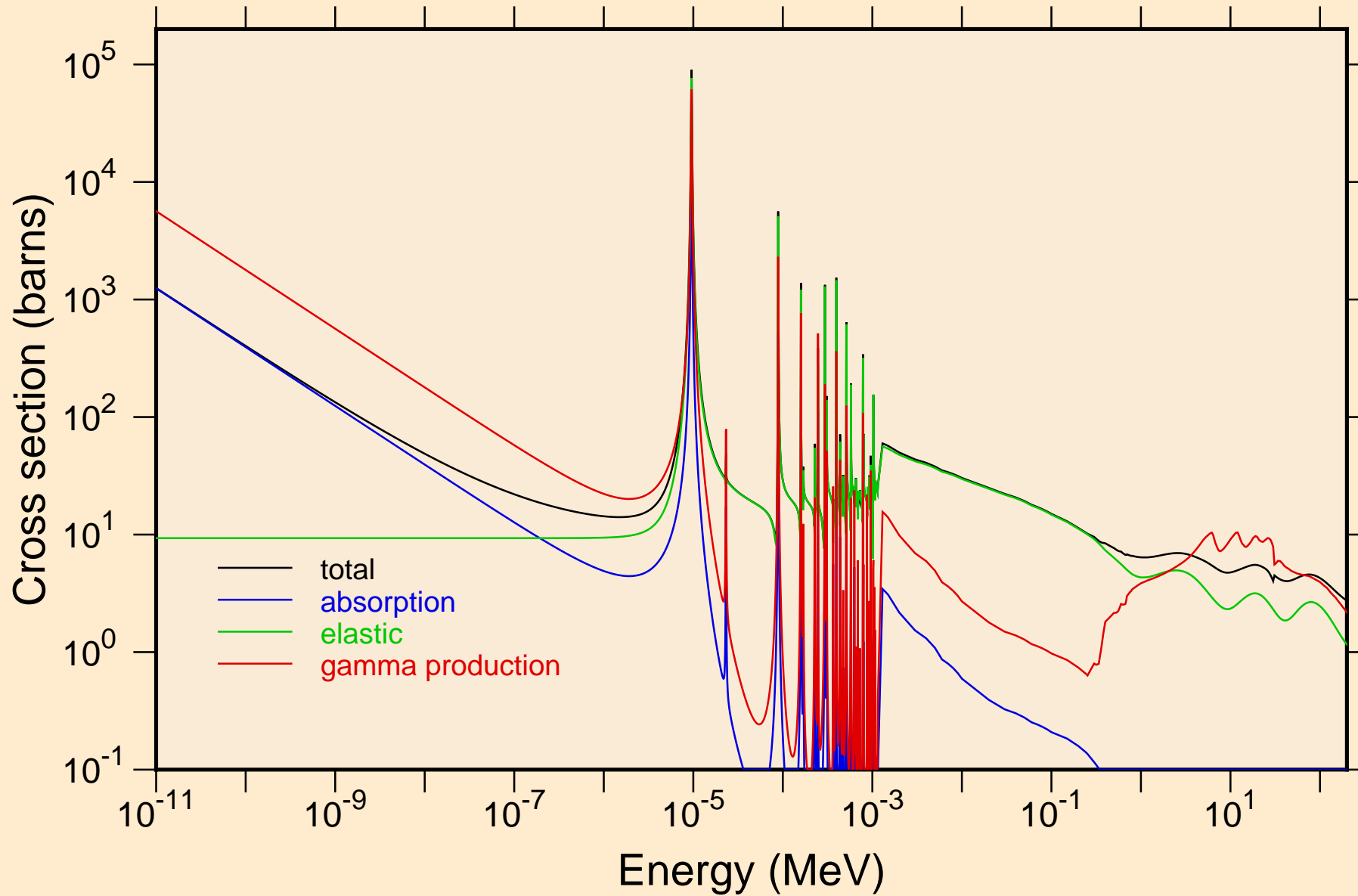
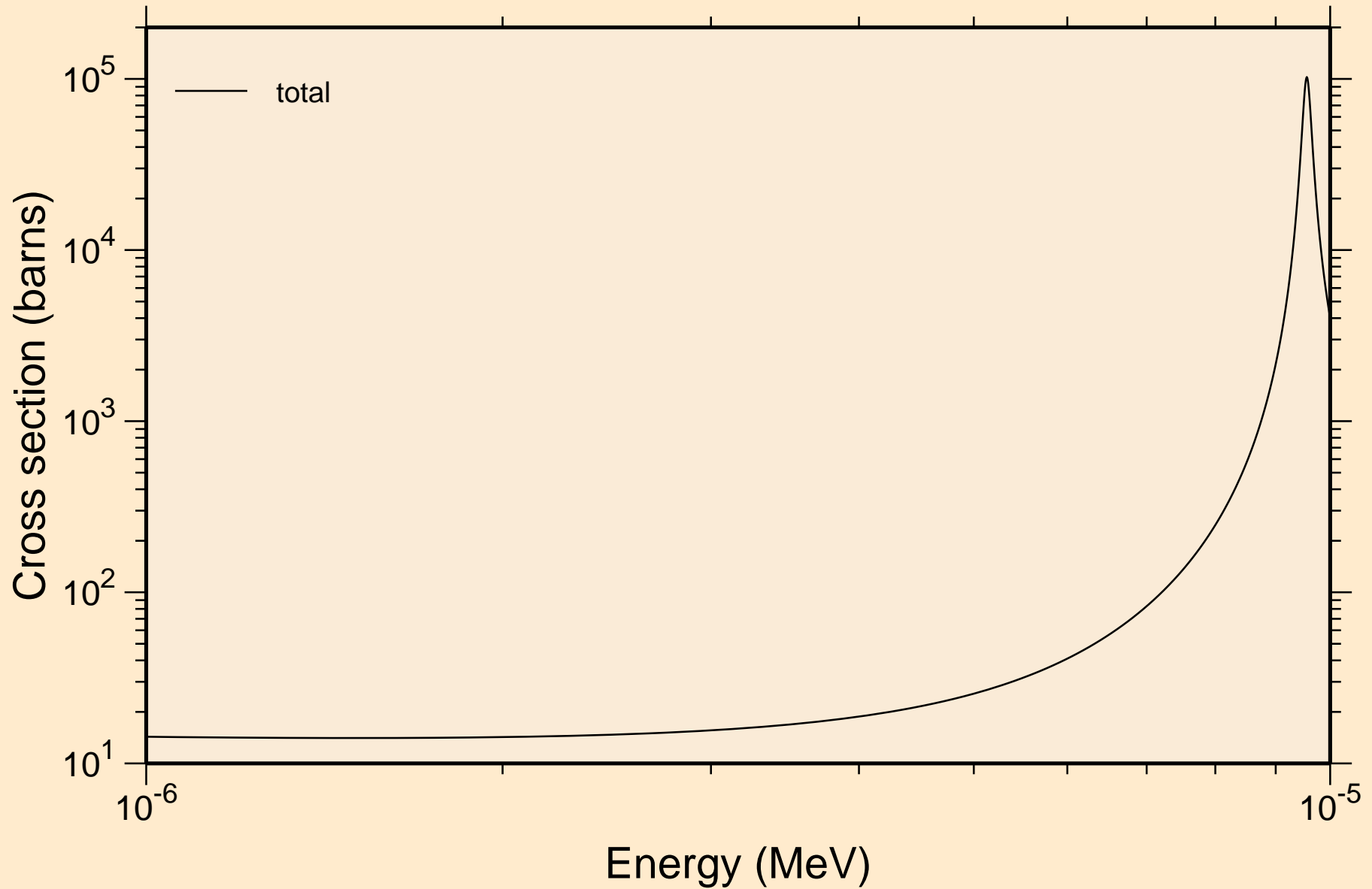


# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

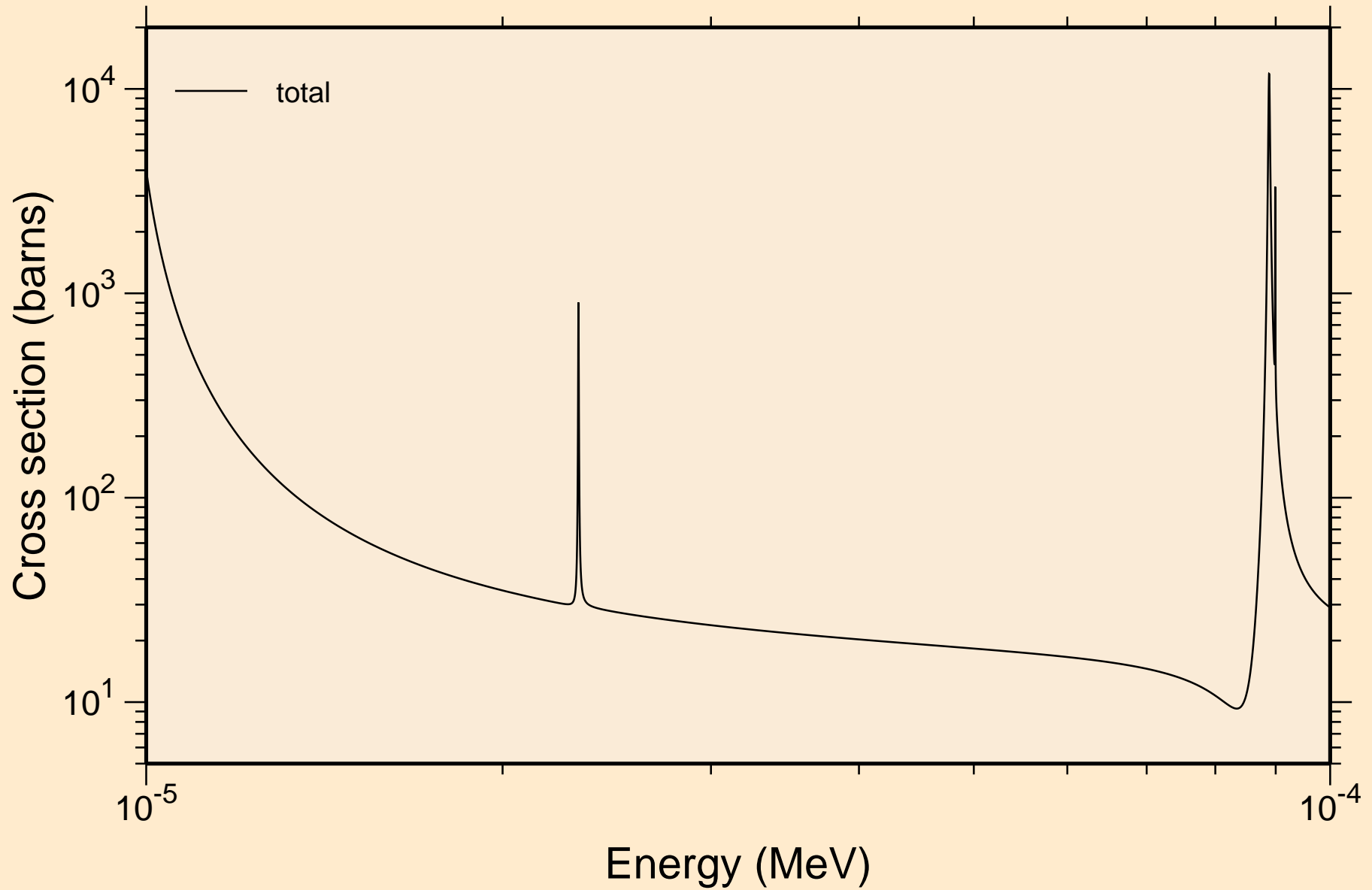
## Principal cross sections



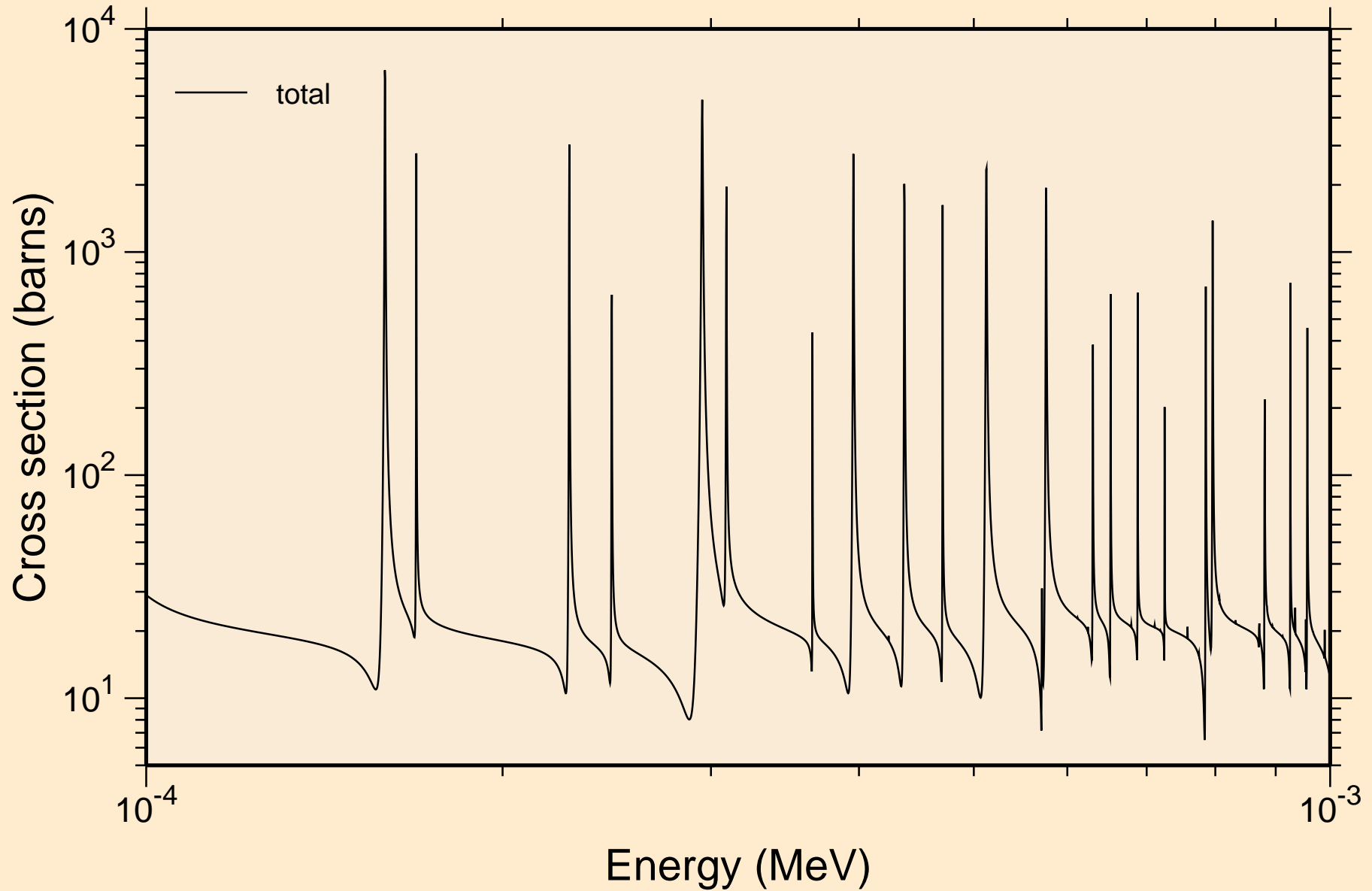
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resonance total cross section



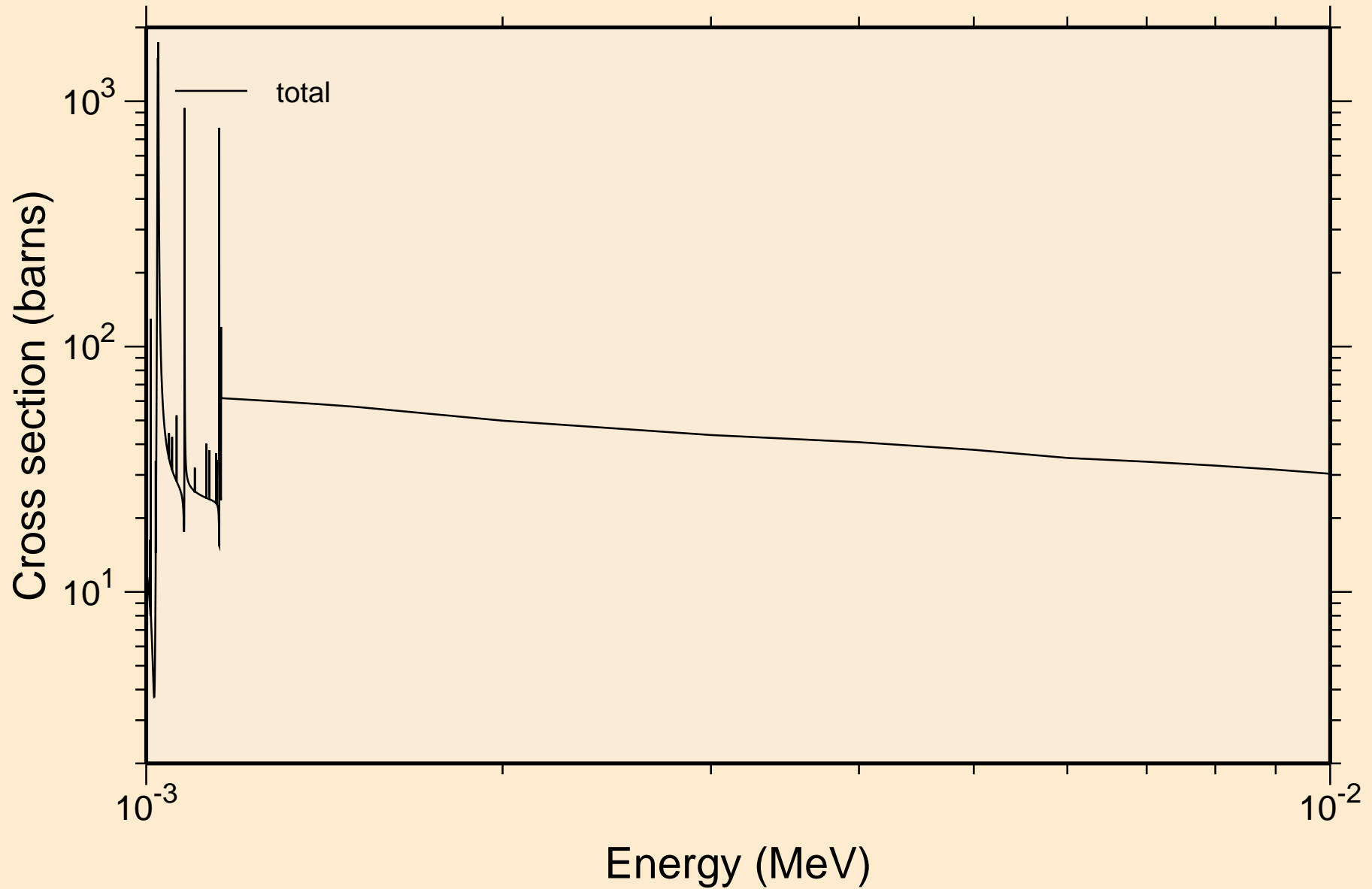
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



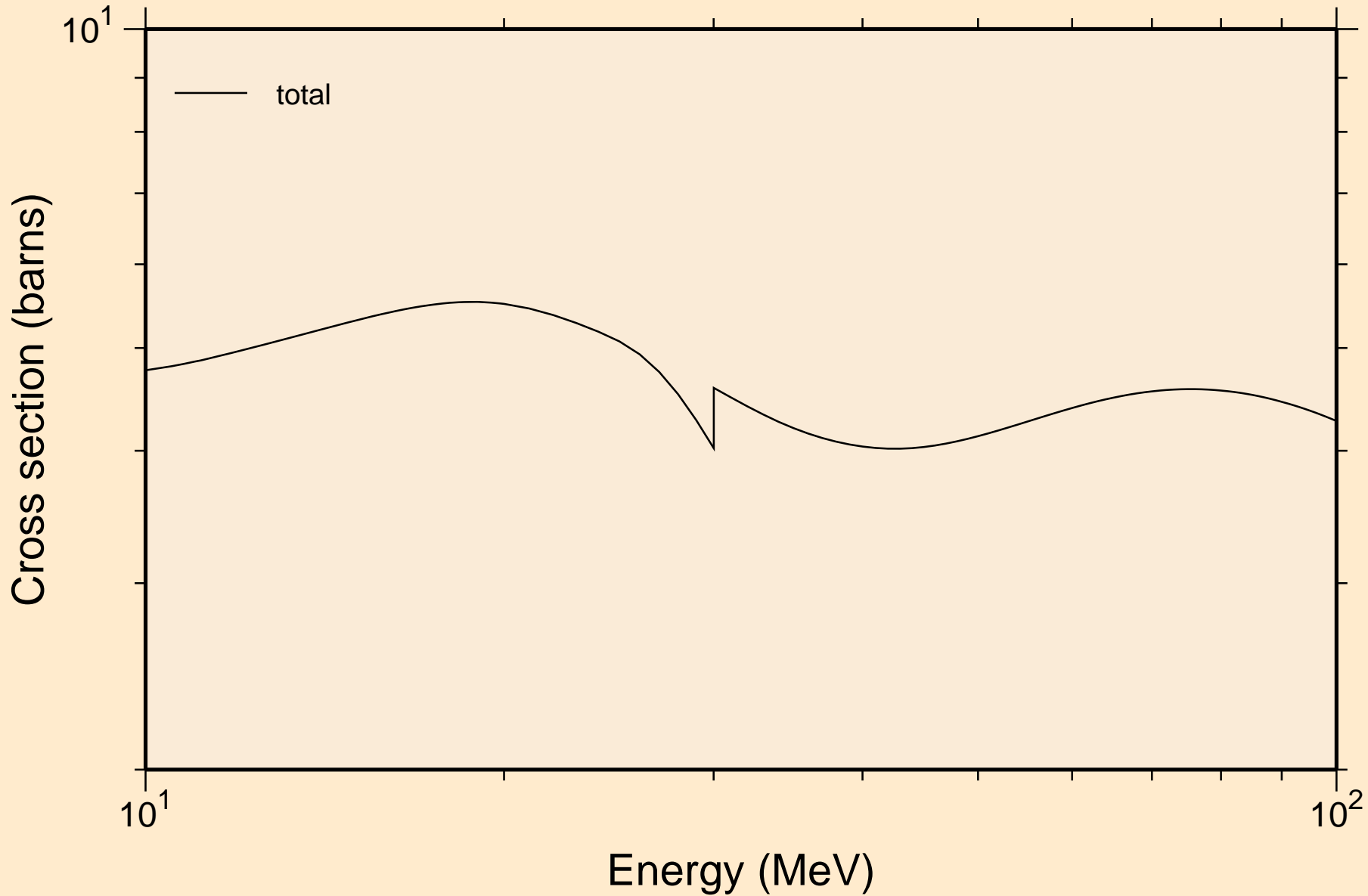
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resonance total cross section



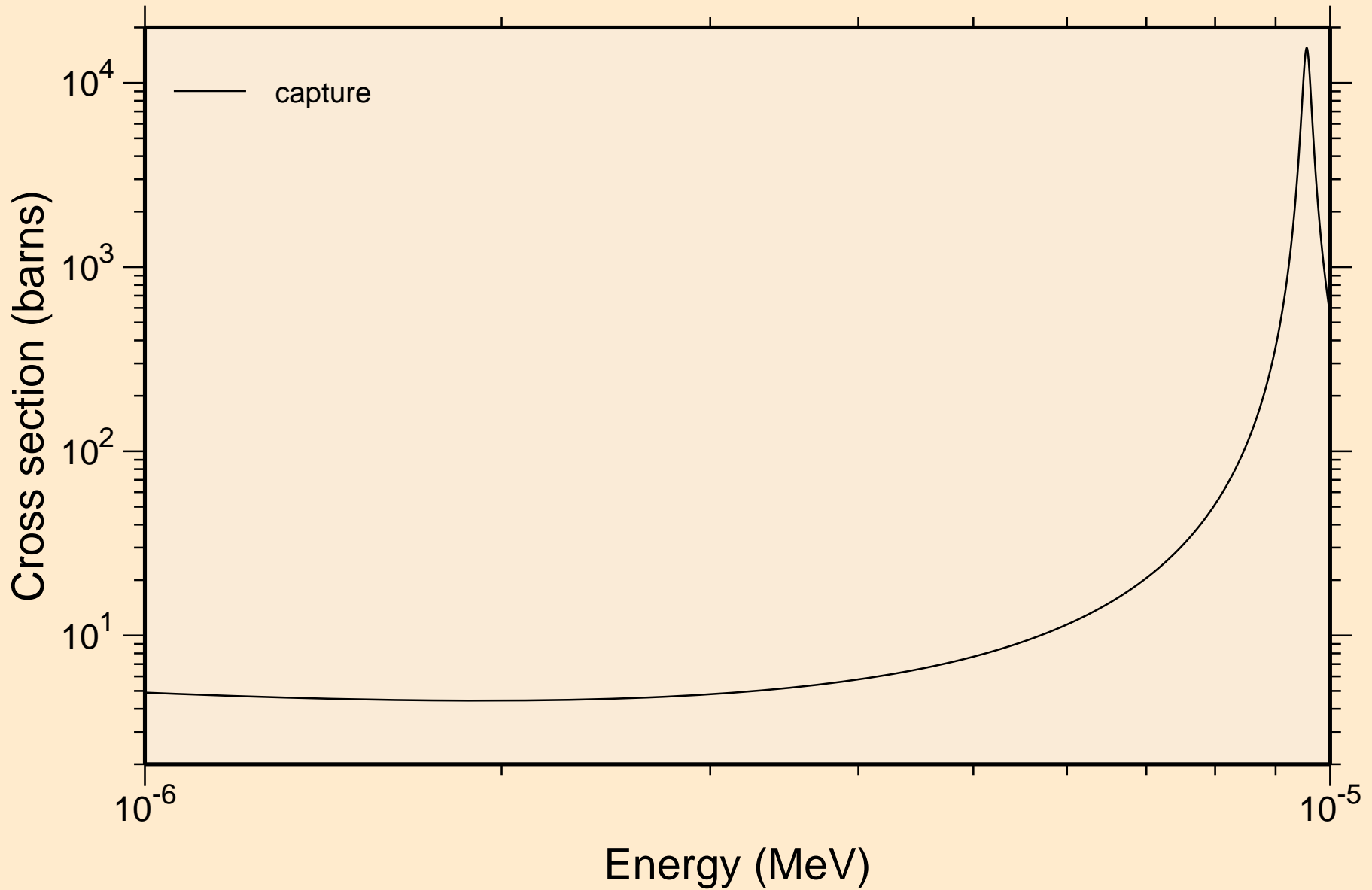
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



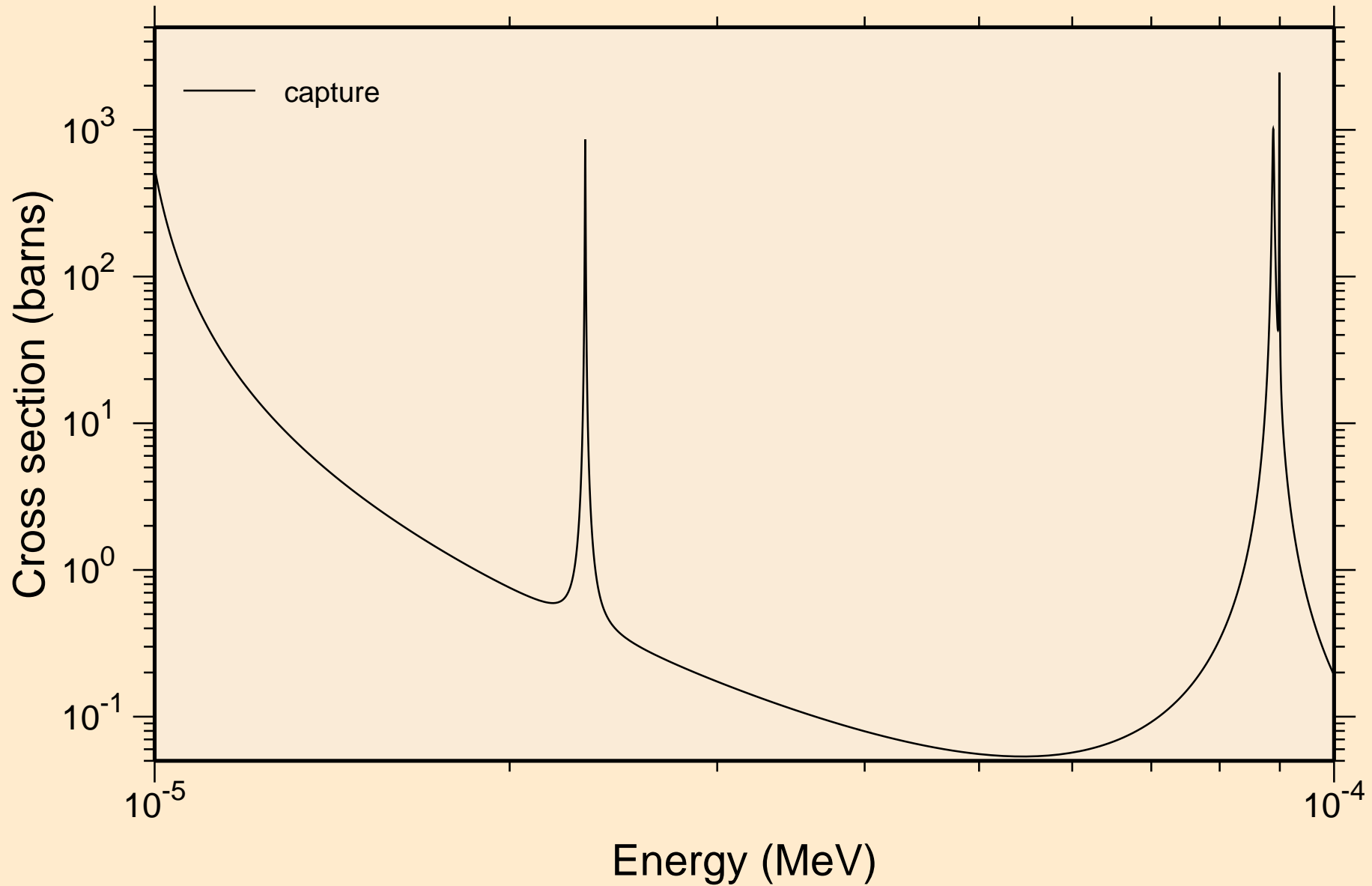
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

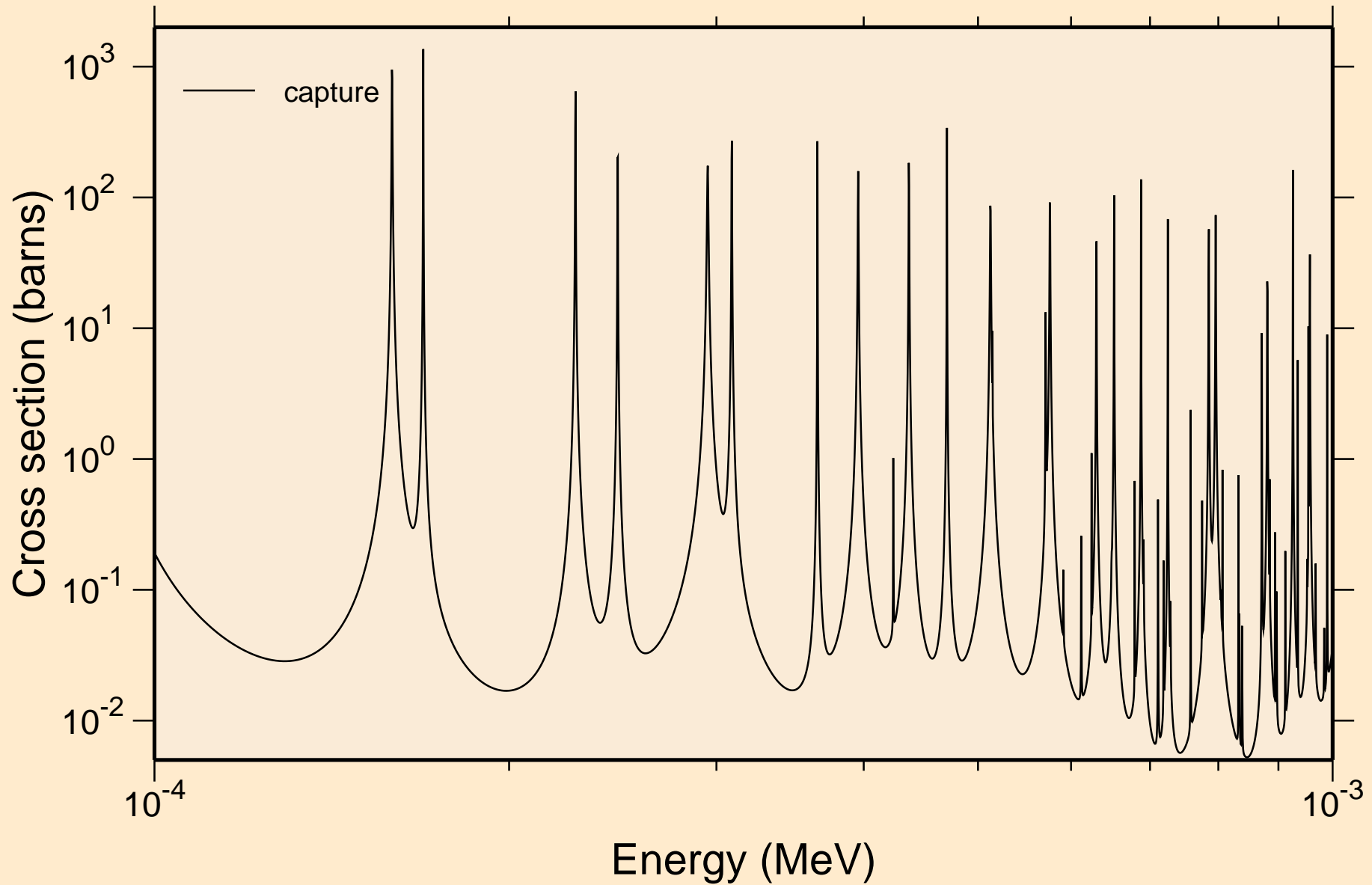


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

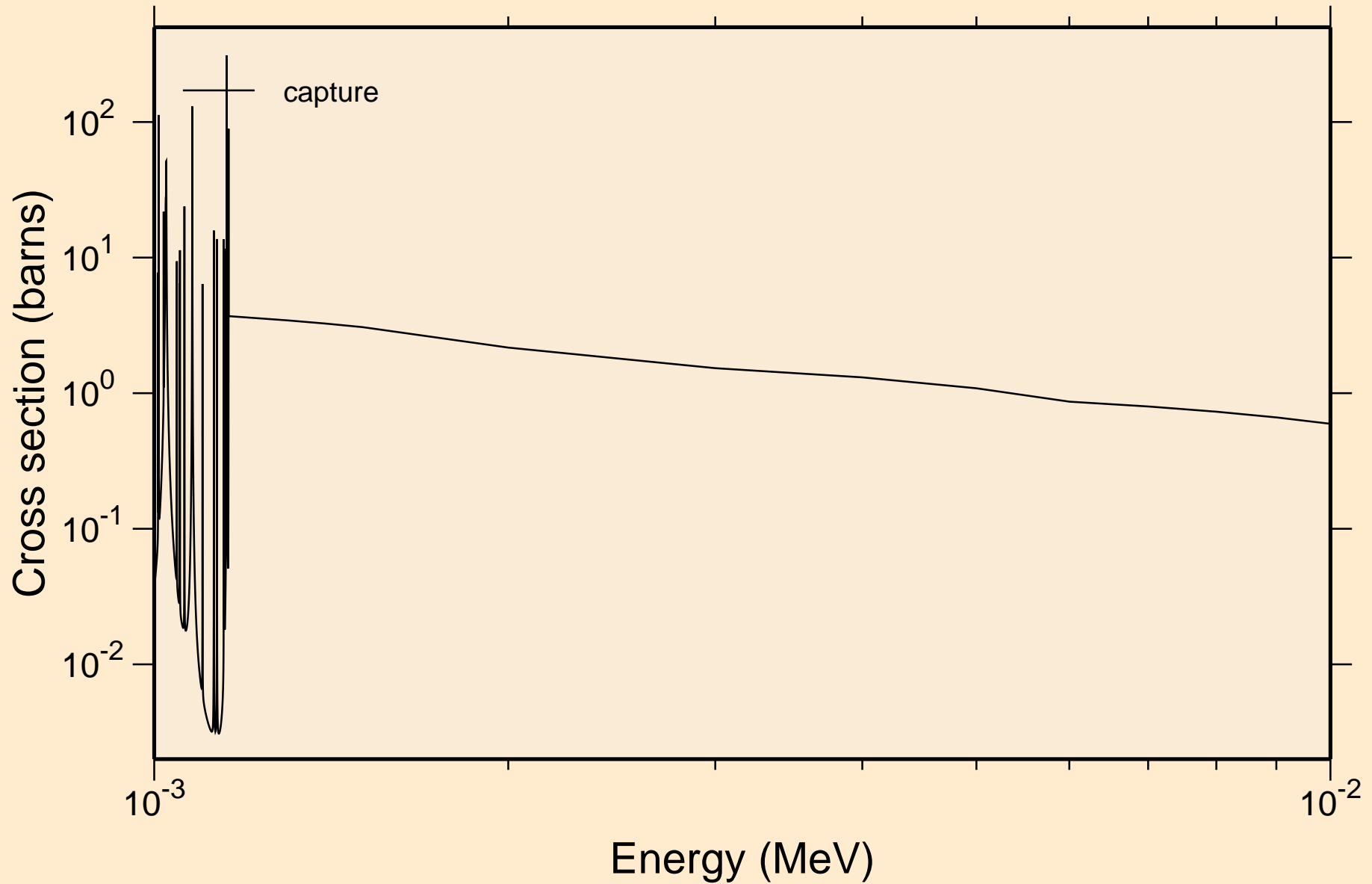




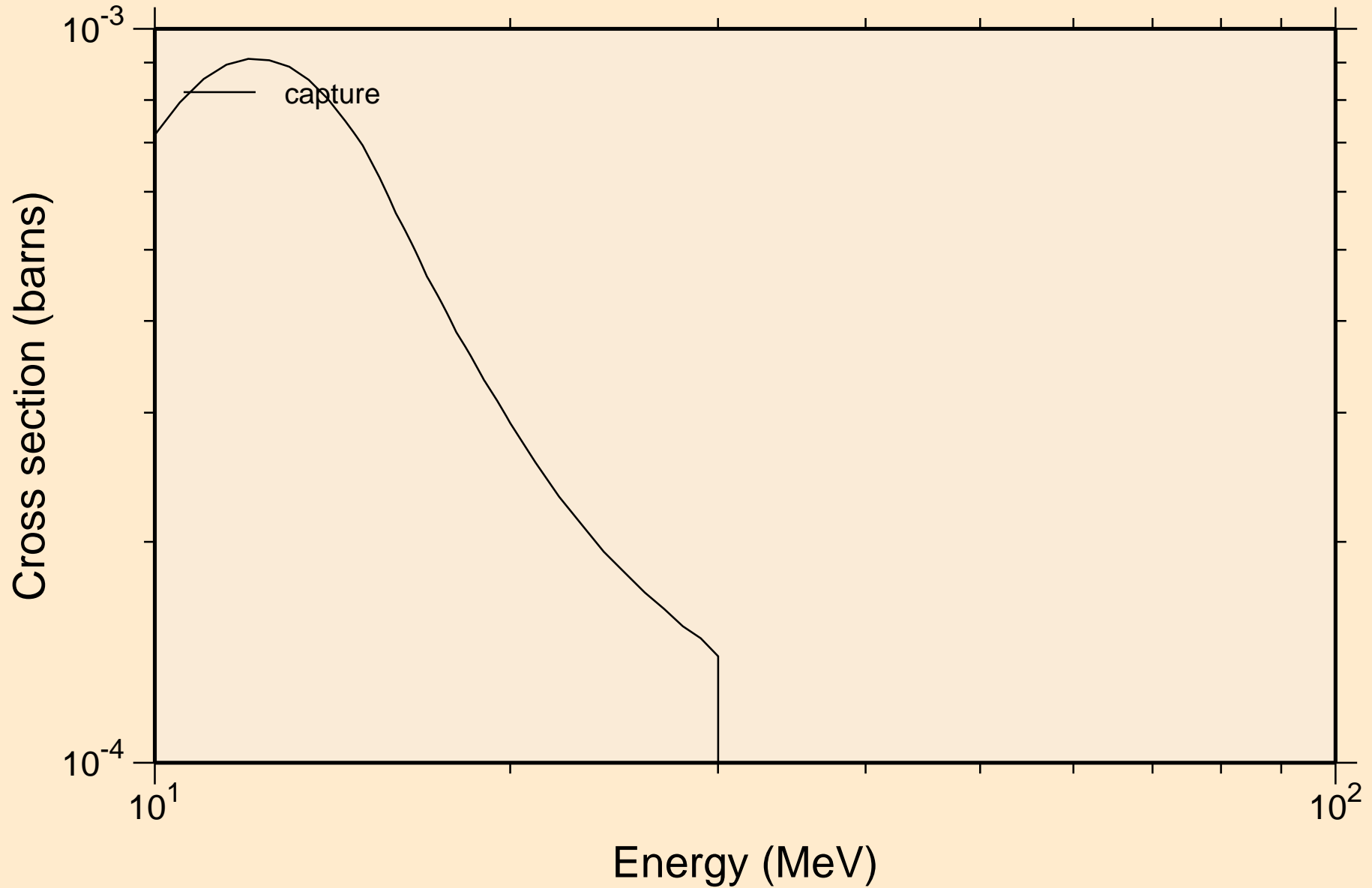
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



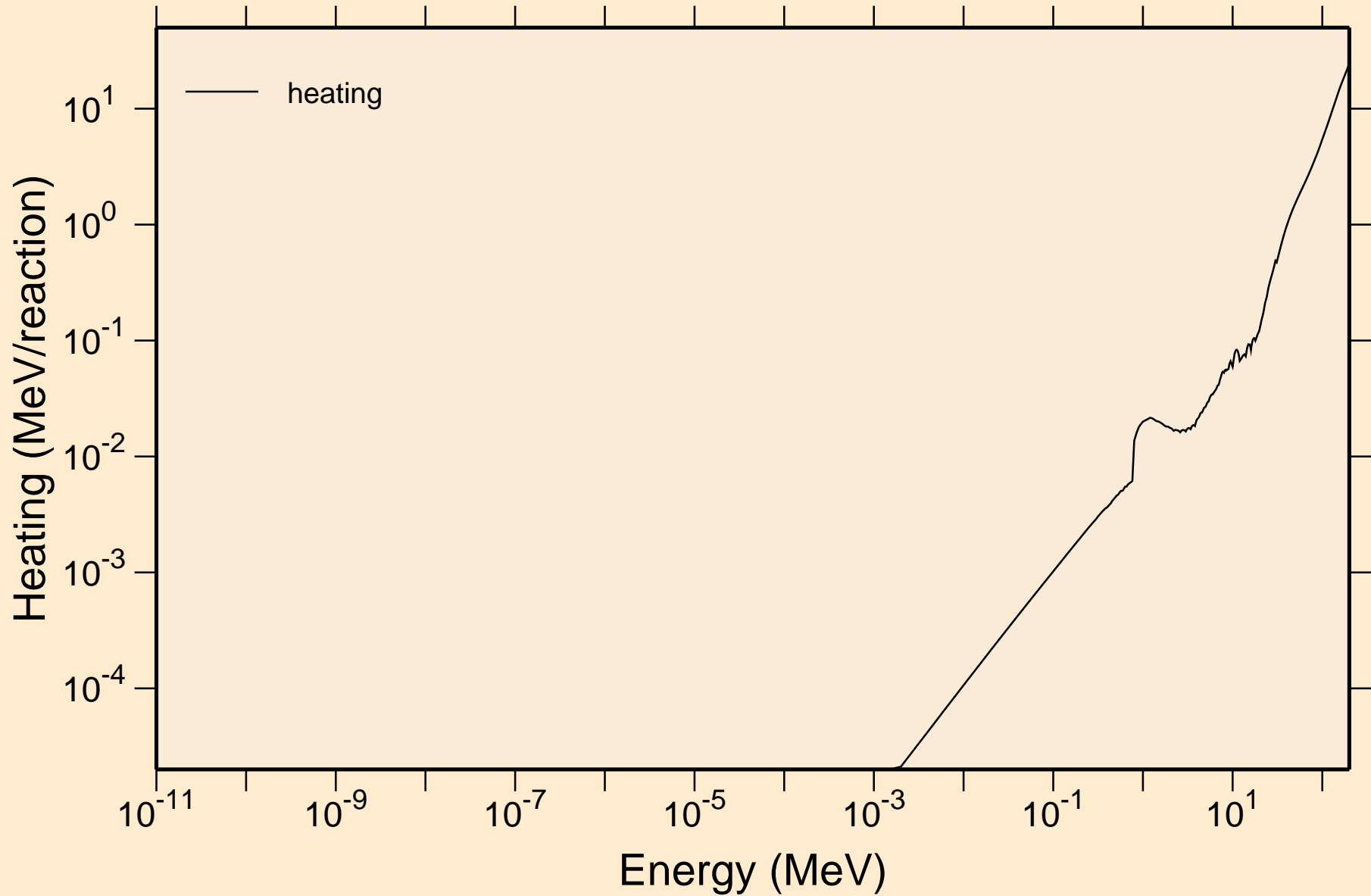
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resonance absorption cross sections



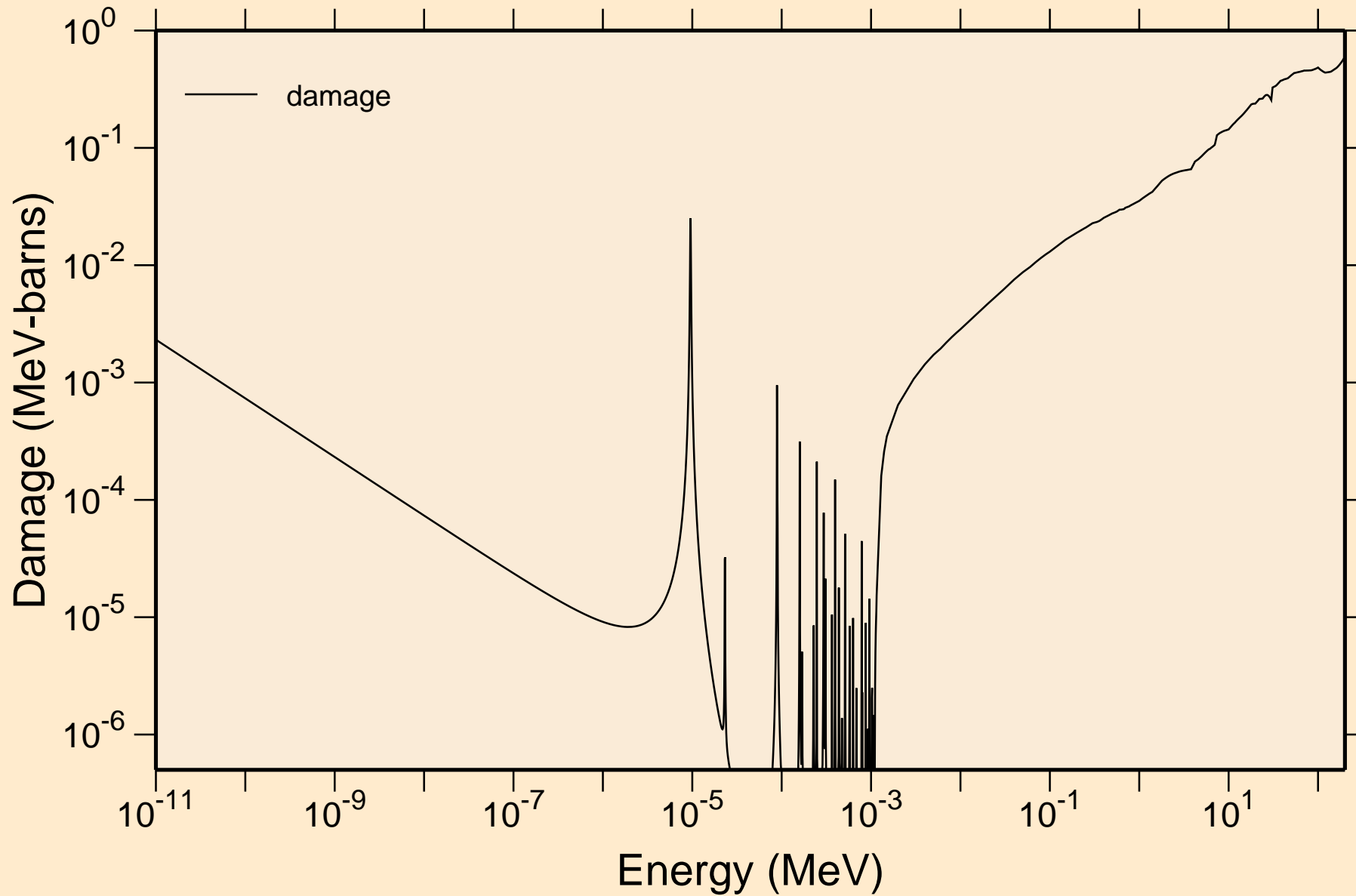
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resonance absorption cross sections



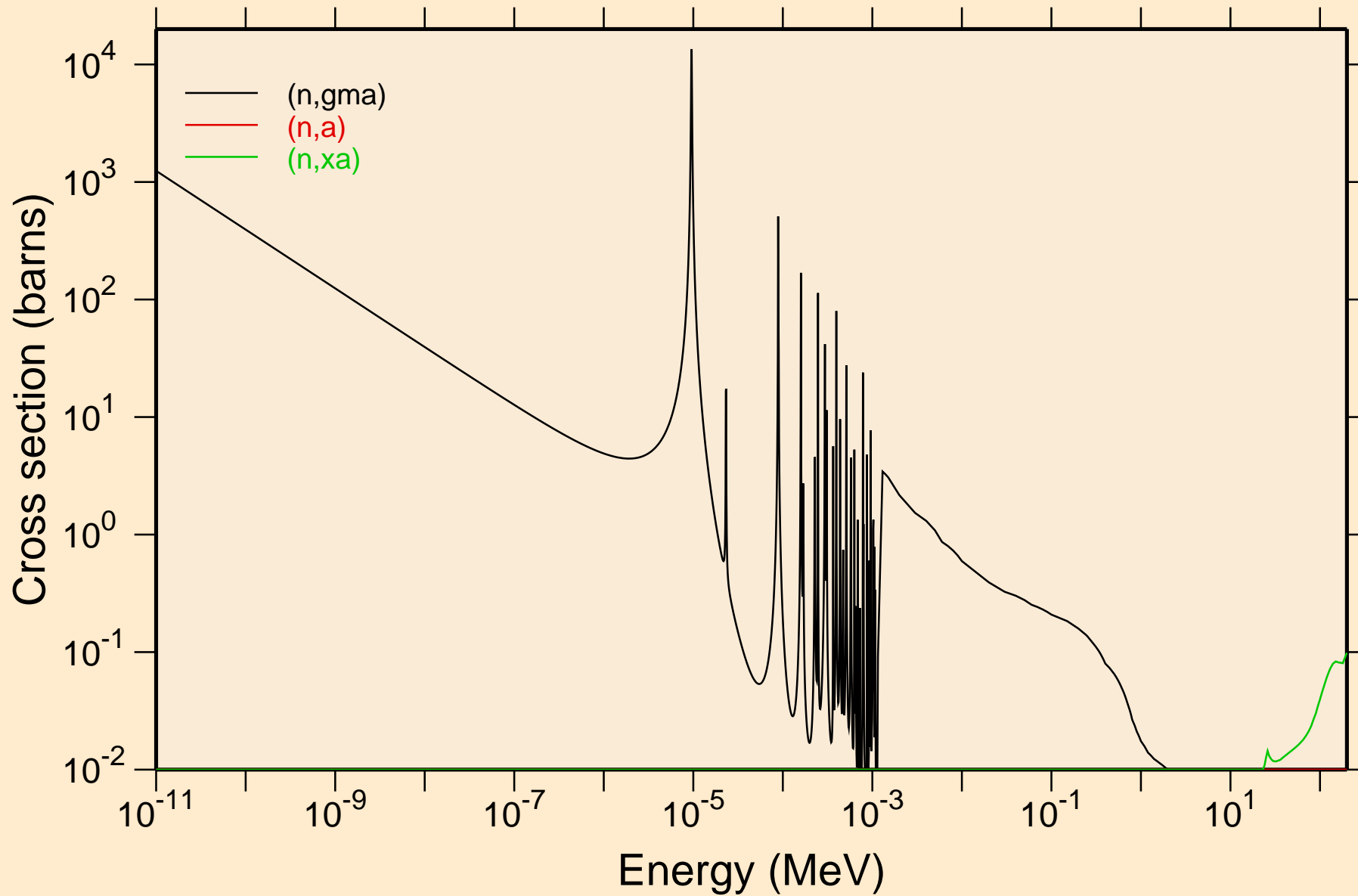
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

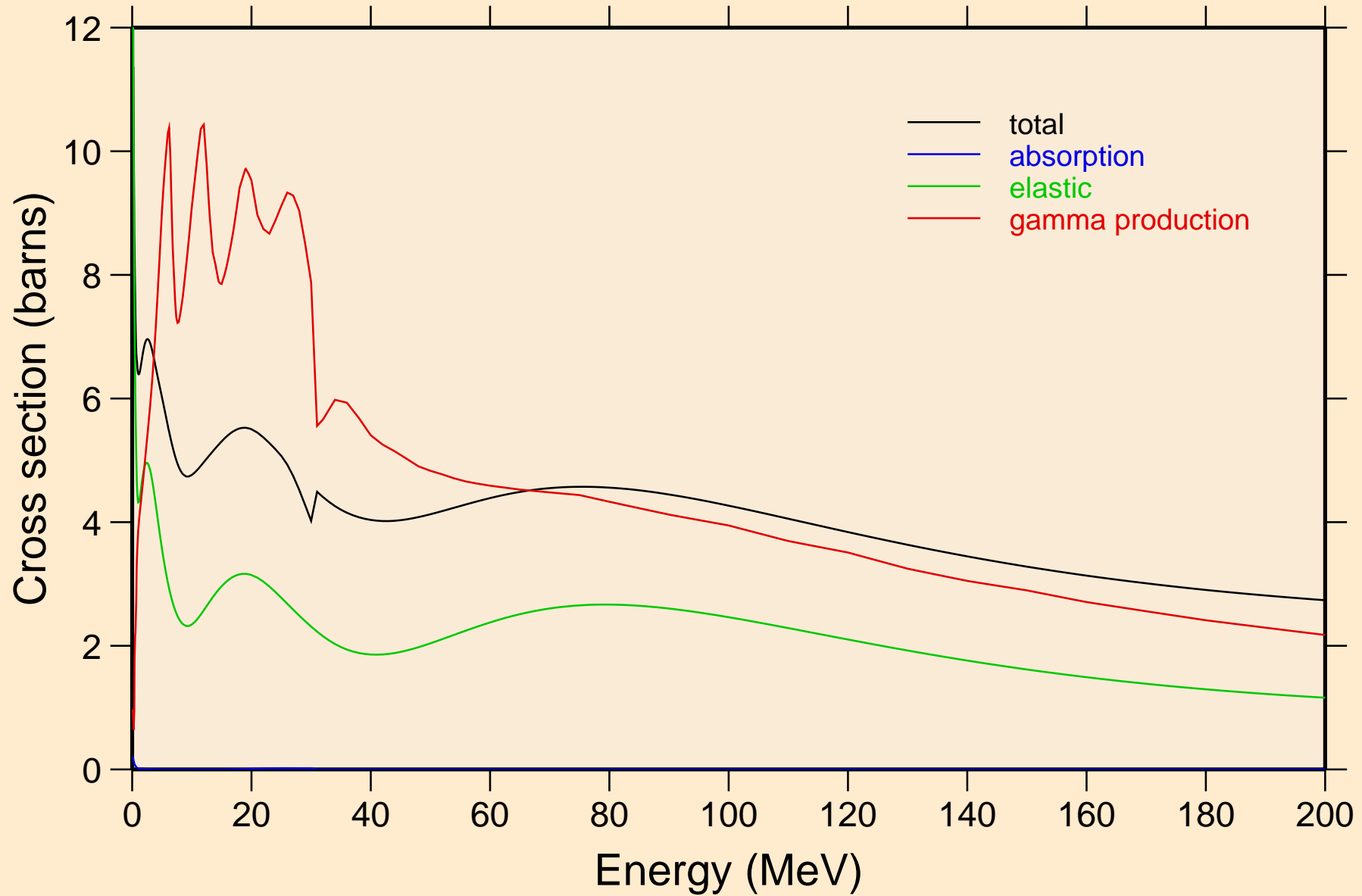


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



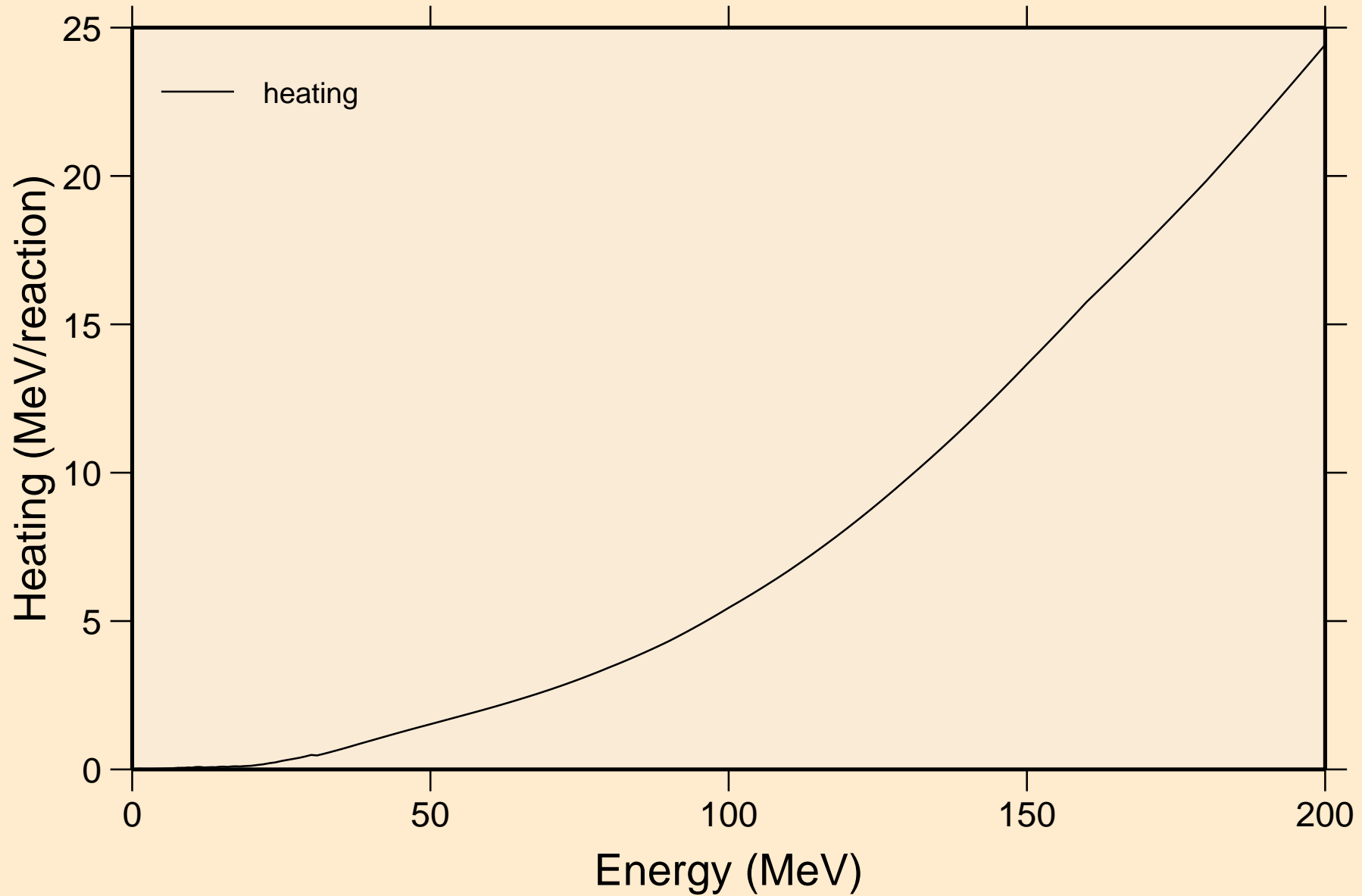
# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

