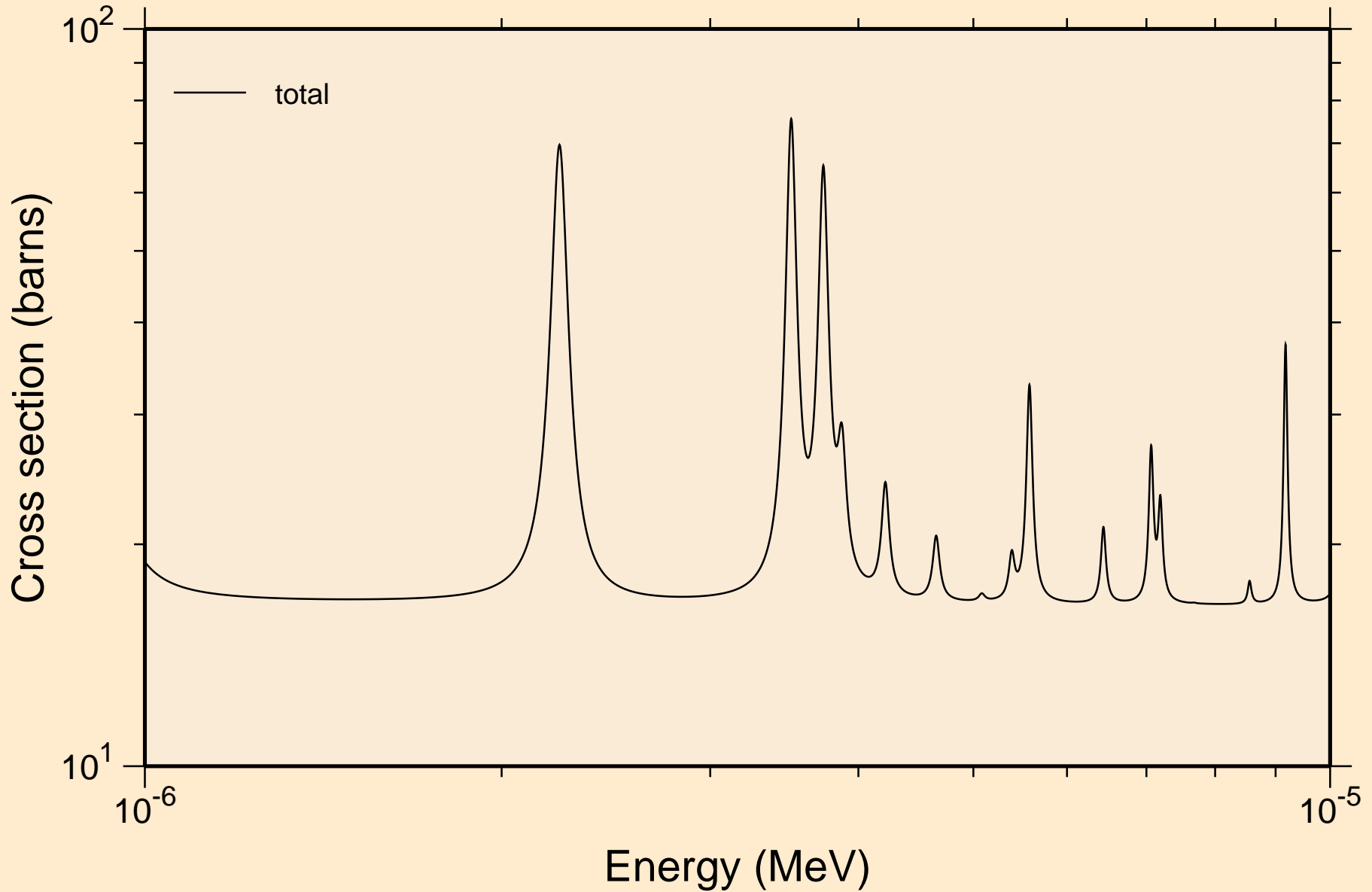
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



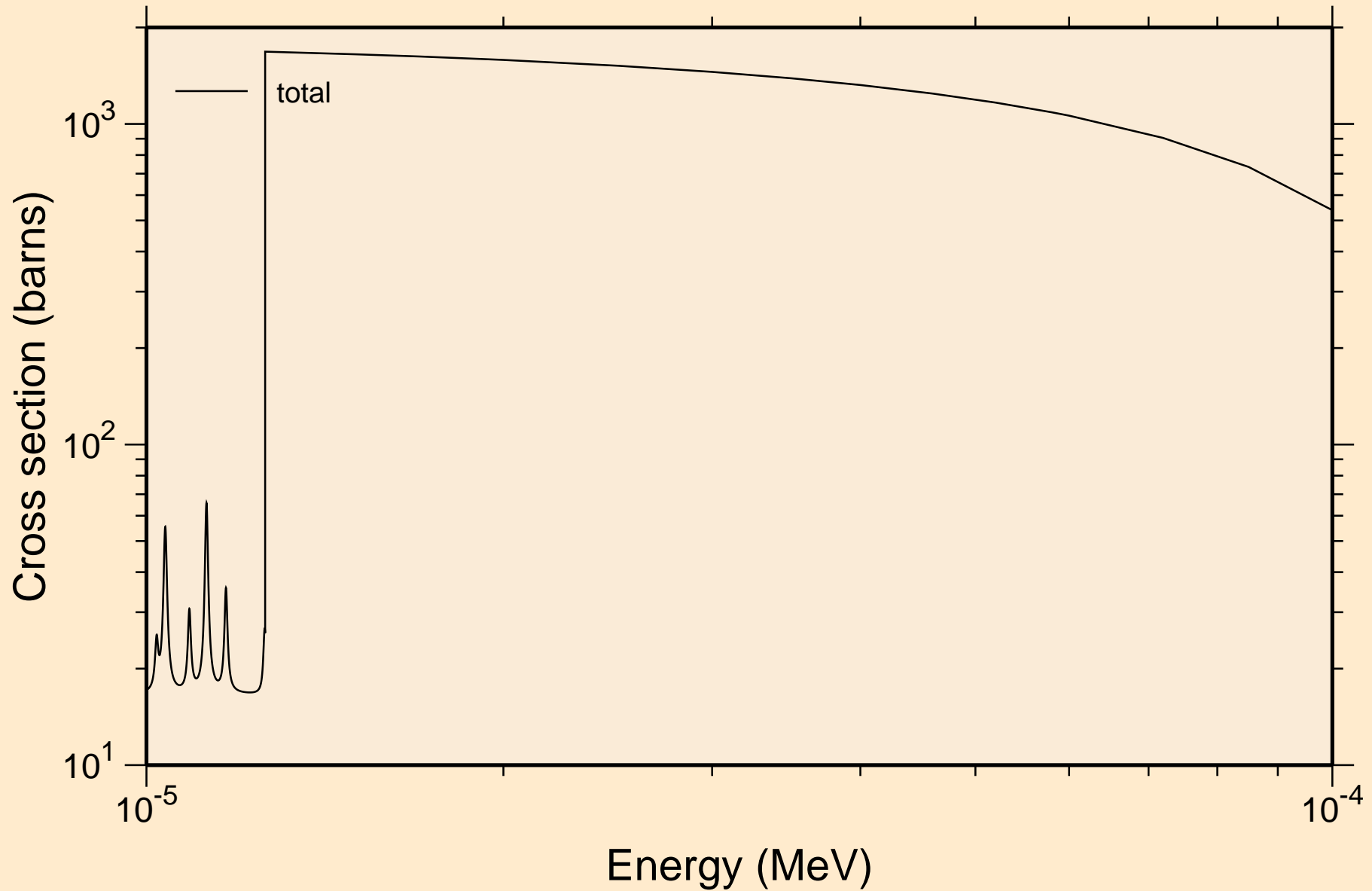
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



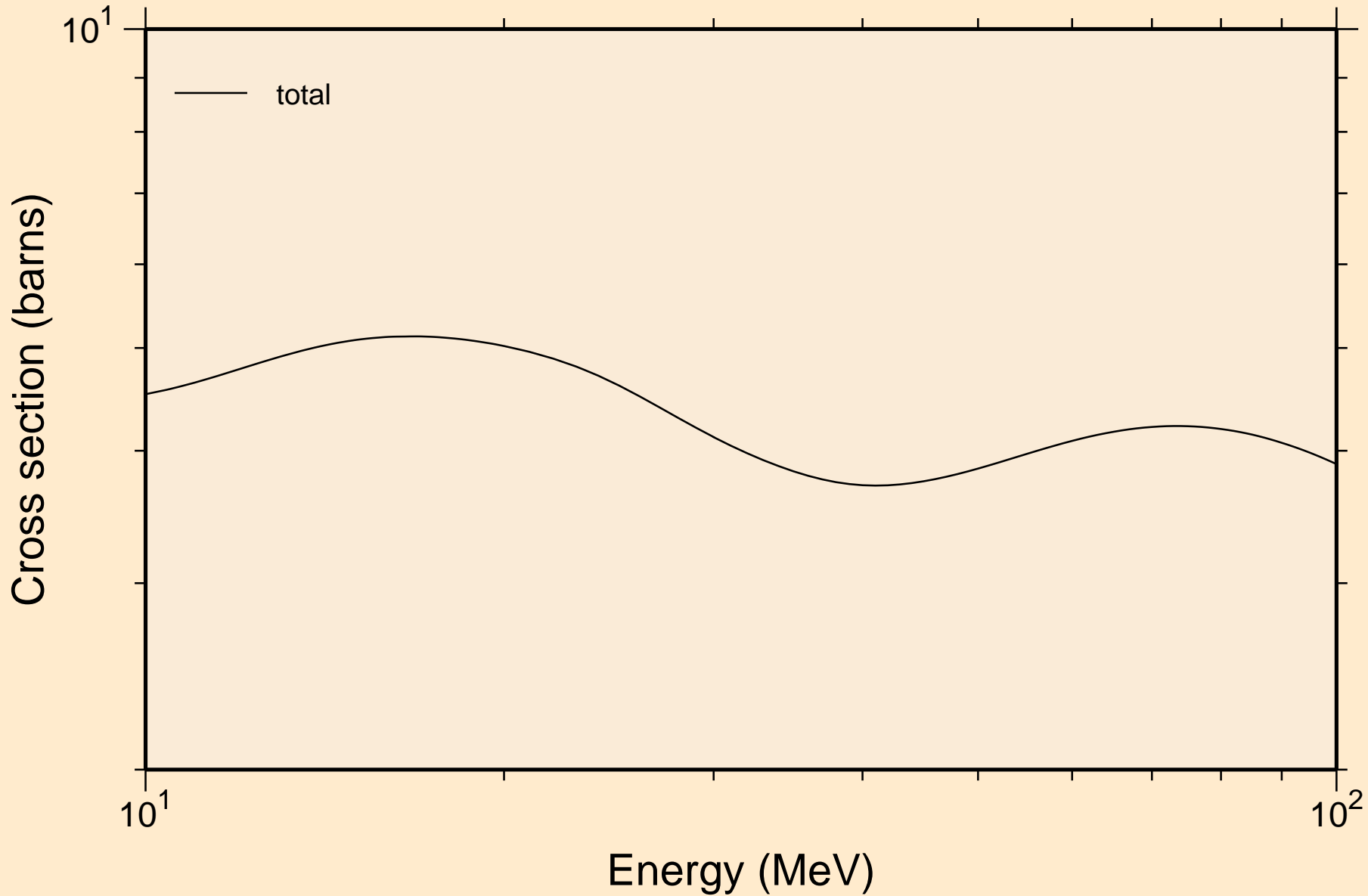
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



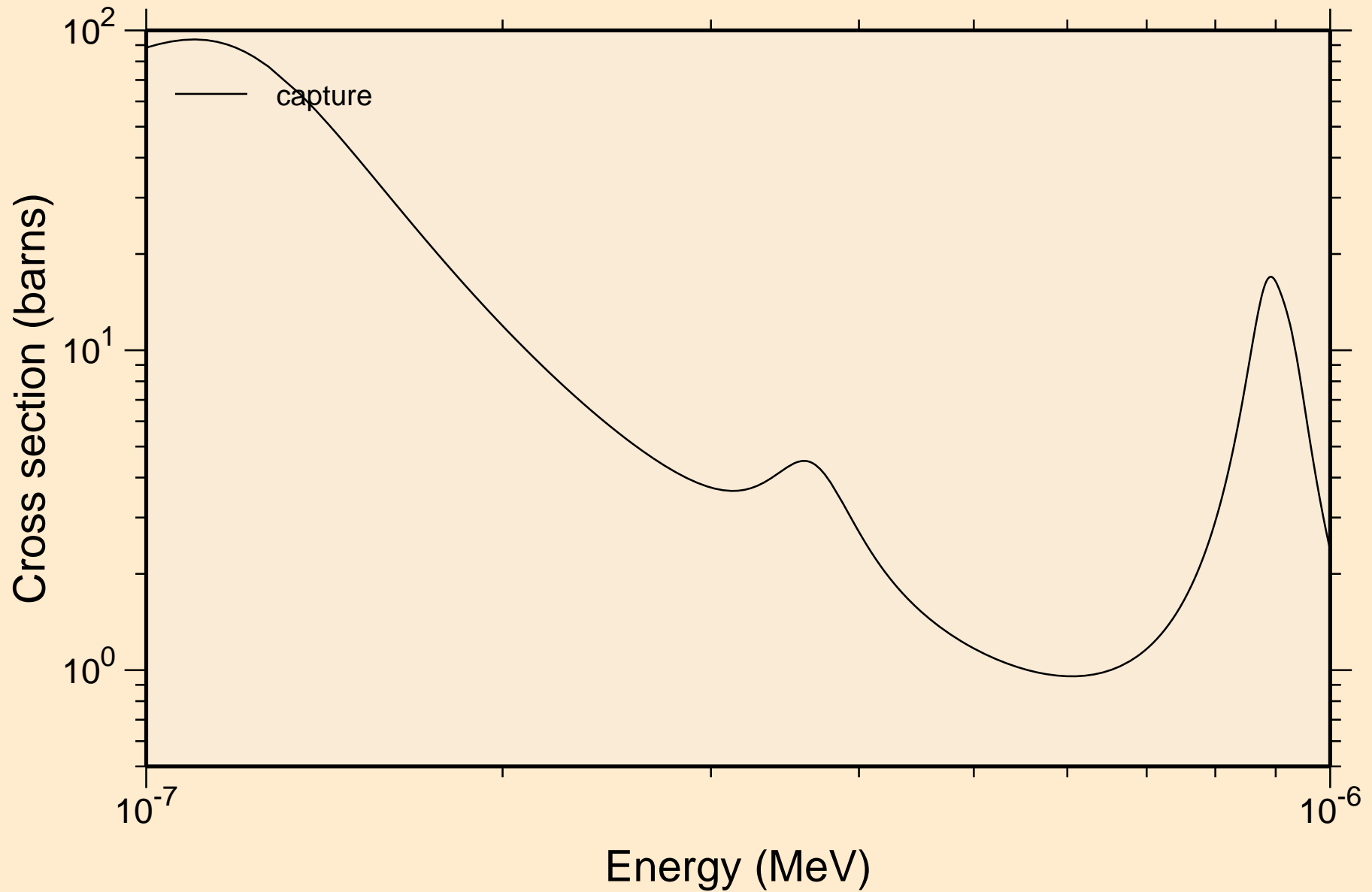
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



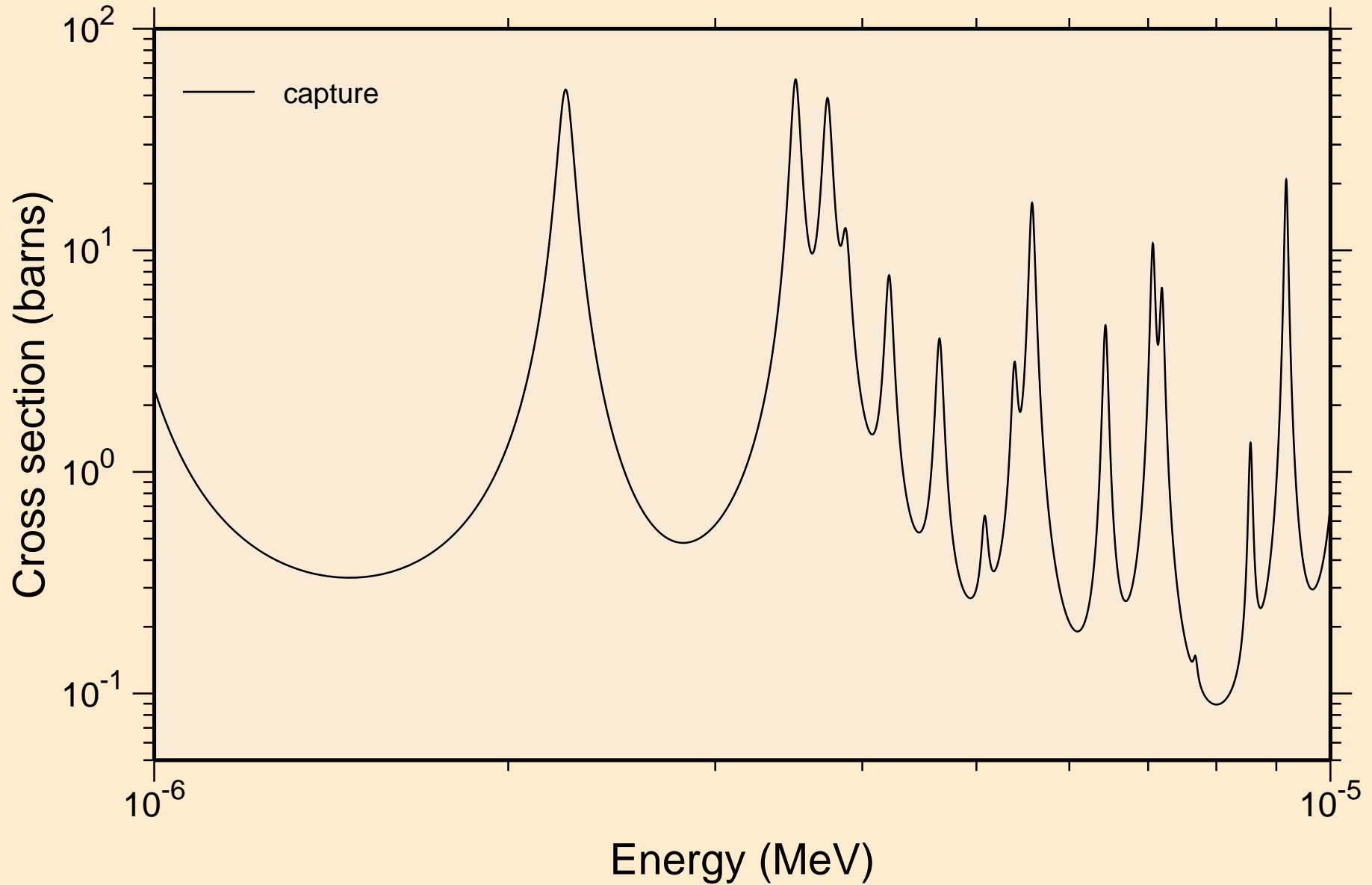
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



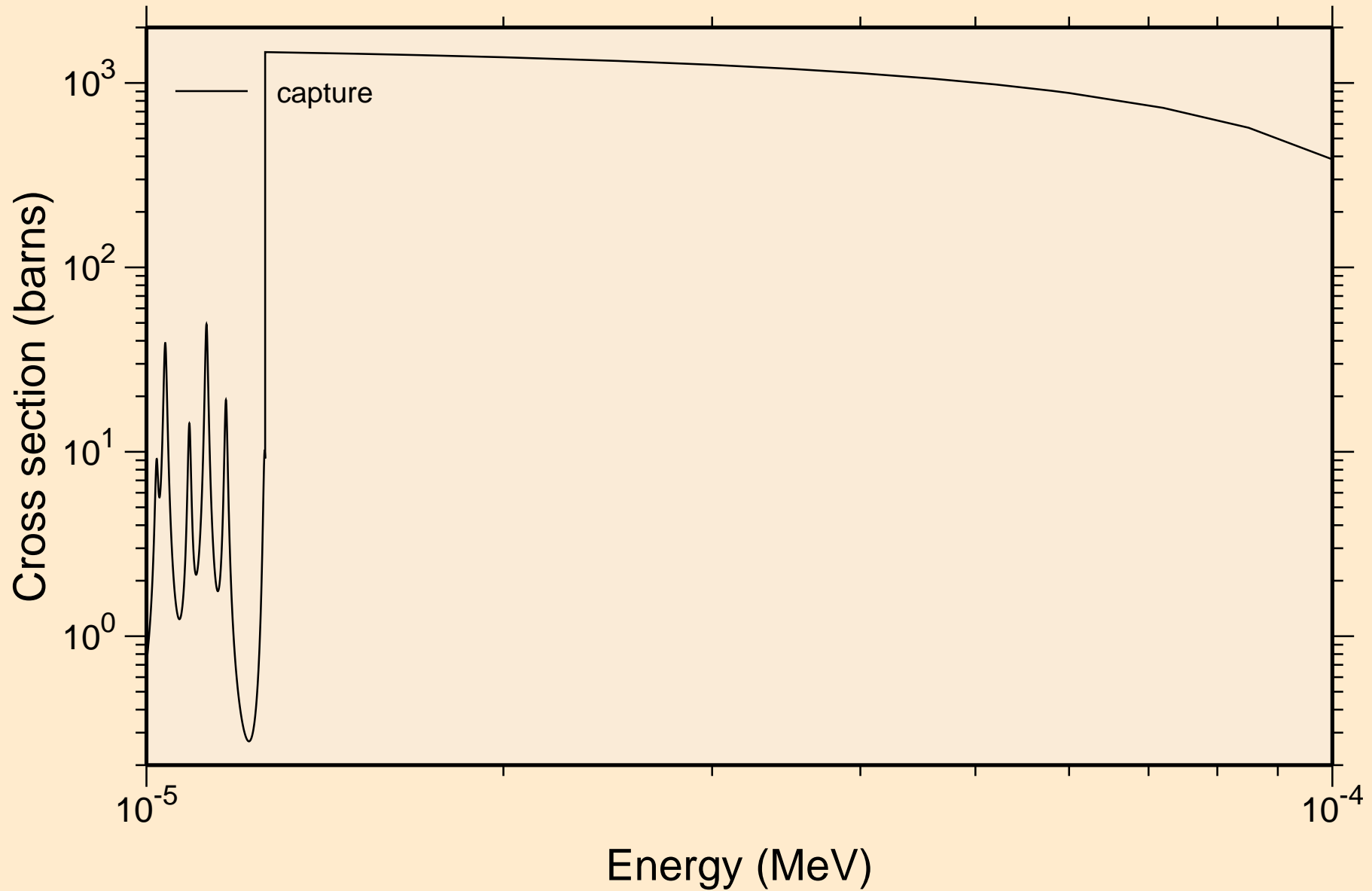
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

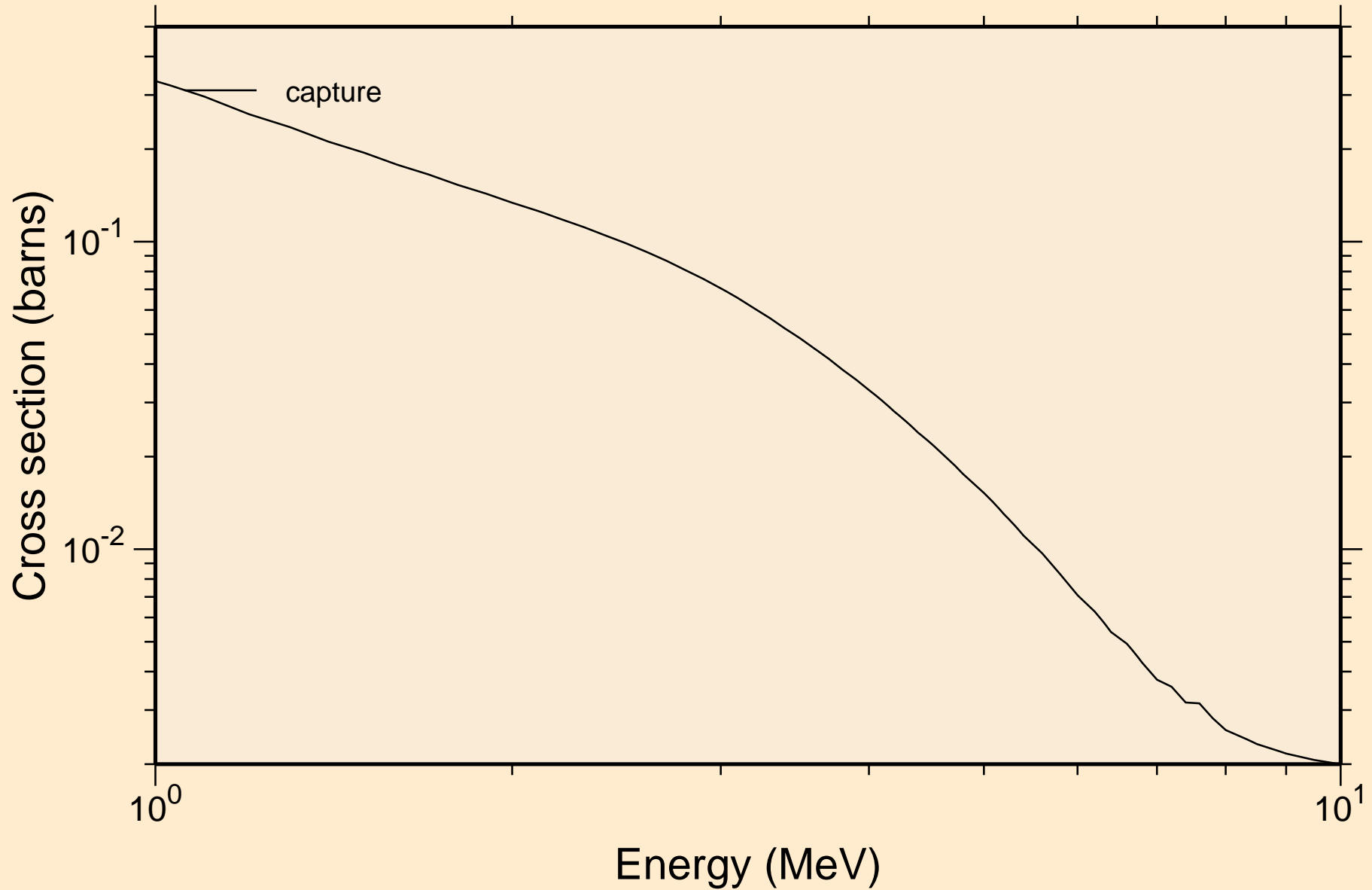


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



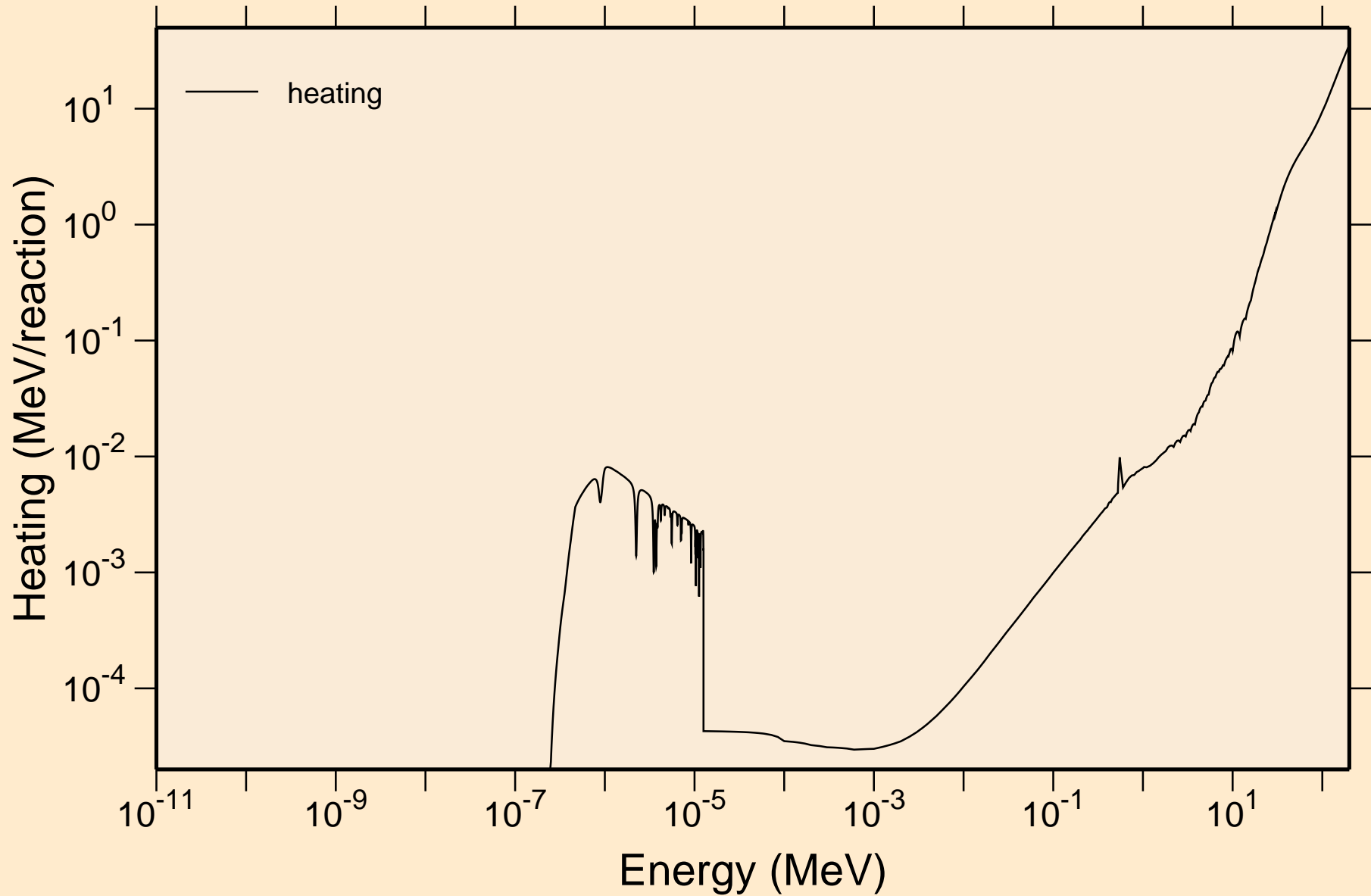


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

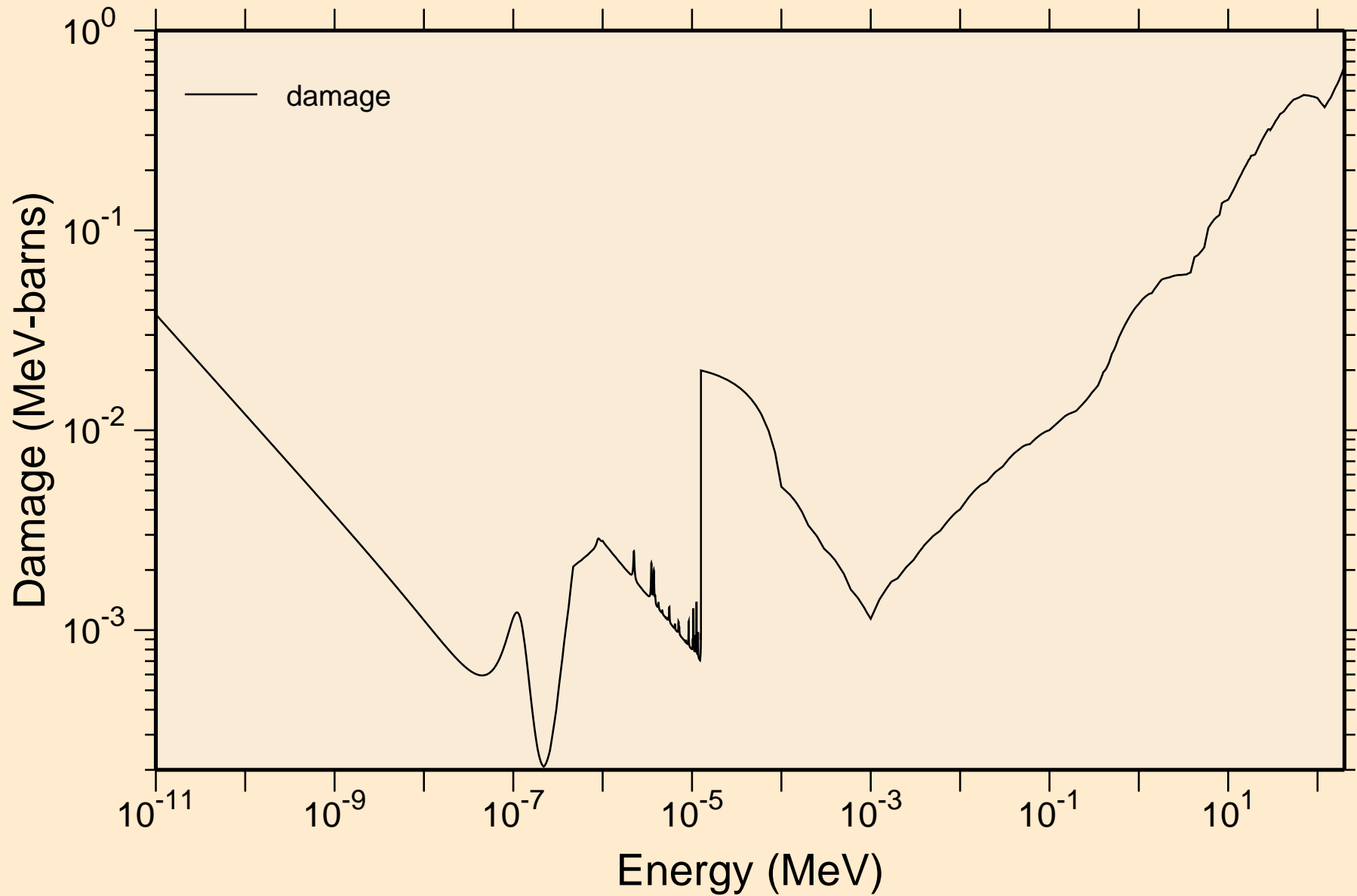


# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

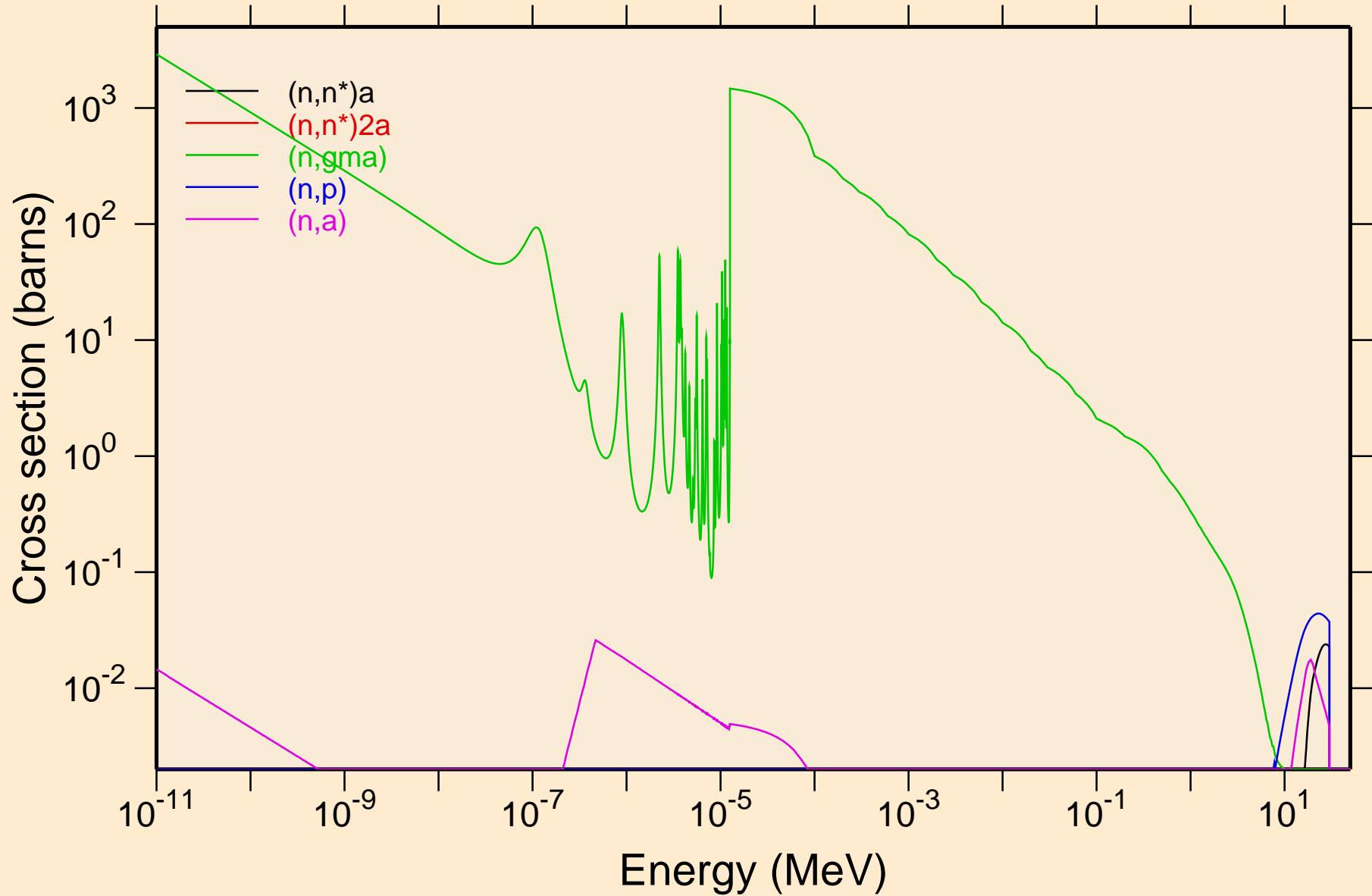
## Heating



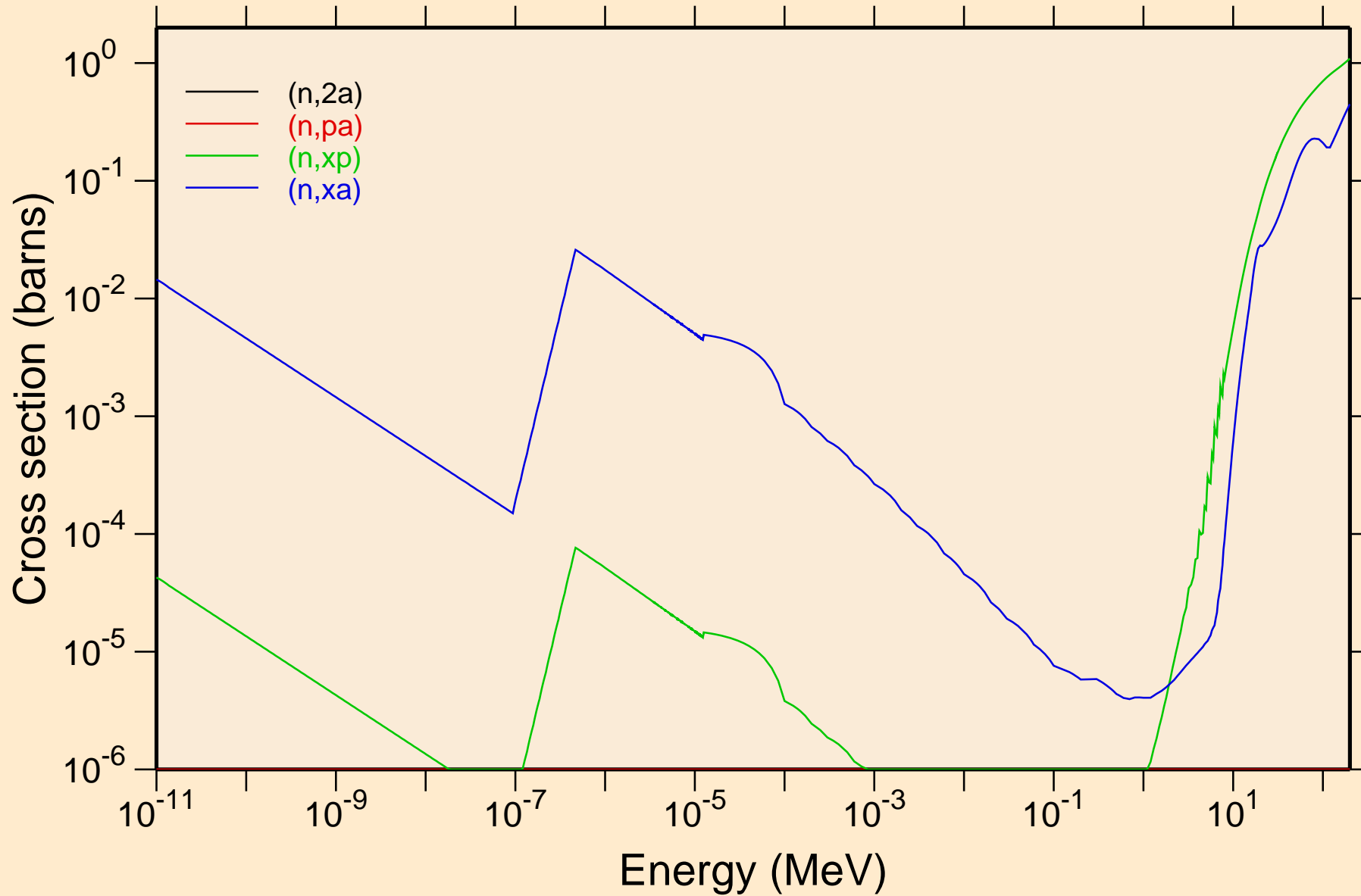
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

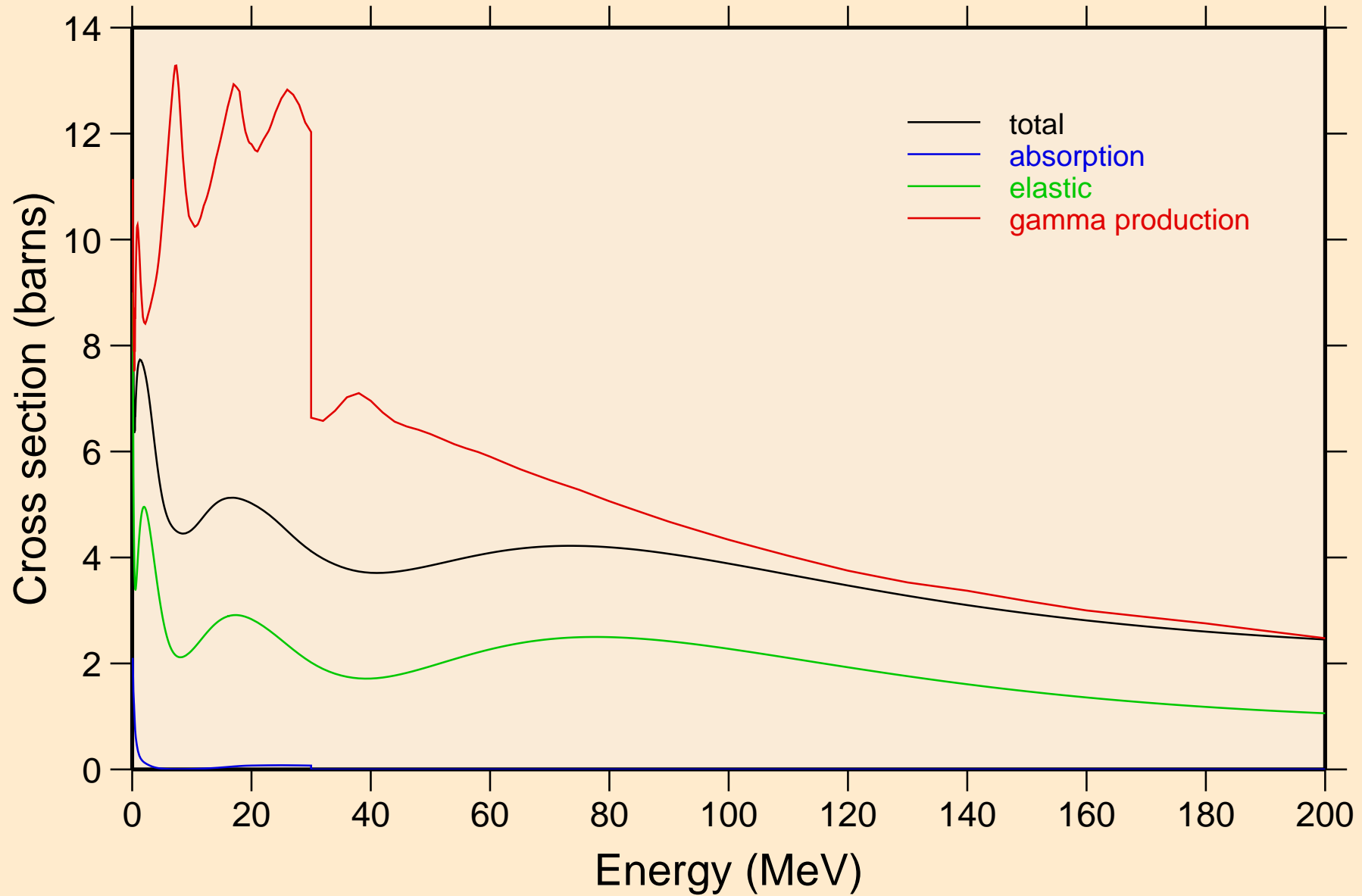


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



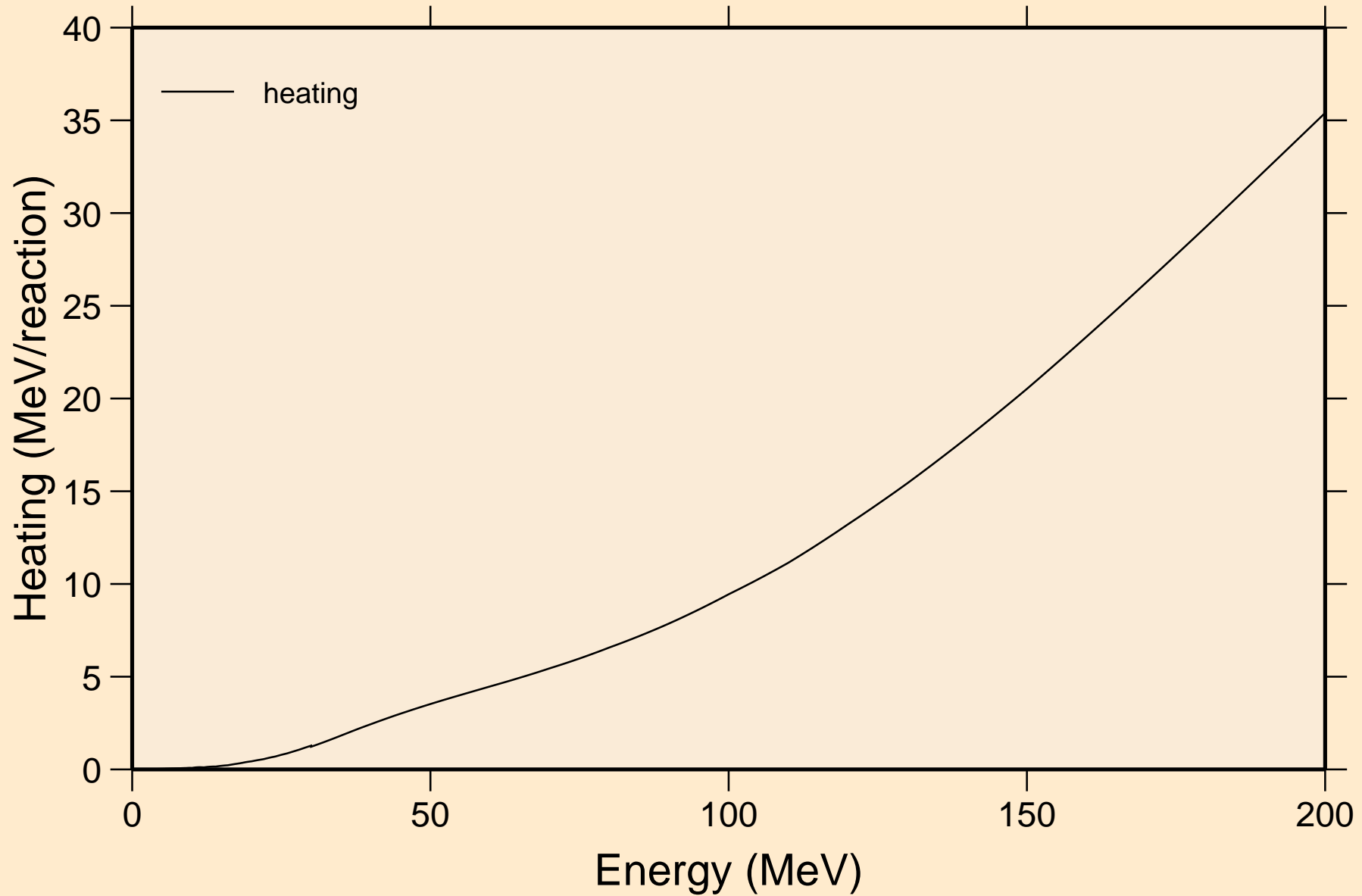
# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

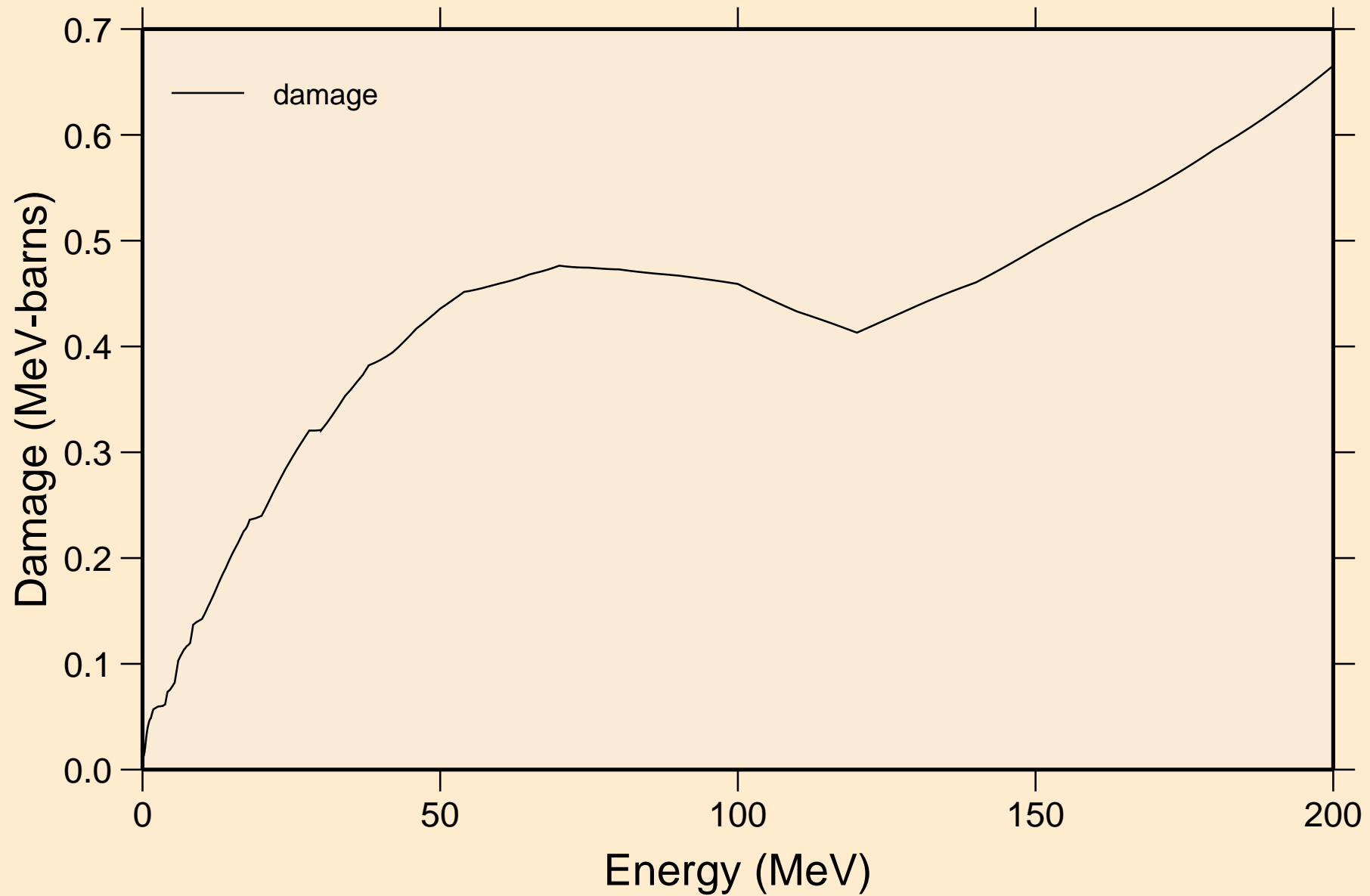


# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

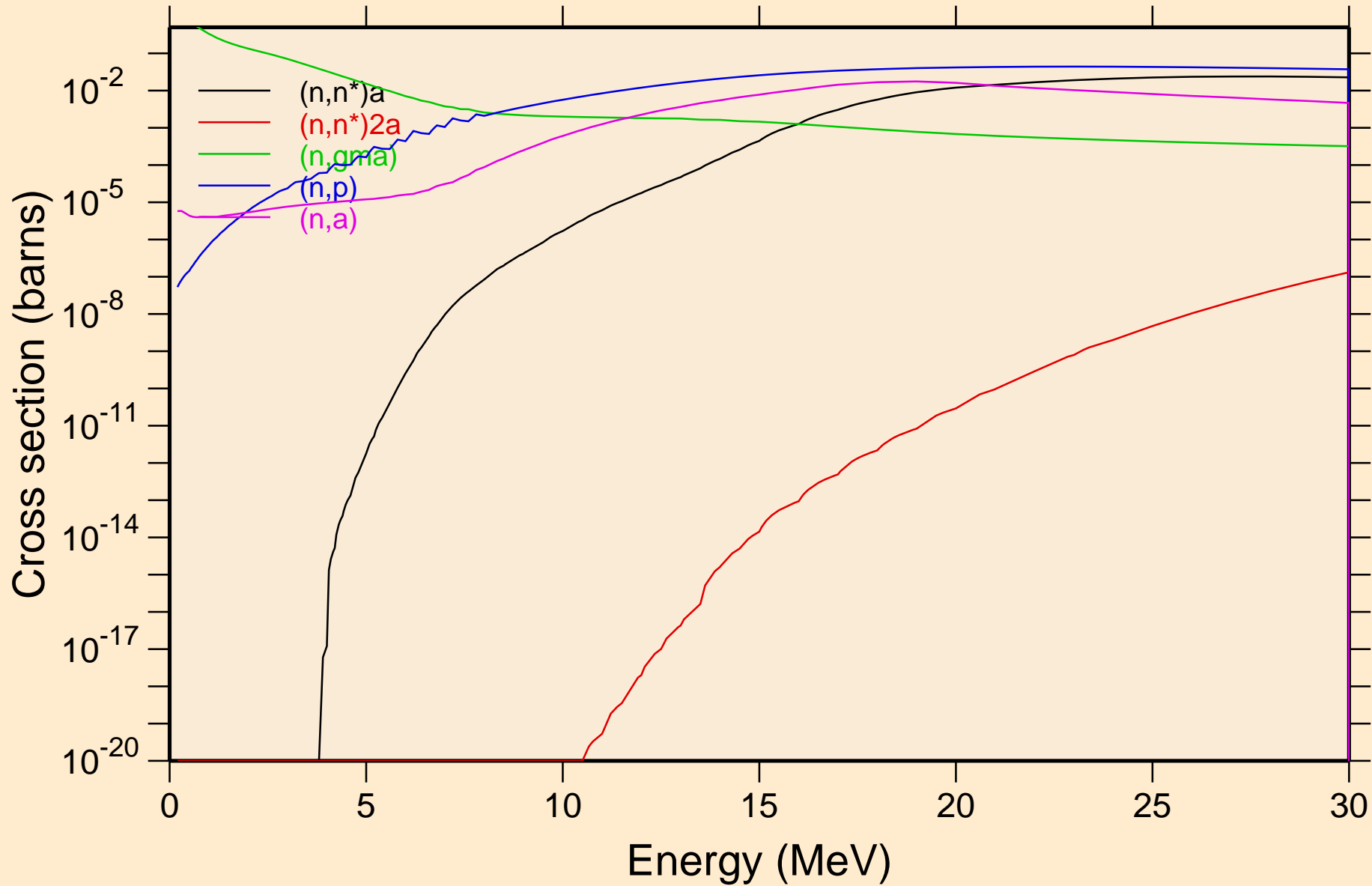


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

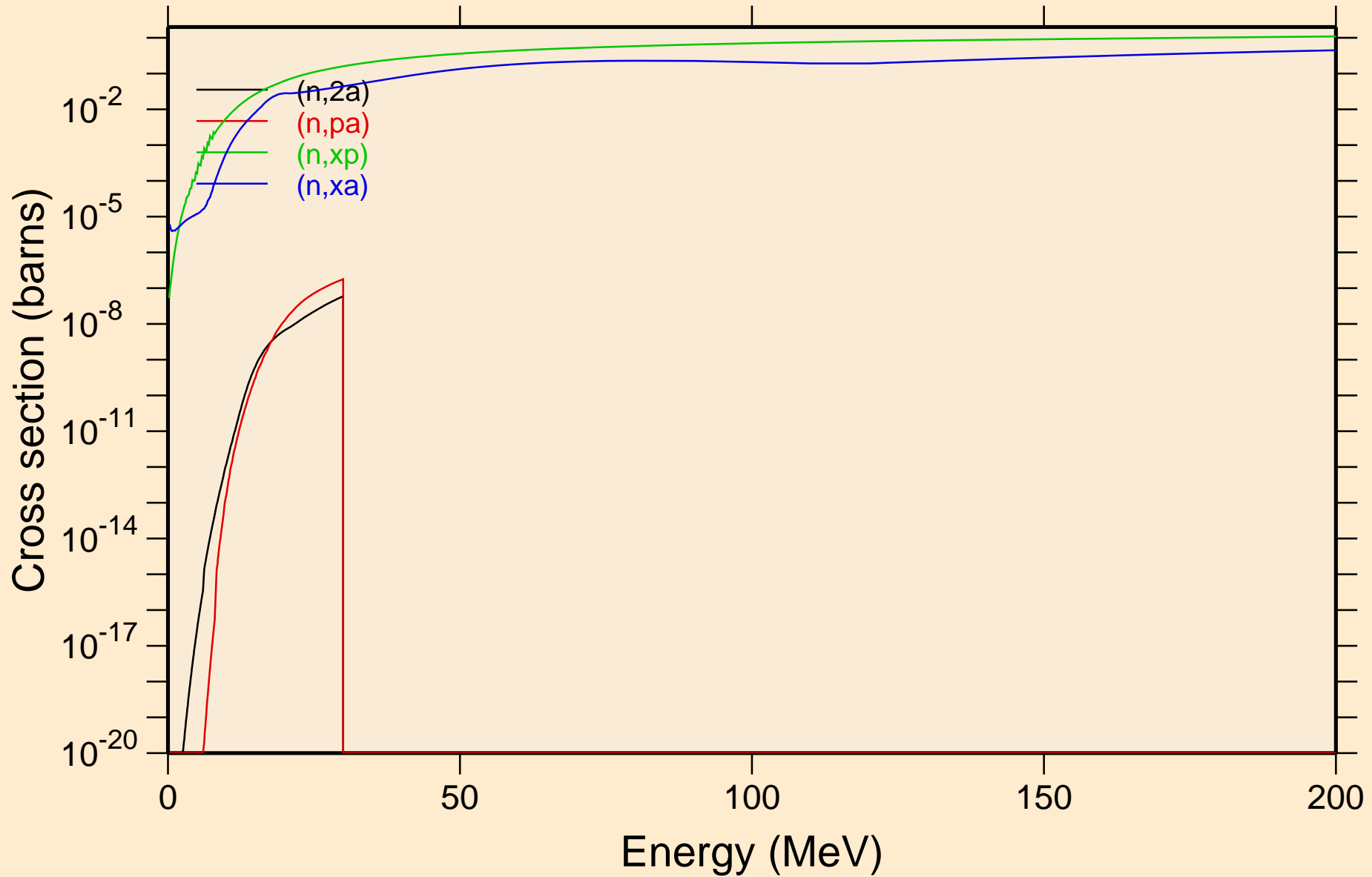




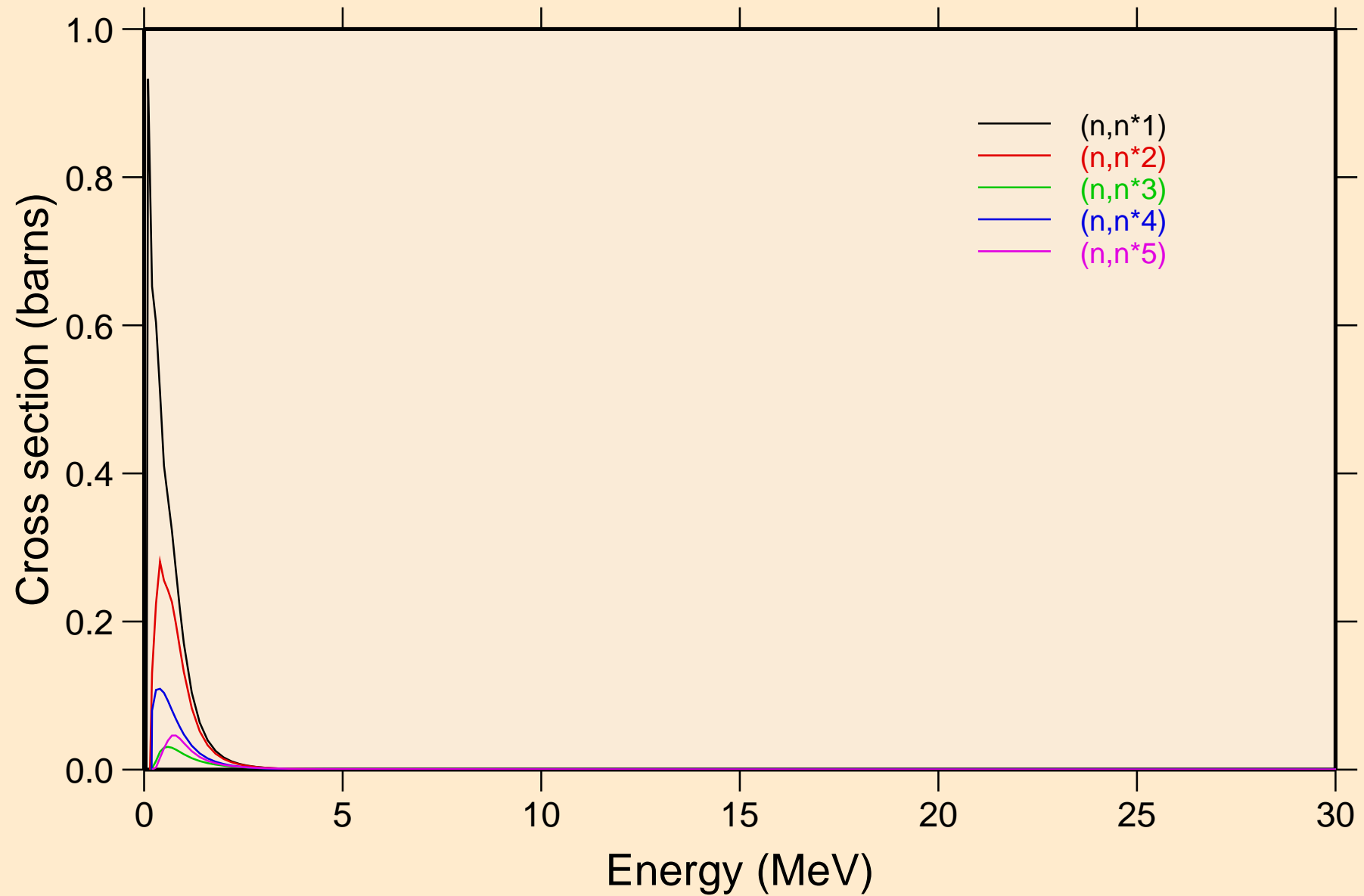
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



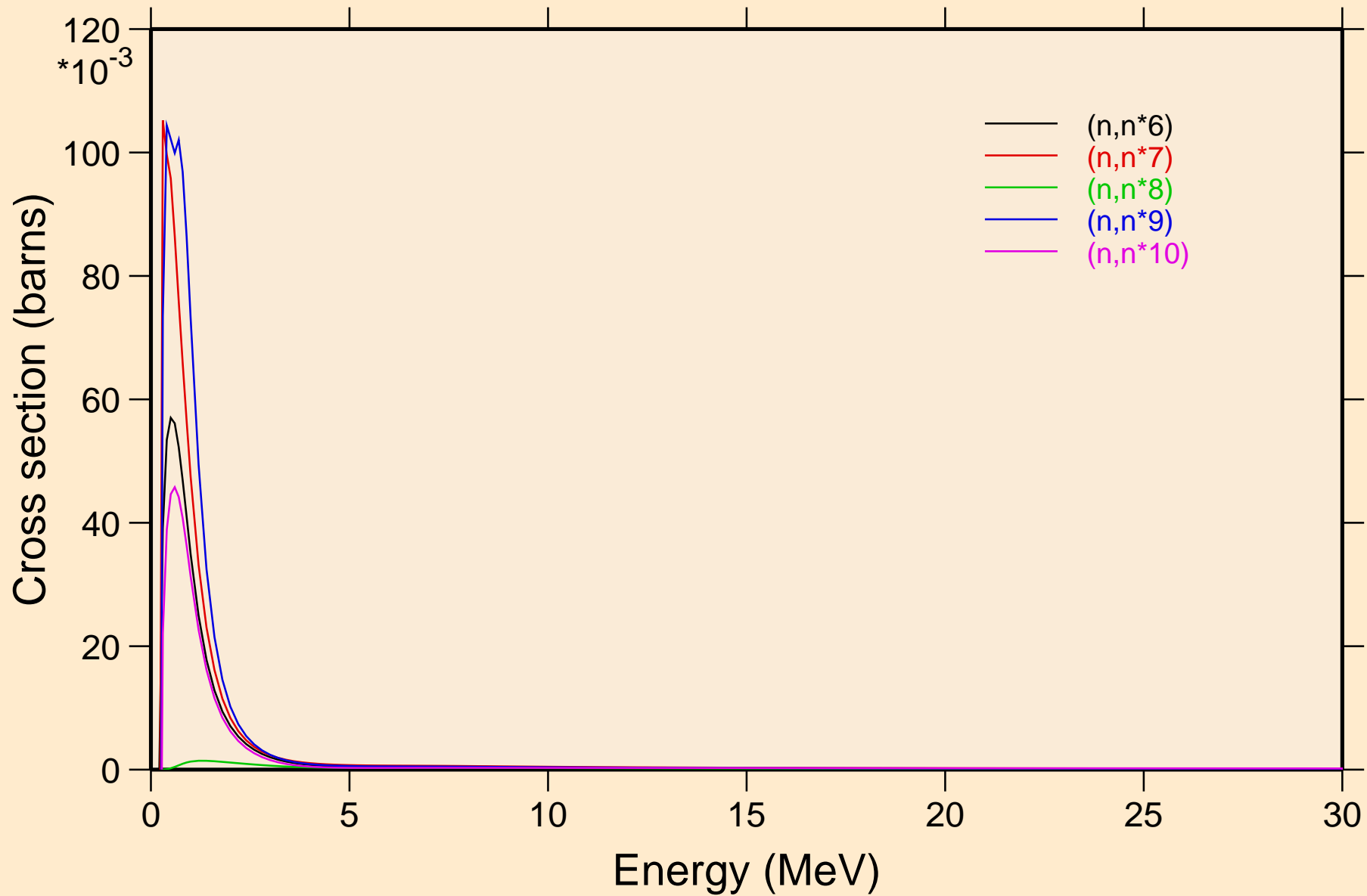
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



