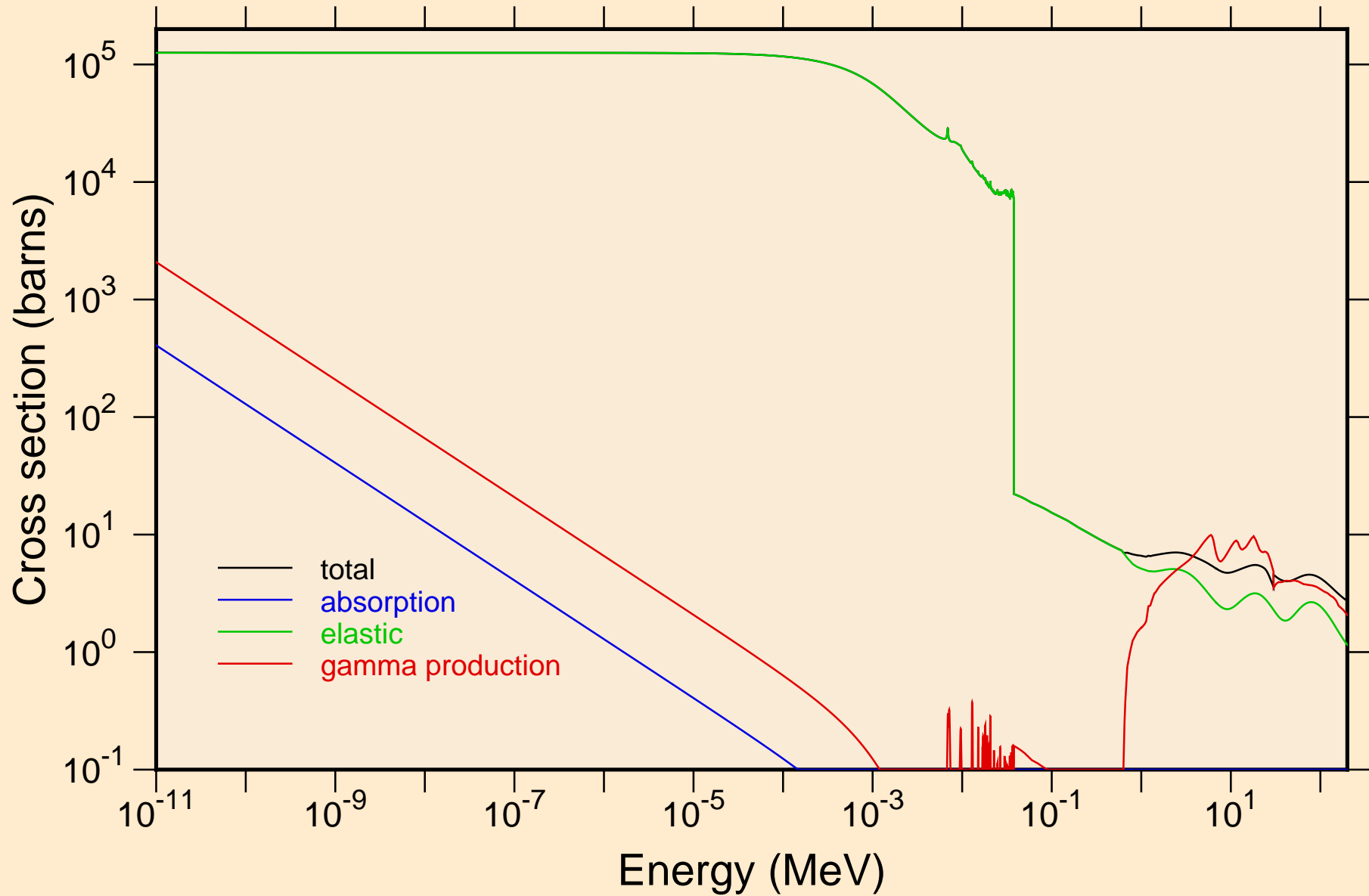
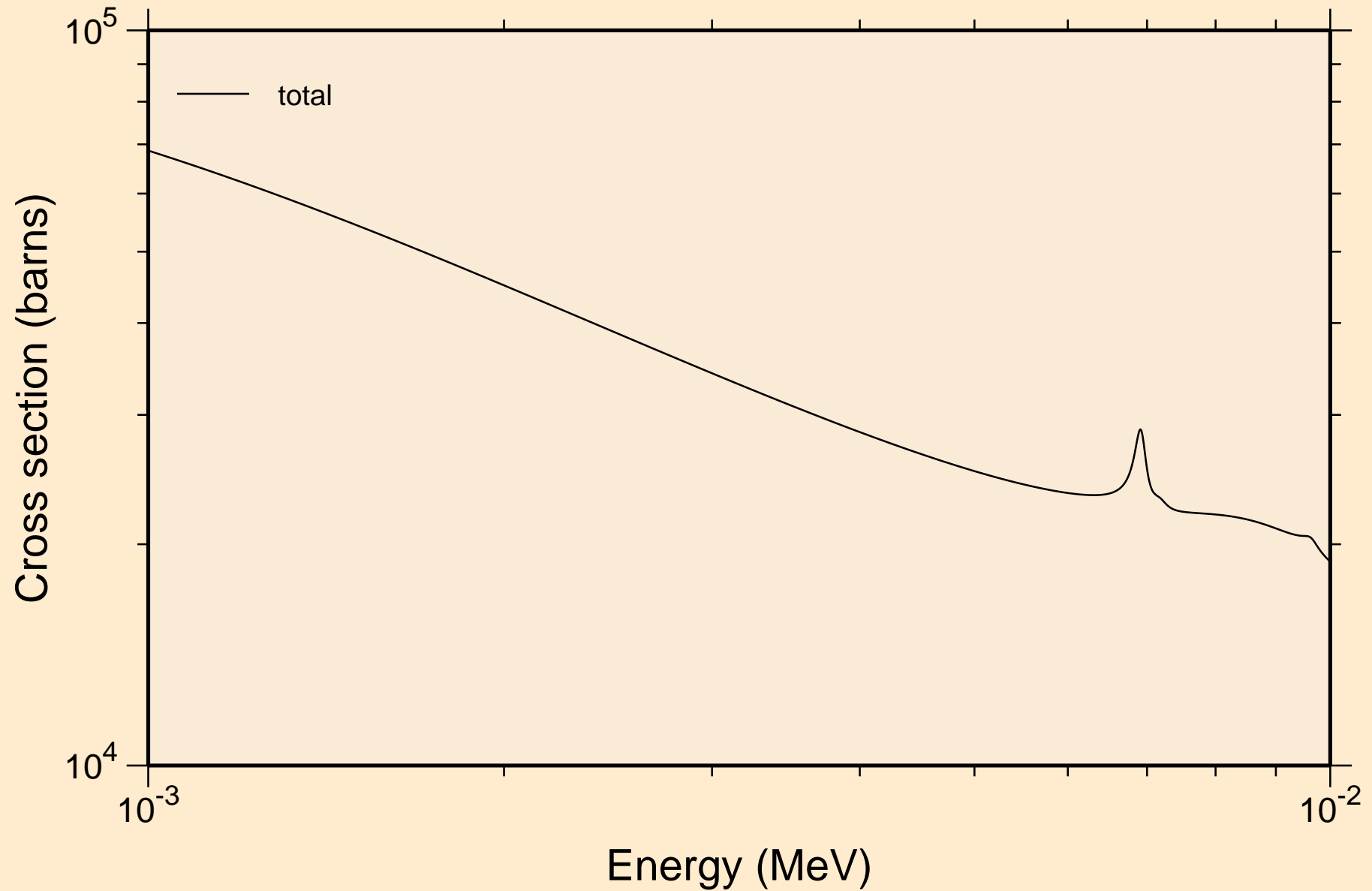


# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

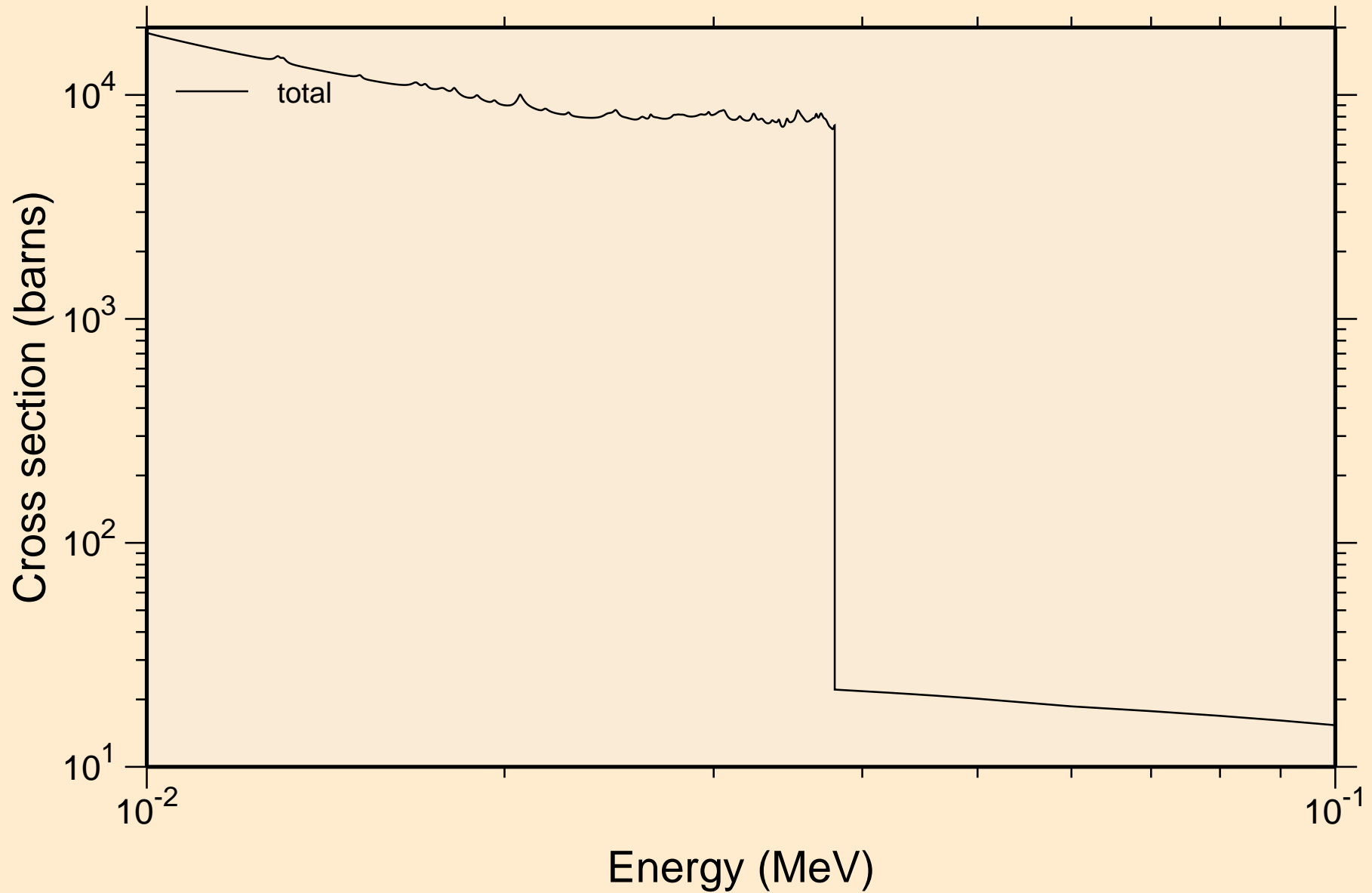
## Principal cross sections



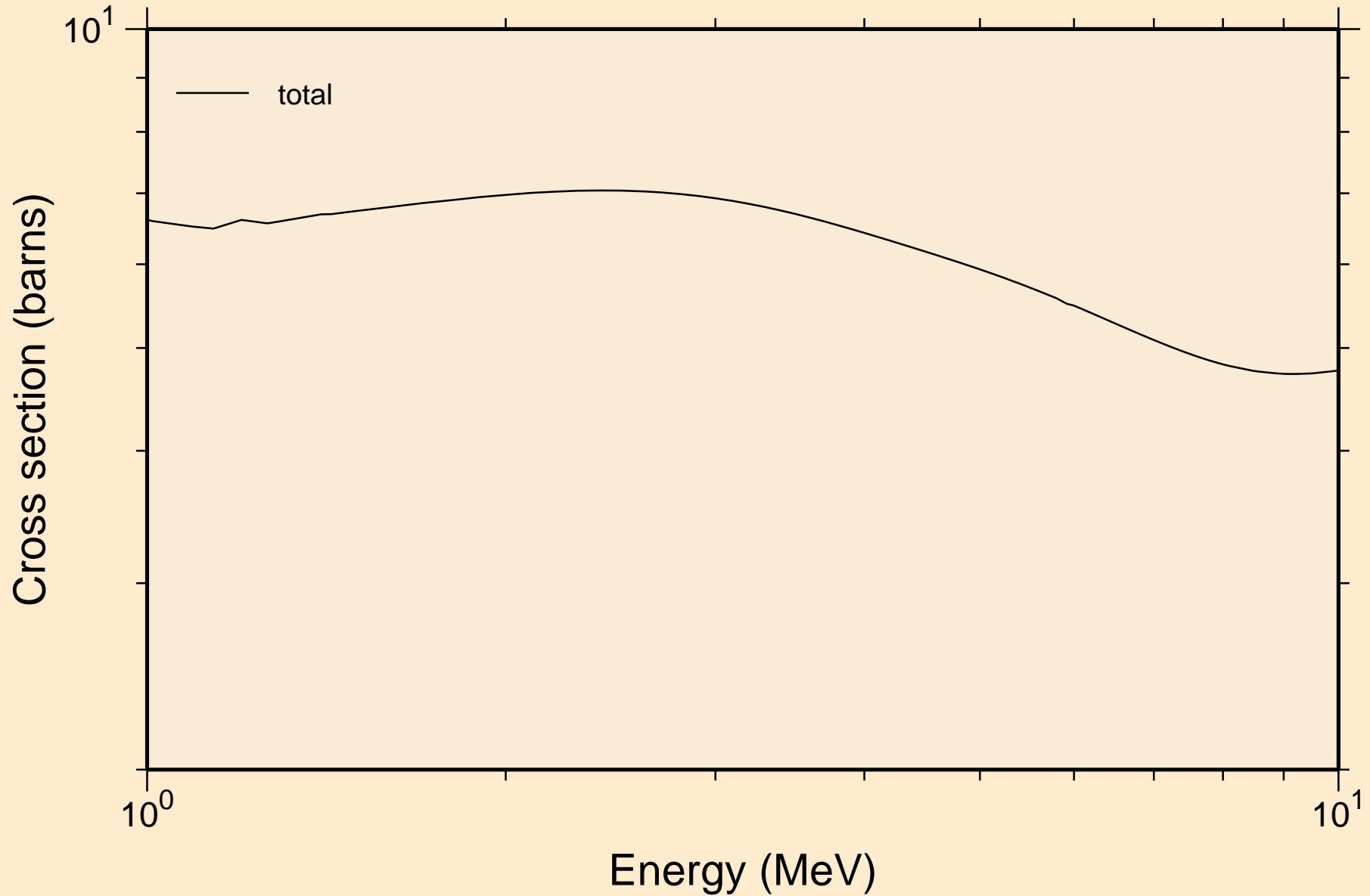
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



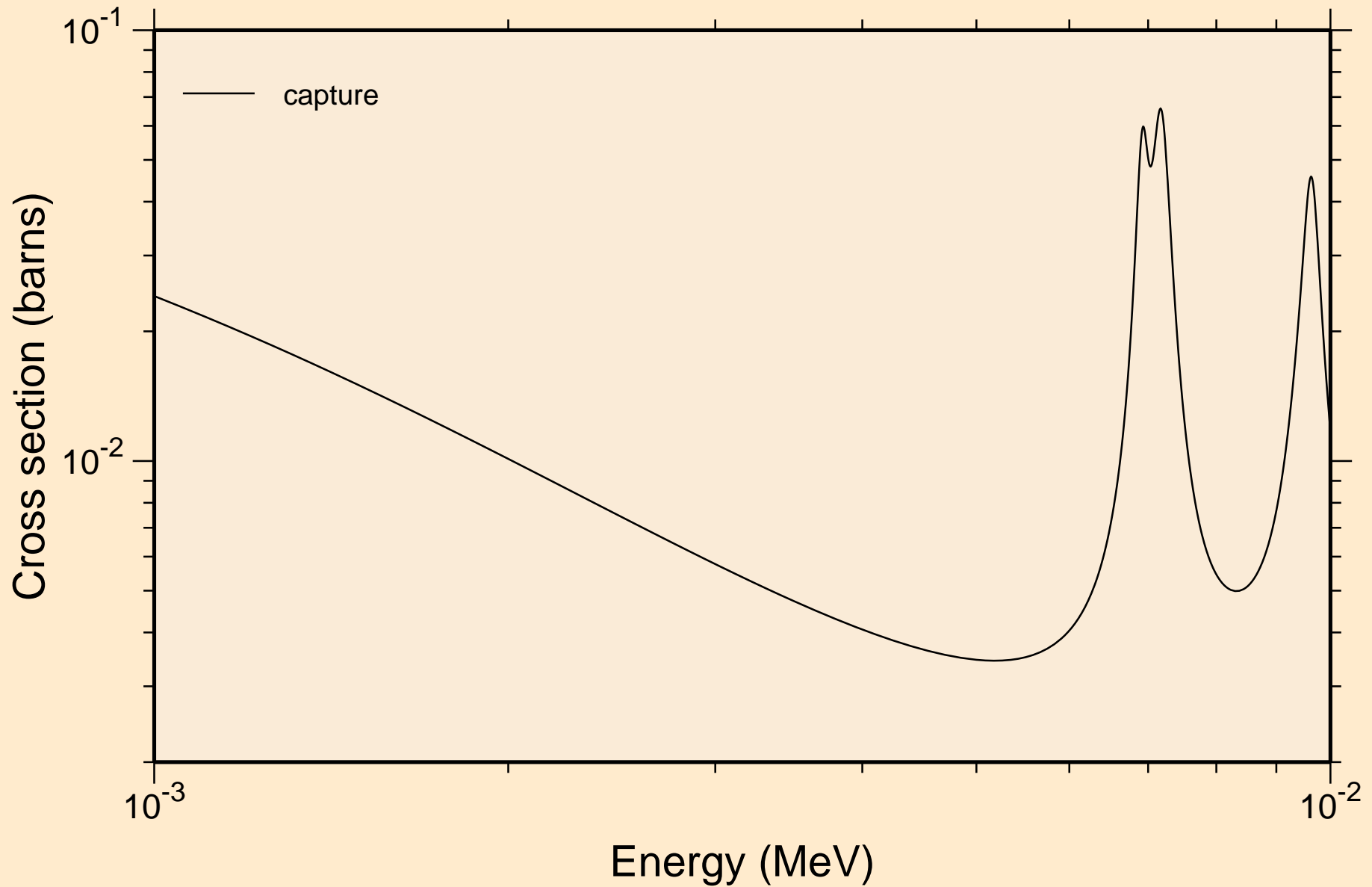
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



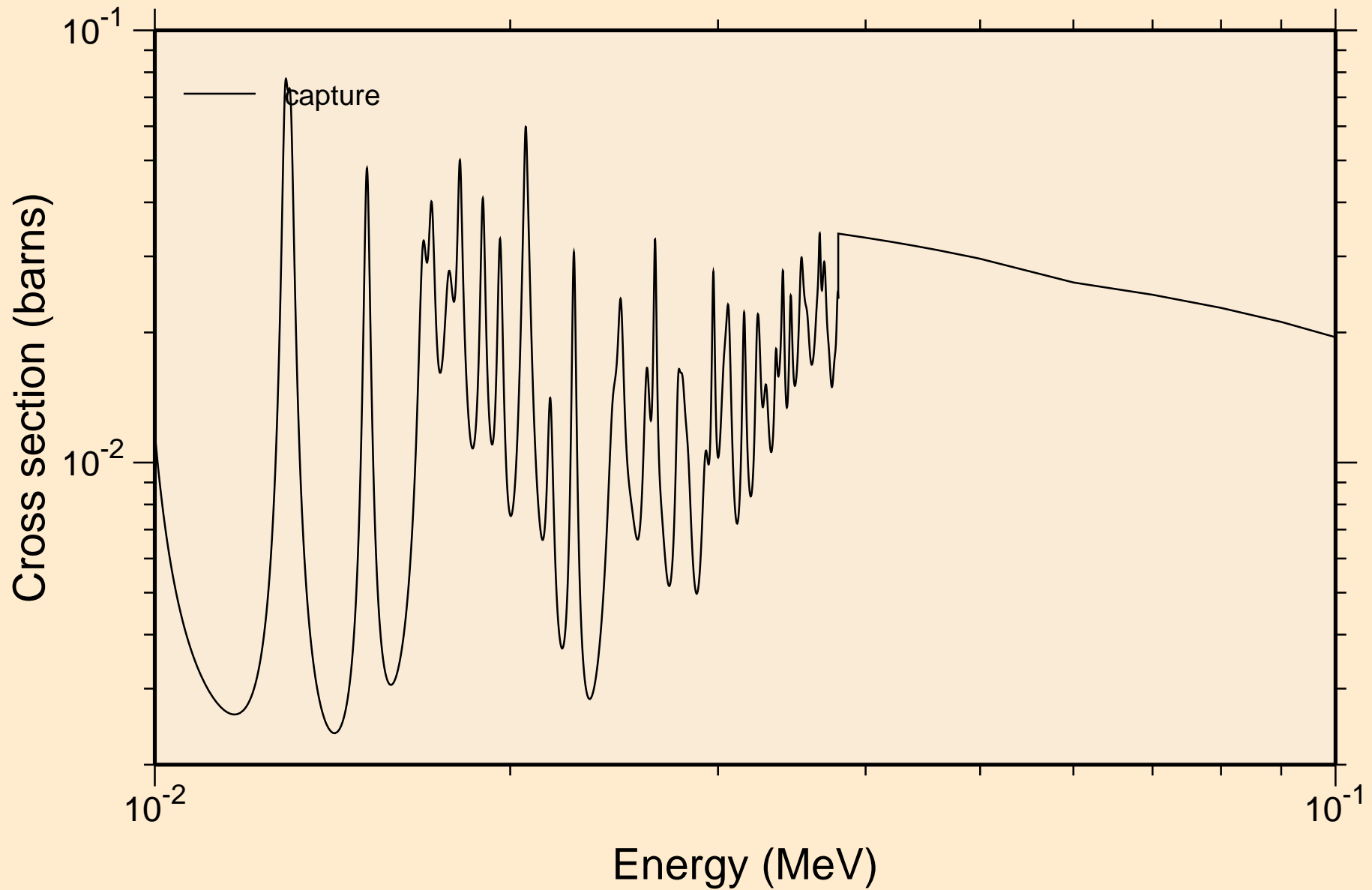
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resonance total cross section



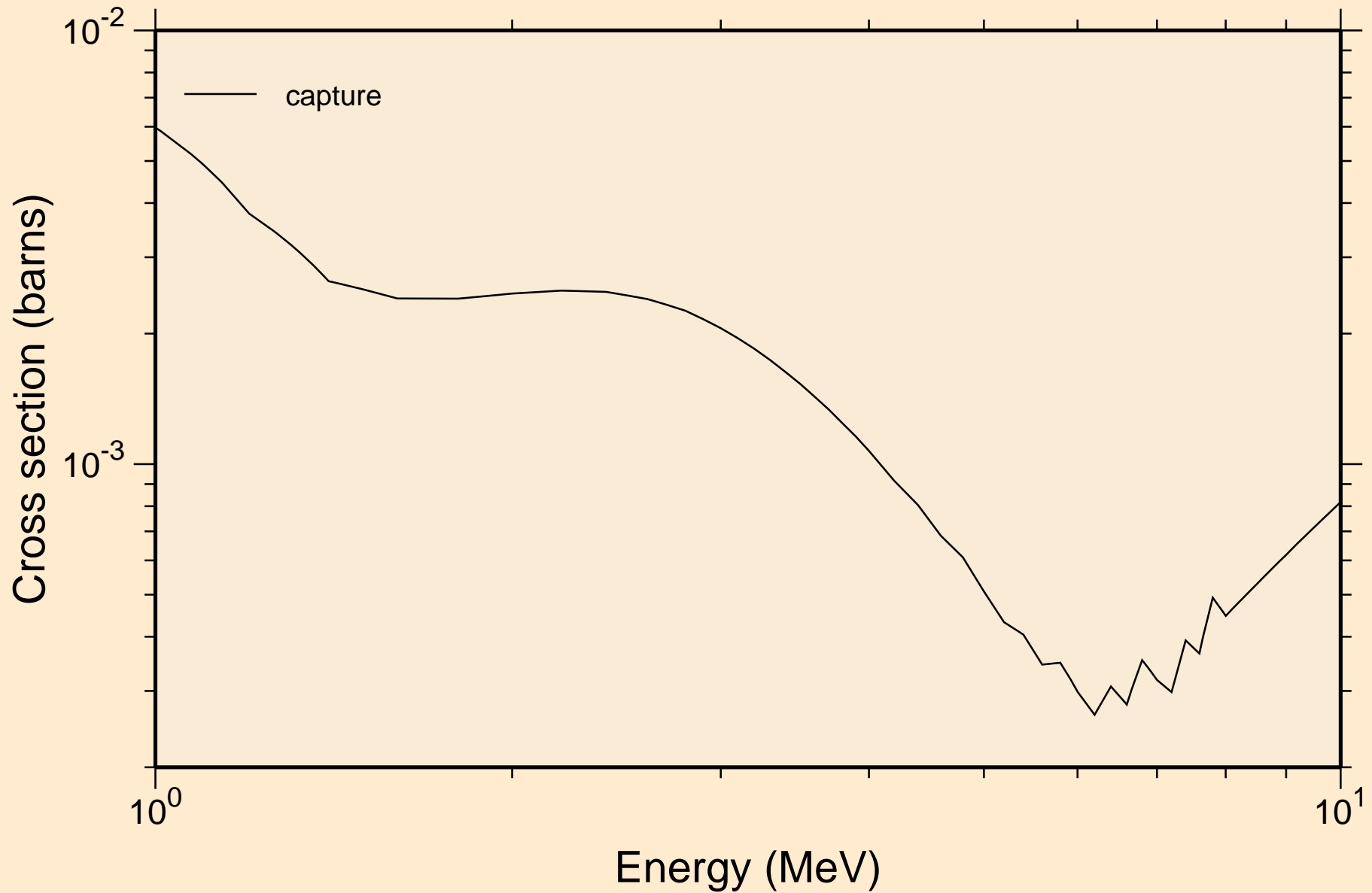
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



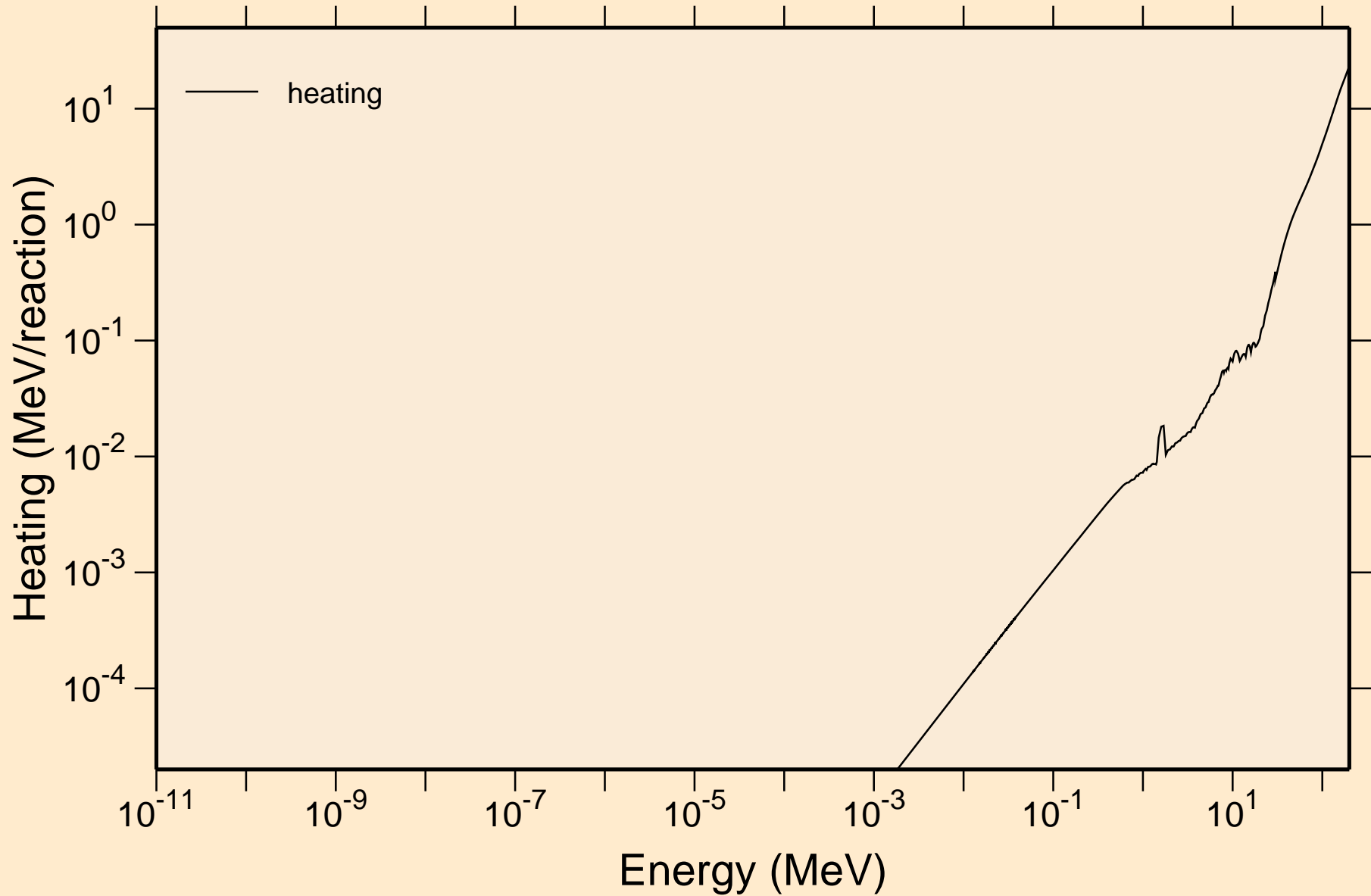
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

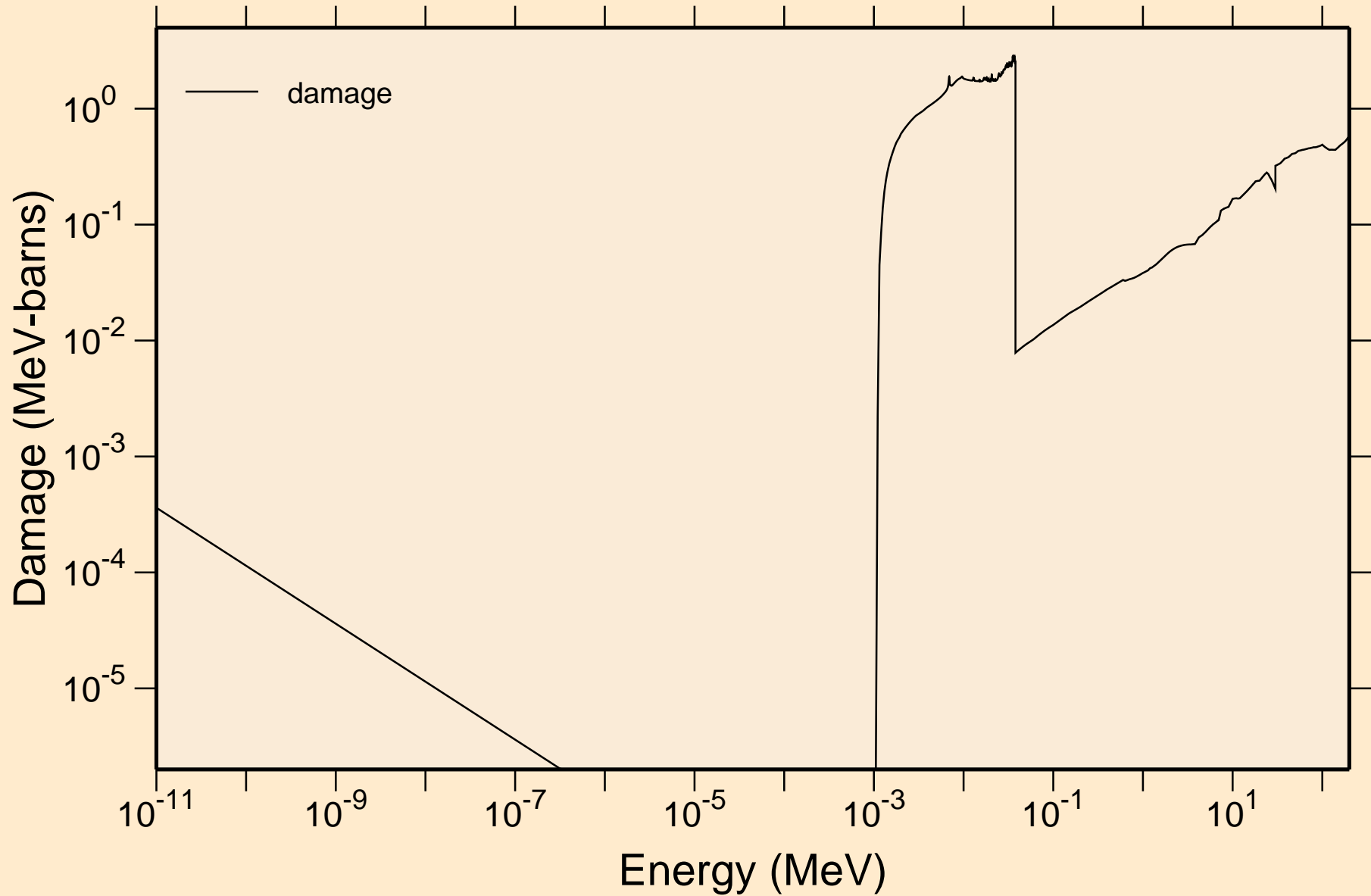


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

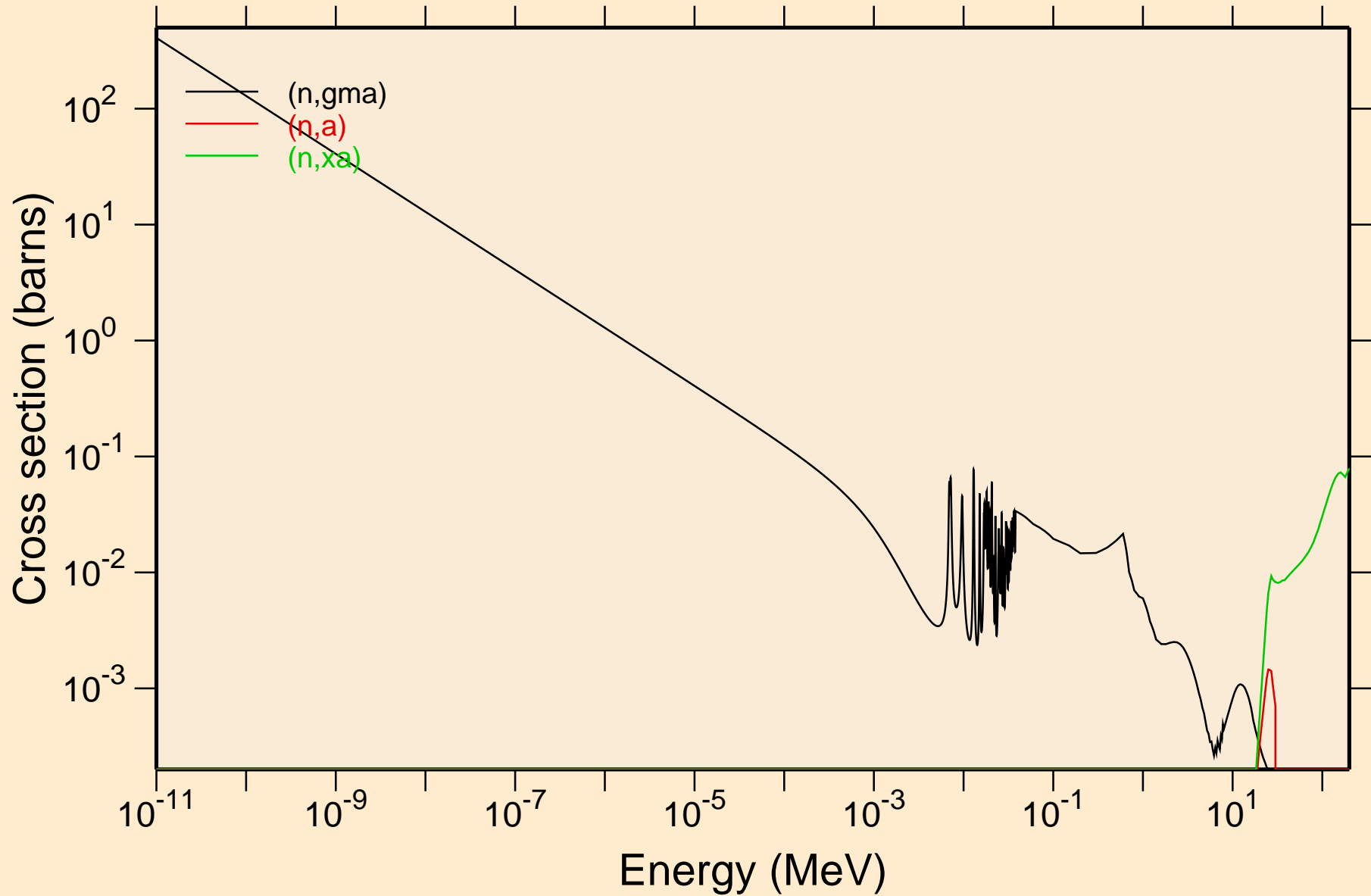




YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

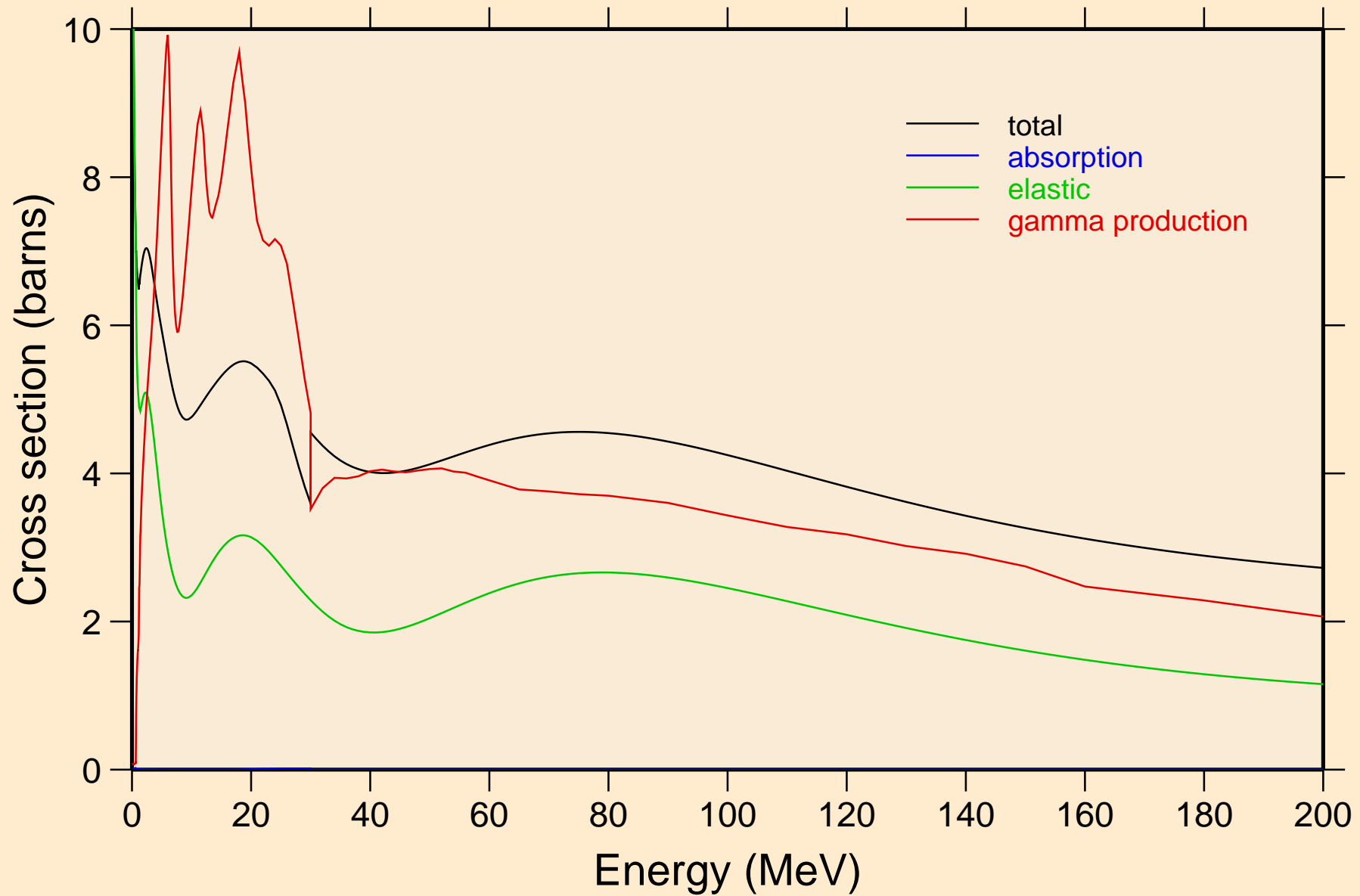


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



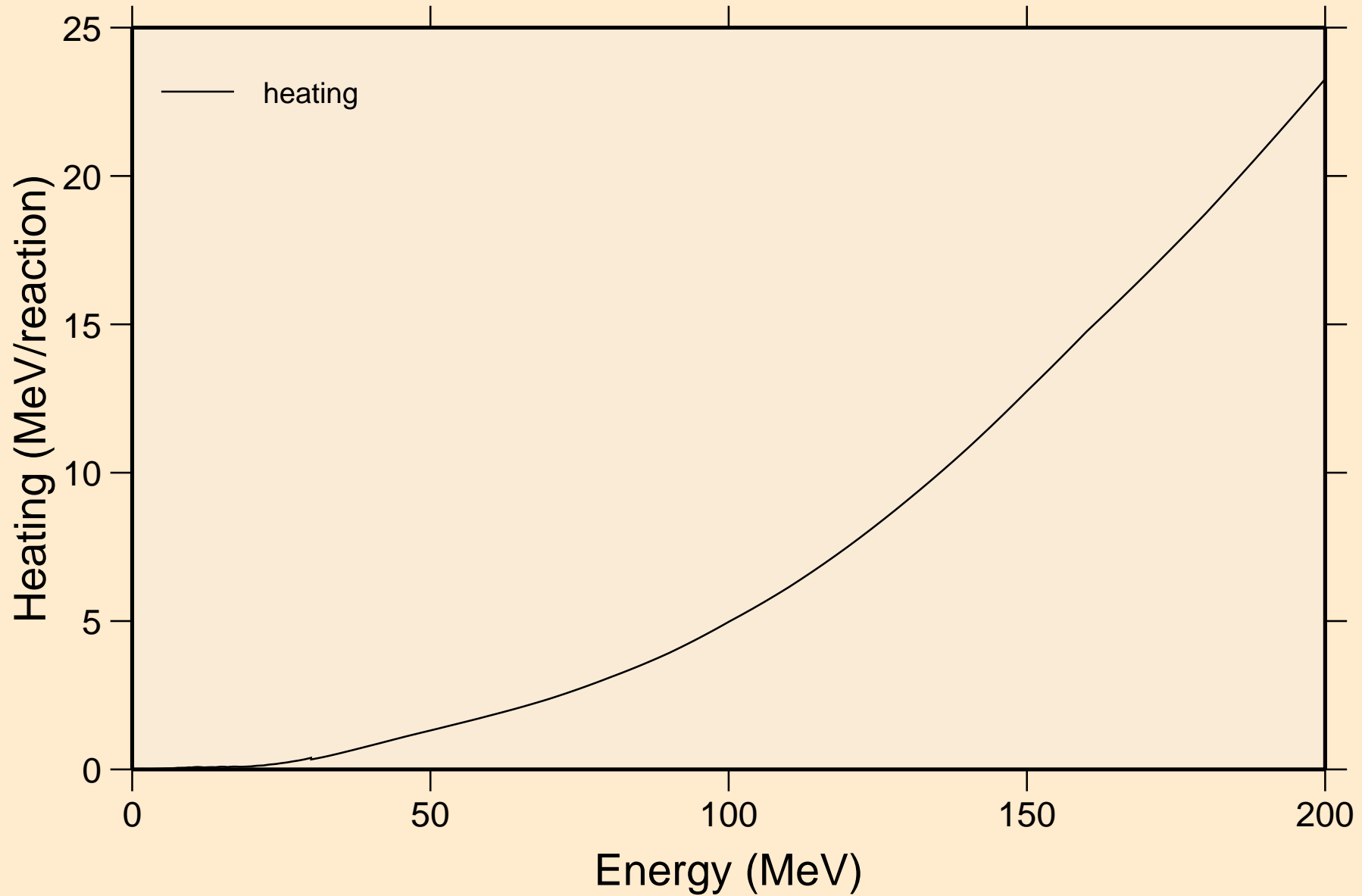
# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



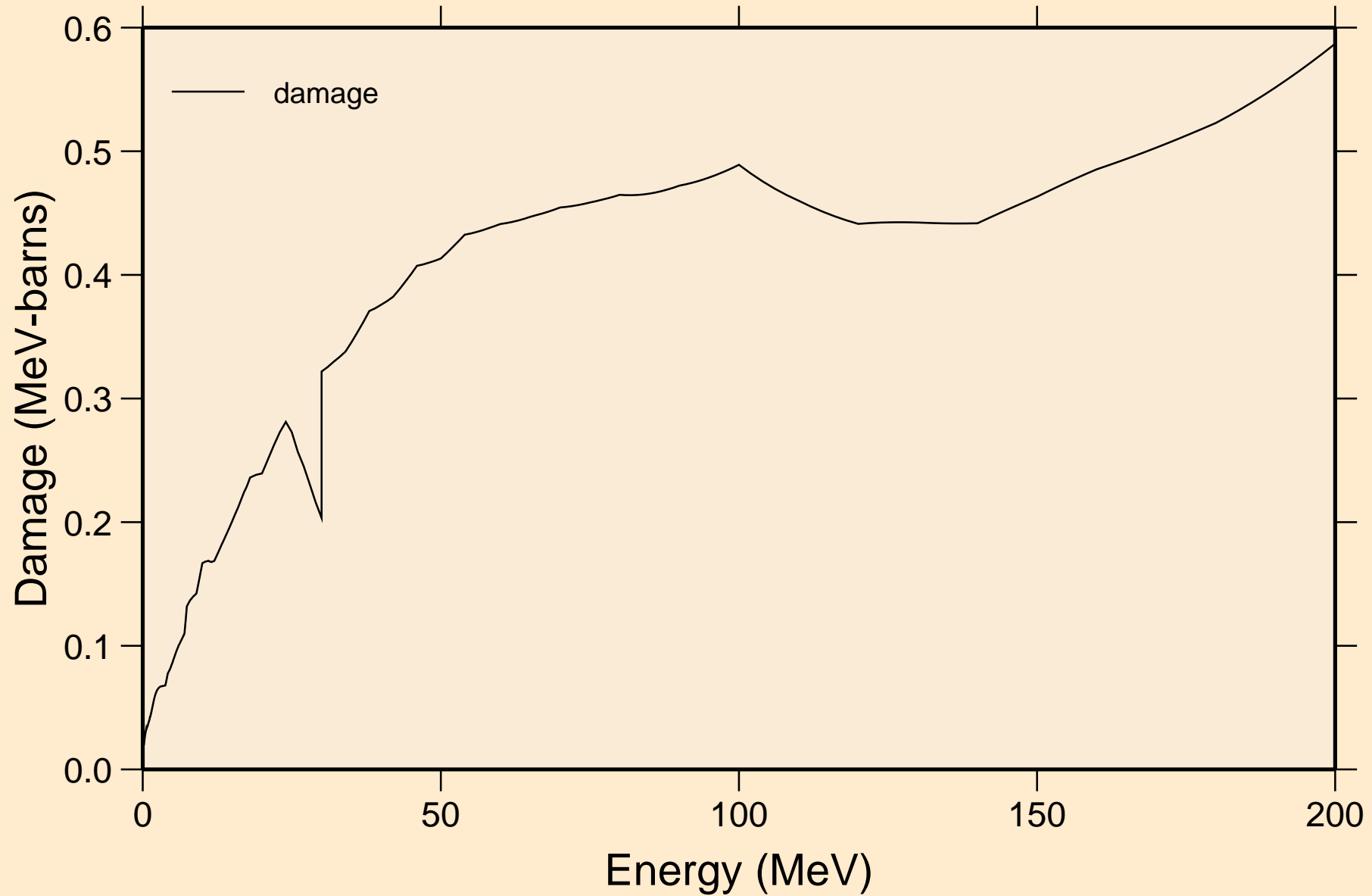
# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



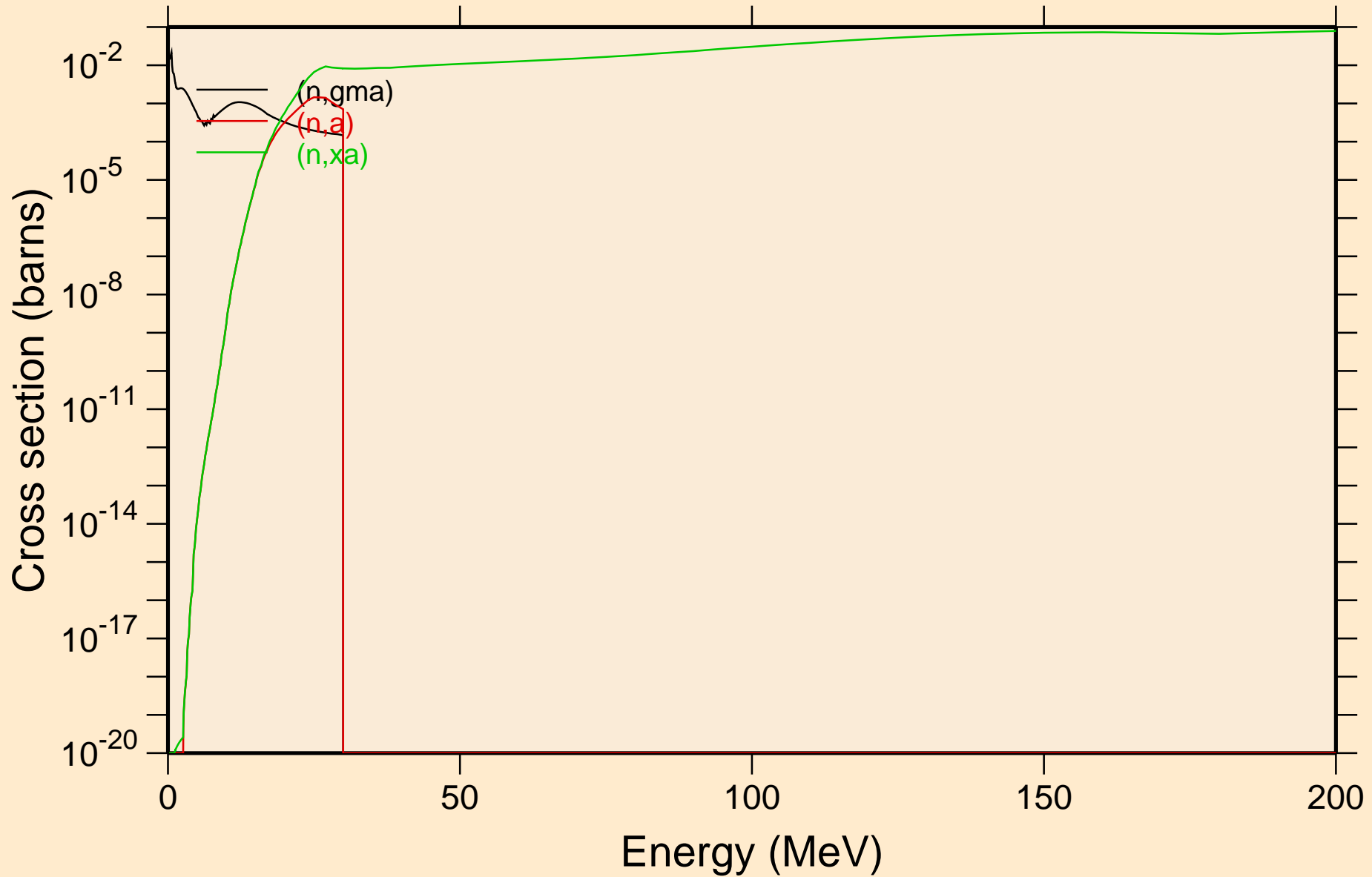
# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

