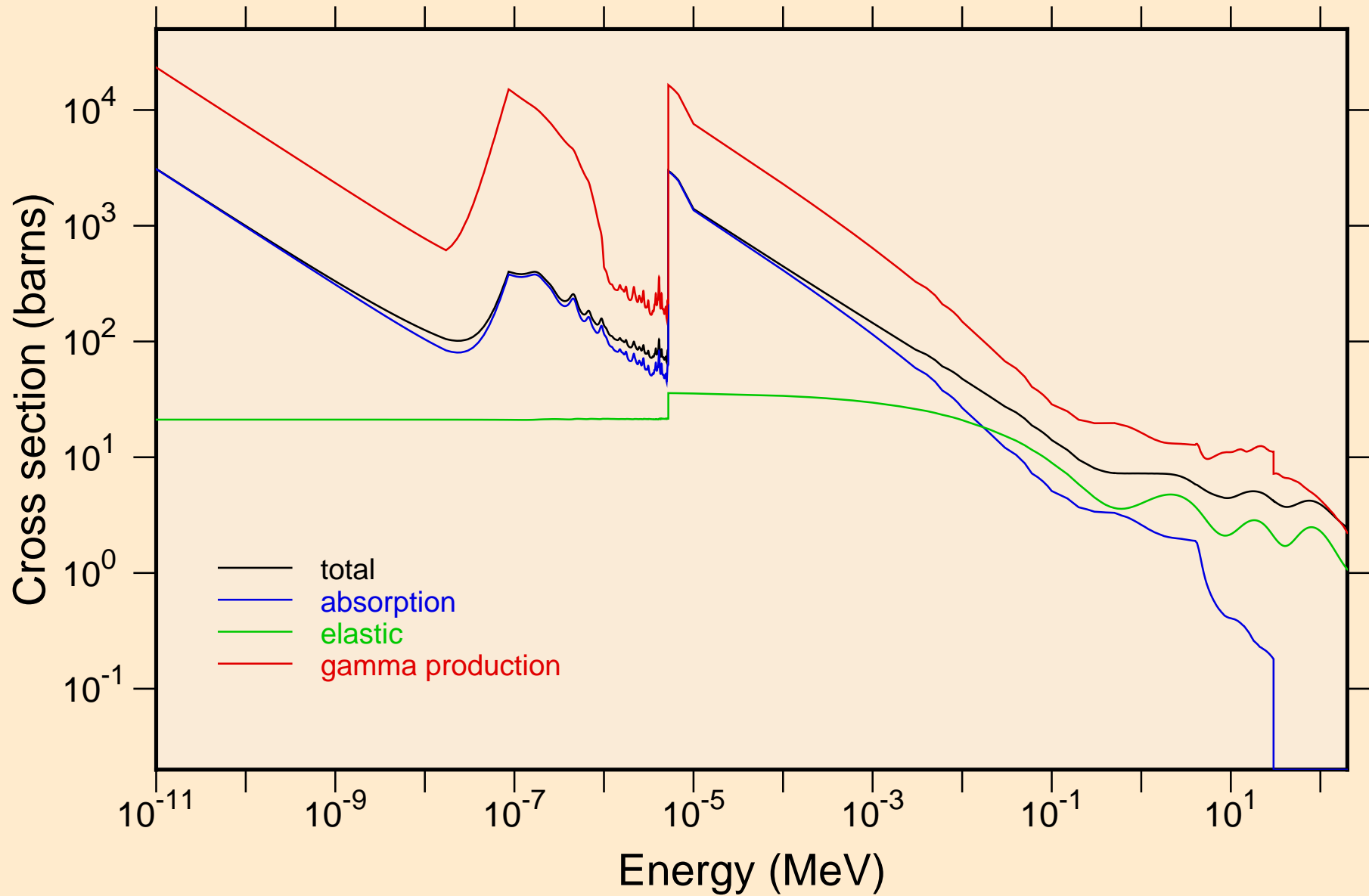
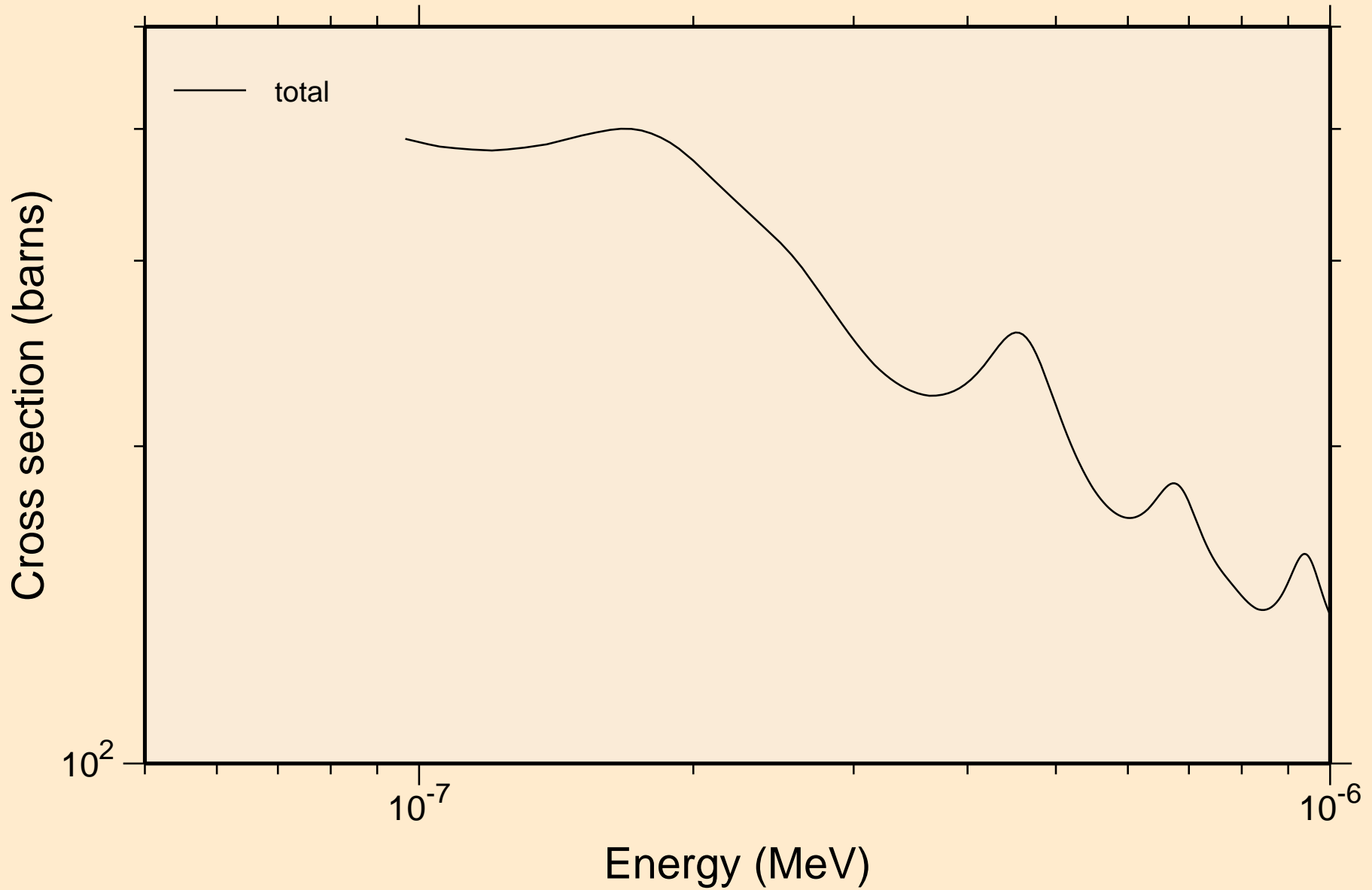


# YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

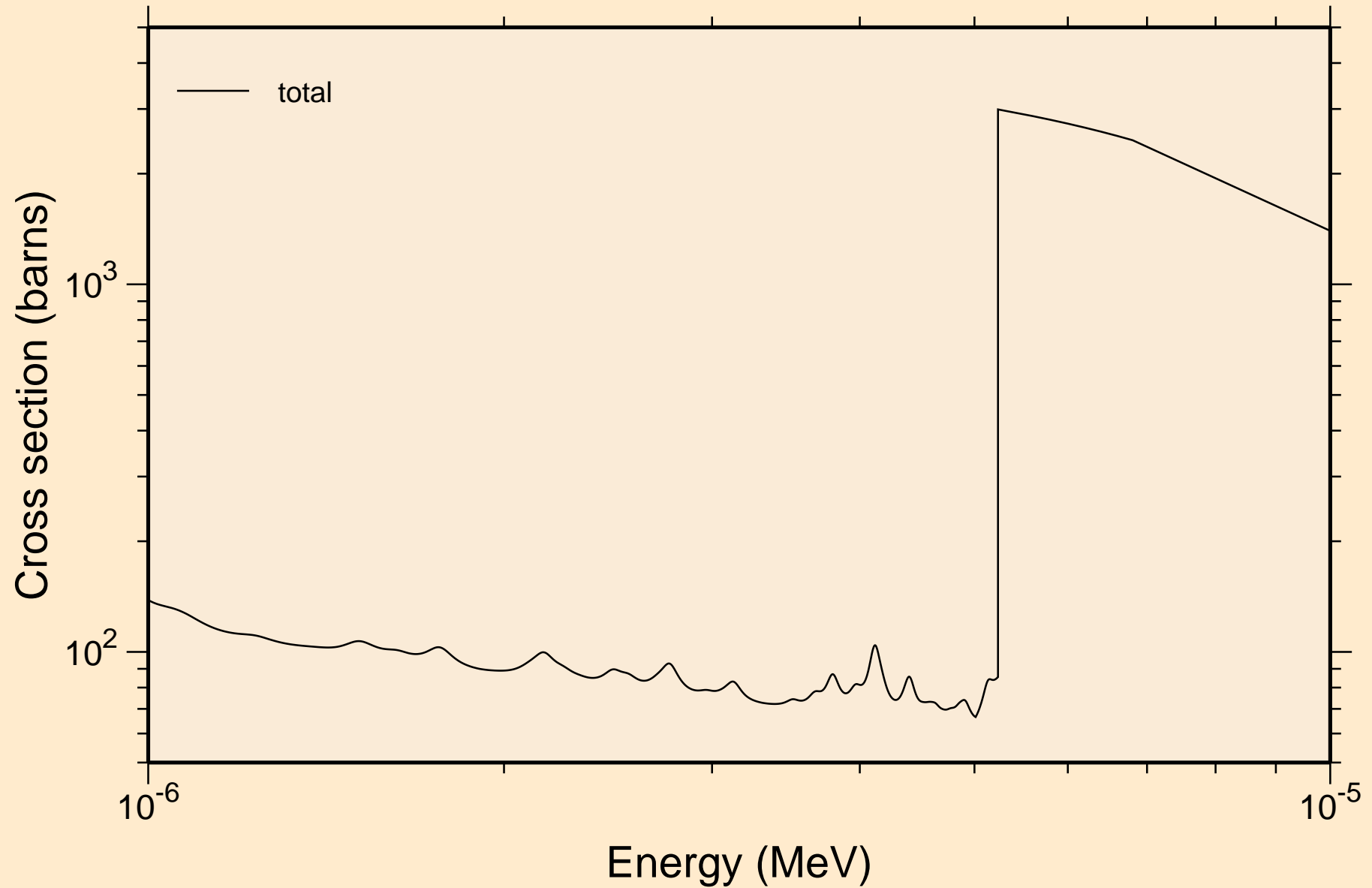
## Principal cross sections



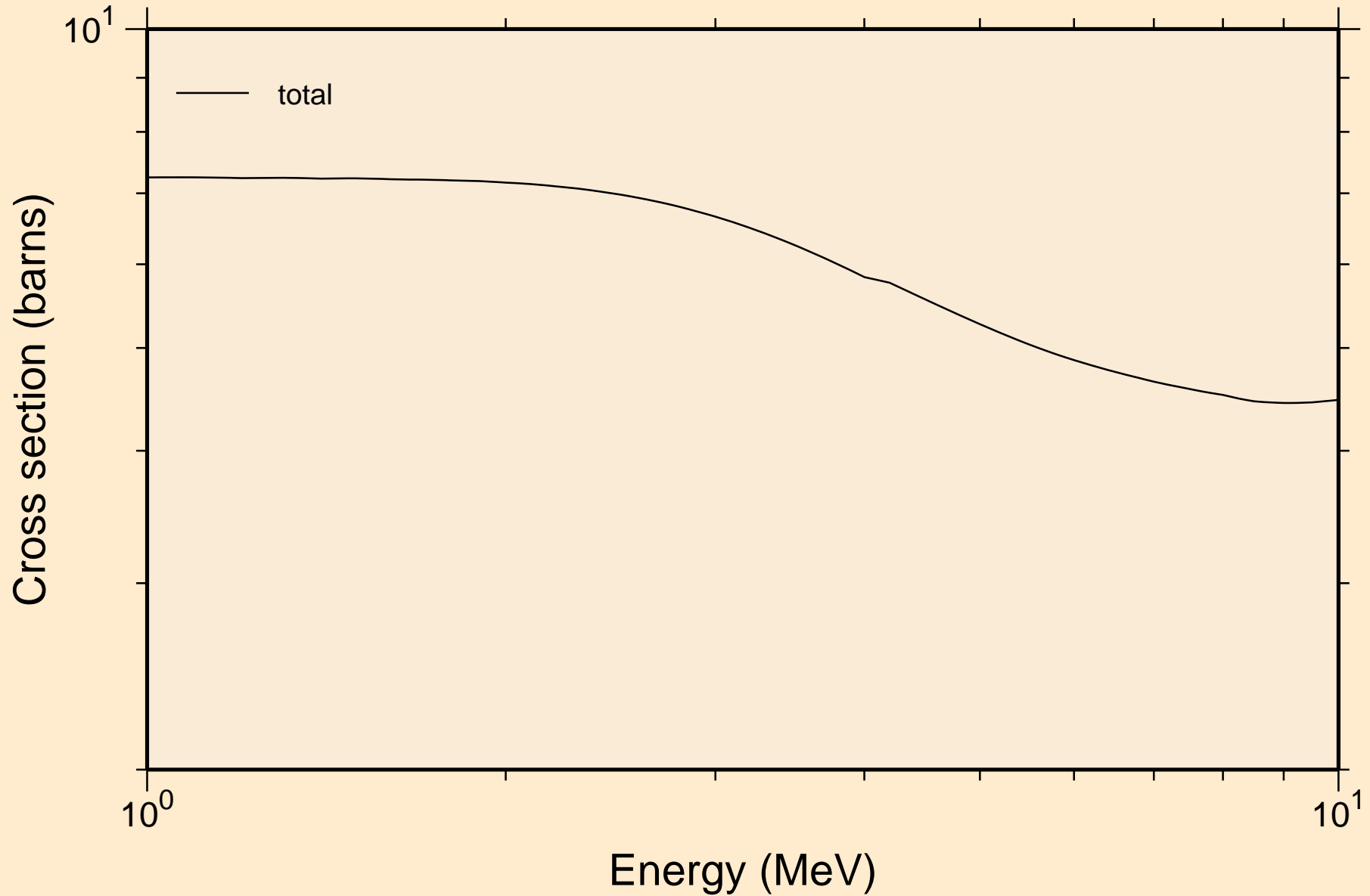
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



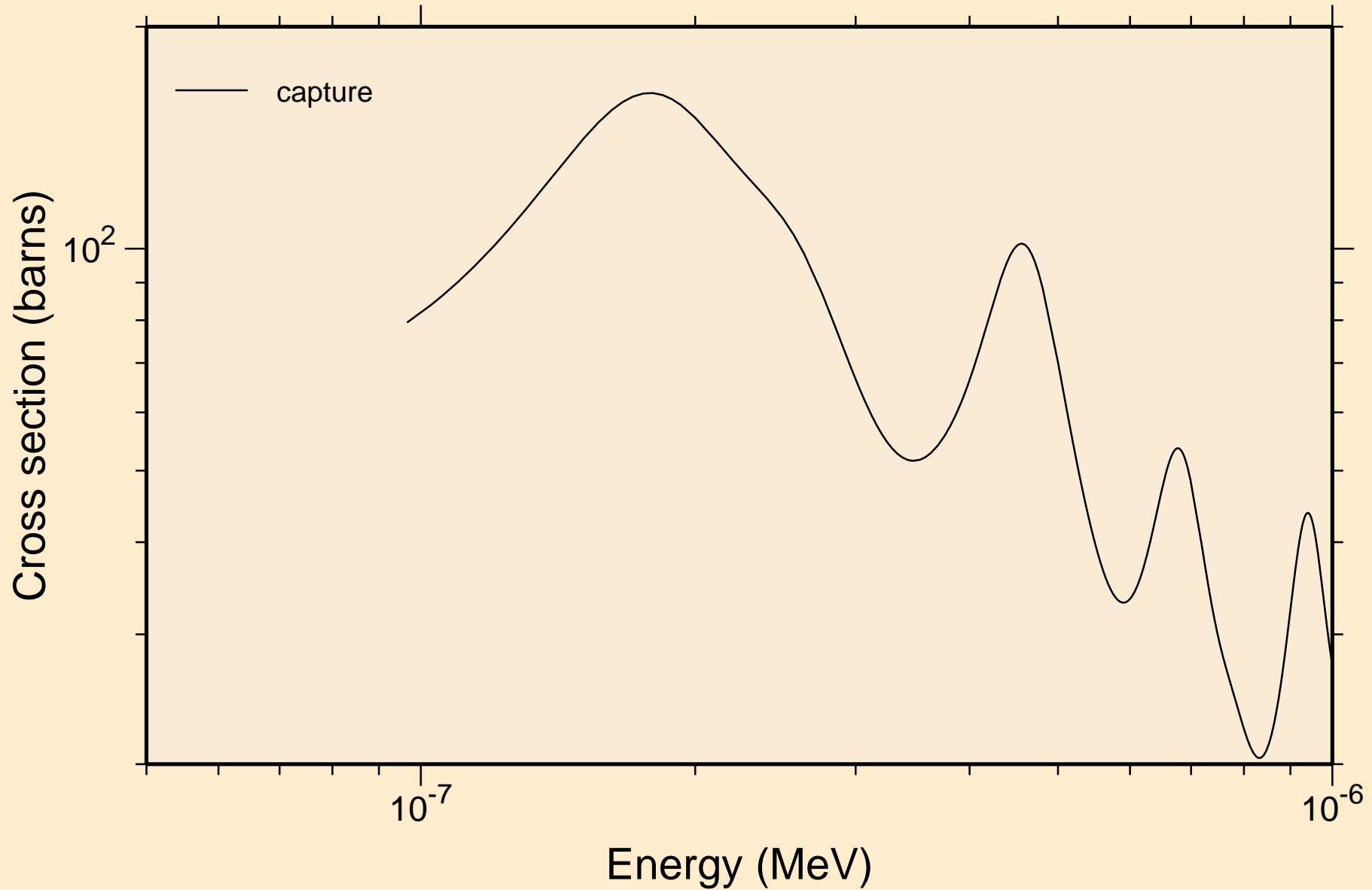
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



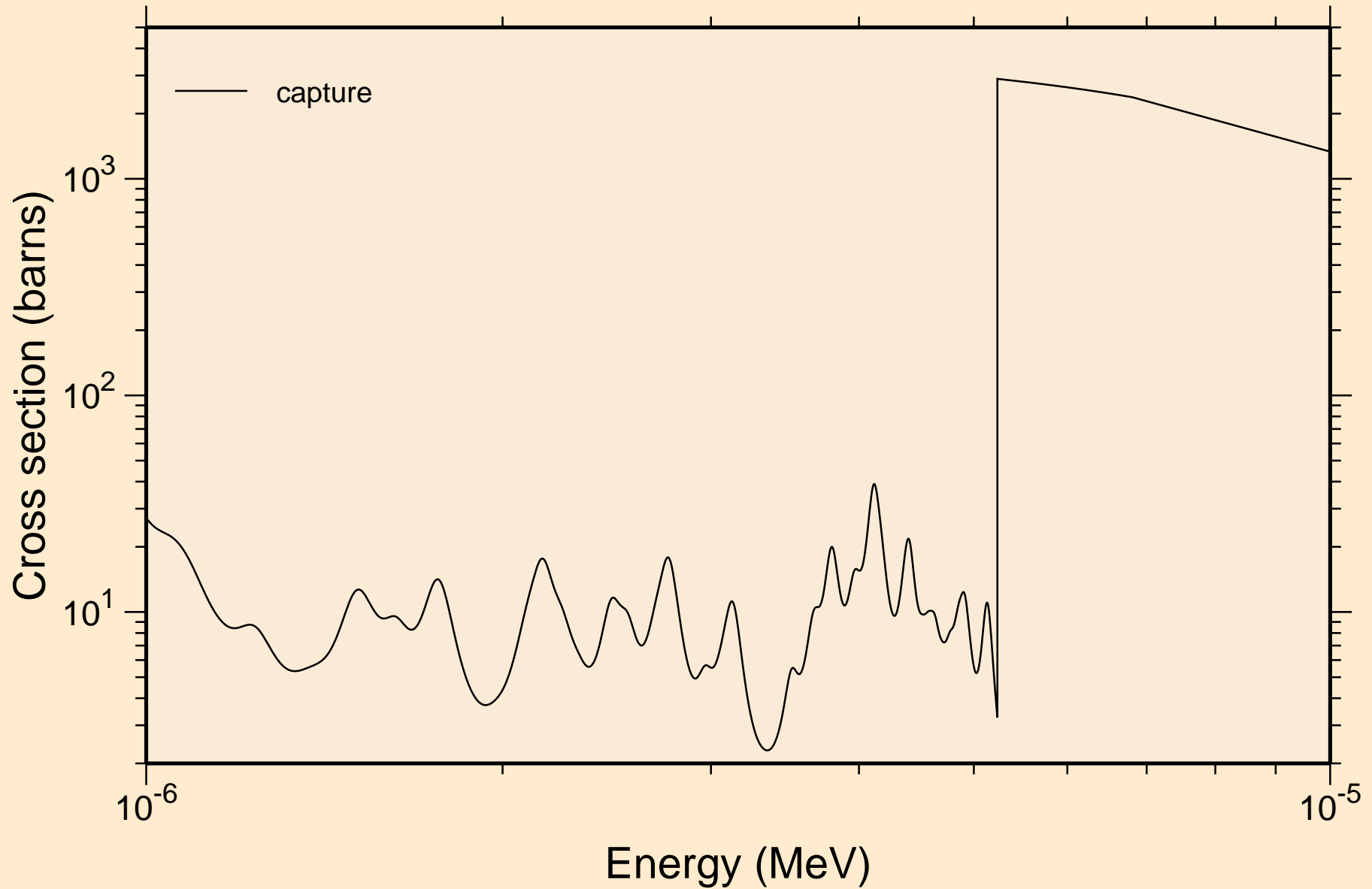
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



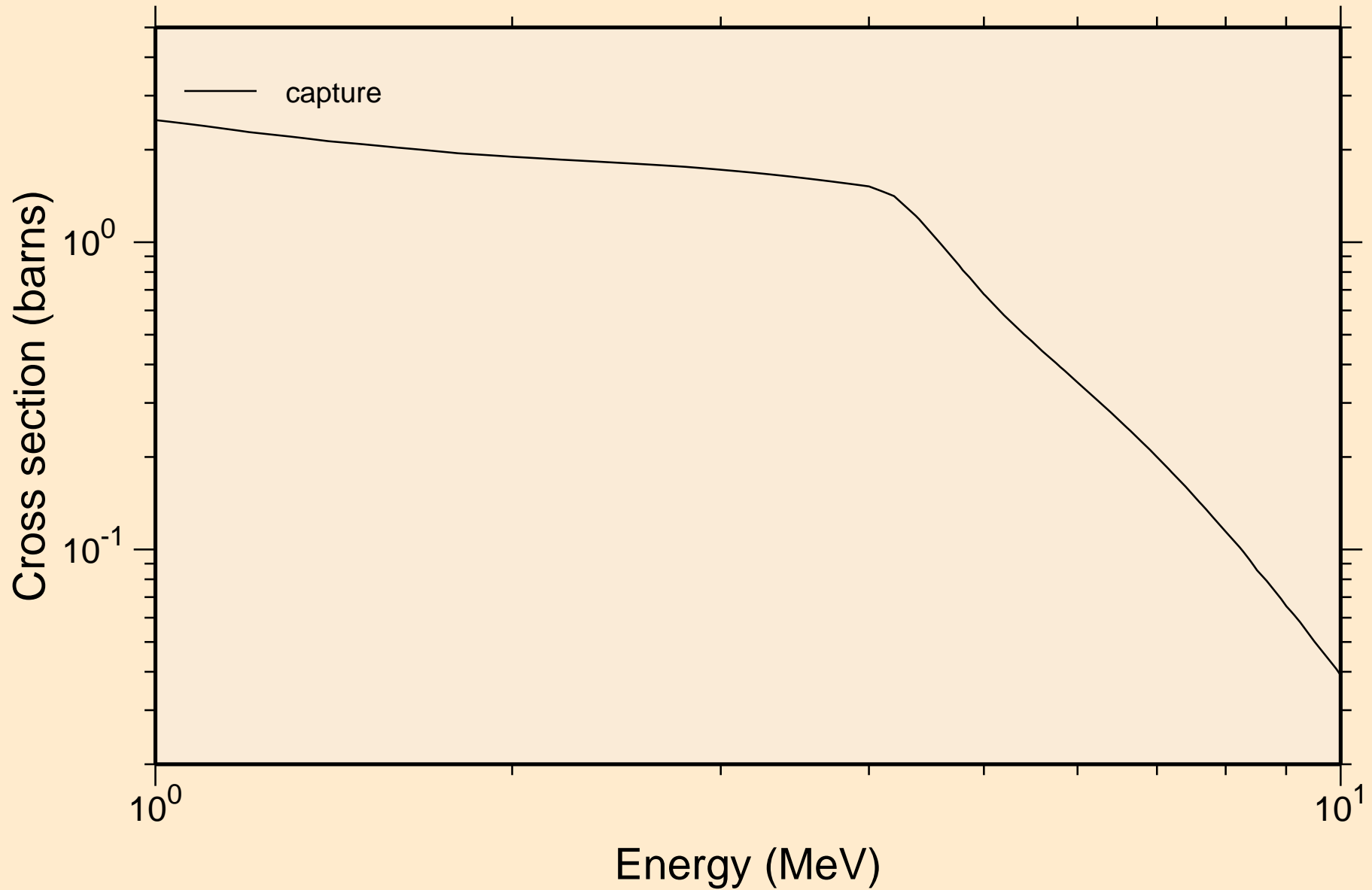
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



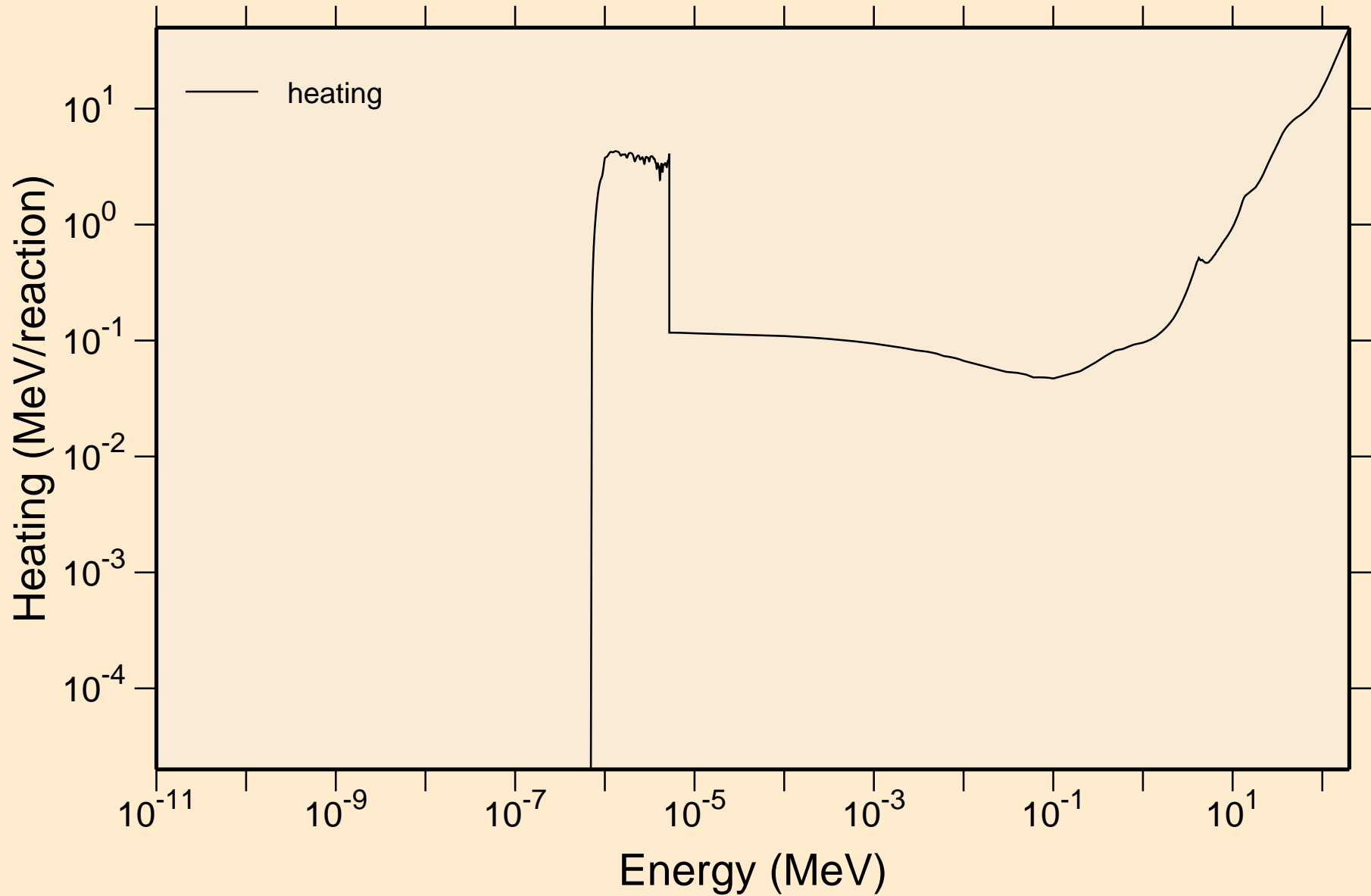
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

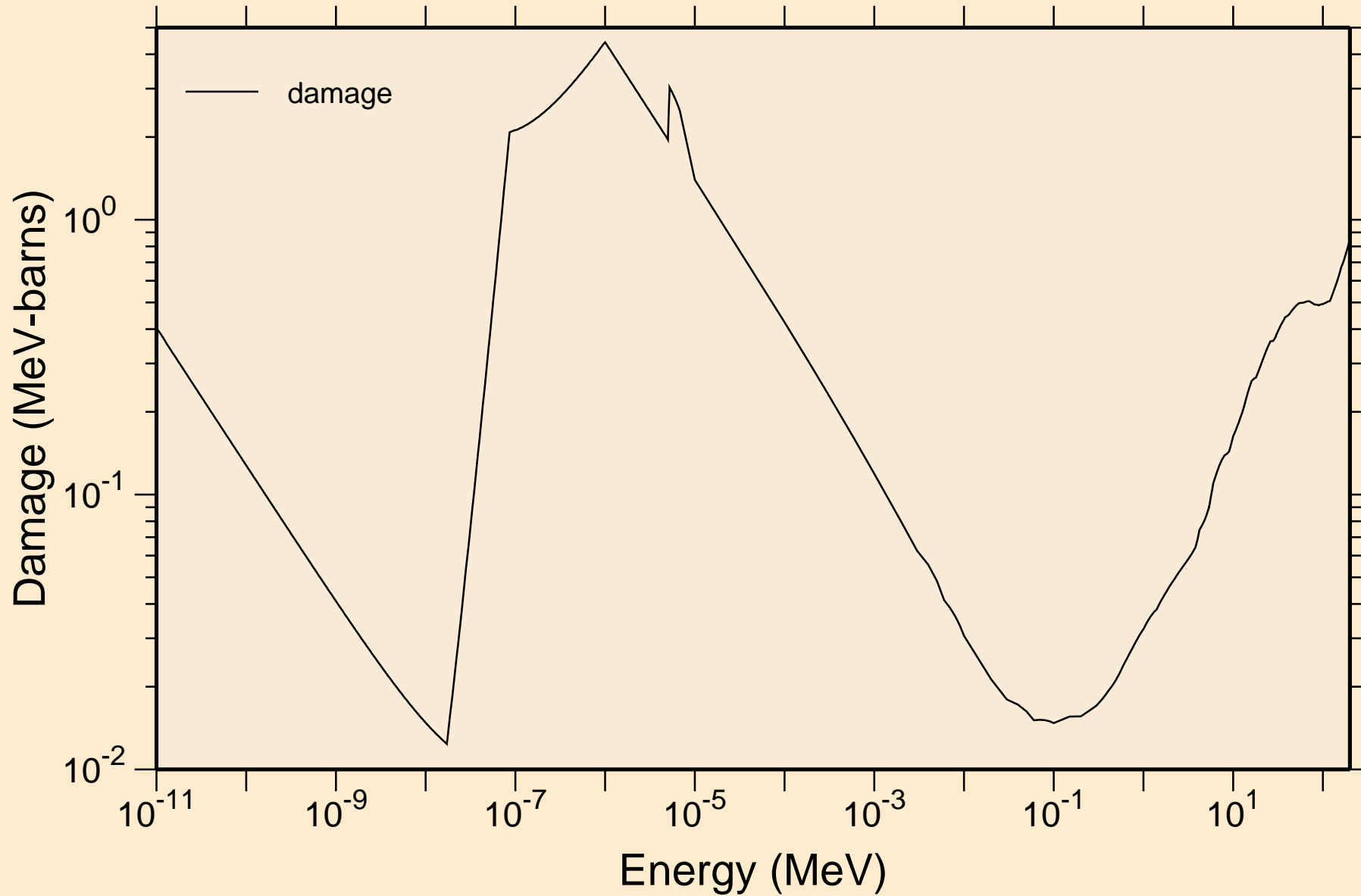


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

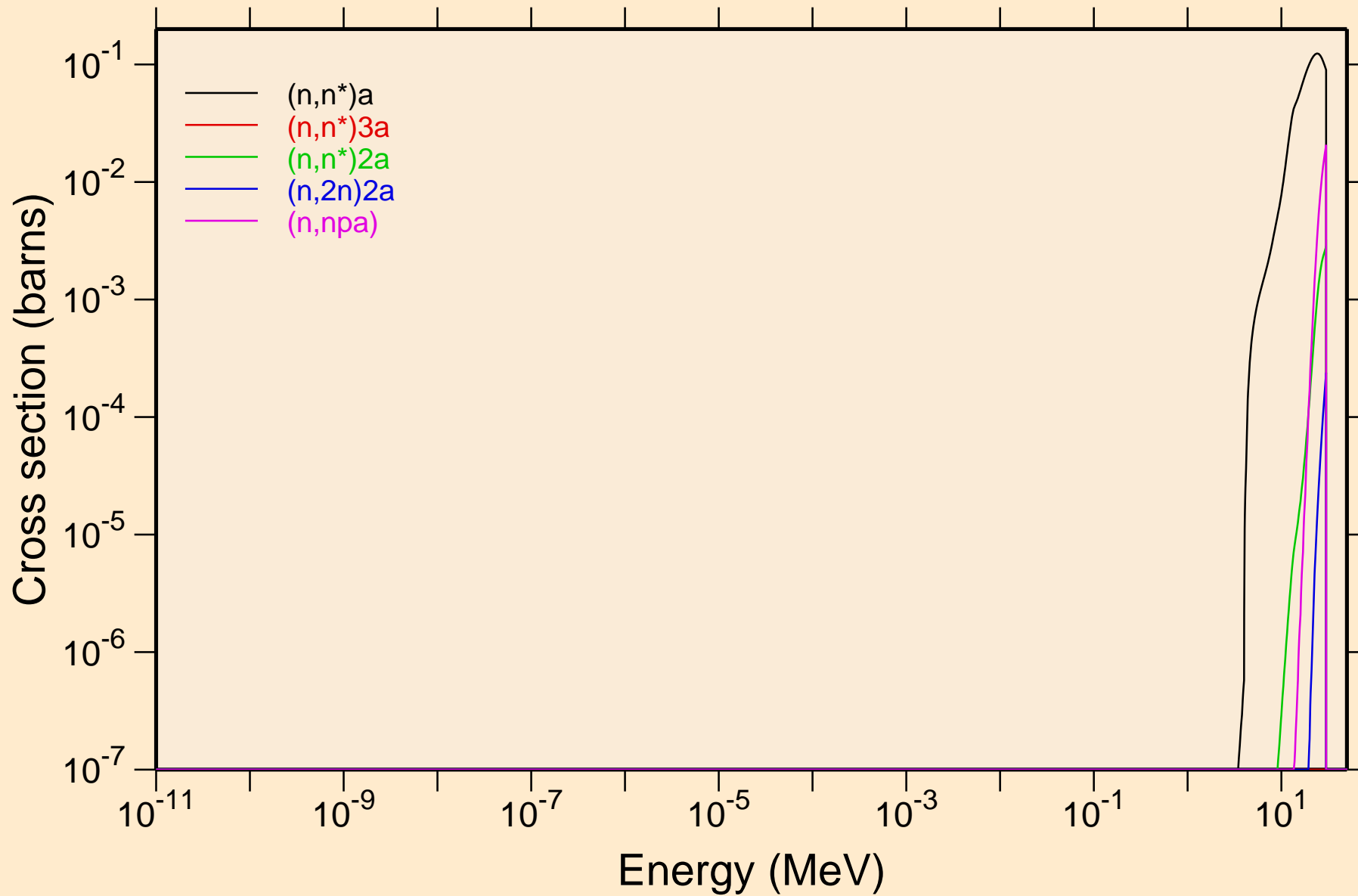




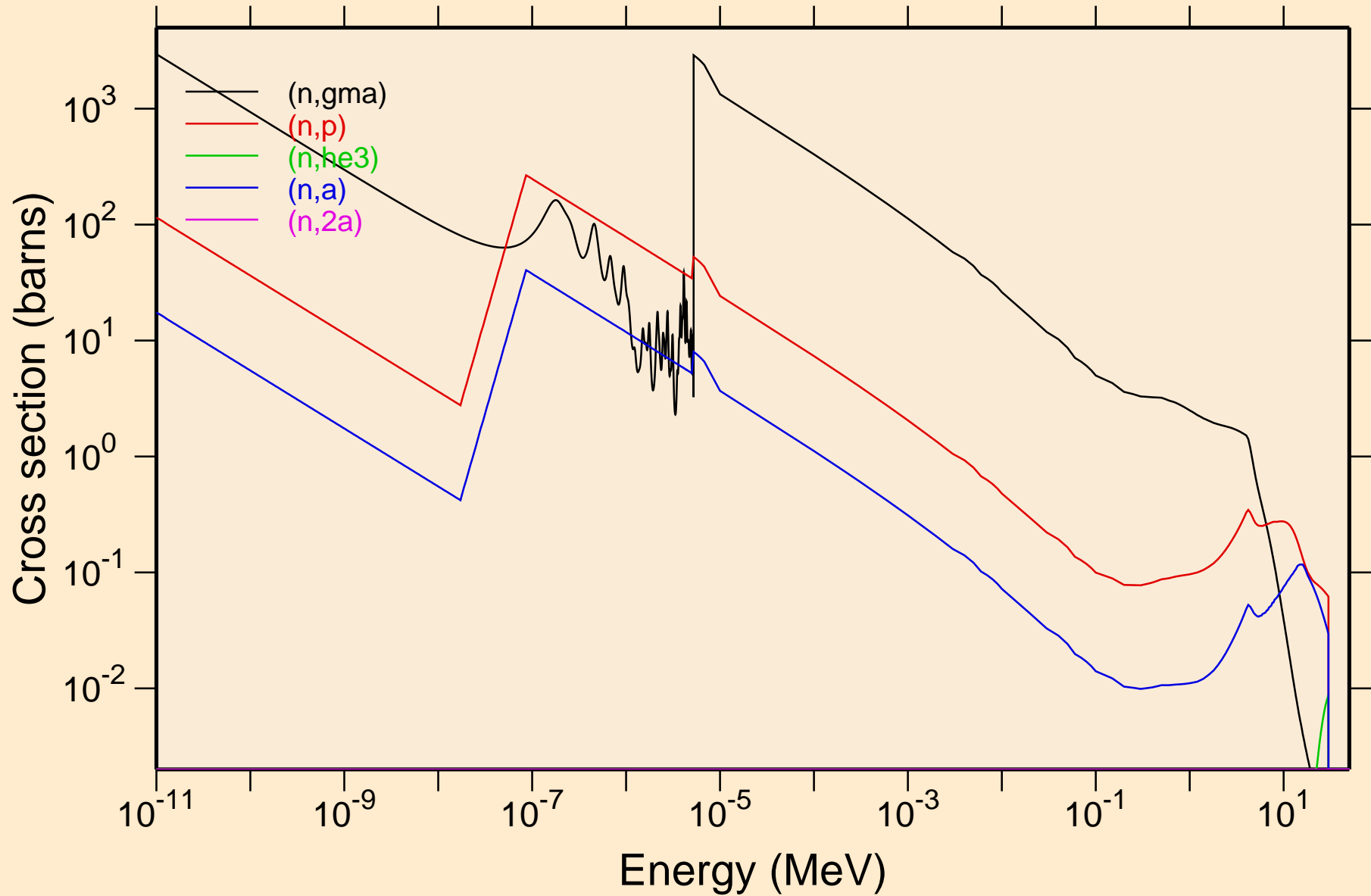
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



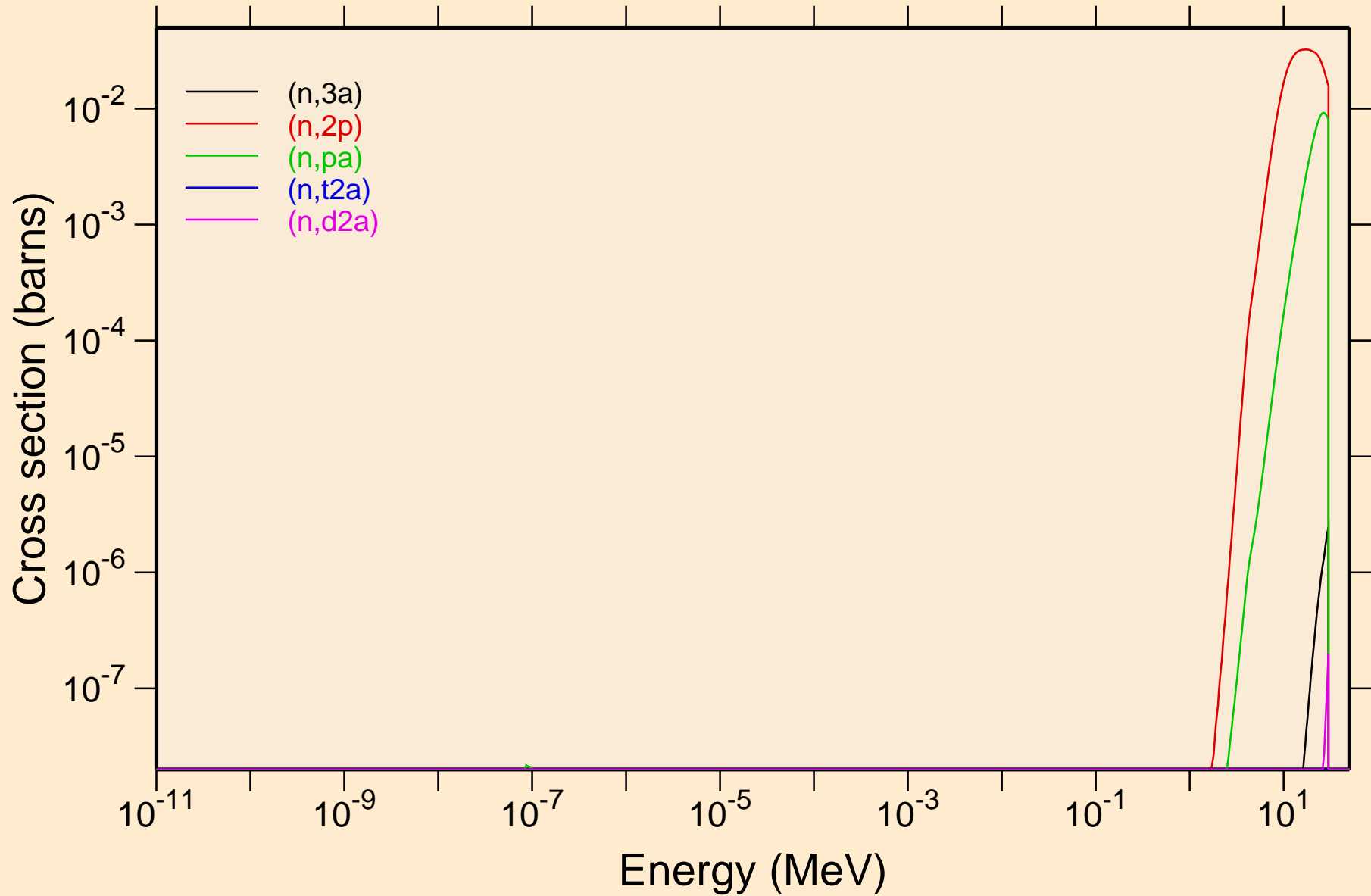
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



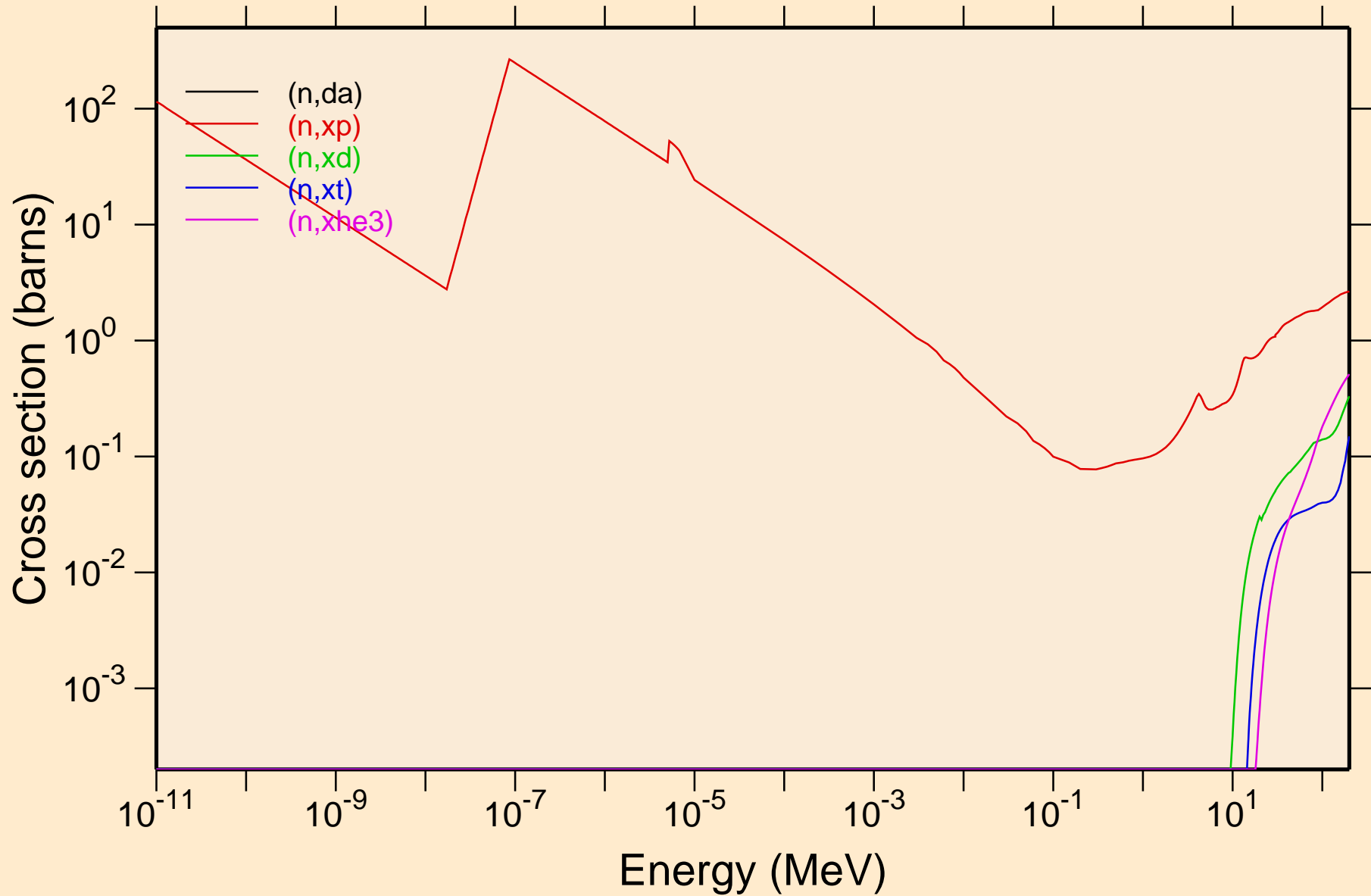
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



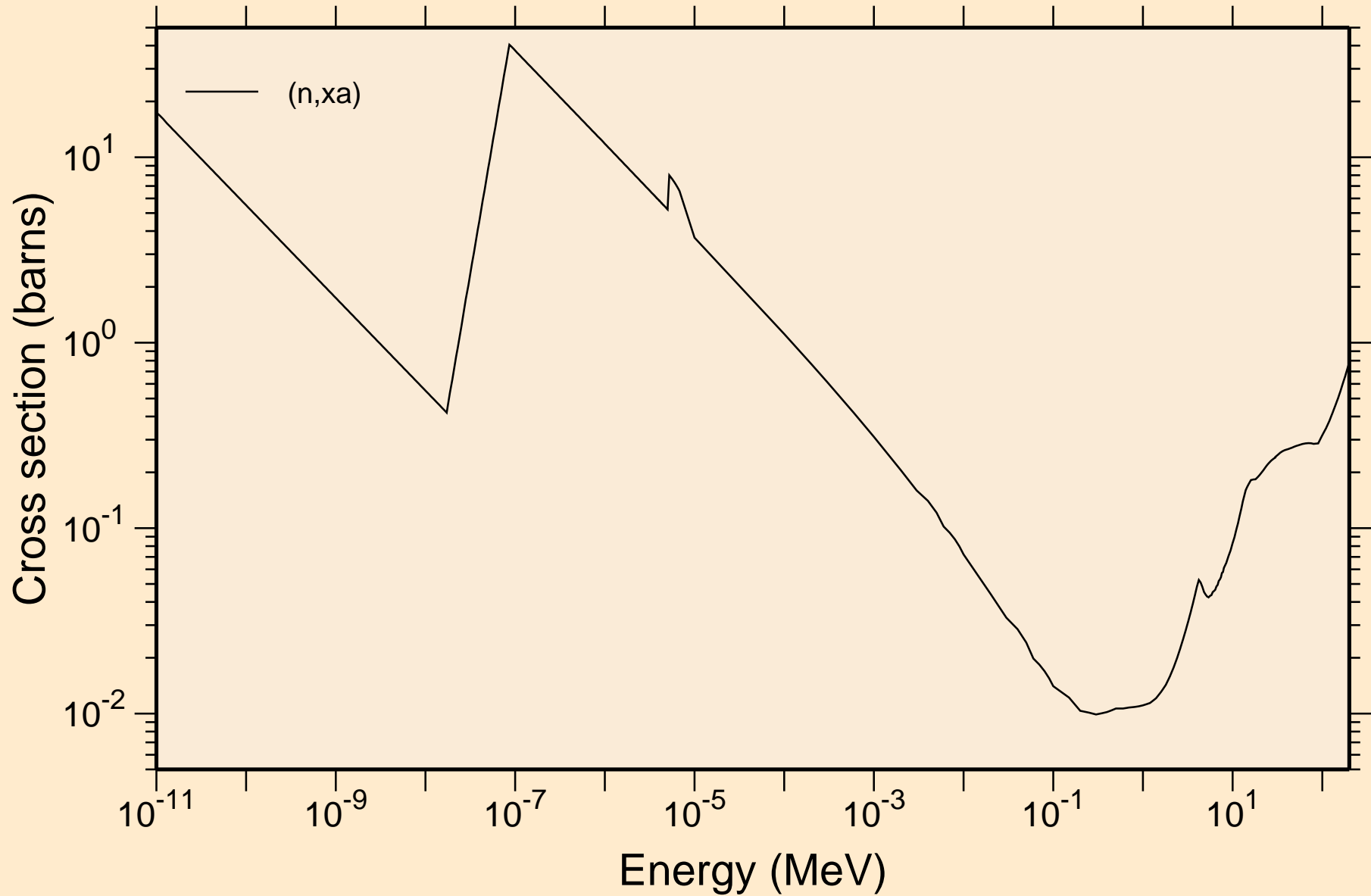
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

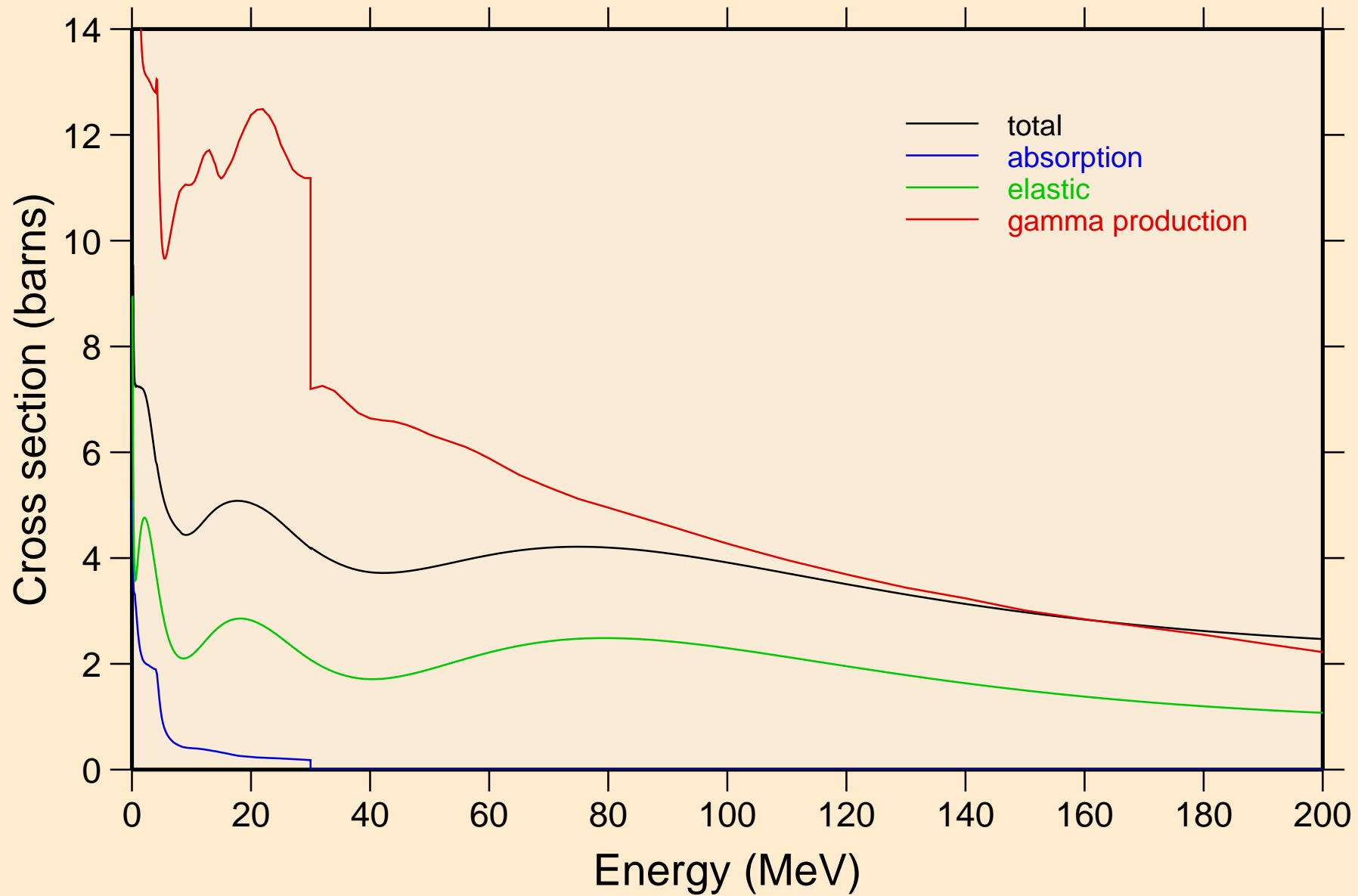


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



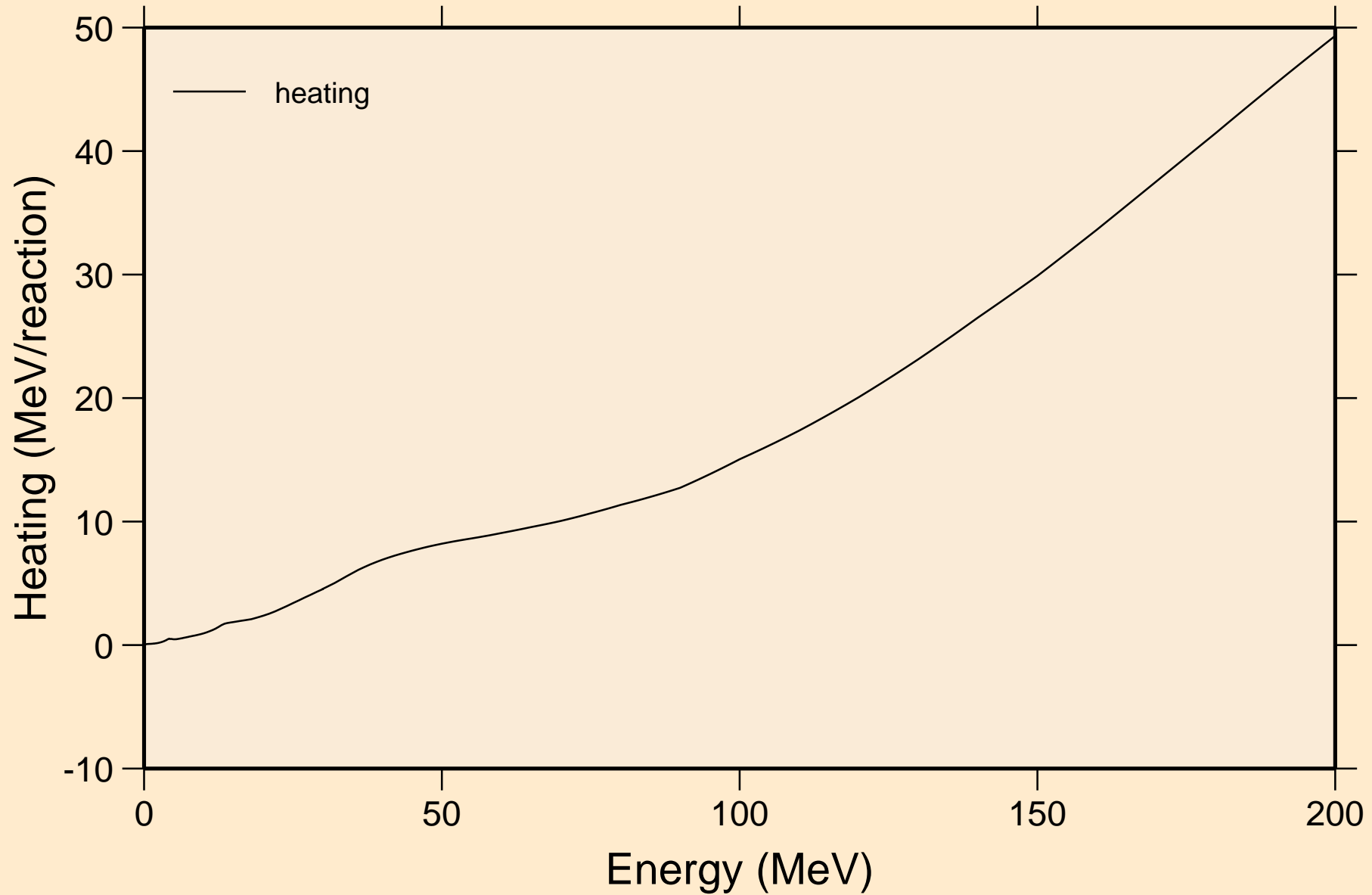
# YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



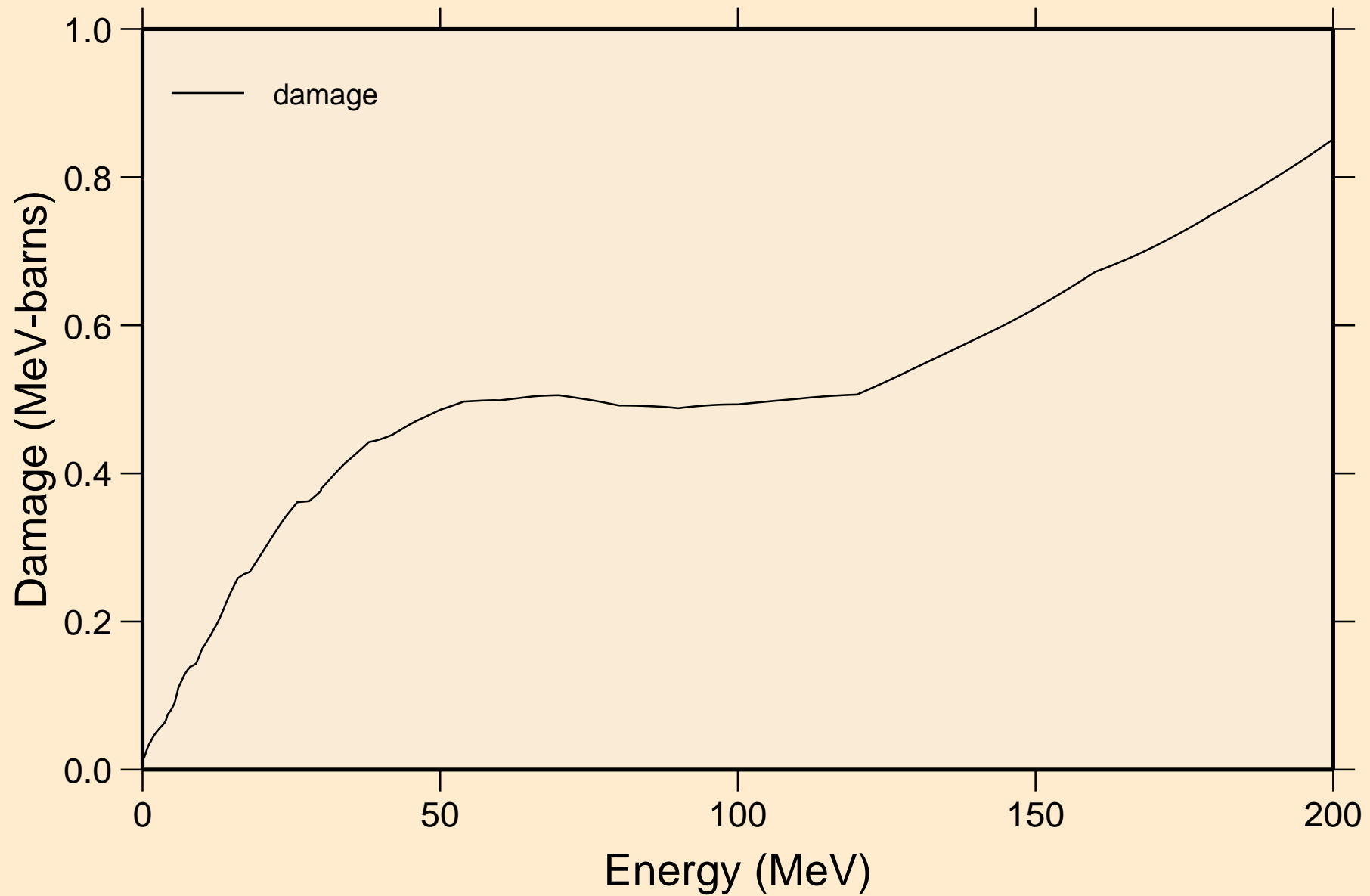
# YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

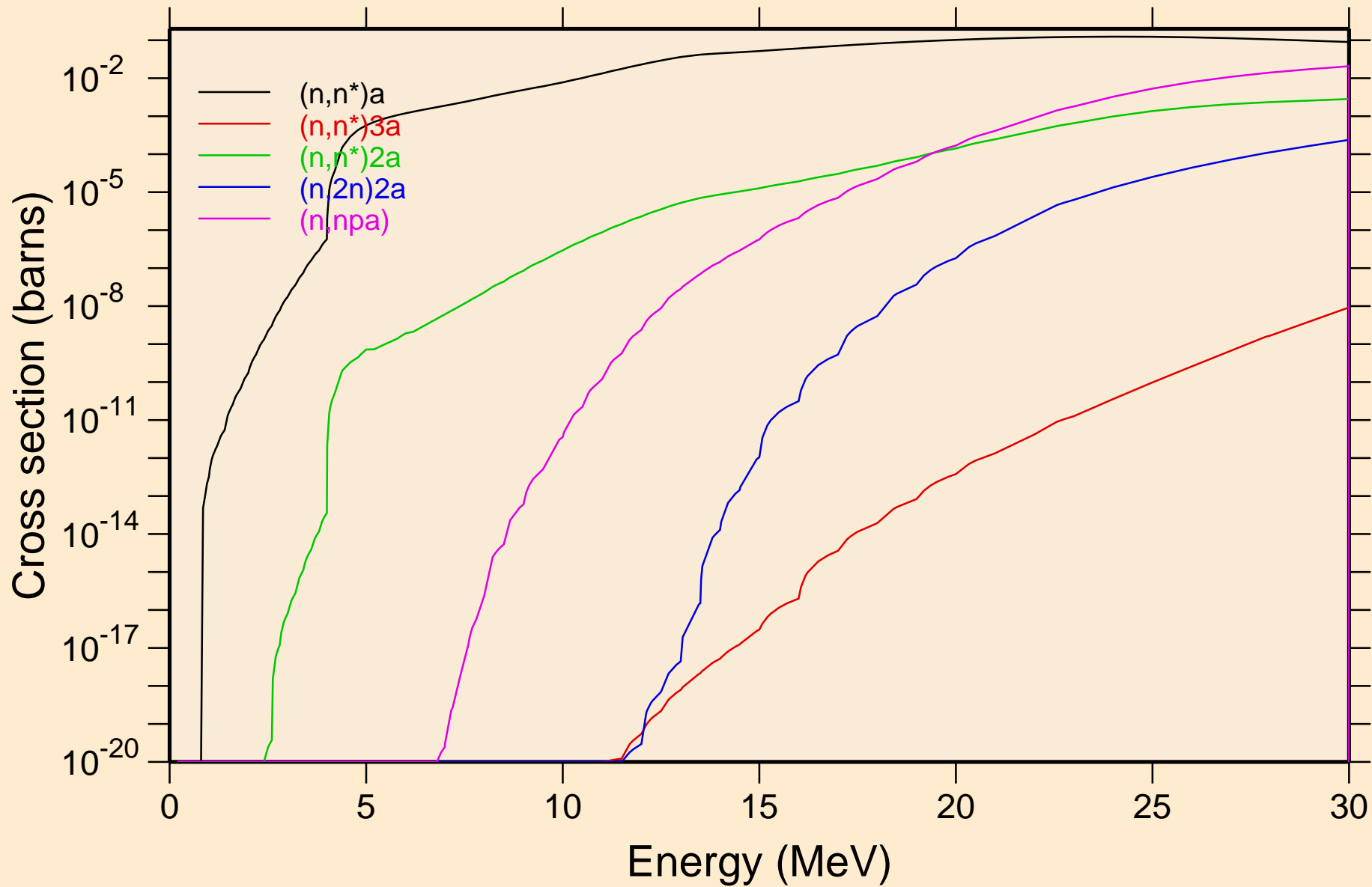




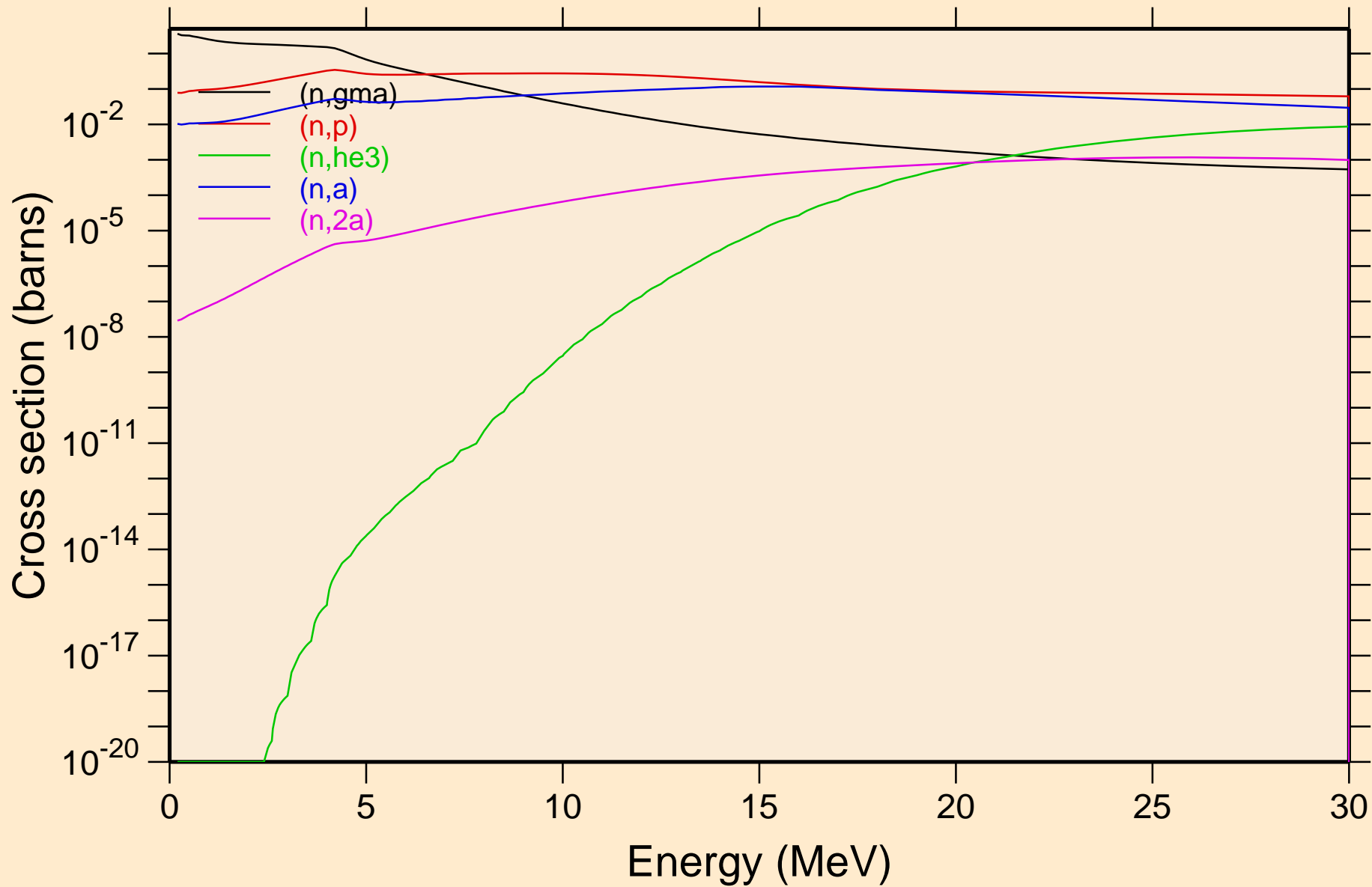
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