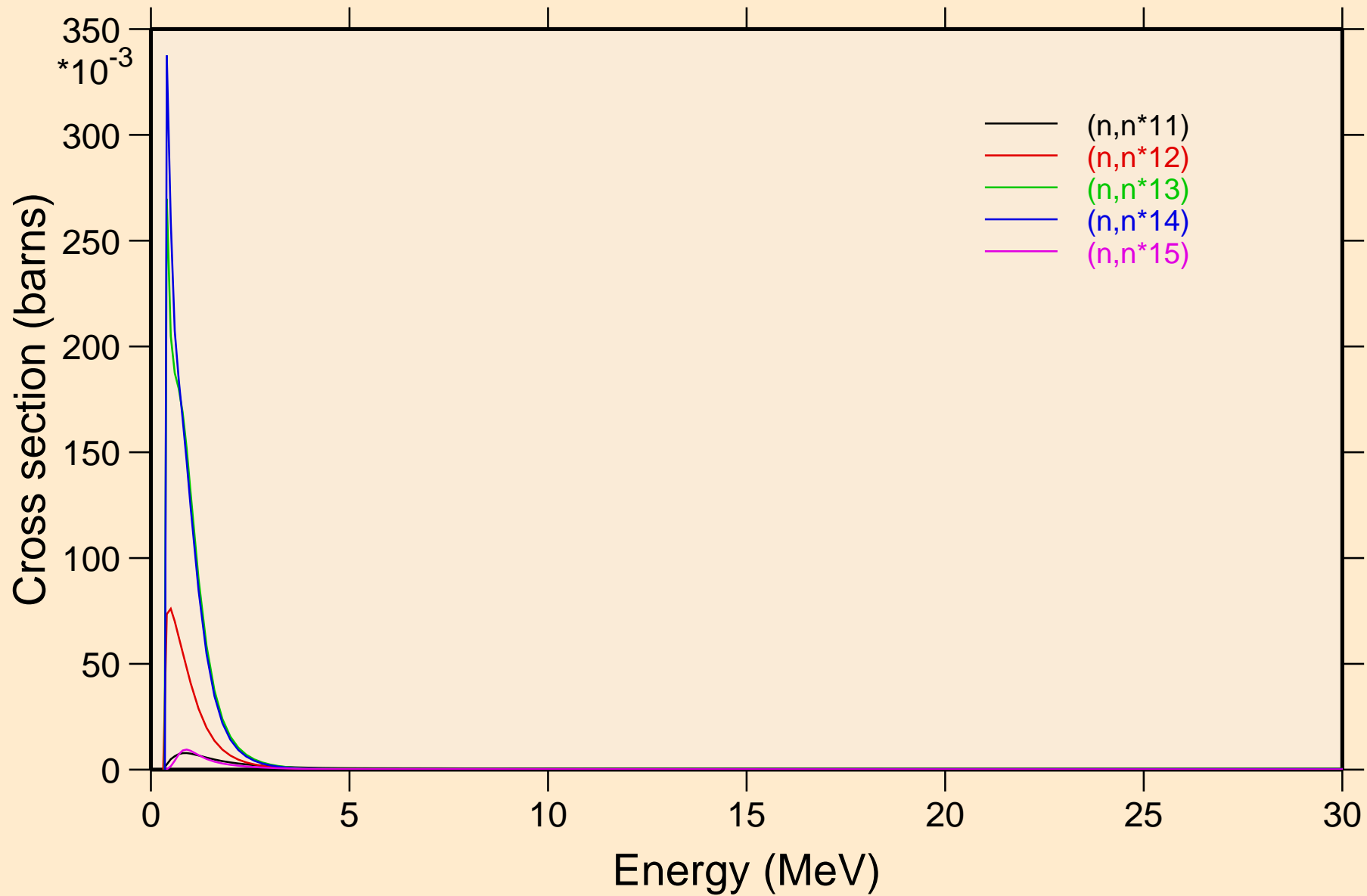
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

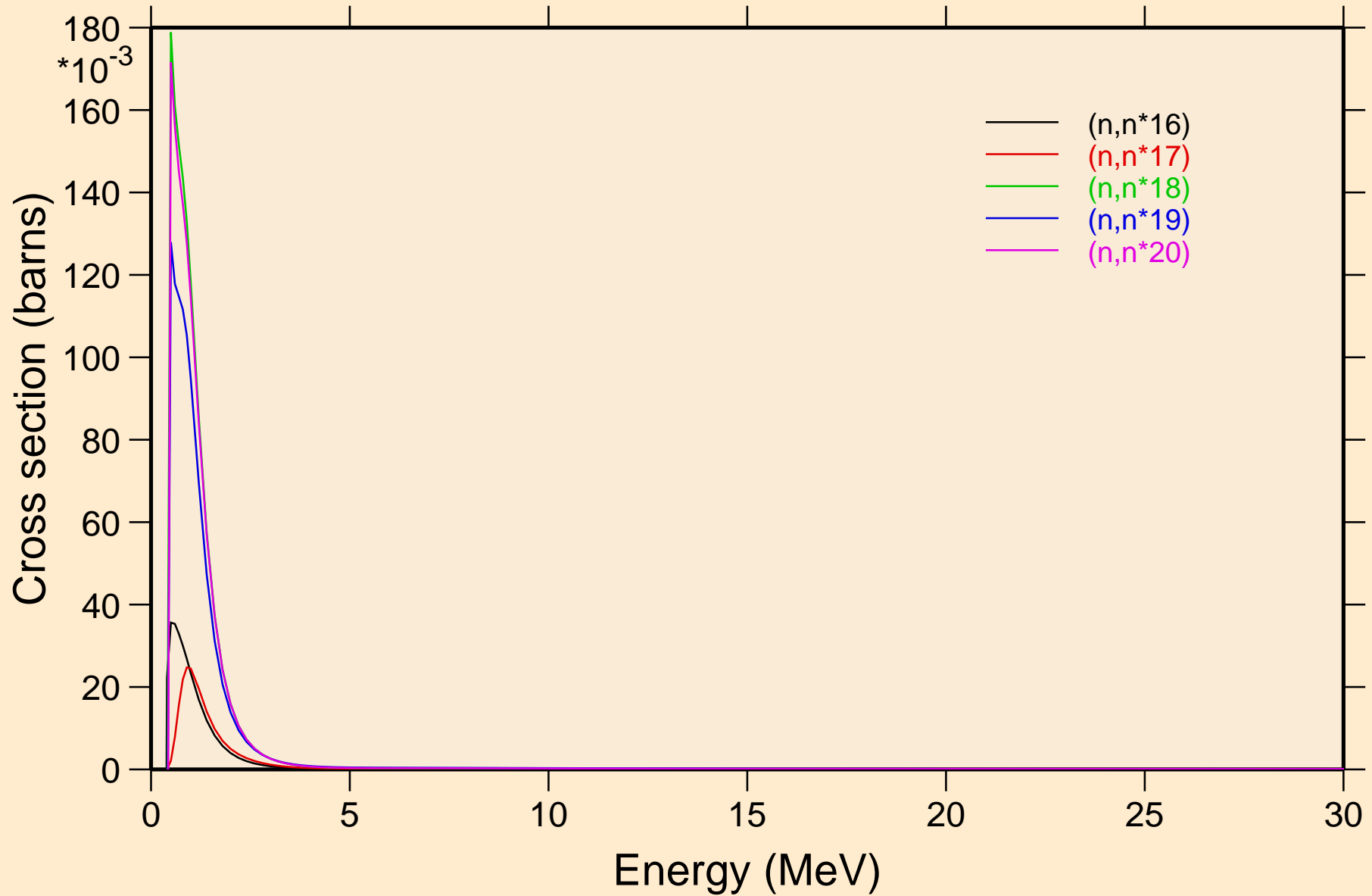


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

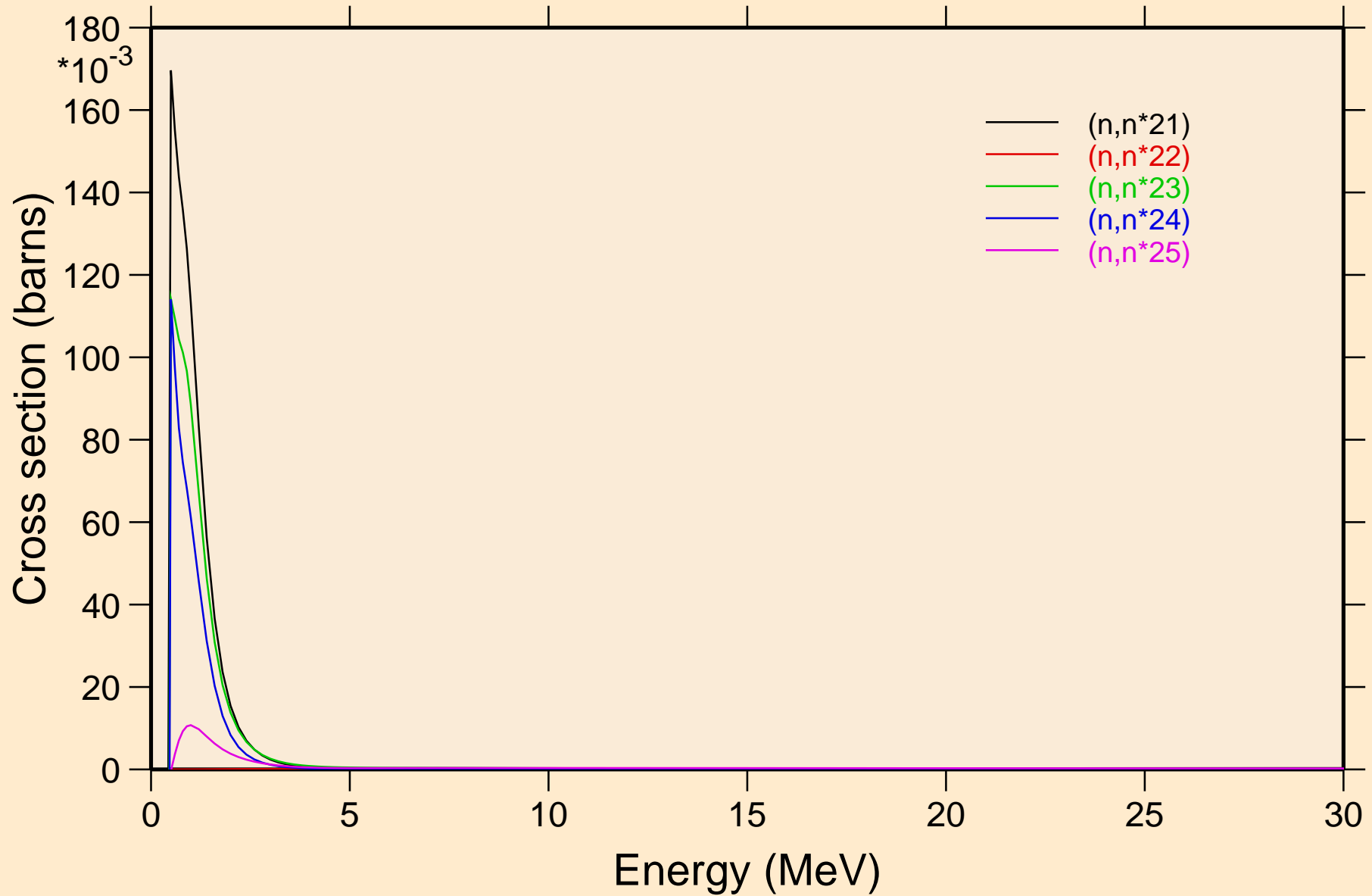


# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

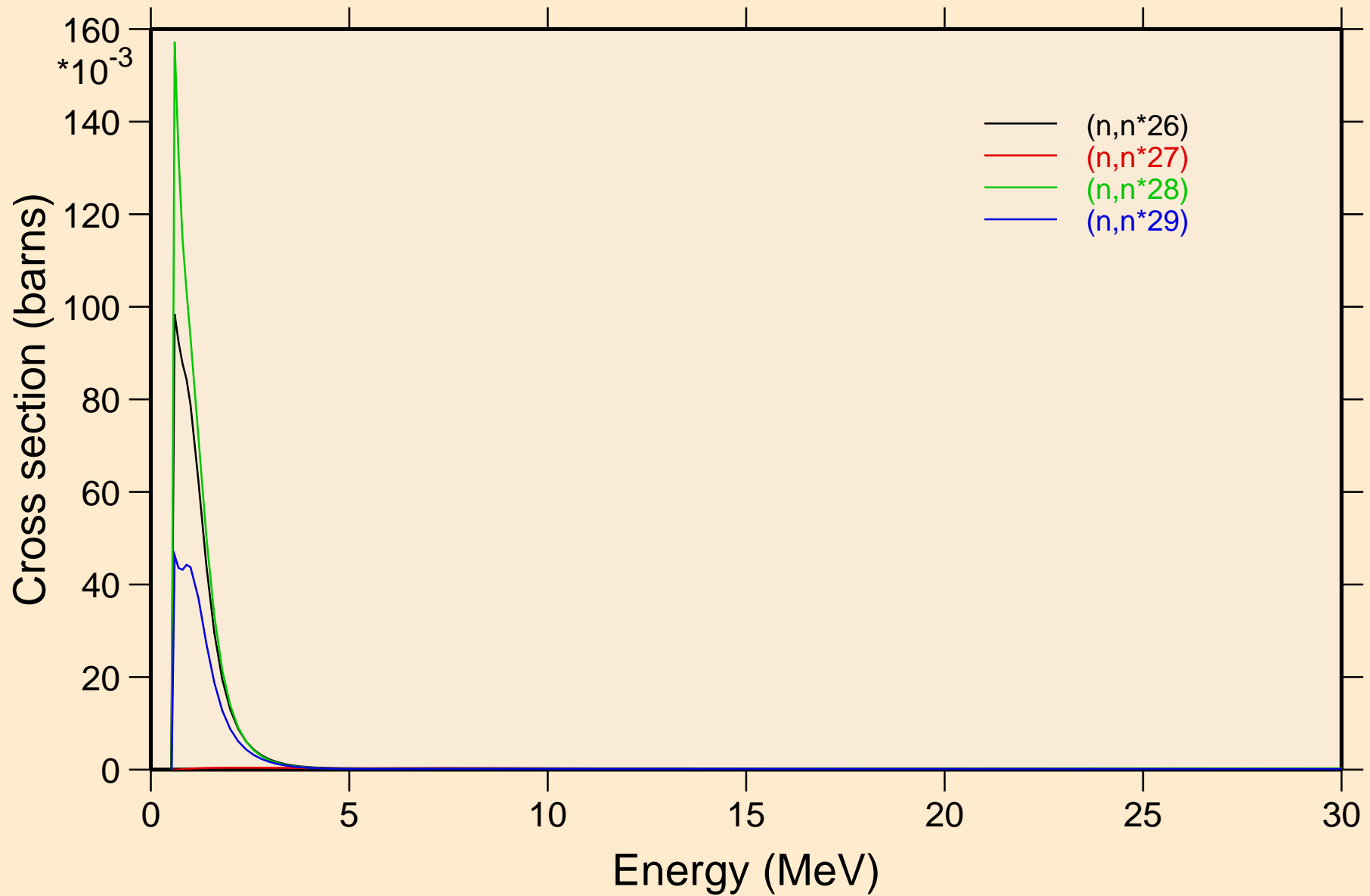
## Inelastic levels



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



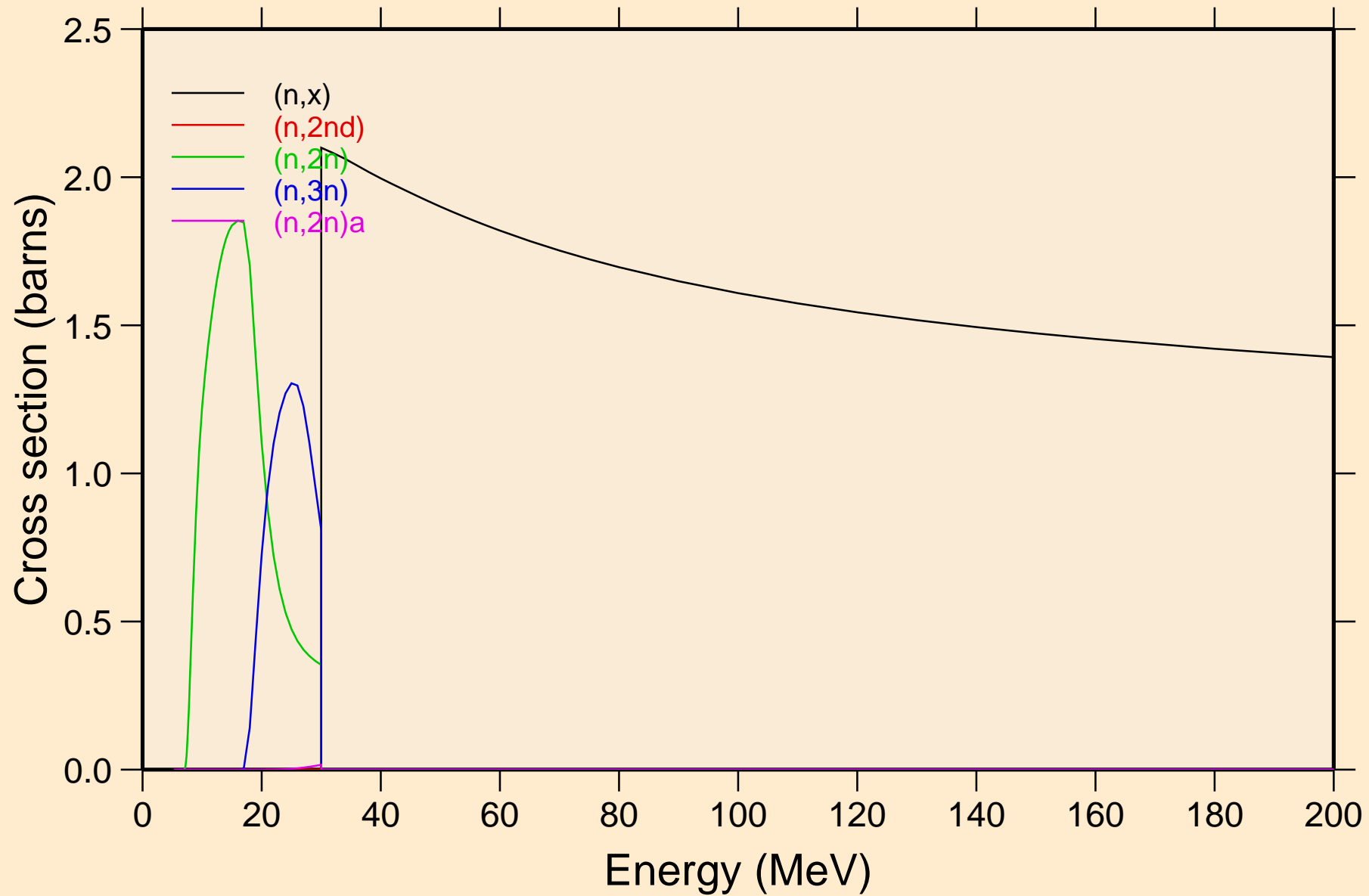
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



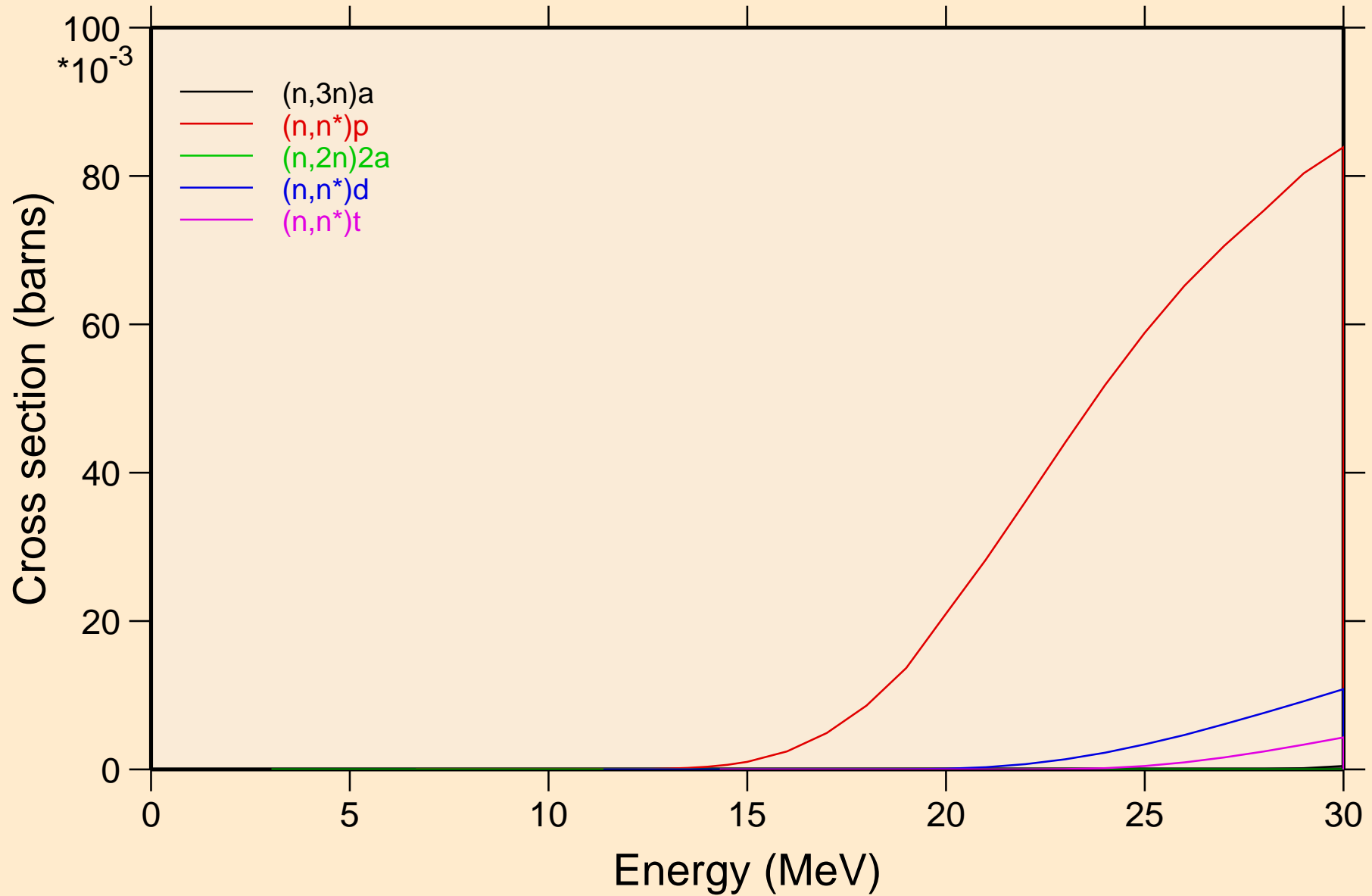


# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

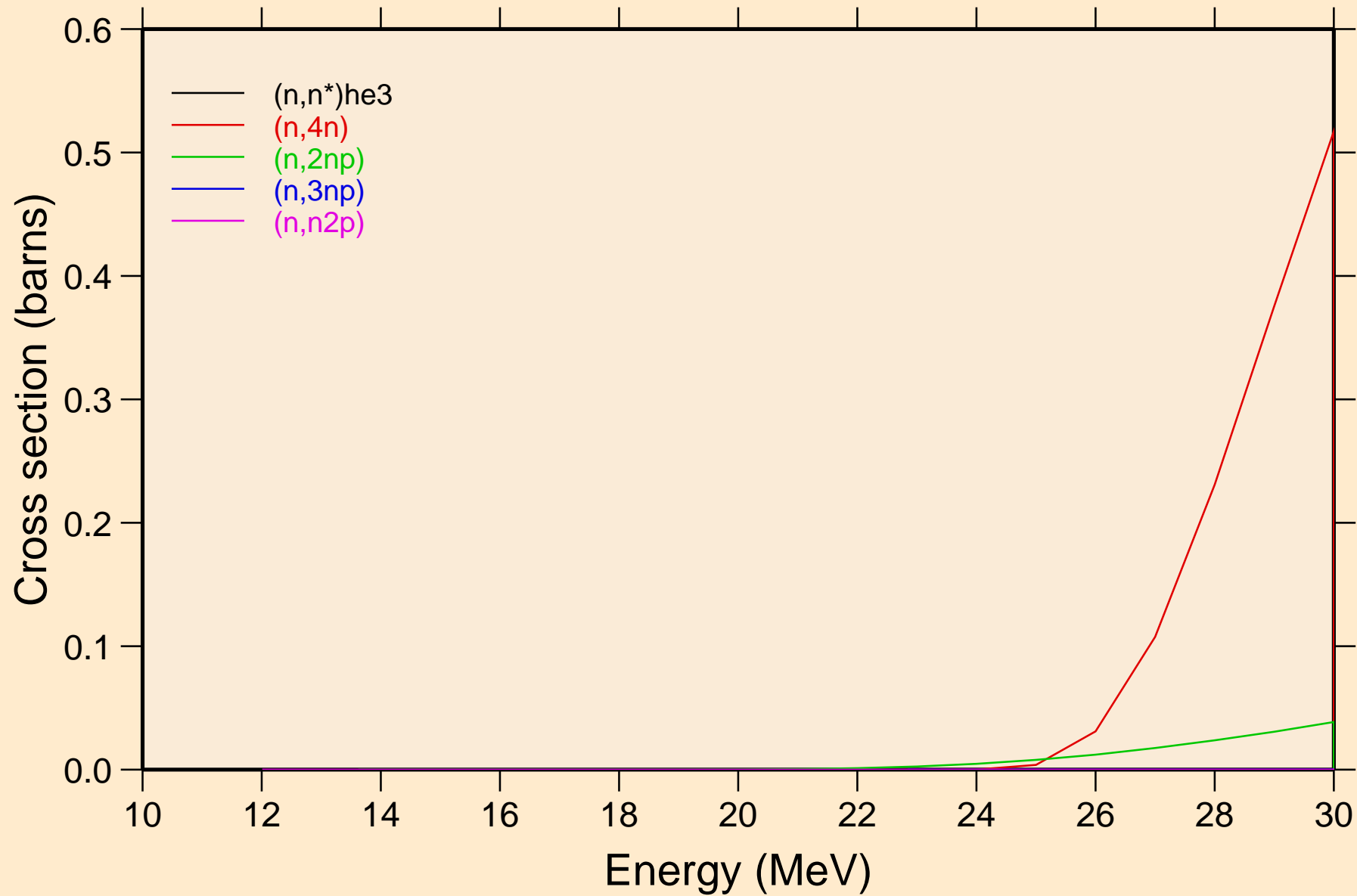
## Threshold reactions



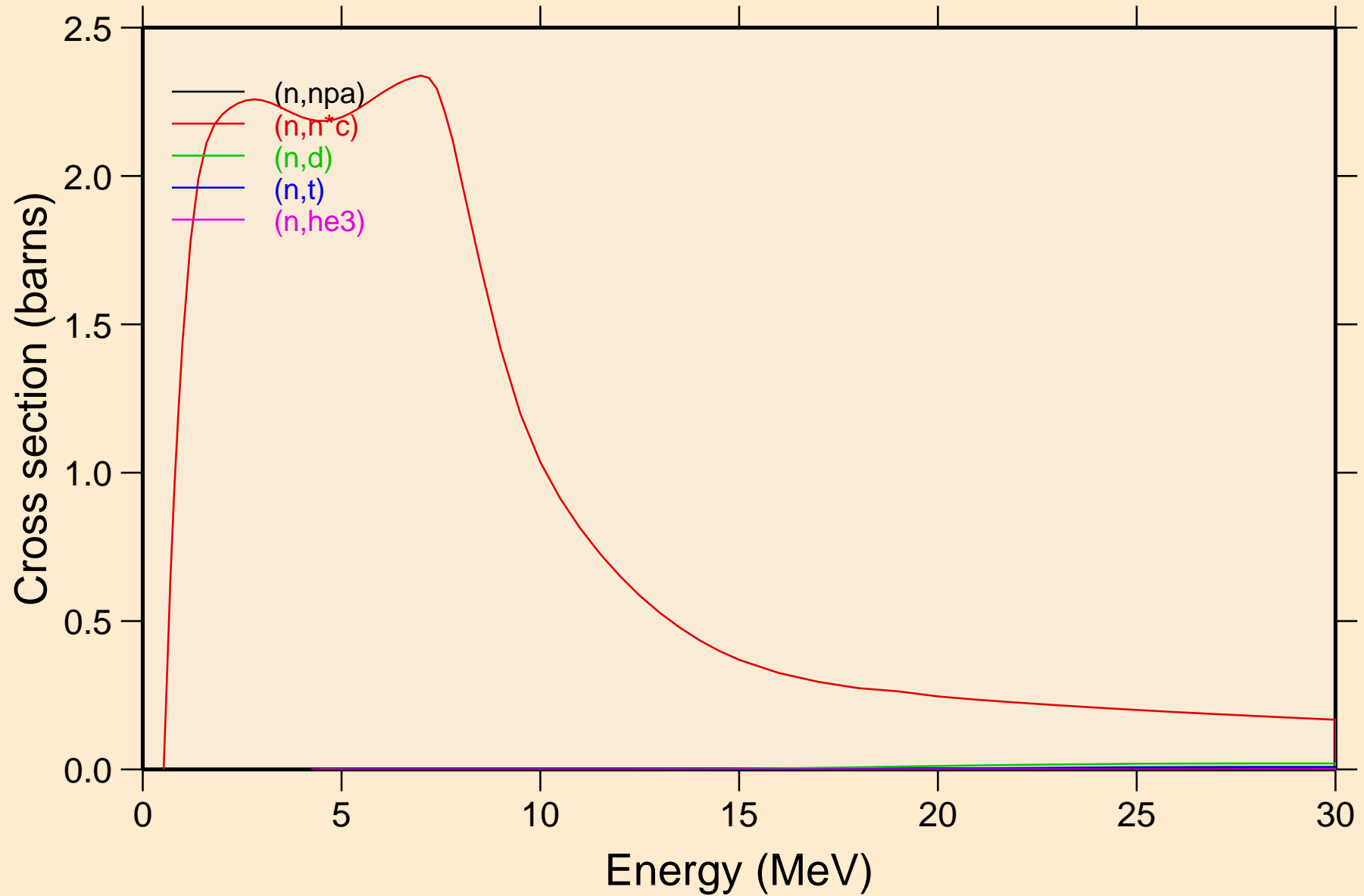
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



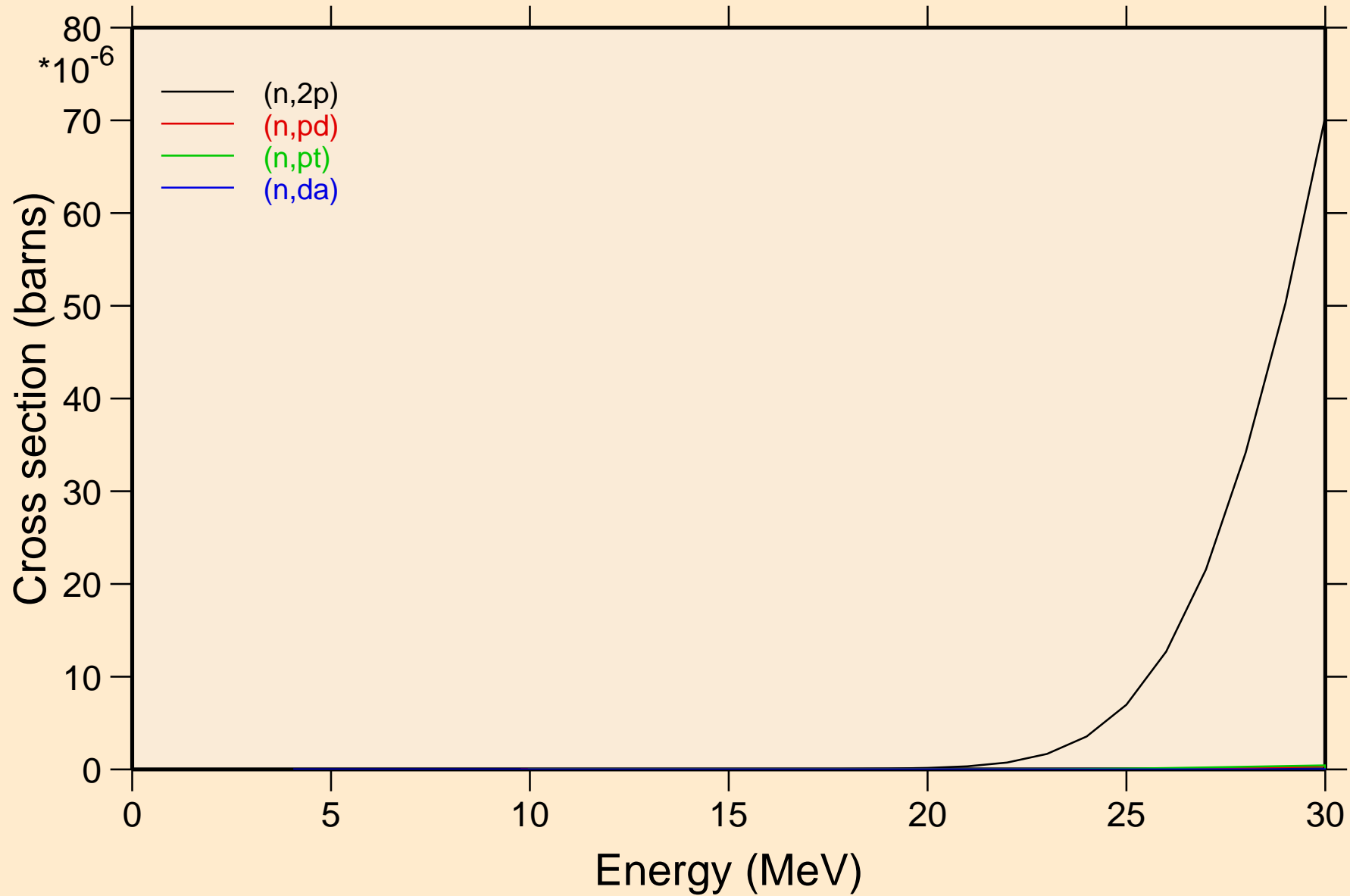
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

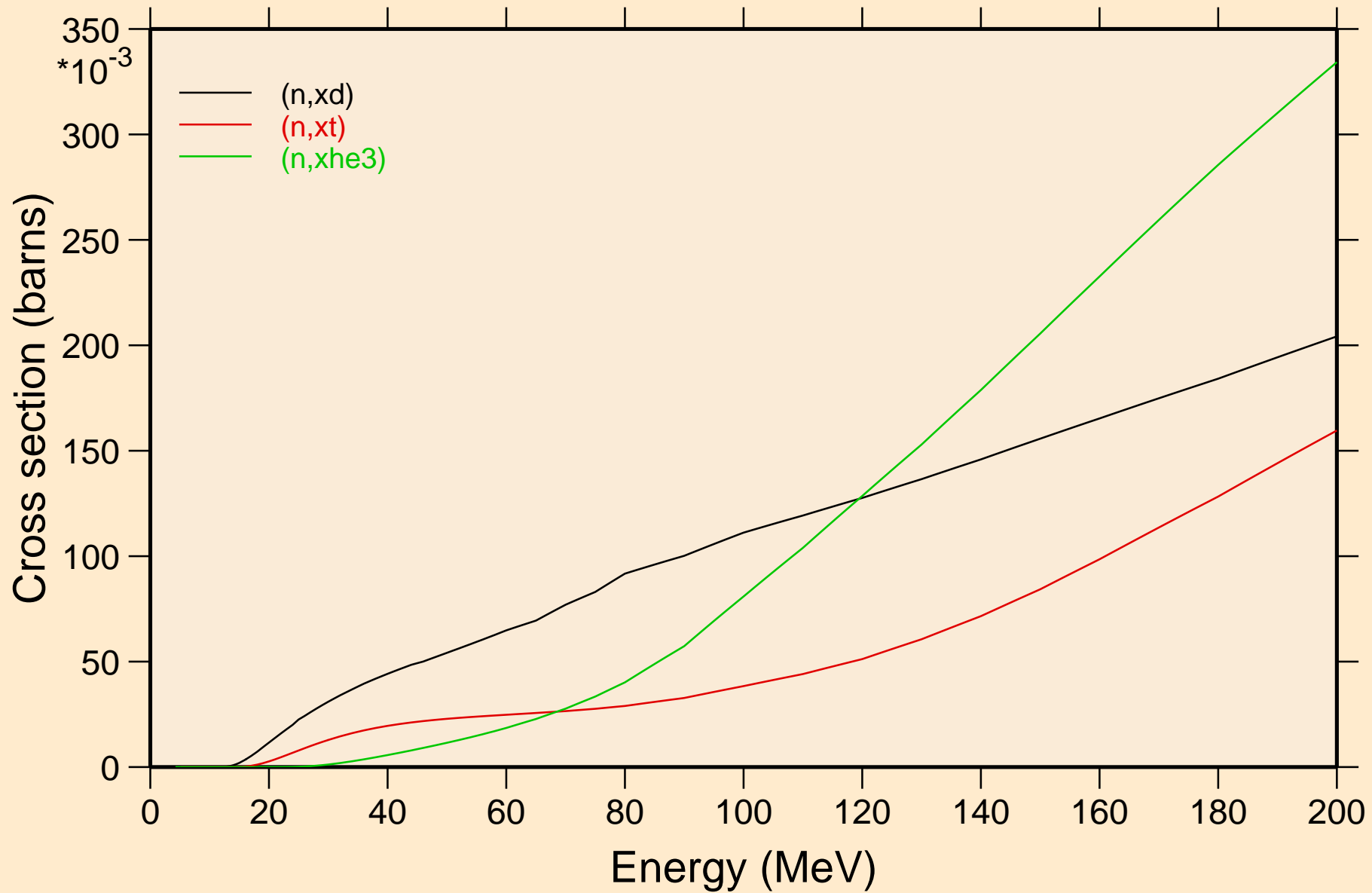


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

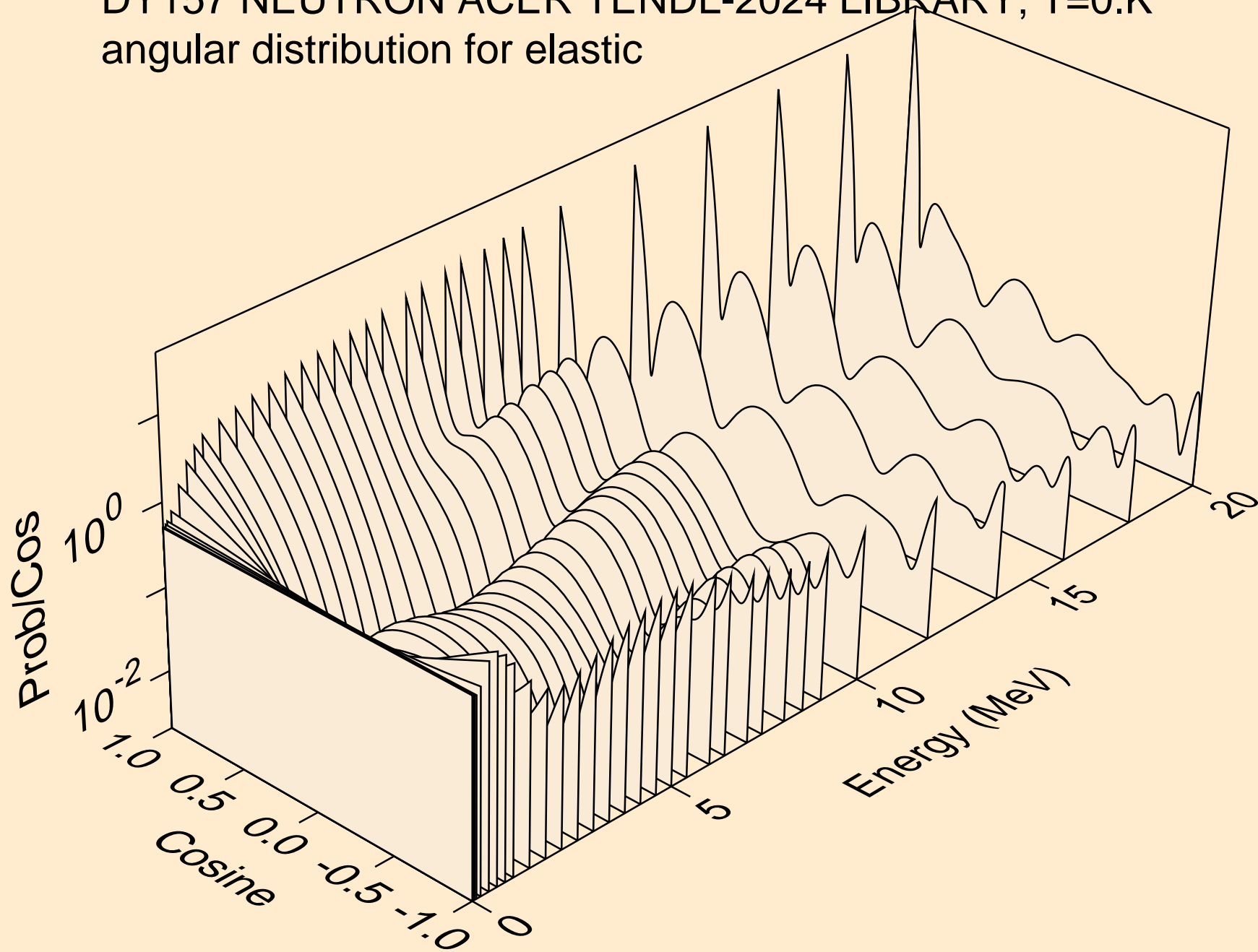


# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

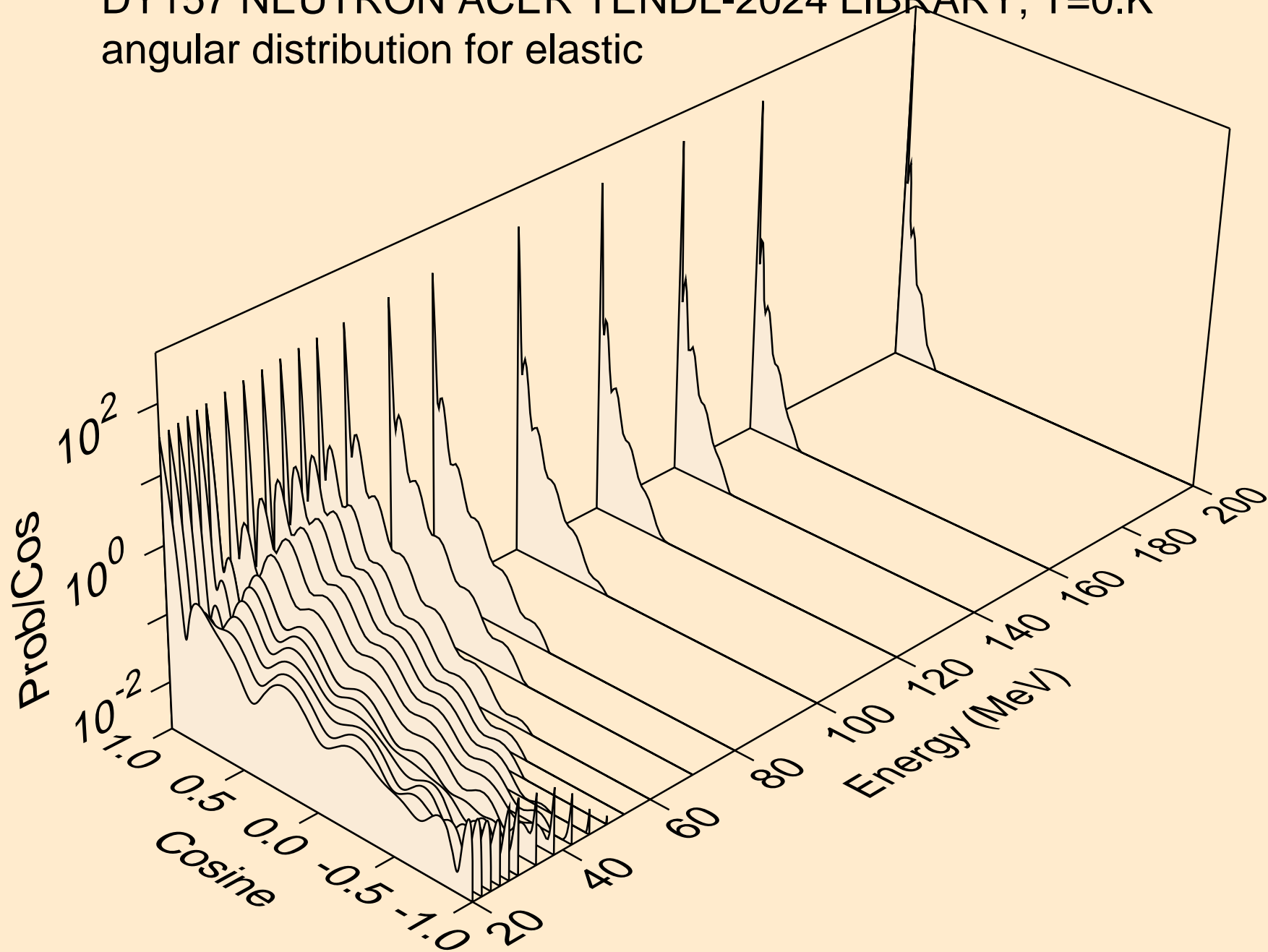
## Threshold reactions



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

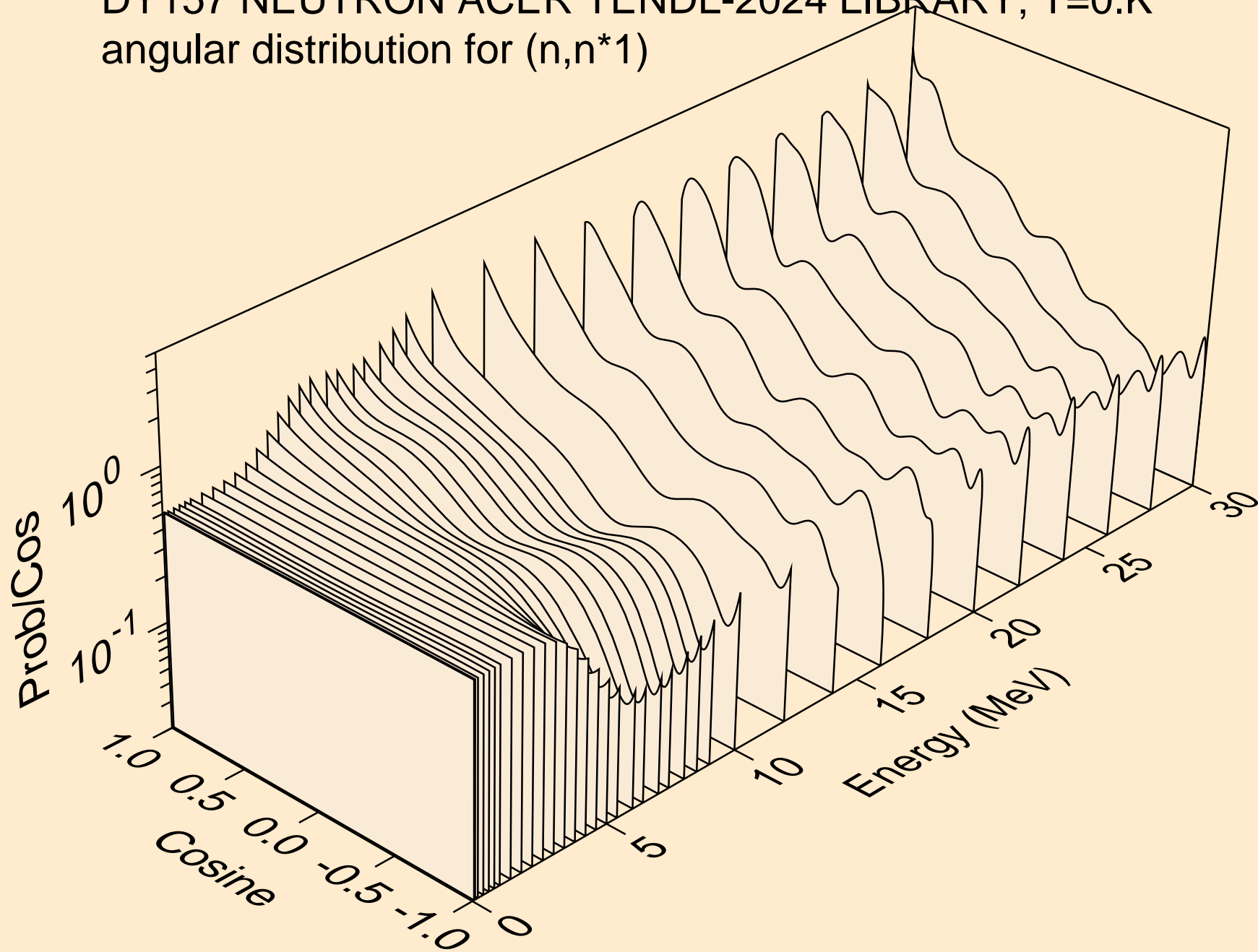


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

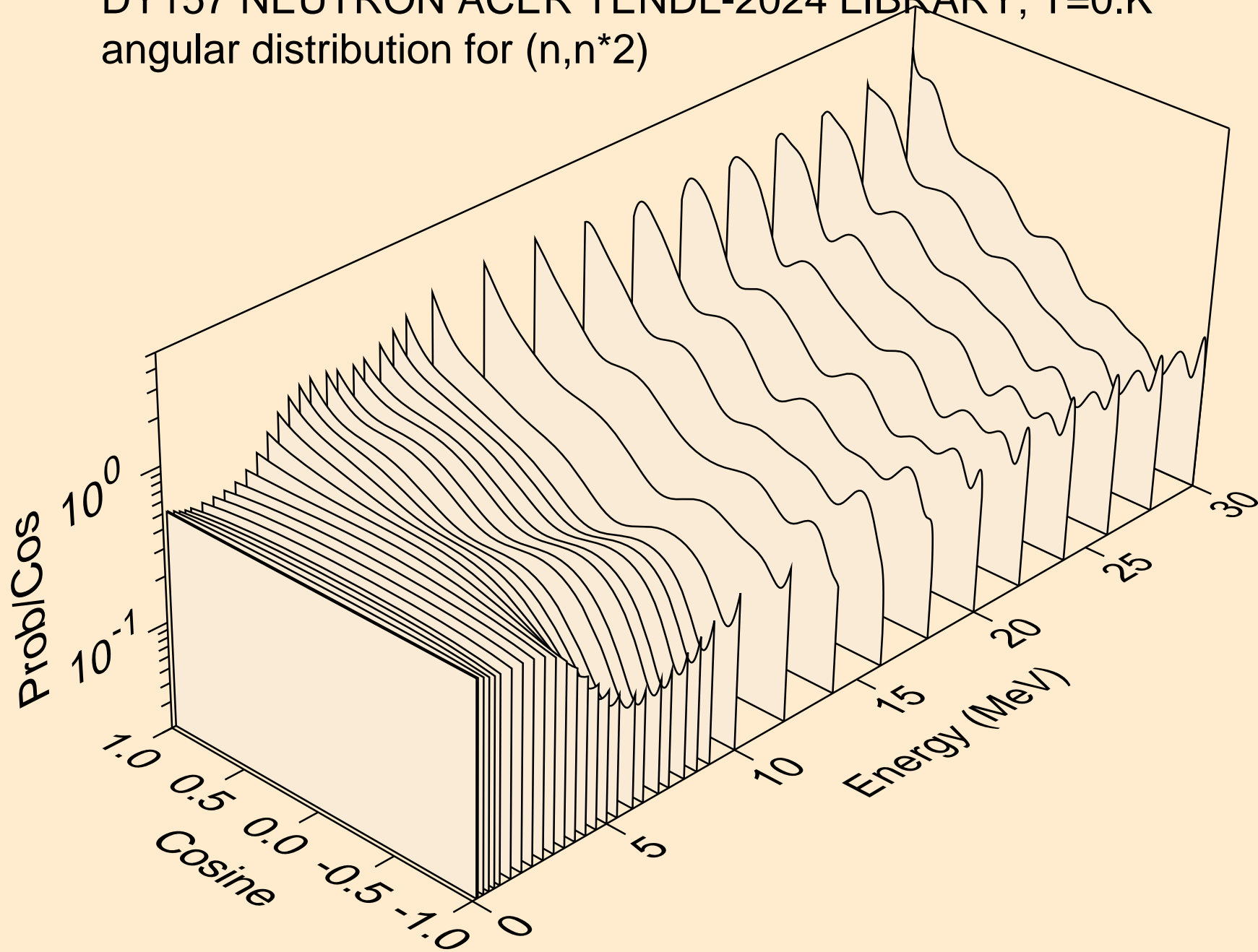




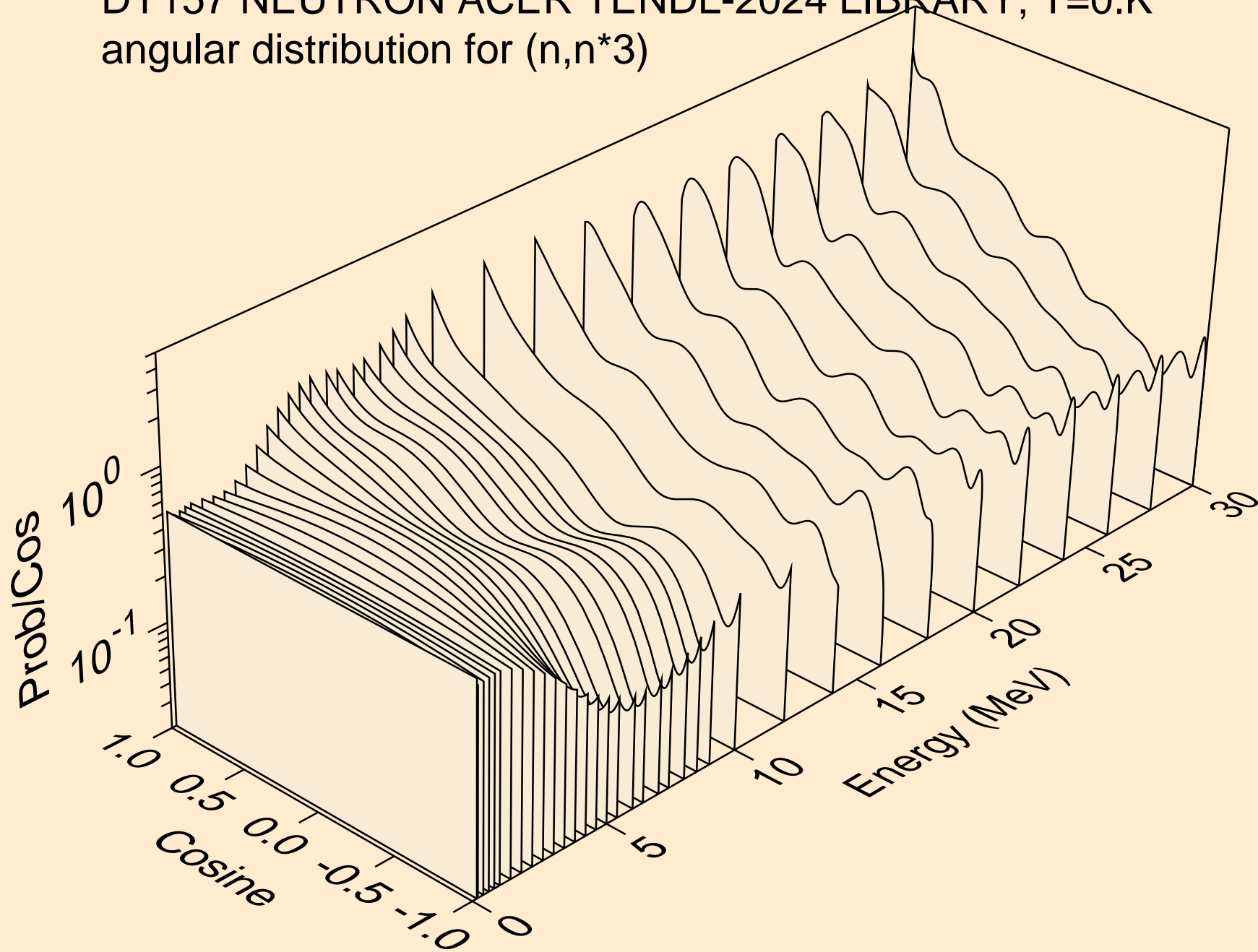
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



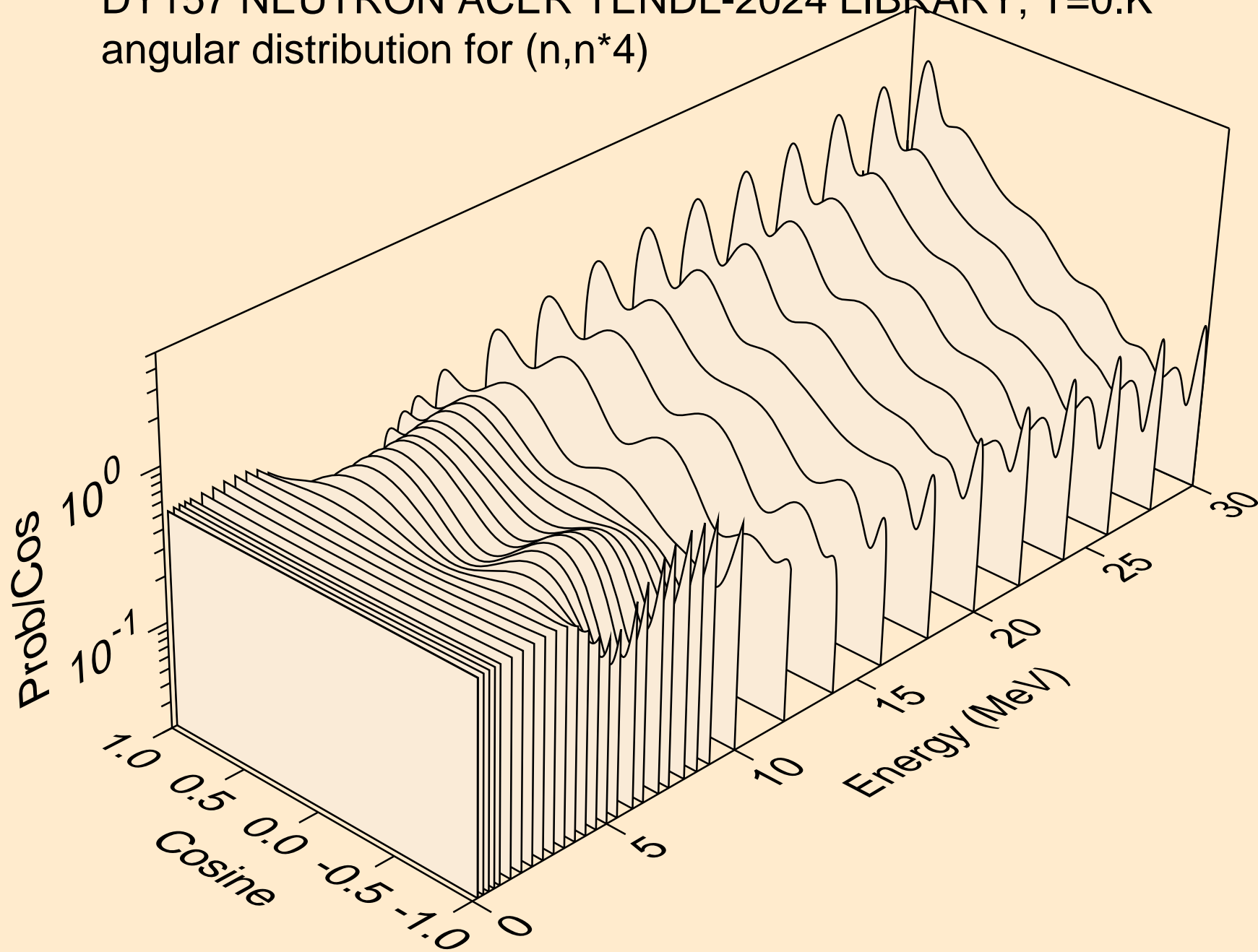
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



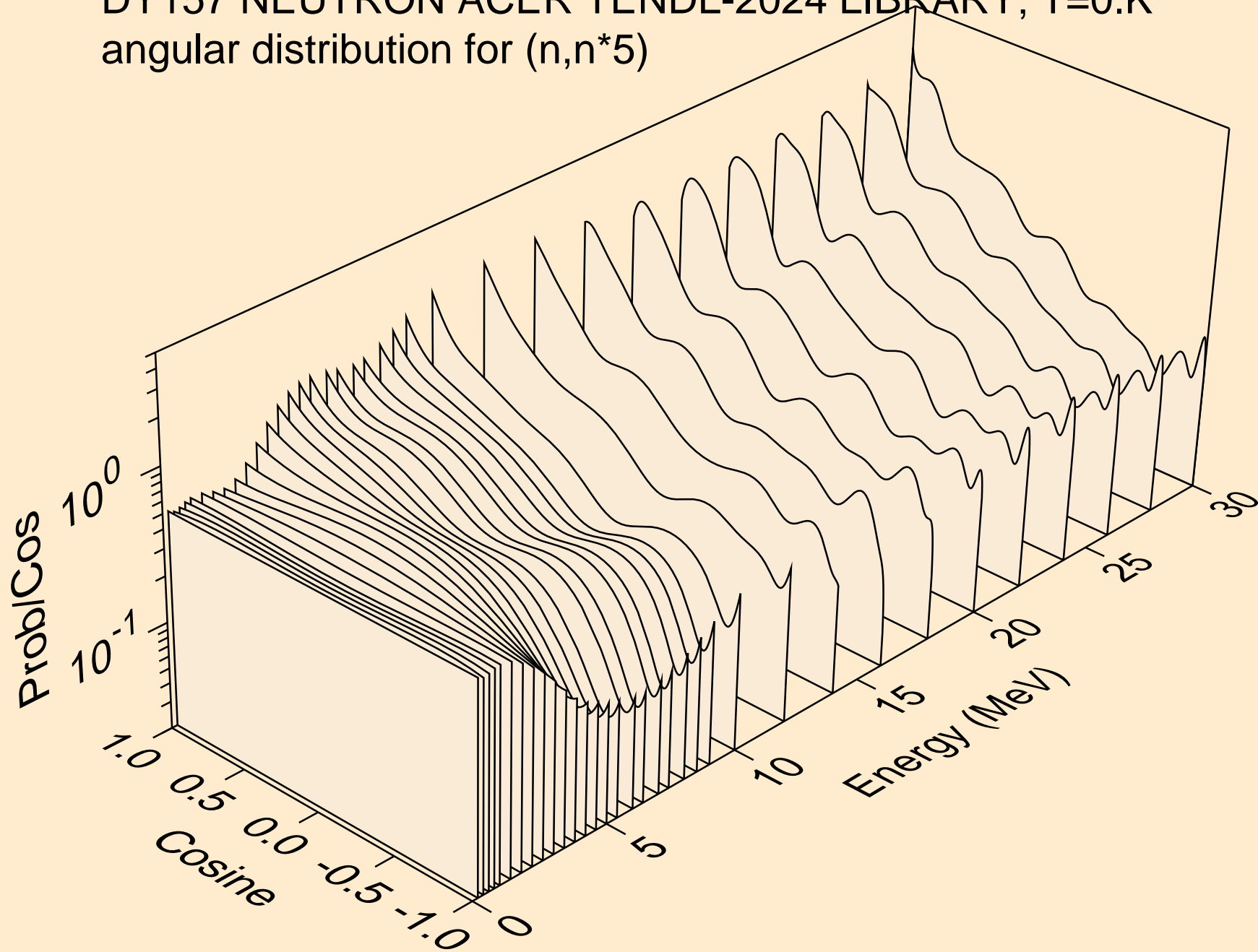
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



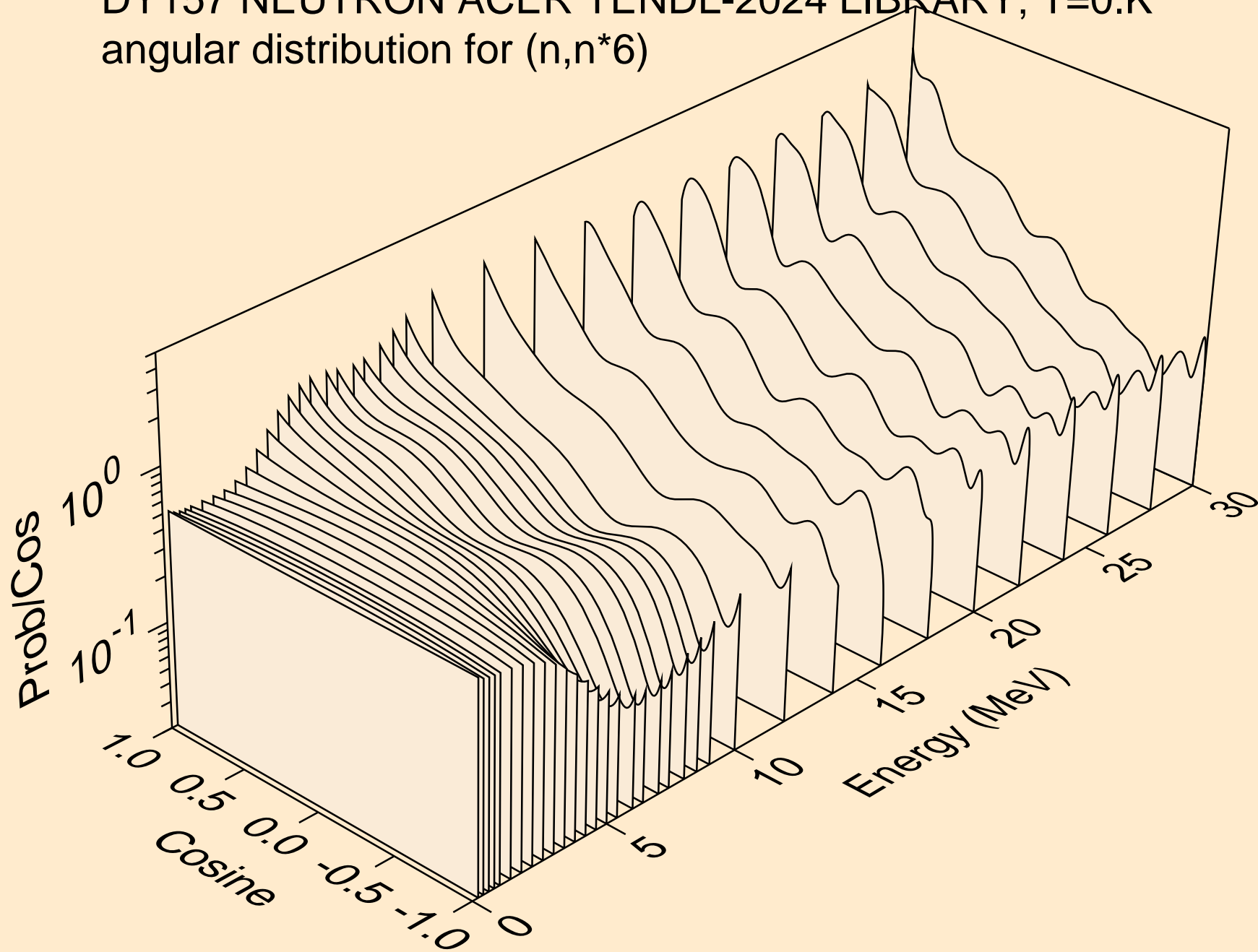
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



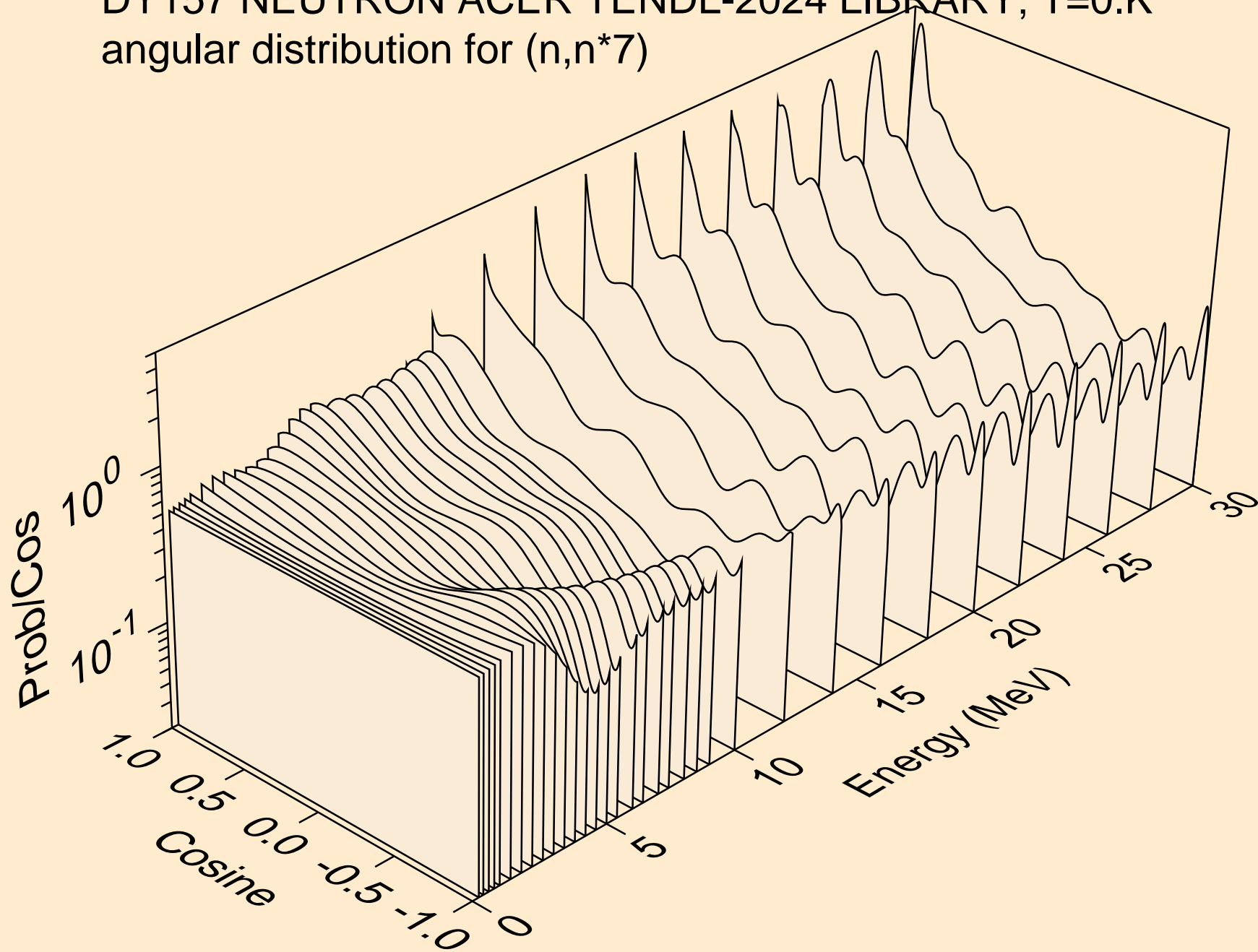
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

