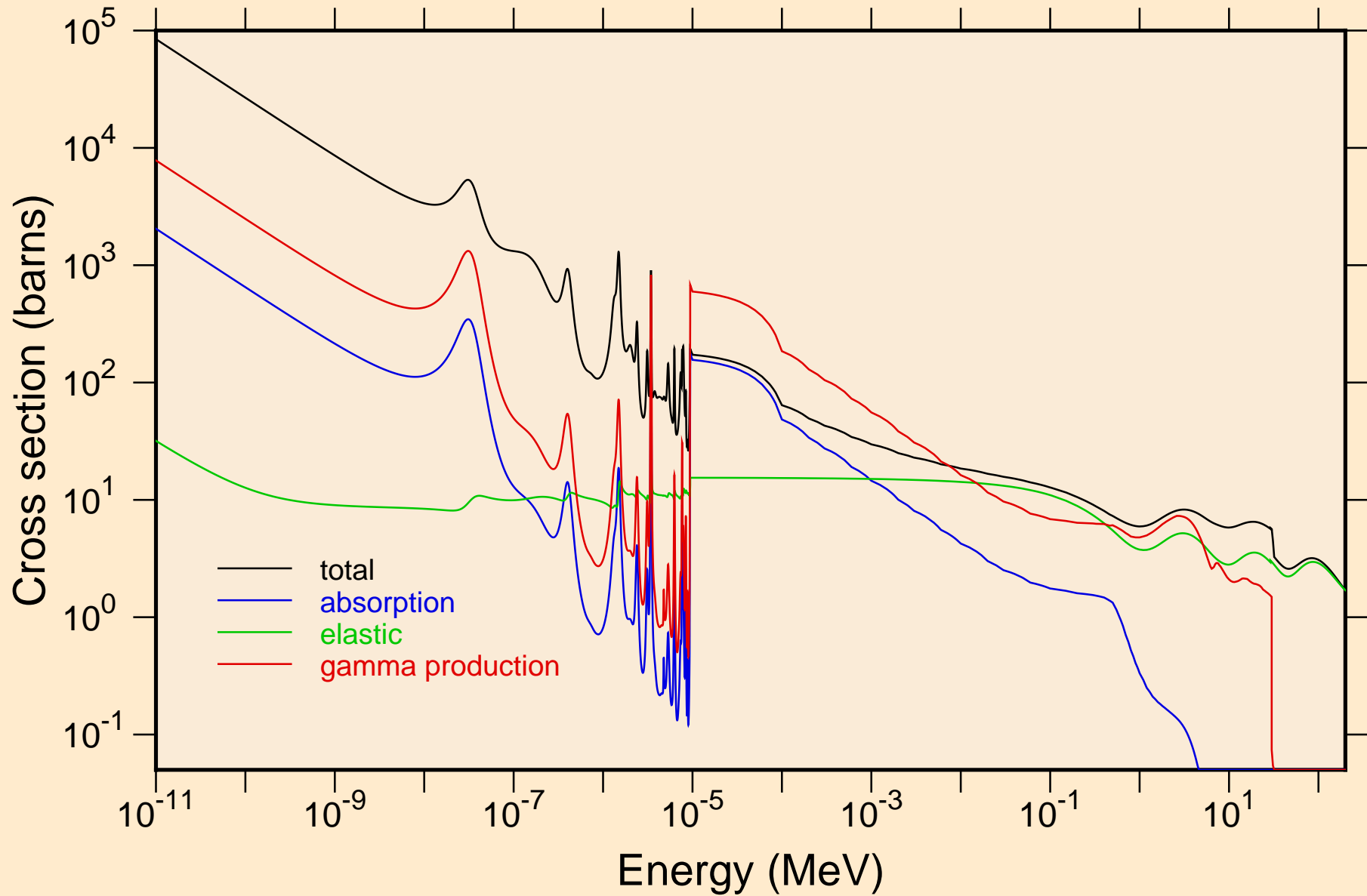
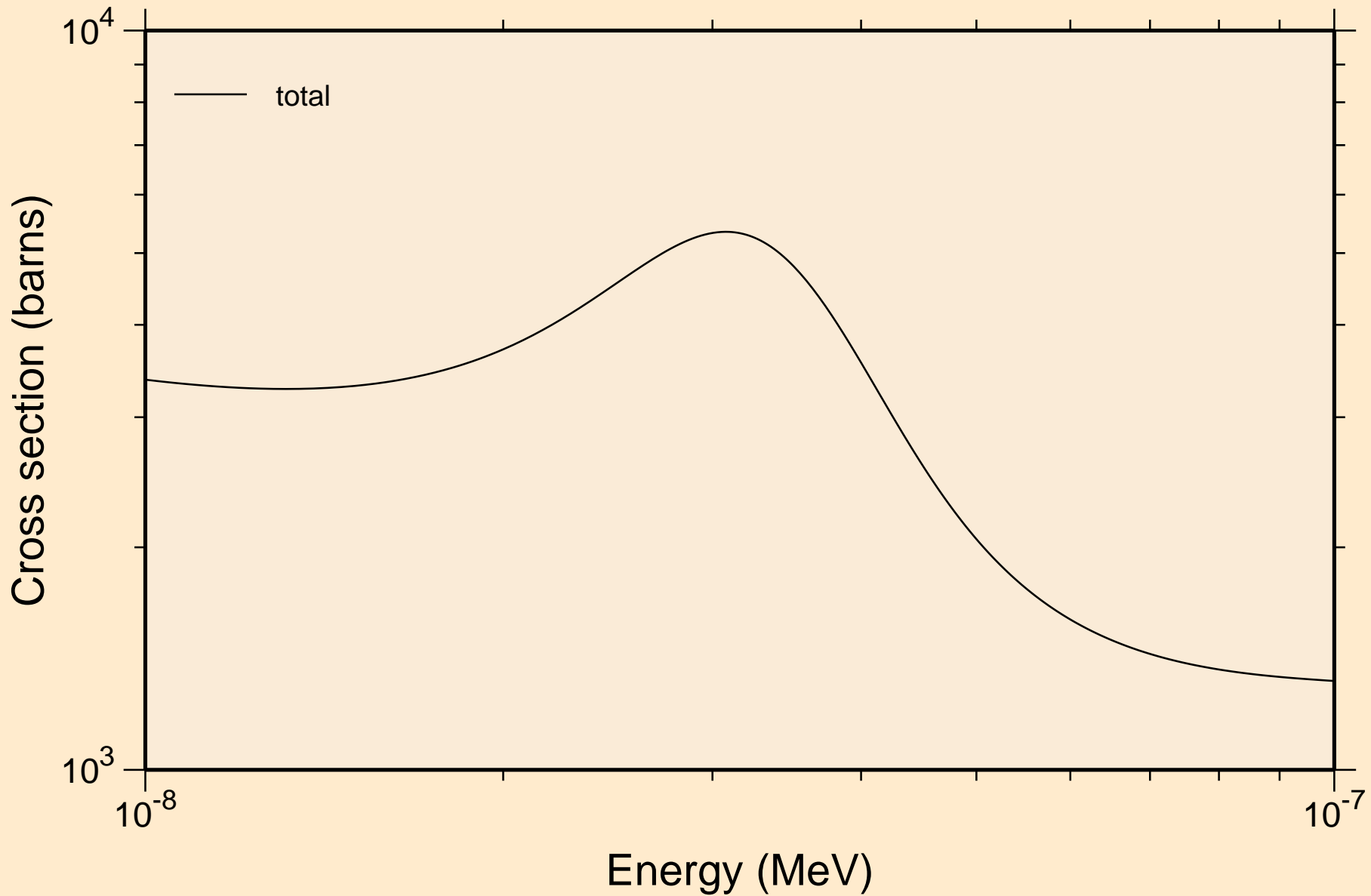


# LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

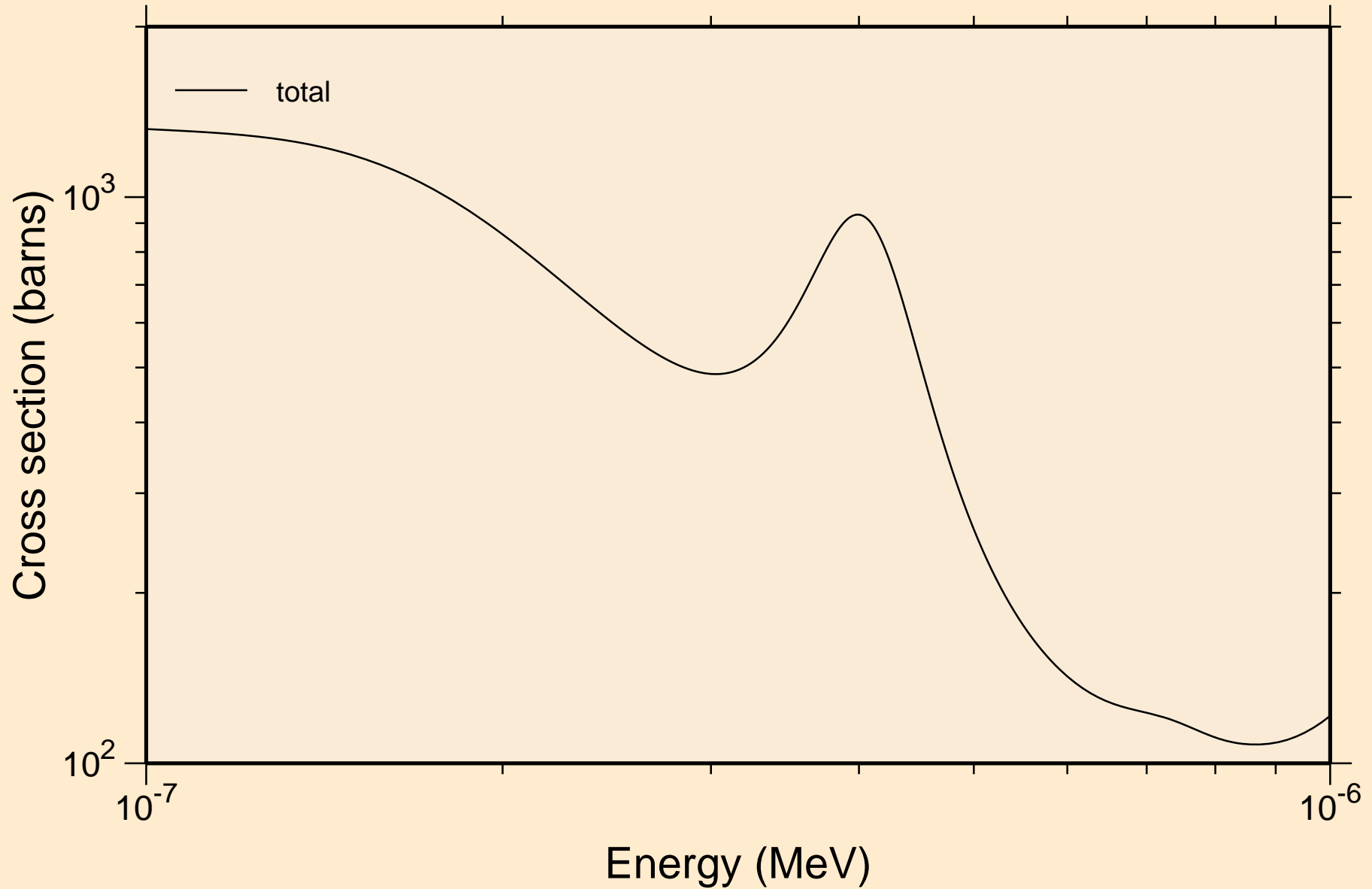
## Principal cross sections



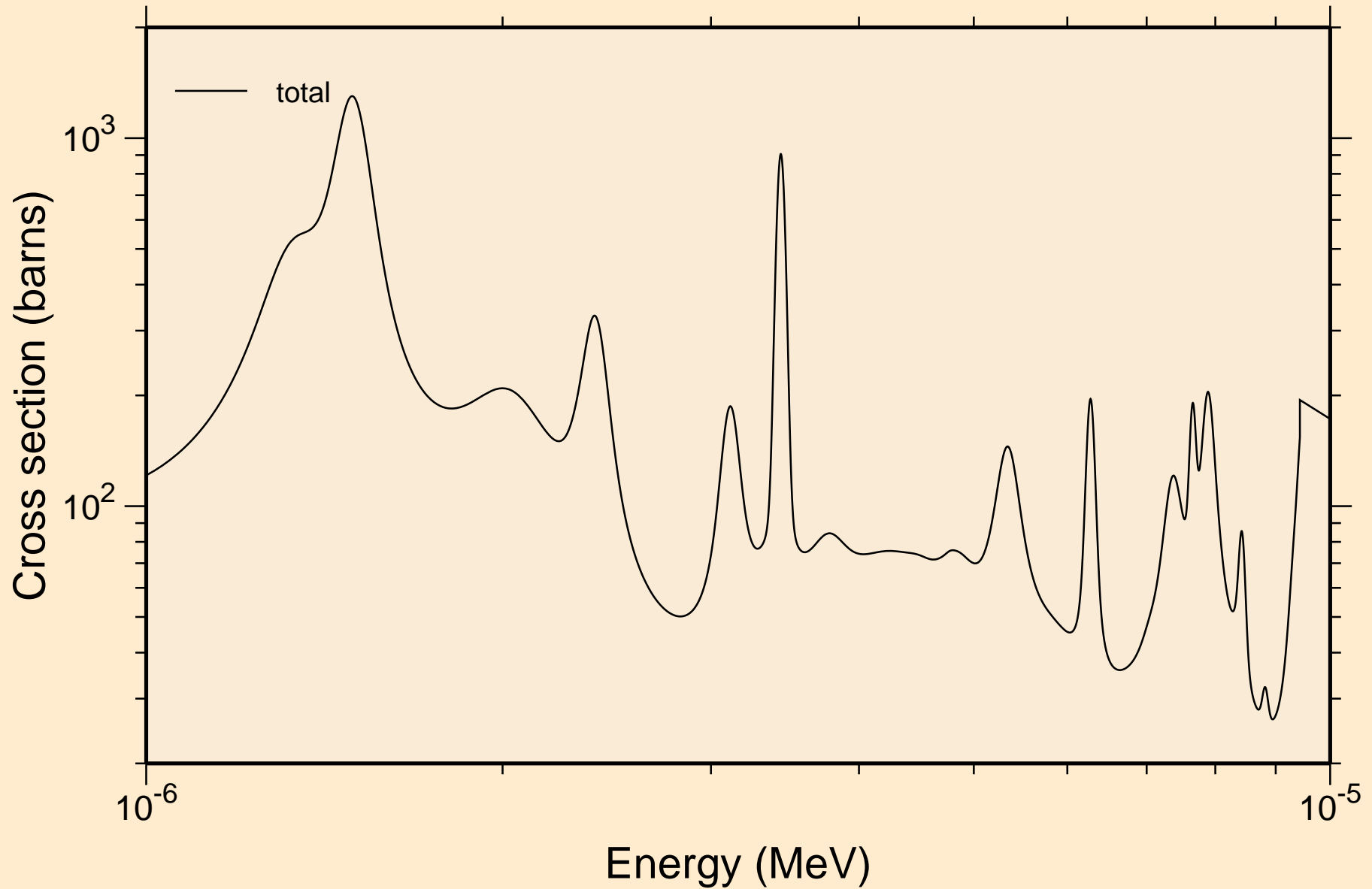
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



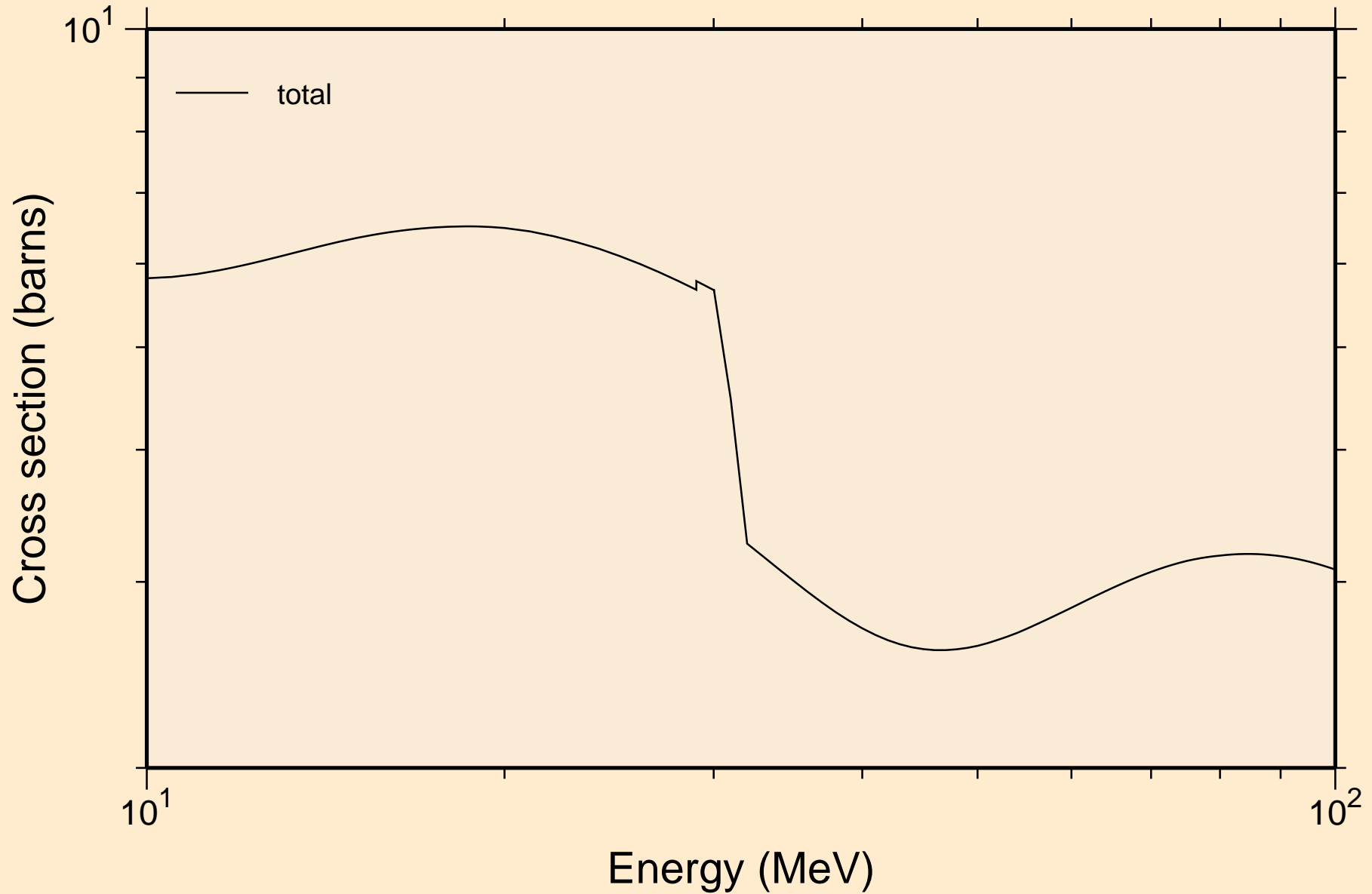
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



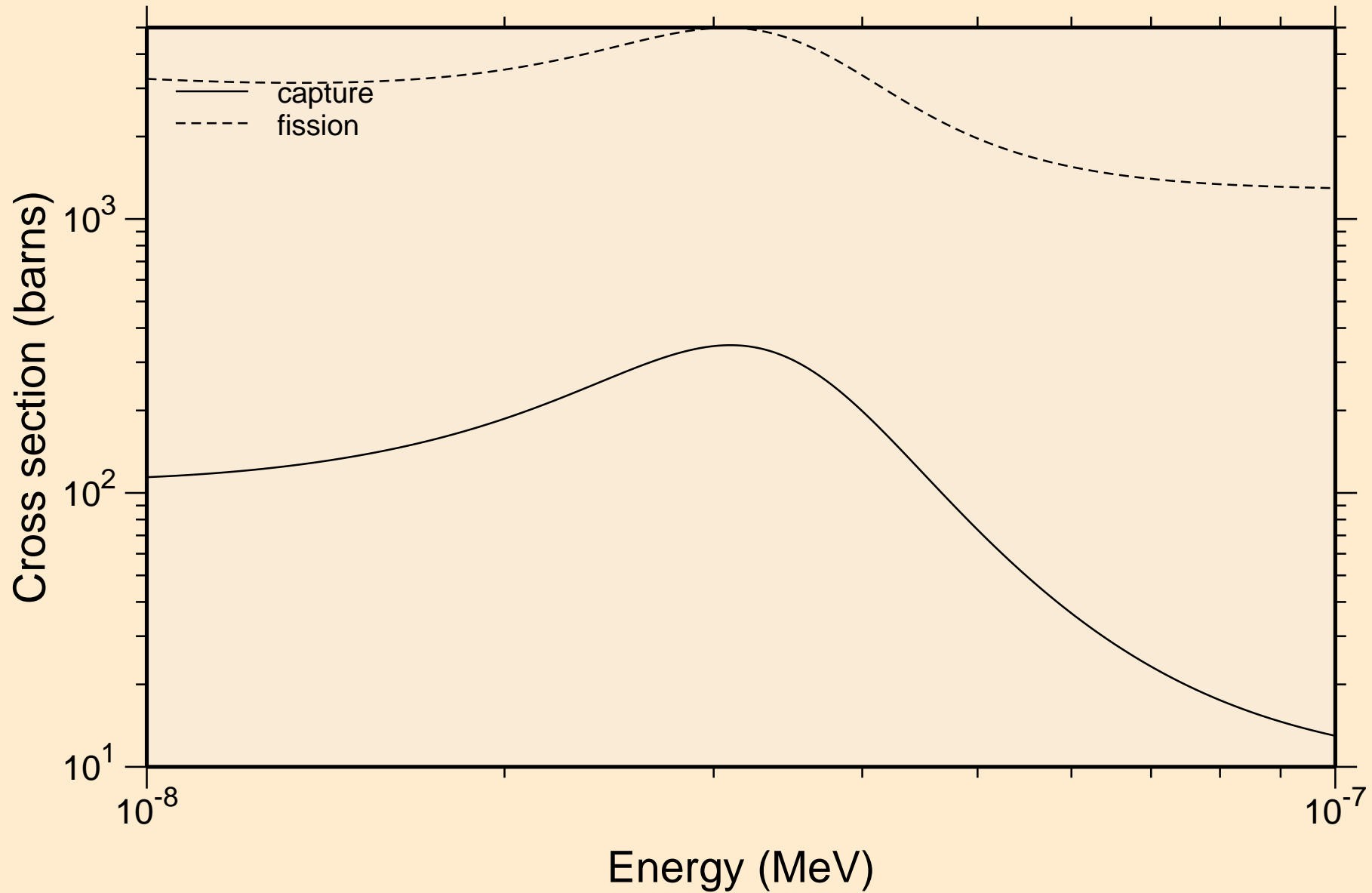
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



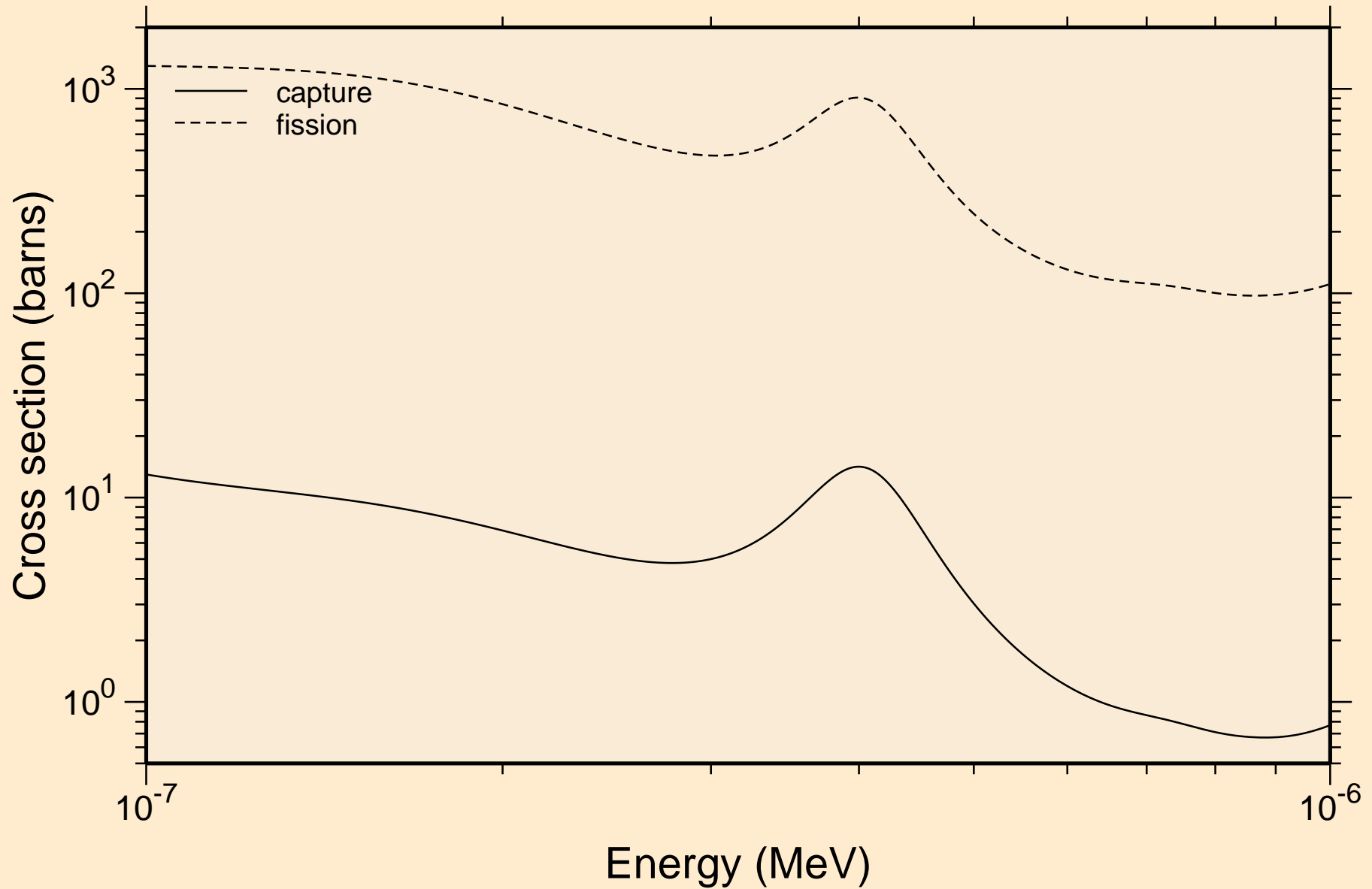
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



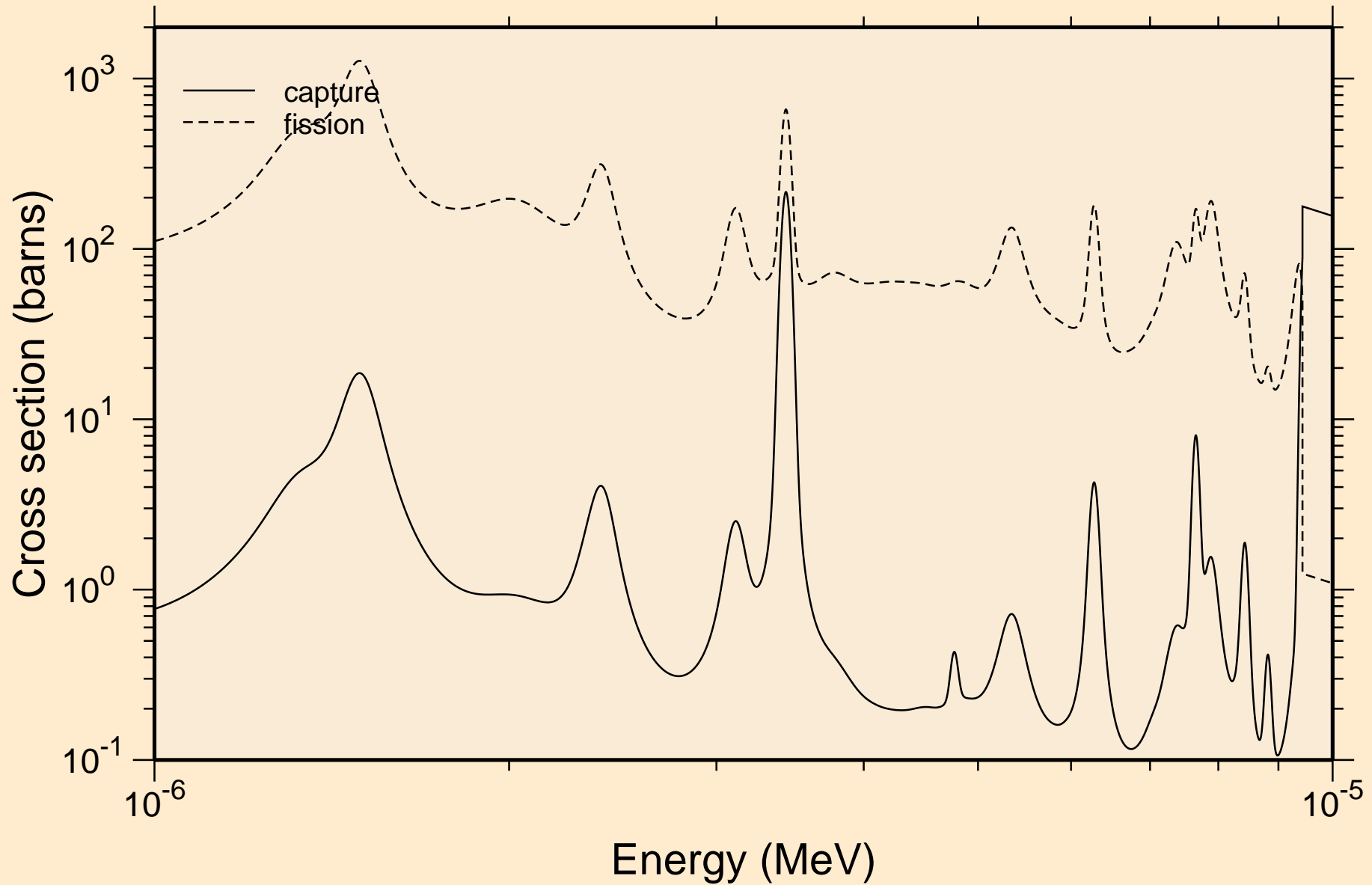
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

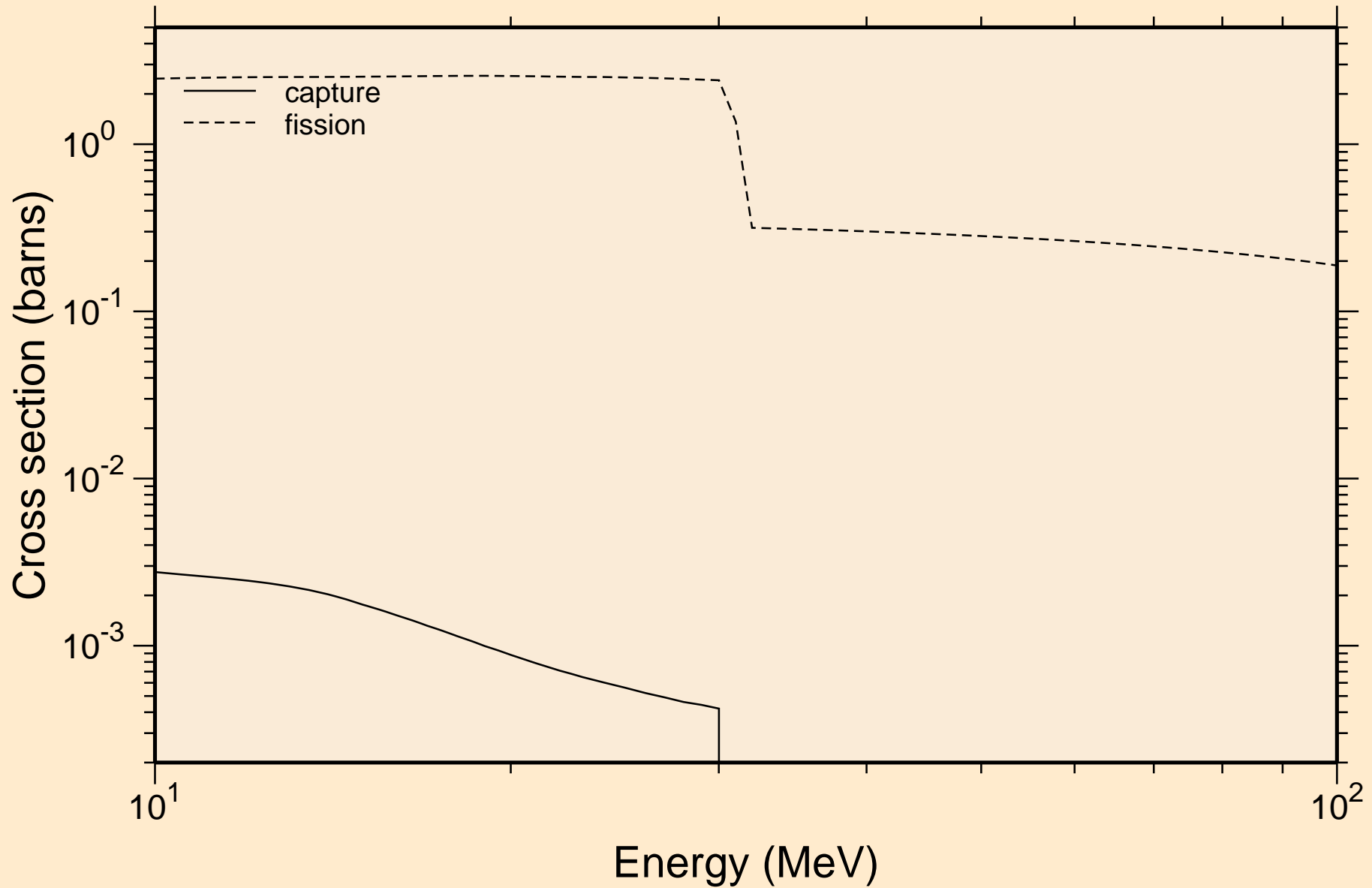


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

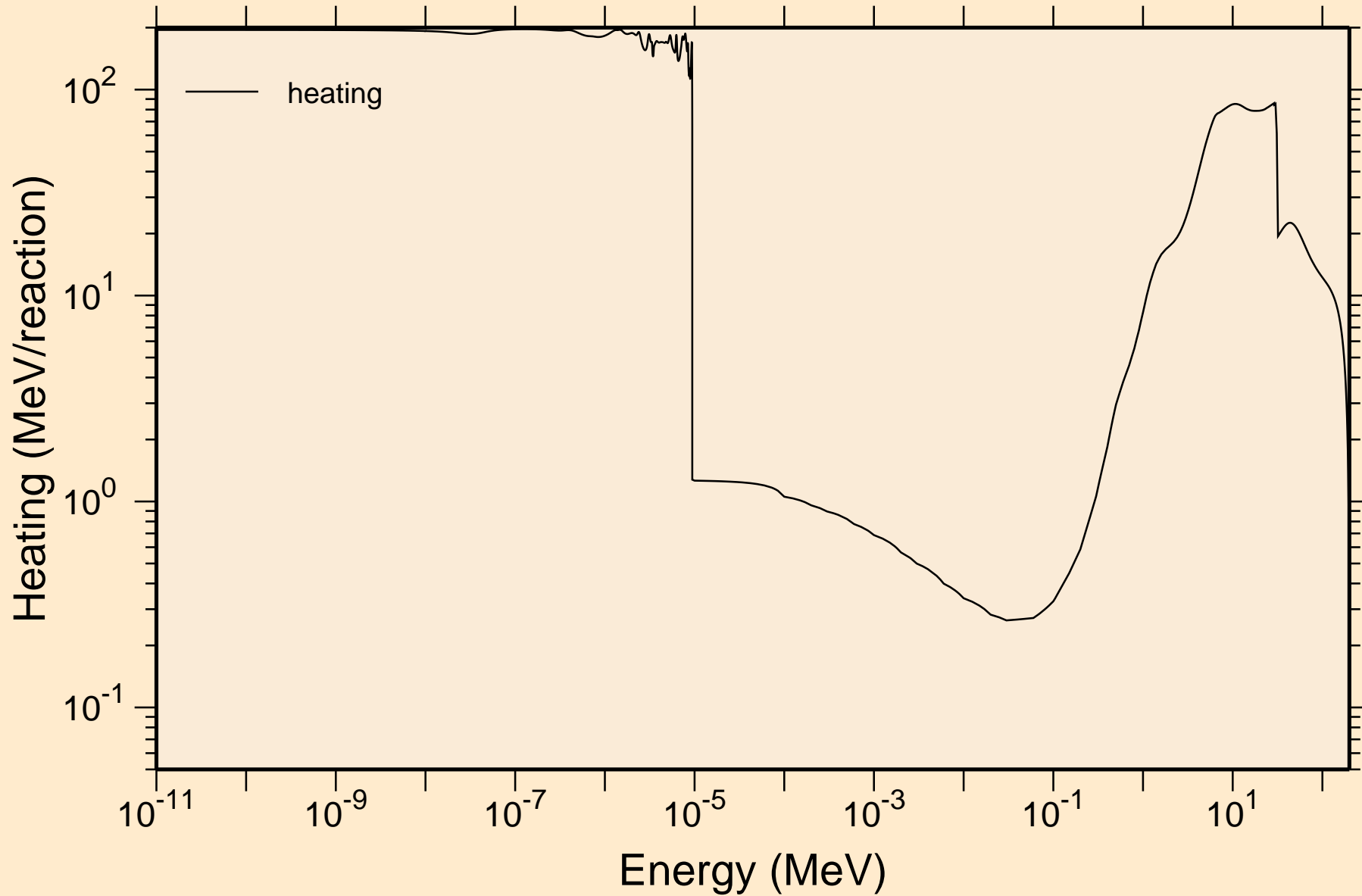




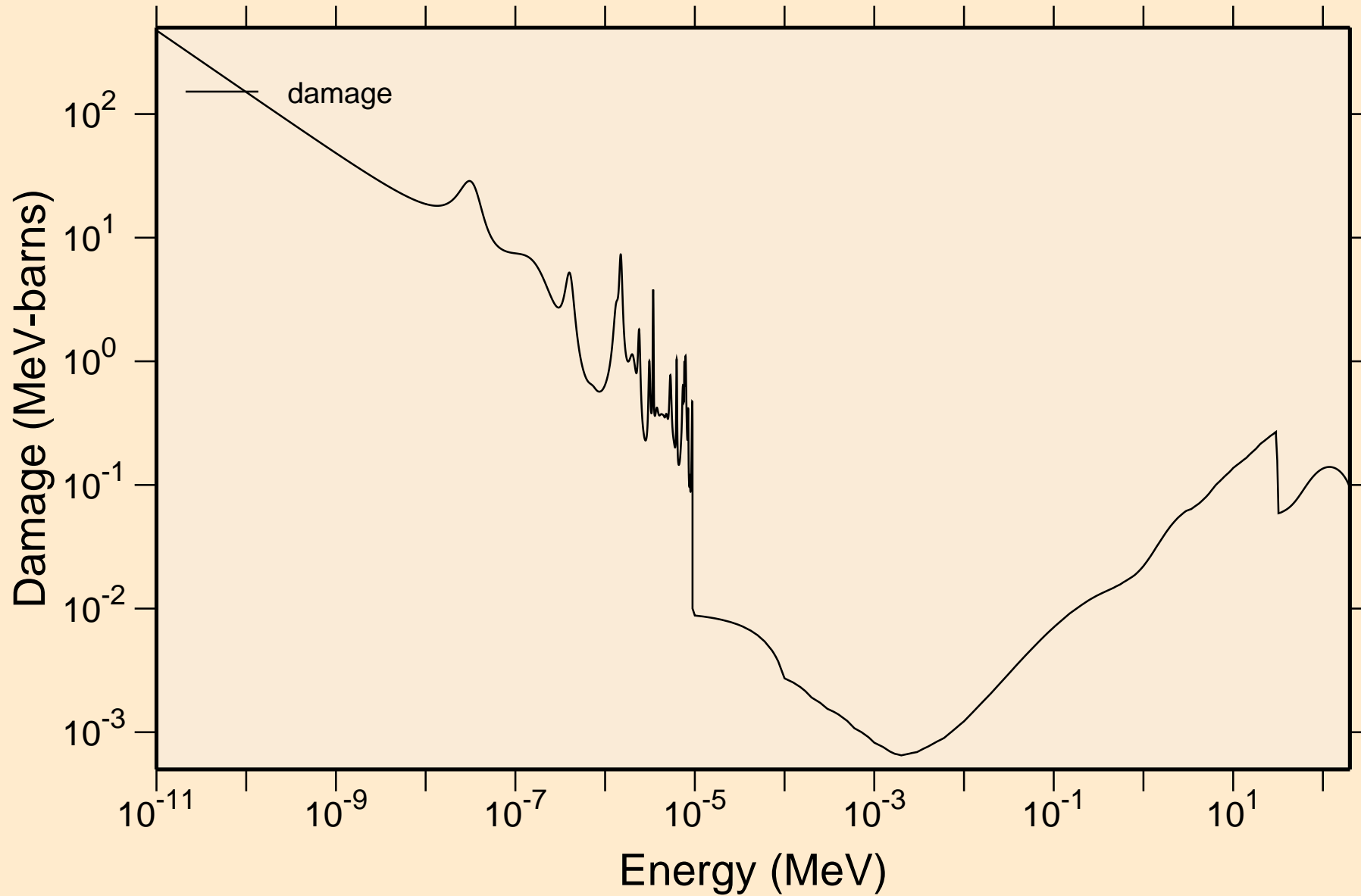
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



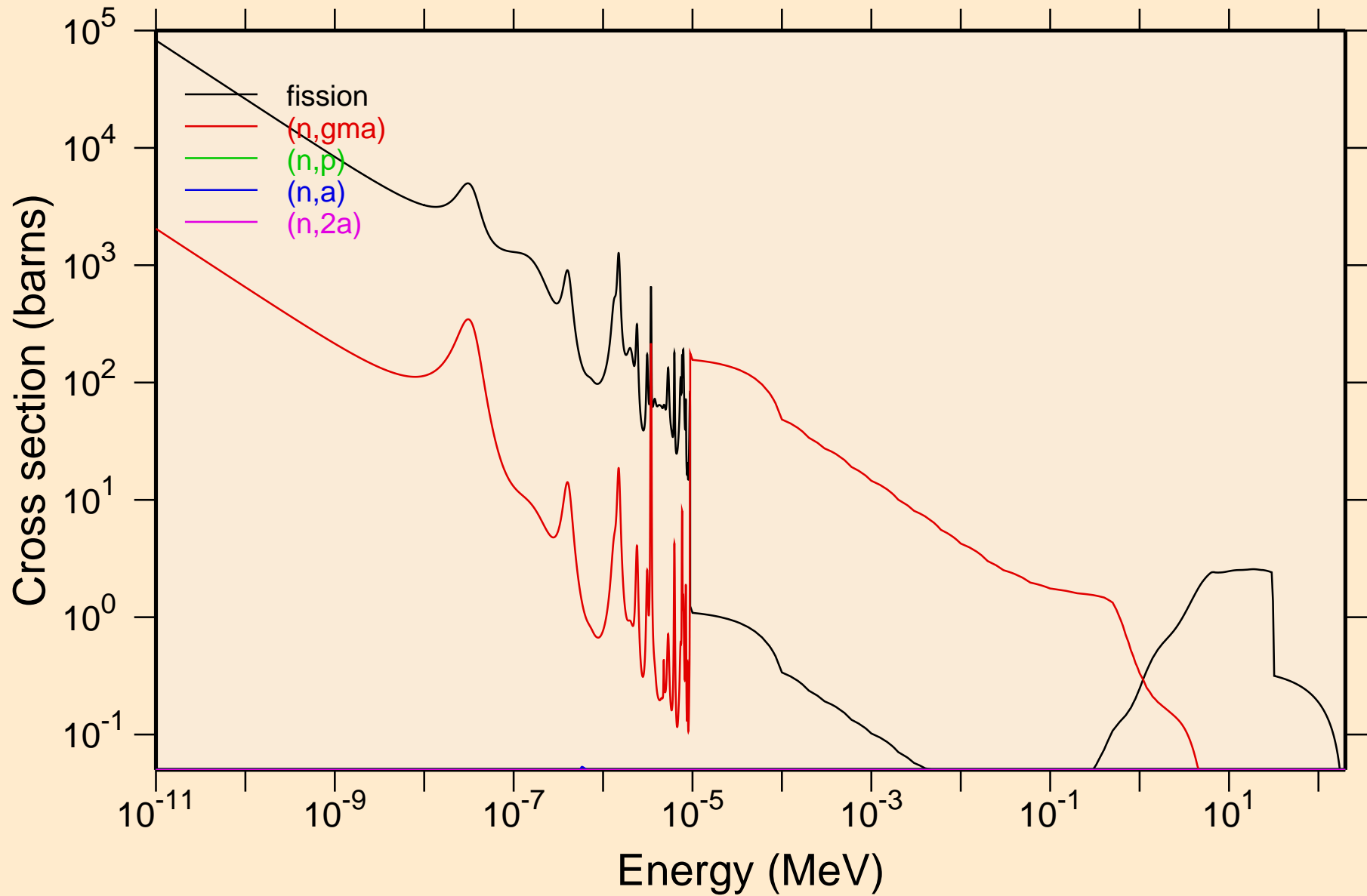
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



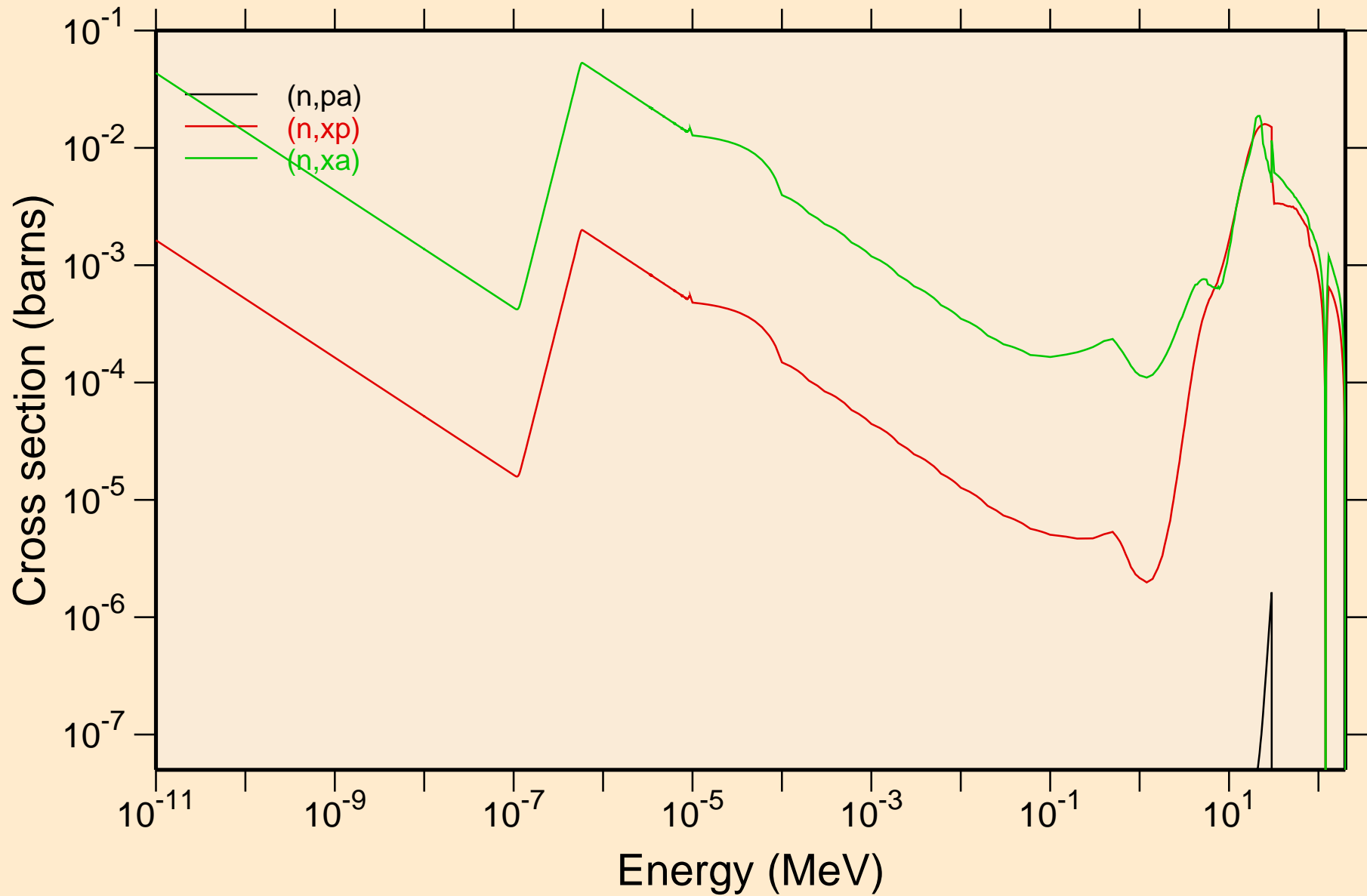
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



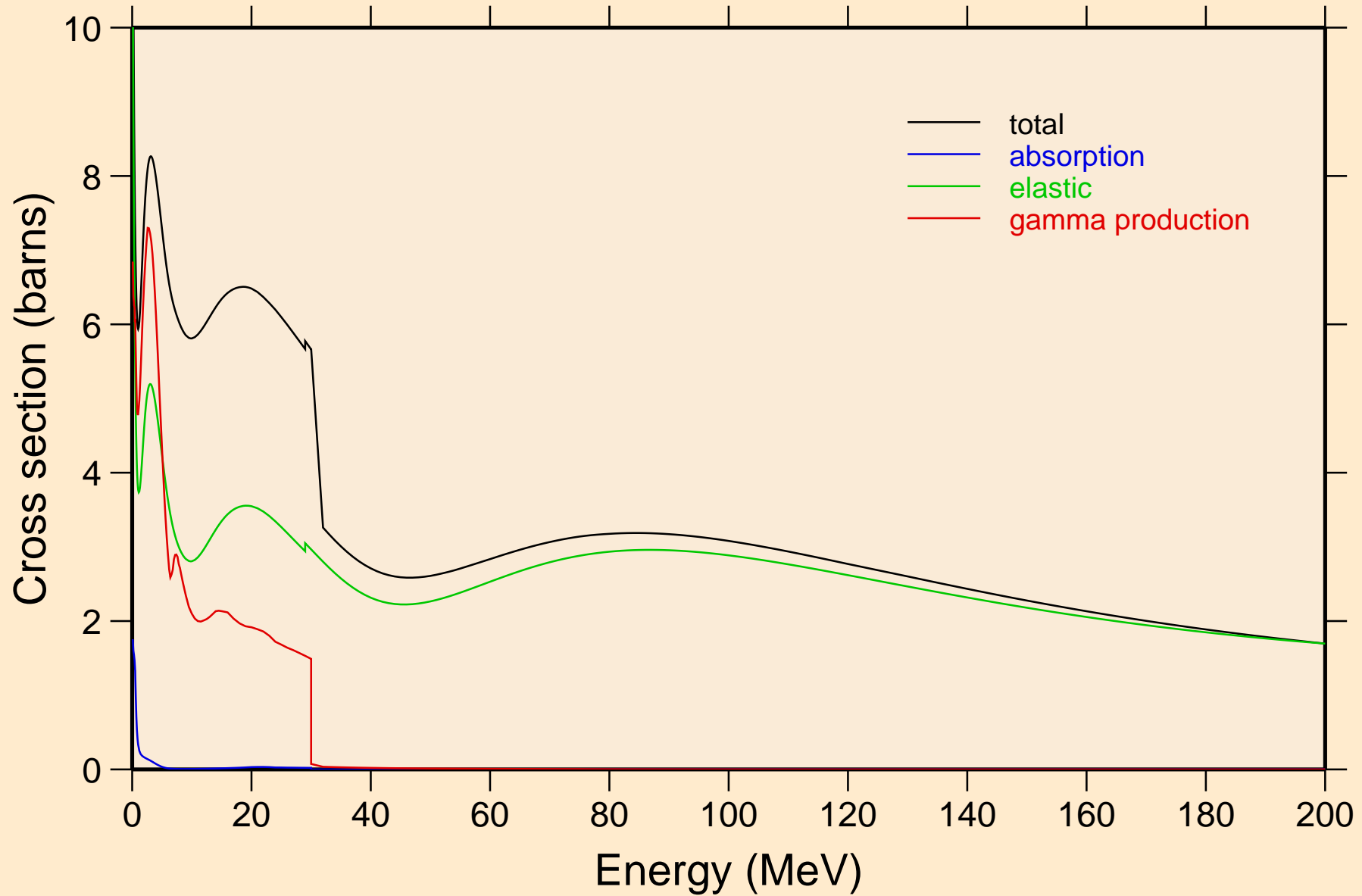
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



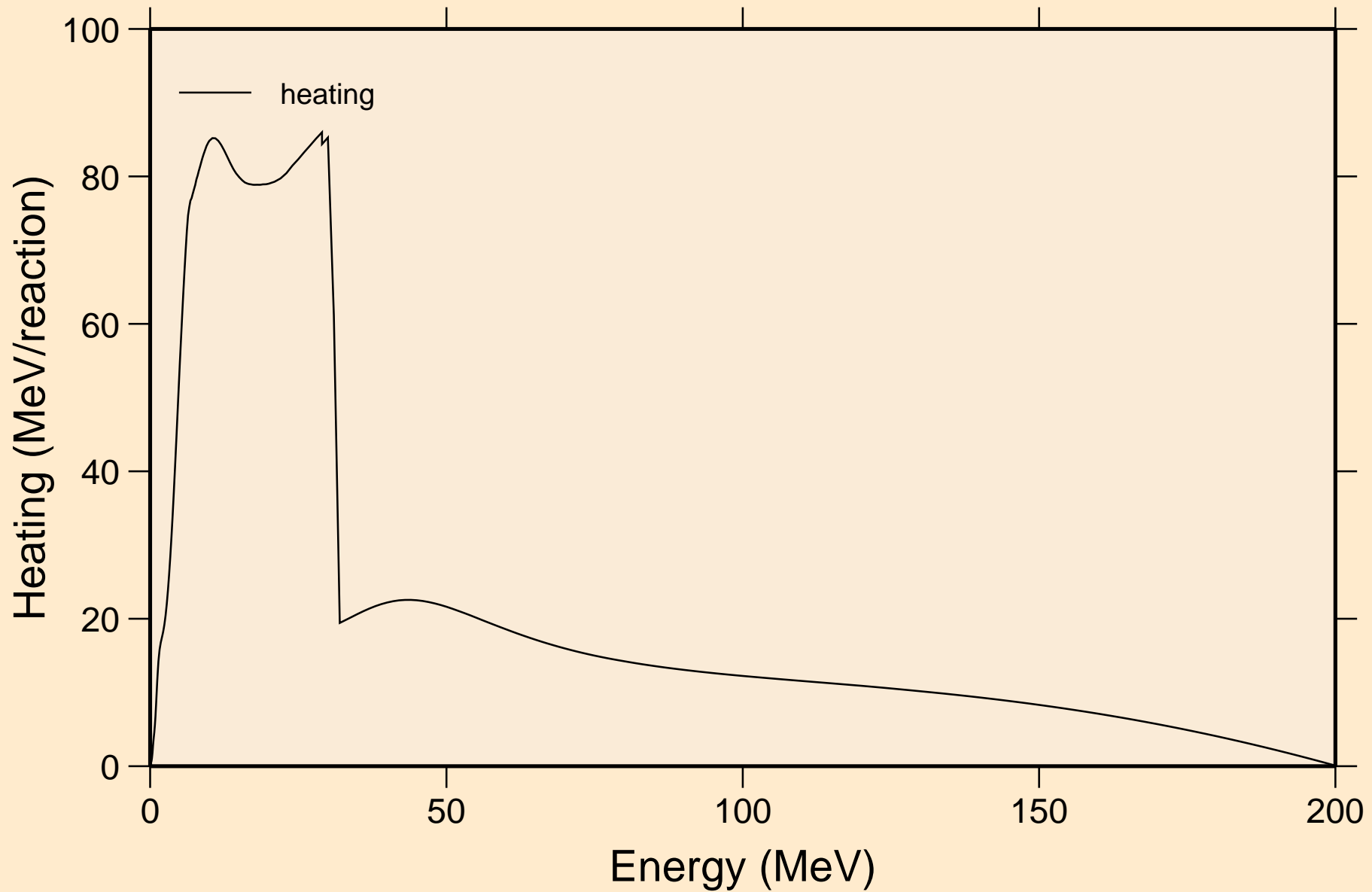
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



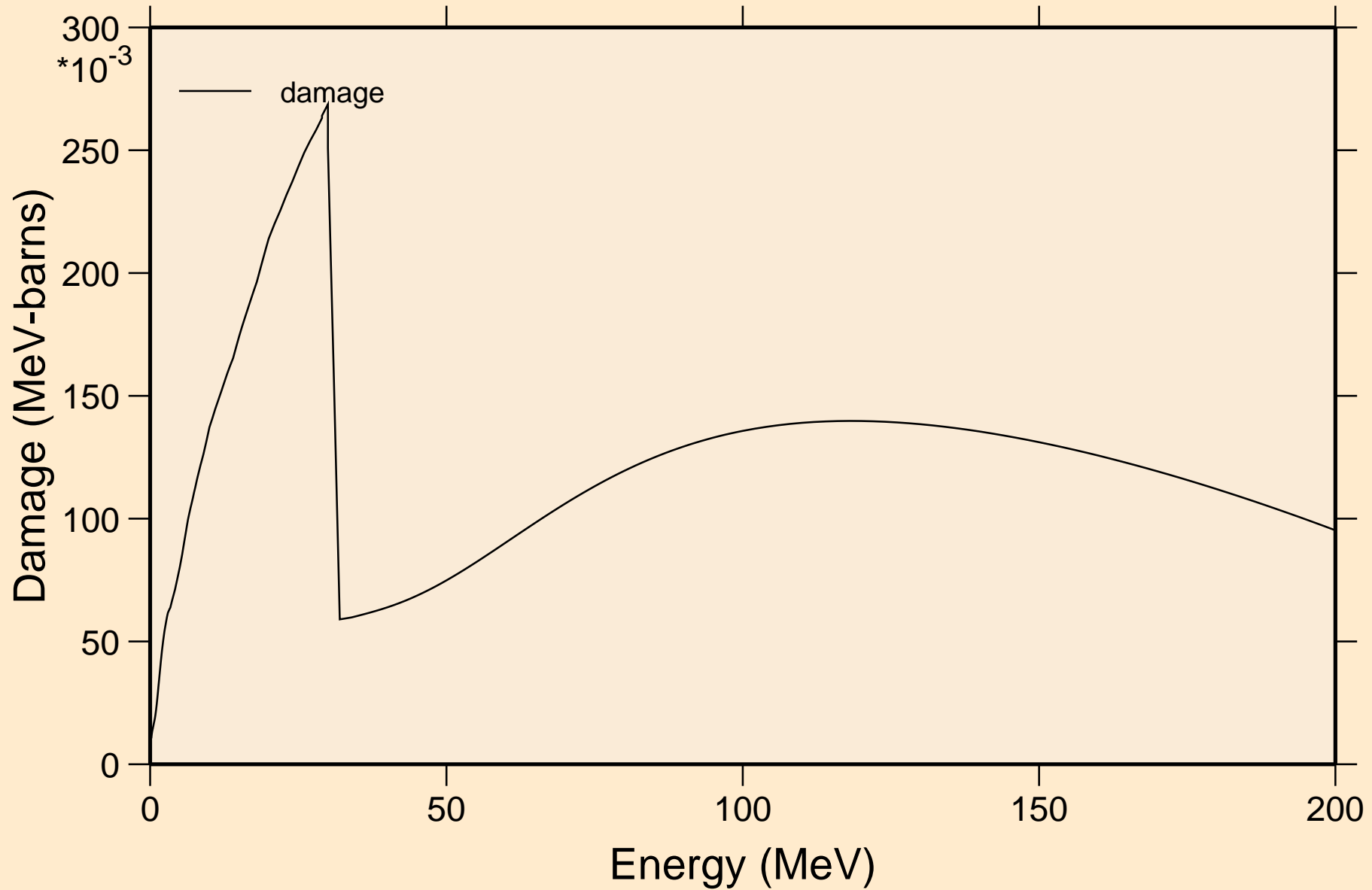
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



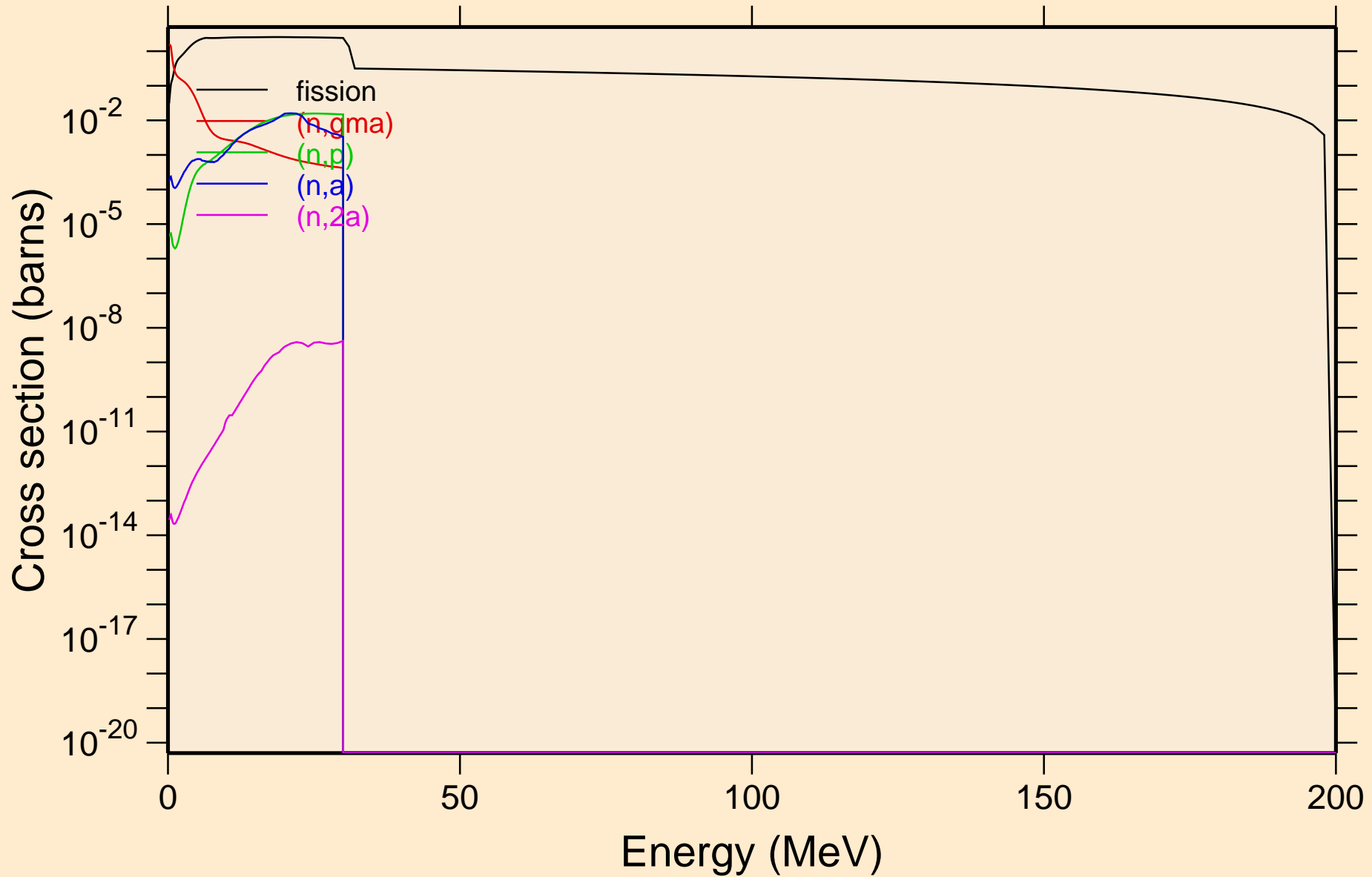
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