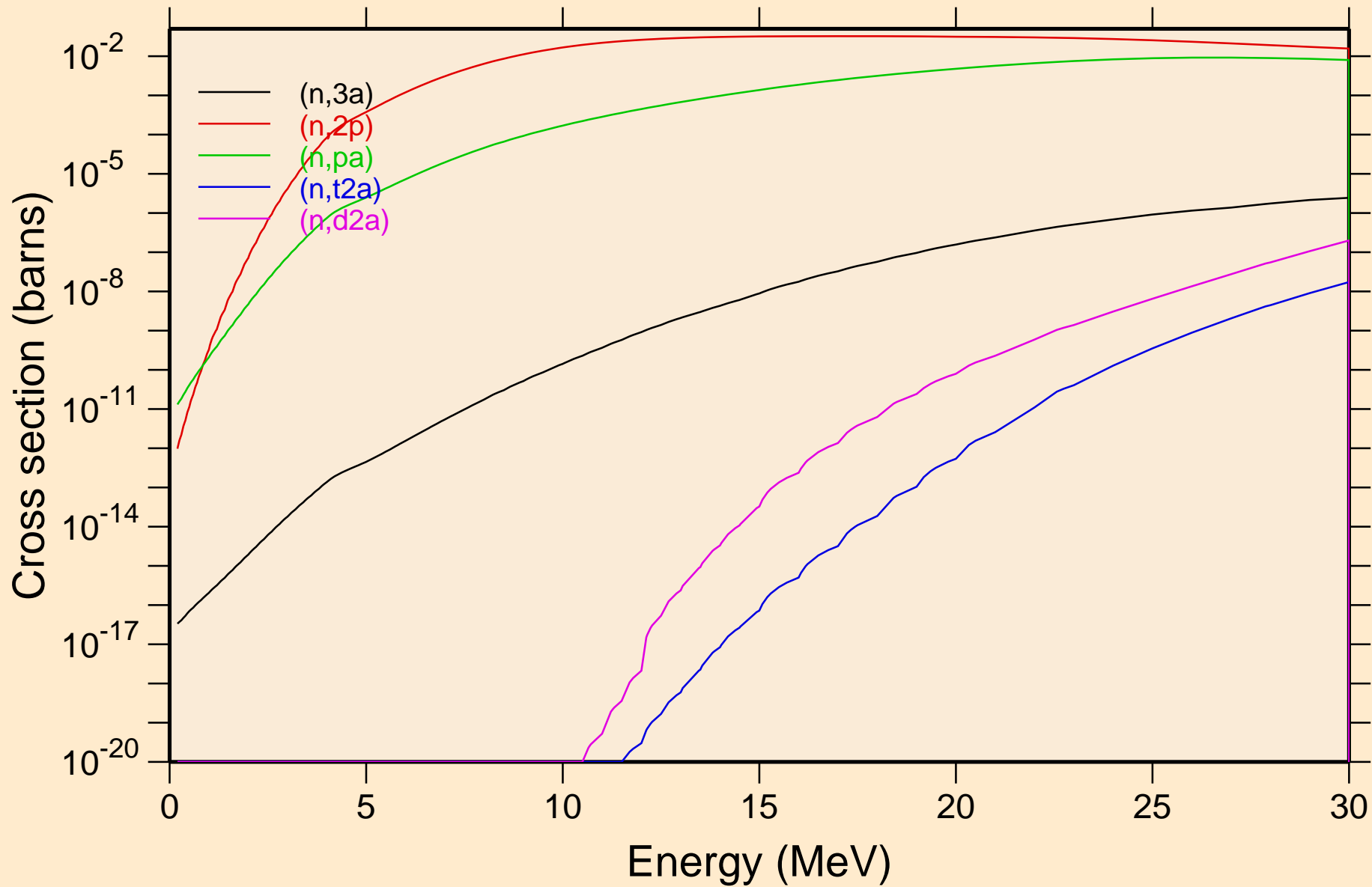
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



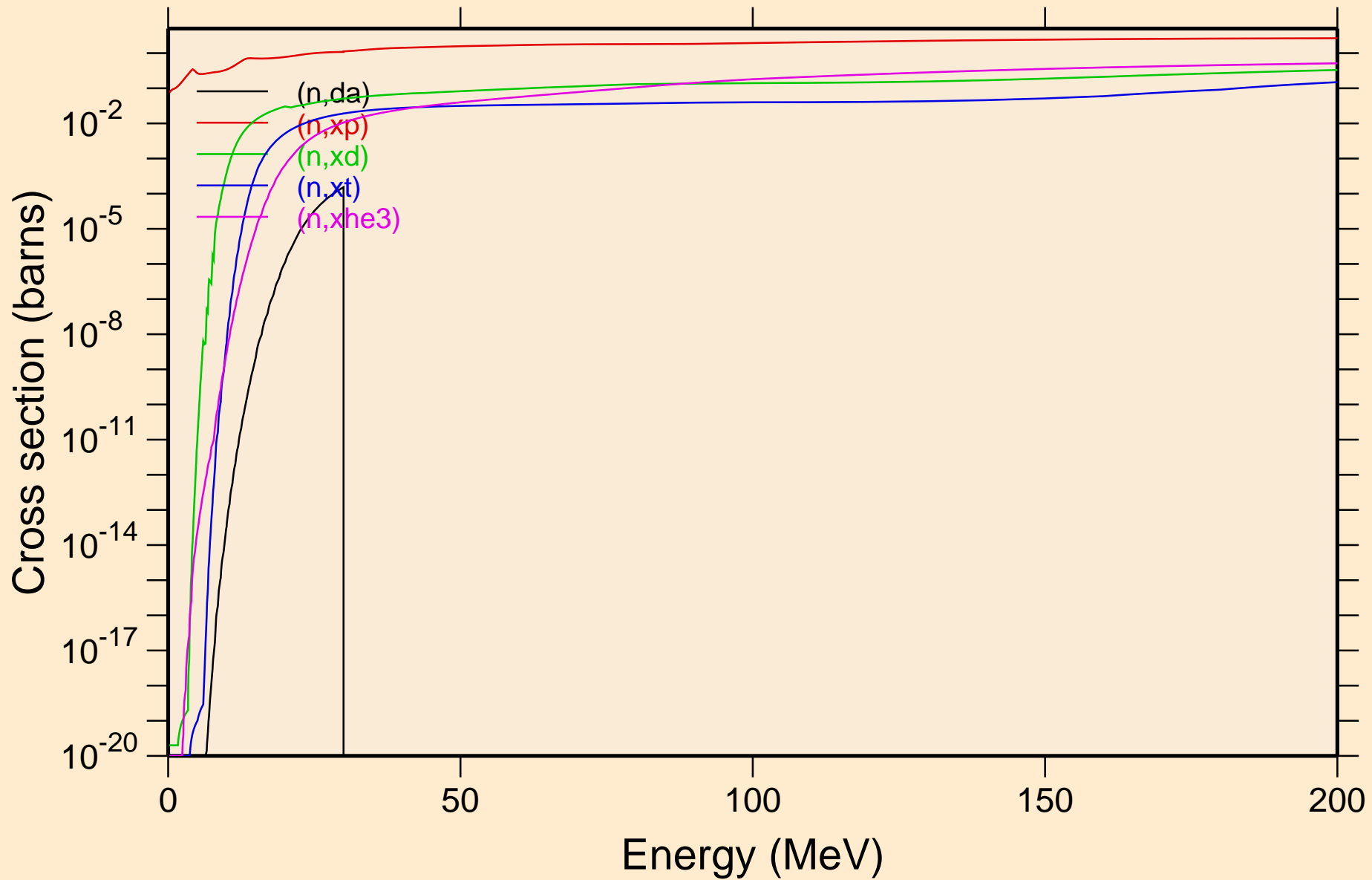
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



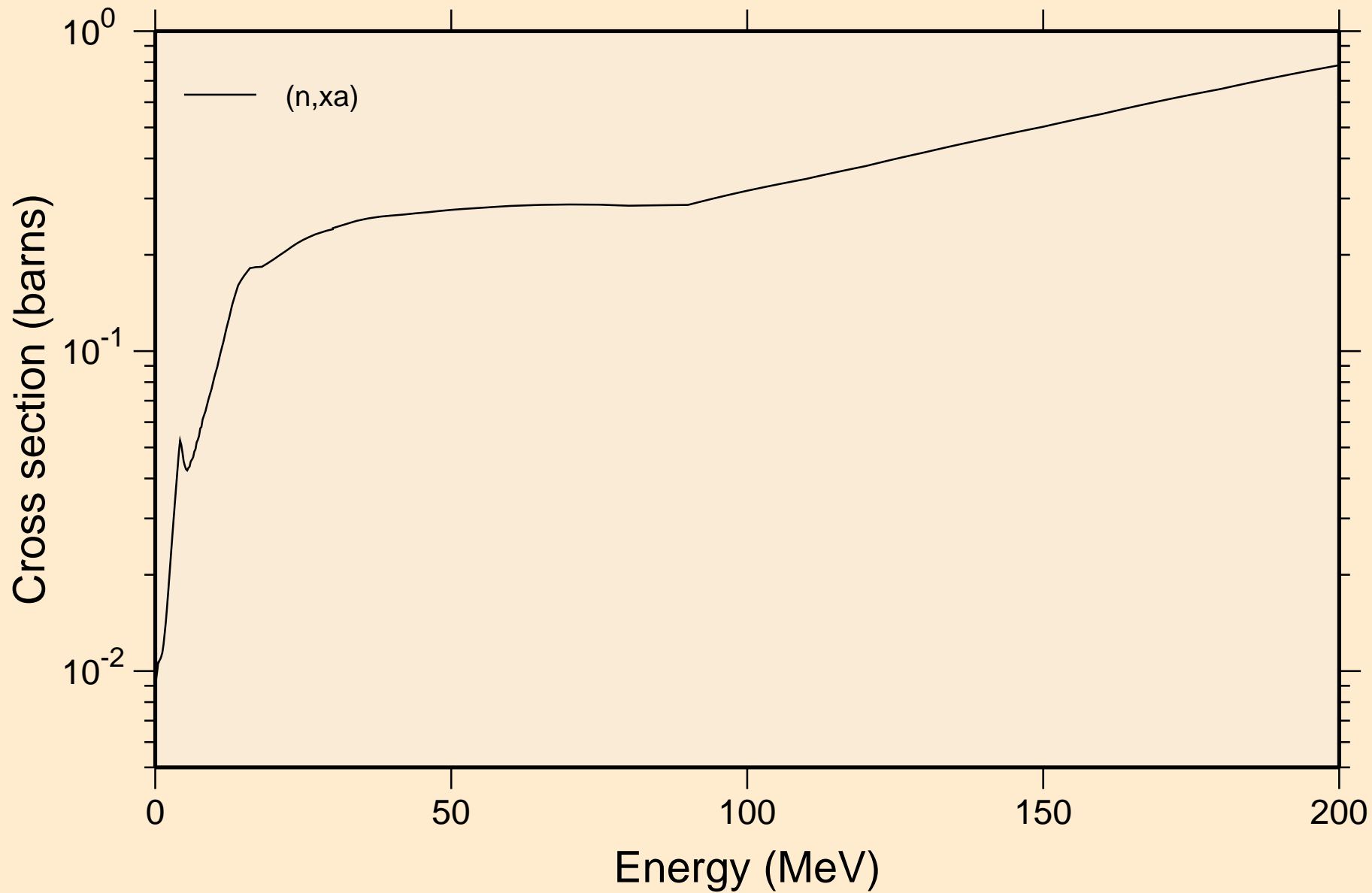
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



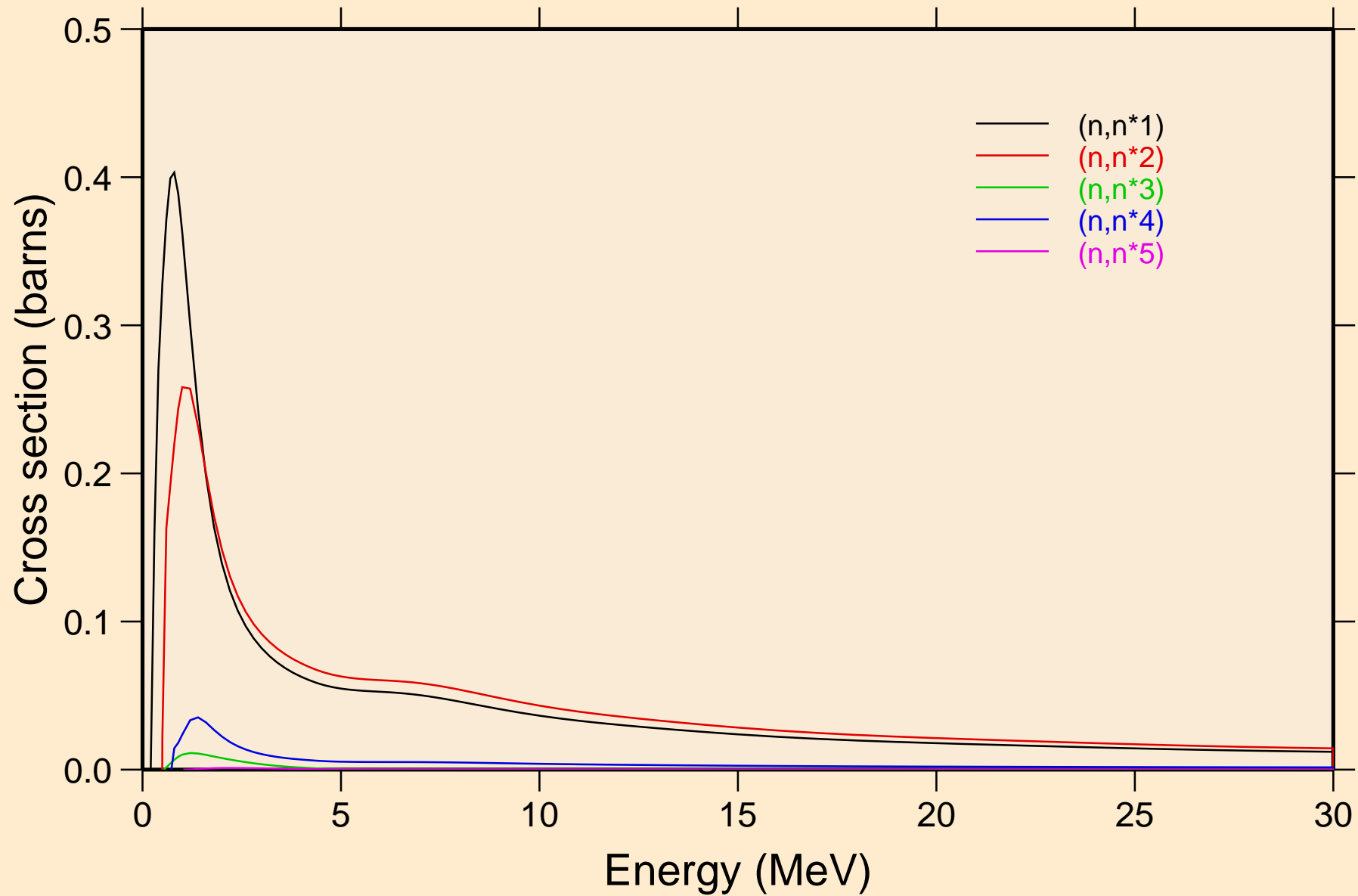
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Non-threshold reactions



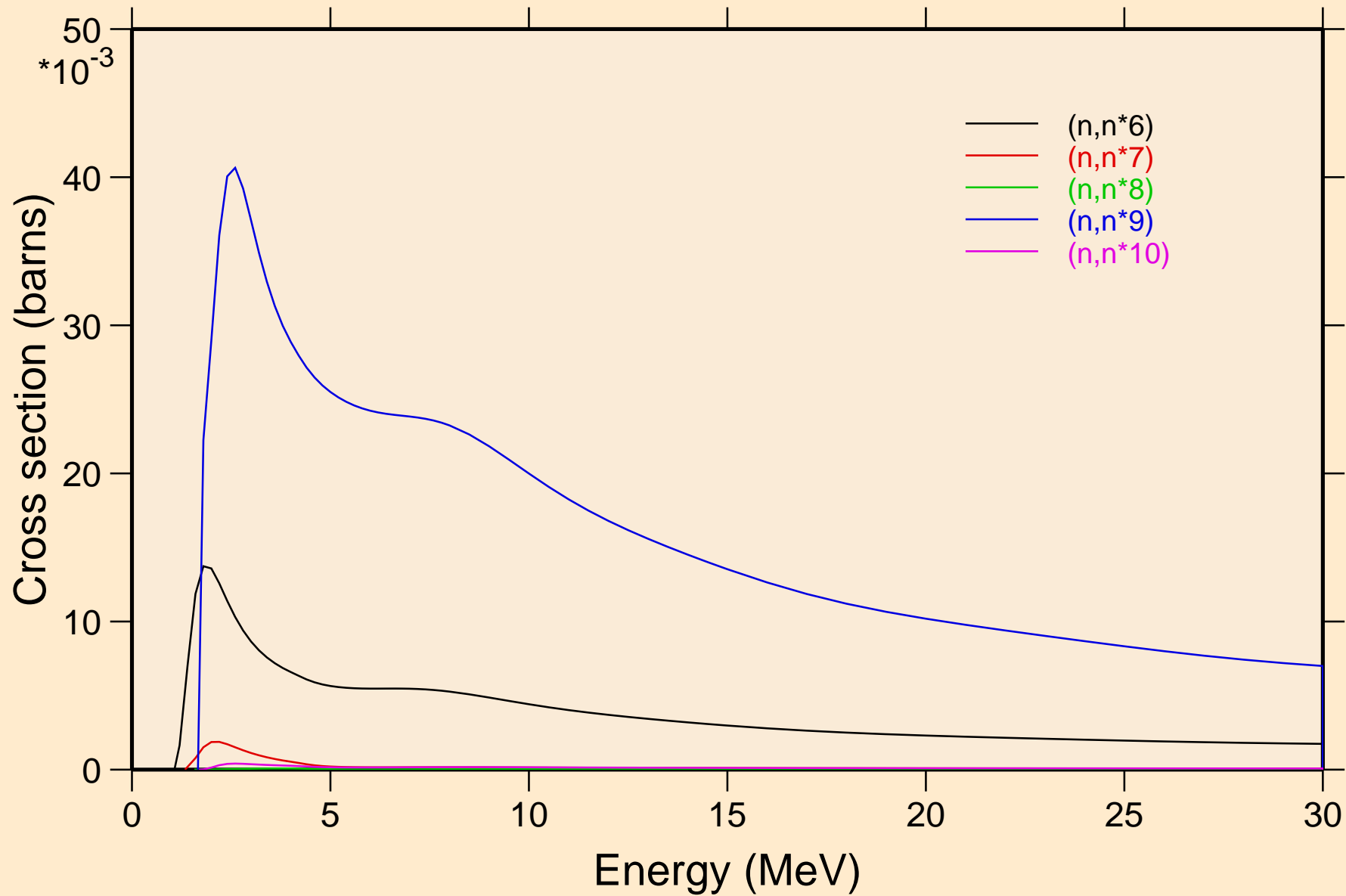
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

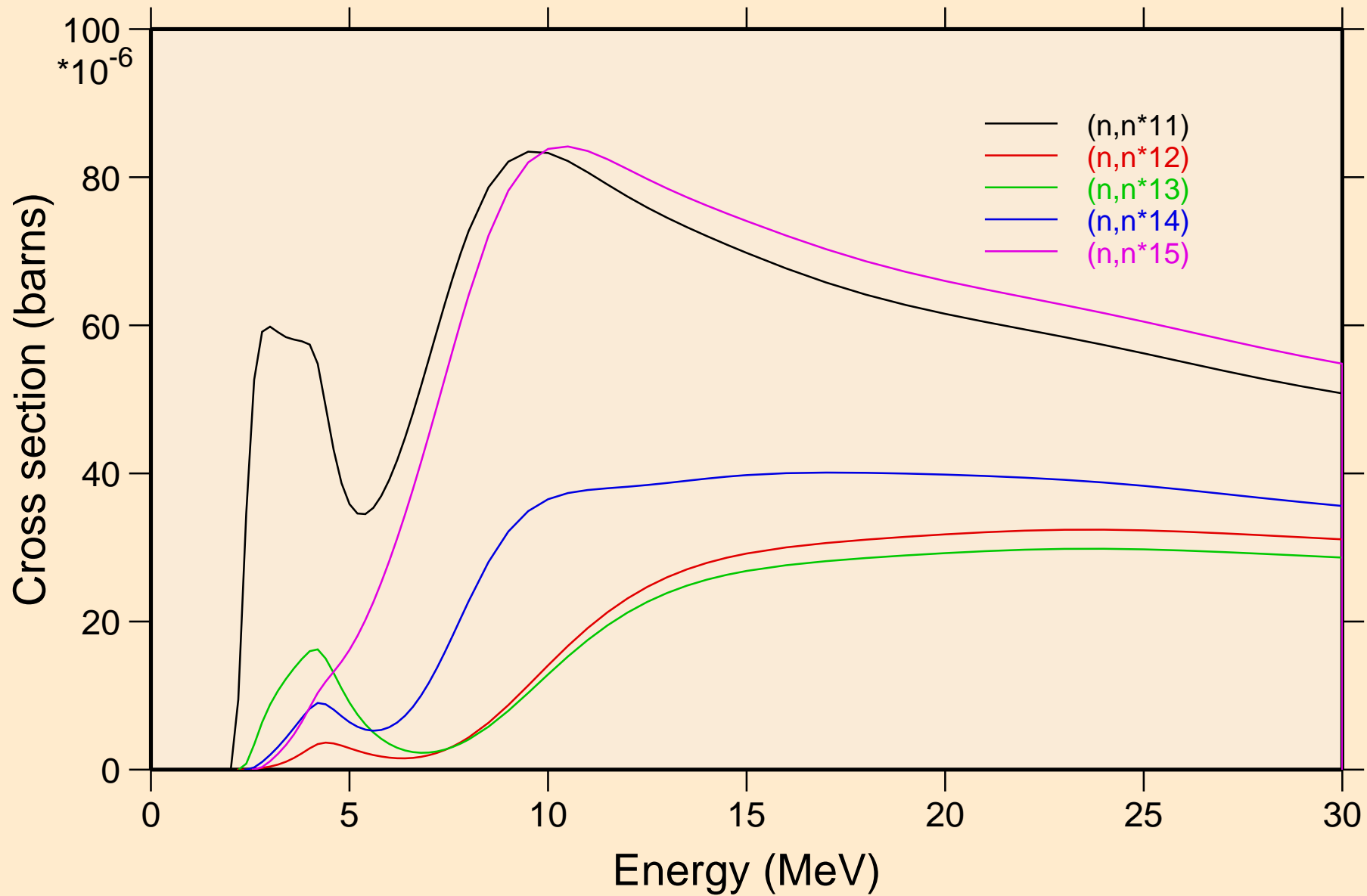


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

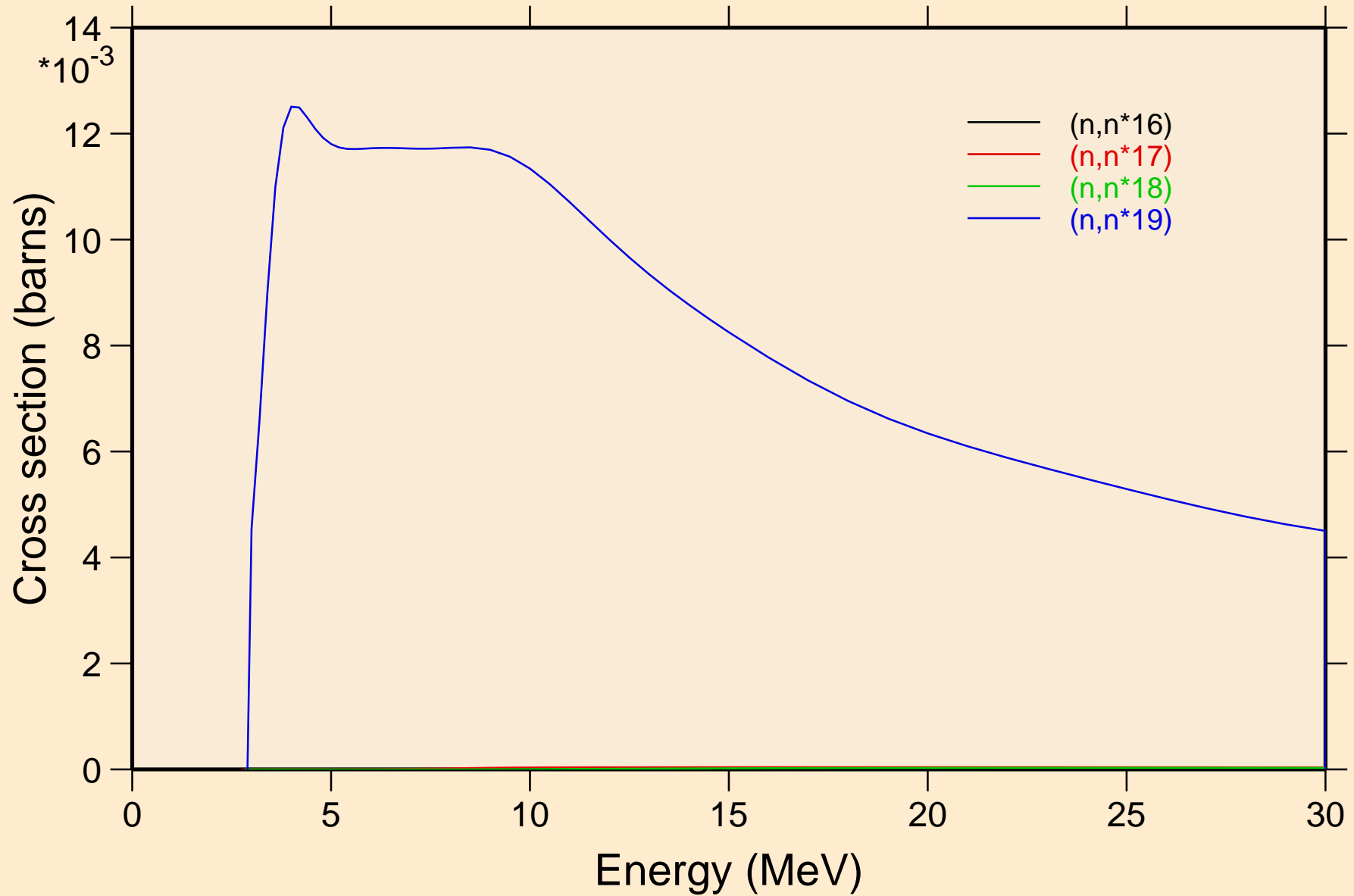




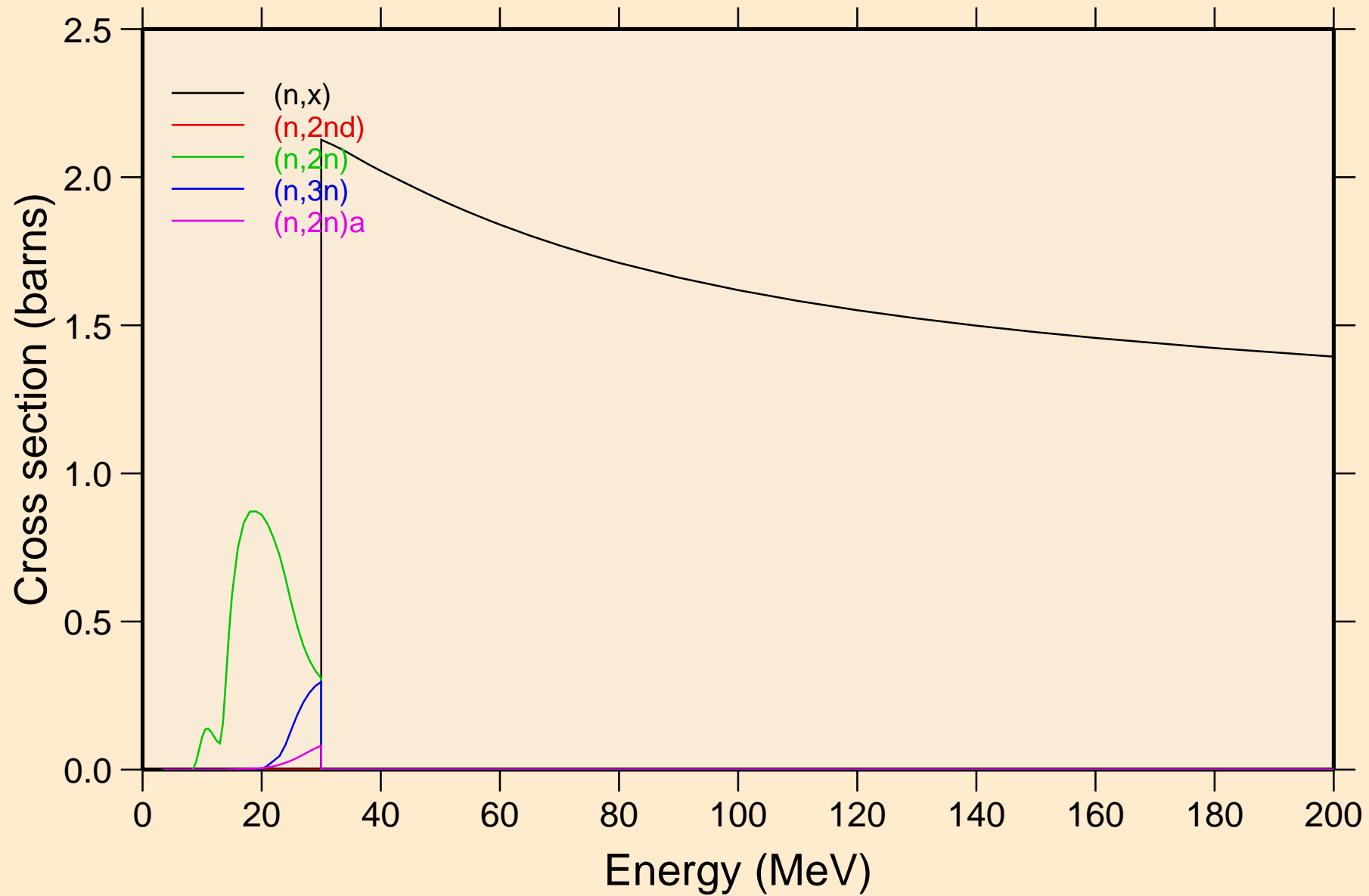
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



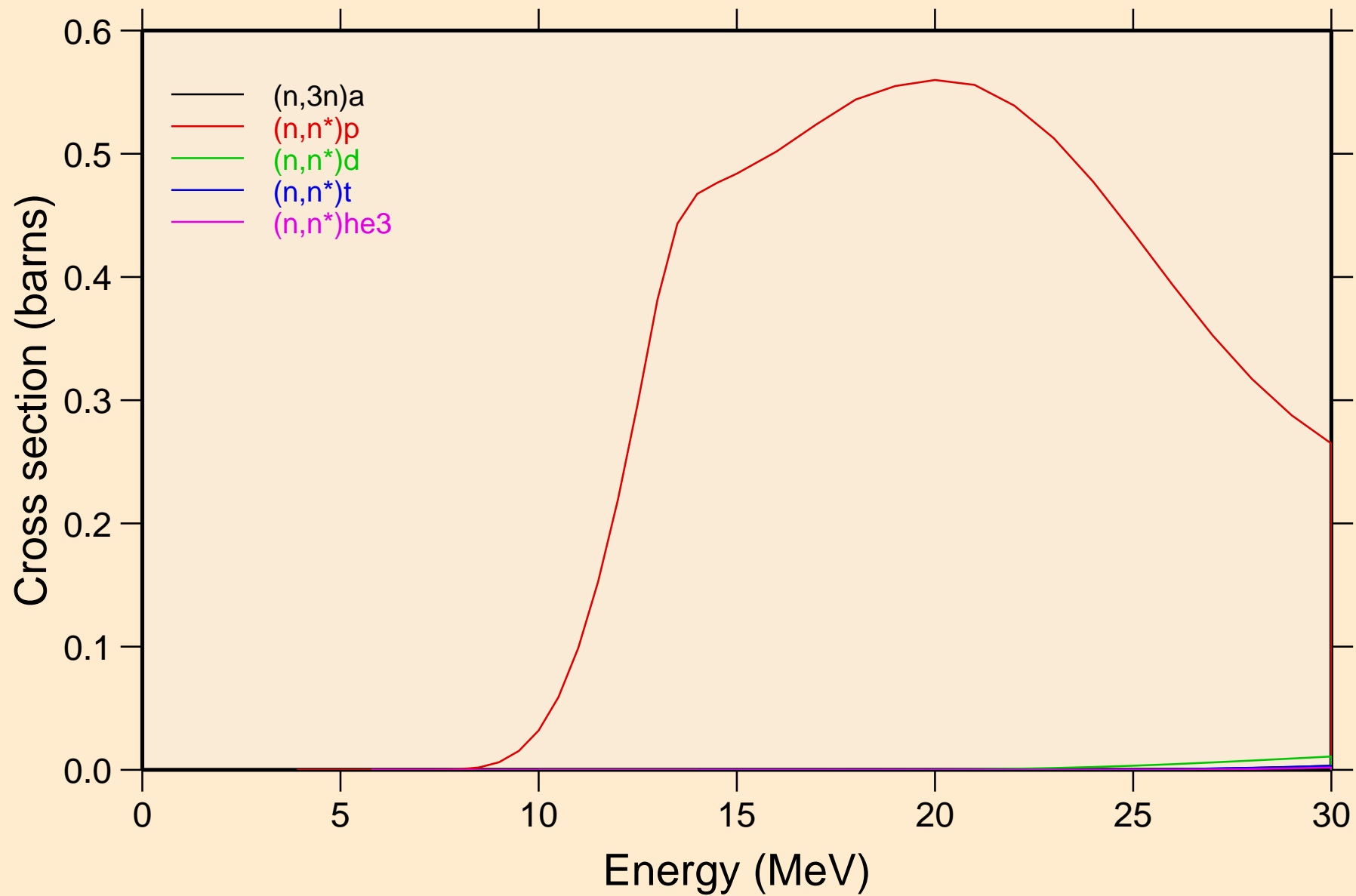
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



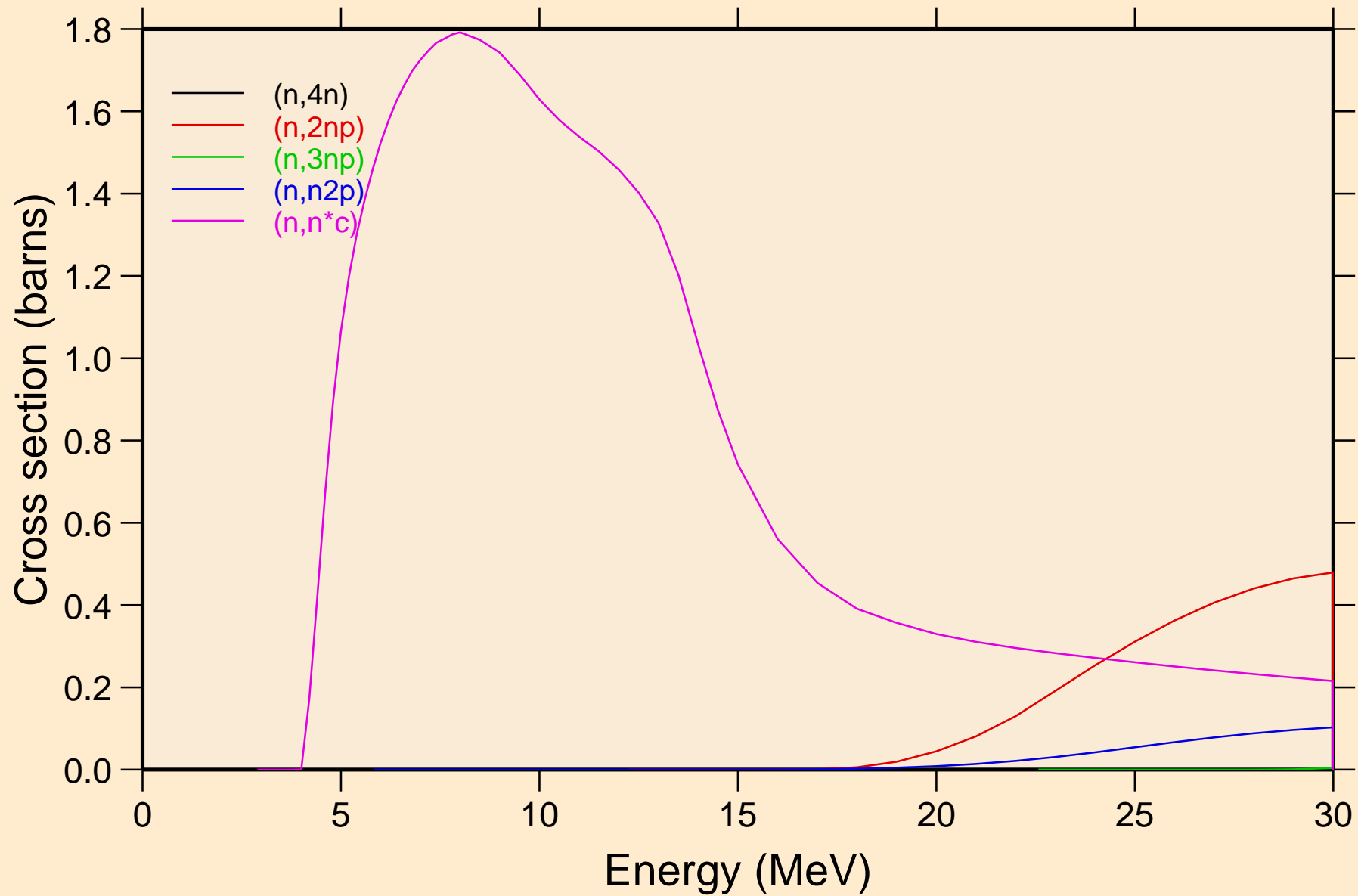
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

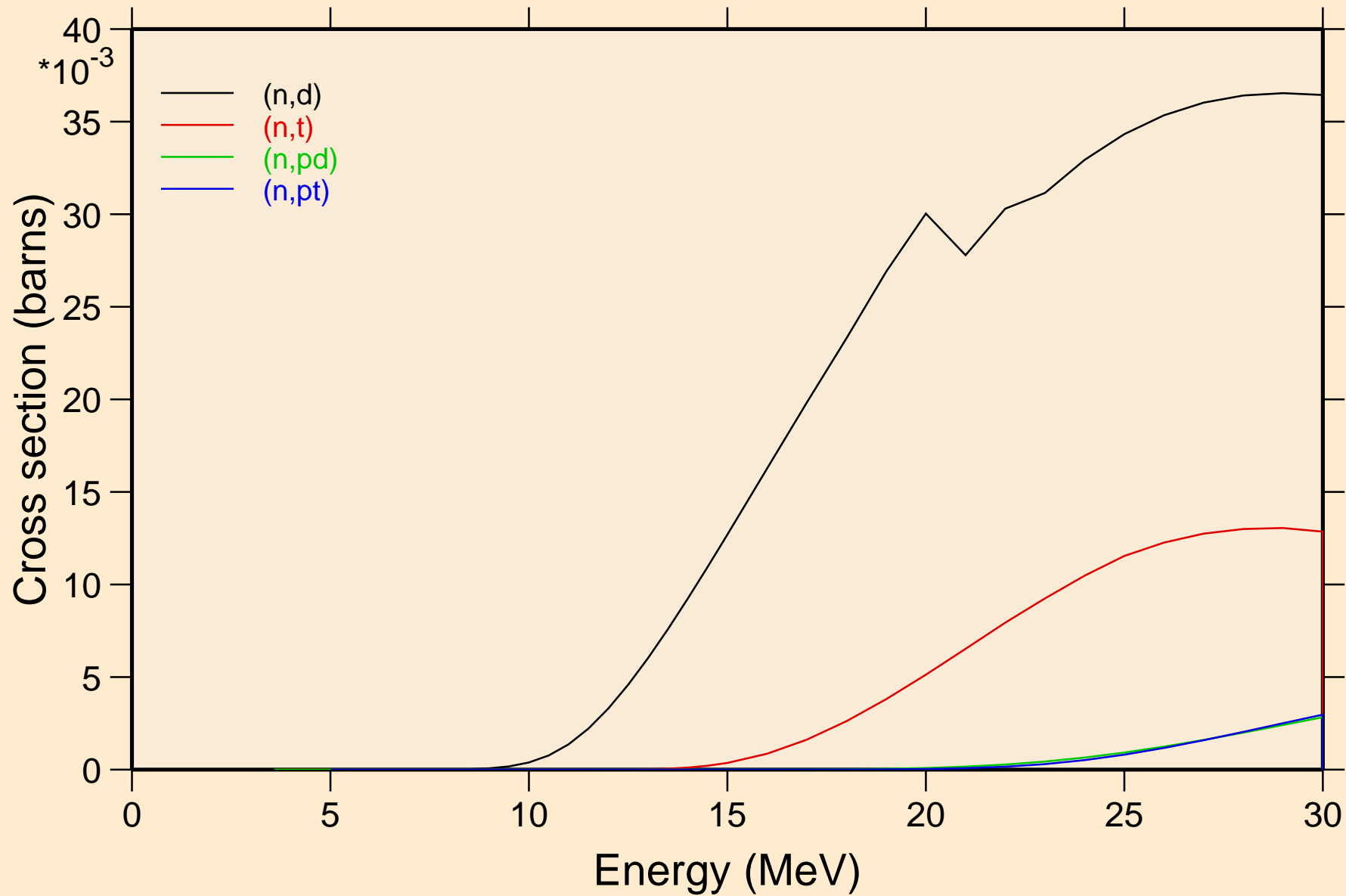


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

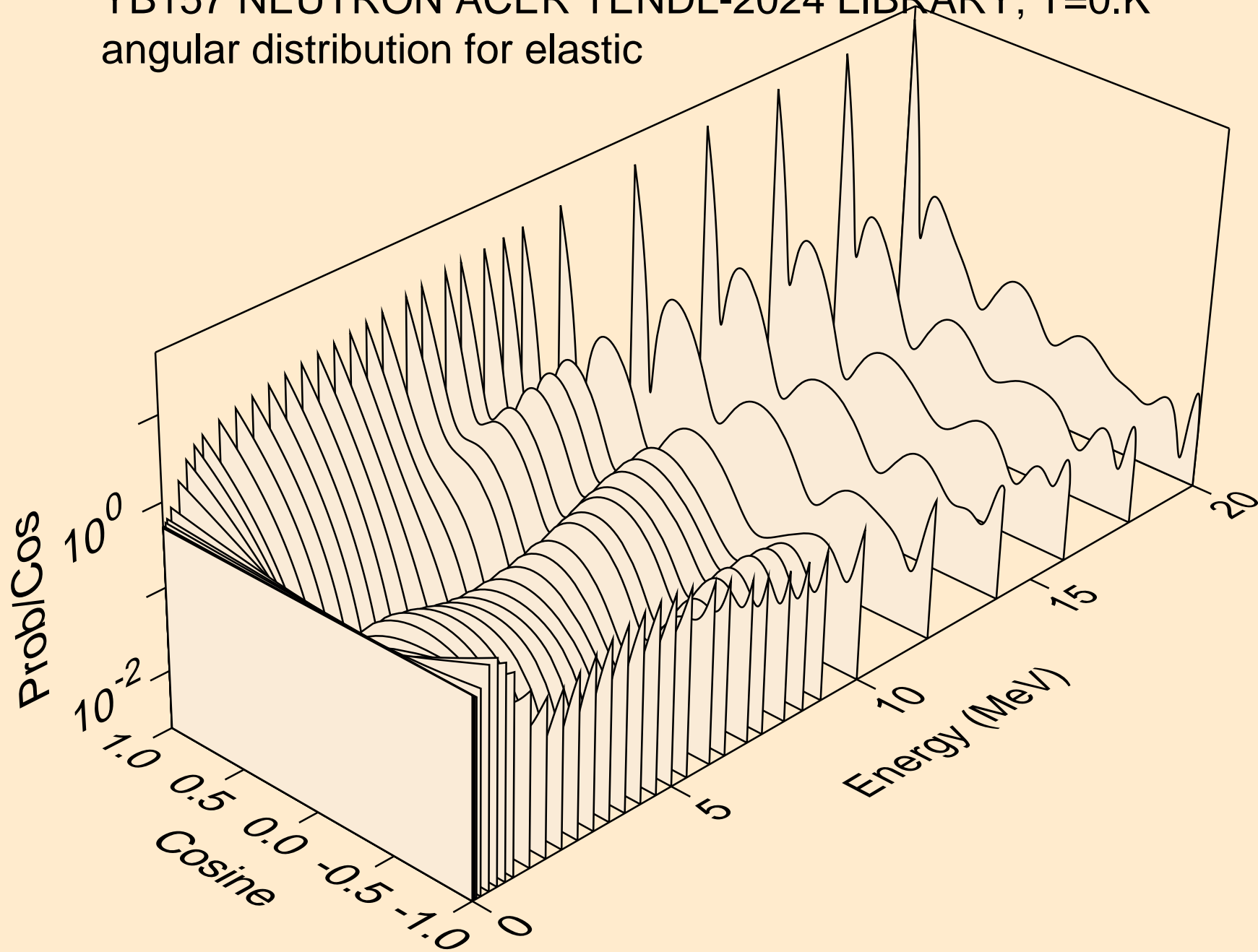


# YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

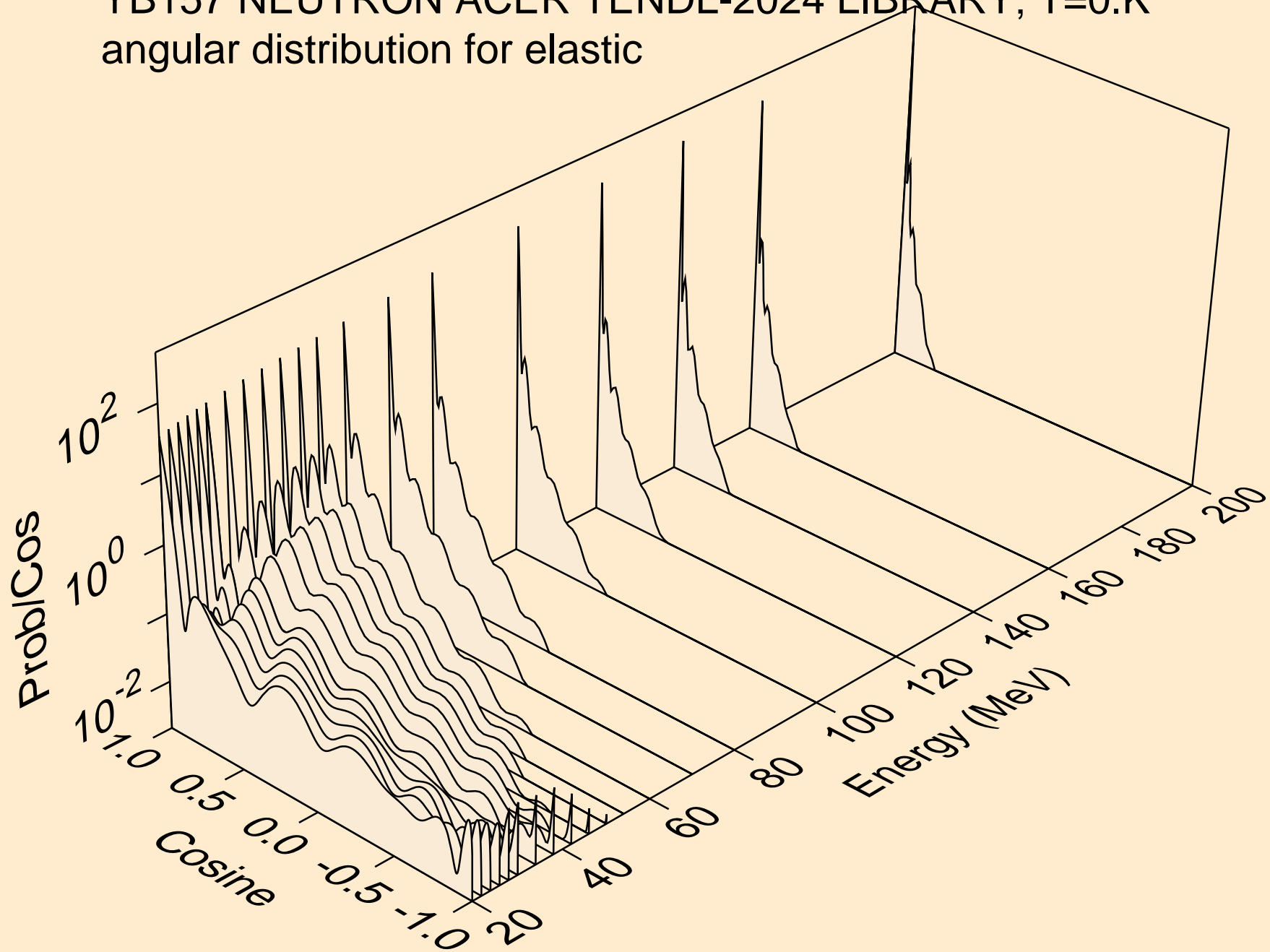
## Threshold reactions



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

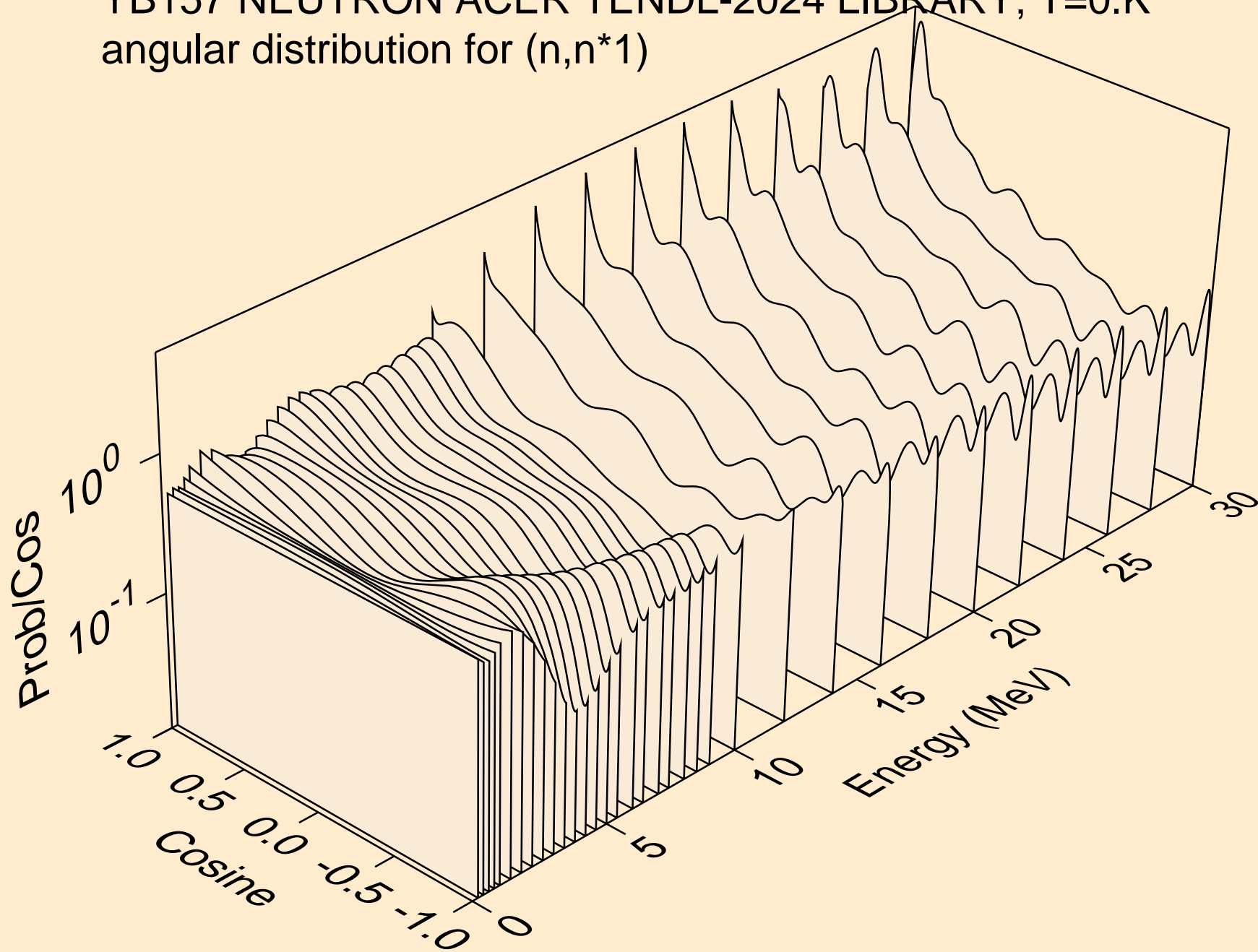


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

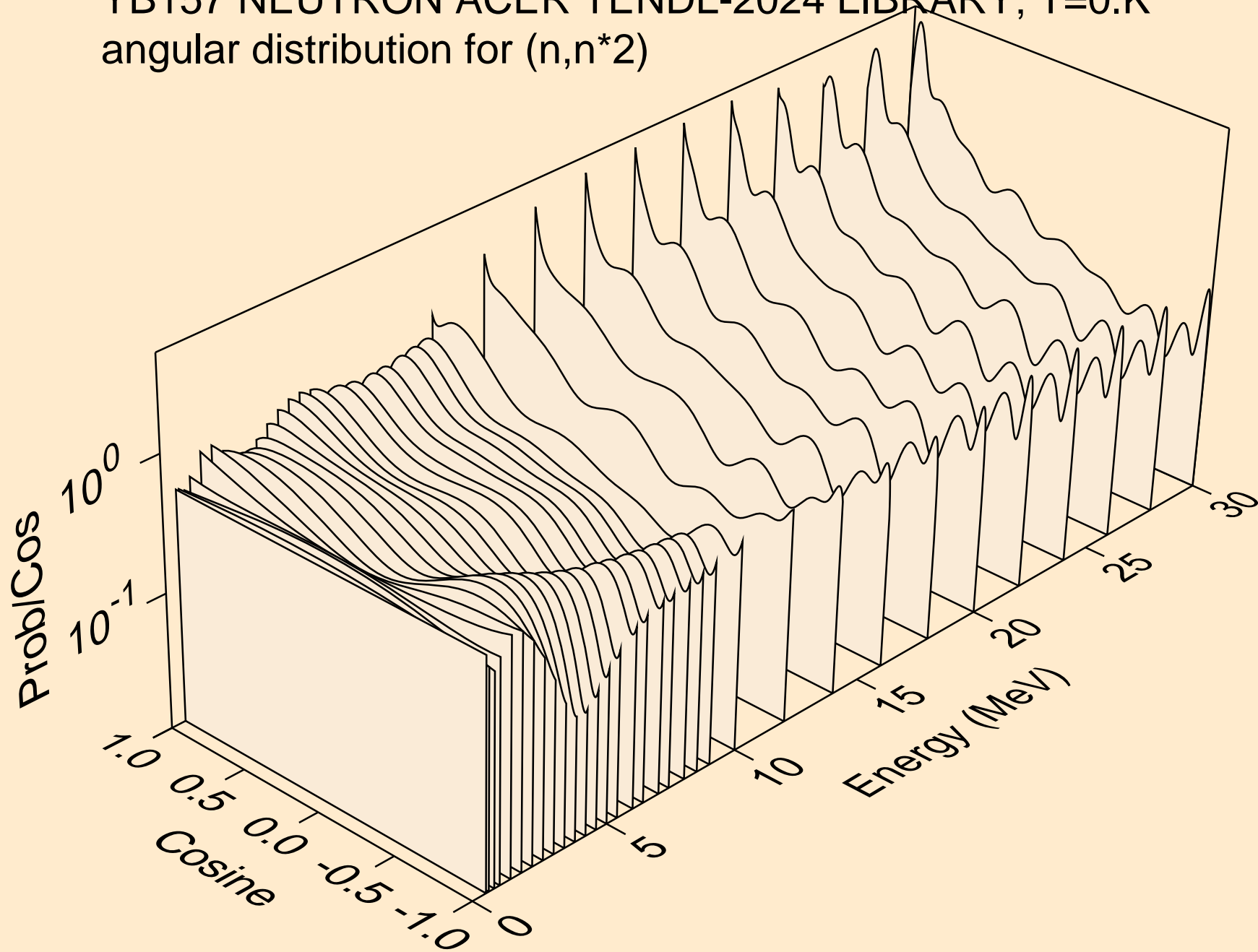




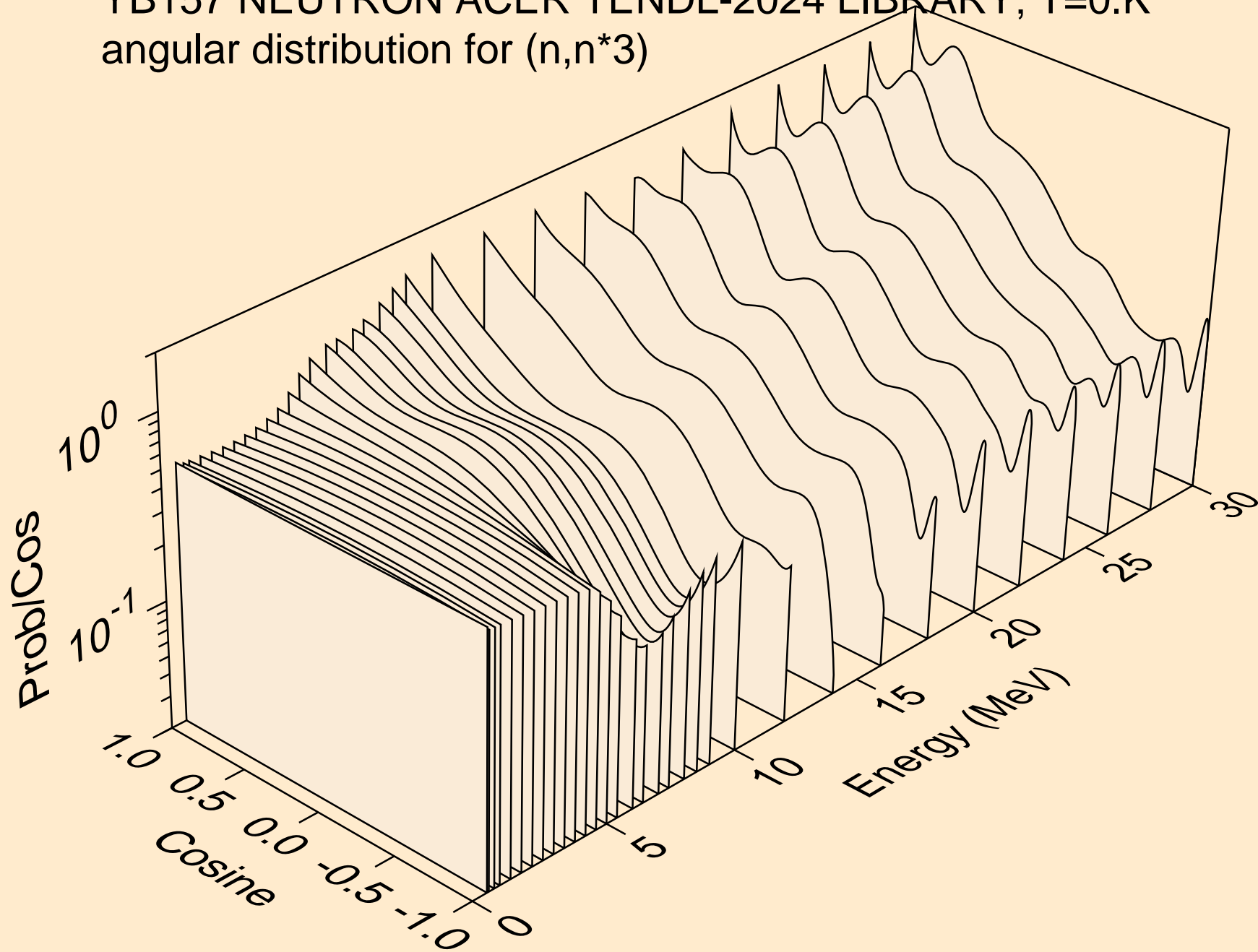
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



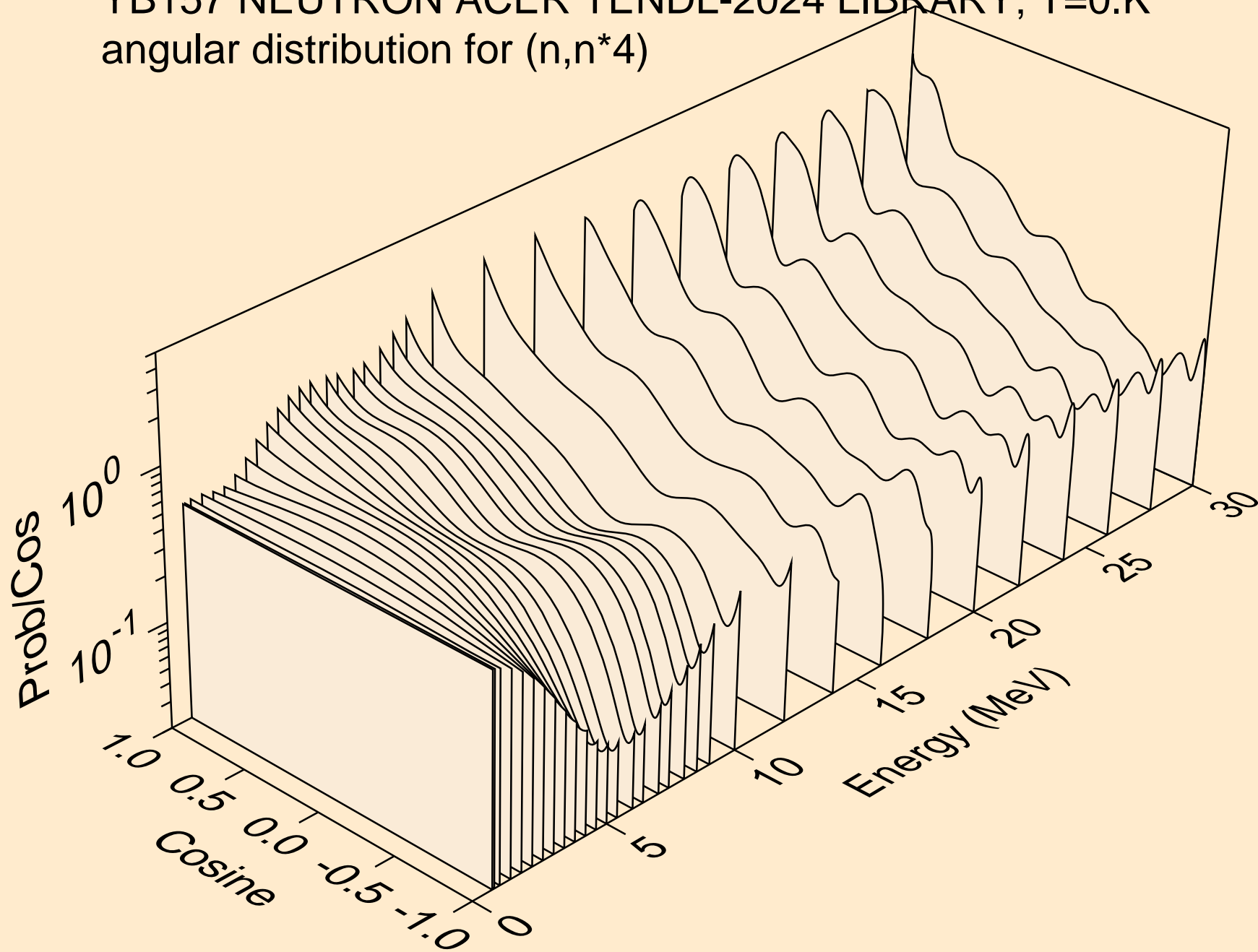
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



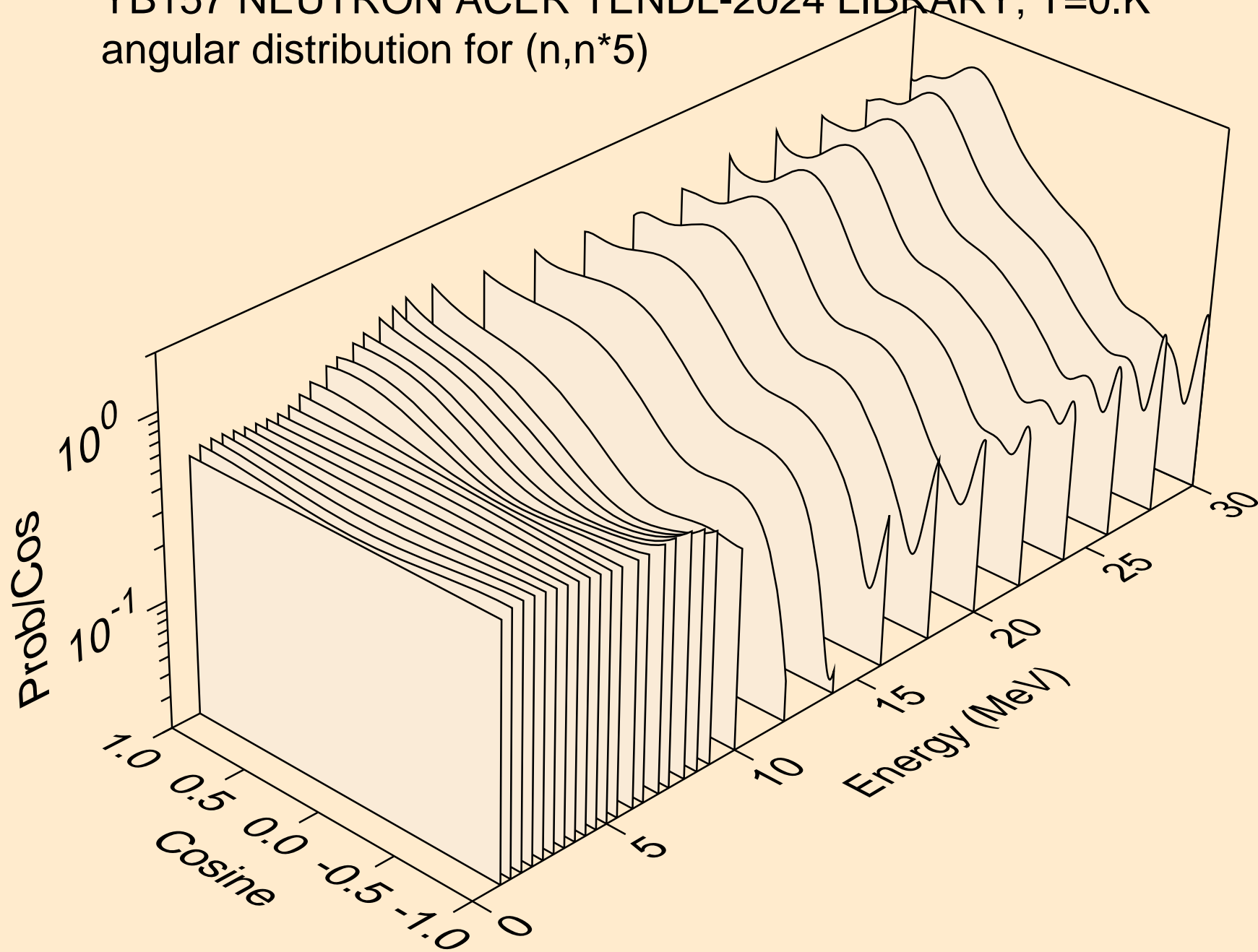
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angular distribution for (n,n\*3)



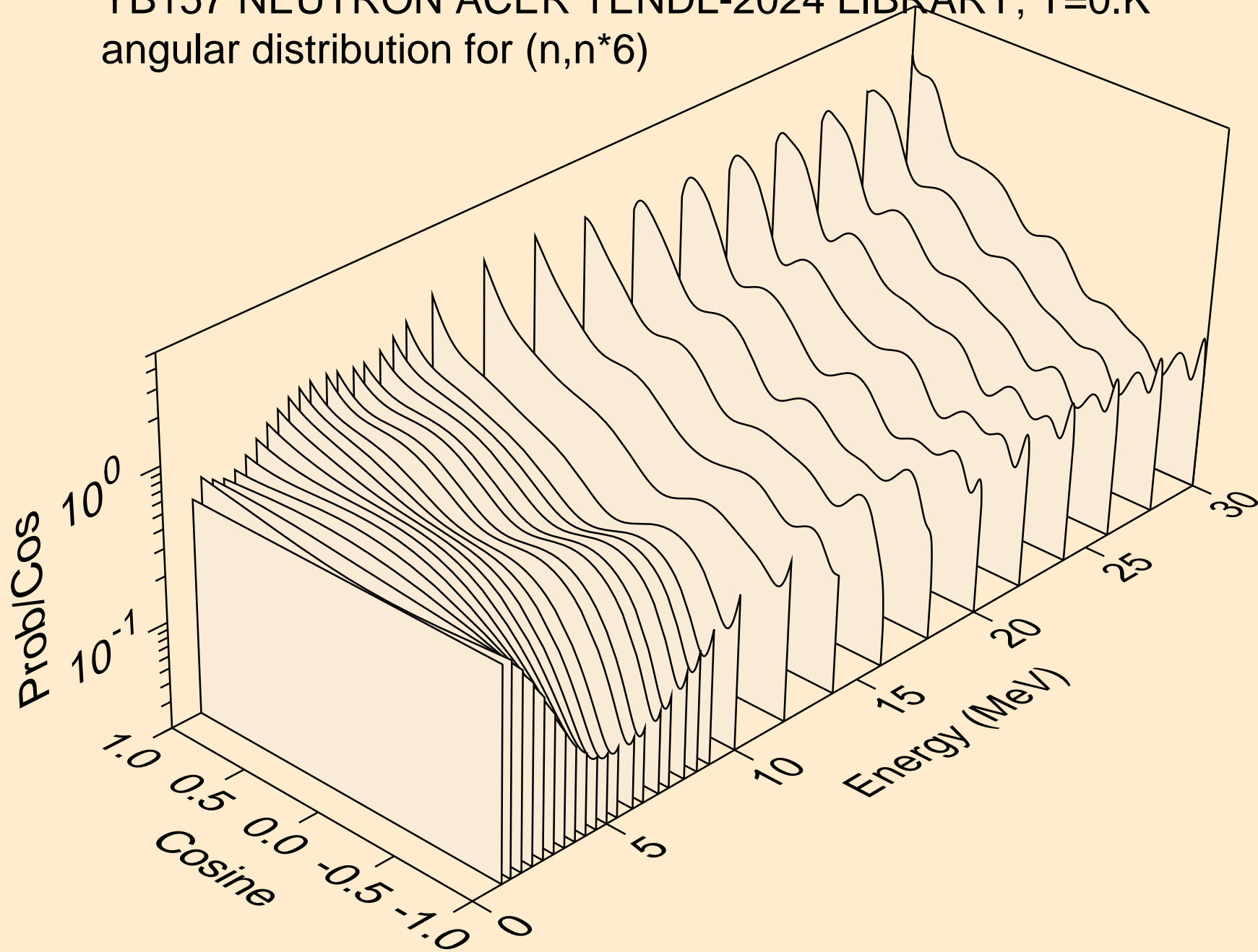
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