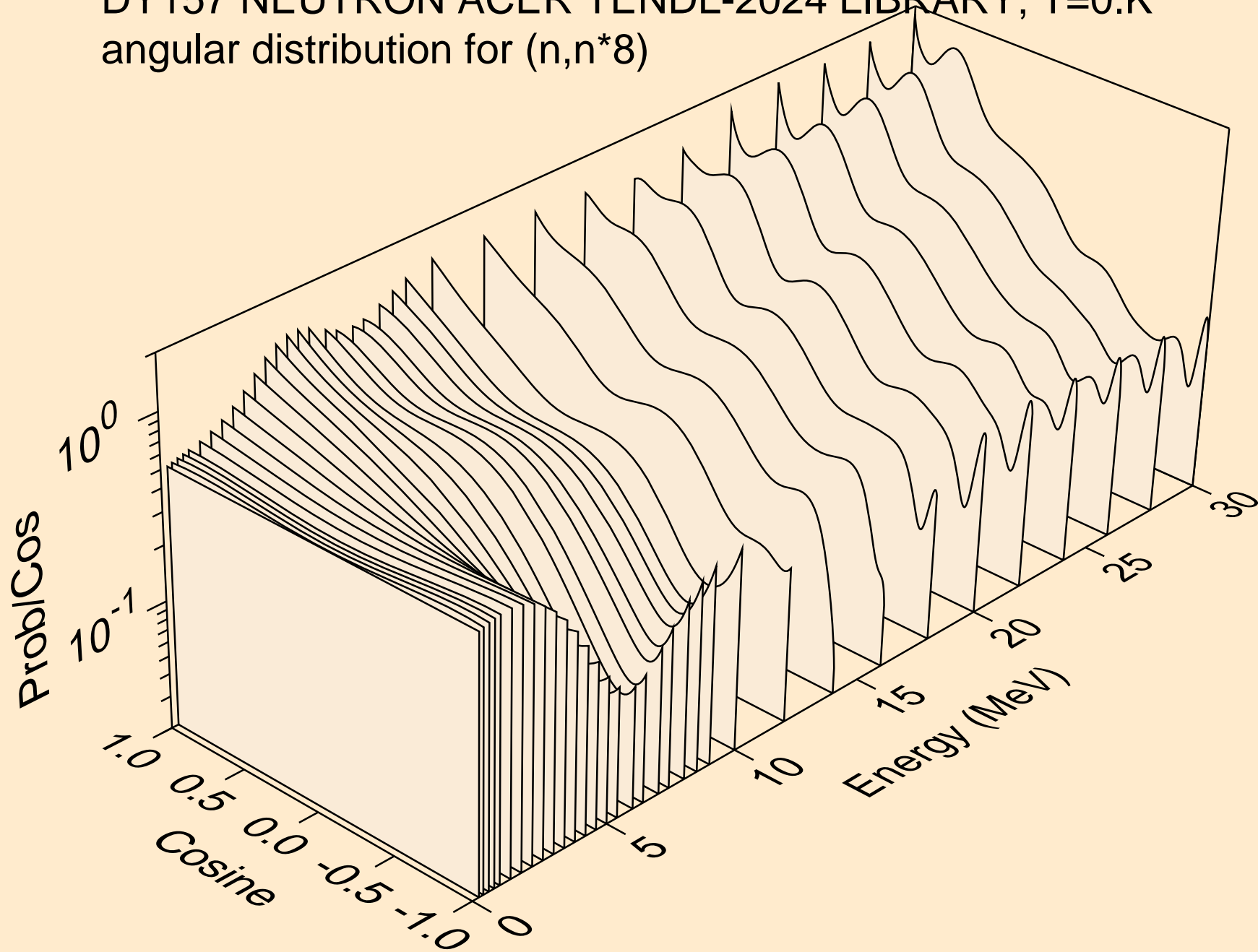


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



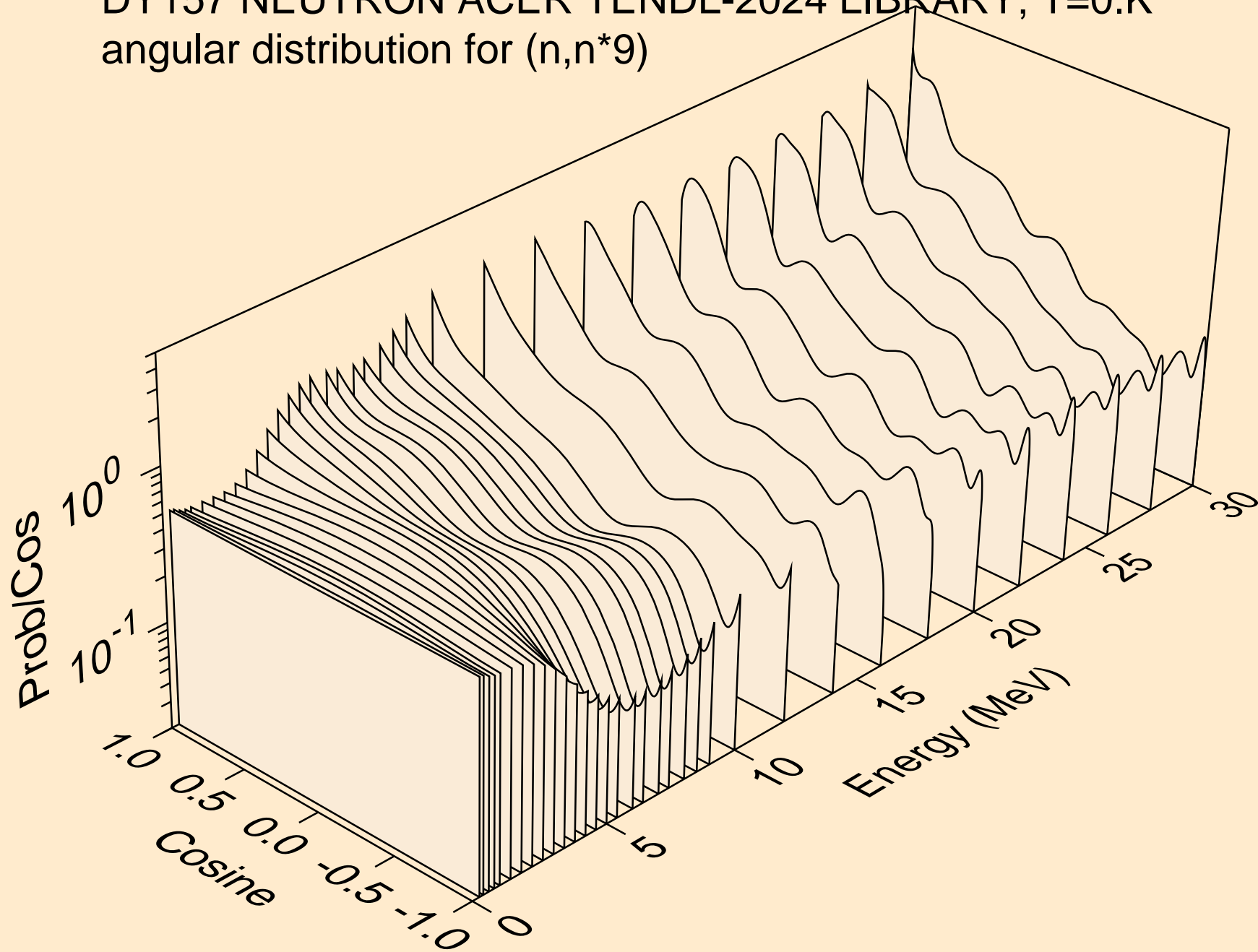


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

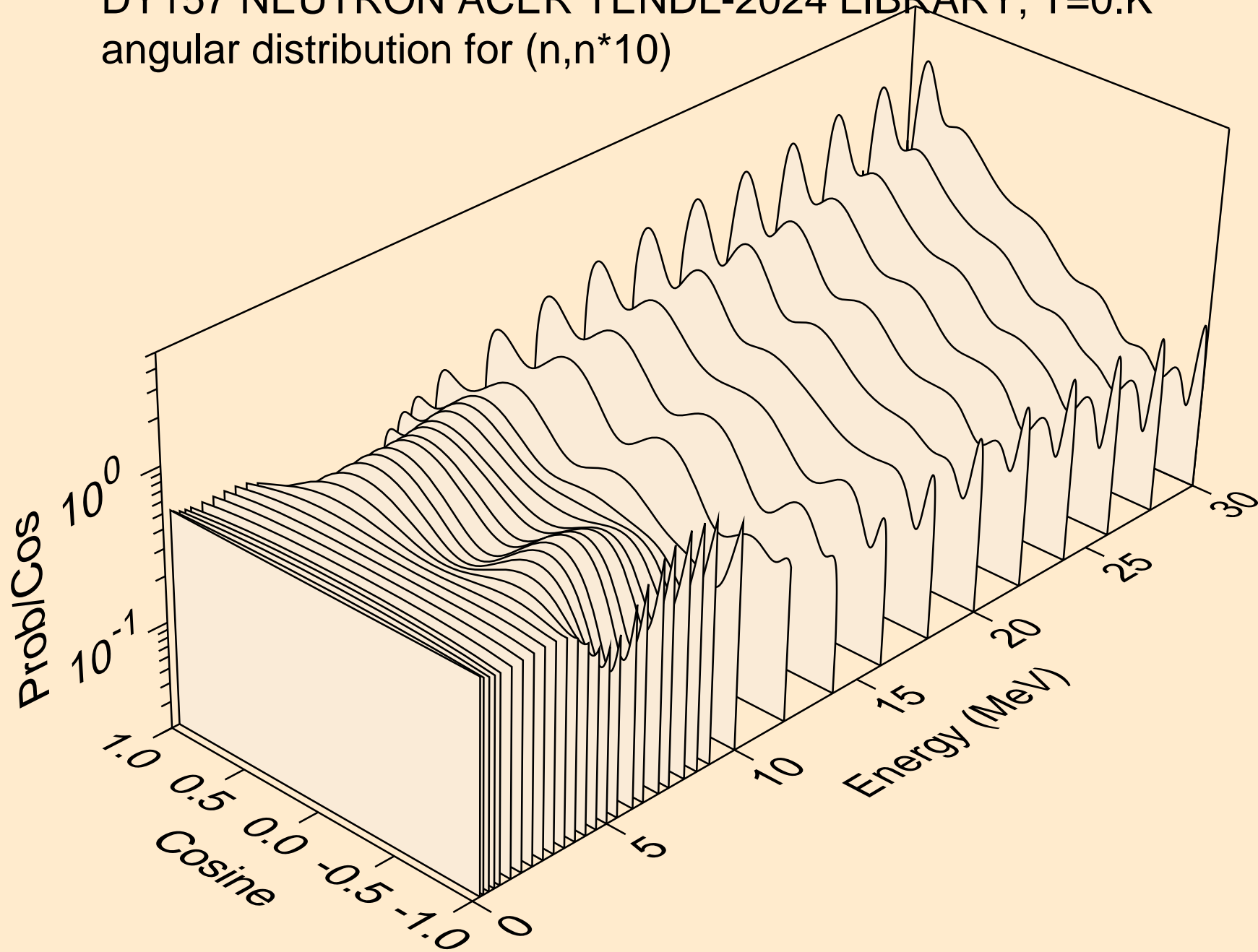




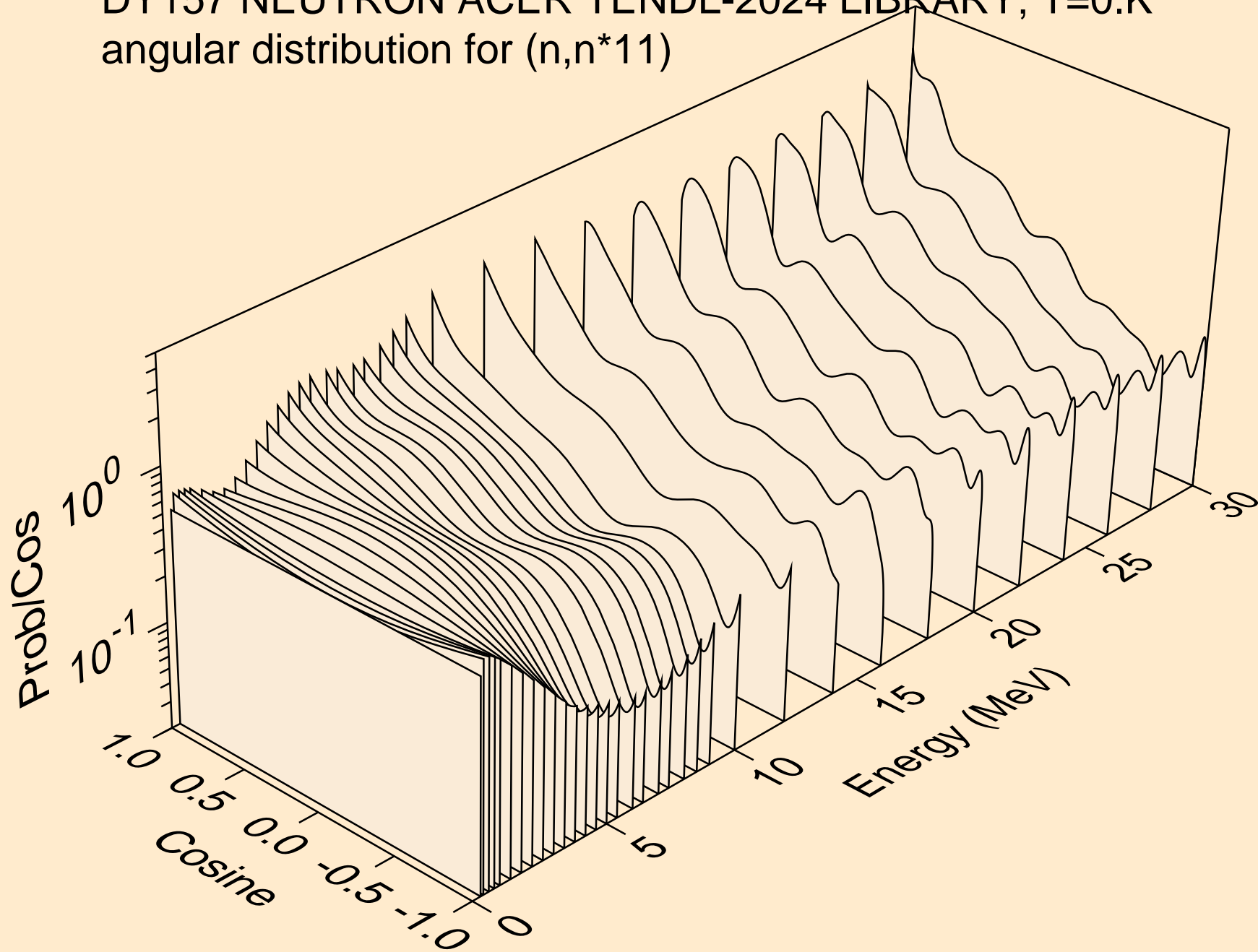
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



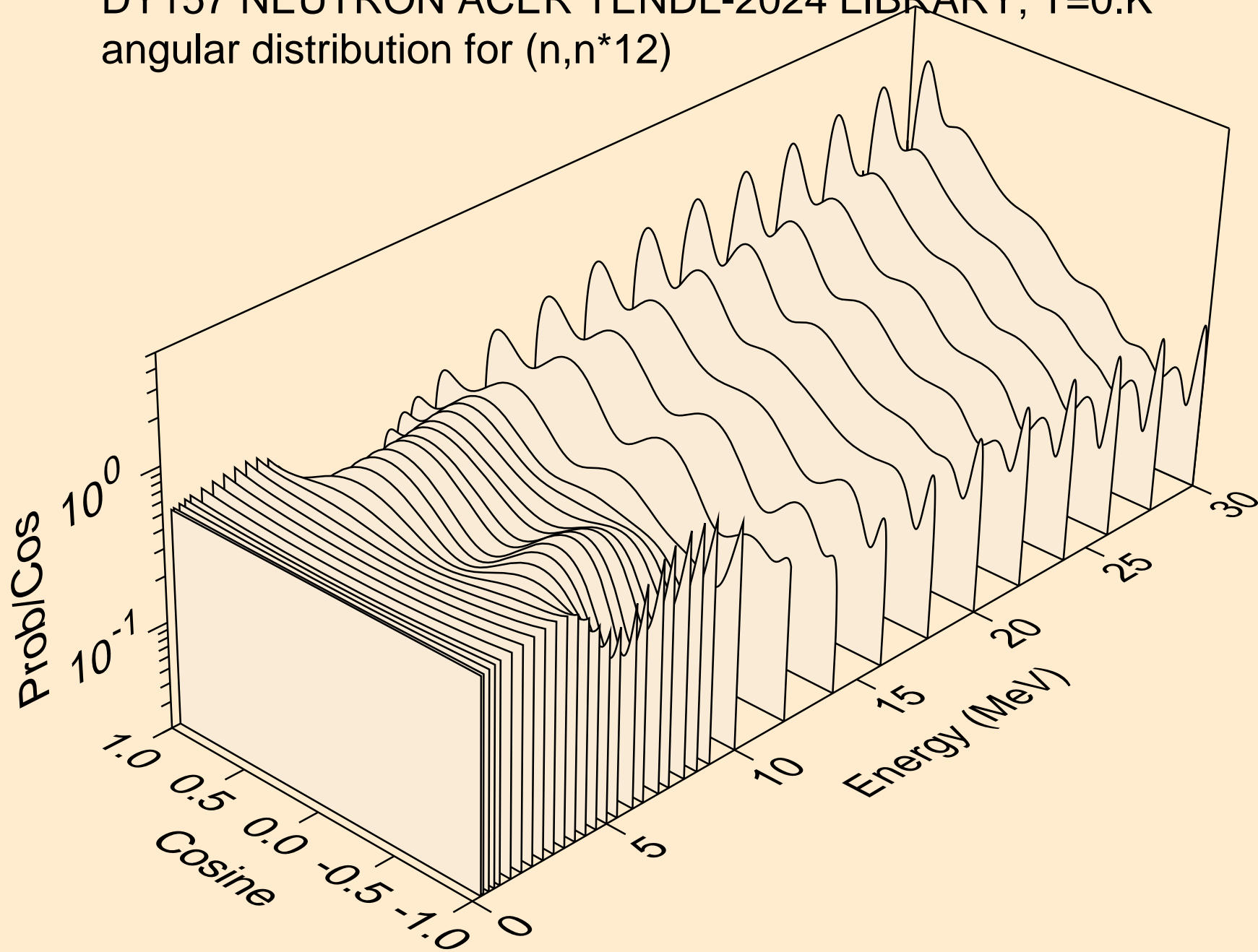
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



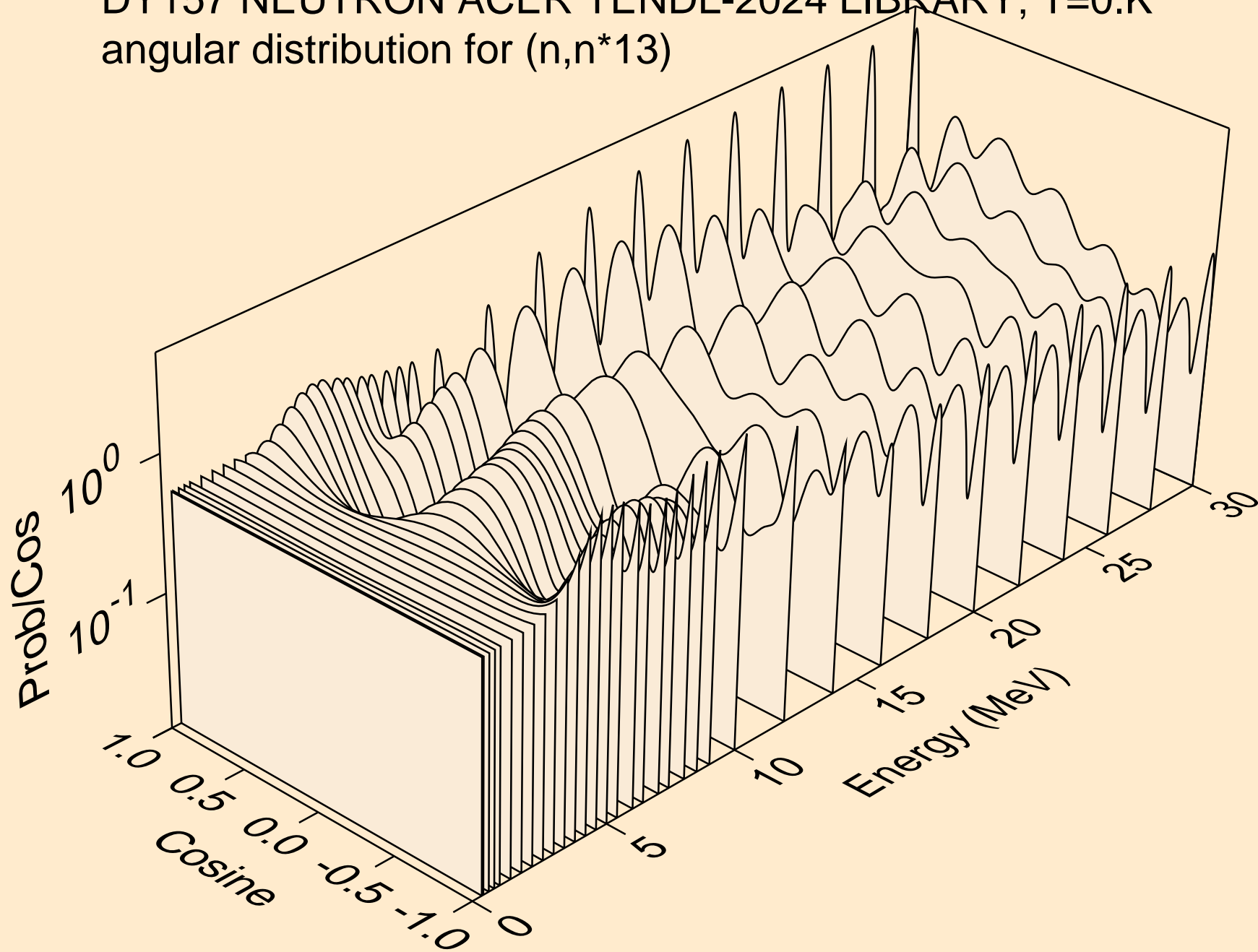
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



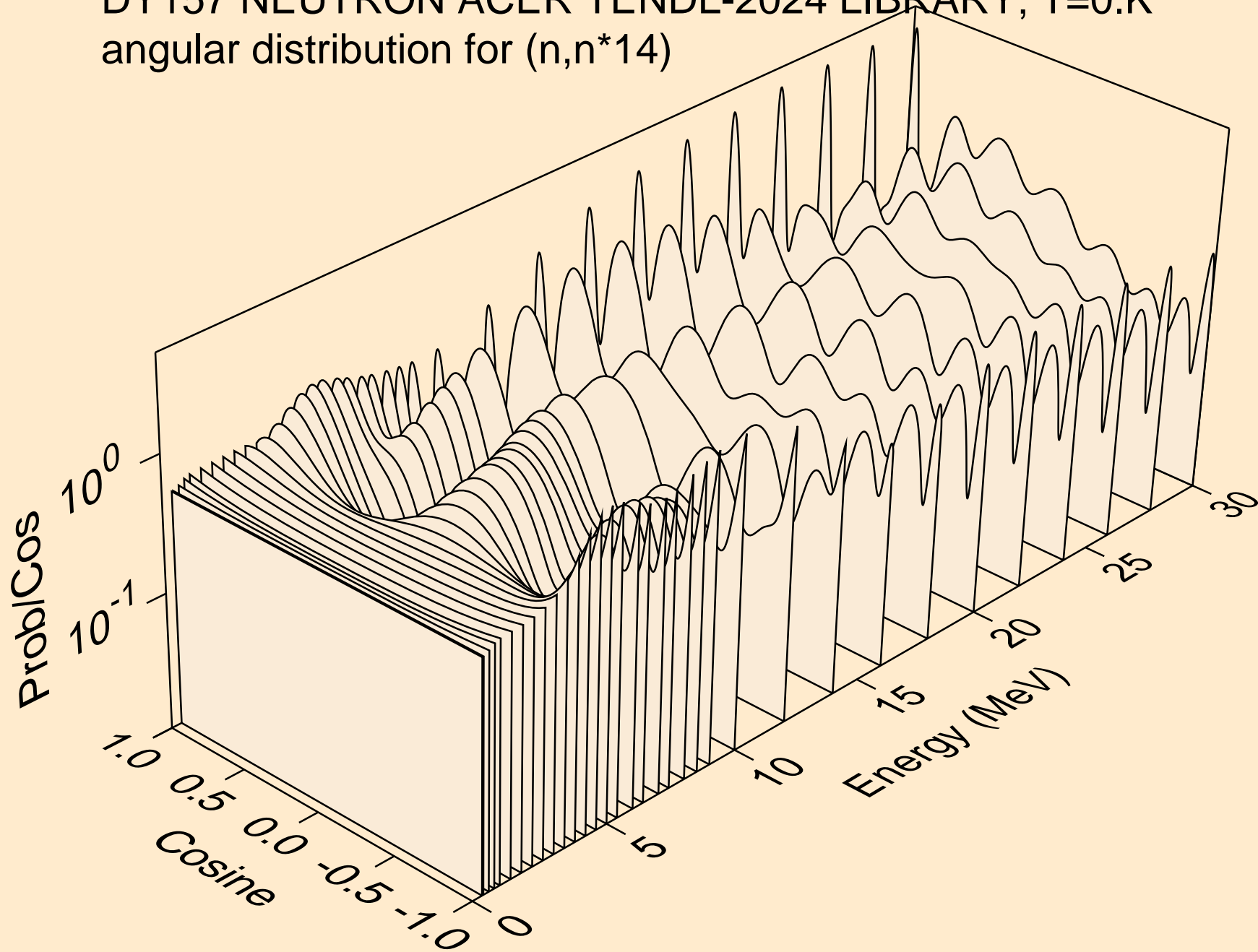
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



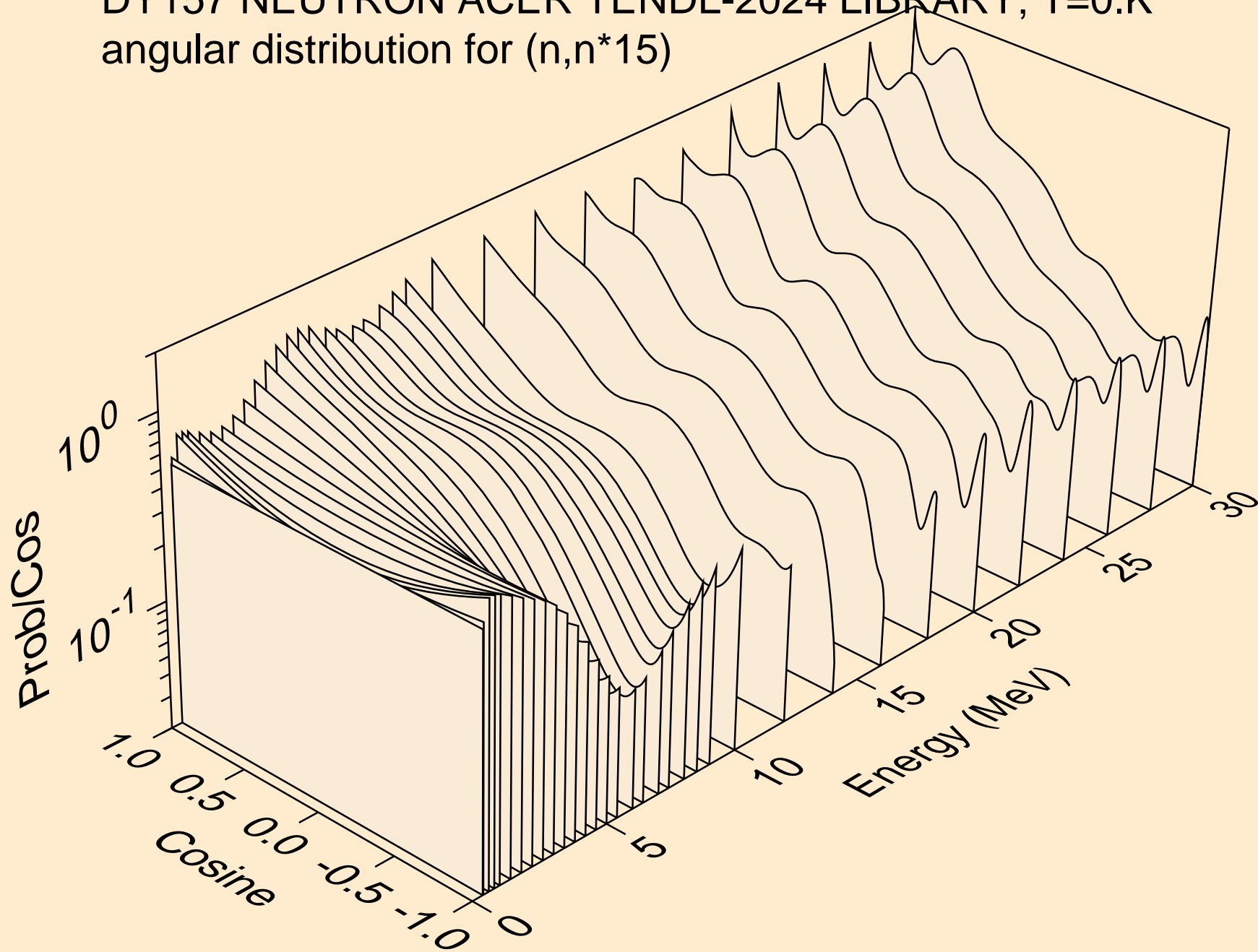
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

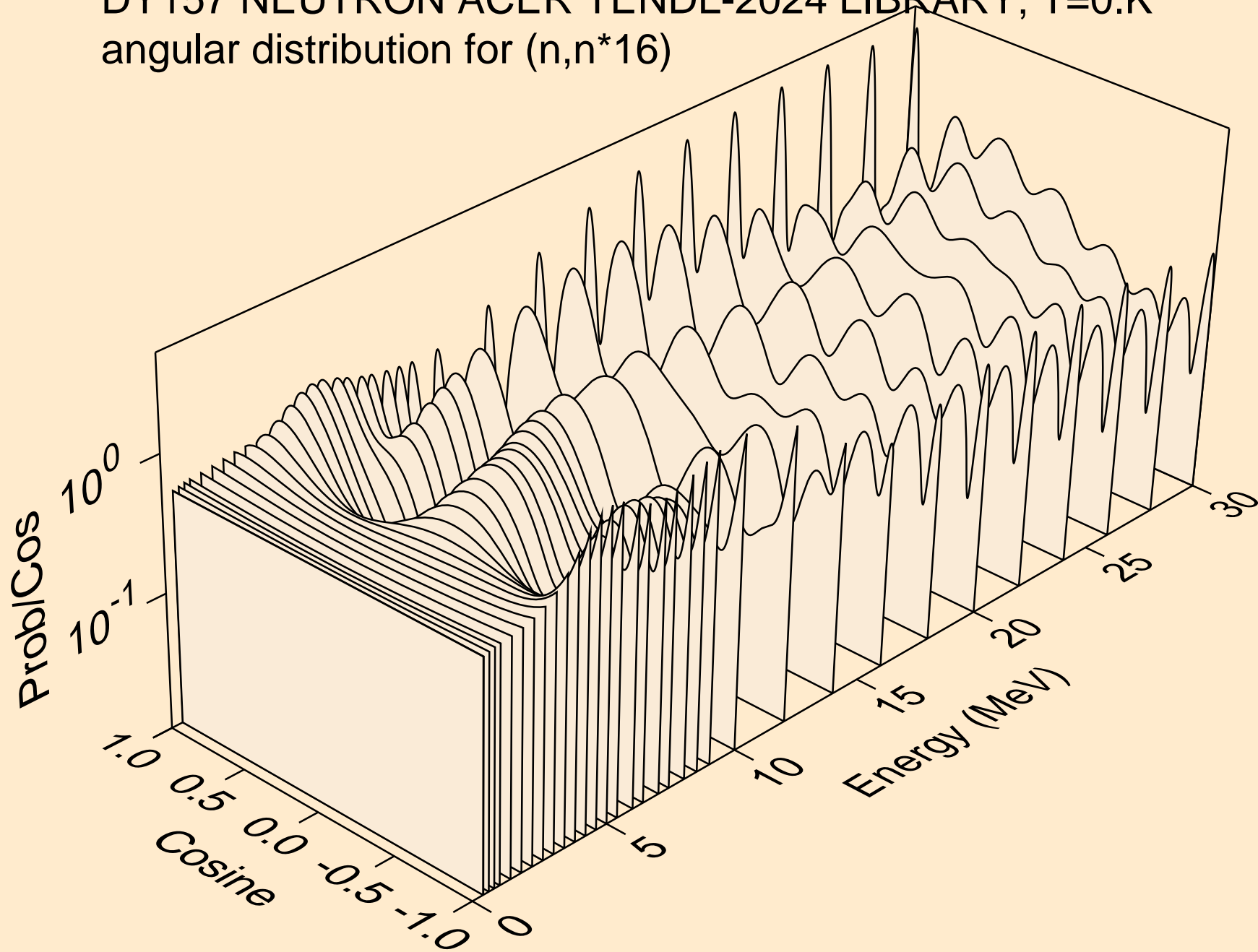


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



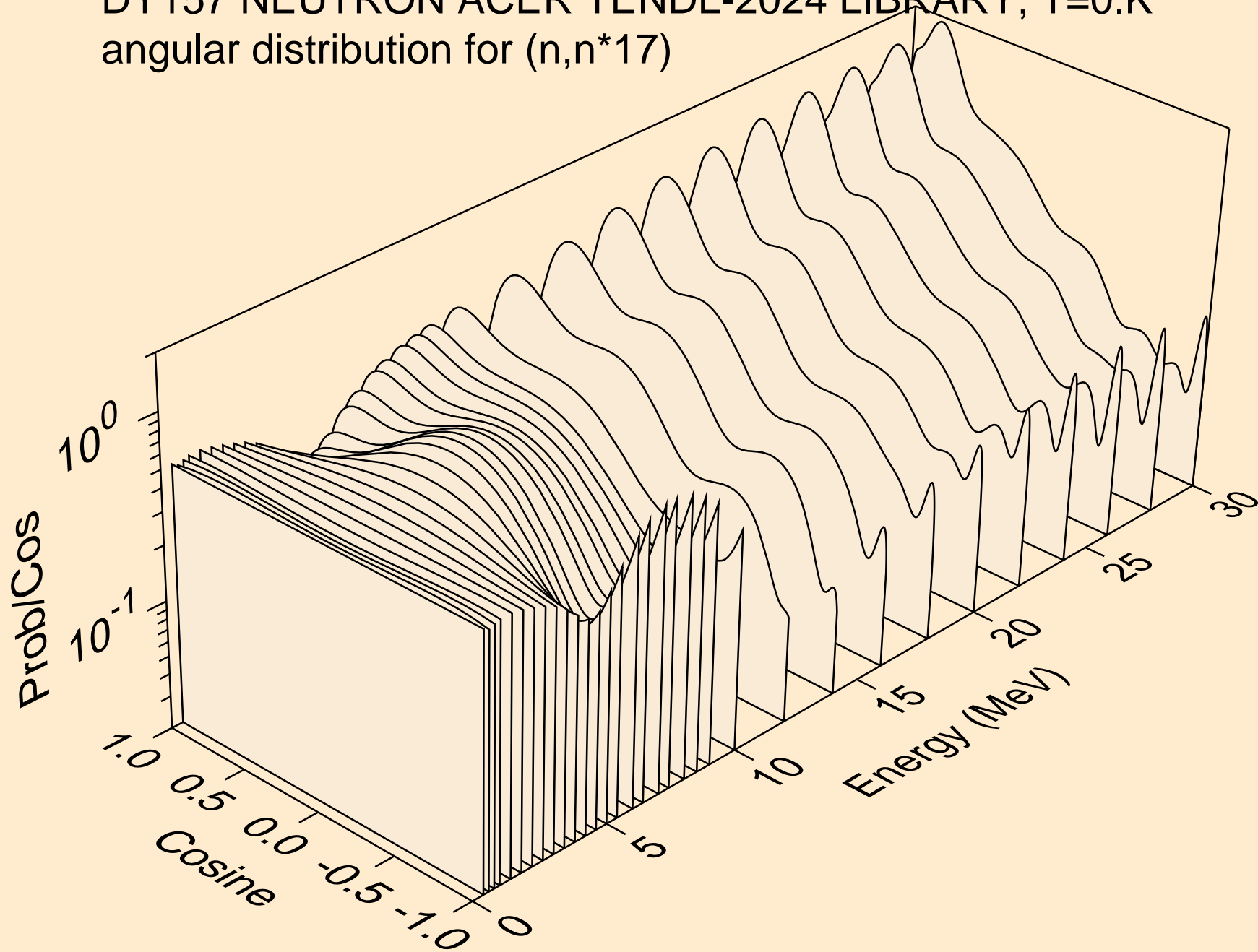


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

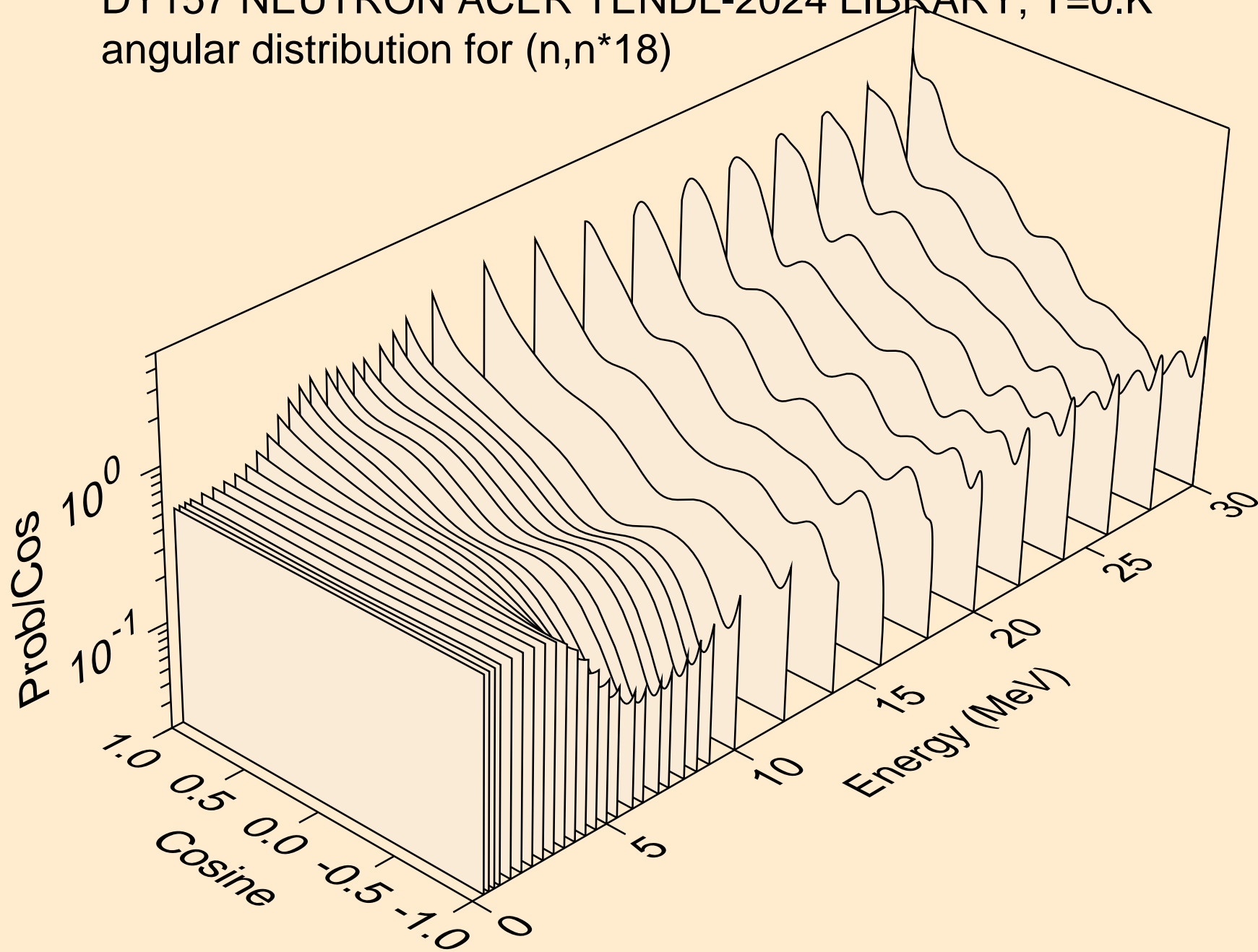




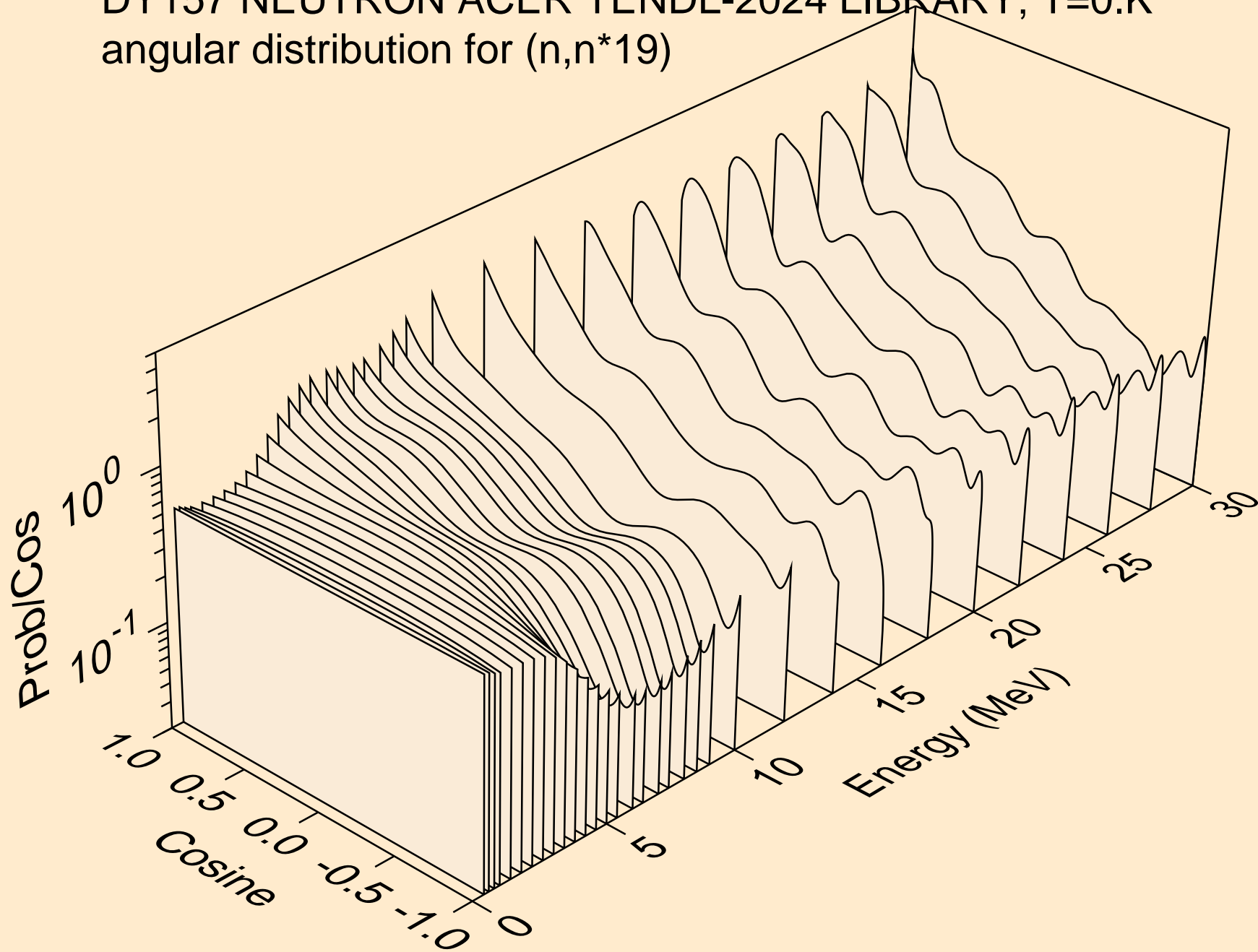
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



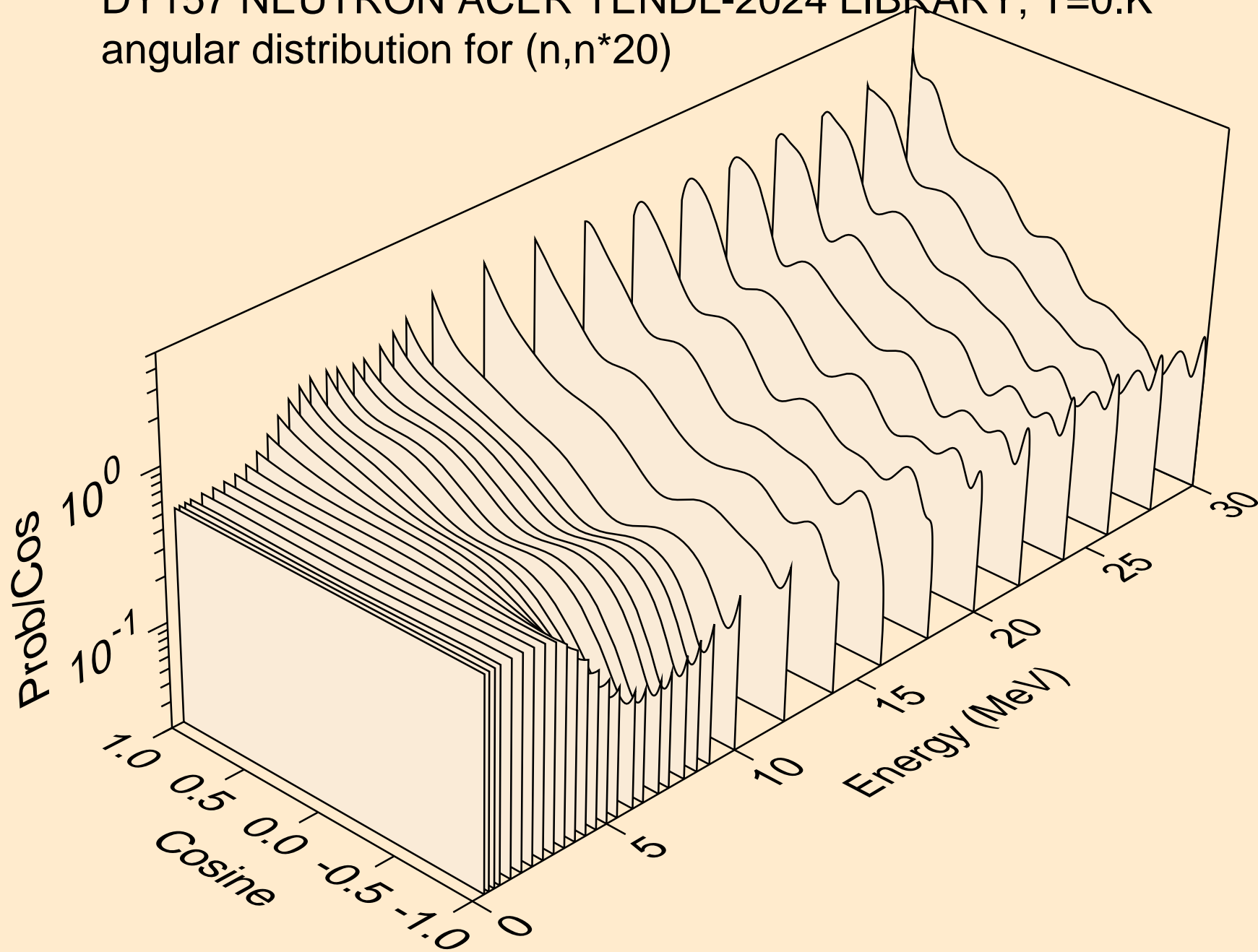
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



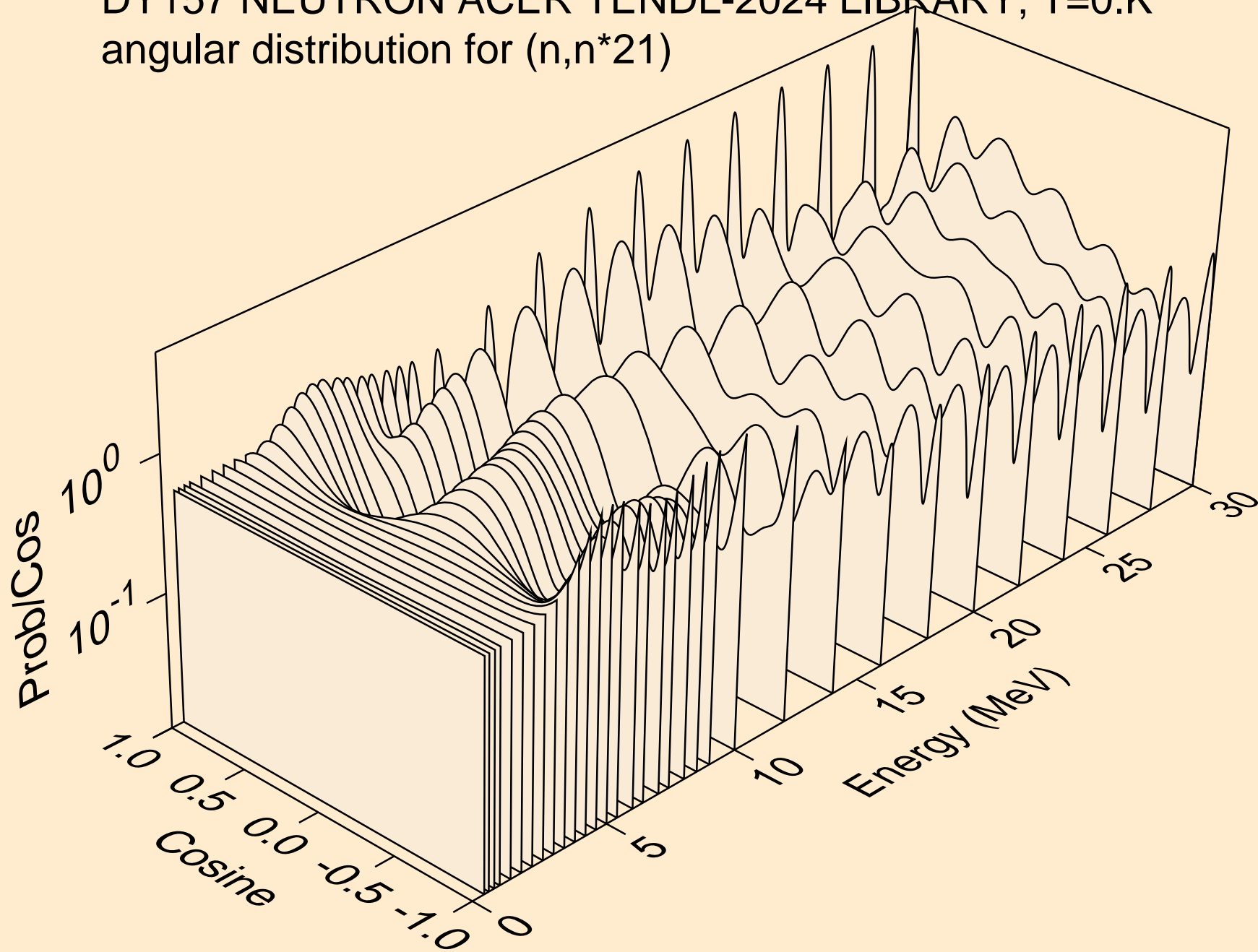
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



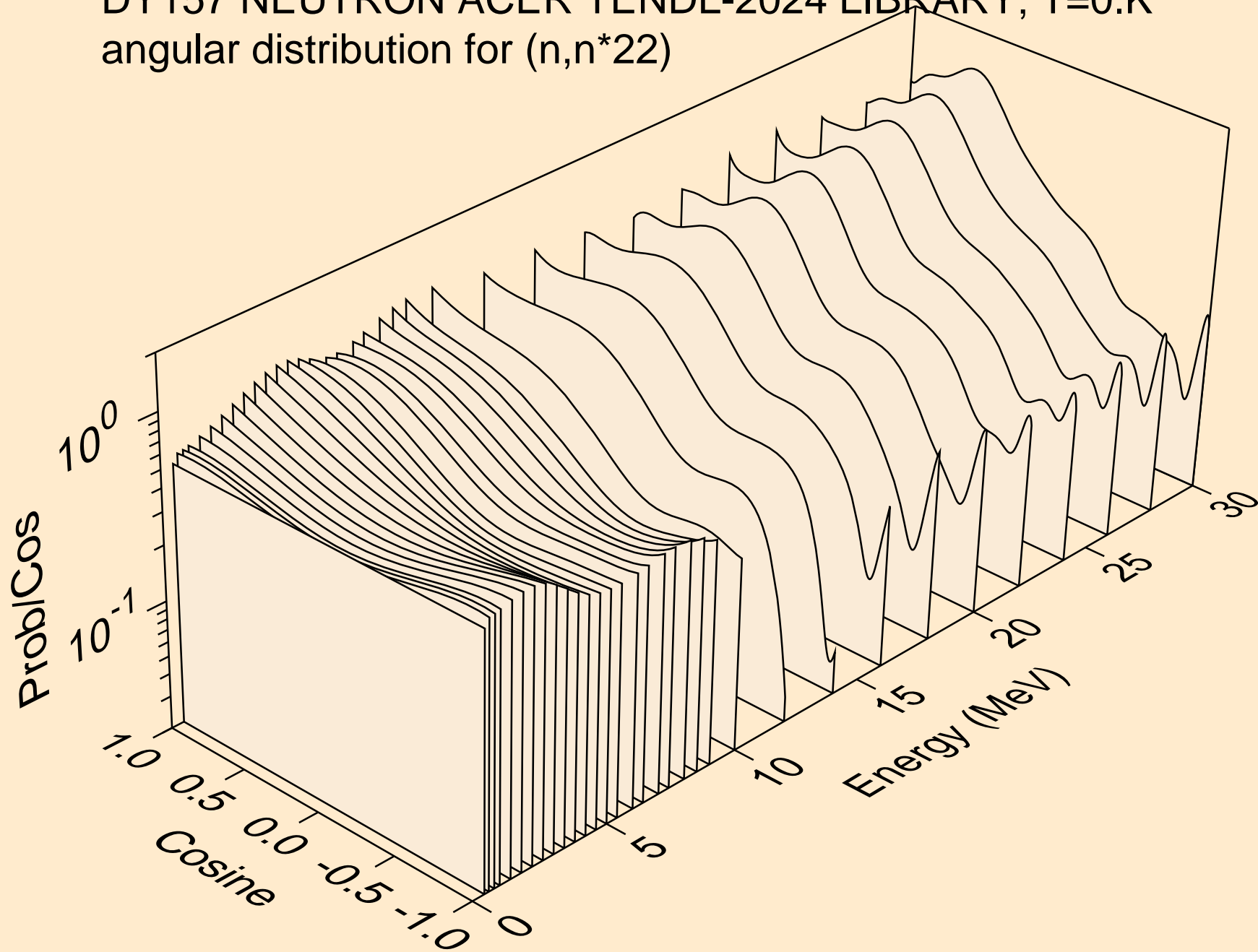
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



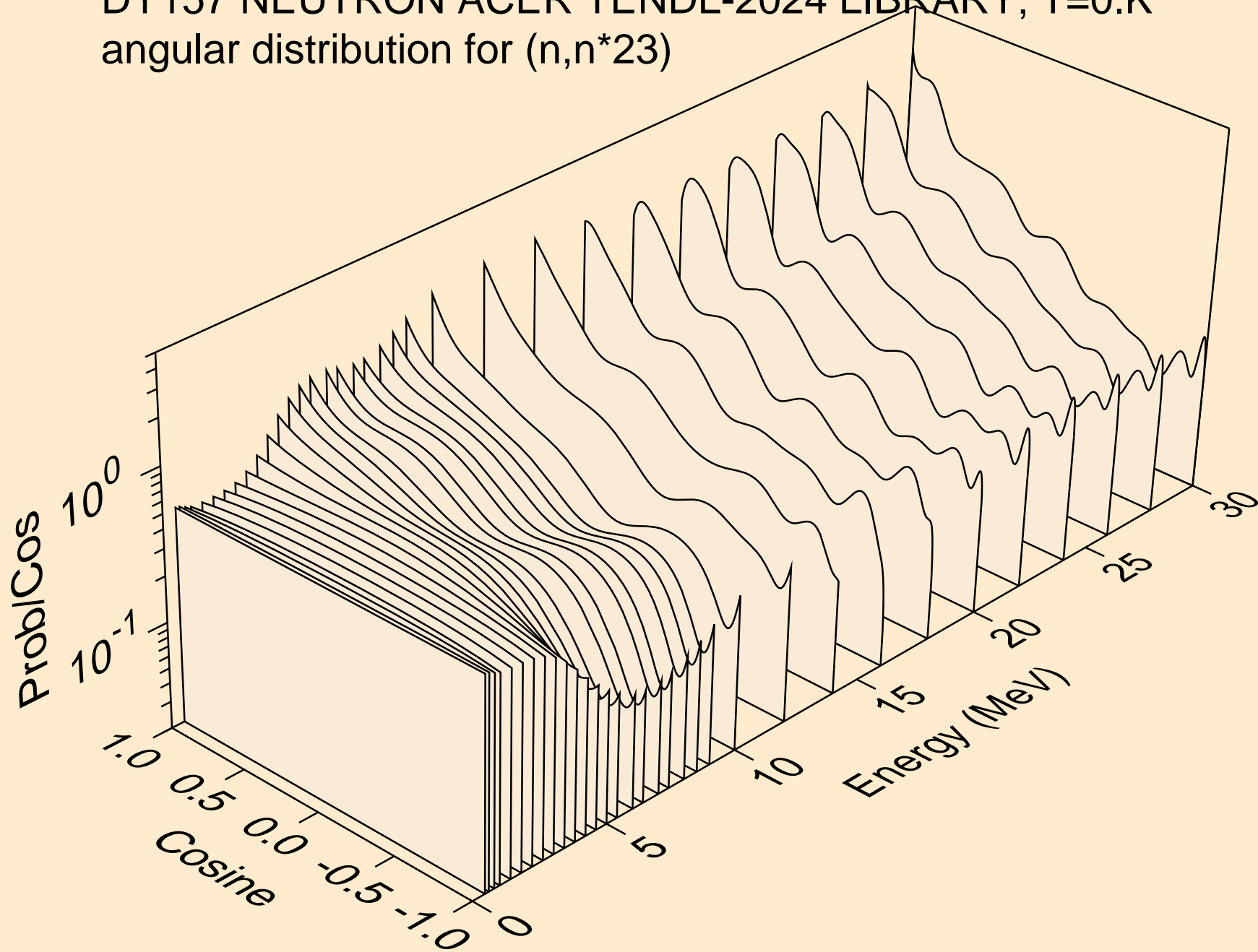
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

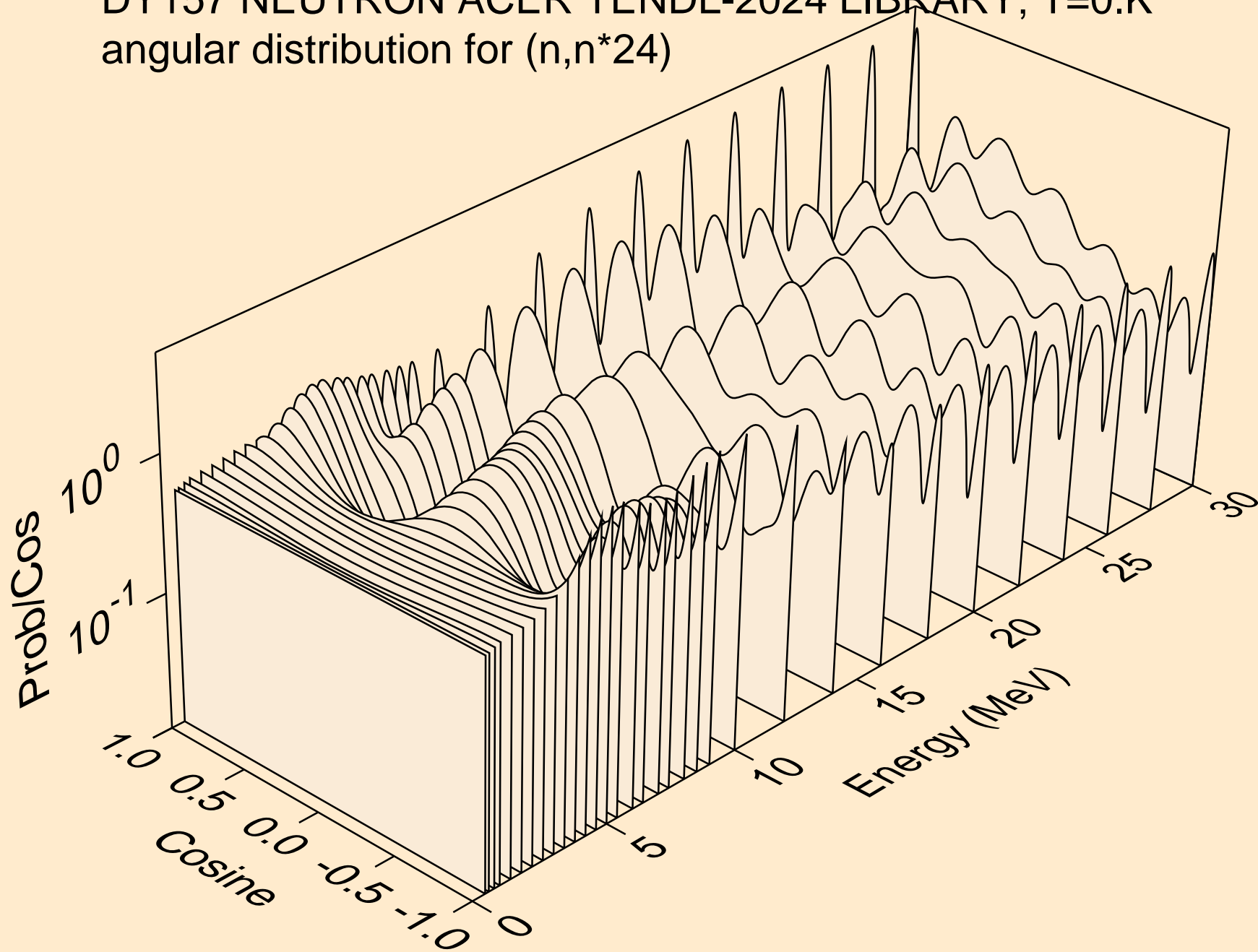


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



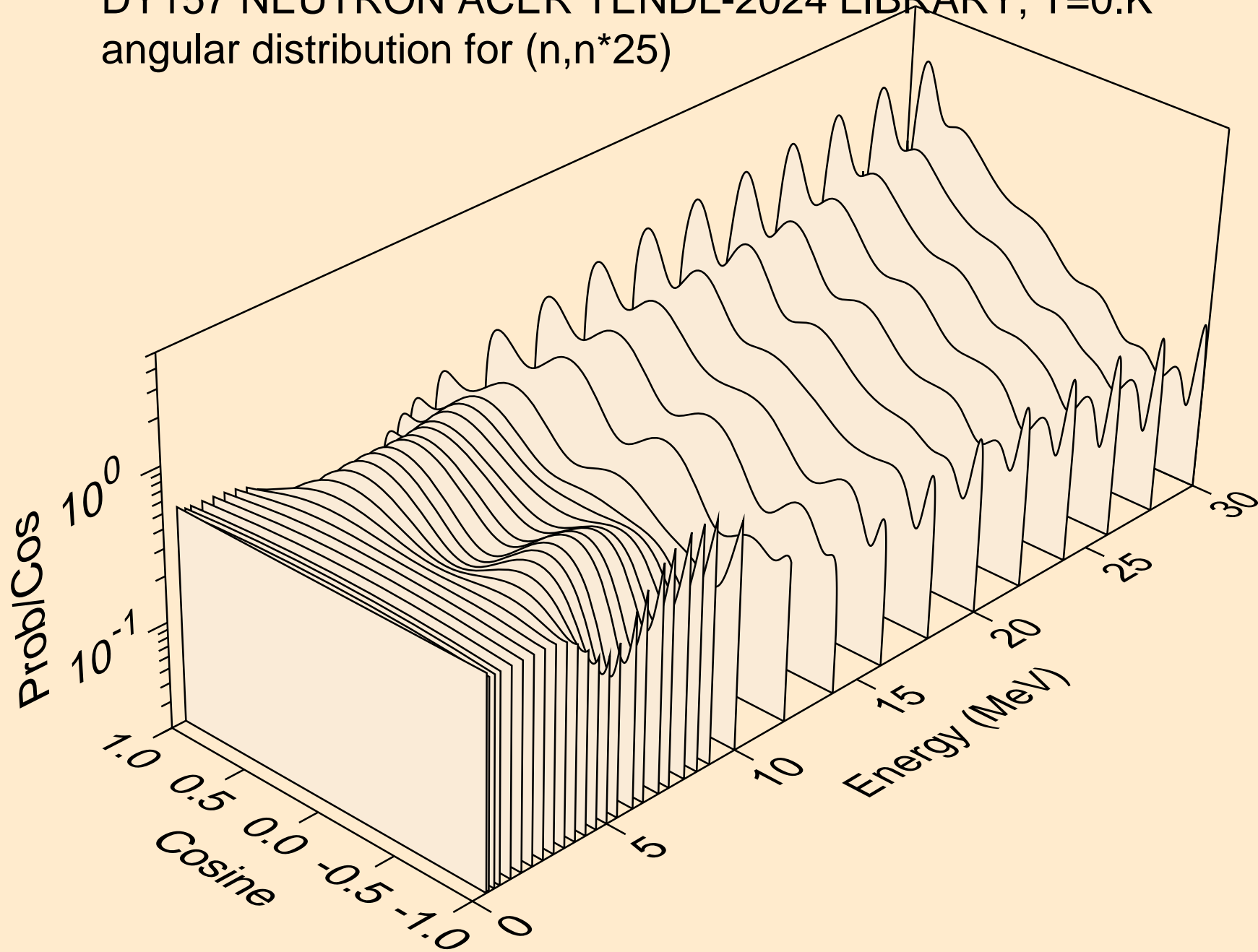


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

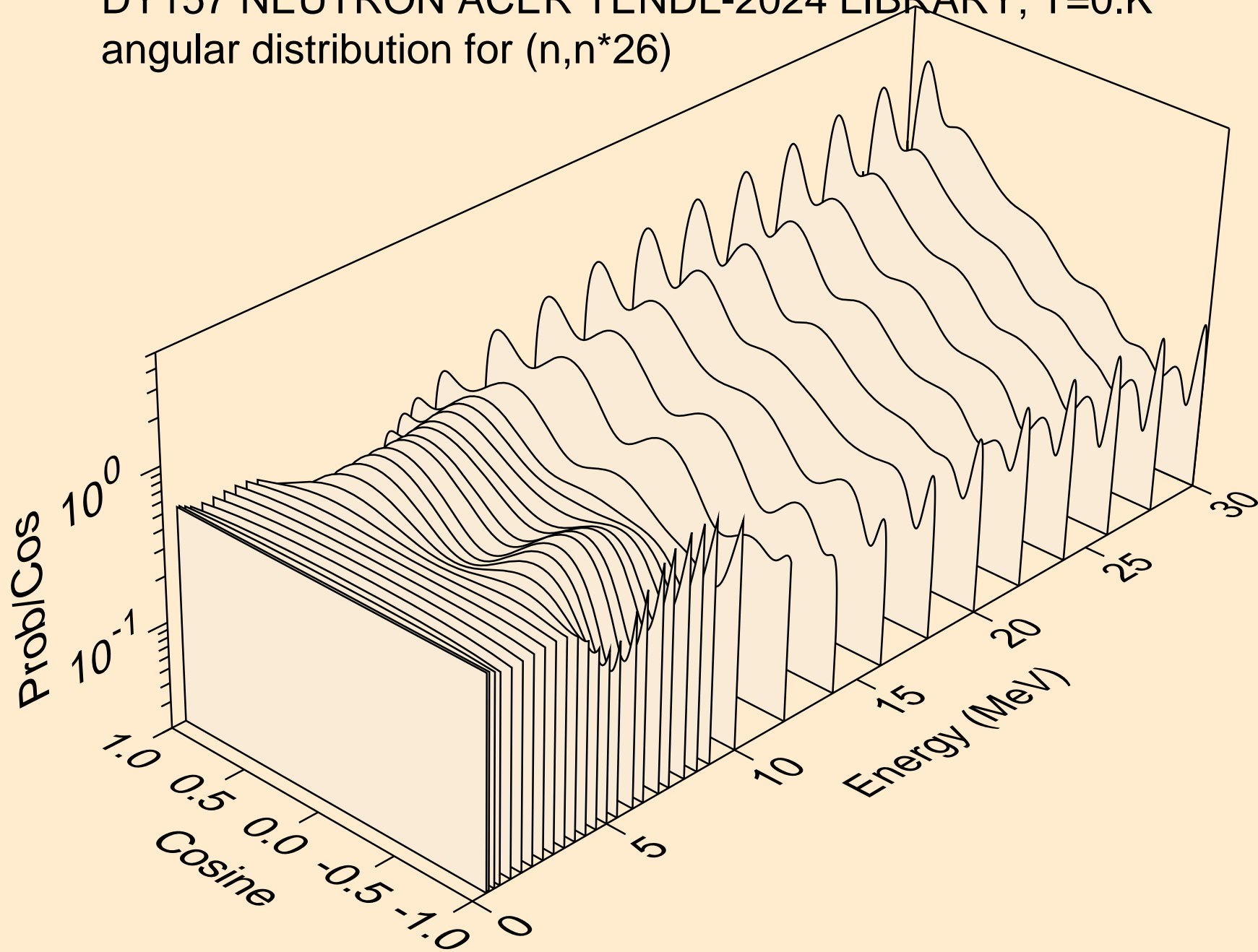




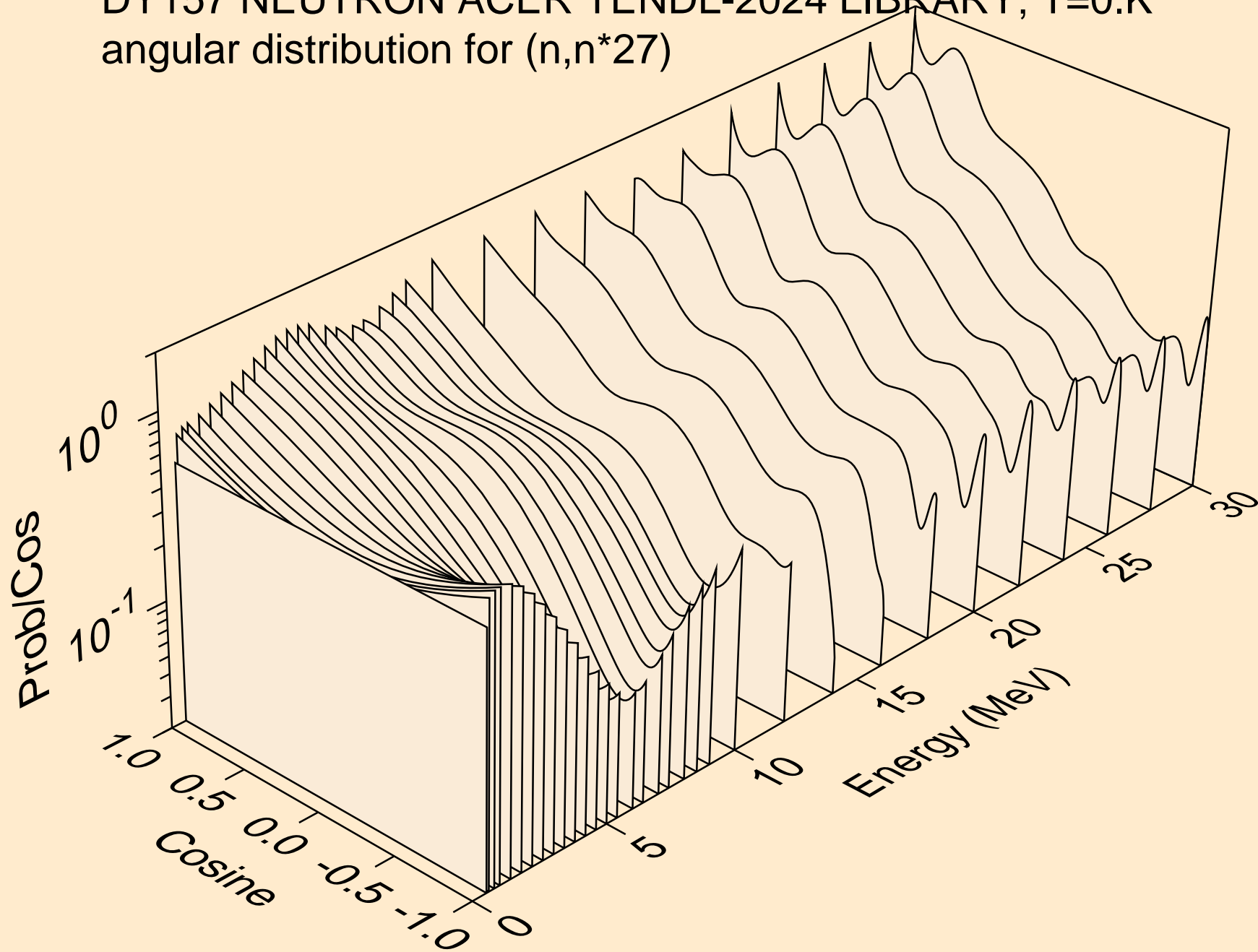
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