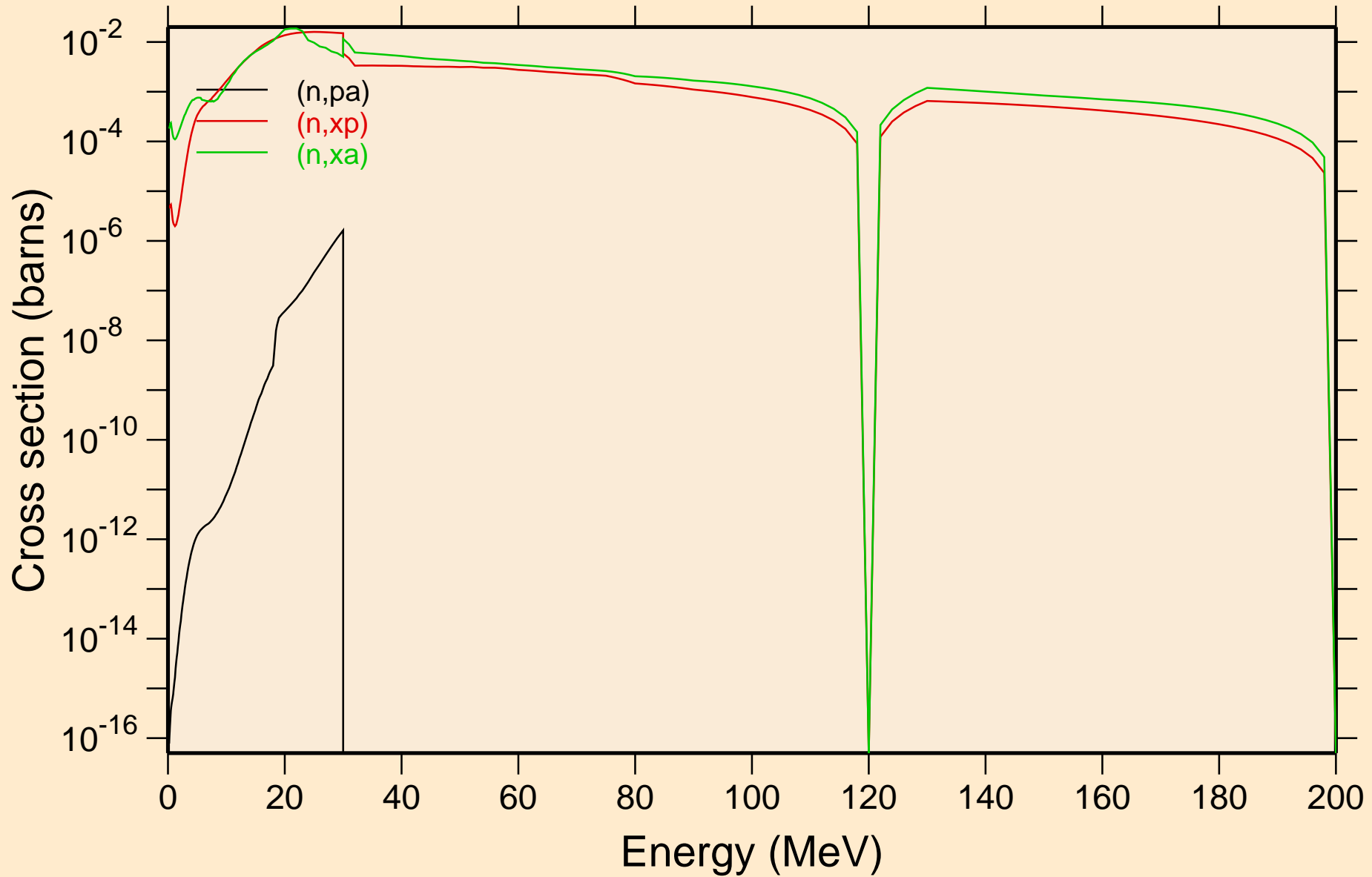


# LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

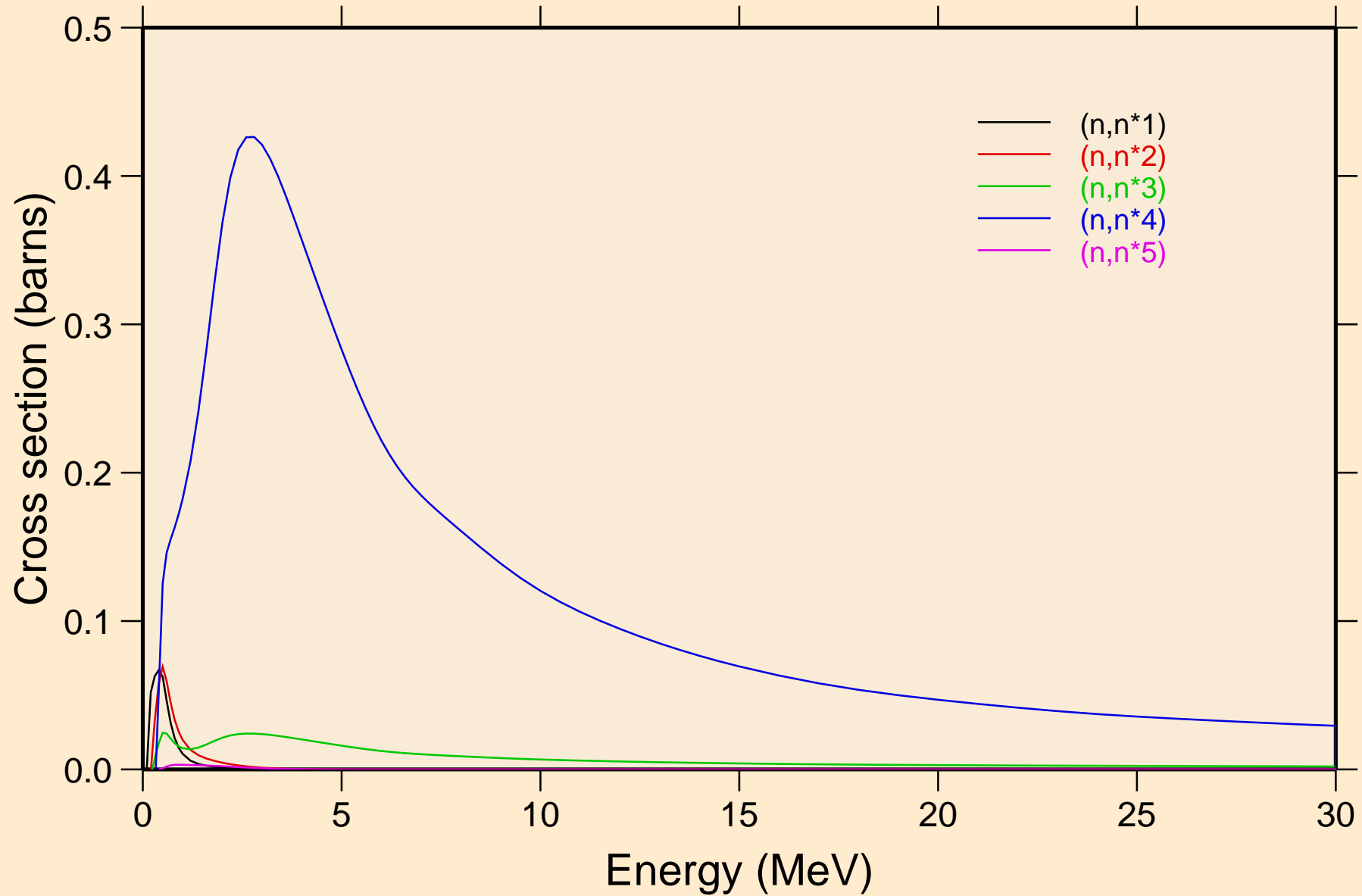
## Non-threshold reactions



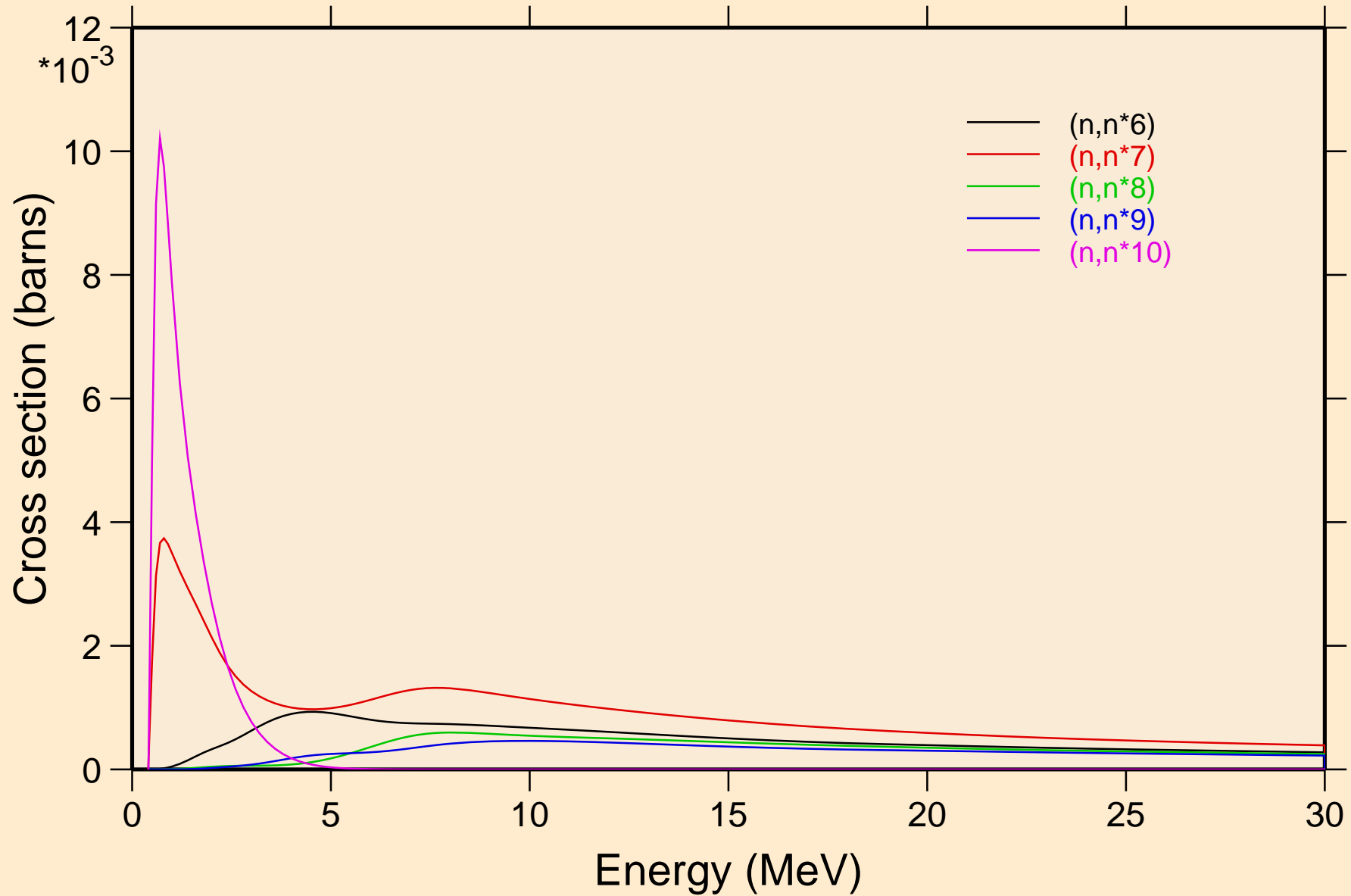
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



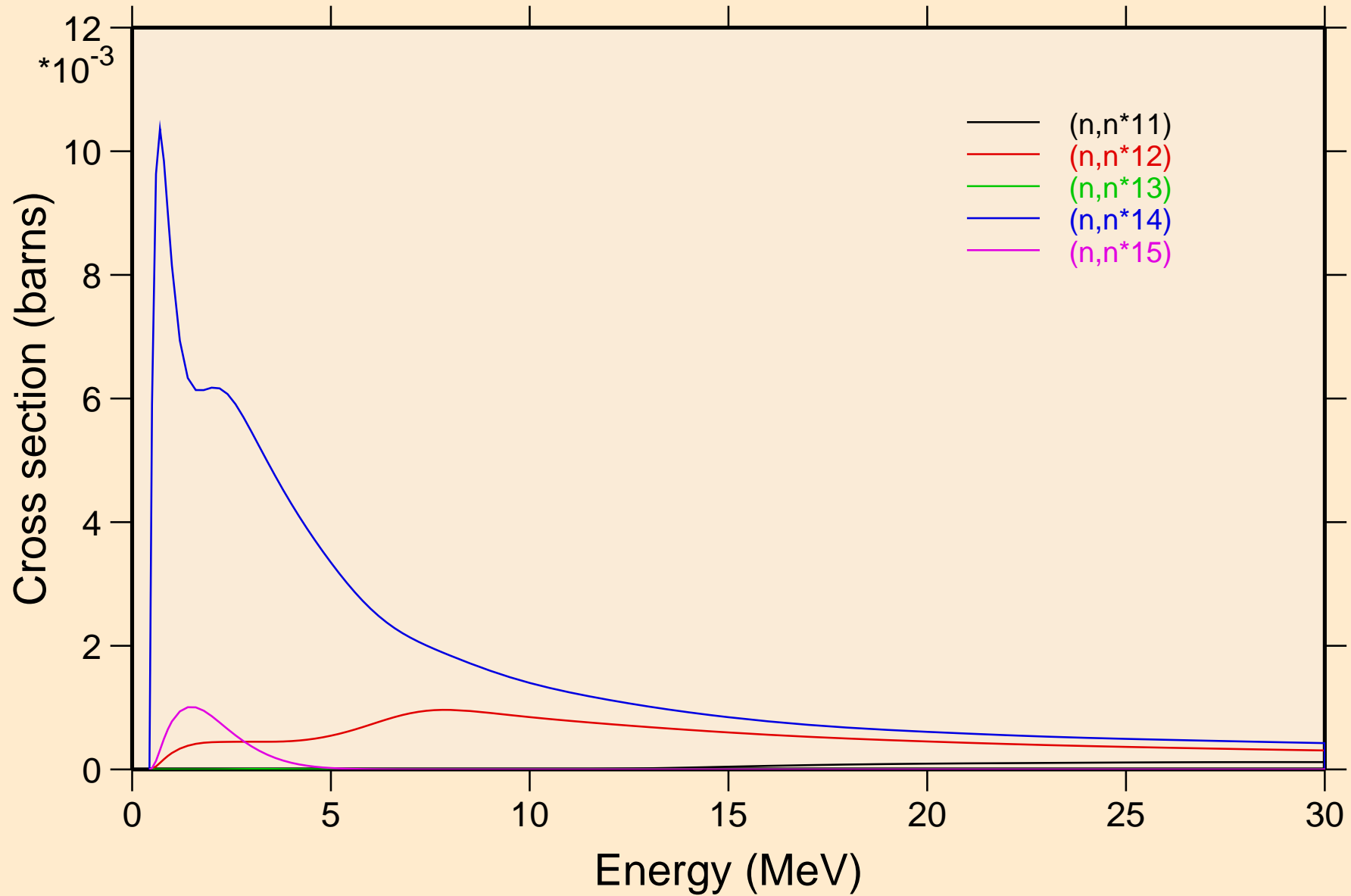
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



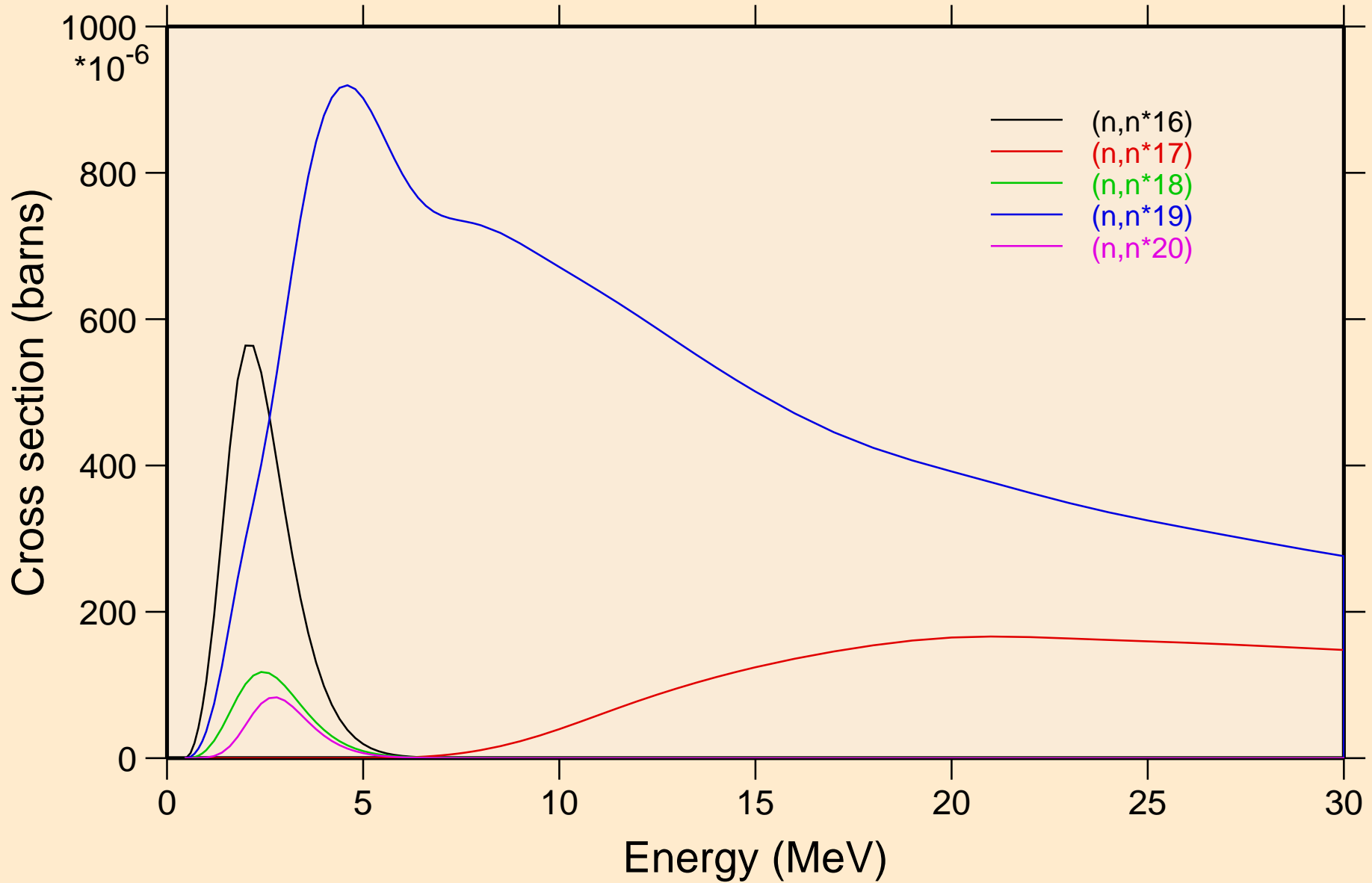
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



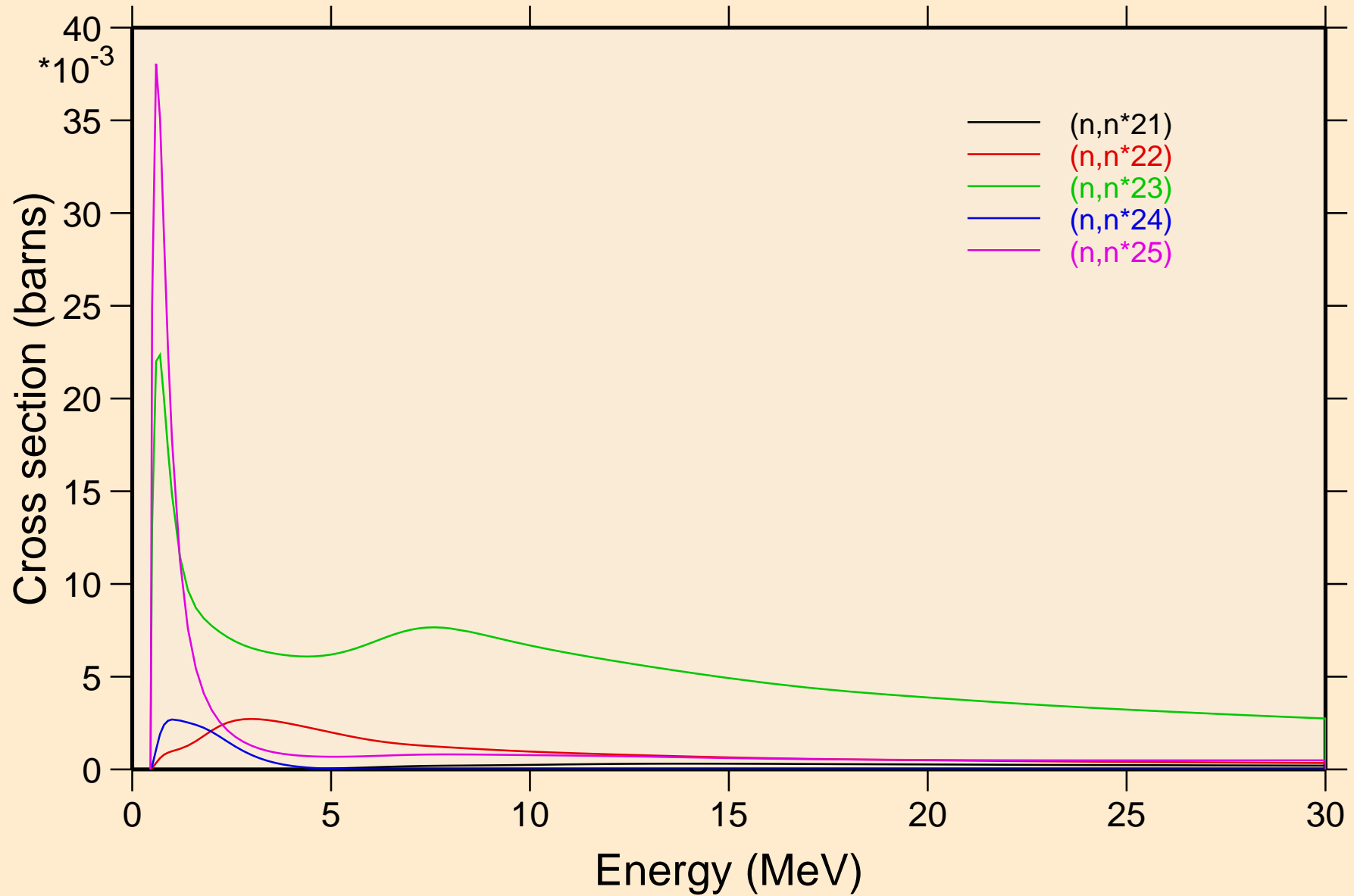
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



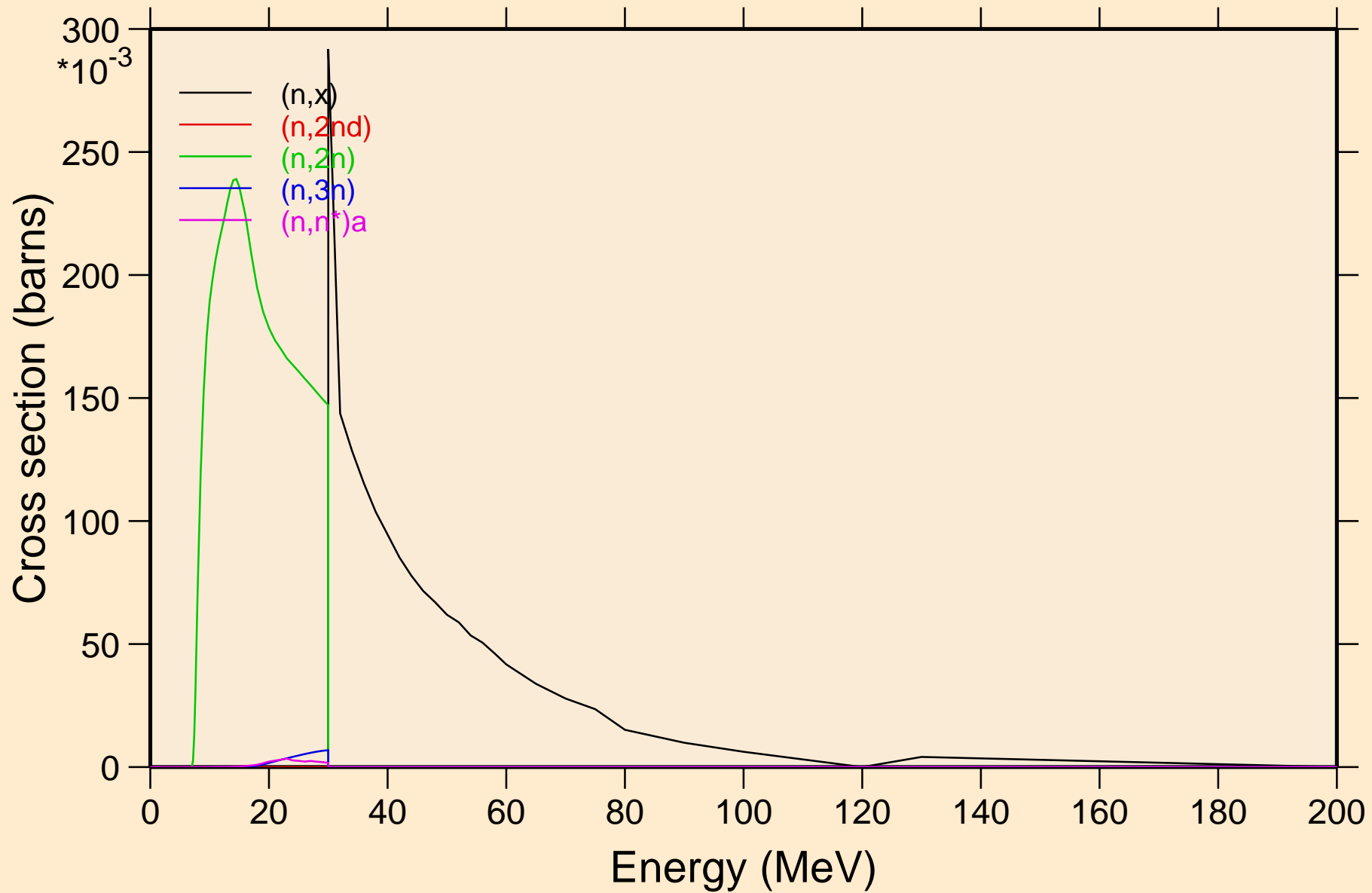
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

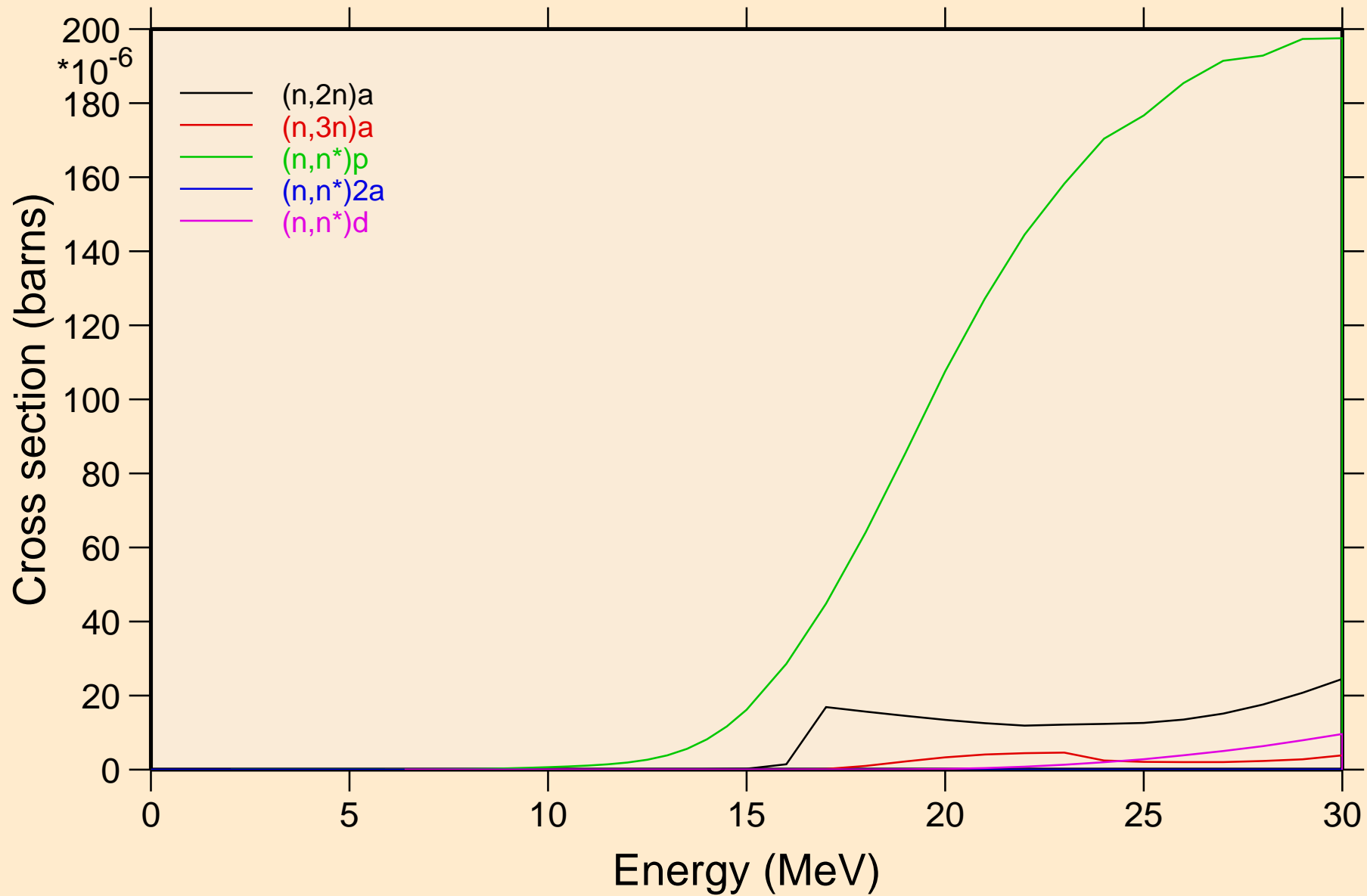


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

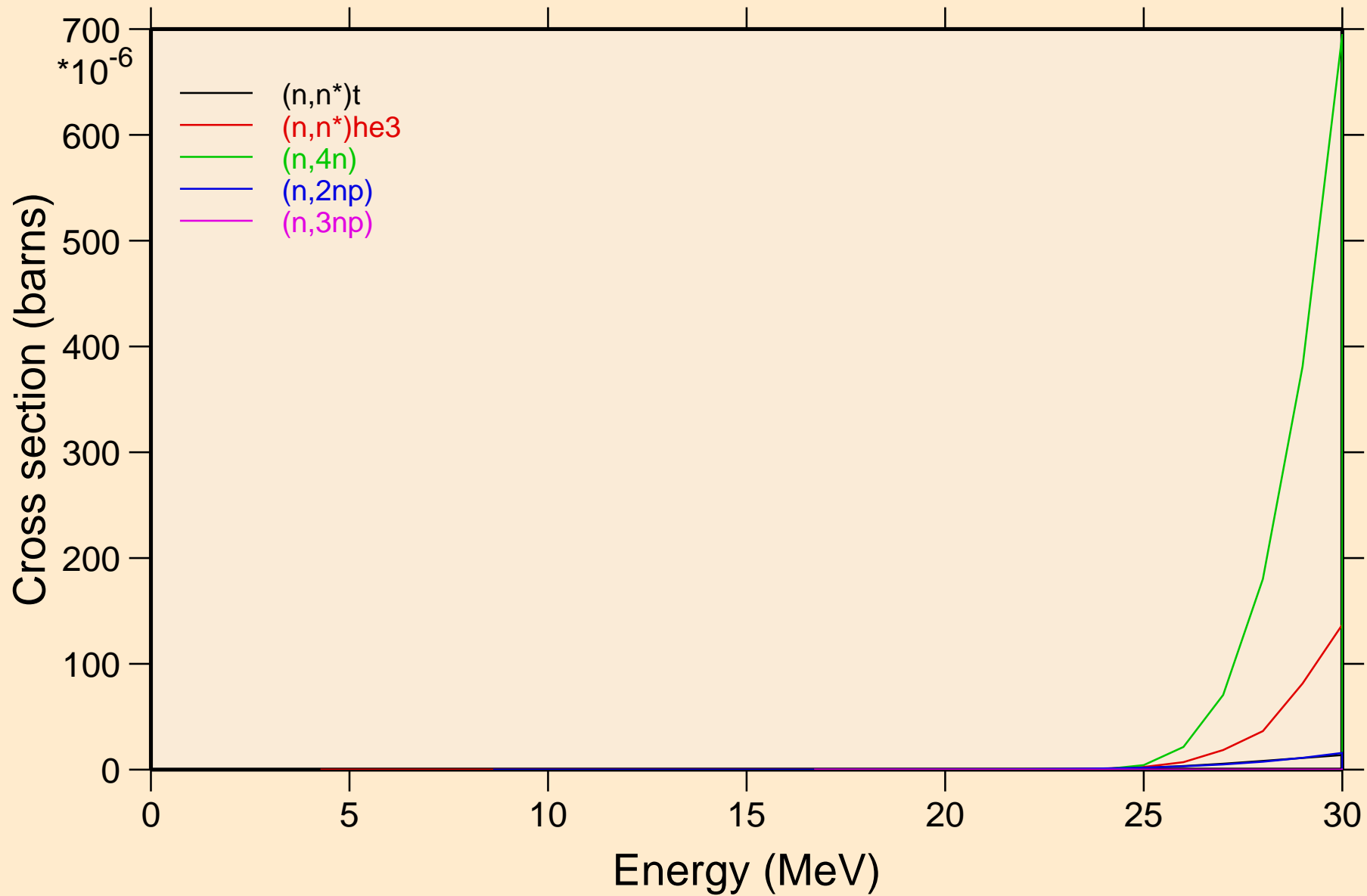




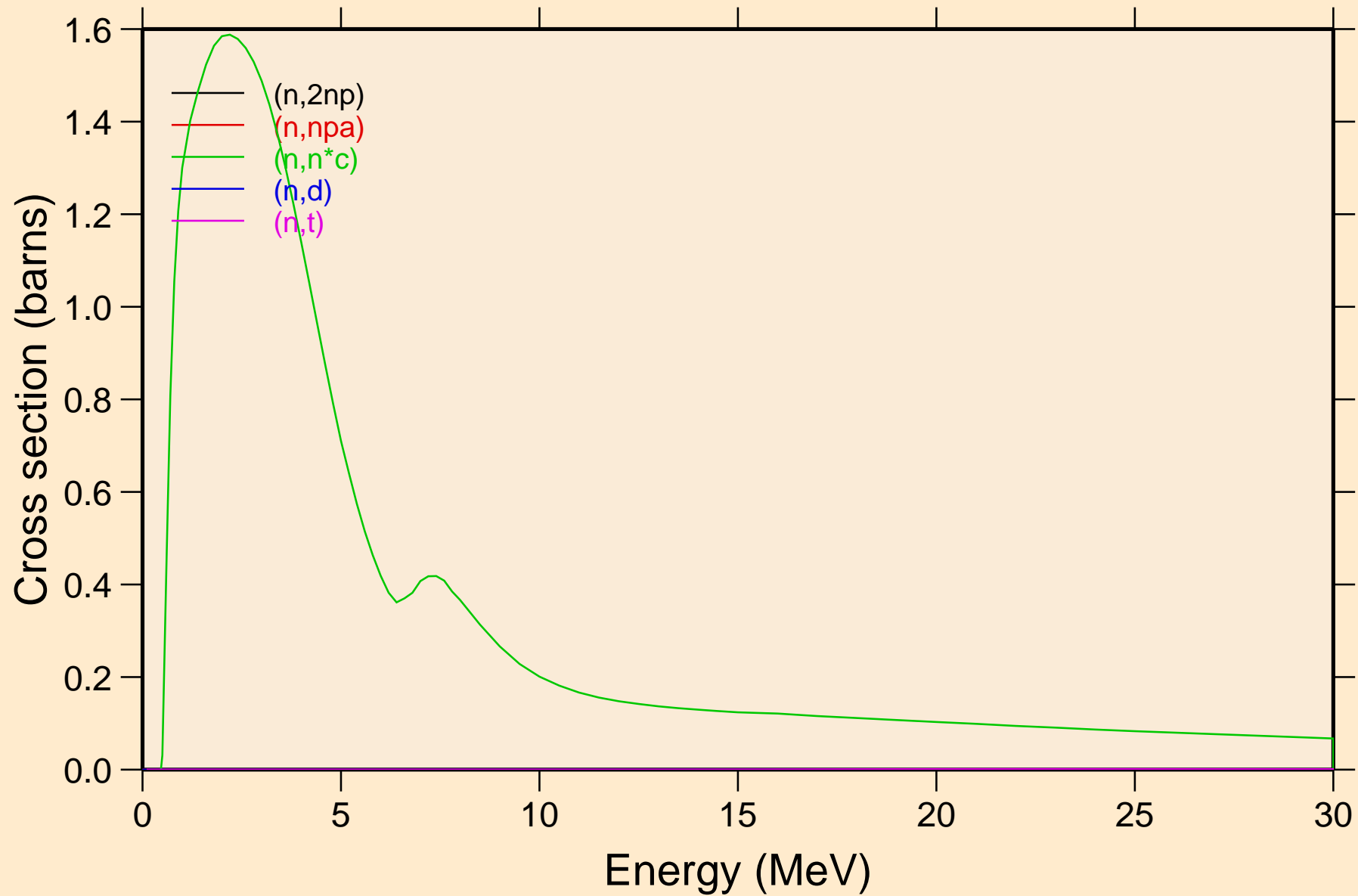
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



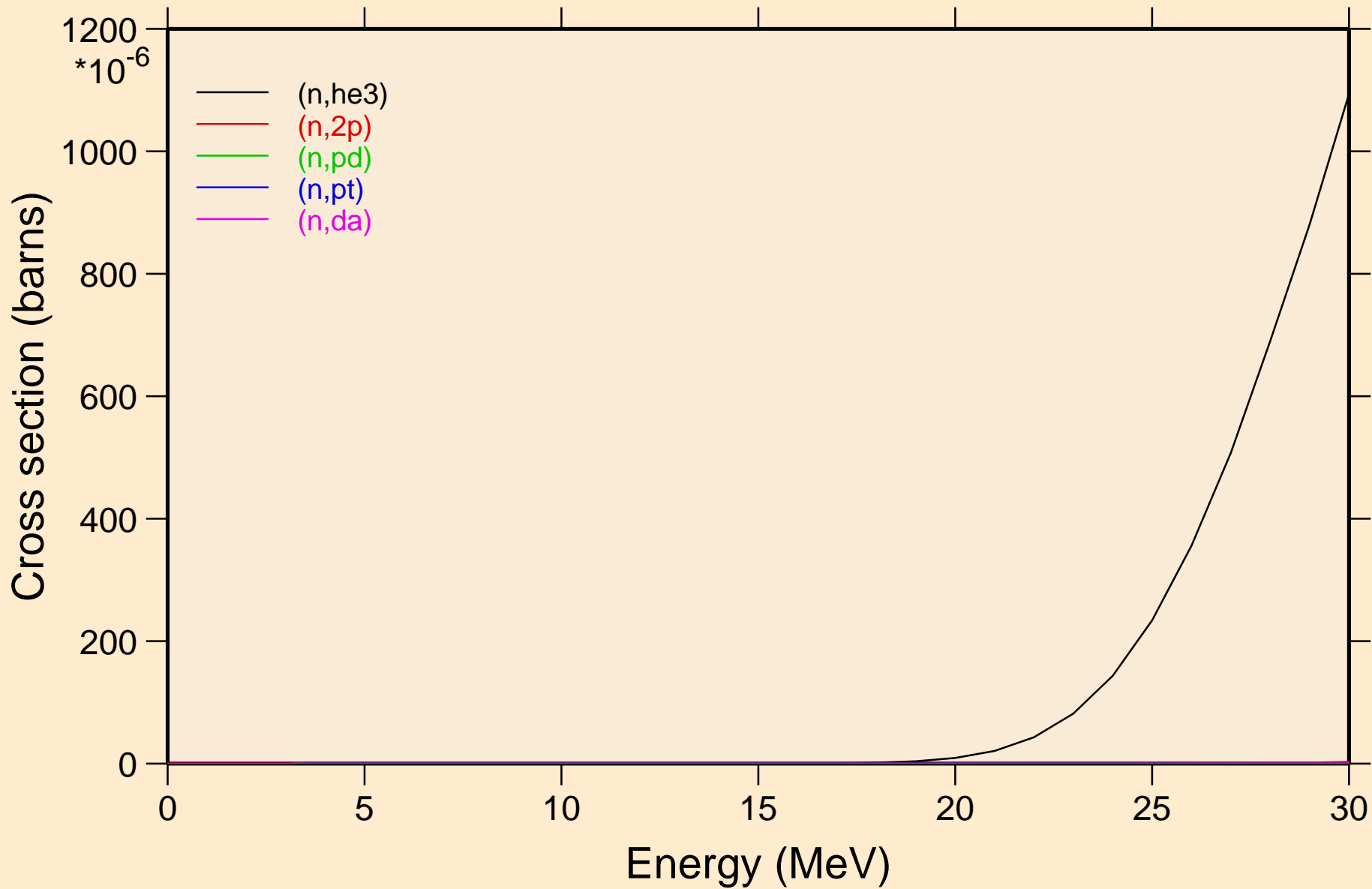
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



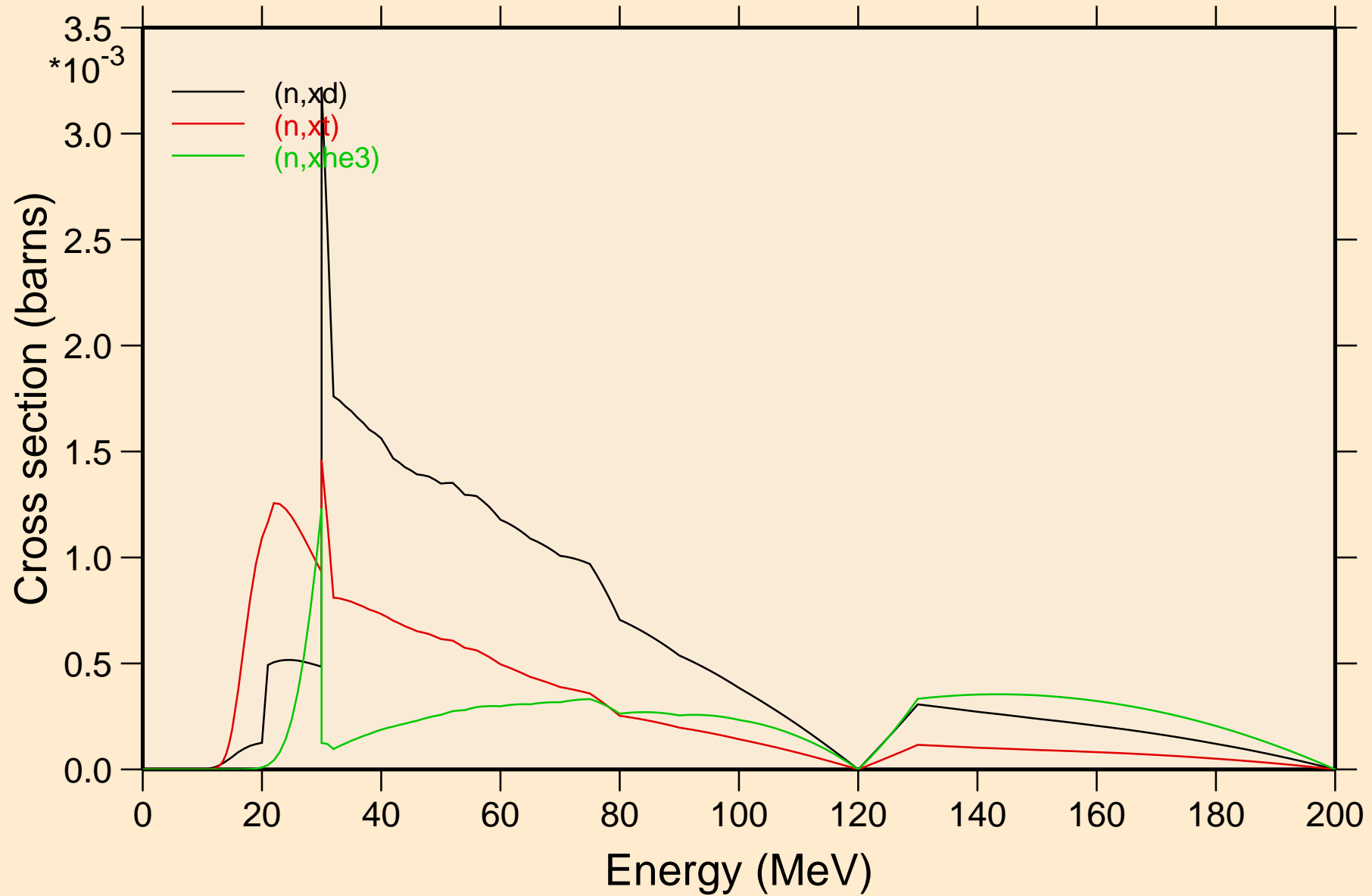
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



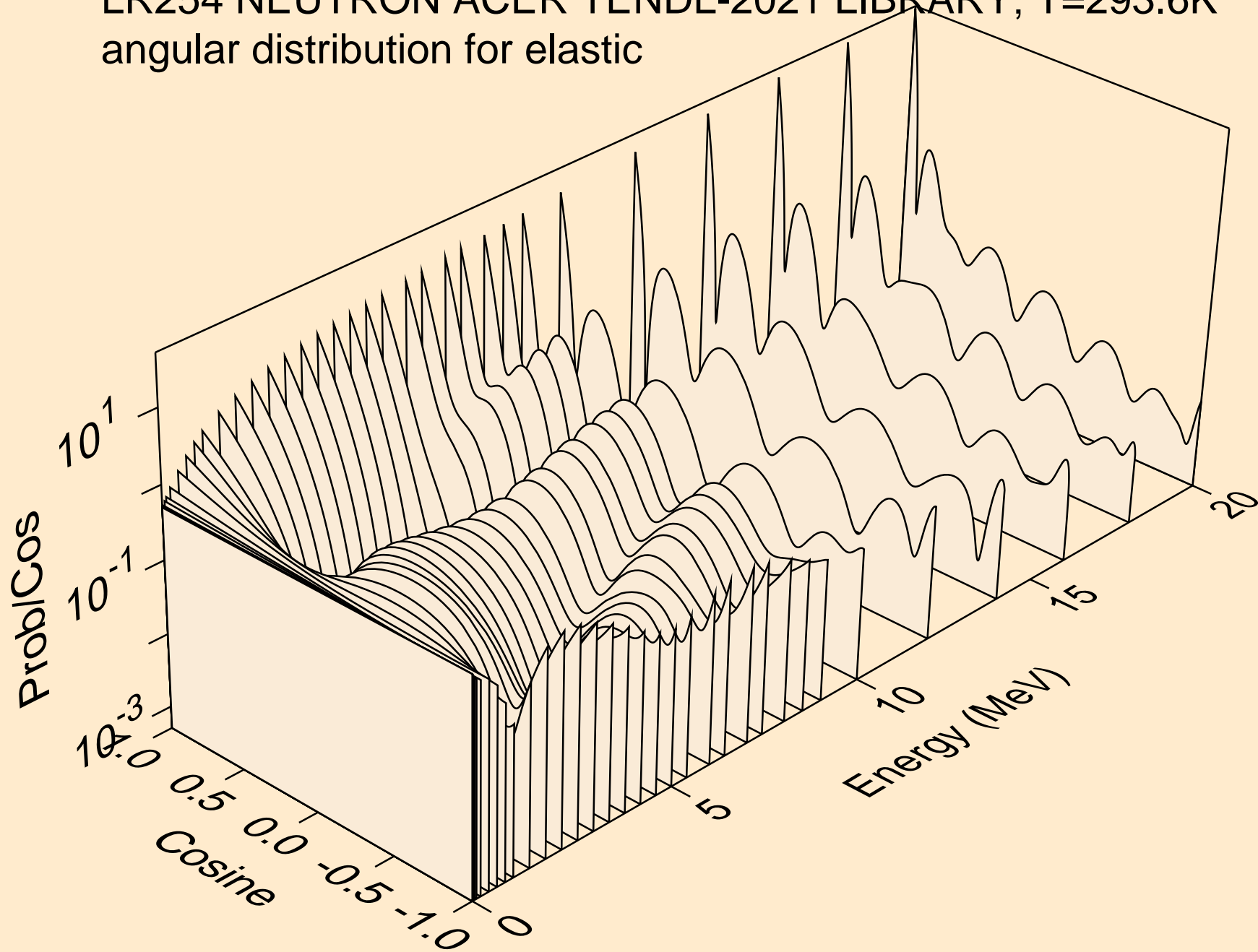
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



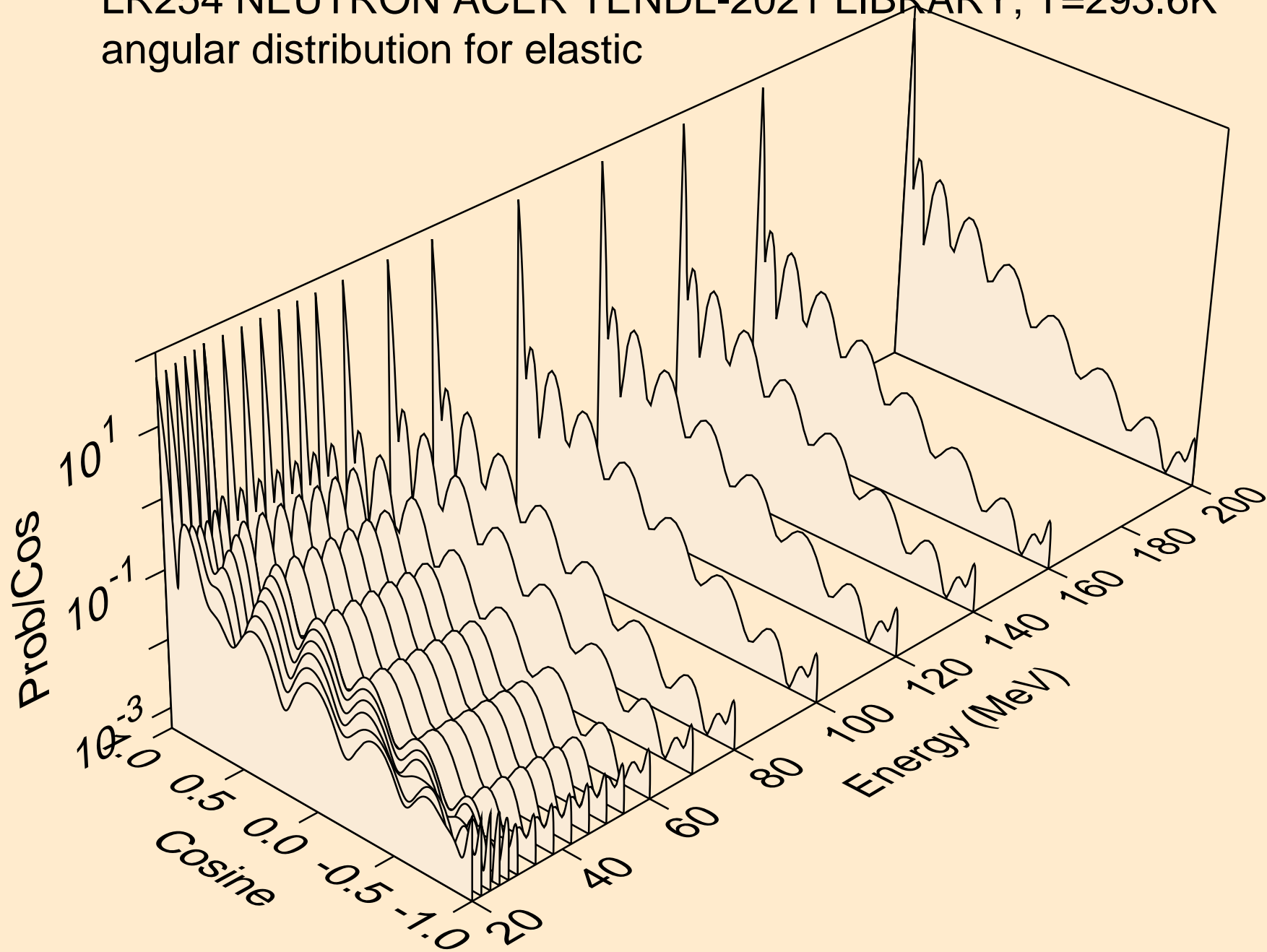
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



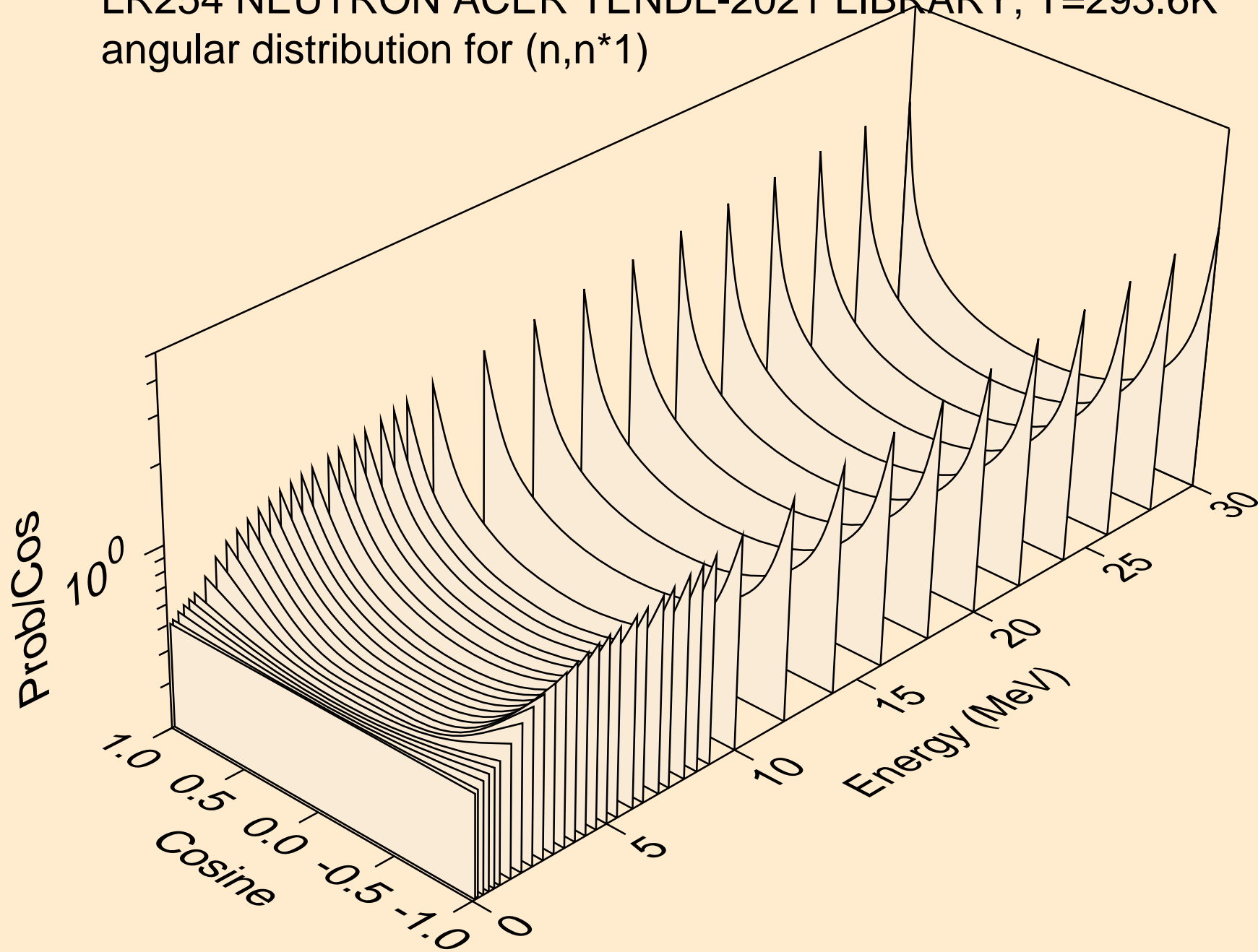
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

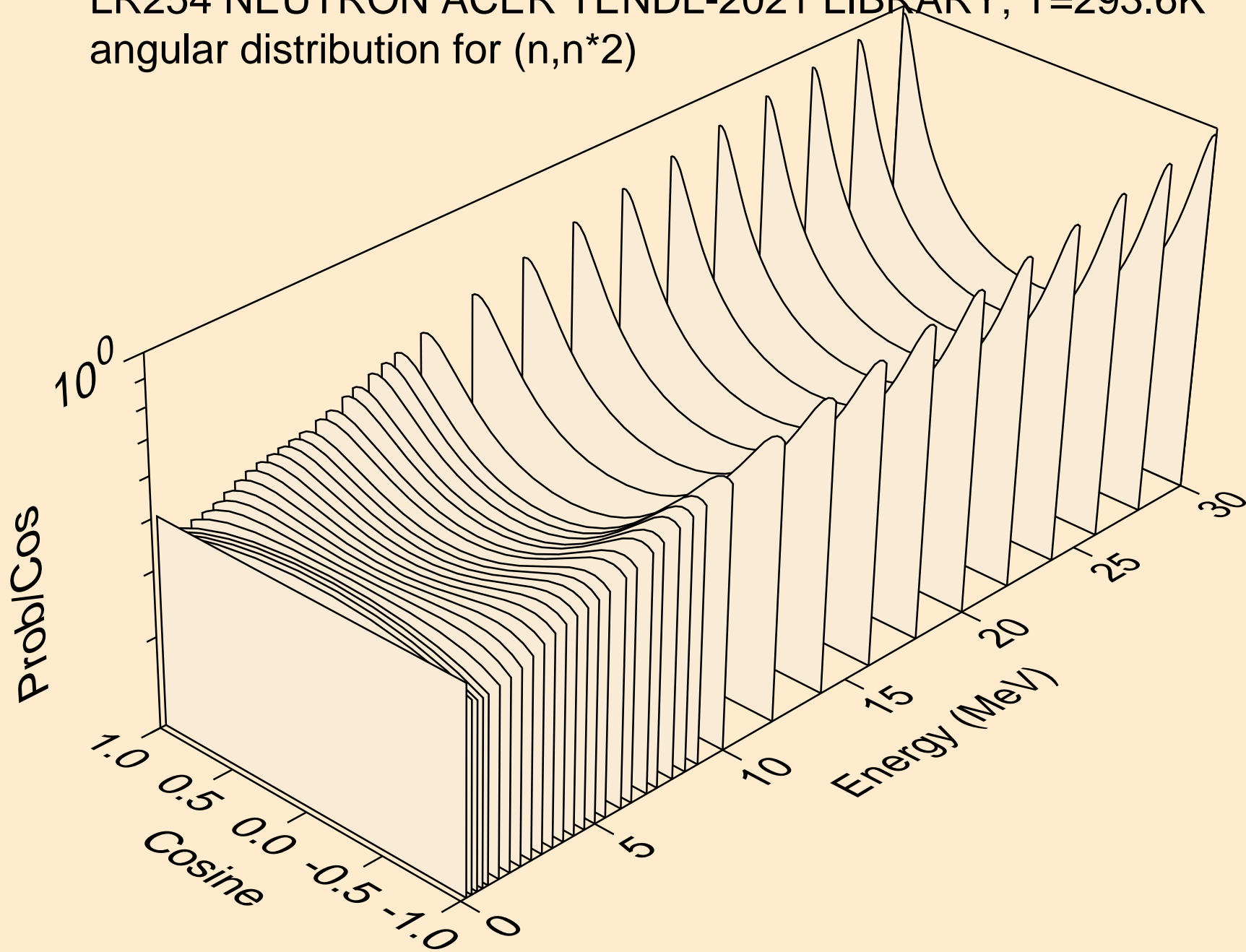


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

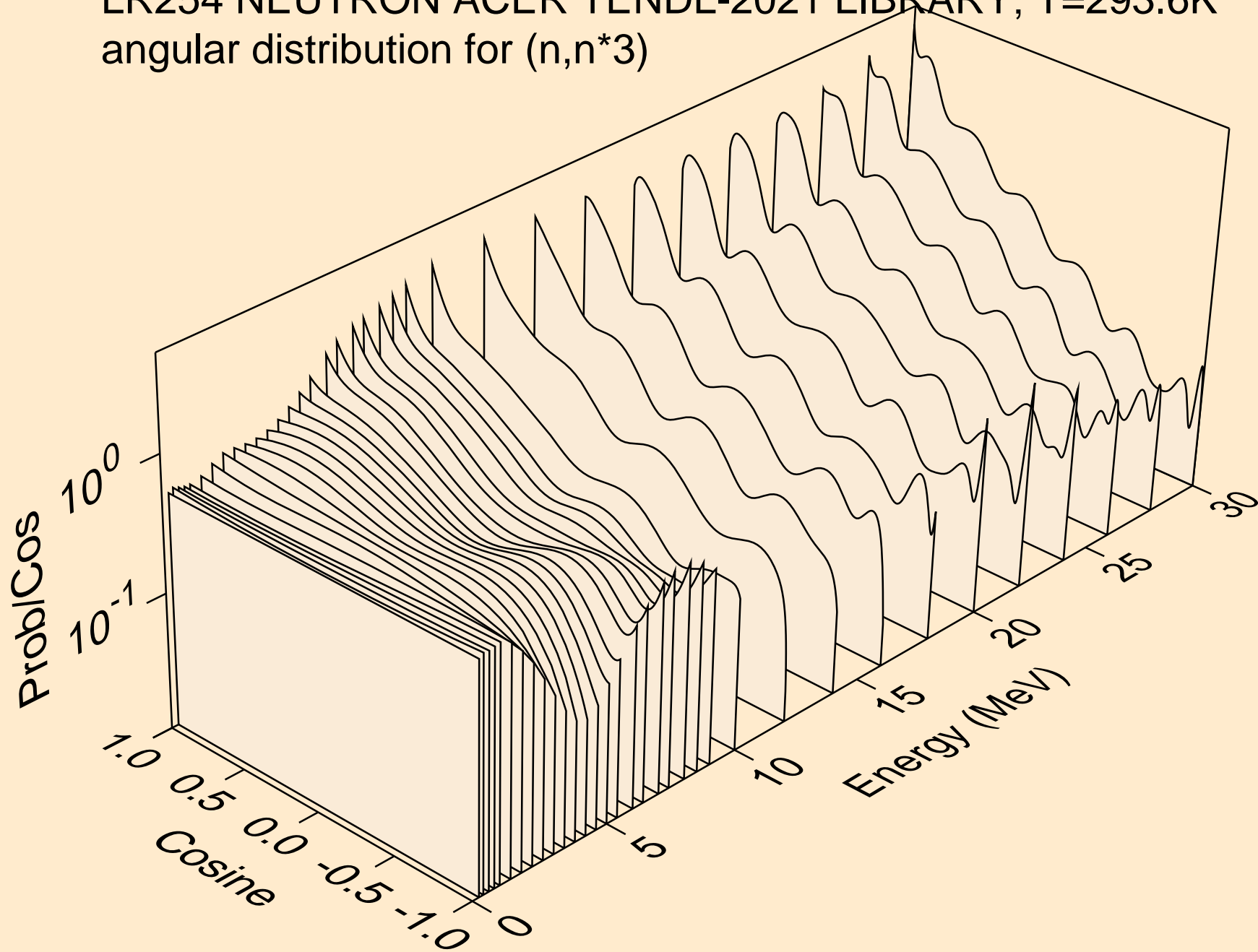




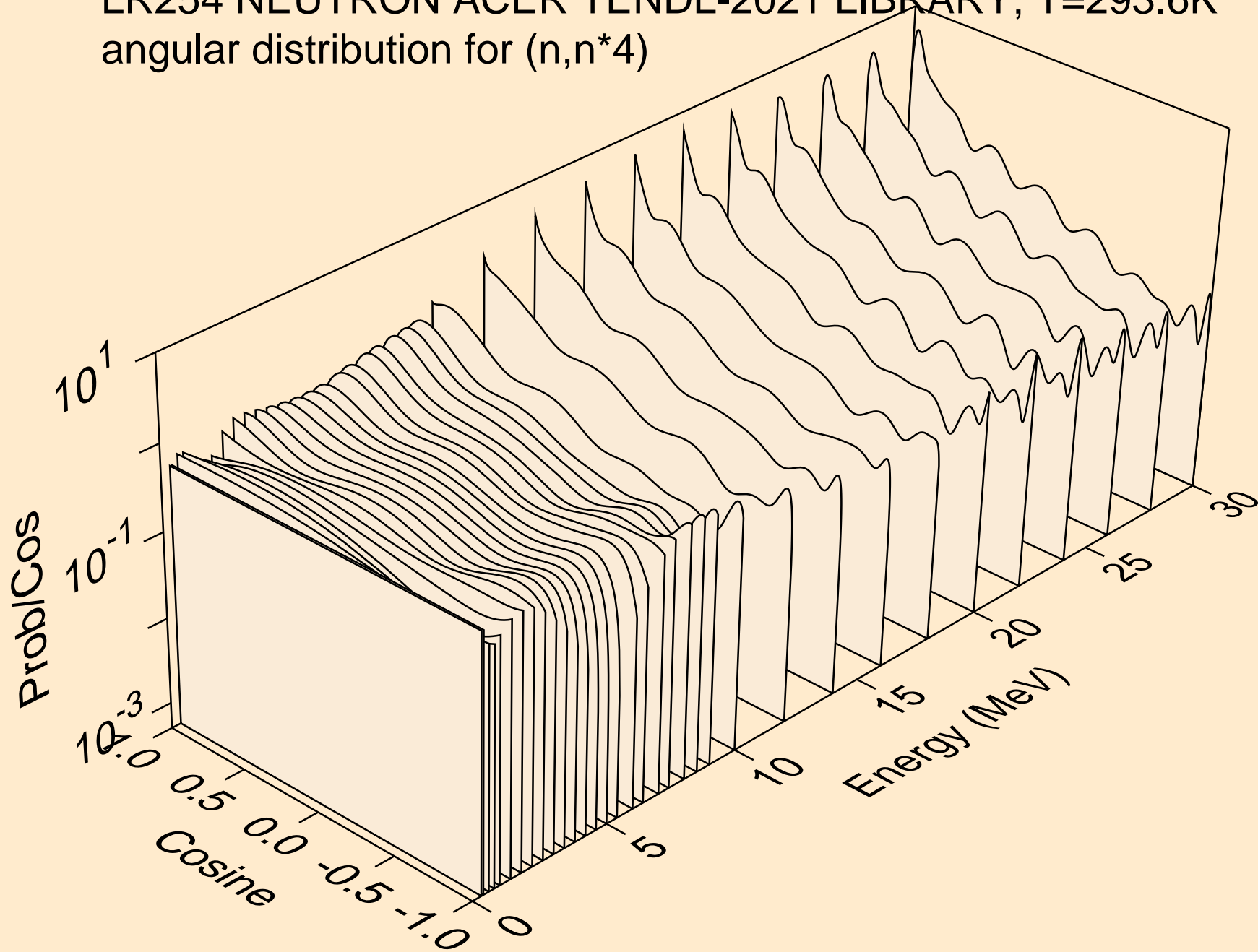
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



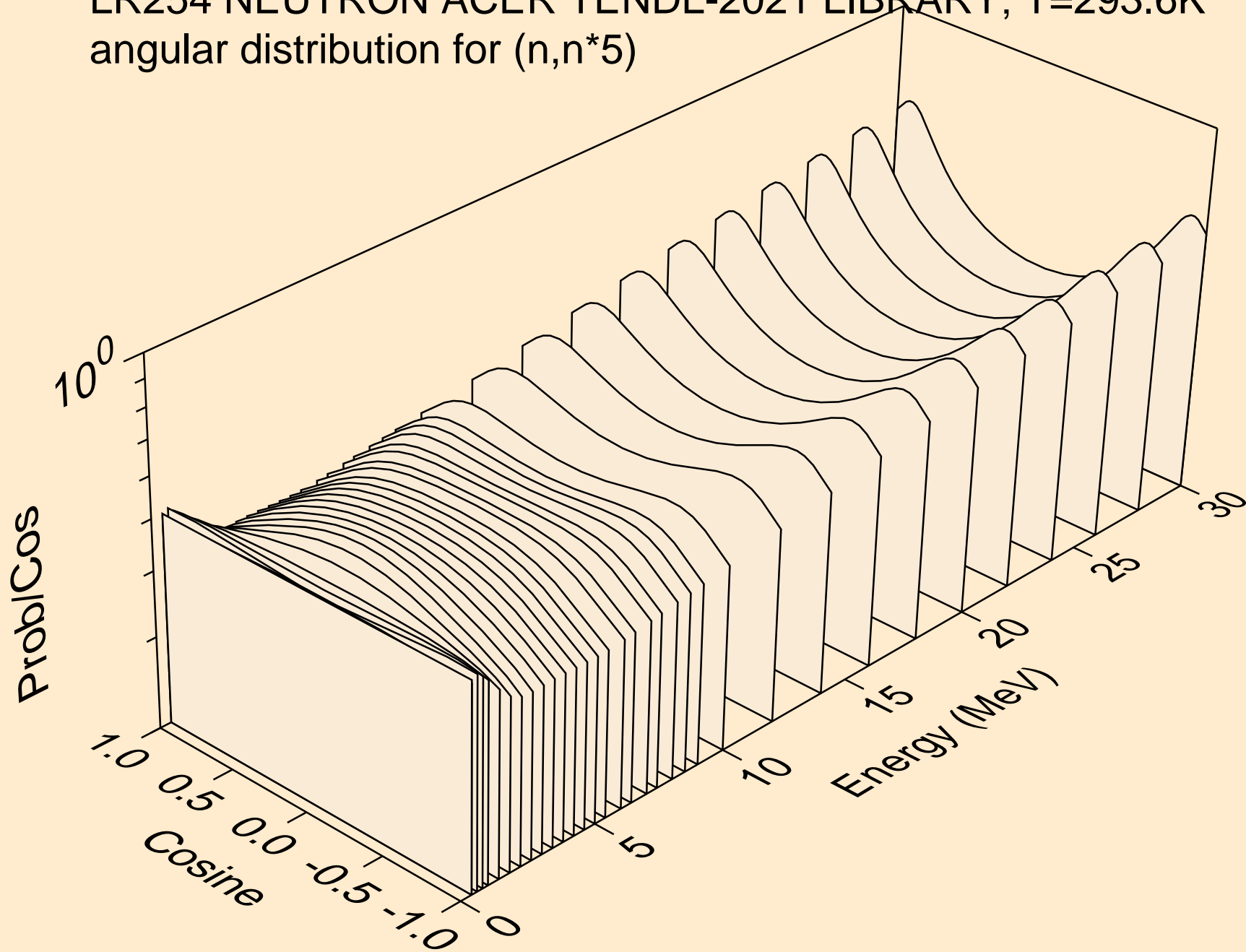
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