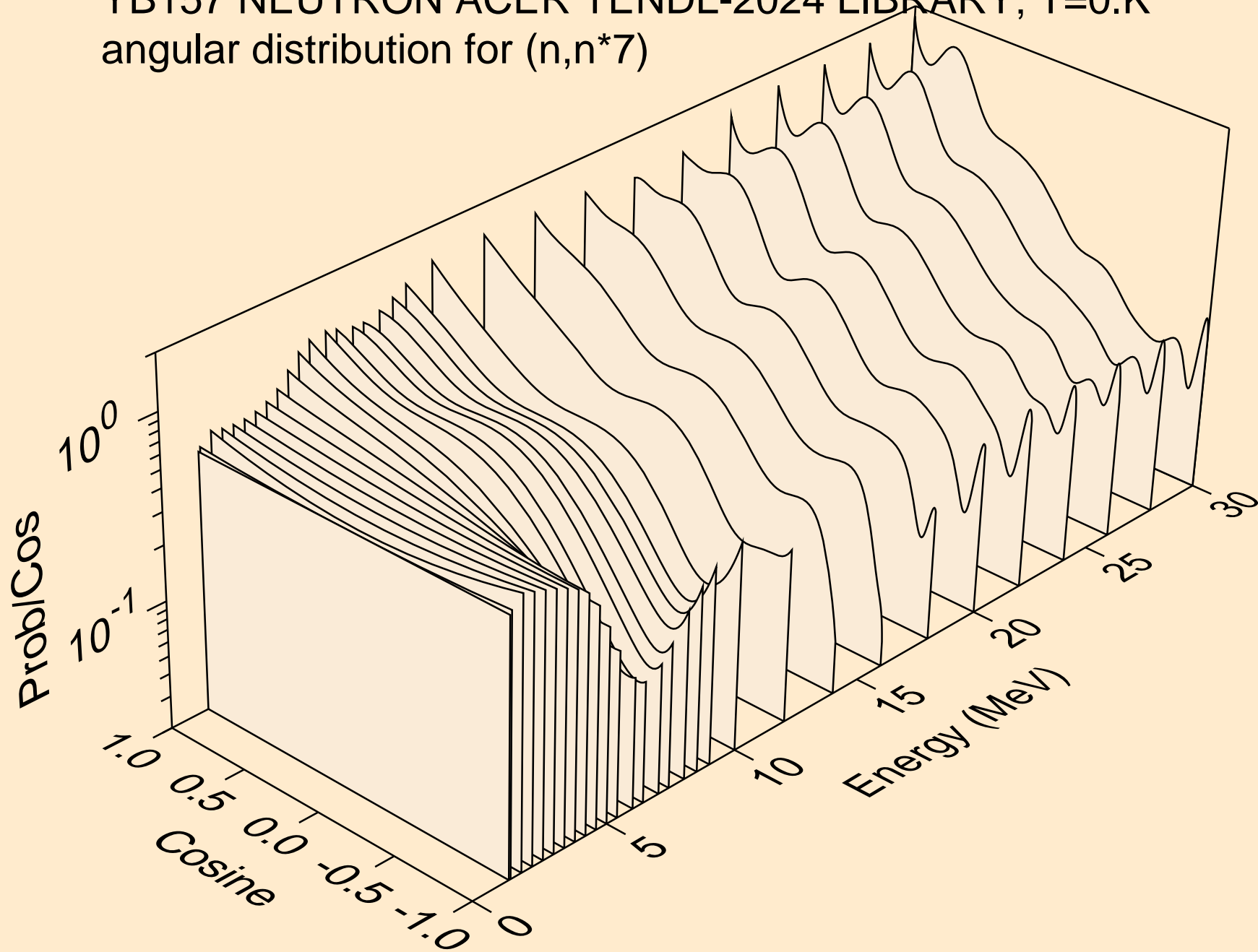
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



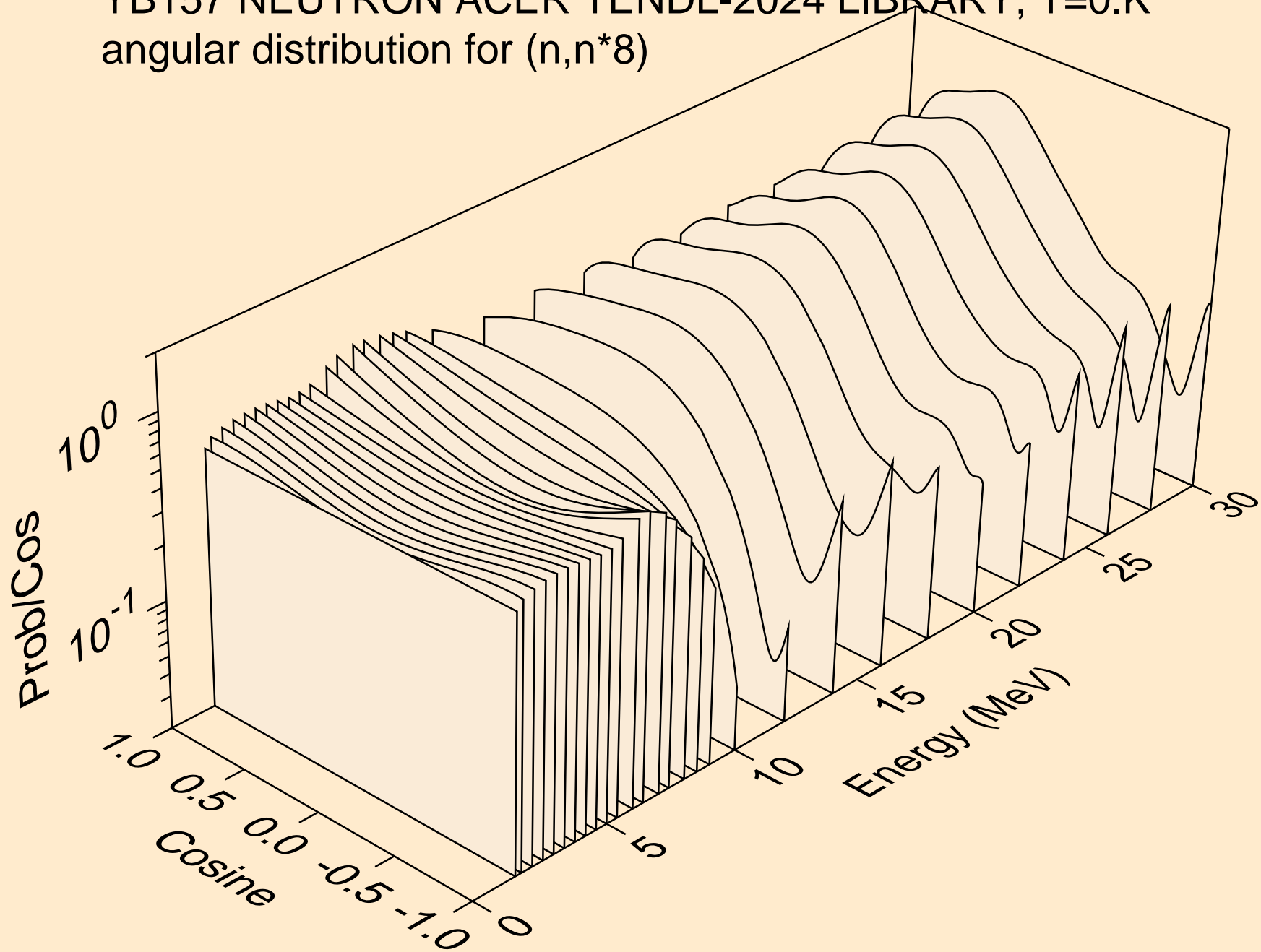
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

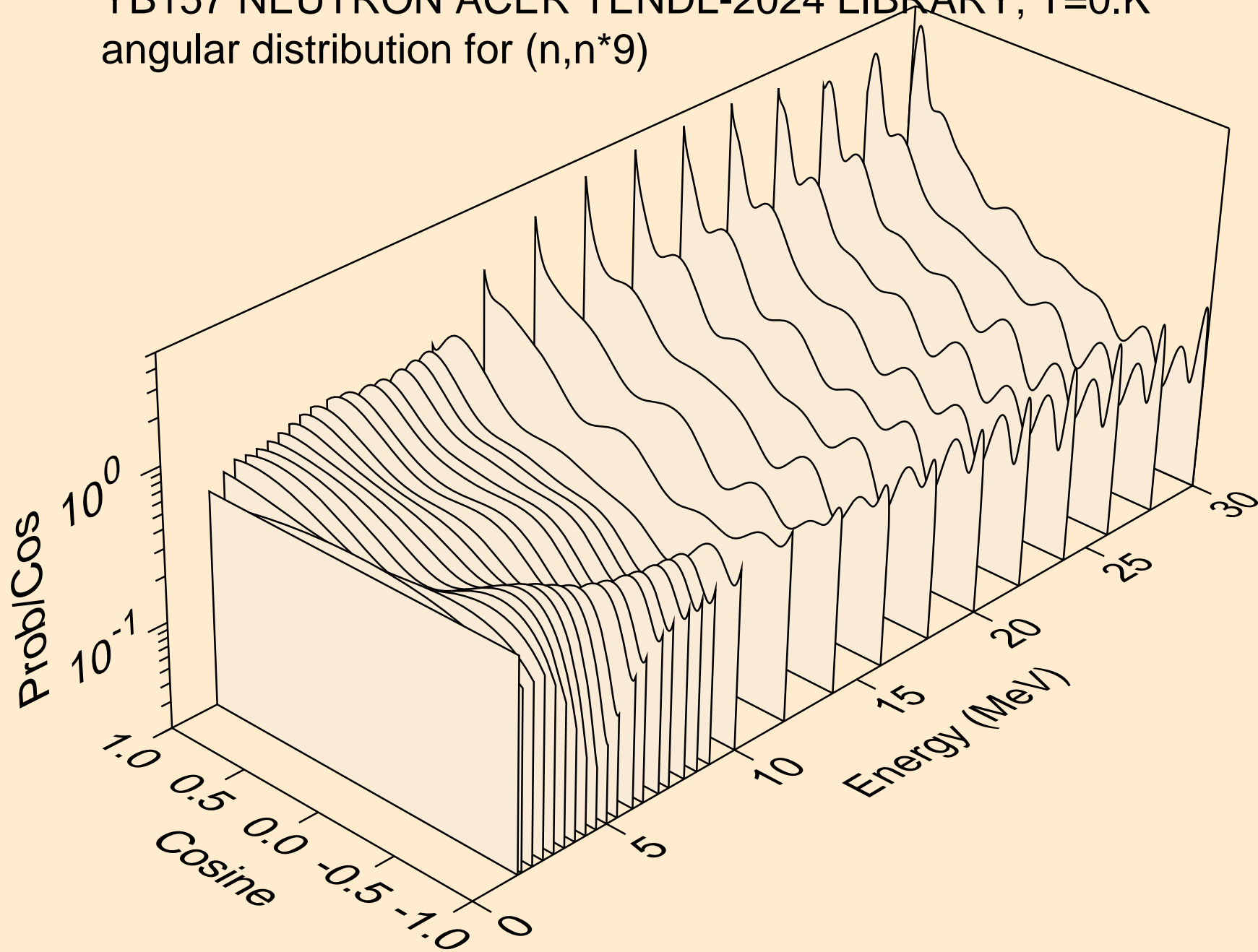


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

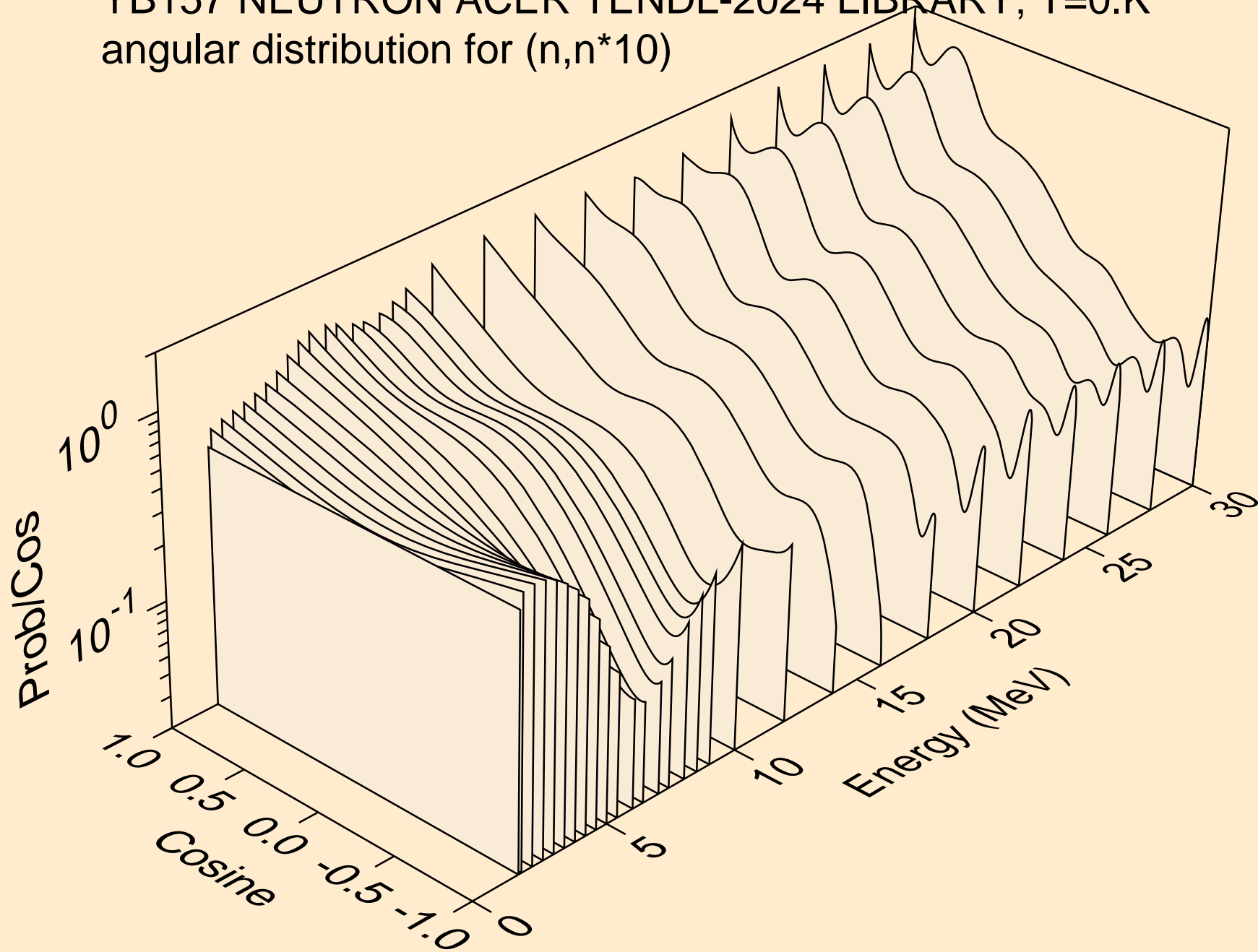




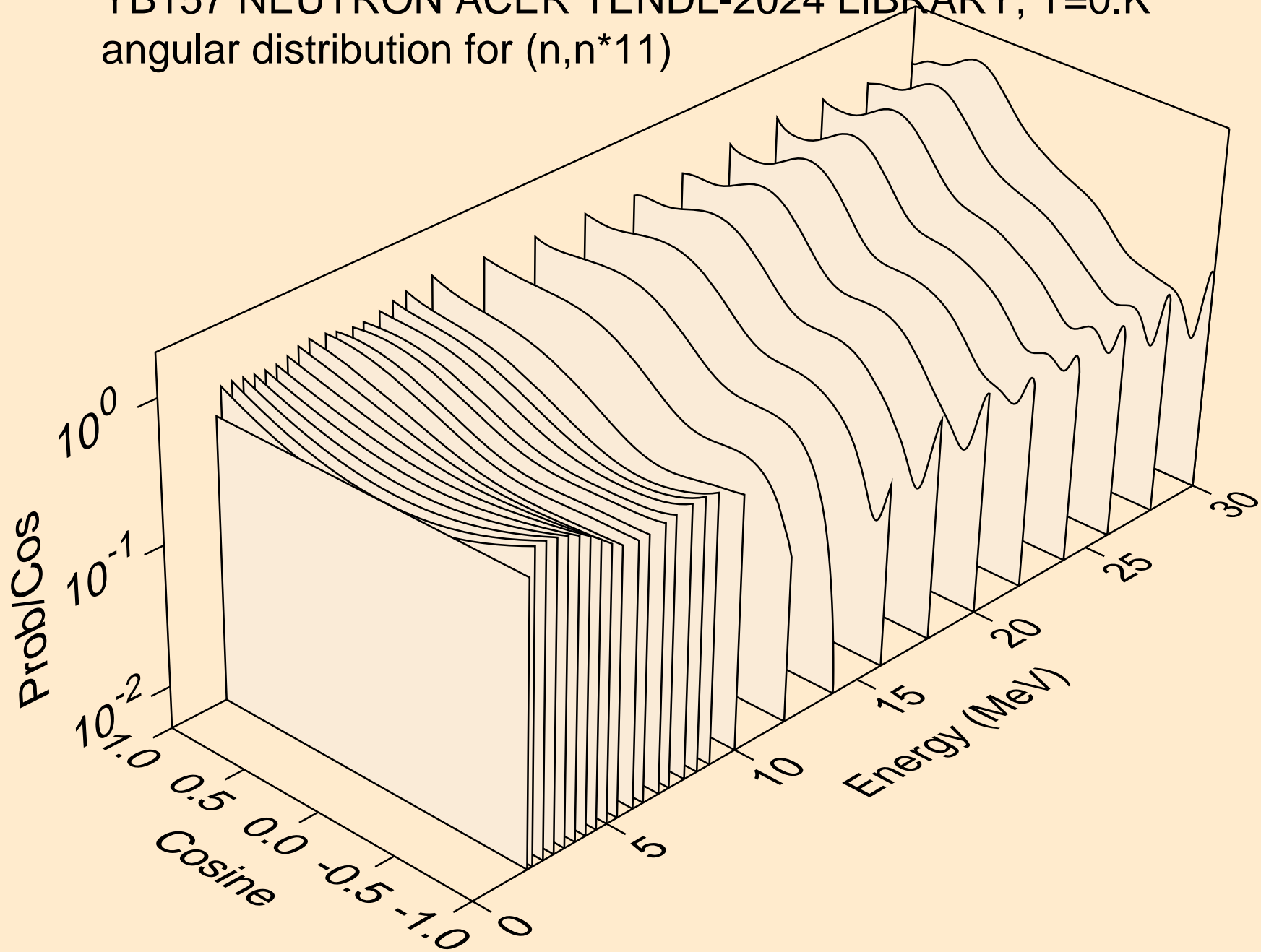
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angular distribution for (n,n\*9)



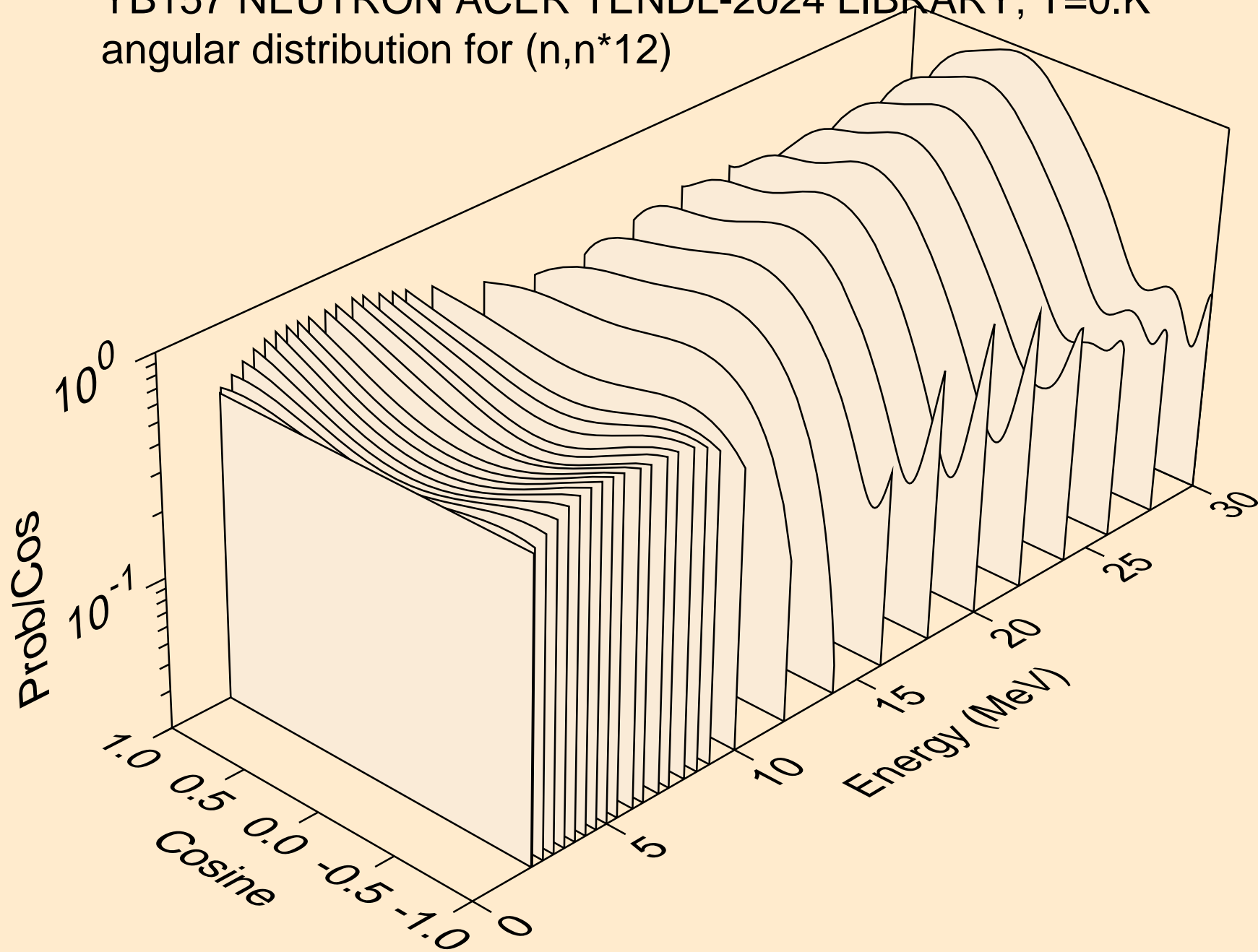
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angular distribution for (n,n\*10)



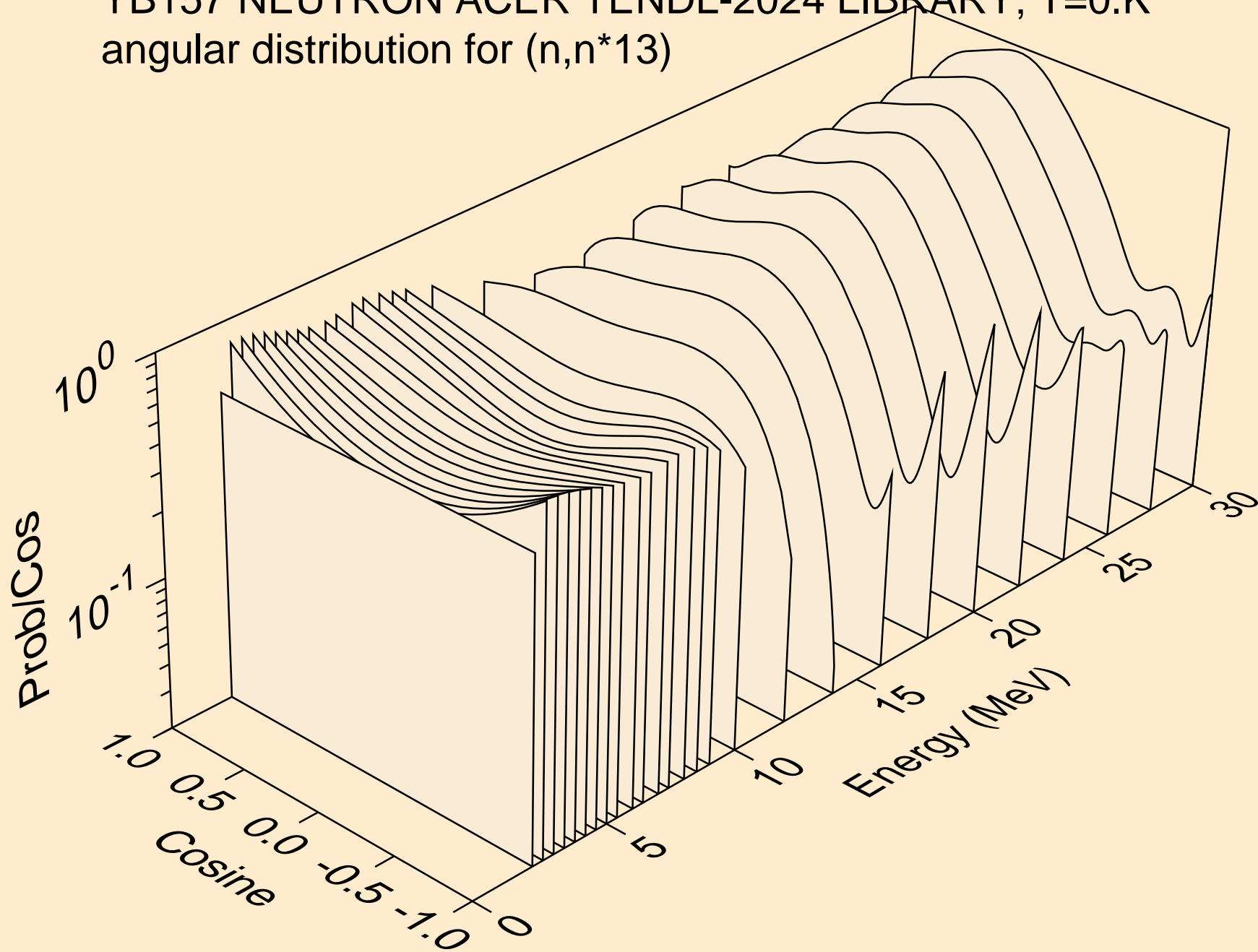
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



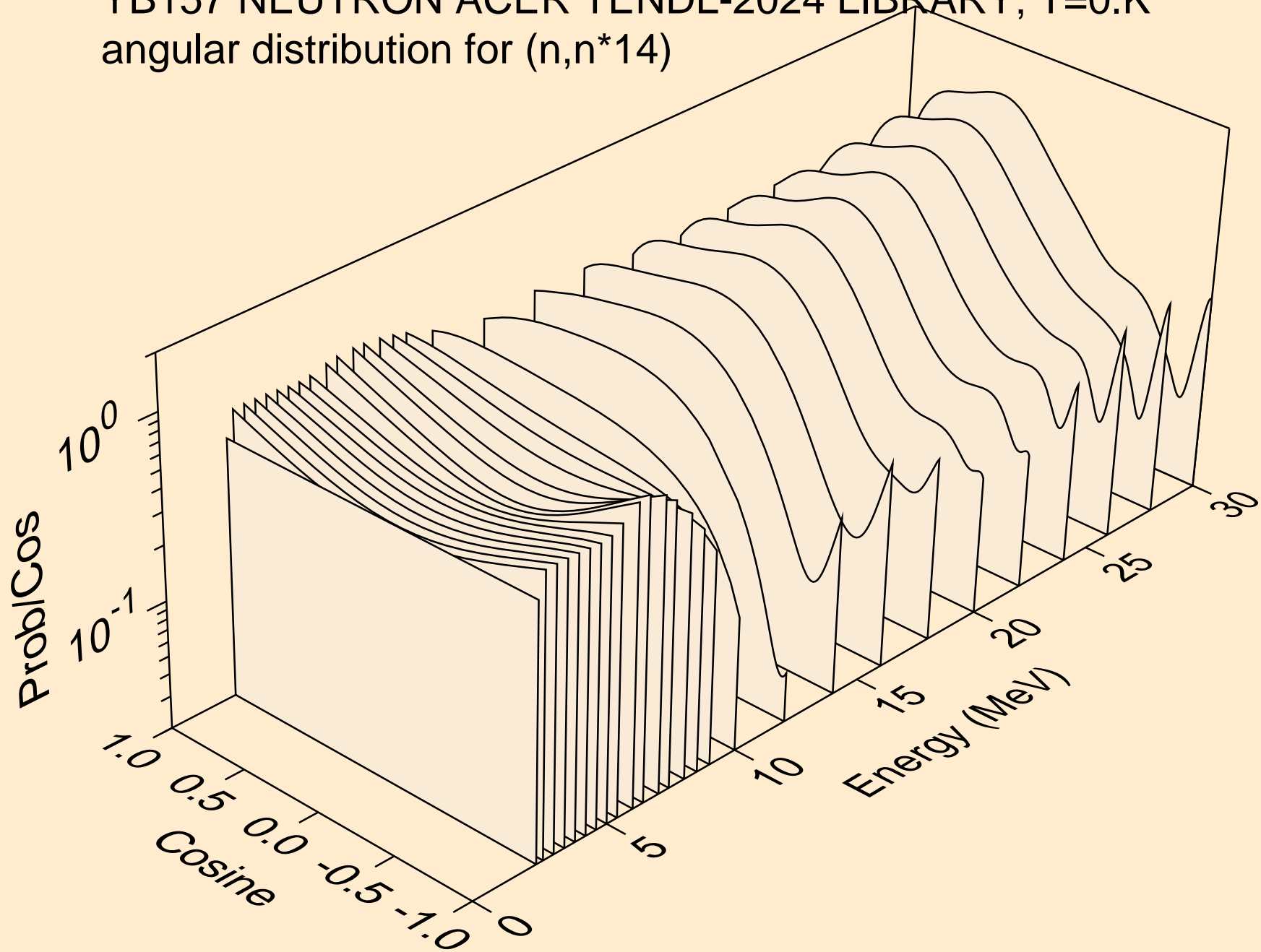
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angular distribution for (n,n\*12)



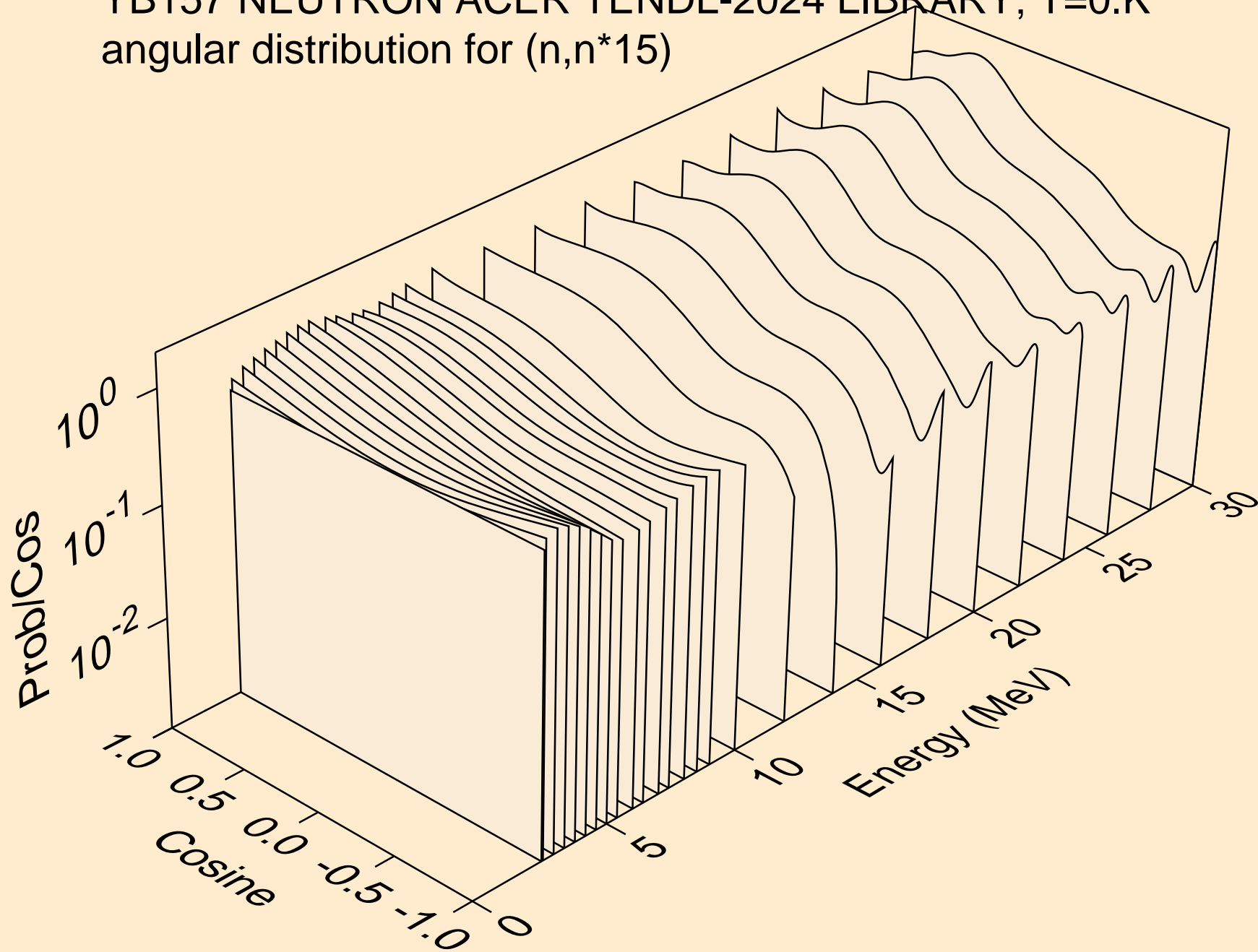
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angular distribution for (n,n\*13)



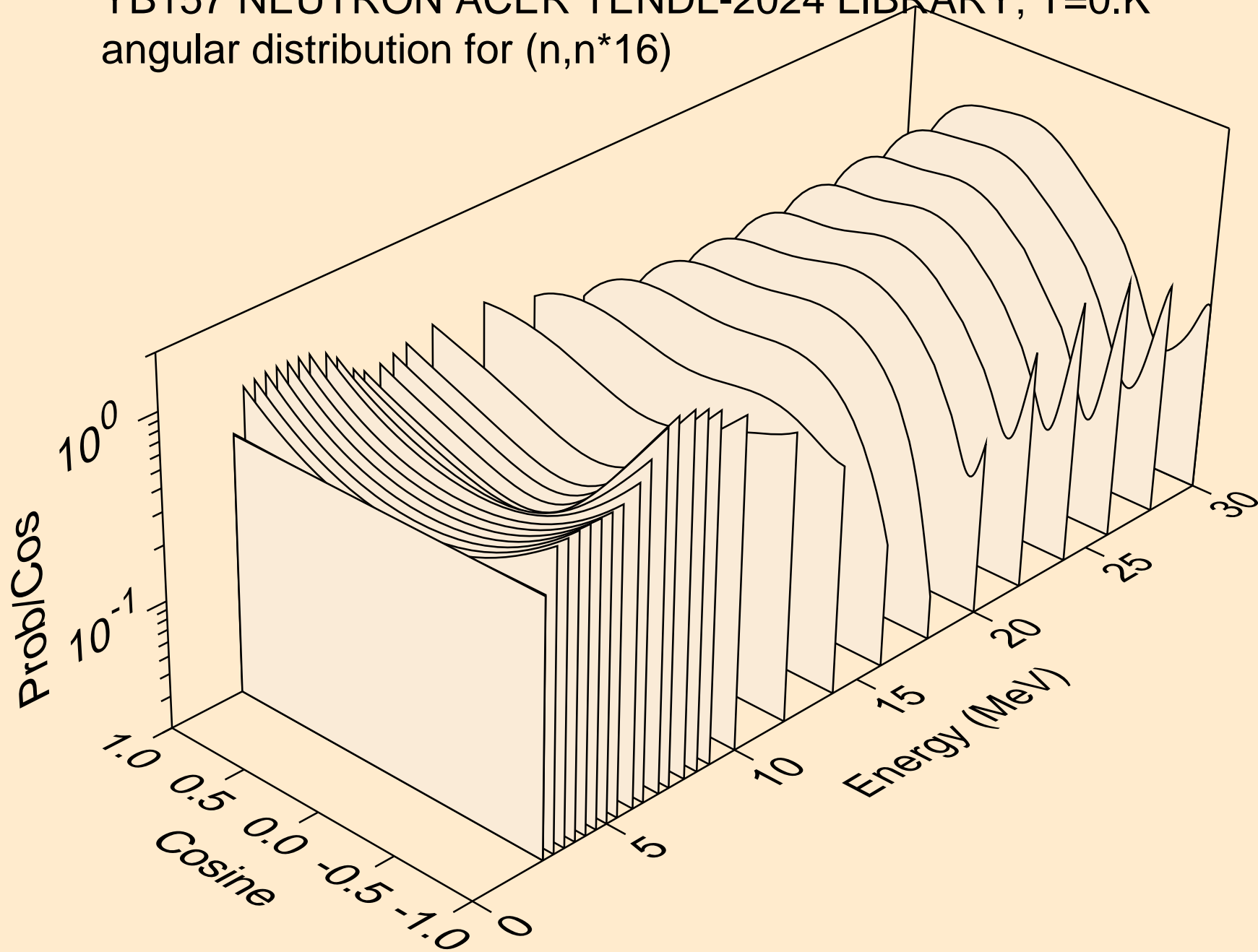
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

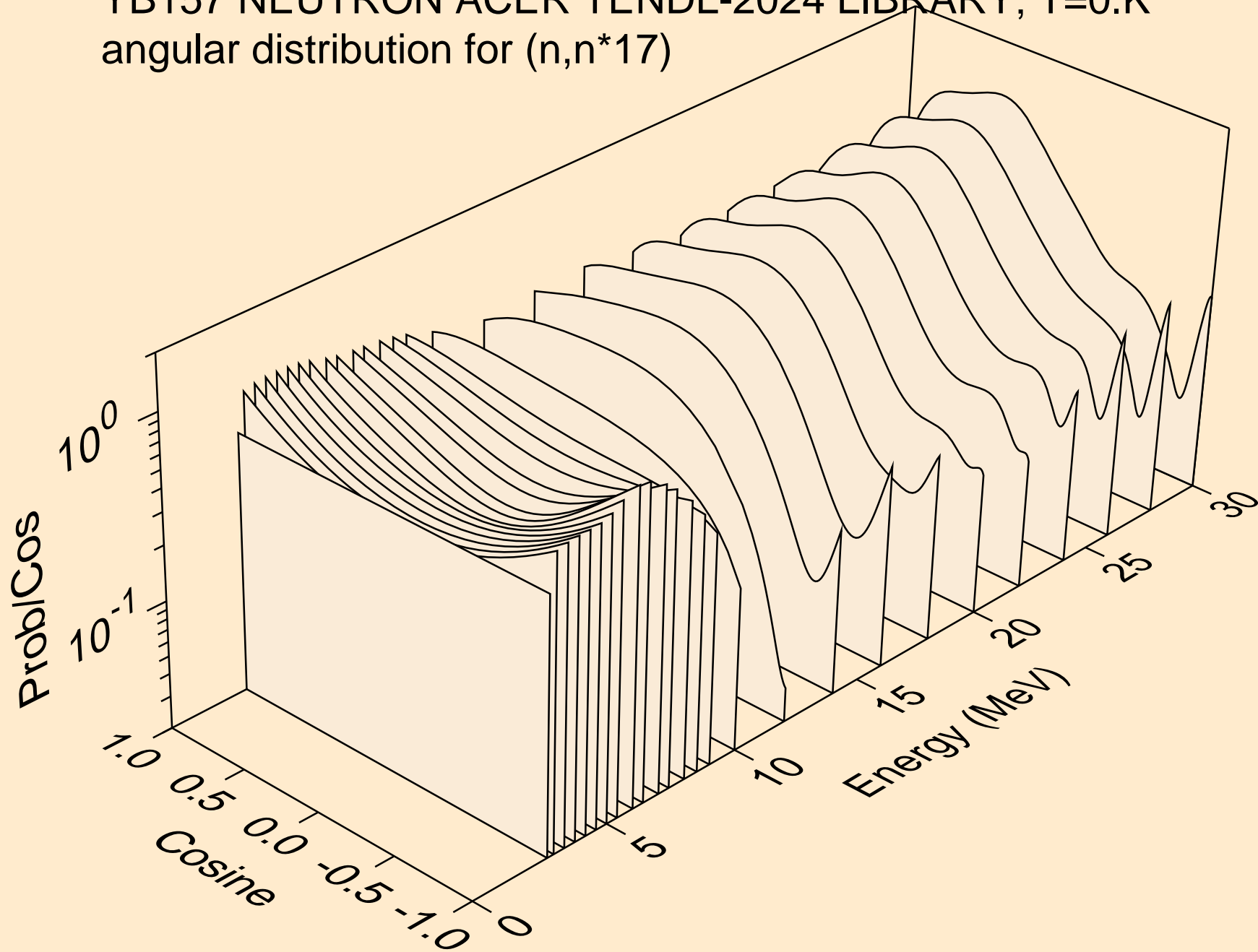


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

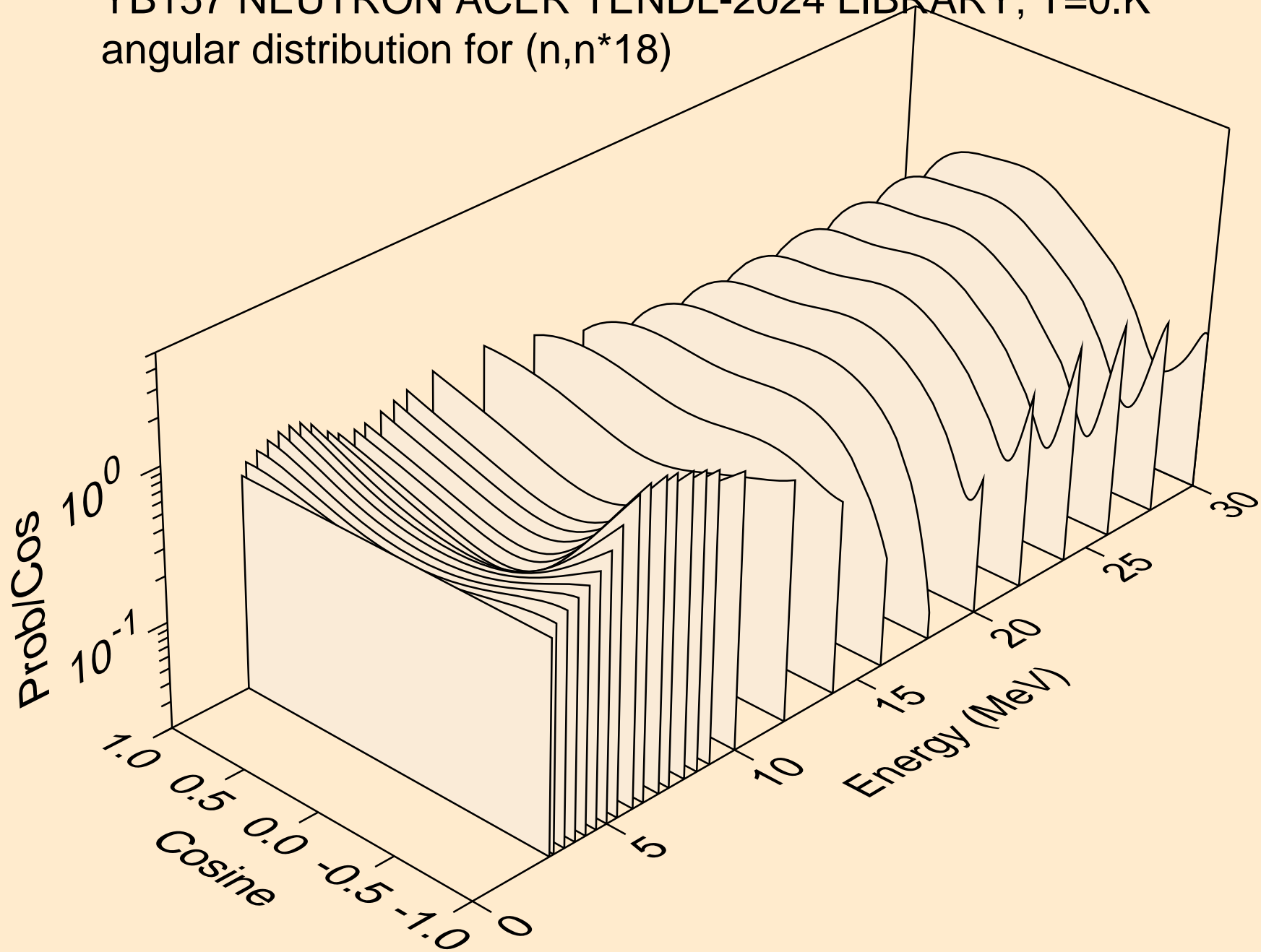




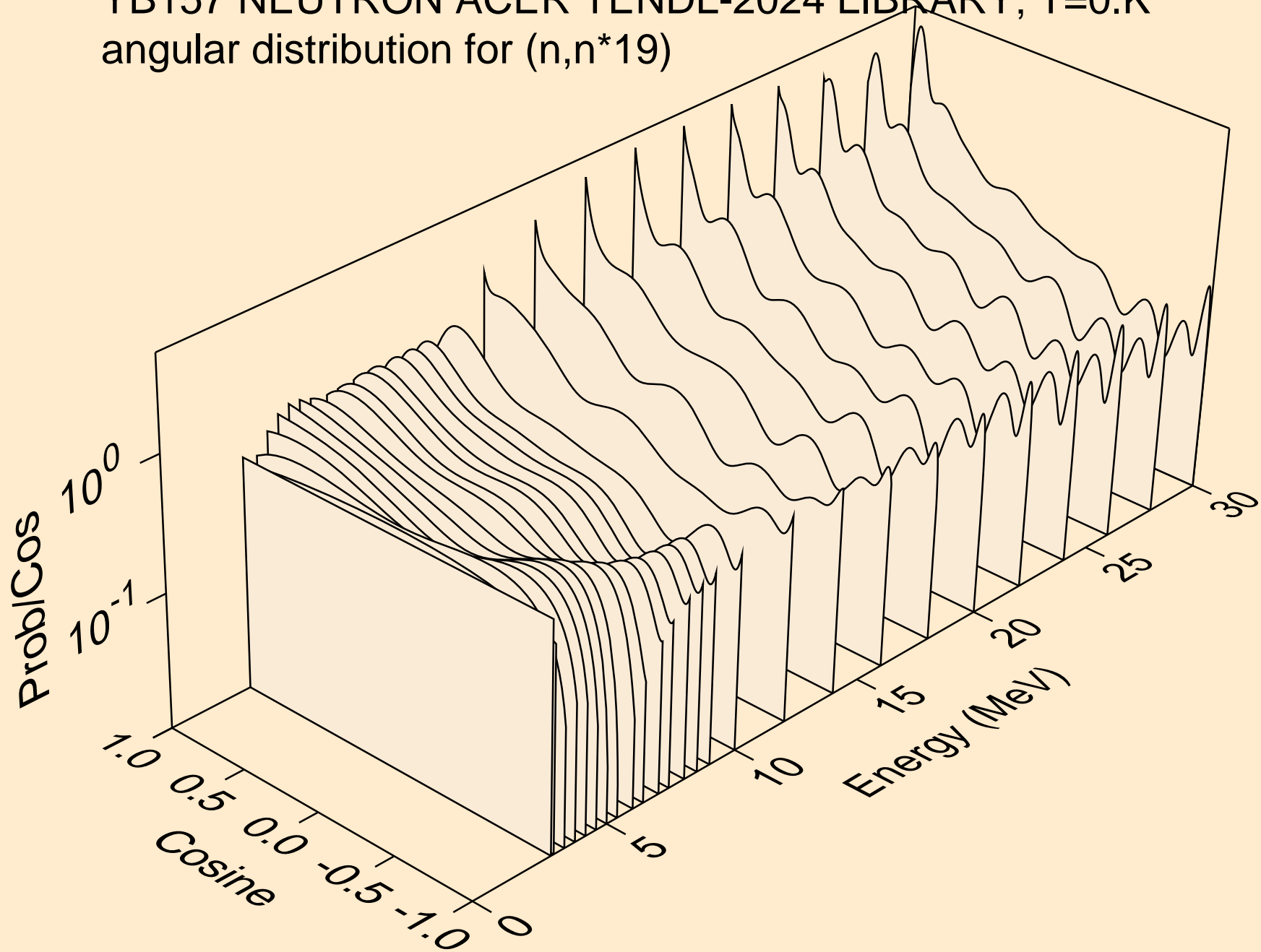
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angular distribution for (n,n\*17)



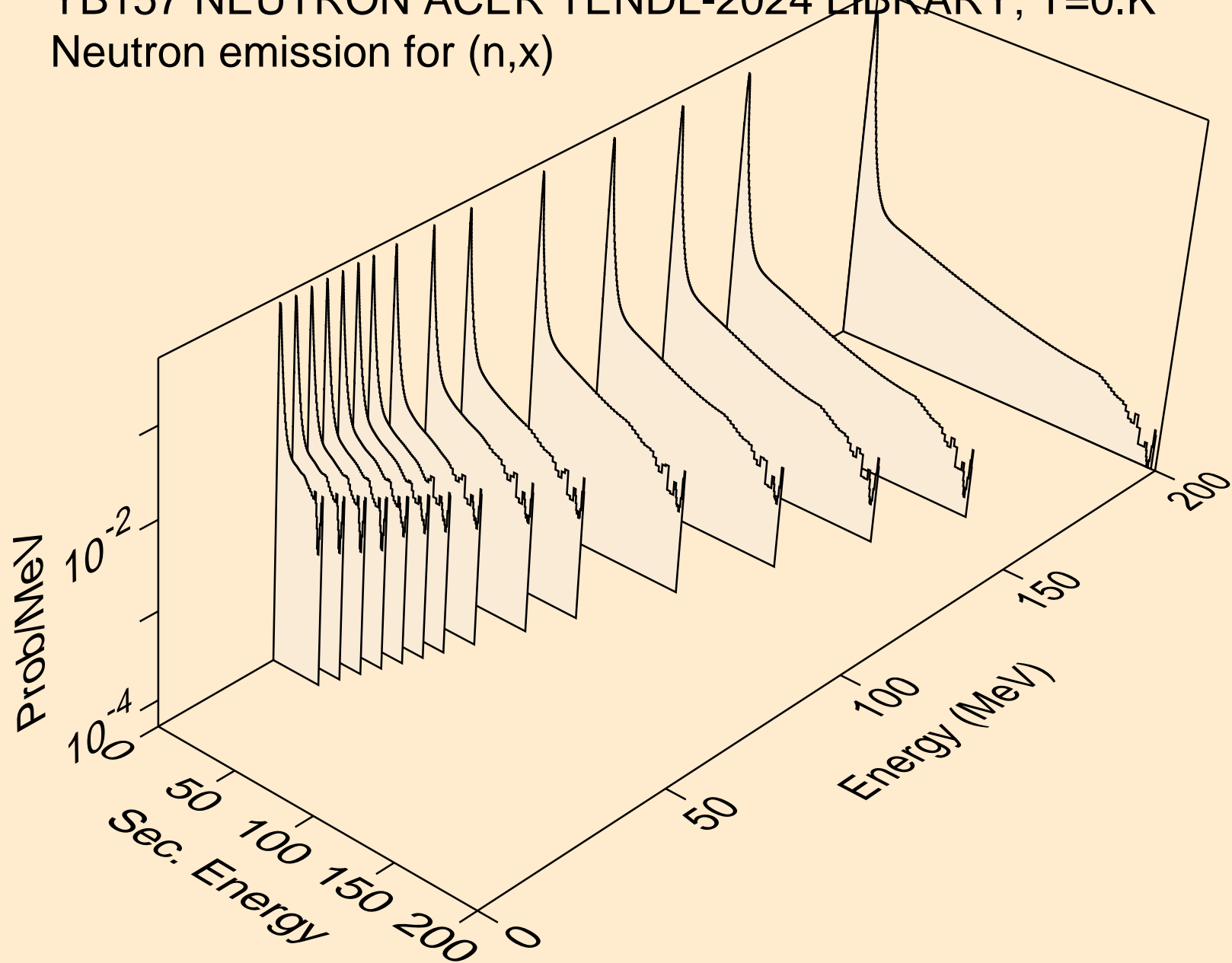
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angular distribution for (n,n\*18)



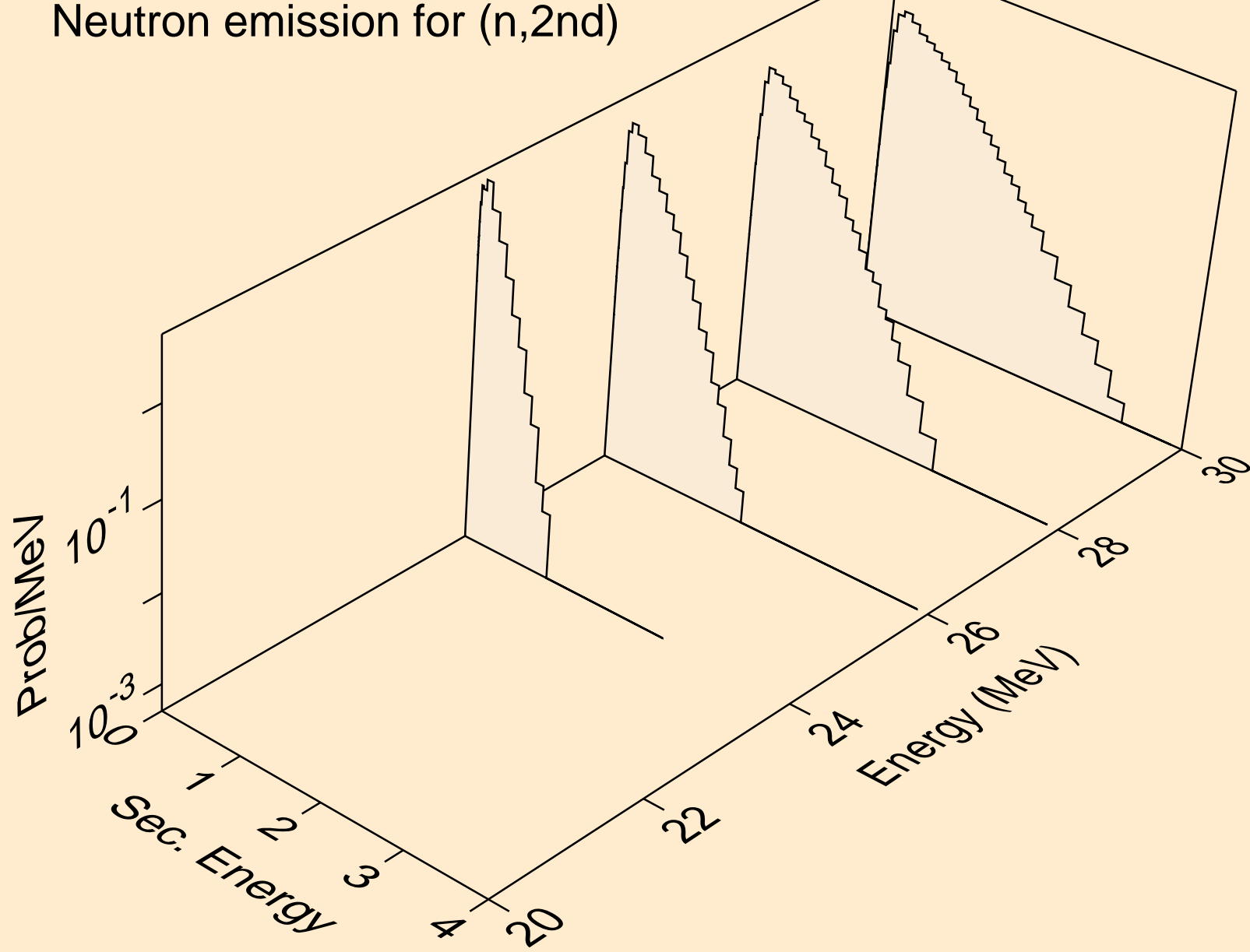
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angular distribution for (n,n\*19)



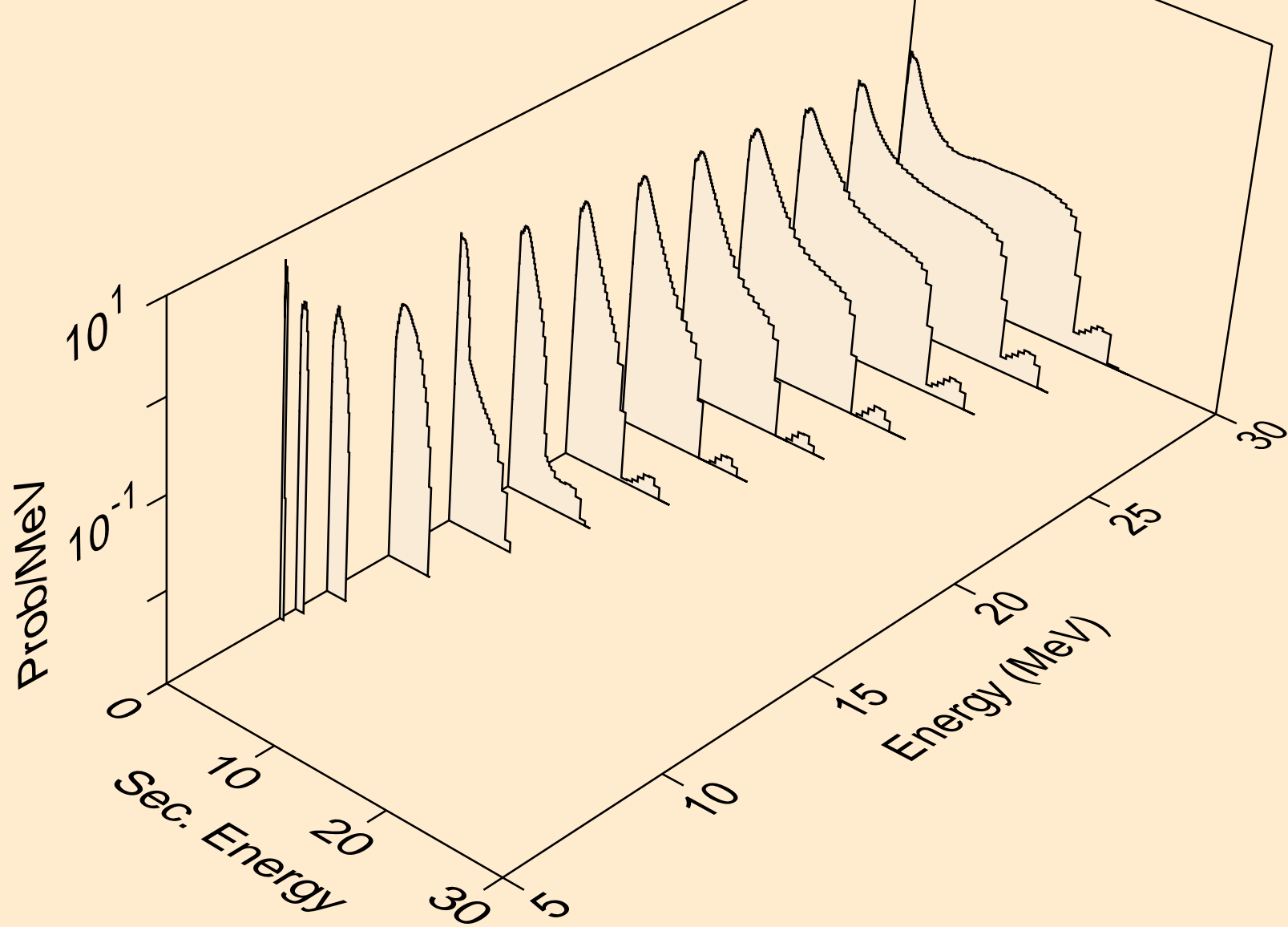
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



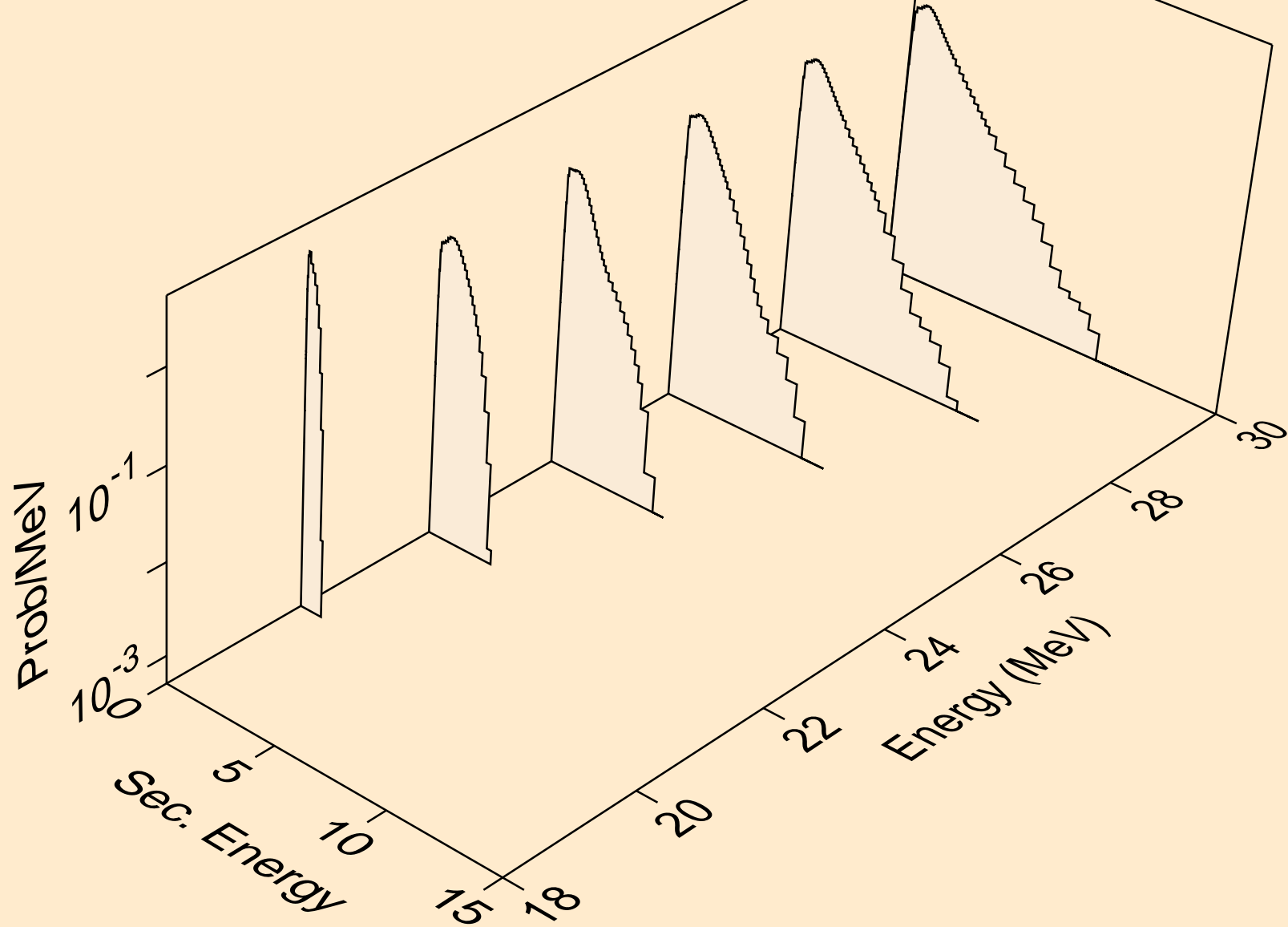
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



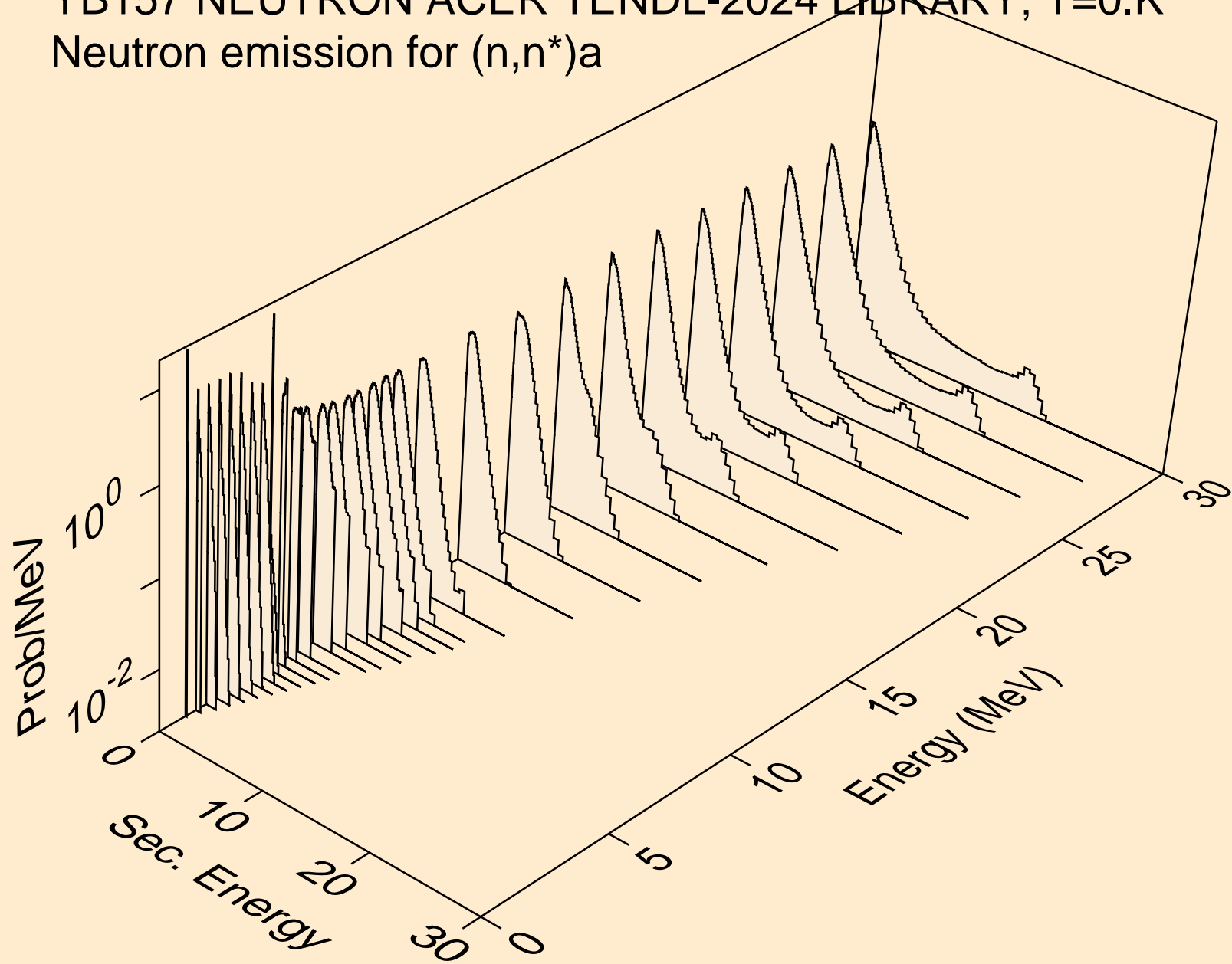
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

