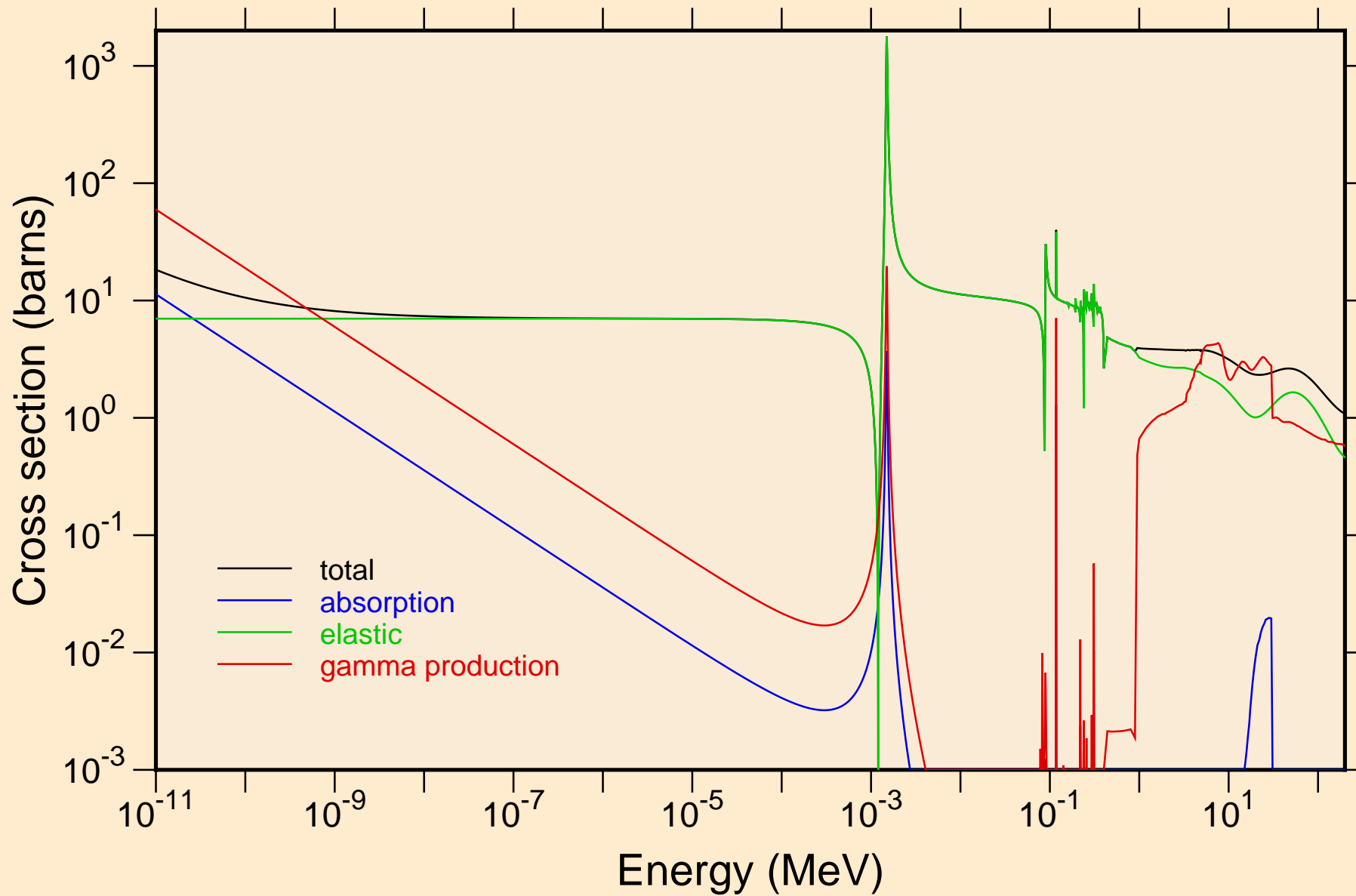
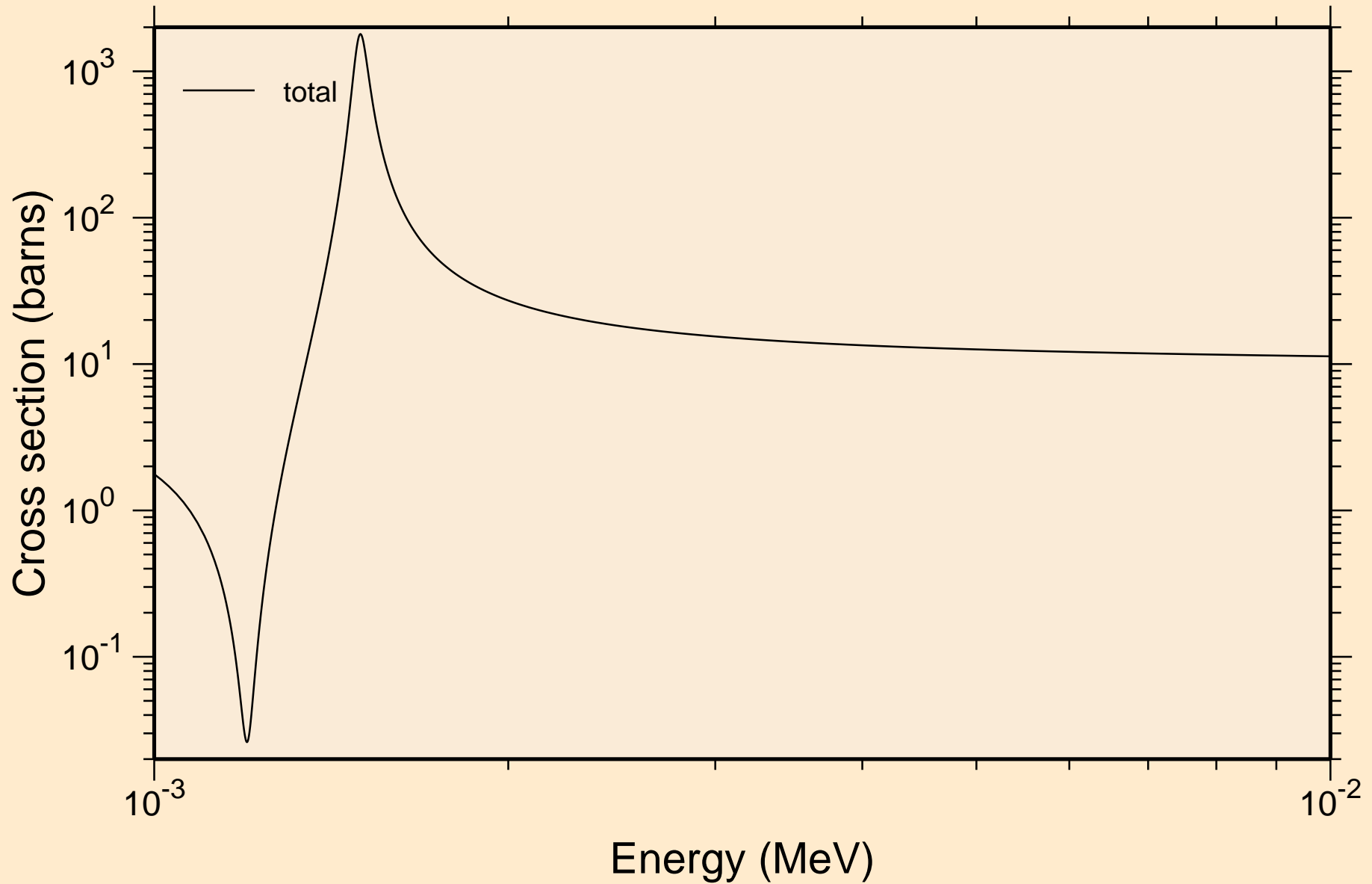


# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

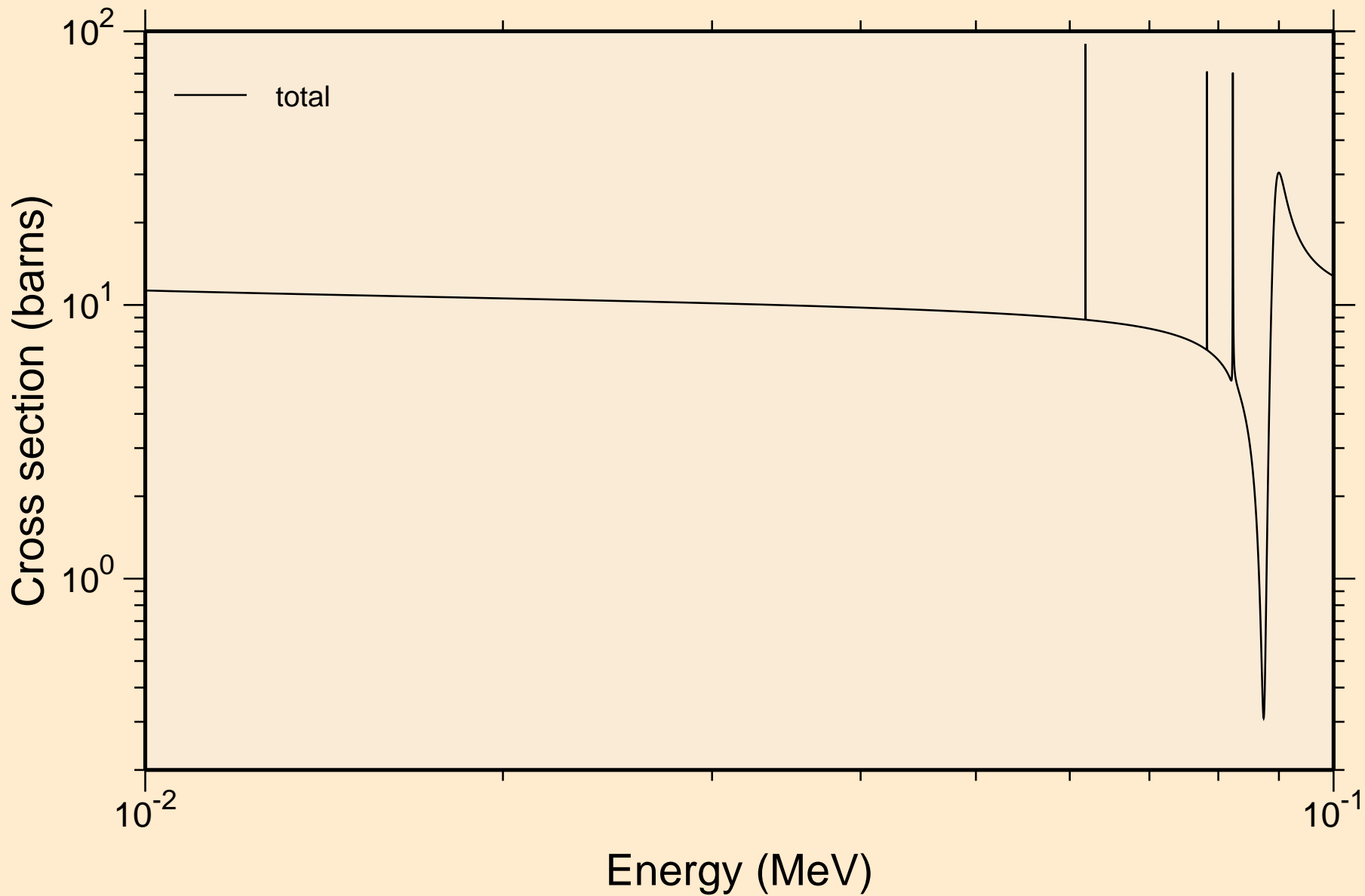
## Principal cross sections



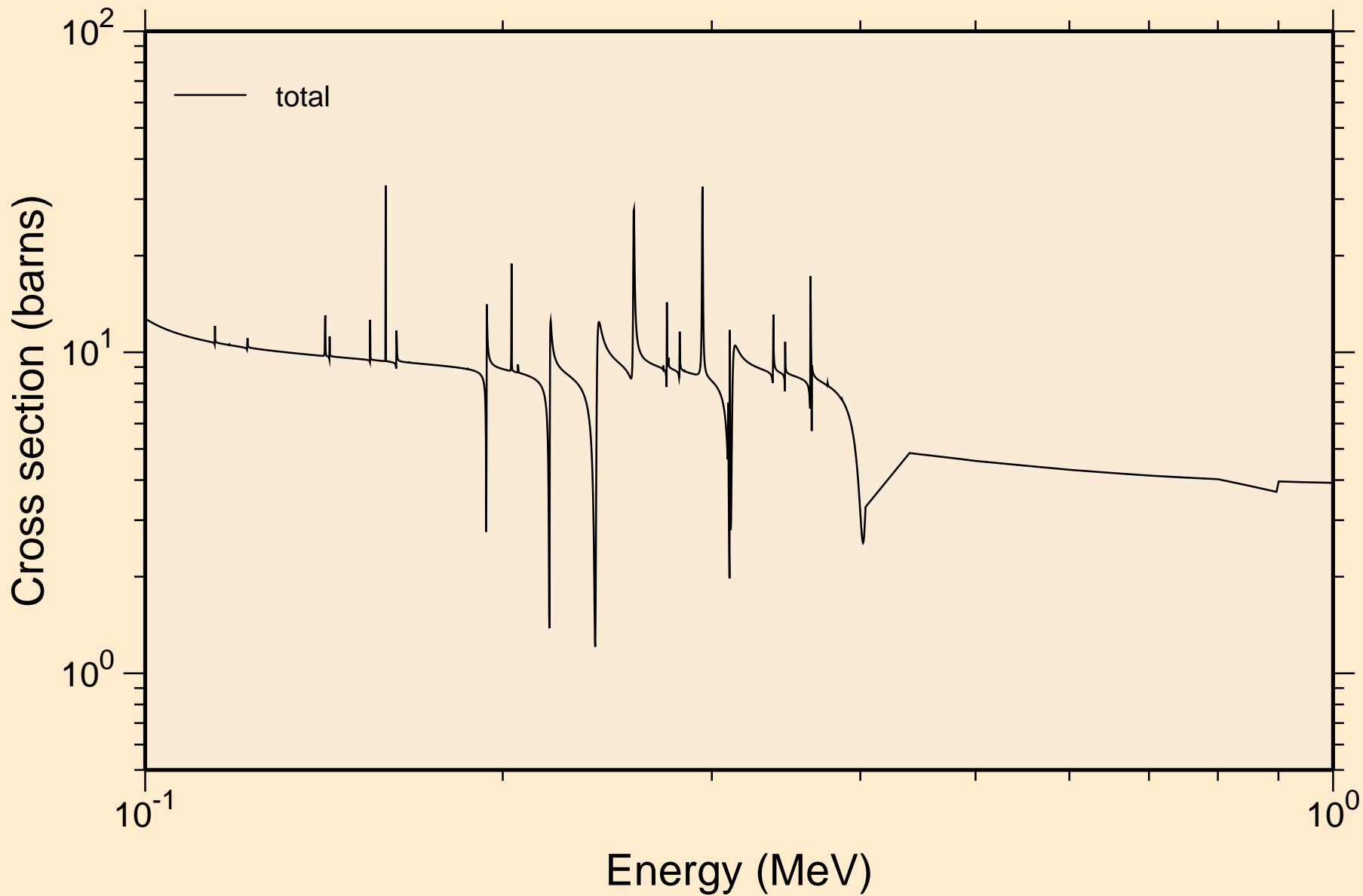
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



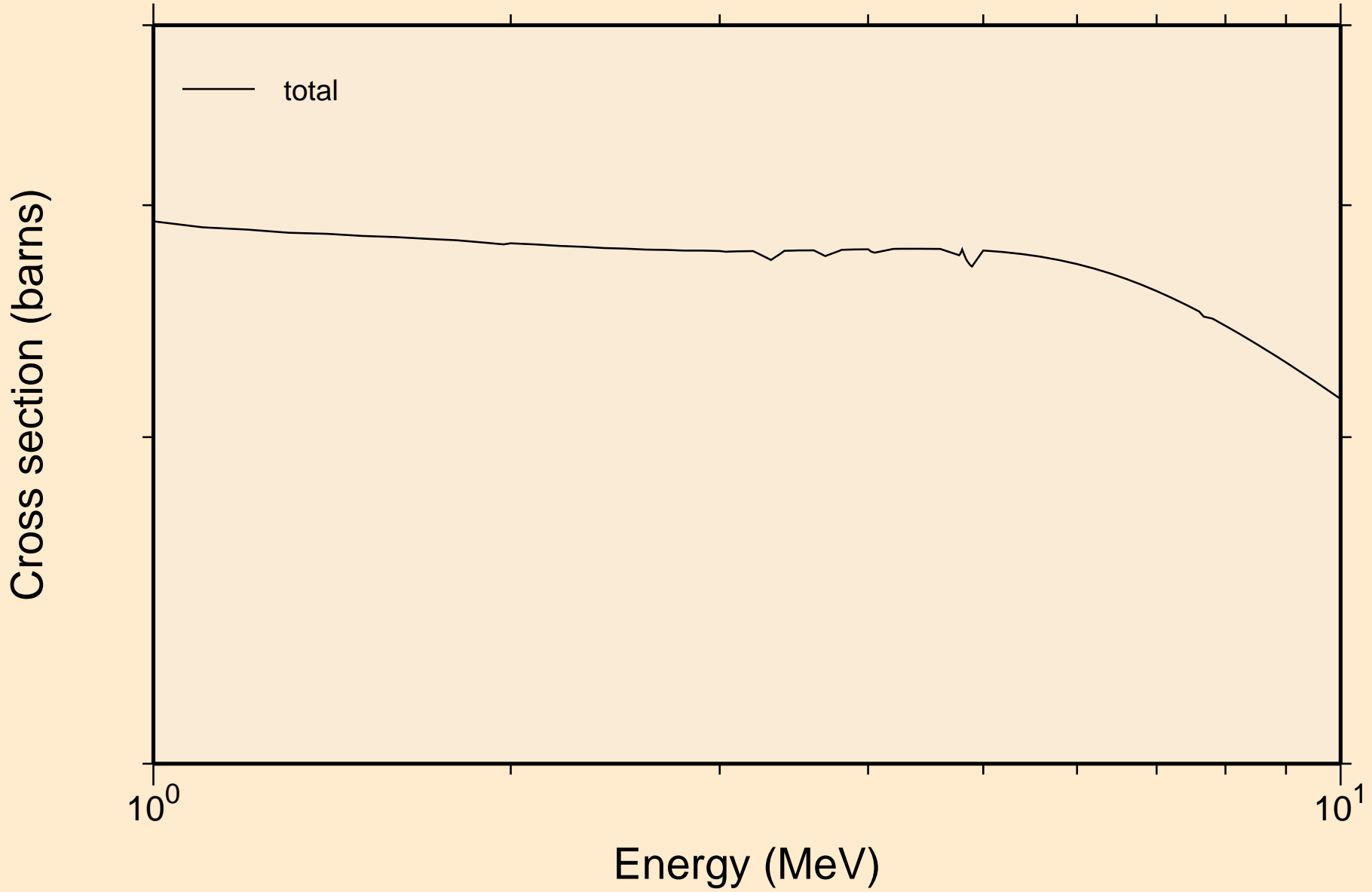
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



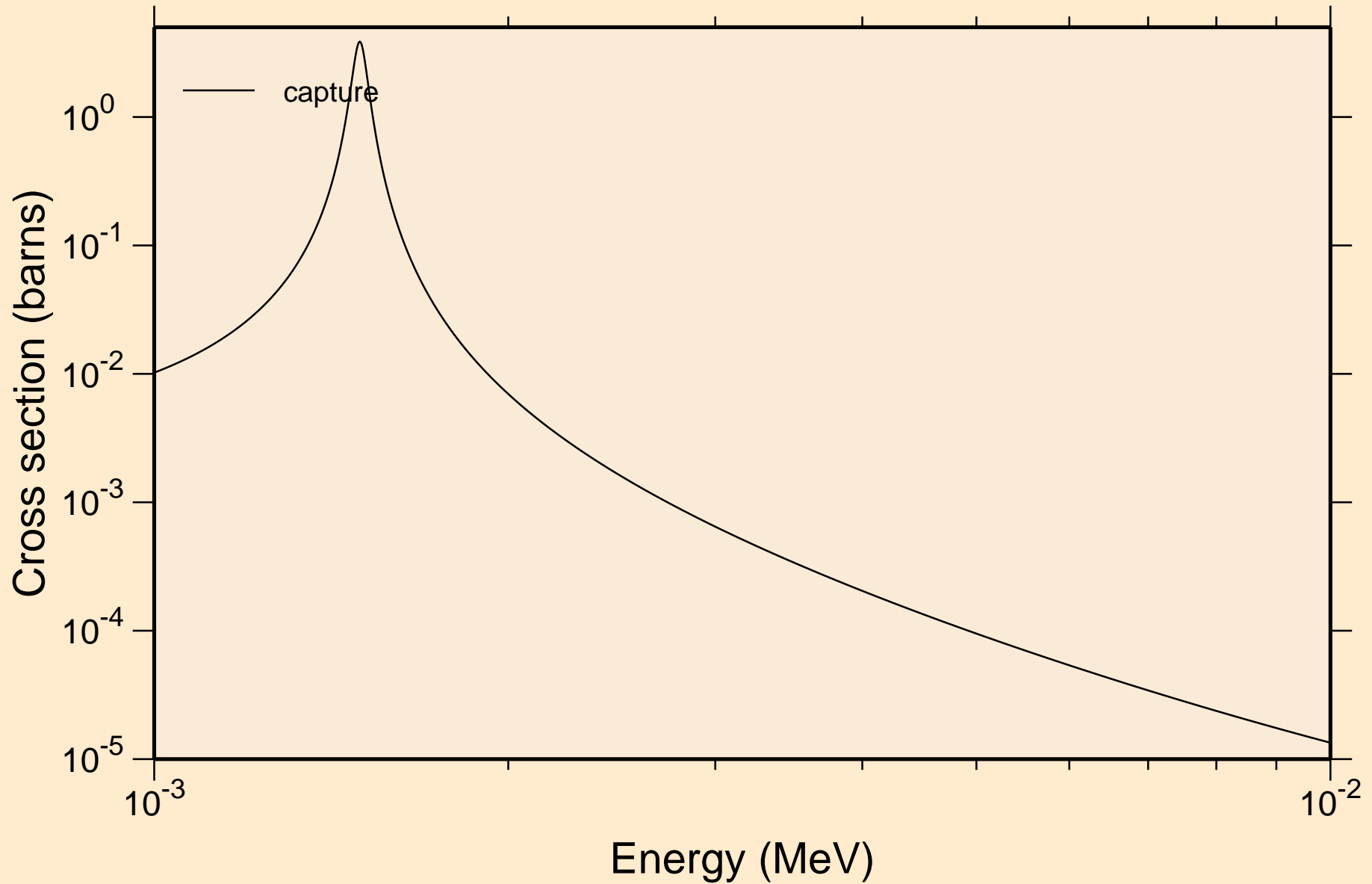
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



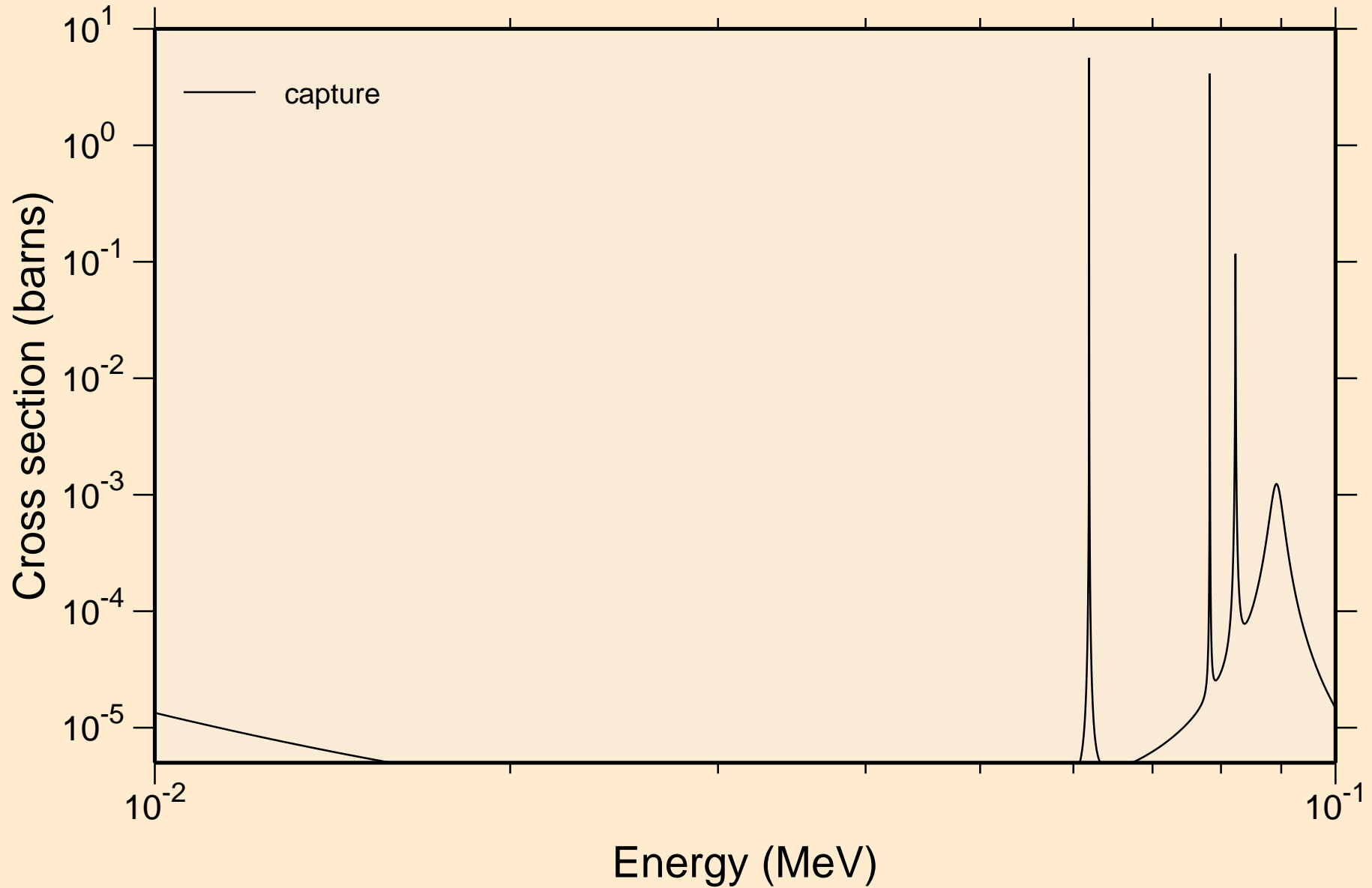
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



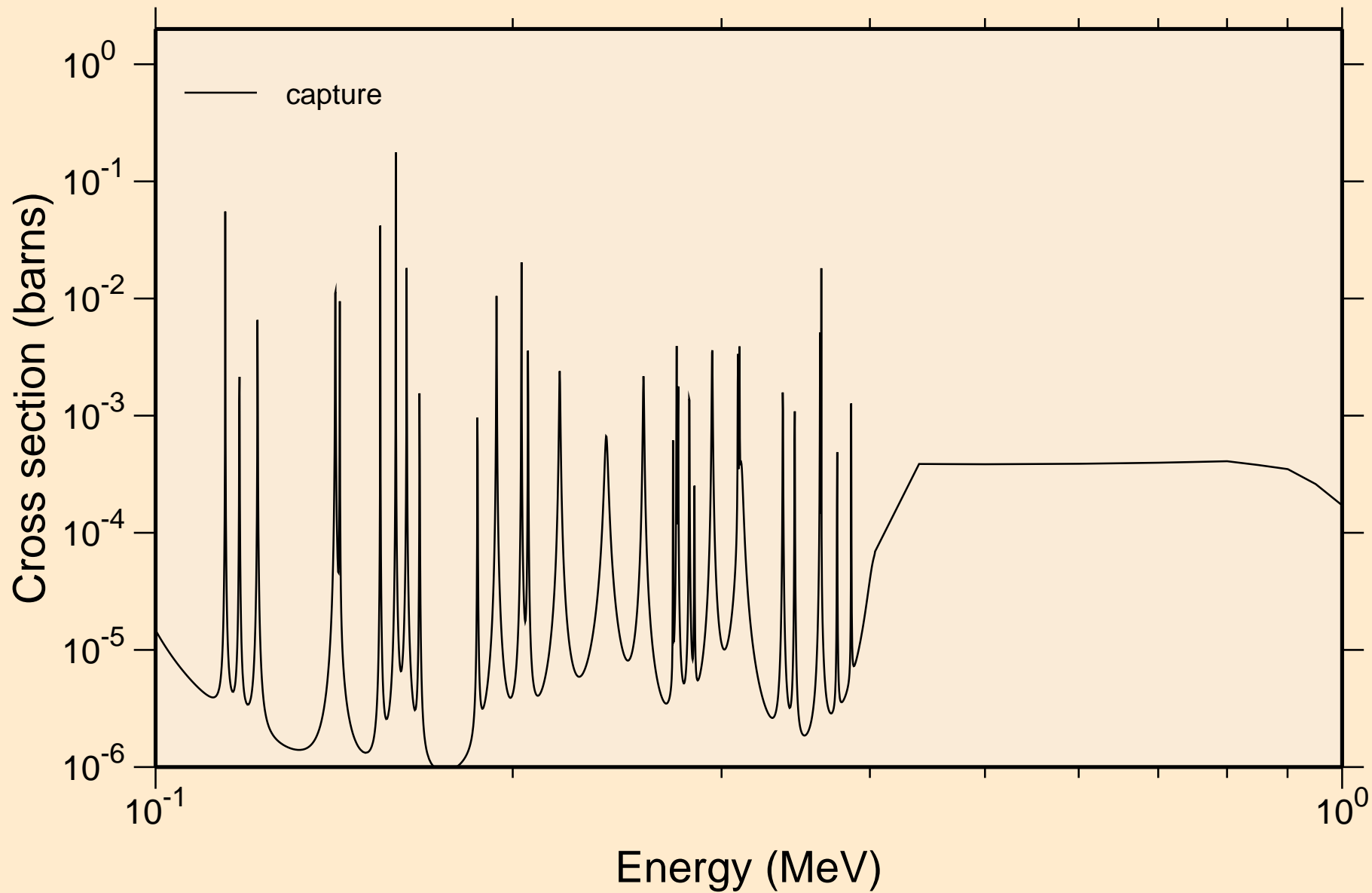
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

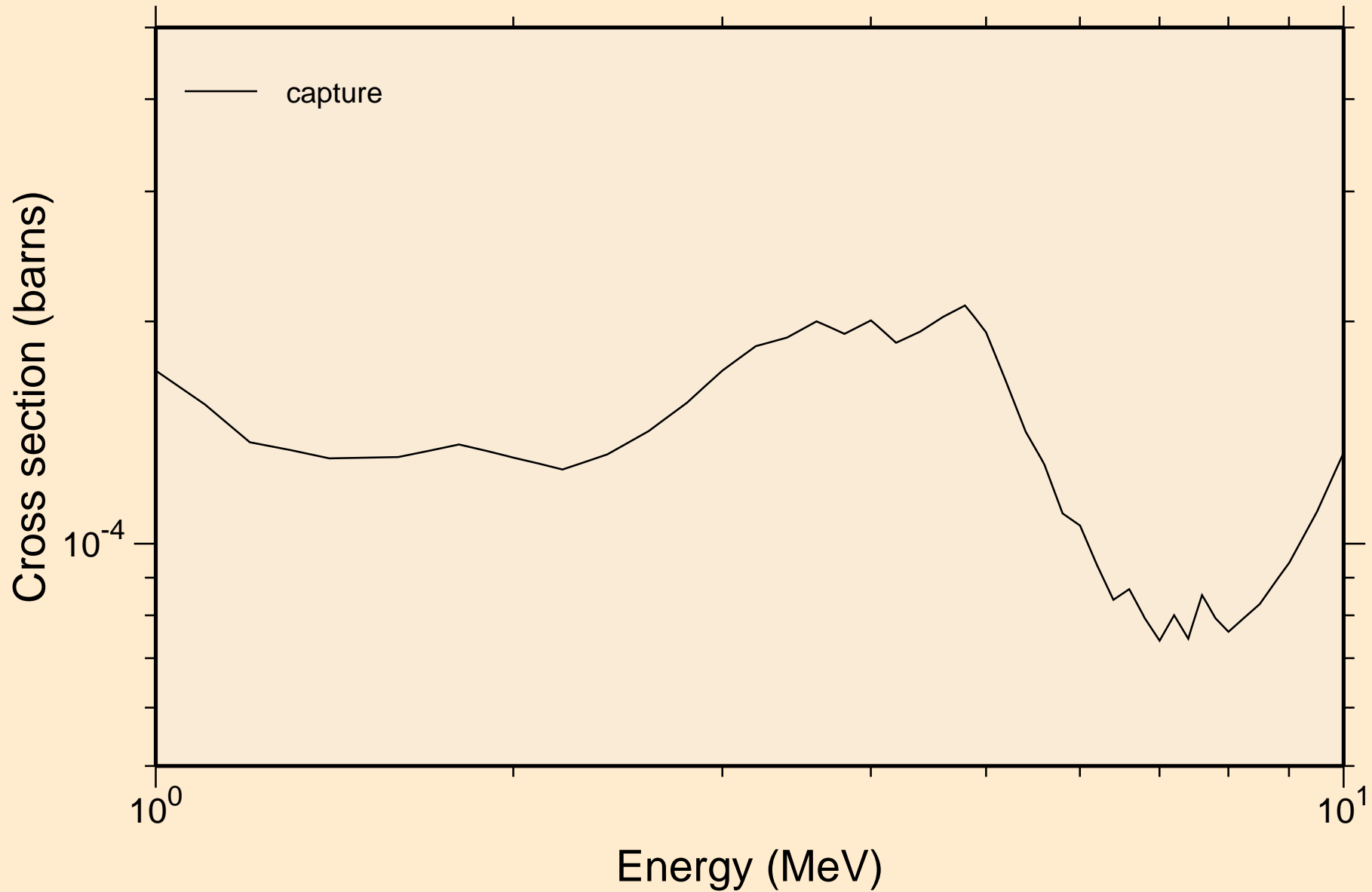


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

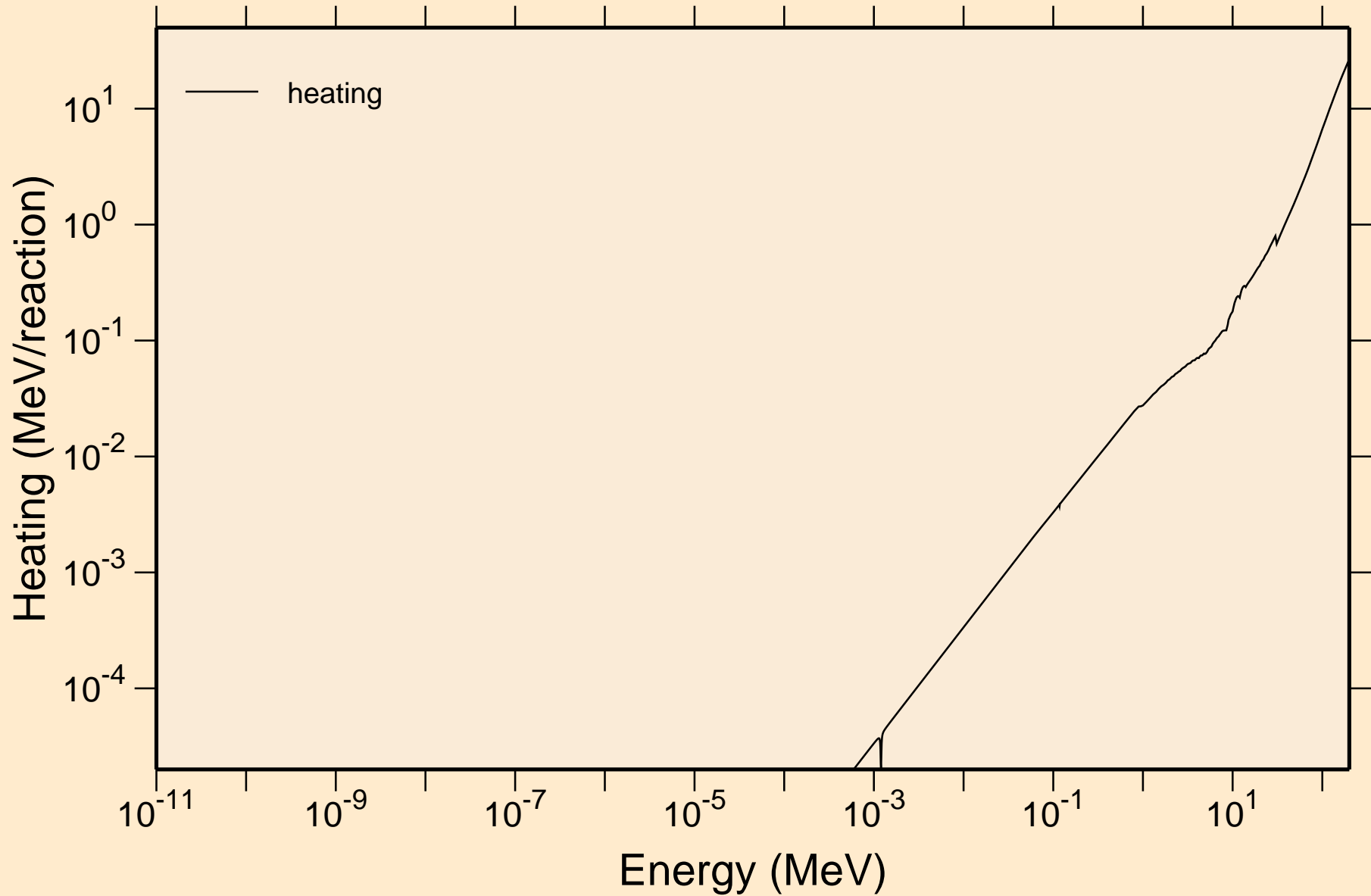




CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

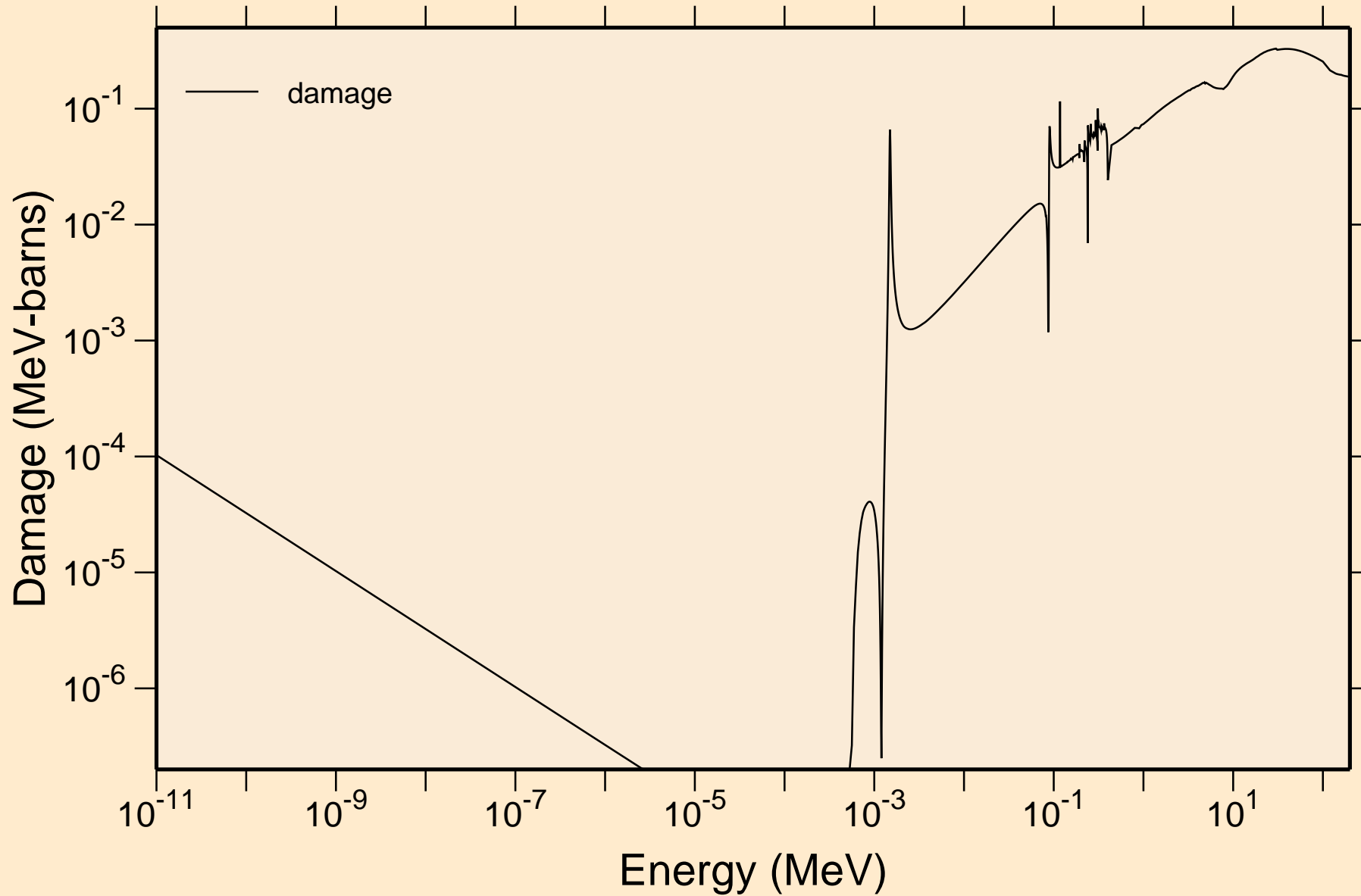


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

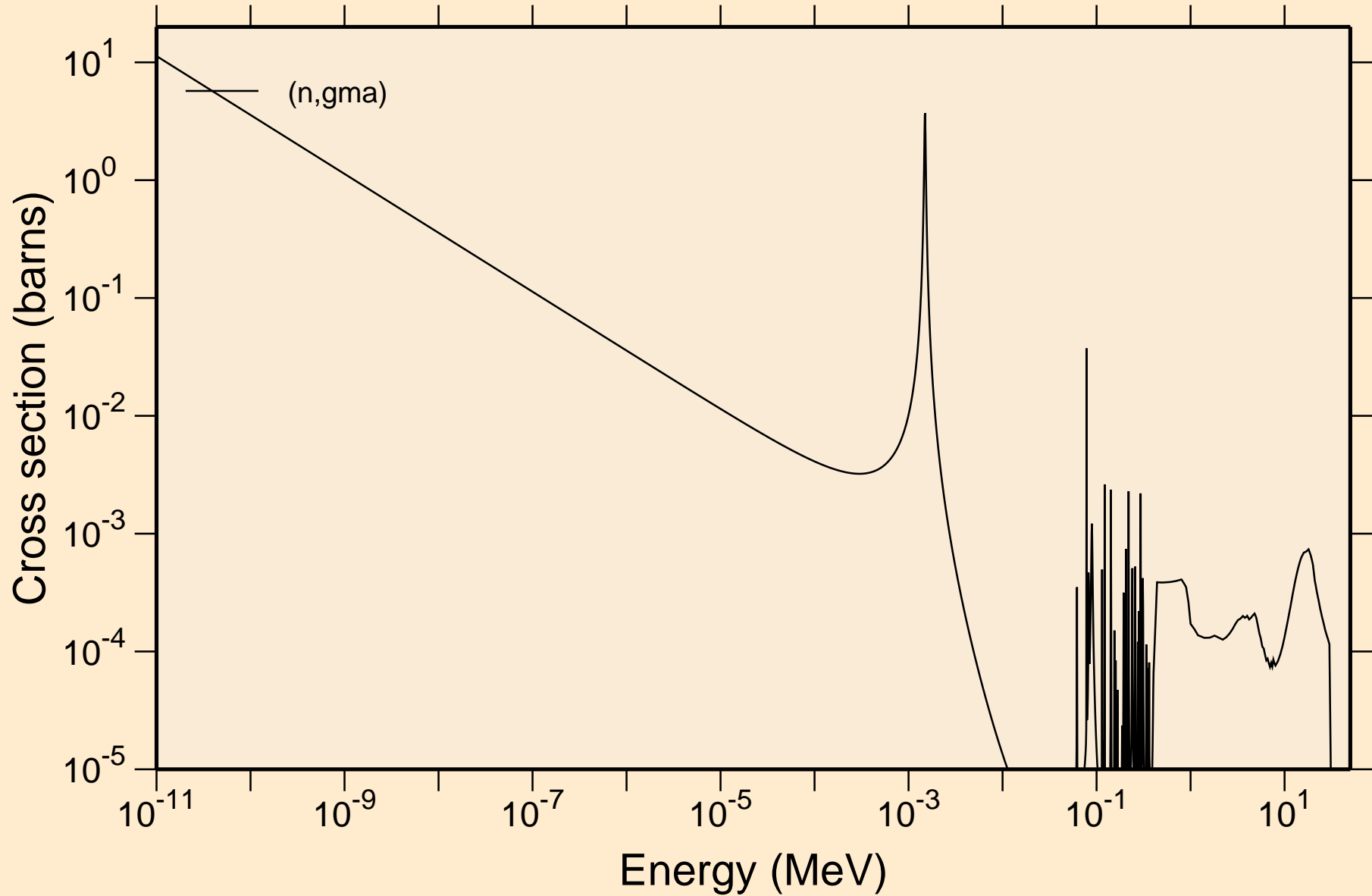


# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

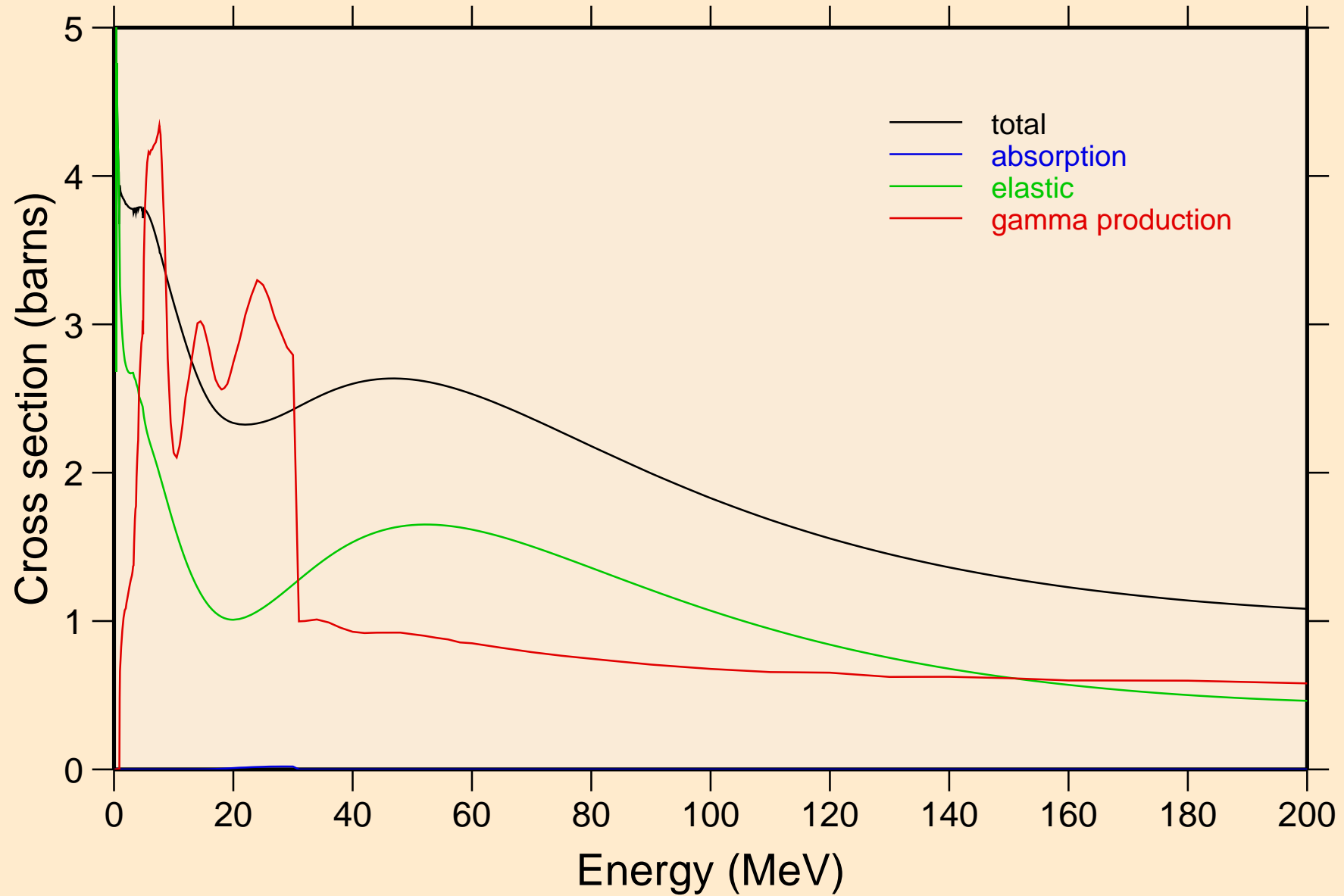


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



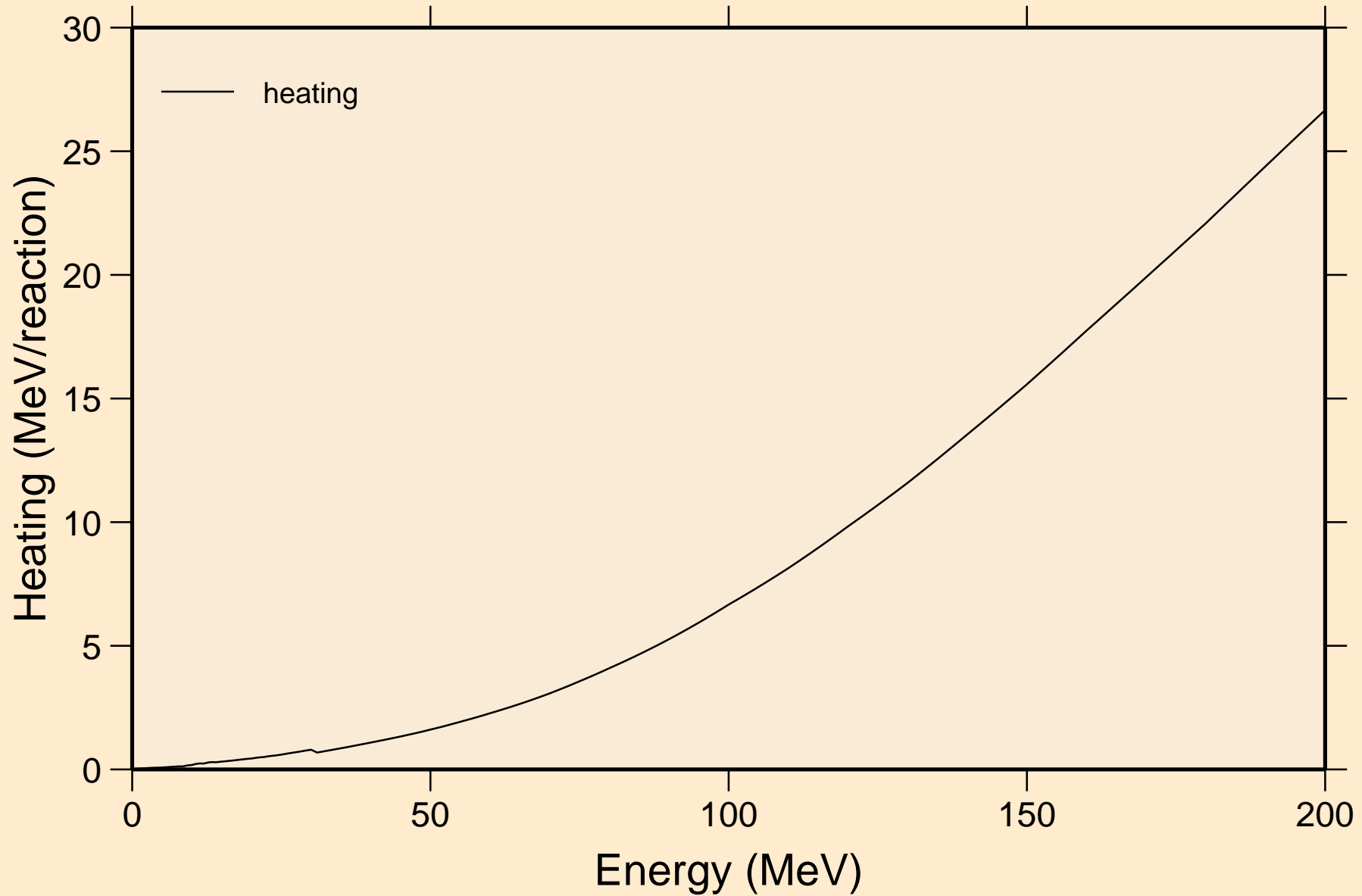
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



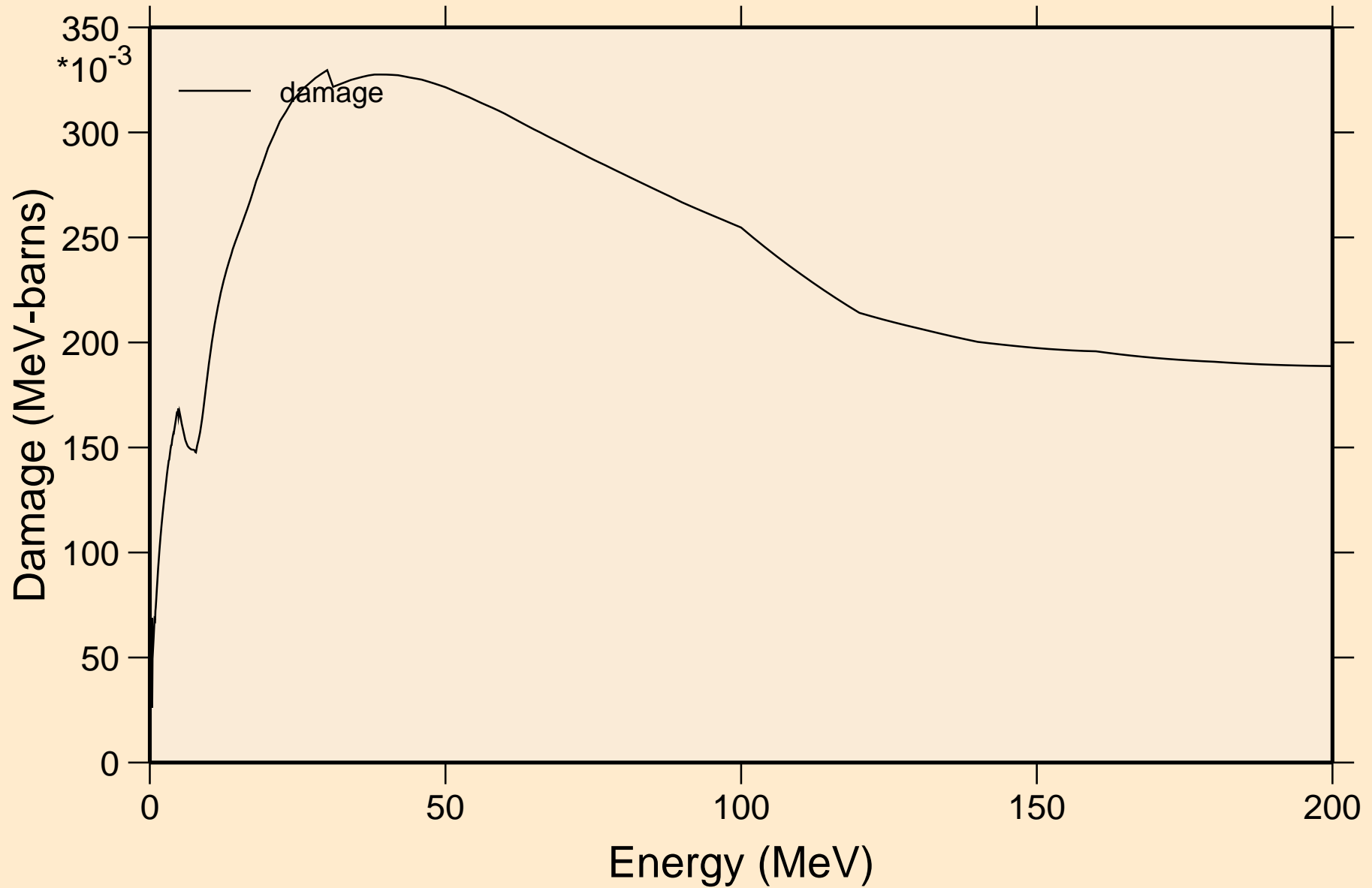
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