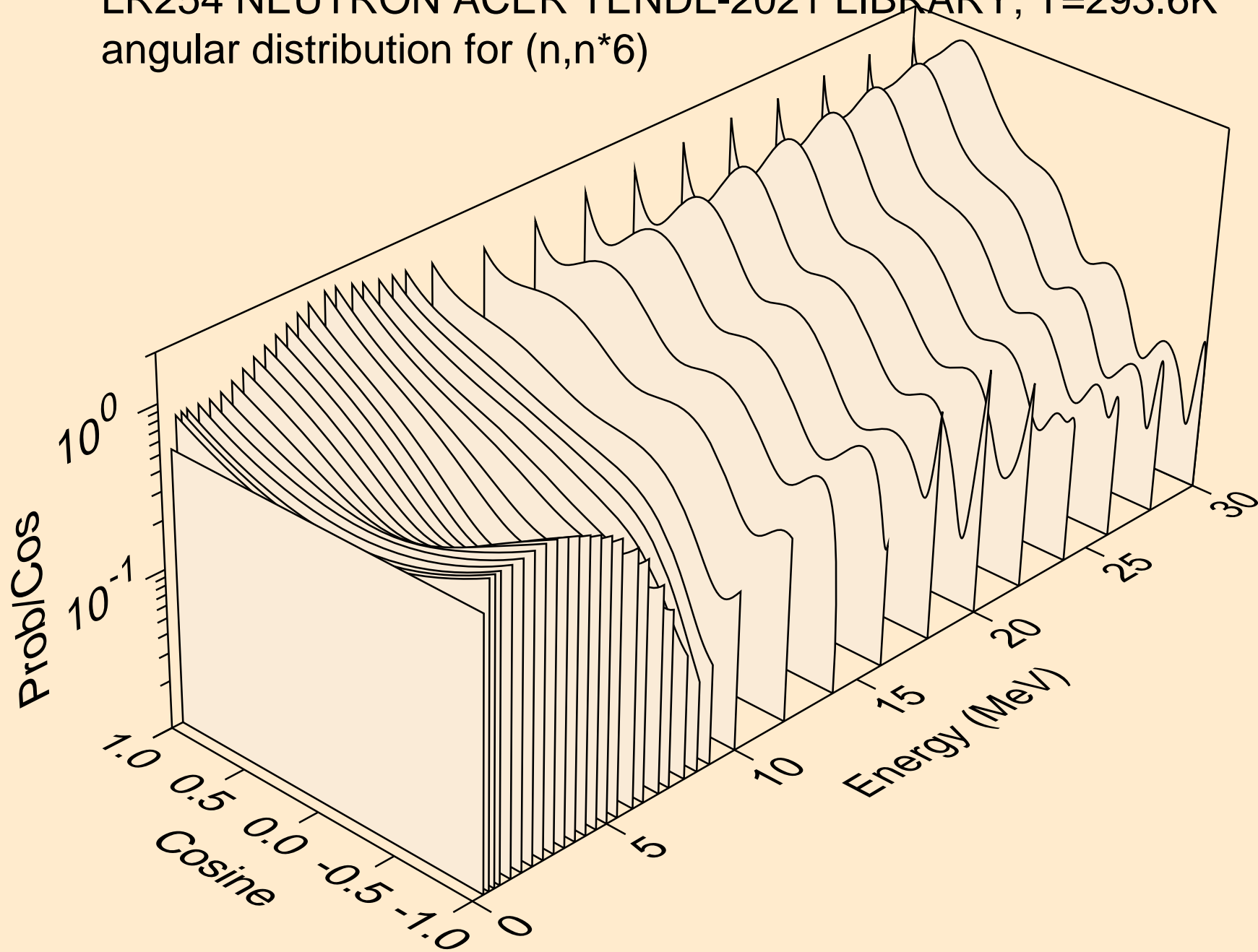
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angular distribution for (n,n\*4)



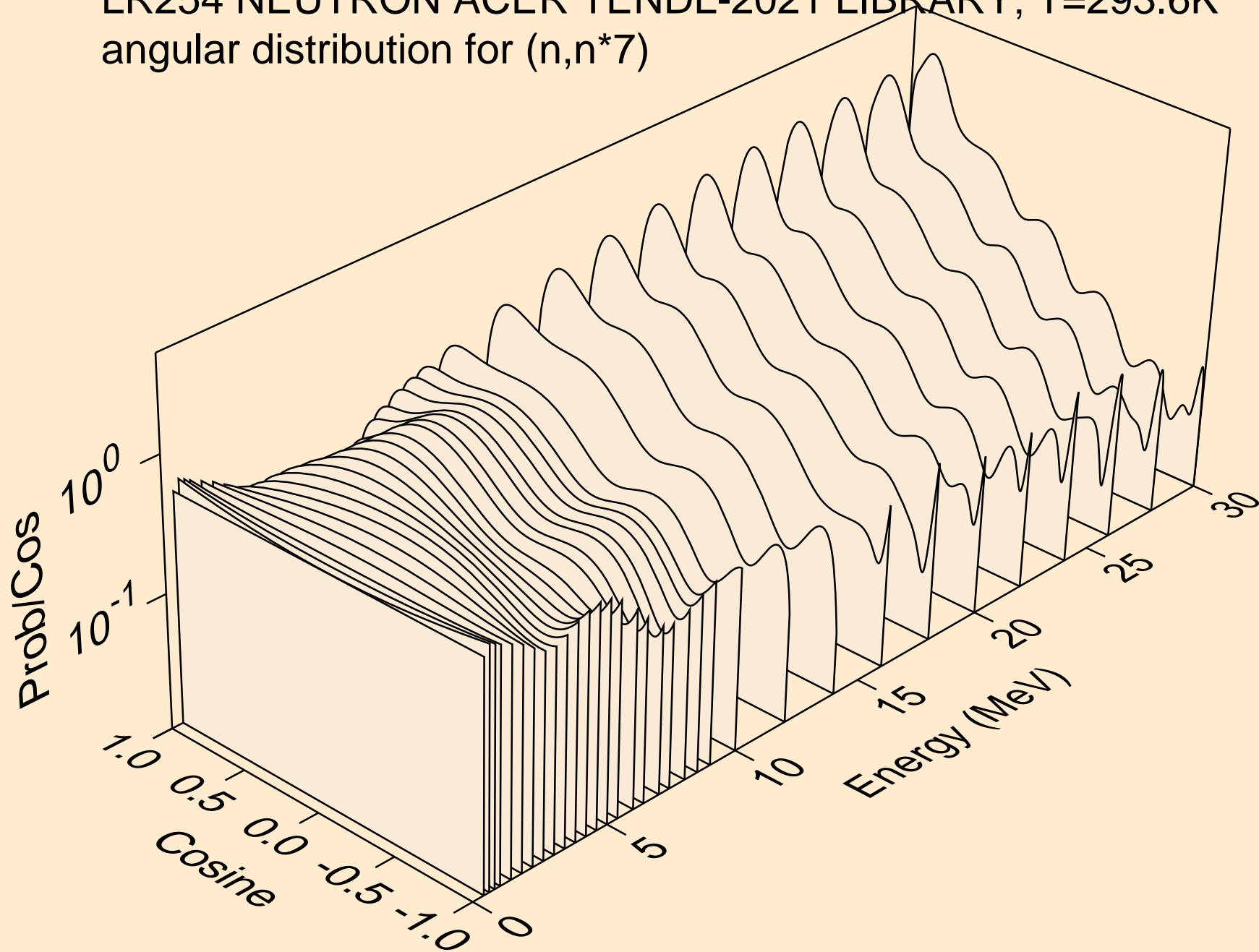
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angular distribution for (n,n\*5)



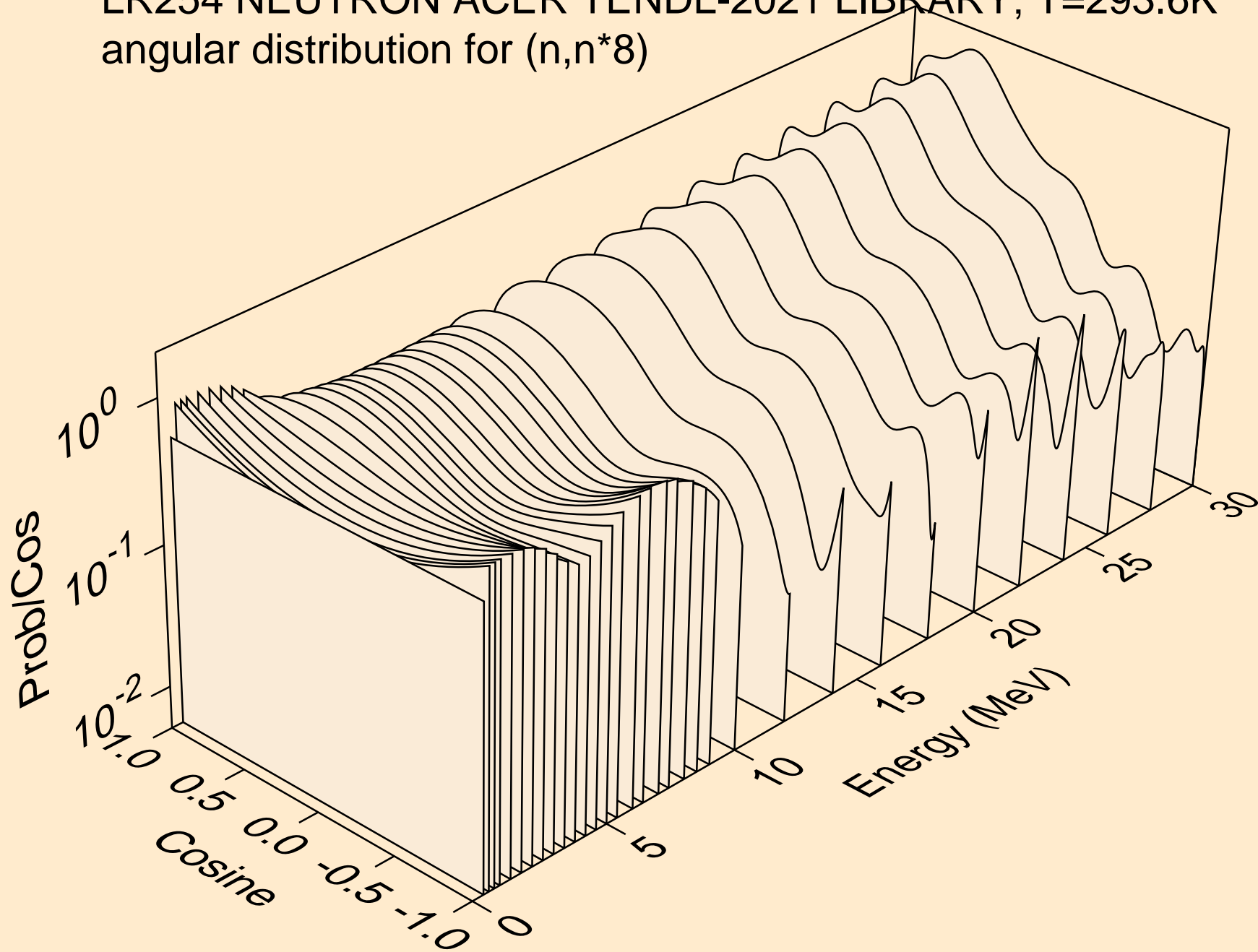
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angular distribution for (n,n\*6)



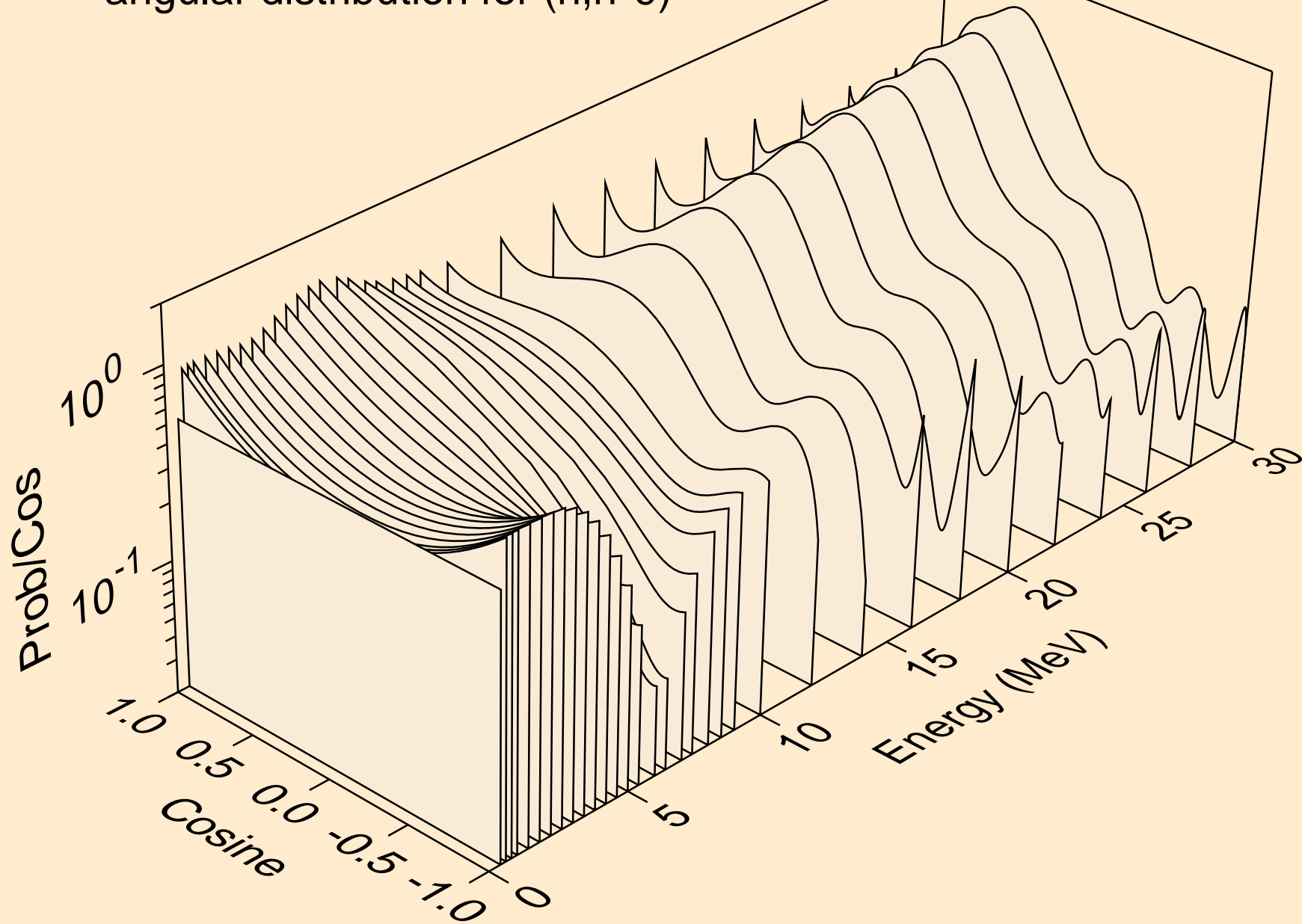
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

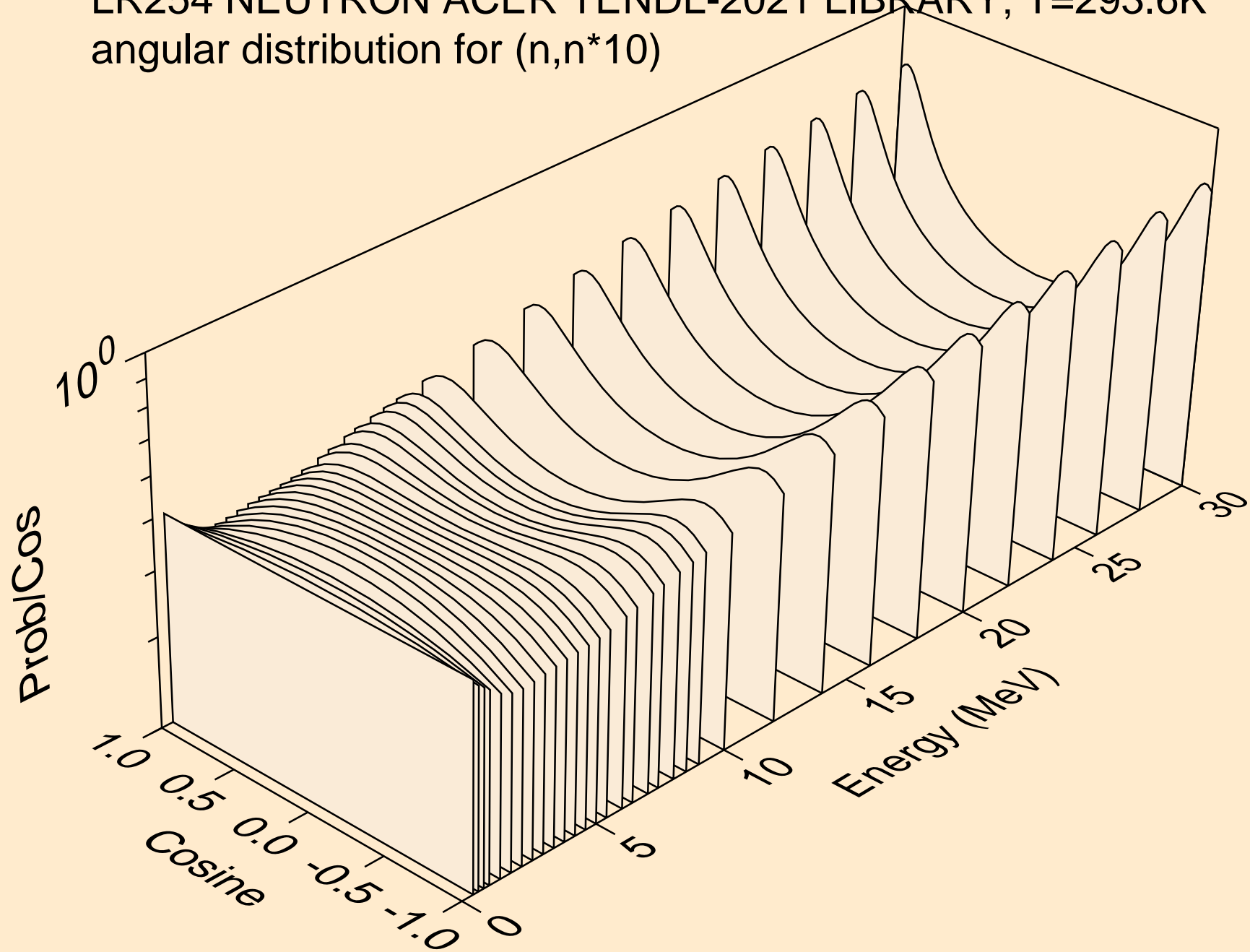


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

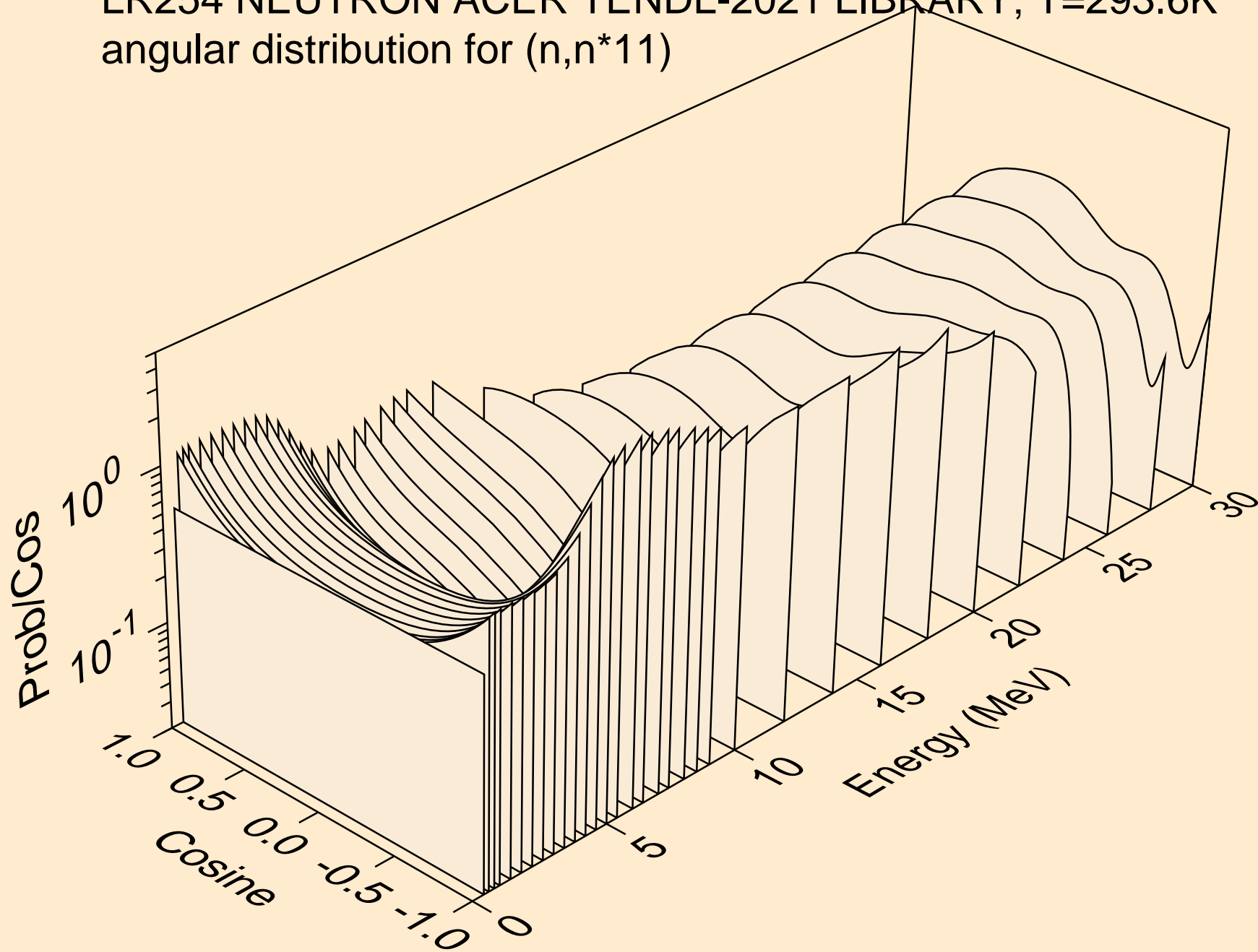




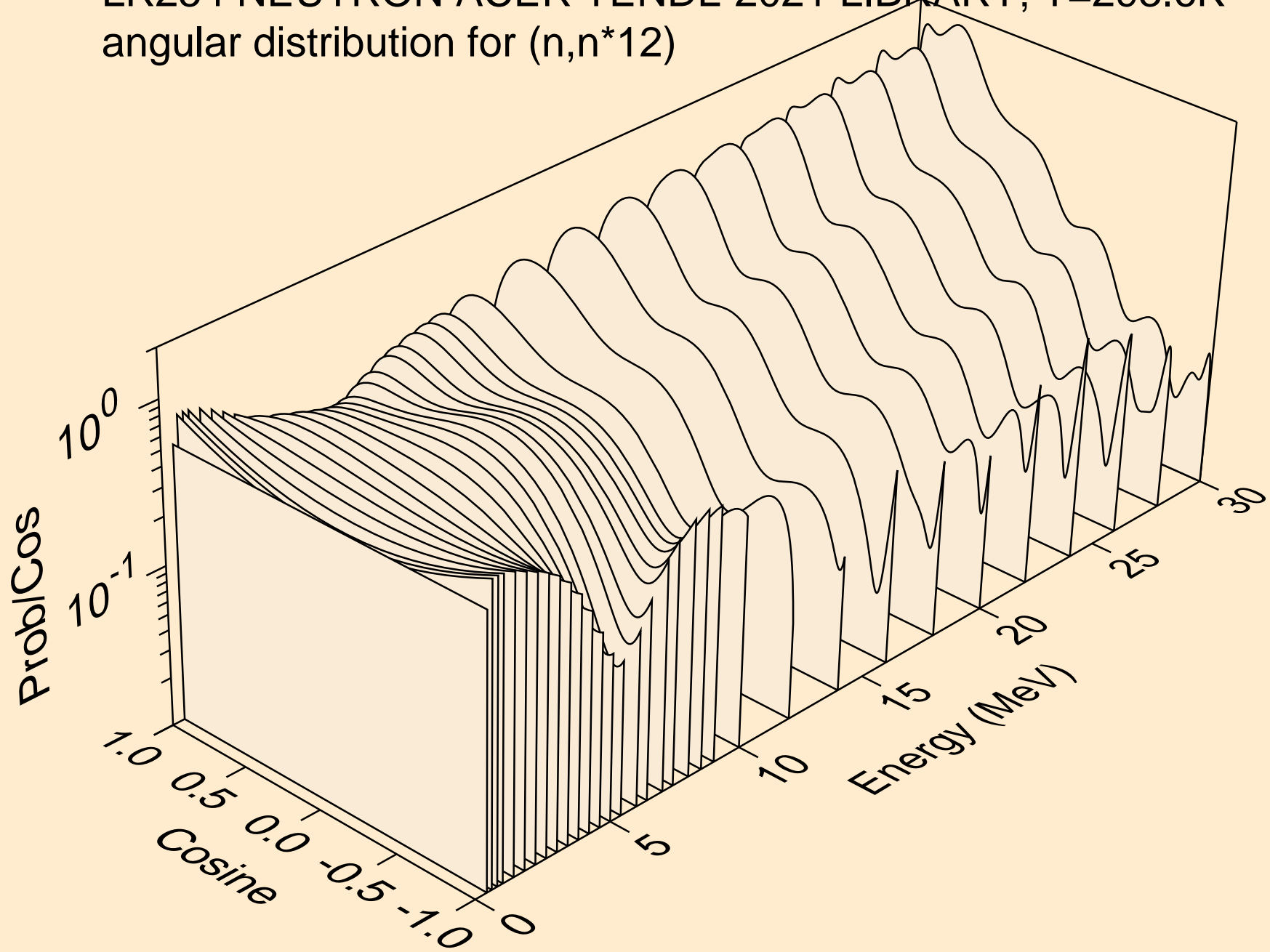
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angular distribution for (n,n\*10)



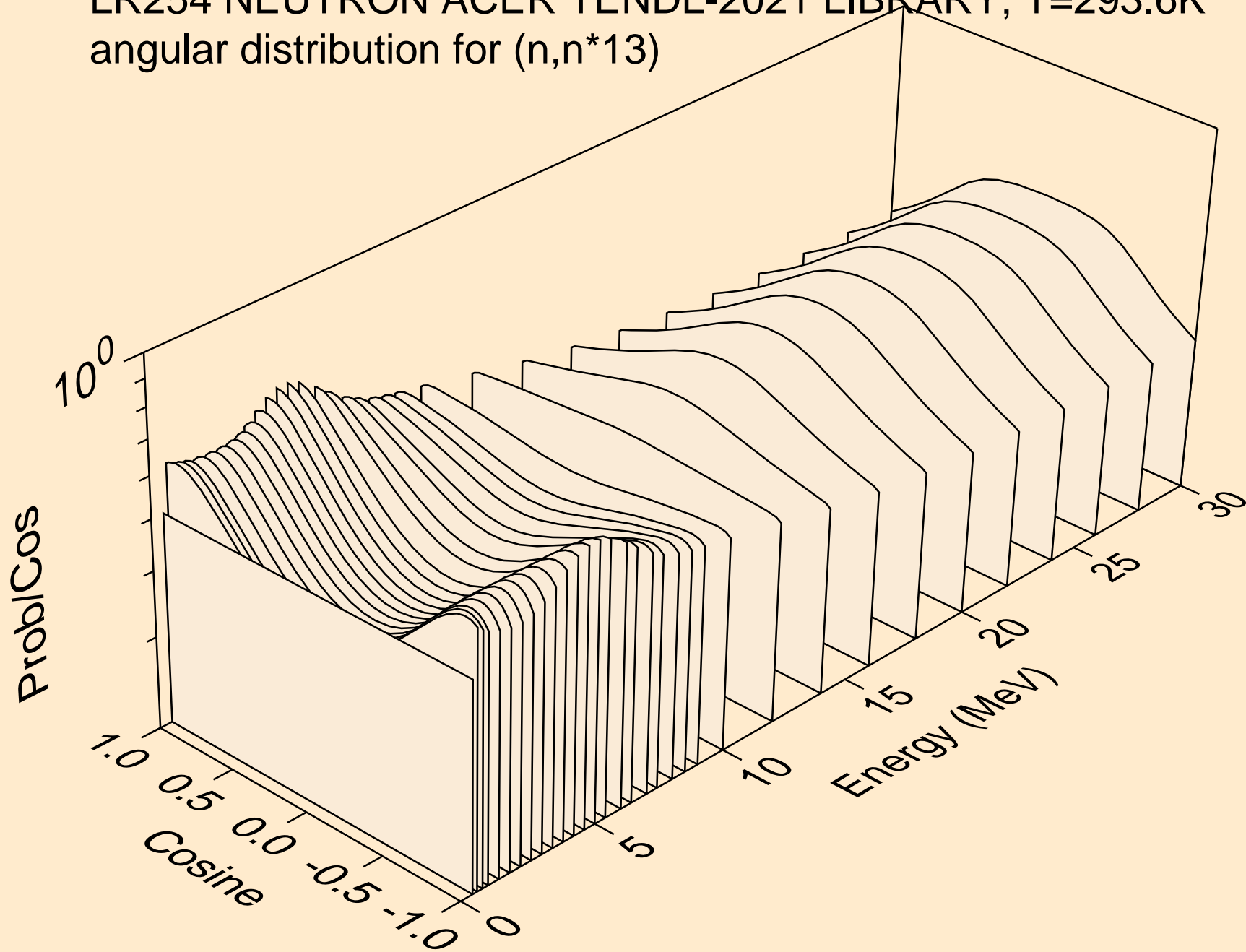
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angular distribution for (n,n\*11)



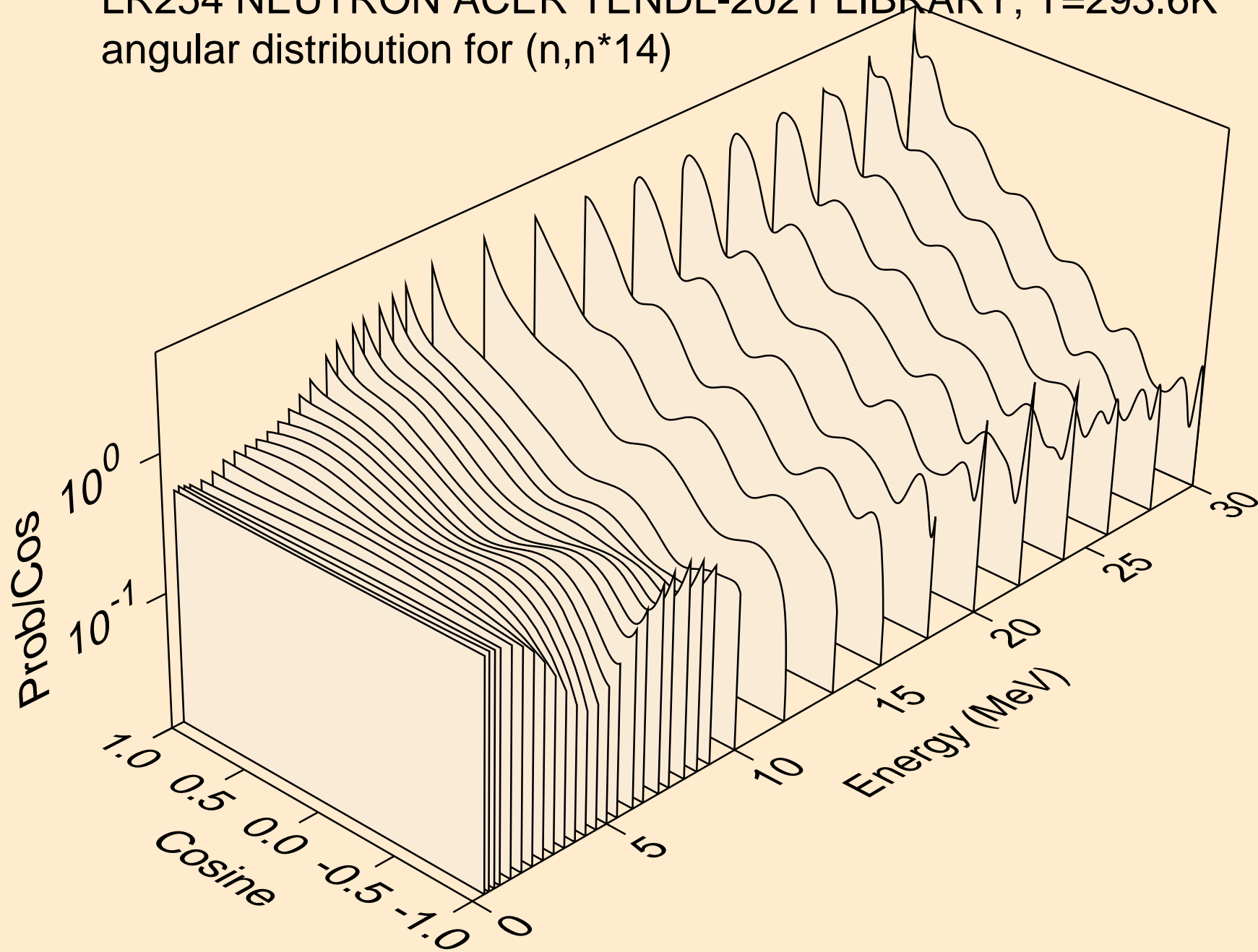
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angular distribution for (n,n\*12)



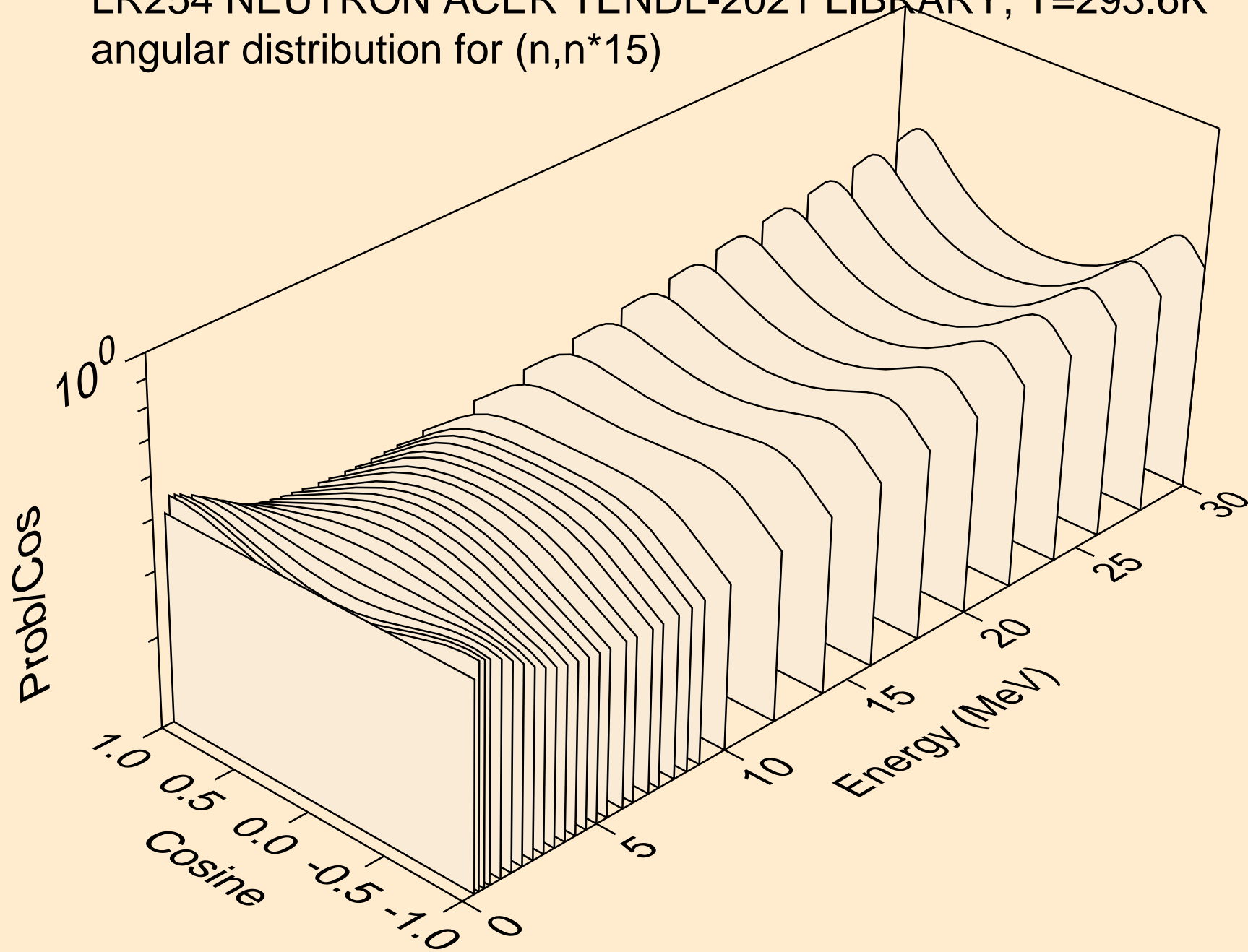
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angular distribution for (n,n\*13)



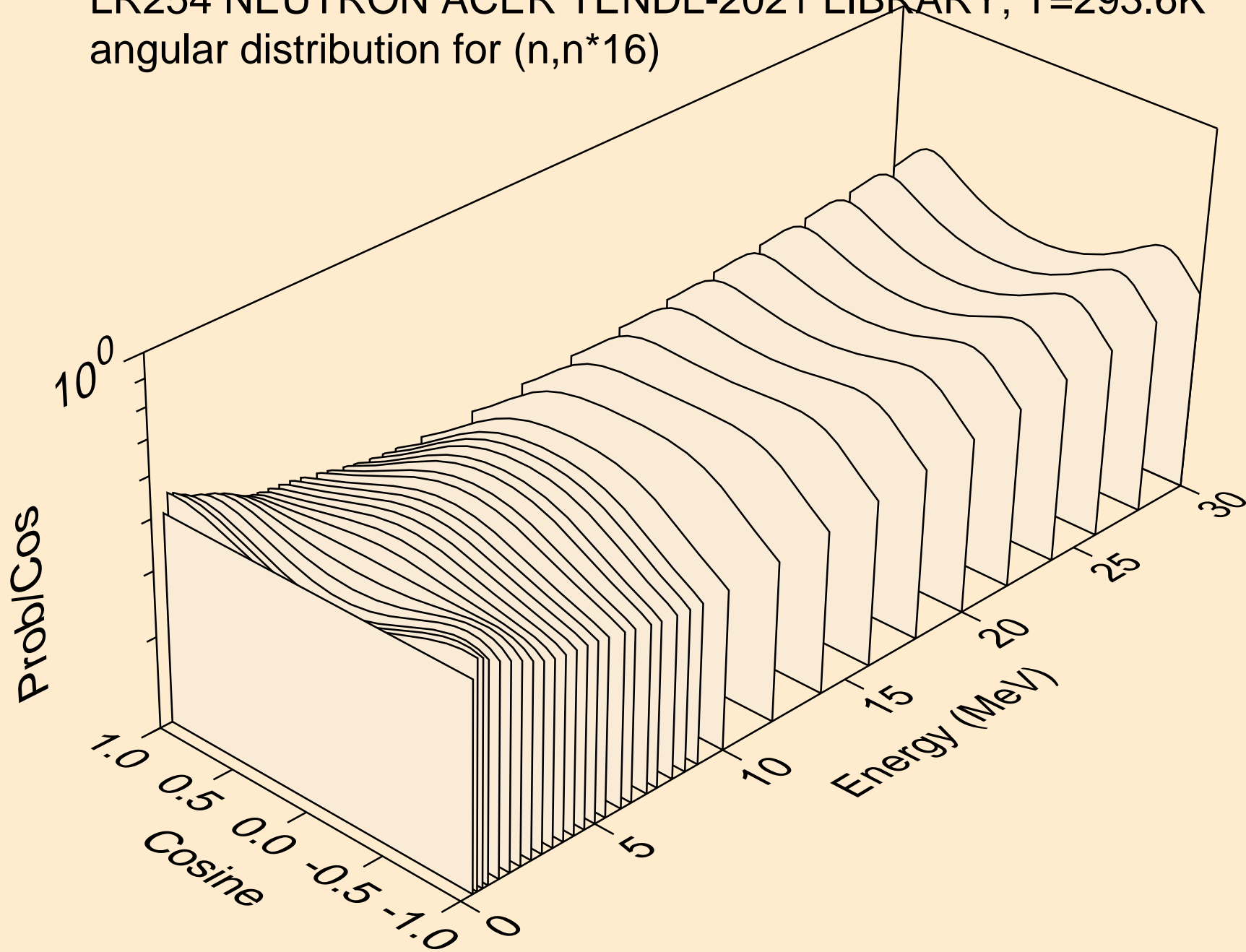
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angular distribution for (n,n\*14)



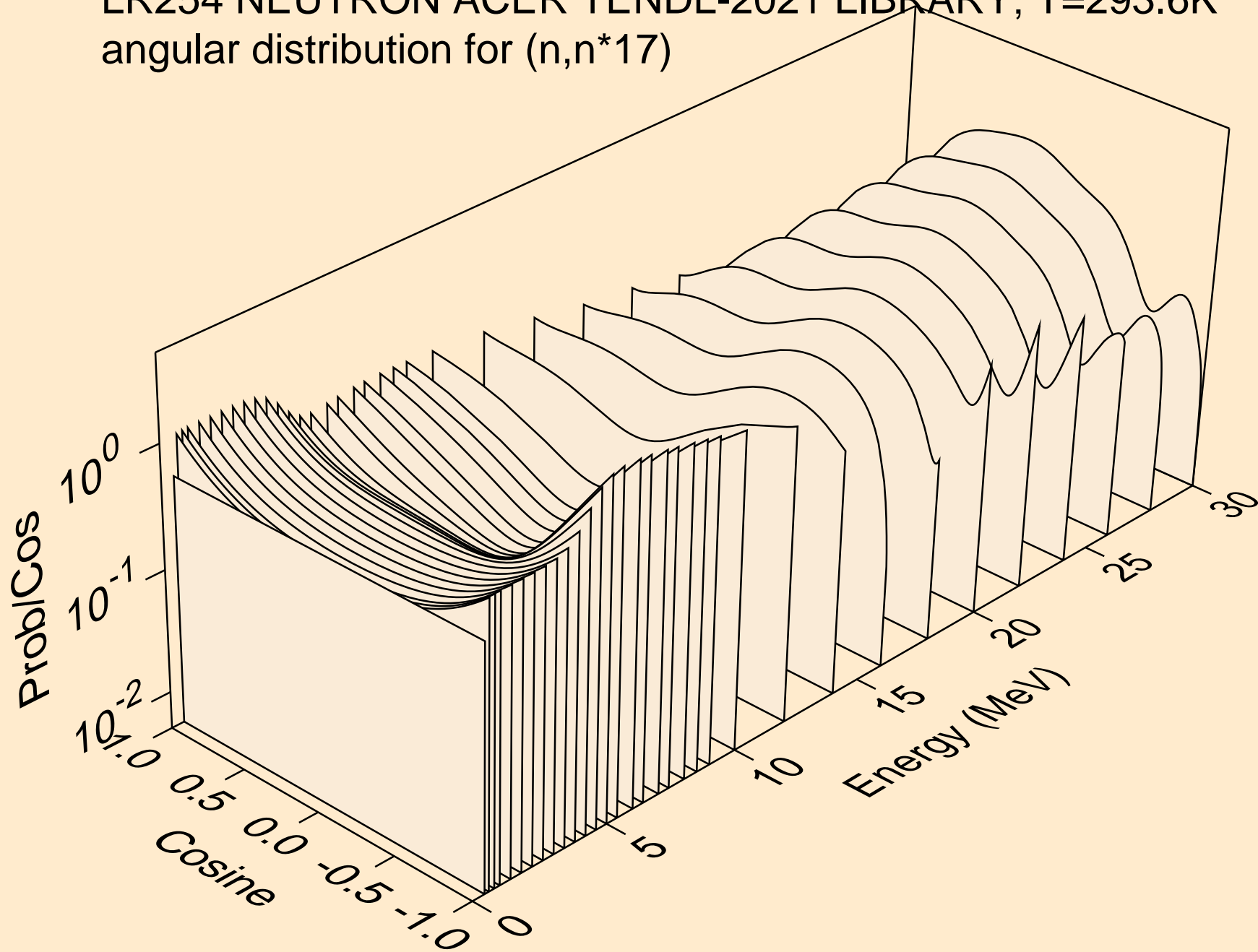
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

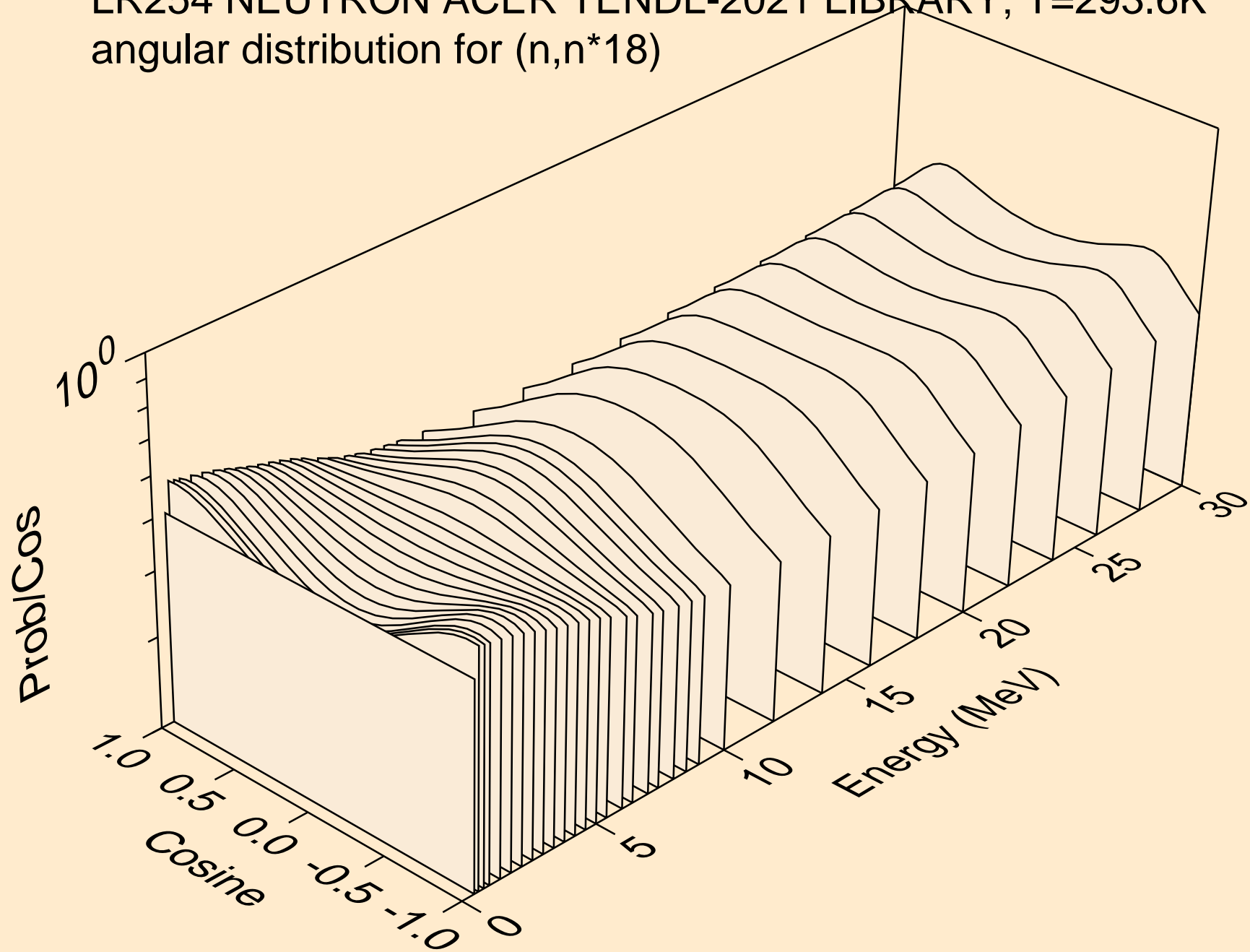


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angular distribution for (n,n\*17)

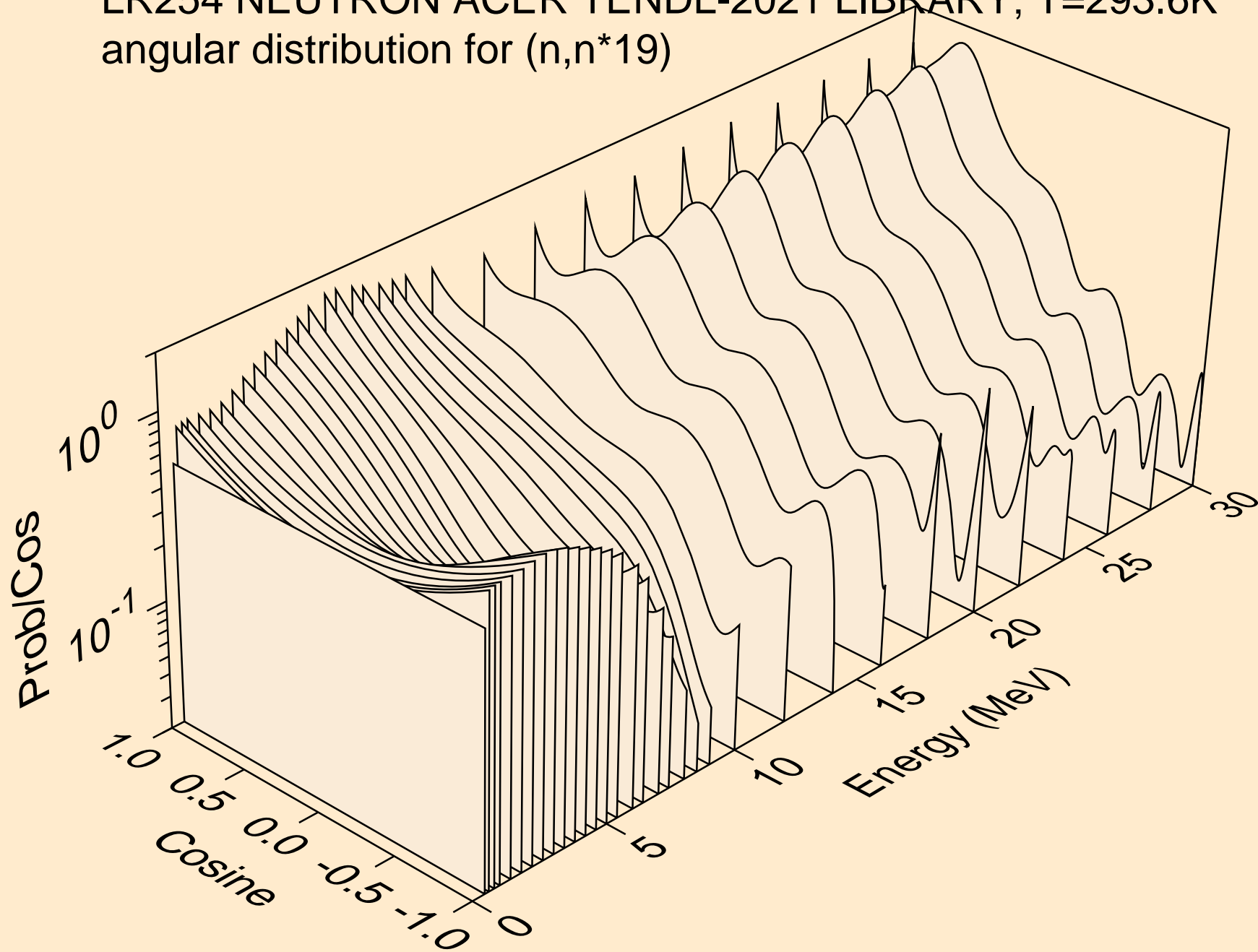




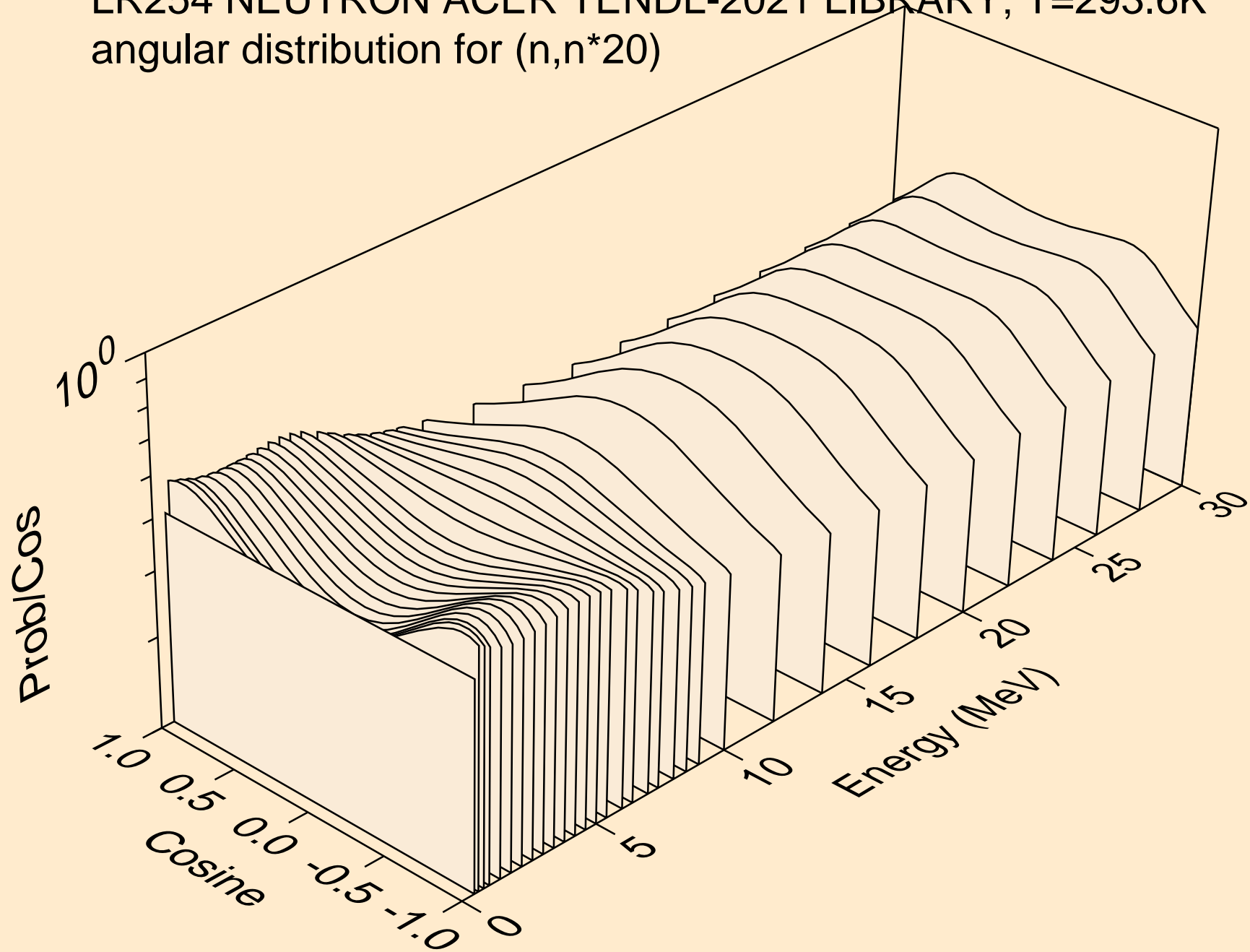
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angular distribution for (n,n\*18)



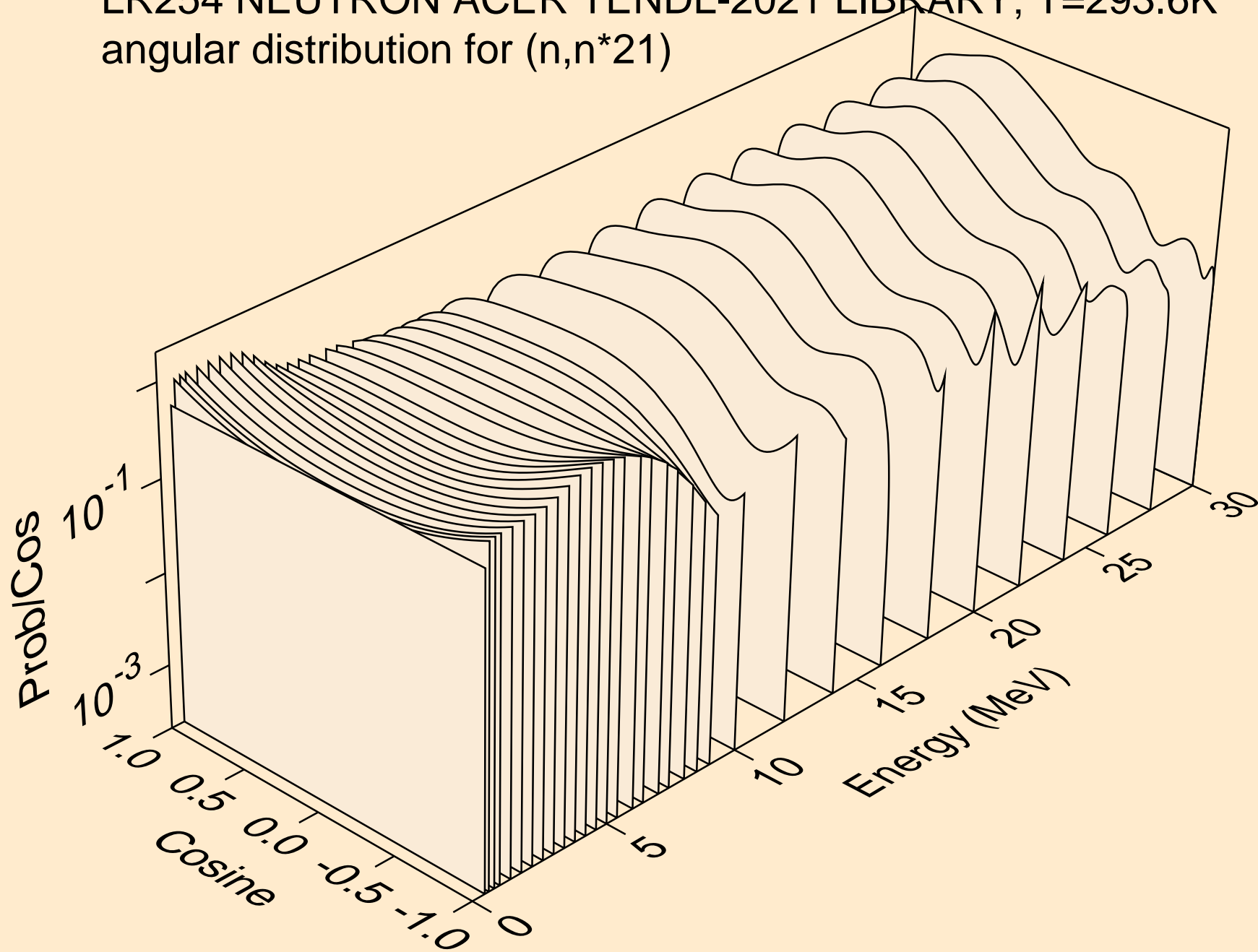
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angular distribution for (n,n\*19)



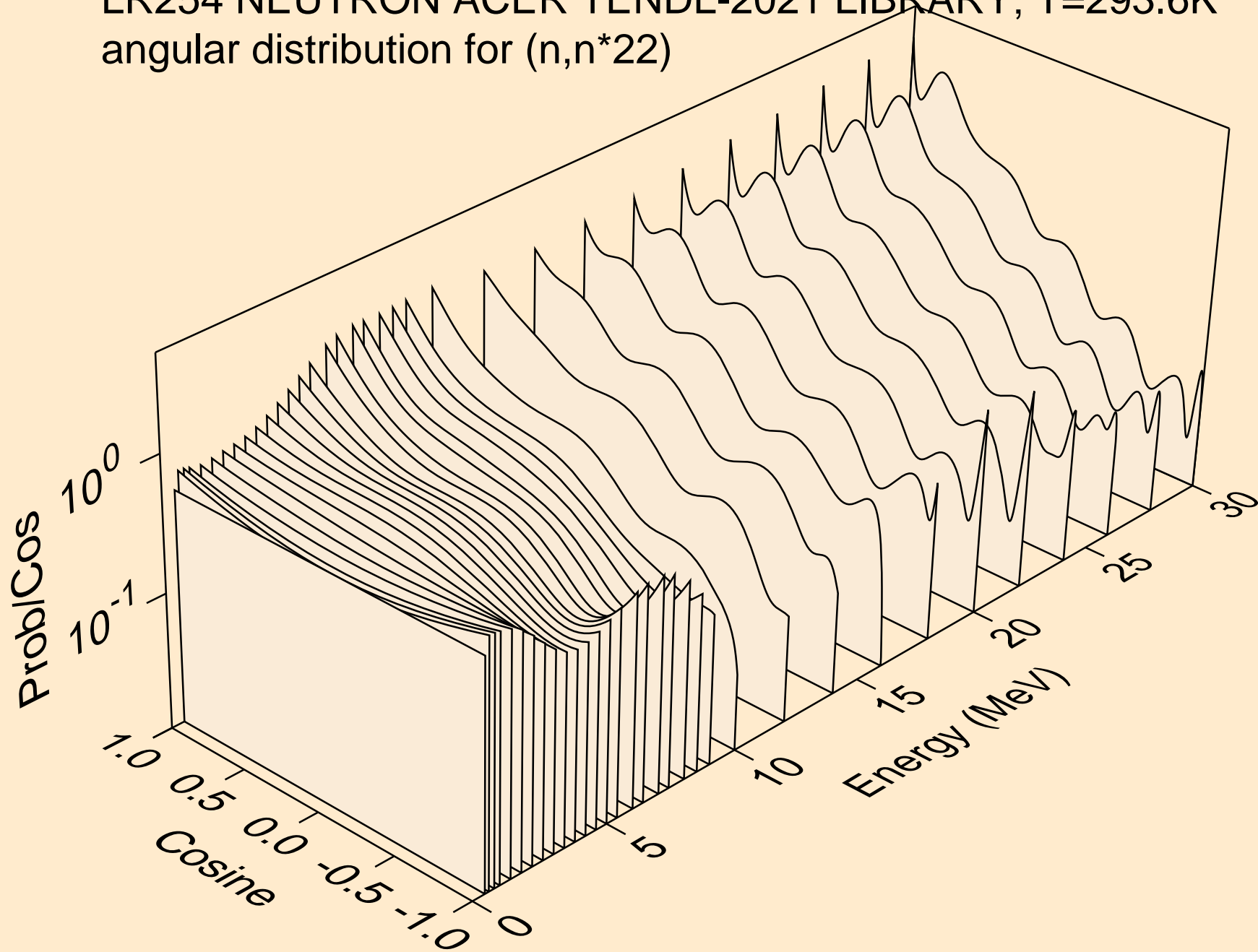
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angular distribution for (n,n\*20)



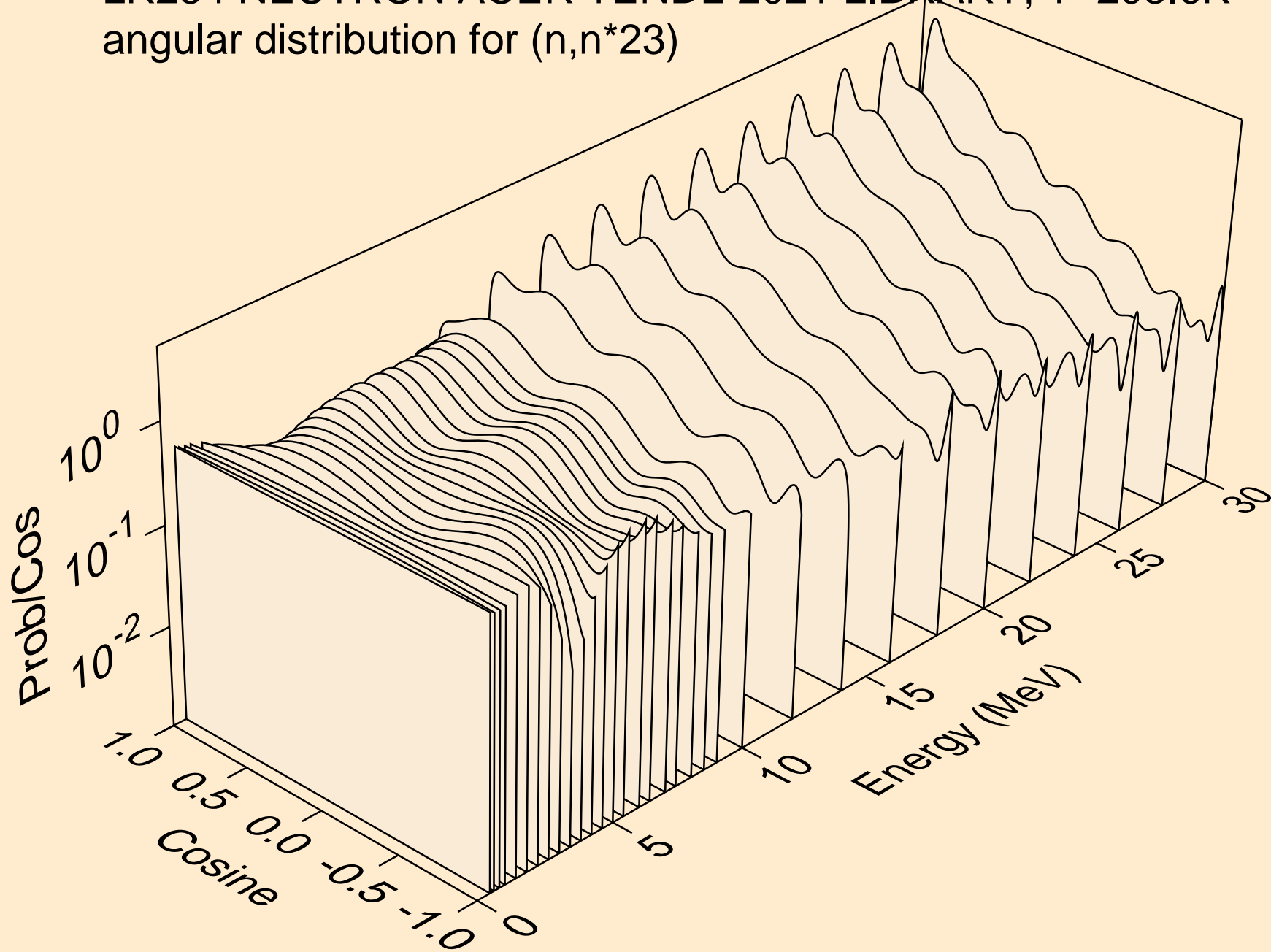
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angular distribution for (n,n\*21)



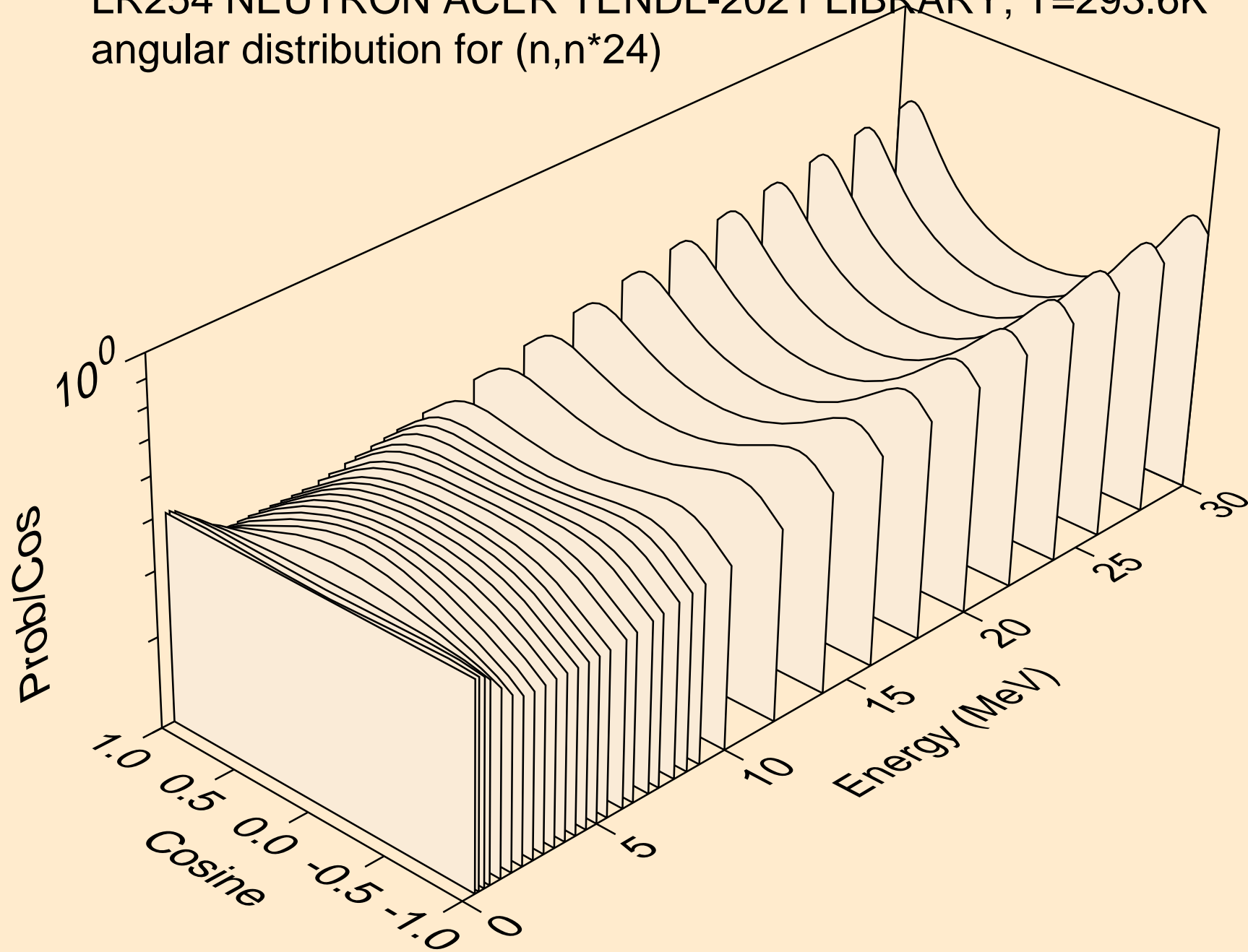
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



