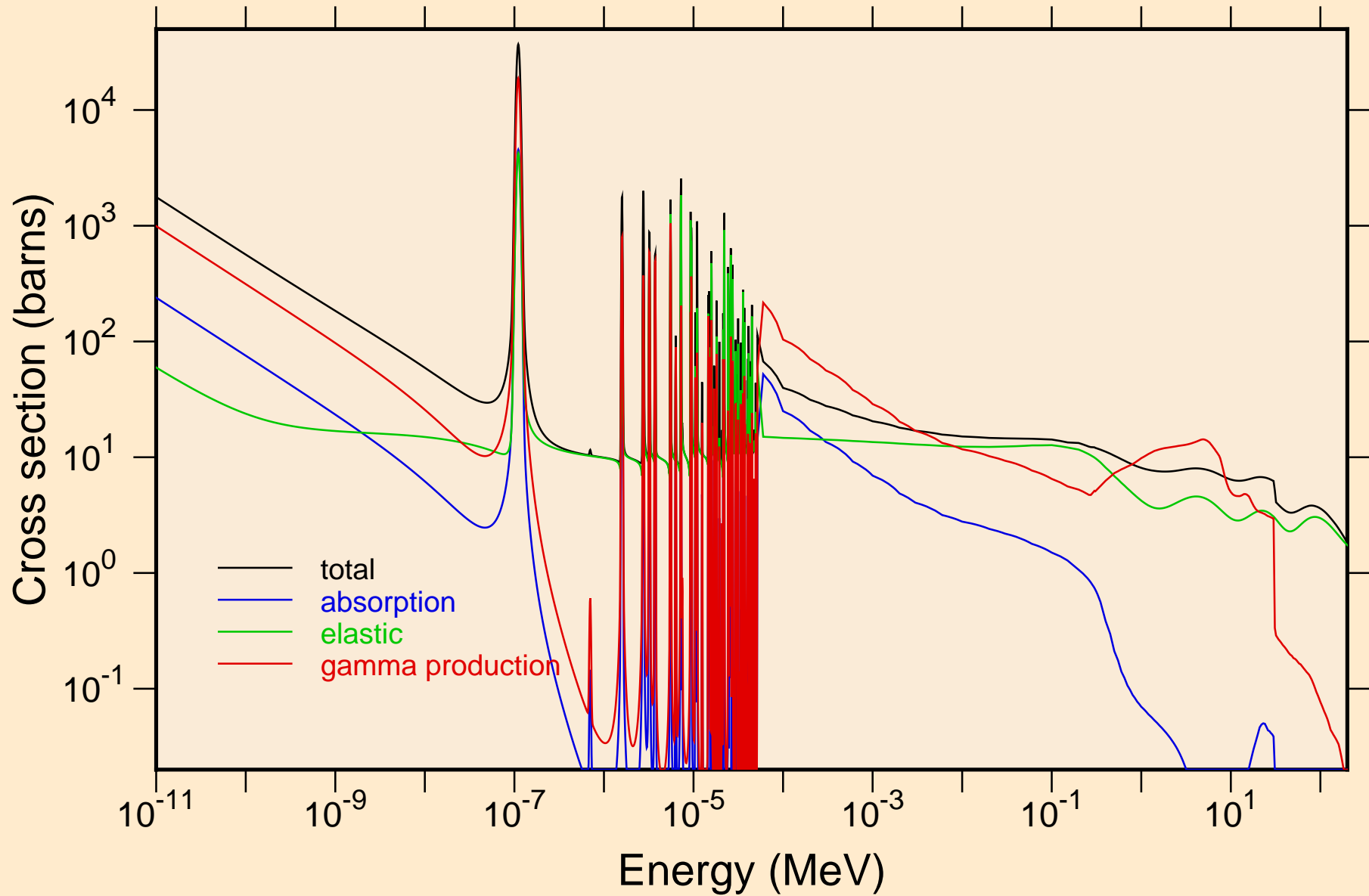
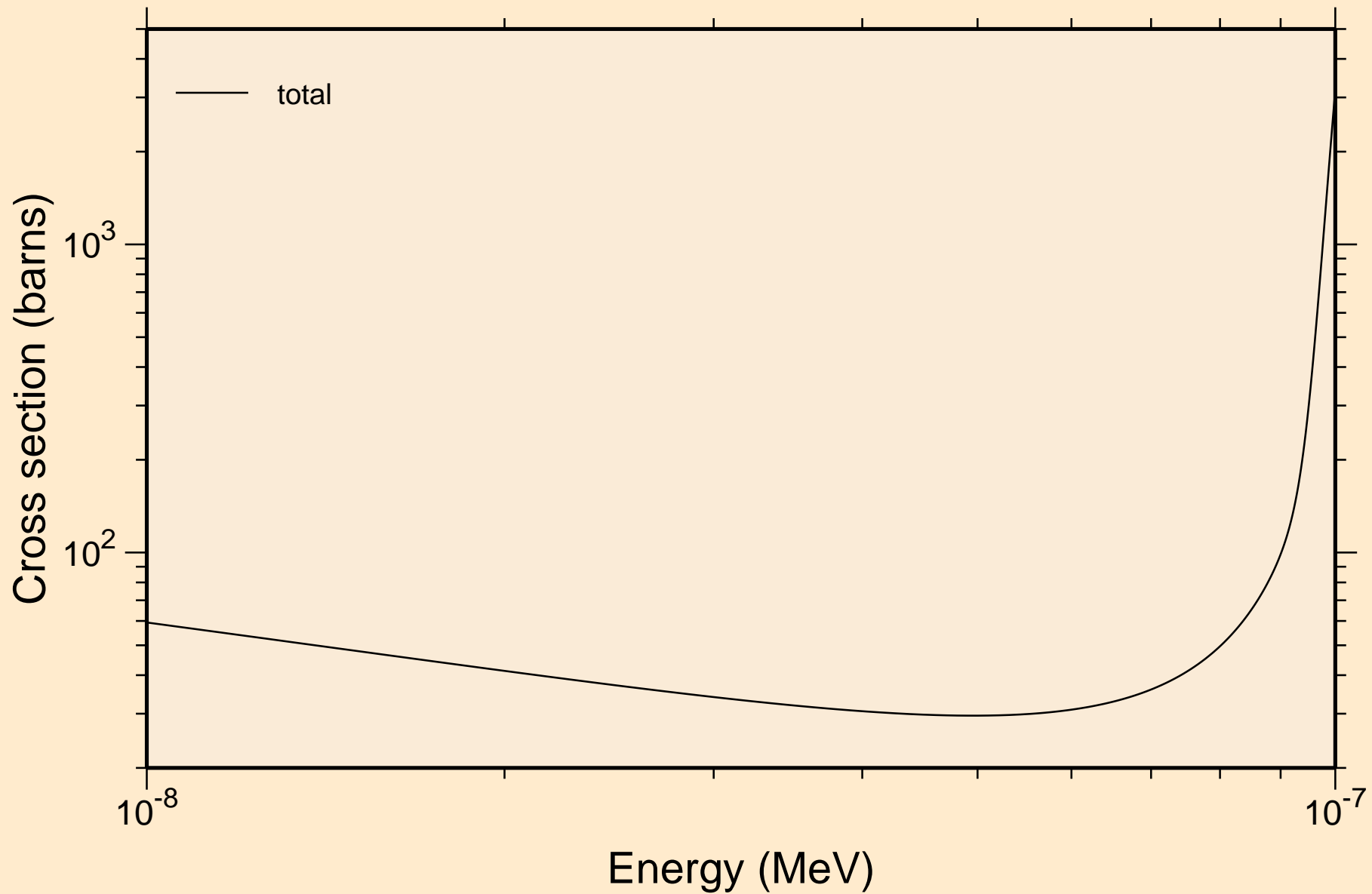


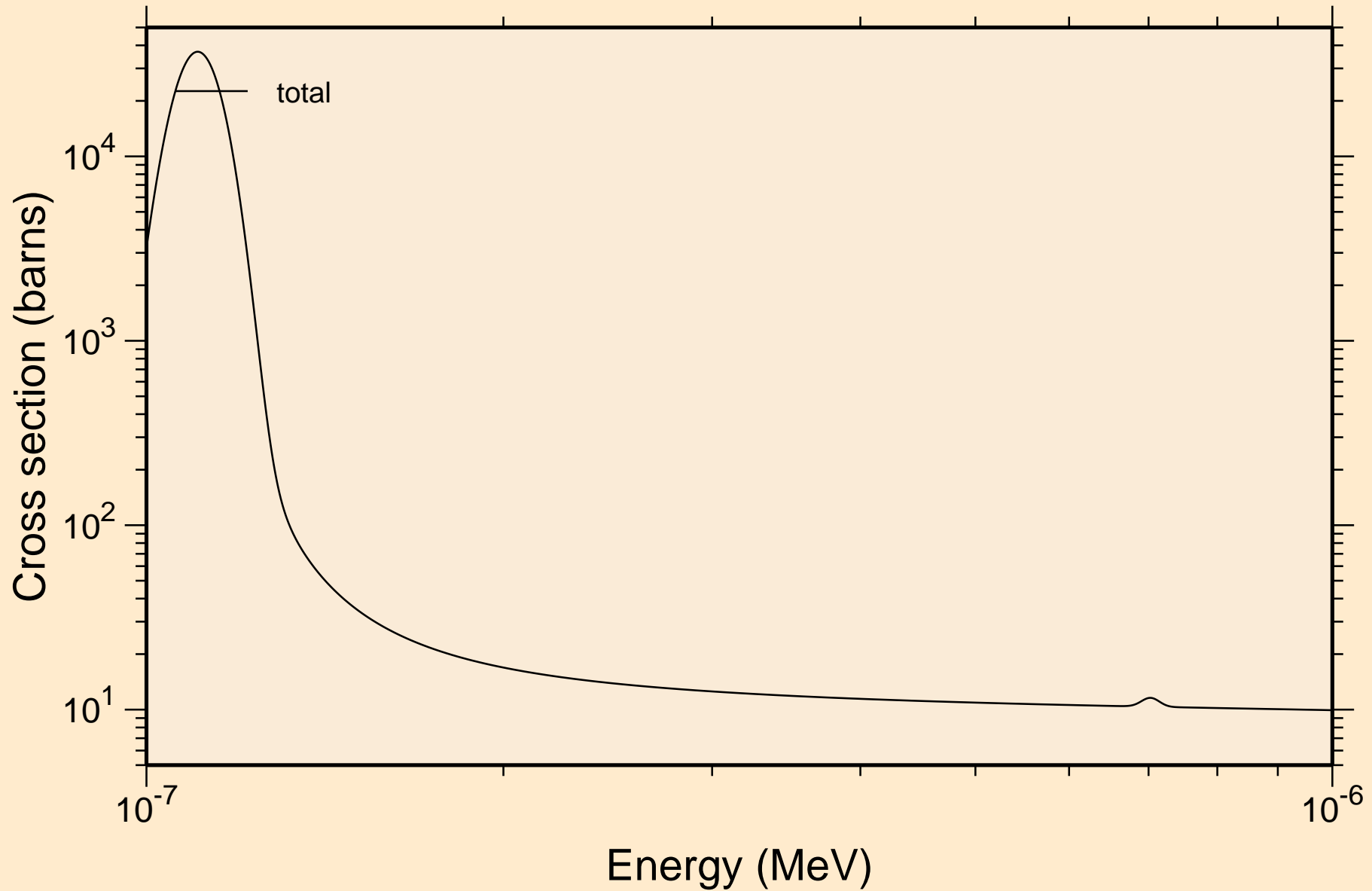
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



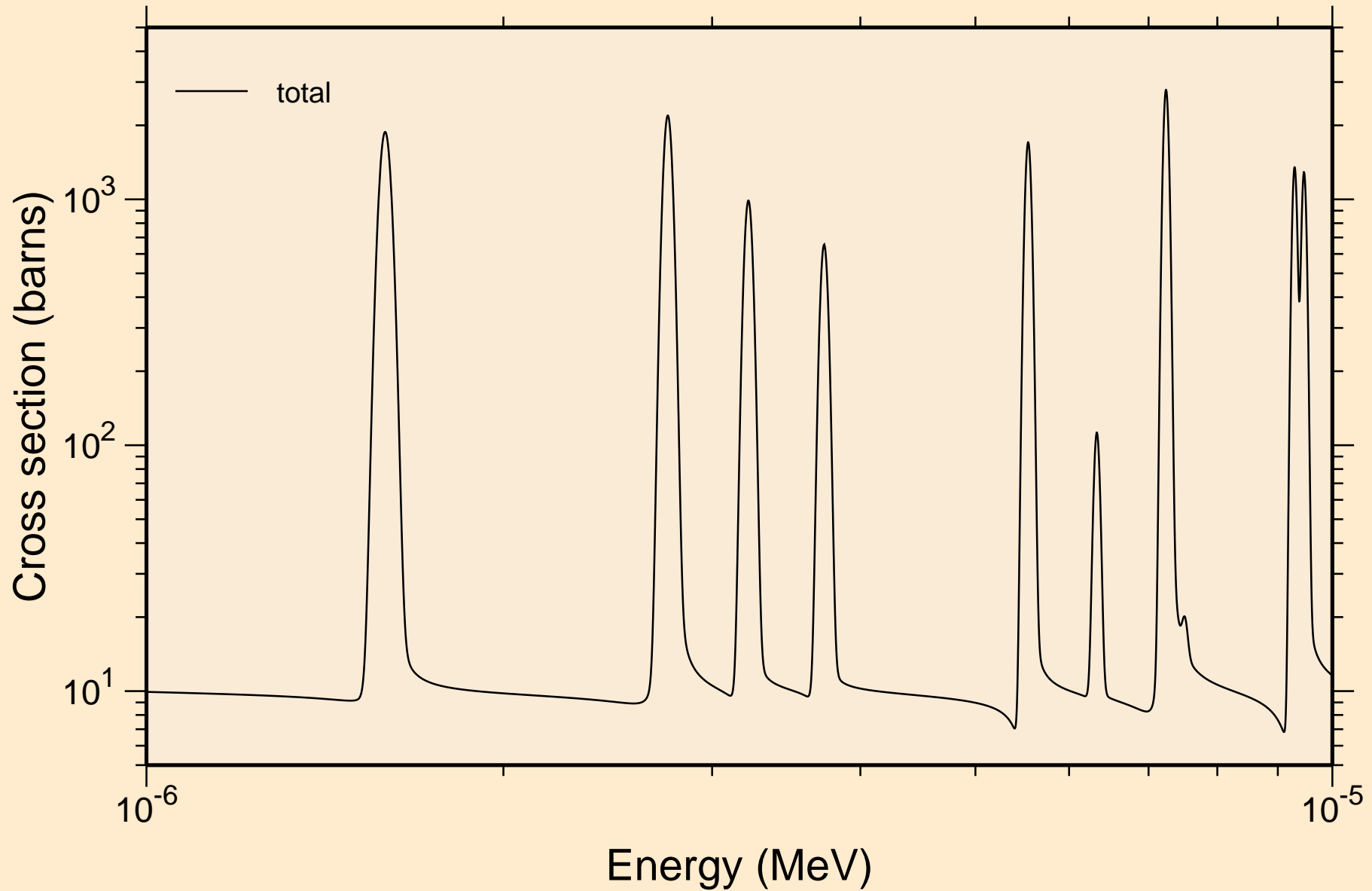
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



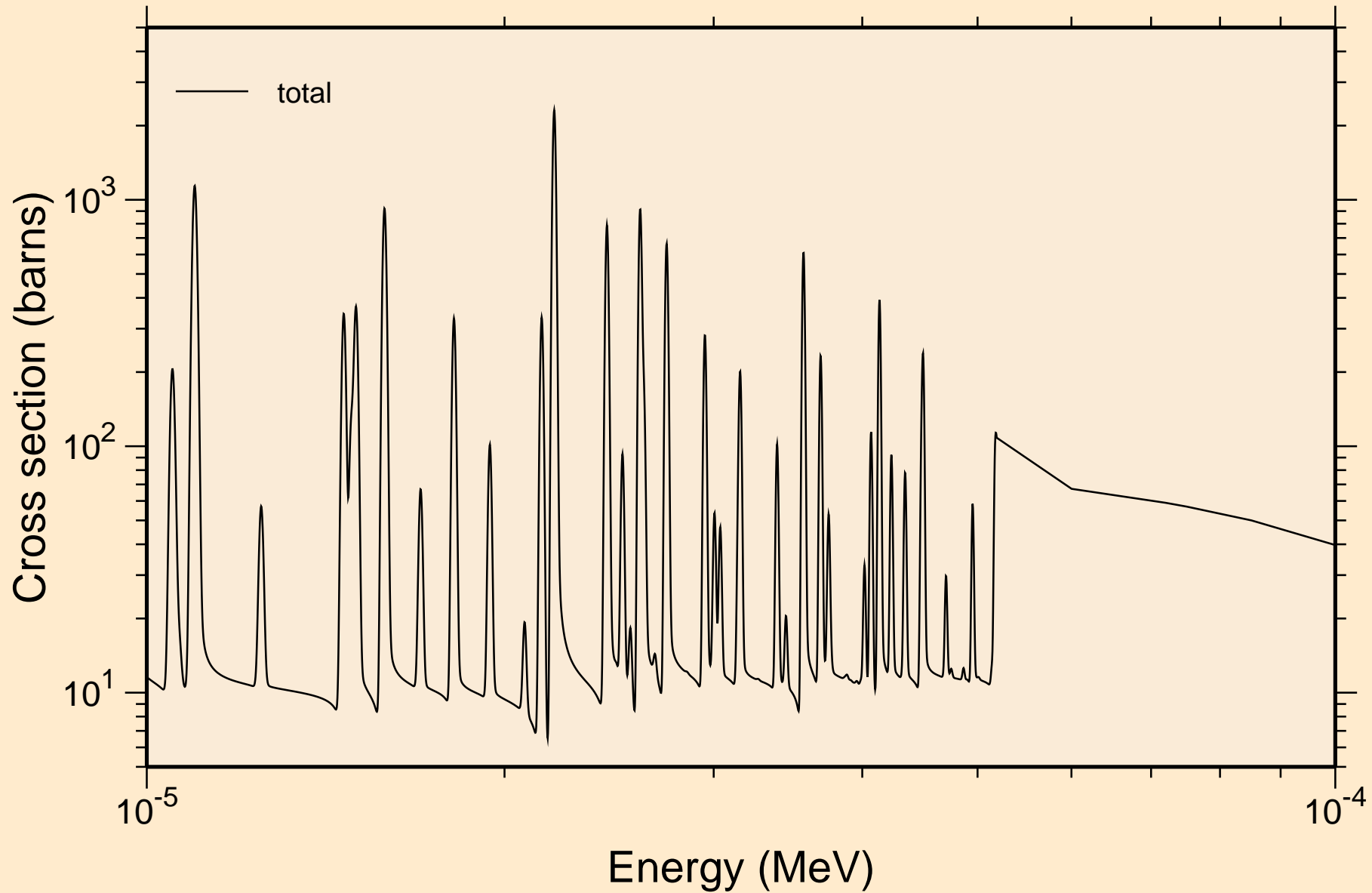
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



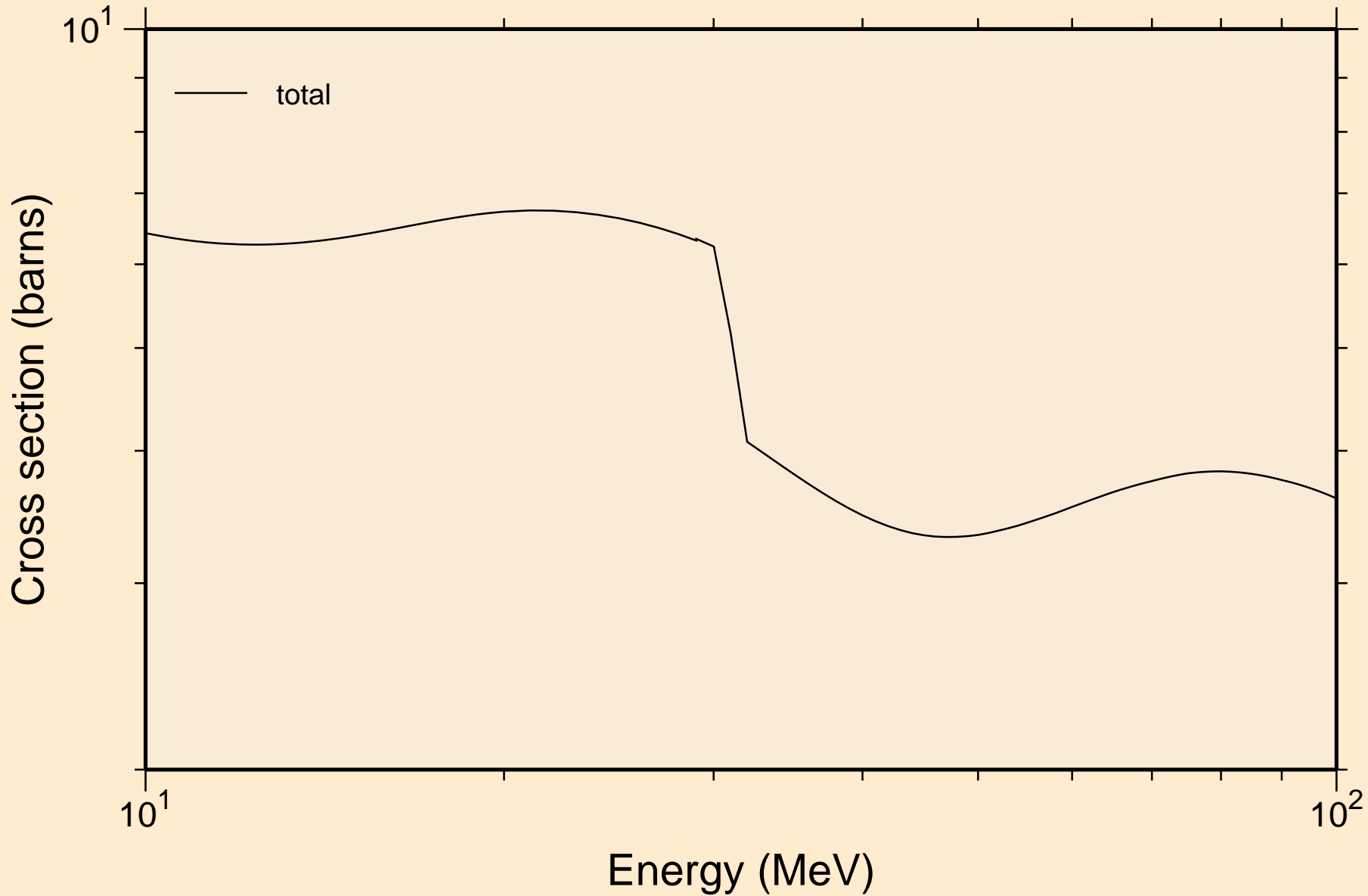
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



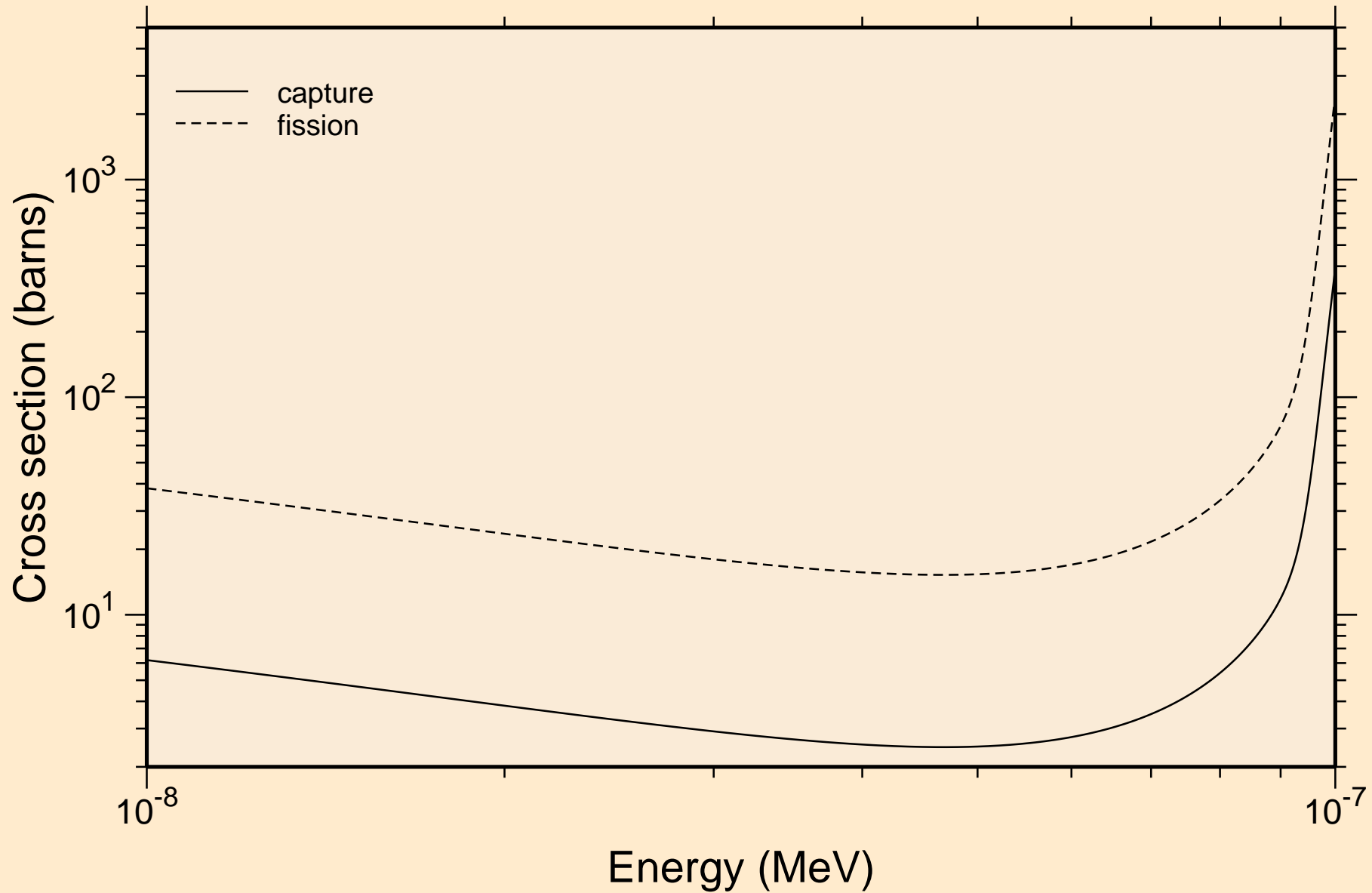
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resonance total cross section



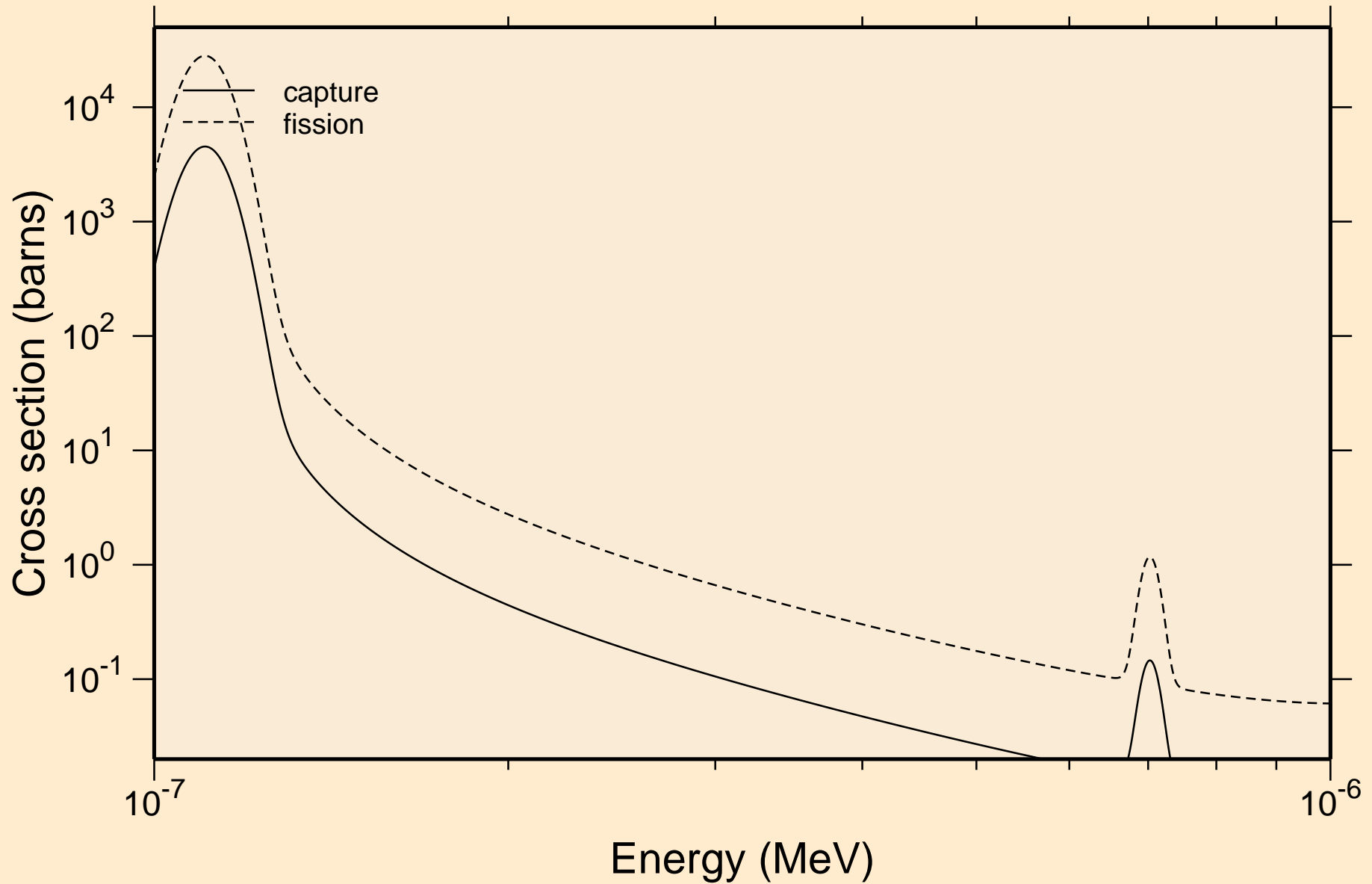
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

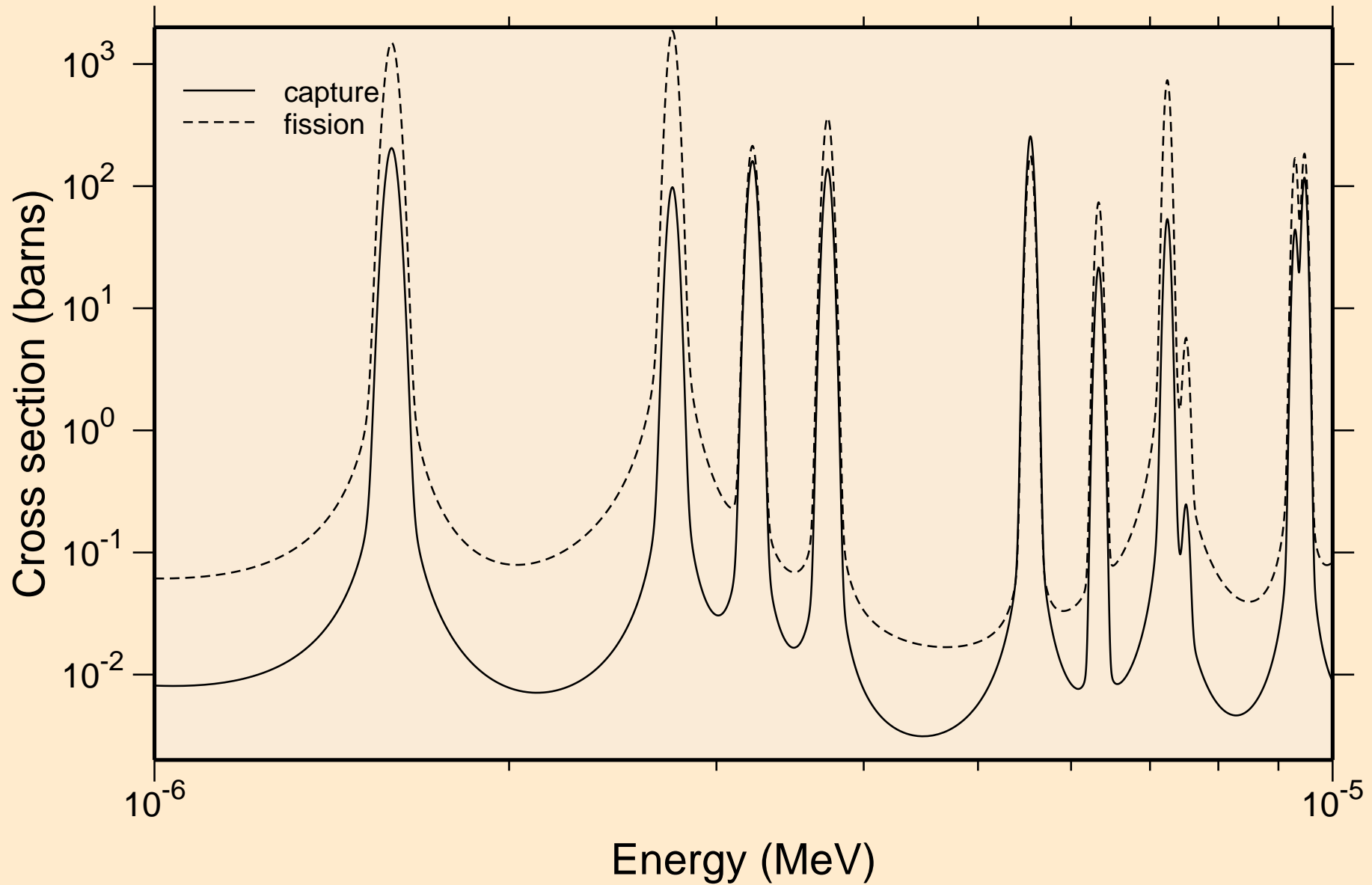


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resonance absorption cross sections

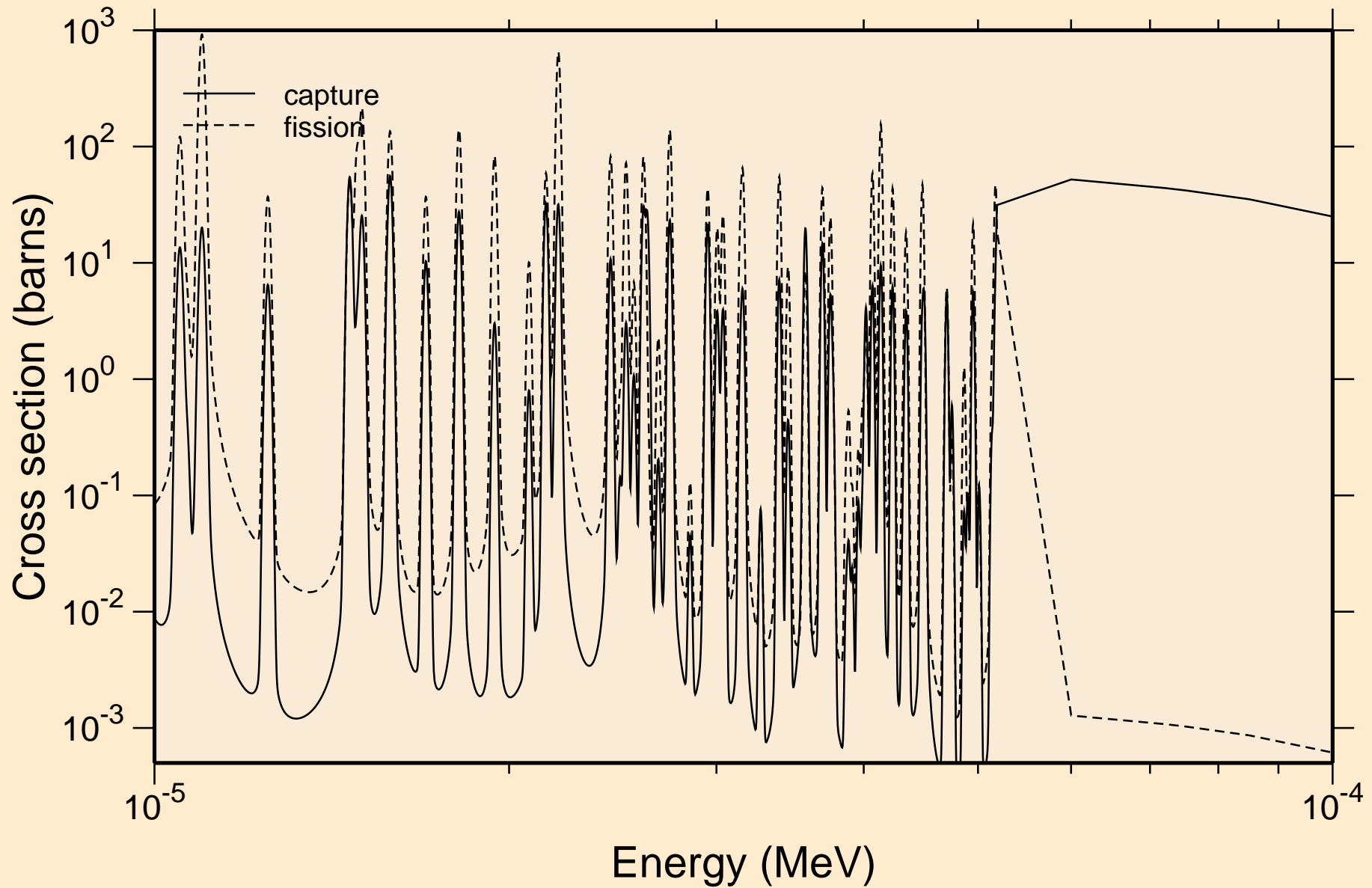




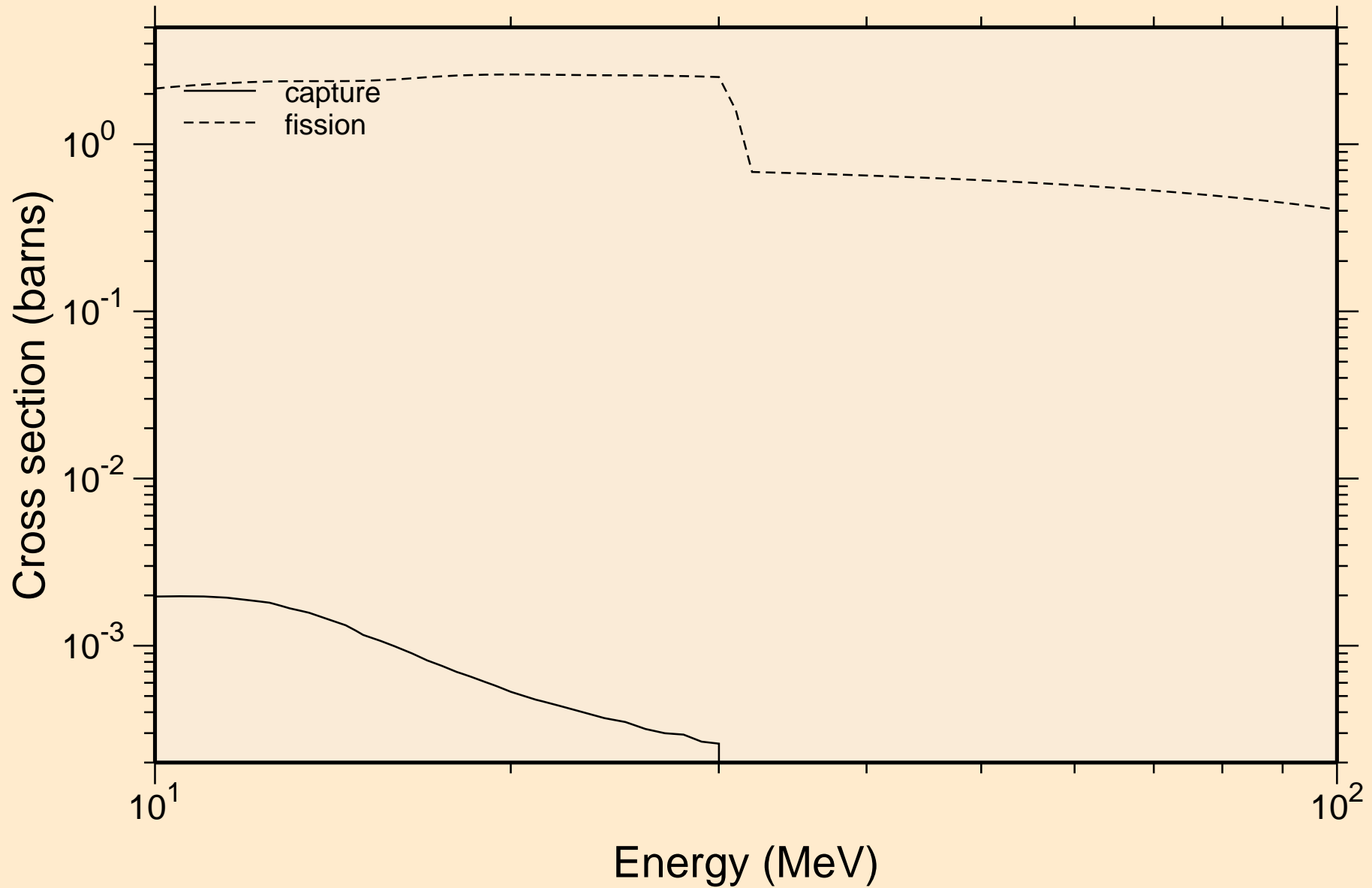
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resonance absorption cross sections



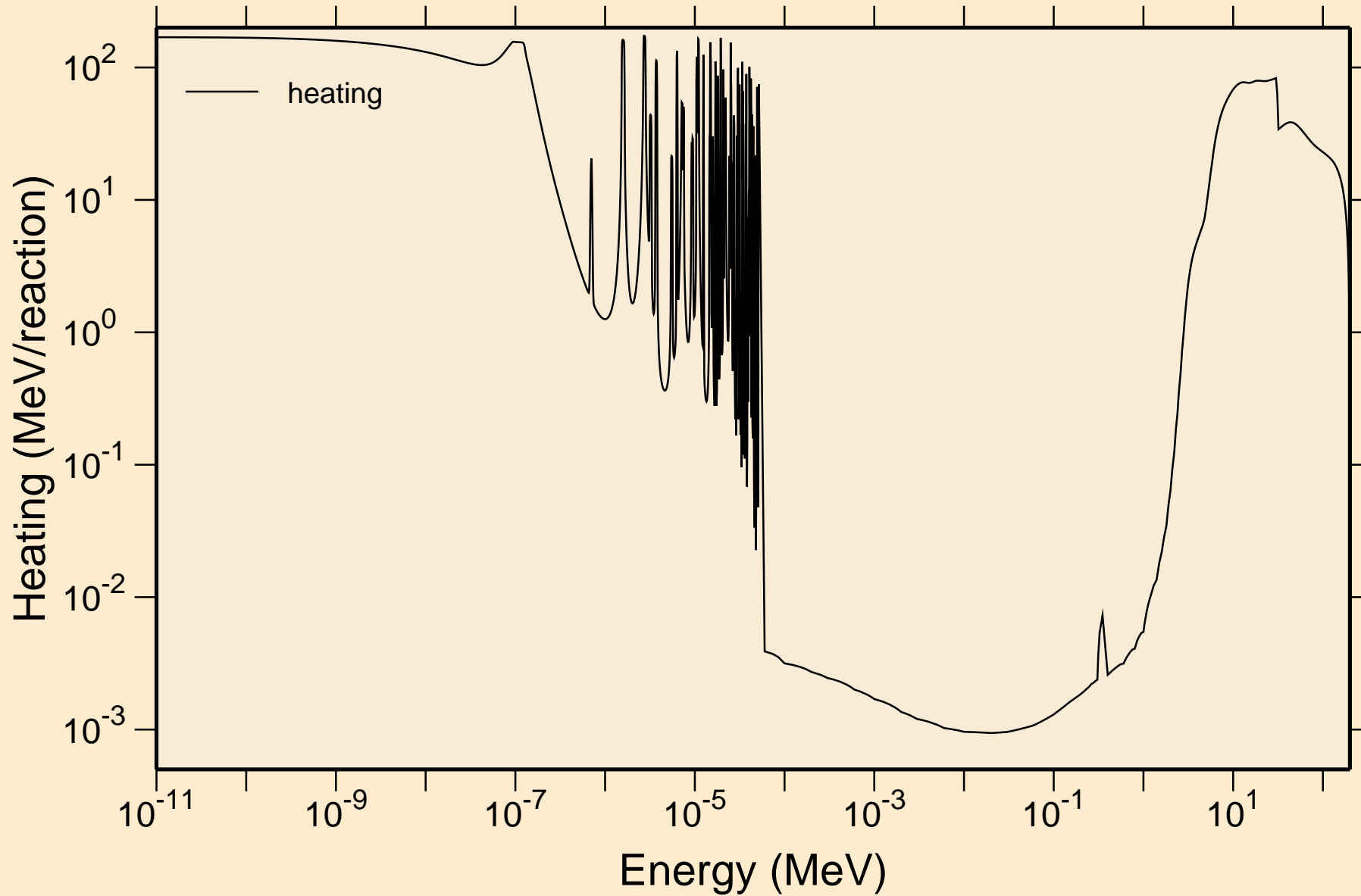
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resonance absorption cross sections



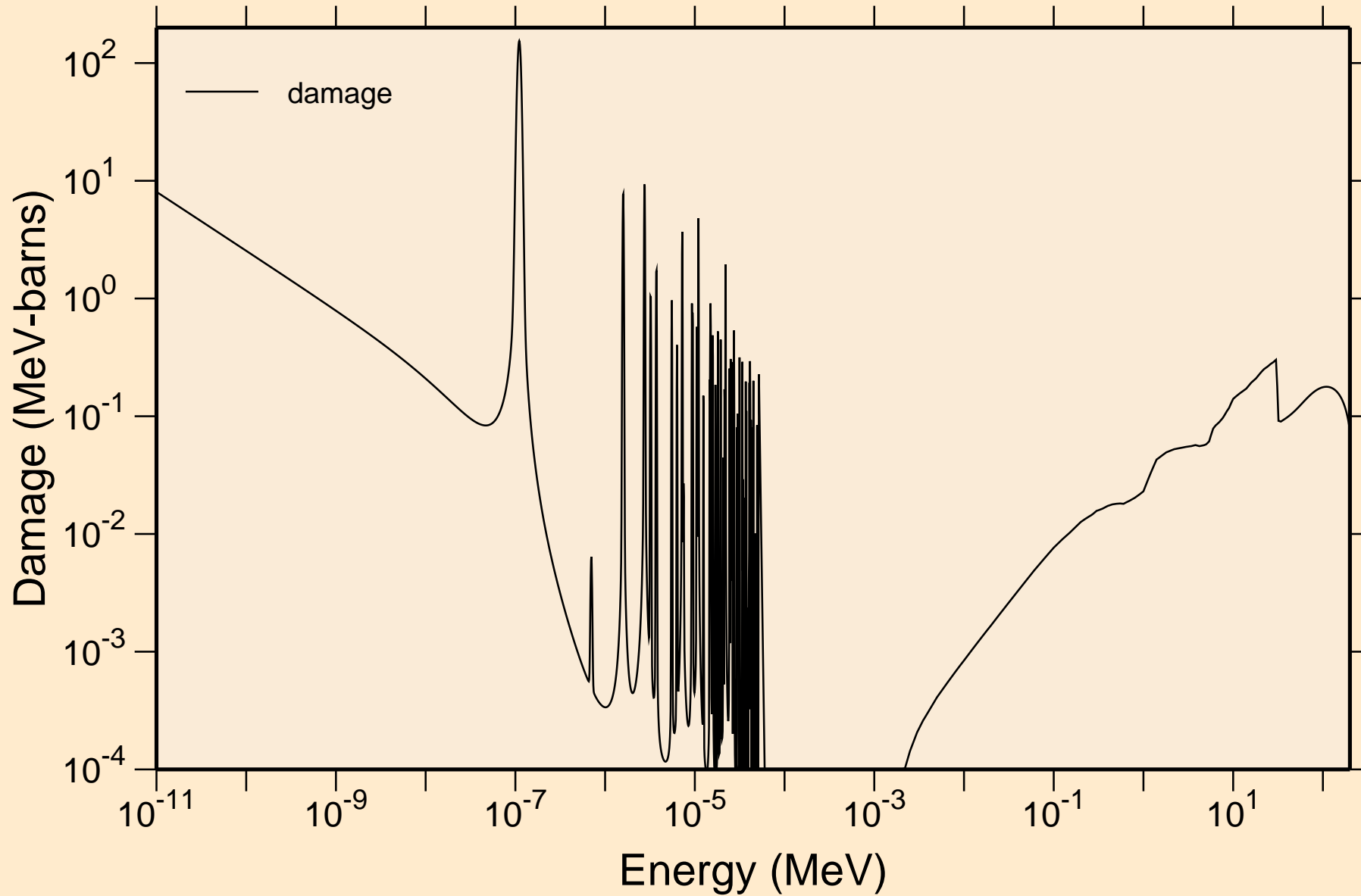
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resonance absorption cross sections



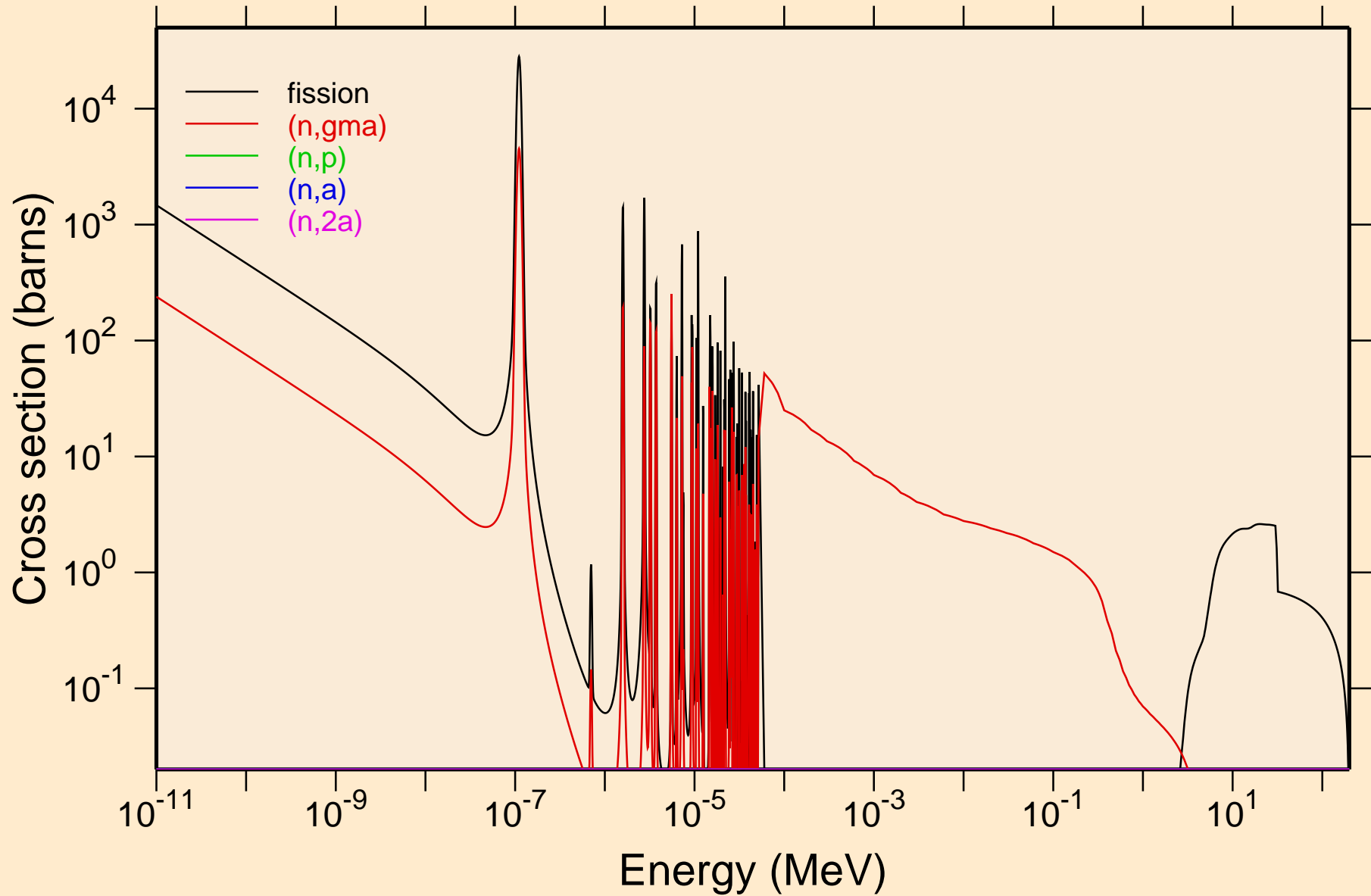
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



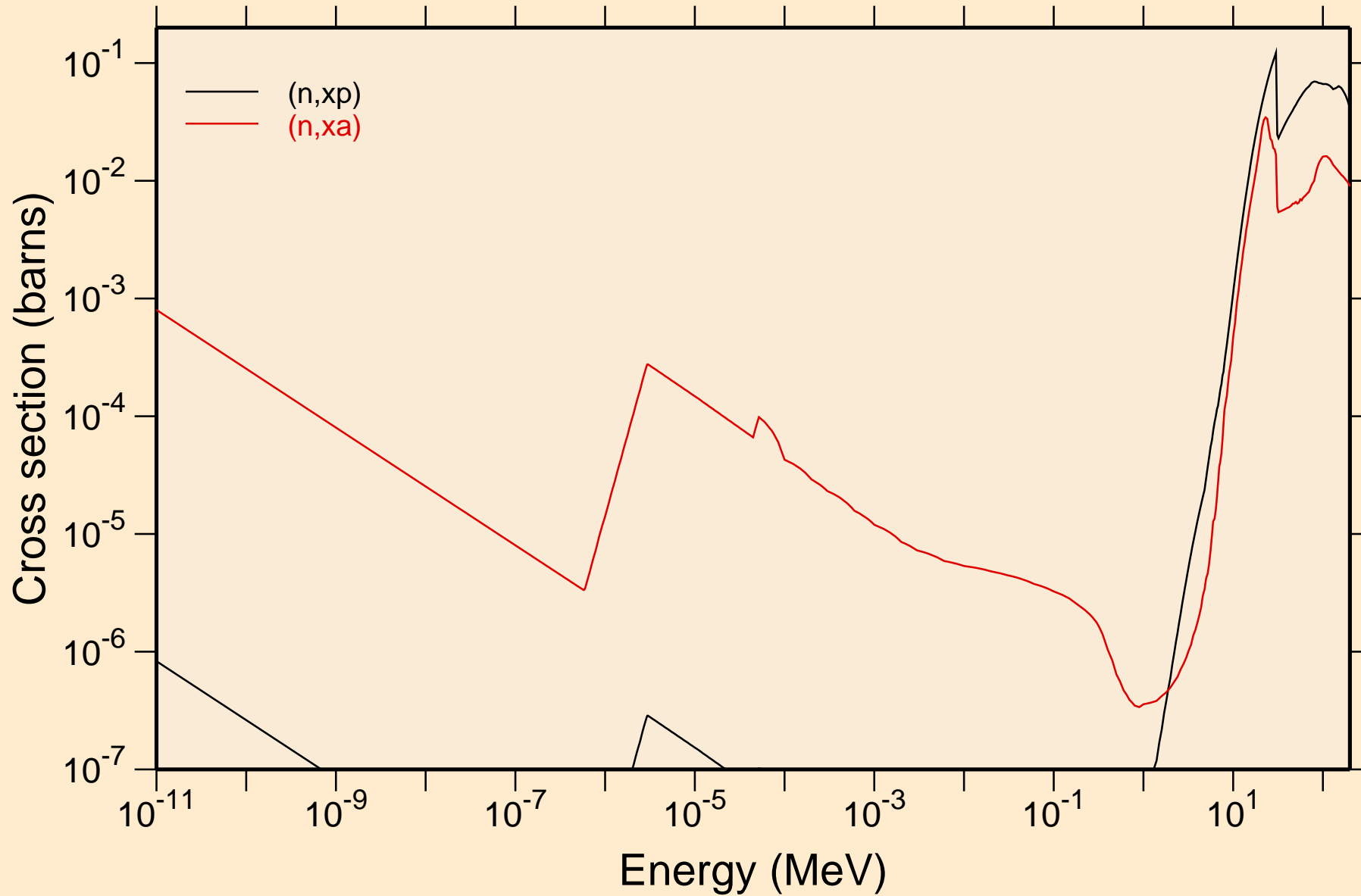
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Damage



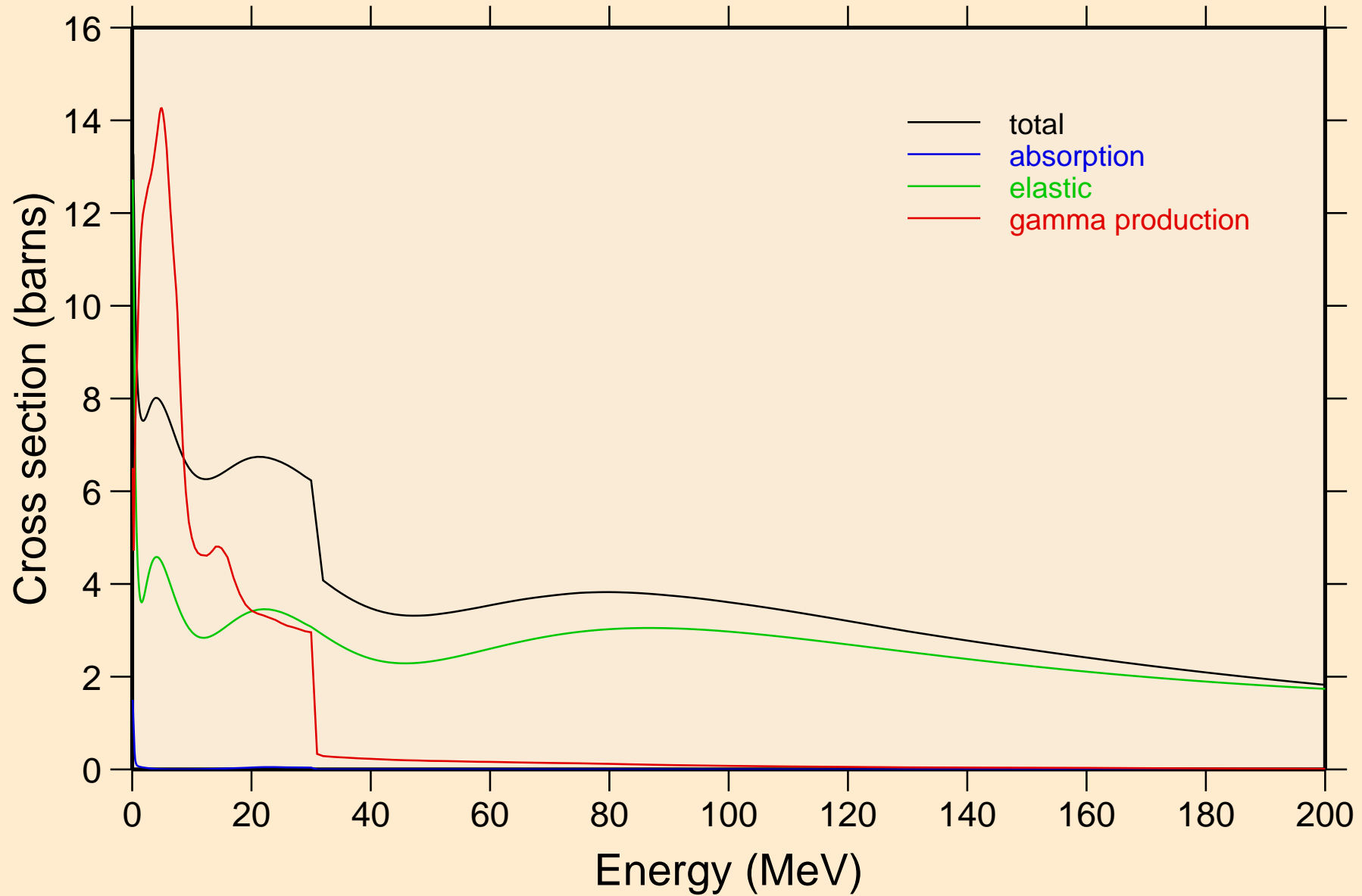
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

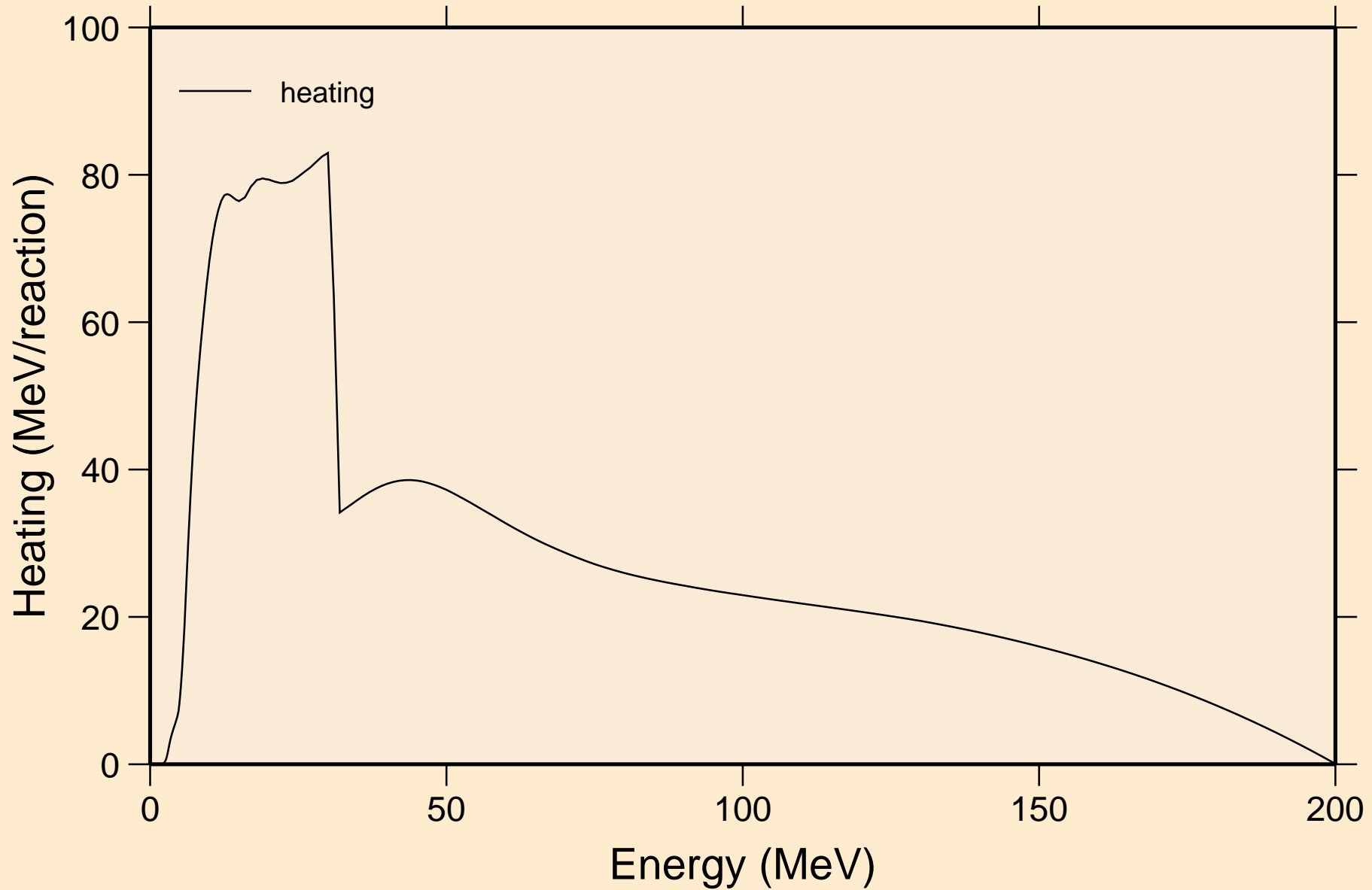


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

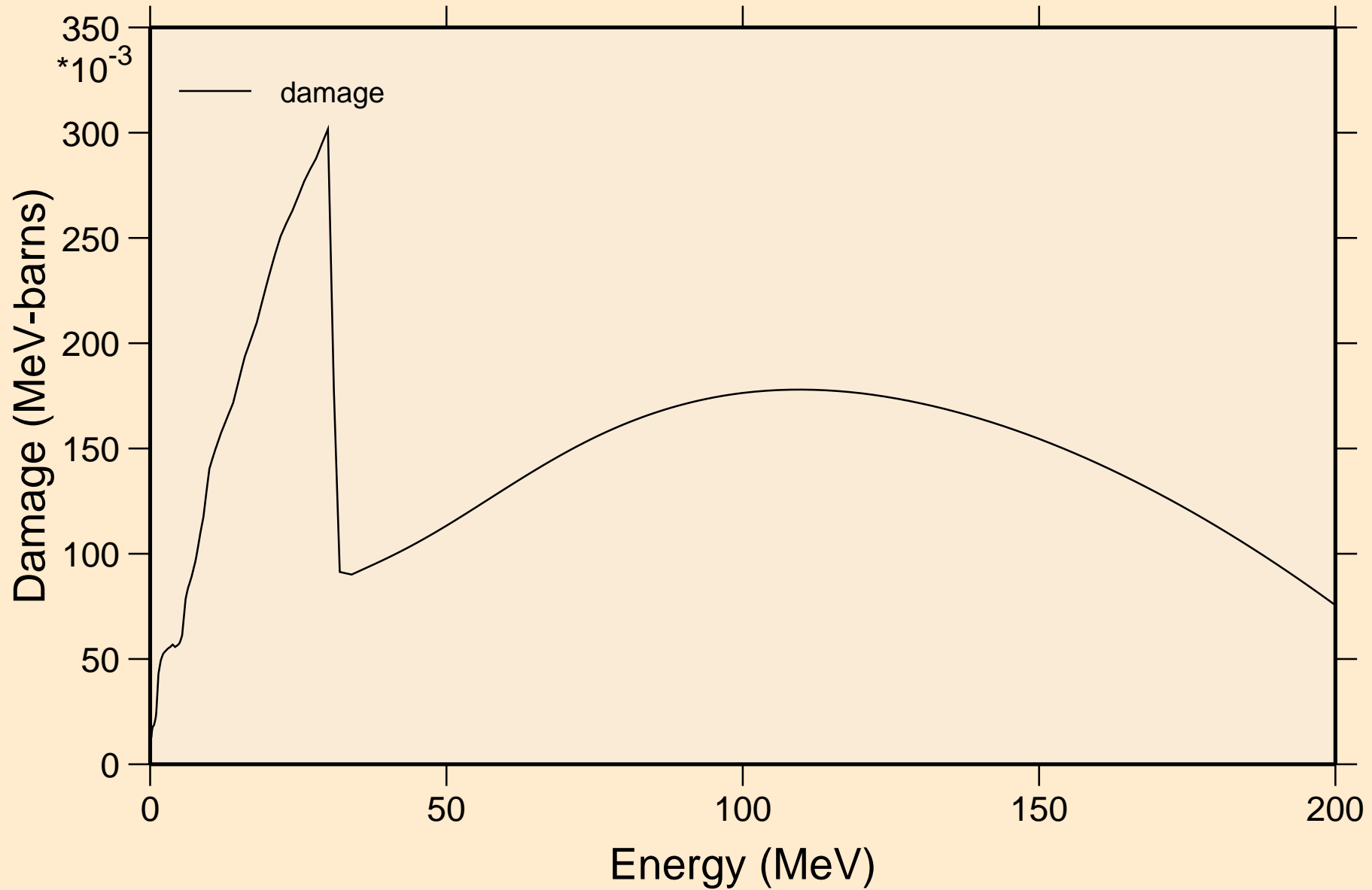




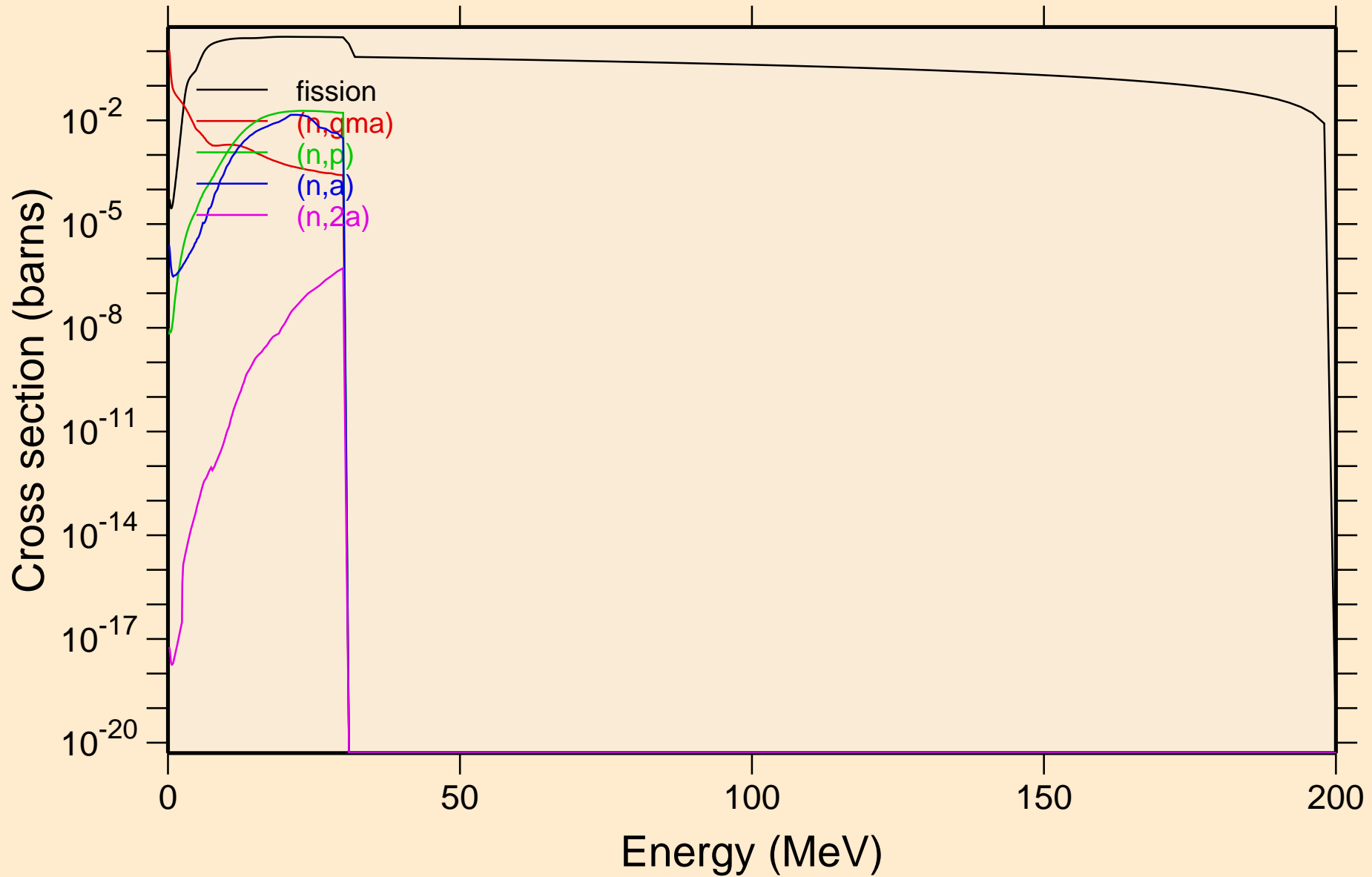
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Heating