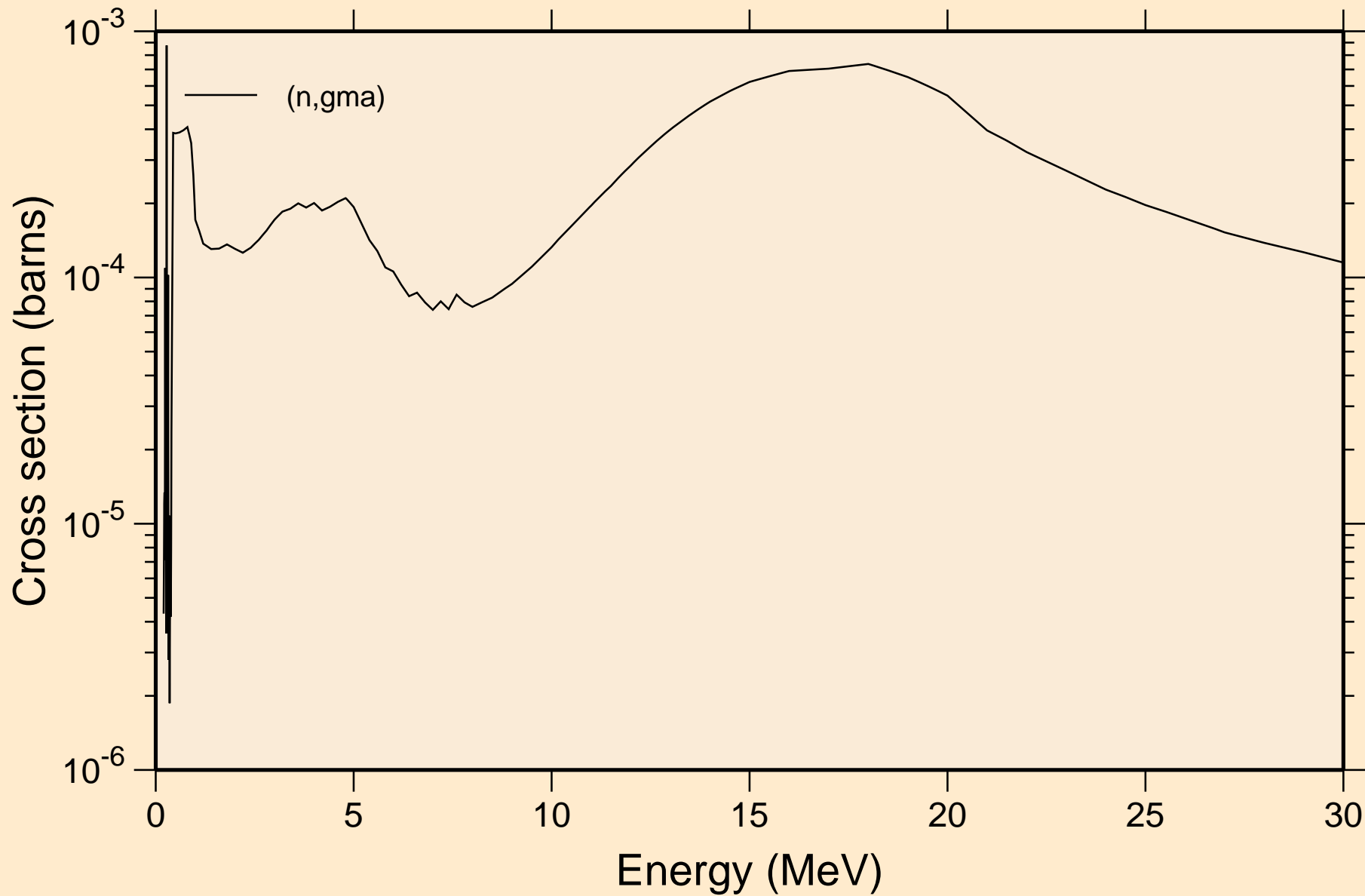


# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

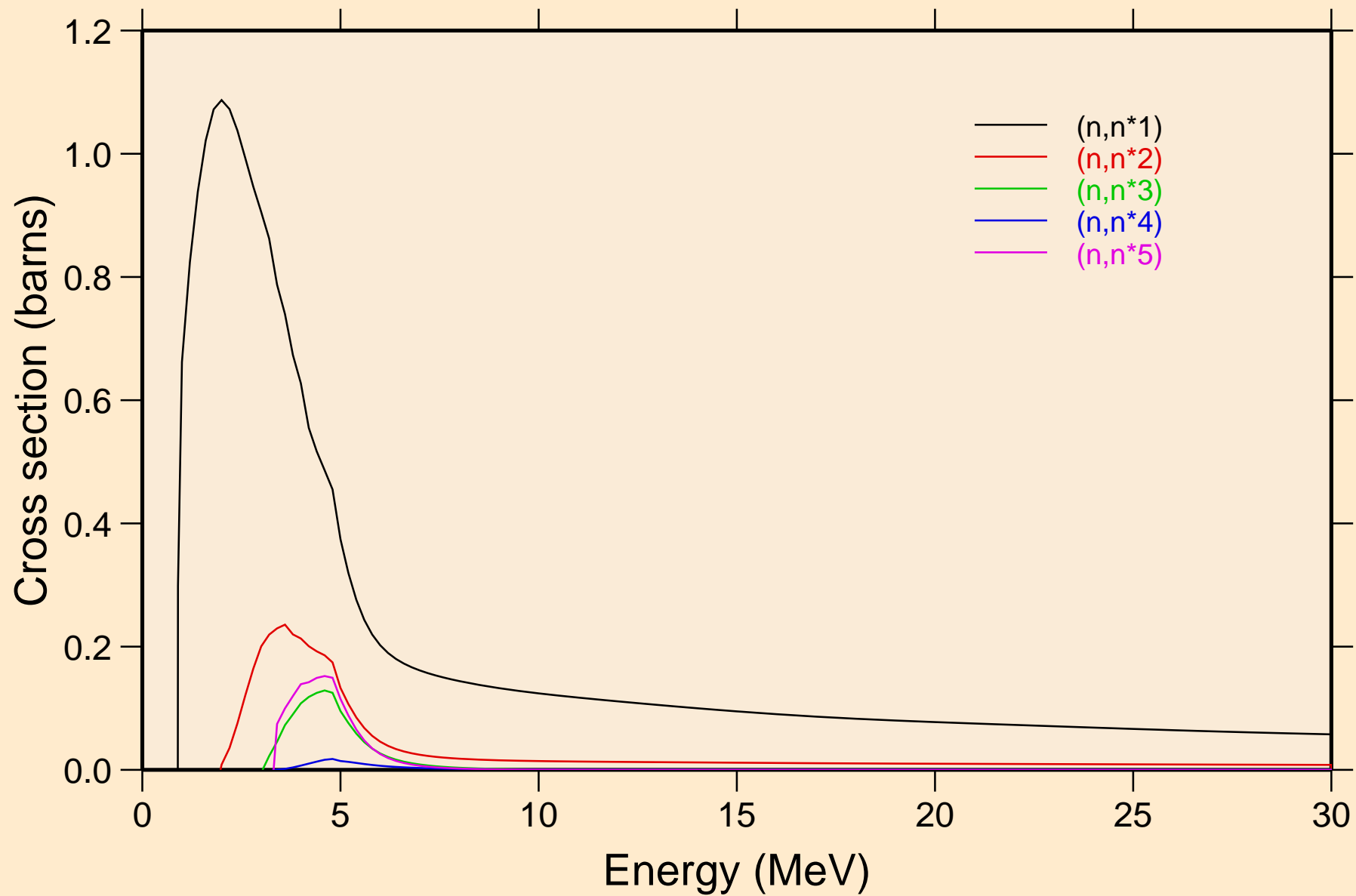


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



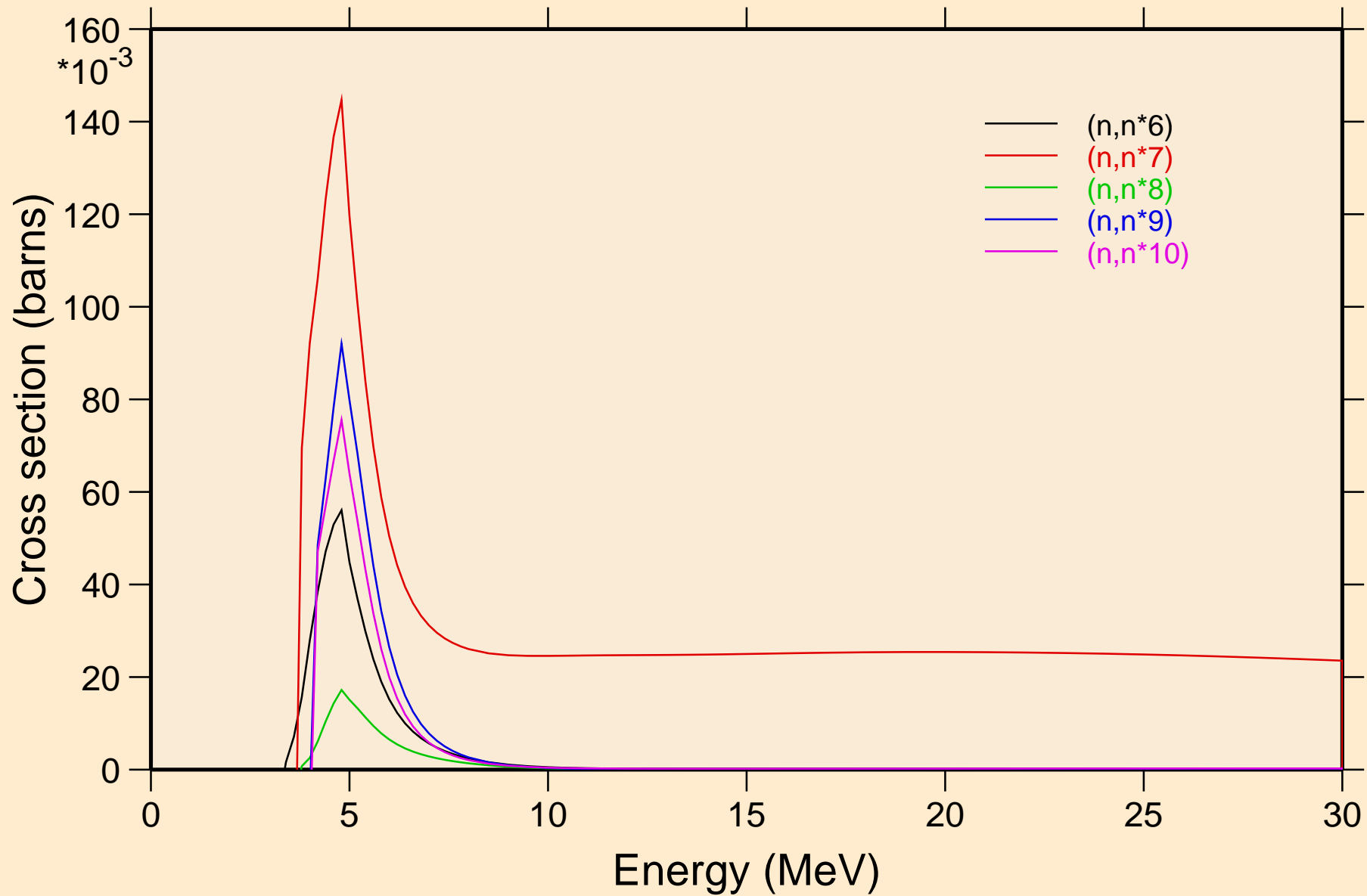


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

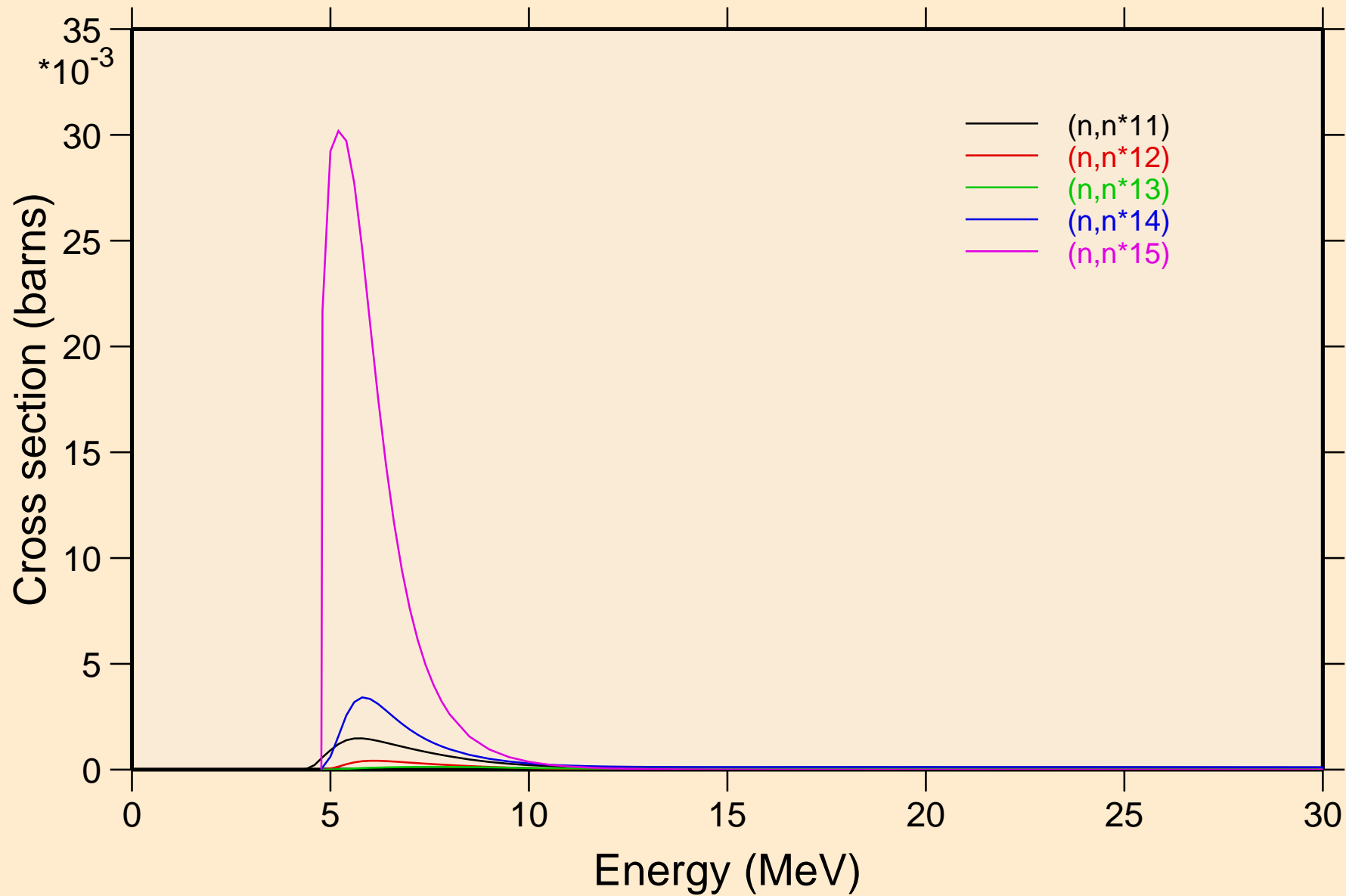


# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

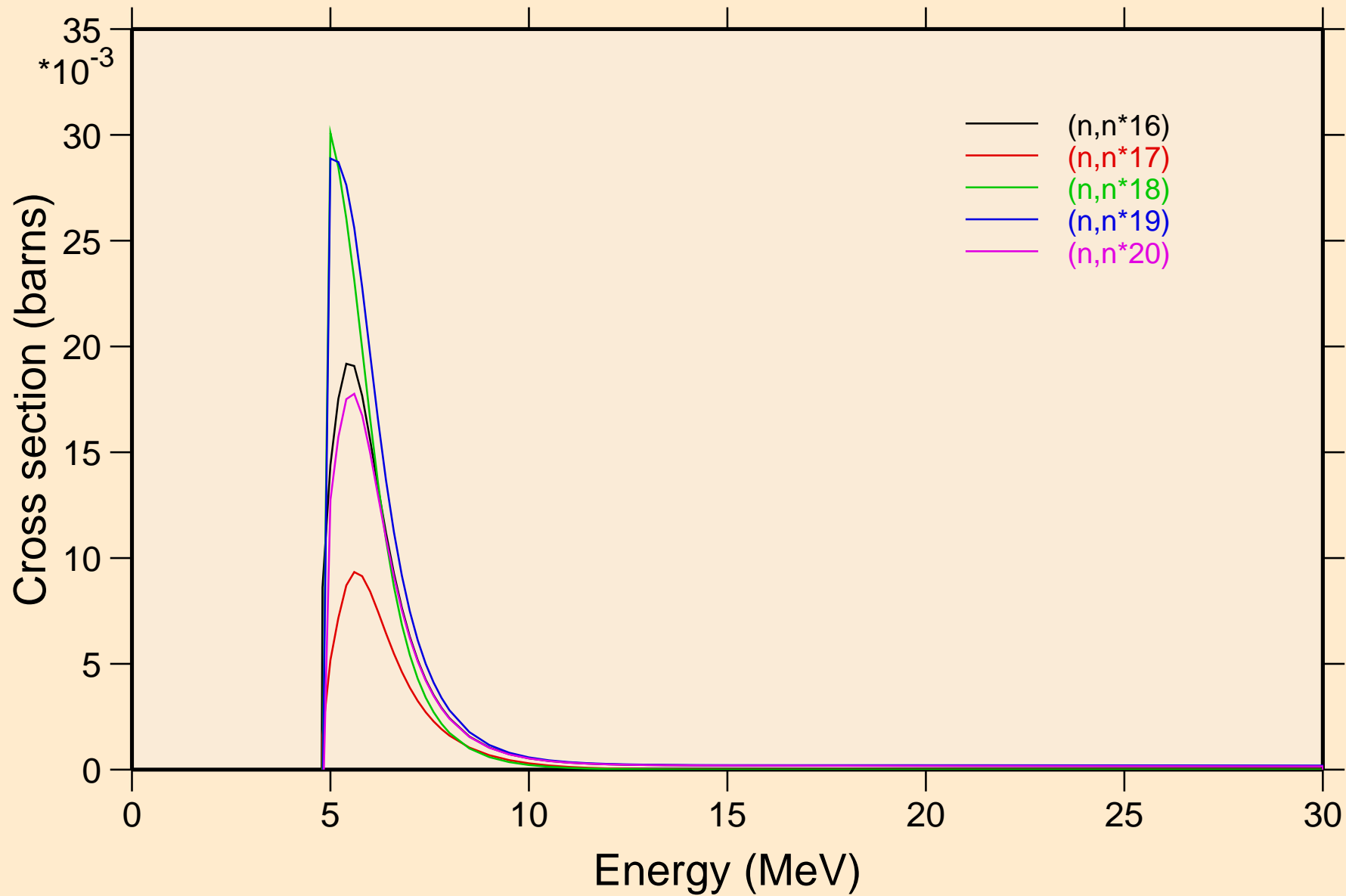
## Inelastic levels



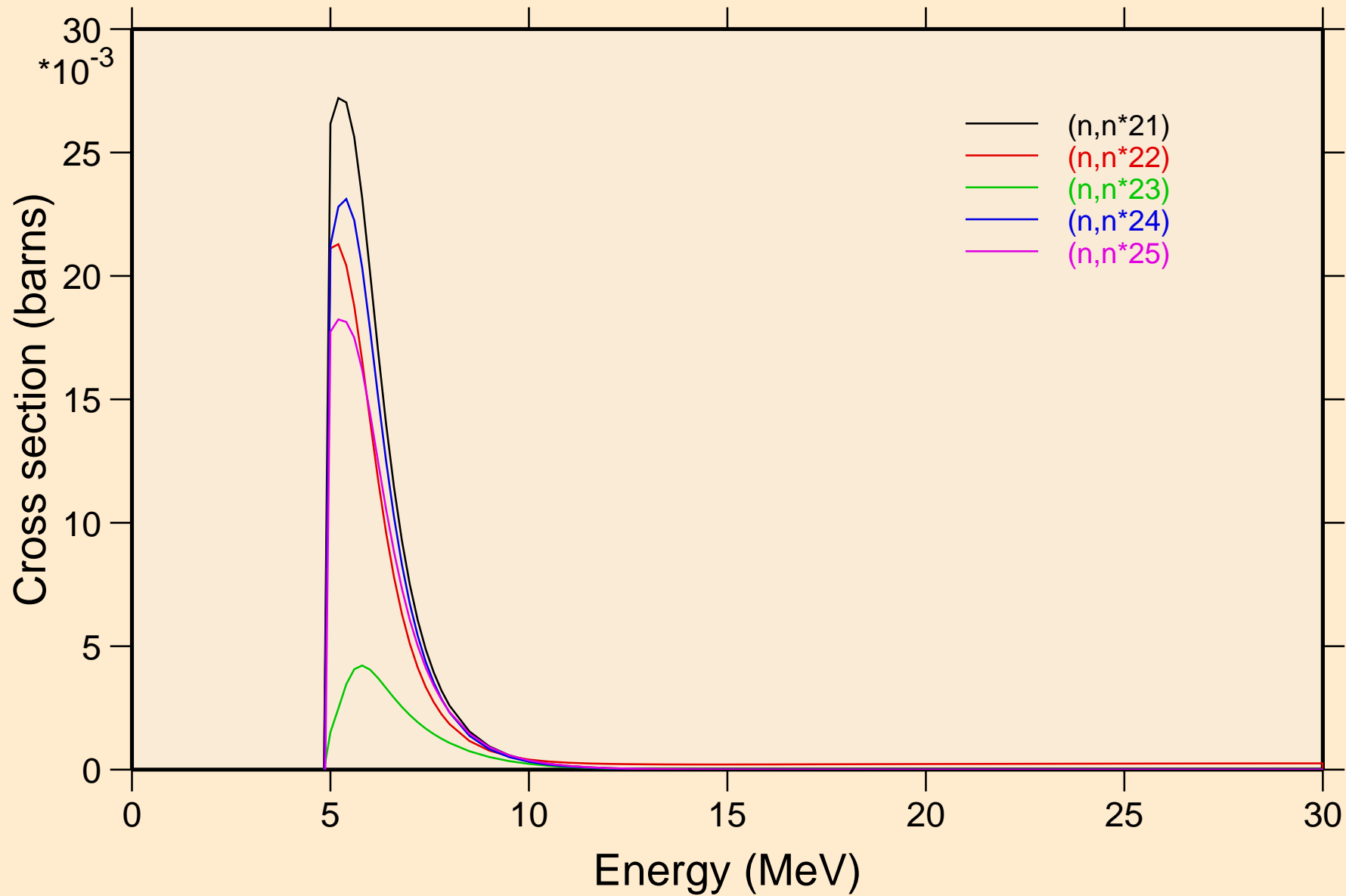
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



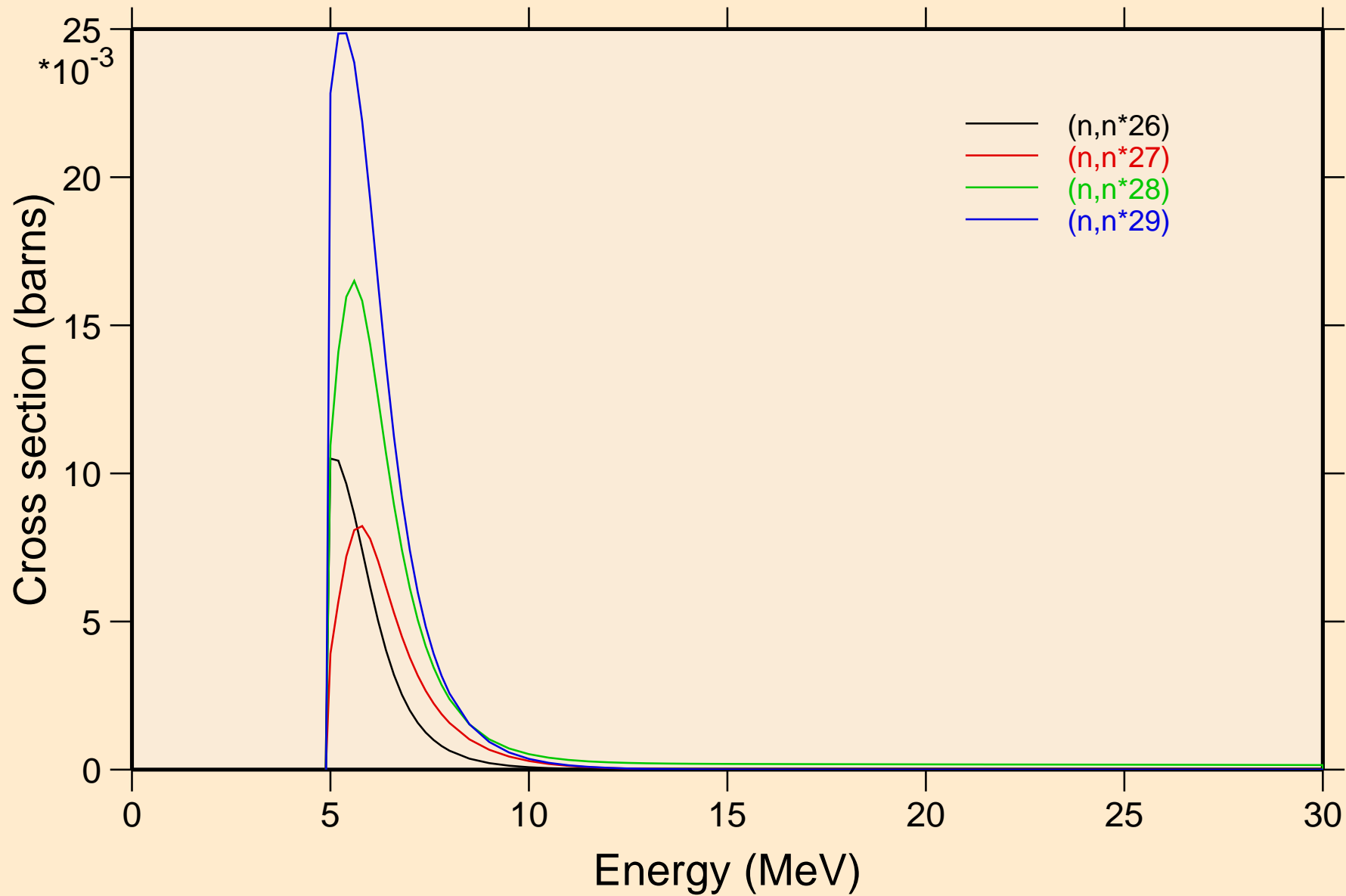
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

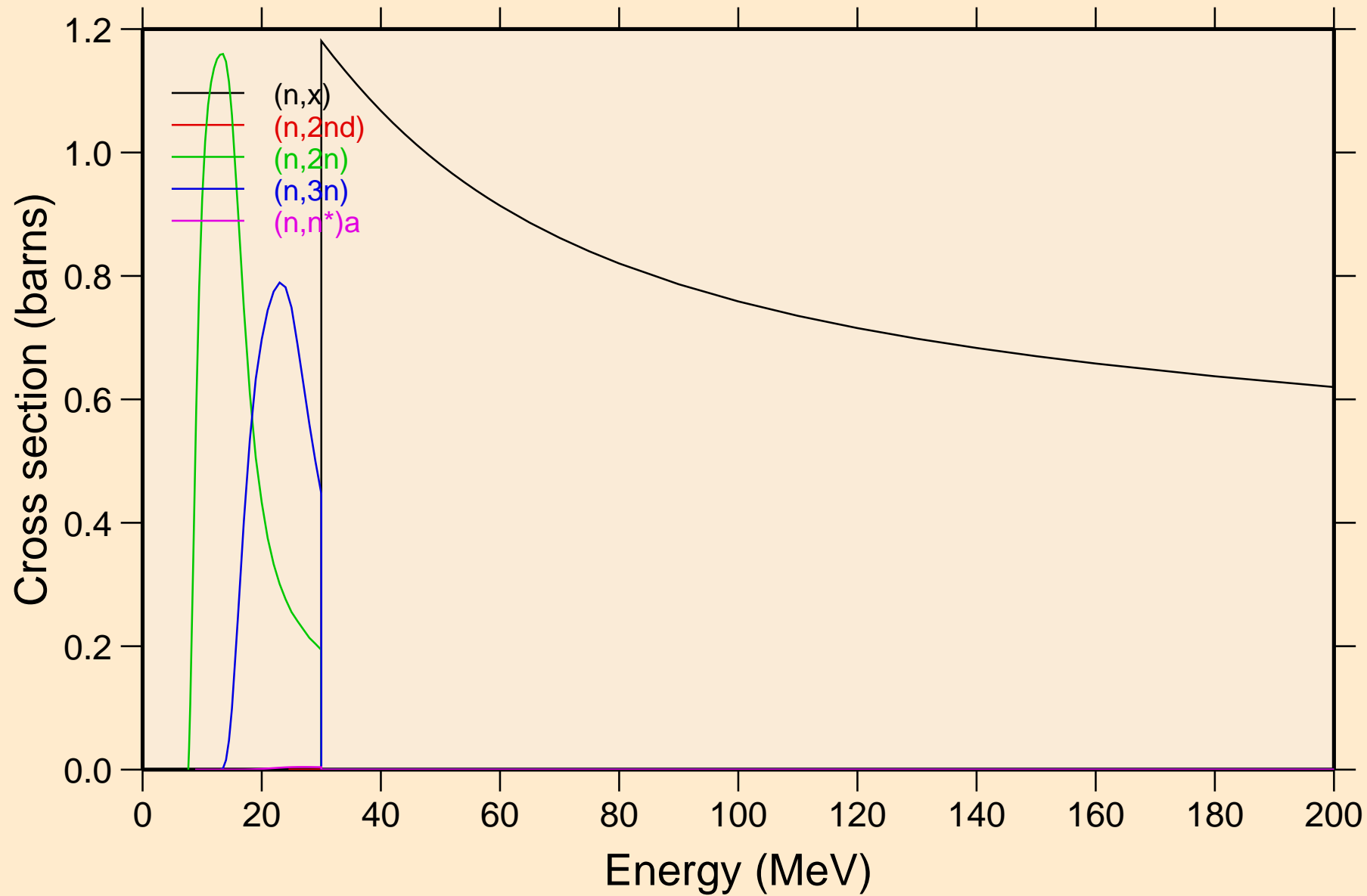


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



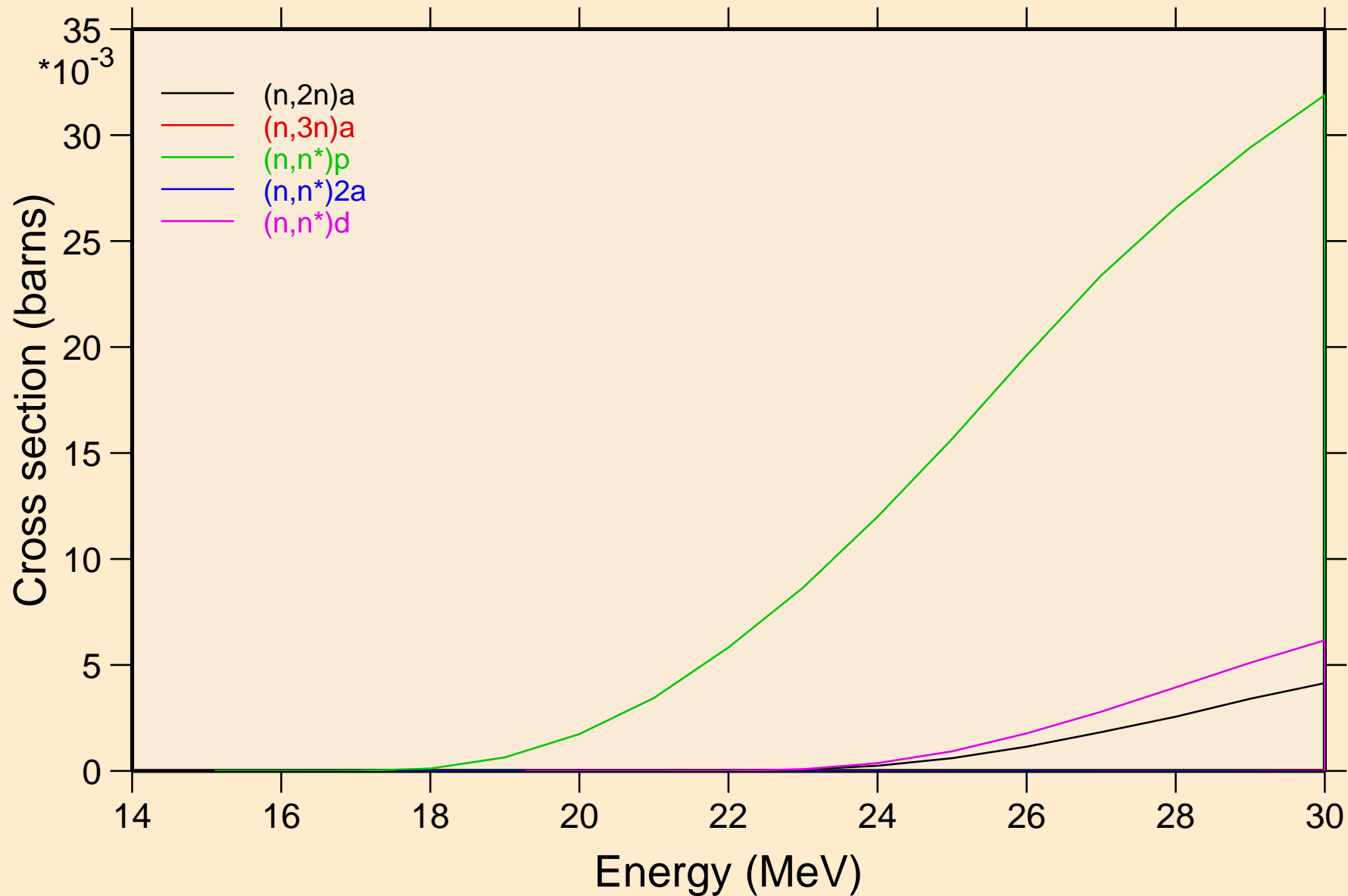
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

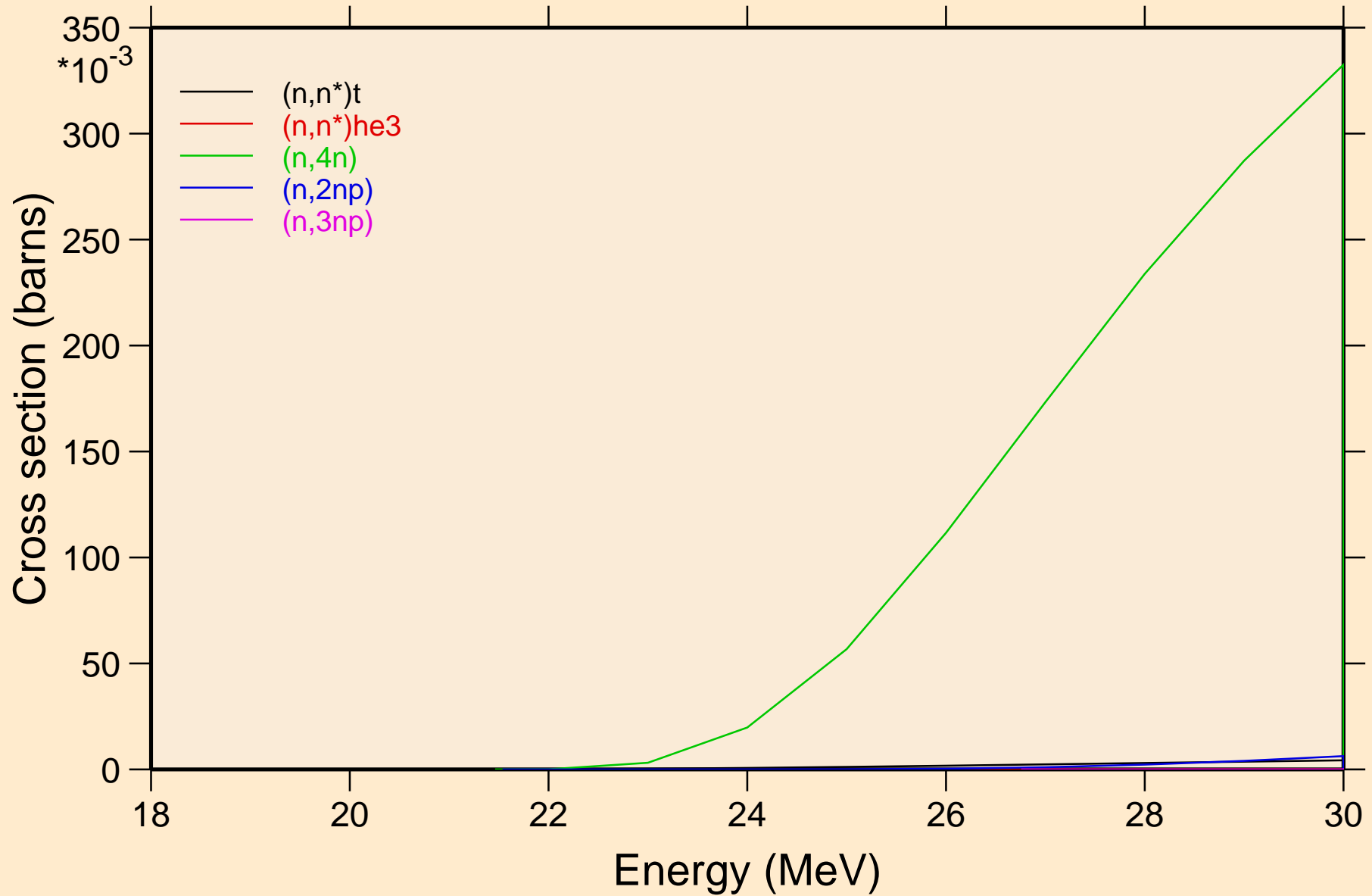
## Threshold reactions





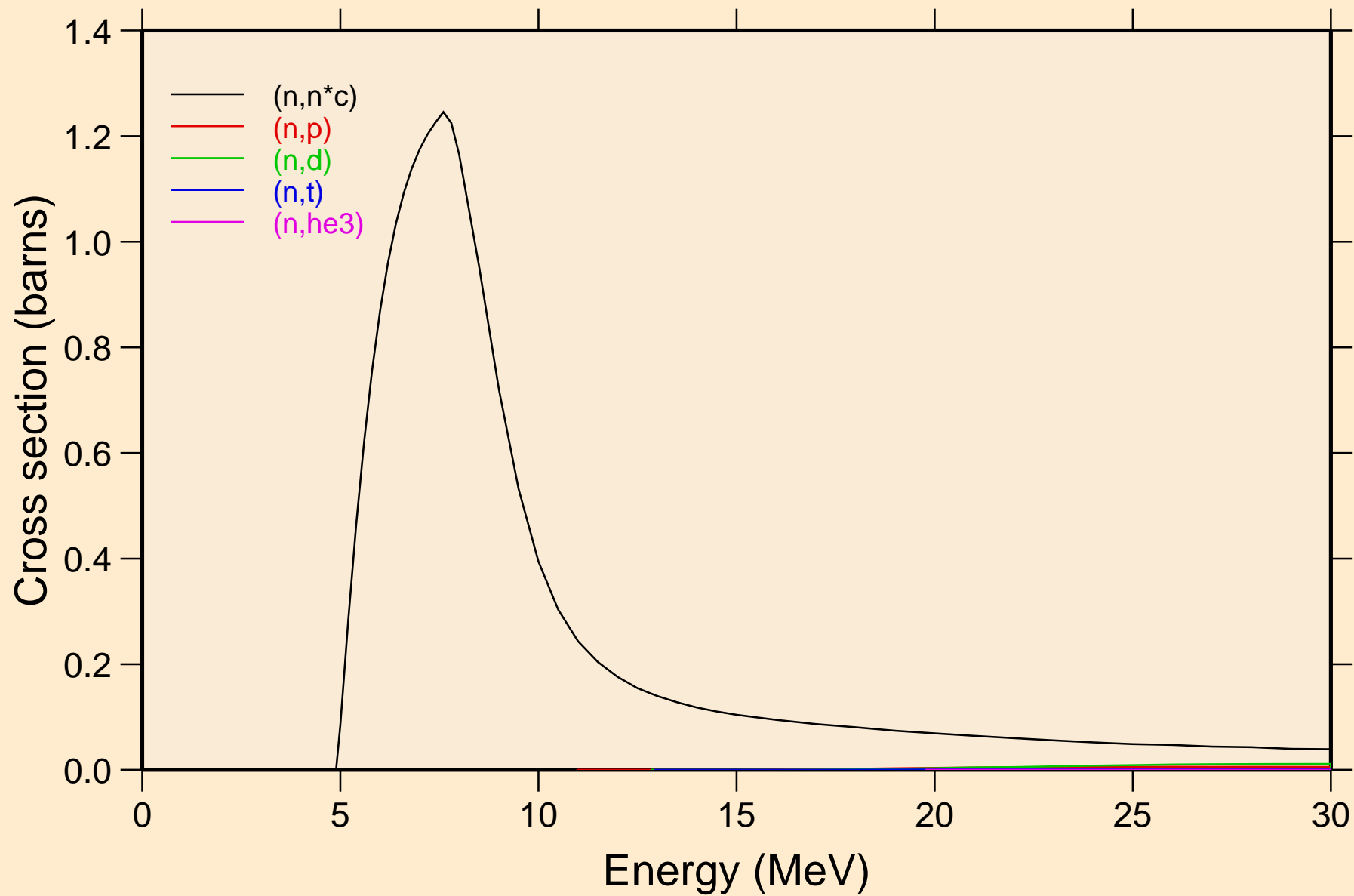
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



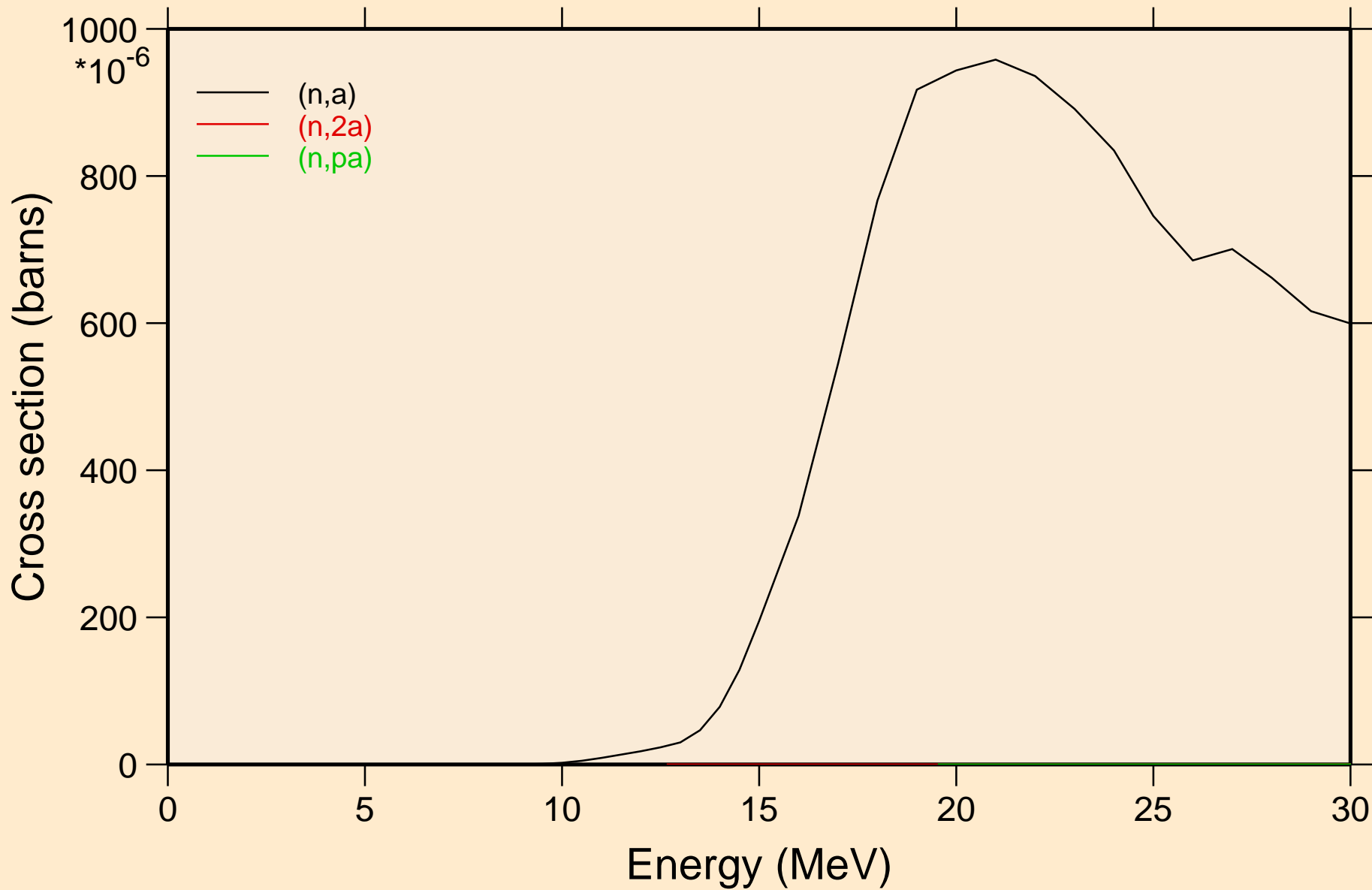
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



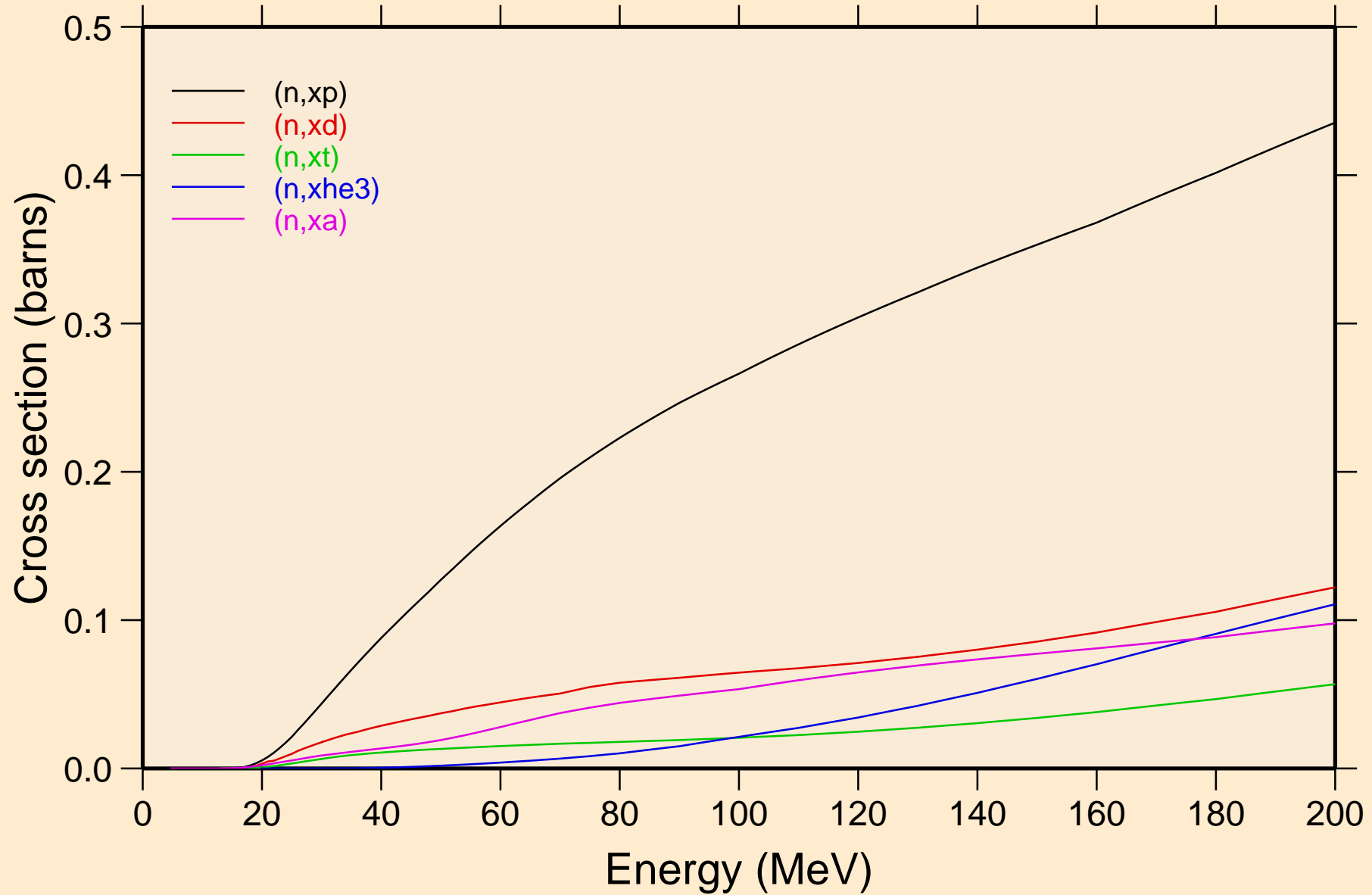
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

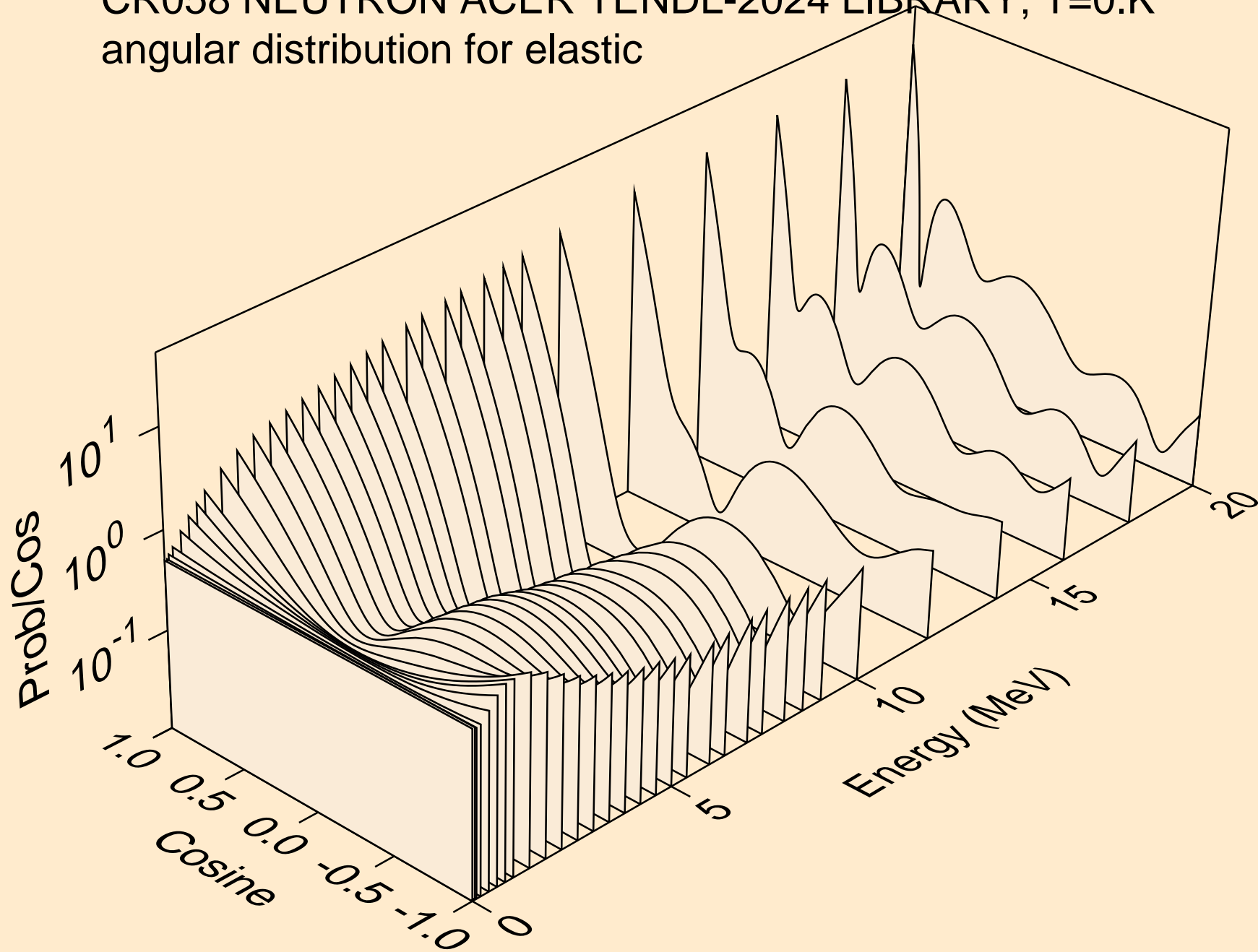


# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

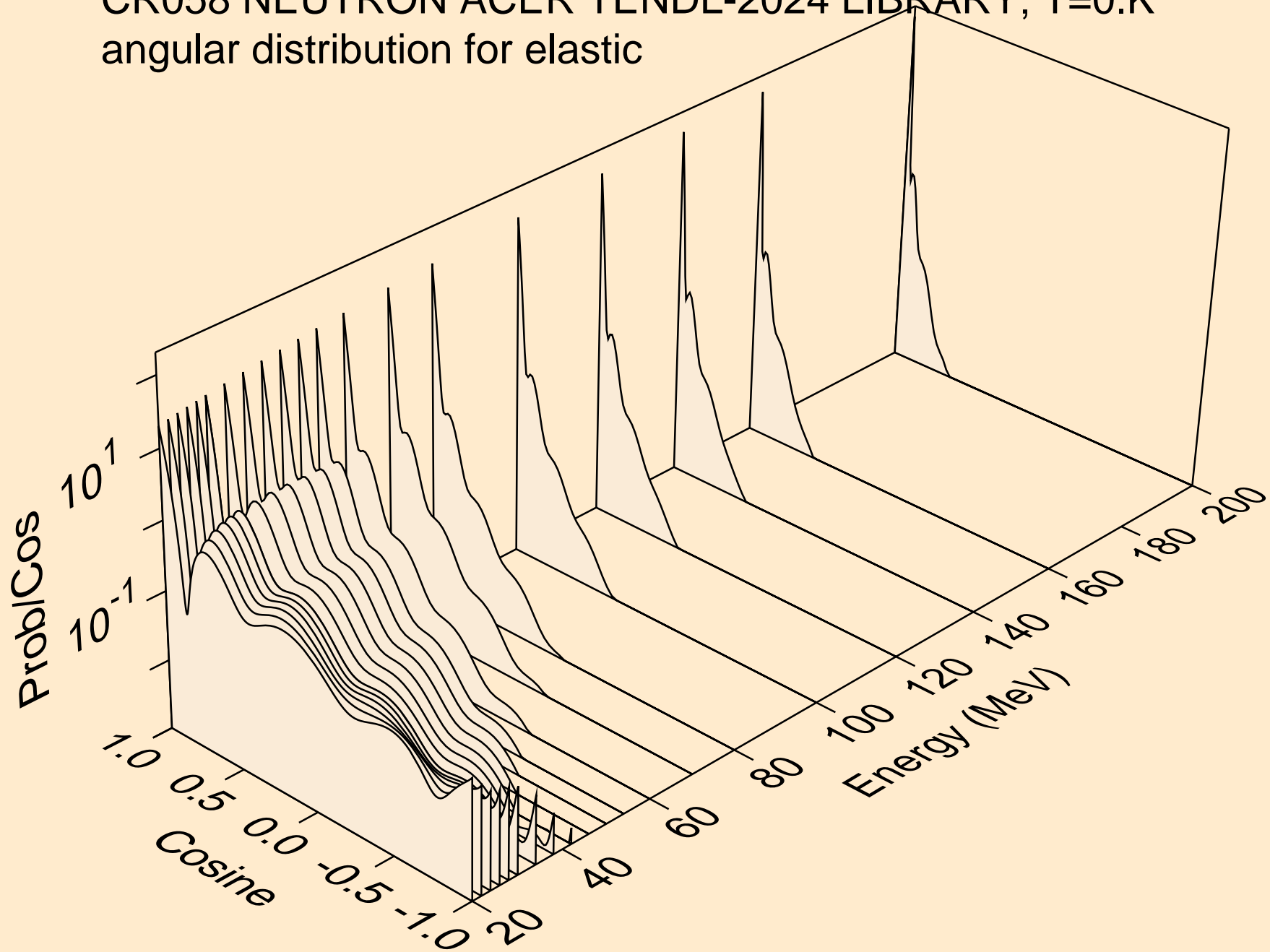
## Threshold reactions



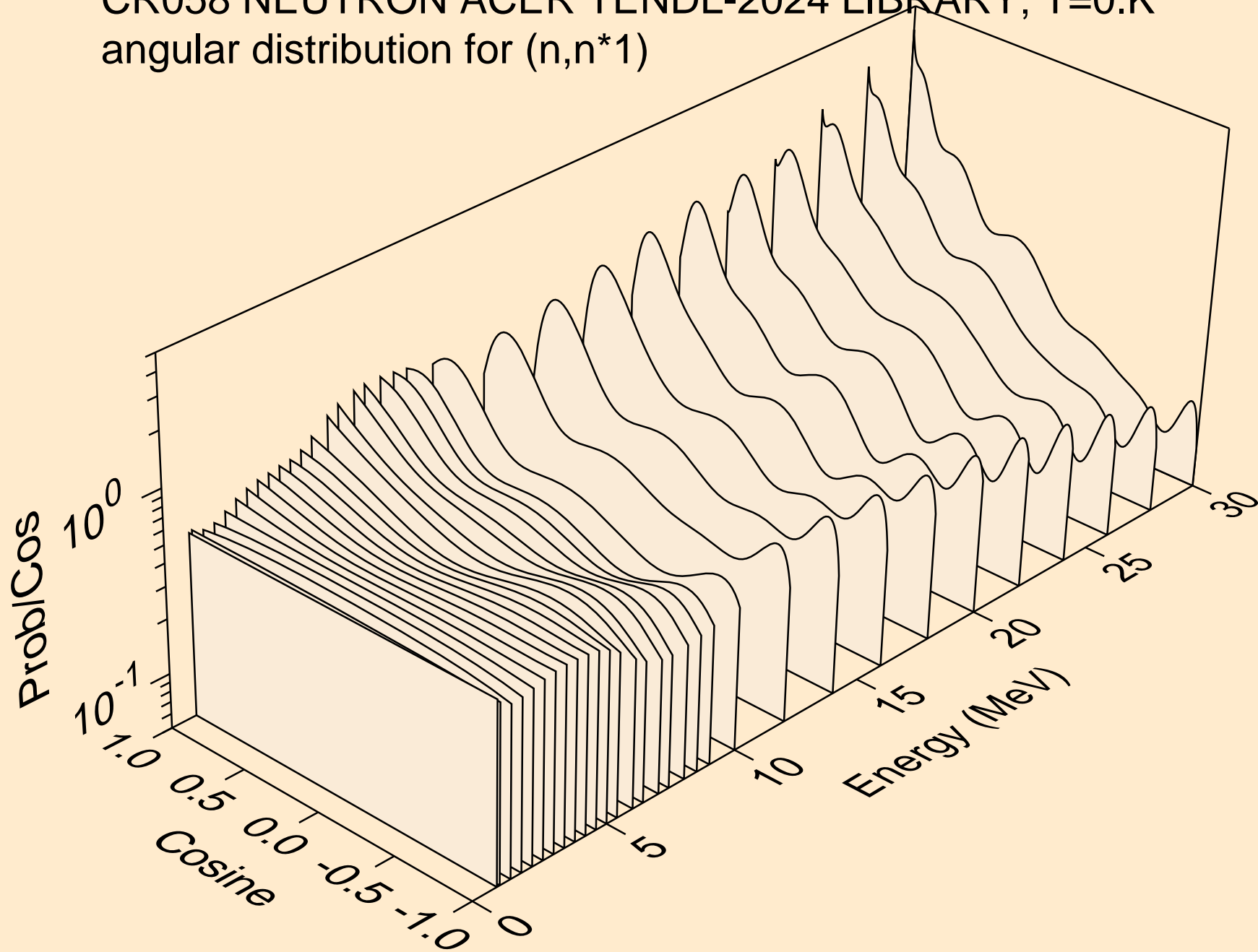
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