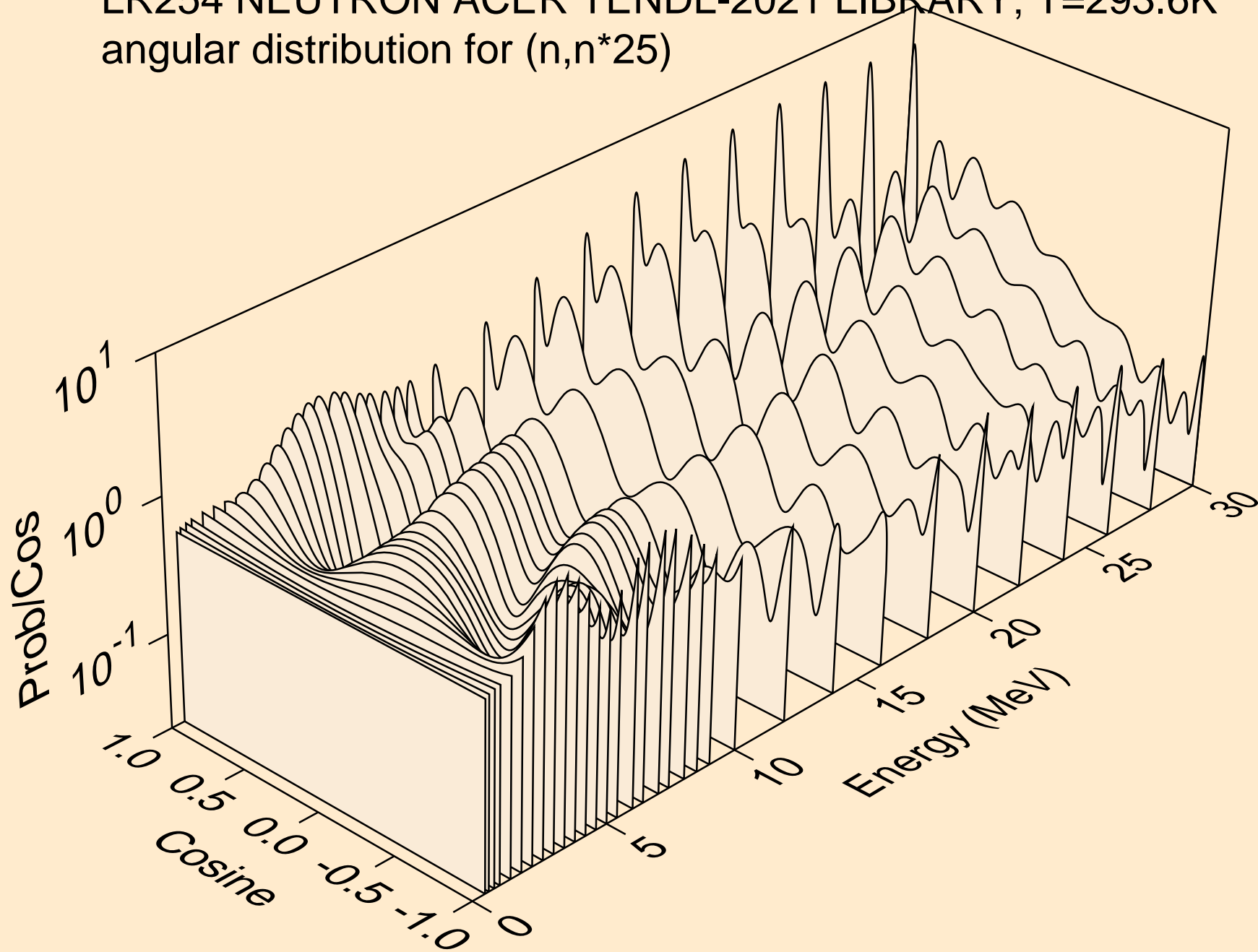
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

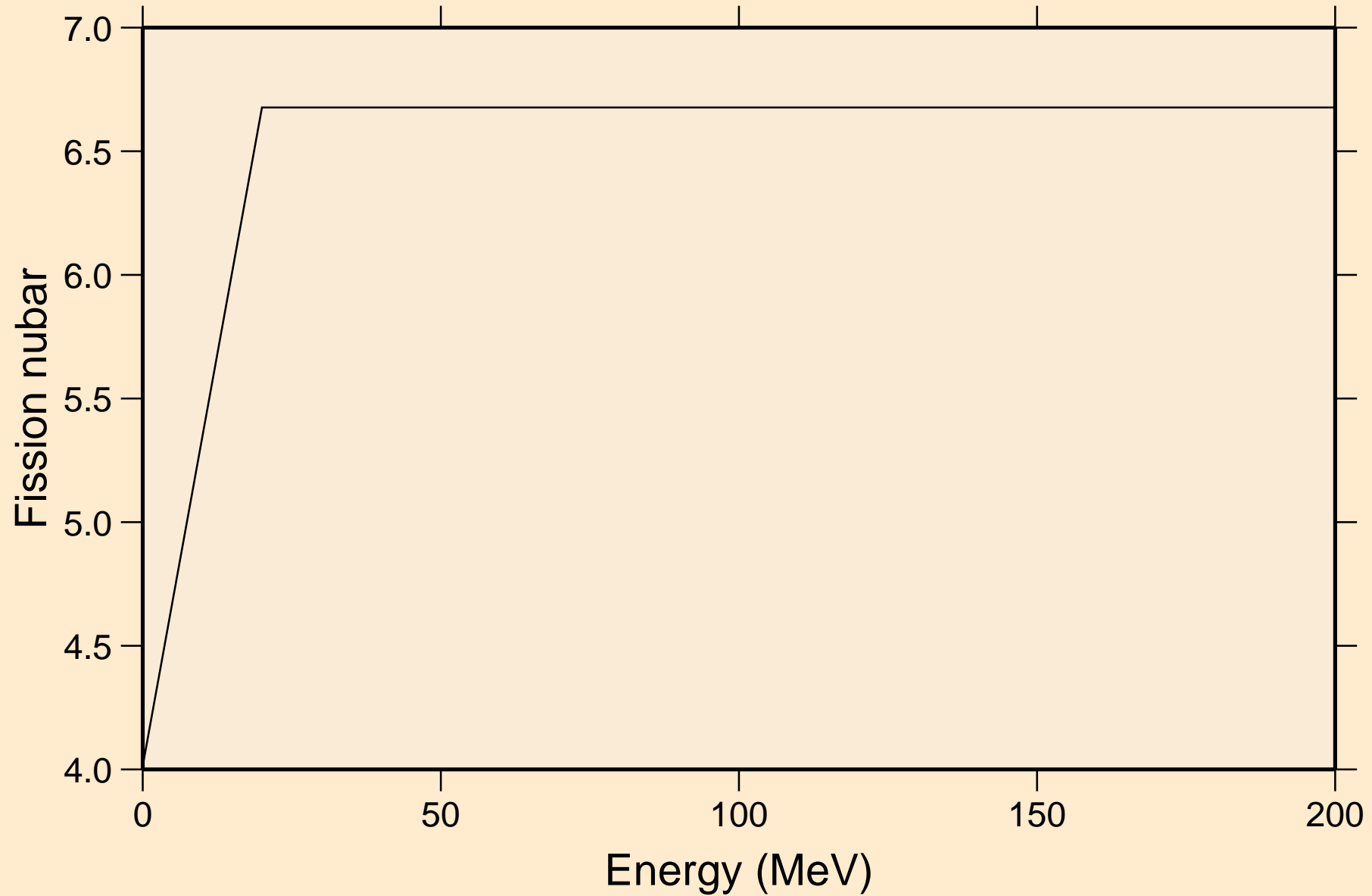


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

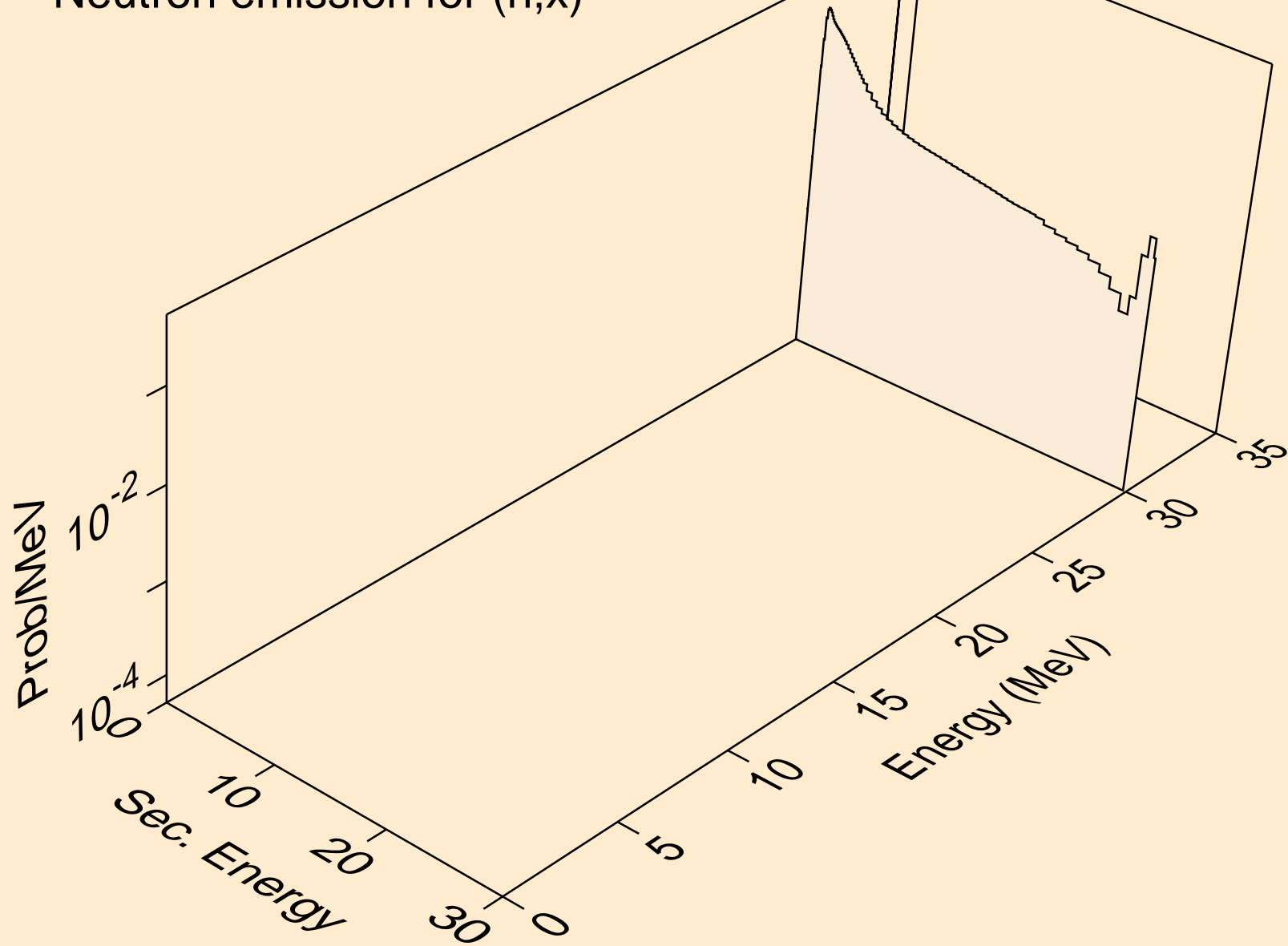




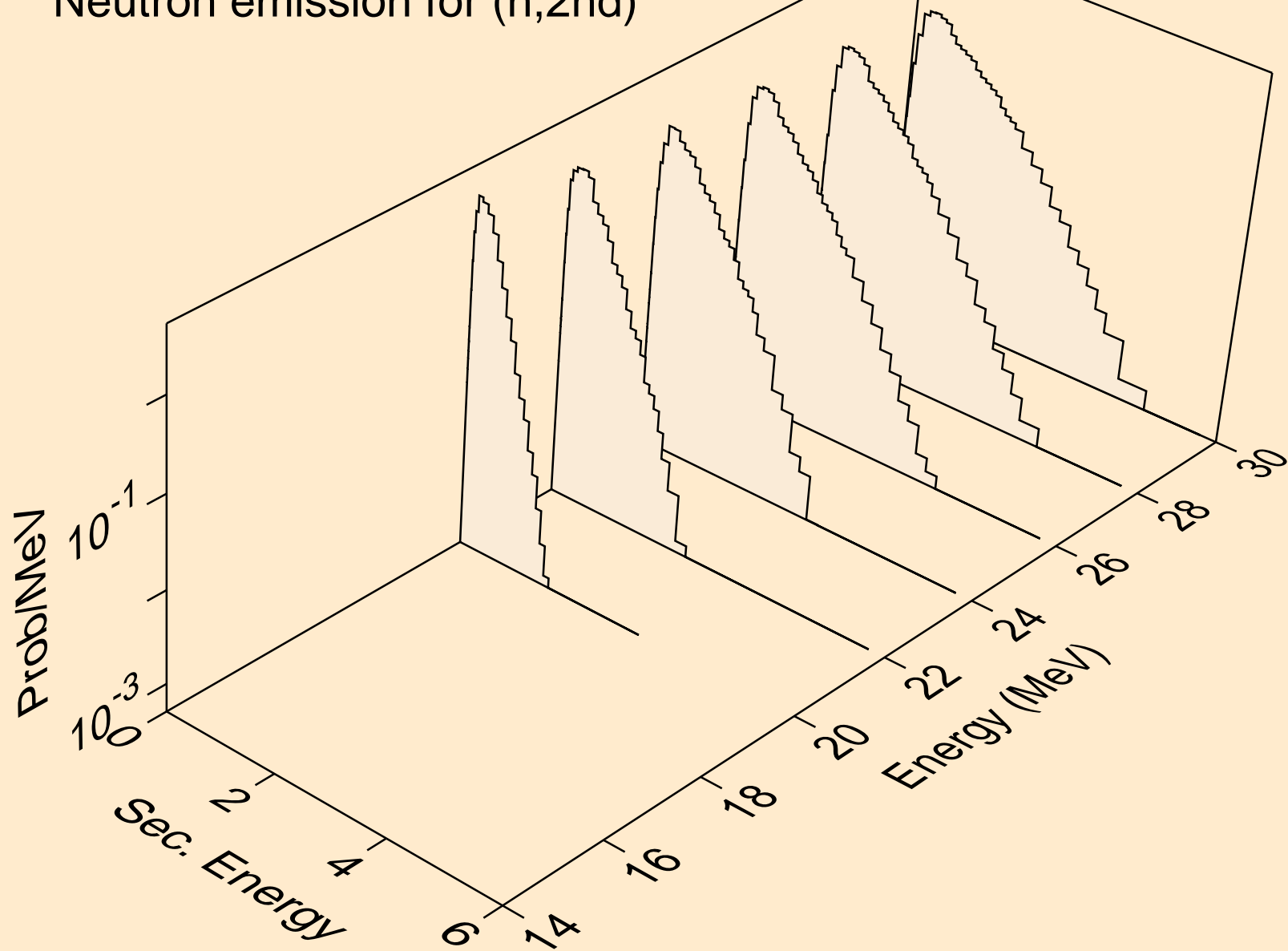
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



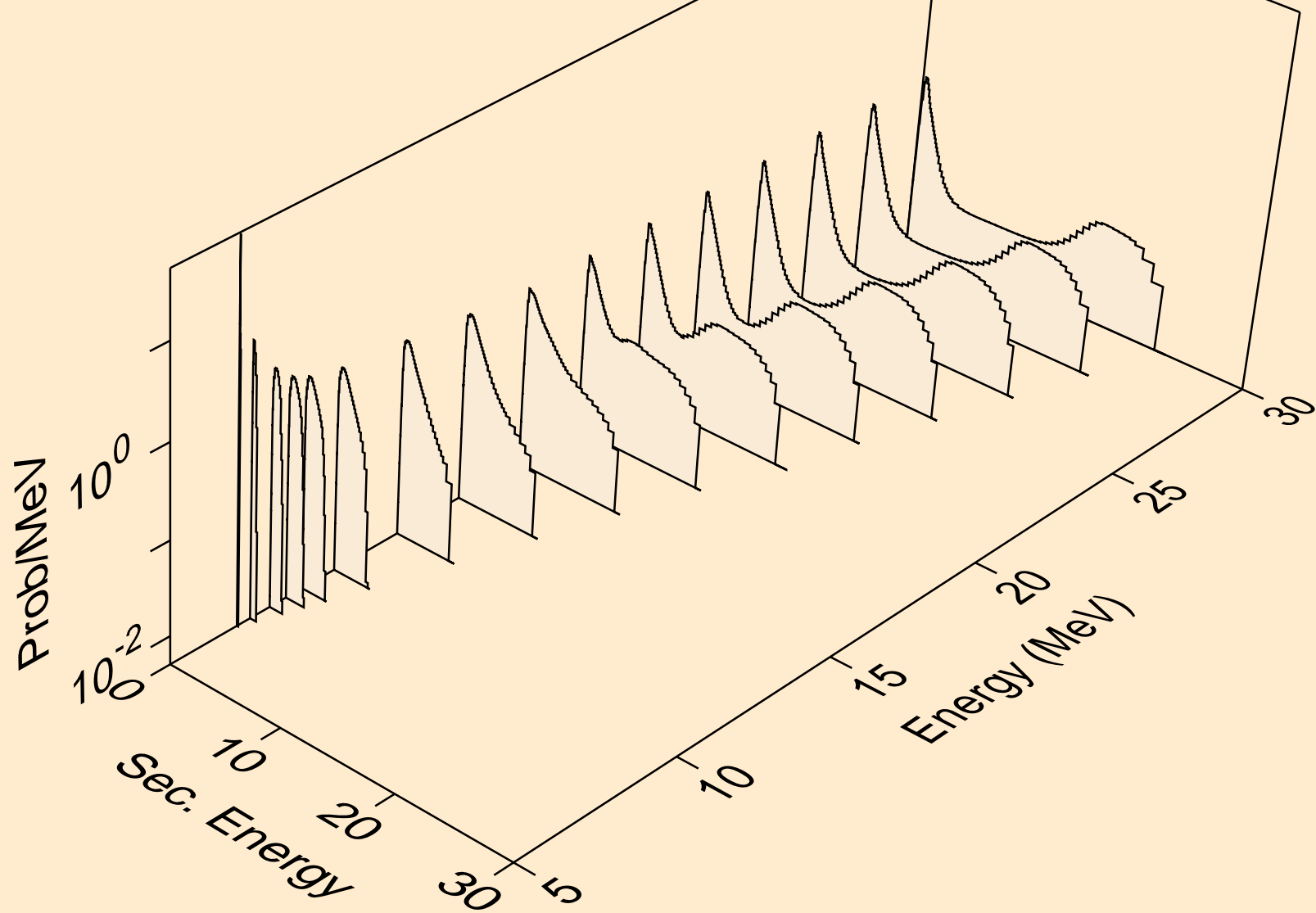
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



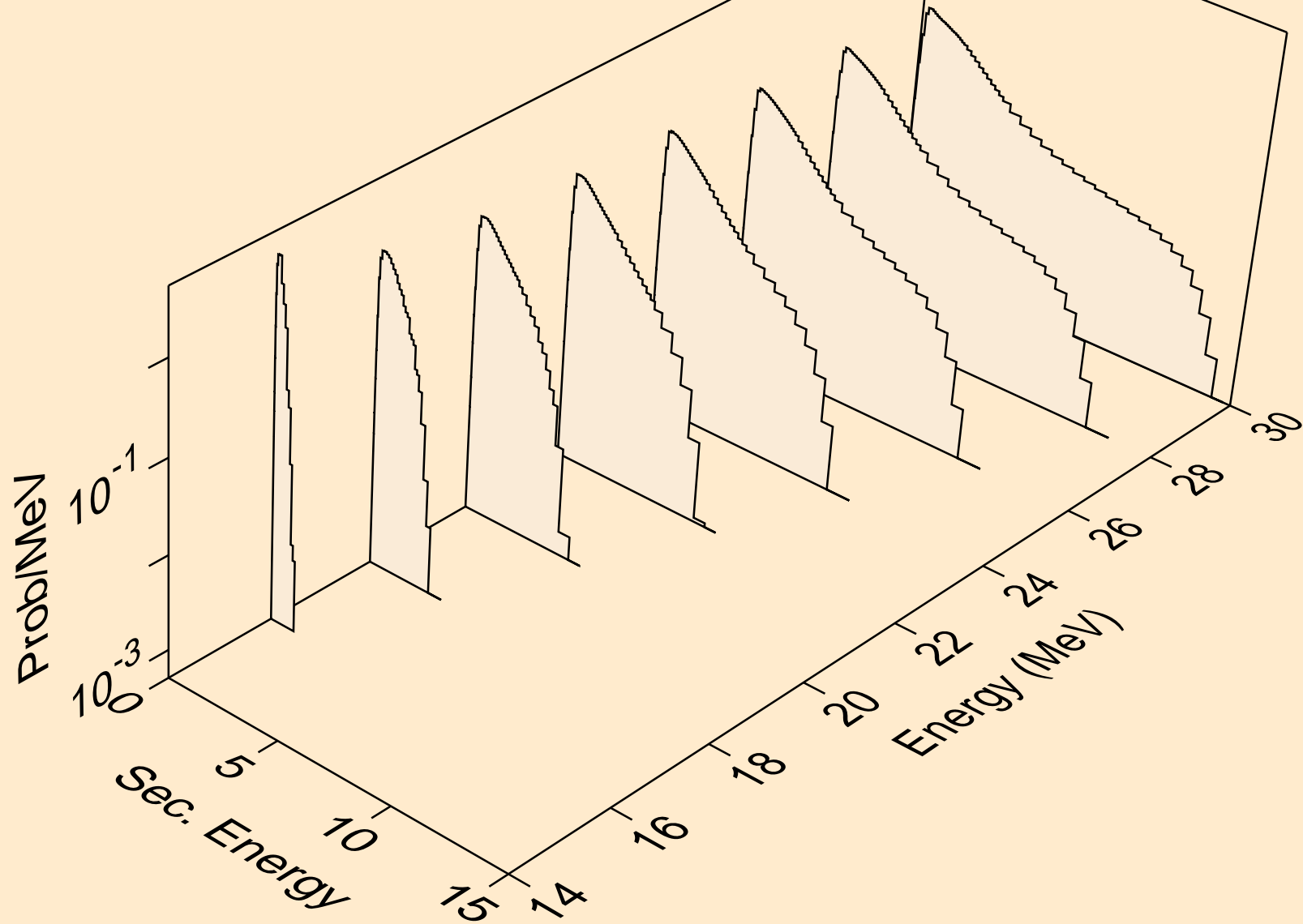
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



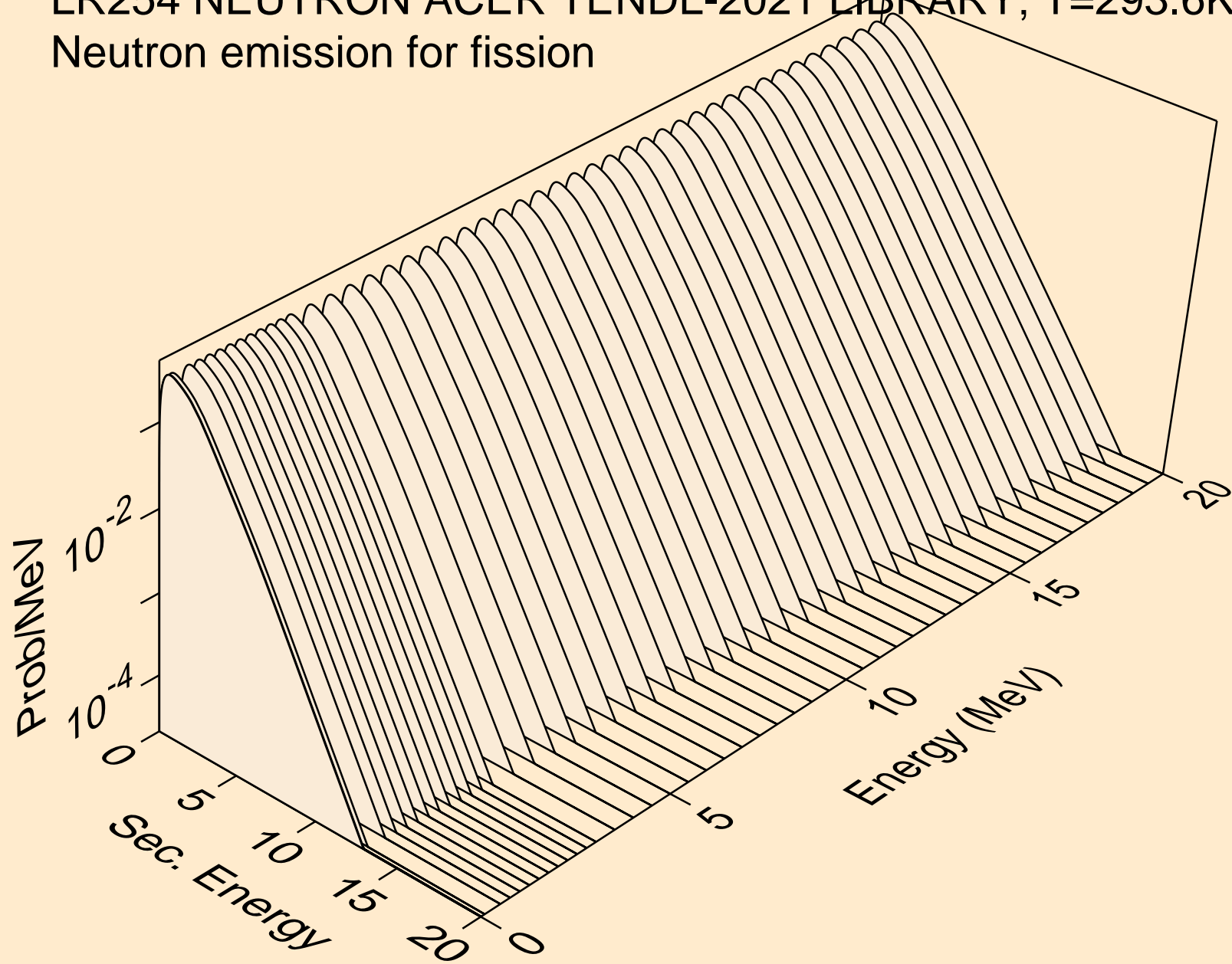
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



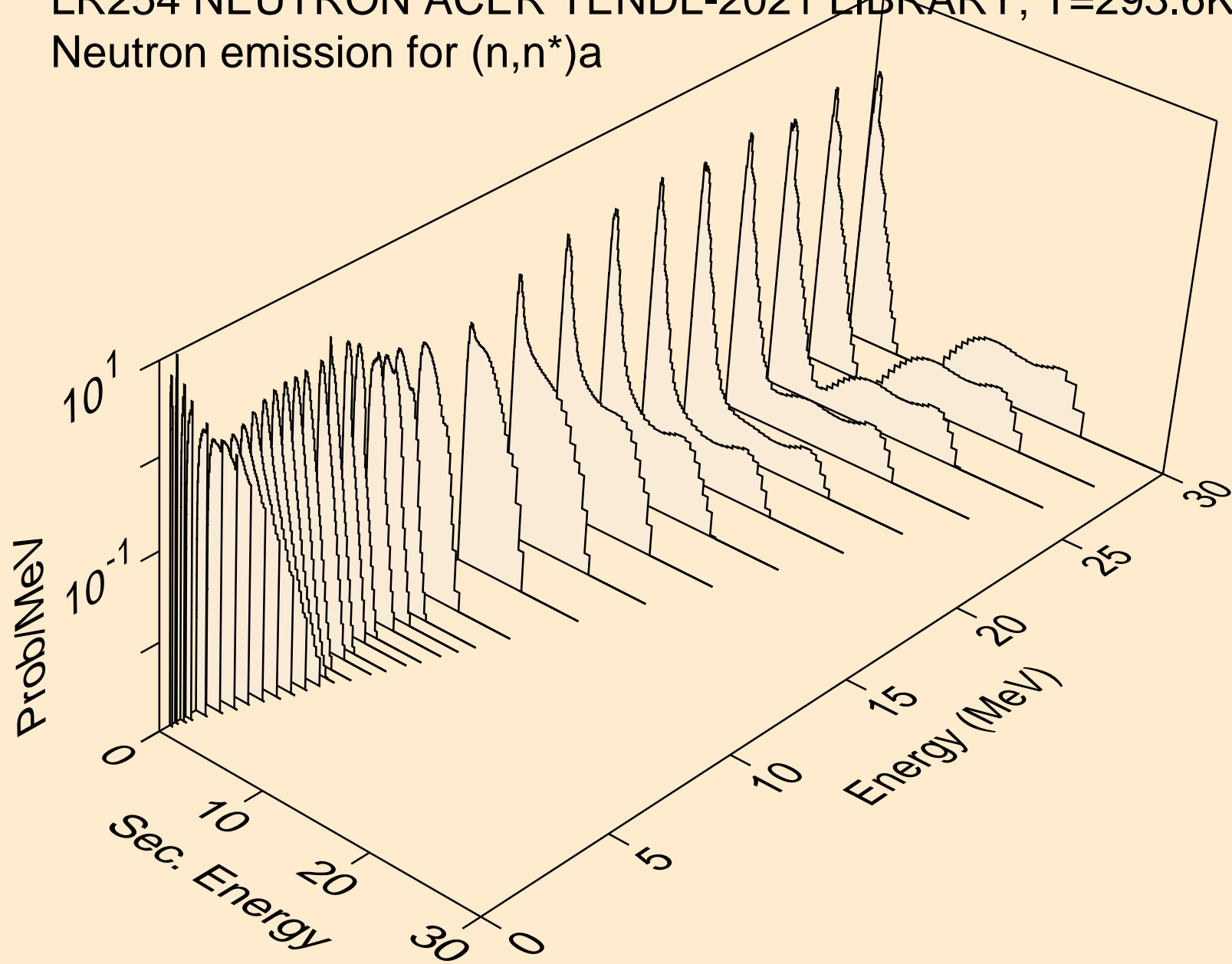
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



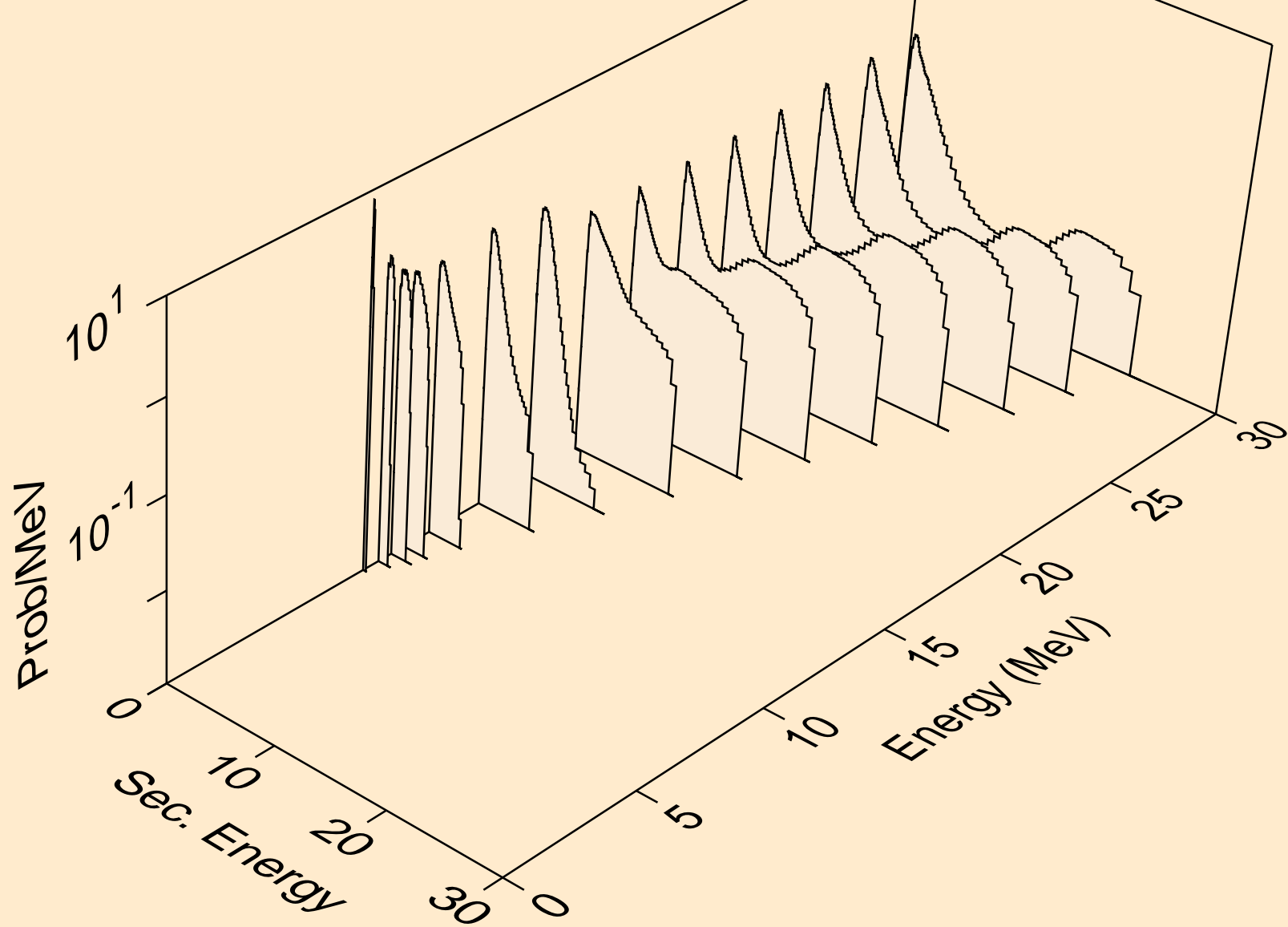
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

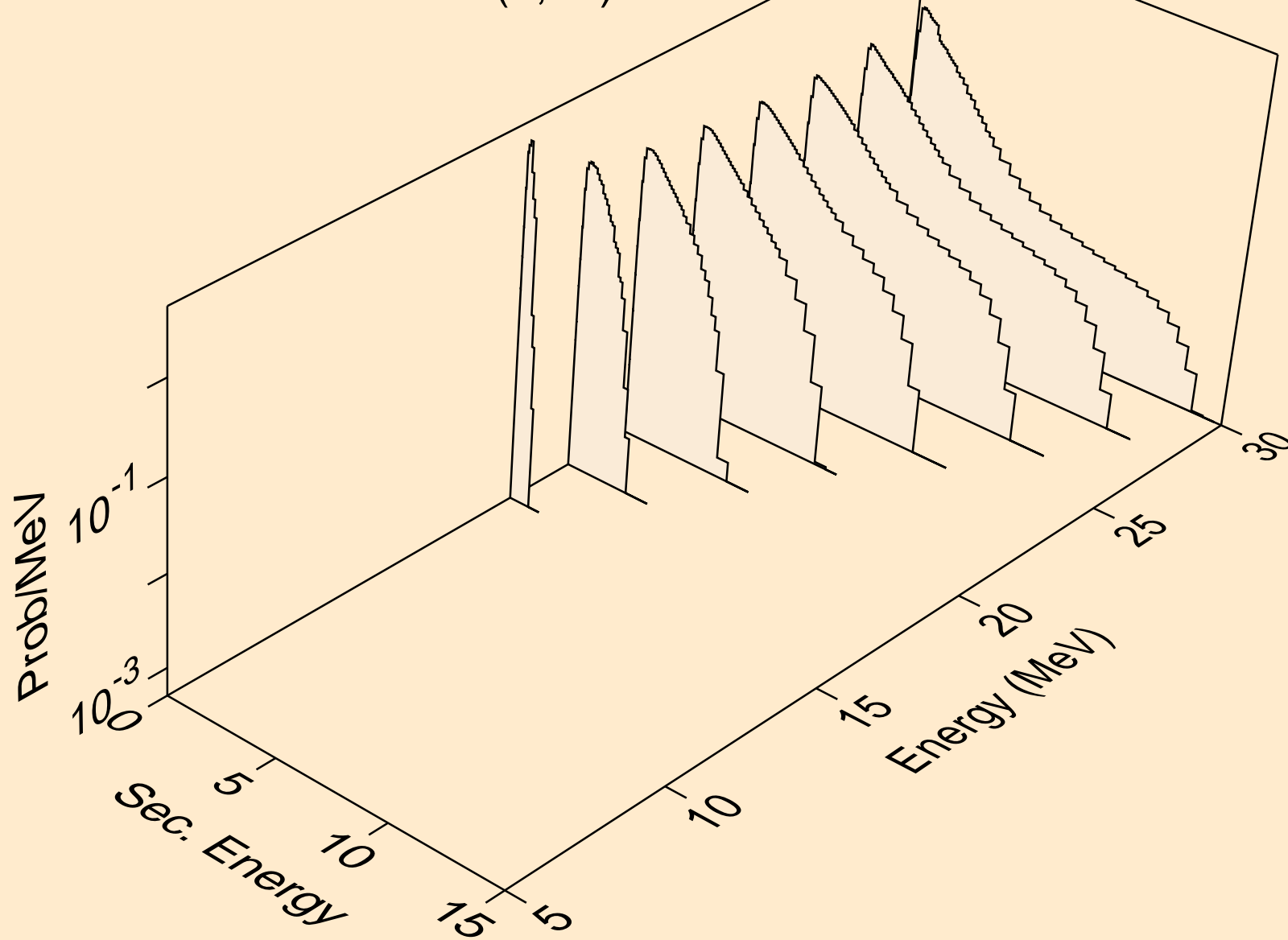


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

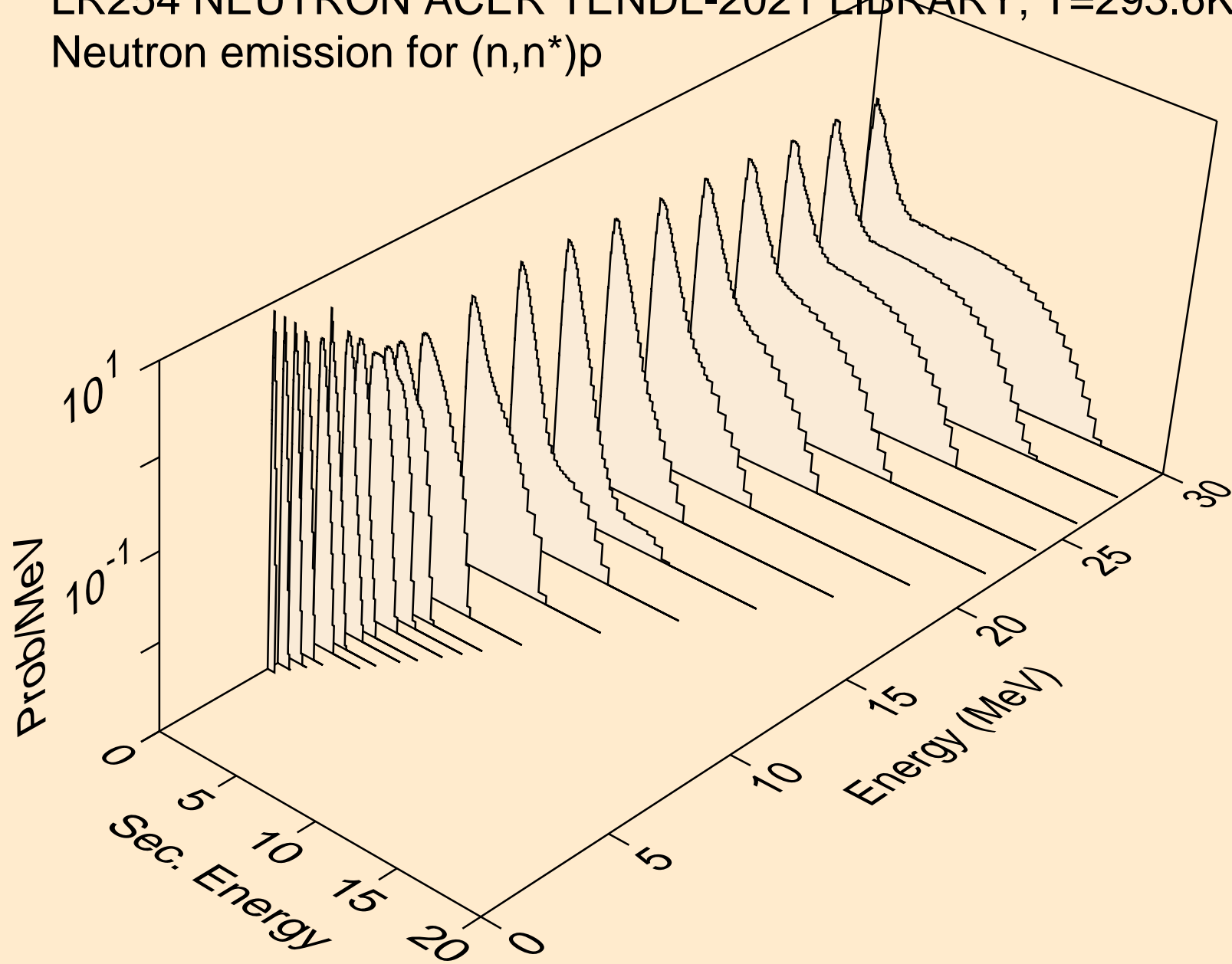




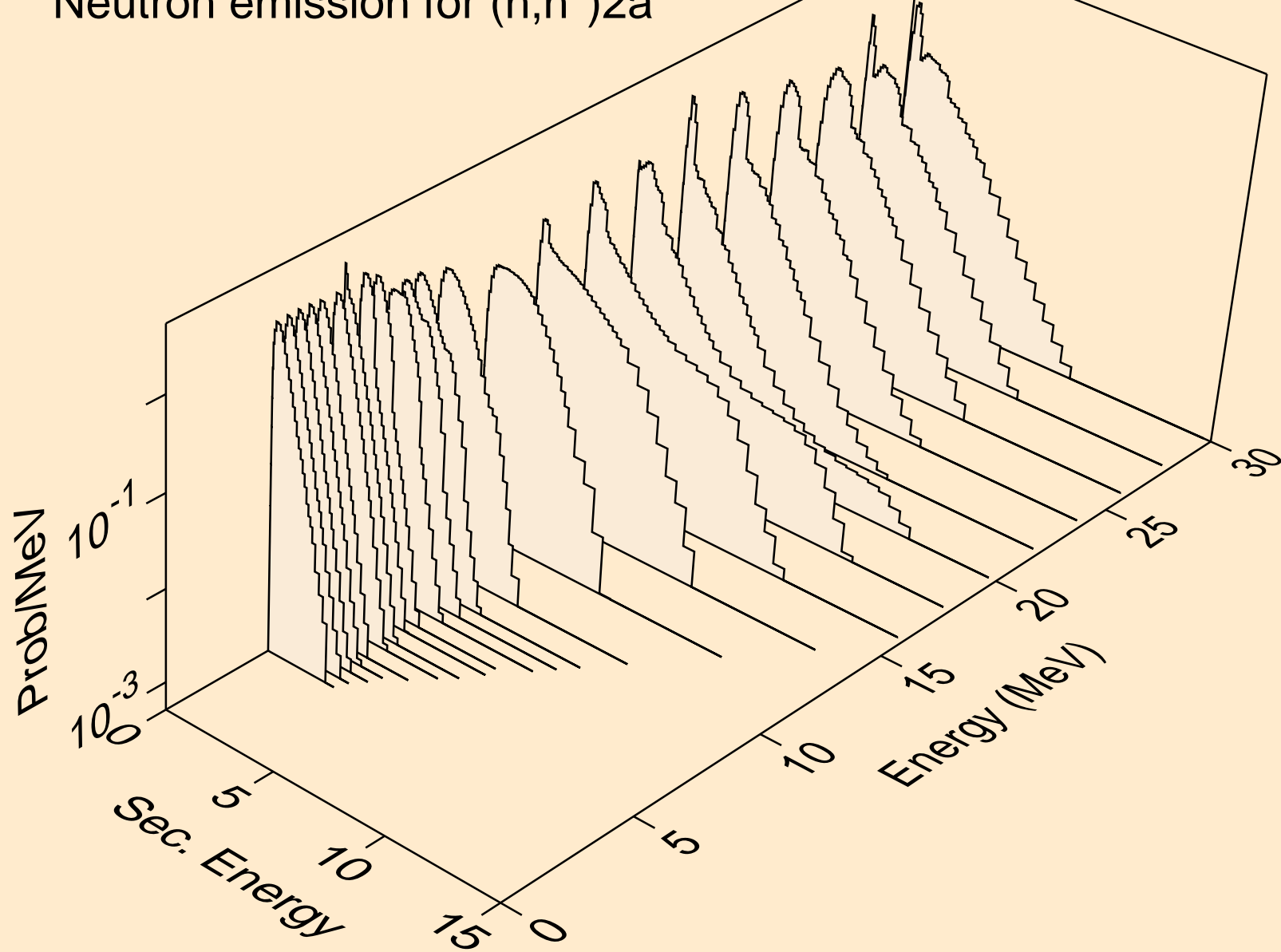
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



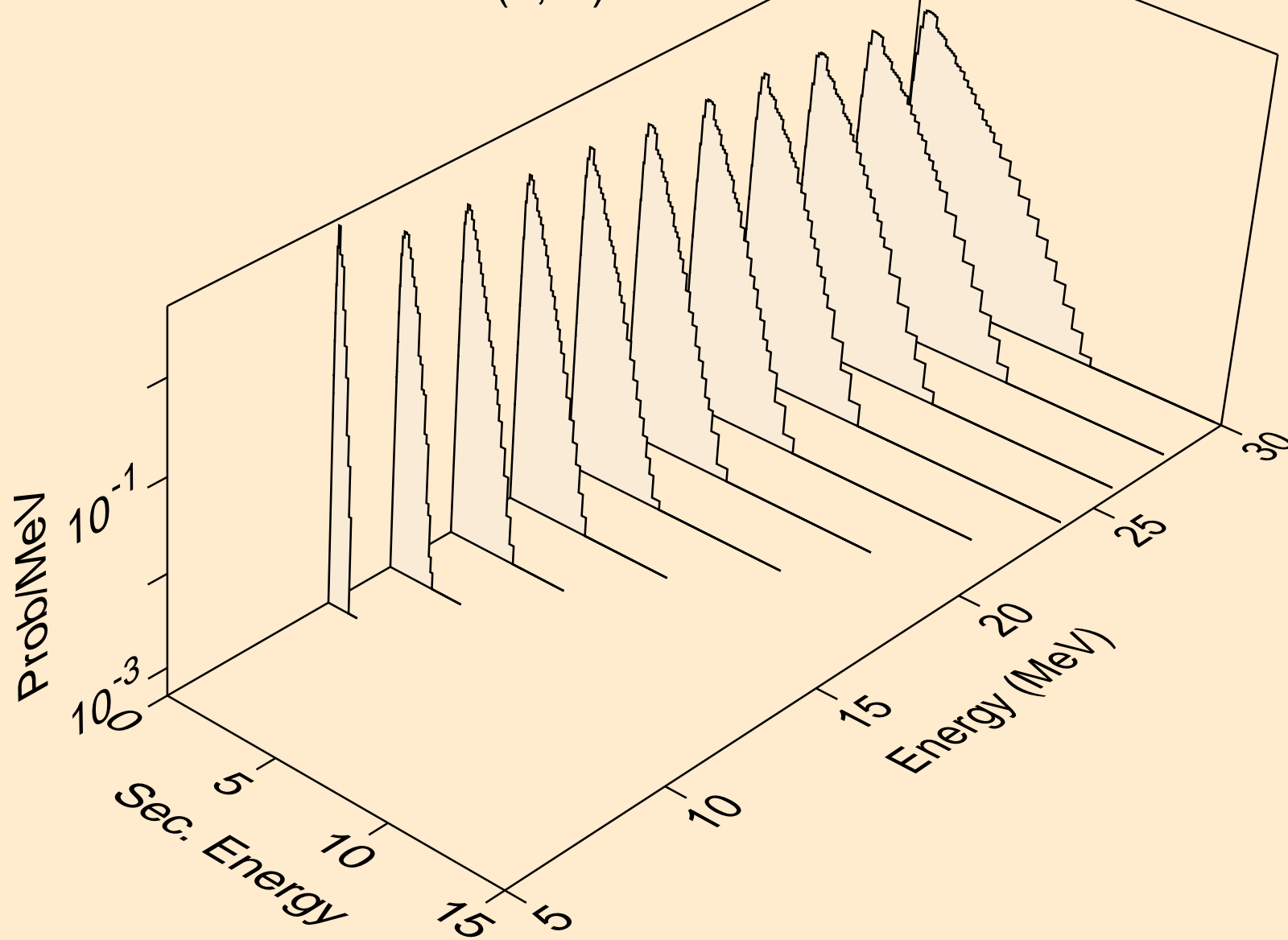
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



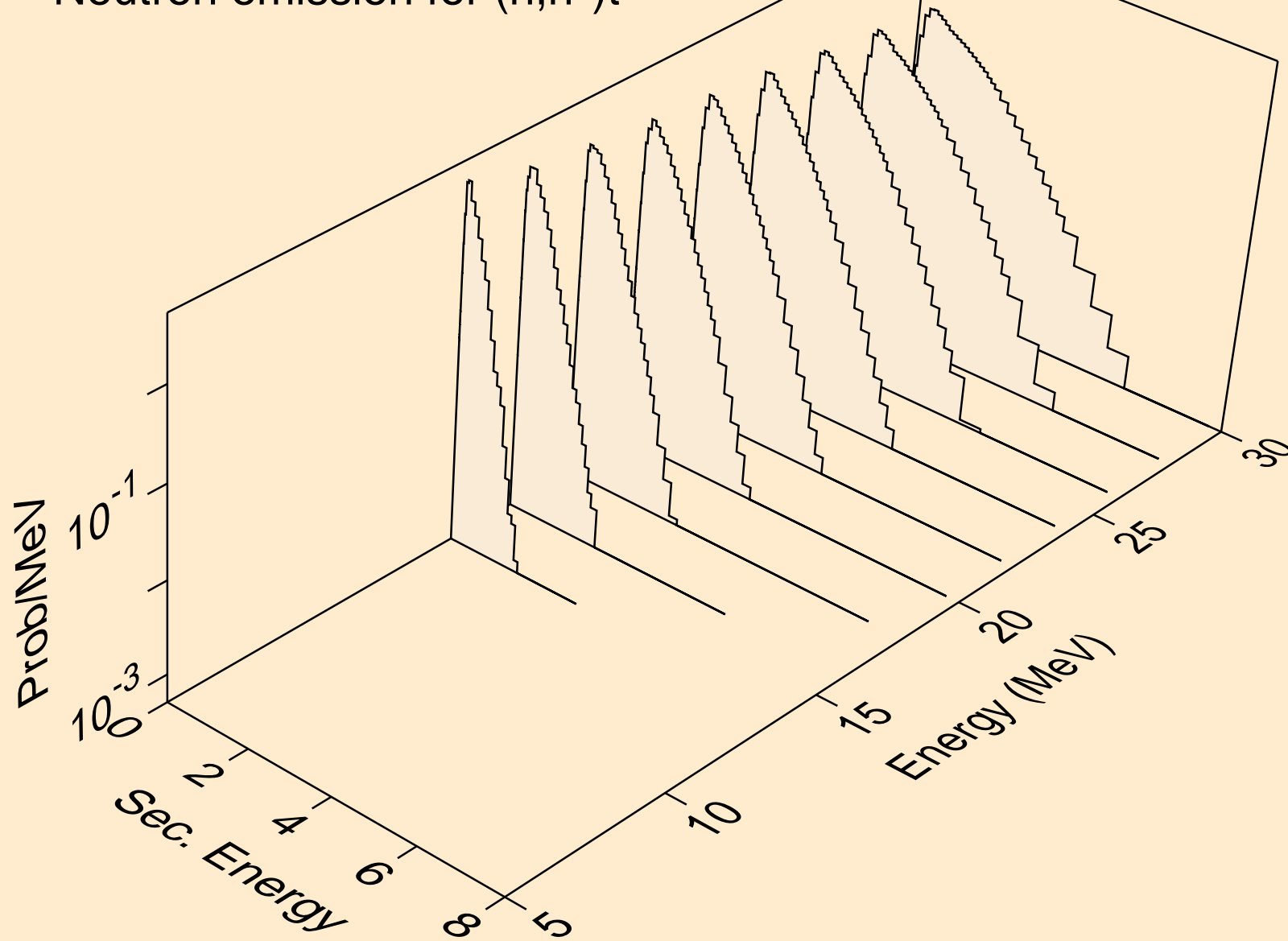
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



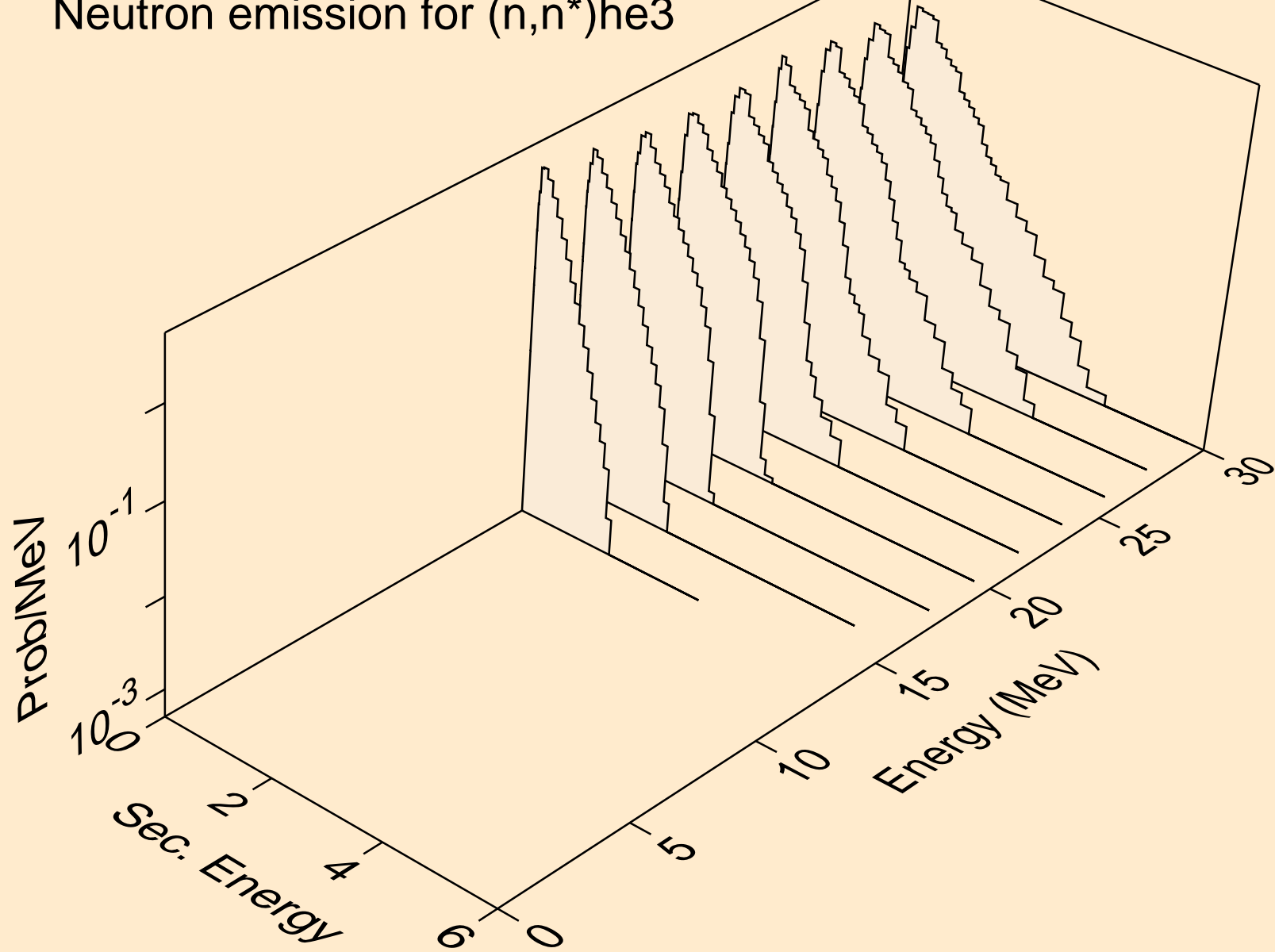
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



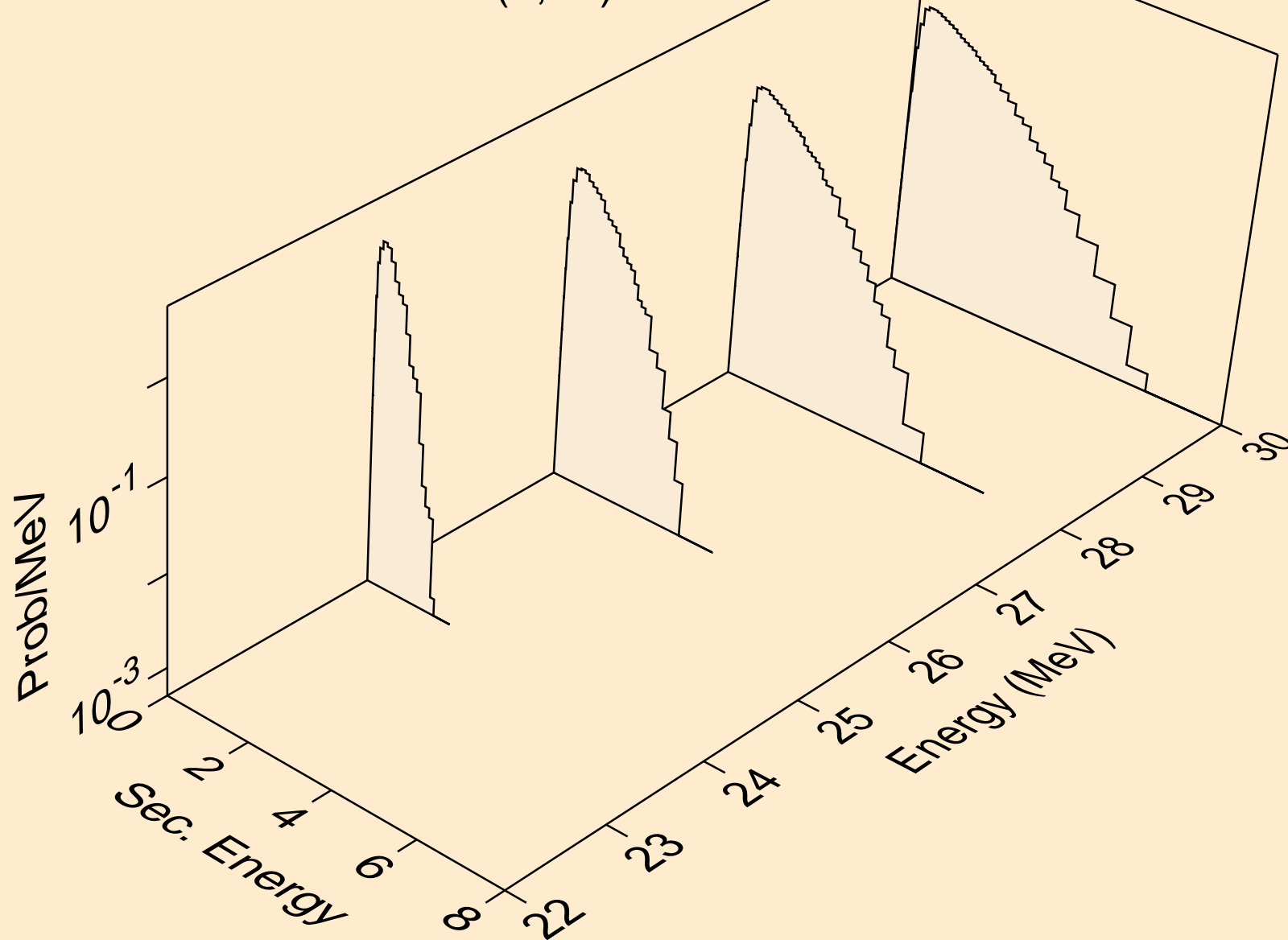
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



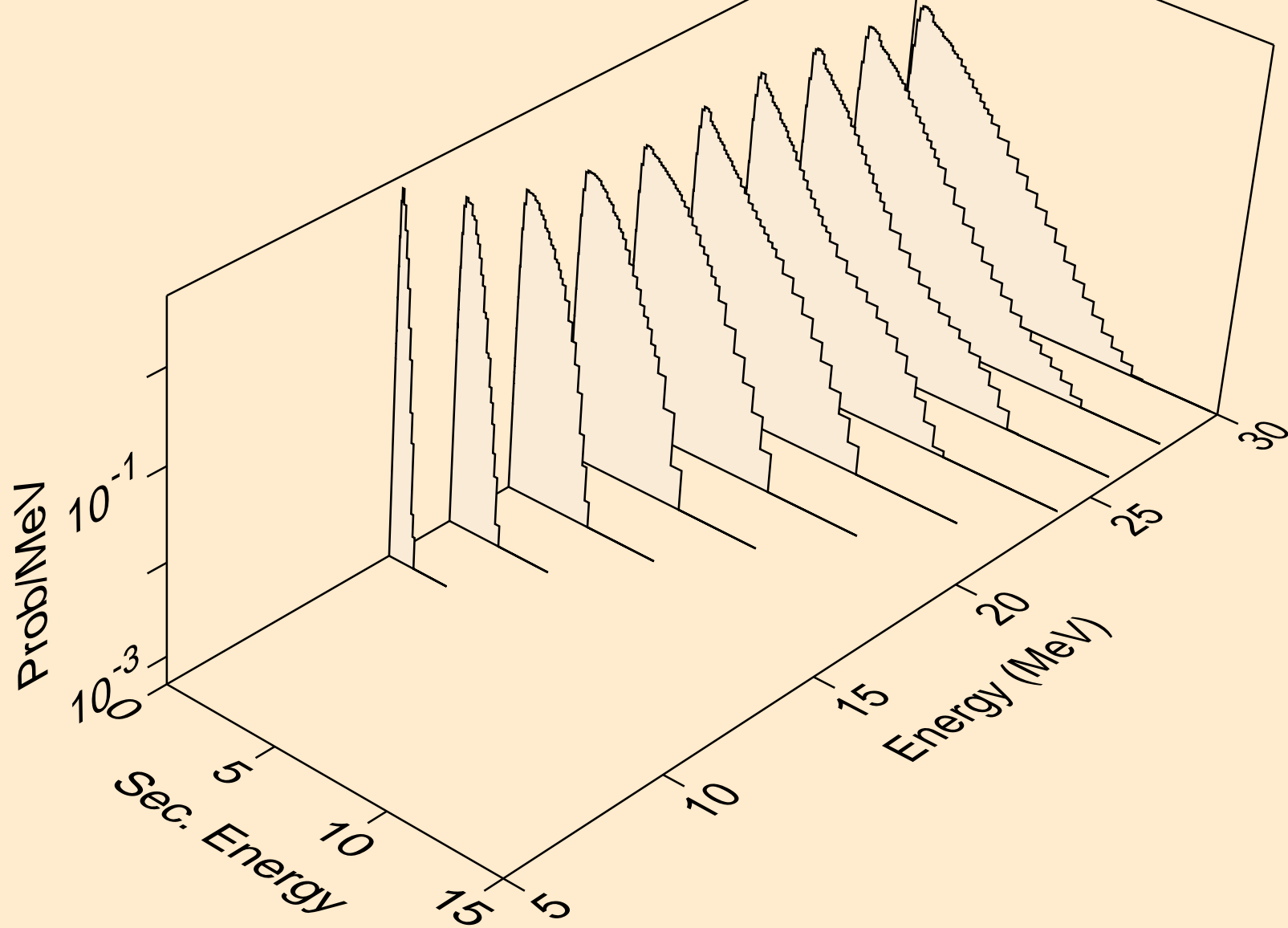
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