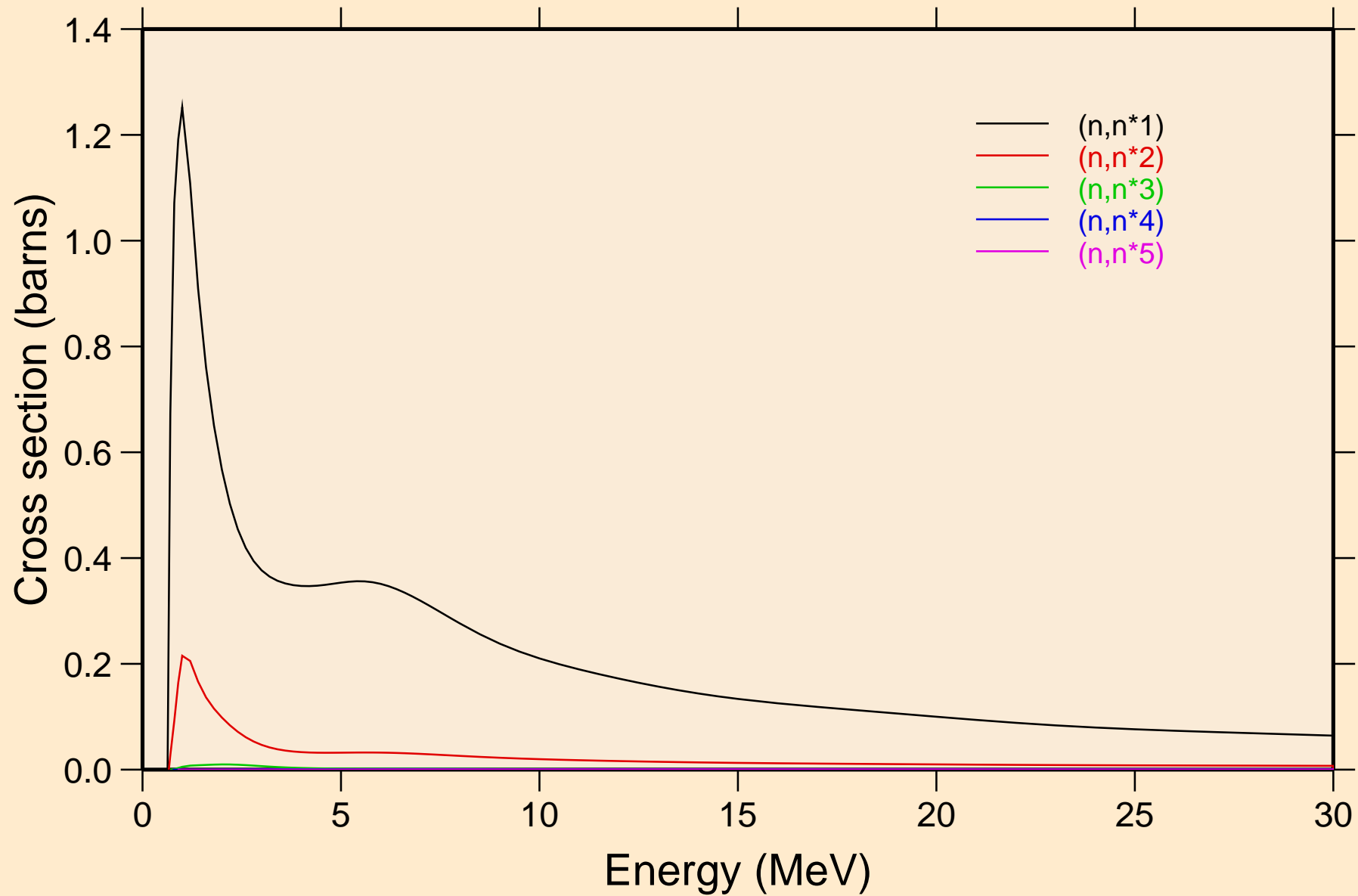


# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

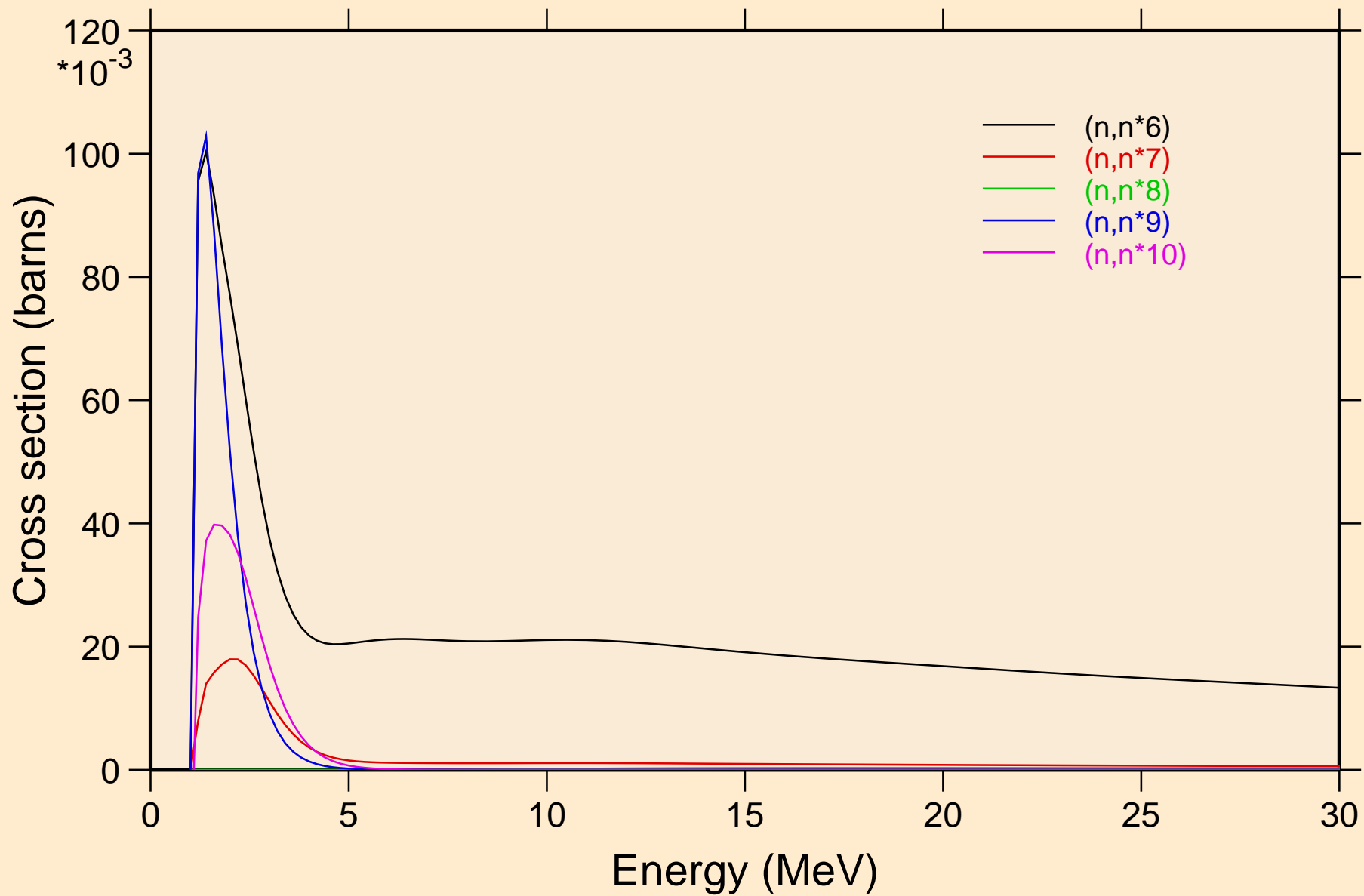
## Non-threshold reactions



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

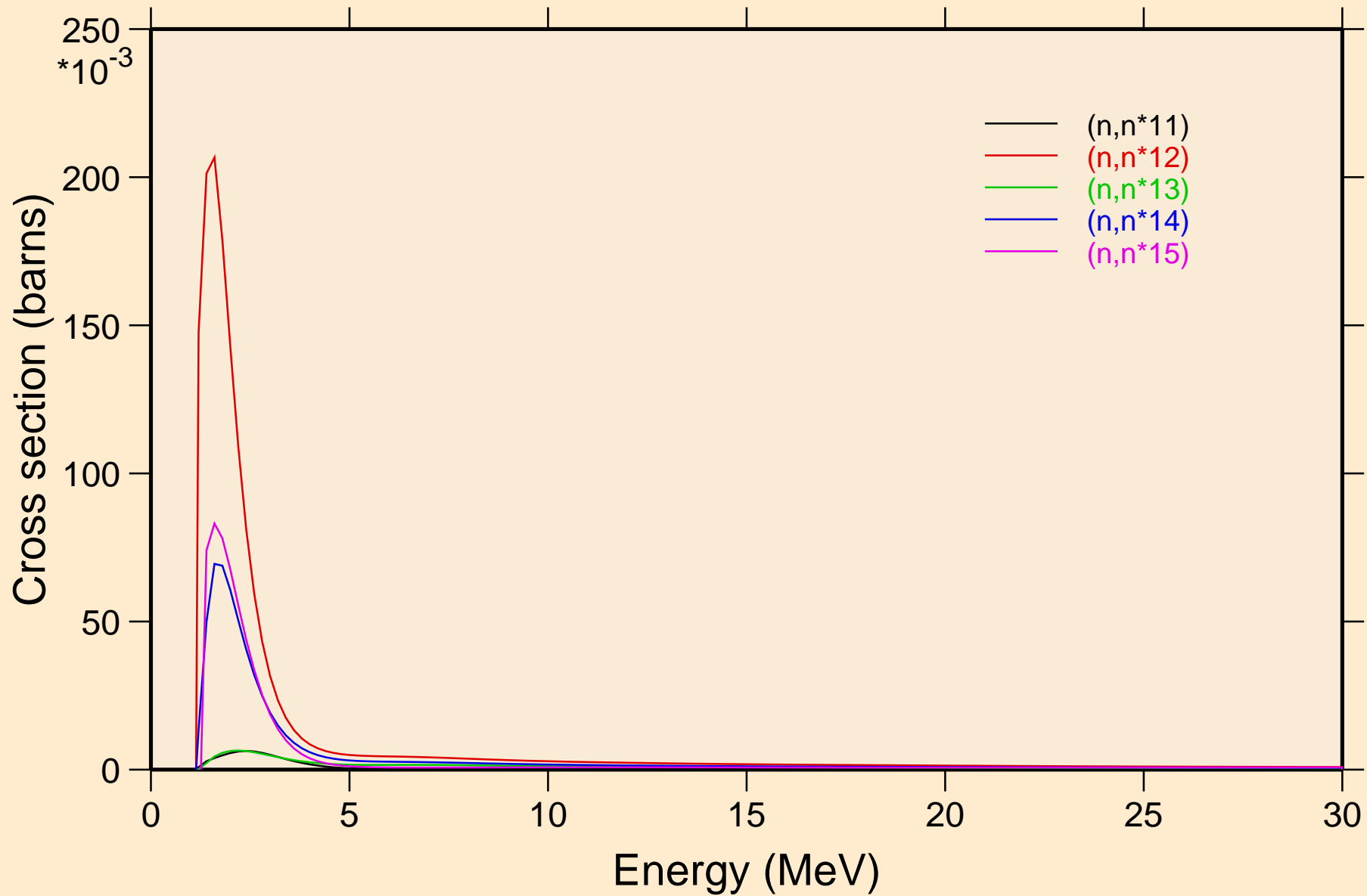


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

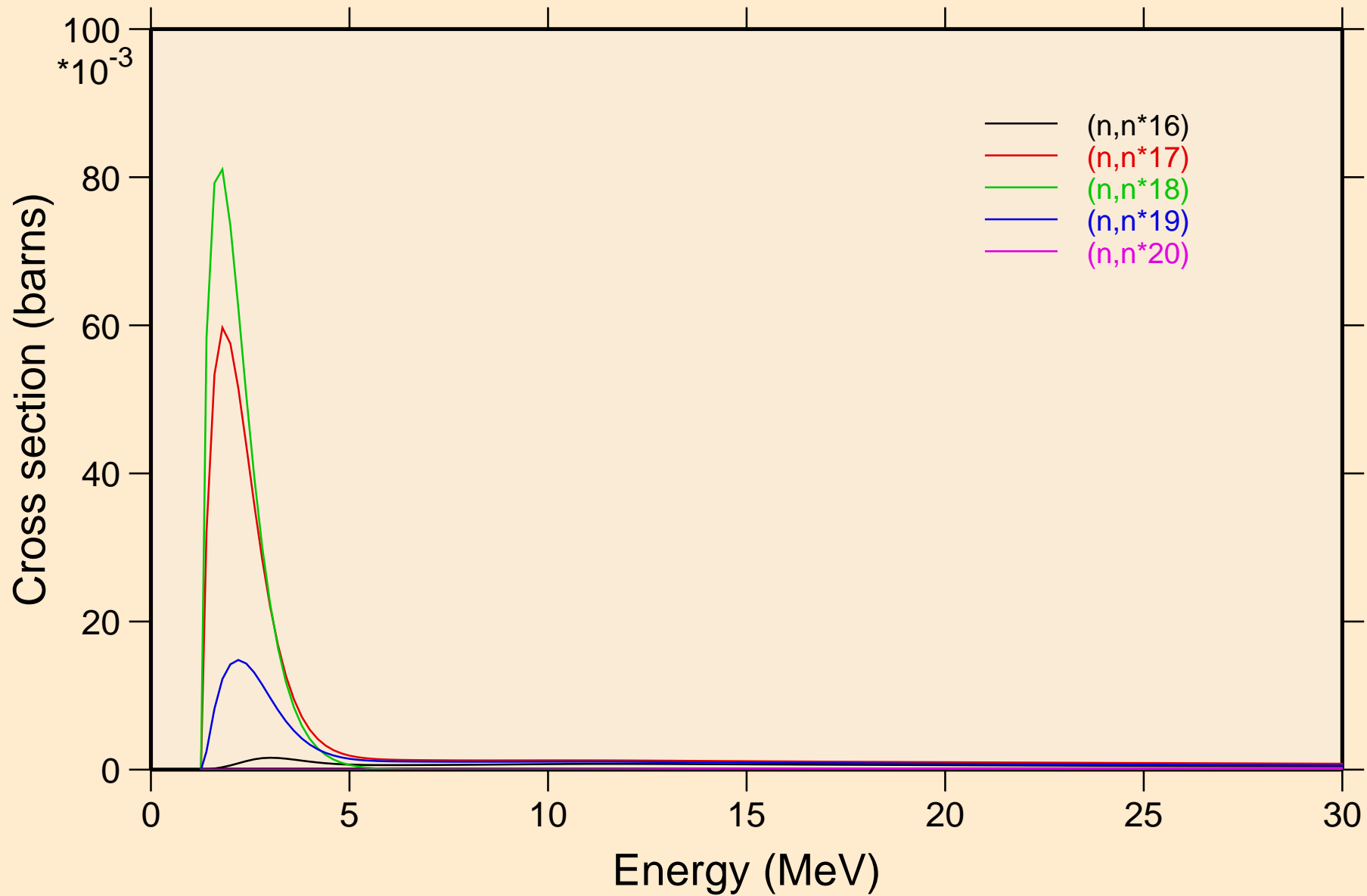




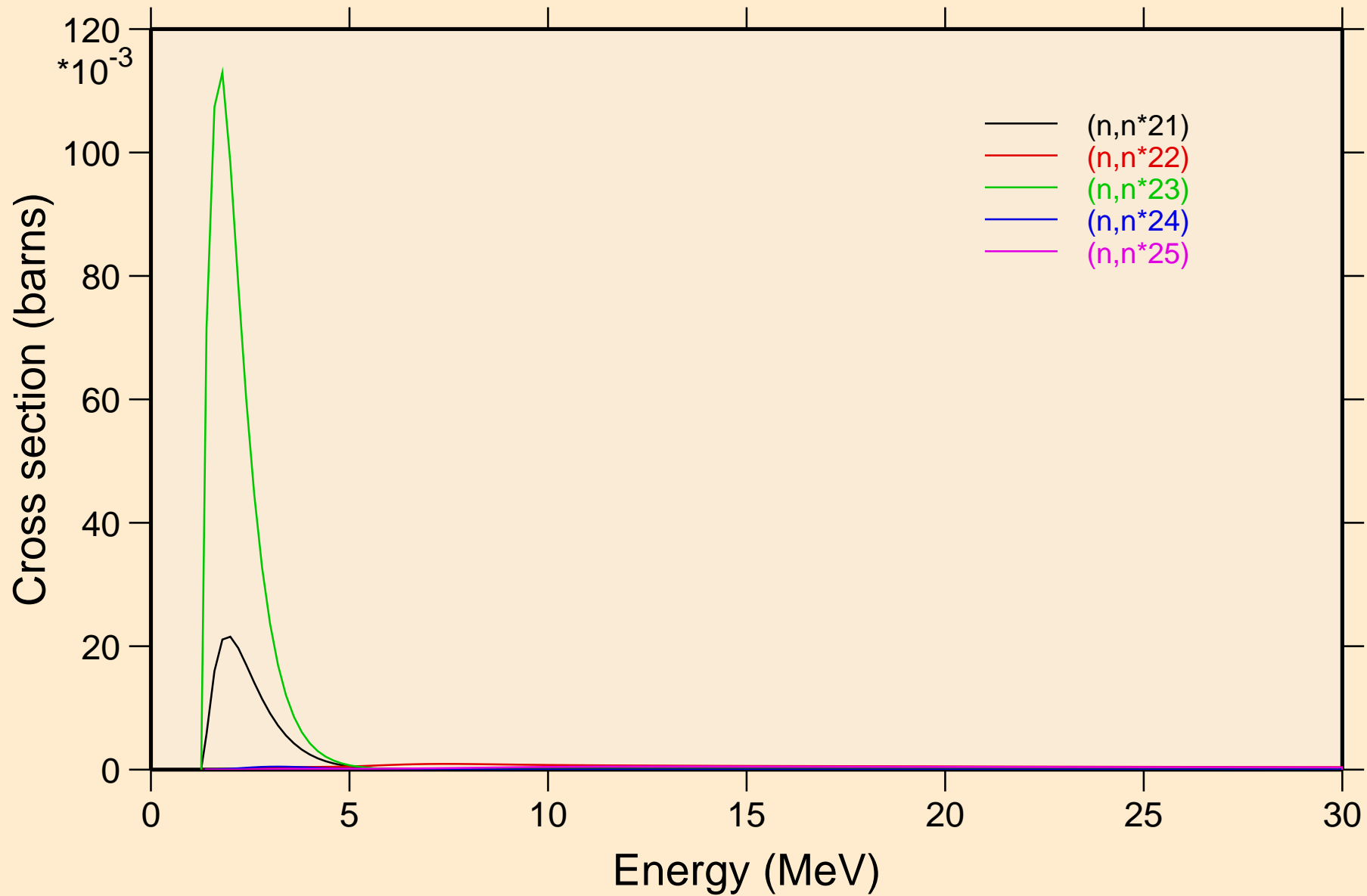
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



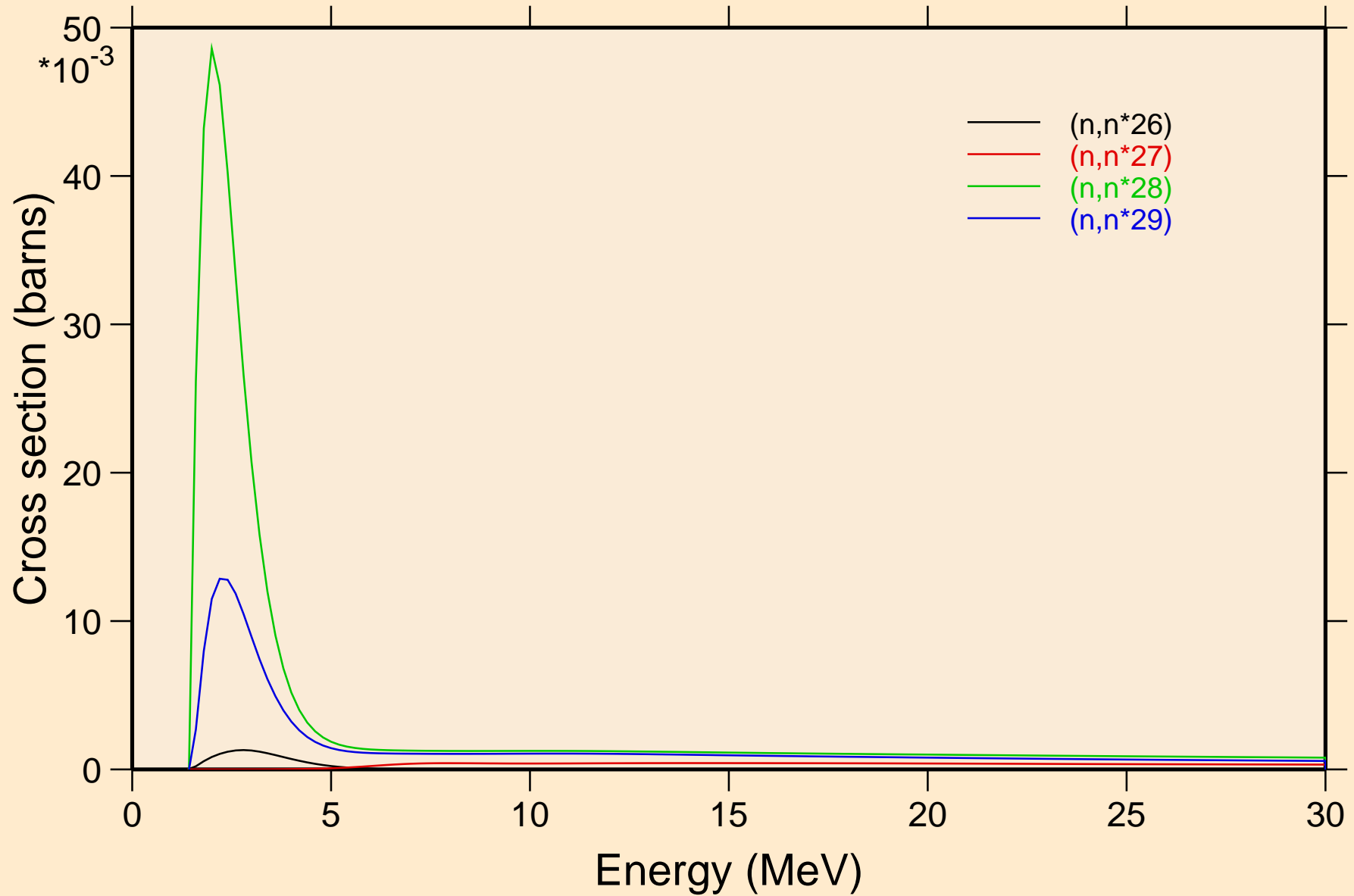
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



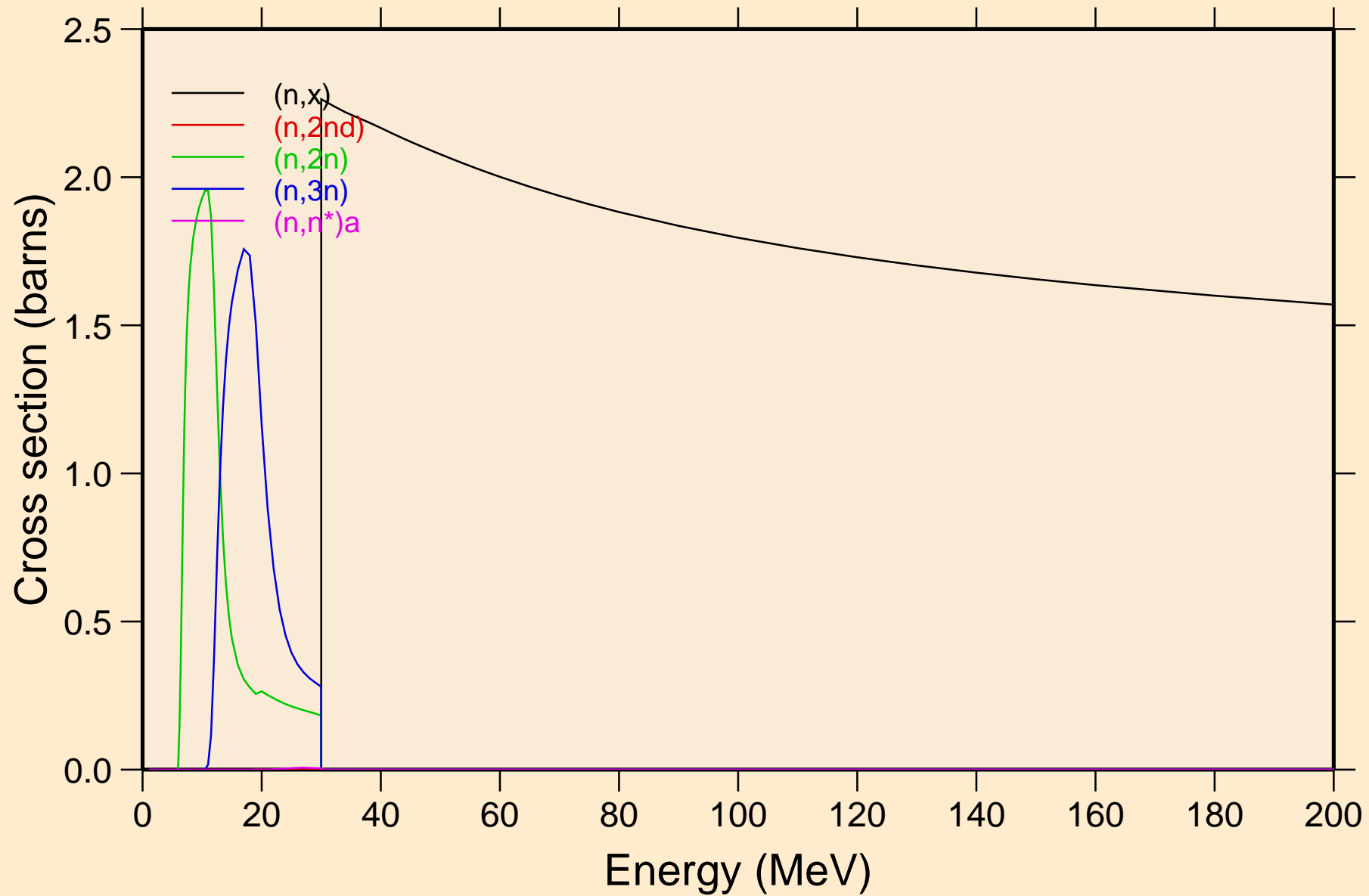
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



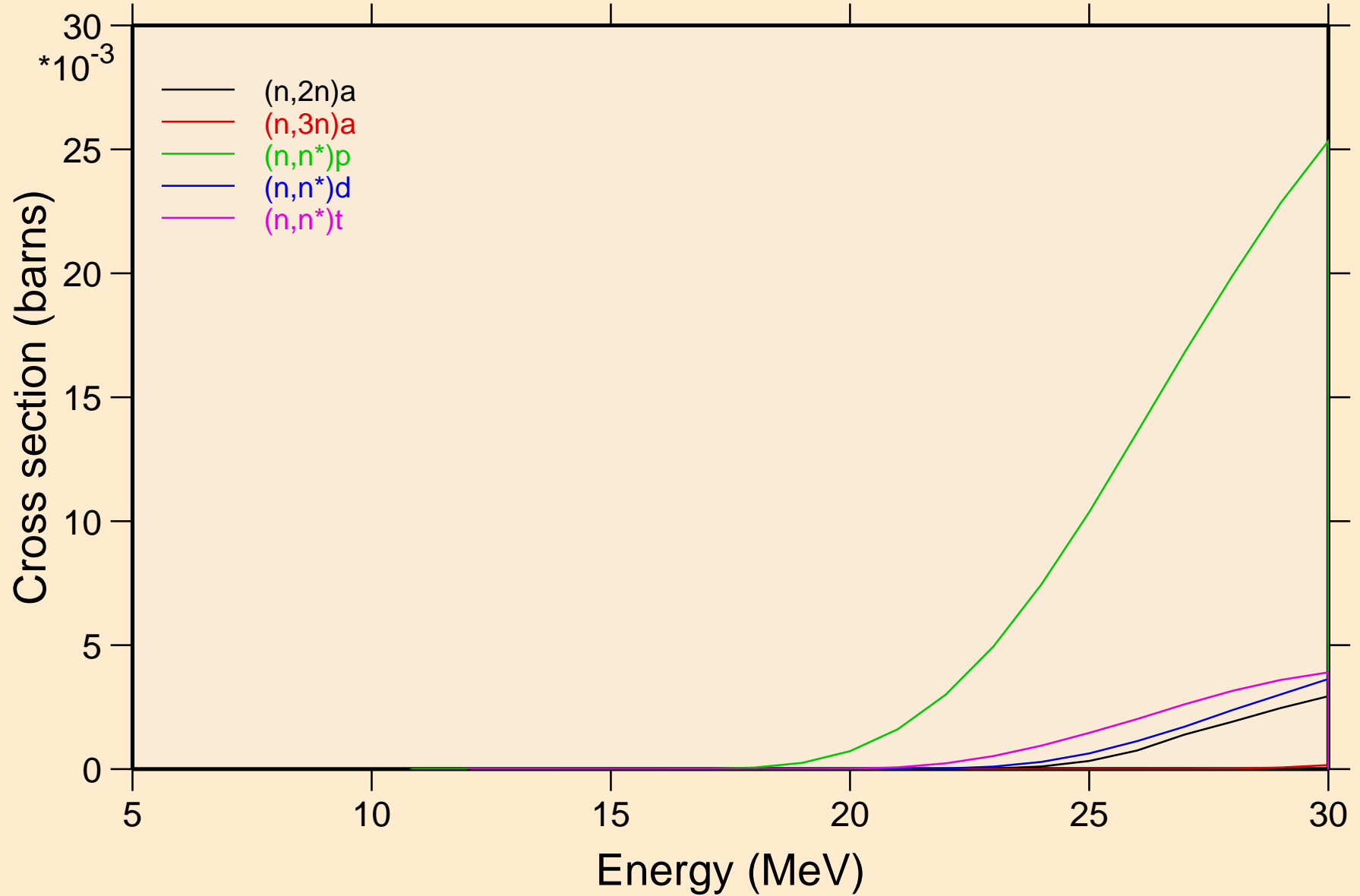
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



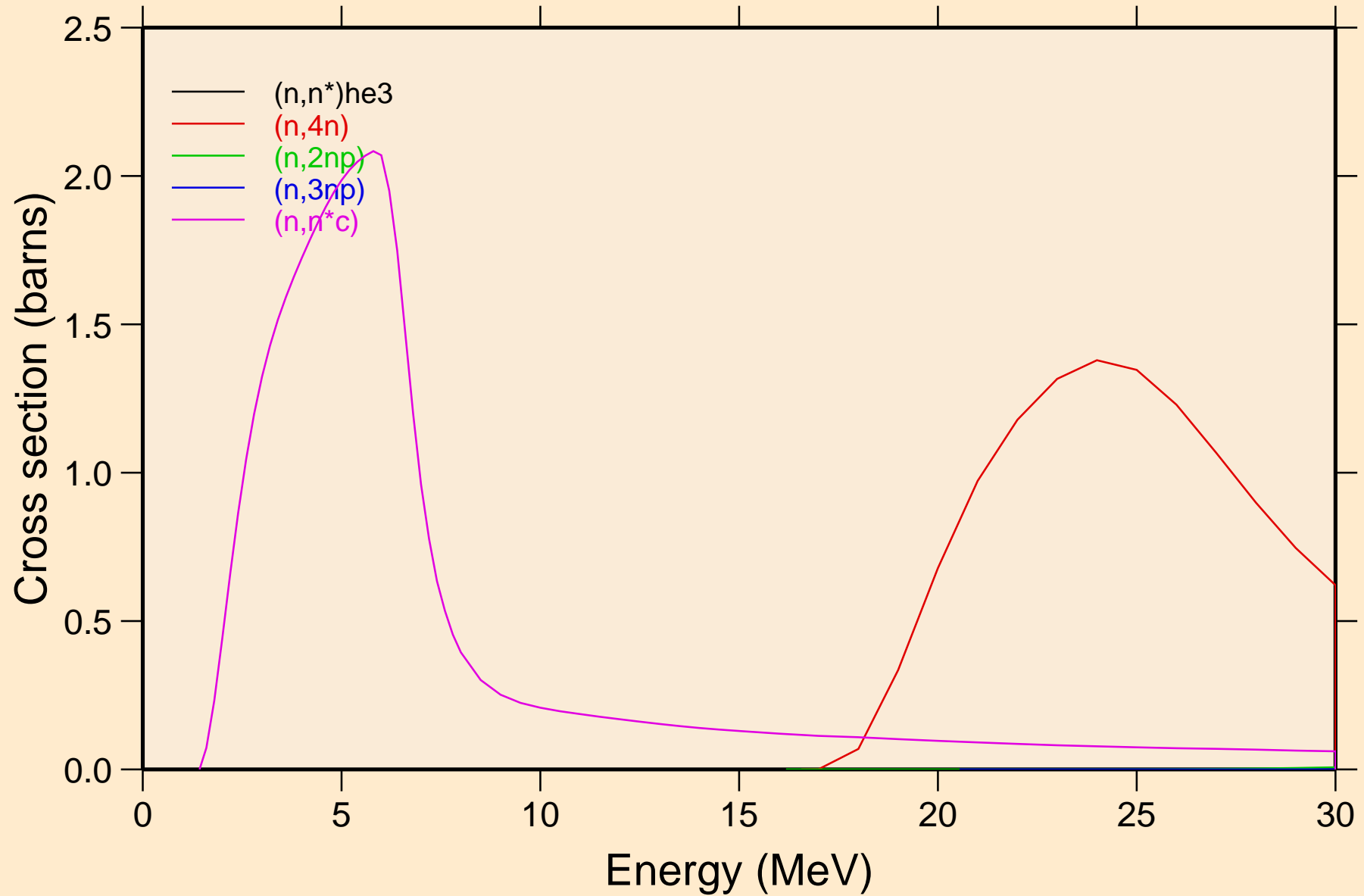
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



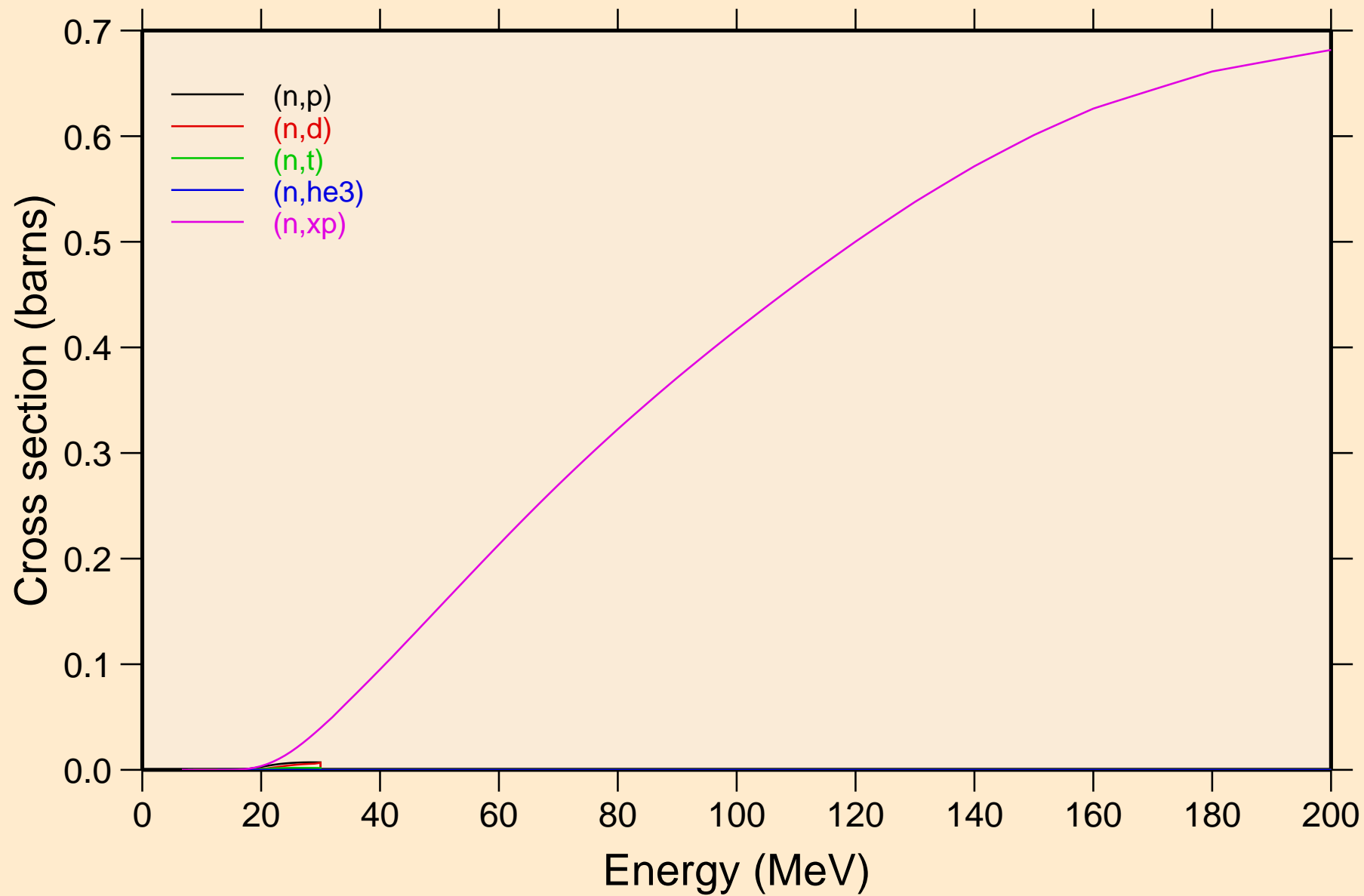
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



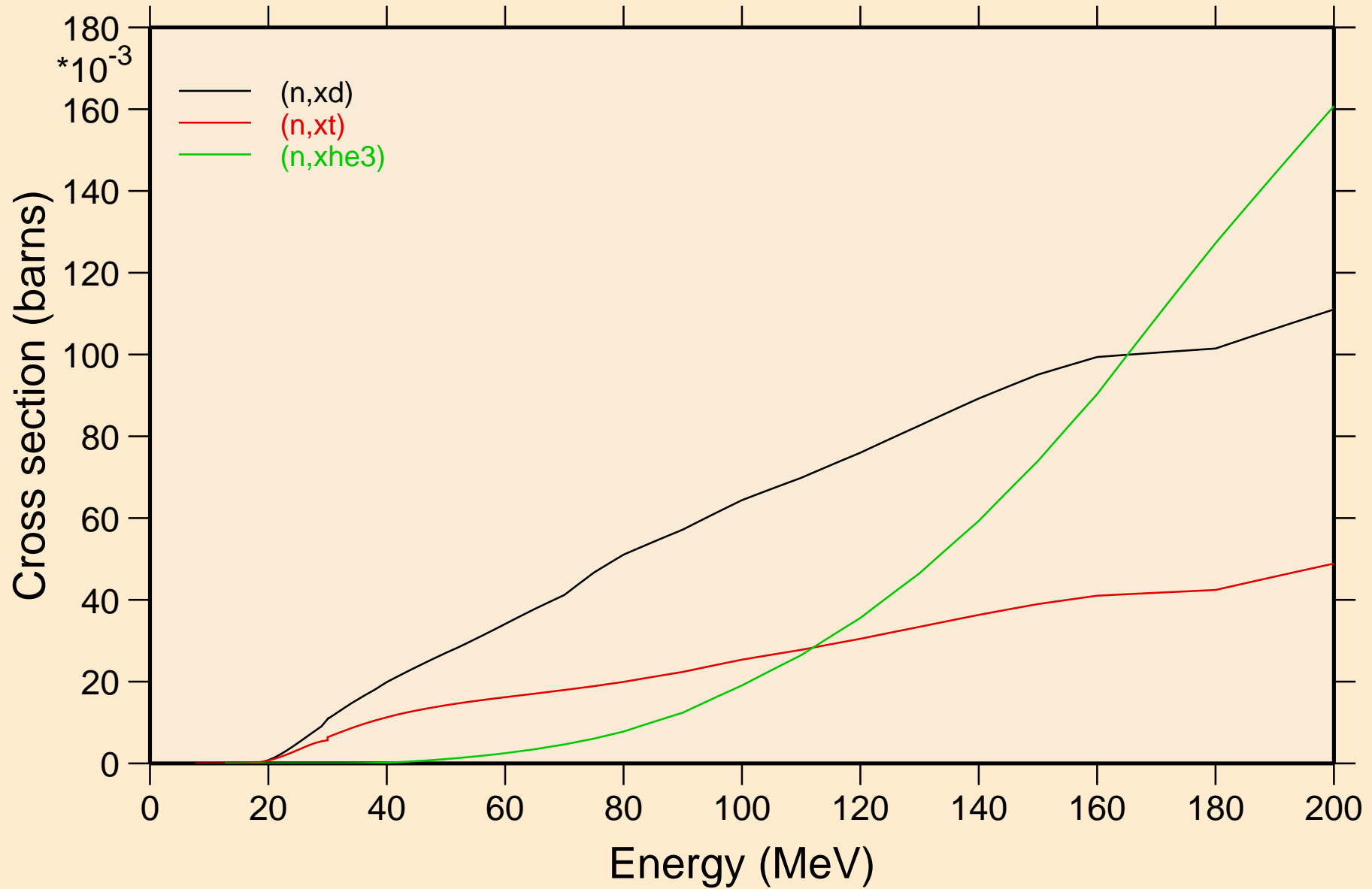
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



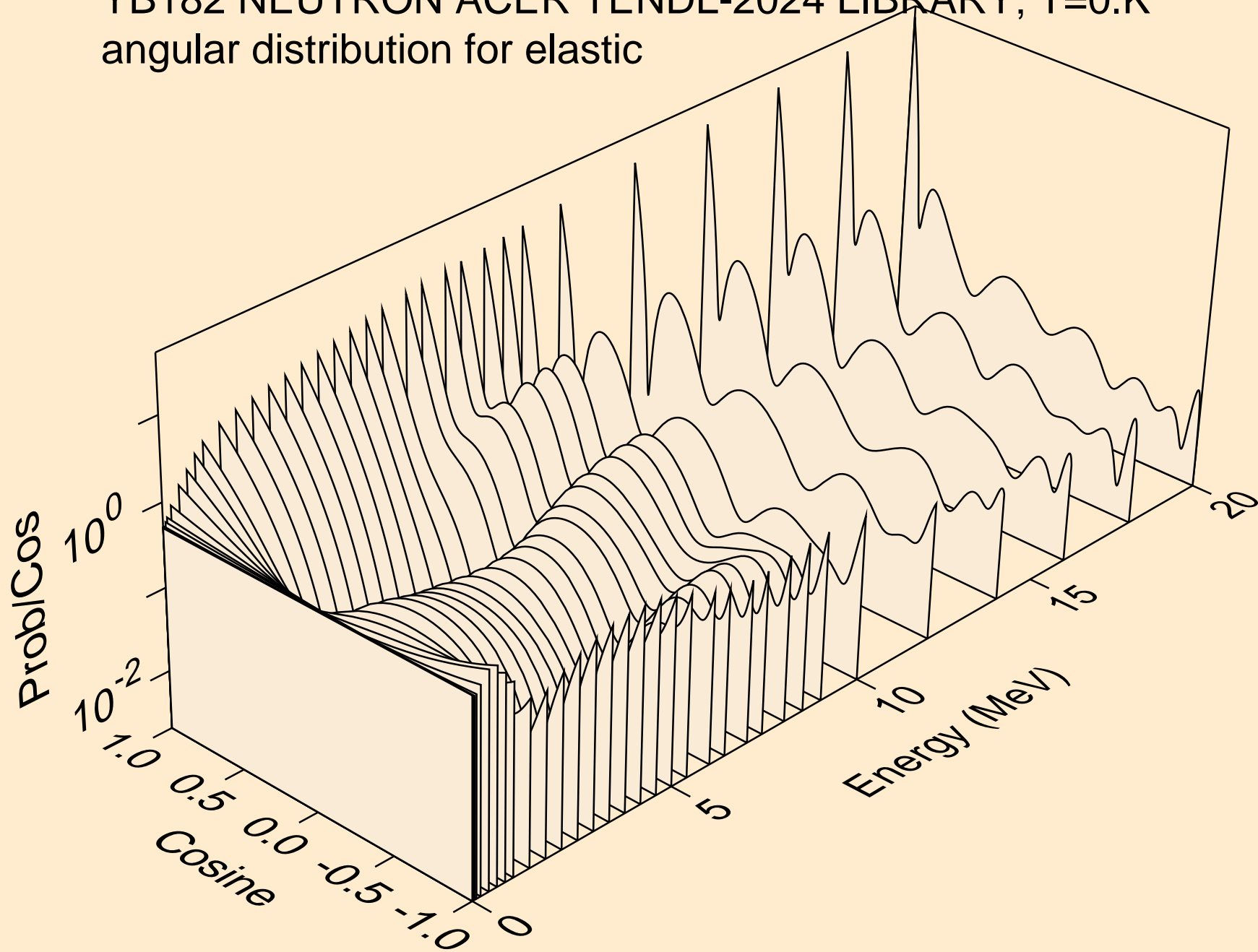


# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

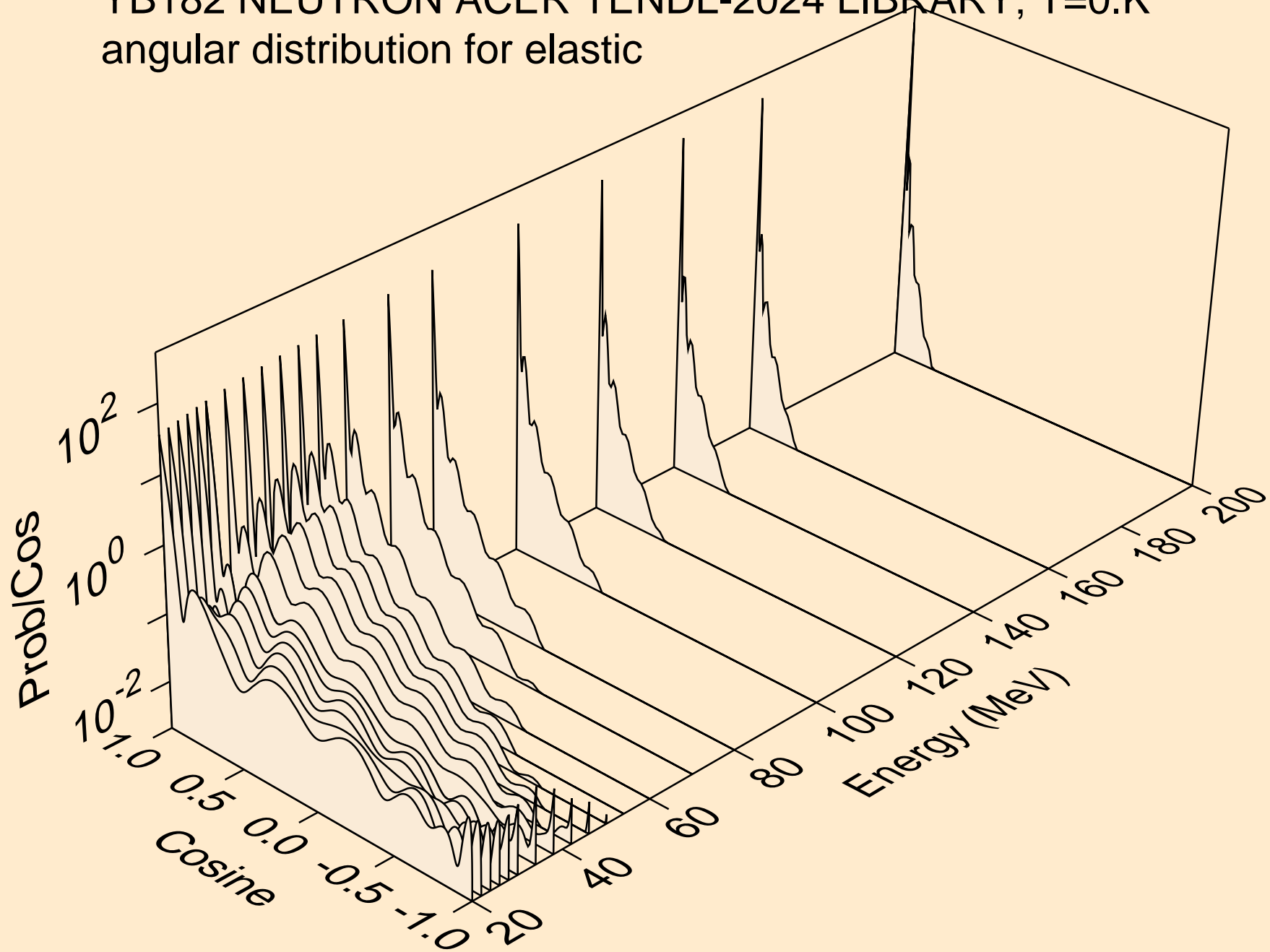
## Threshold reactions



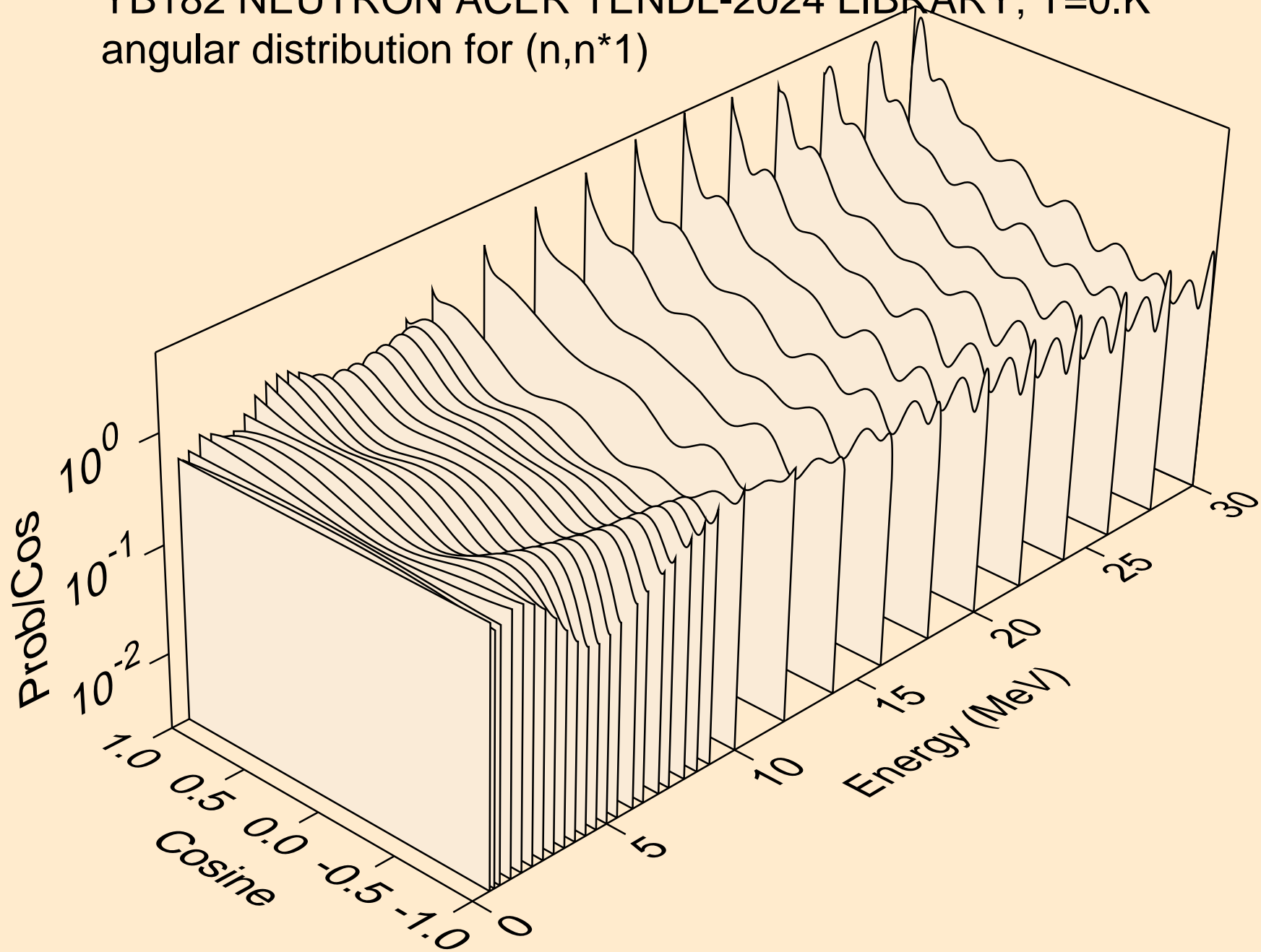
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



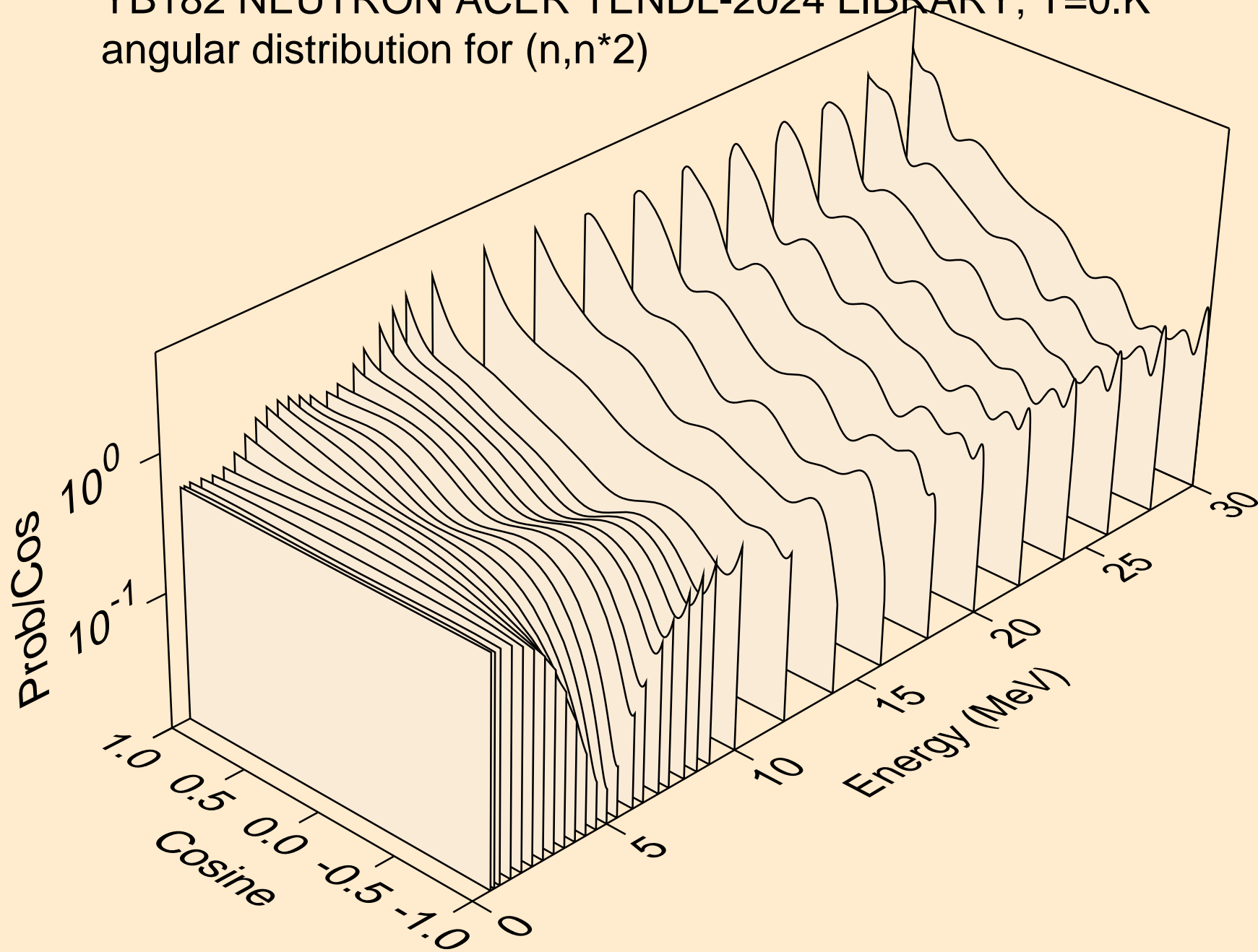
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angular distribution for elastic