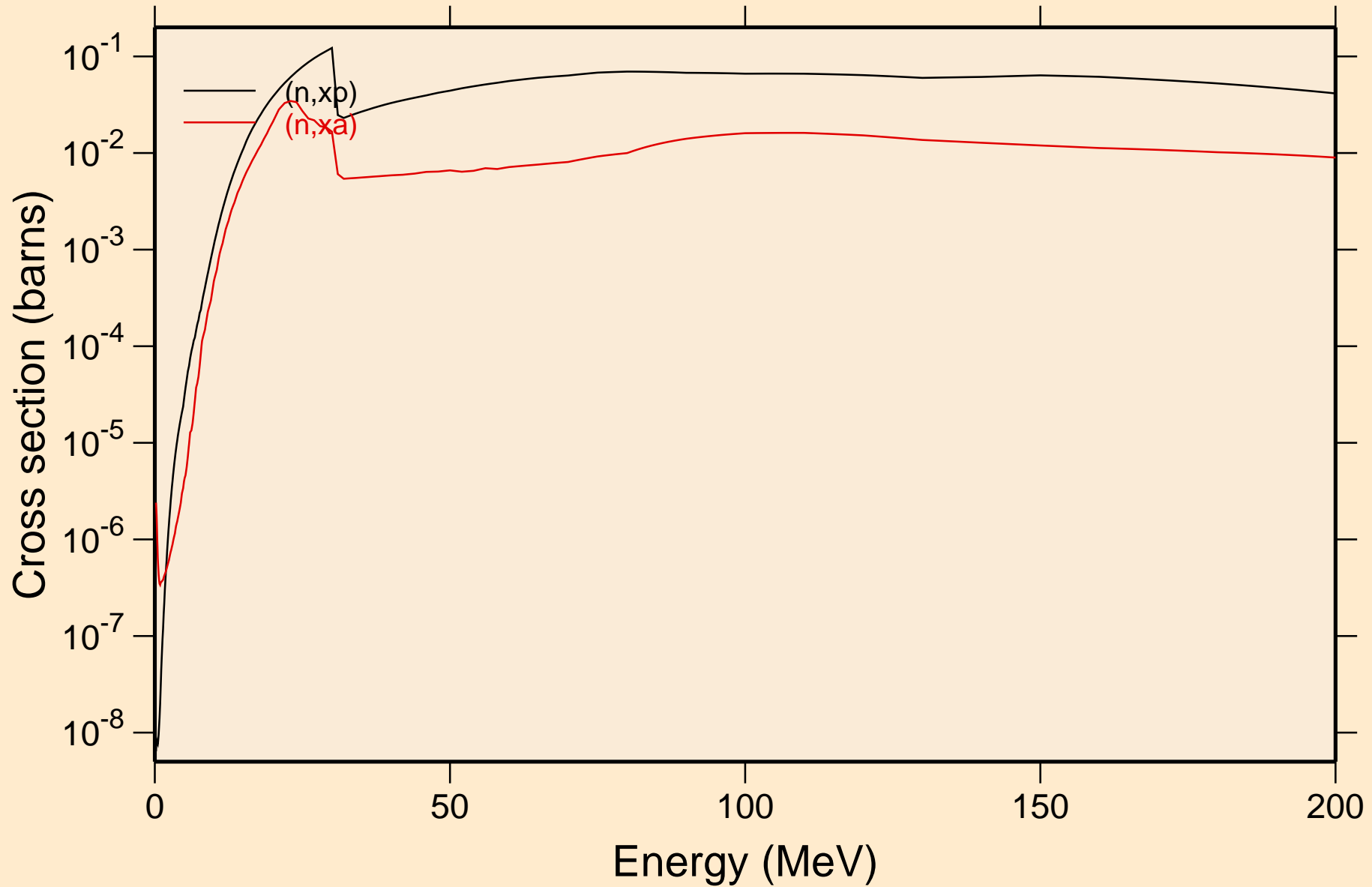
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Damage



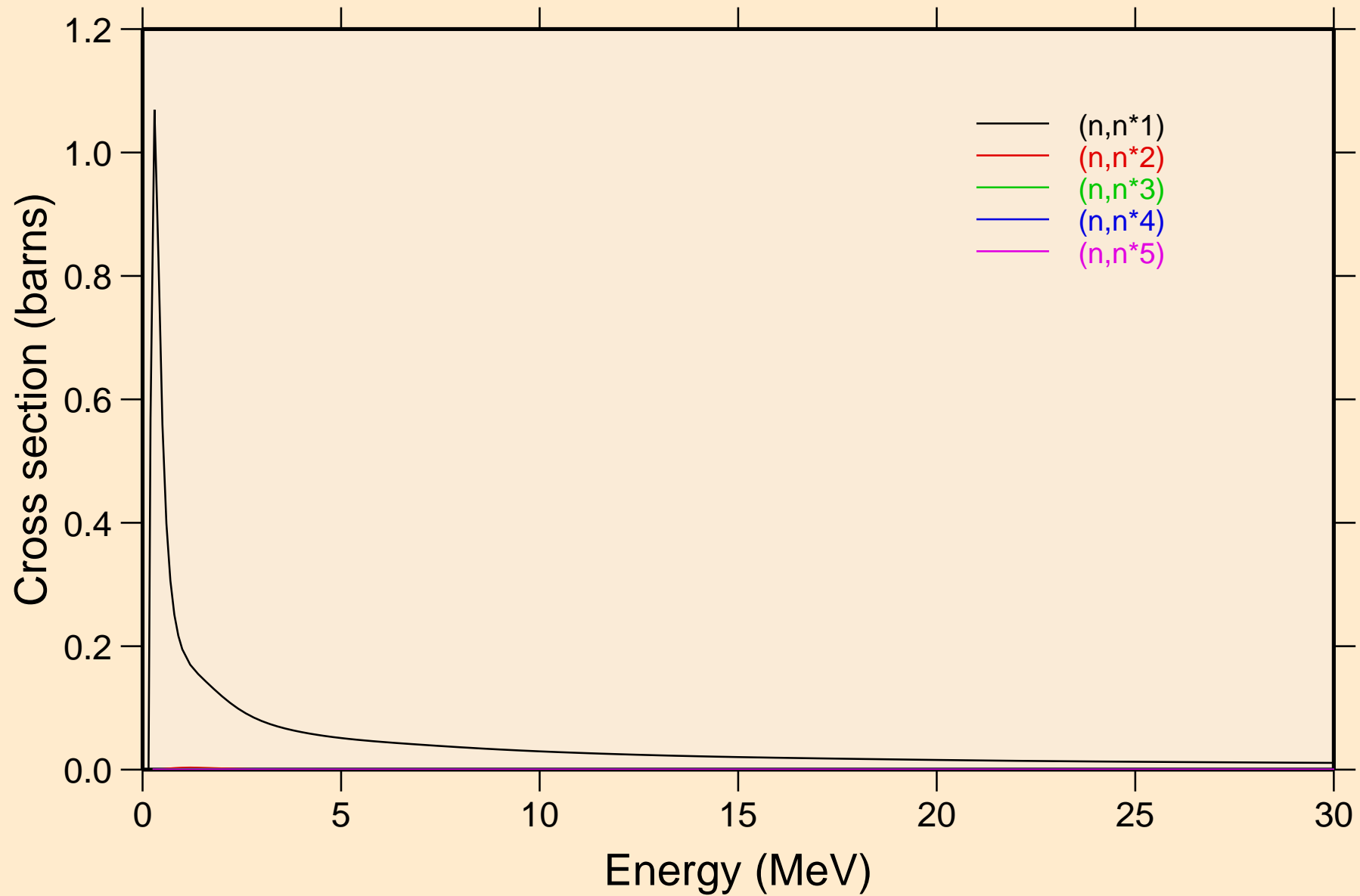
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Non-threshold reactions



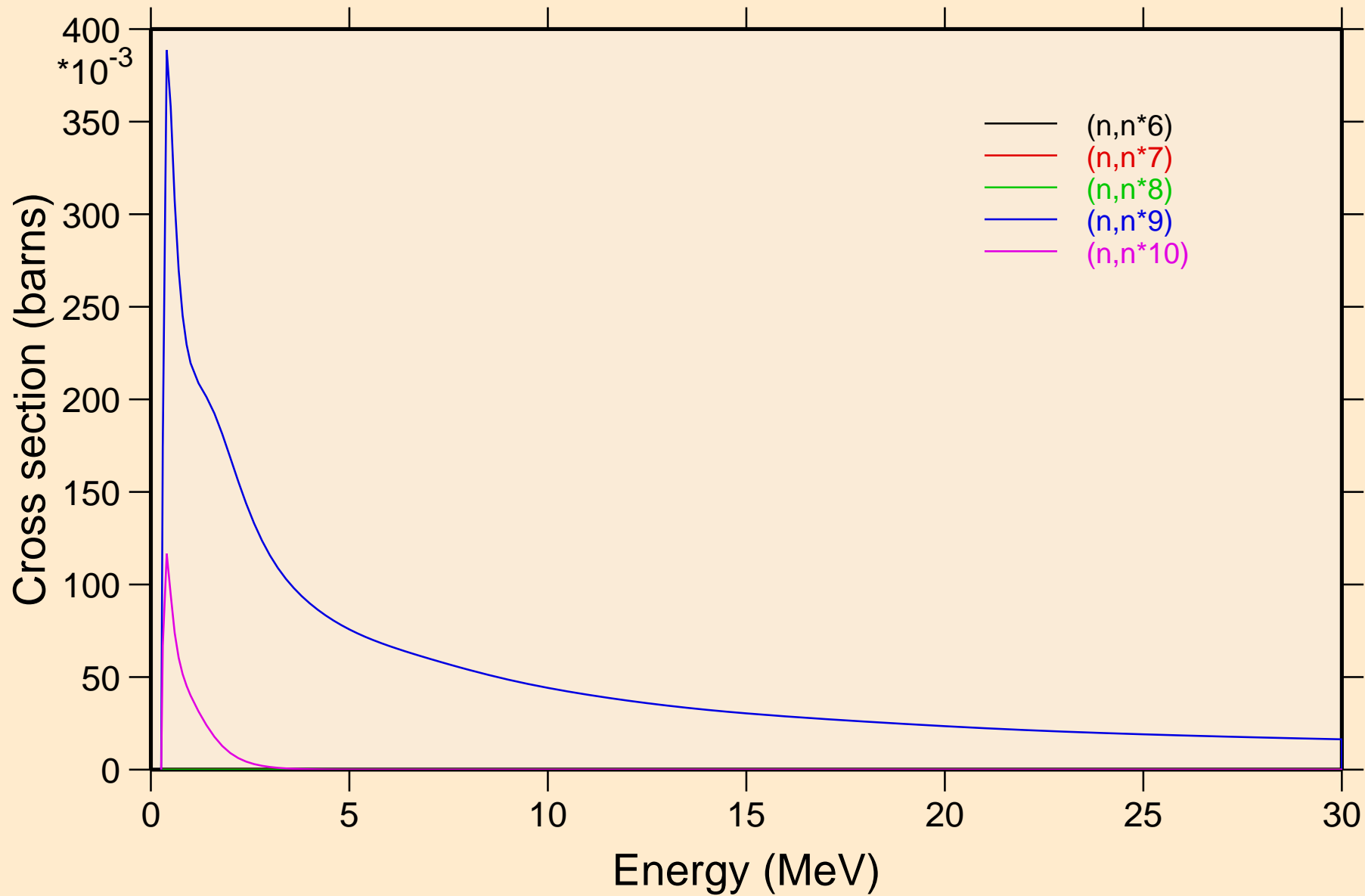
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



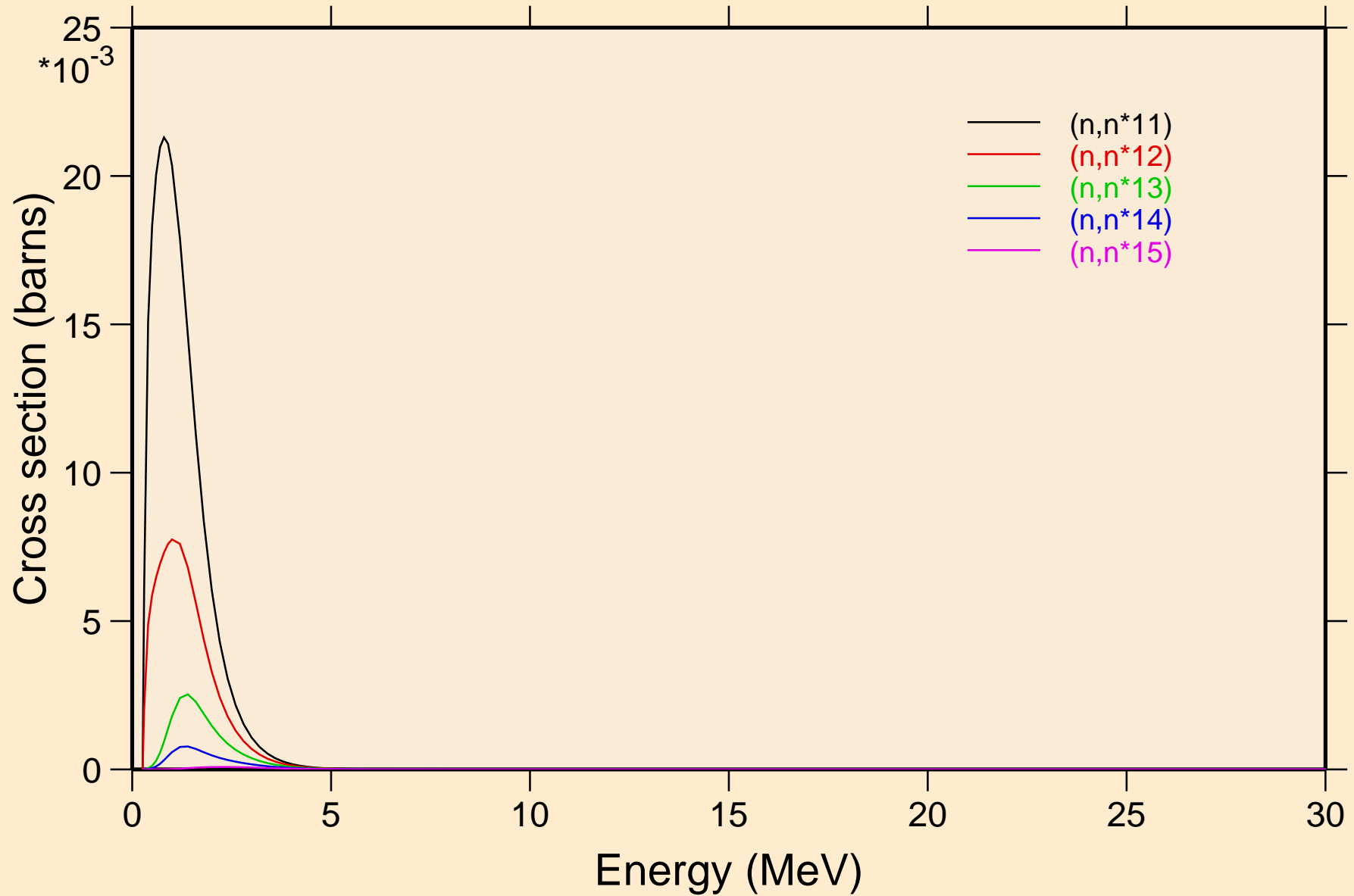
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



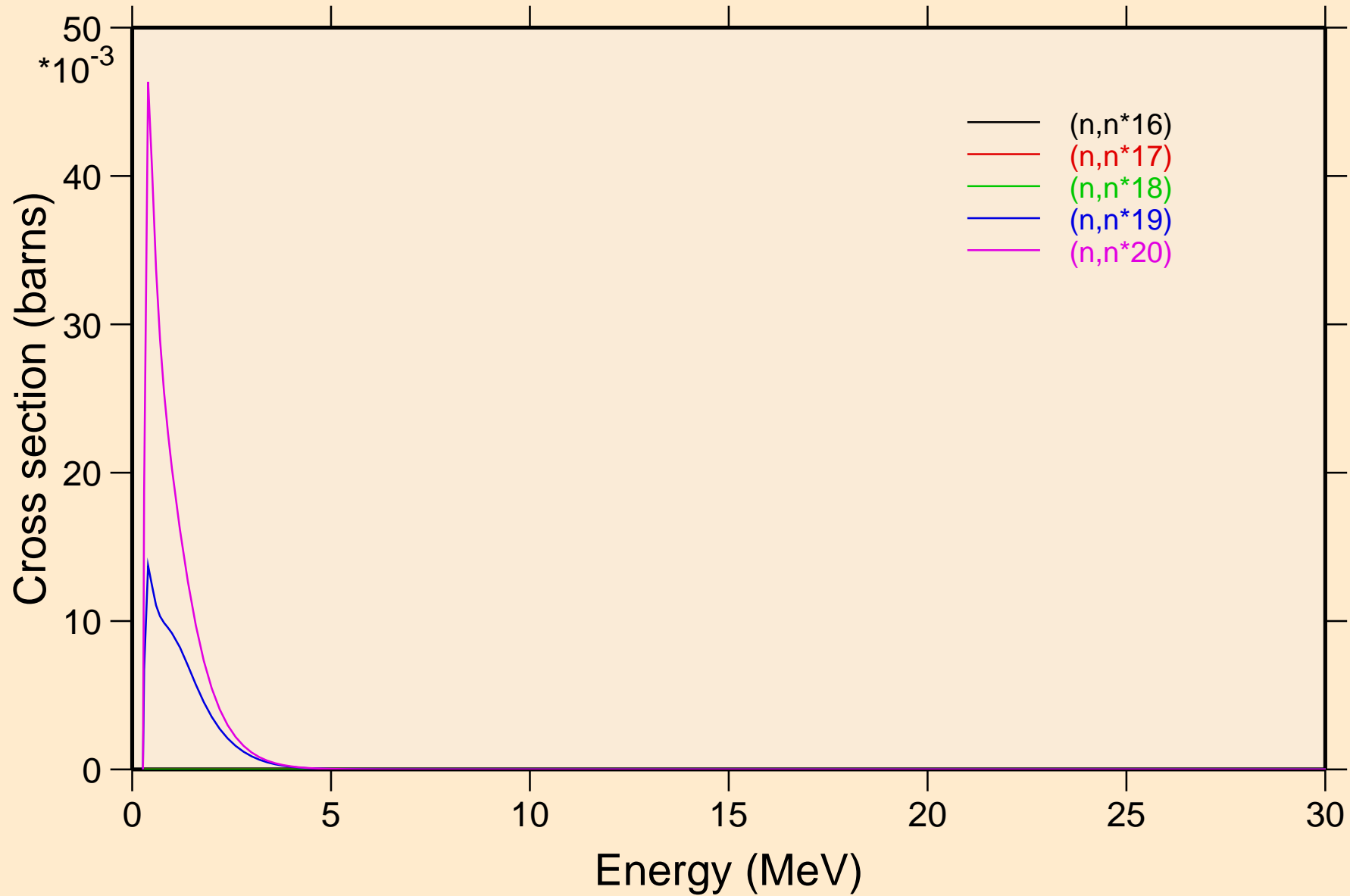
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

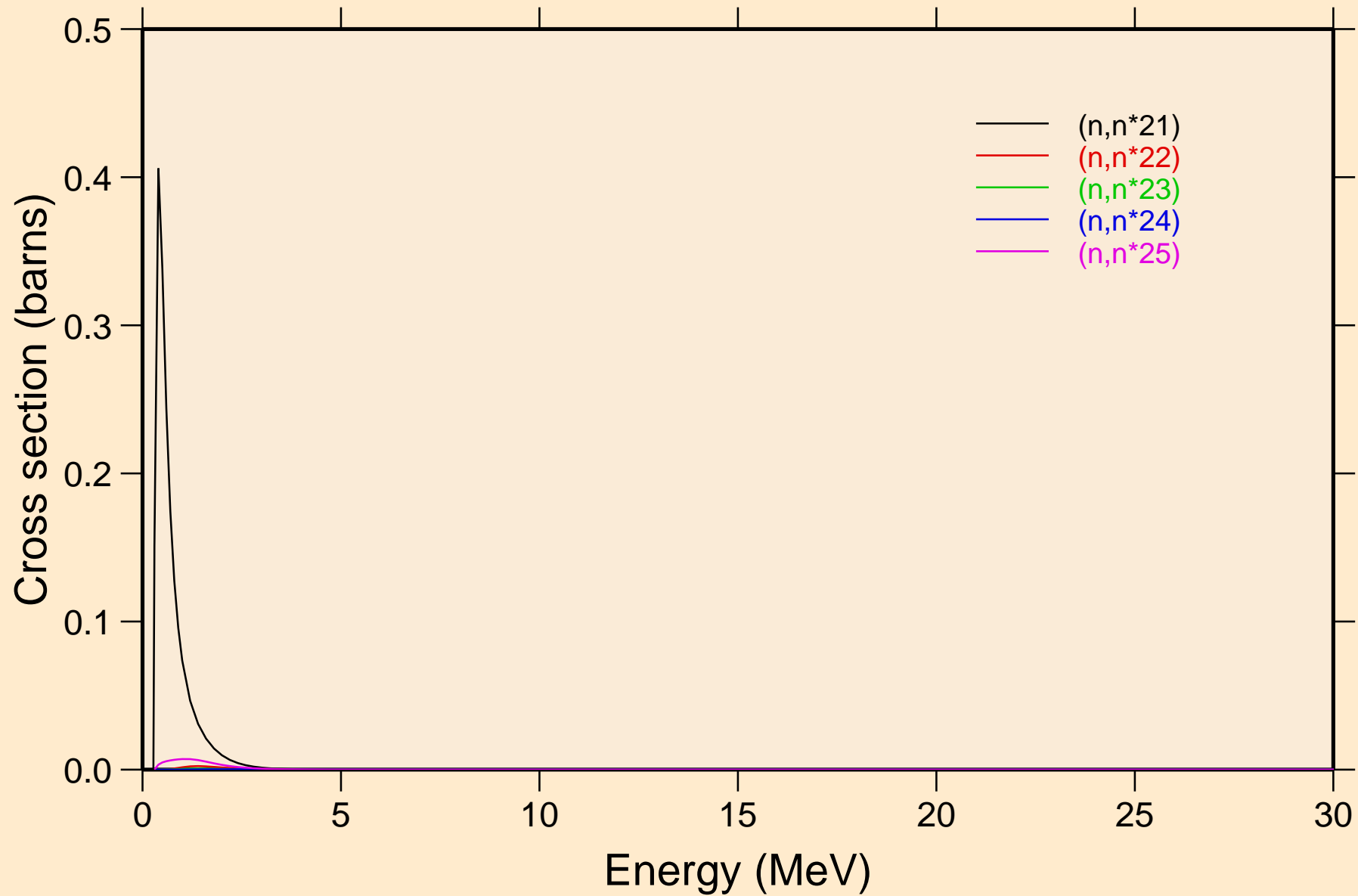


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

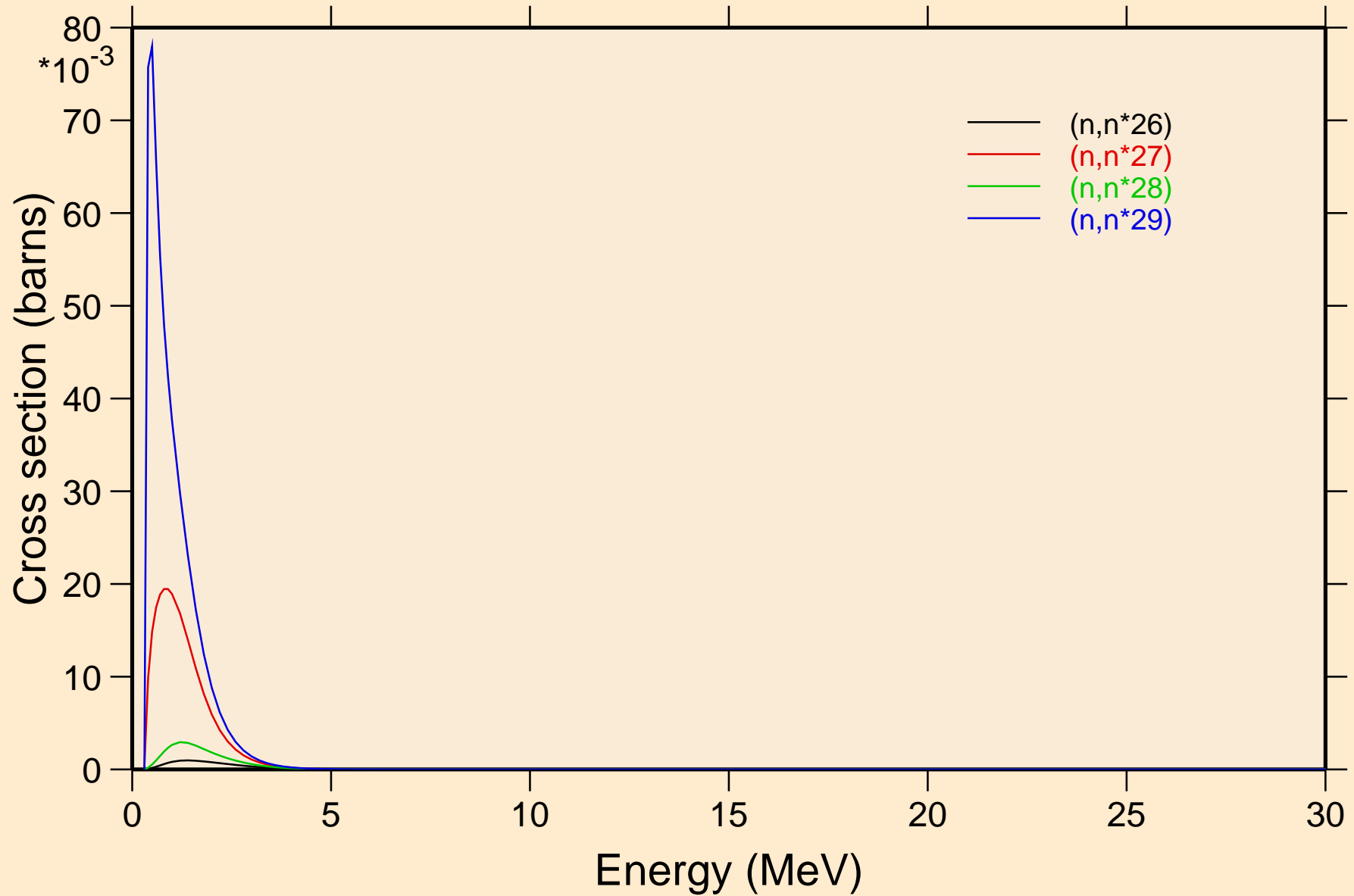




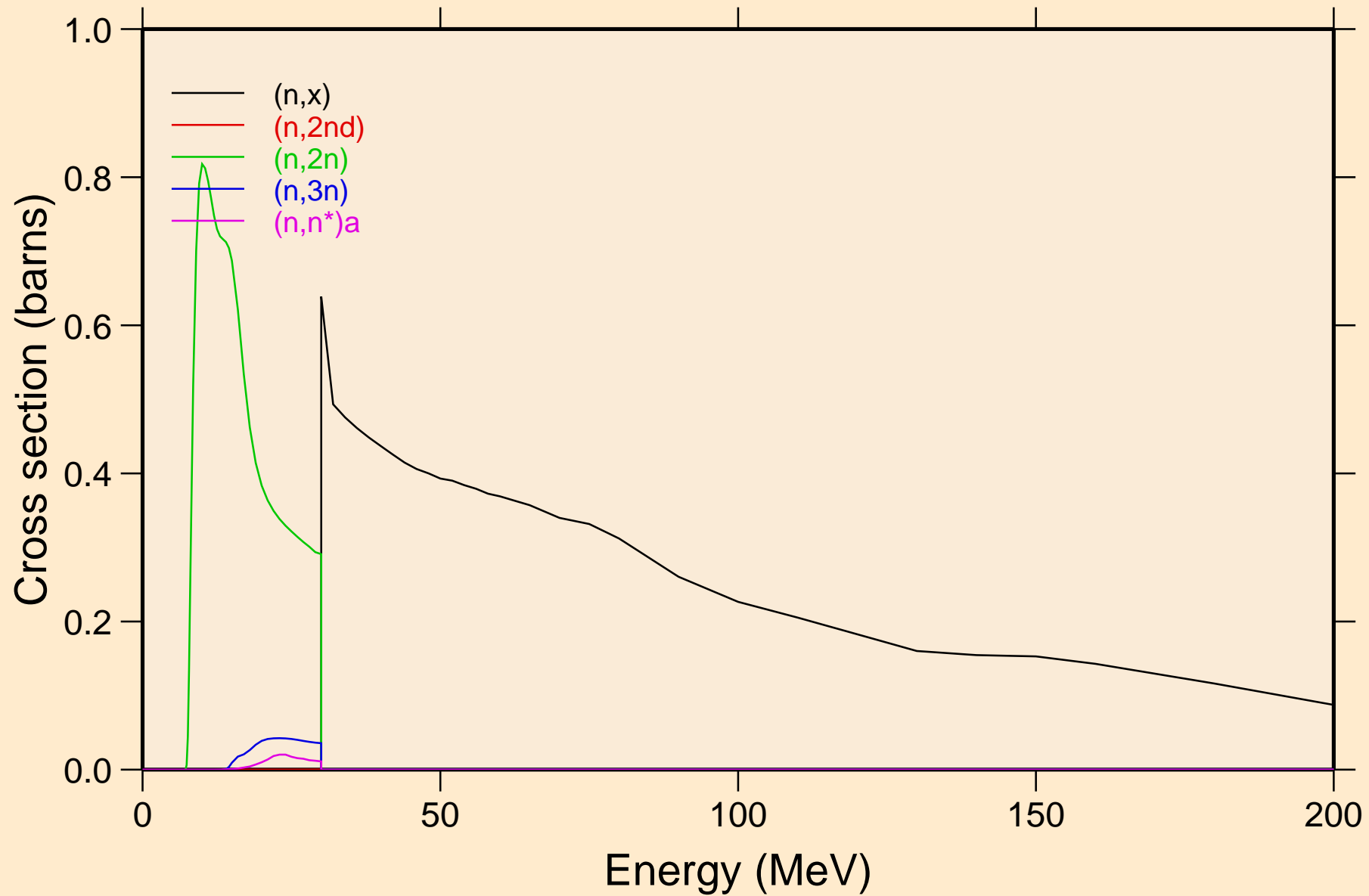
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



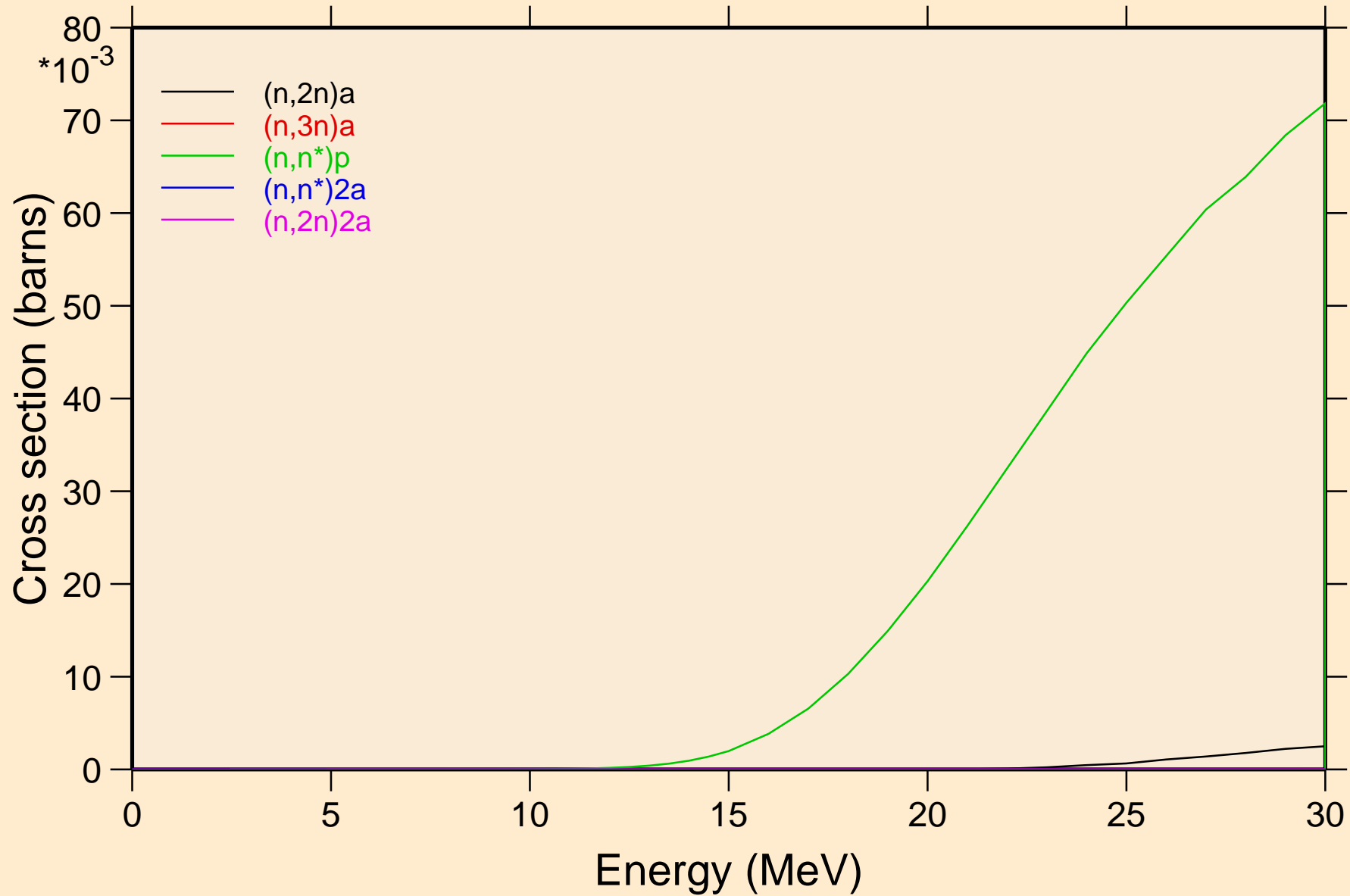
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Inelastic levels



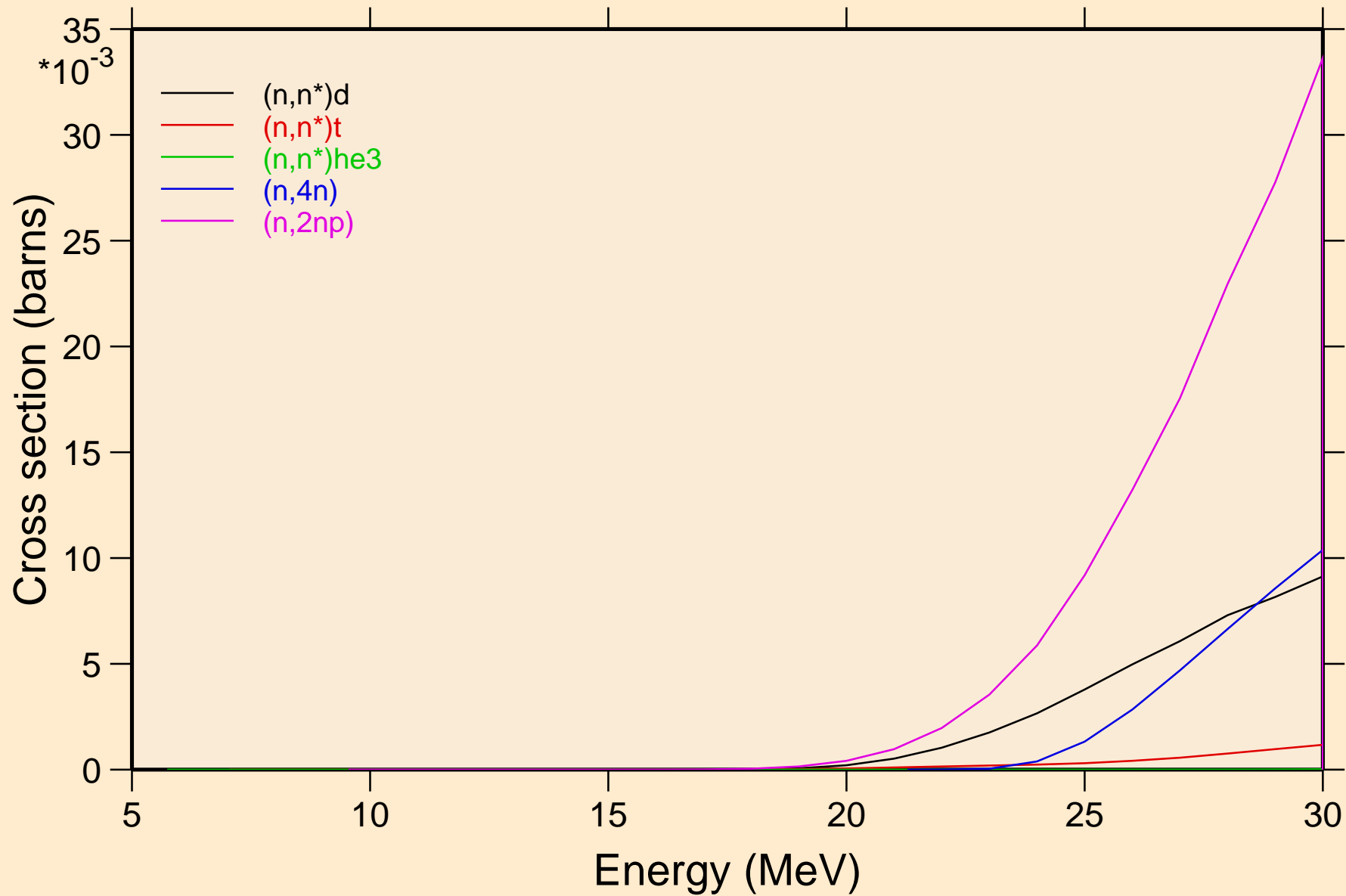
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



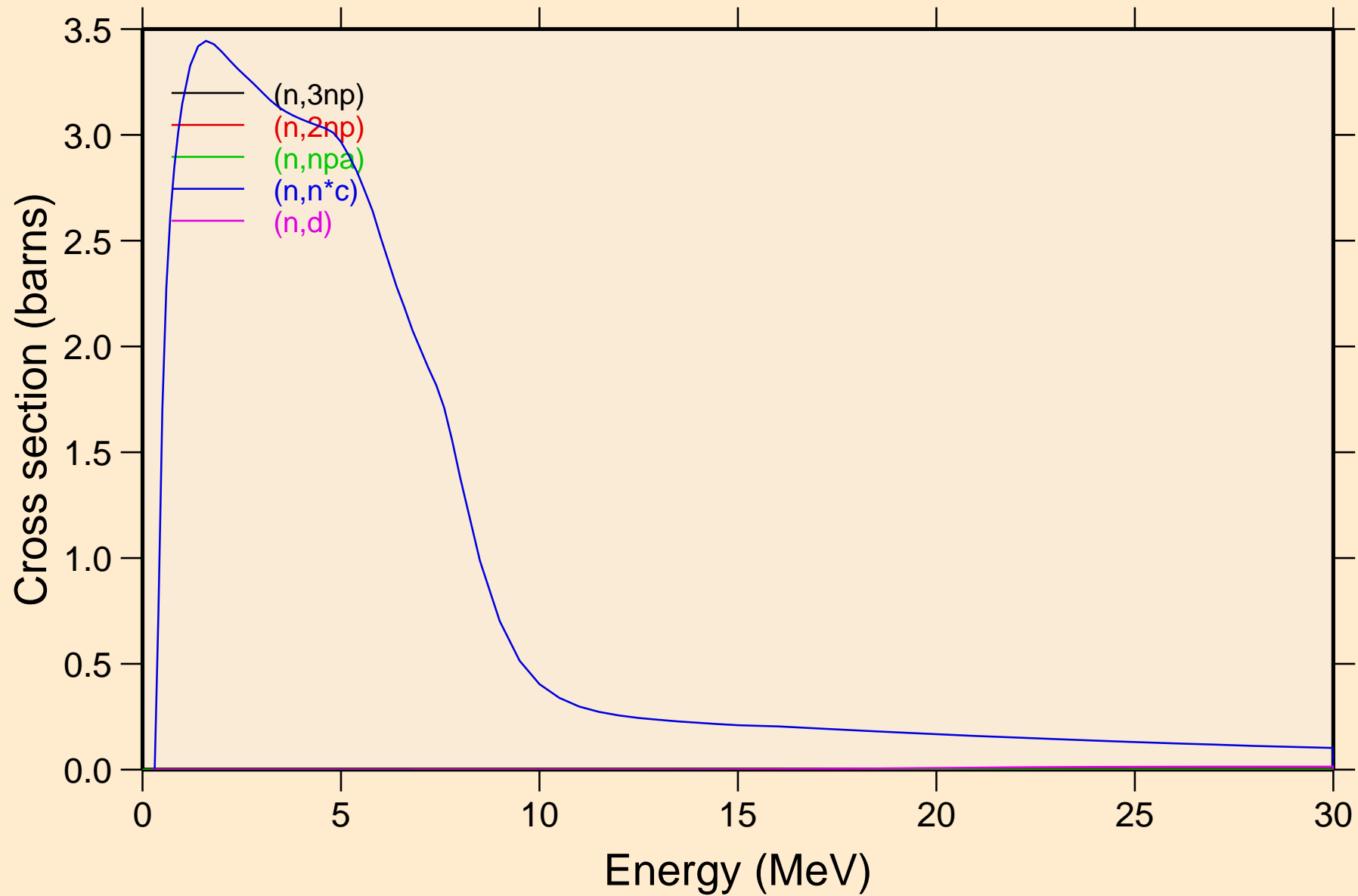
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Threshold reactions



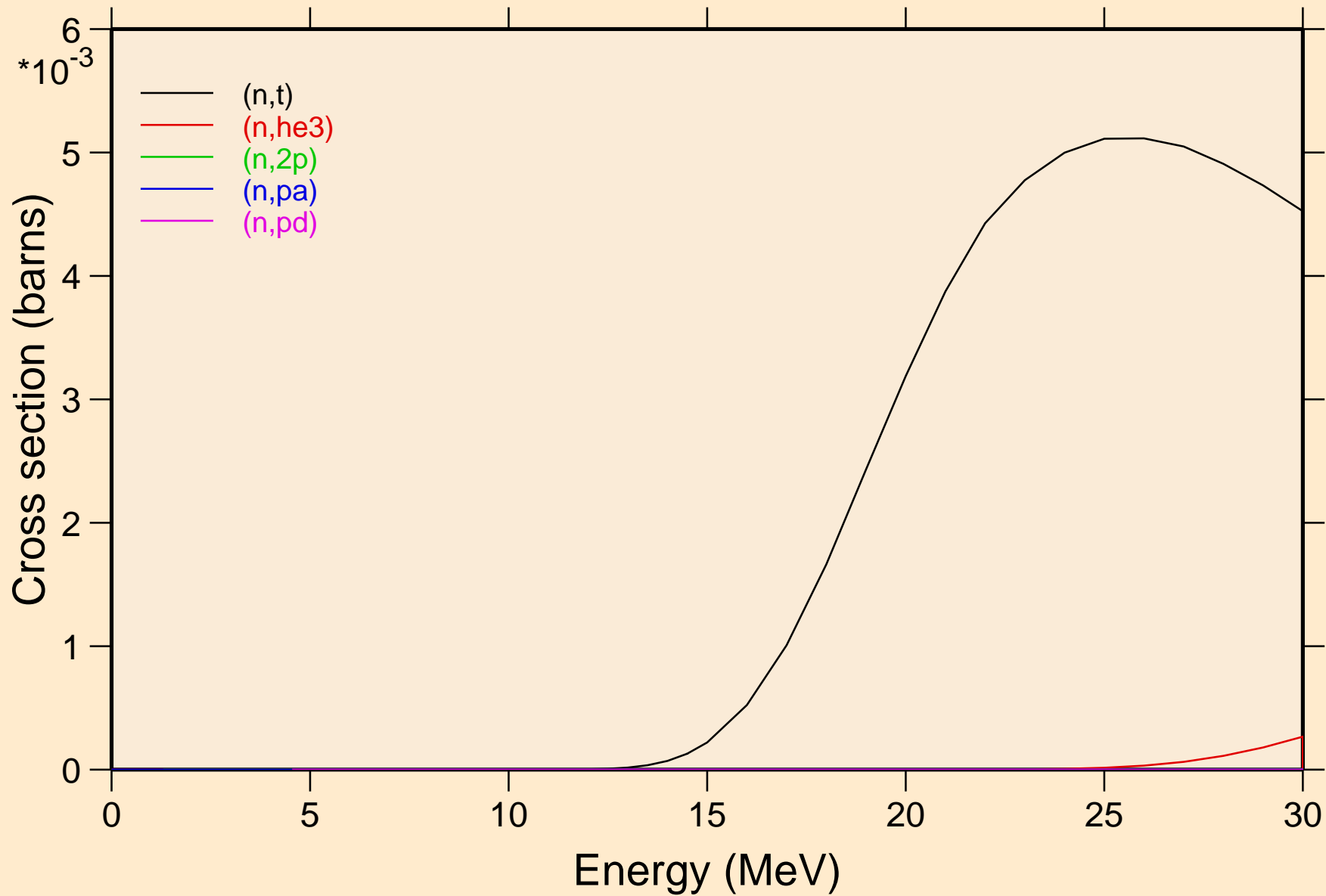
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



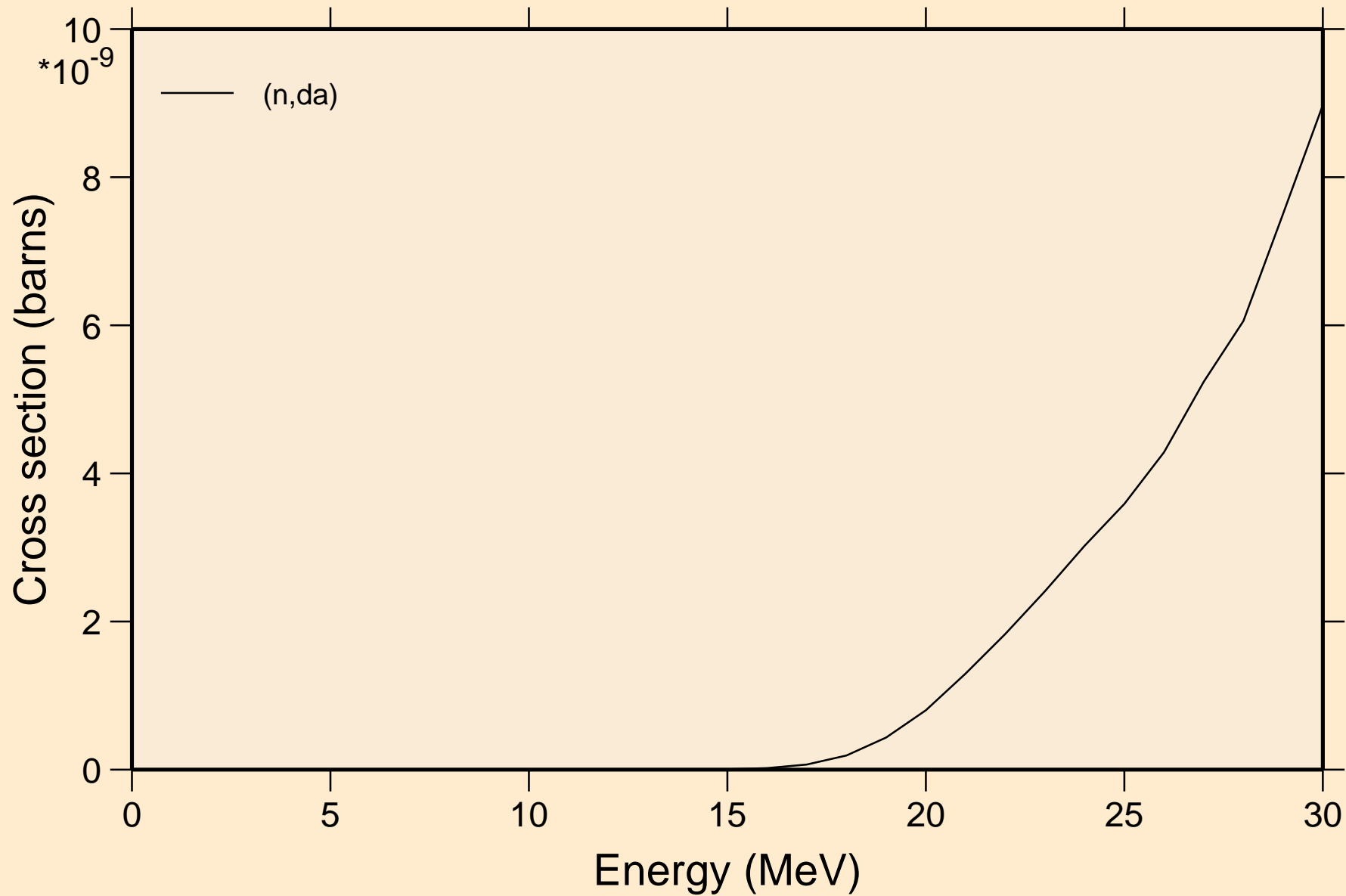
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

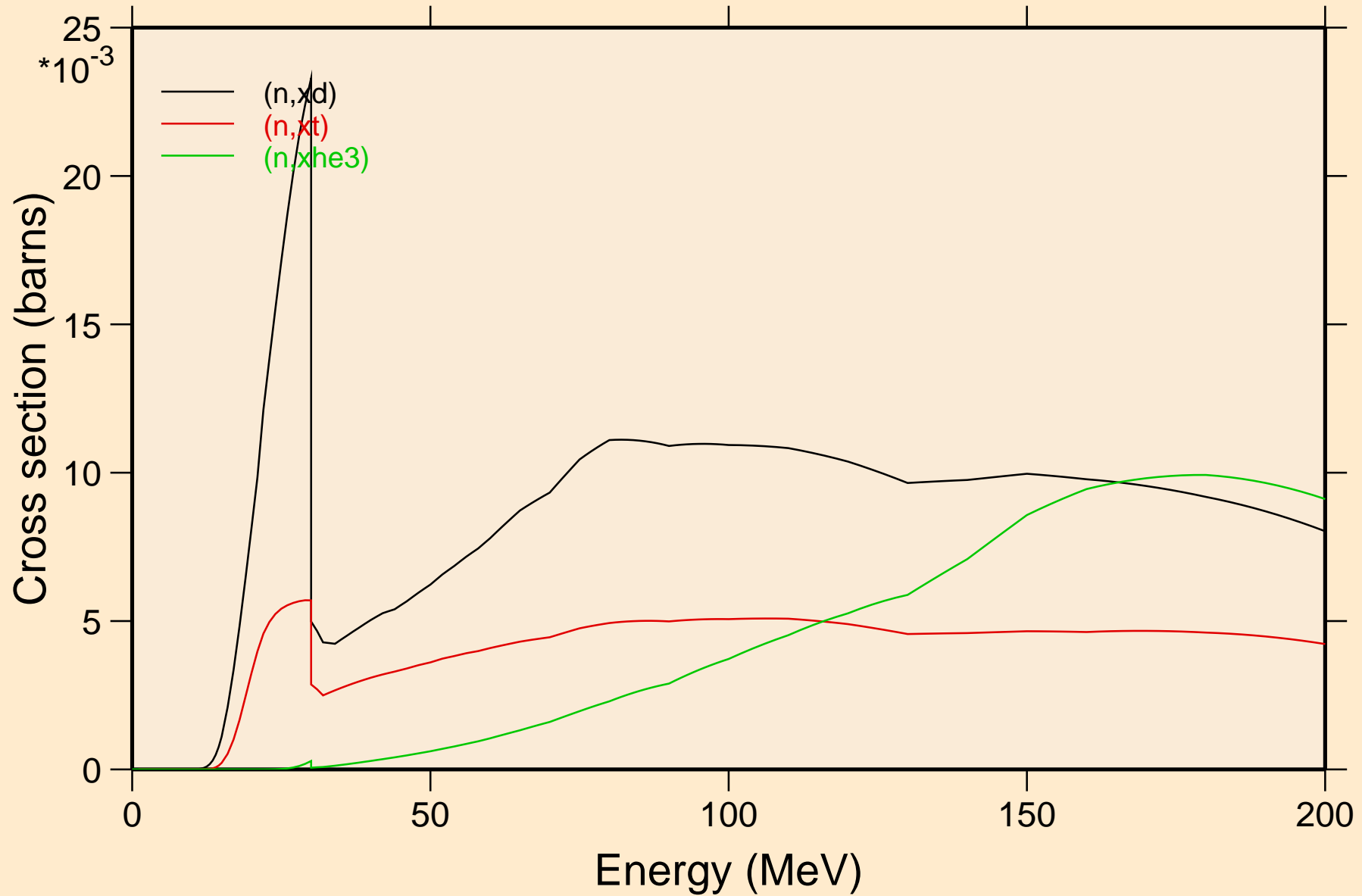


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Threshold reactions

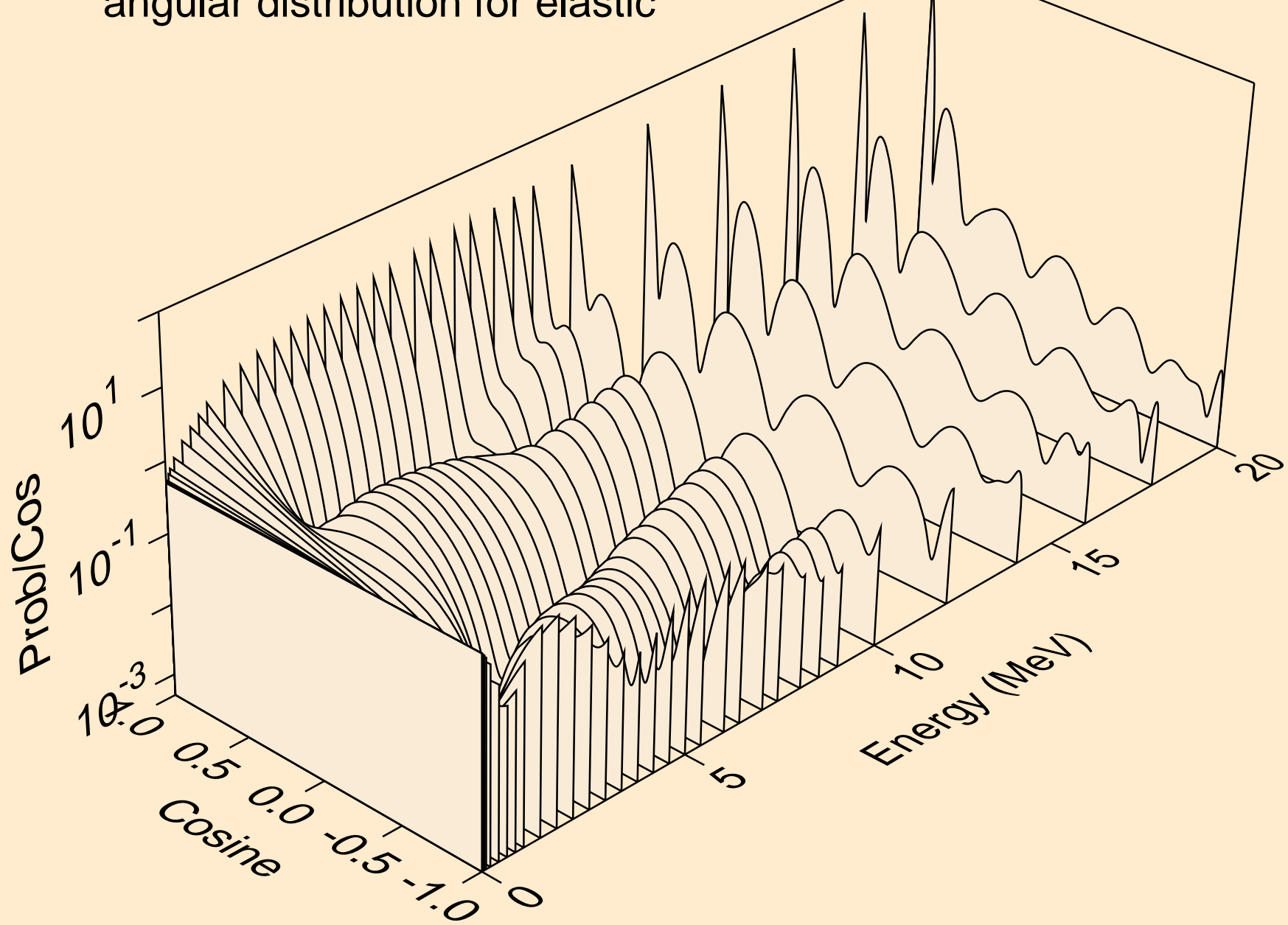




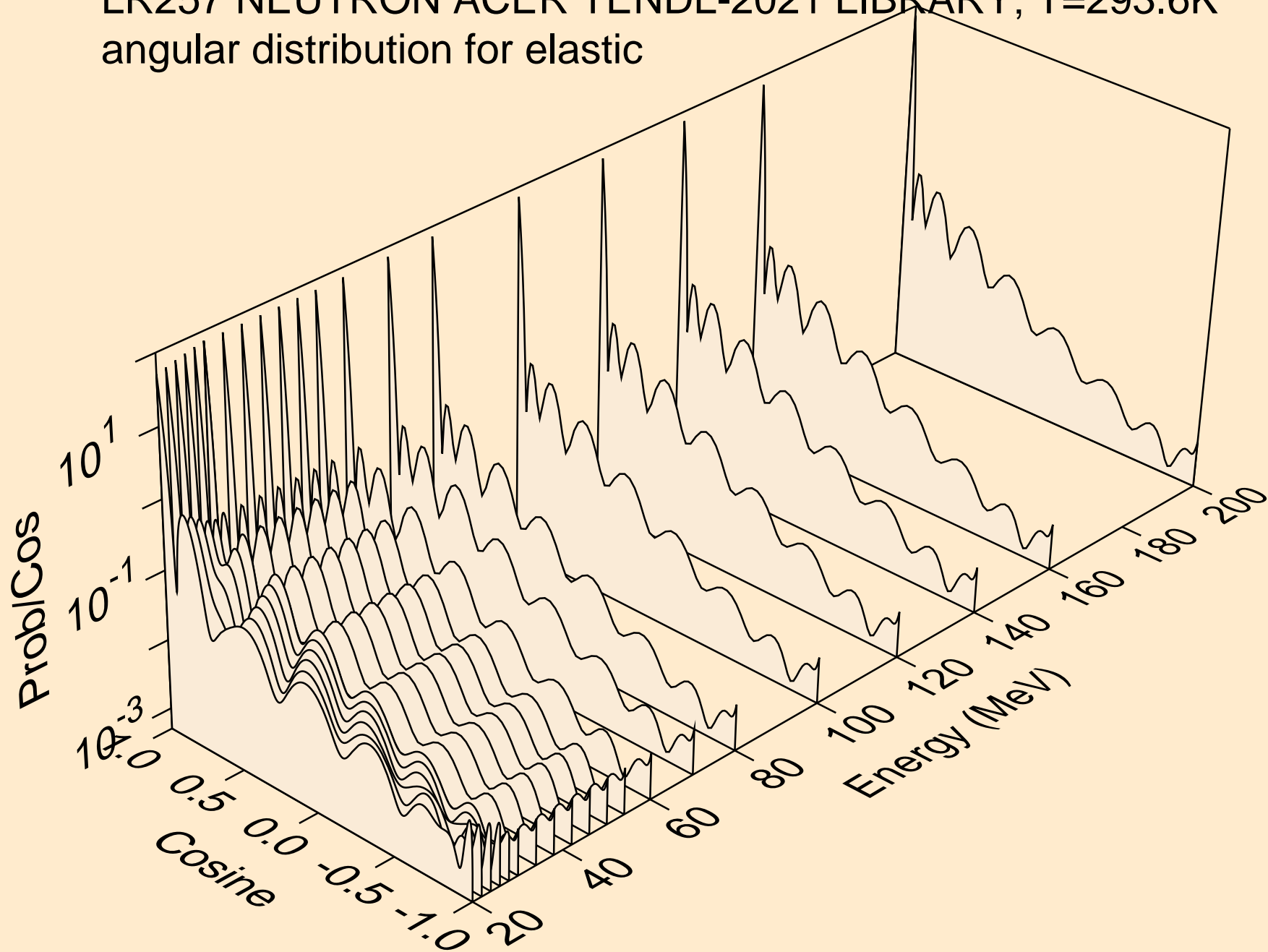
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



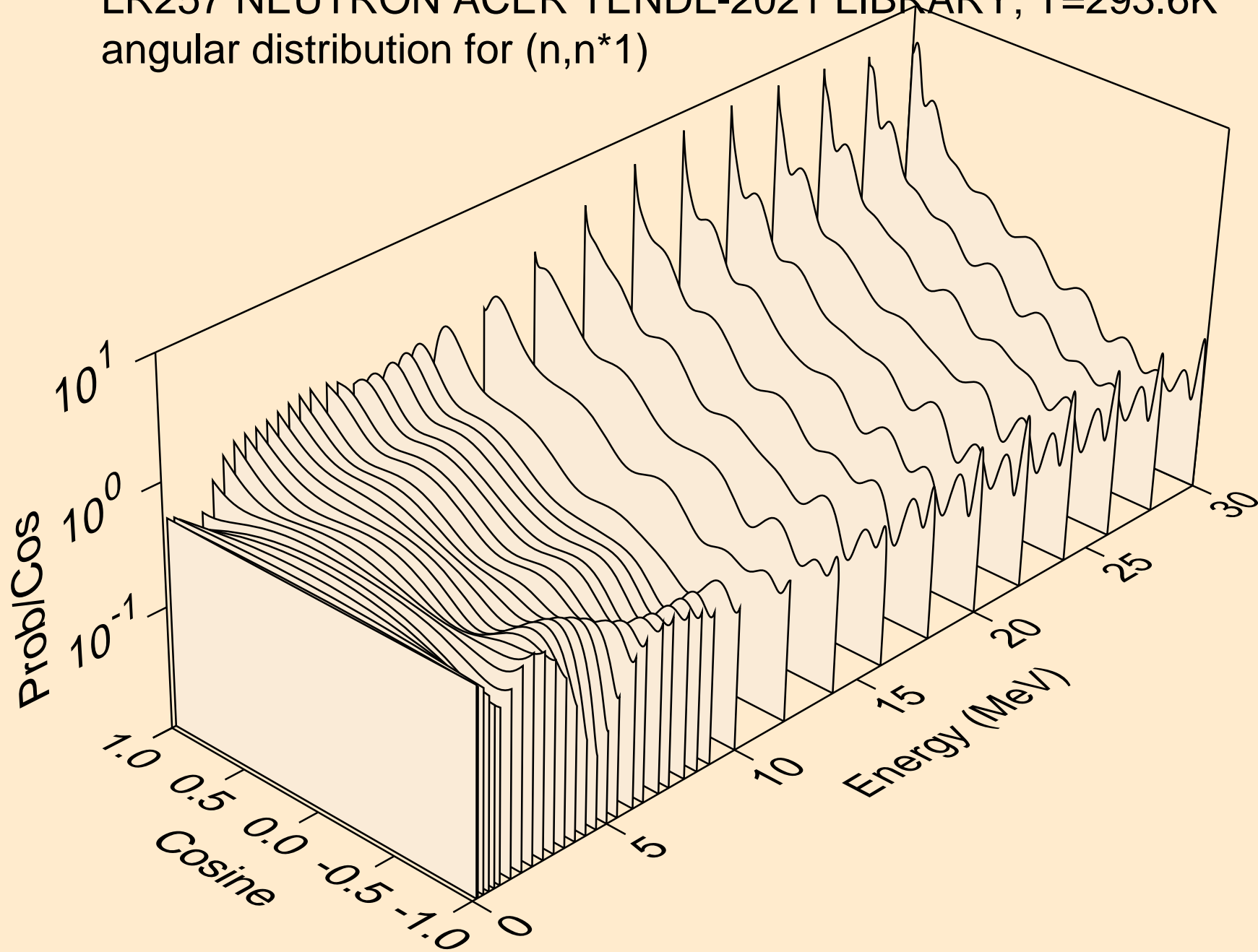
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angular distribution for elastic



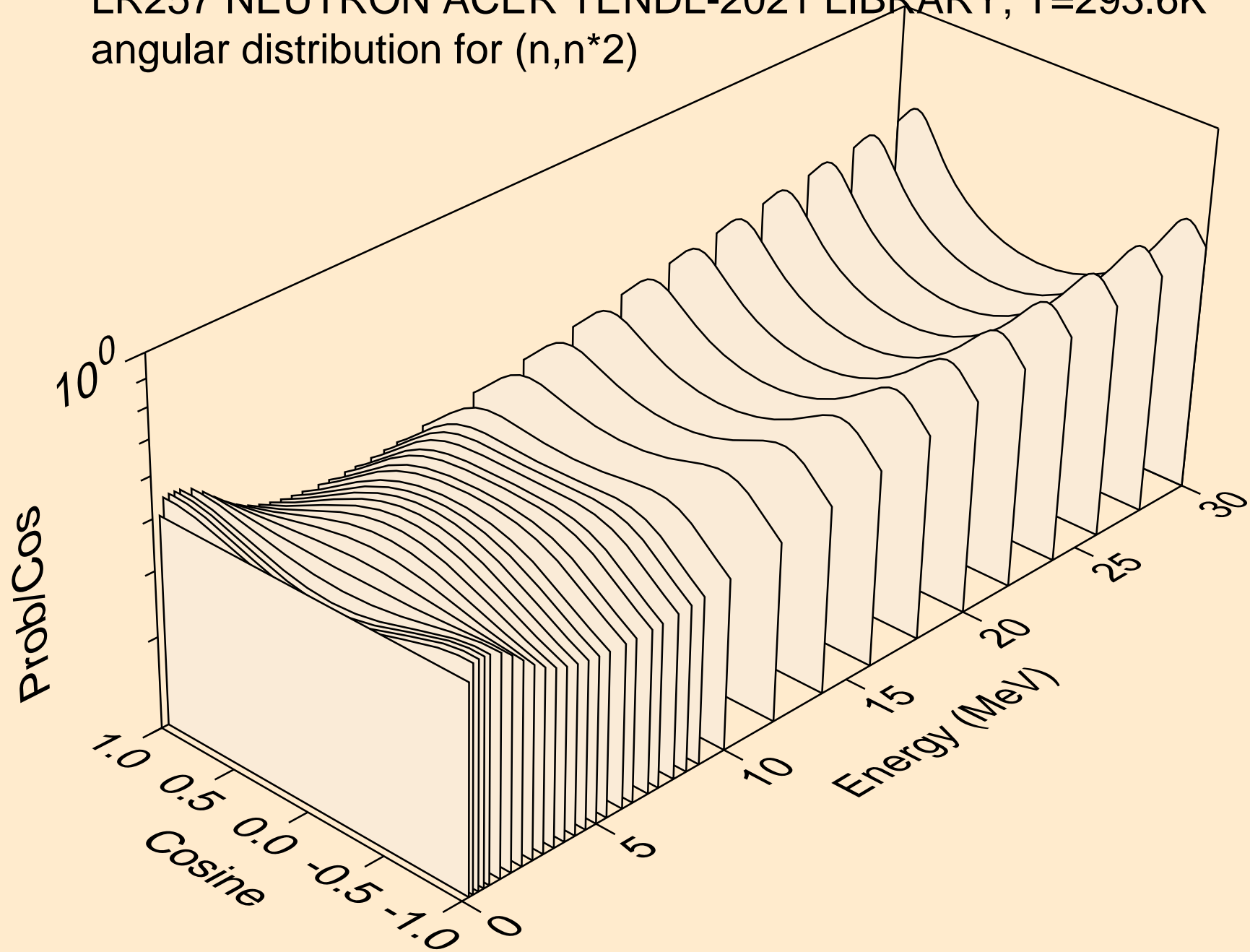
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



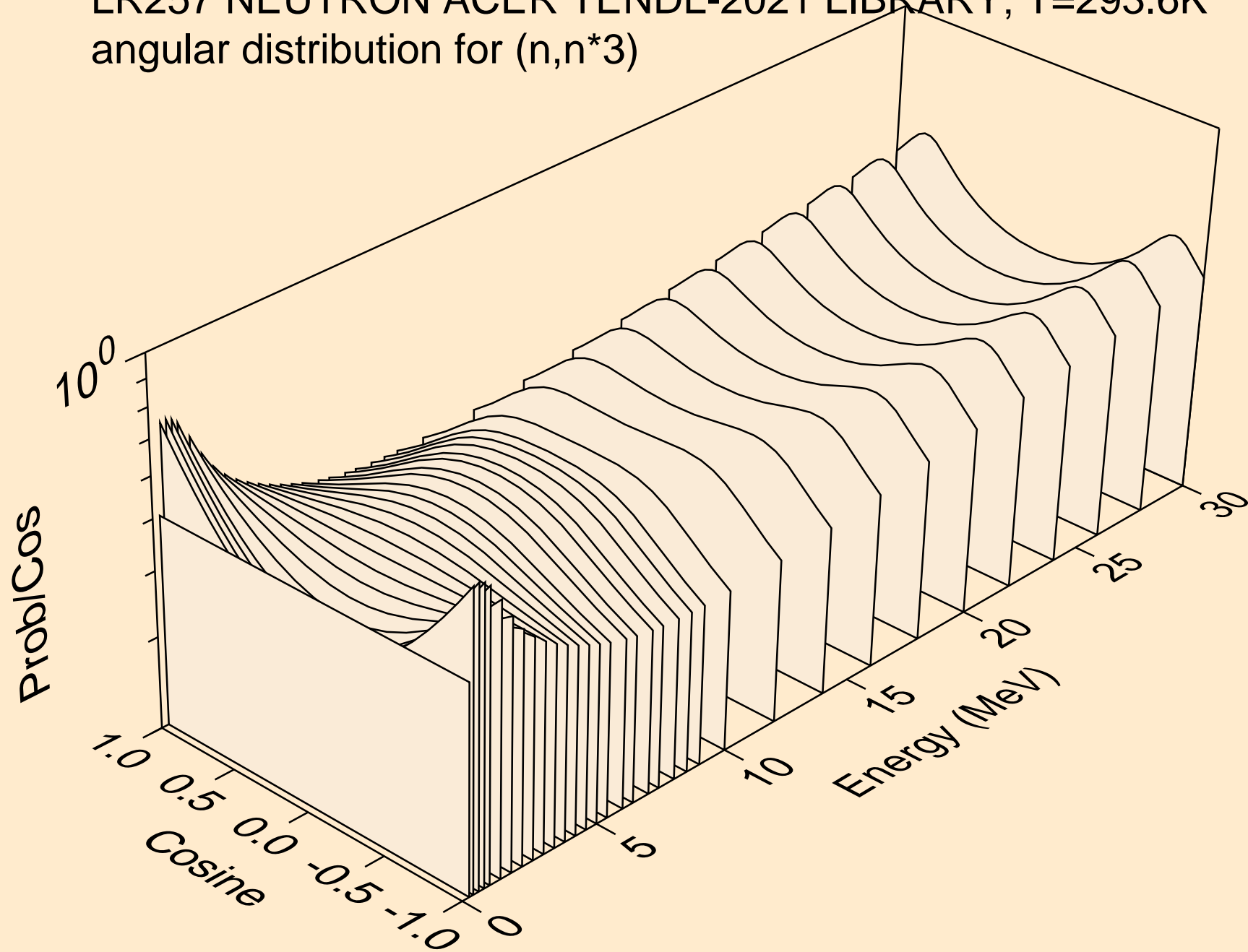
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