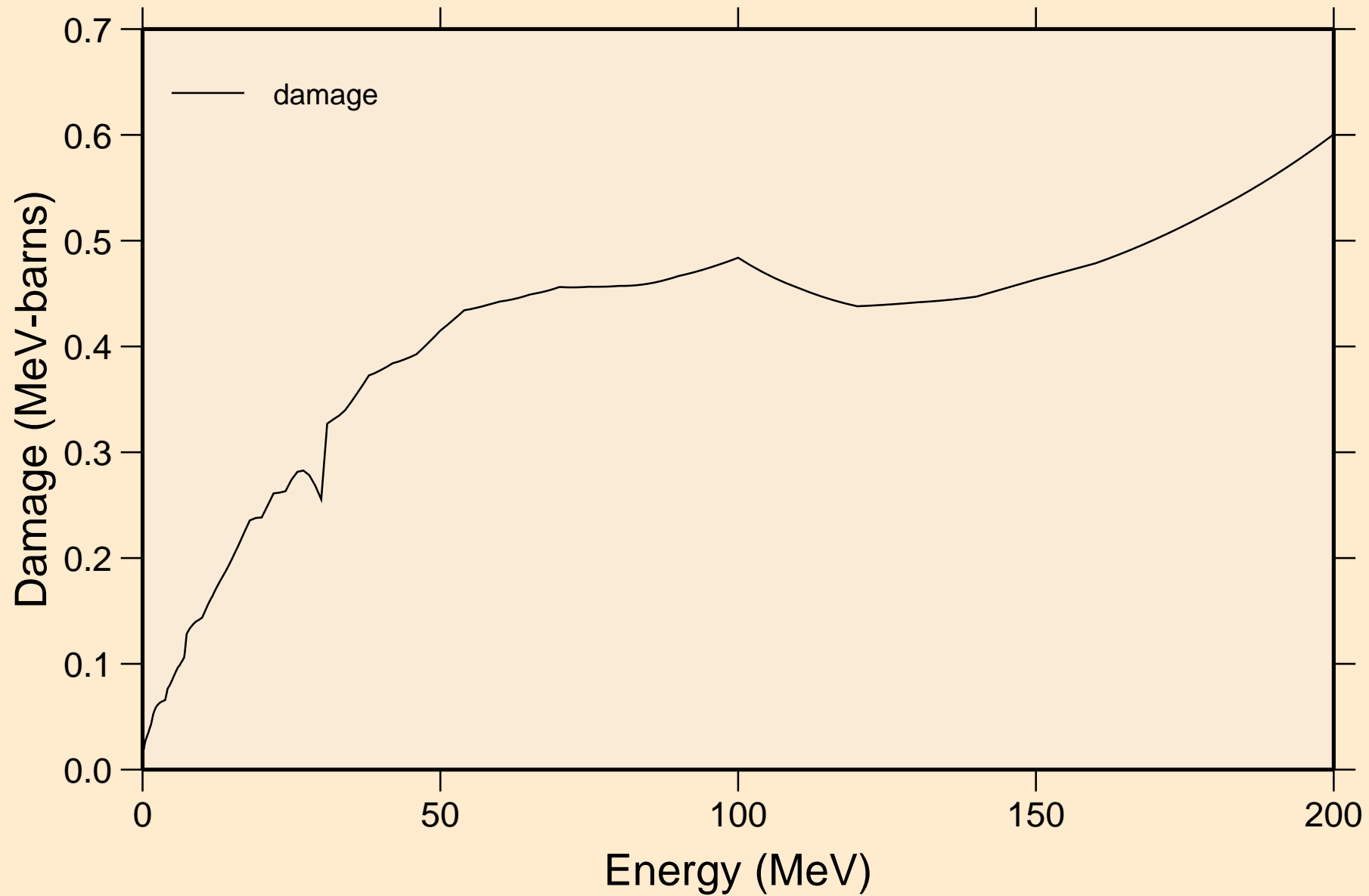
## Heating



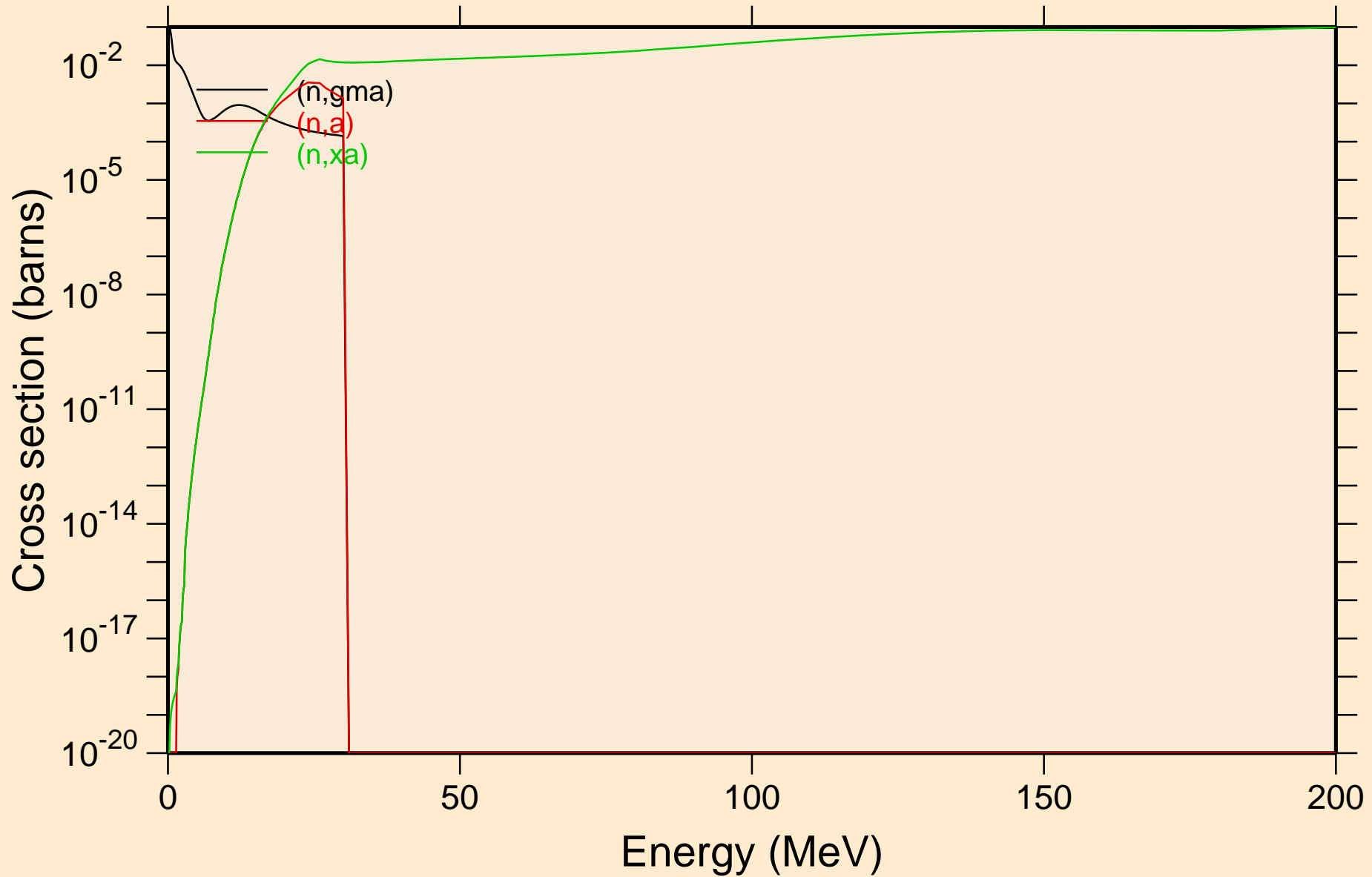


# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

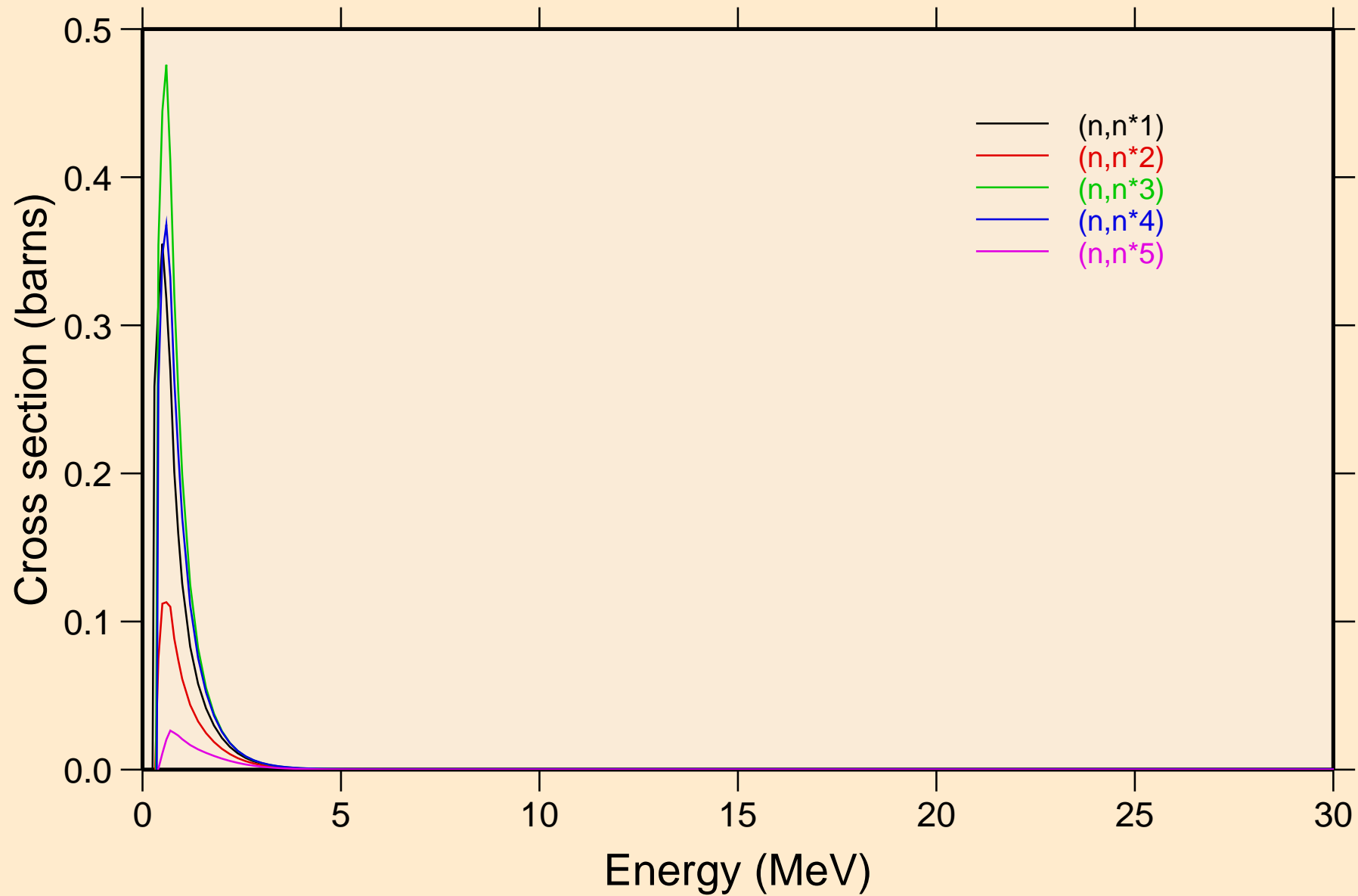
## Damage



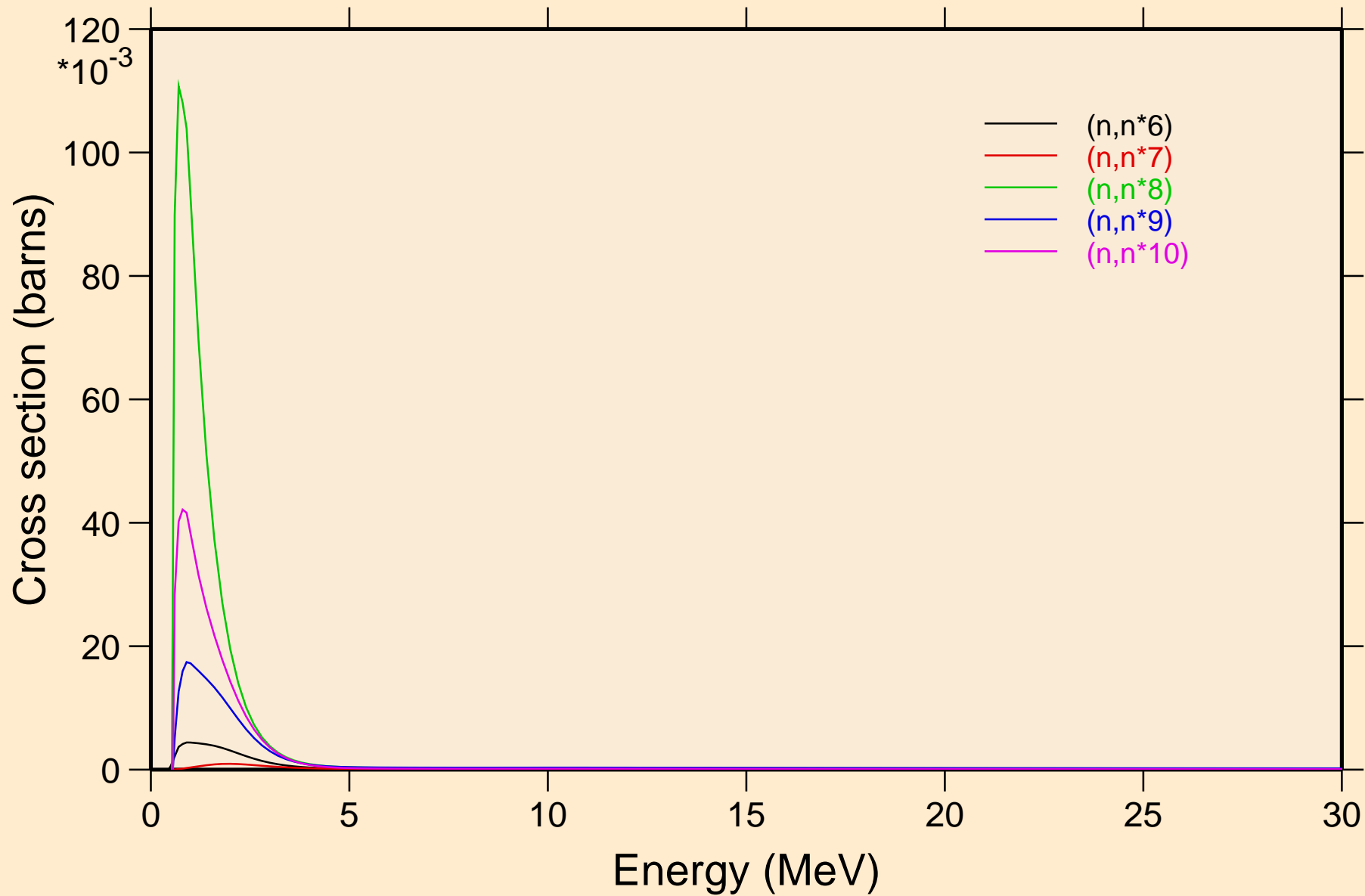
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



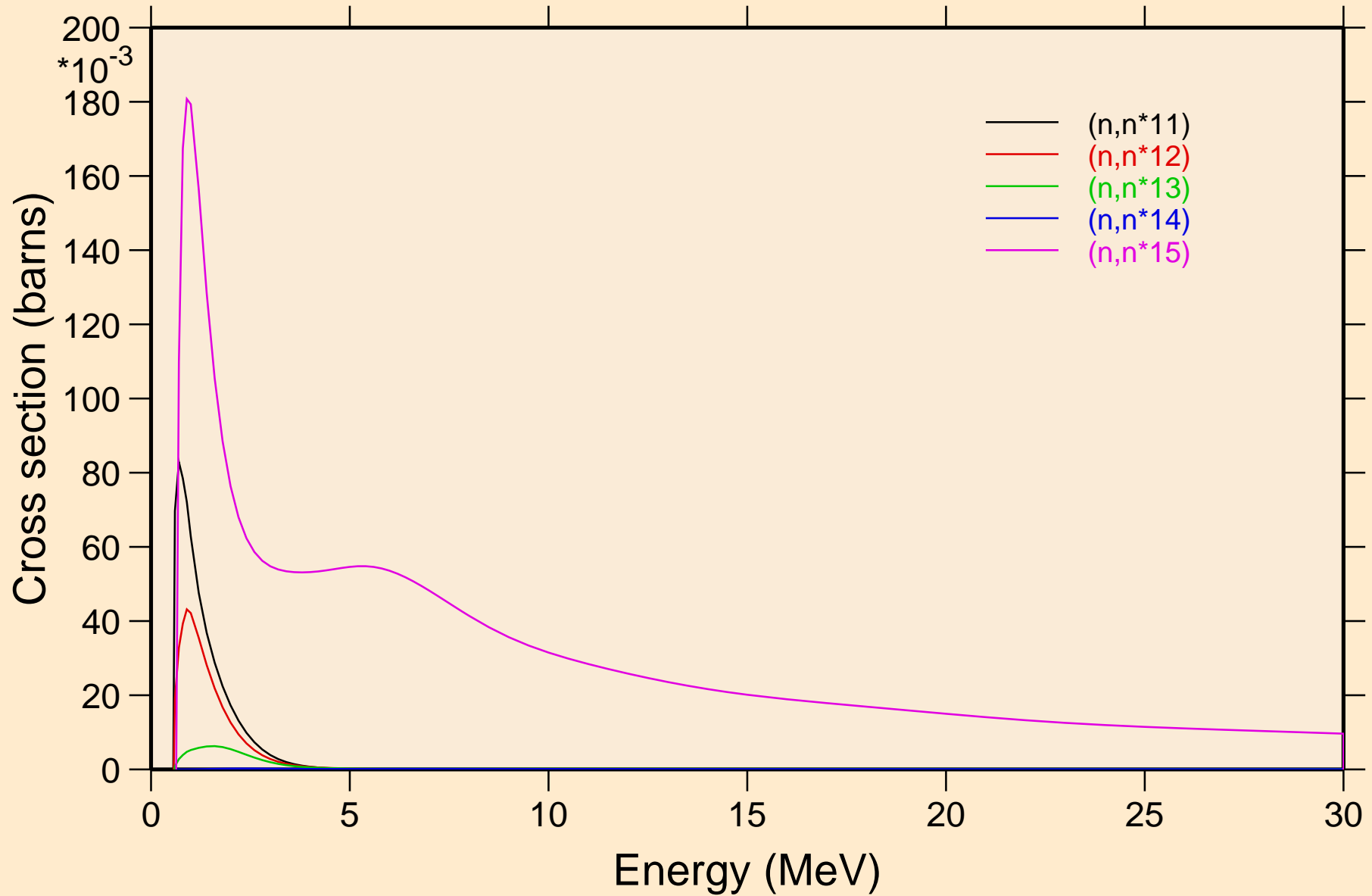
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



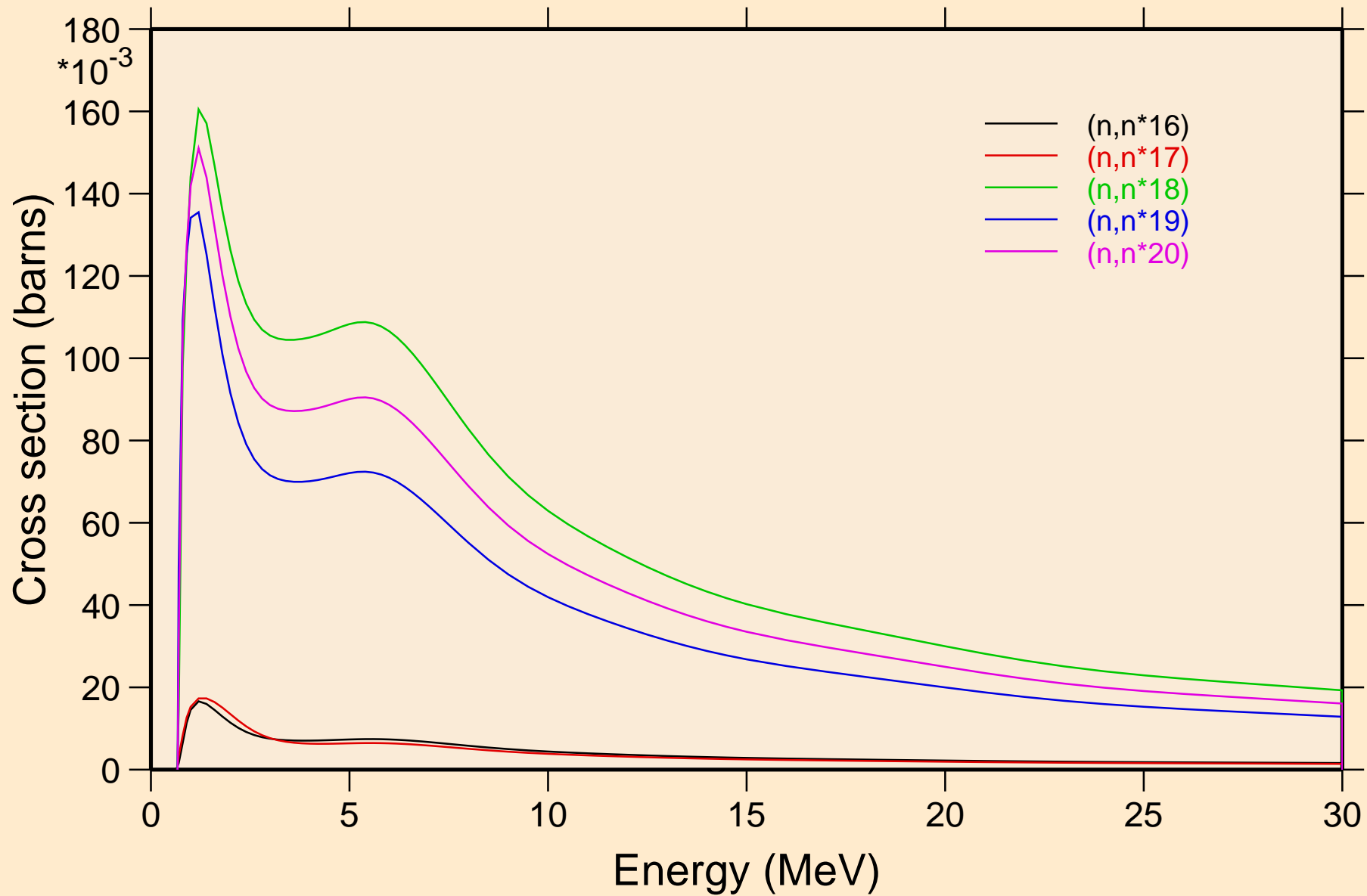
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



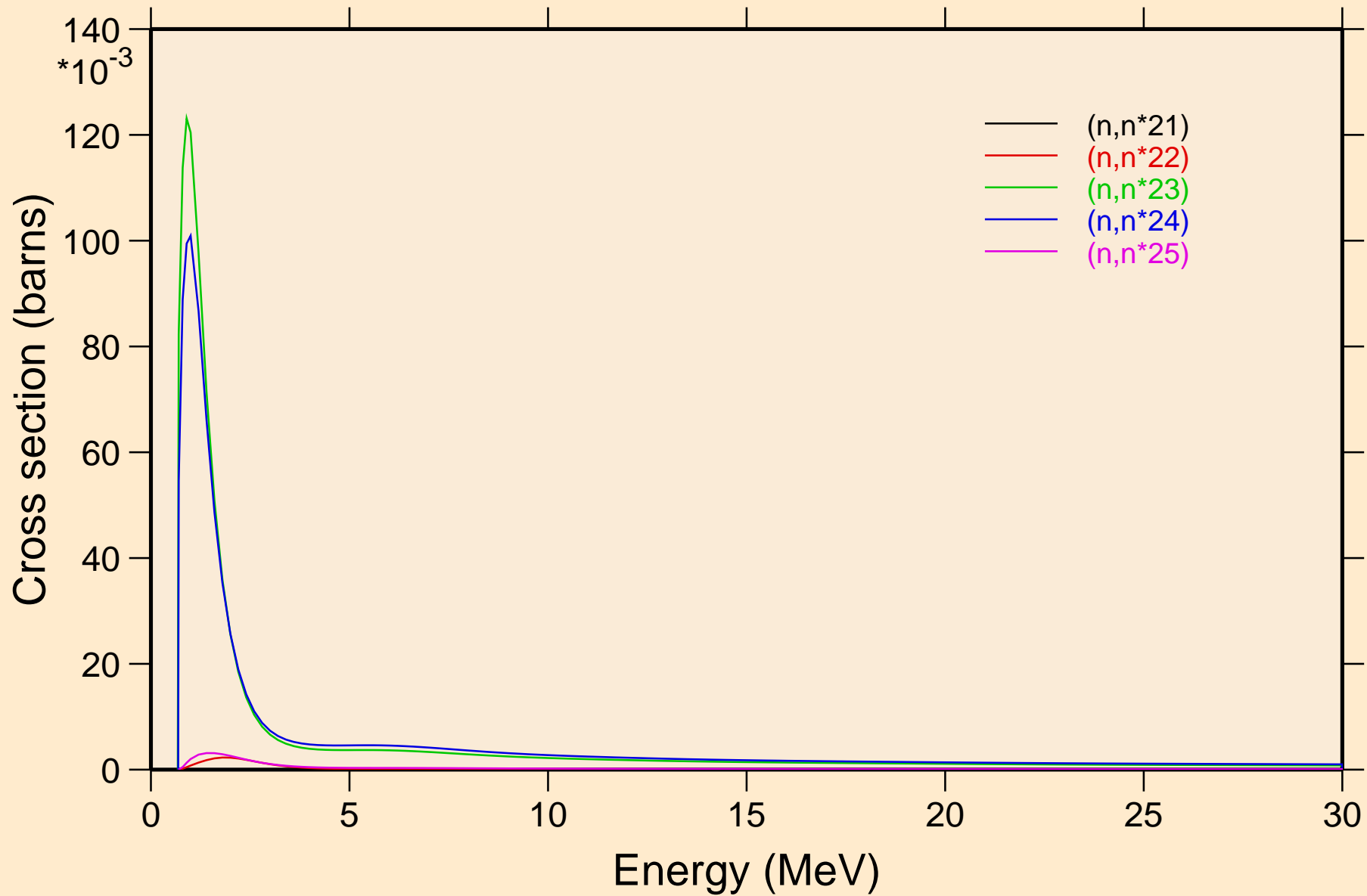
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



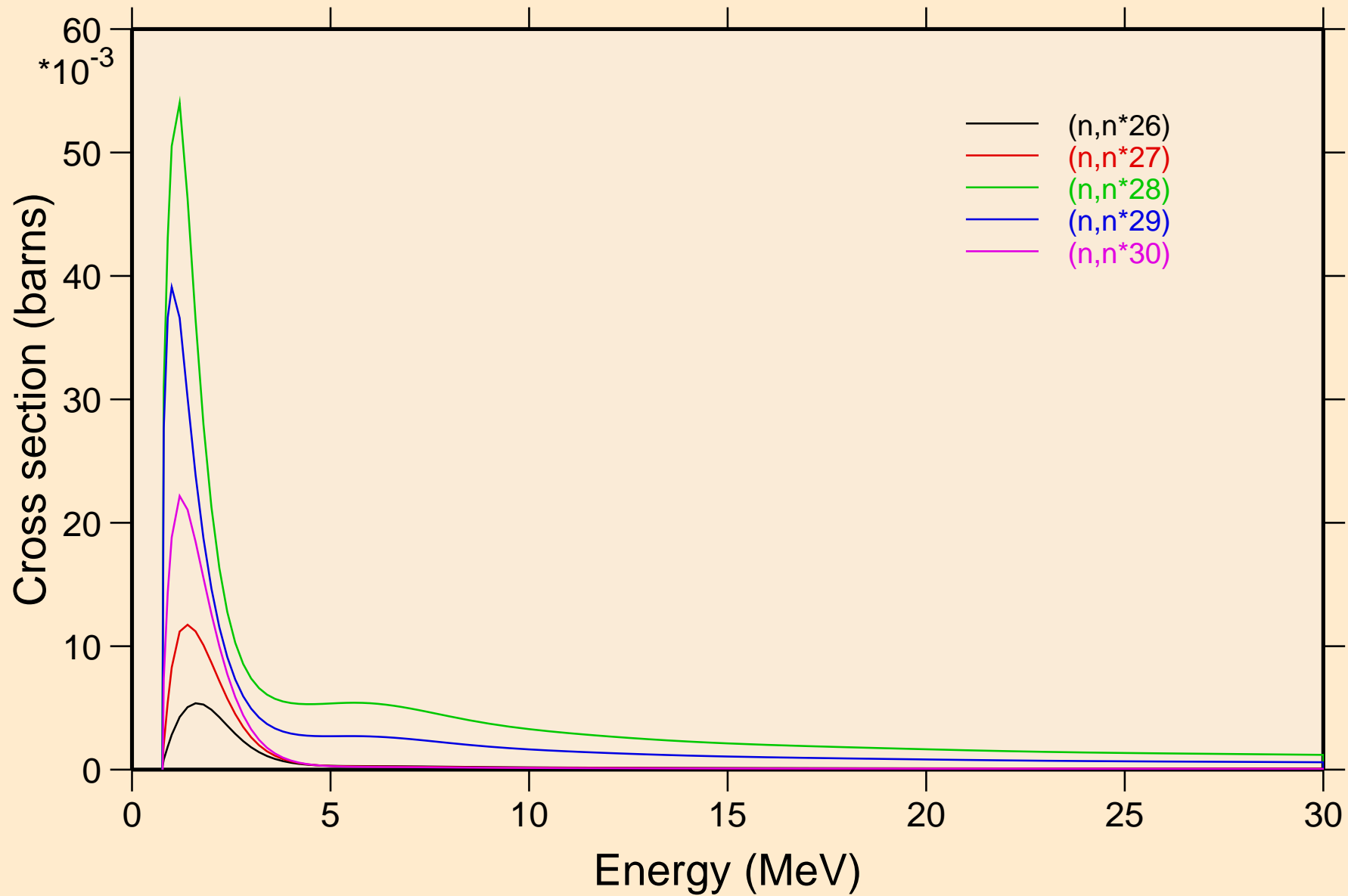
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

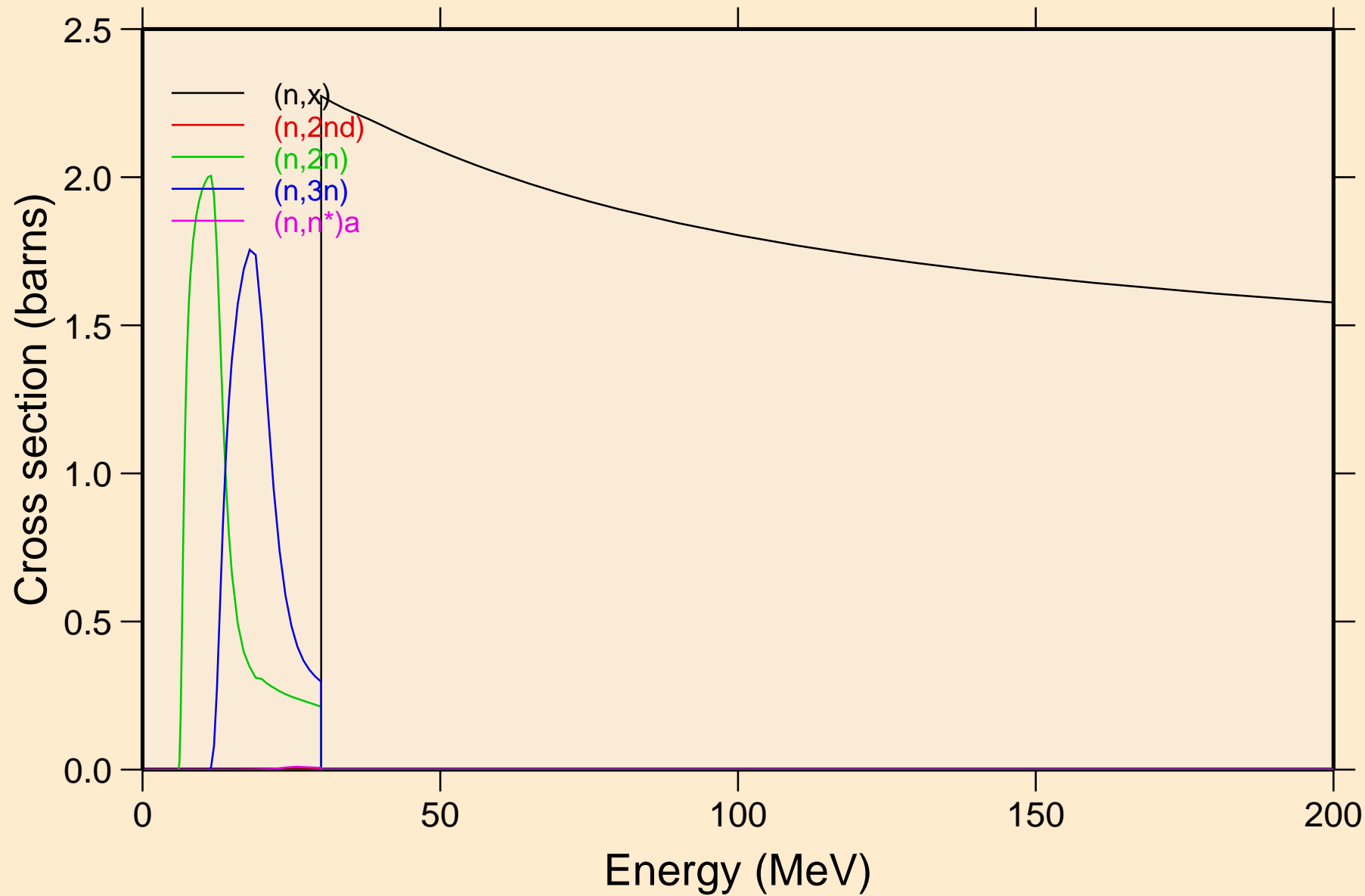


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



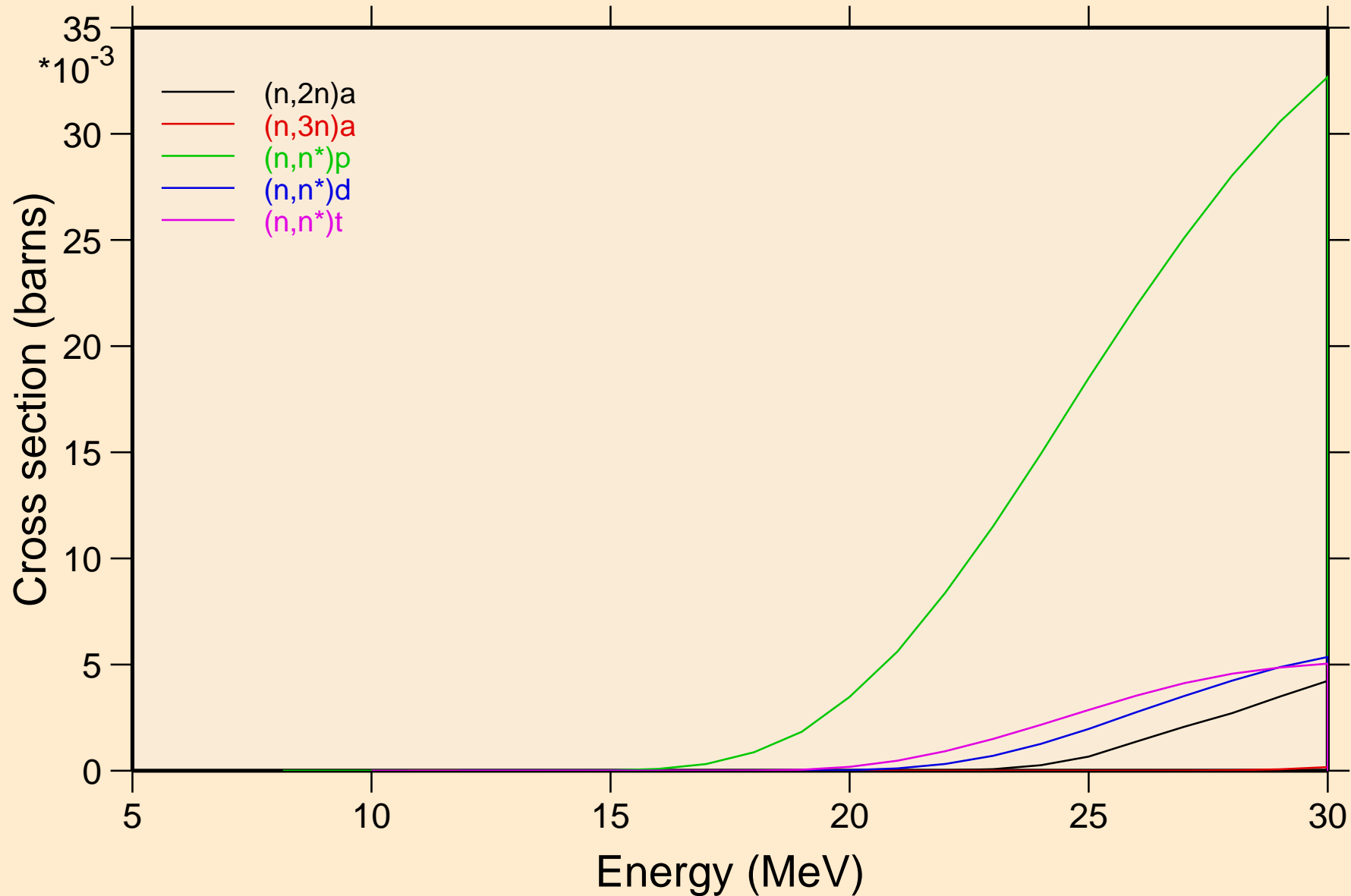


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

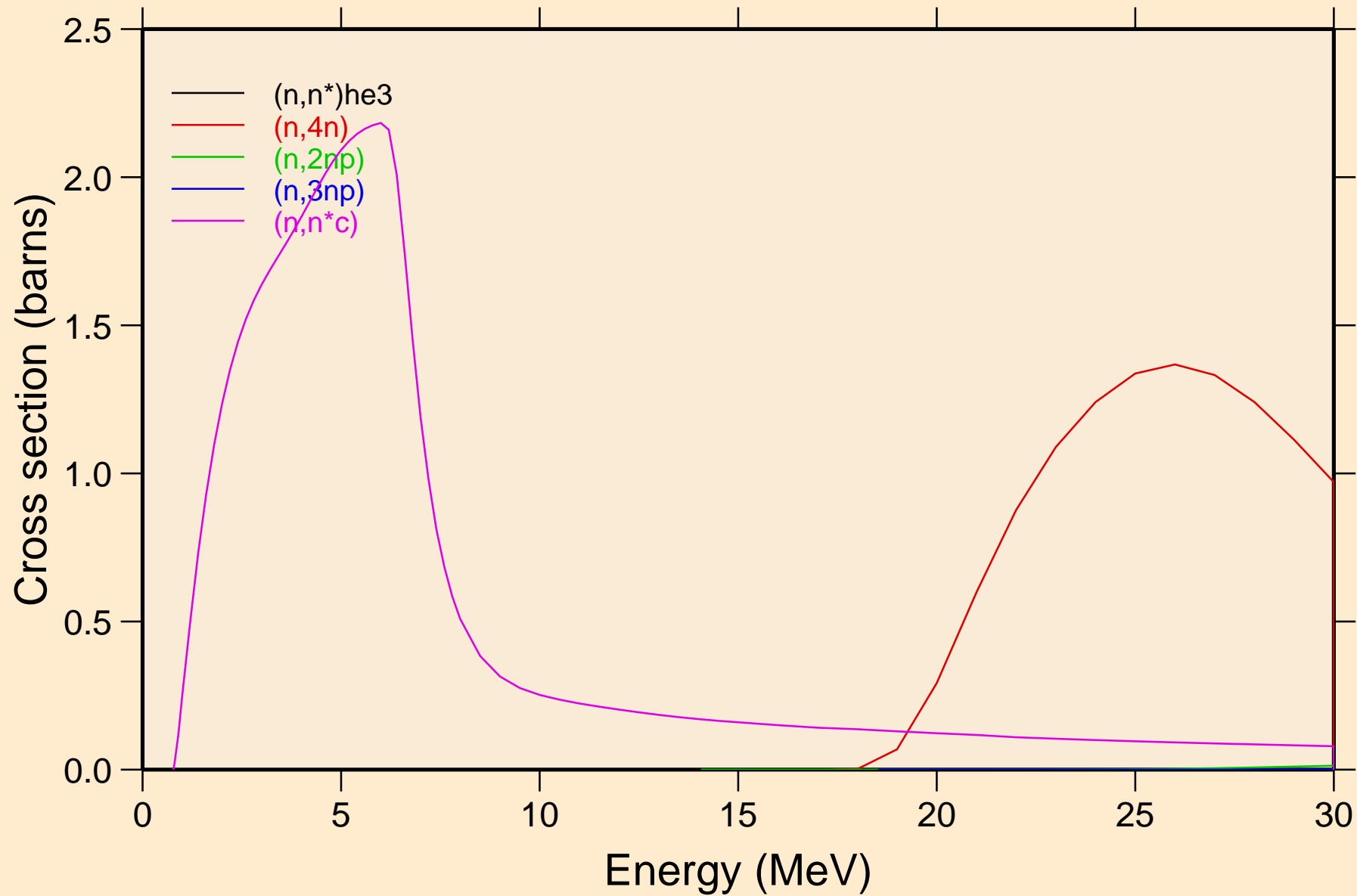


# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

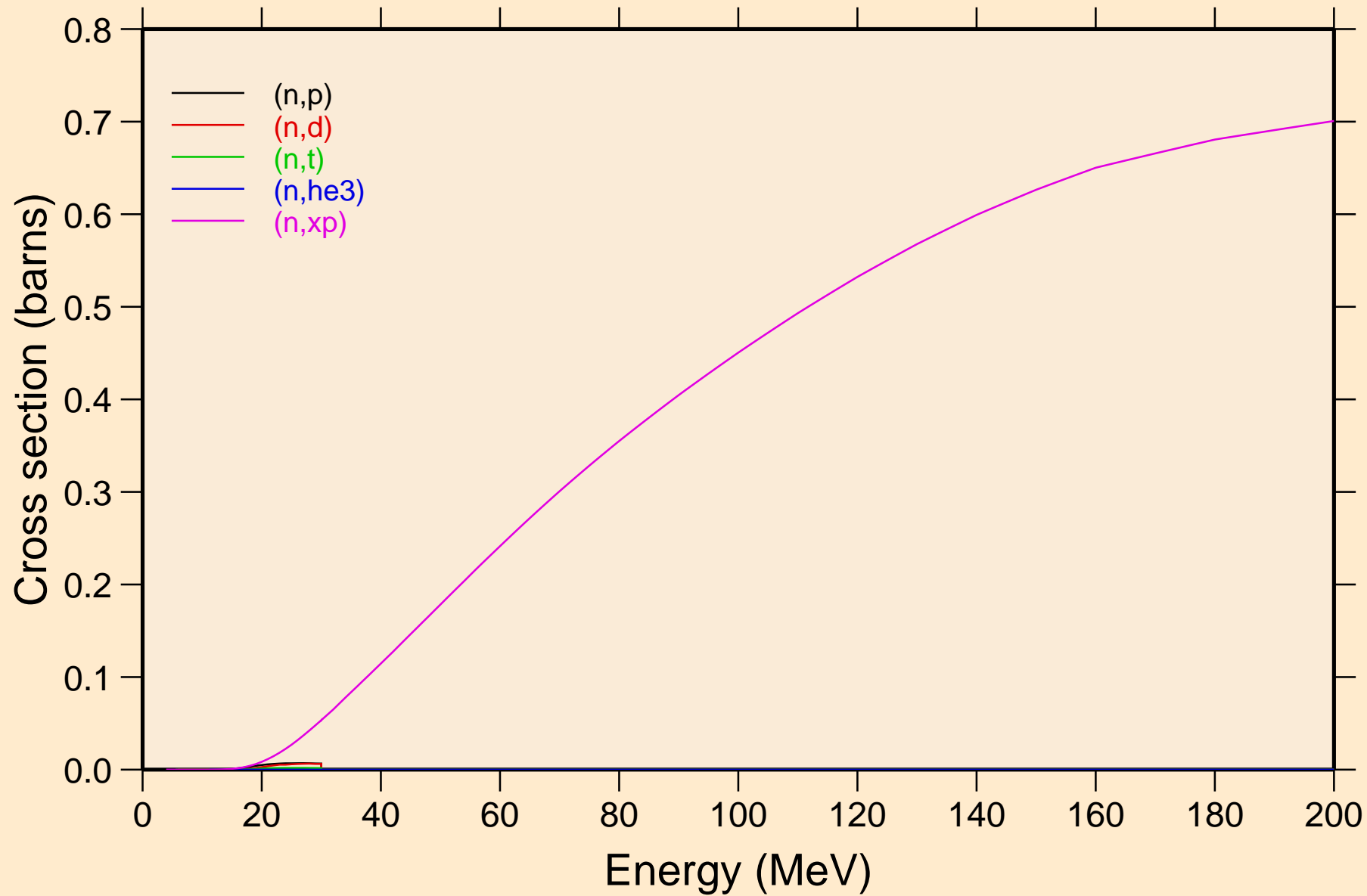


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



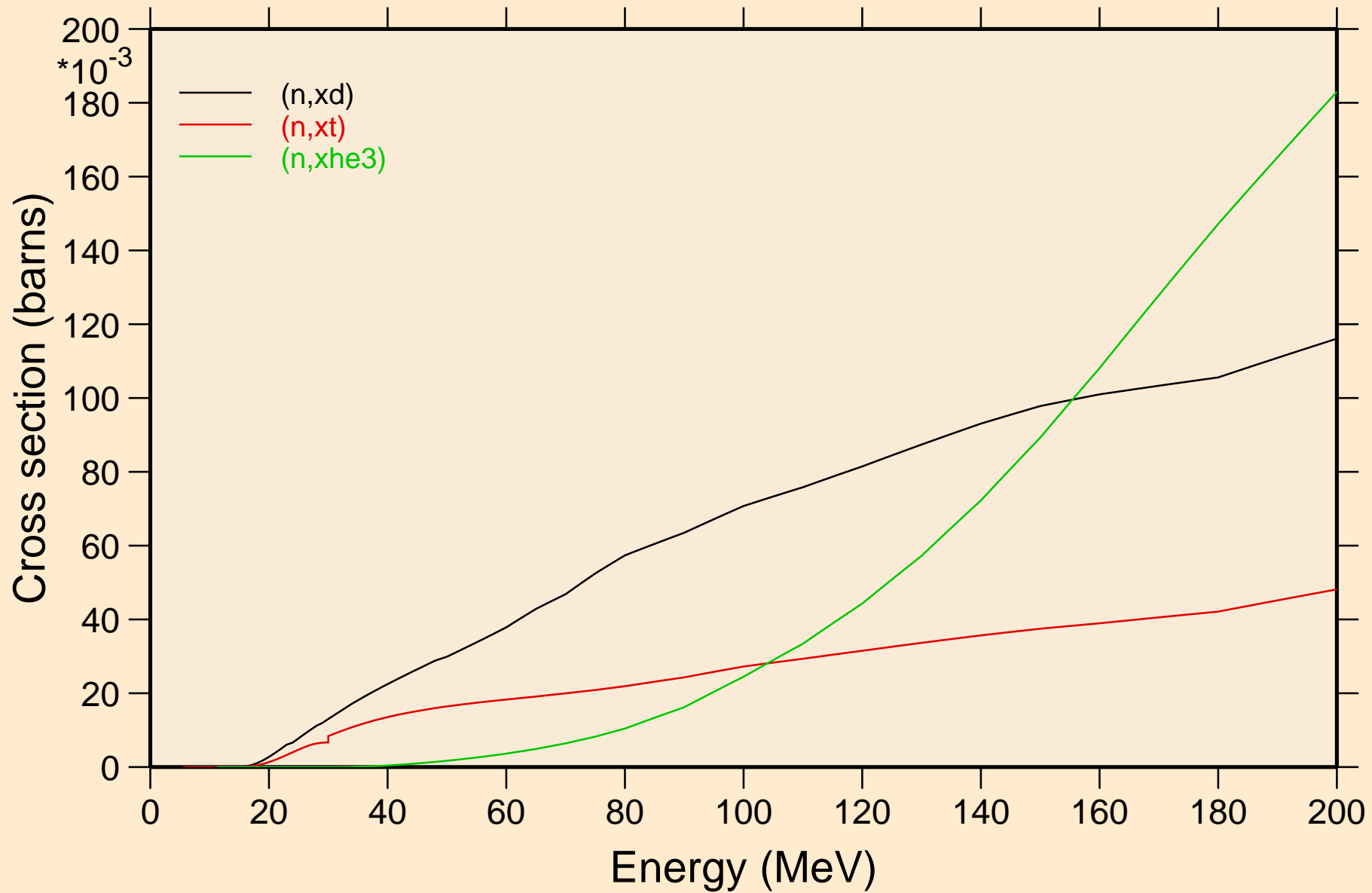
# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