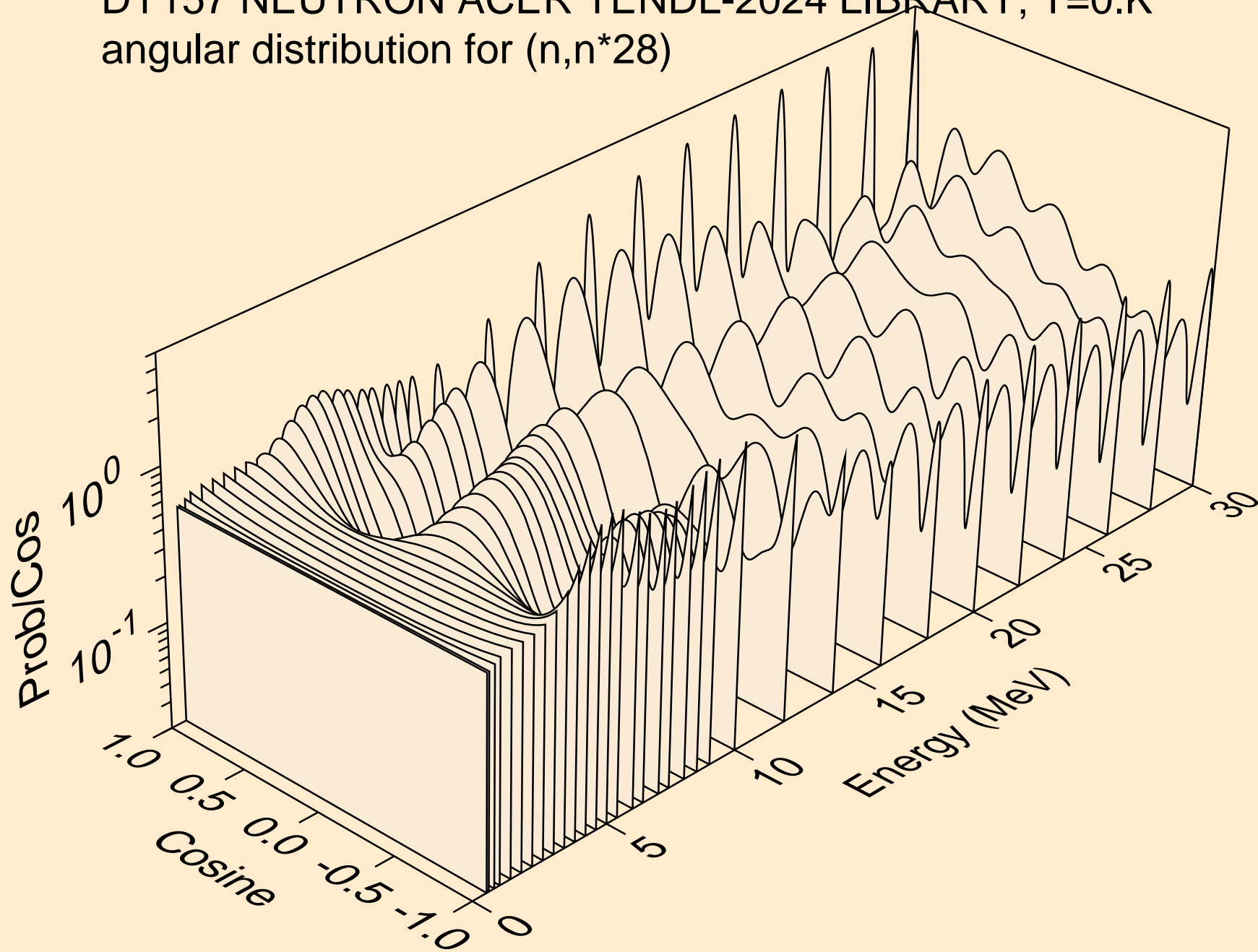
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



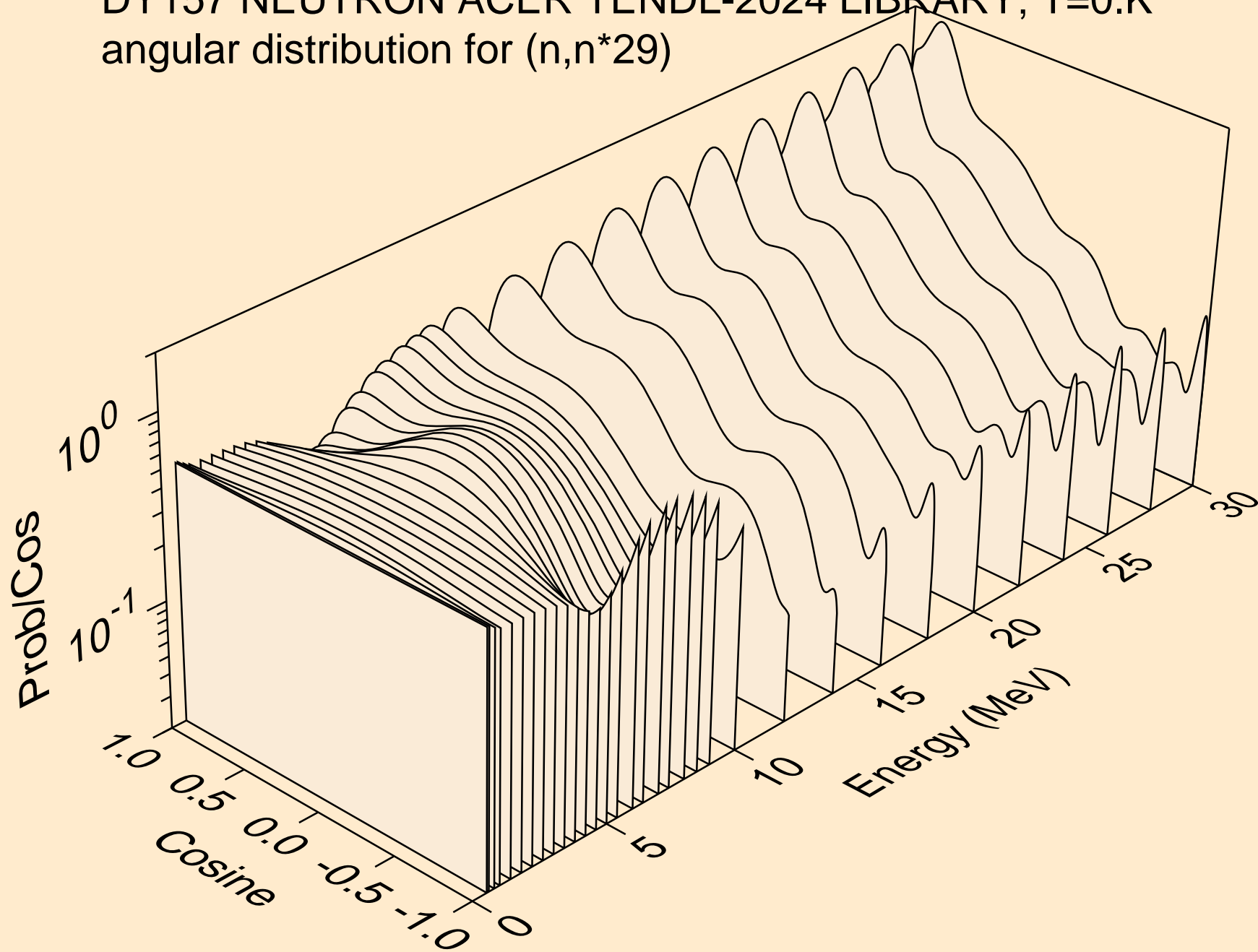
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



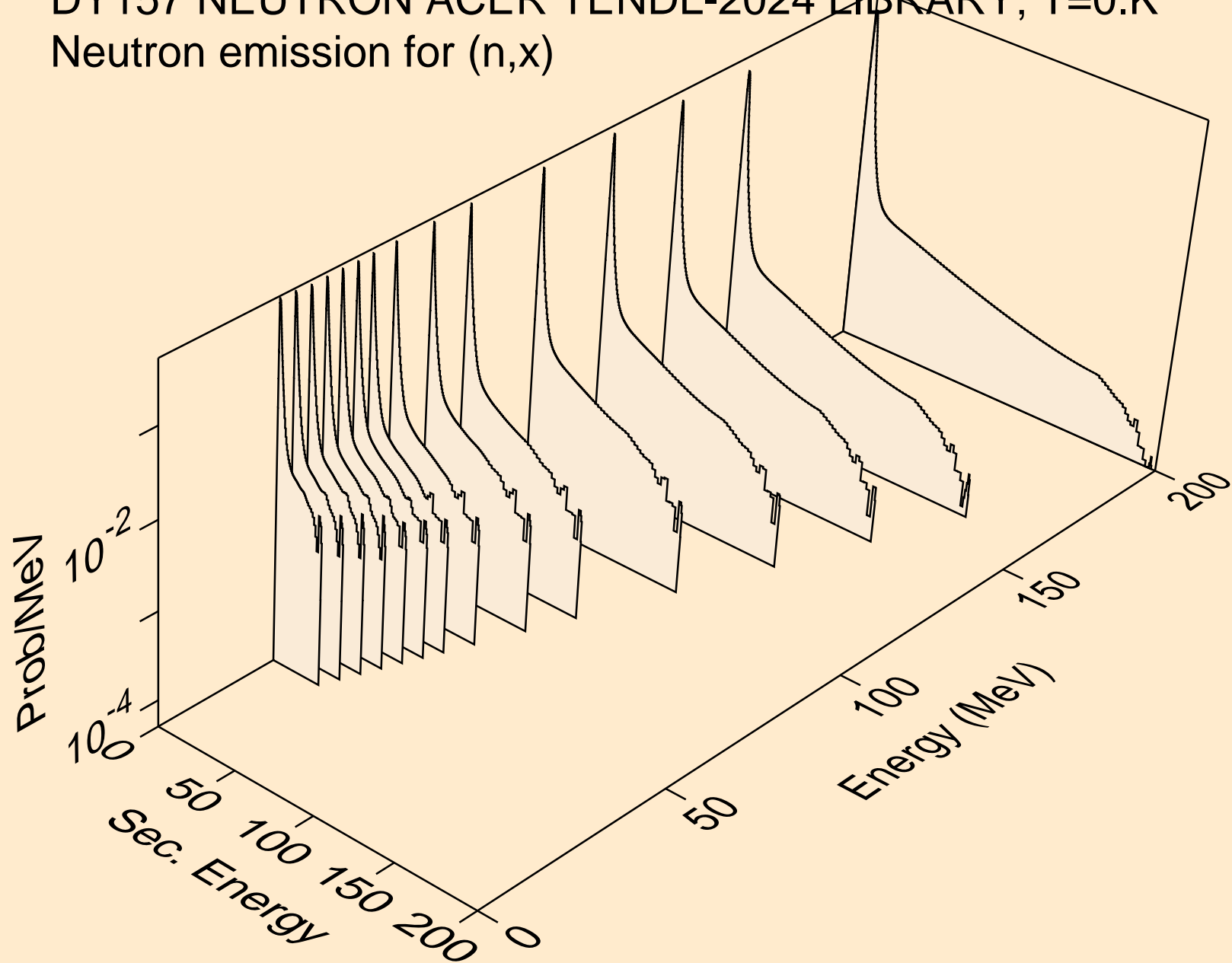
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



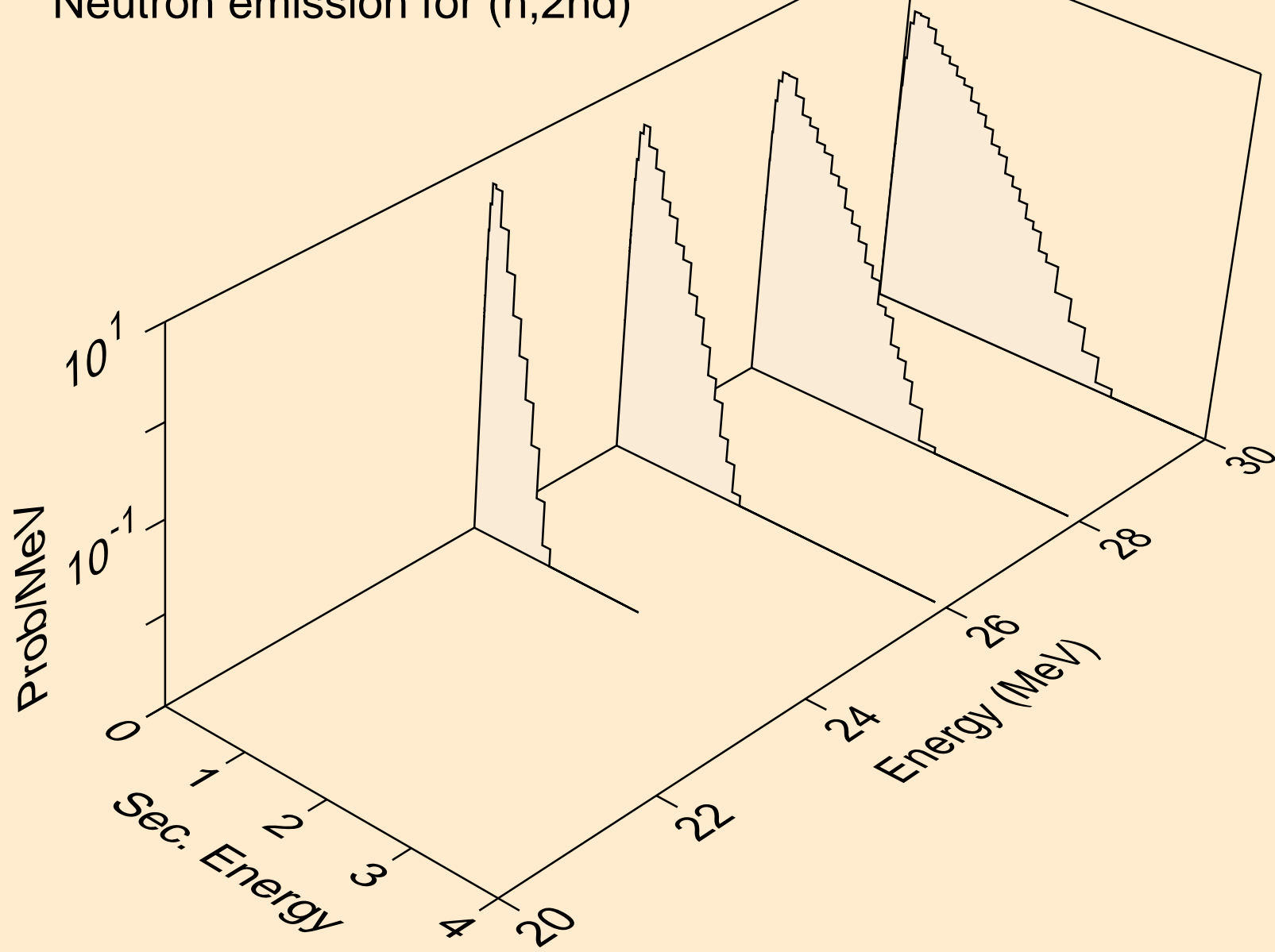
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



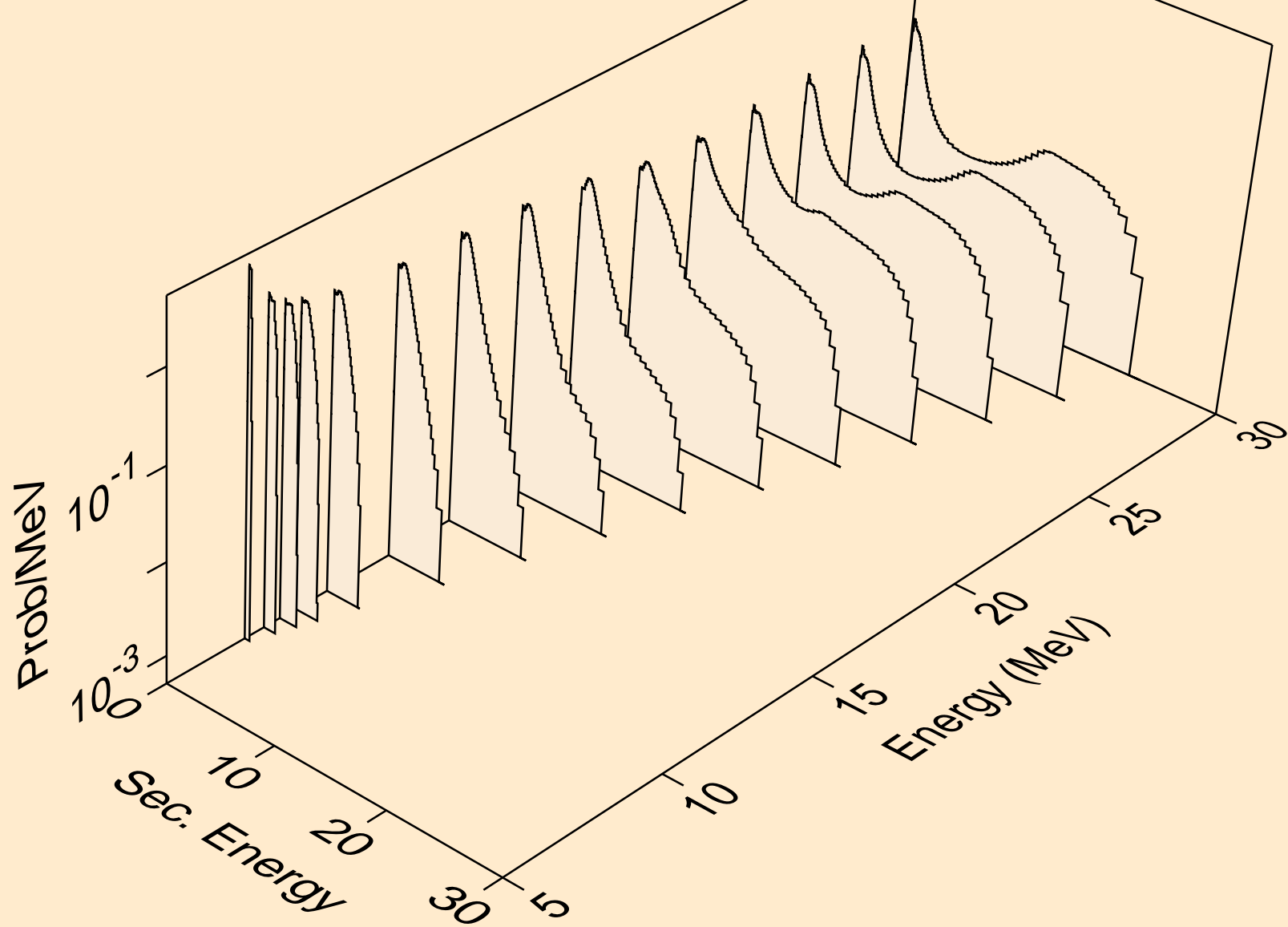
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

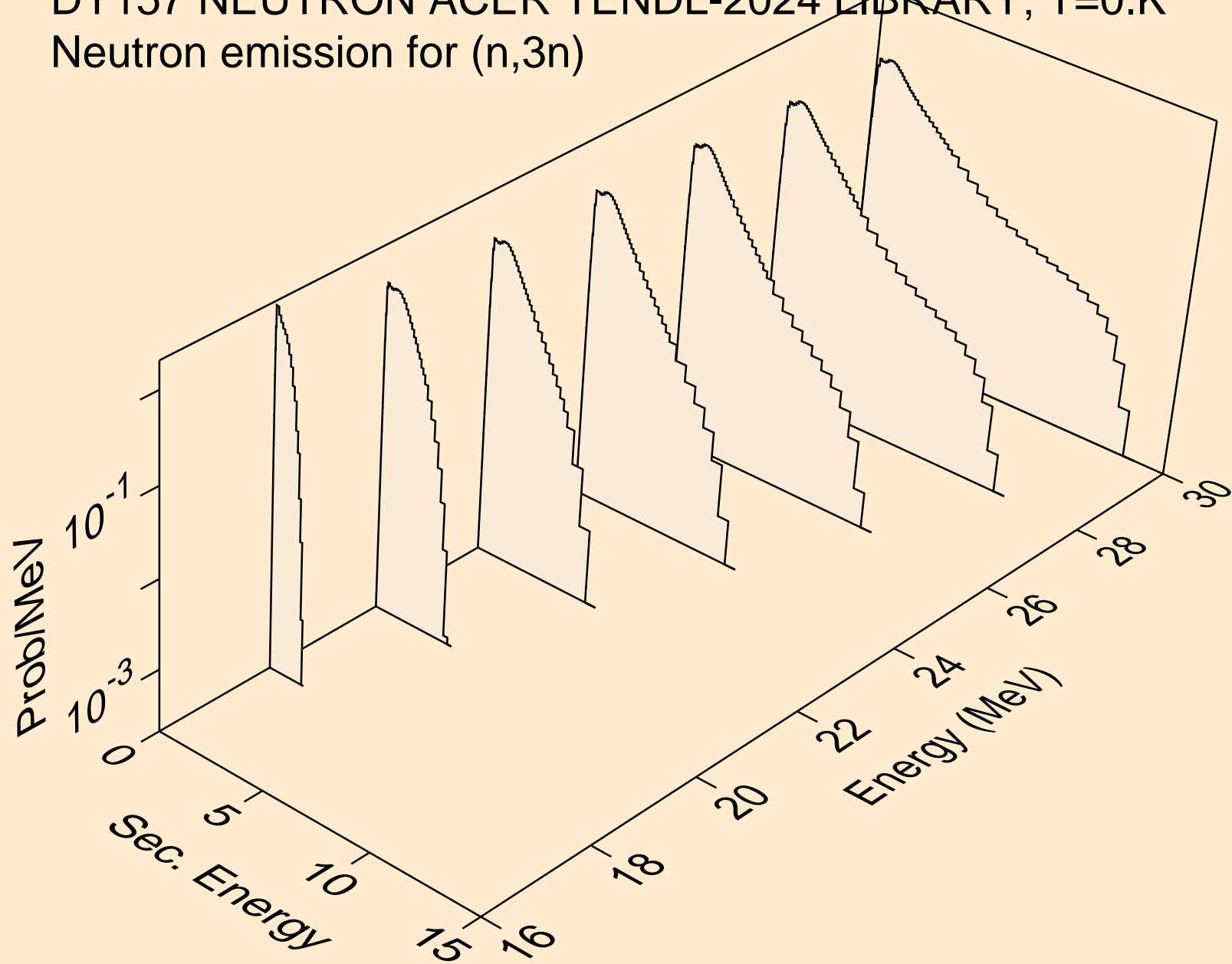


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

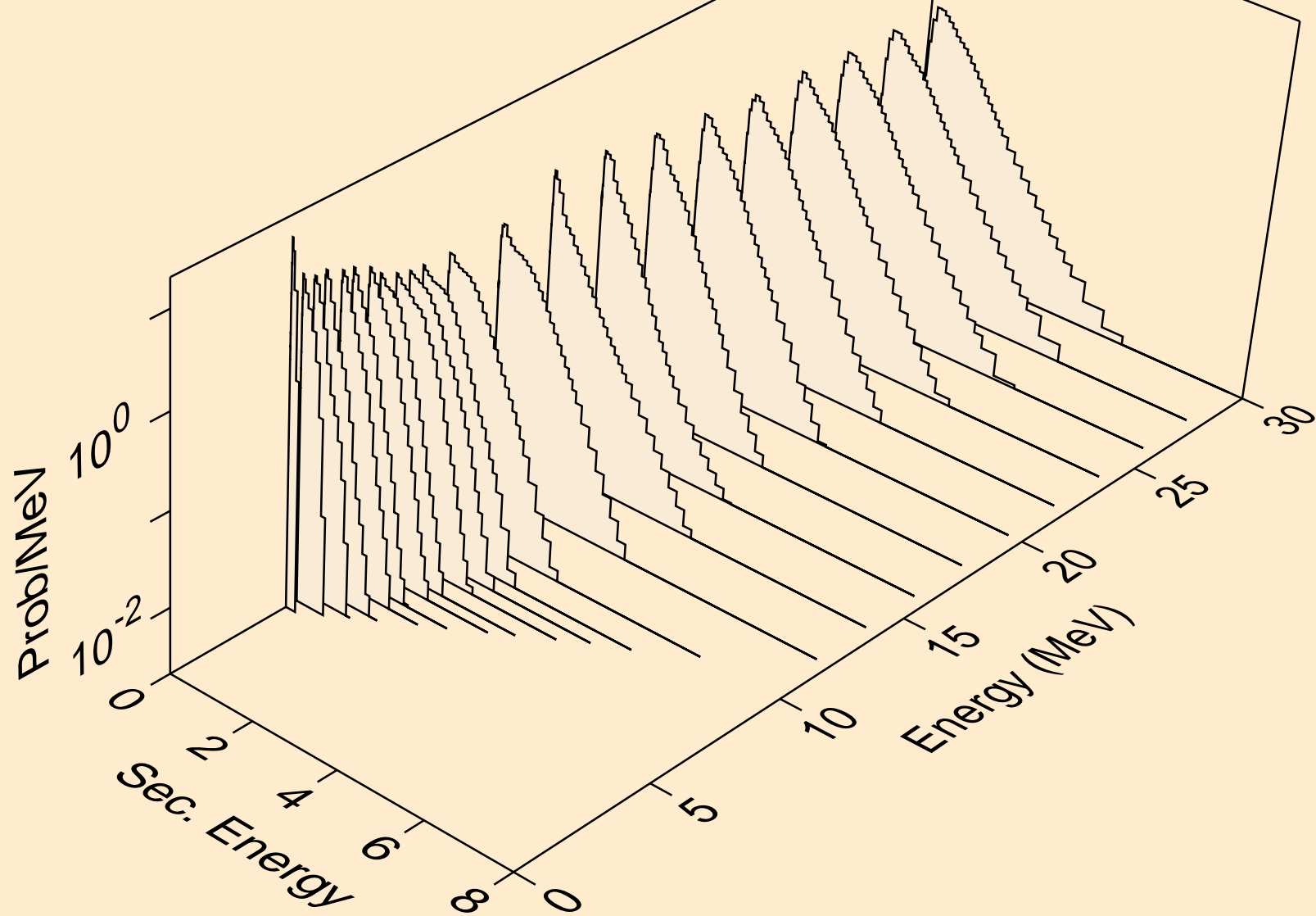




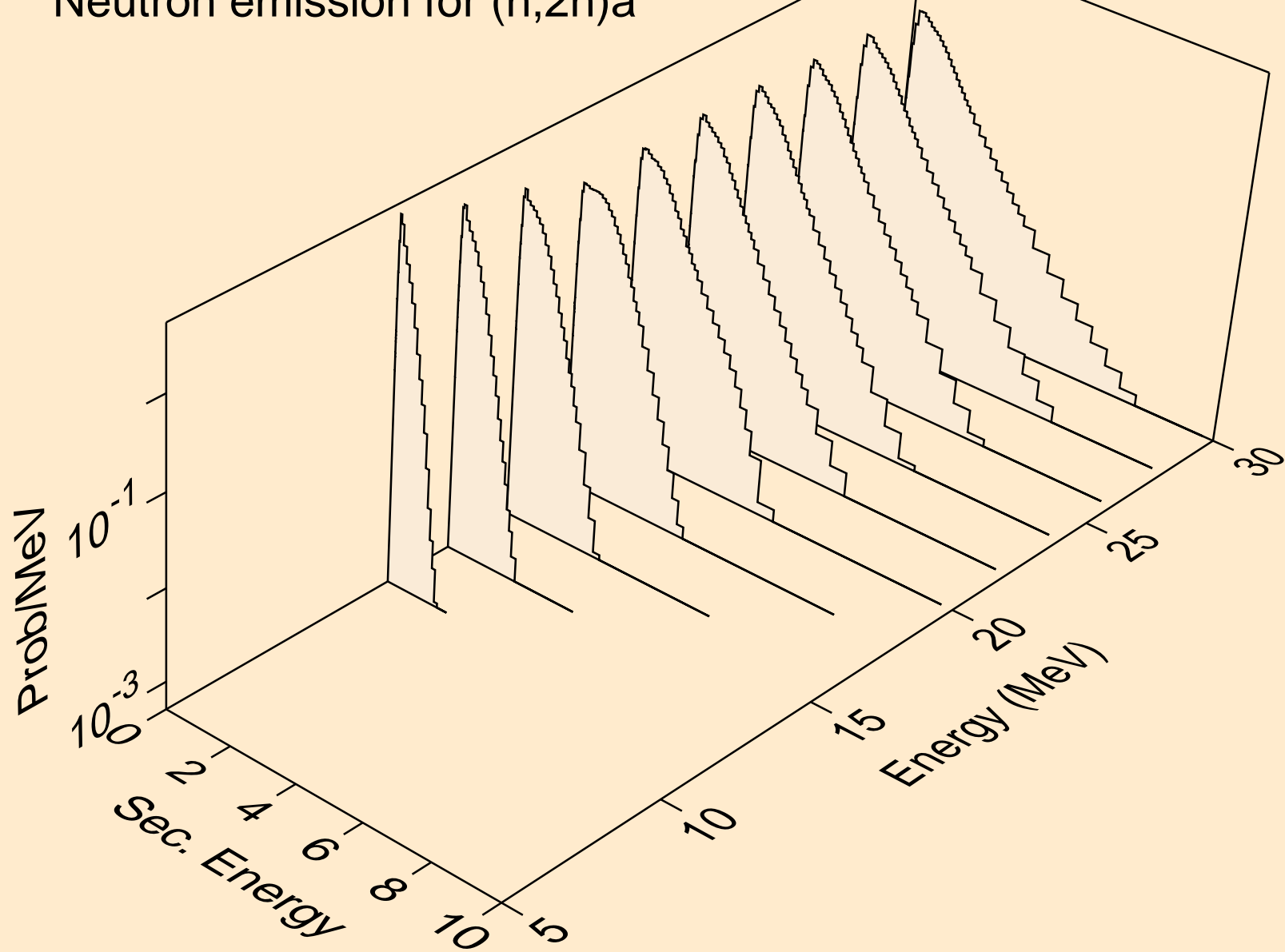
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



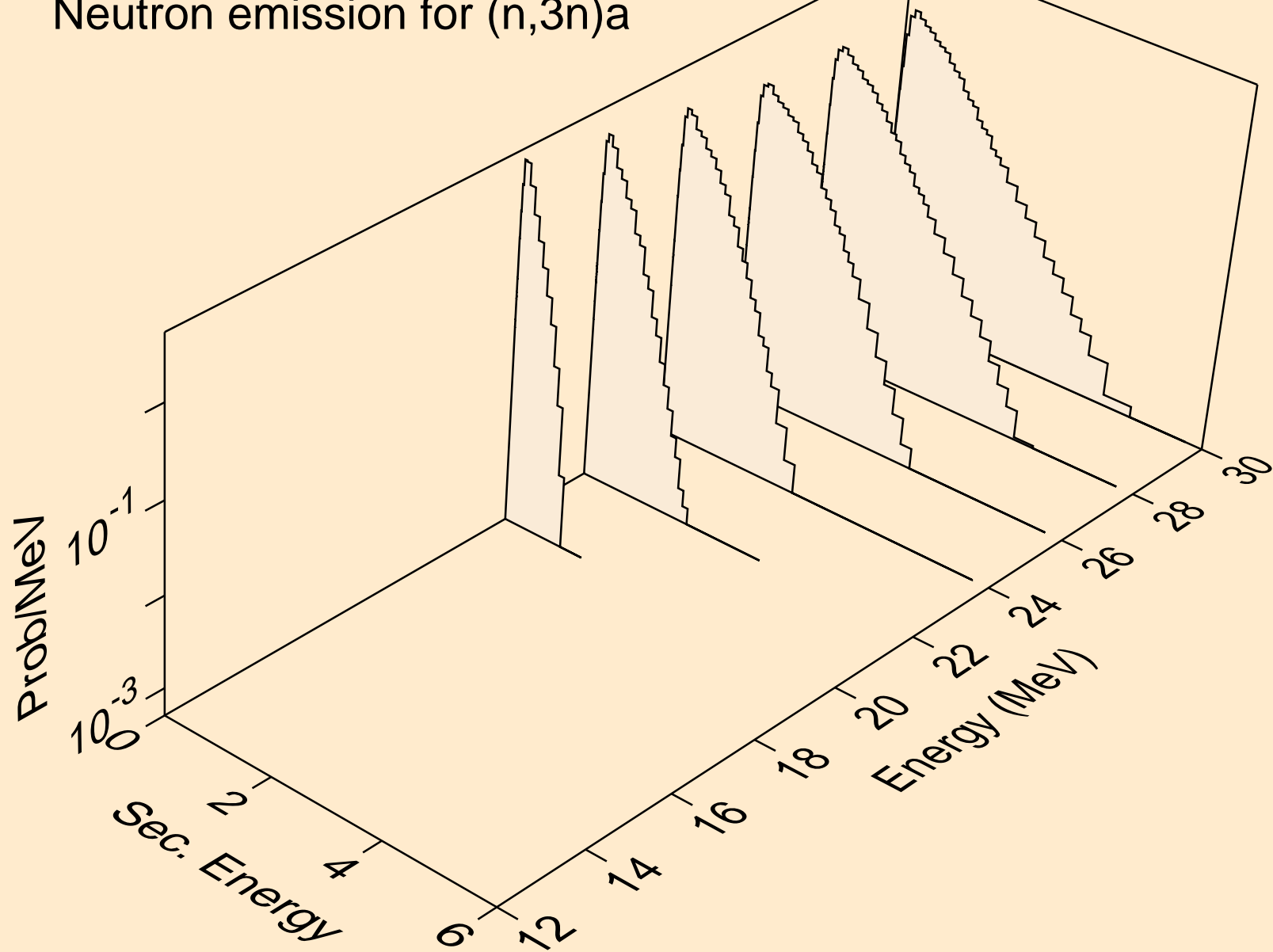
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



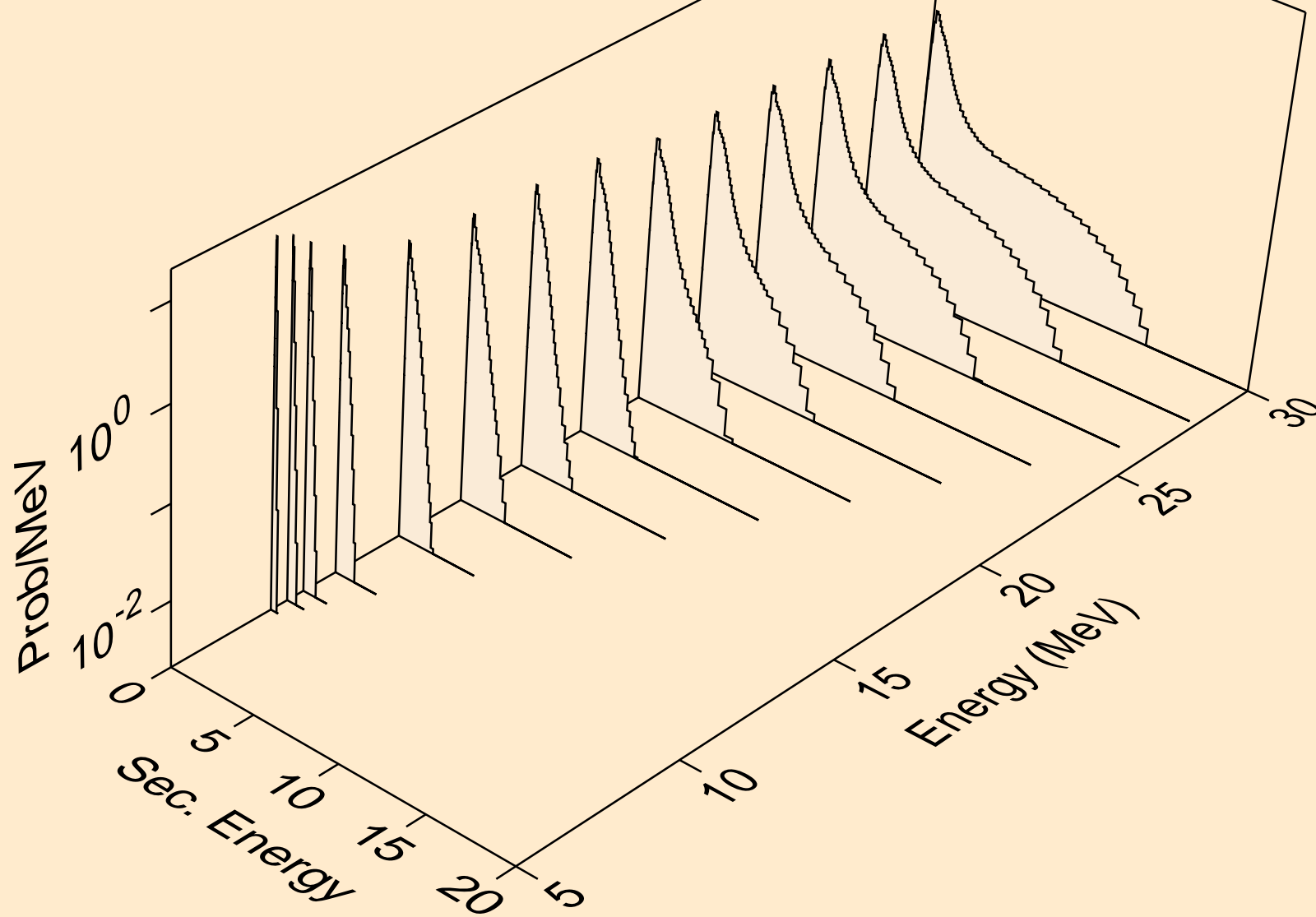
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



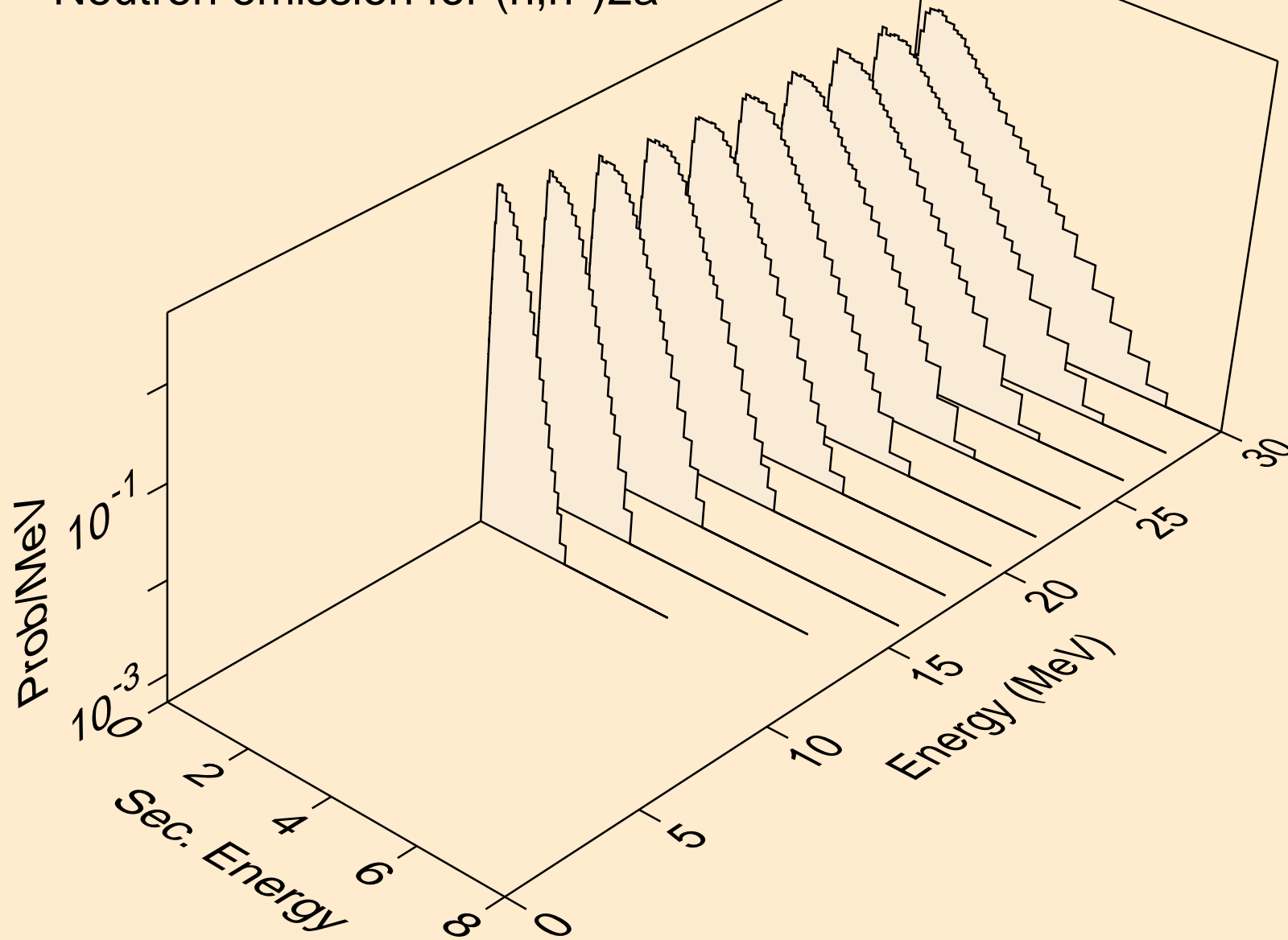
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



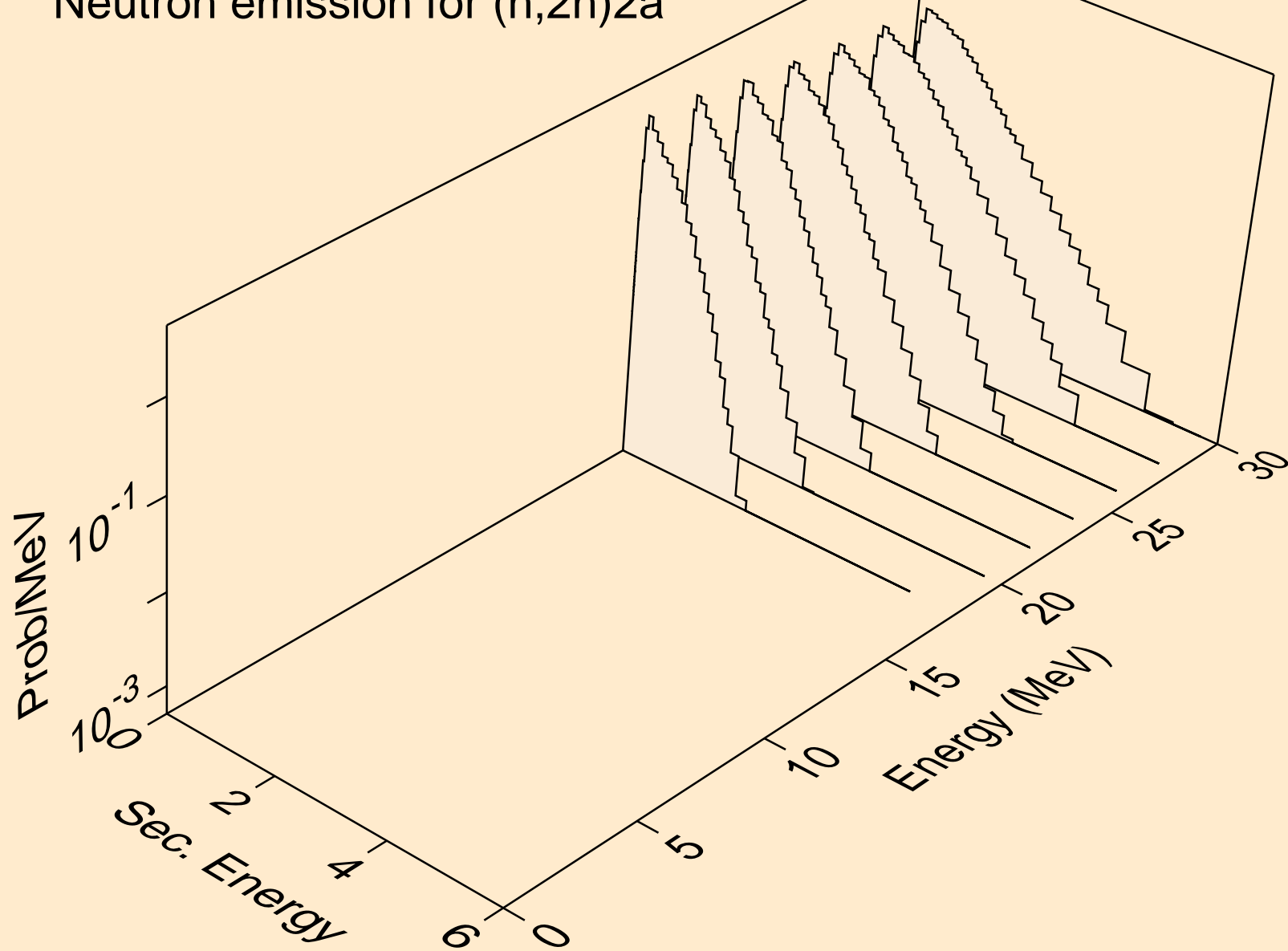
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



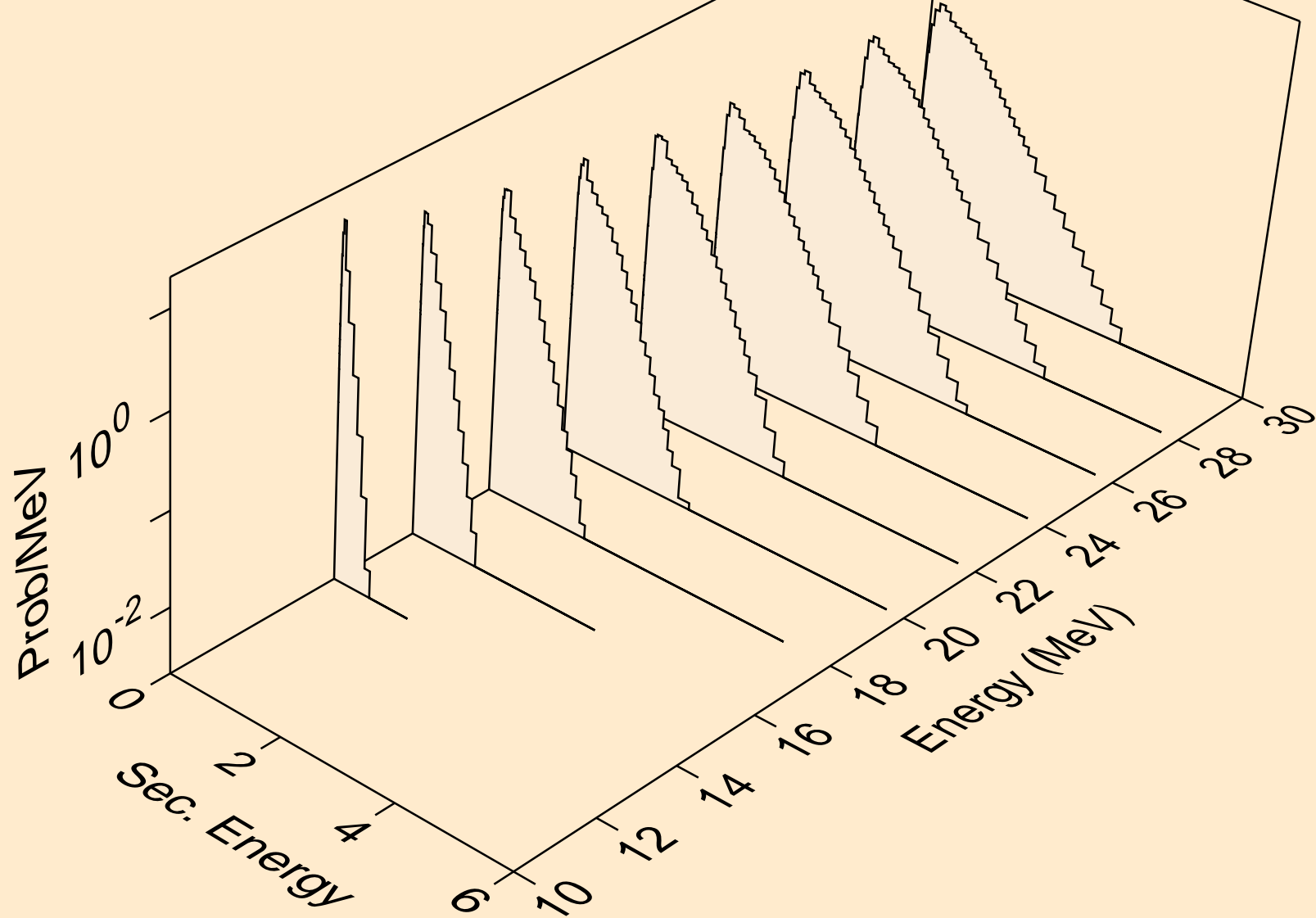
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

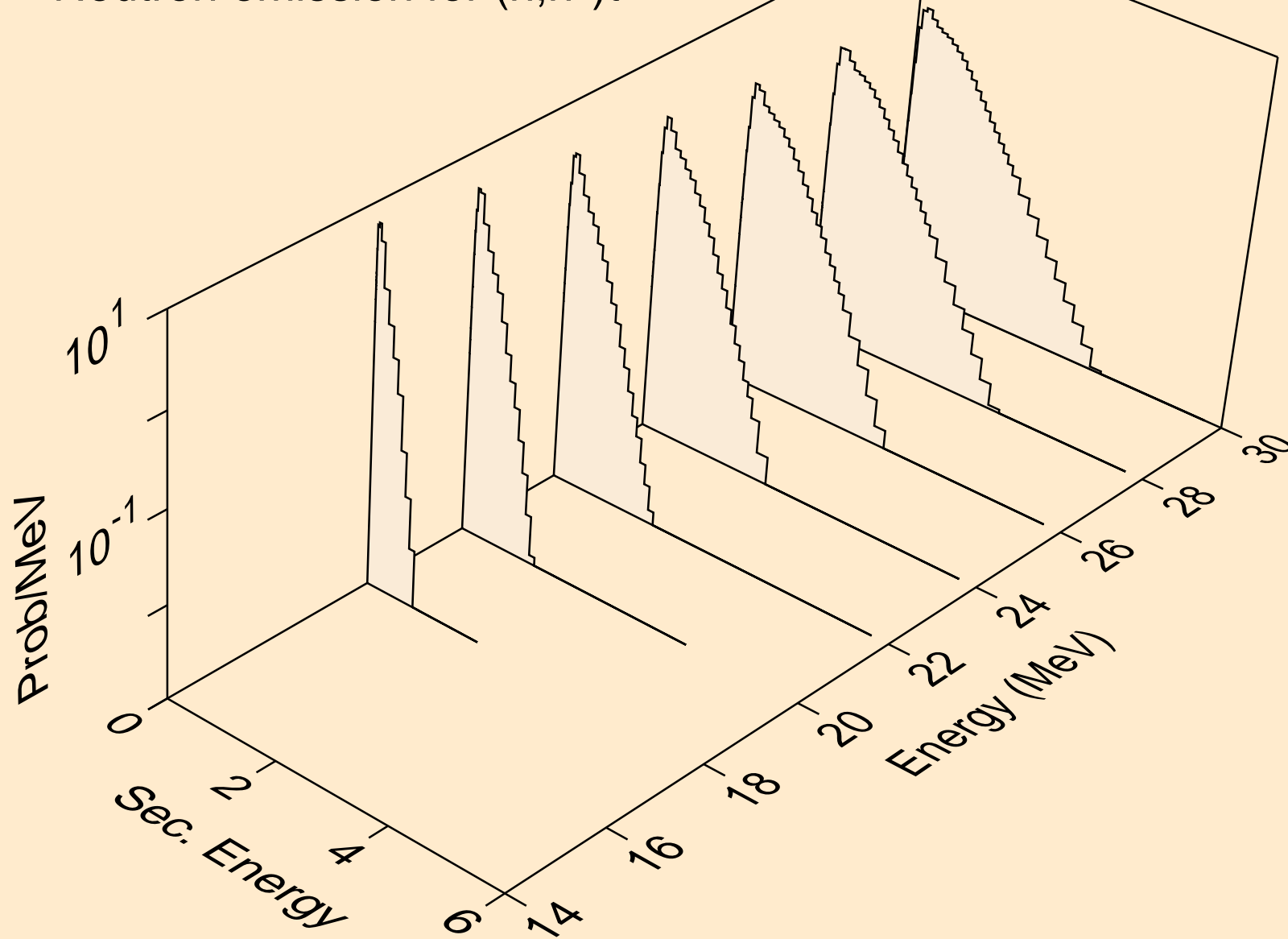


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

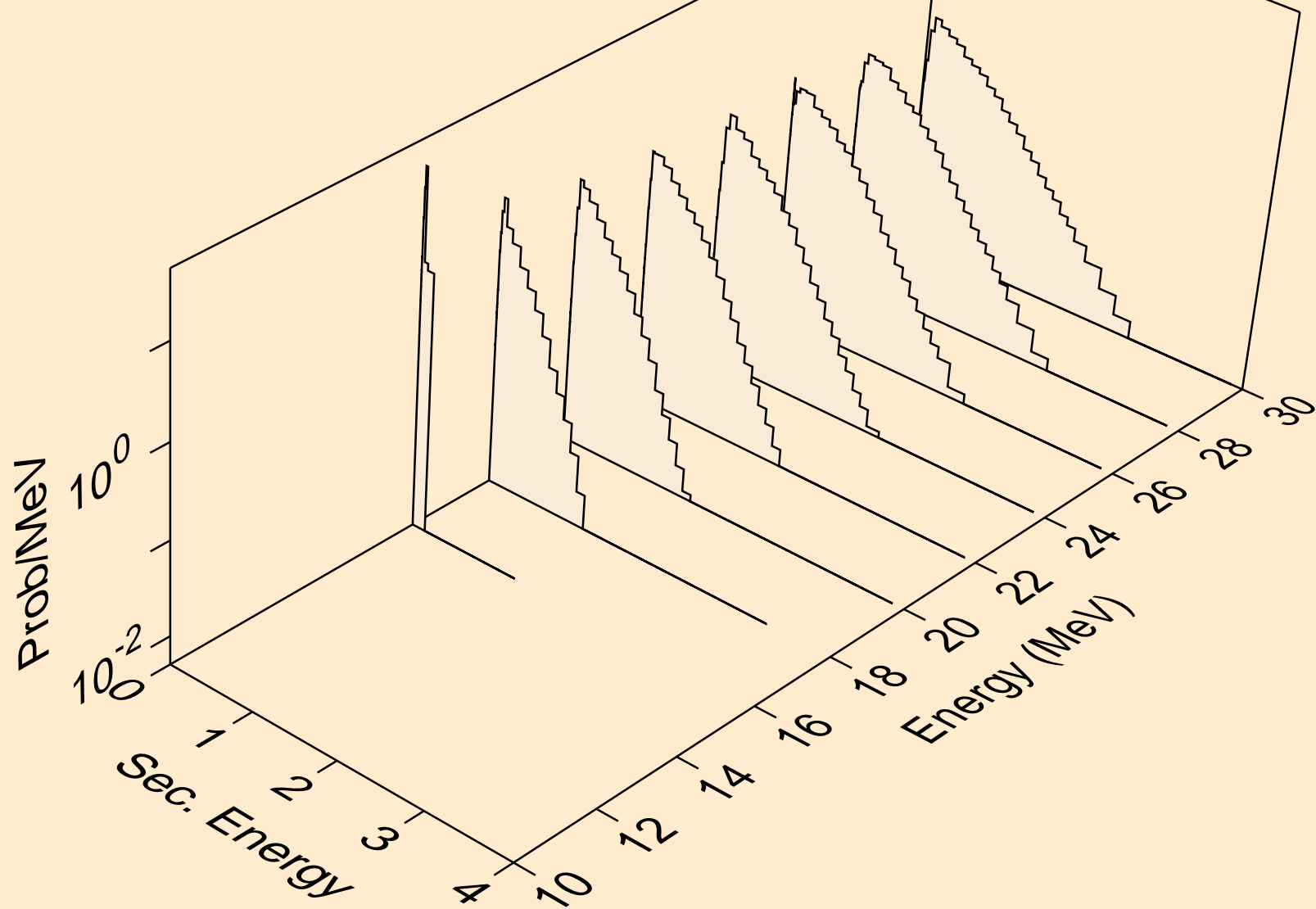




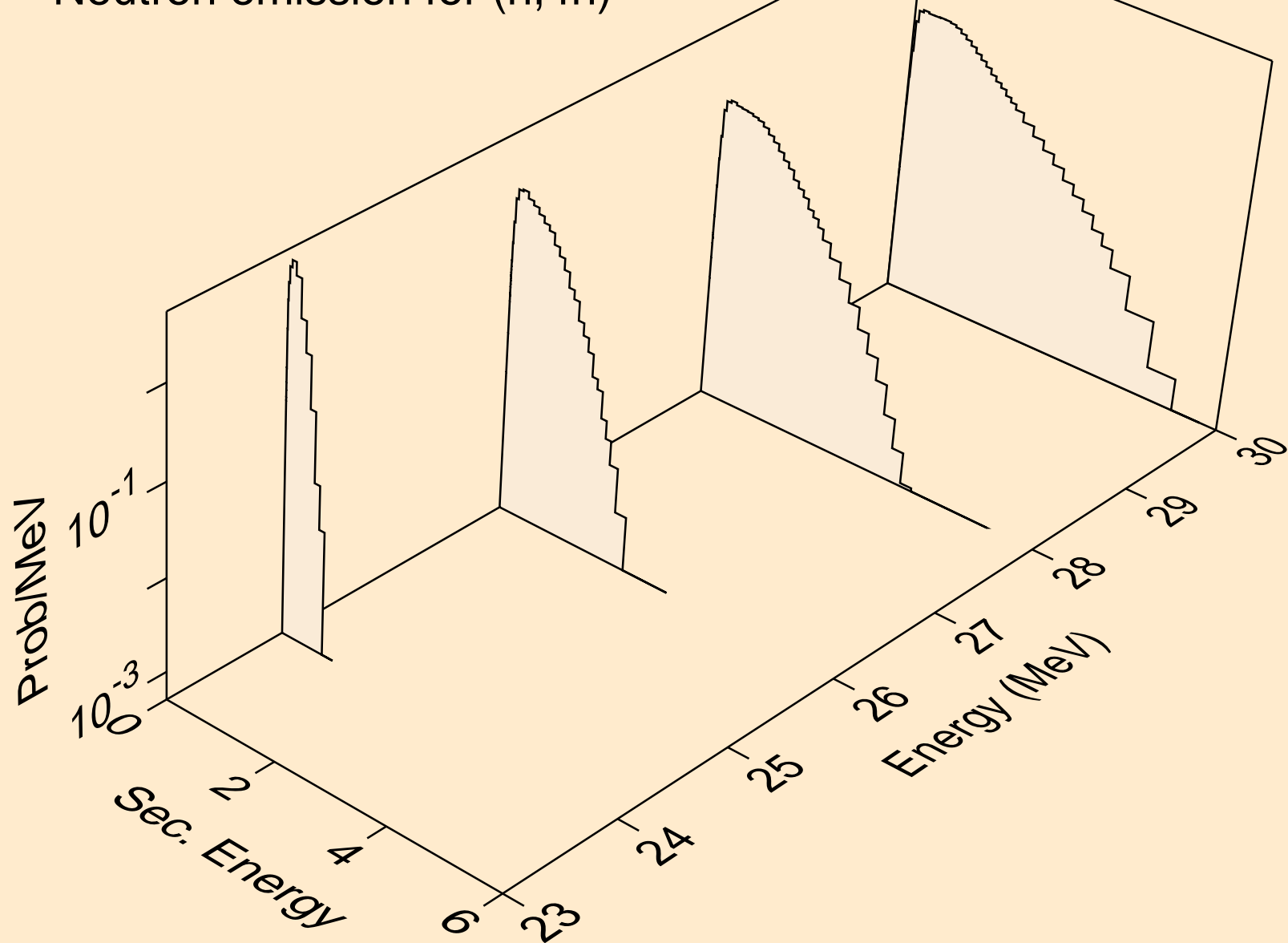
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



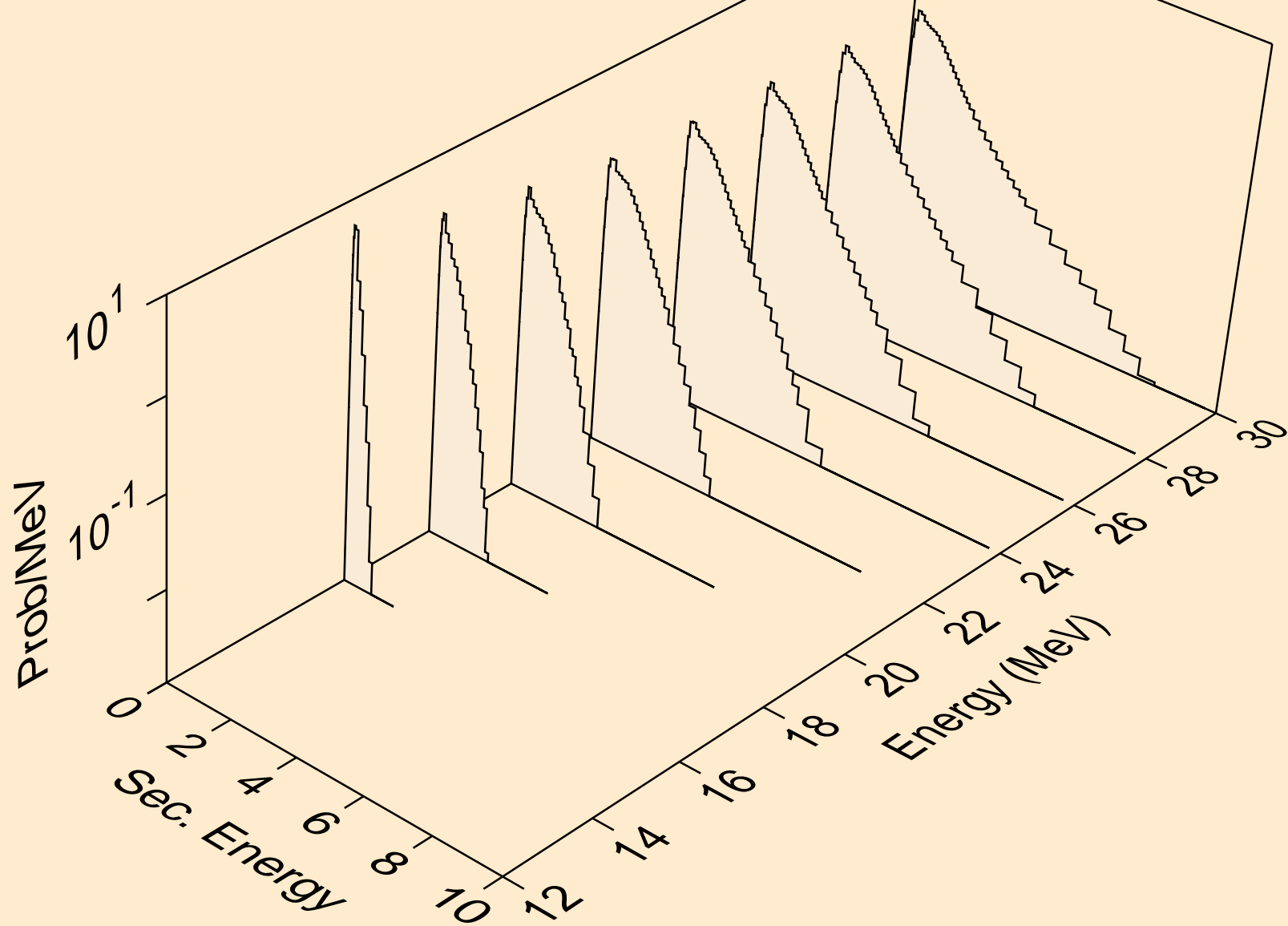
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