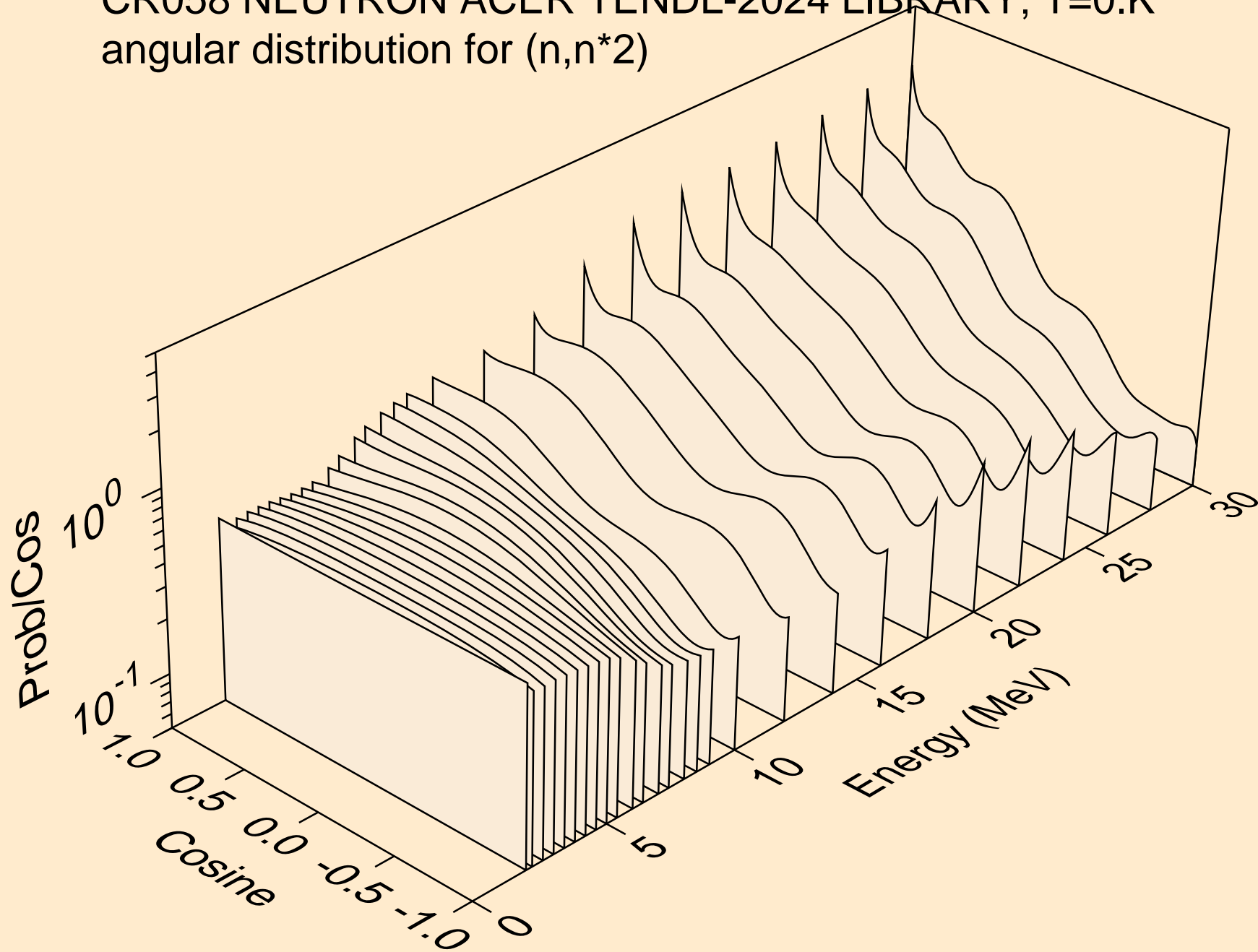
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

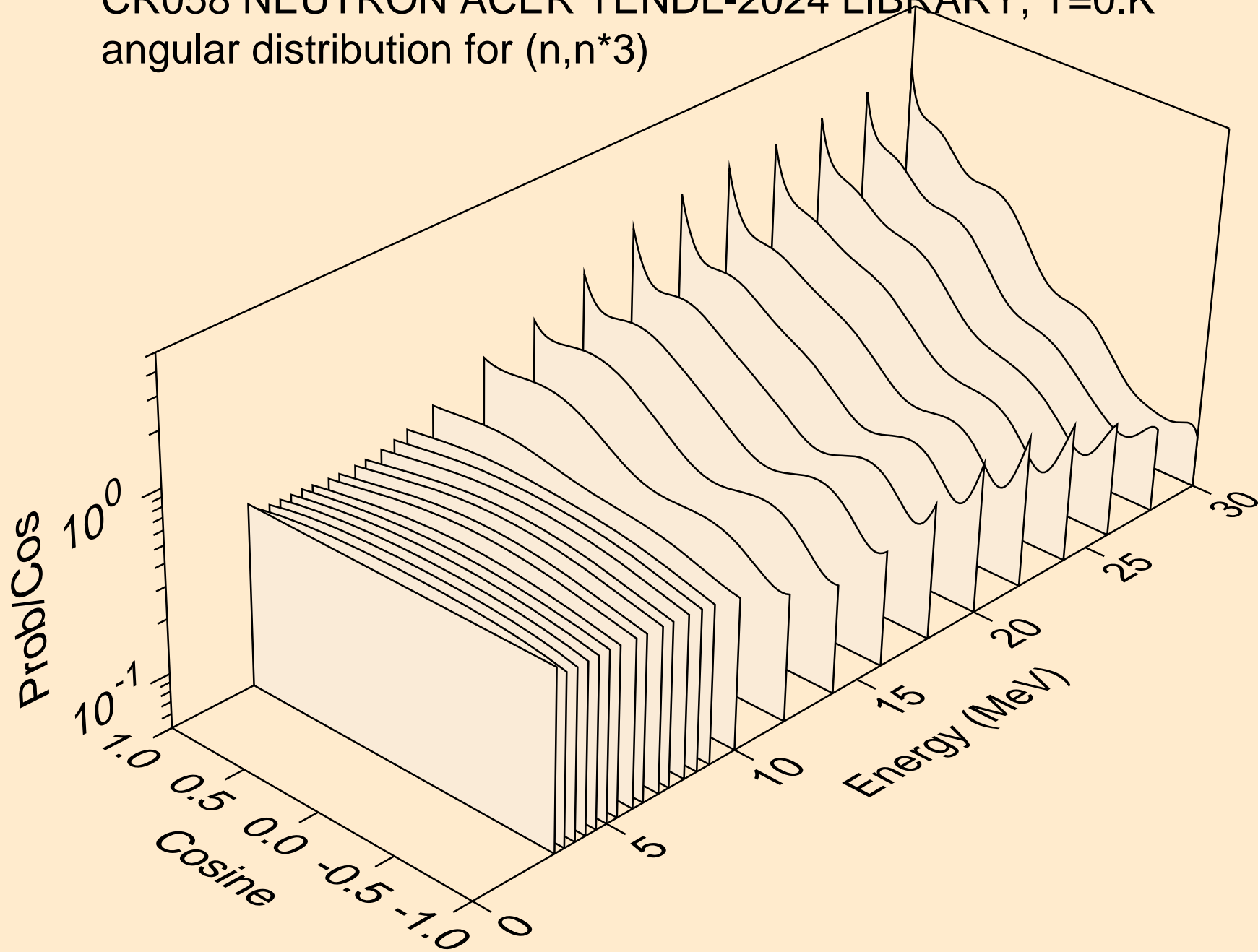


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

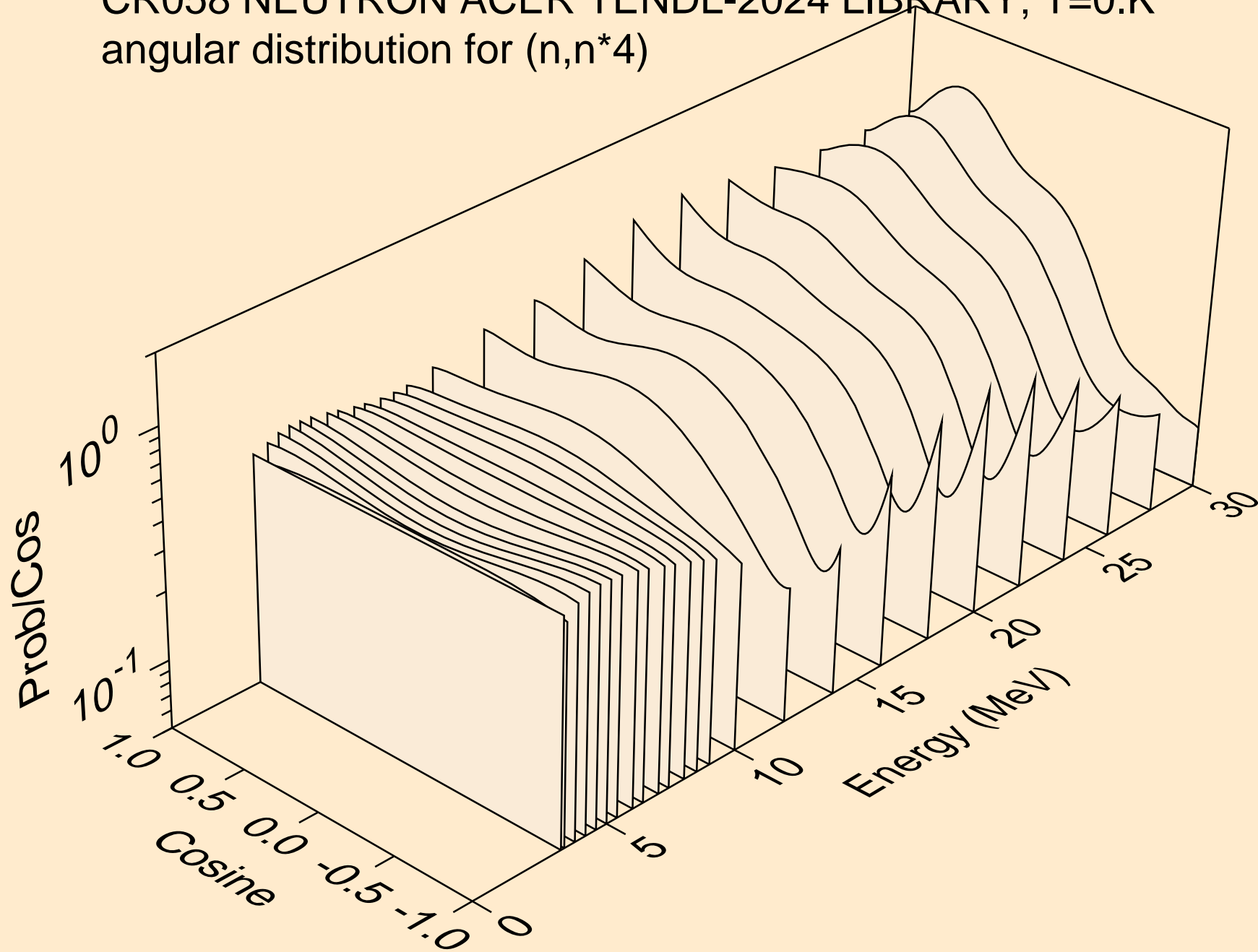




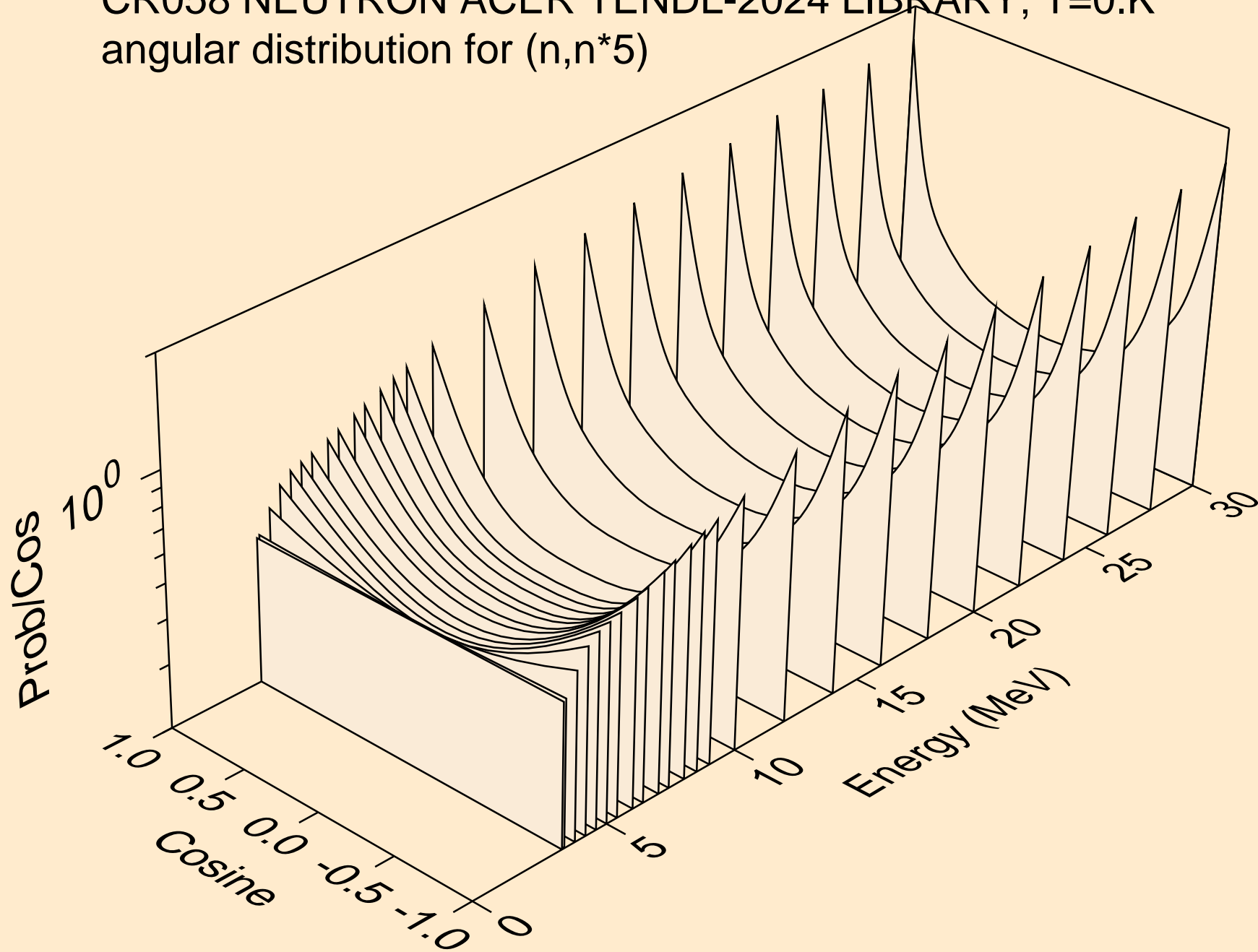
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



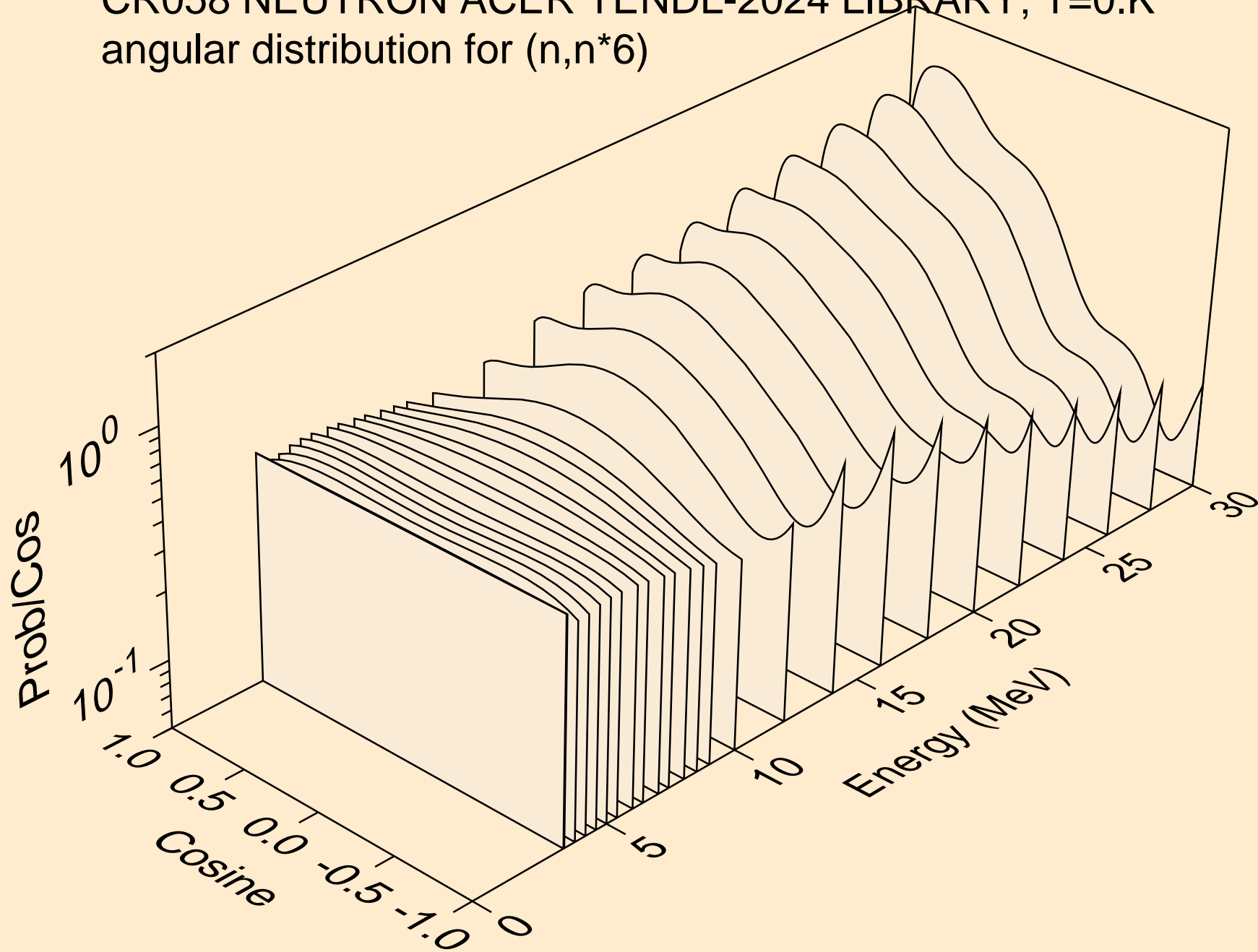
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



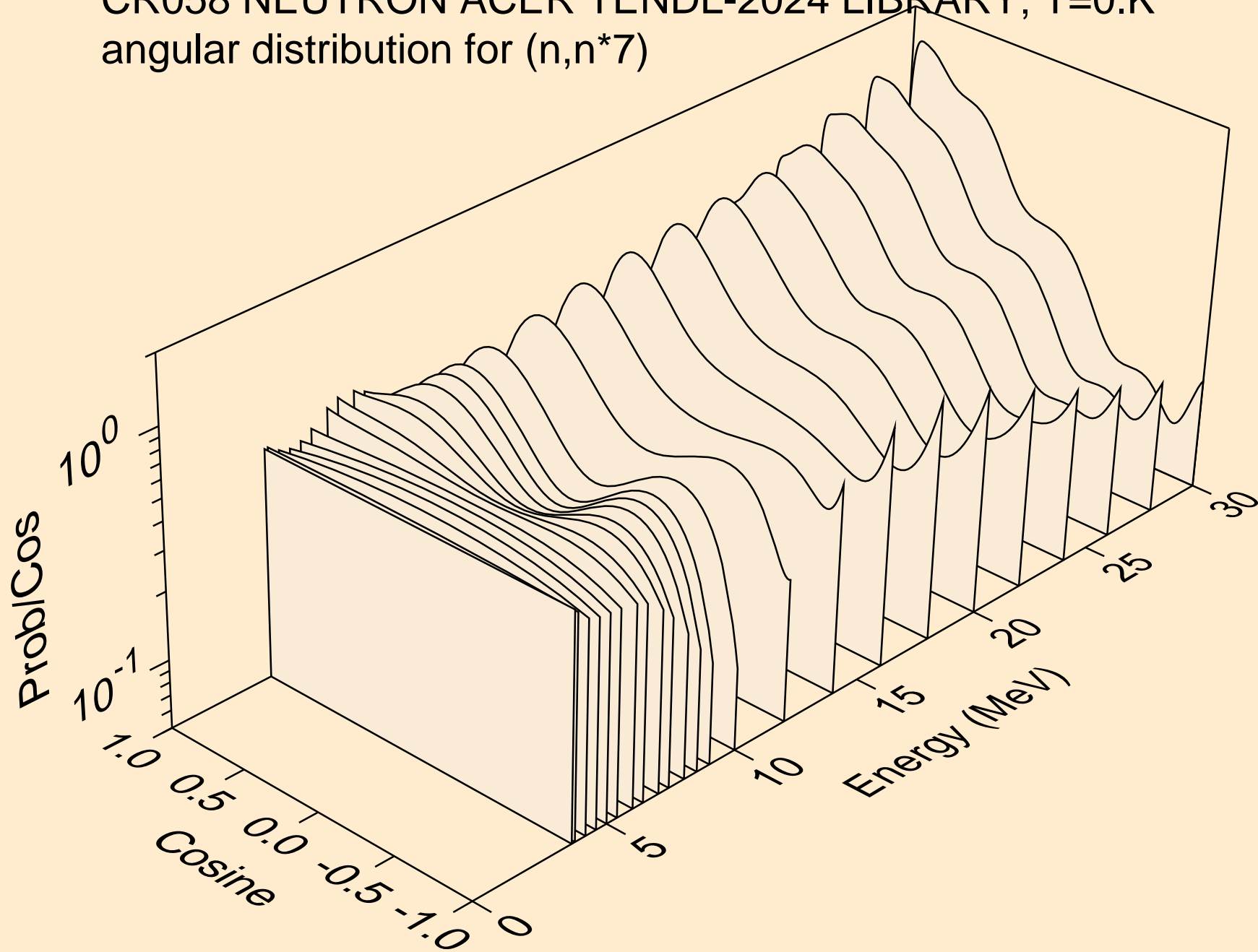
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



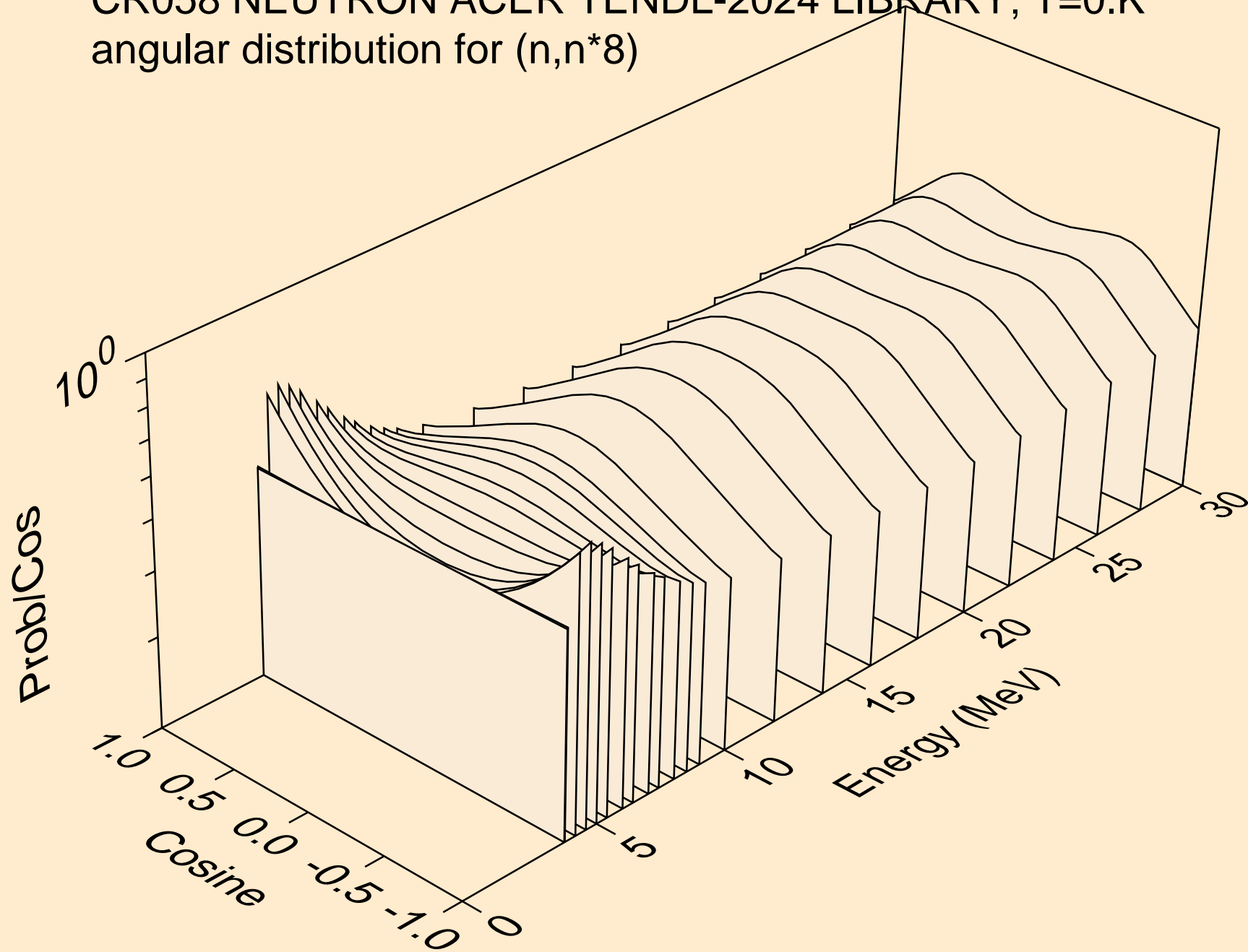
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



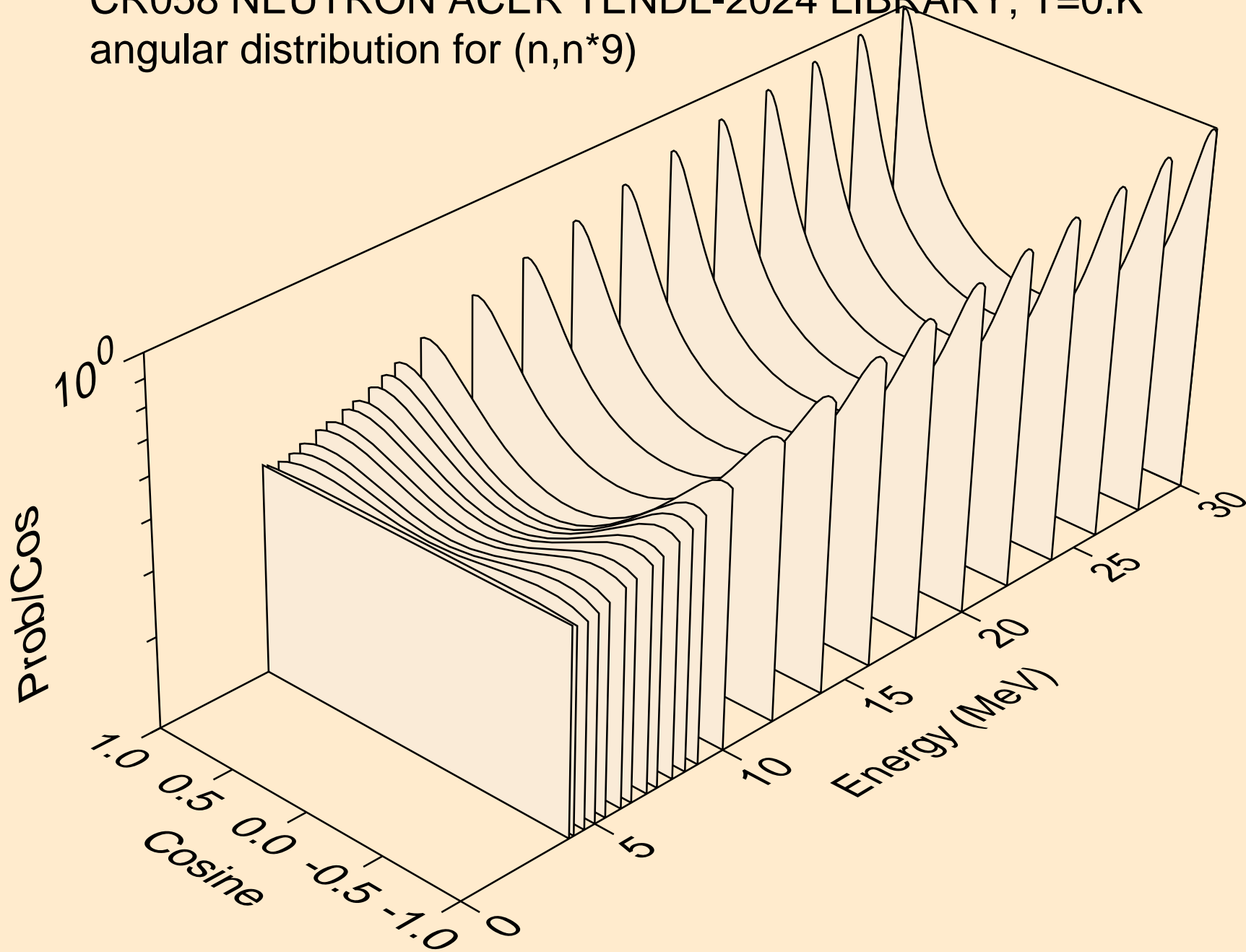
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



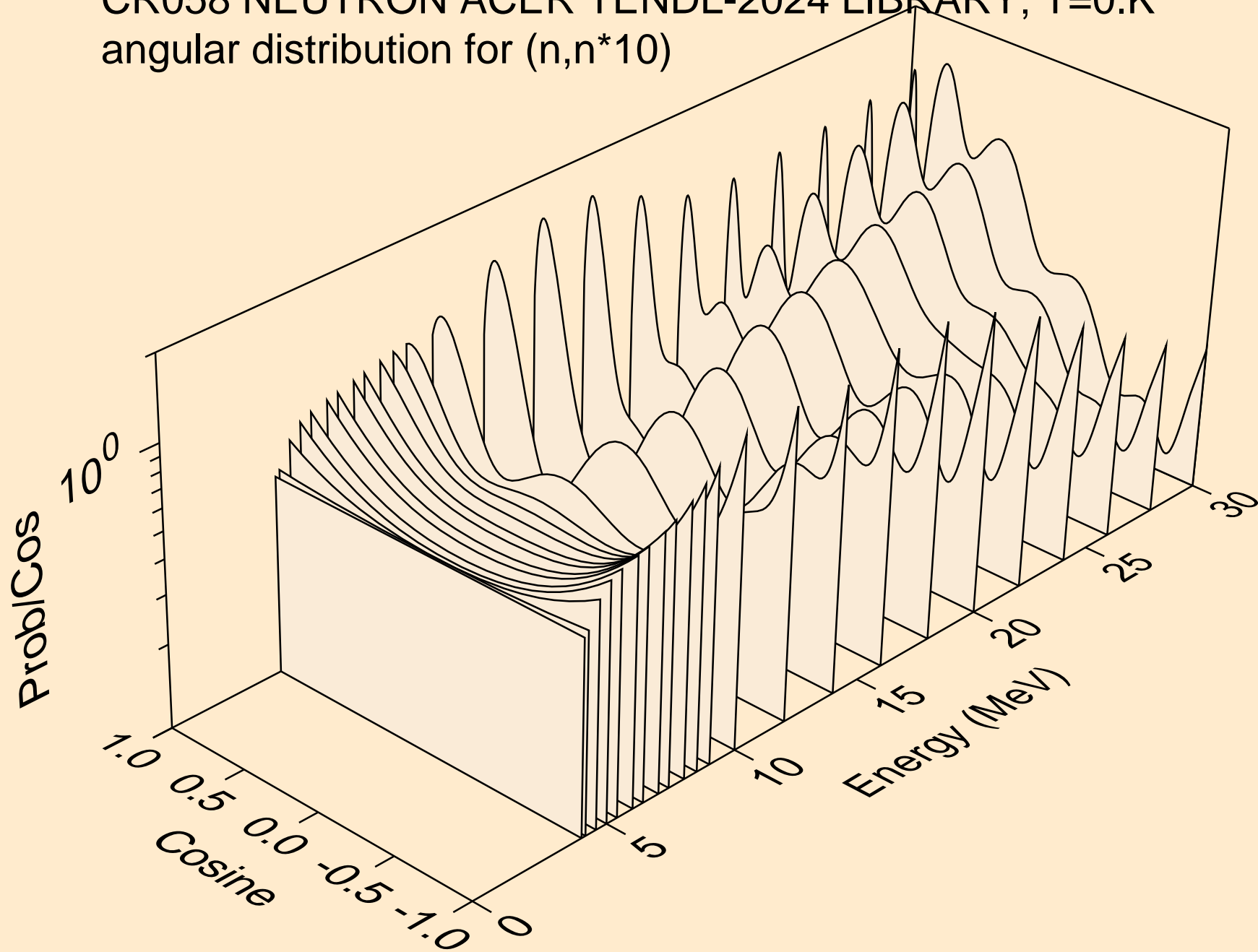
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

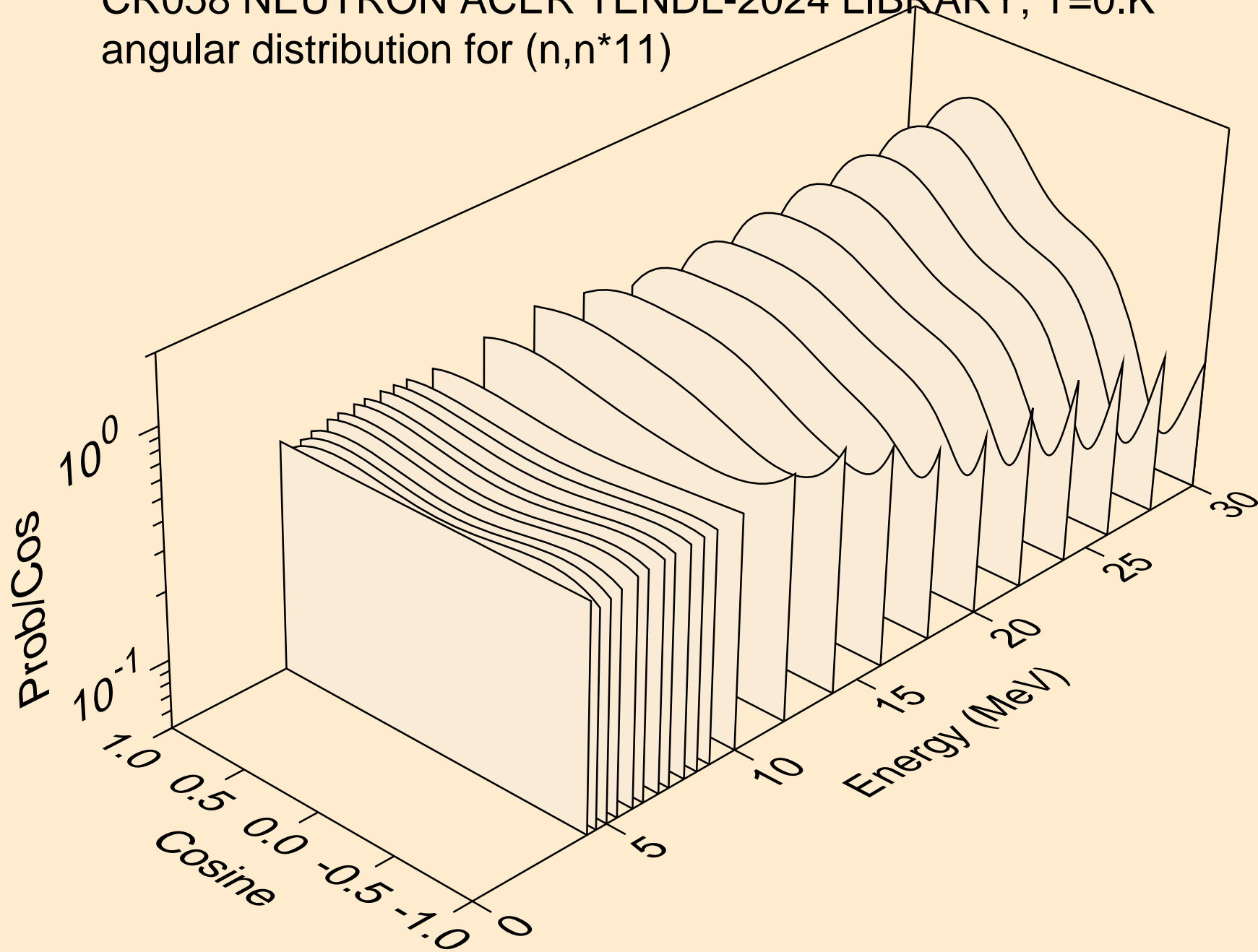


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

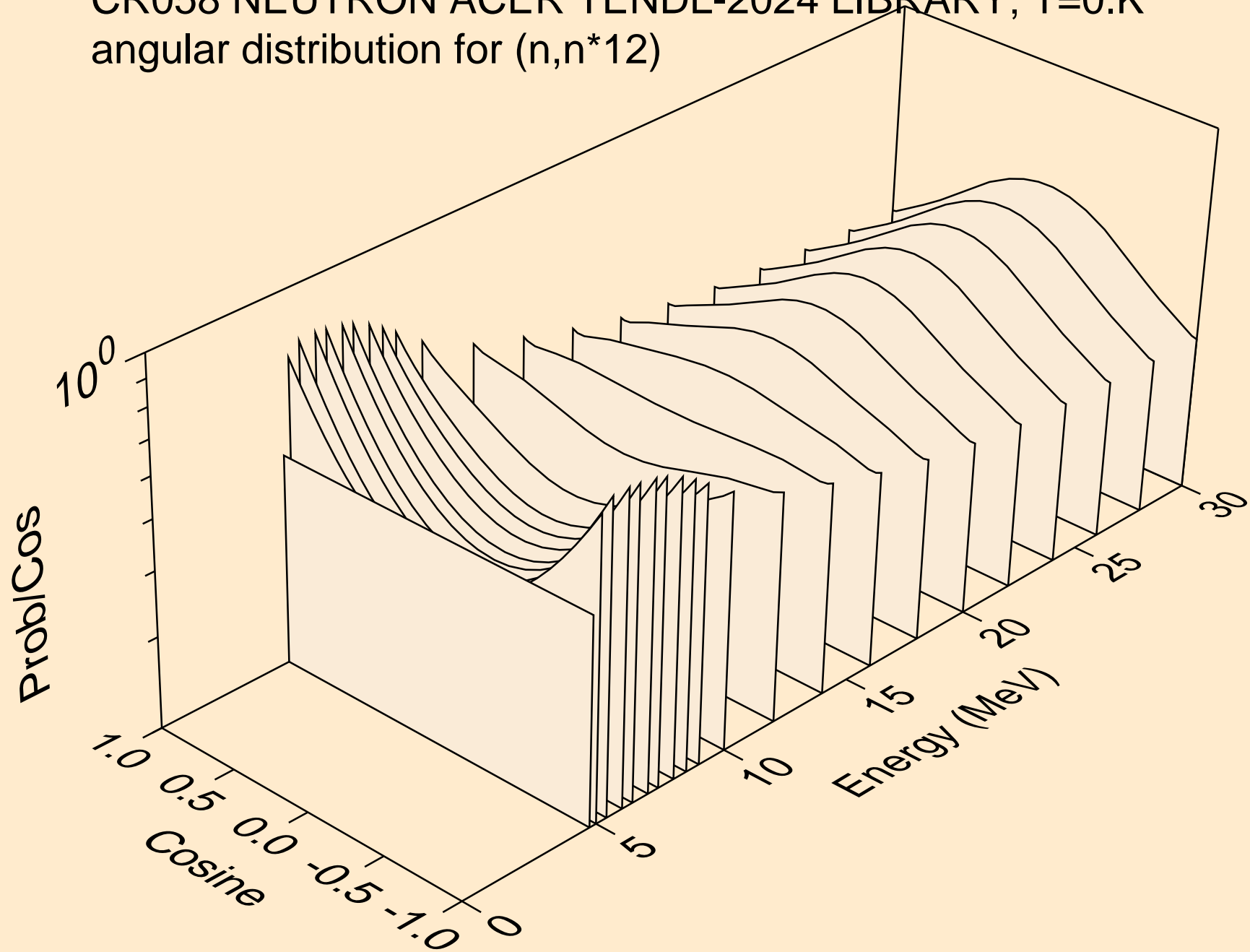




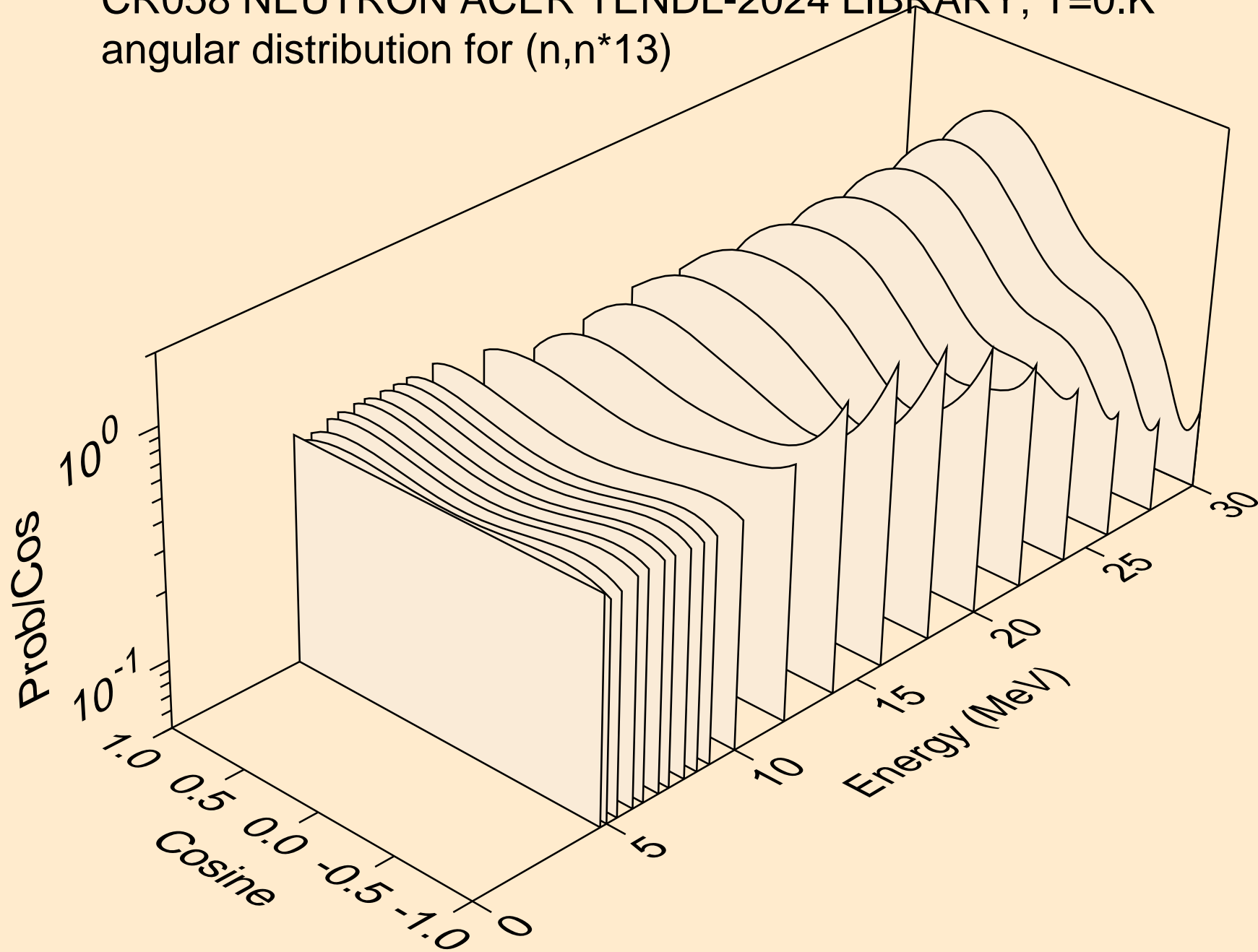
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



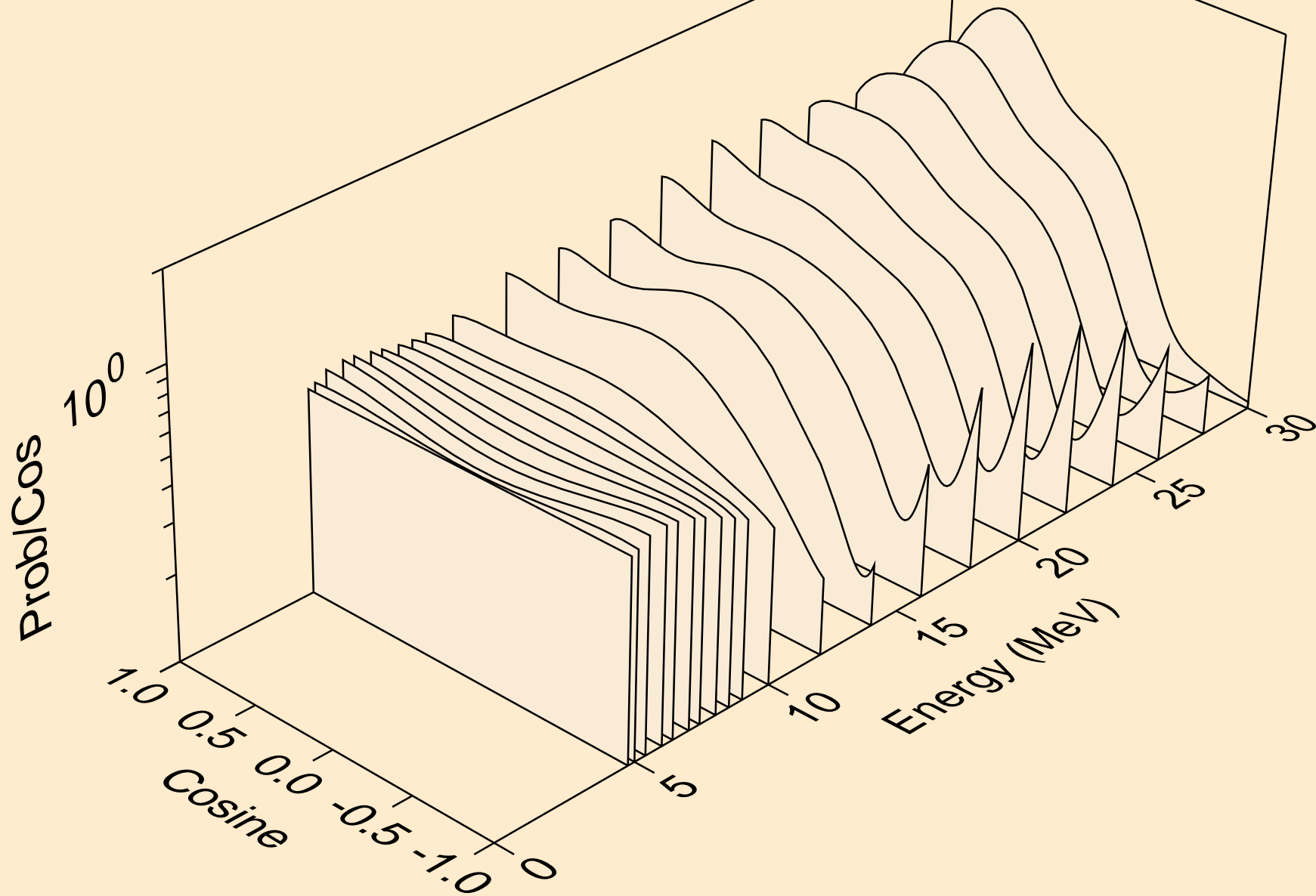
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



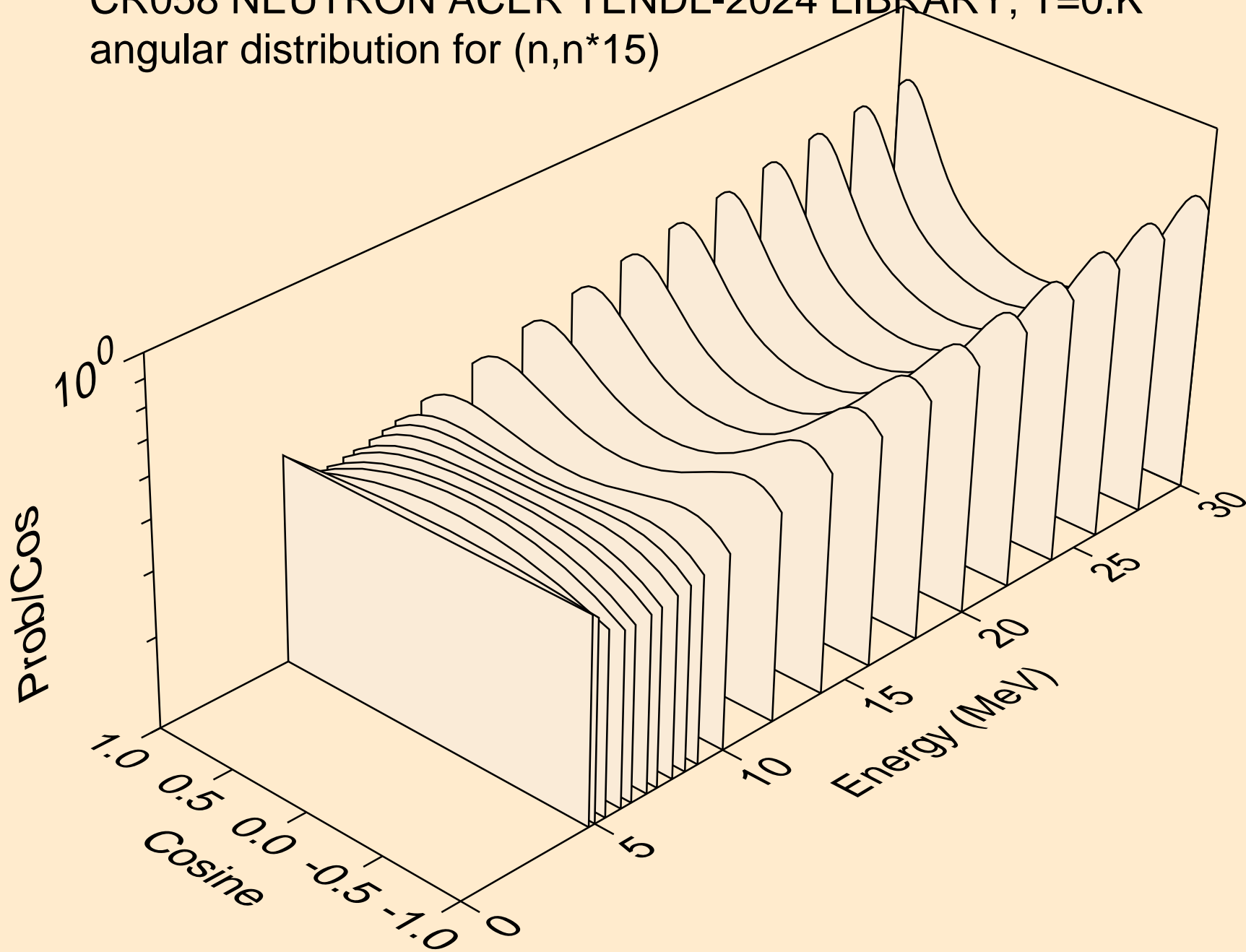
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



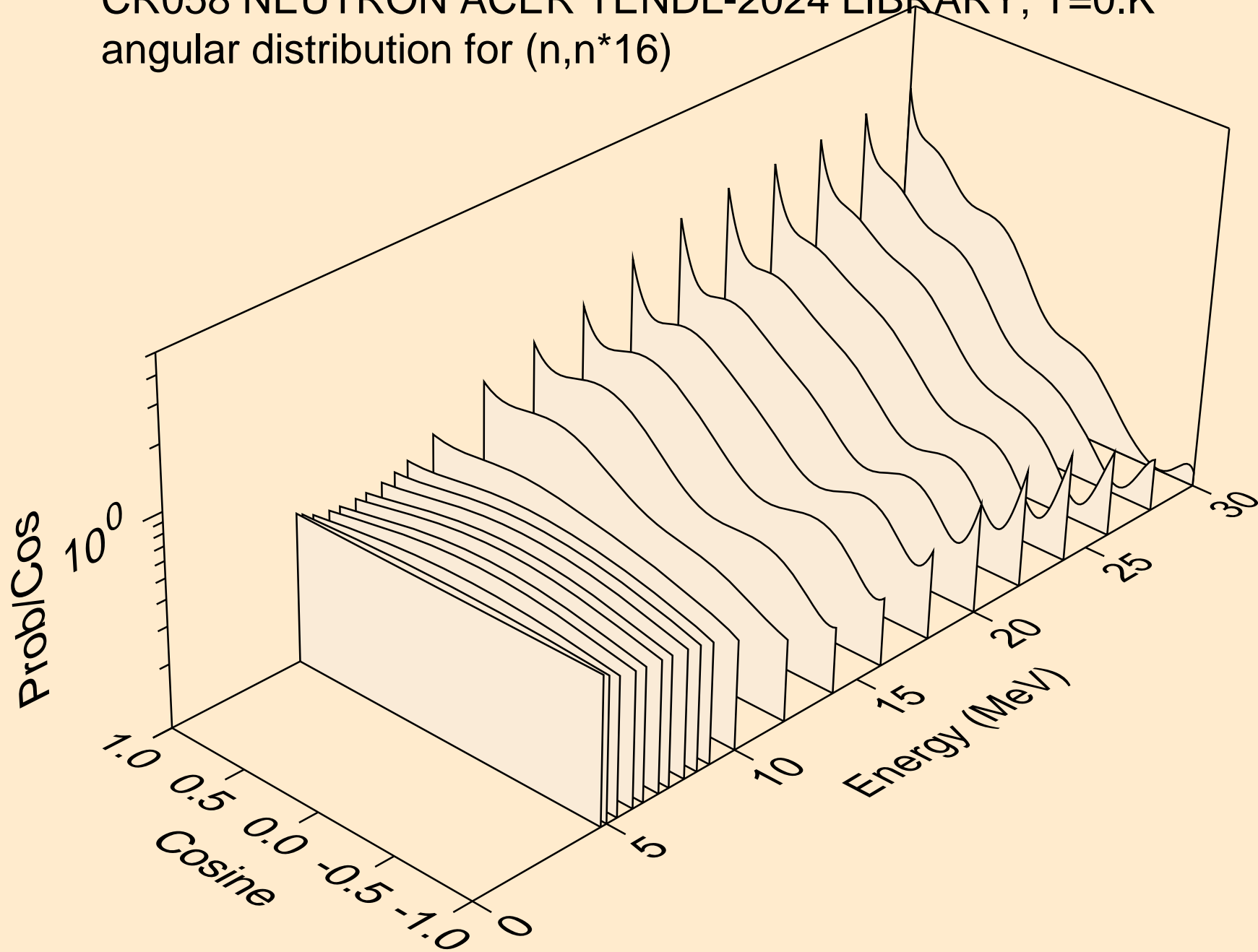
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angular distribution for (n,n\*14)



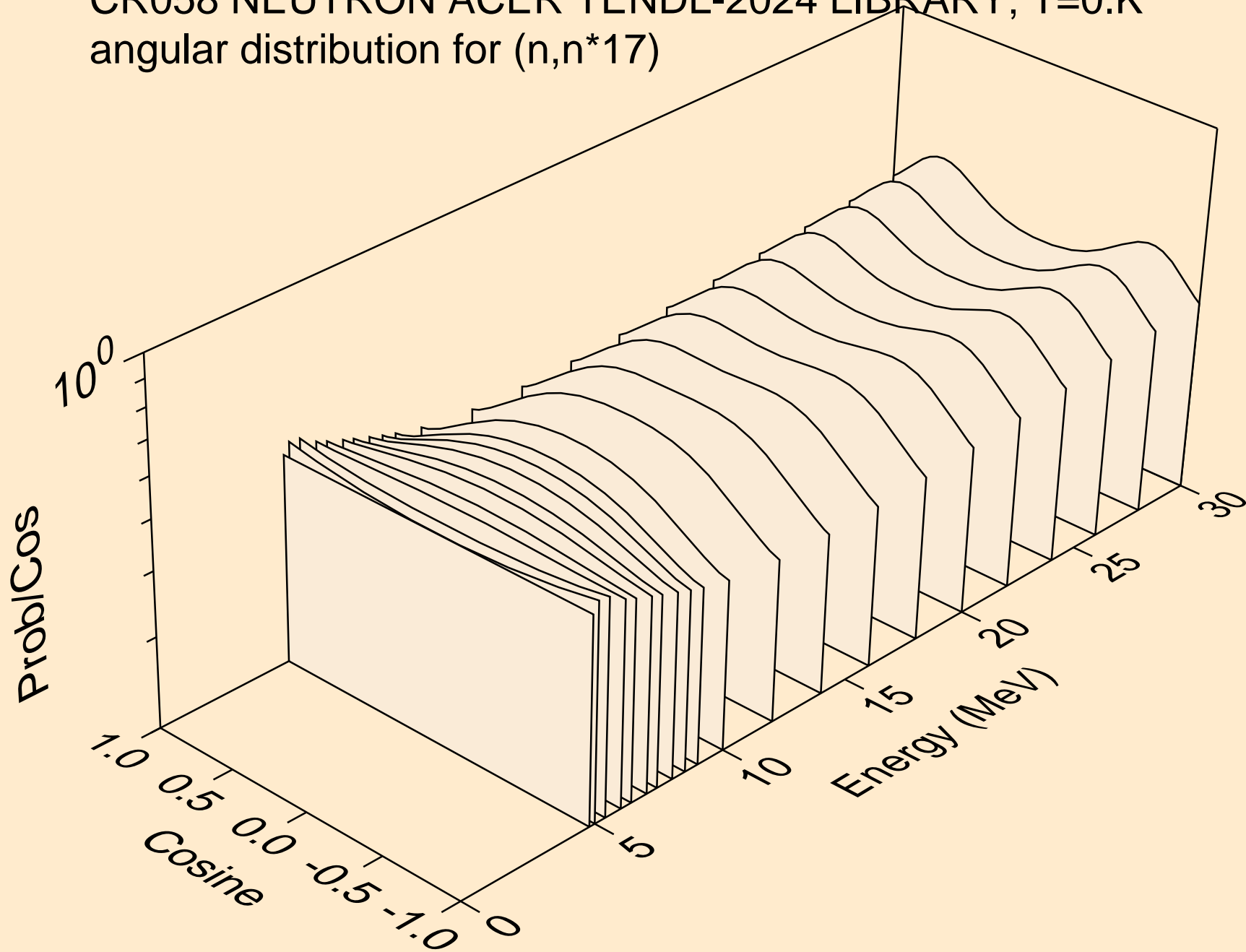
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angular distribution for (n,n\*15)



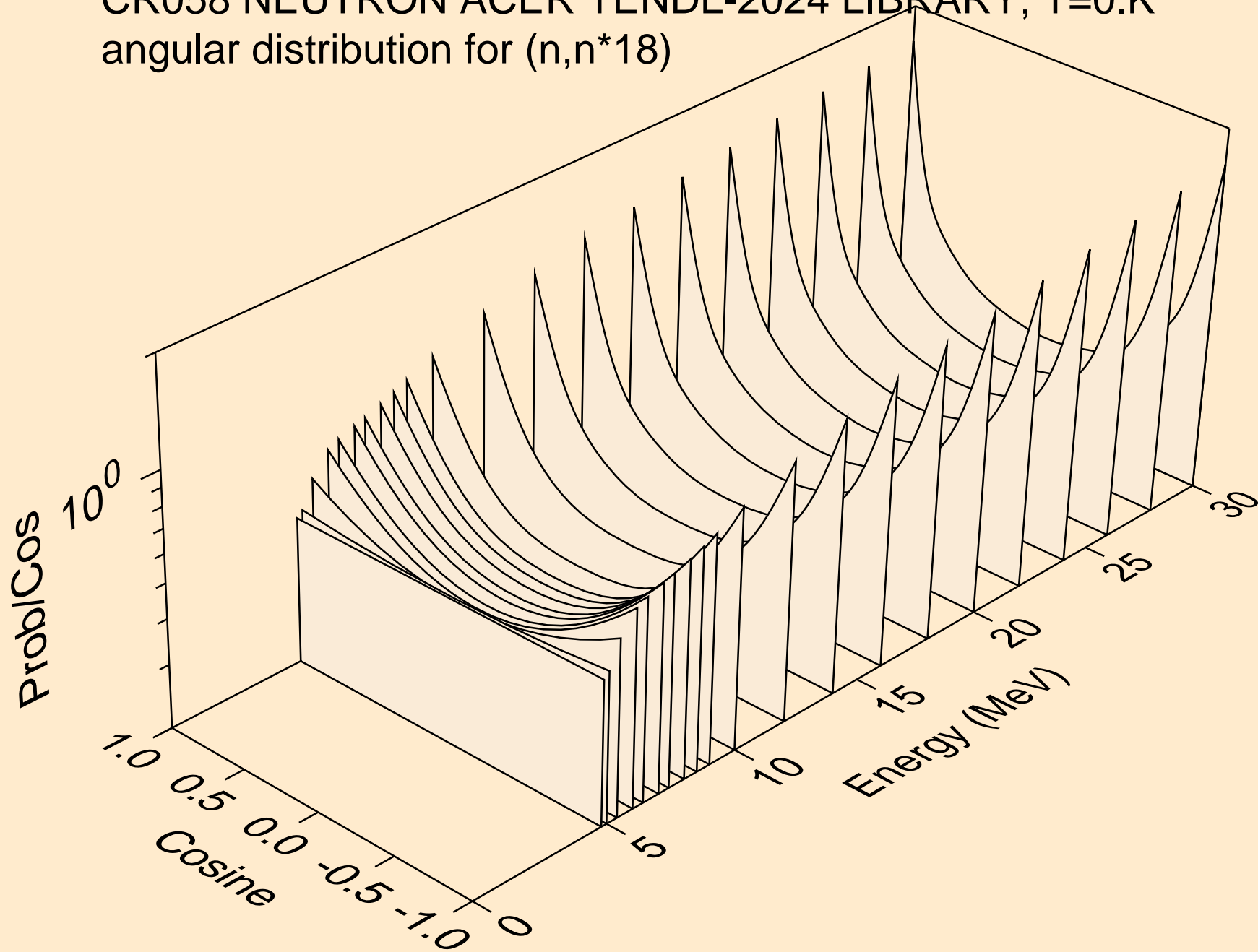
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