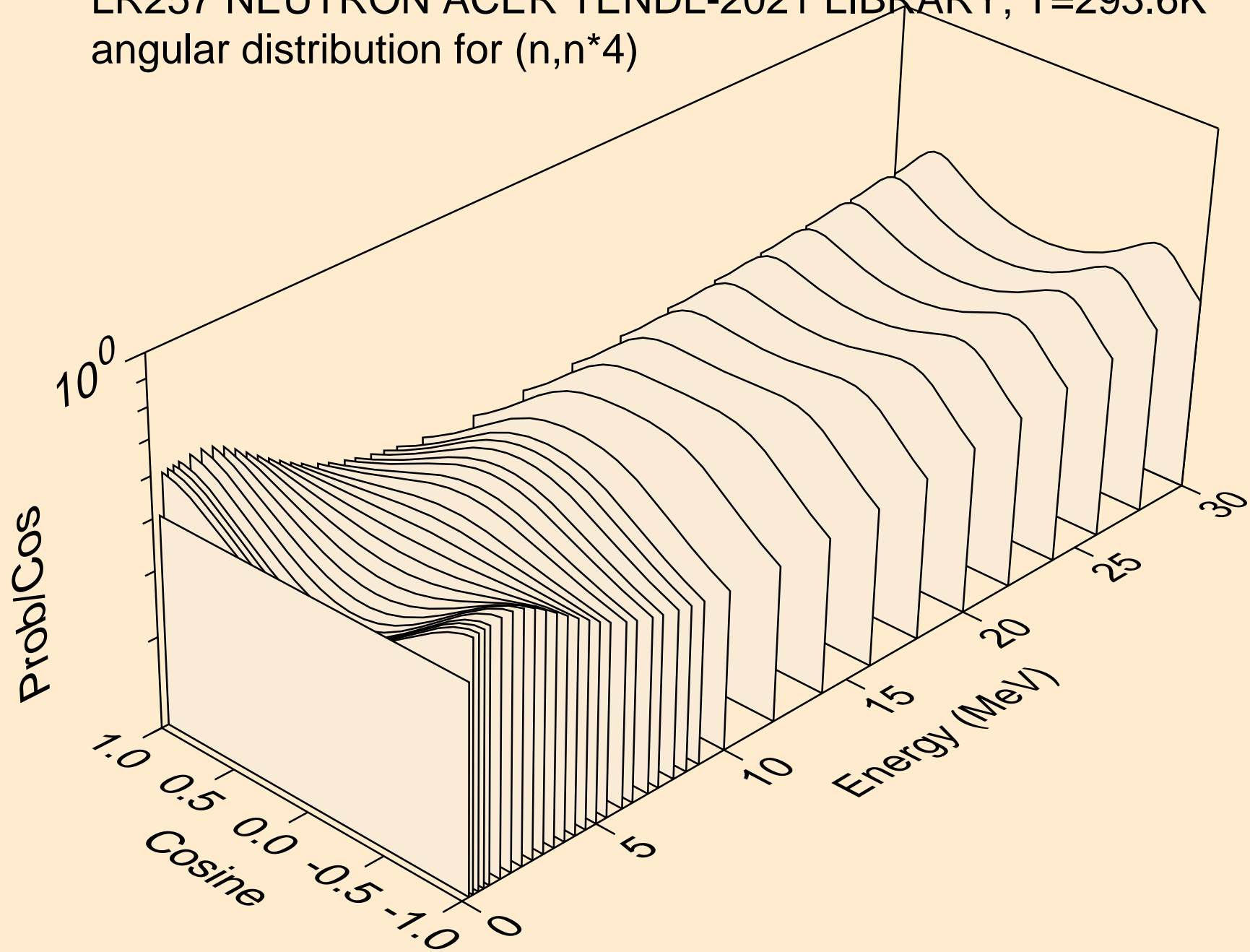
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angular distribution for (n,n\*2)



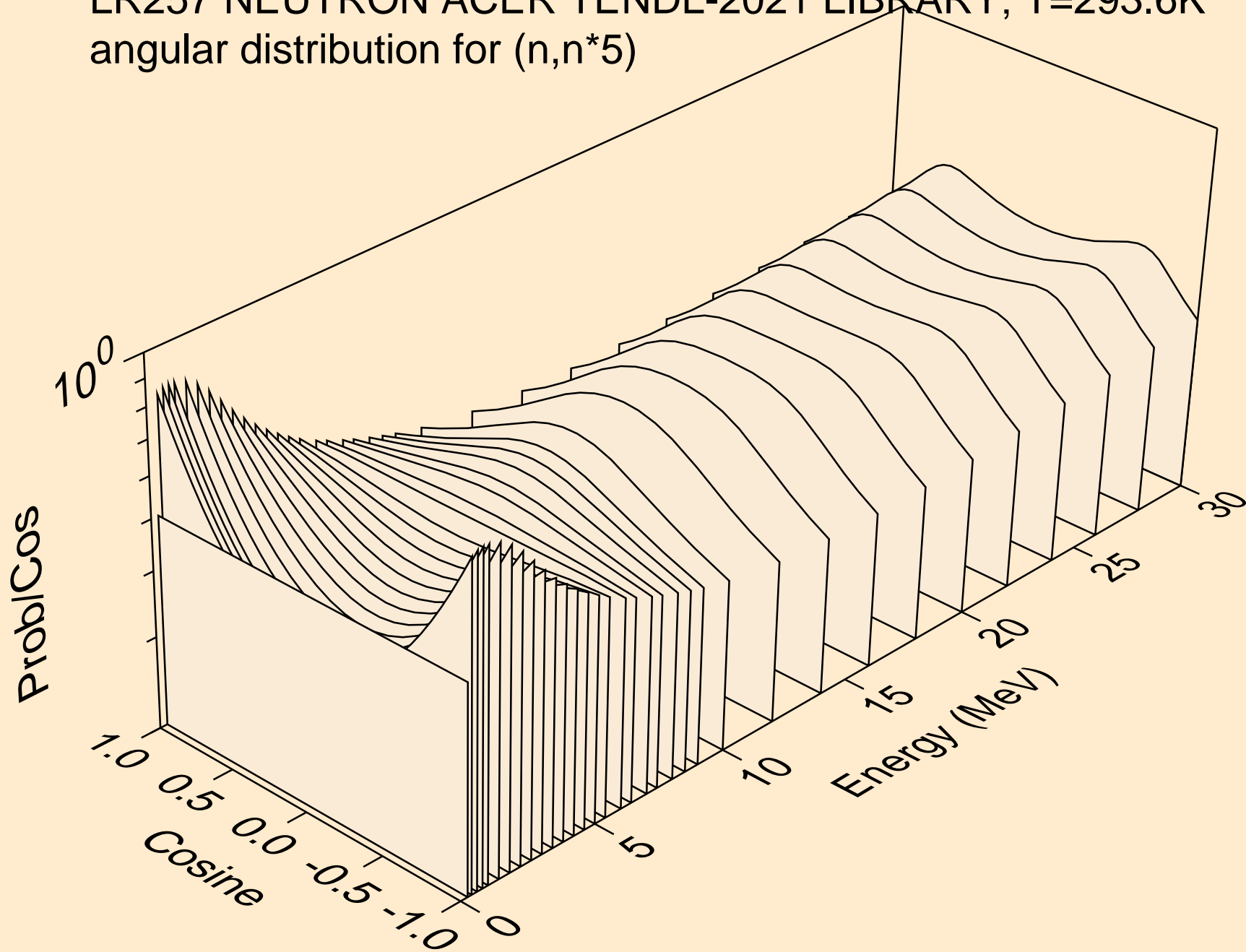
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

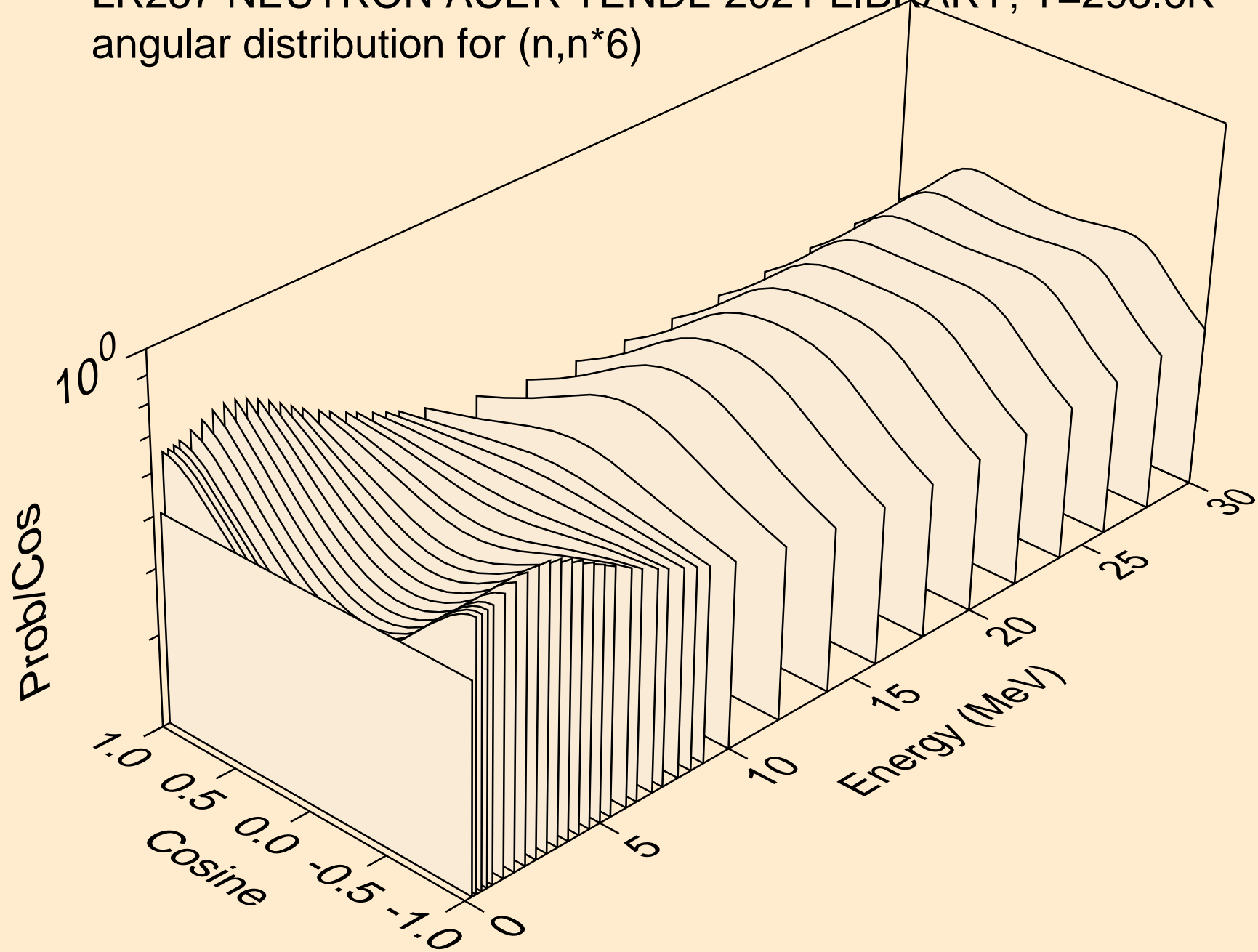


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

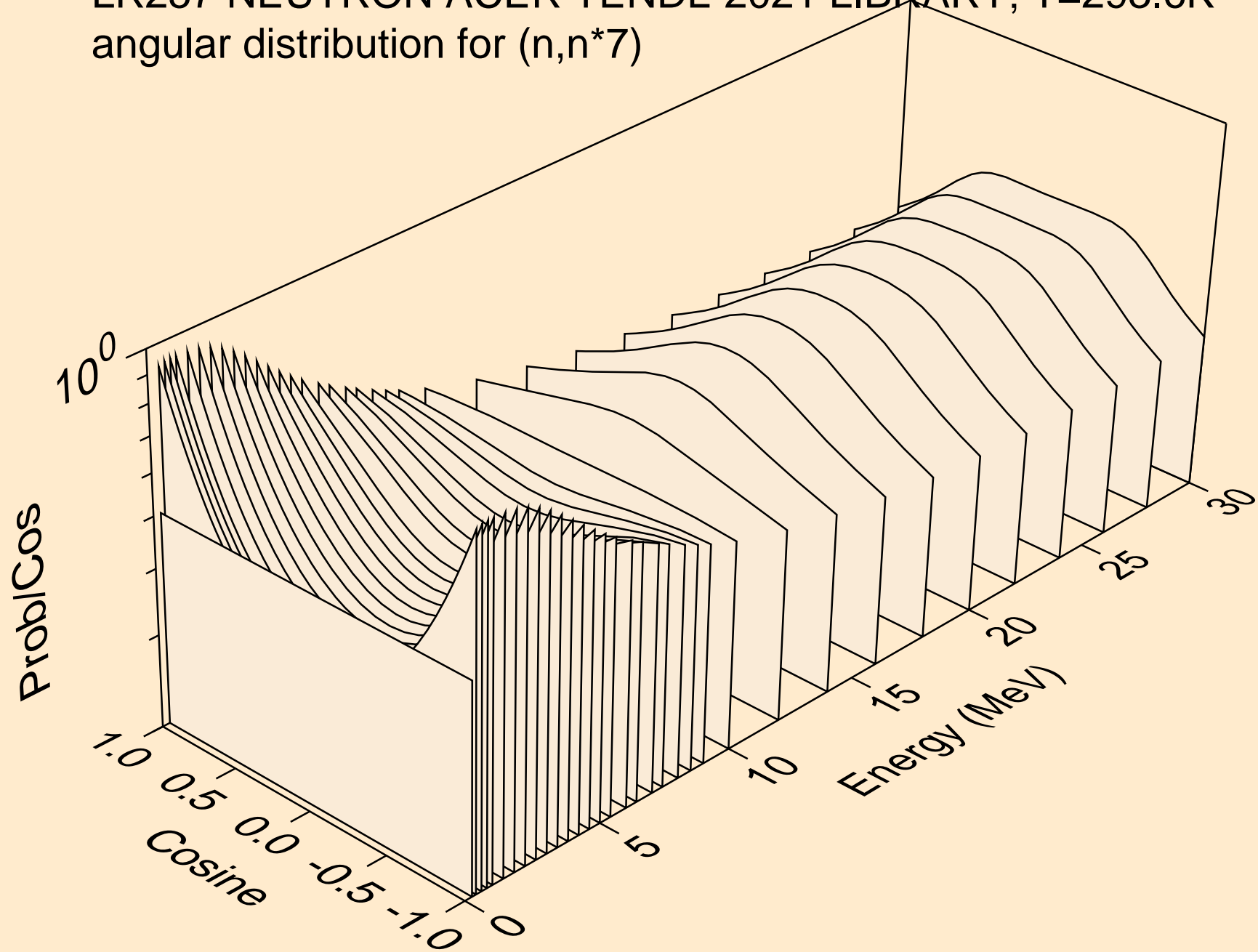




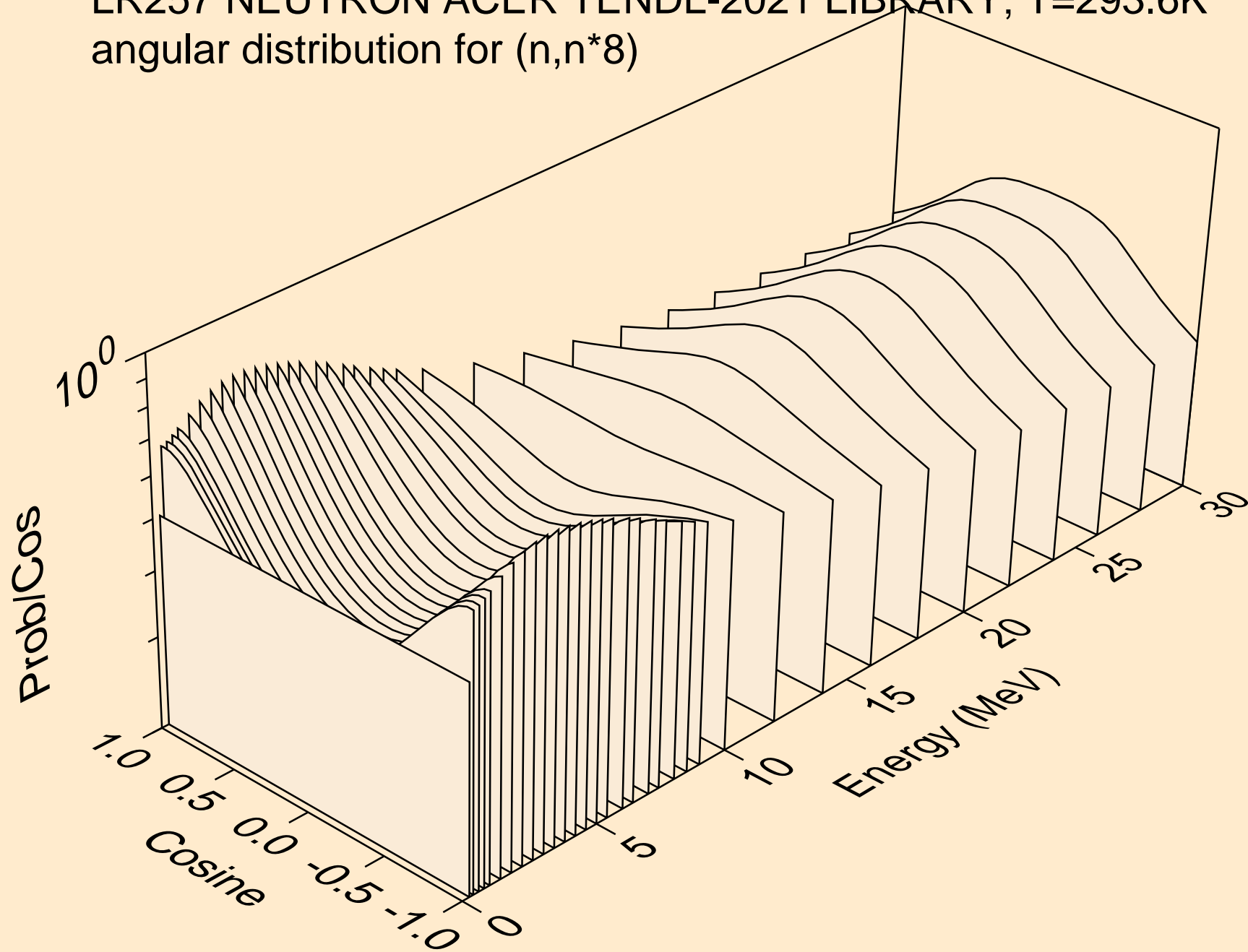
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angular distribution for (n,n\*6)



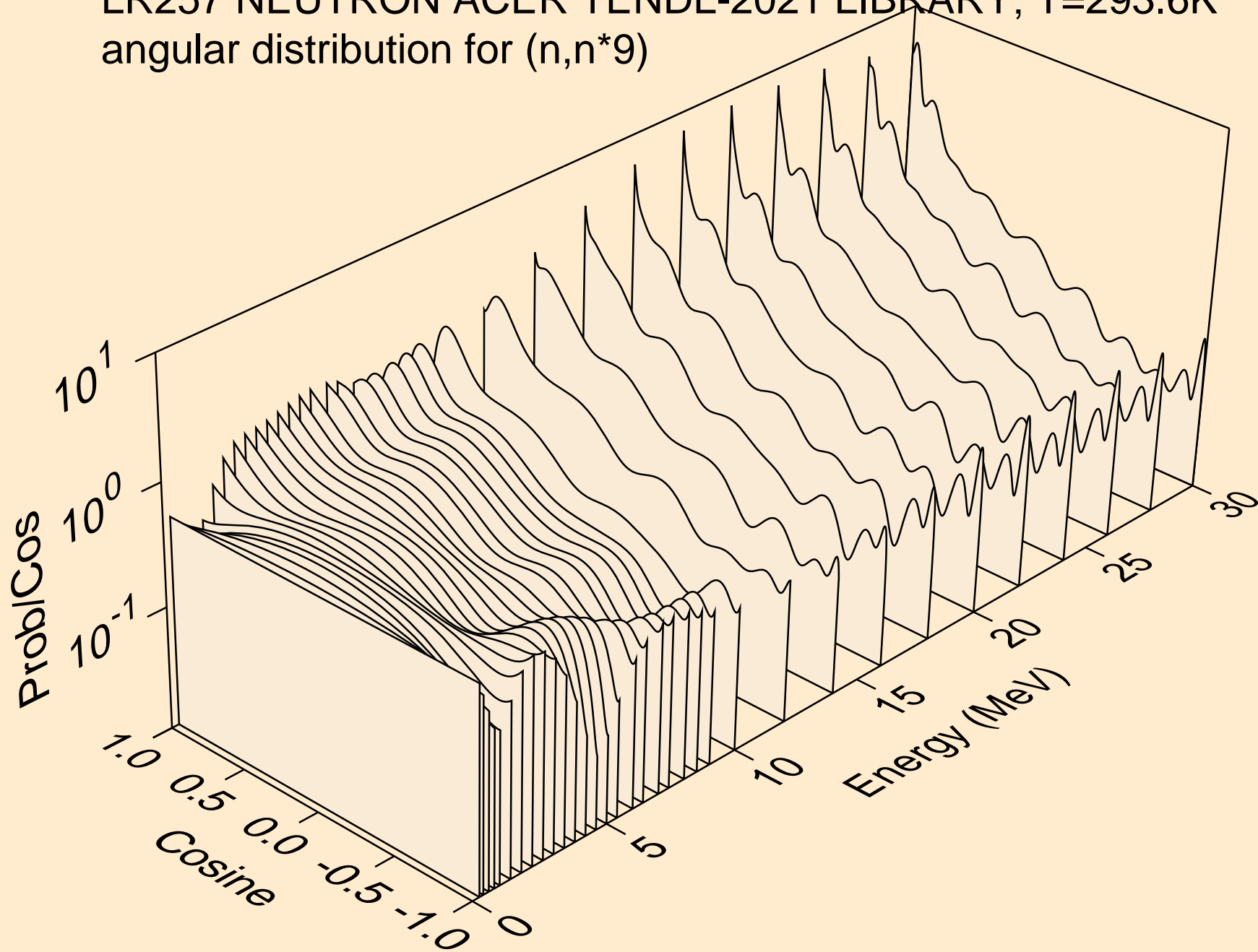
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angular distribution for (n,n\*7)



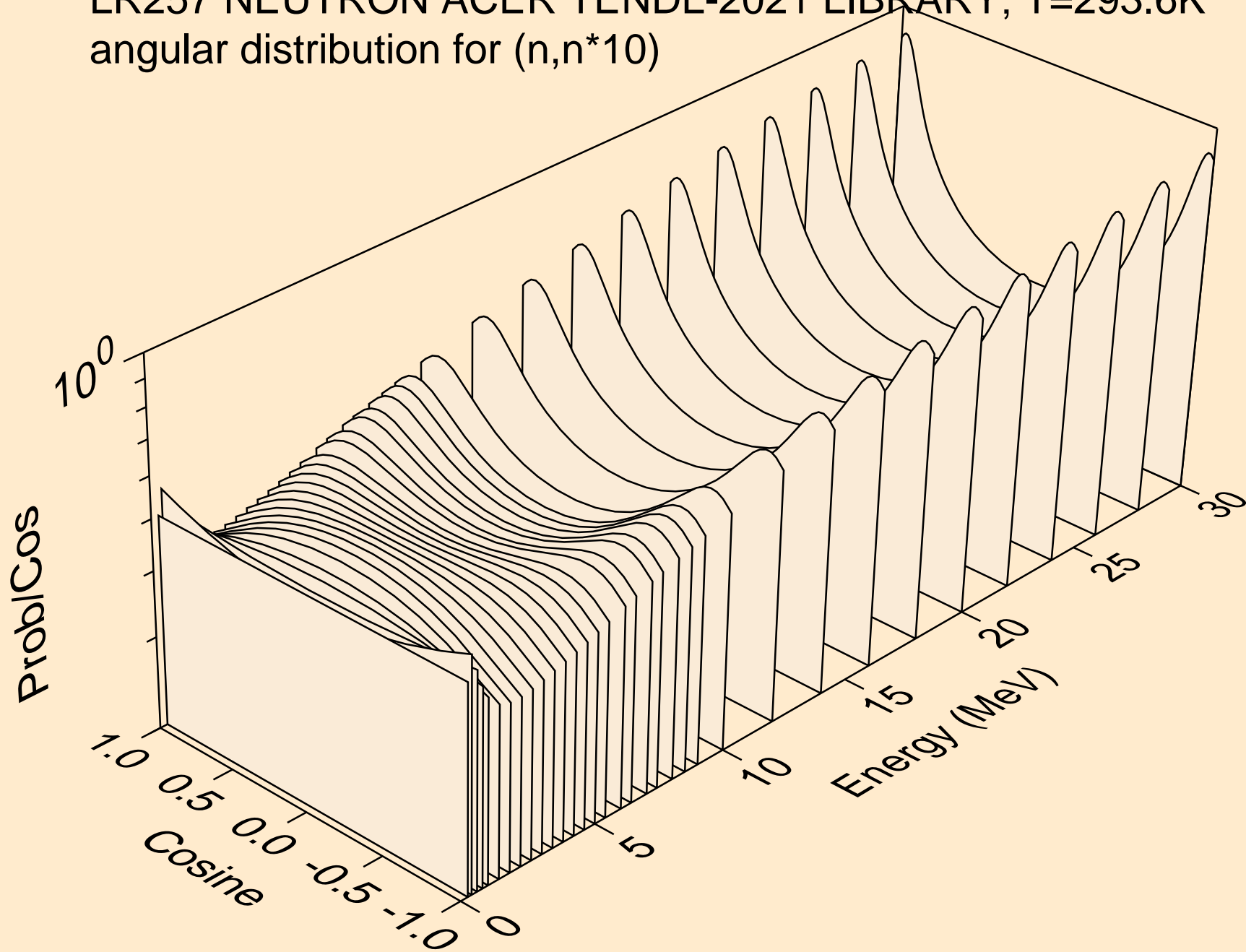
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angular distribution for (n,n\*8)



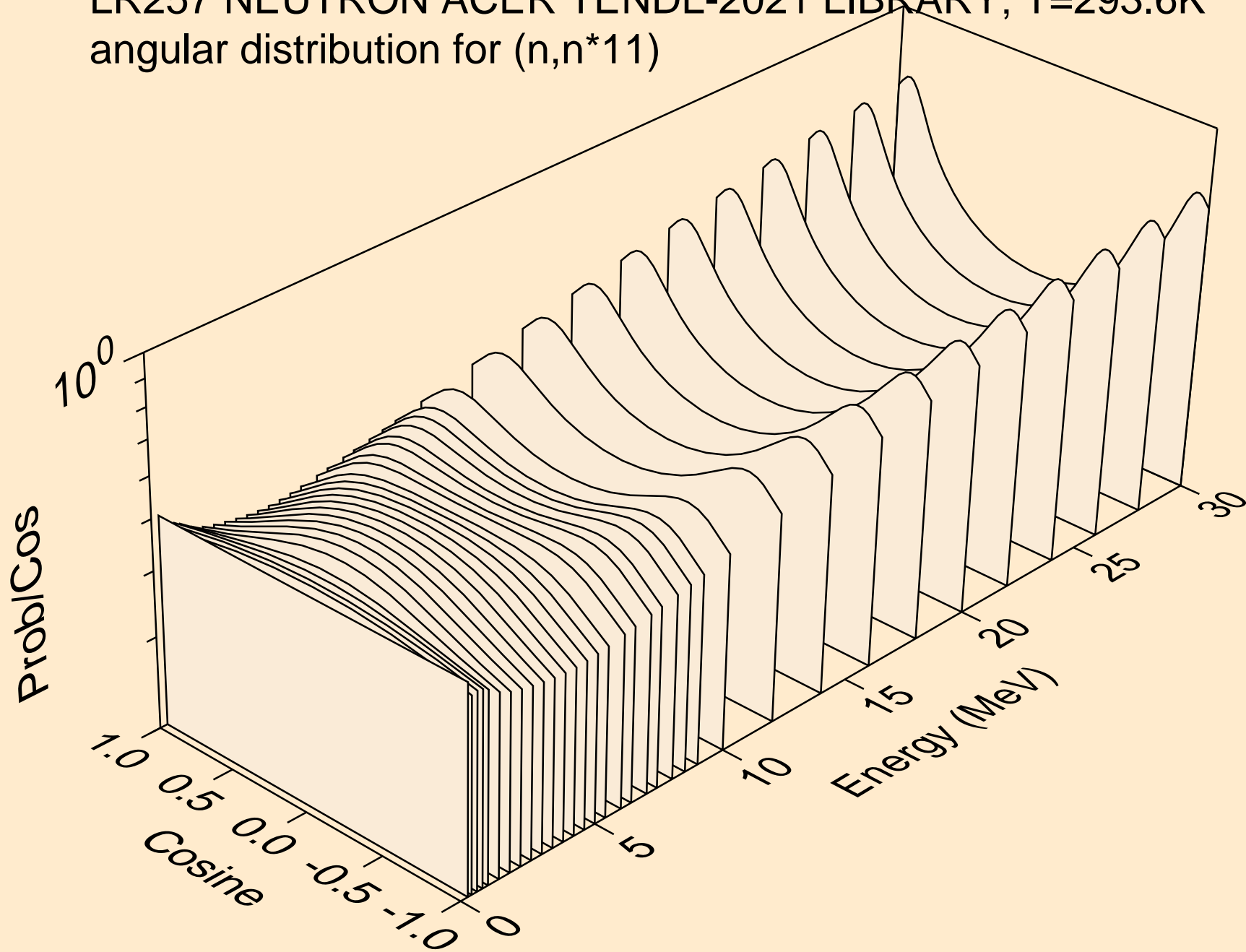
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angular distribution for (n,n\*9)



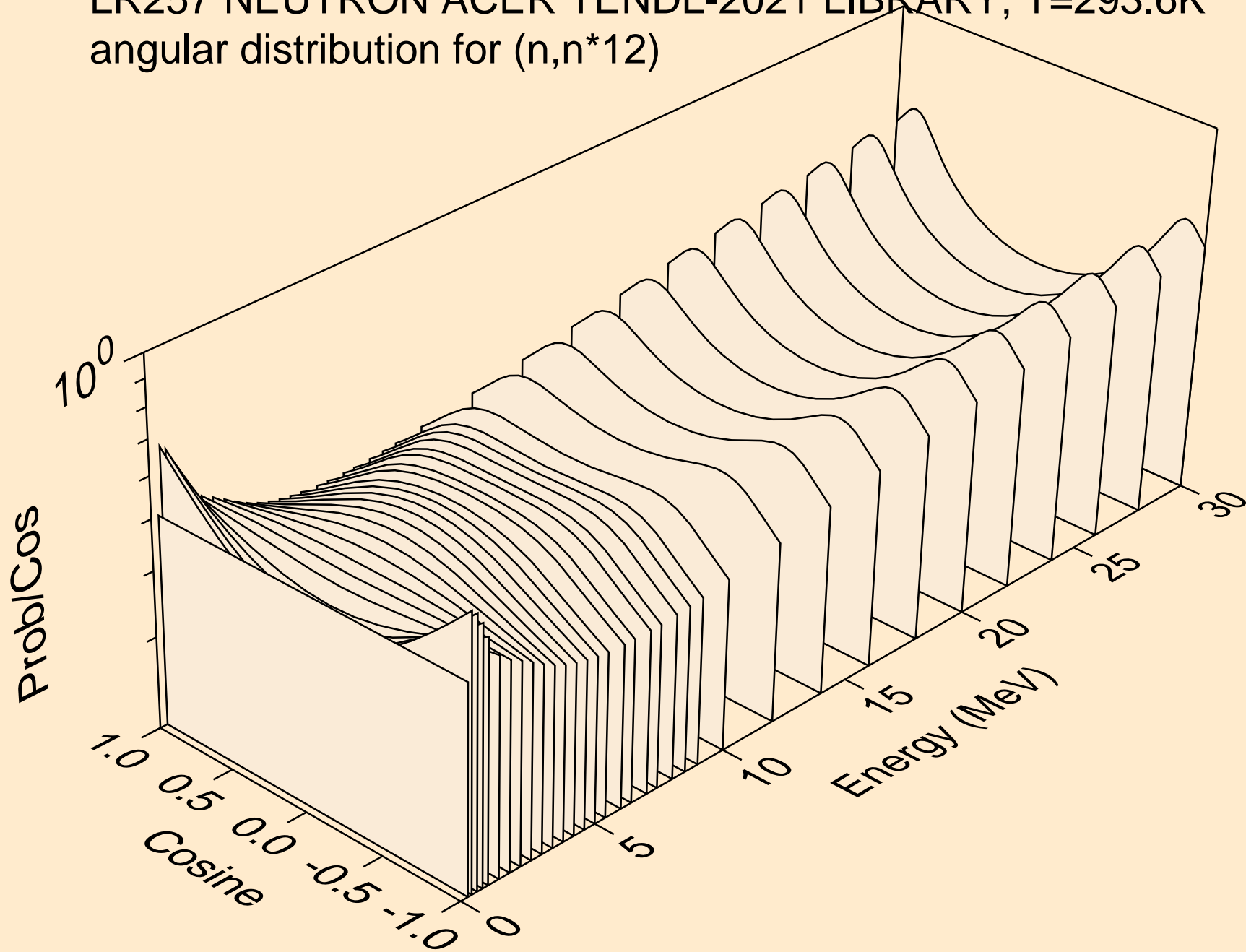
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angular distribution for (n,n\*10)



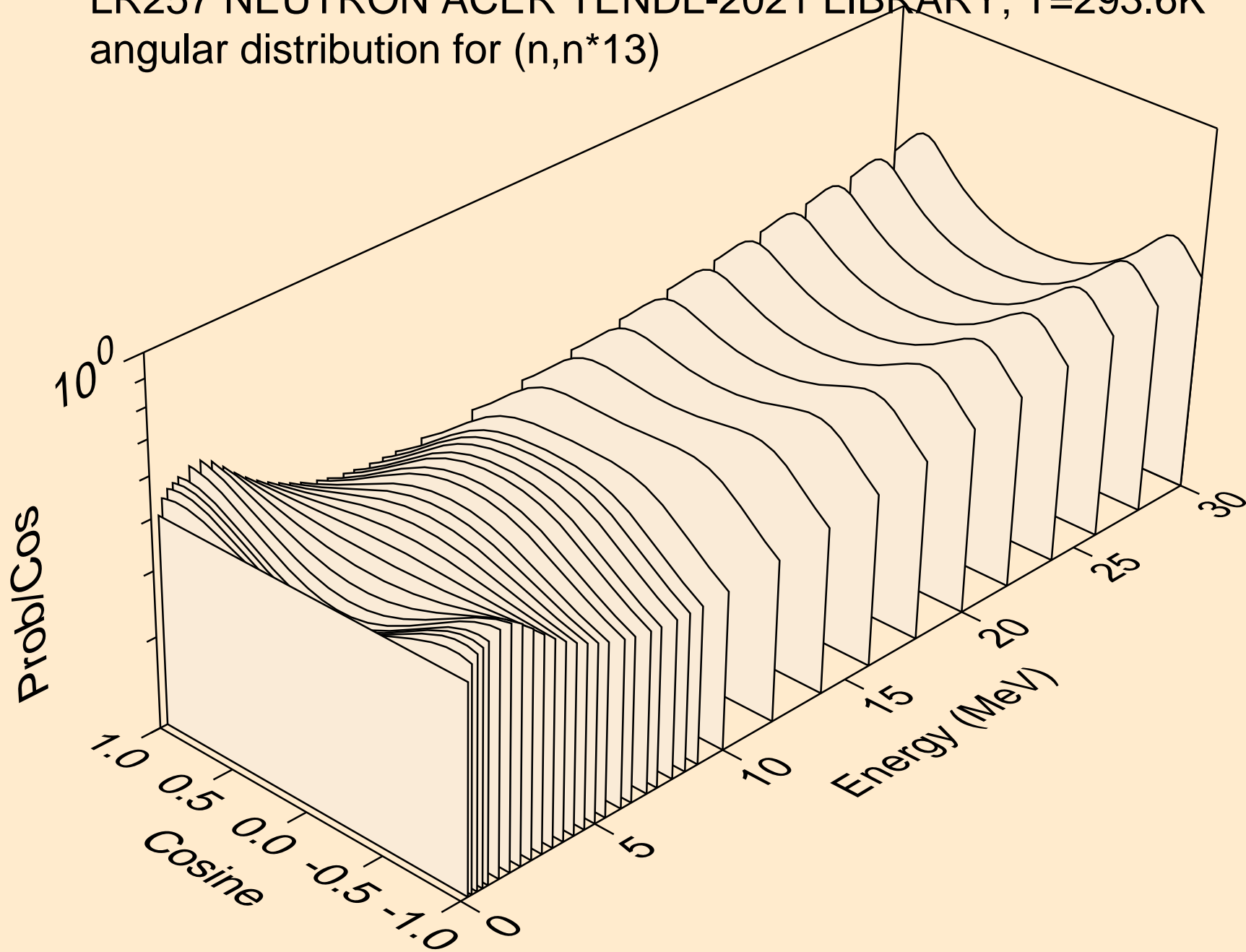
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)

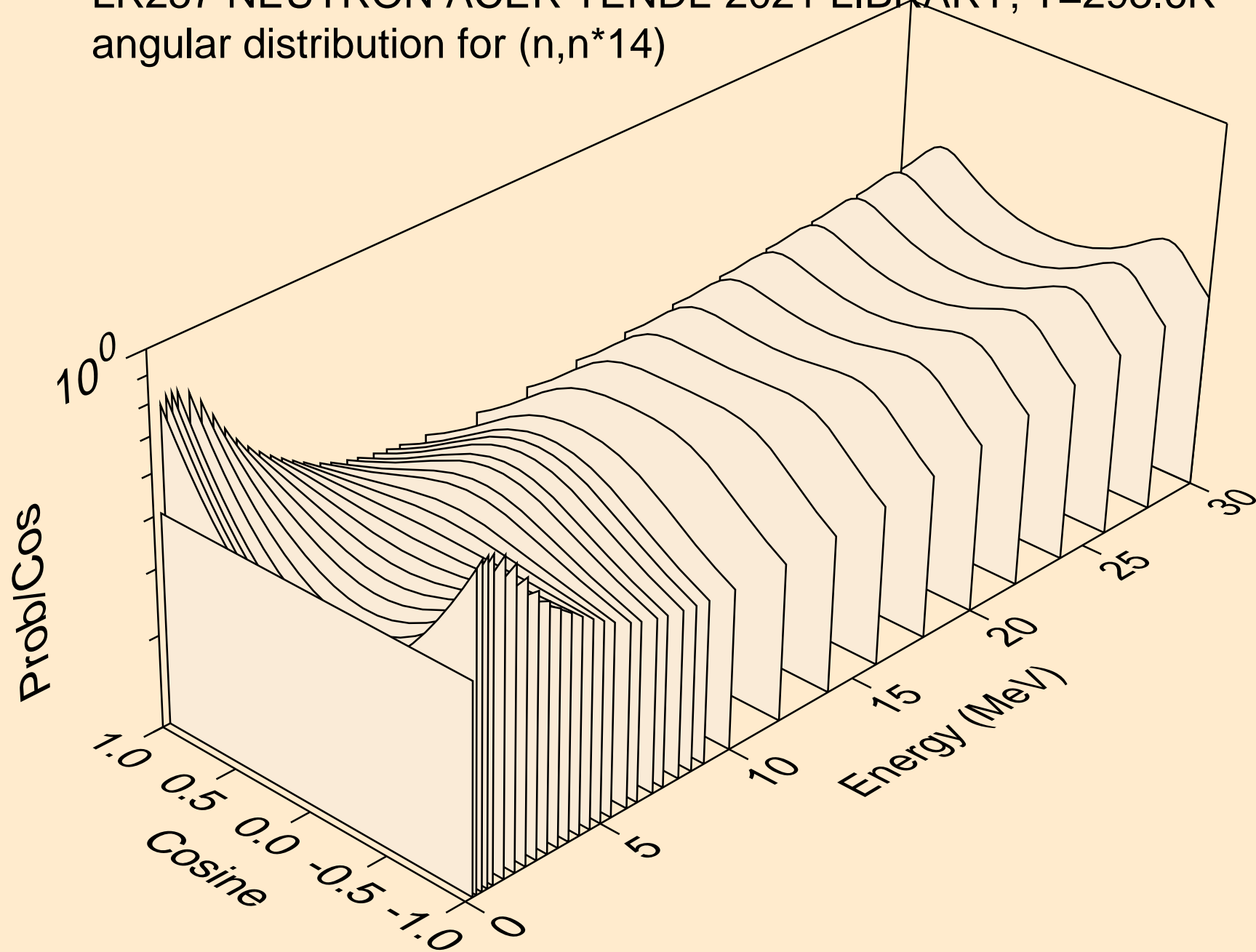


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

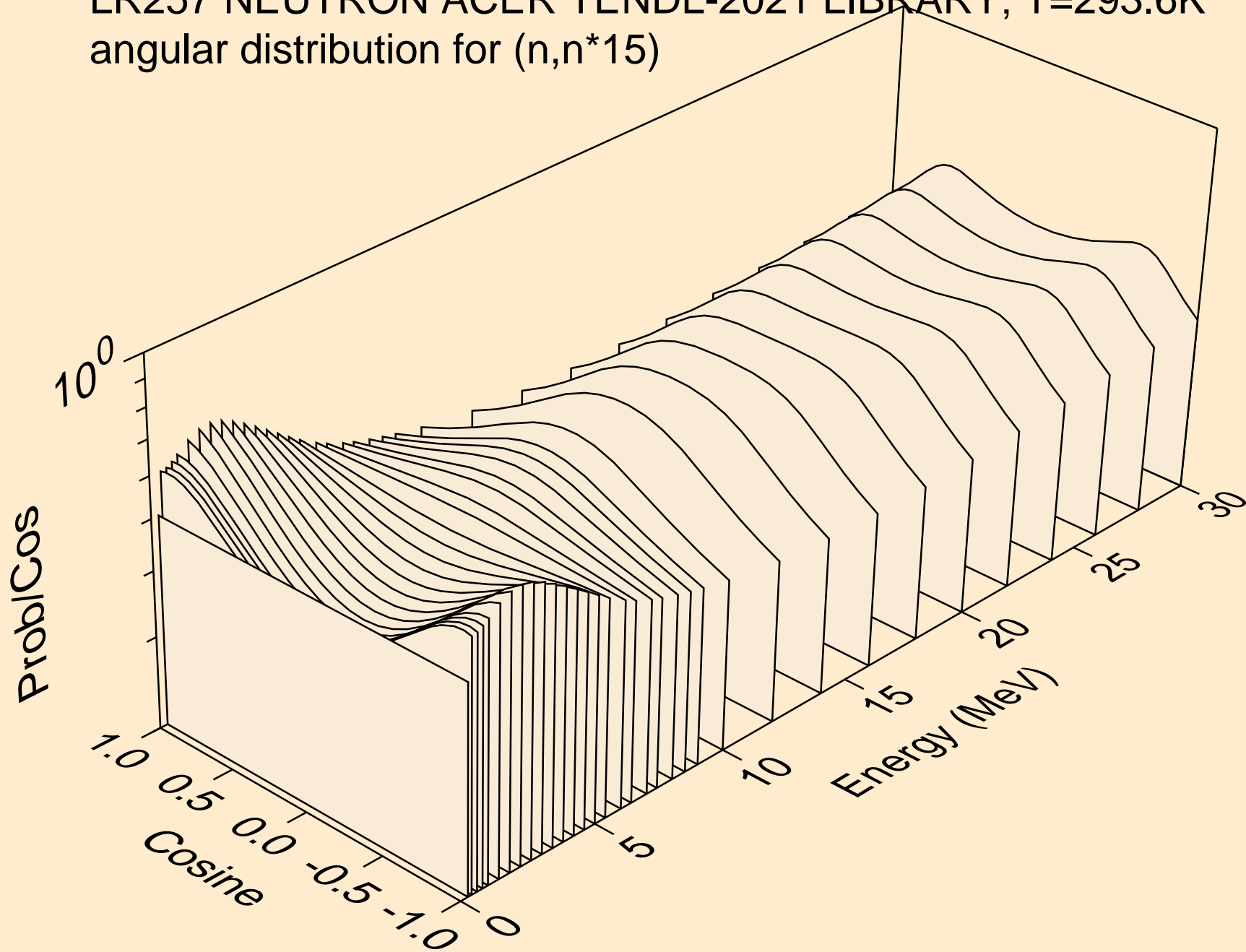




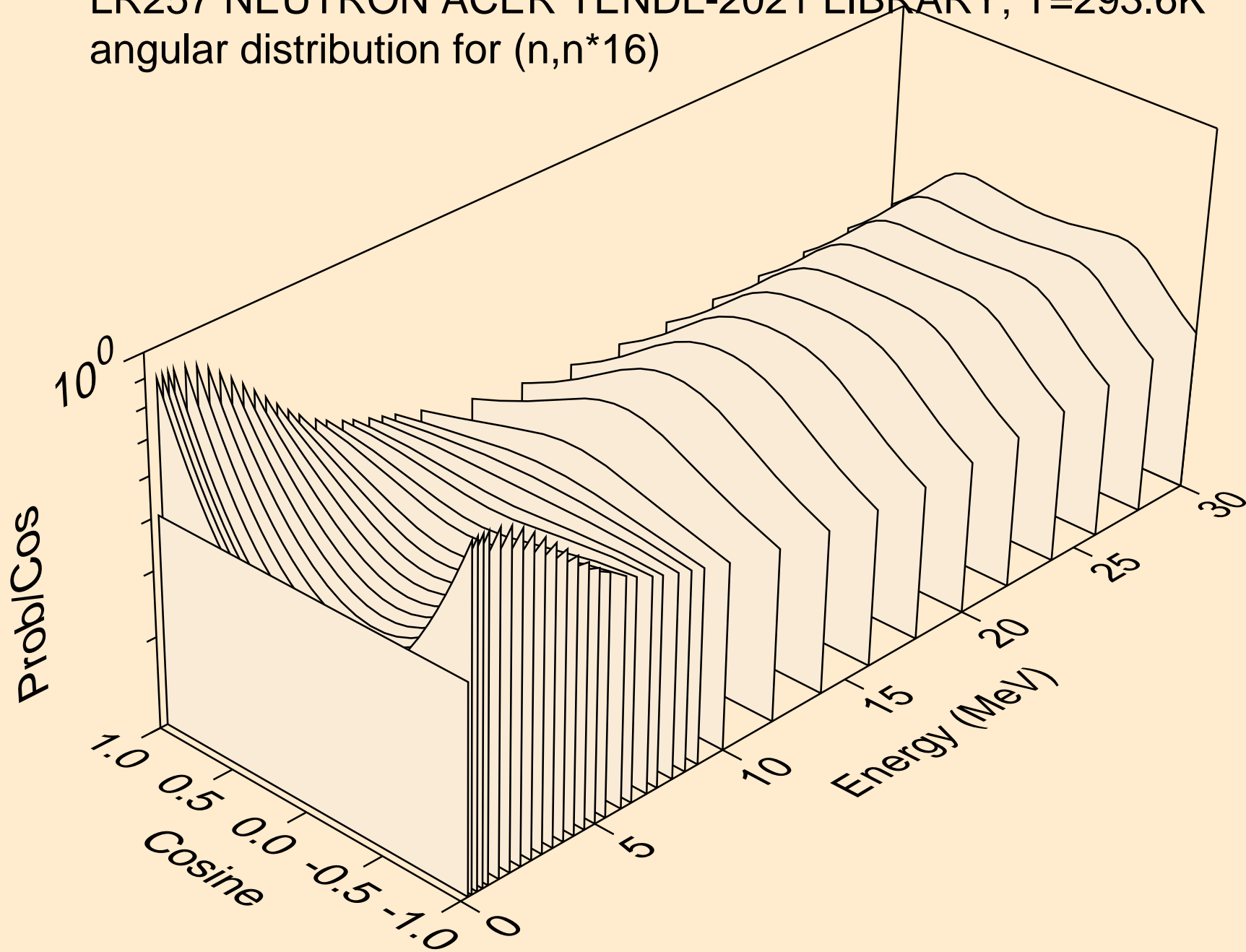
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angular distribution for (n,n\*14)



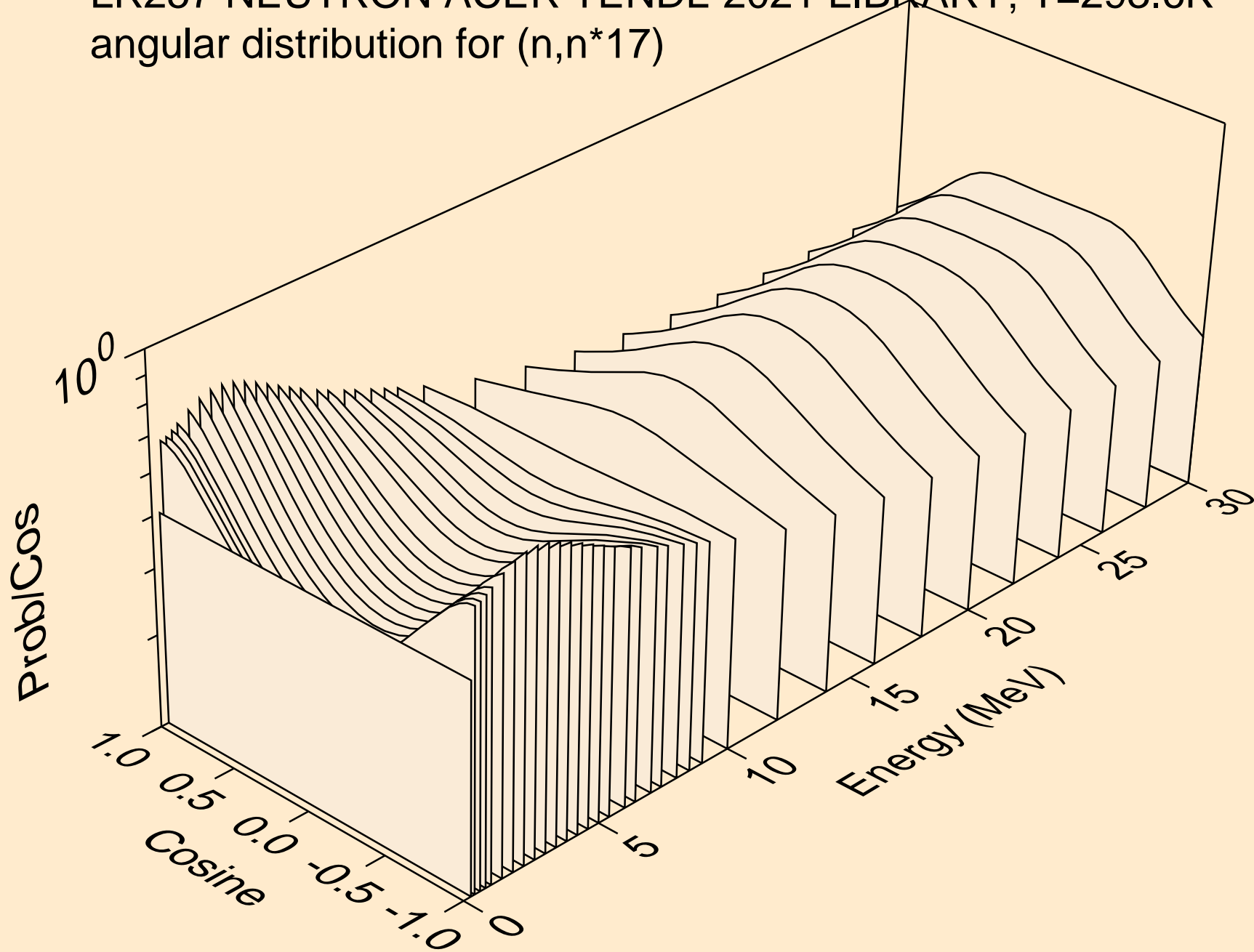
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angular distribution for (n,n\*15)



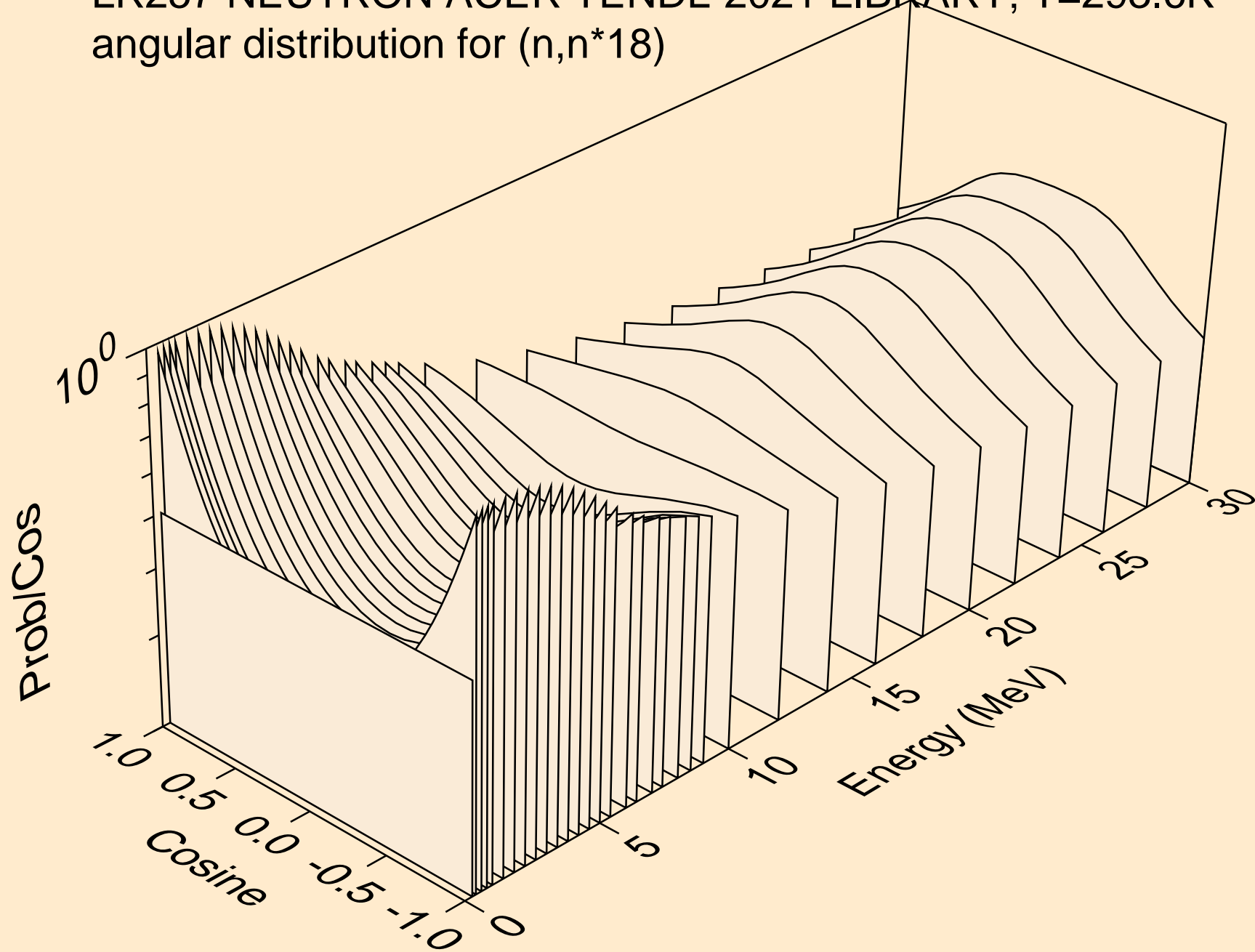
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angular distribution for (n,n\*16)



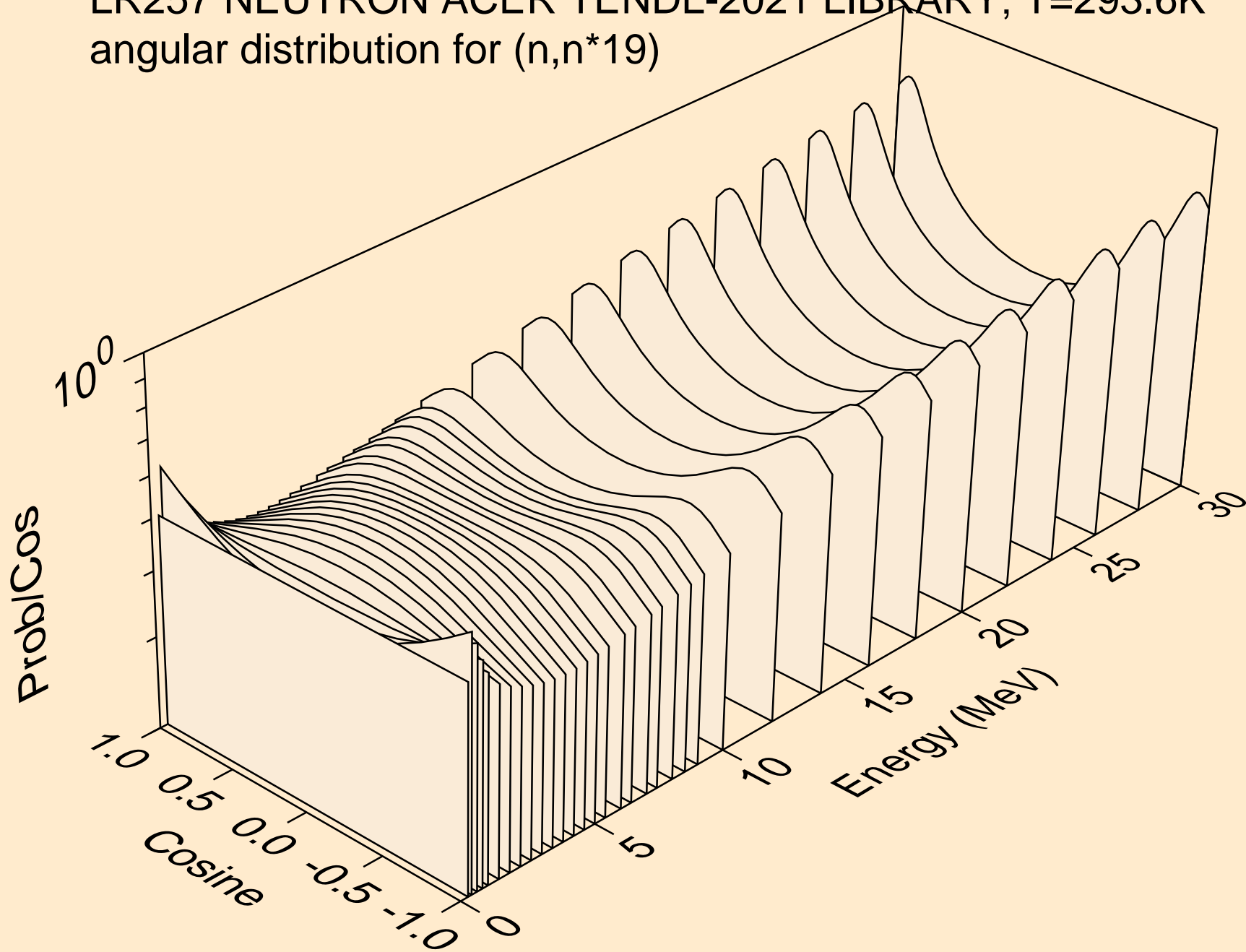
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angular distribution for (n,n\*17)



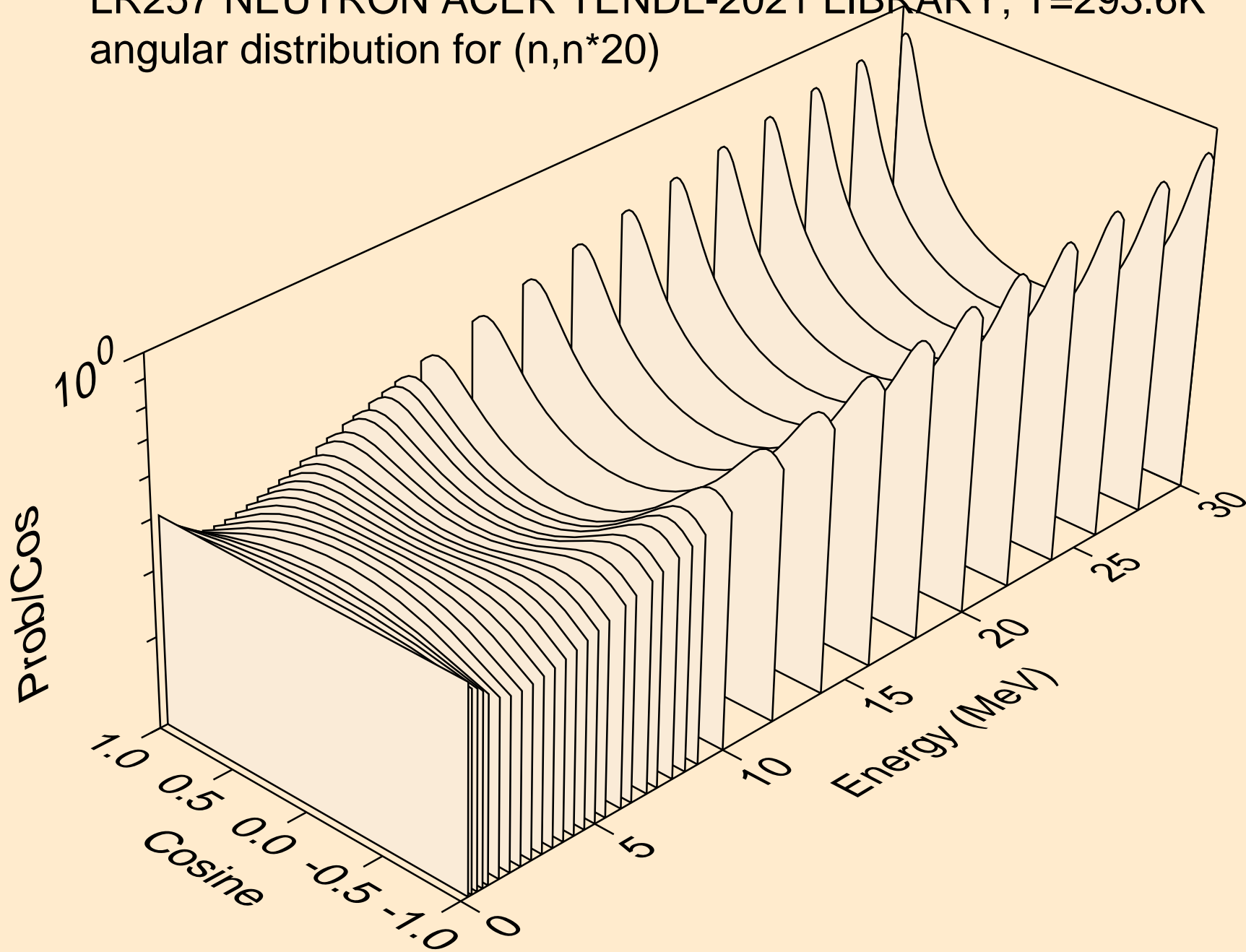
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angular distribution for (n,n\*18)



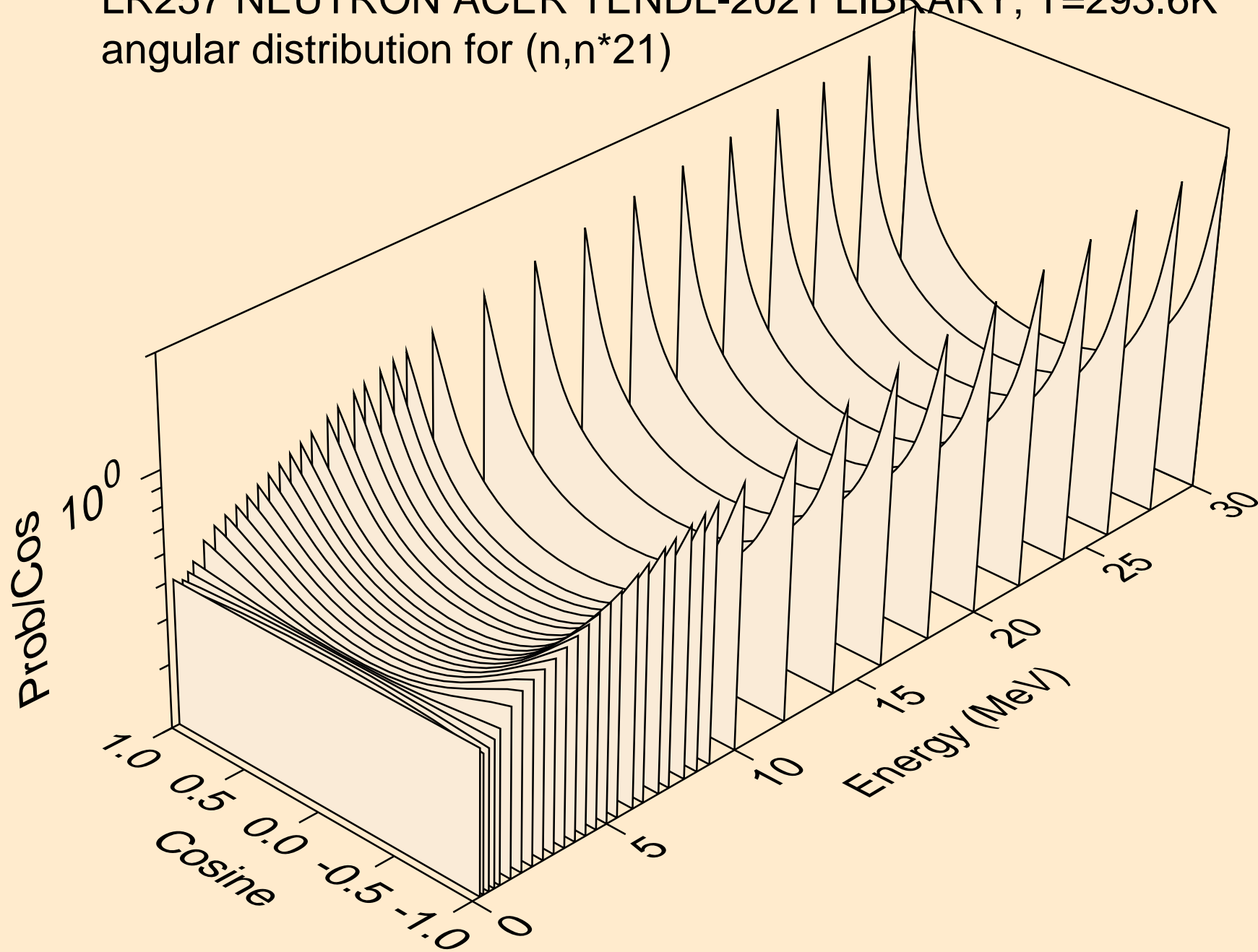
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)

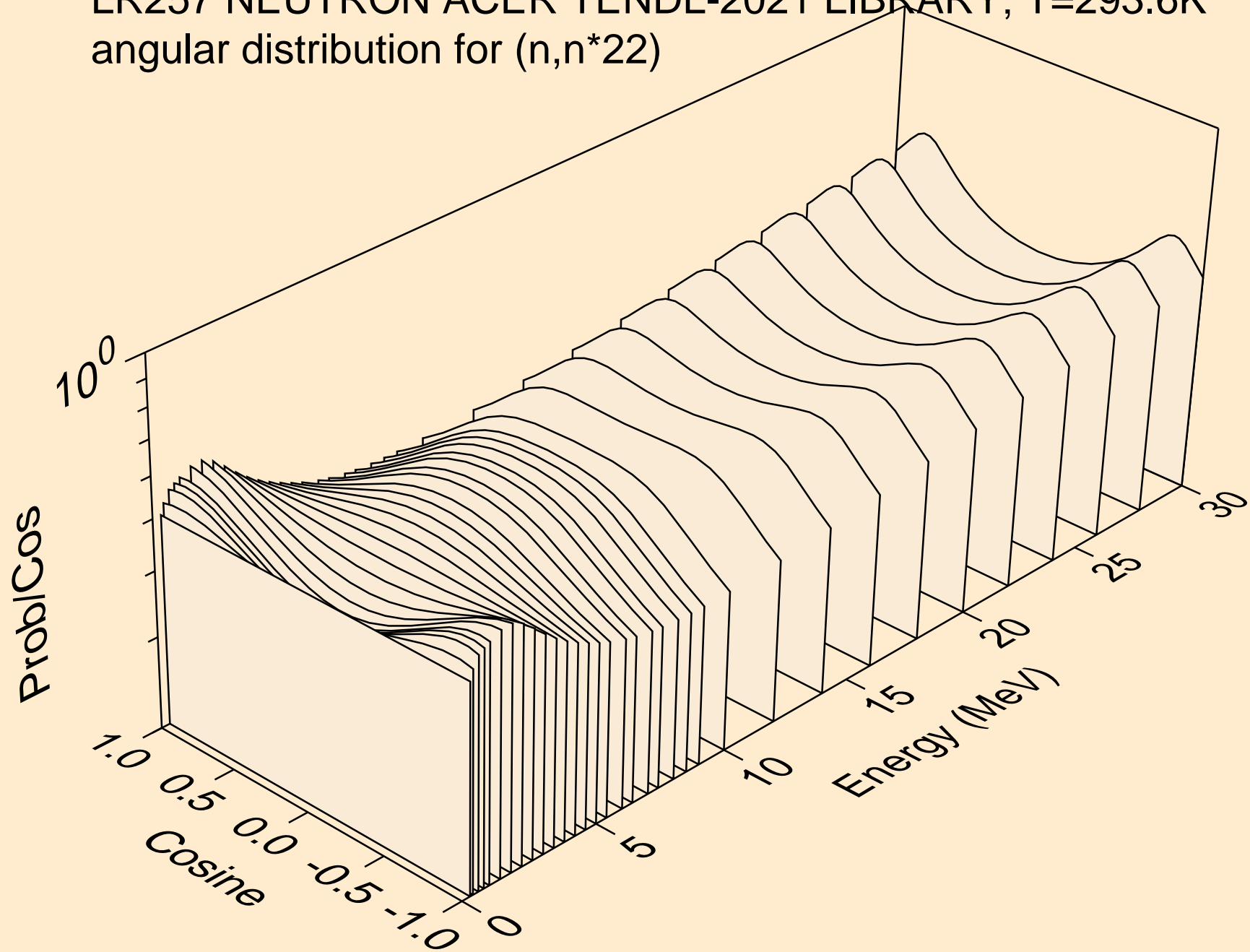


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angular distribution for (n,n\*21)