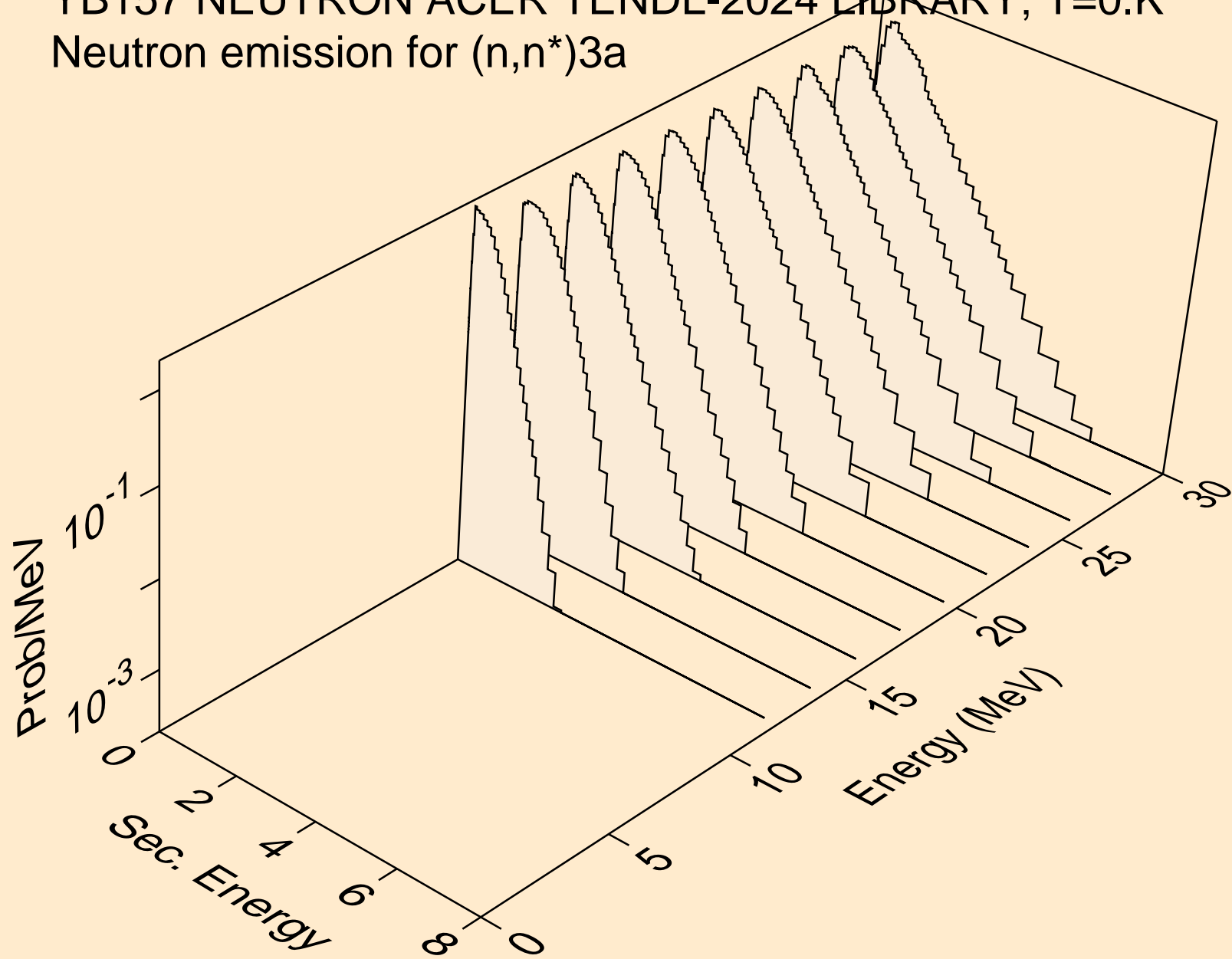


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

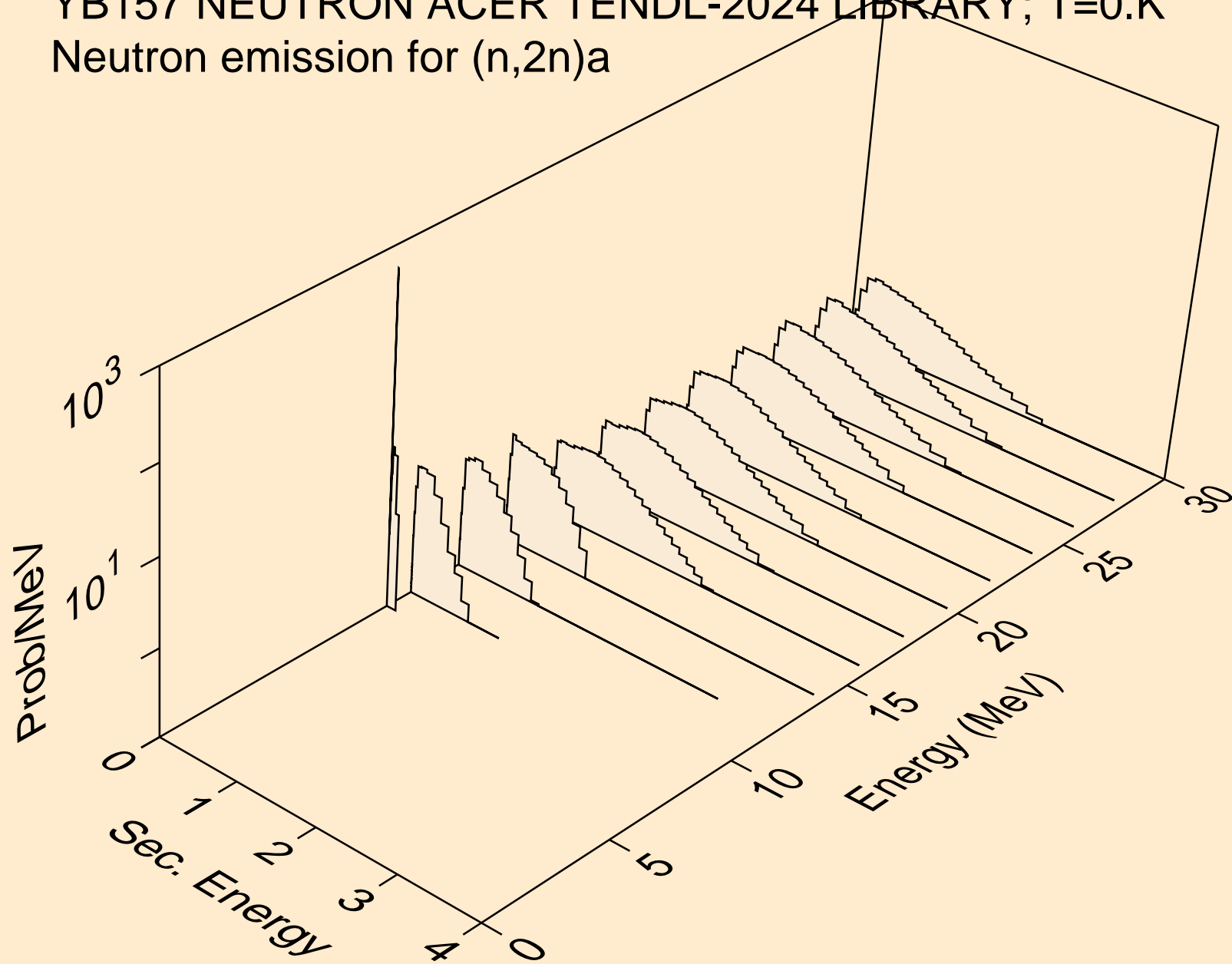




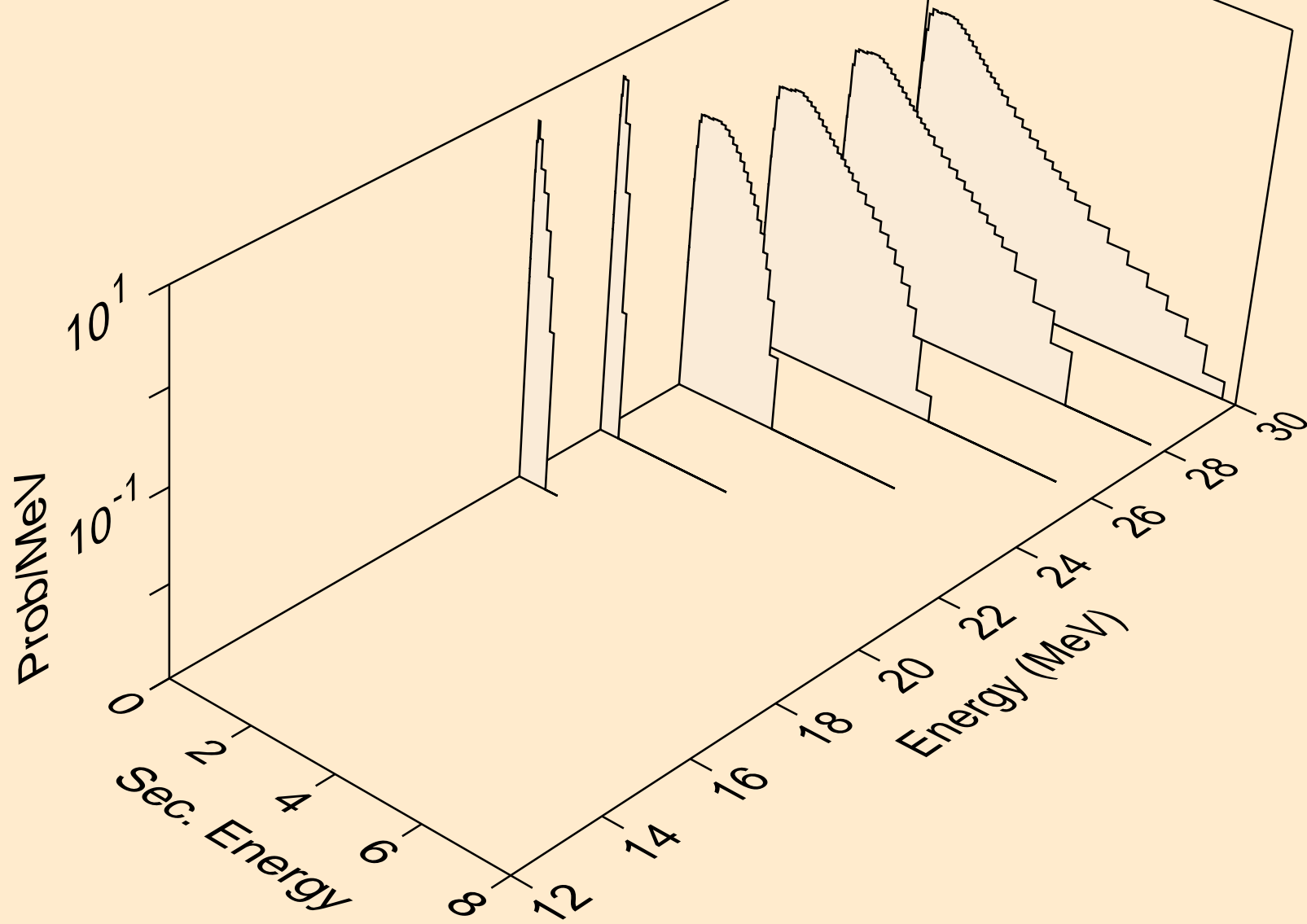
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a



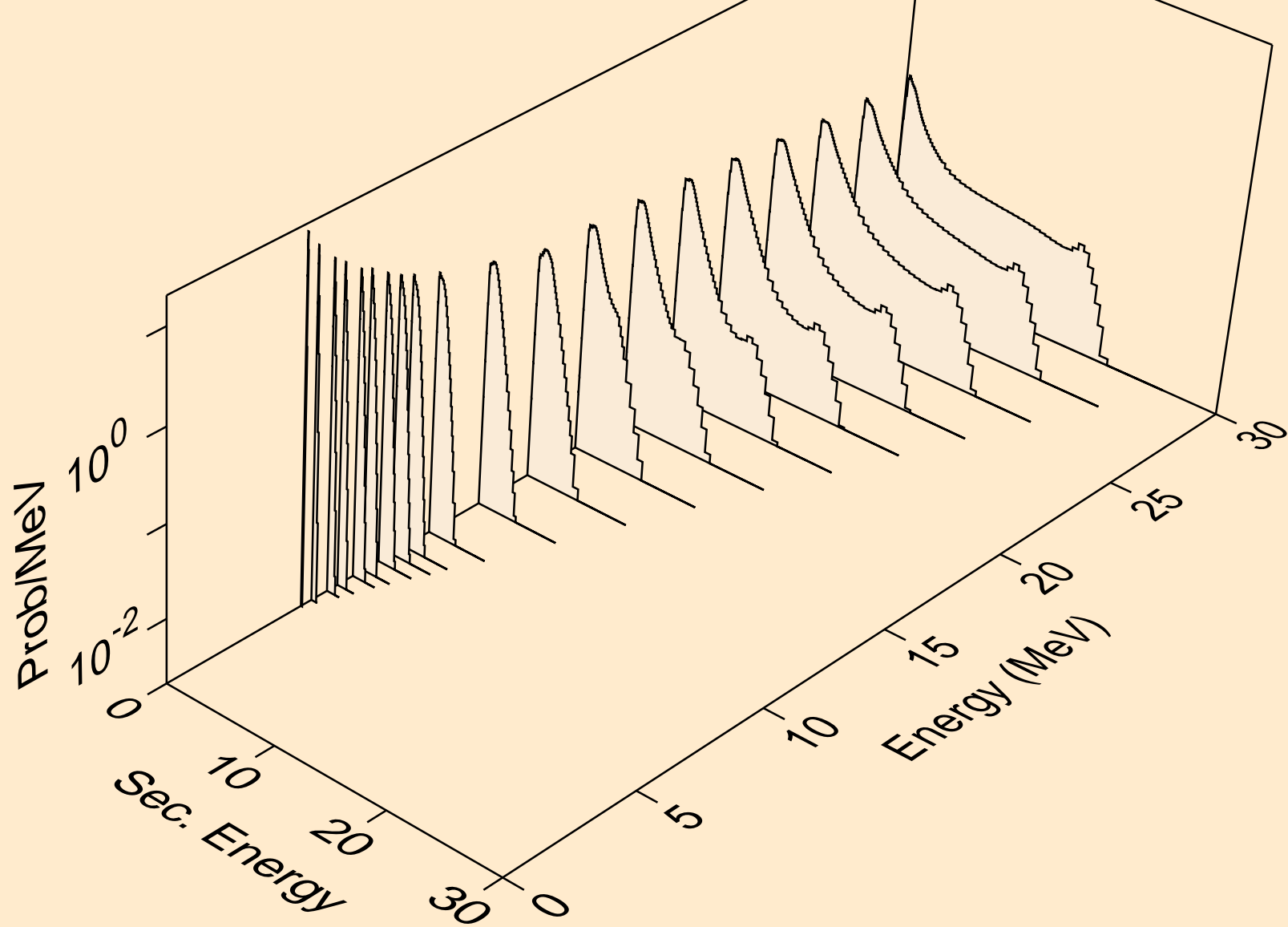
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



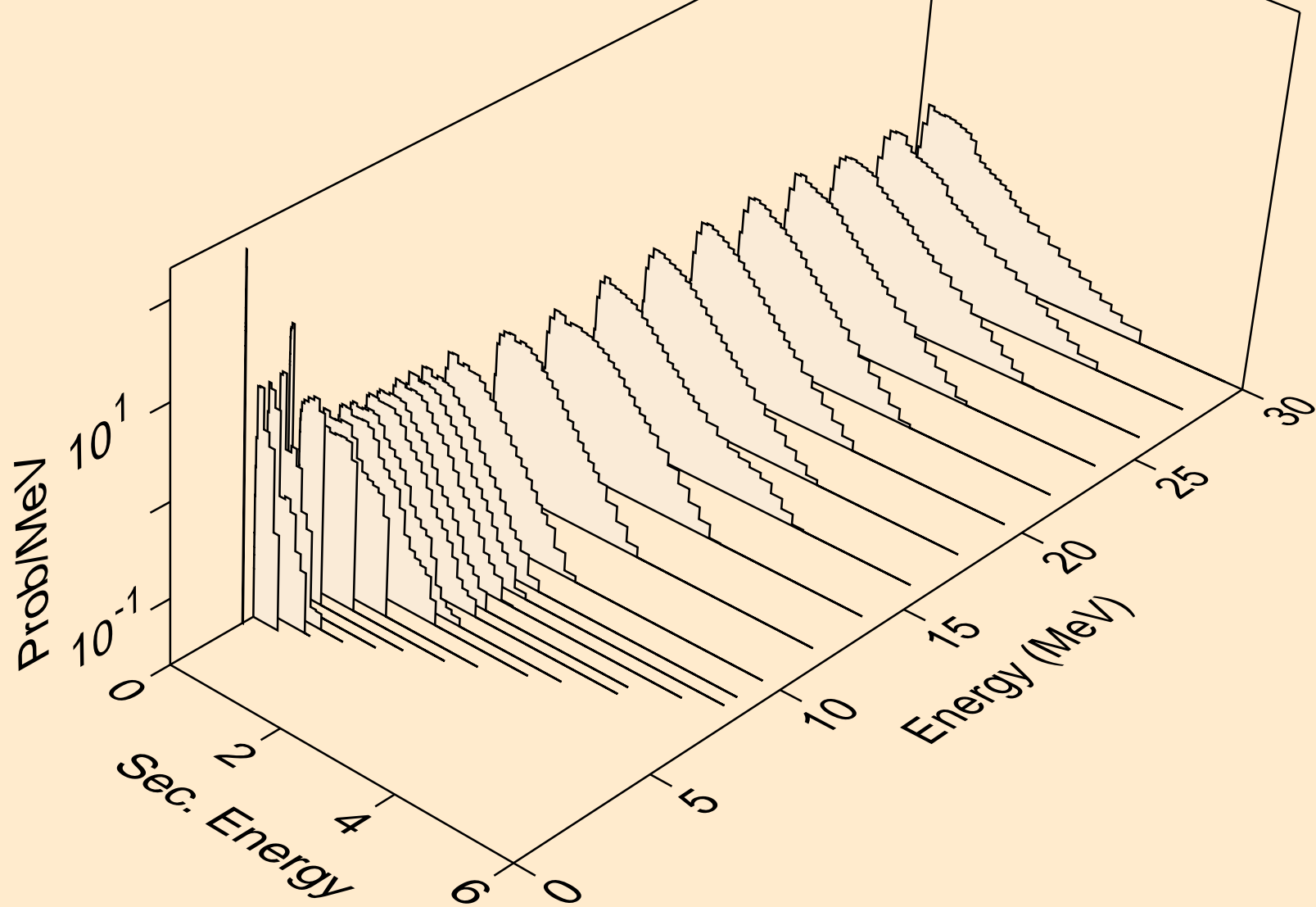
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



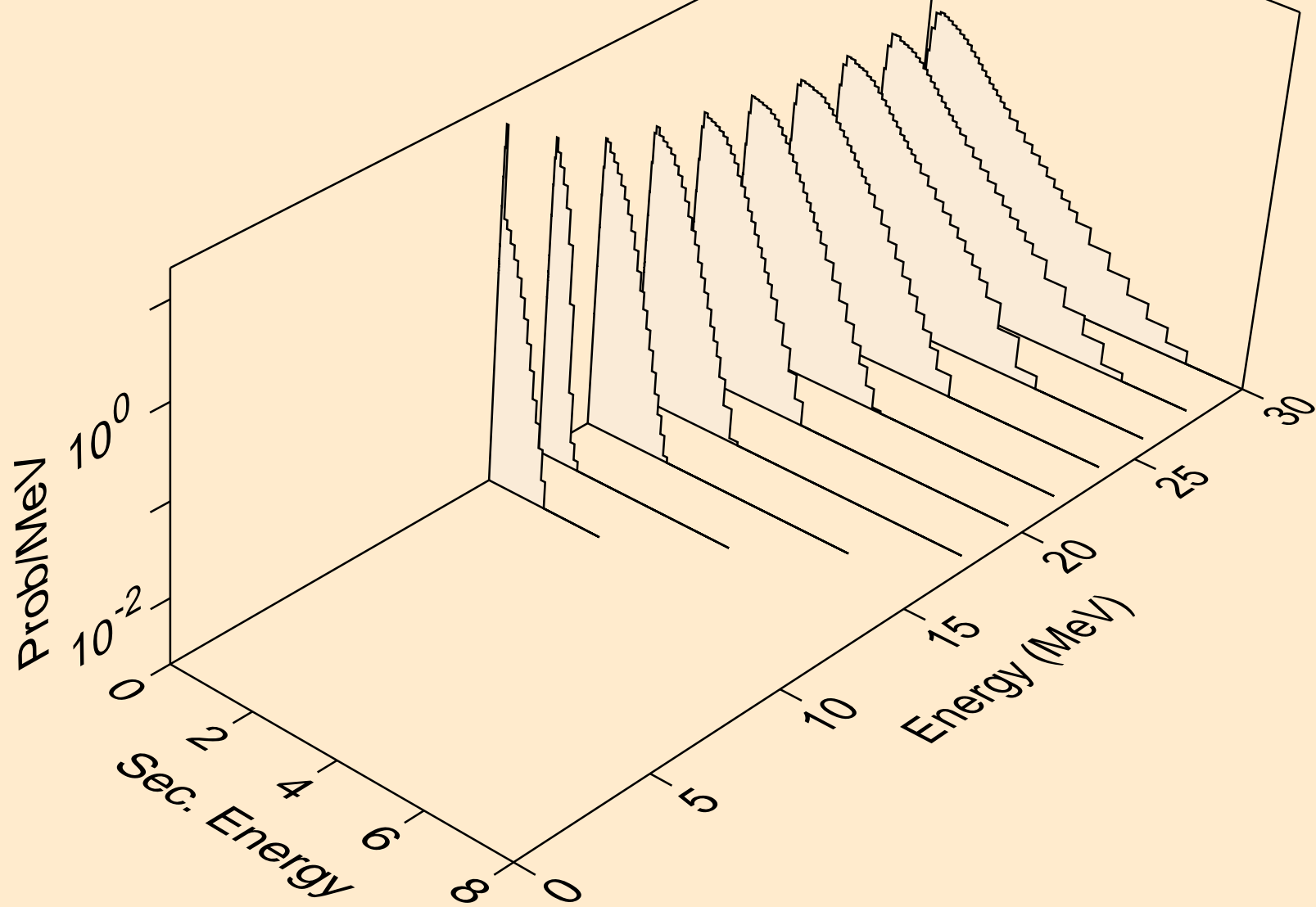
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



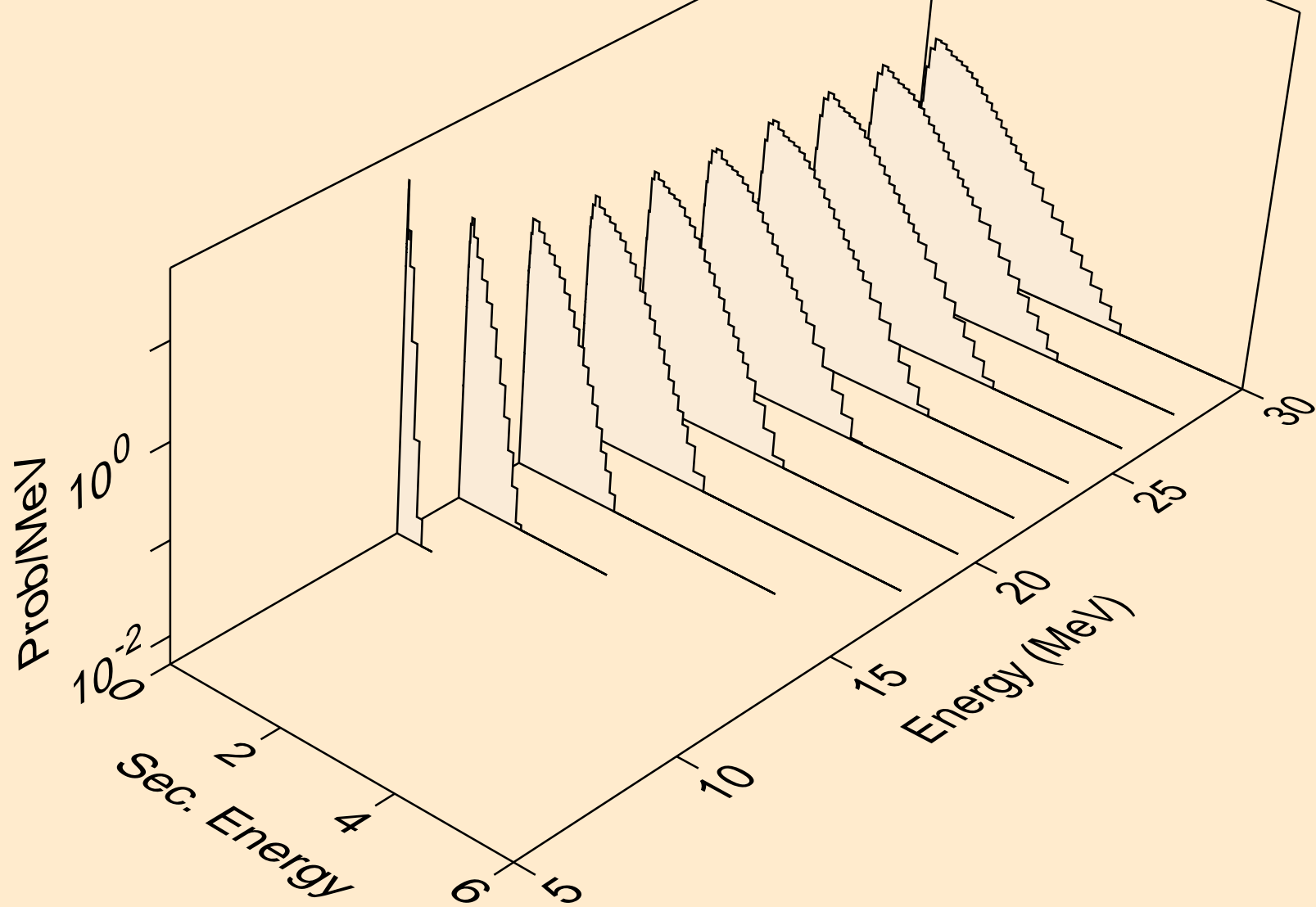
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



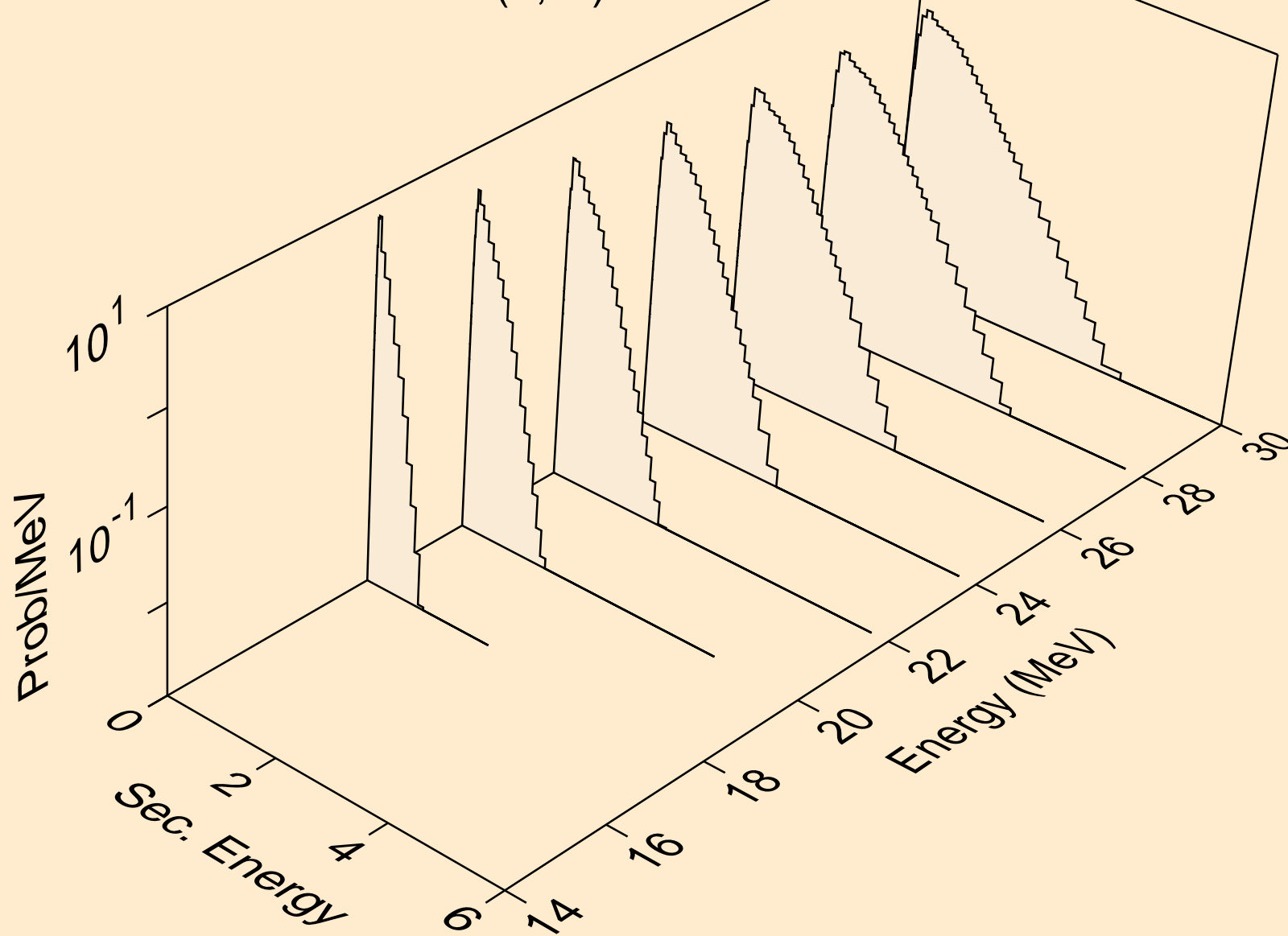
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

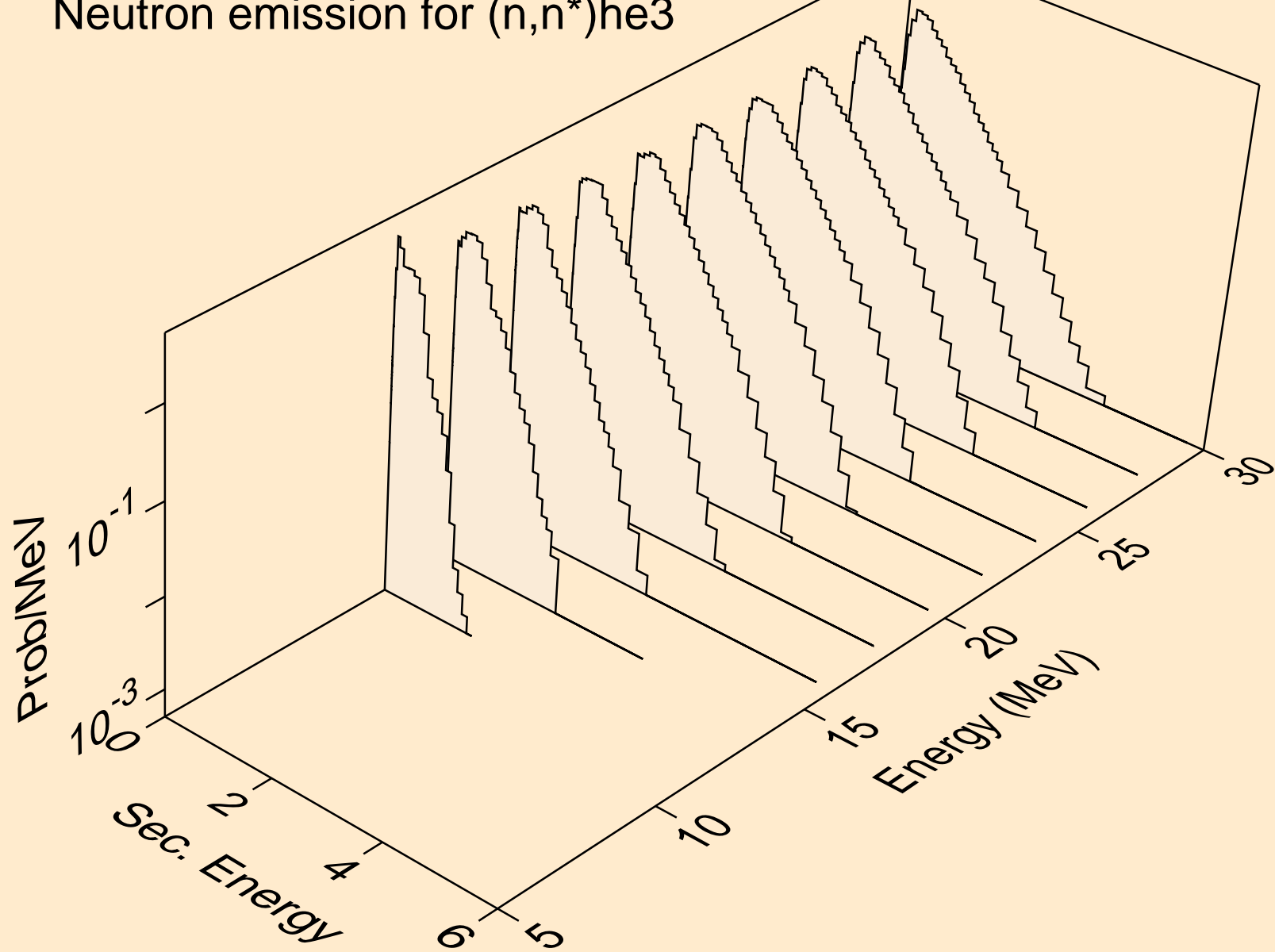


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

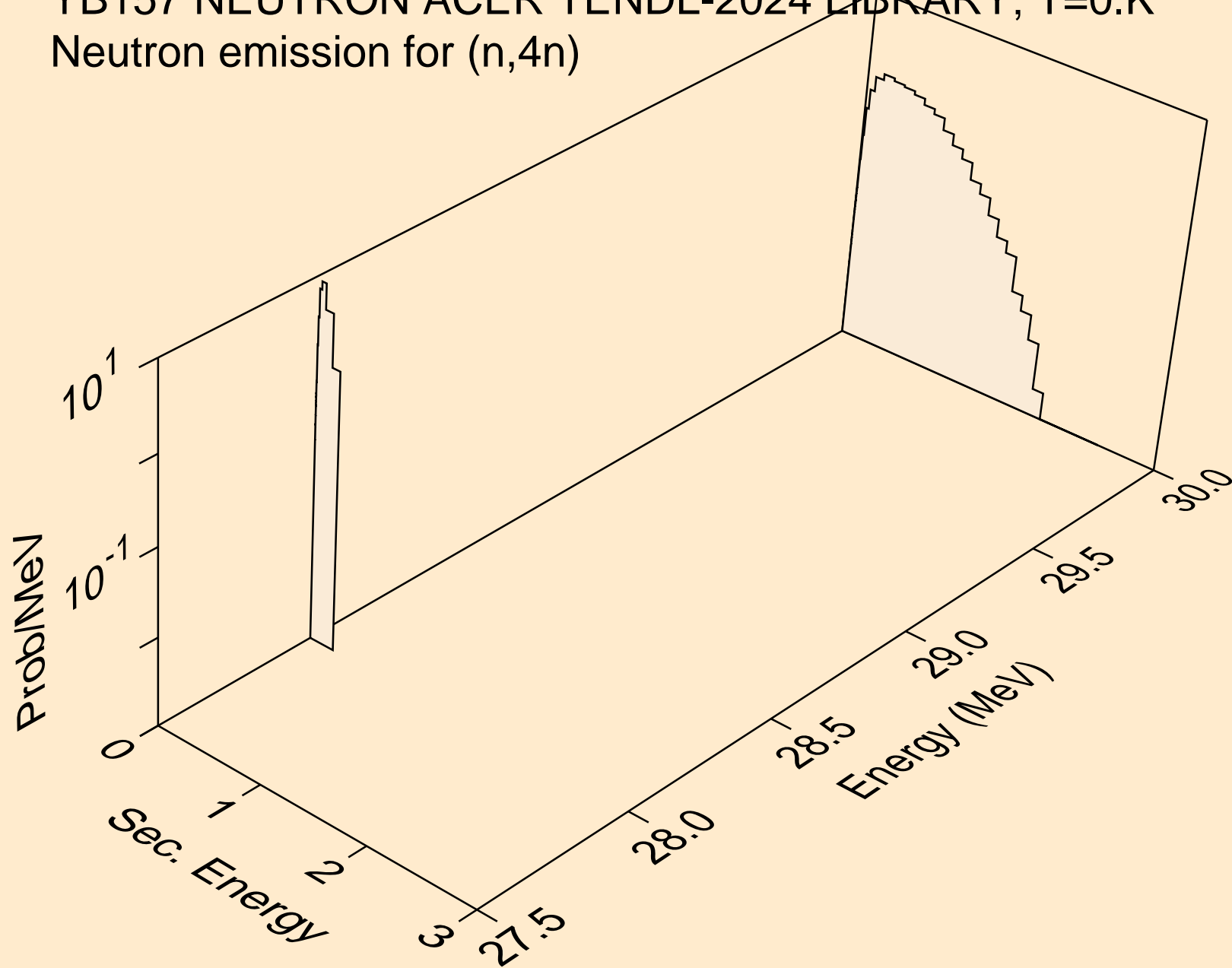




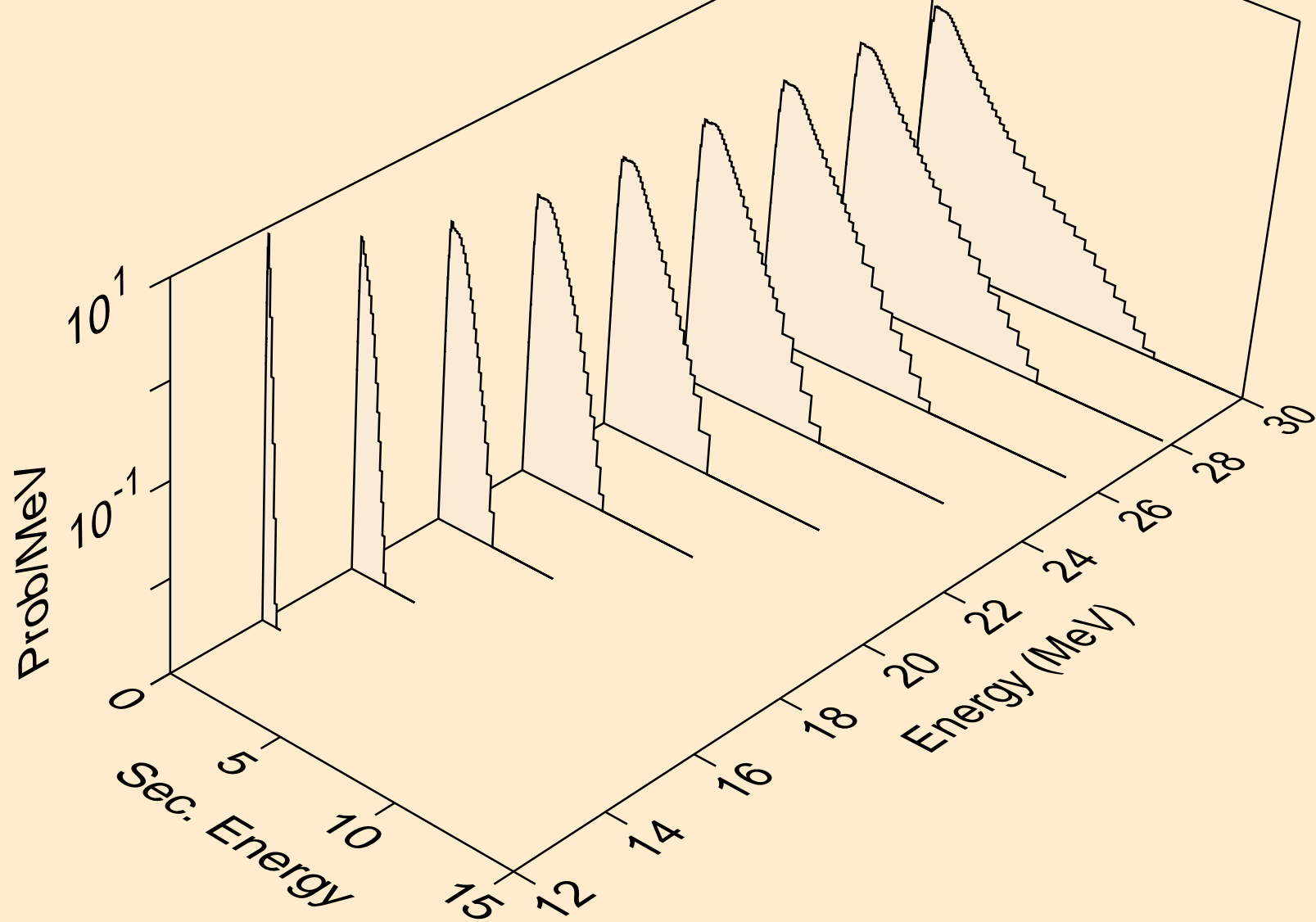
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



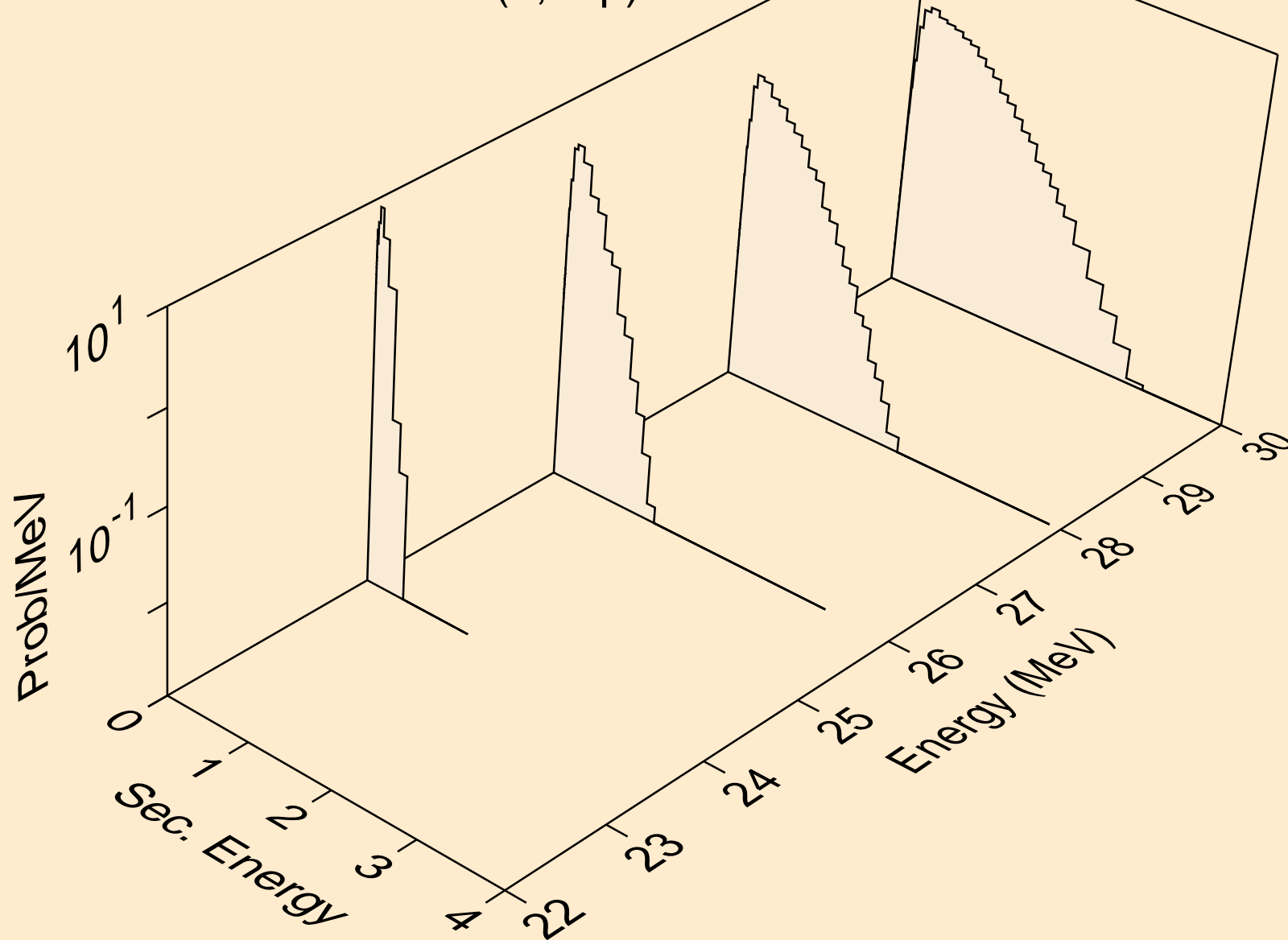
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



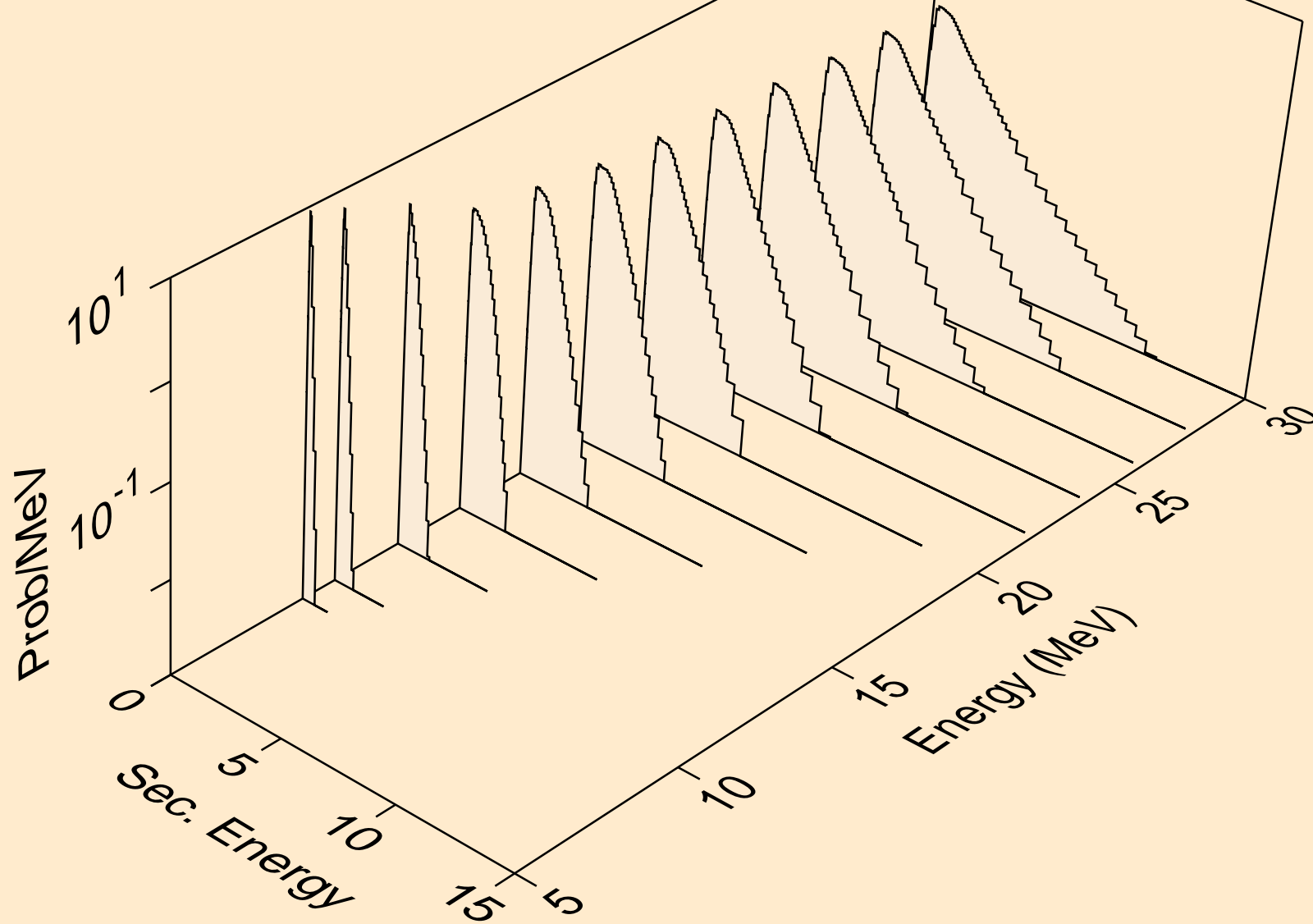
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



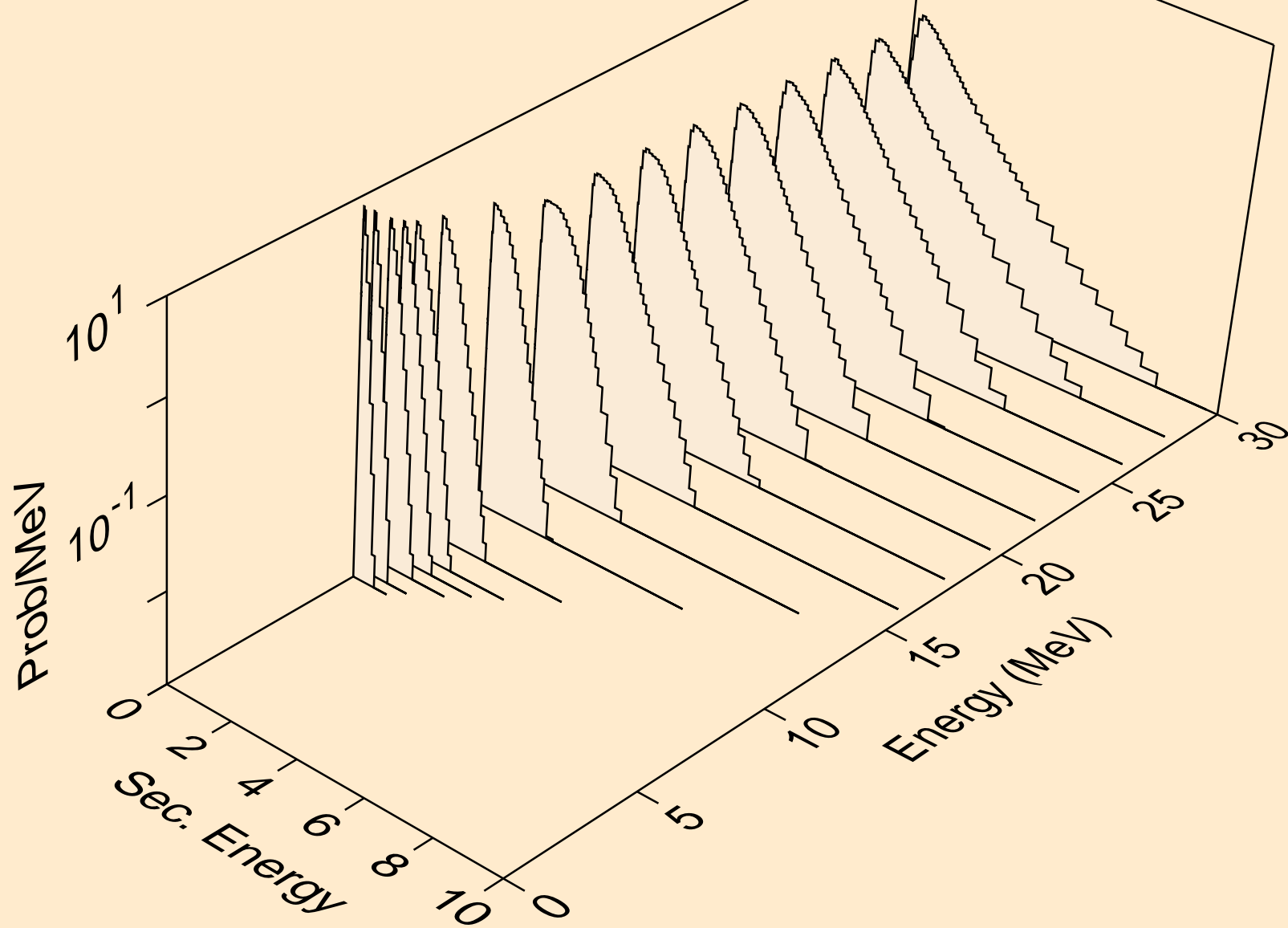
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



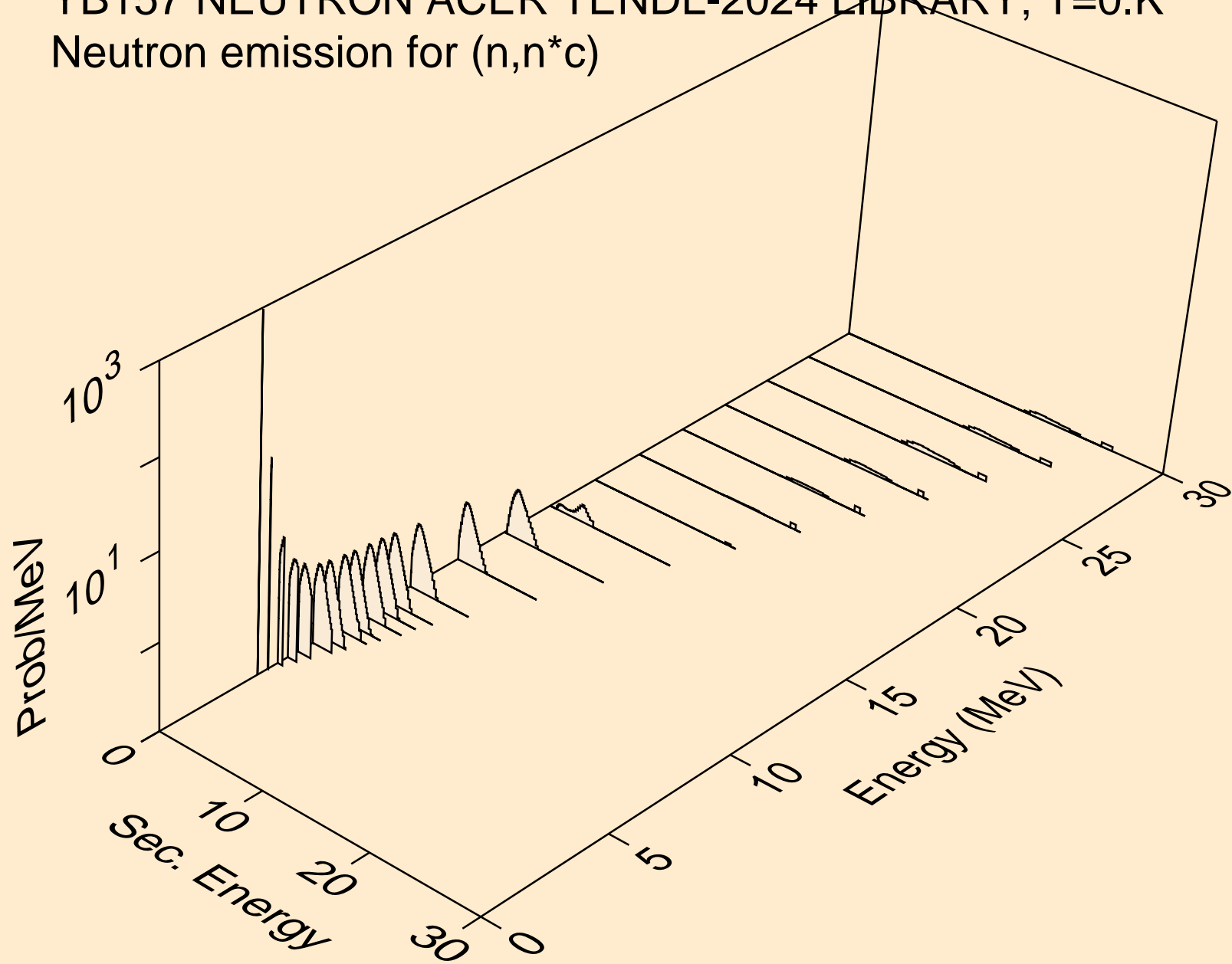
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



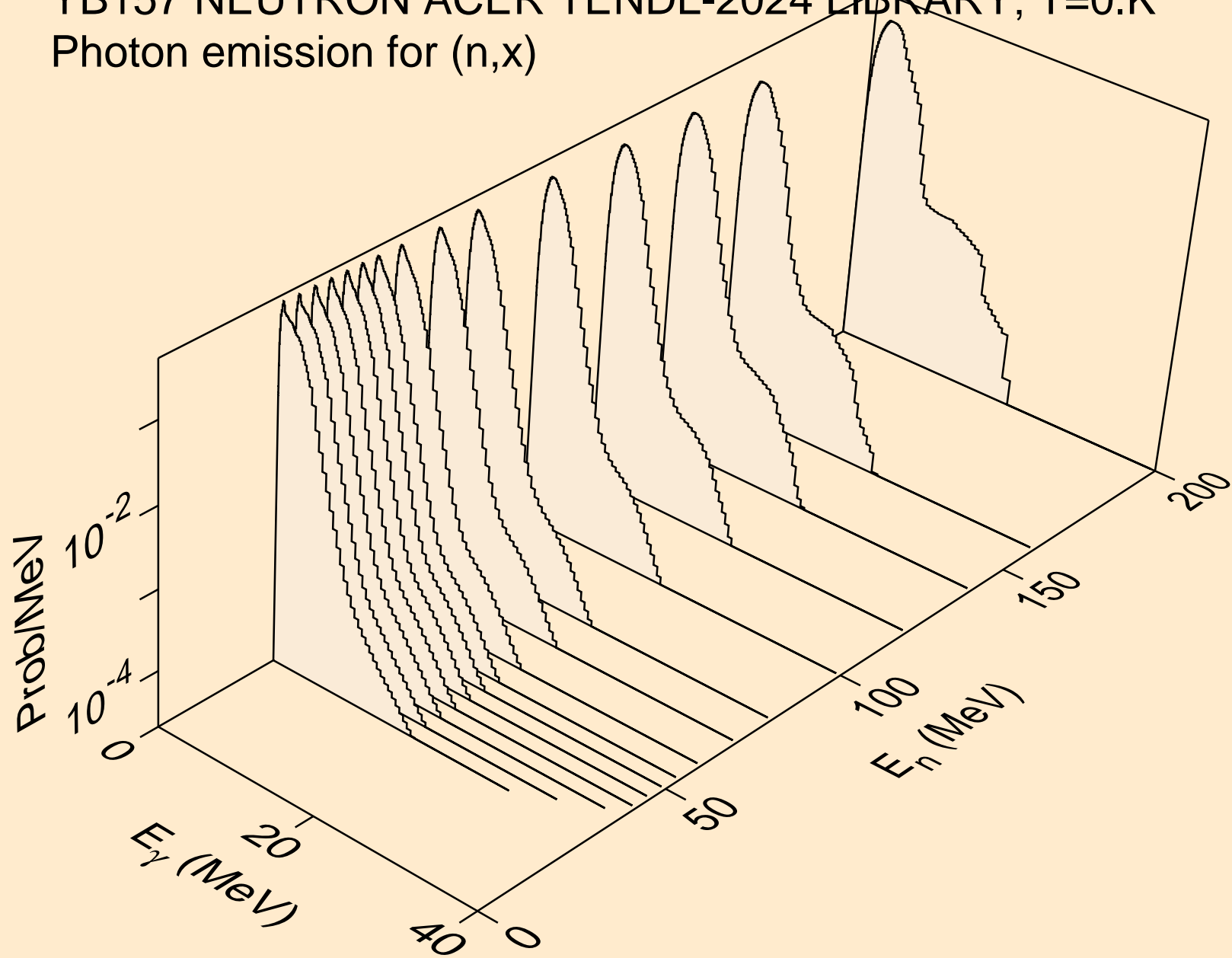
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

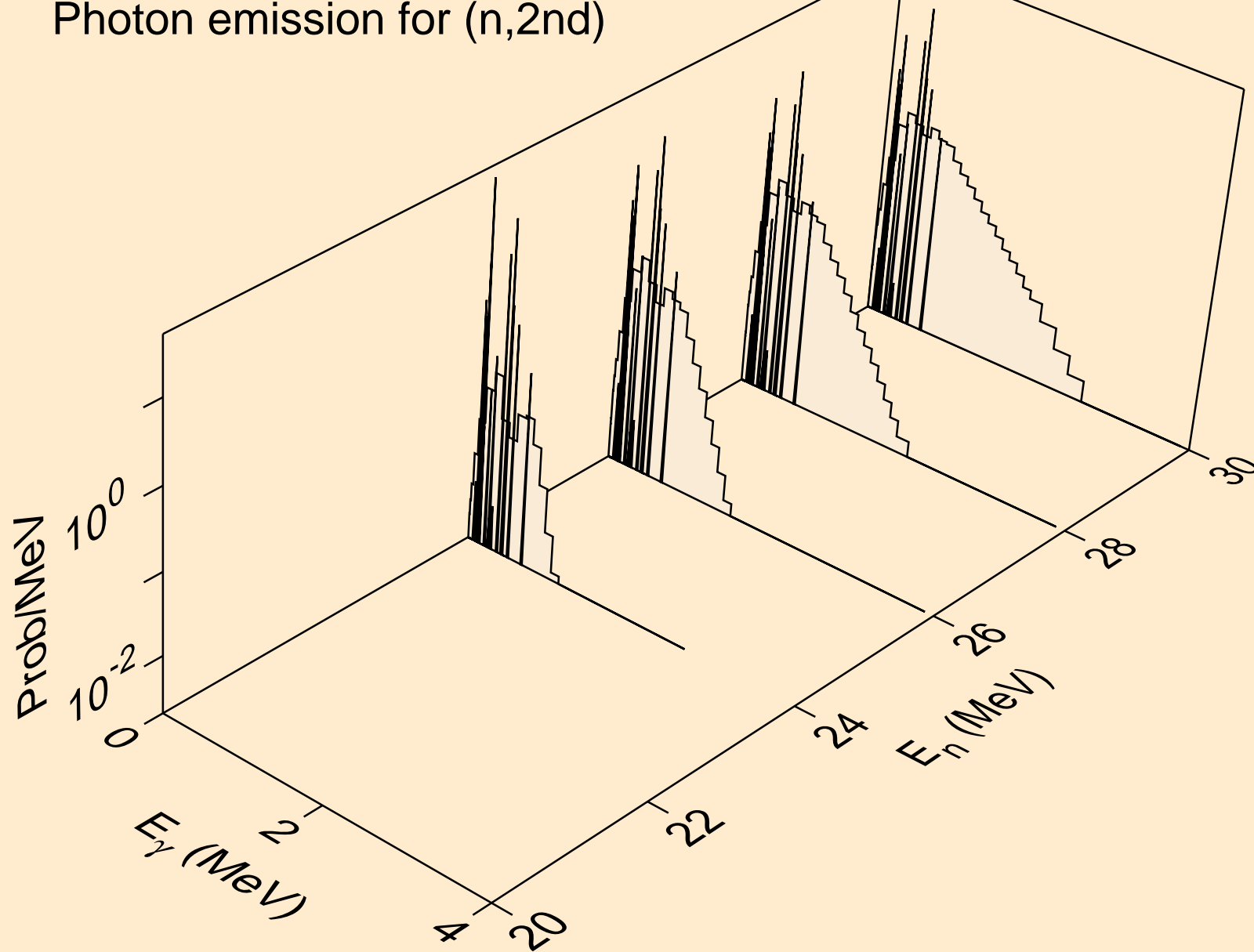


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

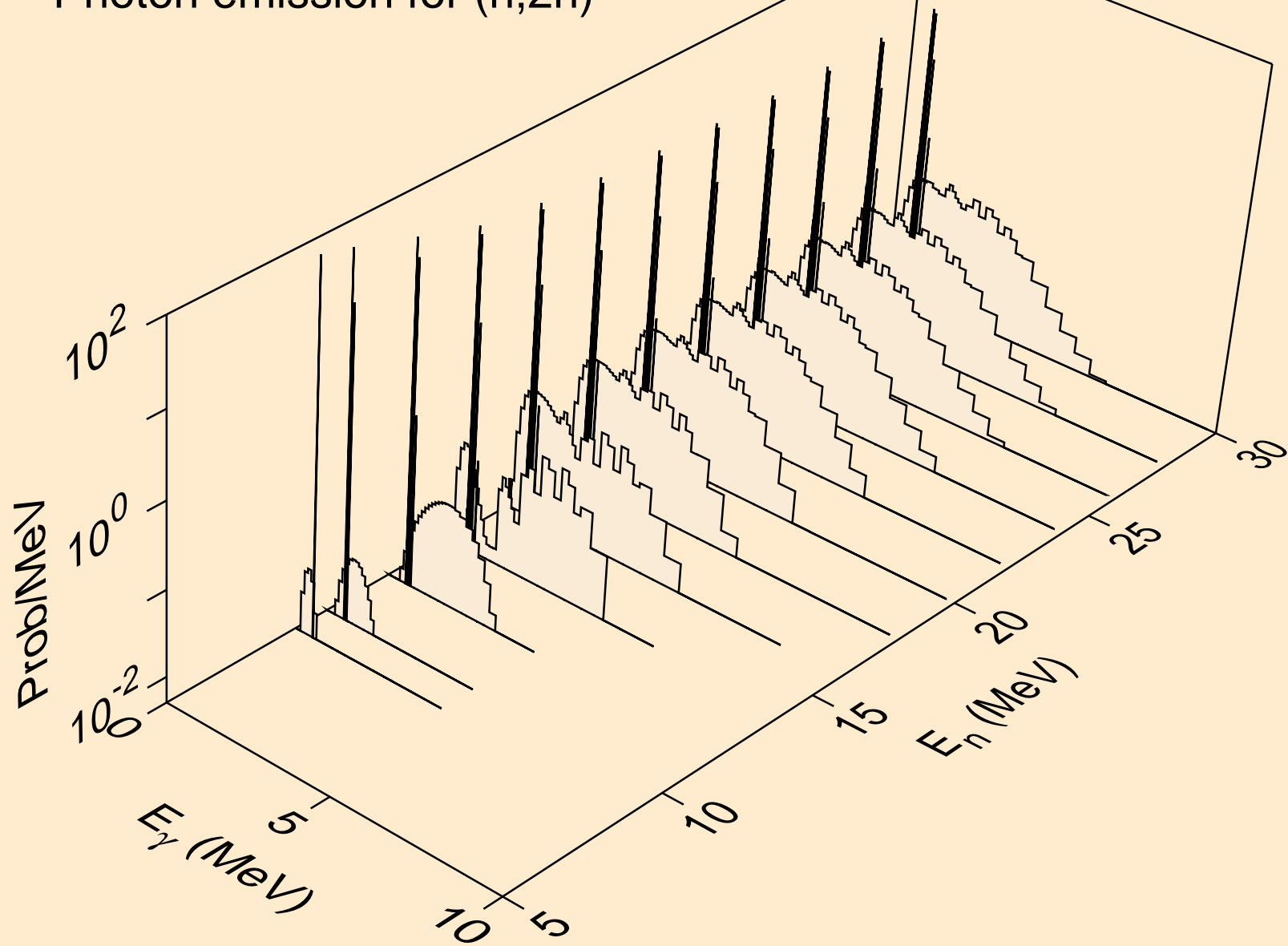




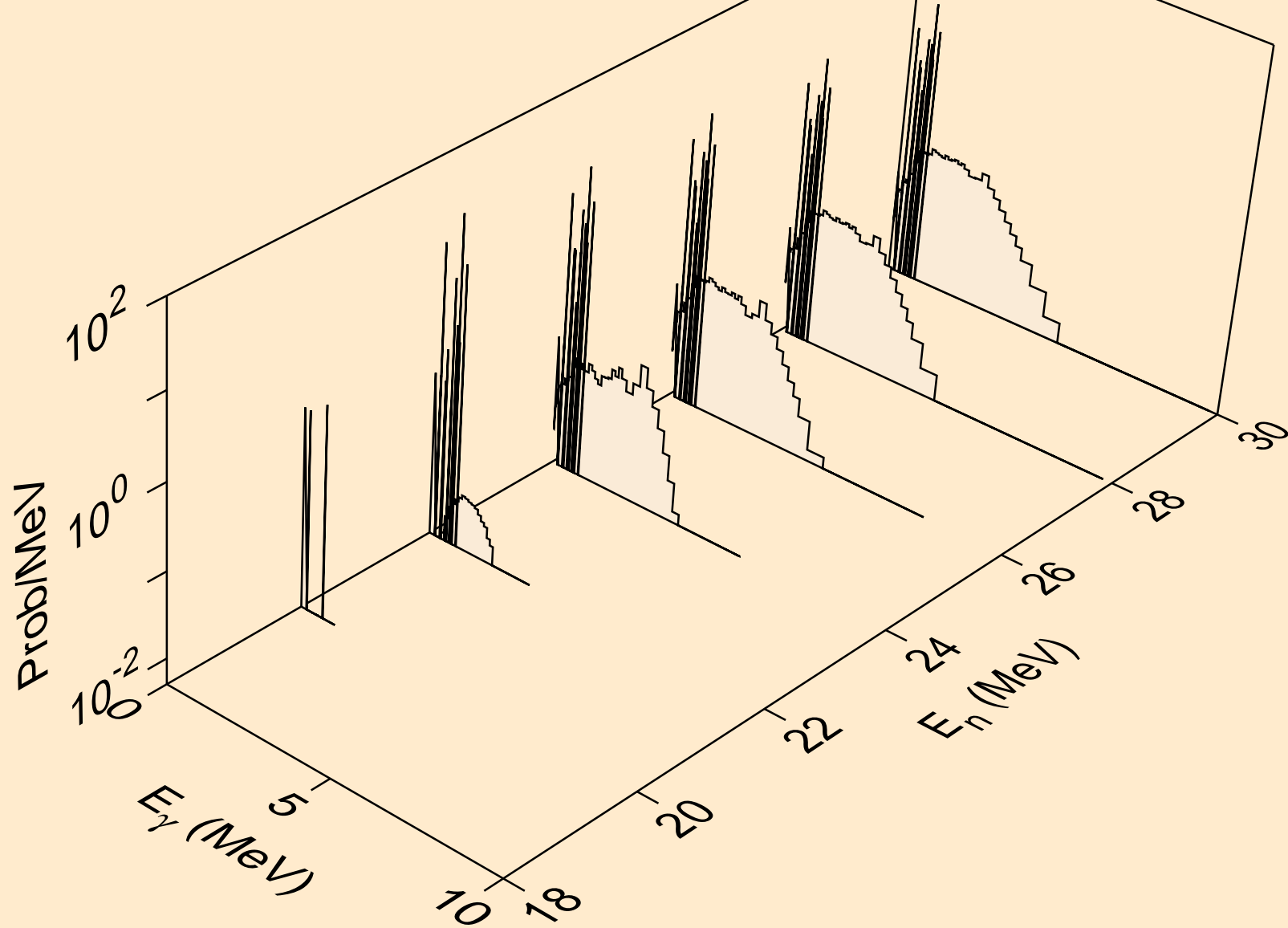
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