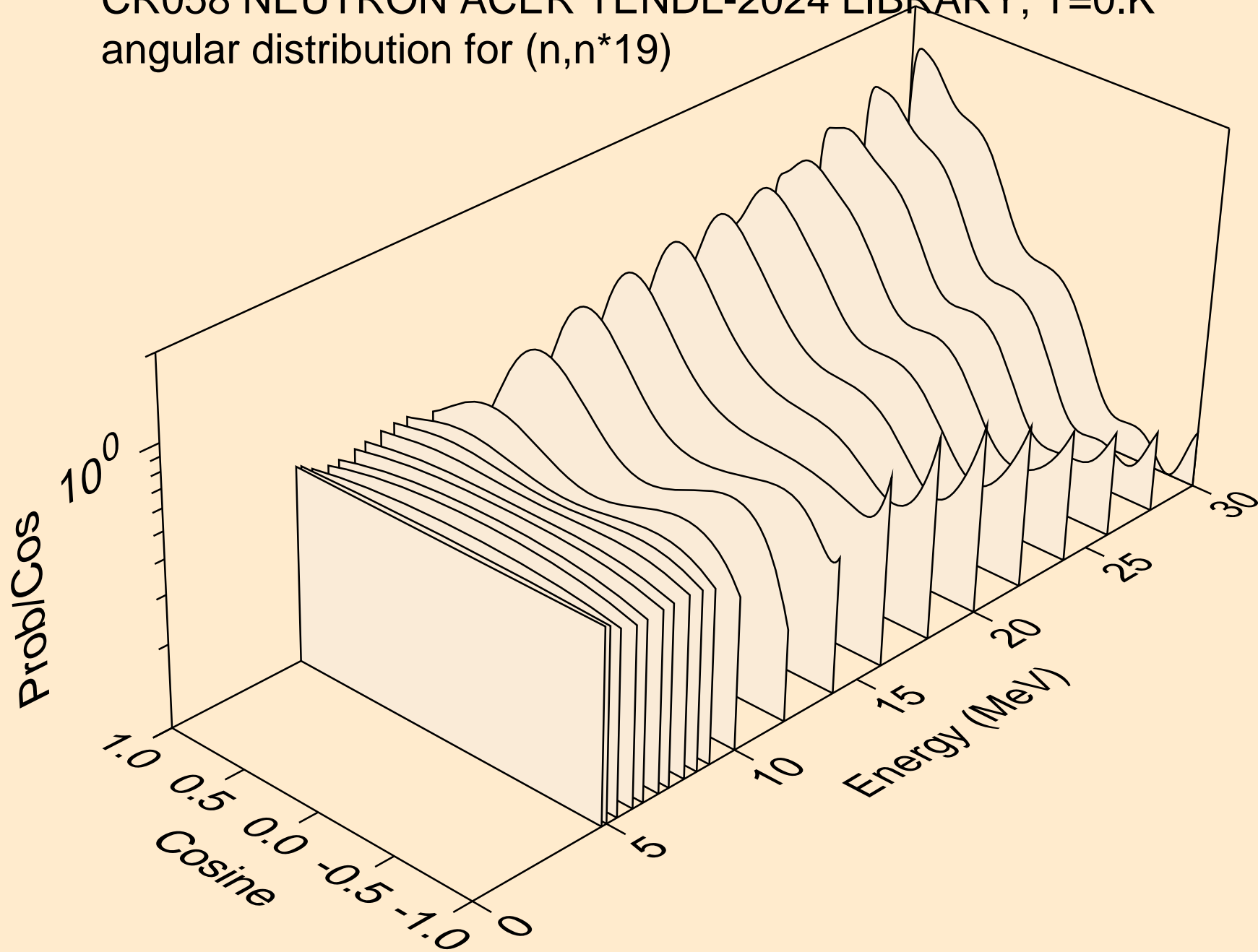


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

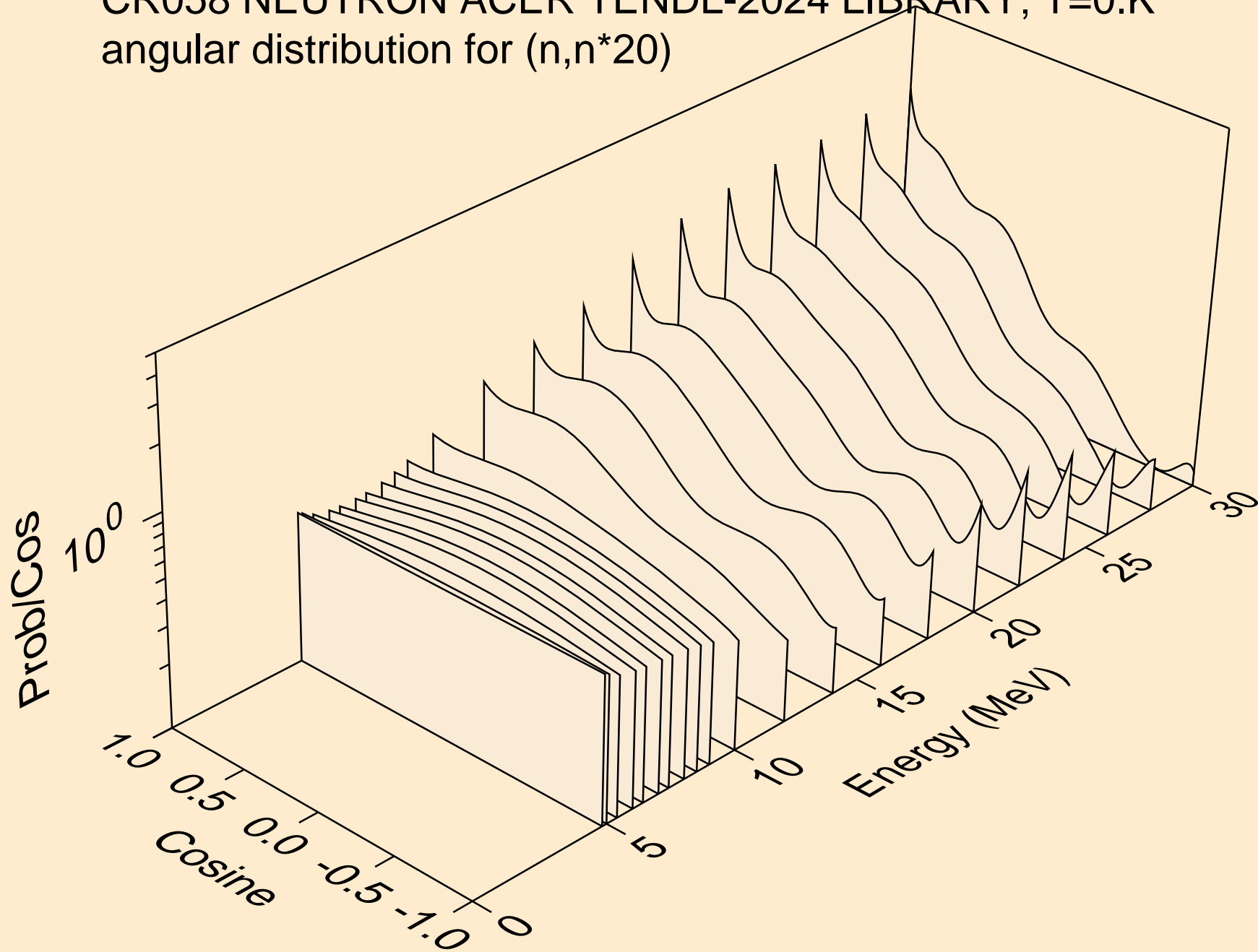




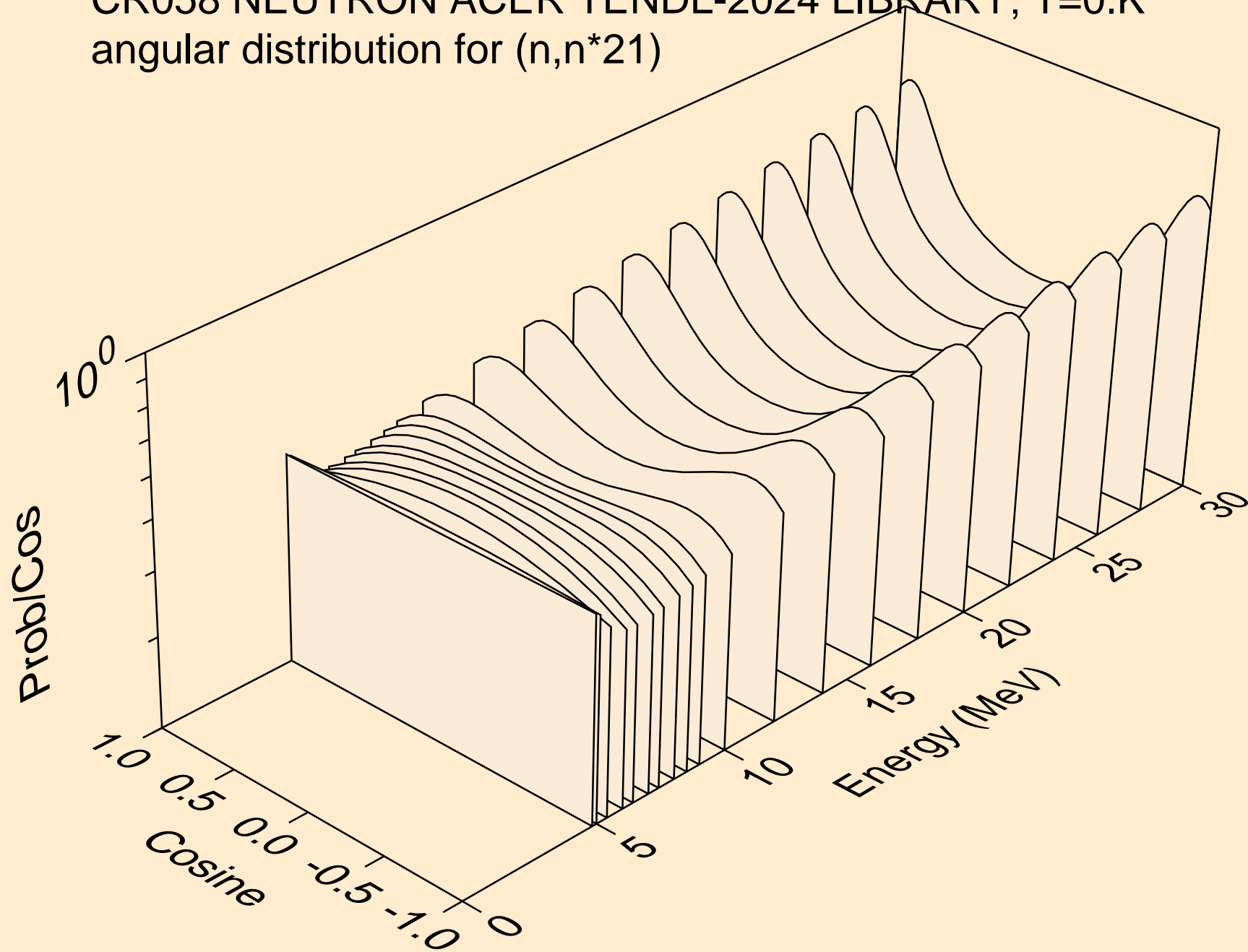
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



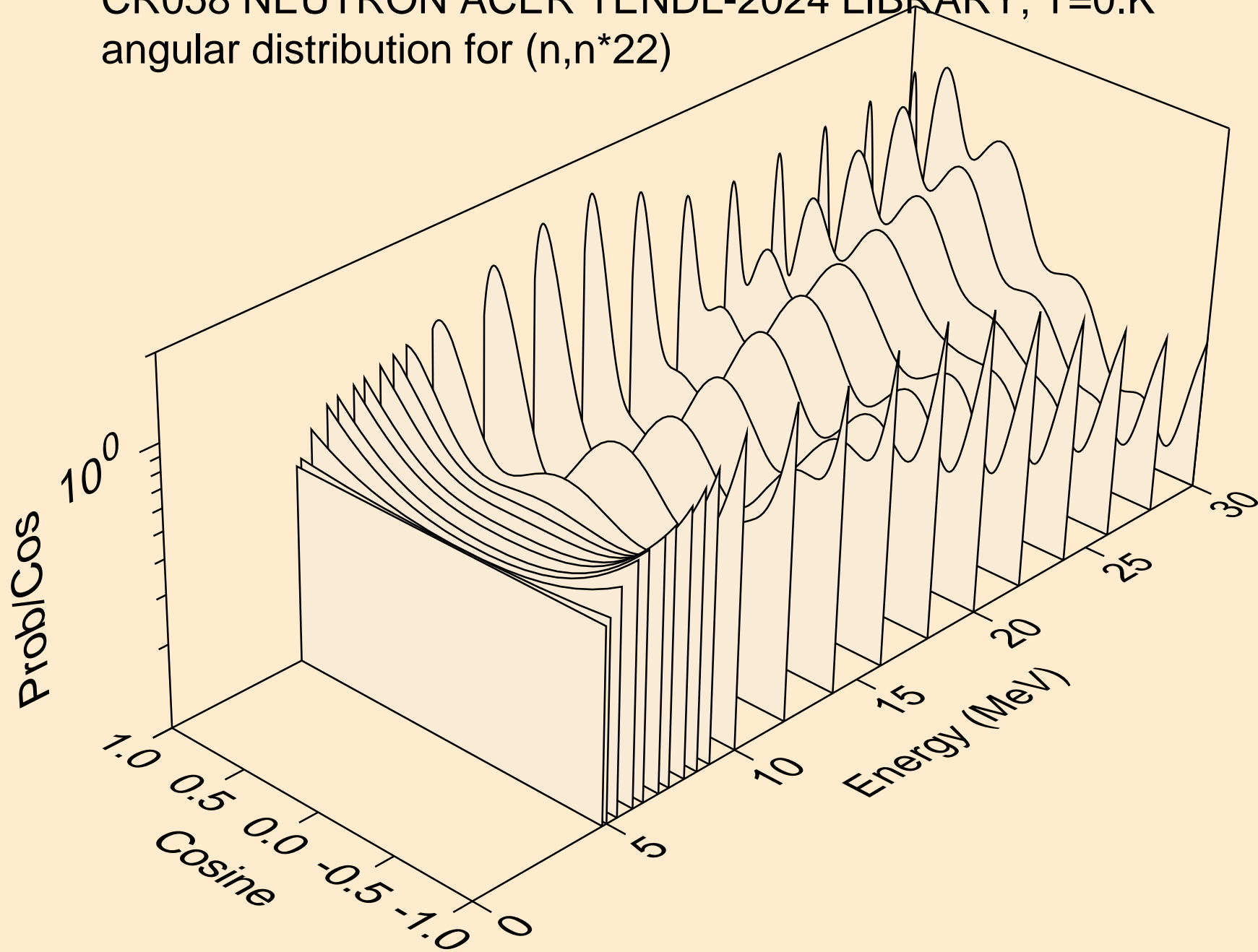
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



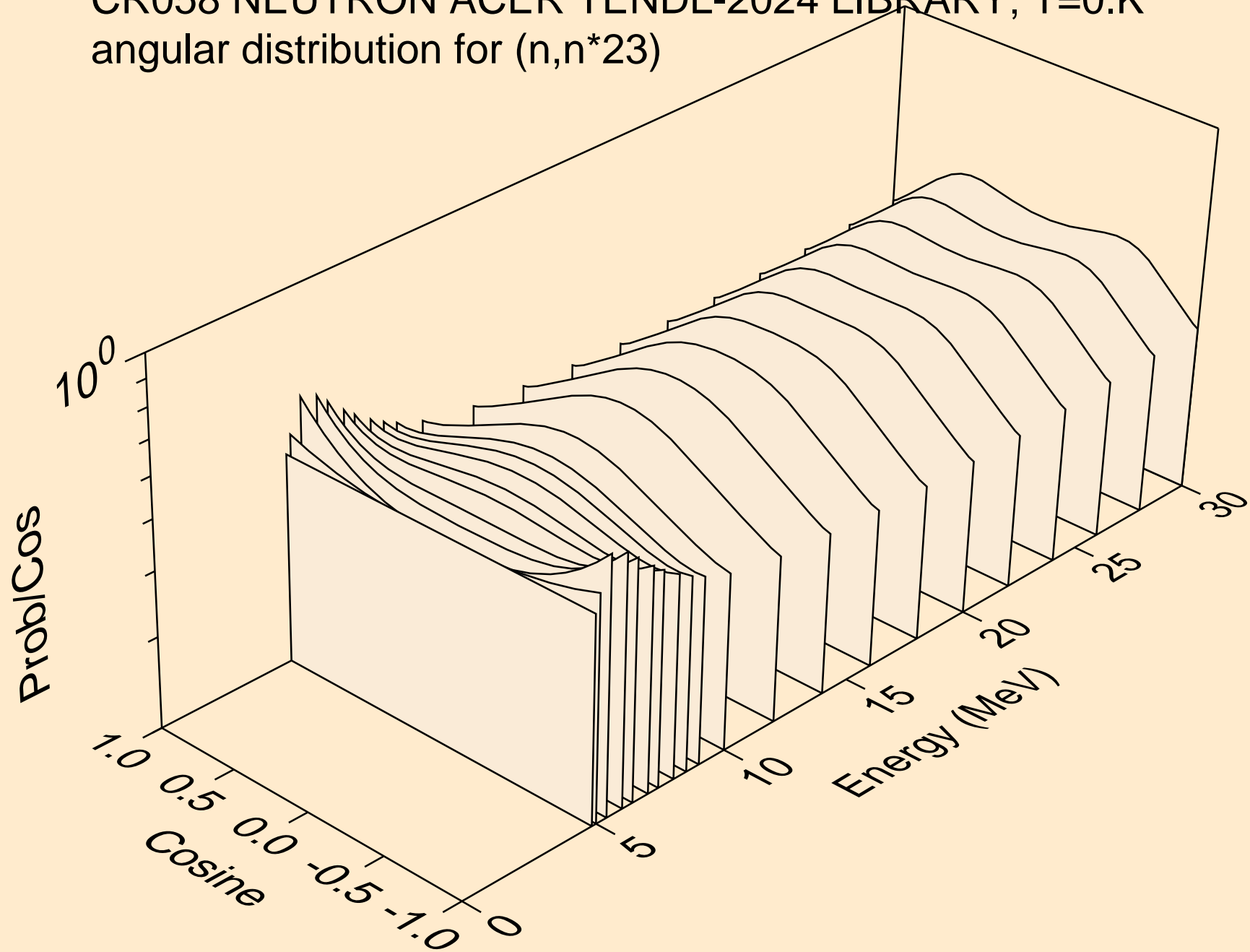
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



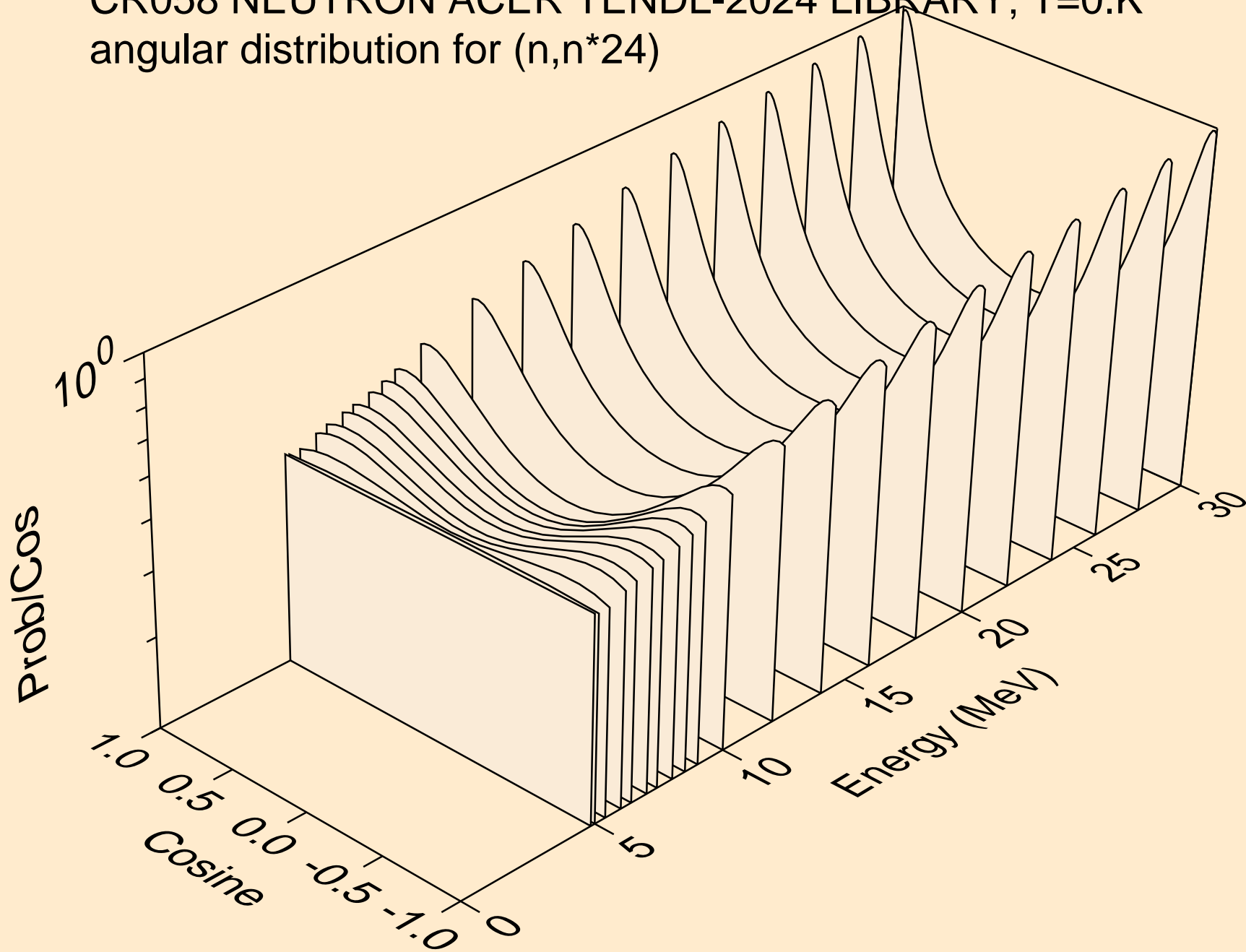
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



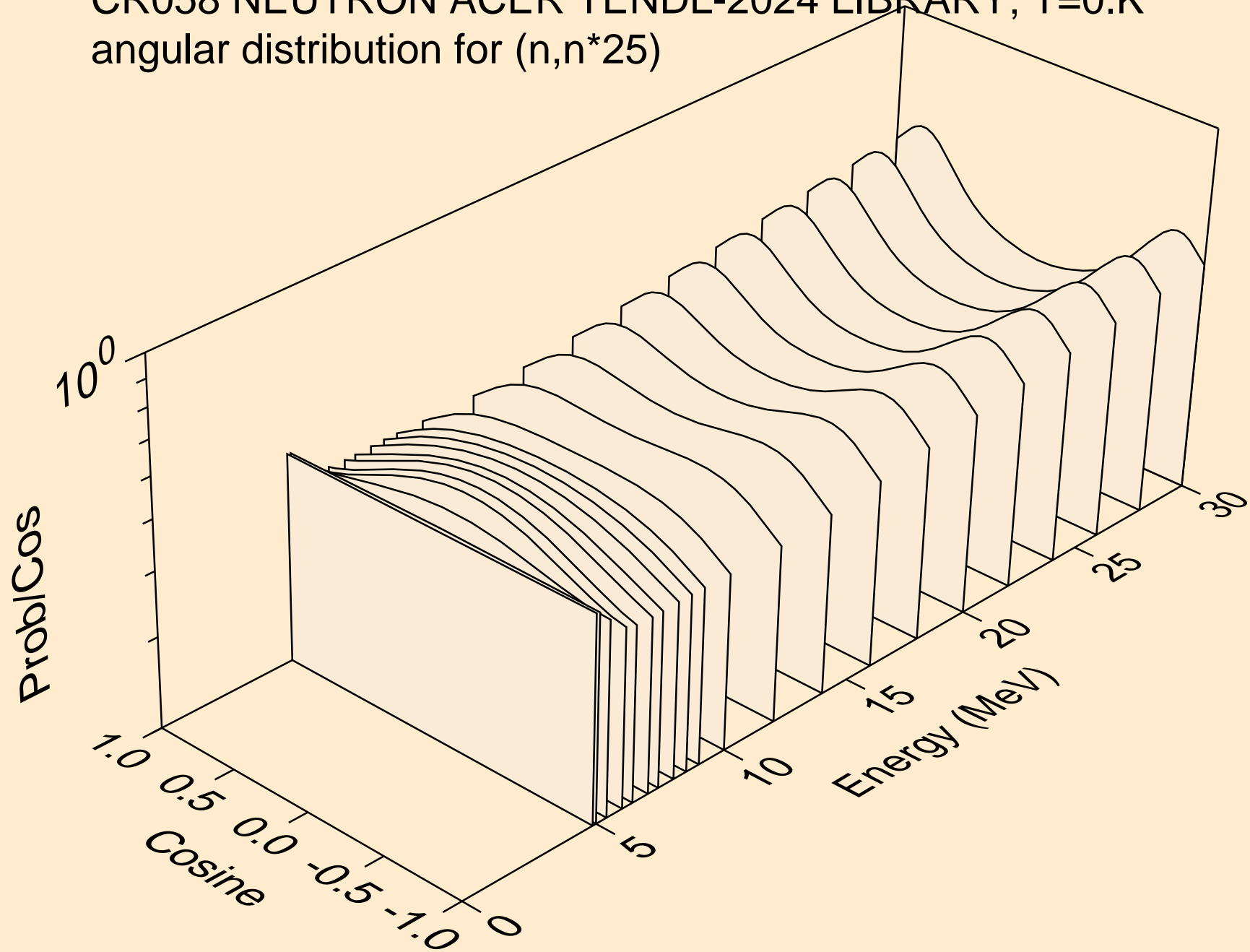
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



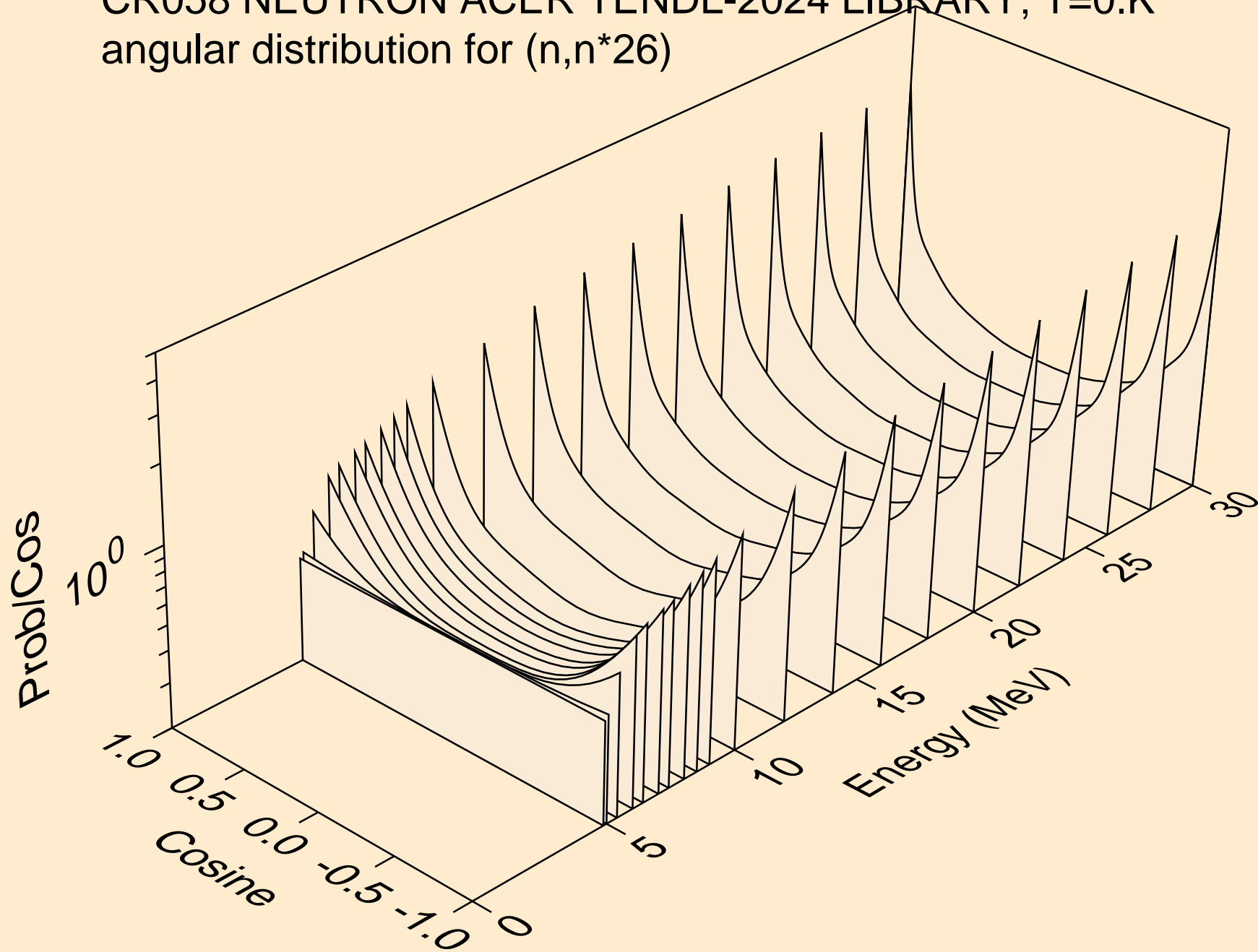
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

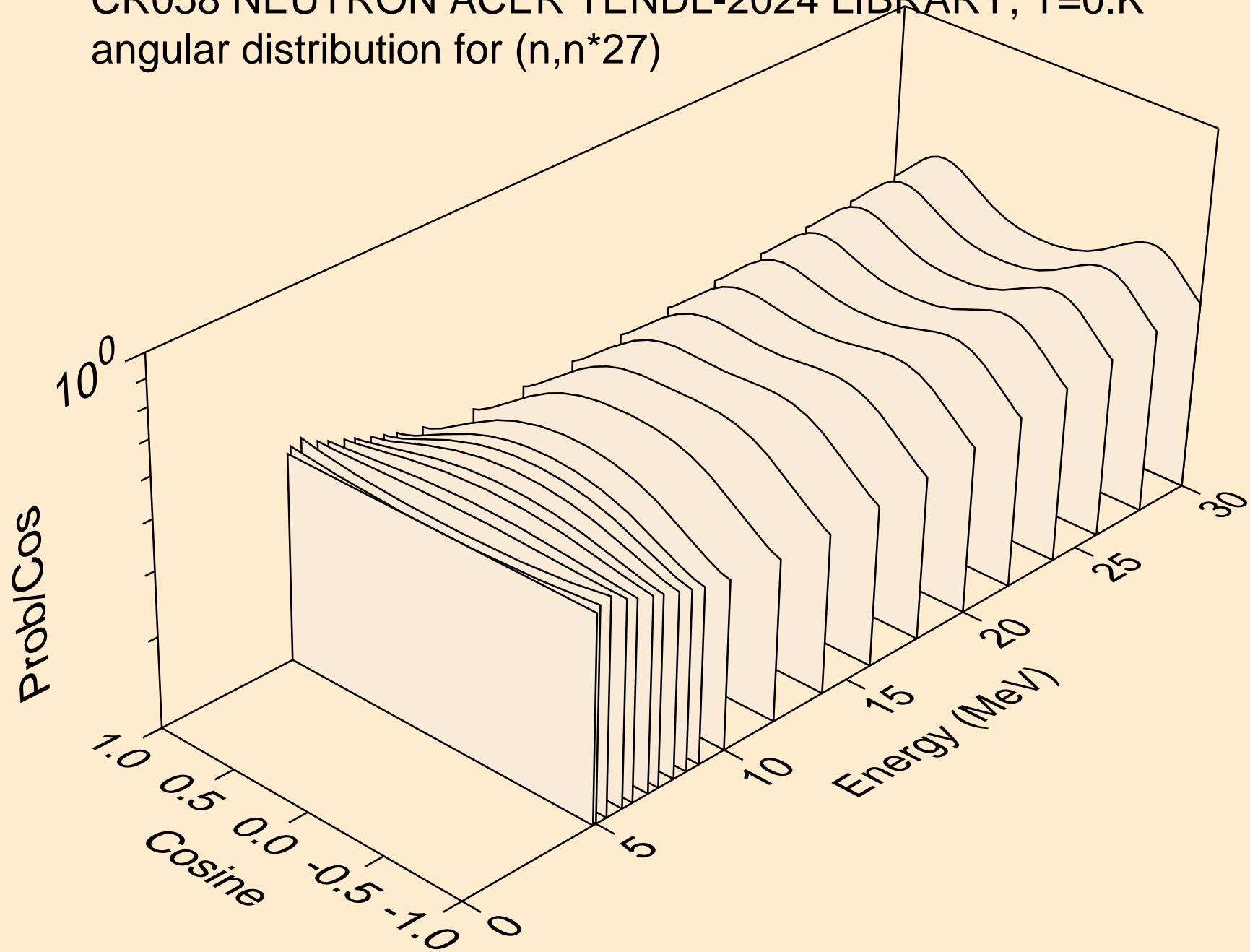


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

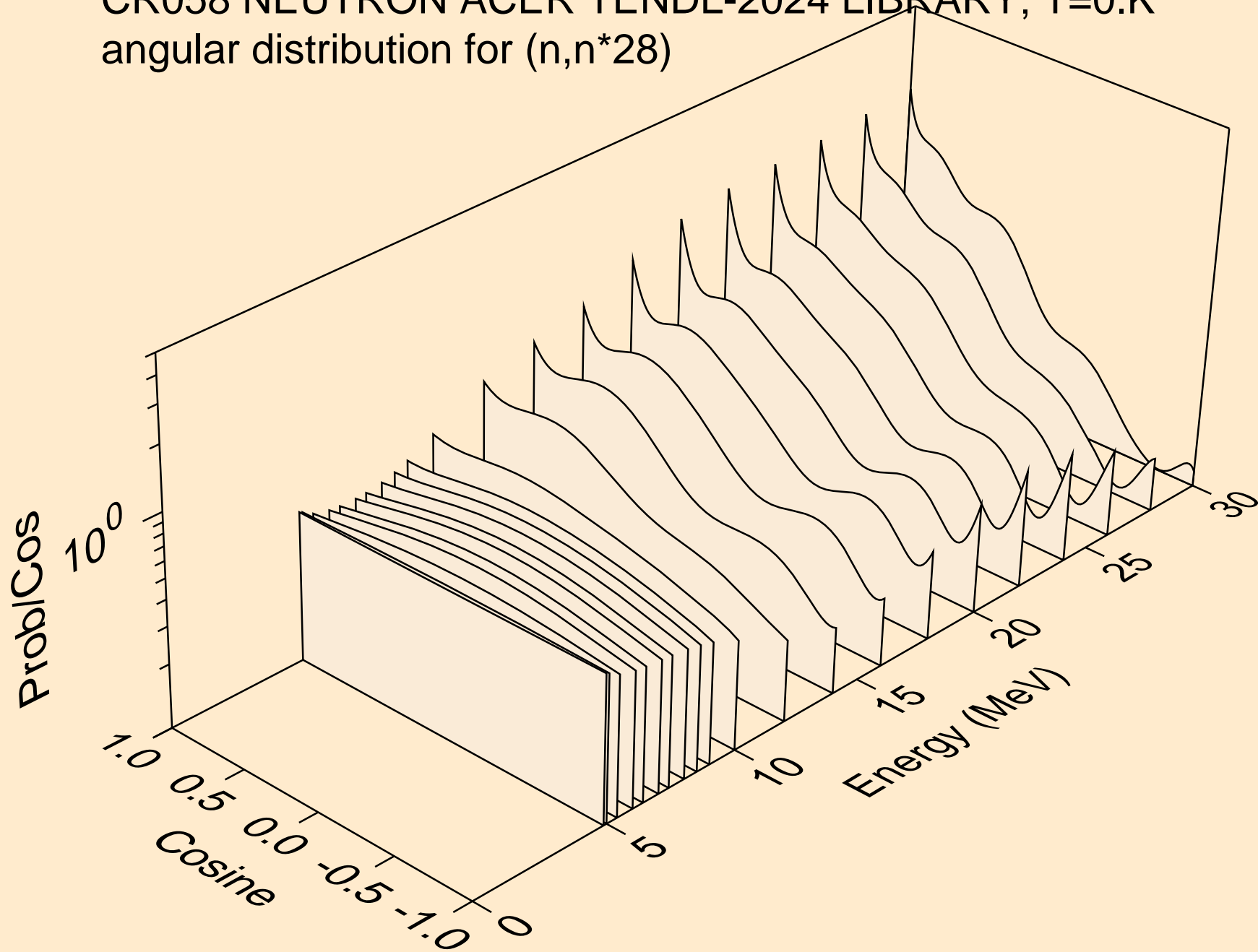




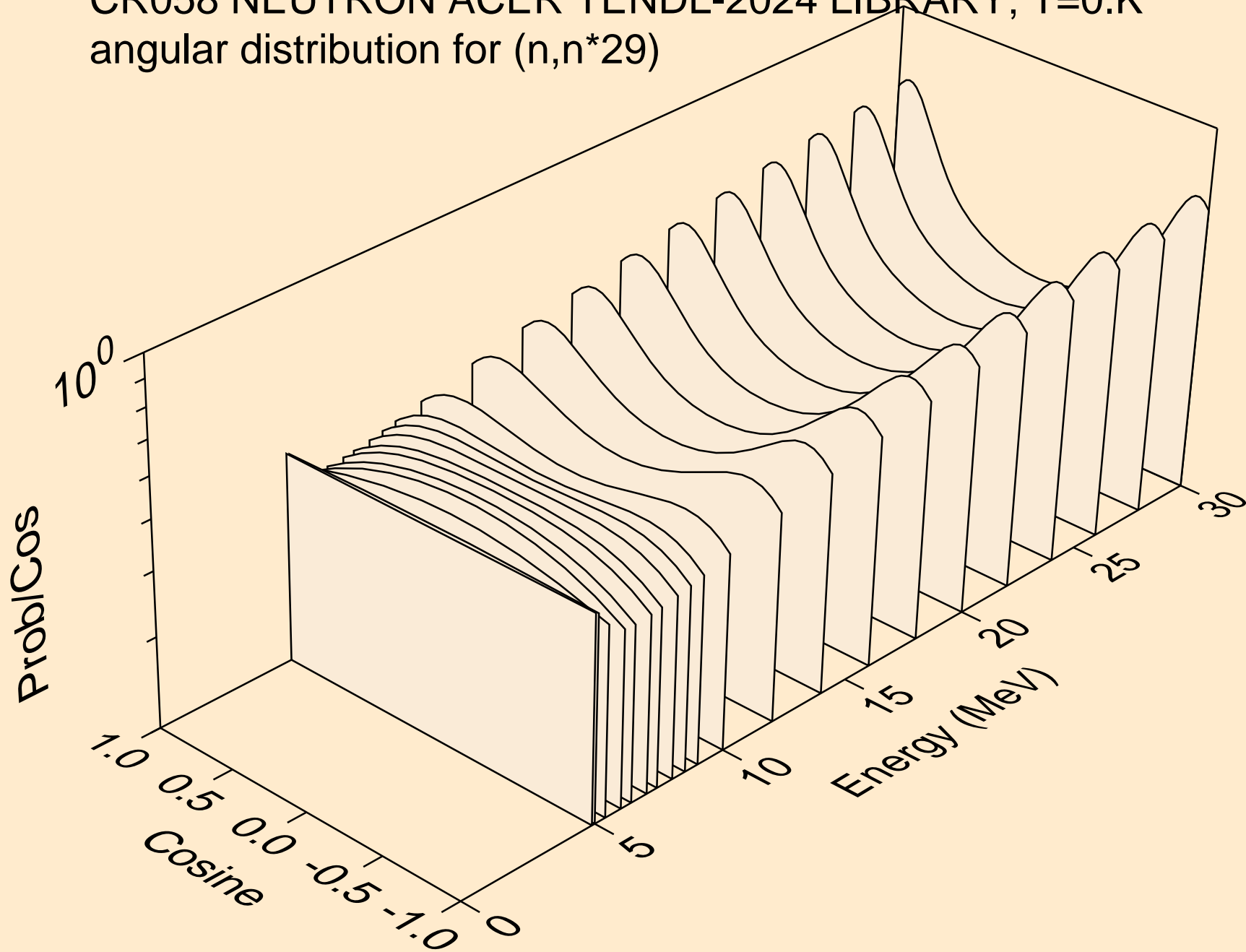
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



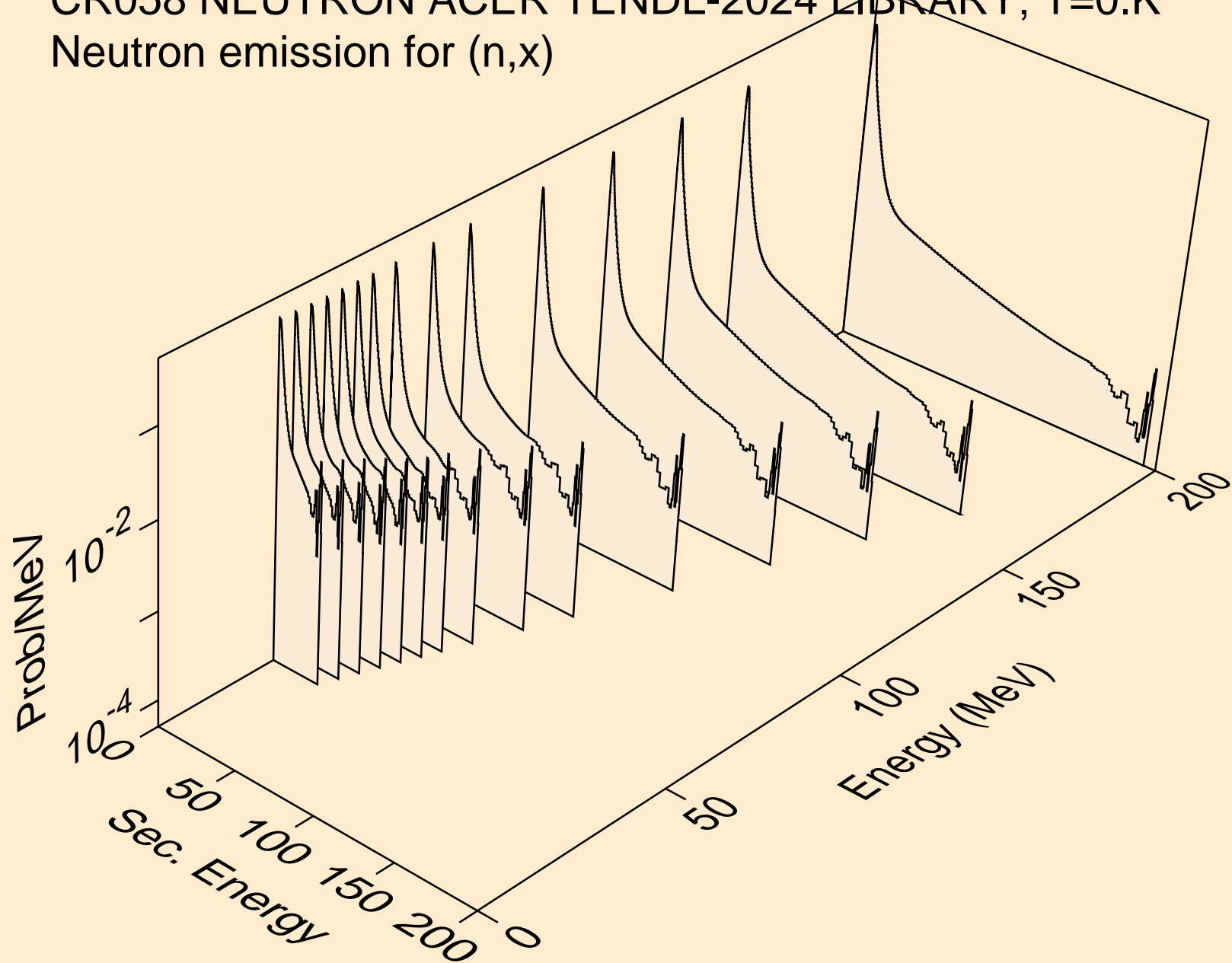
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



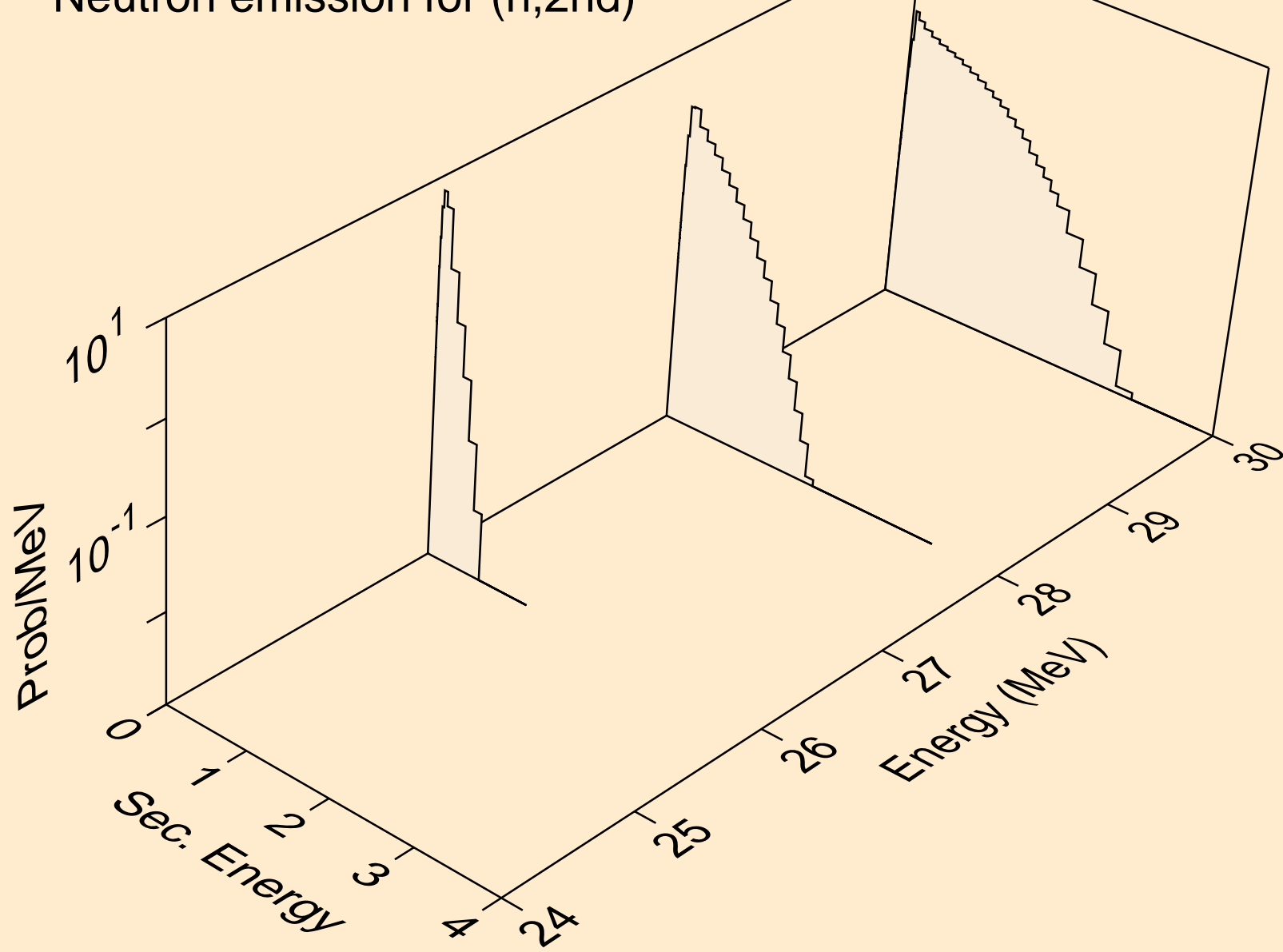
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



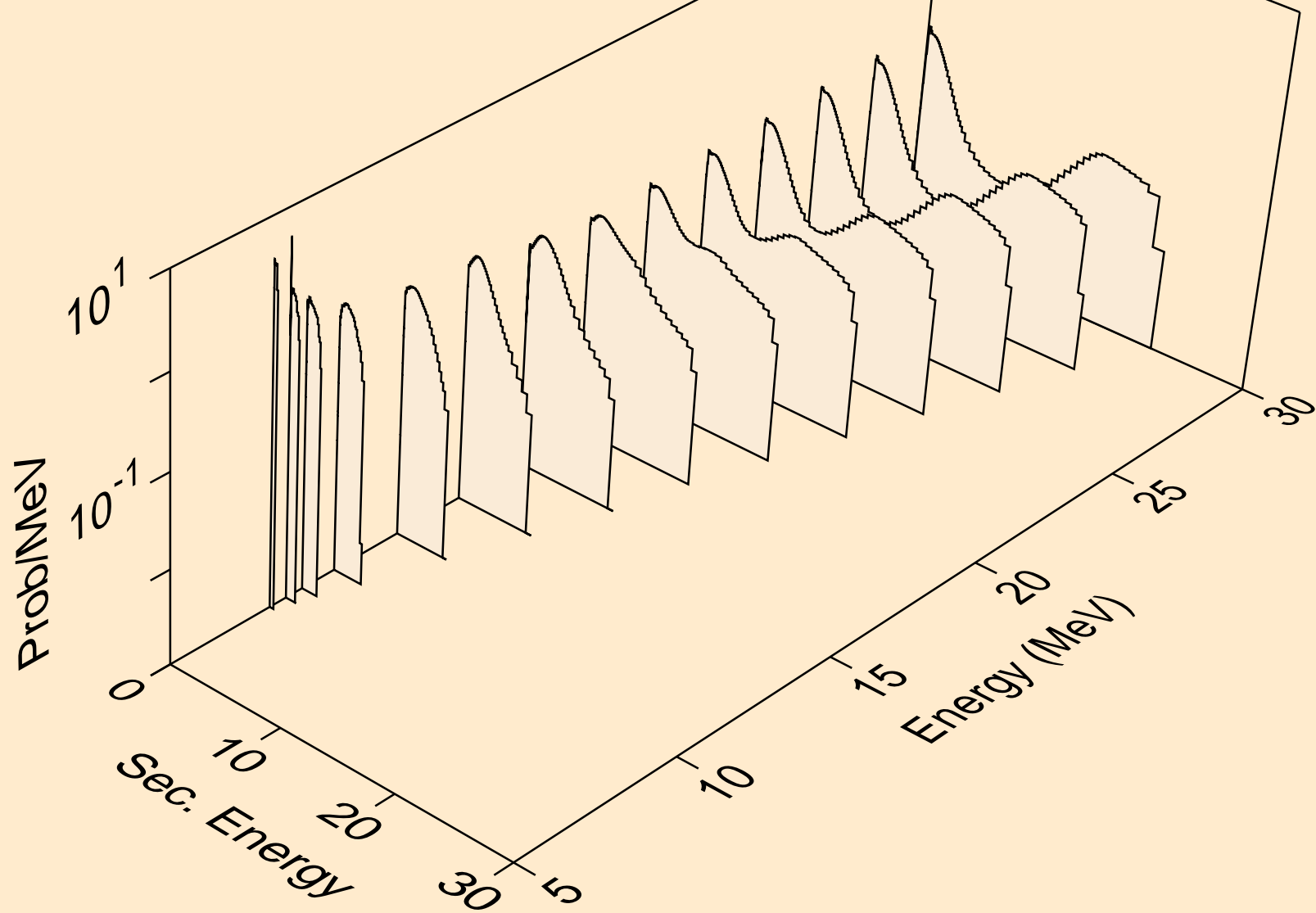
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



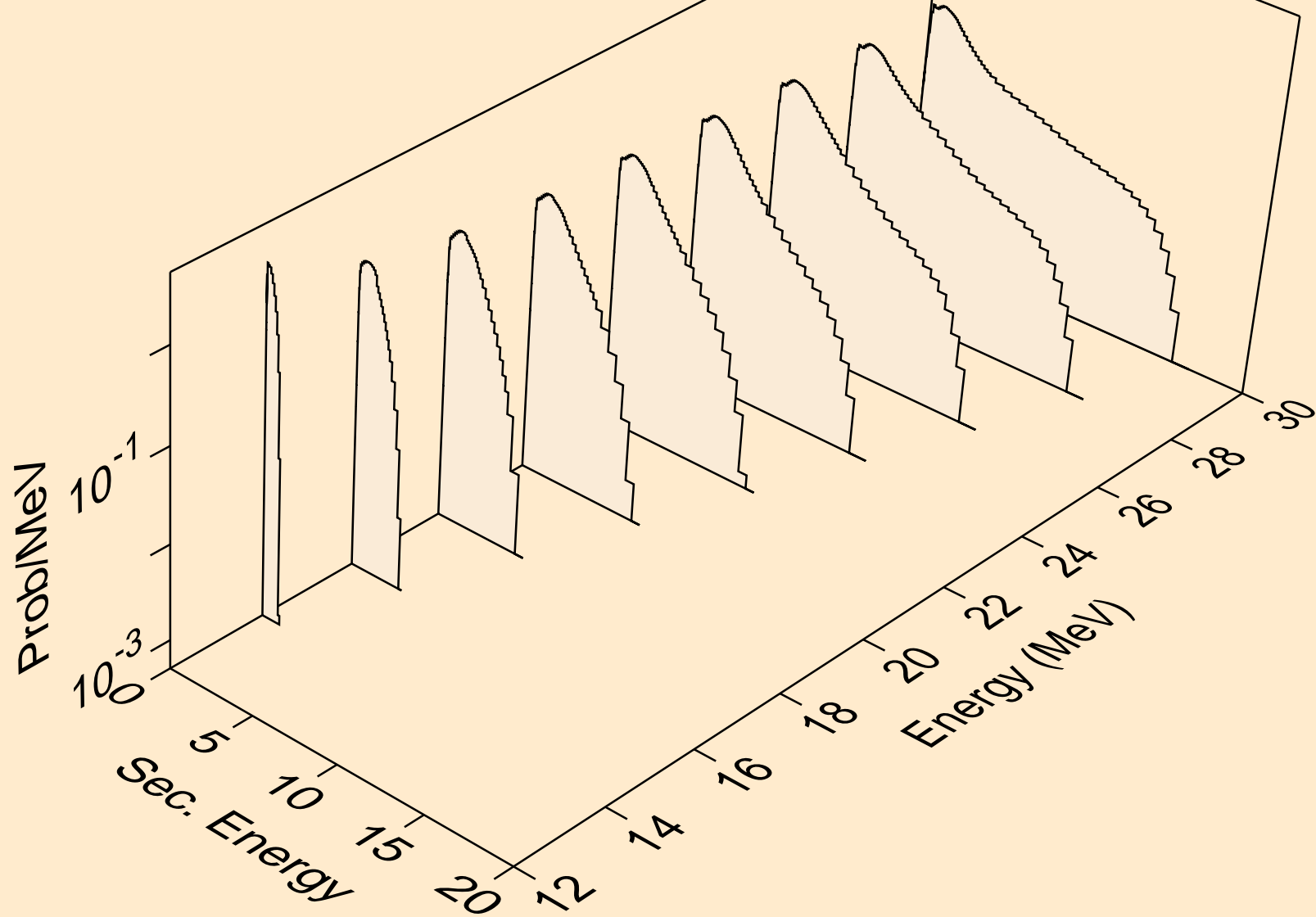
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



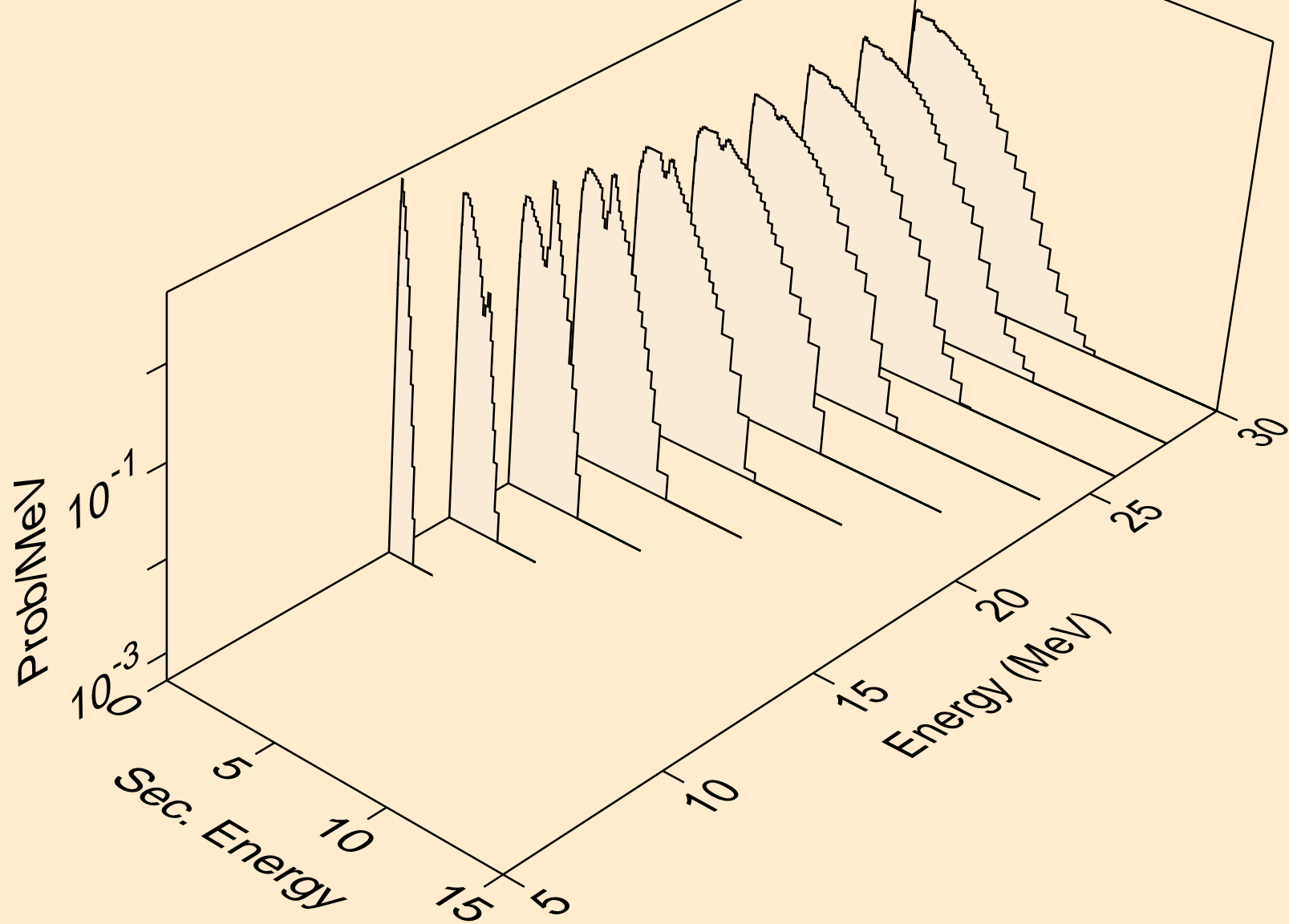
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