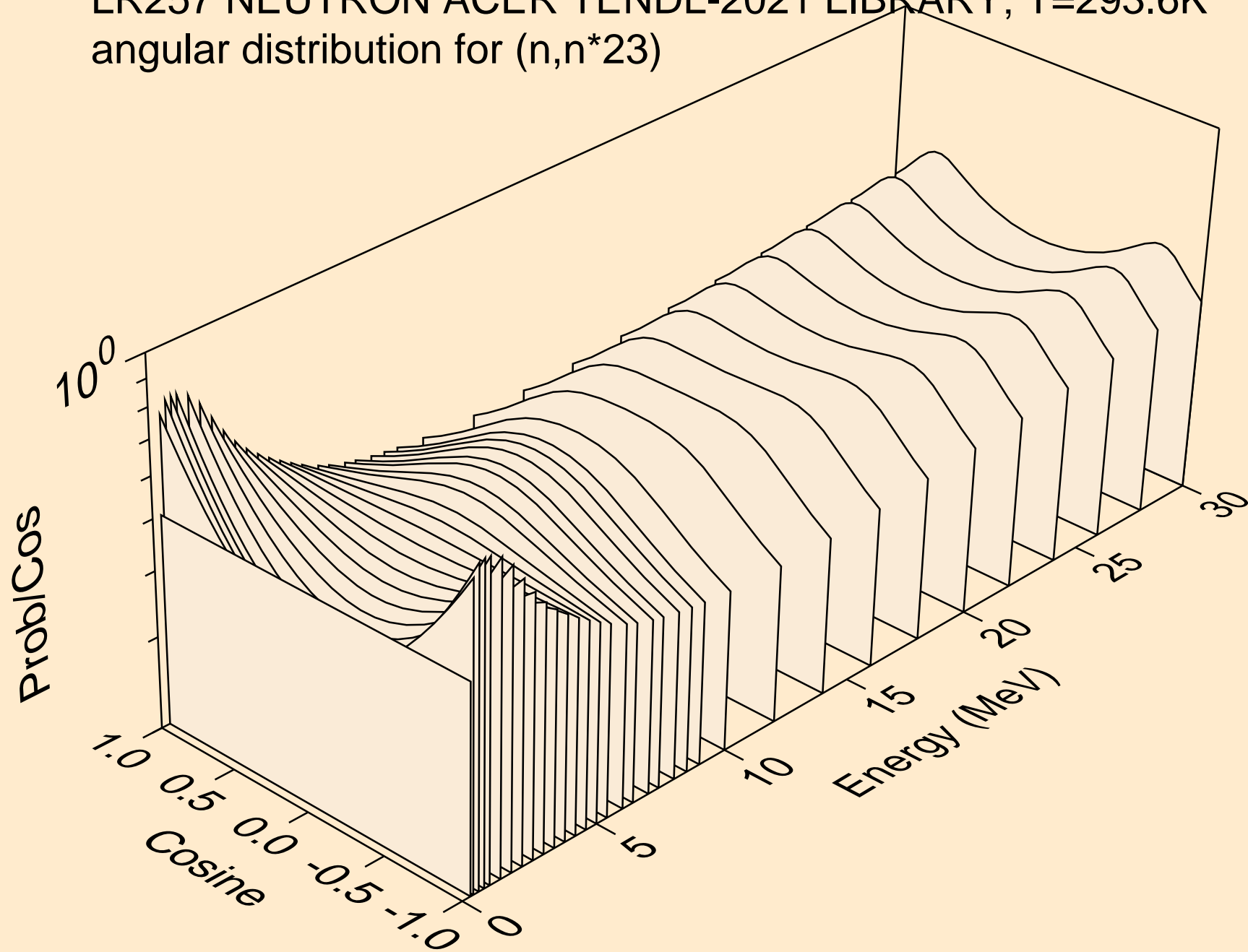




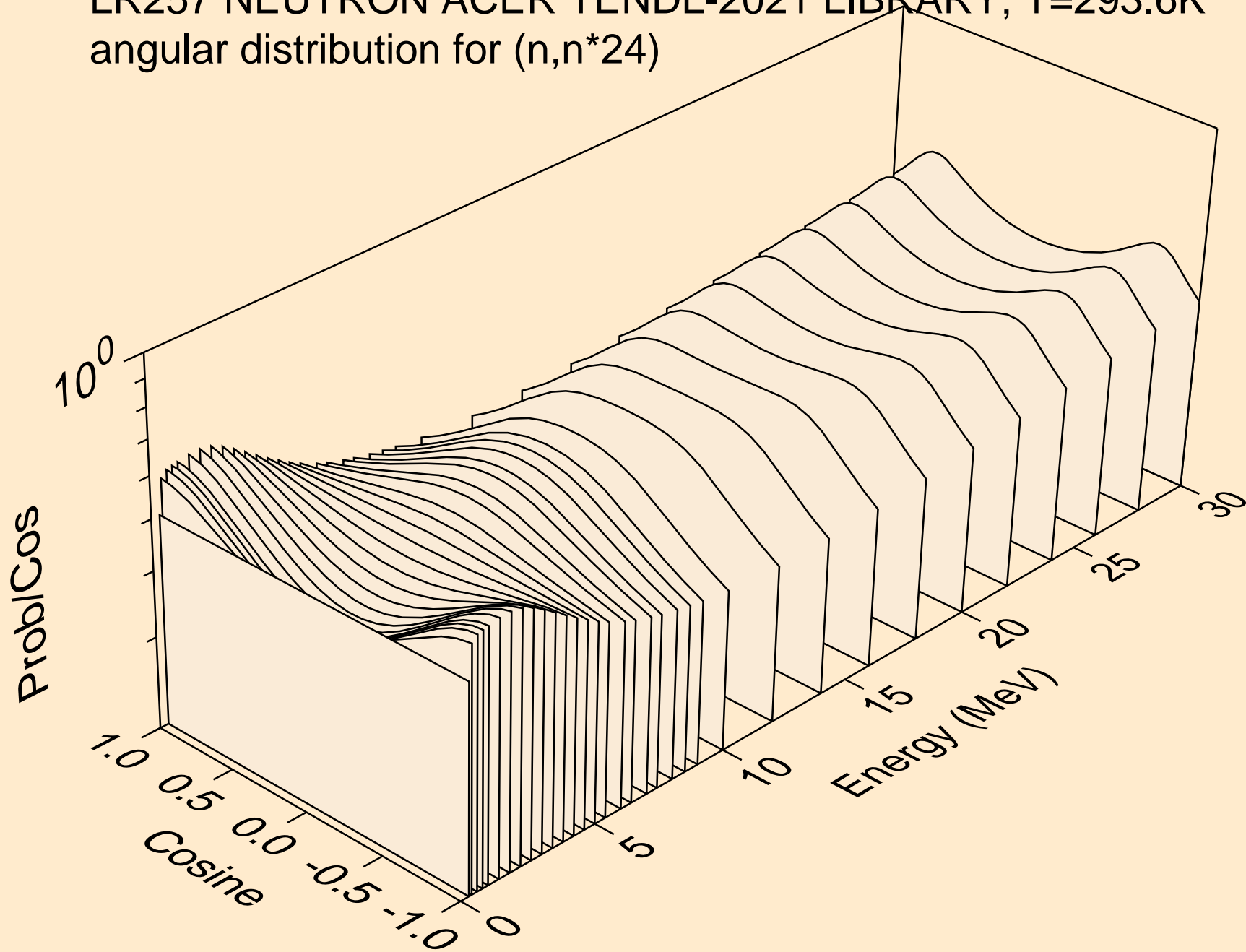
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angular distribution for (n,n\*22)



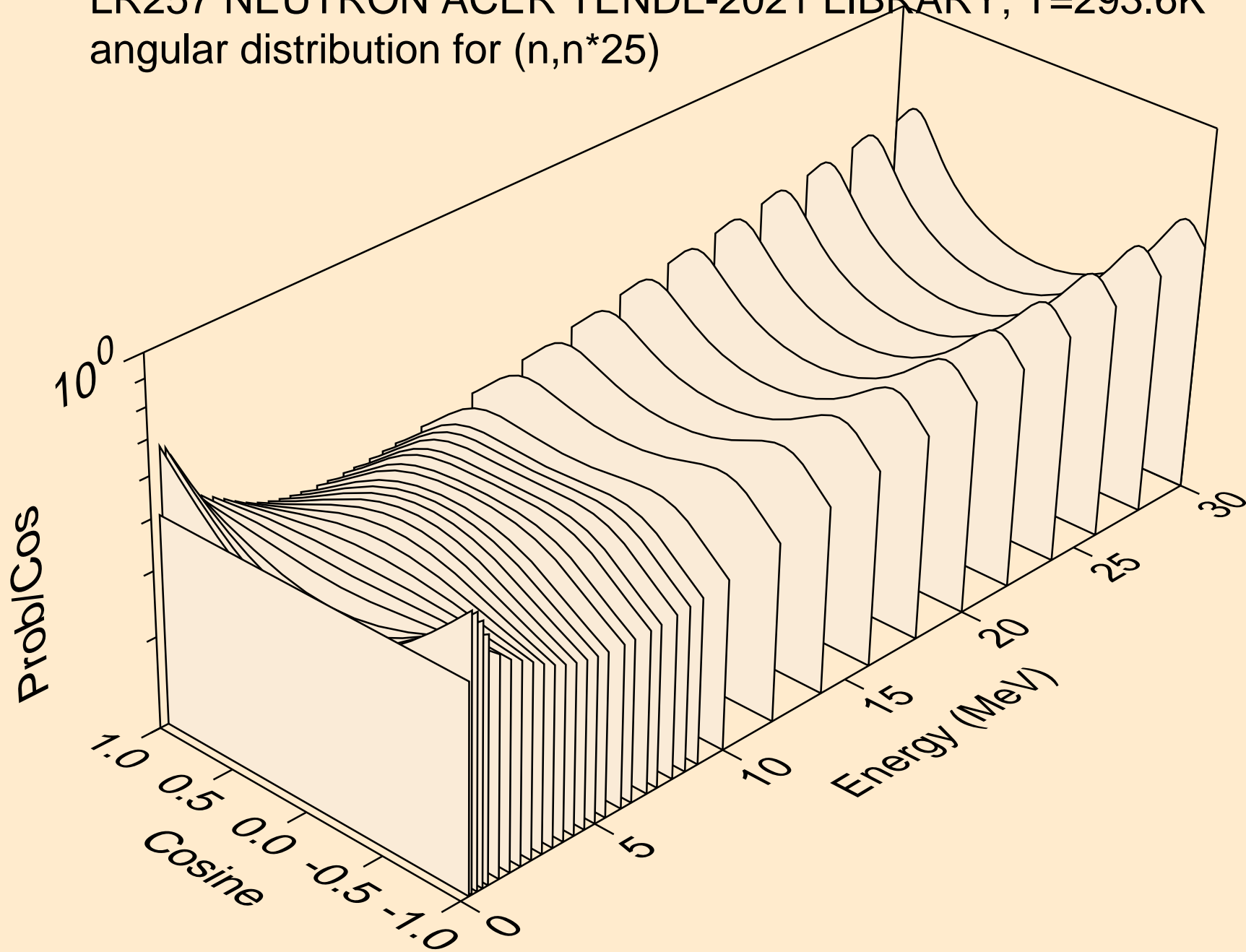
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angular distribution for (n,n\*23)



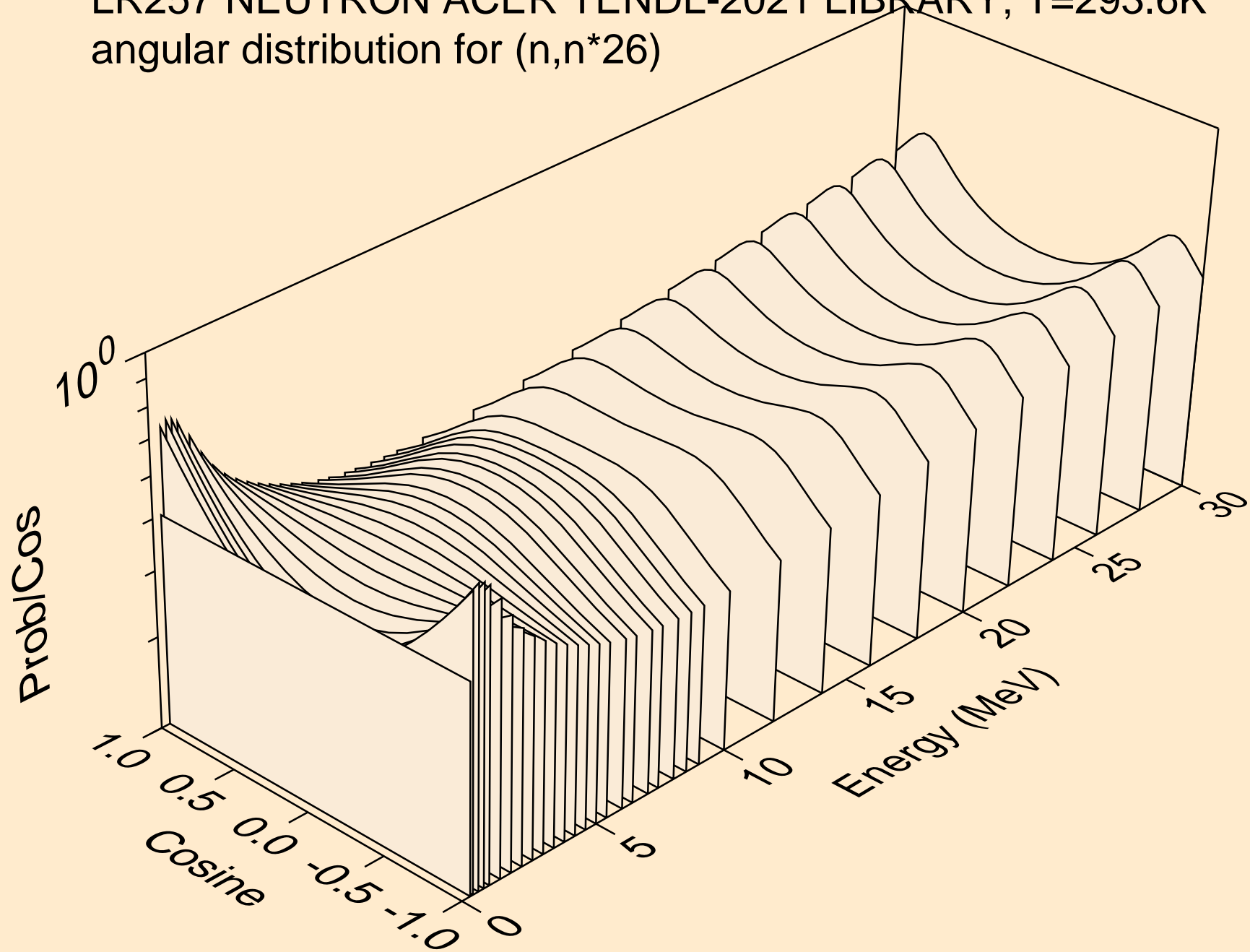
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angular distribution for (n,n\*24)



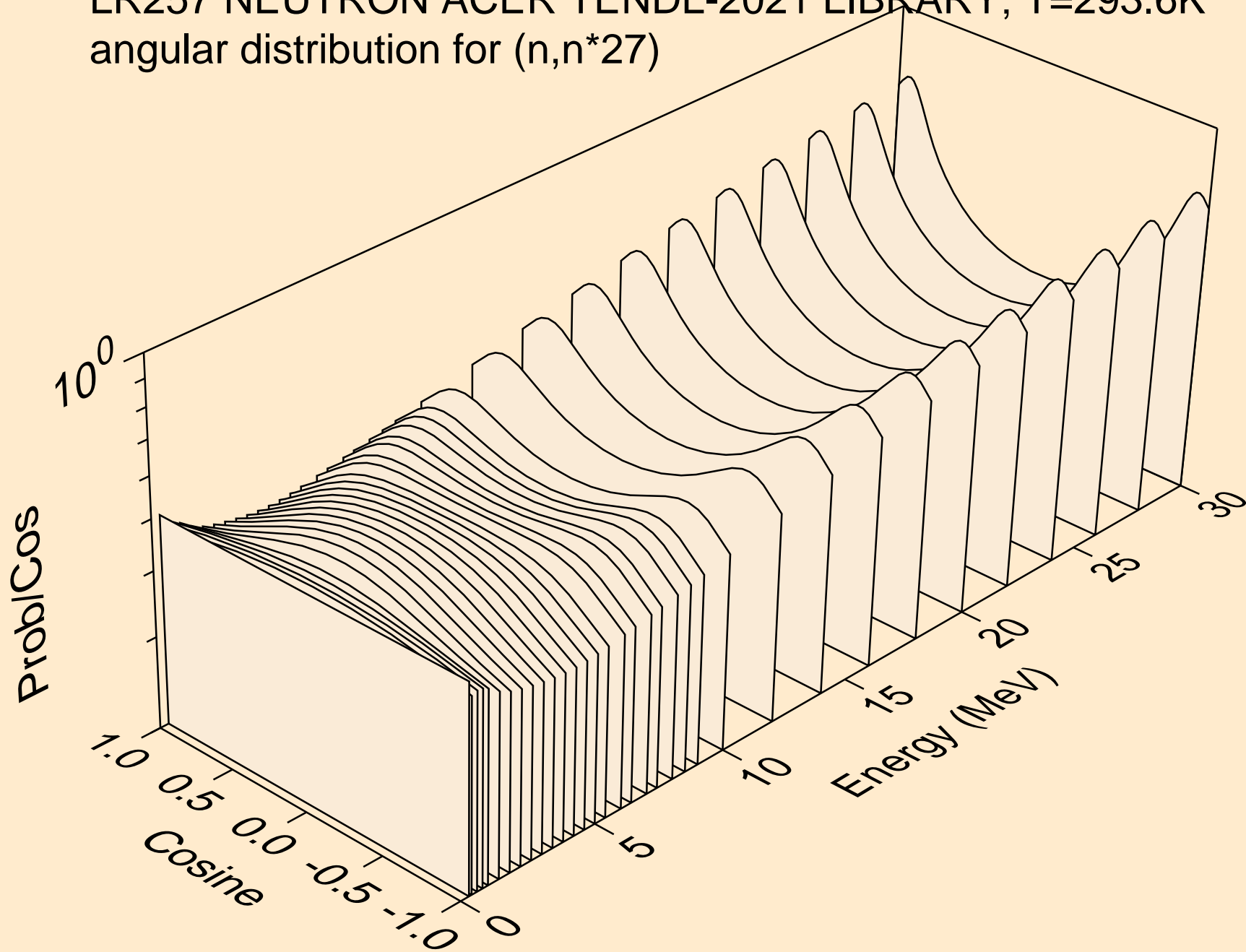
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angular distribution for (n,n\*25)



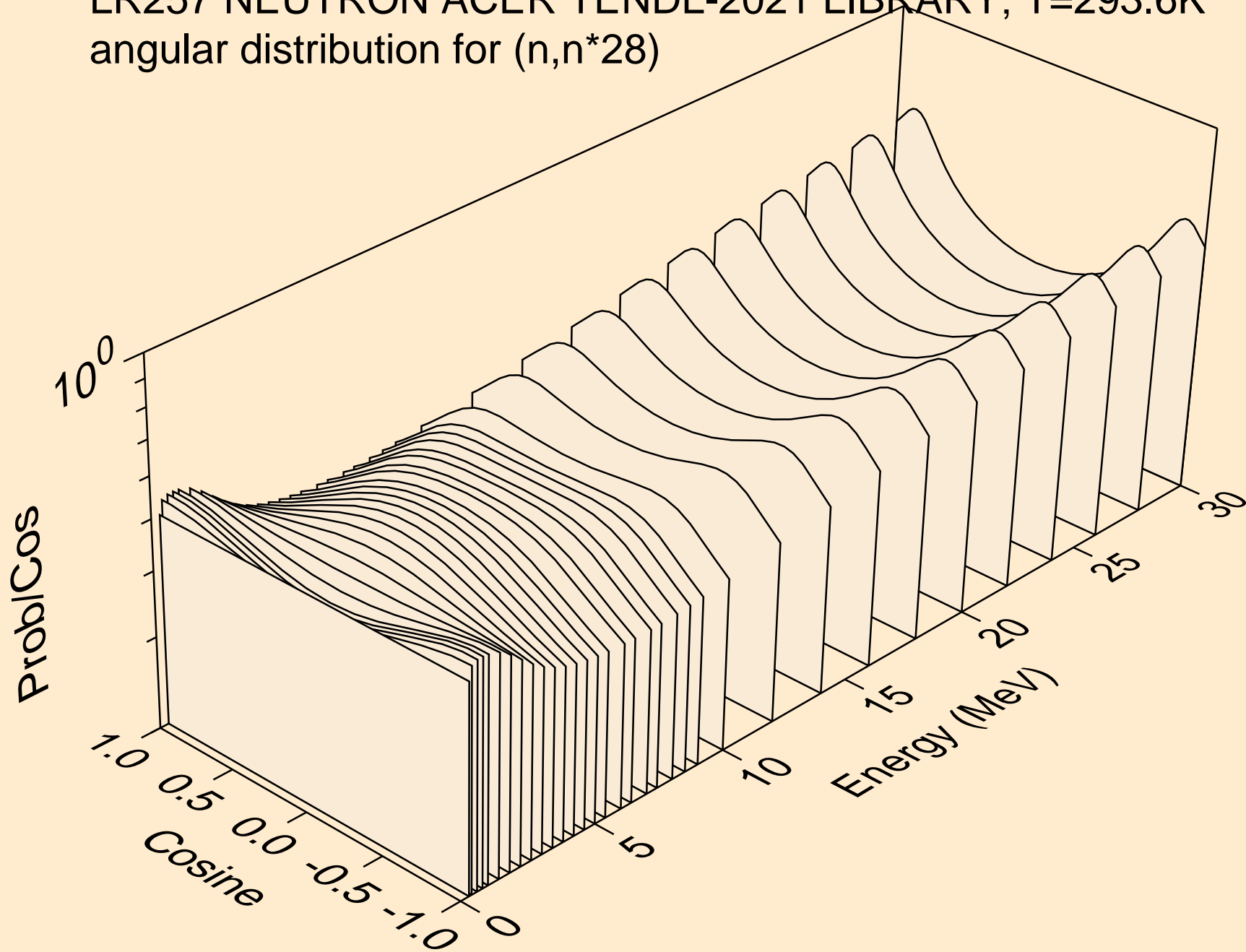
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angular distribution for (n,n\*26)



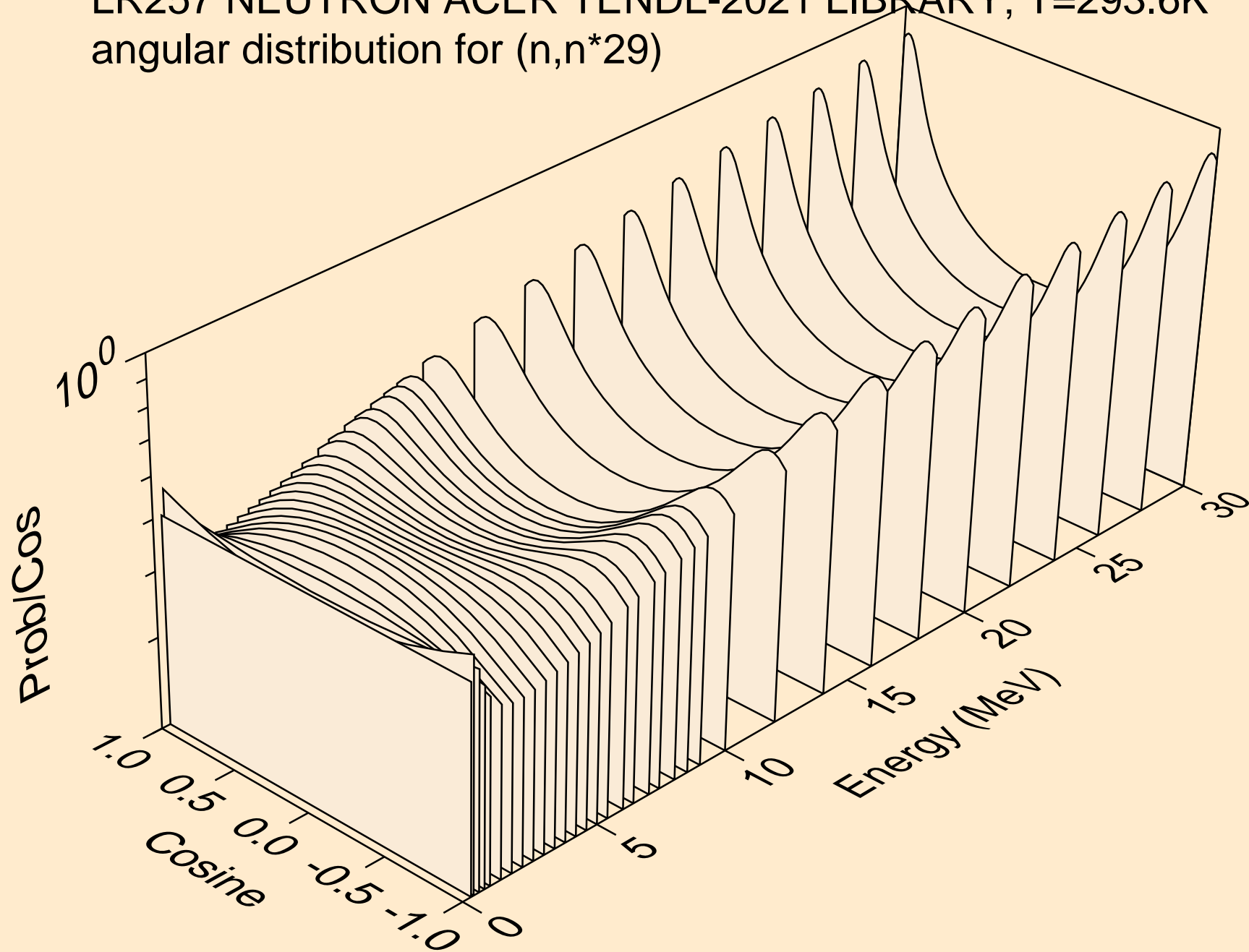
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)

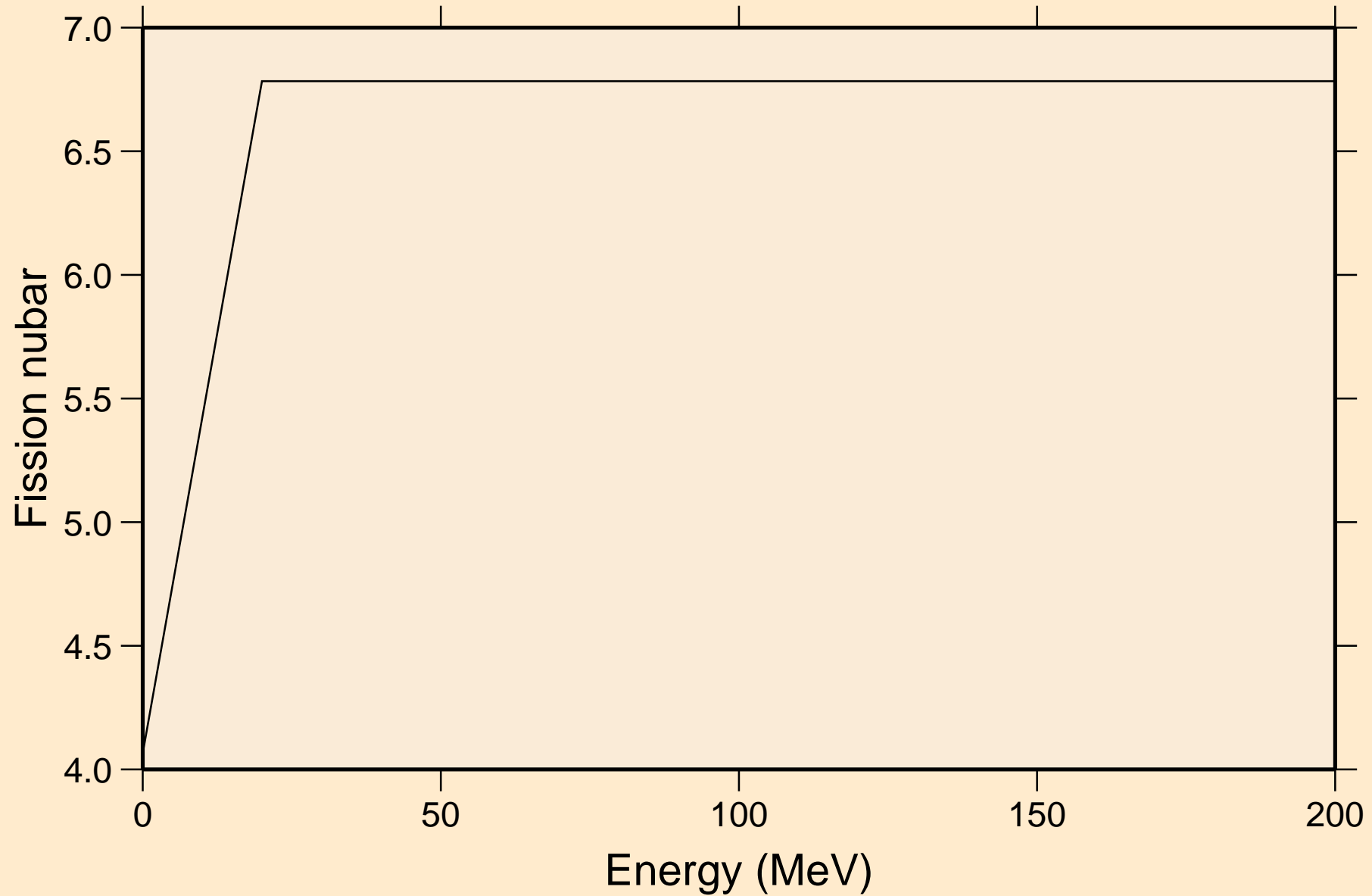


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

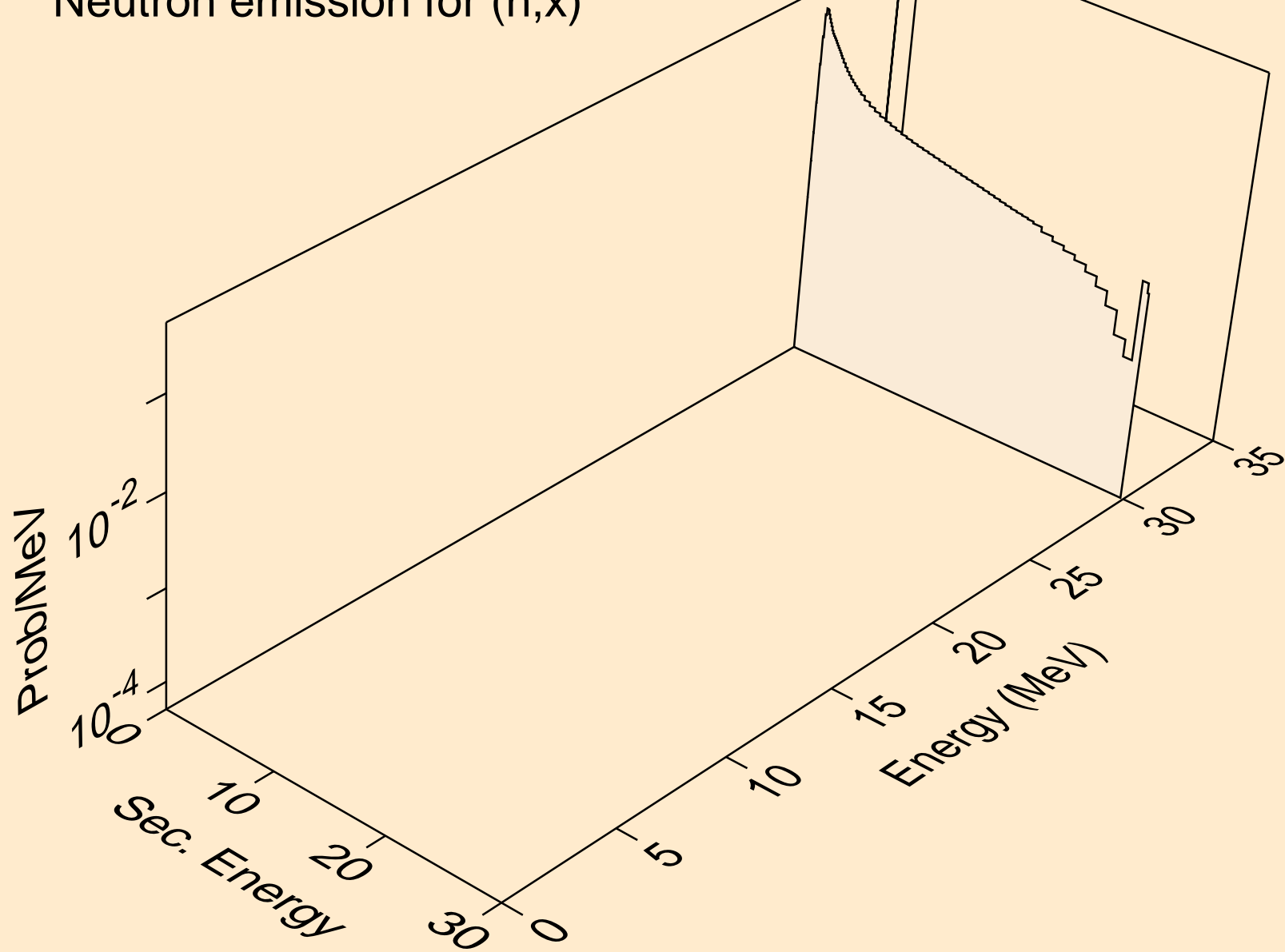




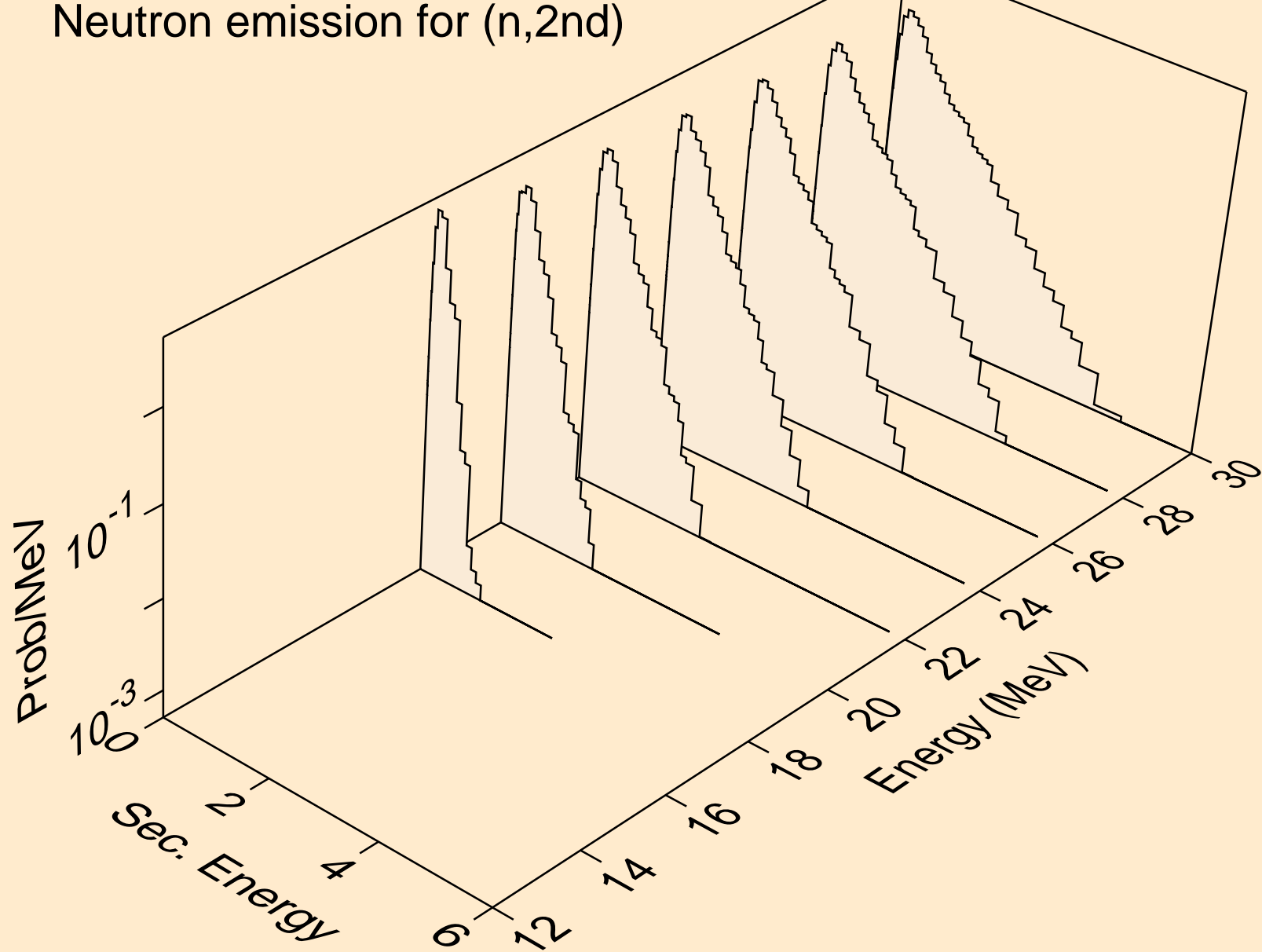
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



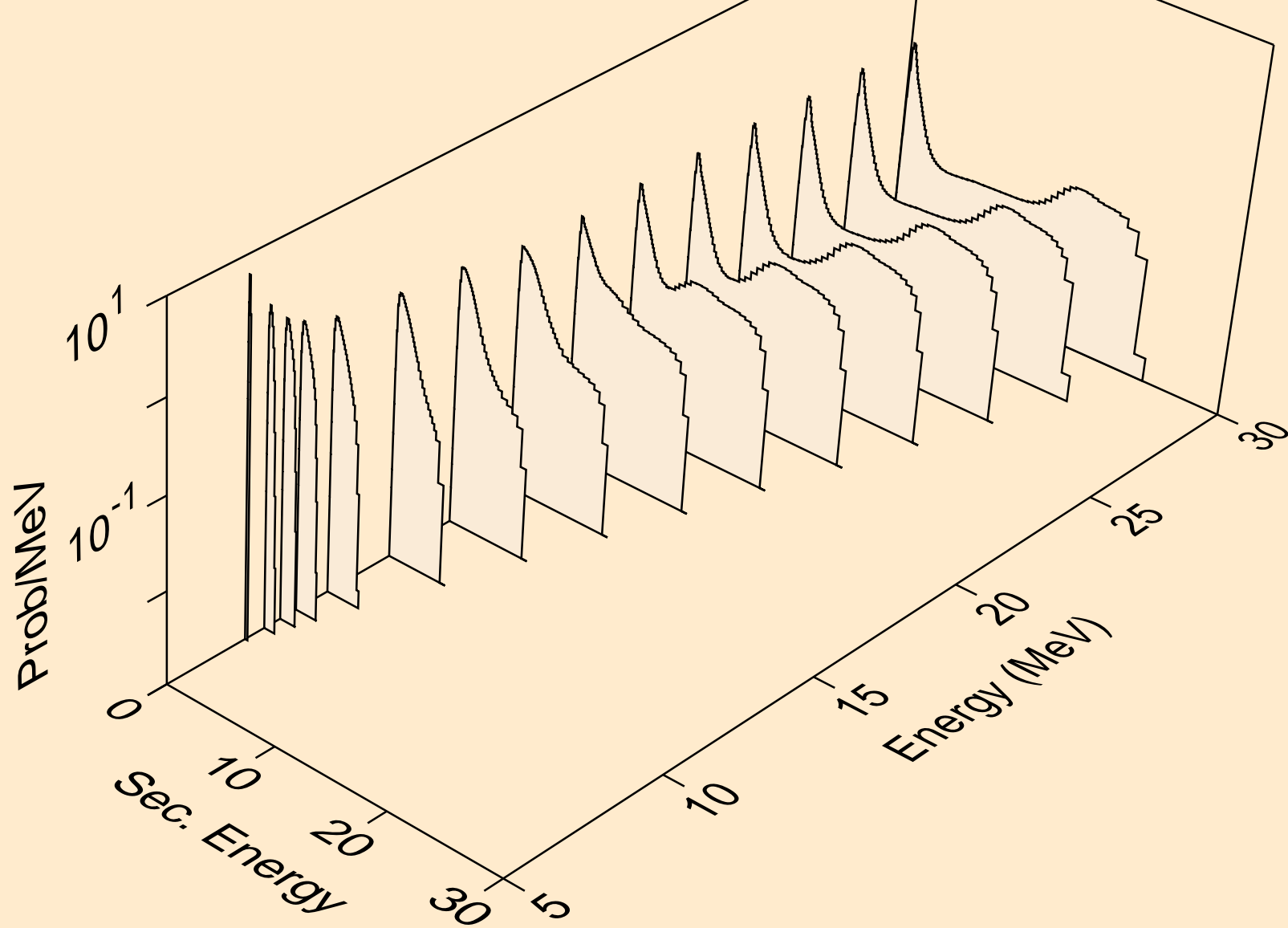
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



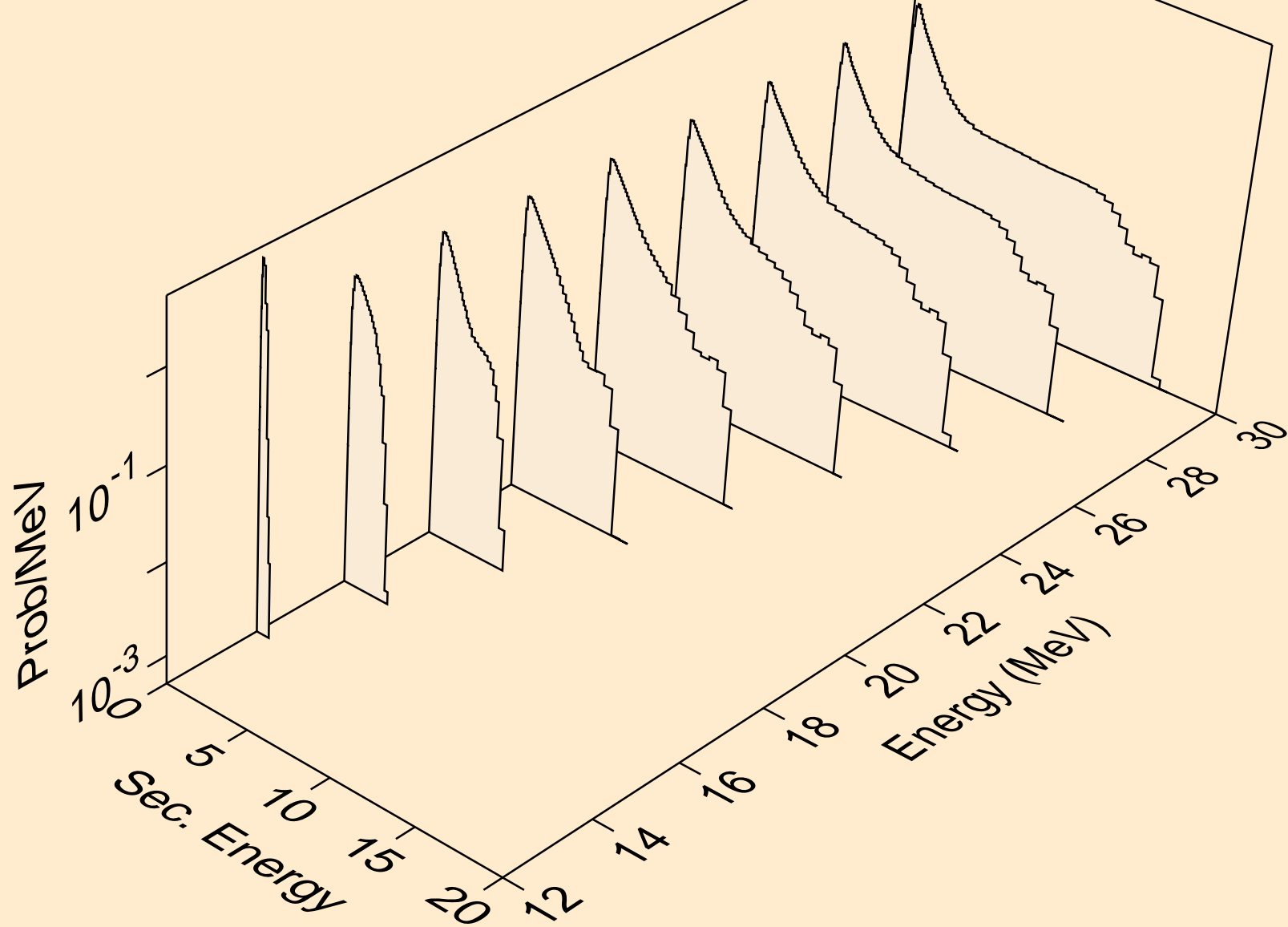
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



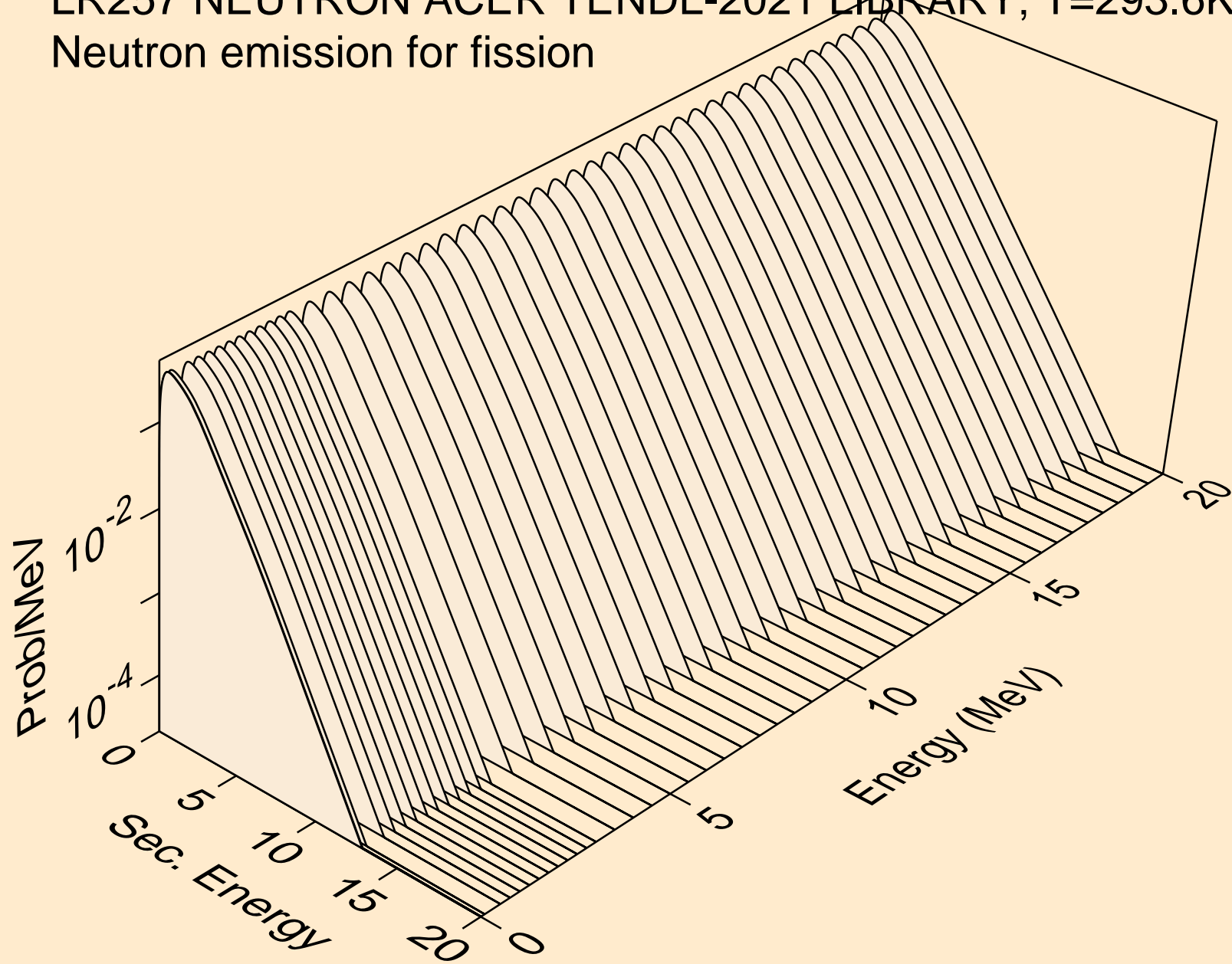
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



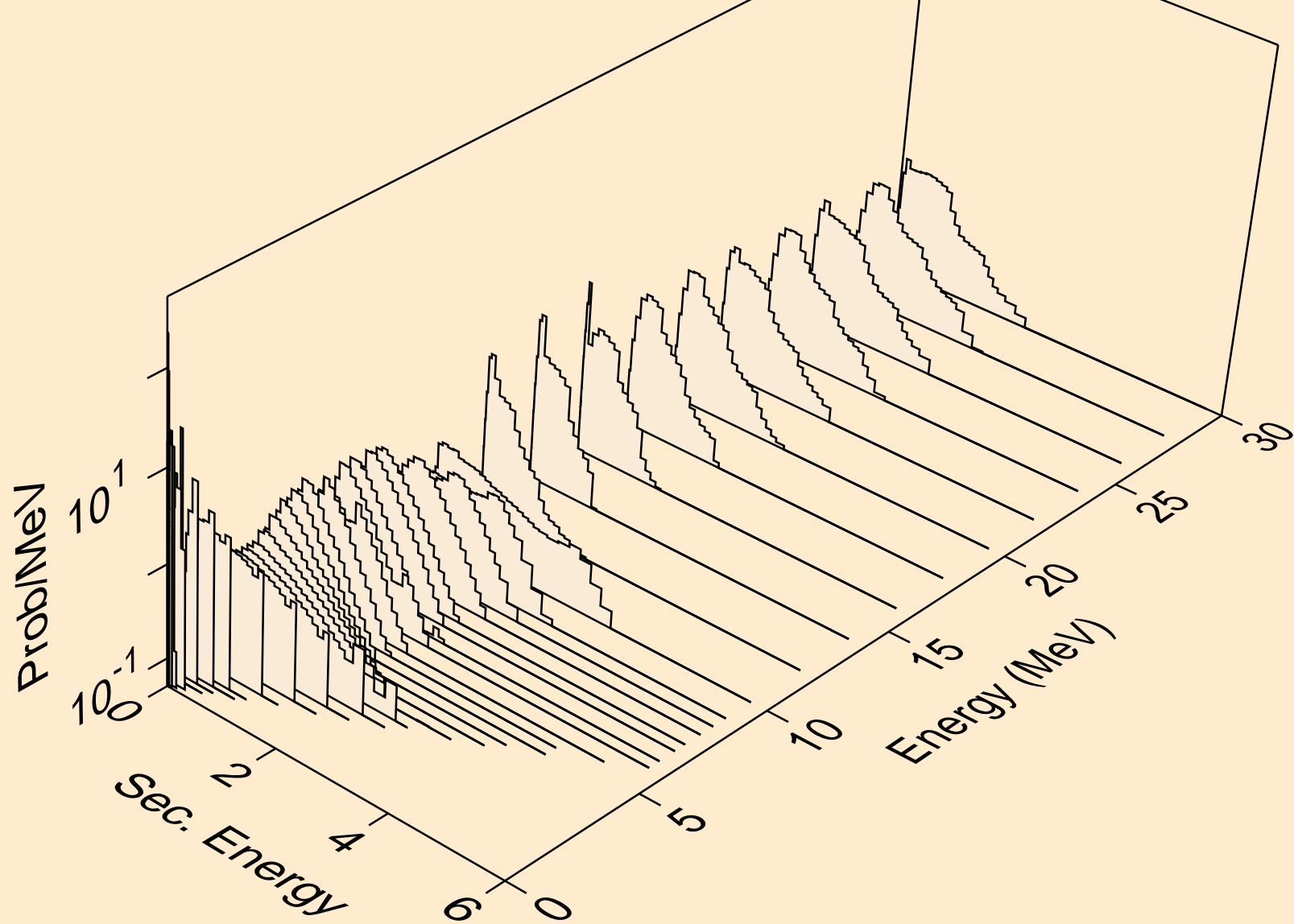
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



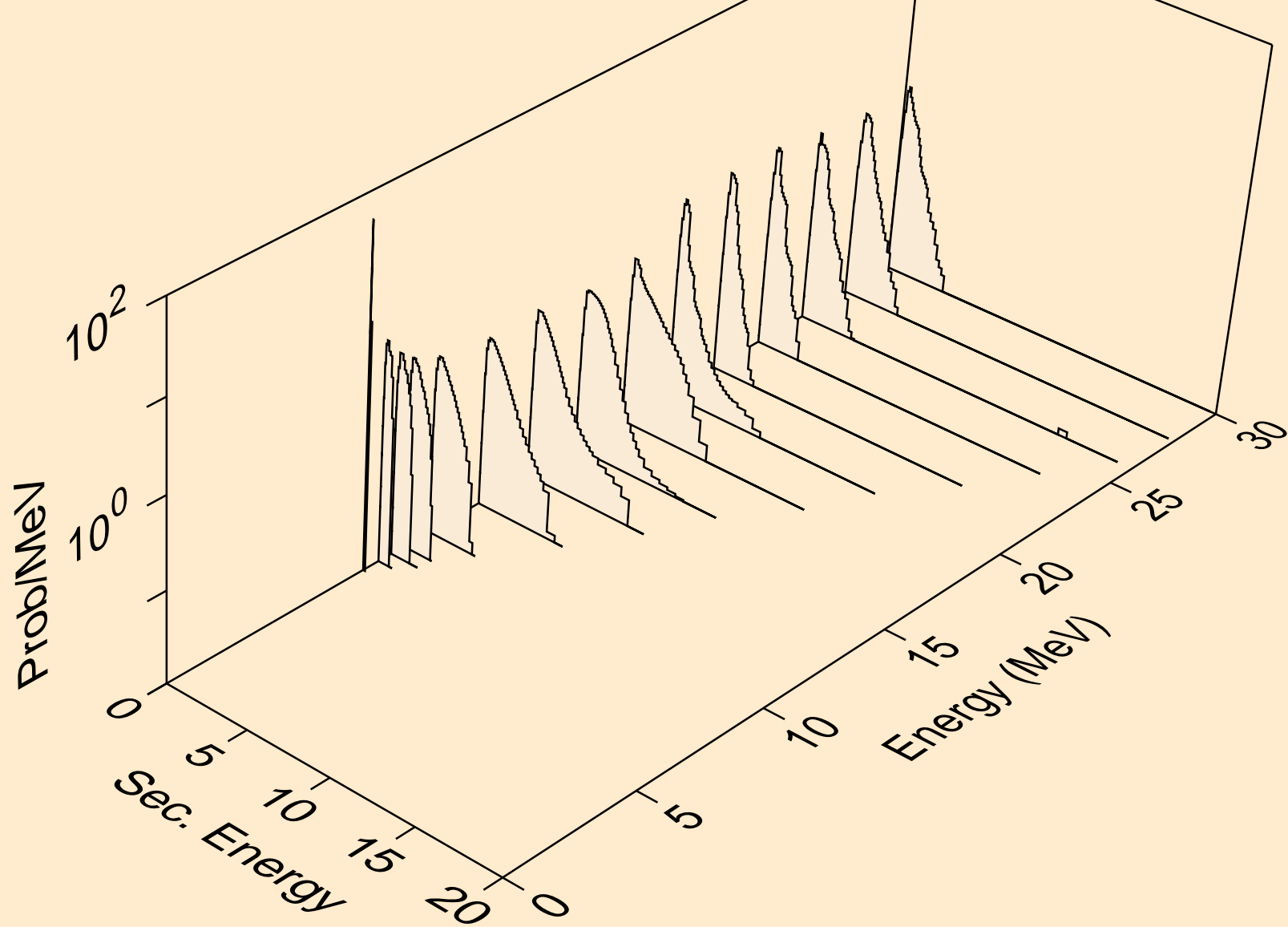
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

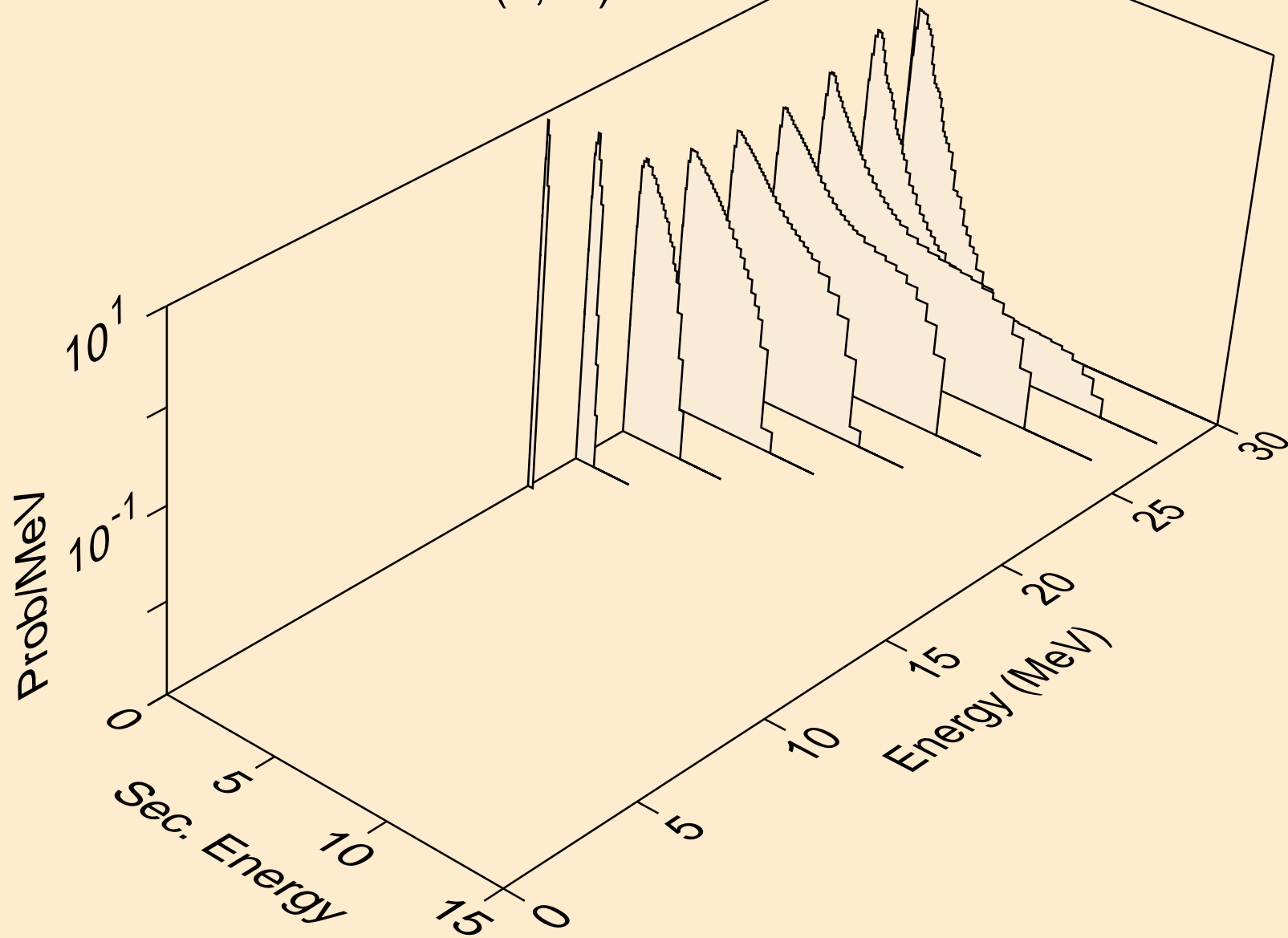


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

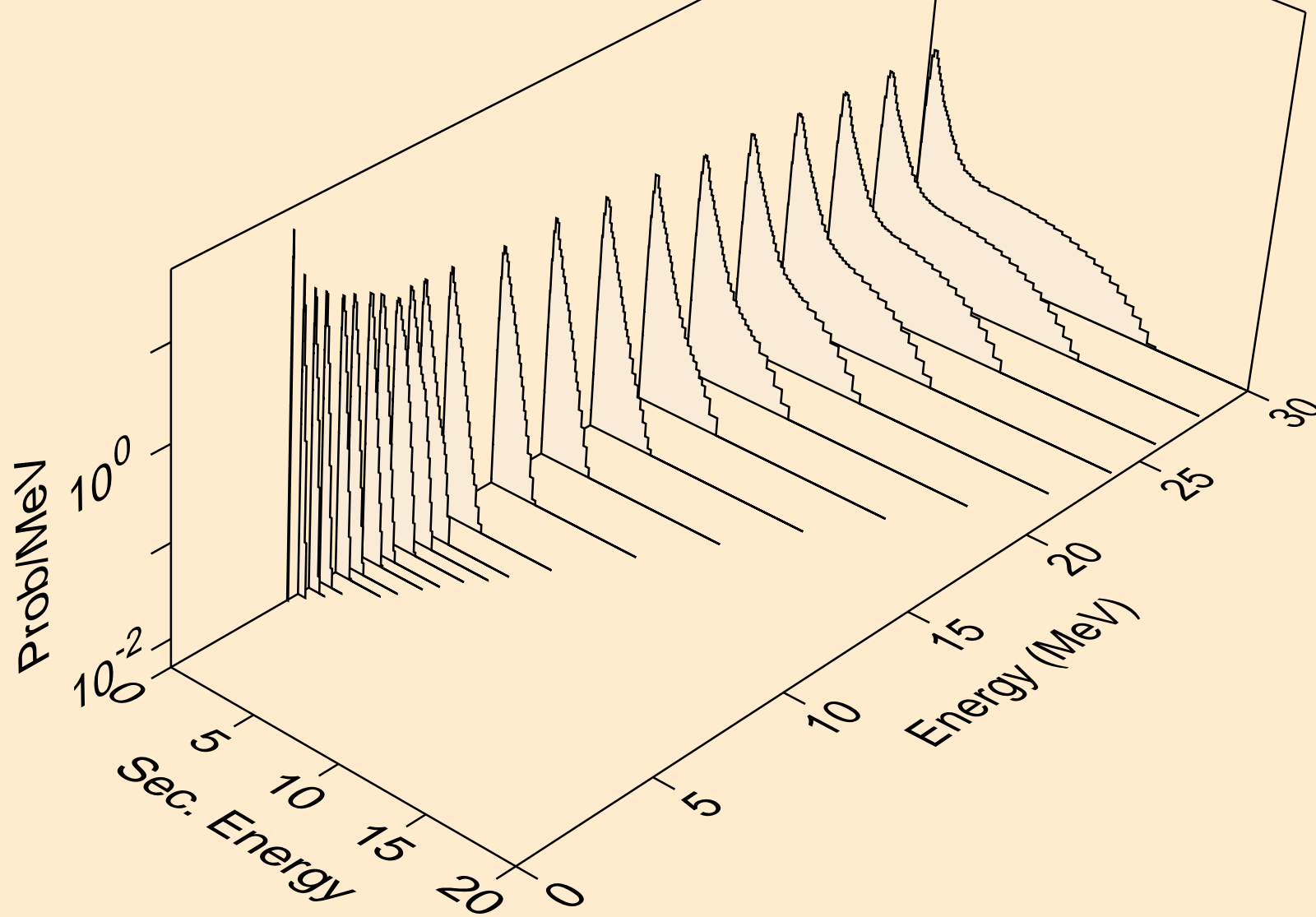




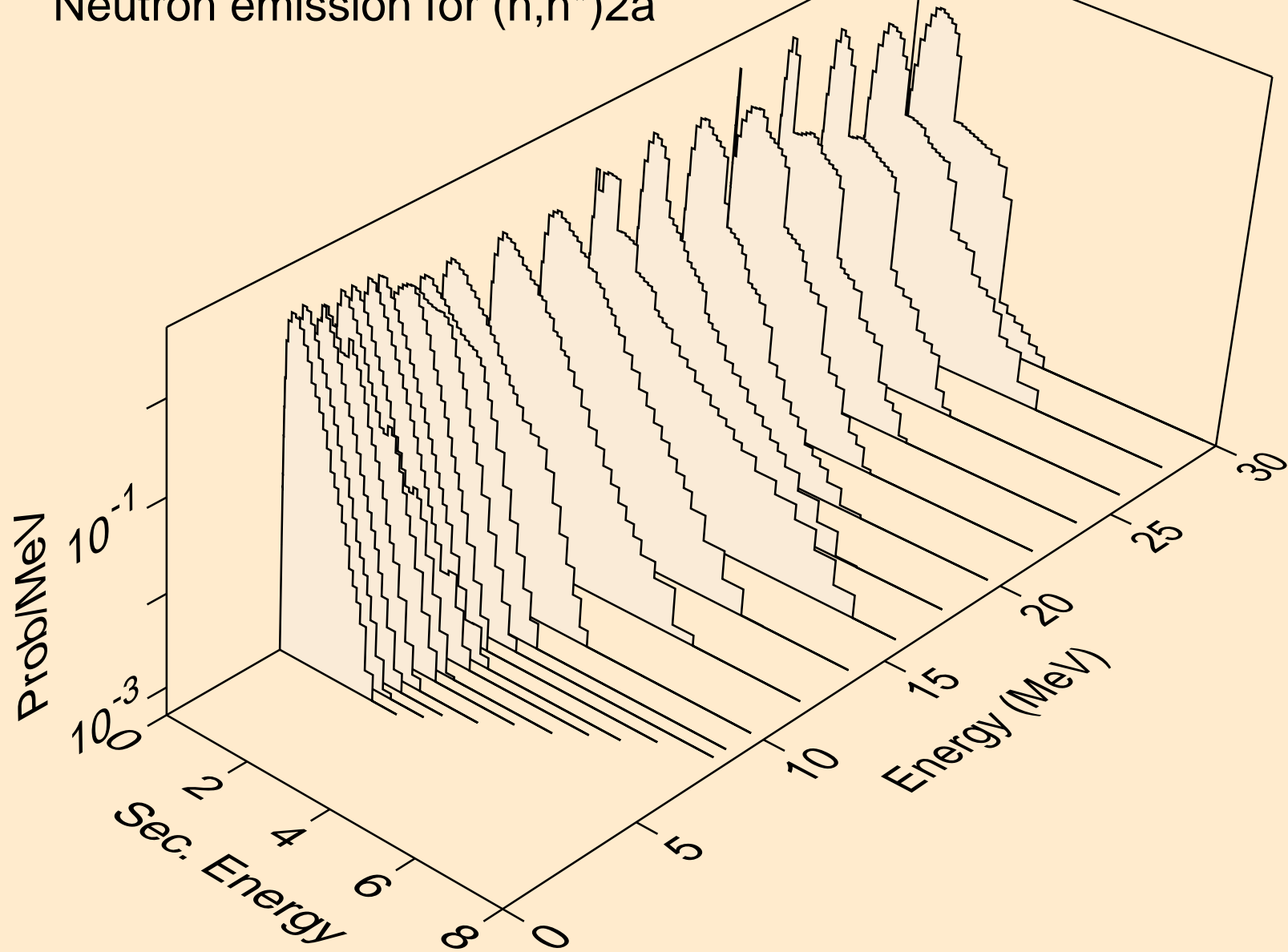
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Neutron emission for (n,3n)a



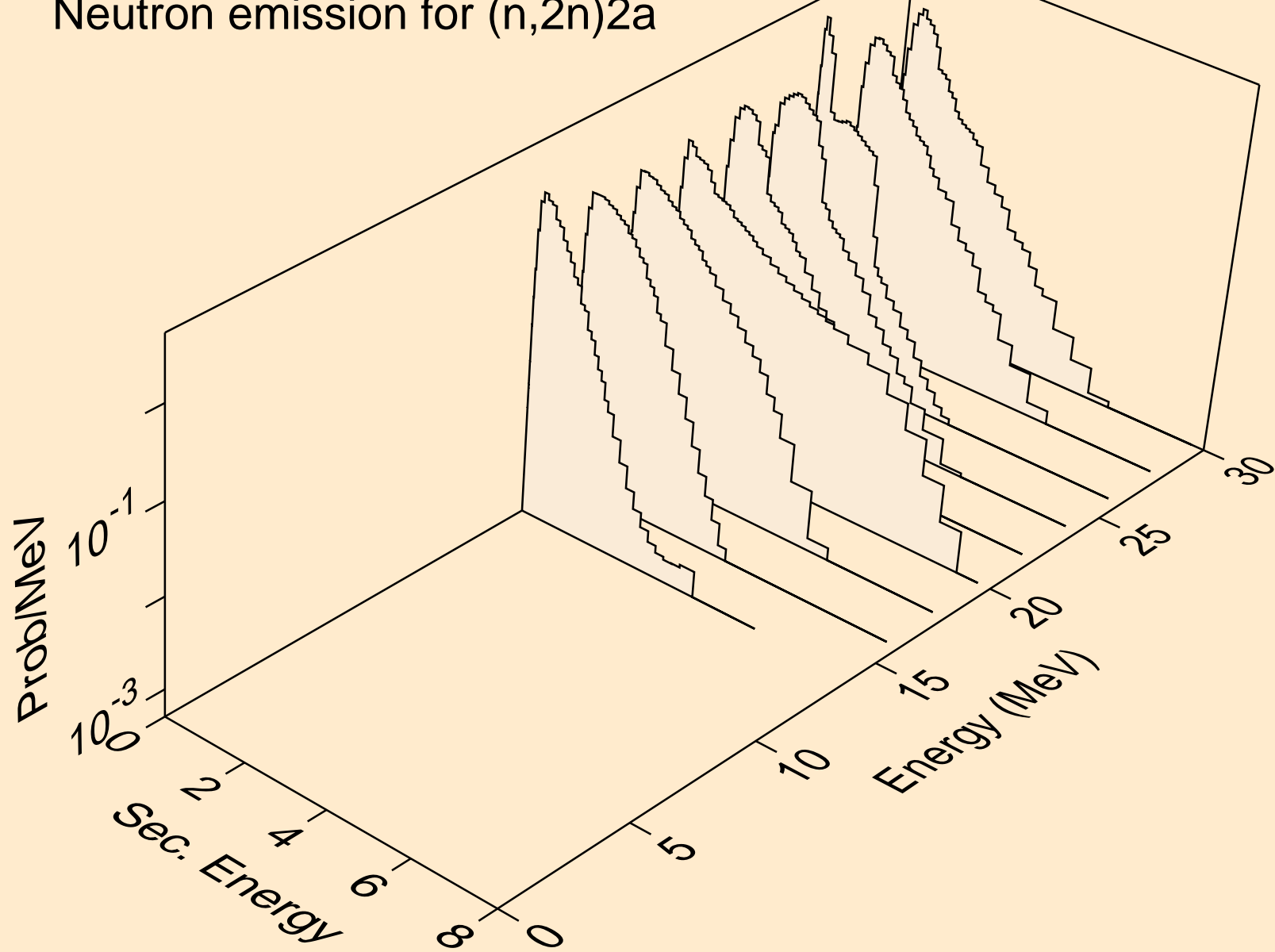
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Neutron emission for (n,n\*)p



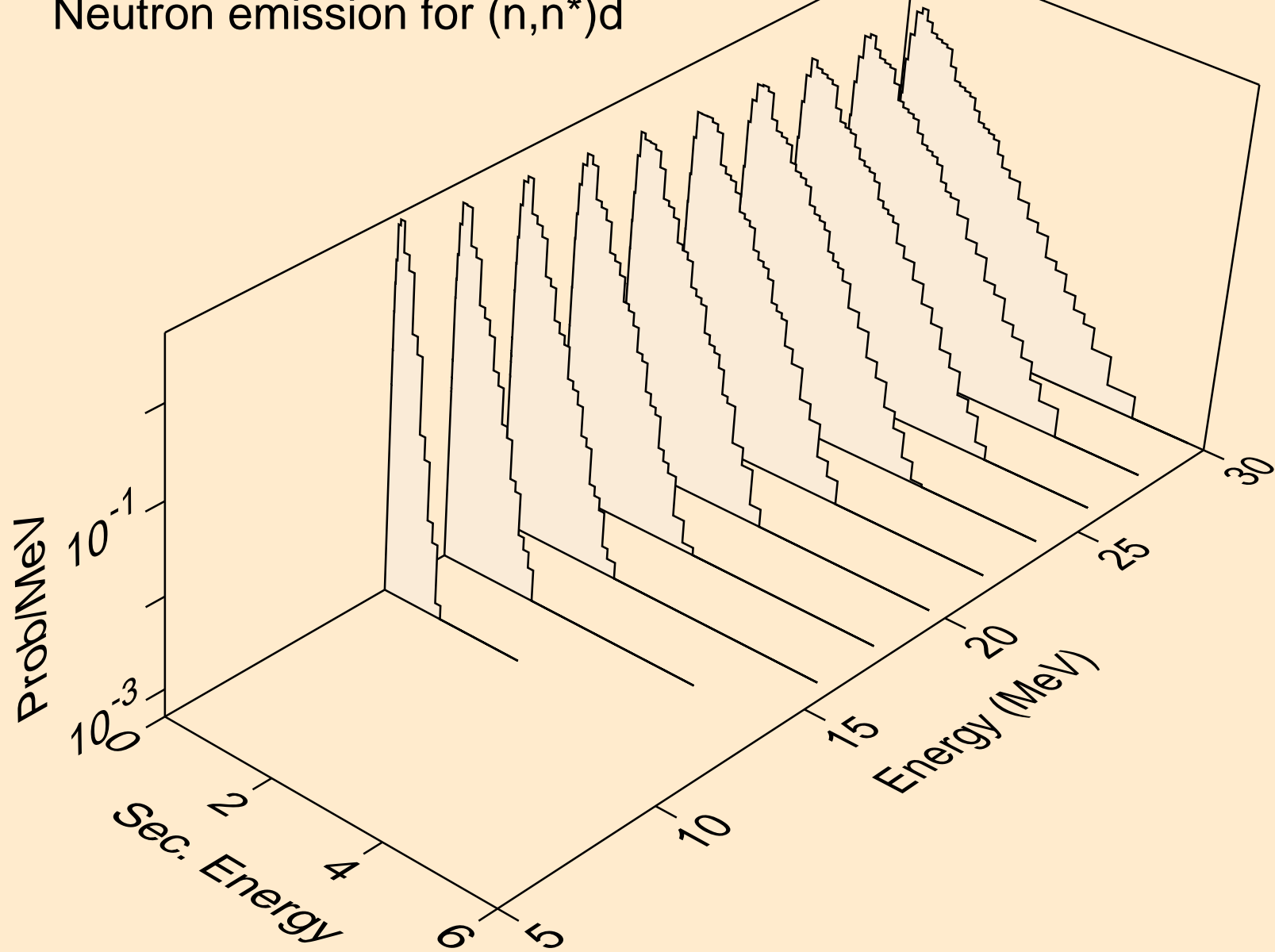
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Neutron emission for (n,n\*)2a