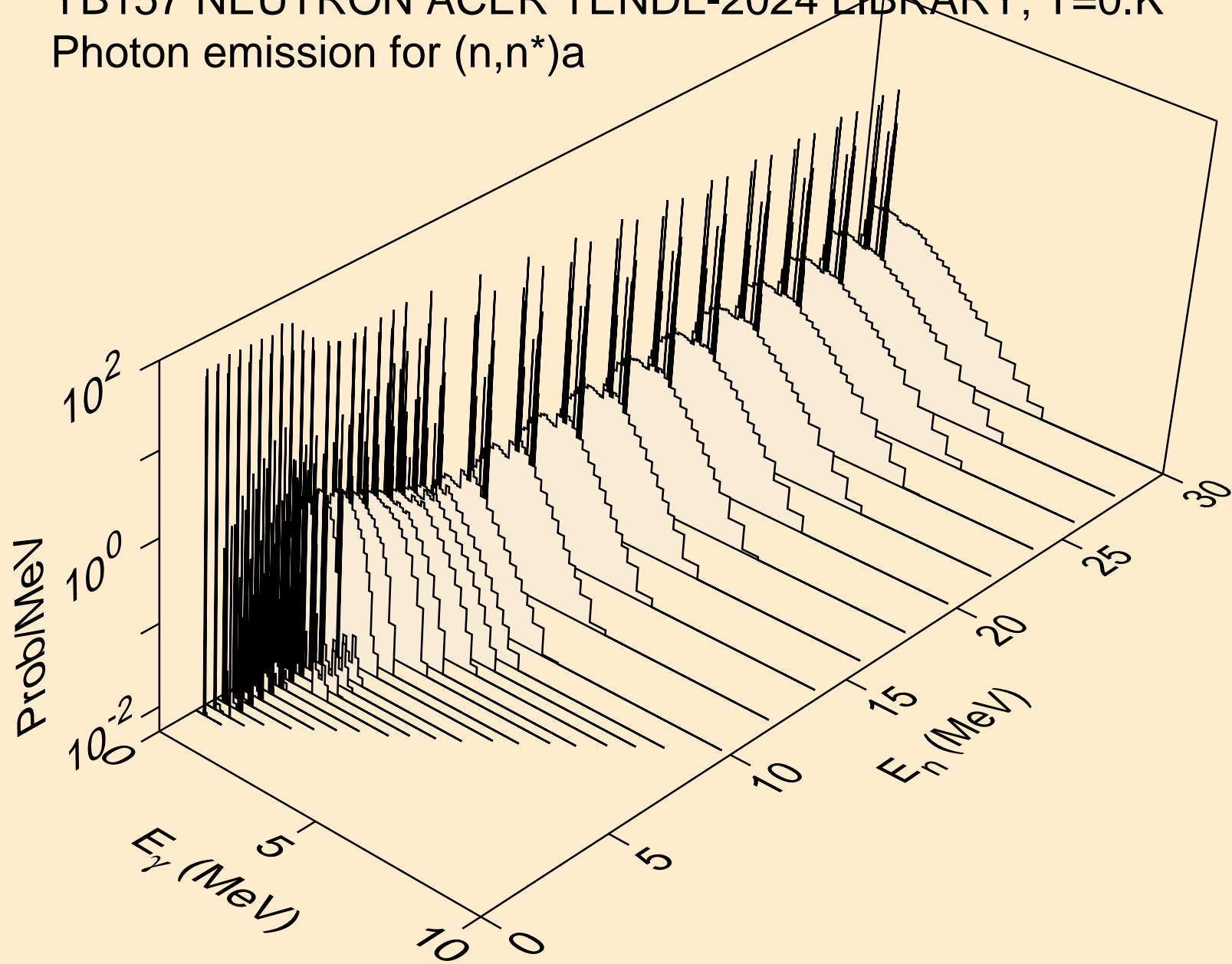
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



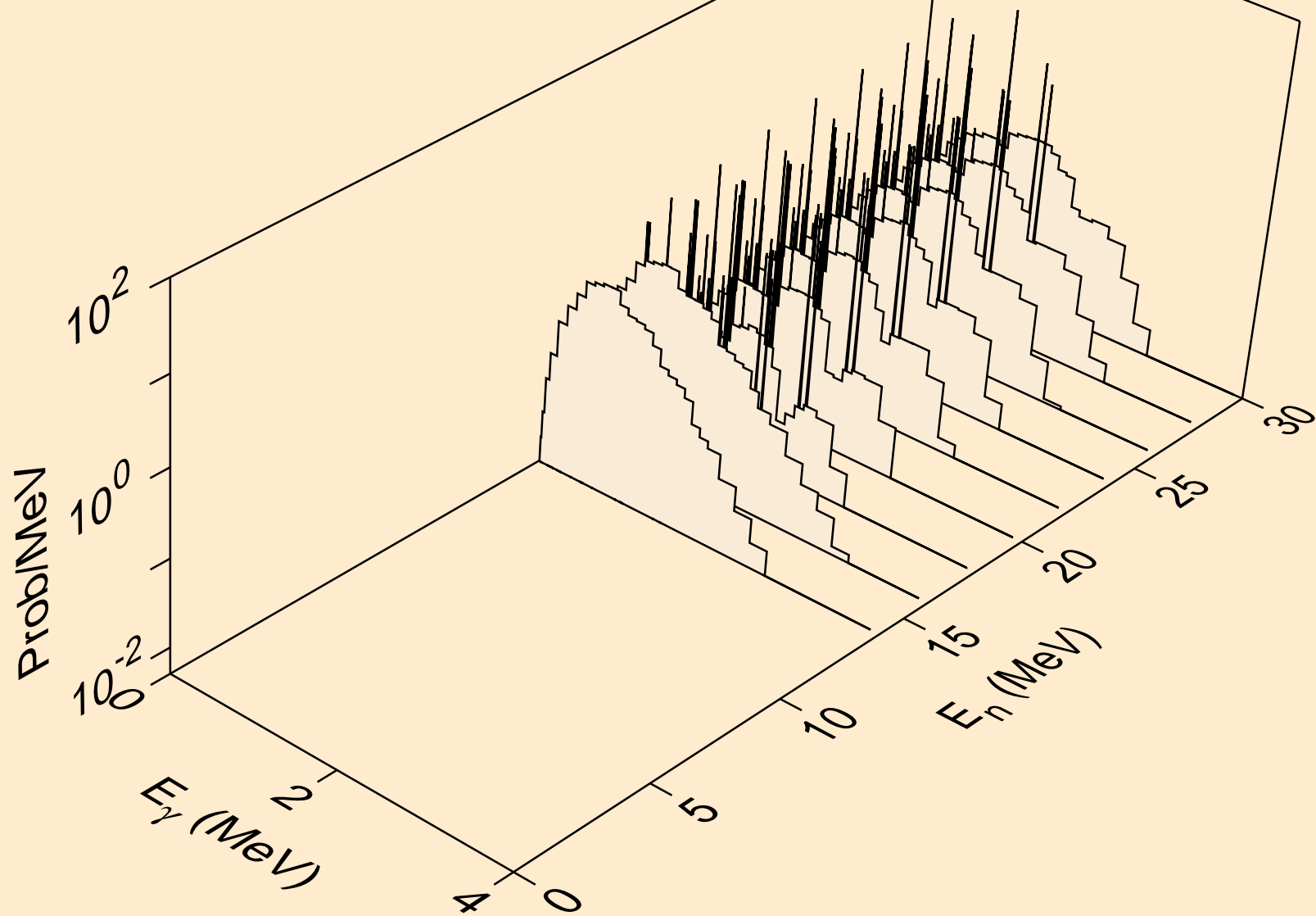
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



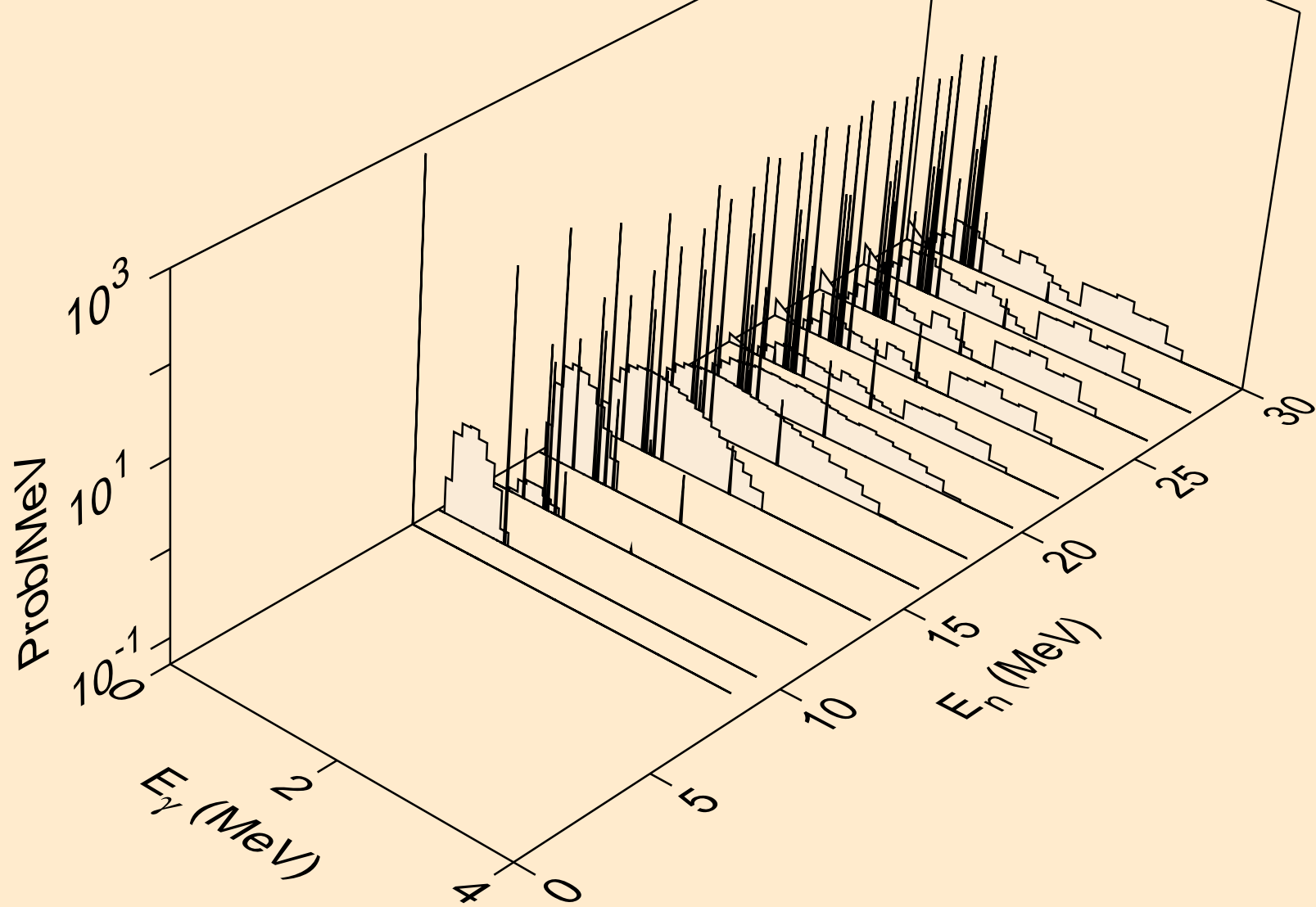
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



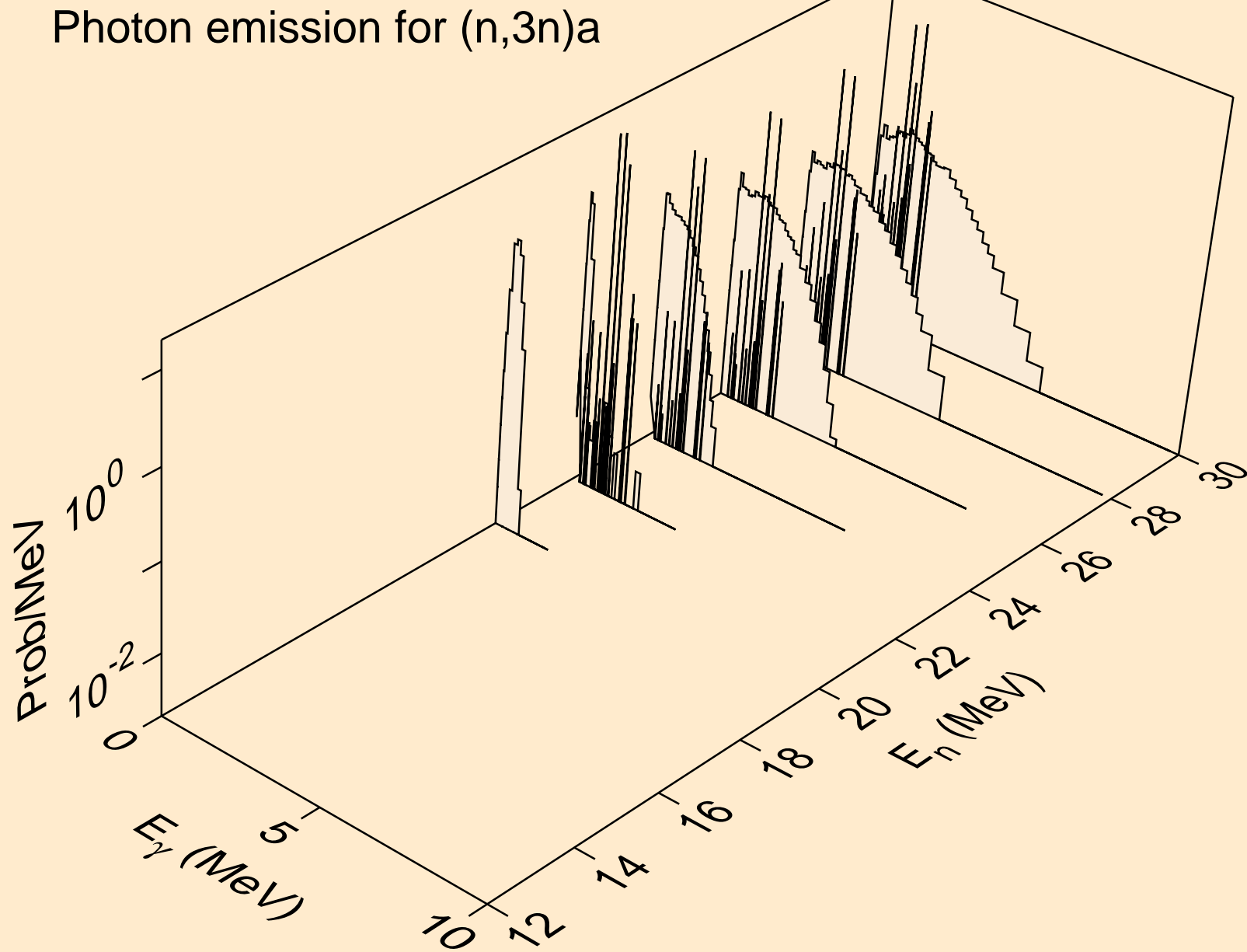
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



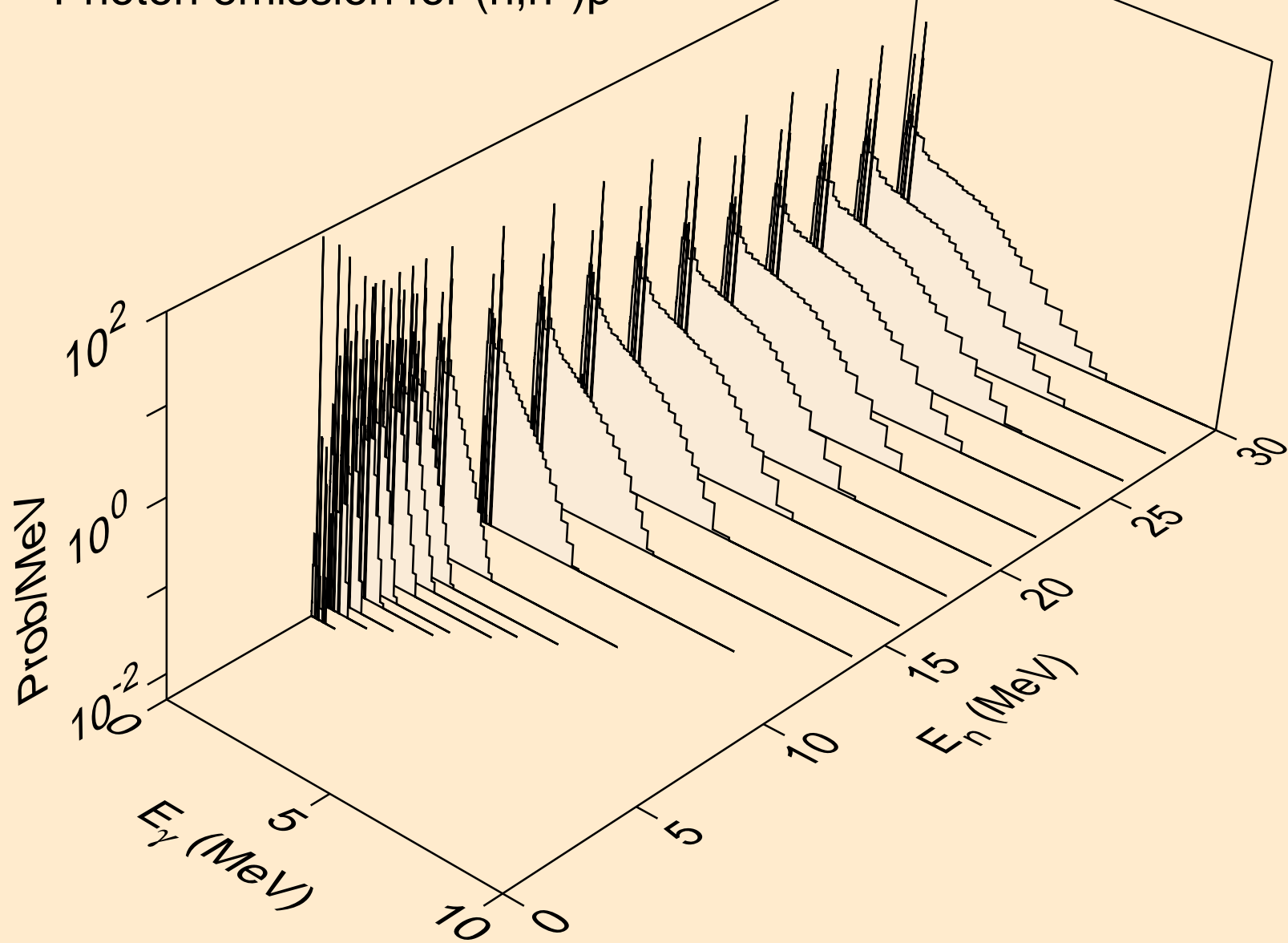
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

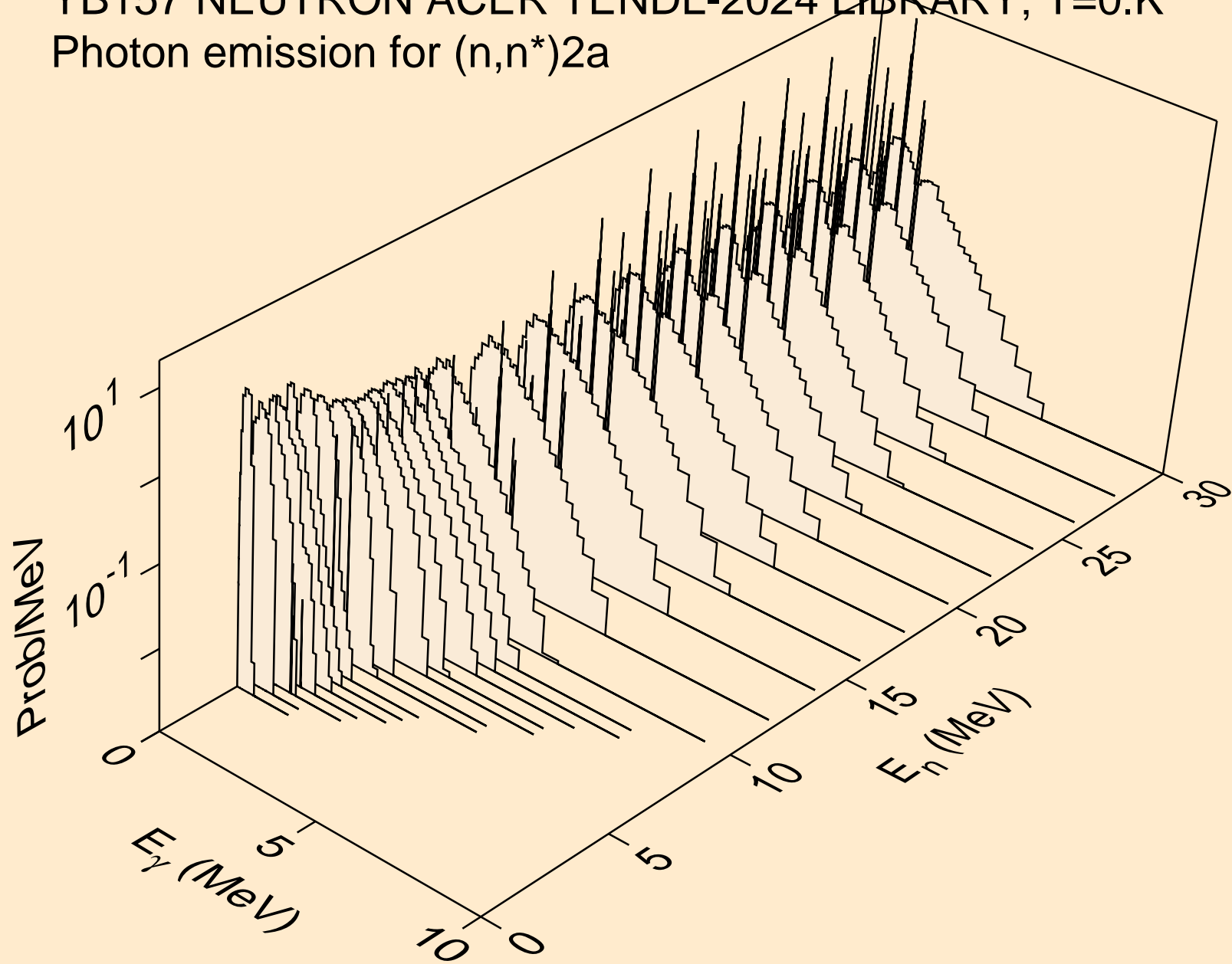


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

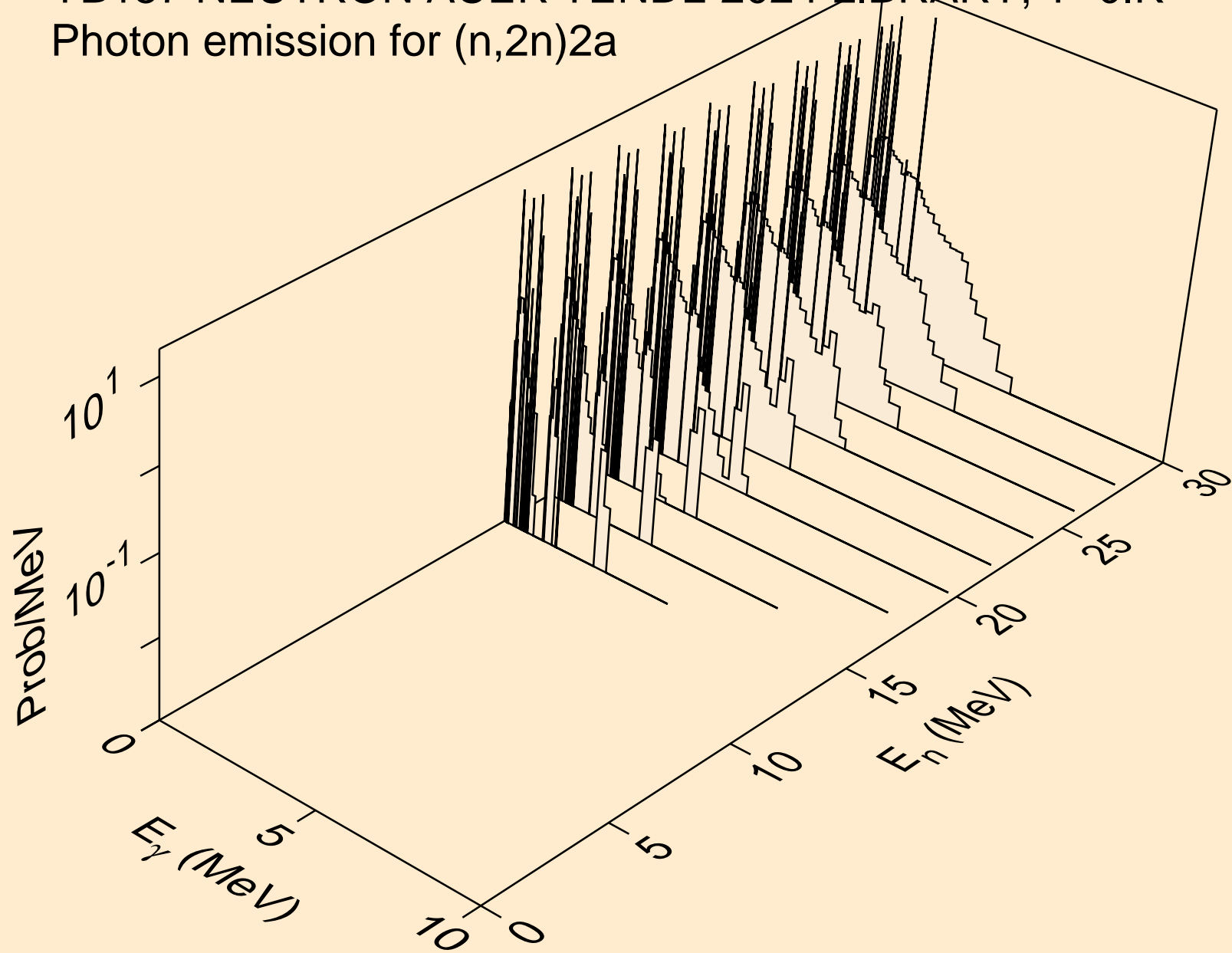




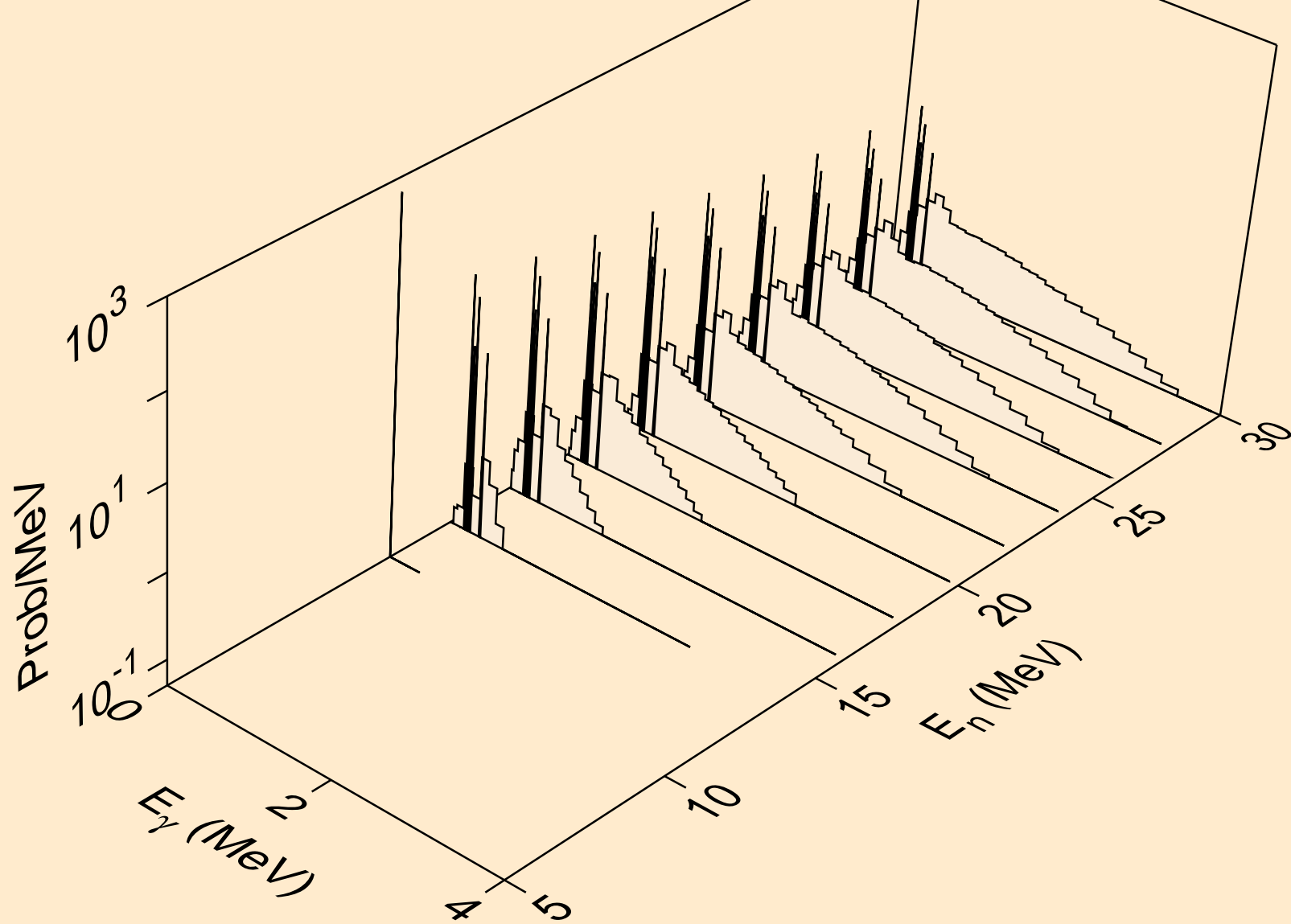
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



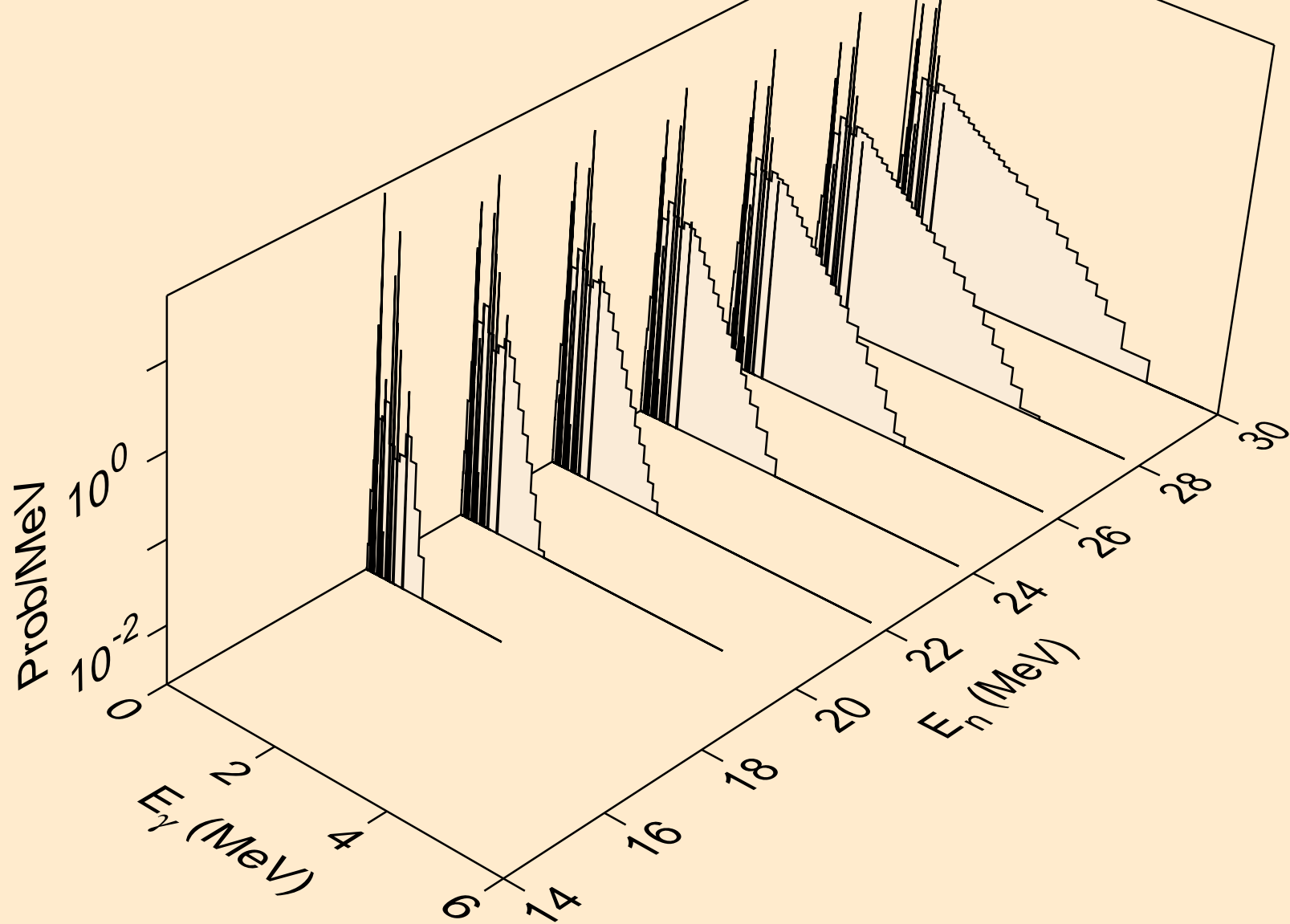
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



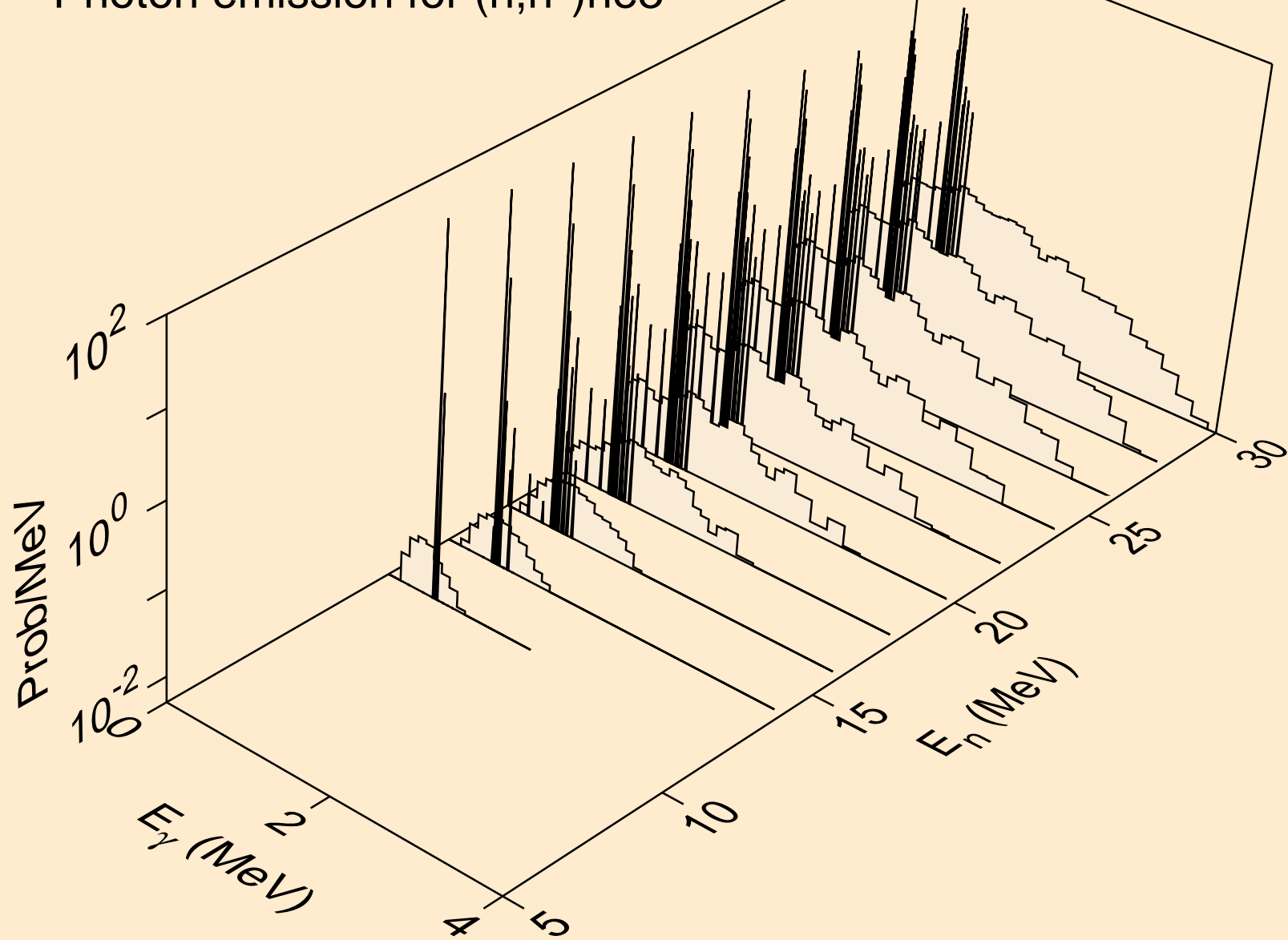
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



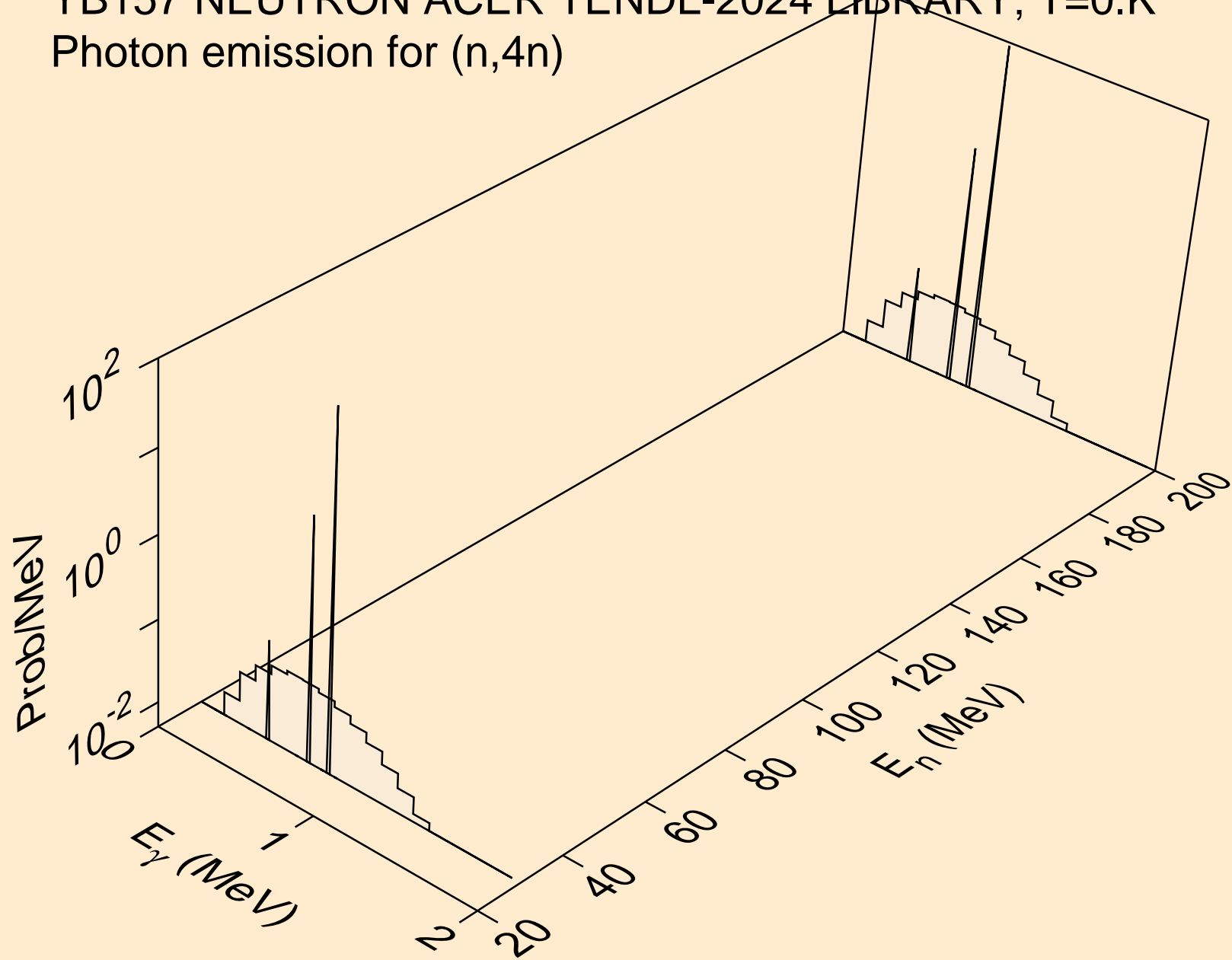
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



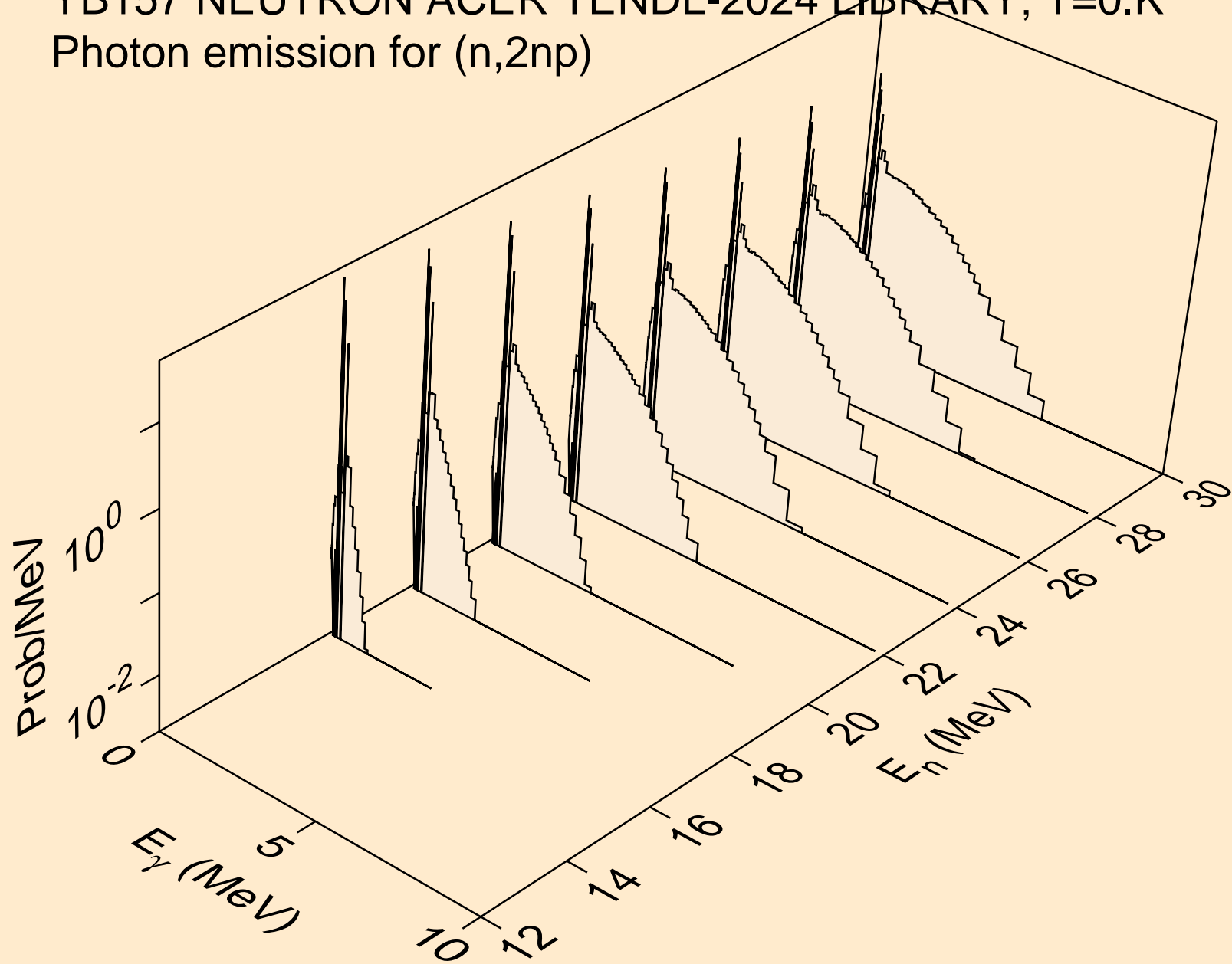
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



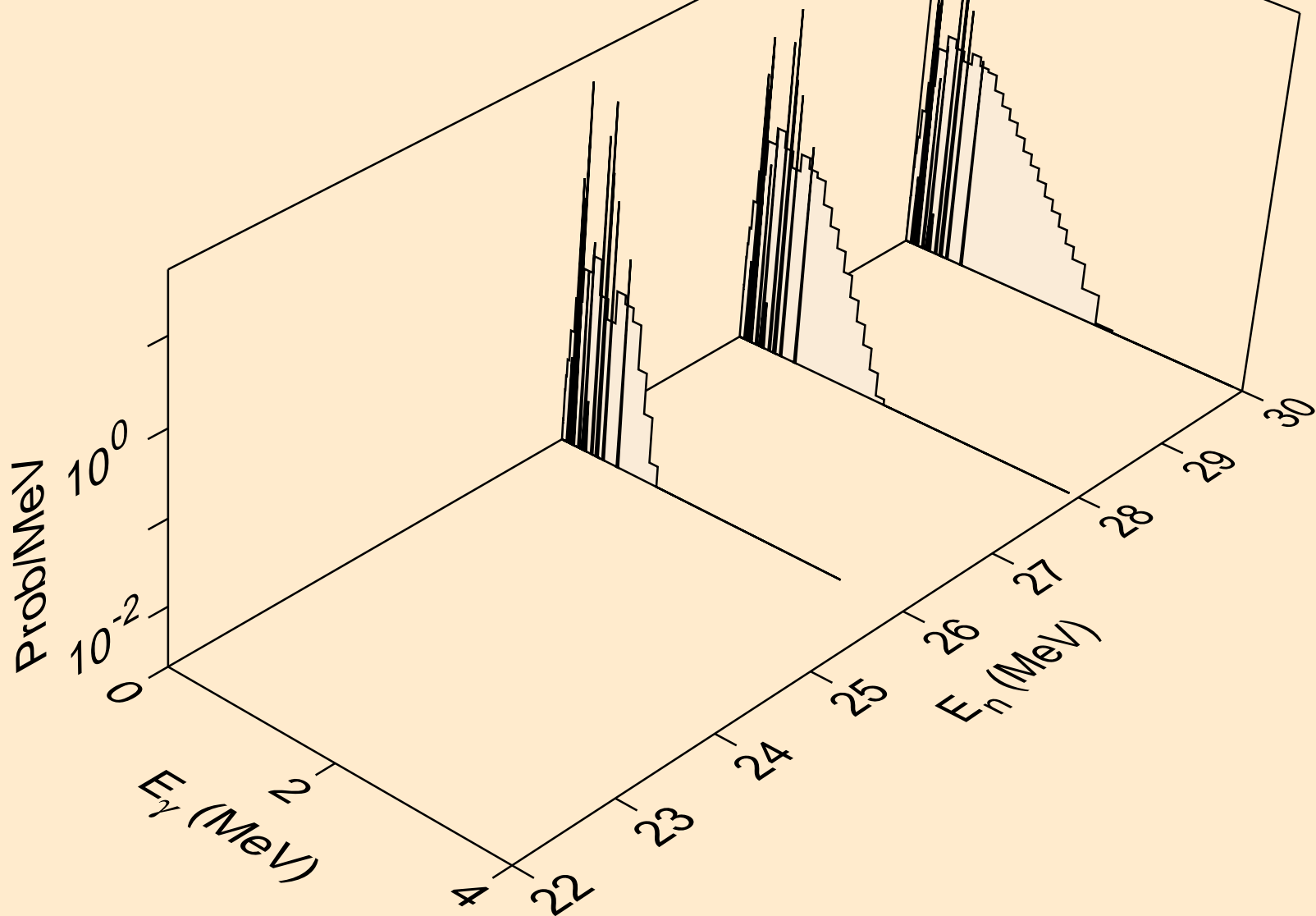
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

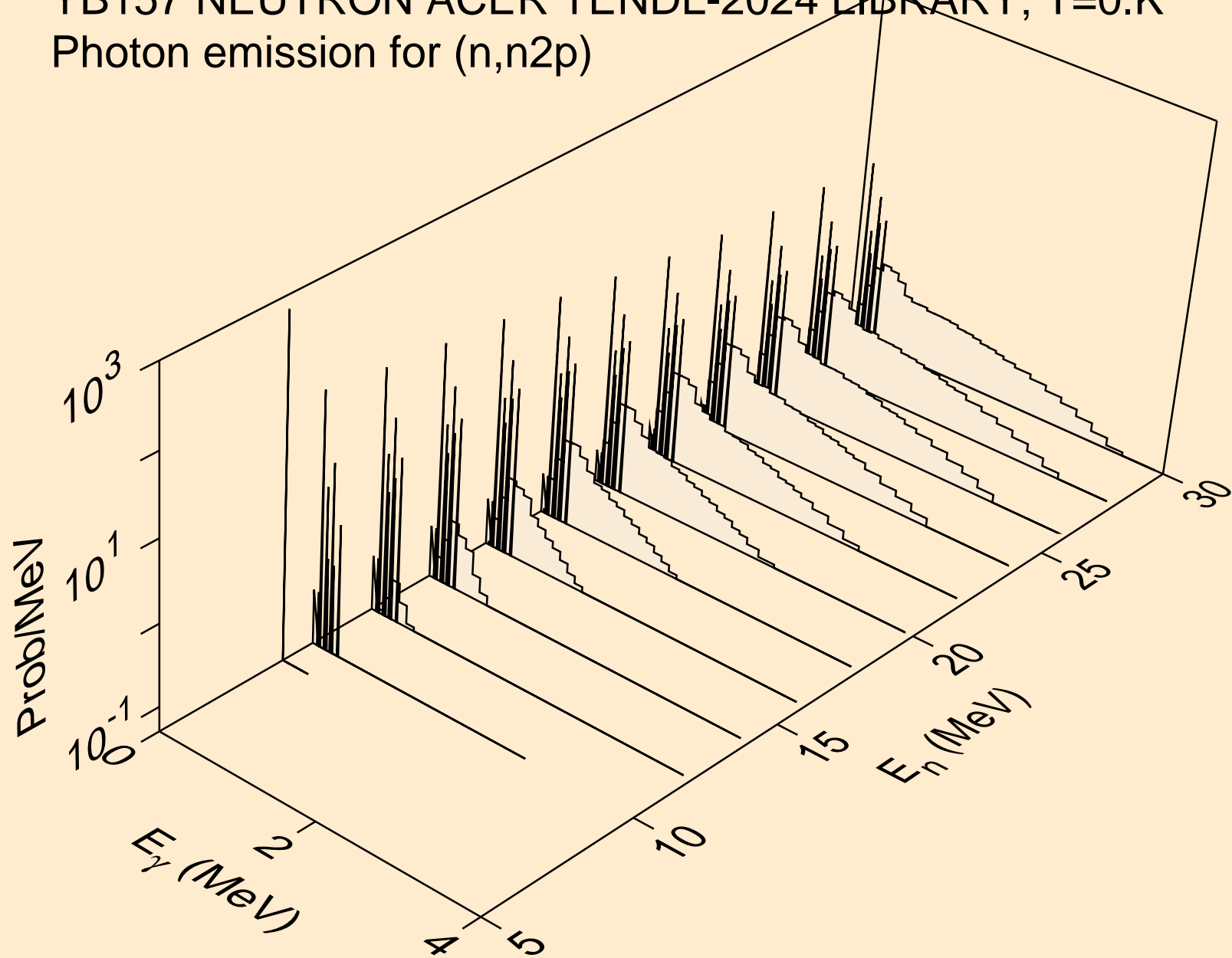


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

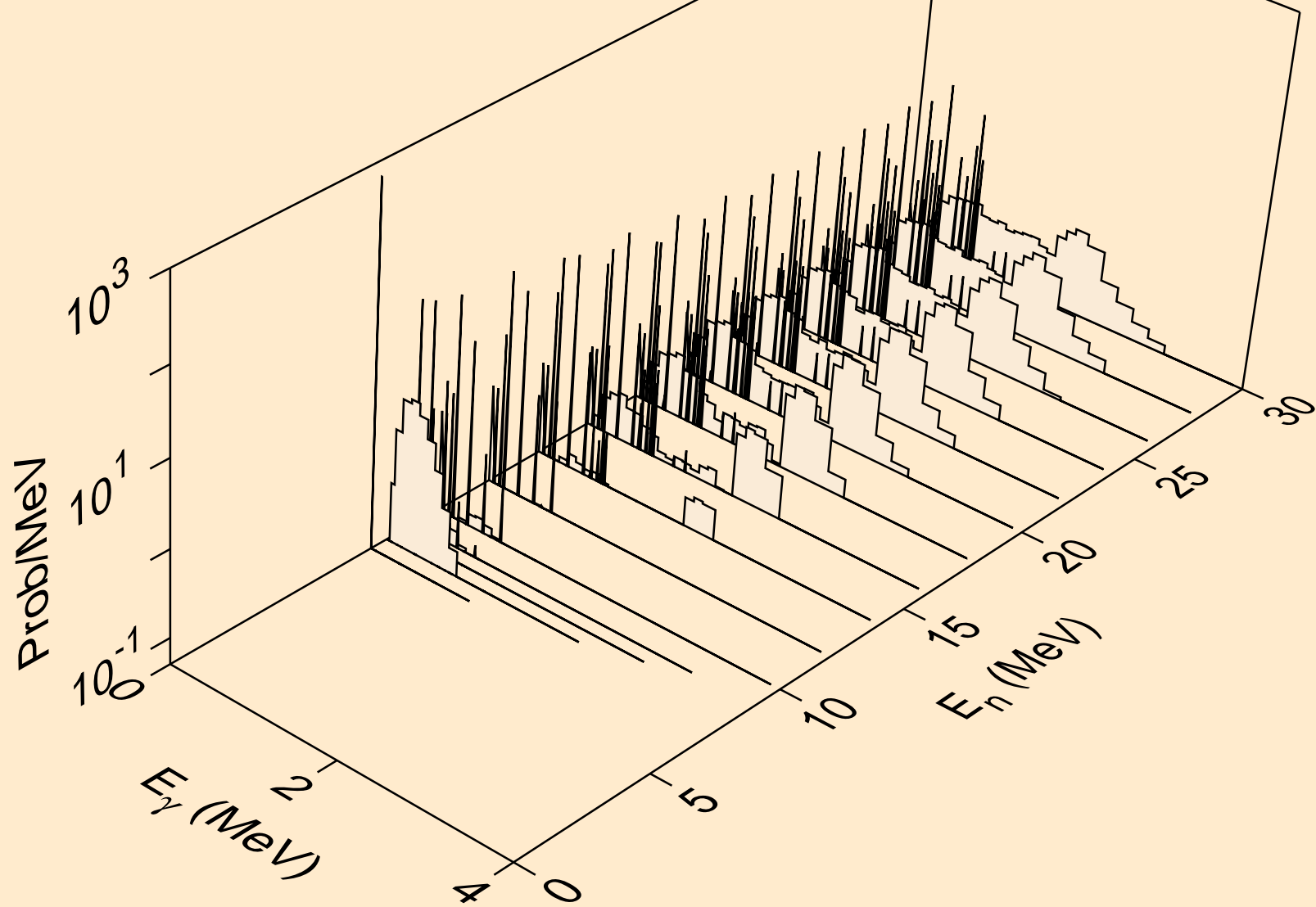




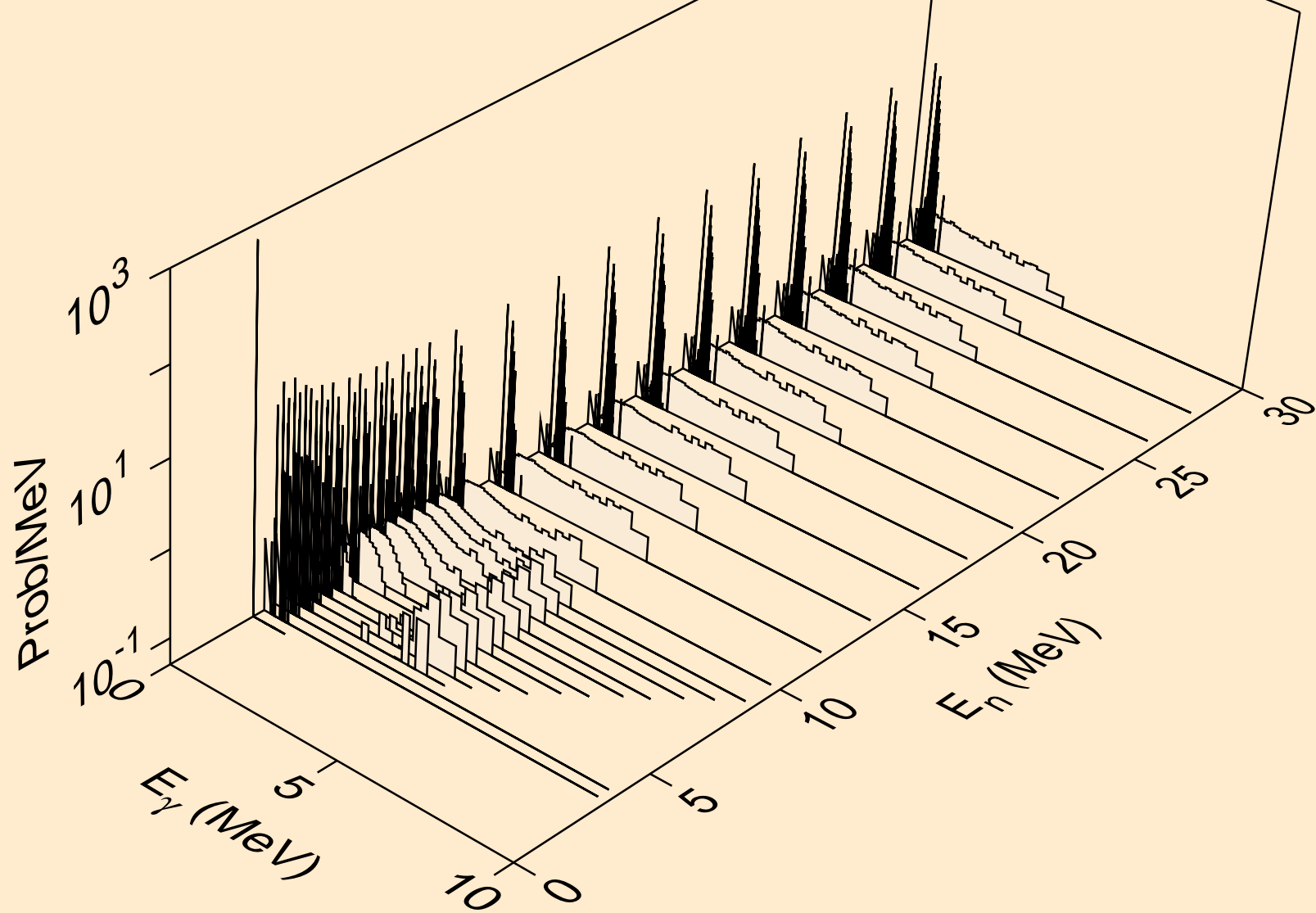
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



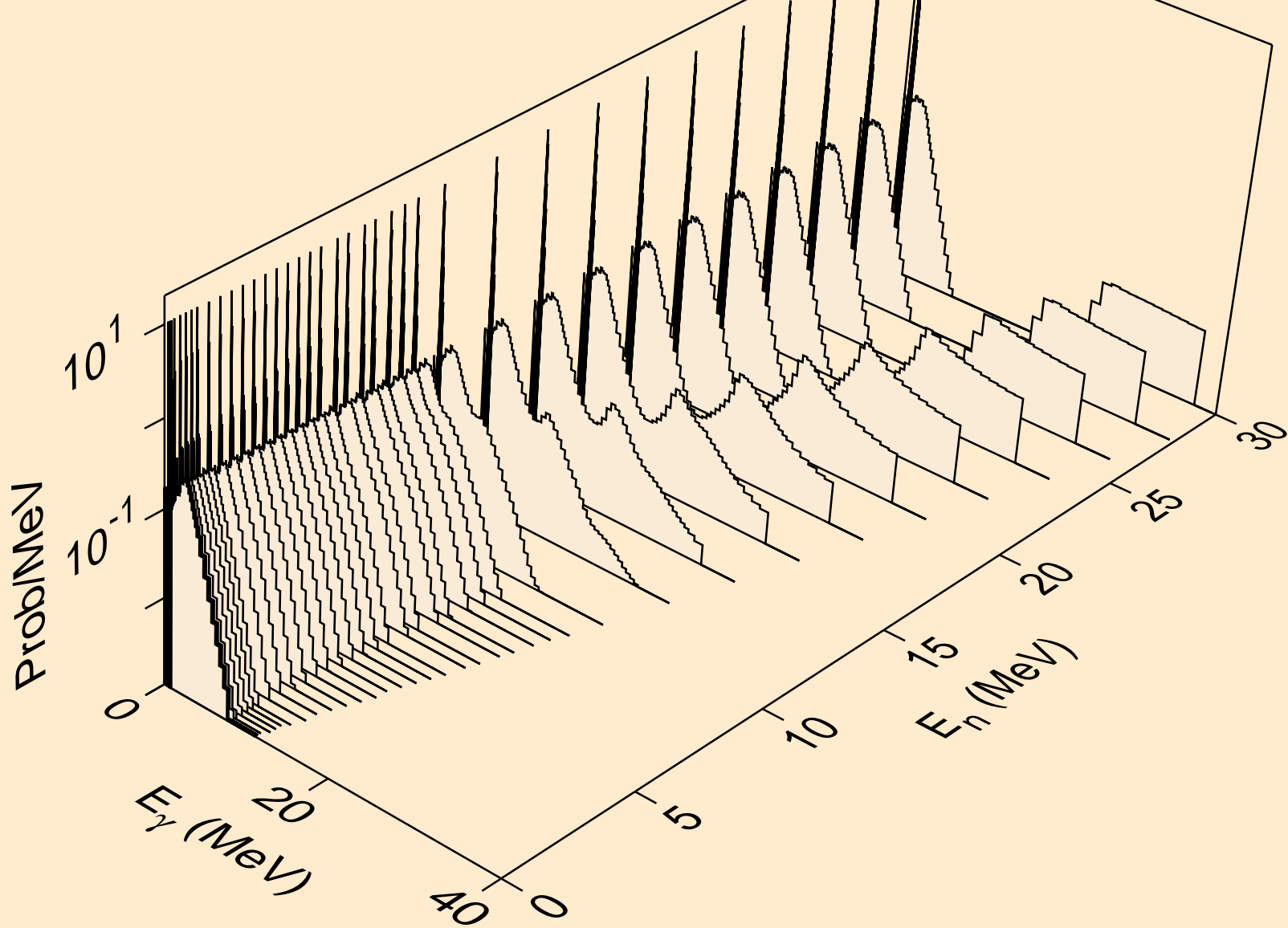
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Photon emission for (n,npa)



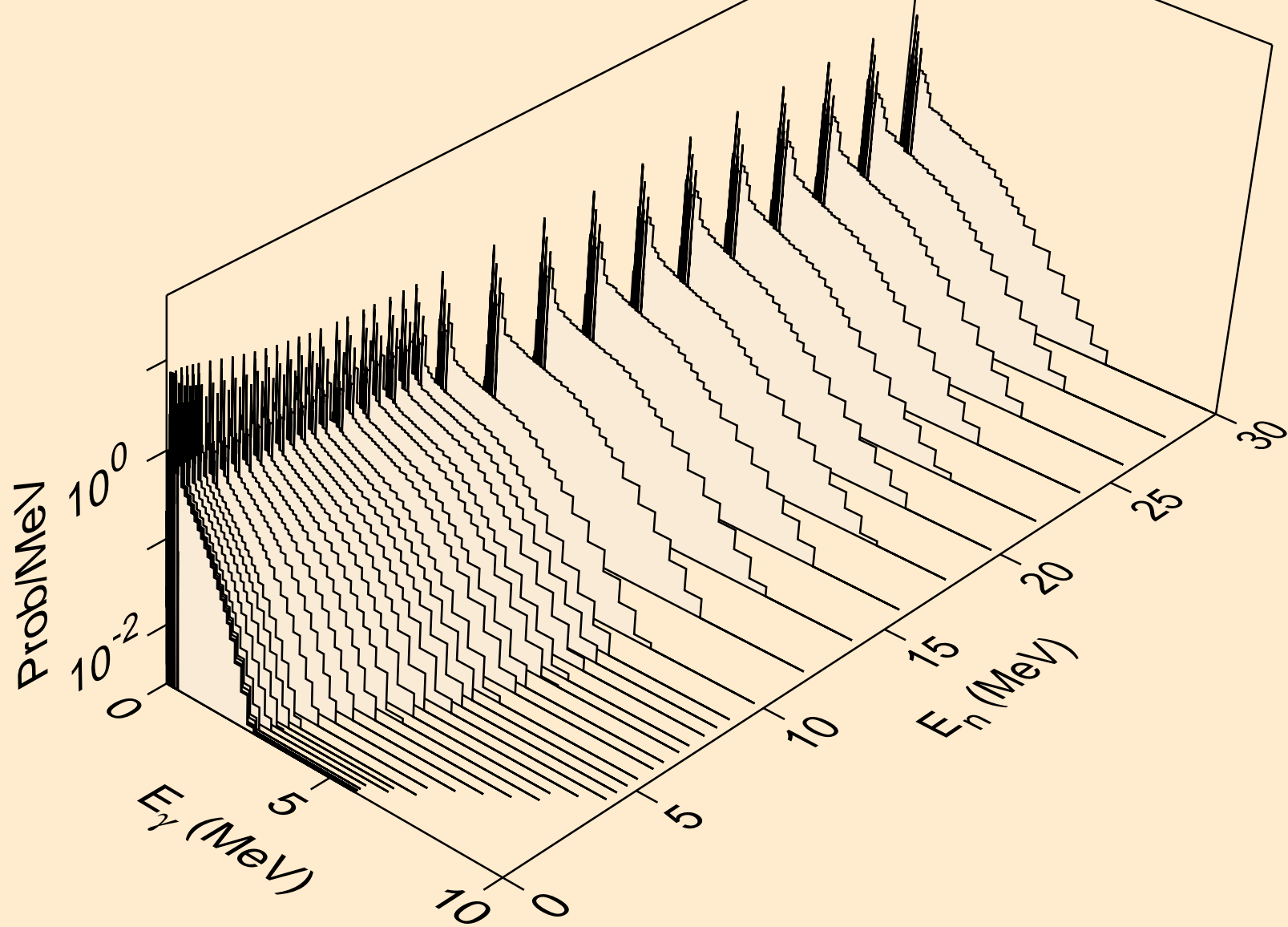
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



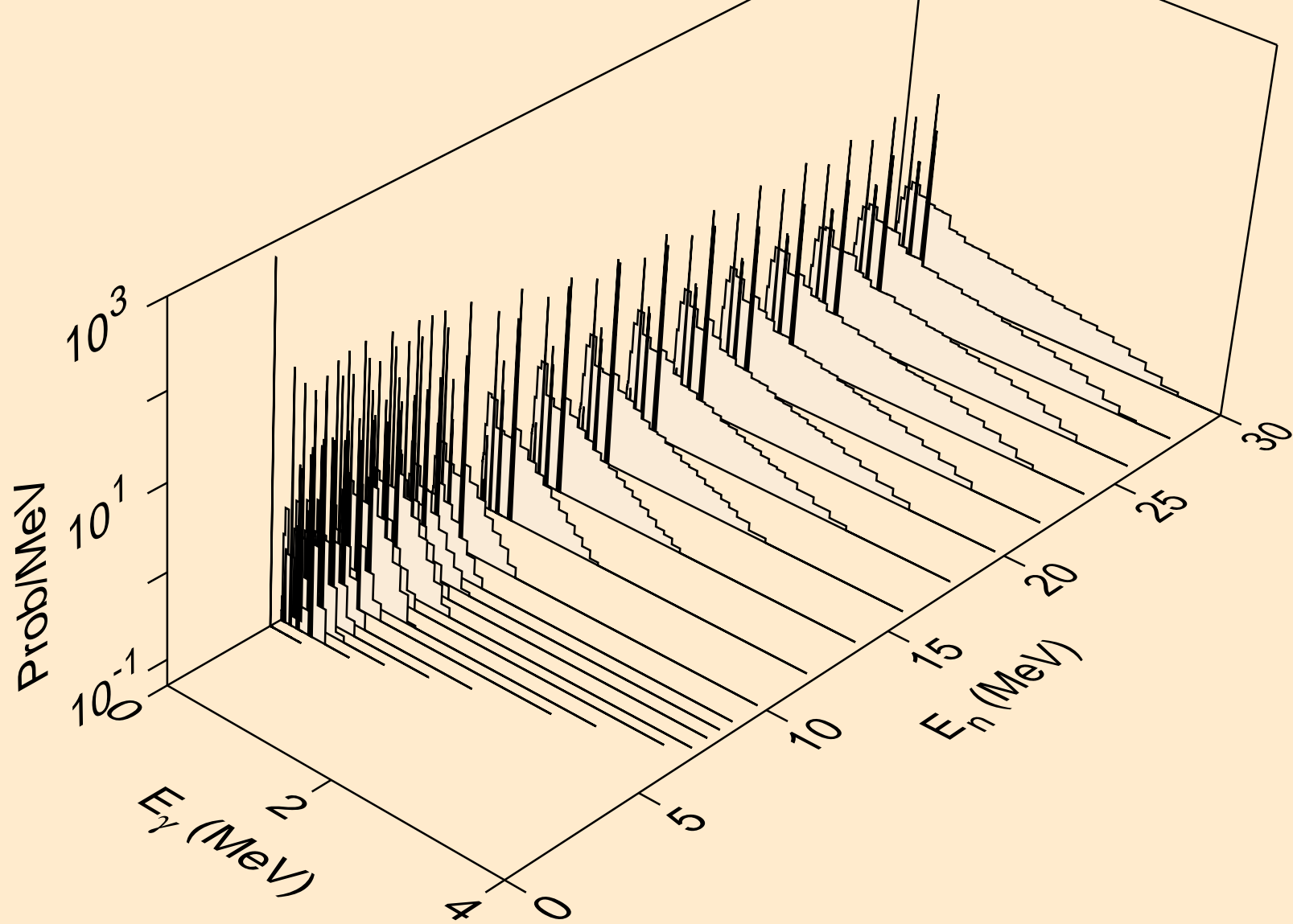
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Photon emission for (n,gma)