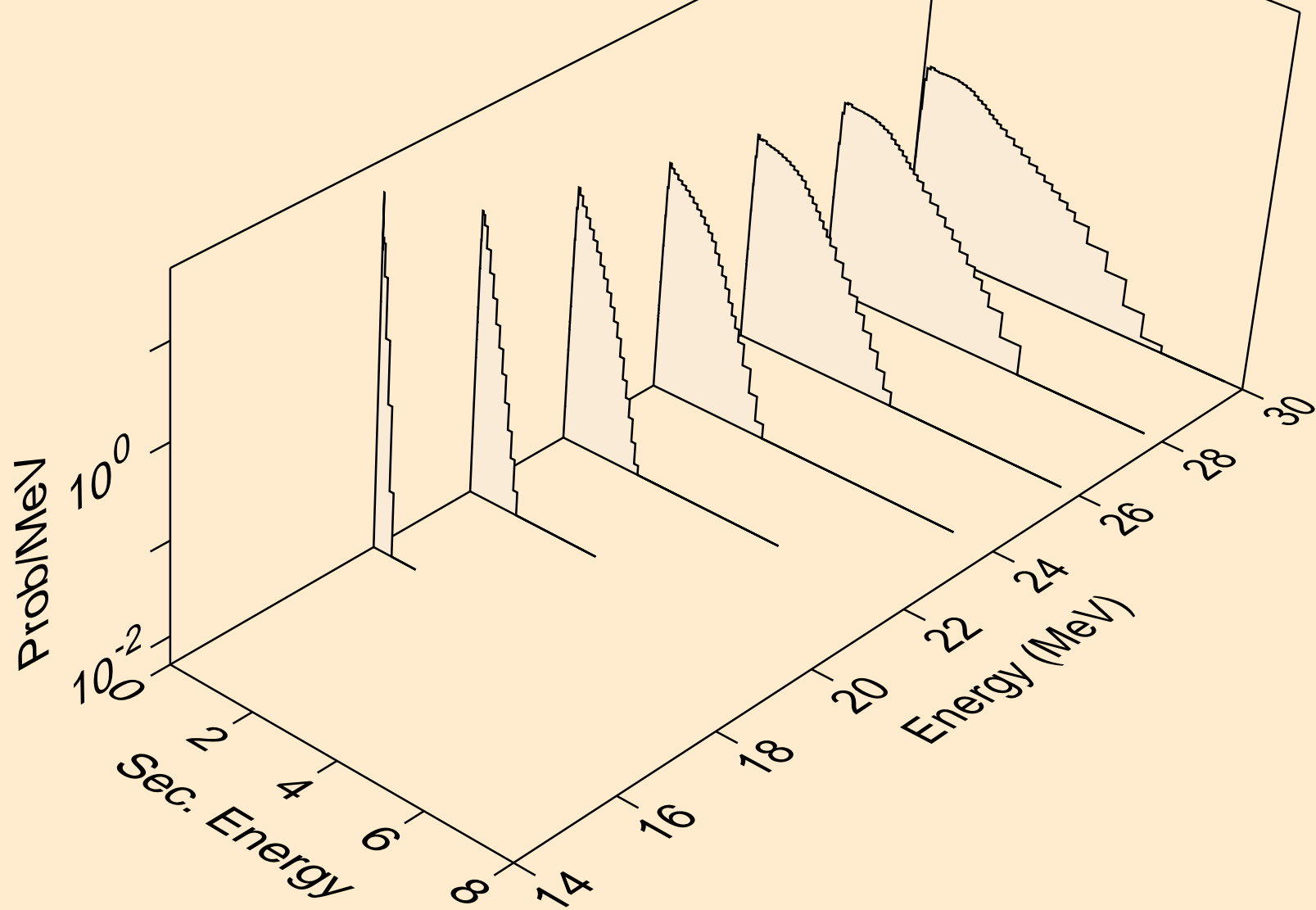


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

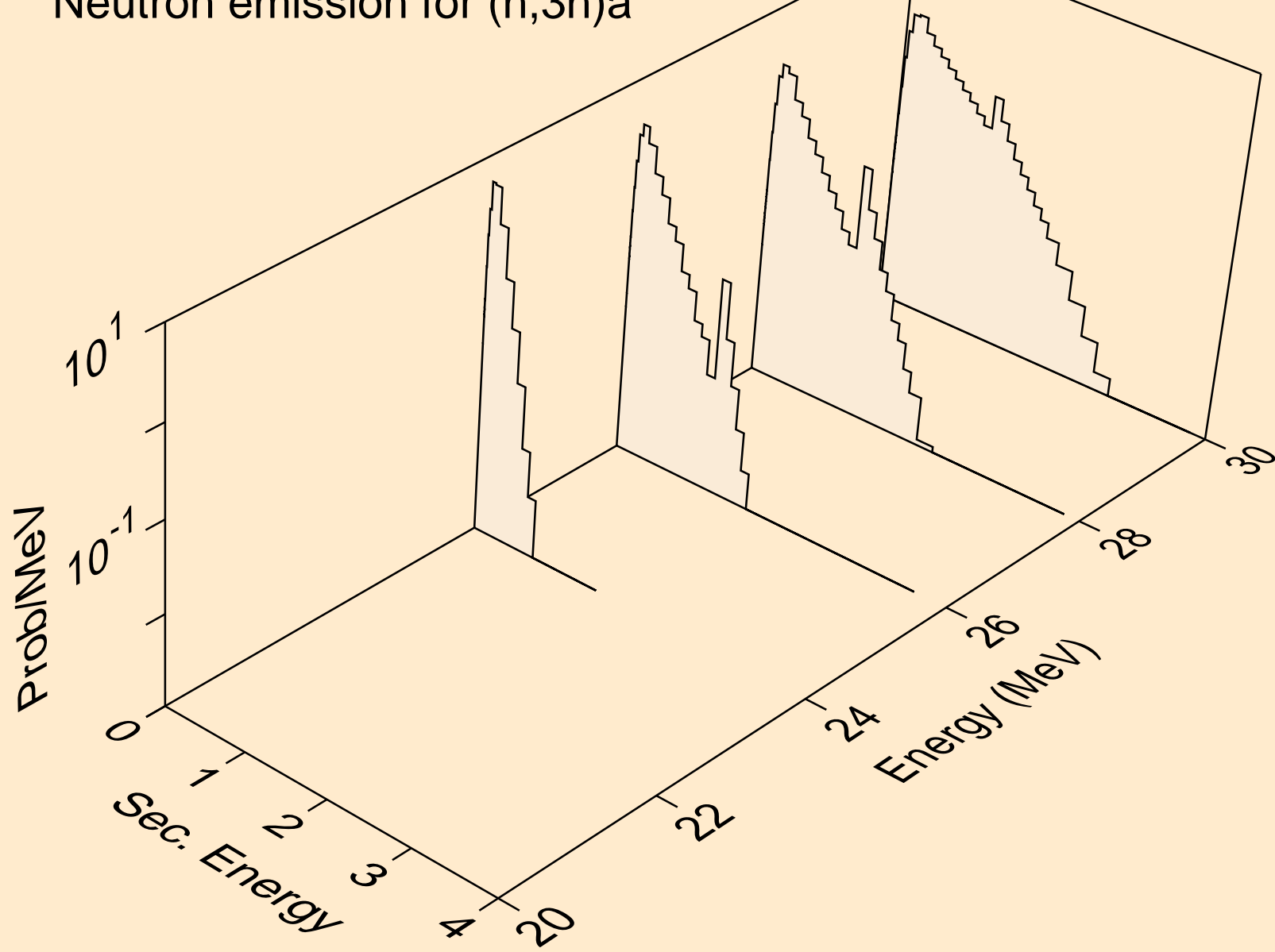




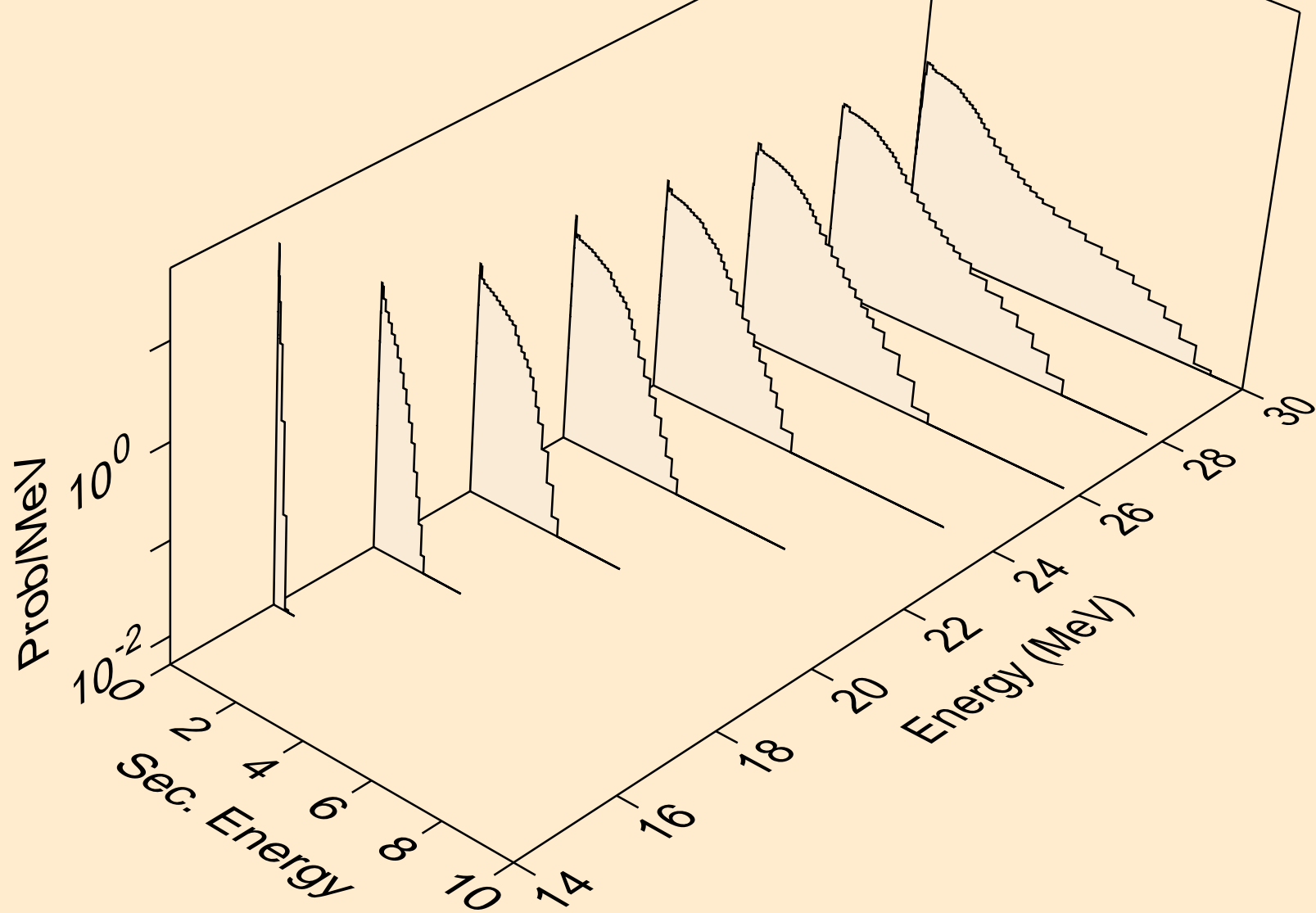
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



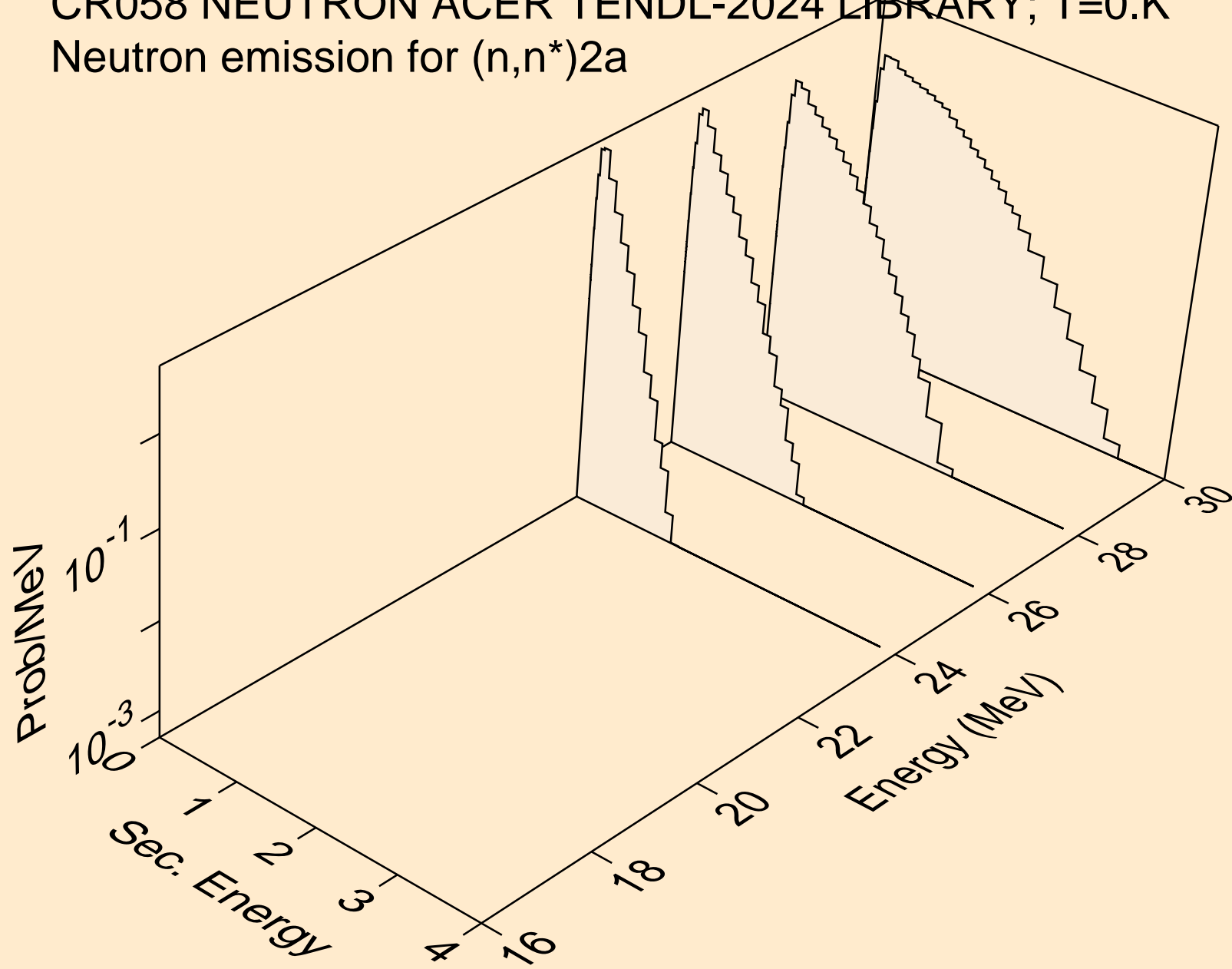
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



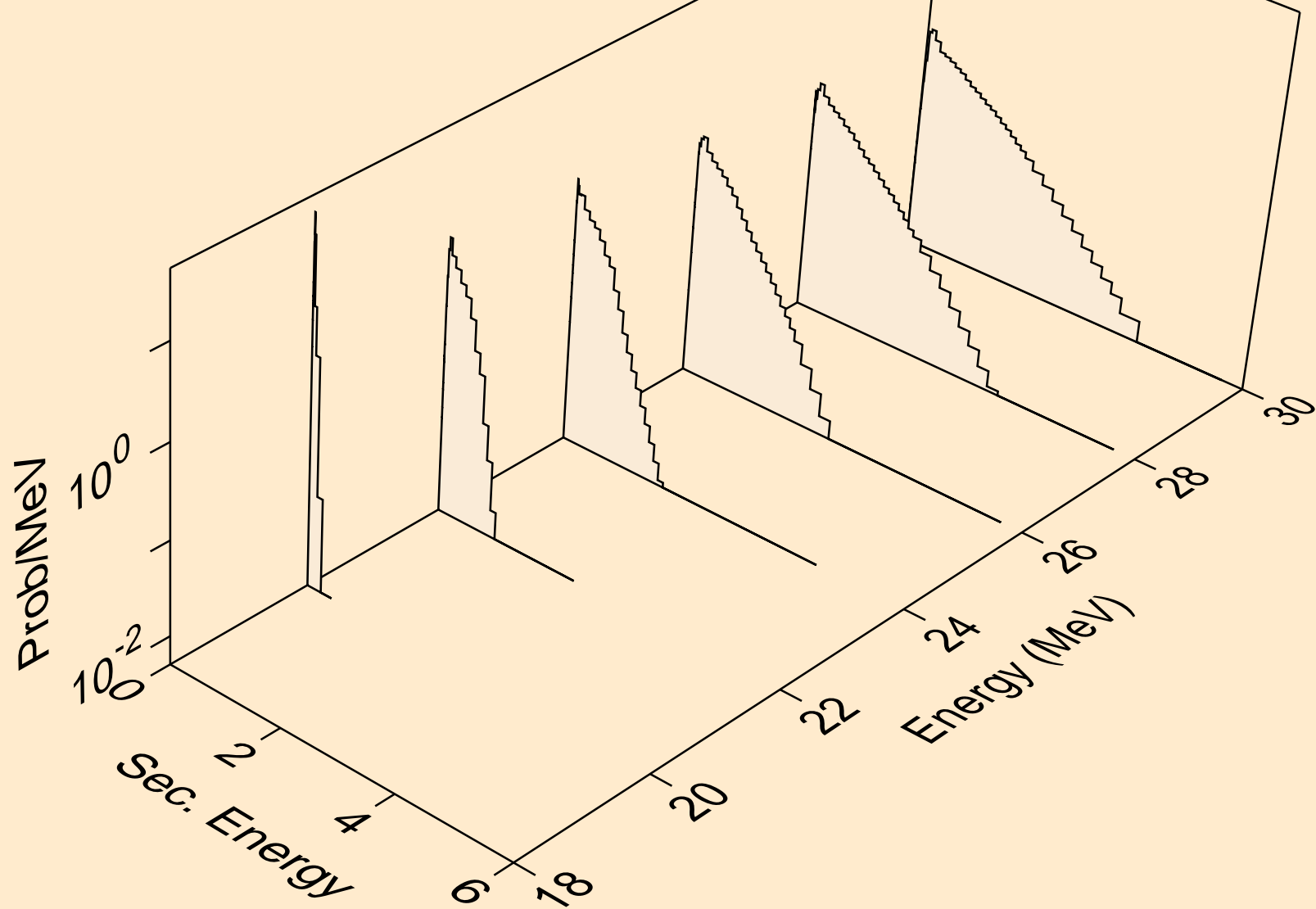
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



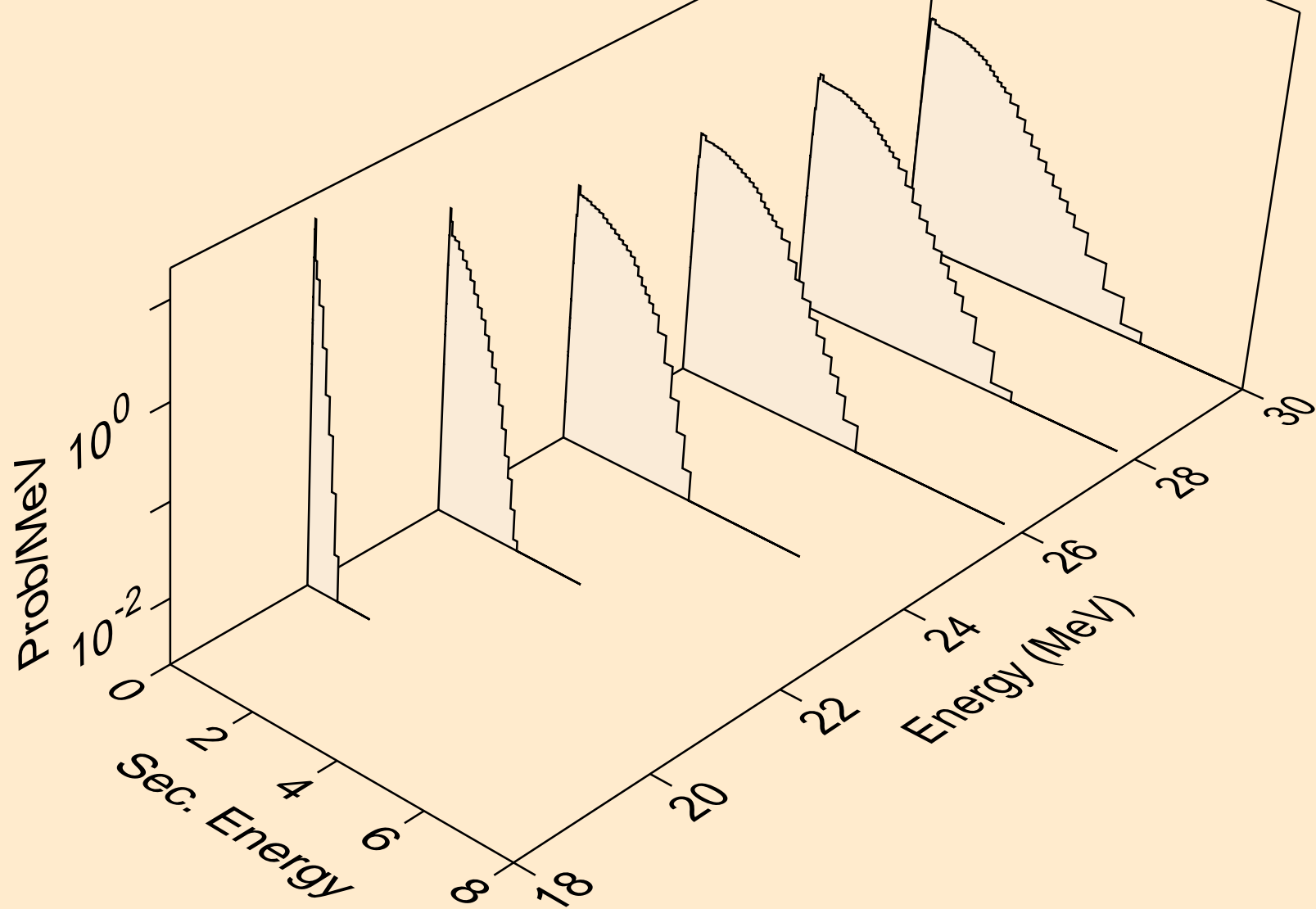
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



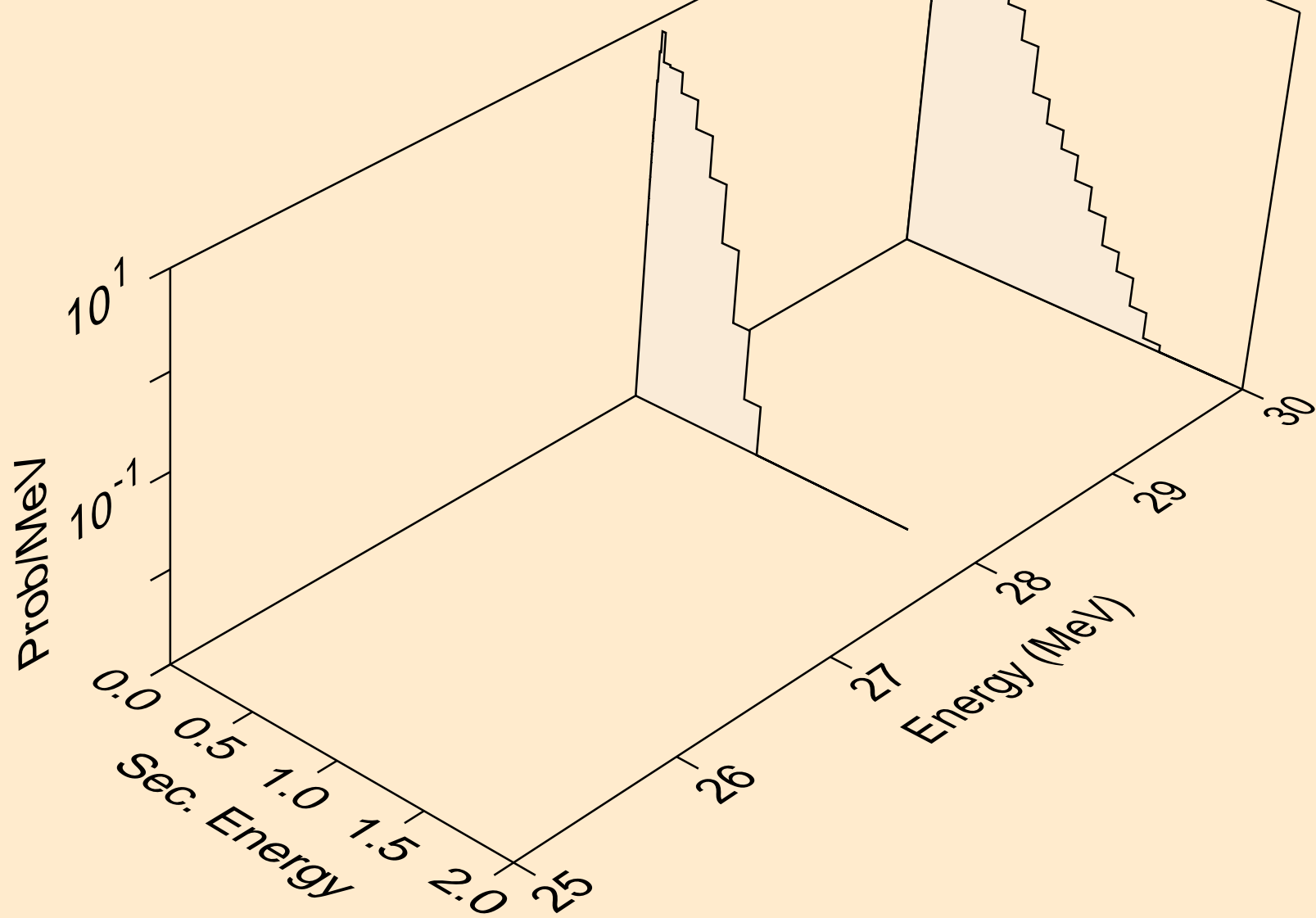
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



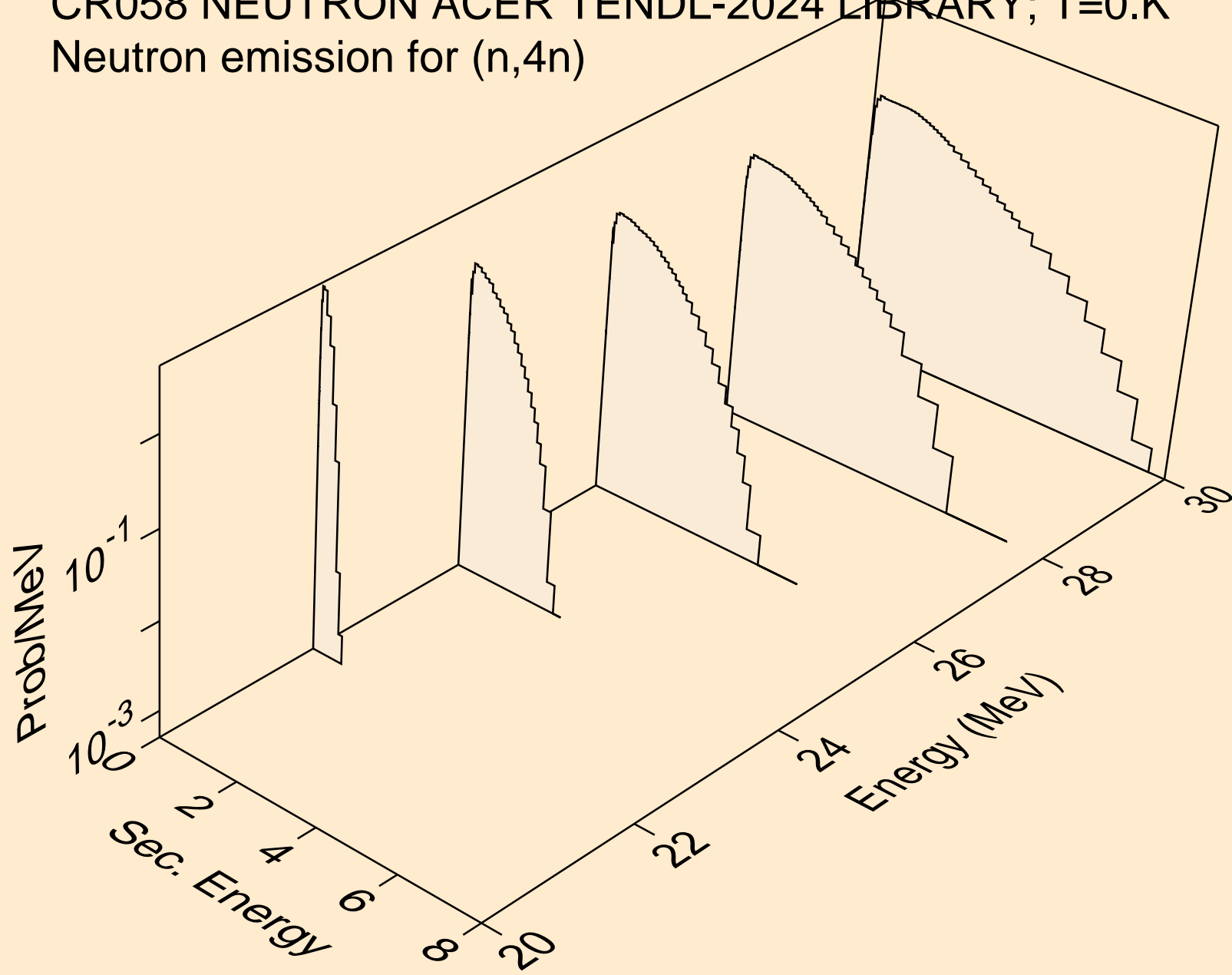
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

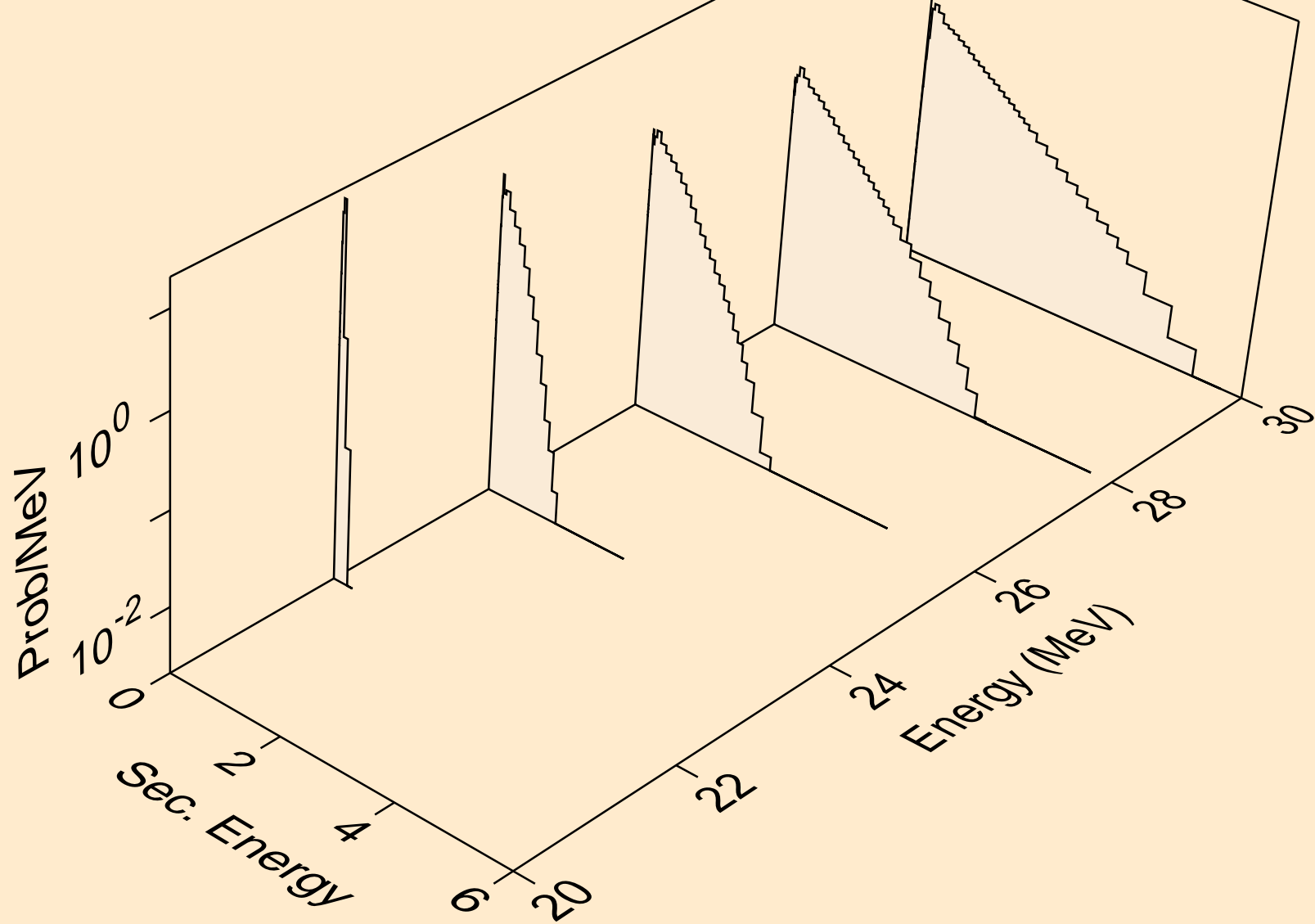


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

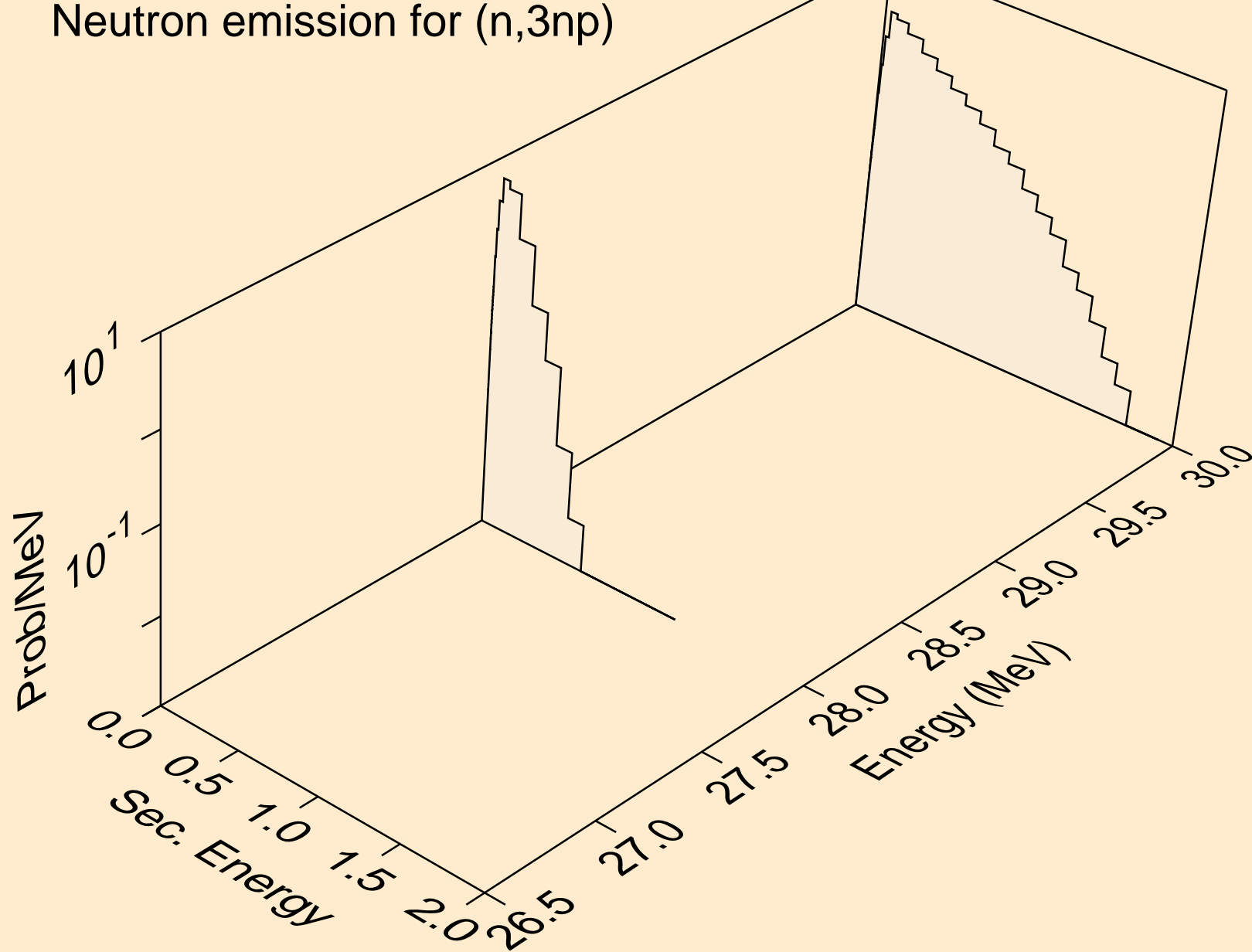




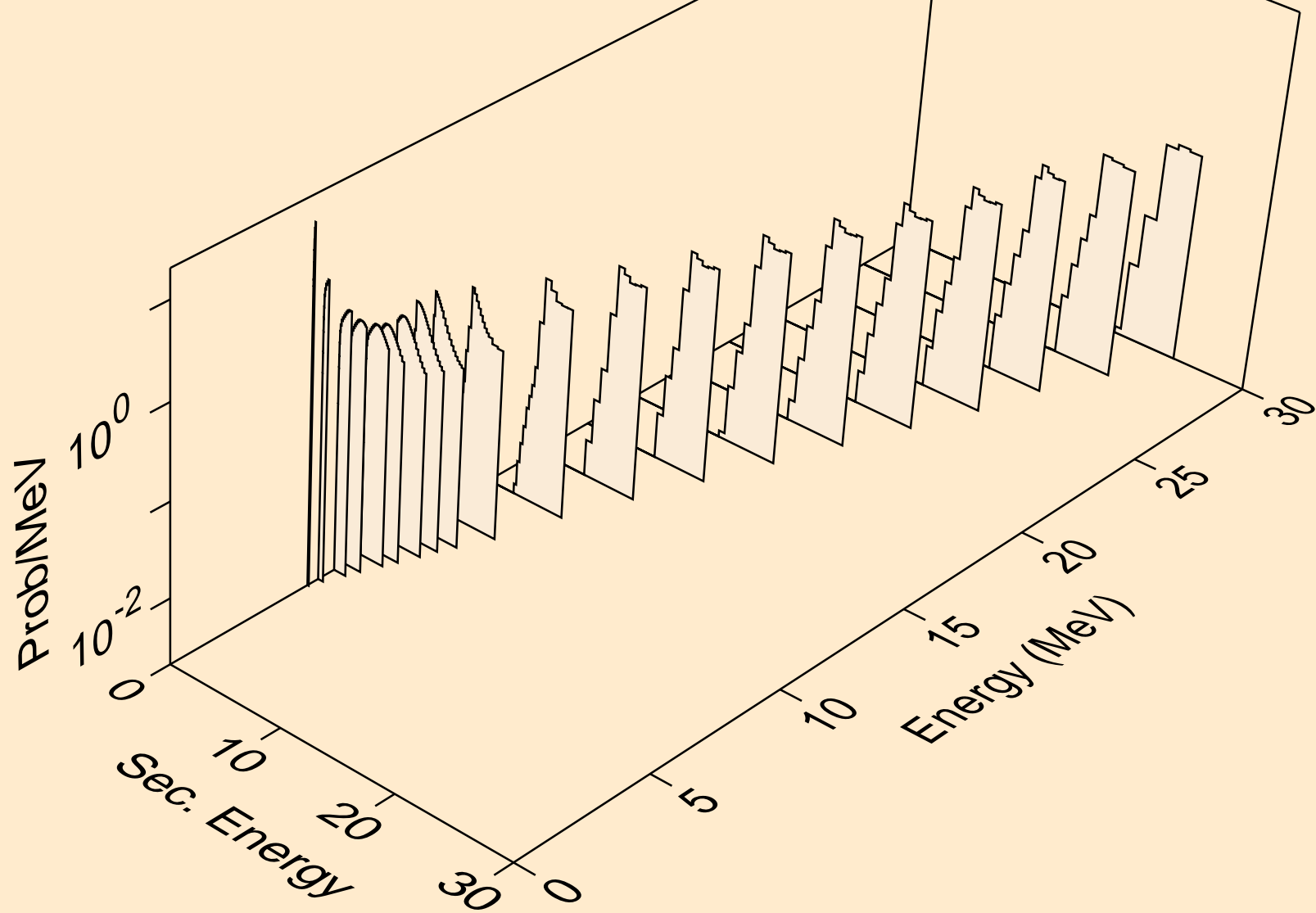
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Neutron emission for (n,2np)



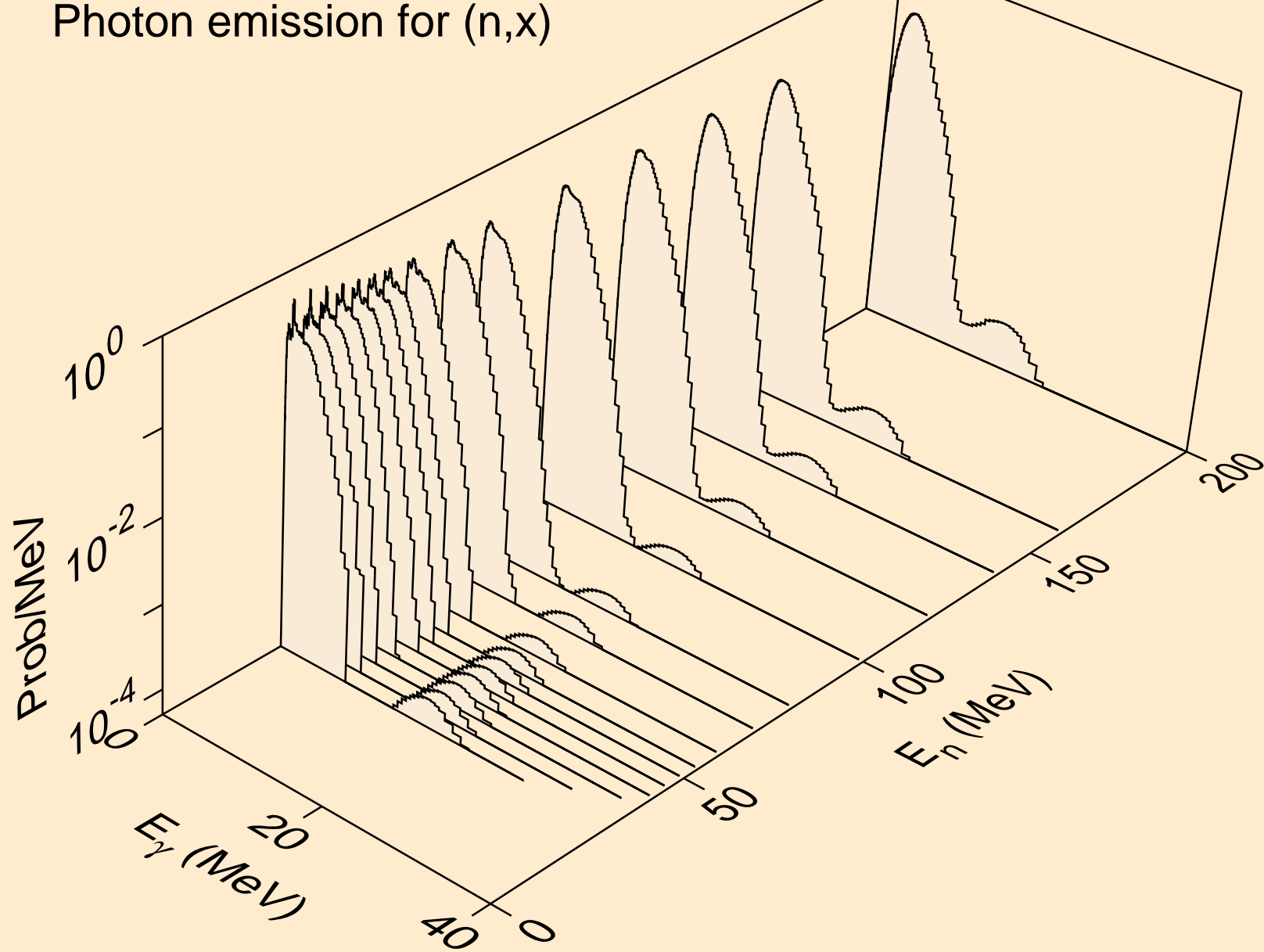
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



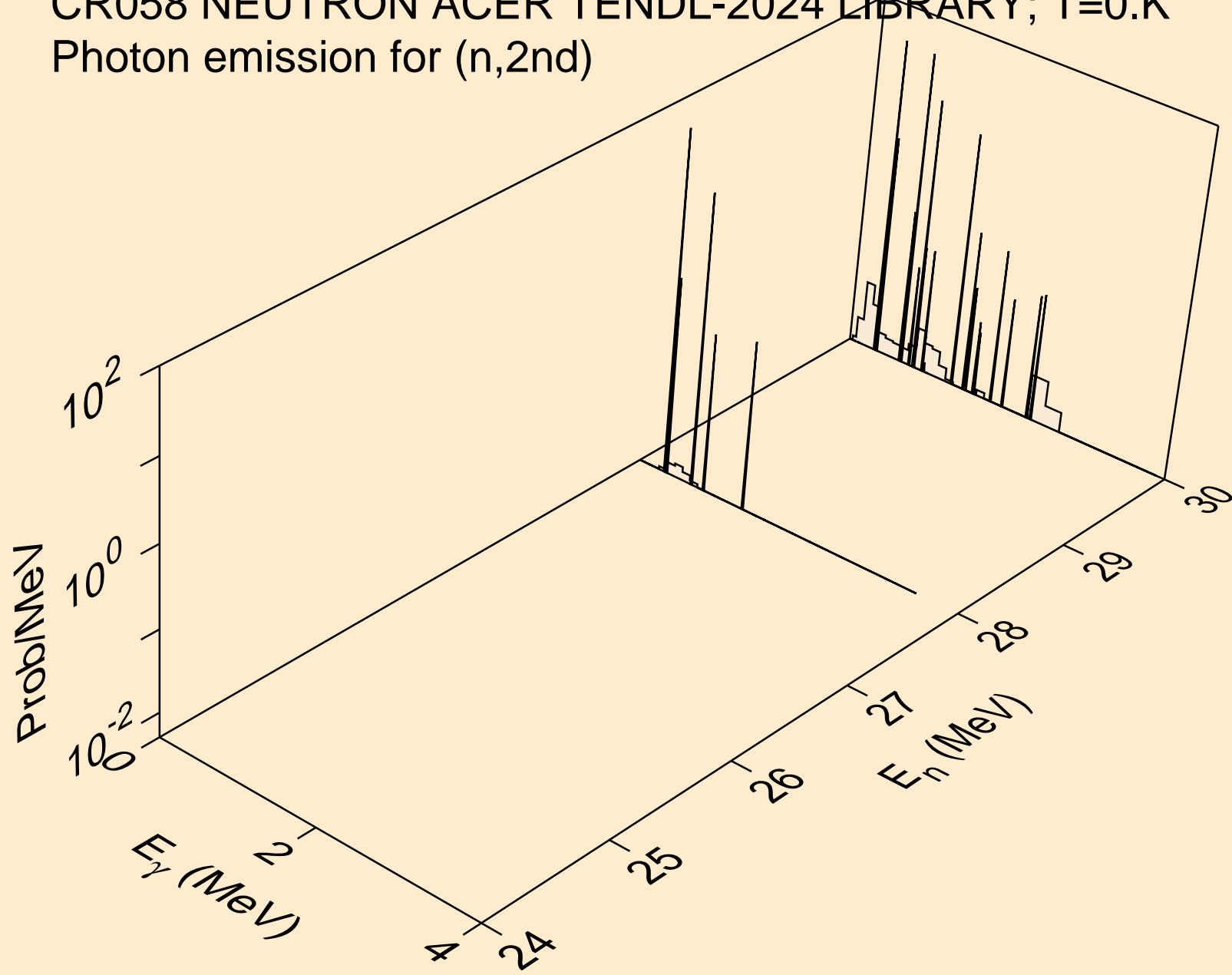
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



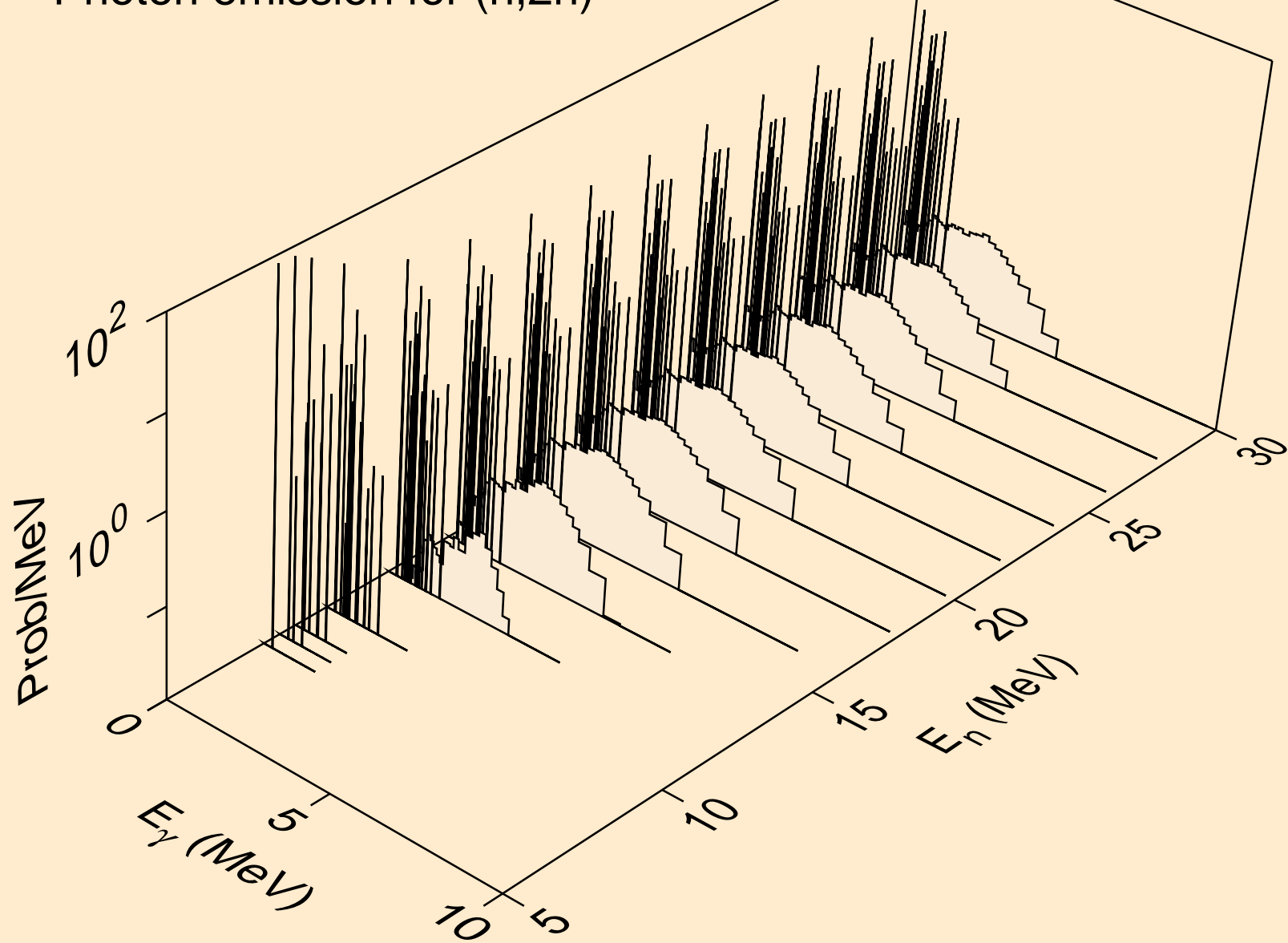
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



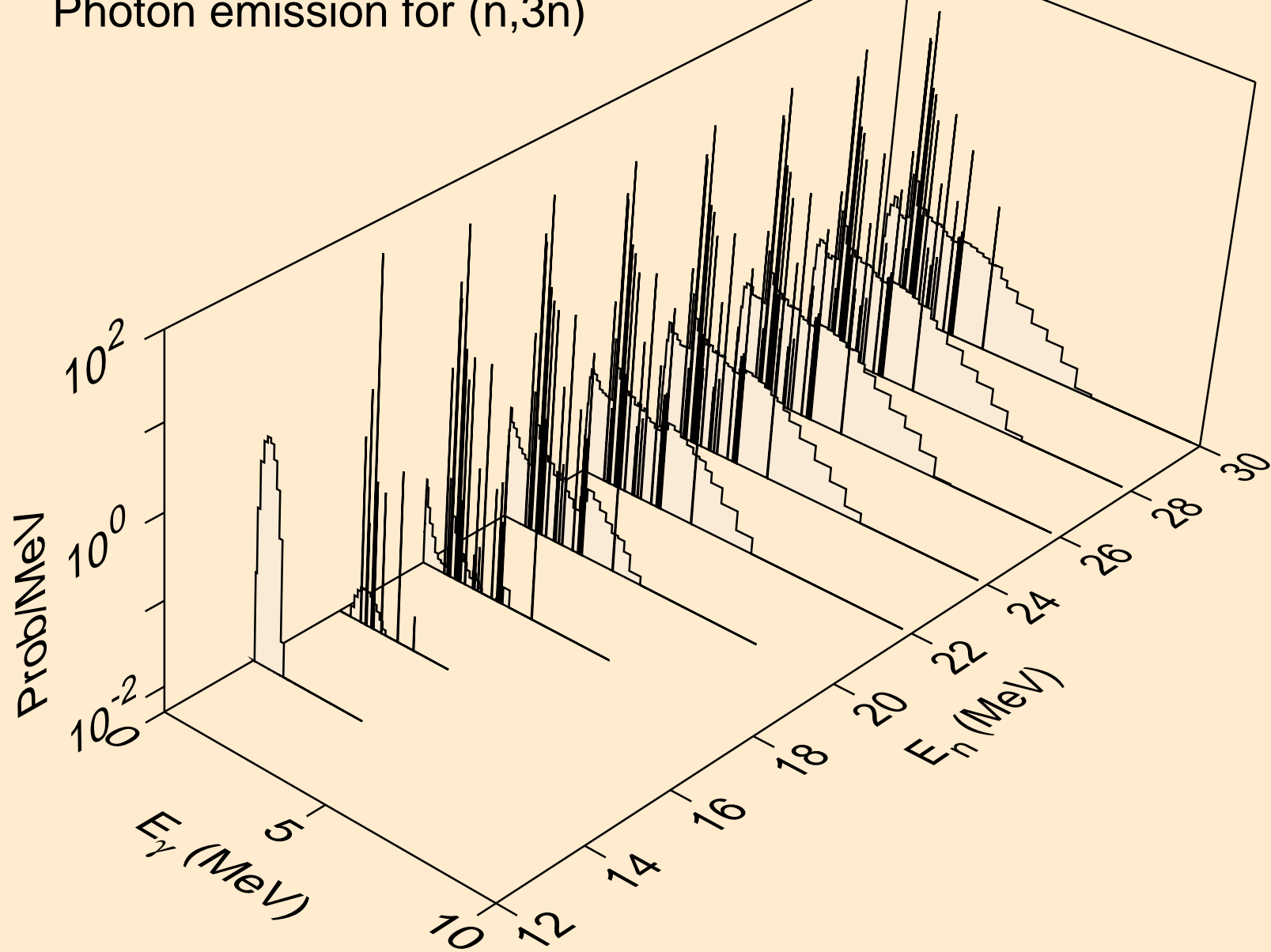
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Photon emission for (n,2nd)



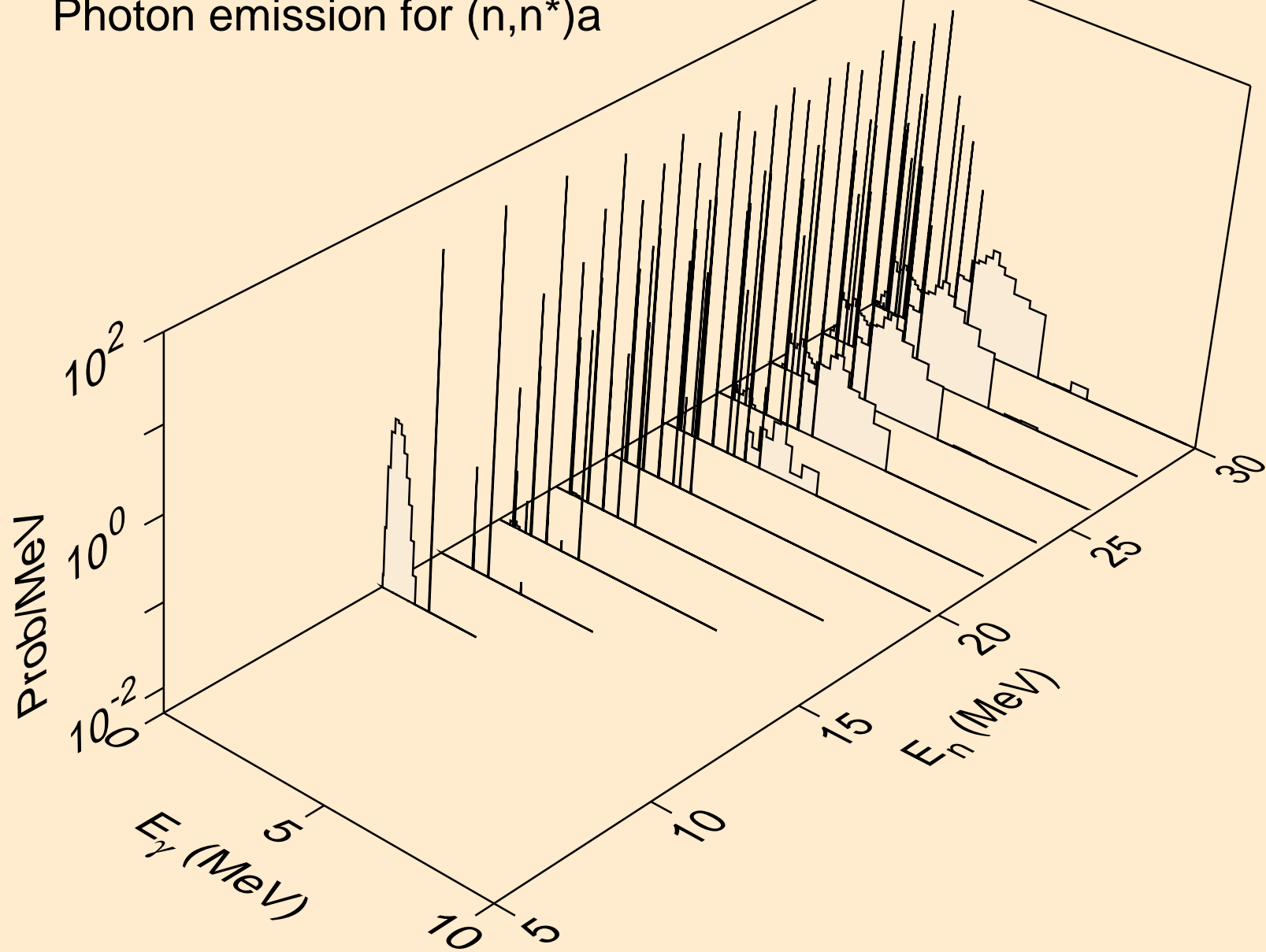
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