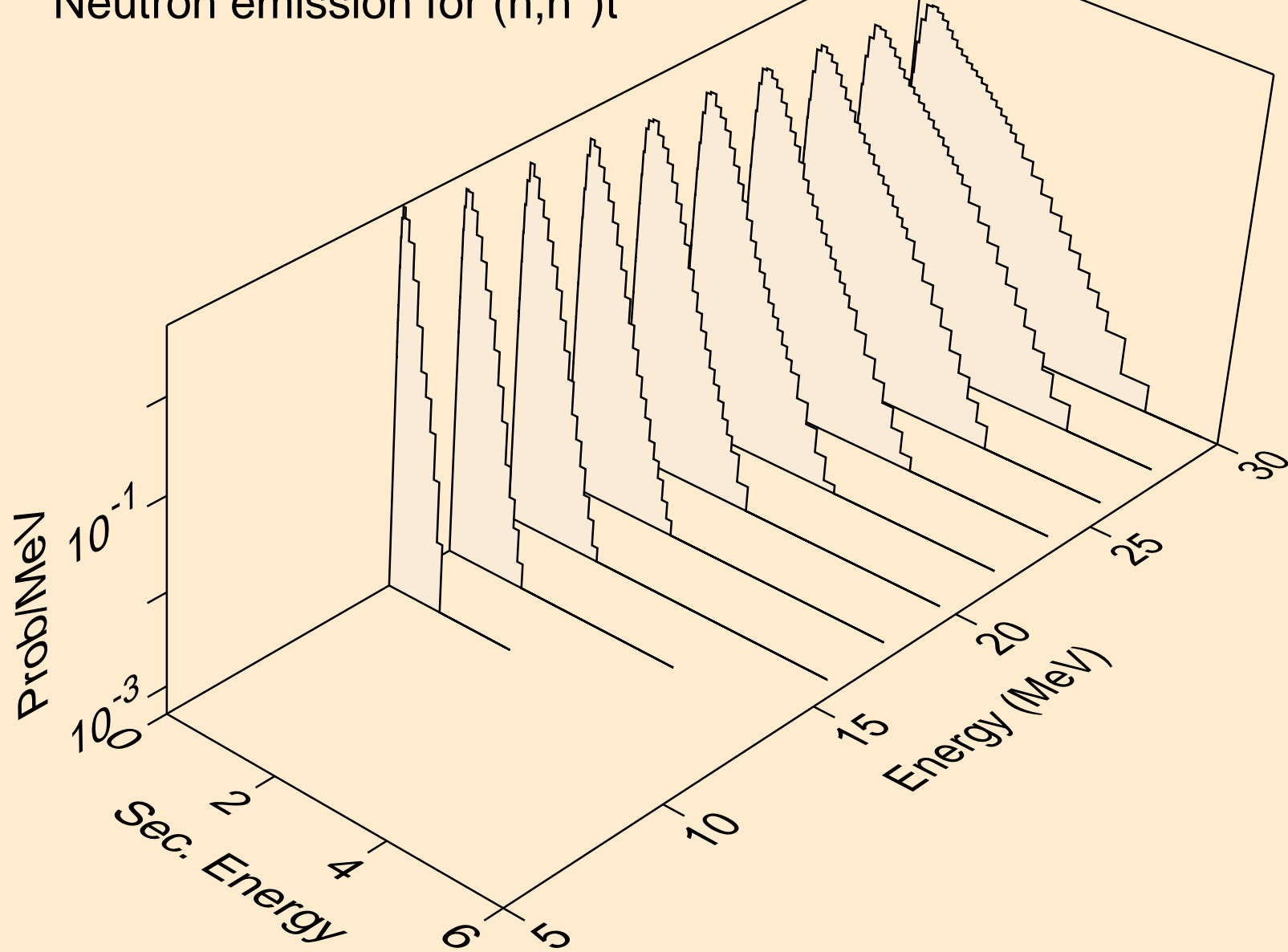
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



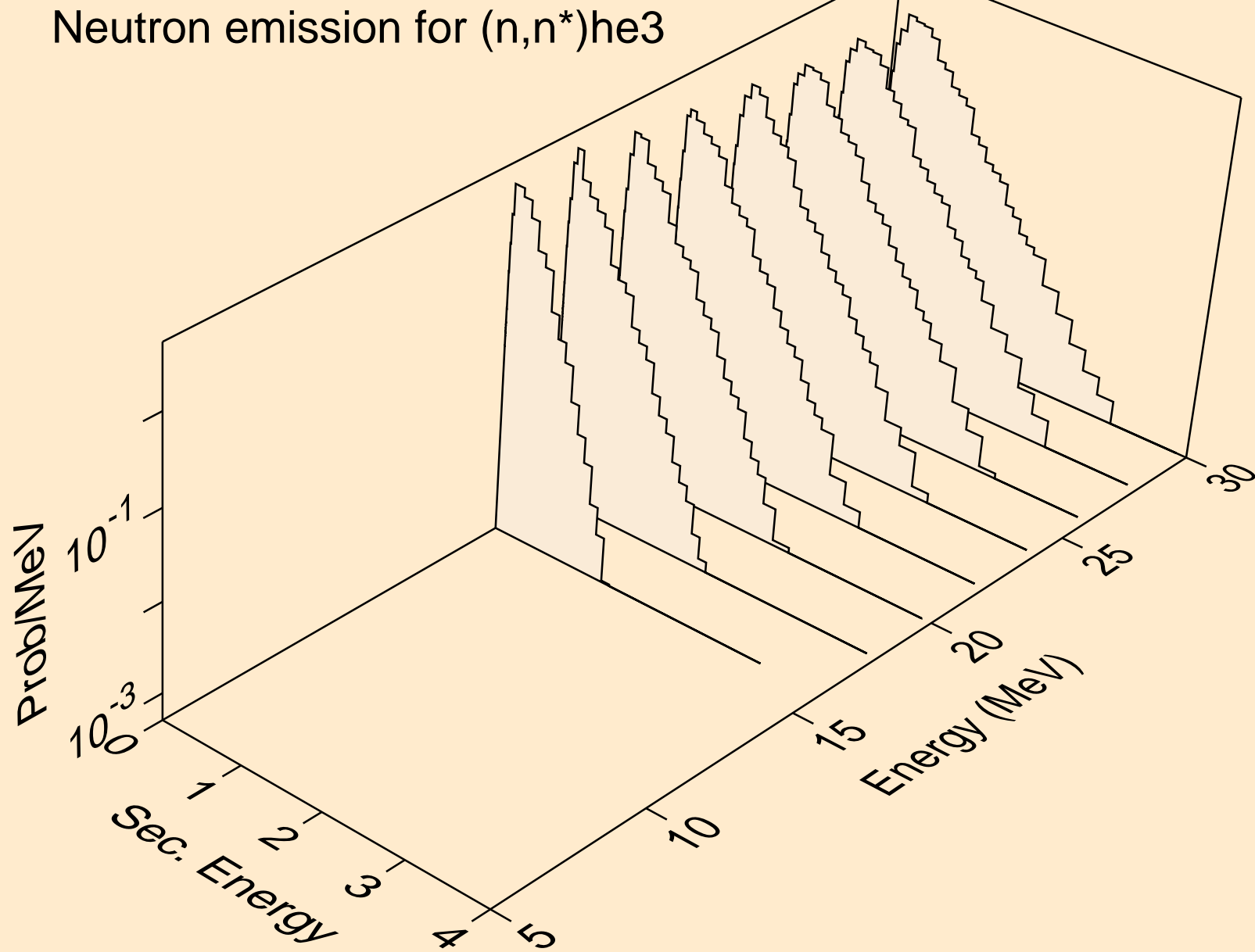
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Neutron emission for (n,n\*)d



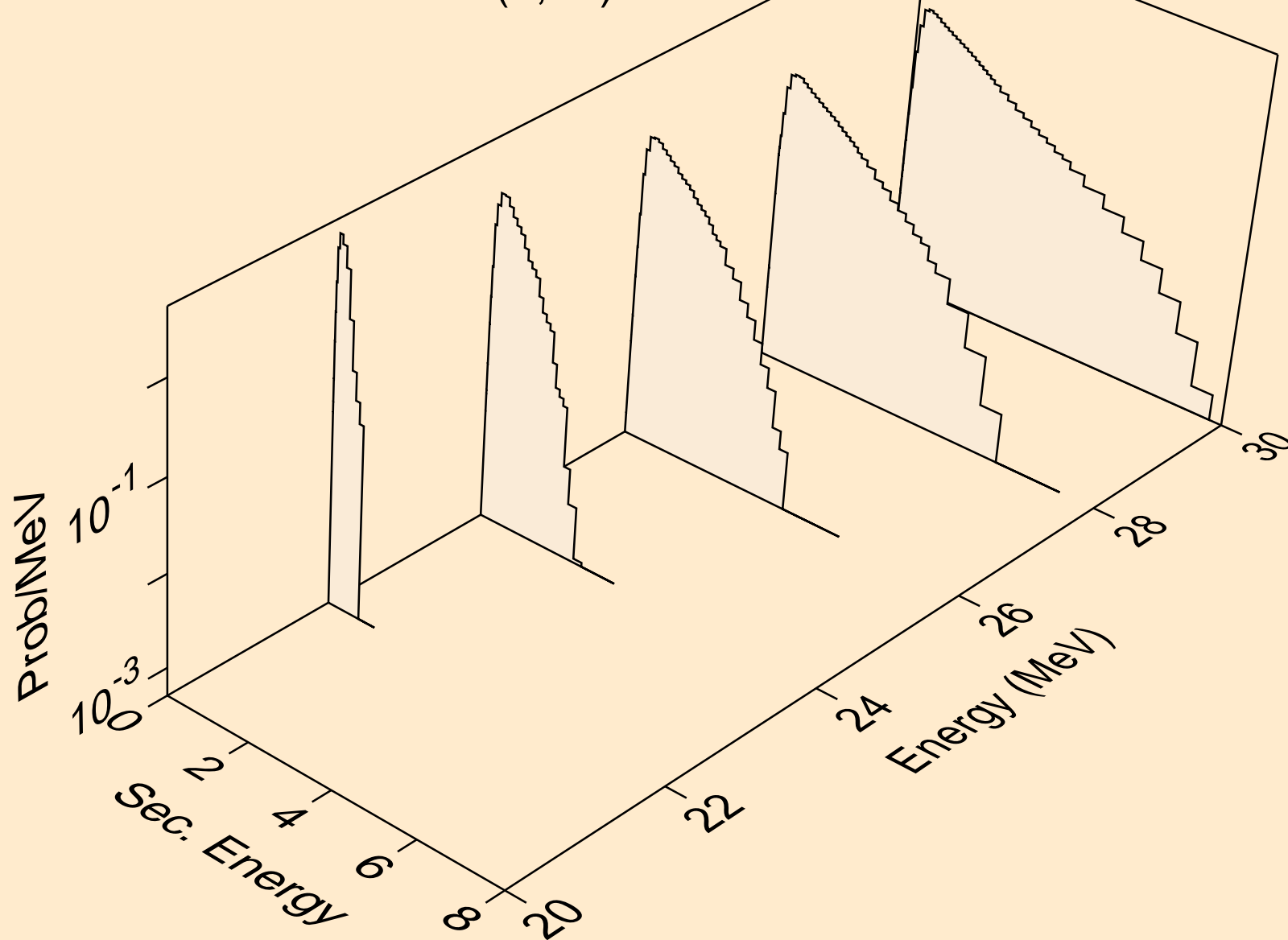
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

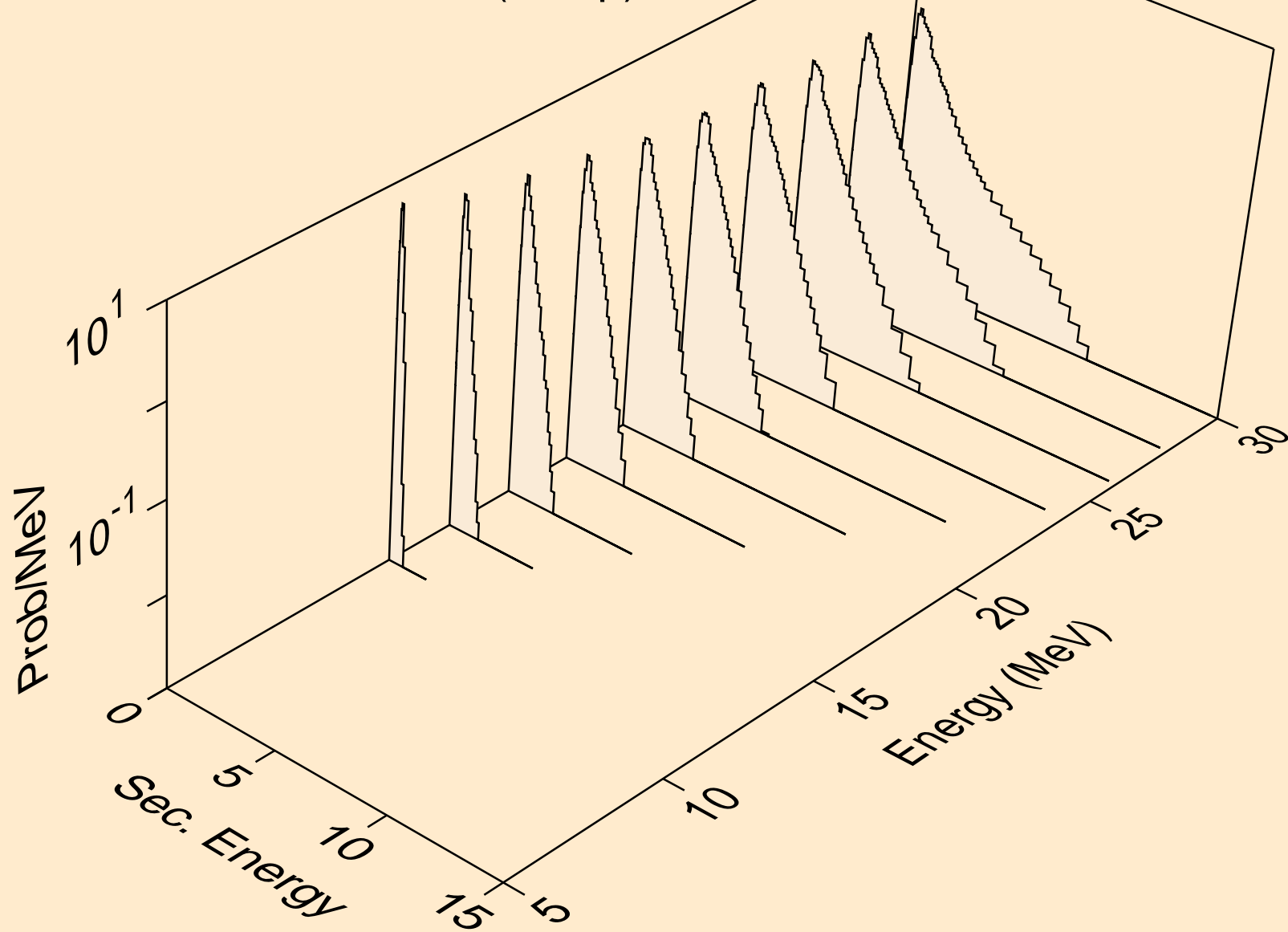


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

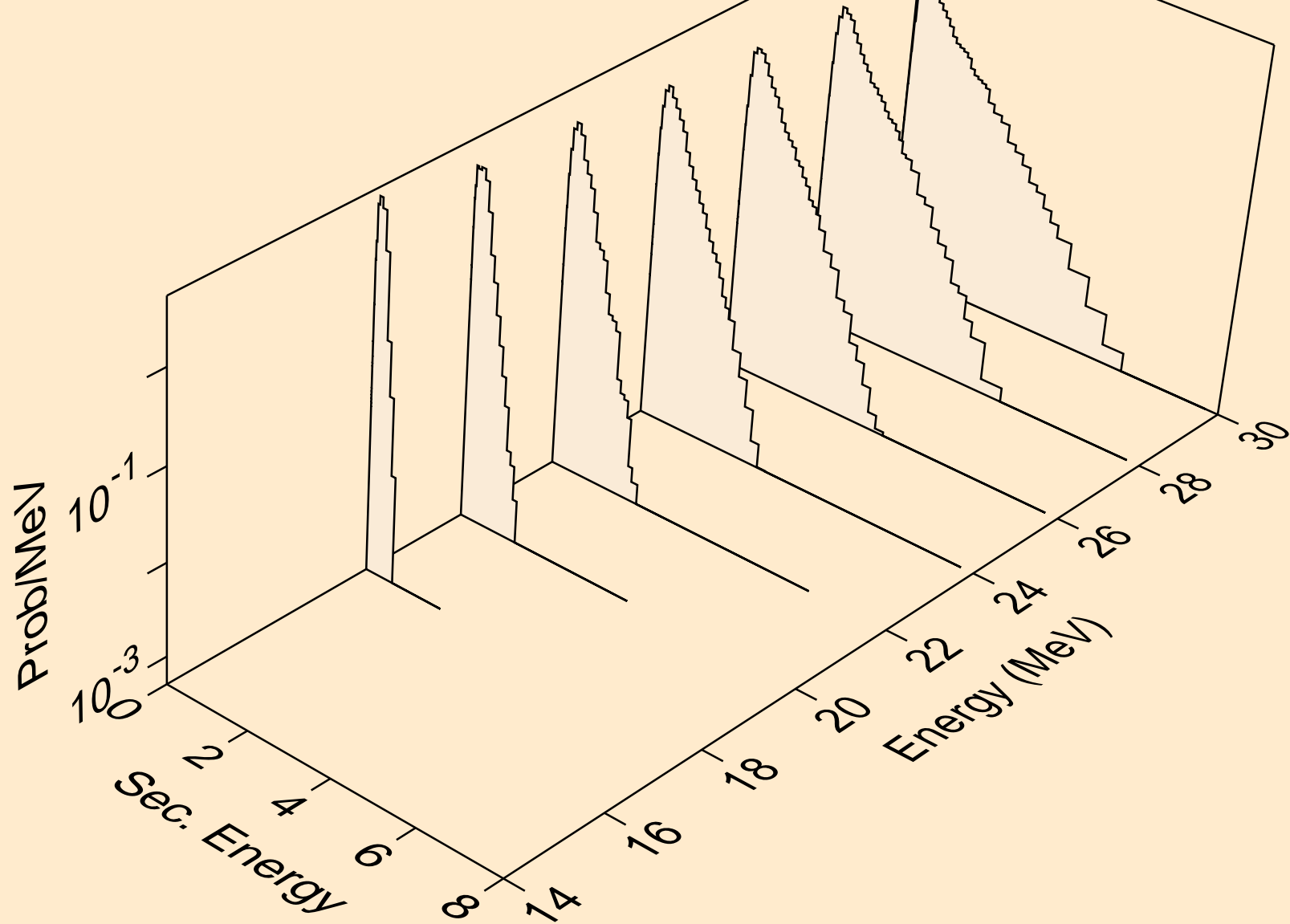




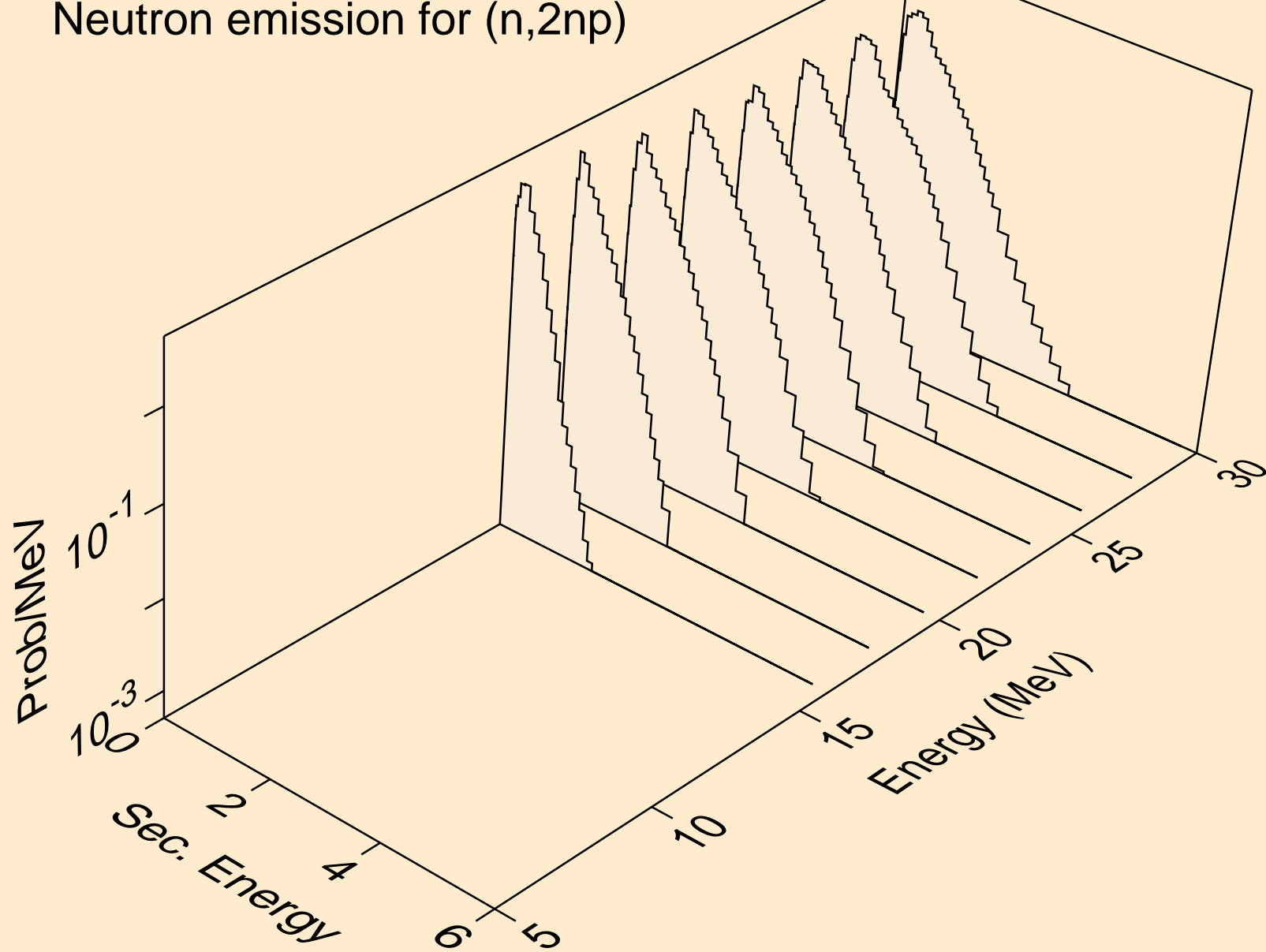
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



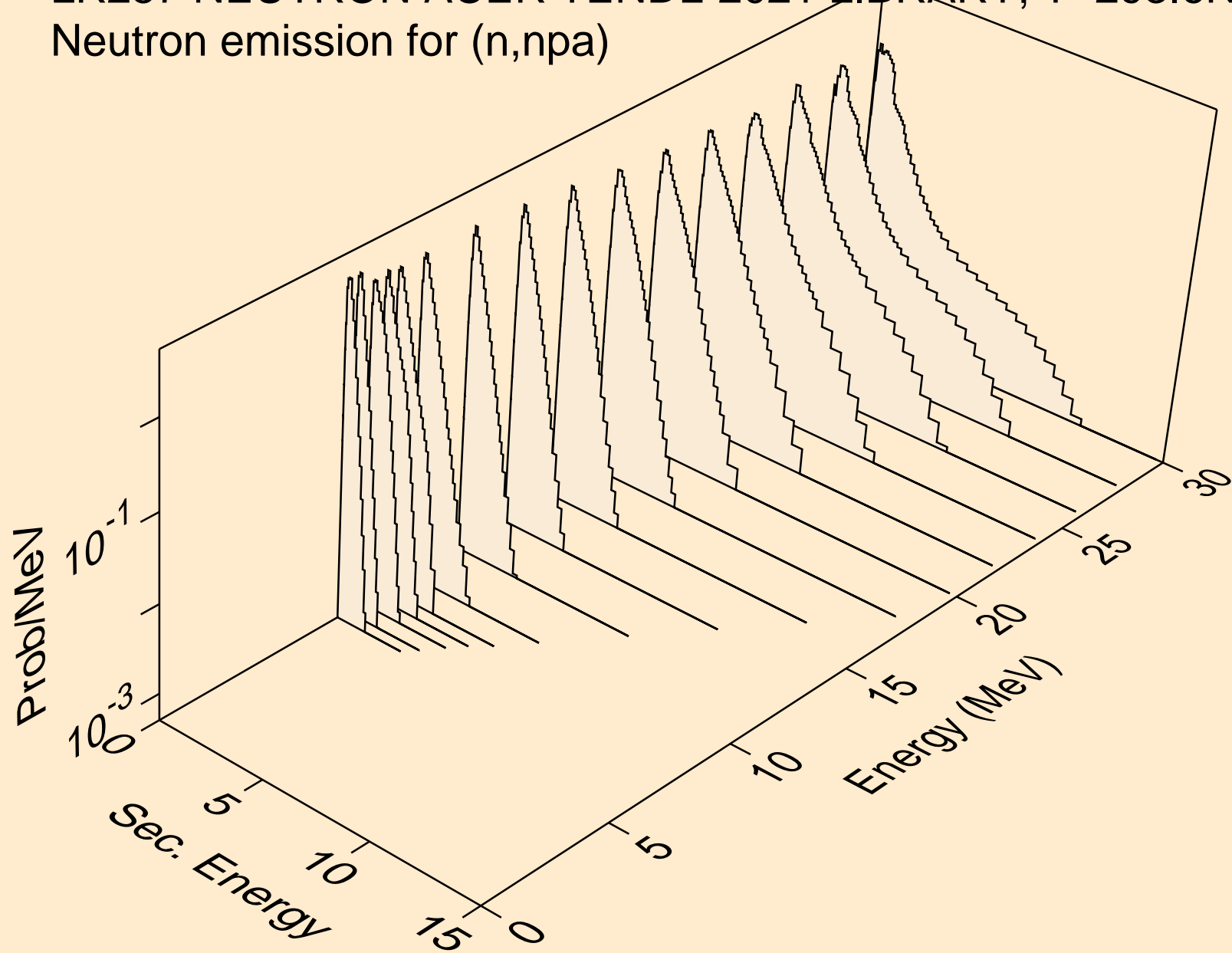
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Neutron emission for (n,3np)



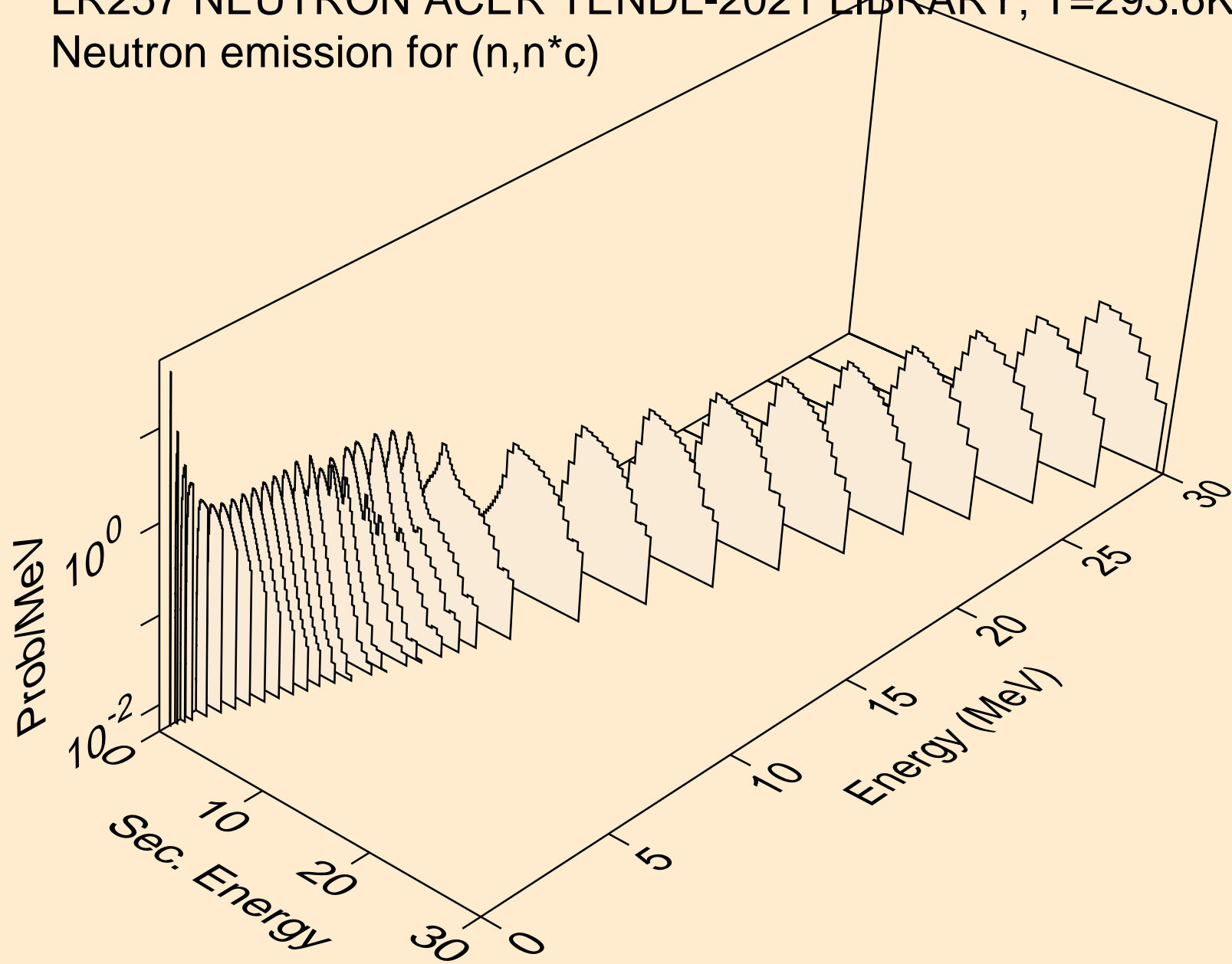
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

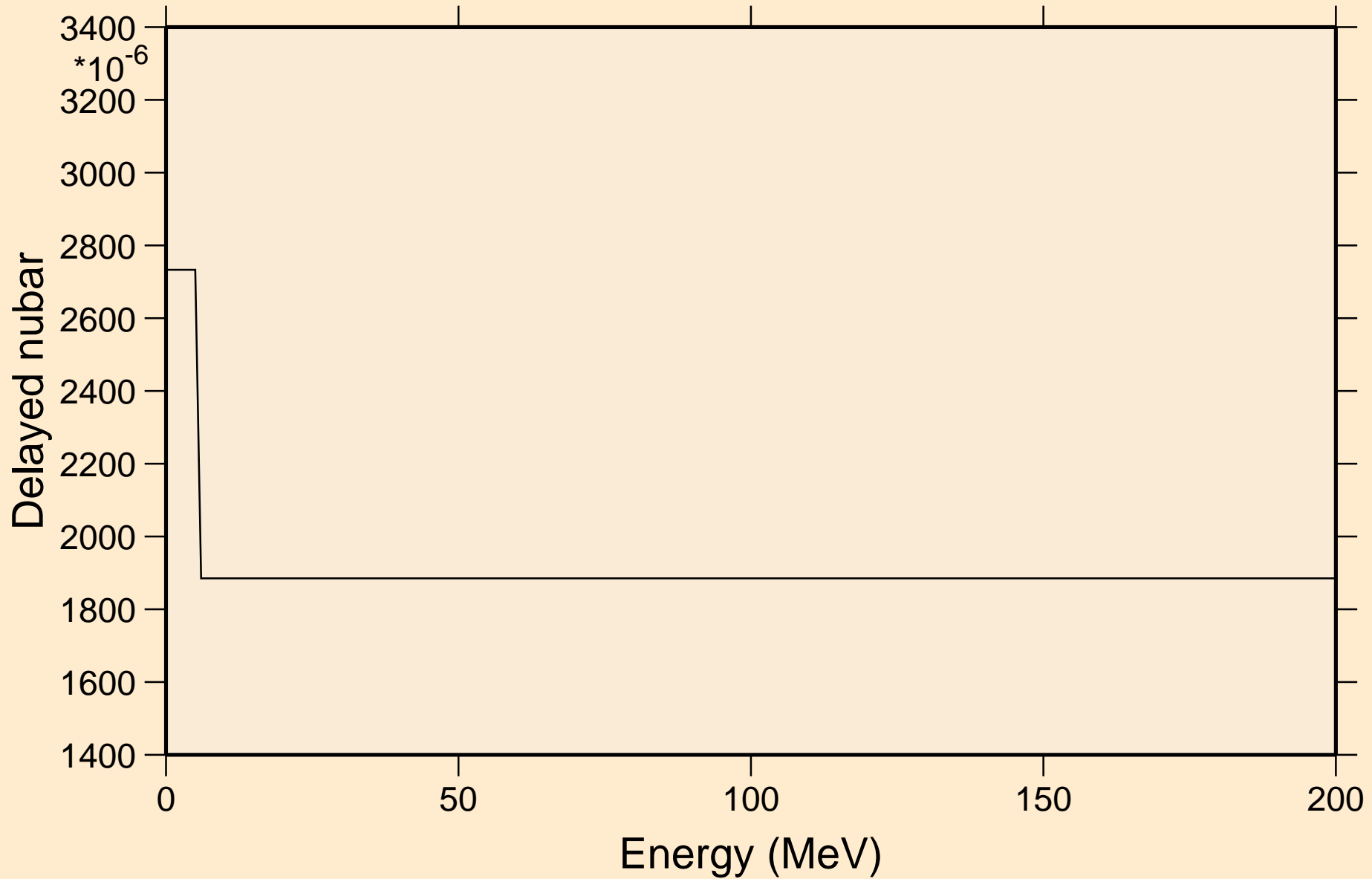


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



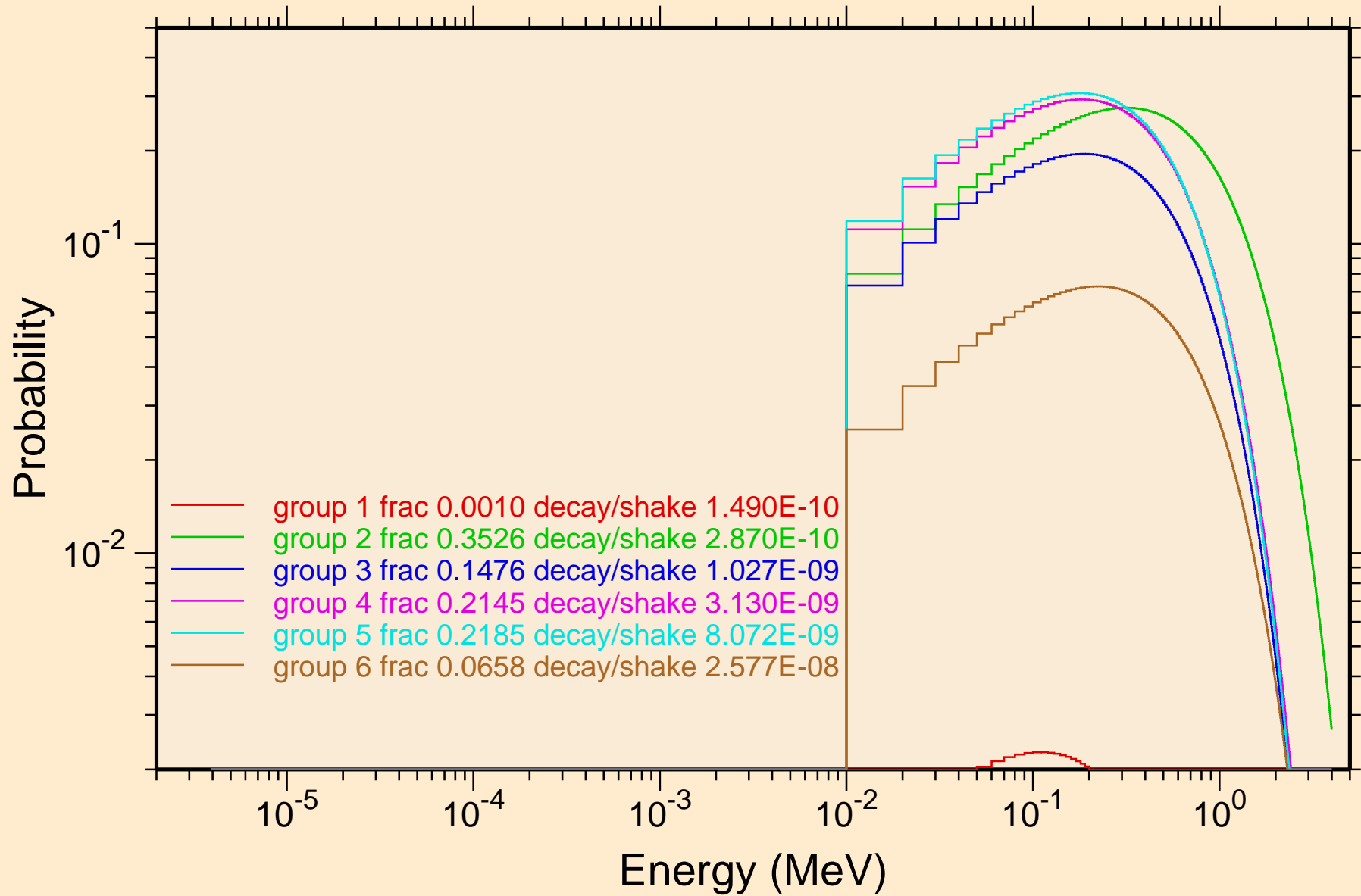
# LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed nubar

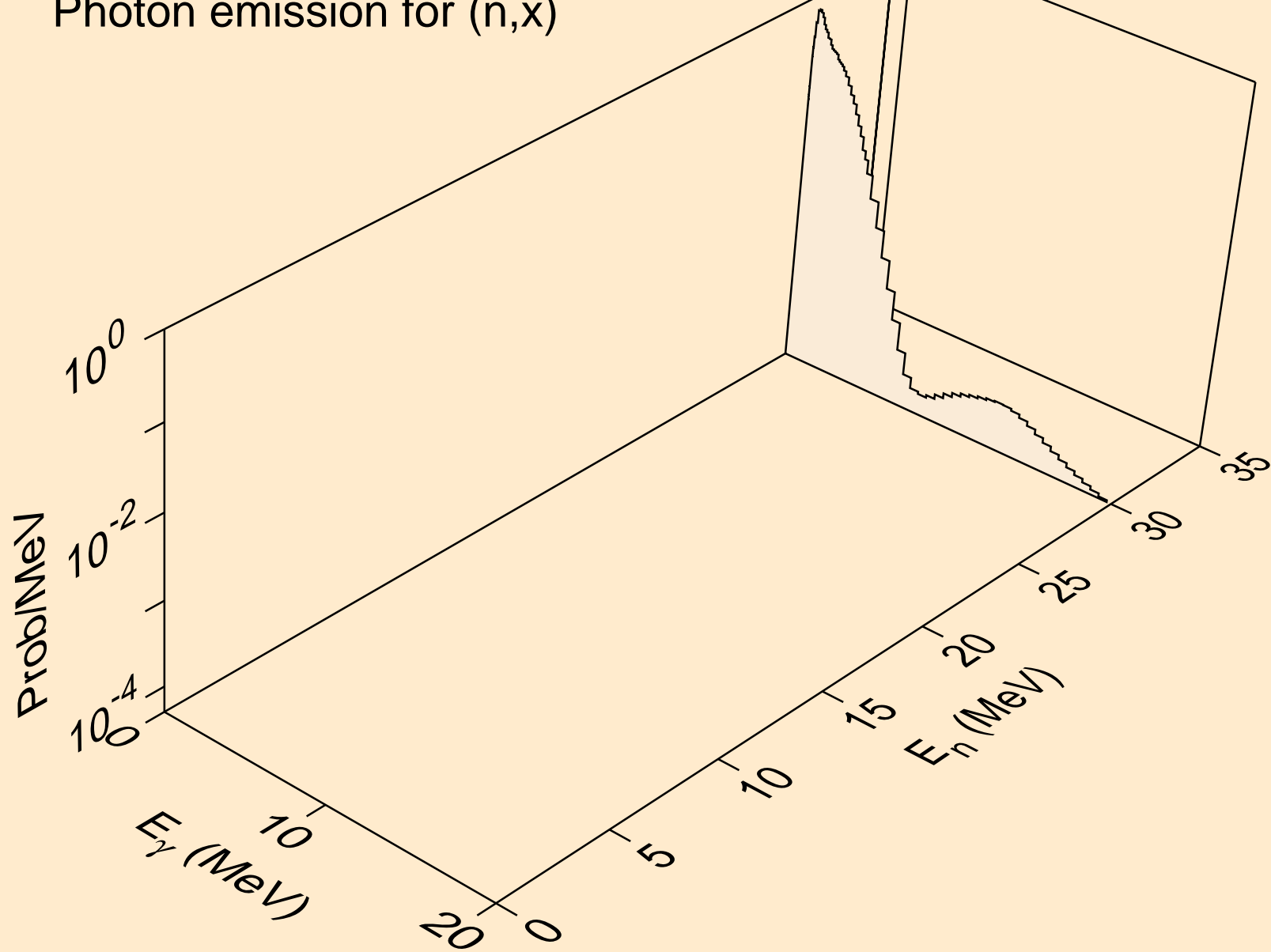


# LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed neutron spectra

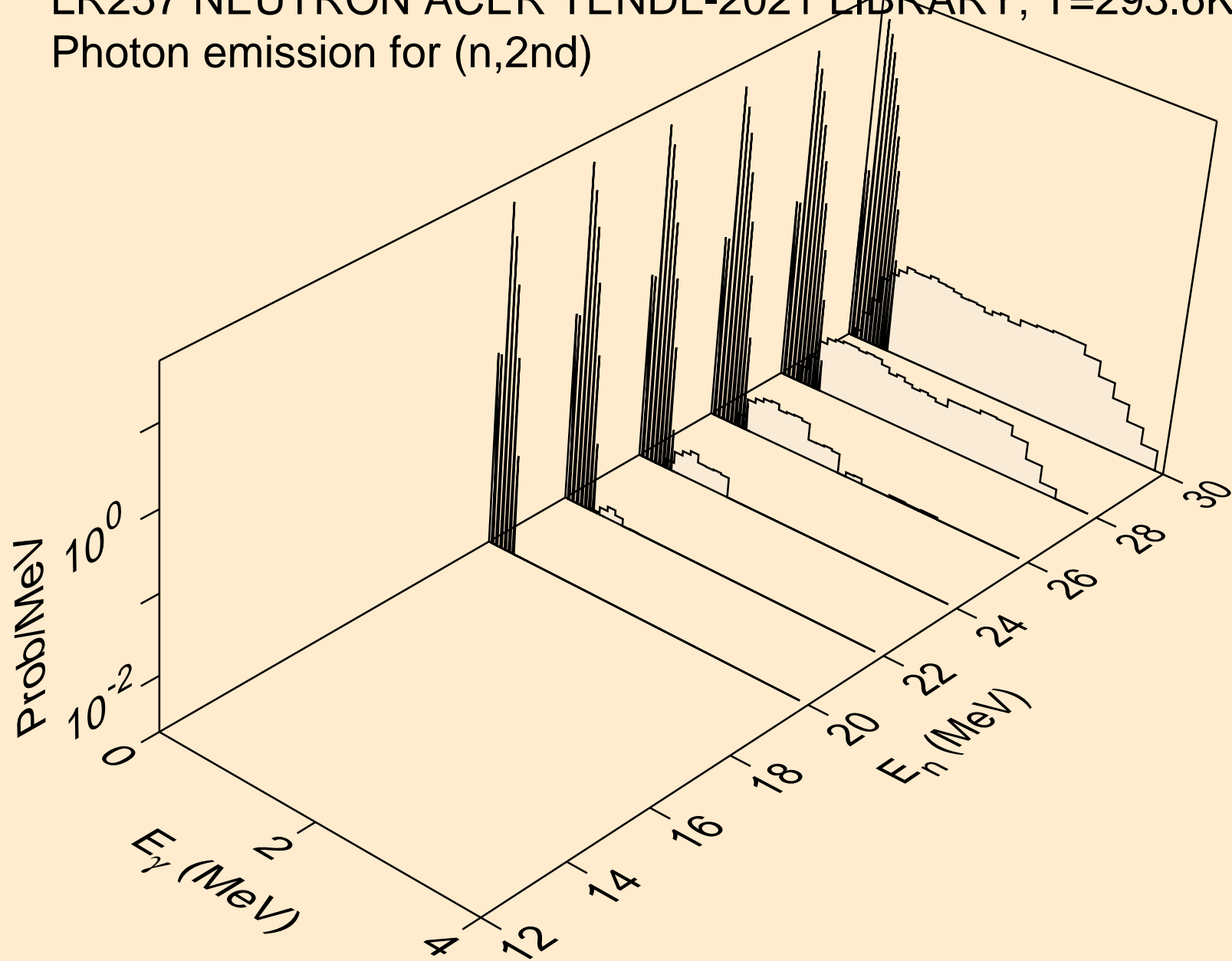


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

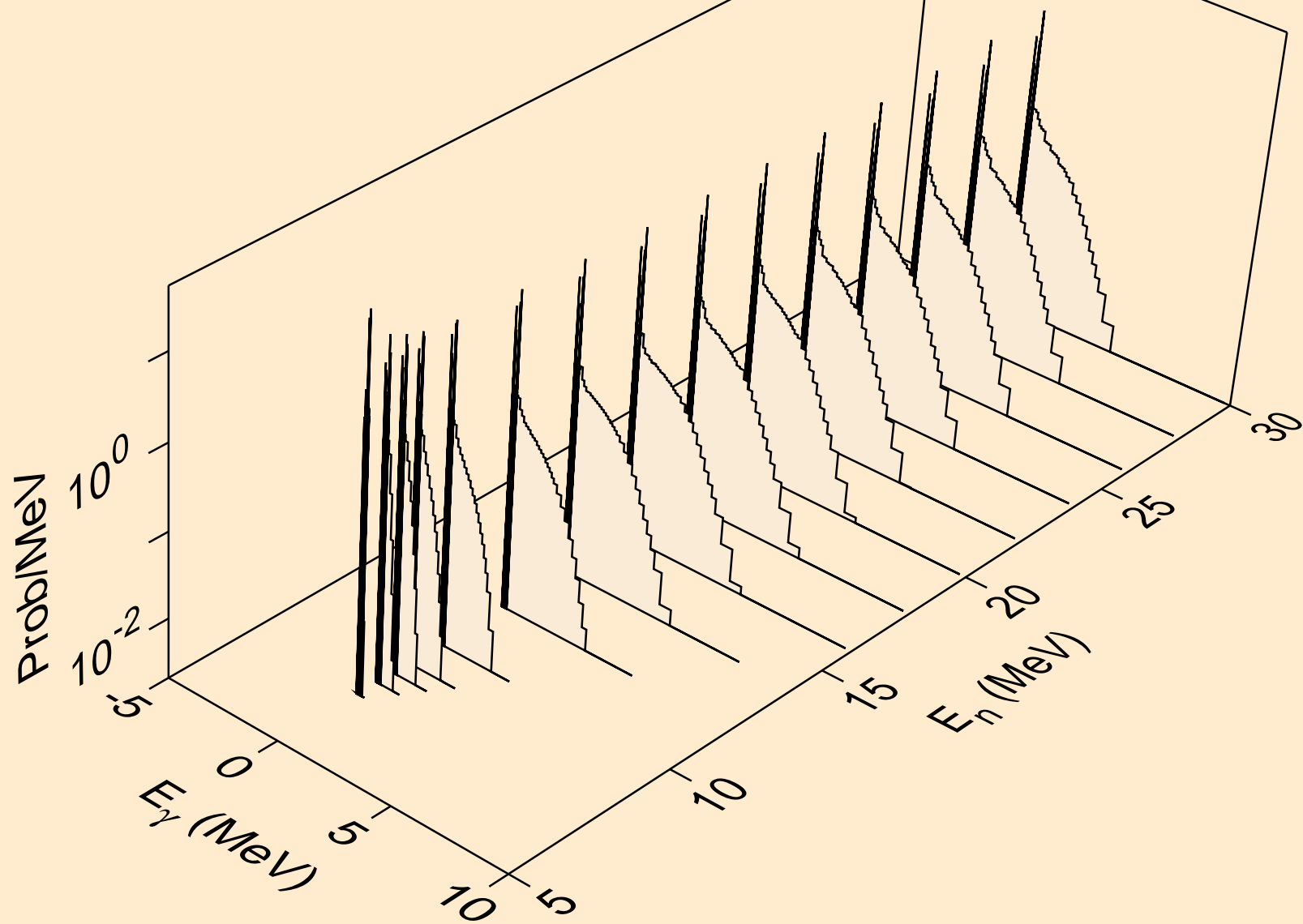




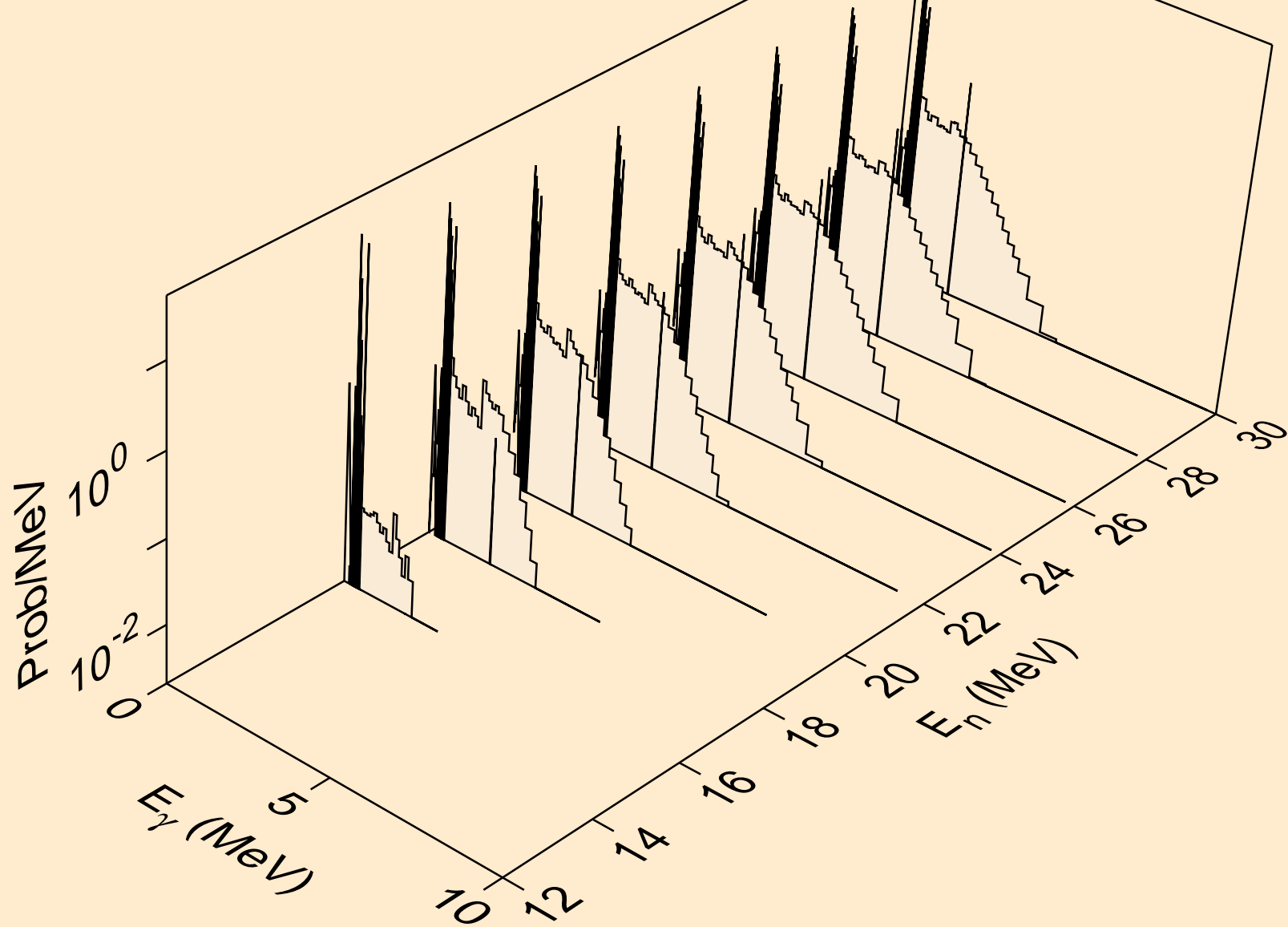
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



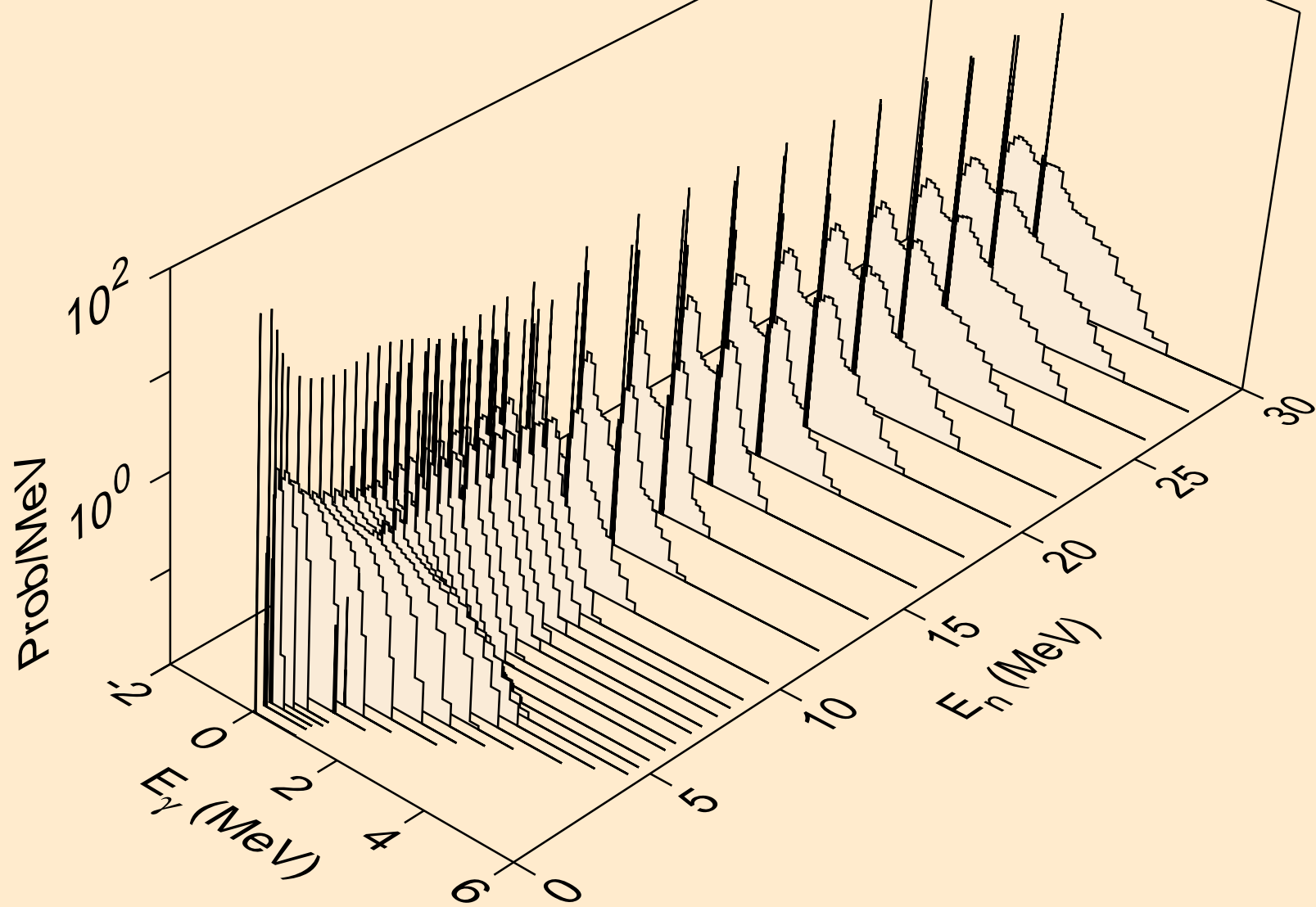
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Photon emission for (n,2n)



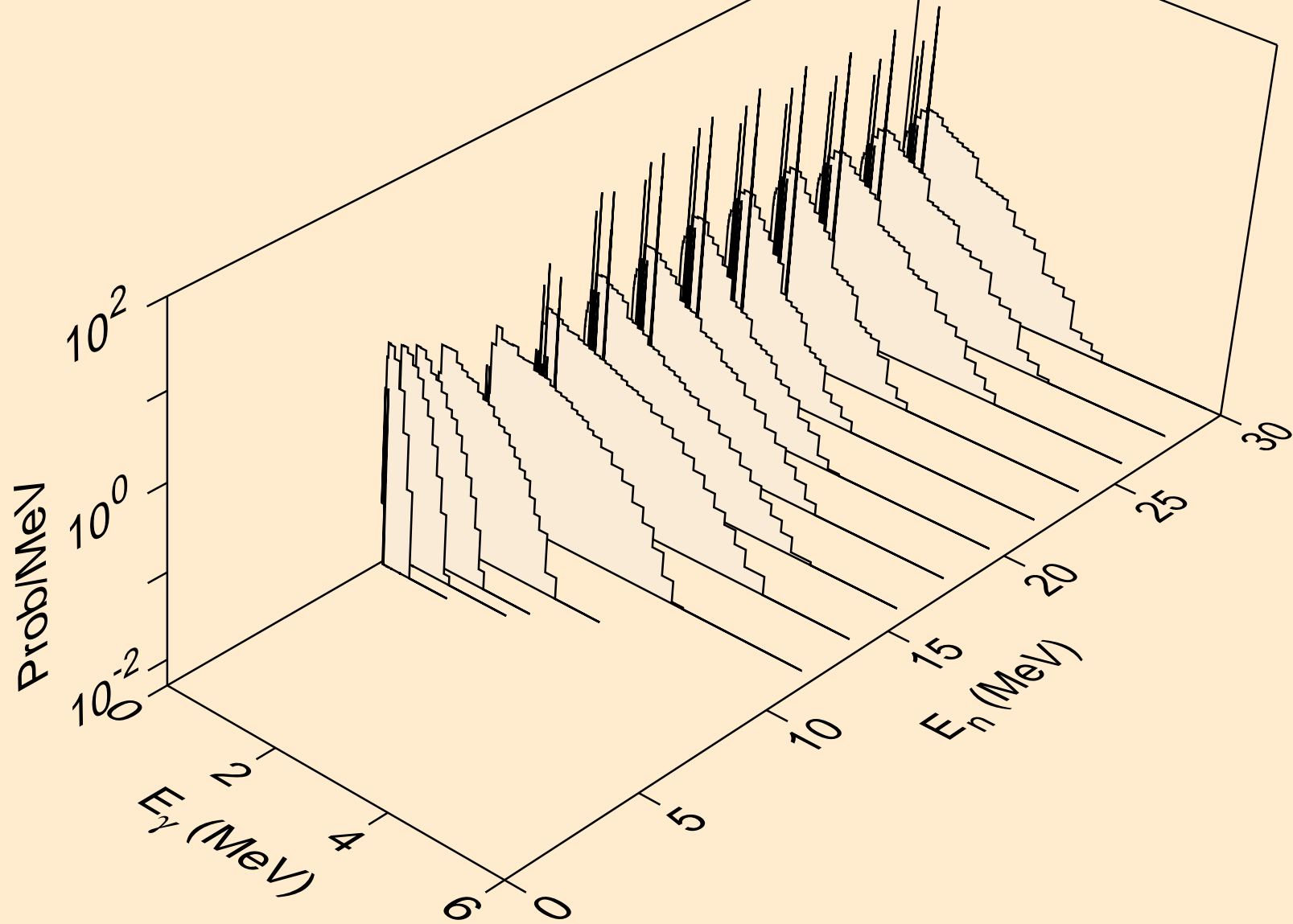
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



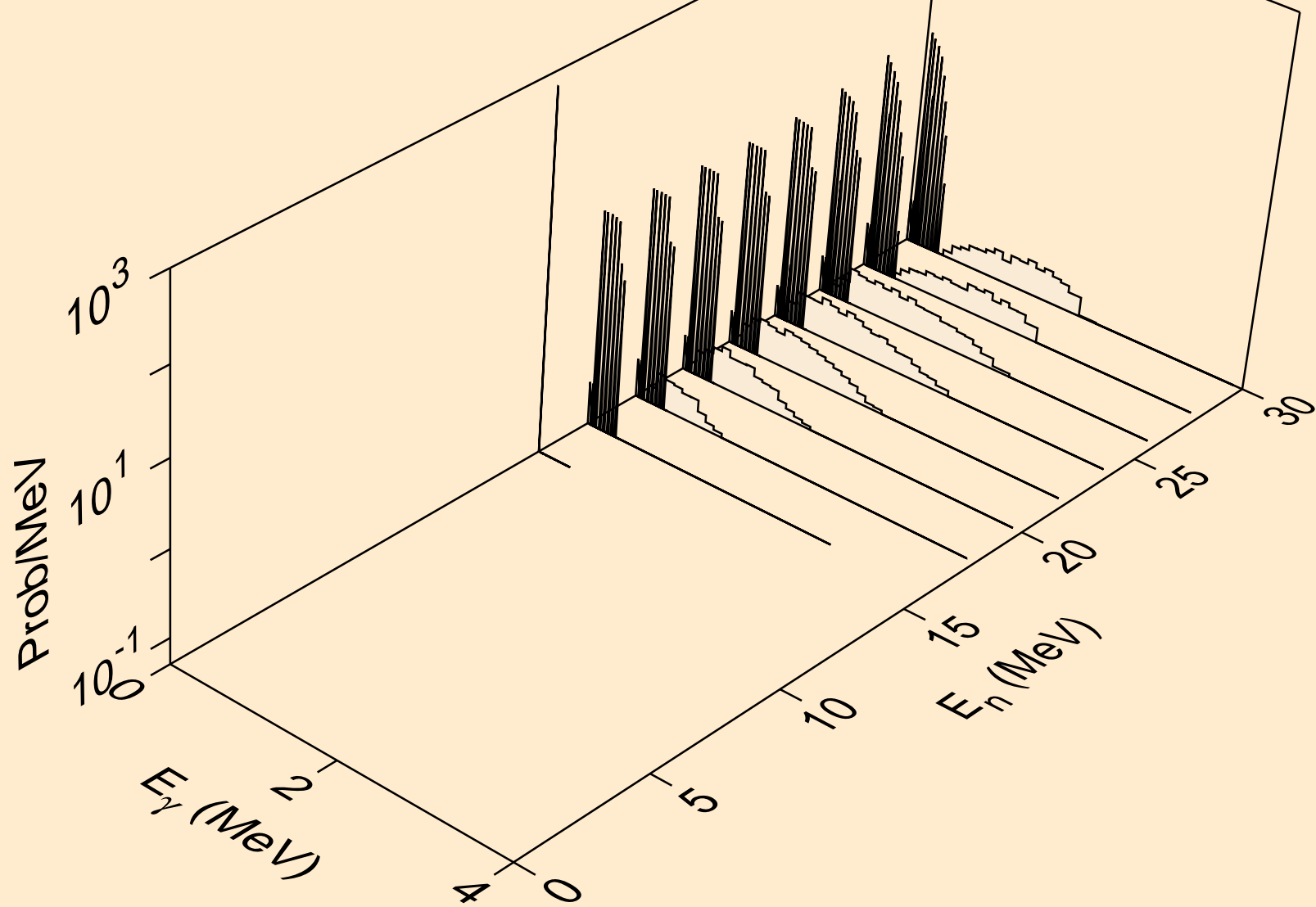
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



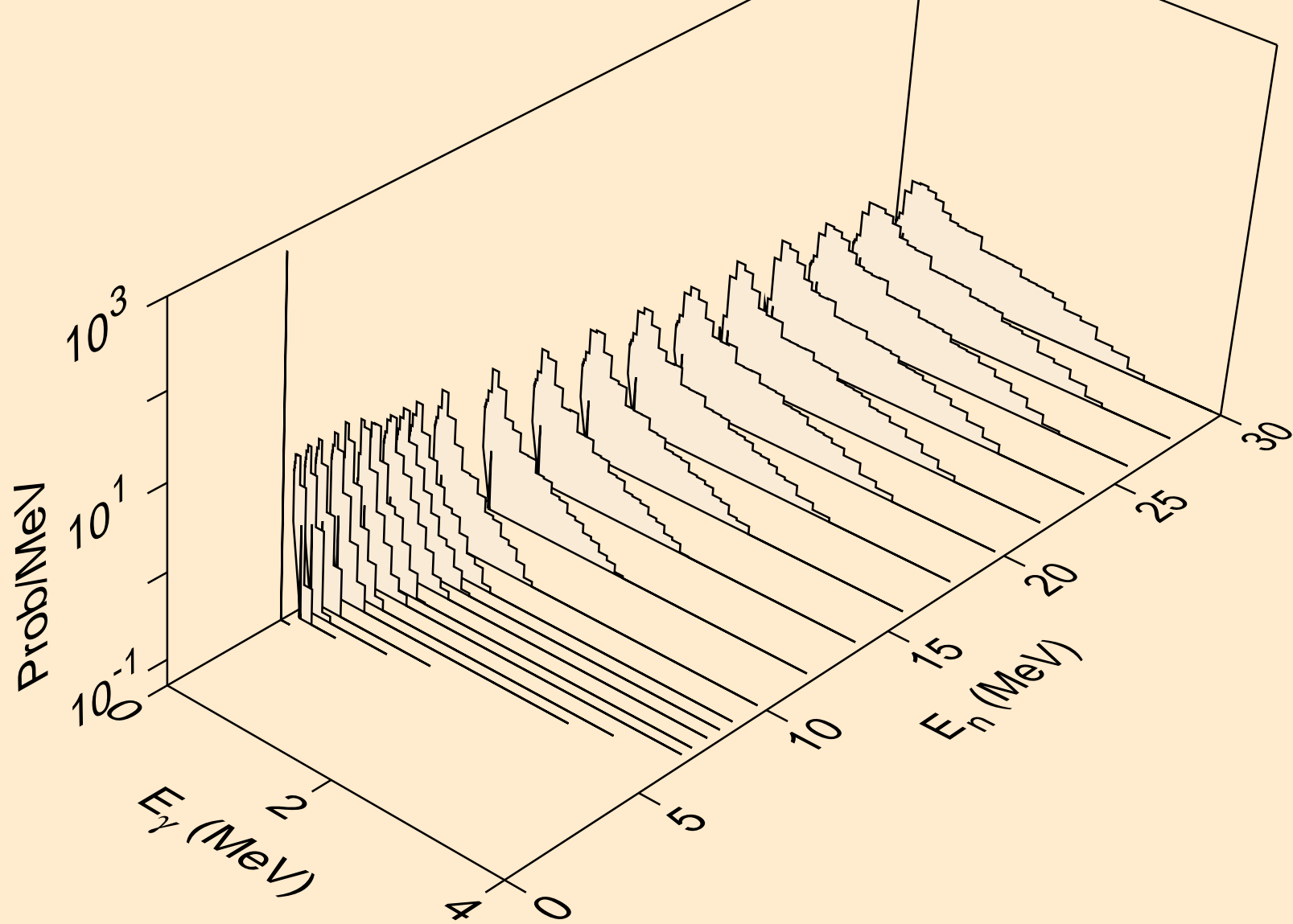
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Photon emission for (n,2n)a



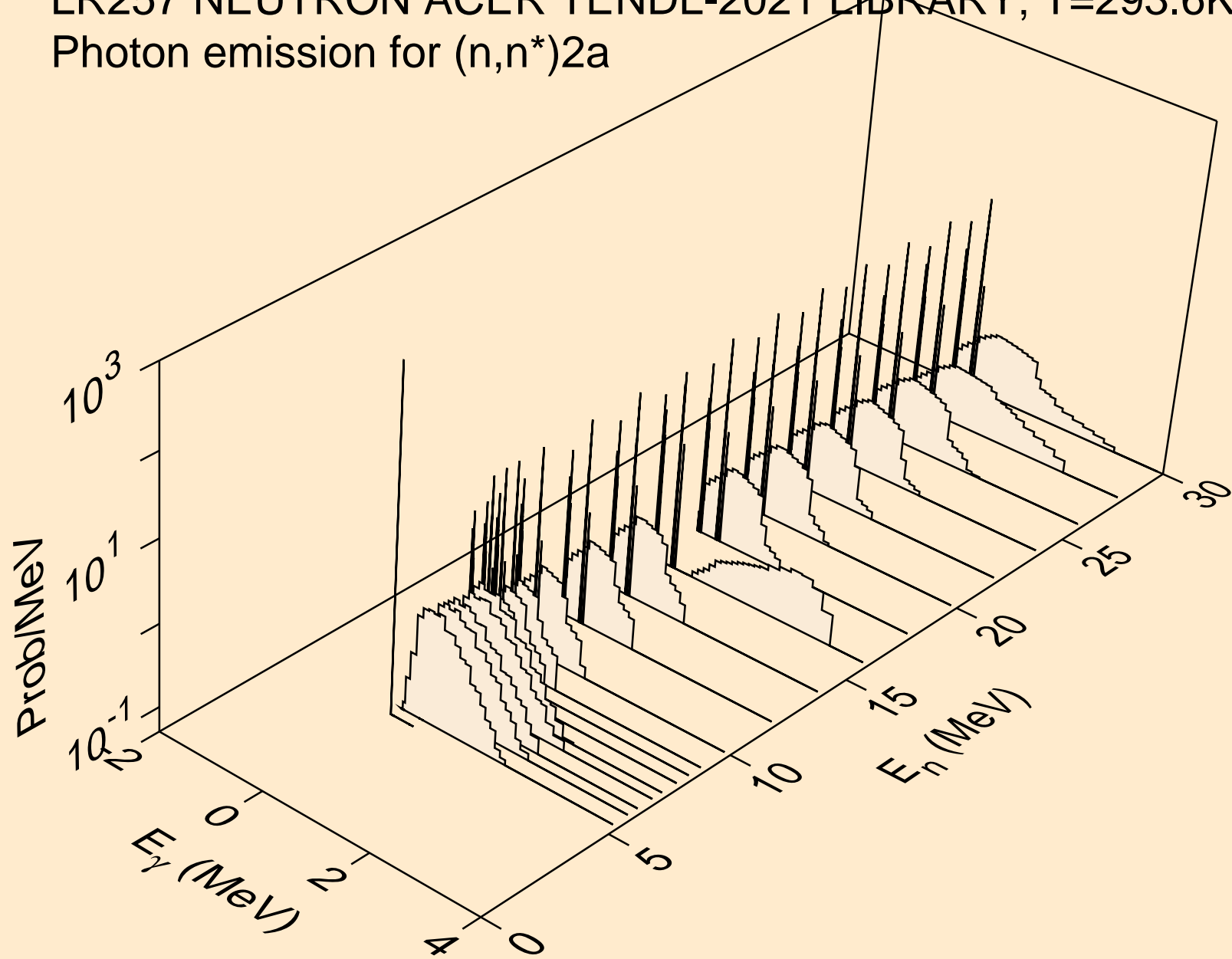
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