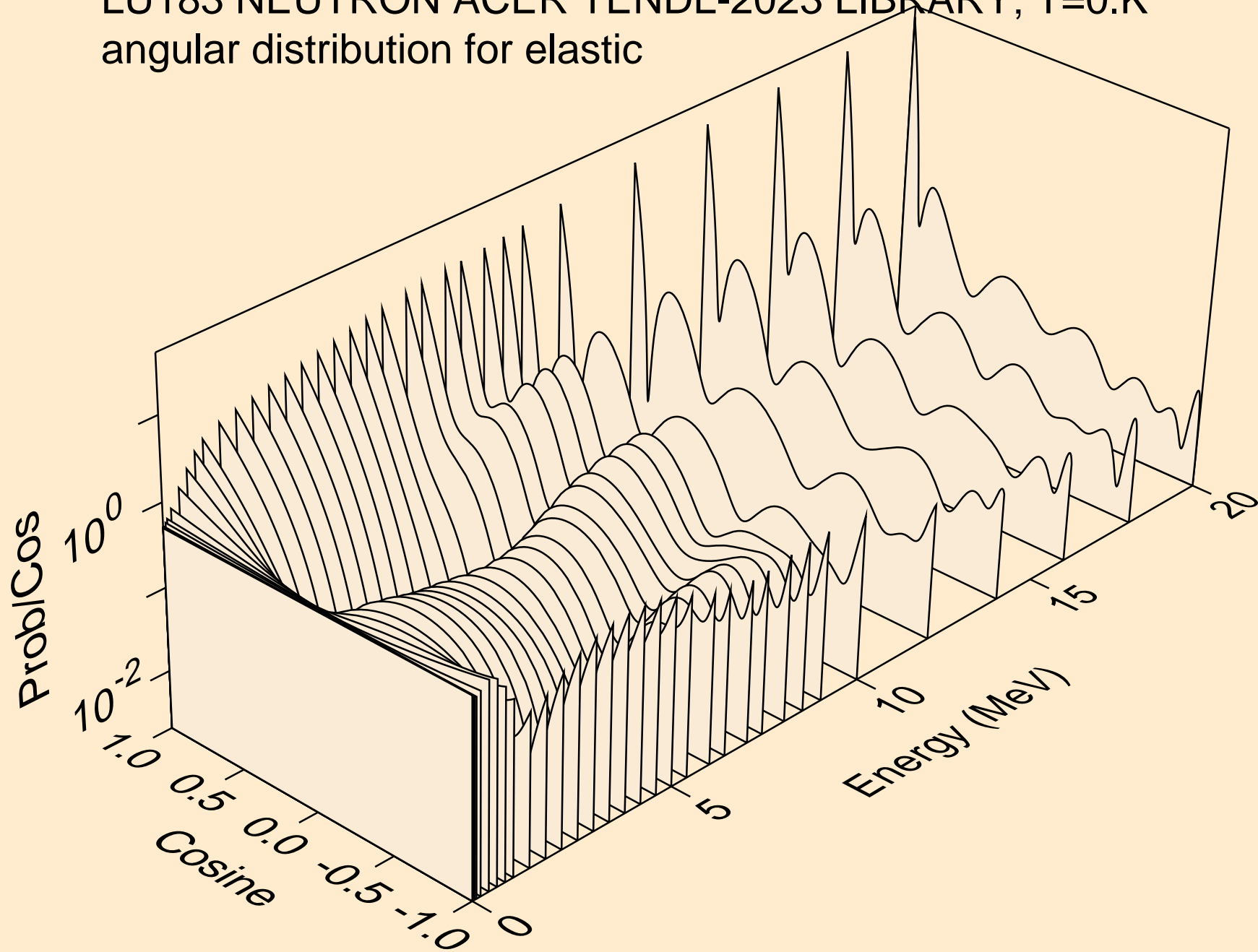


# LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

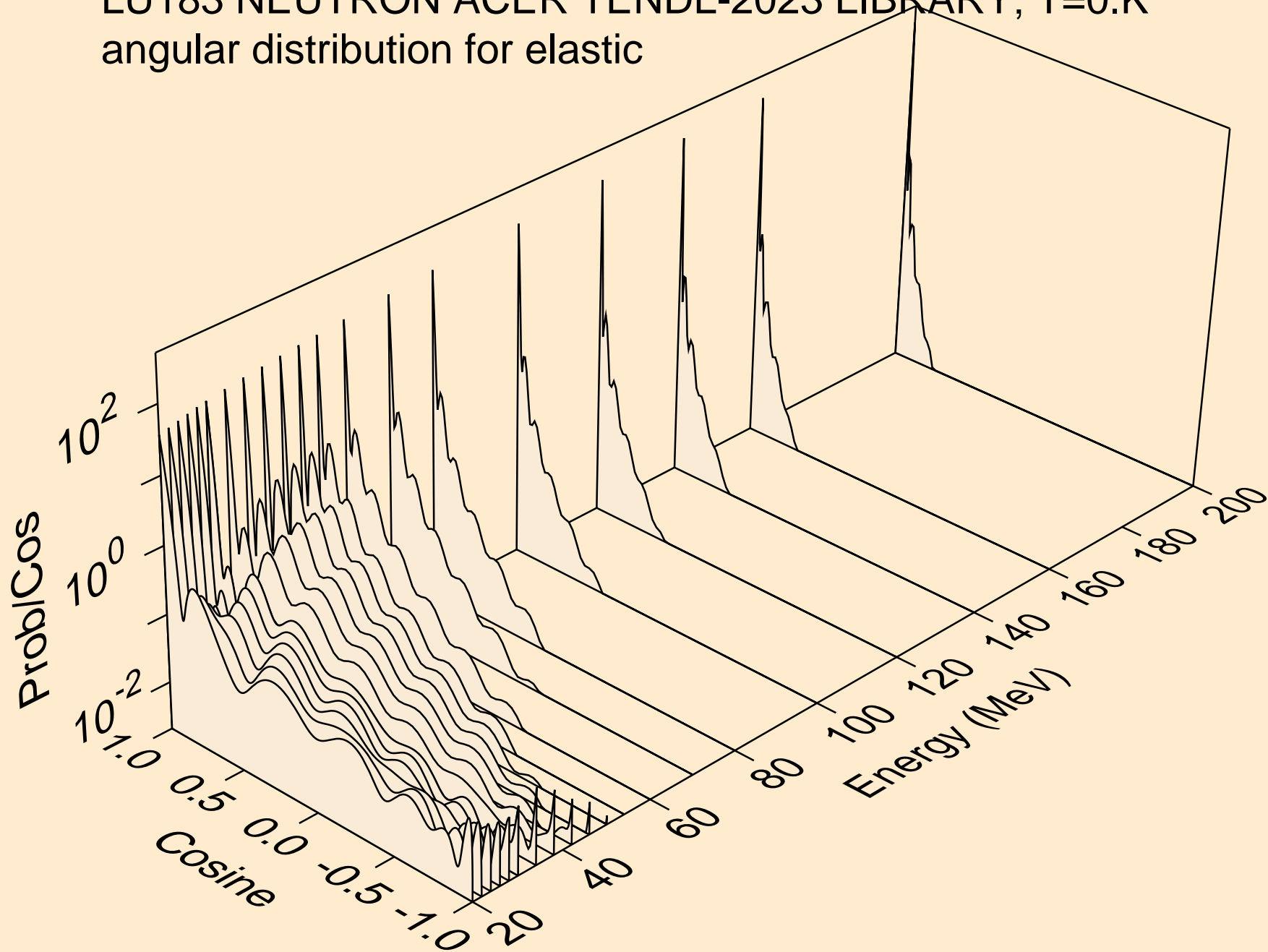
## Threshold reactions



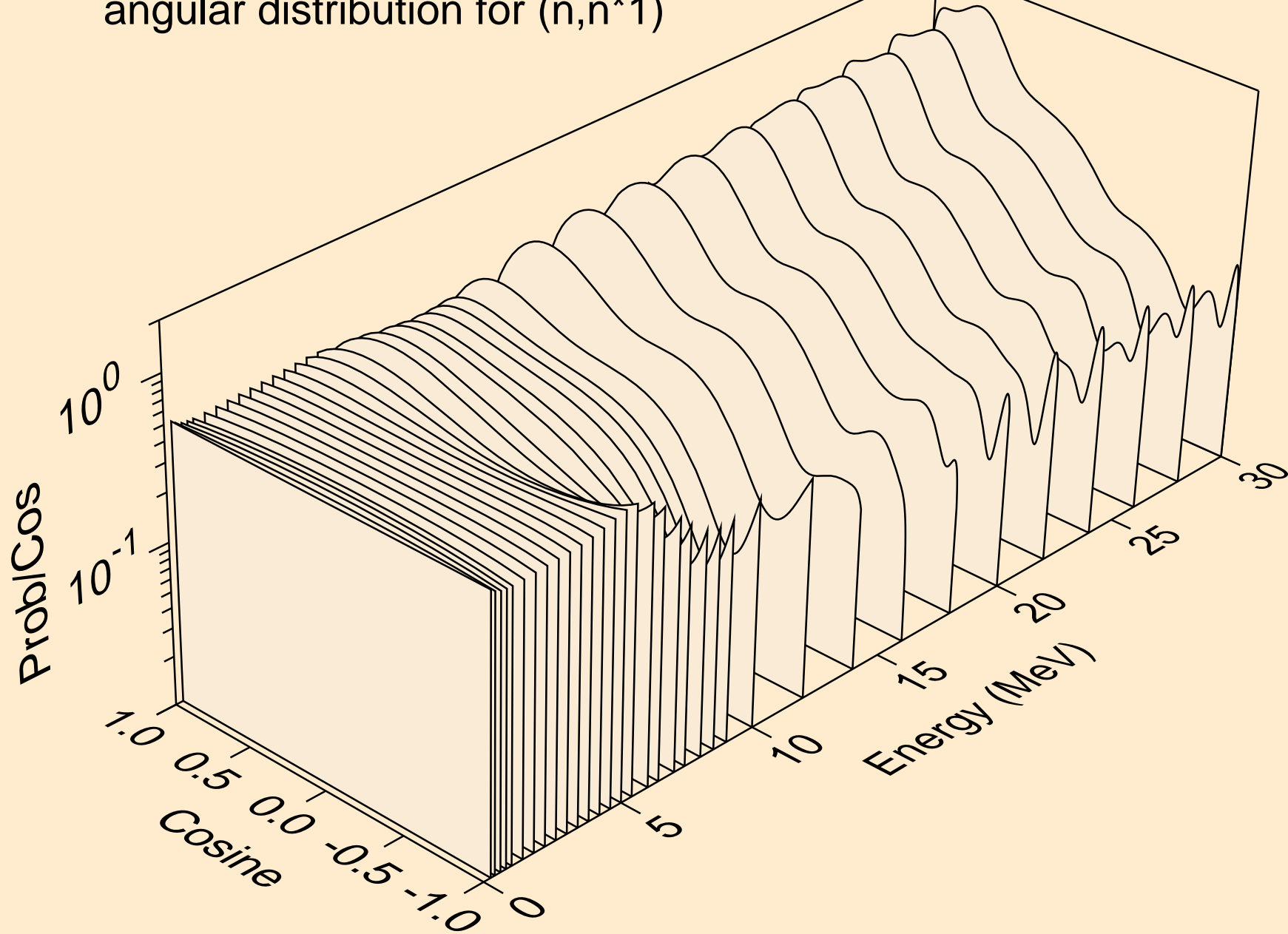
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

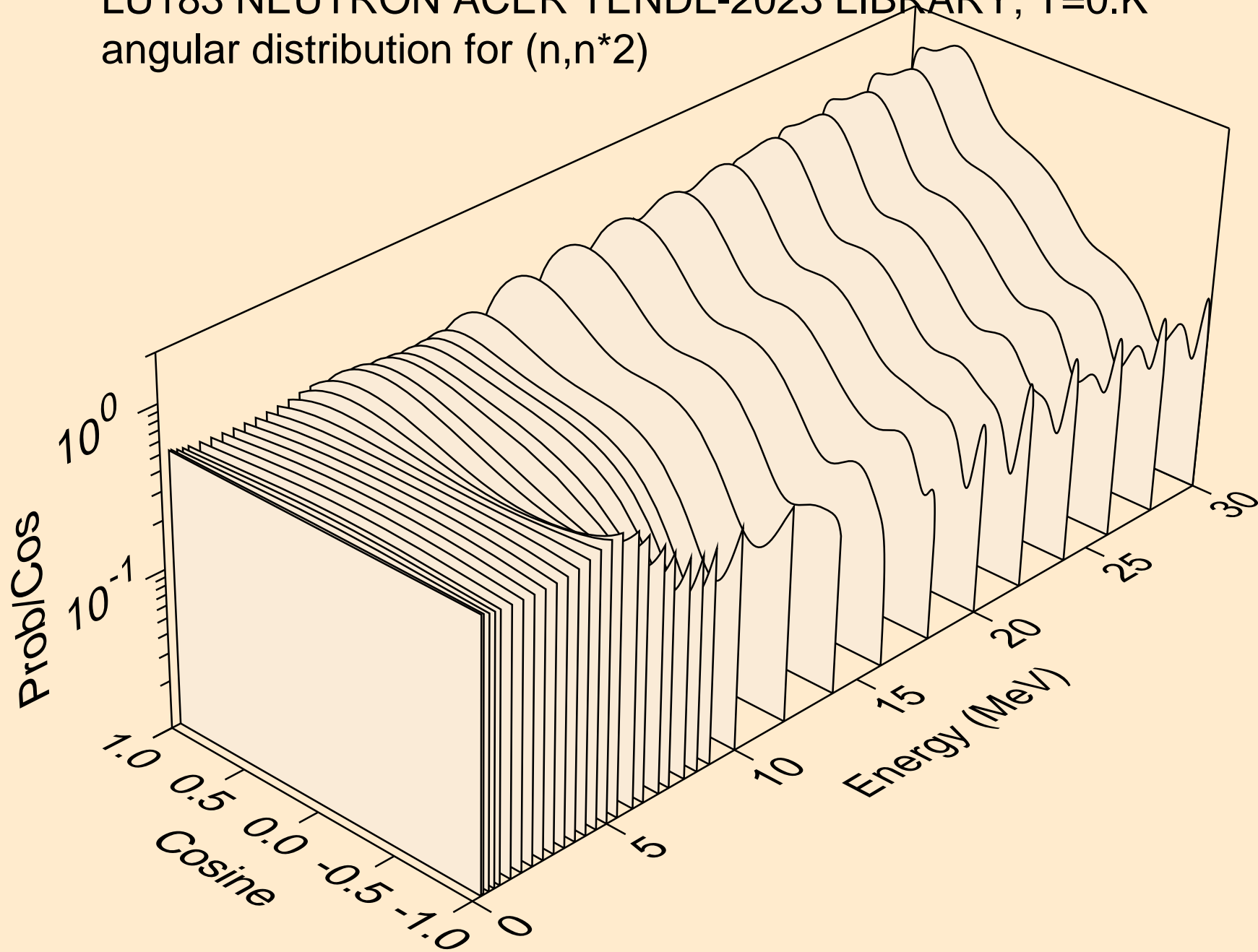


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

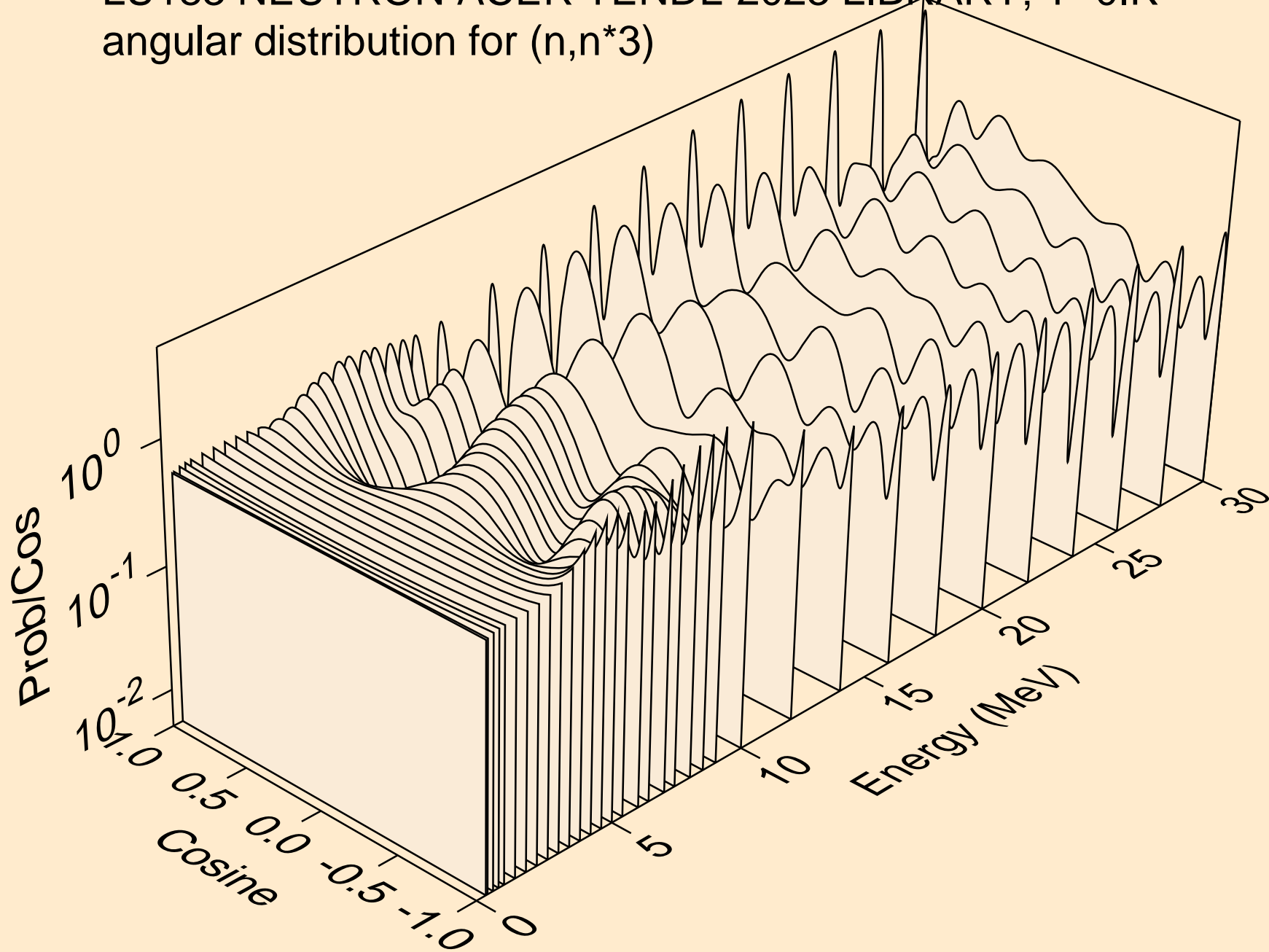




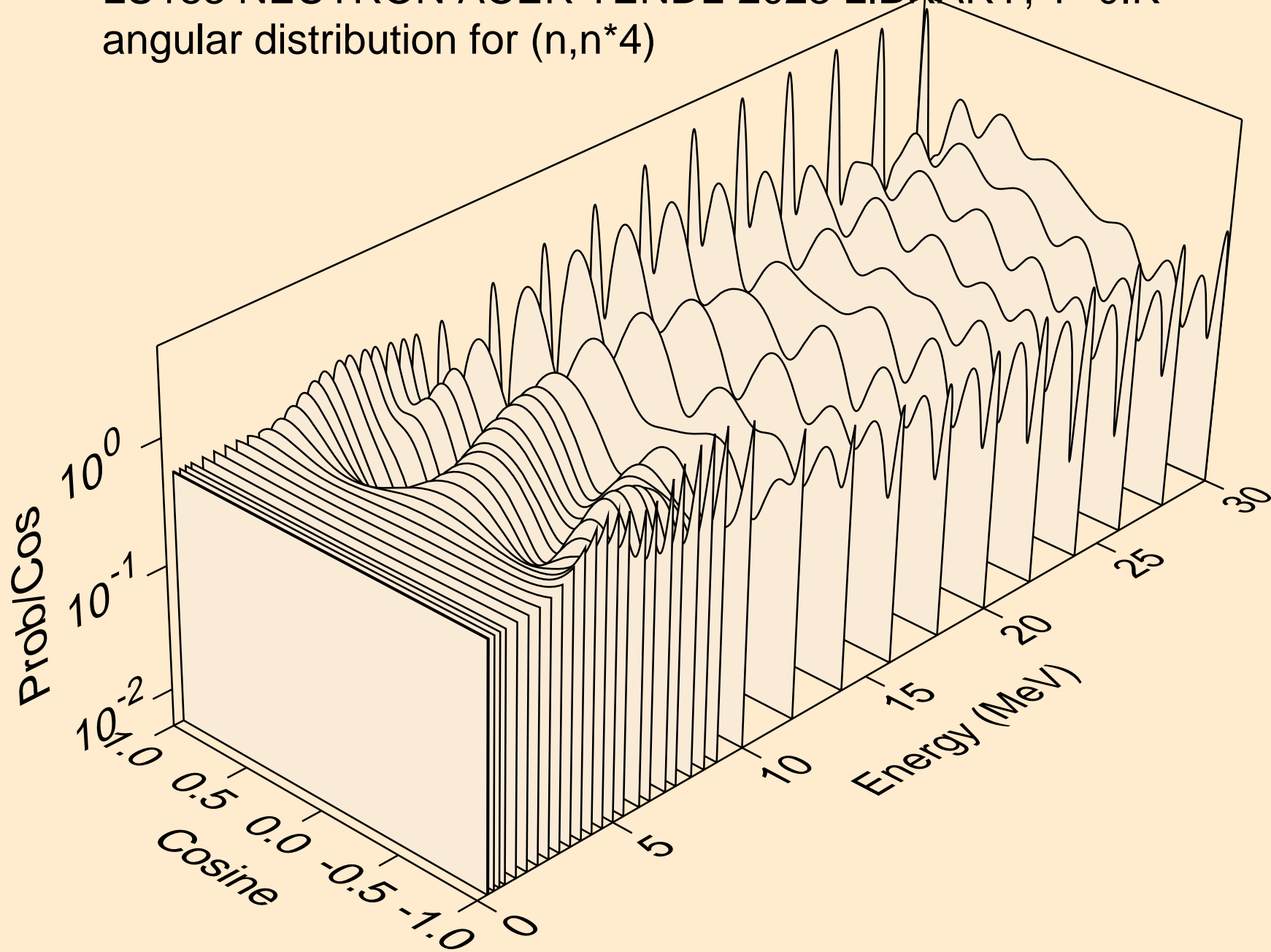
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angular distribution for (n,n\*2)



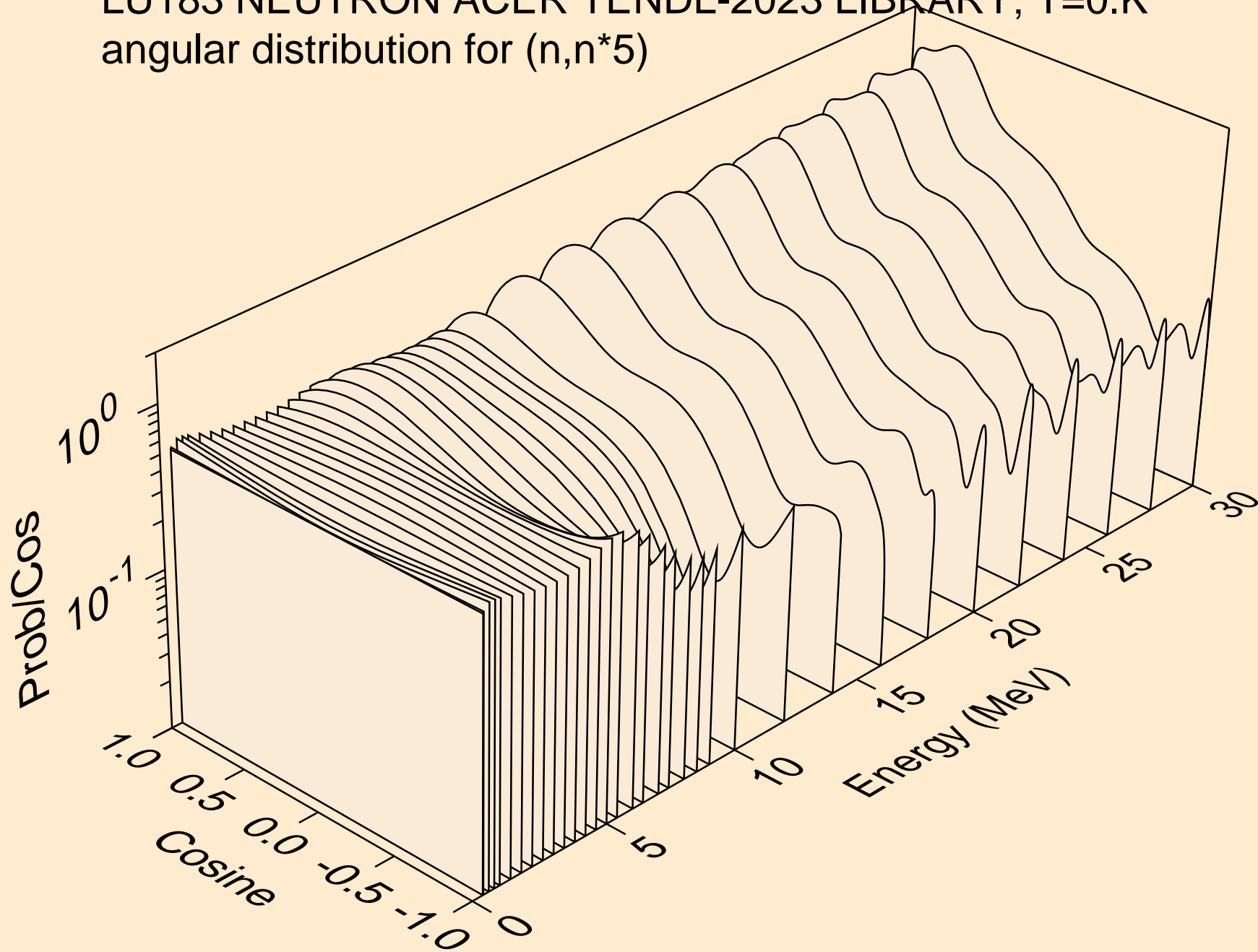
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angular distribution for (n,n\*3)



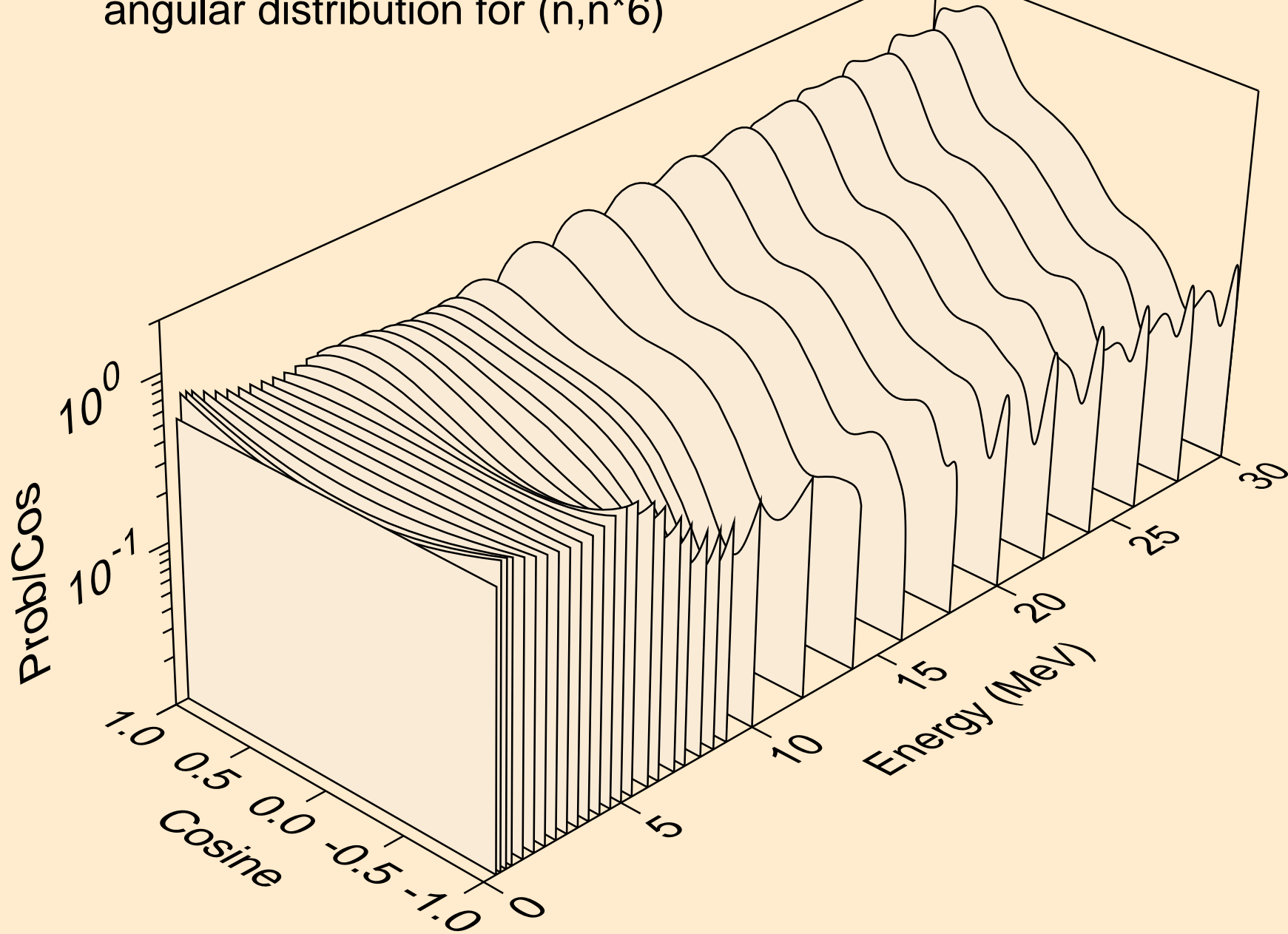
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angular distribution for (n,n\*4)



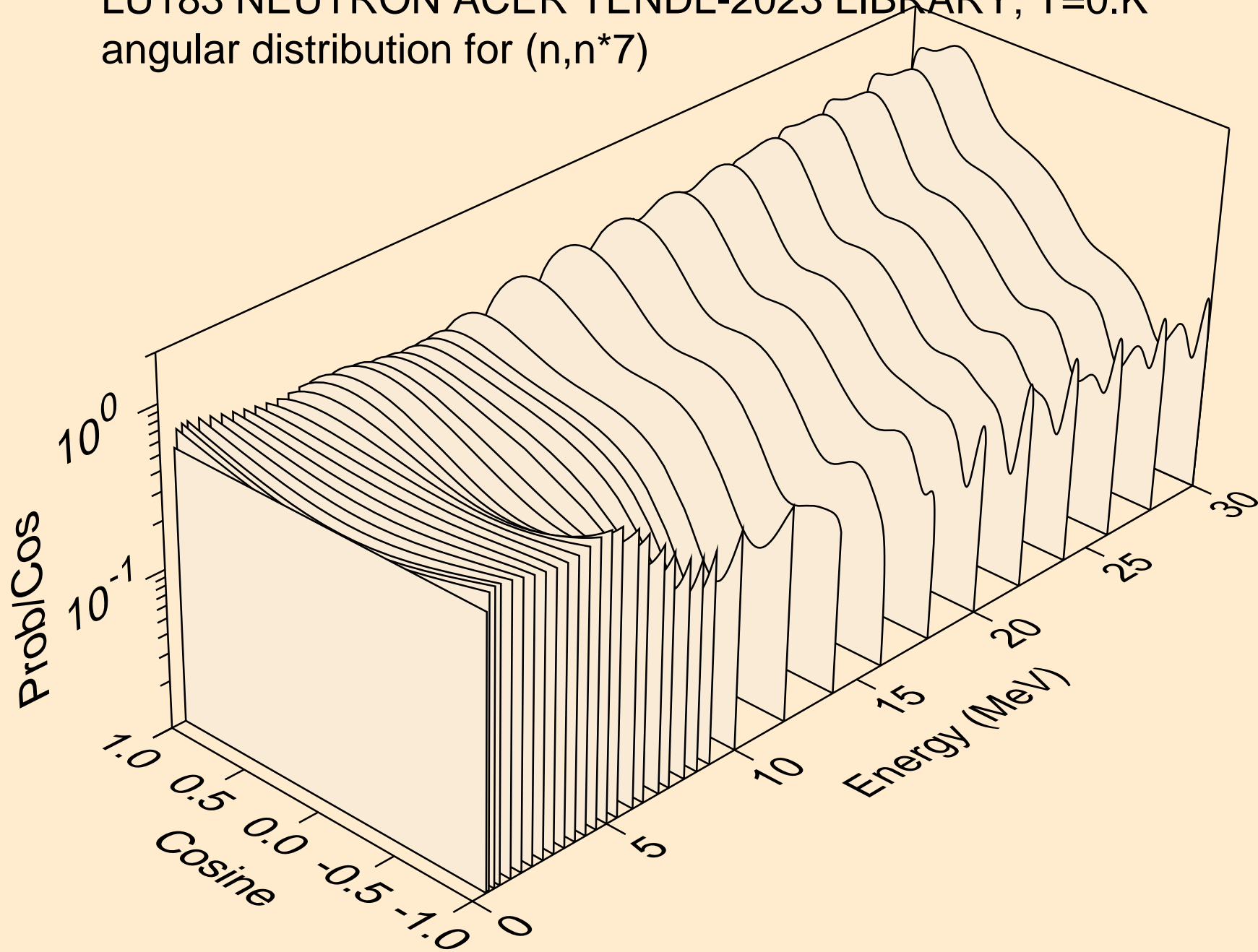
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angular distribution for (n,n\*5)



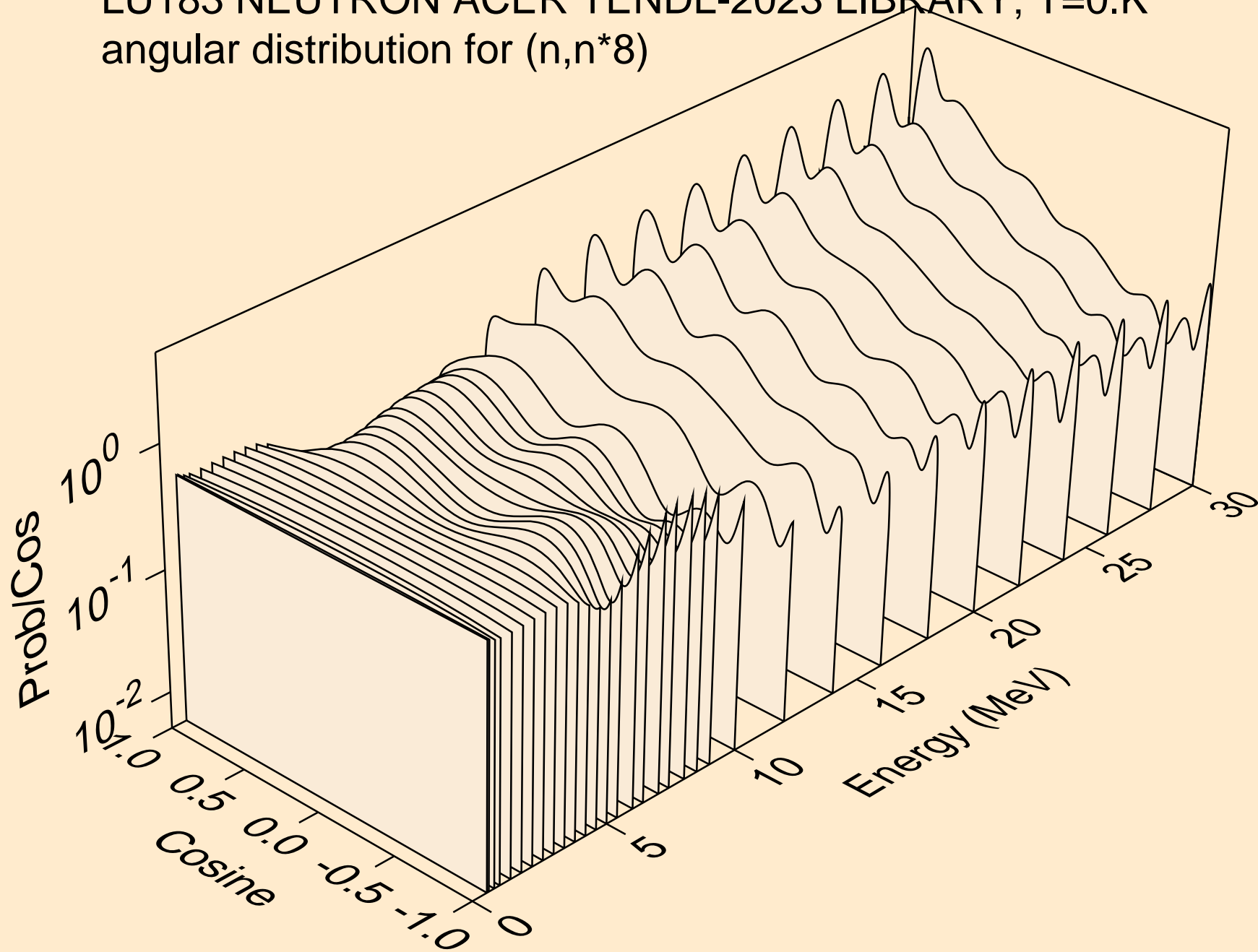
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



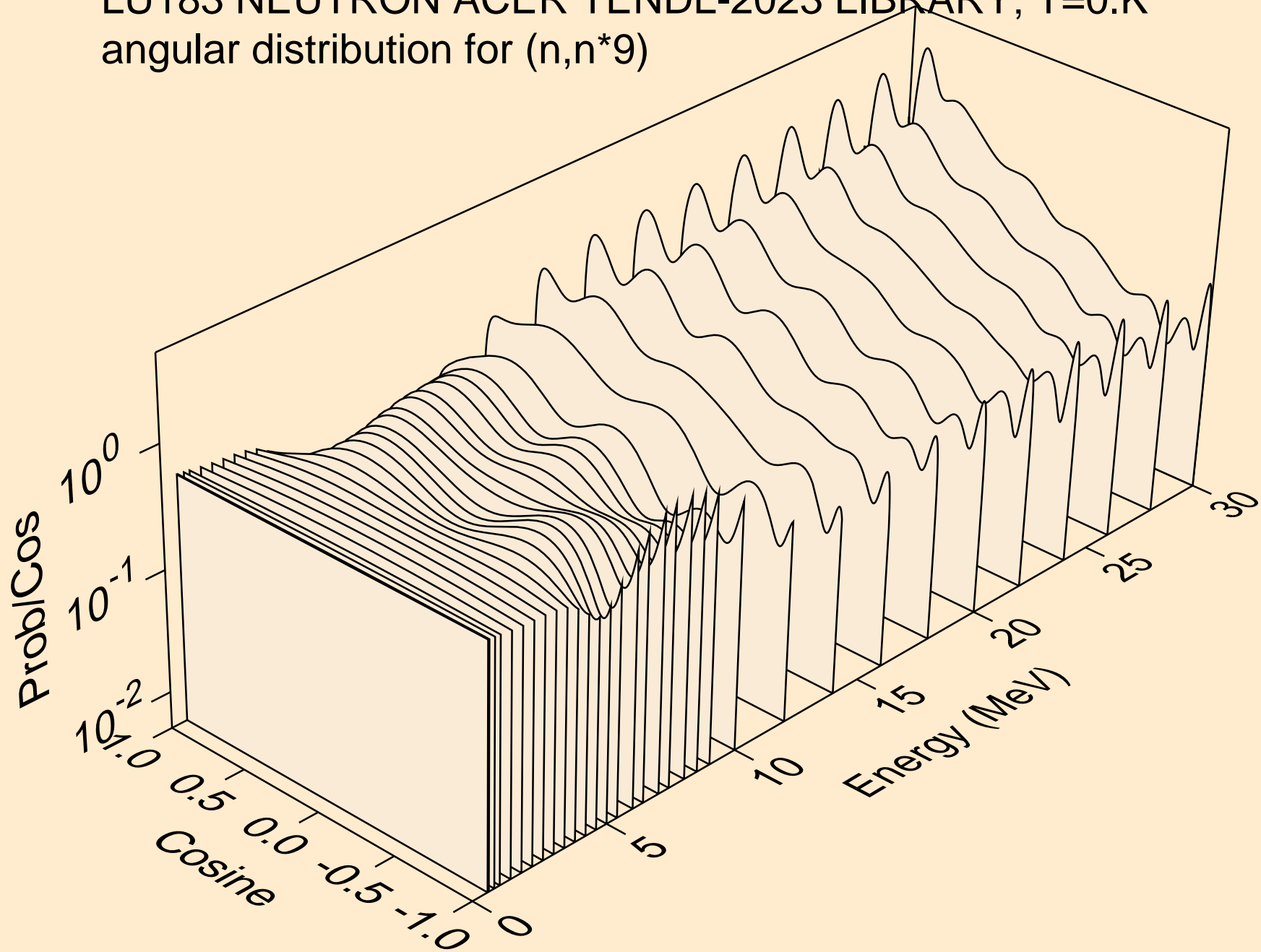
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

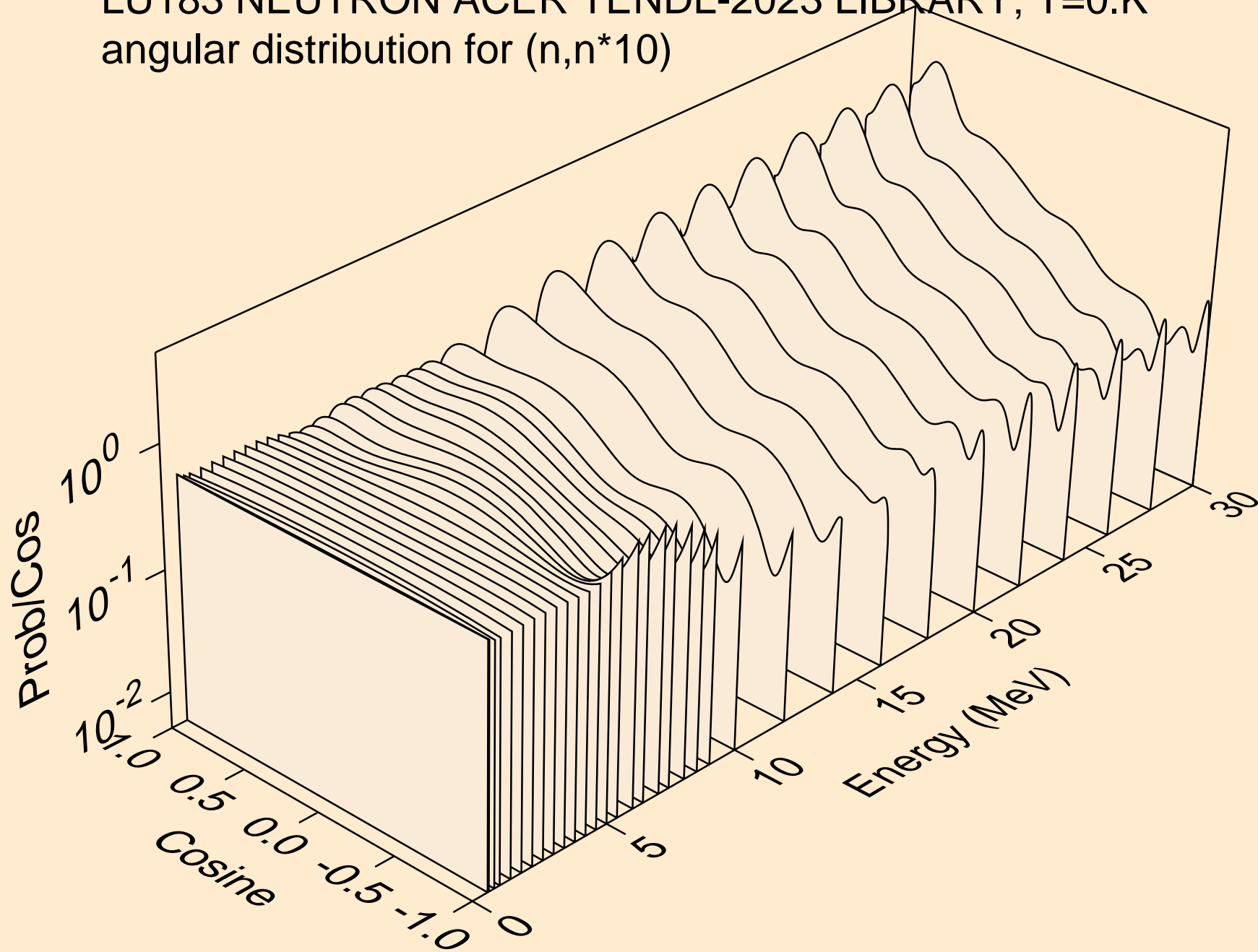


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

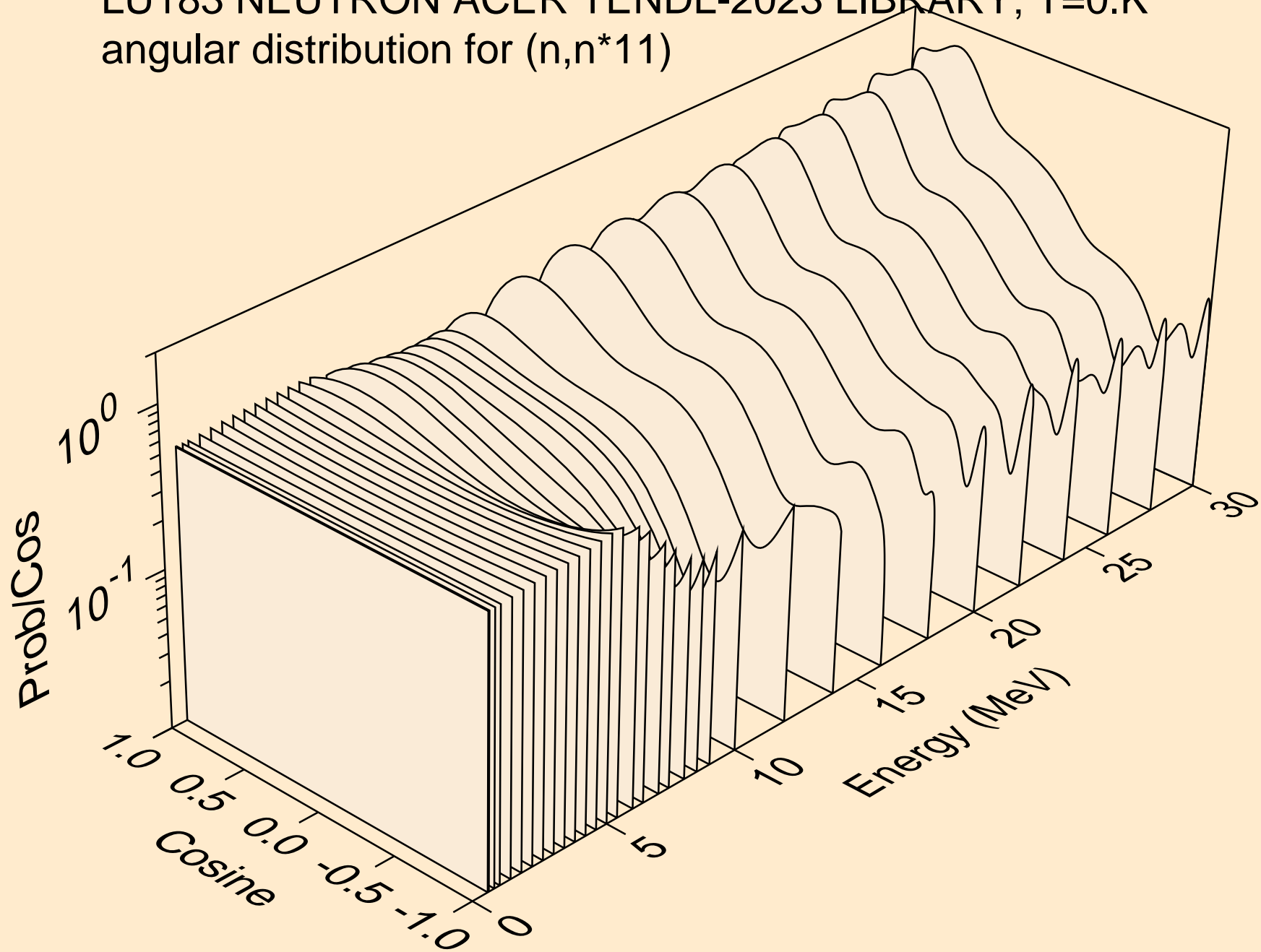




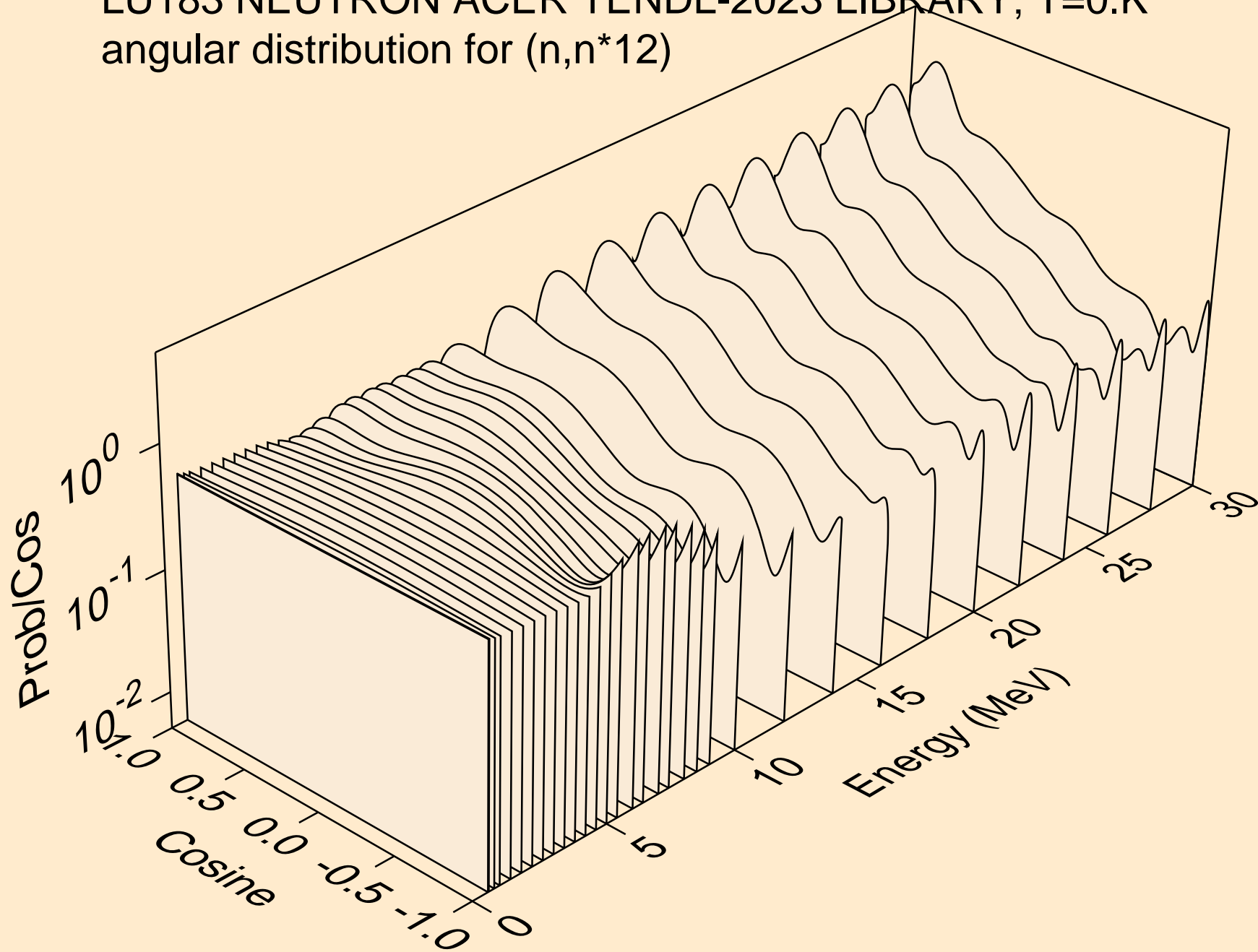
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angular distribution for (n,n\*10)



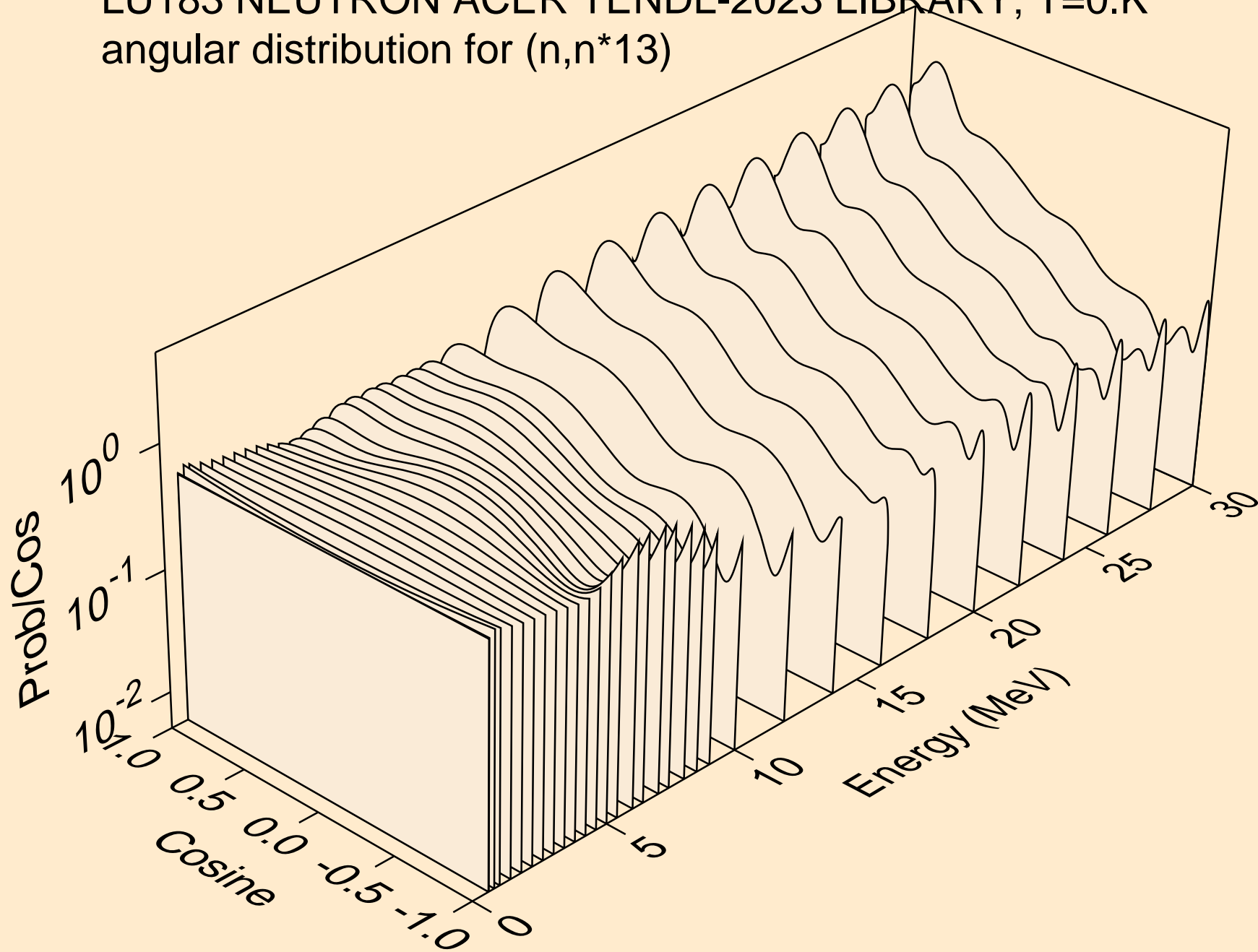
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angular distribution for (n,n\*11)



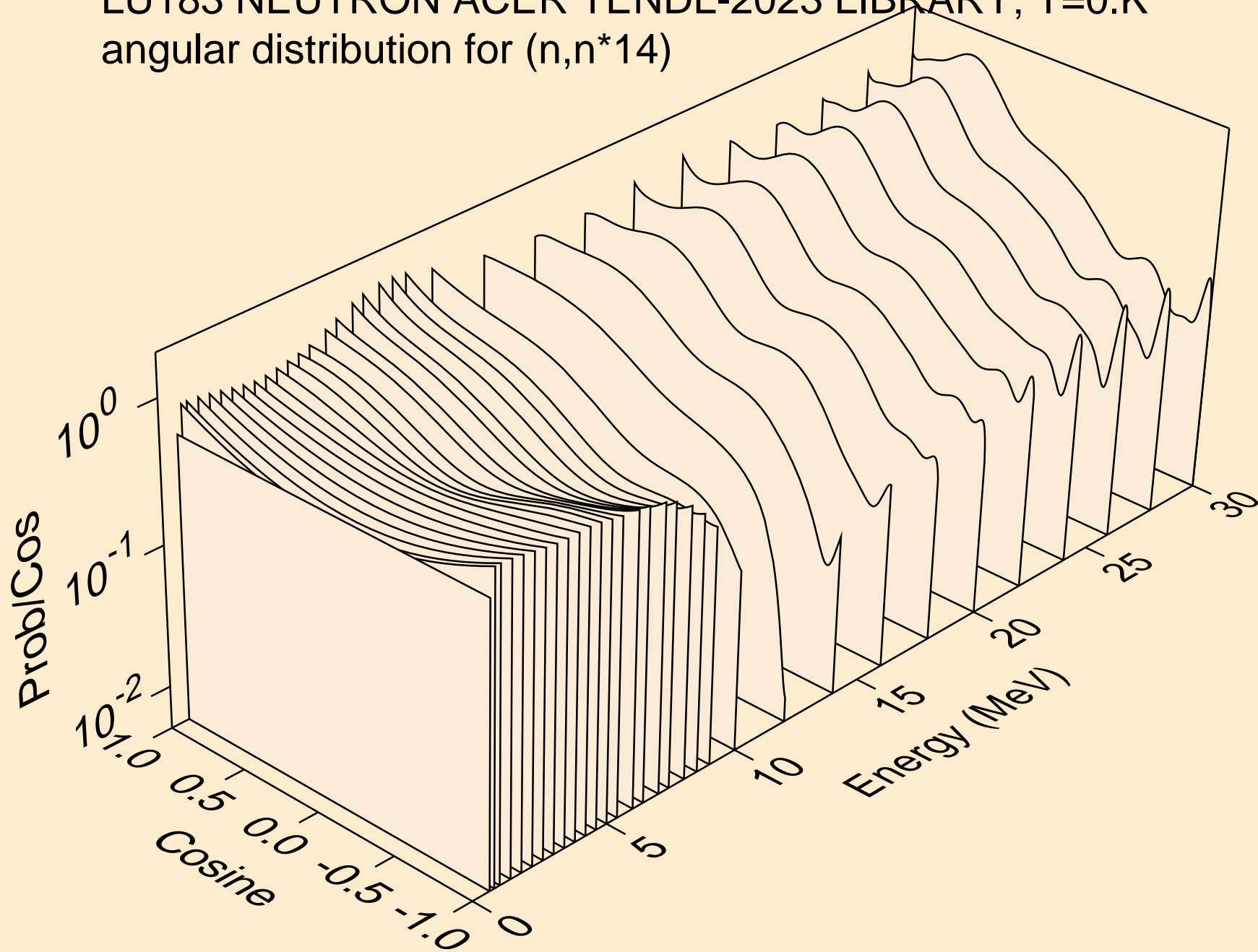
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angular distribution for (n,n\*12)