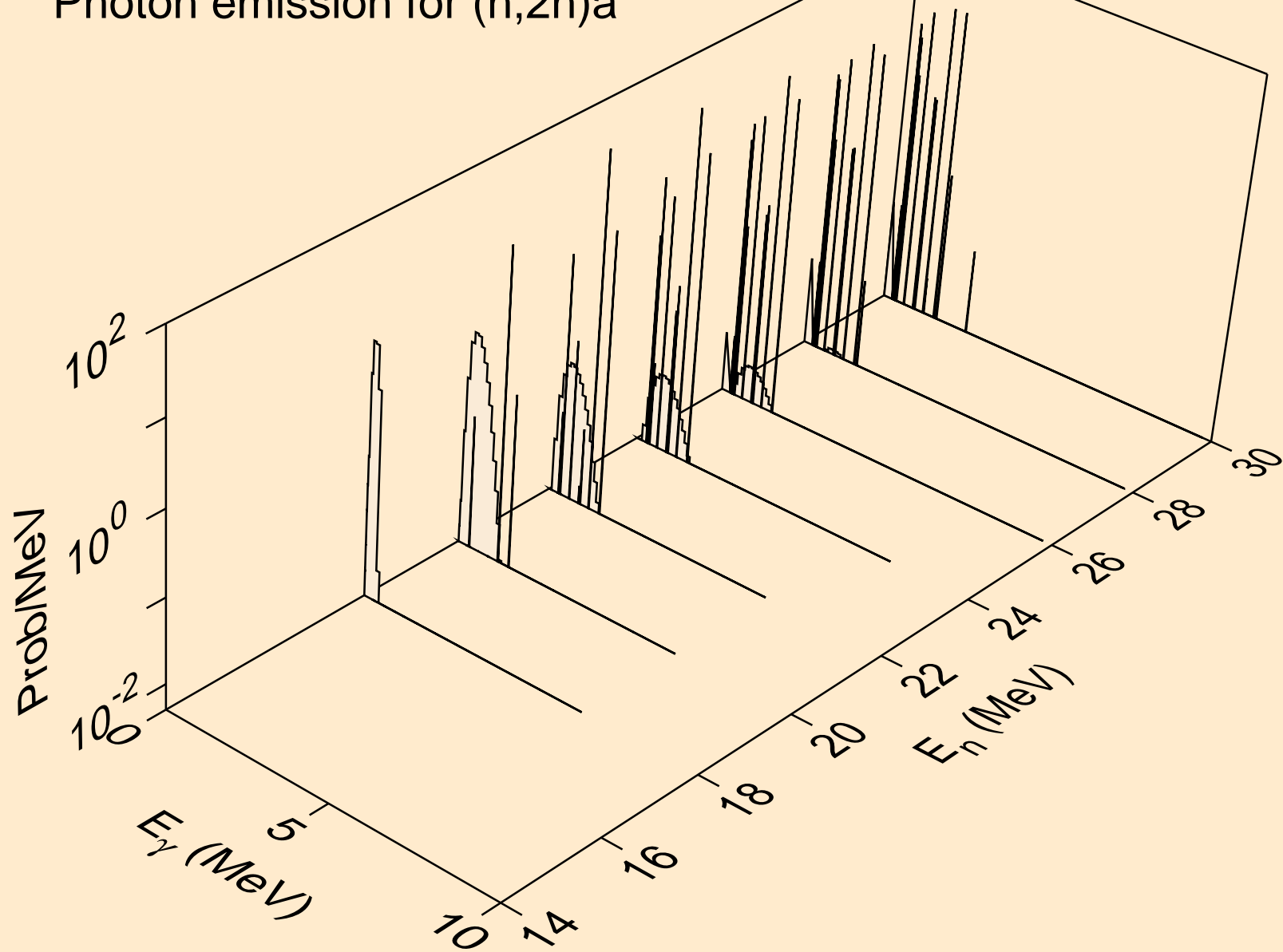


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

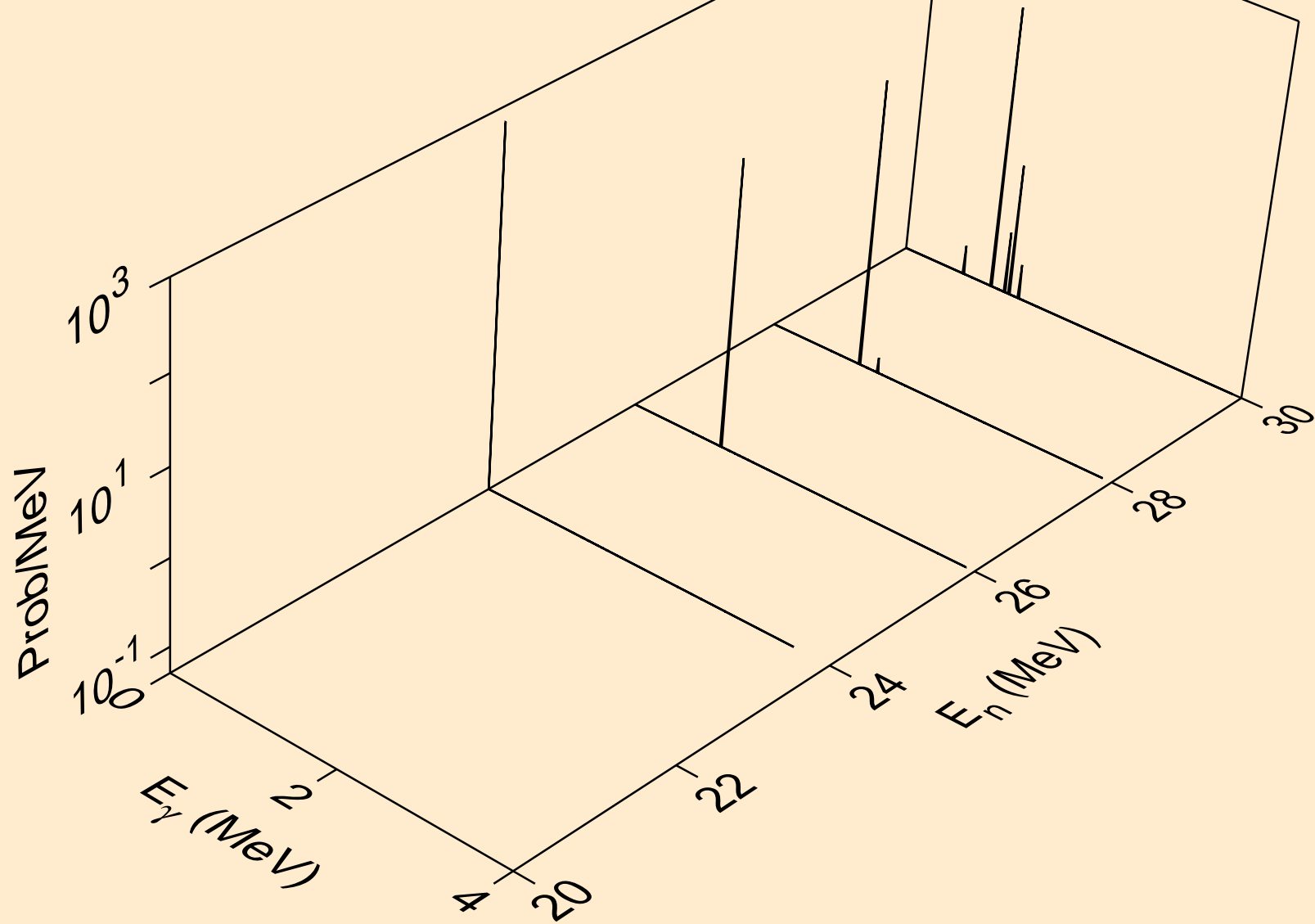




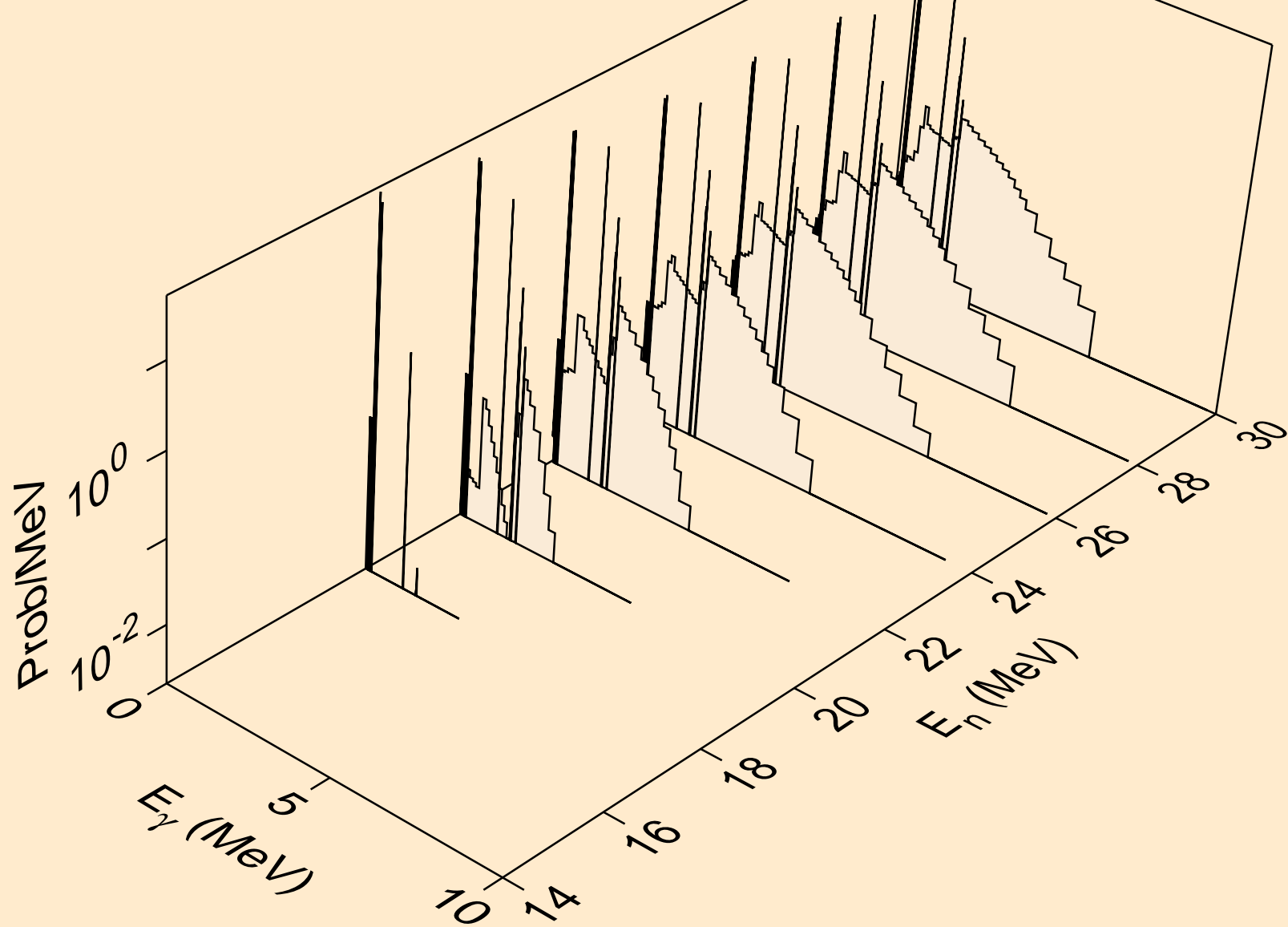
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



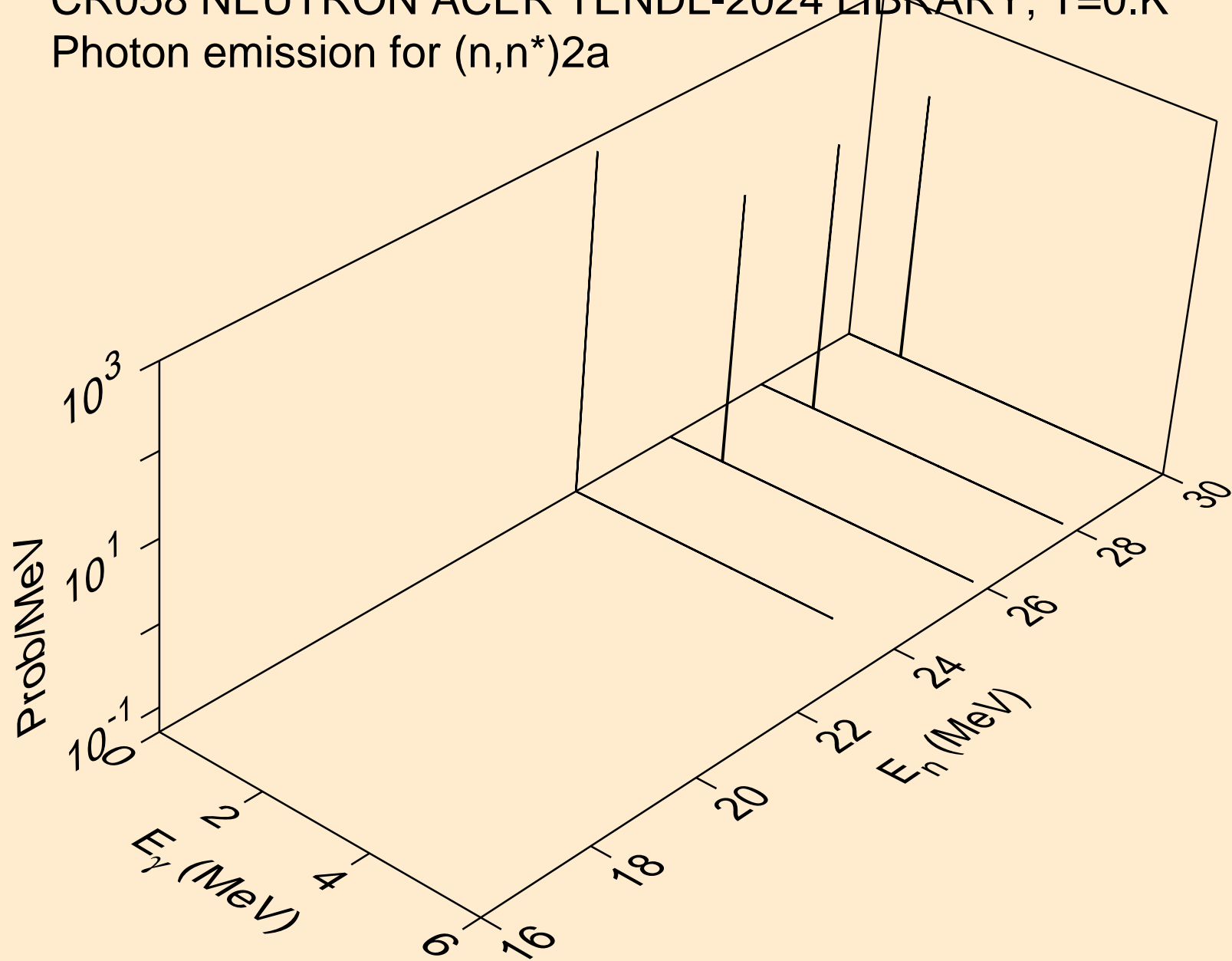
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



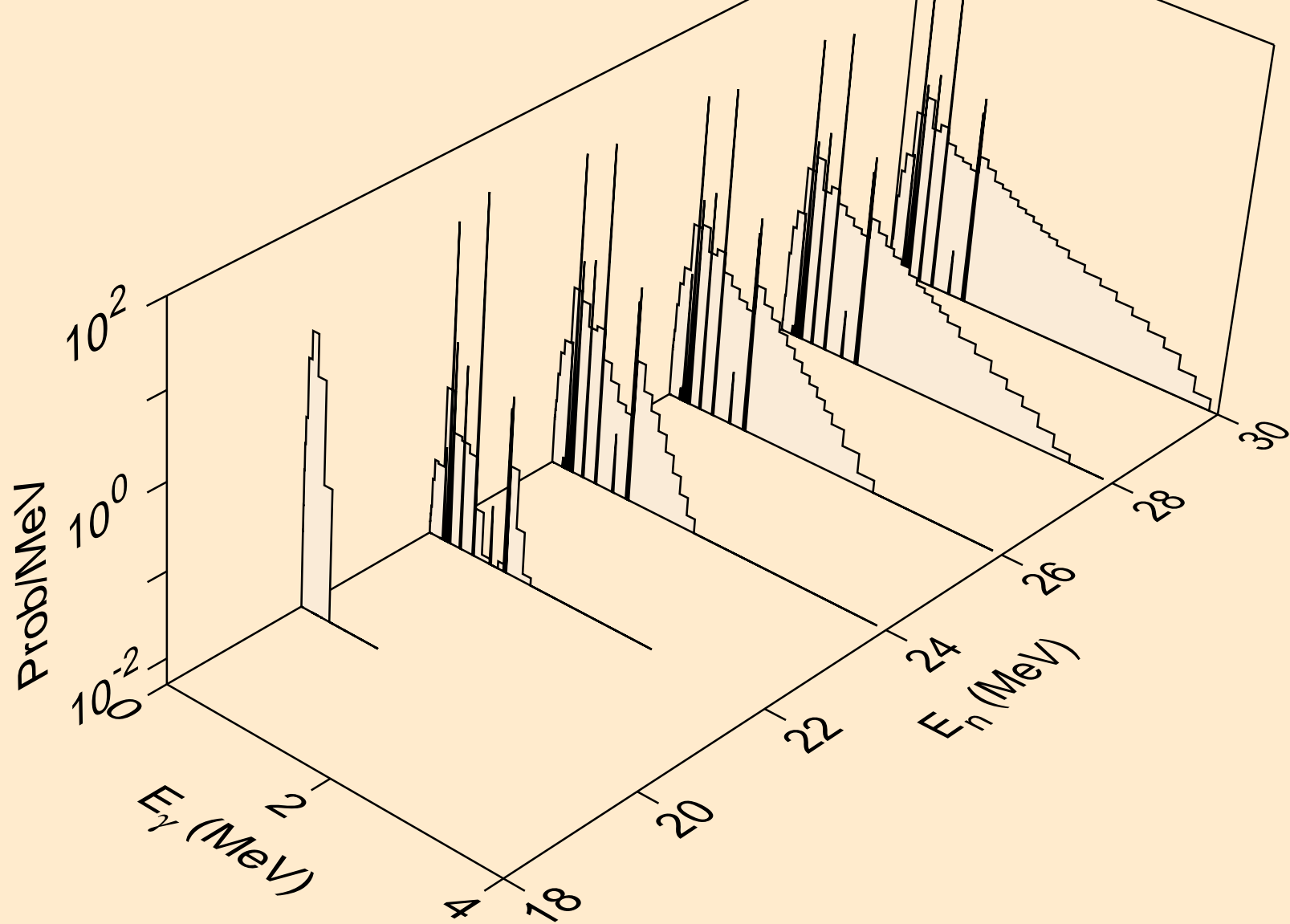
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



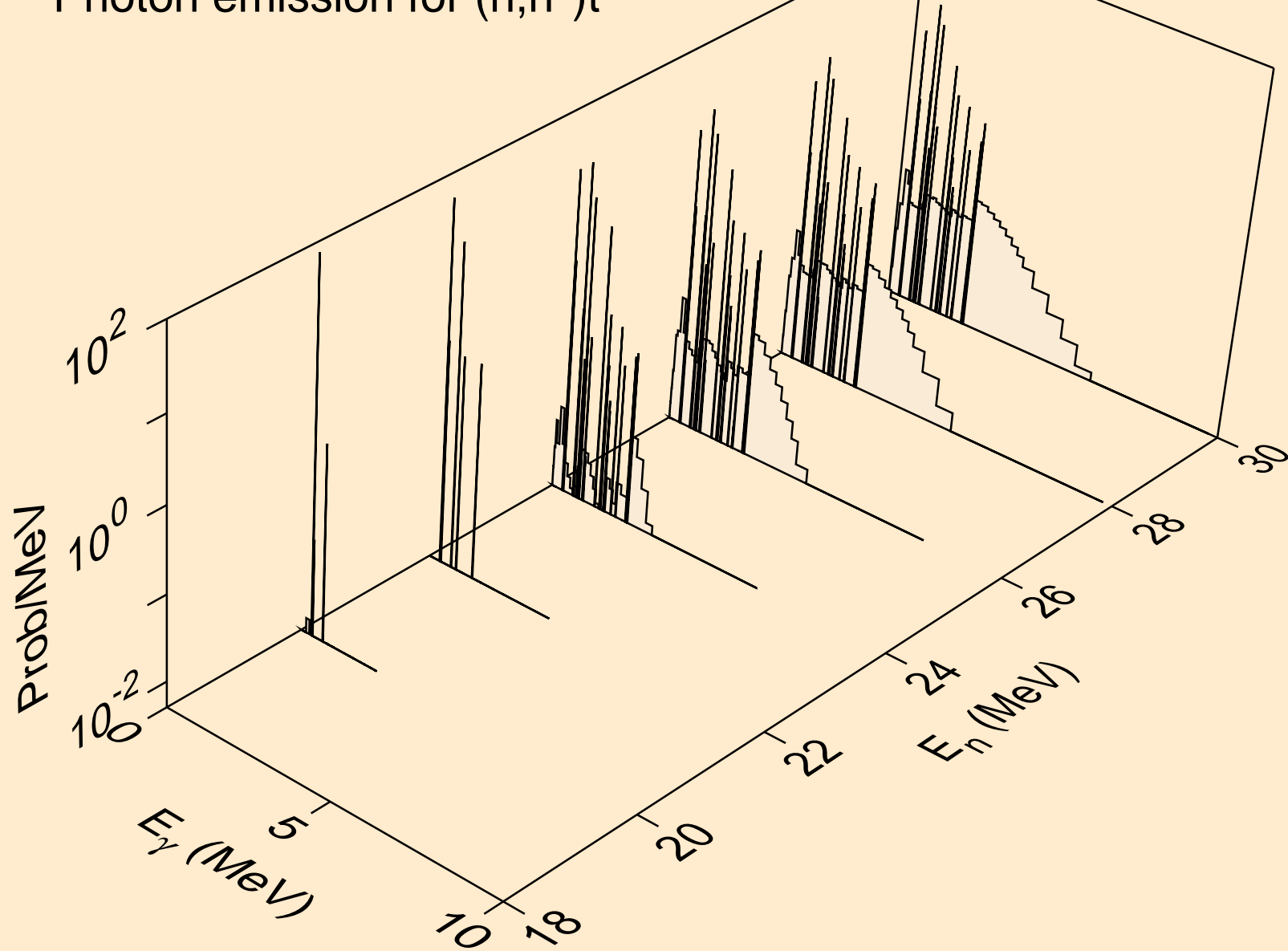
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Photon emission for (n,n\*)2a



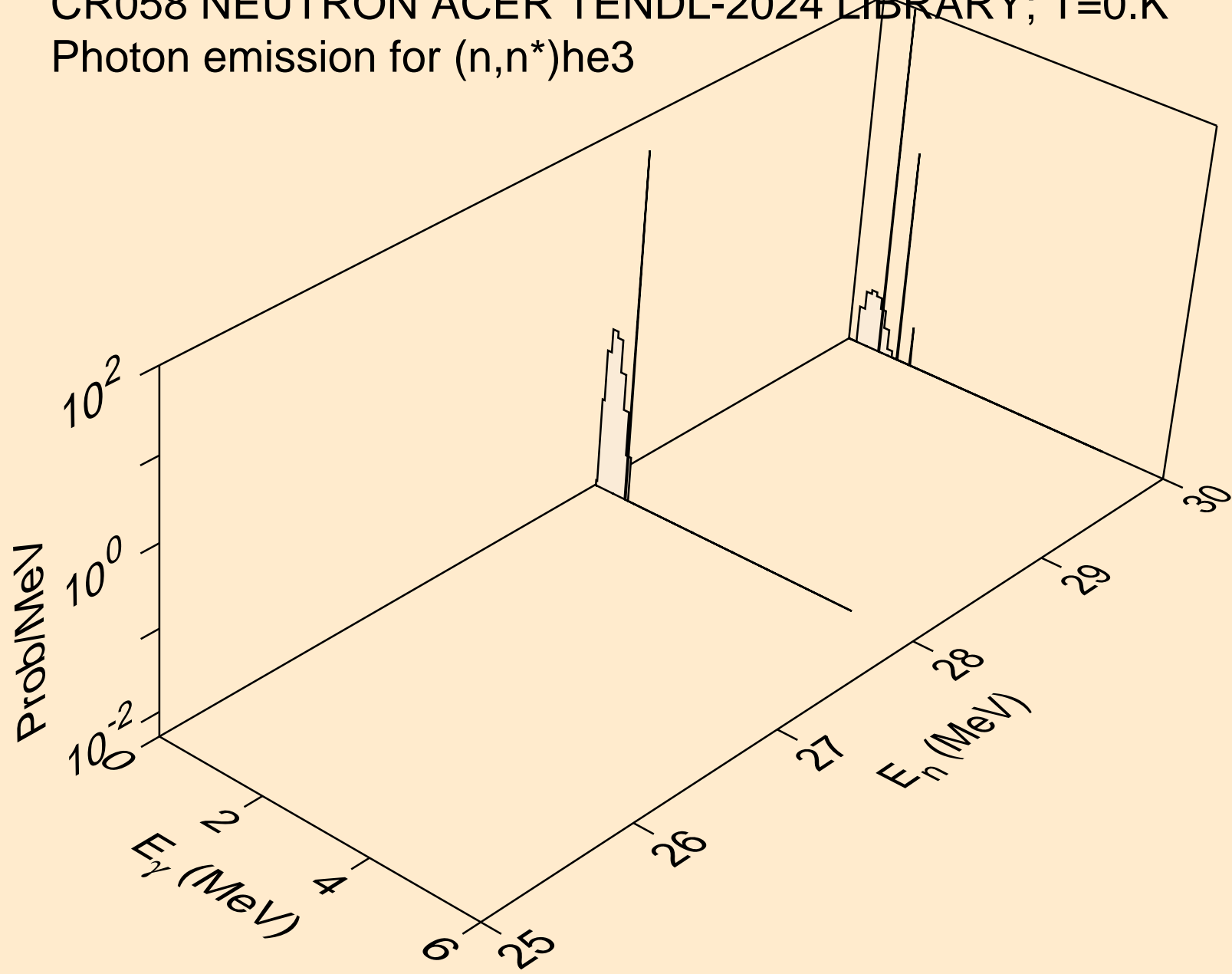
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Photon emission for (n,n\*)d



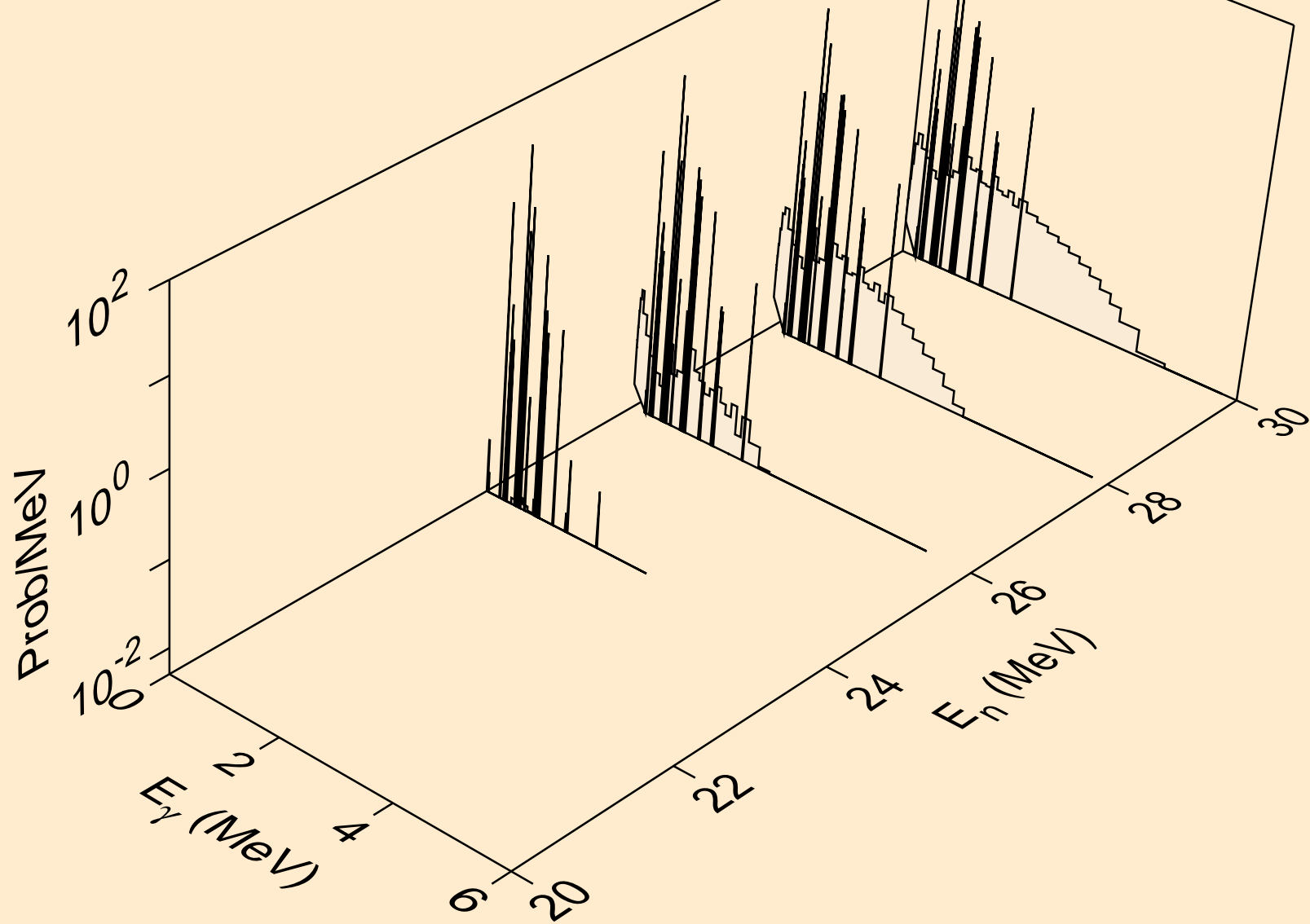
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

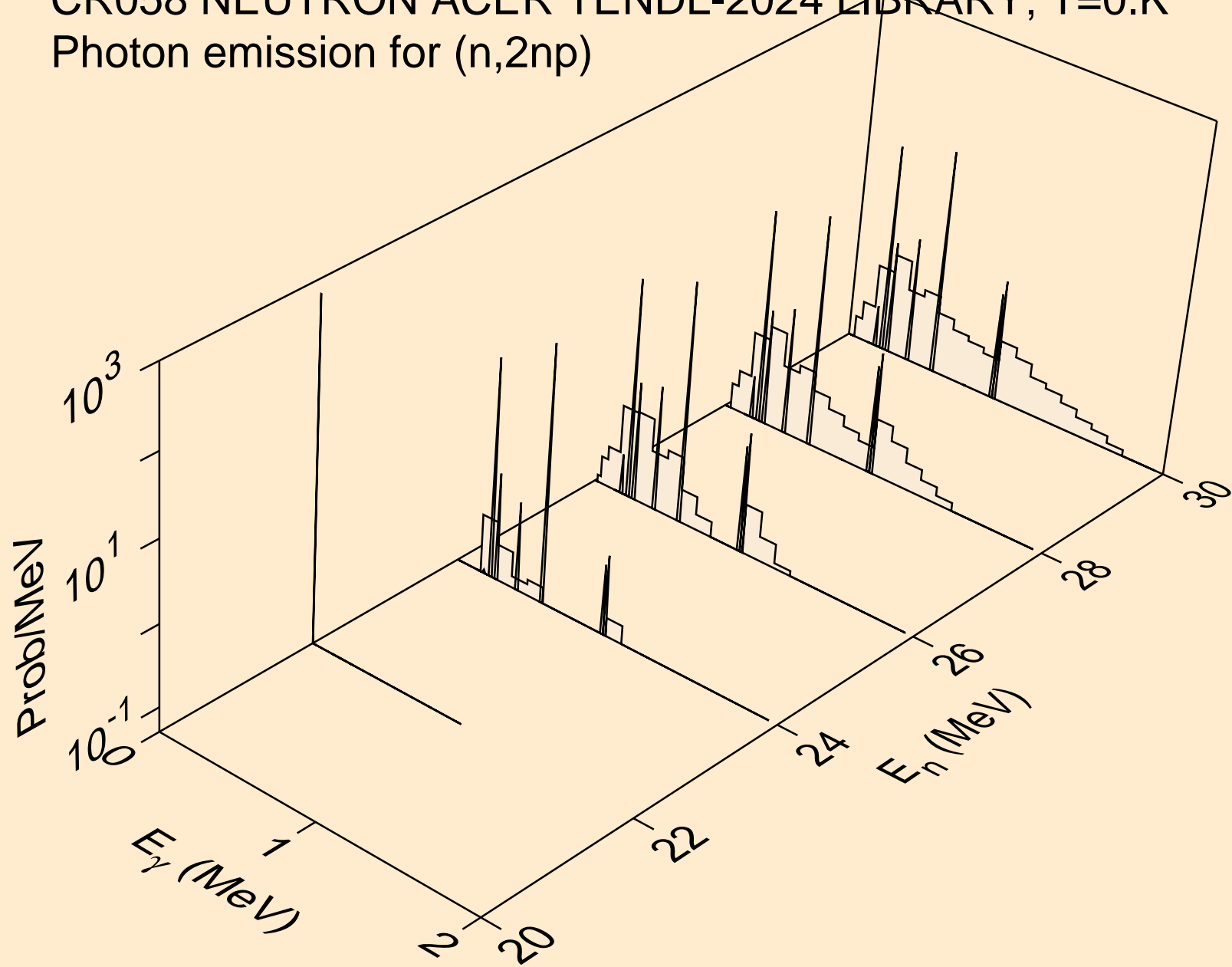


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

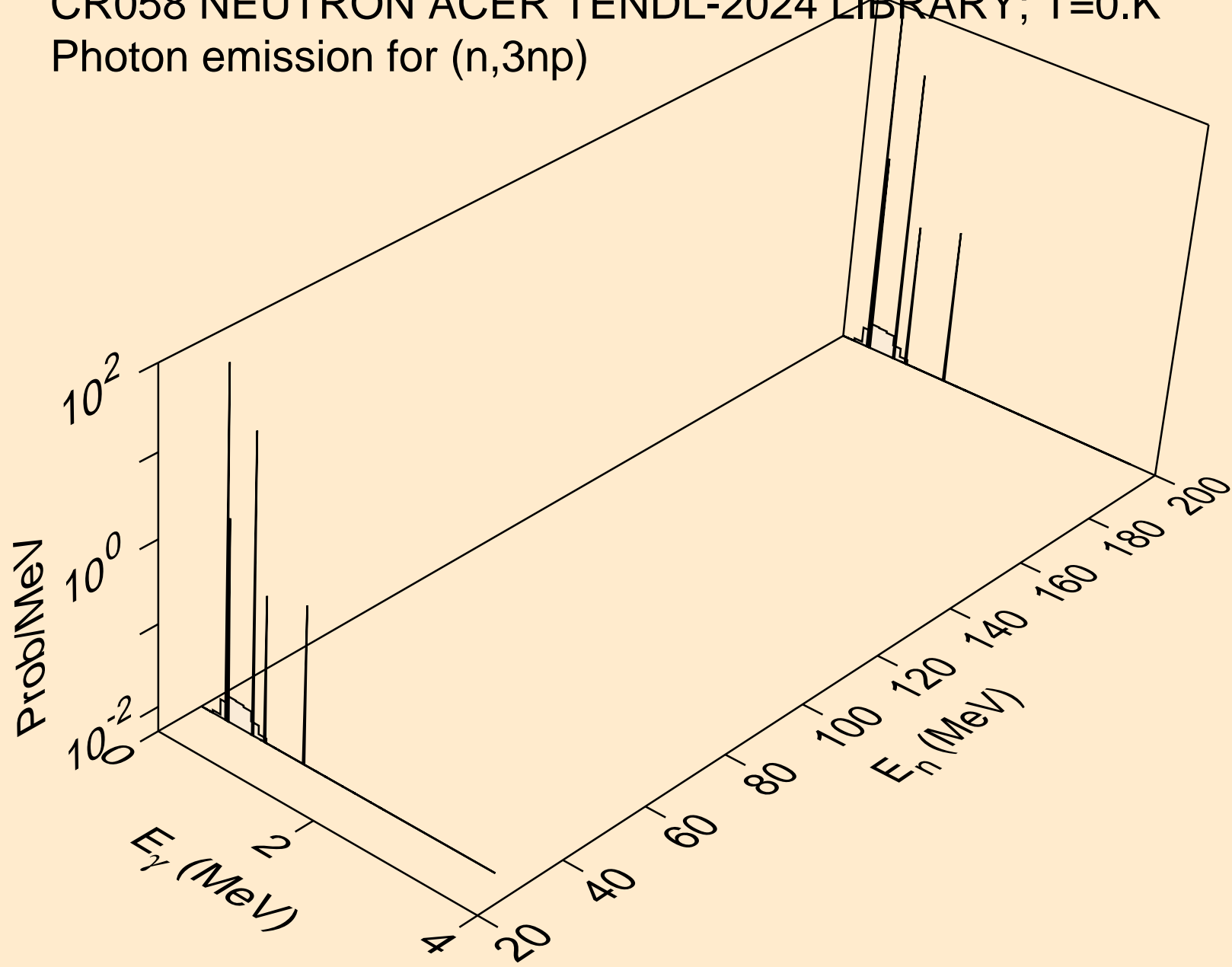




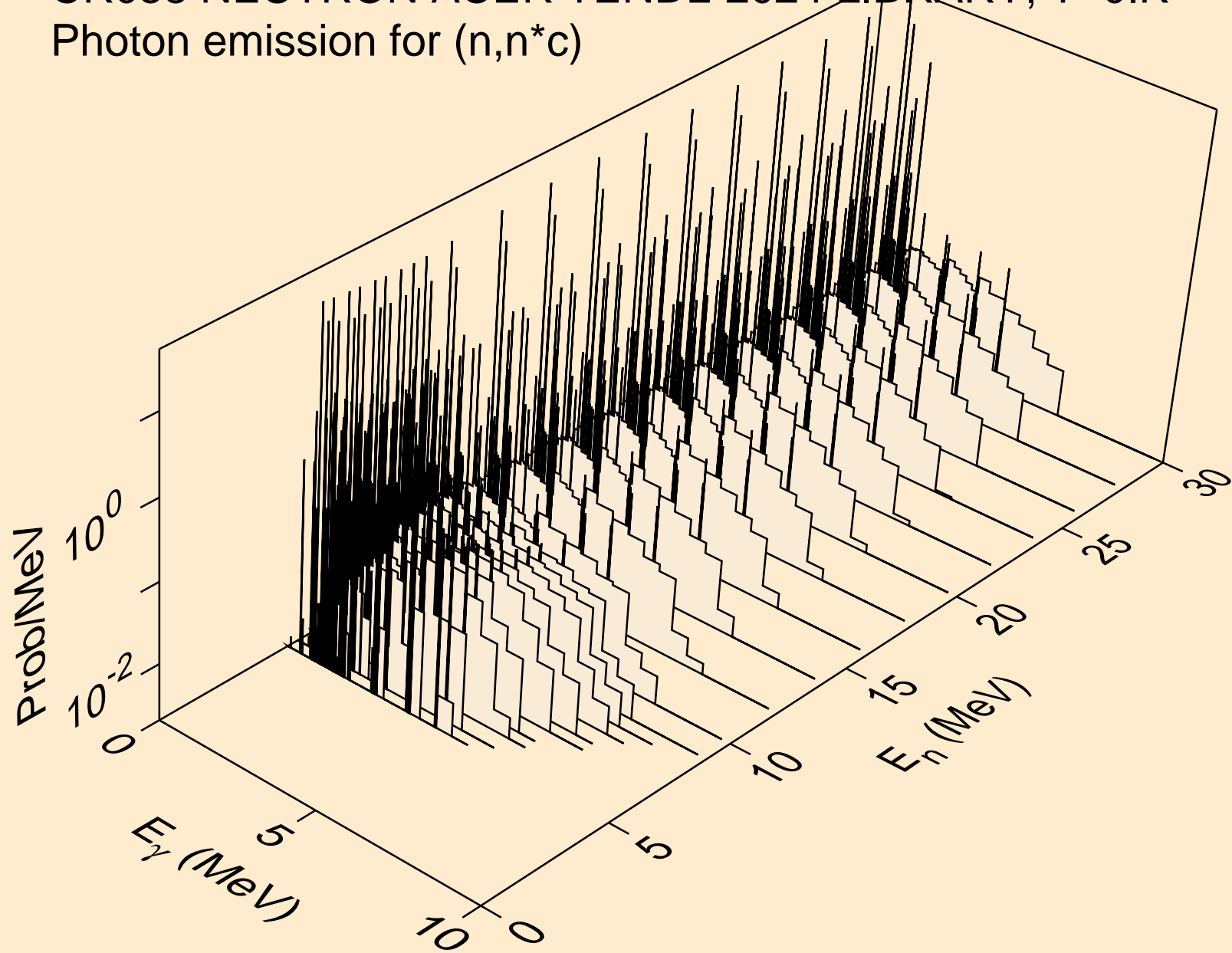
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Photon emission for (n,2np)



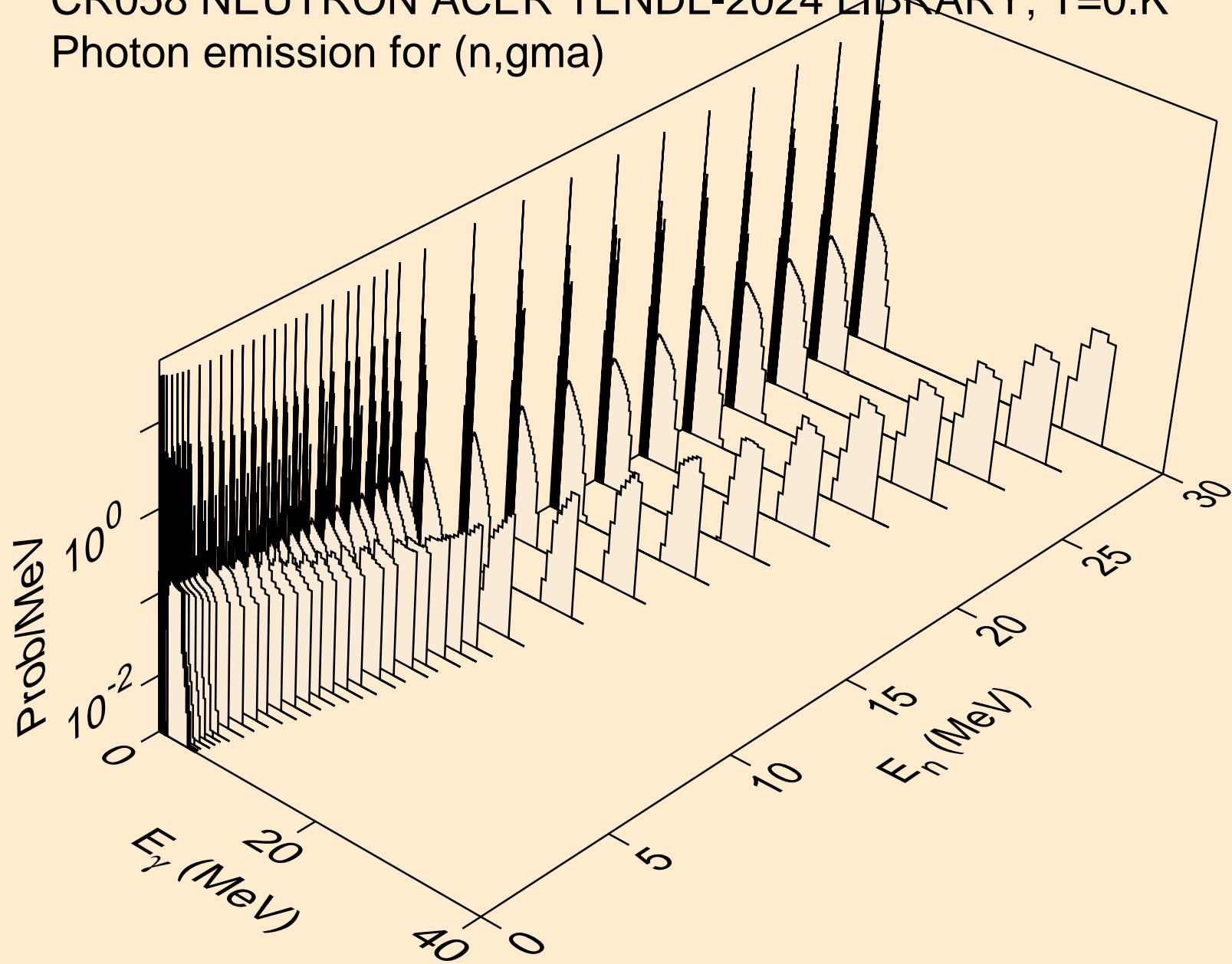
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Photon emission for (n,3np)



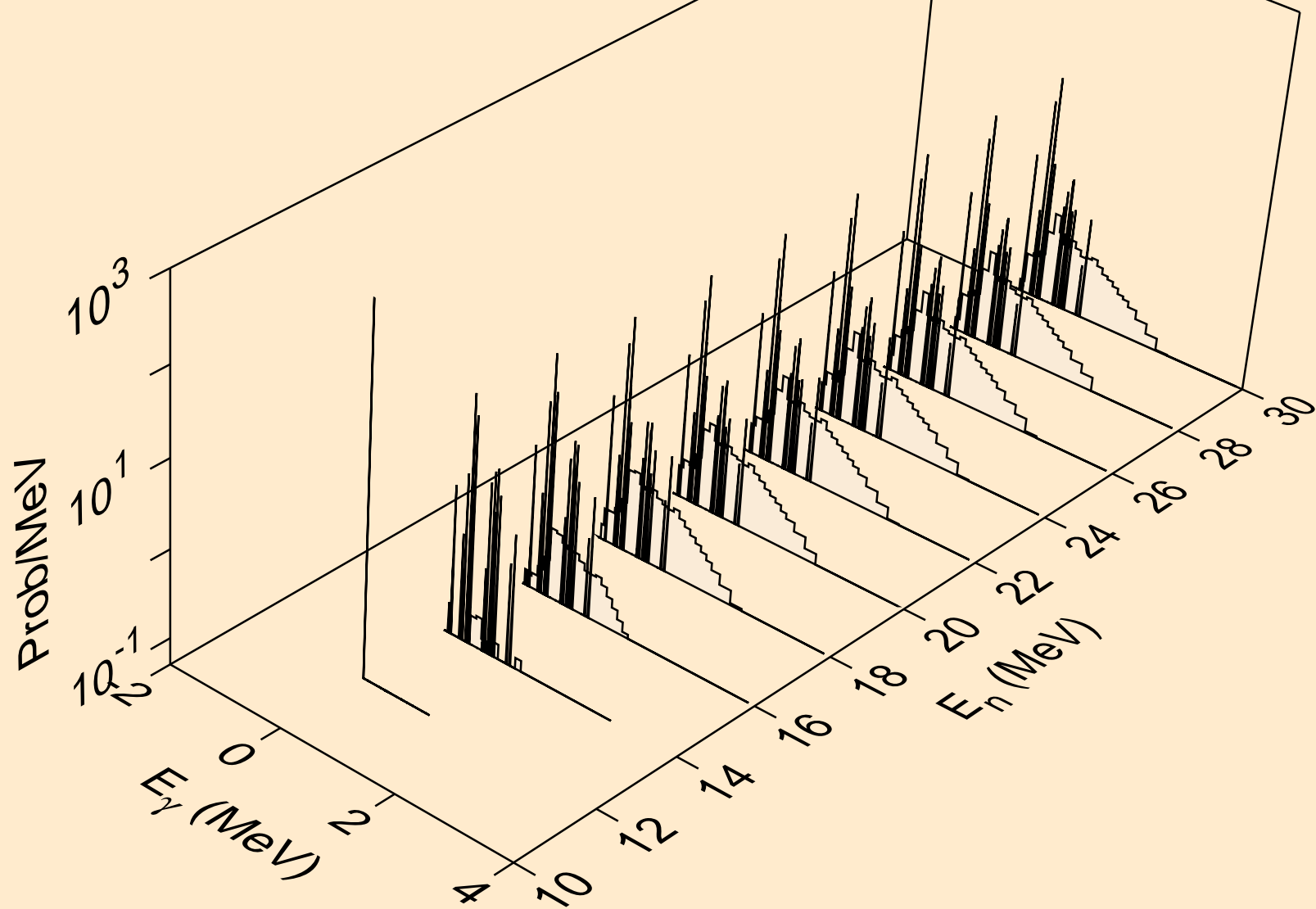
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Photon emission for (n,n\*c)



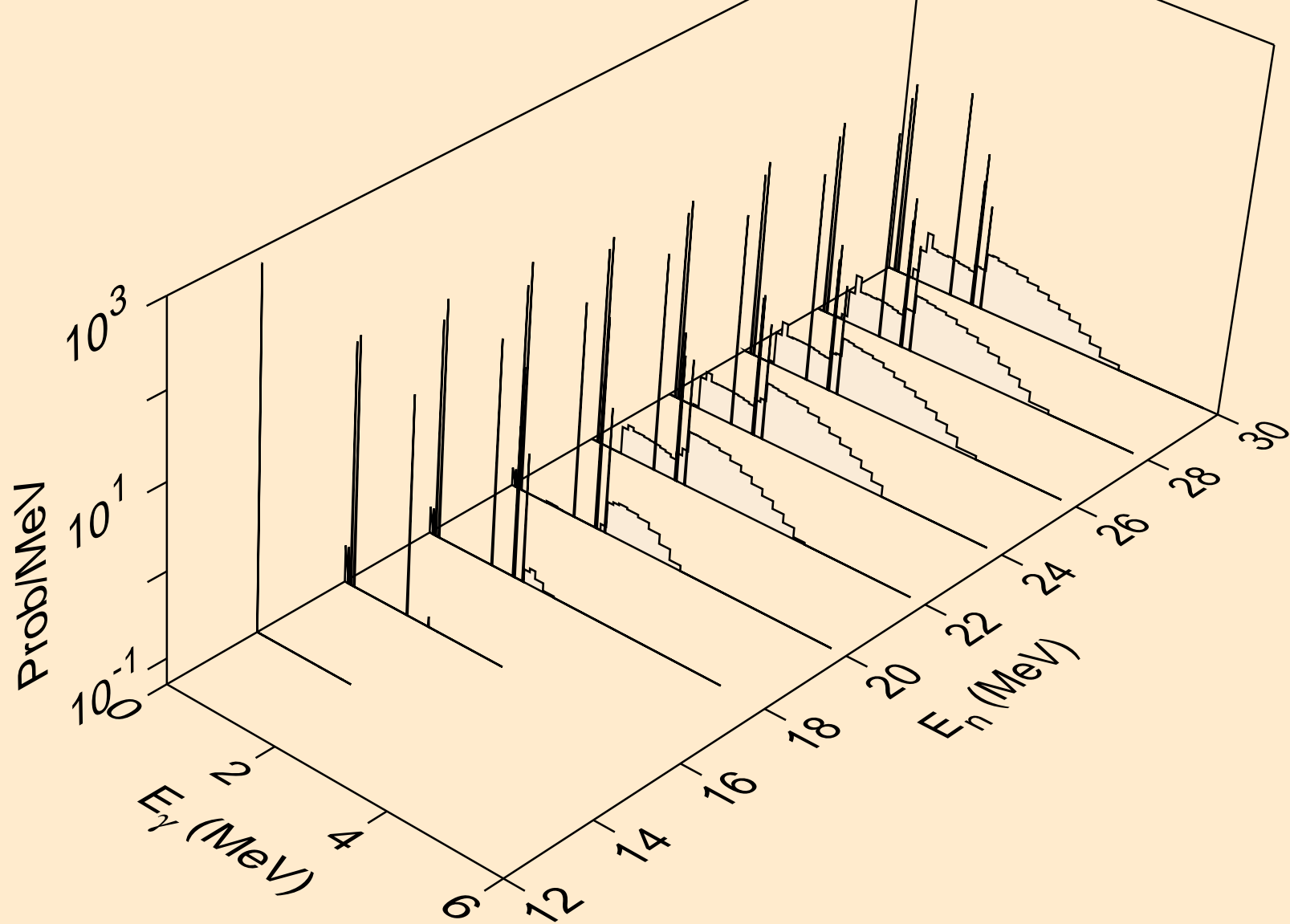
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Photon emission for (n,gma)



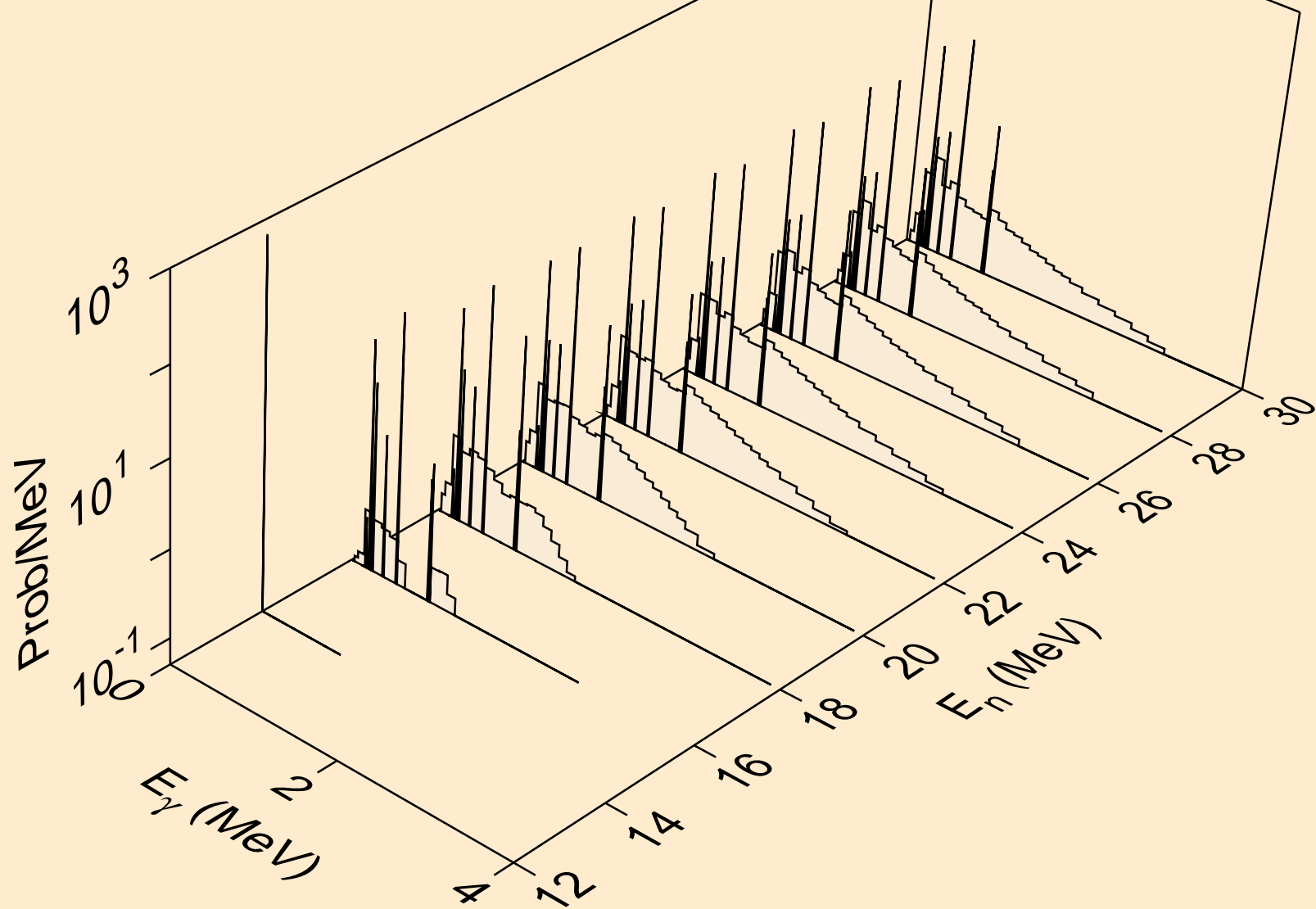
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