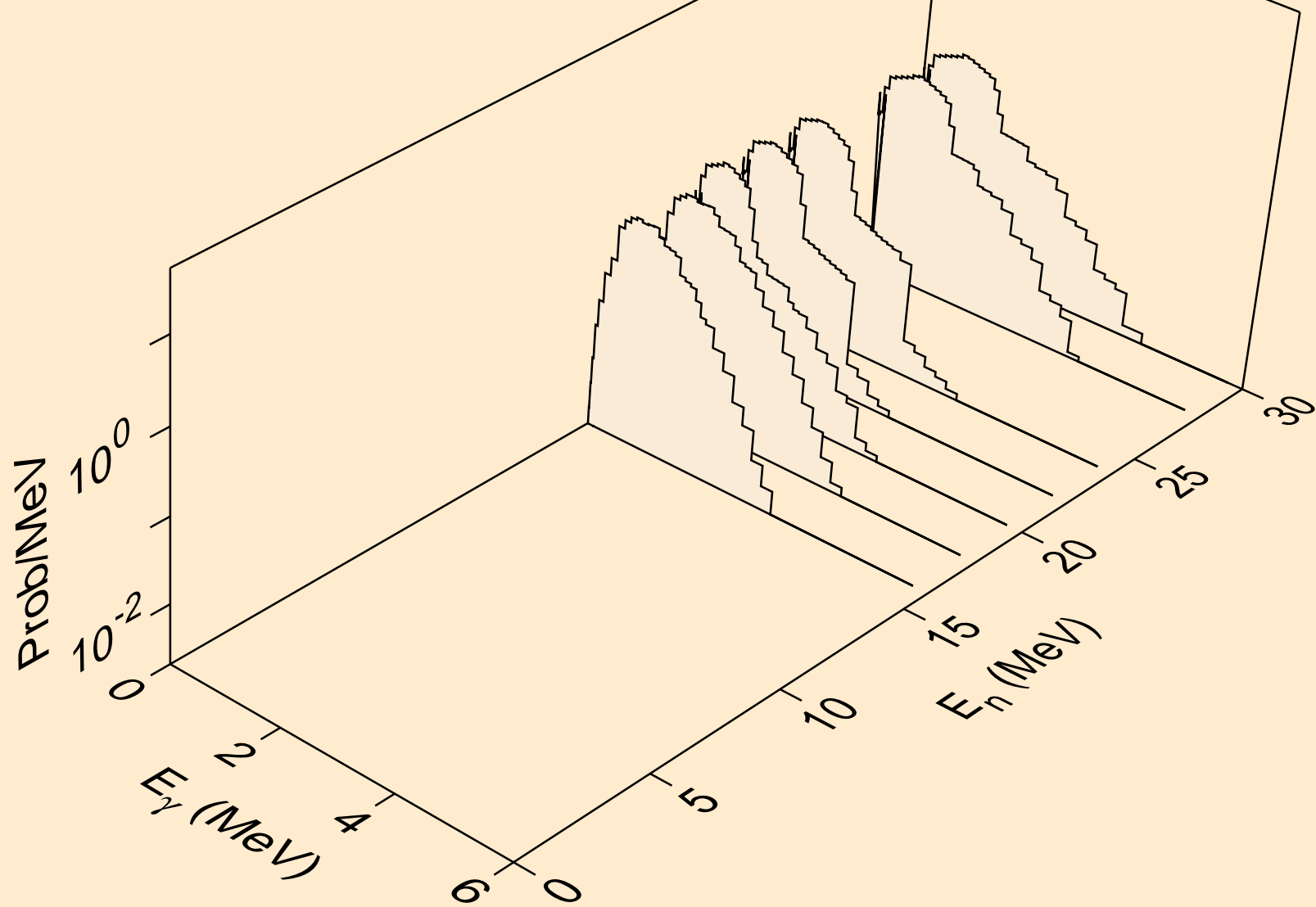


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Photon emission for (n,n\*)2a

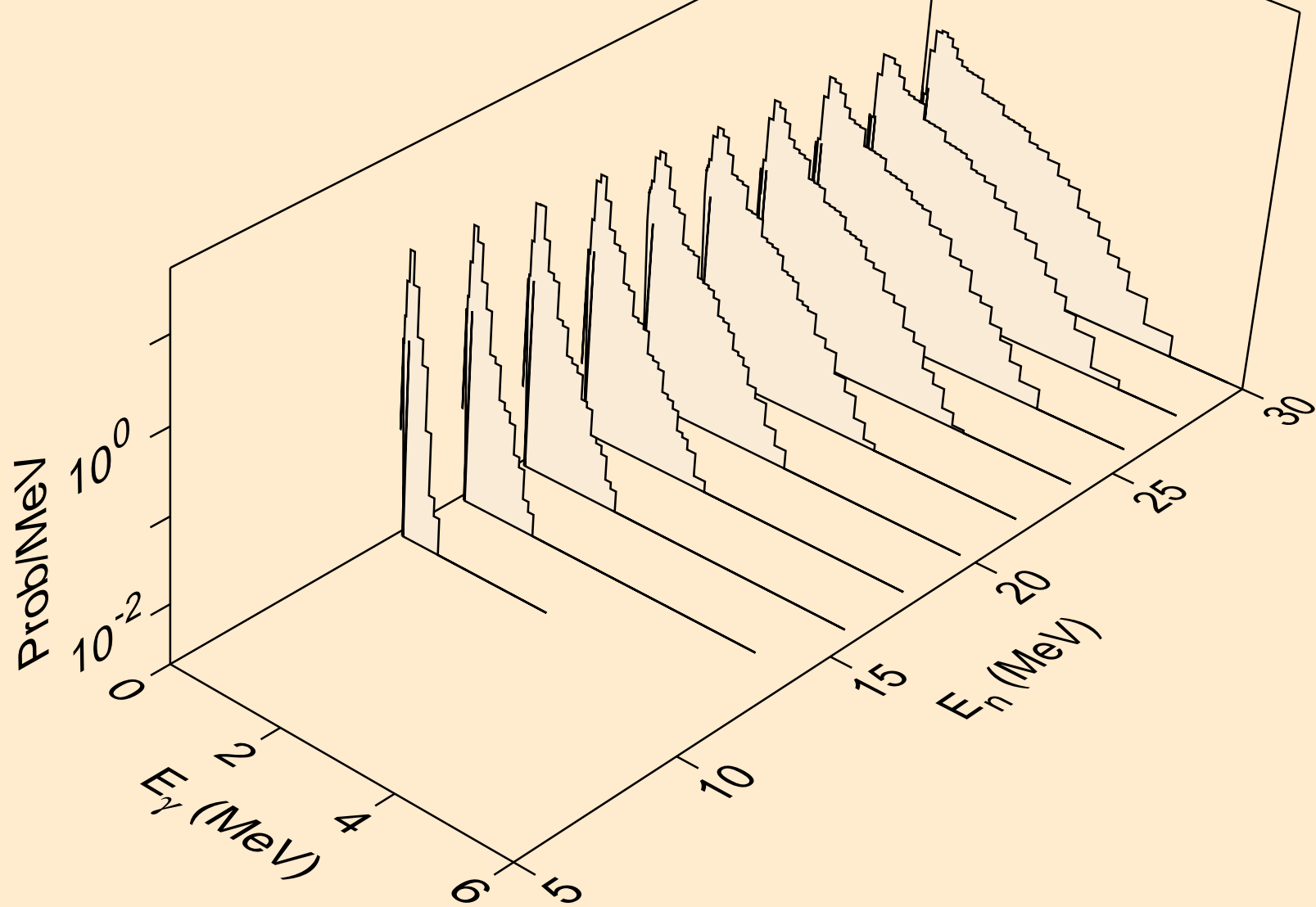




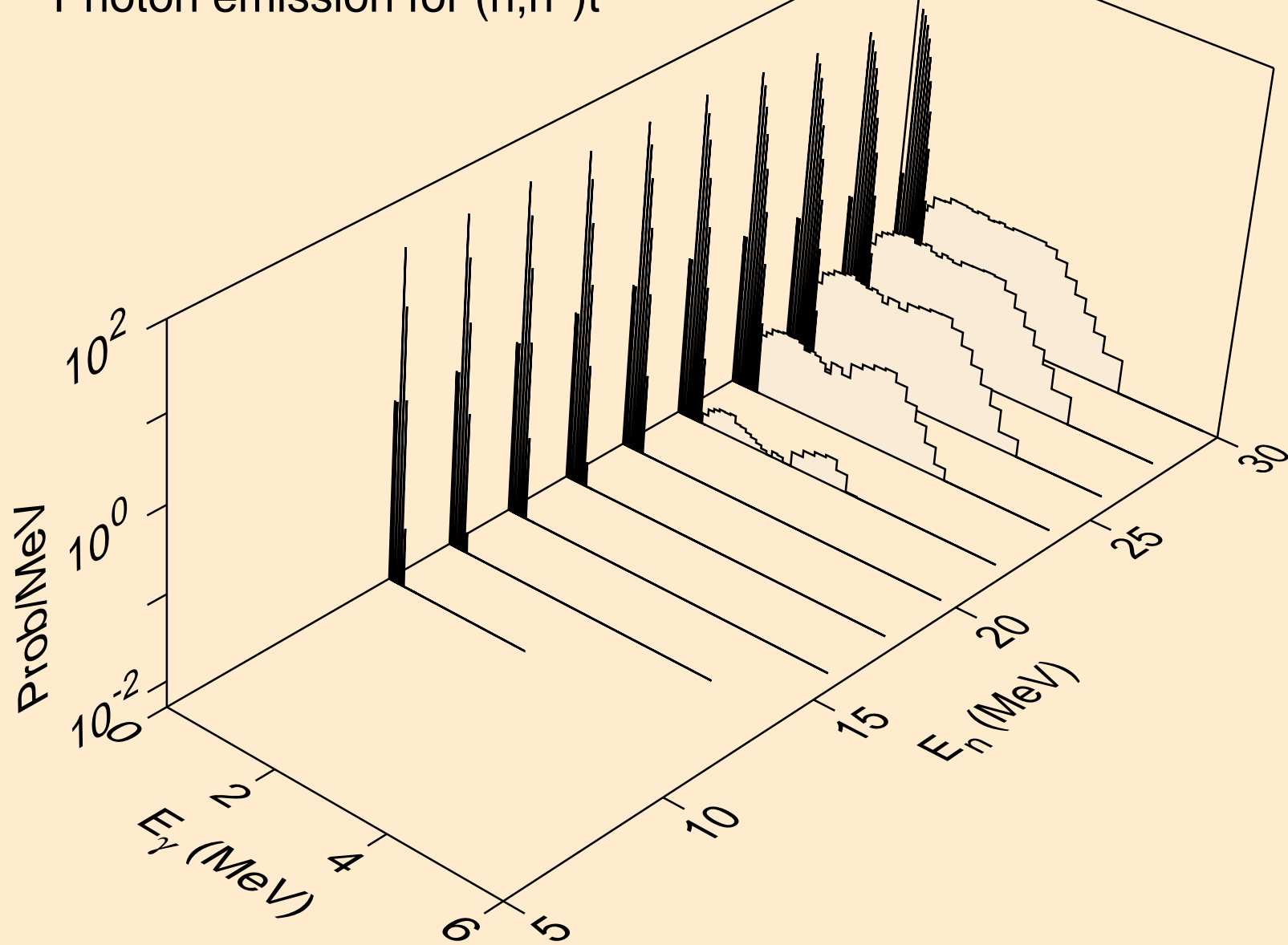
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Photon emission for (n,2n)2a



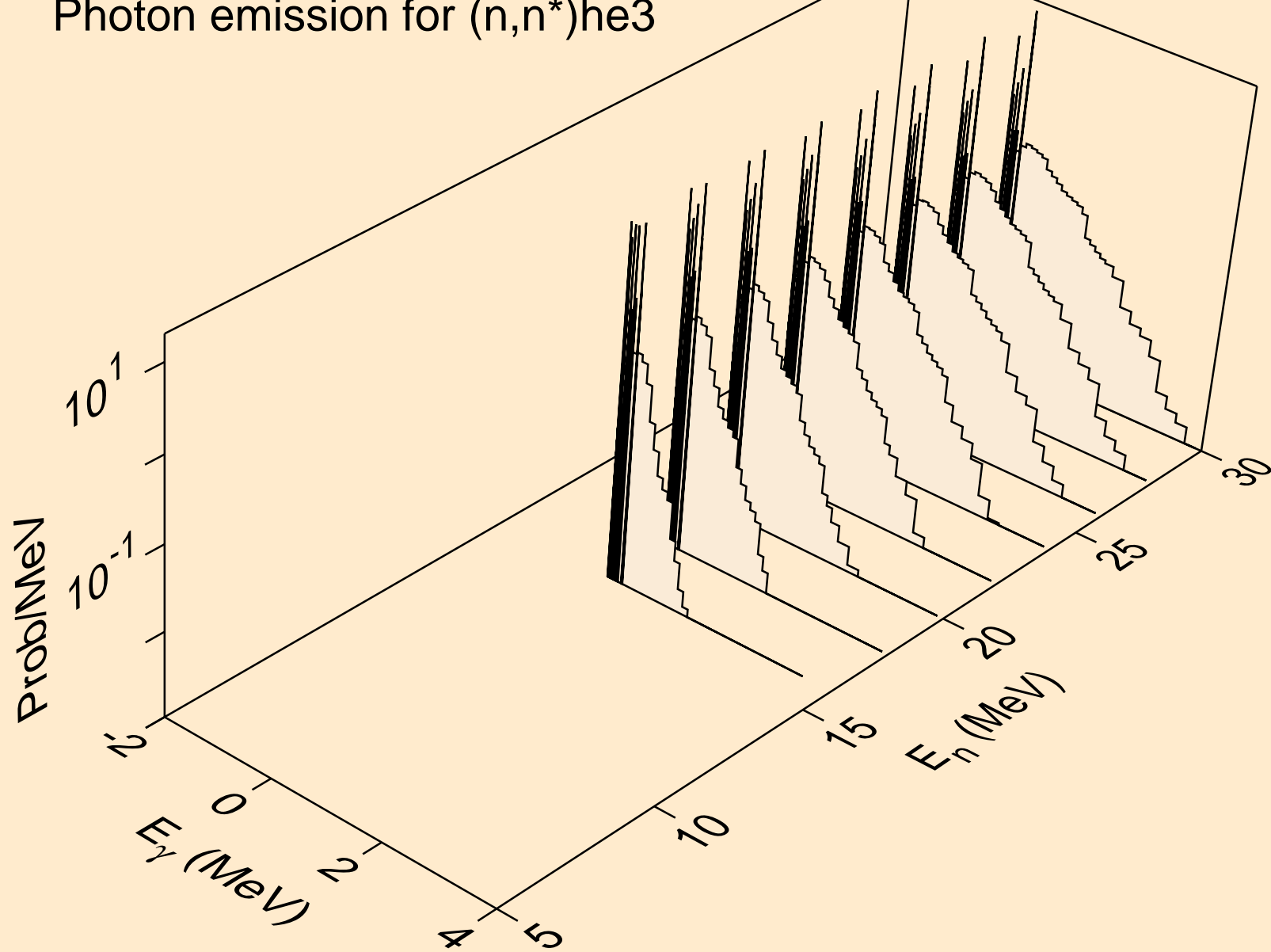
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Photon emission for (n,n\*)d



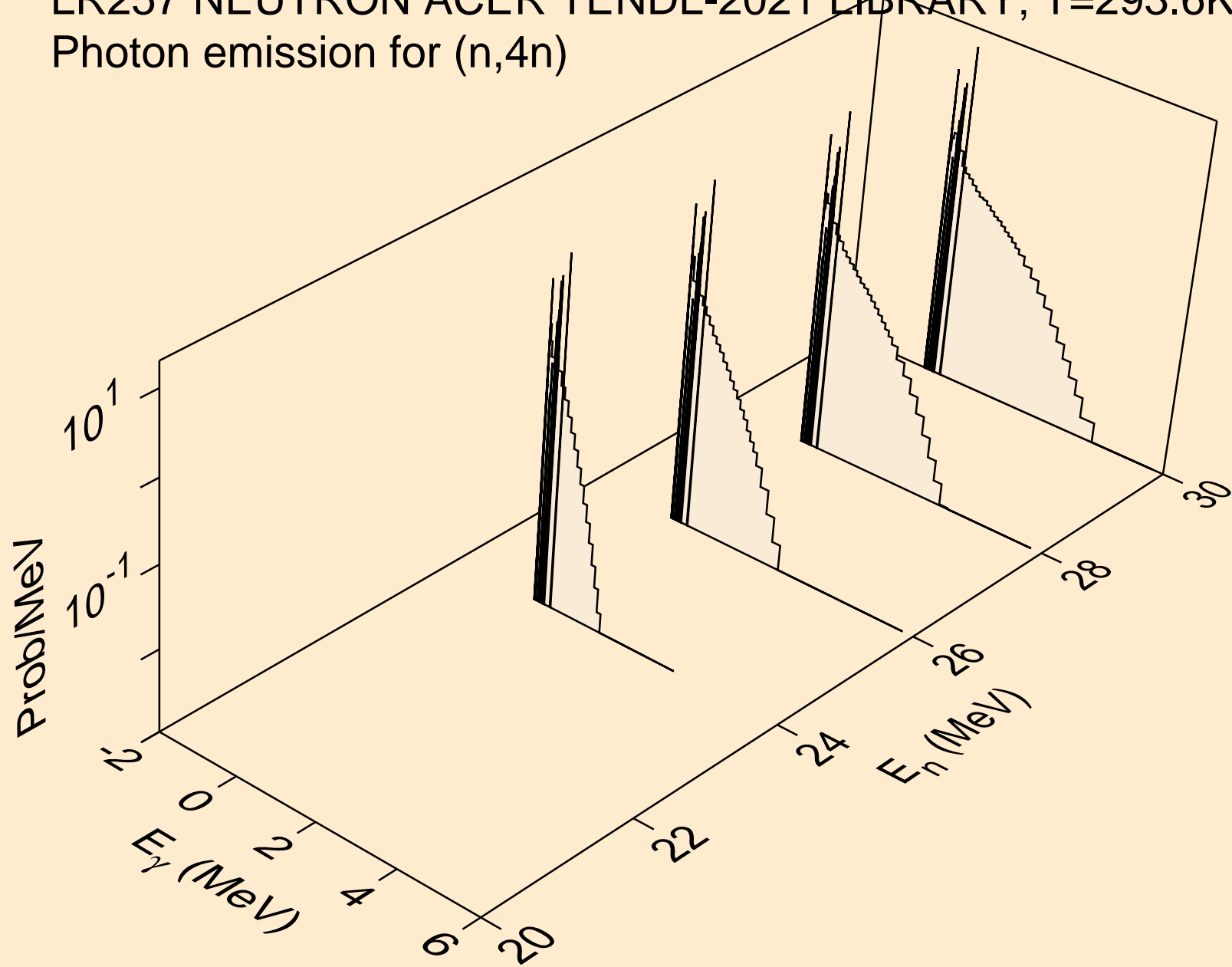
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Photon emission for (n,n\*)t



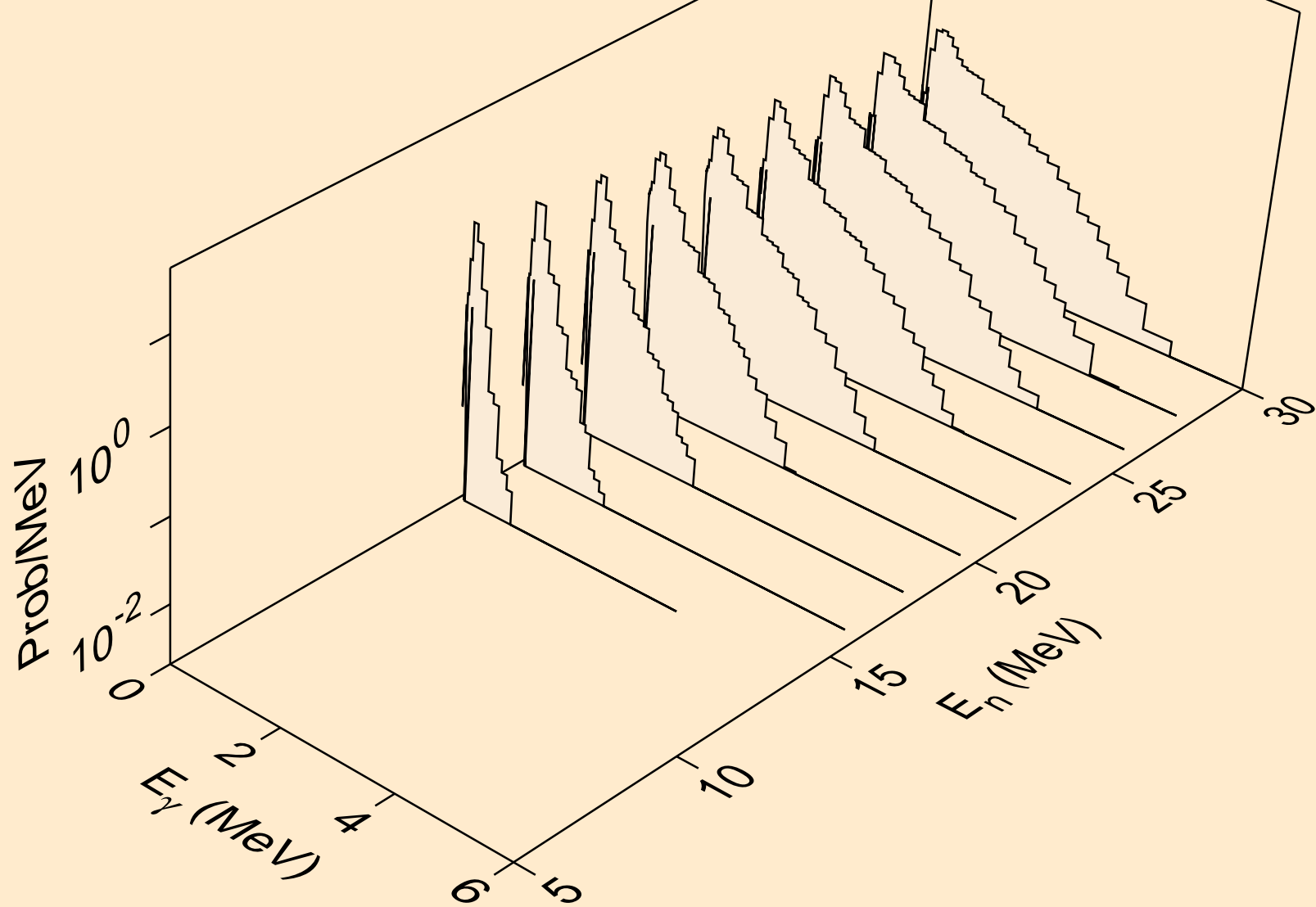
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Photon emission for (n,n\*)he3



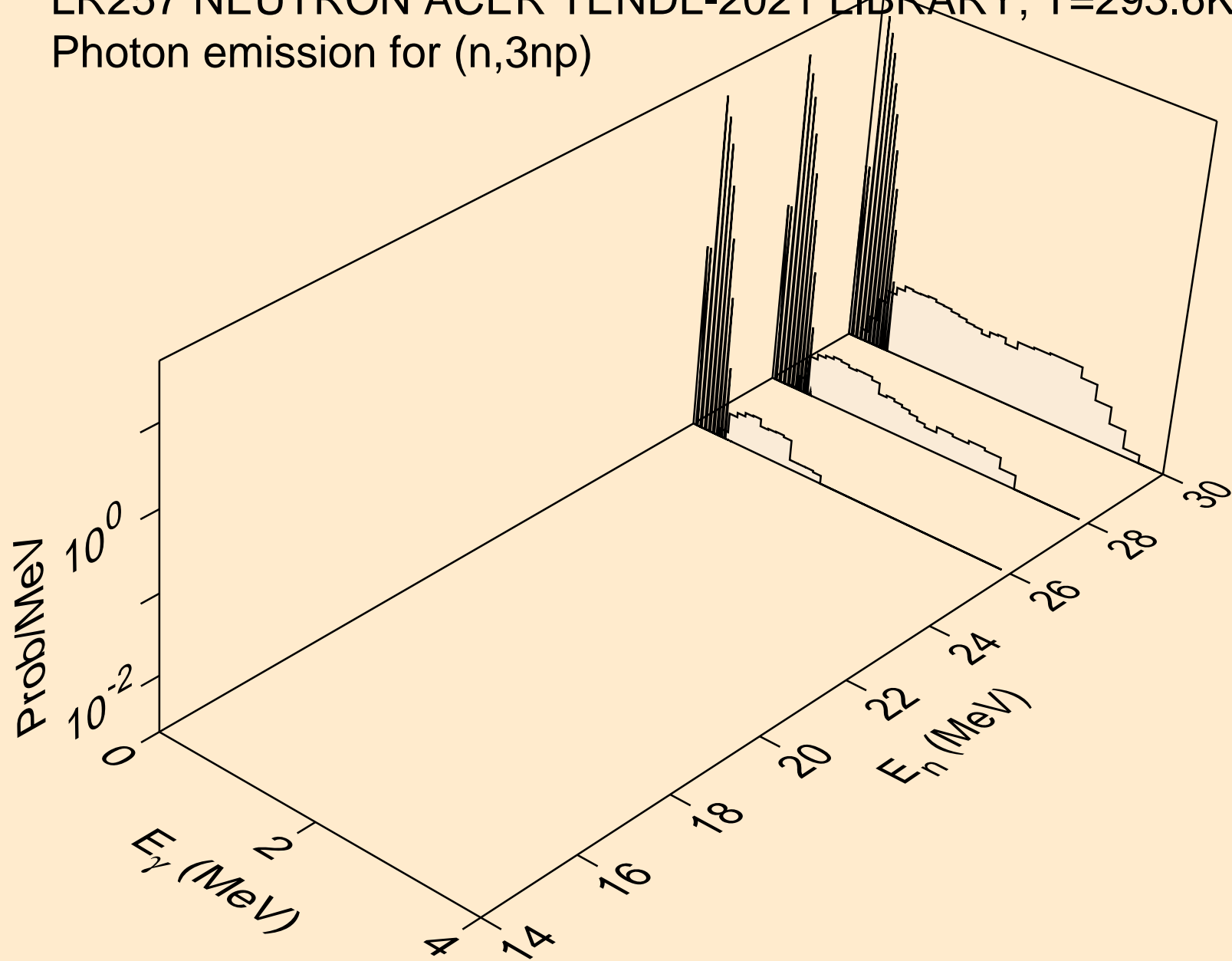
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Photon emission for (n,4n)



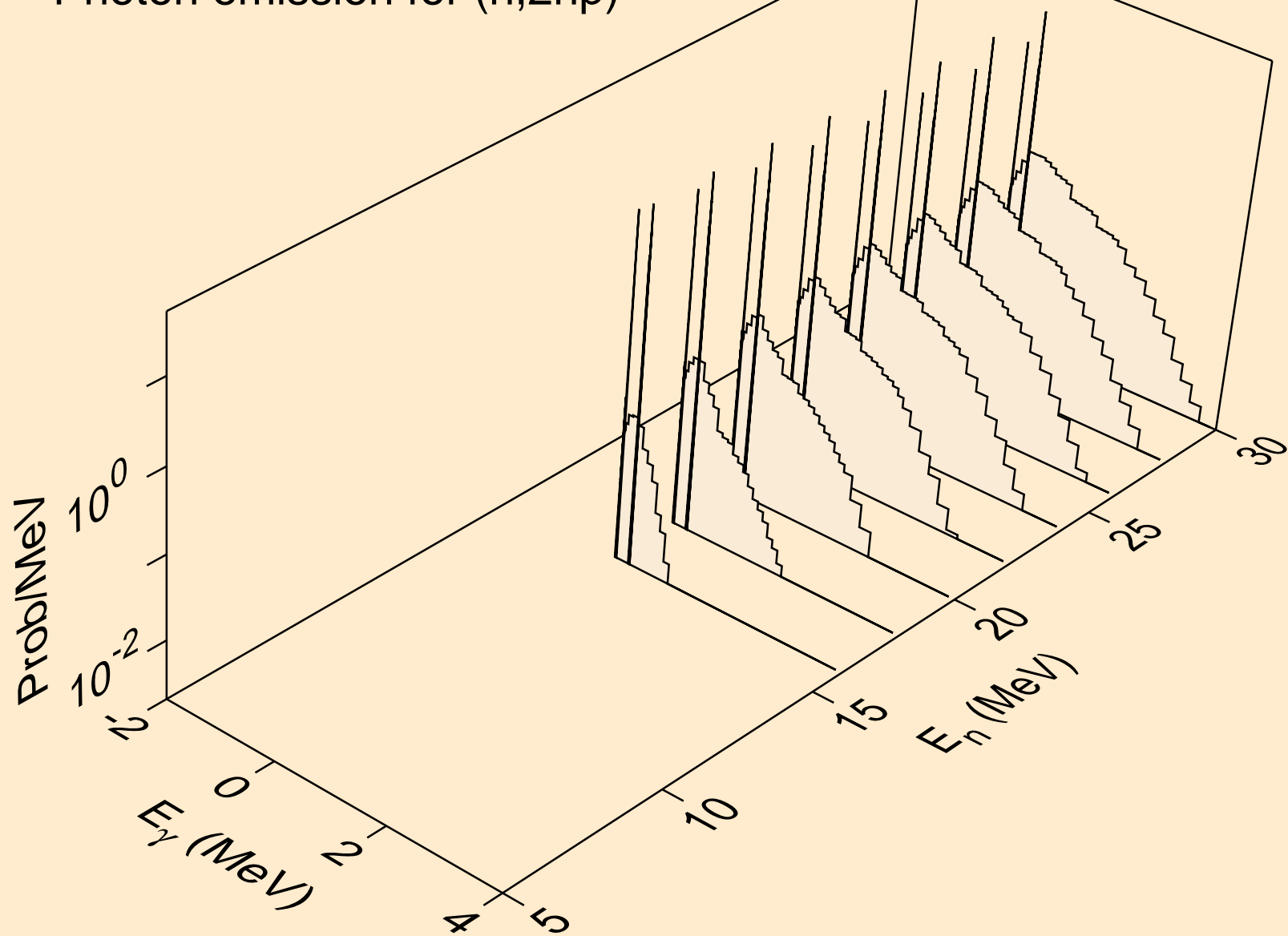
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Photon emission for (n,2np)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

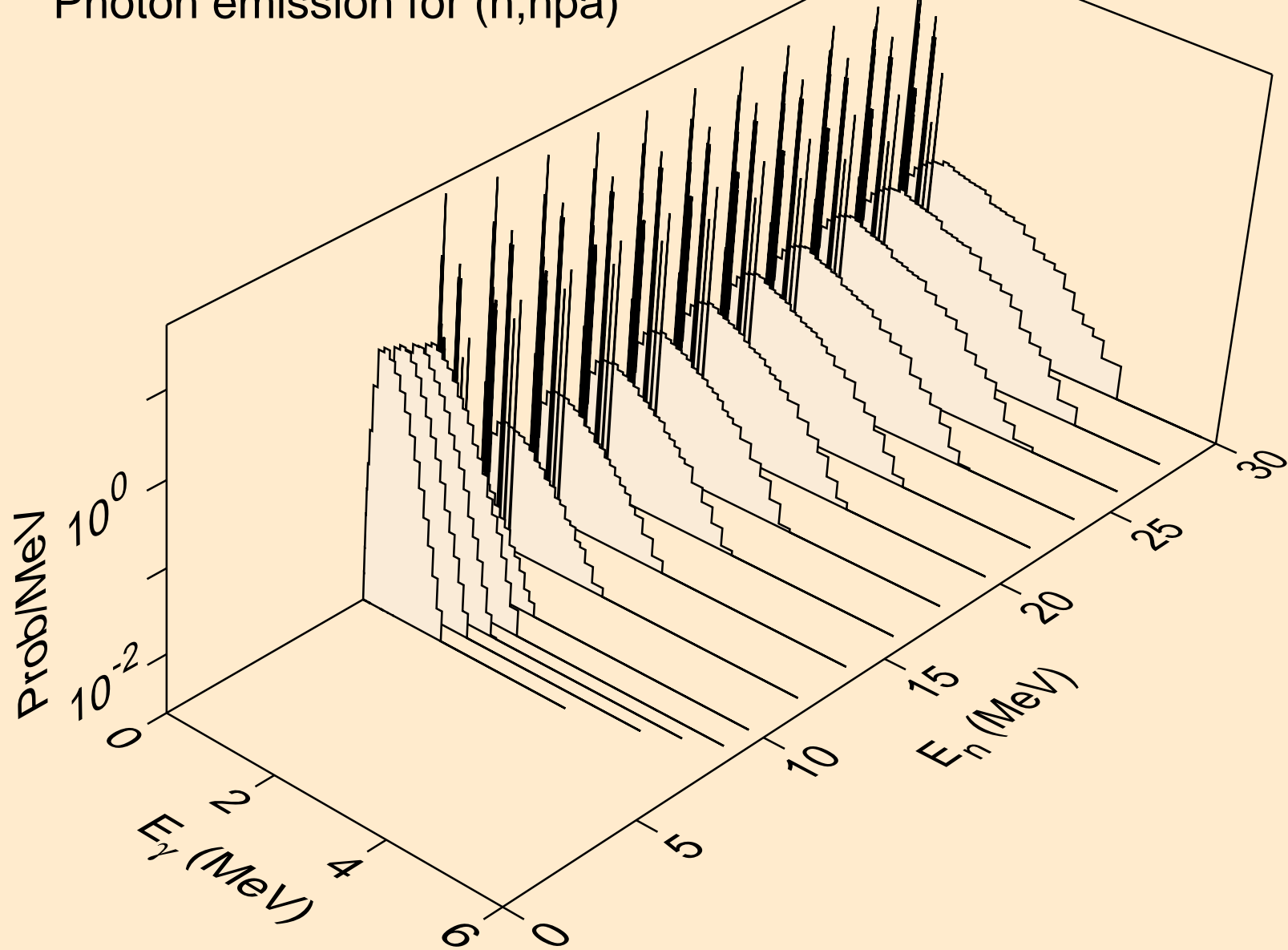


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Photon emission for (n,2np)

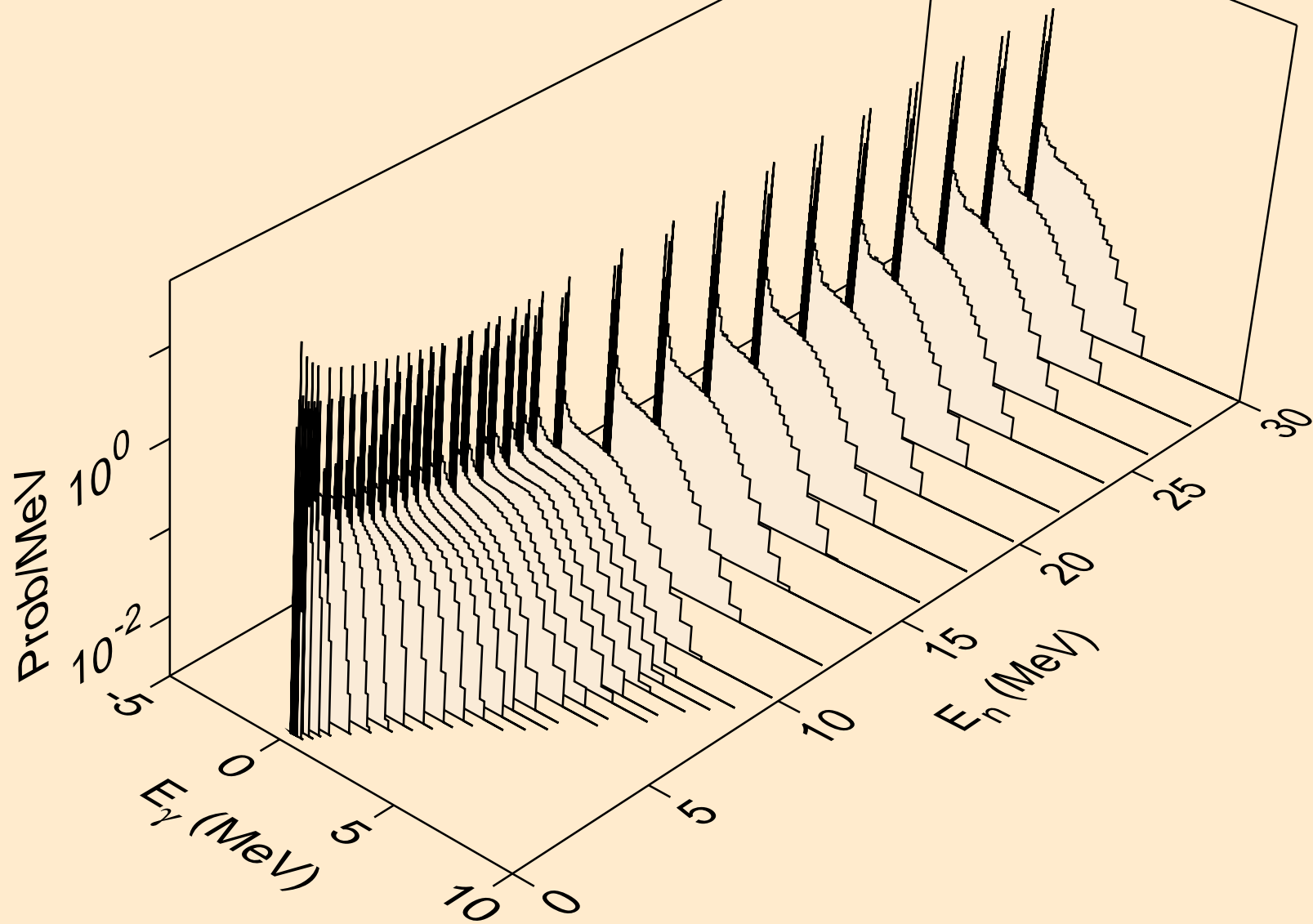




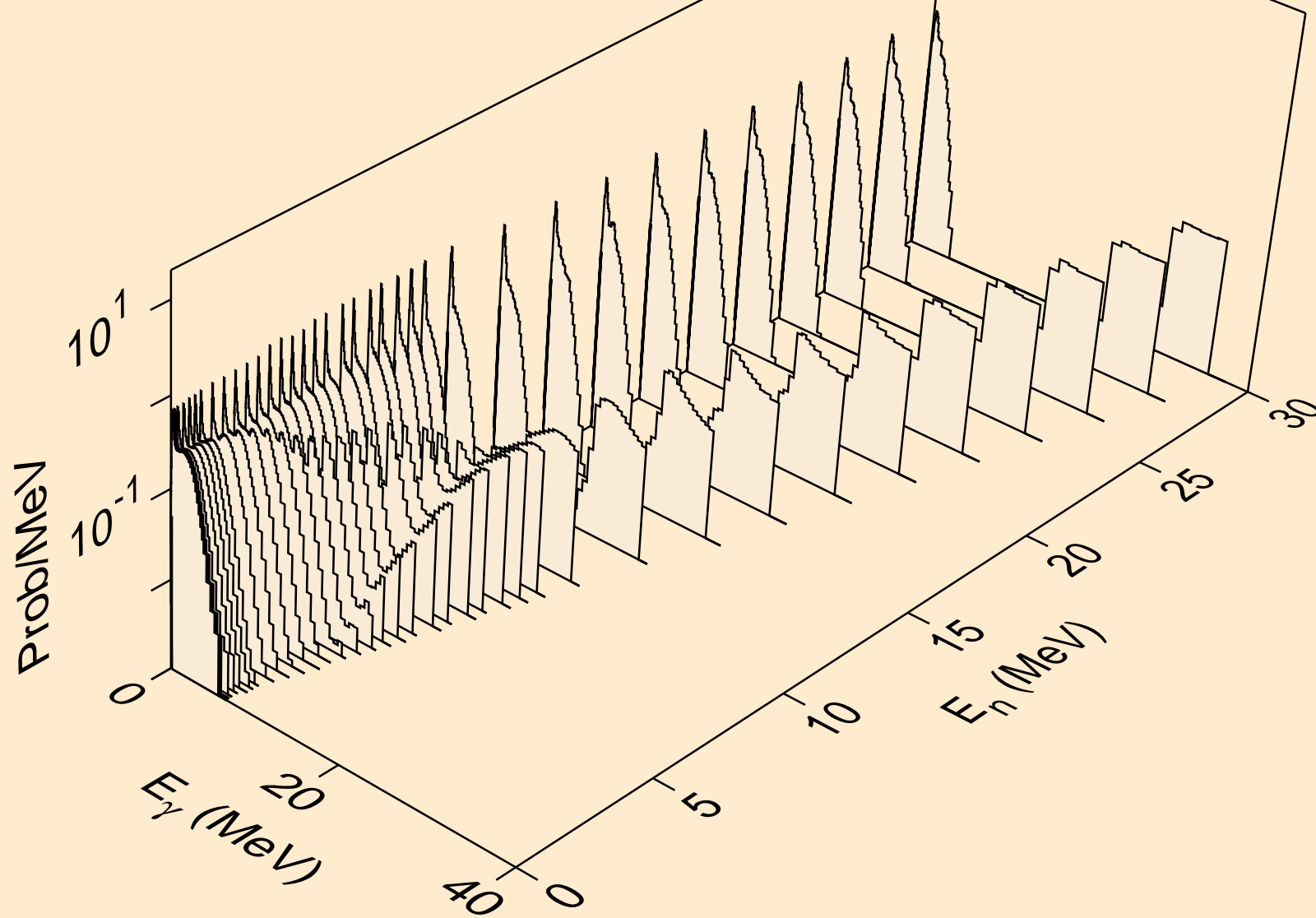
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Photon emission for (n,npa)



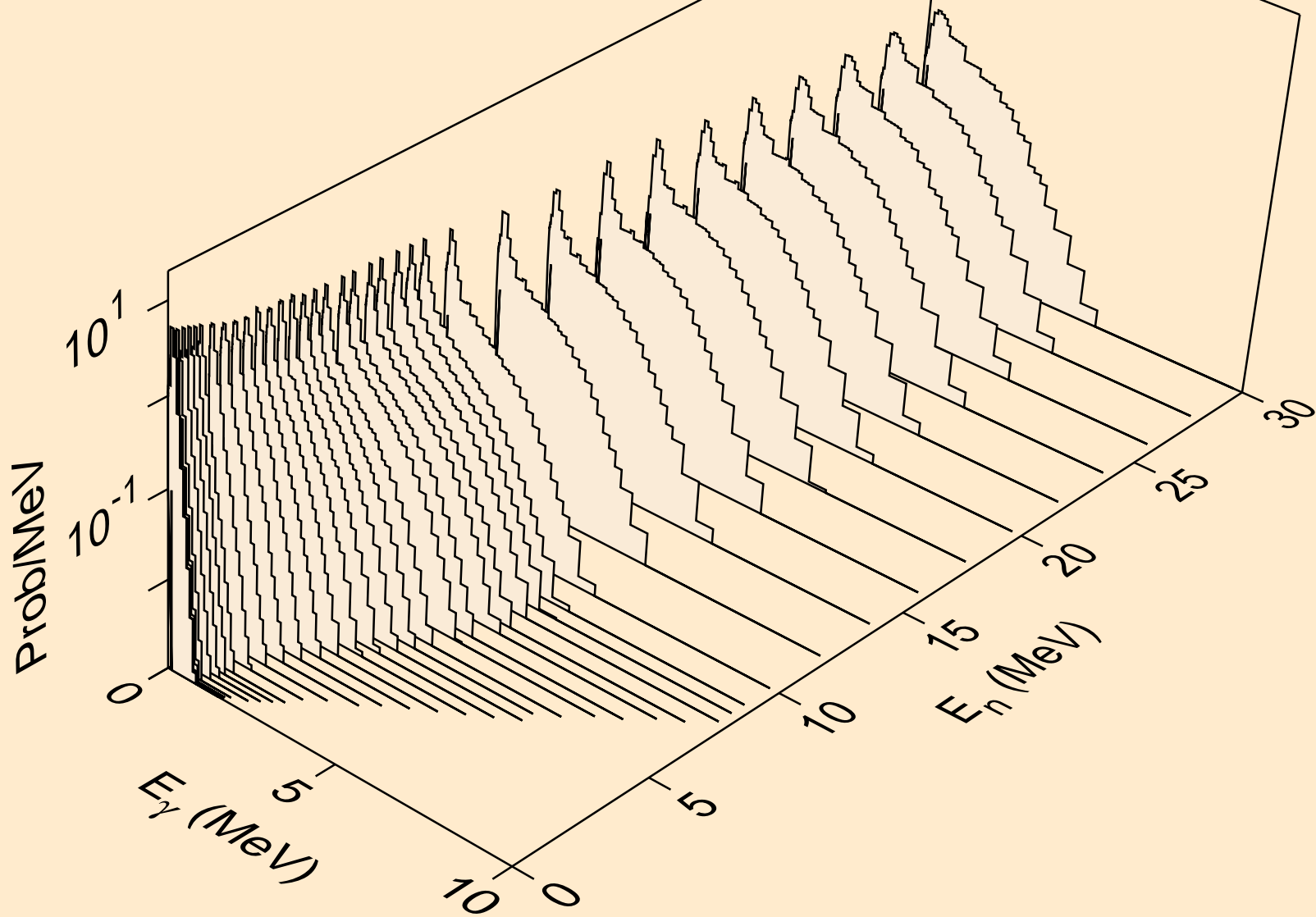
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



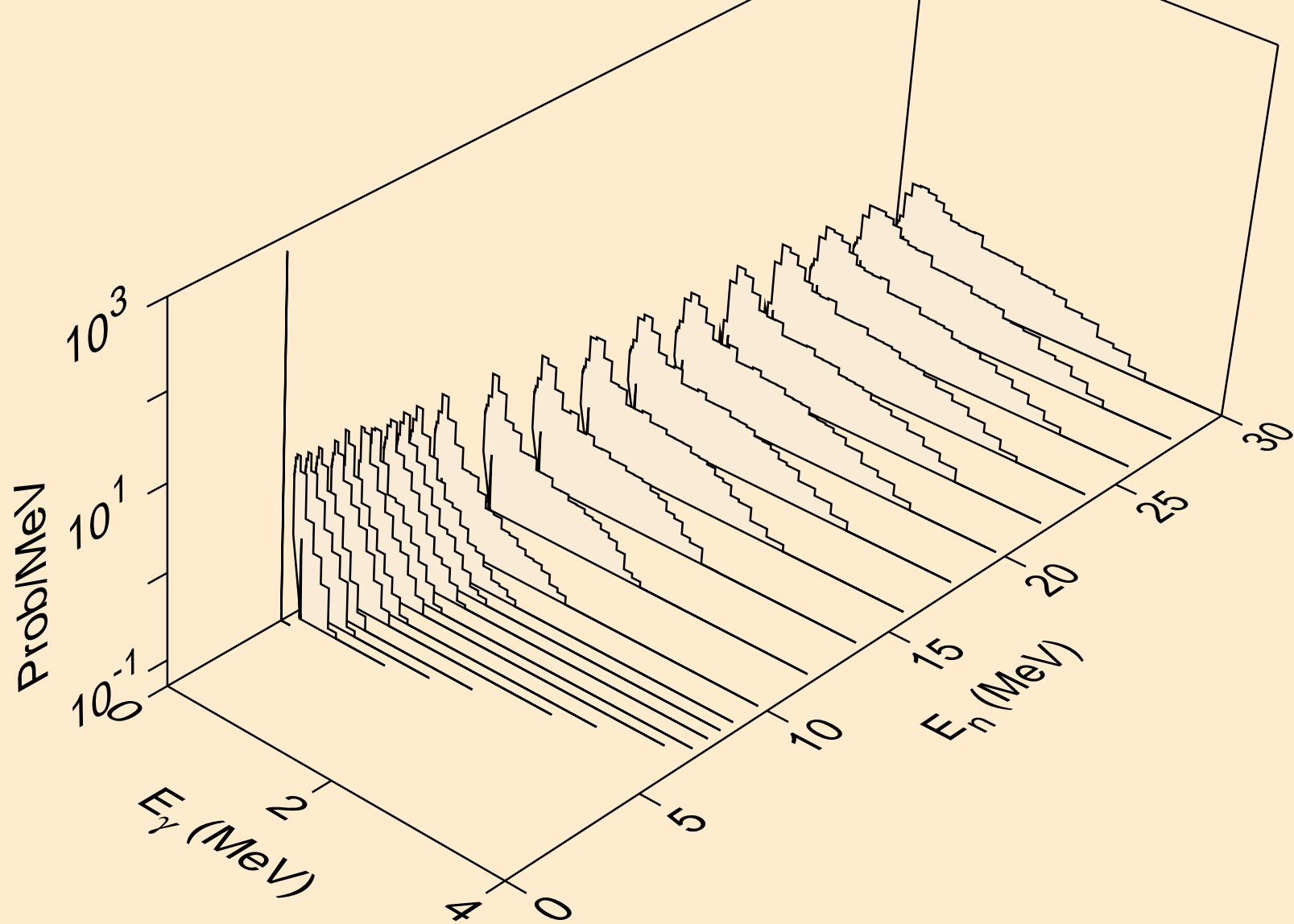
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



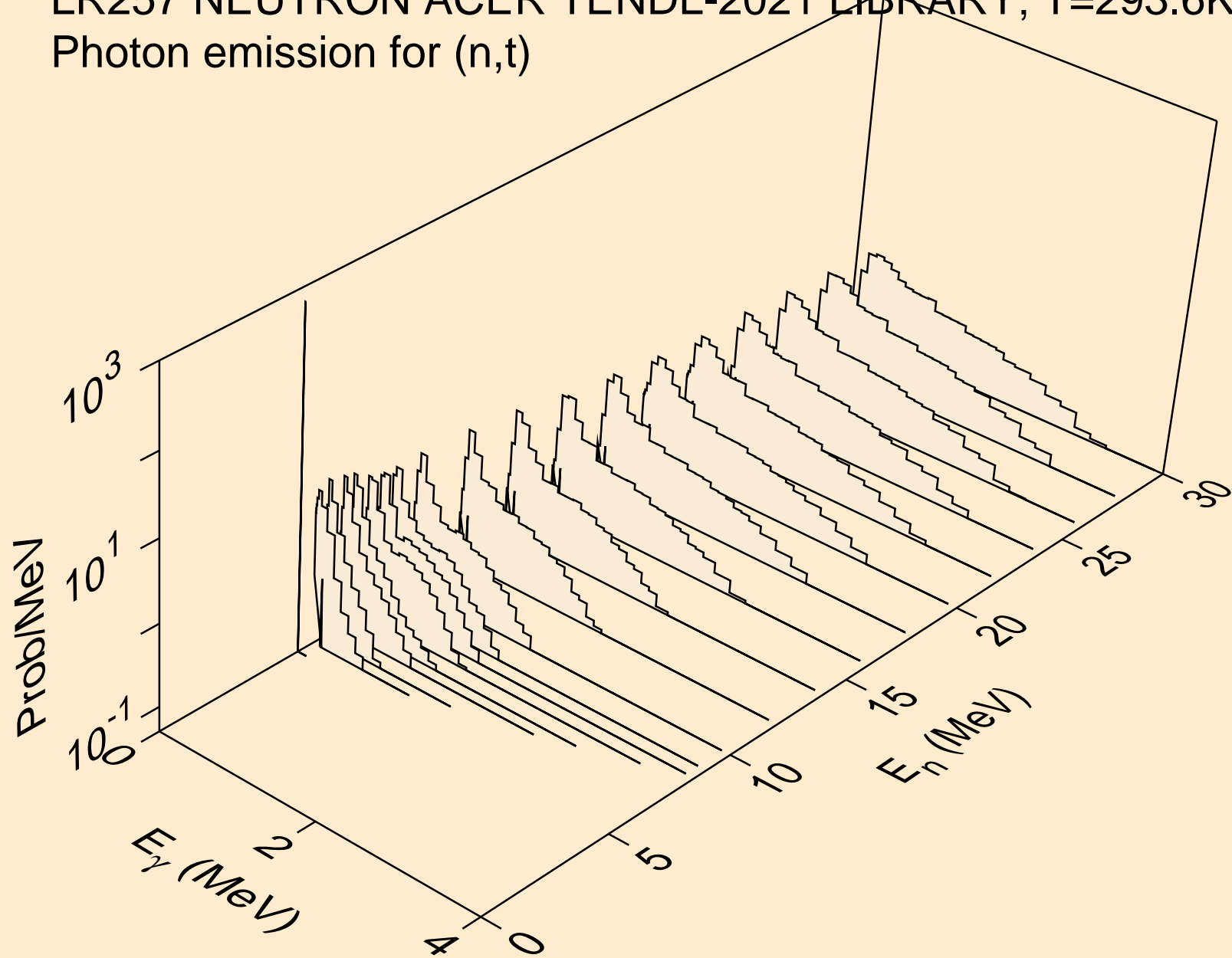
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Photon emission for (n,p)



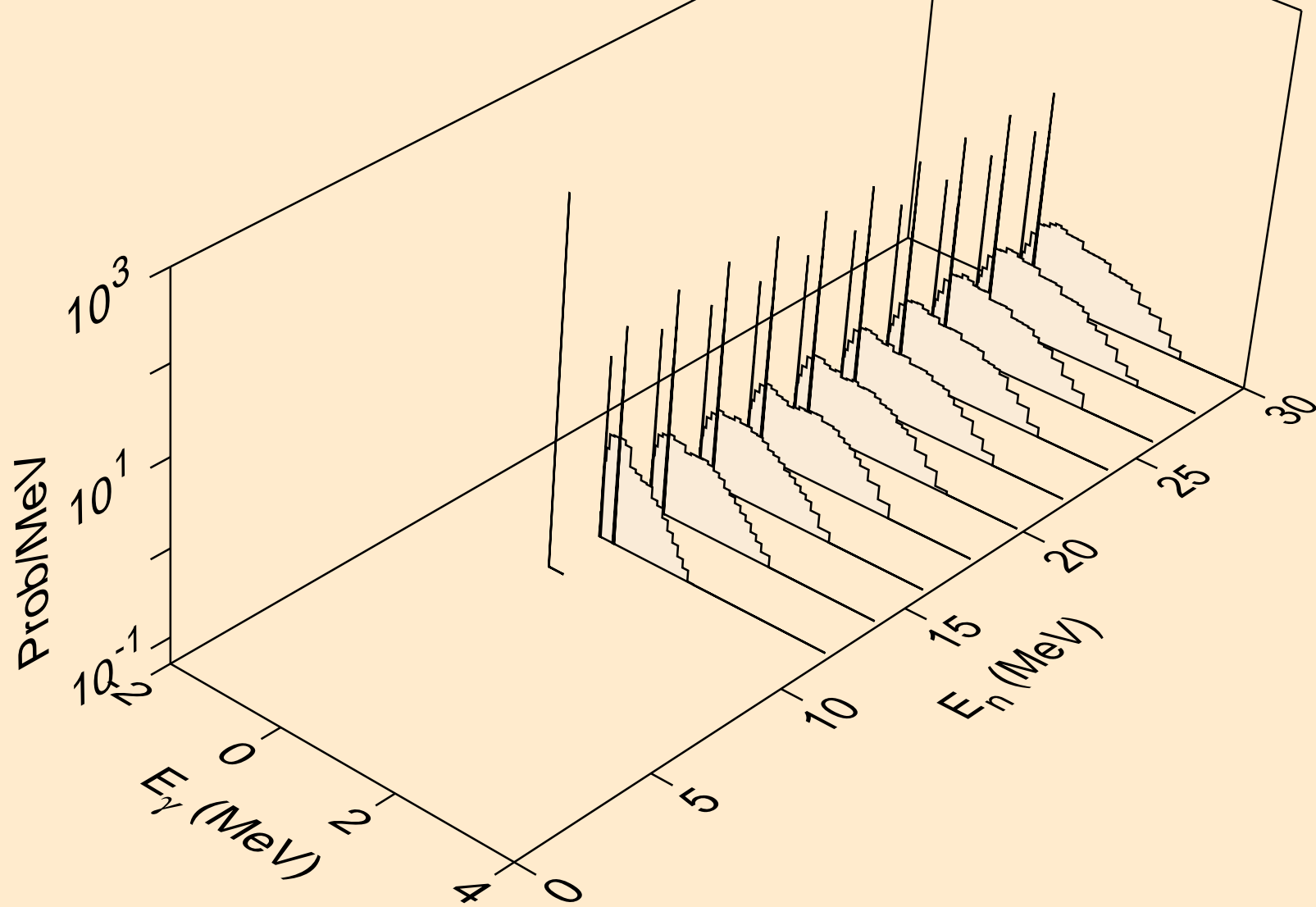
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Photon emission for (n,d)



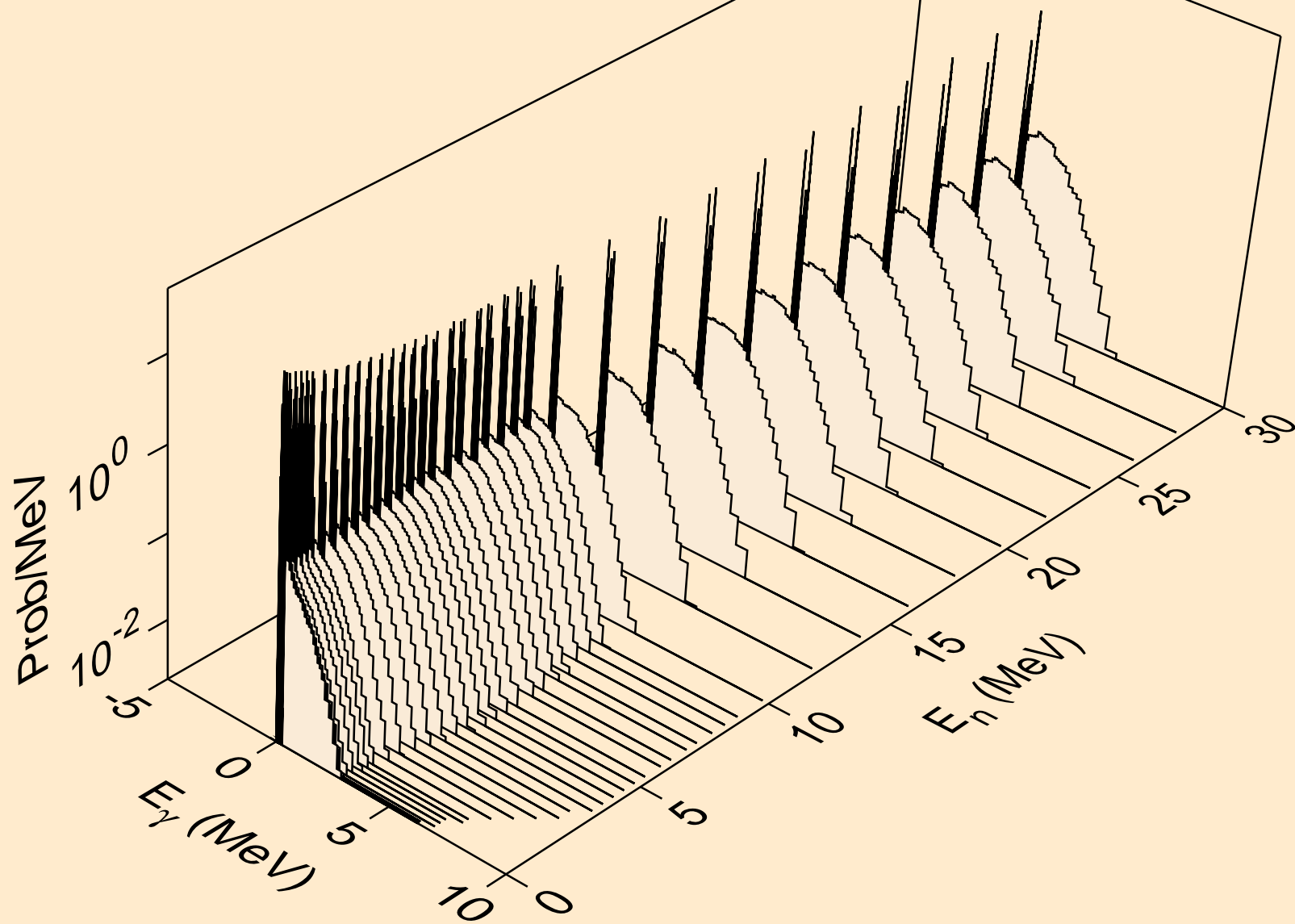
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

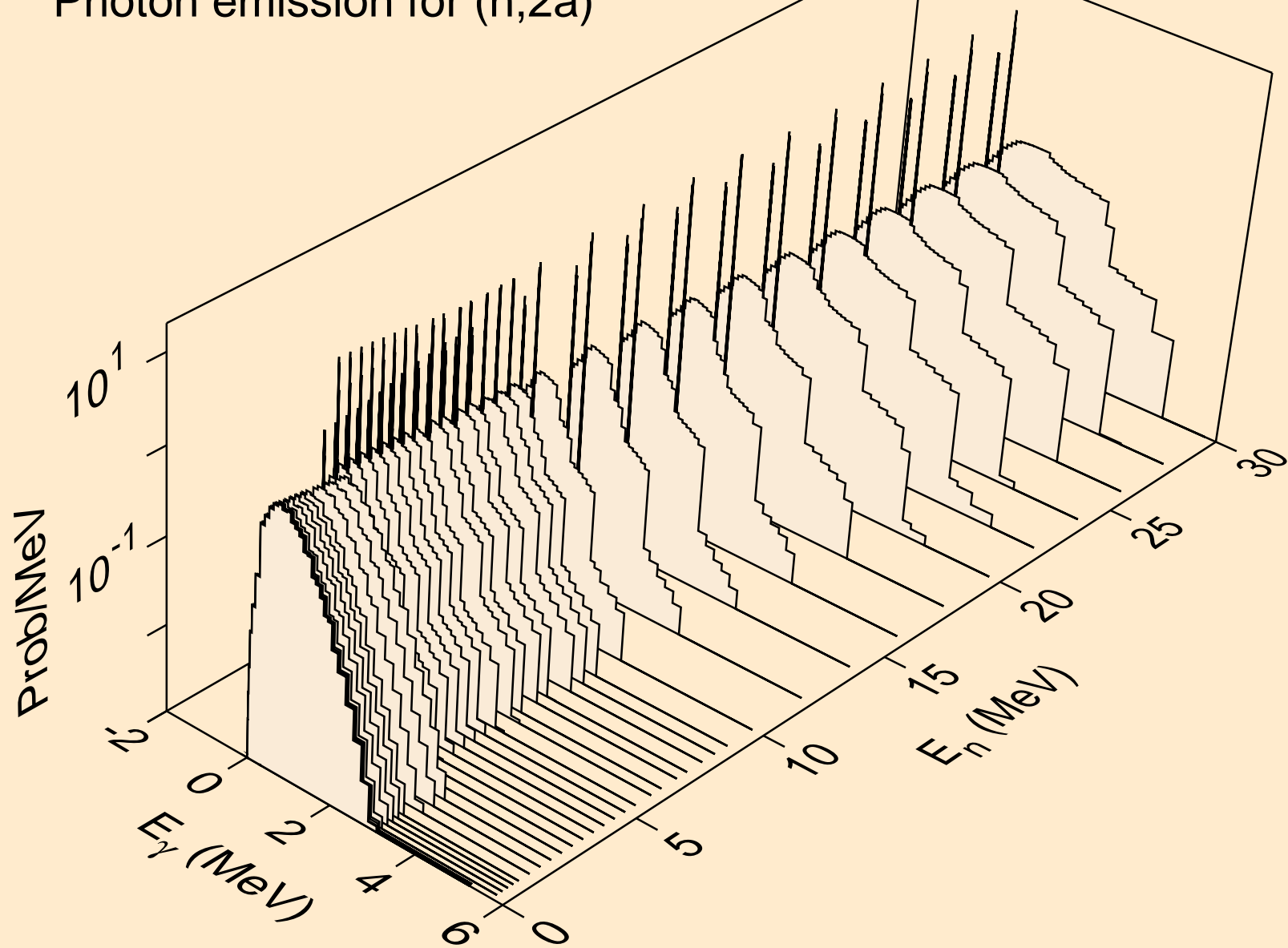


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Photon emission for (n,a)

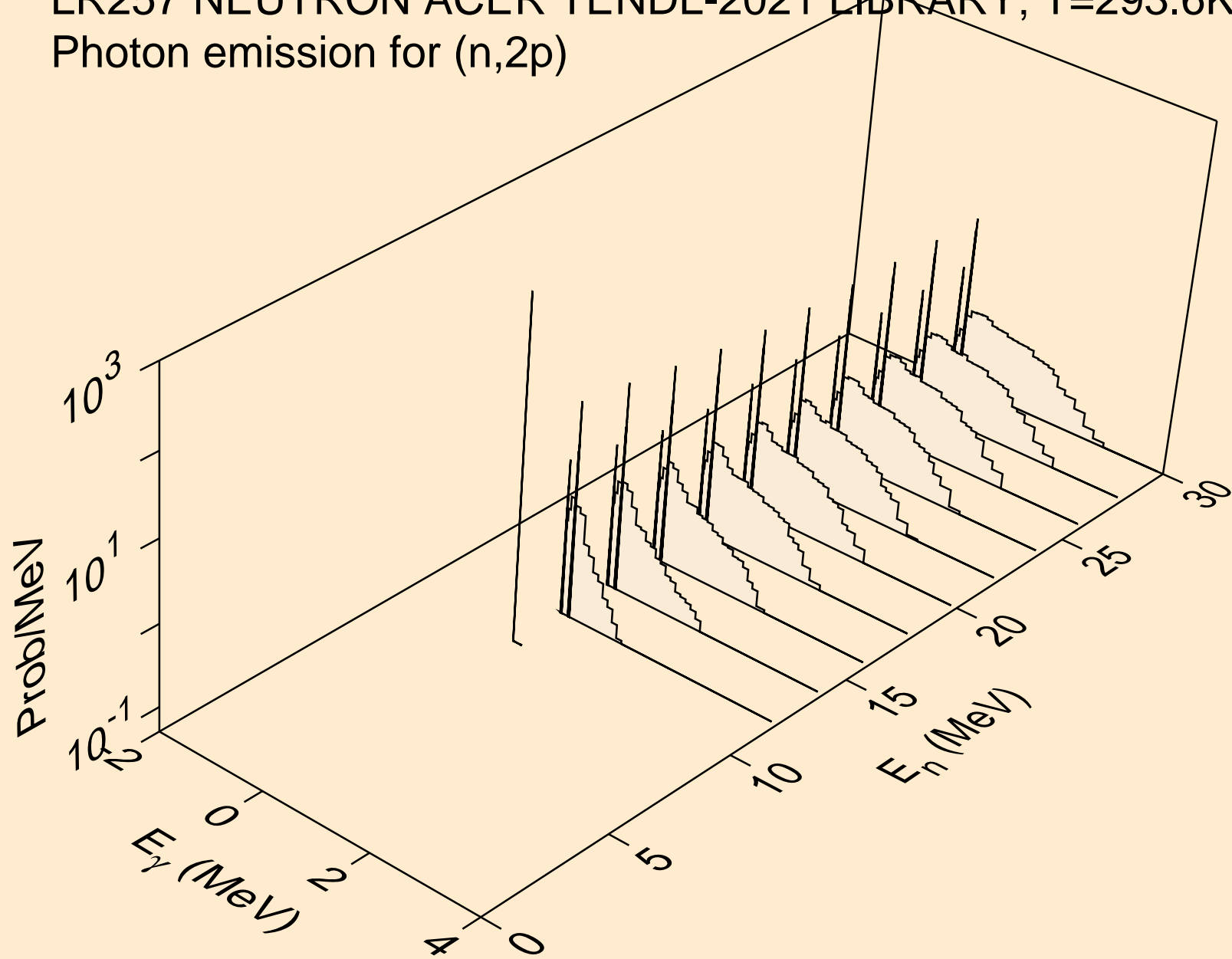




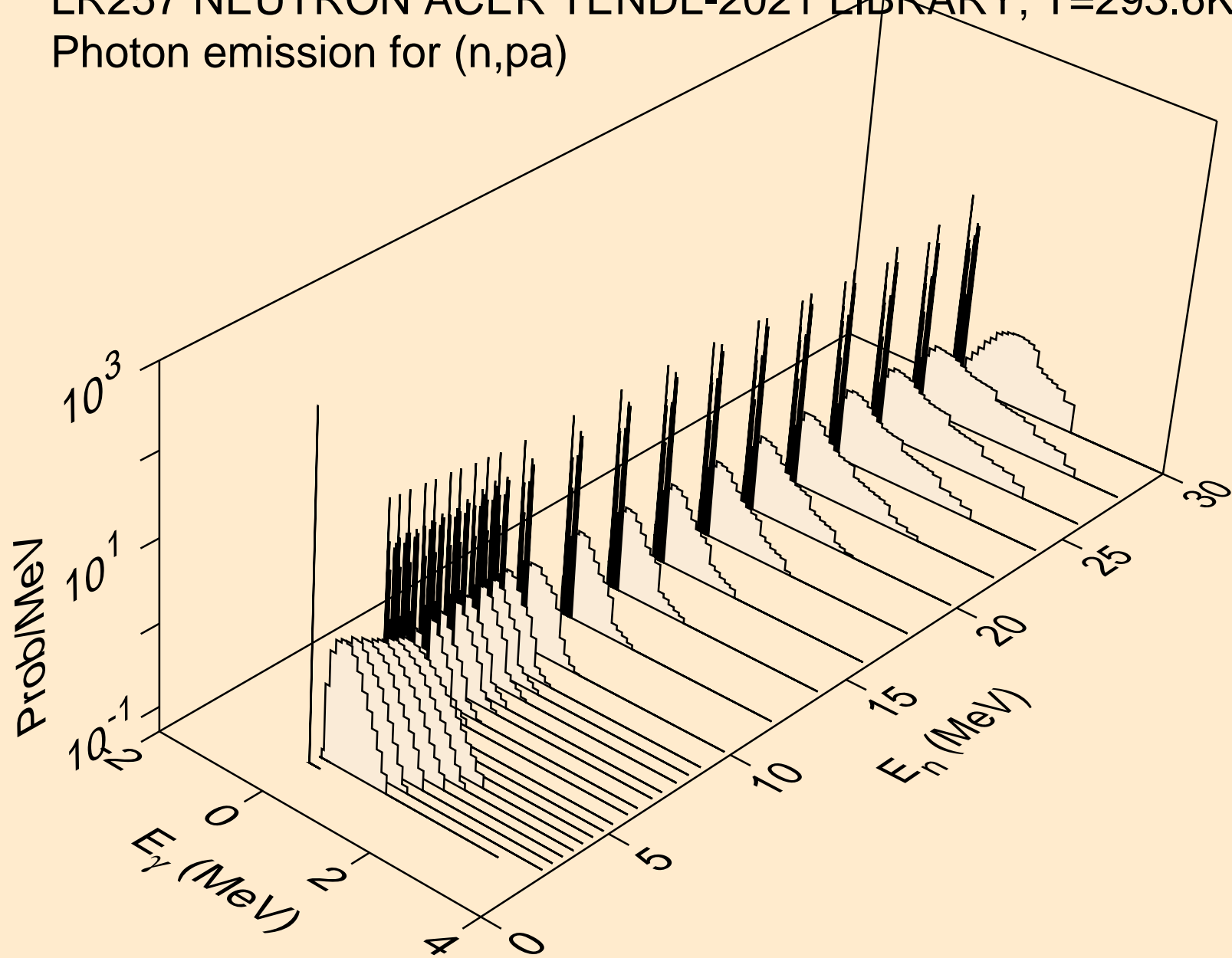
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Photon emission for (n,2a)