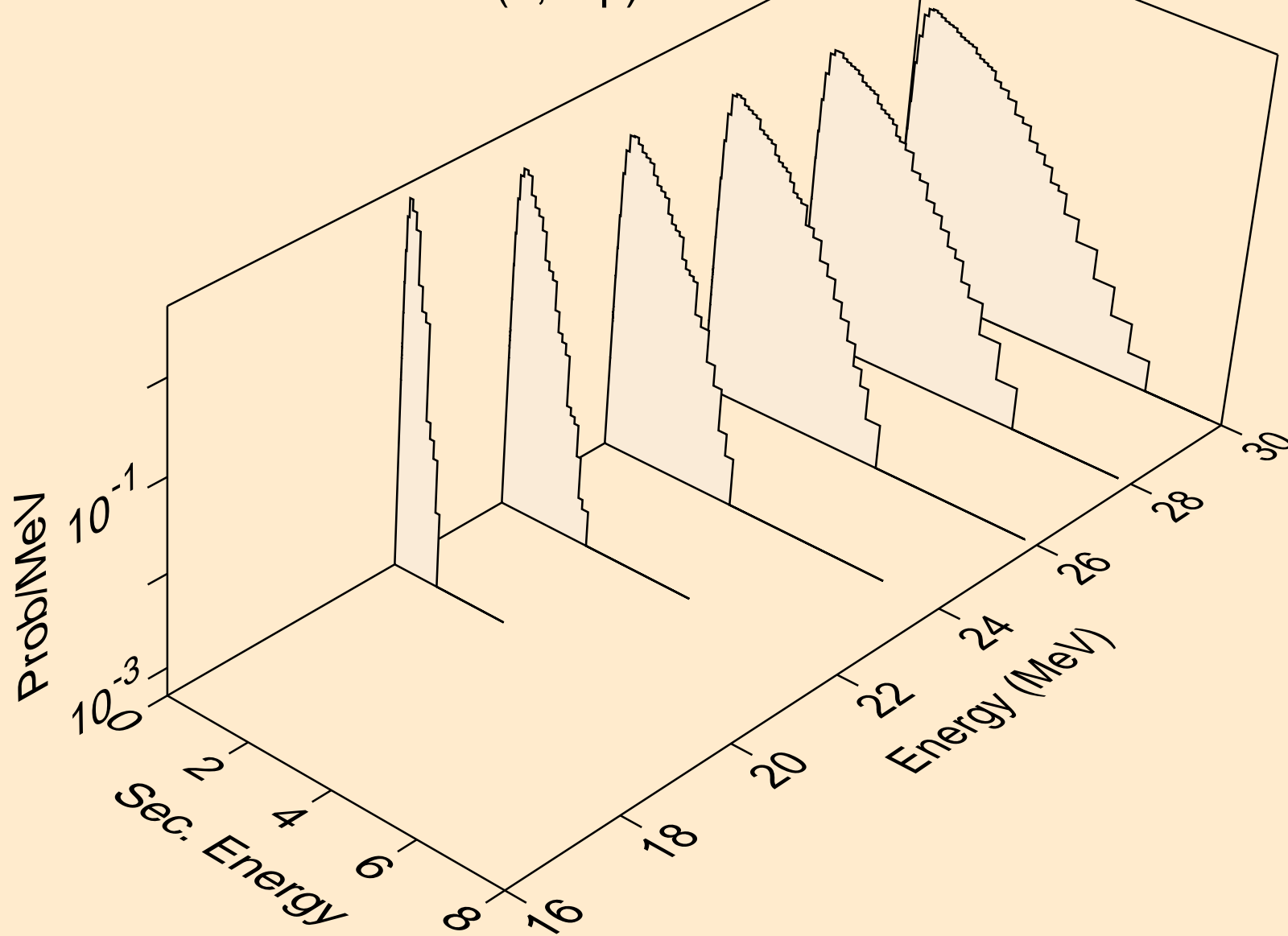


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

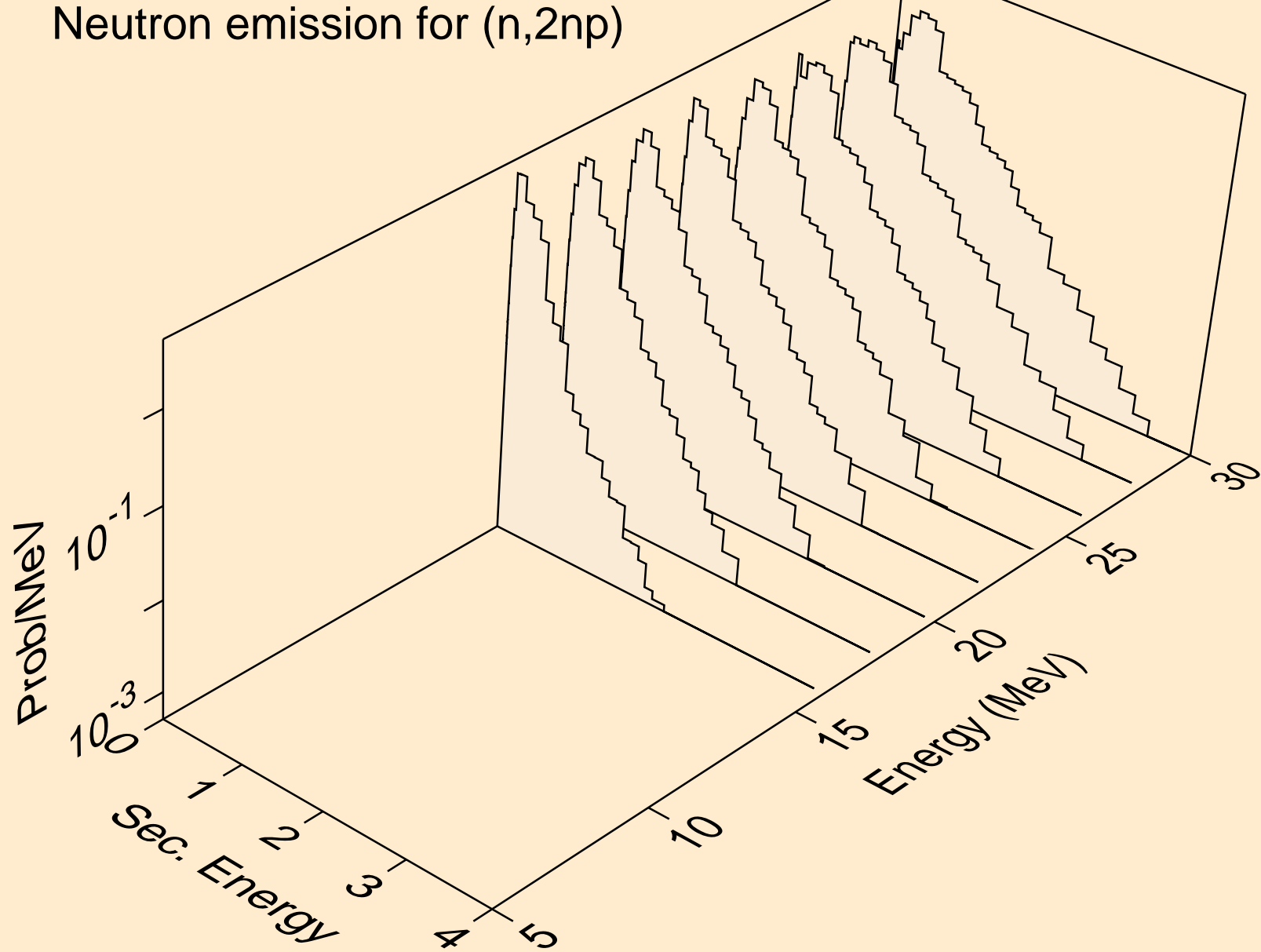




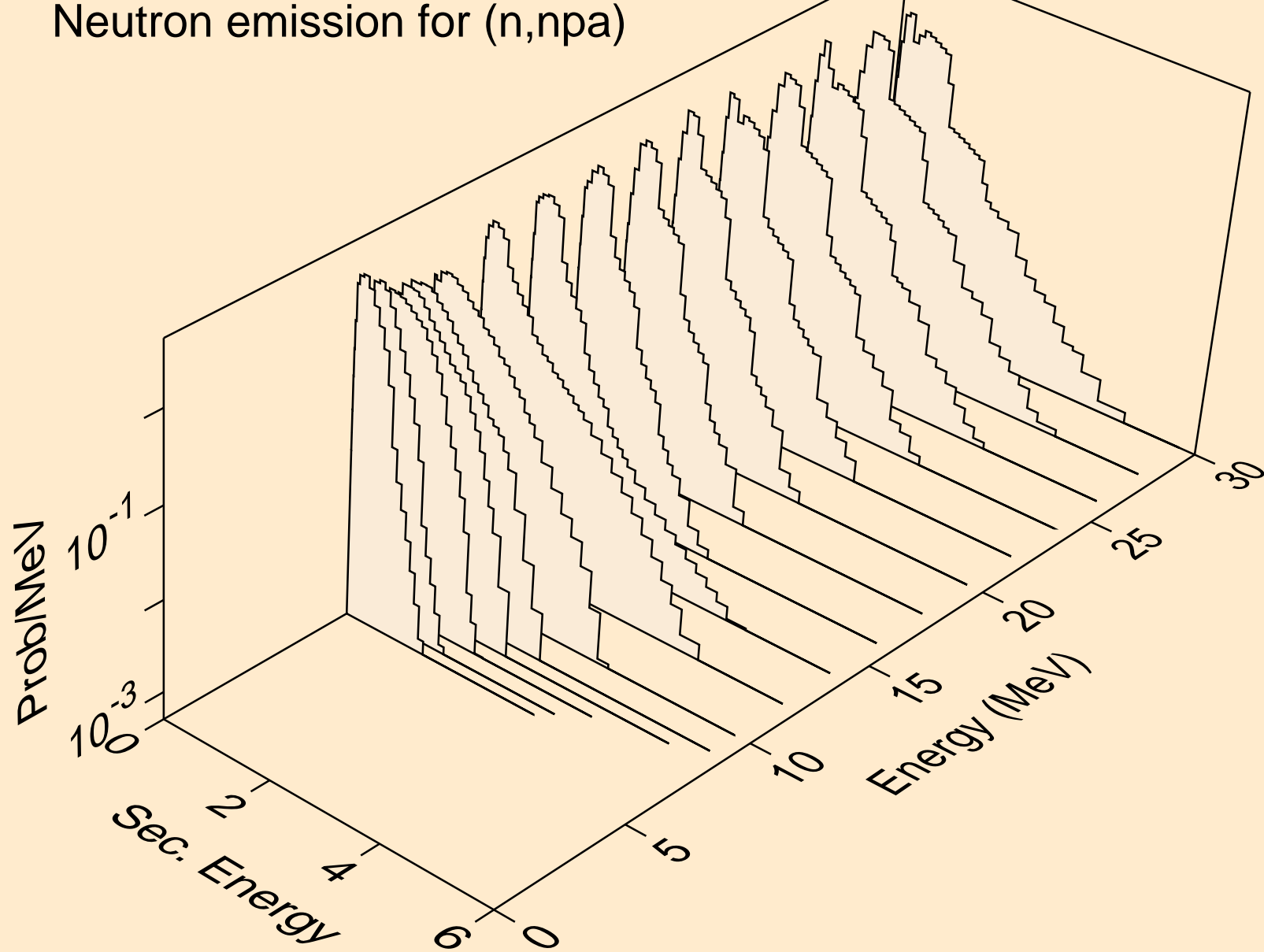
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



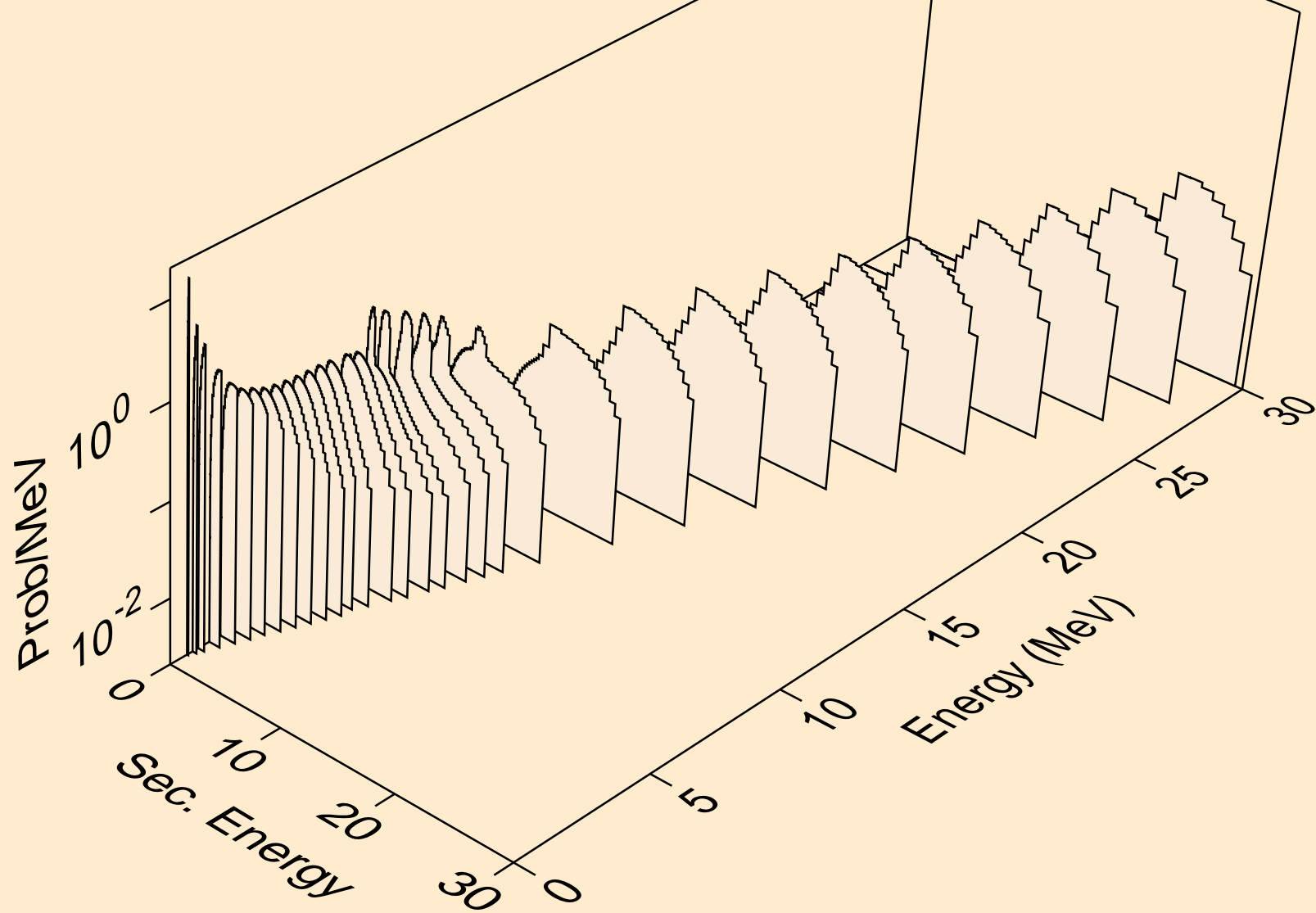
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

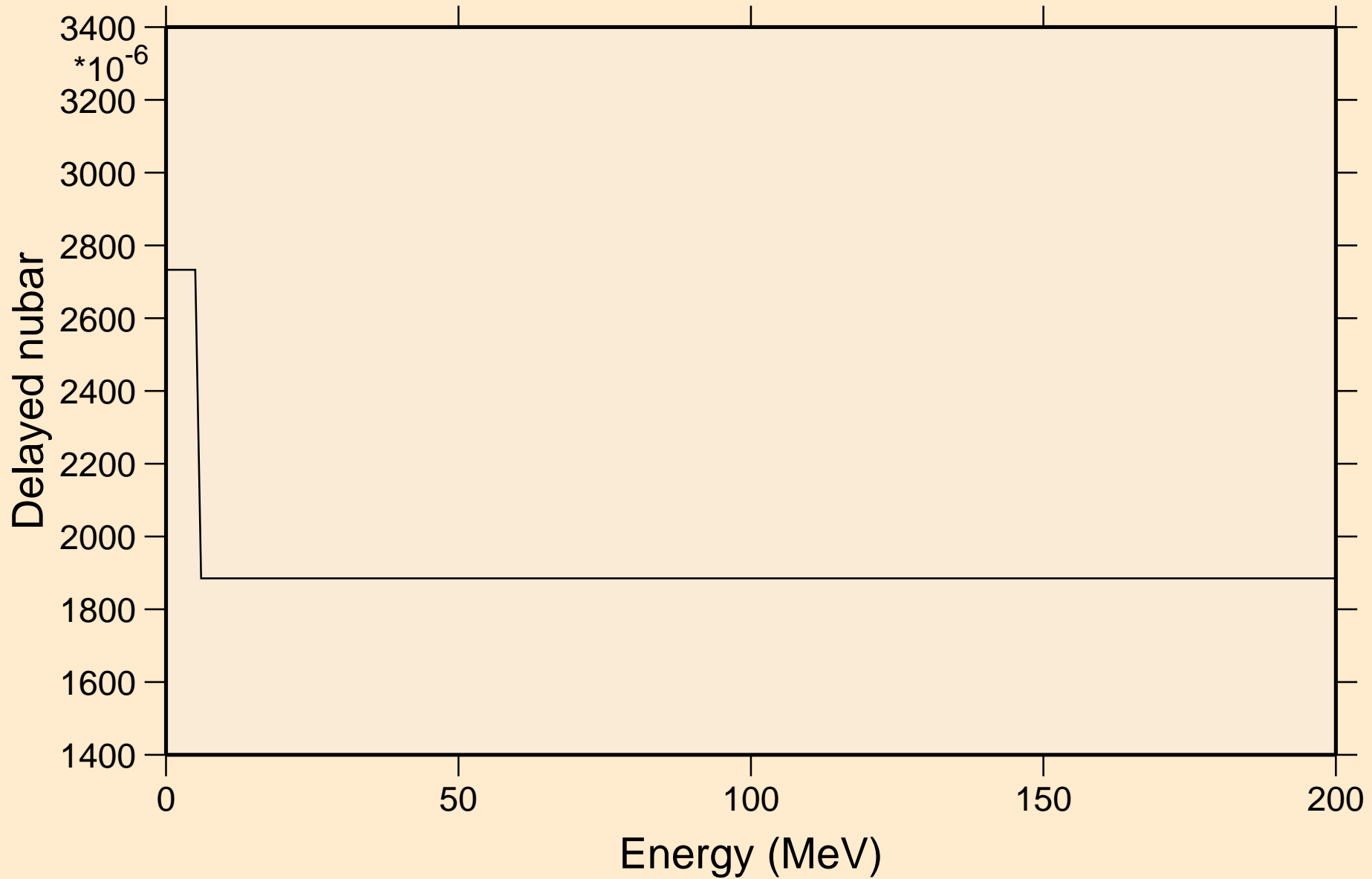


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



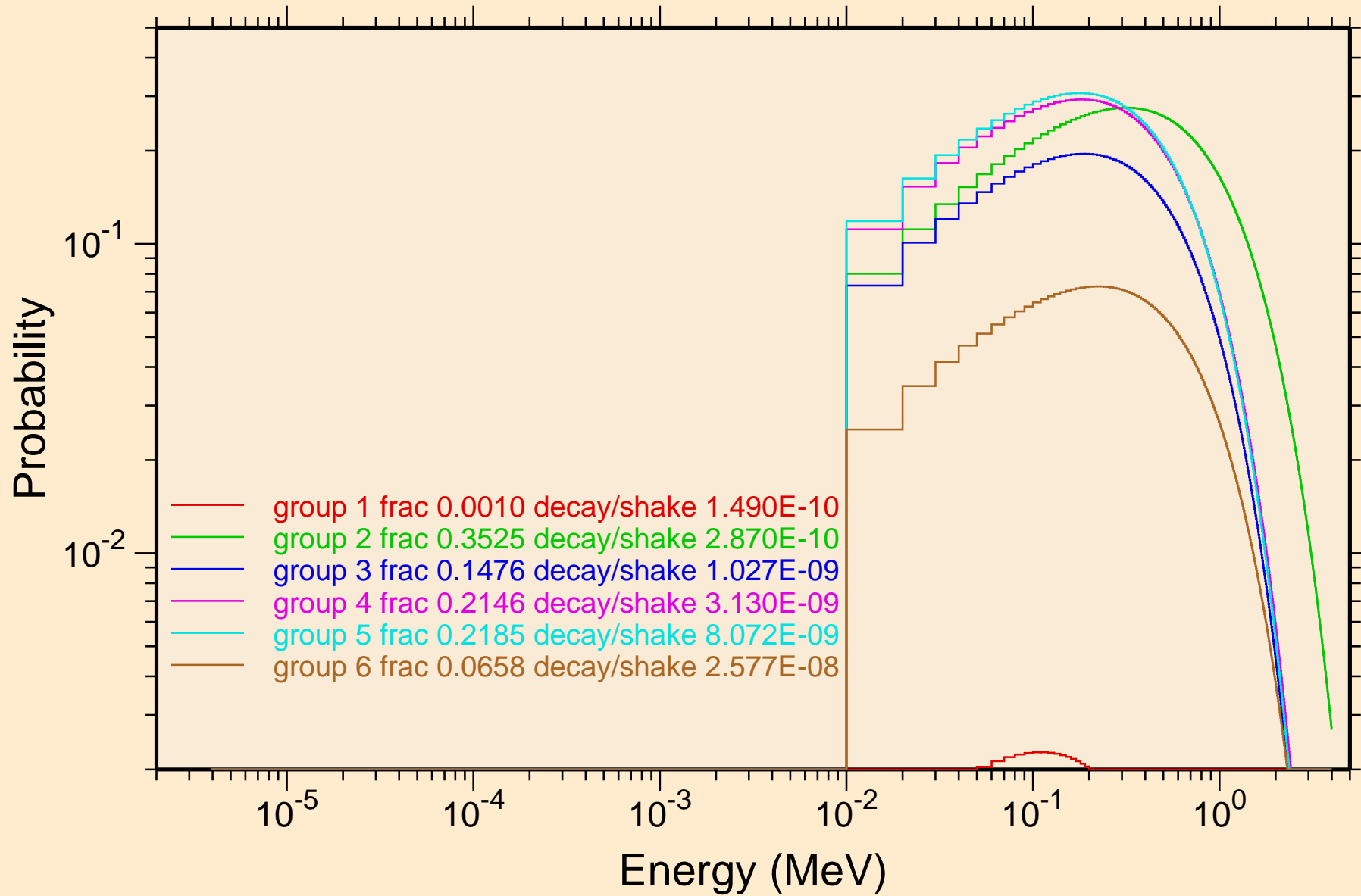
# LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed nubar

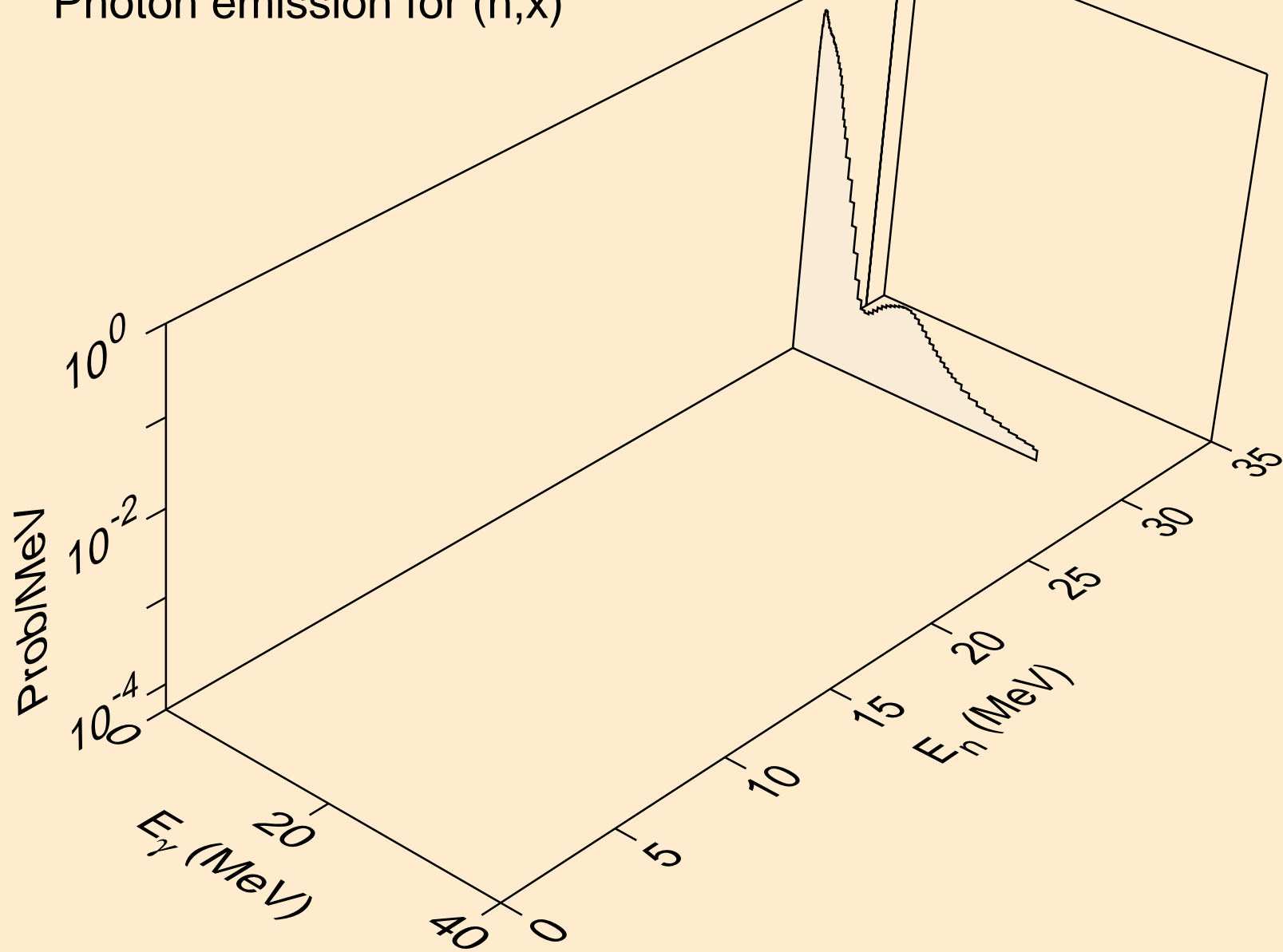


# LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

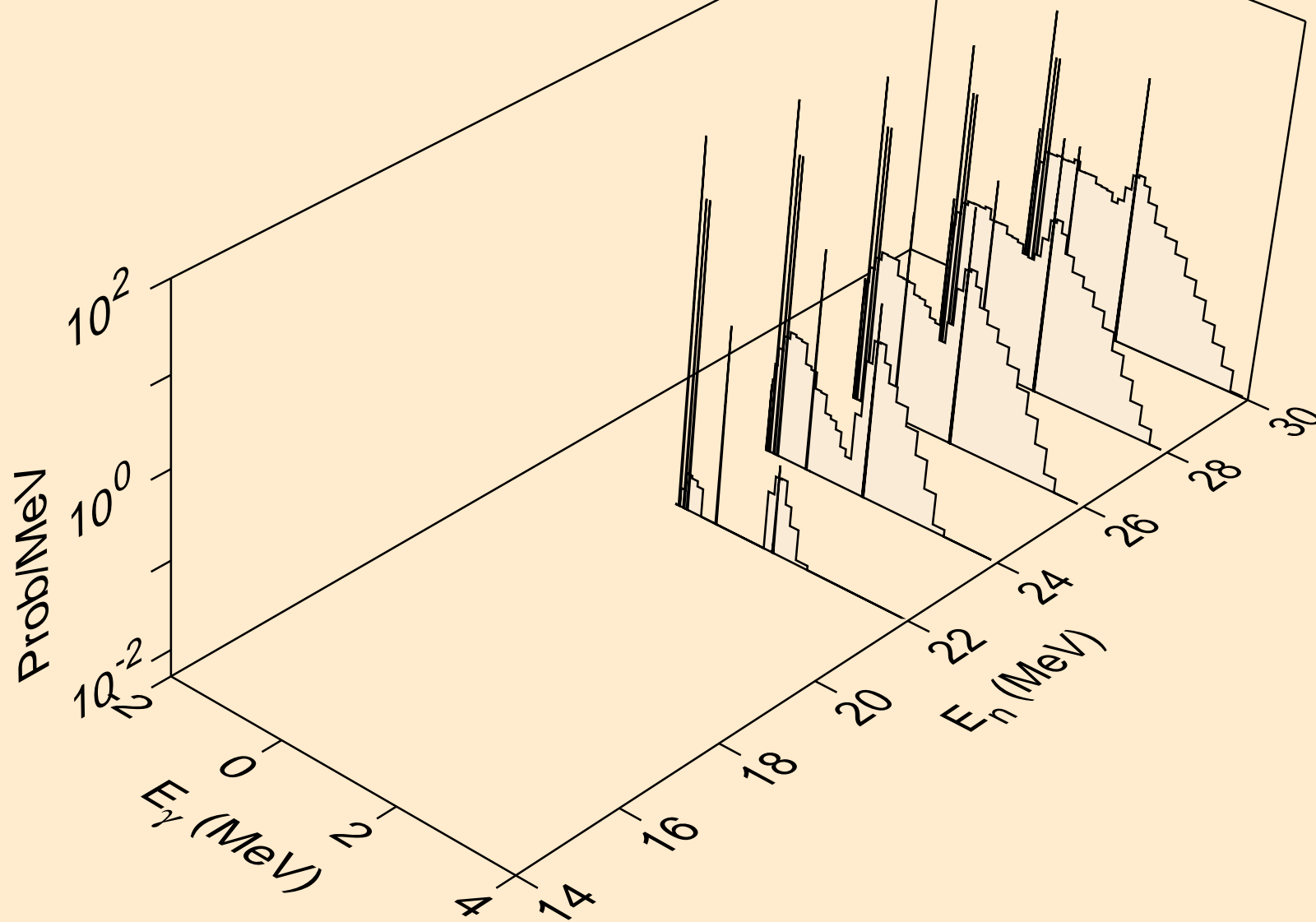
## Delayed neutron spectra



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

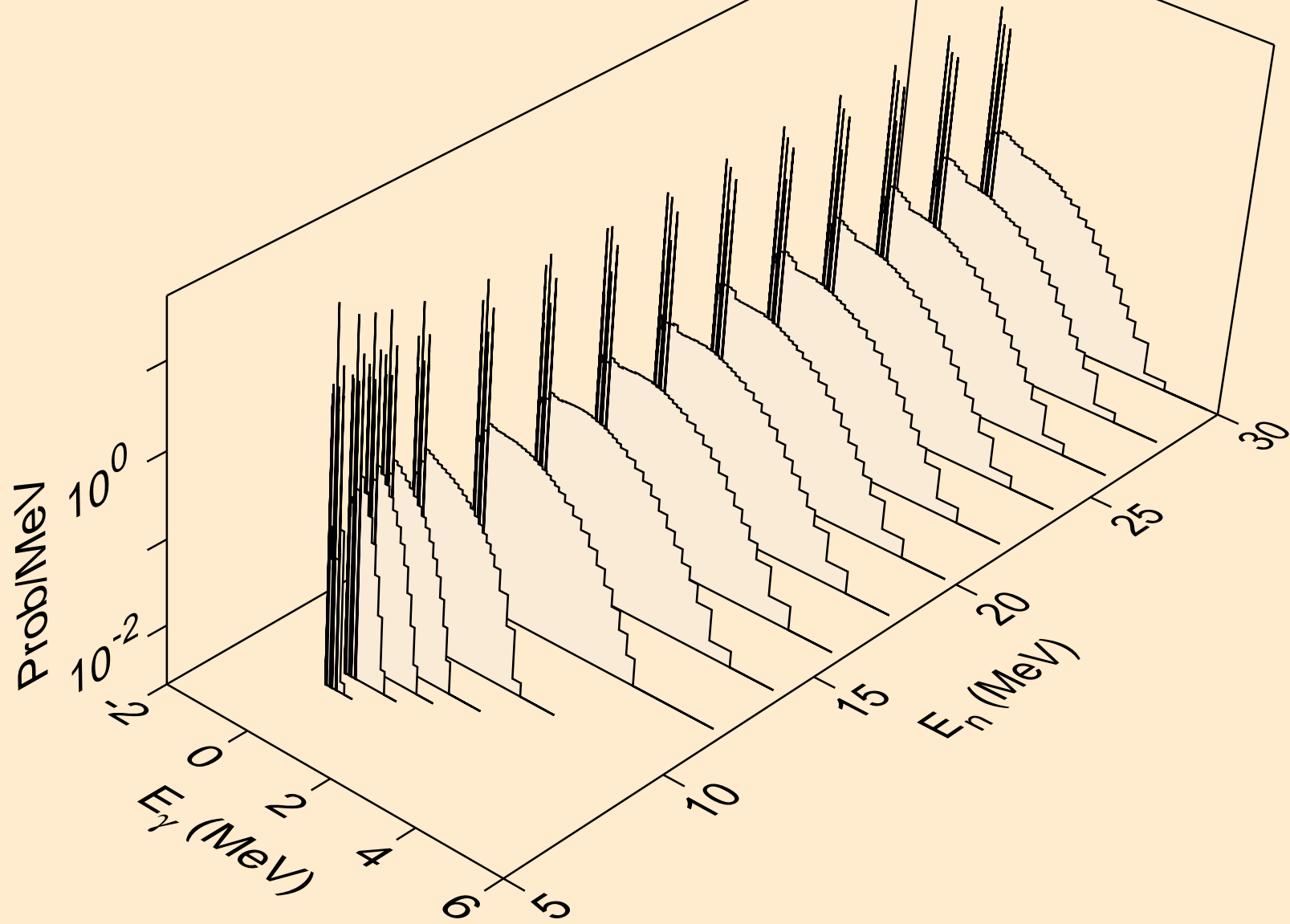


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

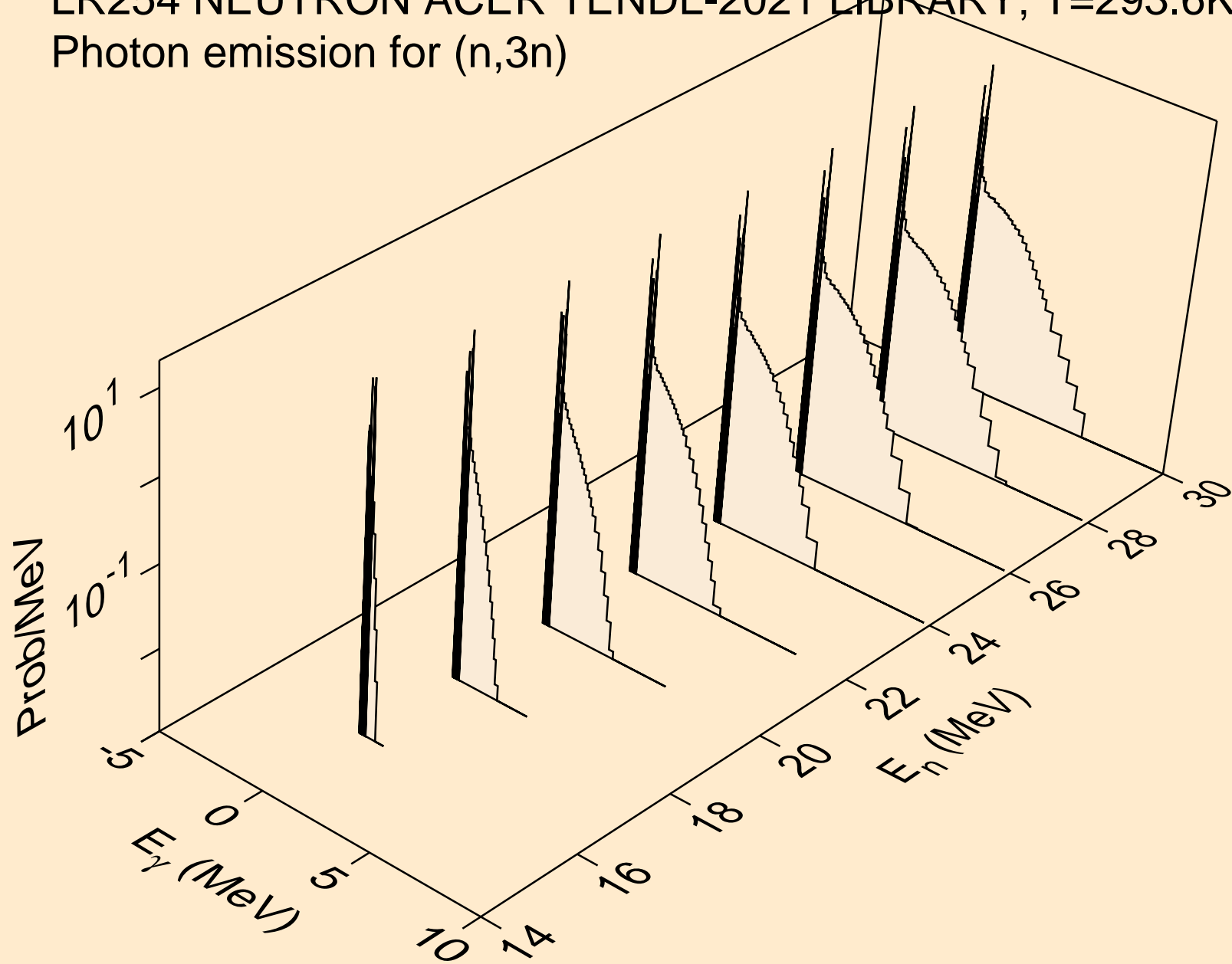




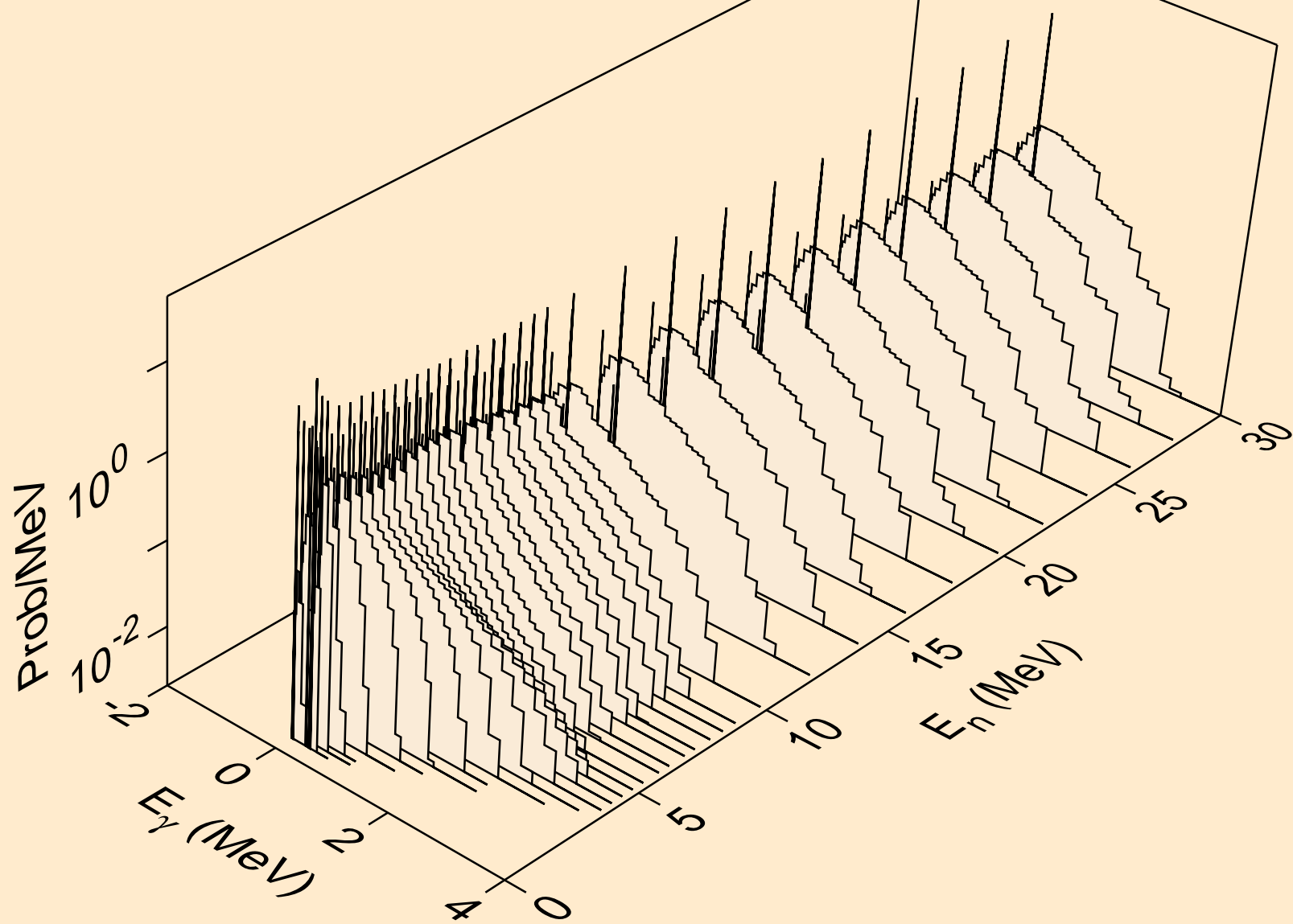
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



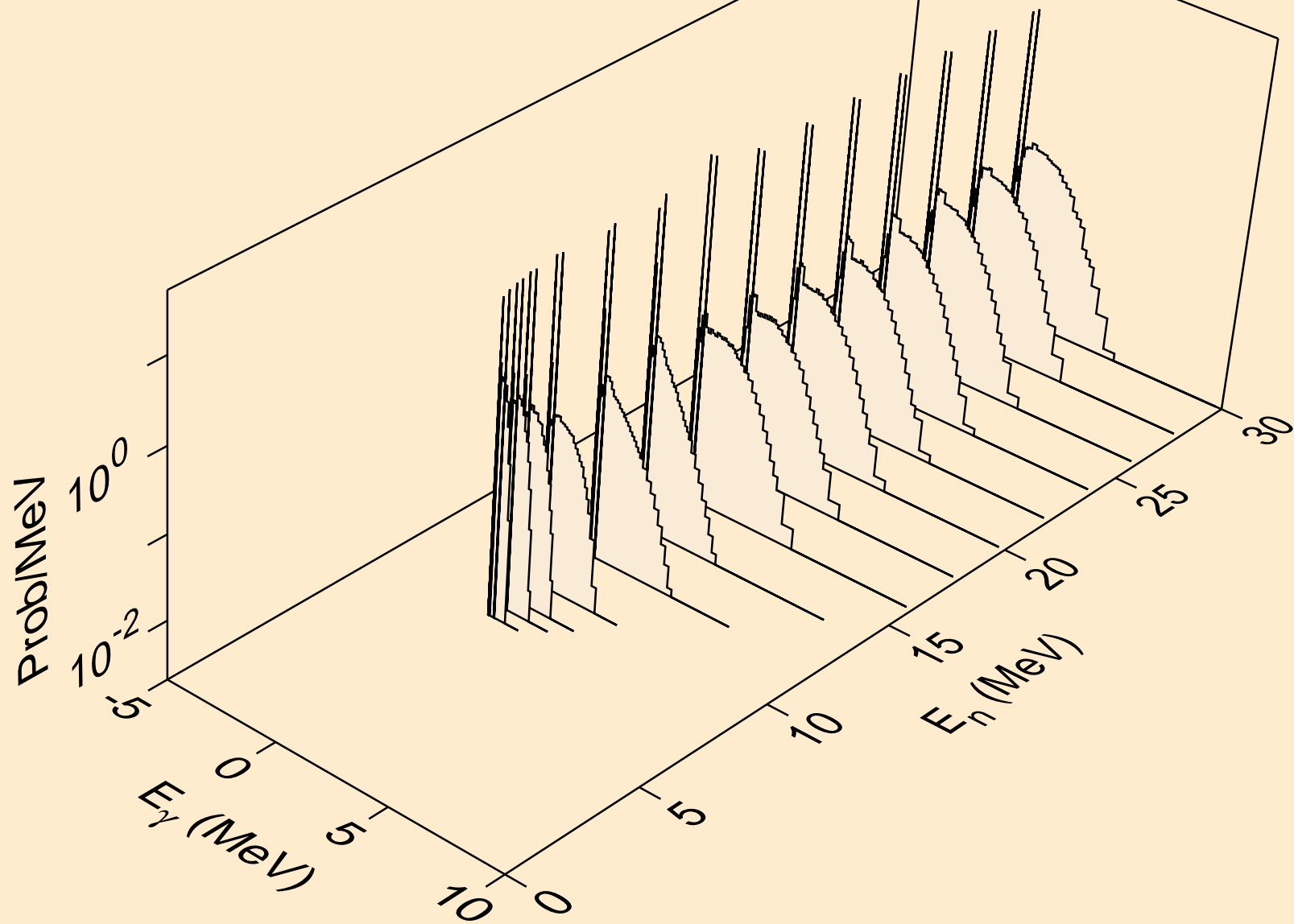
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



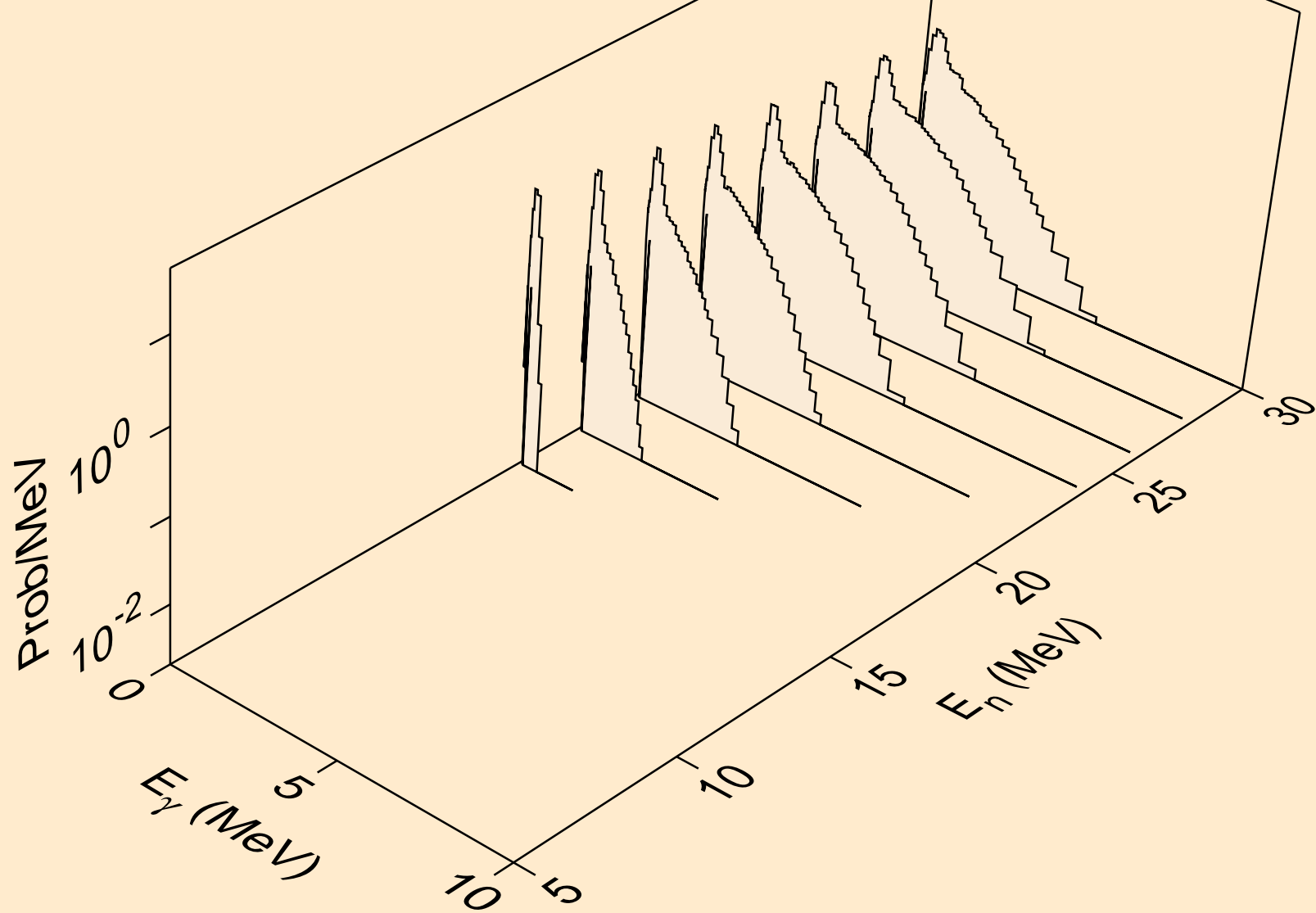
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



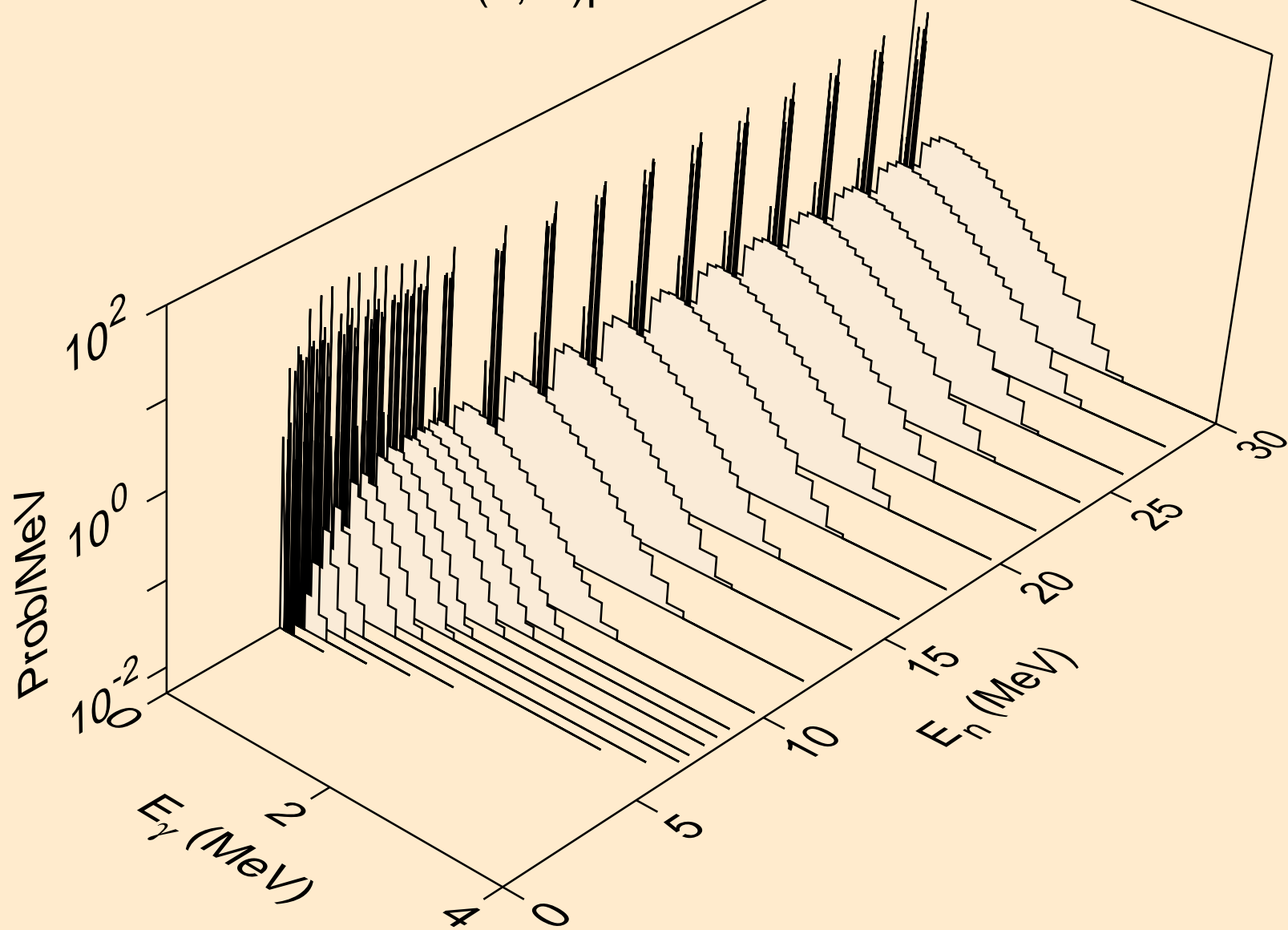
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



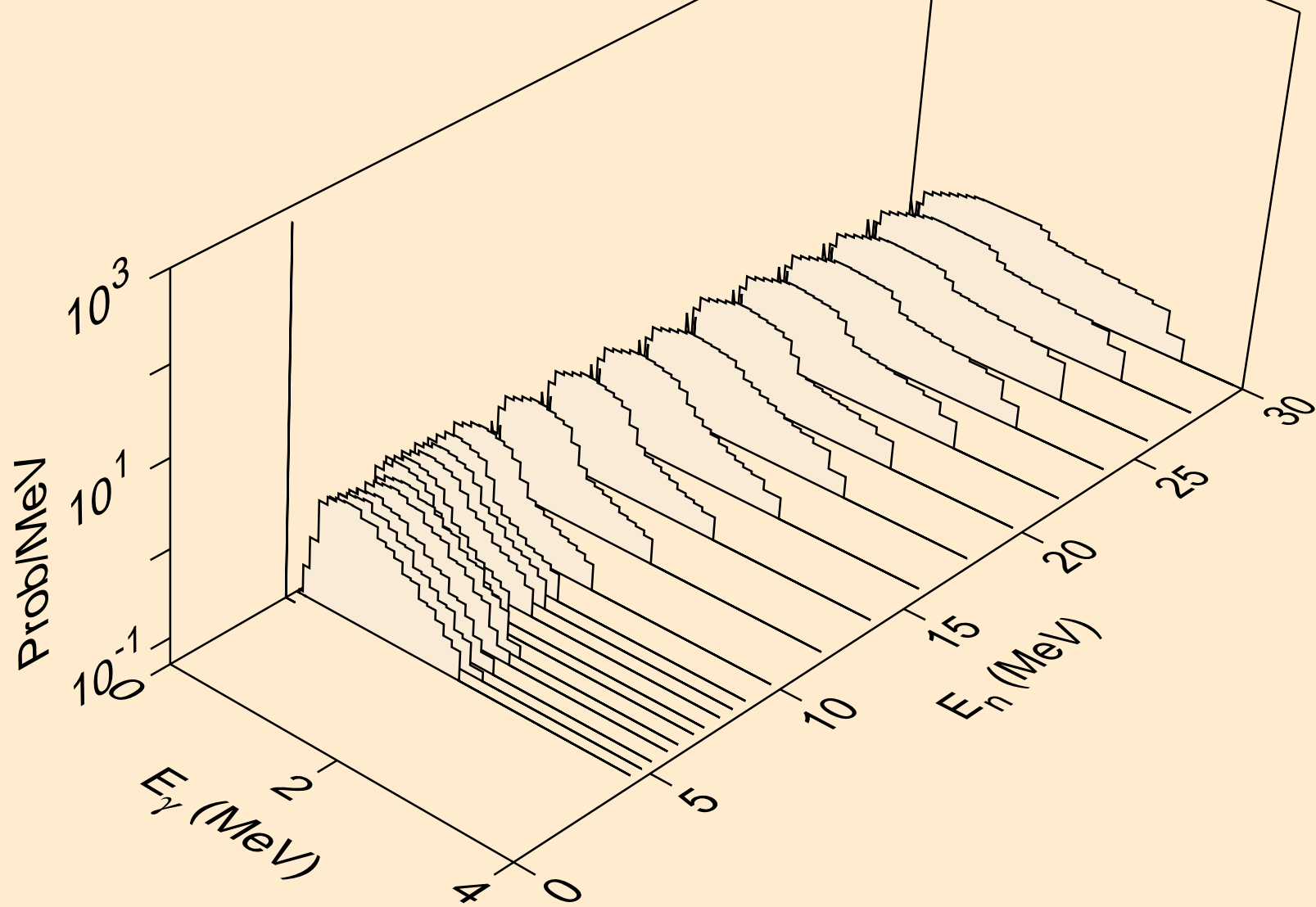
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



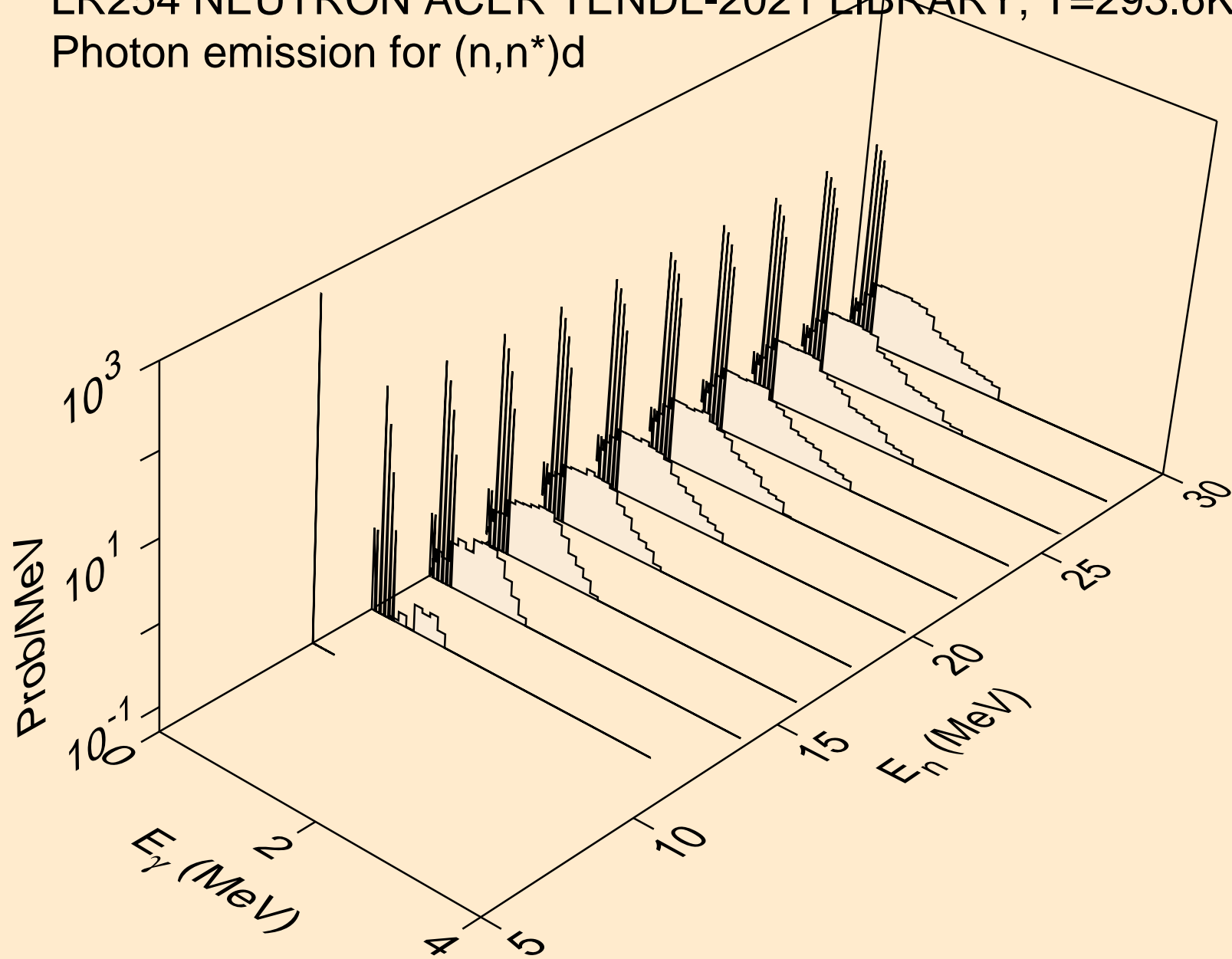
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

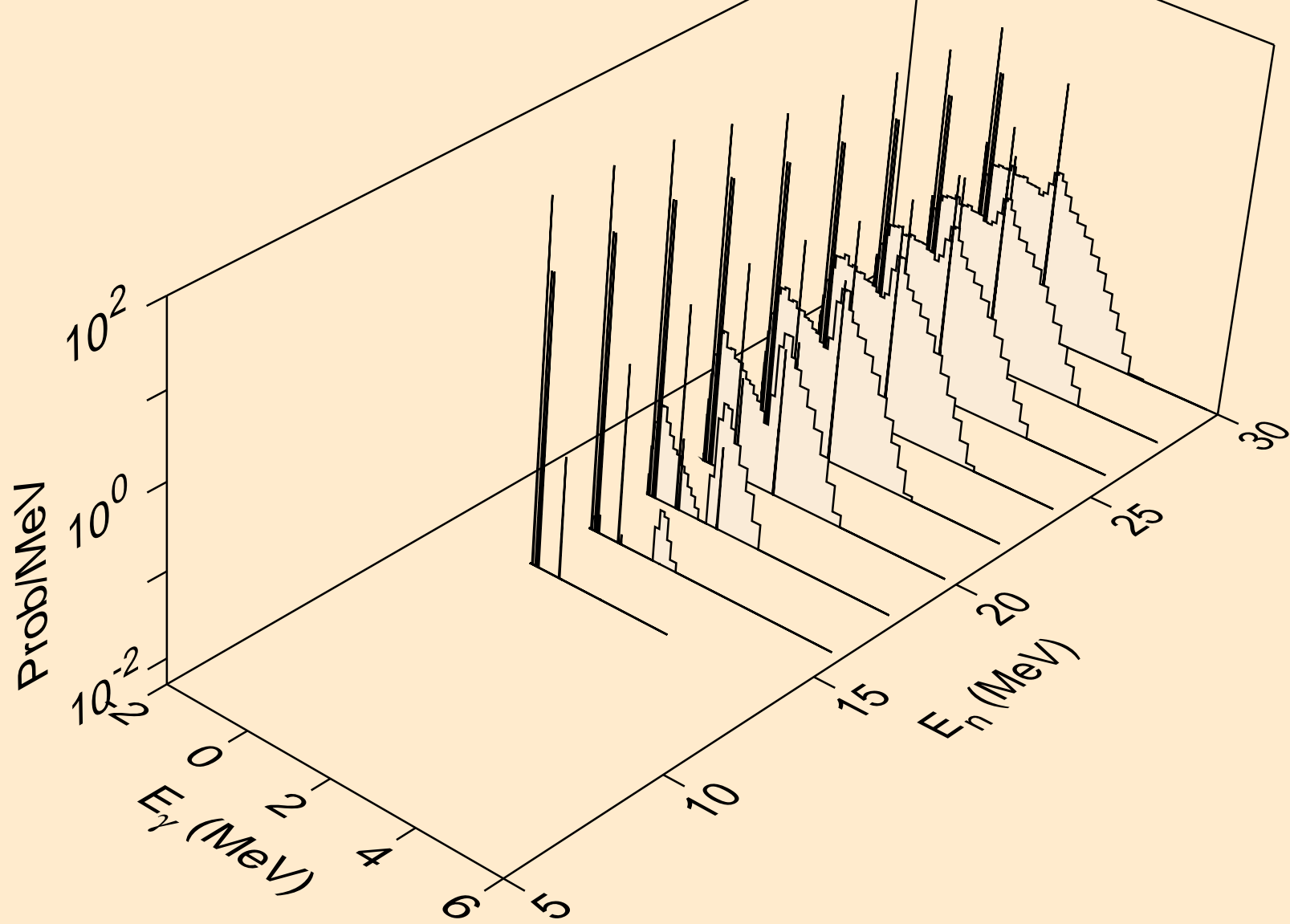


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

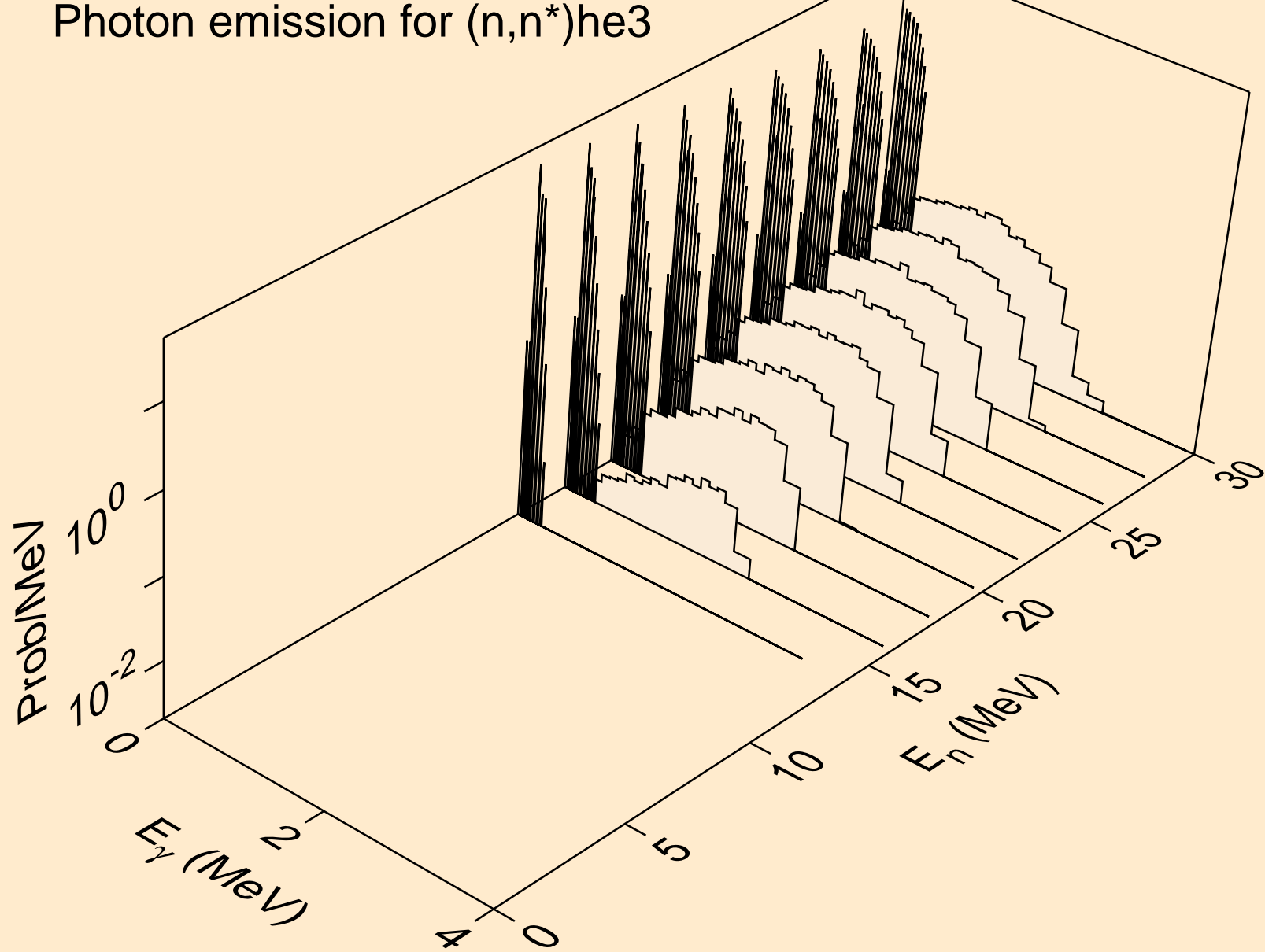




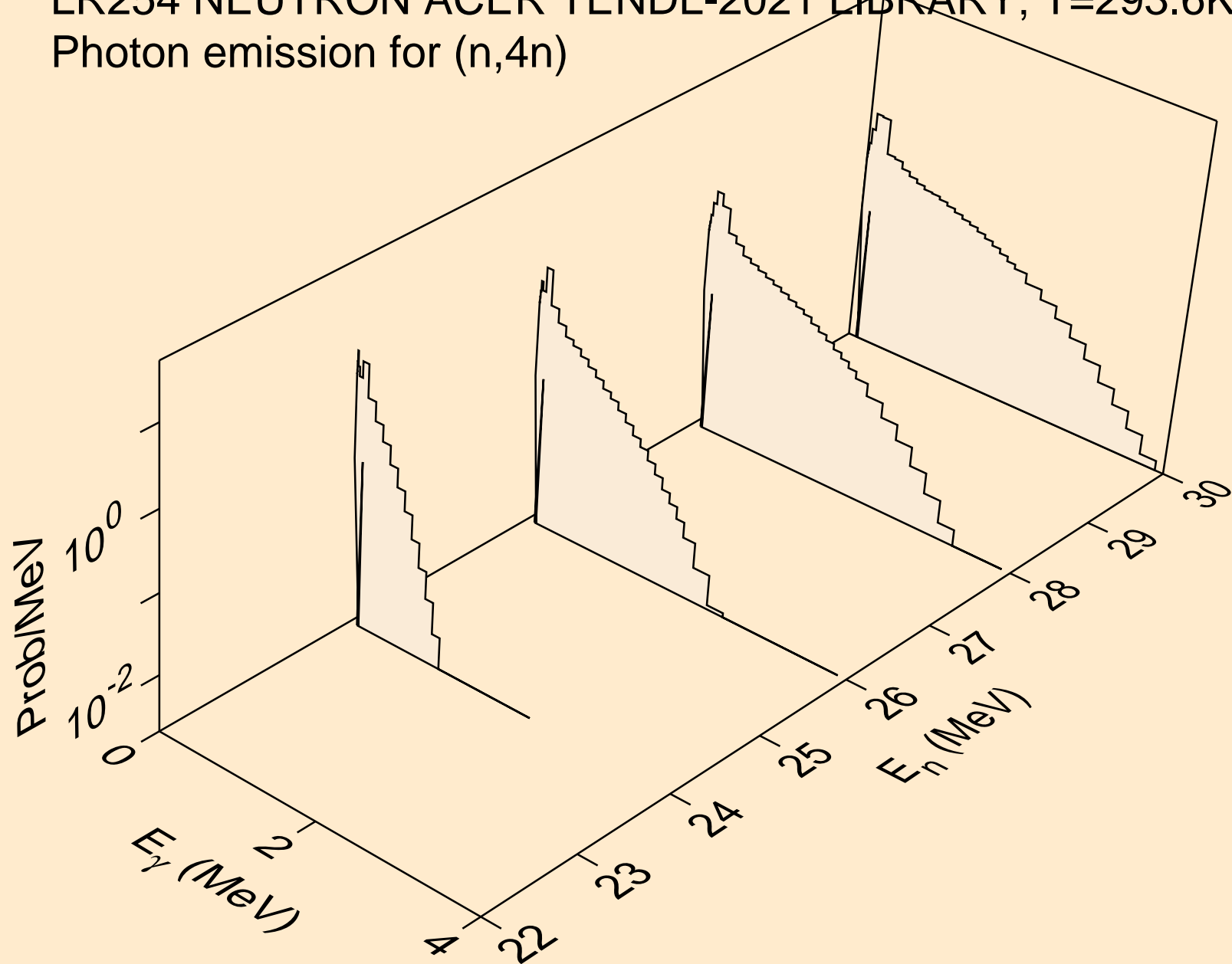
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