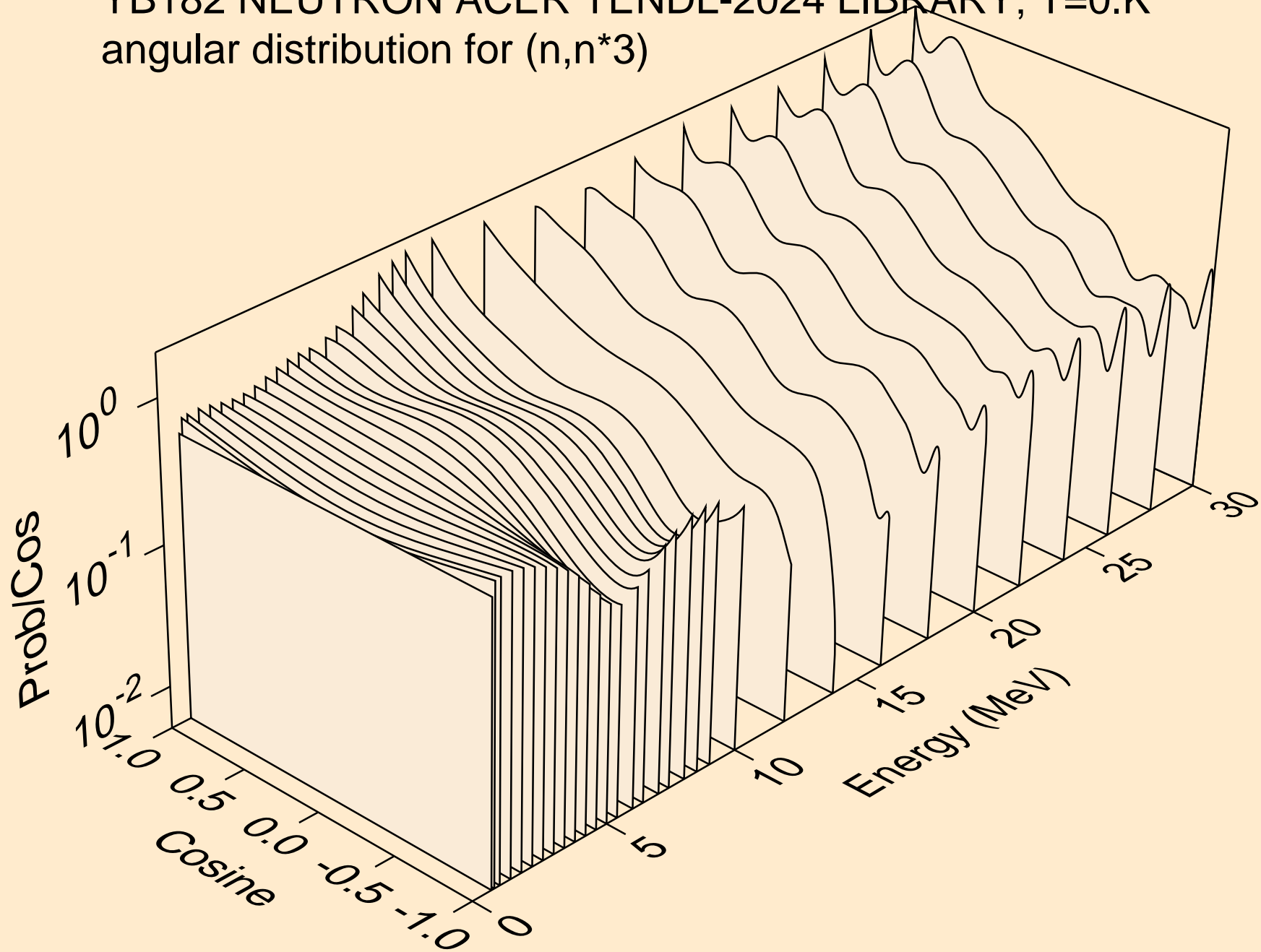
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



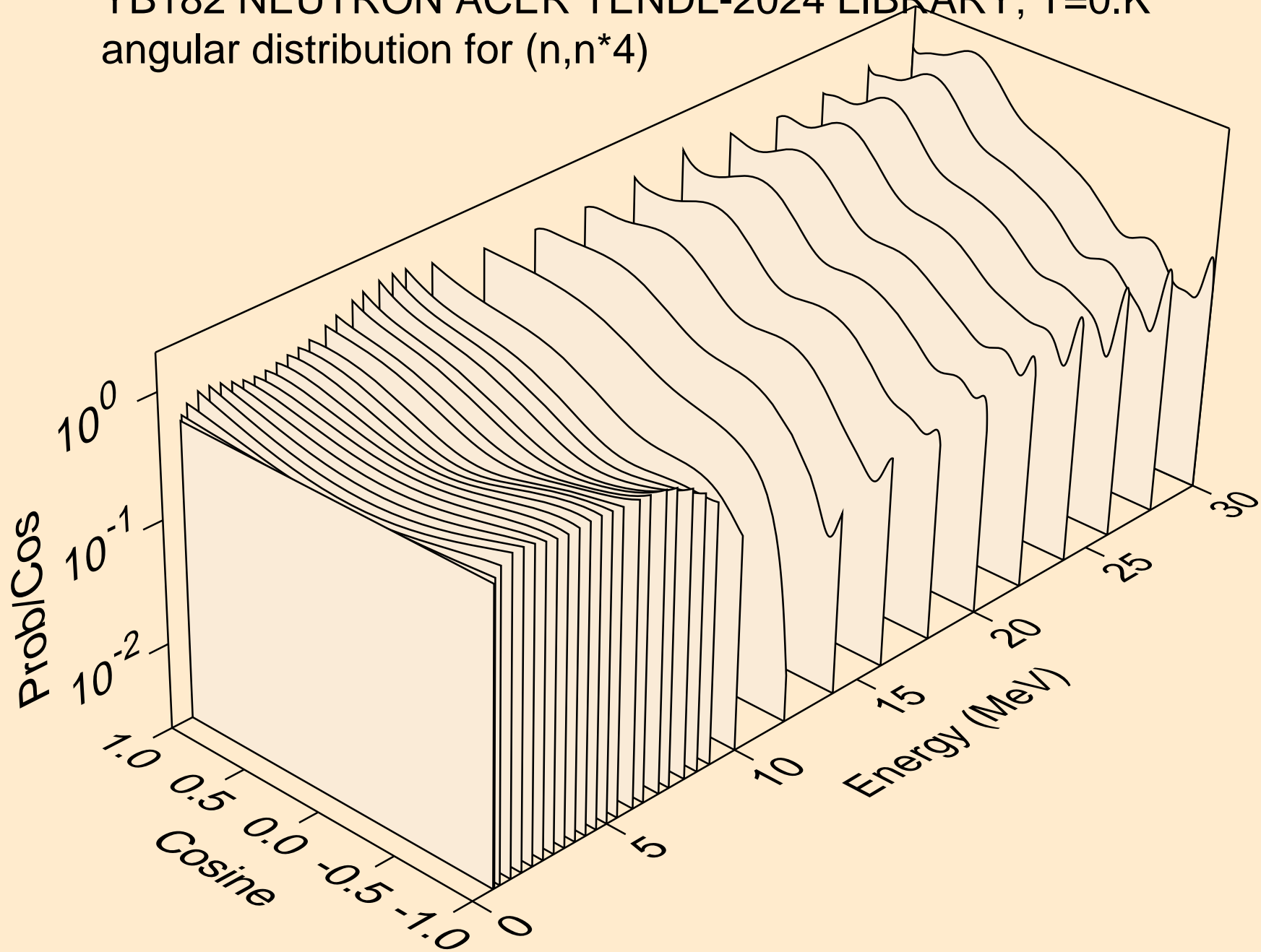
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angular distribution for (n,n\*2)



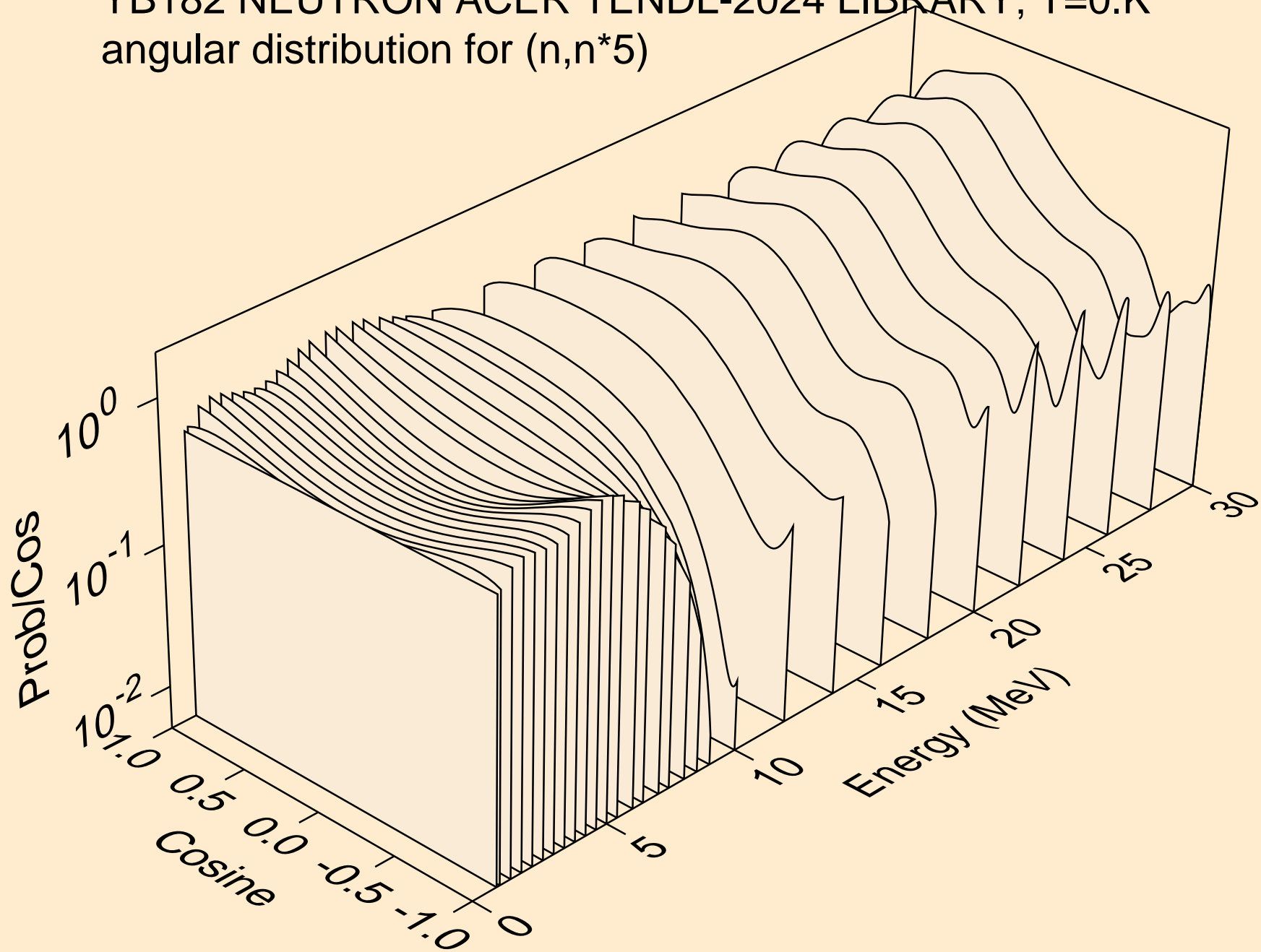
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

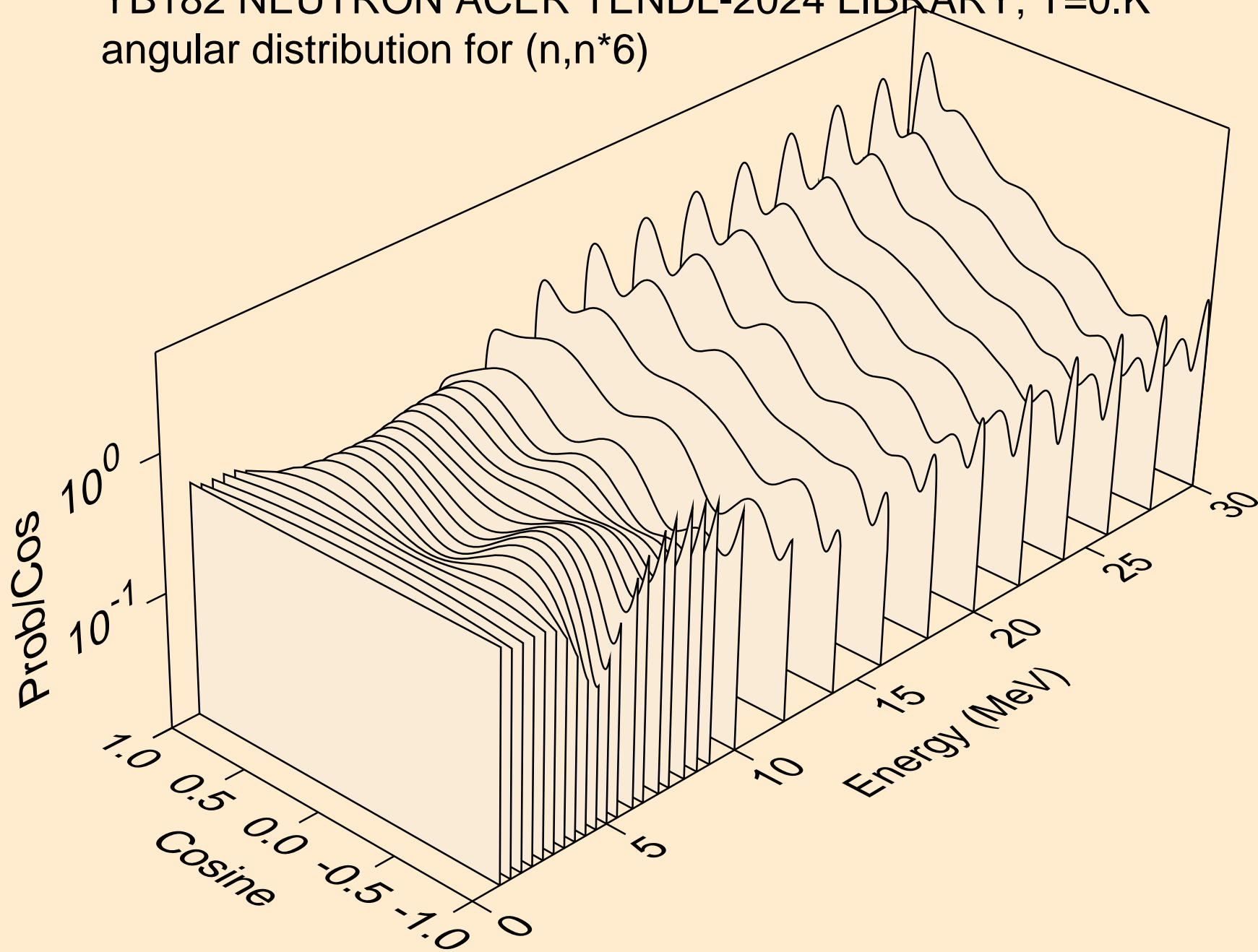


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

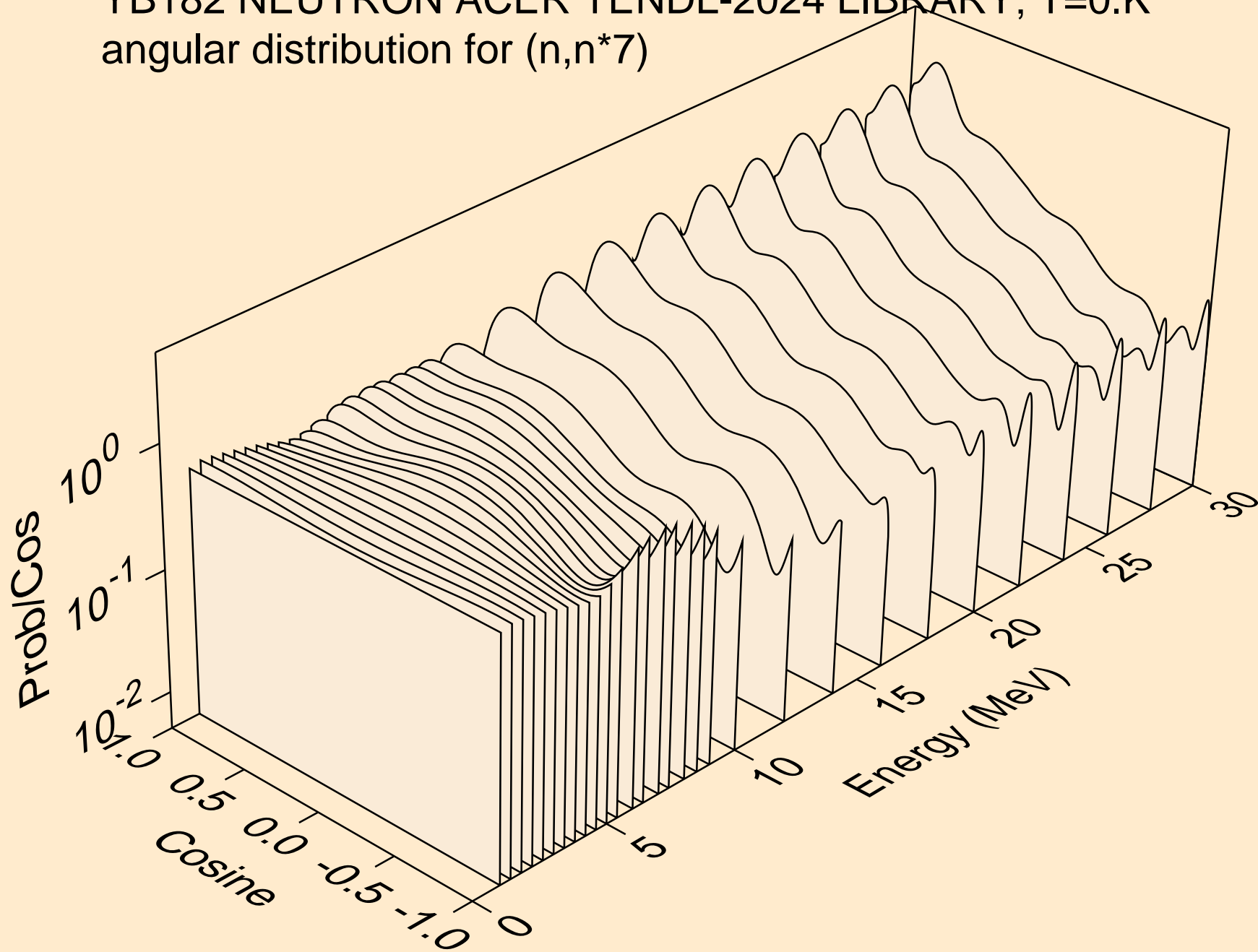




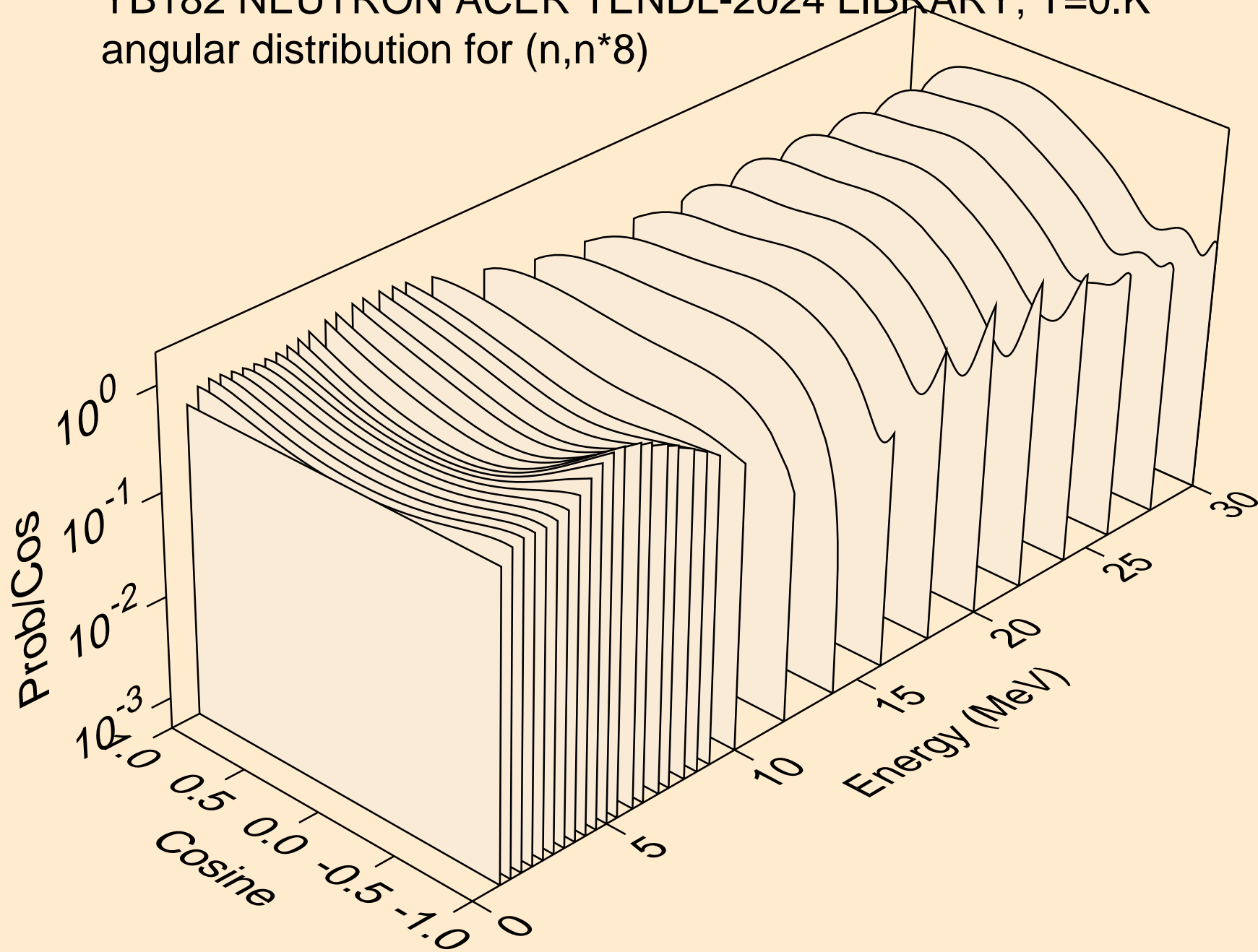
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angular distribution for (n,n\*6)



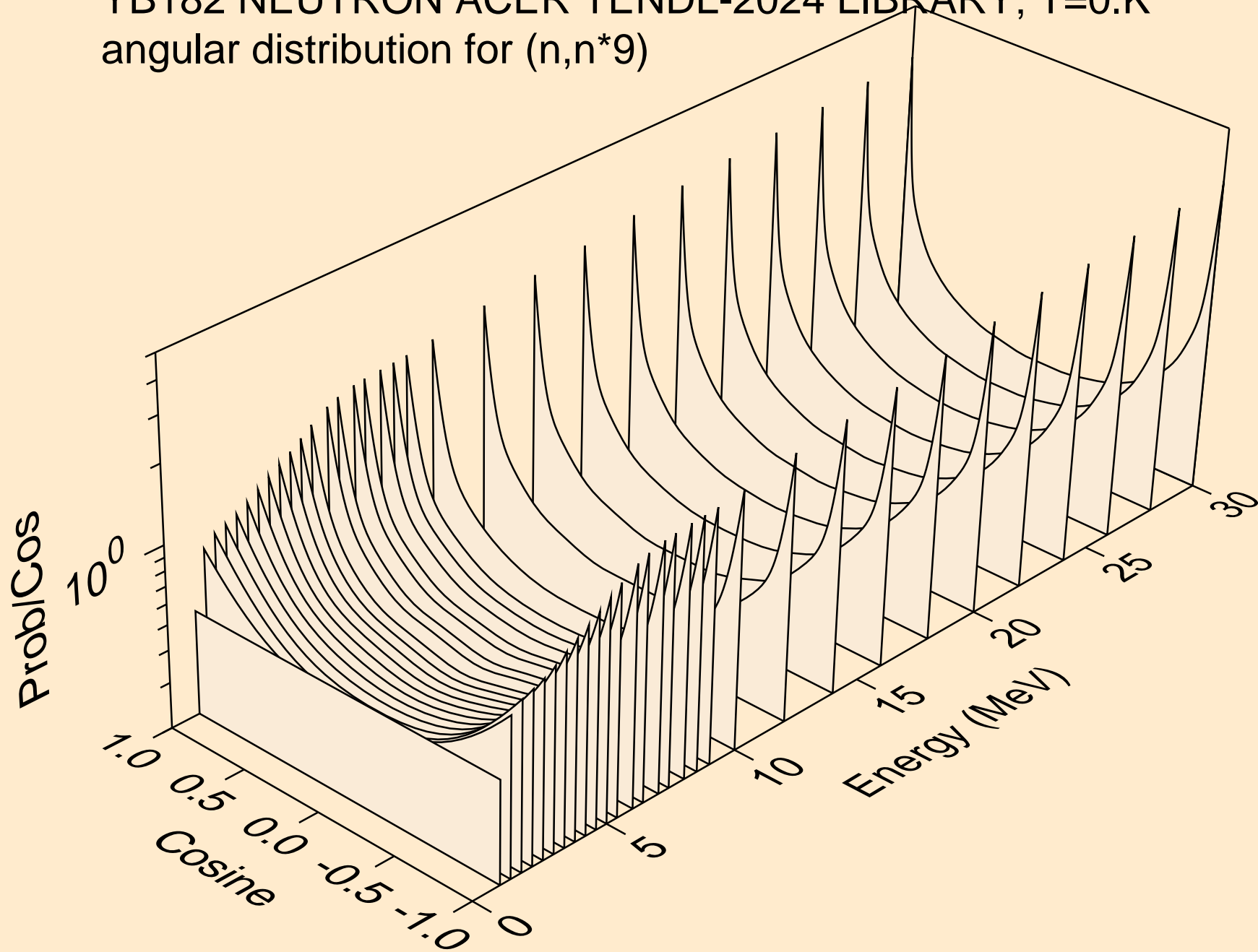
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angular distribution for (n,n\*7)



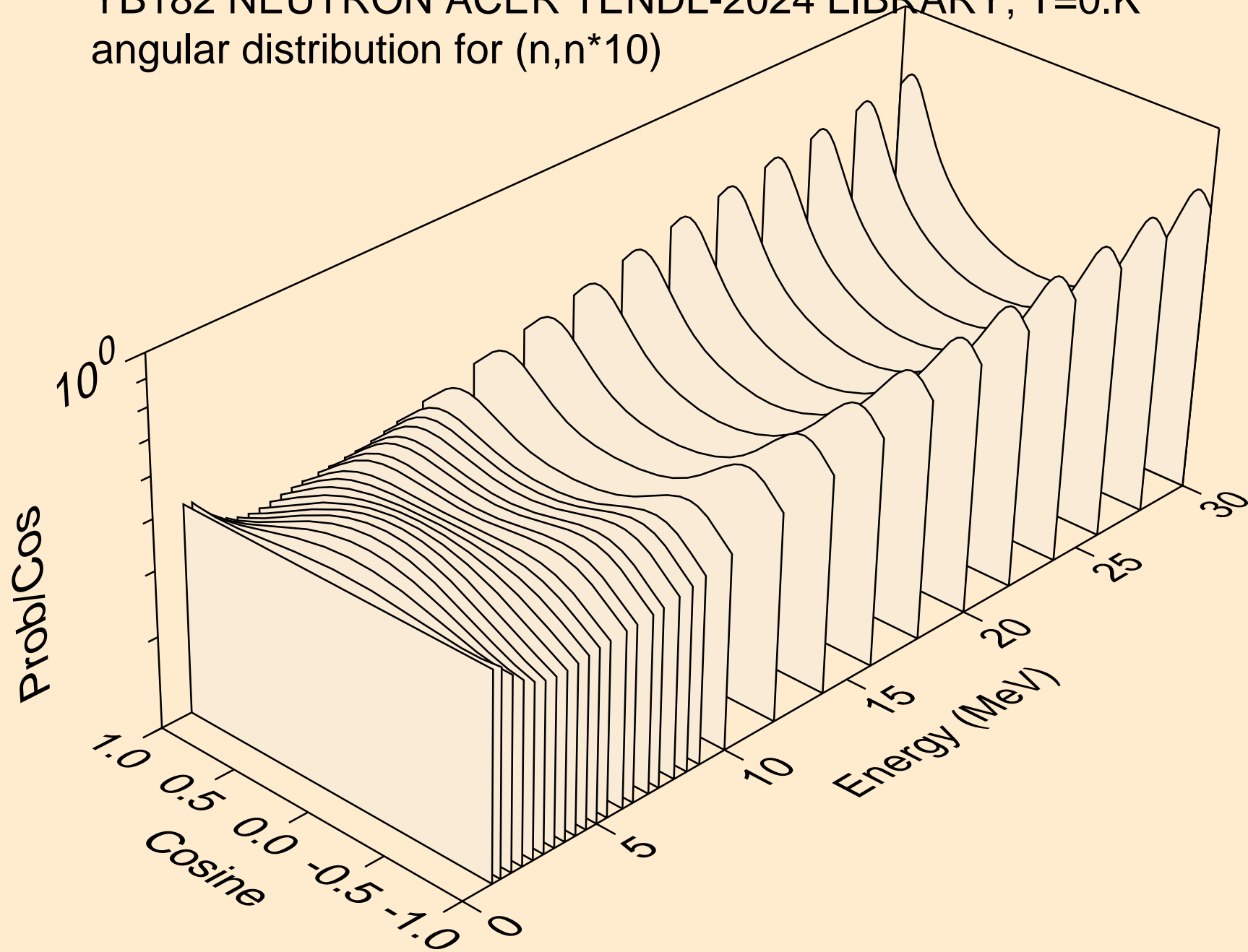
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angular distribution for (n,n\*8)



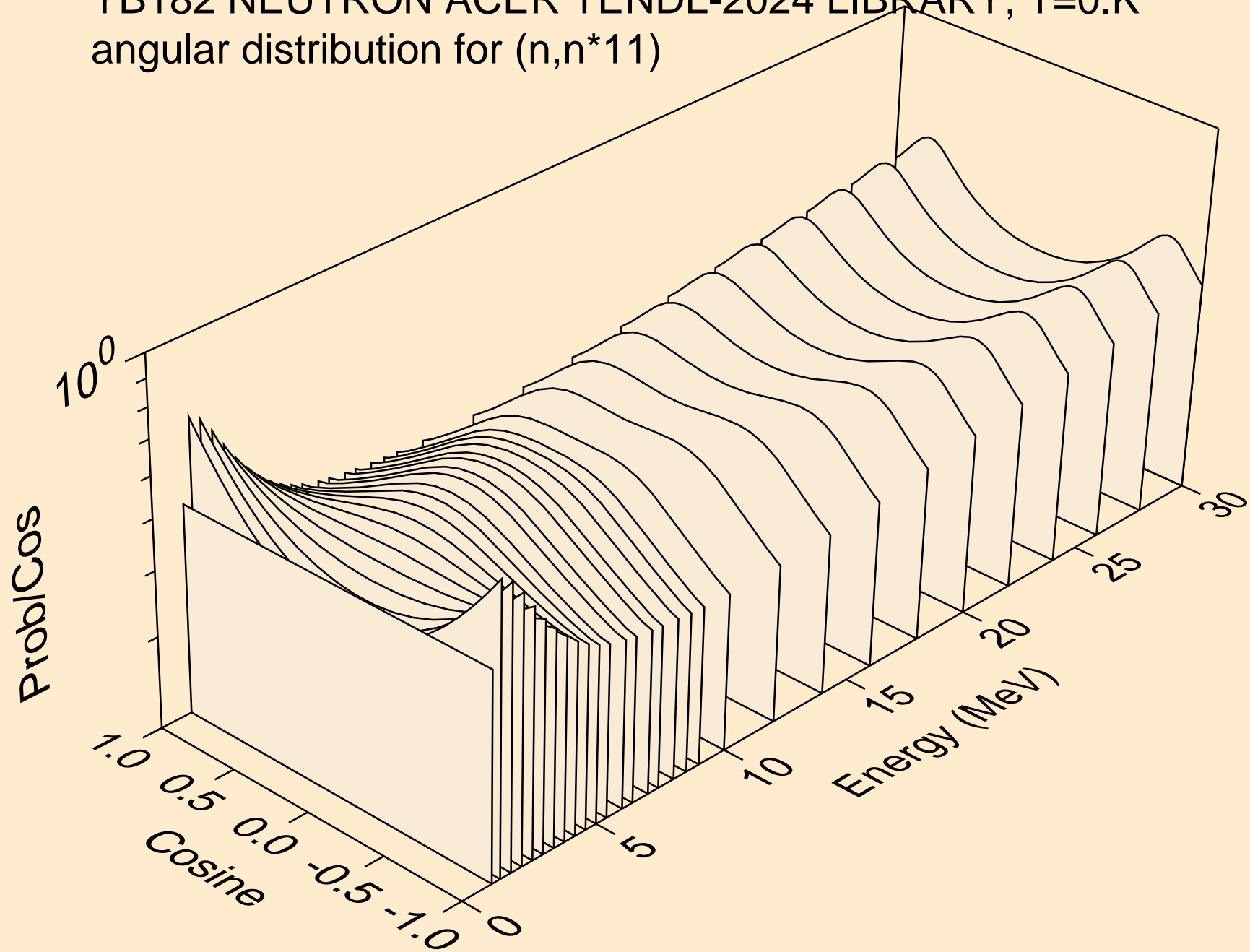
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angular distribution for (n,n\*9)



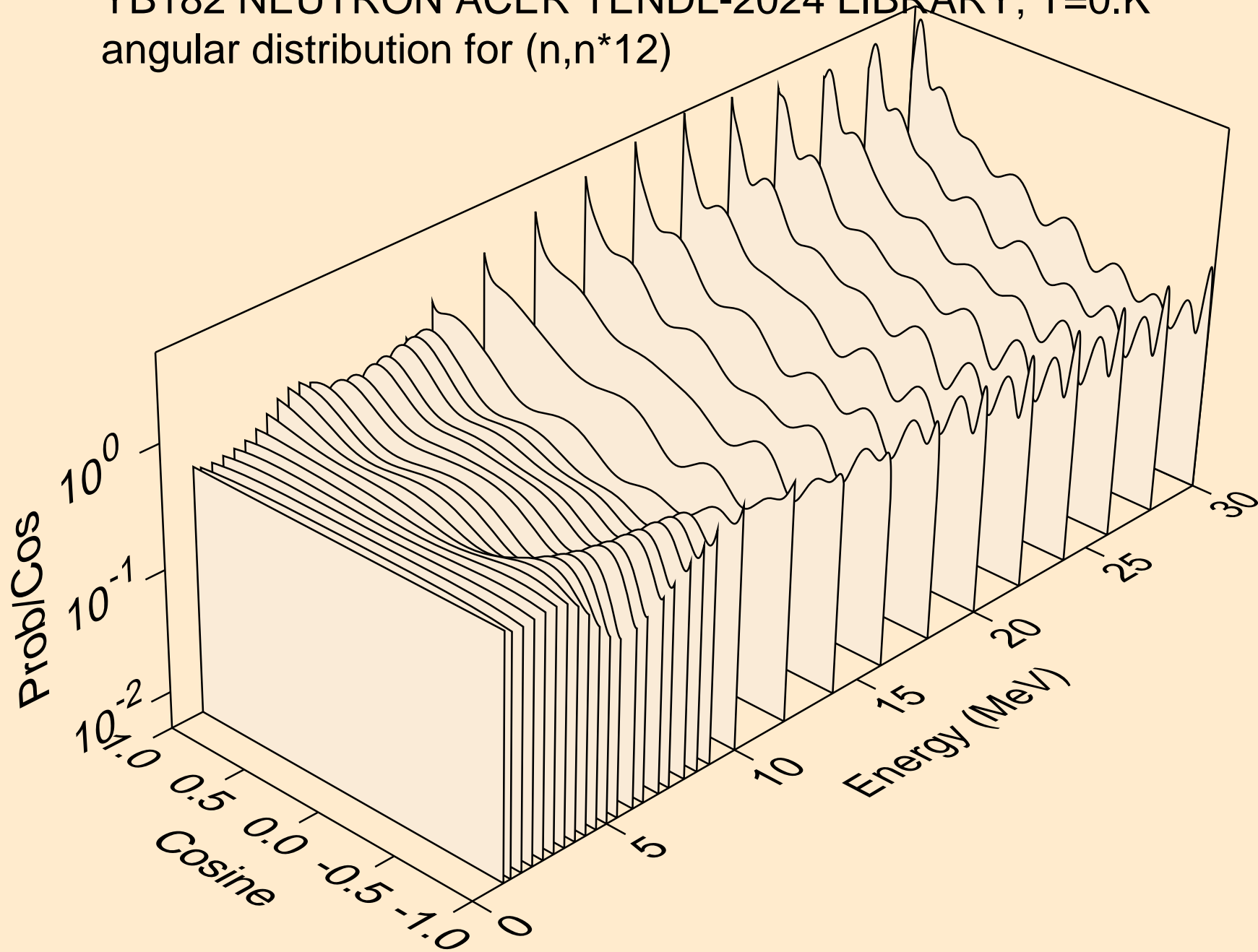
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angular distribution for (n,n\*10)



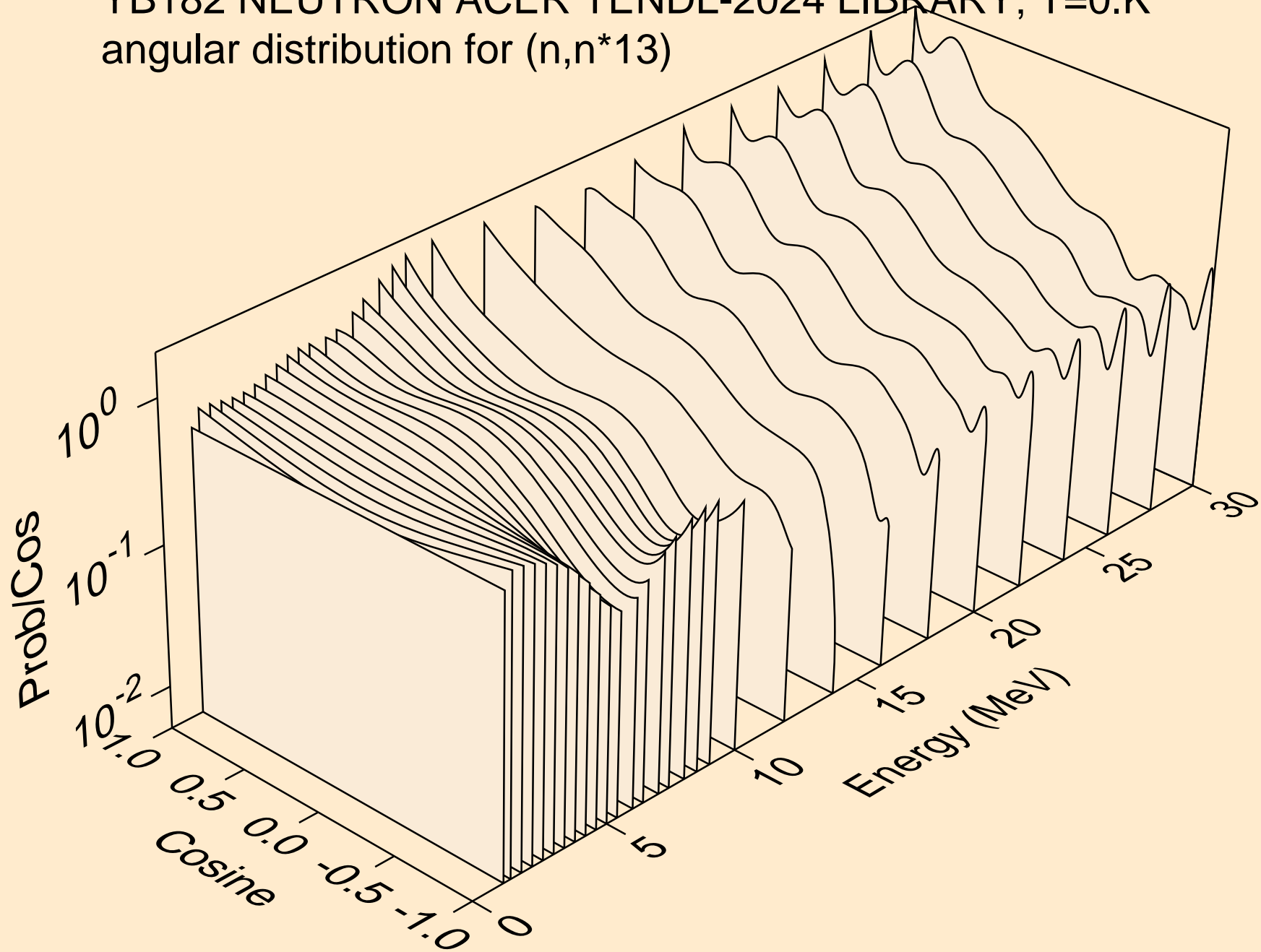
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

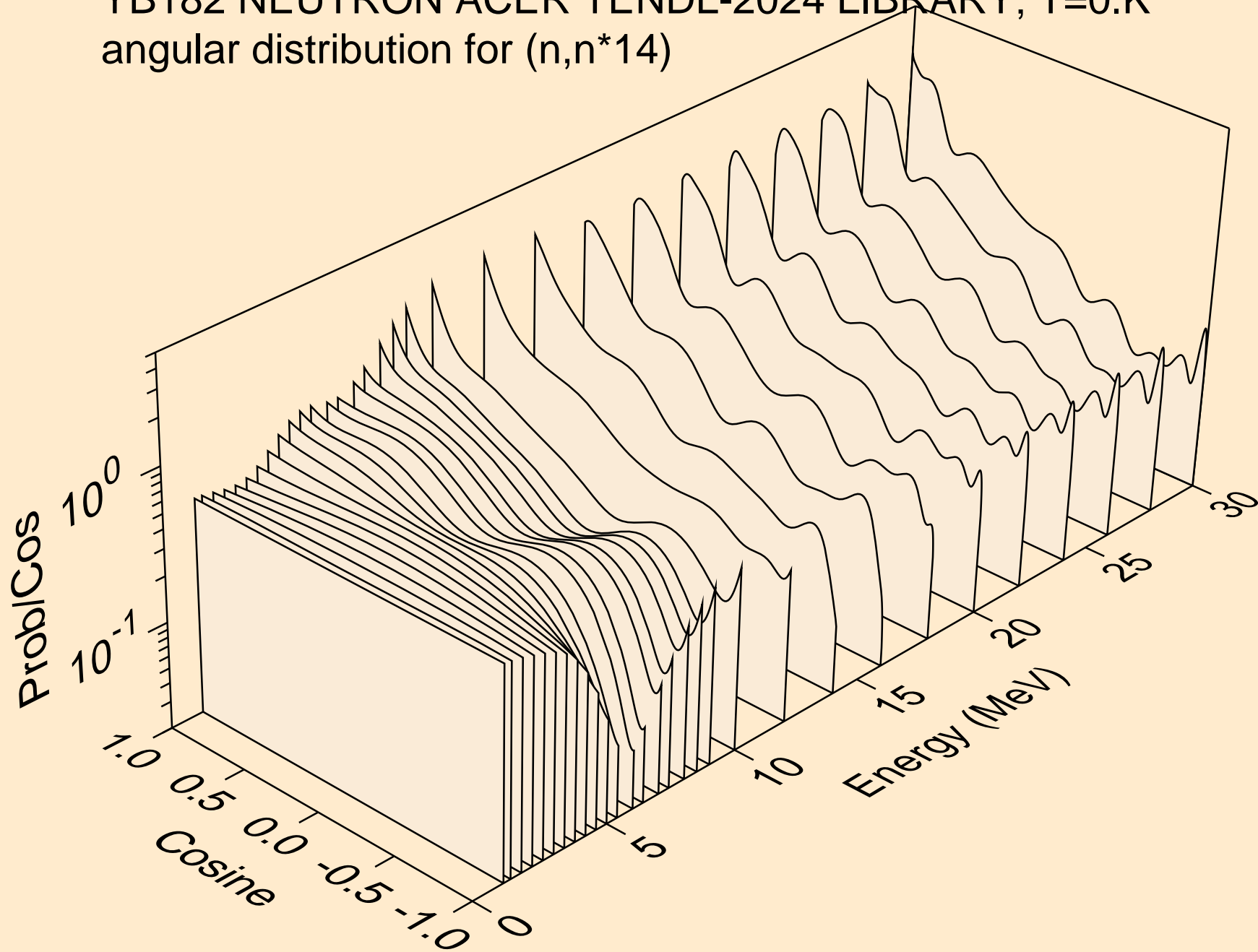


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

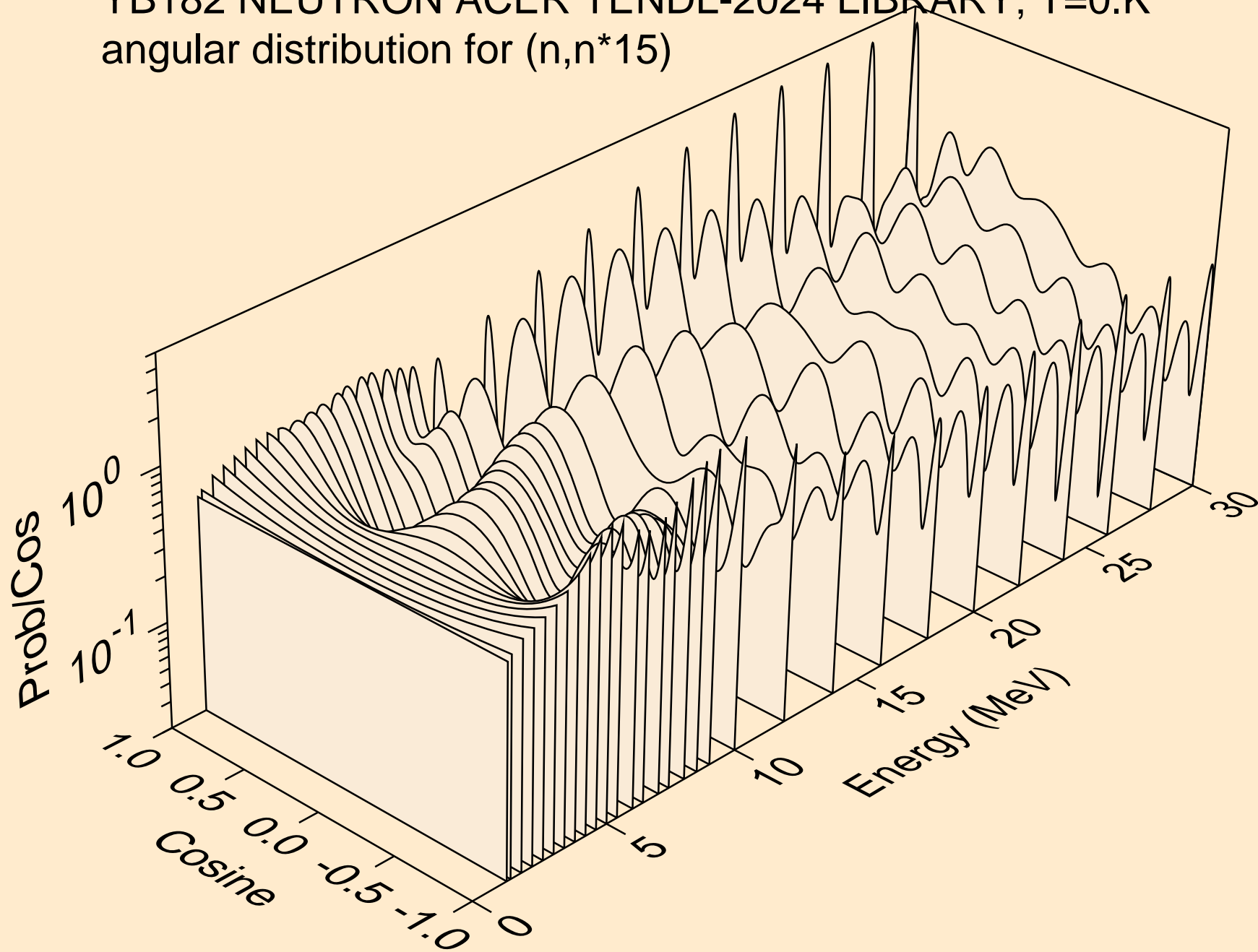




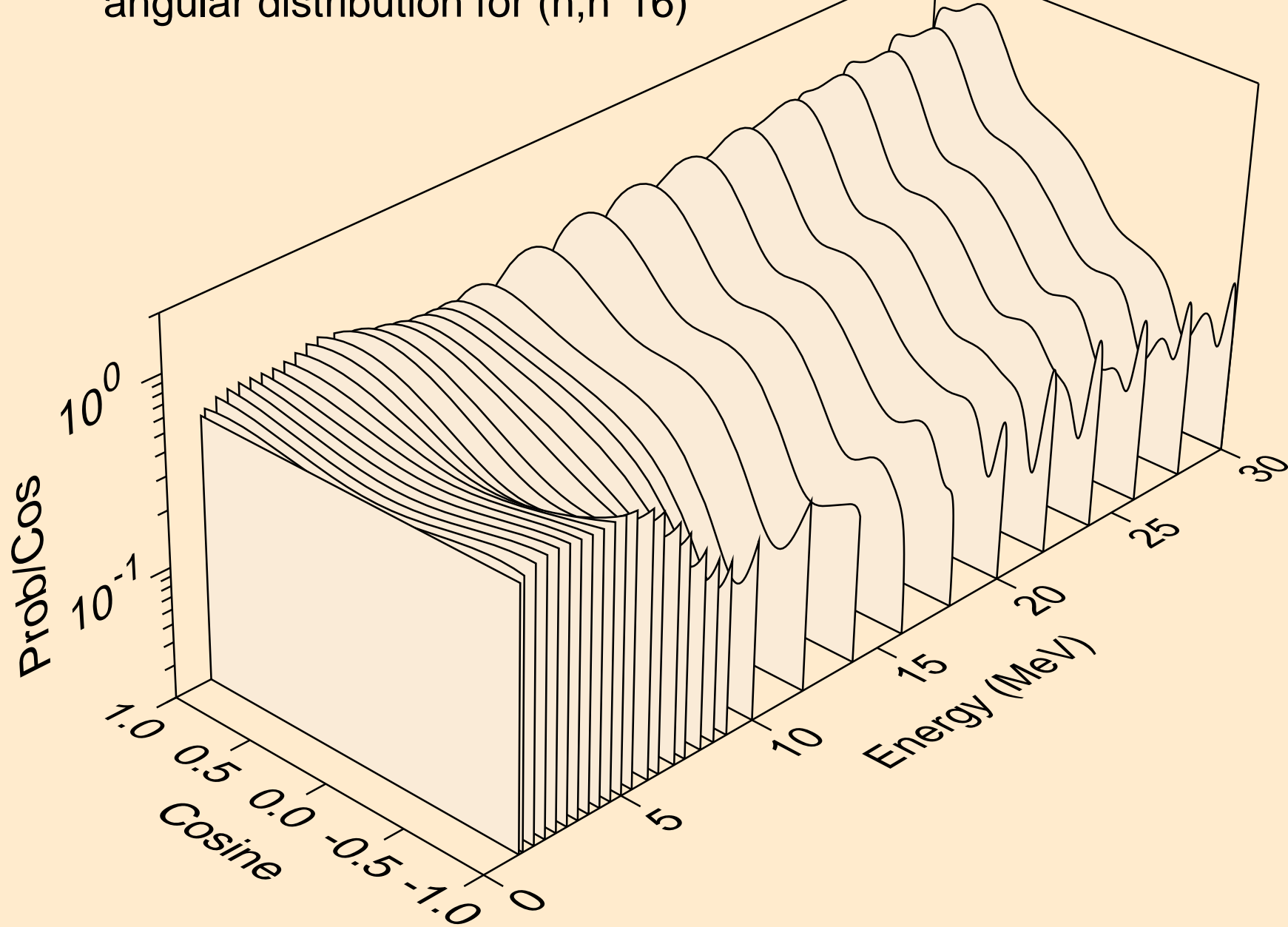
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angular distribution for (n,n\*14)