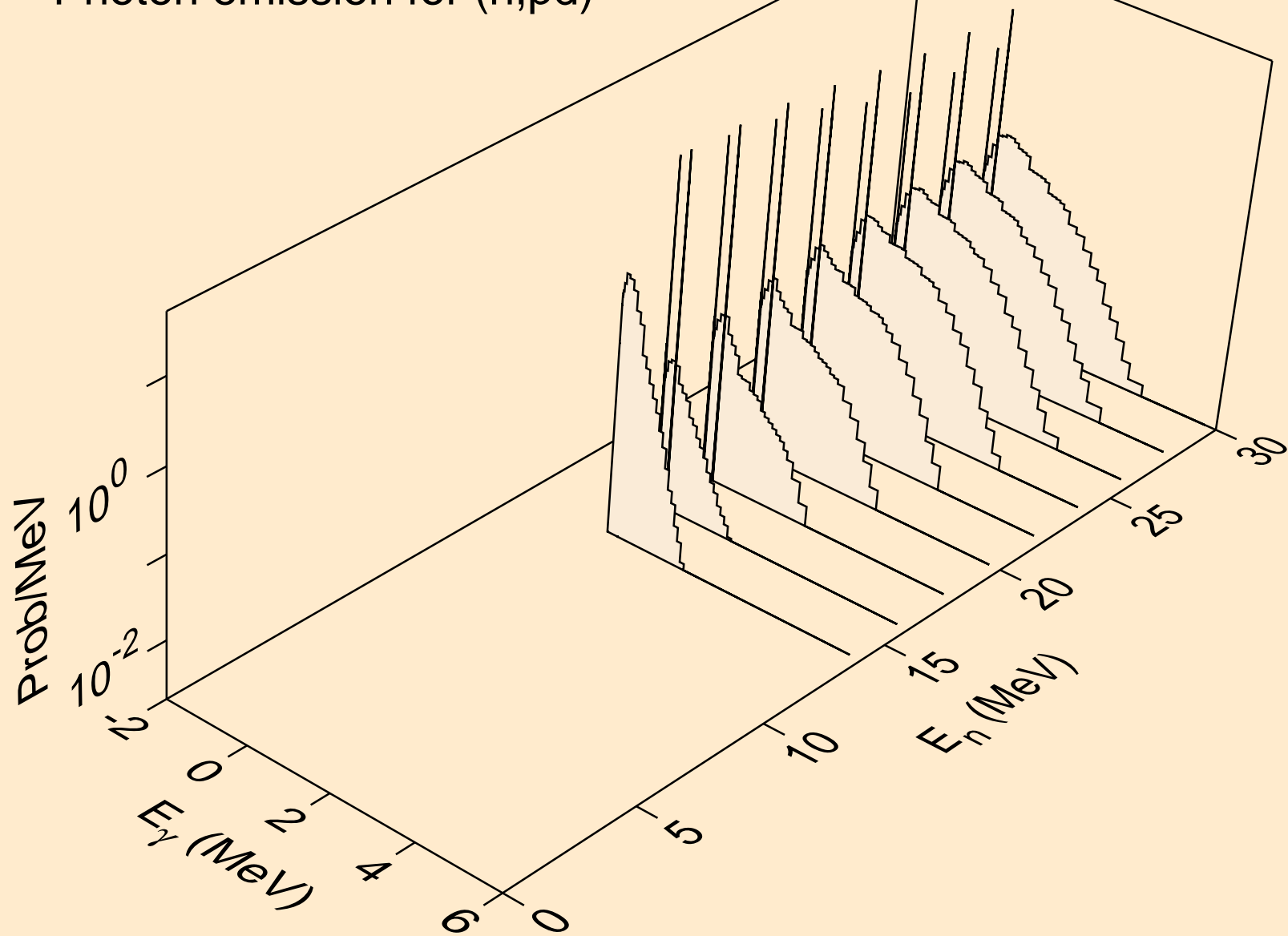
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Photon emission for (n,2p)



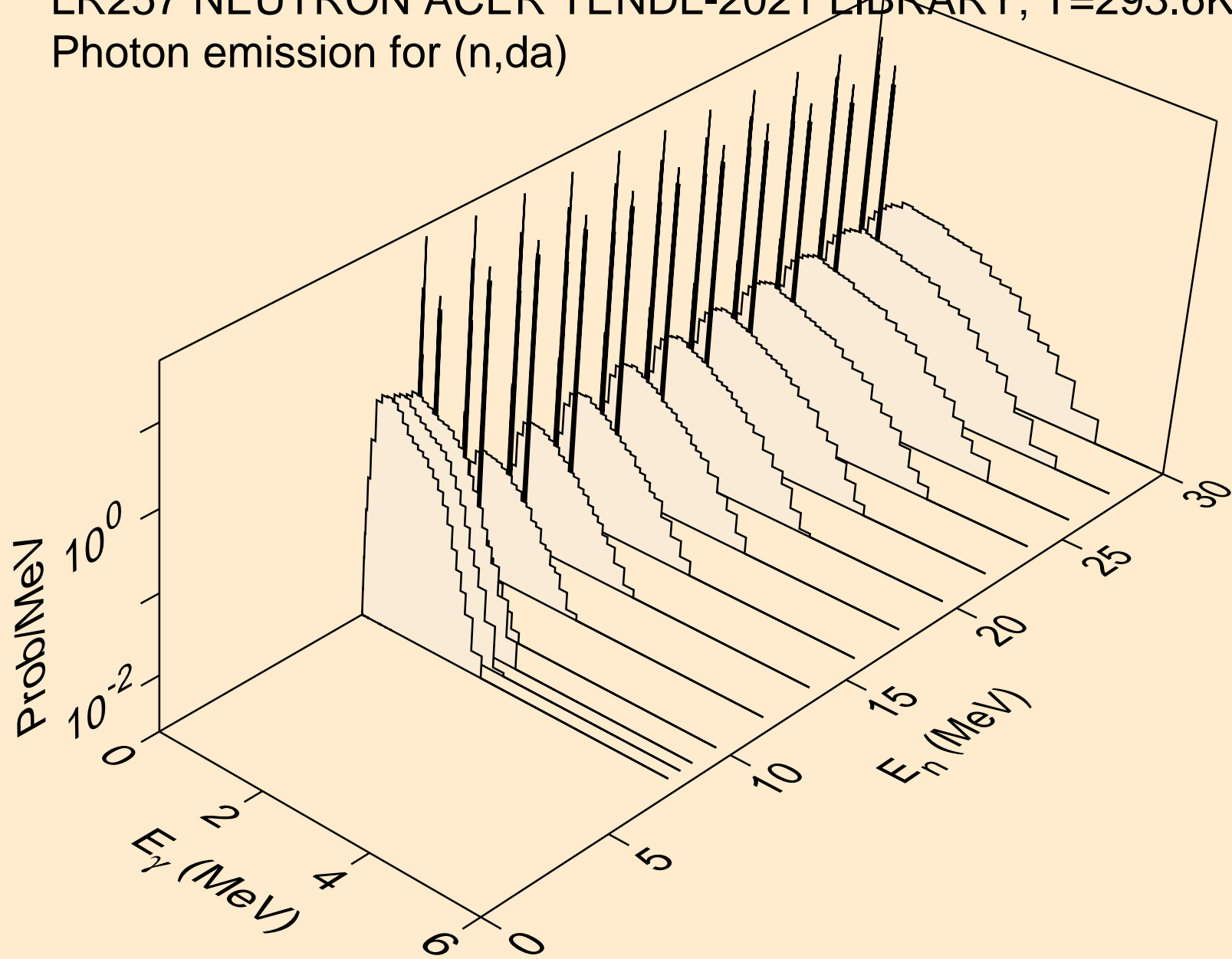
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Photon emission for (n,p)



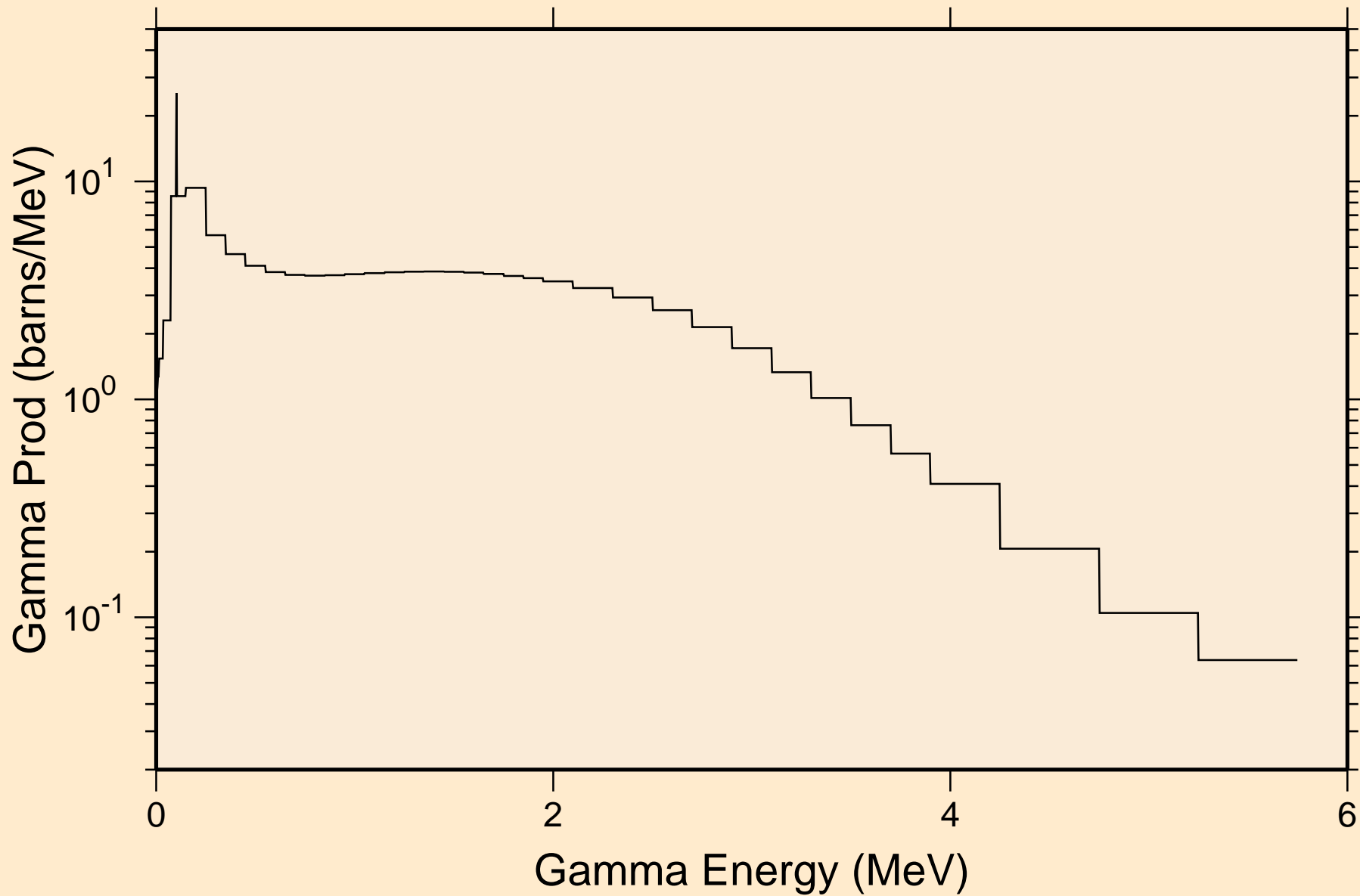
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Photon emission for (n,pd)



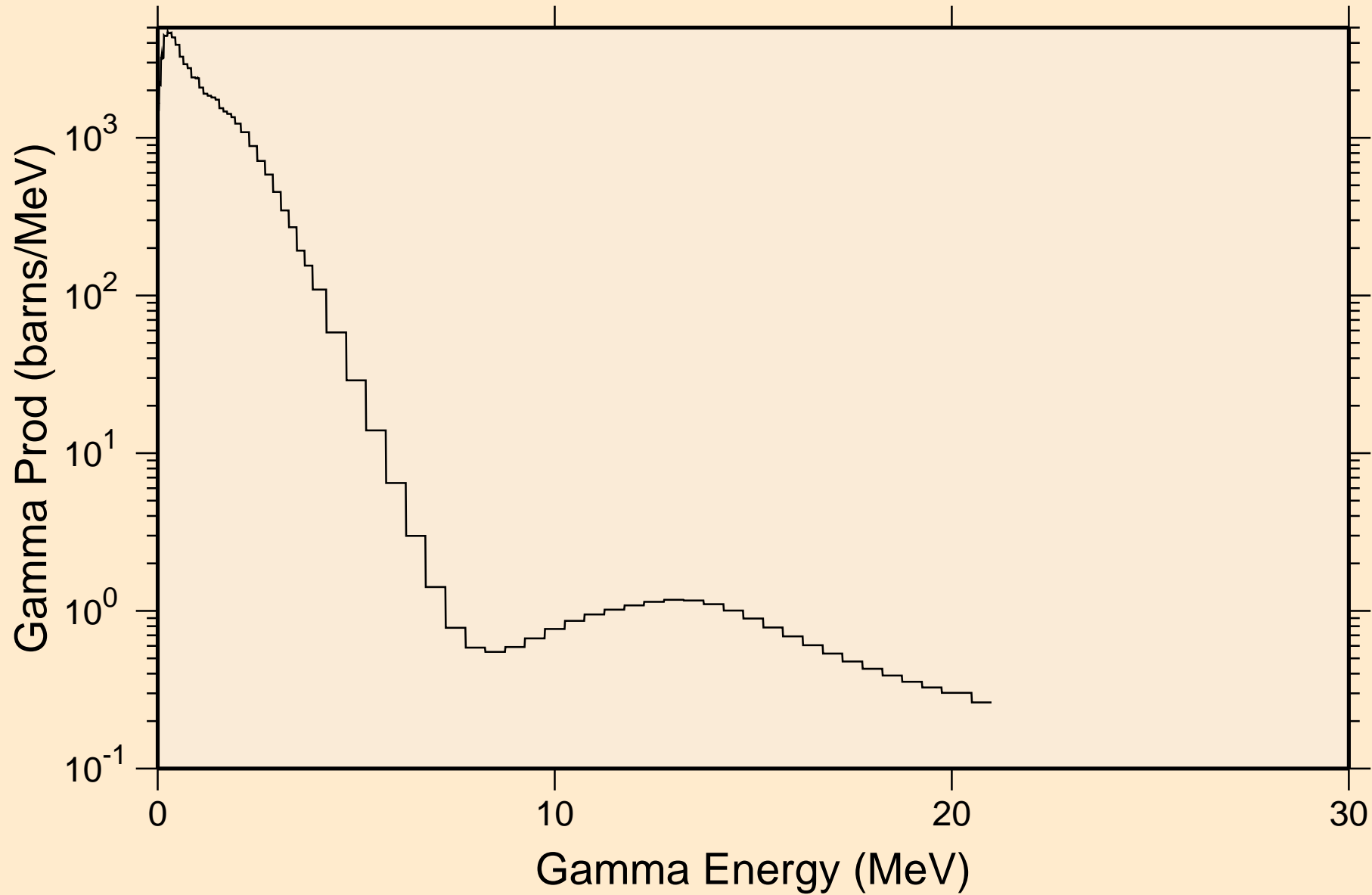
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

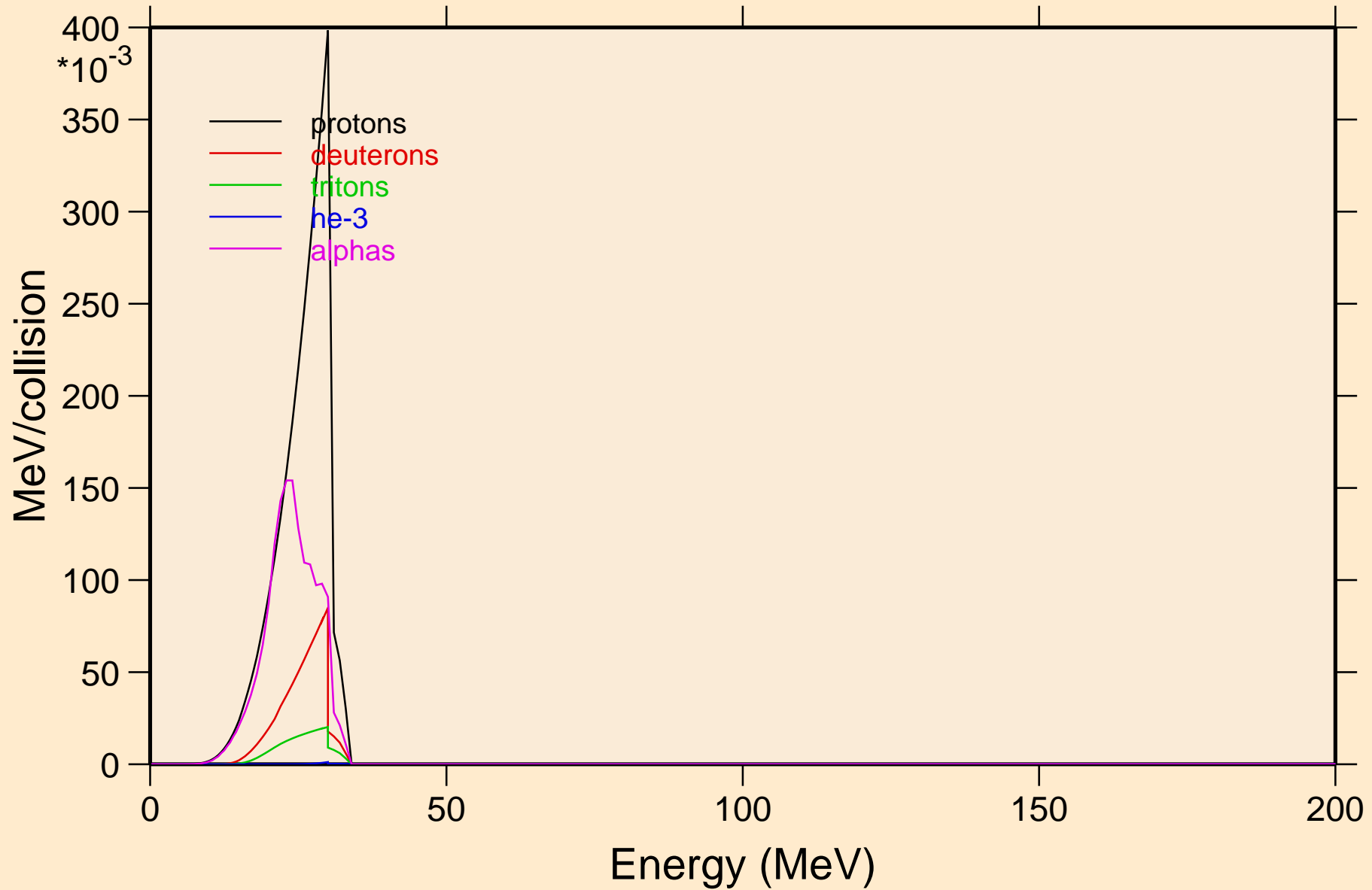


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14 MeV photon spectrum



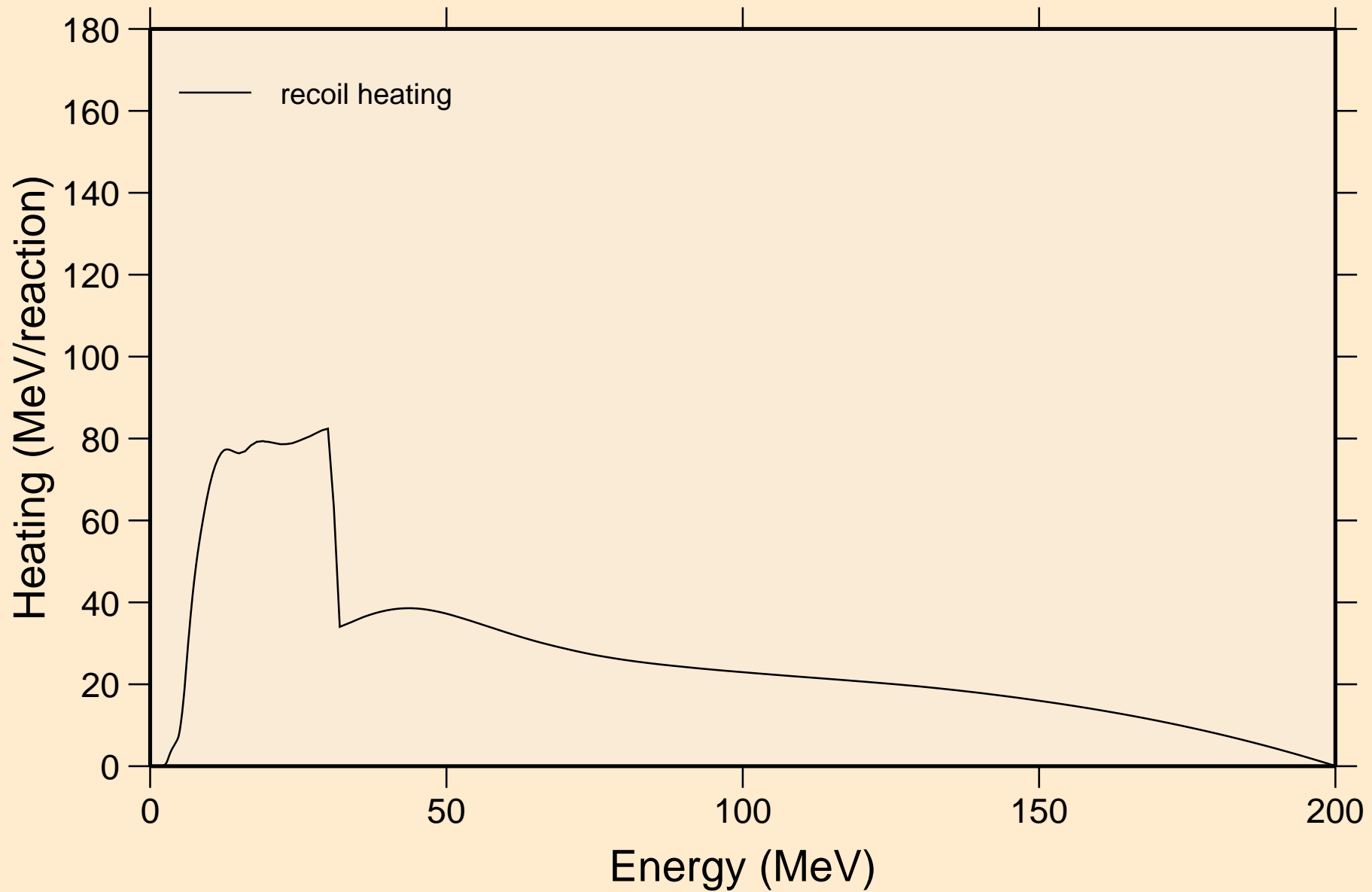
# LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

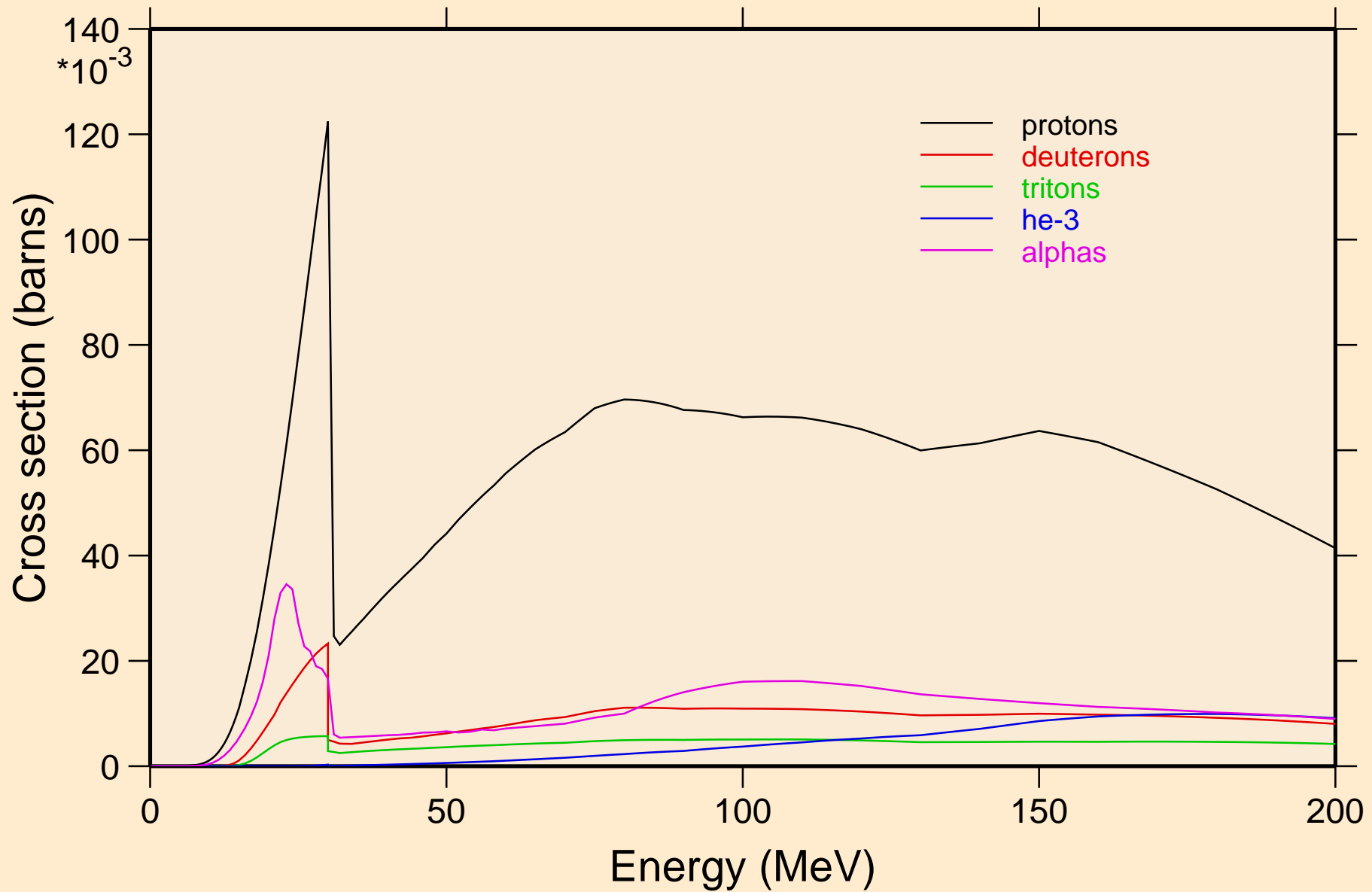




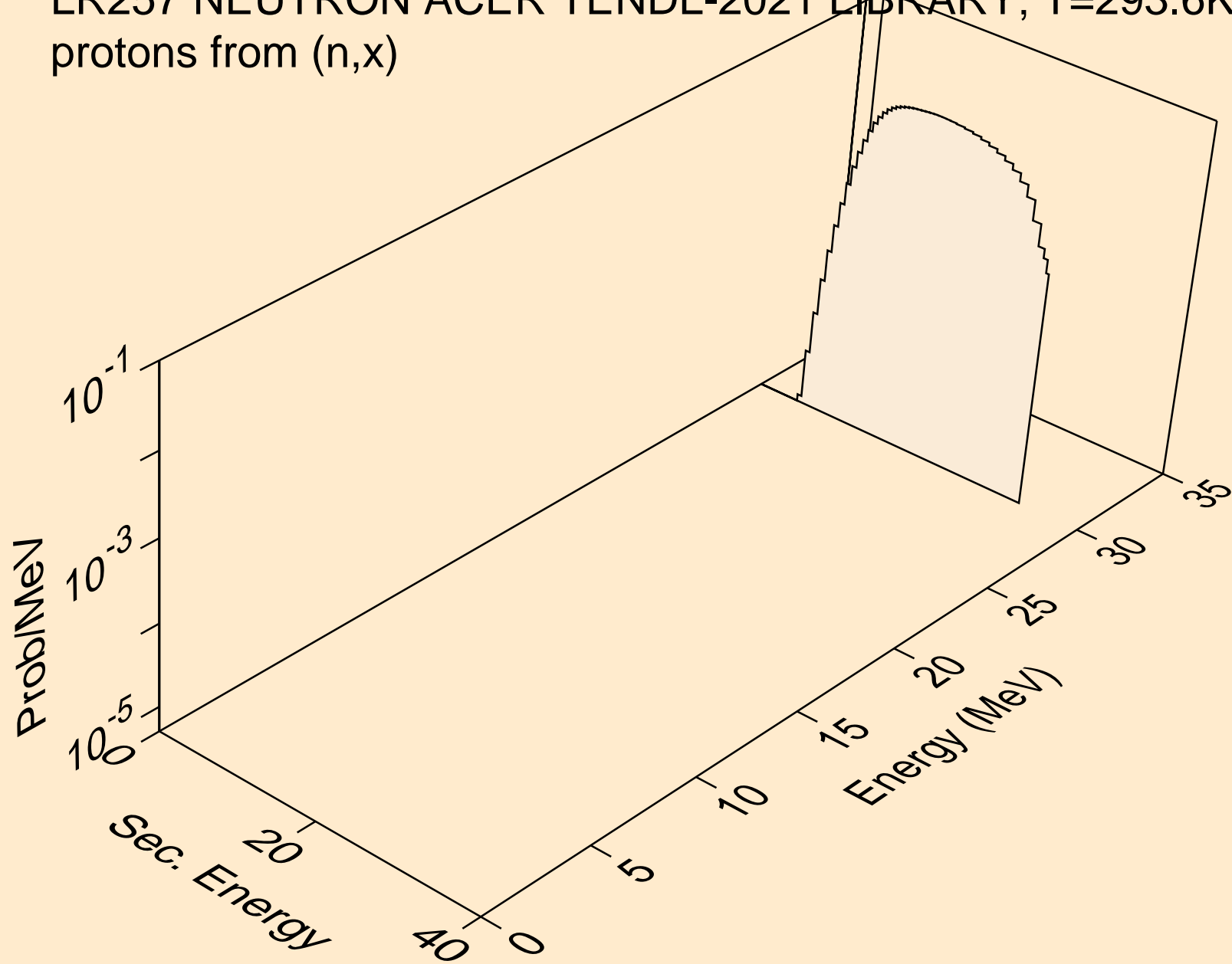
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Recoil Heating



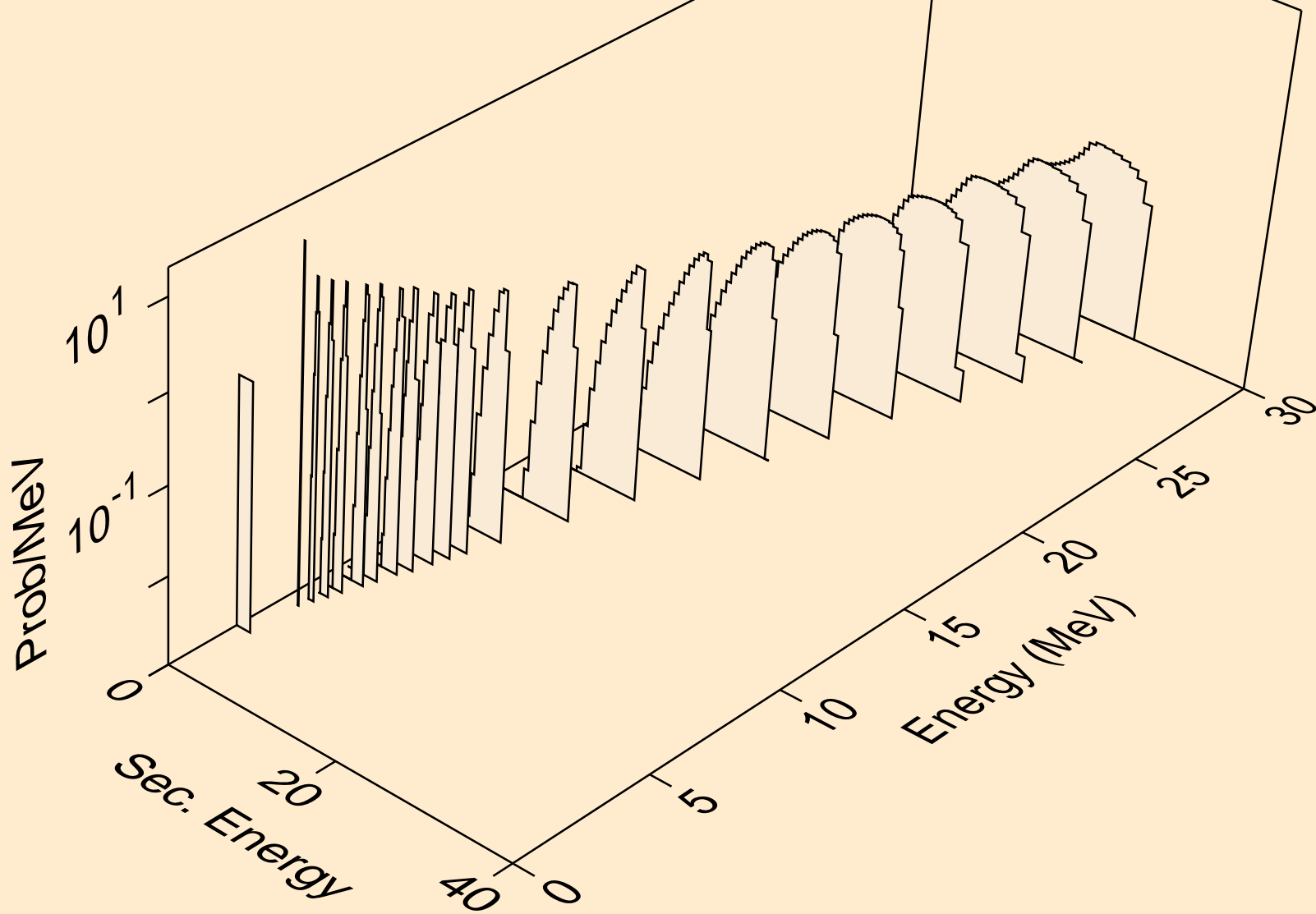
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



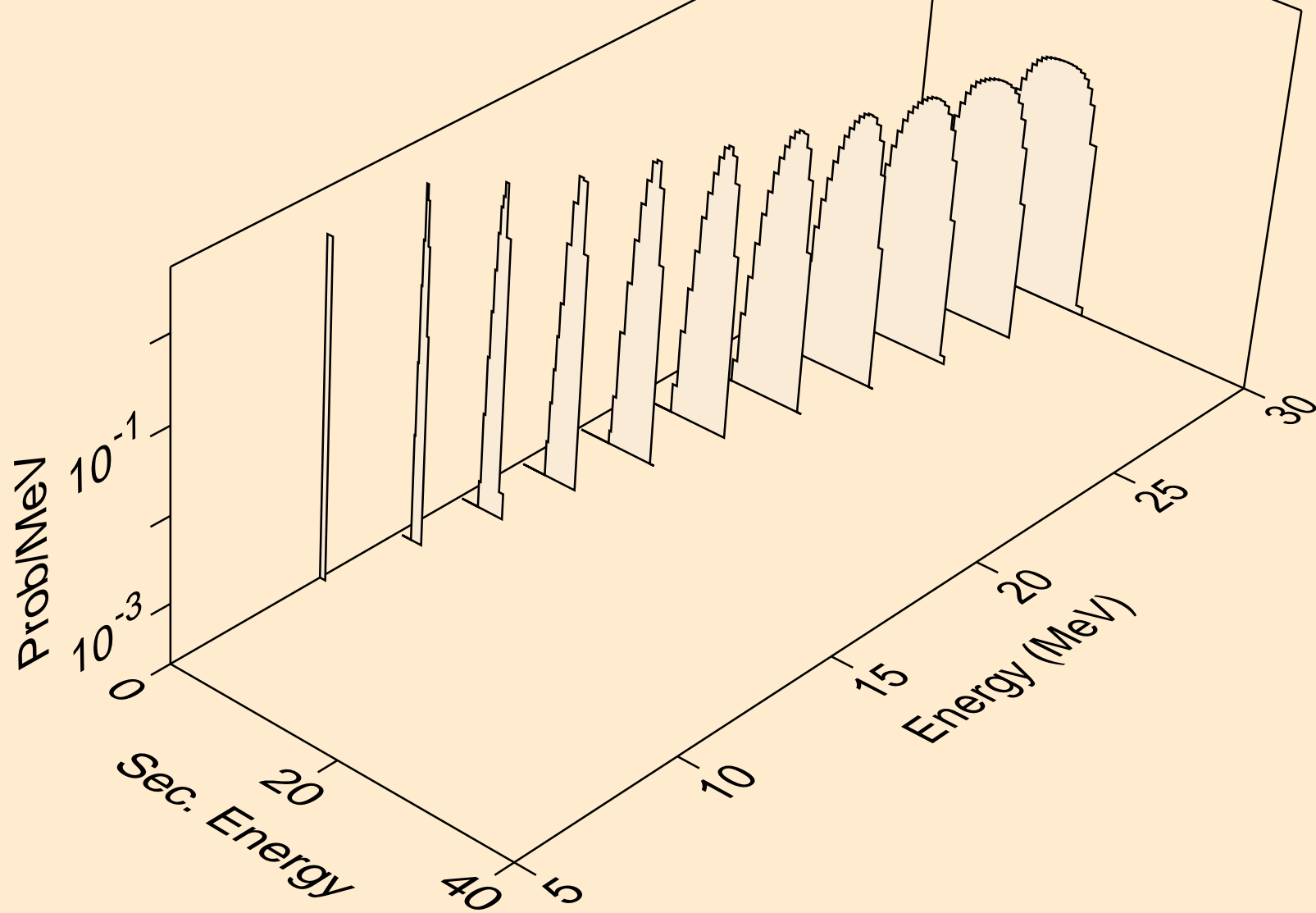
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



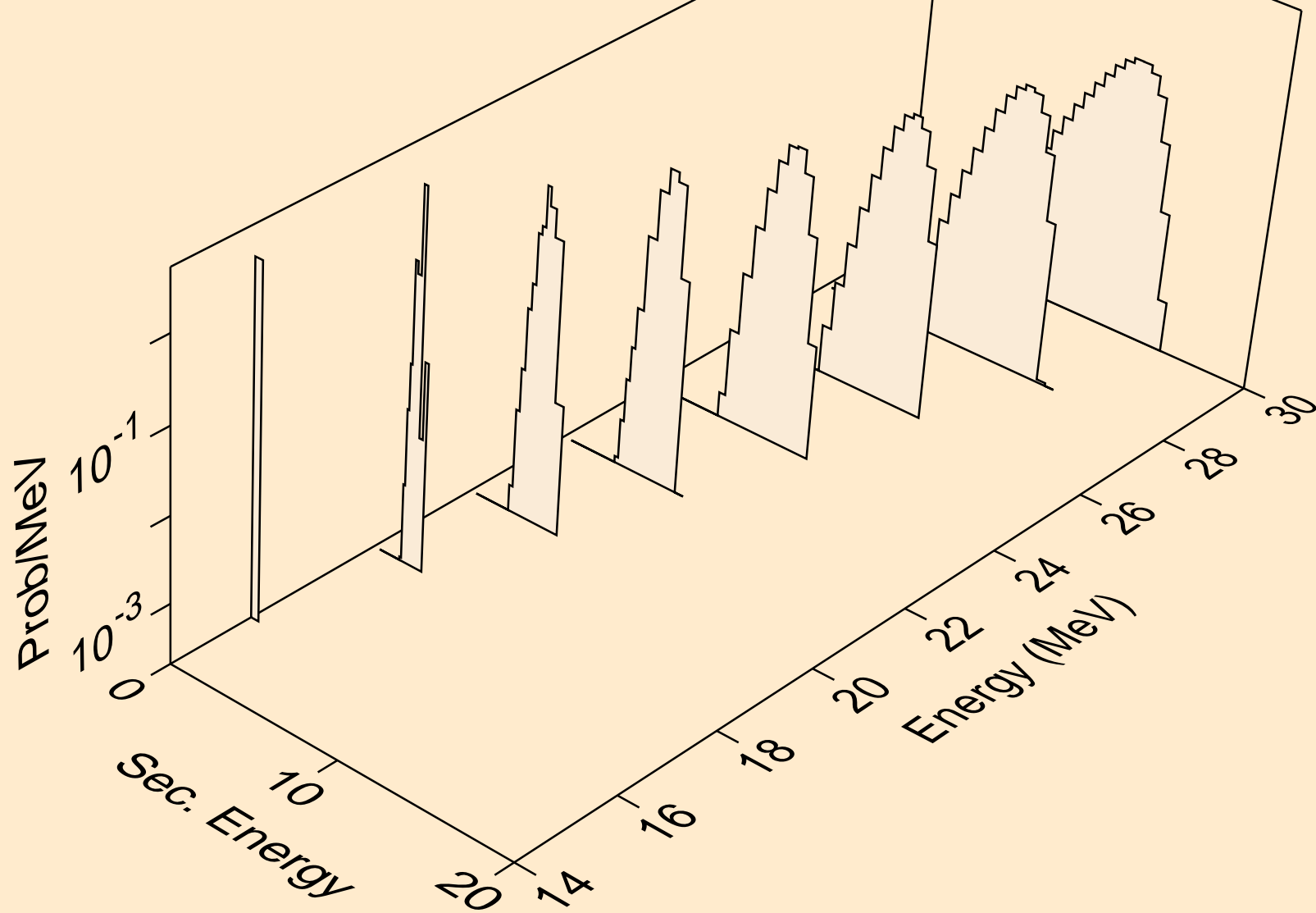
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protons from (n,n\*)p



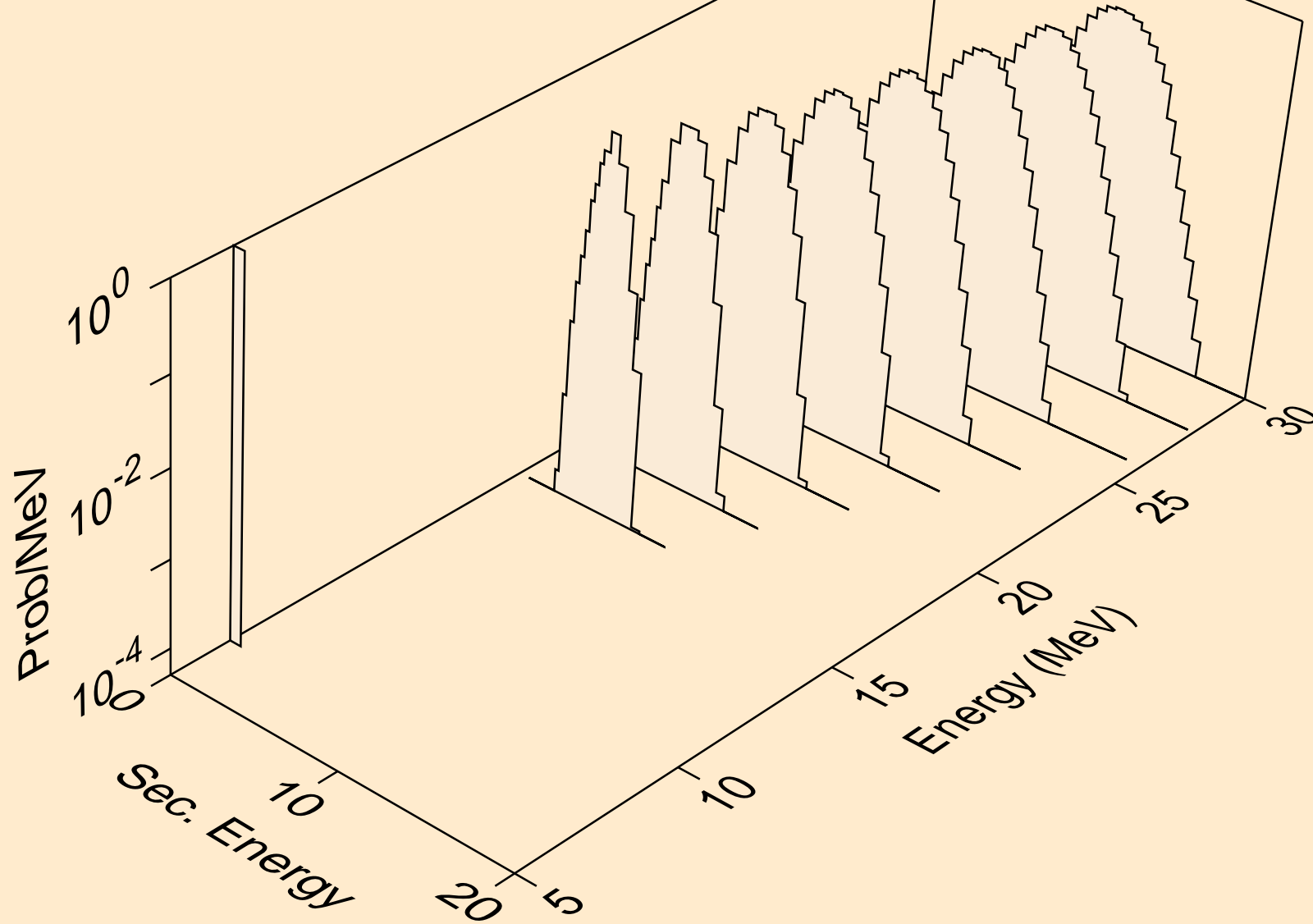
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protons from (n,2np)



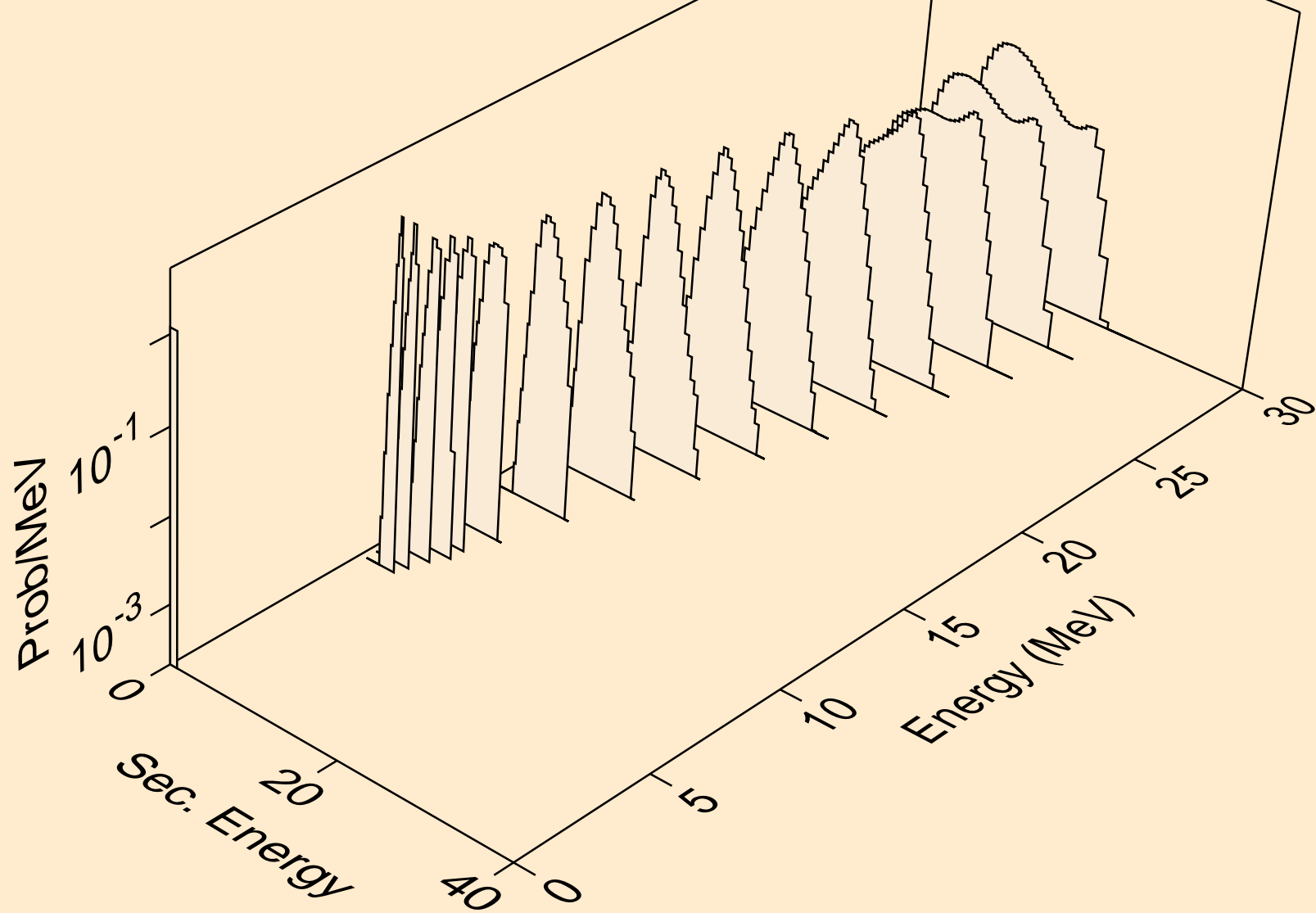
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

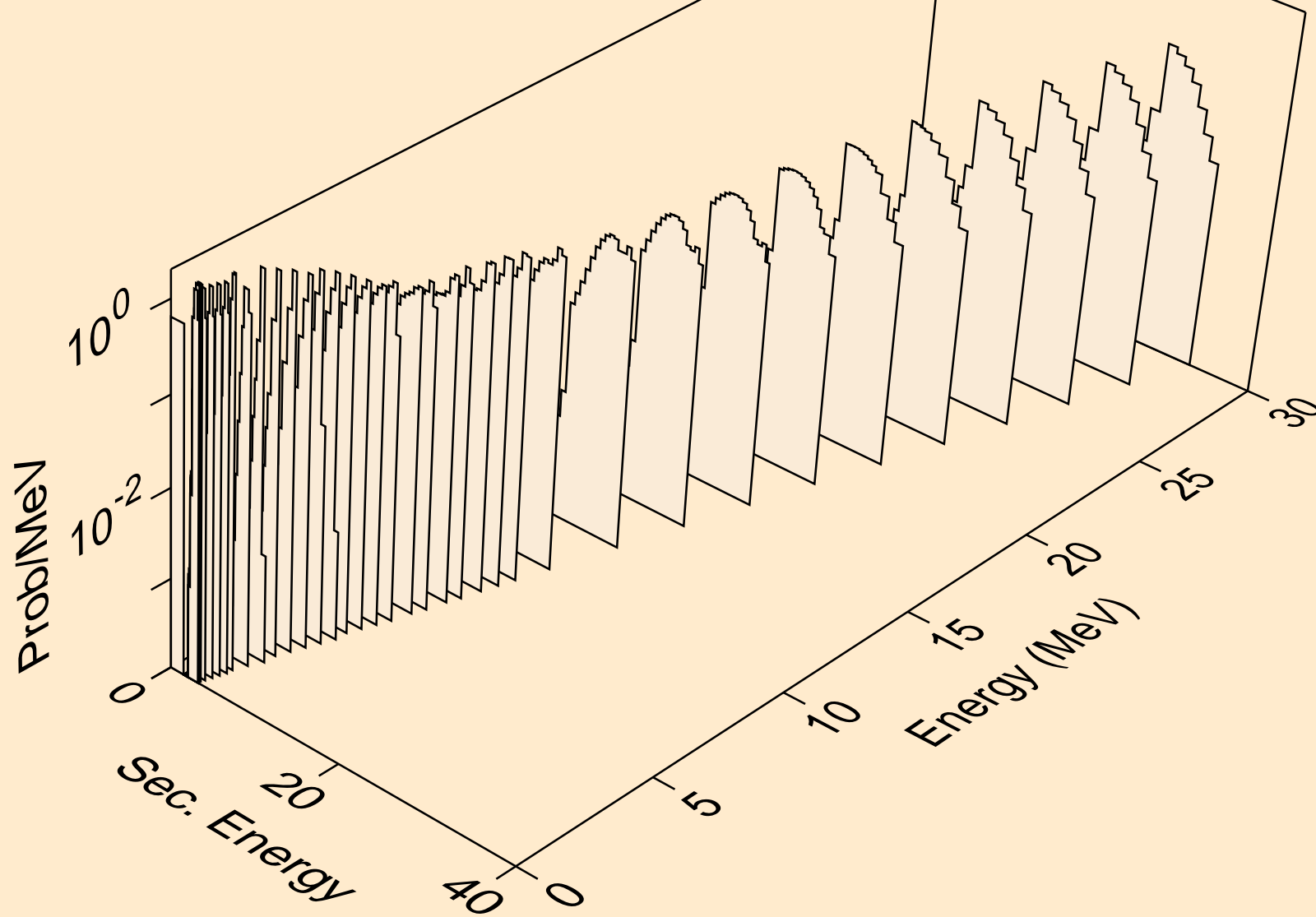


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protons from (n,npa)

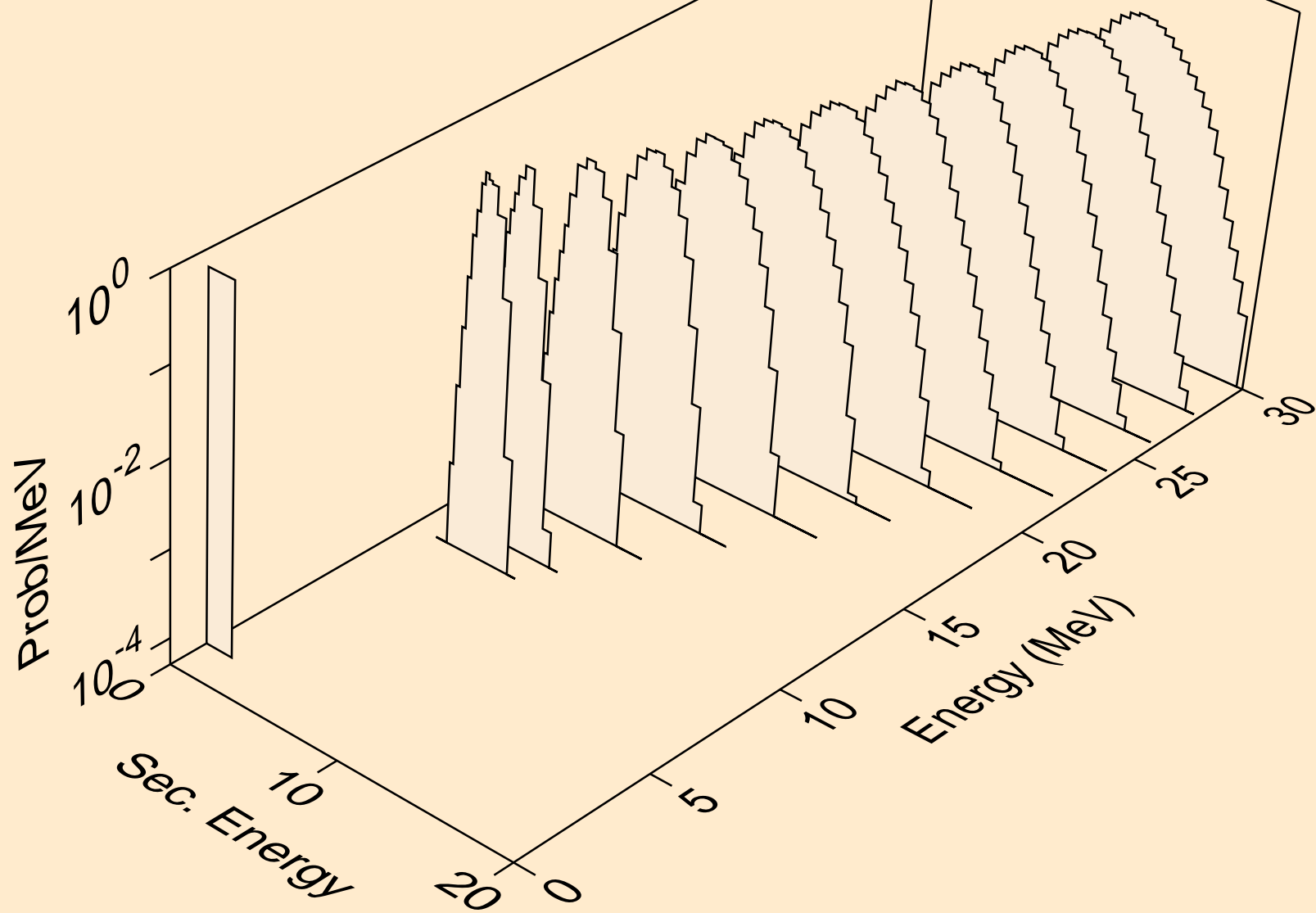




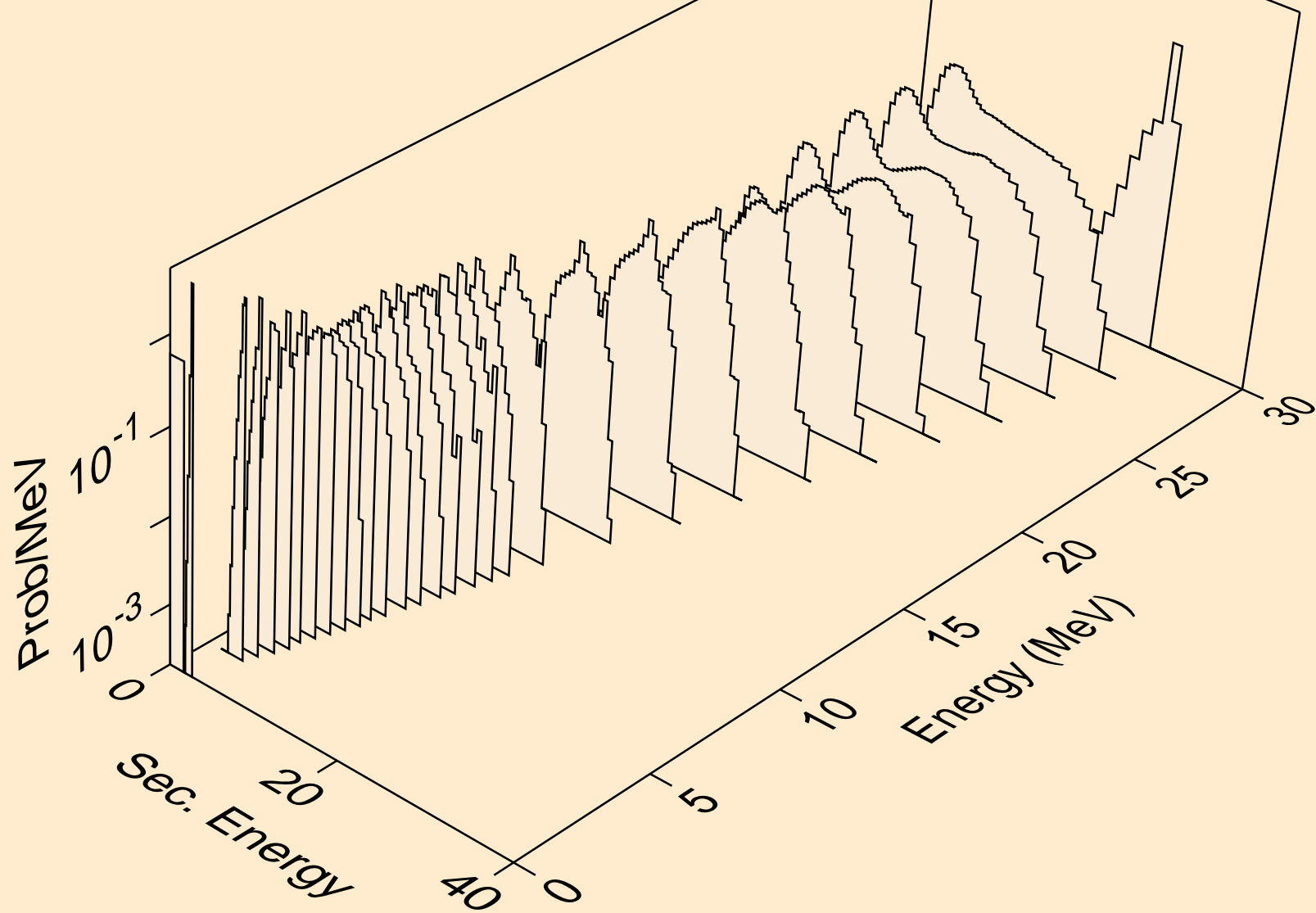
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protons from (n,p)



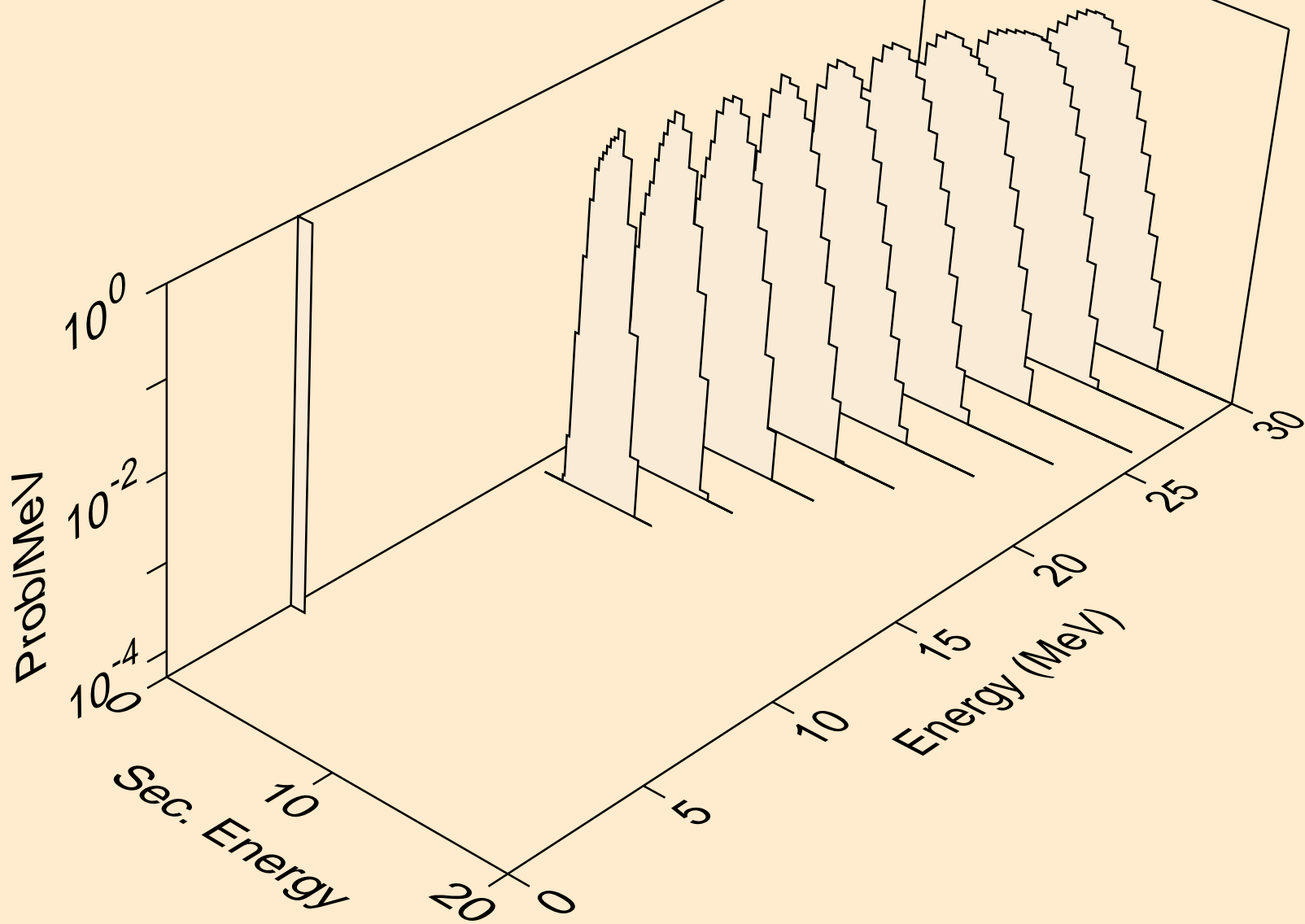
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protons from (n,2p)



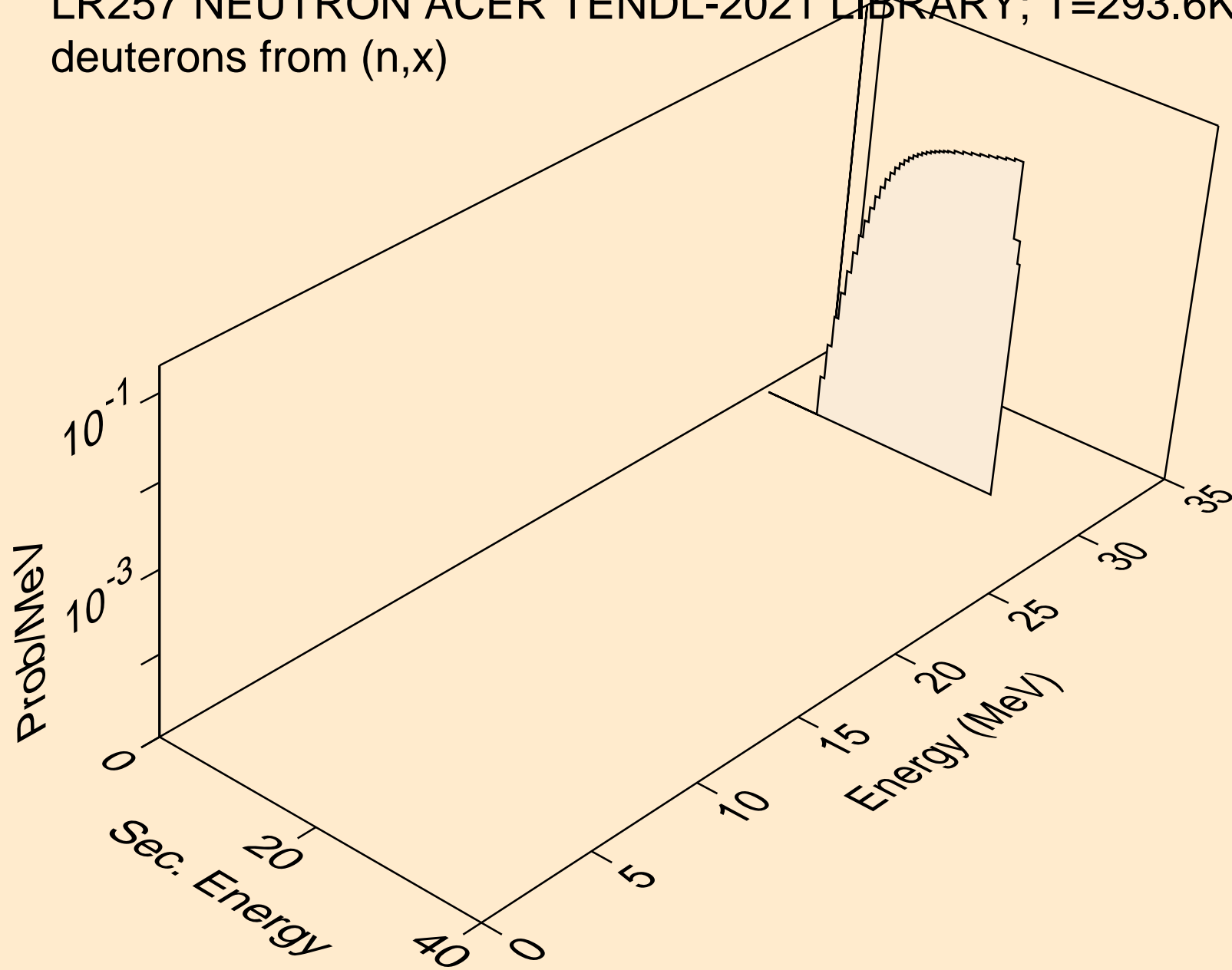
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protons from (n,p)



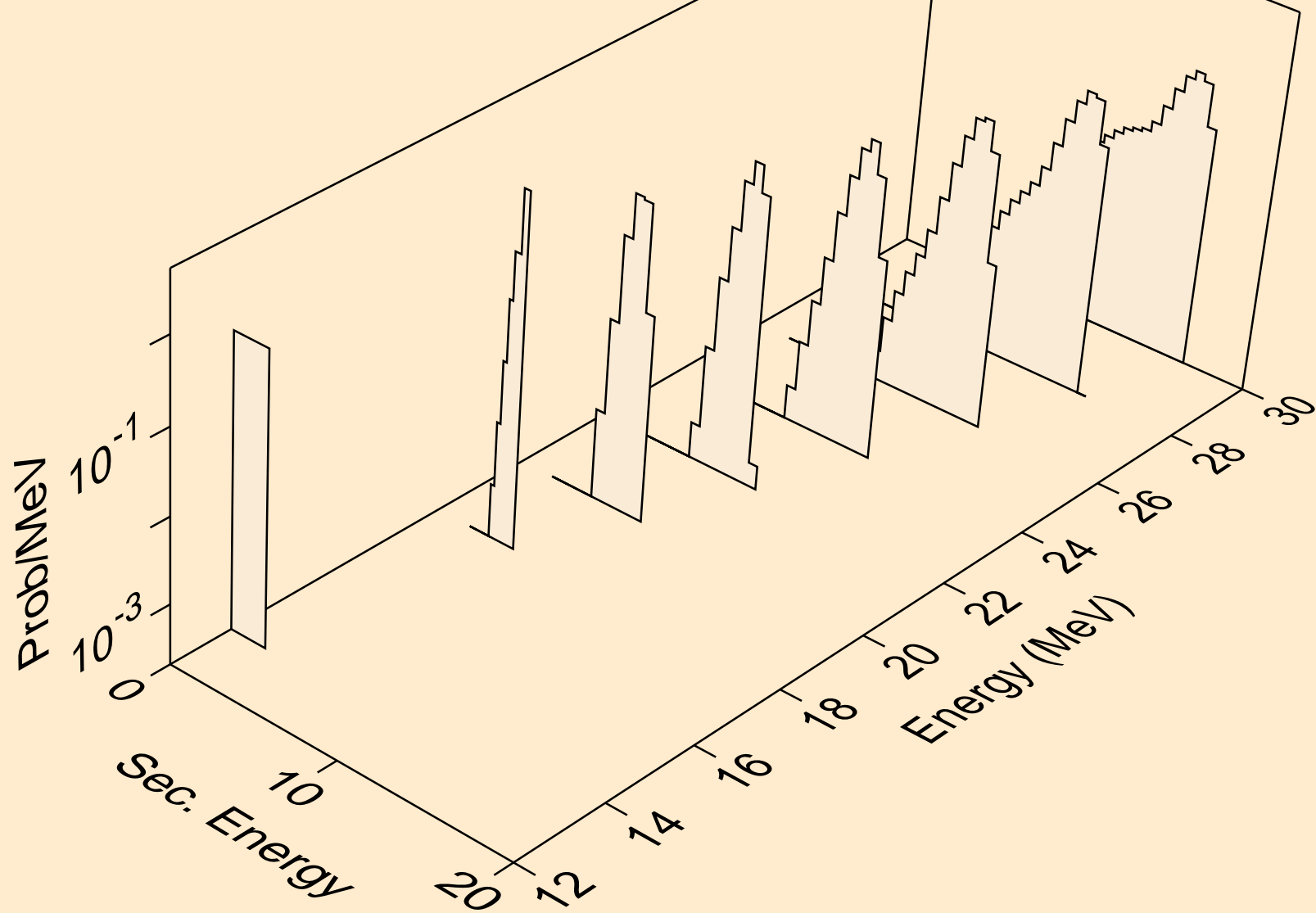
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protons from (n,pd)



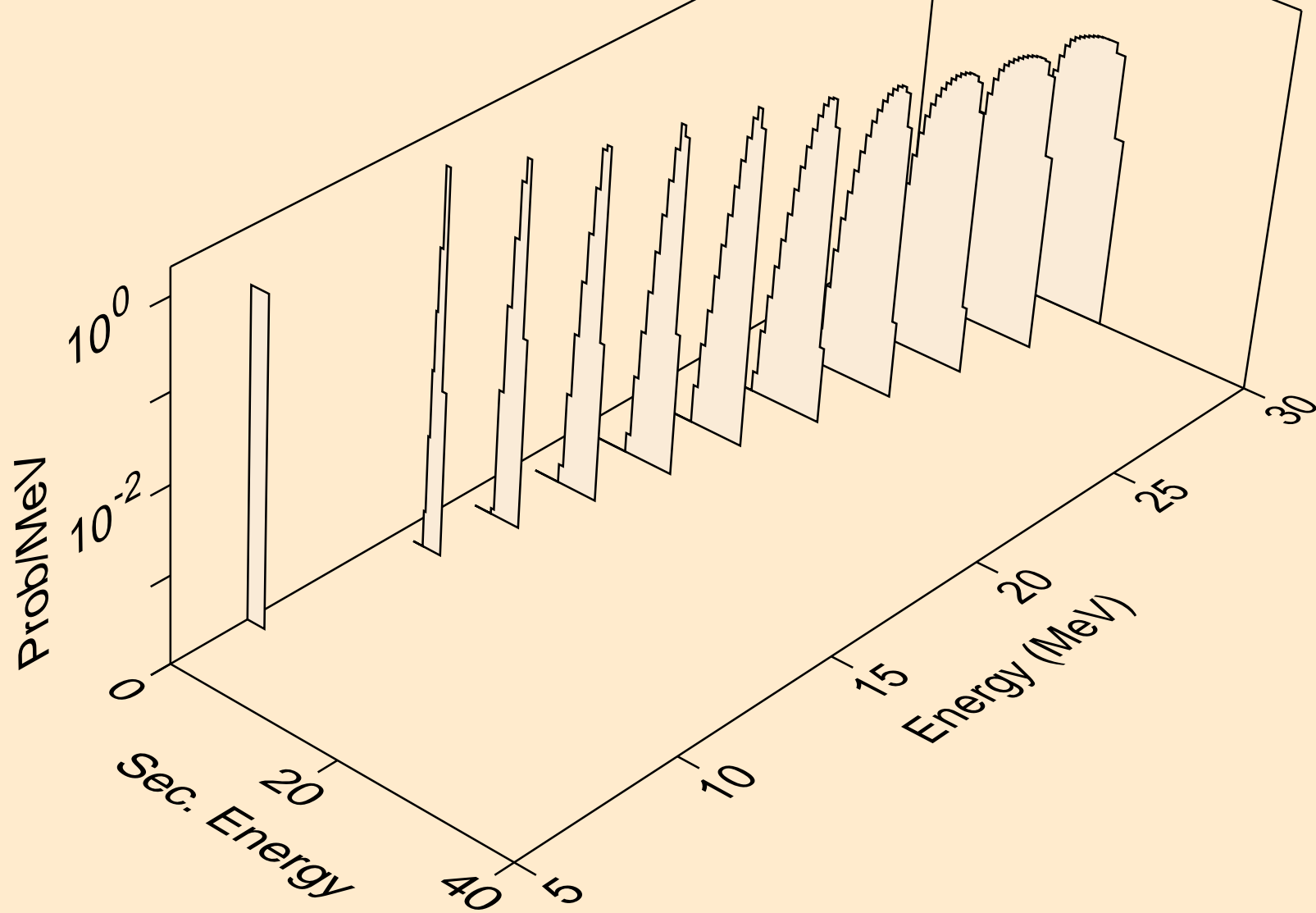
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