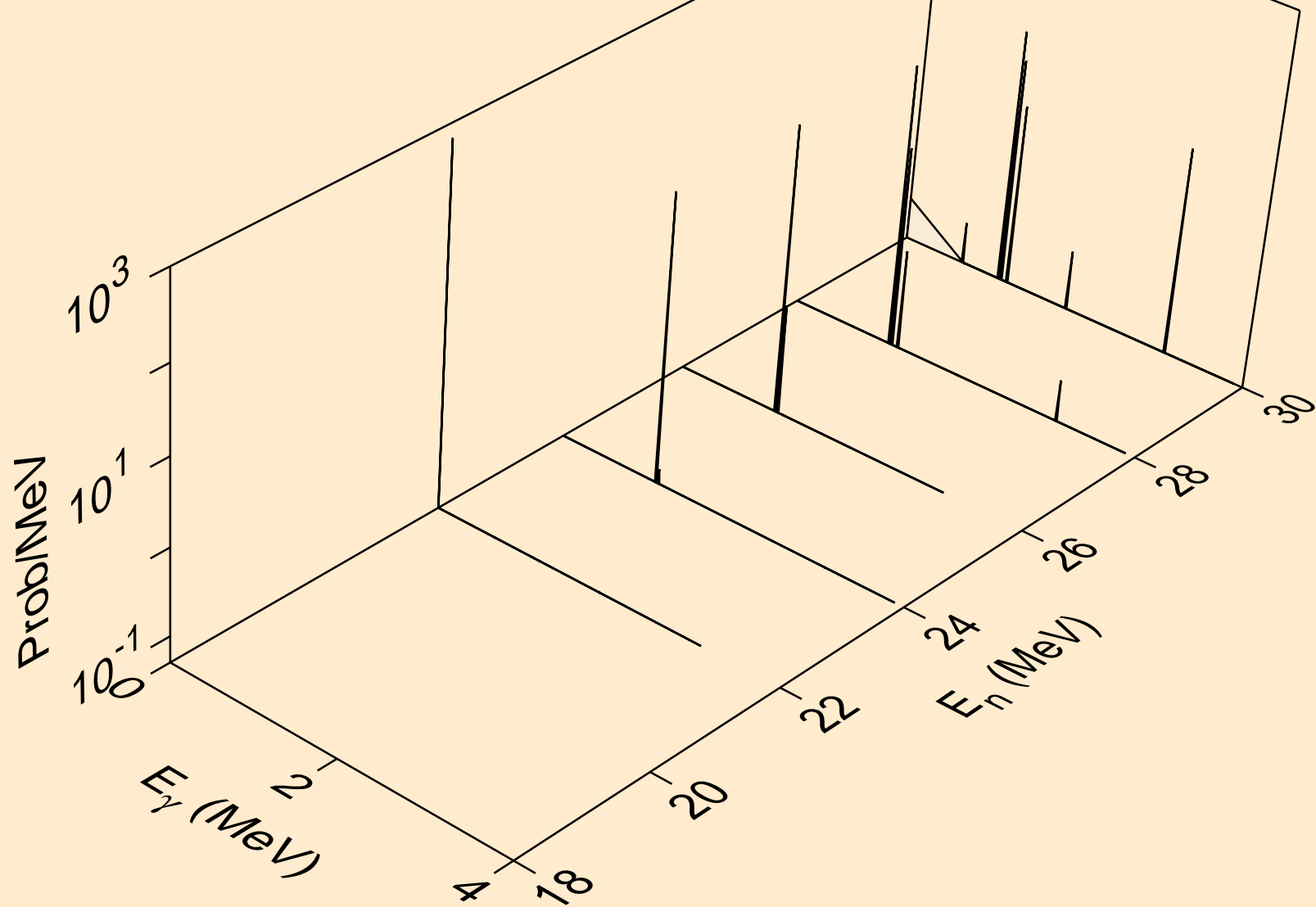
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

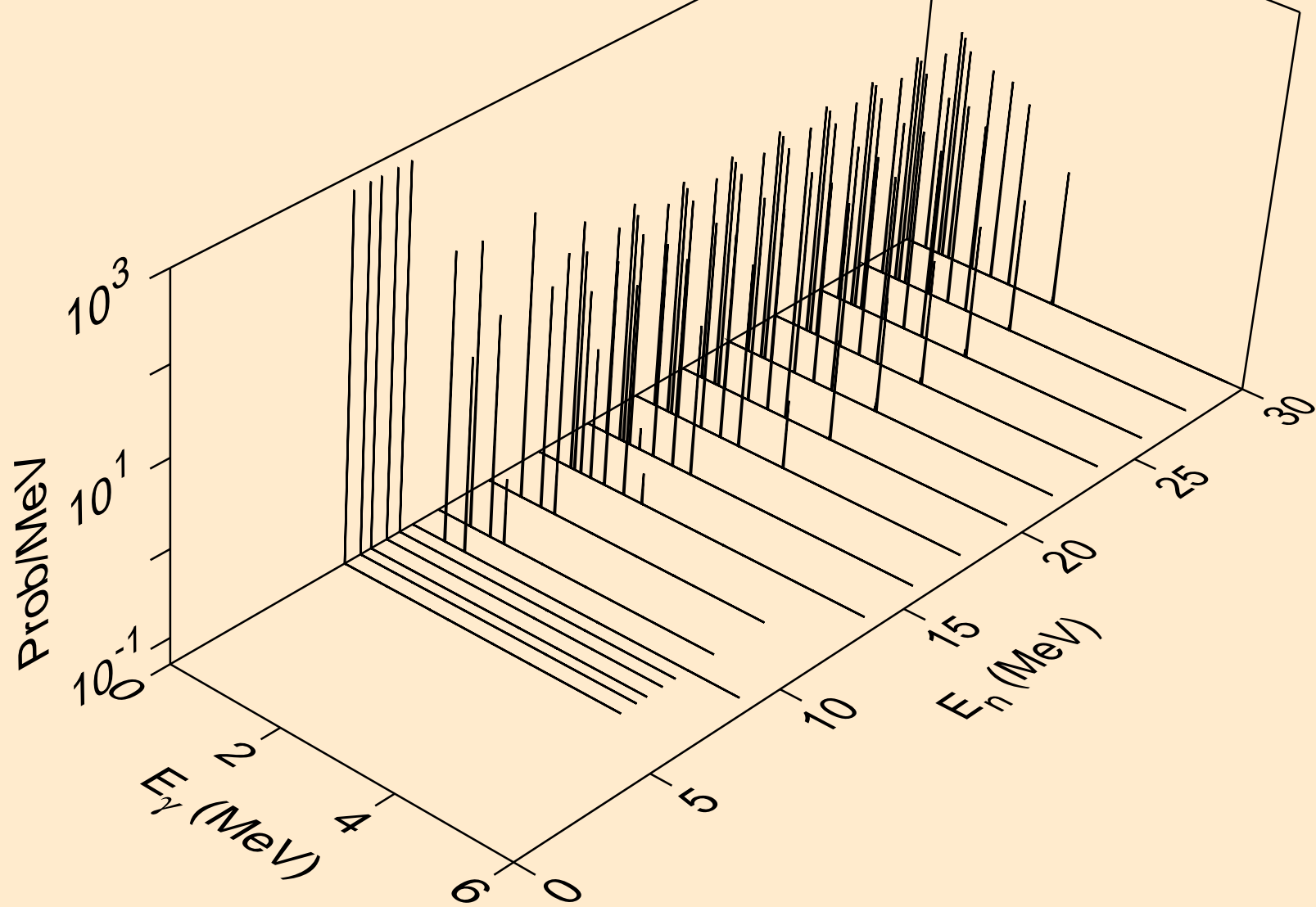


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

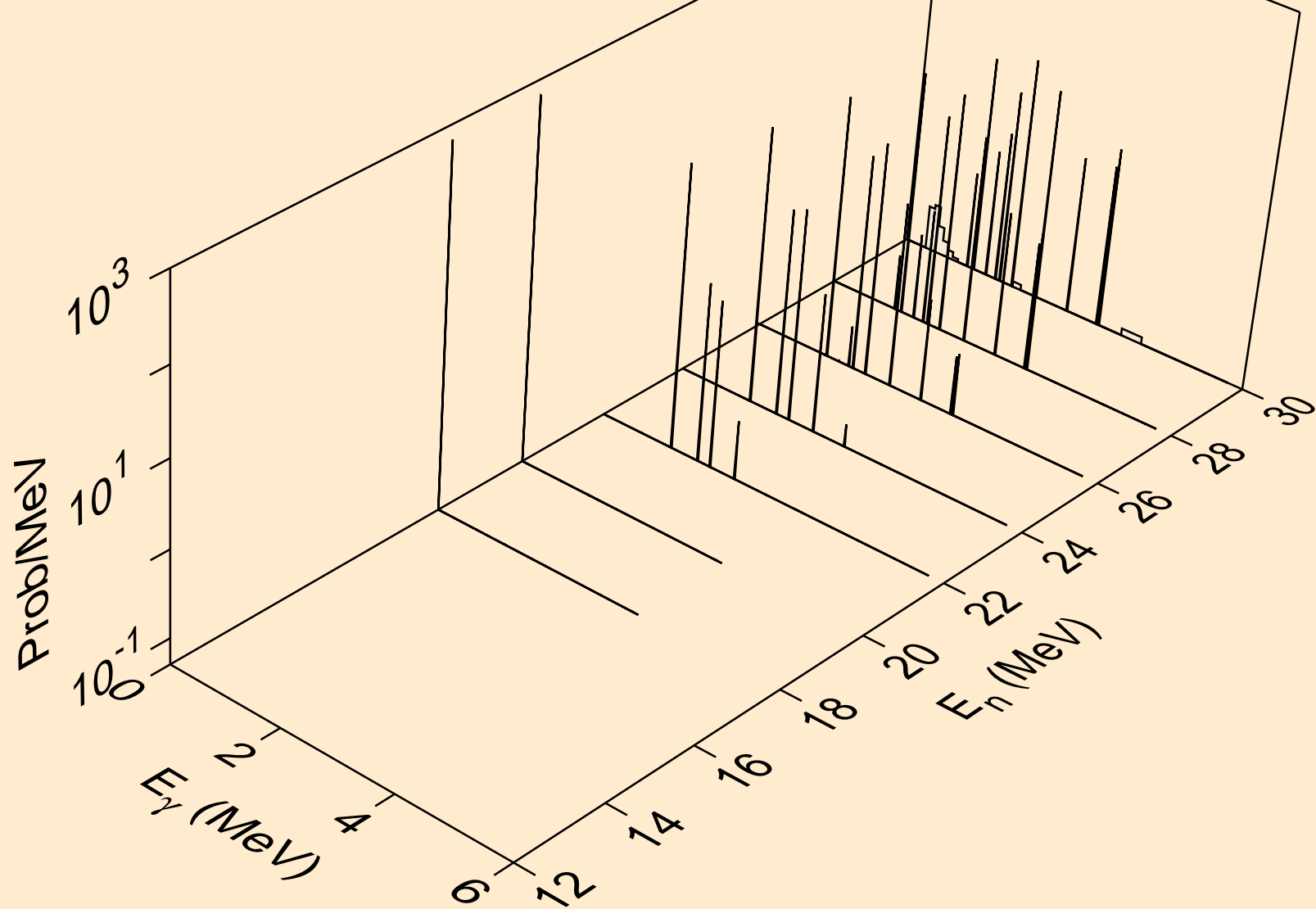




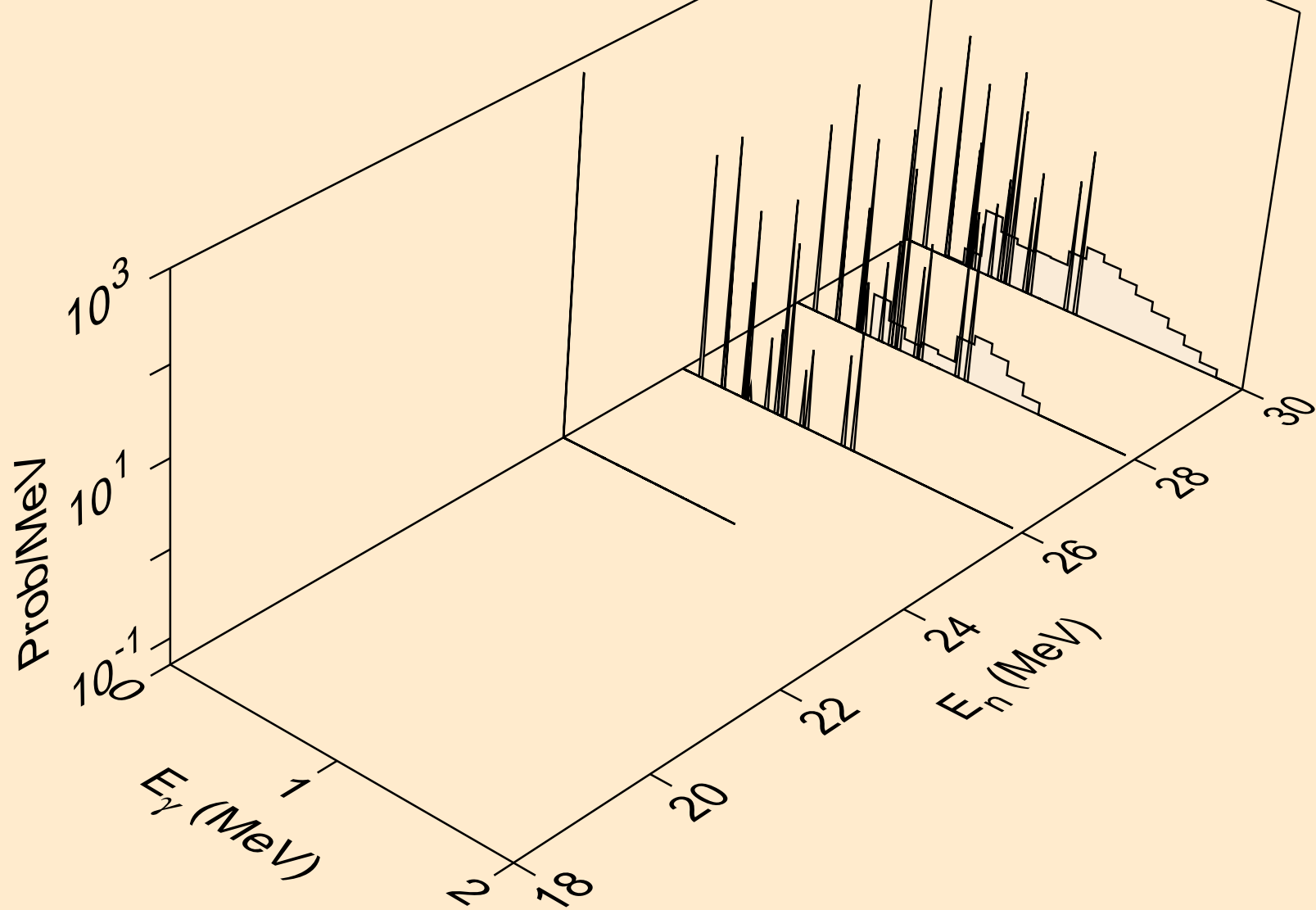
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Photon emission for (n,a)



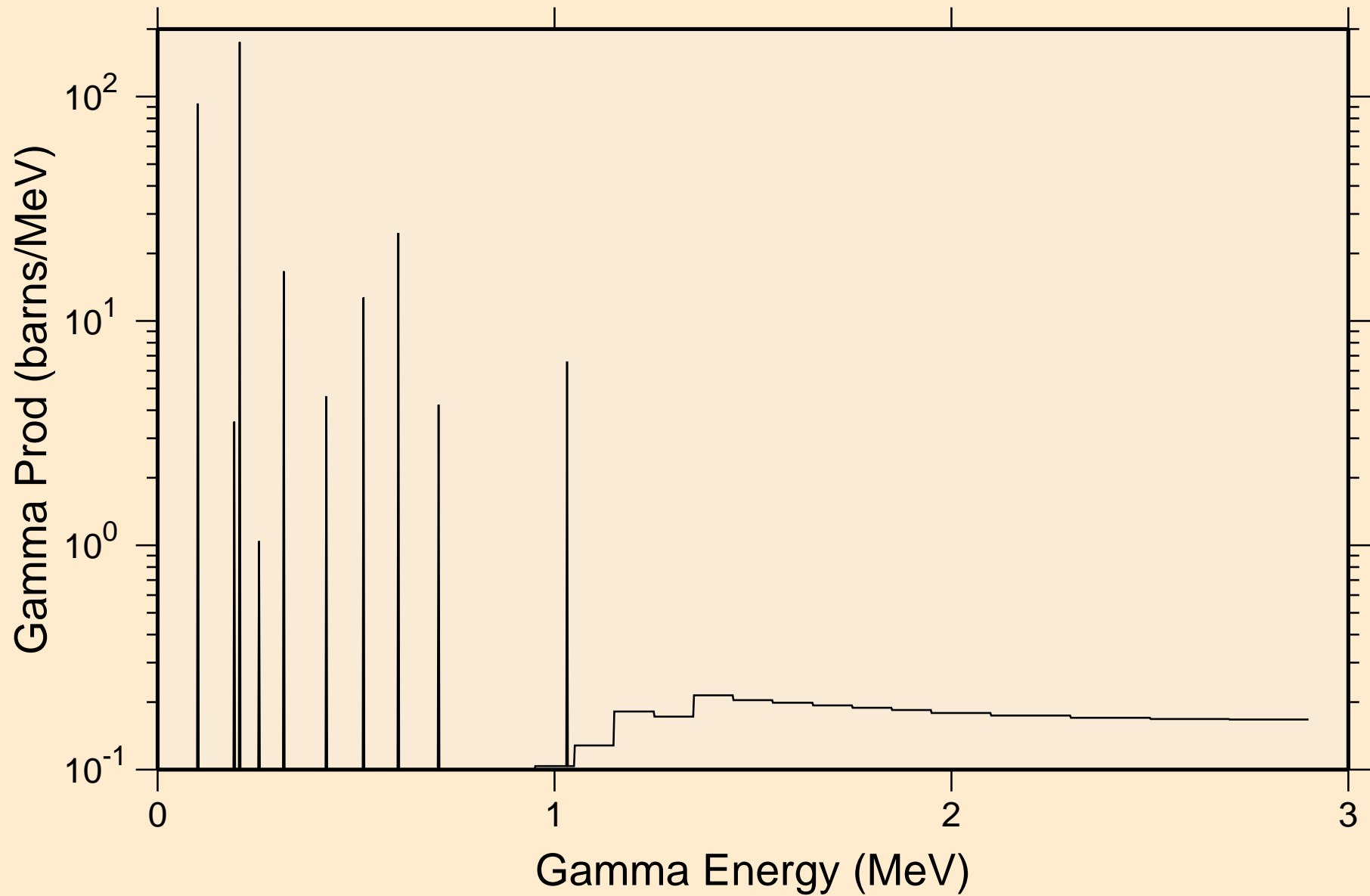
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Photon emission for (n,2a)



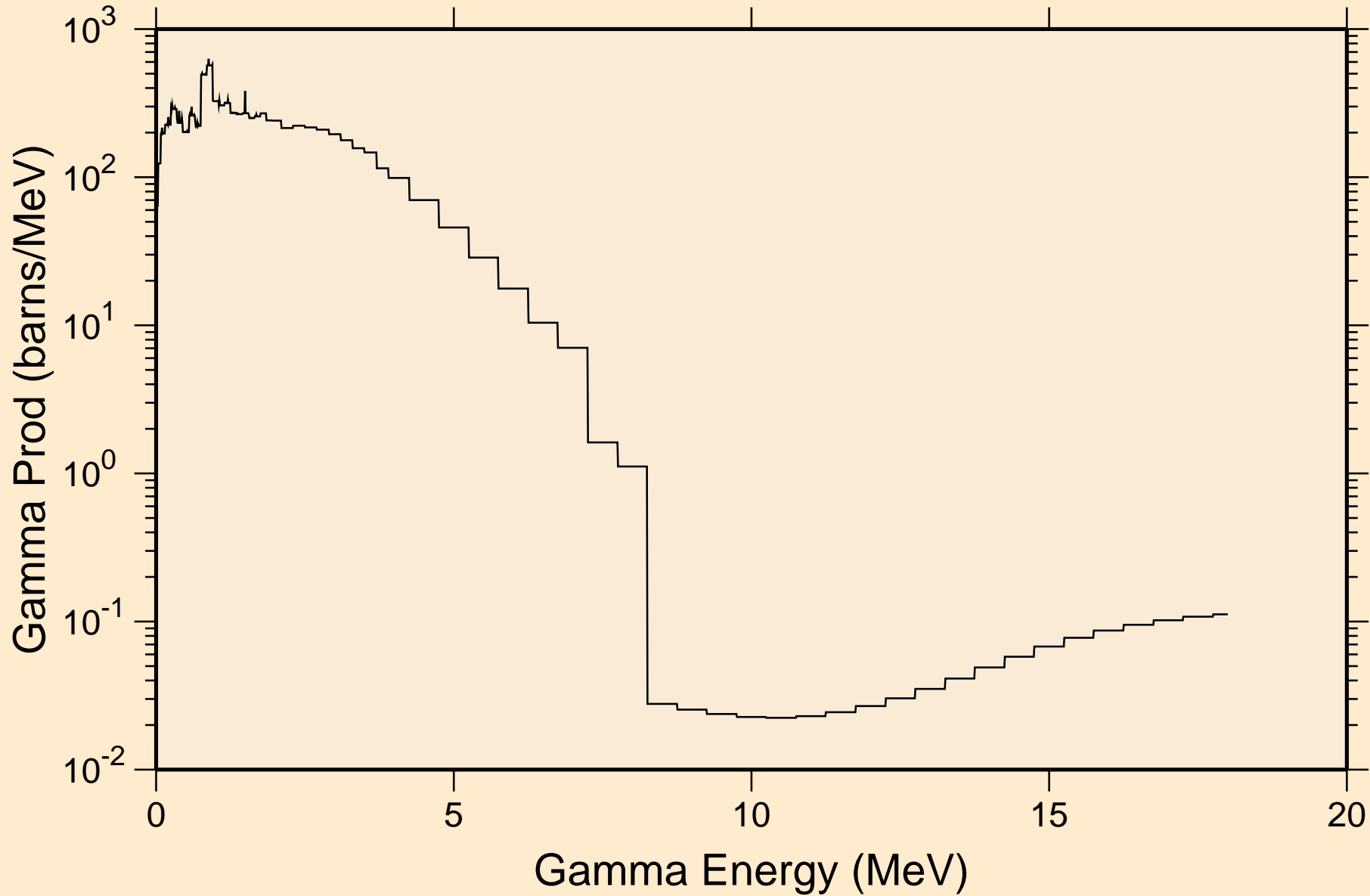
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

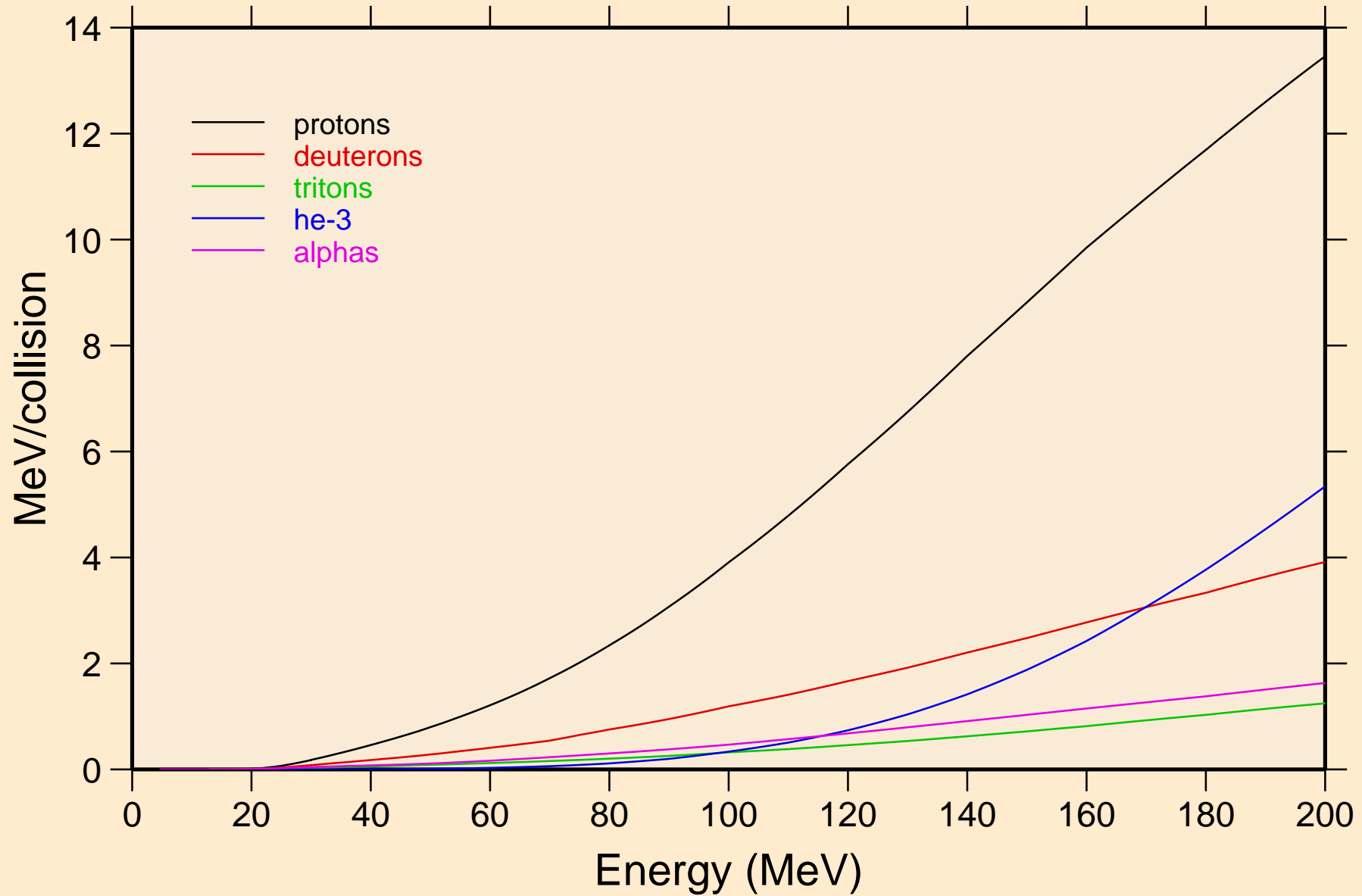


CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



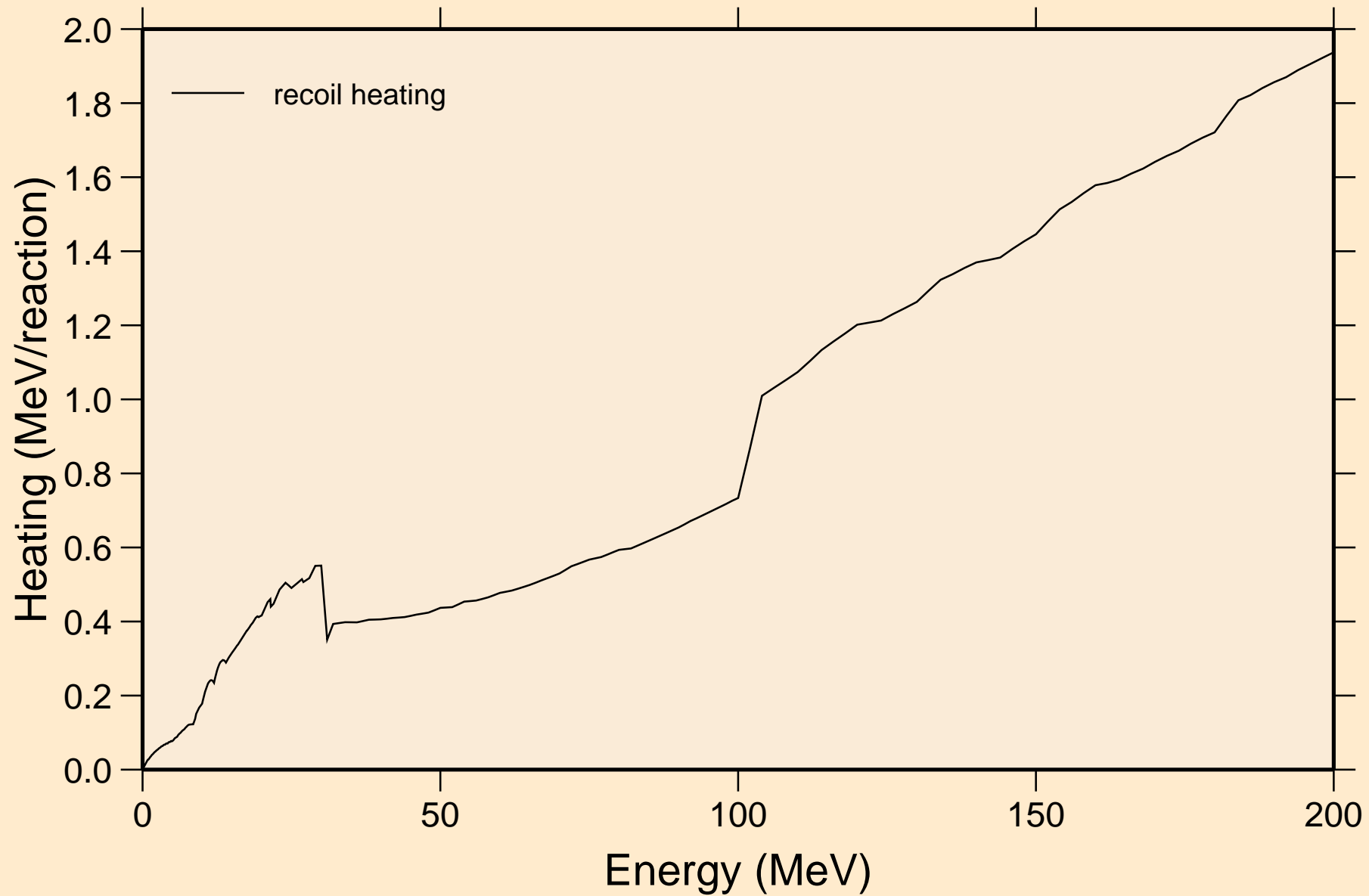
# CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



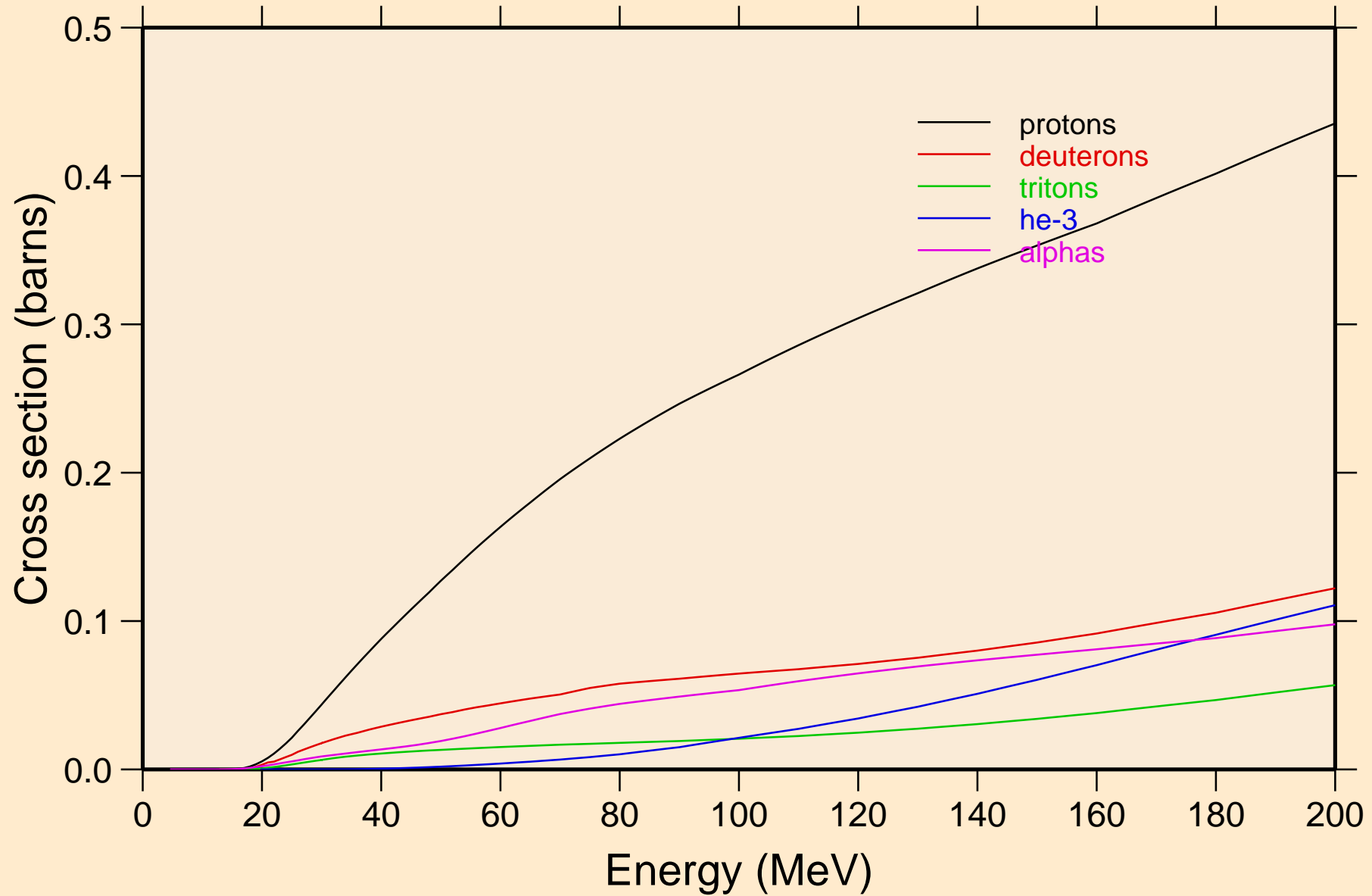
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## Recoil Heating



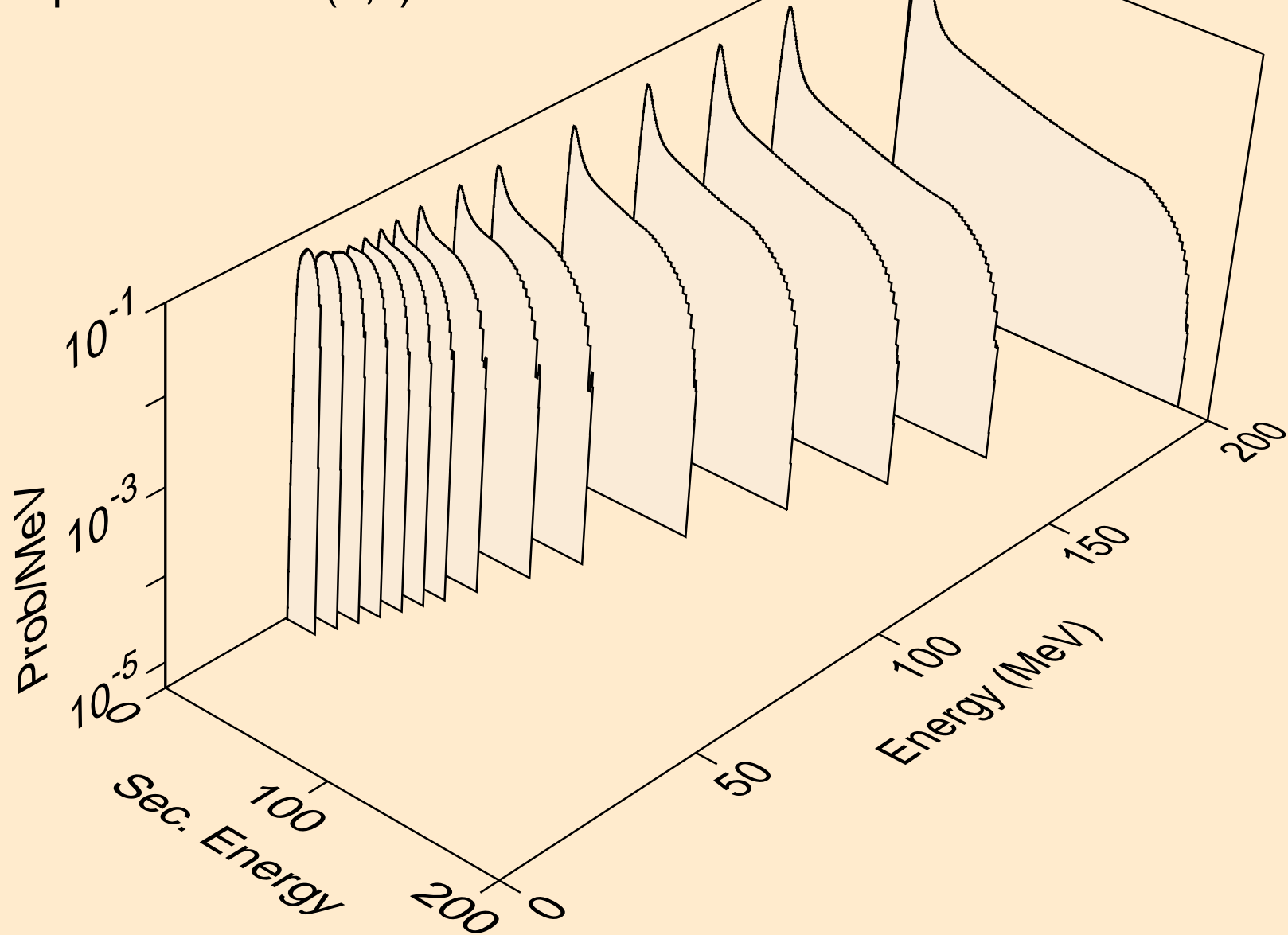
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## Particle production cross sections

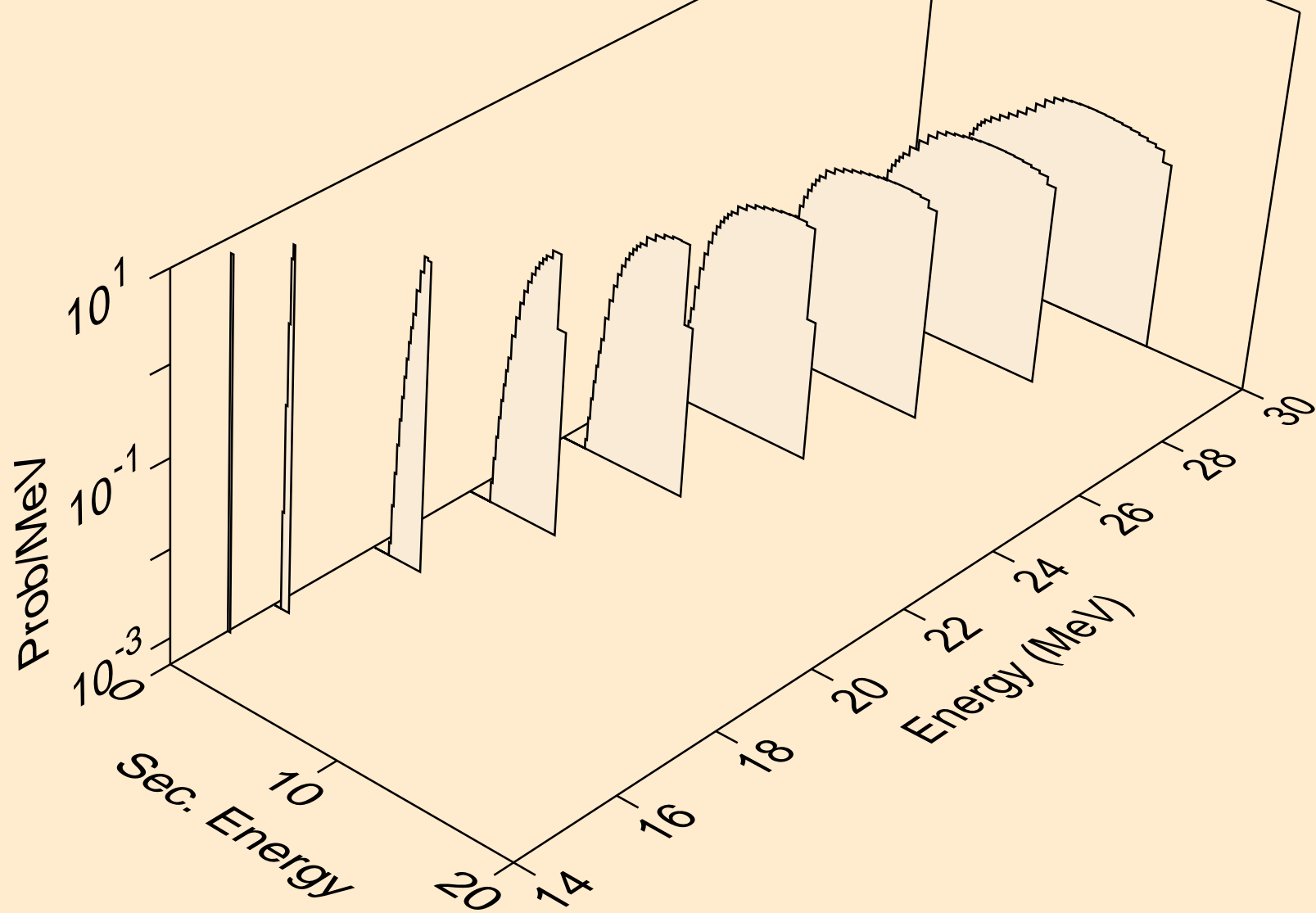




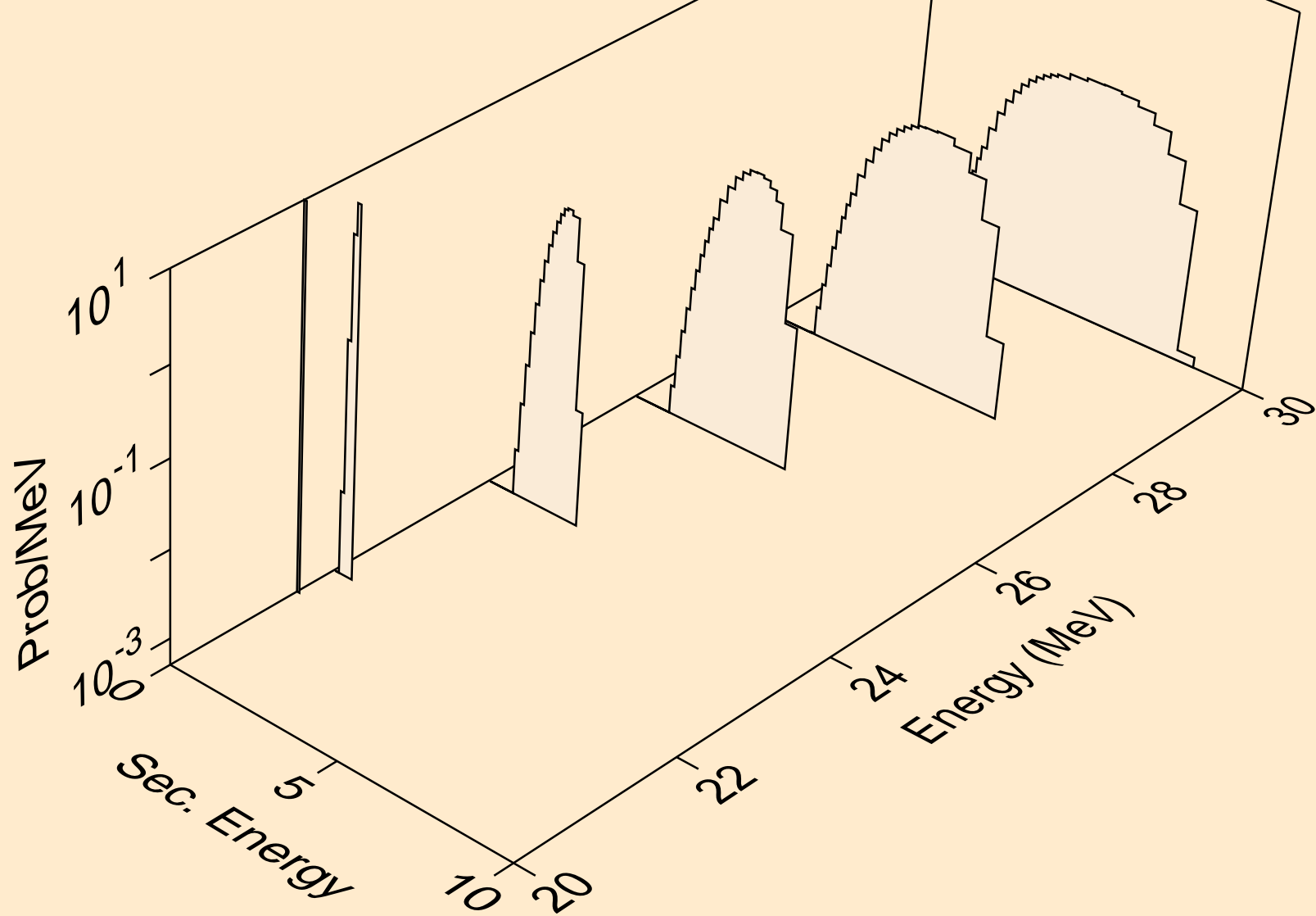
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



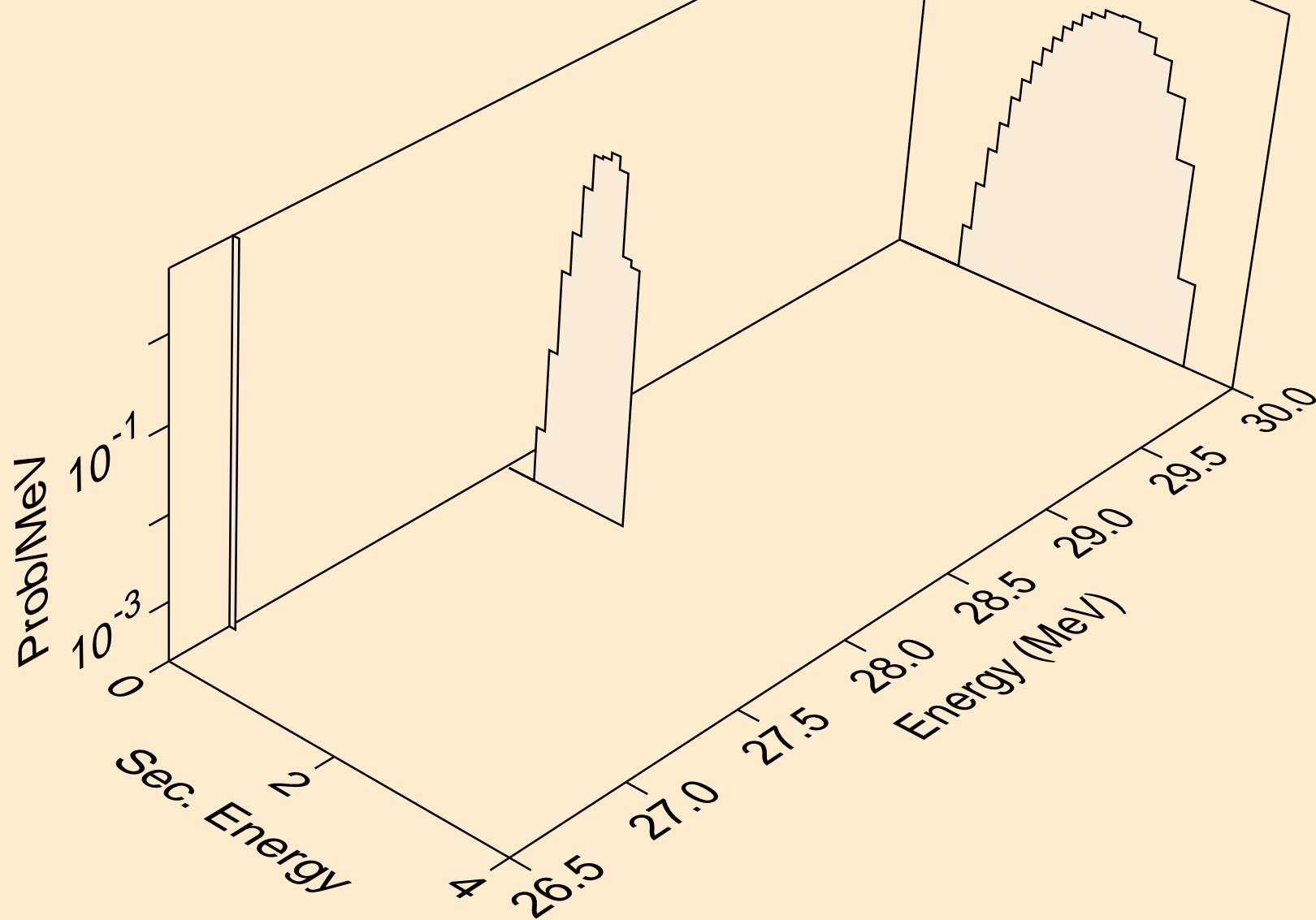
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protons from (n,n\*)p



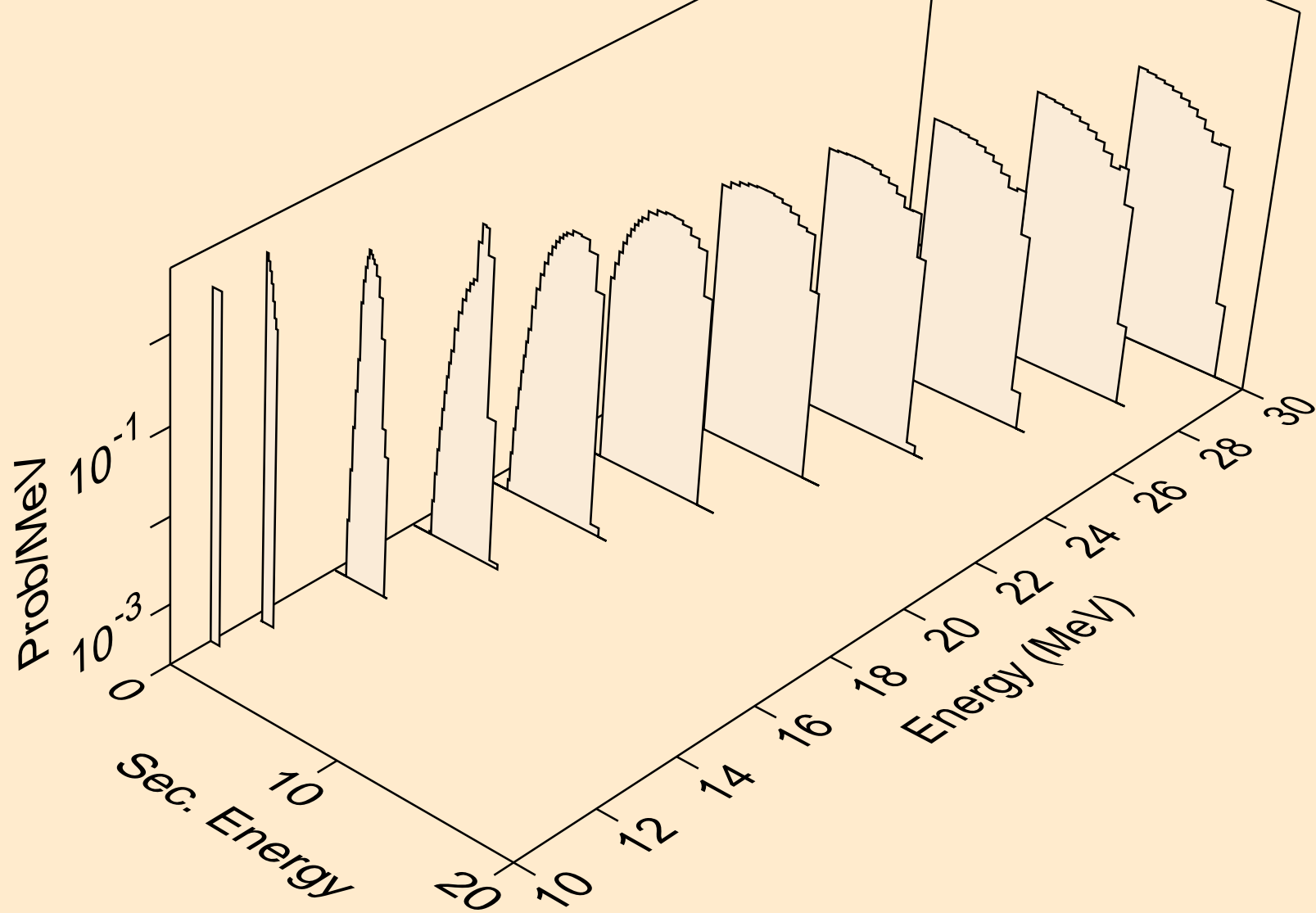
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protons from (n,2np)



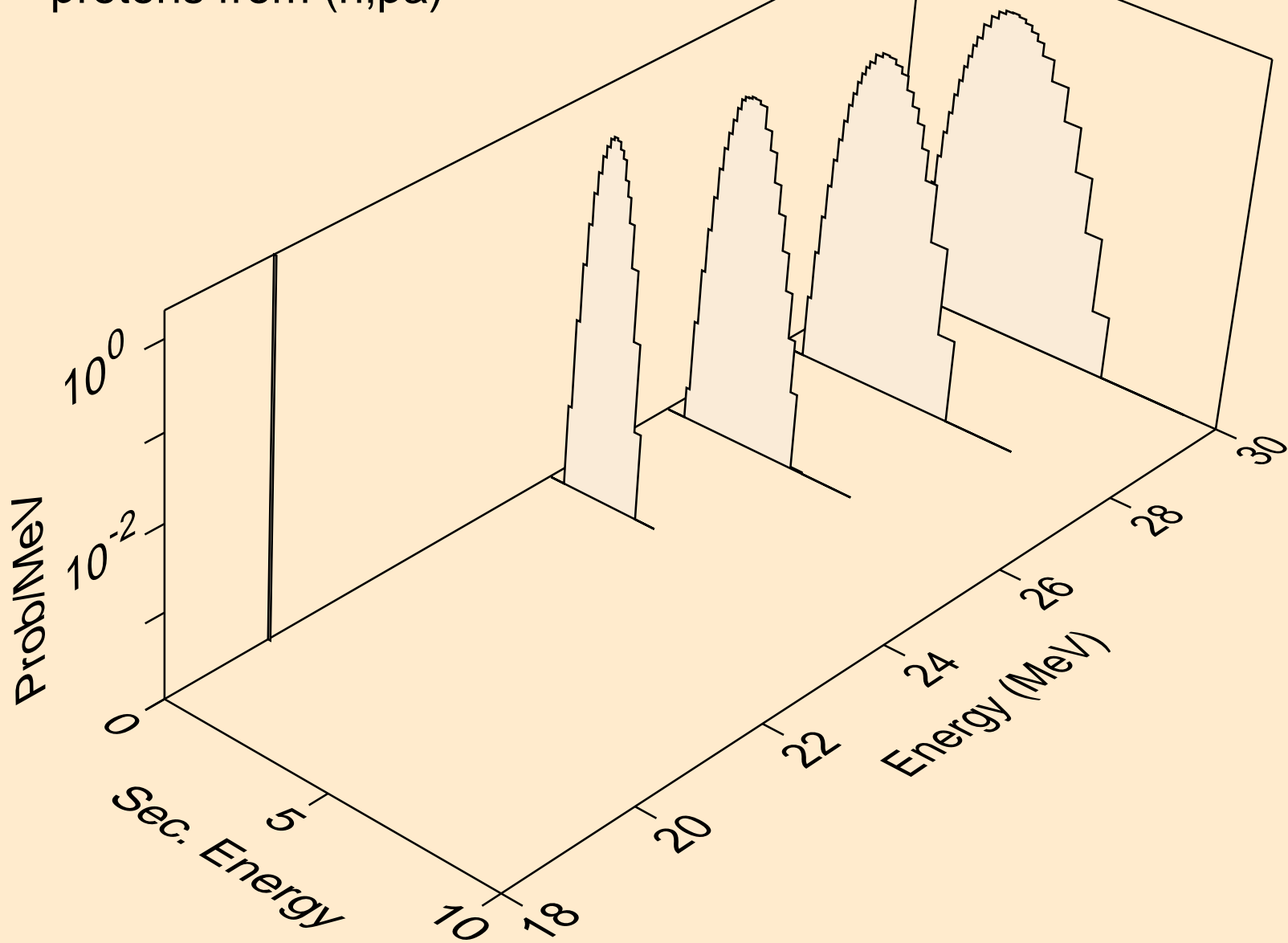
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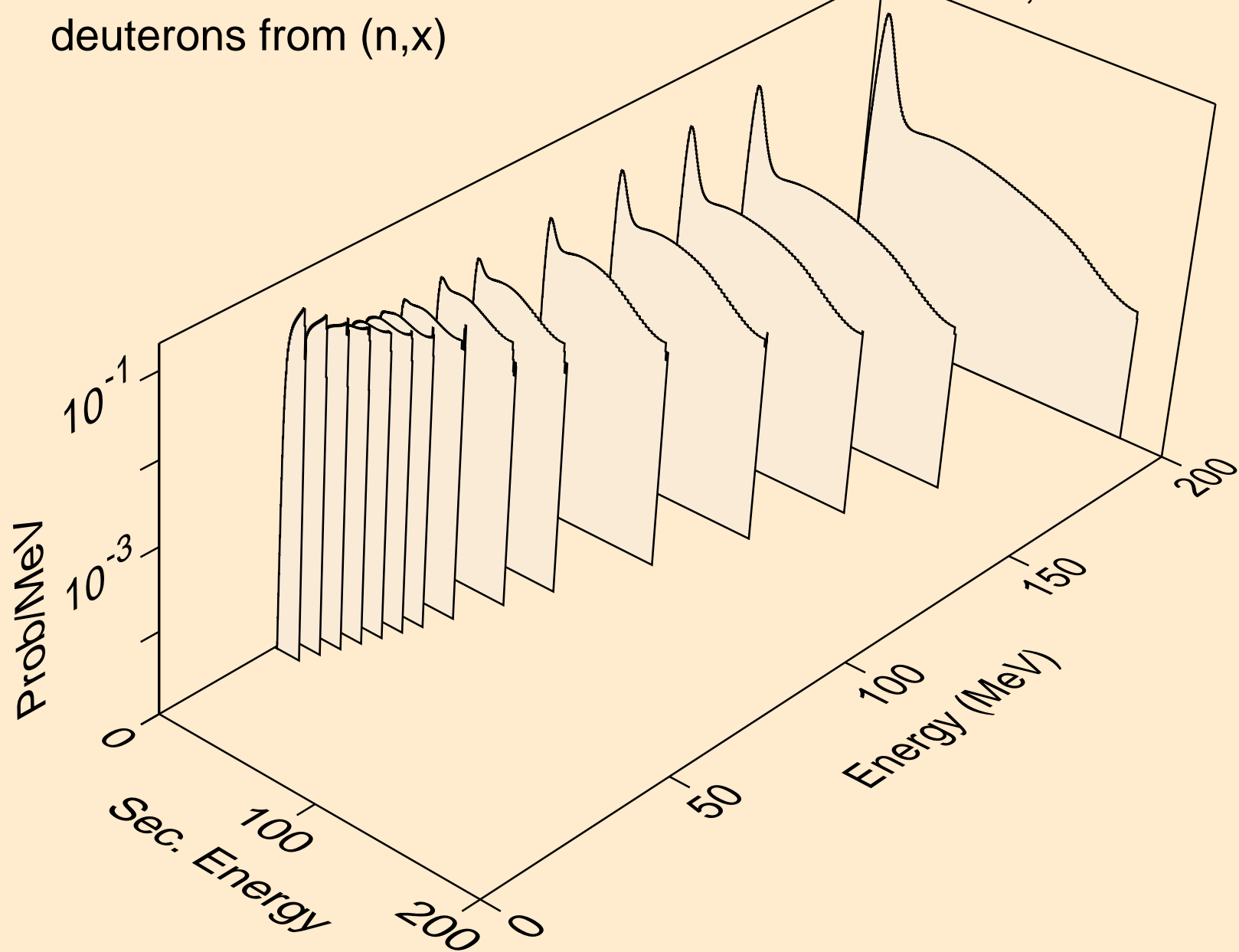
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protons from (n,p)