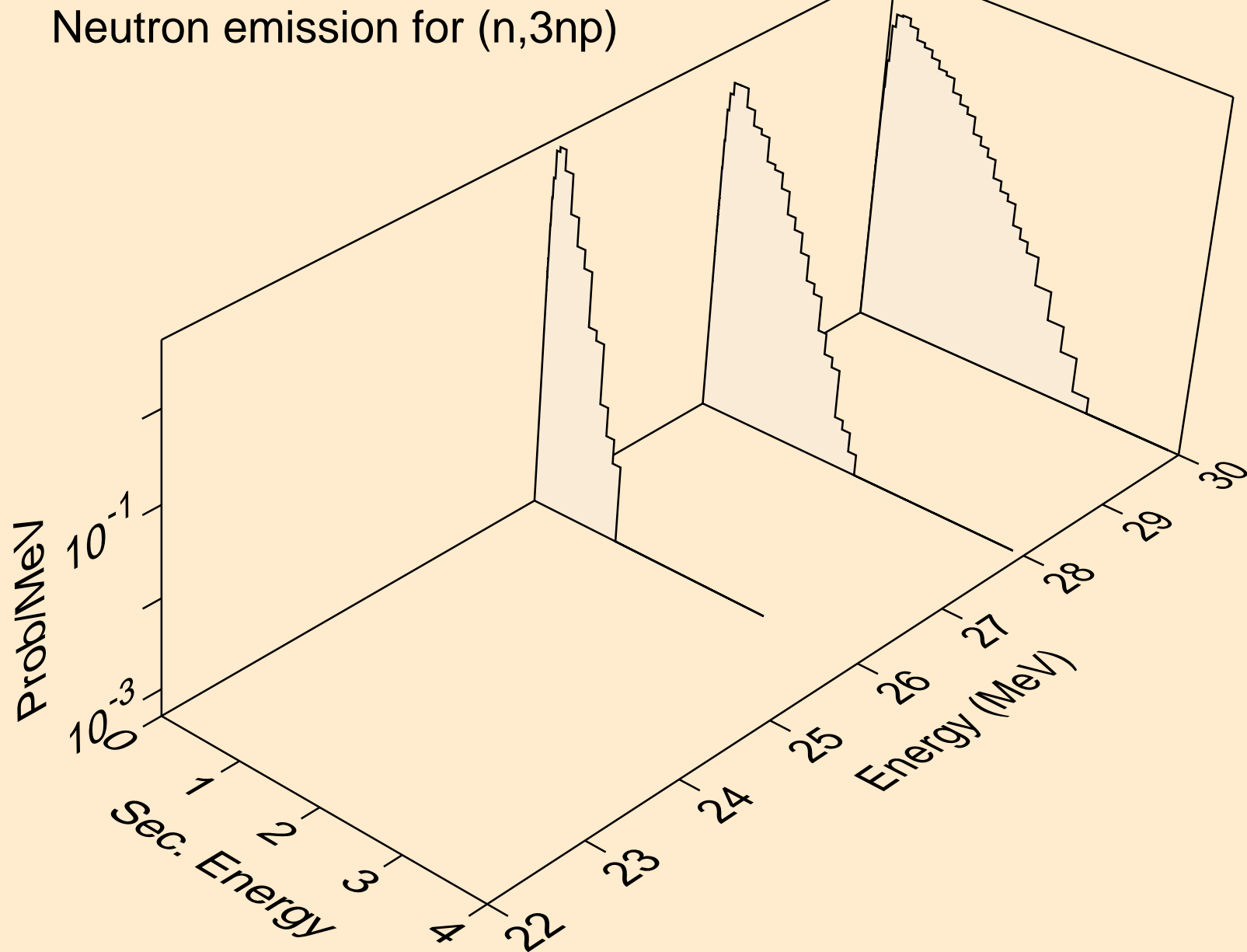
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



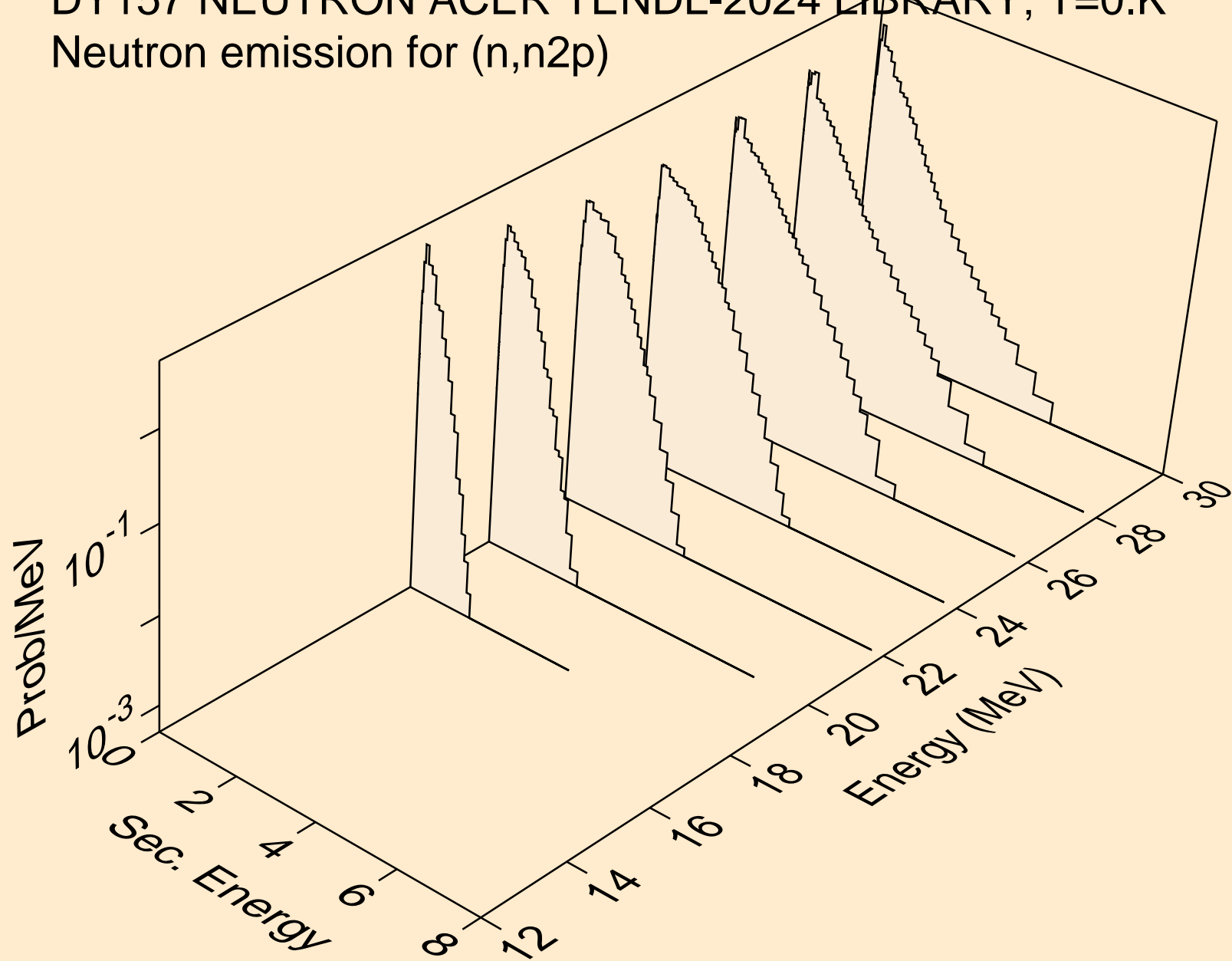
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



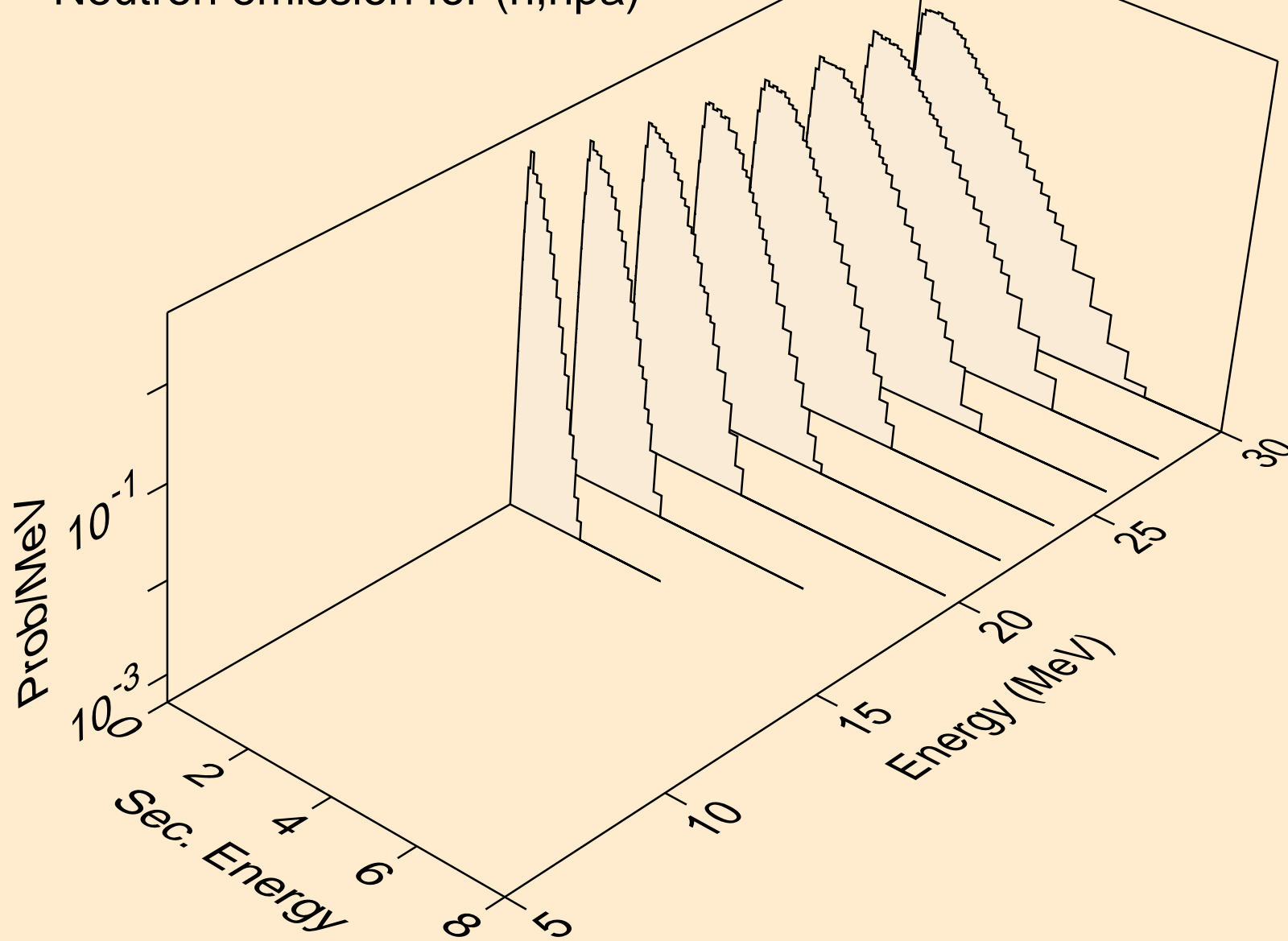
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Neutron emission for (n,3np)



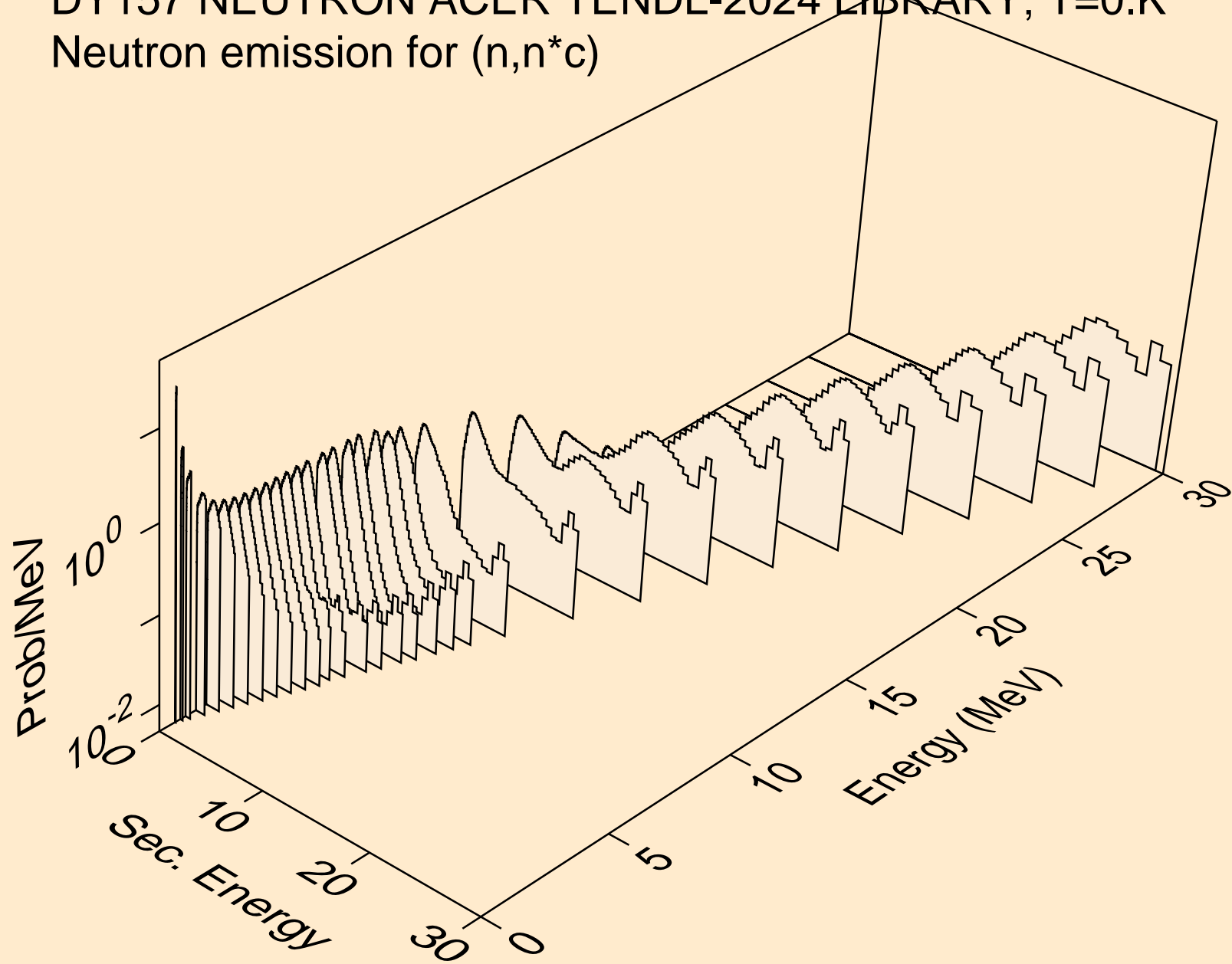
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Neutron emission for (n,n2p)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

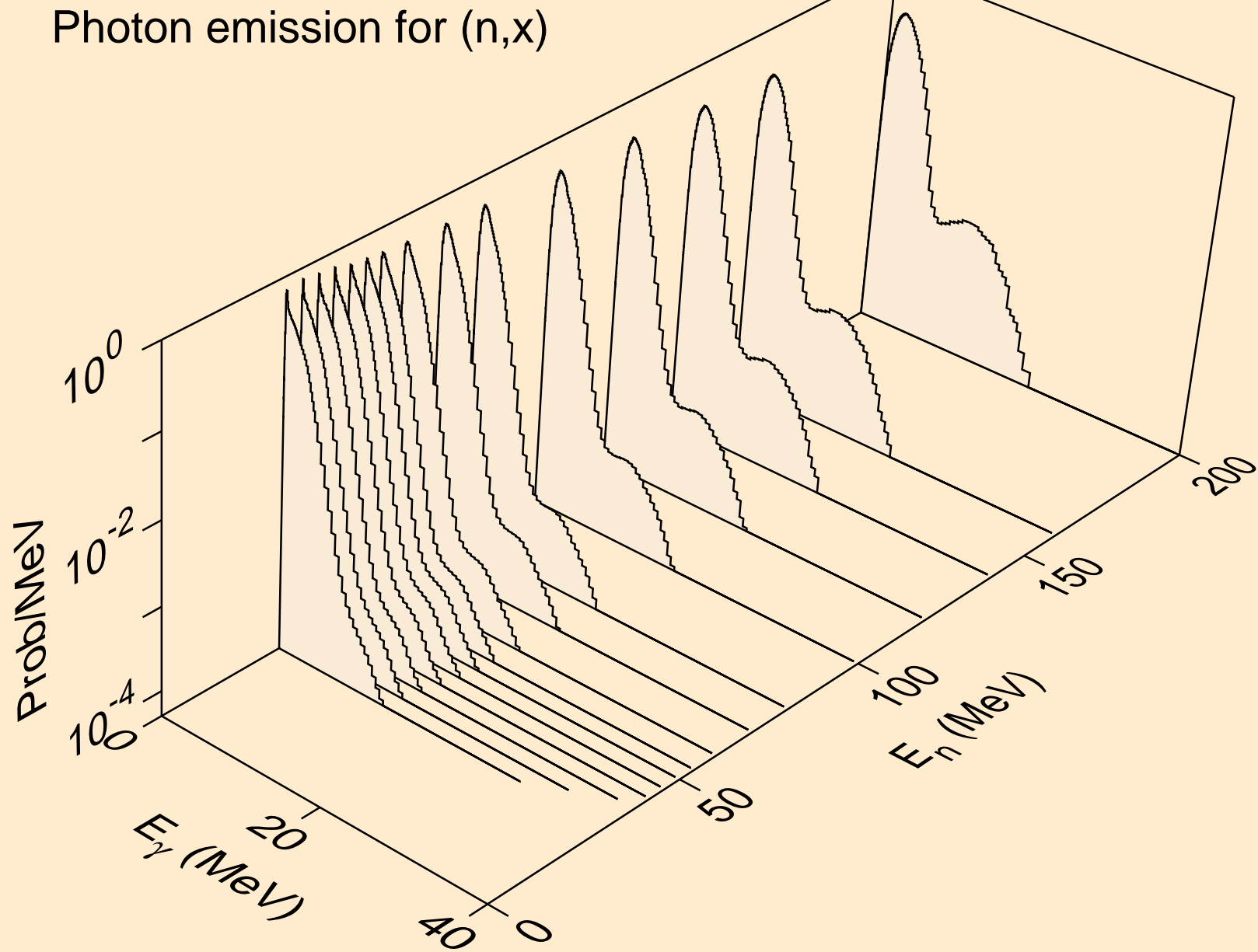


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

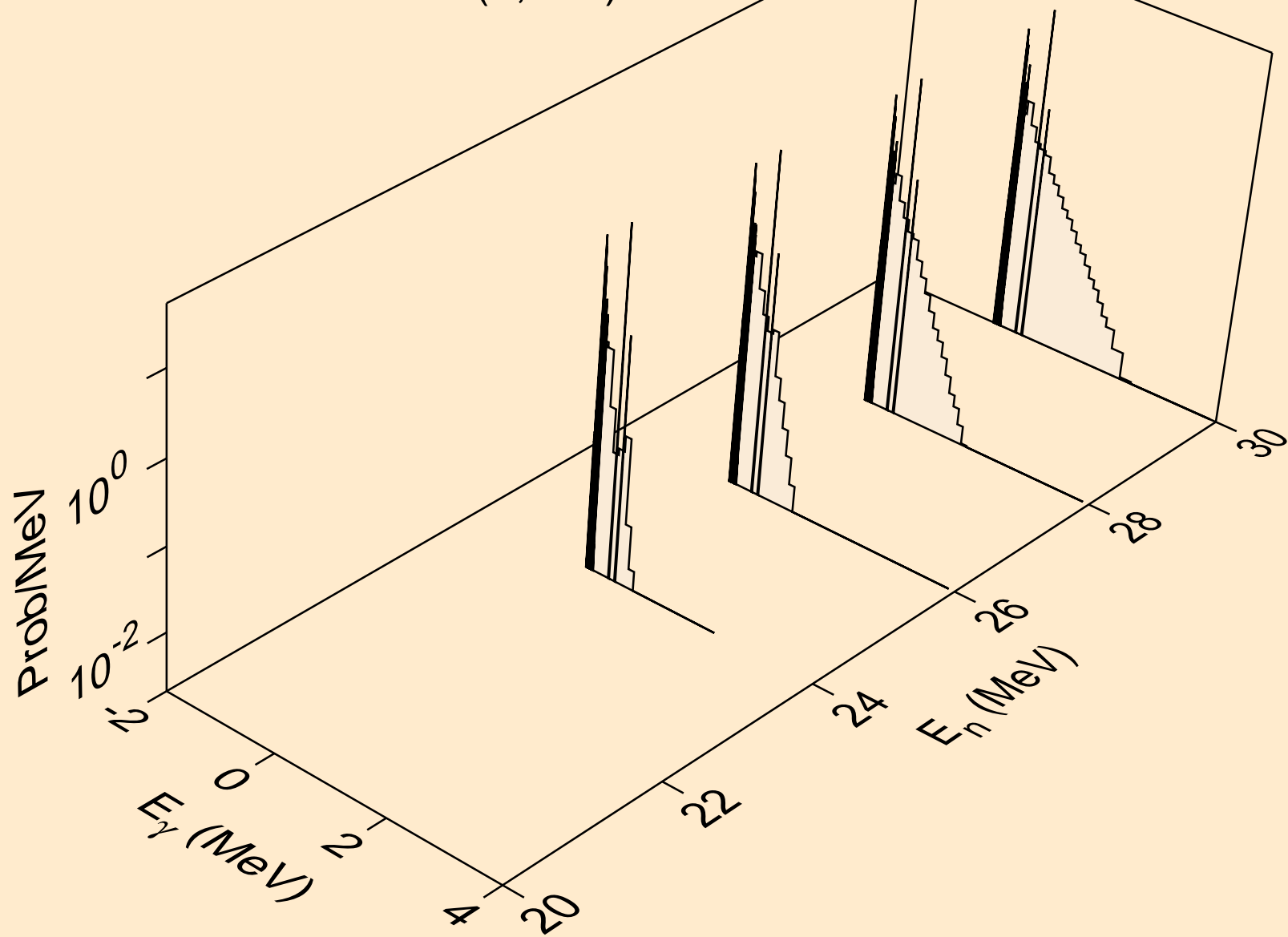




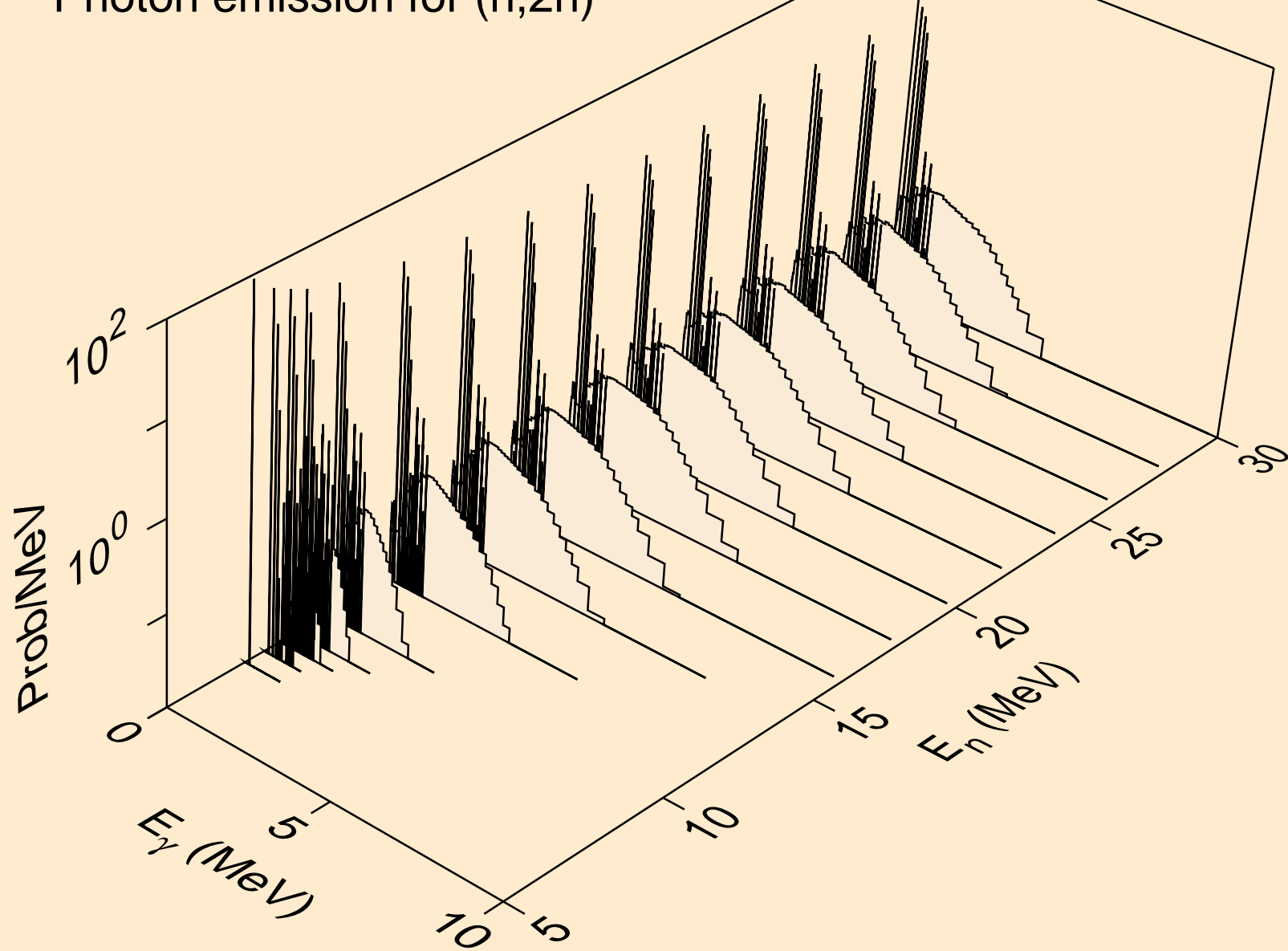
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



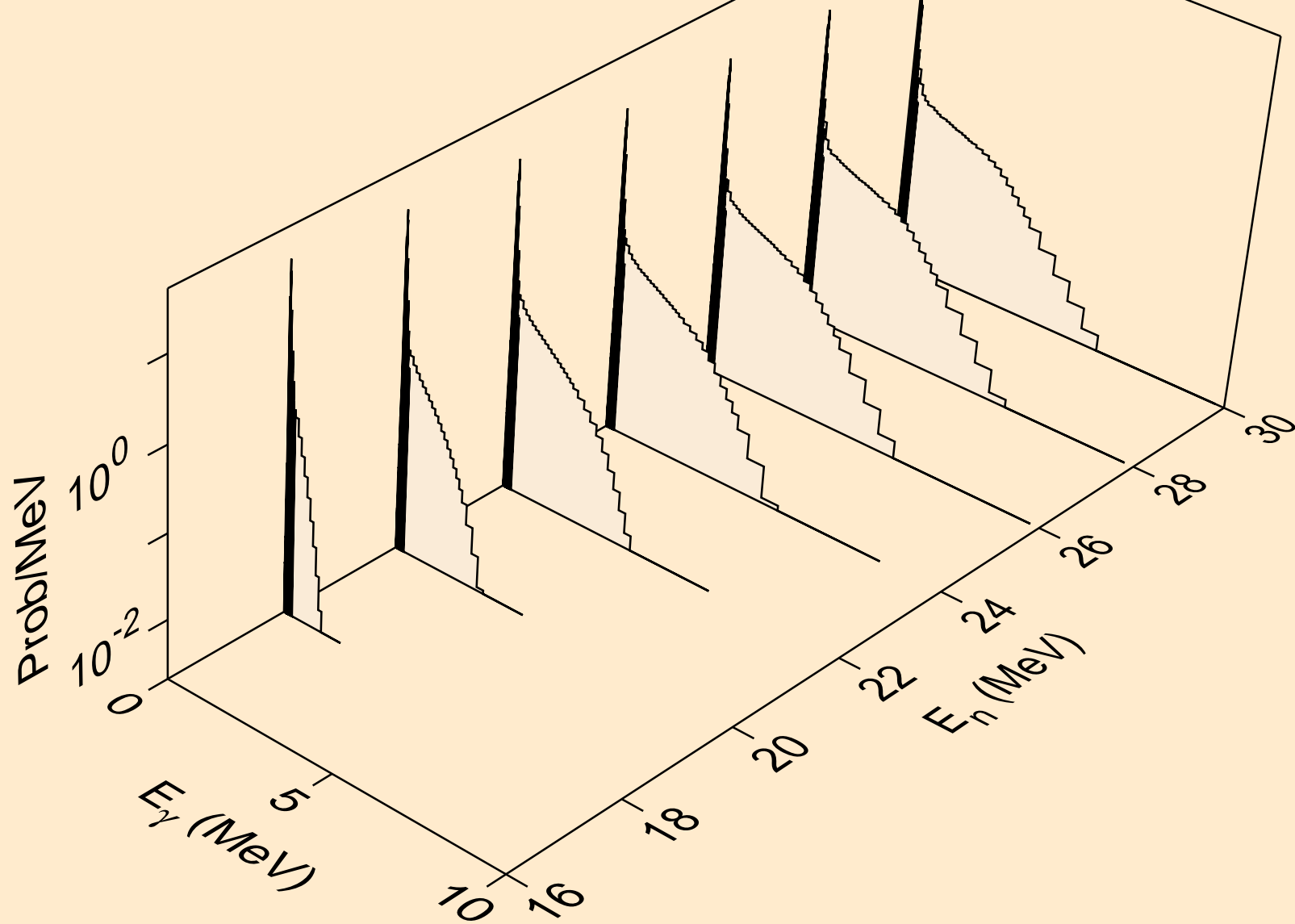
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Photon emission for (n,2nd)



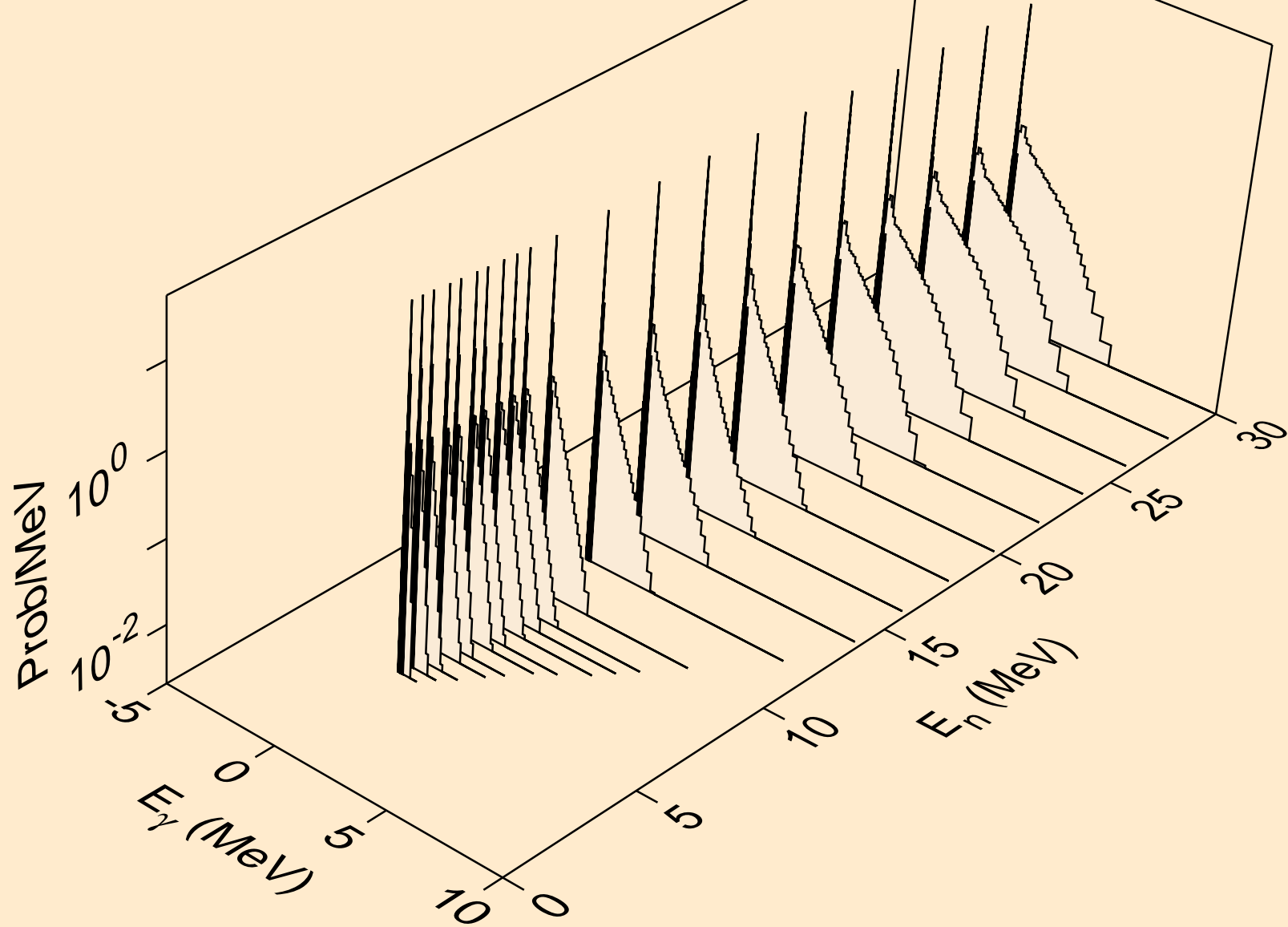
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Photon emission for (n,2n)



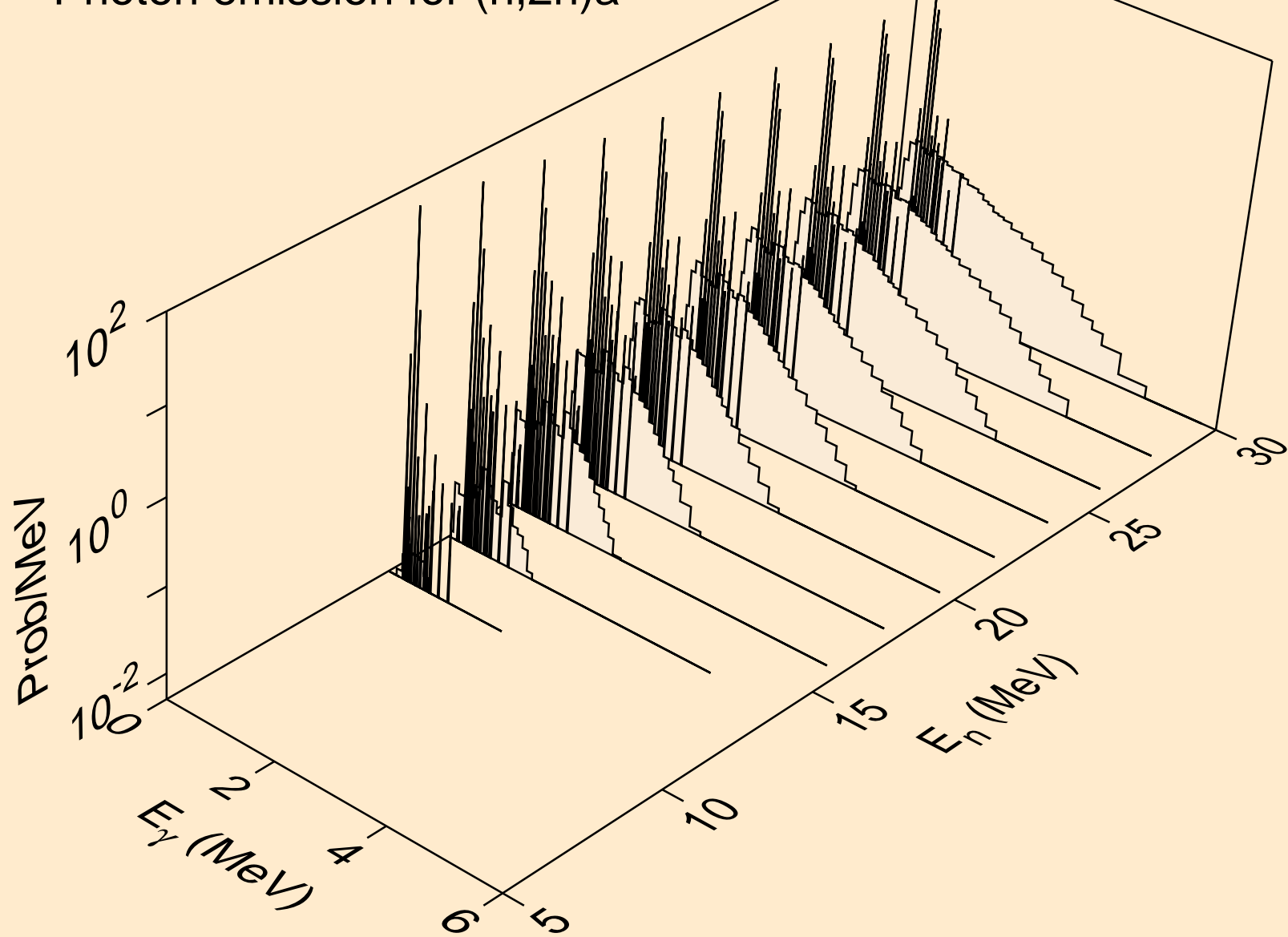
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Photon emission for (n,3n)



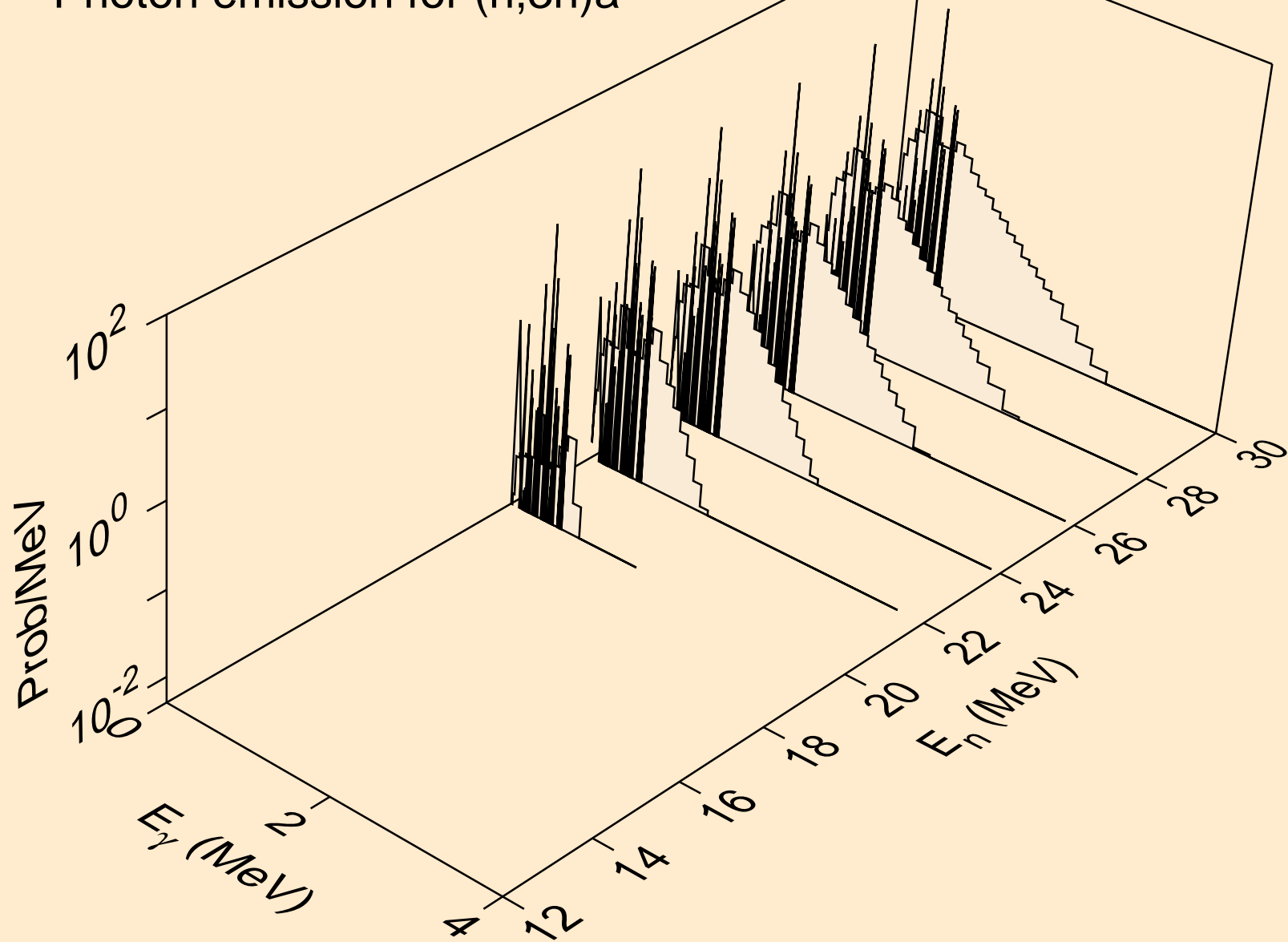
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Photon emission for (n,n\*)a



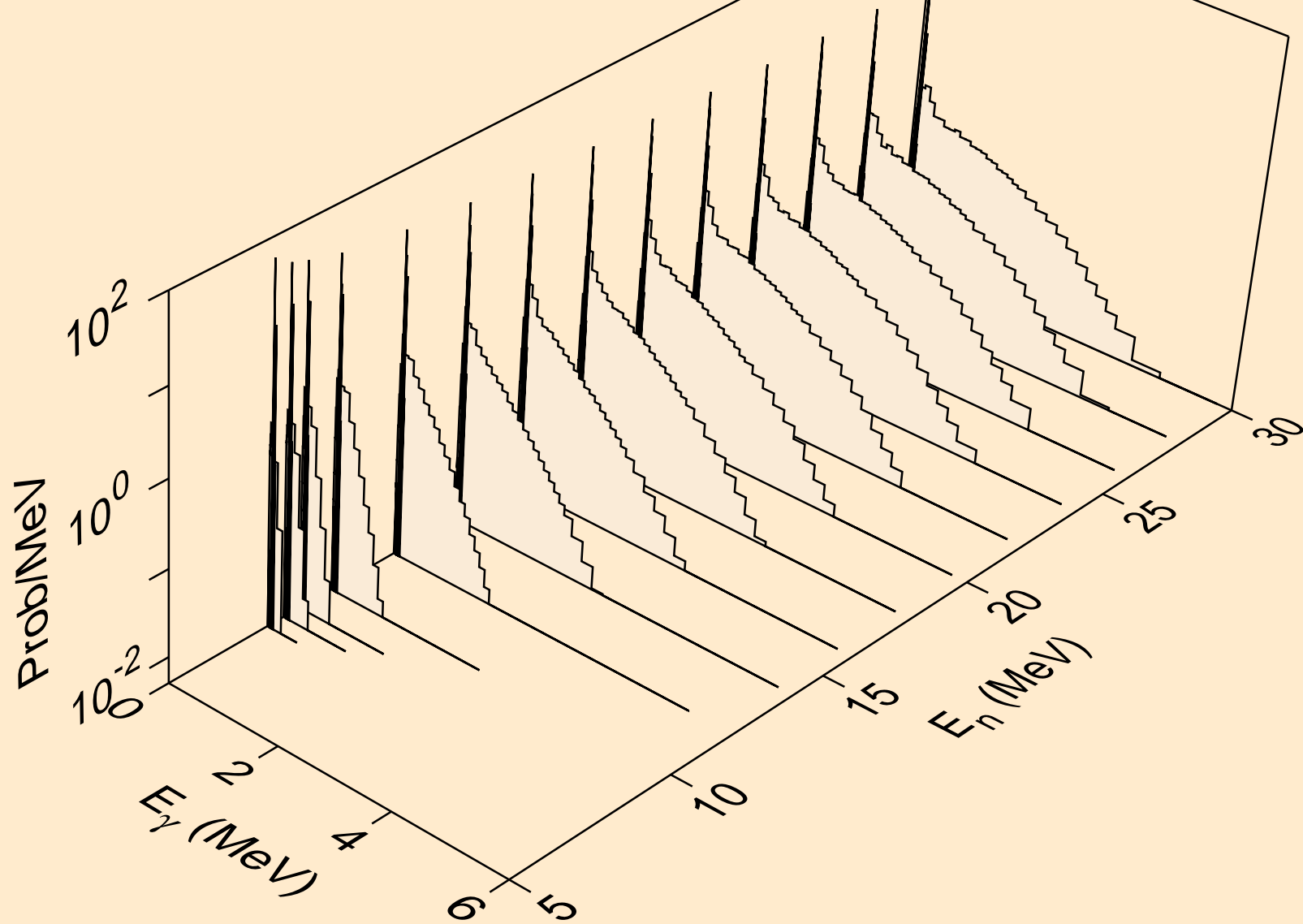
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Photon emission for (n,2n)a



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

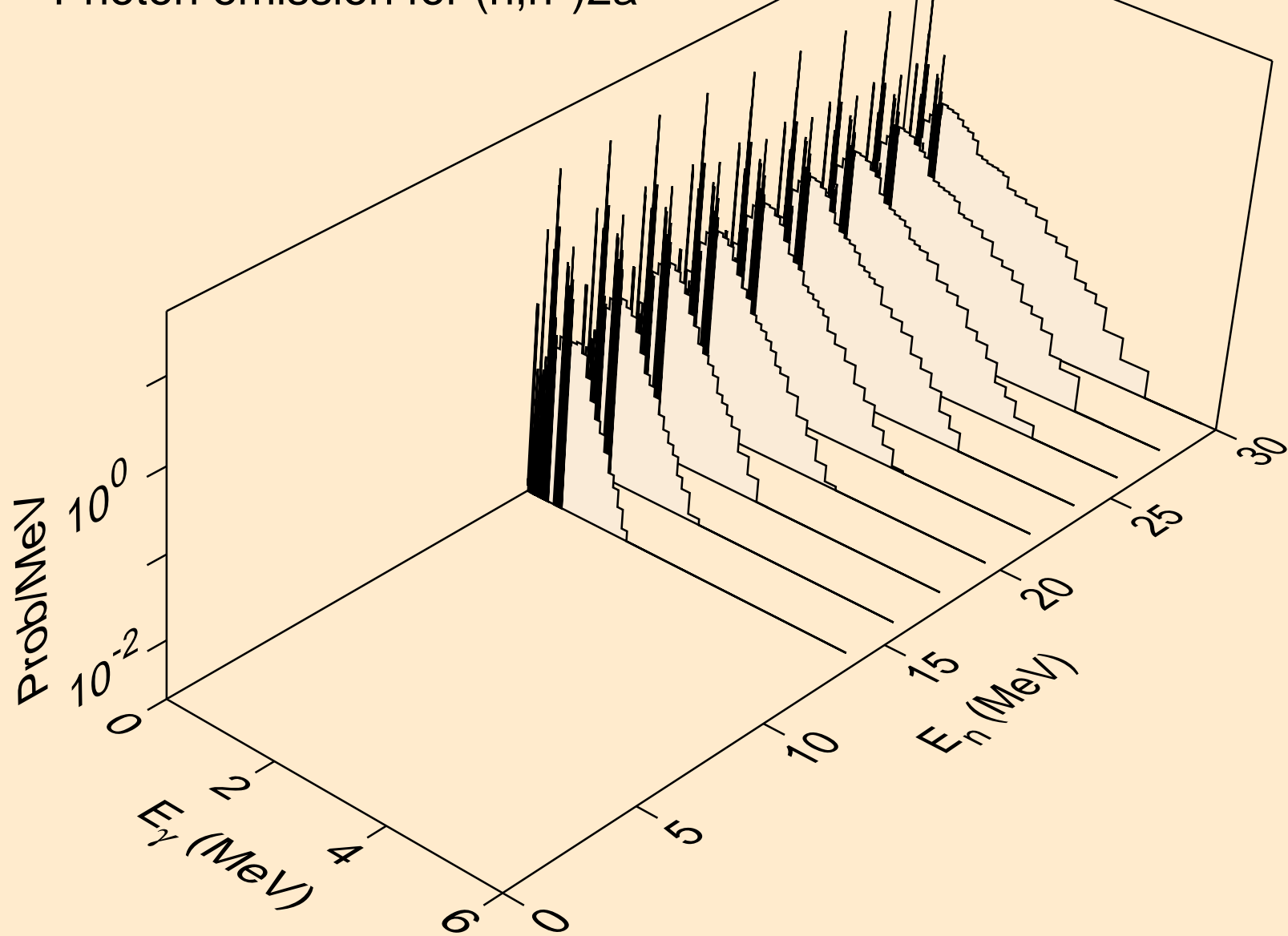


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

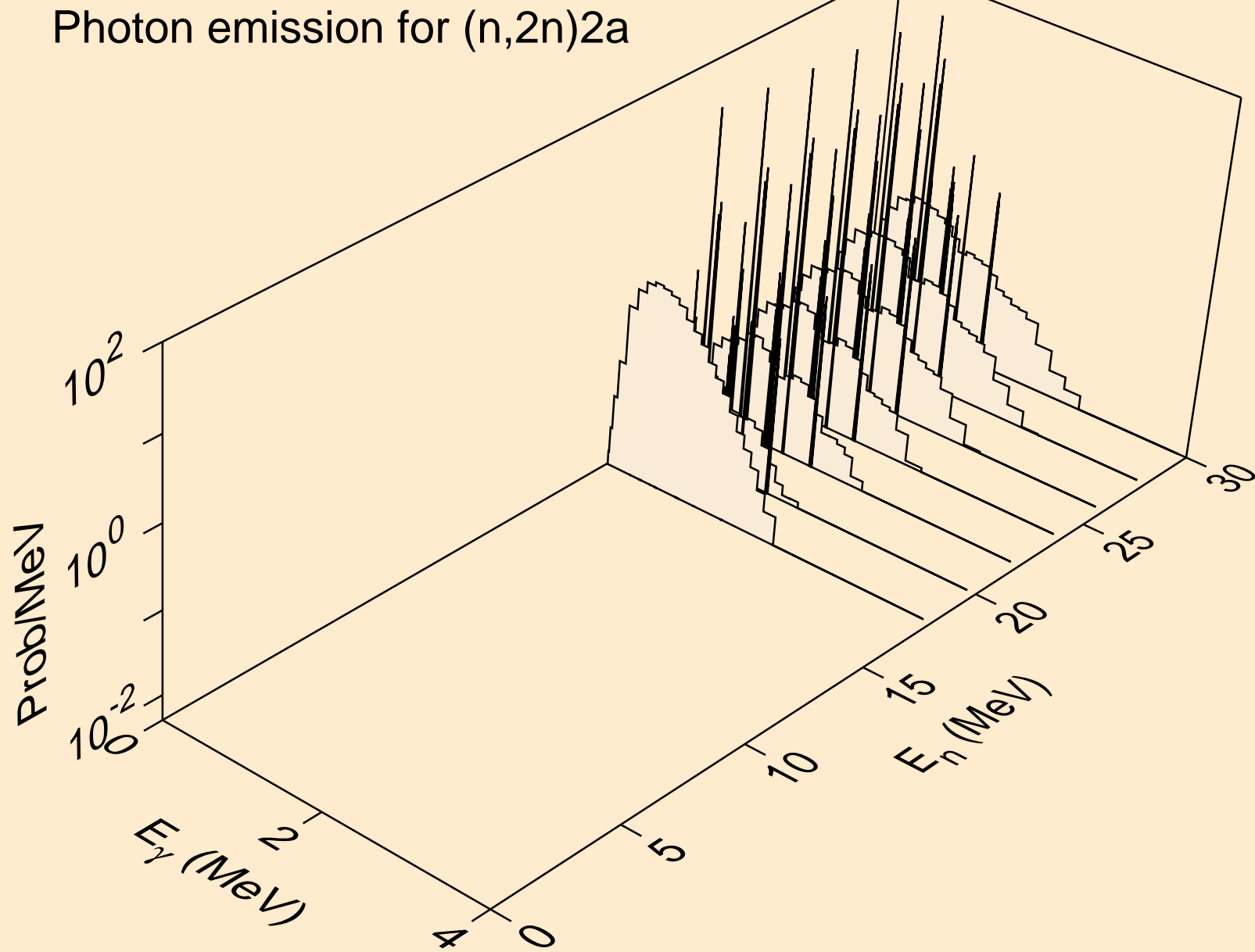




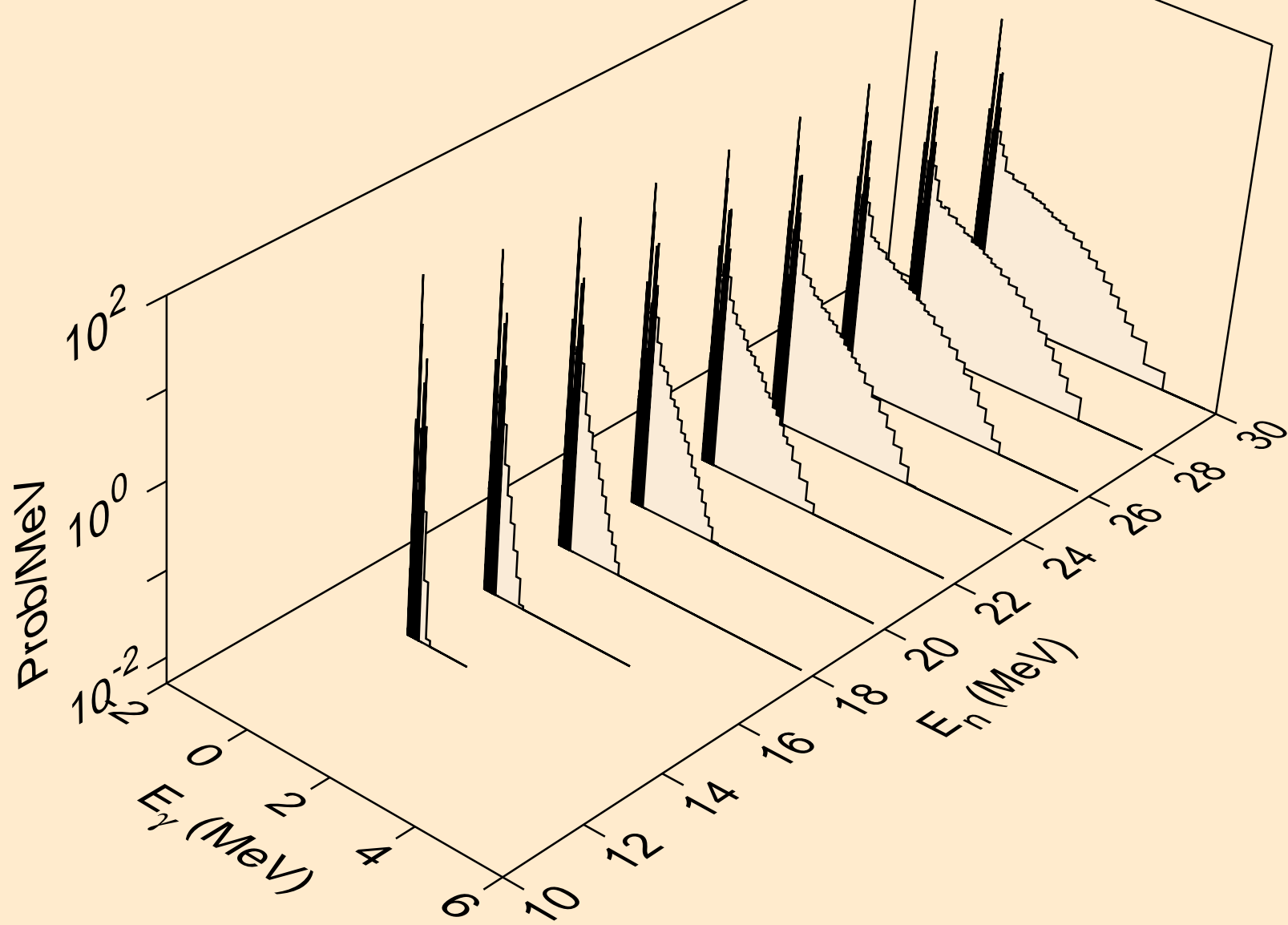
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



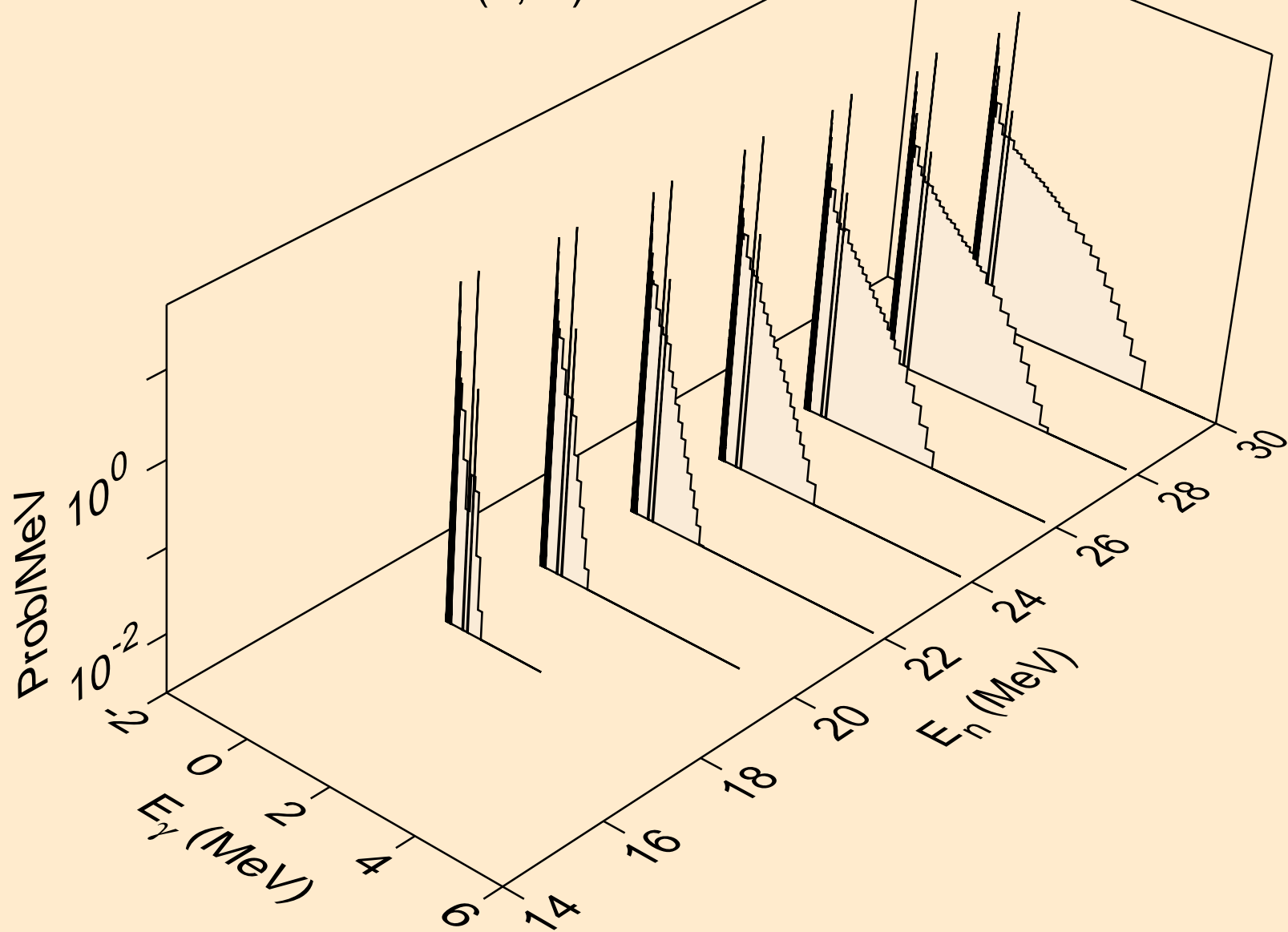
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Photon emission for (n,2n)2a



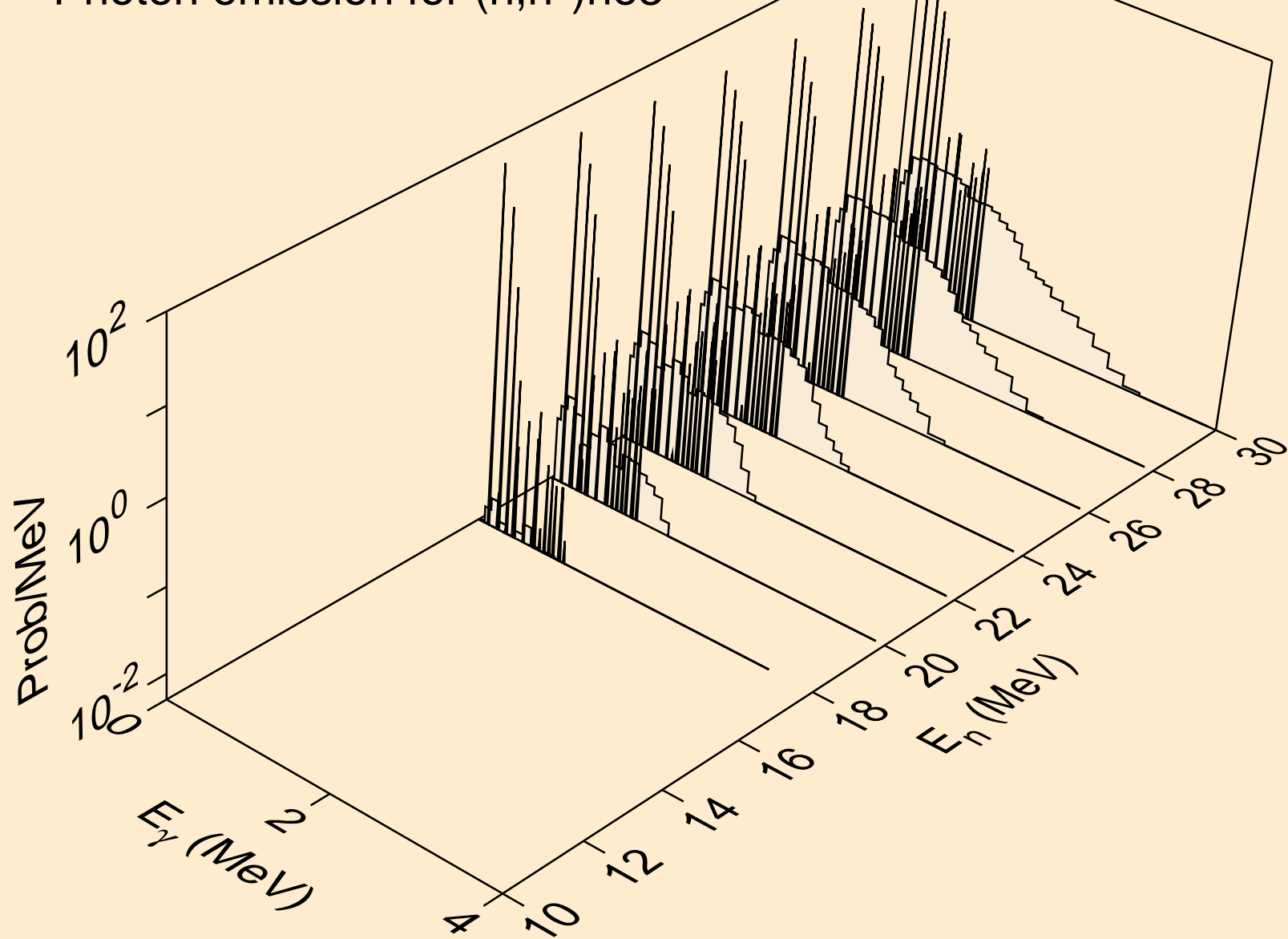
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



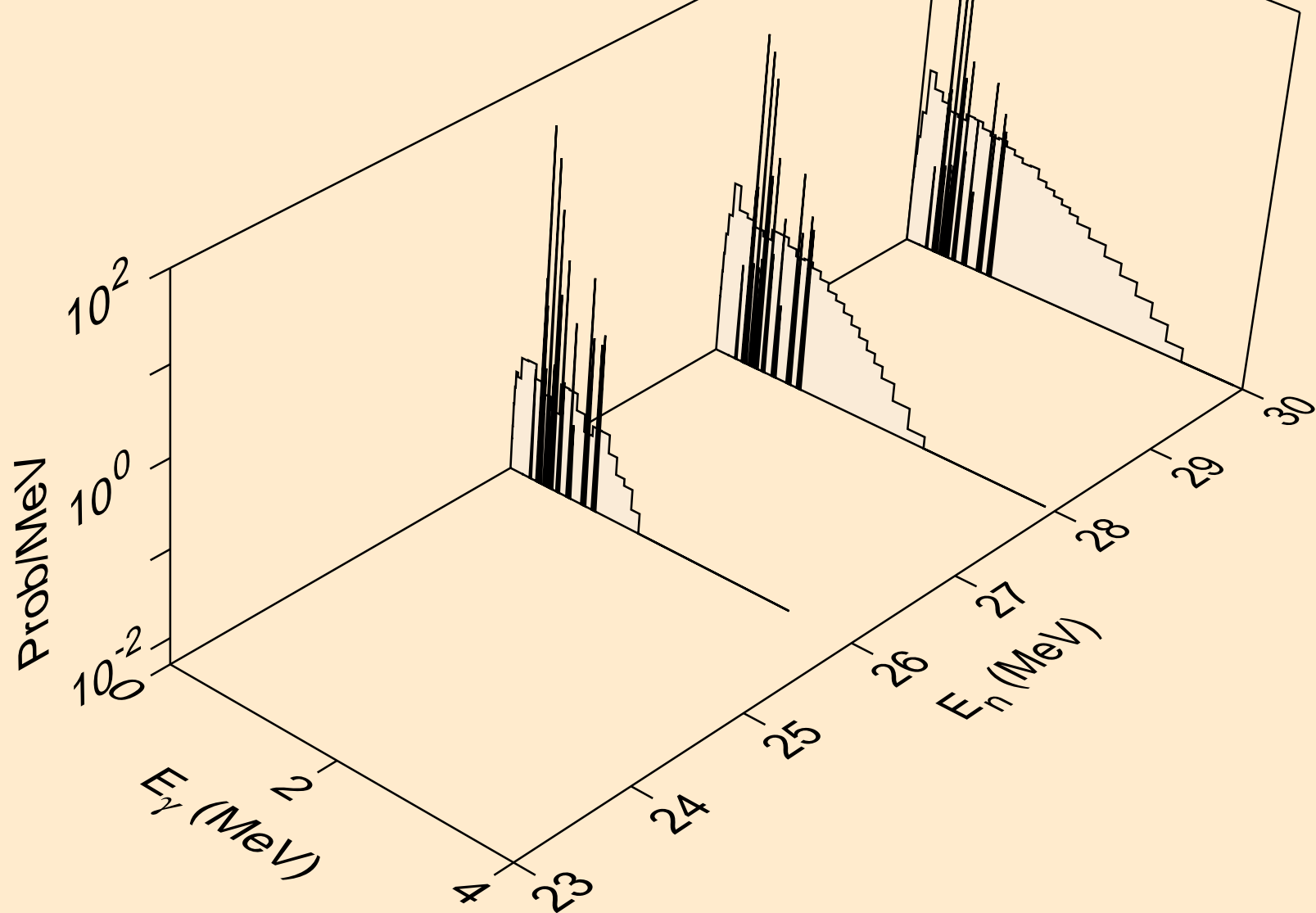
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Photon emission for (n,n\*)t



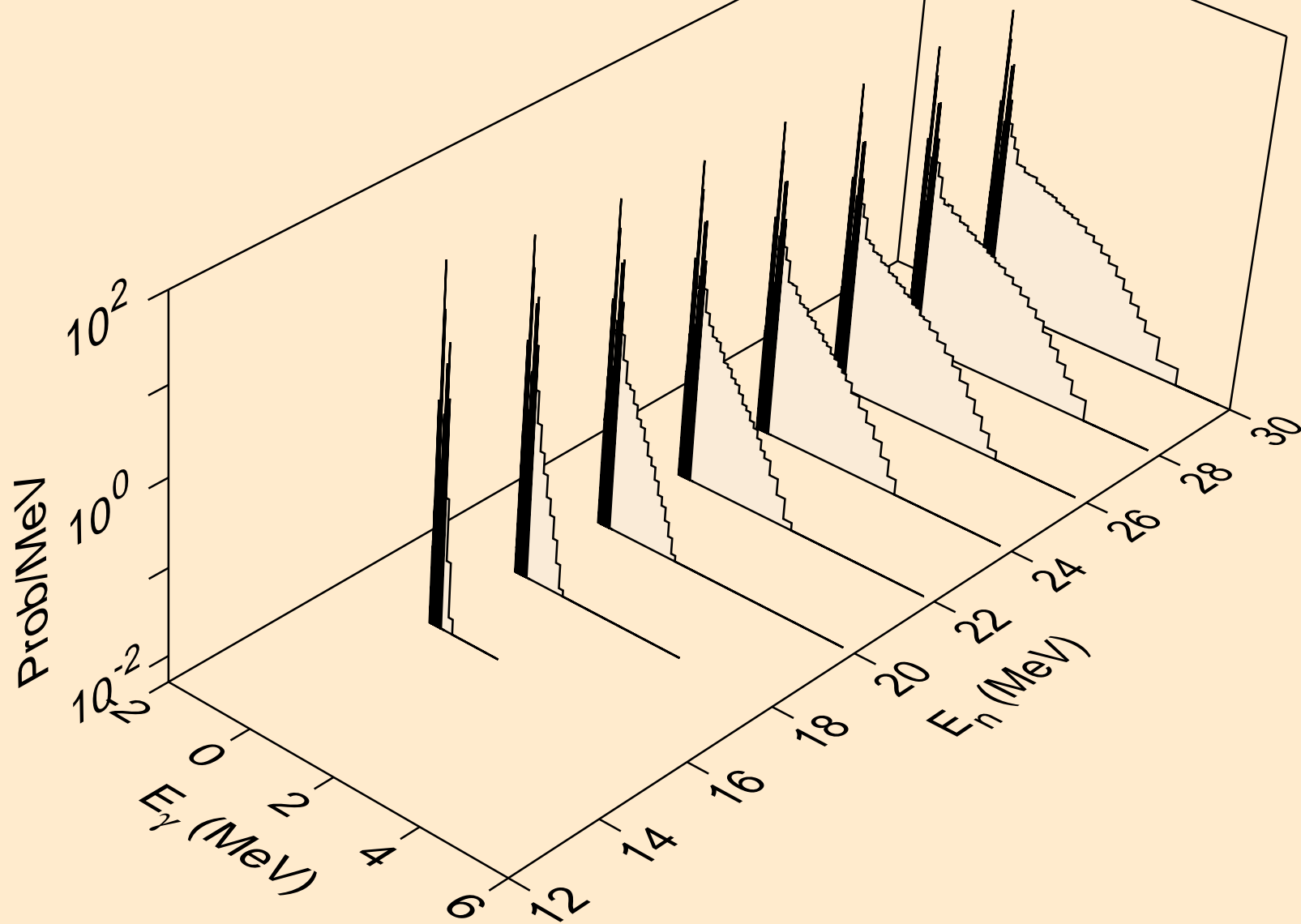
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Photon emission for (n,n\*)he3