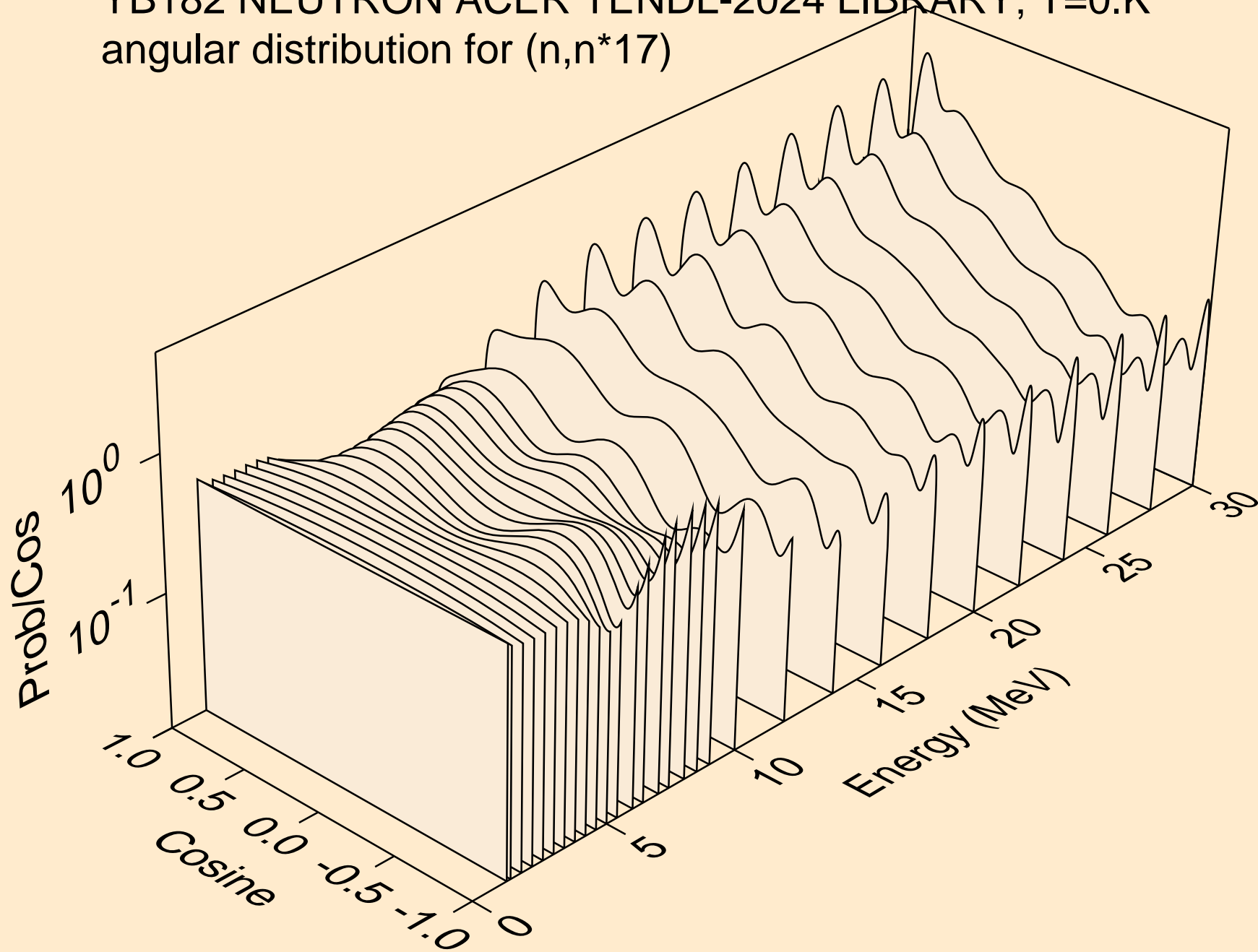
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angular distribution for (n,n\*15)



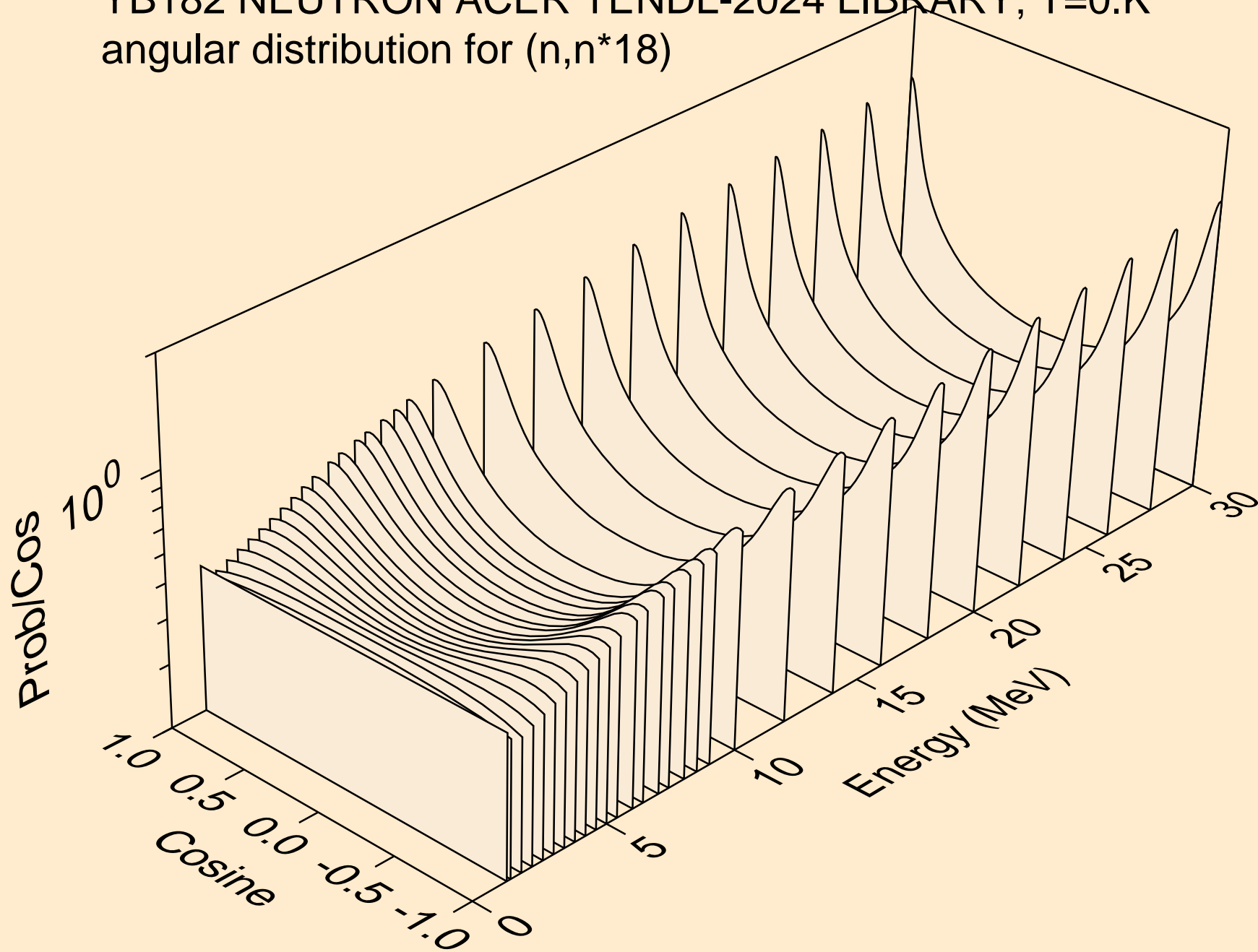
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angular distribution for (n,n\*16)



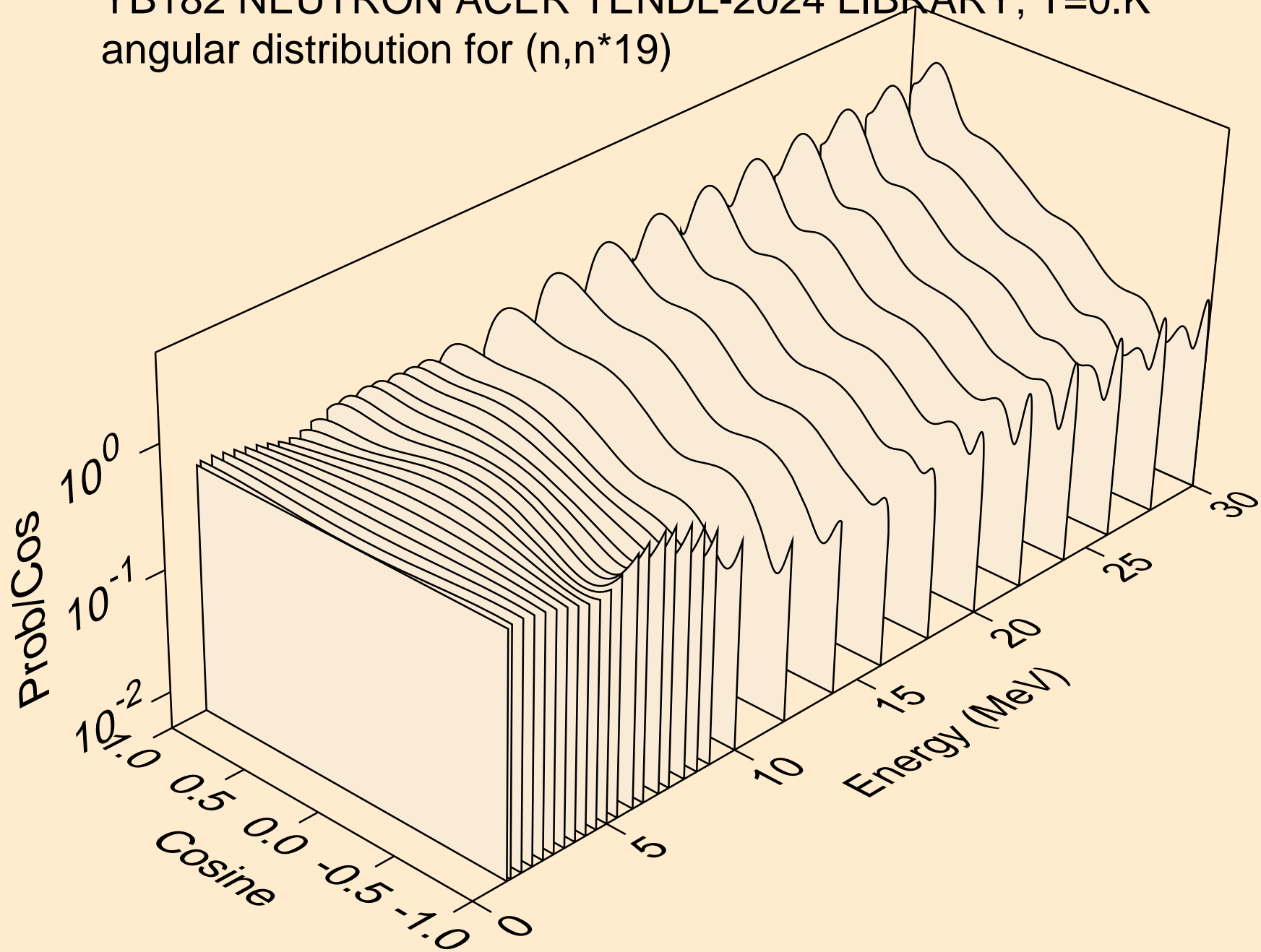
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angular distribution for (n,n\*17)



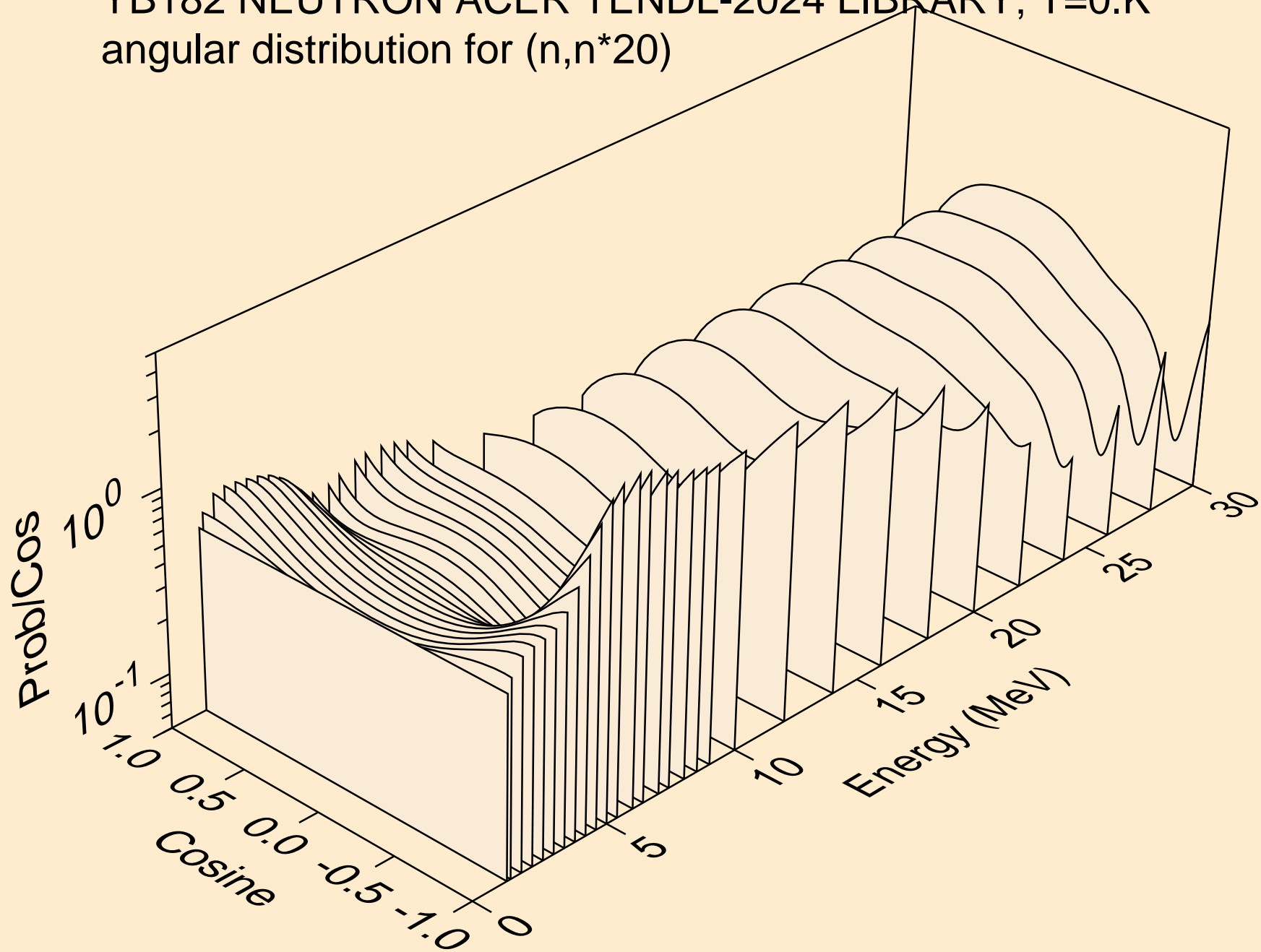
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angular distribution for (n,n\*18)



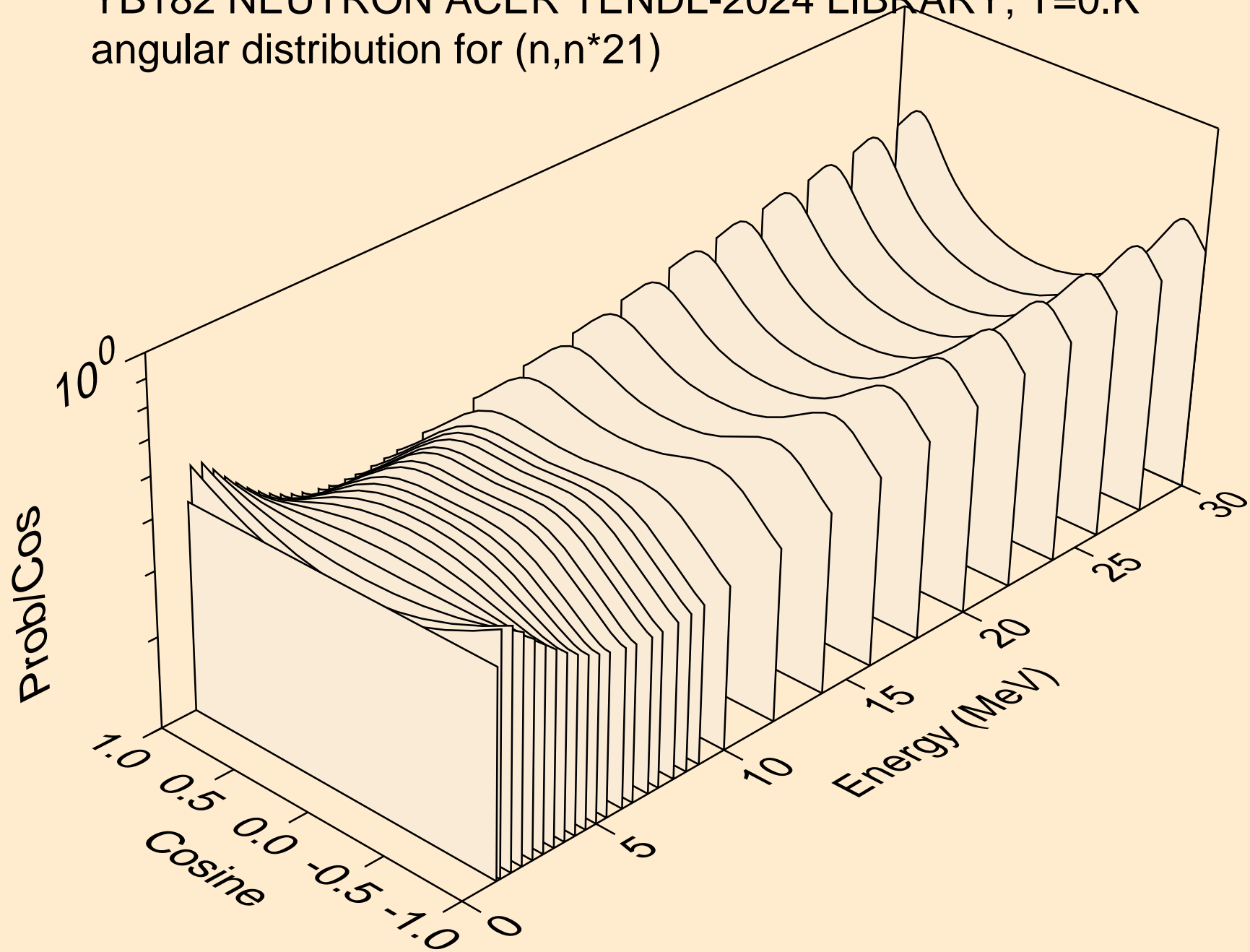
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

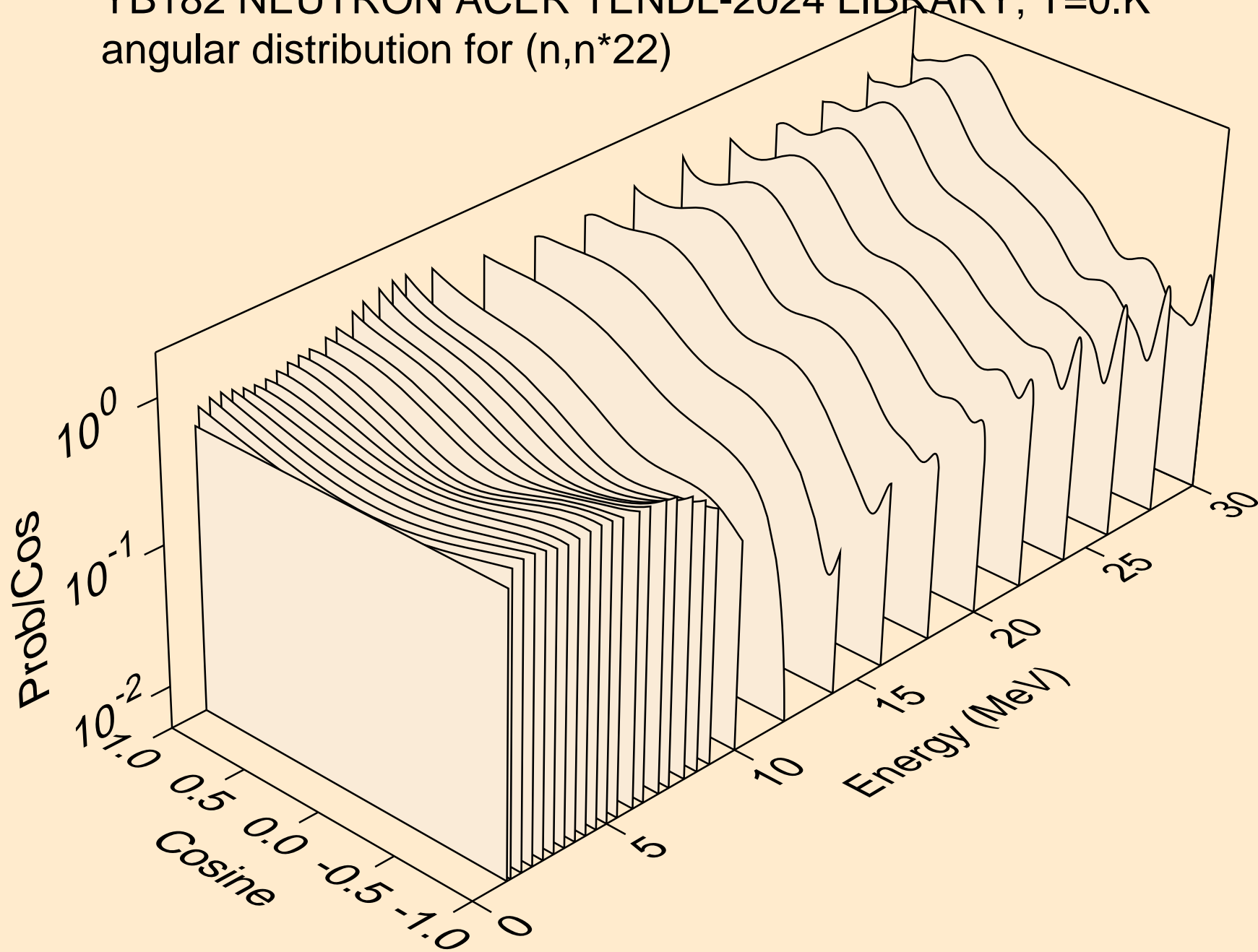


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

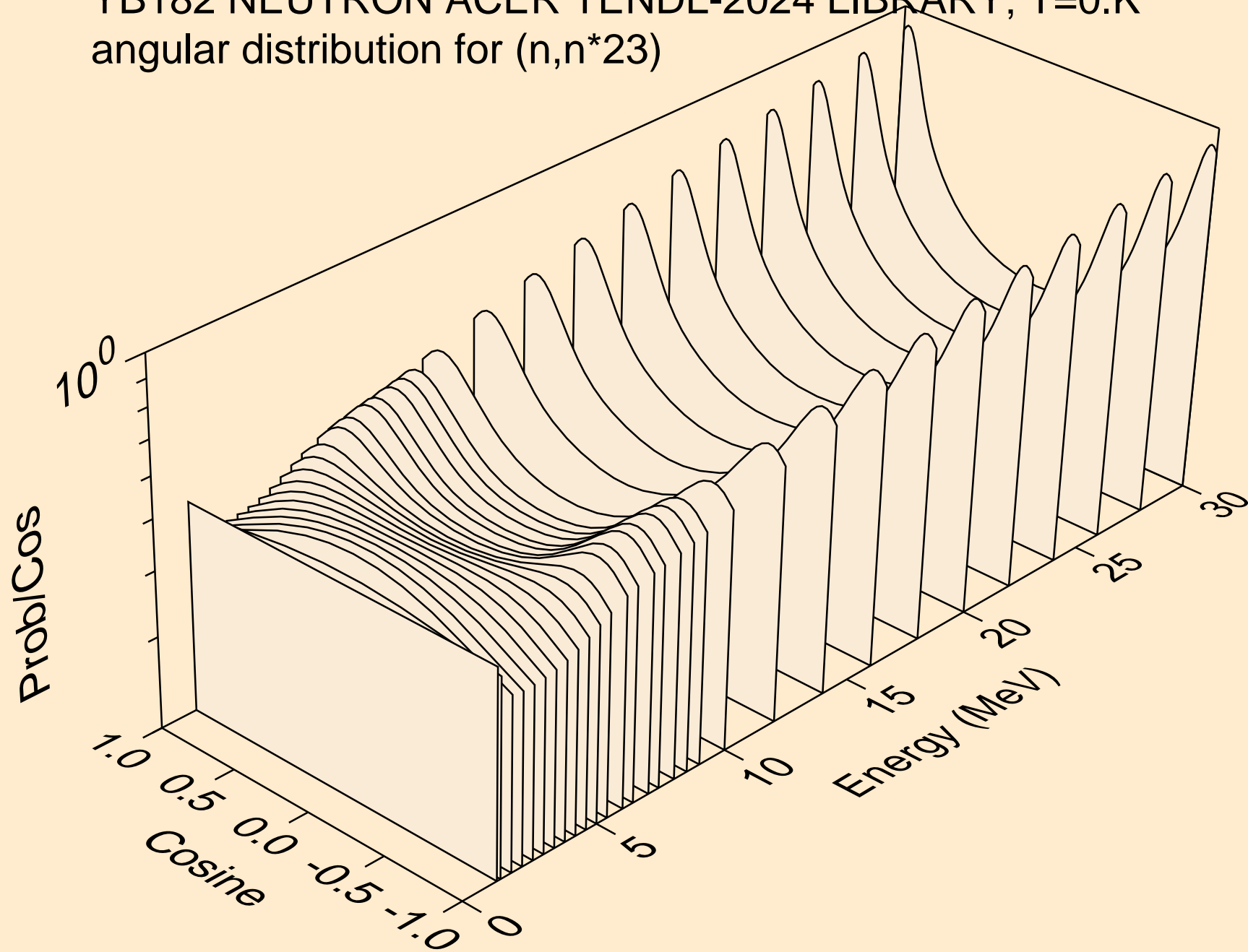




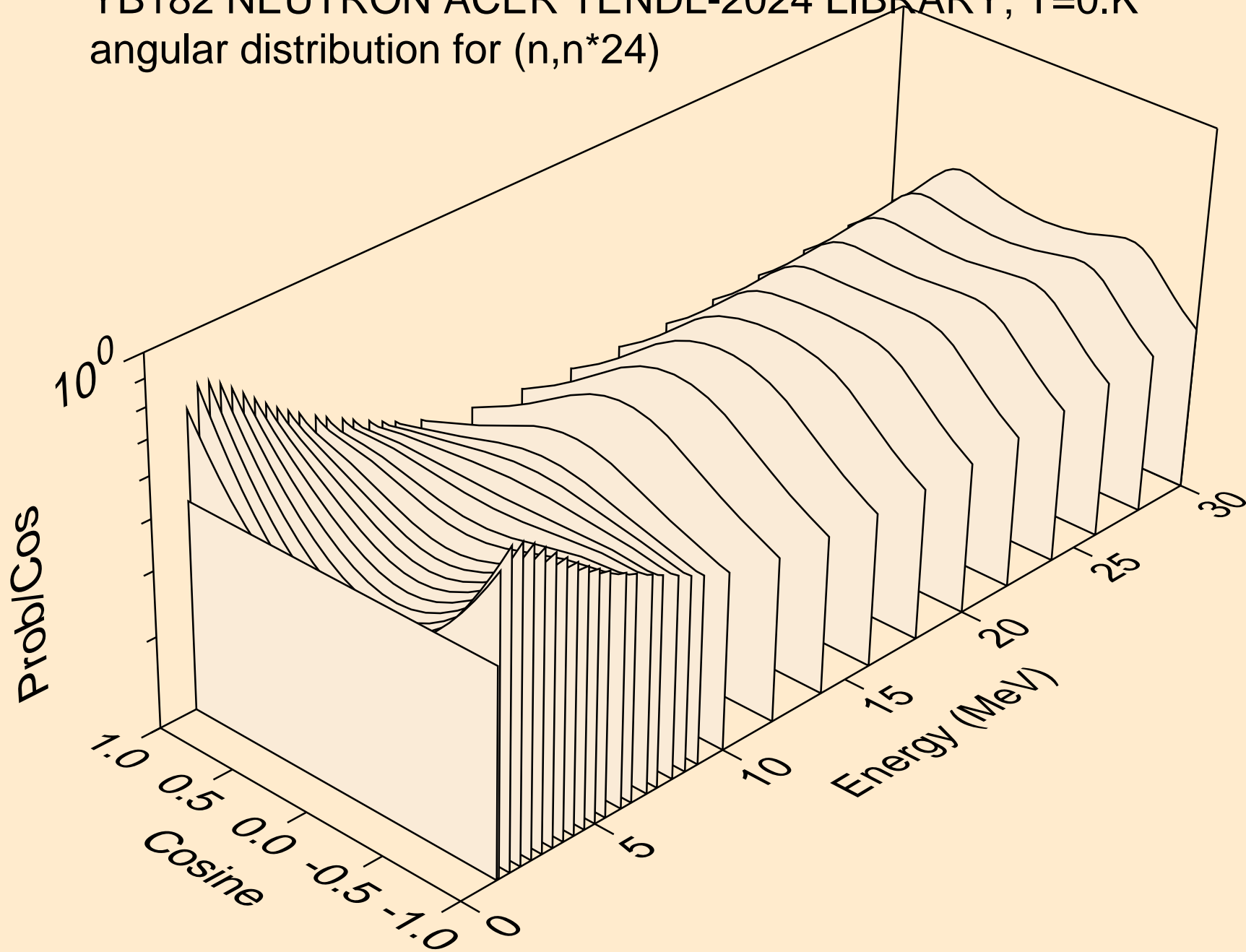
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angular distribution for (n,n\*22)



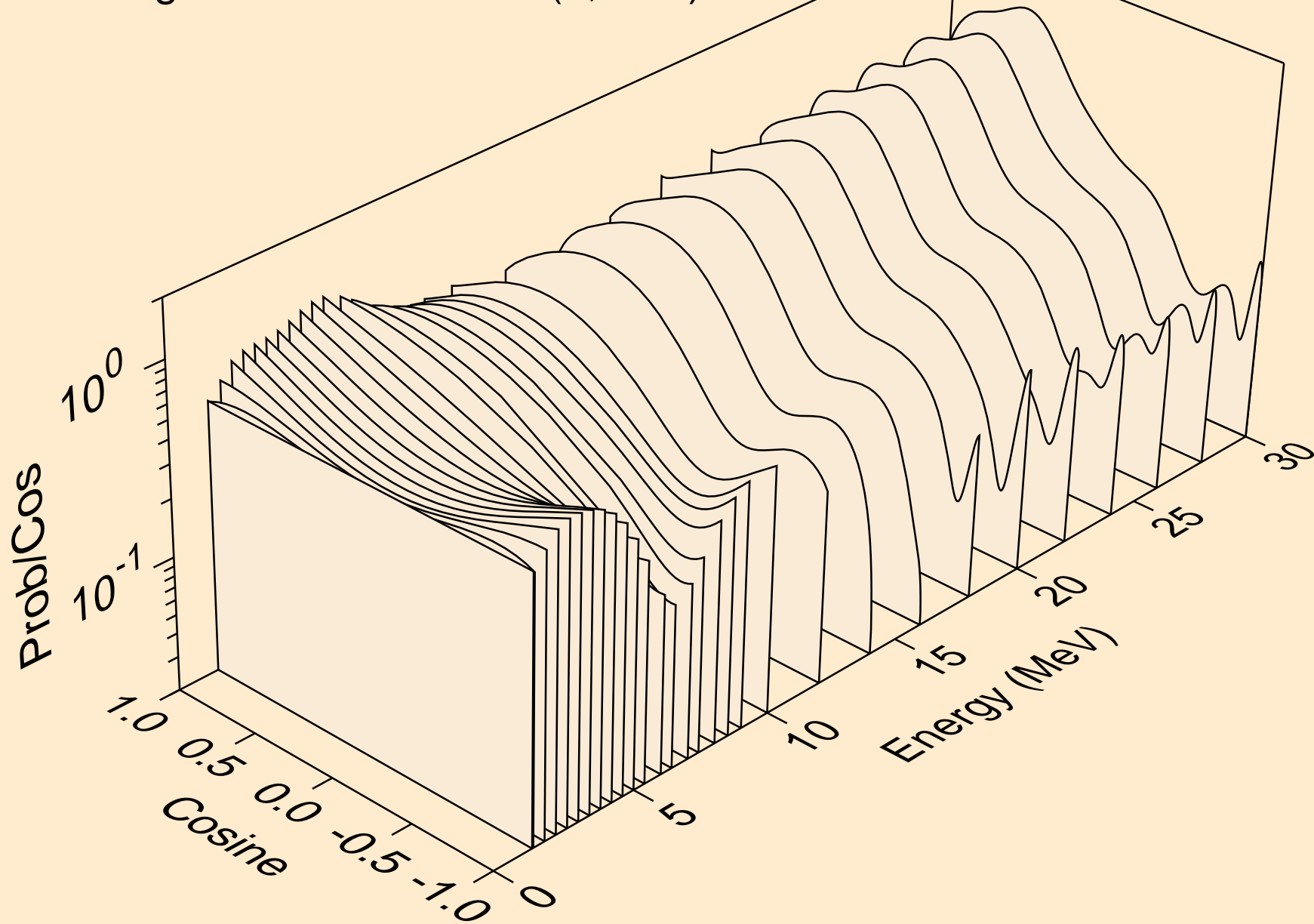
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angular distribution for (n,n\*23)



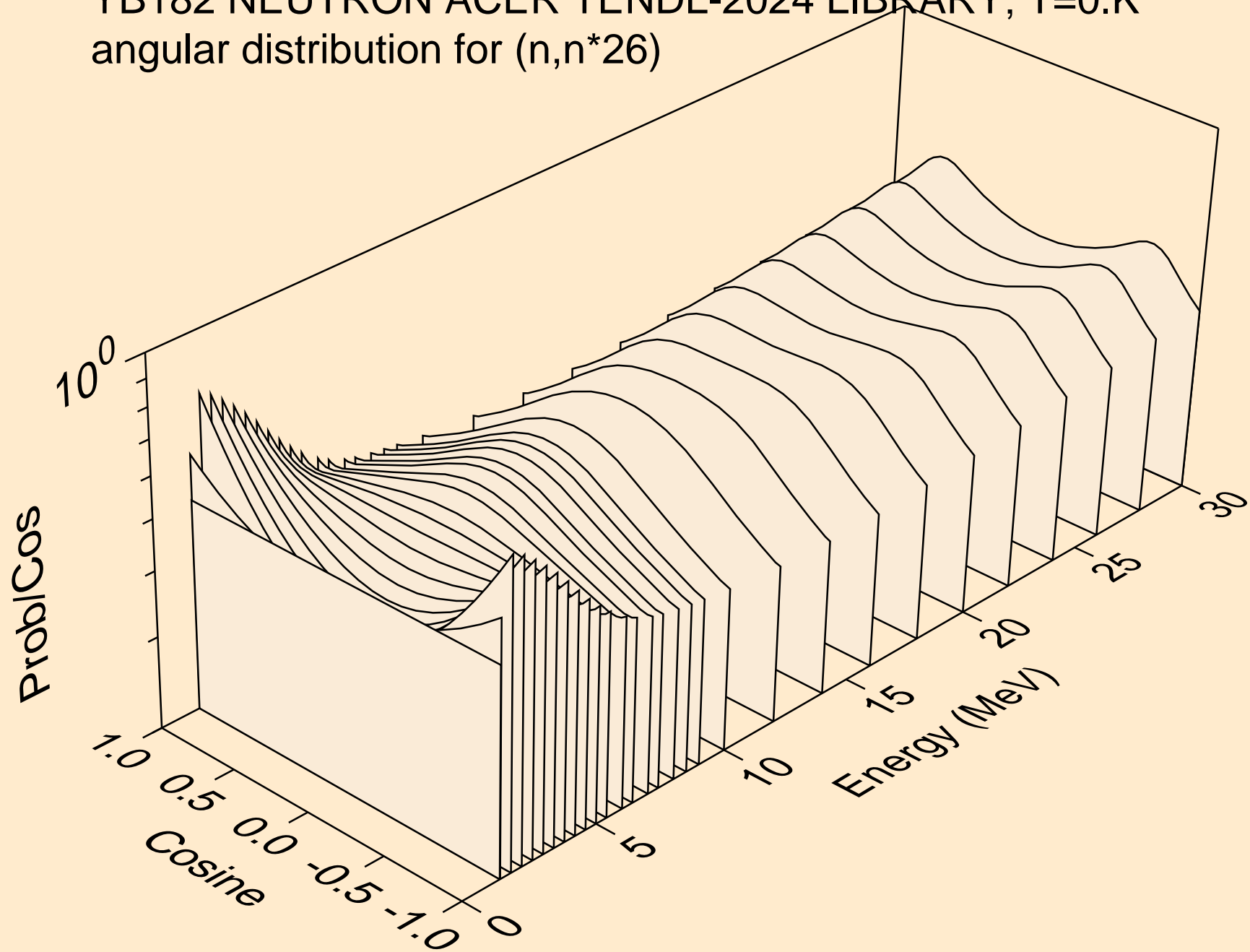
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angular distribution for (n,n\*24)



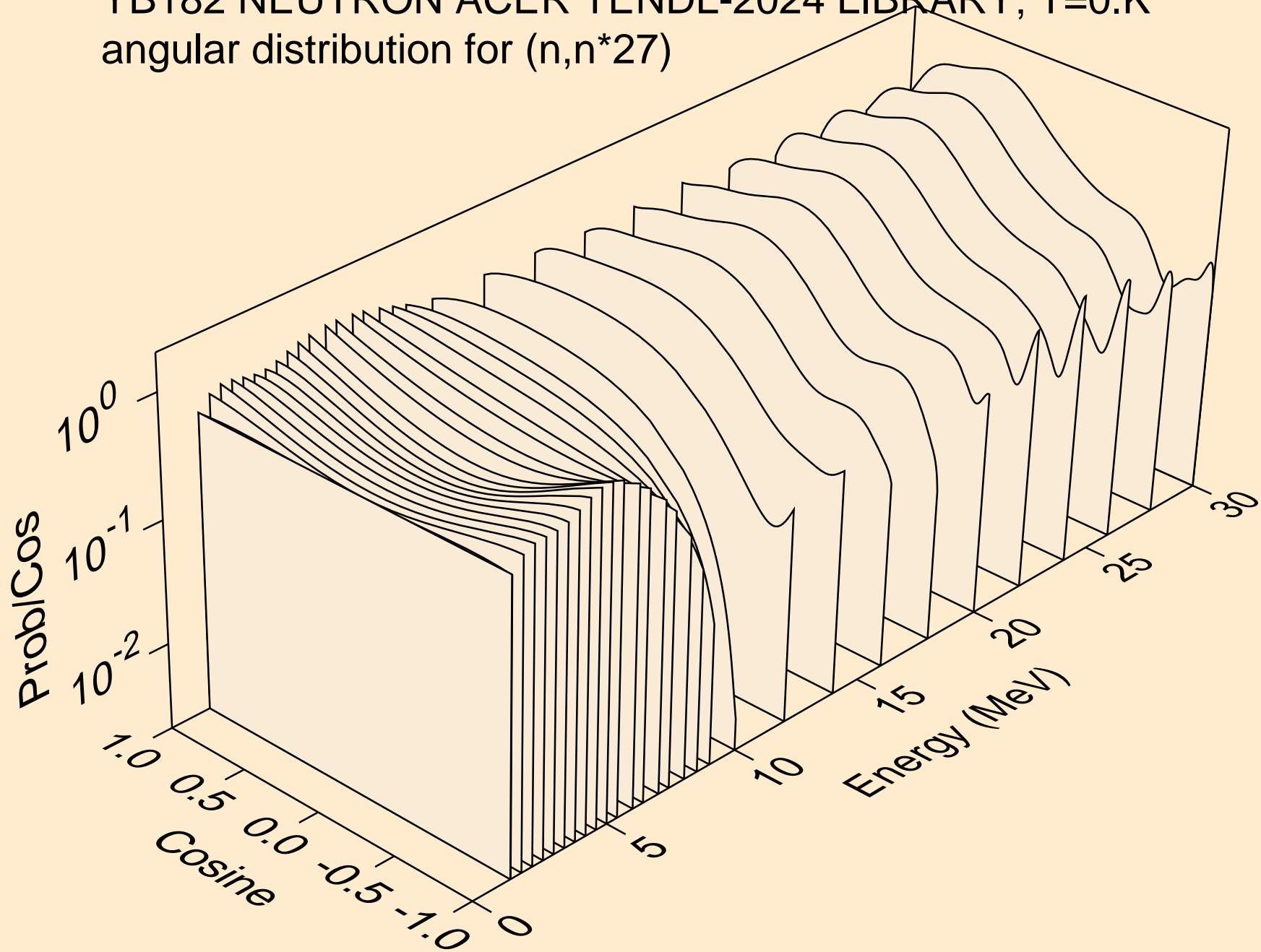
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angular distribution for (n,n\*25)



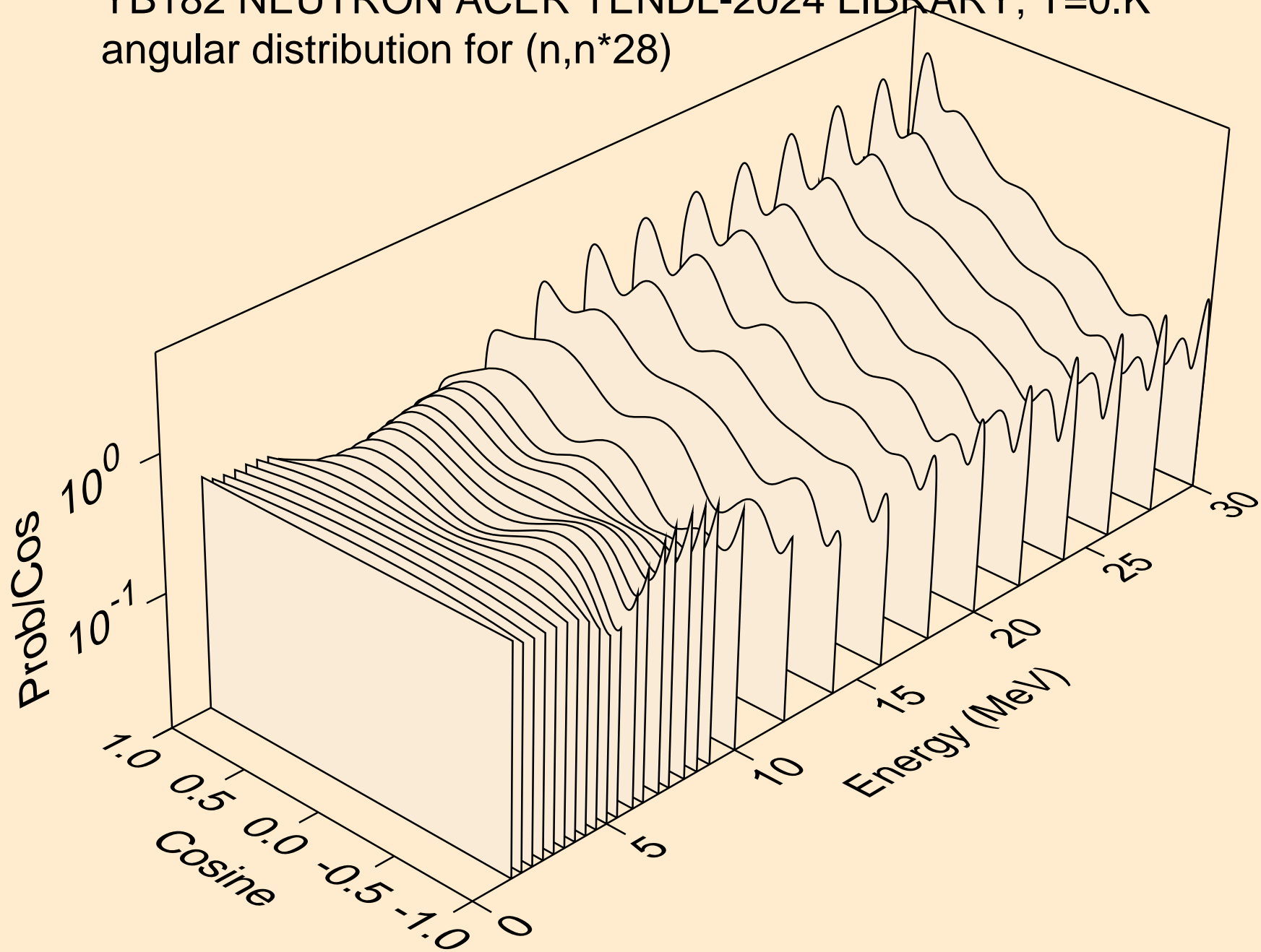
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angular distribution for (n,n\*26)



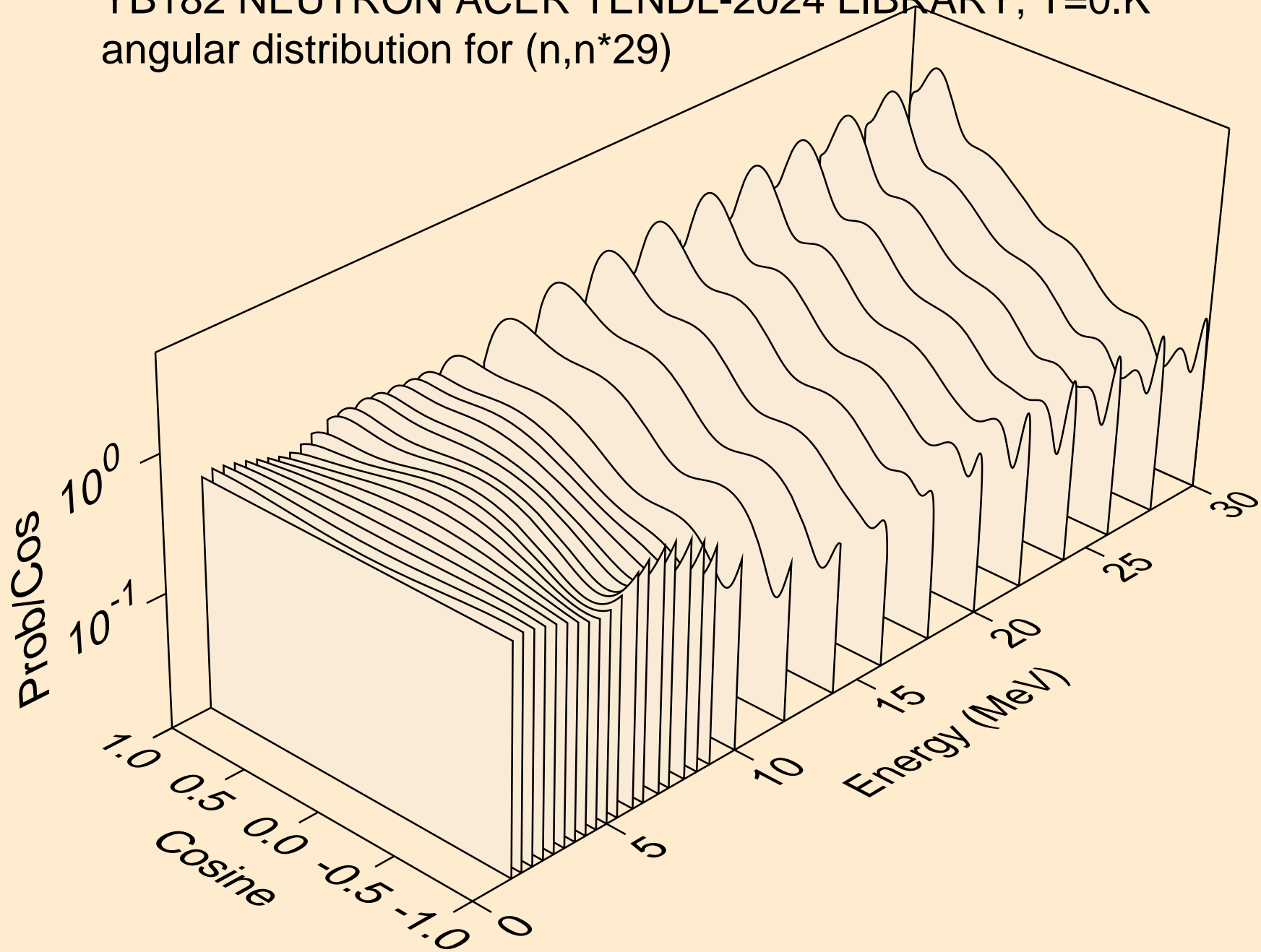
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

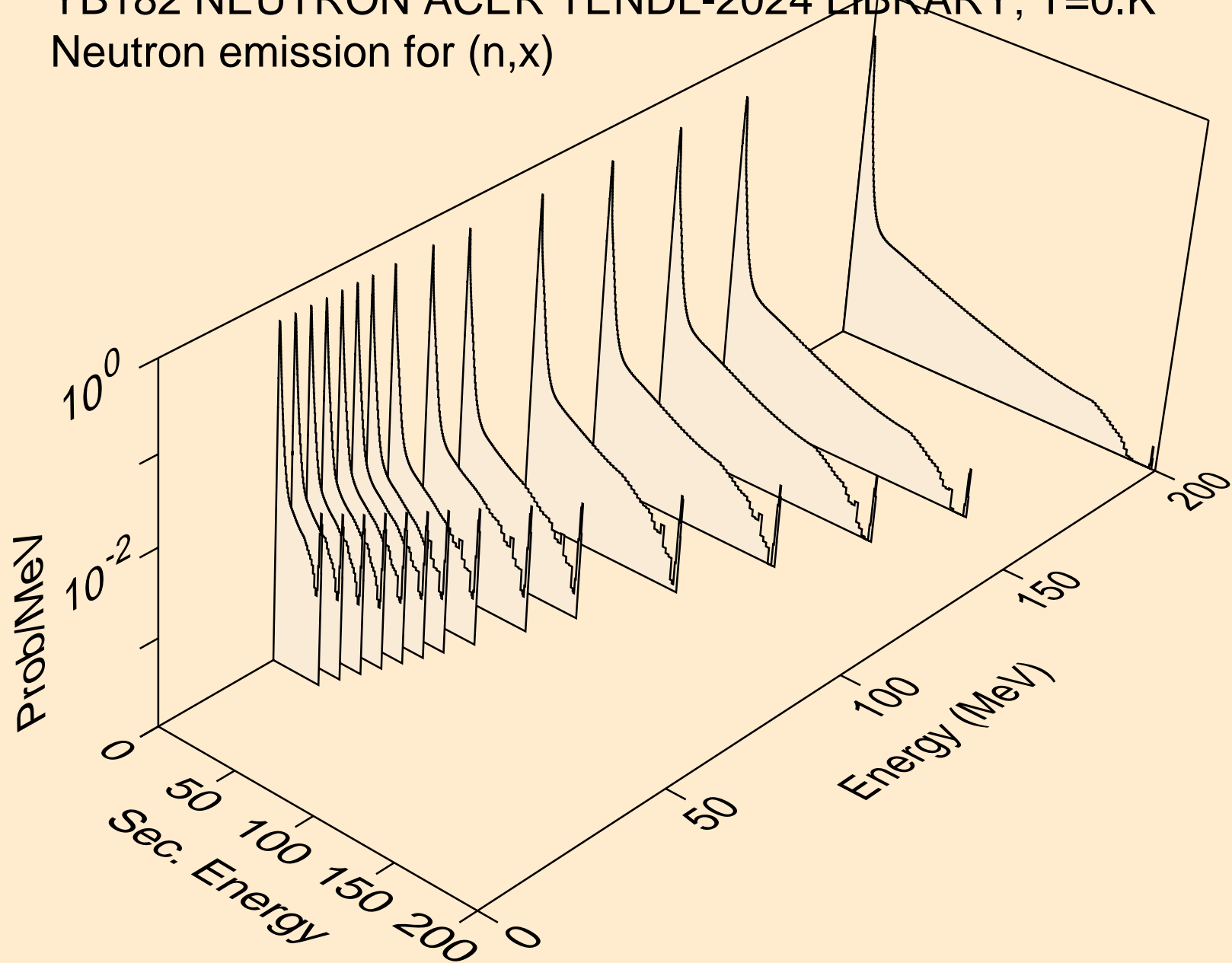


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

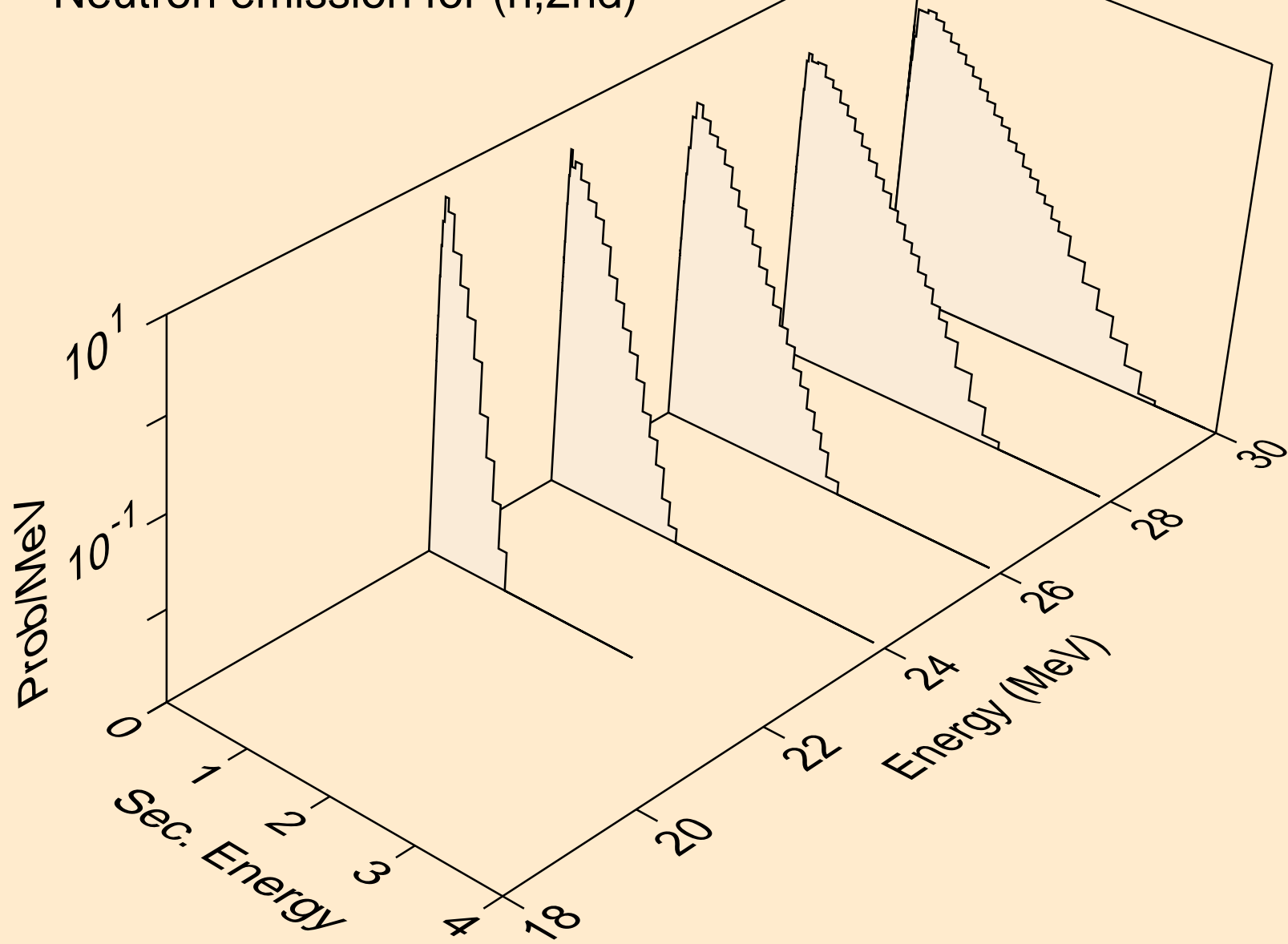




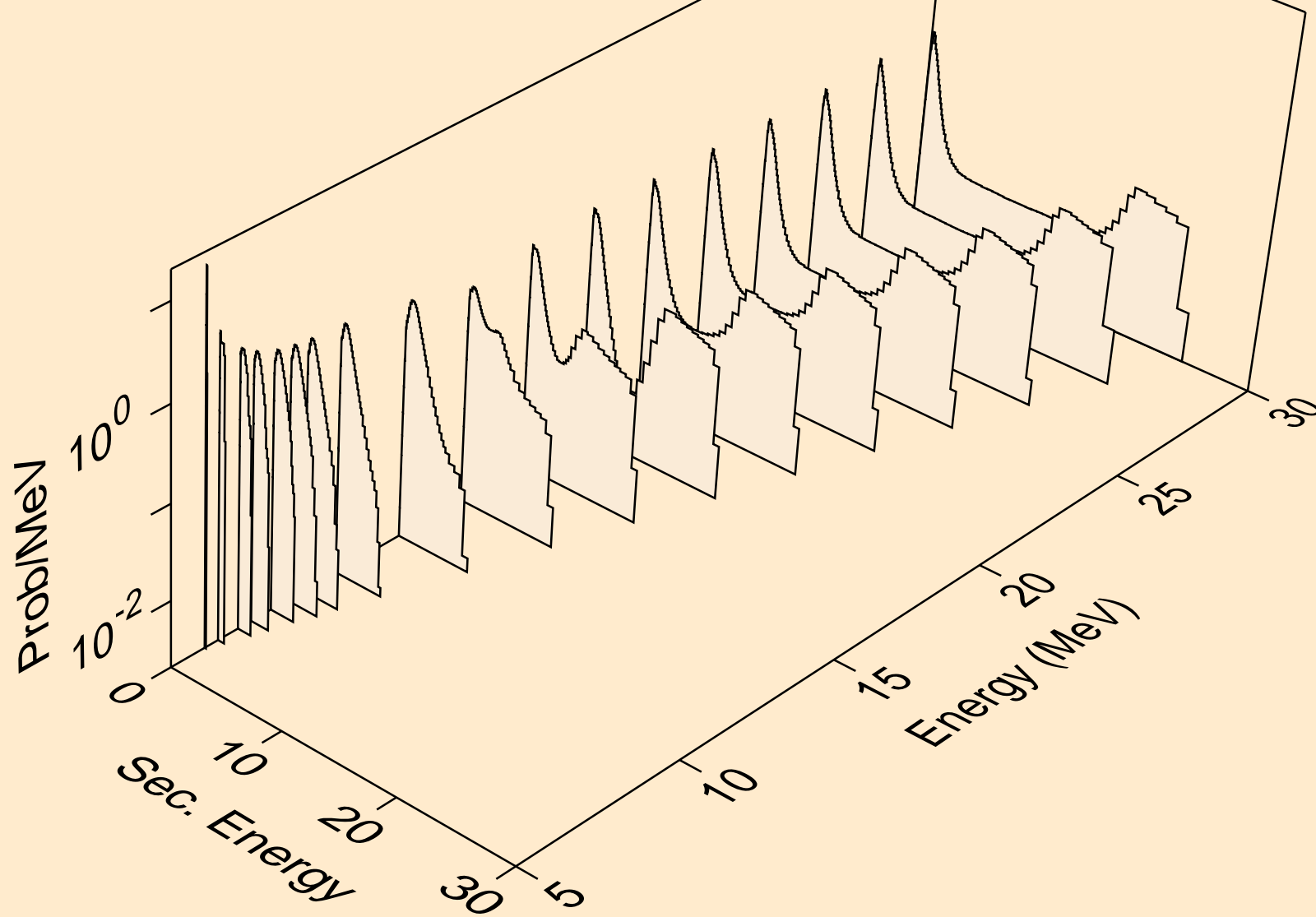
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Neutron emission for (n,x)