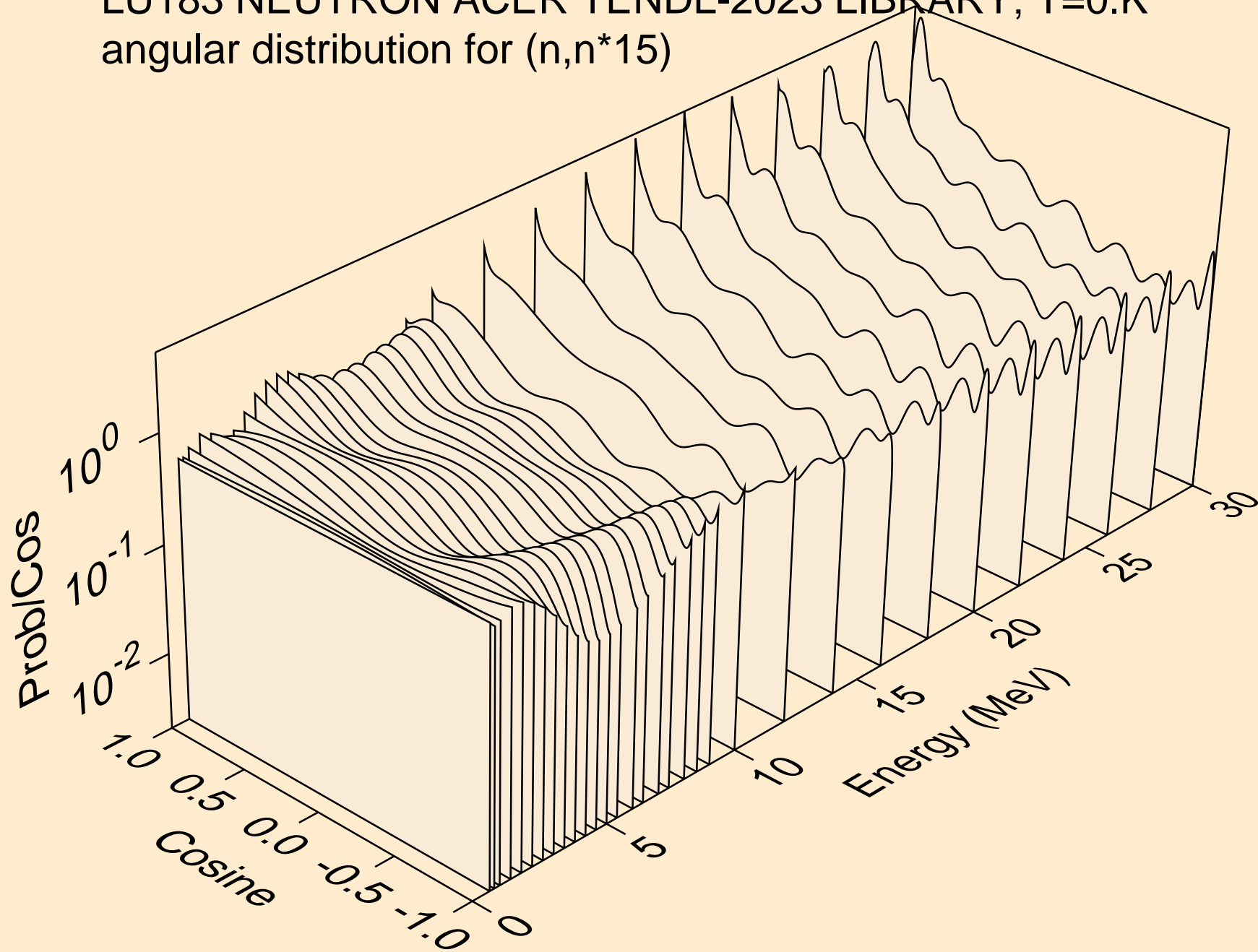
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angular distribution for (n,n\*13)



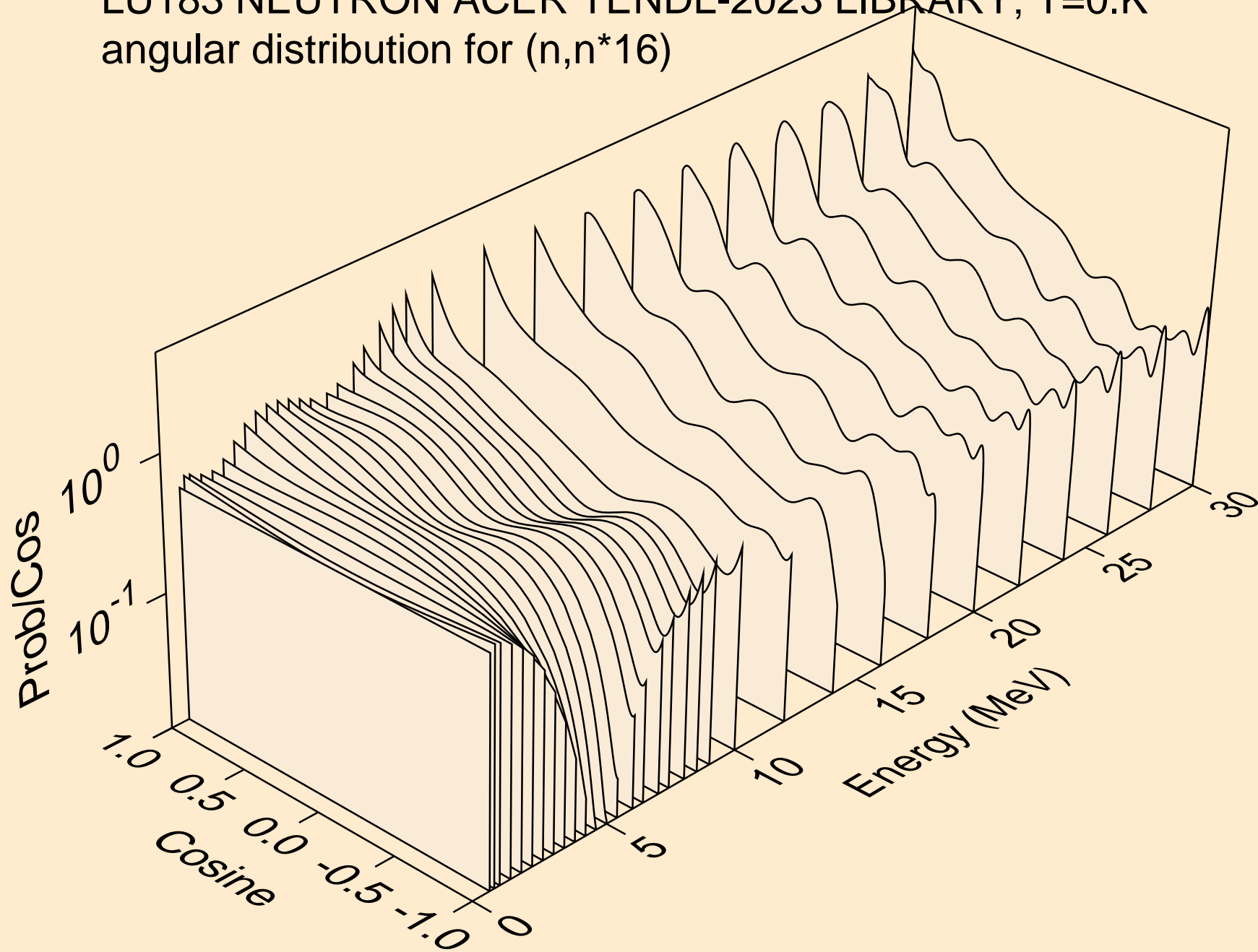
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angular distribution for (n,n\*14)



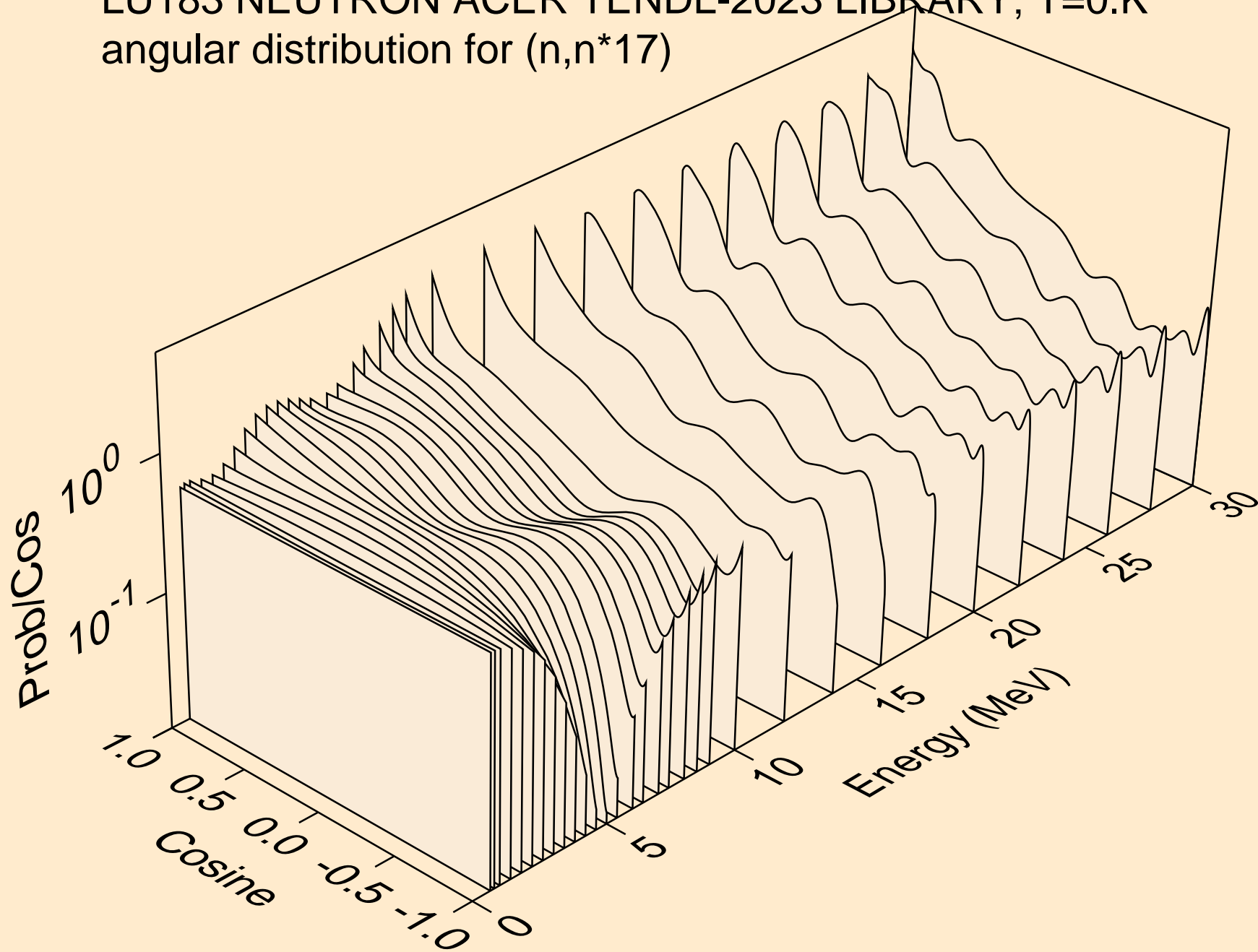
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

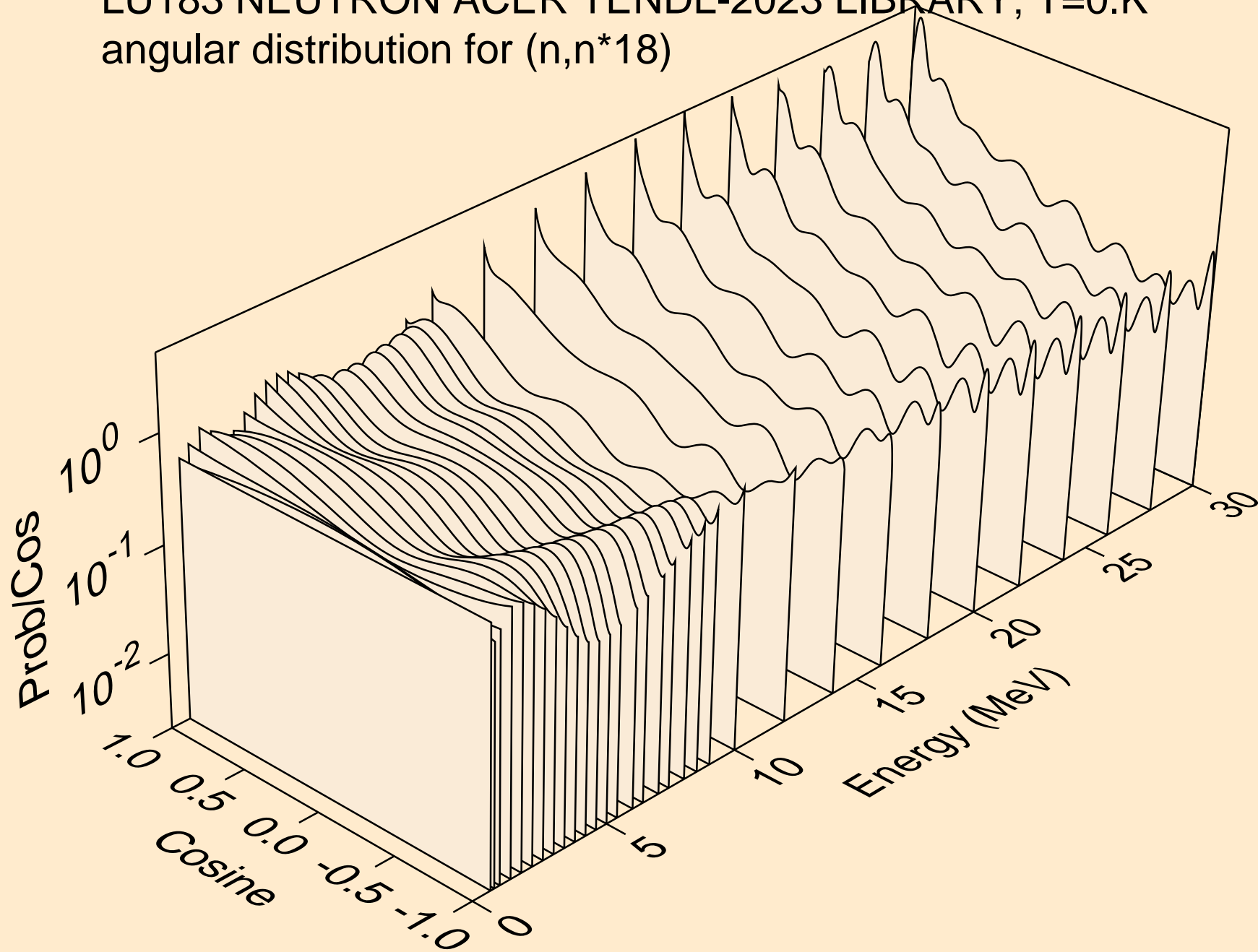


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angular distribution for (n,n\*17)

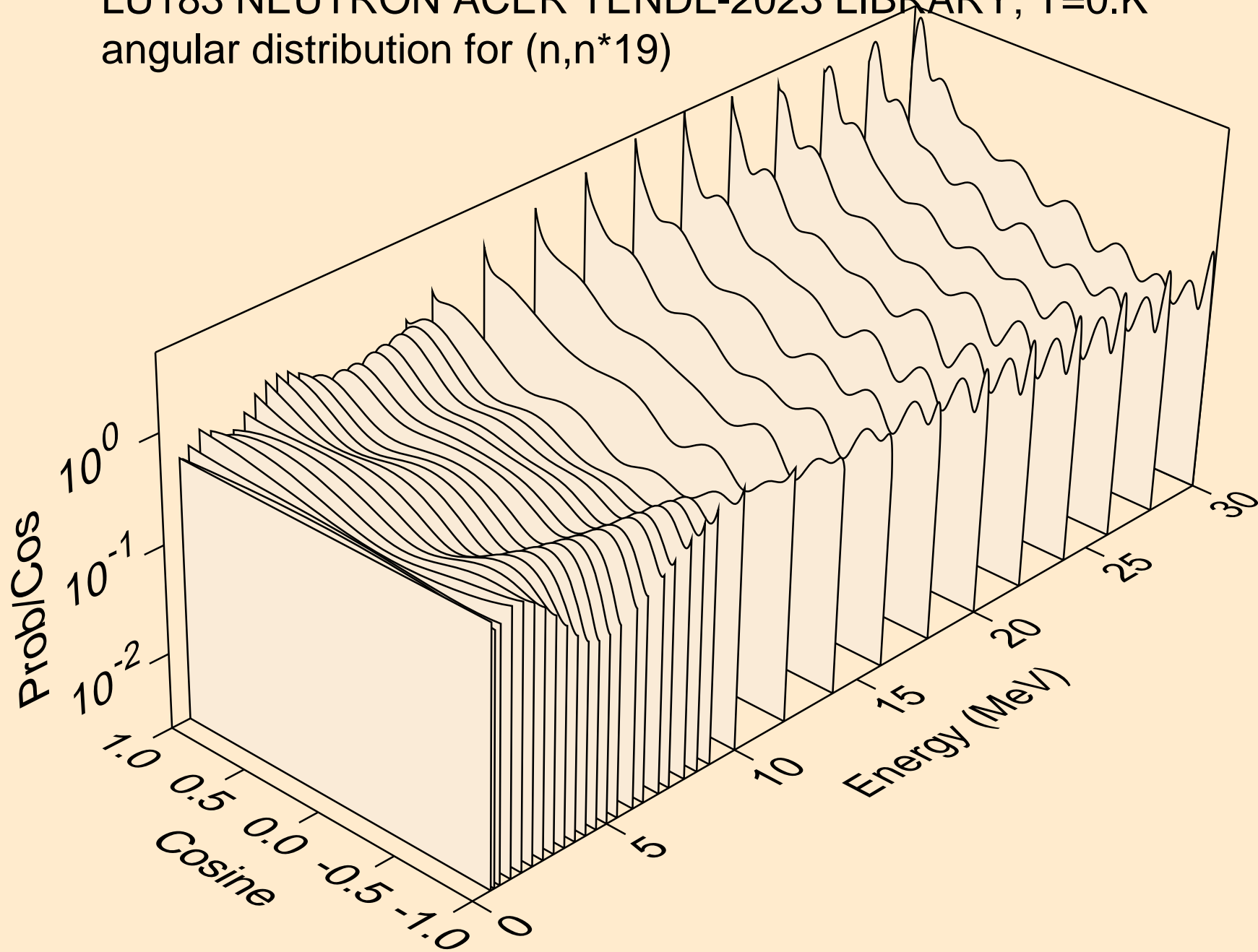




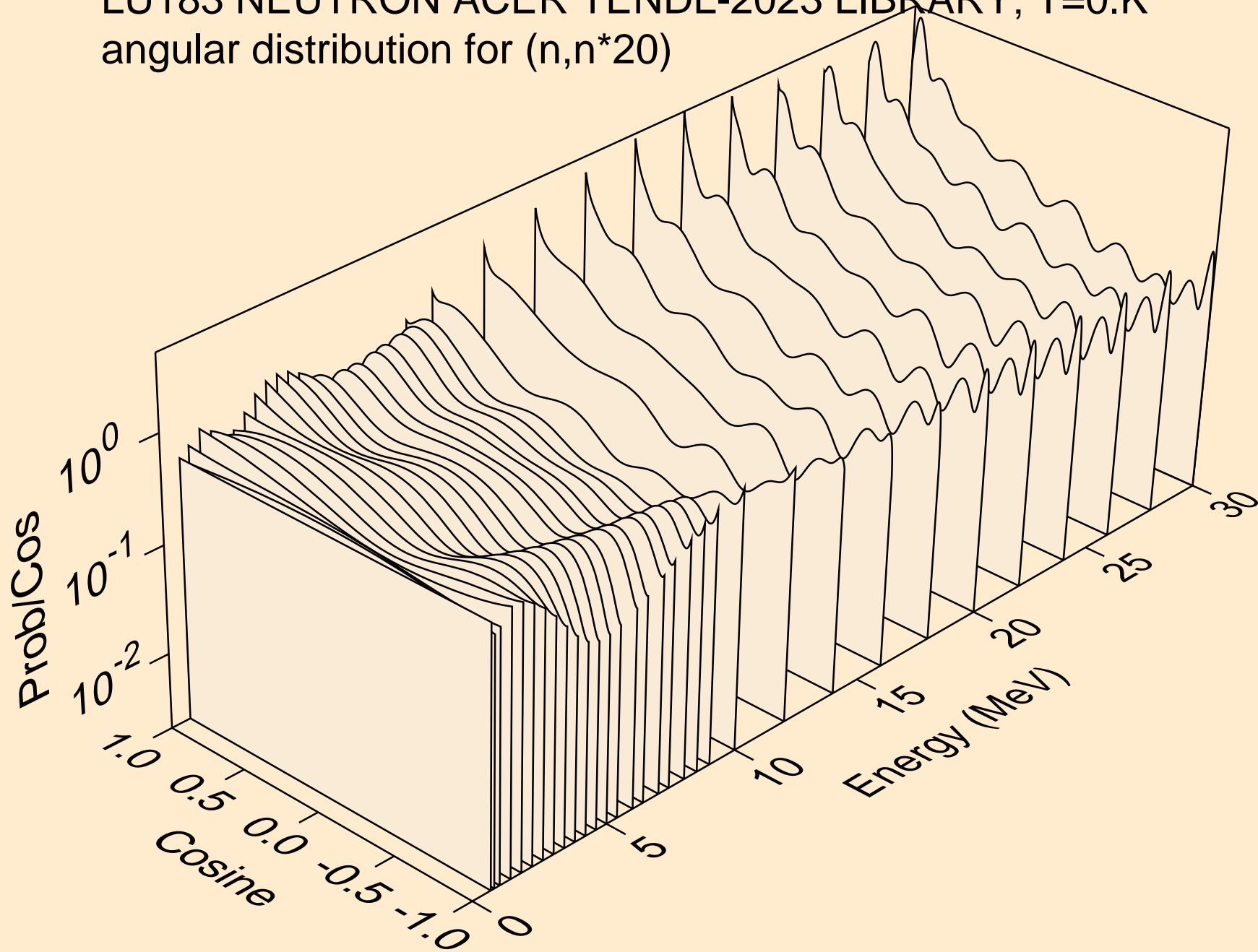
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angular distribution for (n,n\*18)



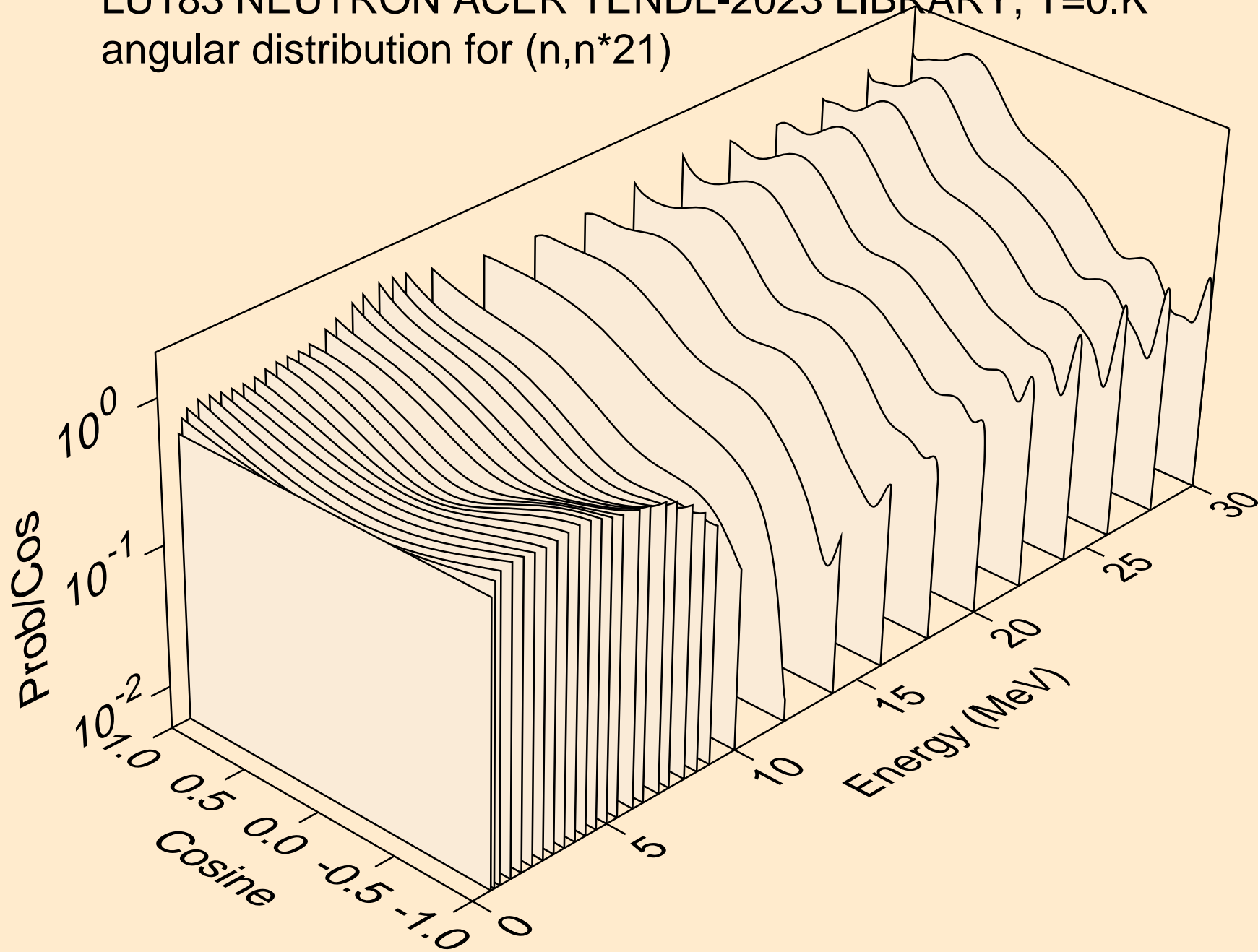
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angular distribution for (n,n\*19)



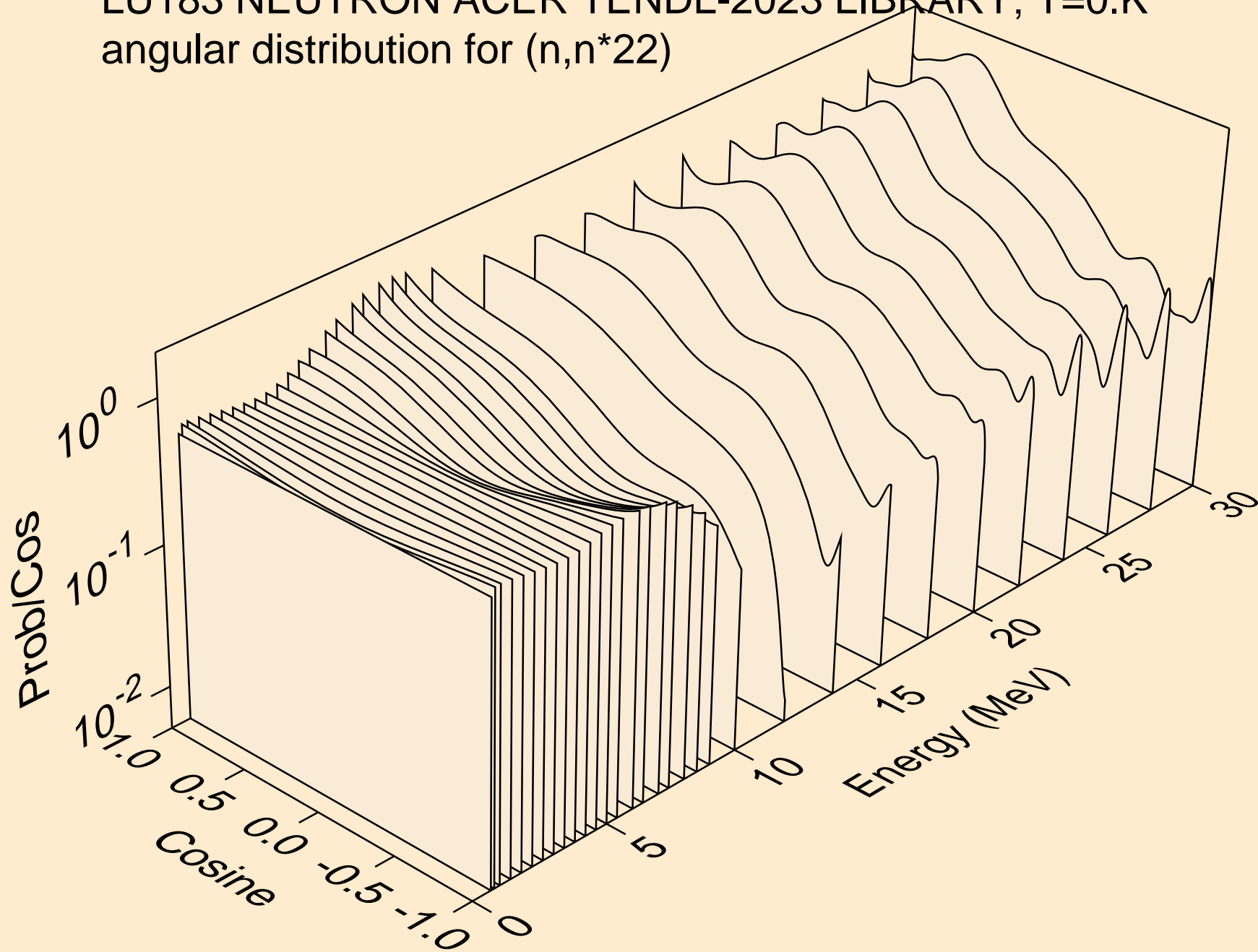
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angular distribution for (n,n\*20)



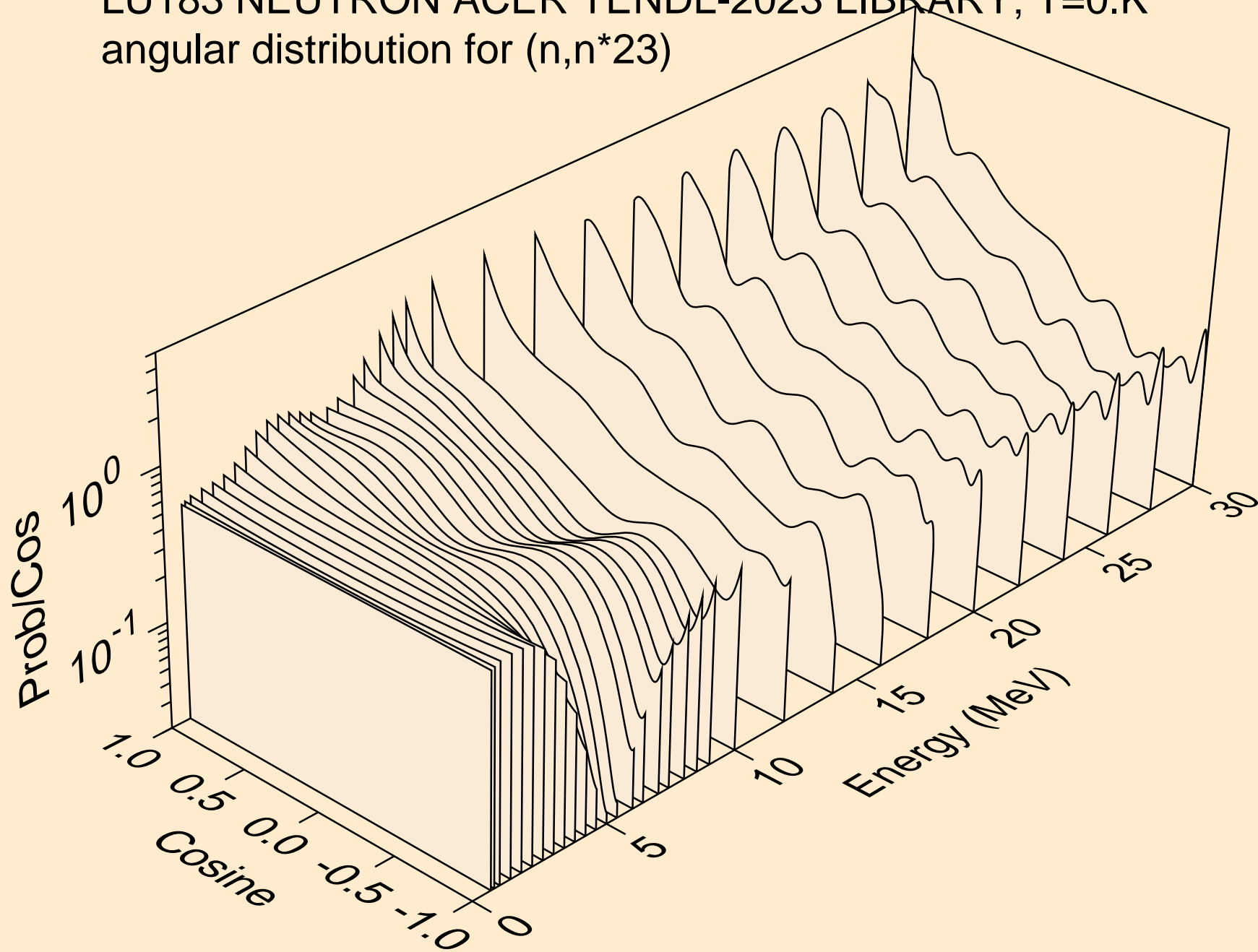
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angular distribution for (n,n\*21)



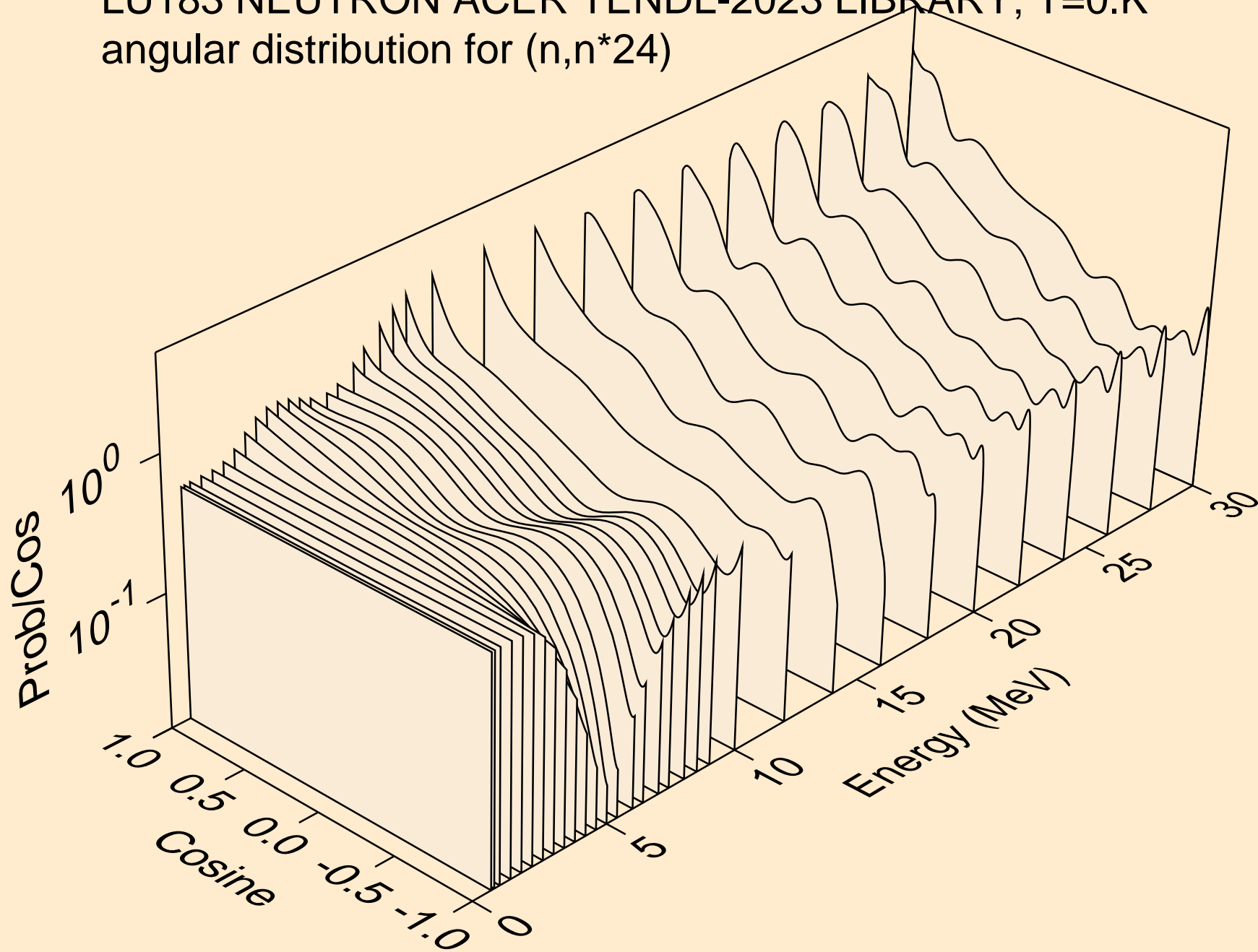
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angular distribution for (n,n\*22)



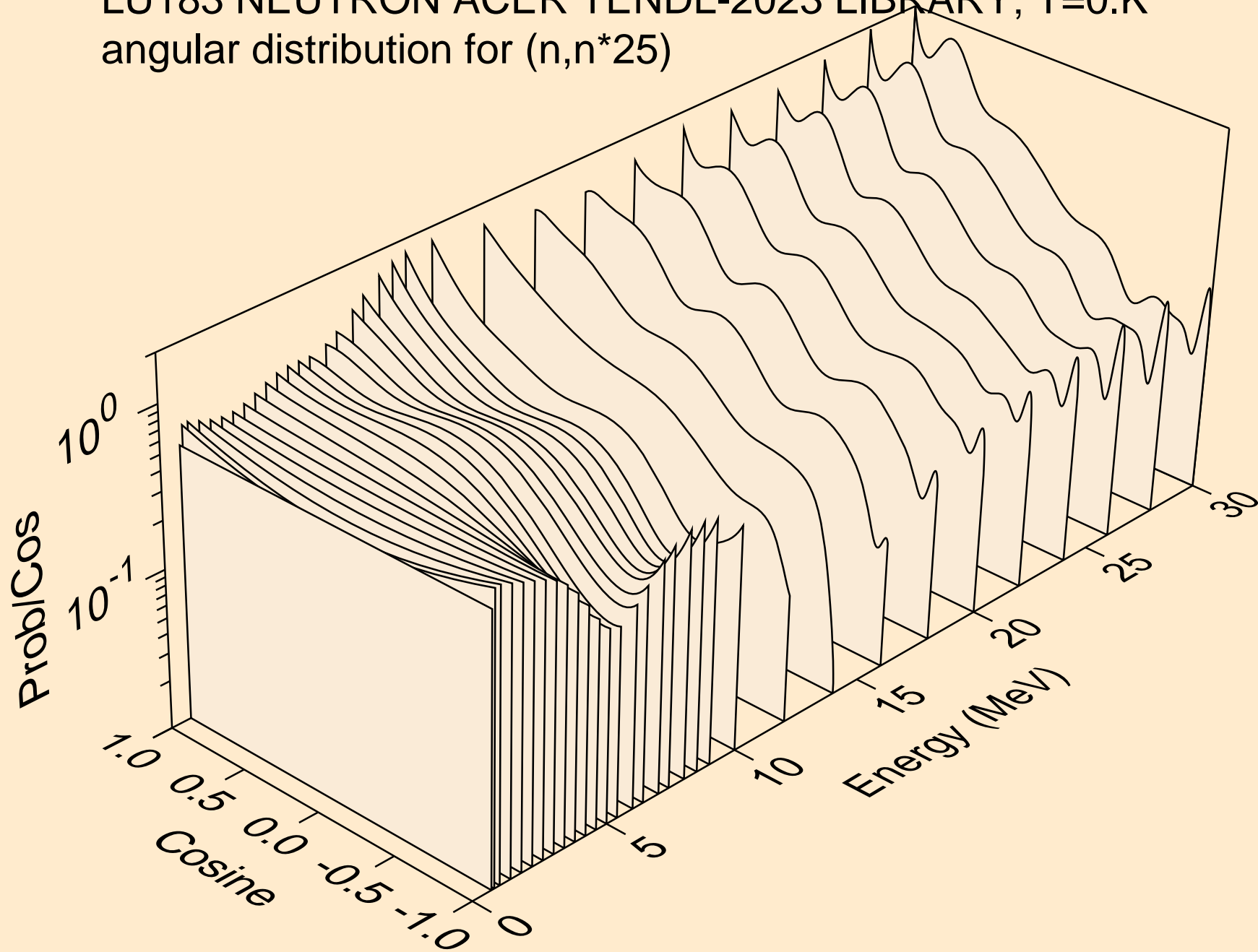
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

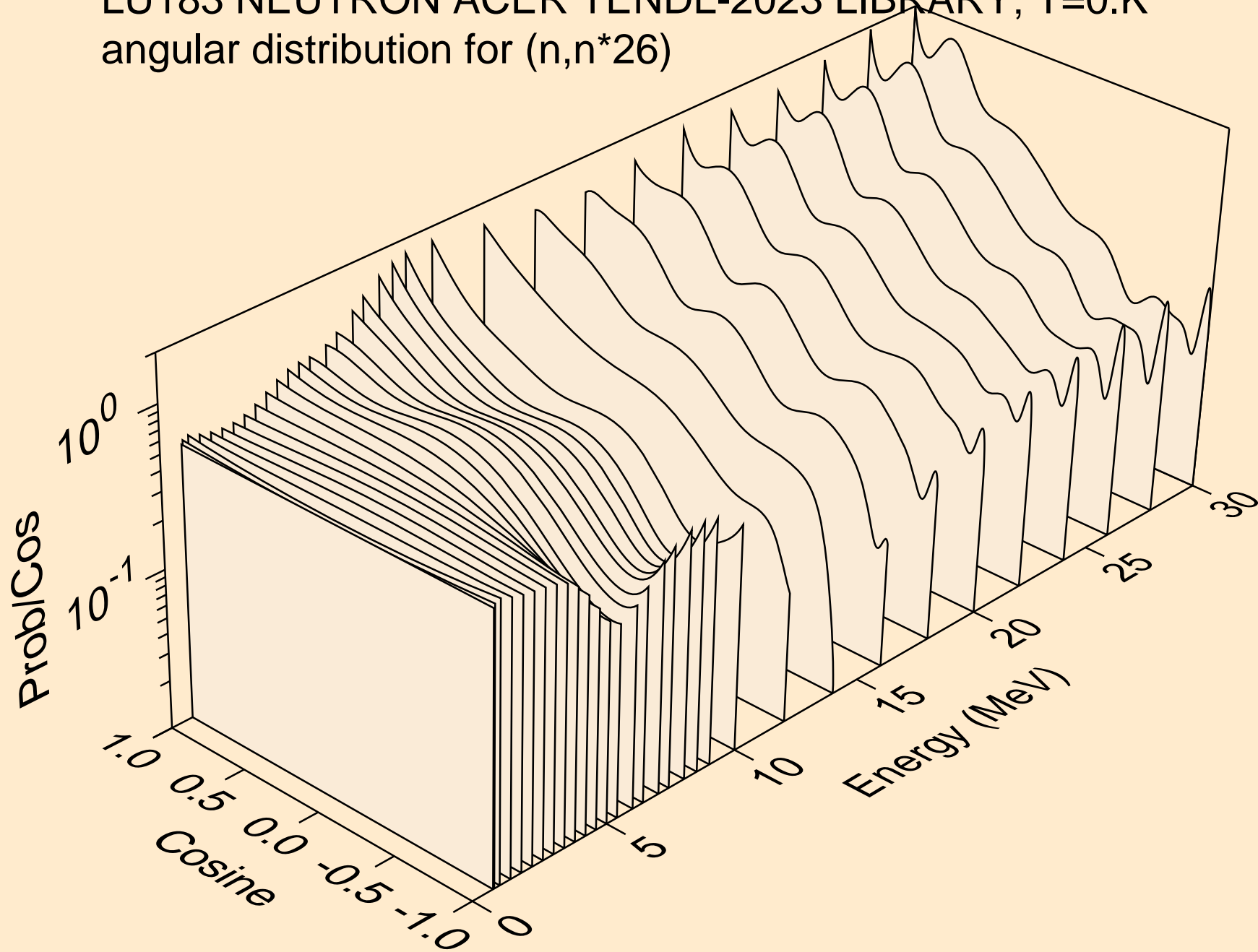


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

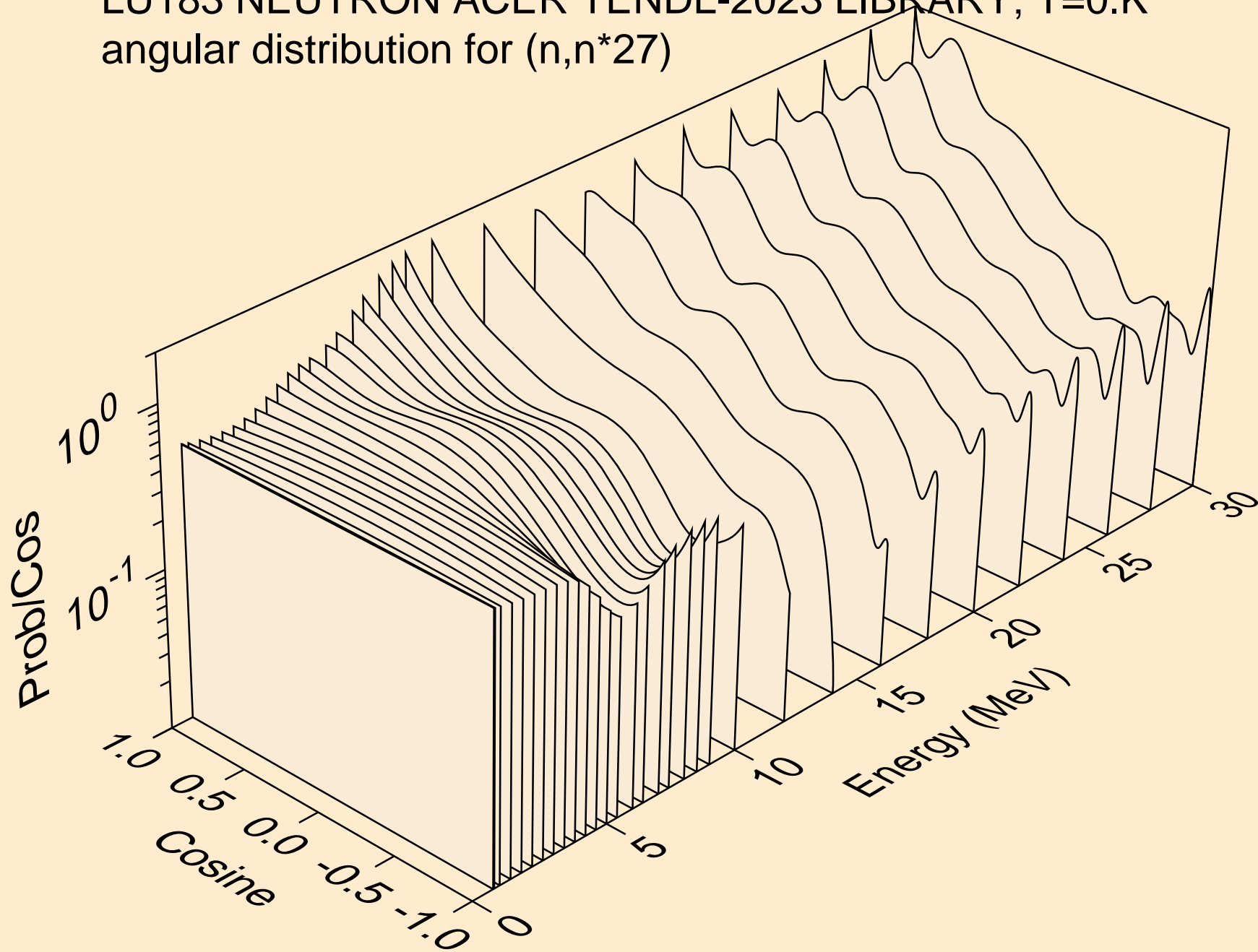




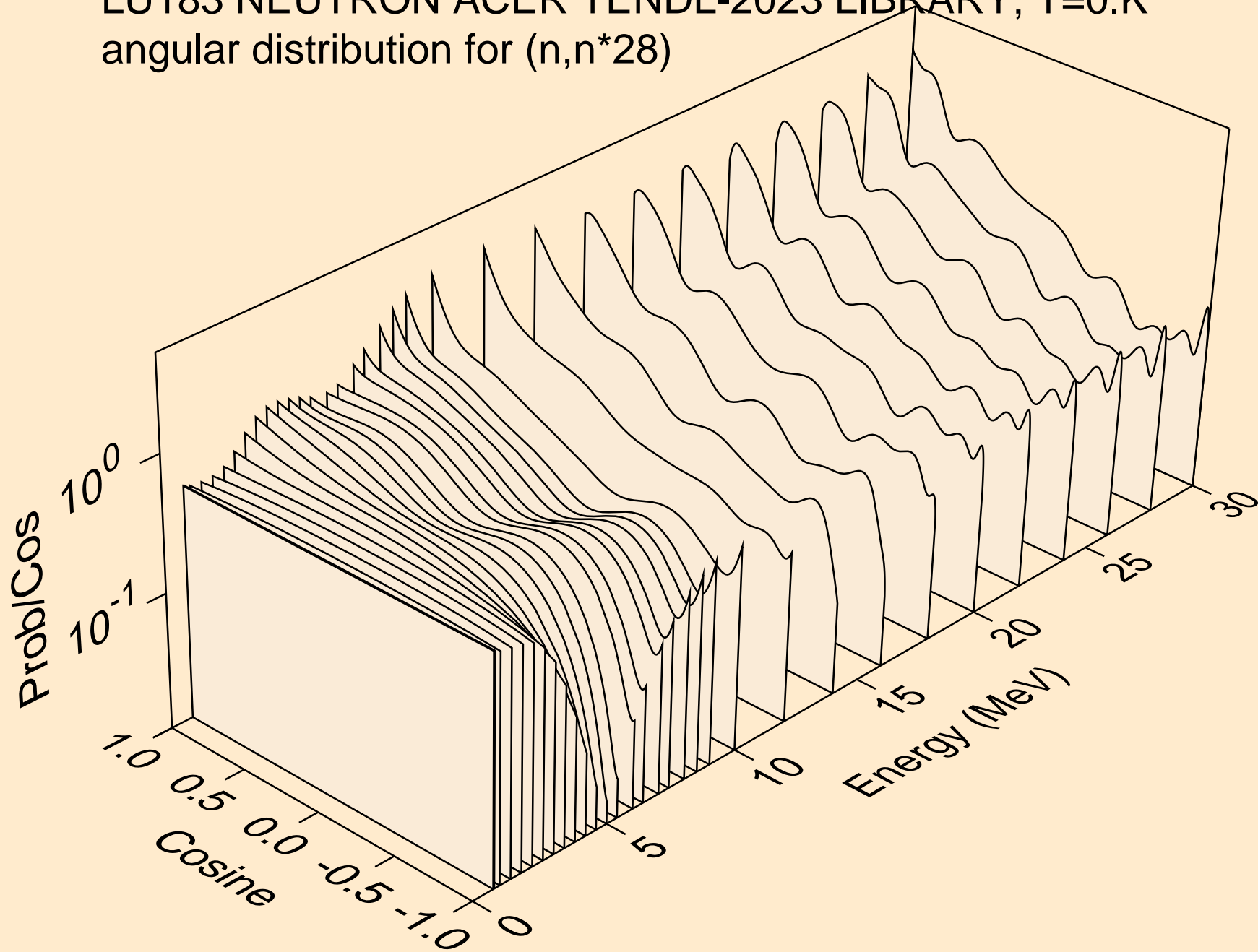
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



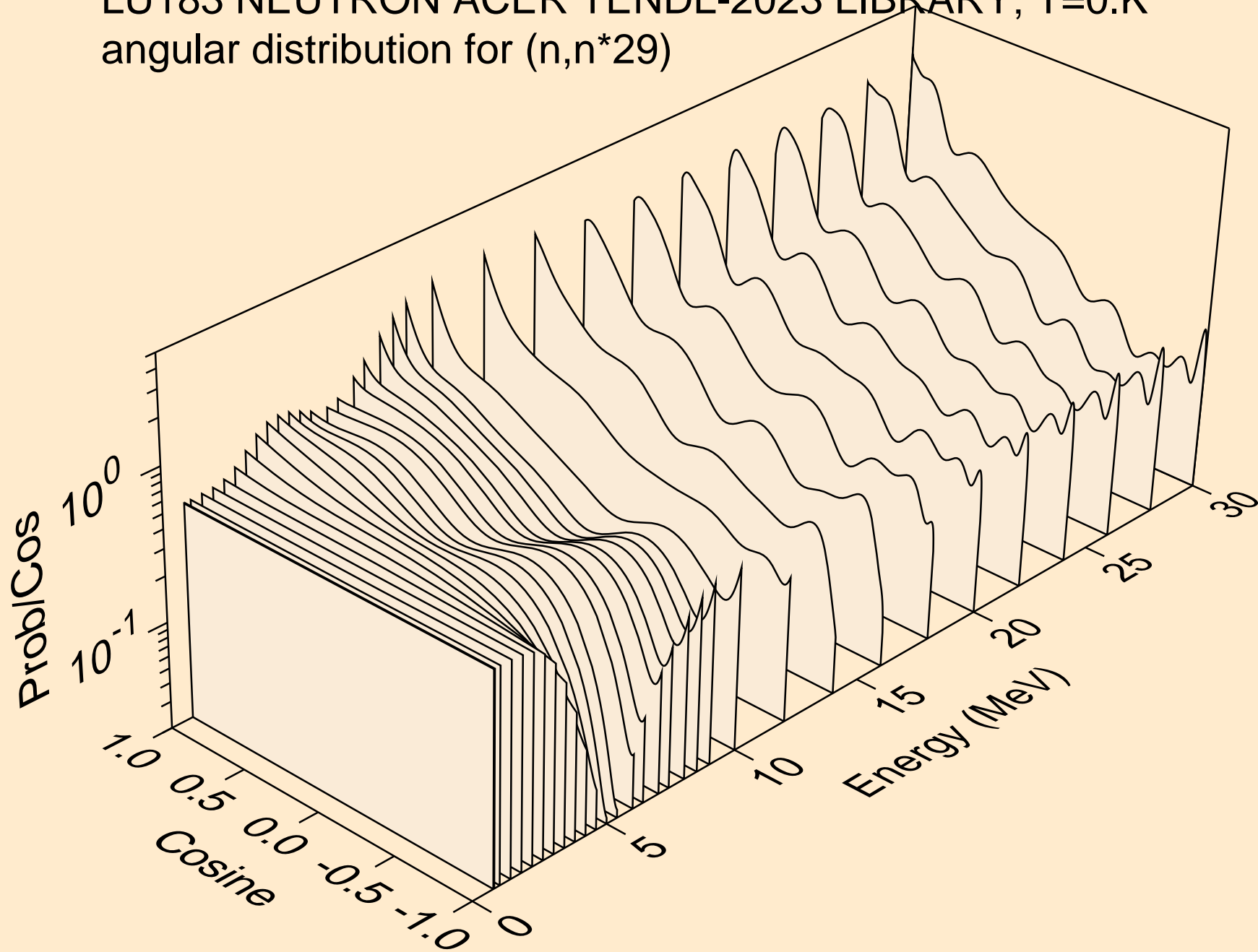
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angular distribution for (n,n\*27)



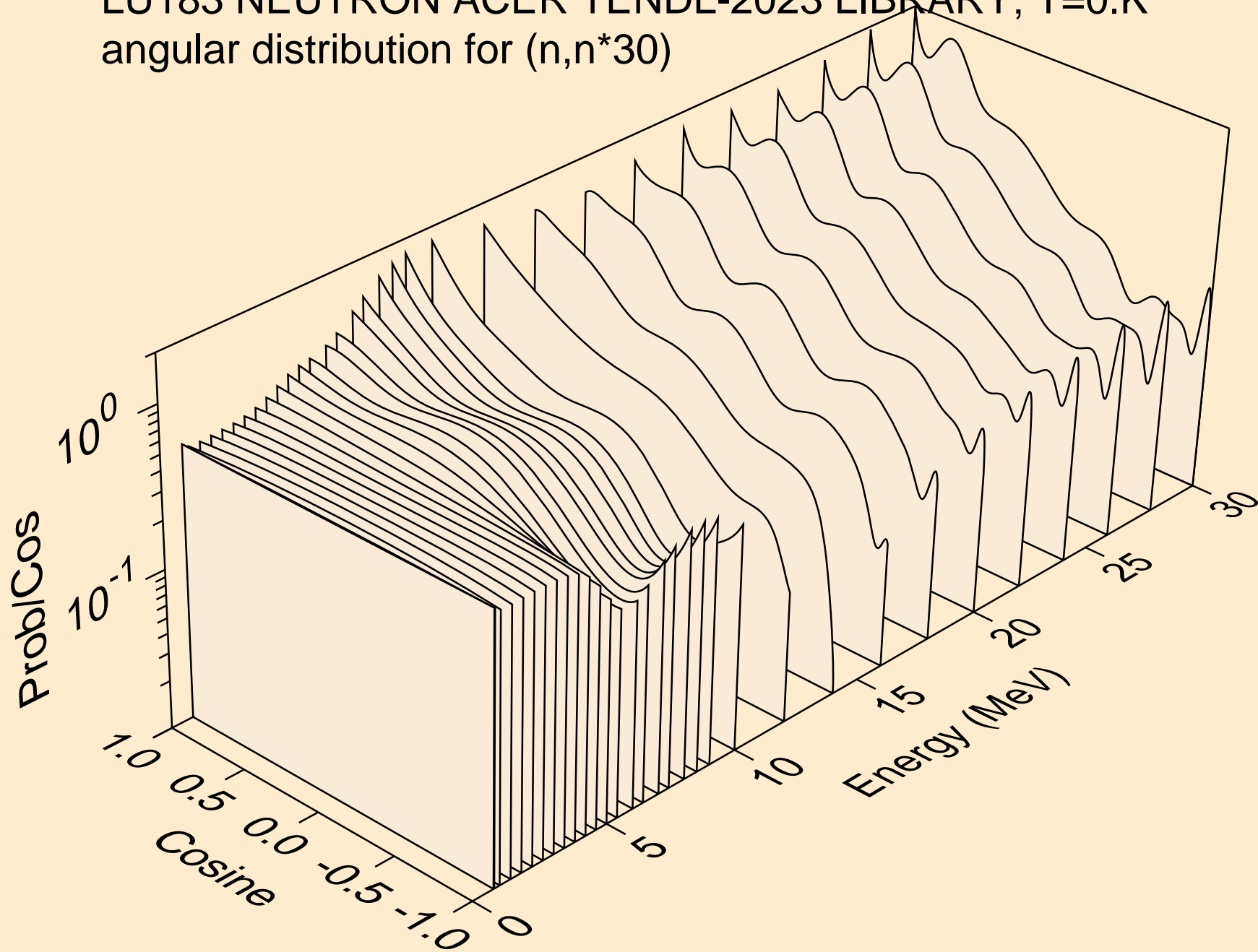
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