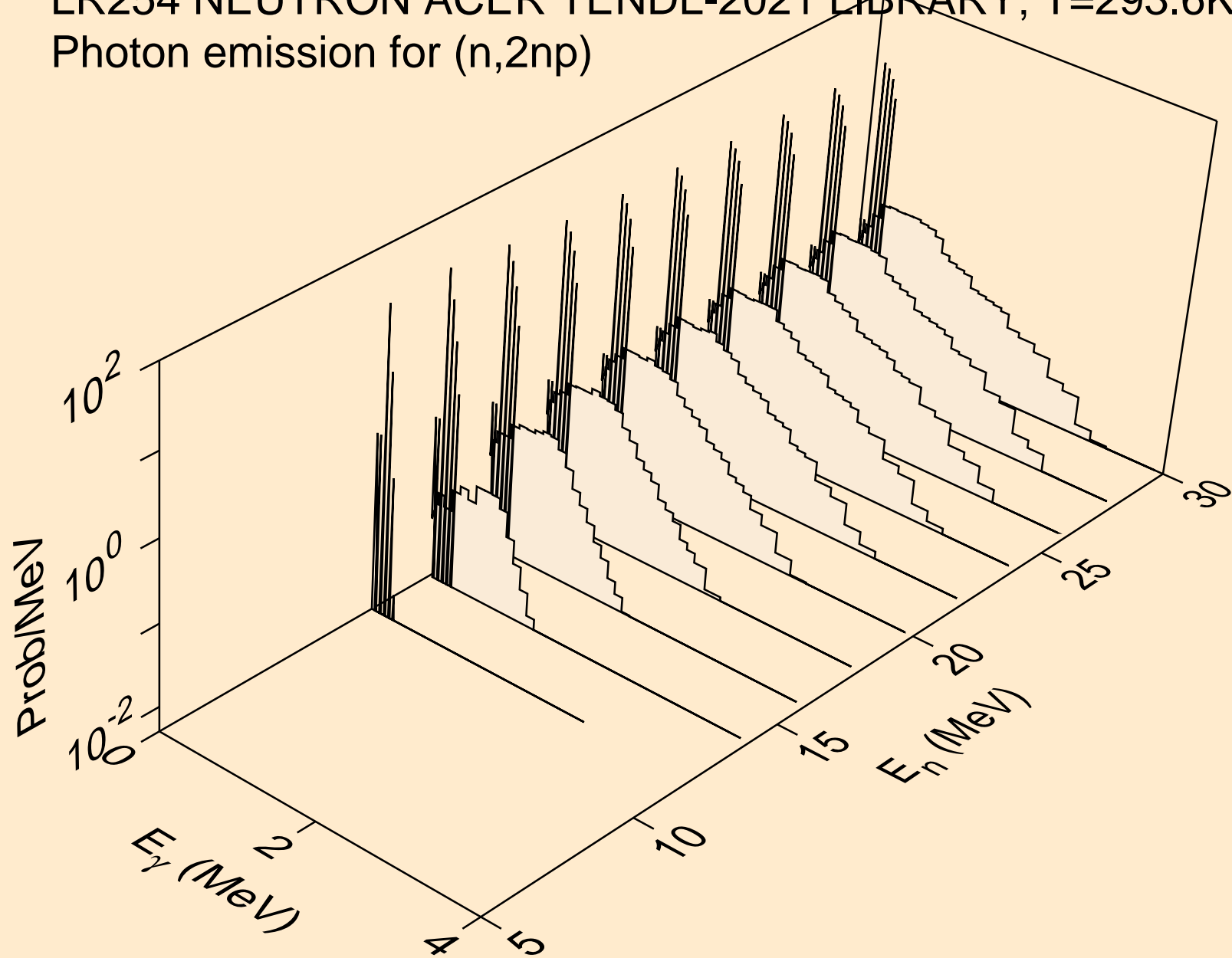
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



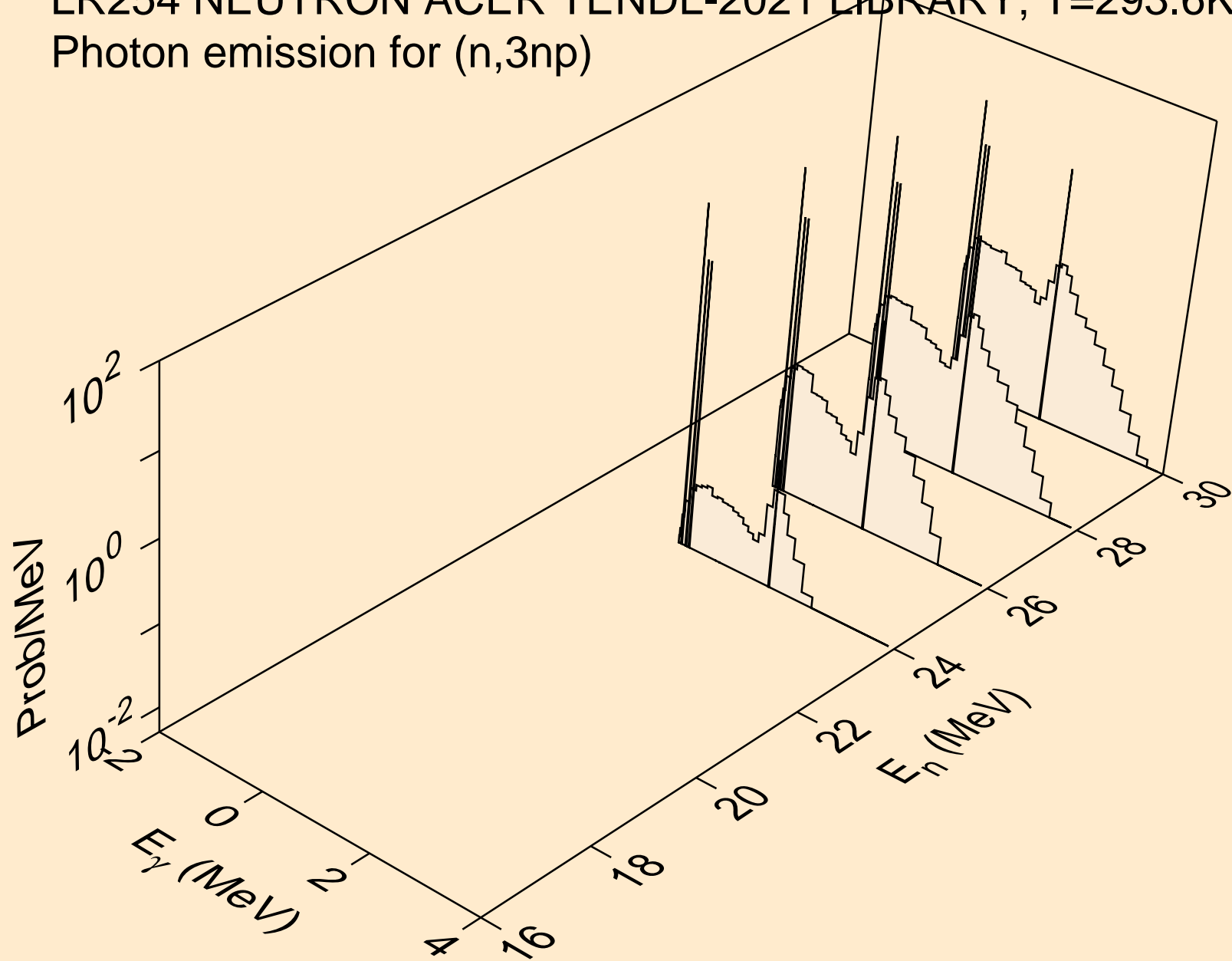
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



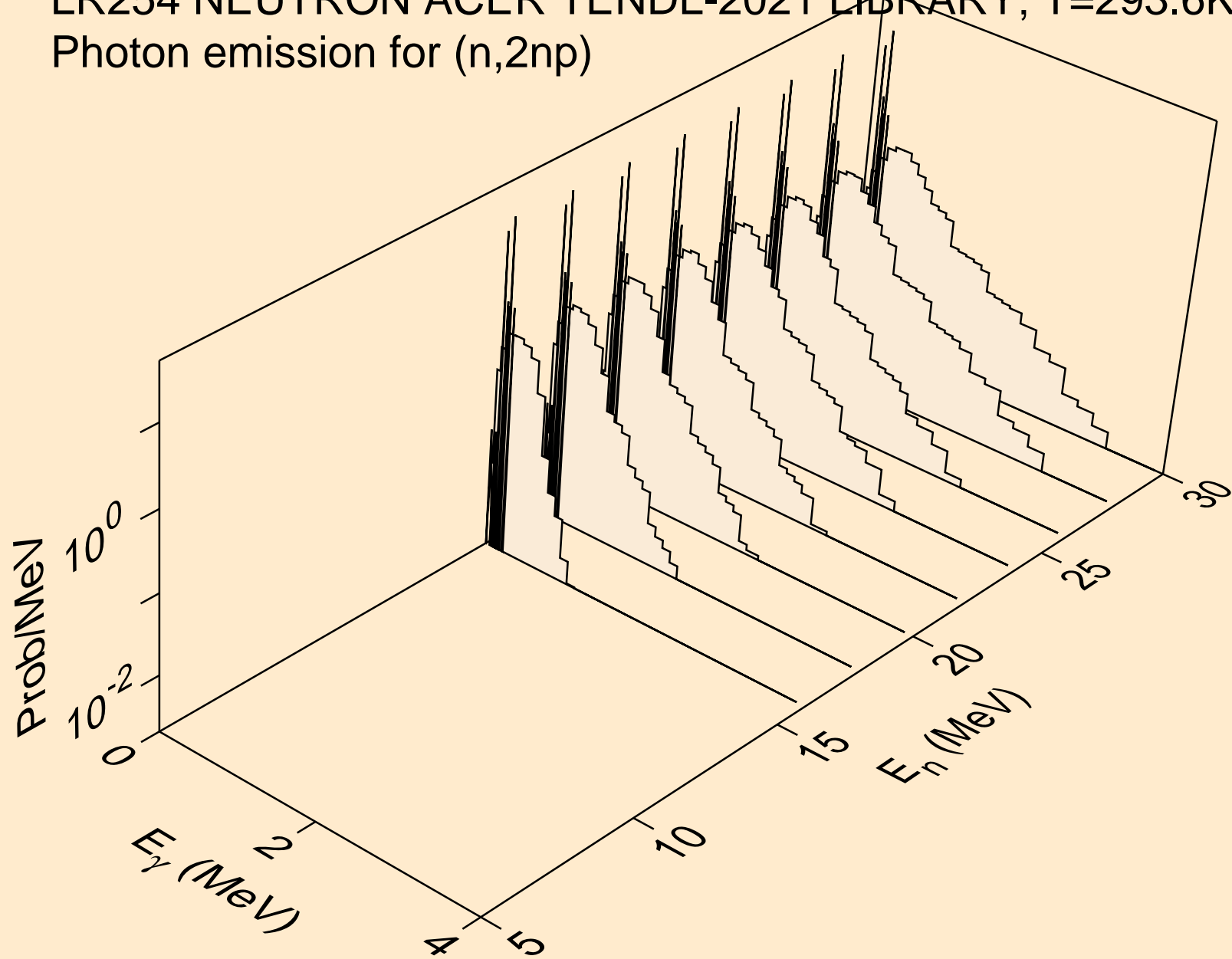
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



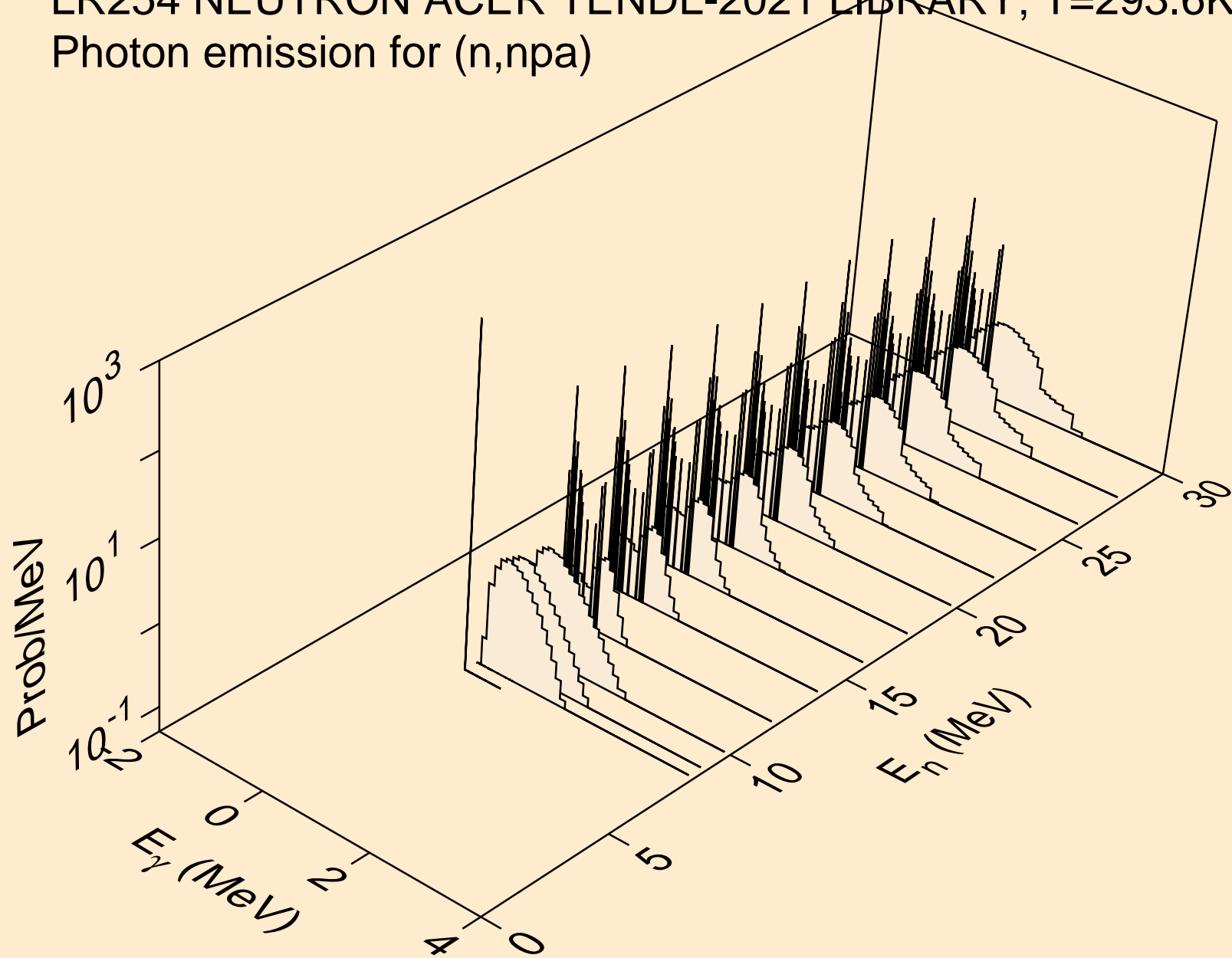
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



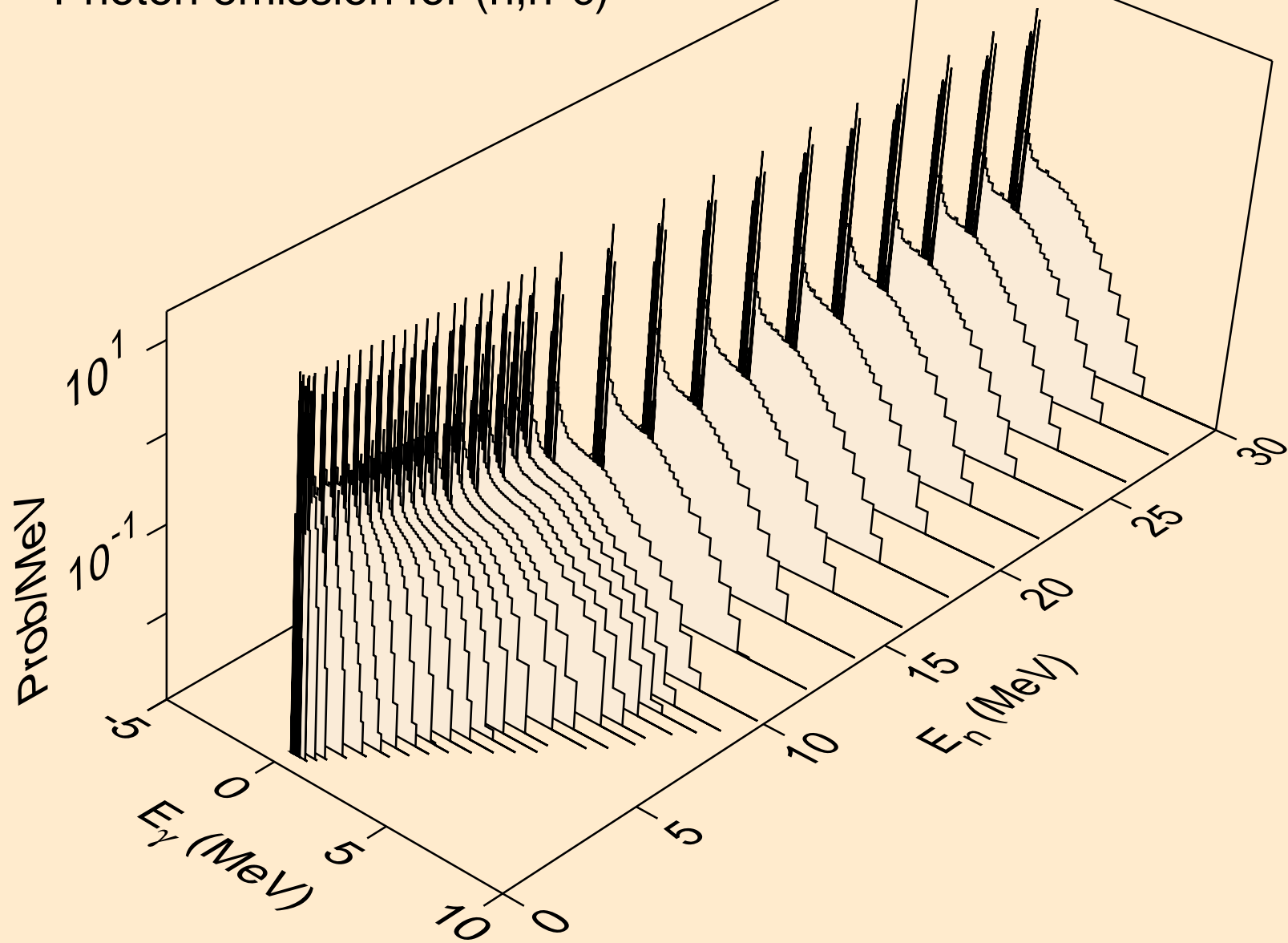
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

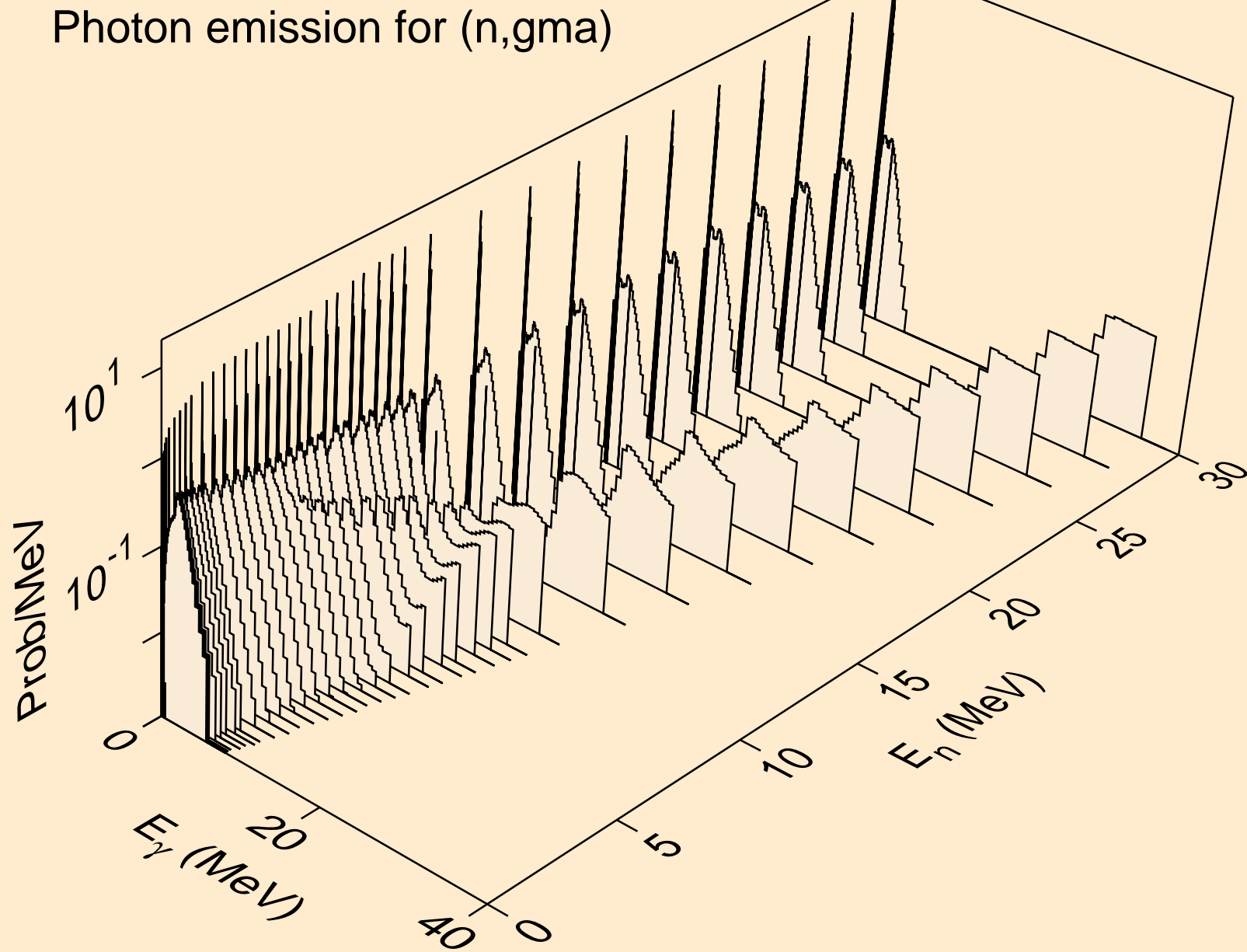


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

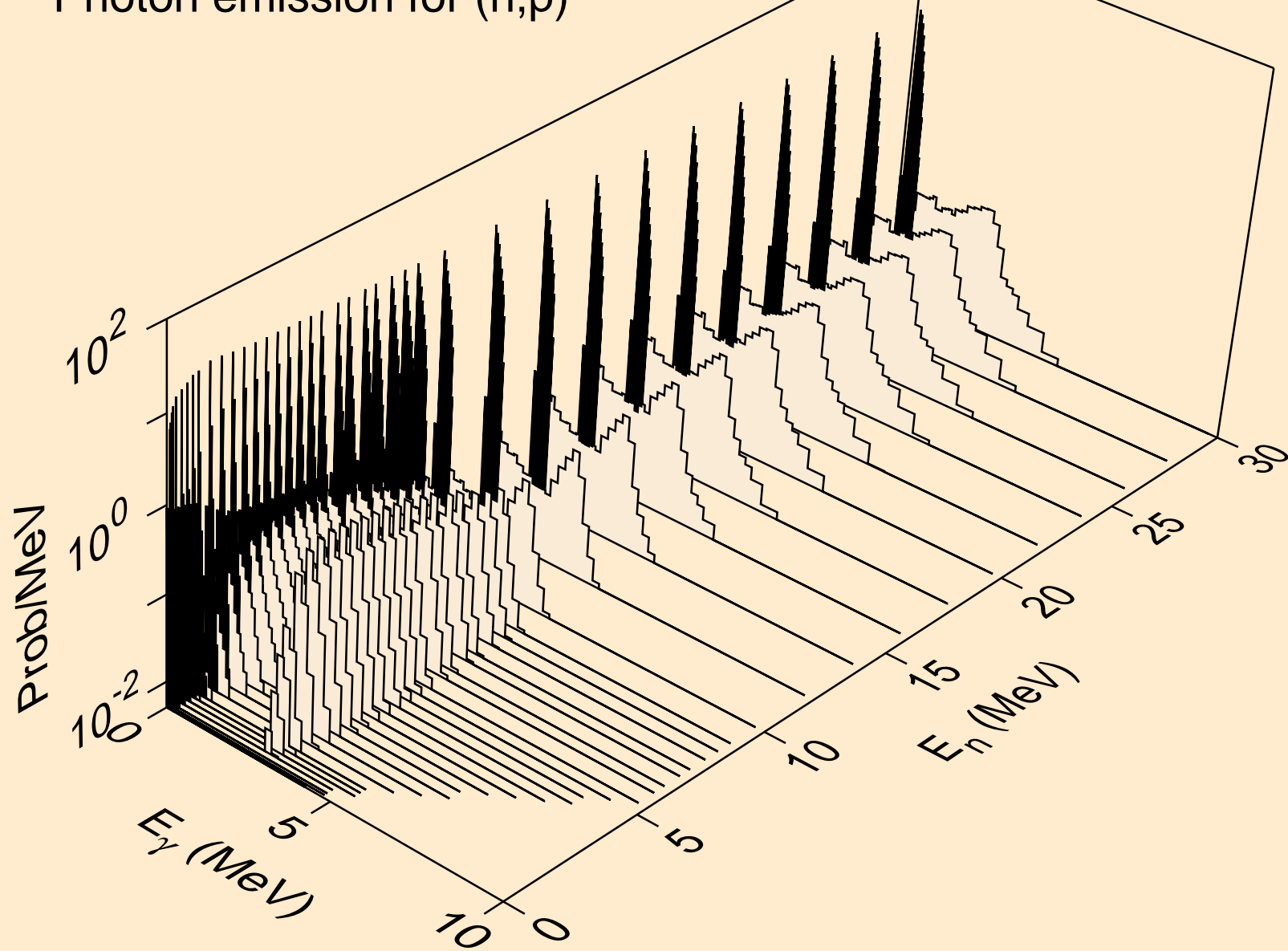




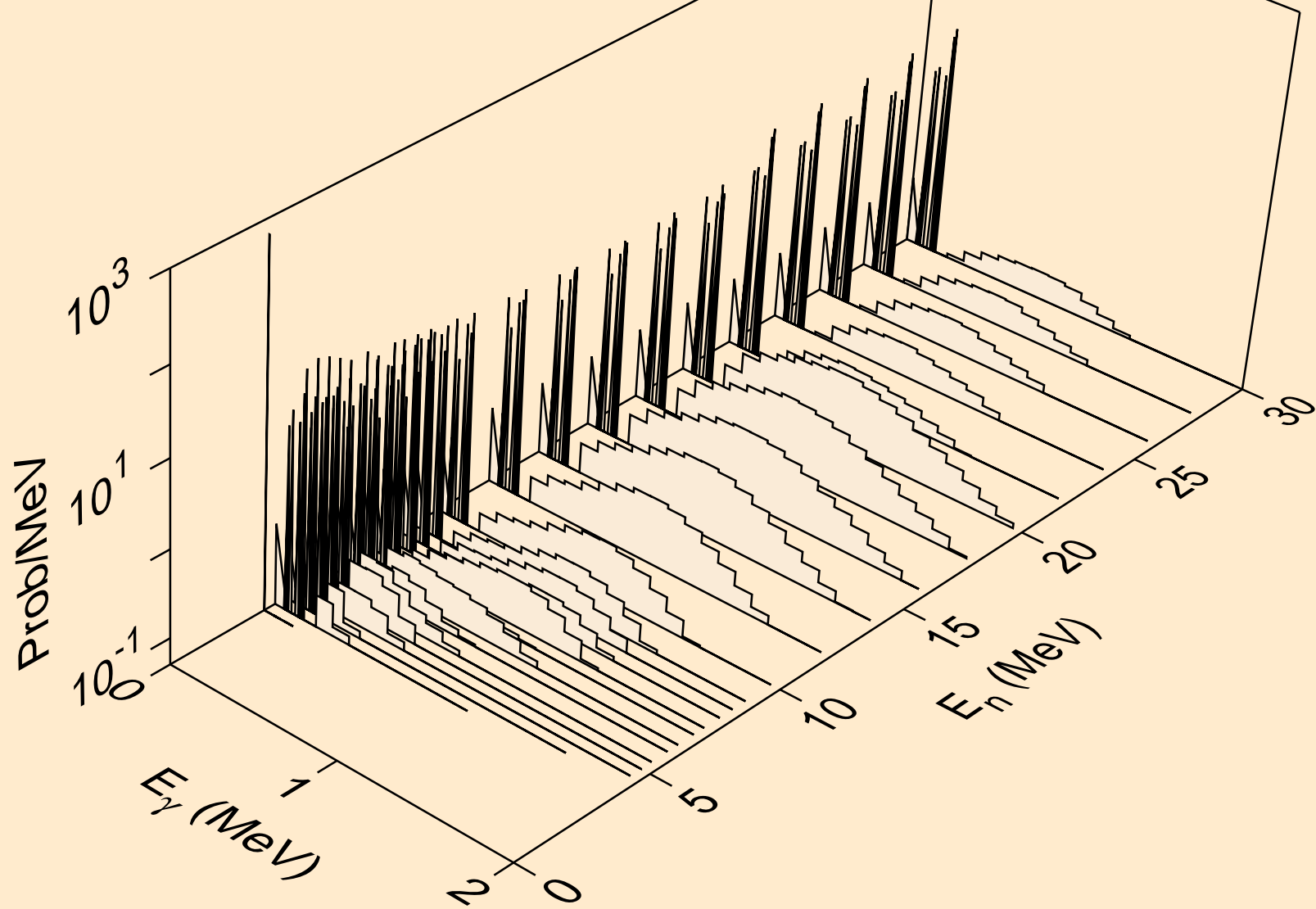
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



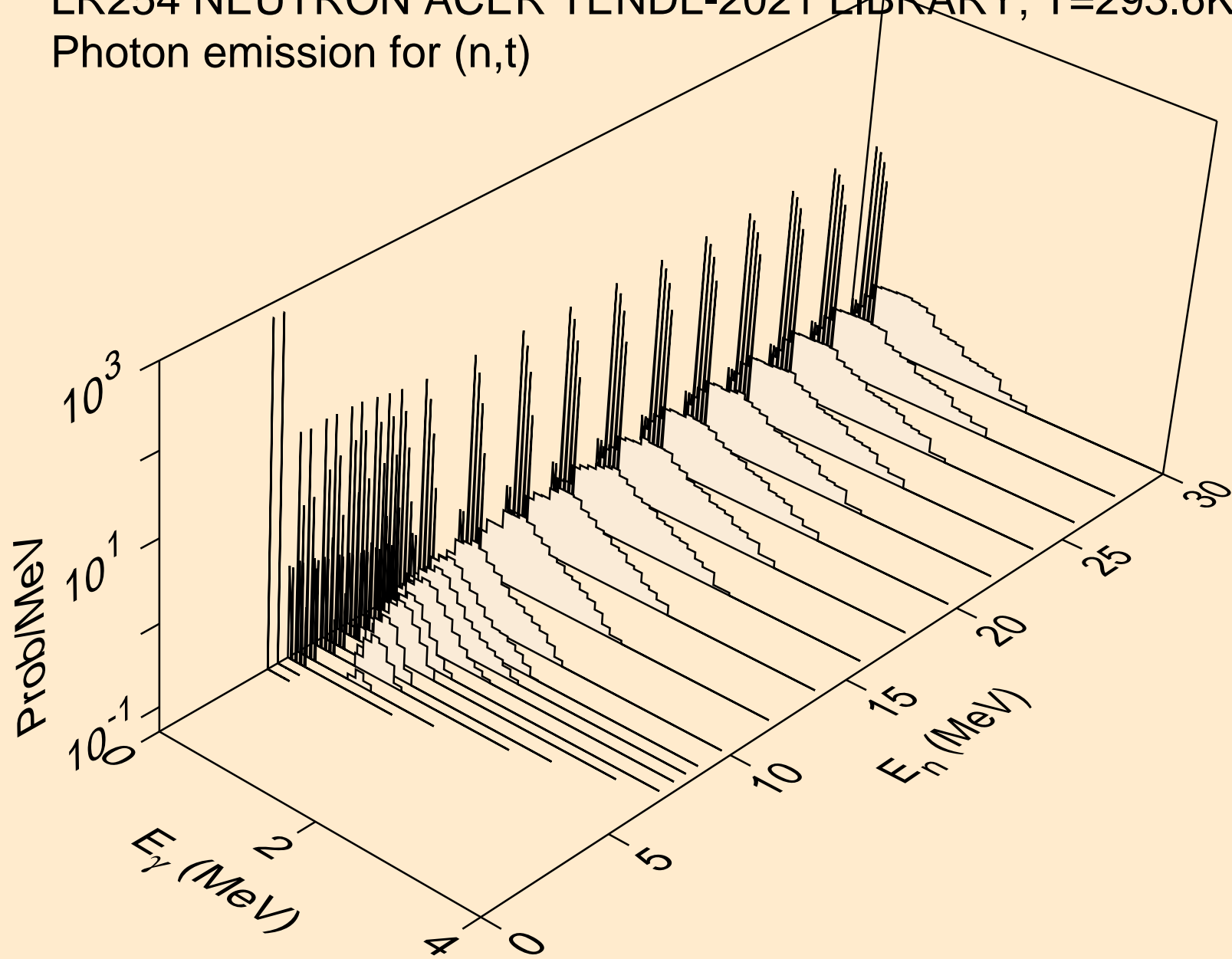
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



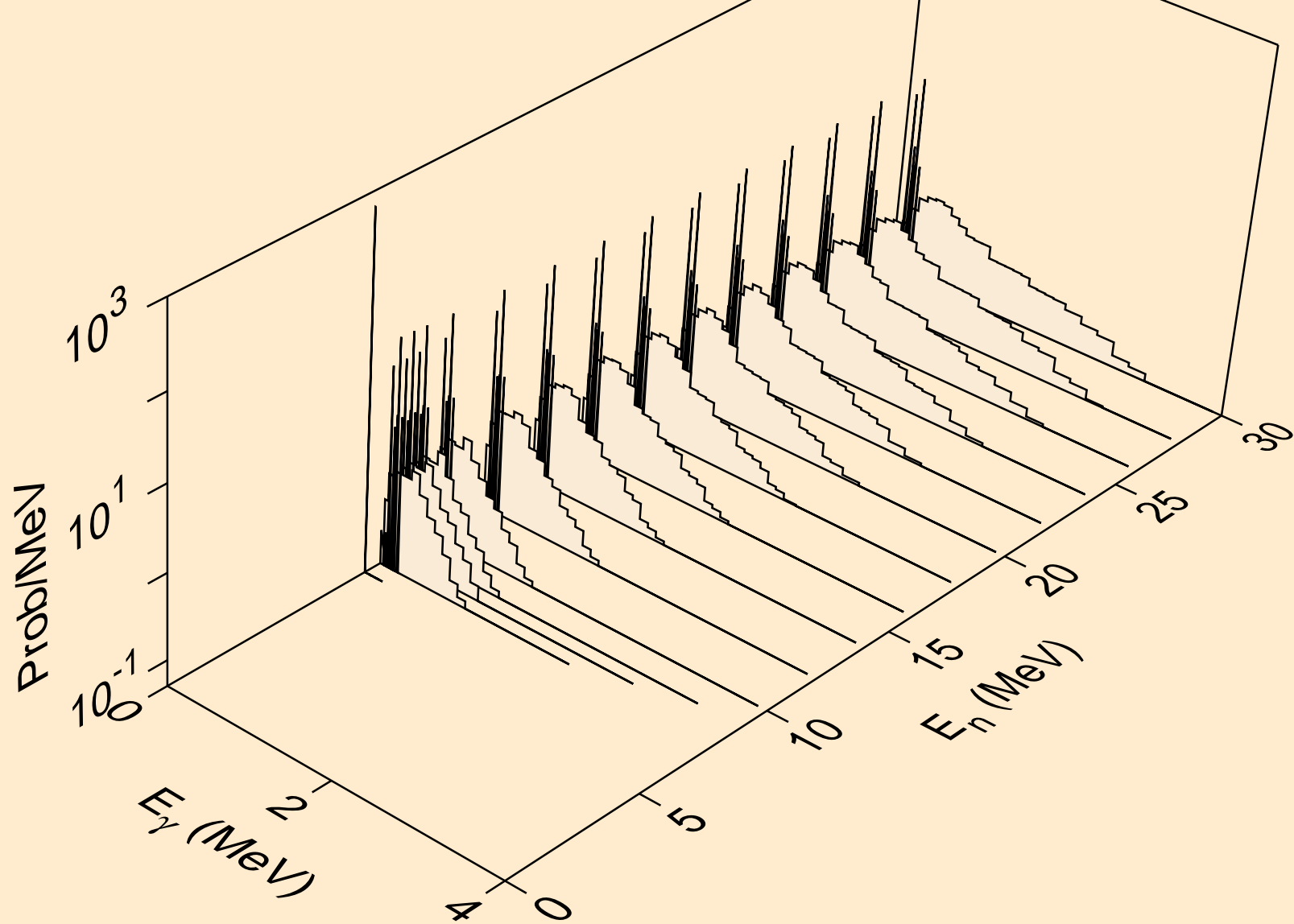
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



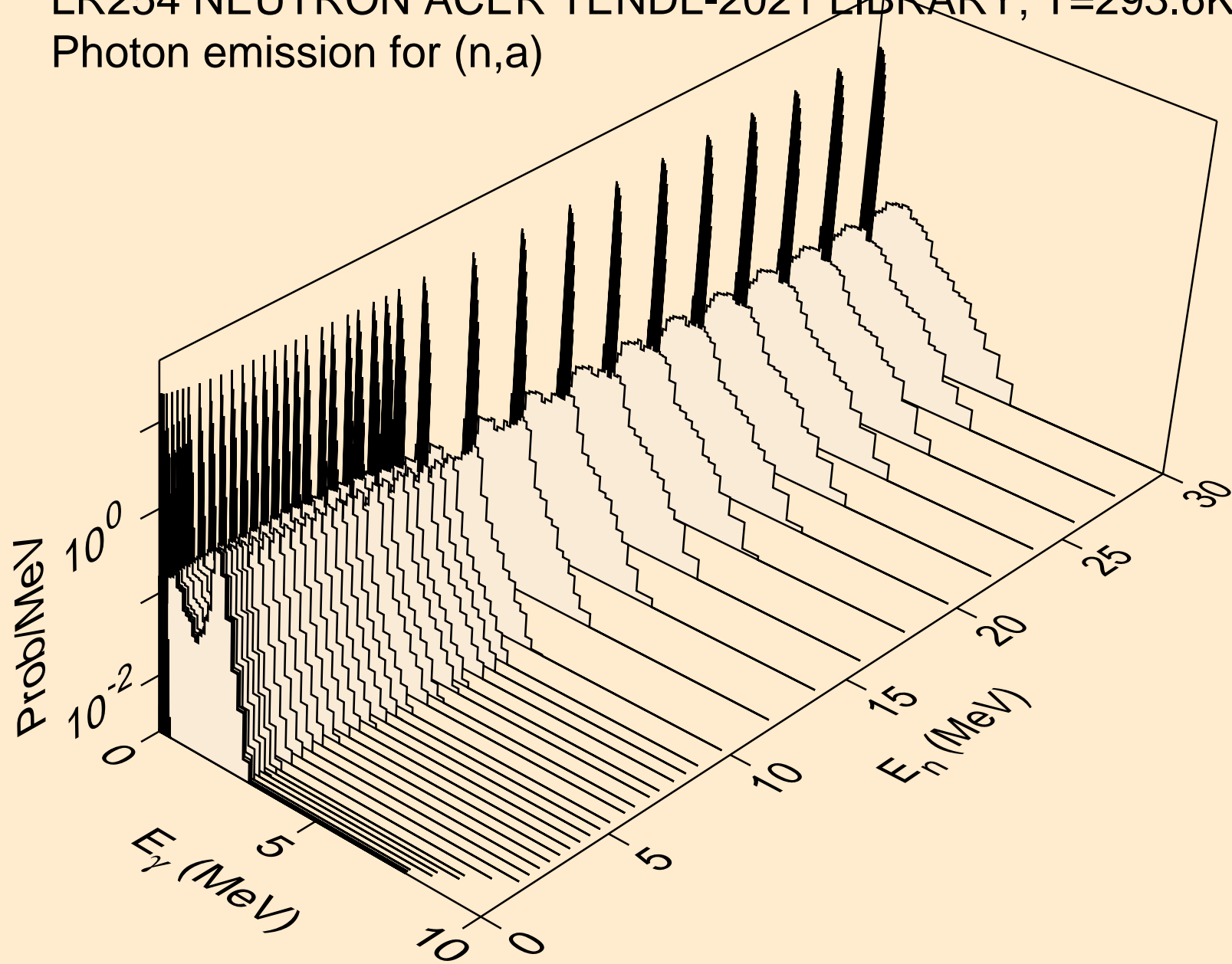
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



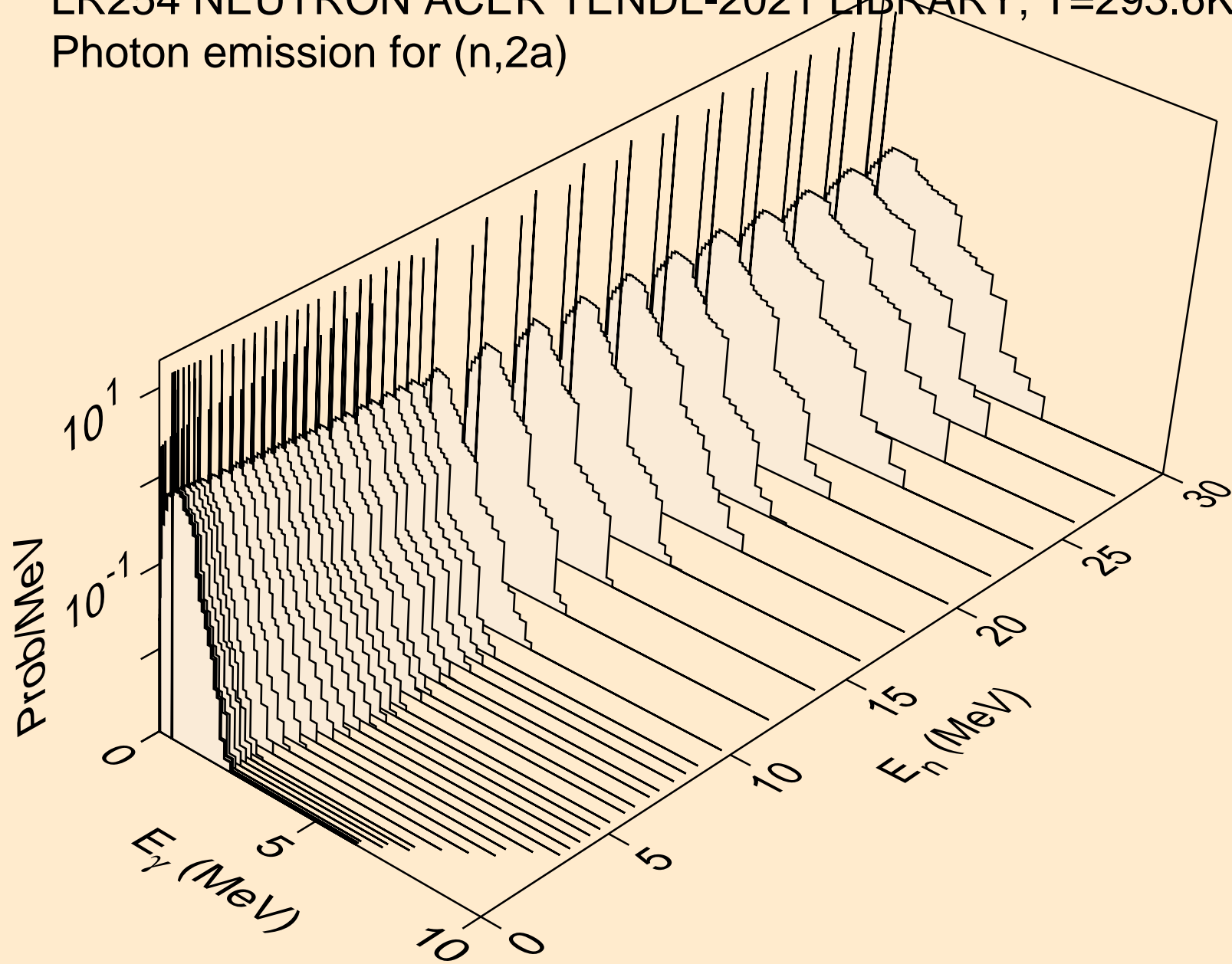
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Photon emission for (n,he3)



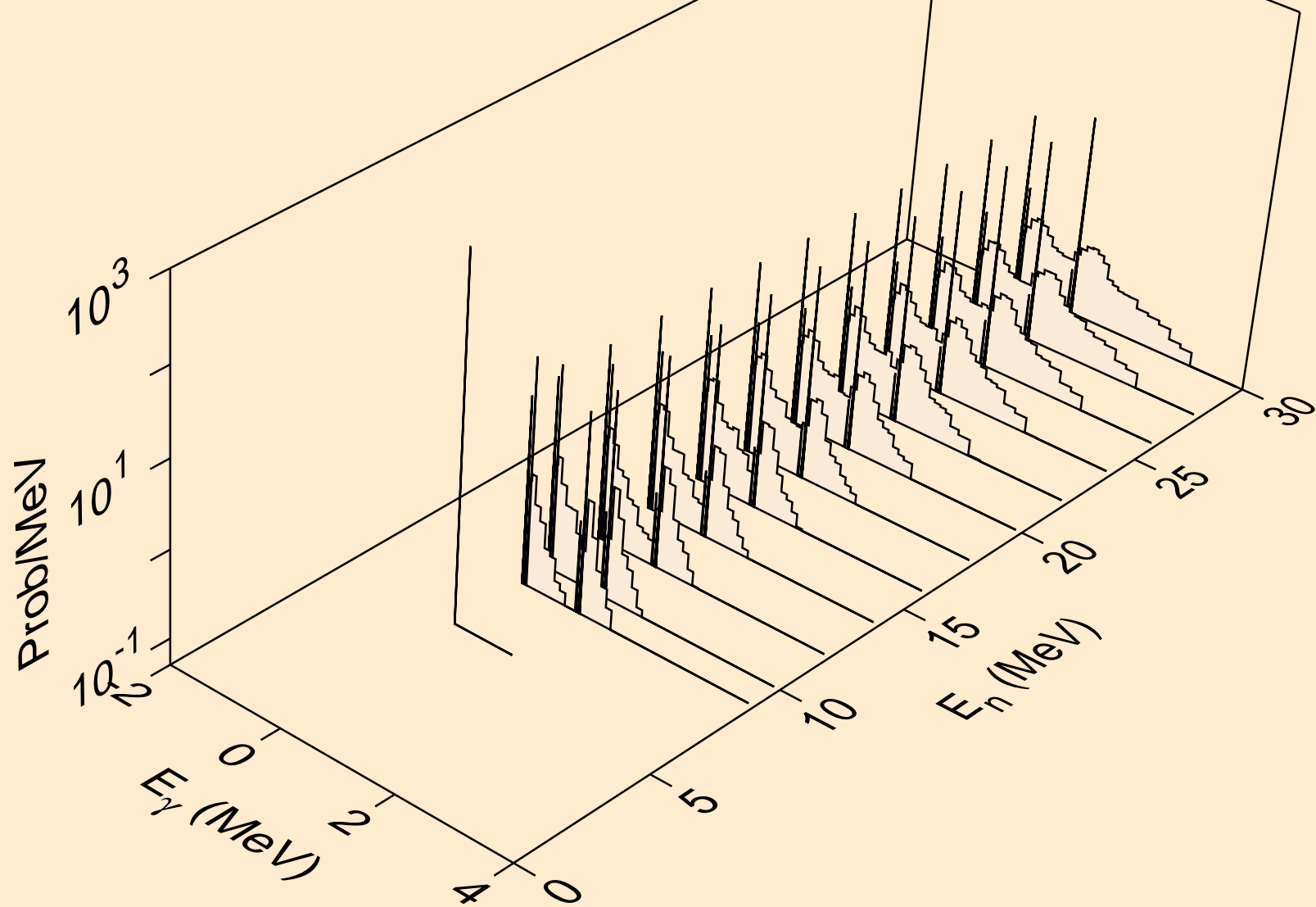
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

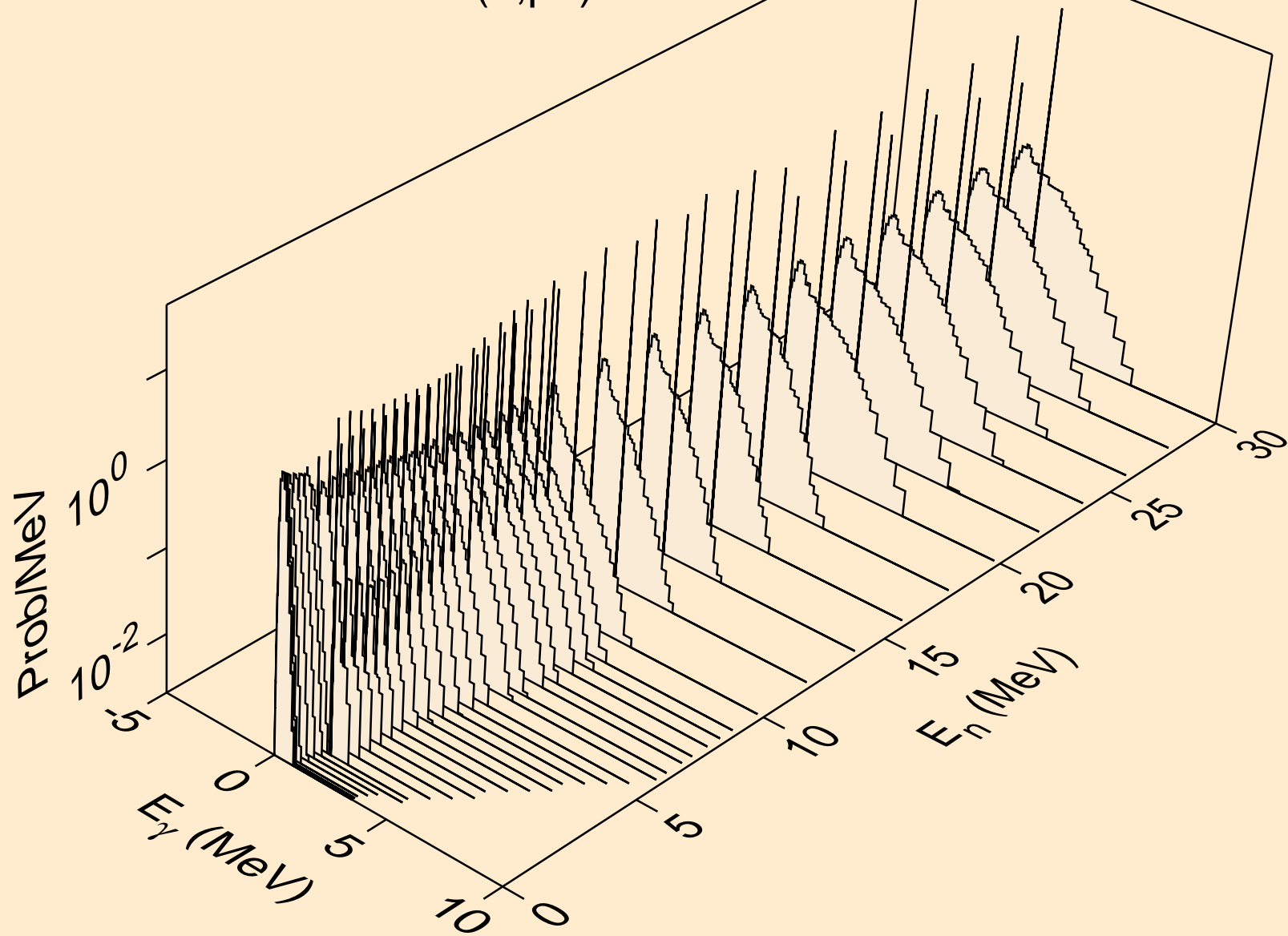


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

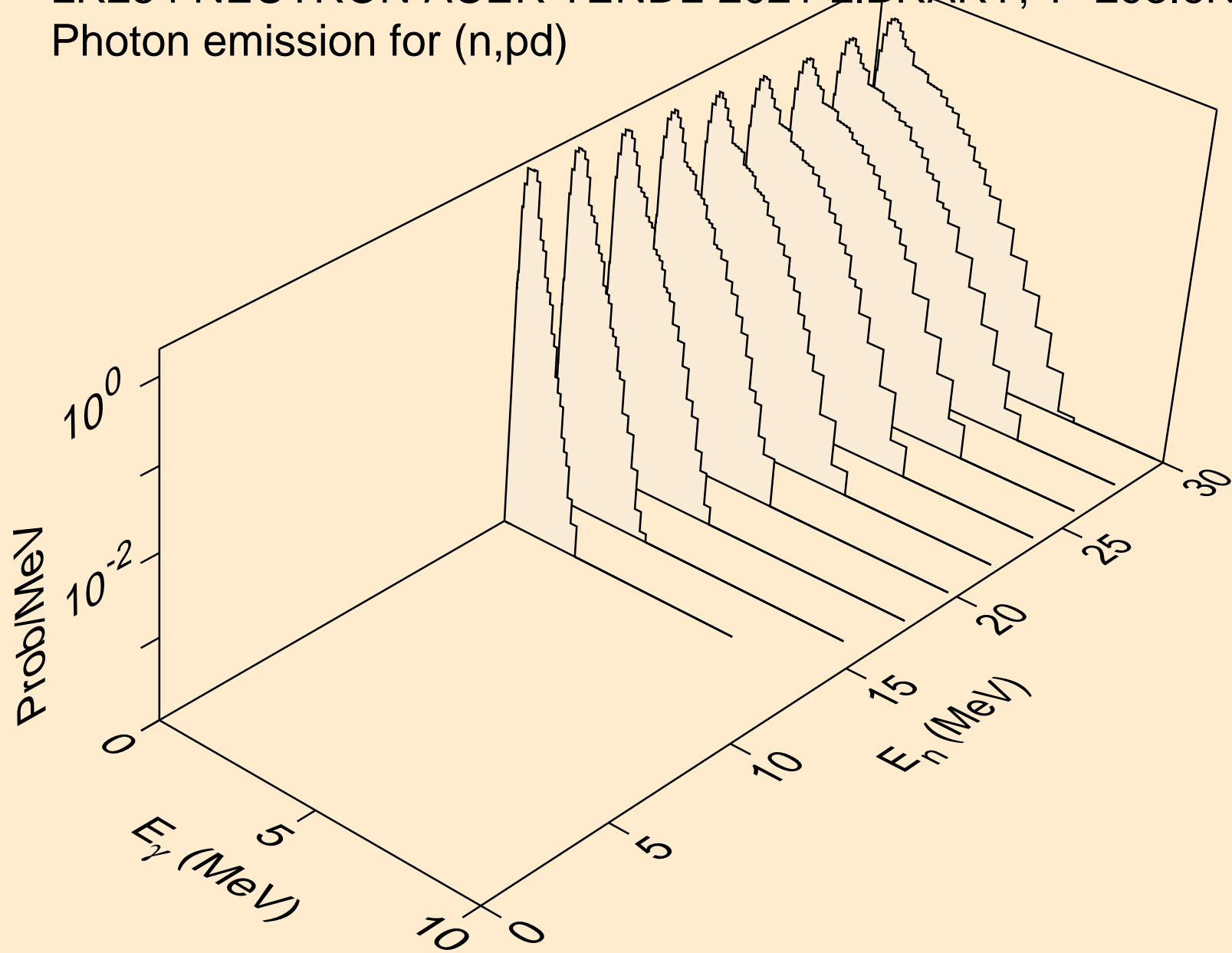




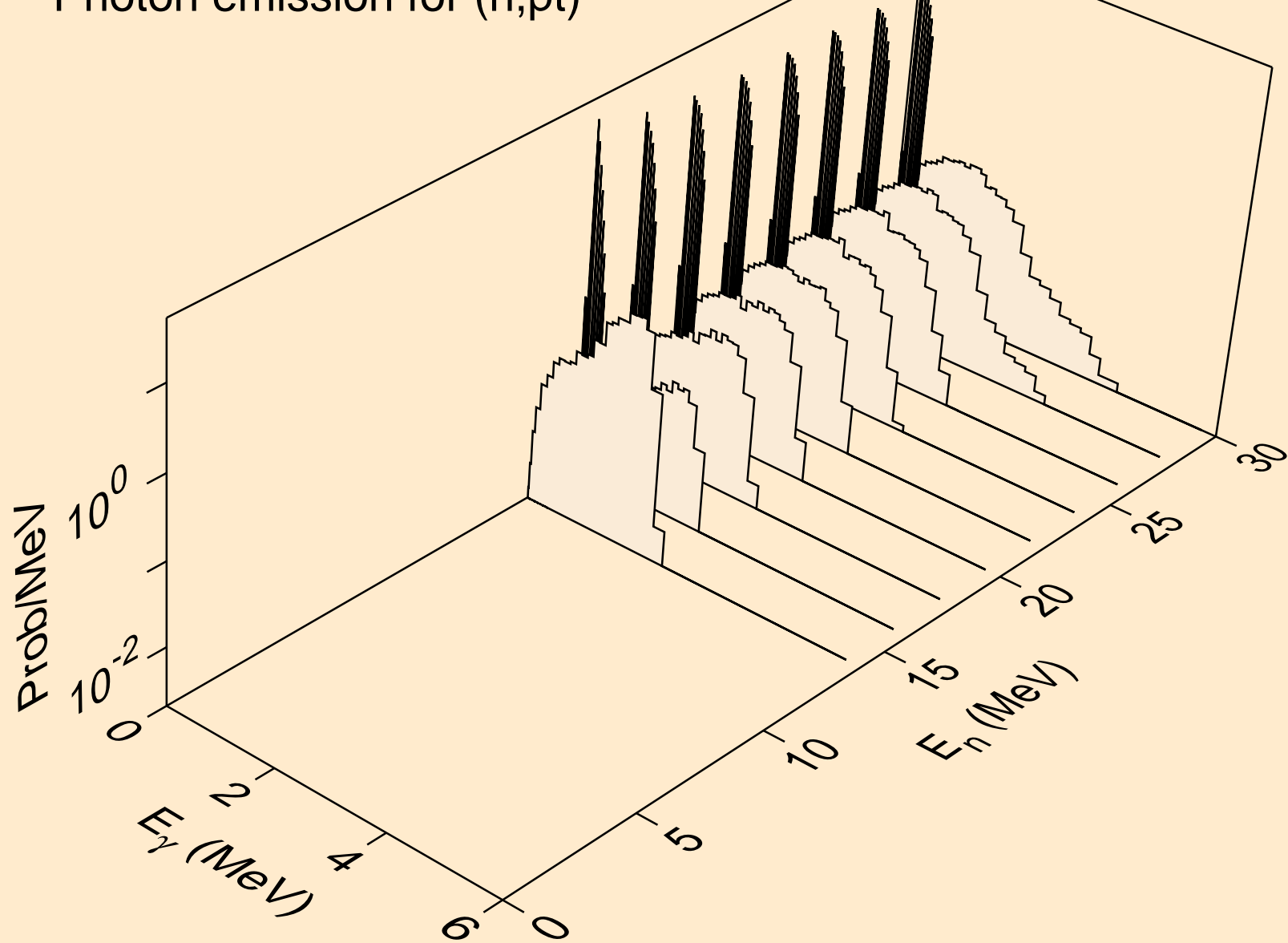
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



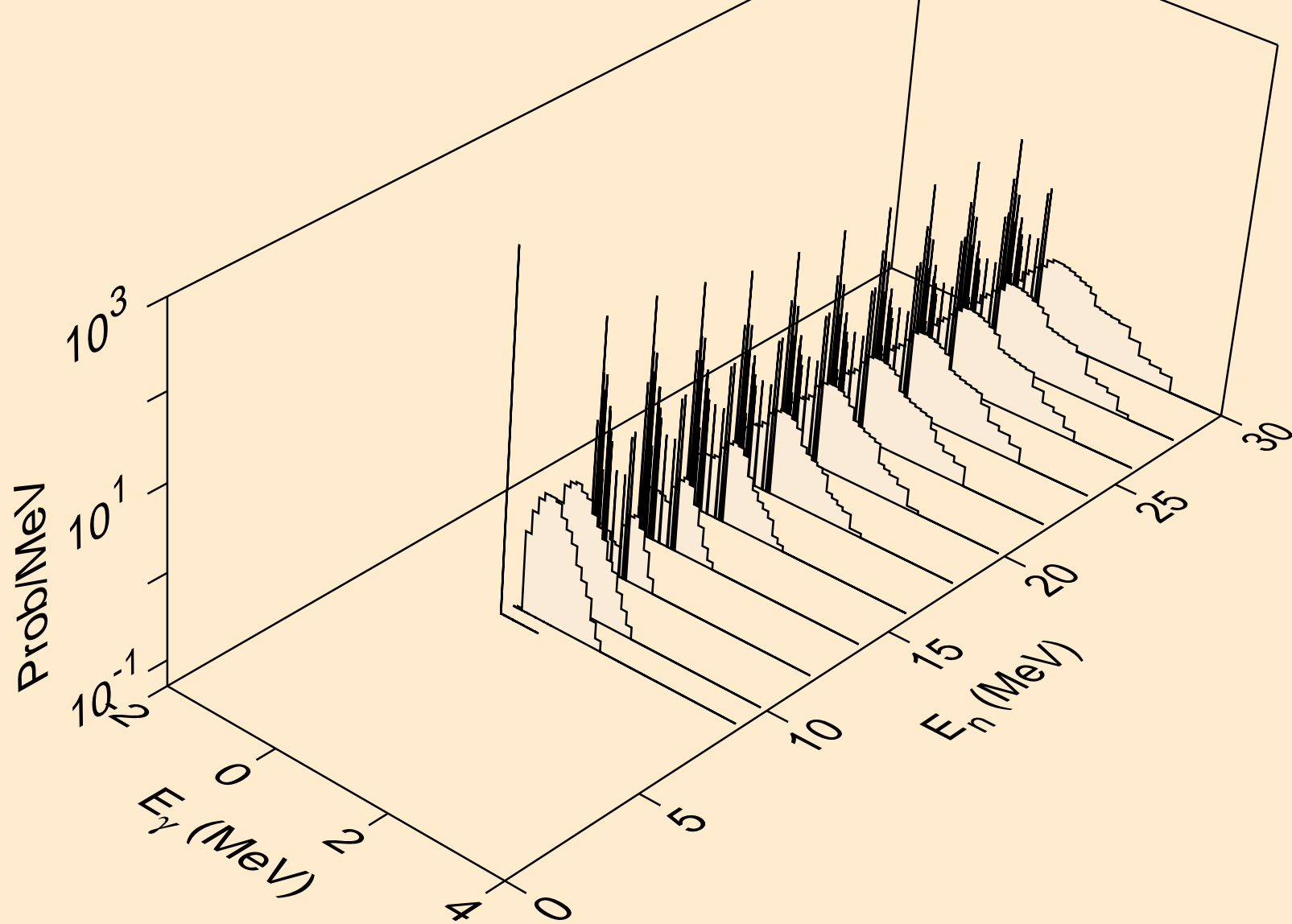
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



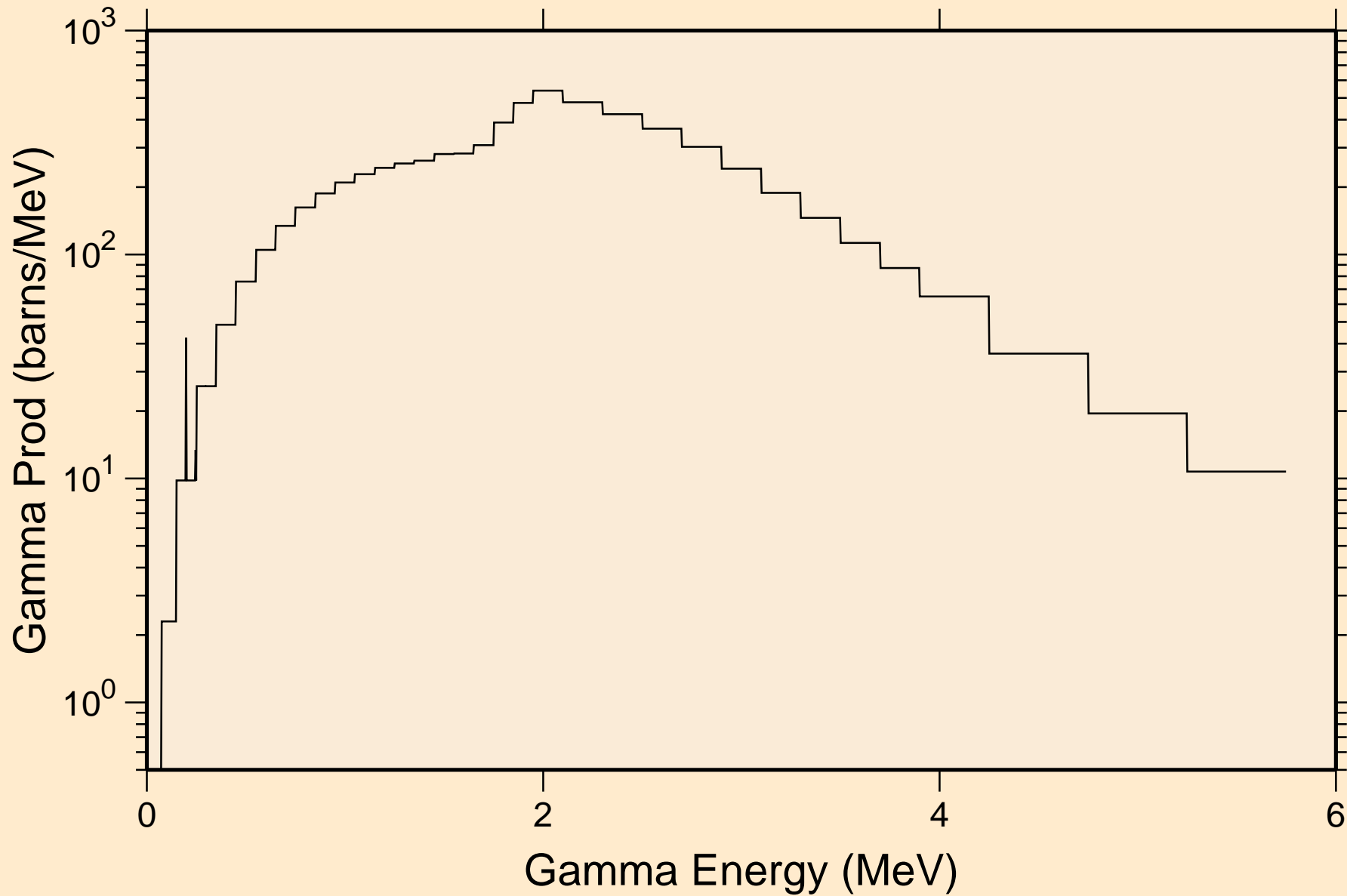
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