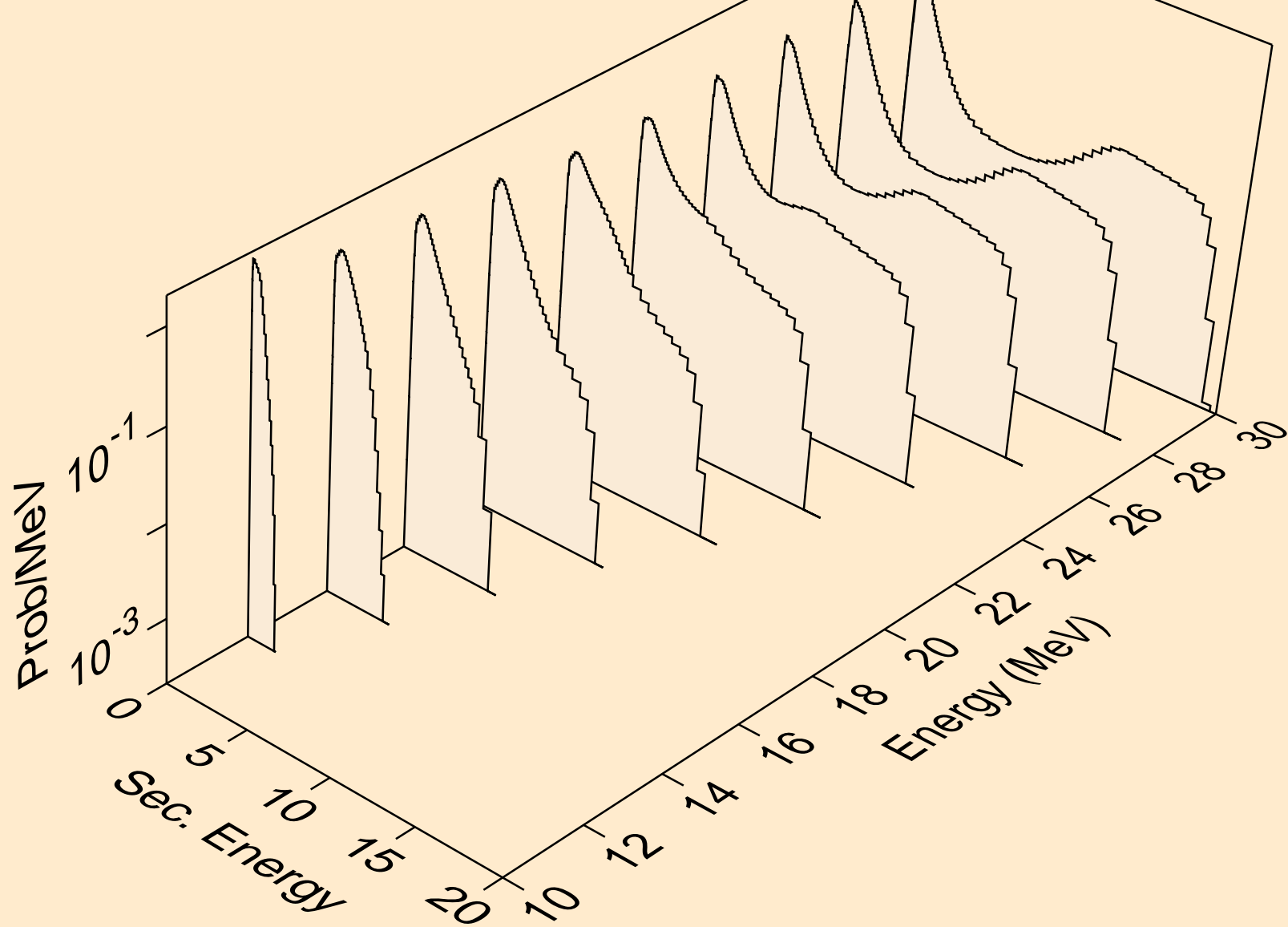
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



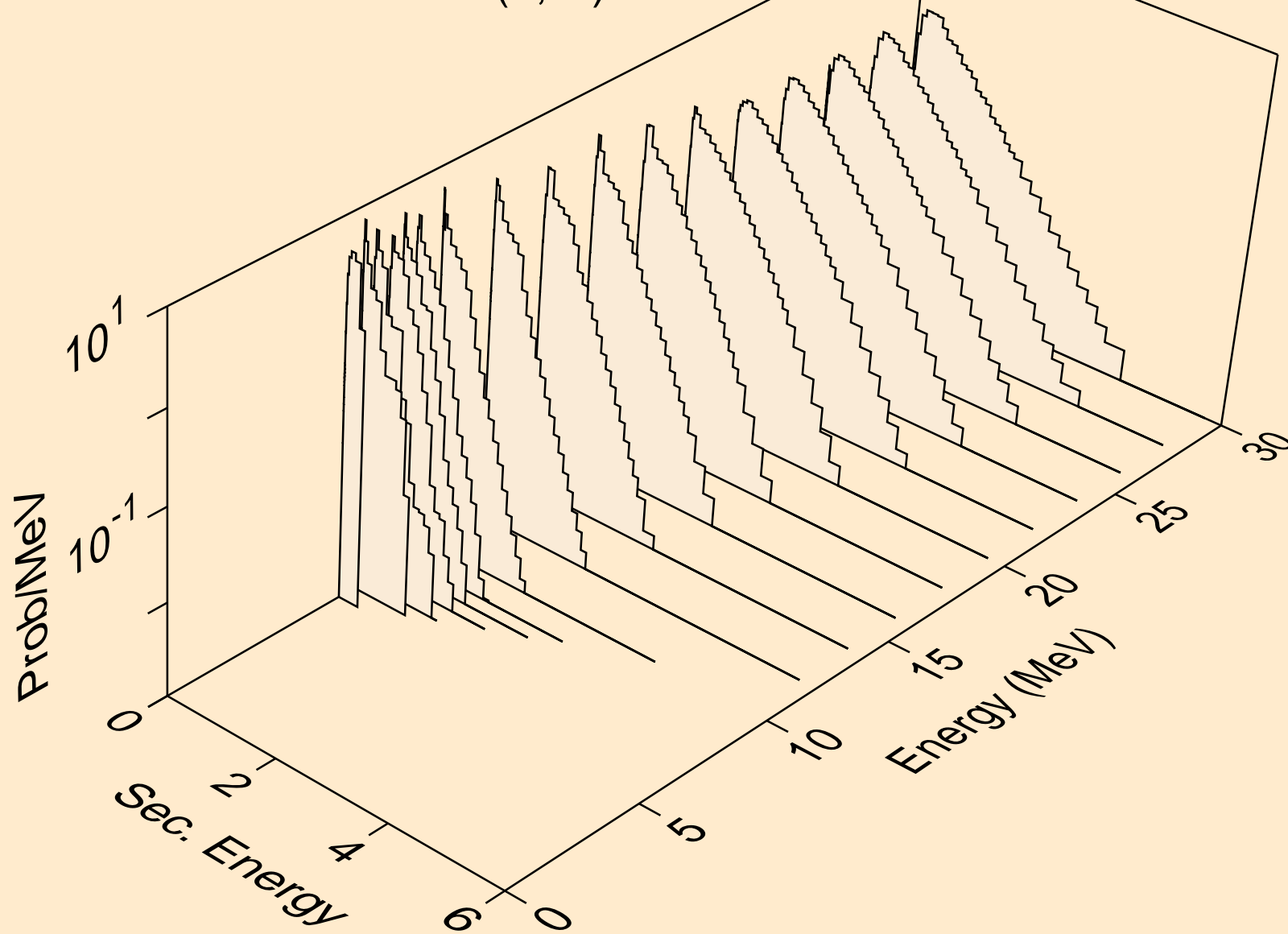
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



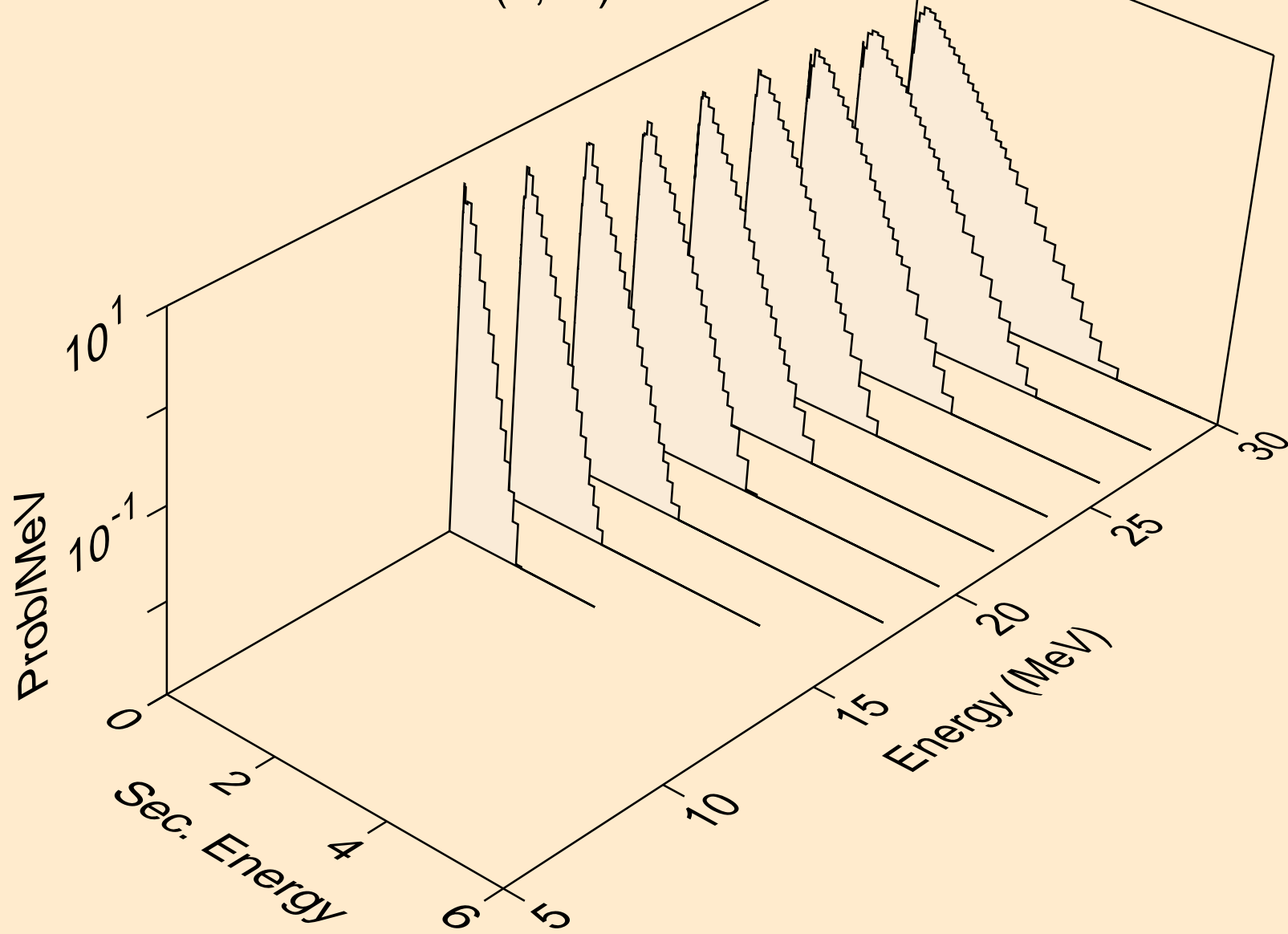
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



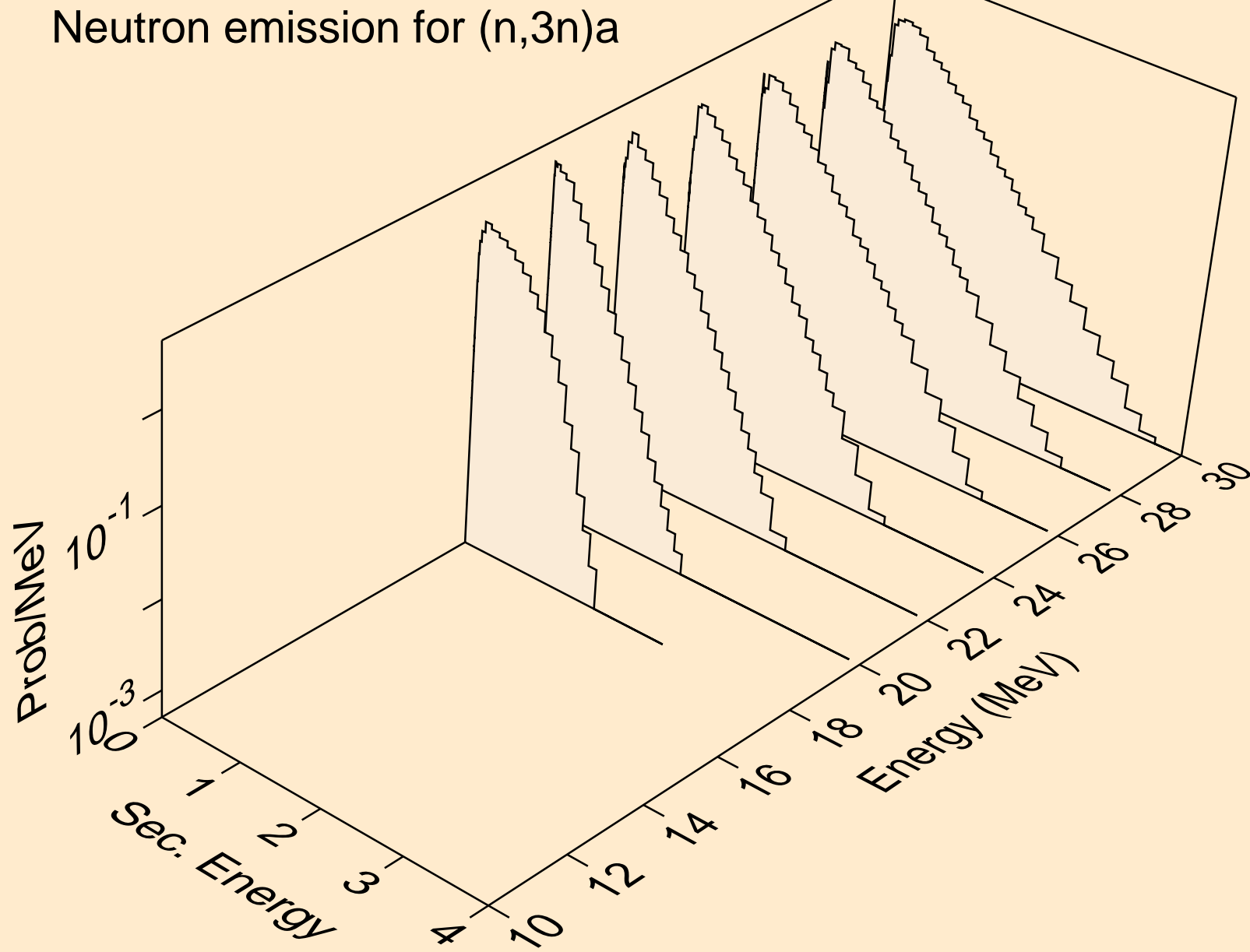
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



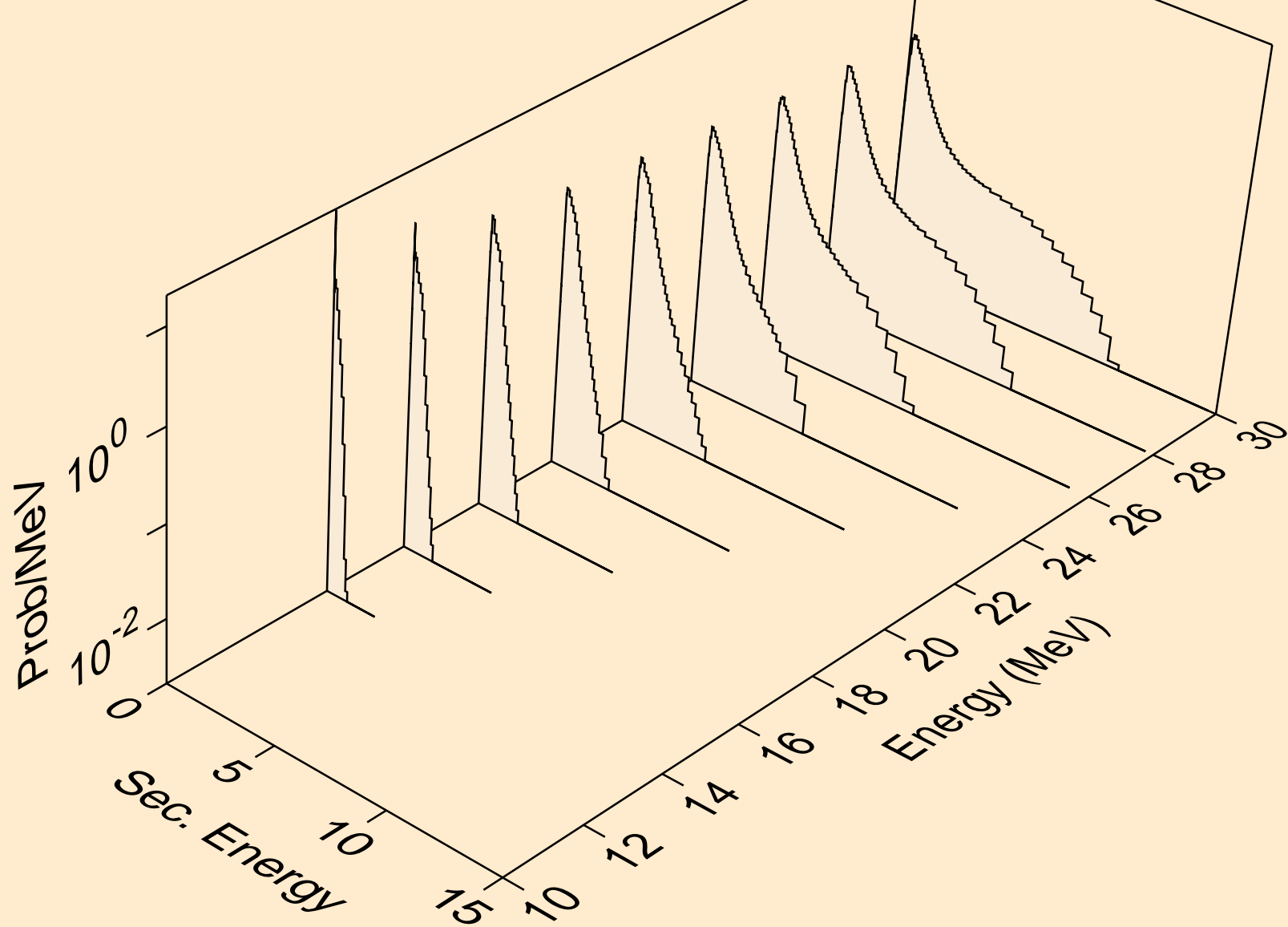
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

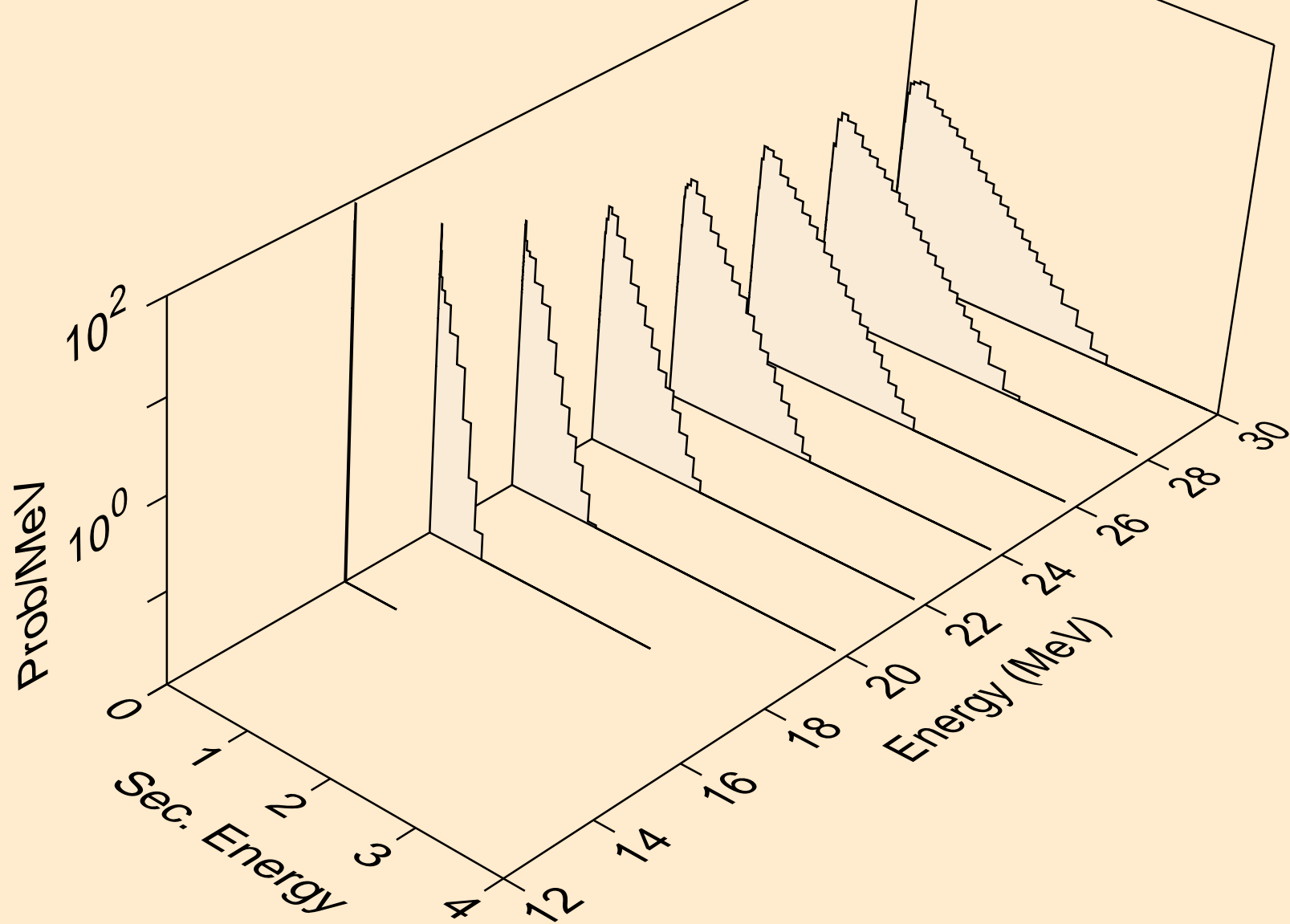


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

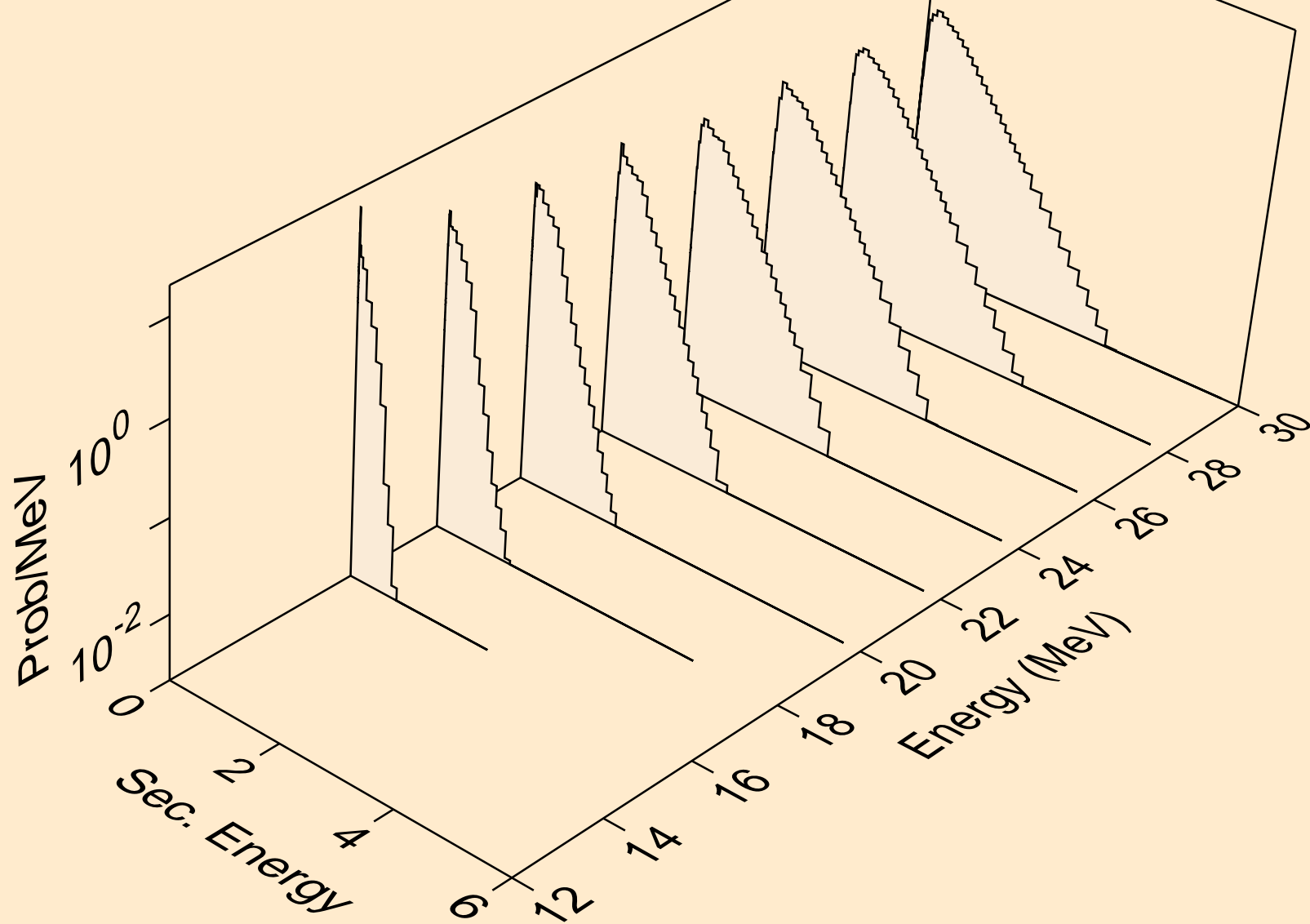




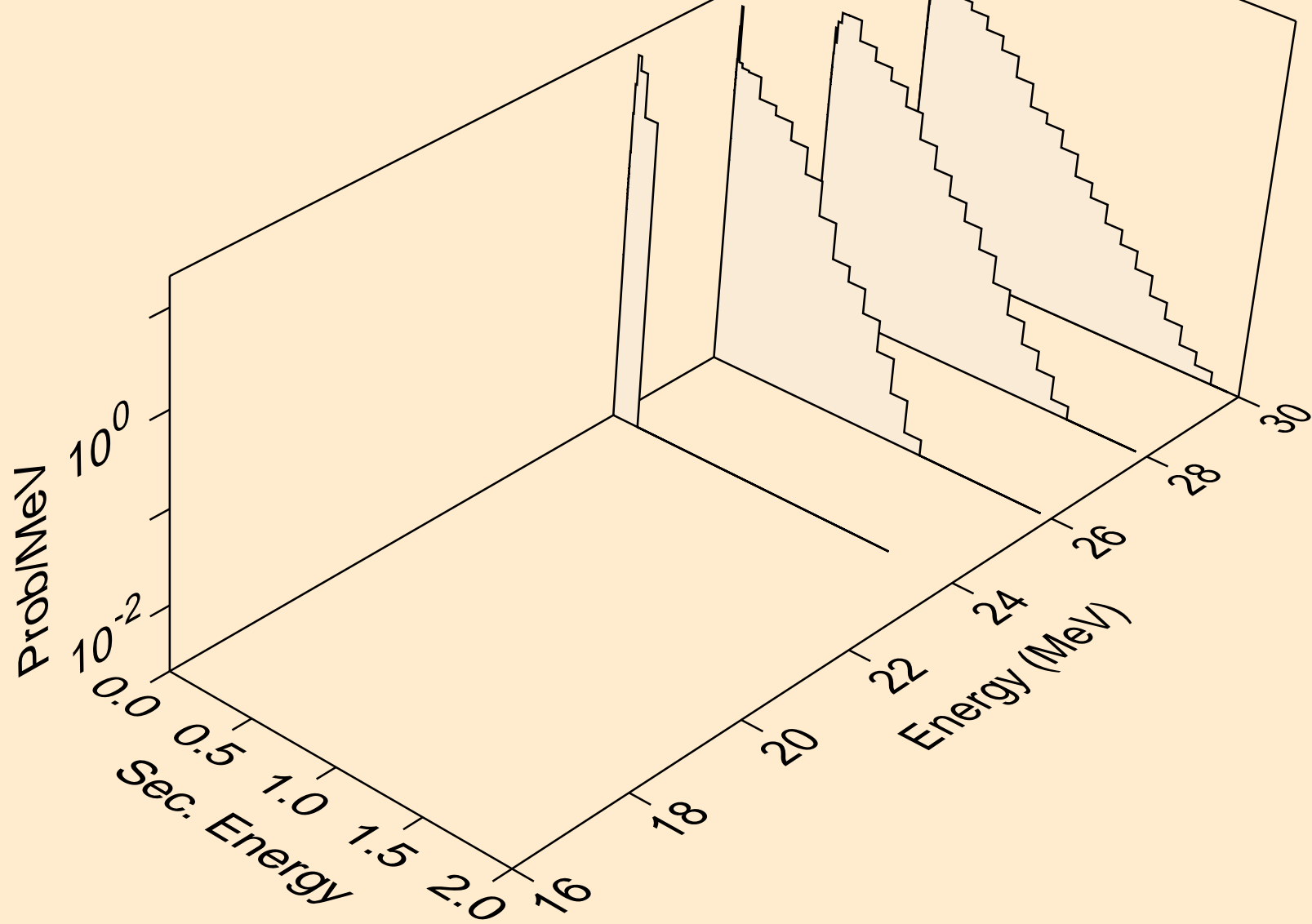
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



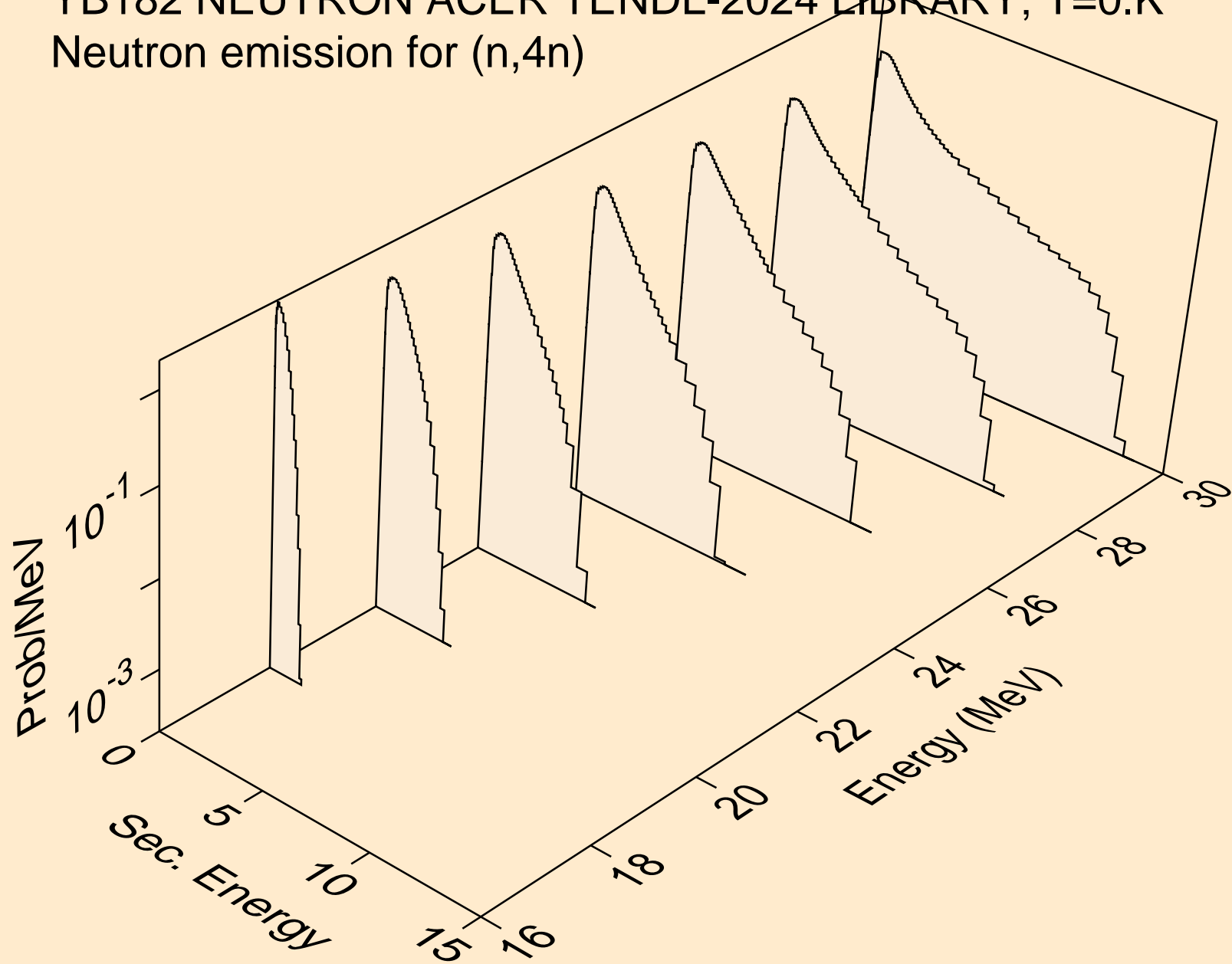
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



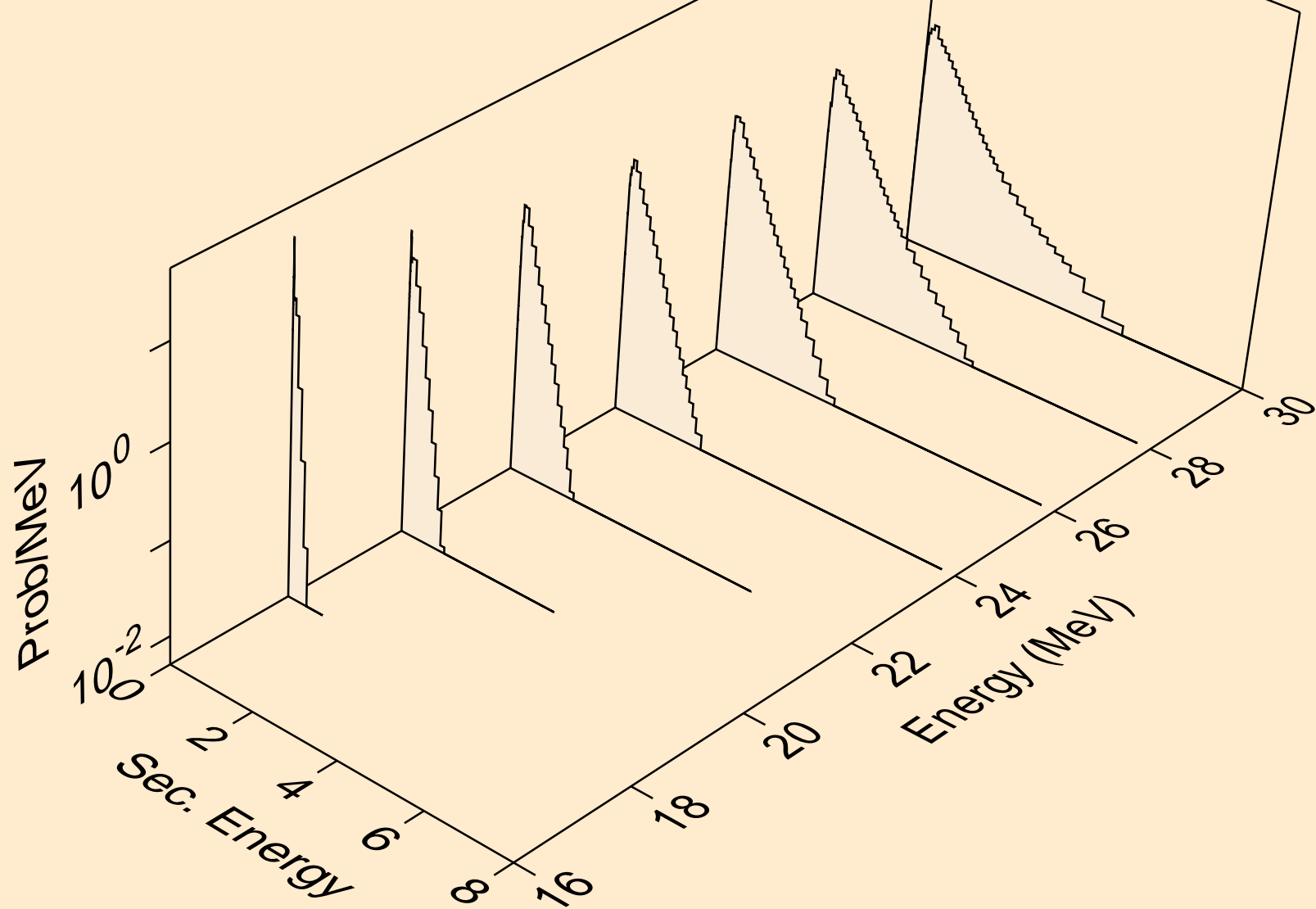
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



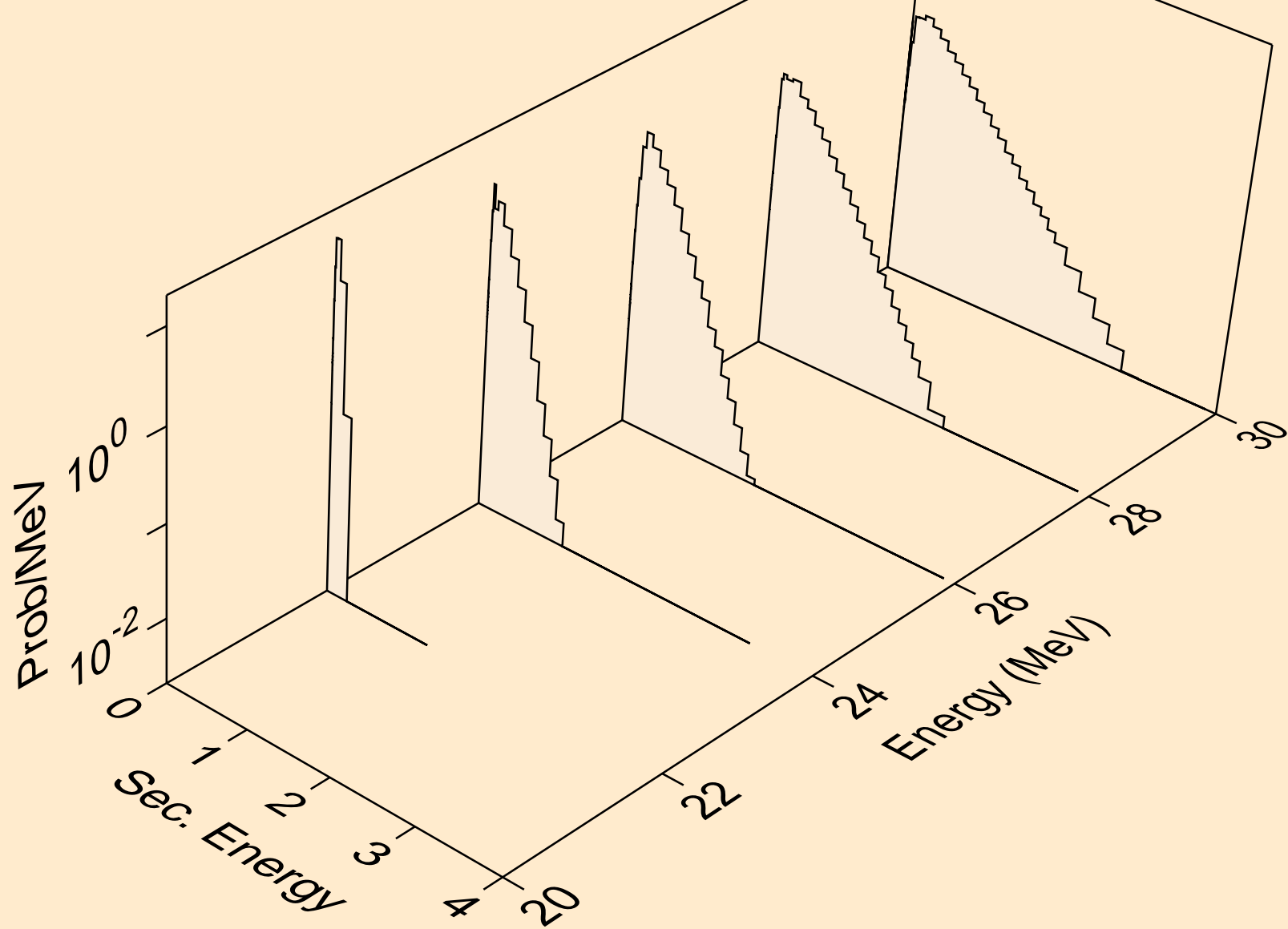
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



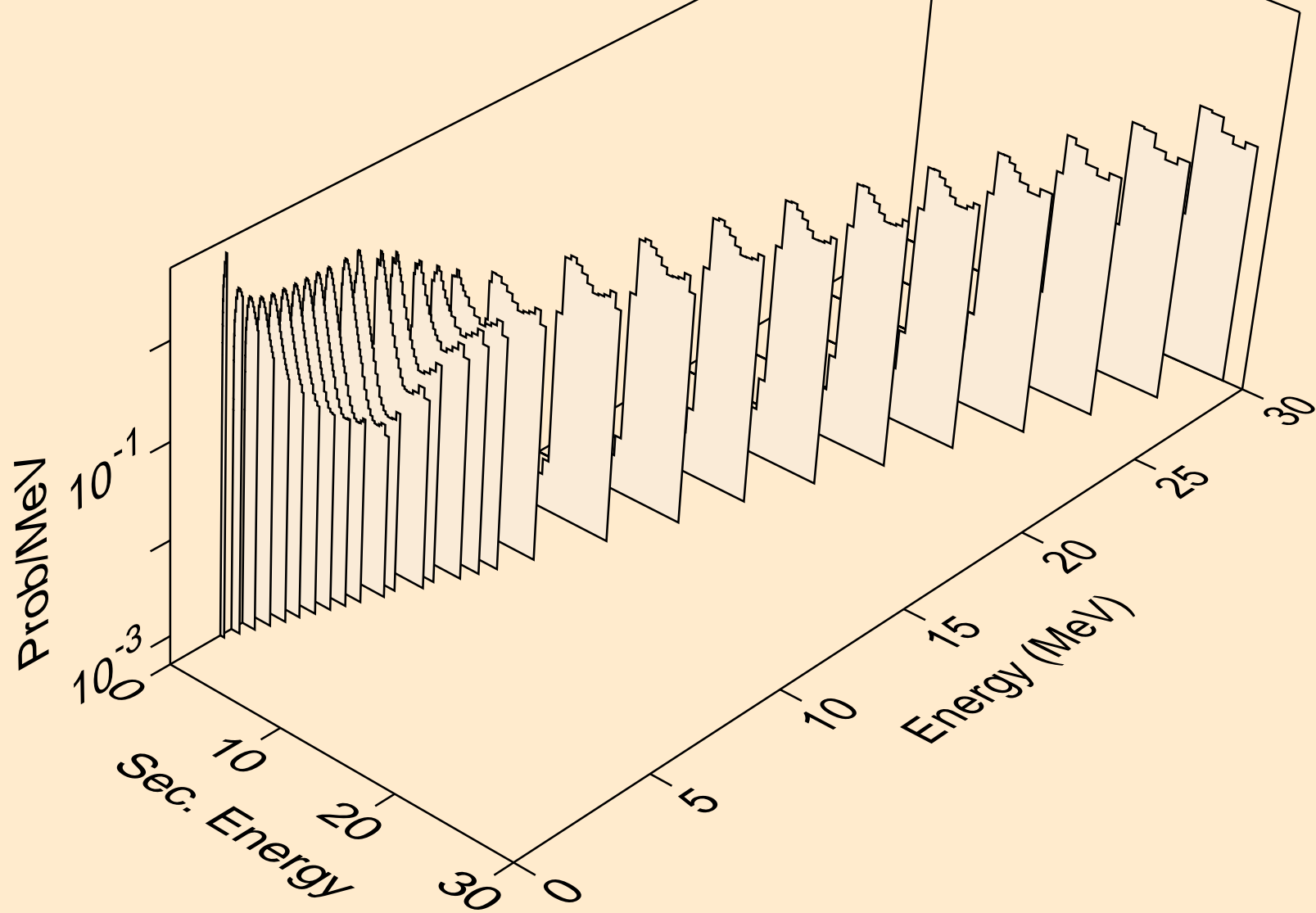
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



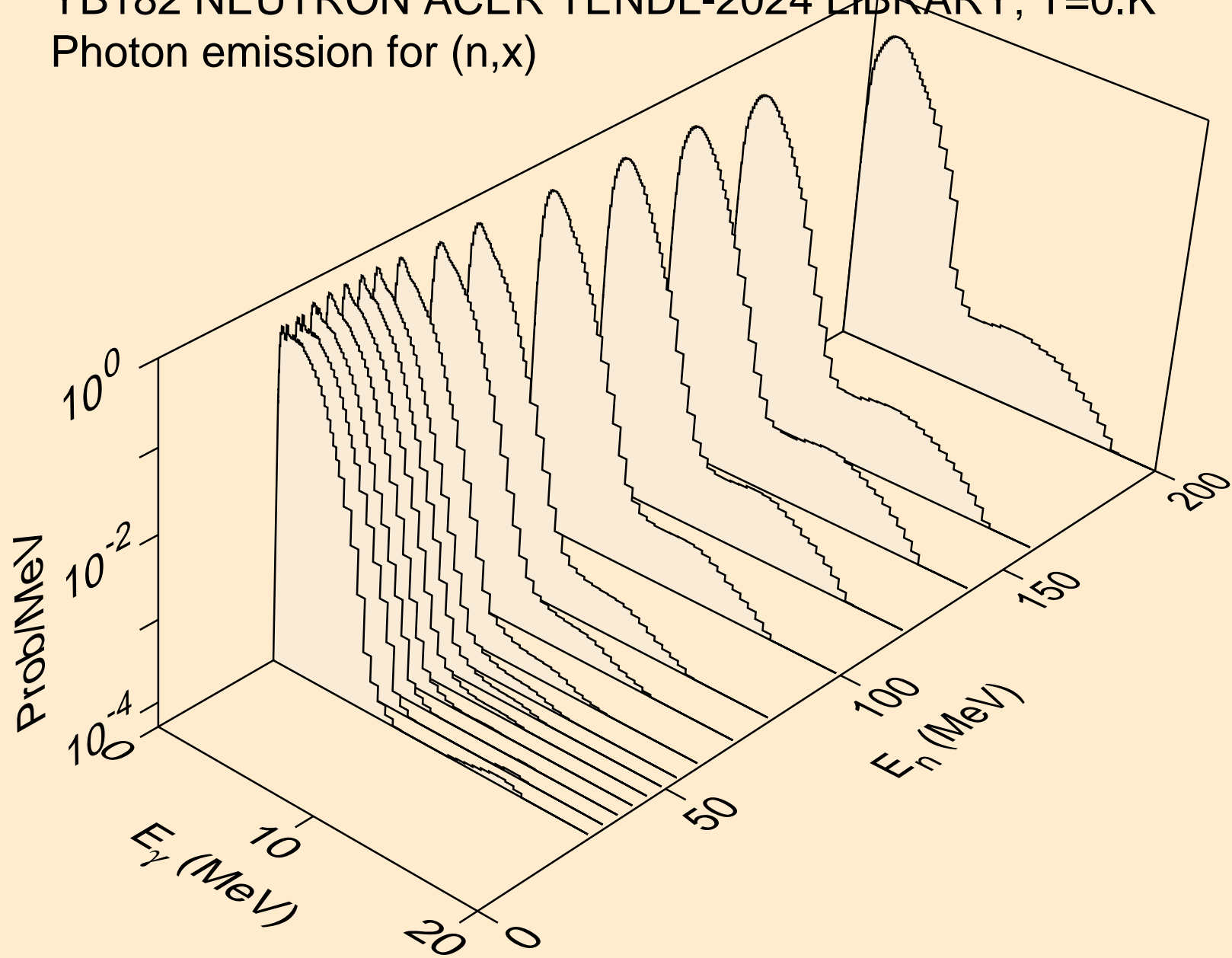
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