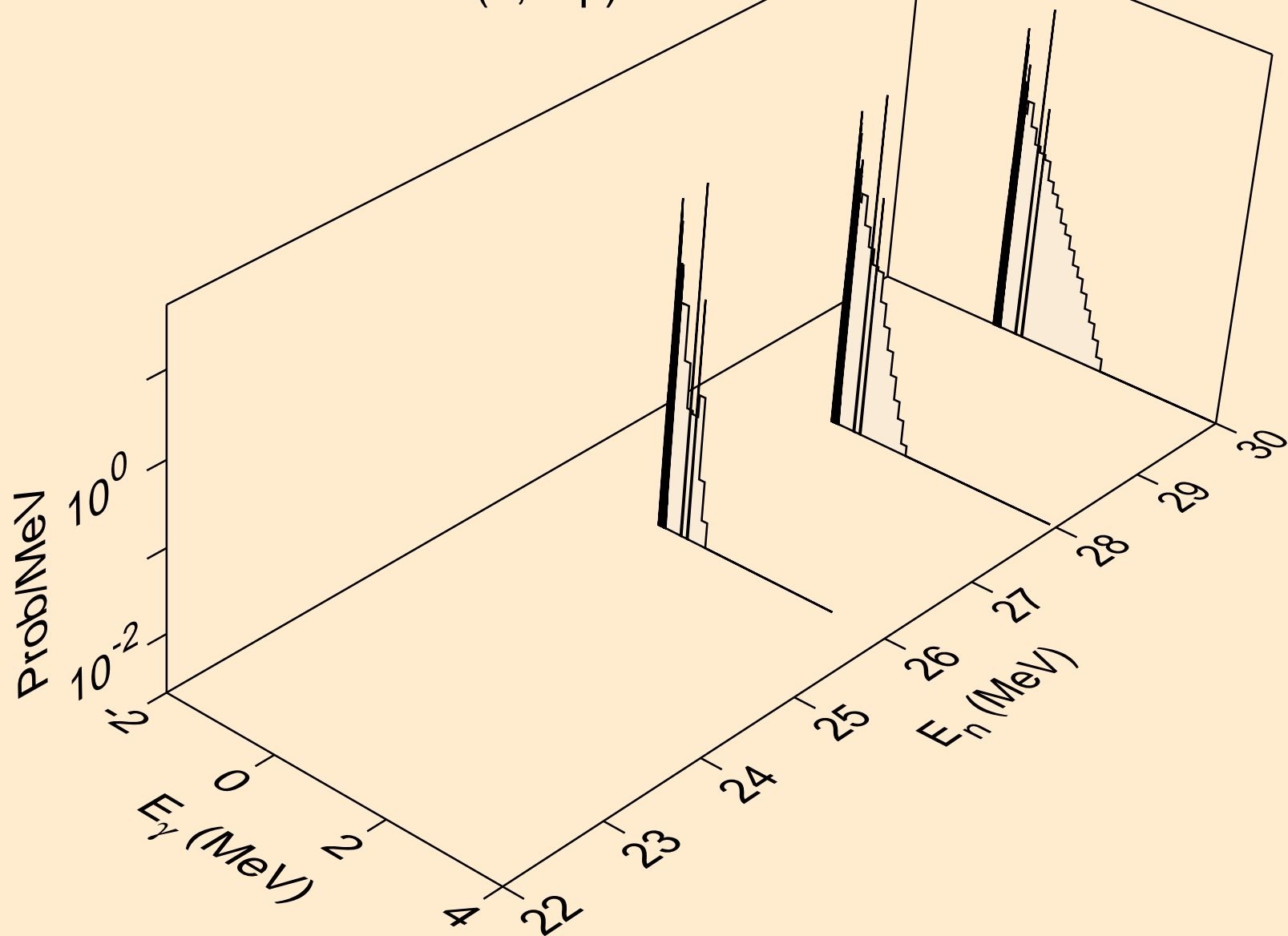
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

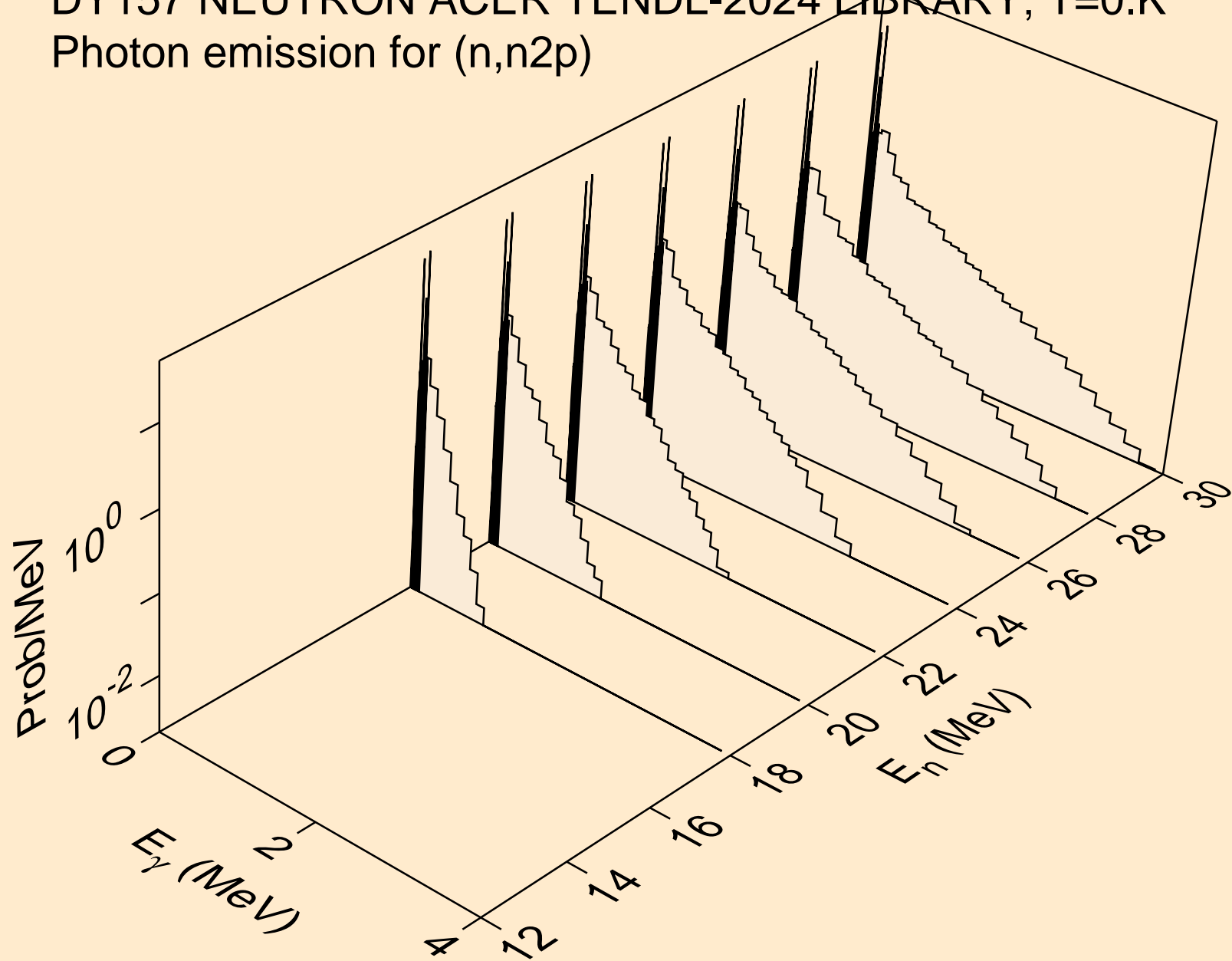


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Photon emission for (n,3np)

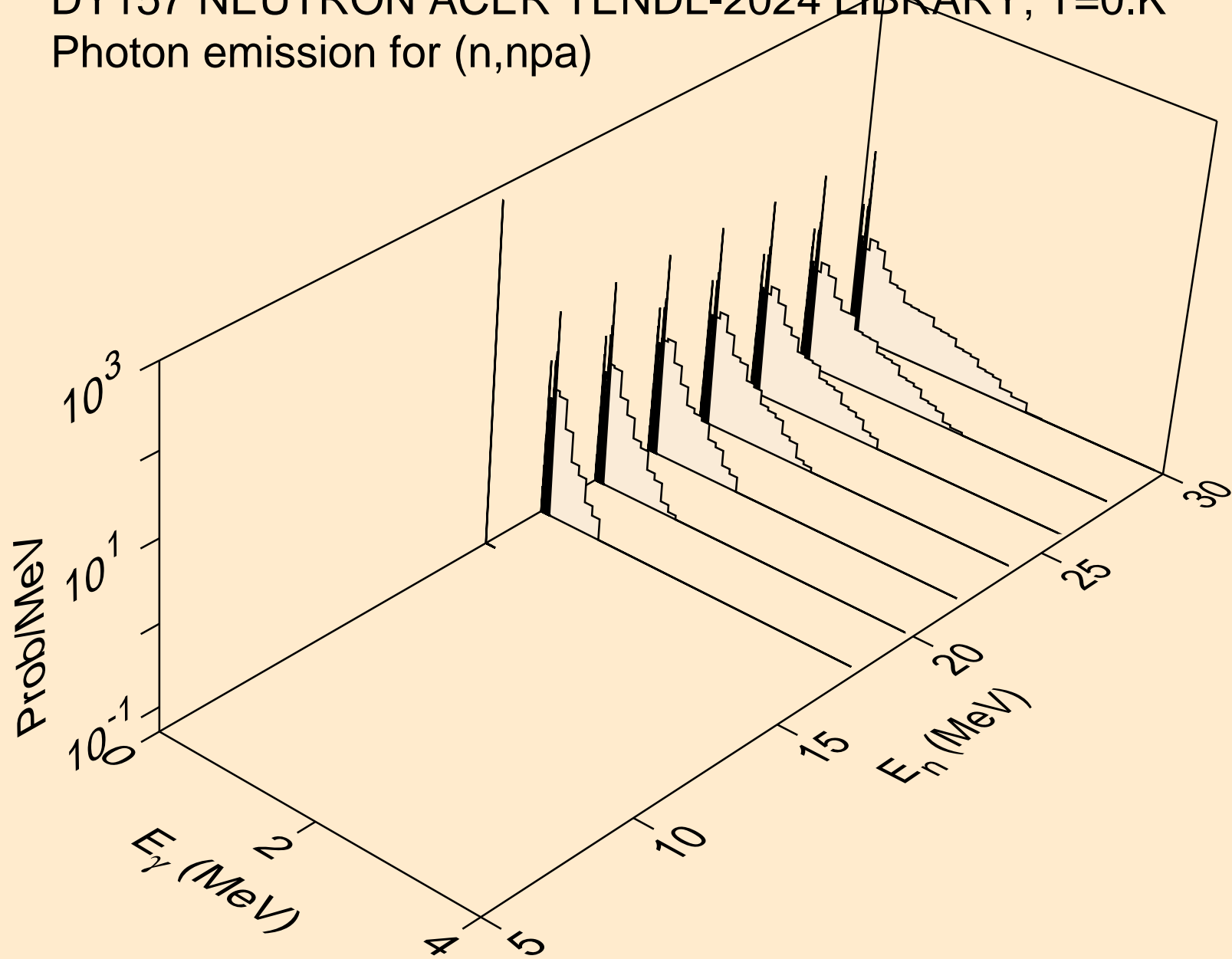




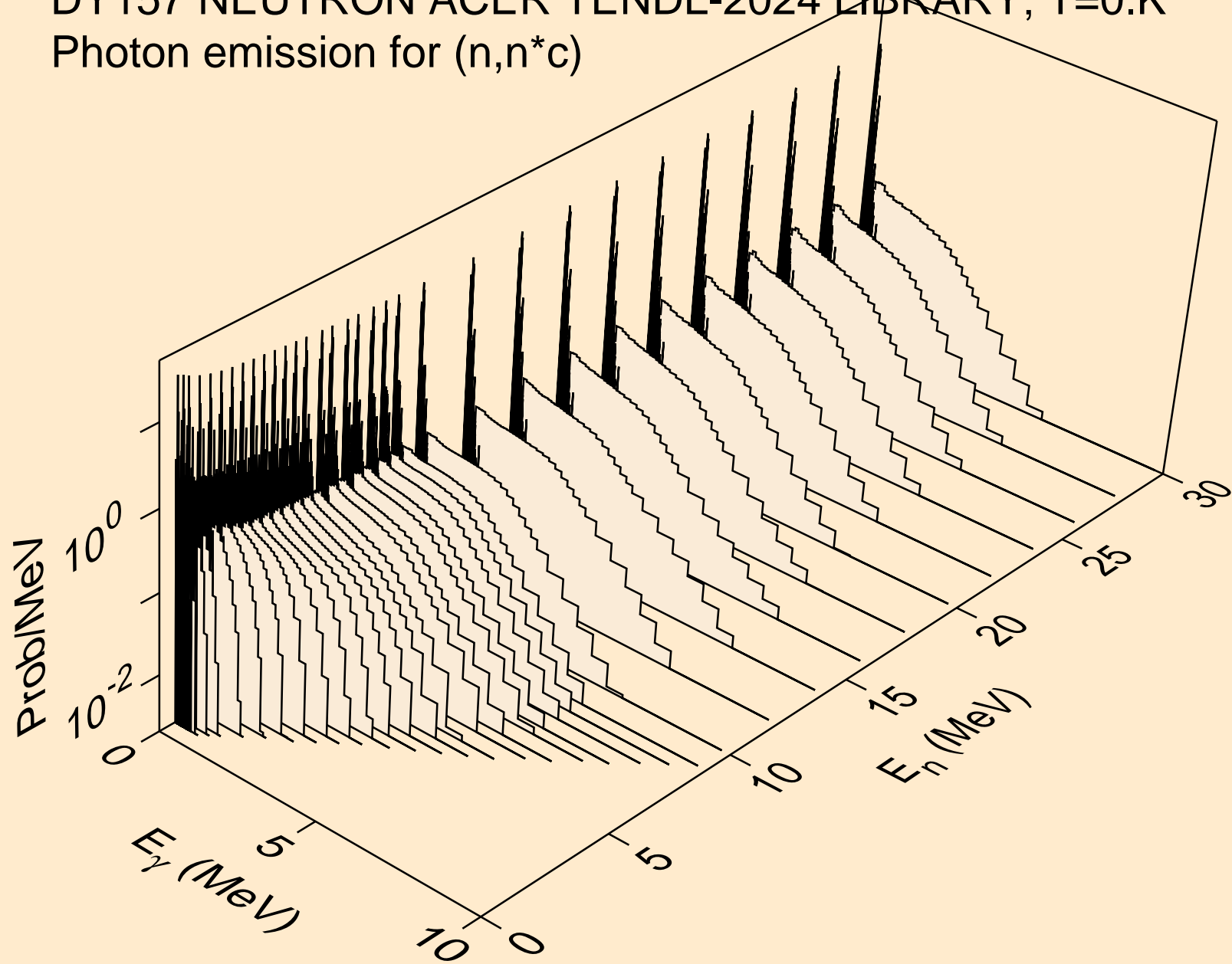
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Photon emission for (n,n2p)



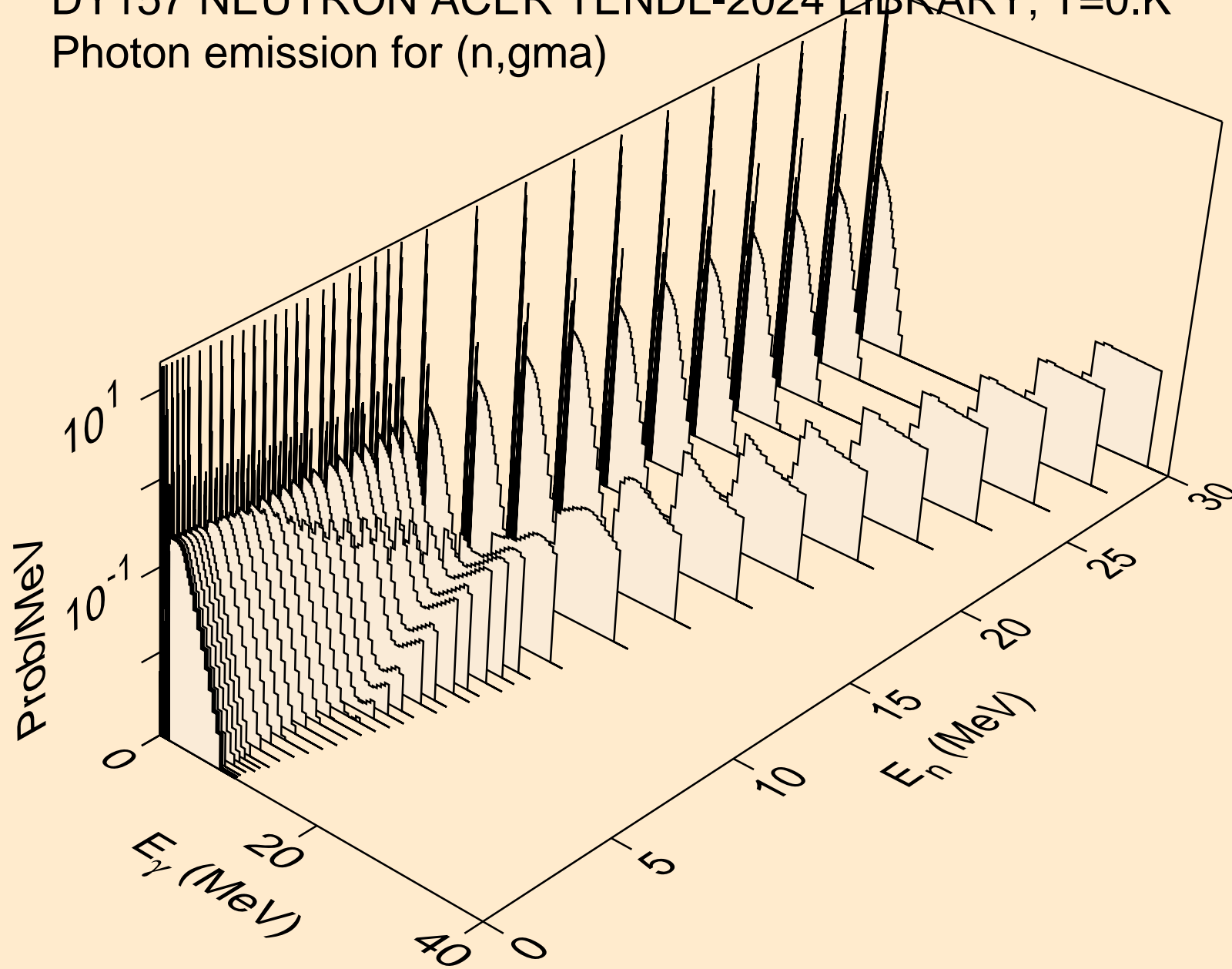
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Photon emission for (n,npa)



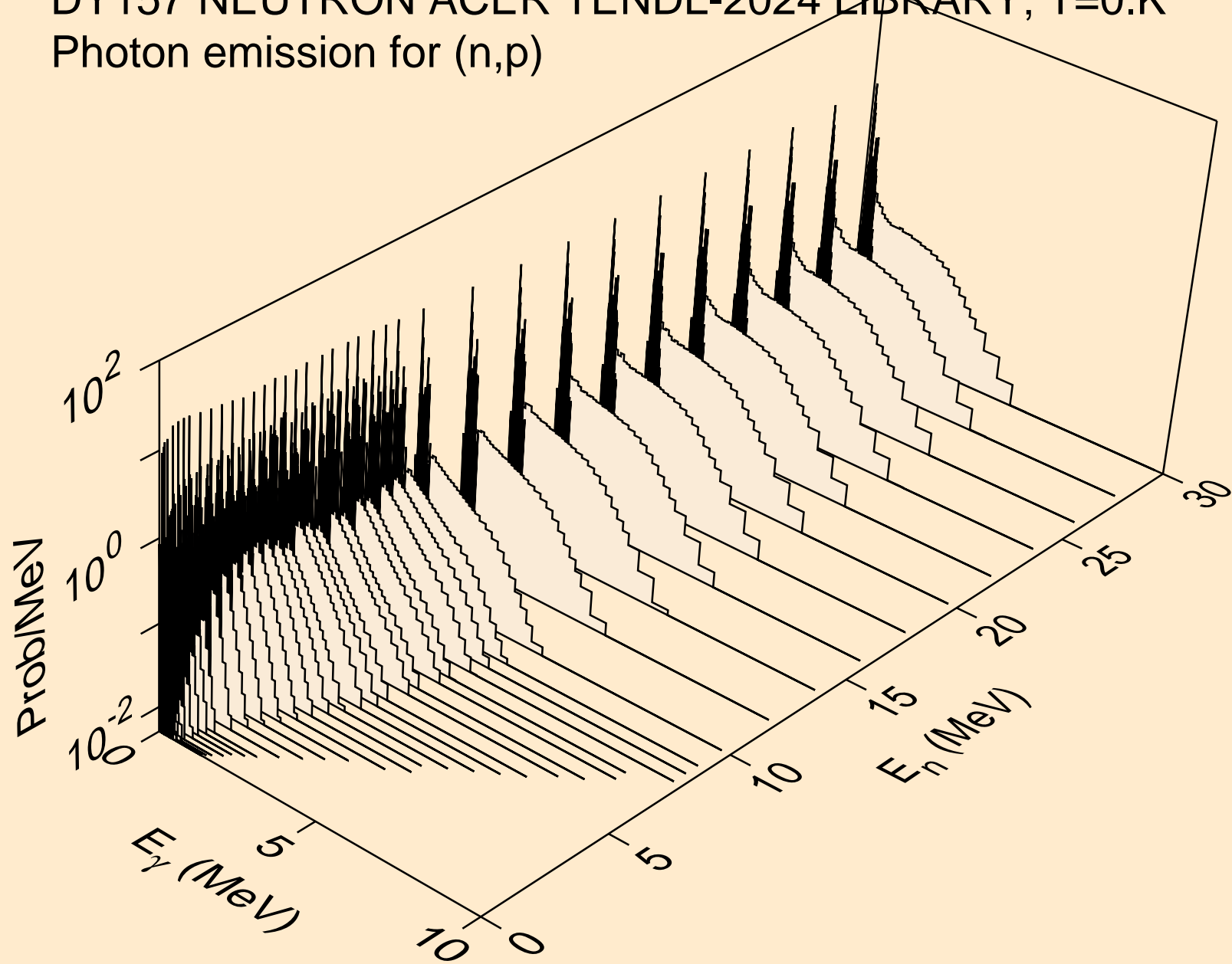
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Photon emission for (n,n\*c)



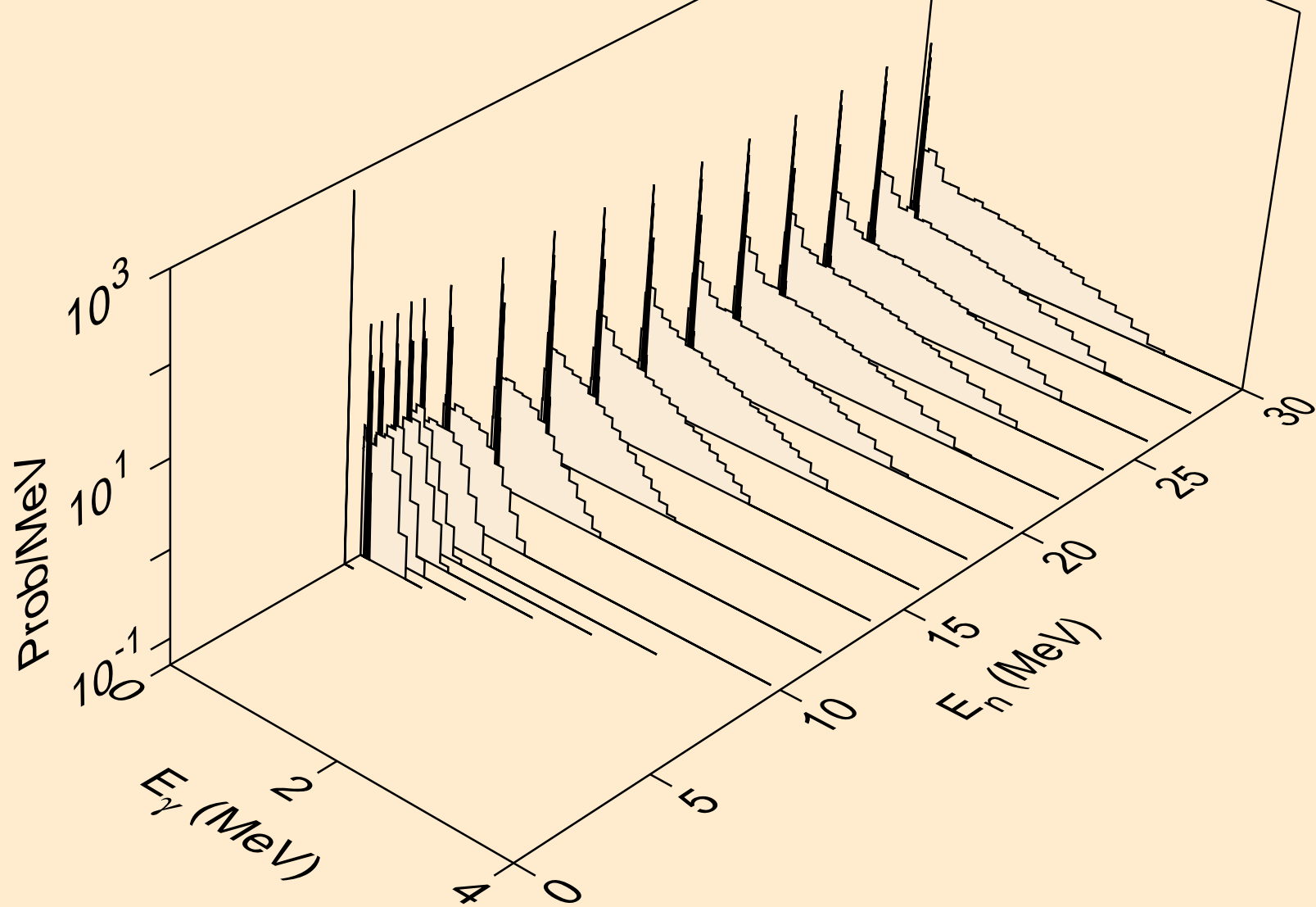
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Photon emission for (n,gma)



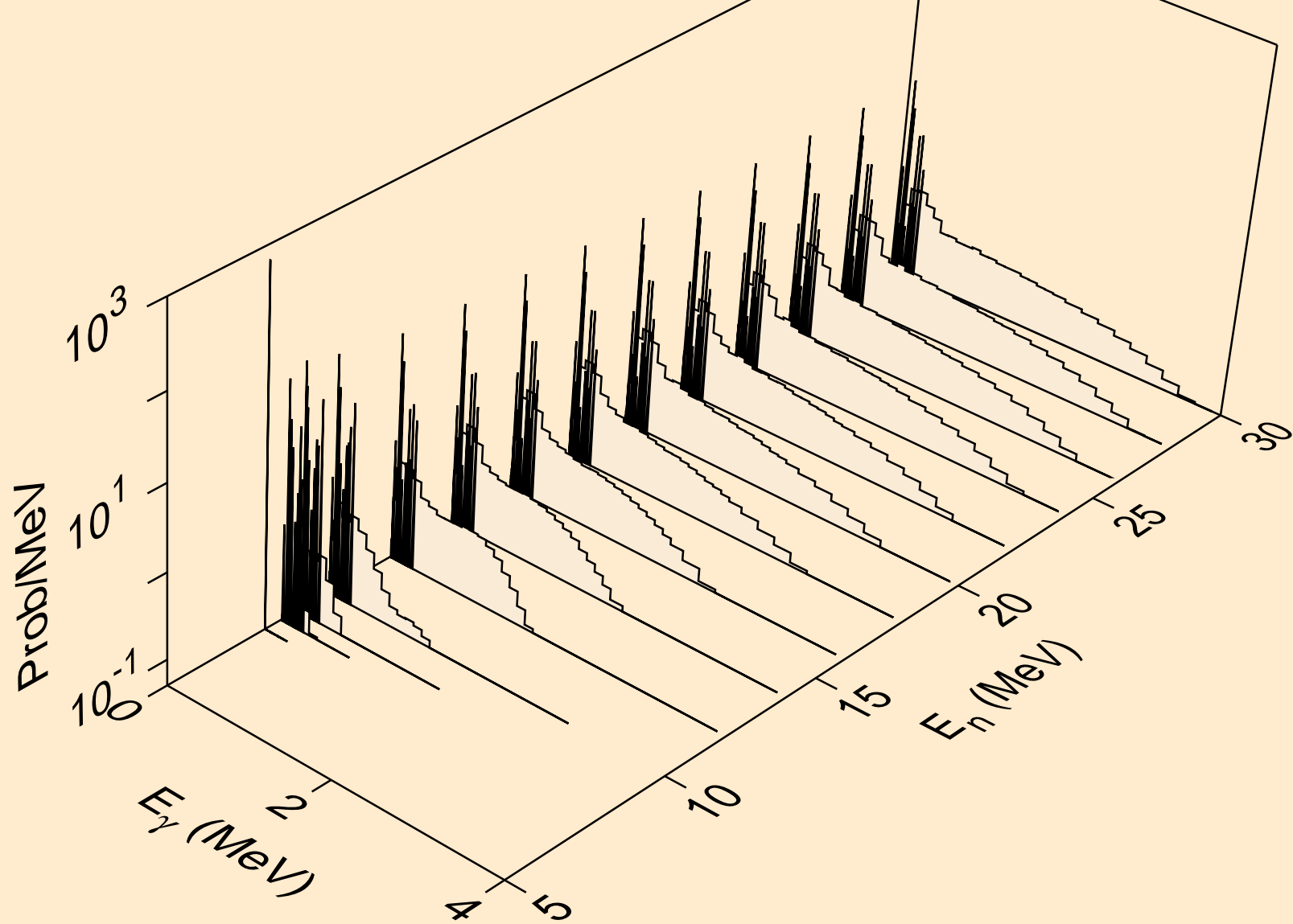
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Photon emission for (n,p)



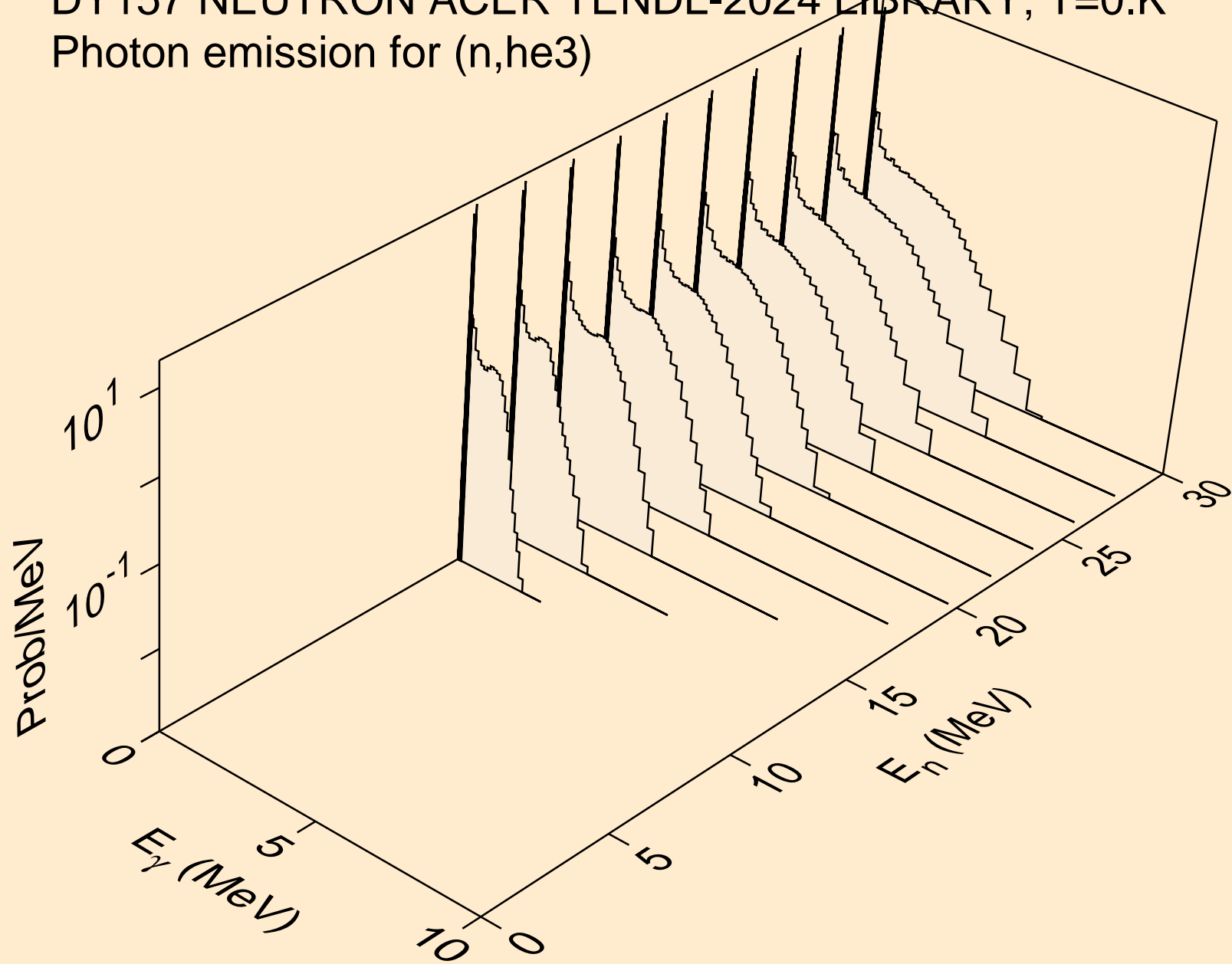
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

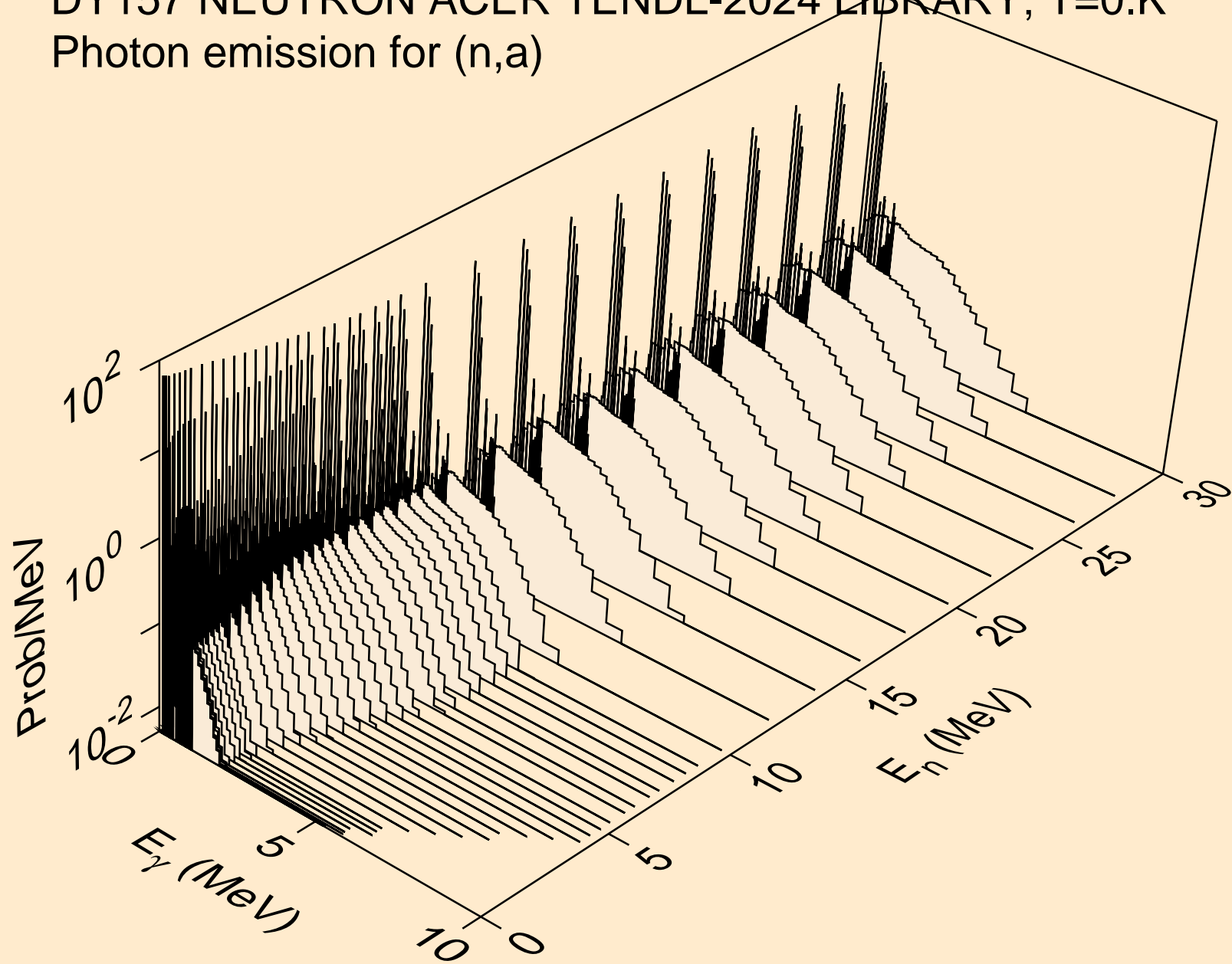


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Photon emission for (n,he3)

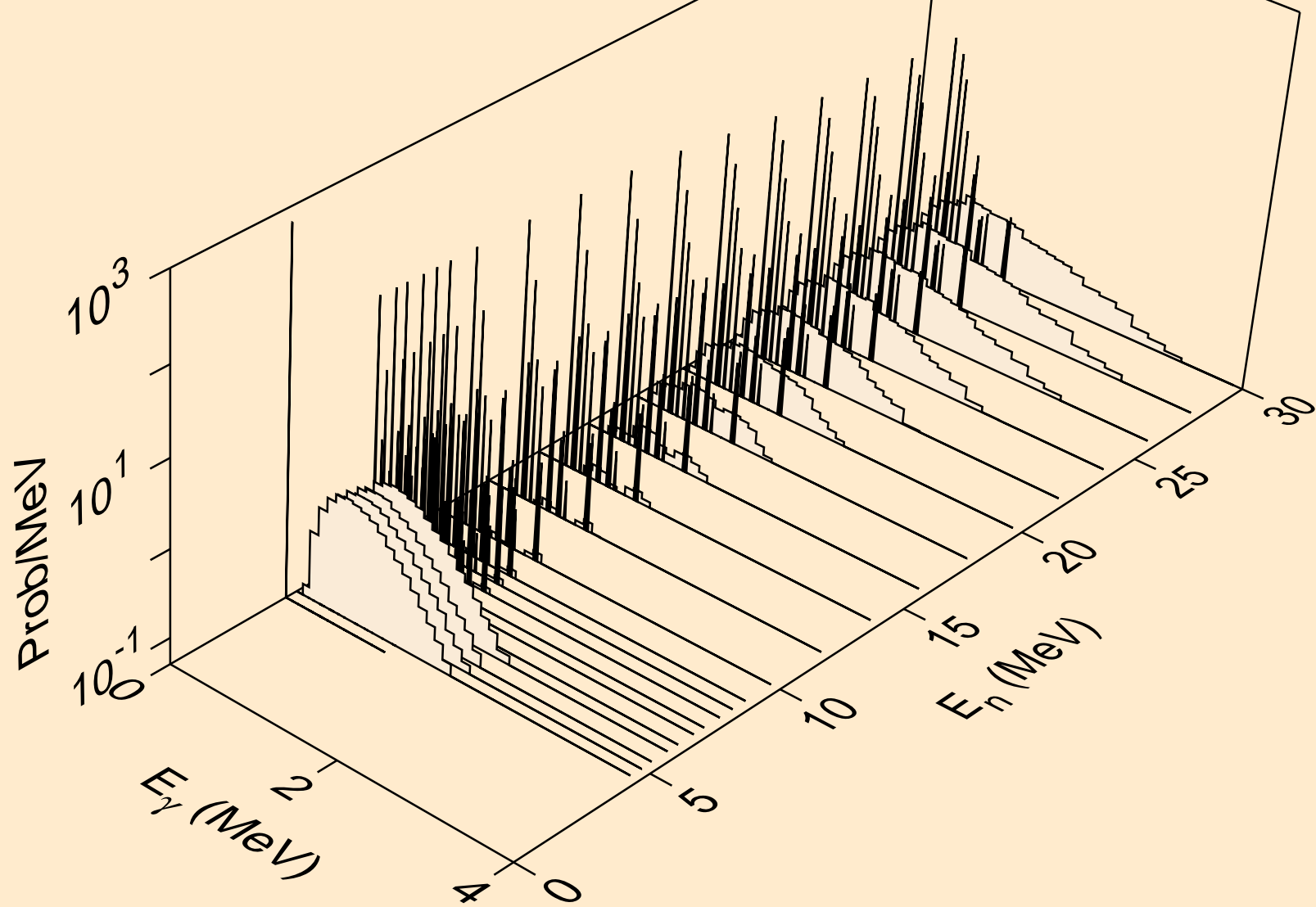




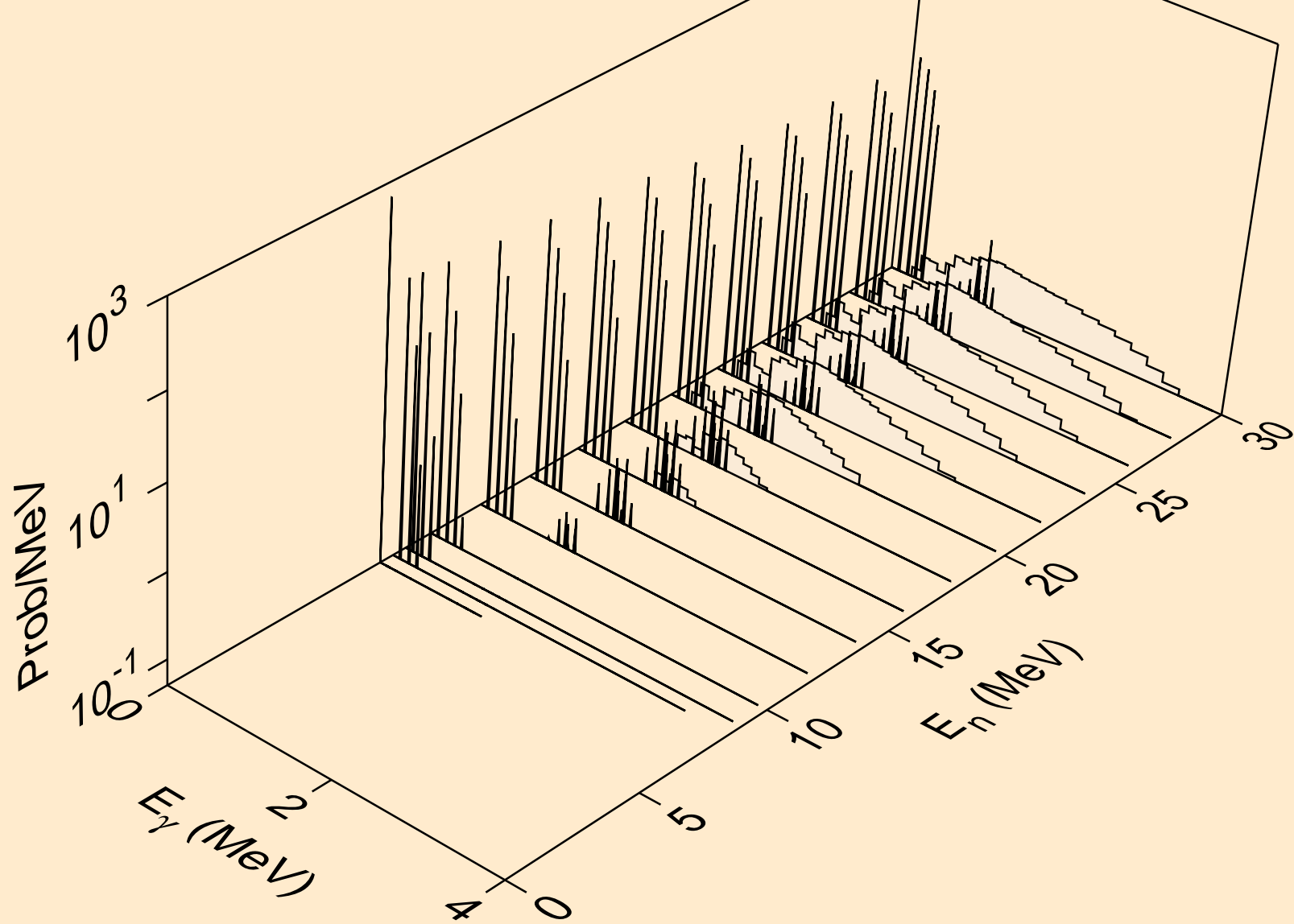
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Photon emission for (n,a)



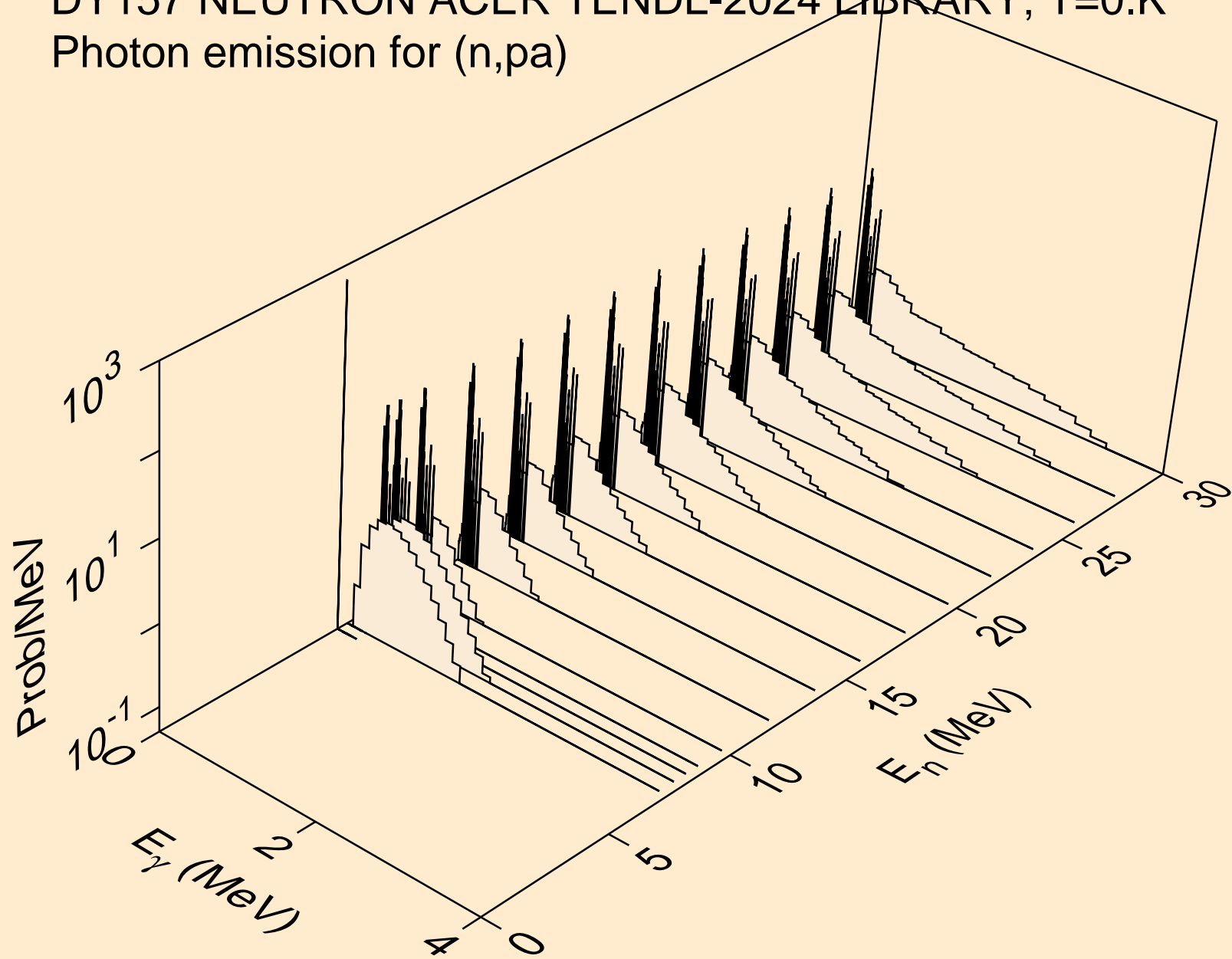
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Photon emission for (n,2a)



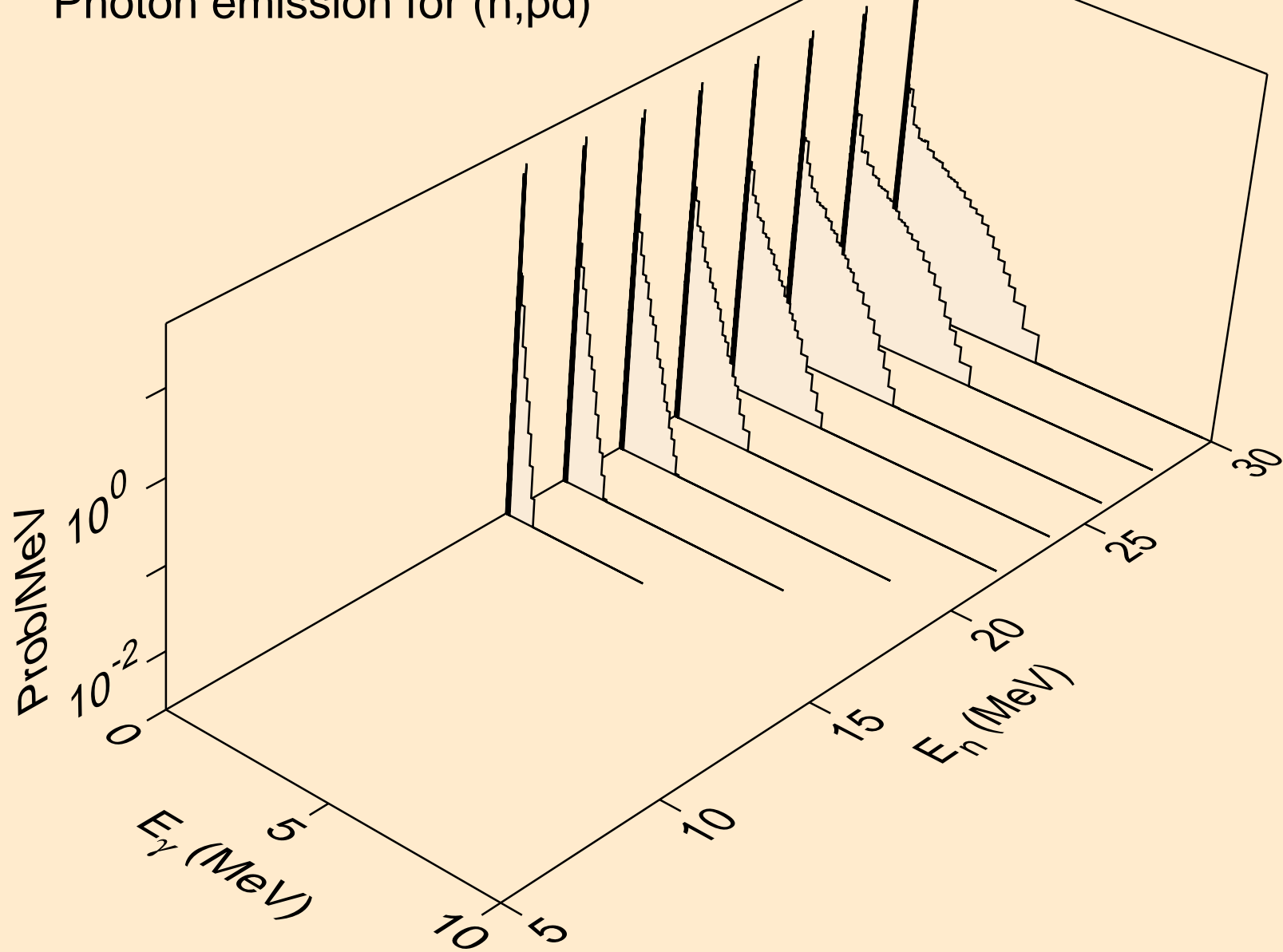
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Photon emission for (n,2p)



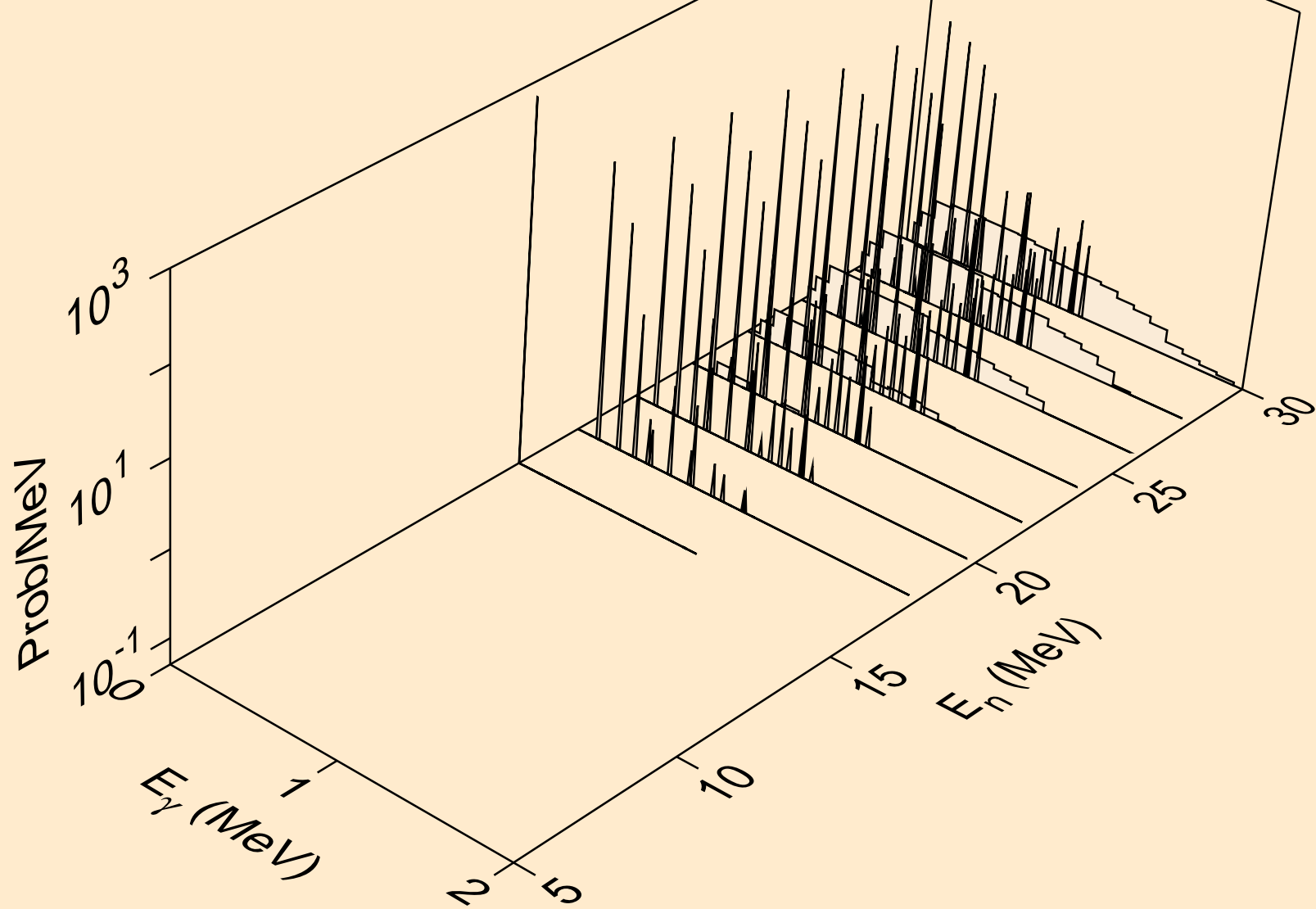
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Photon emission for (n,p $\alpha$ )



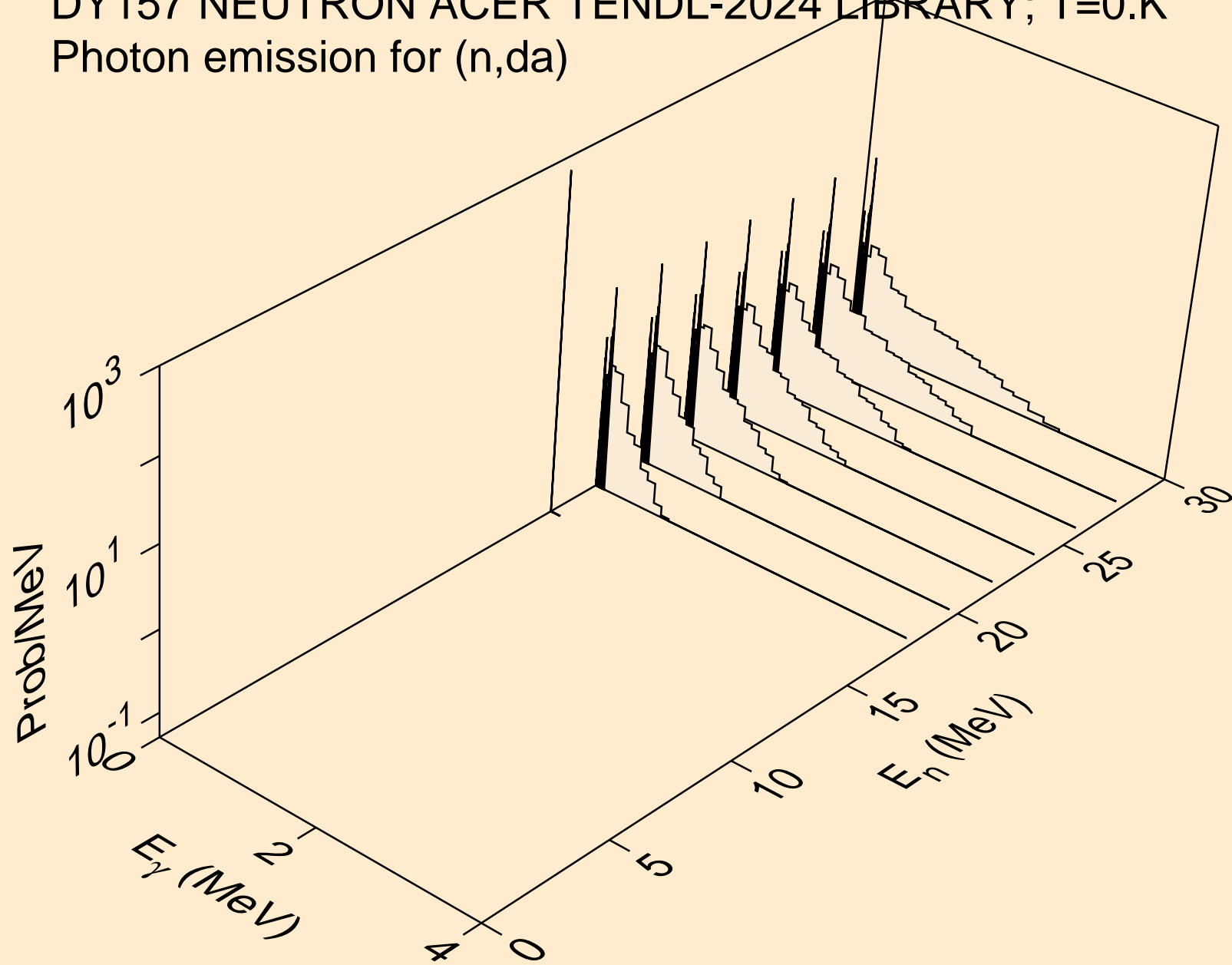
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Photon emission for (n,pd)



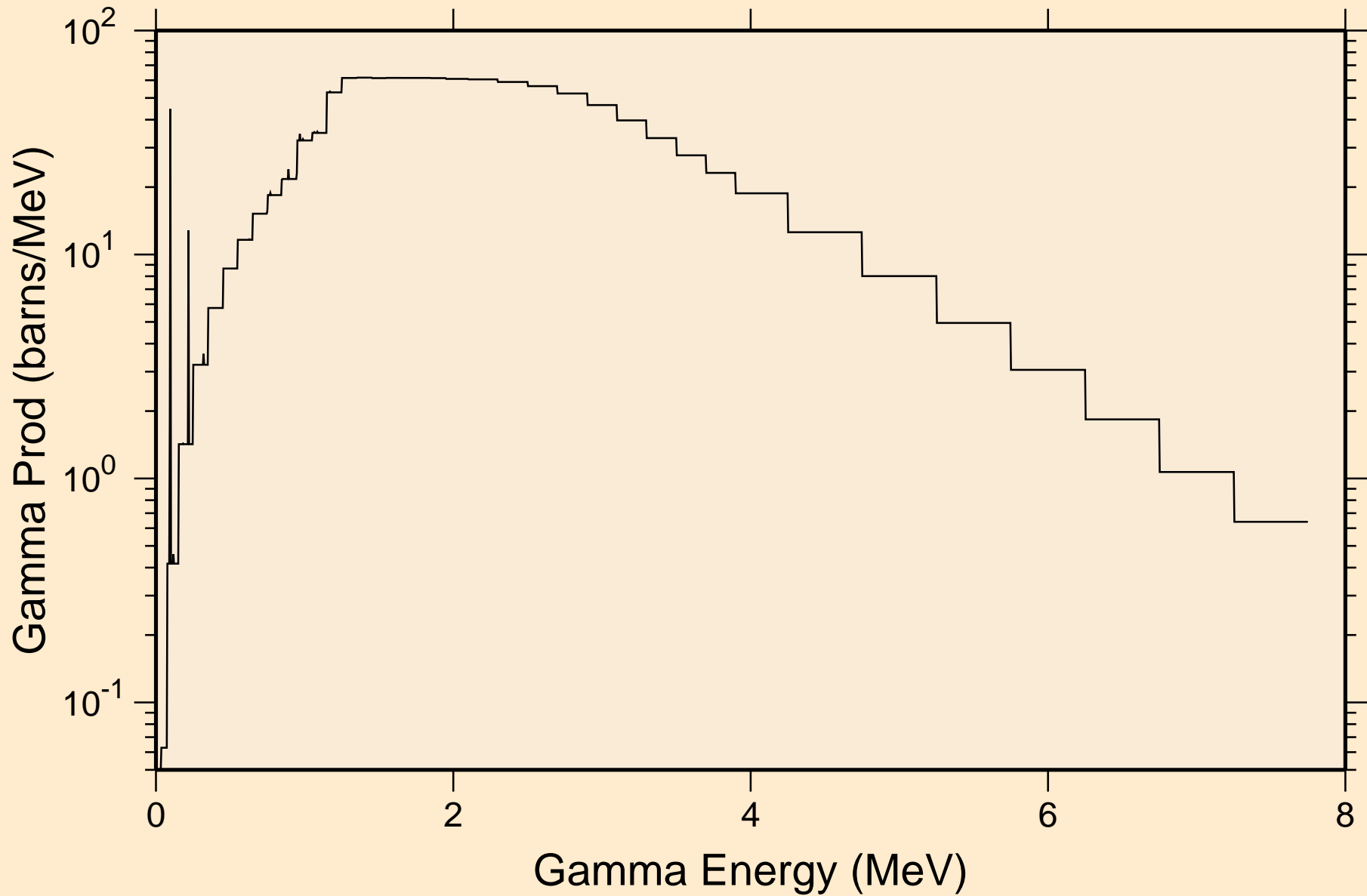
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