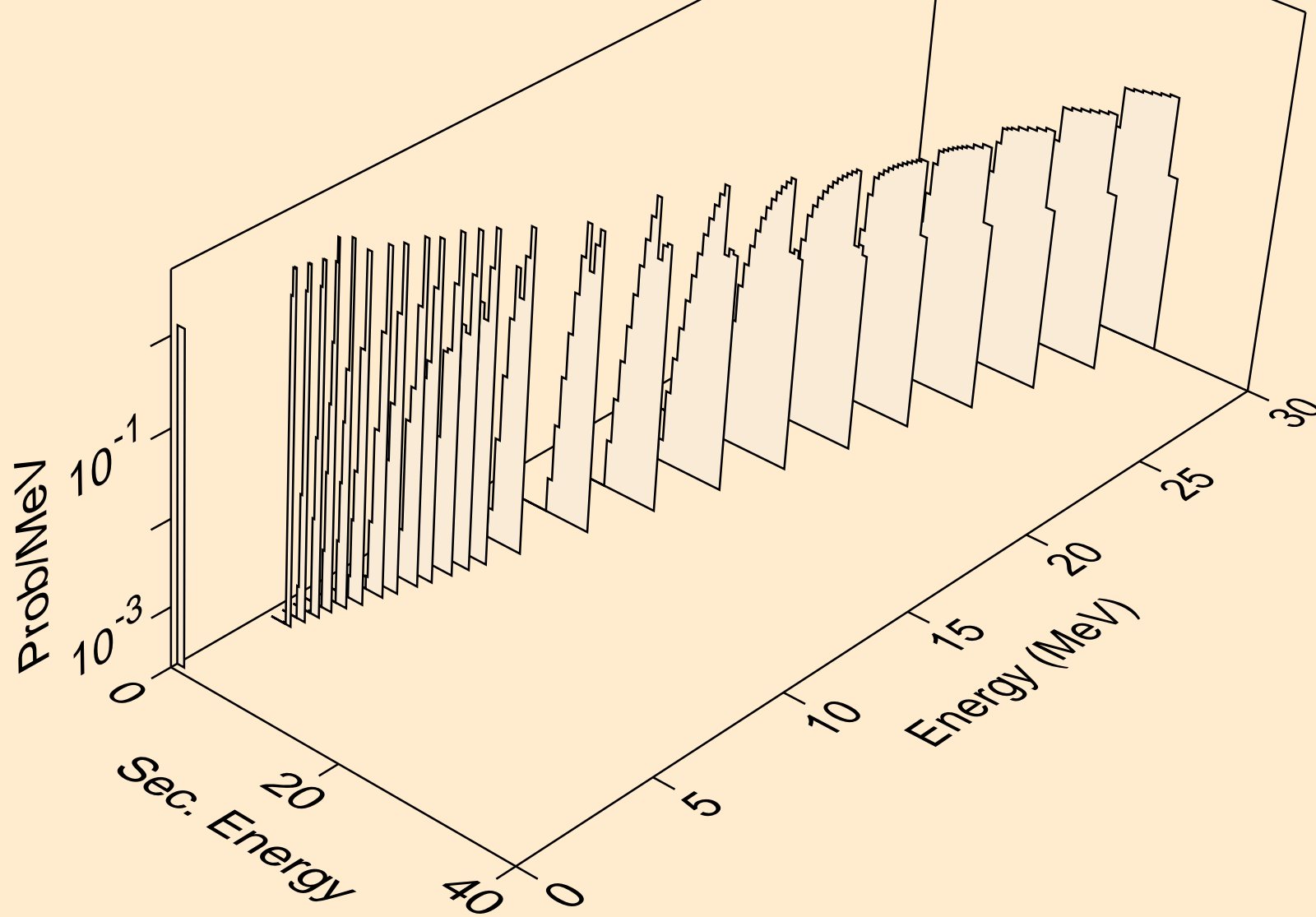
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

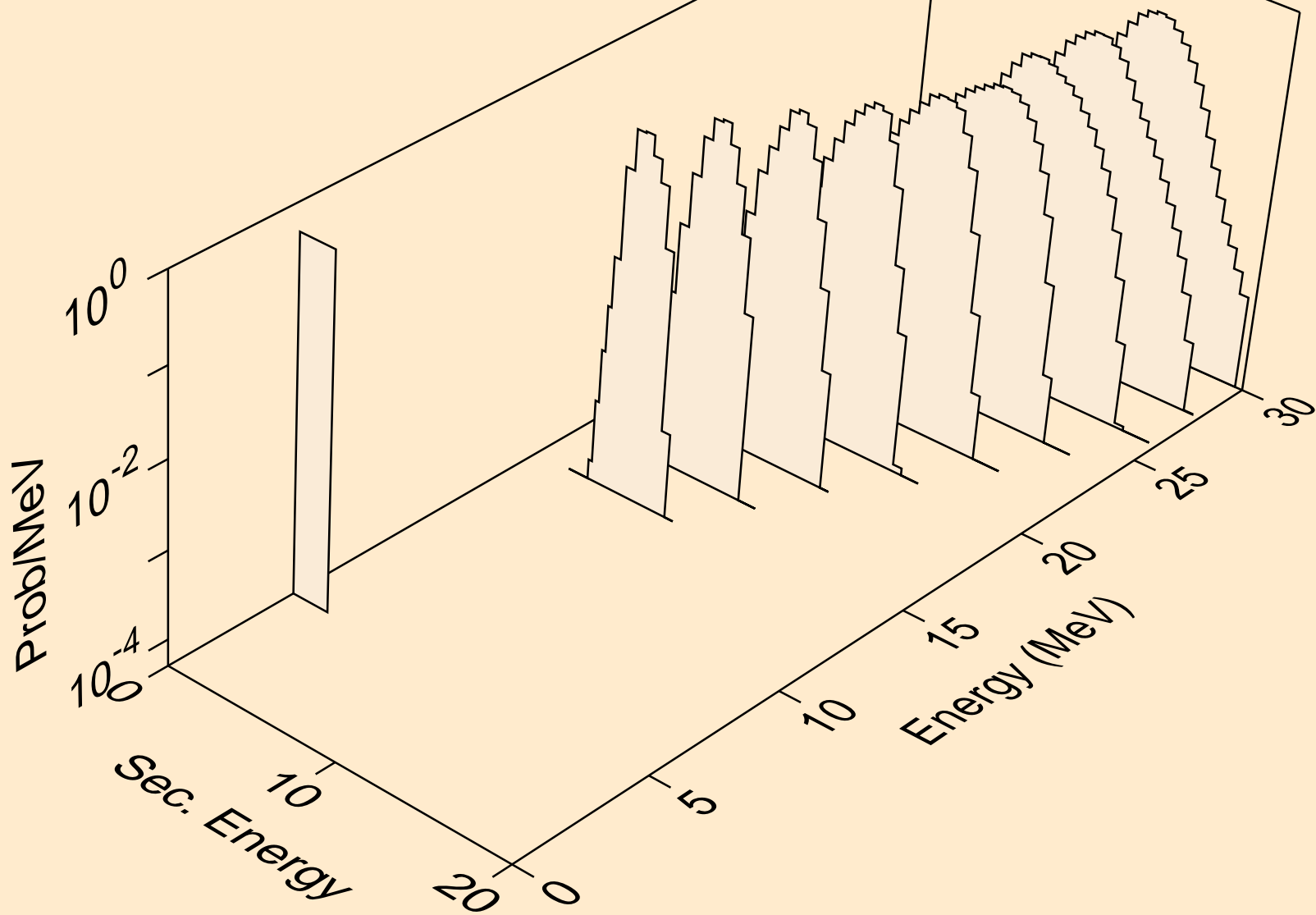


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

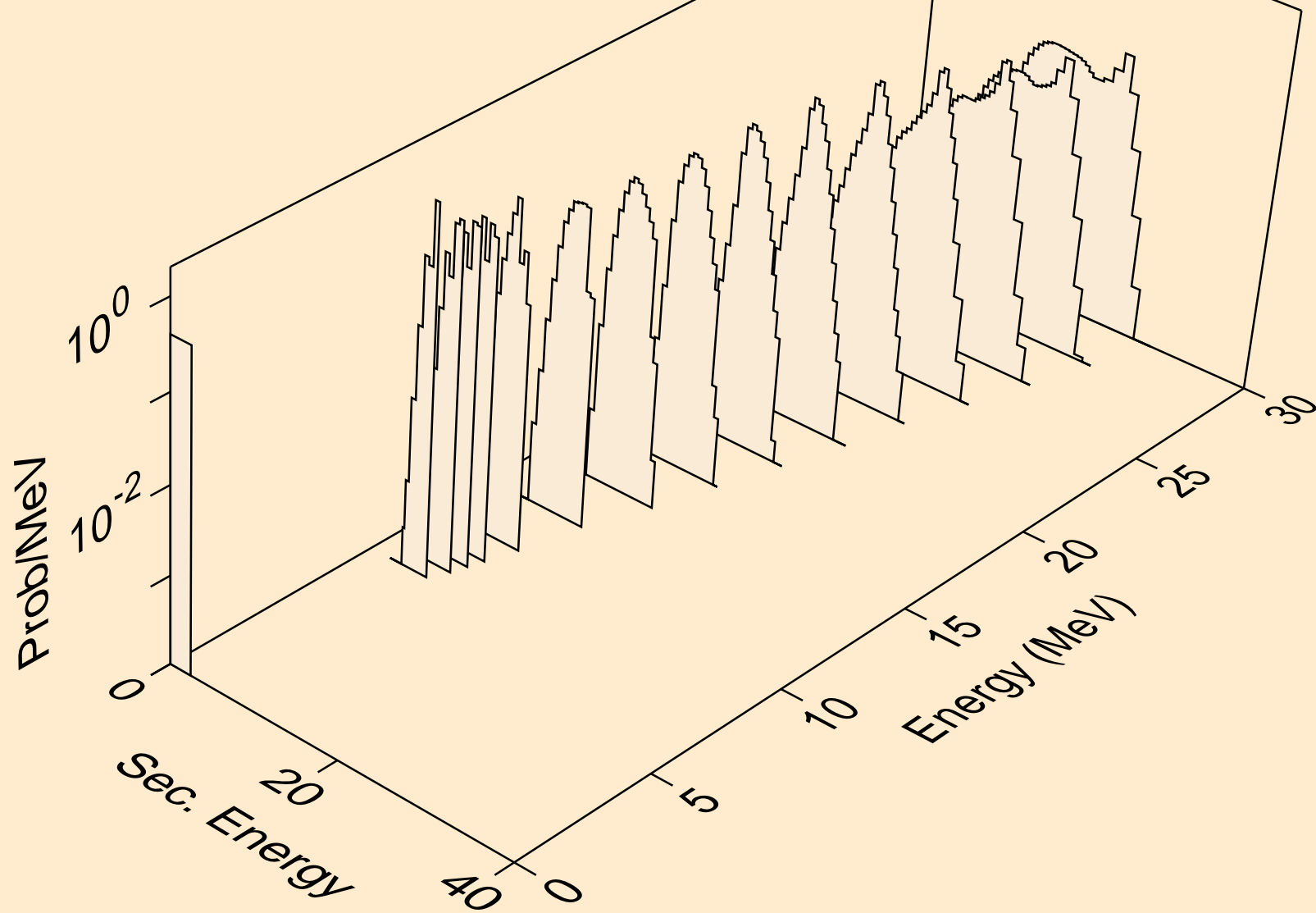




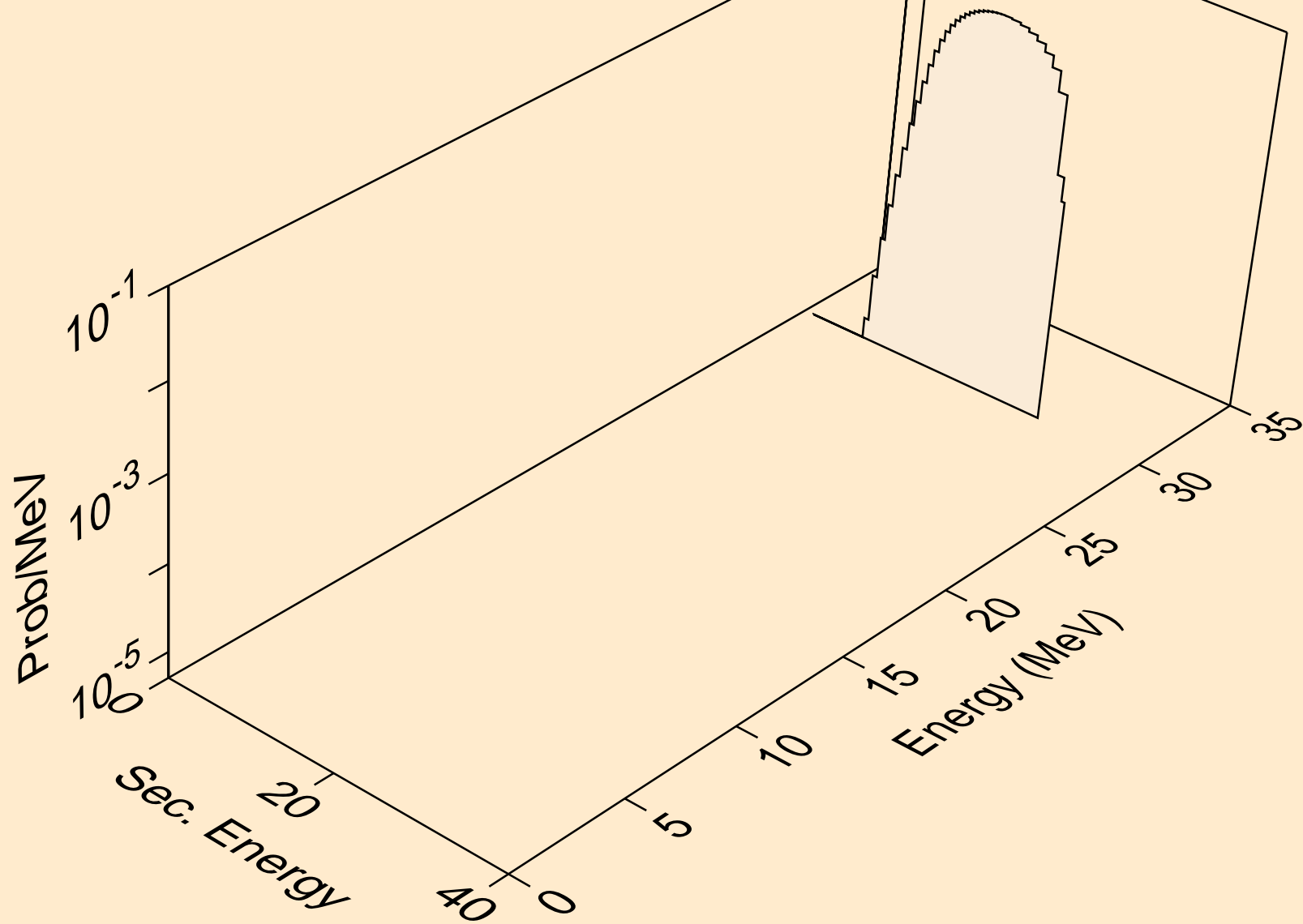
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deuterons from (n,pd)



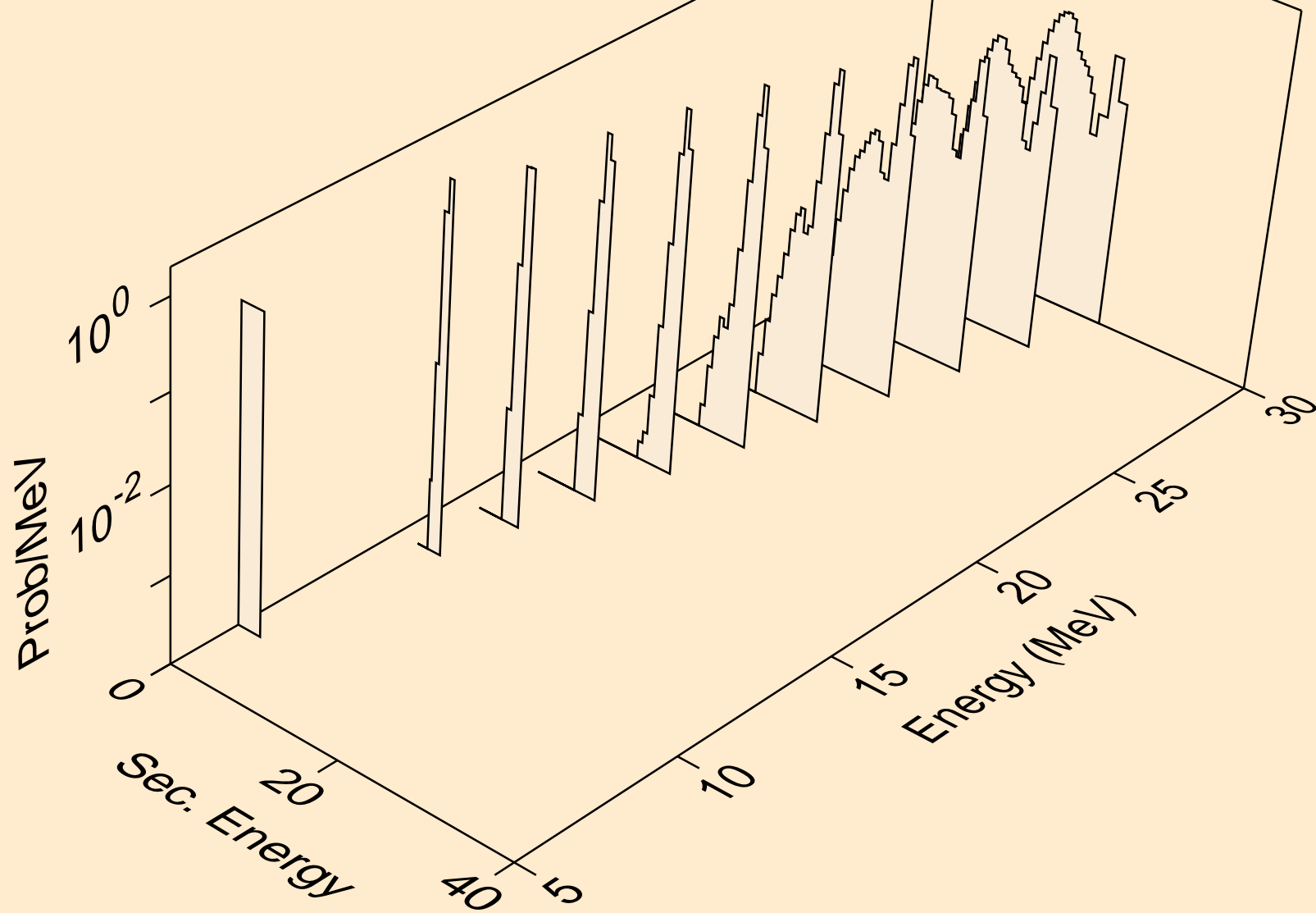
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deuterons from (n,da)



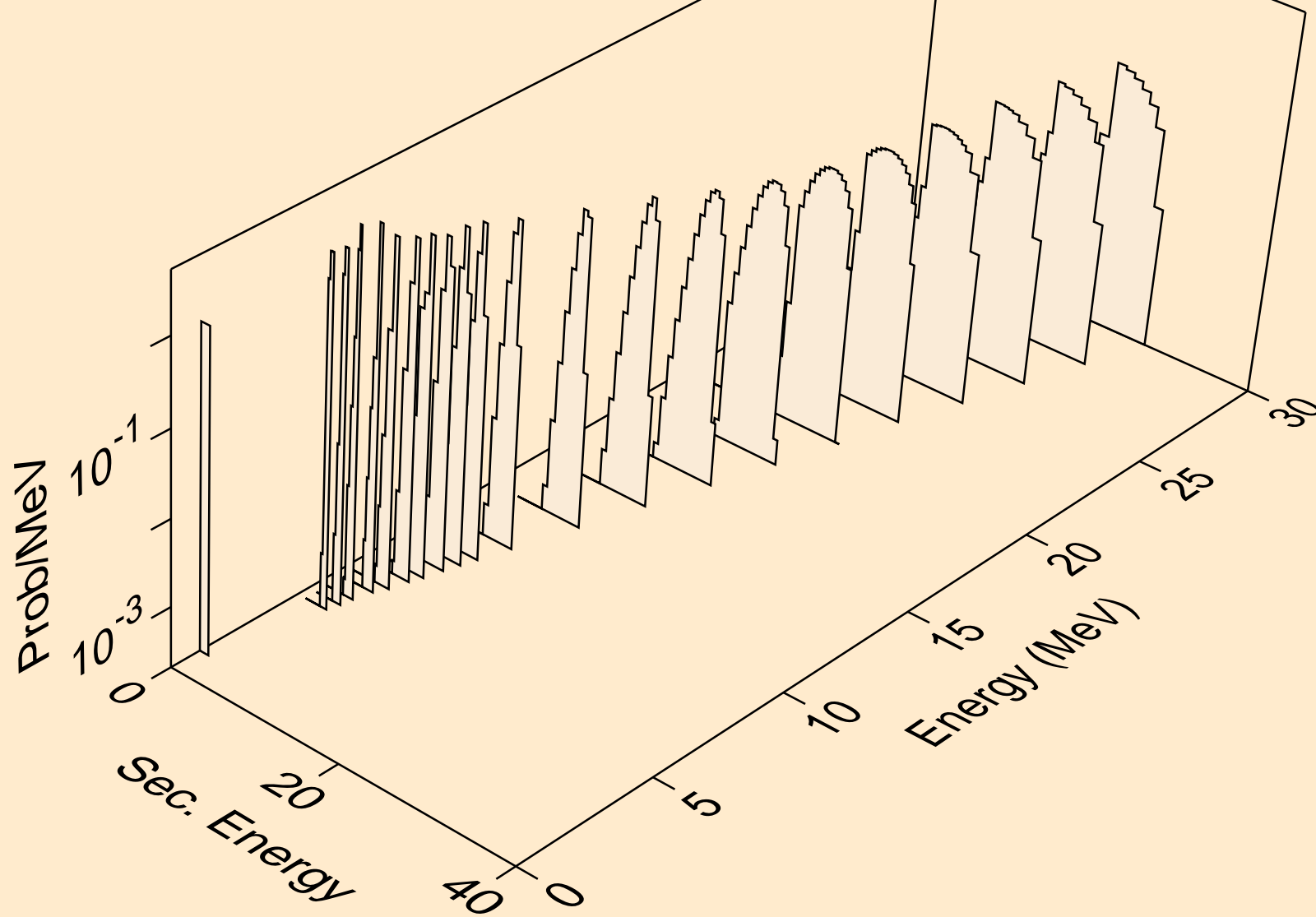
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



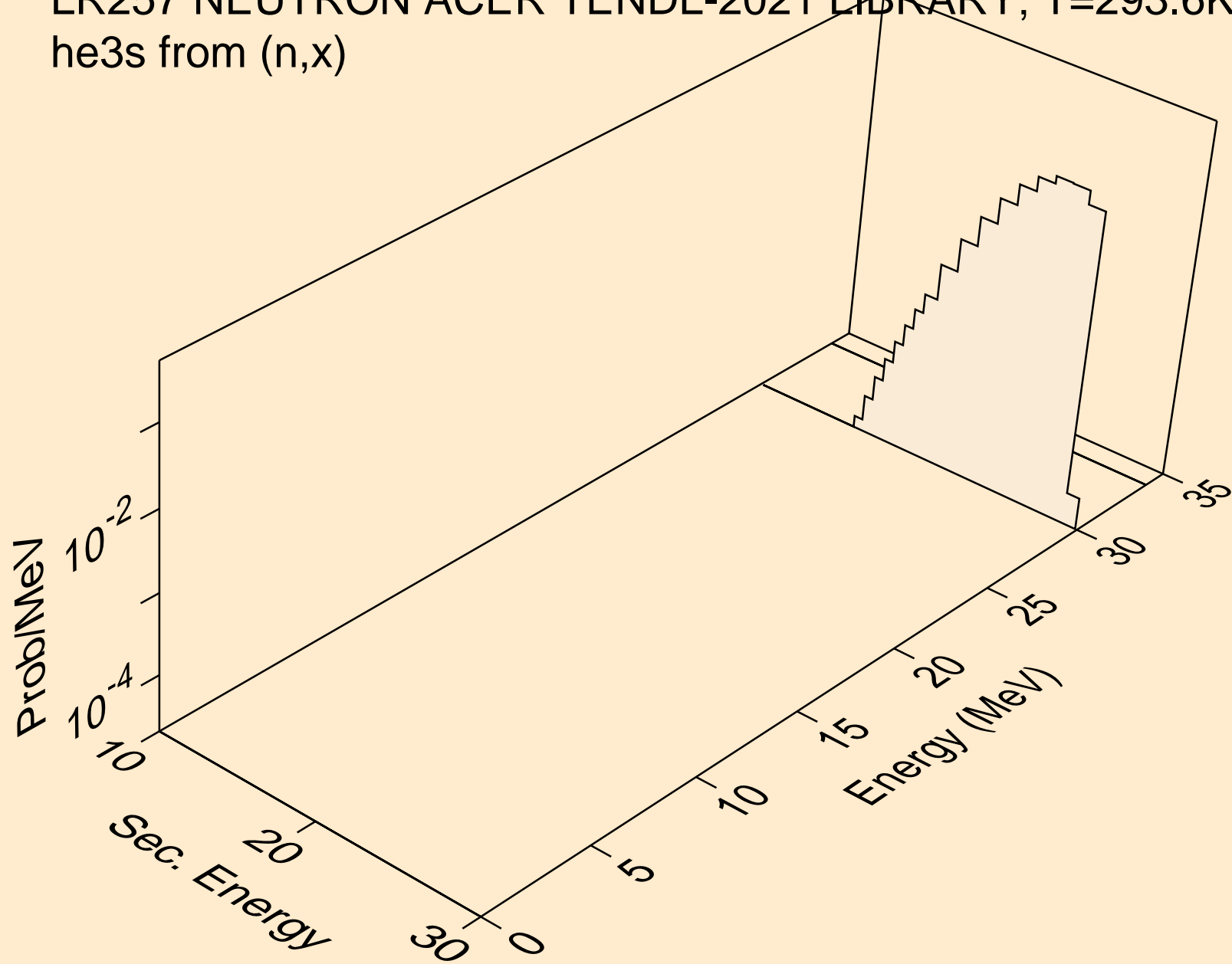
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



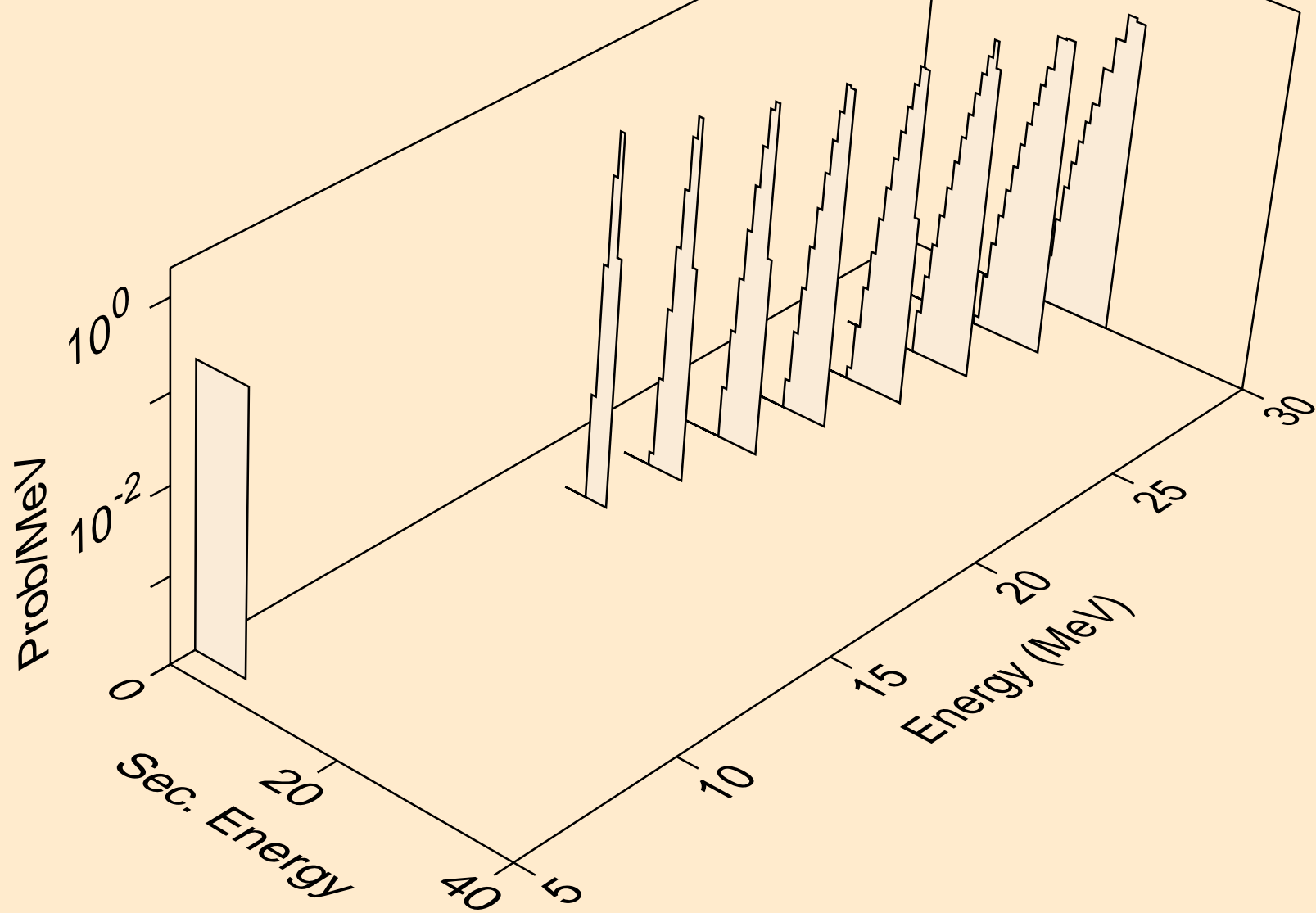
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tritons from (n,t)



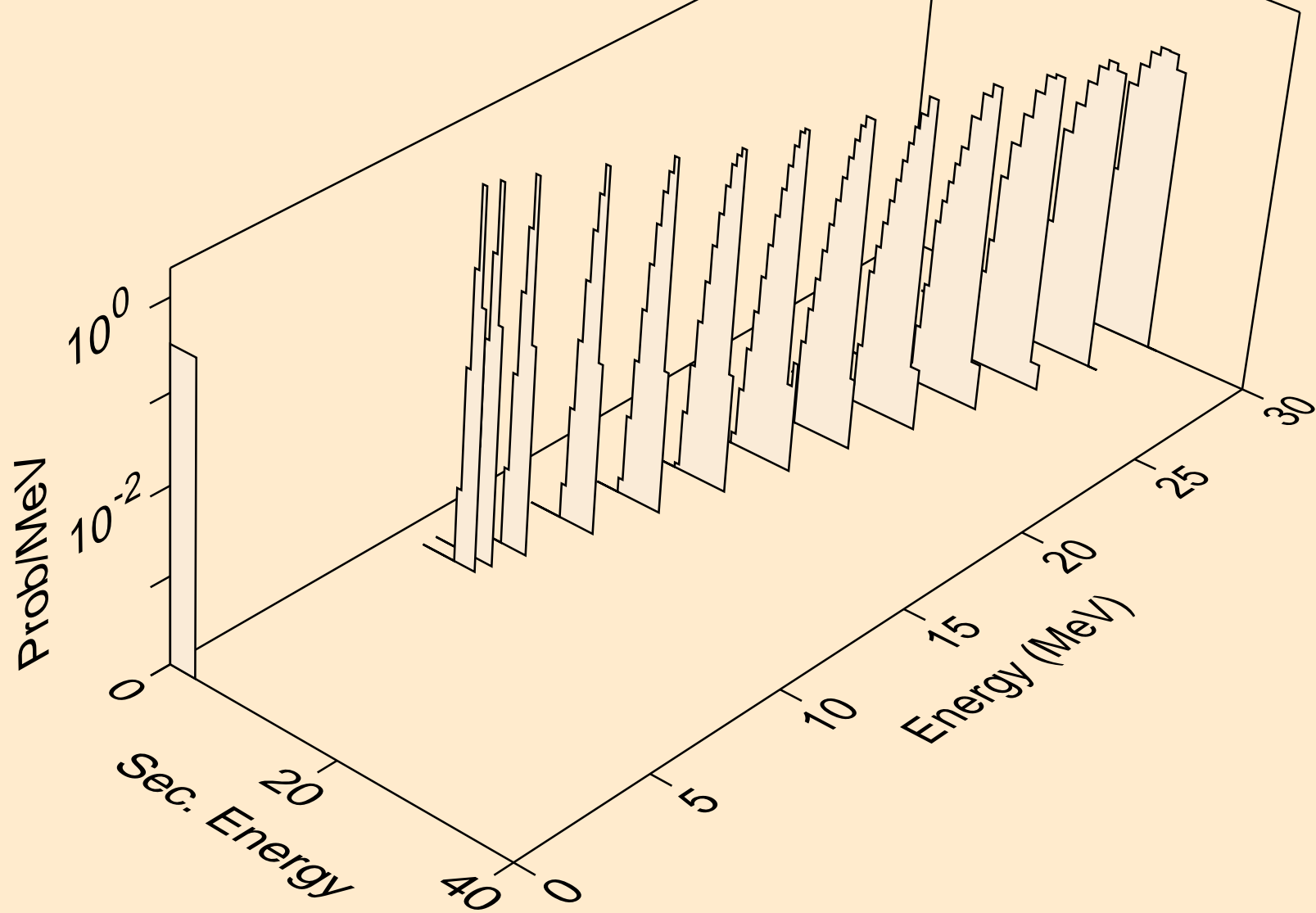
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

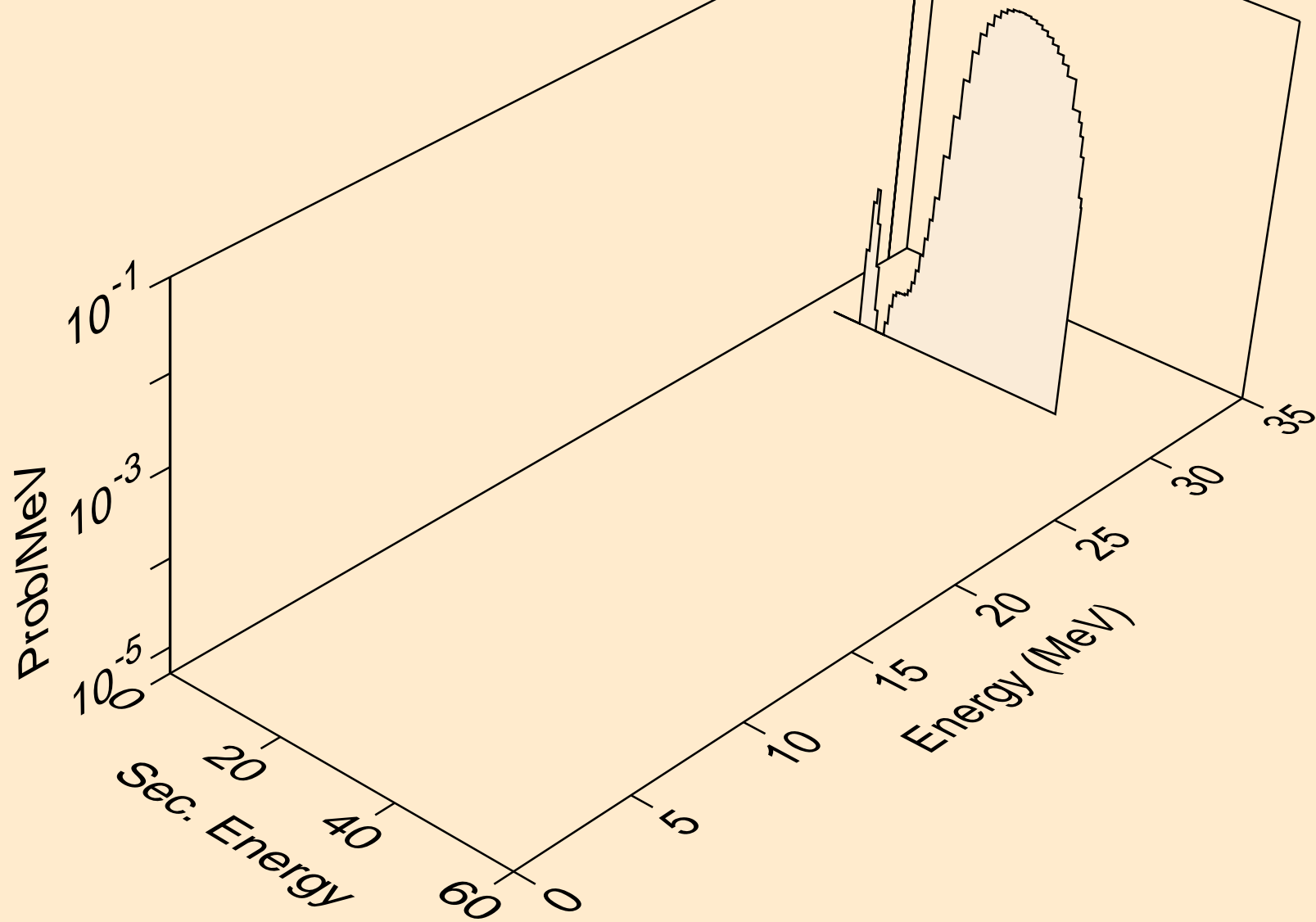


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

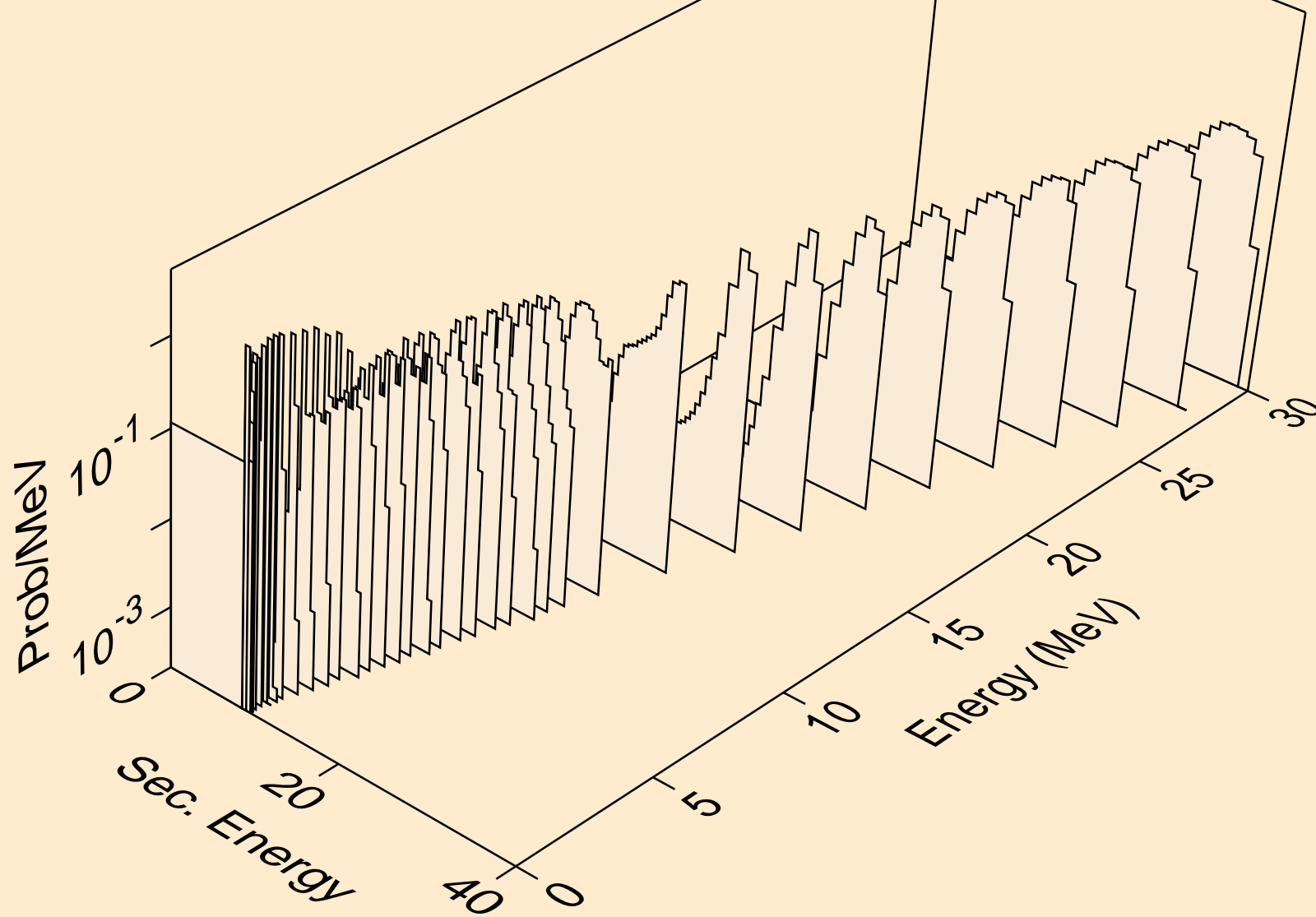




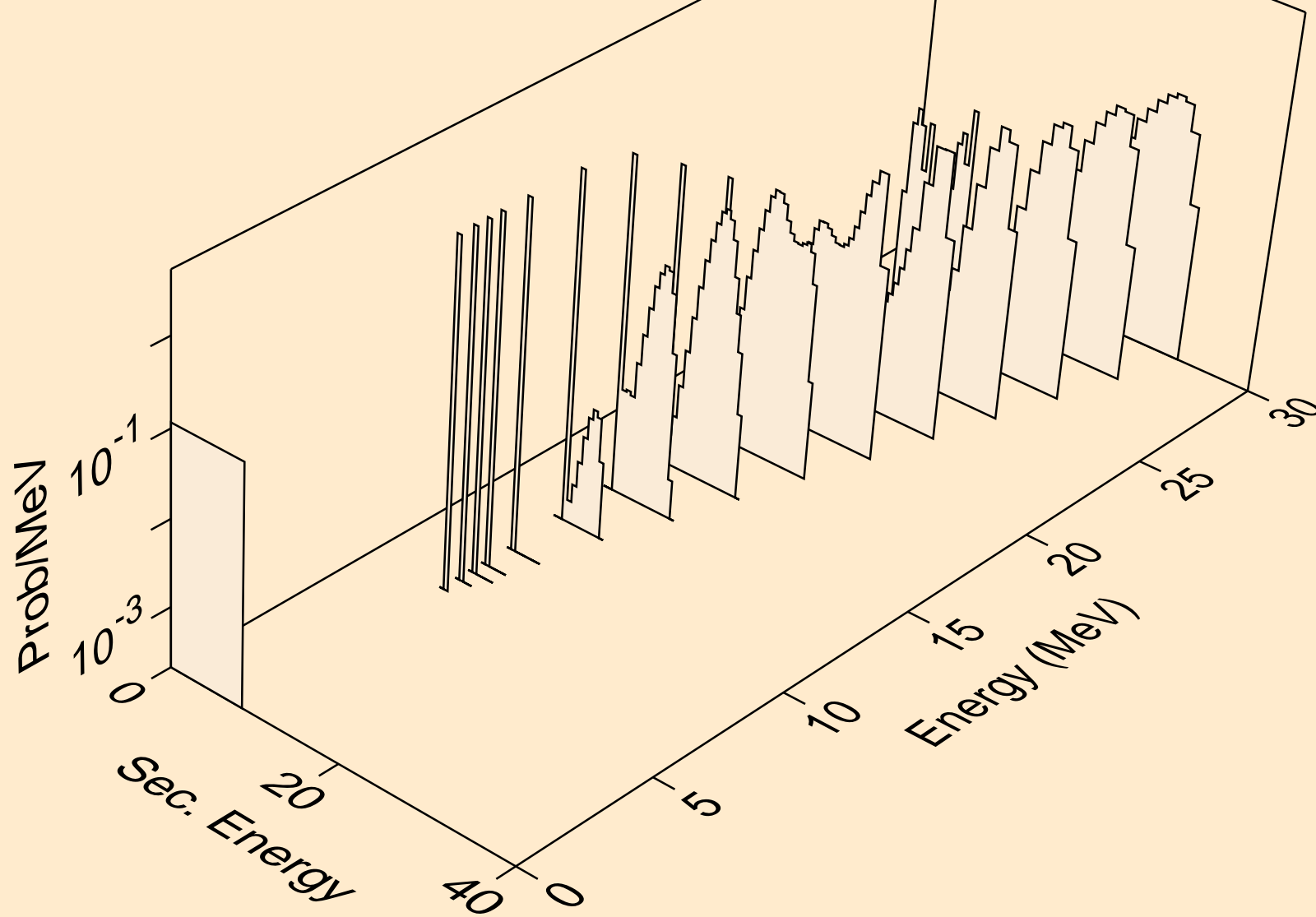
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



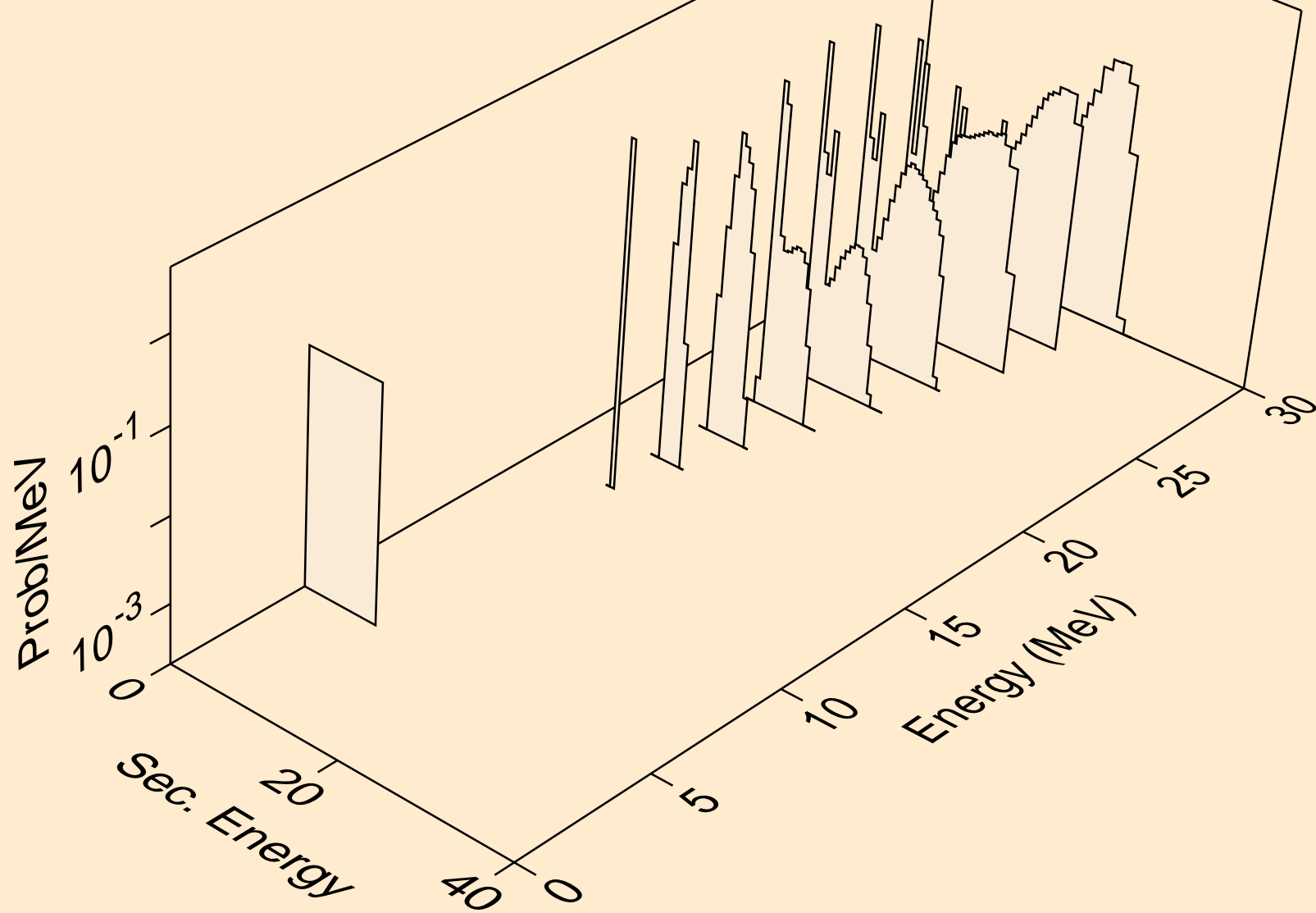
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



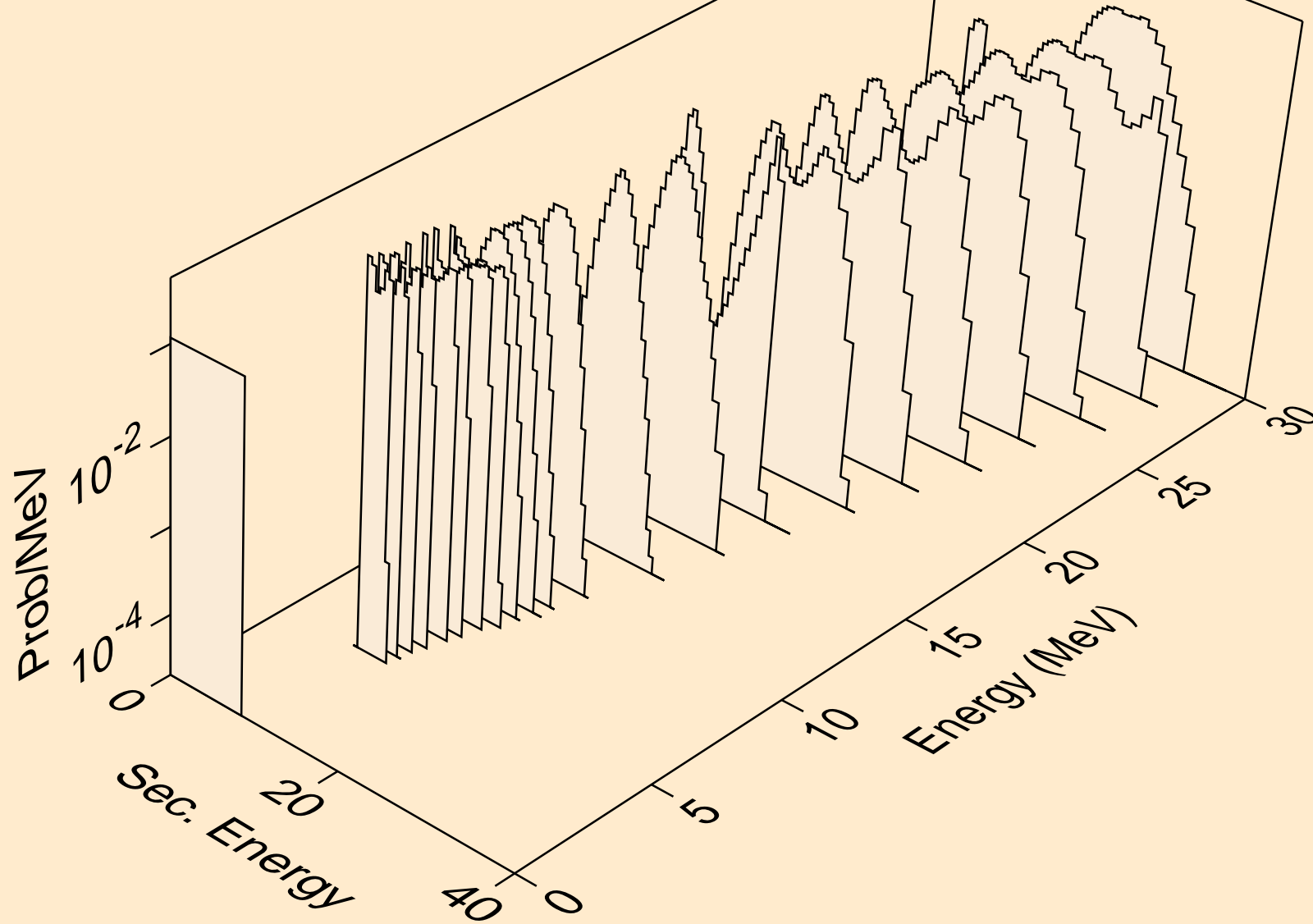
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



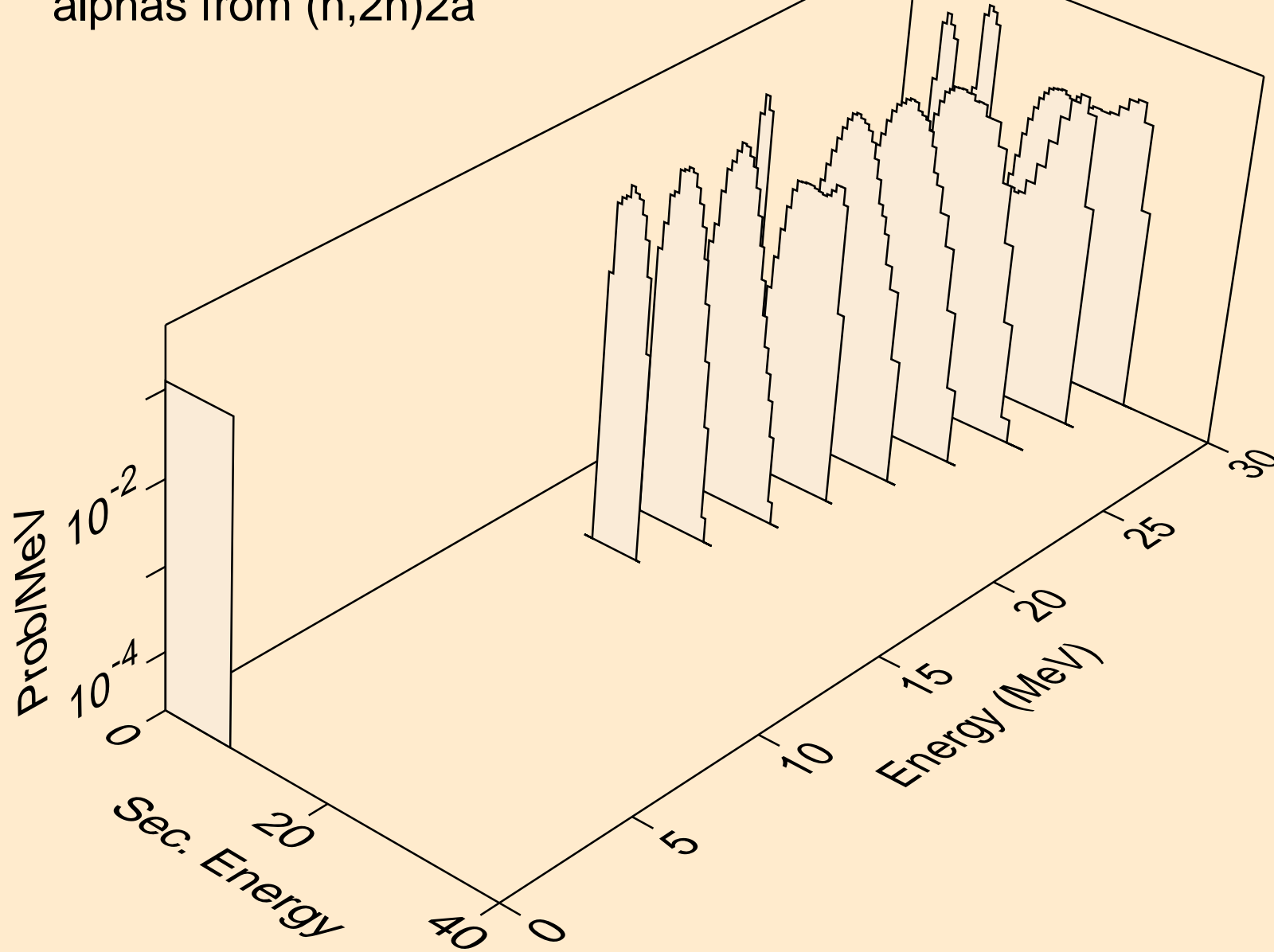
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alphas from (n,3n)a



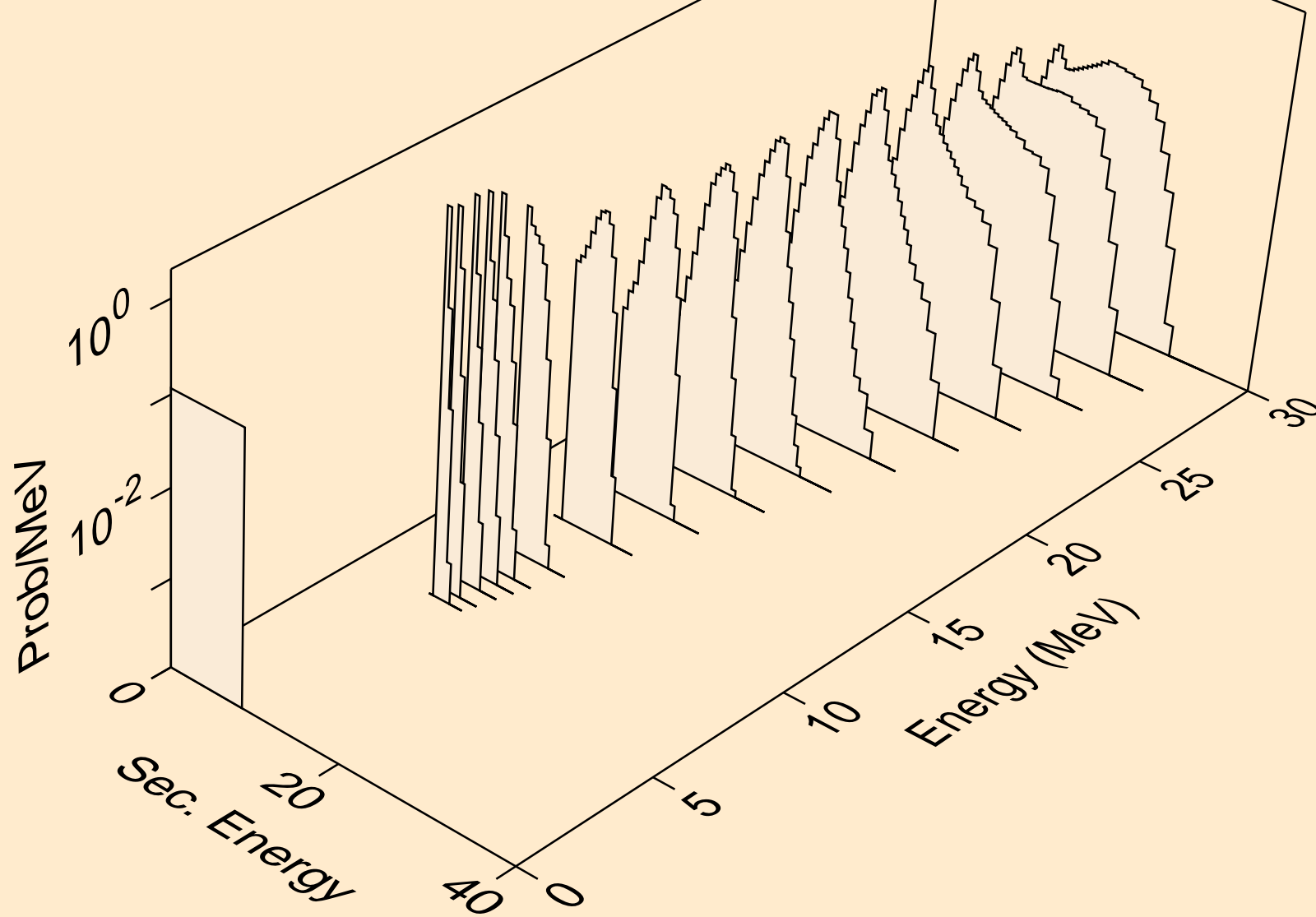
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



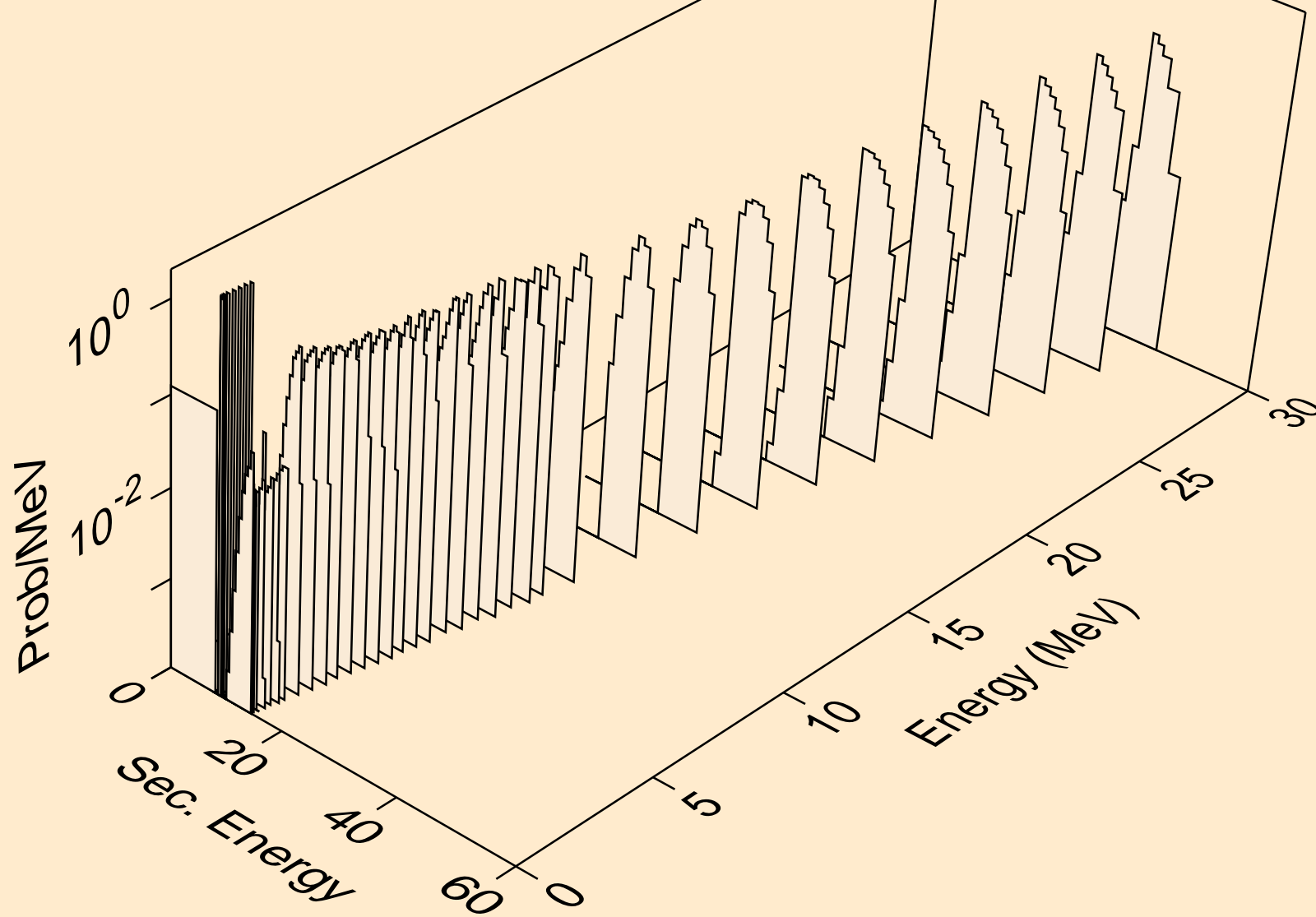
LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

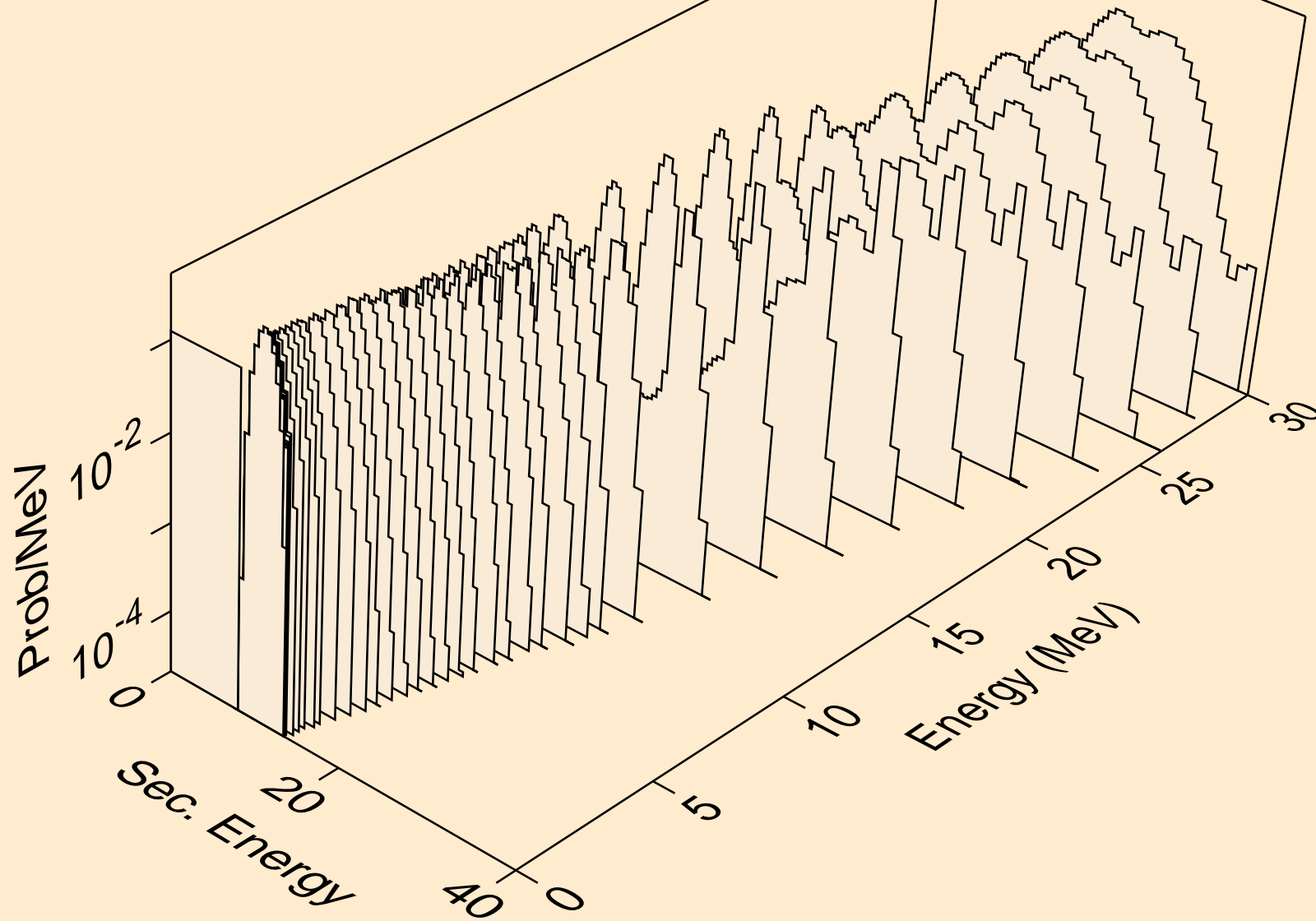


LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

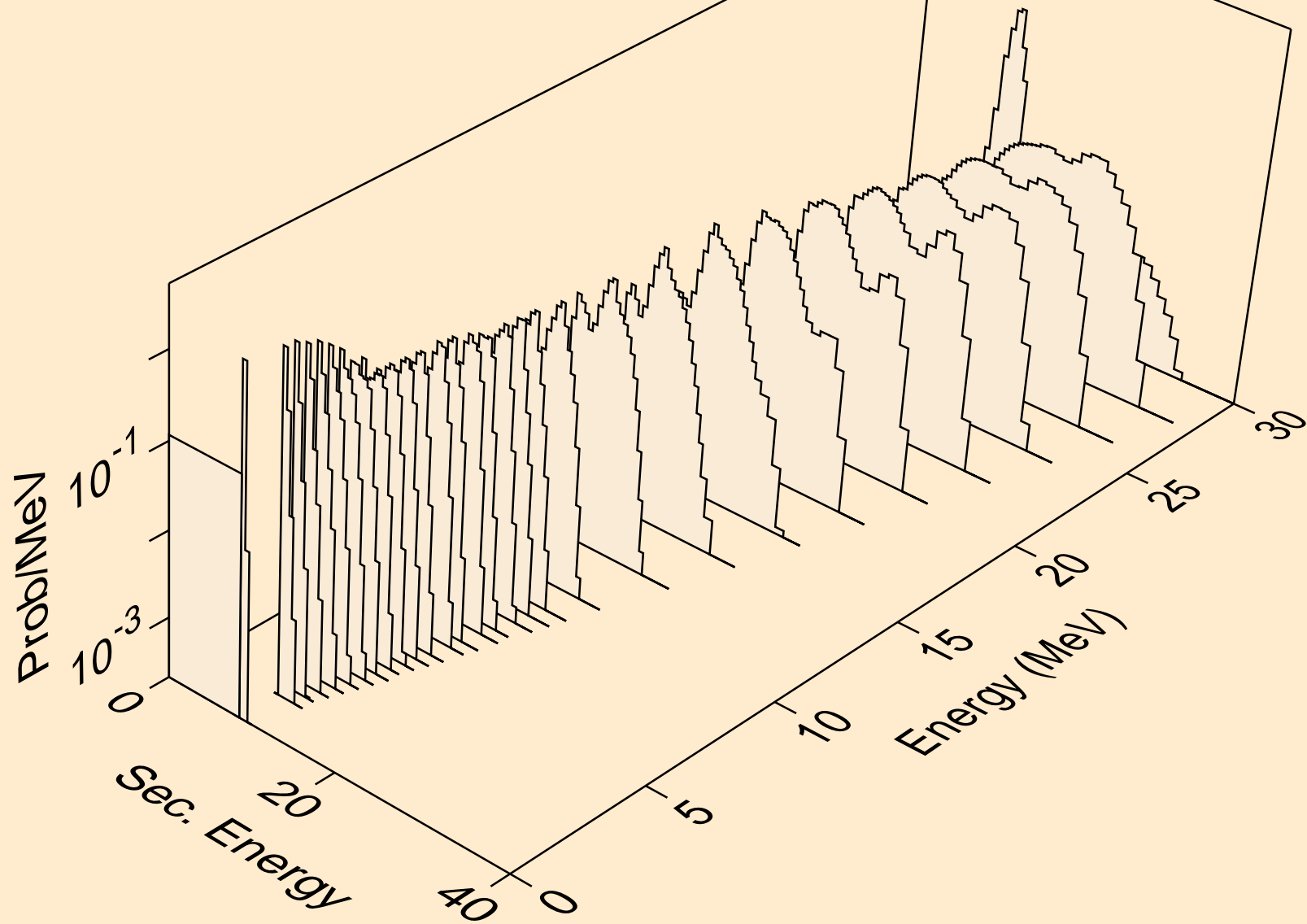




LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



LR257 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