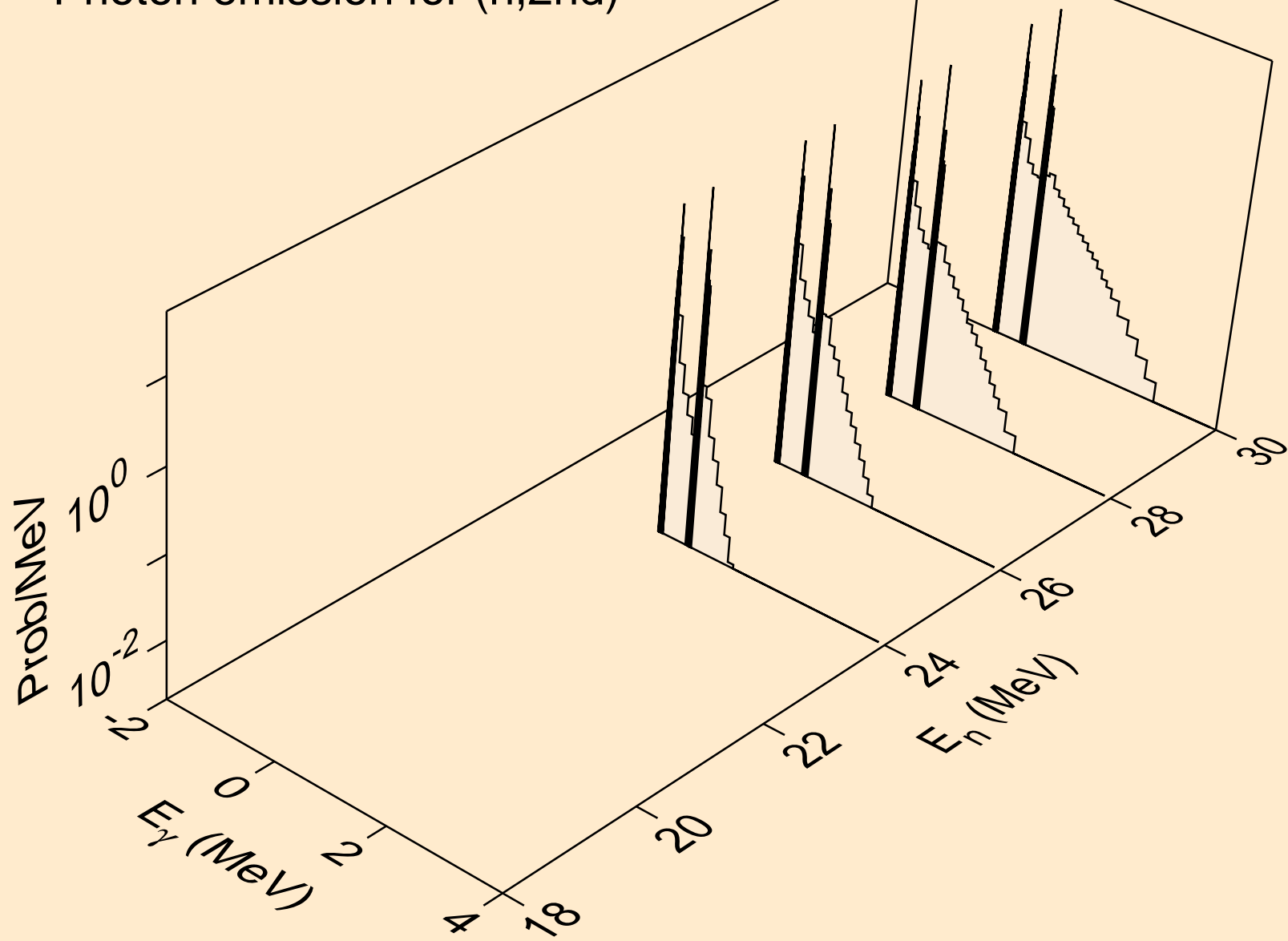


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

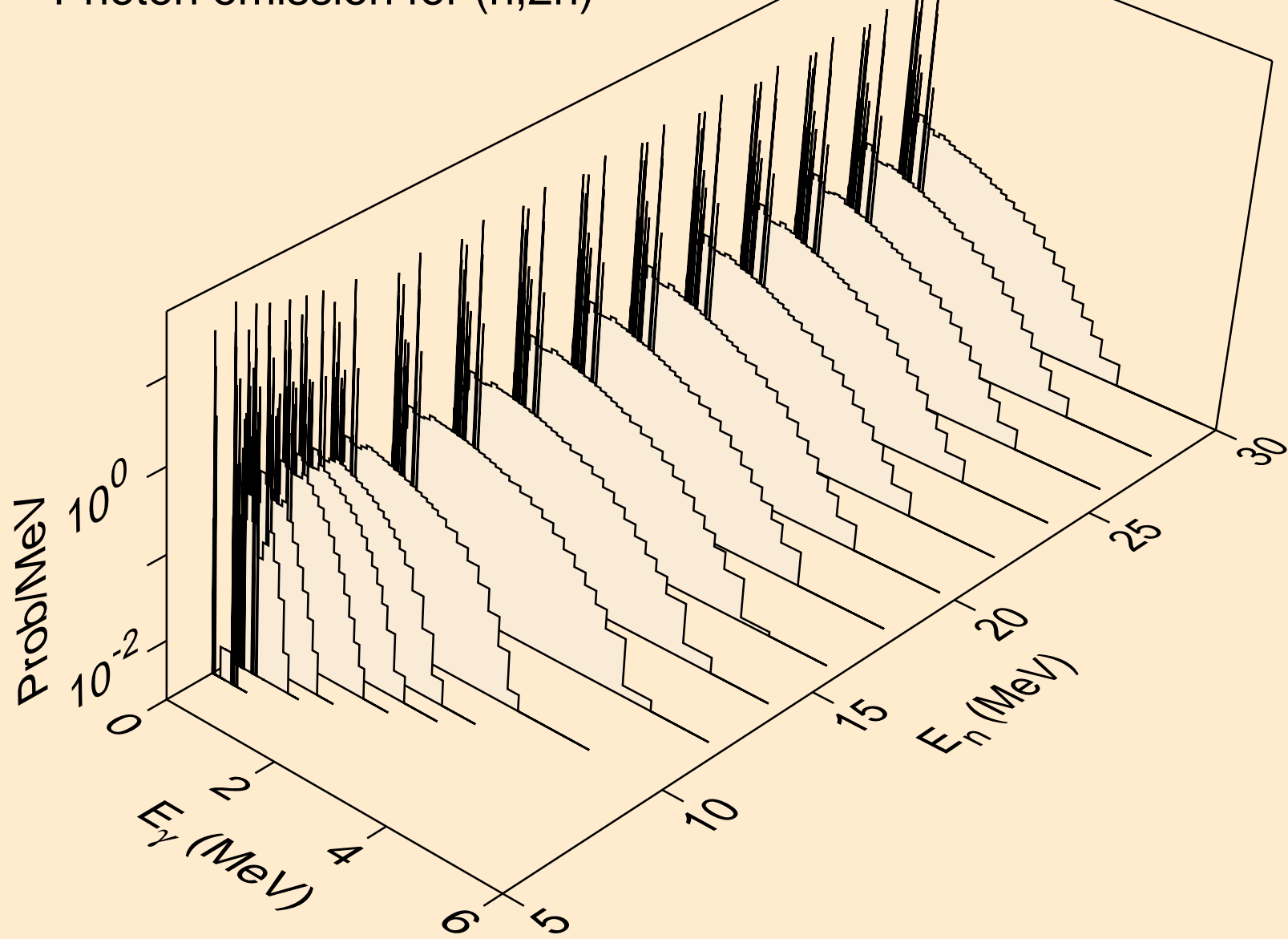




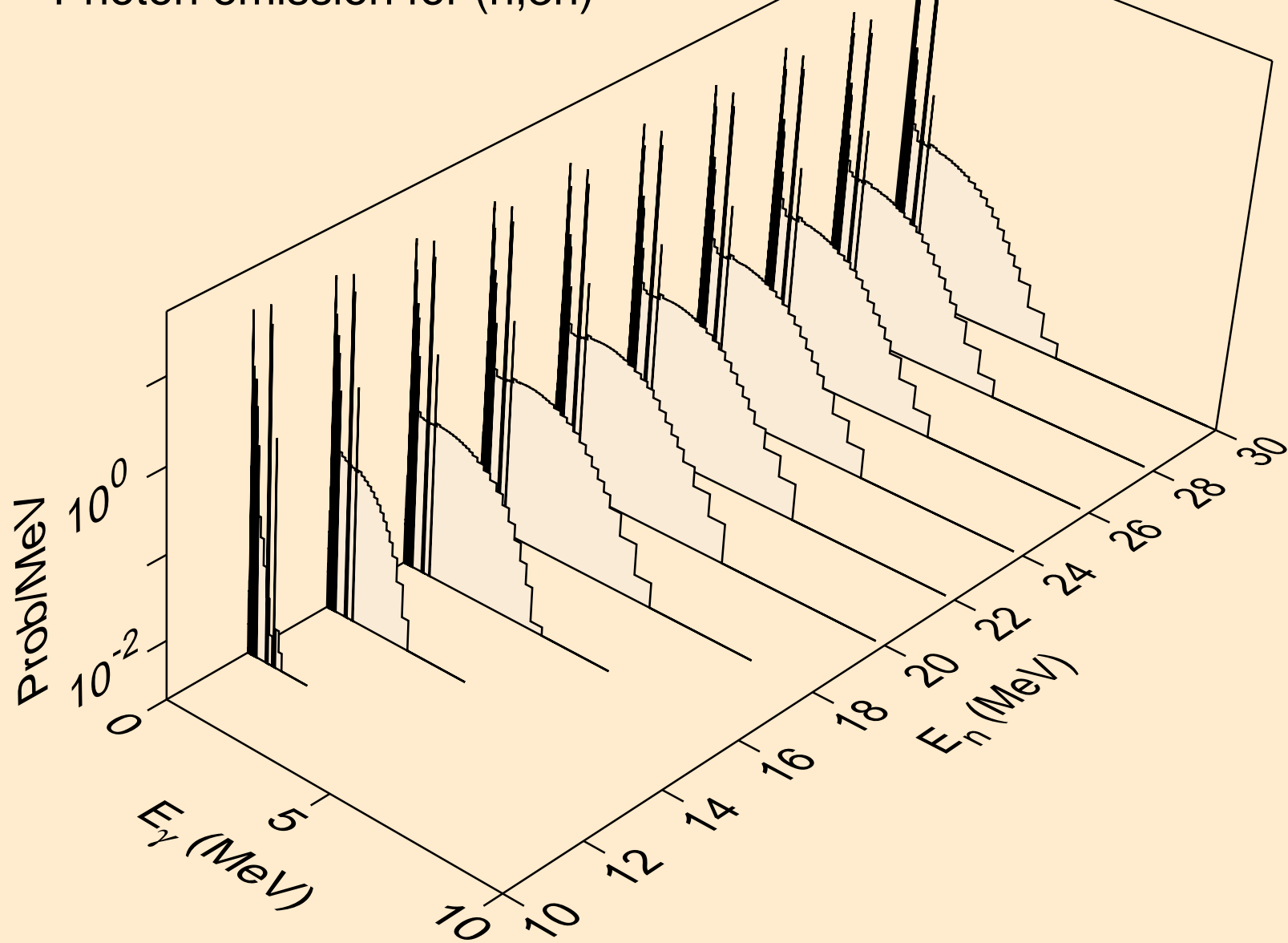
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



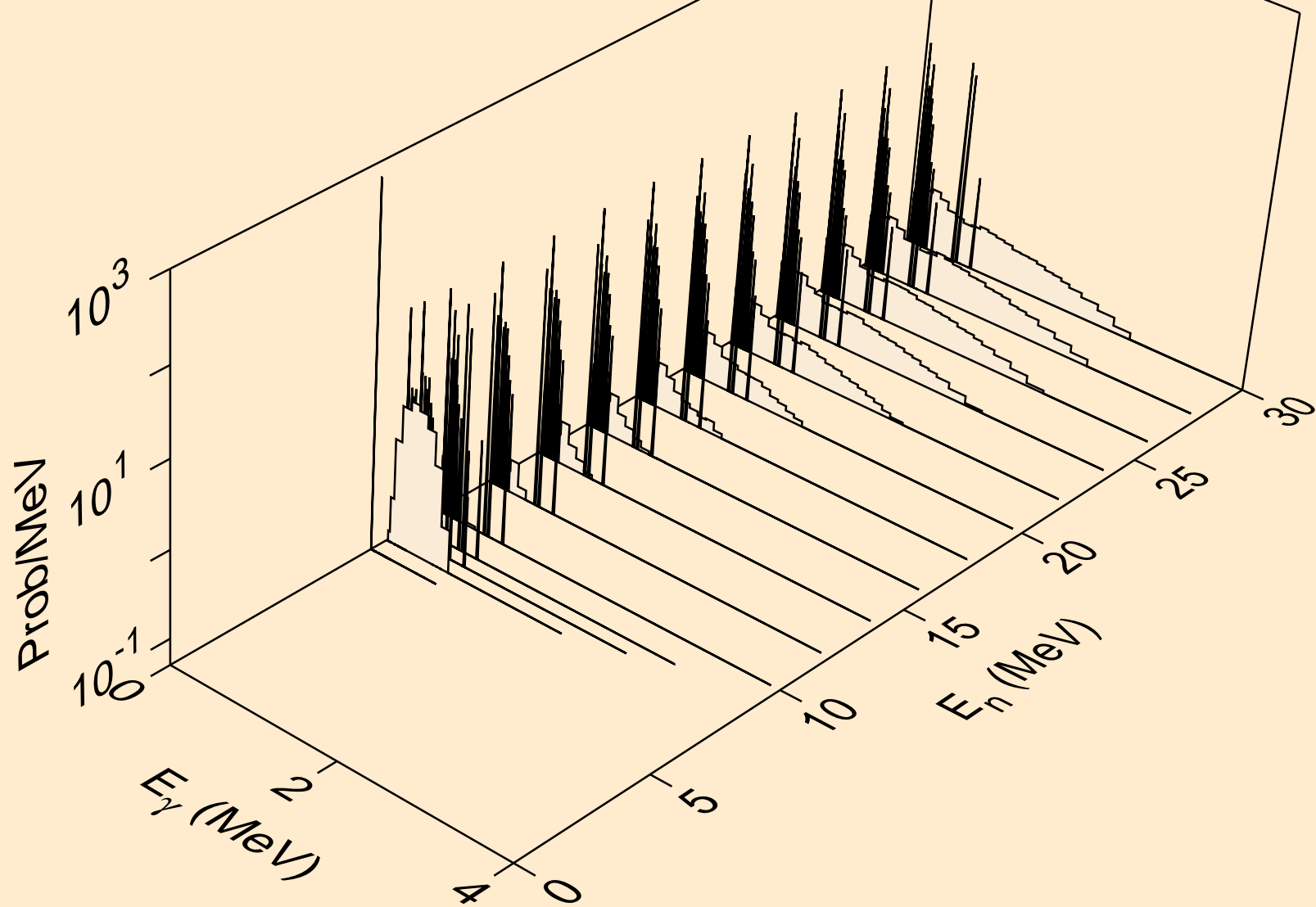
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Photon emission for (n,2n)



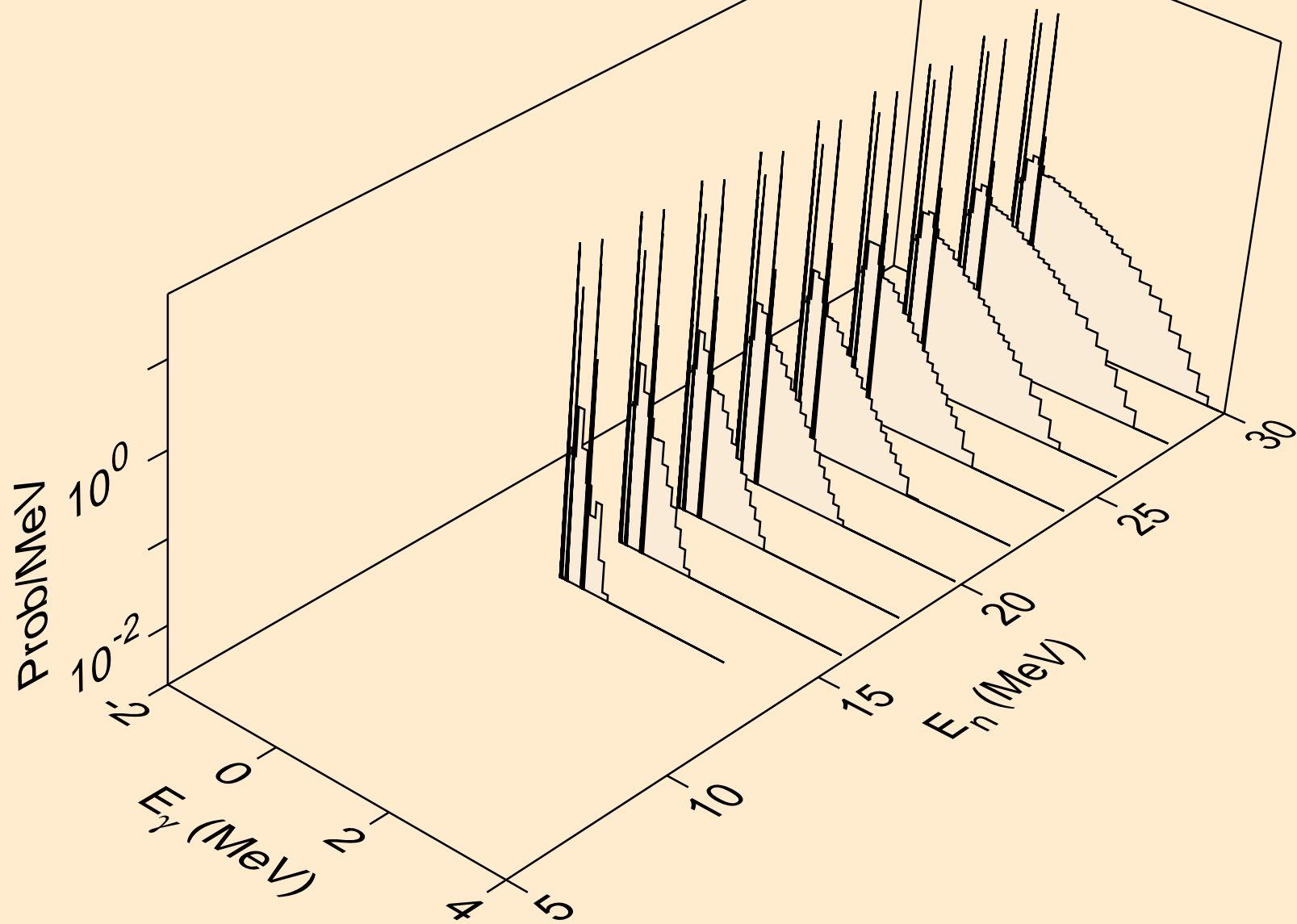
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



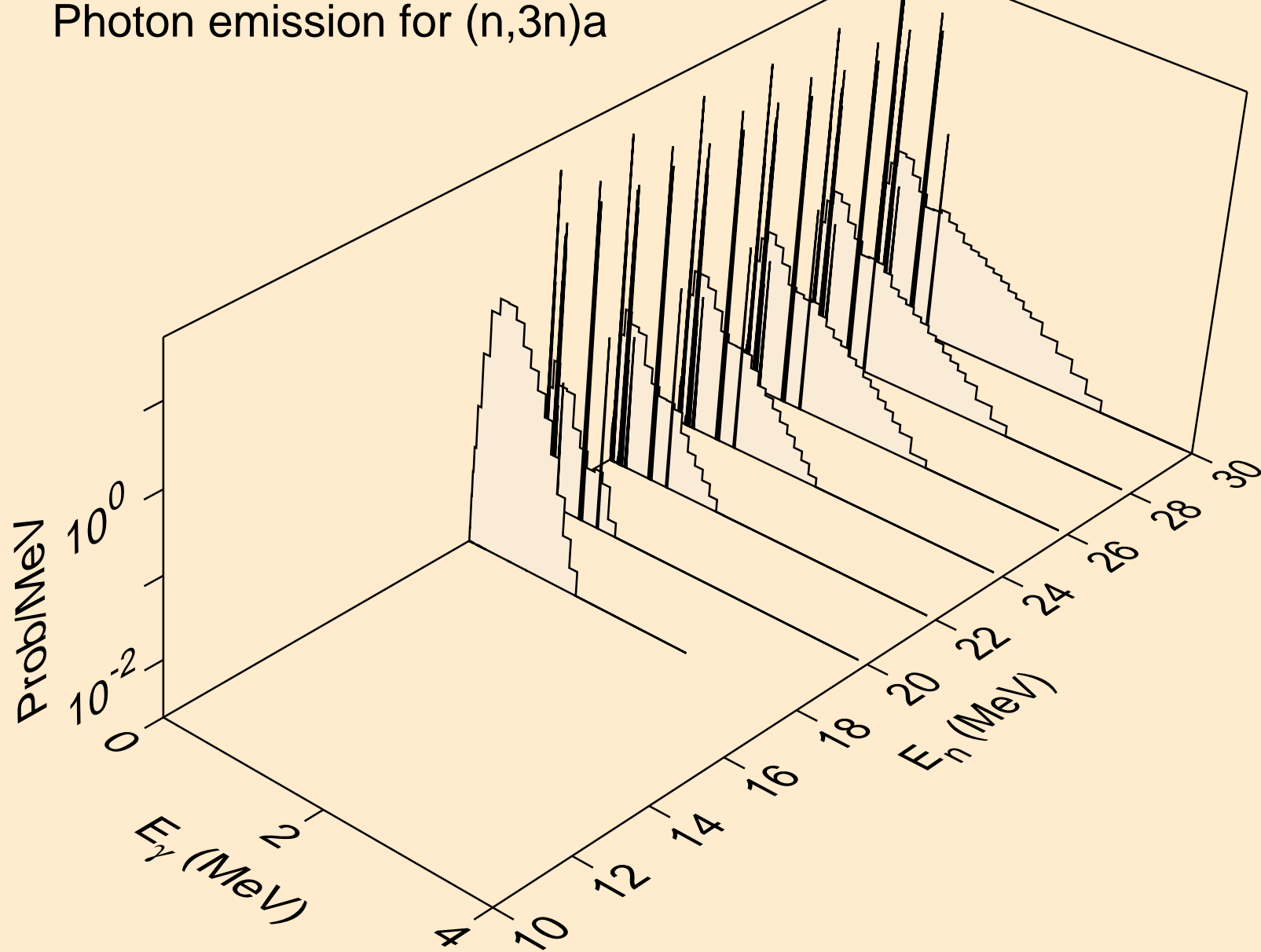
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



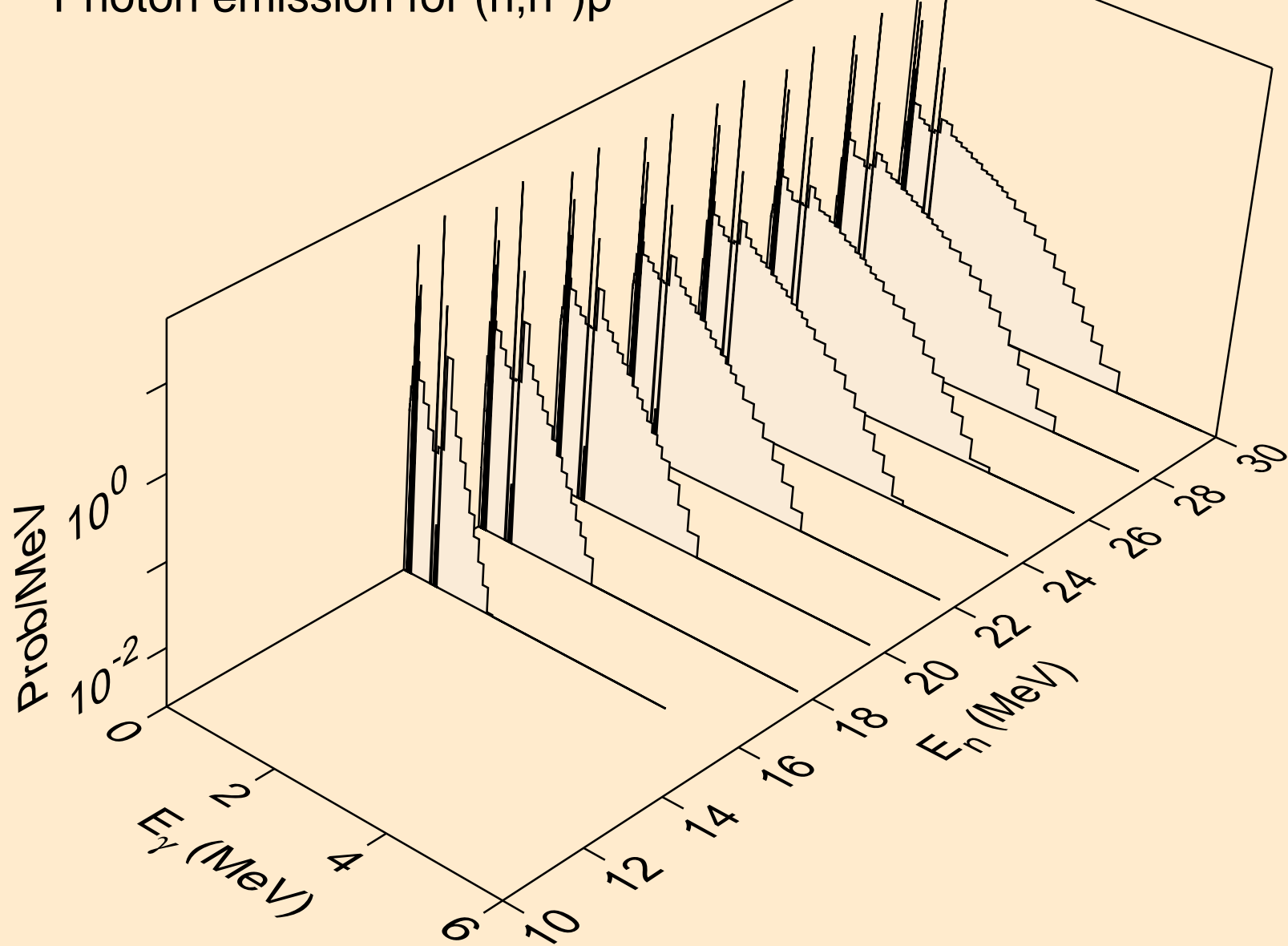
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



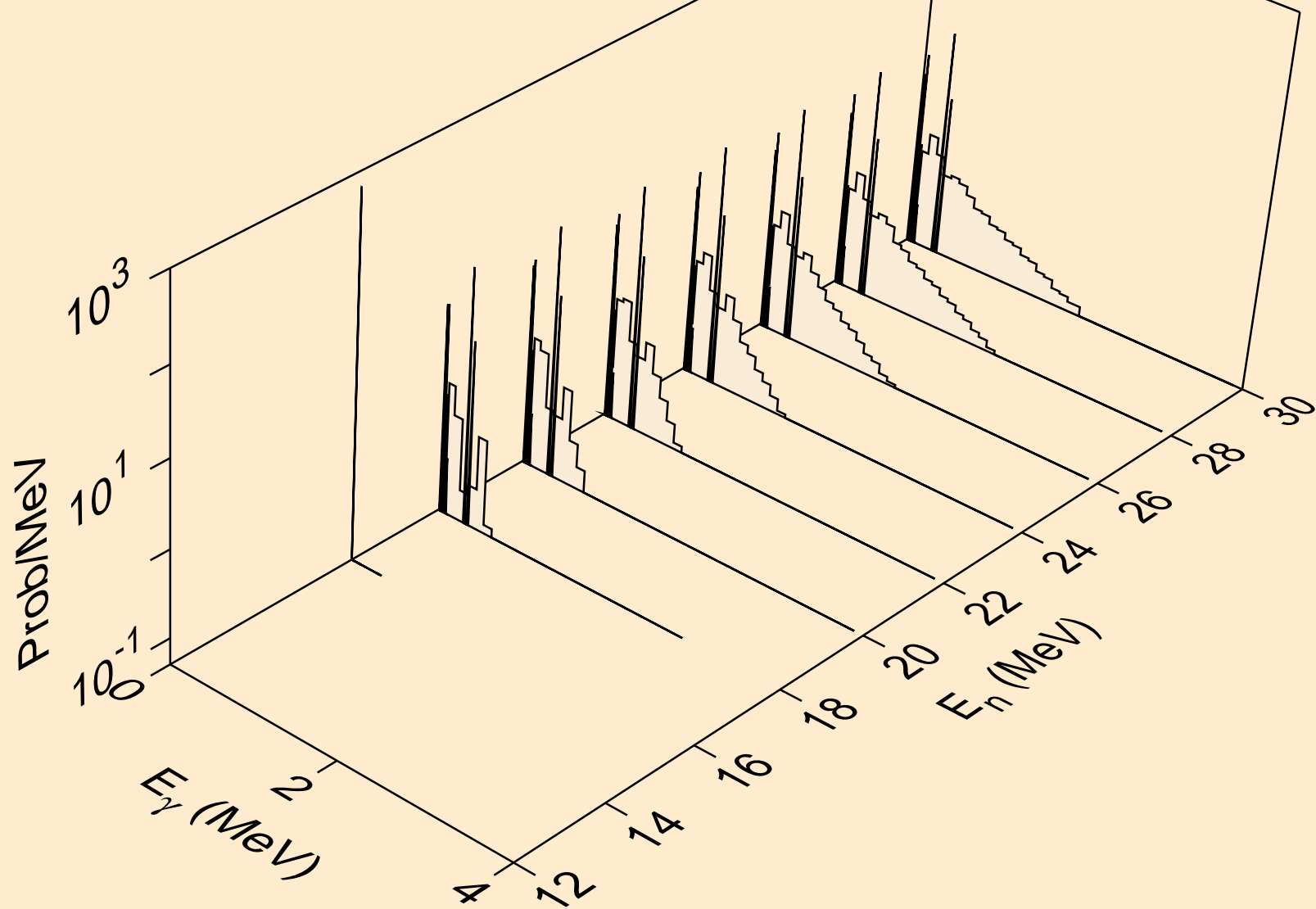
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

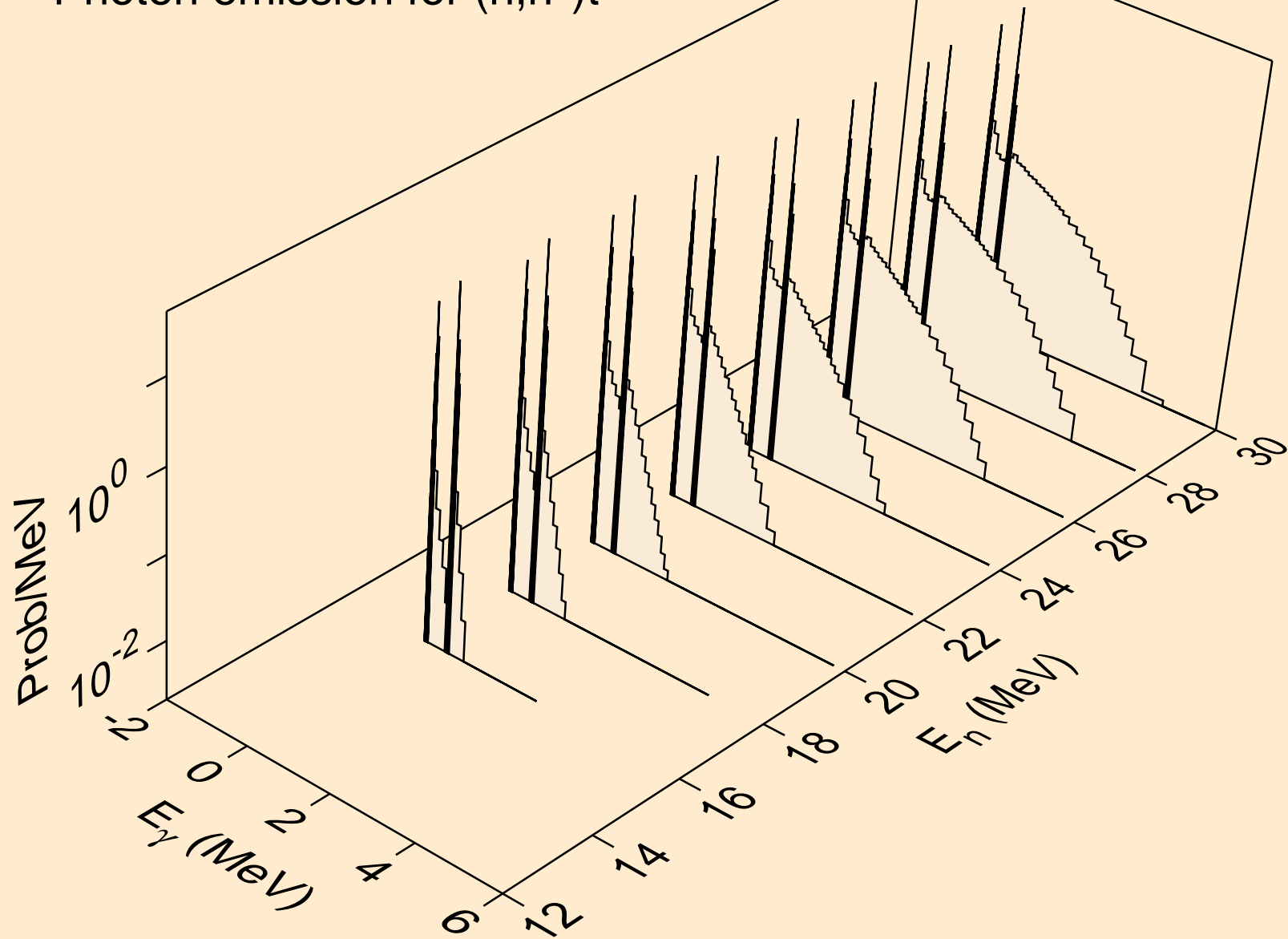


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

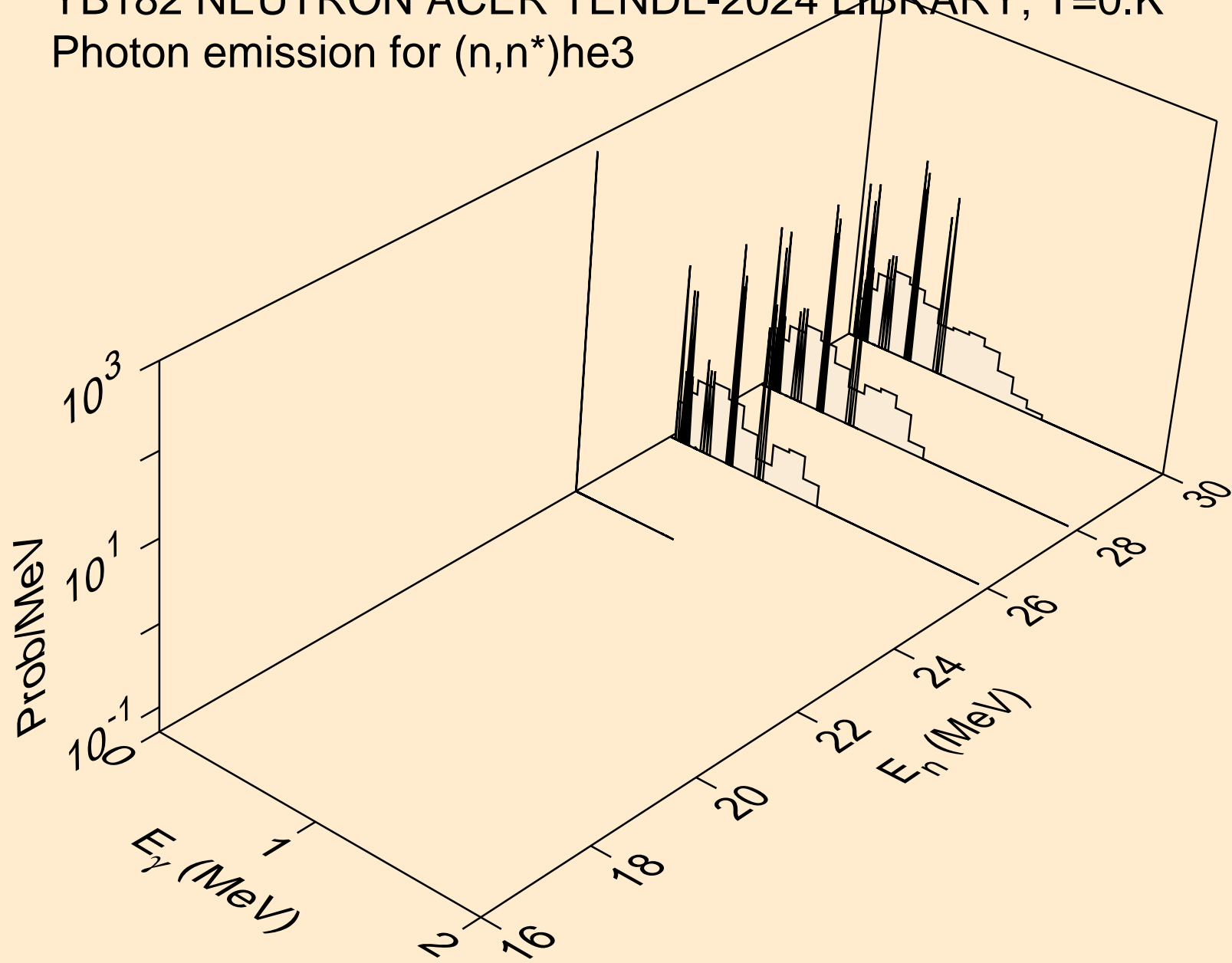




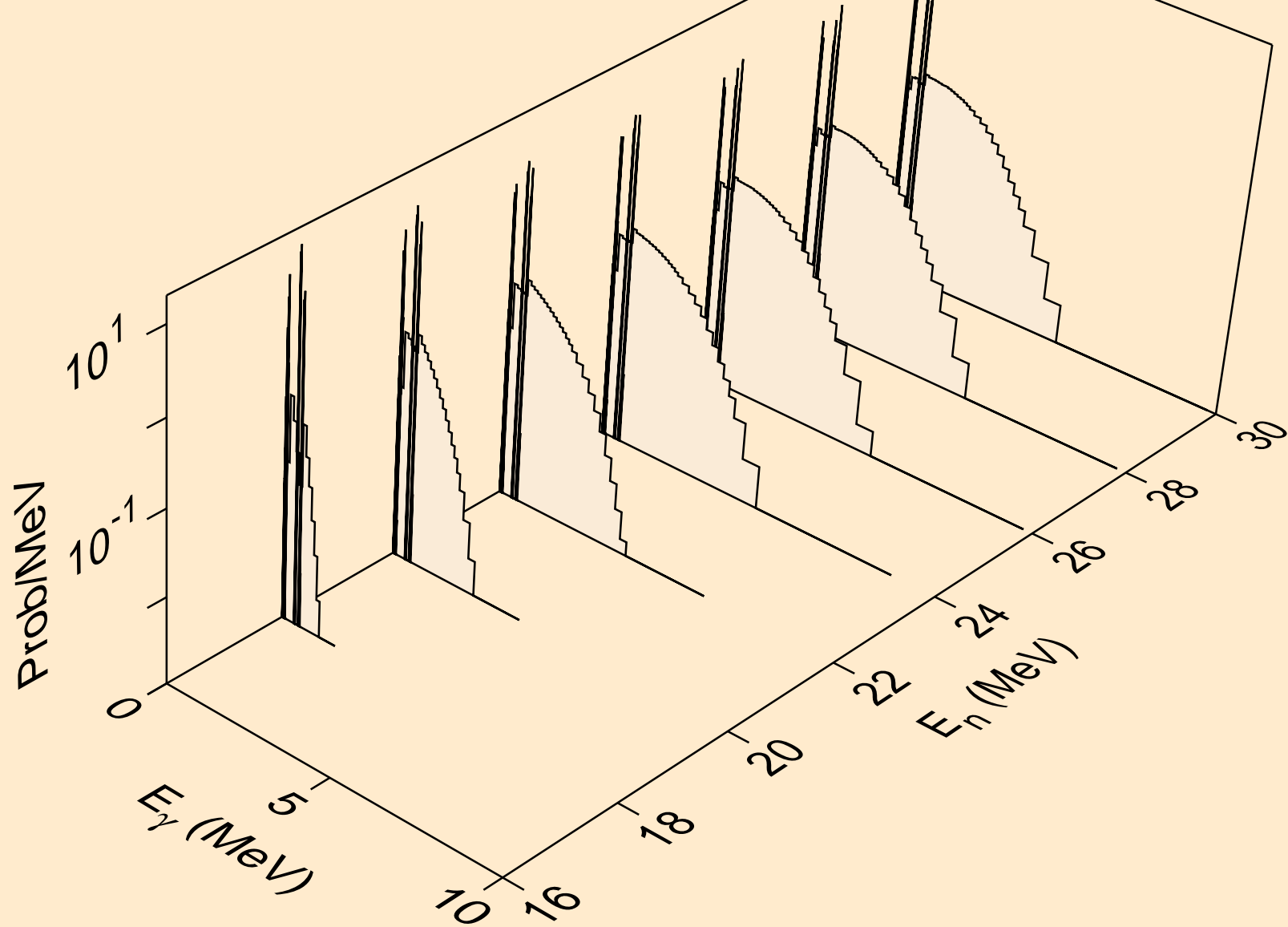
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



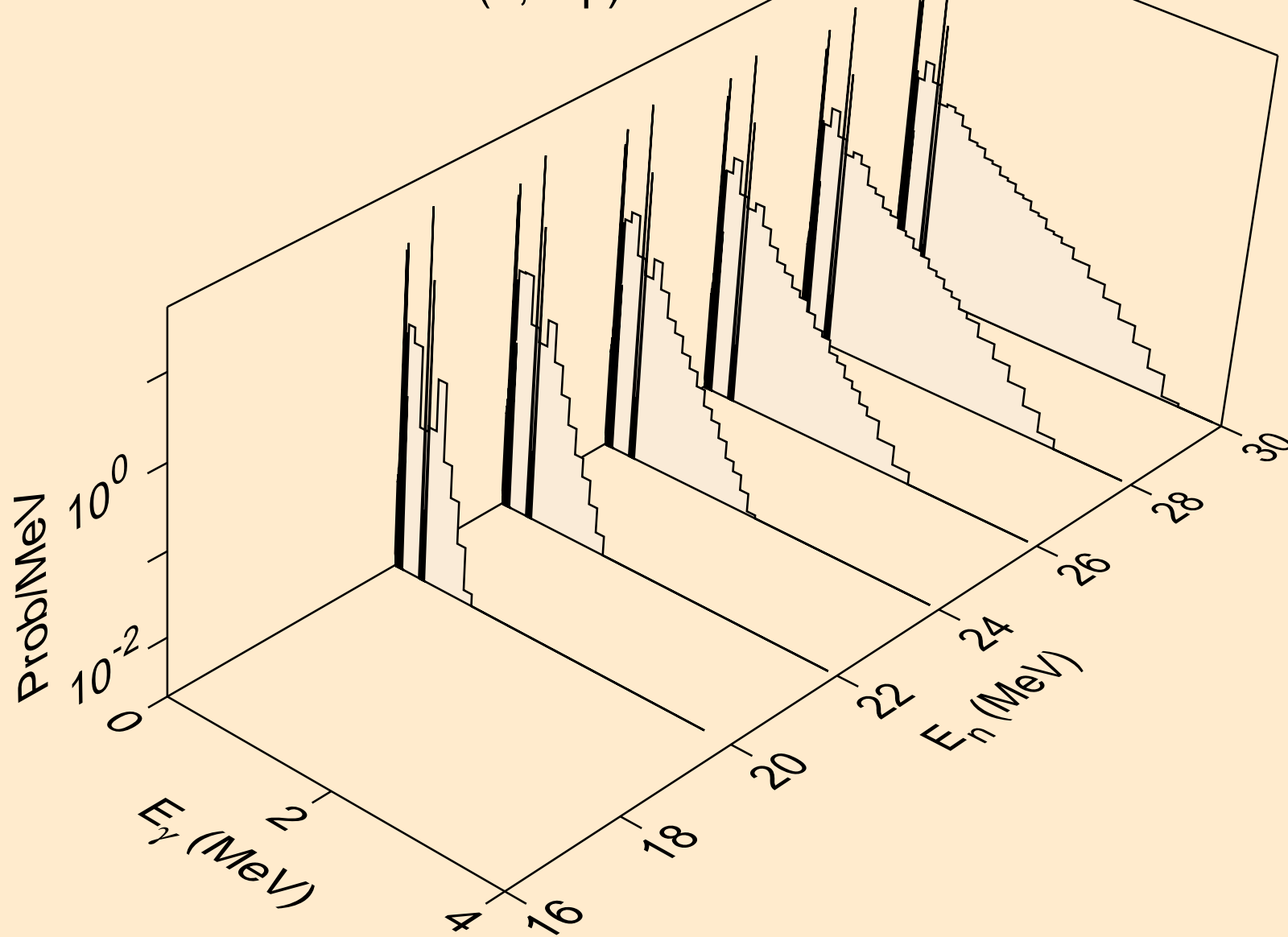
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



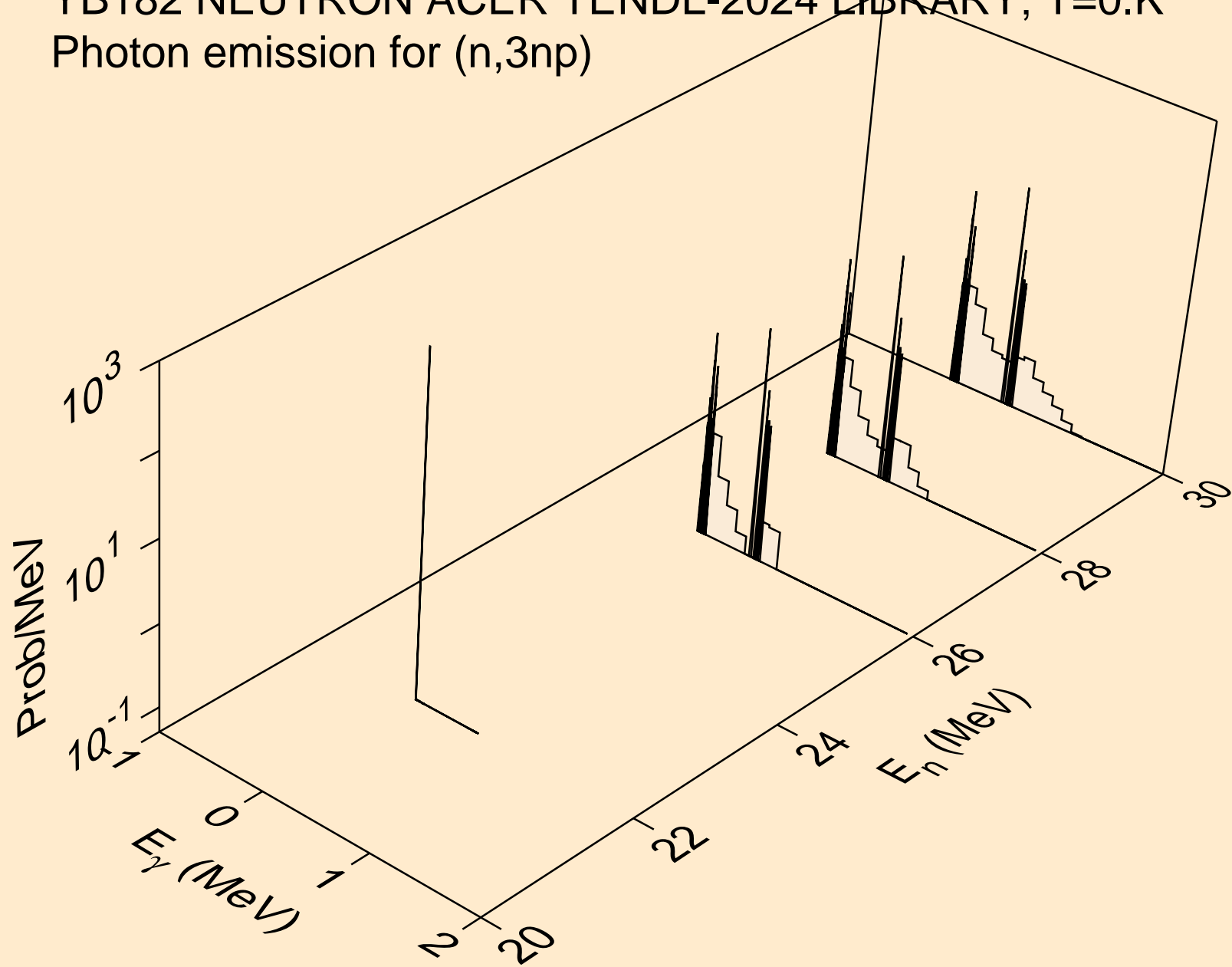
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



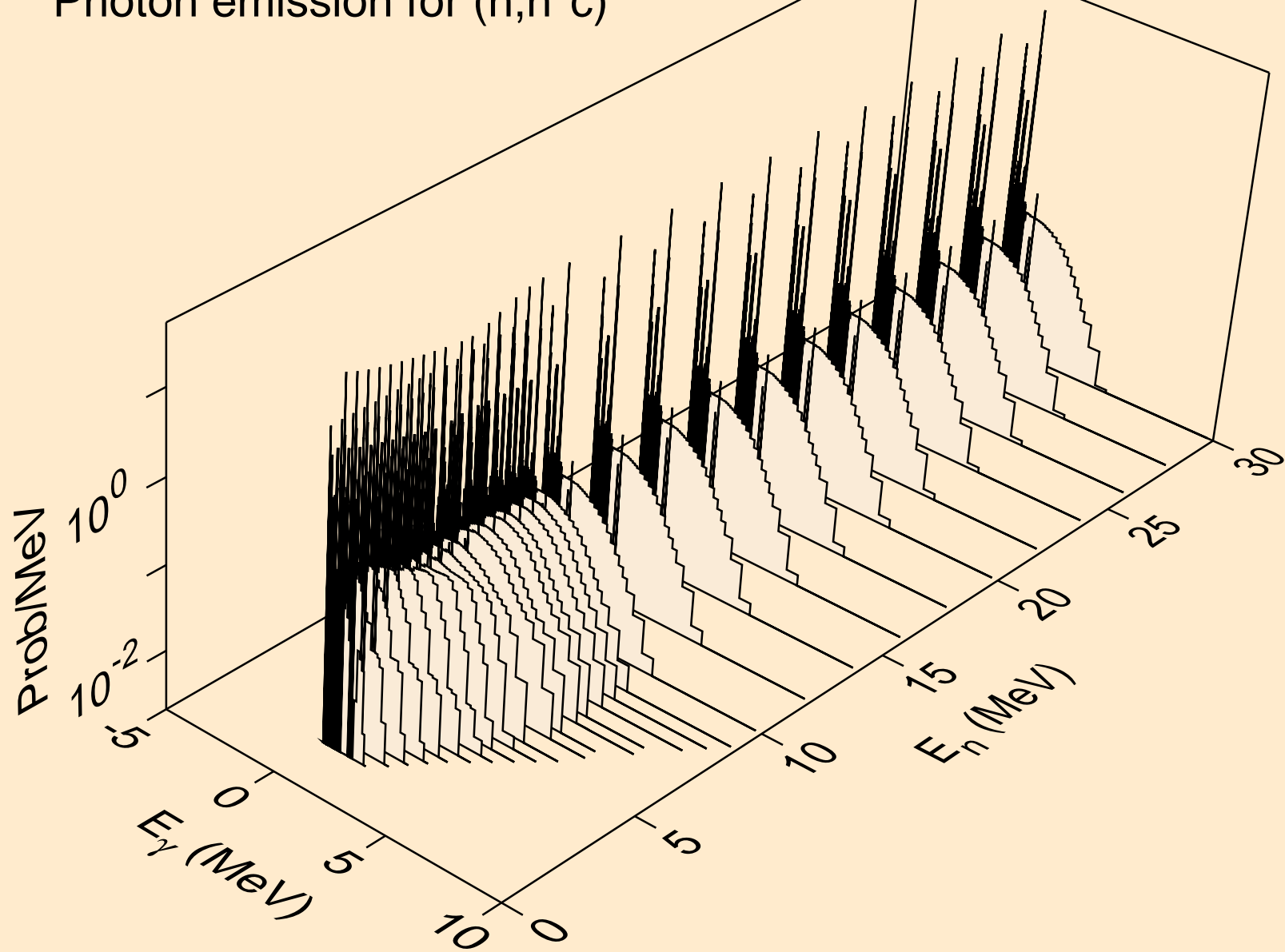
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



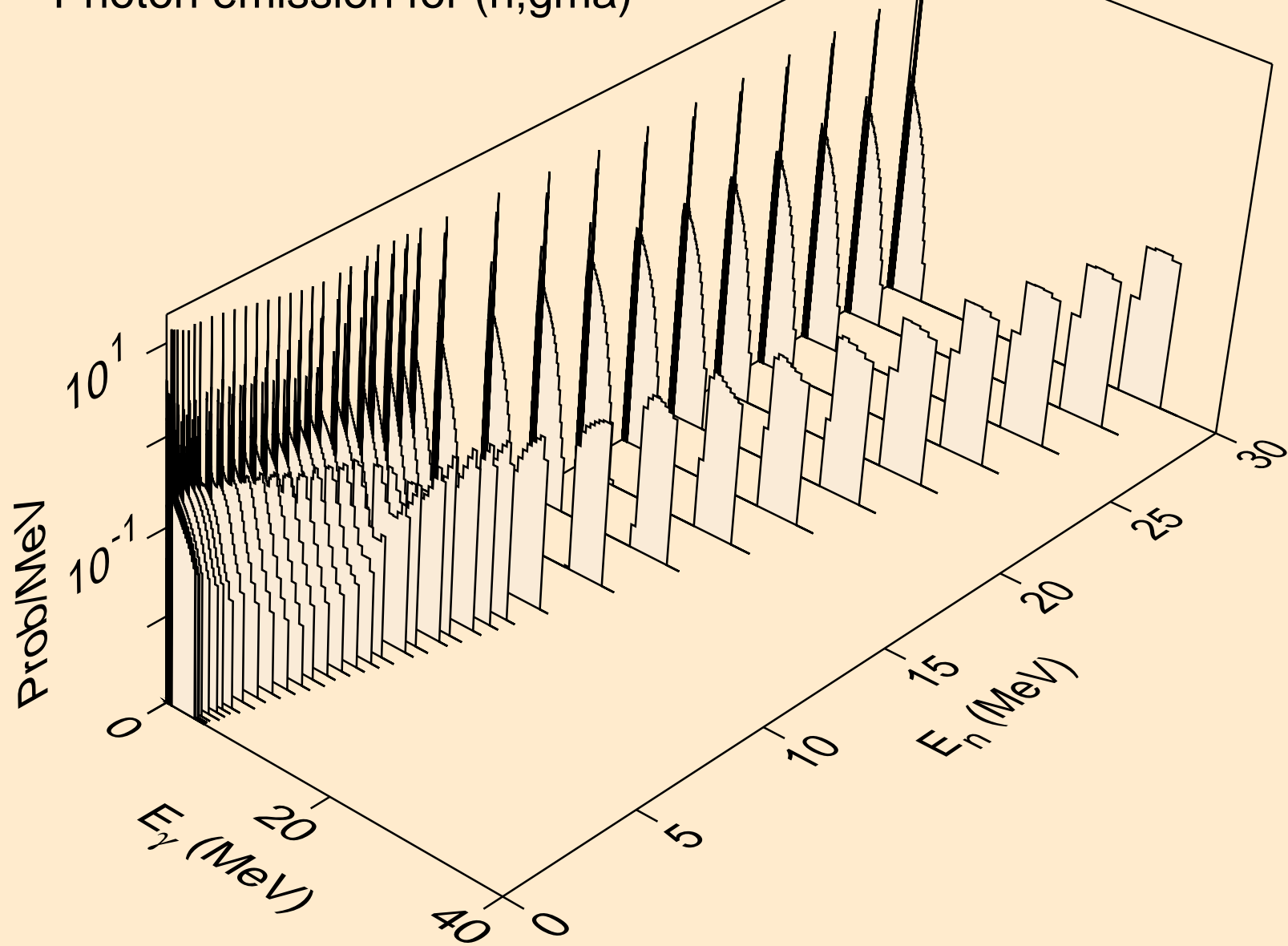
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