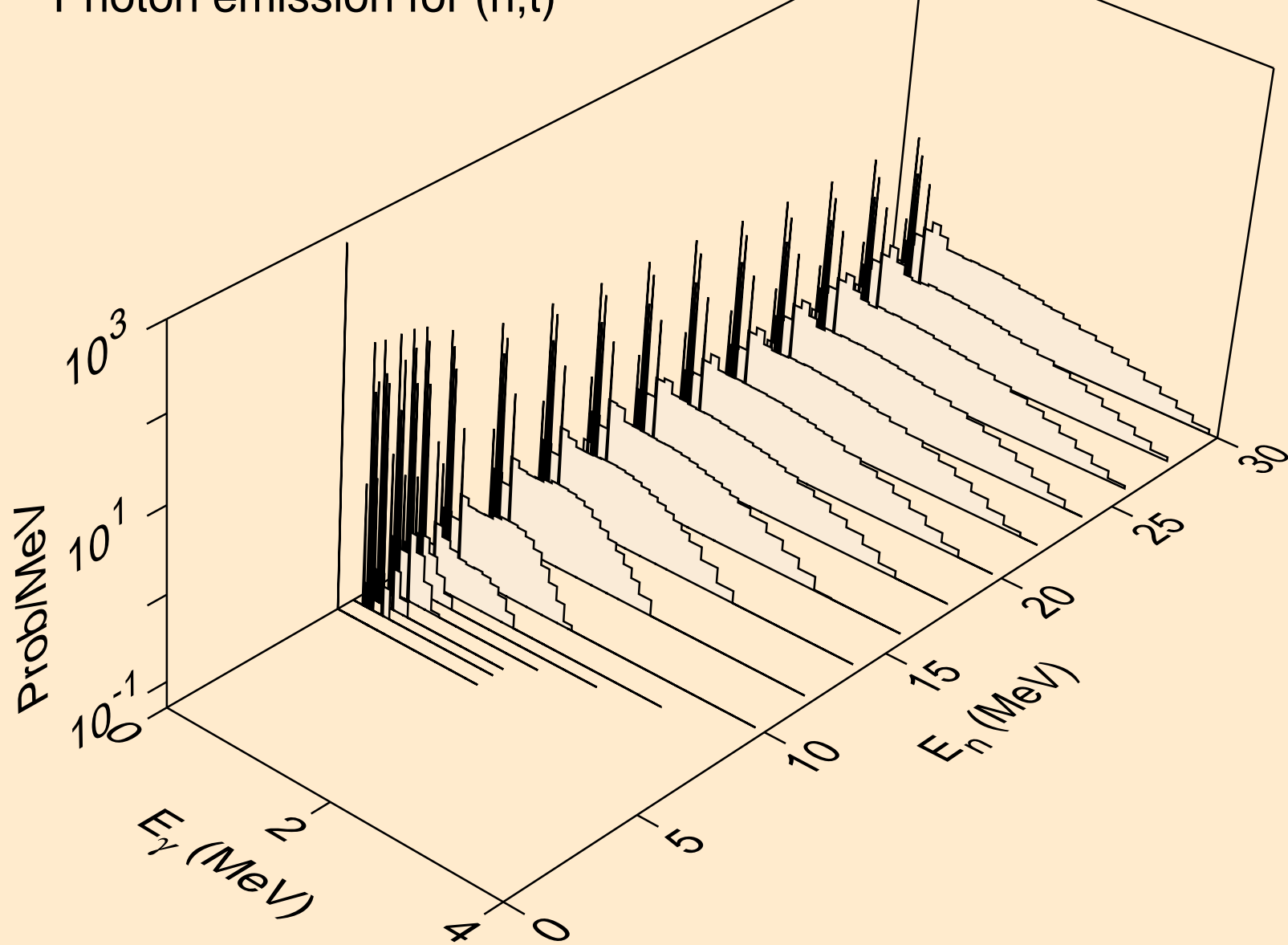
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Photon emission for (n,p)



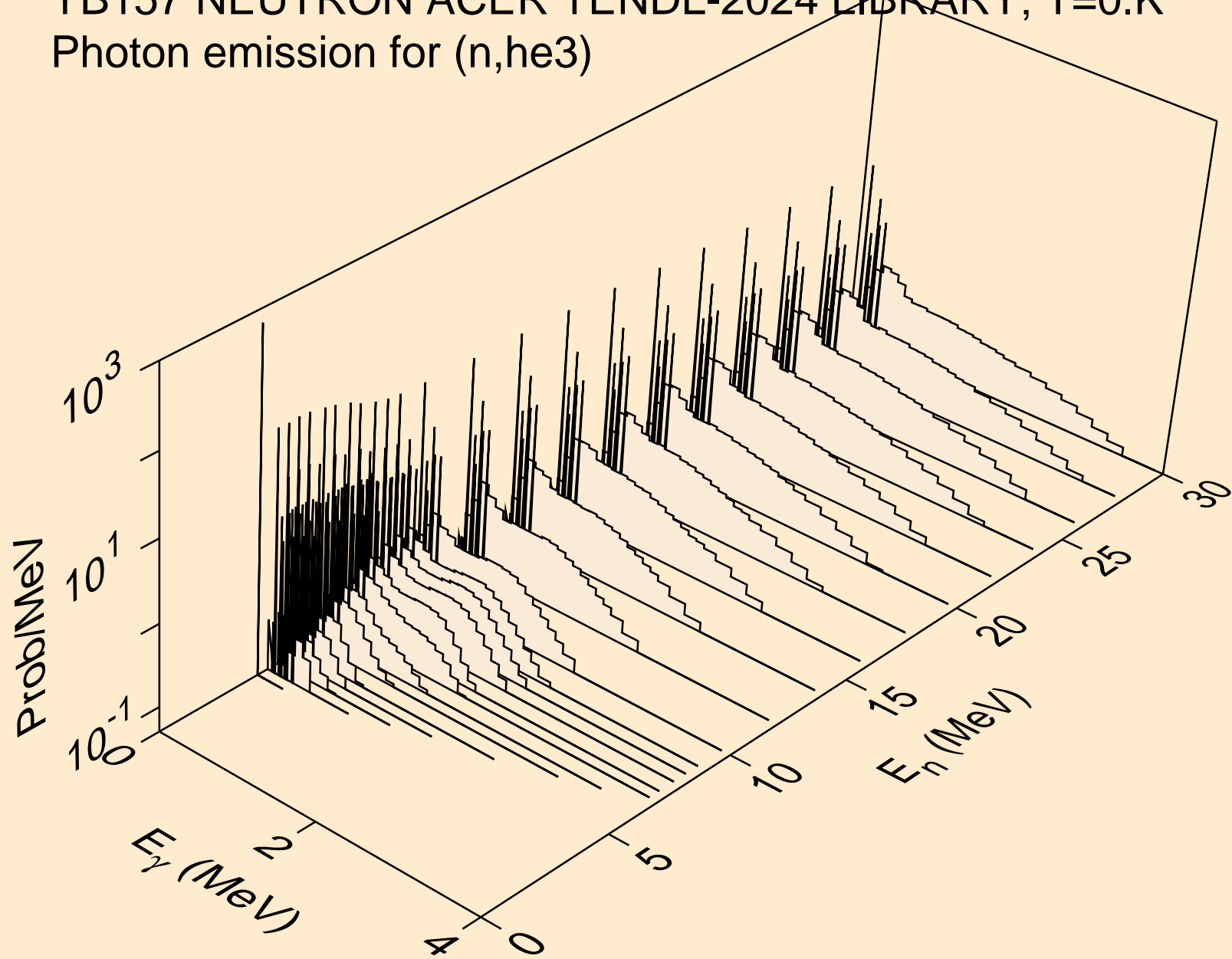
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

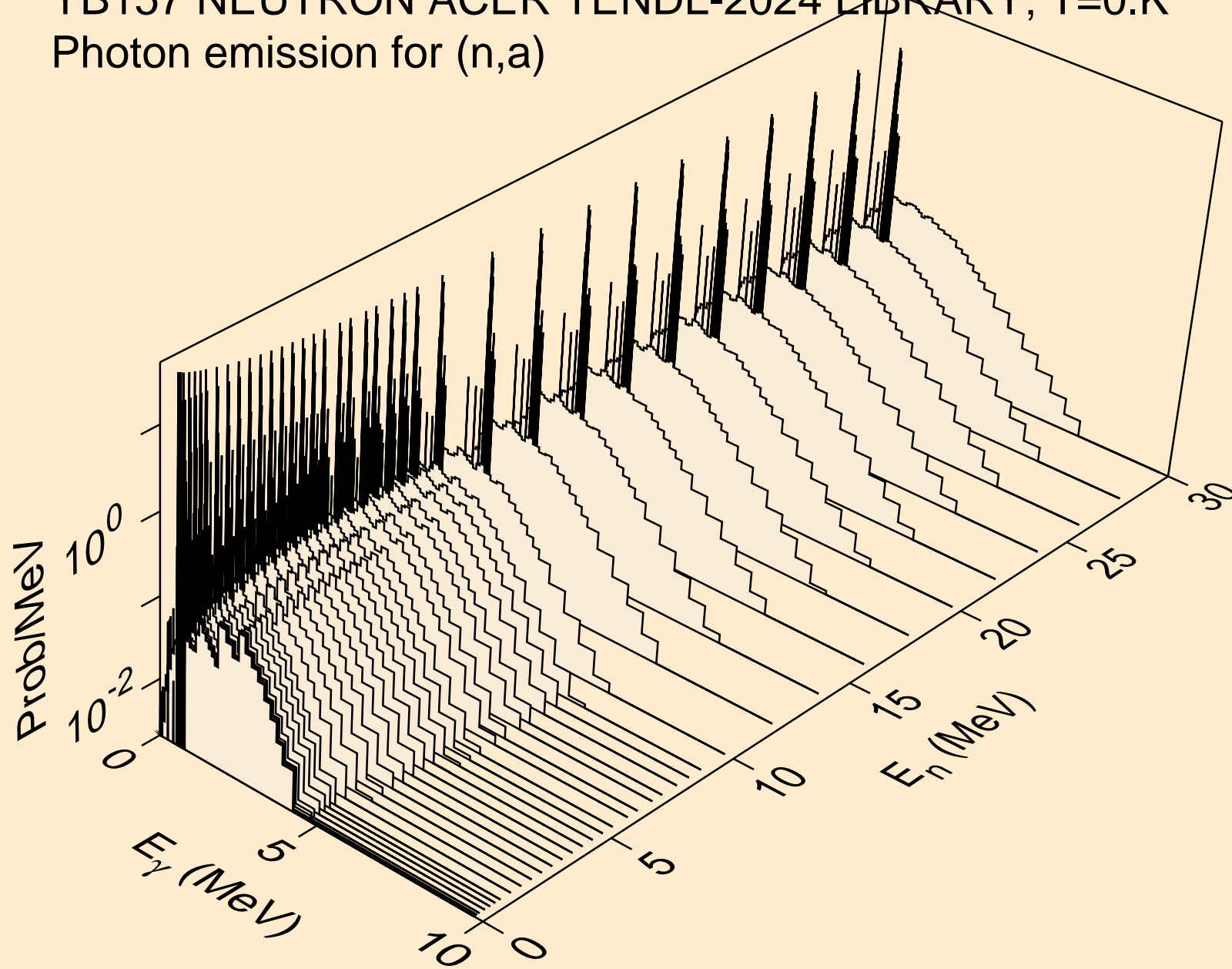


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Photon emission for (n,he3)

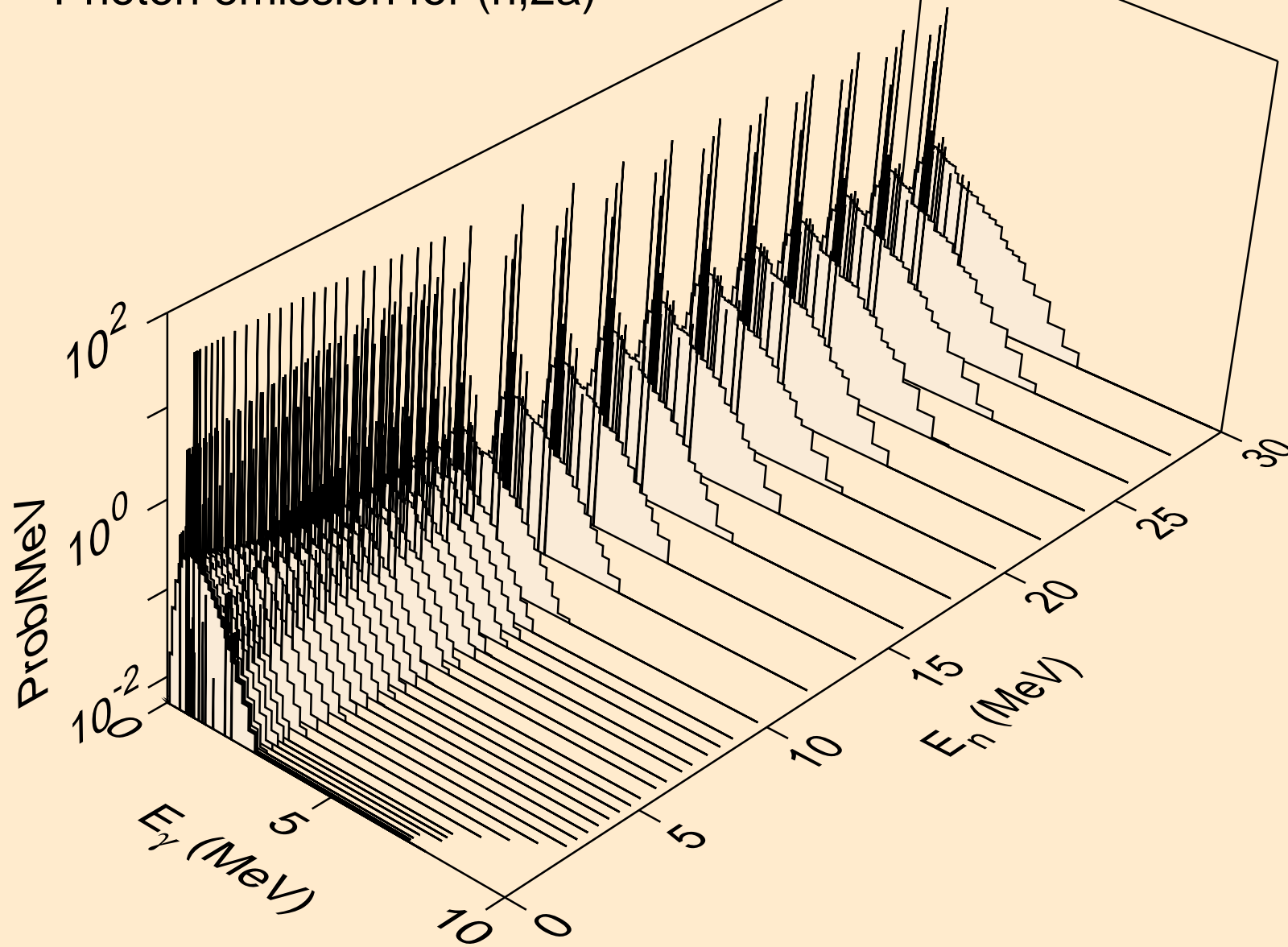




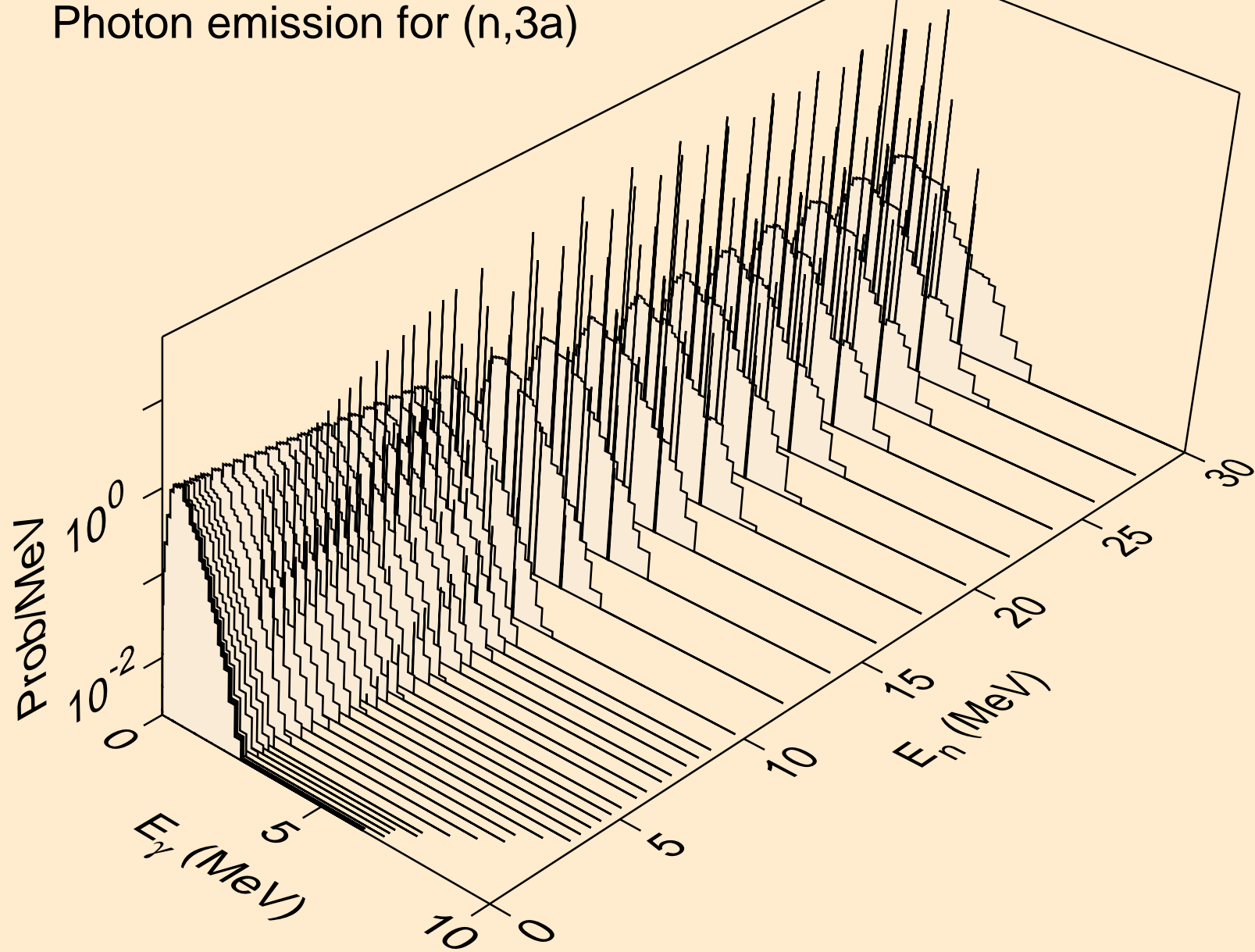
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



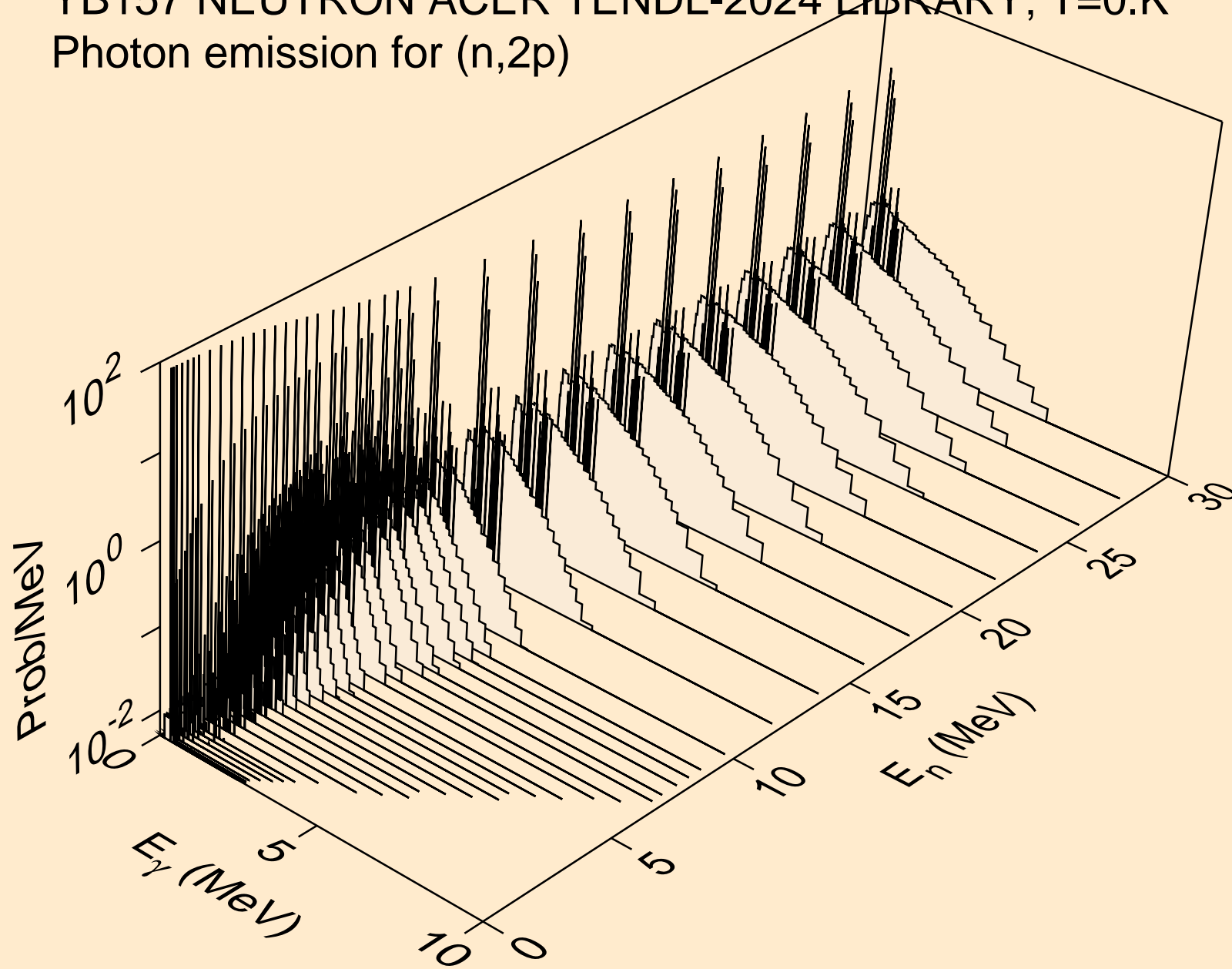
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



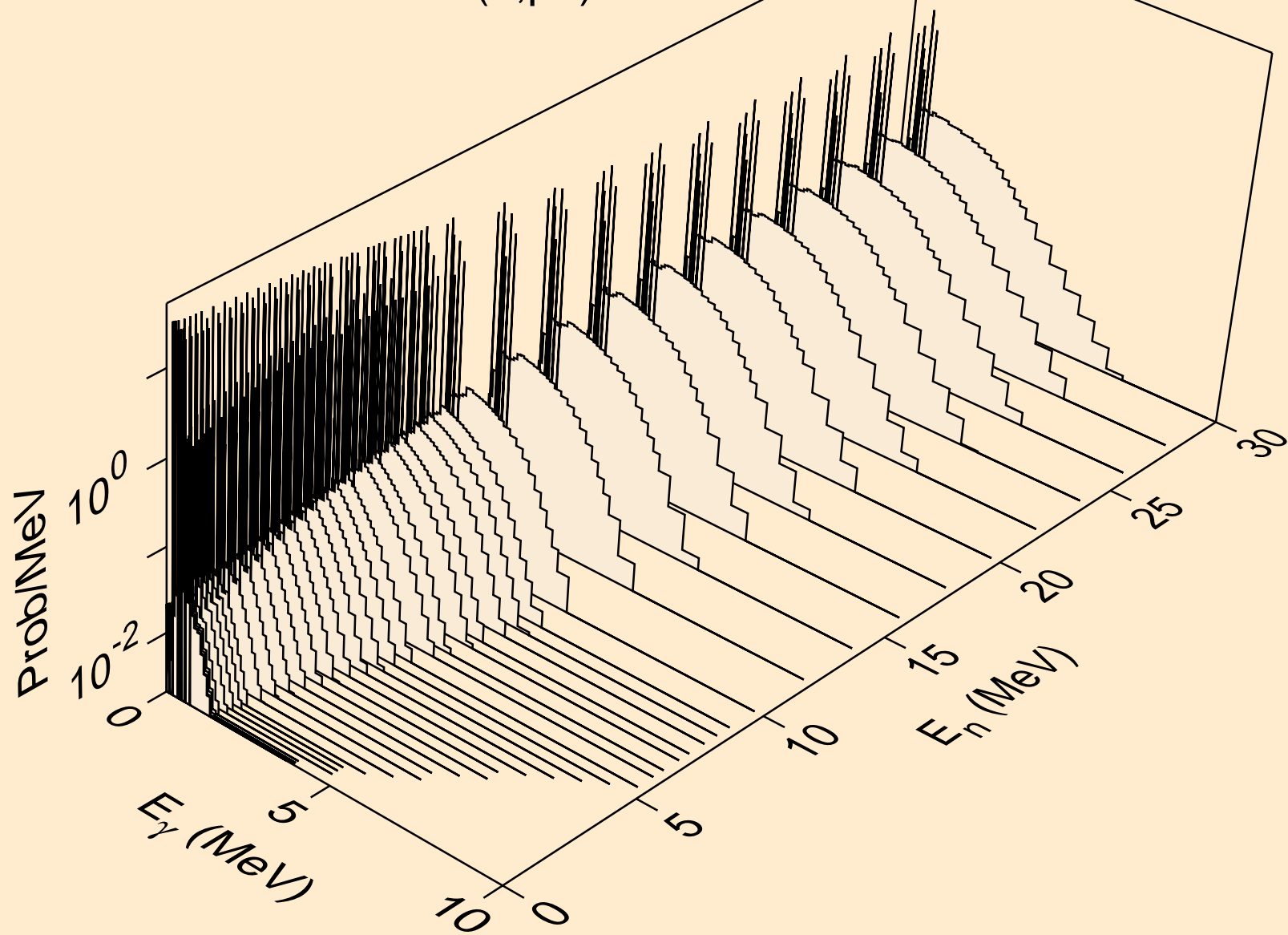
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



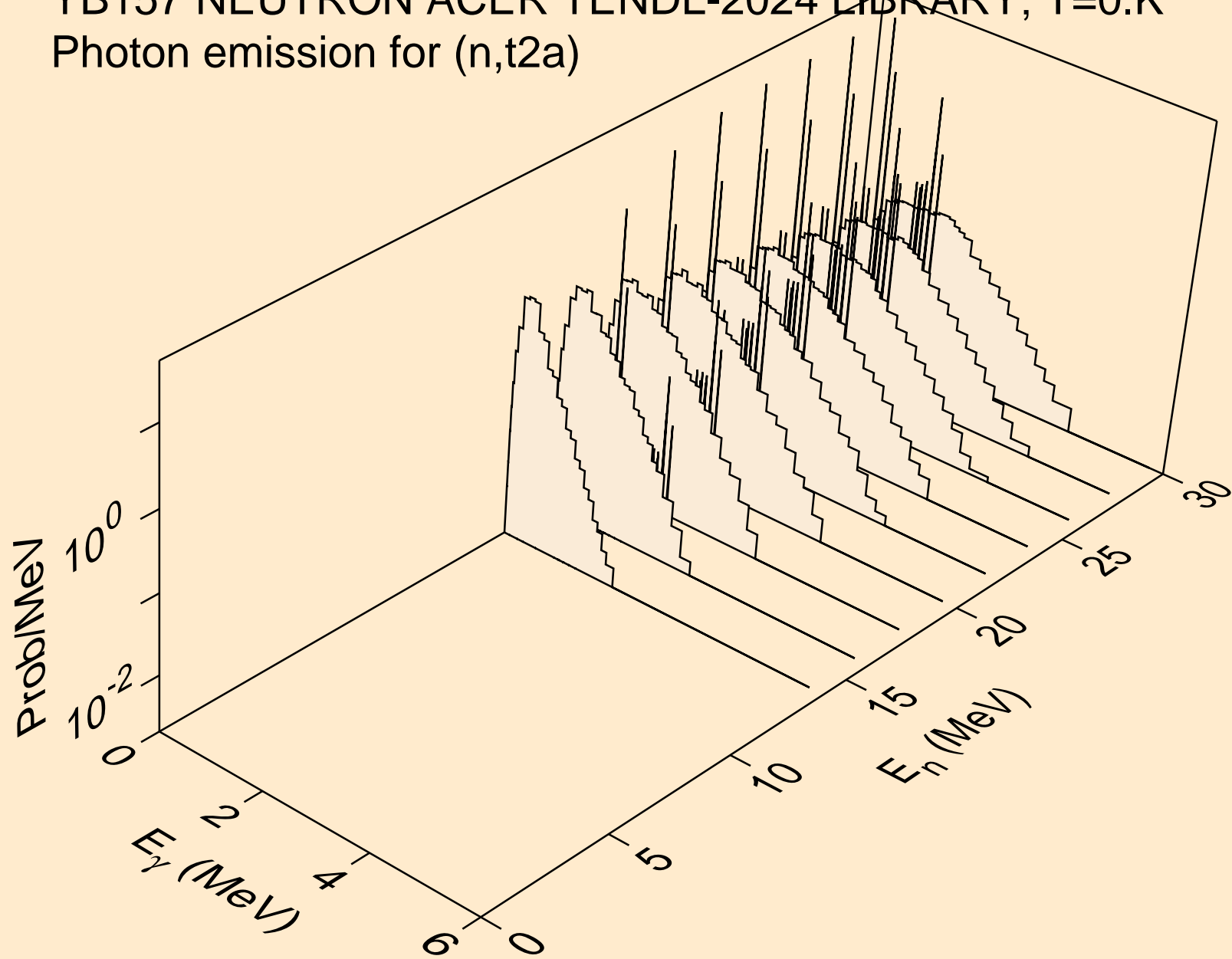
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



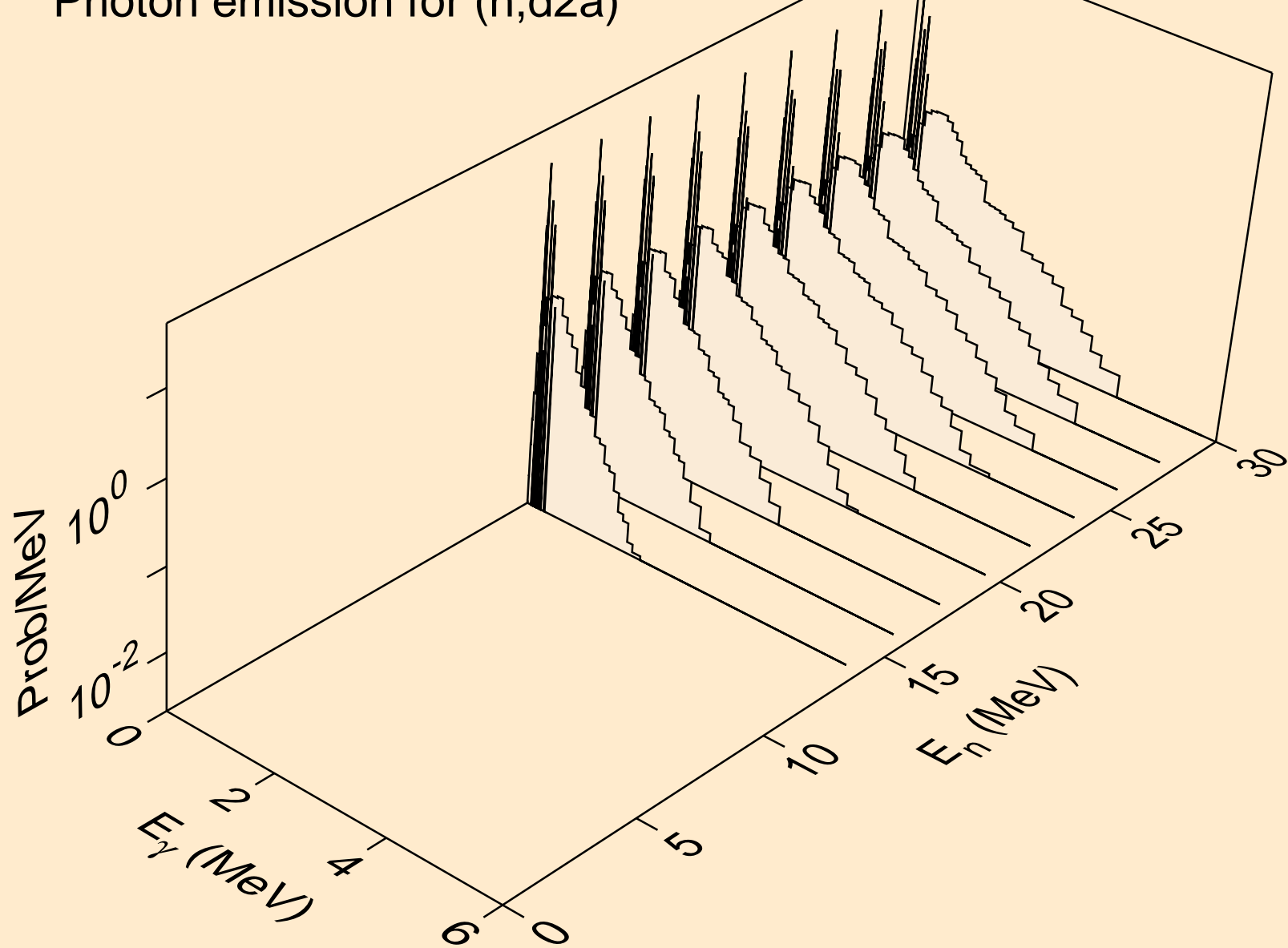
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Photon emission for (n,p $\alpha$ )



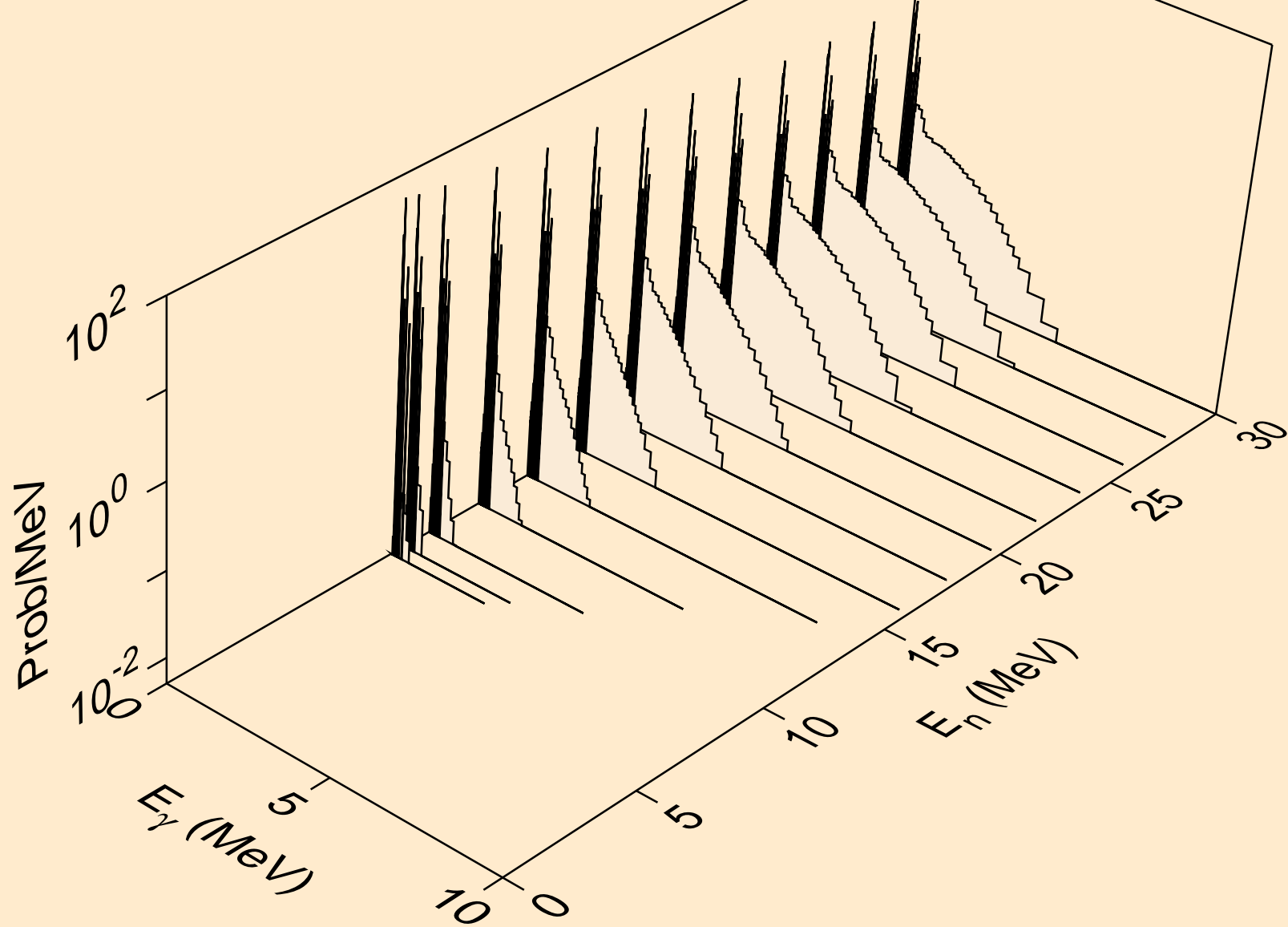
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t2a)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

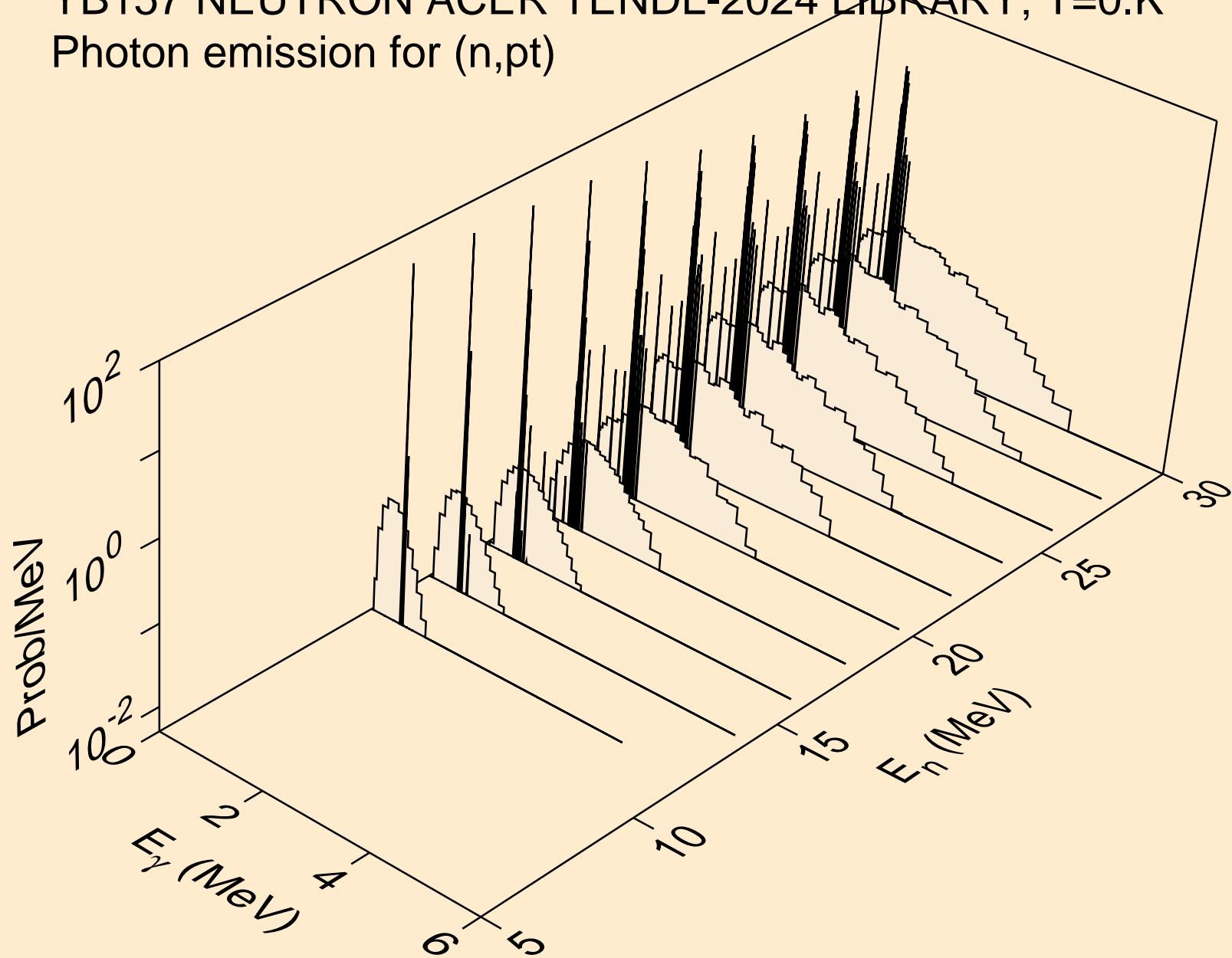


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

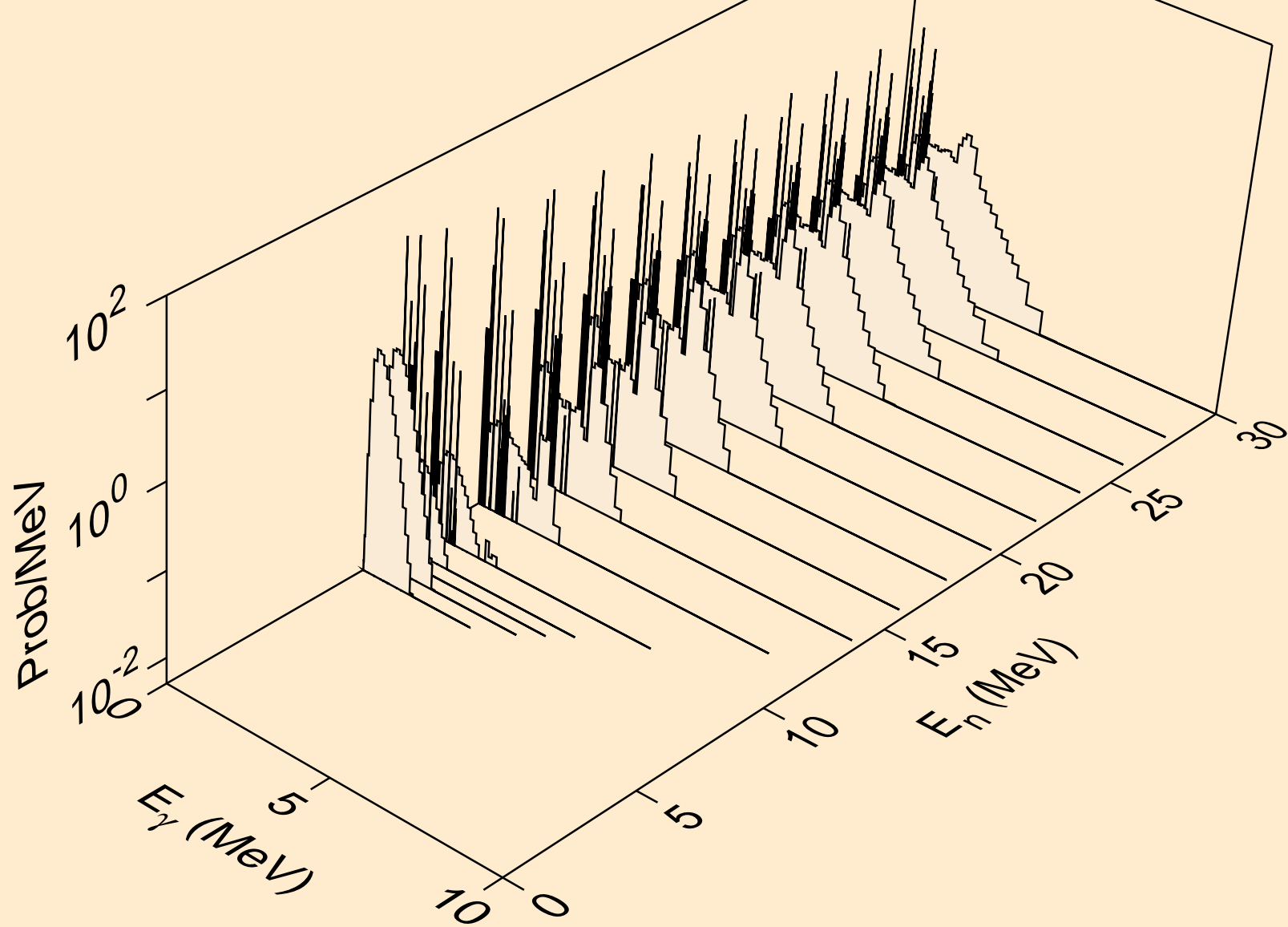




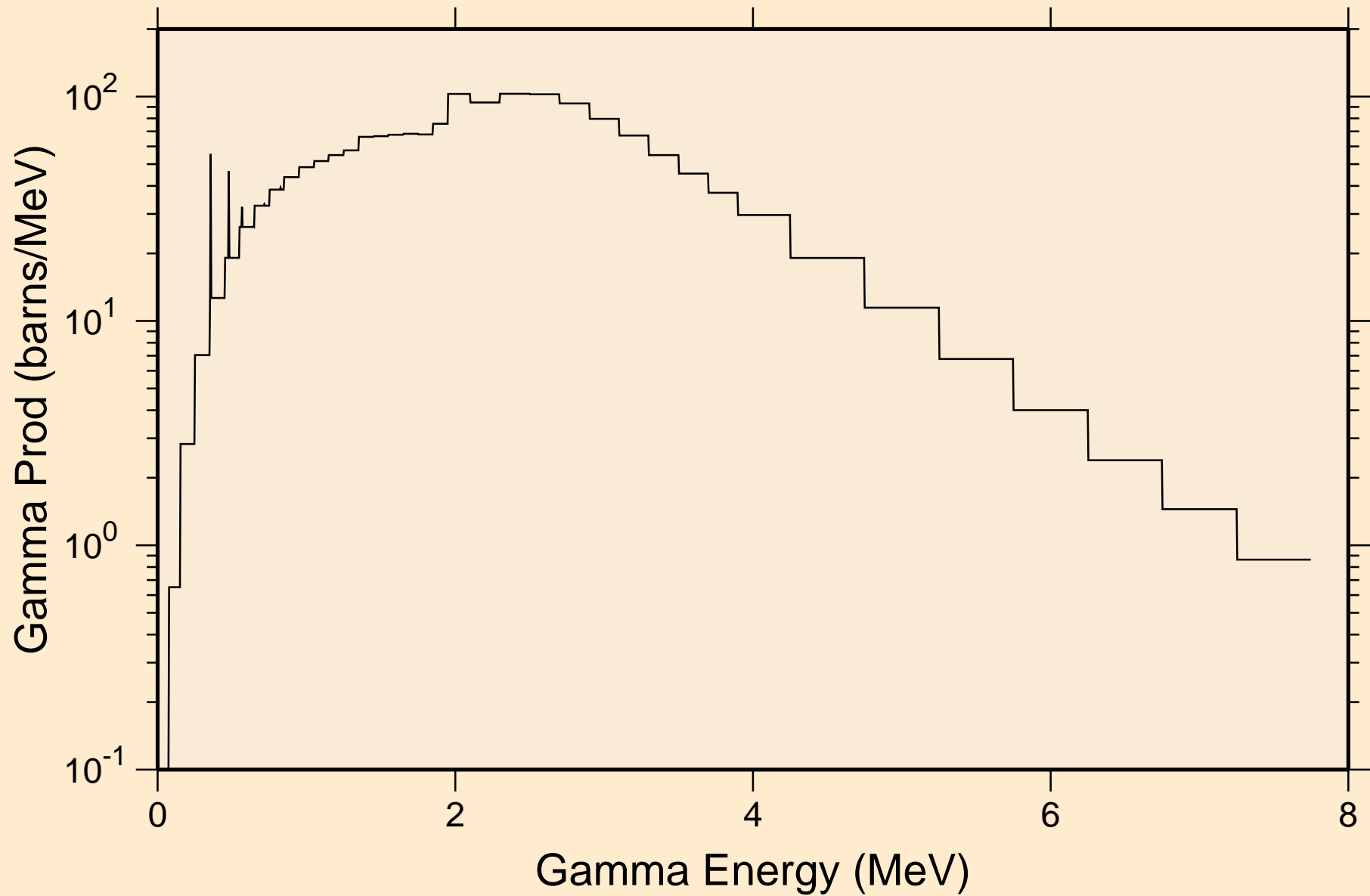
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



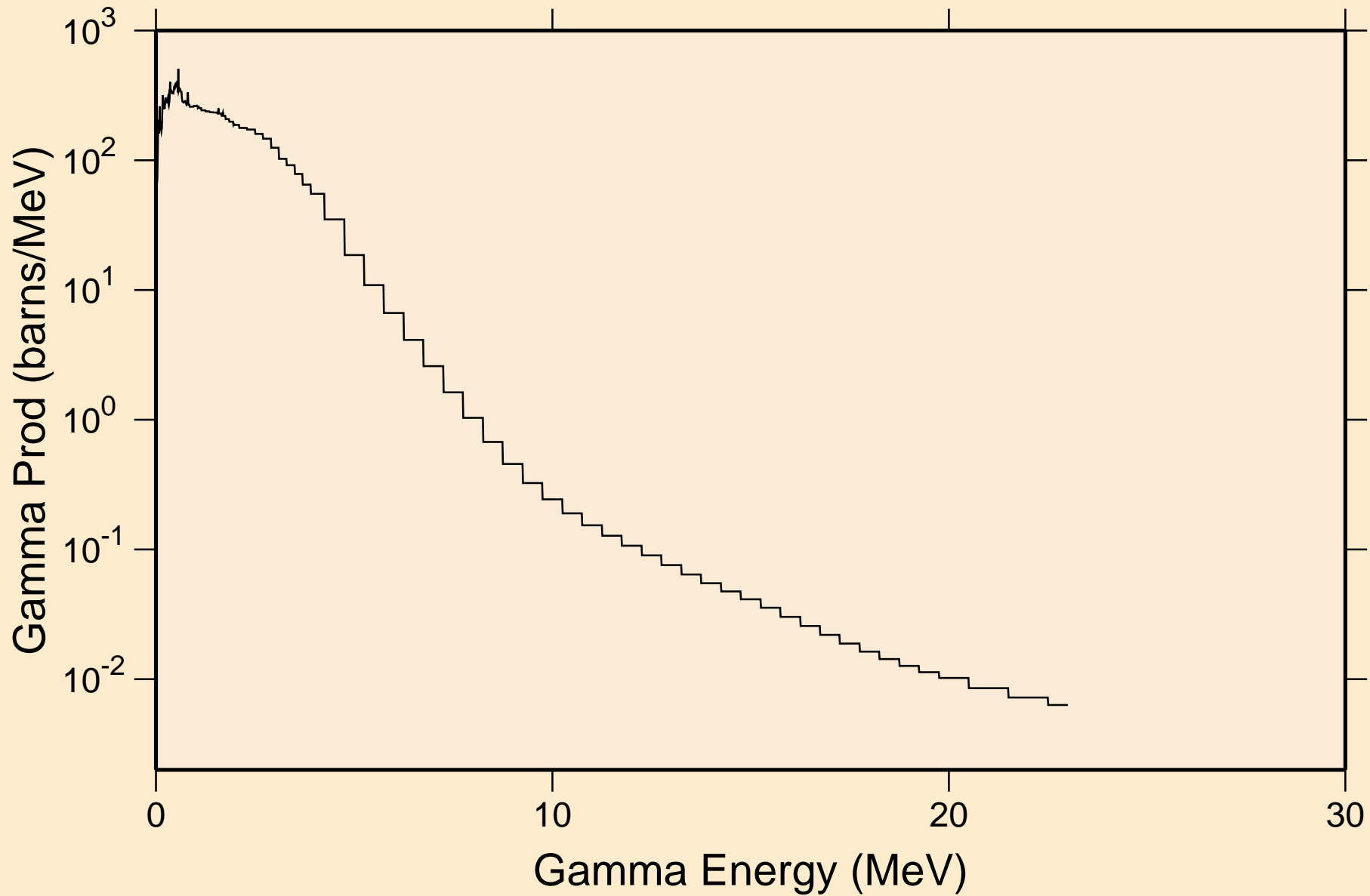
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

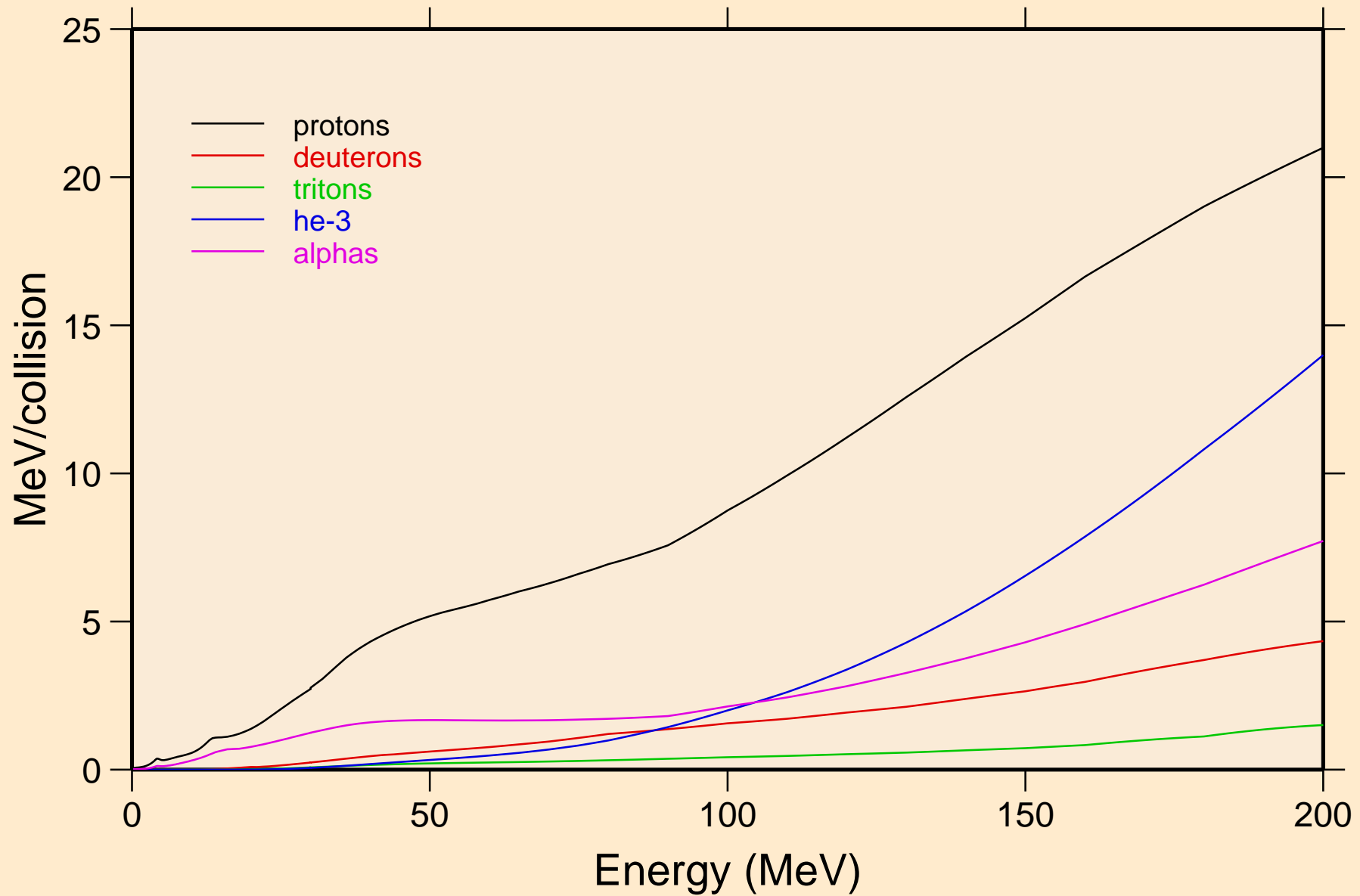


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

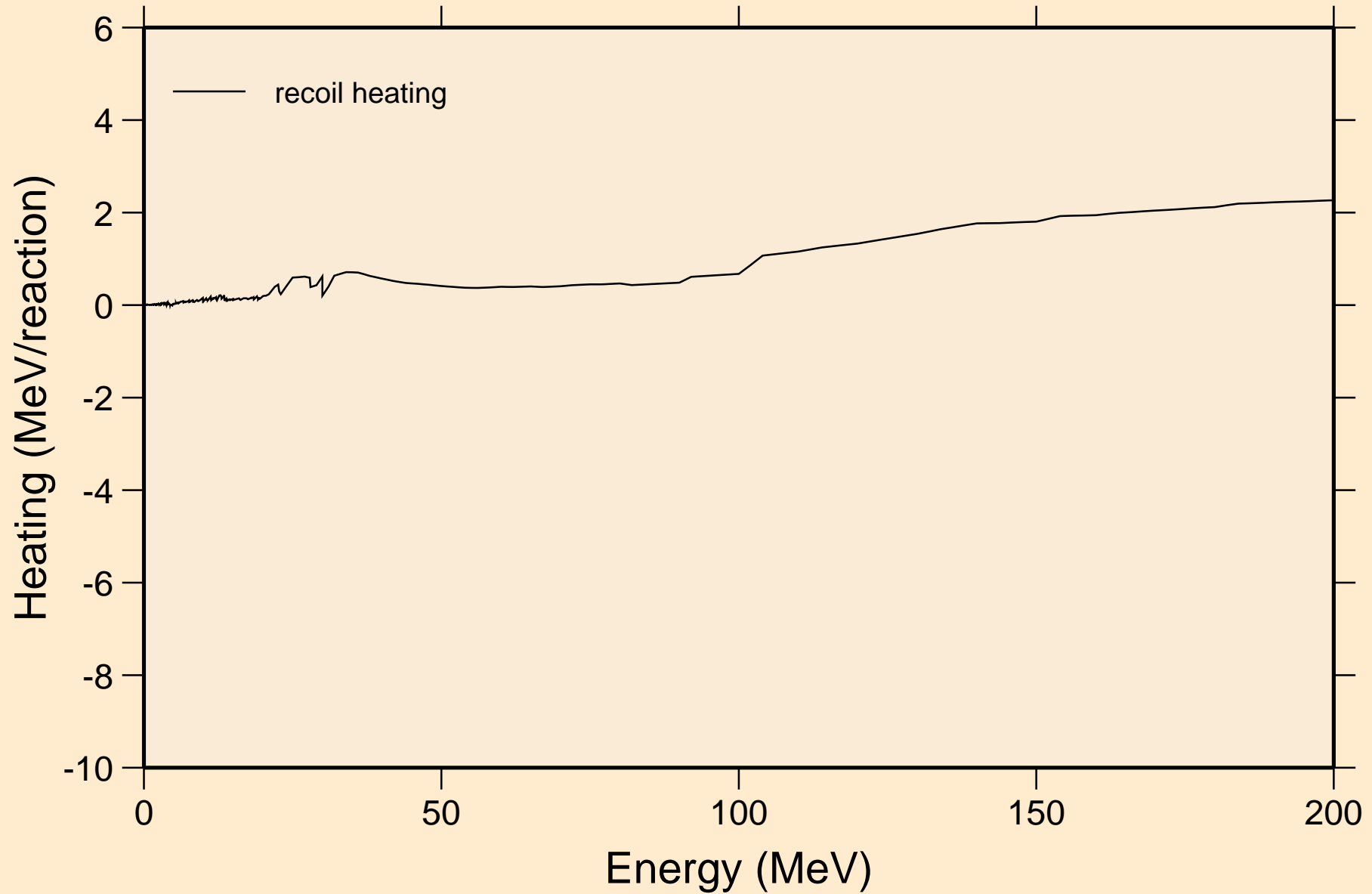


# YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

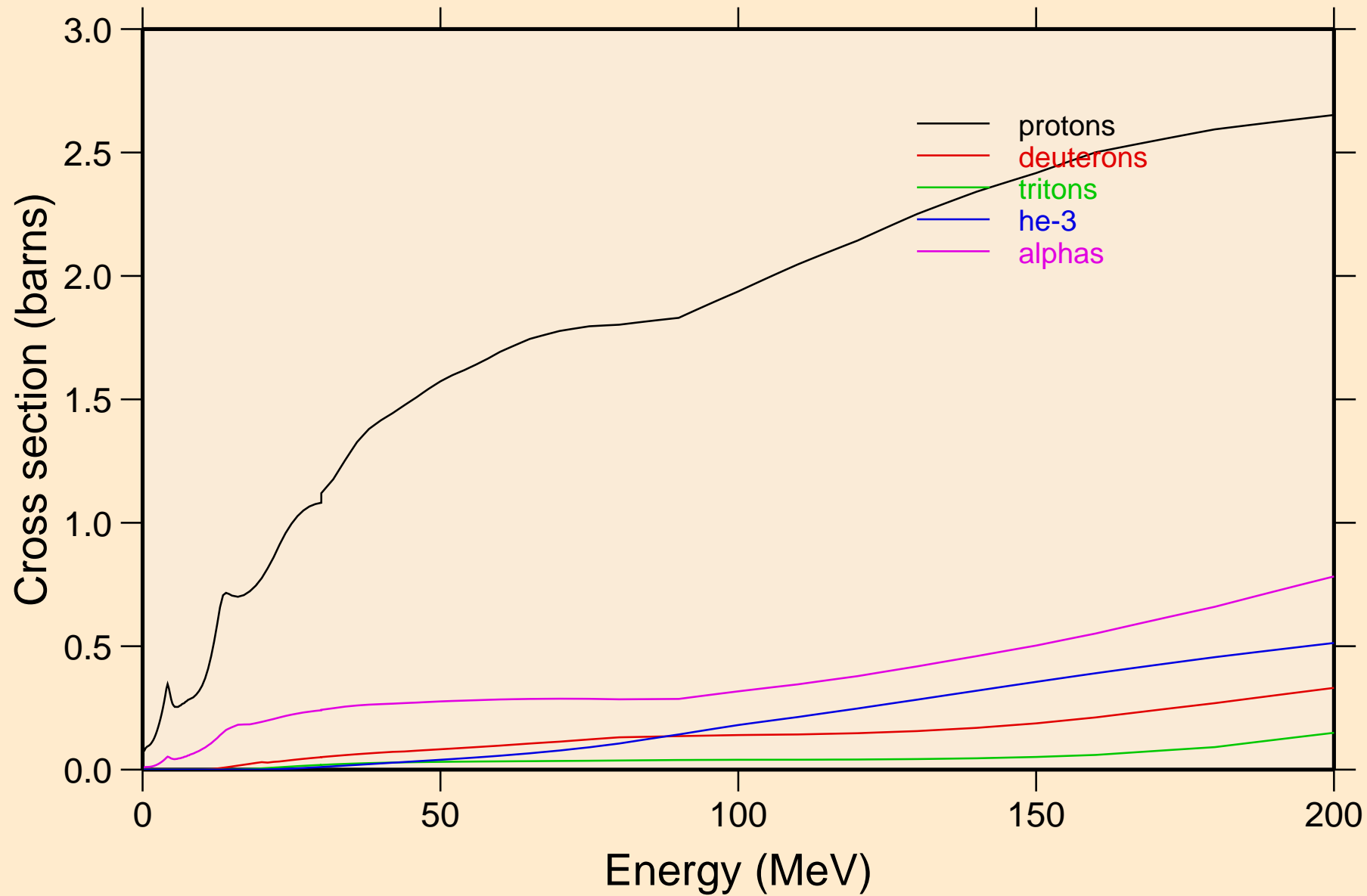


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

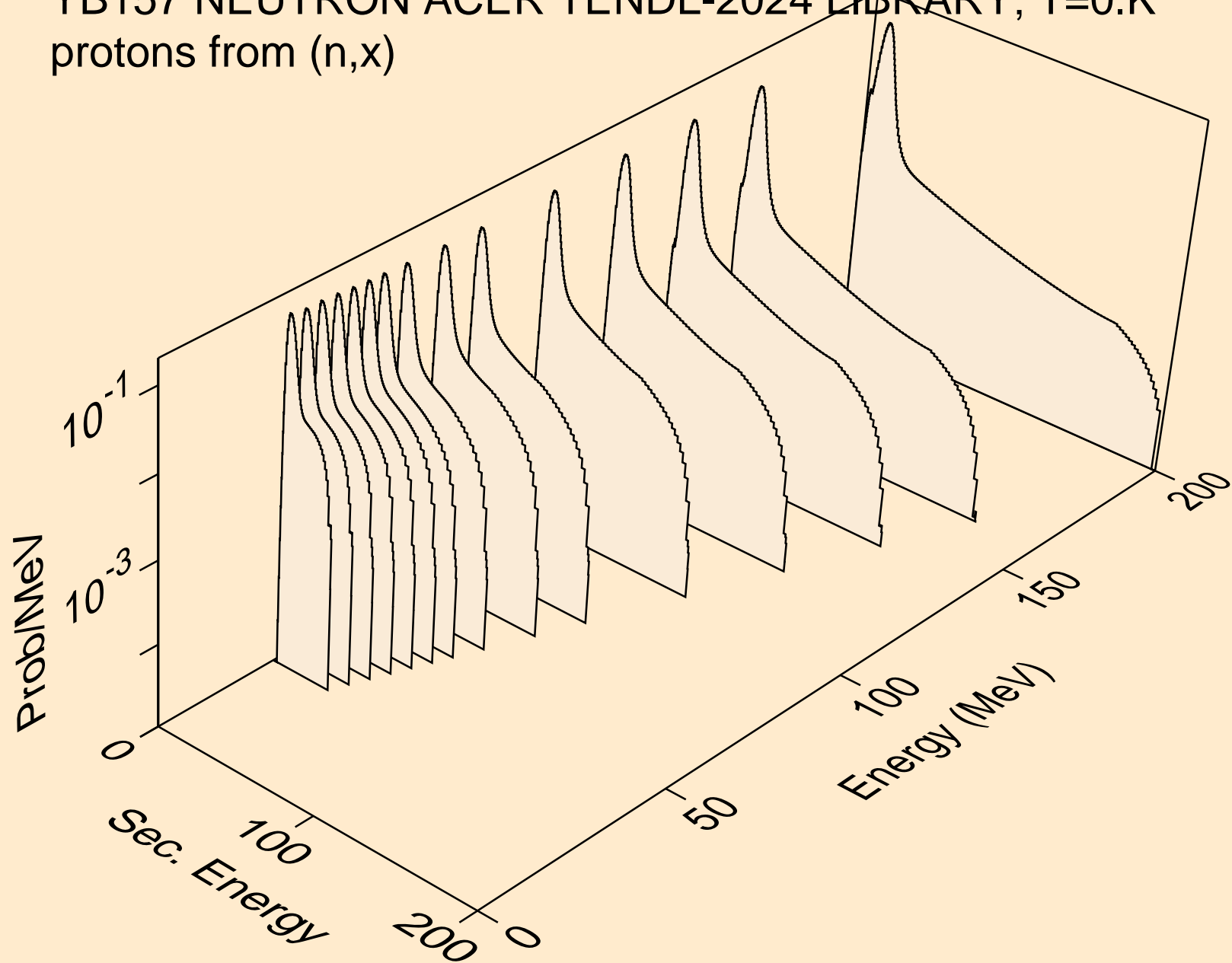


# YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

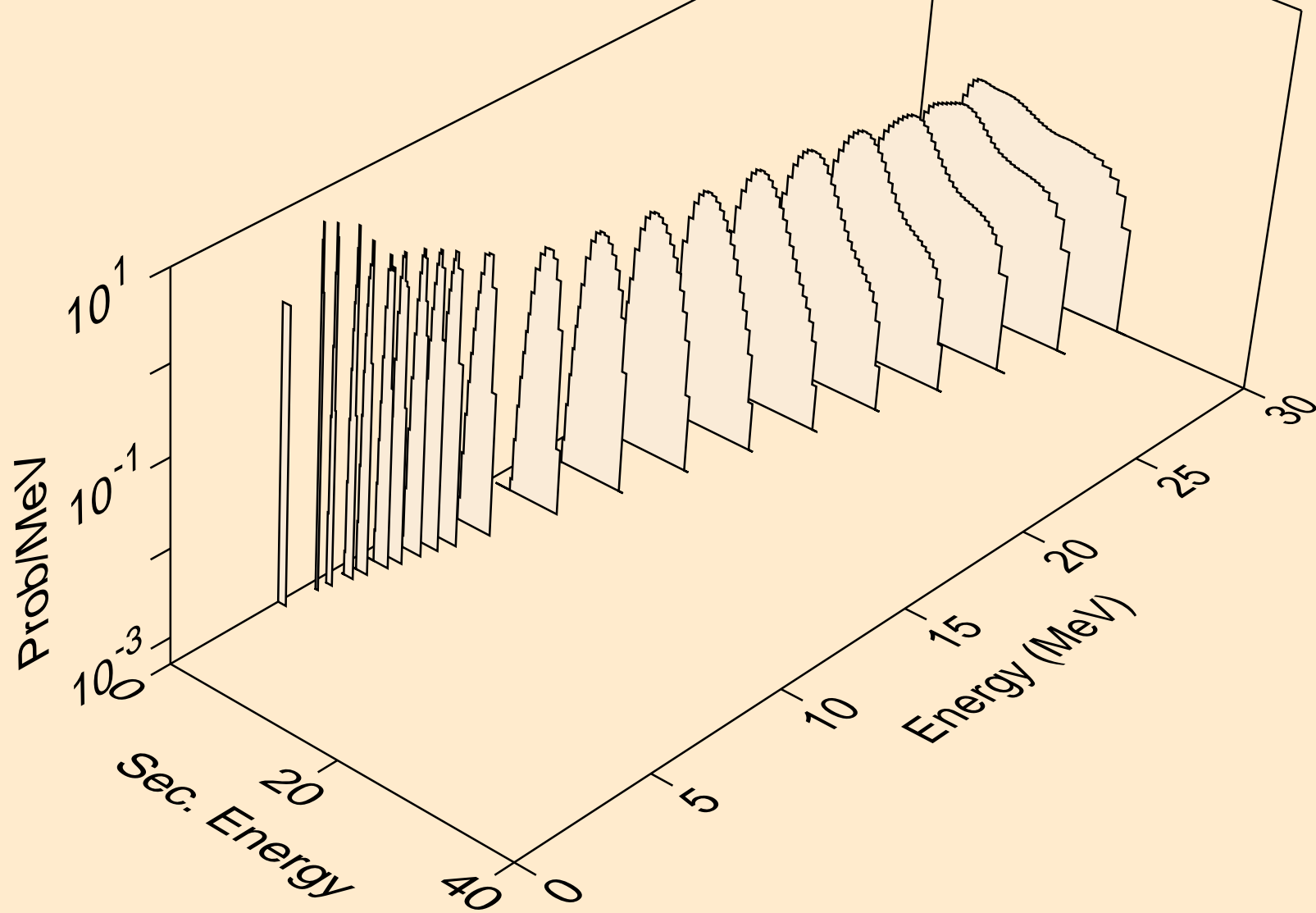


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

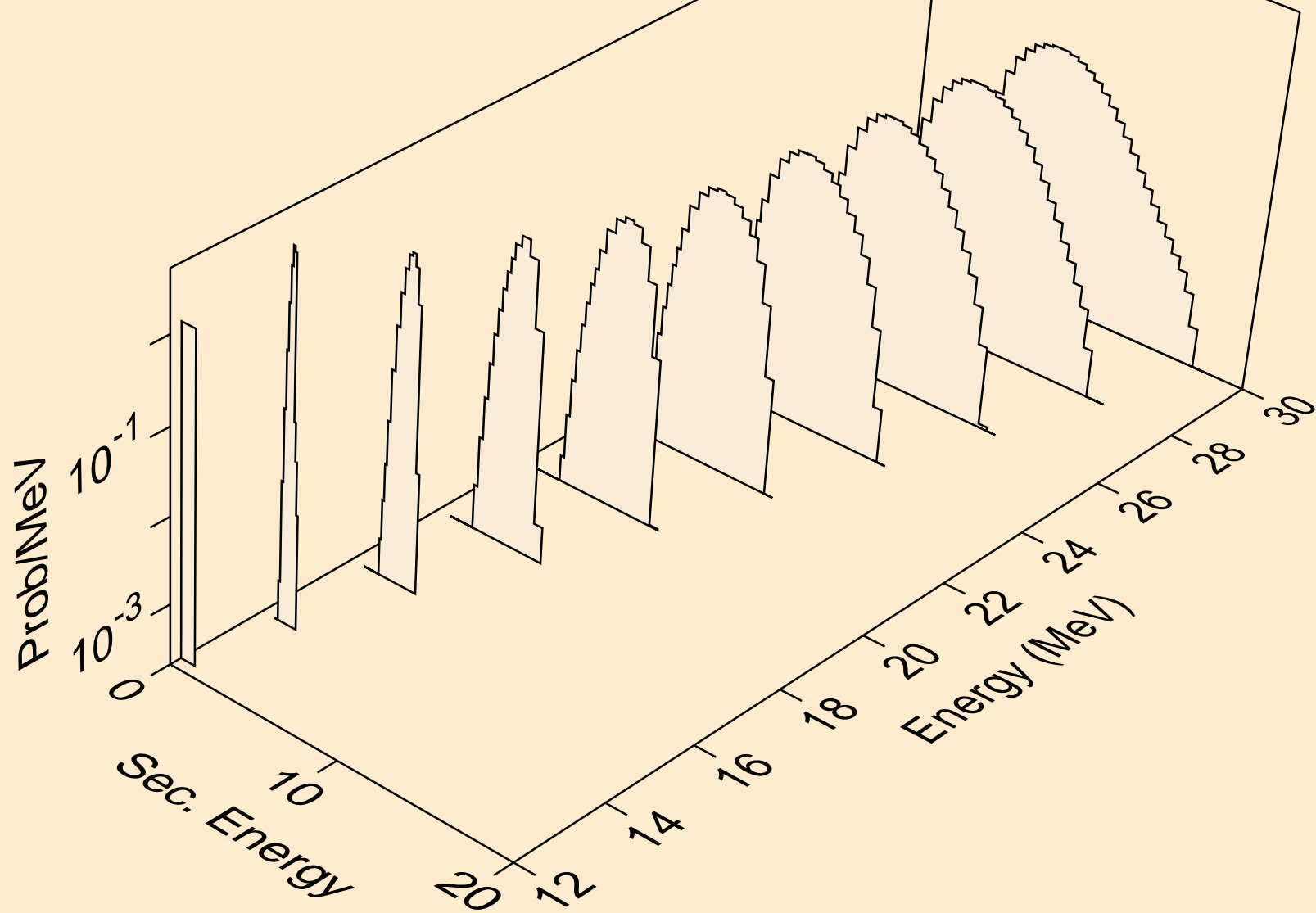




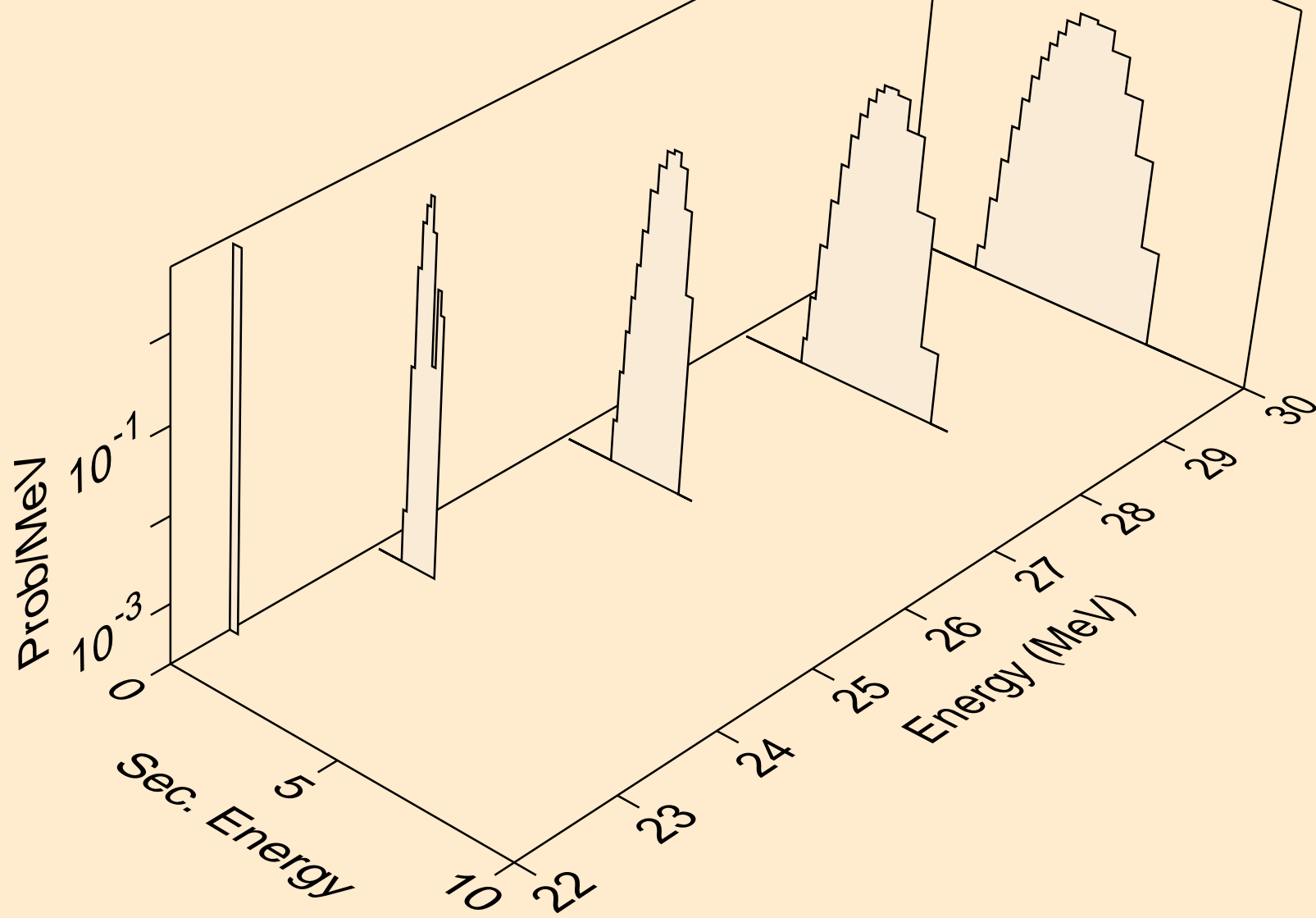
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