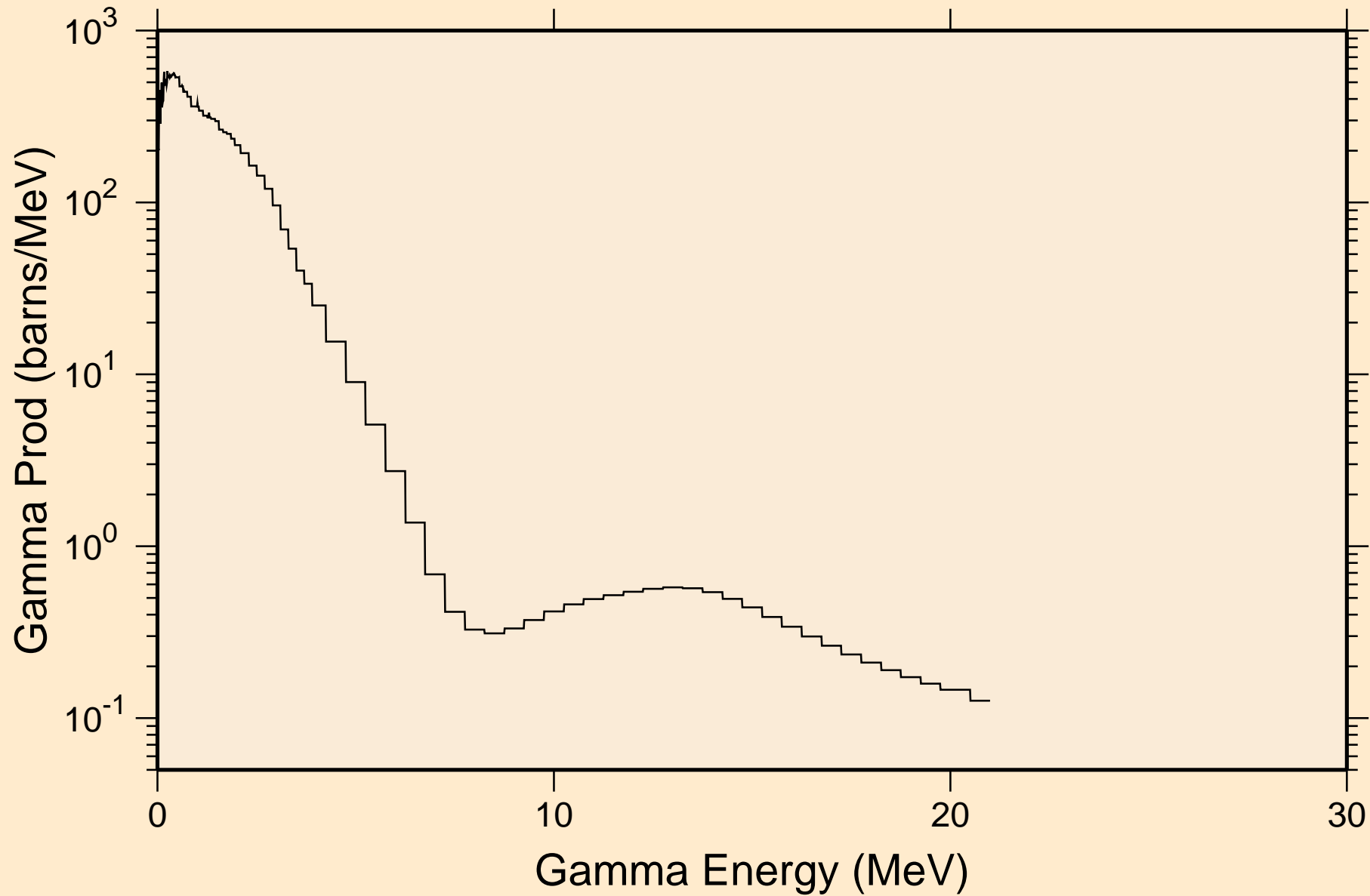
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



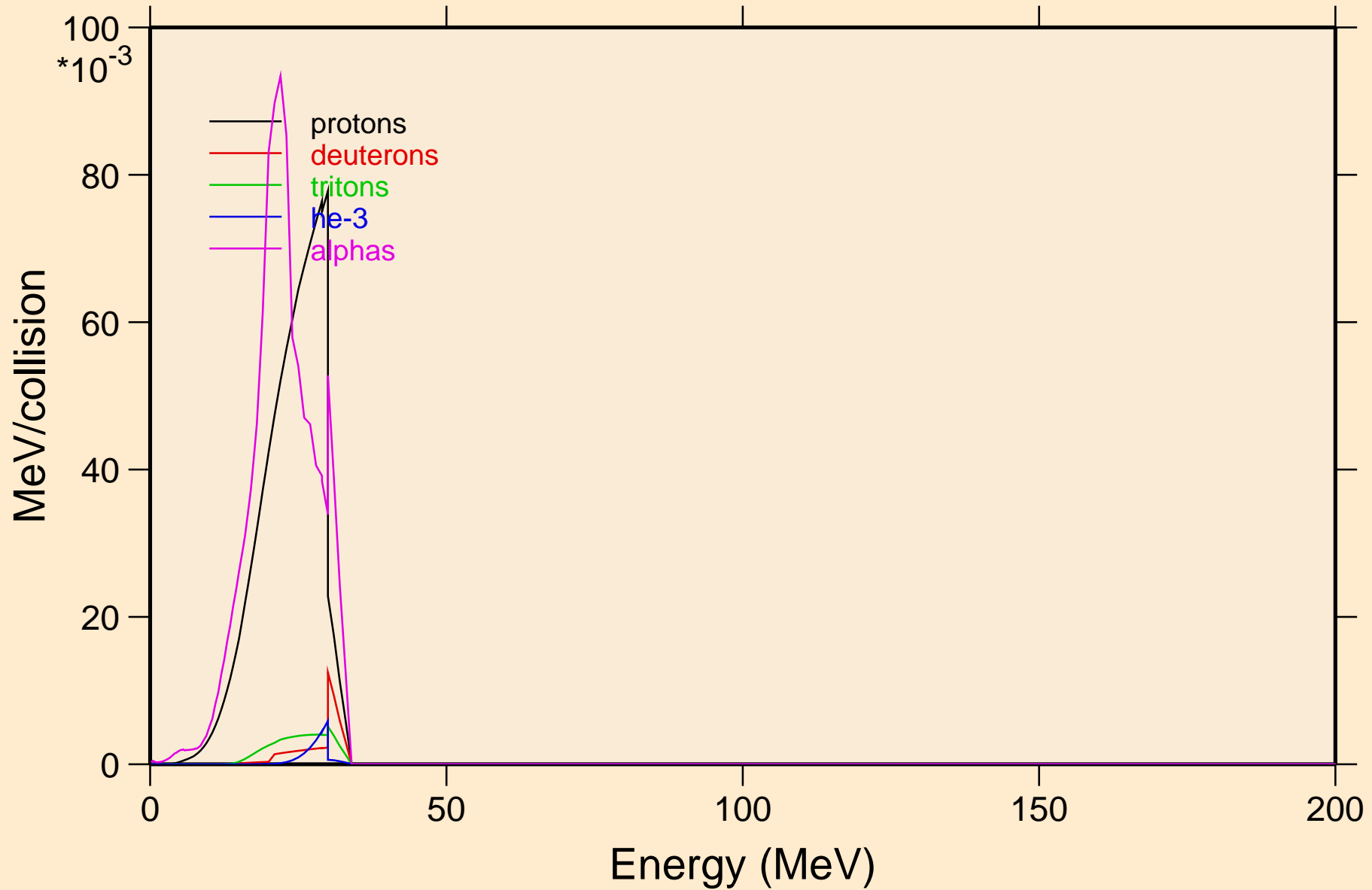
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



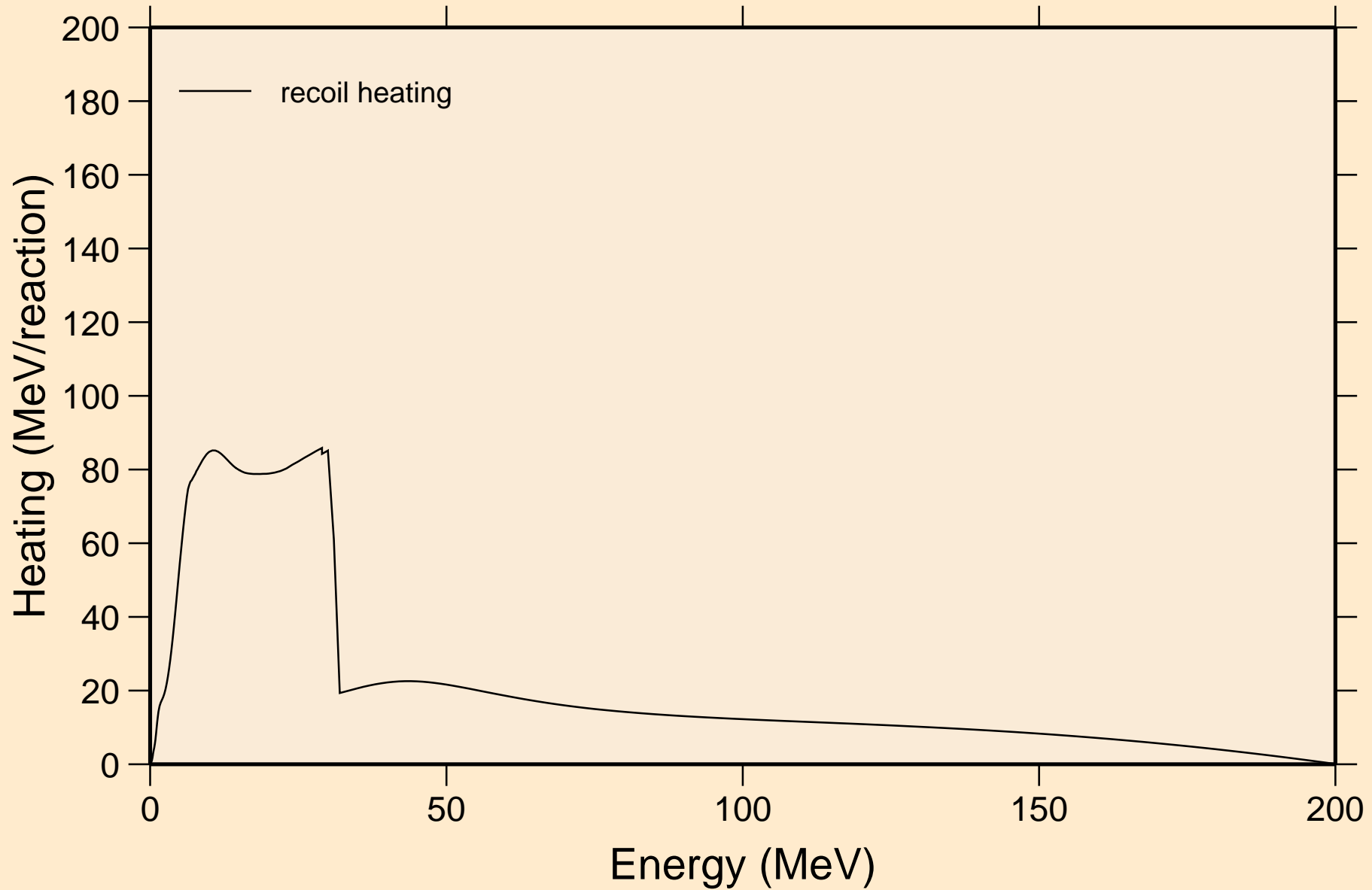
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



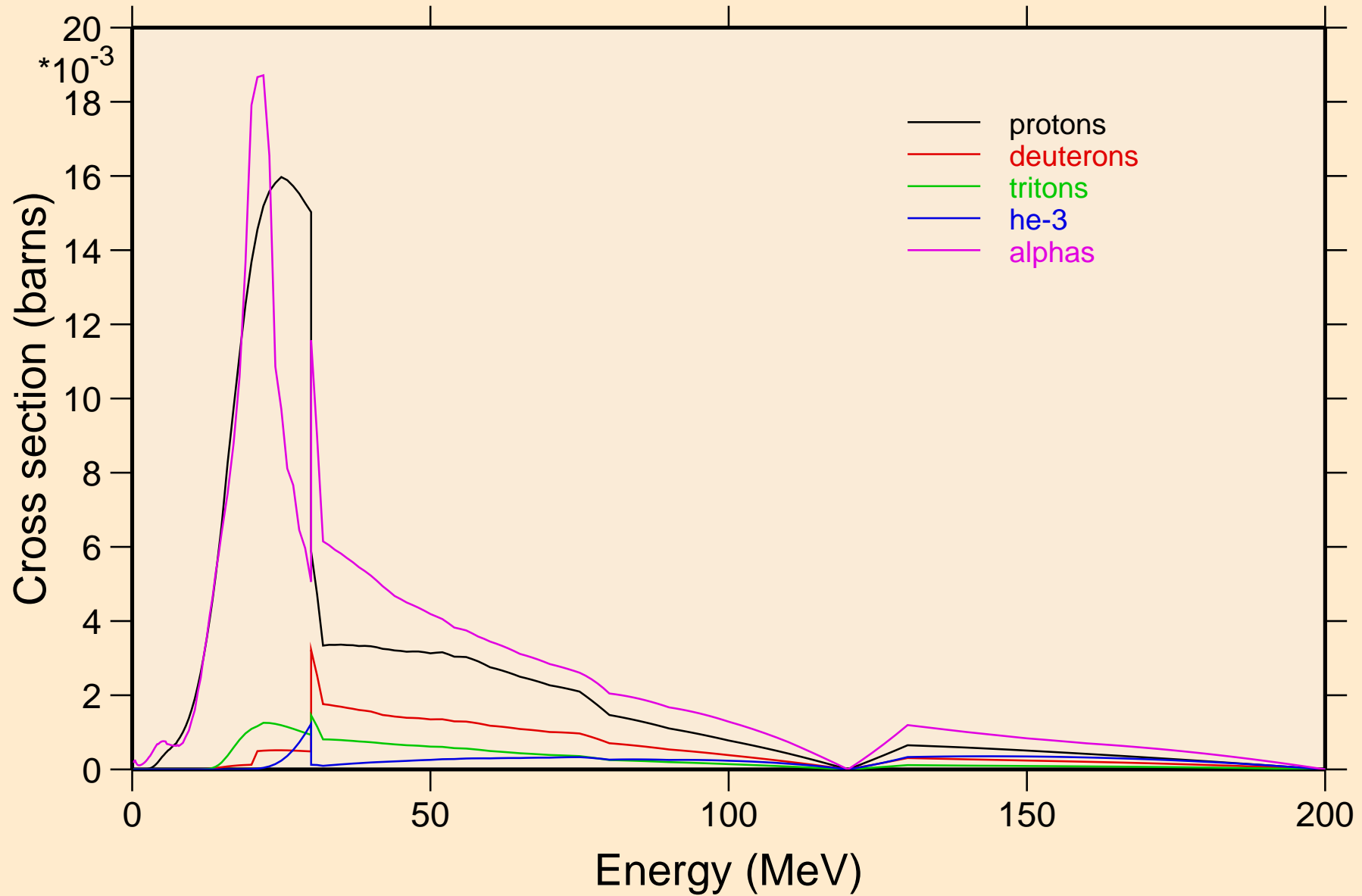
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



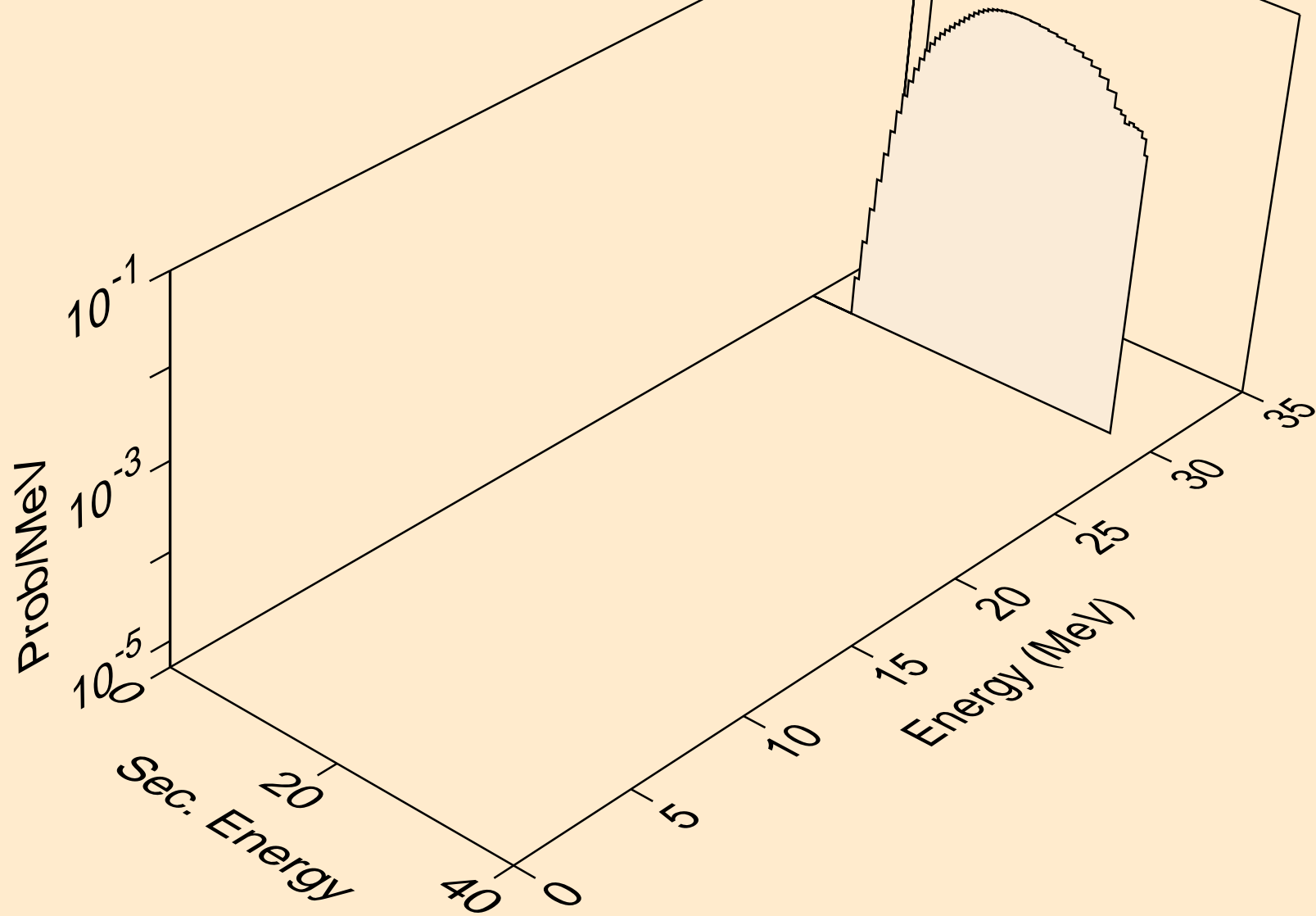


# LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

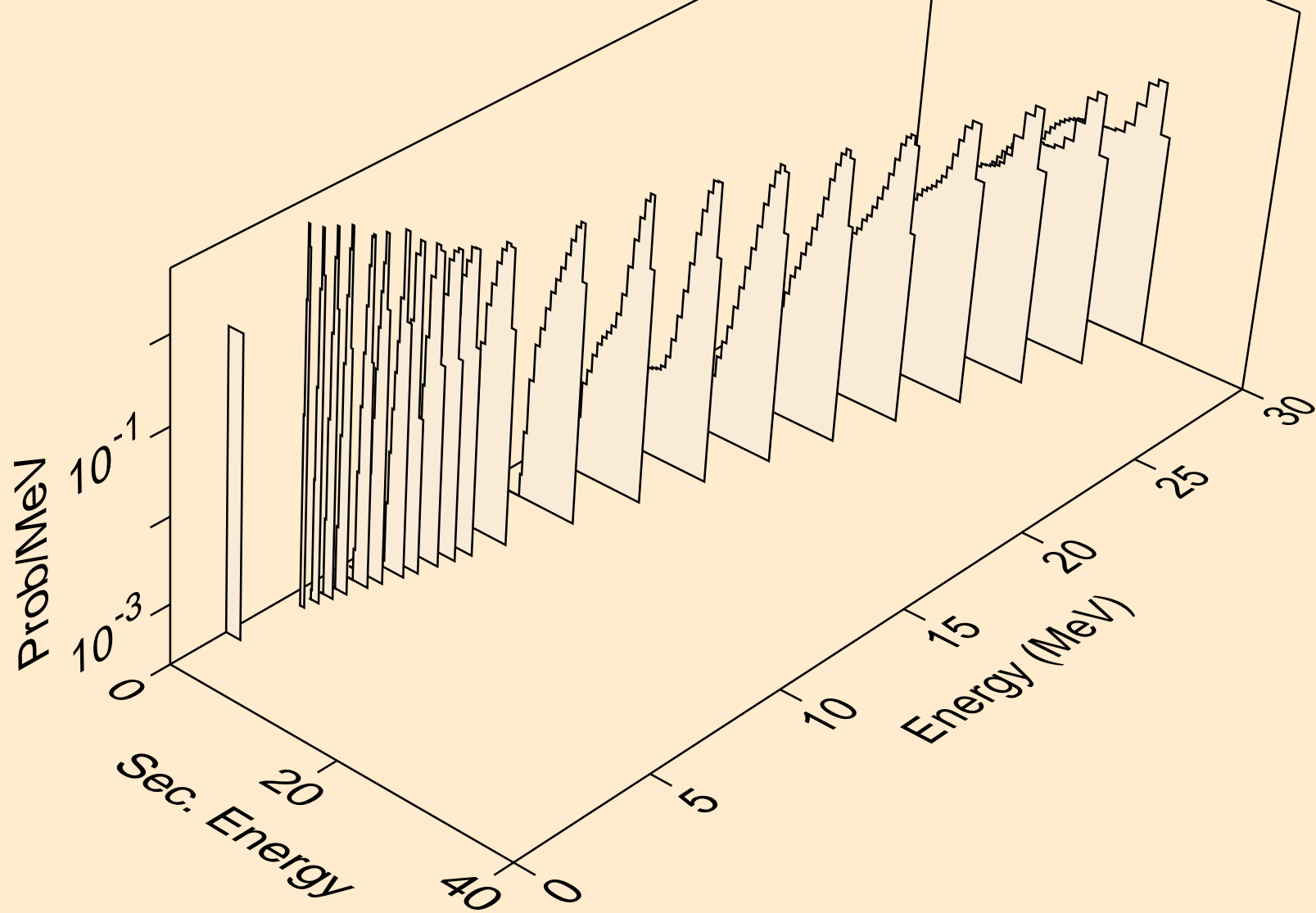
## Particle production cross sections



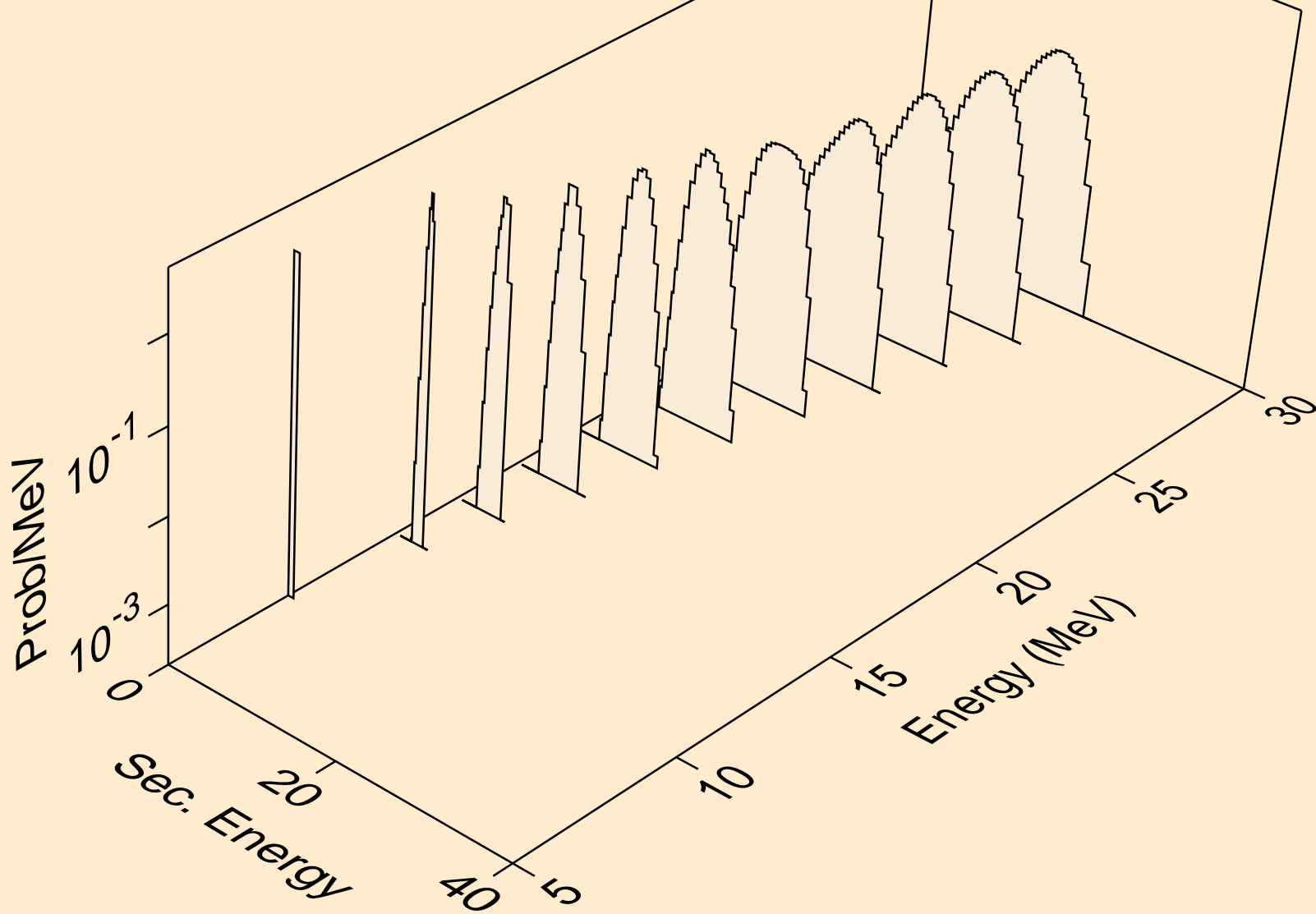
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



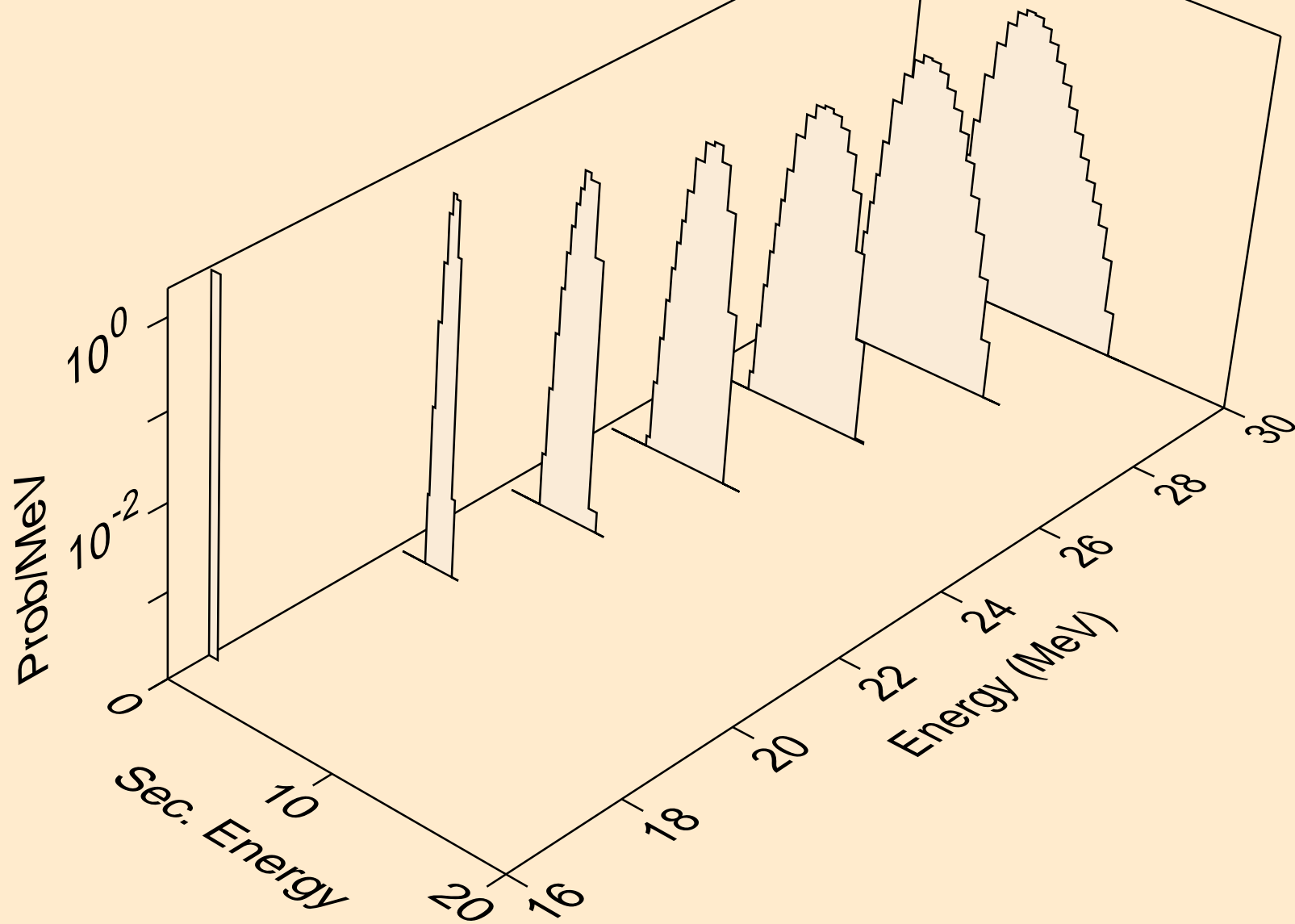
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



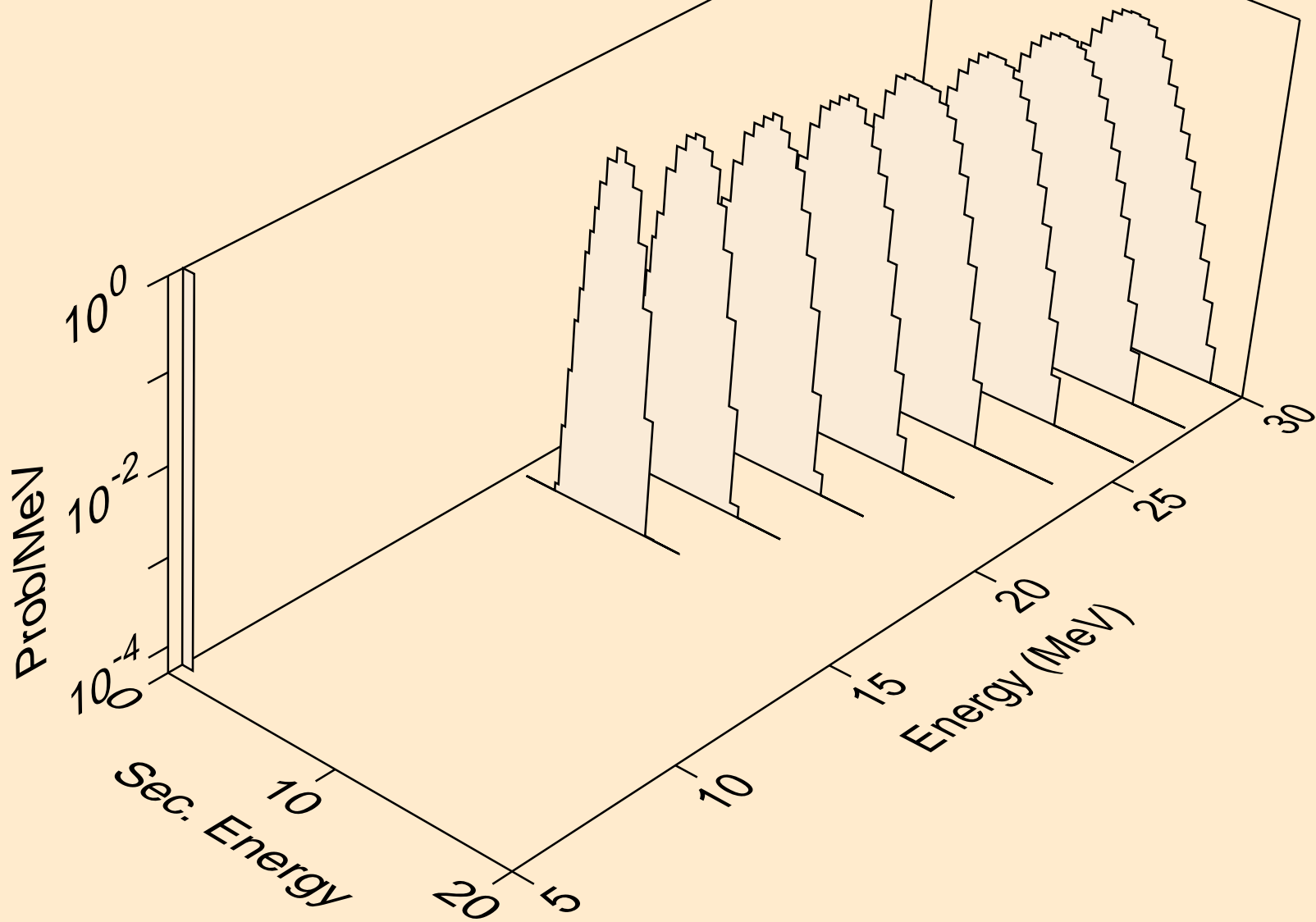
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



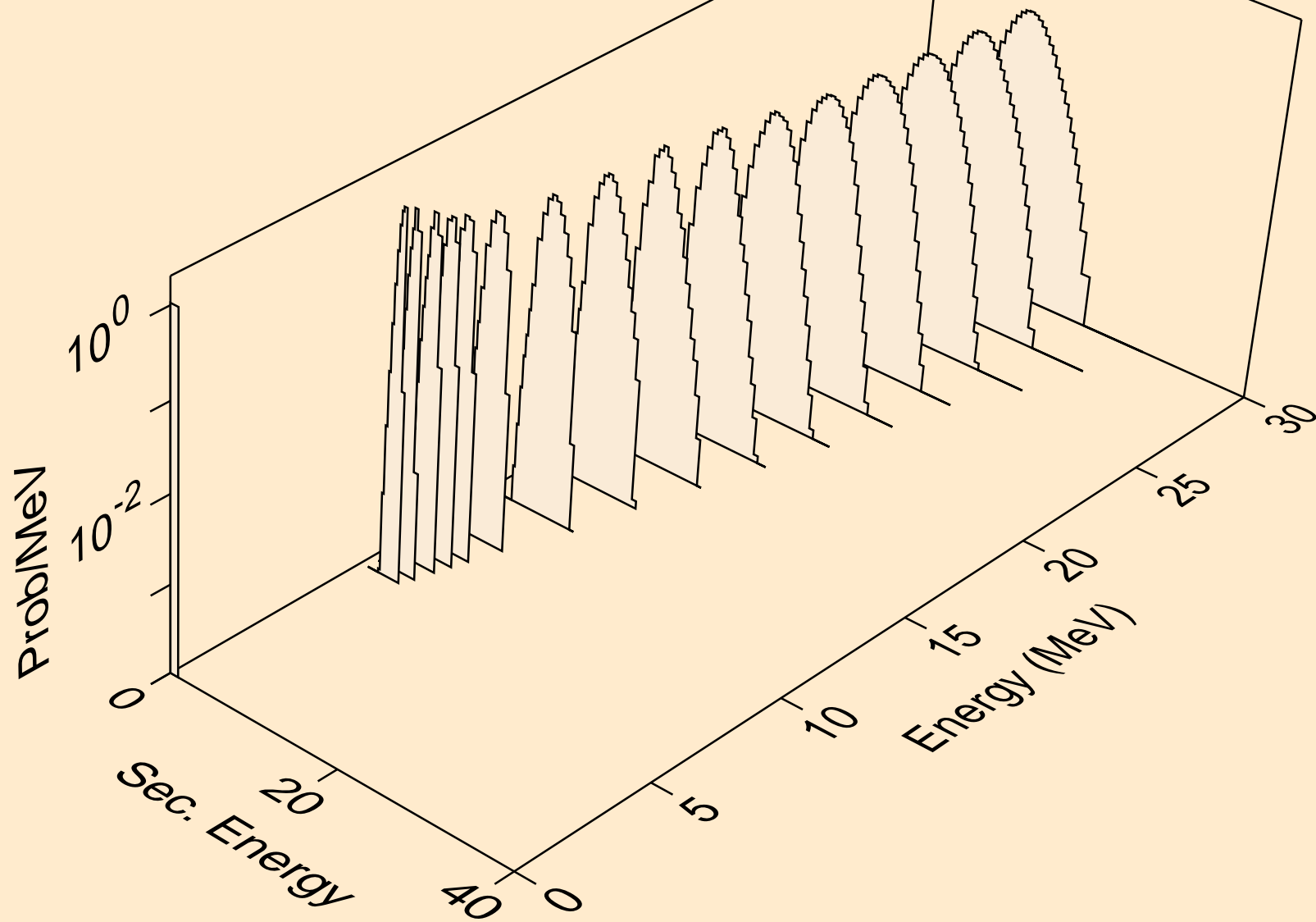
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



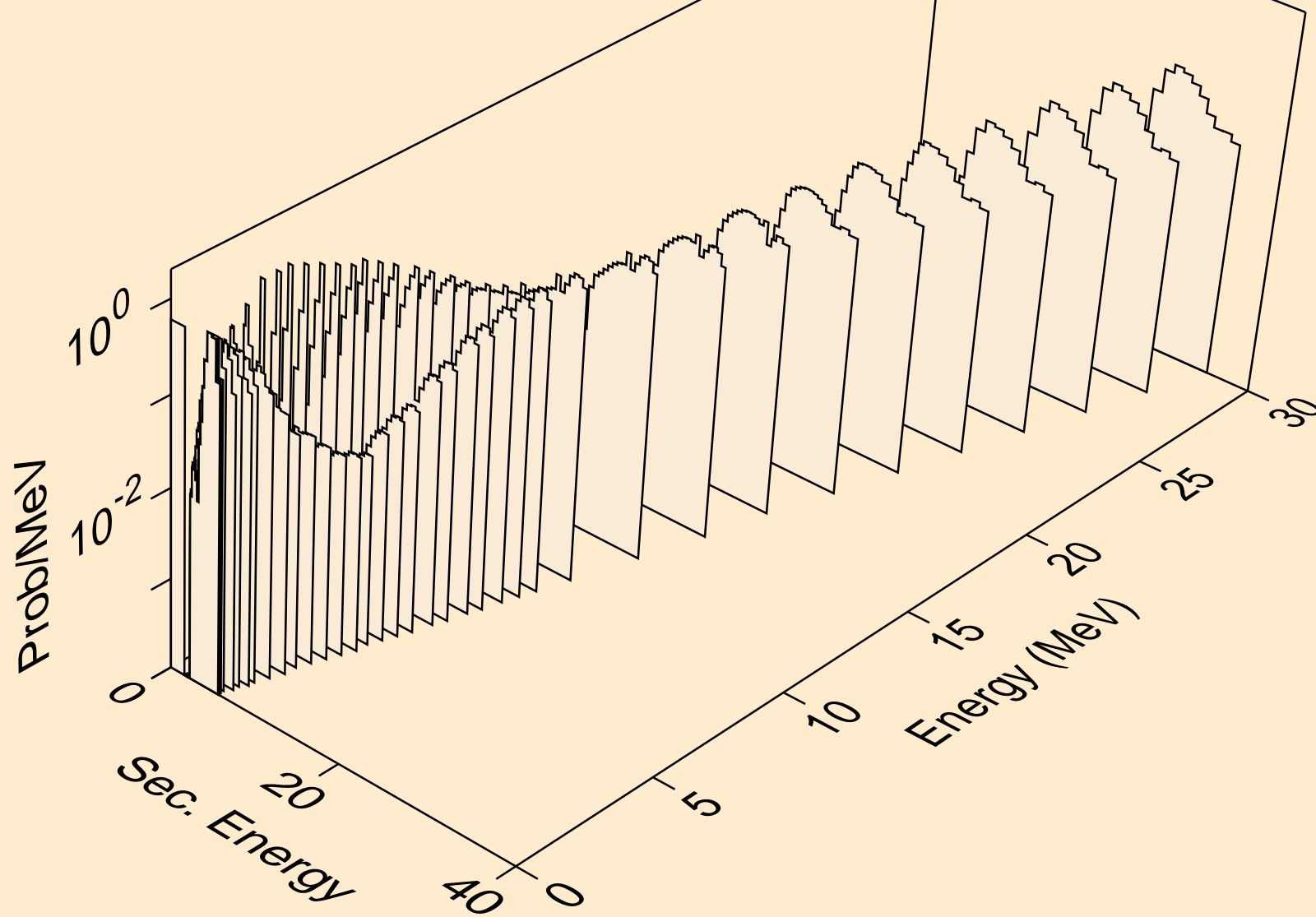
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

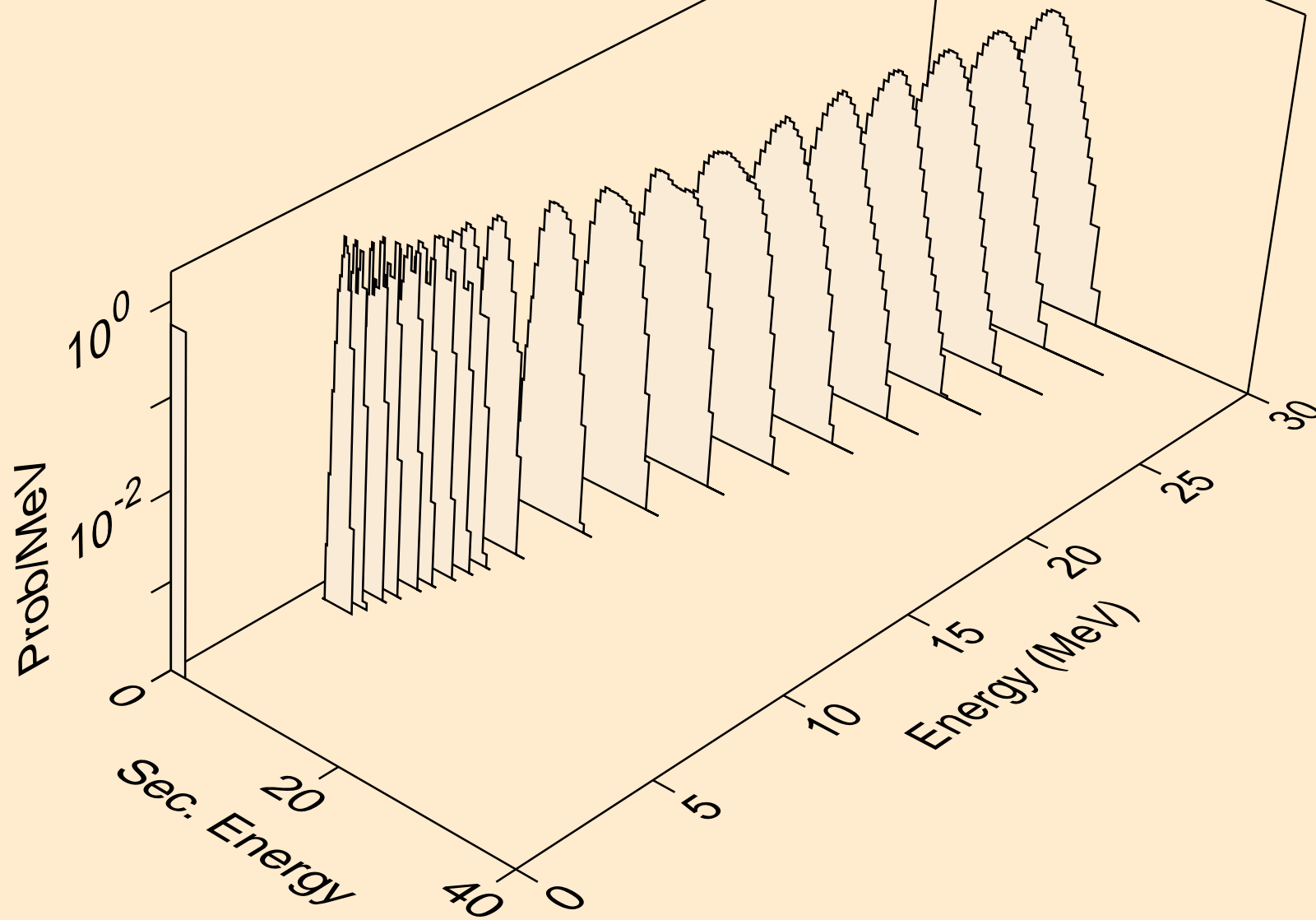


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

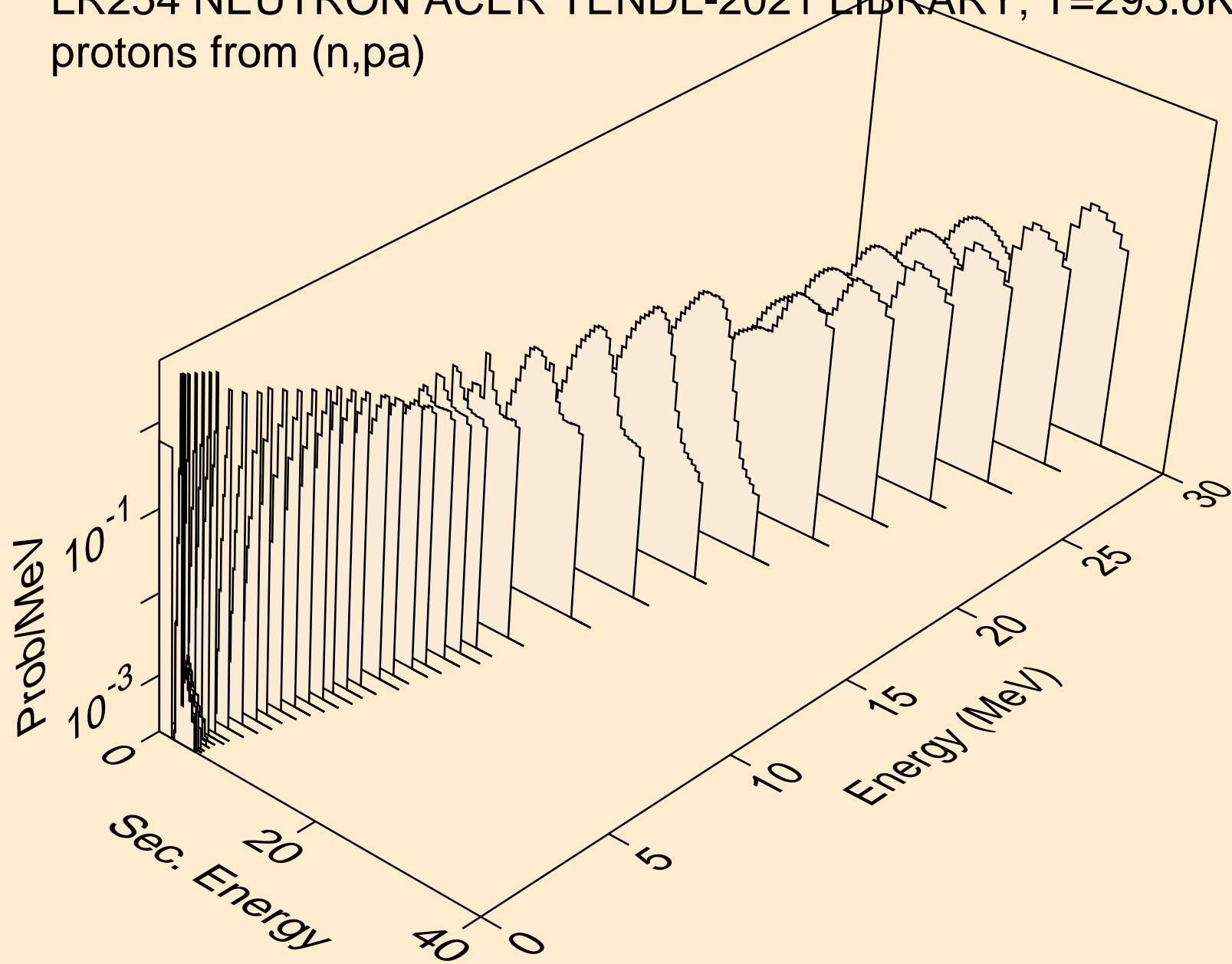




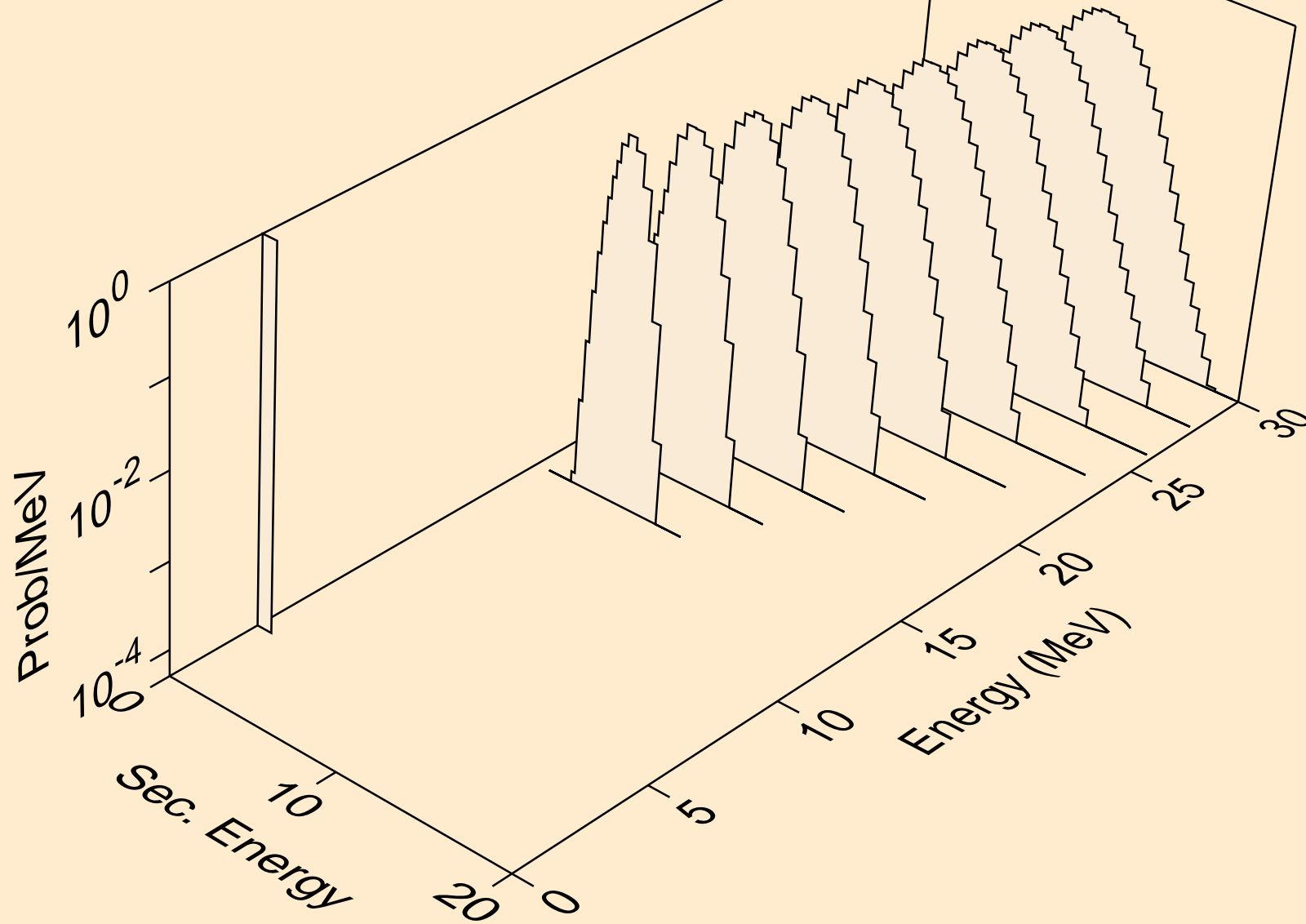
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



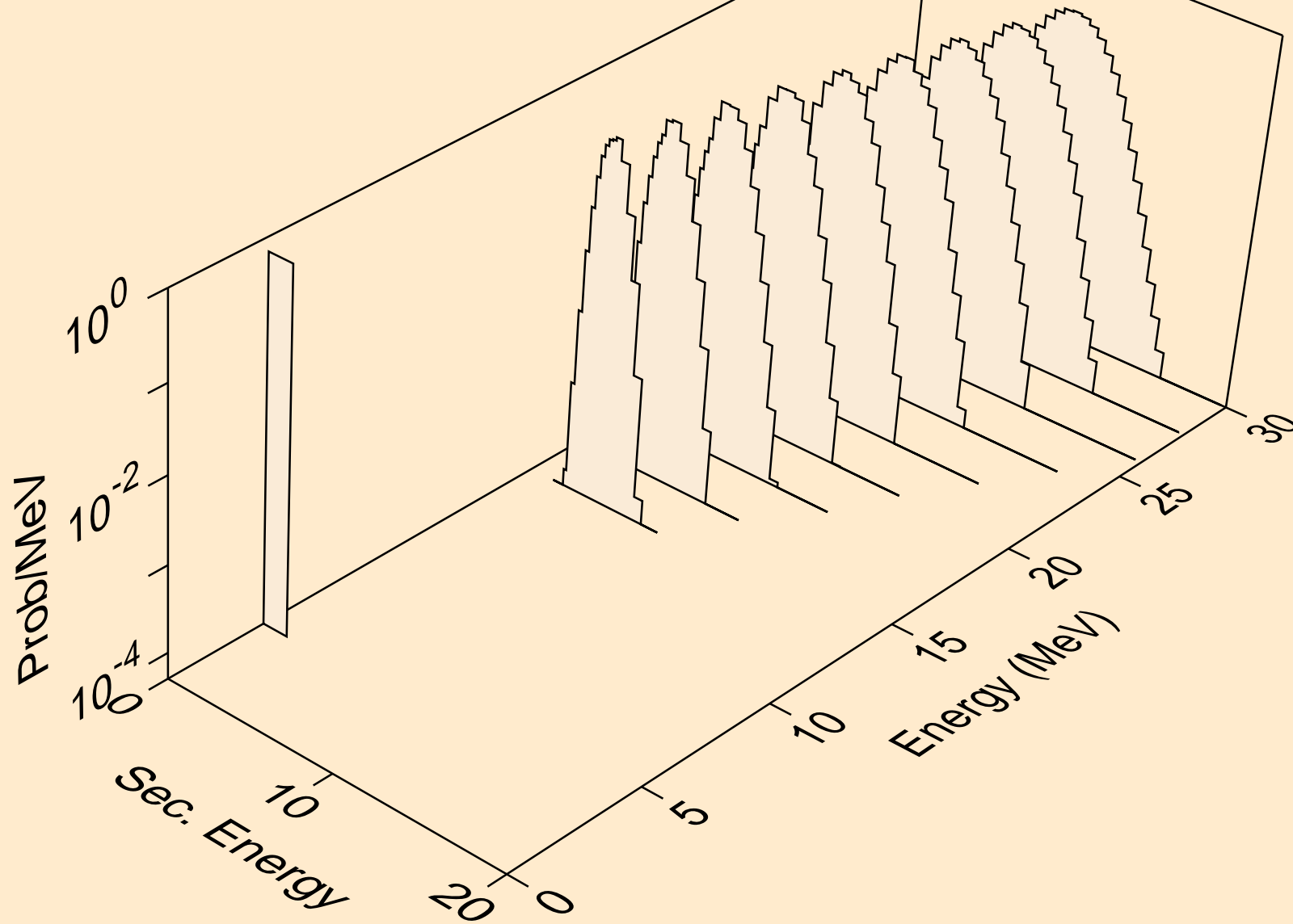
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



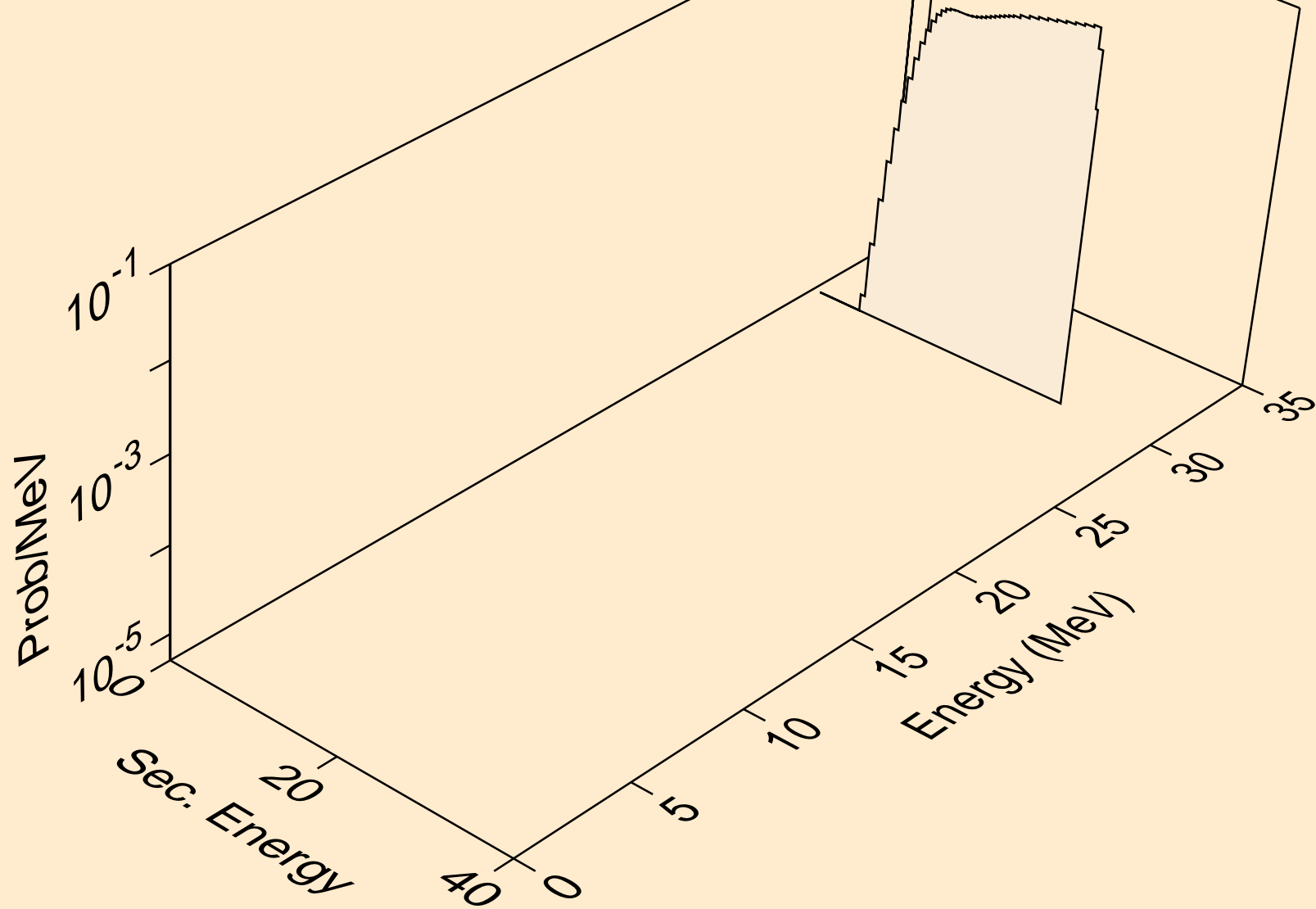
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



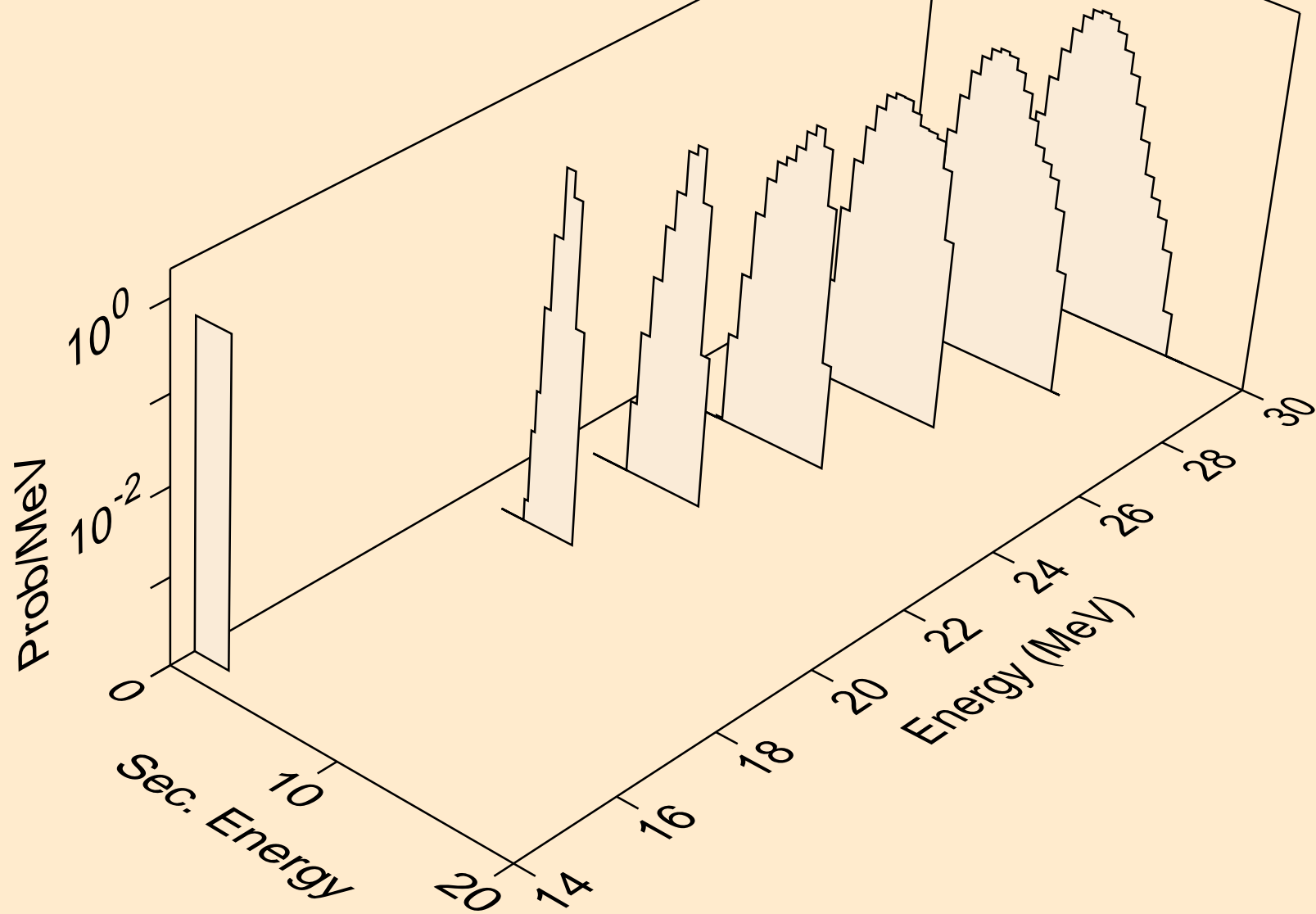
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



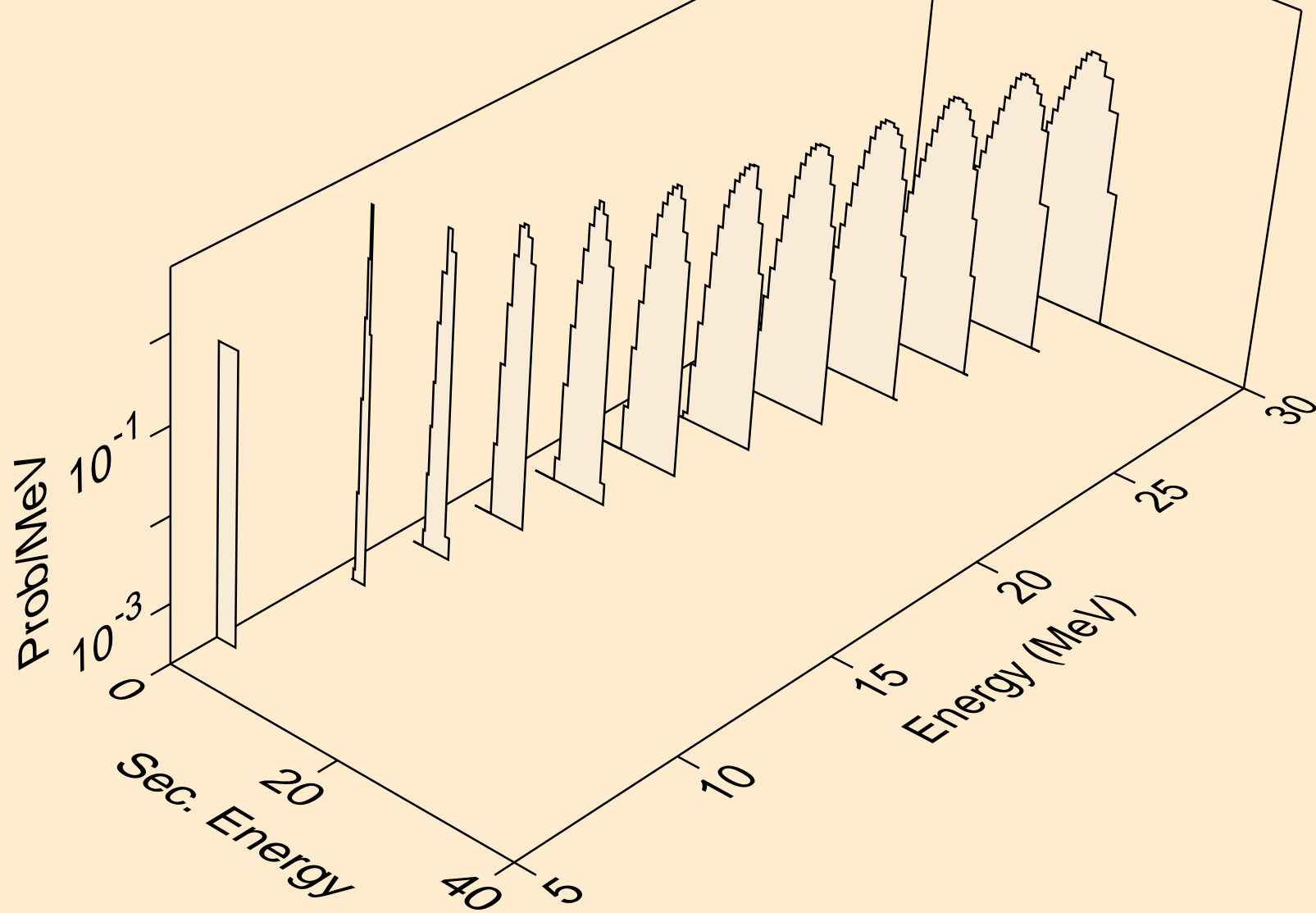
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



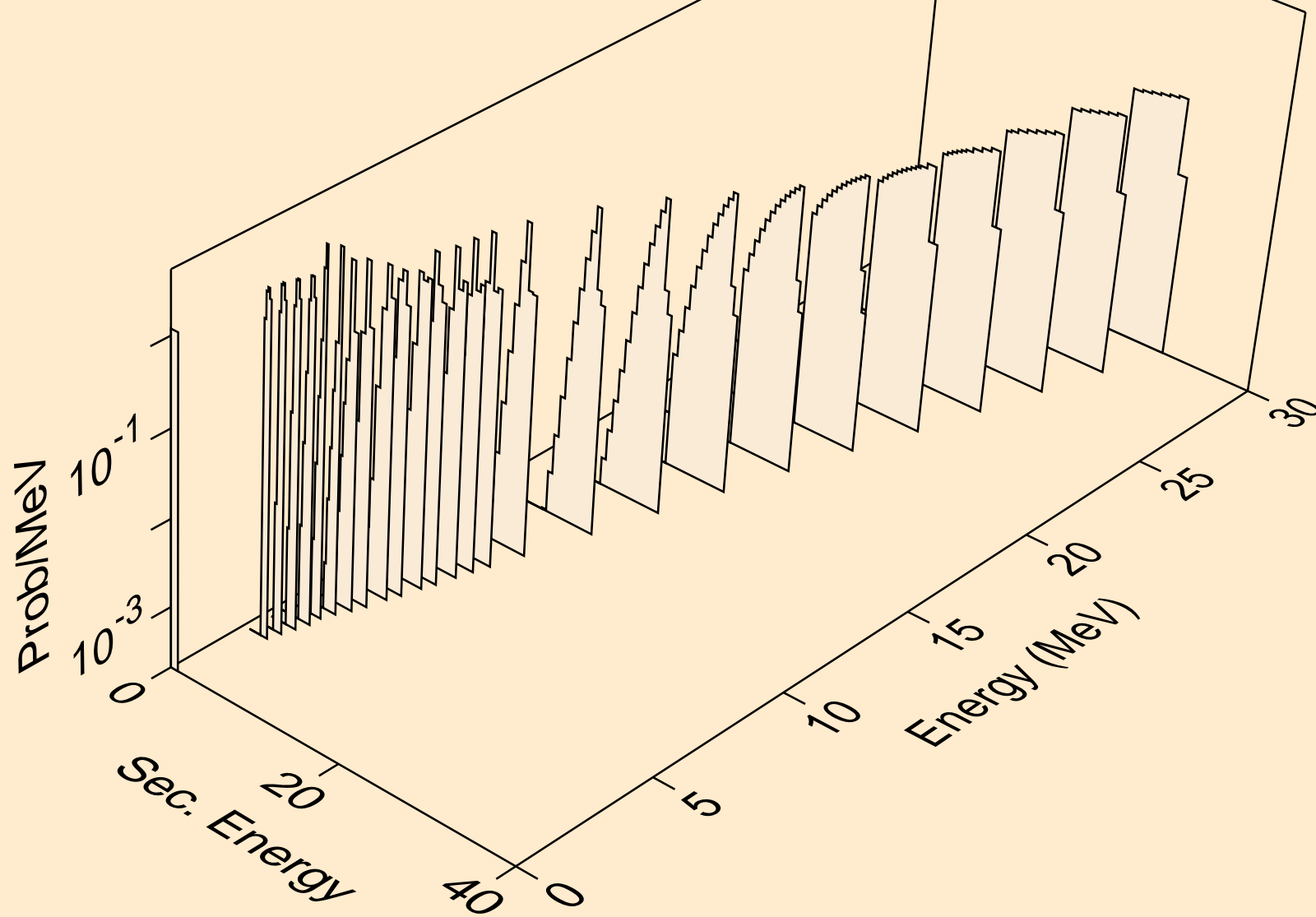
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