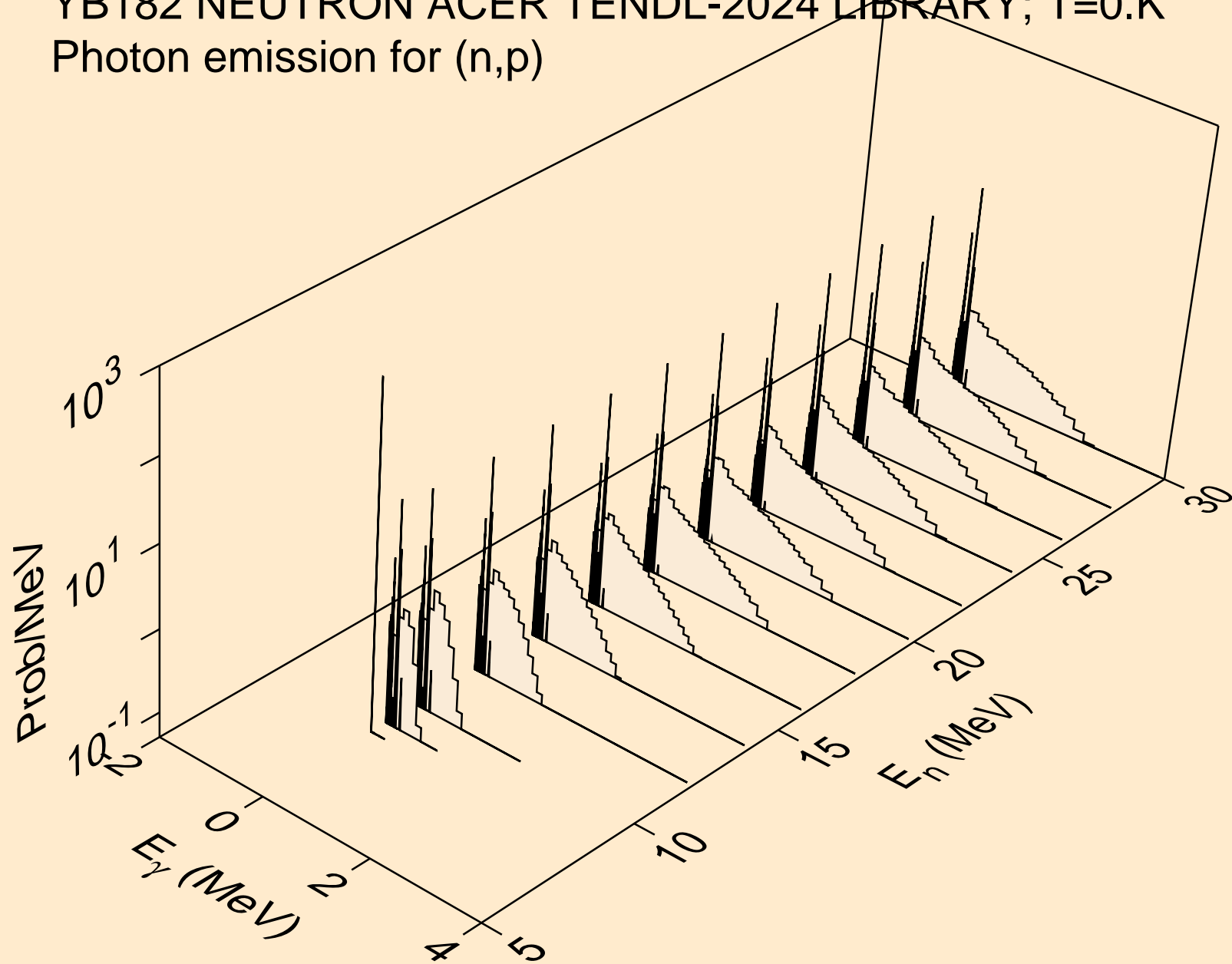
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

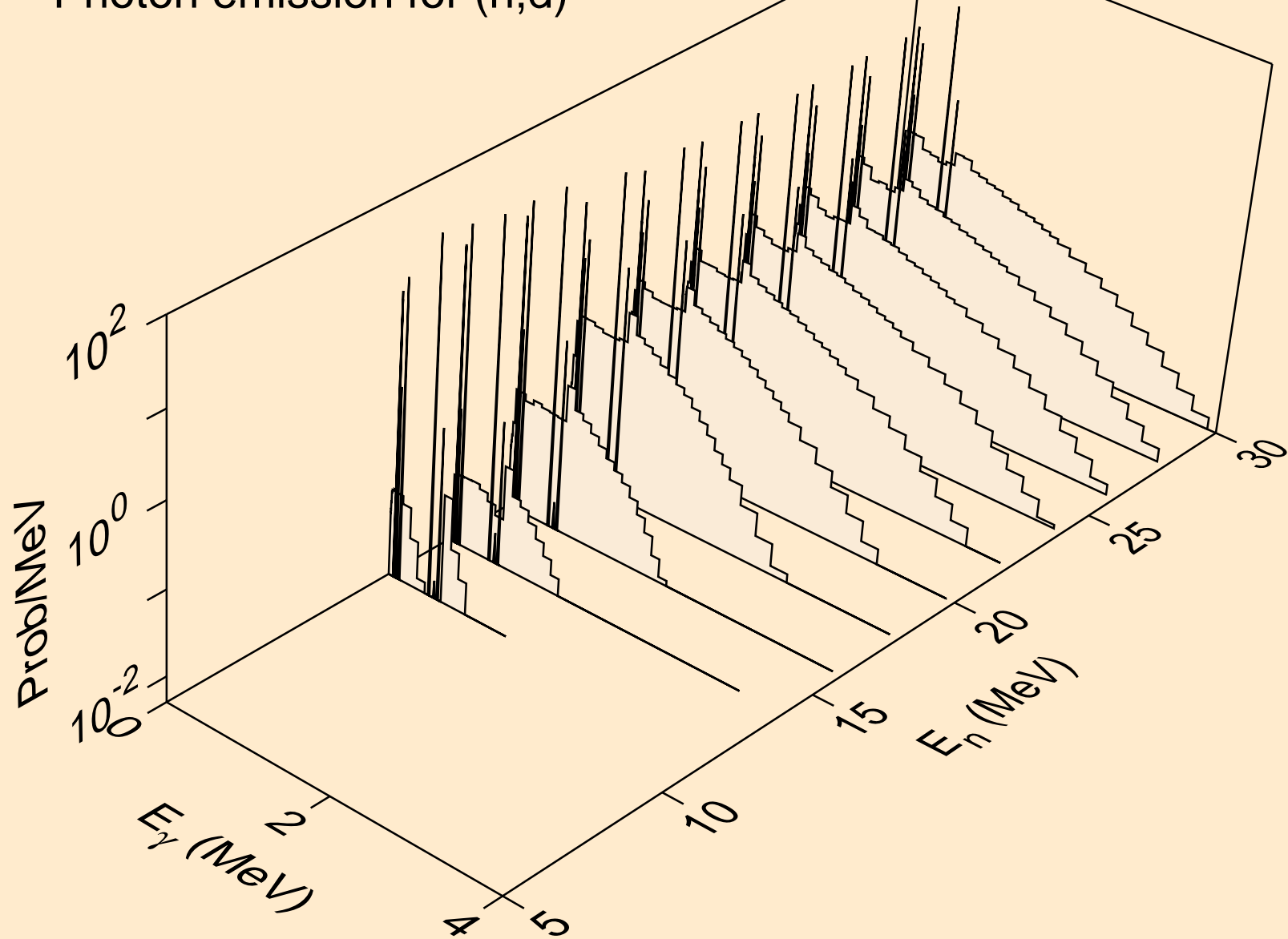


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

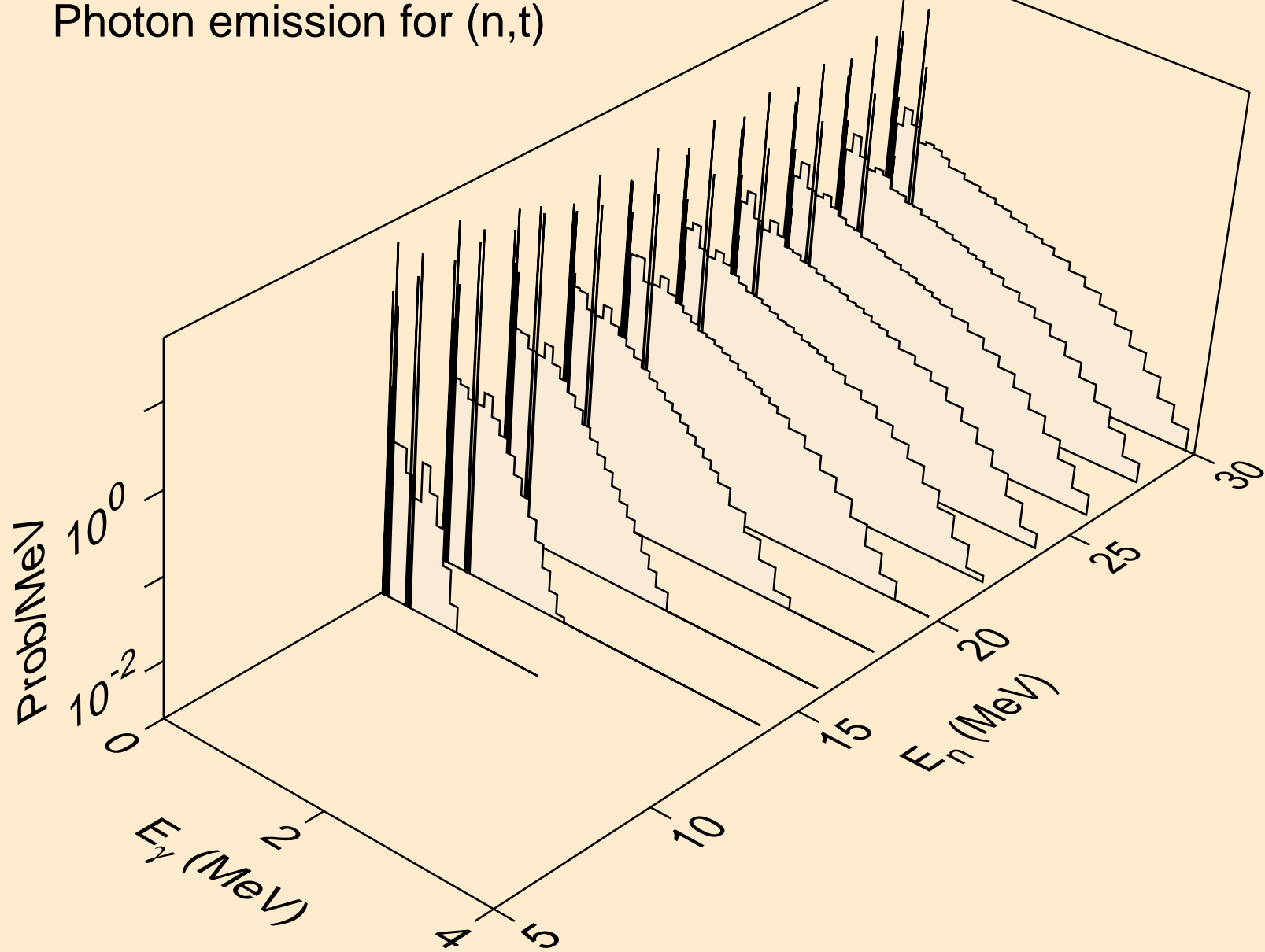




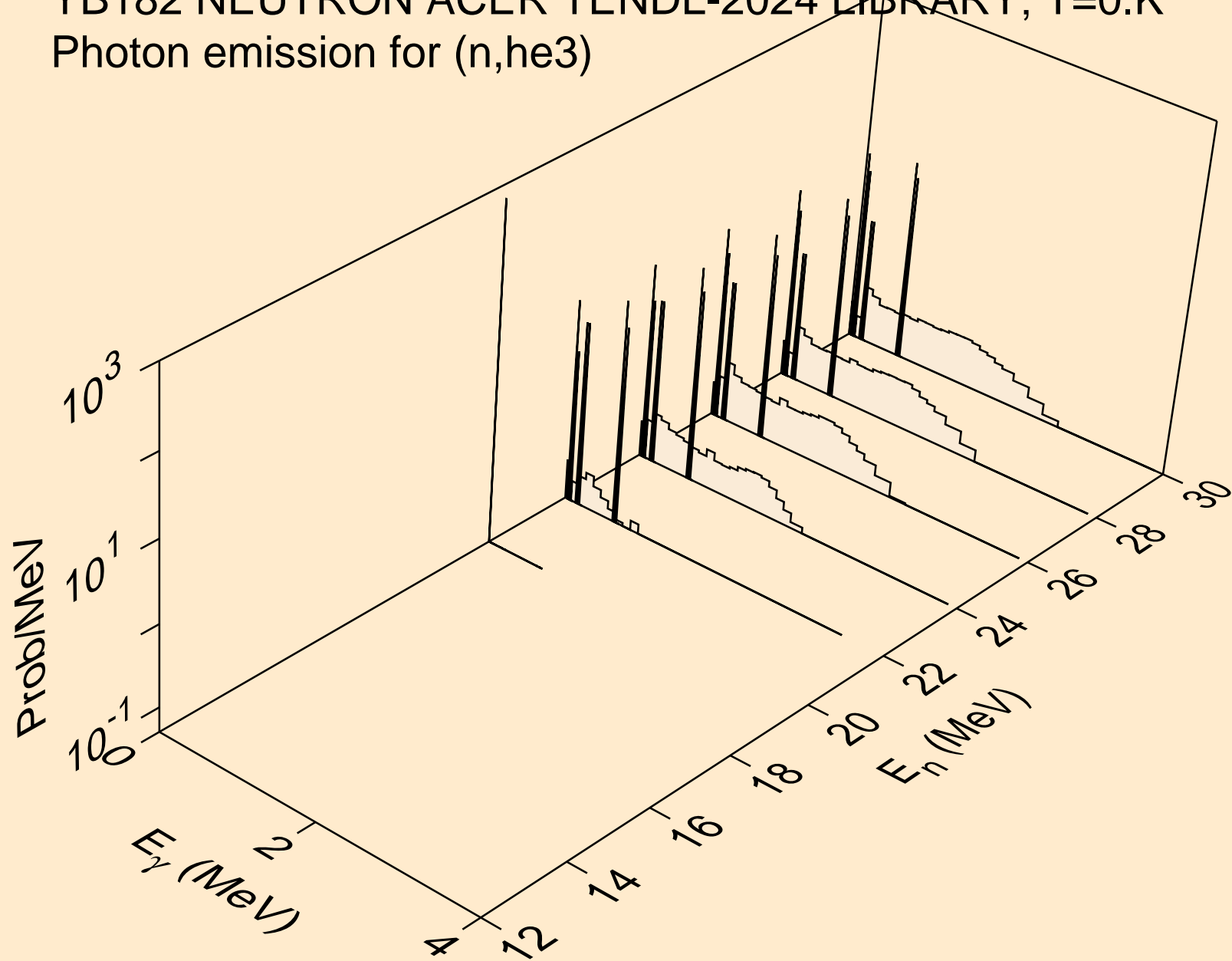
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



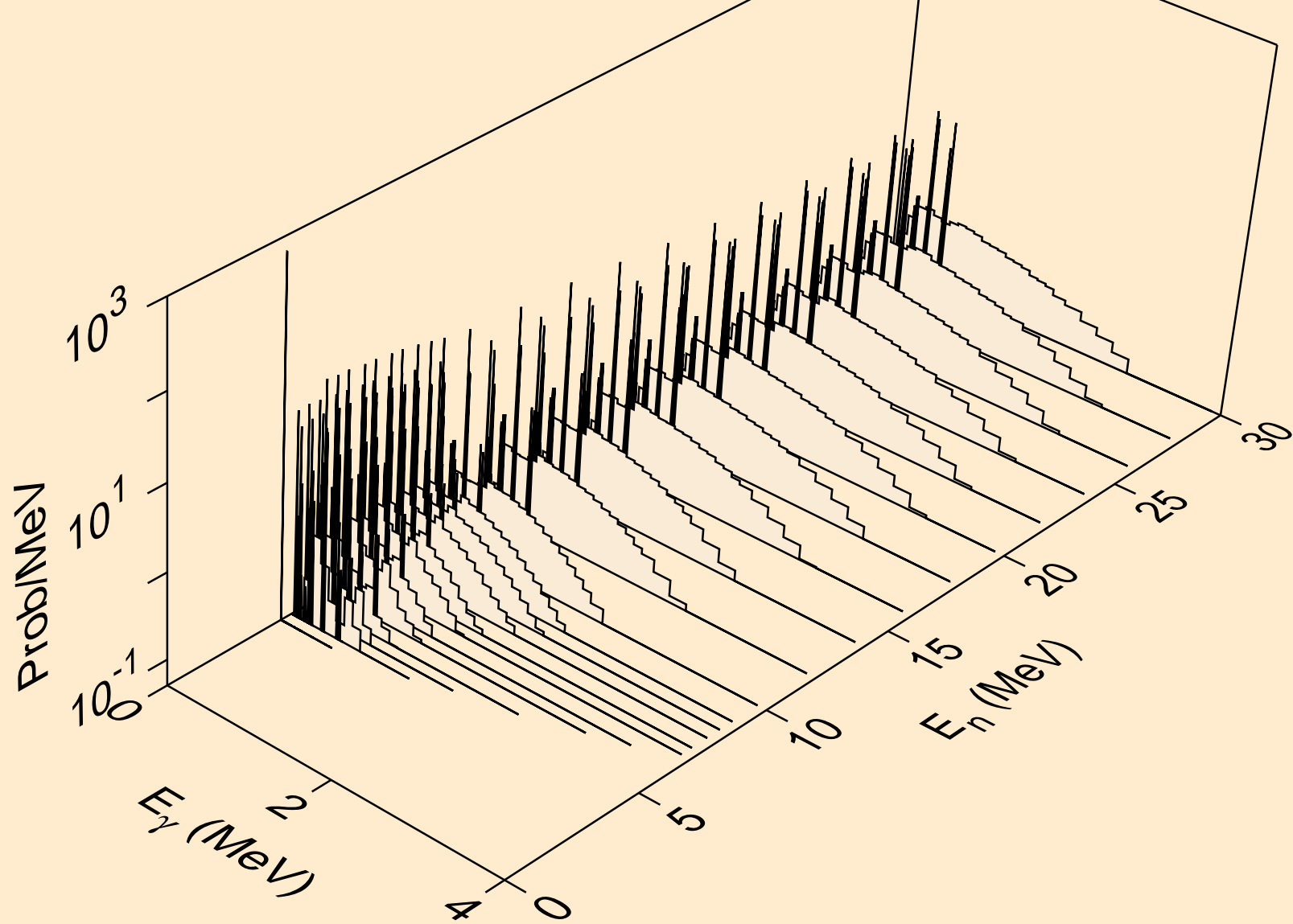
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Photon emission for (n,t)



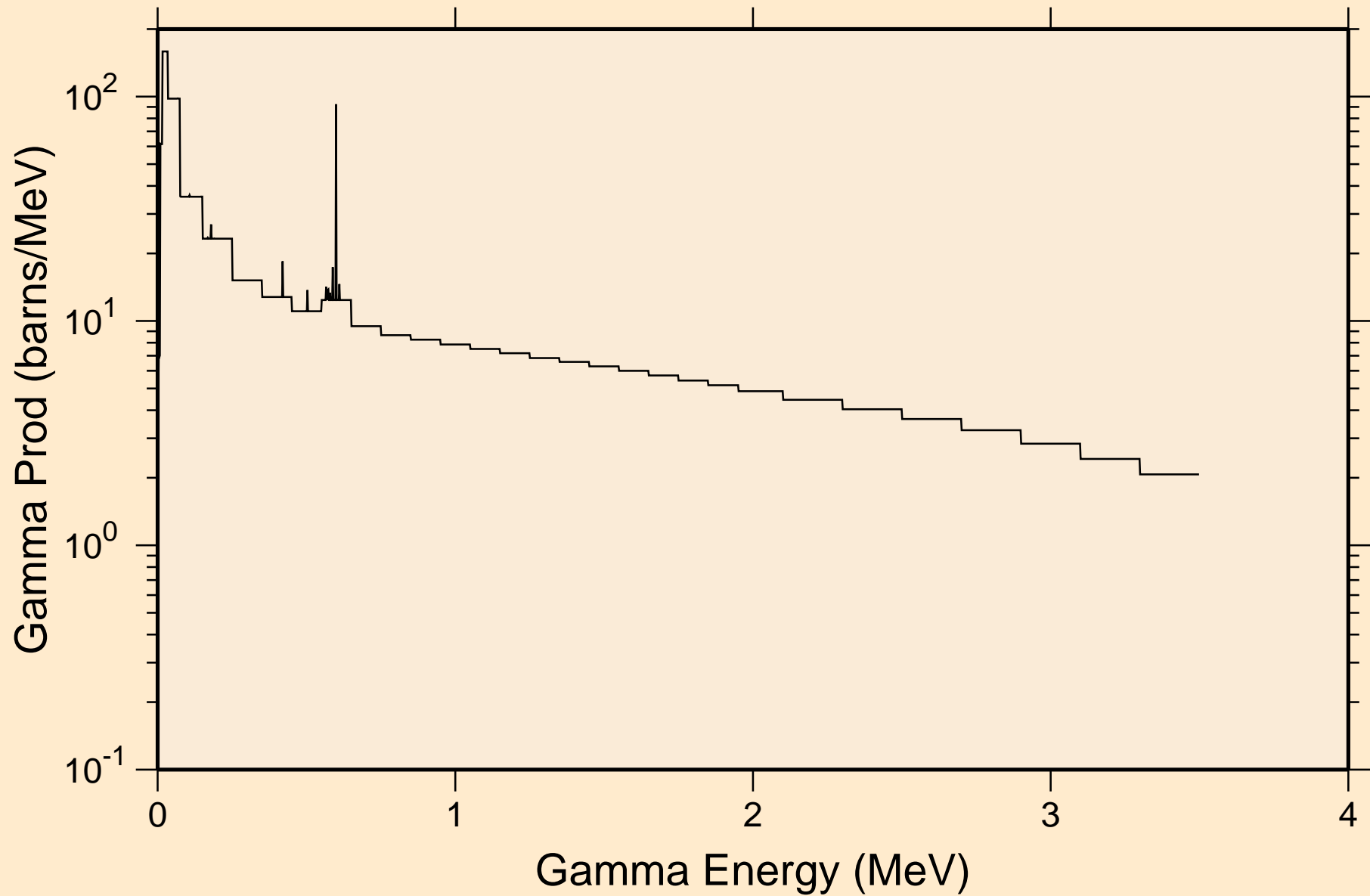
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



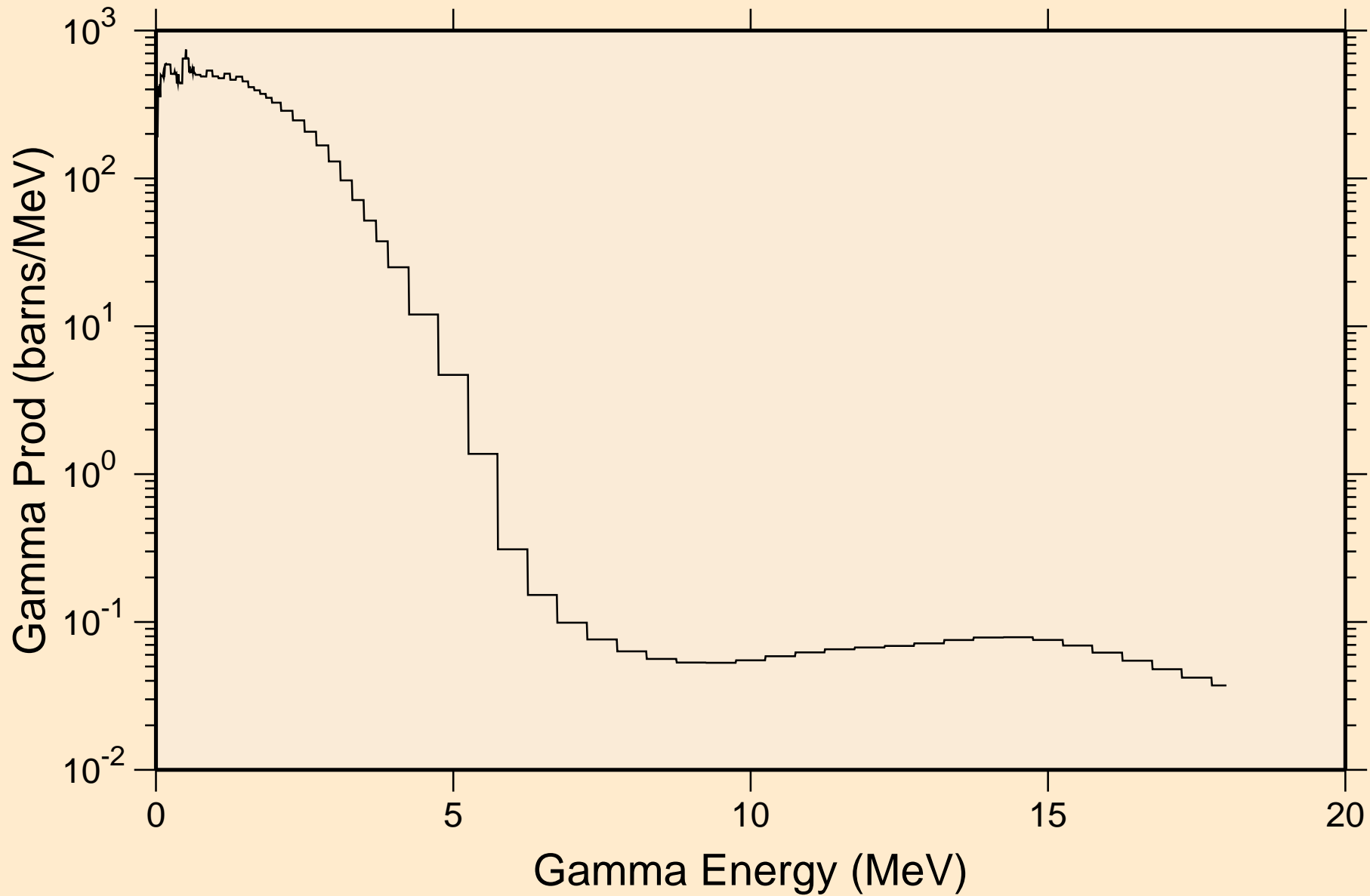
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

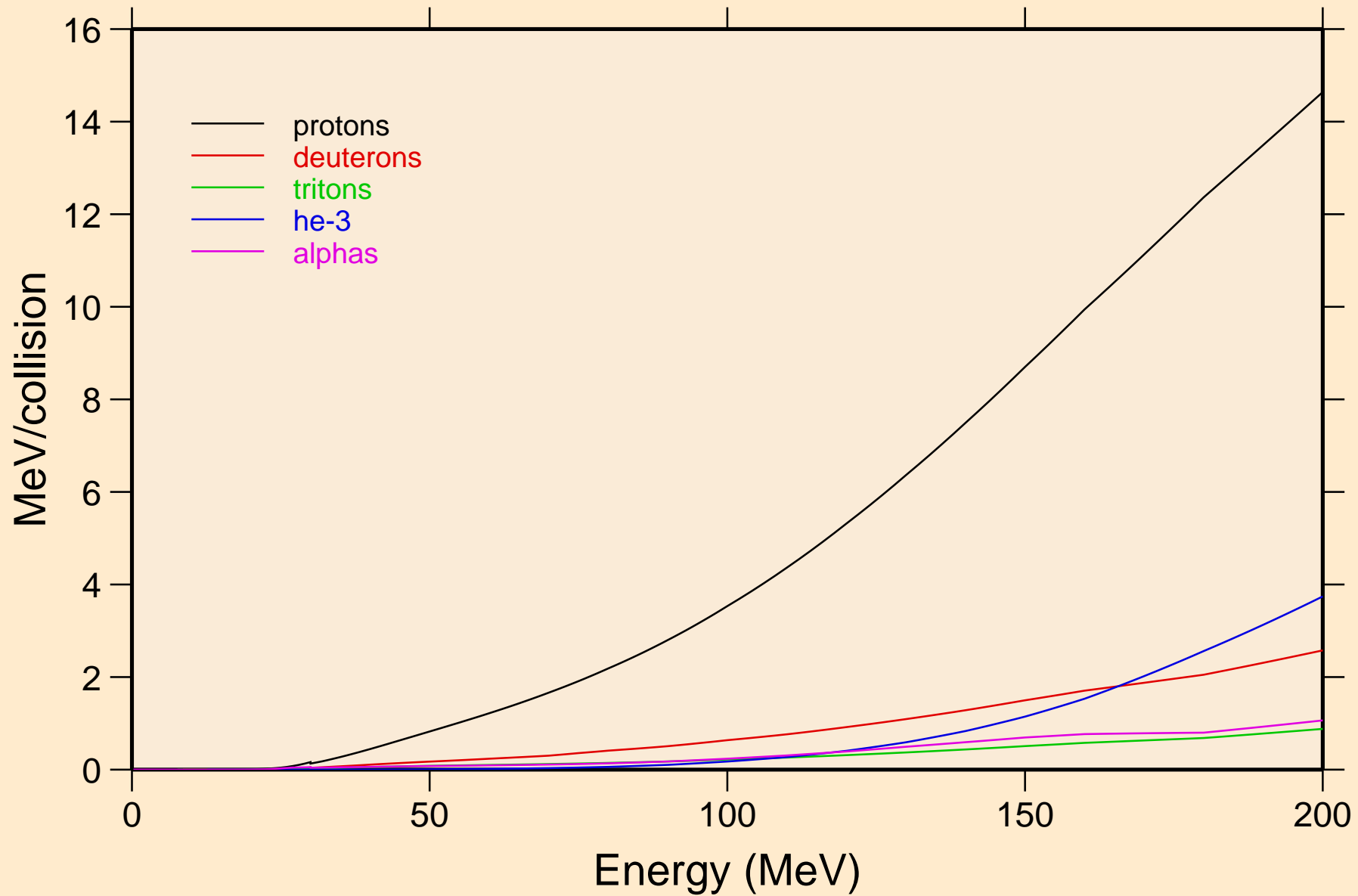


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

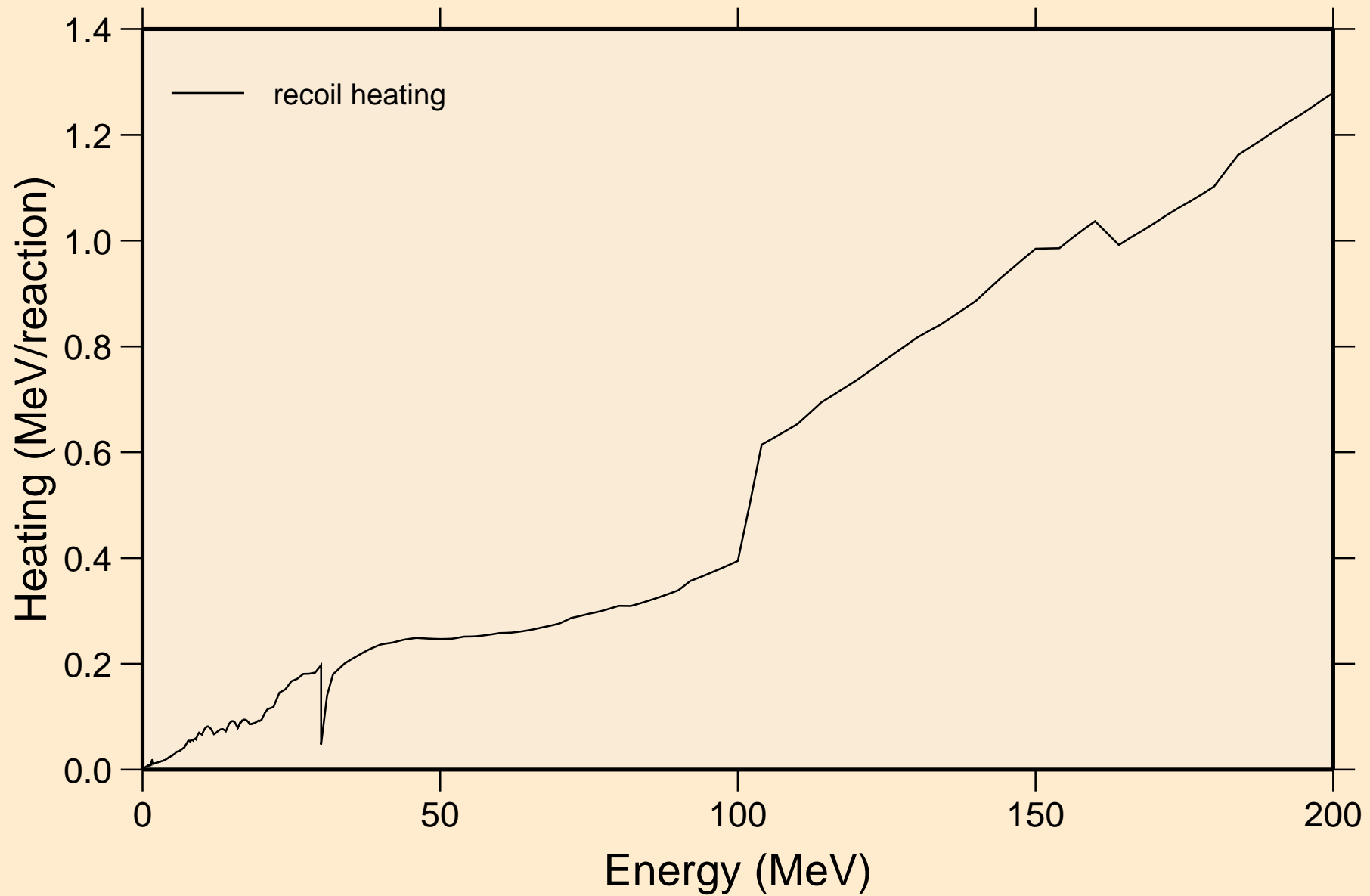


# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



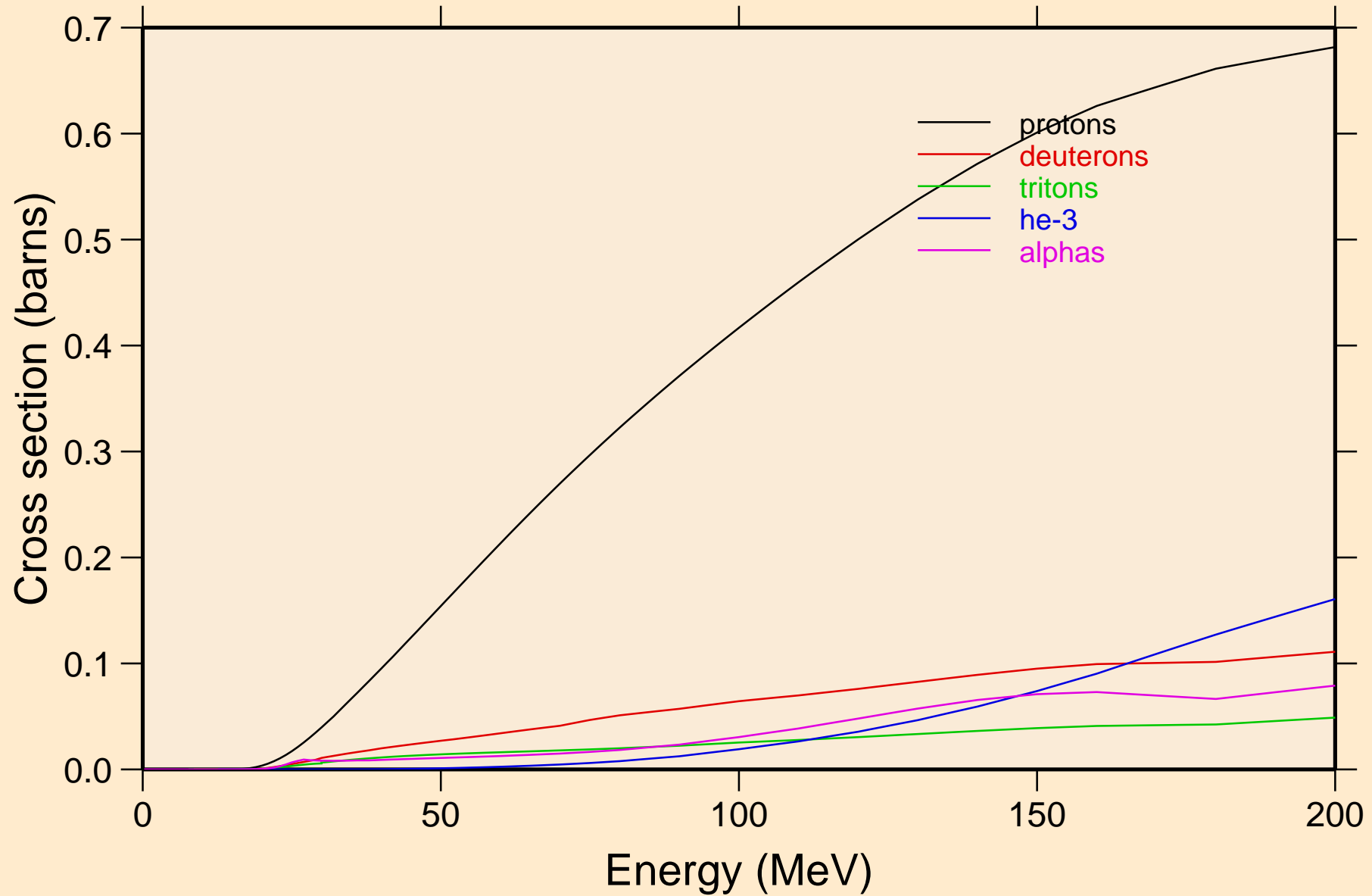
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Recoil Heating



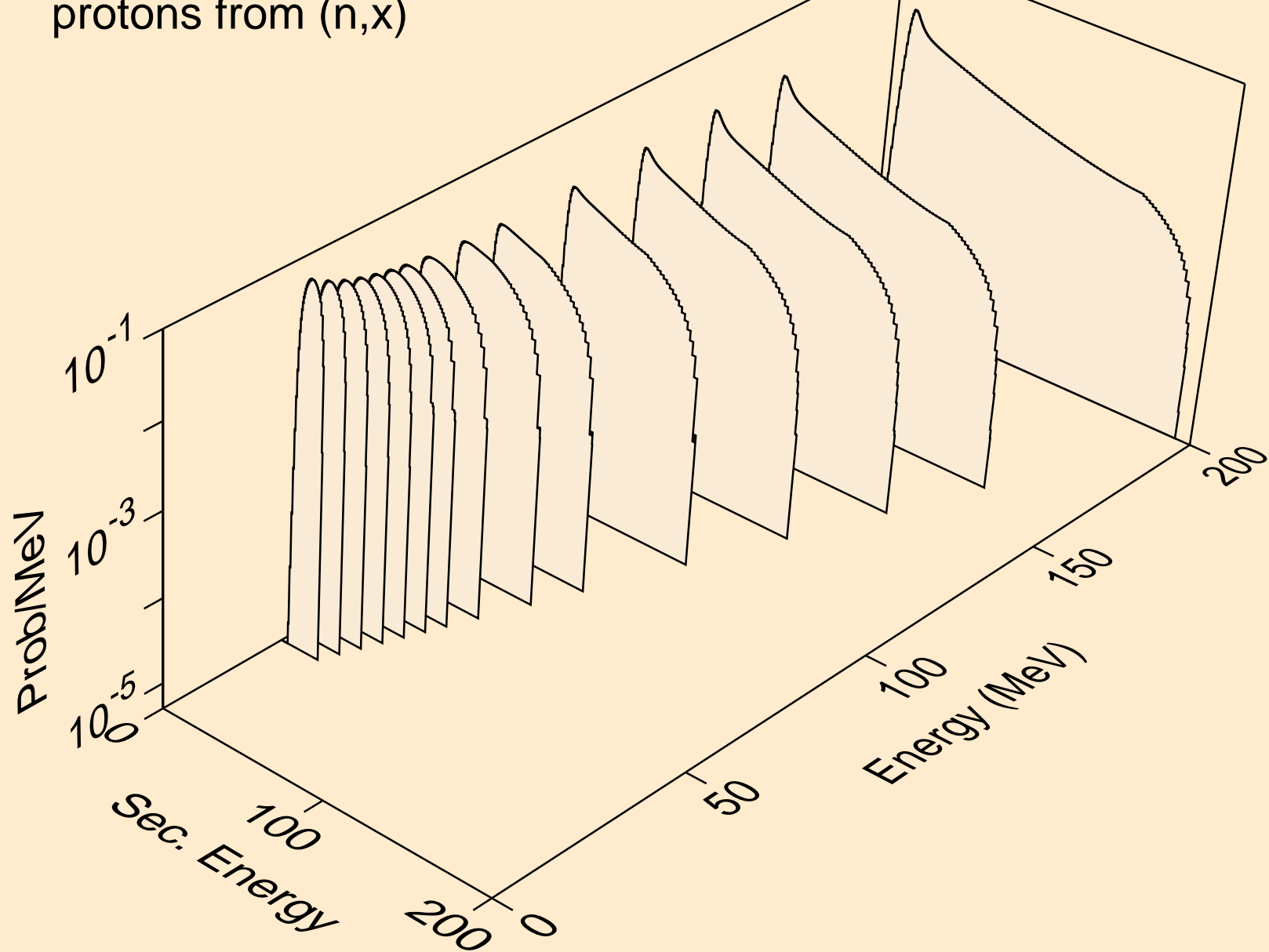


# YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

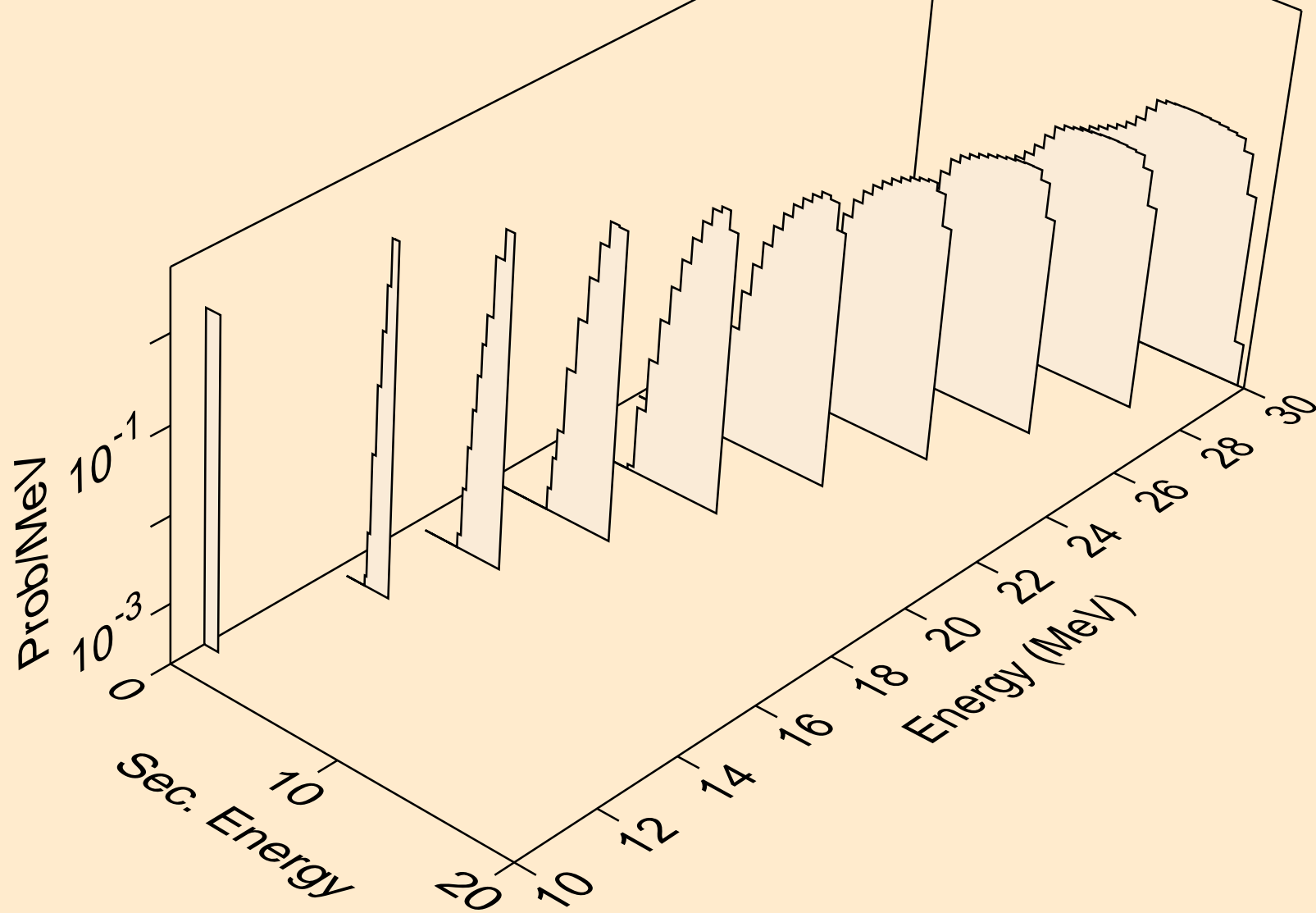
## Particle production cross sections



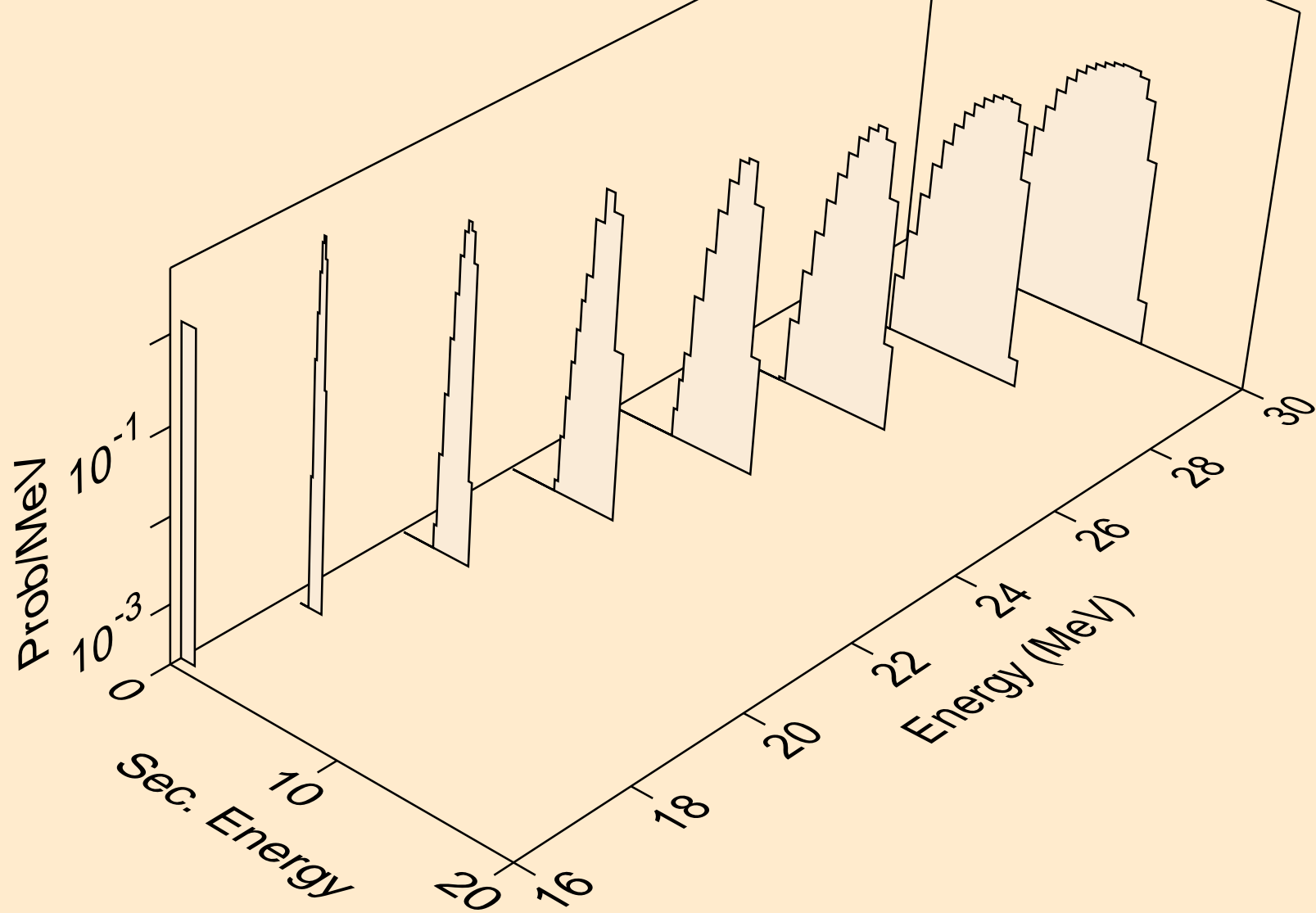
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



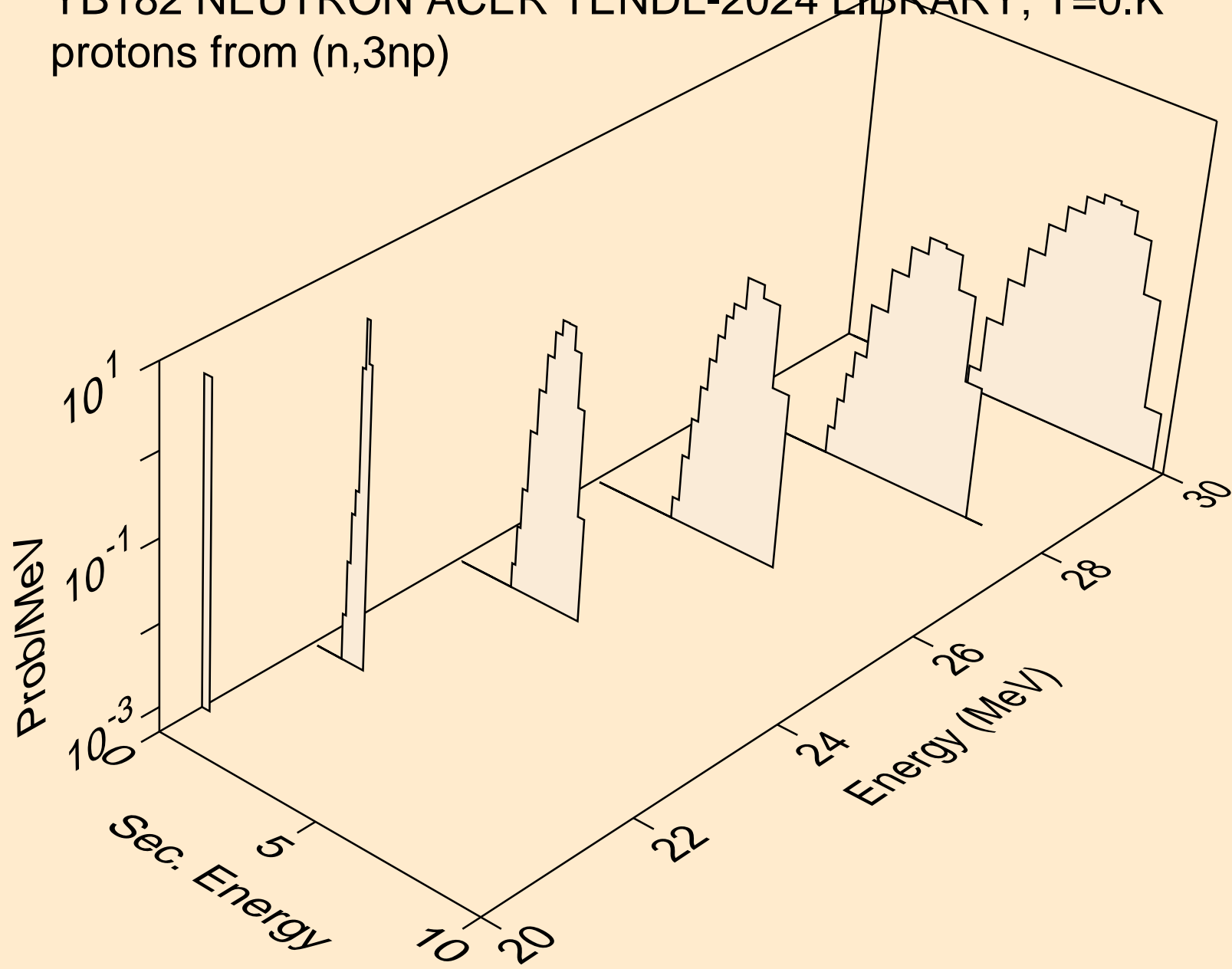
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