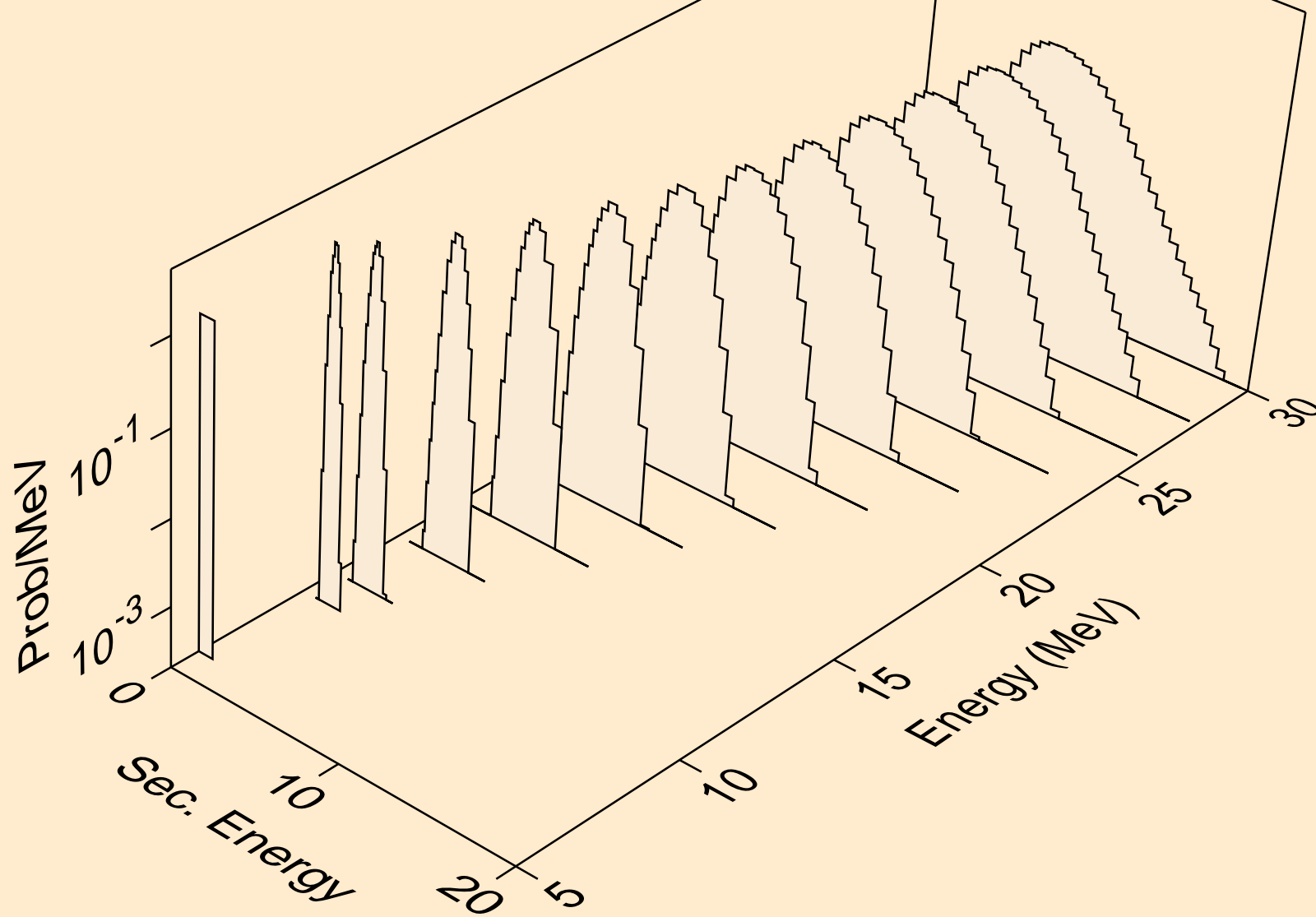
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



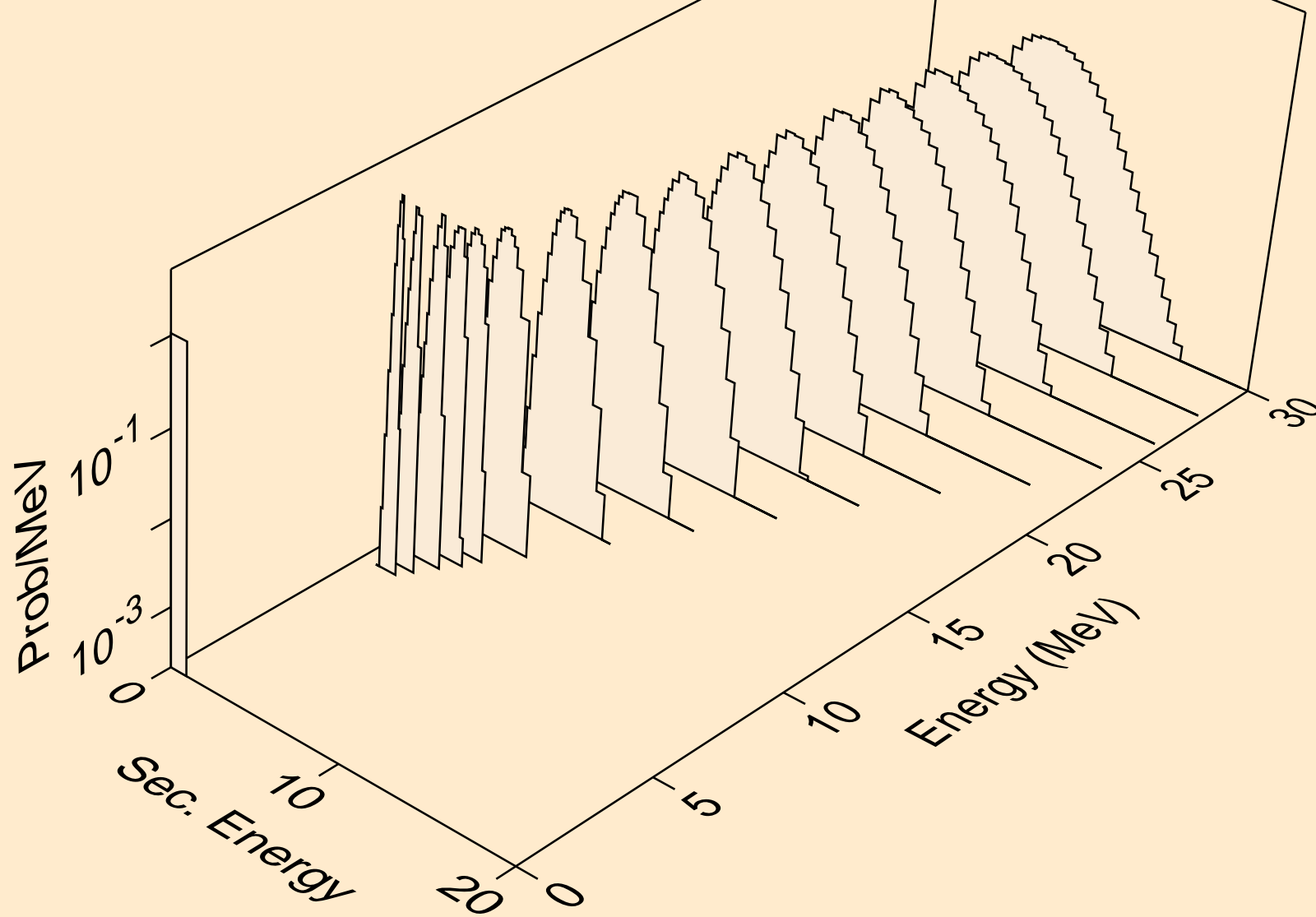
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protons from (n,3np)



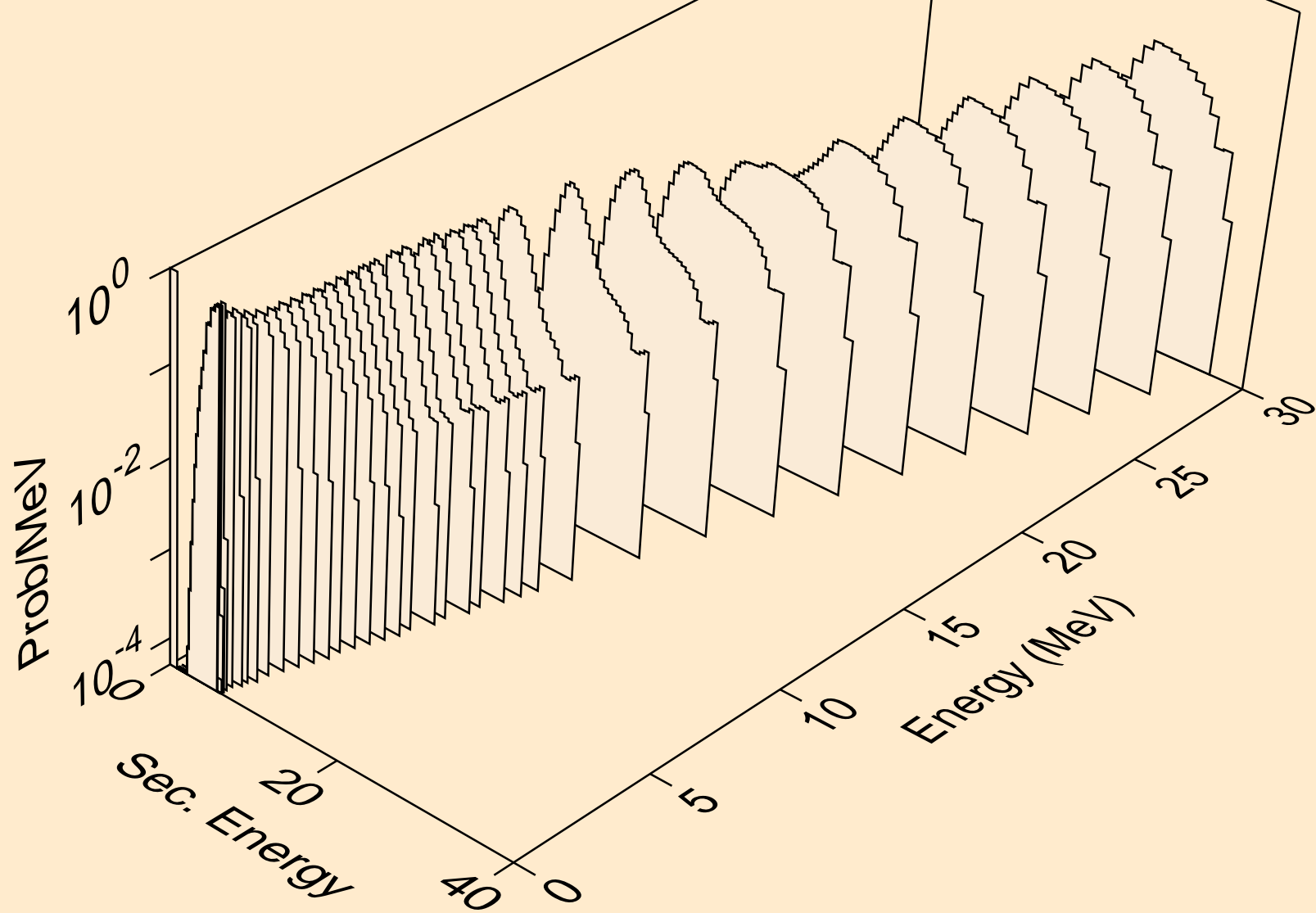
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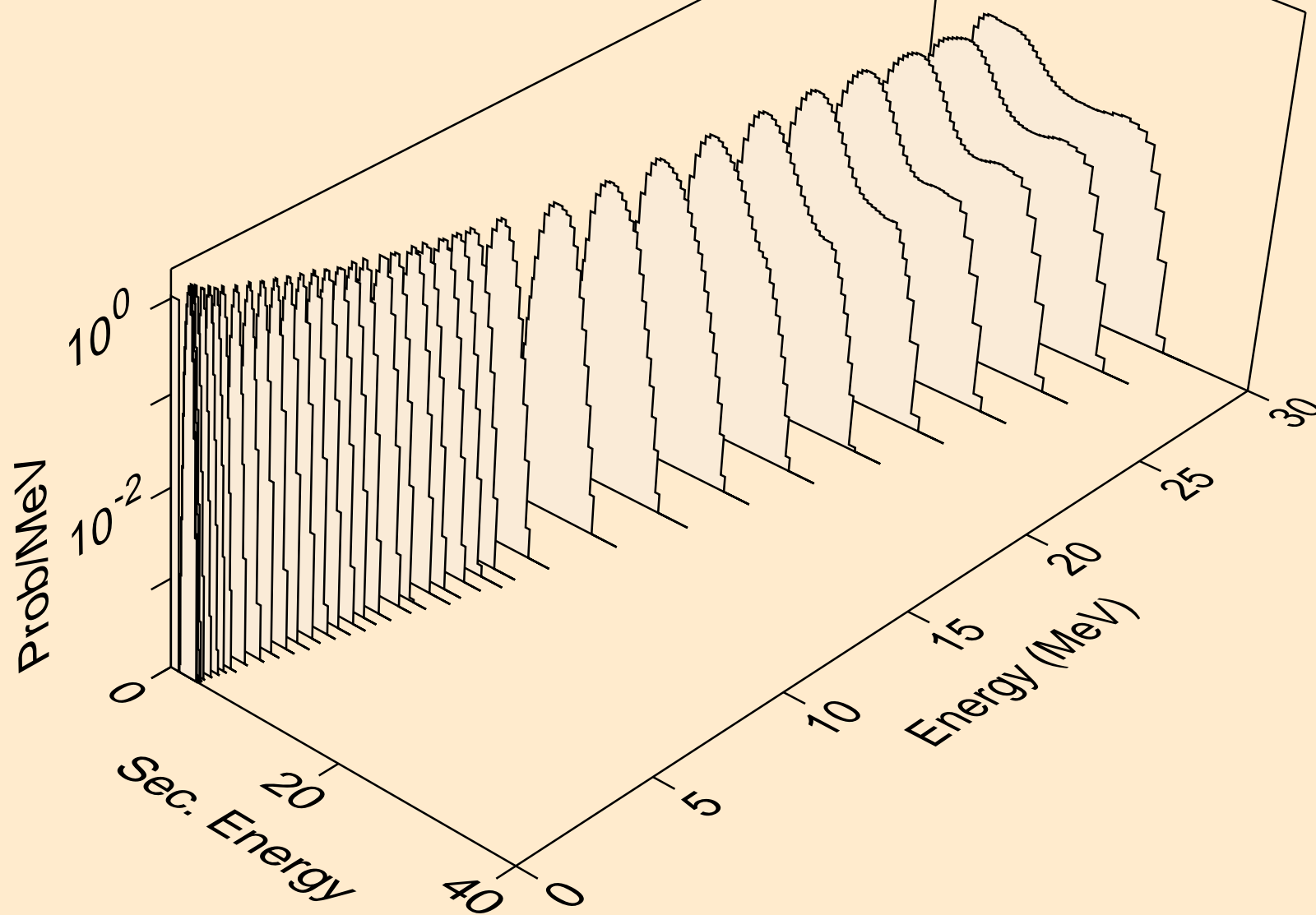
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protons from (n,npa)



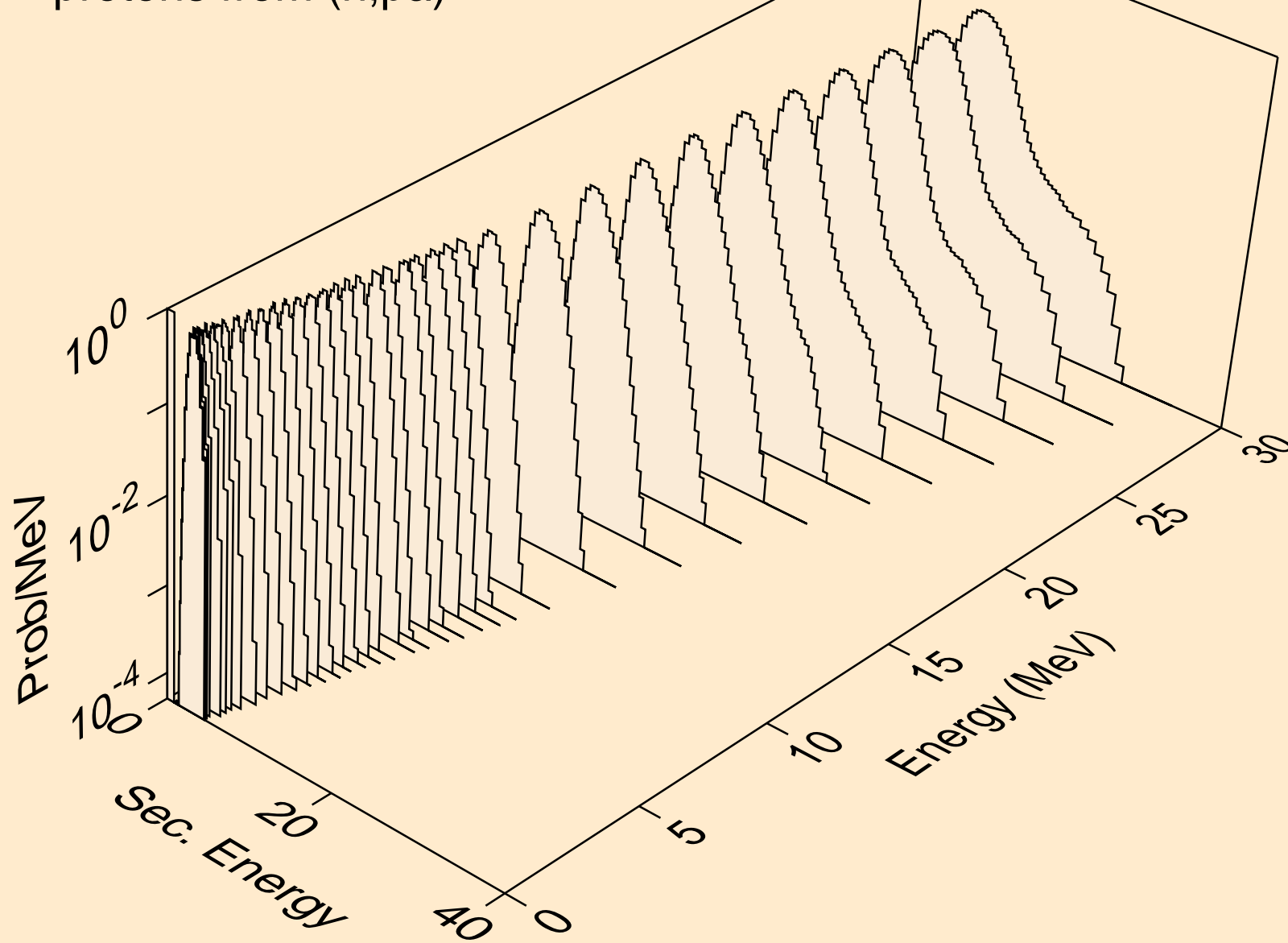
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

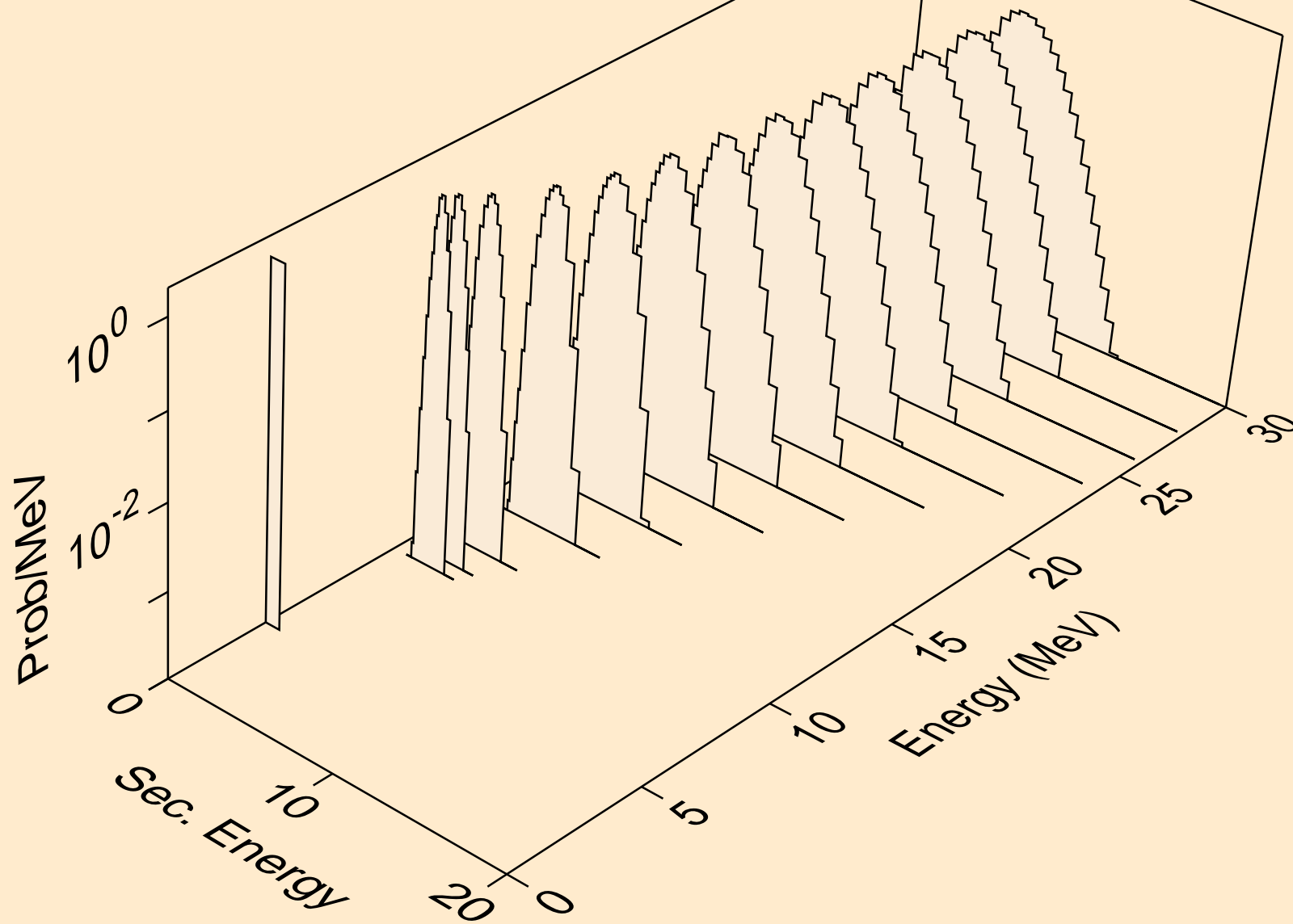


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protons from (n,p)

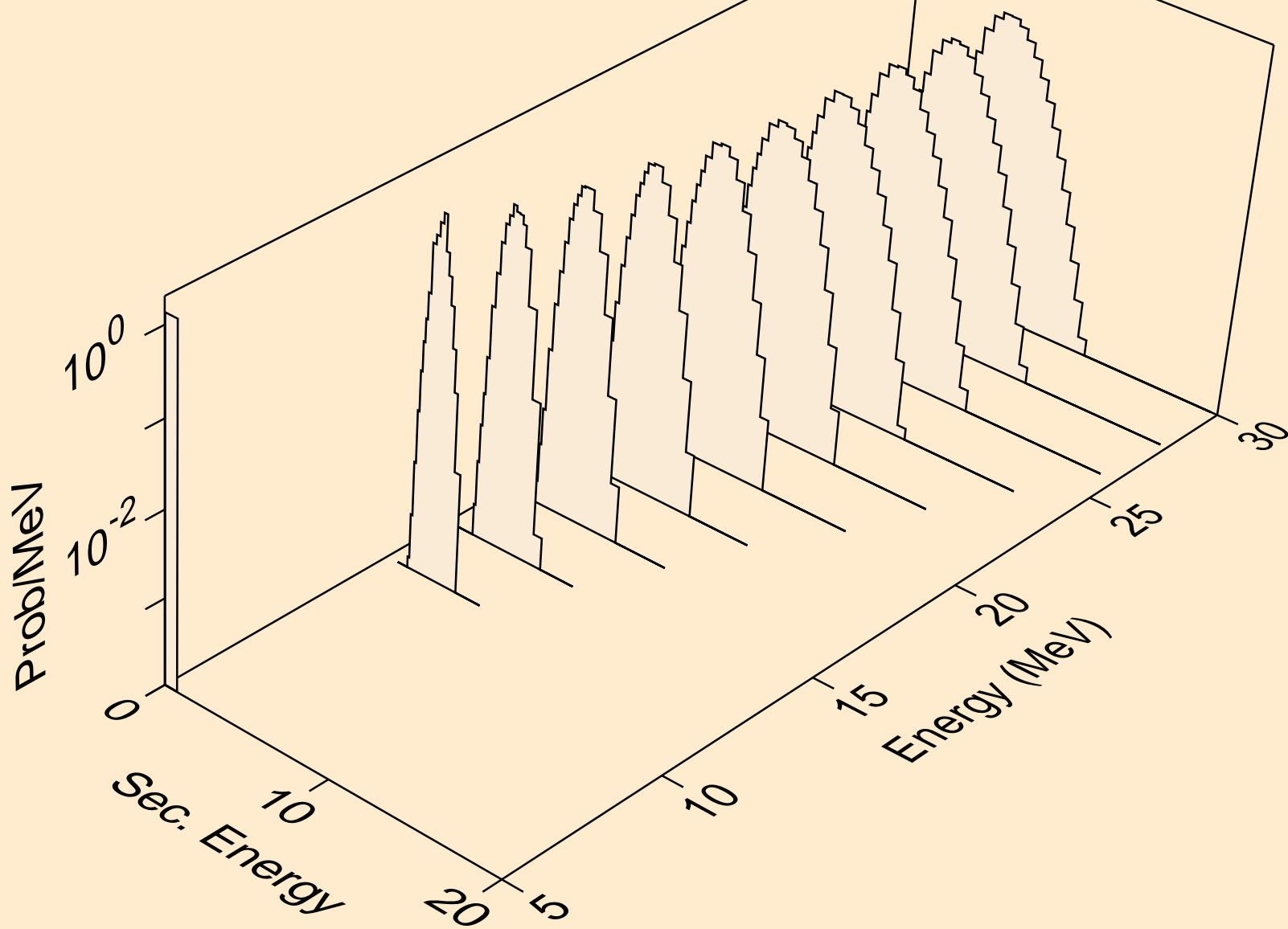




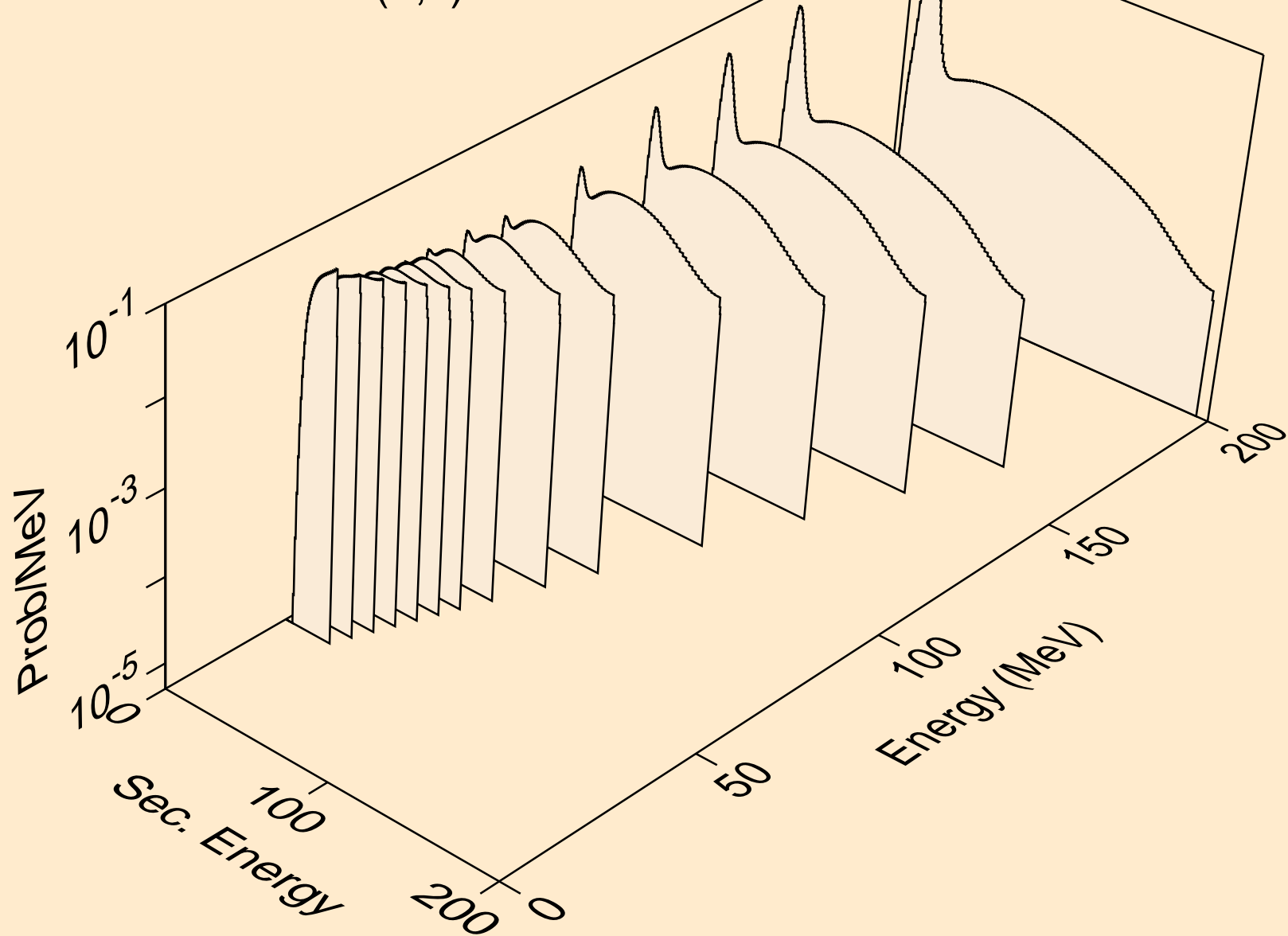
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



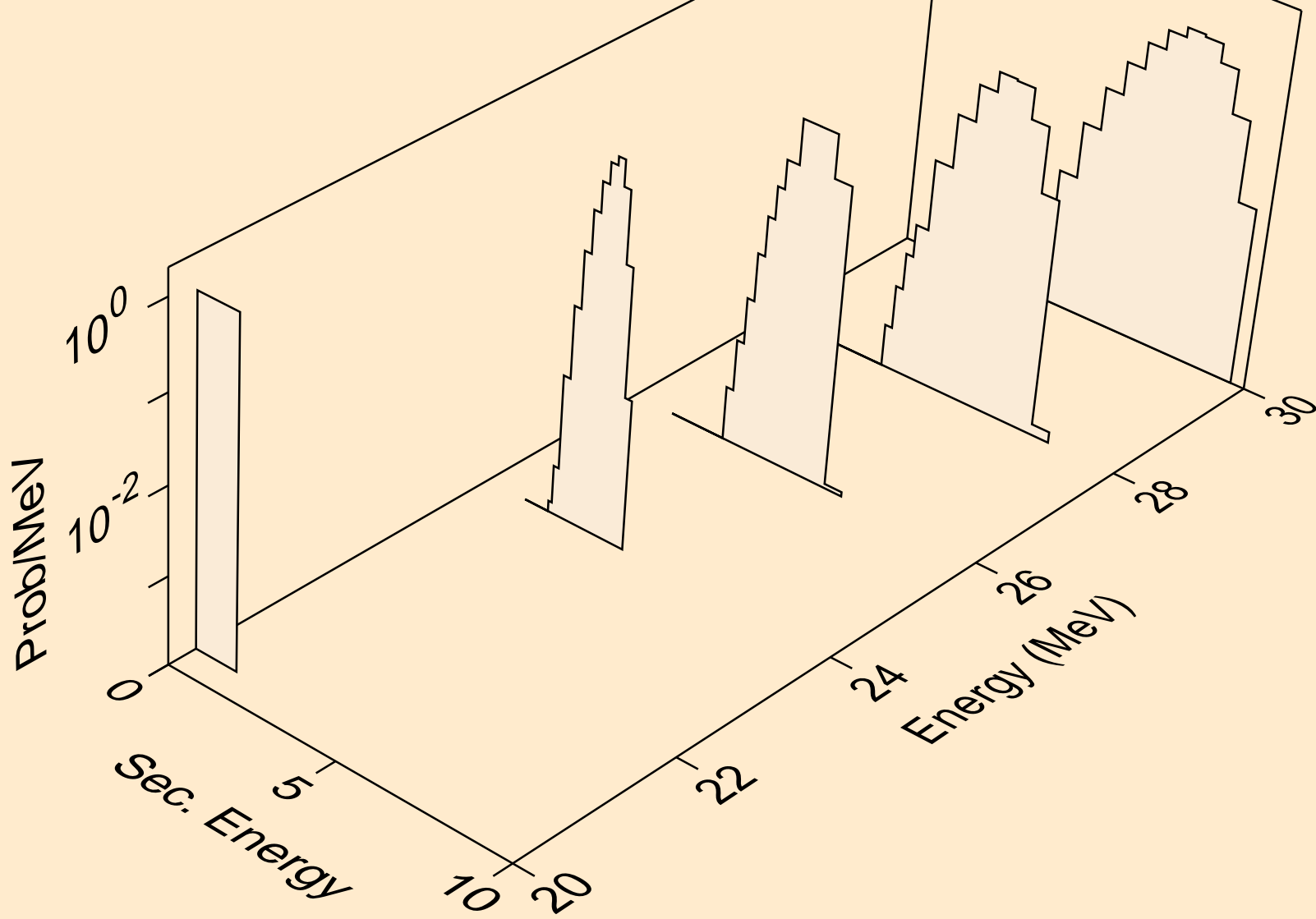
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protons from (n,pt)



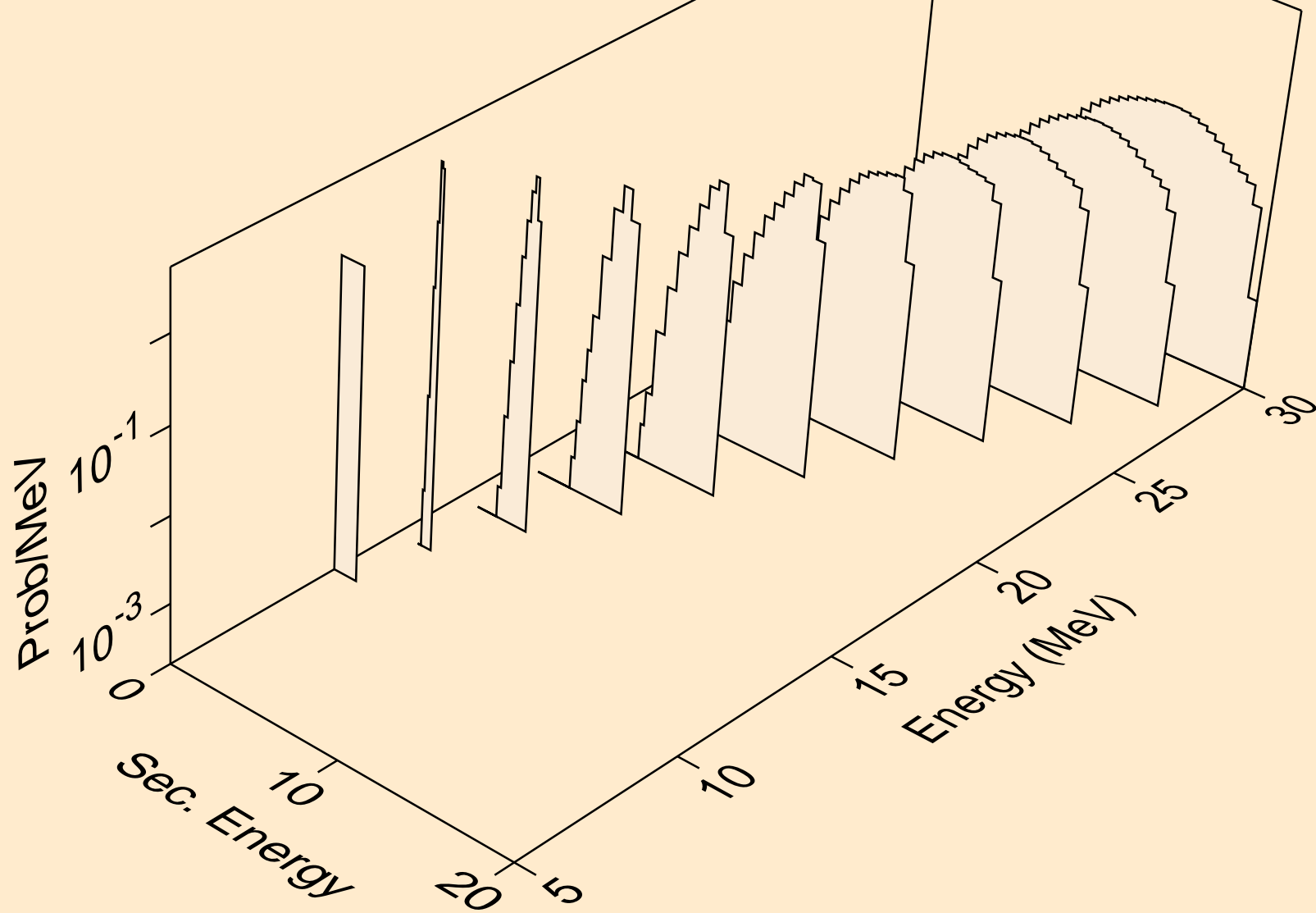
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deuterons from (n,x)



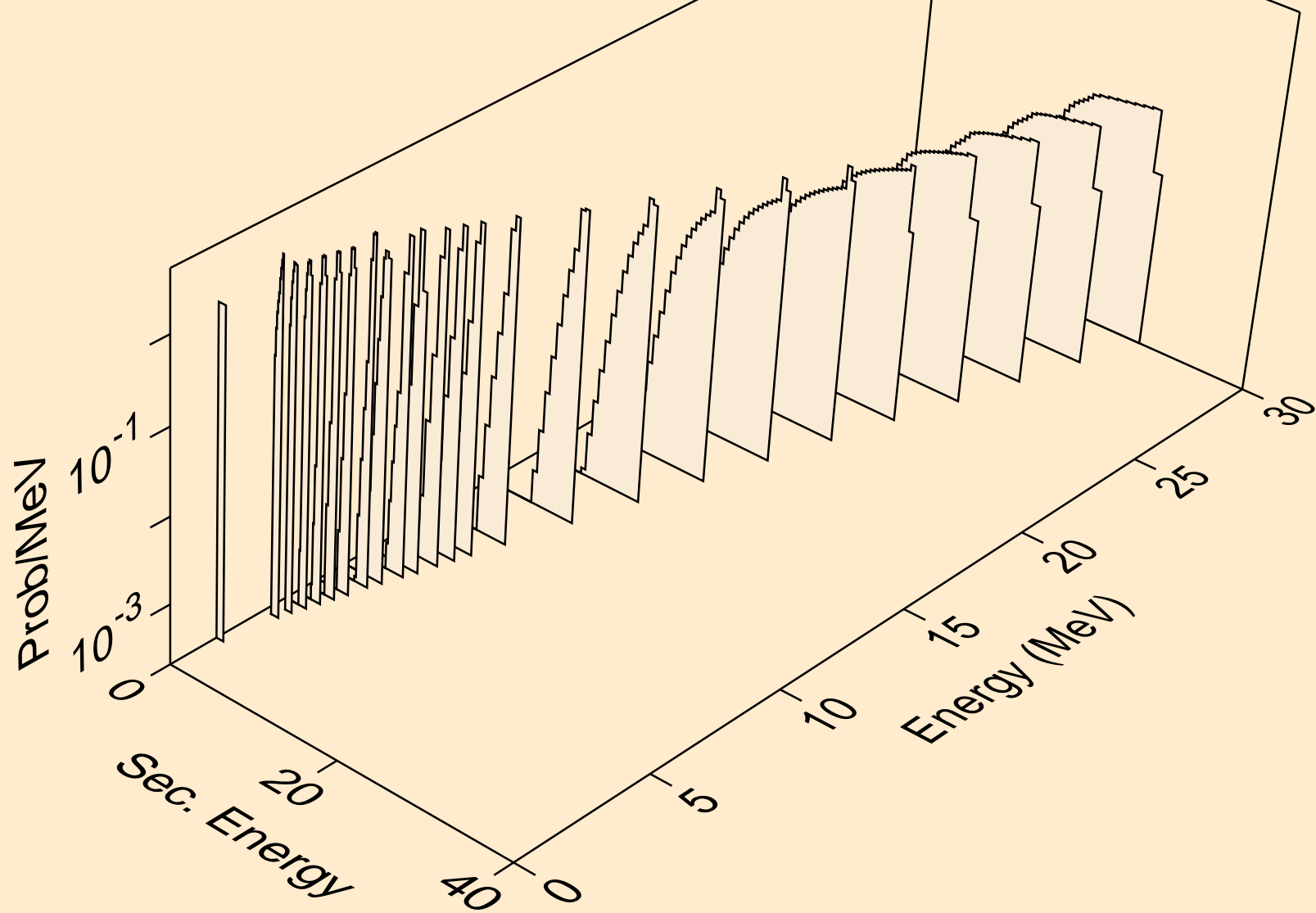
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



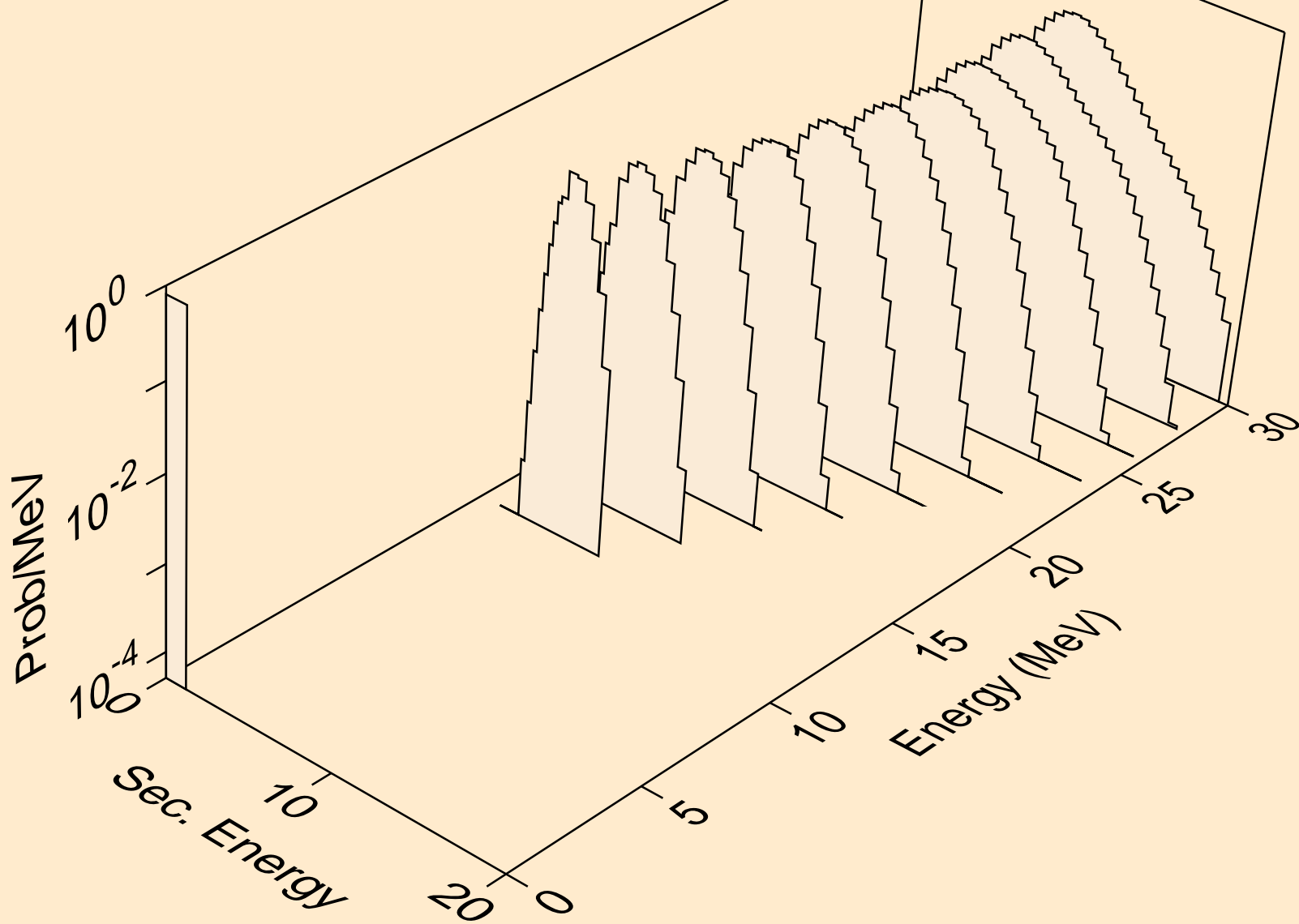
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deuterons from (n,n\*)d



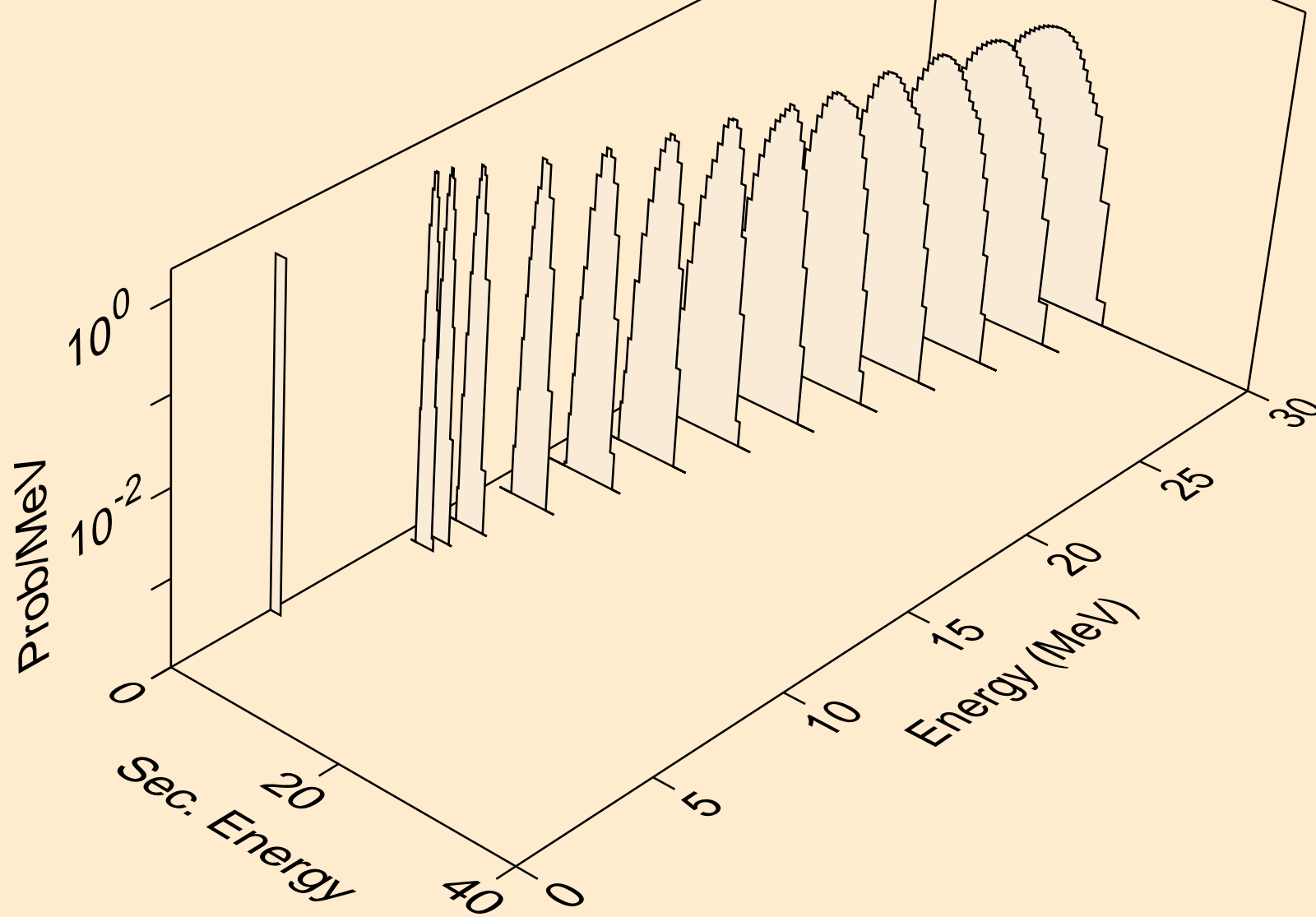
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)

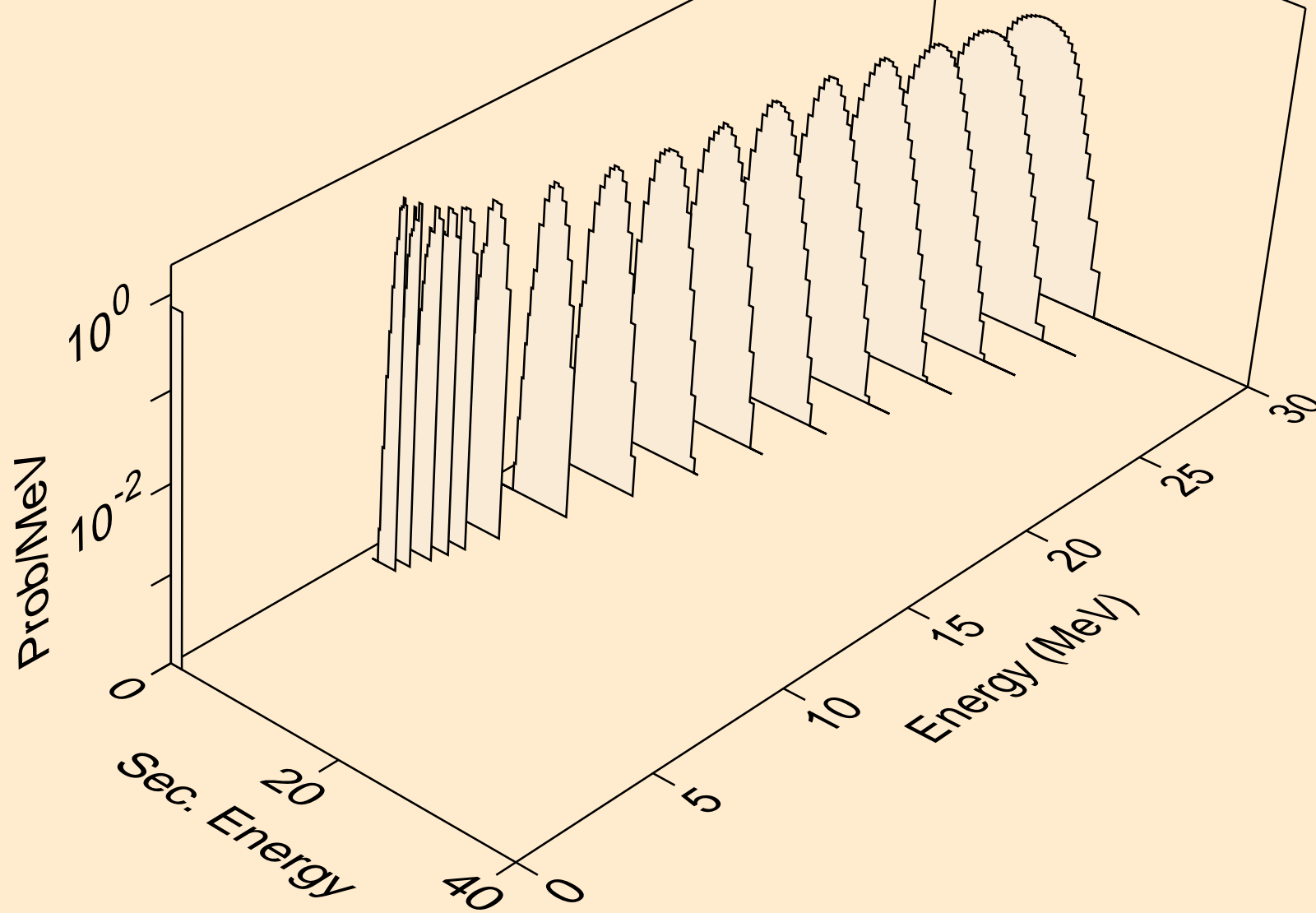


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deuterons from (n,pd)

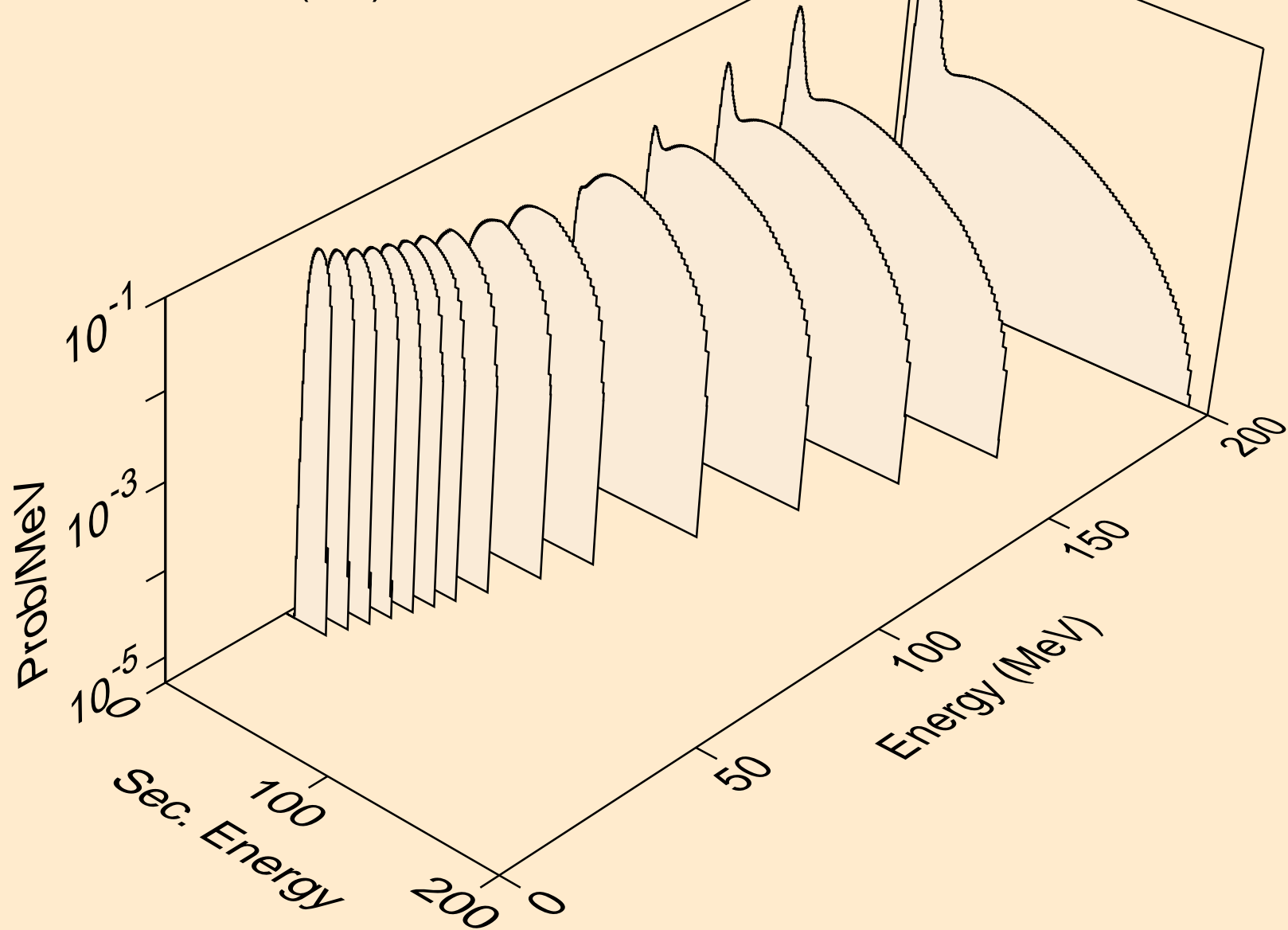




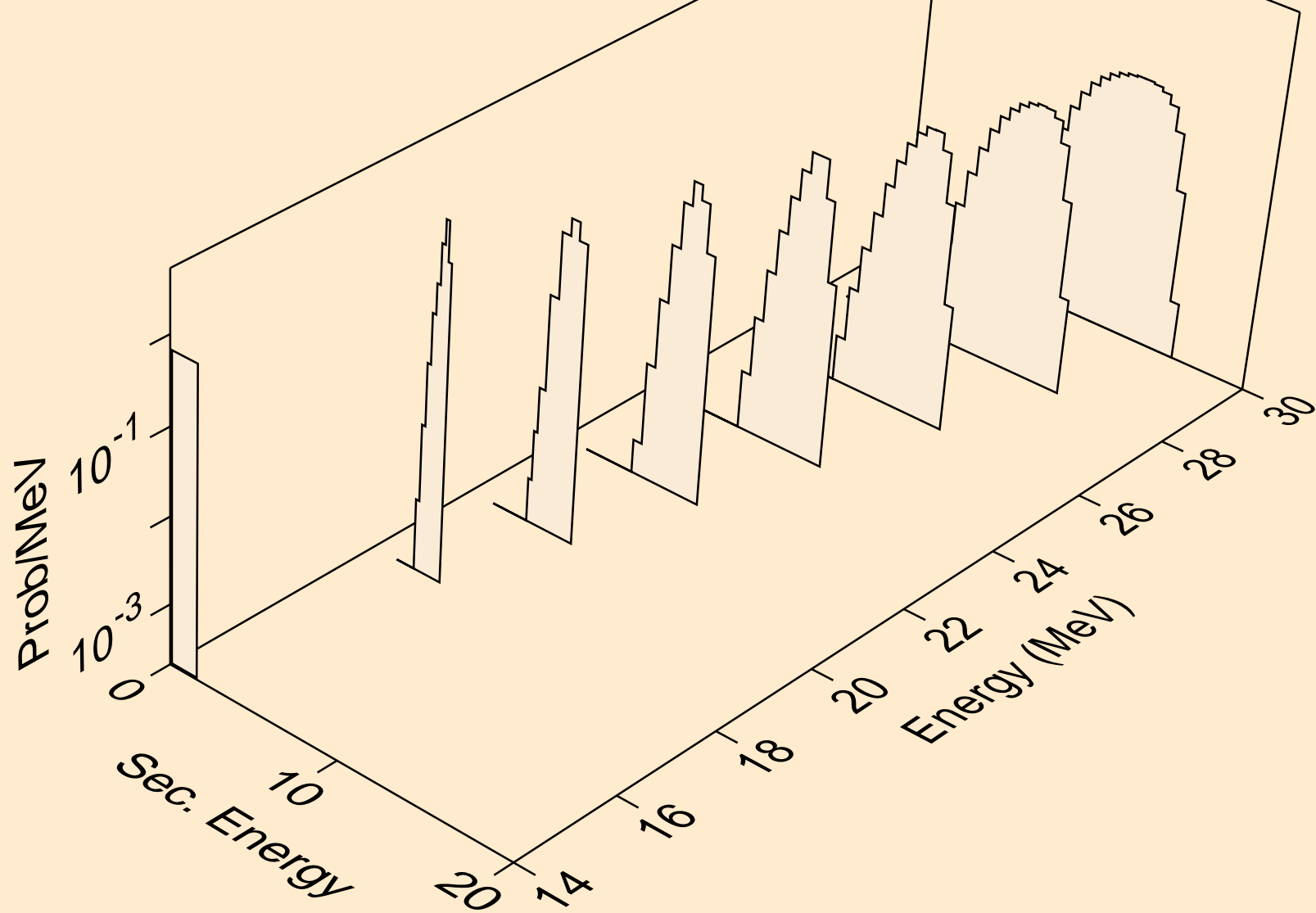
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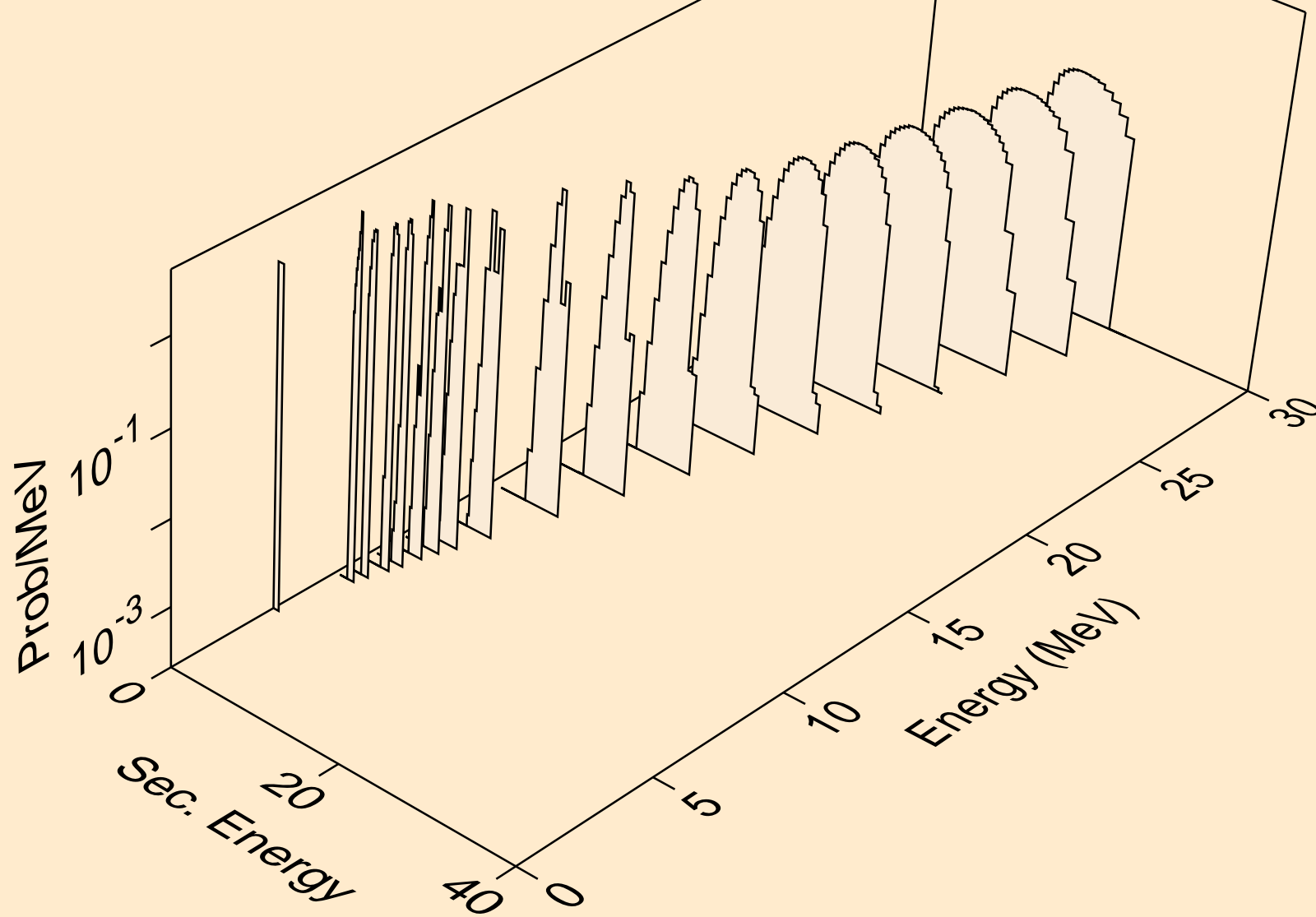
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tritons from (n,x)