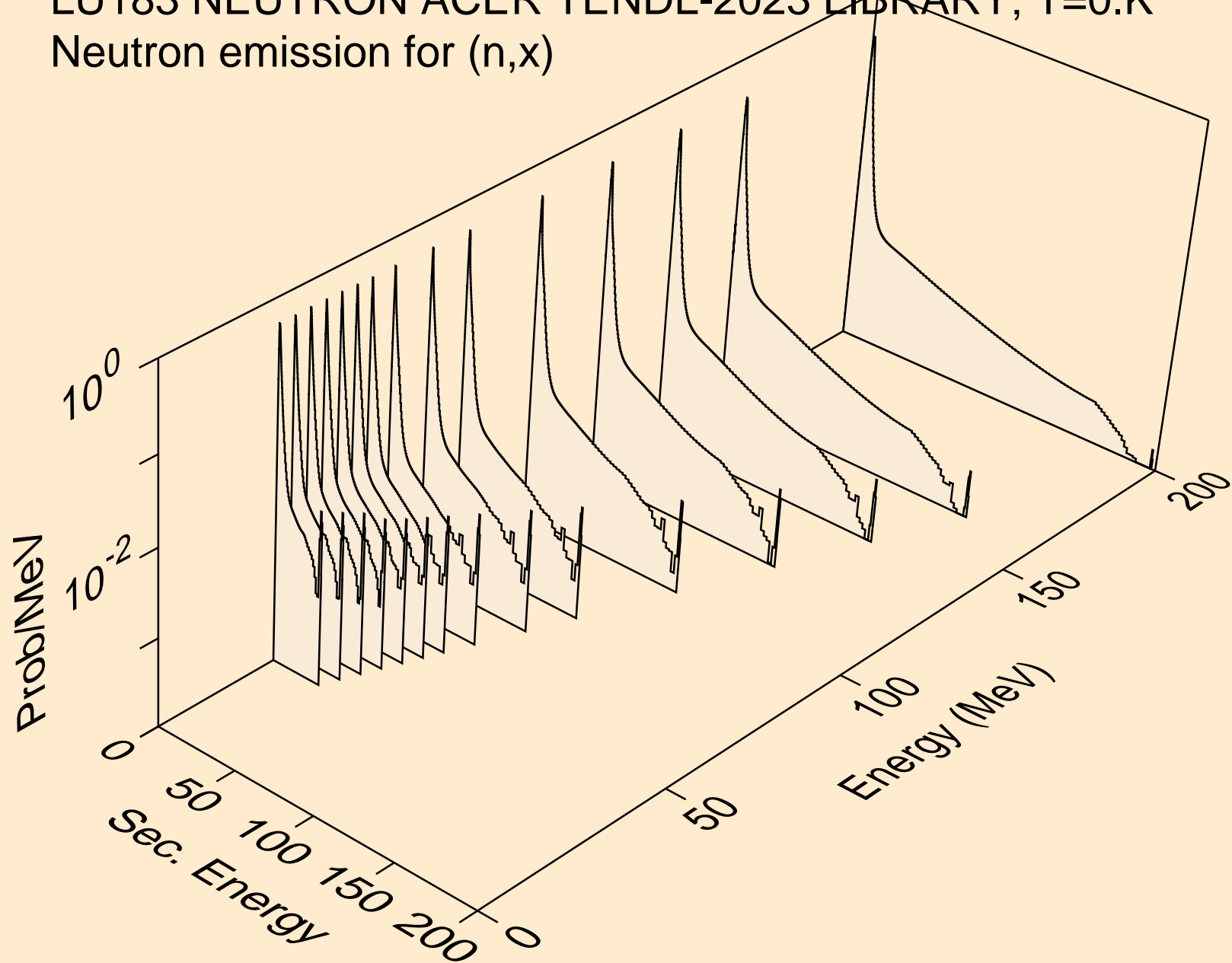
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angular distribution for (n,n\*29)



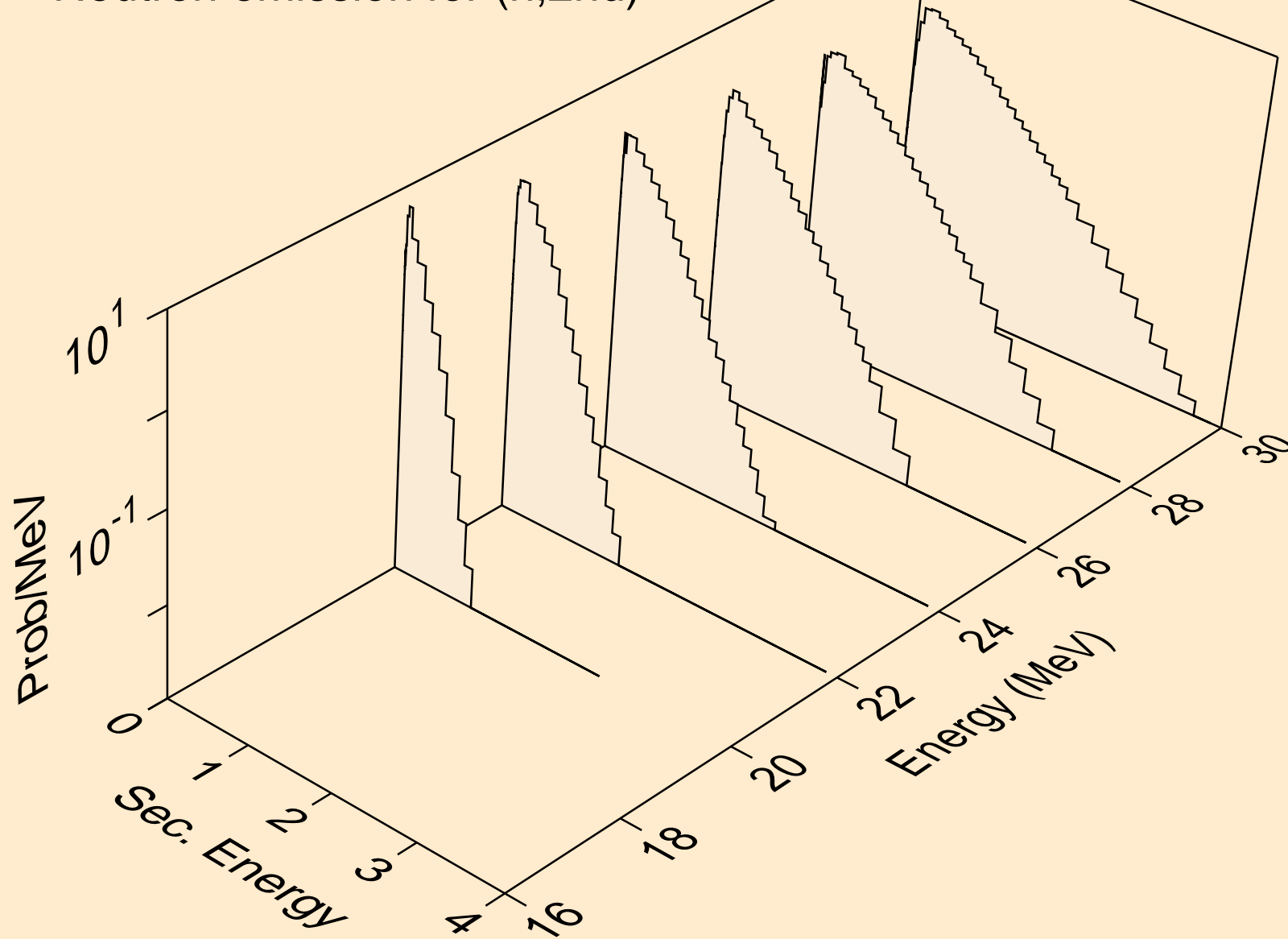
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



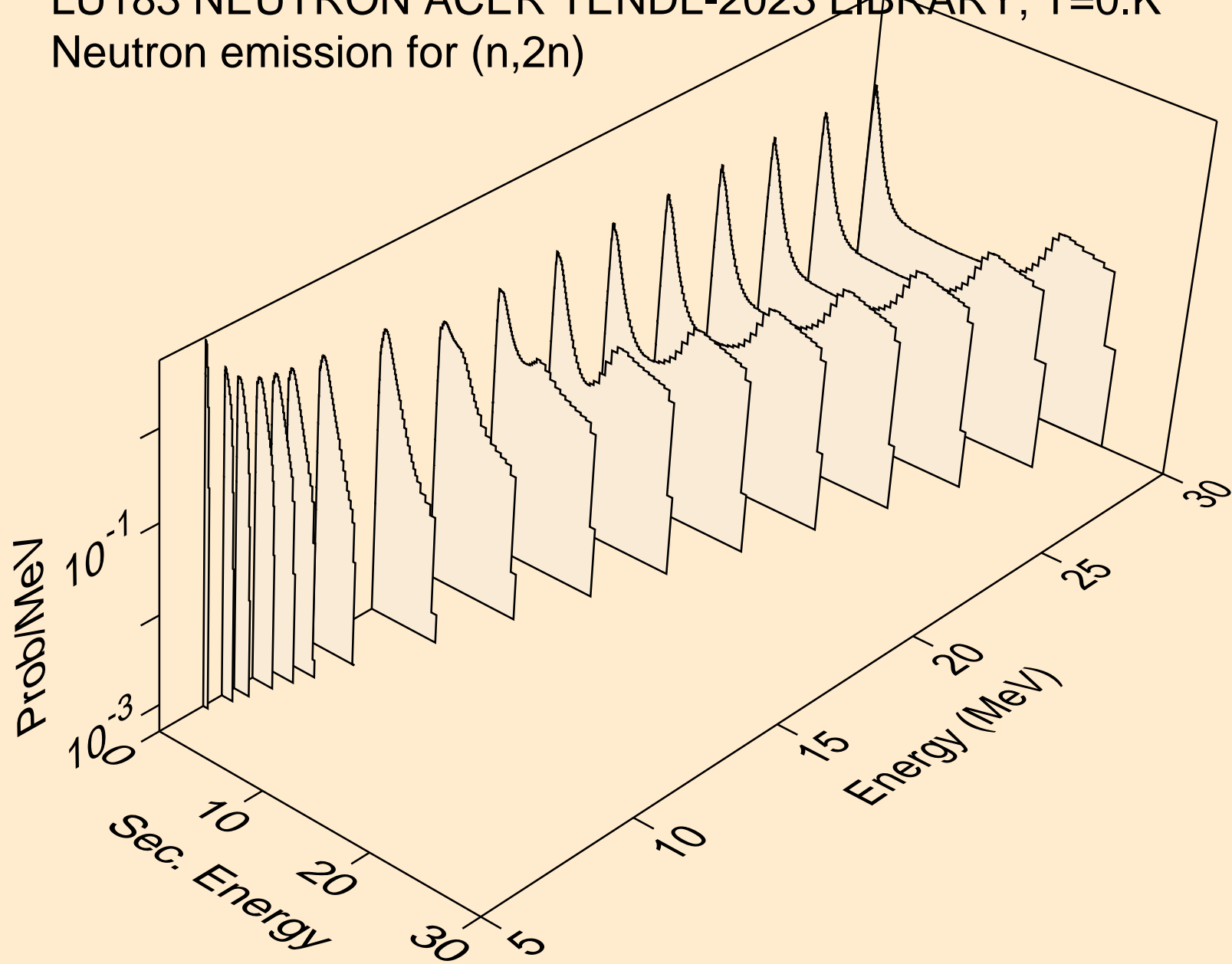
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

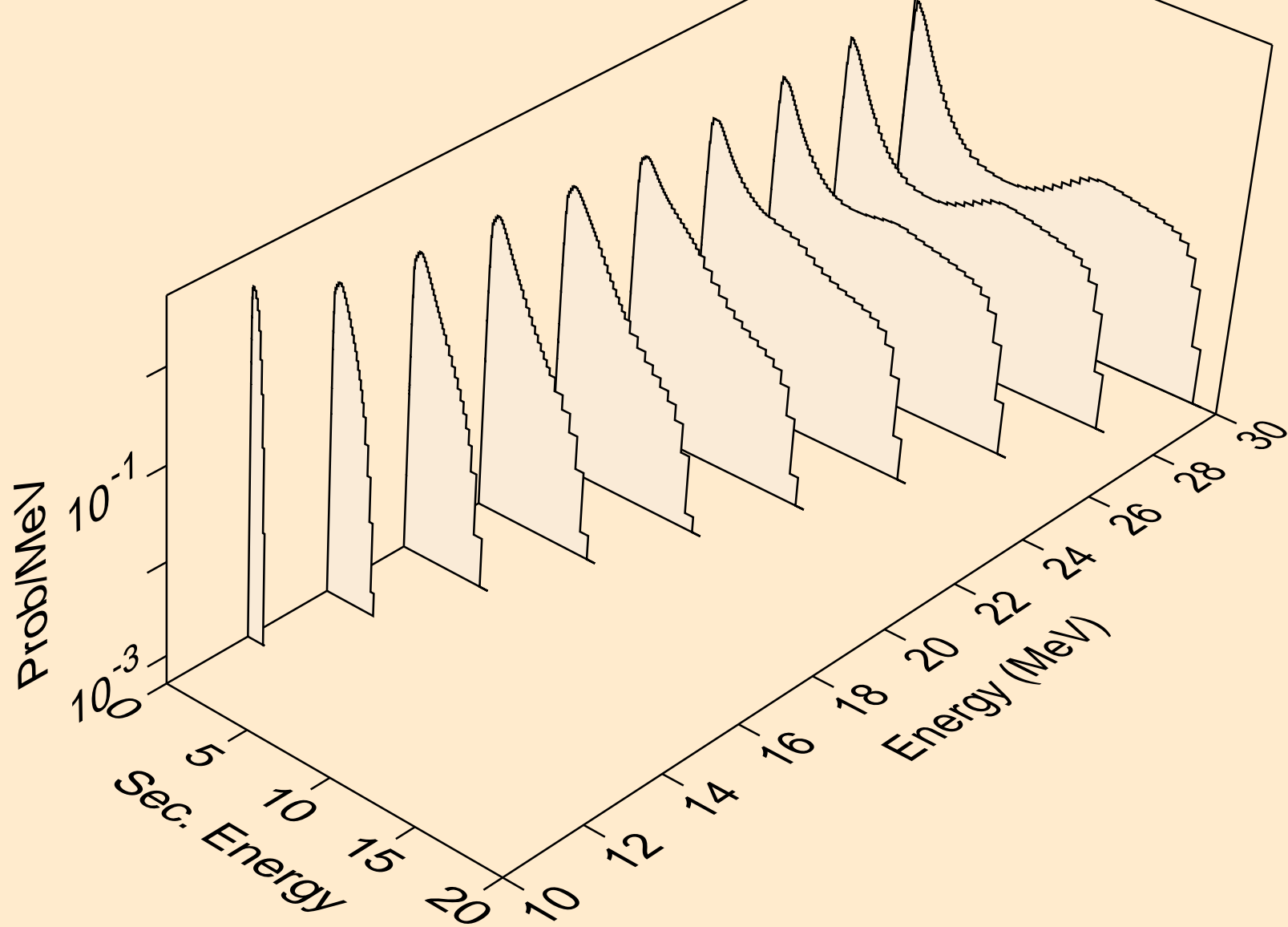


LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

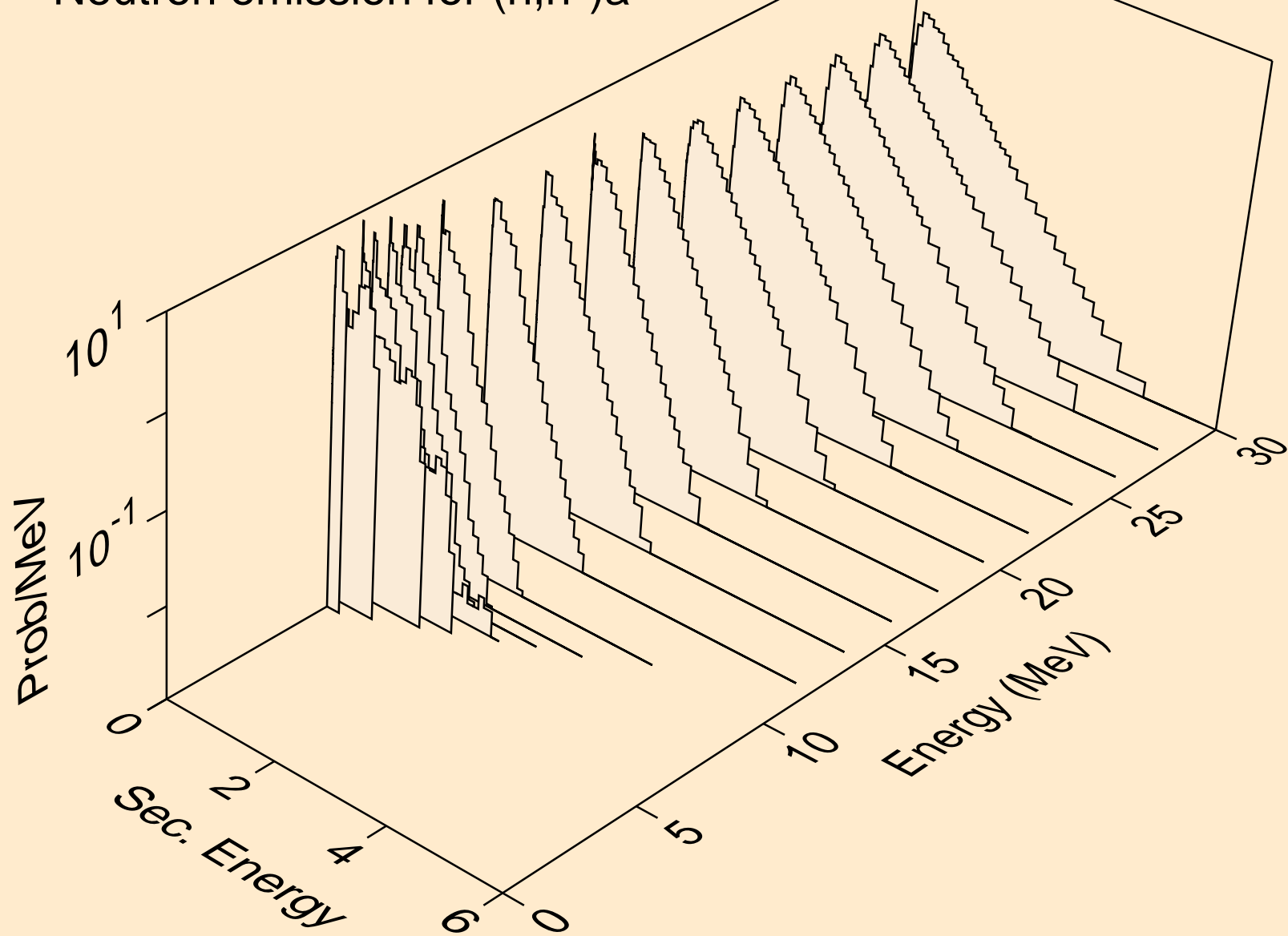




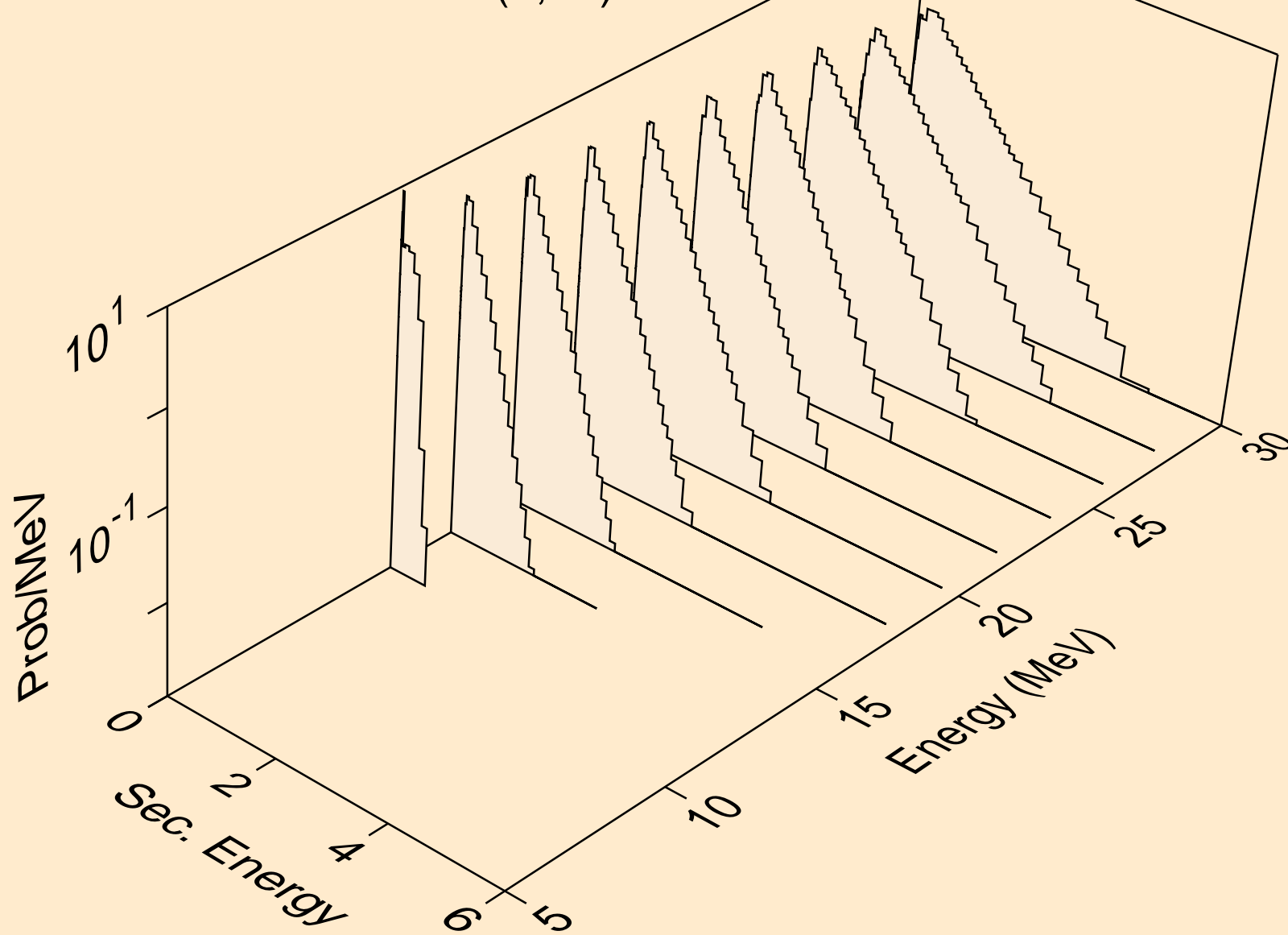
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



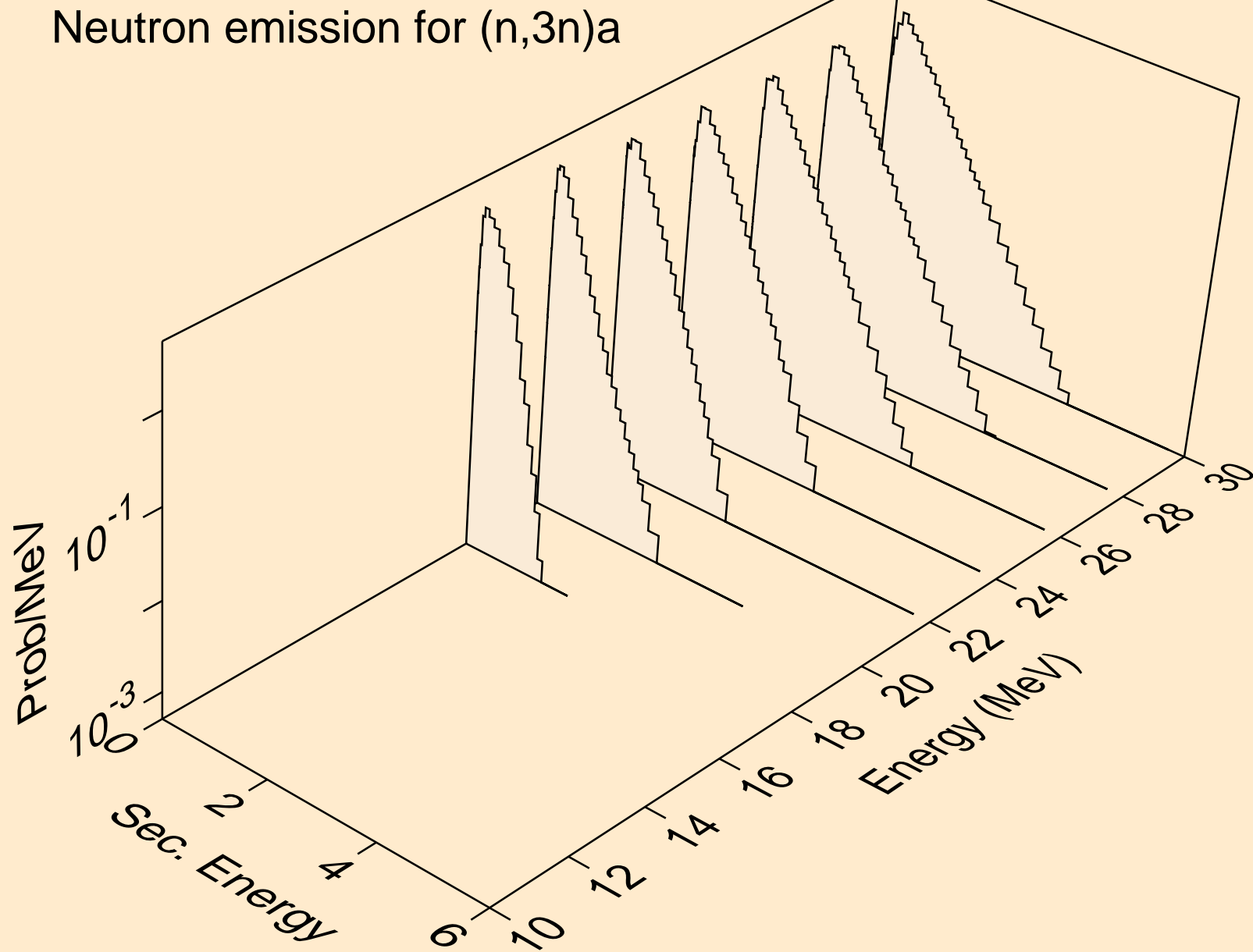
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



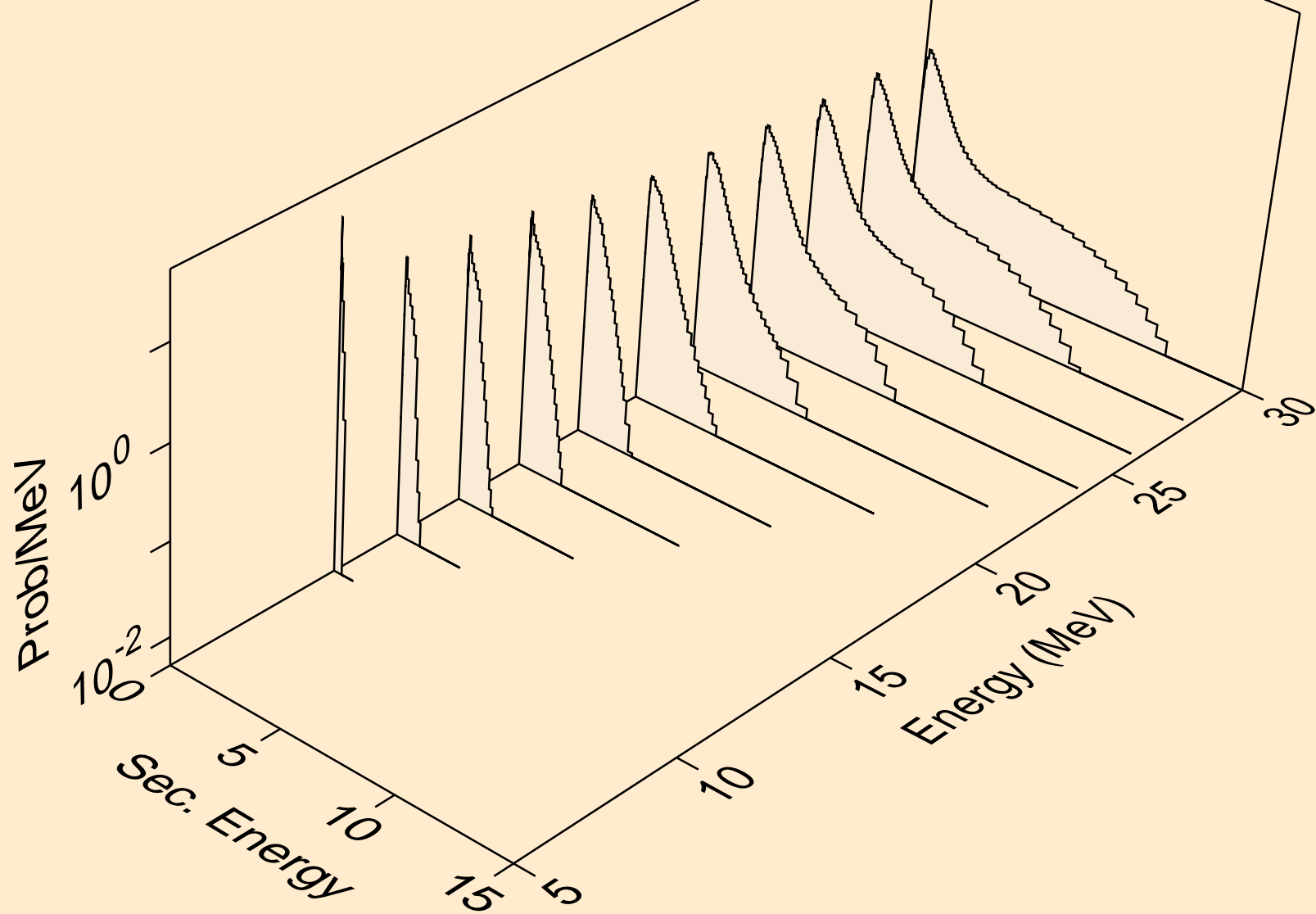
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



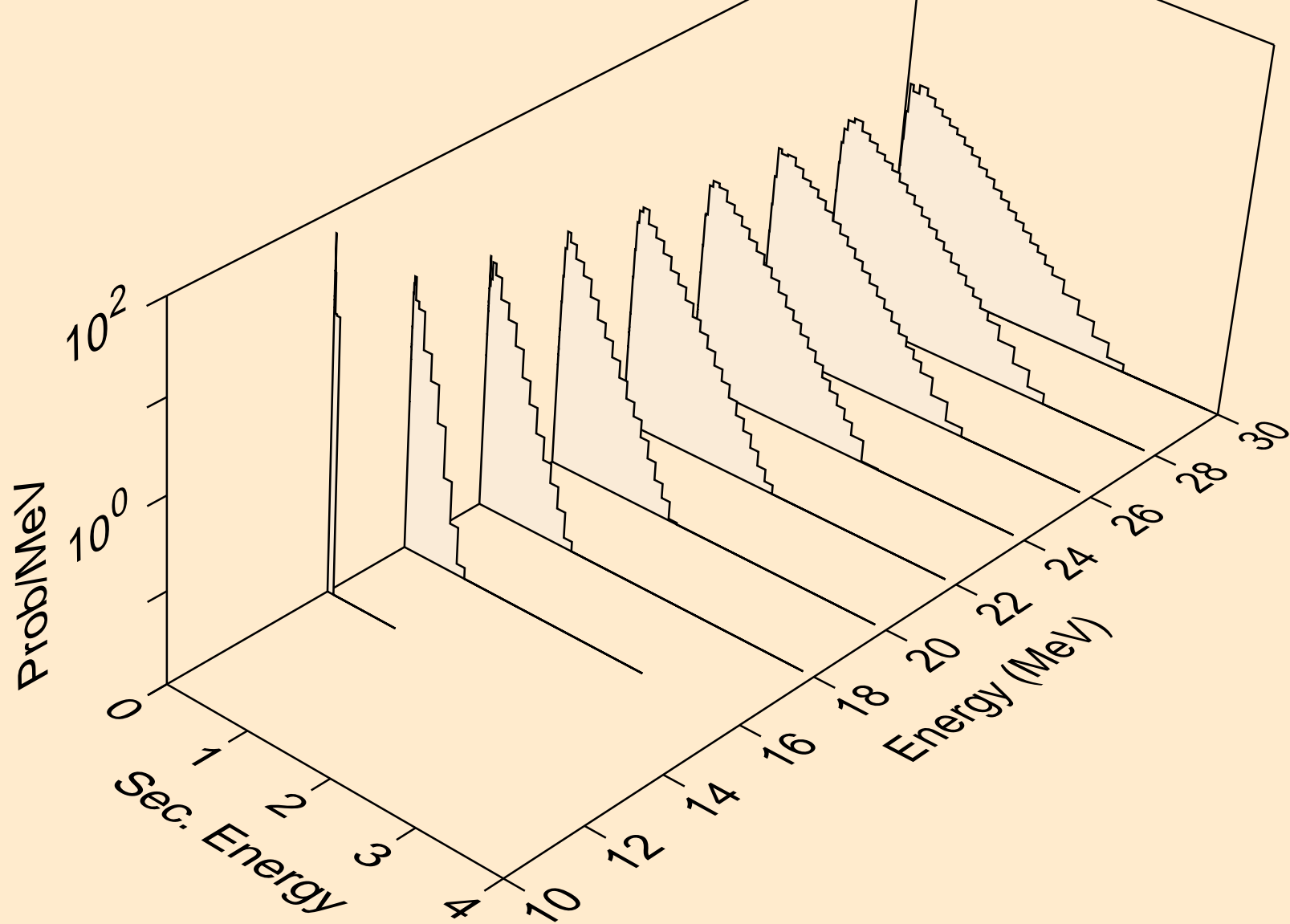
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



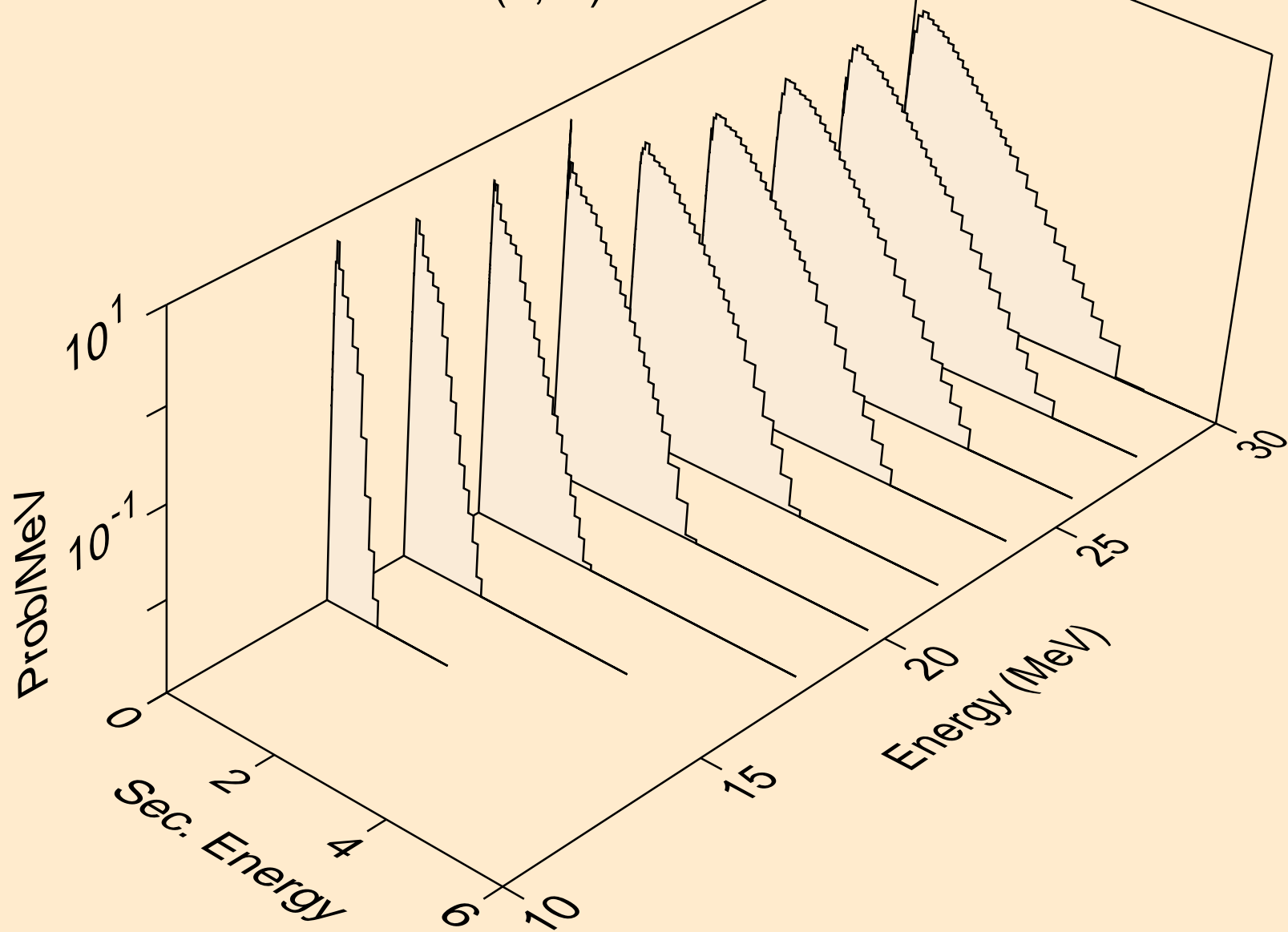
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Neutron emission for (n,n\*)p



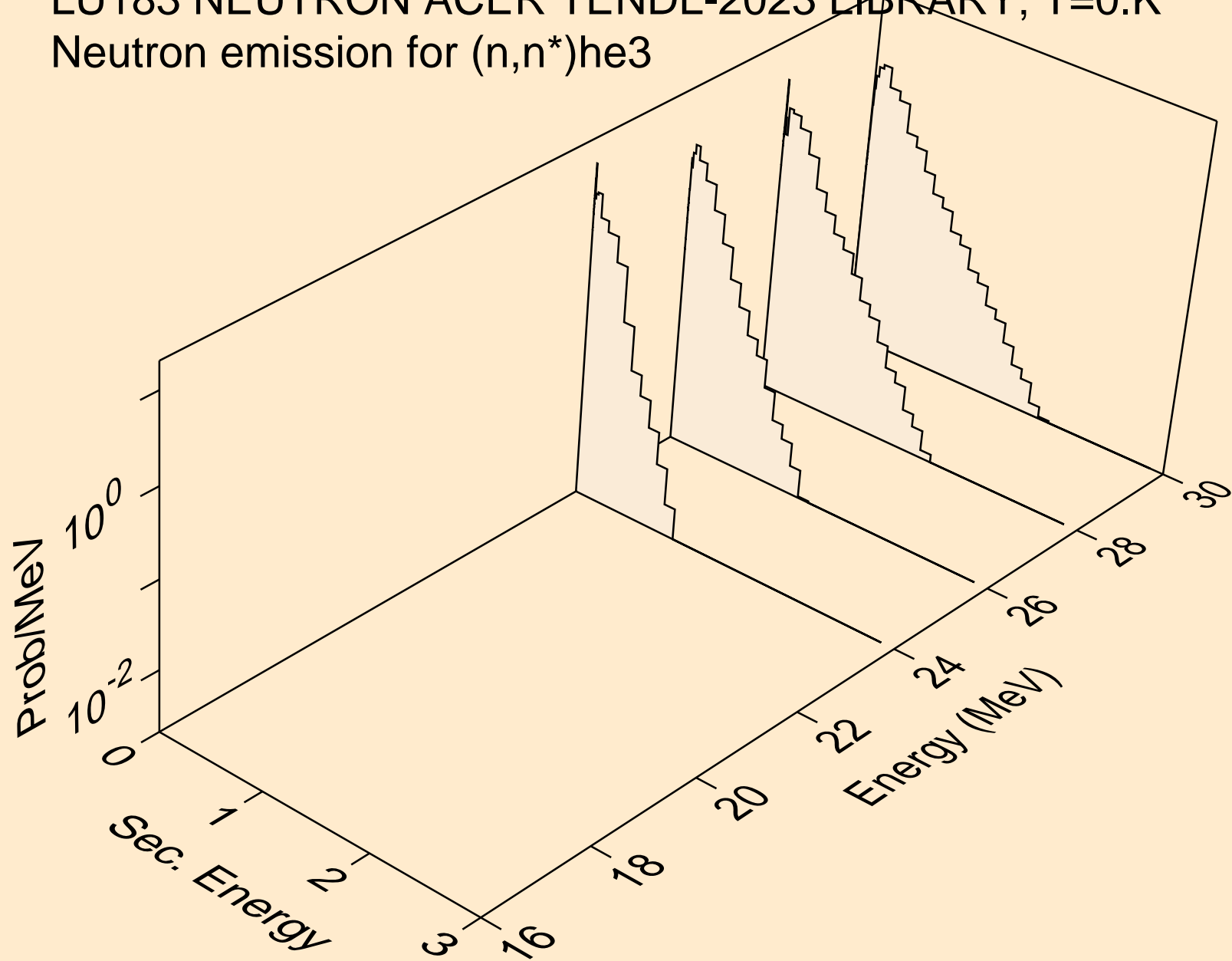
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

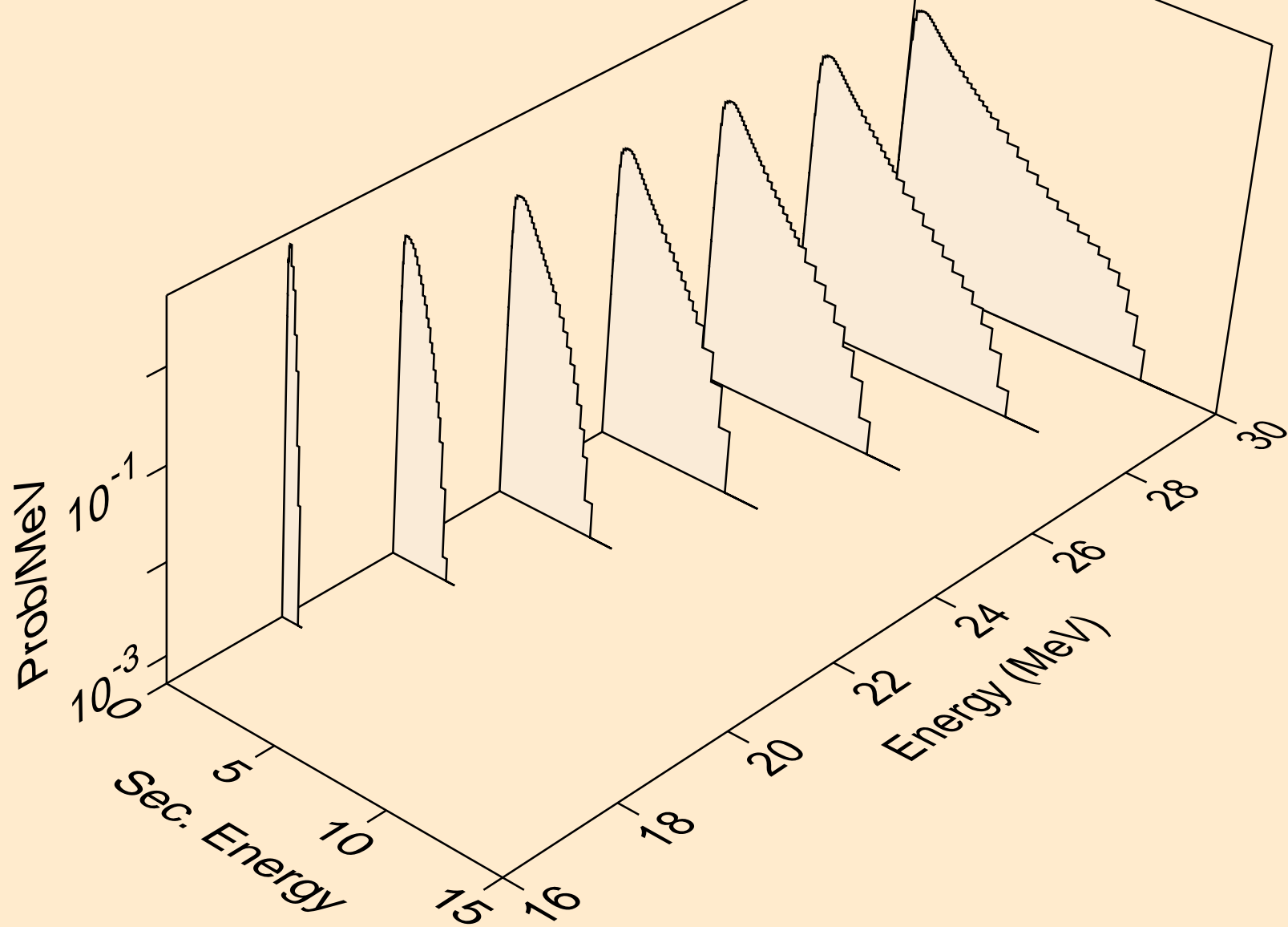


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Neutron emission for (n,n\*)he3

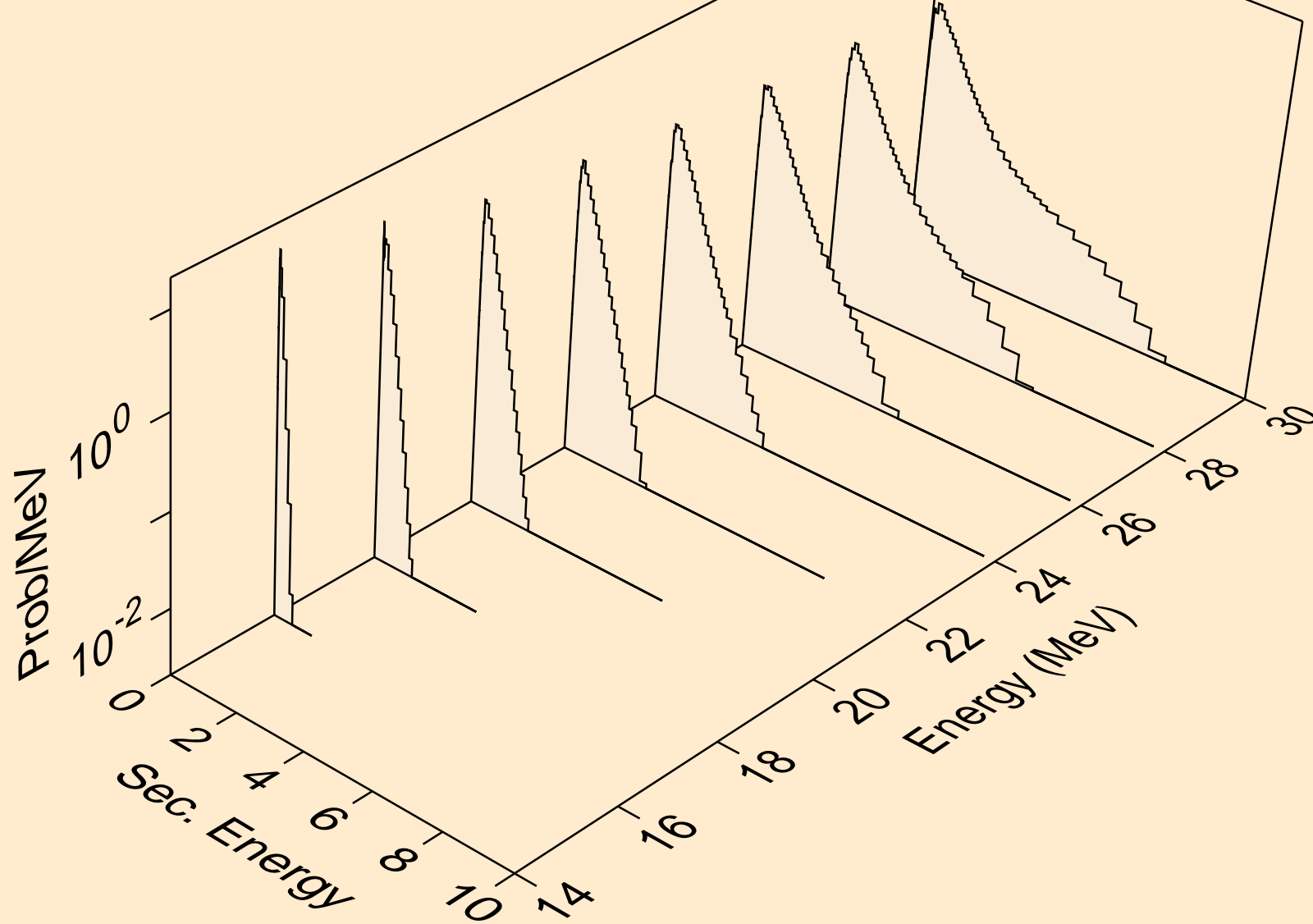




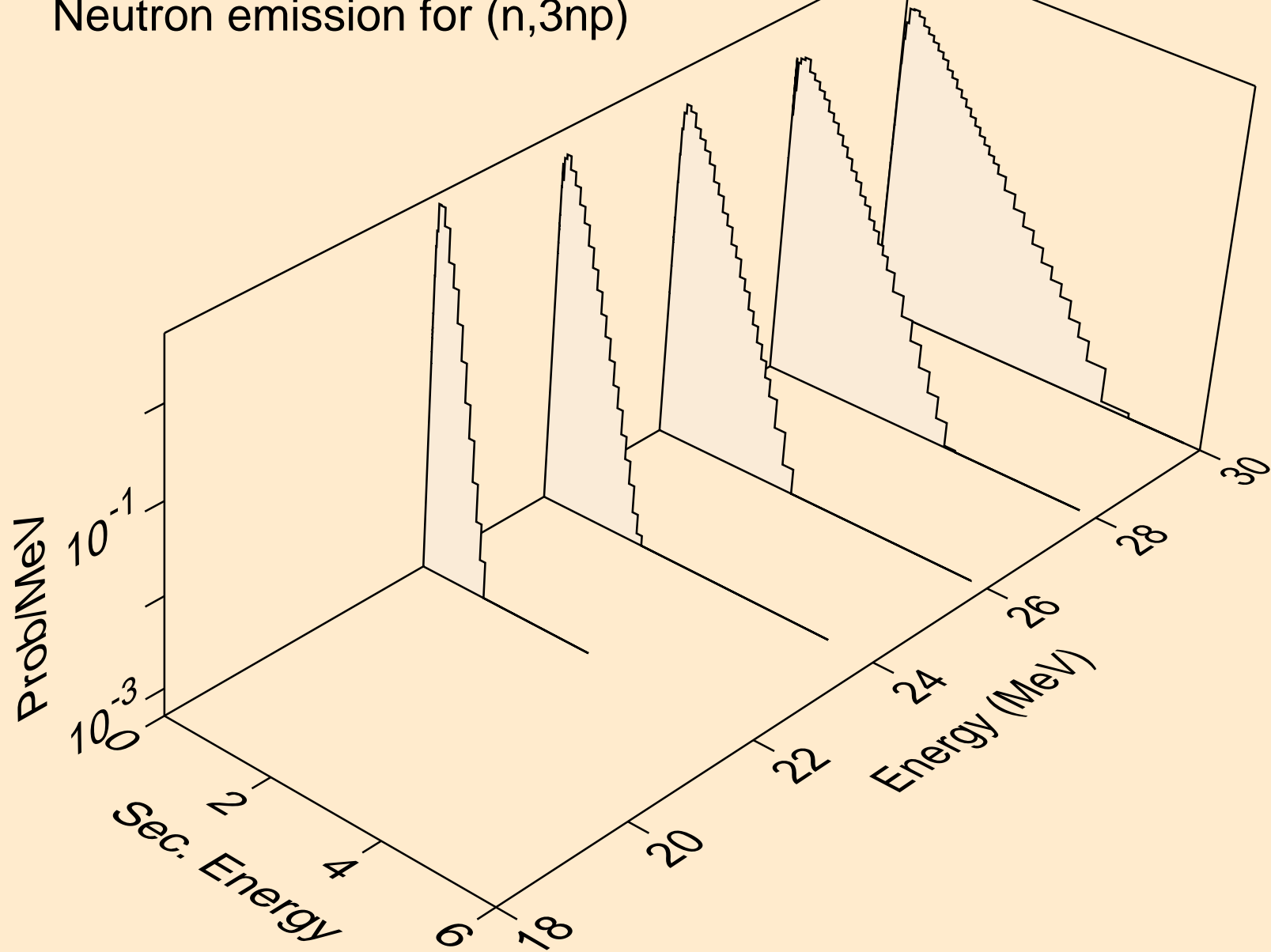
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Neutron emission for (n,4n)



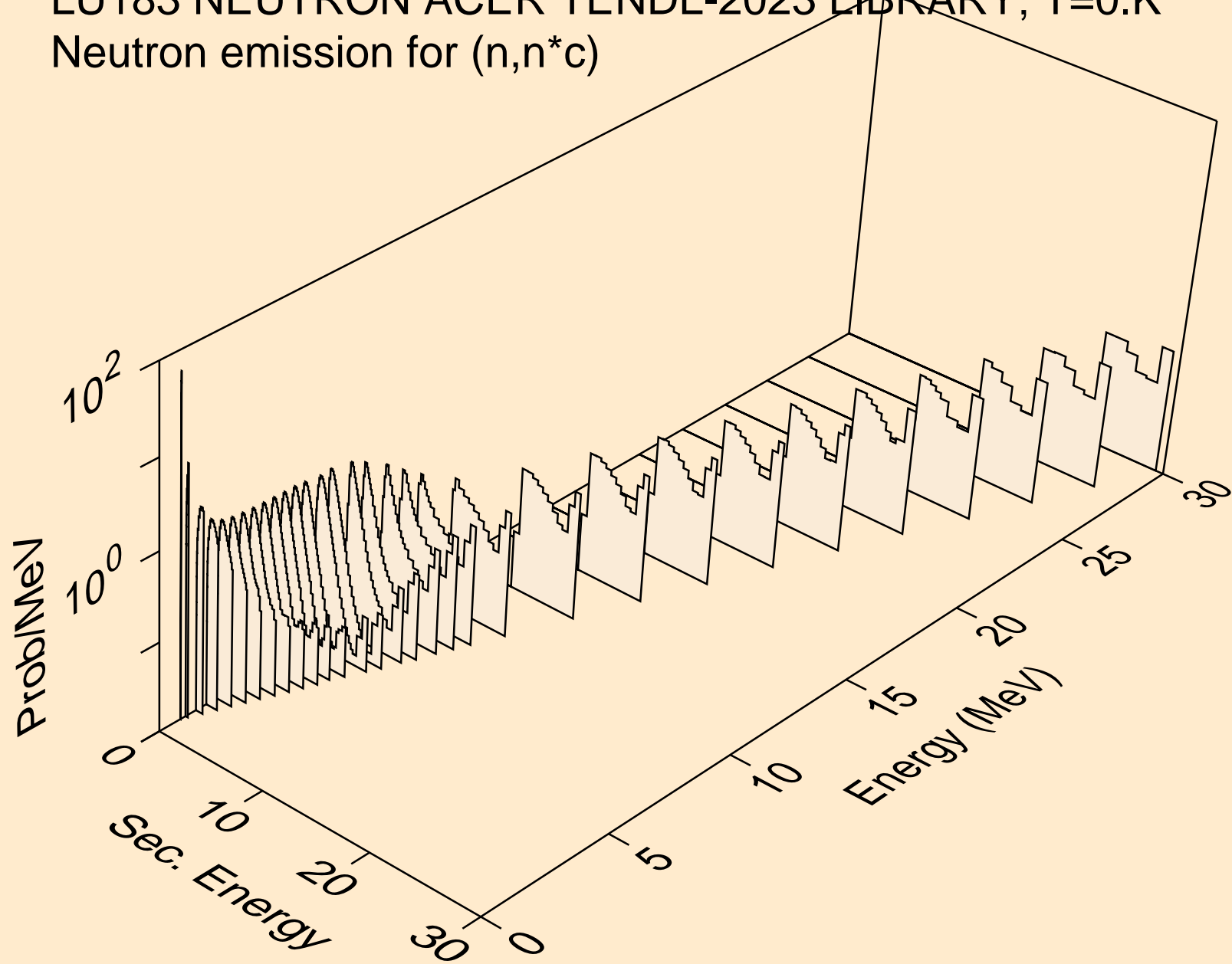
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Neutron emission for (n,2np)