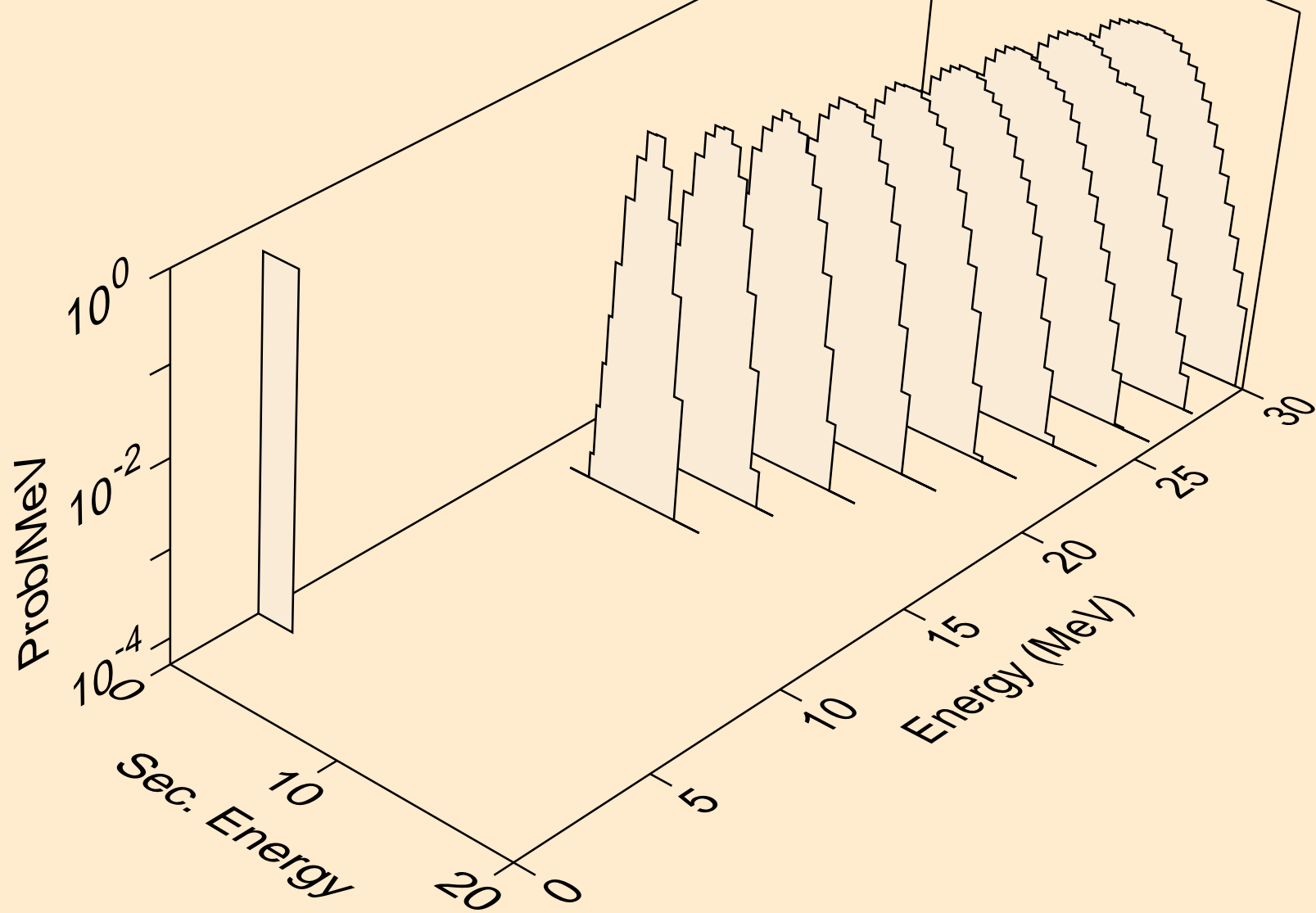


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

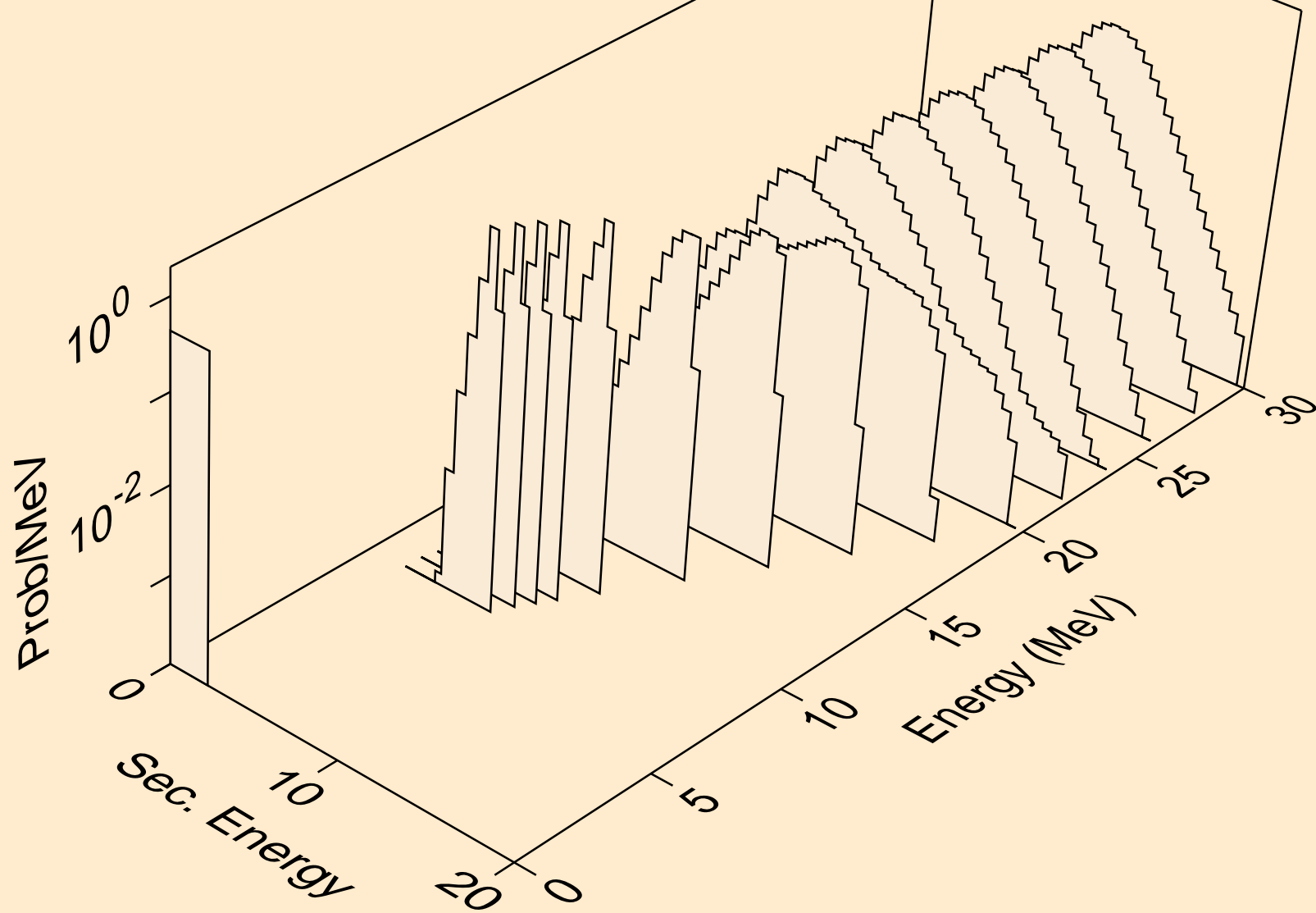




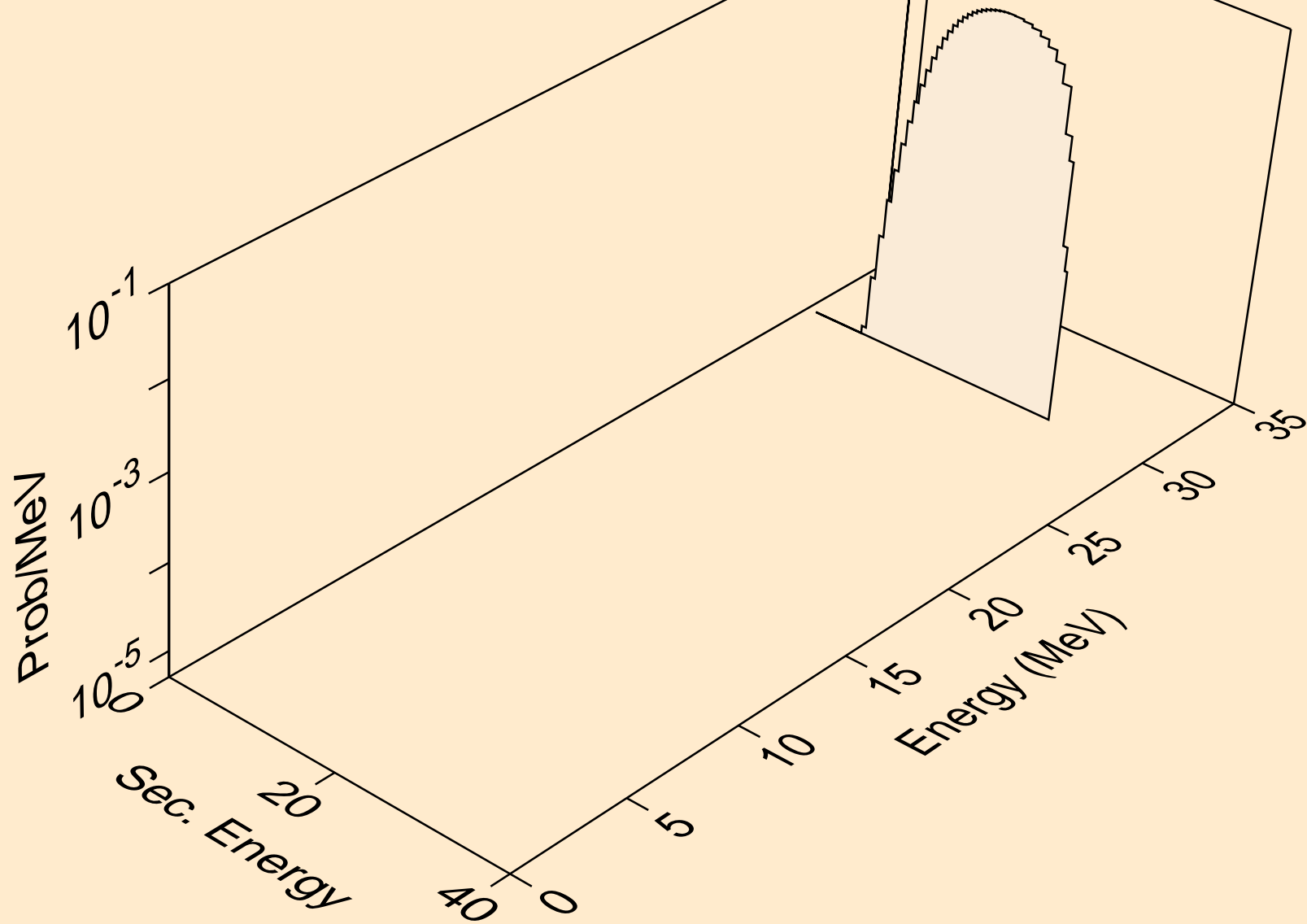
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



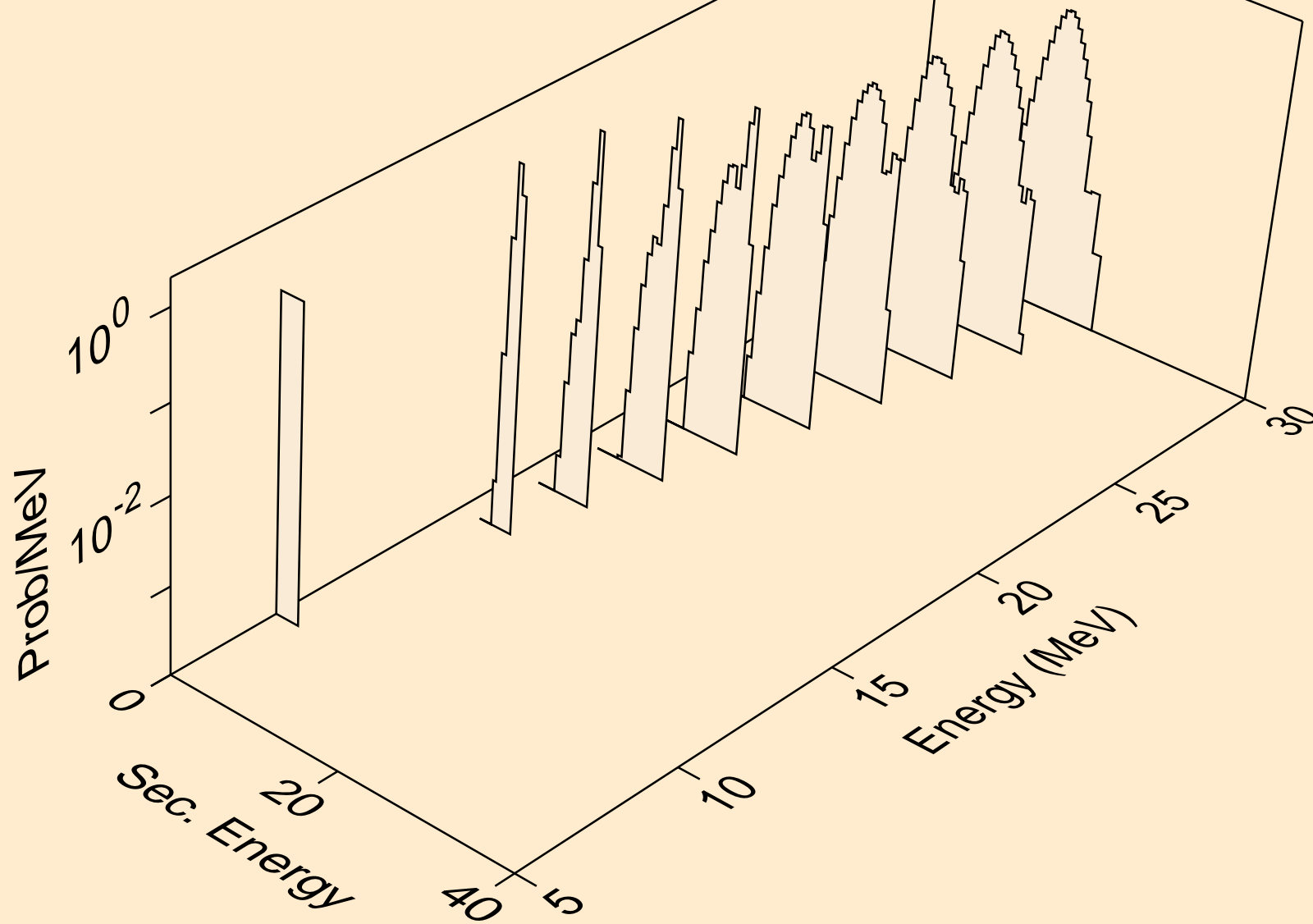
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



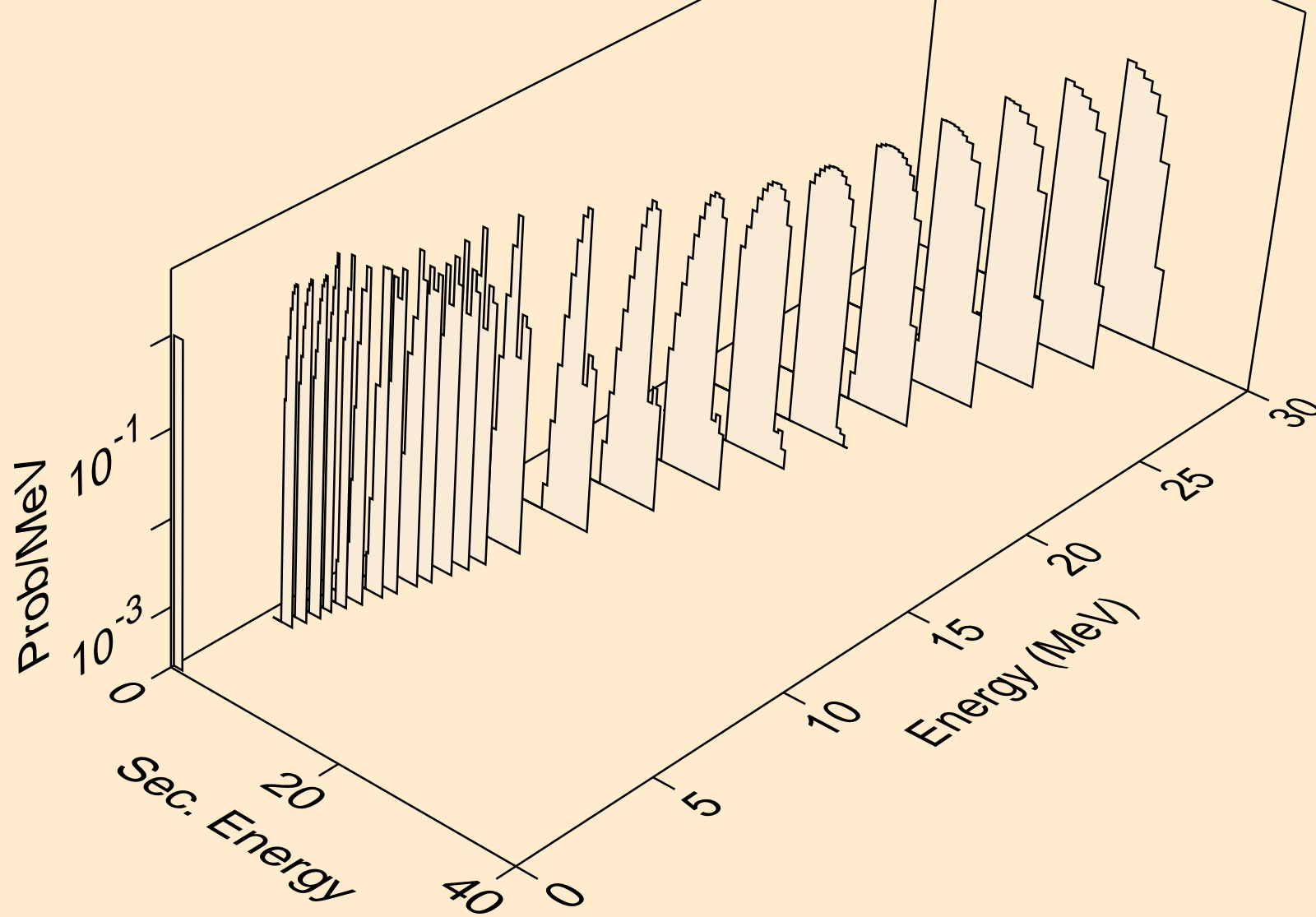
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



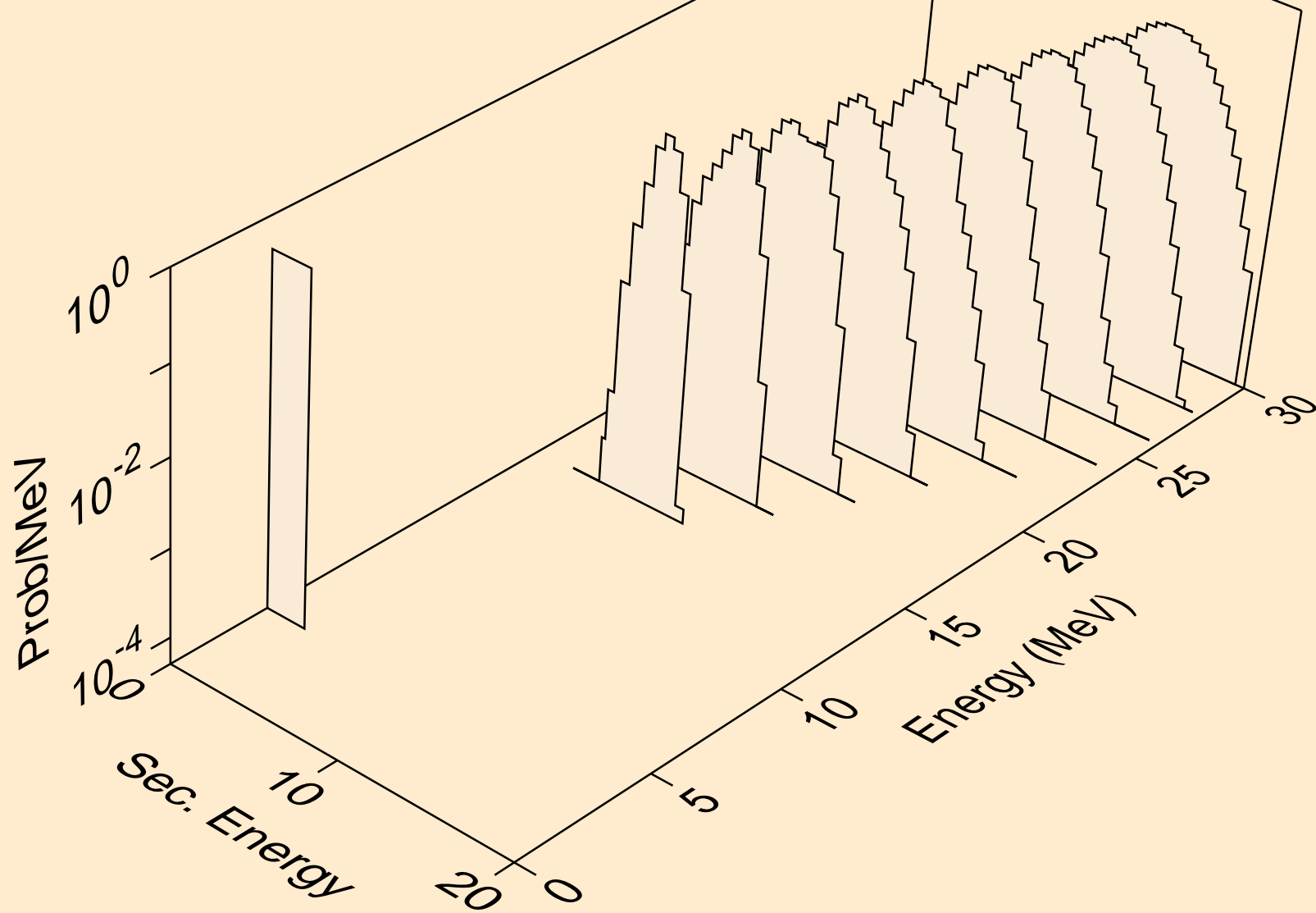
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



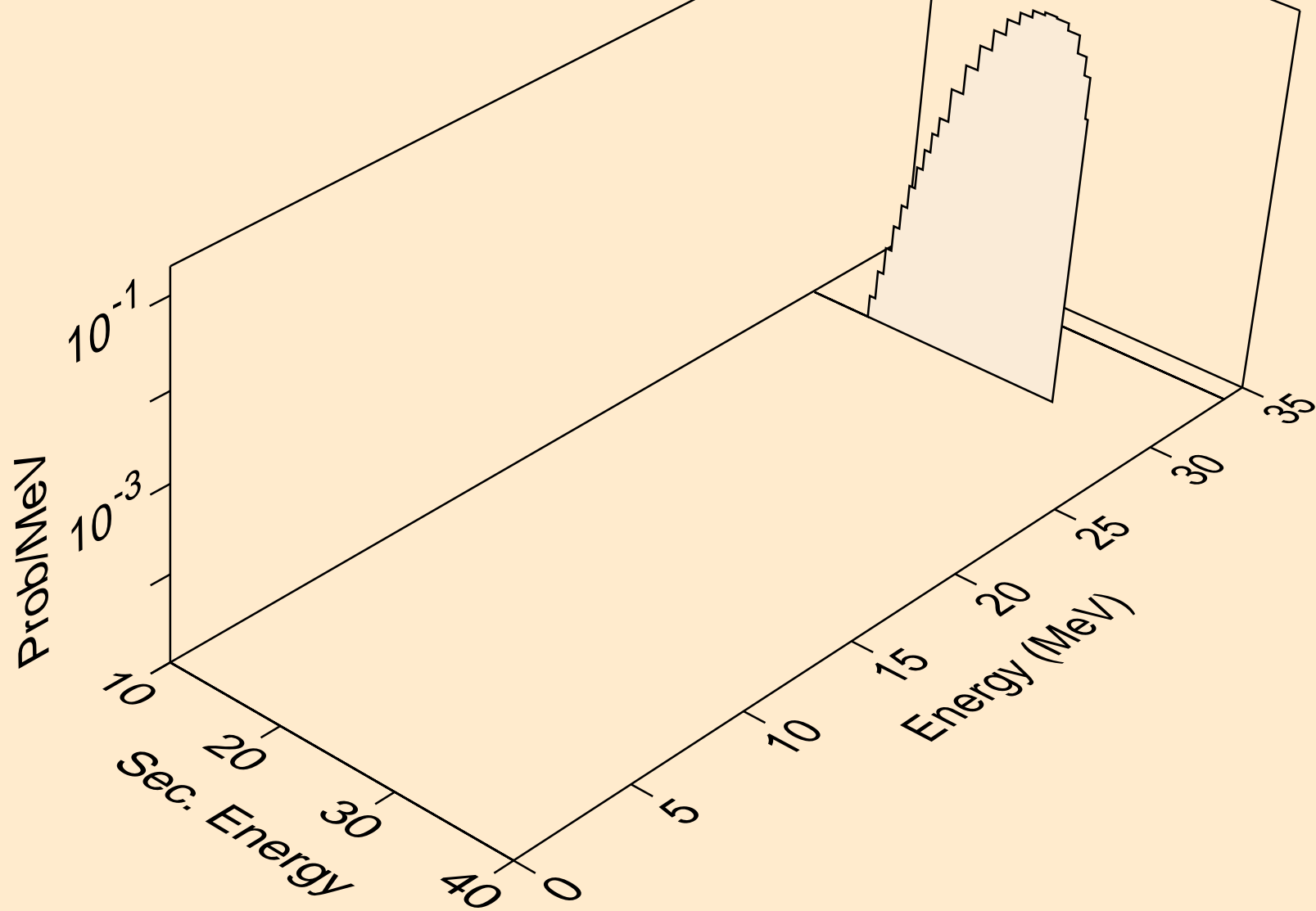
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



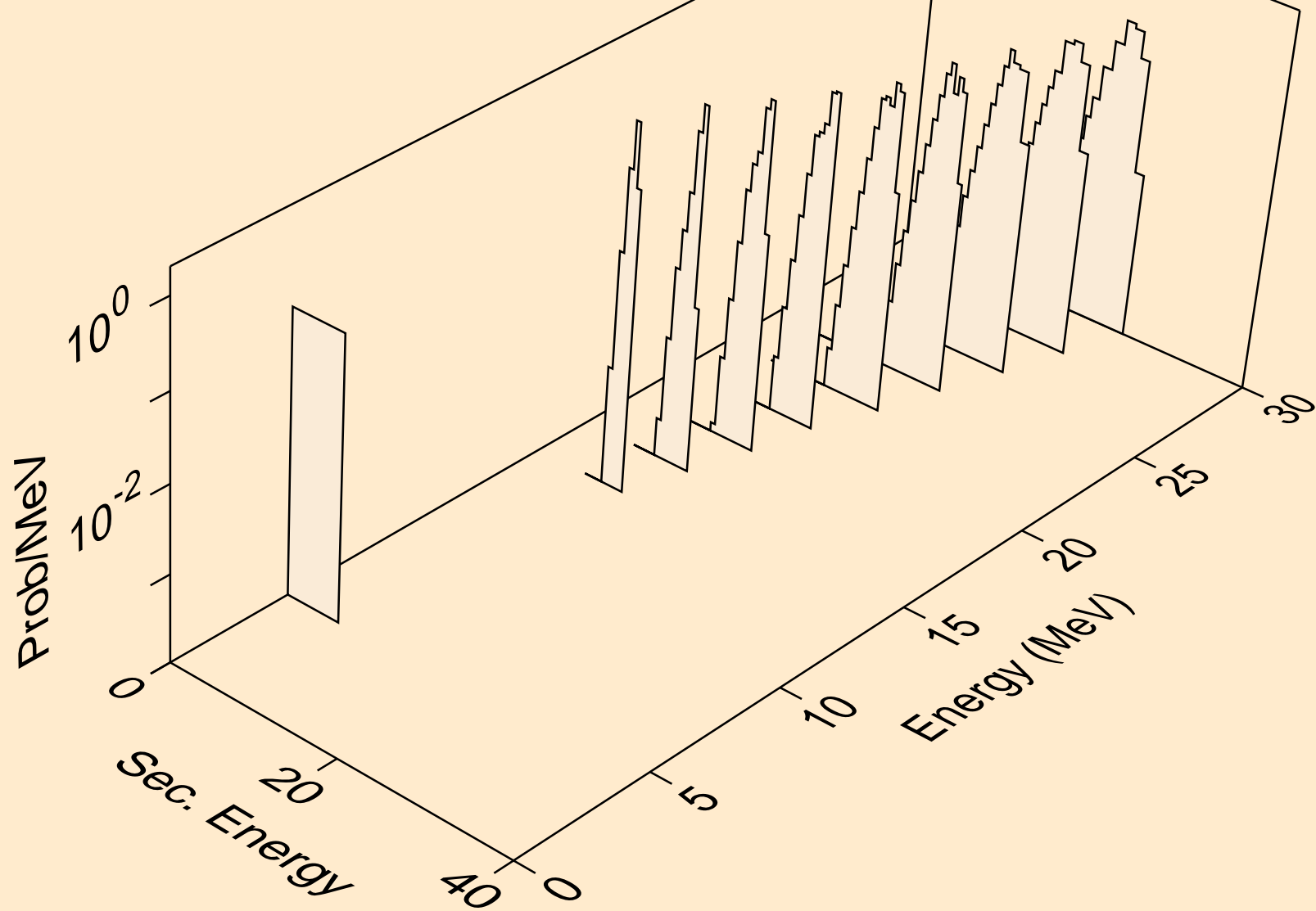
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

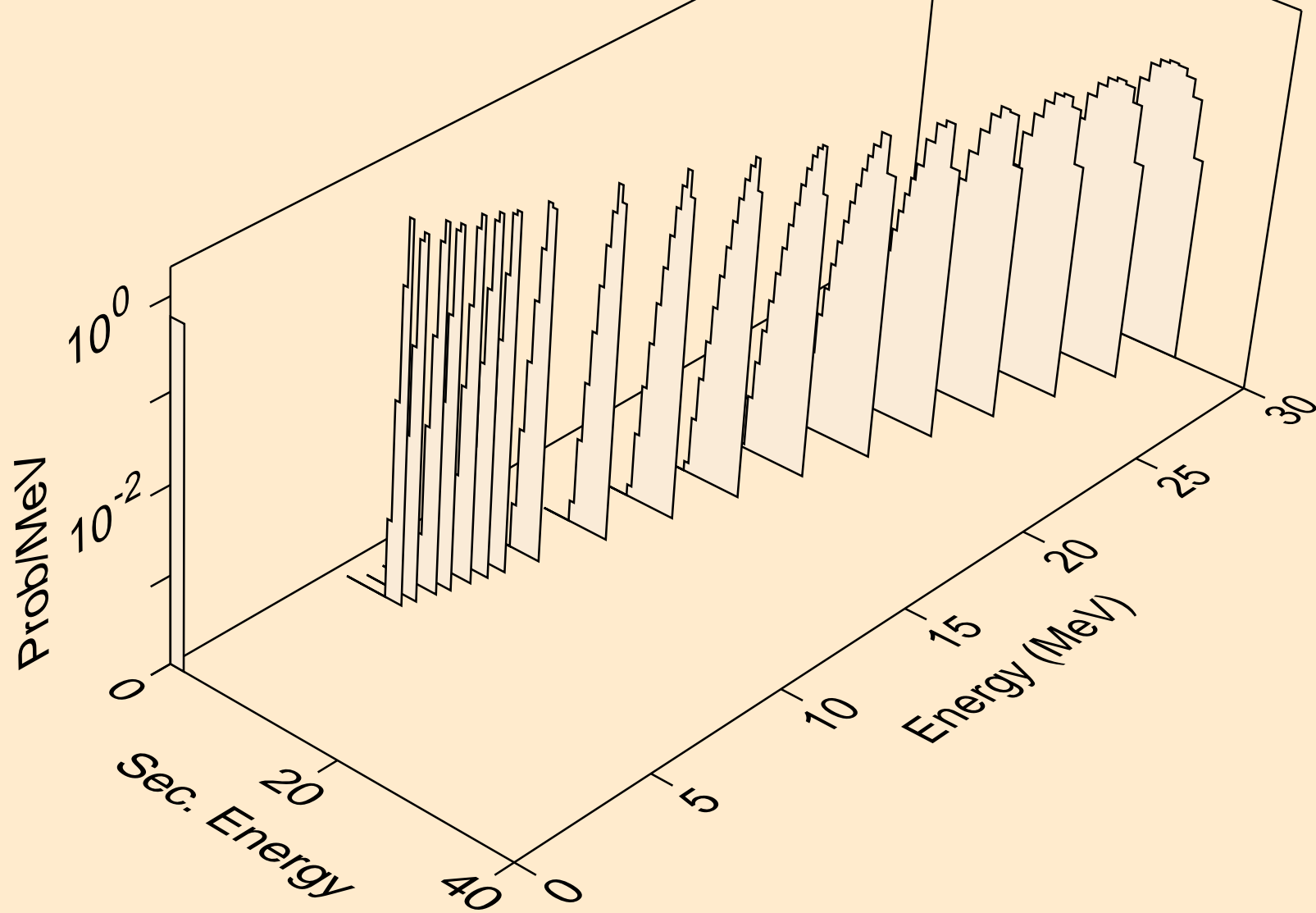


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

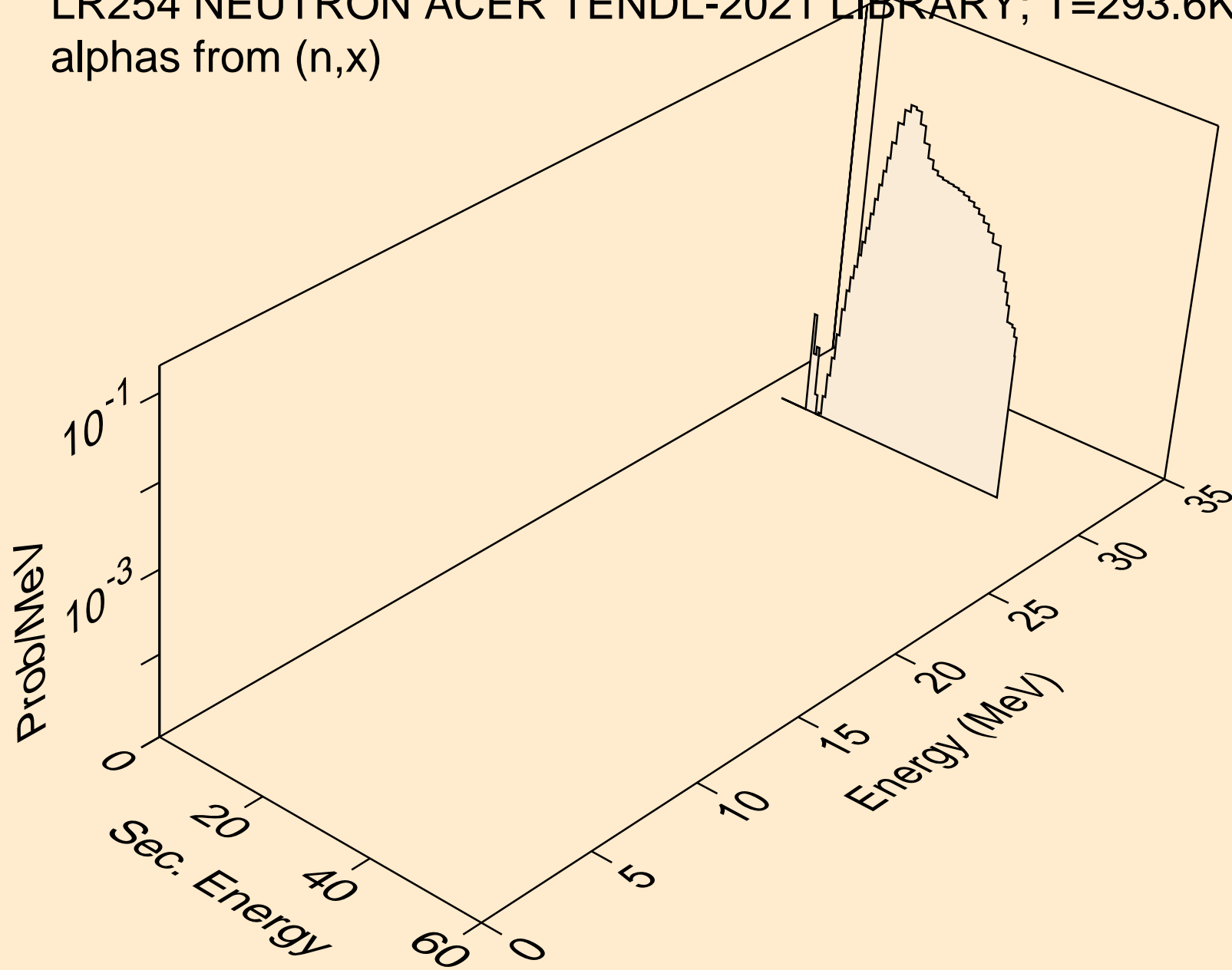




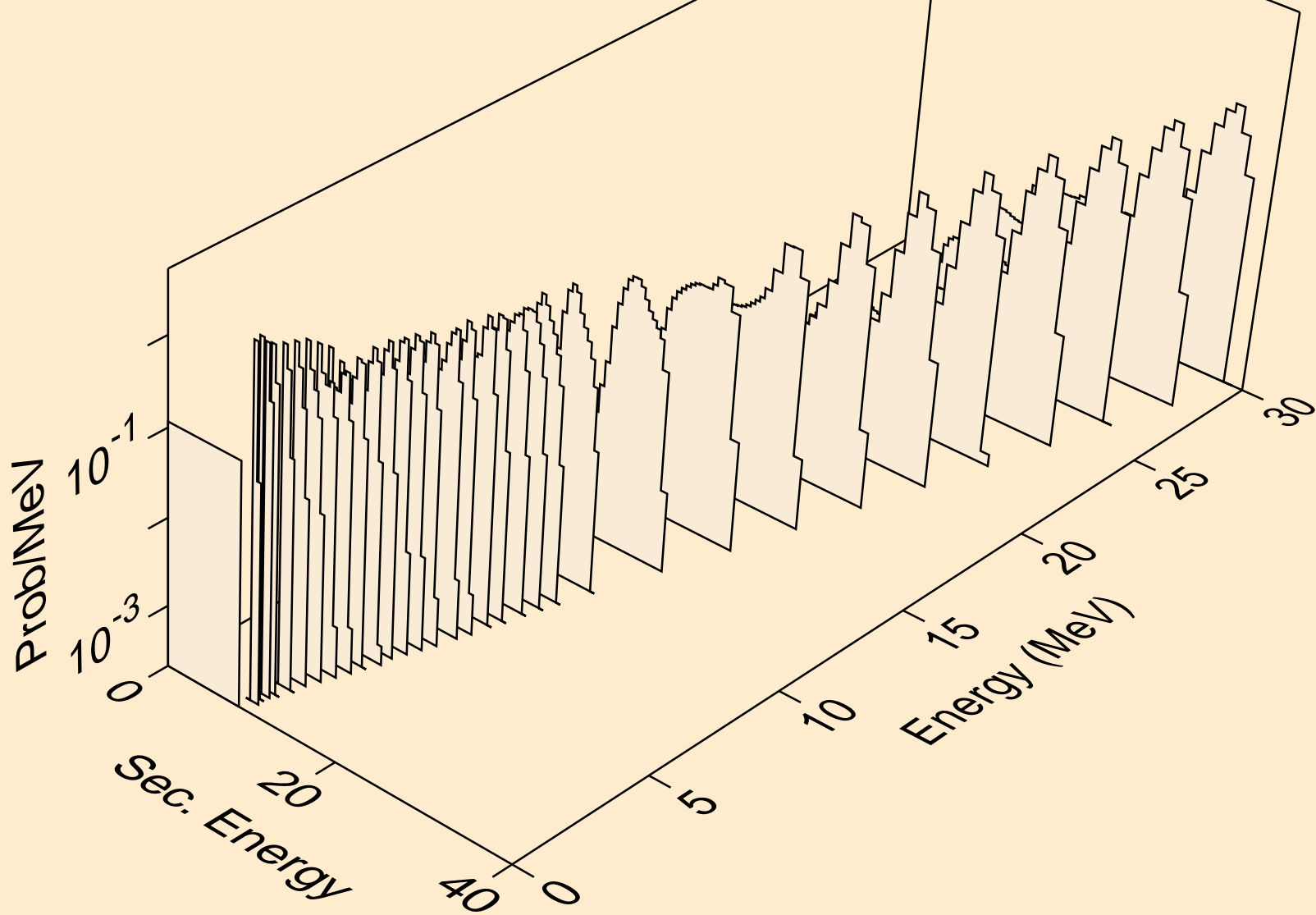
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



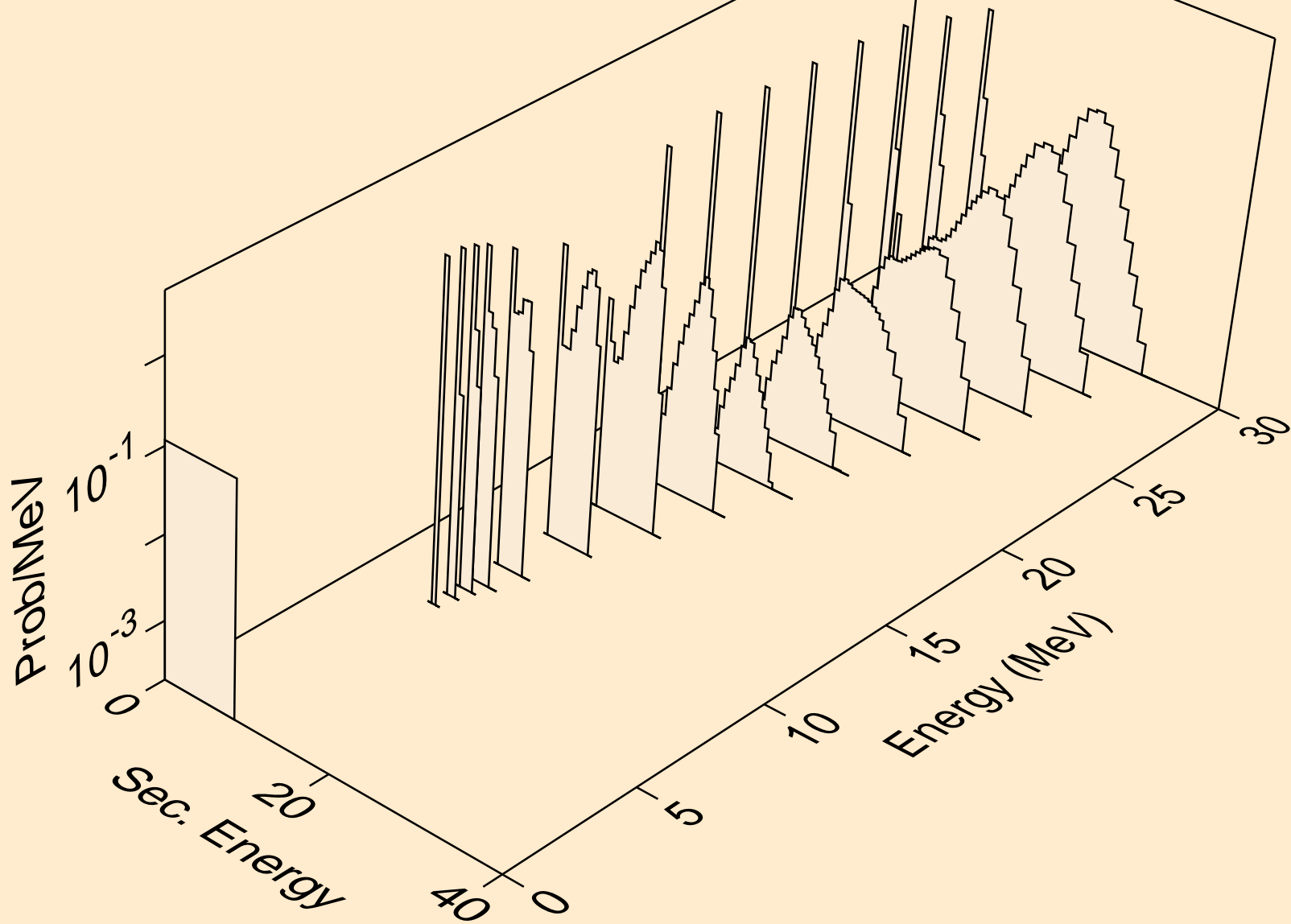
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



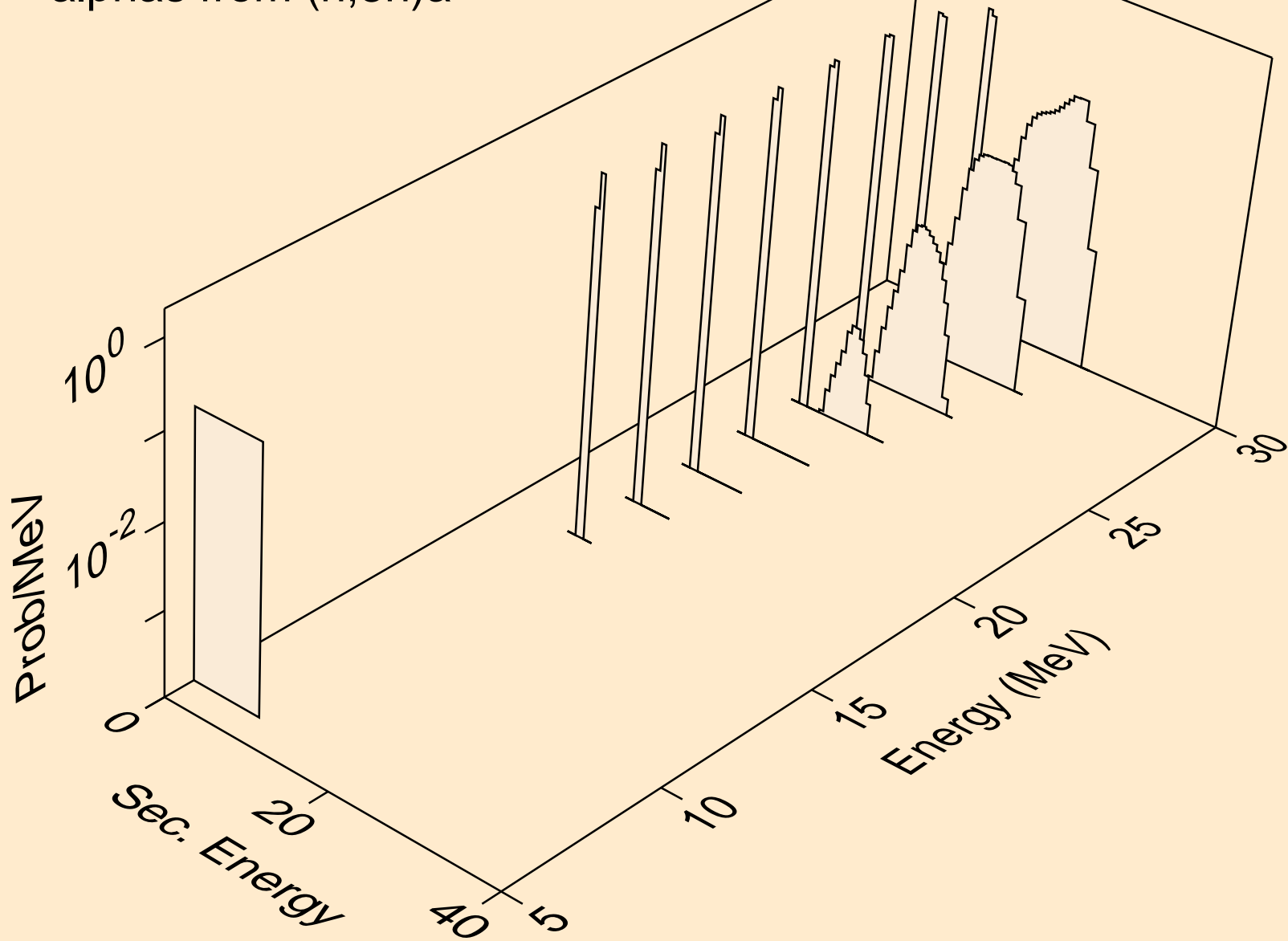
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



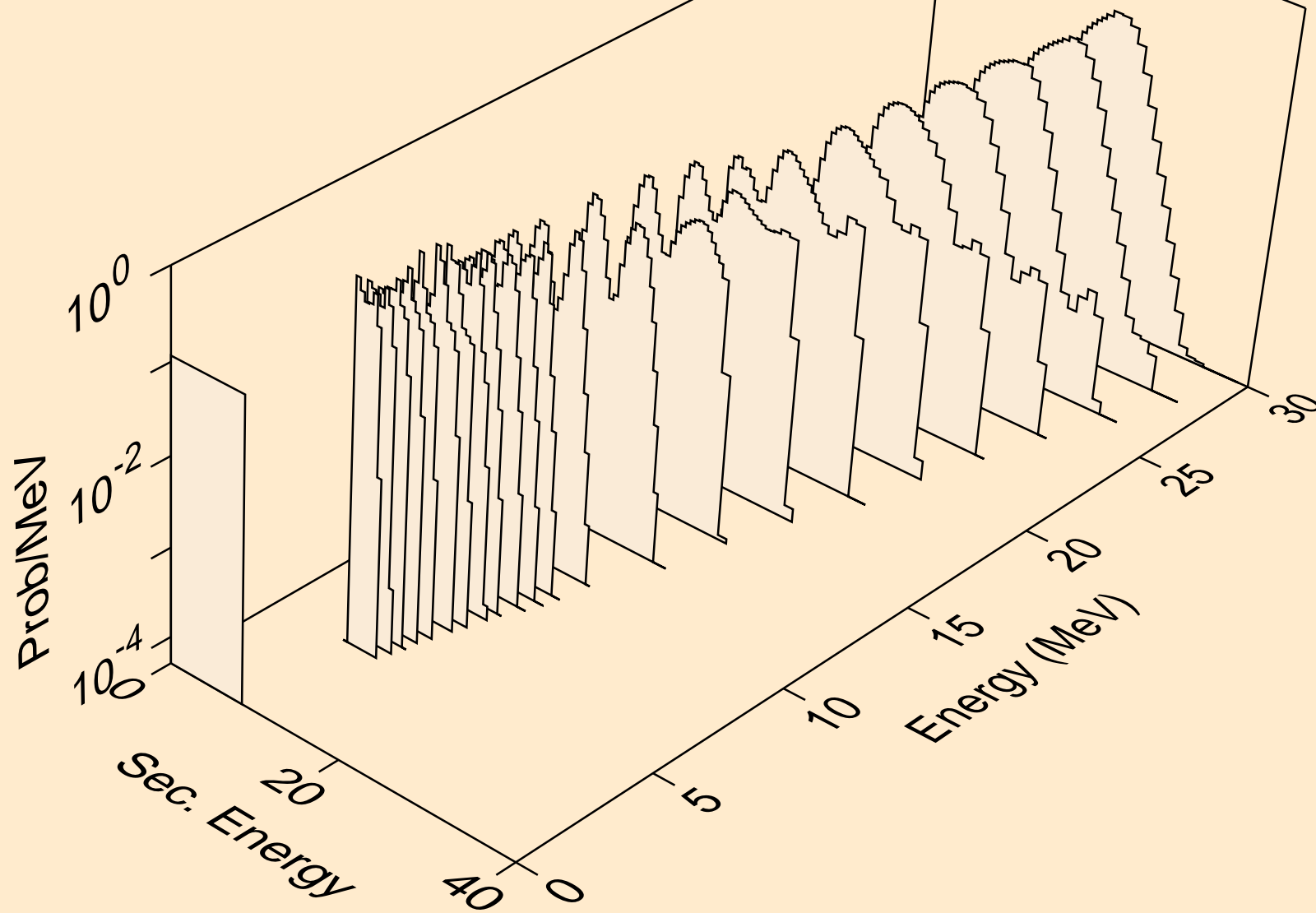
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



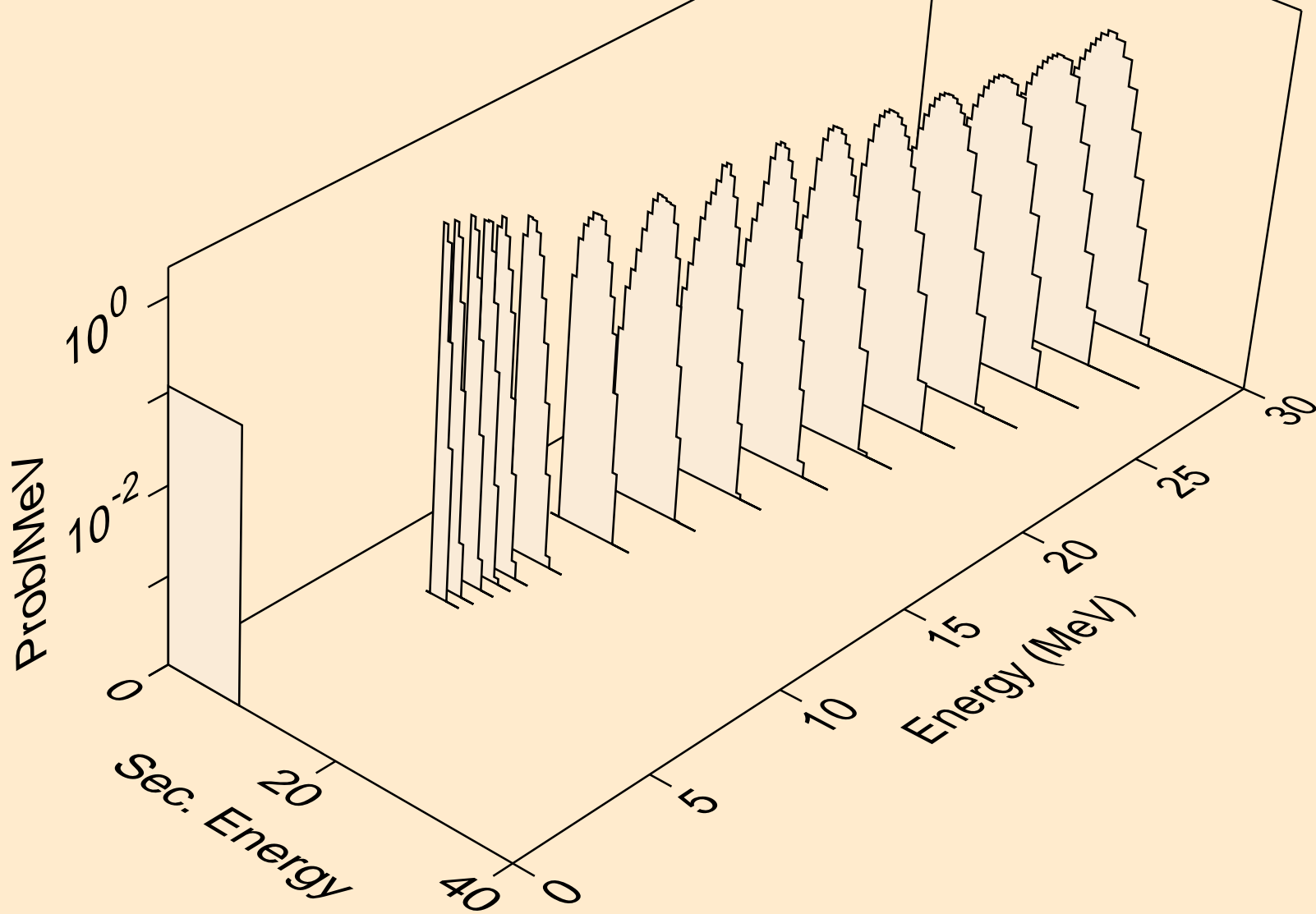
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



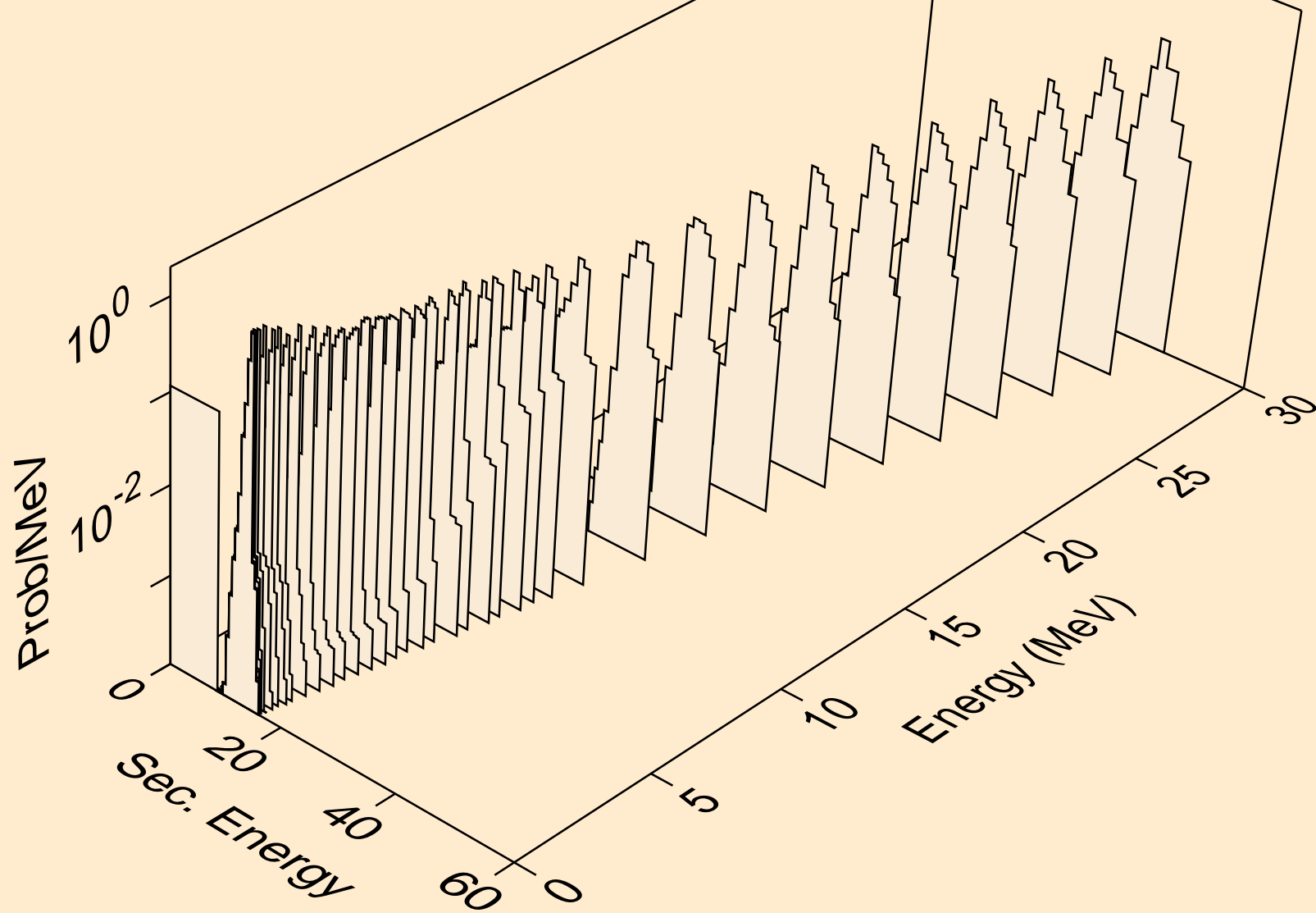
LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

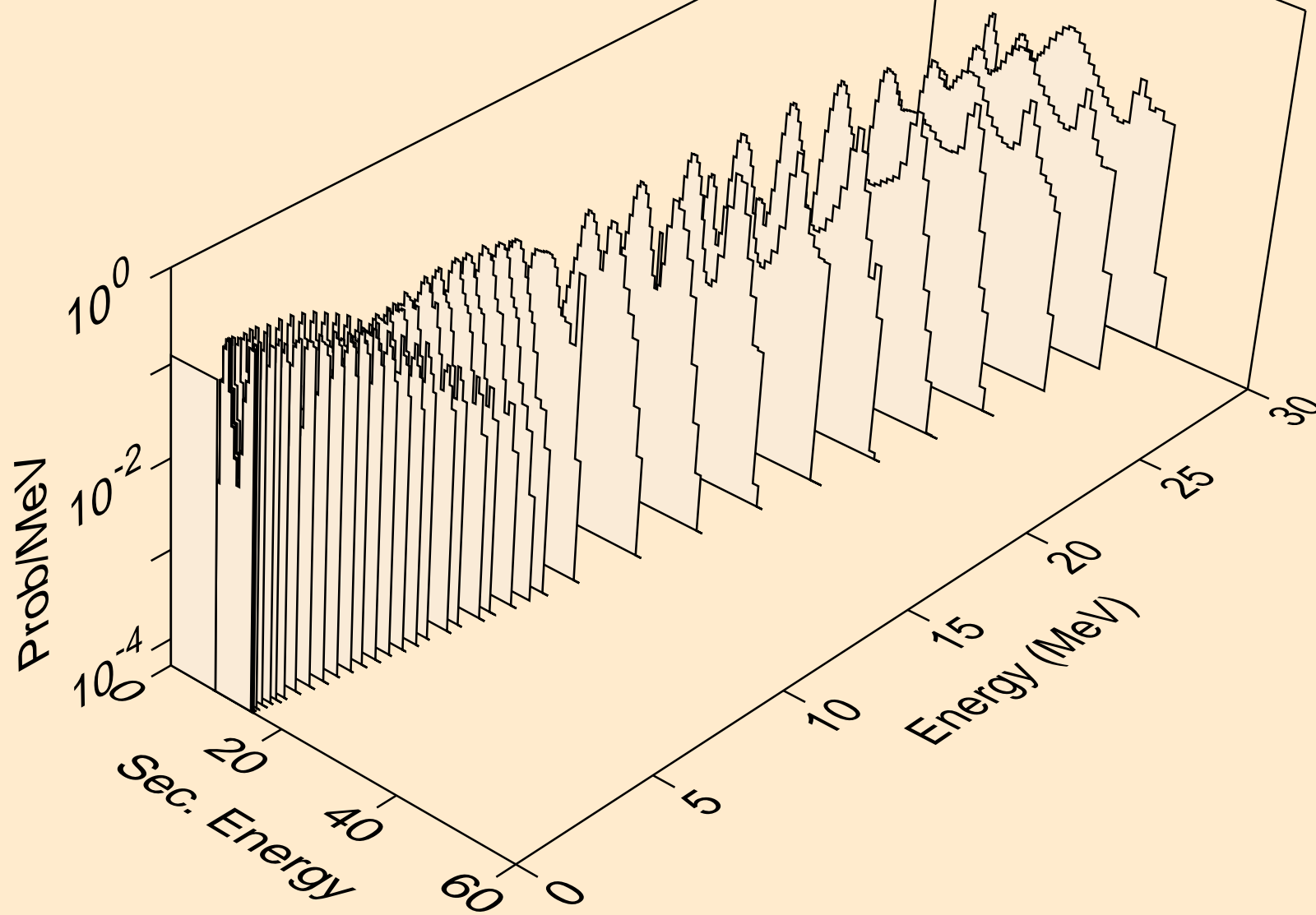


LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

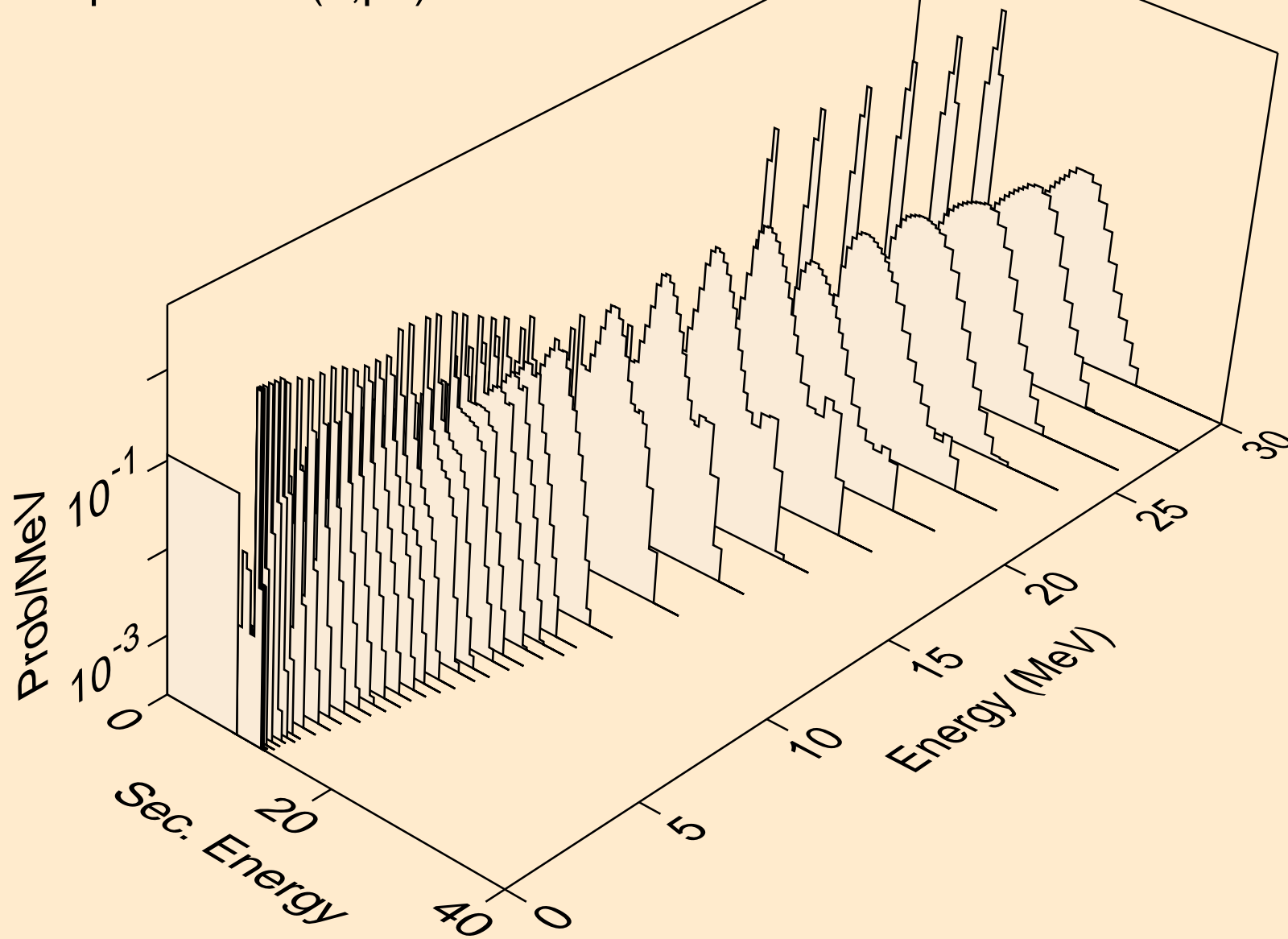




LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,p)



LR254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