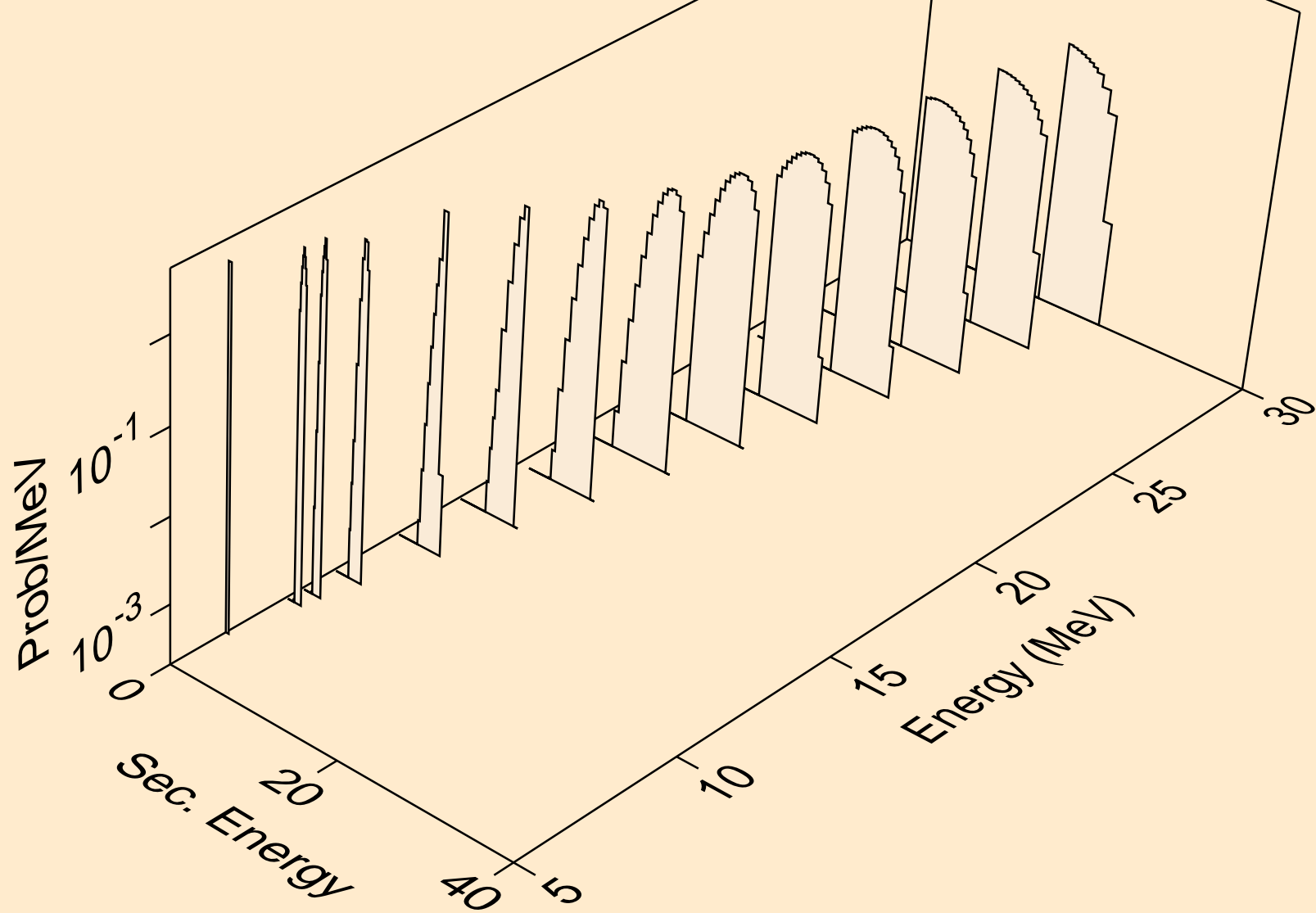
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protons from (n,2np)



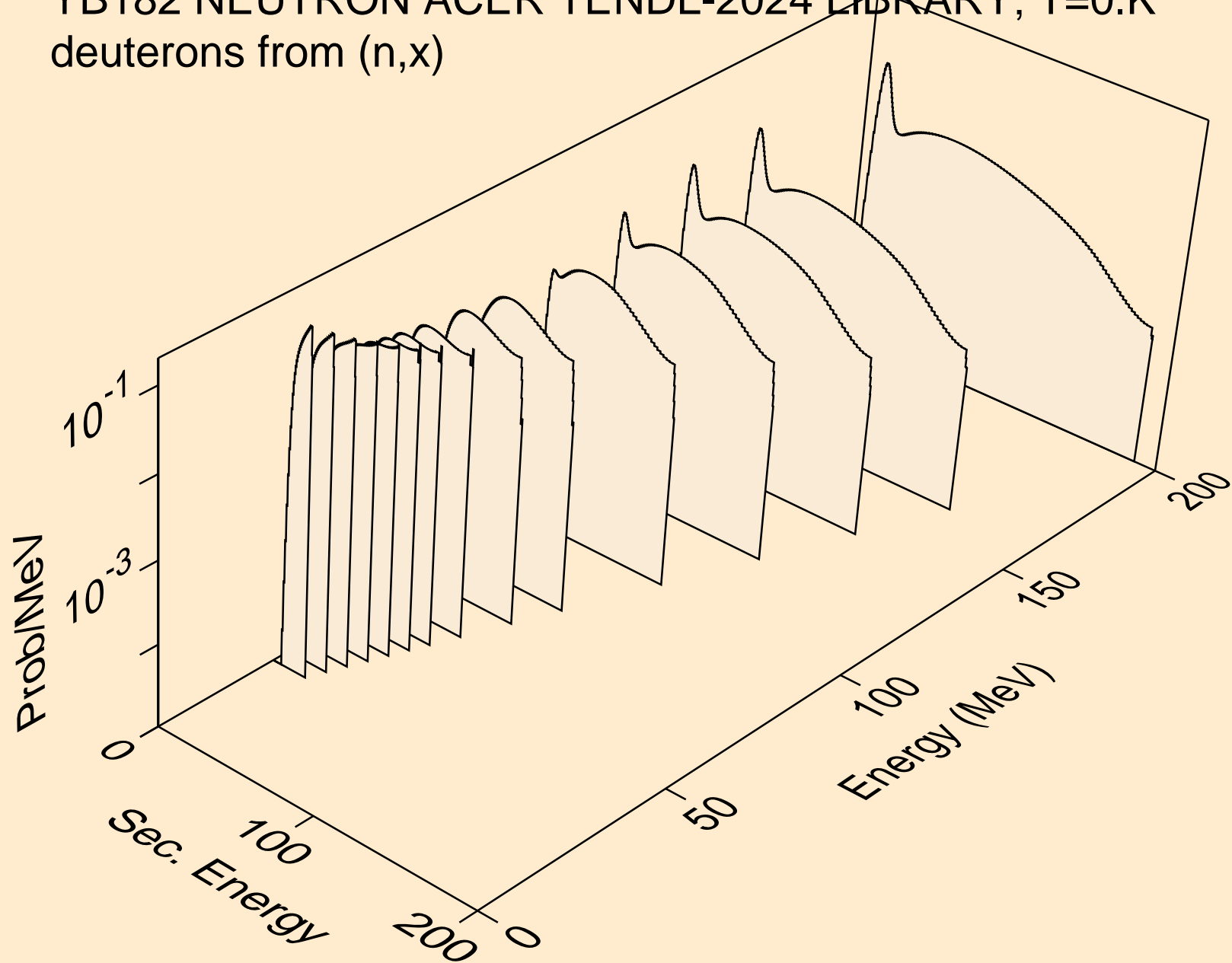
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protons from (n,3np)



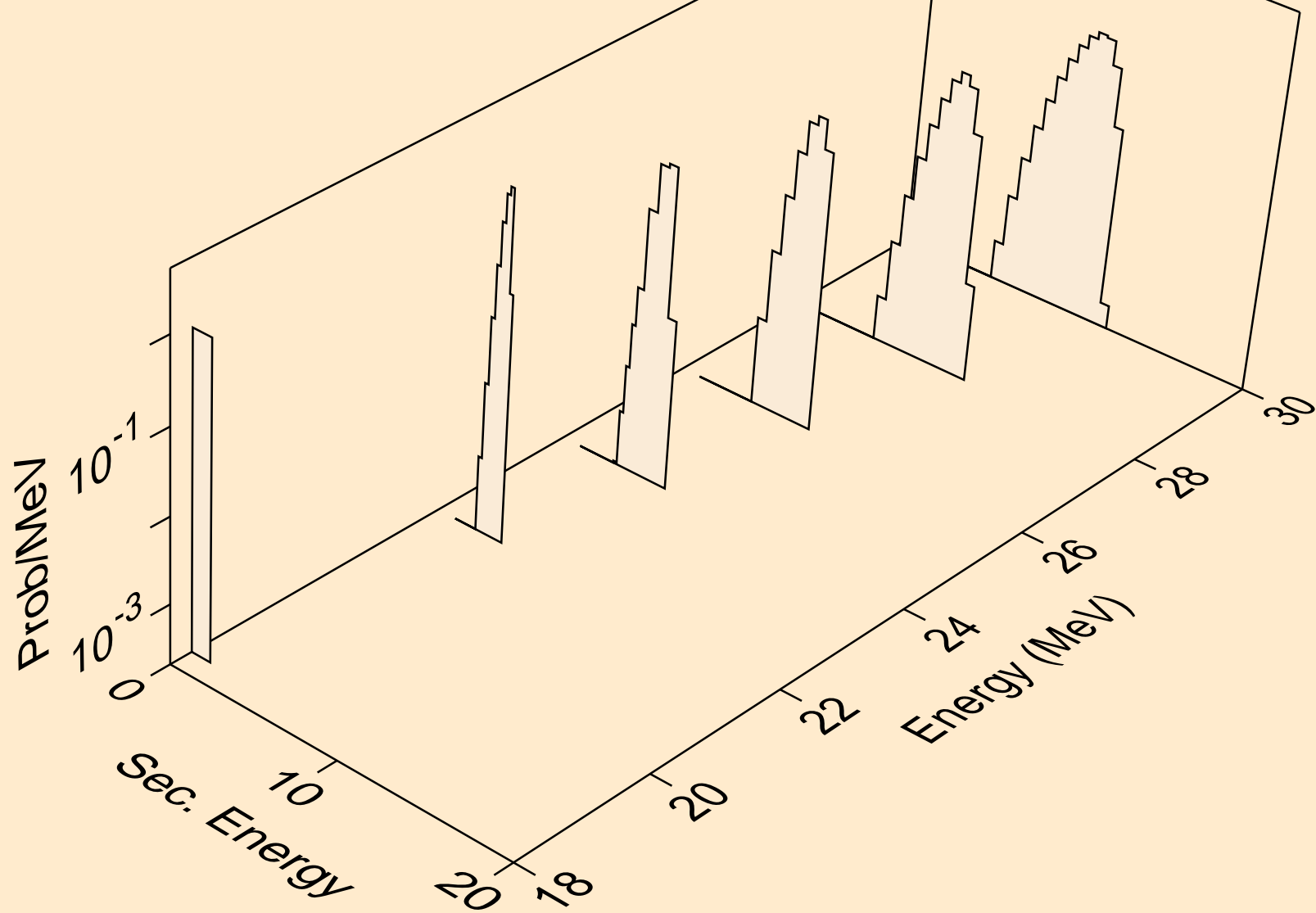
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

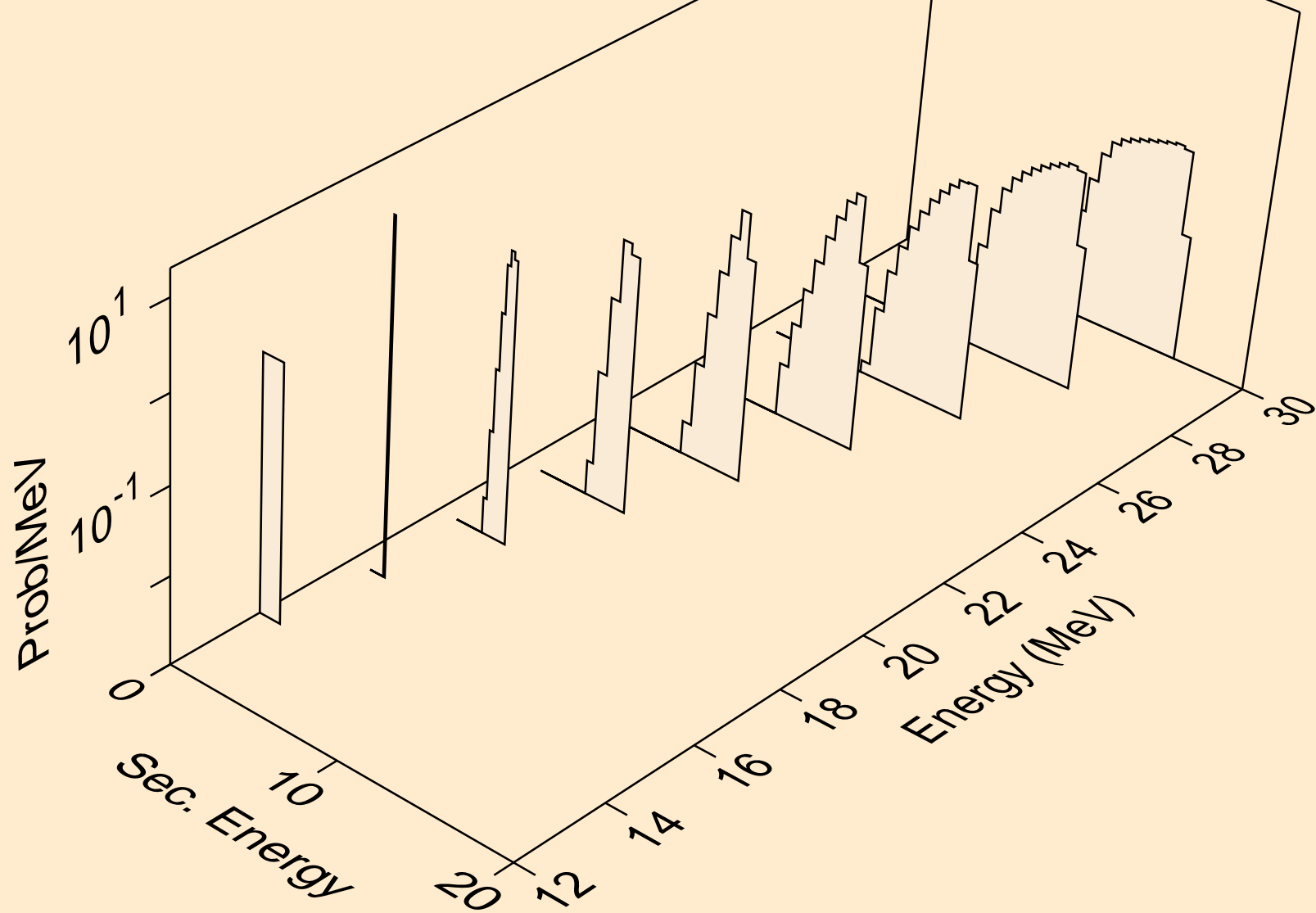


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

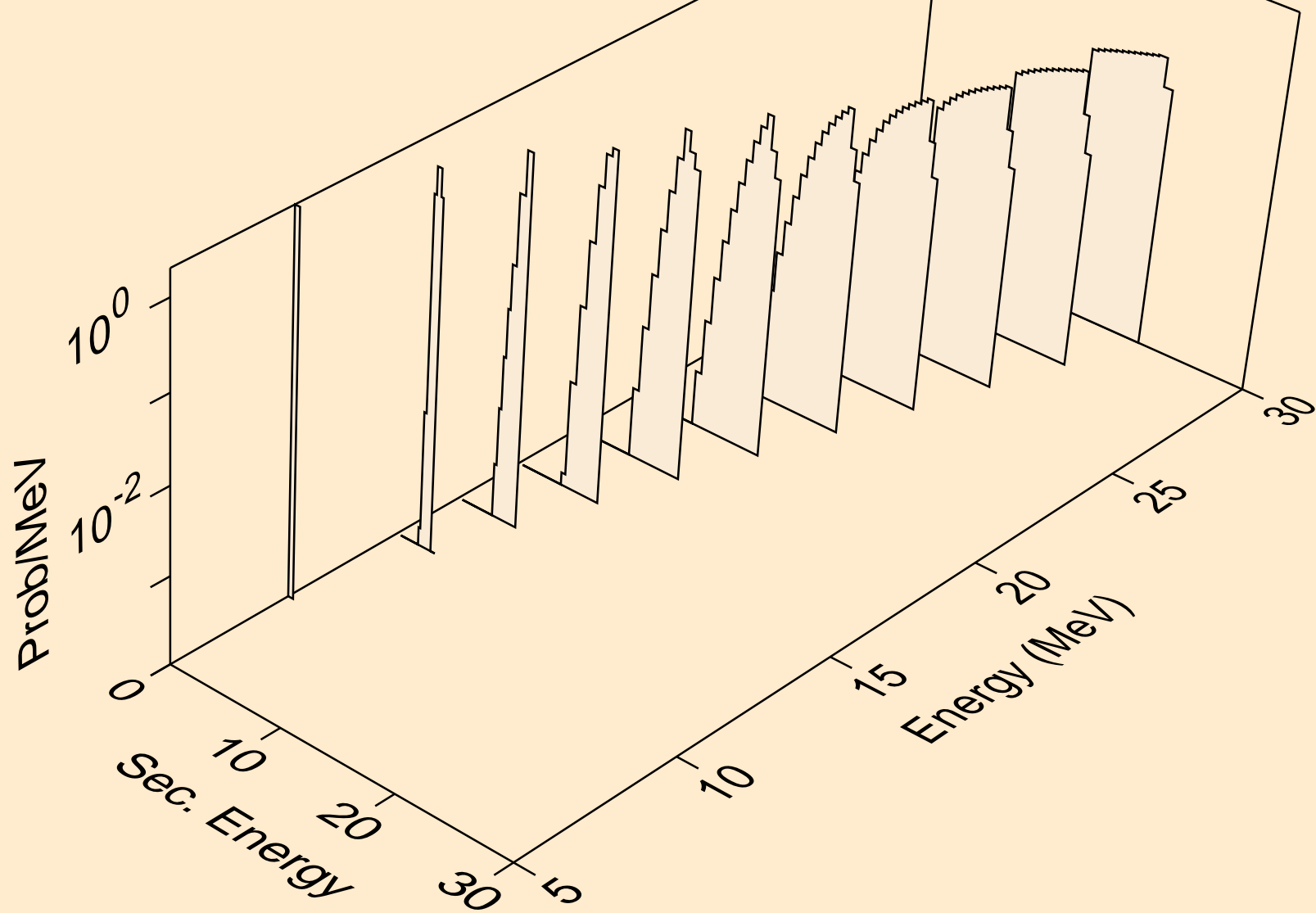




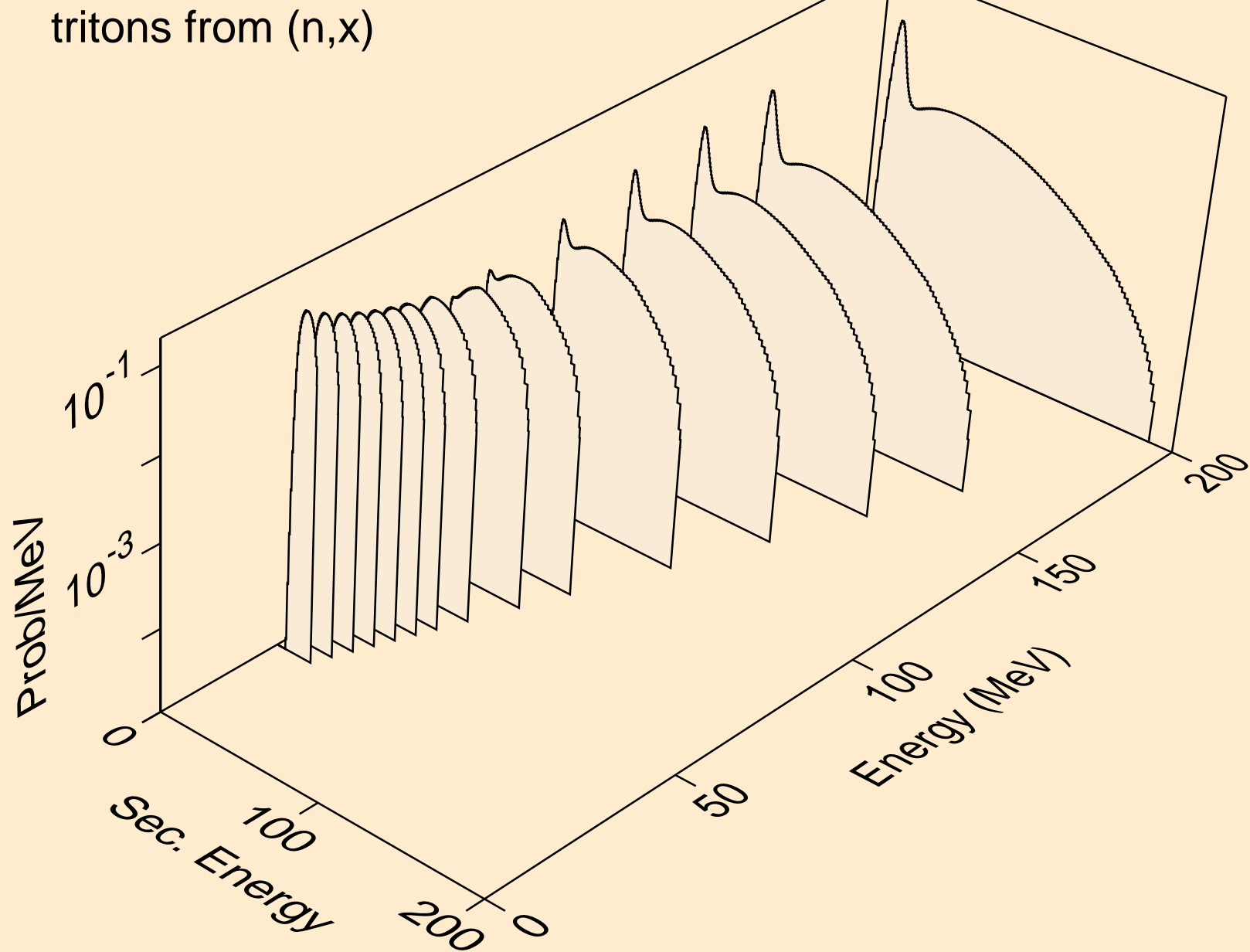
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deuterons from (n,n\*)d



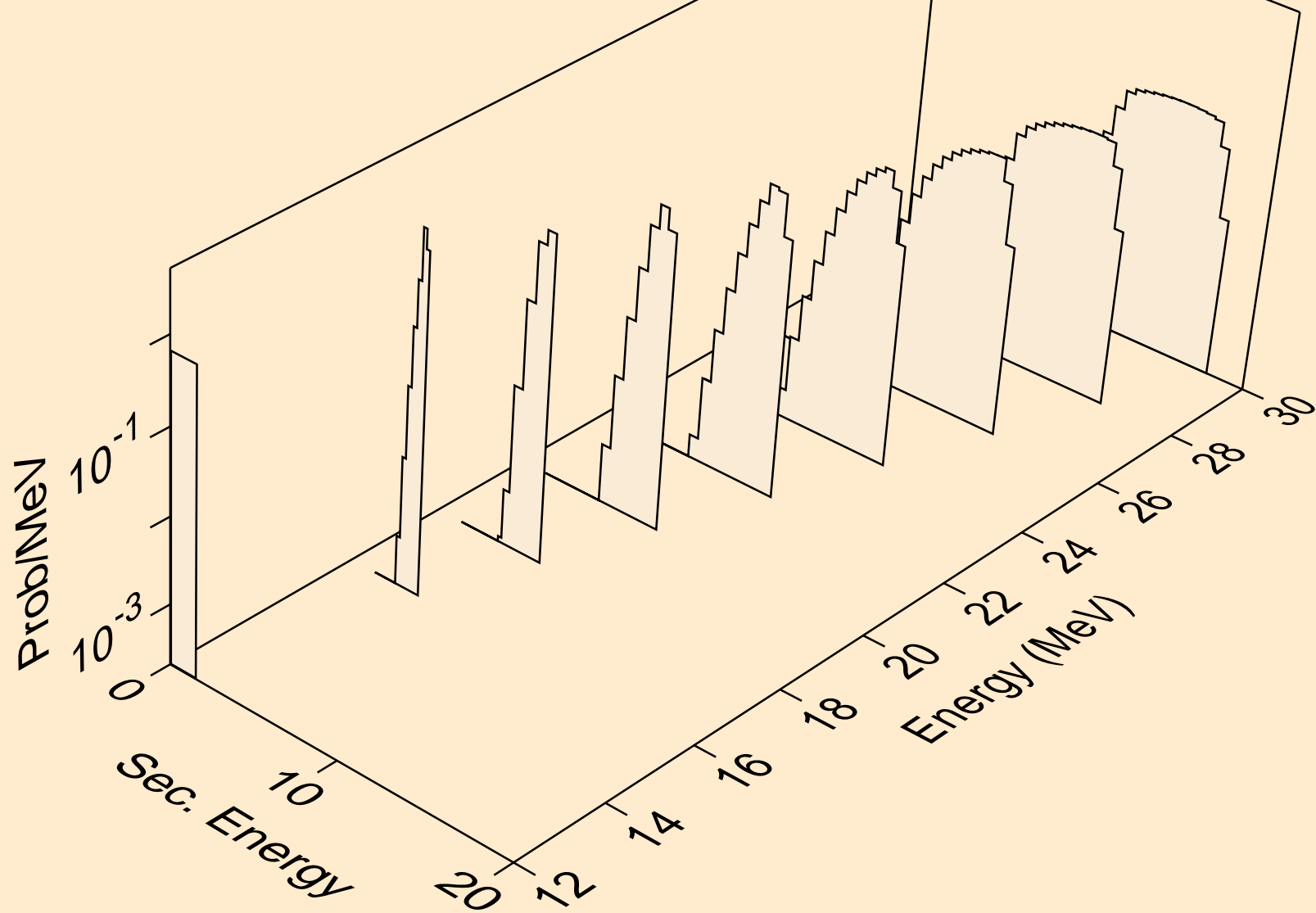
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deuterons from (n,d)



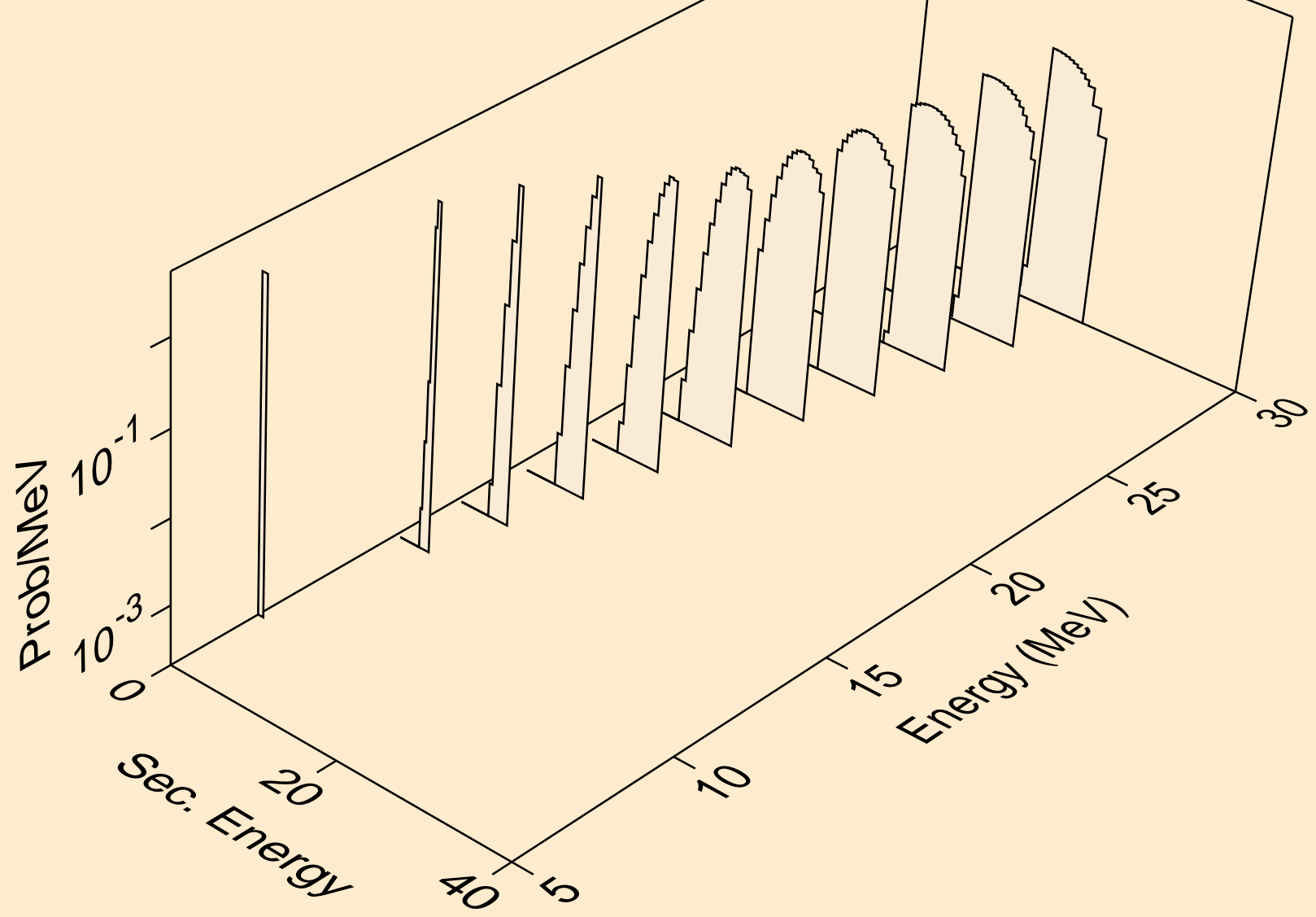
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tritons from (n,x)



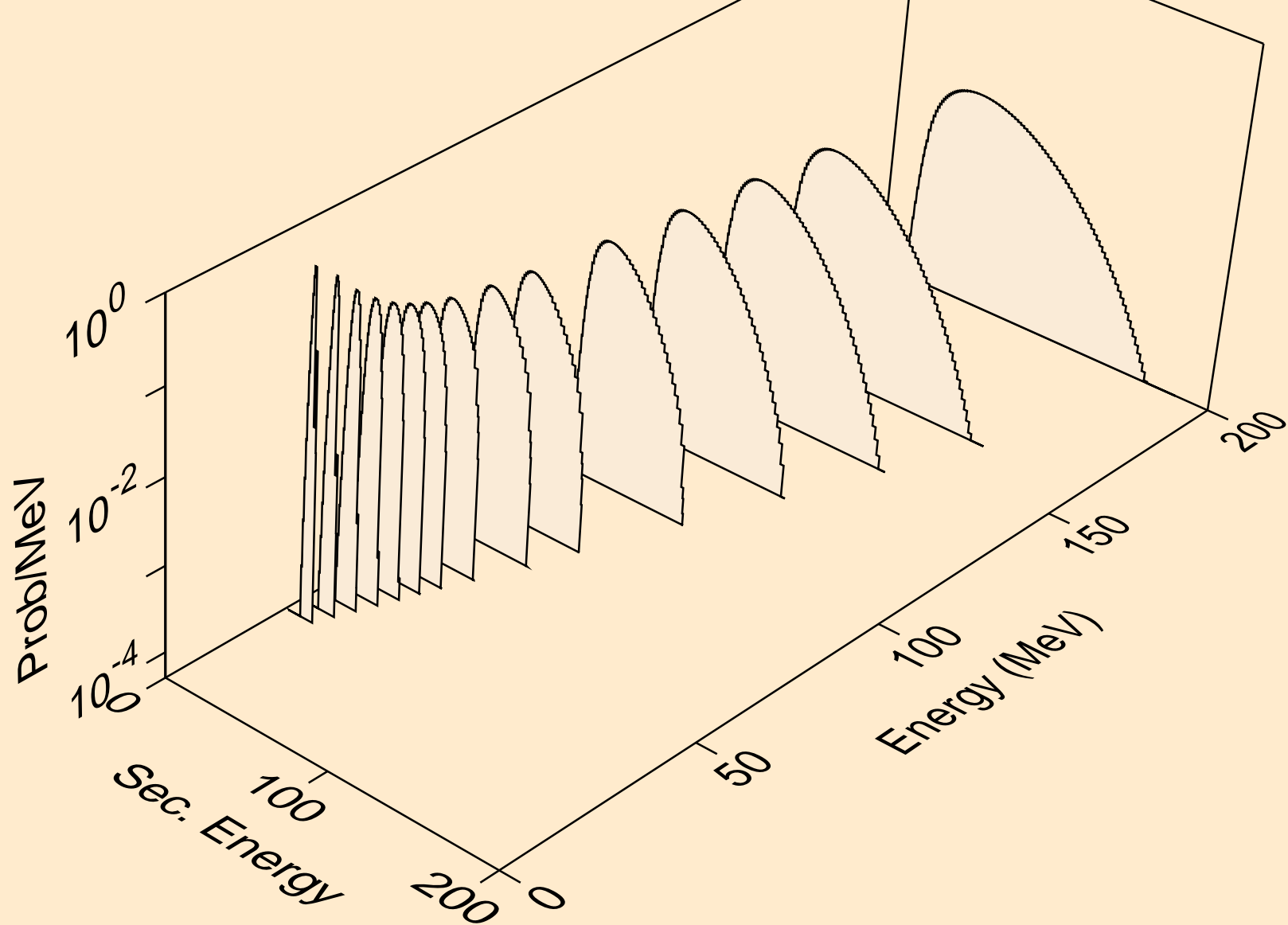
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tritons from (n,n\*)t



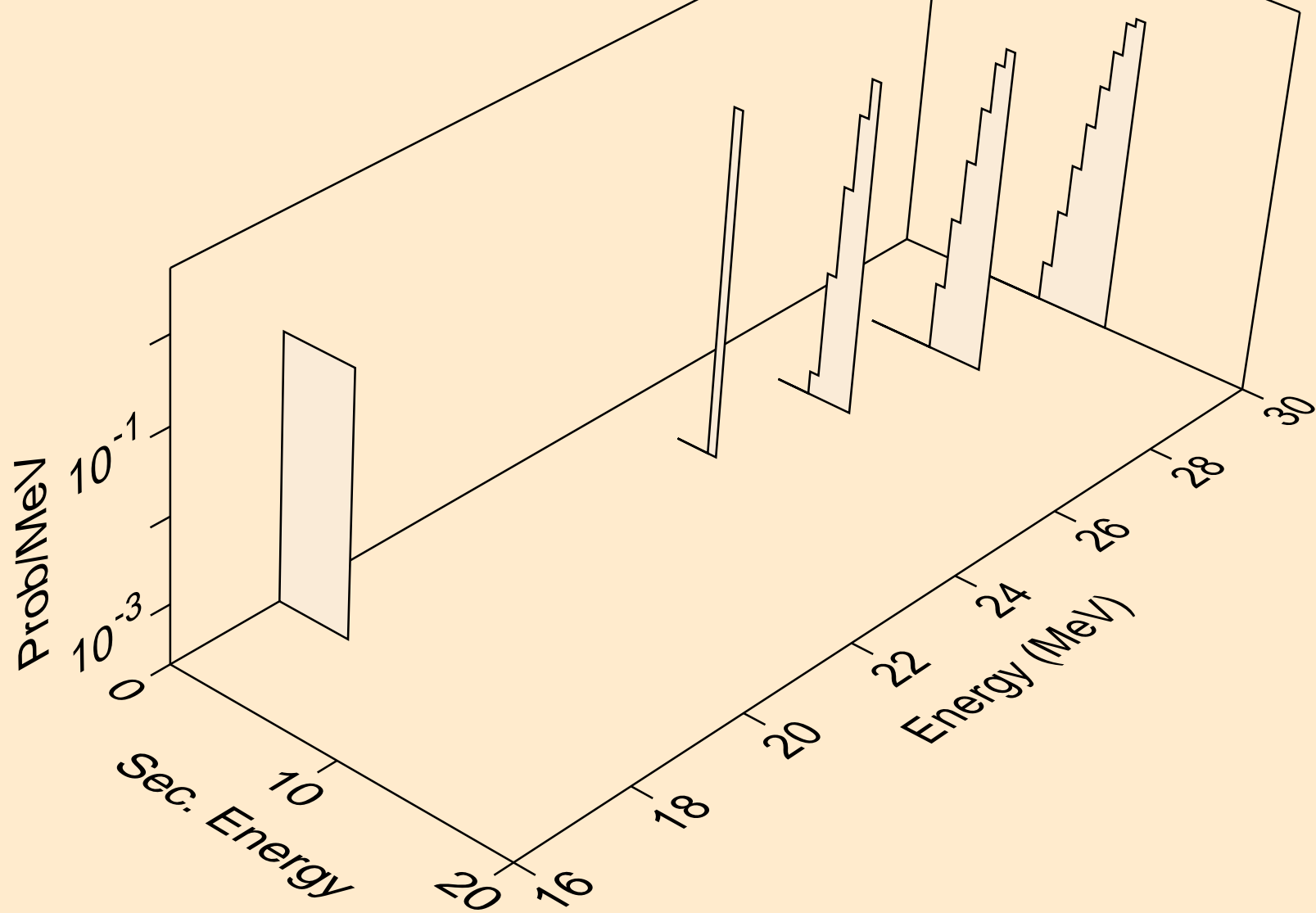
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tritons from (n,t)



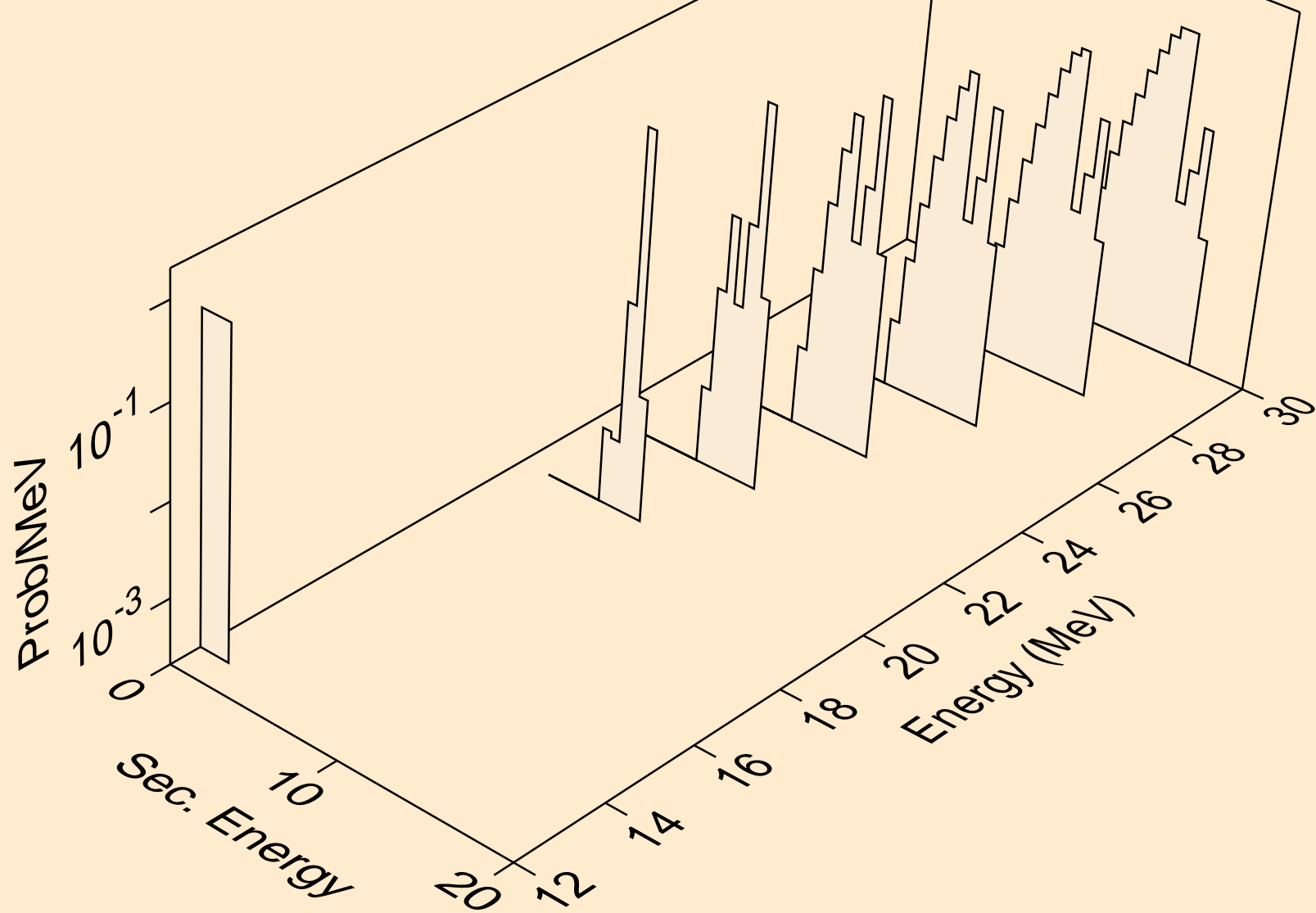
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

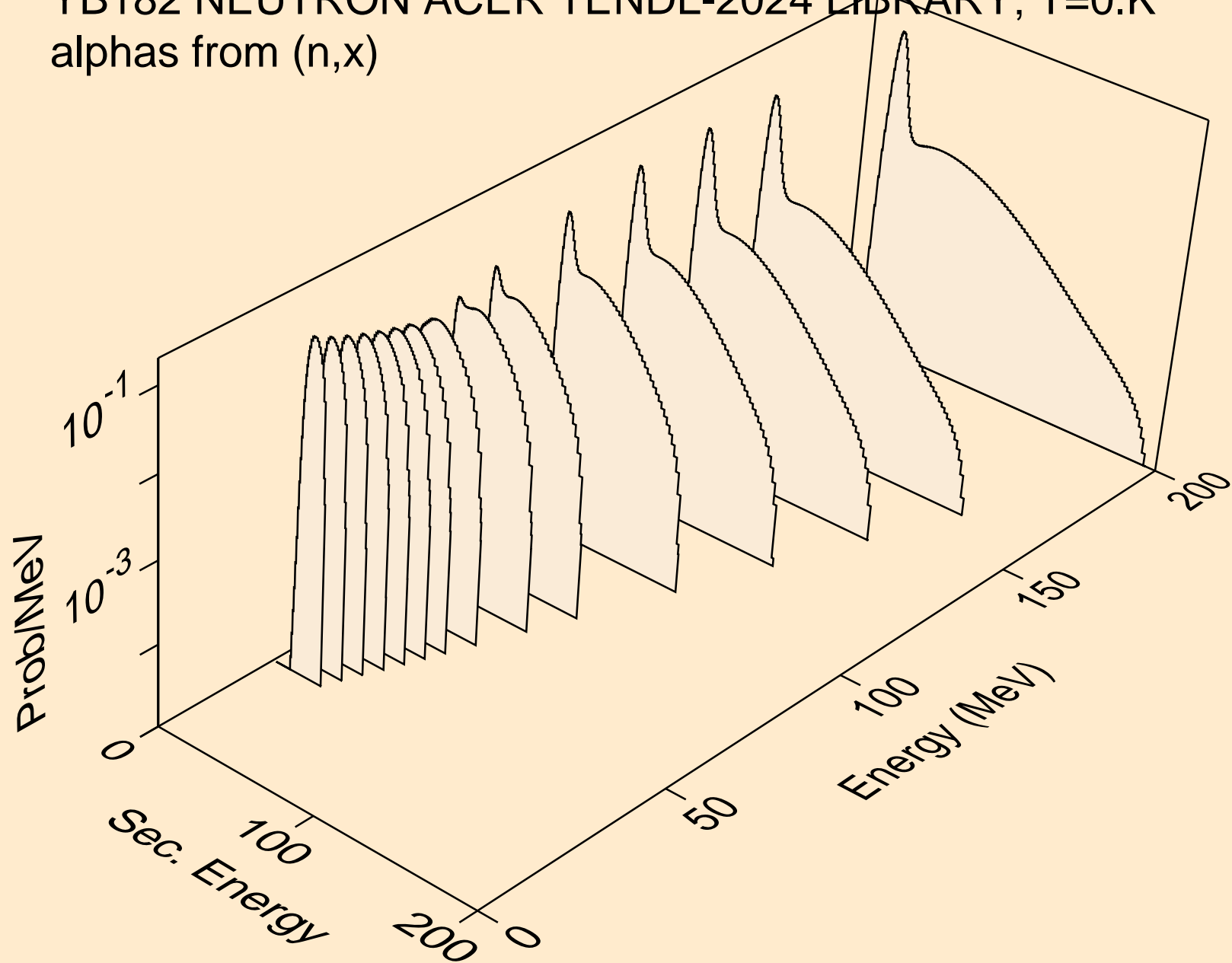


YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

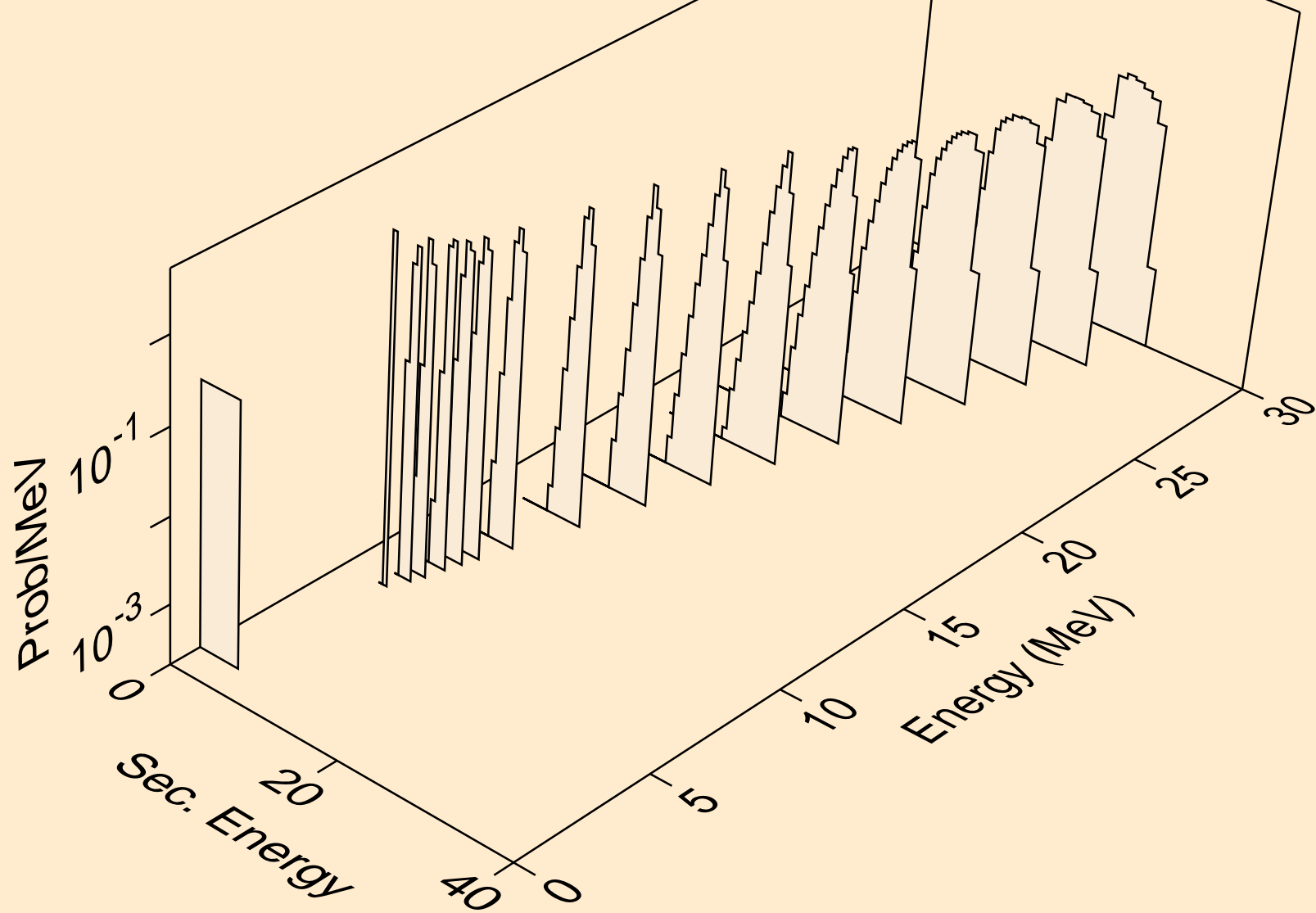




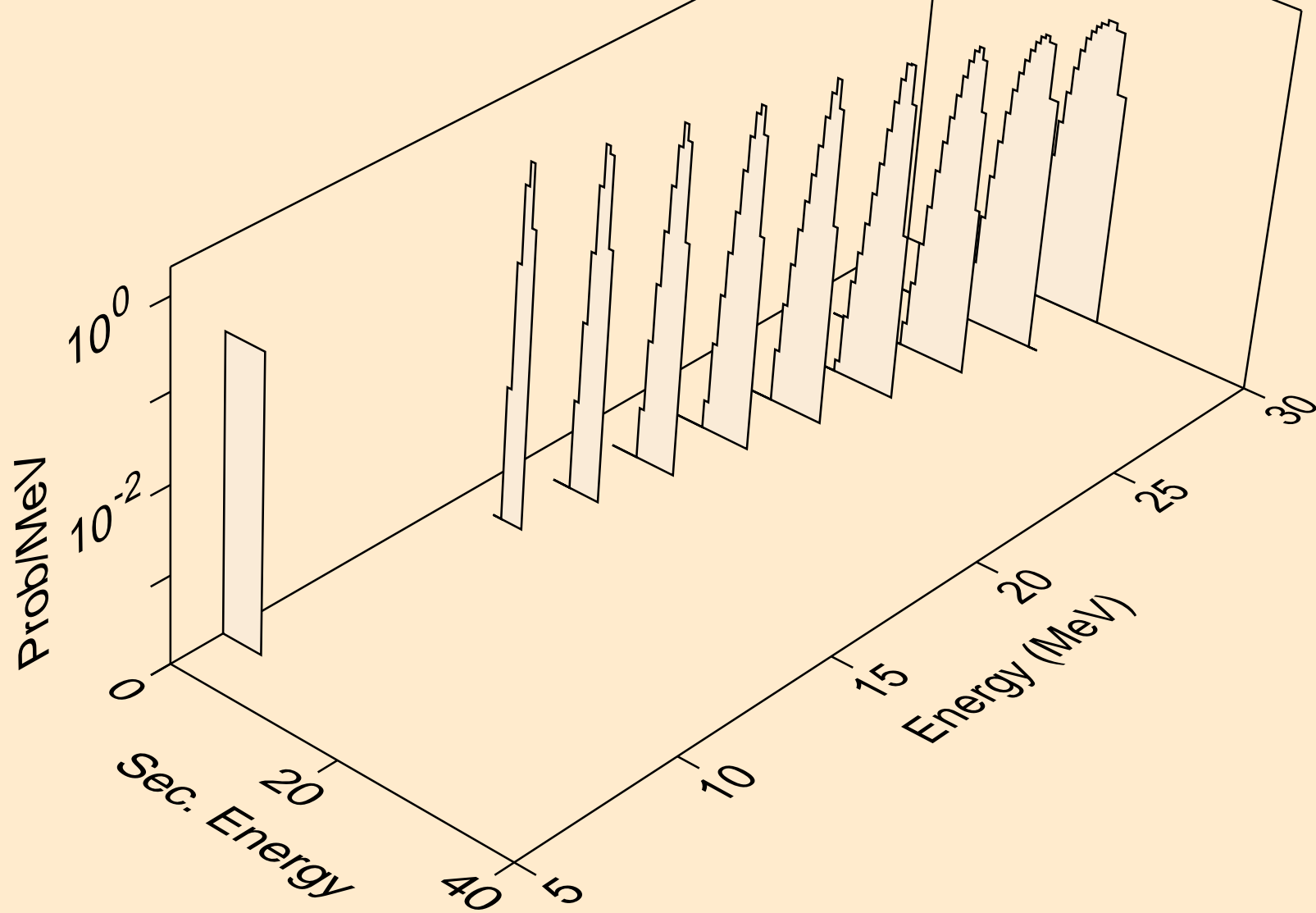
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



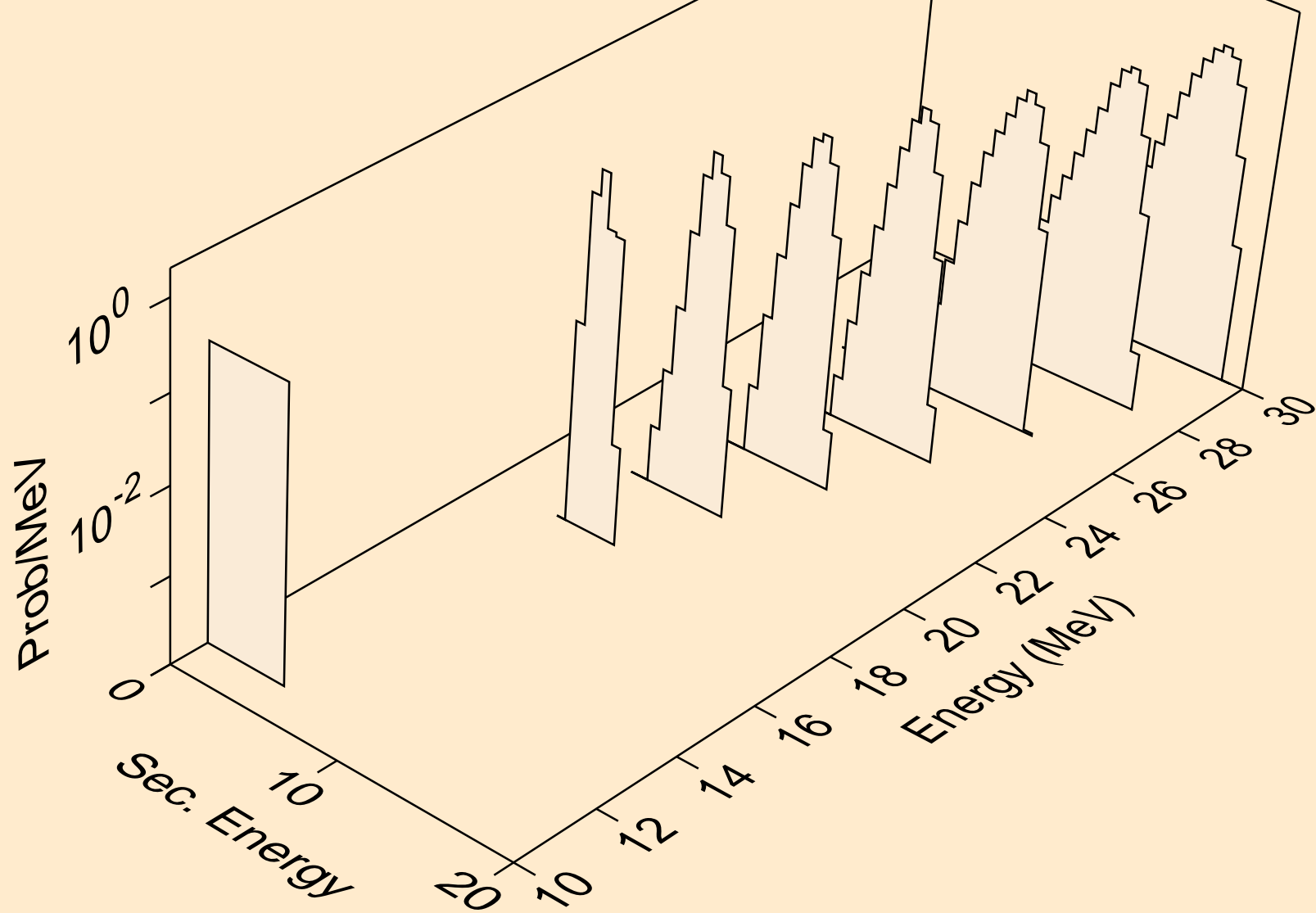
YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



YB182 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