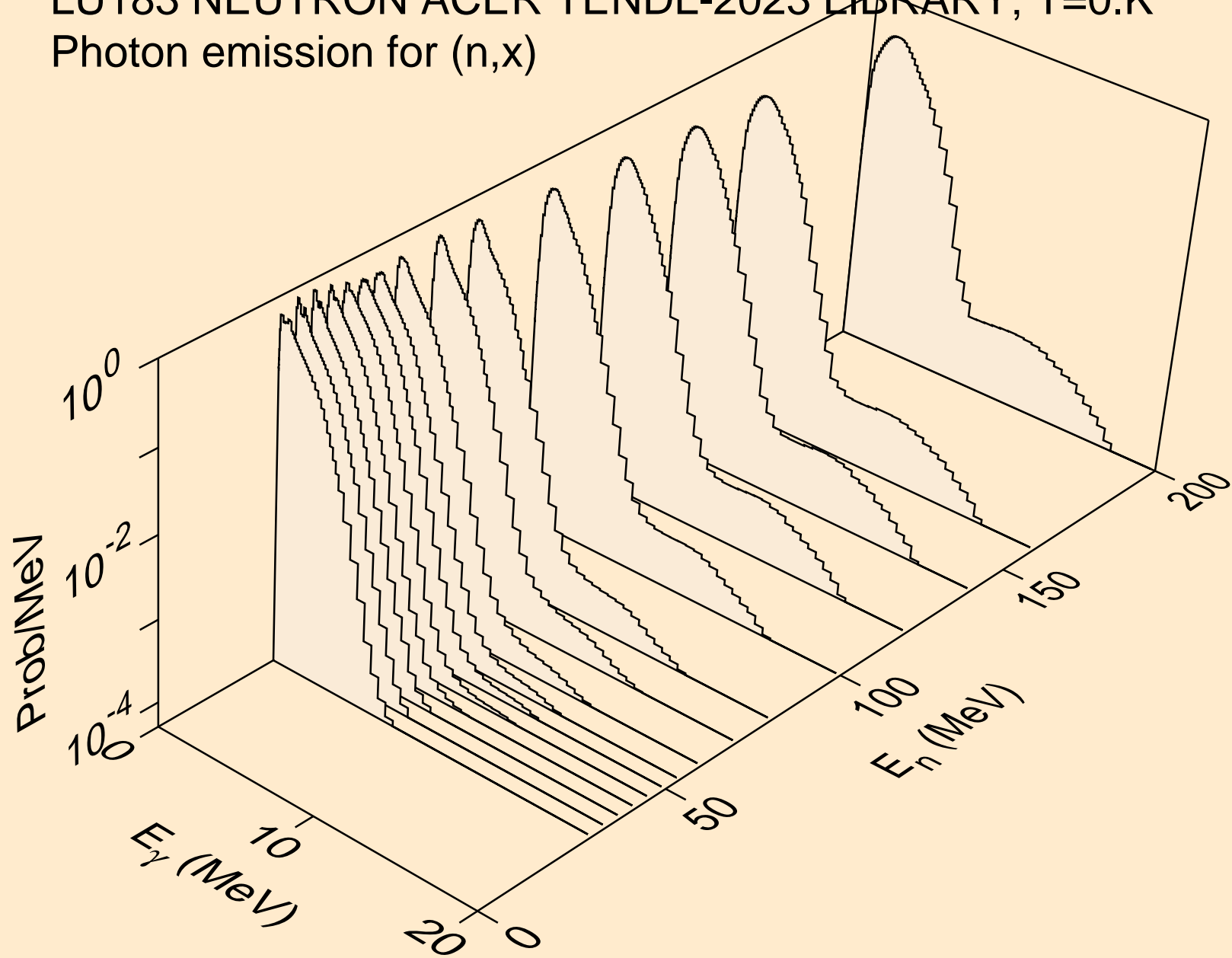
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Neutron emission for (n,3np)



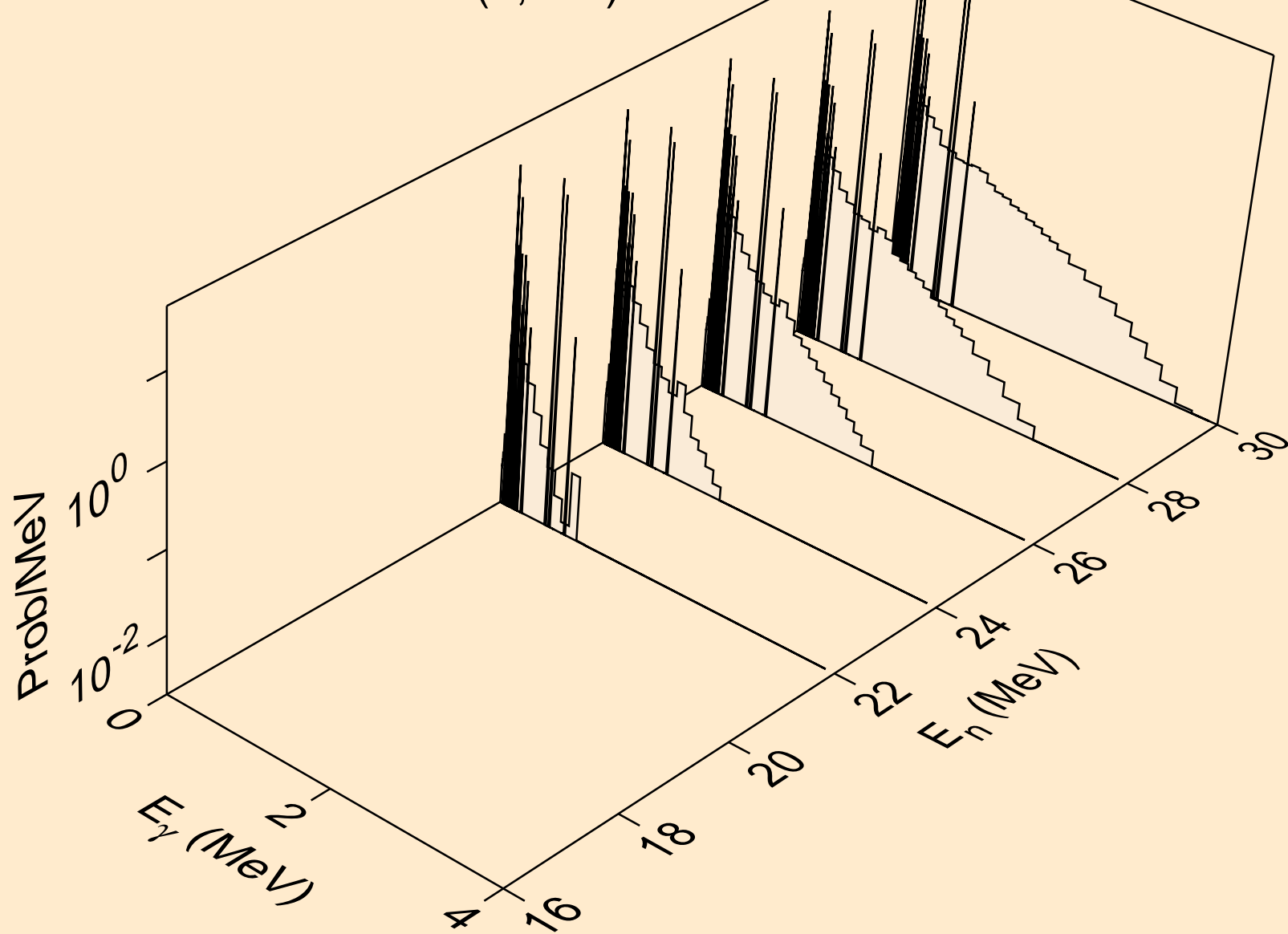
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Neutron emission for (n,n\*c)



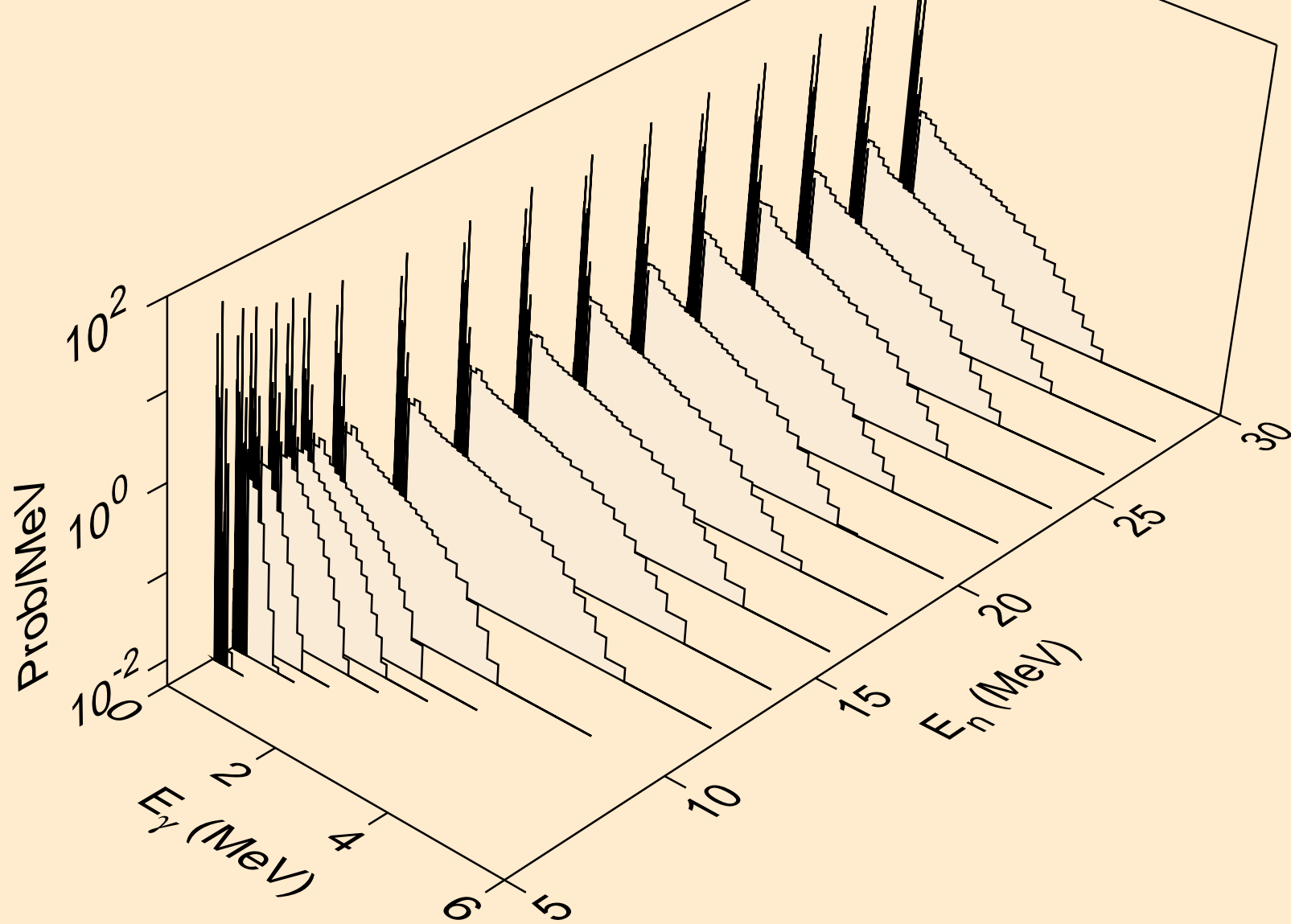
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Photon emission for (n,x)



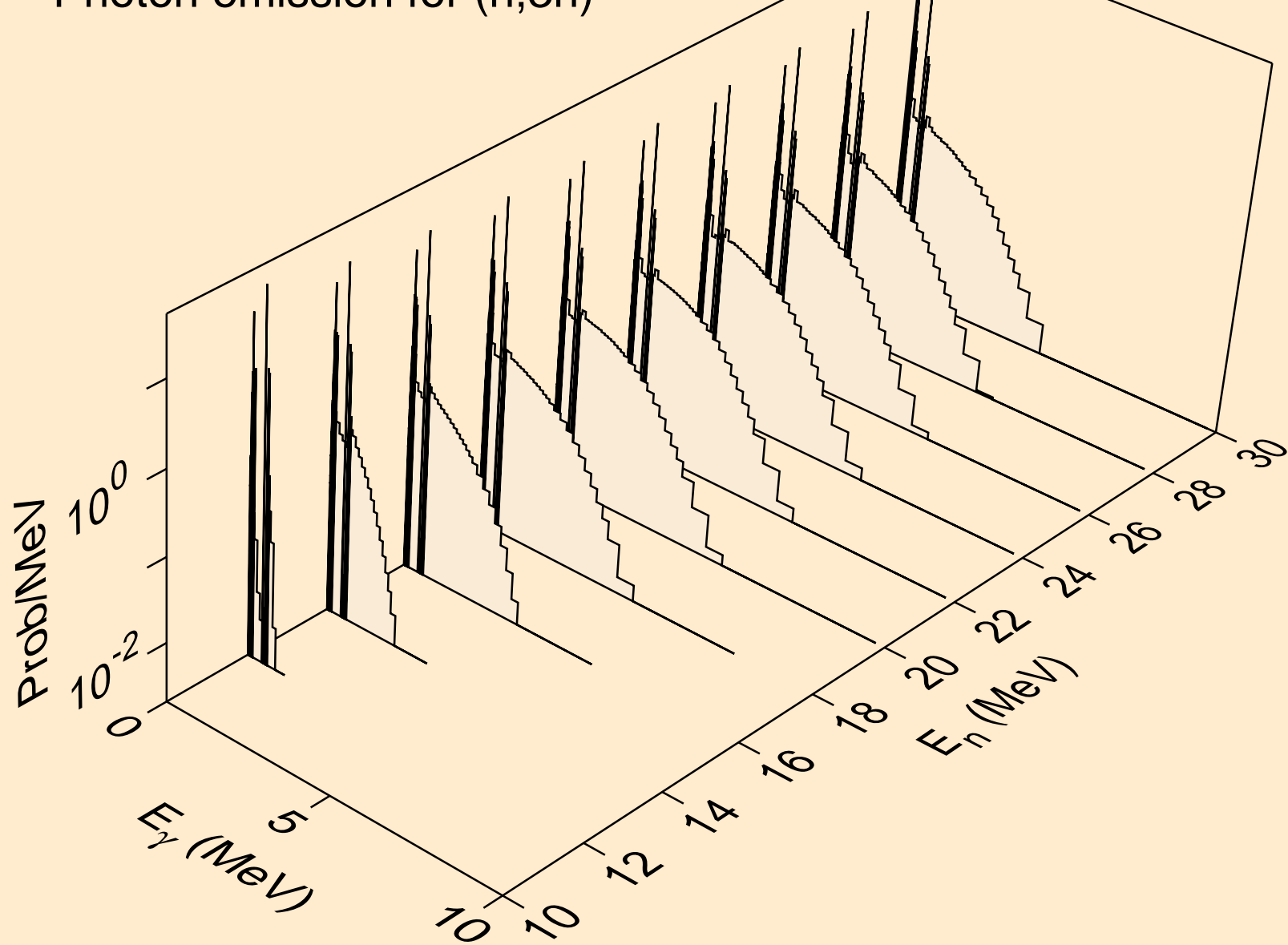
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Photon emission for (n,2nd)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

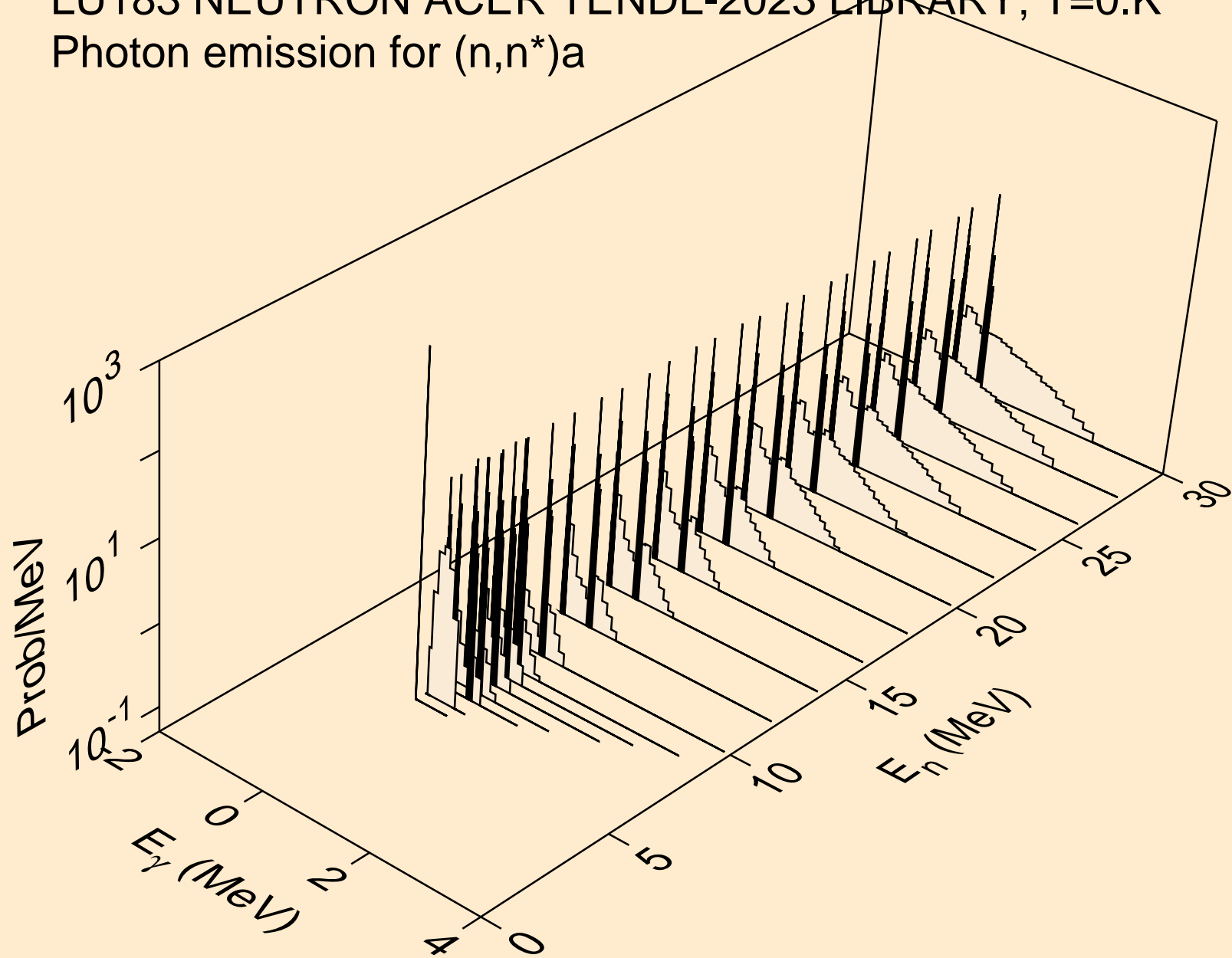


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Photon emission for (n,3n)

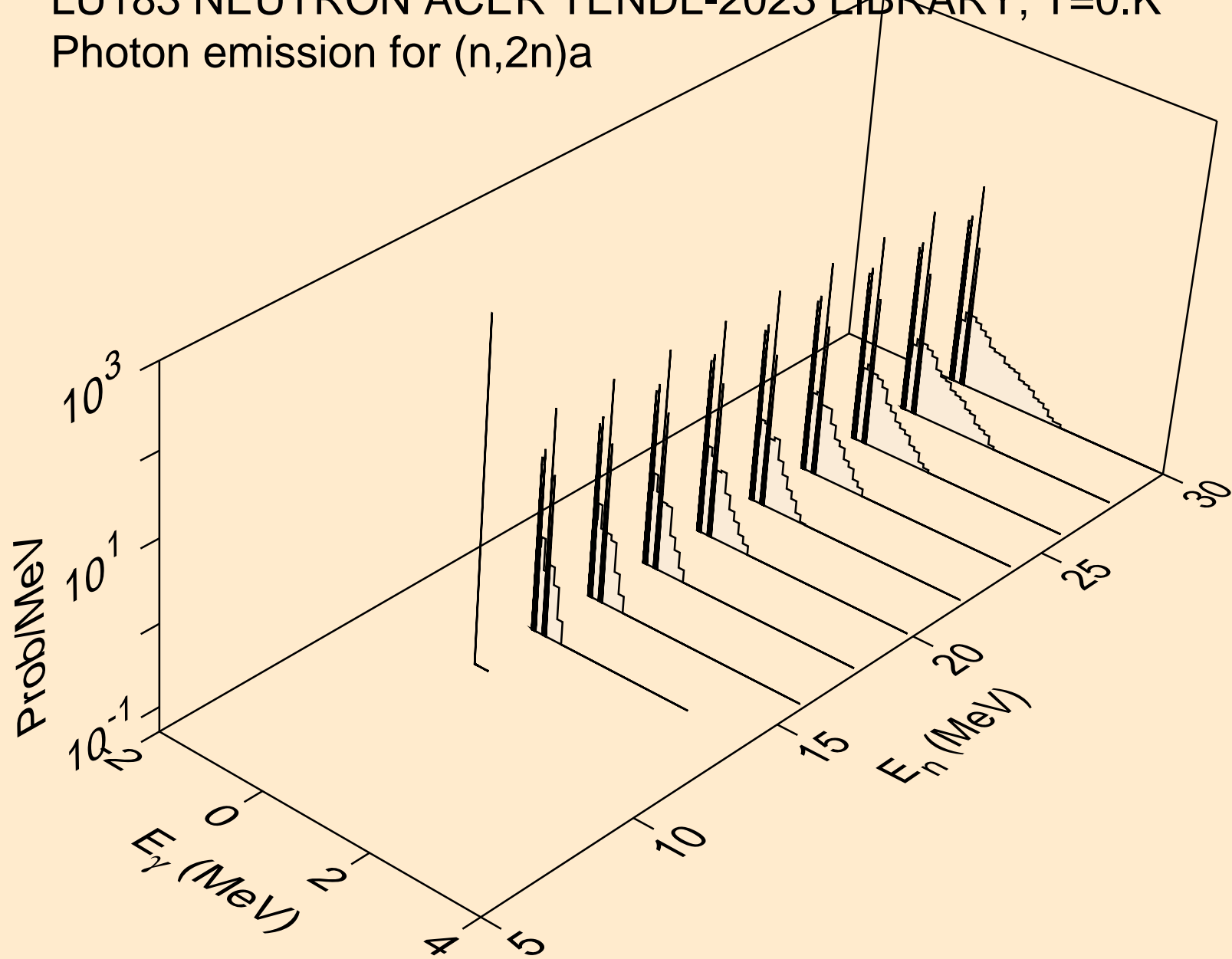




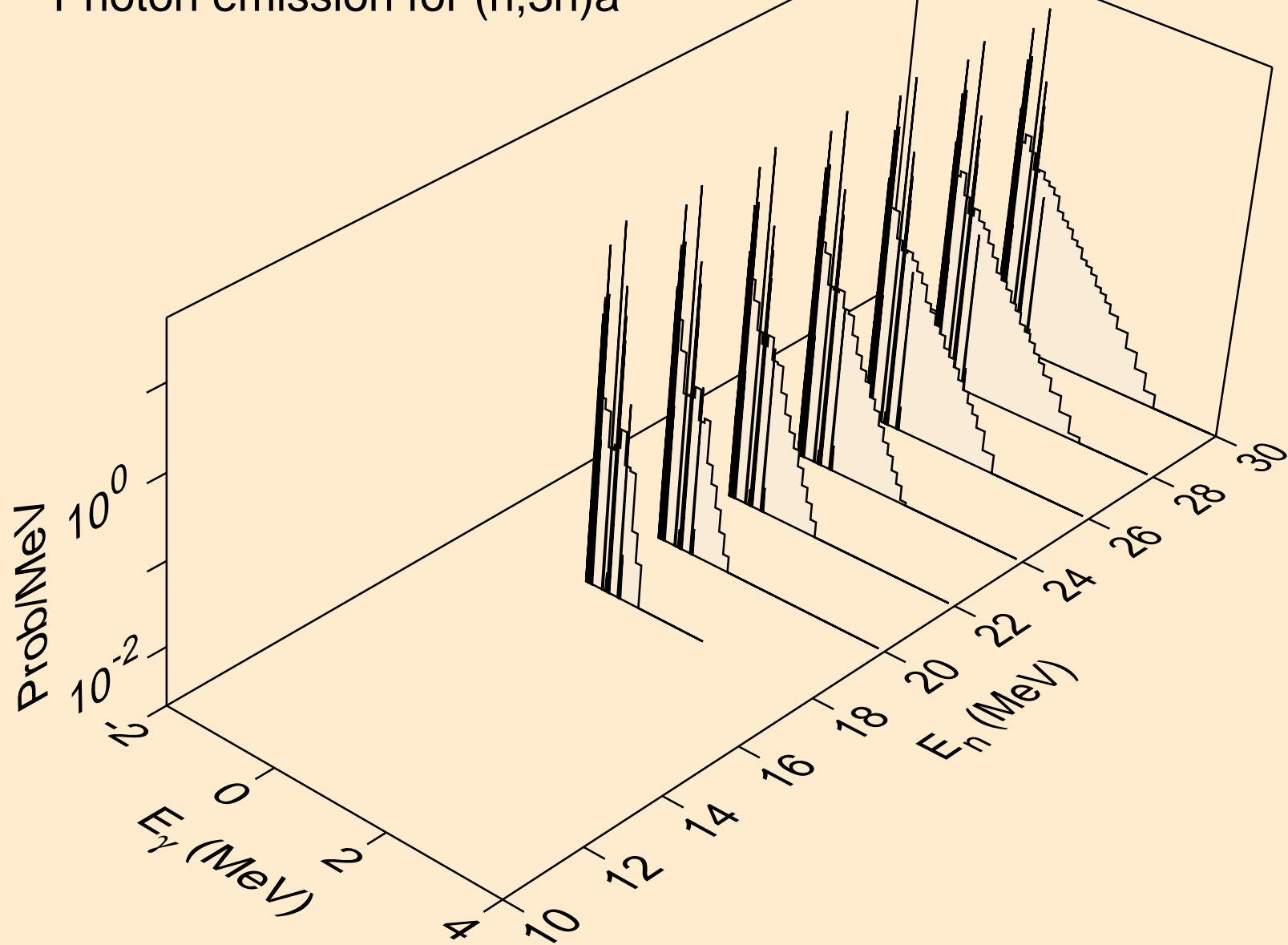
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Photon emission for (n,n\*)a



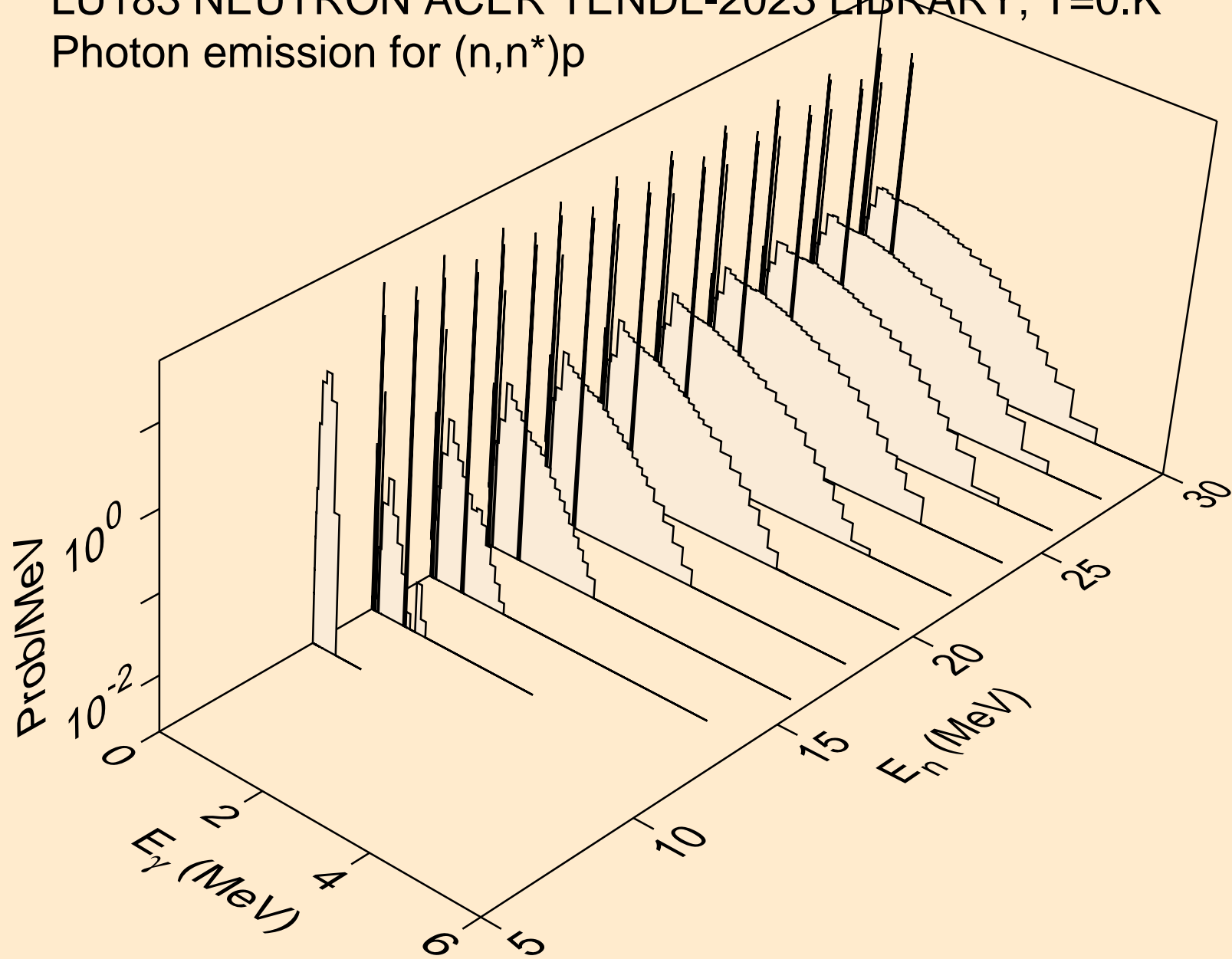
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Photon emission for (n,2n)a



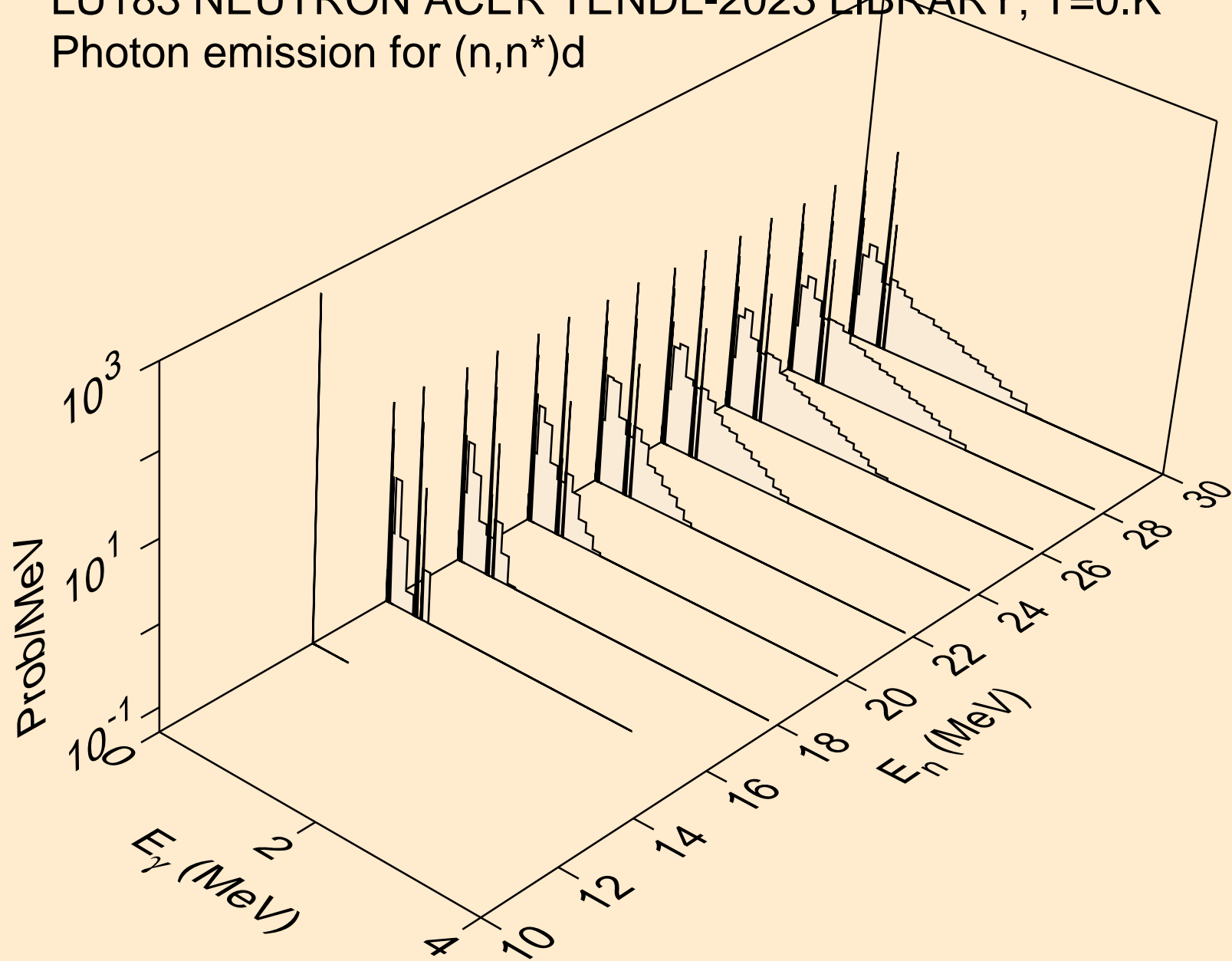
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Photon emission for (n,3n)a



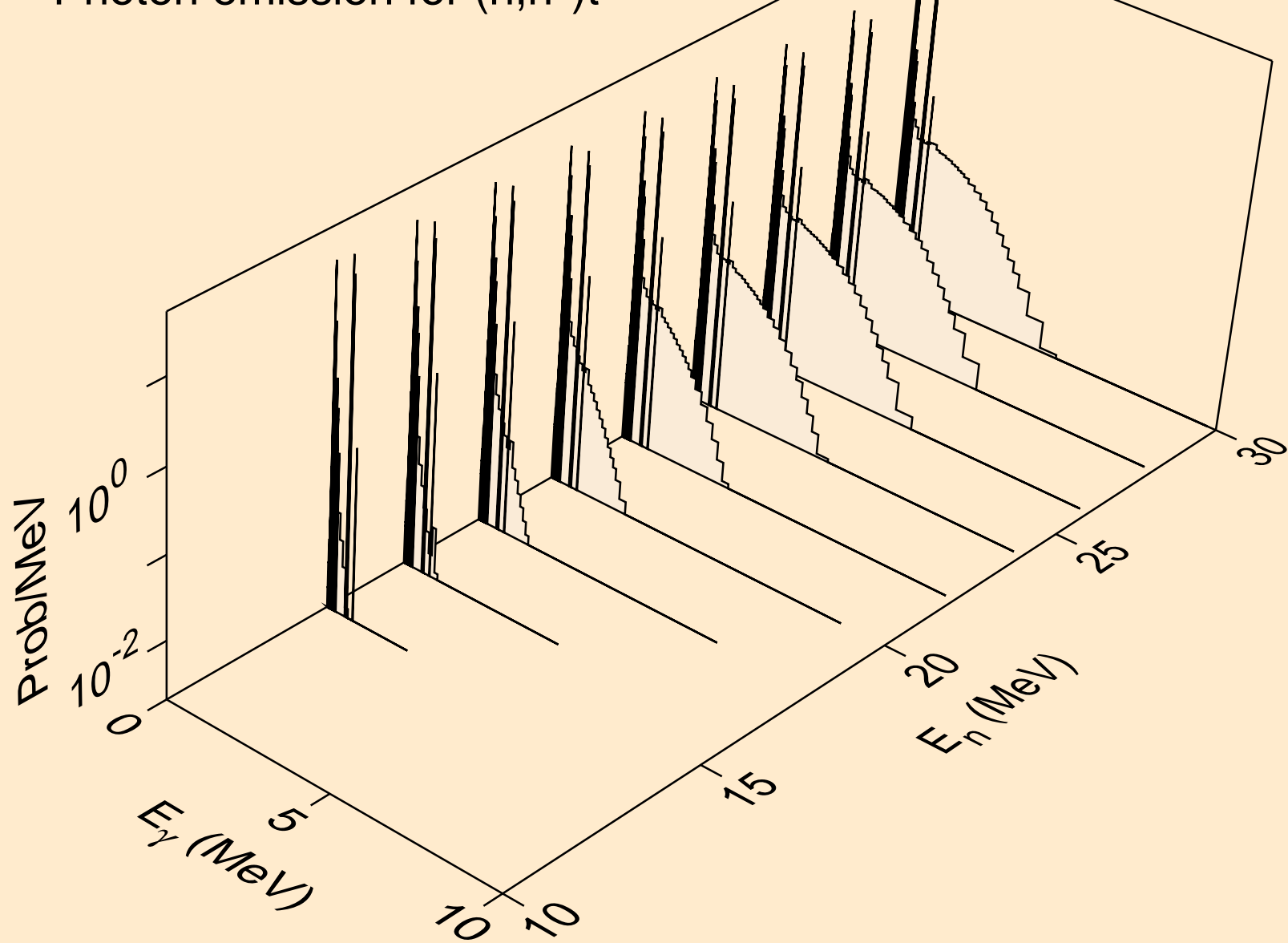
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Photon emission for (n,n\*)p



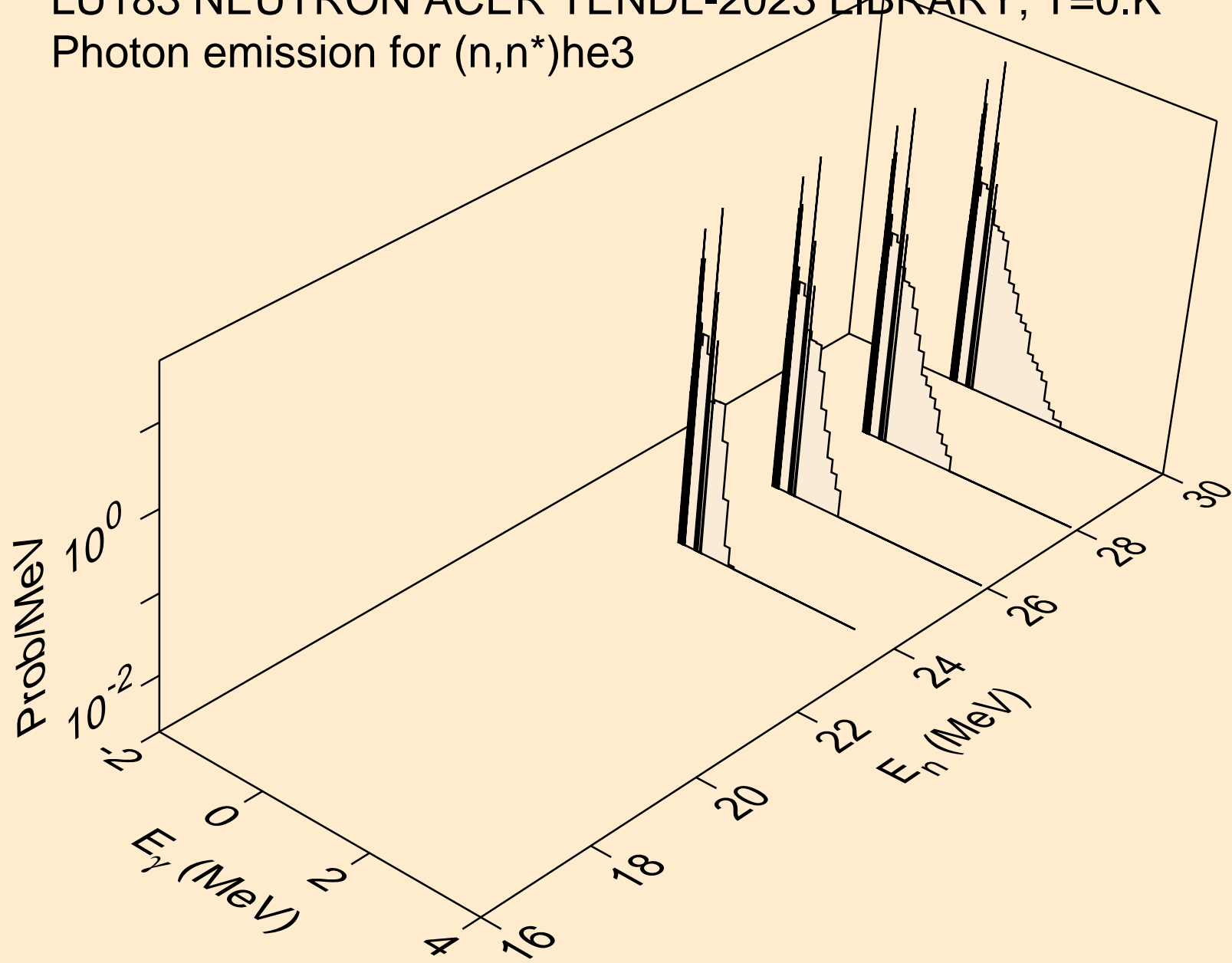
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Photon emission for (n,n\*)d



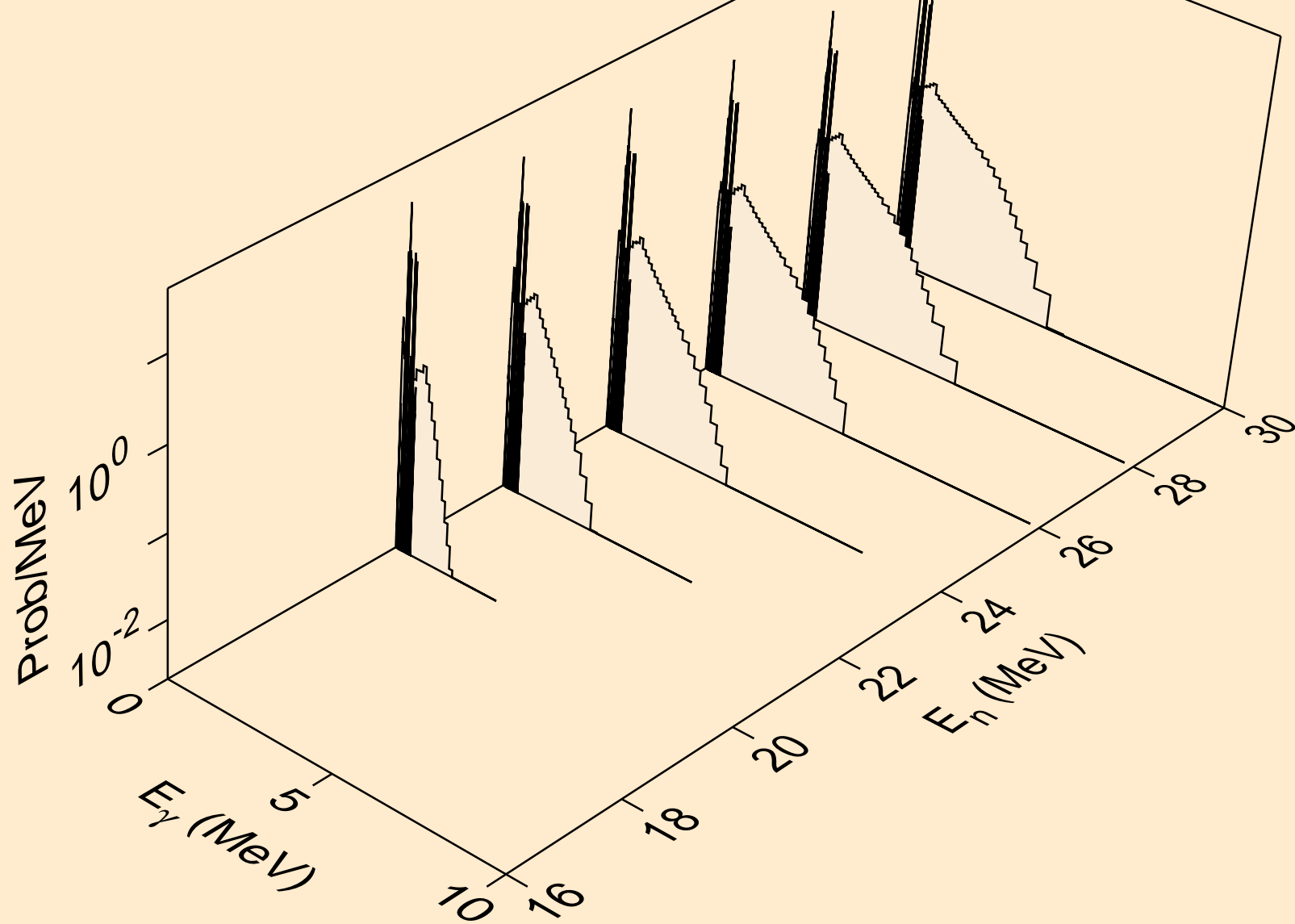
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

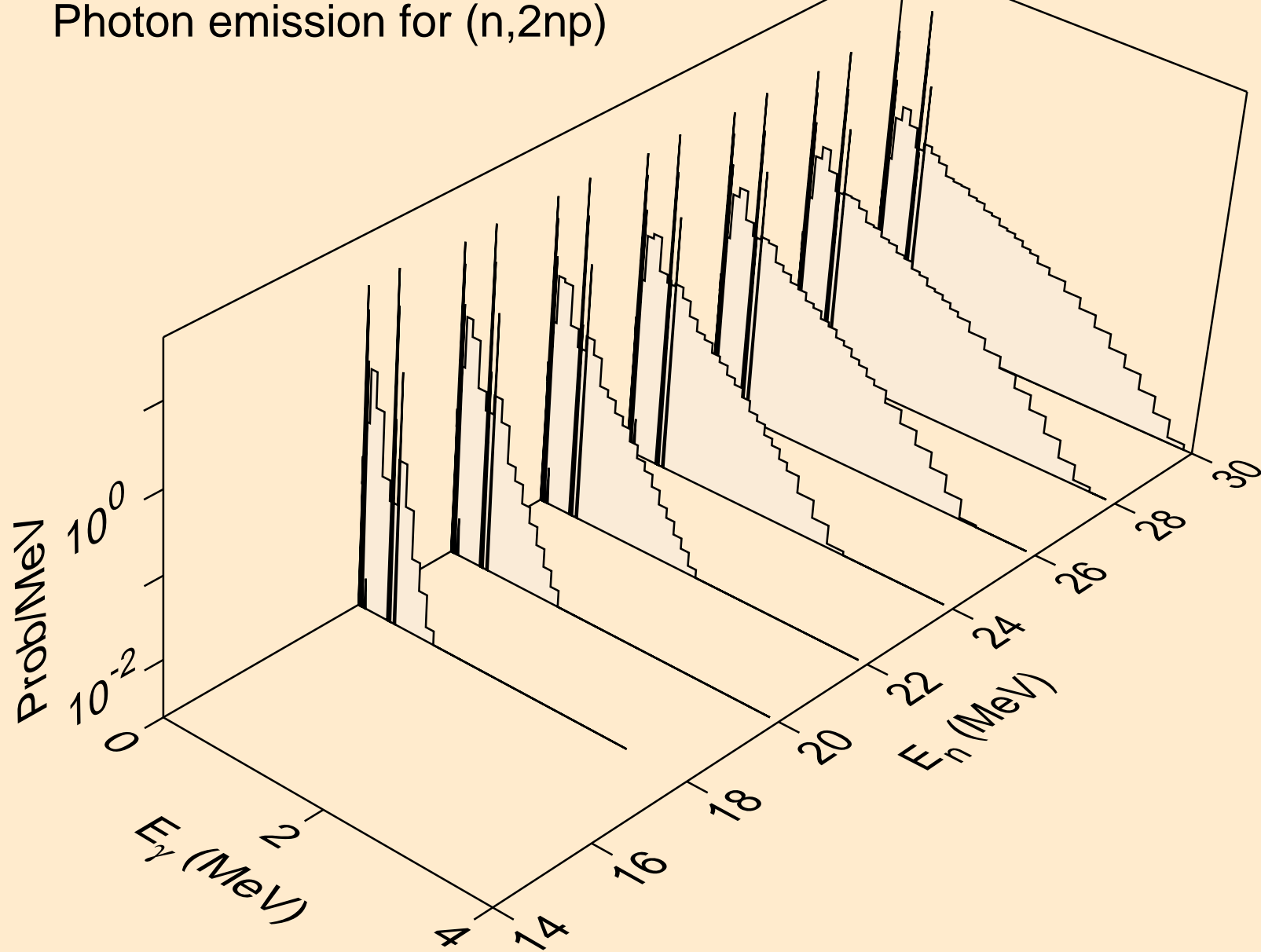


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Photon emission for (n,4n)

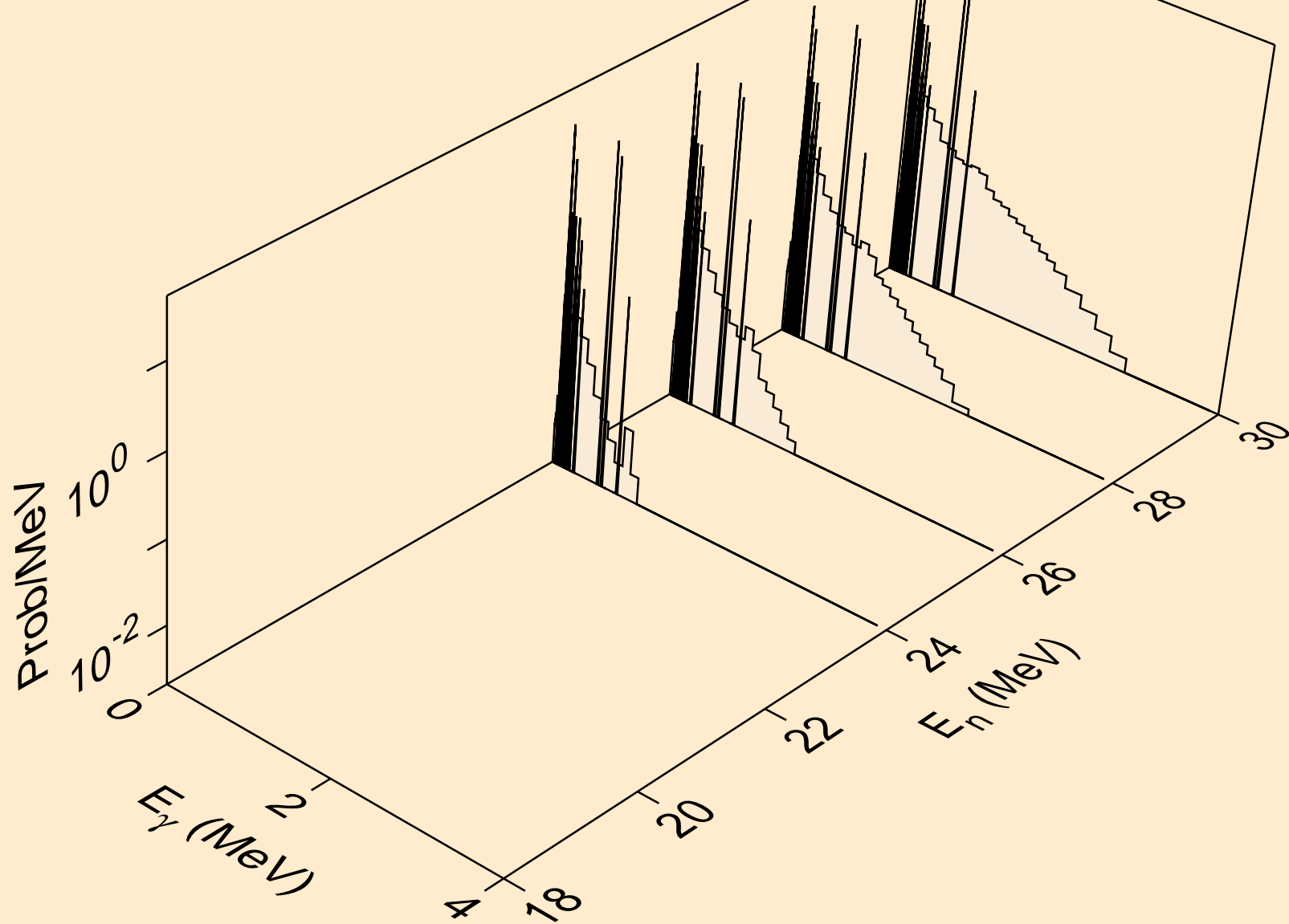




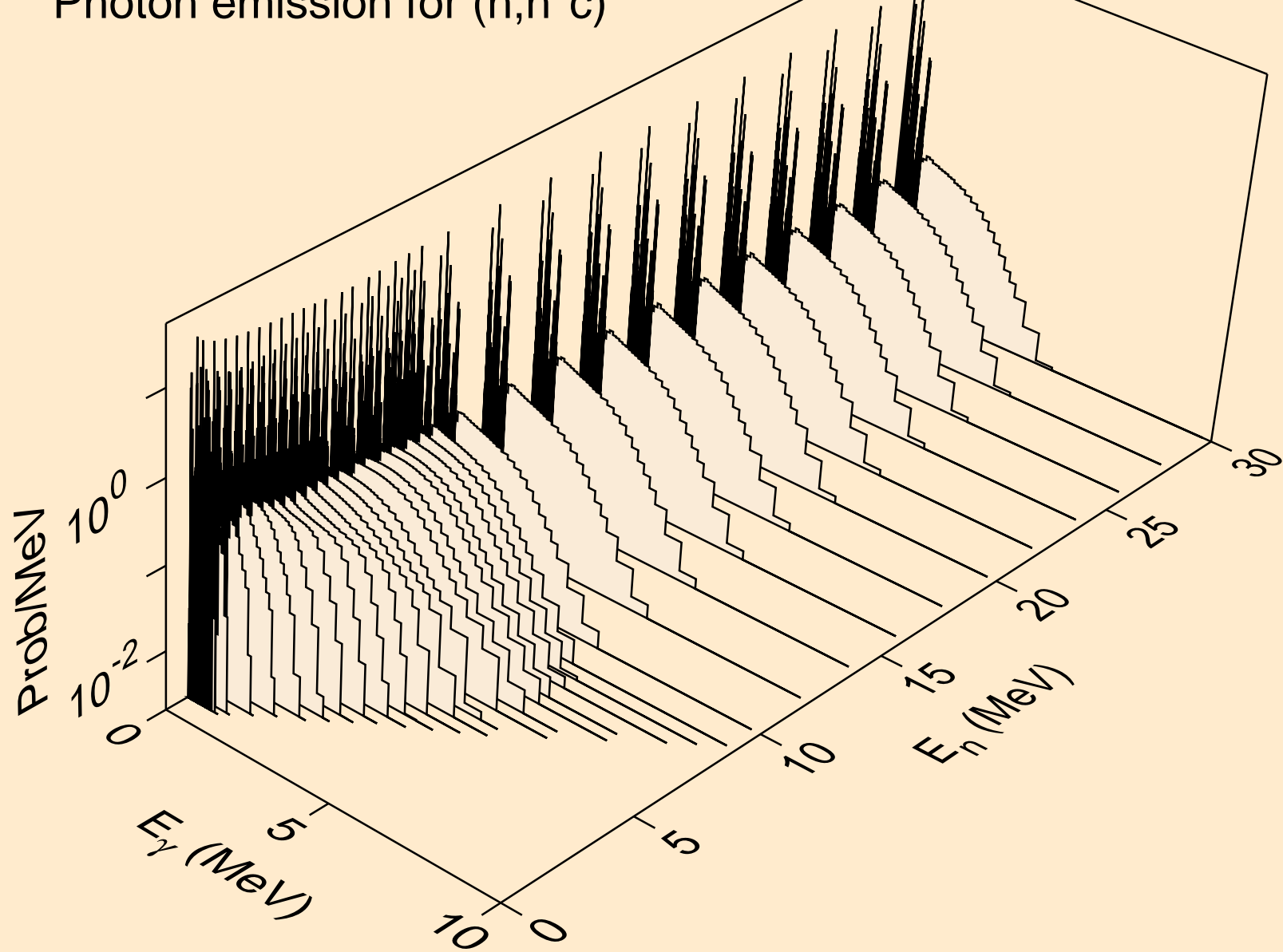
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Photon emission for (n,2np)