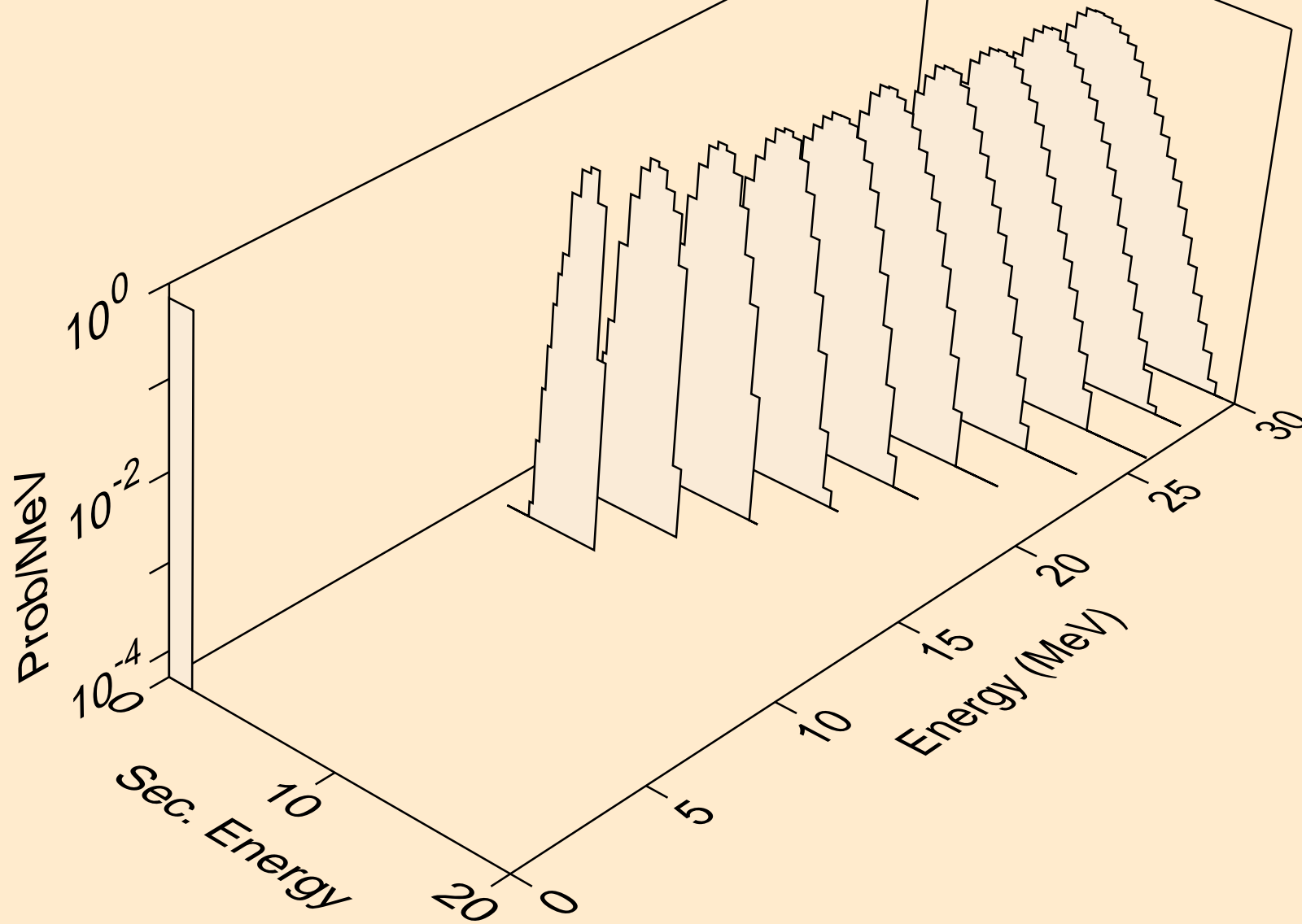
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



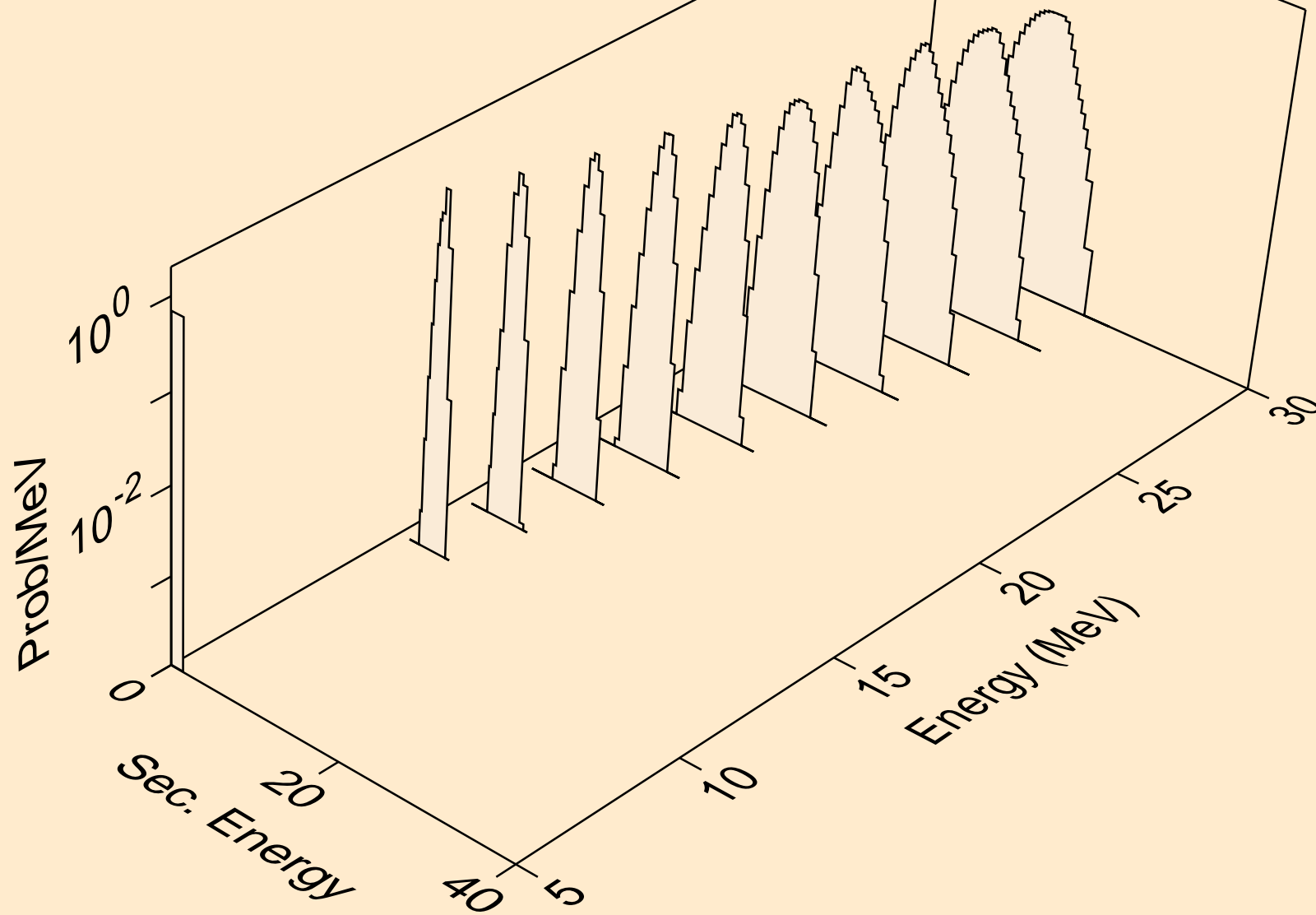
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



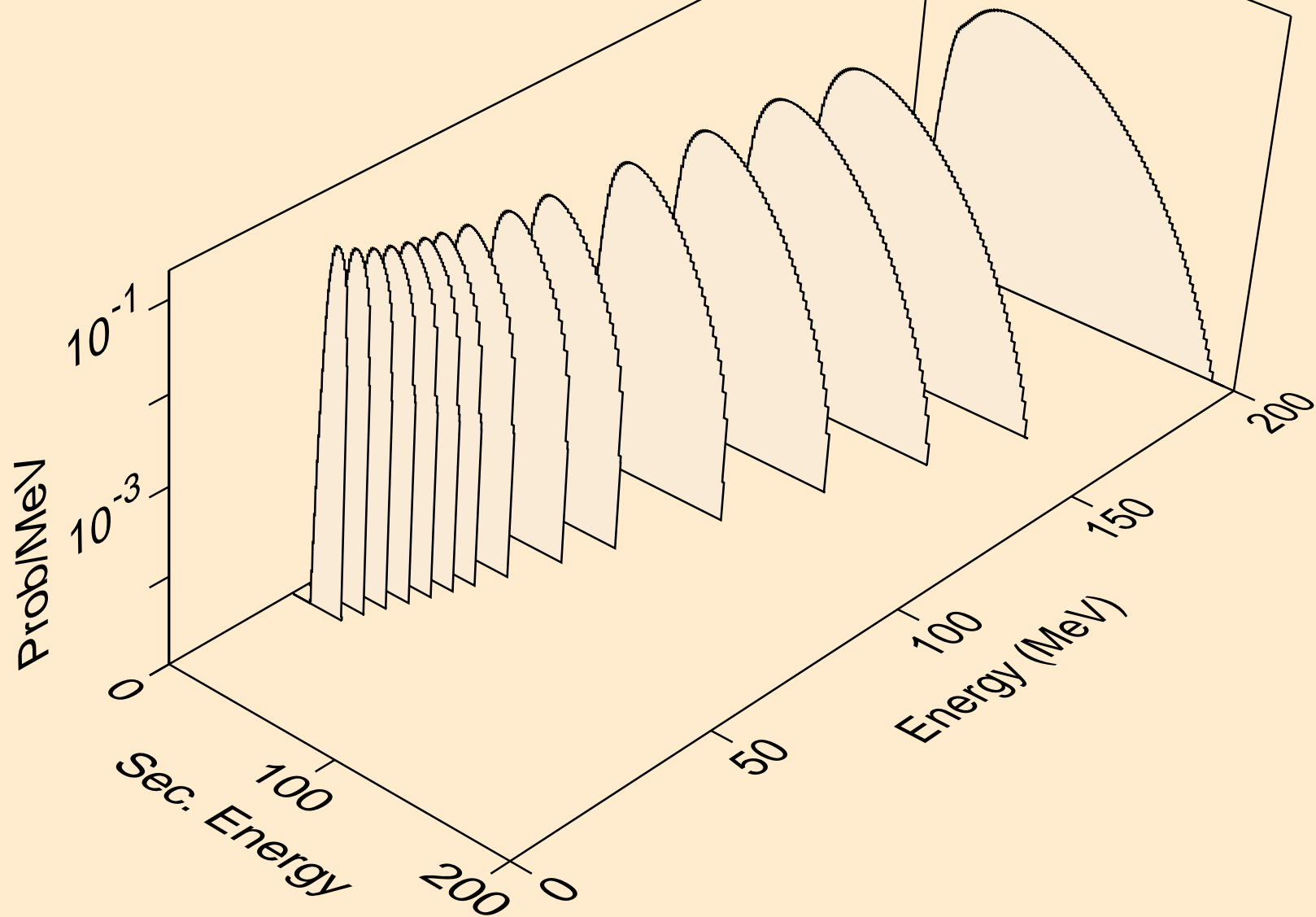
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t2a)



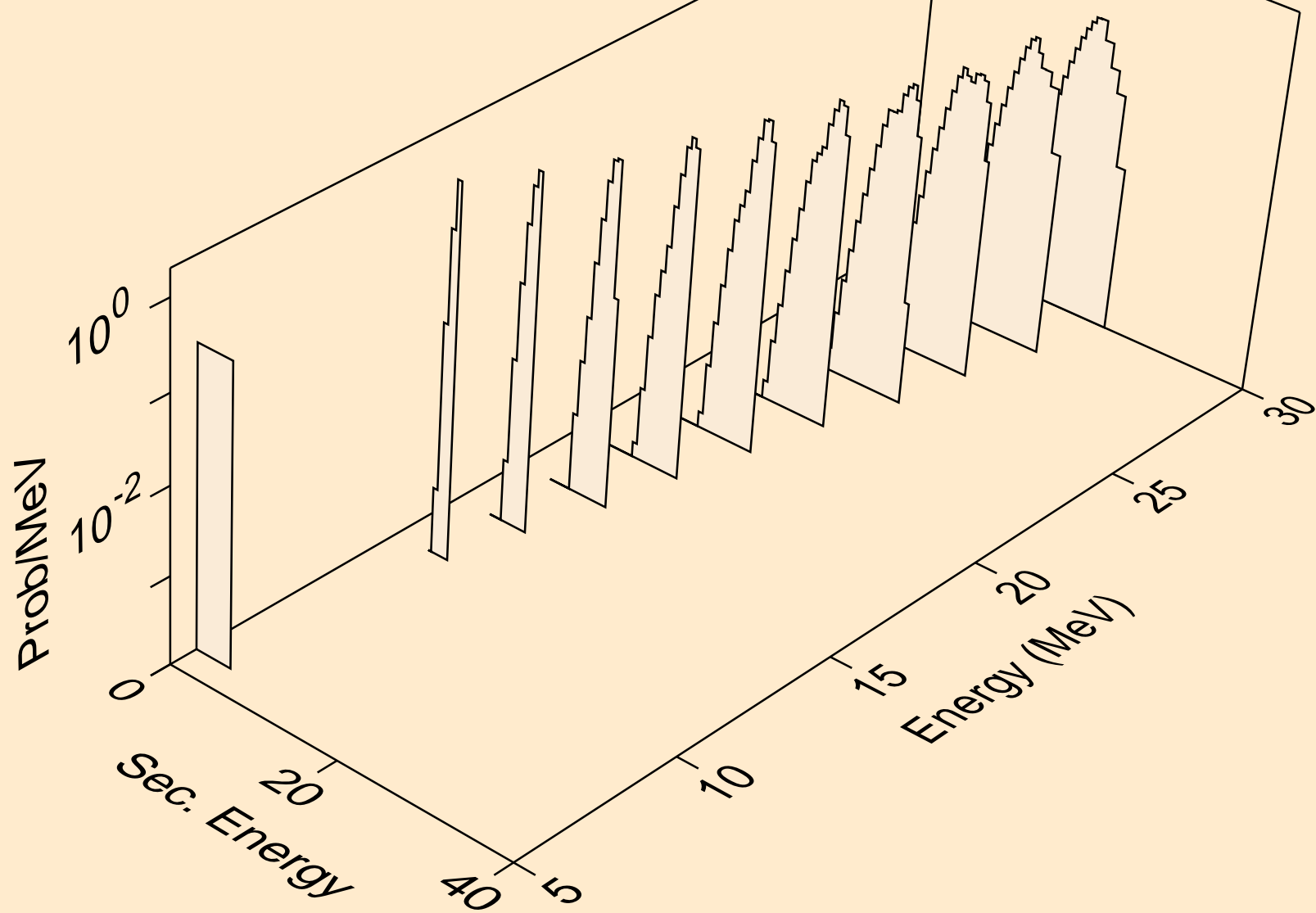
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

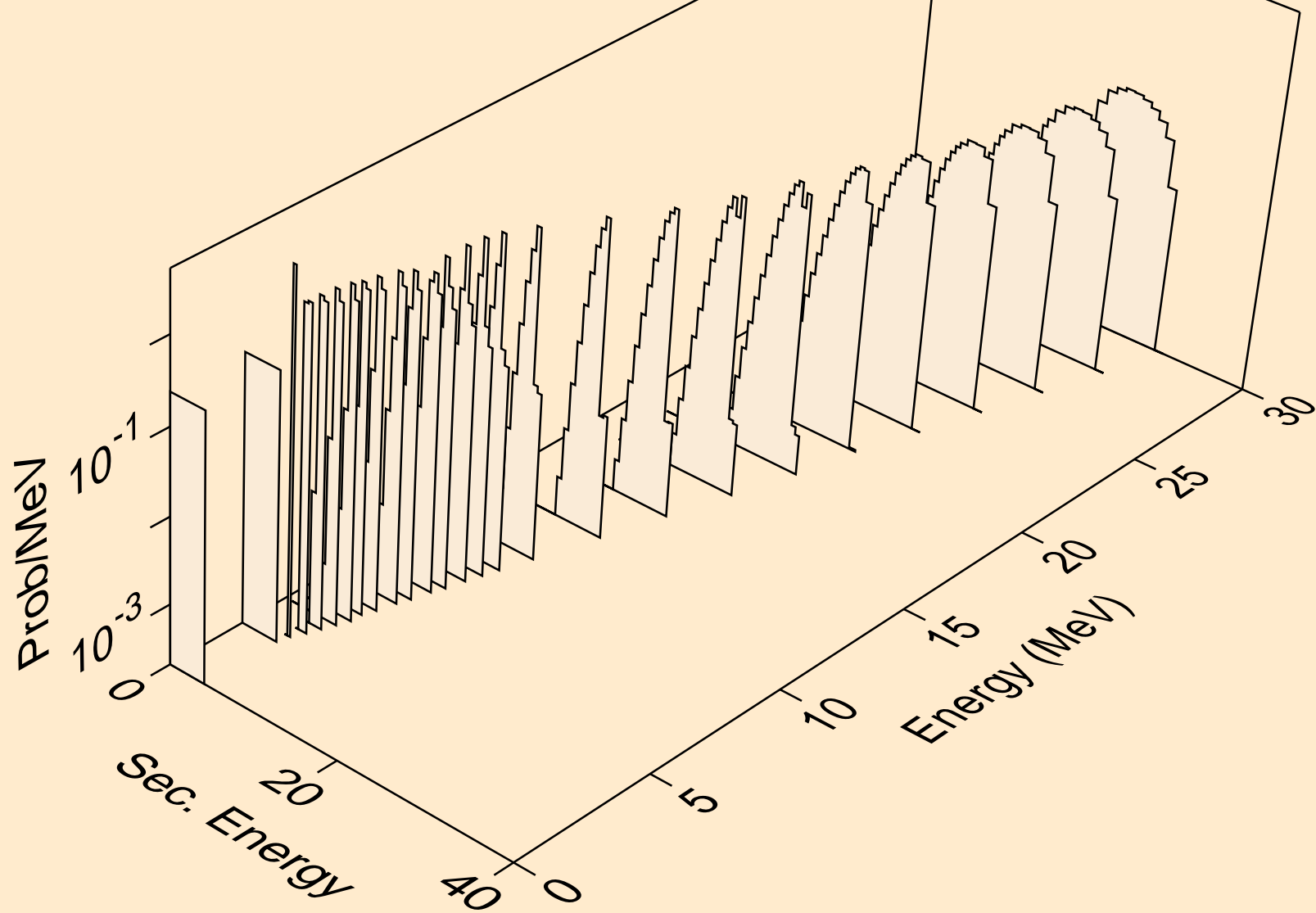


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

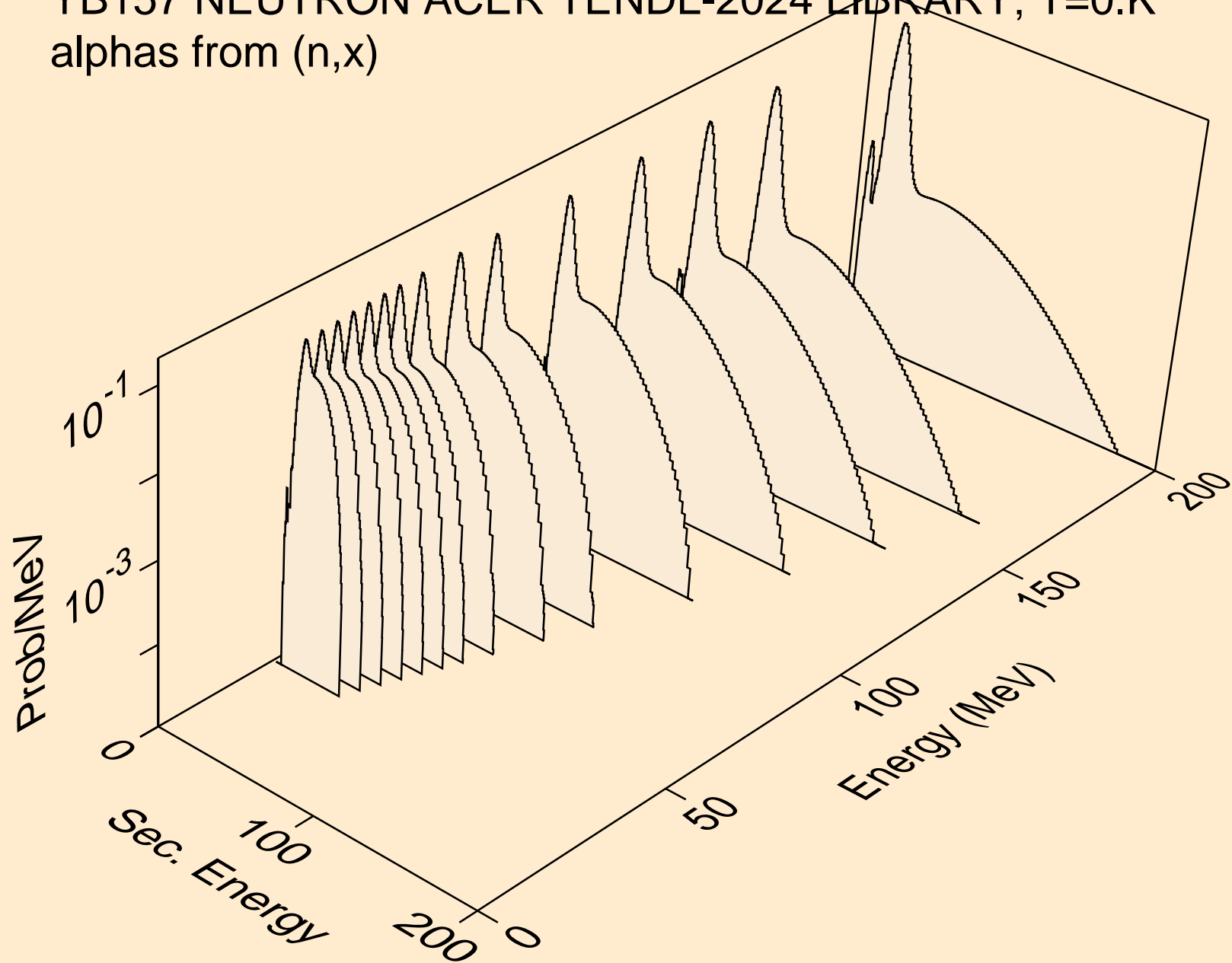




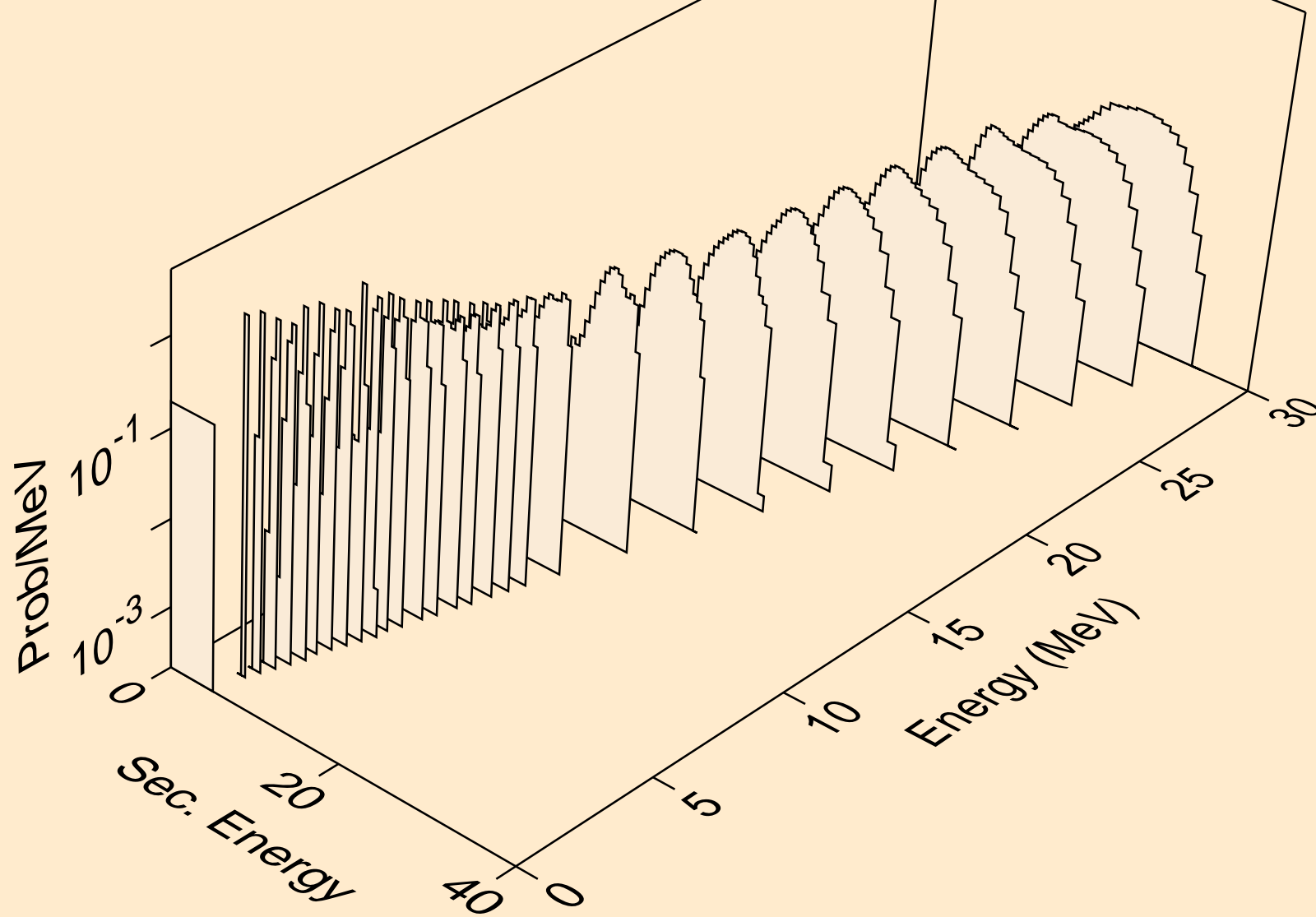
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



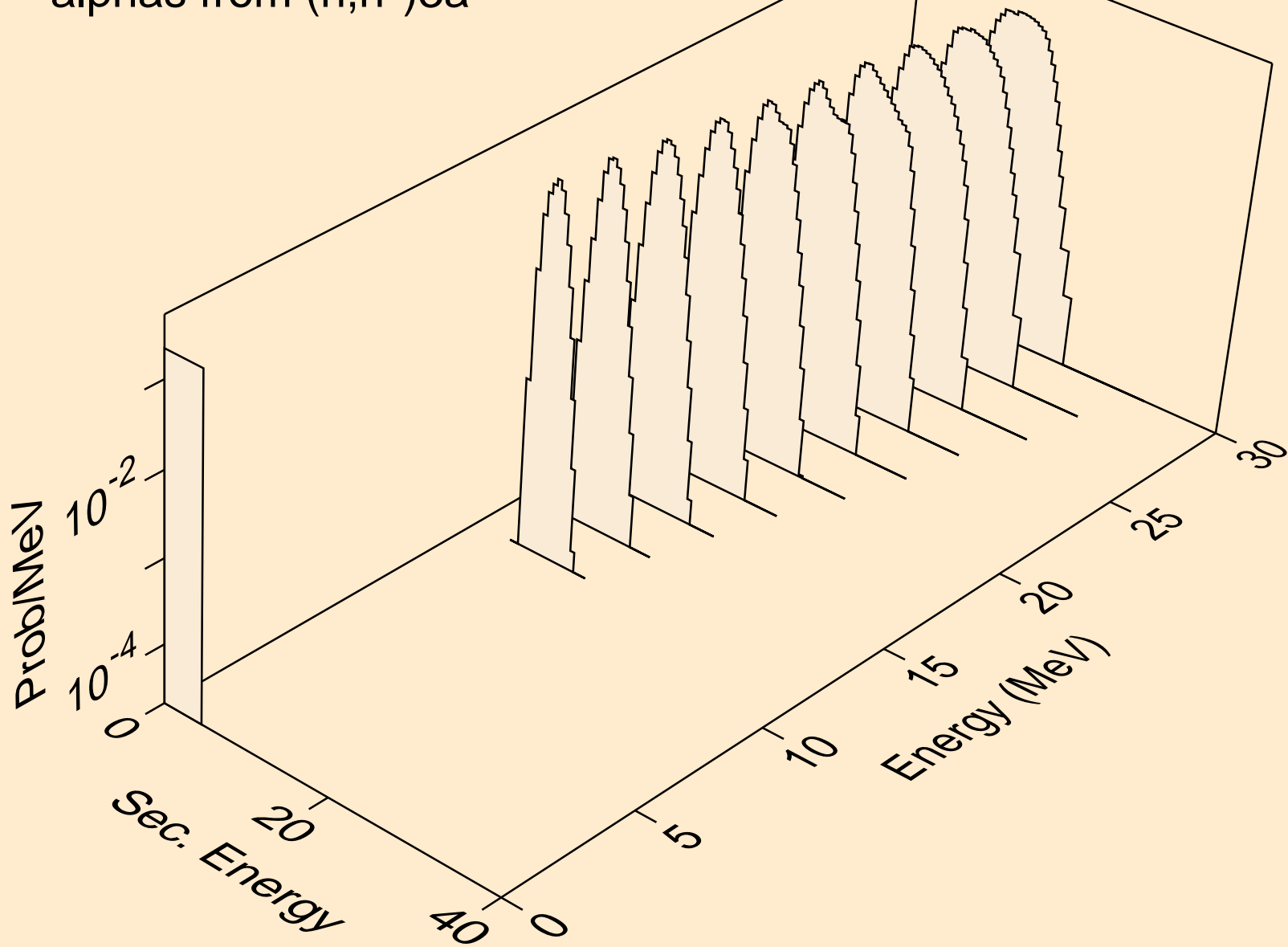
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



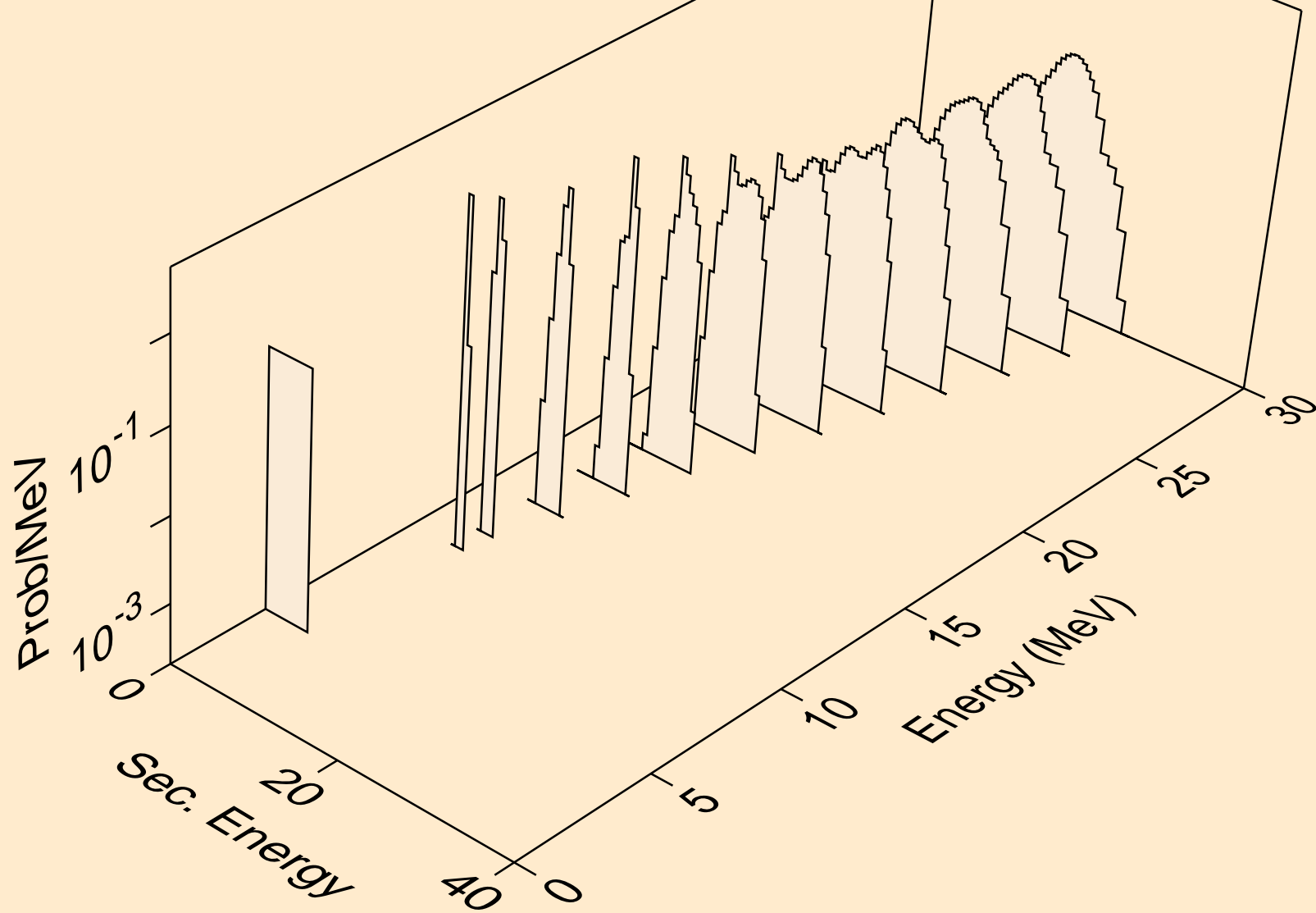
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



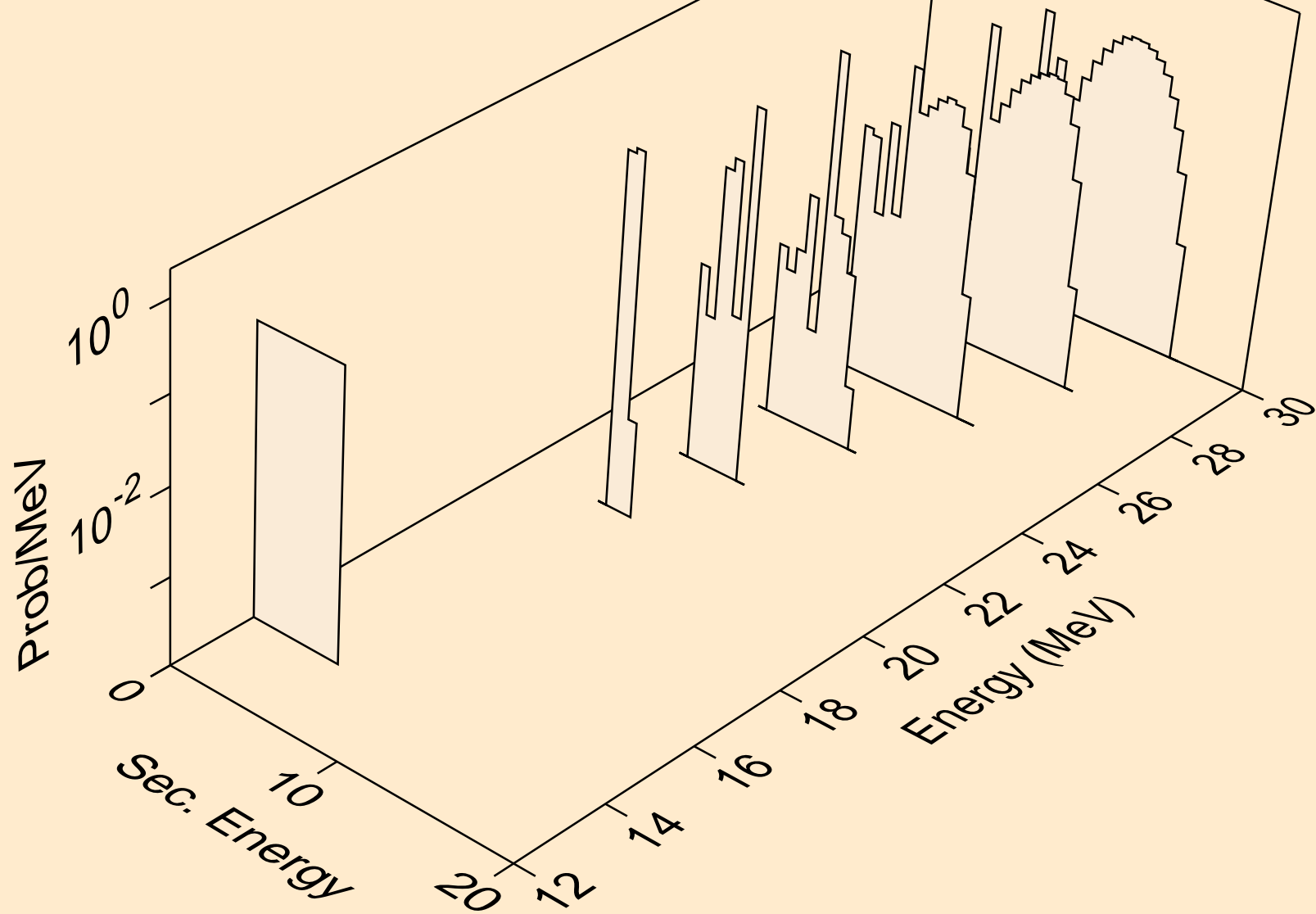
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



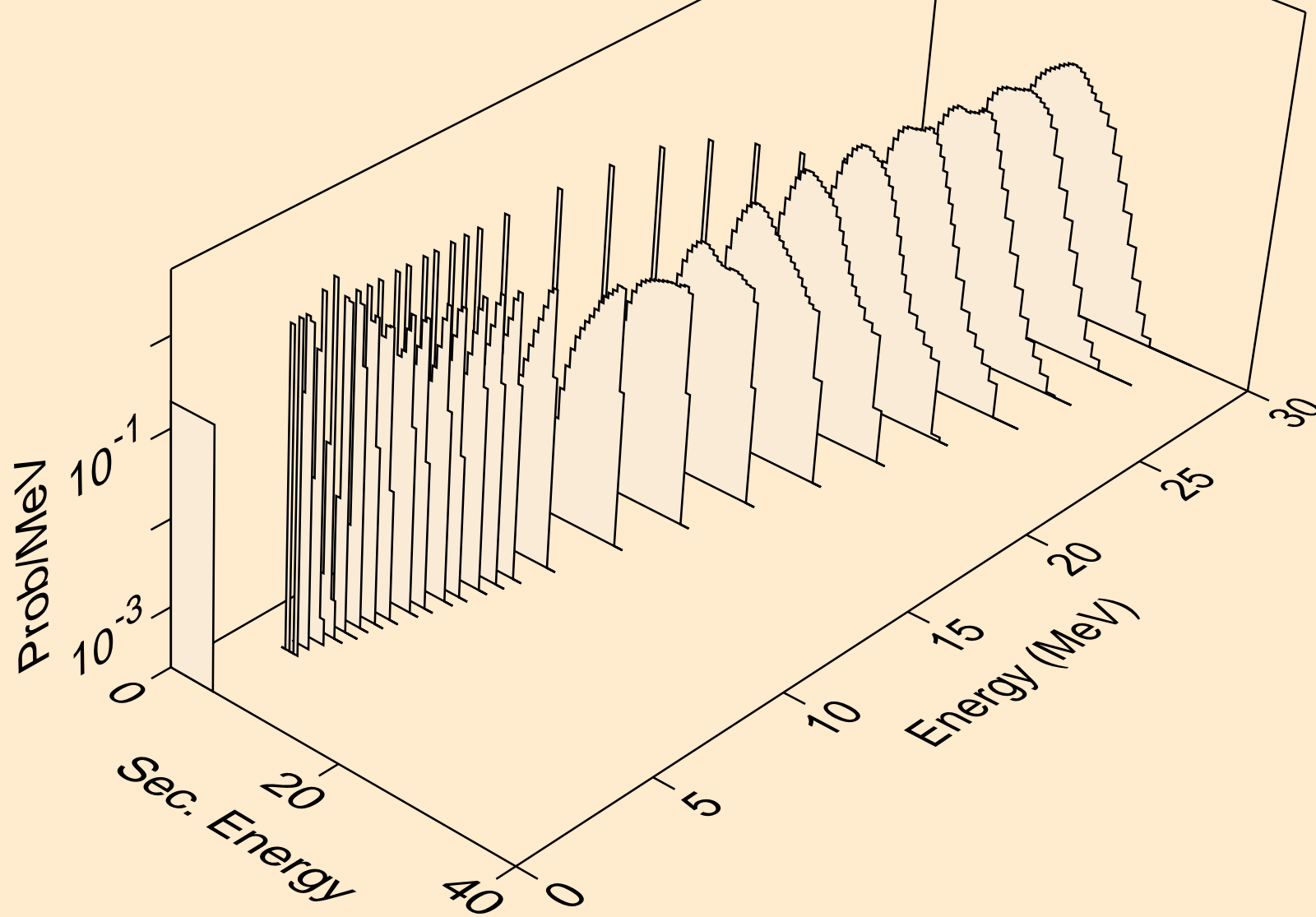
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



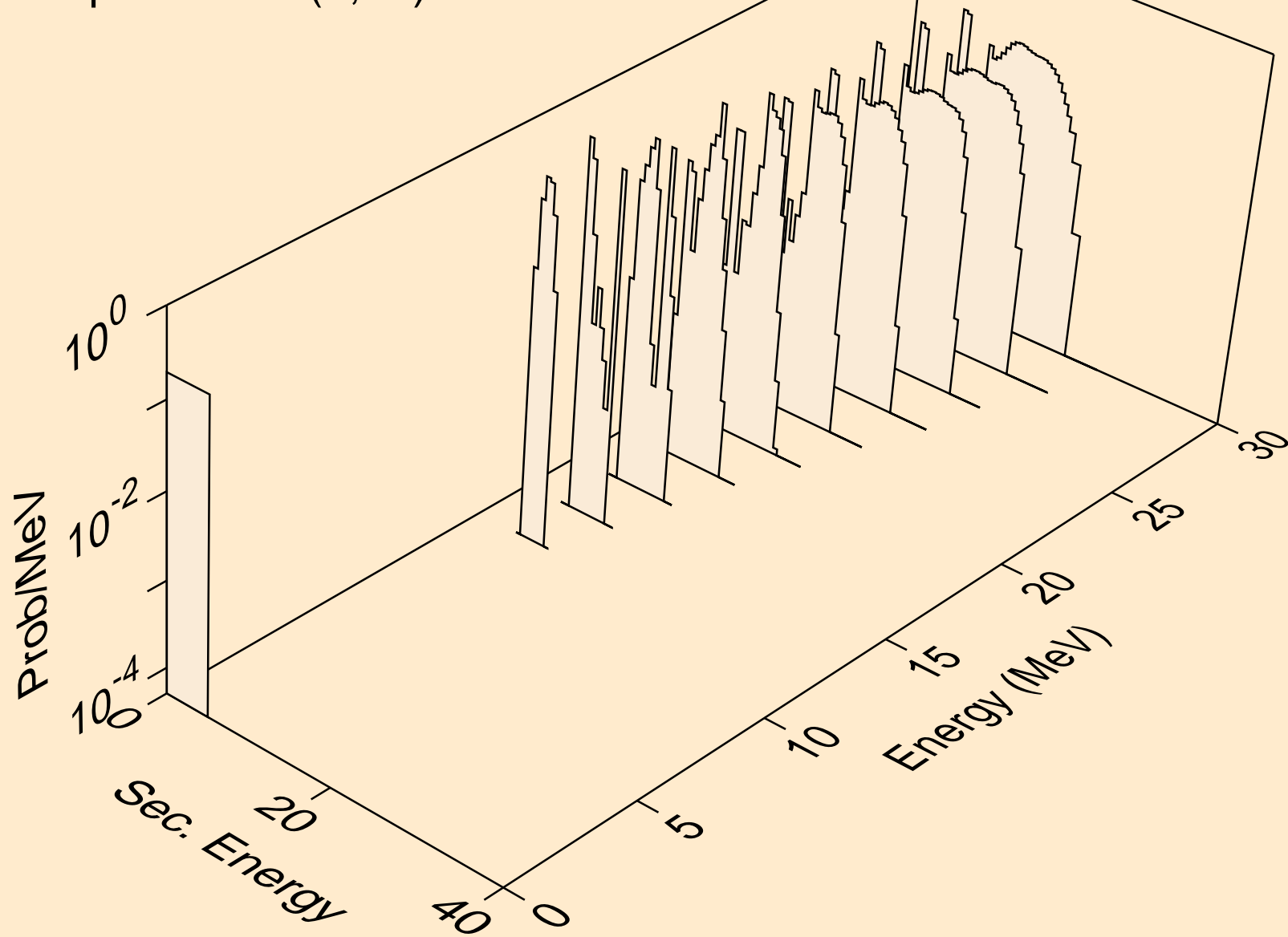
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

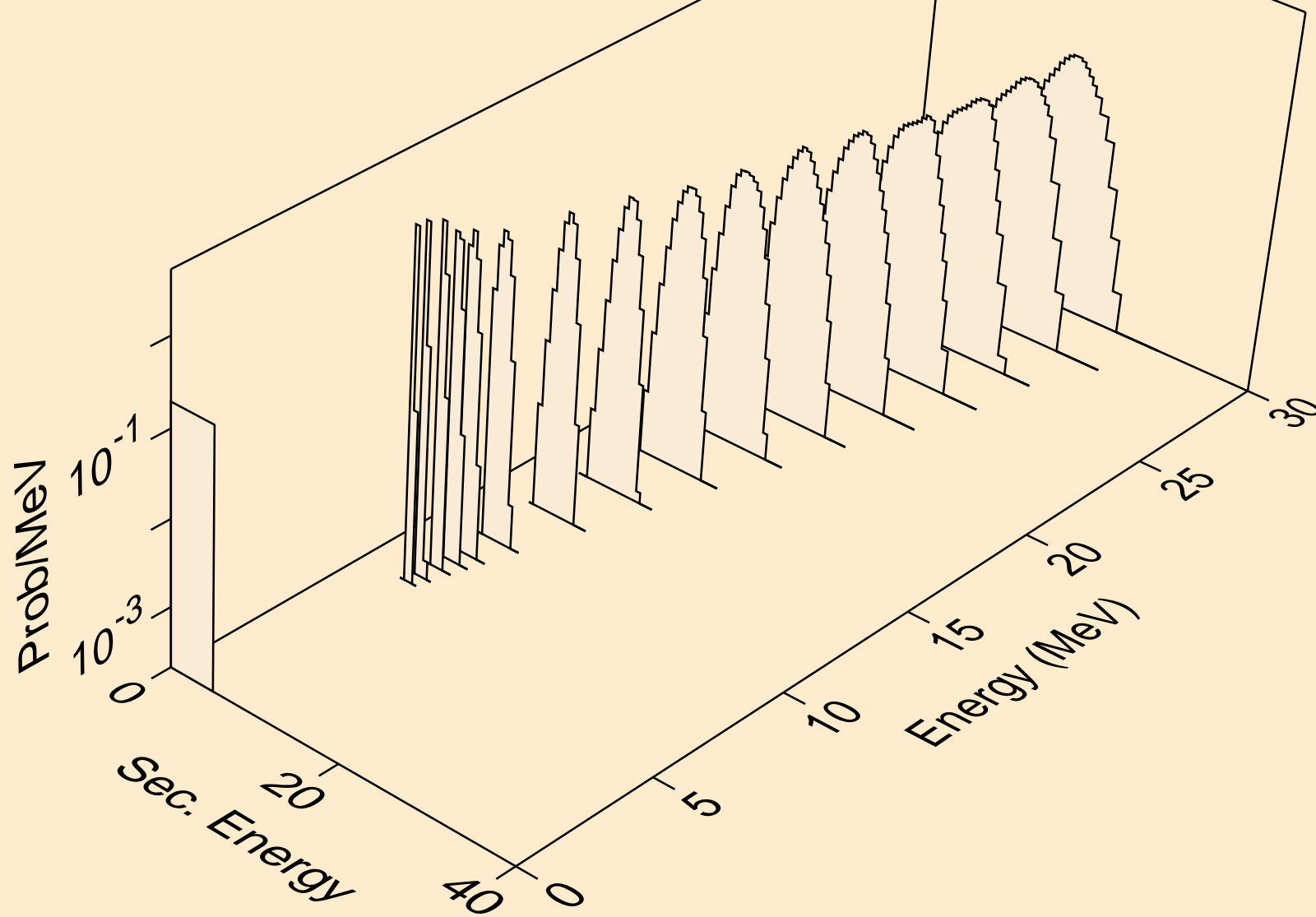


YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

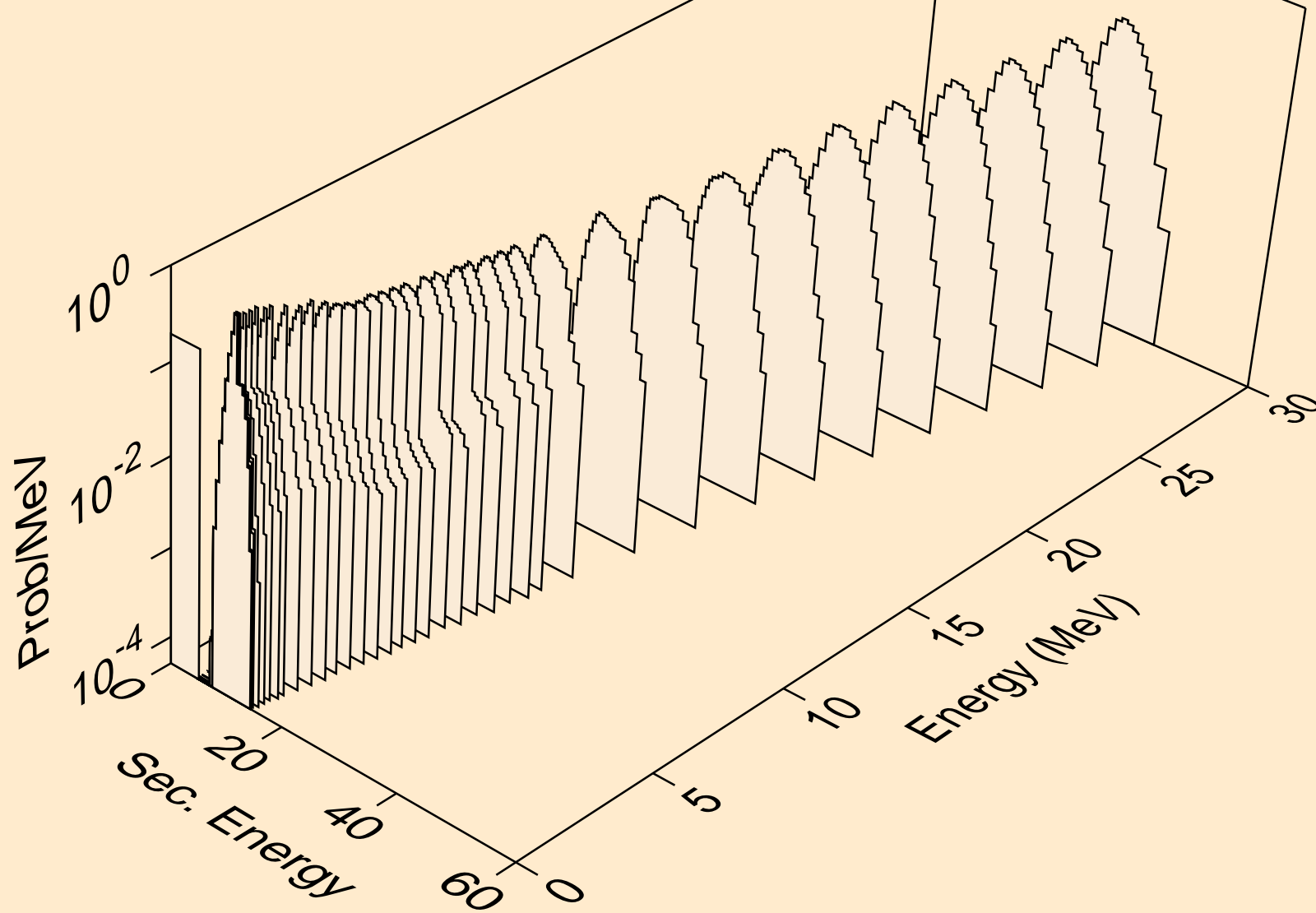




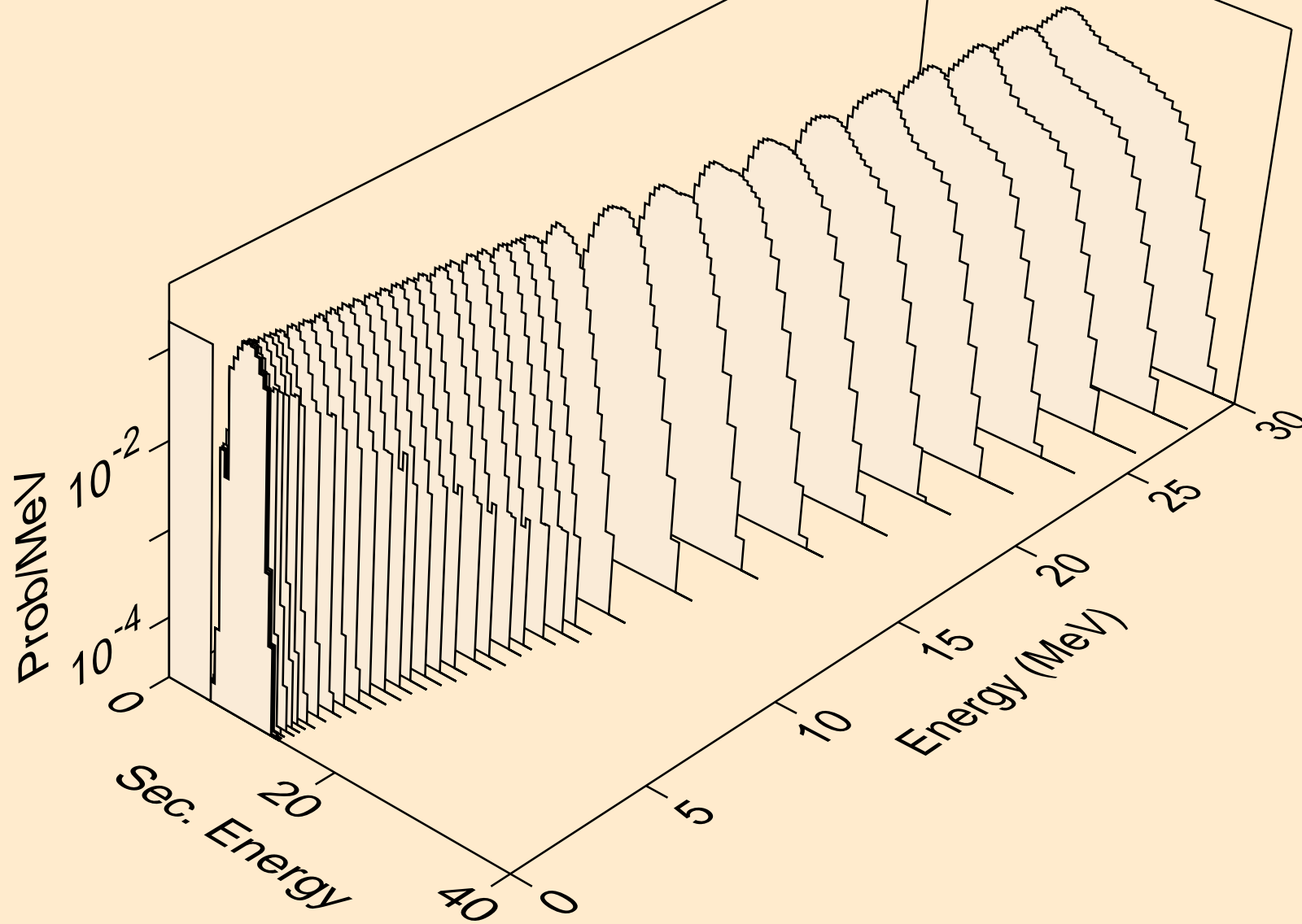
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



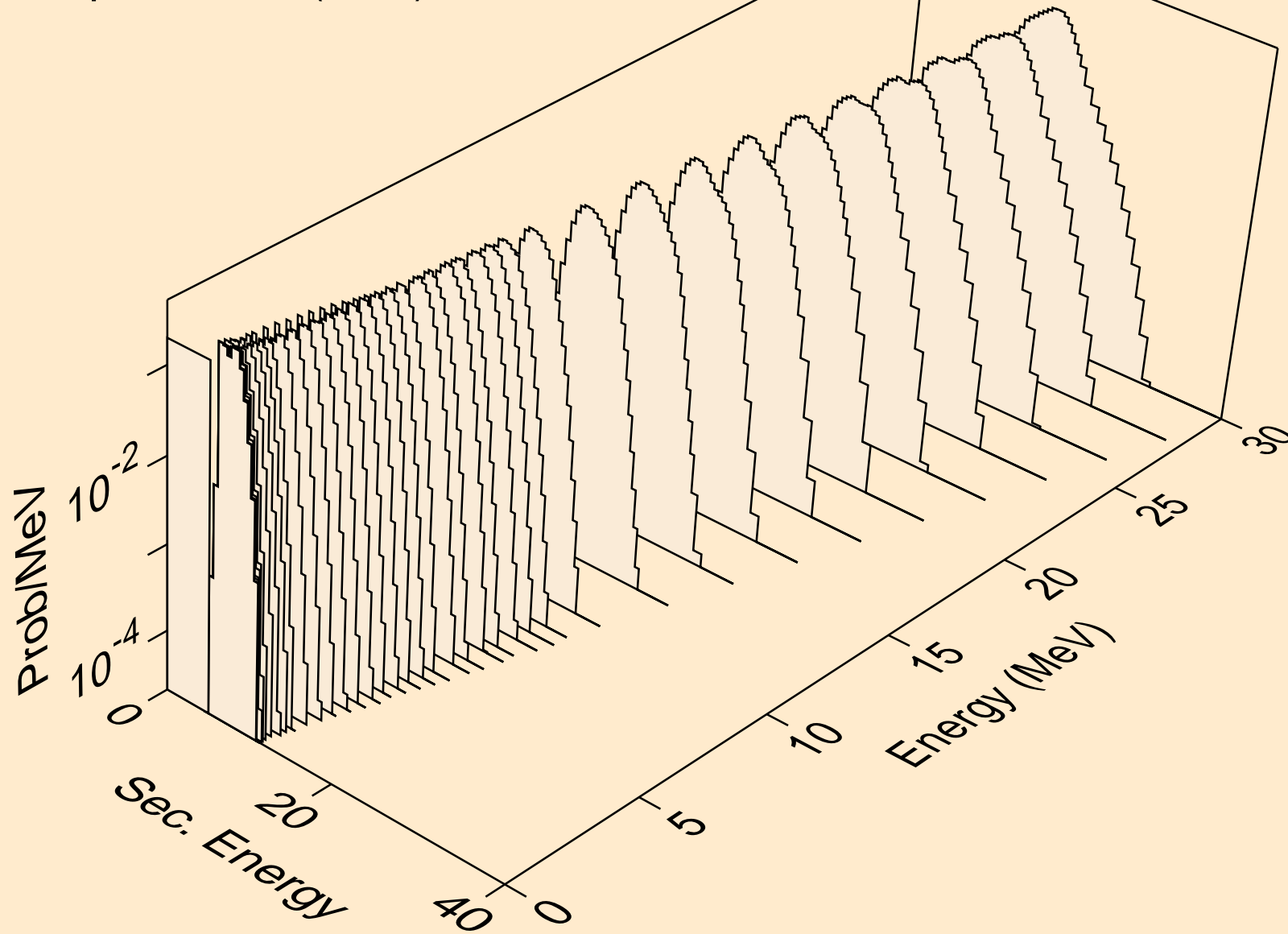
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



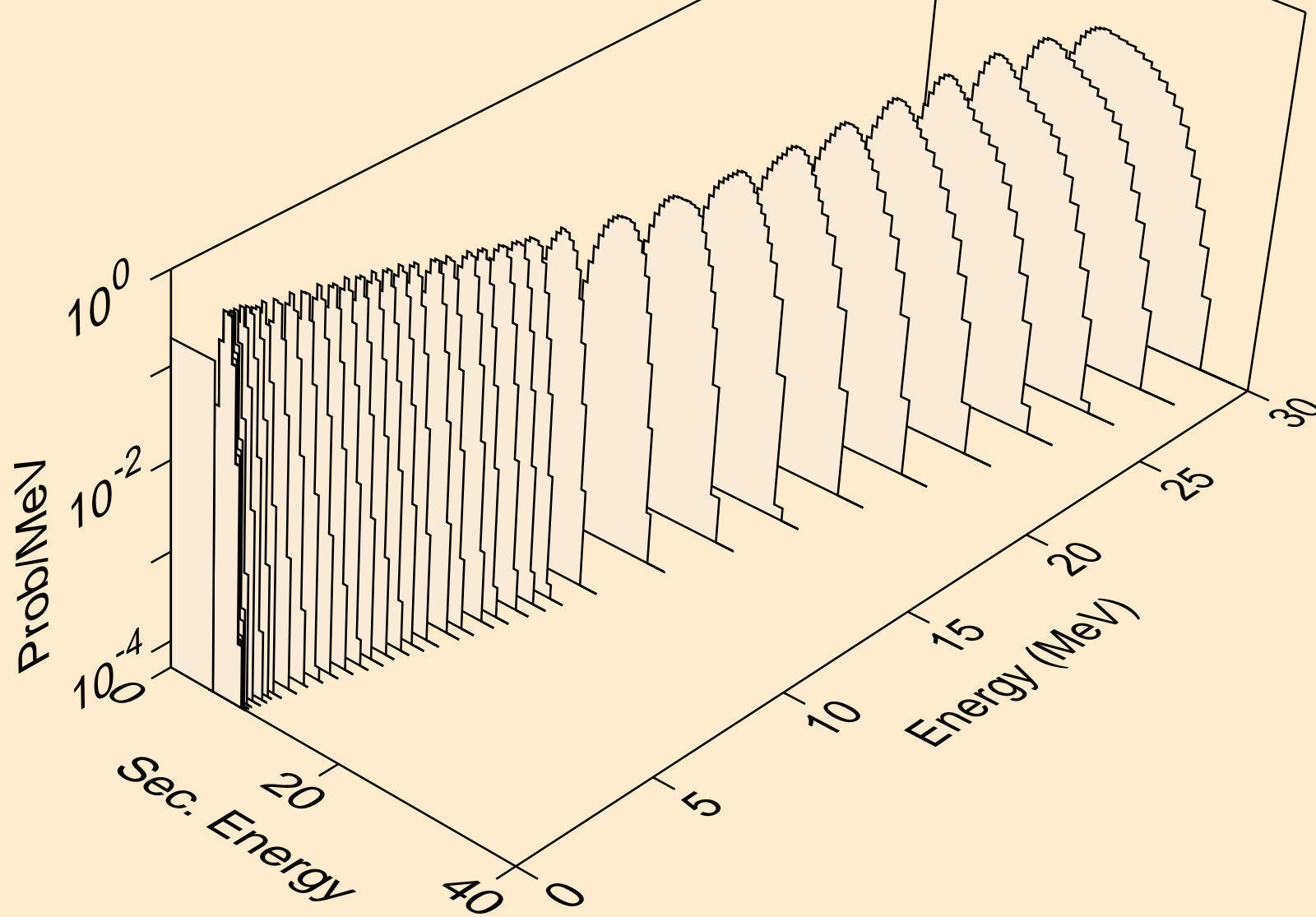
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



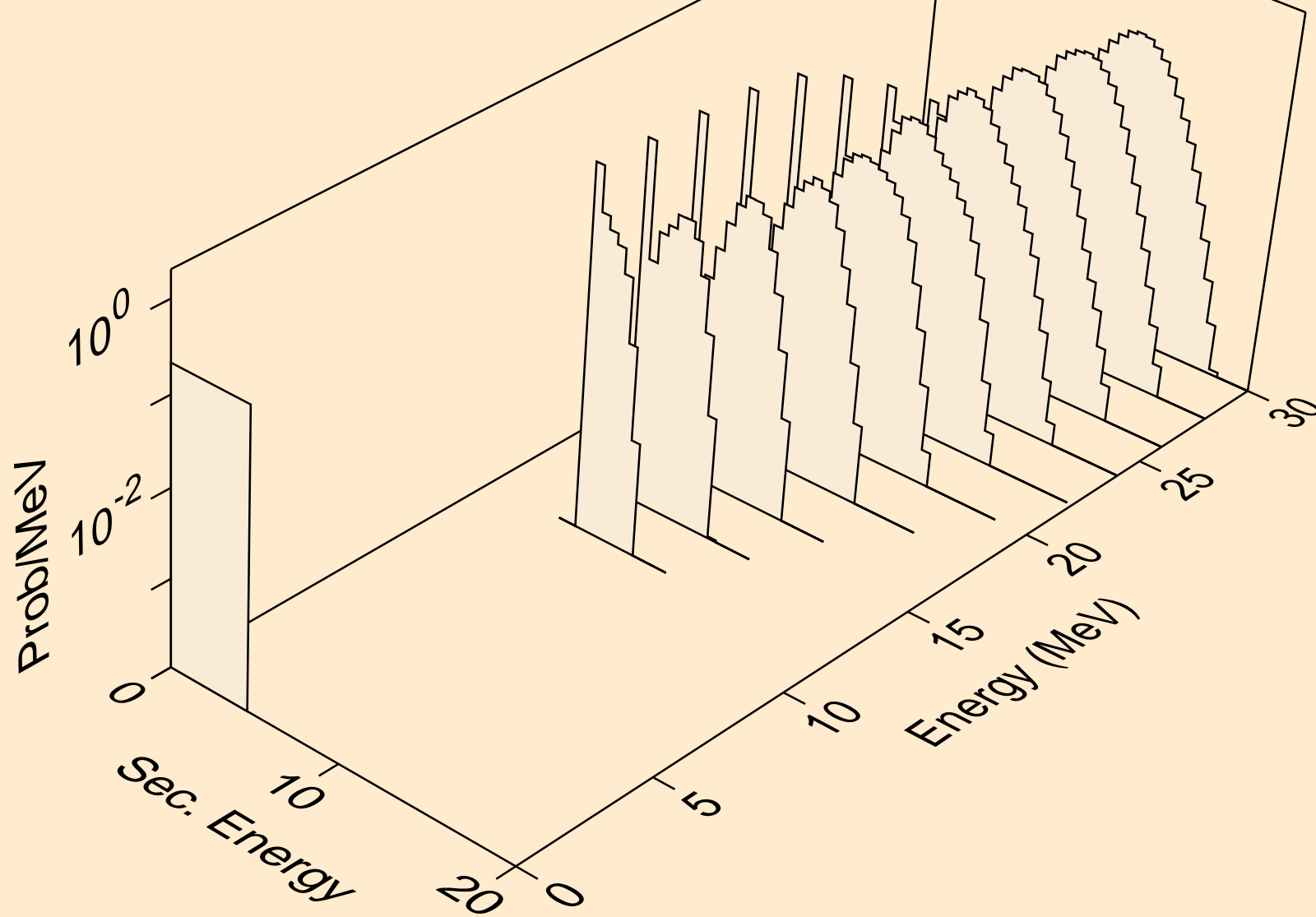
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



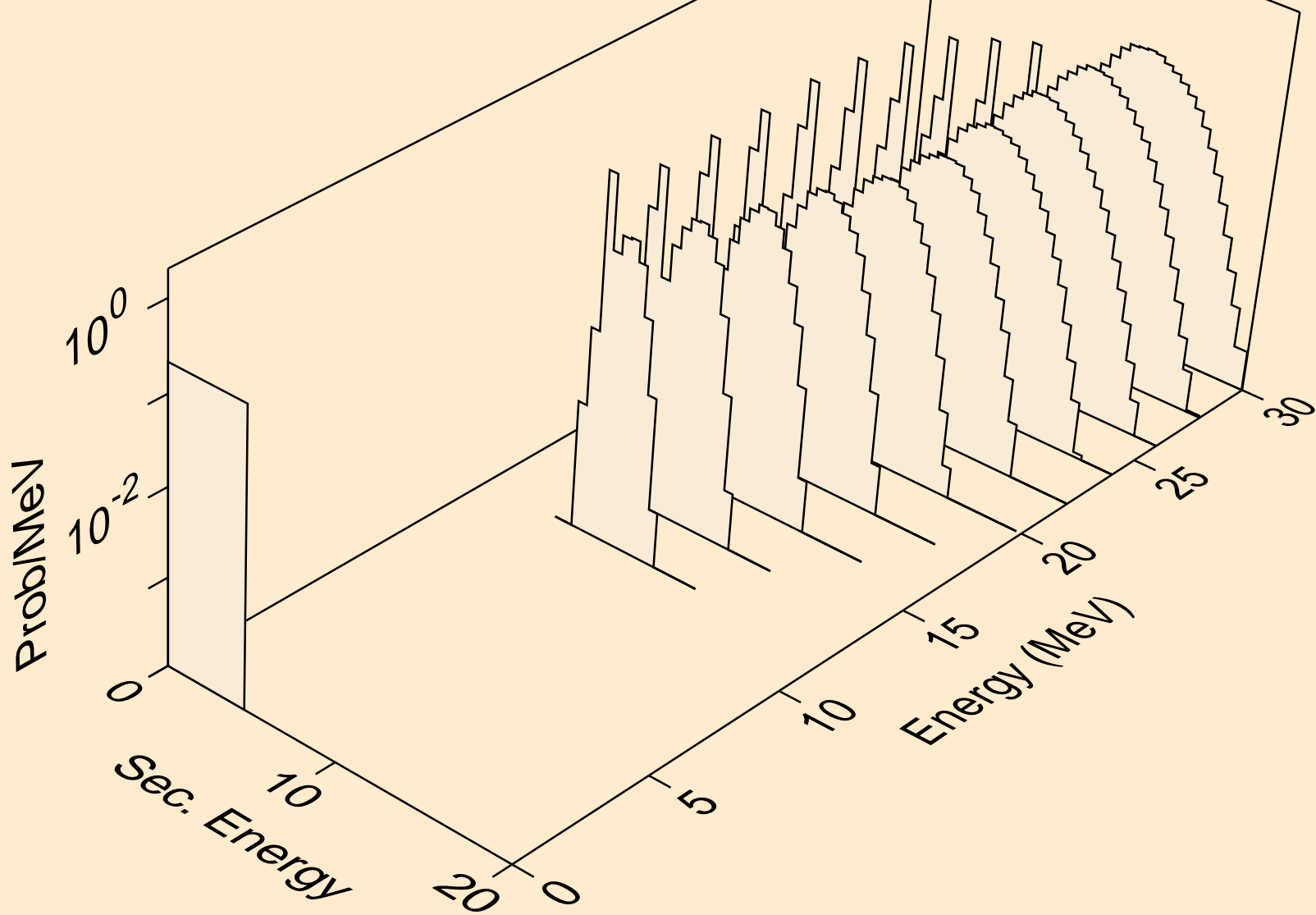
YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,t2a)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



YB157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