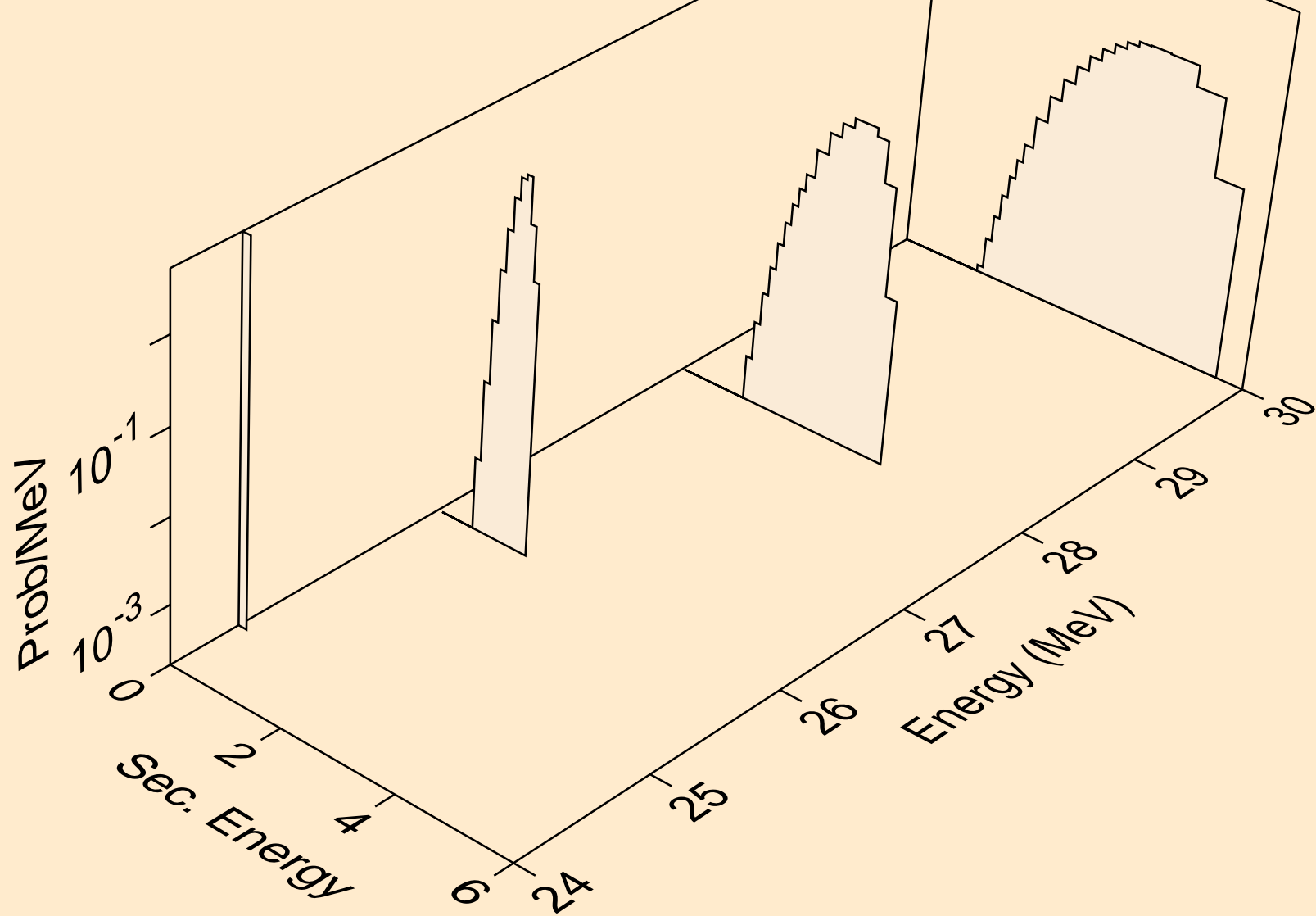
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protons from (n,p)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

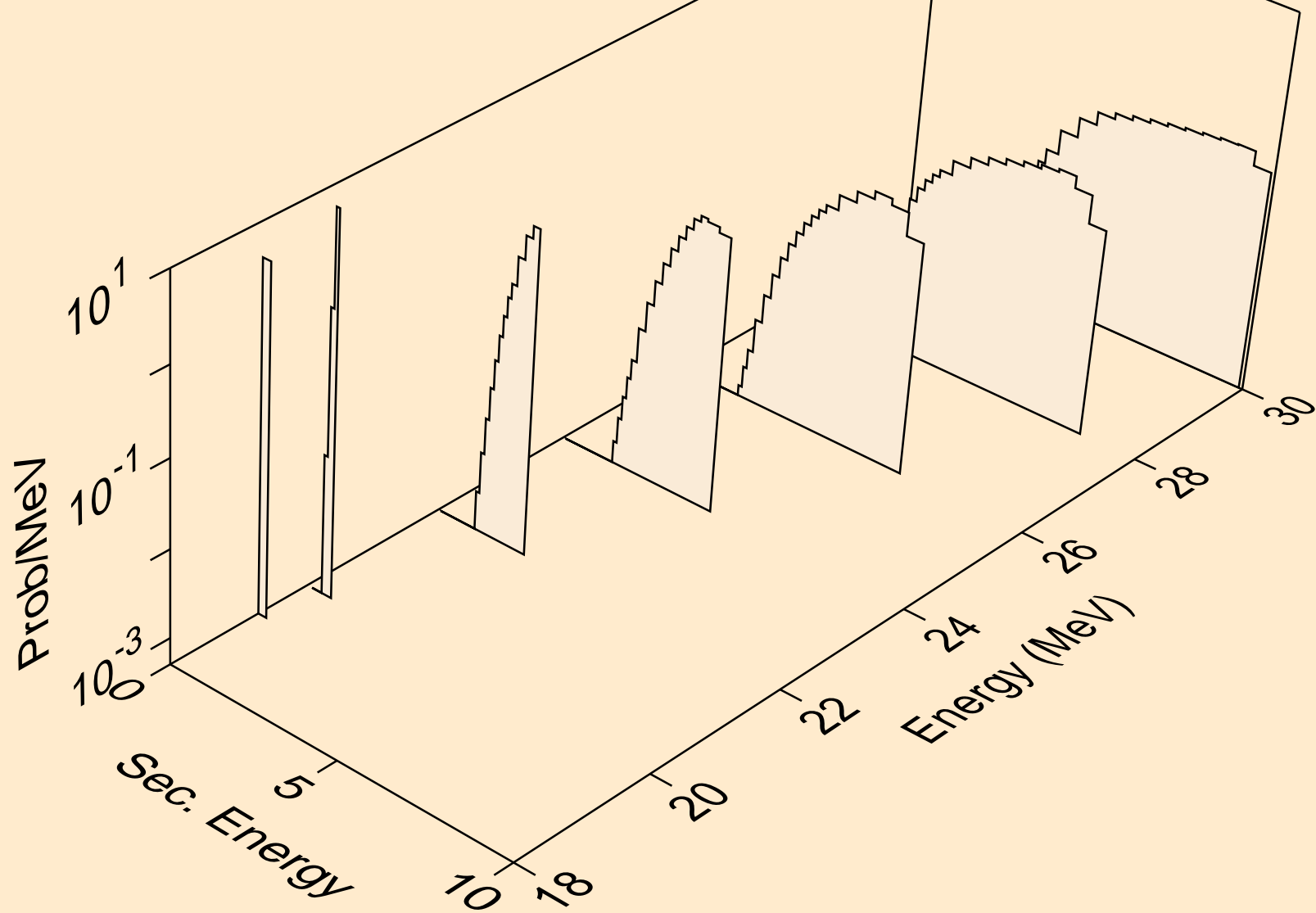


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deuterons from (n,2nd)

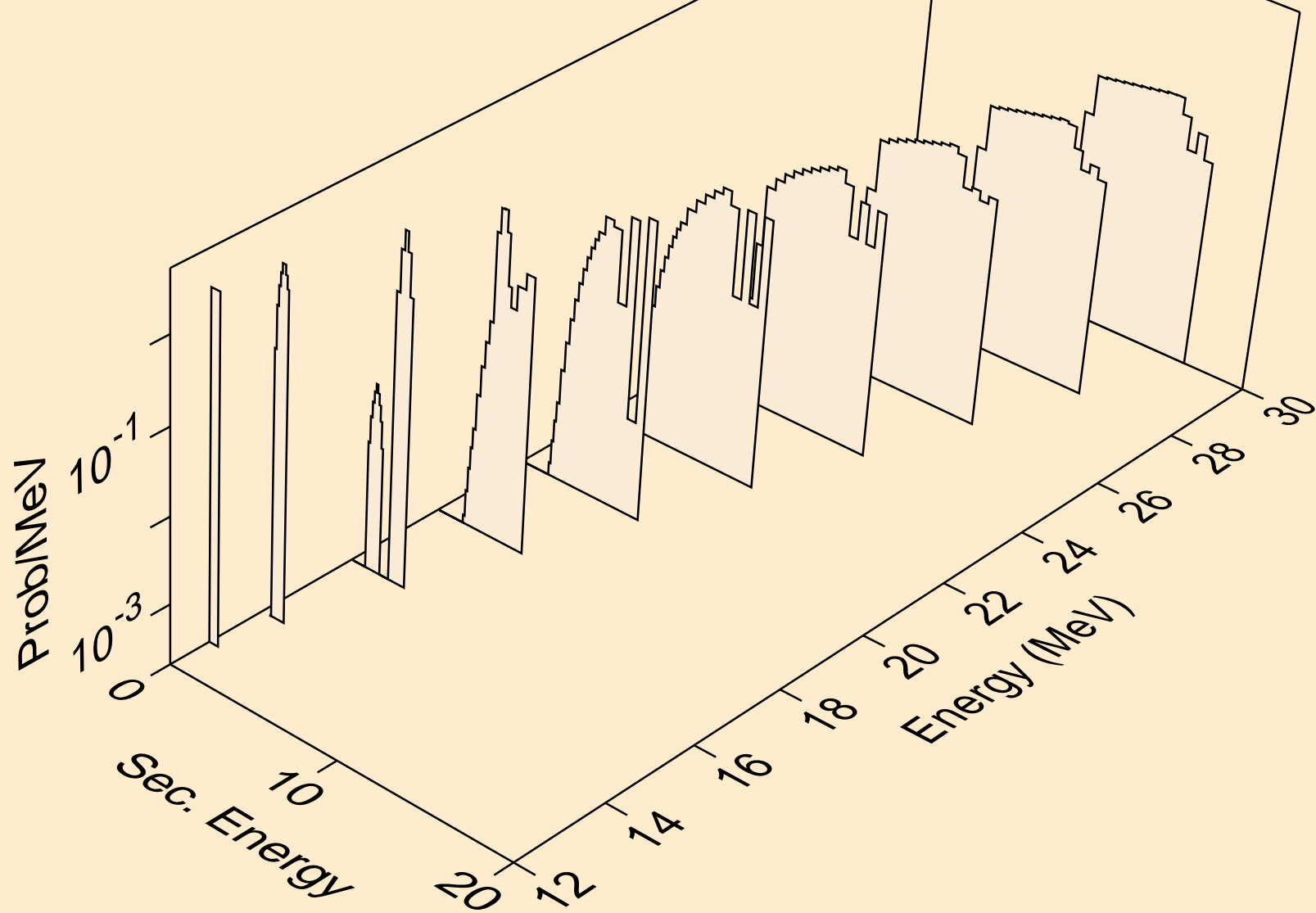




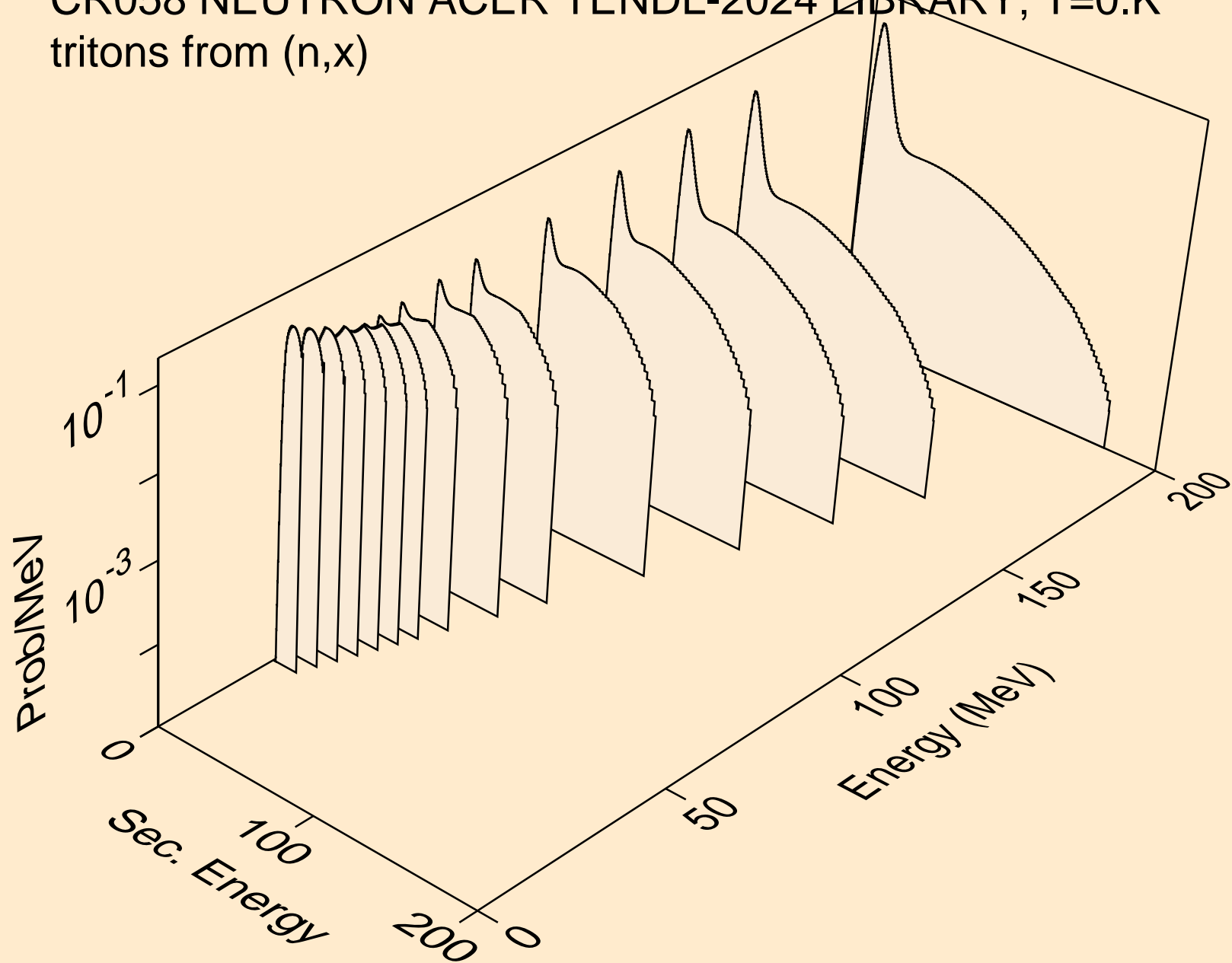
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deuterons from (n,n\*)d



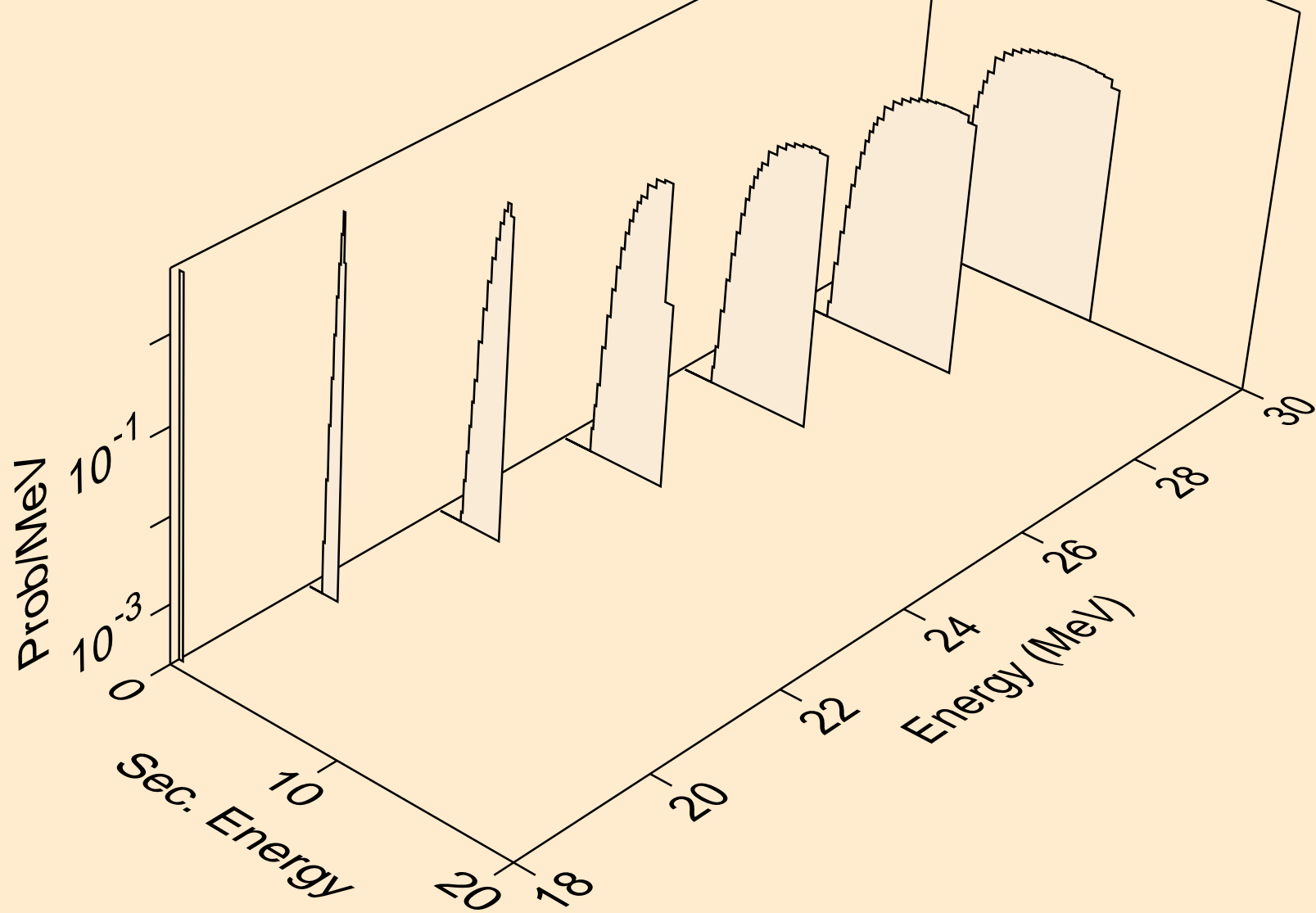
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deuterons from (n,d)



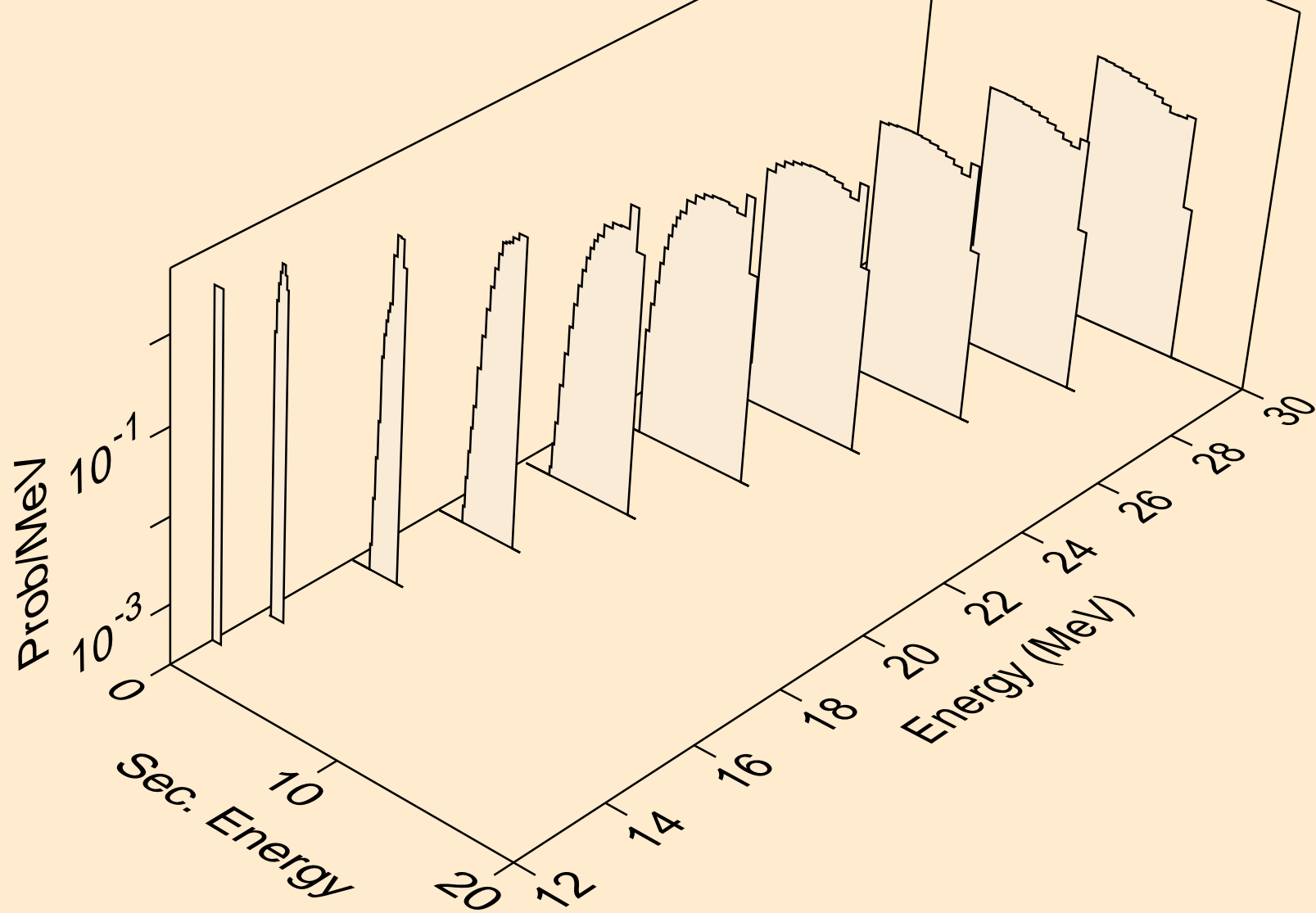
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tritons from (n,x)



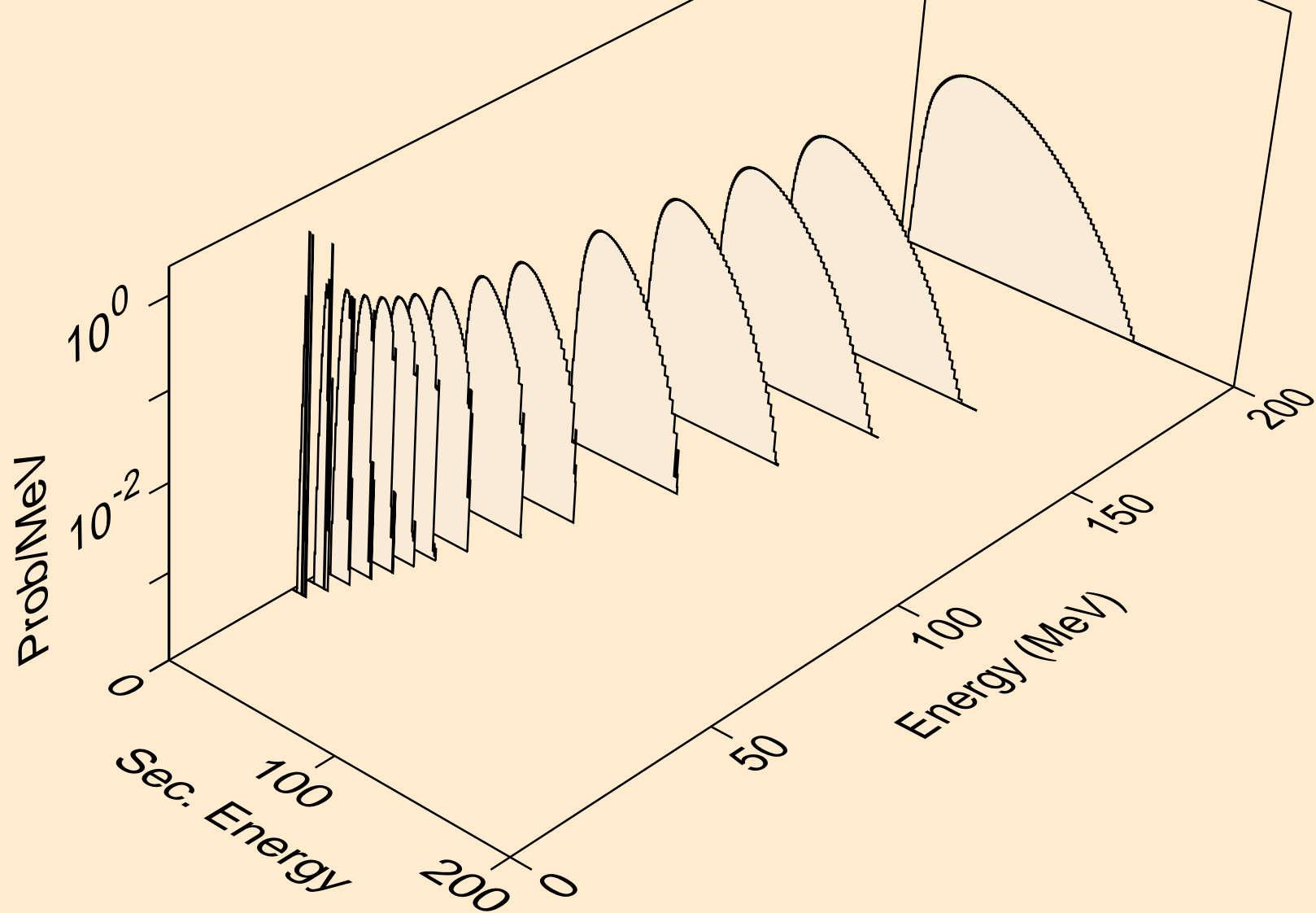
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tritons from (n,n\*)t



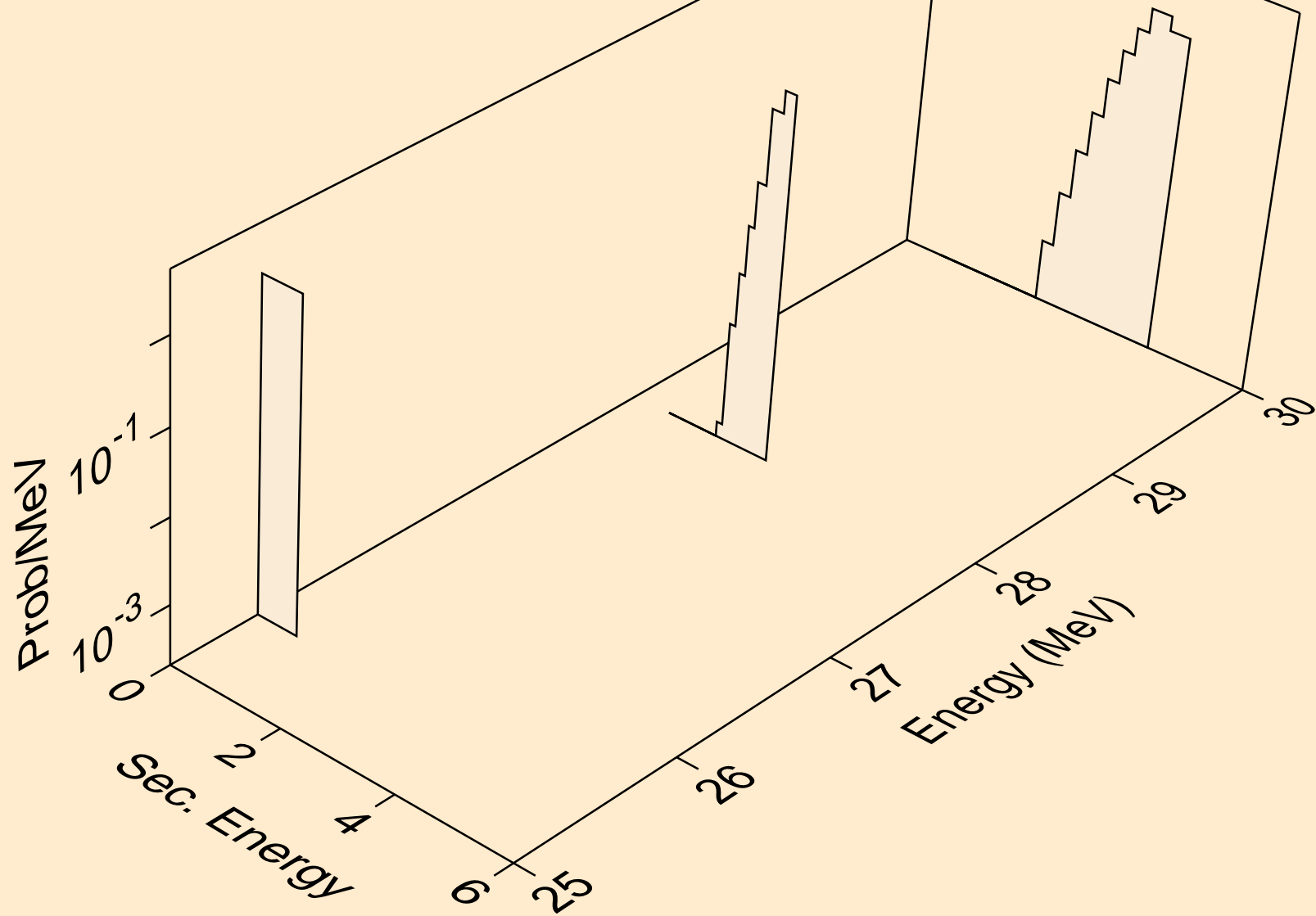
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tritons from (n,t)



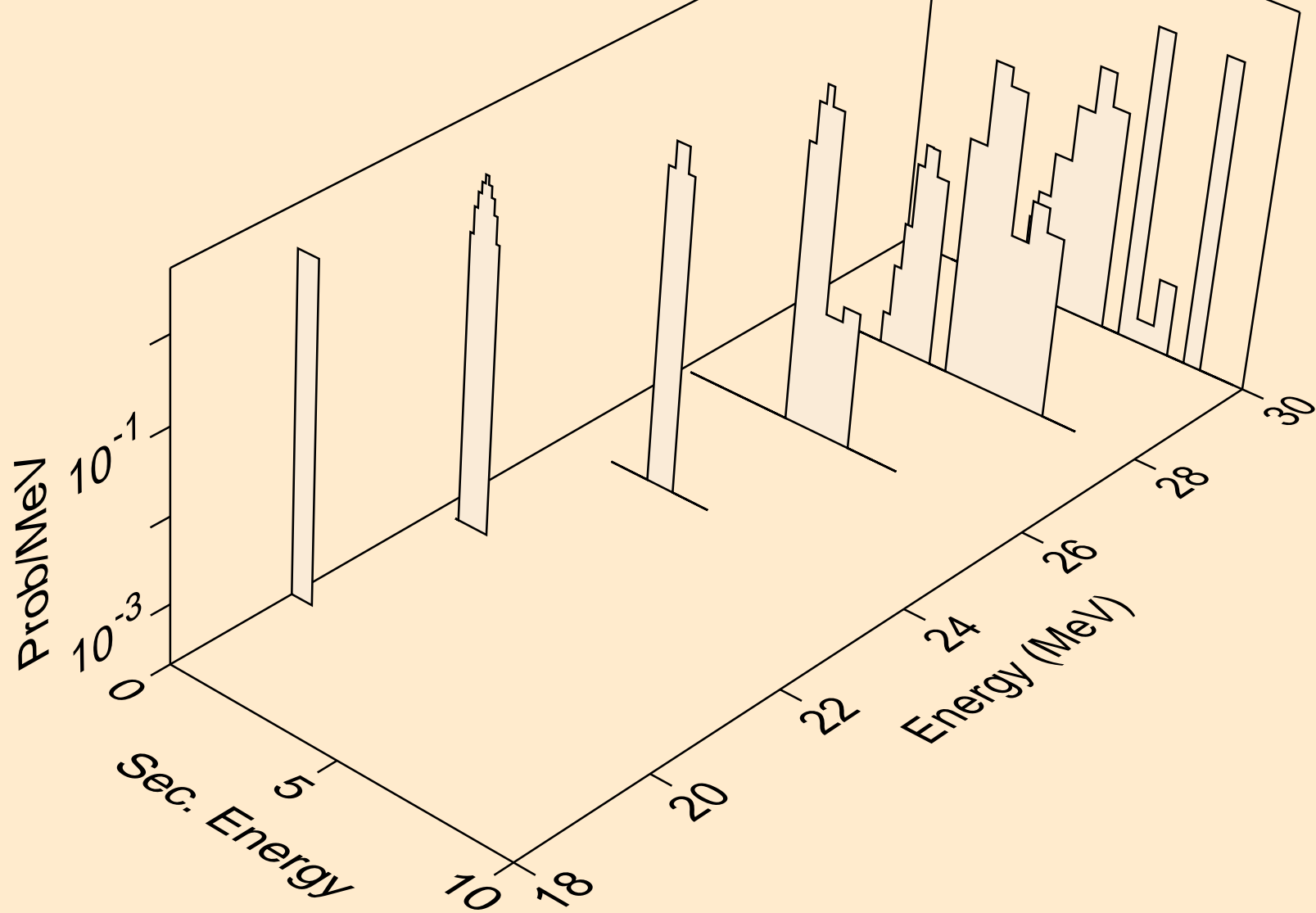
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

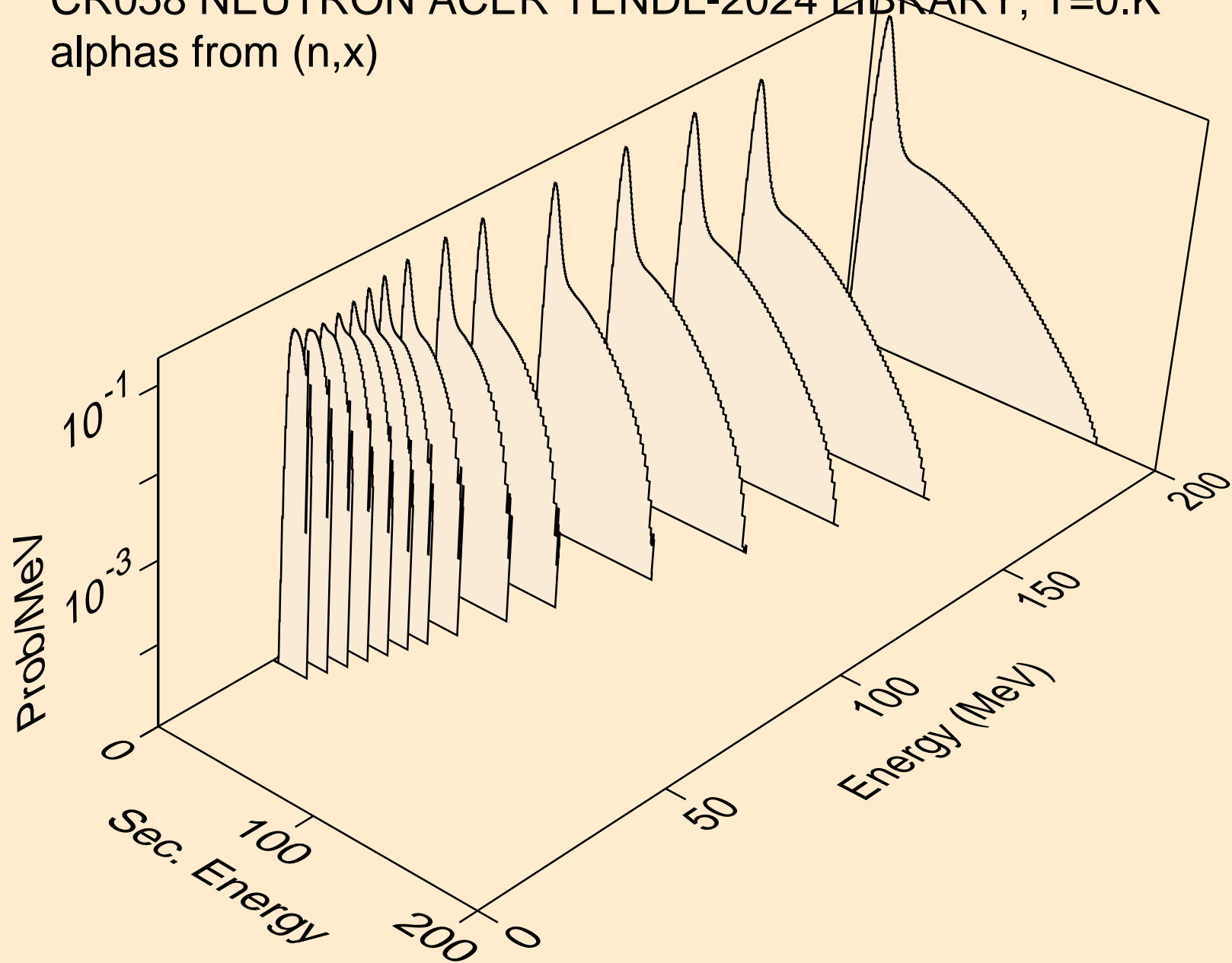


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he3s from (n,he3)

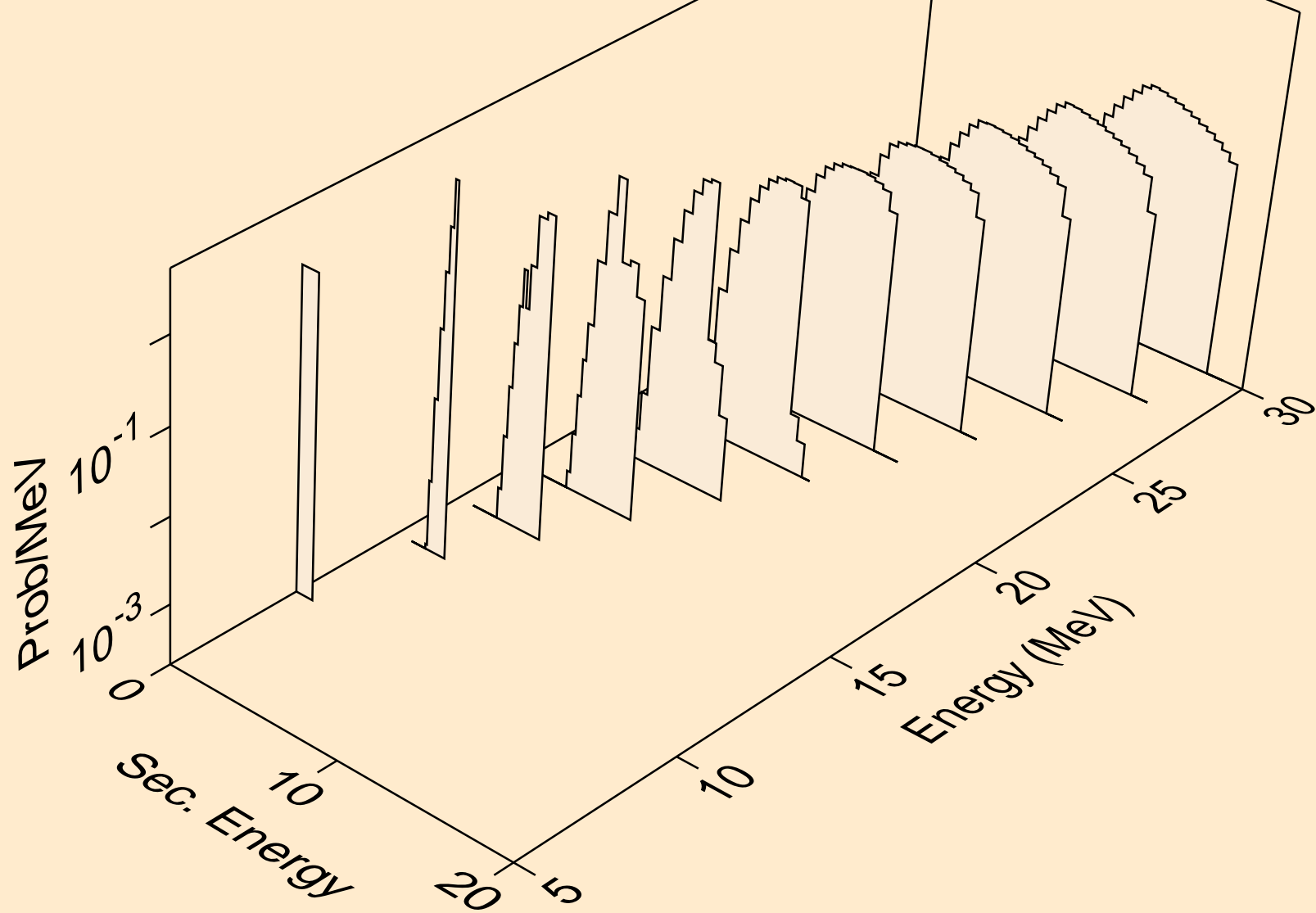




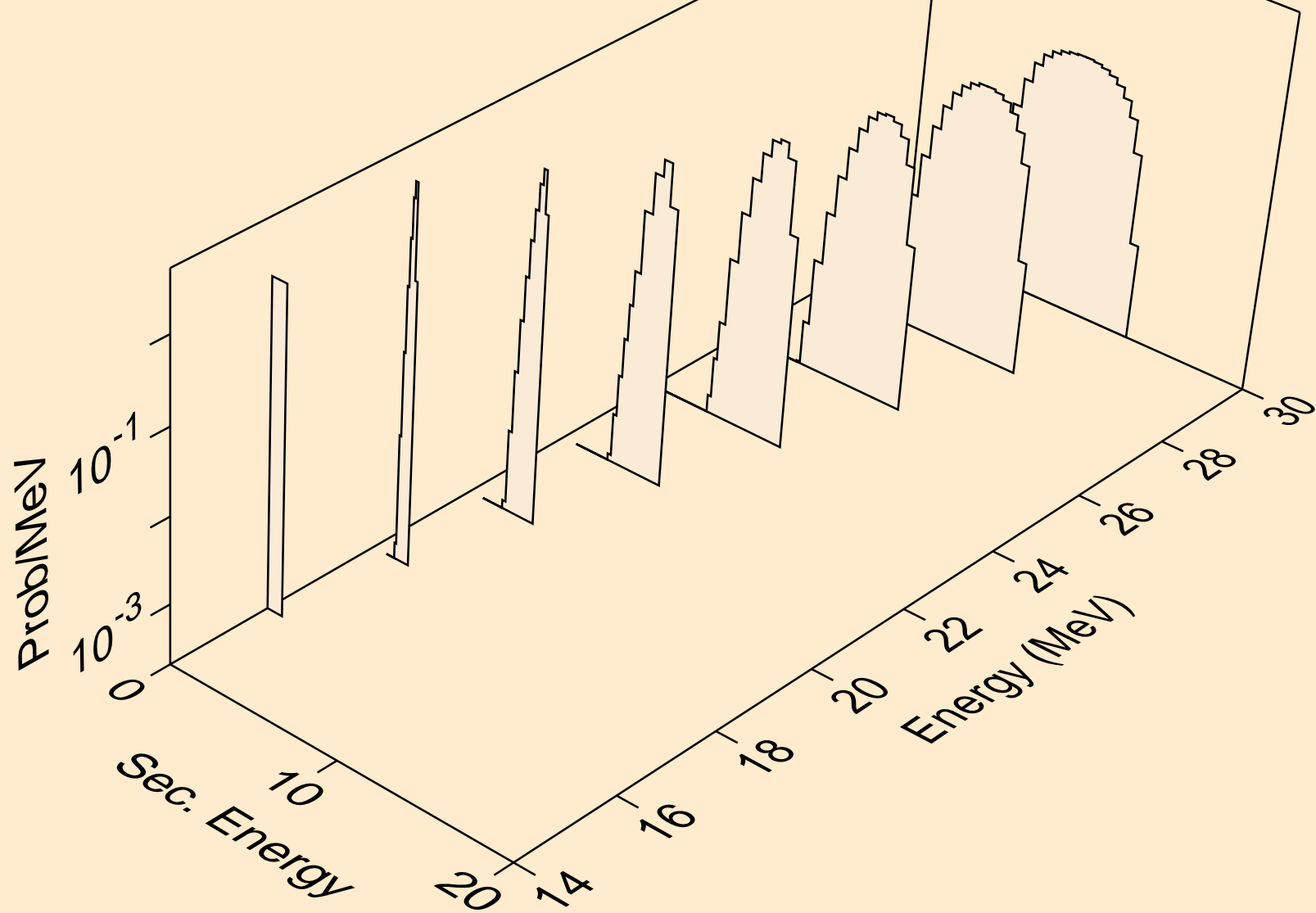
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alphas from (n,x)



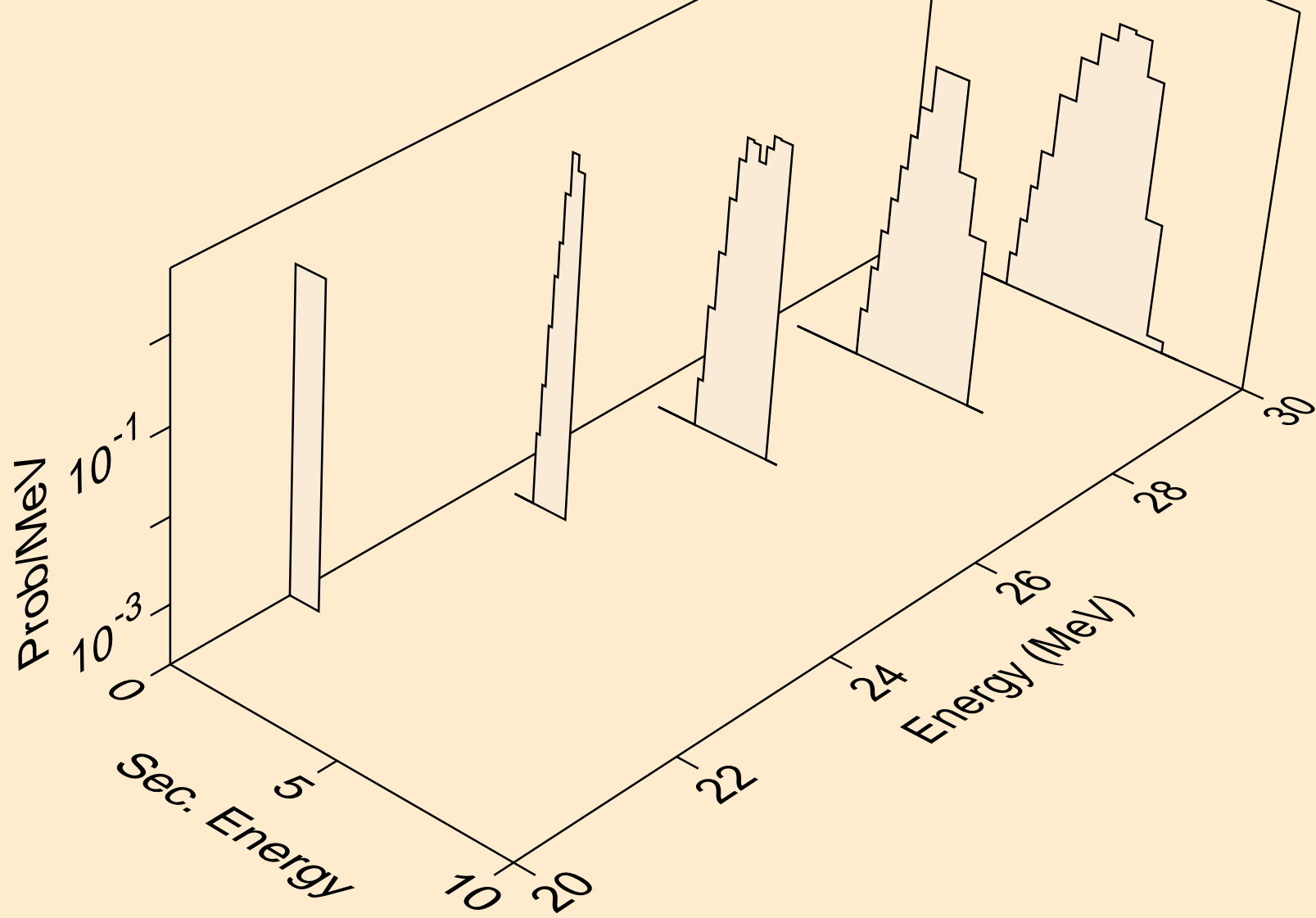
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



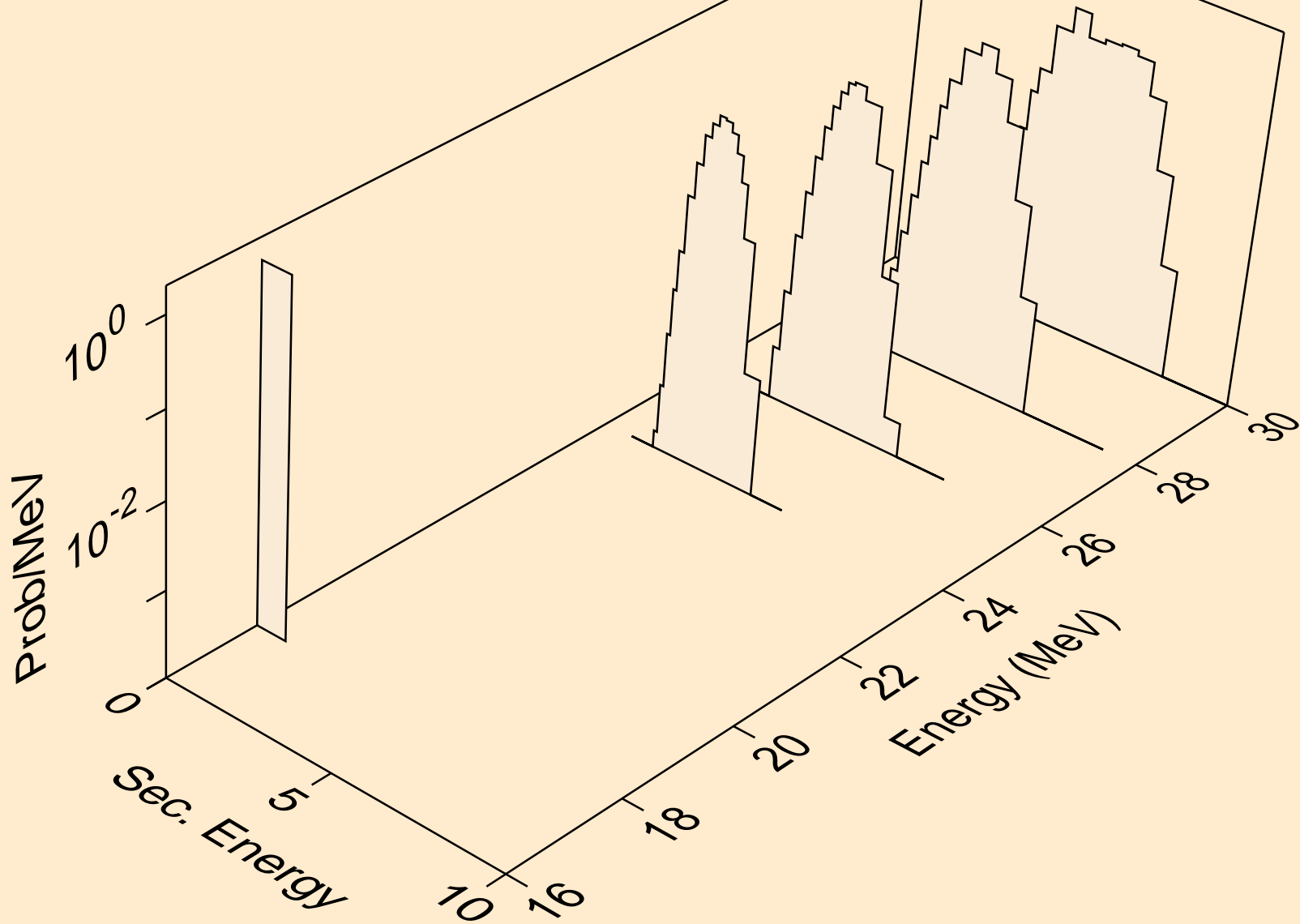
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



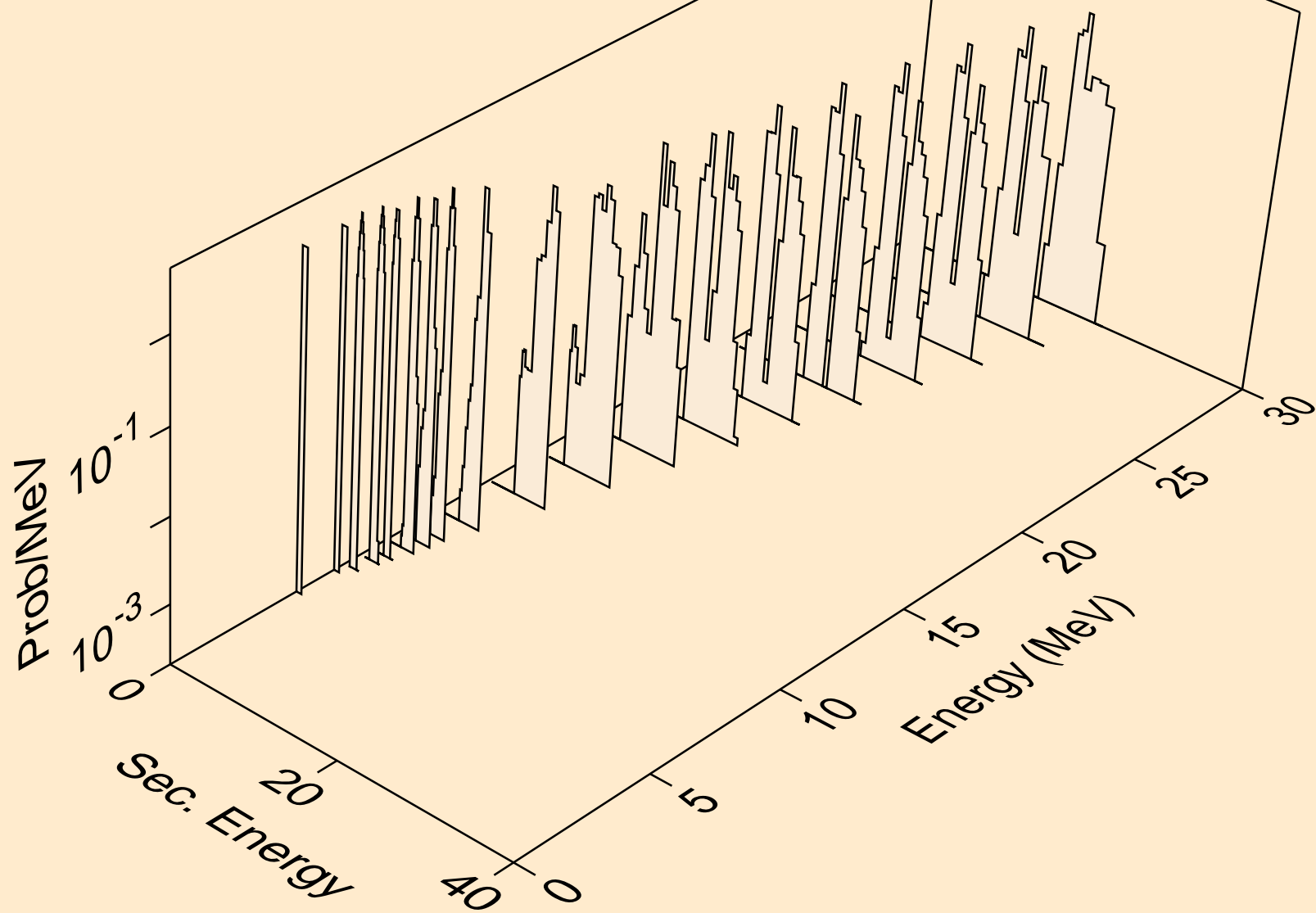
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



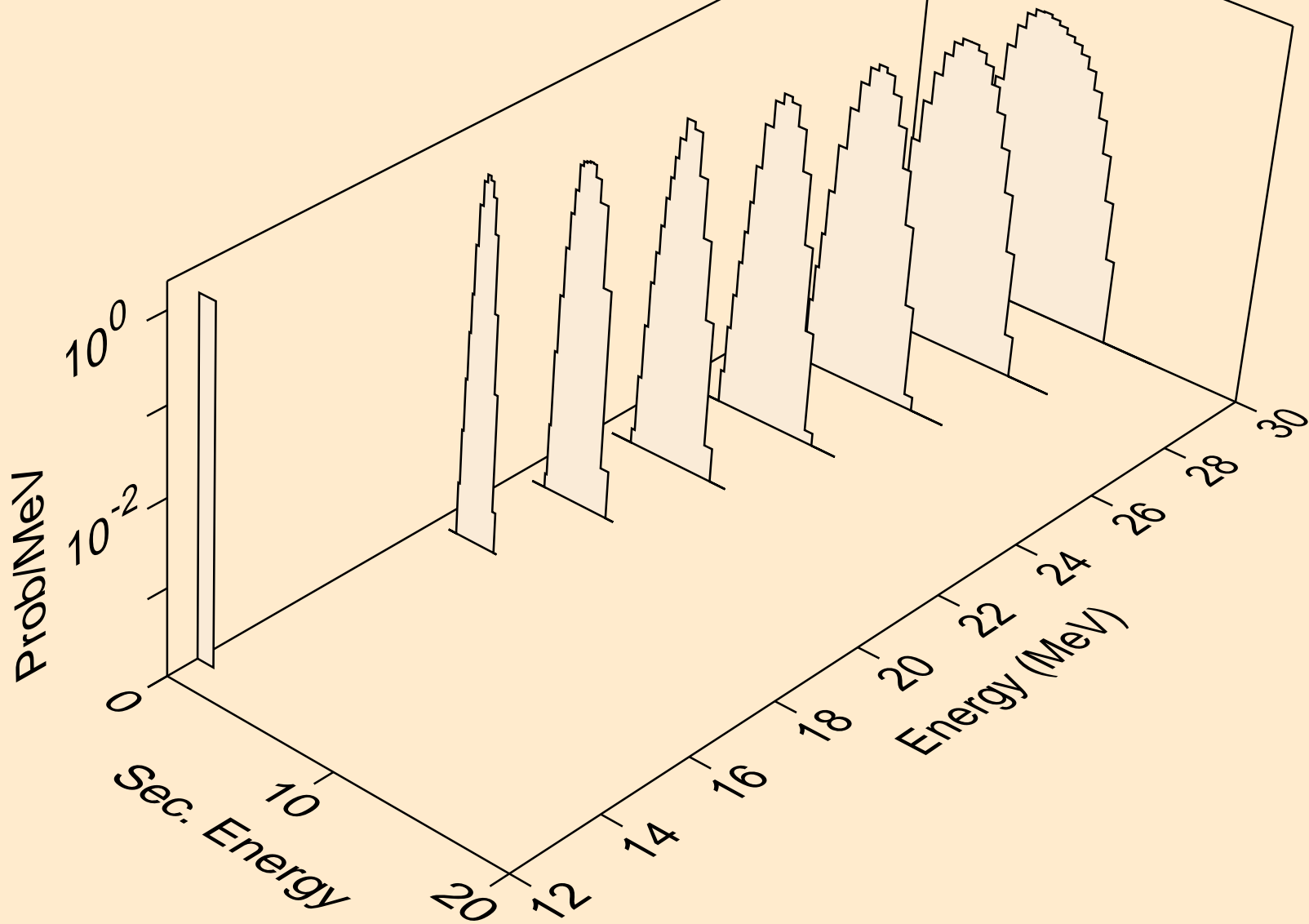
CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



CR058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