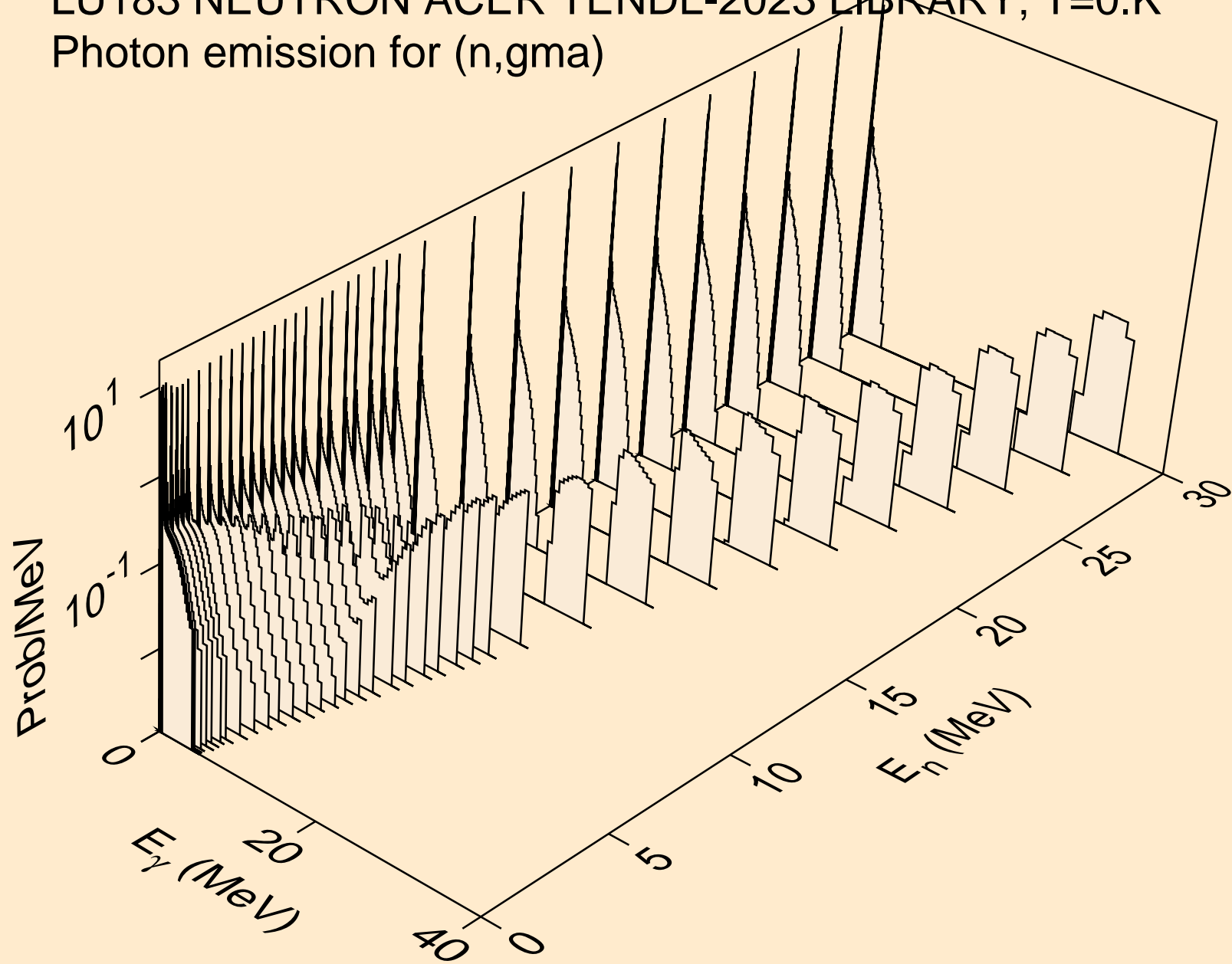
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Photon emission for (n,3np)



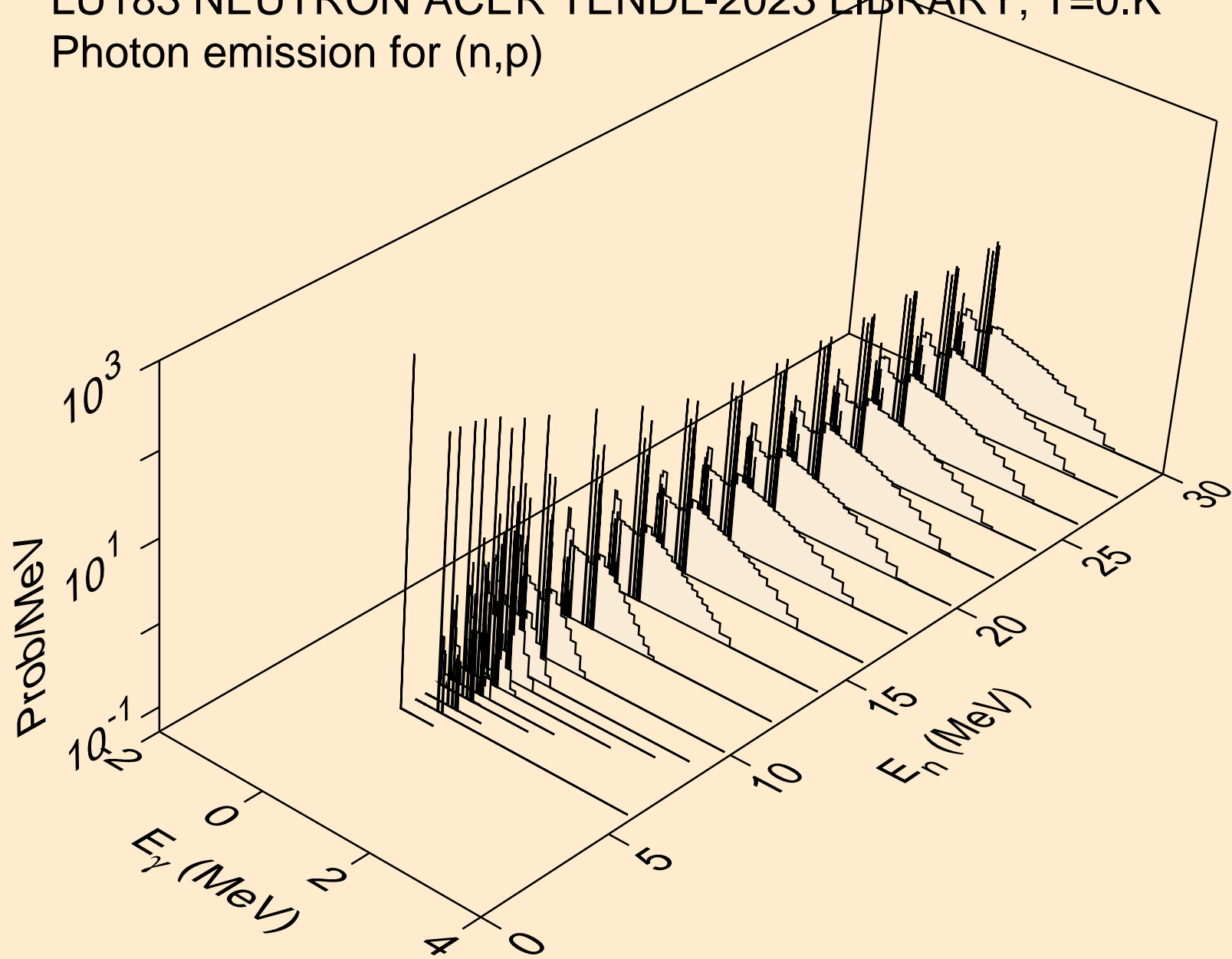
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Photon emission for (n,n\*c)



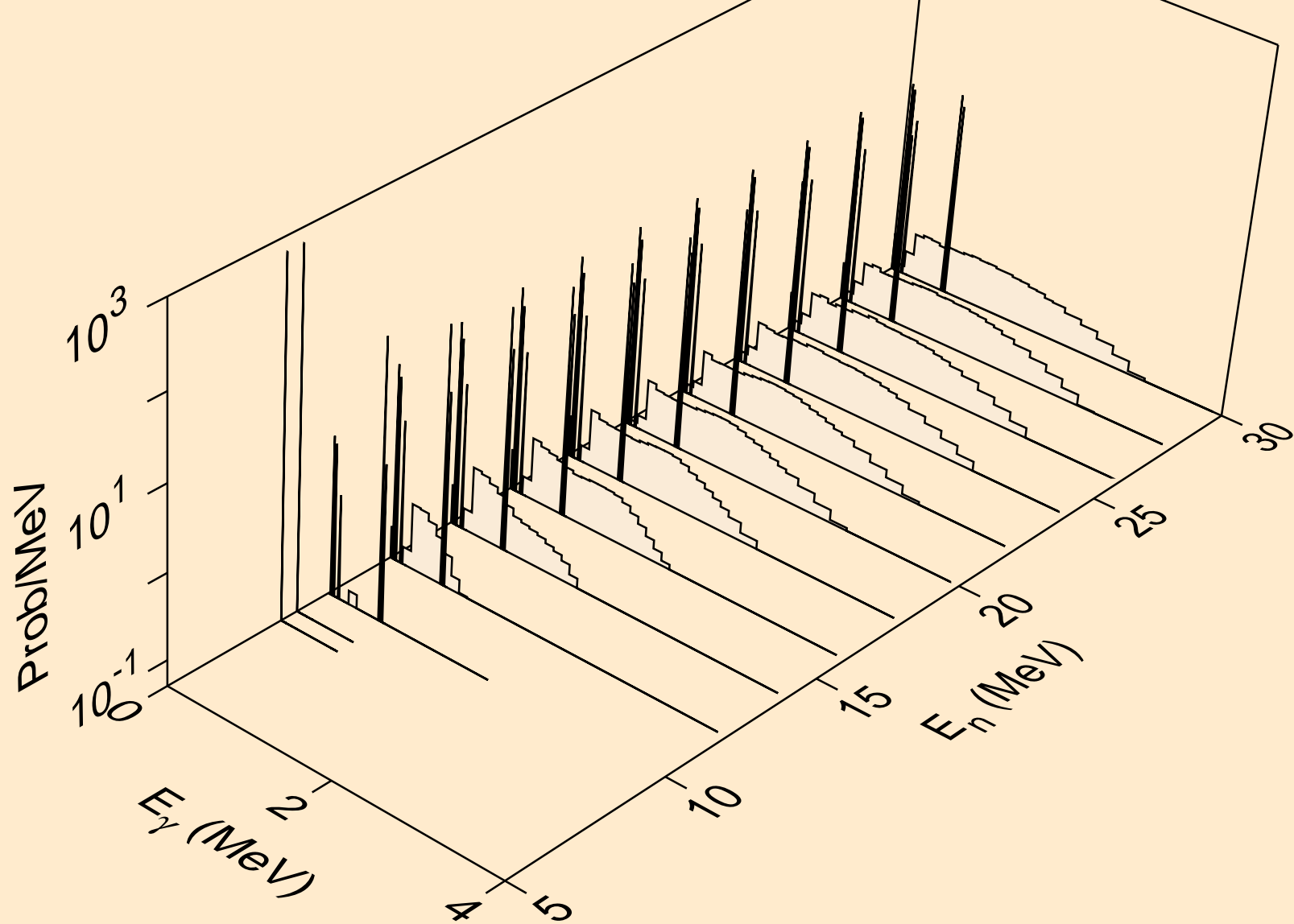
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Photon emission for (n,gma)



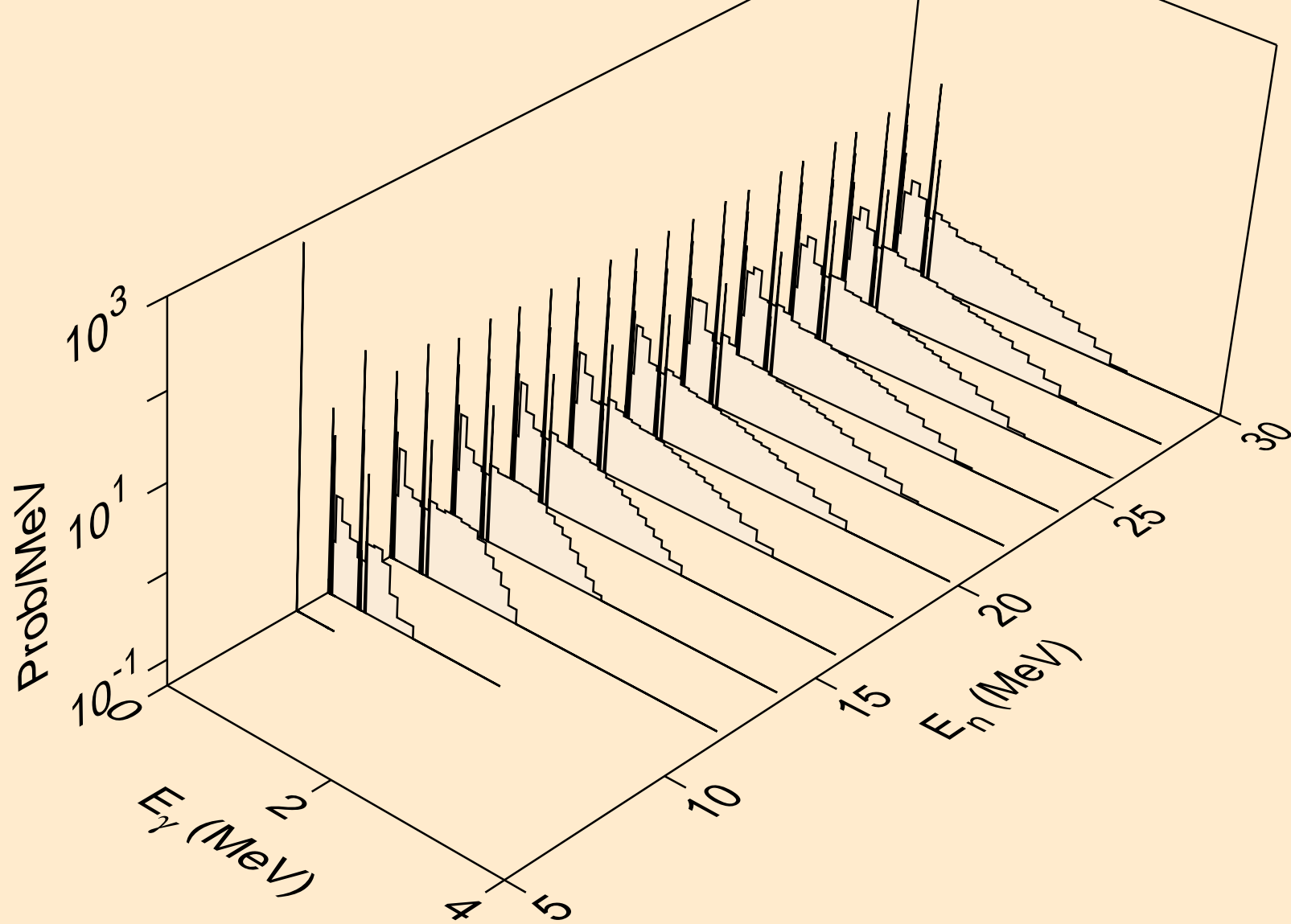
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Photon emission for (n,p)



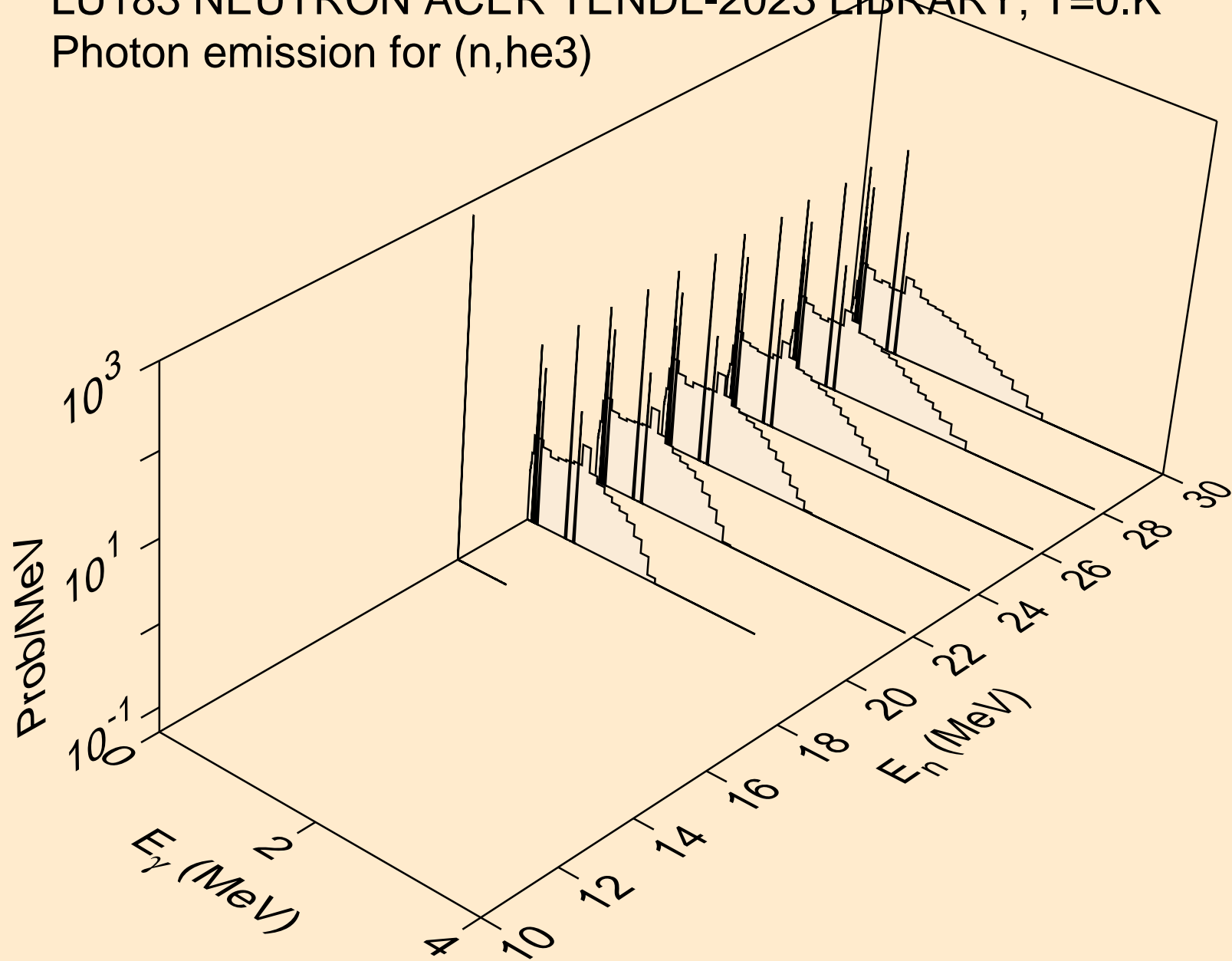
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

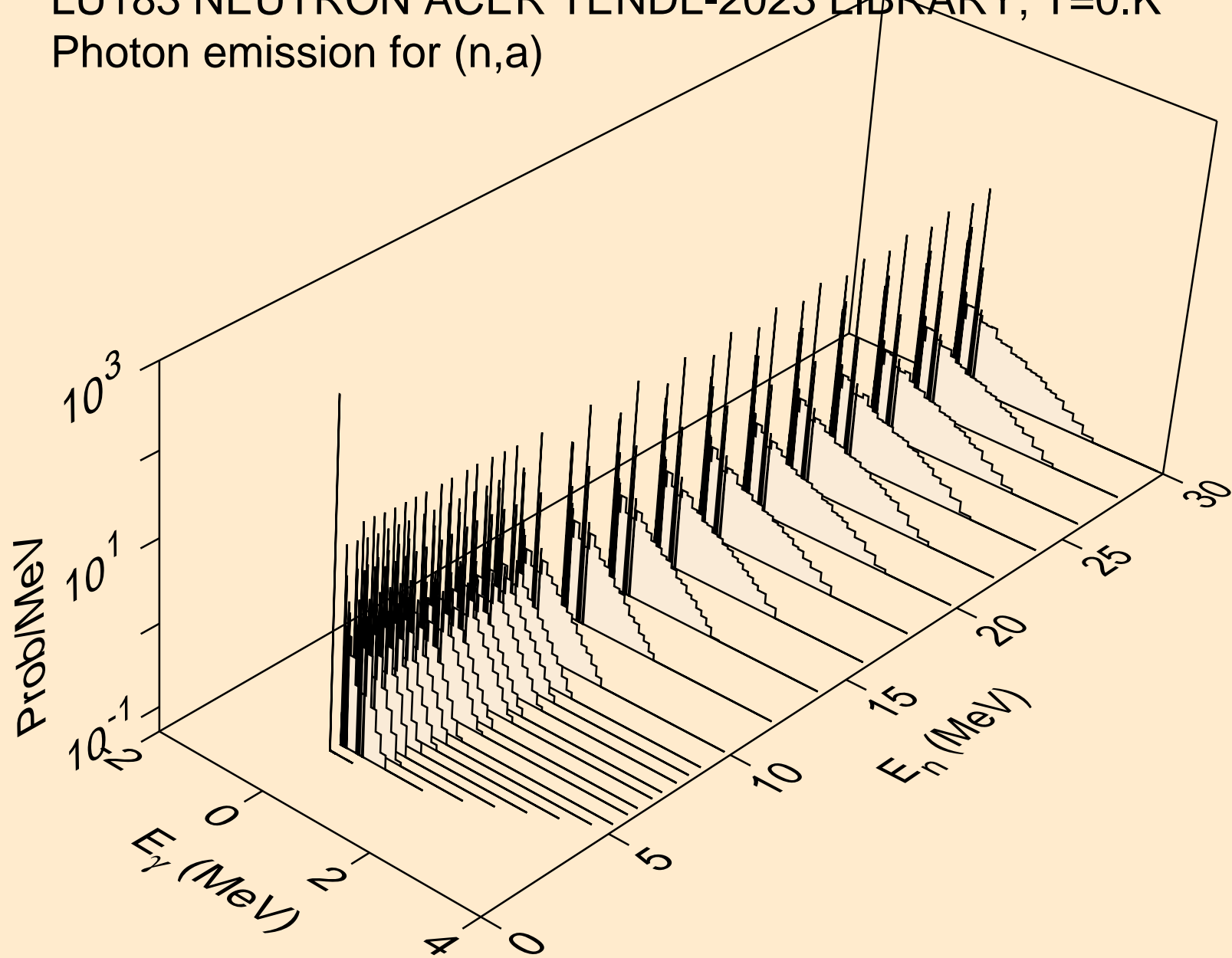


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Photon emission for (n,he3)

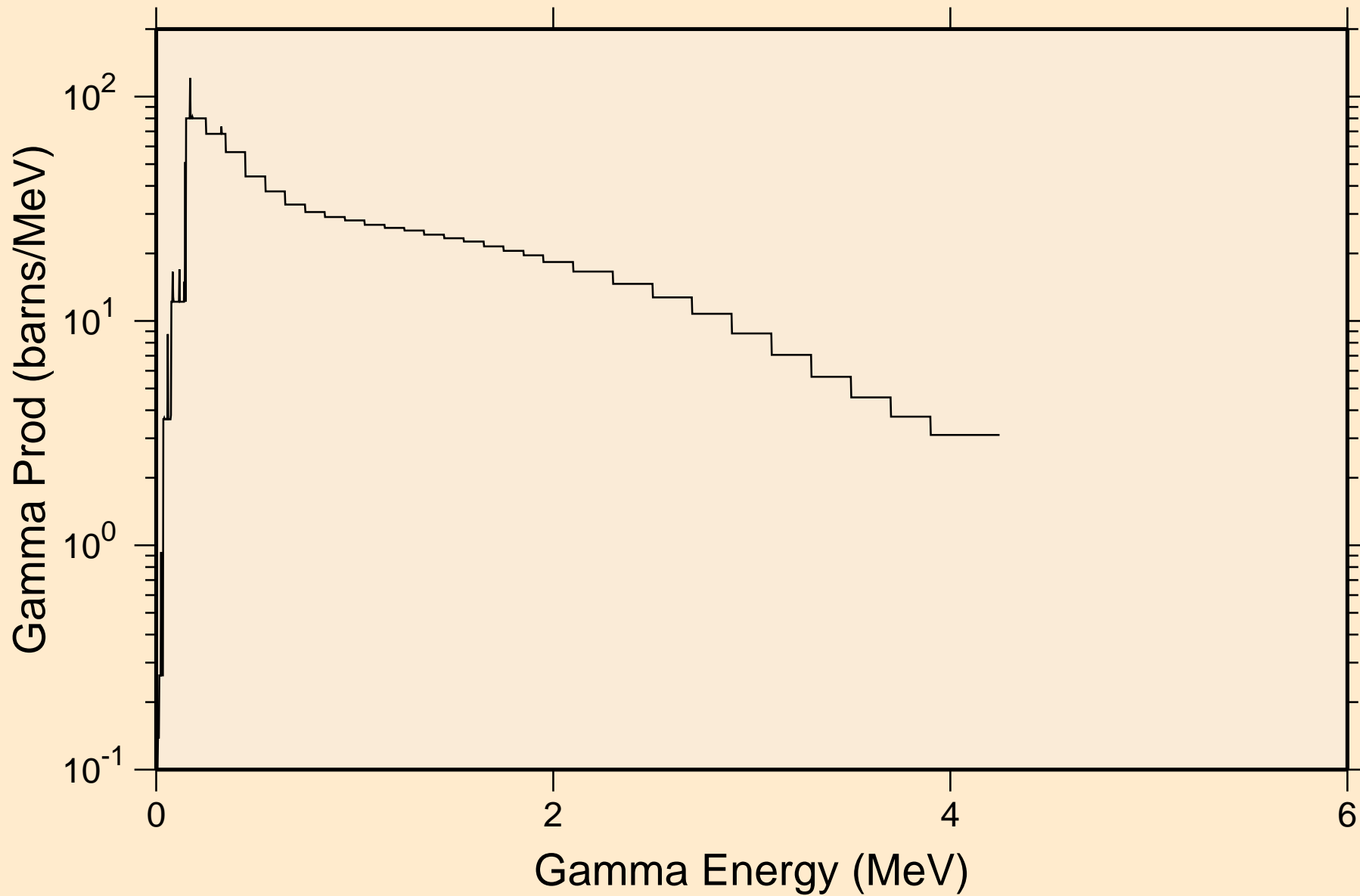




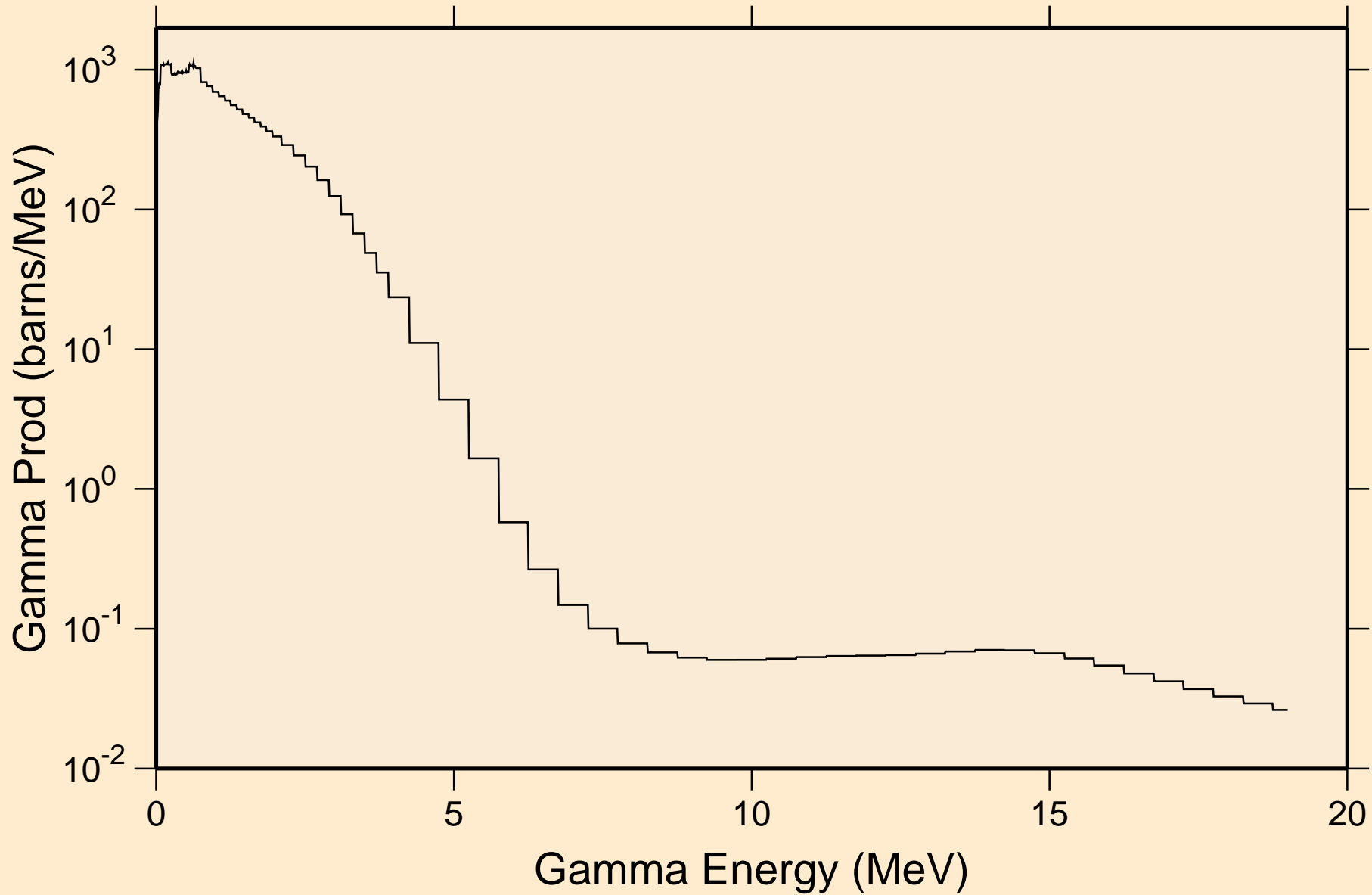
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Photon emission for (n,a)



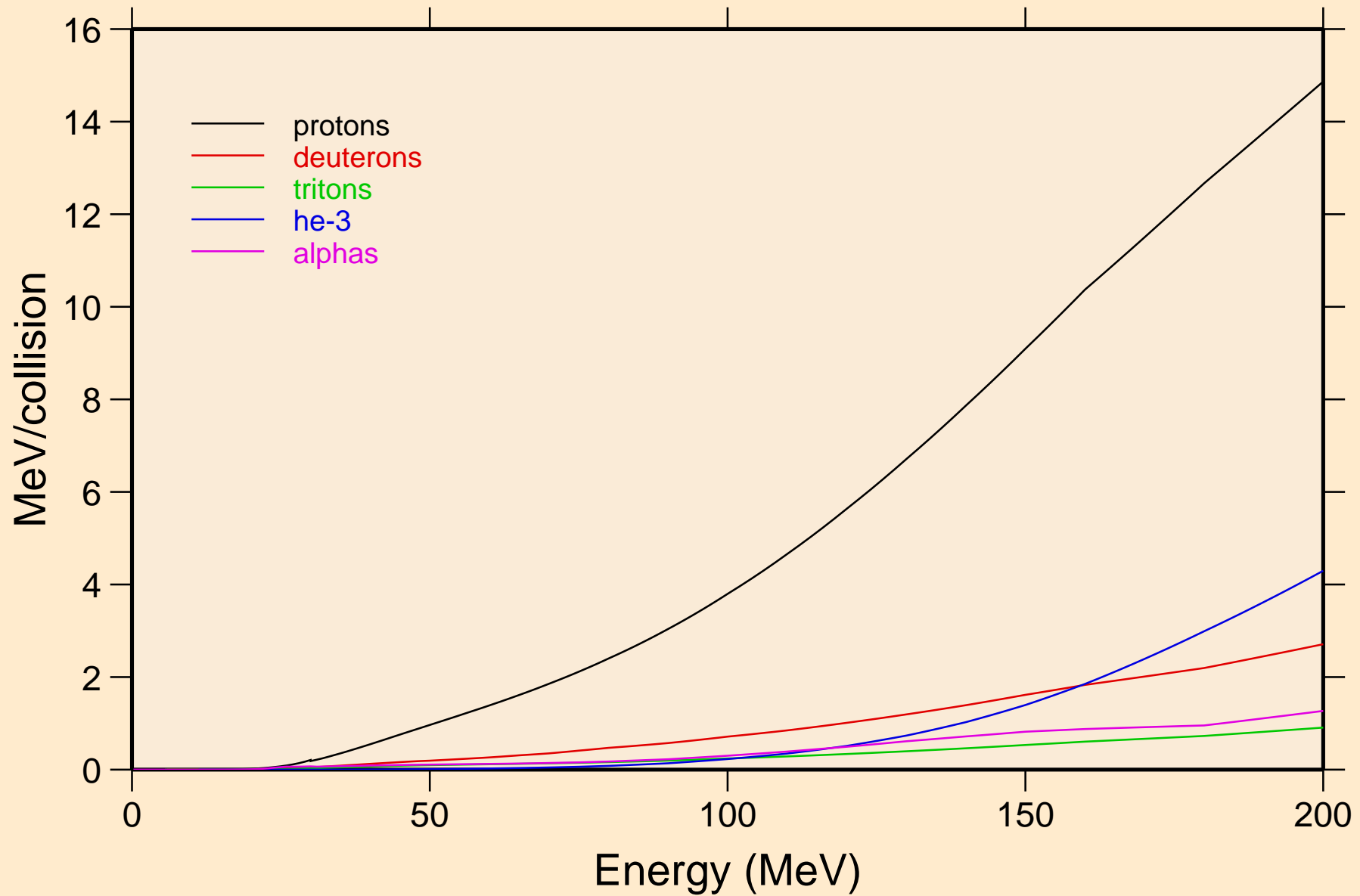
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thermal capture photon spectrum



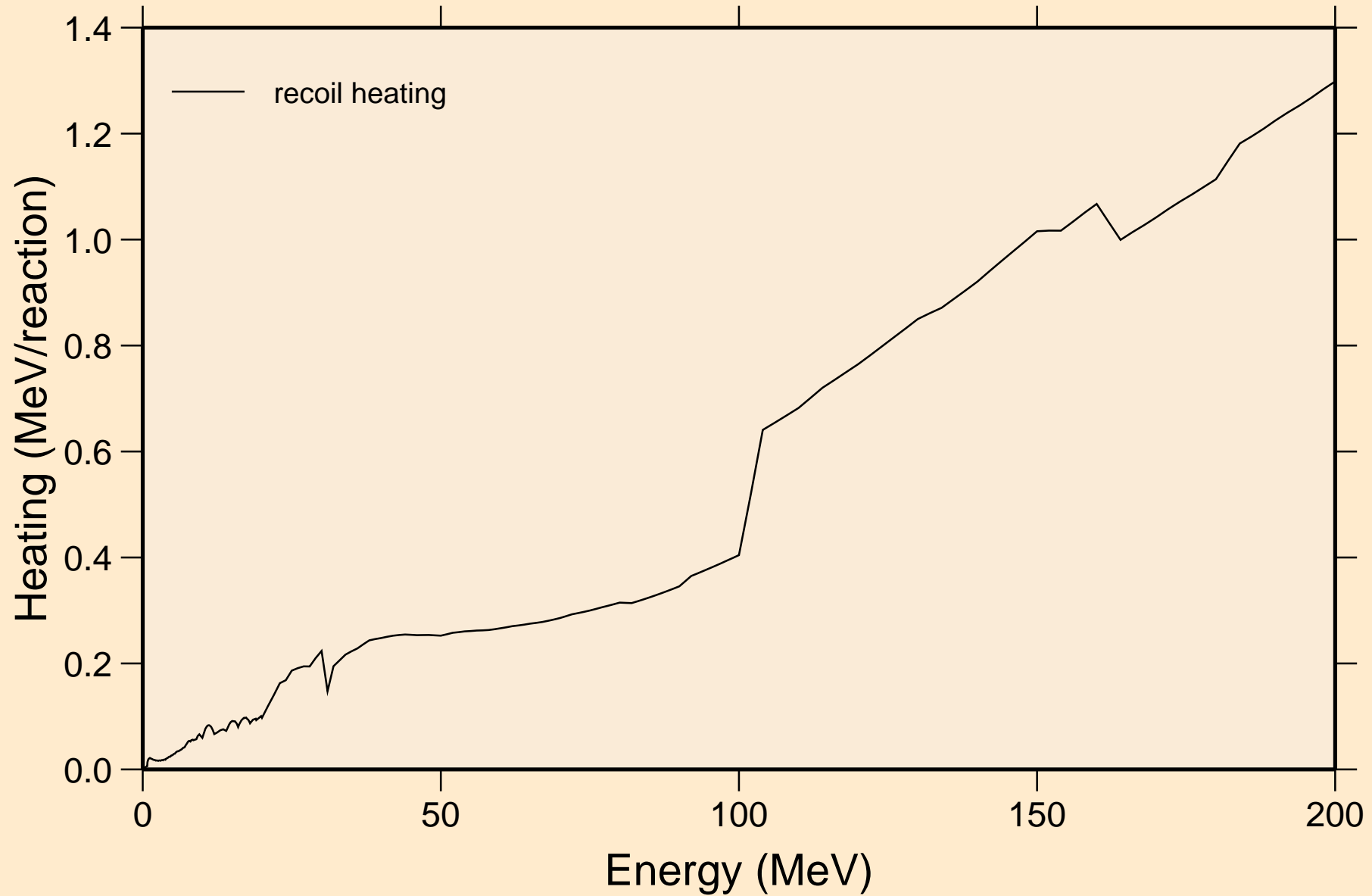
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14 MeV photon spectrum



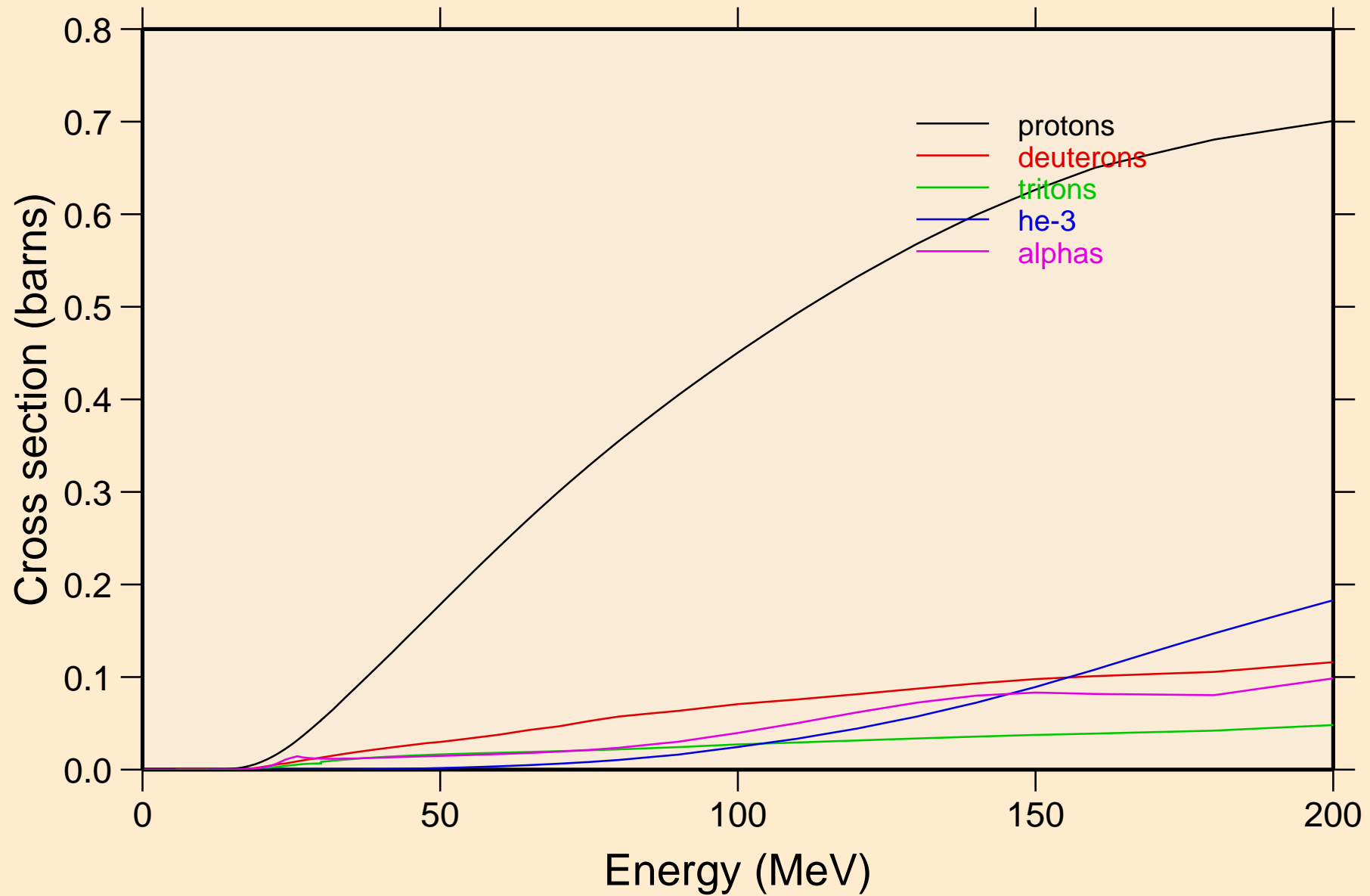
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Particle heating contributions



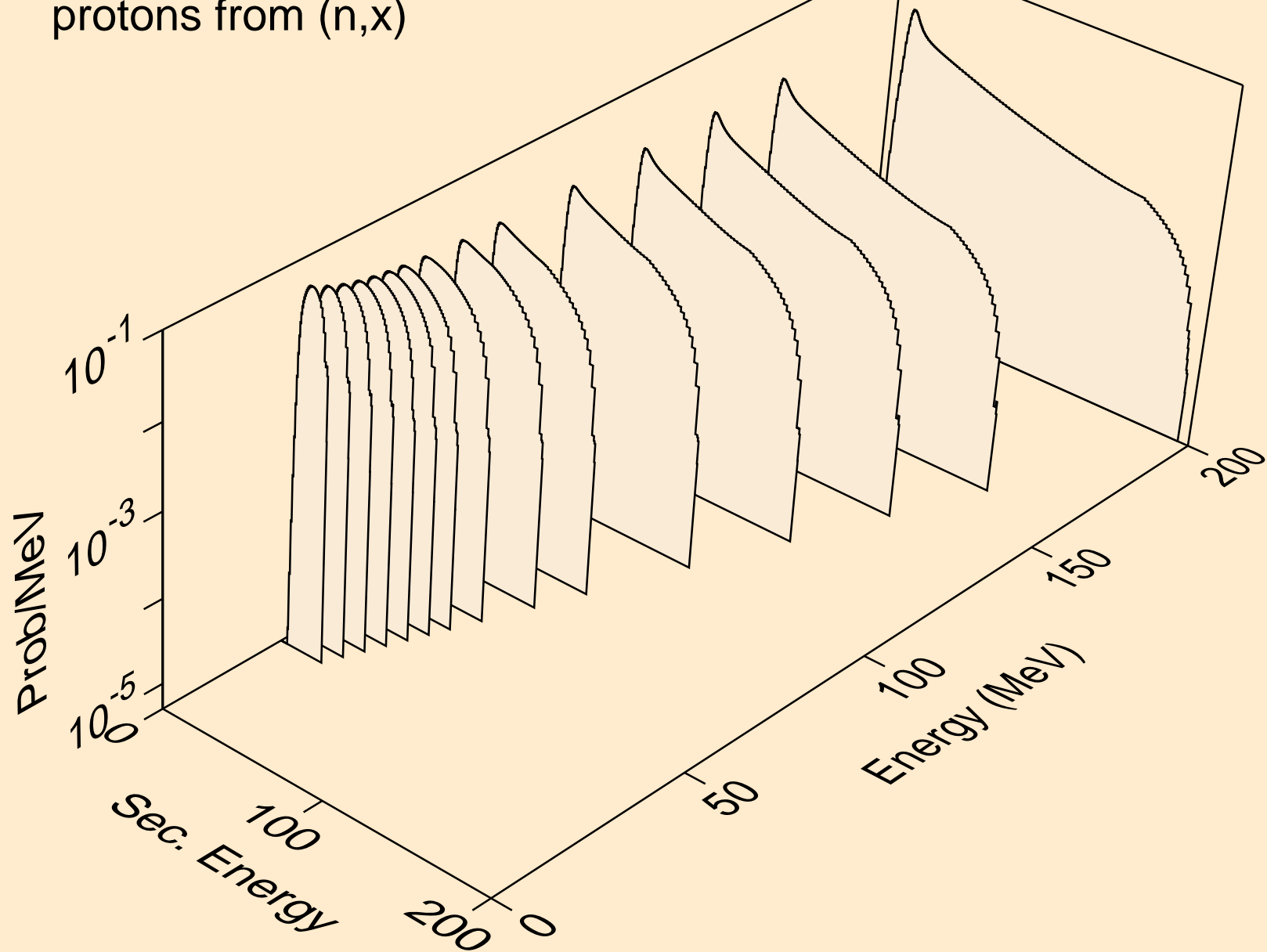
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Recoil Heating



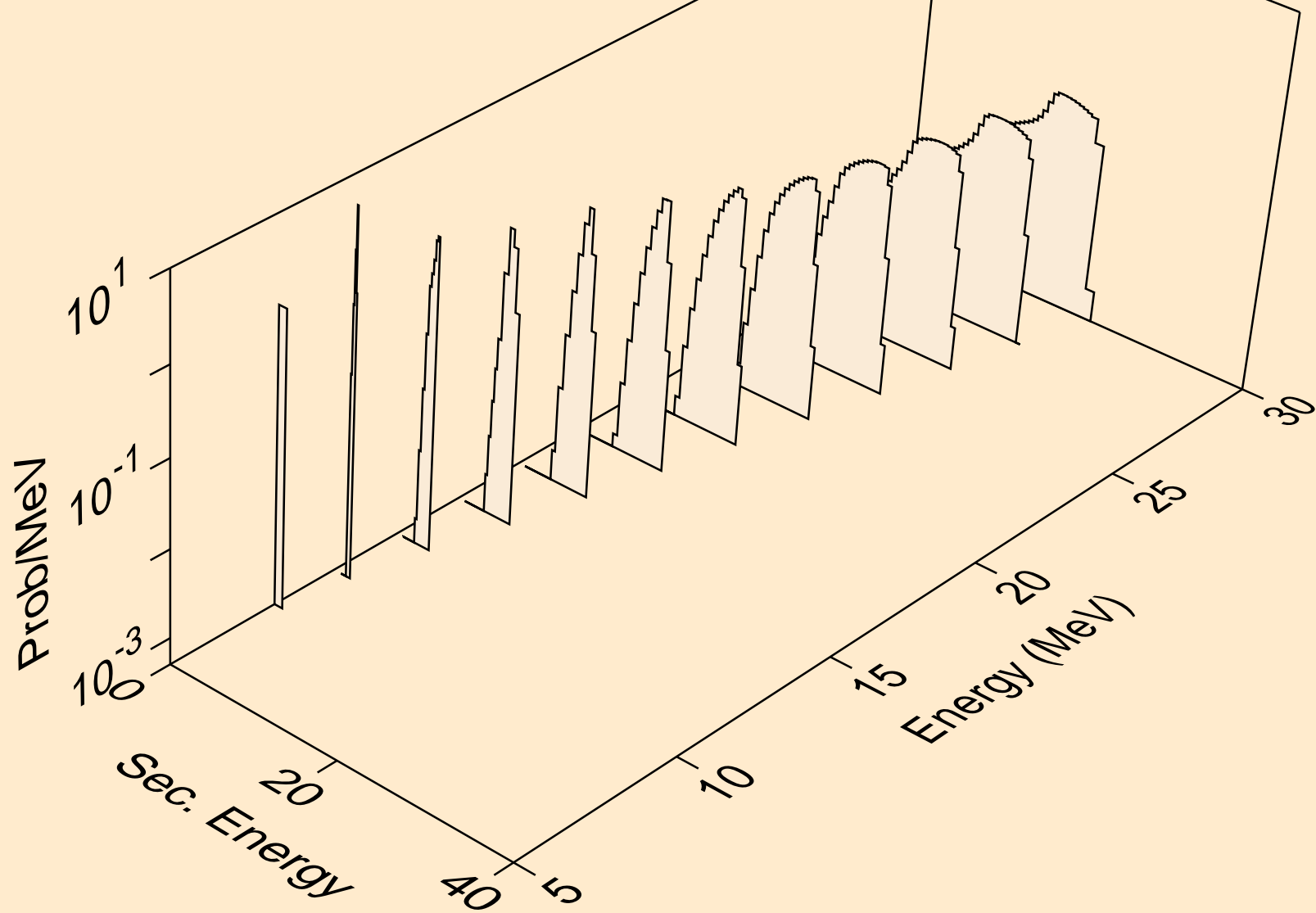
LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

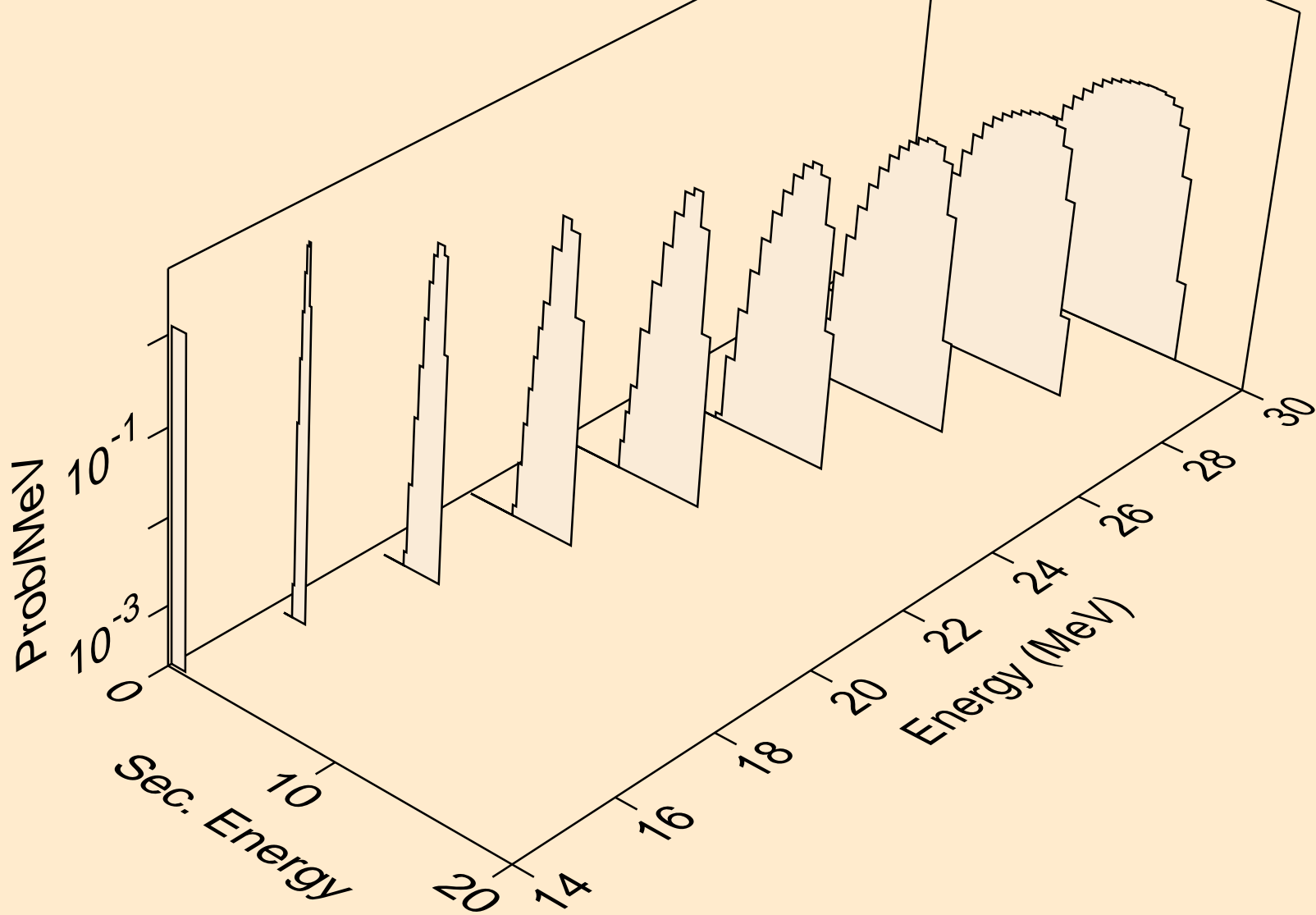


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protons from (n,n\*)p

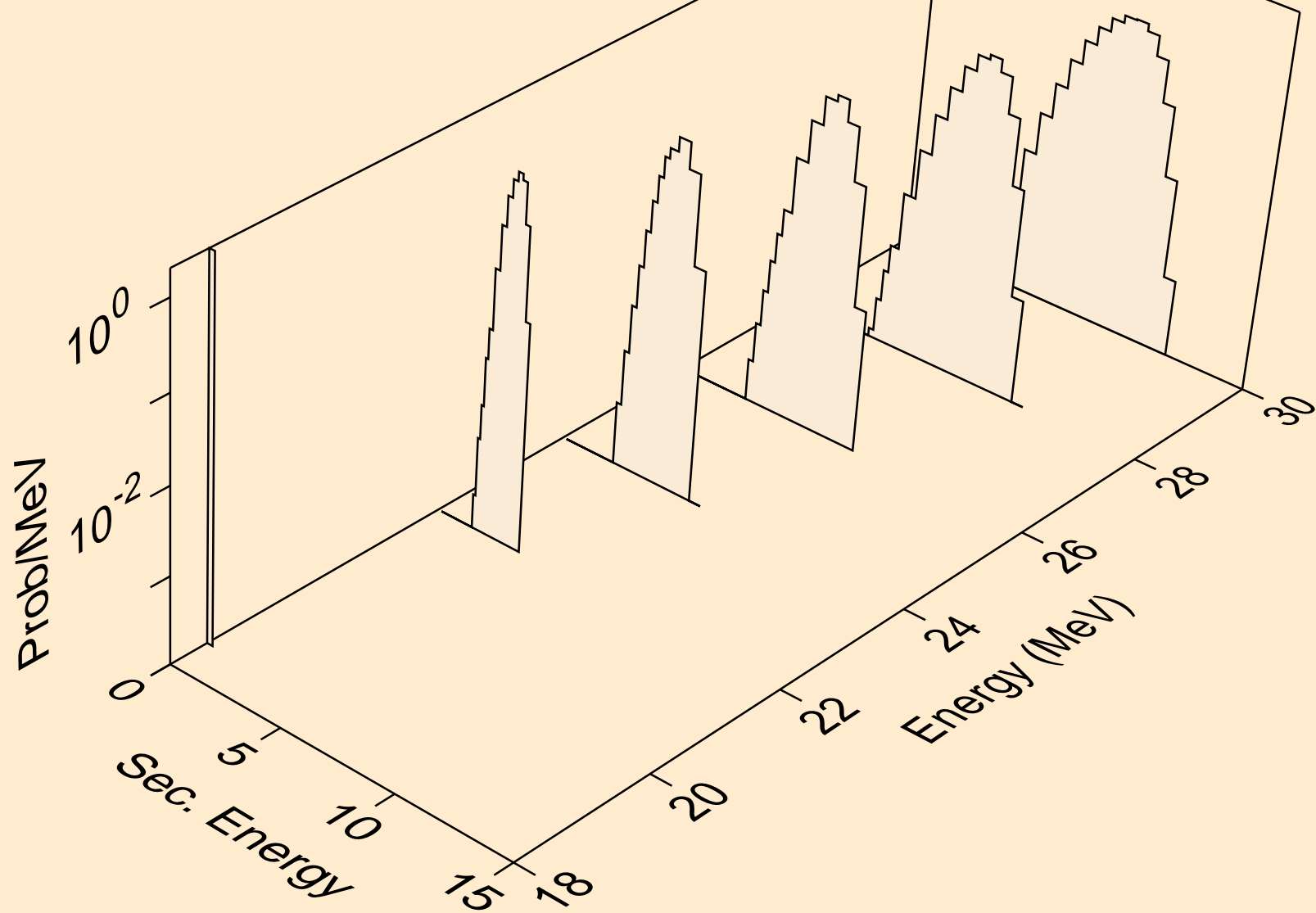




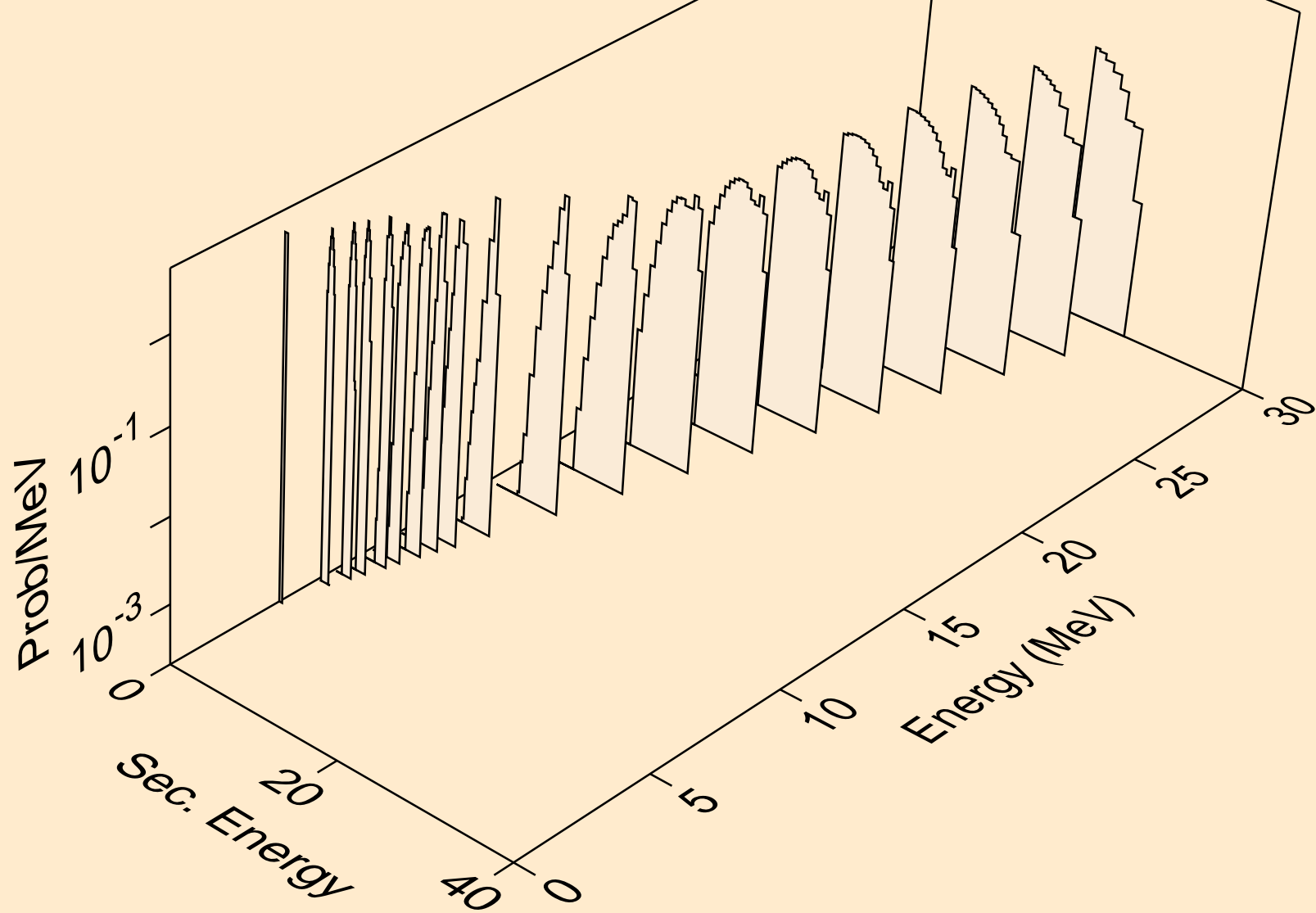
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protons from (n,2np)