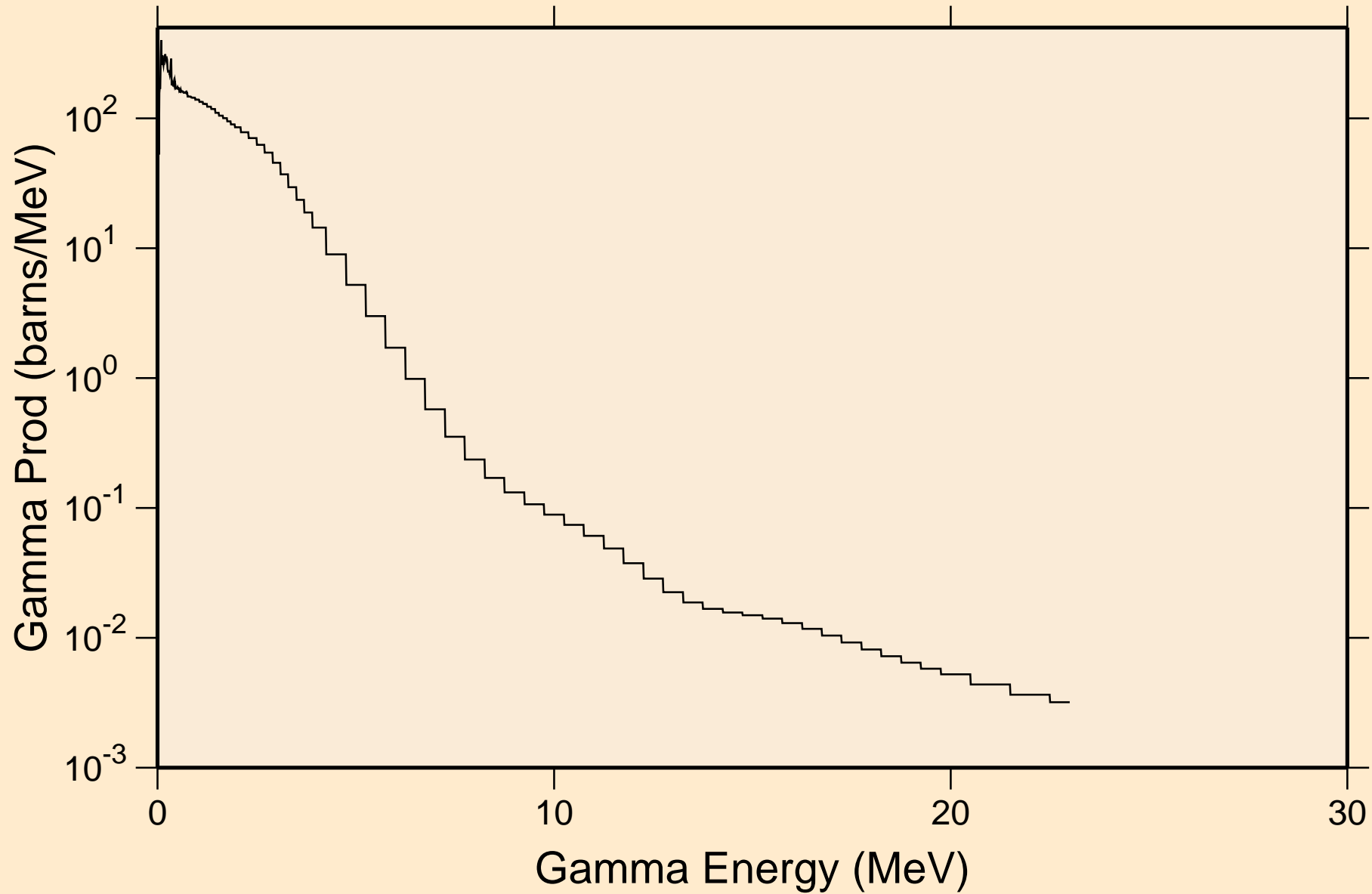


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



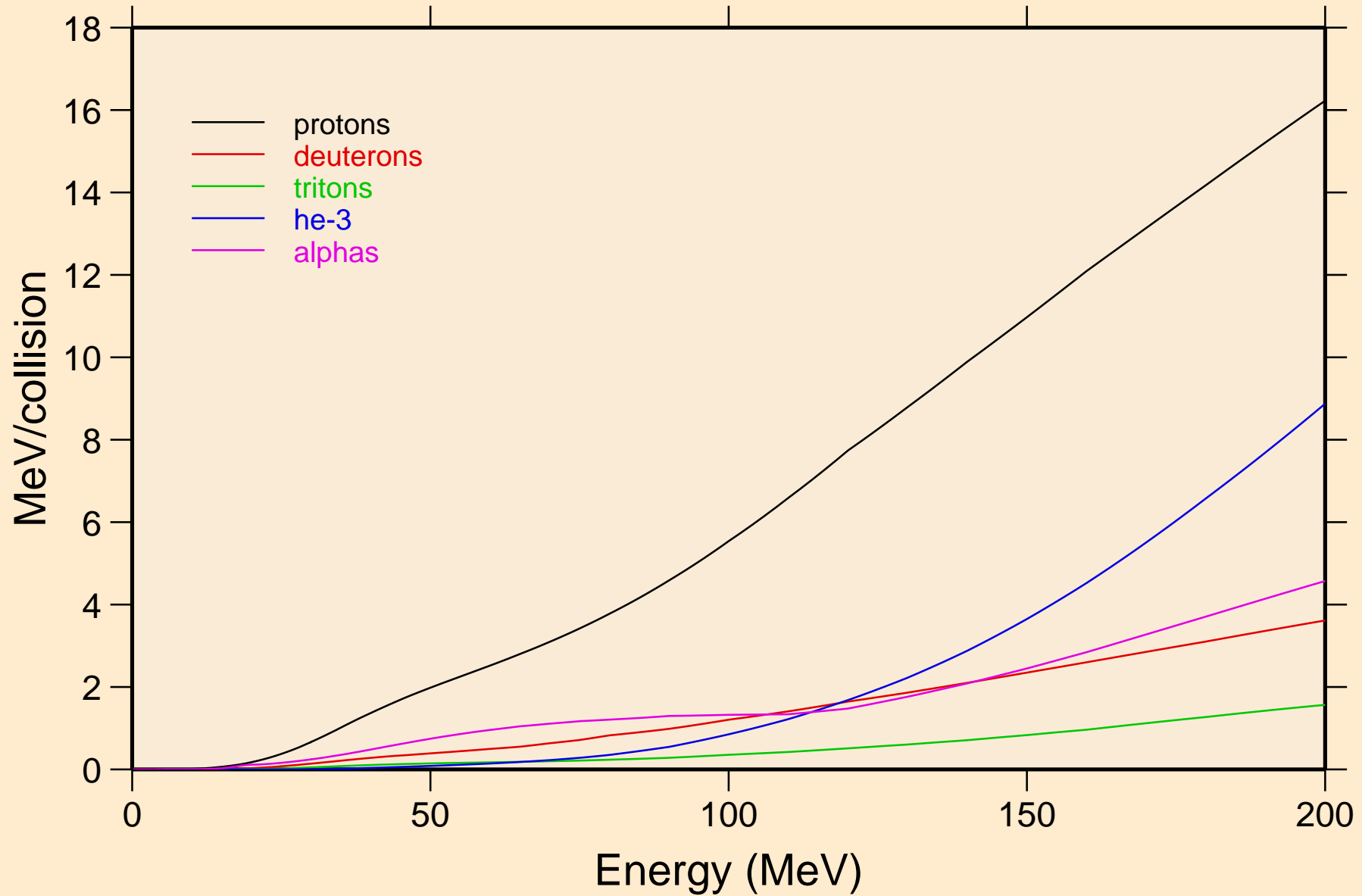


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

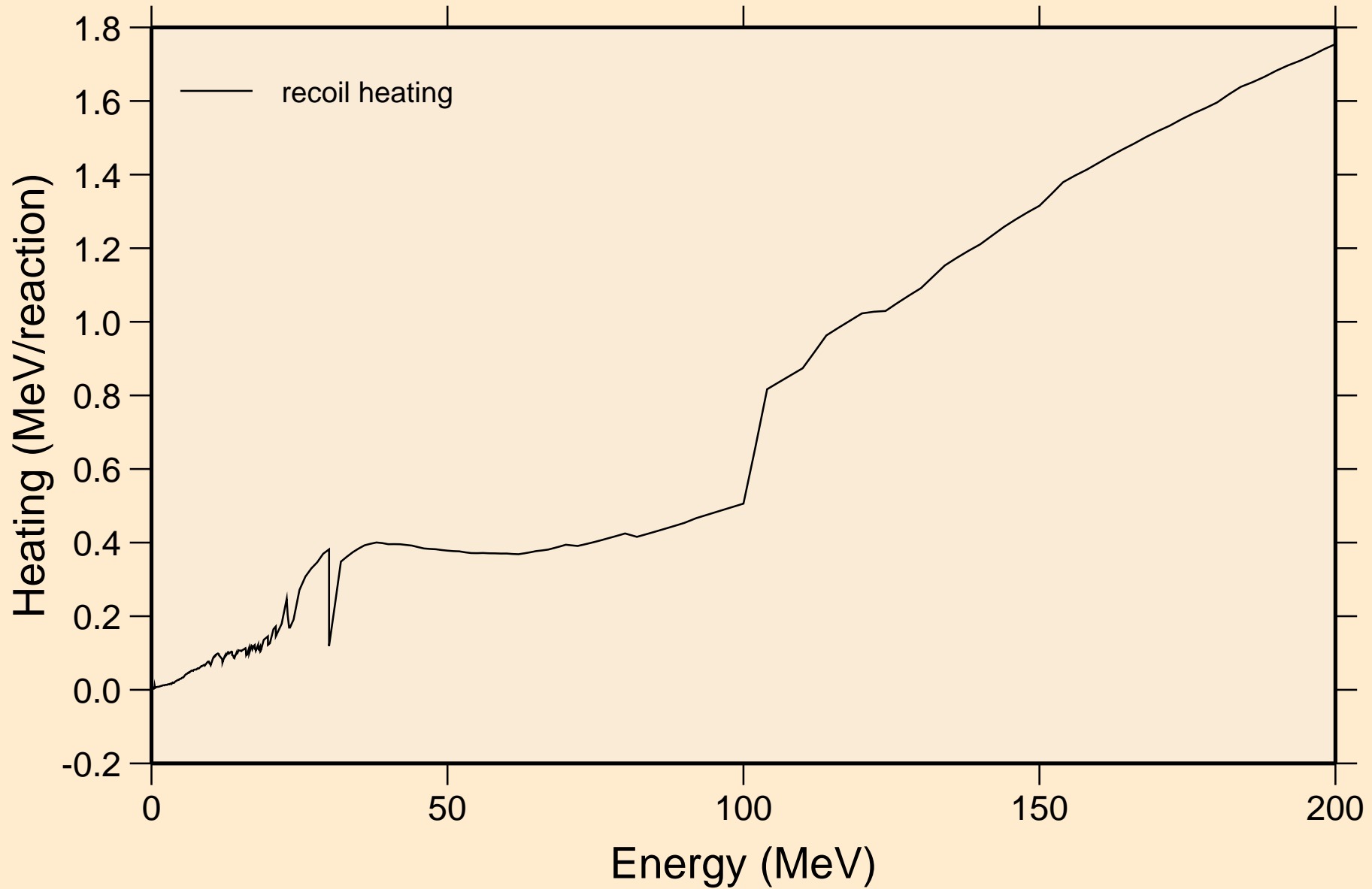


# DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

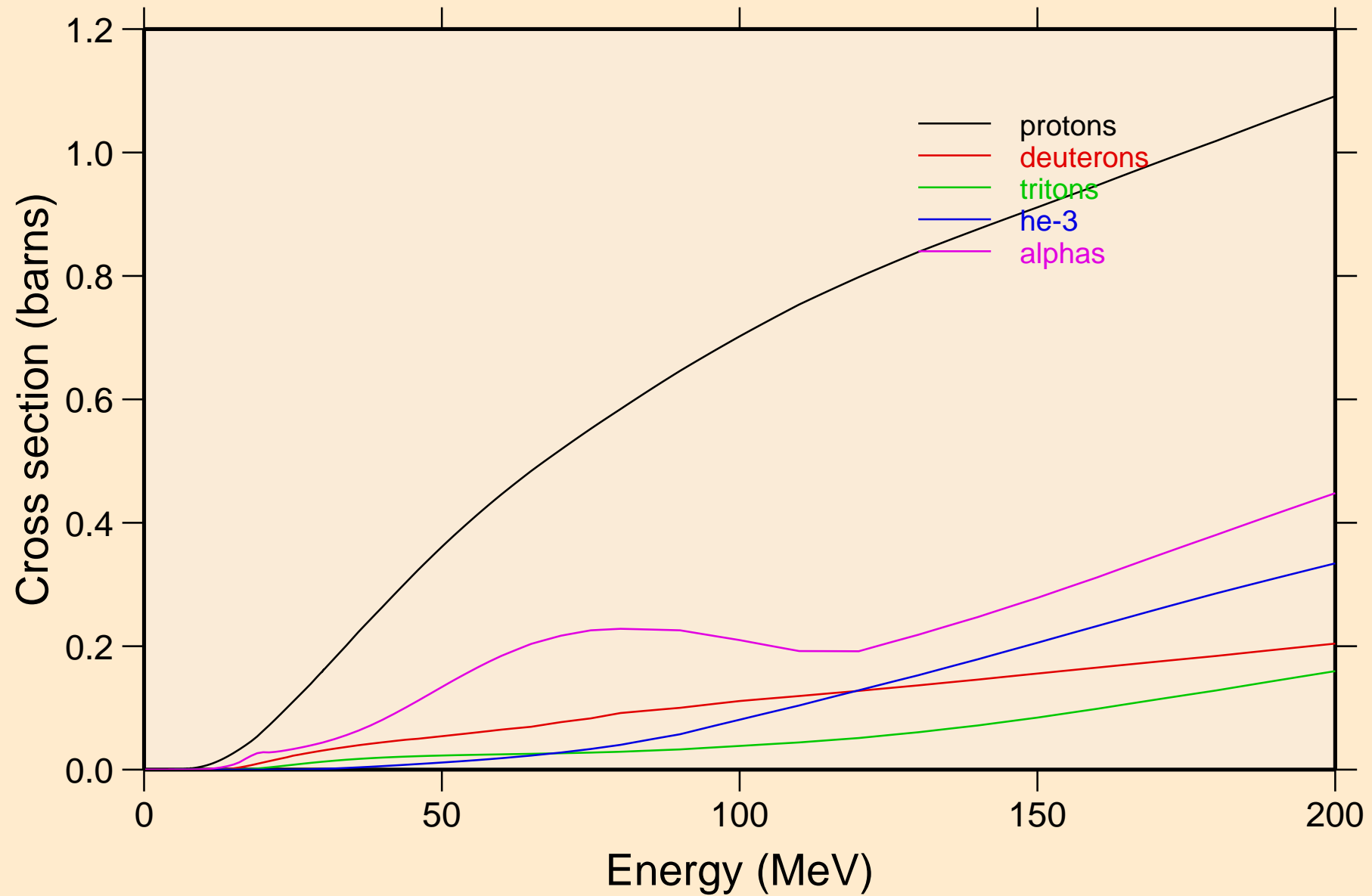
## Particle heating contributions



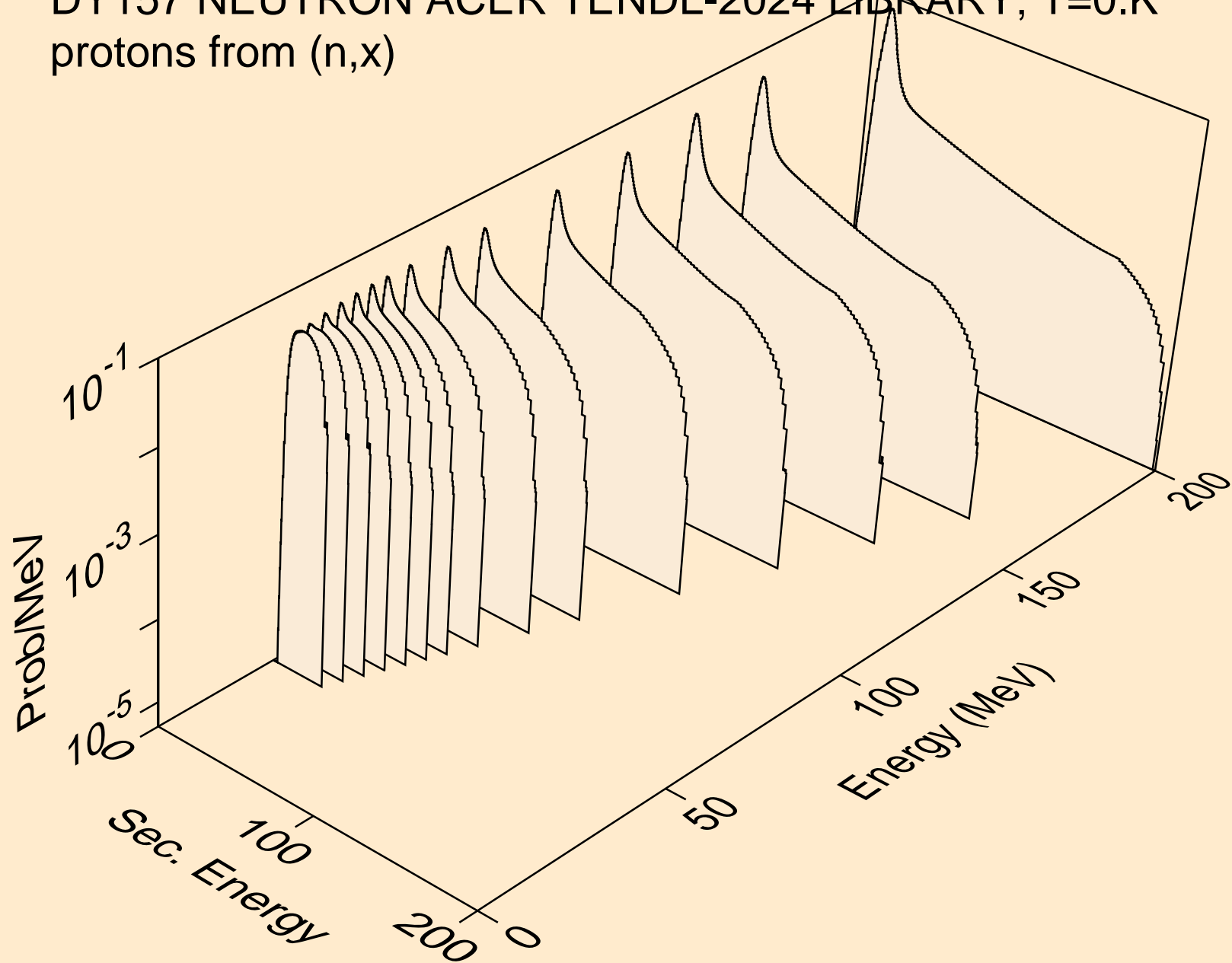
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Recoil Heating



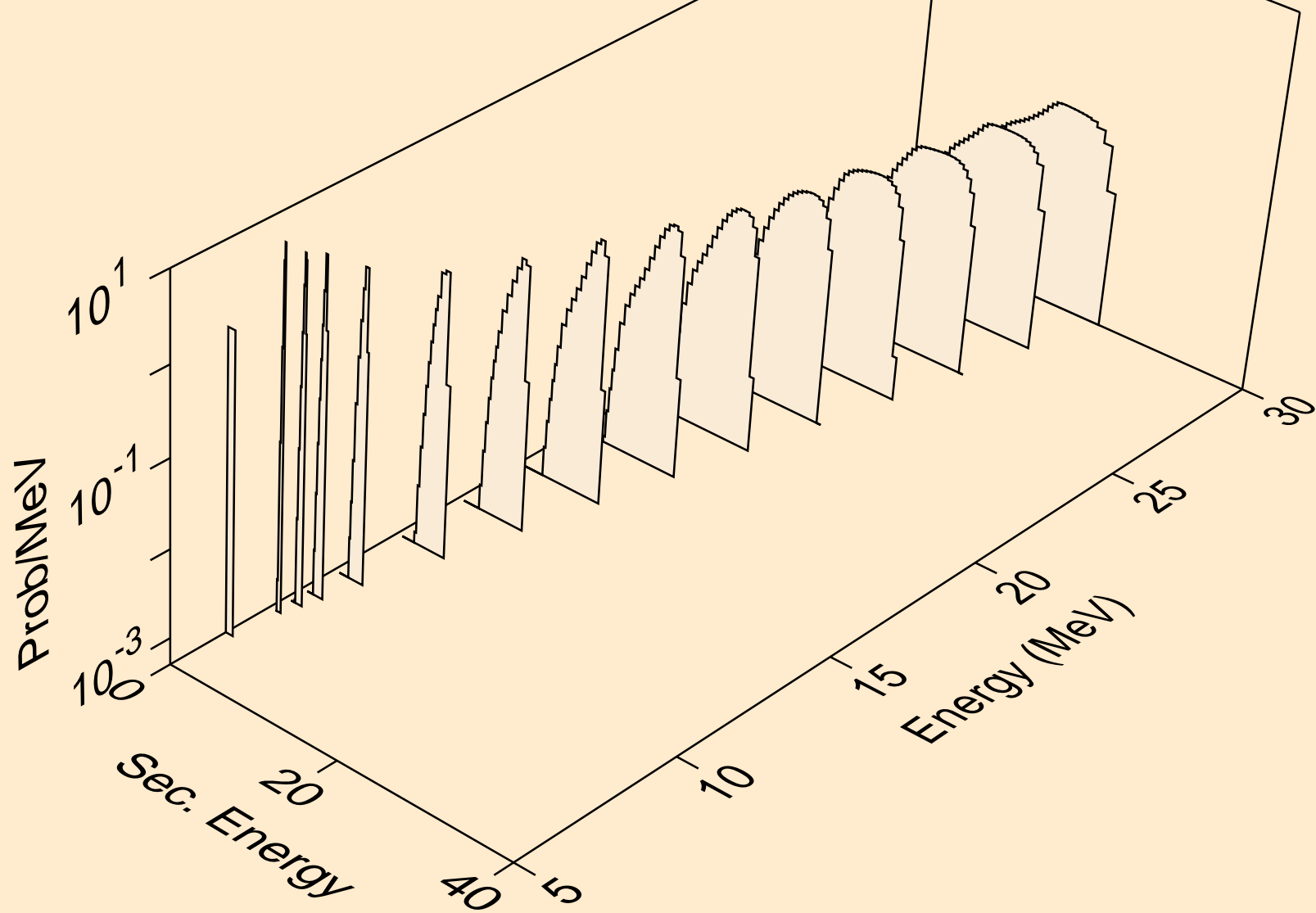
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Particle production cross sections



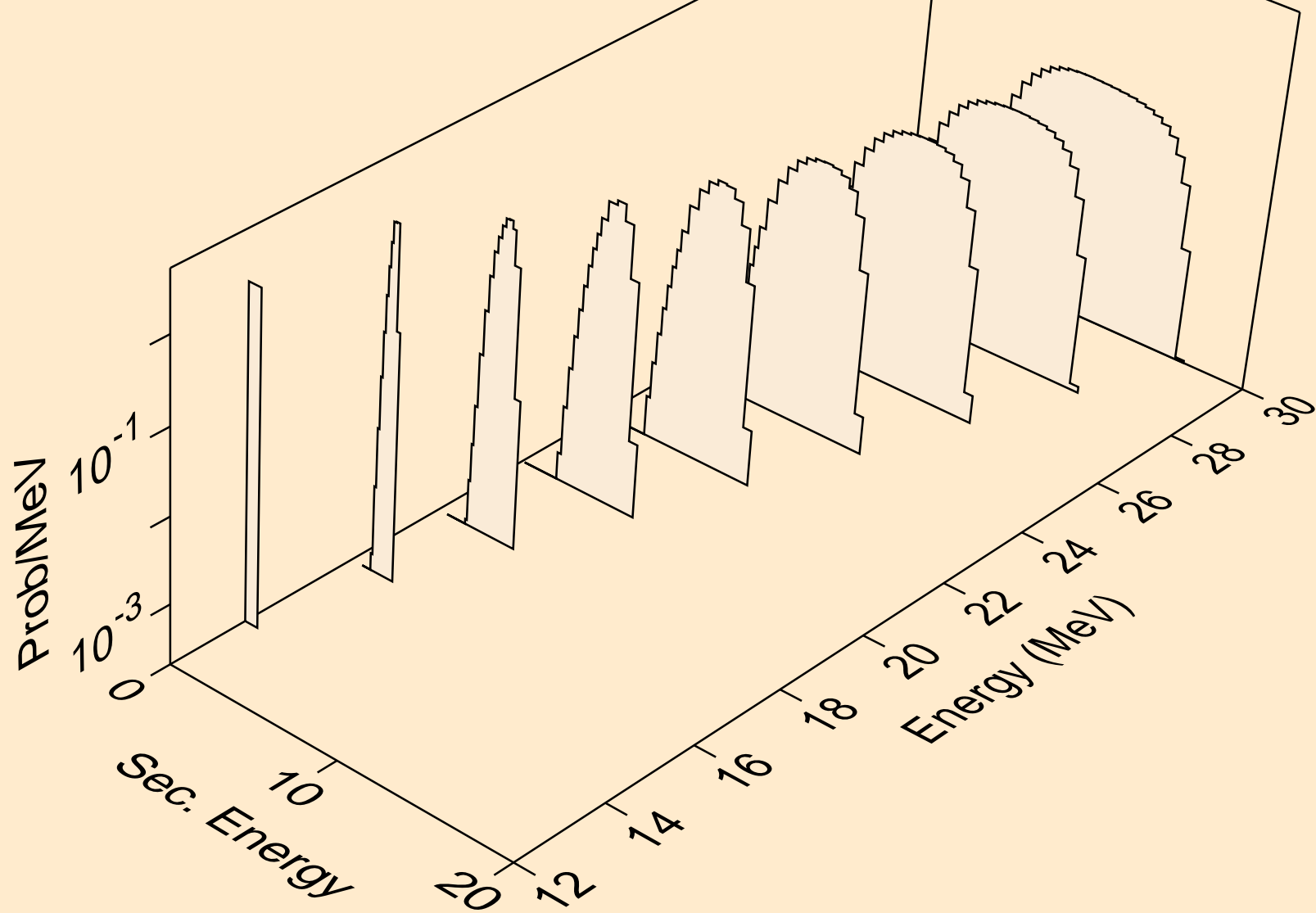
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



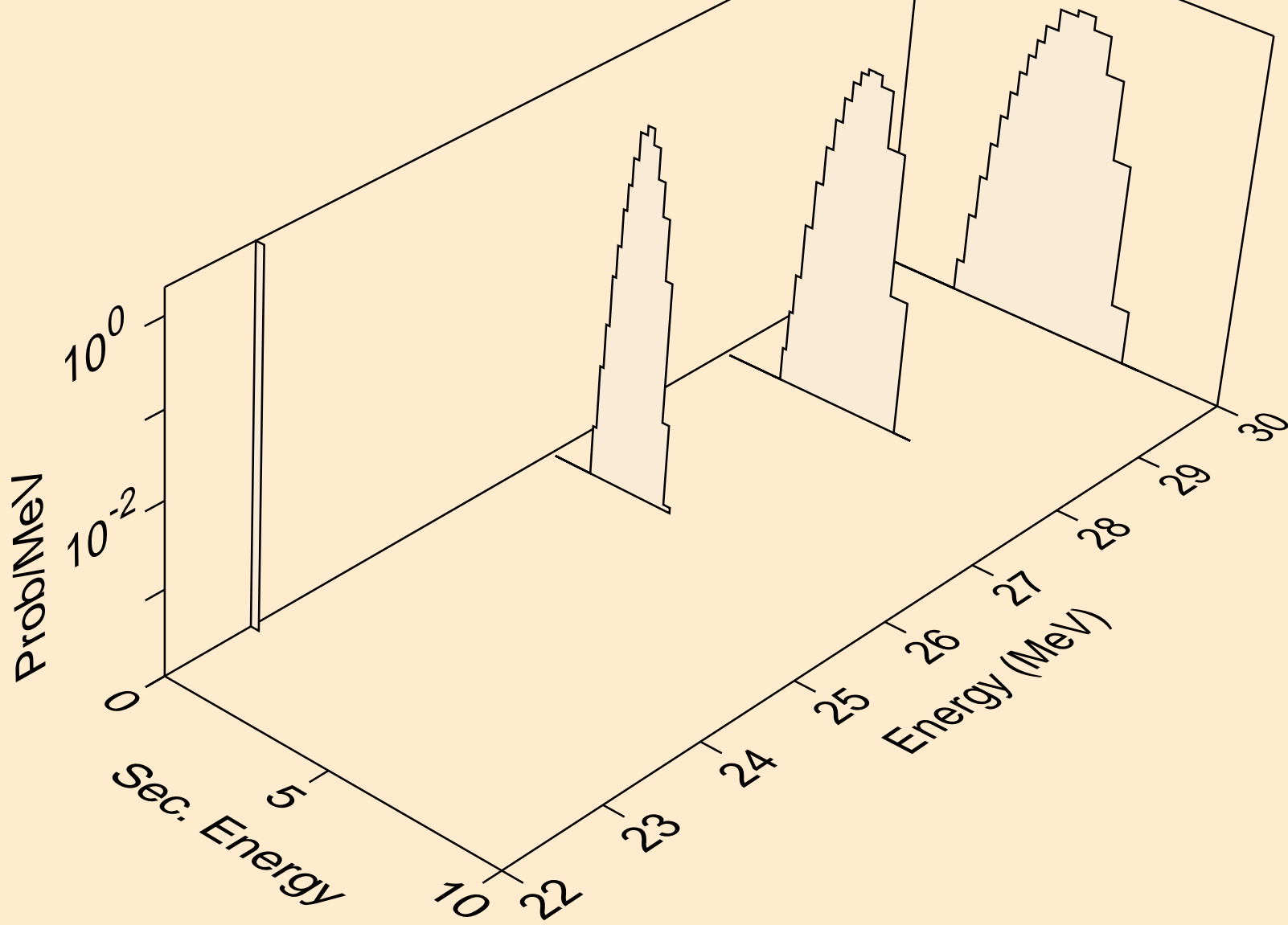
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protons from (n,n\*)p



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

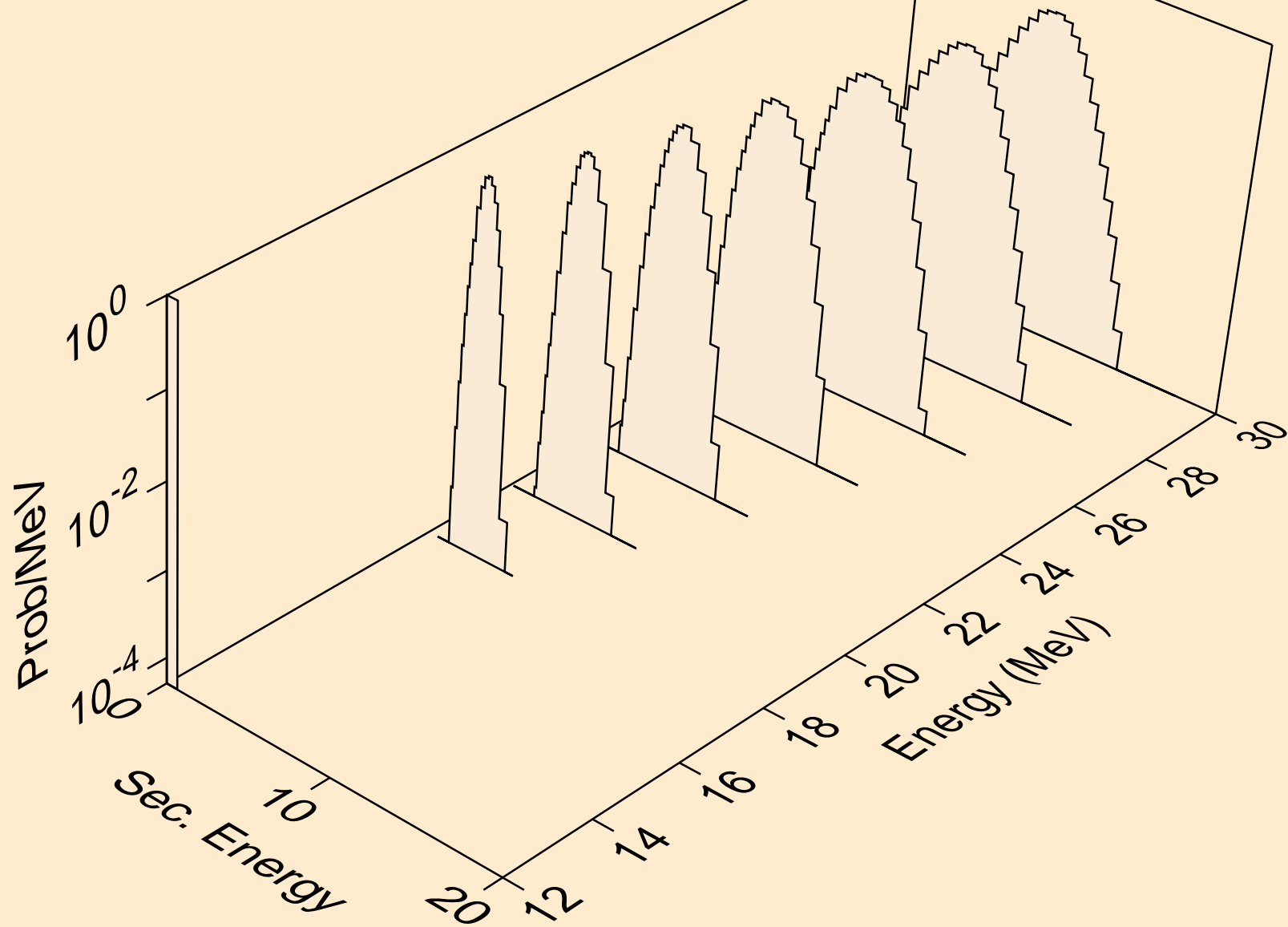


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protons from (n,3np)

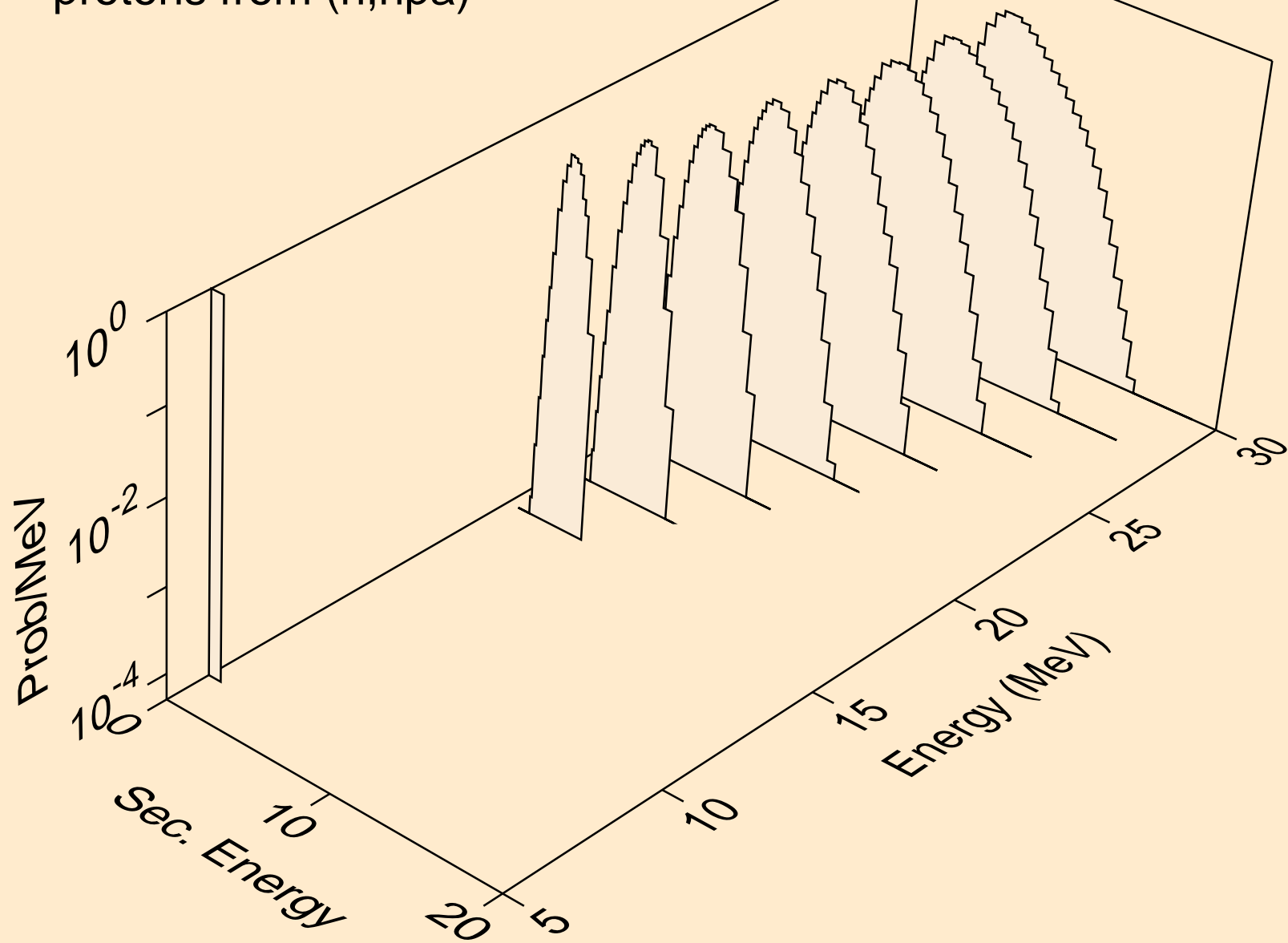




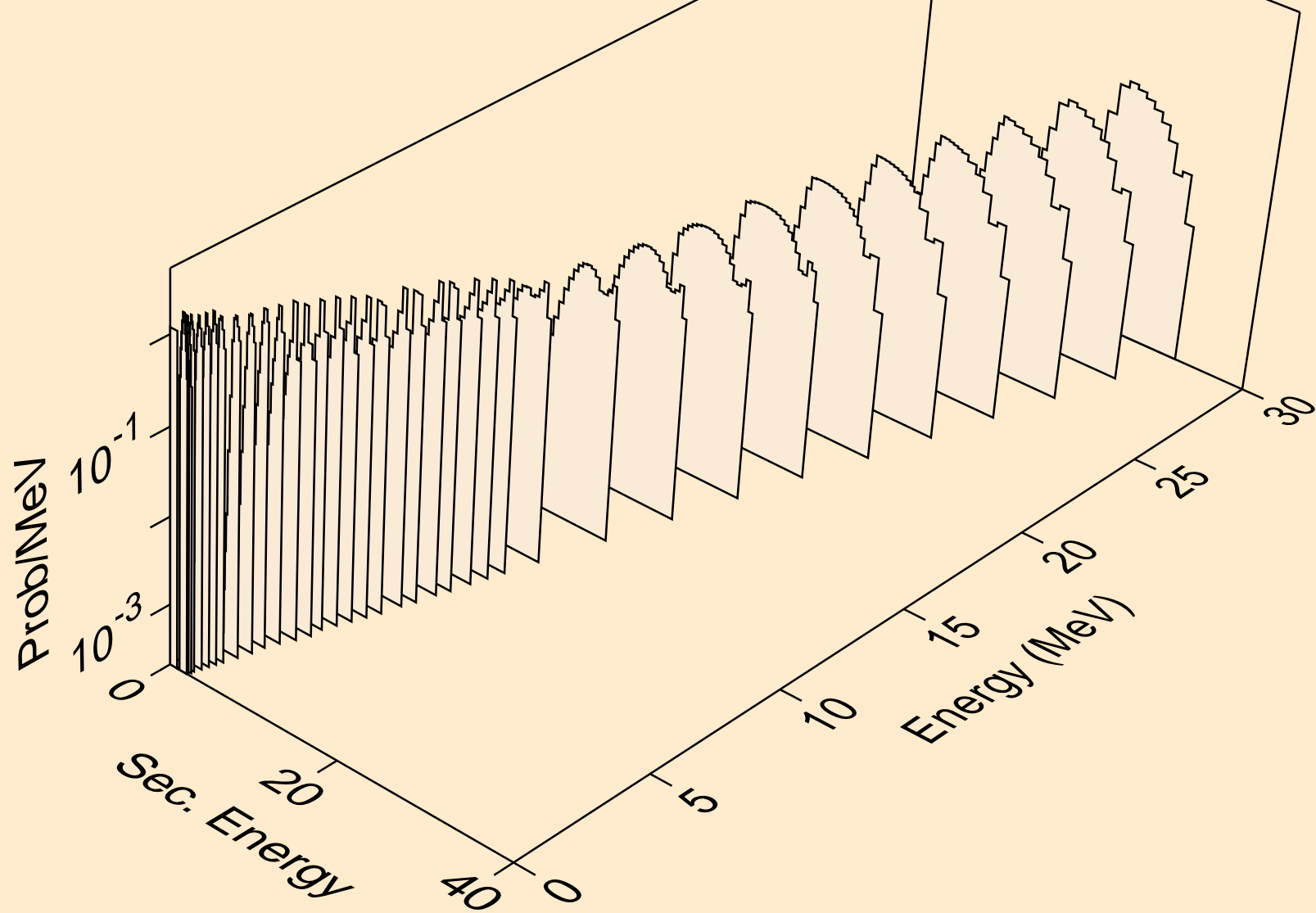
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protons from (n,n2p)



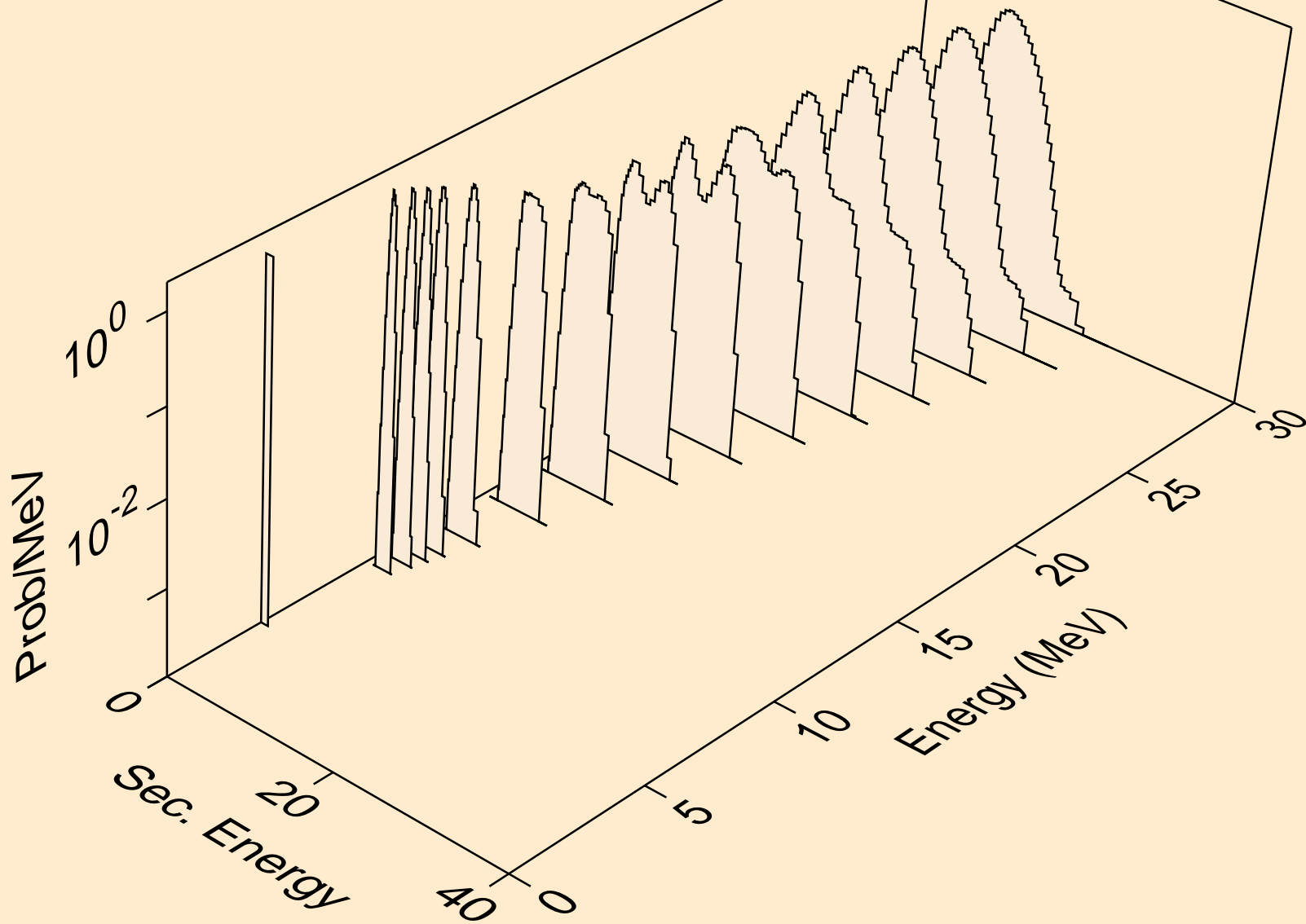
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protons from (n,npa)



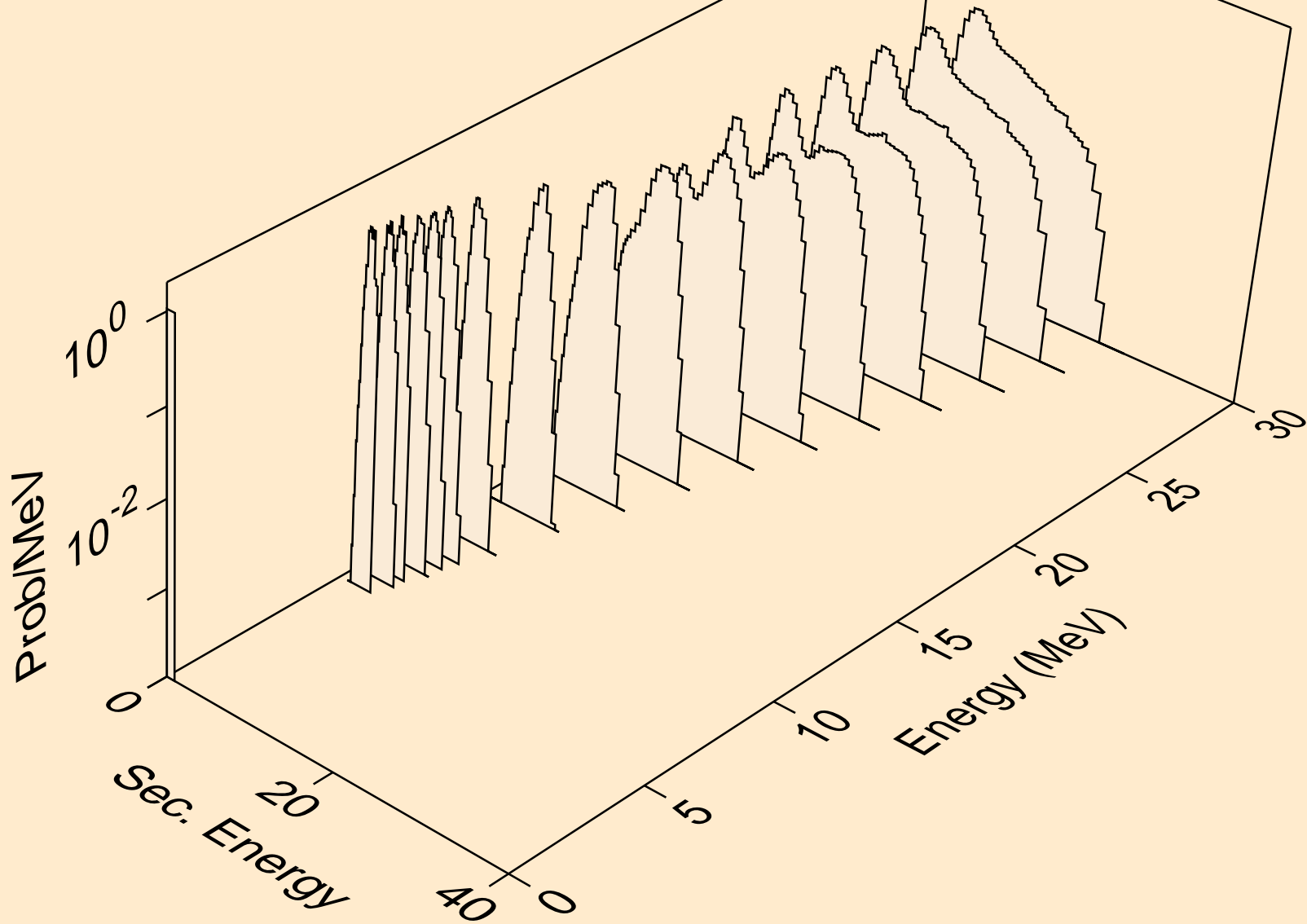
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protons from (n,p)



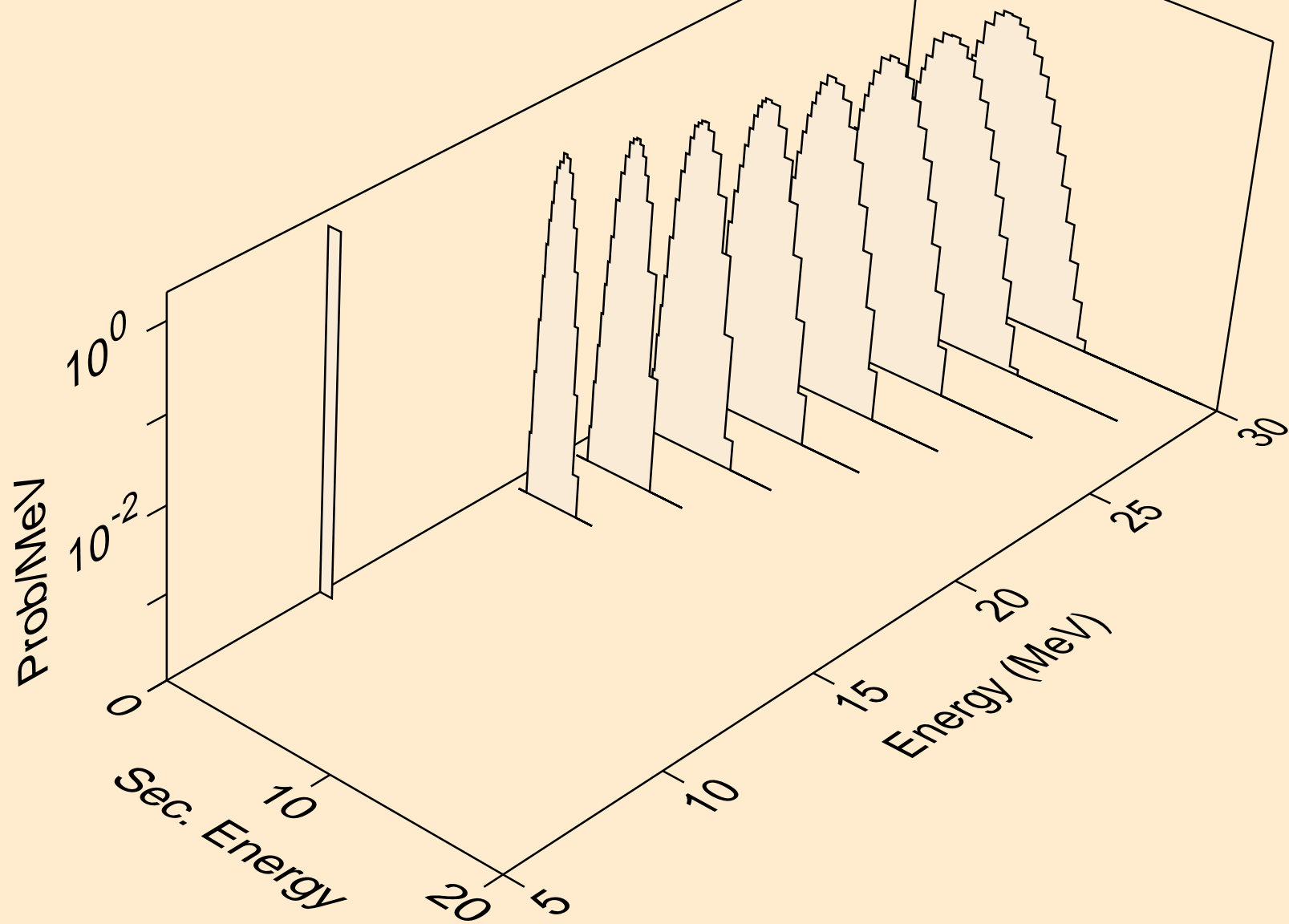
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protons from (n,2p)



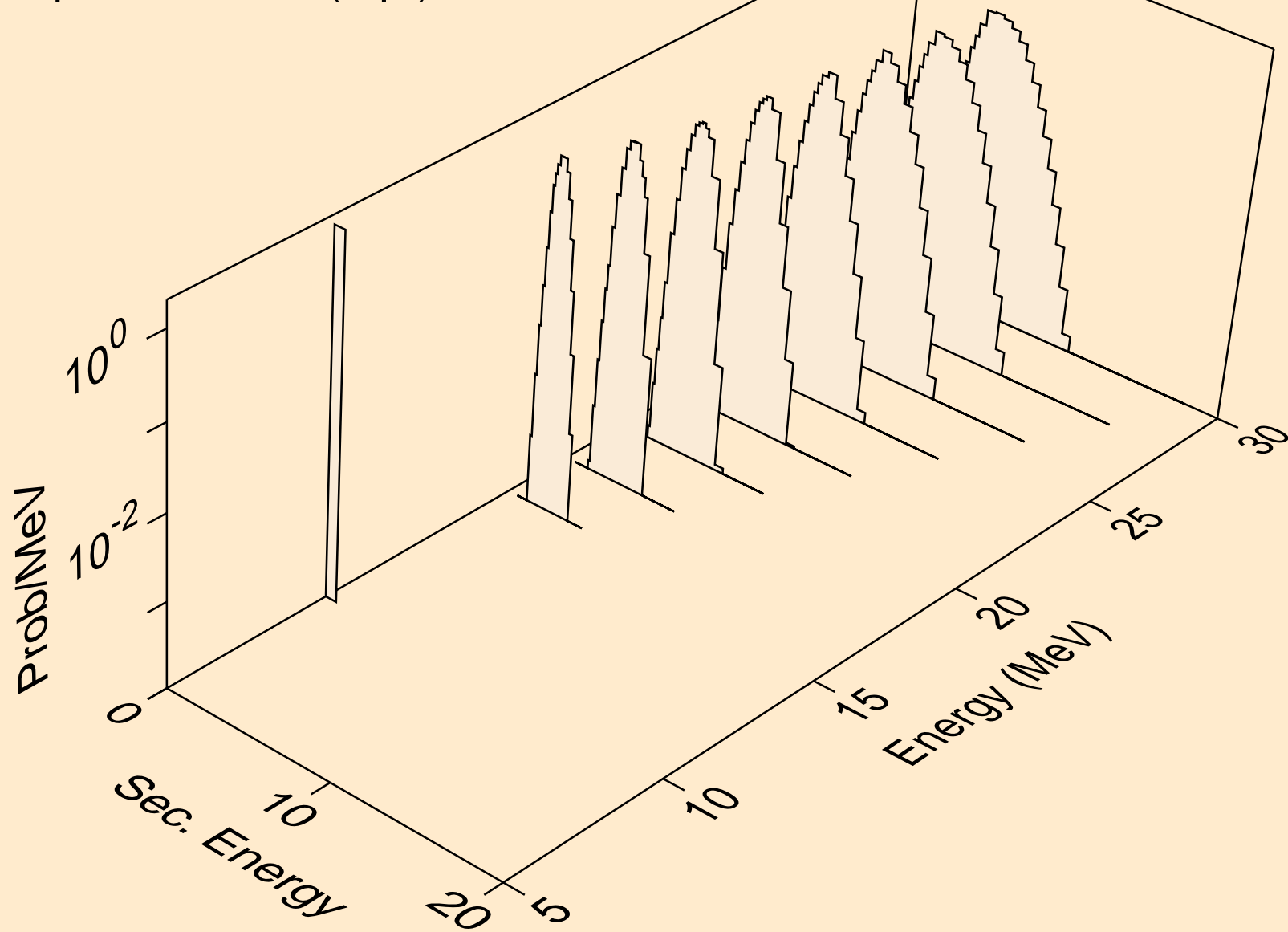
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protons from (n,p)



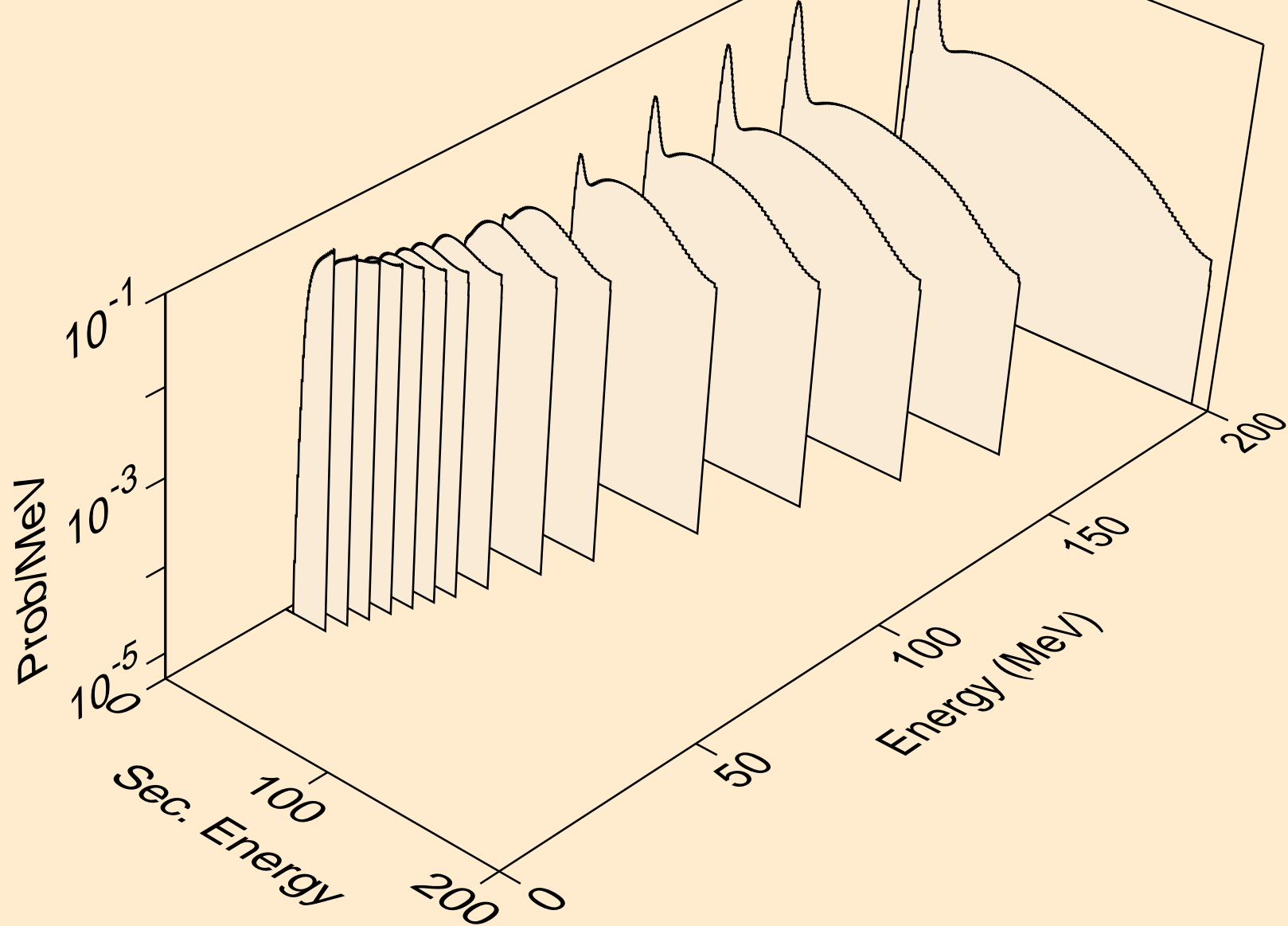
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protons from (n,pd)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

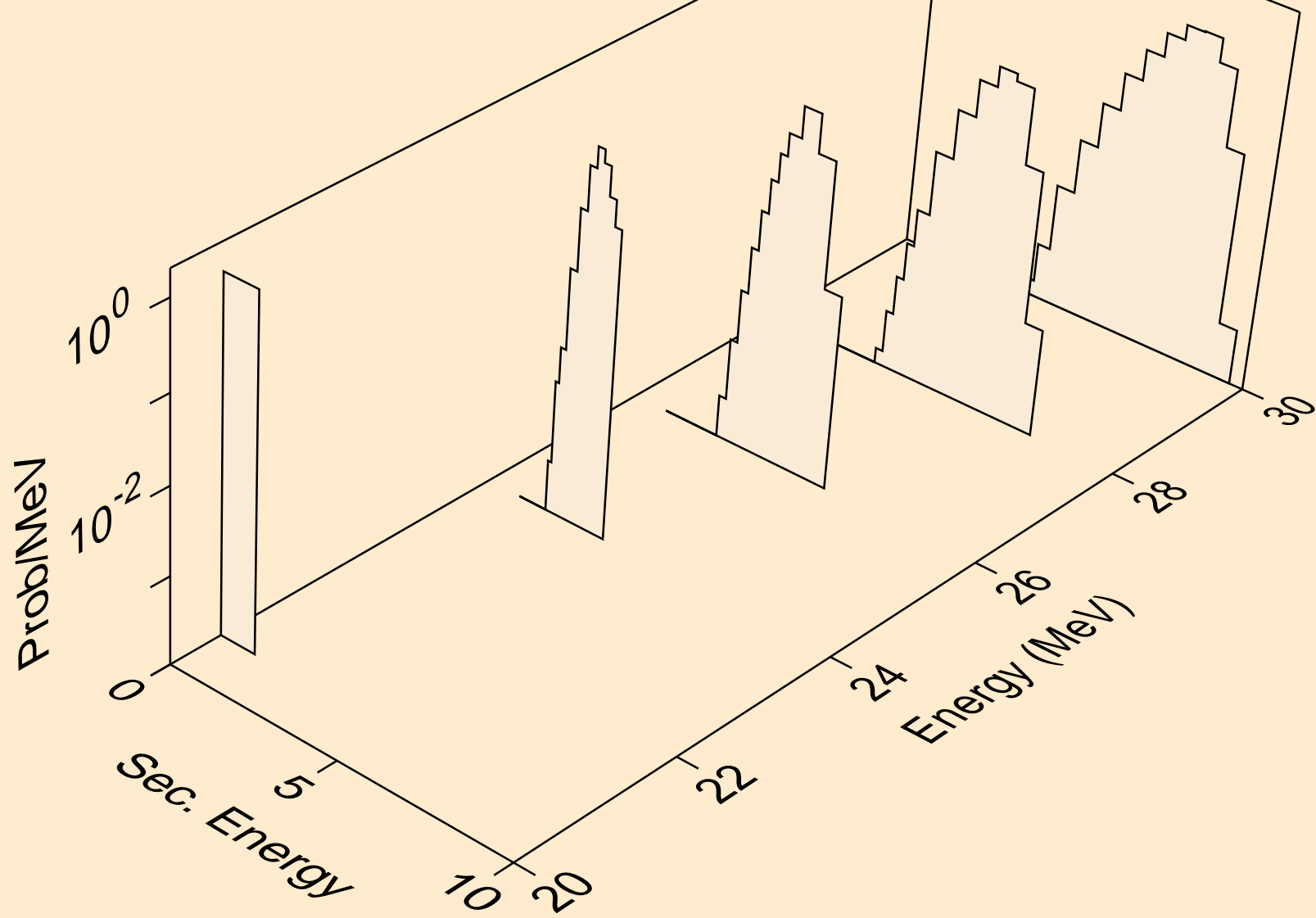


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

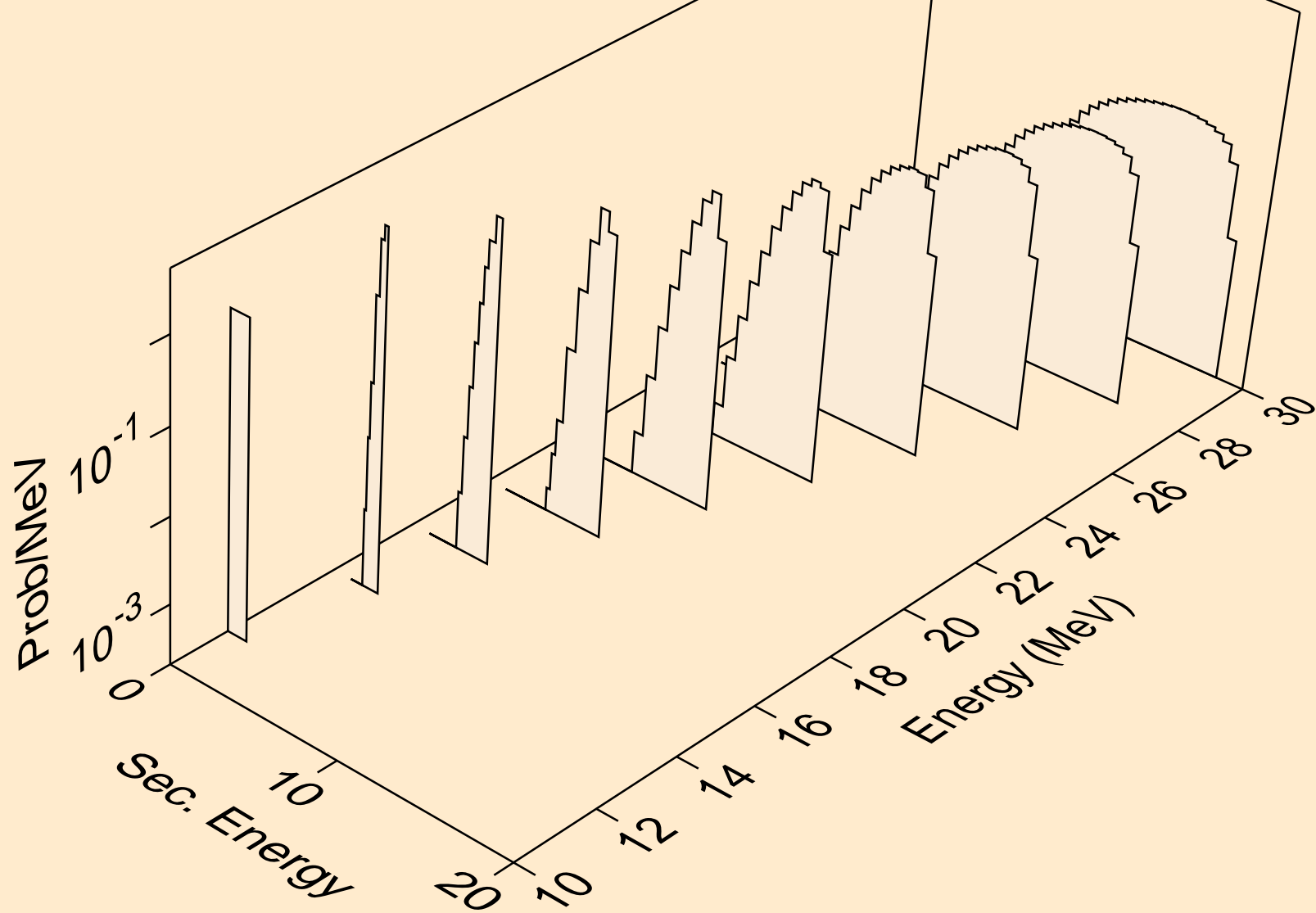




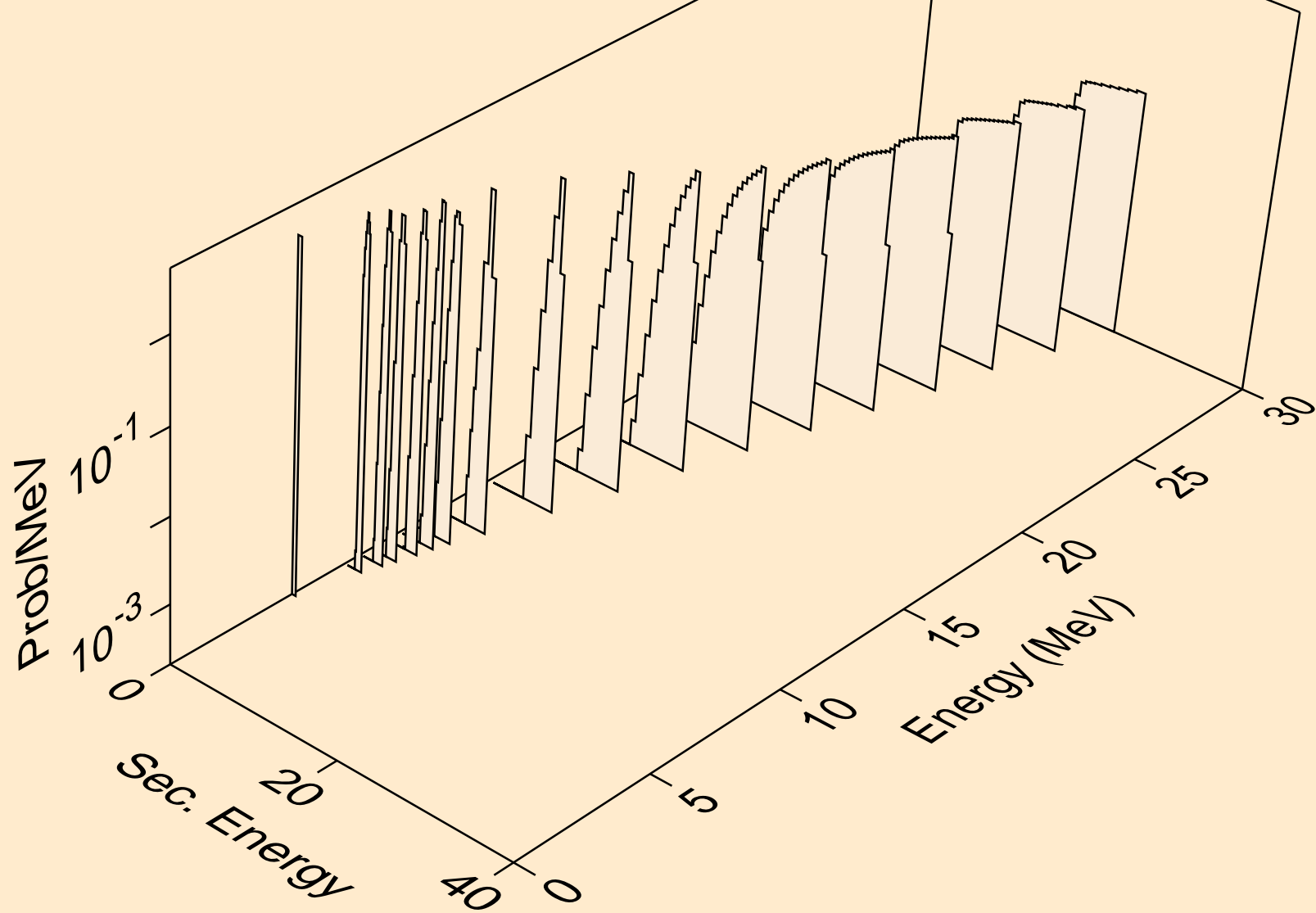
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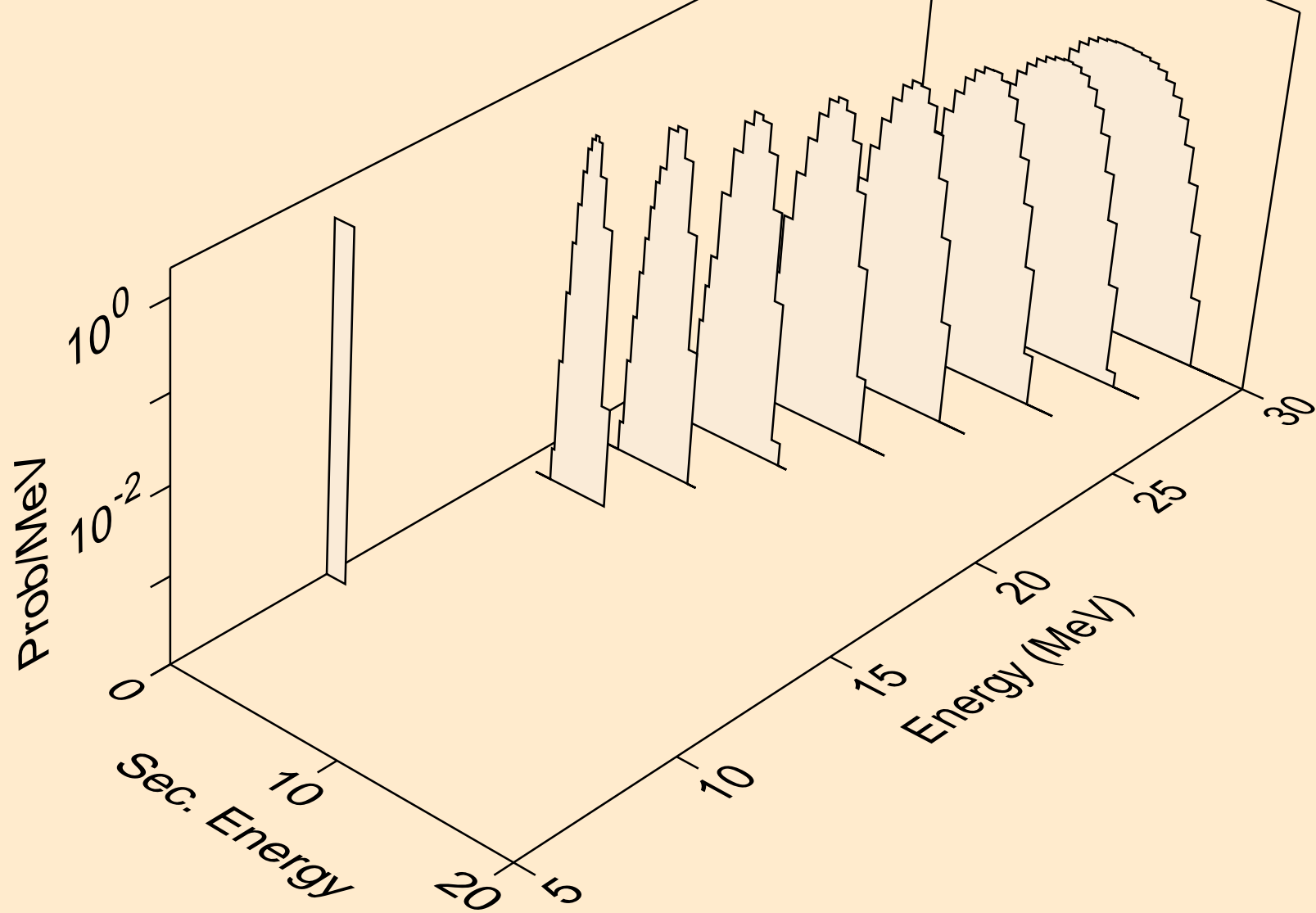
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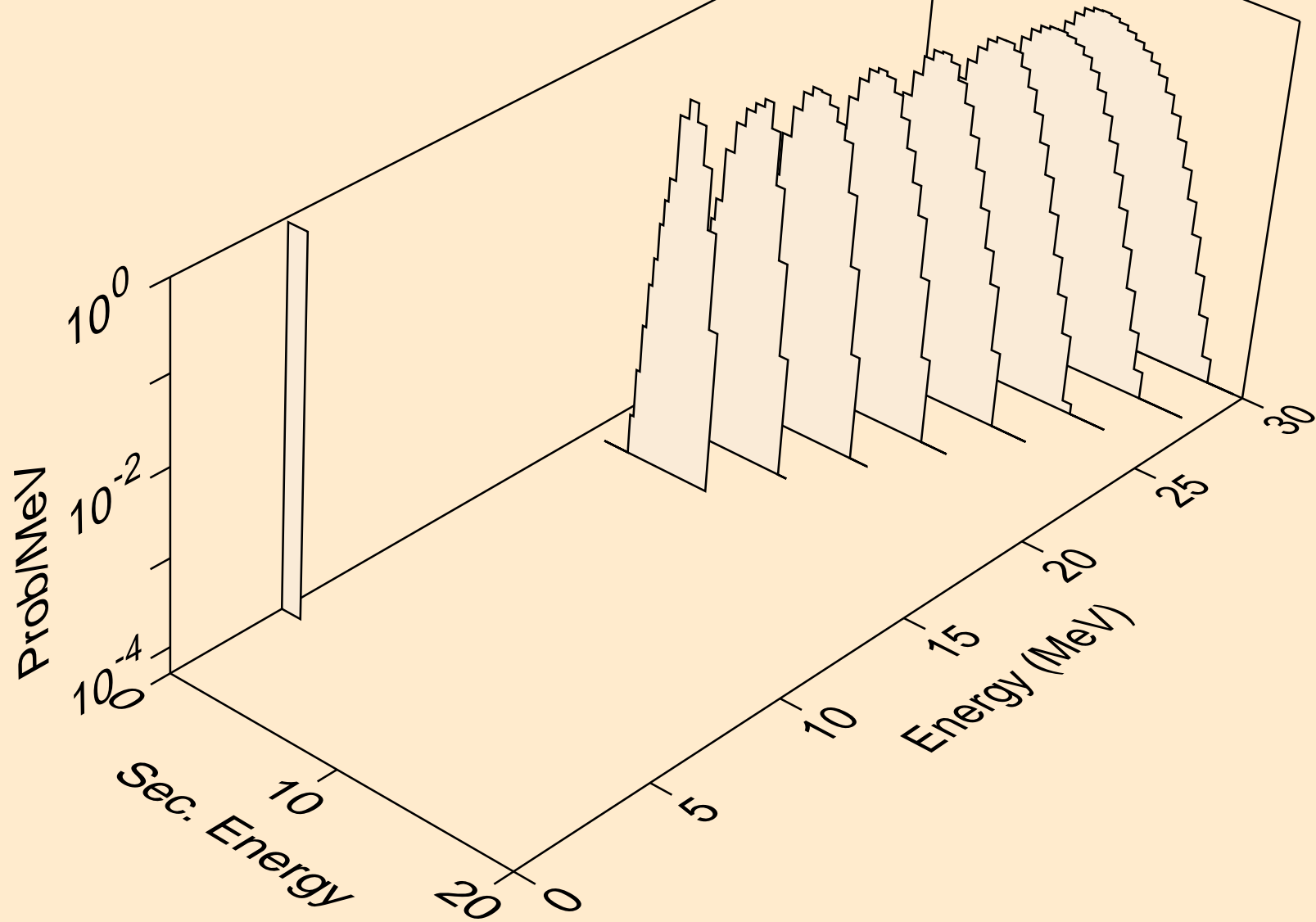
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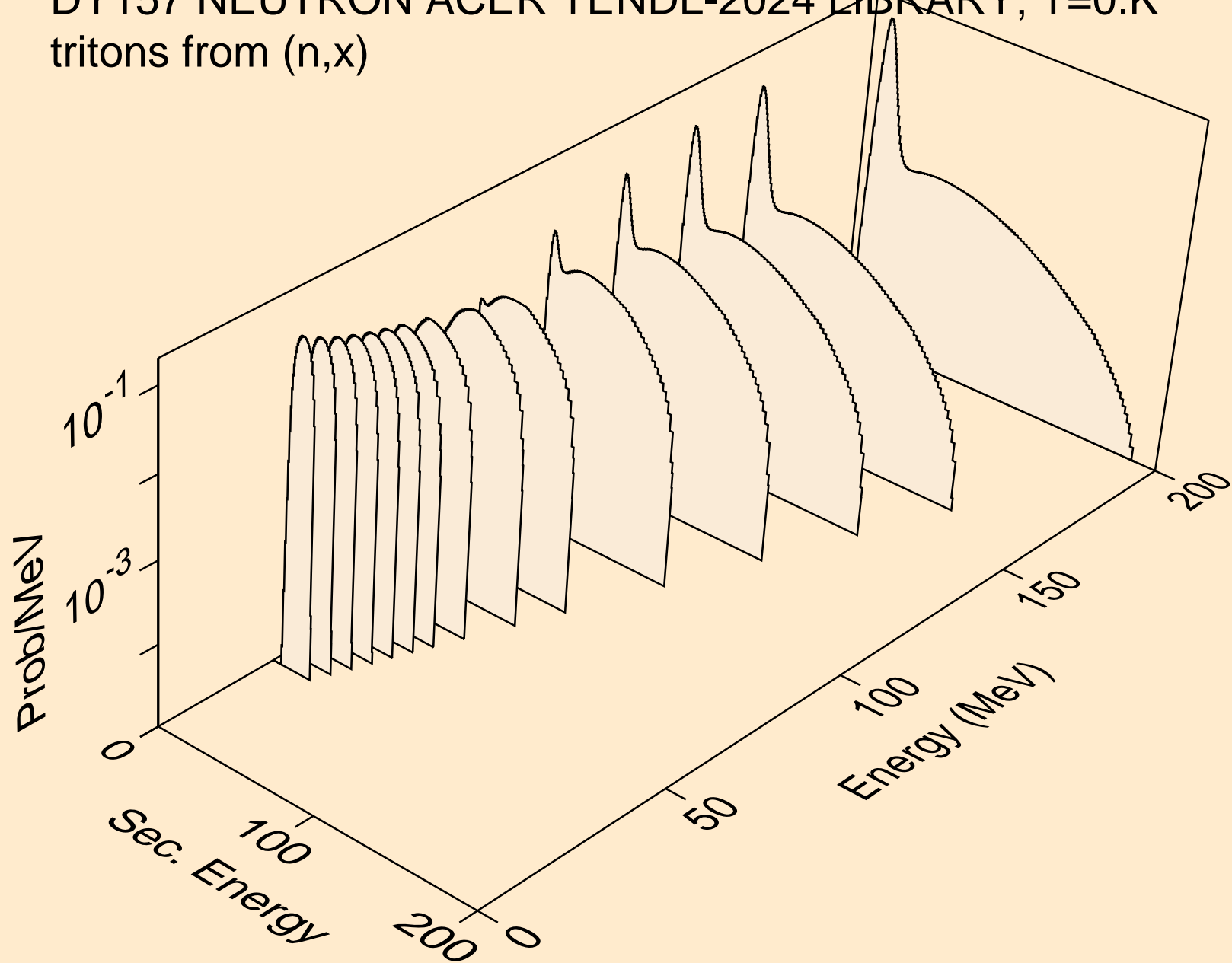
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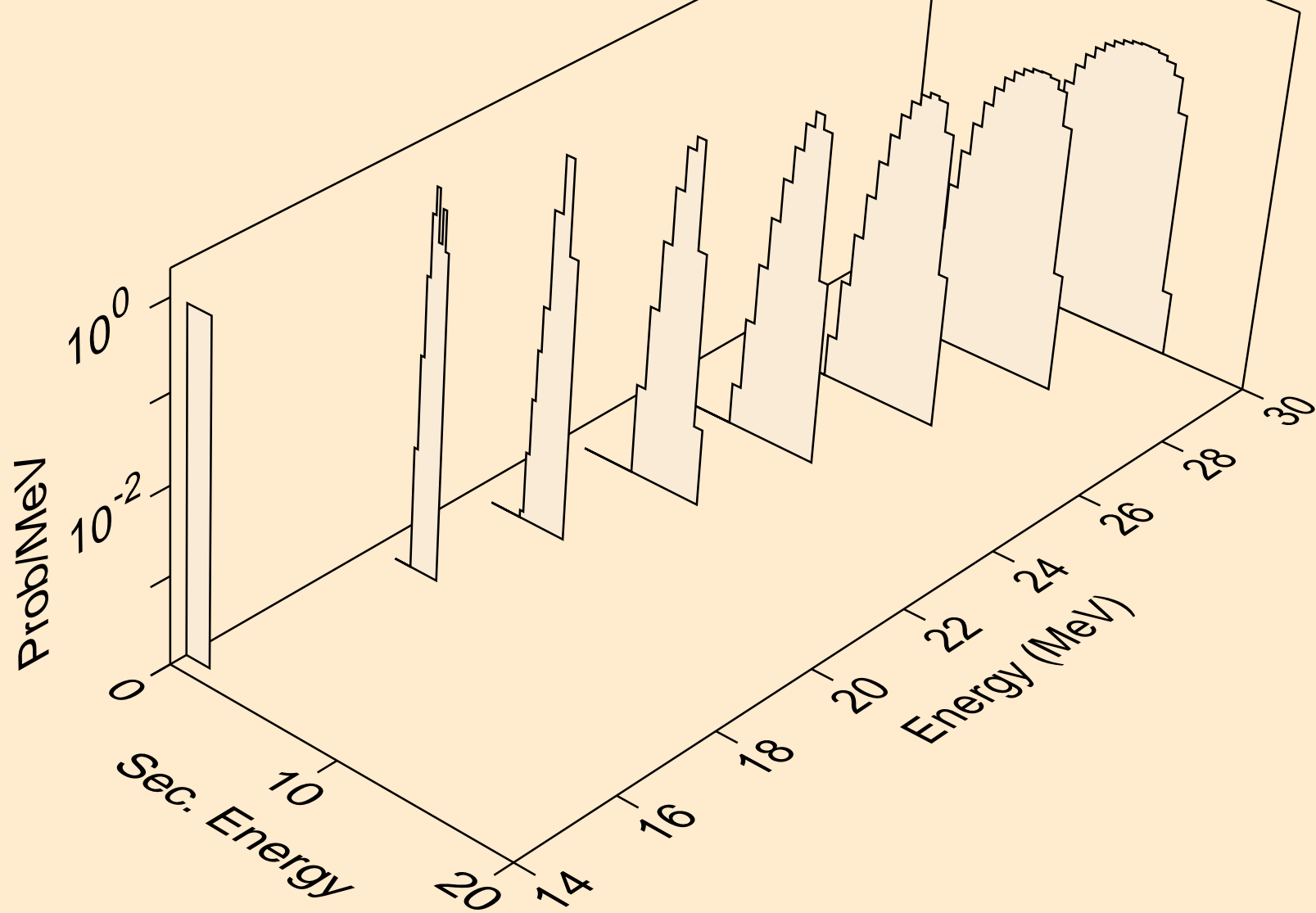
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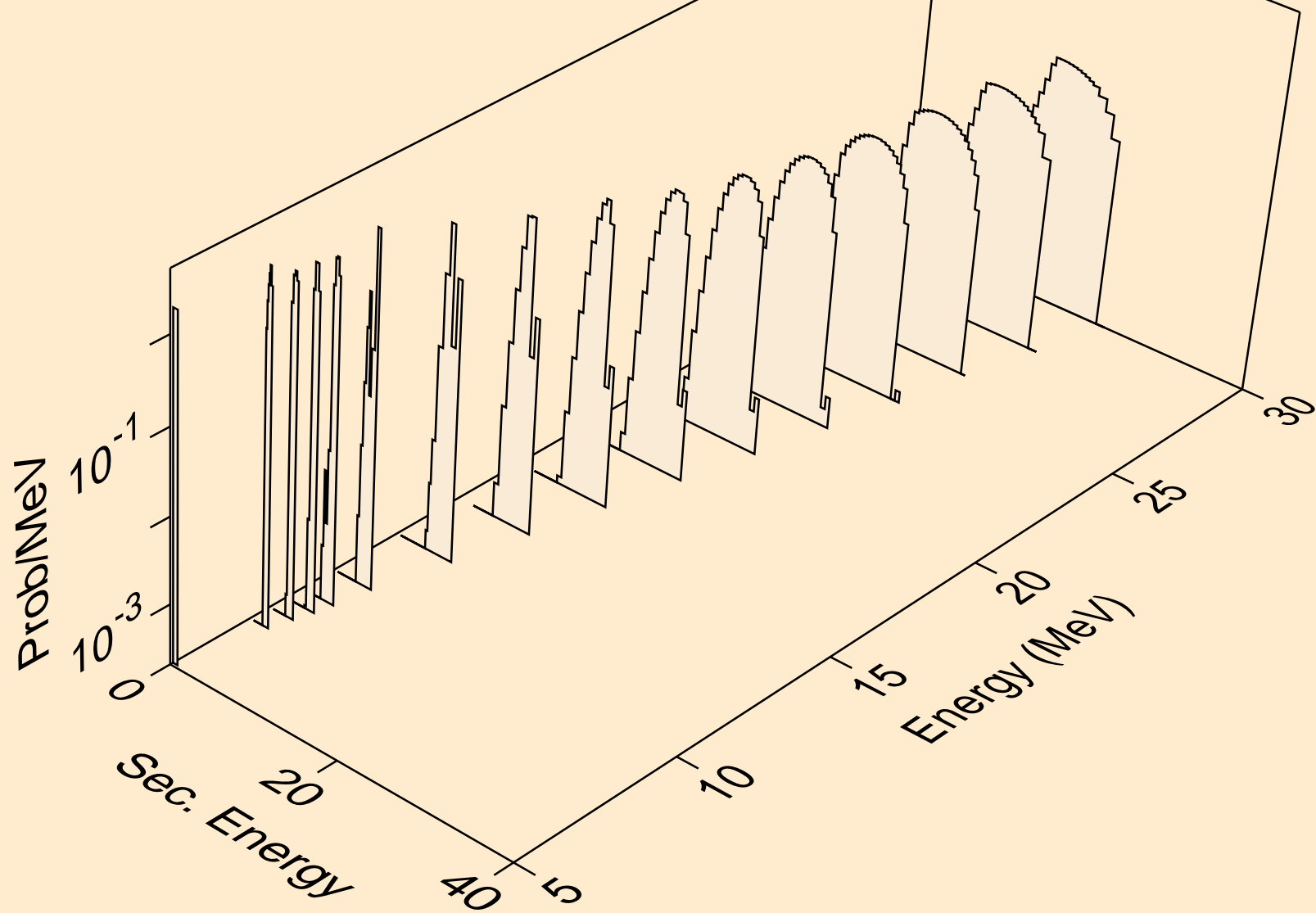
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tritons from (n,x)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

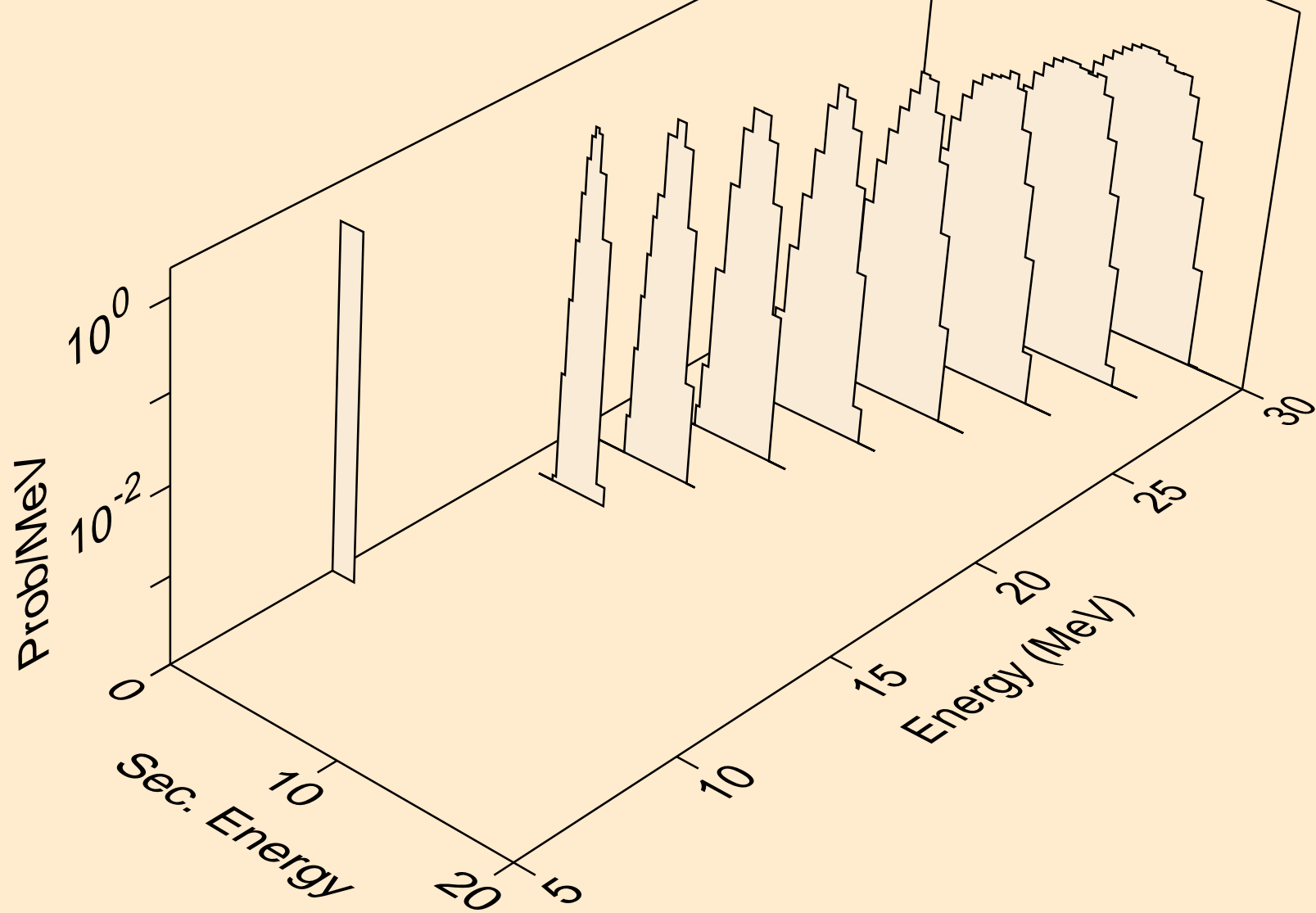


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tritons from (n,t)

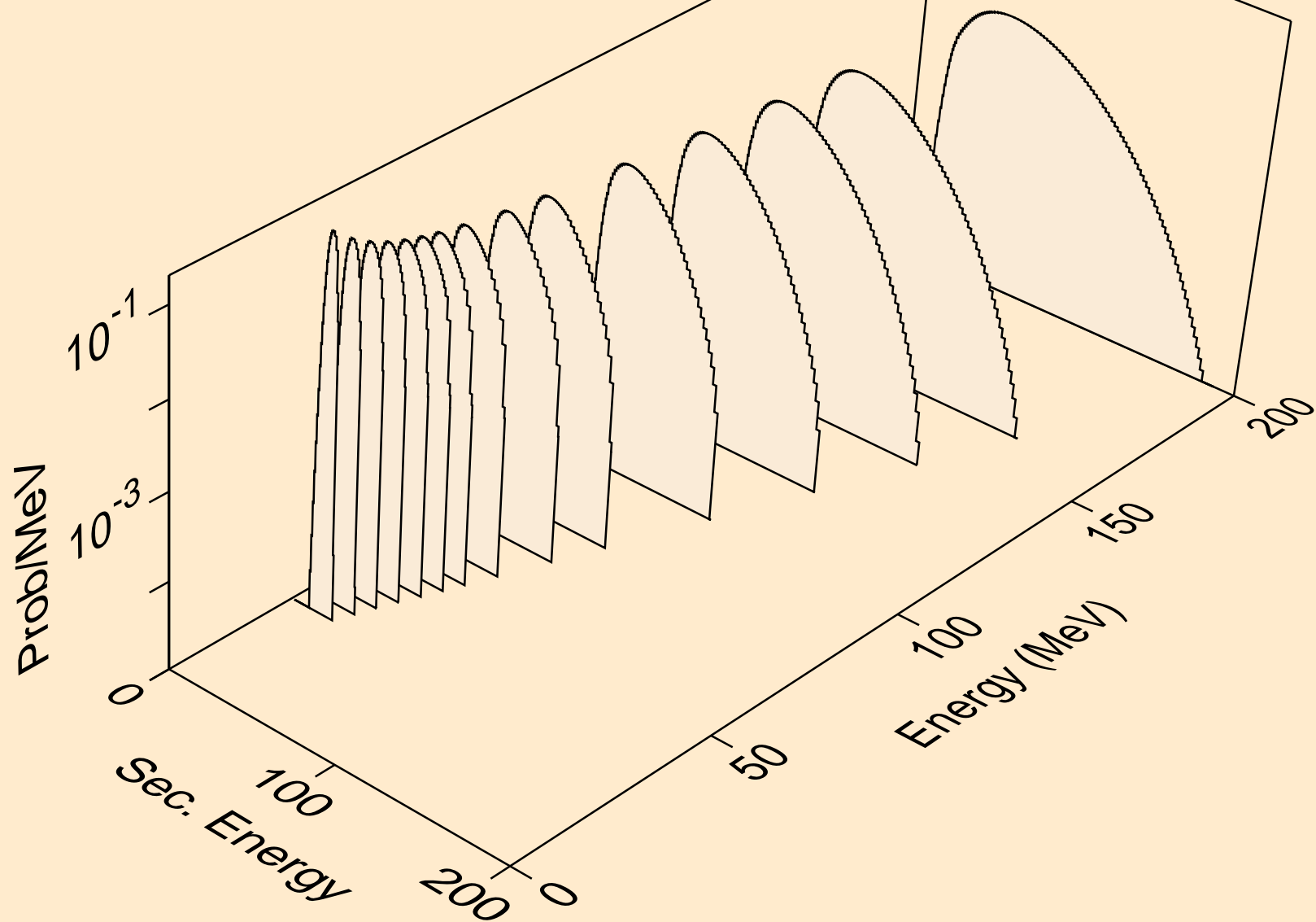




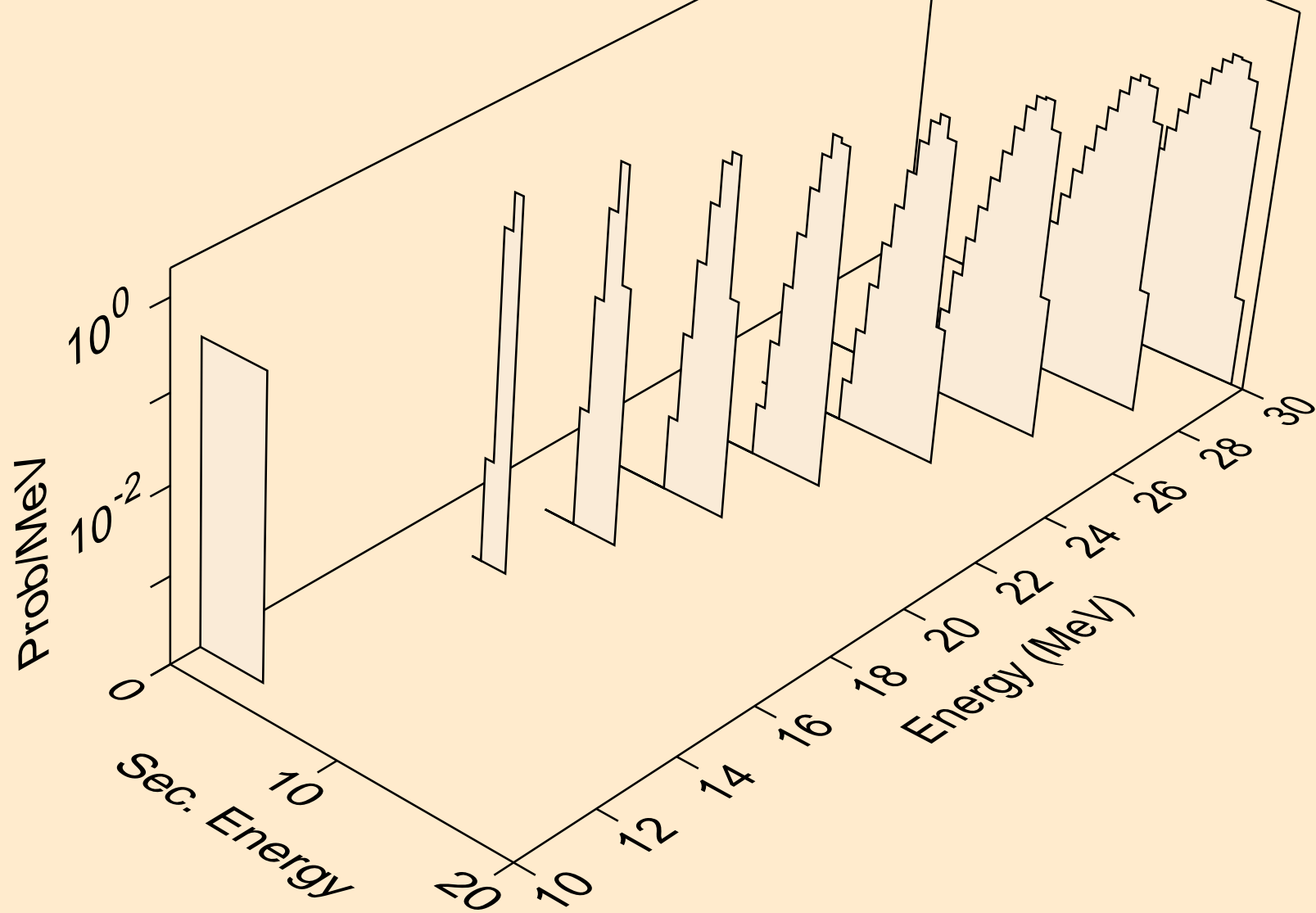
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



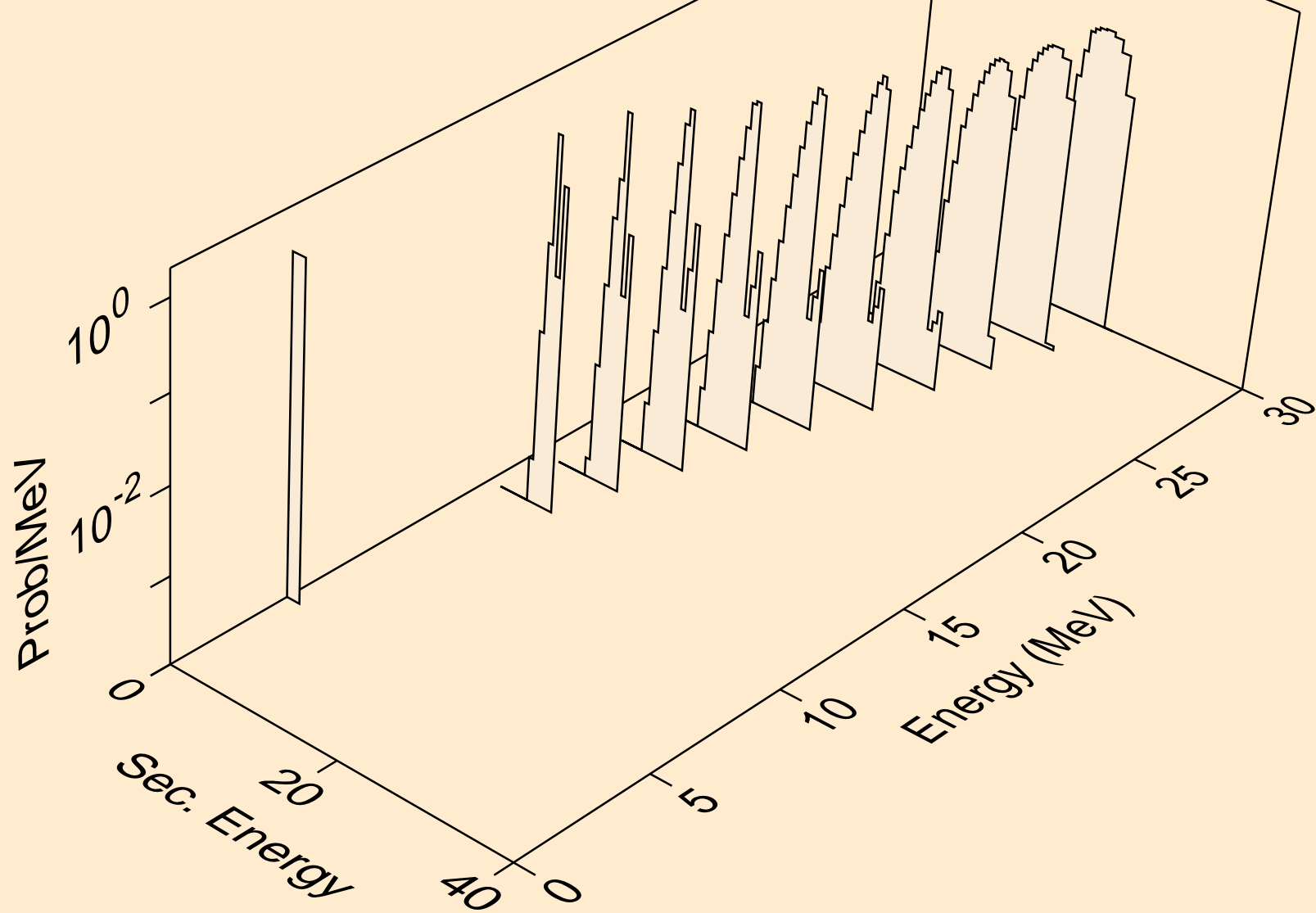
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he3s from (n,x)



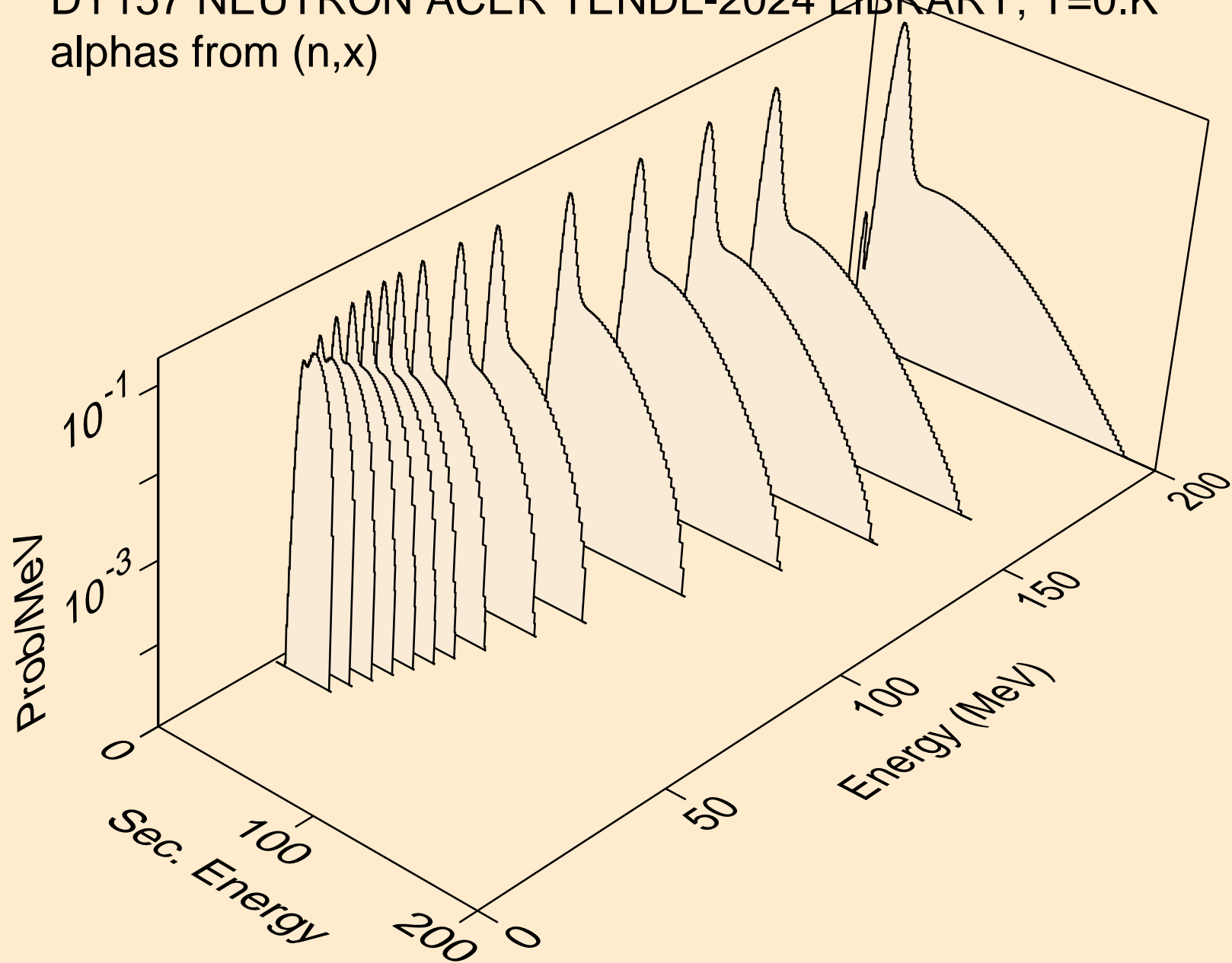
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



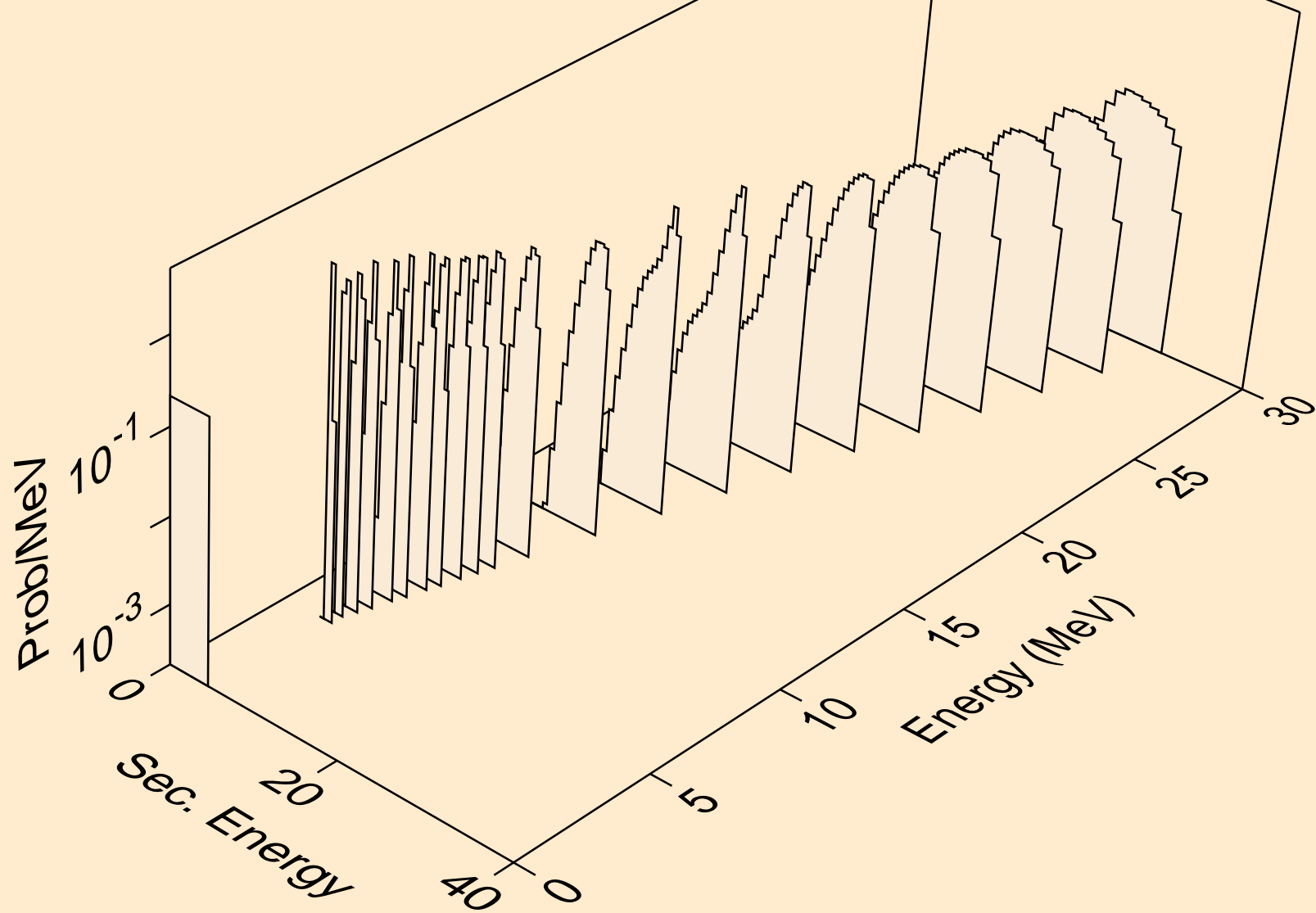
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he3s from (n,he3)



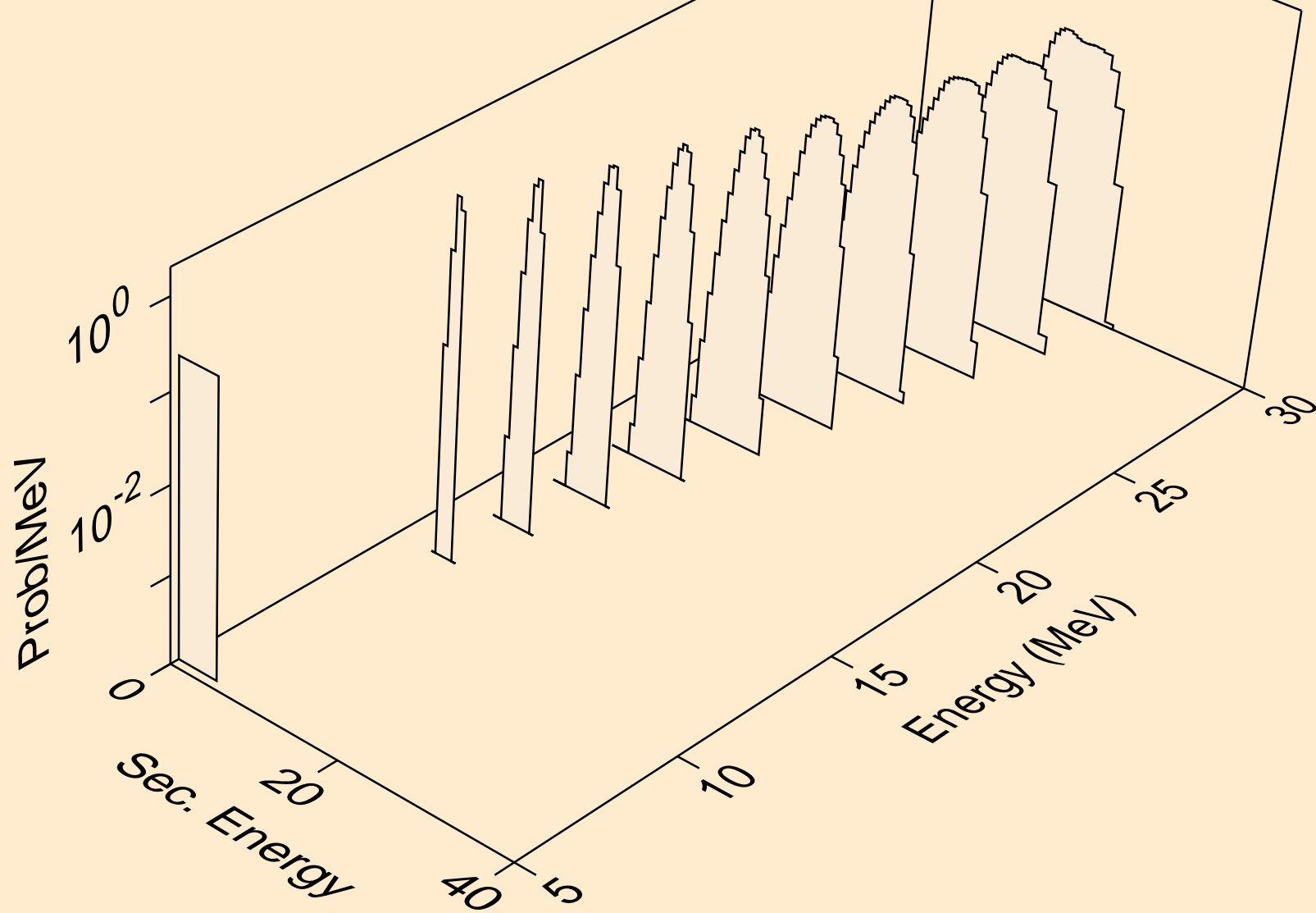
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



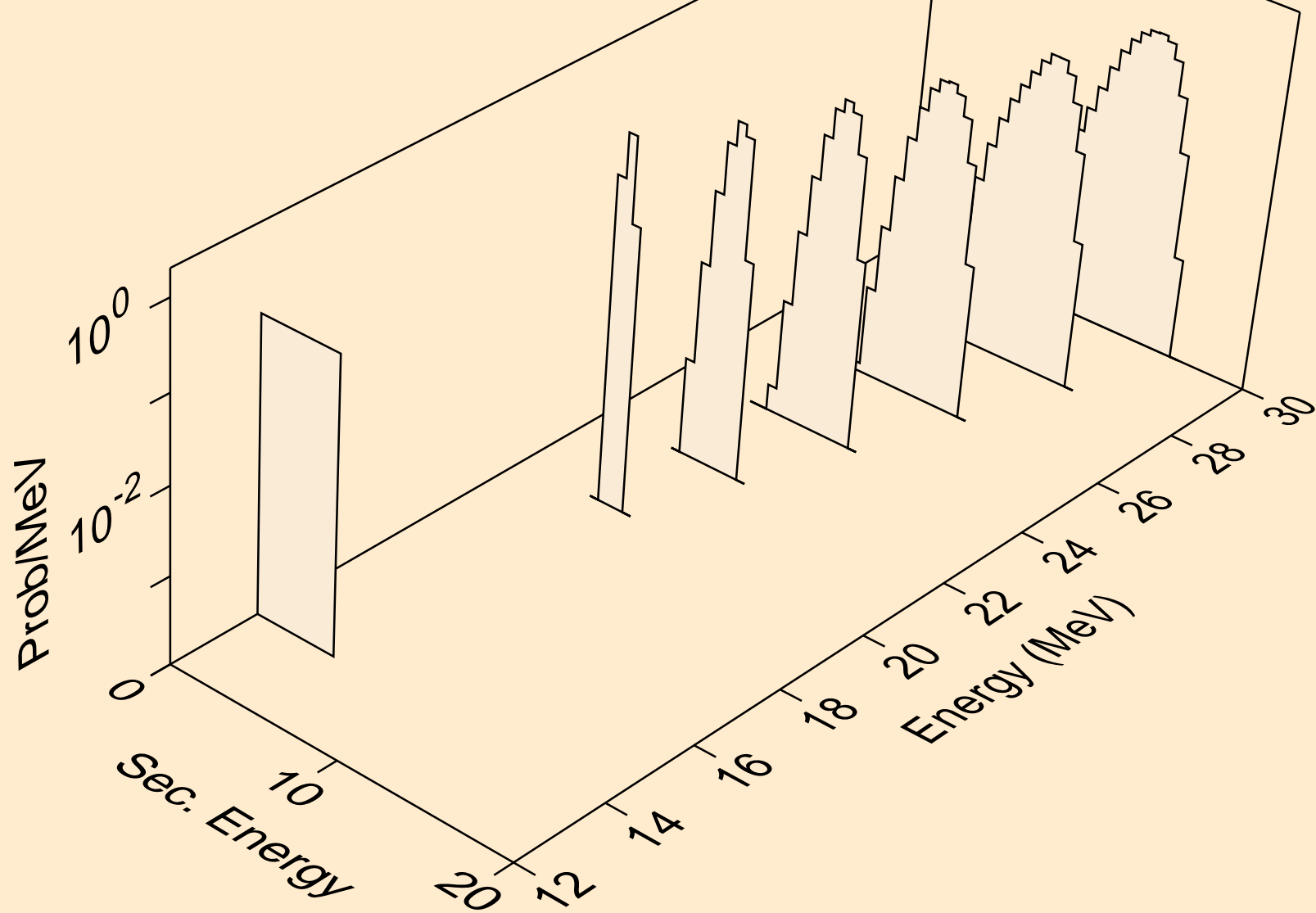
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

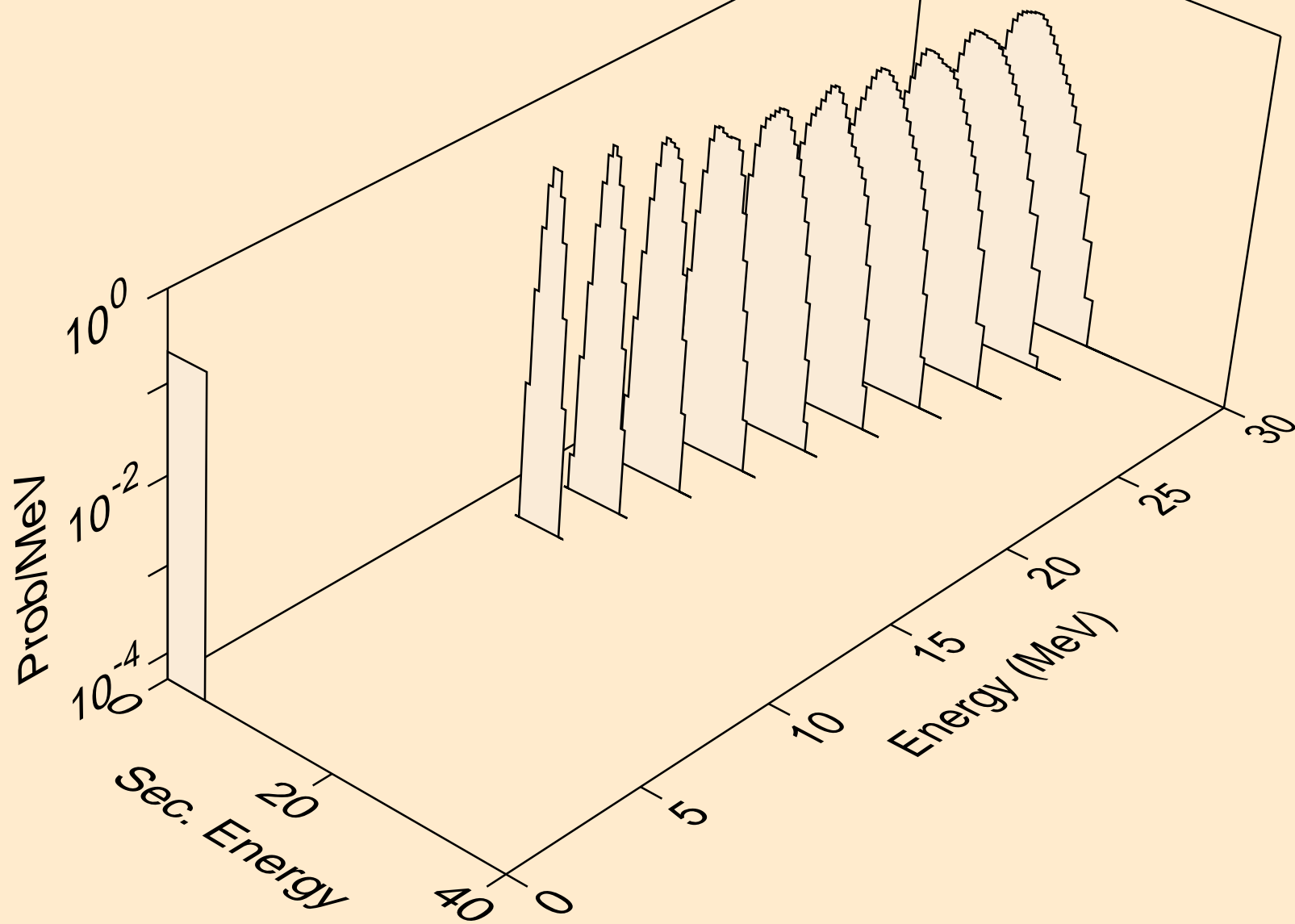


DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

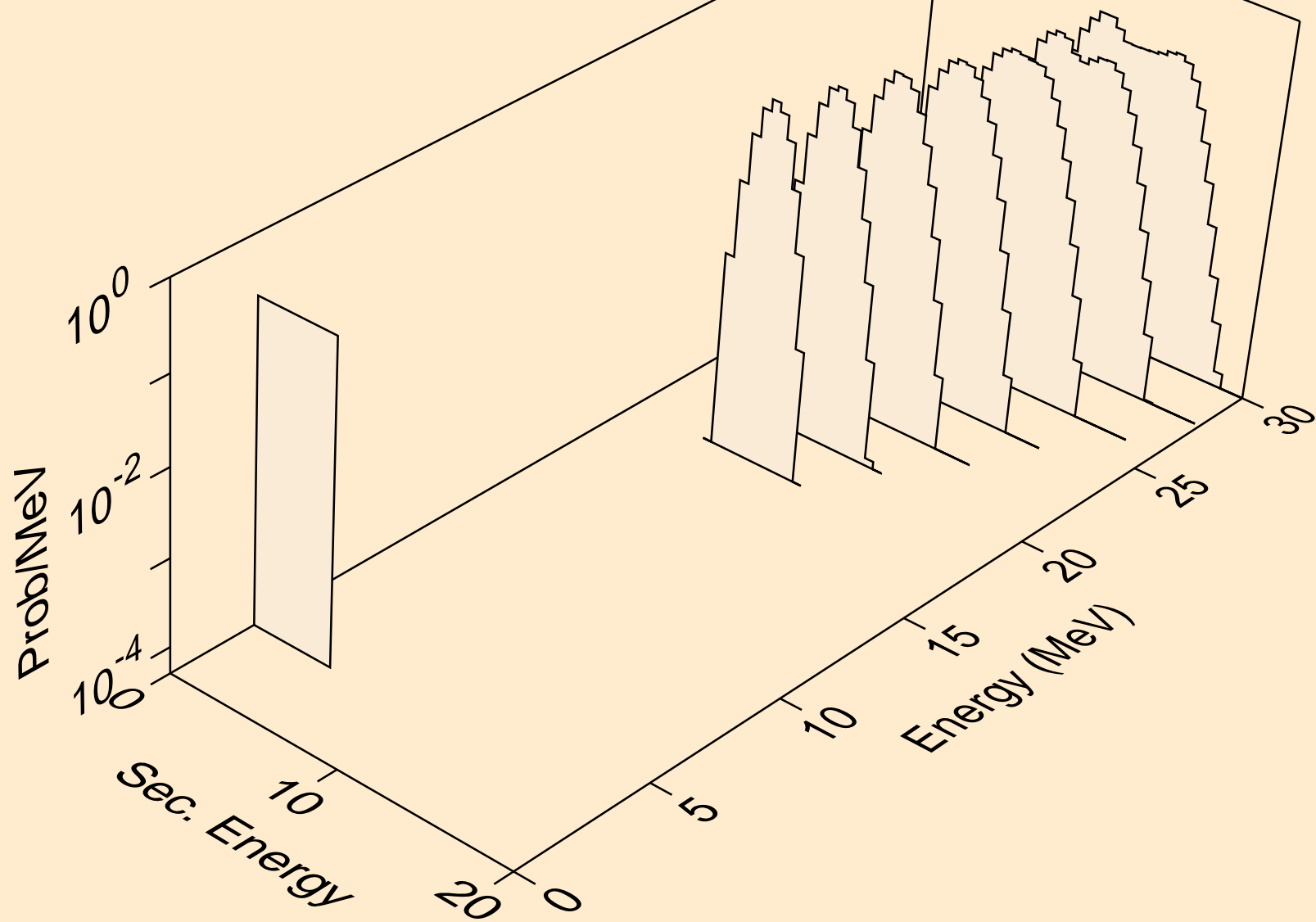




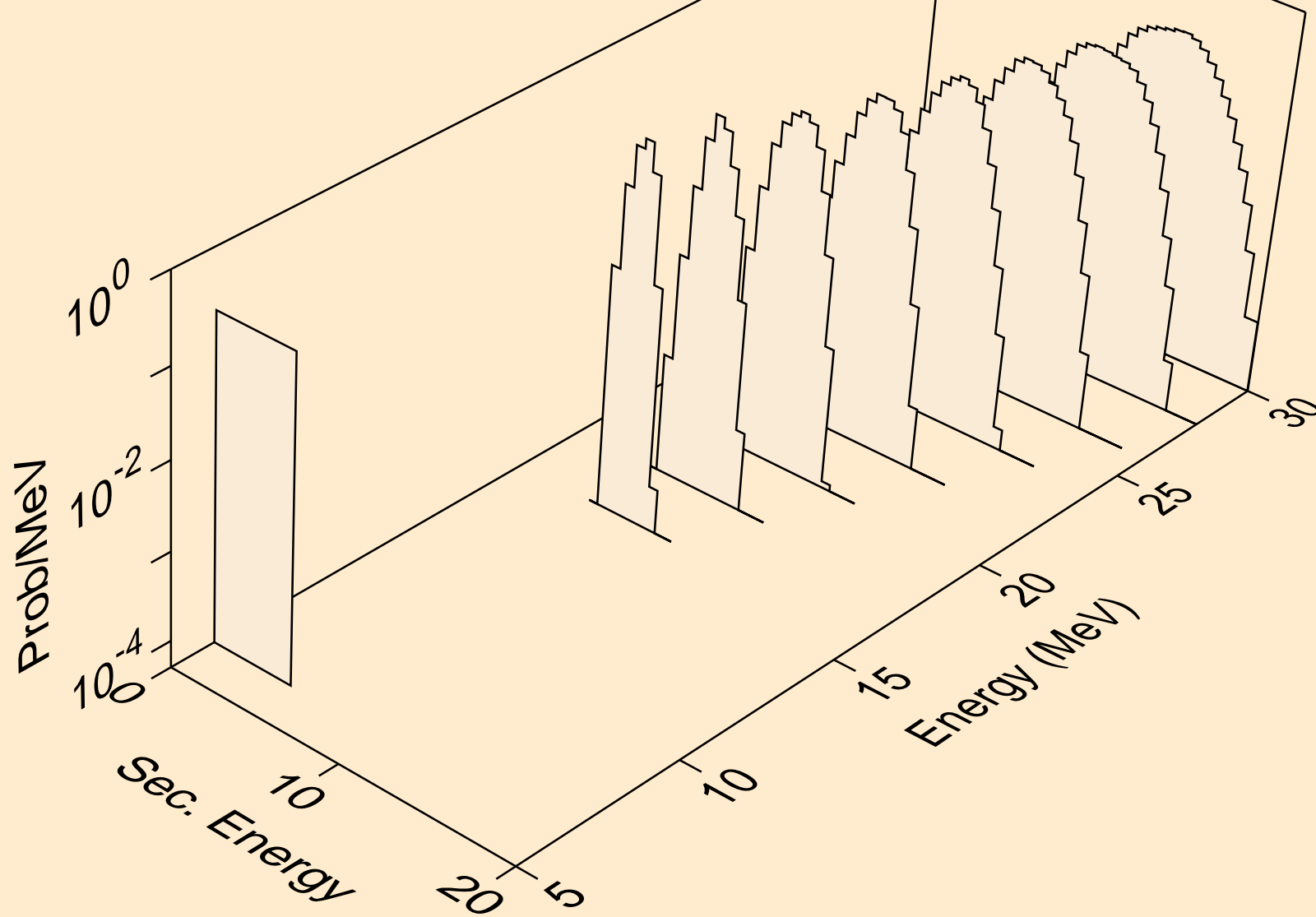
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



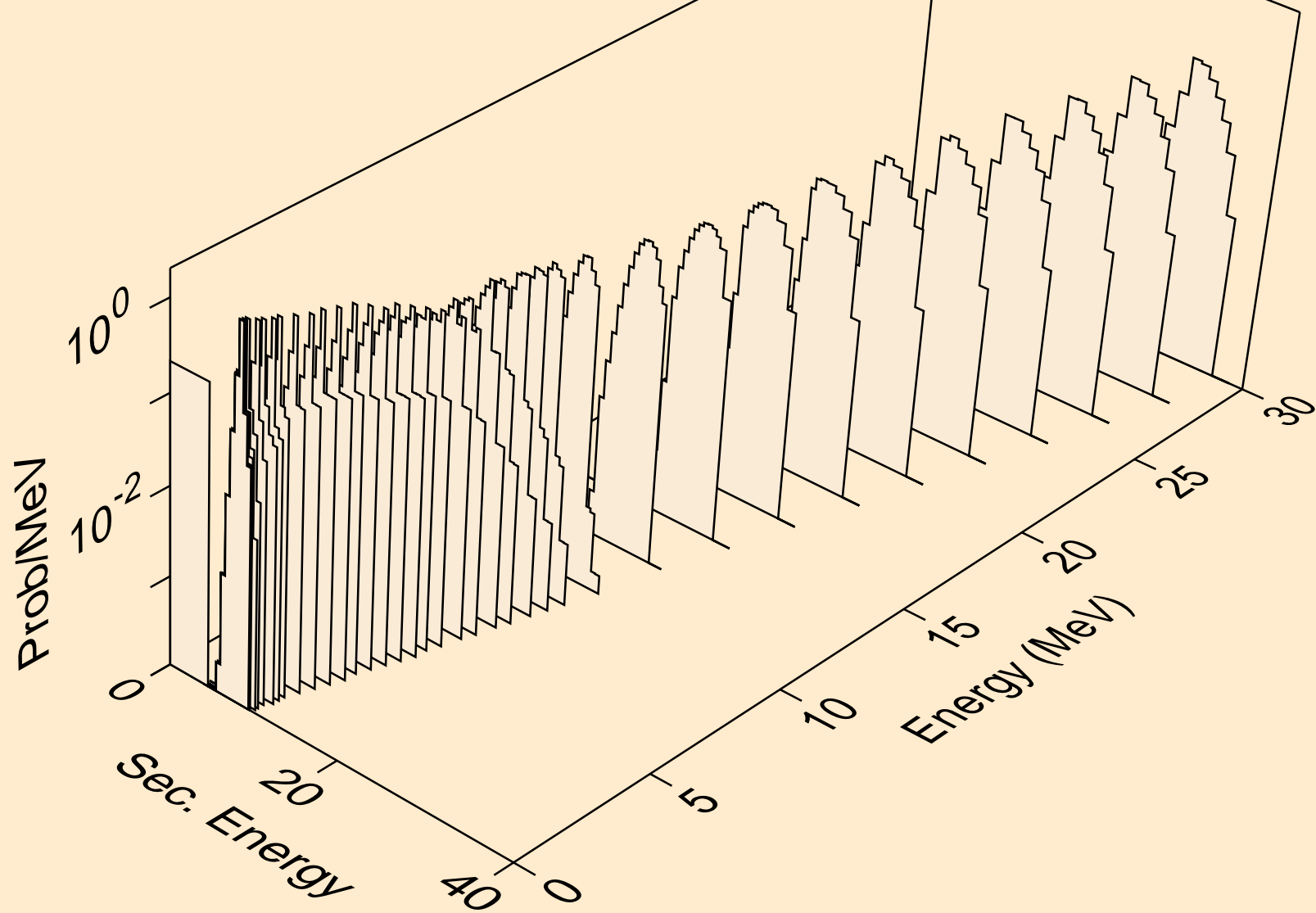
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



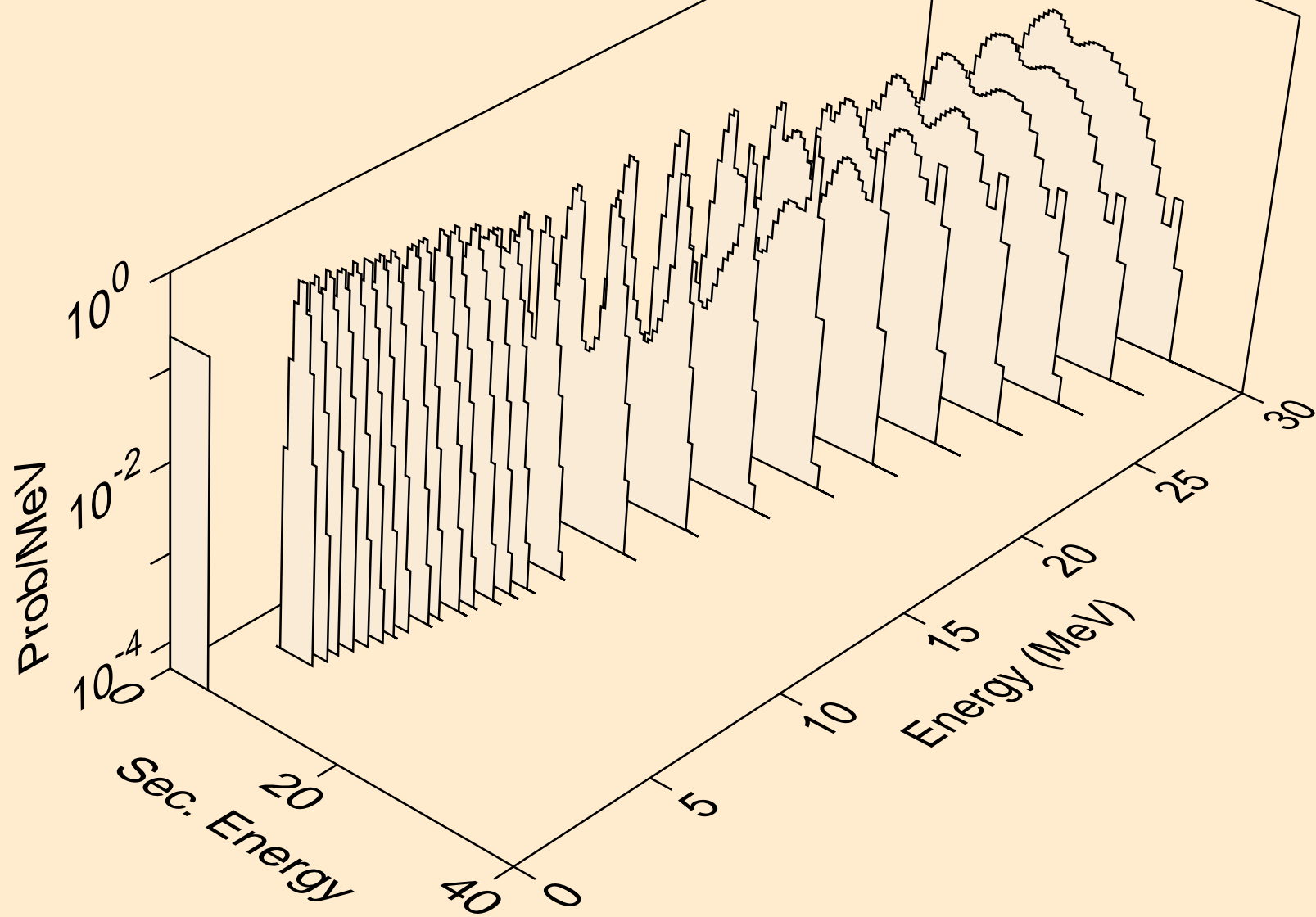
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



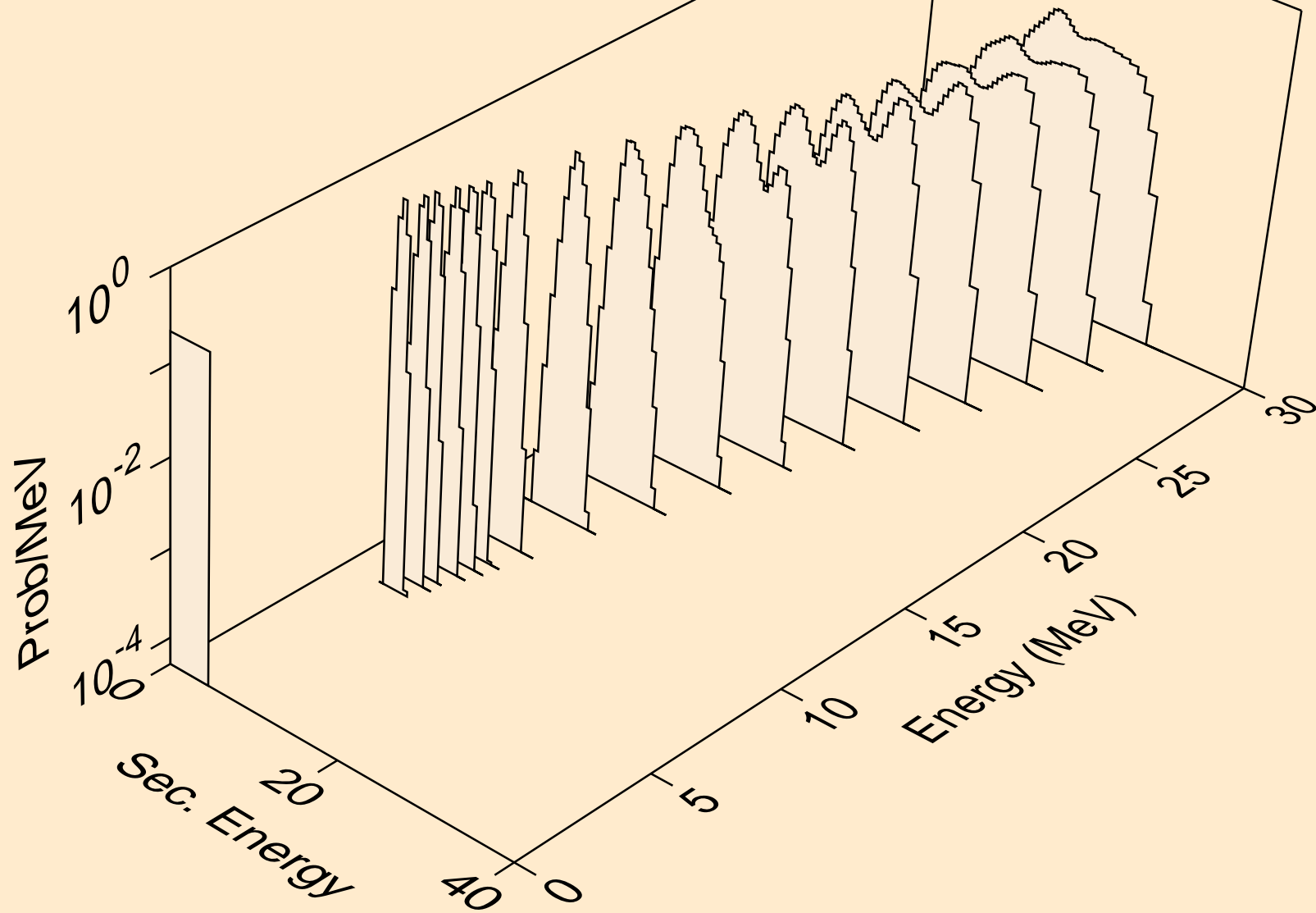
DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



DY157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