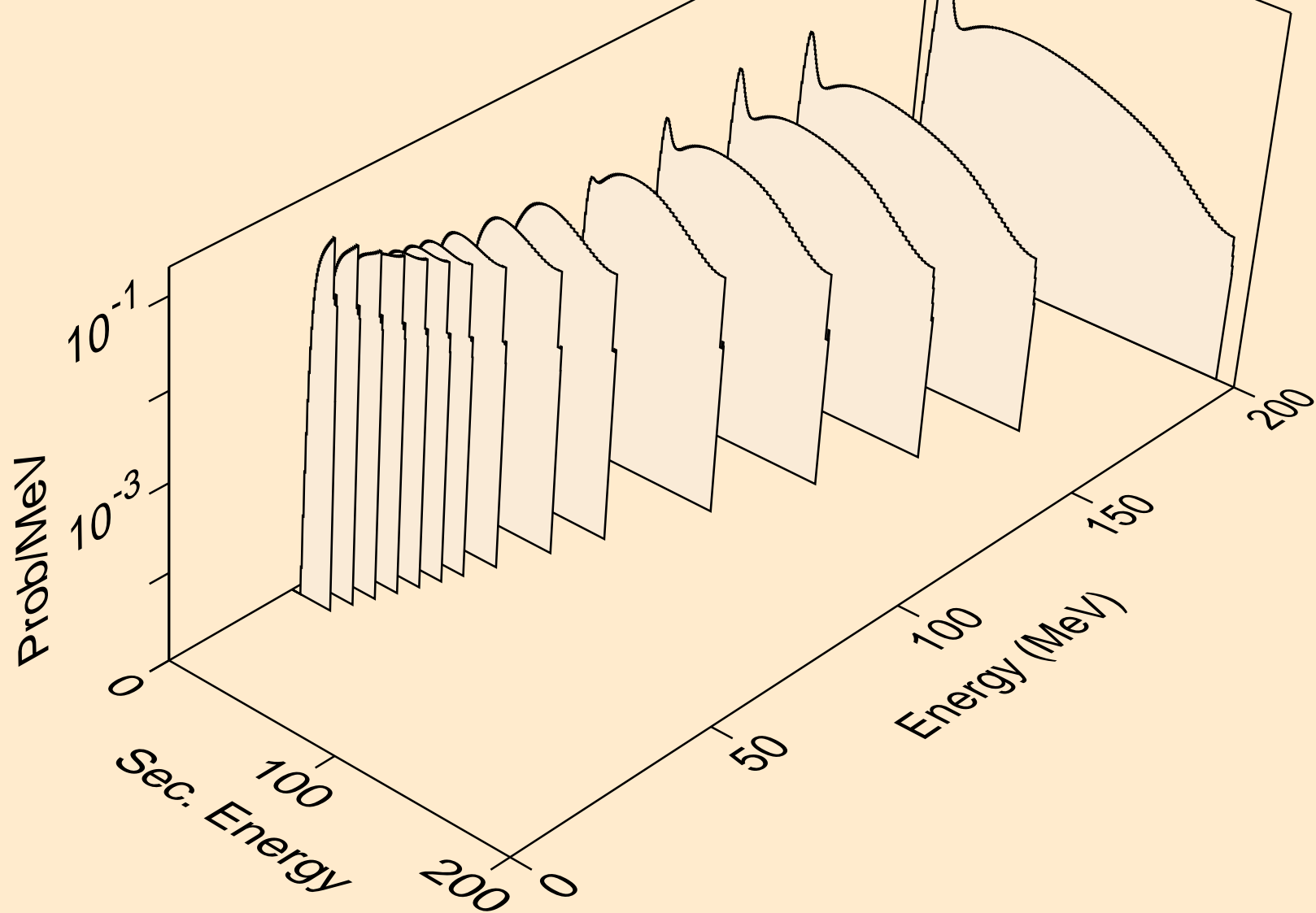
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protons from (n,3np)



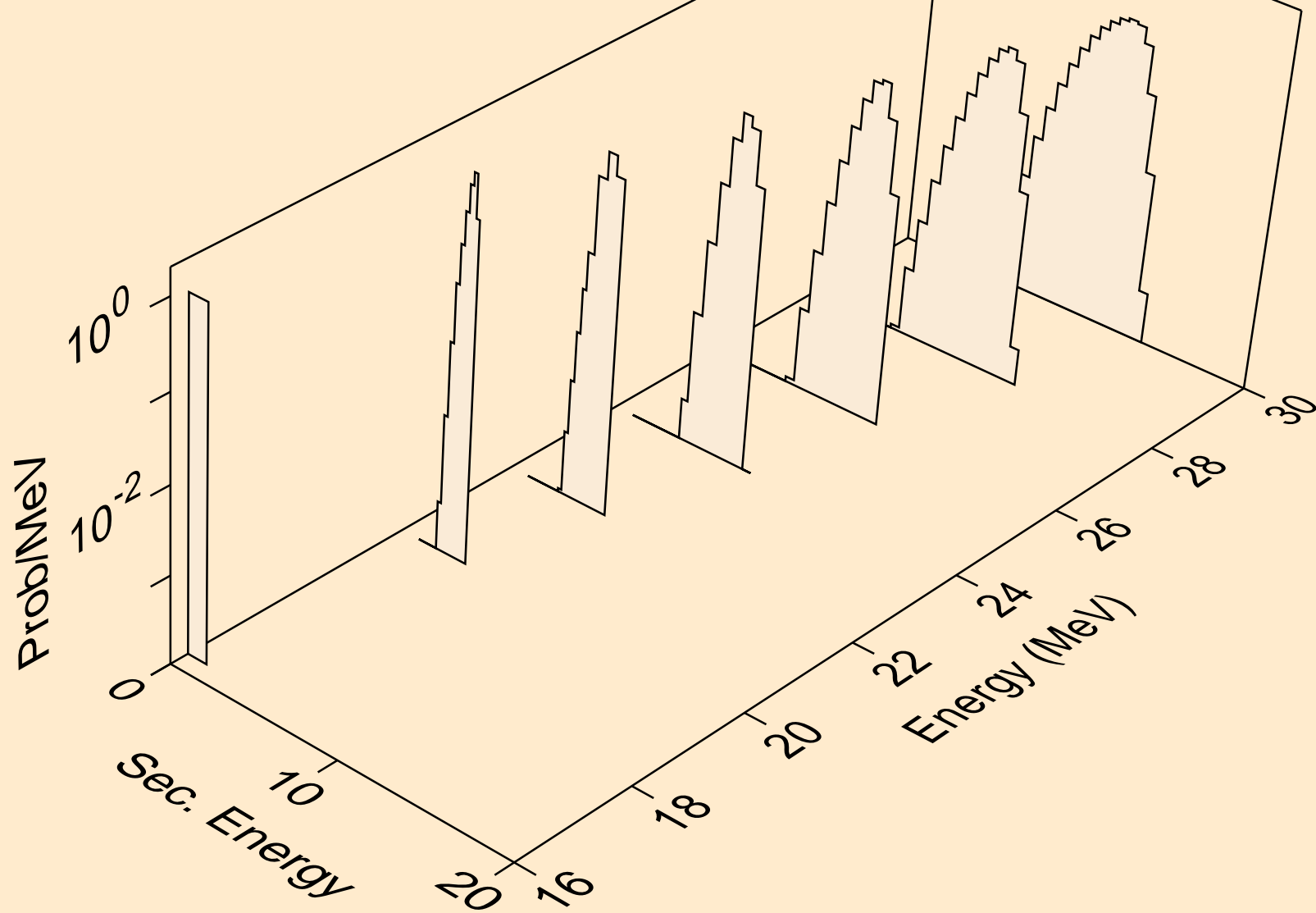
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protons from (n,p)



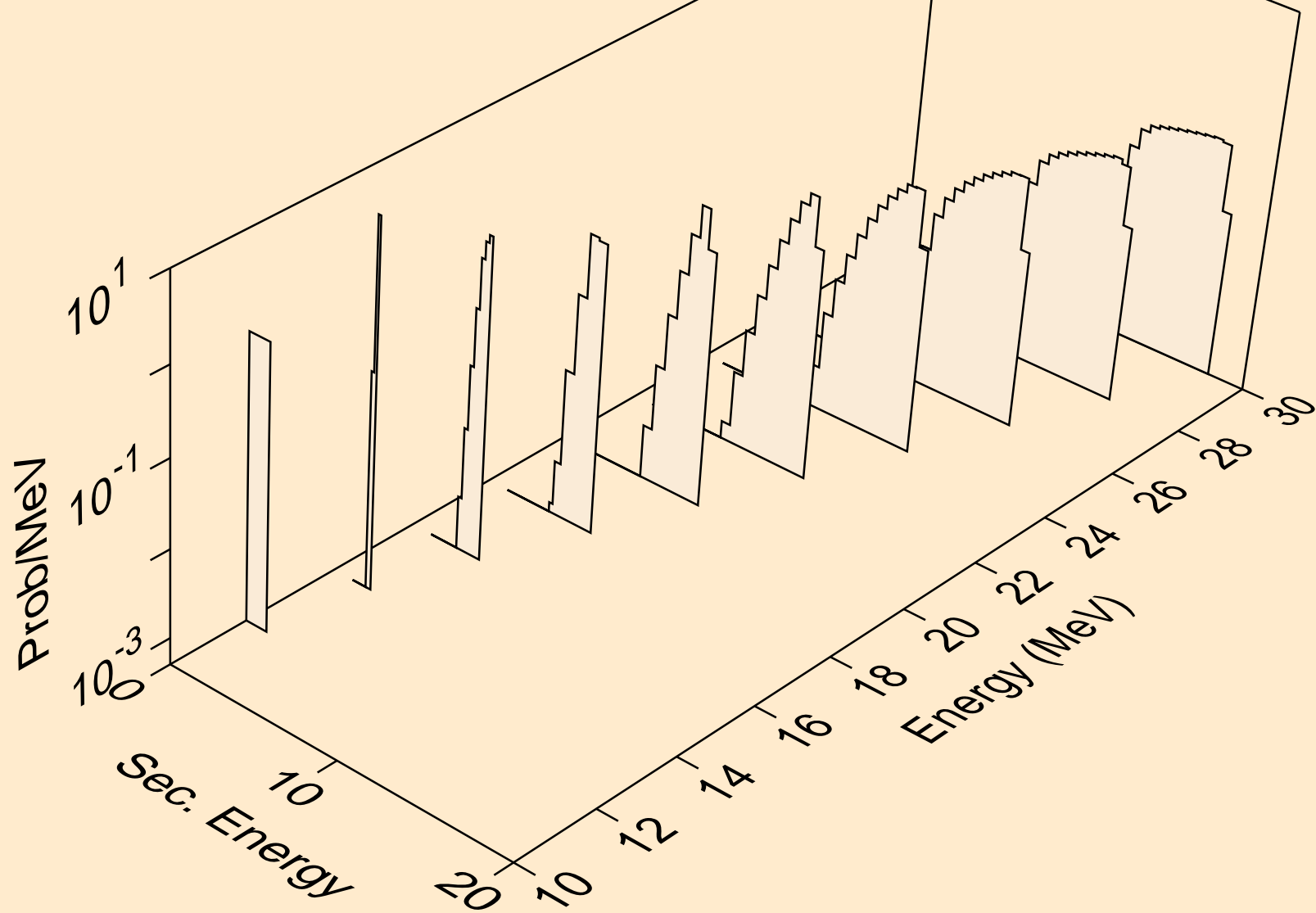
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deuterons from (n,x)



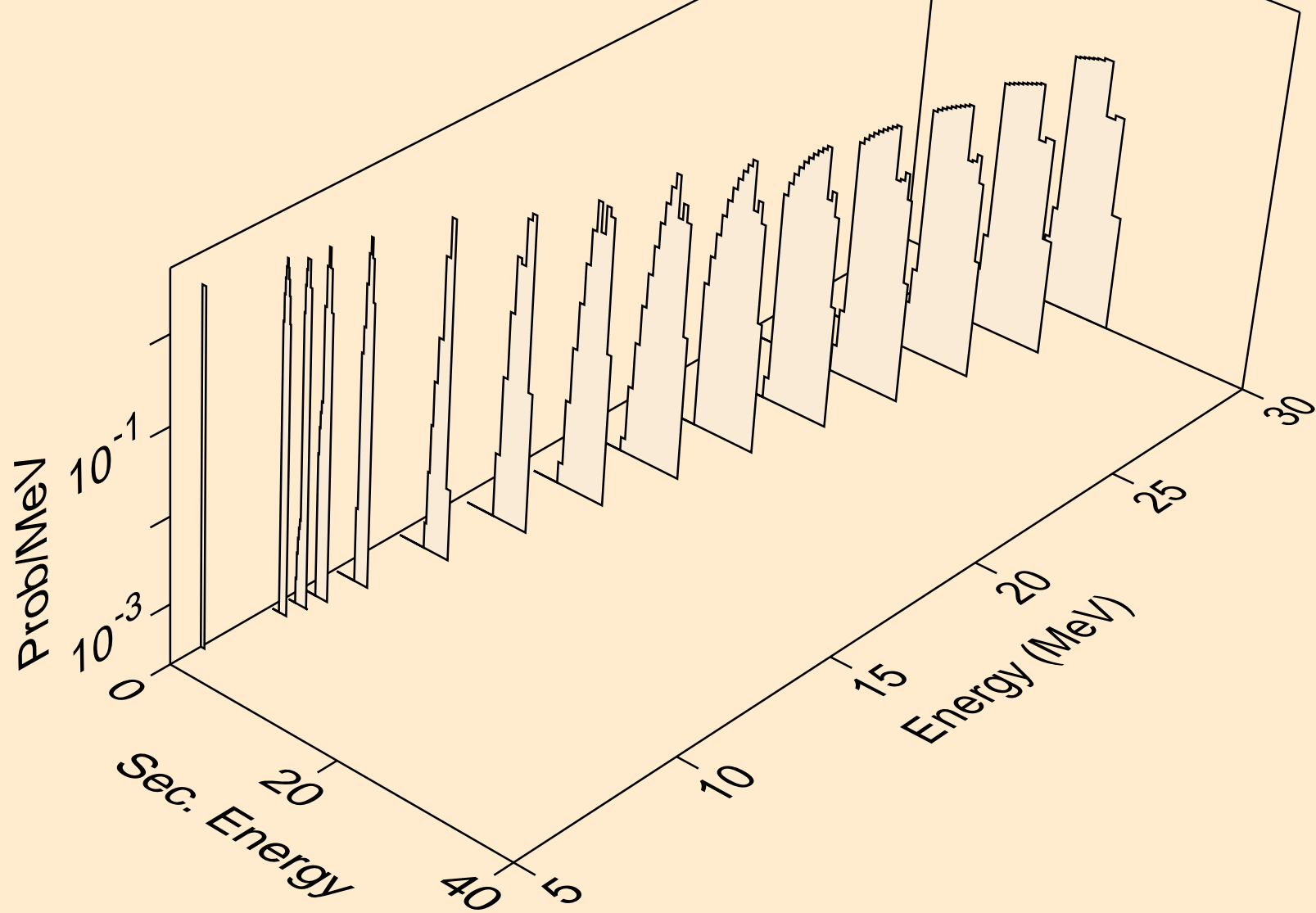
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deuterons from (n,2nd)



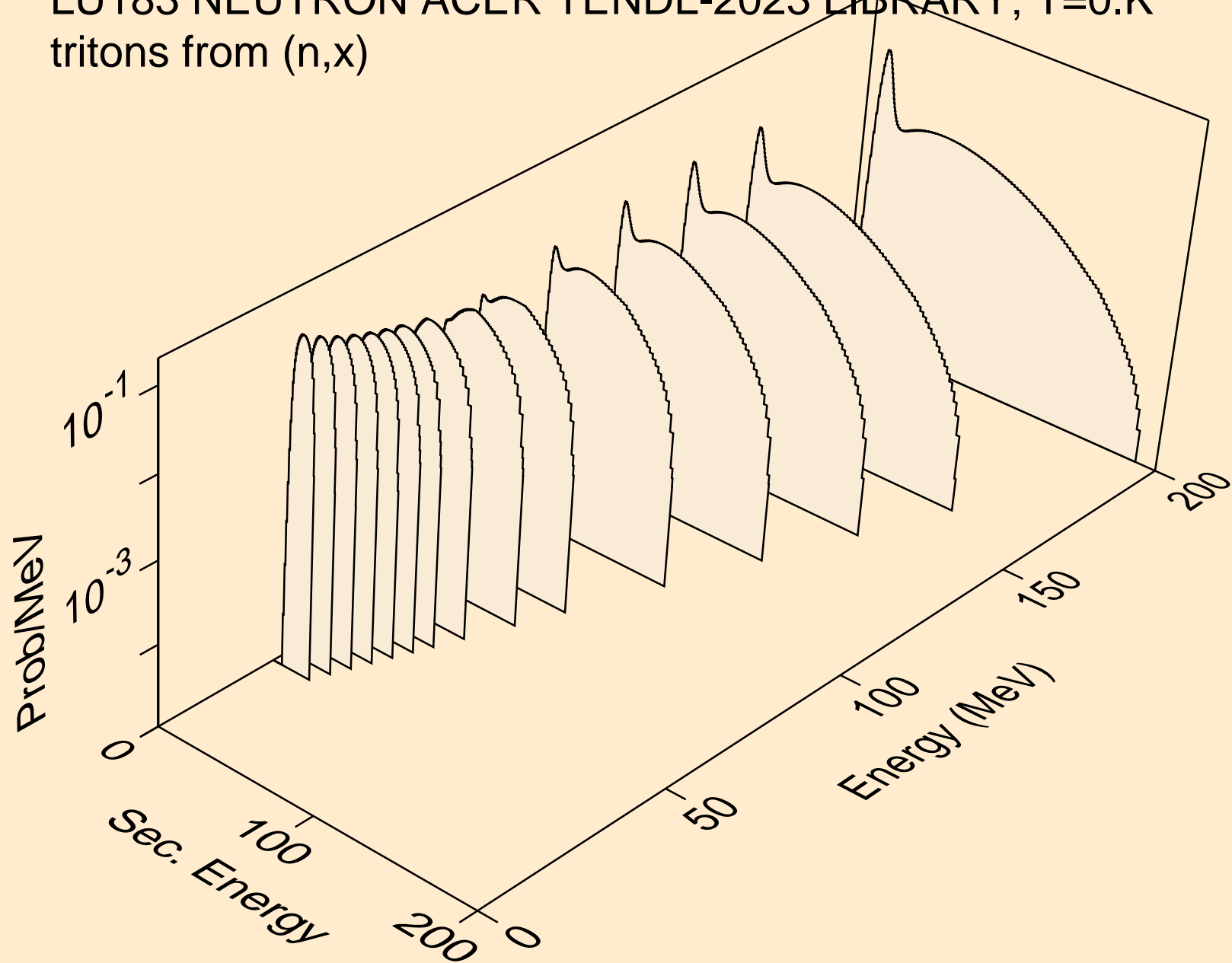
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deuterons from (n,n\*)d



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deuterons from (n,d)

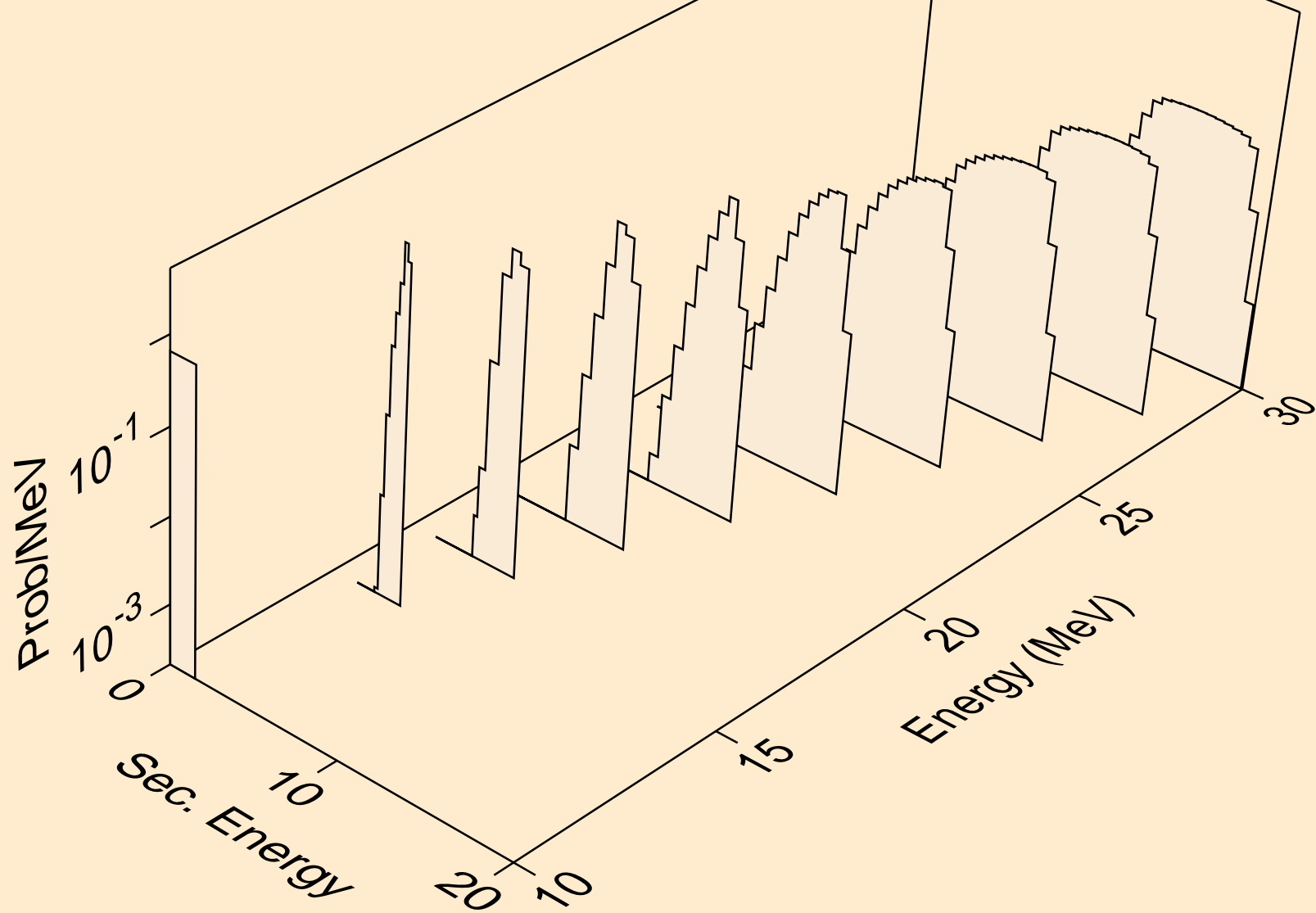


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tritons from (n,x)

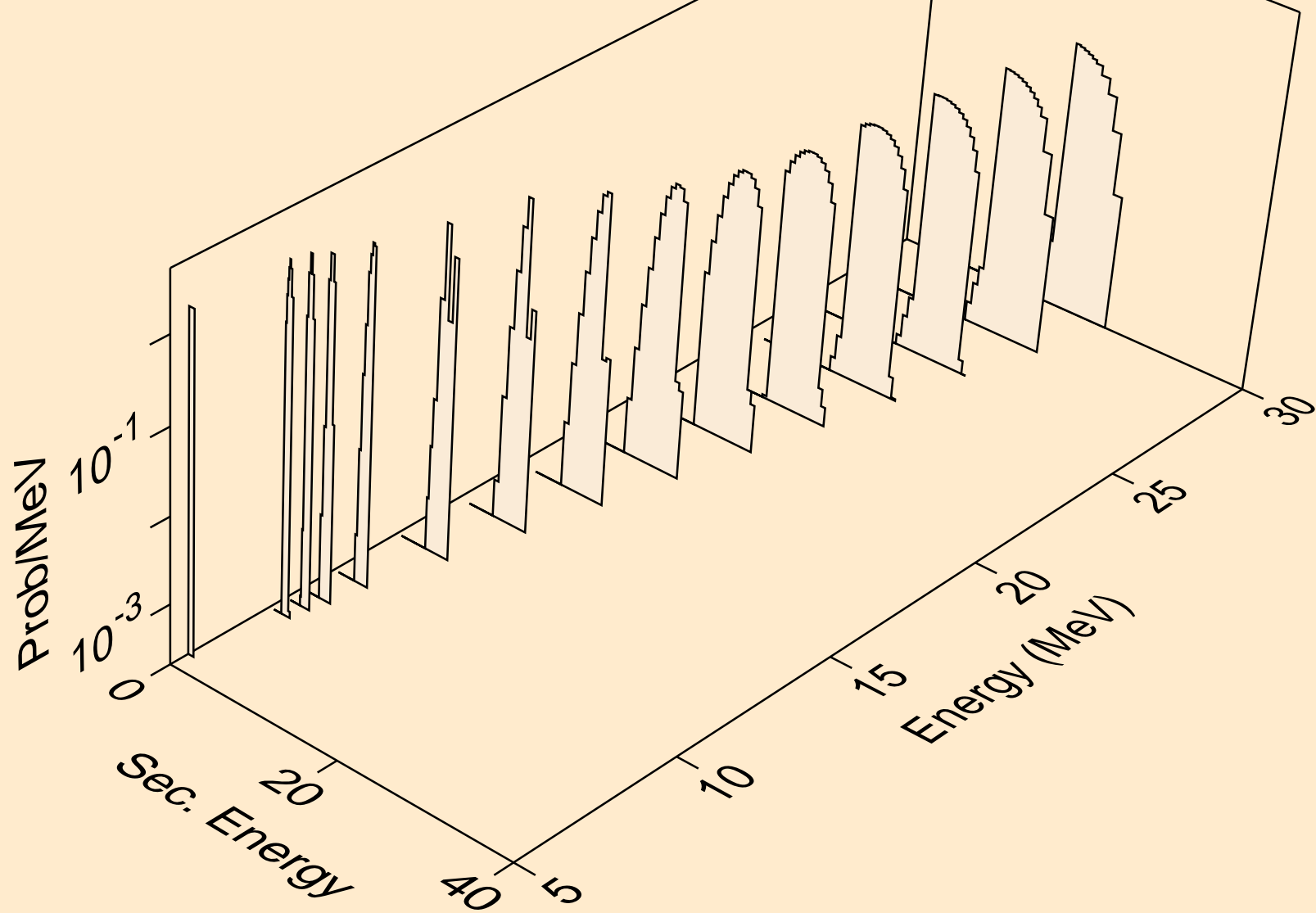




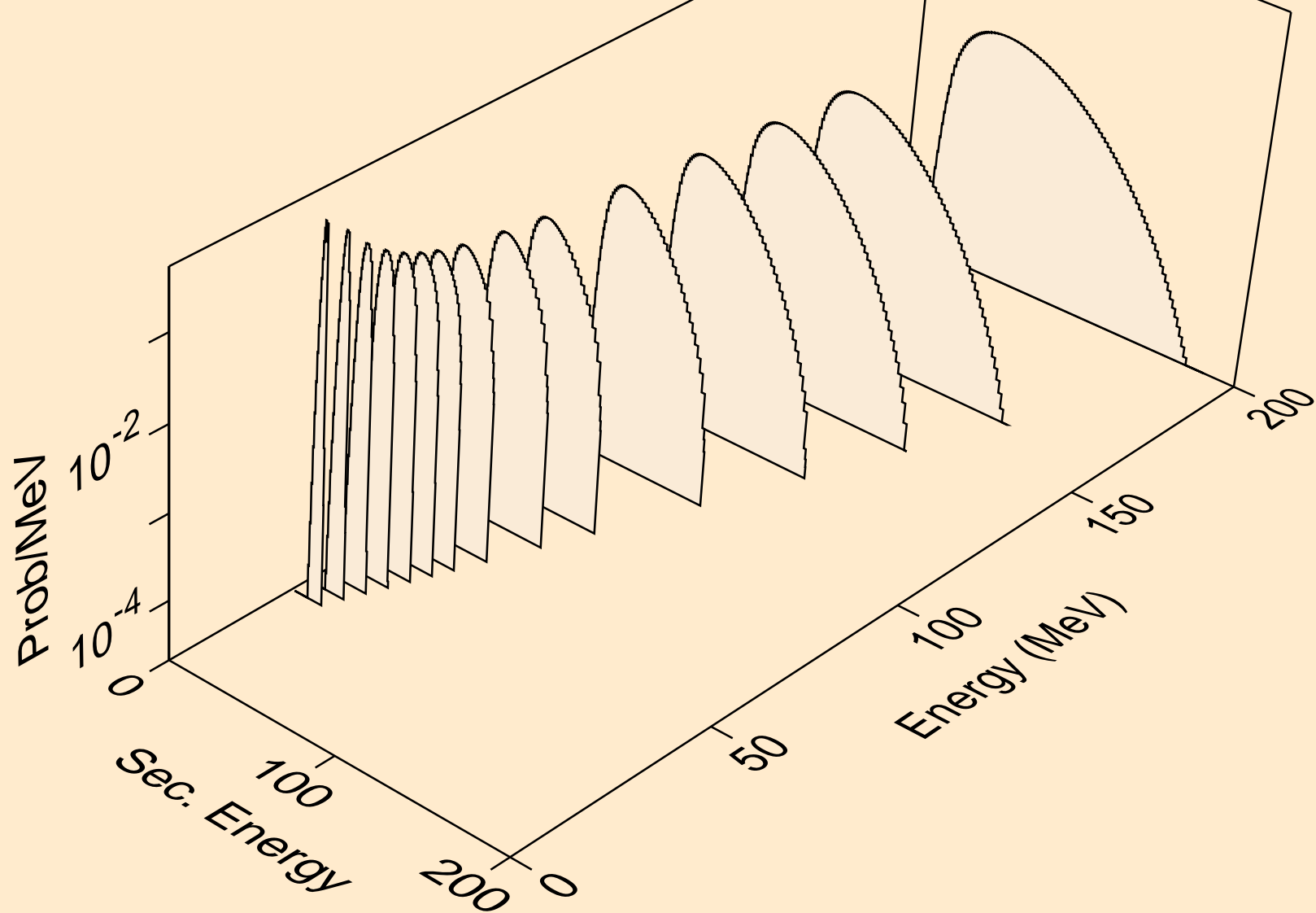
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tritons from (n,n\*)t



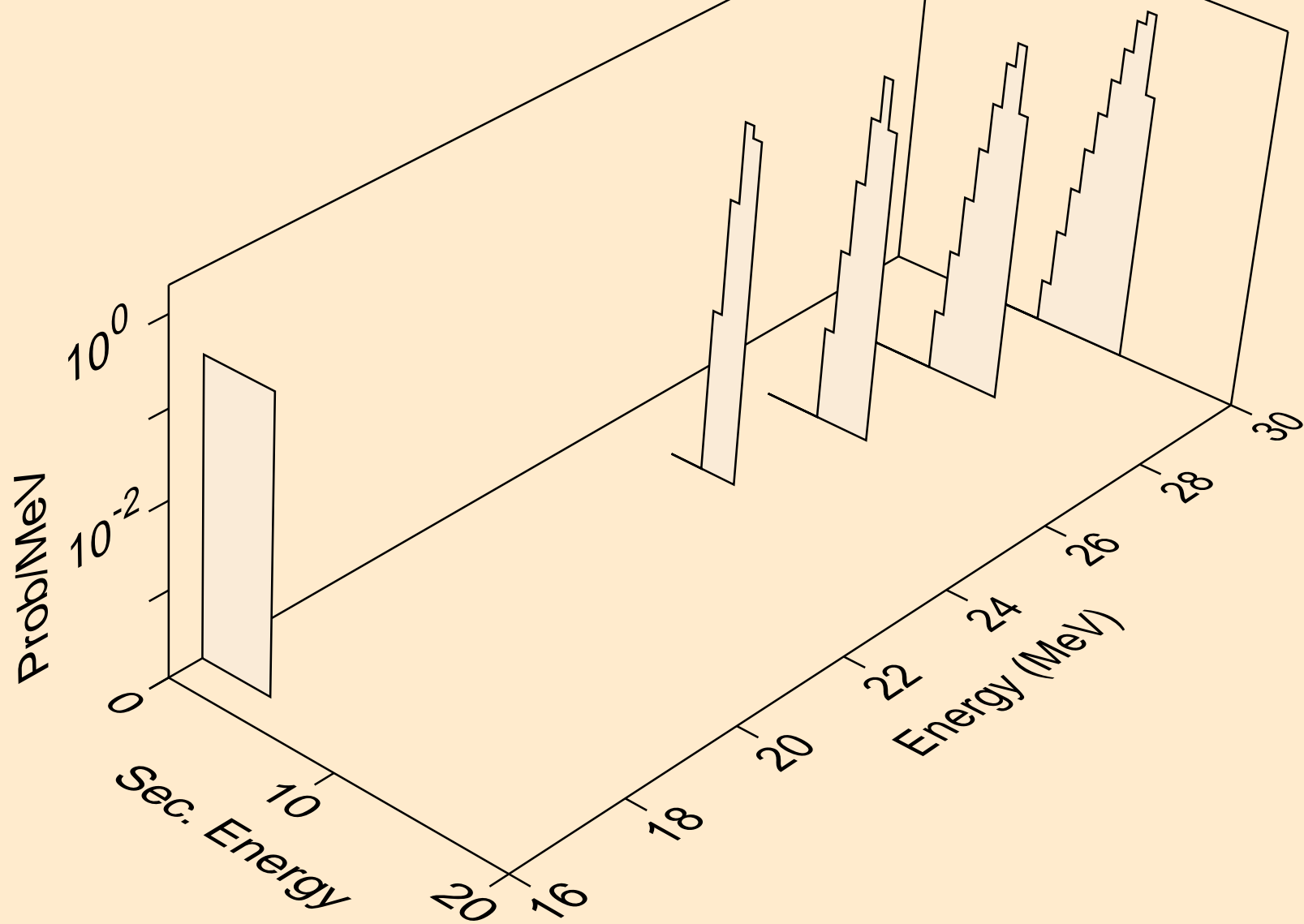
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tritons from (n,t)



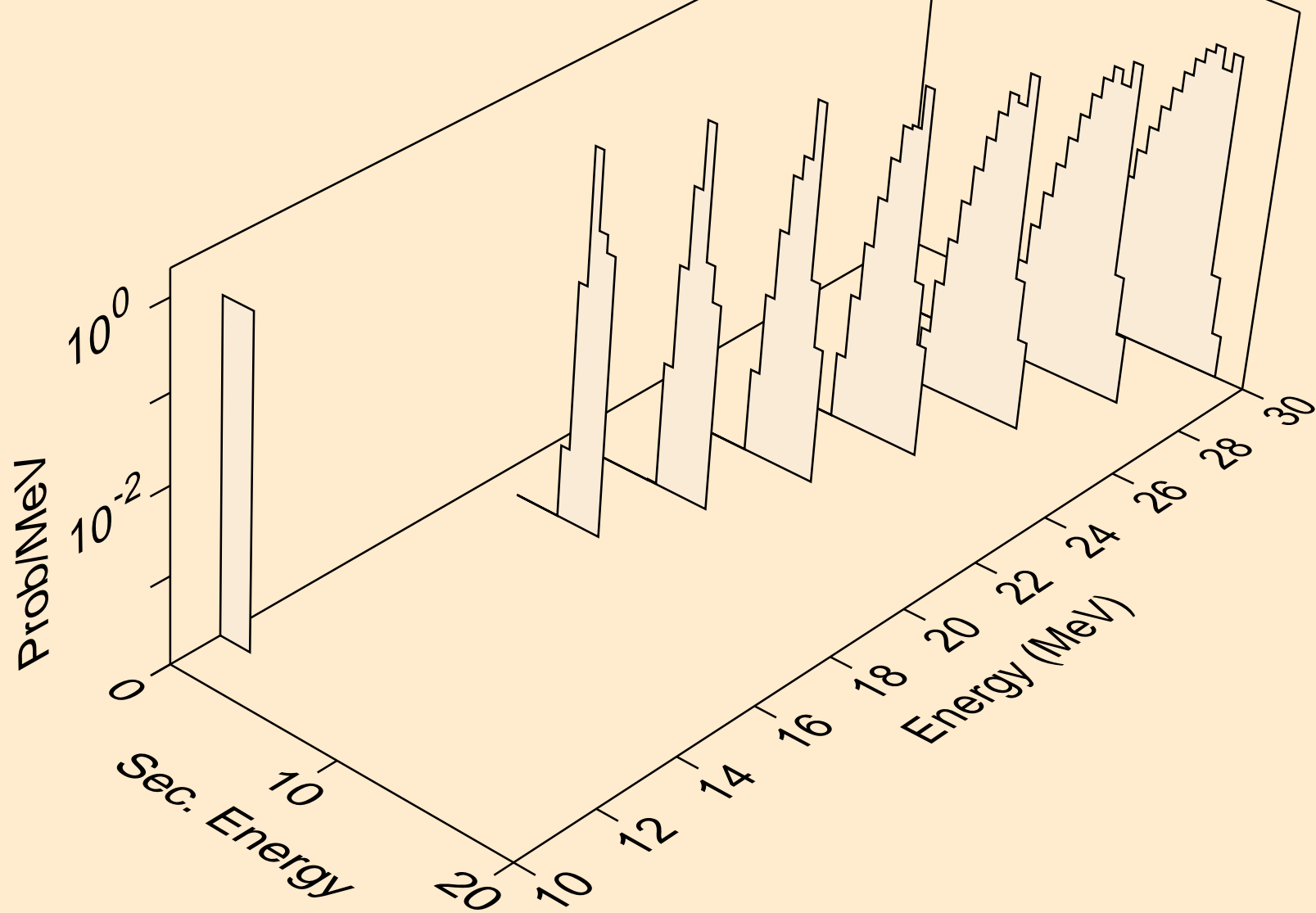
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he3s from (n,x)



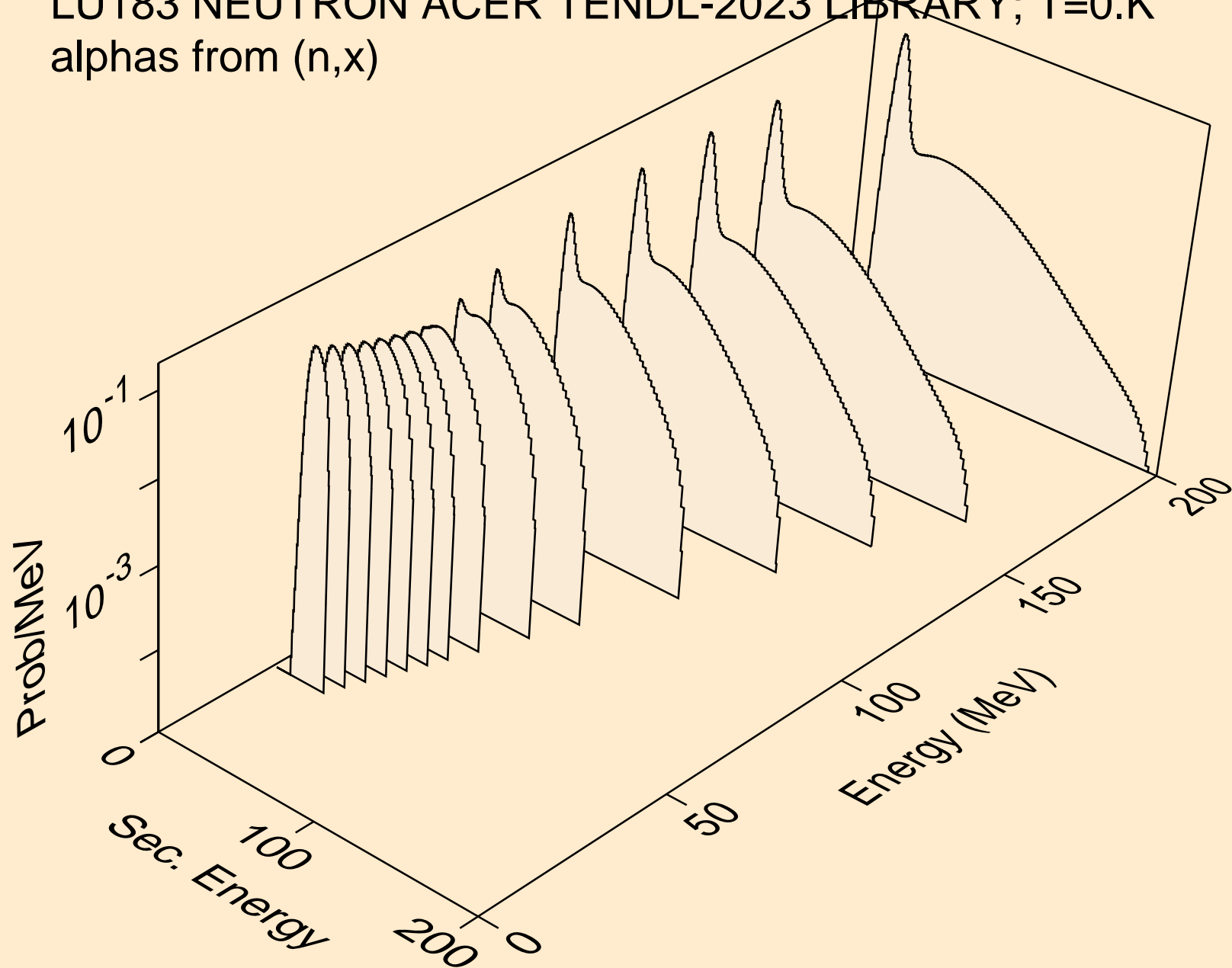
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he3s from (n,n\*)he3



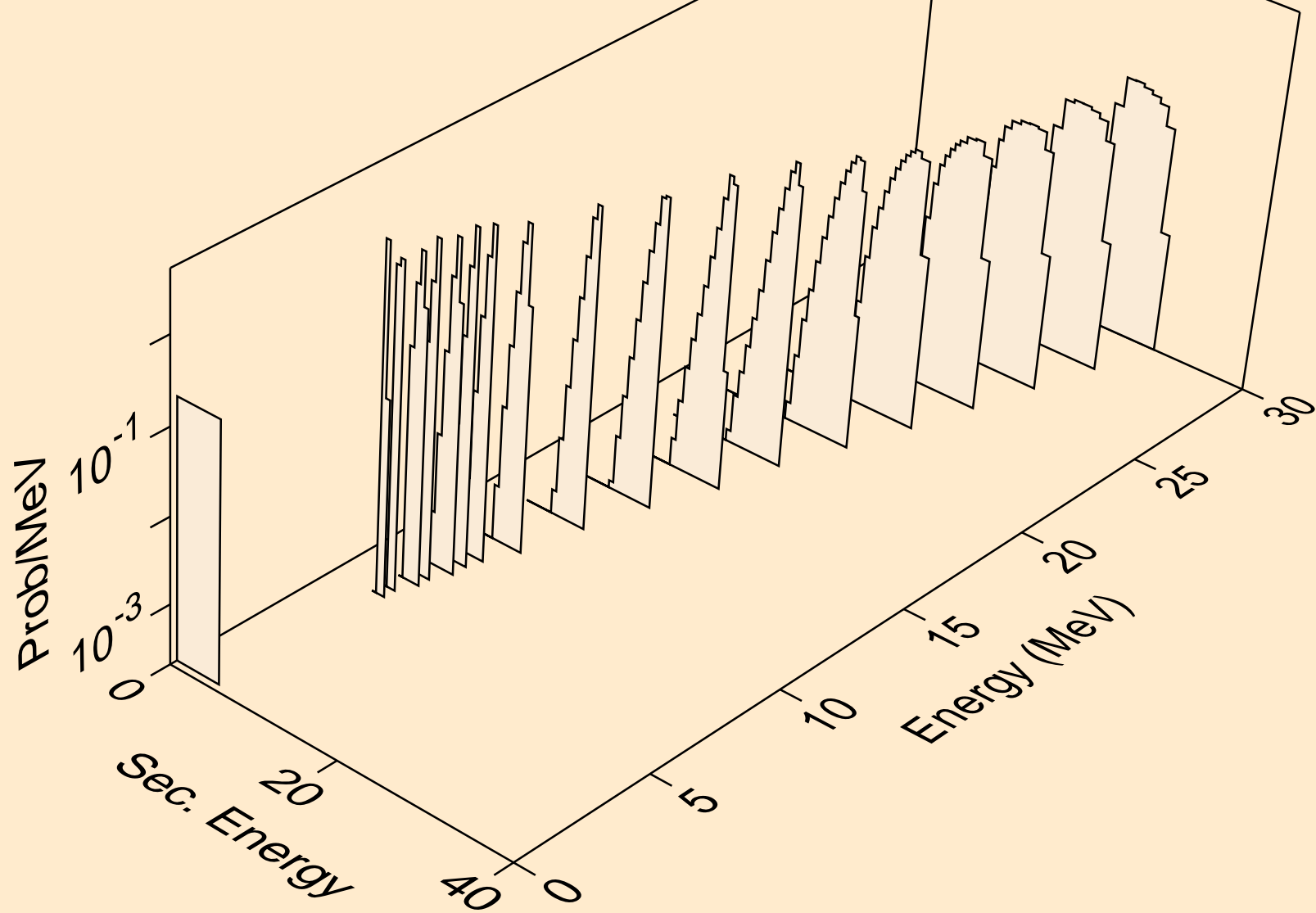
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he3s from (n,he3)



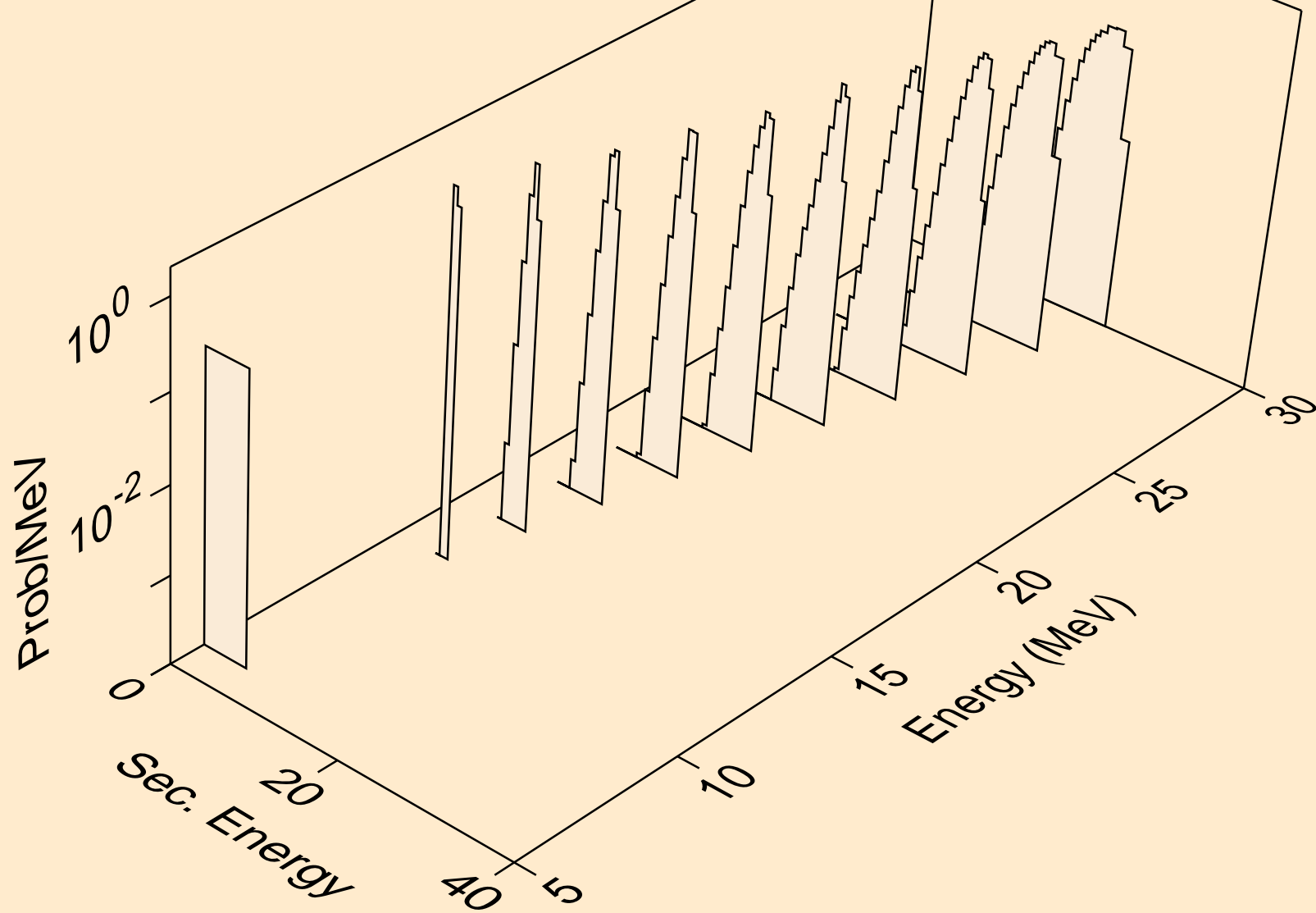
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alphas from (n,x)



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

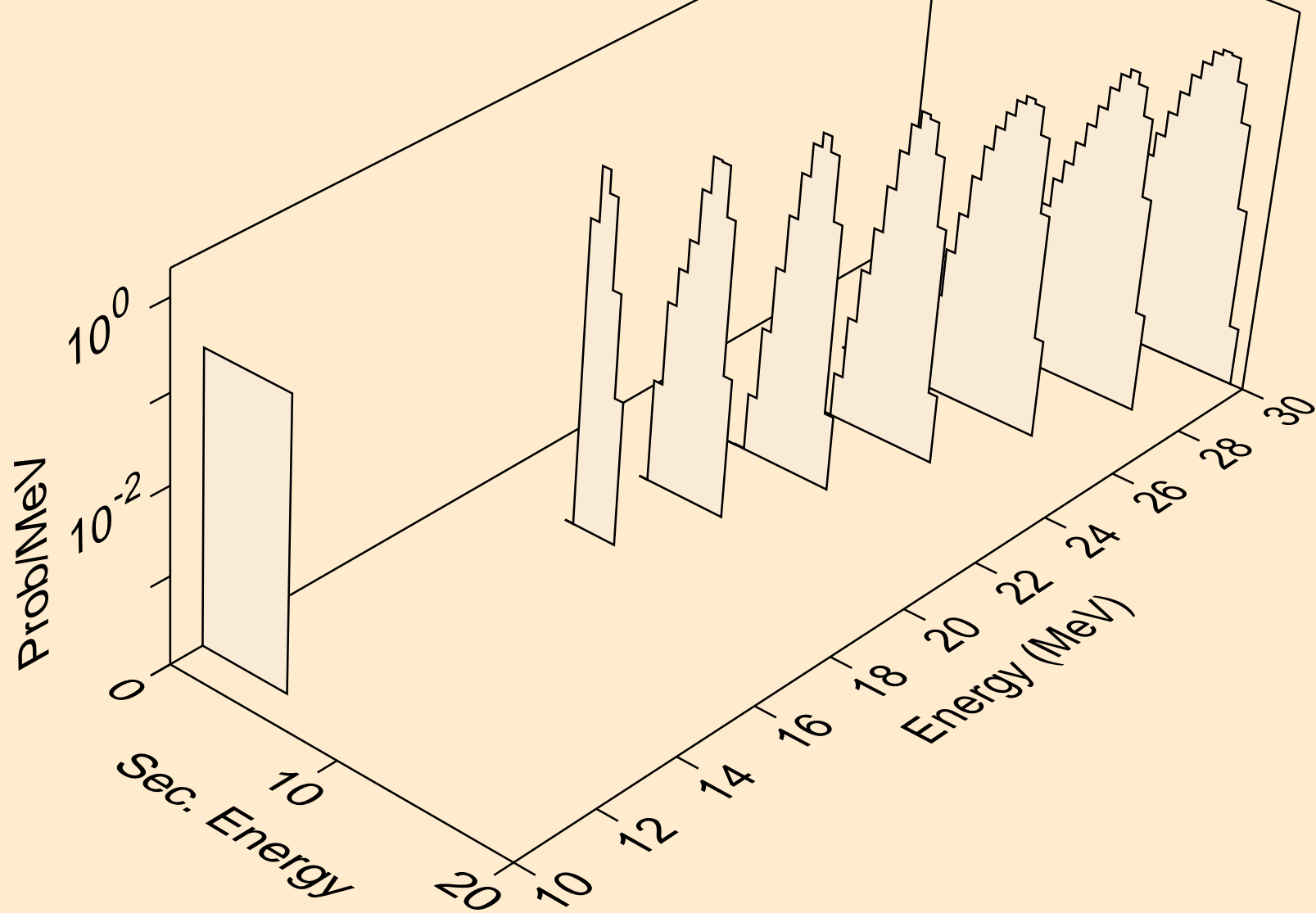


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alphas from (n,2n)a





LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



LU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

