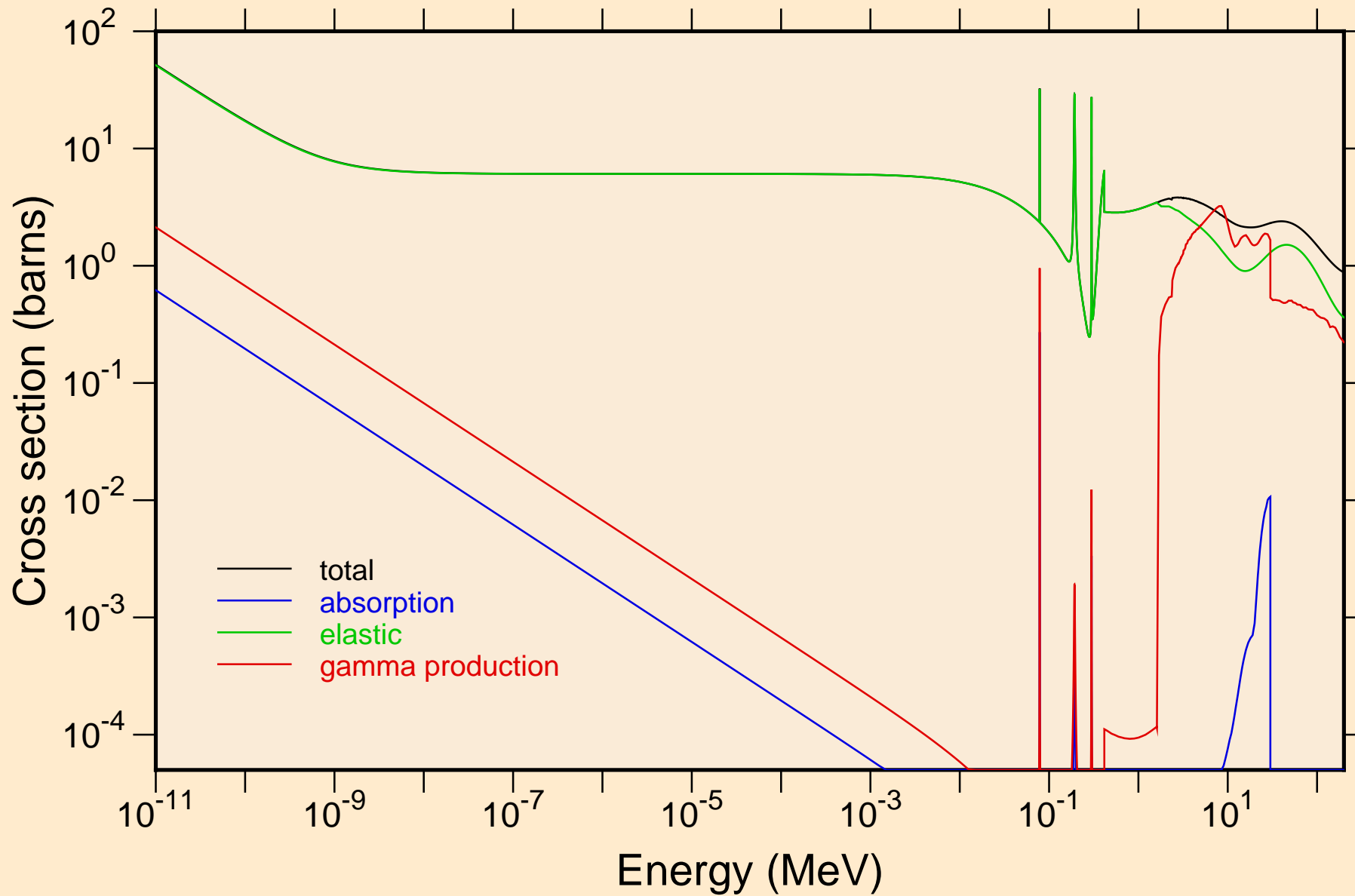
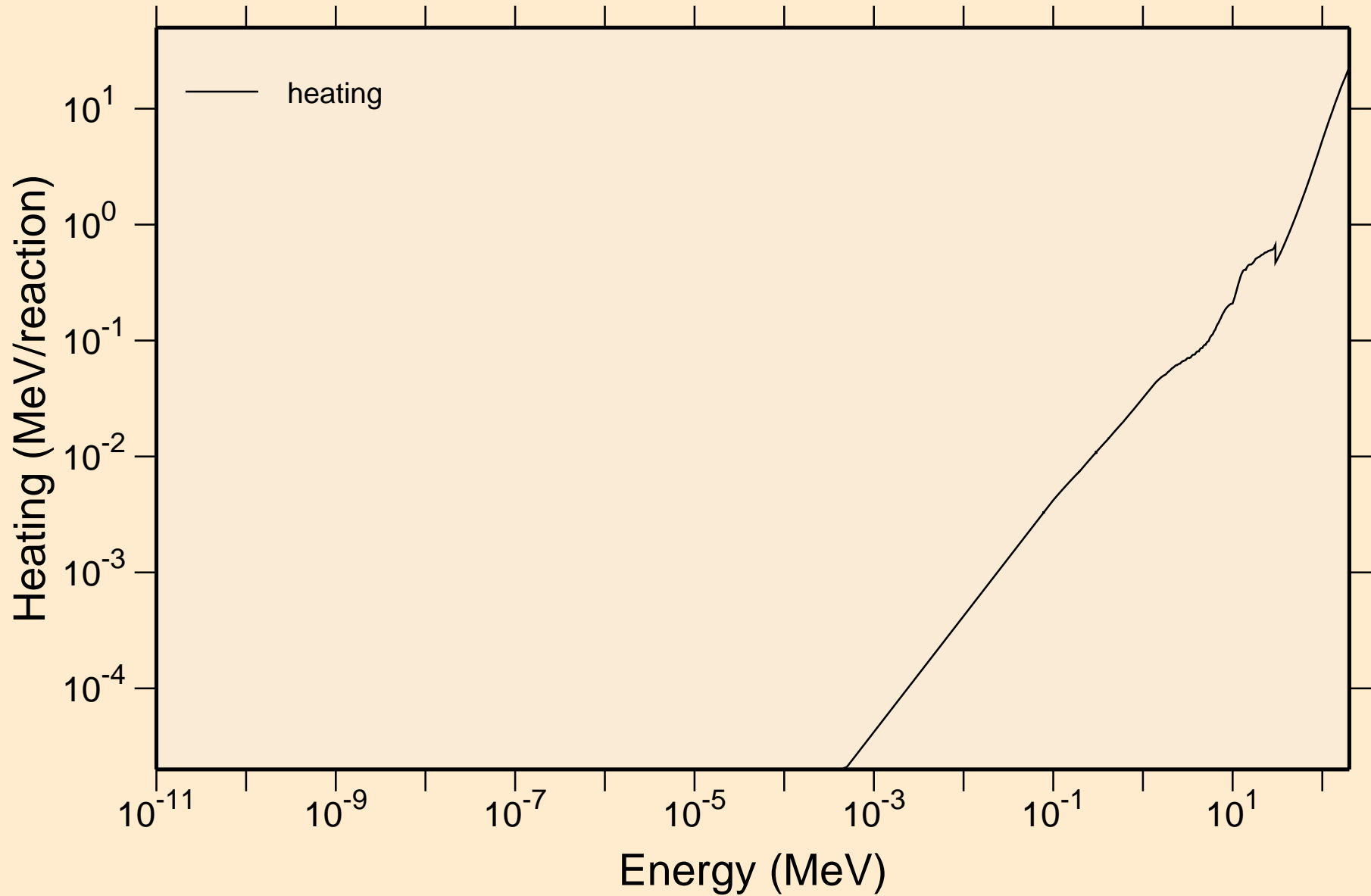


# AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

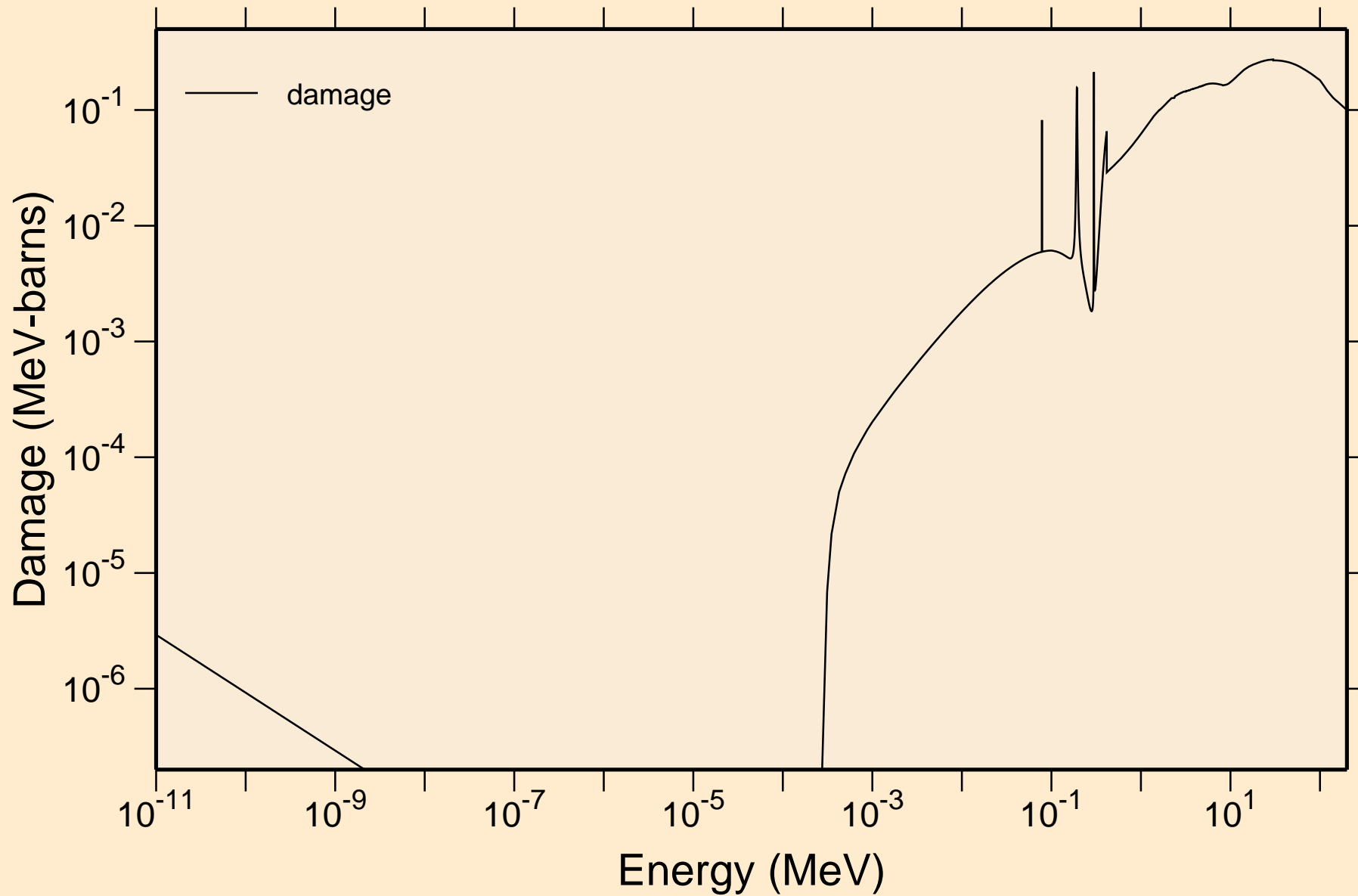
## Principal cross sections



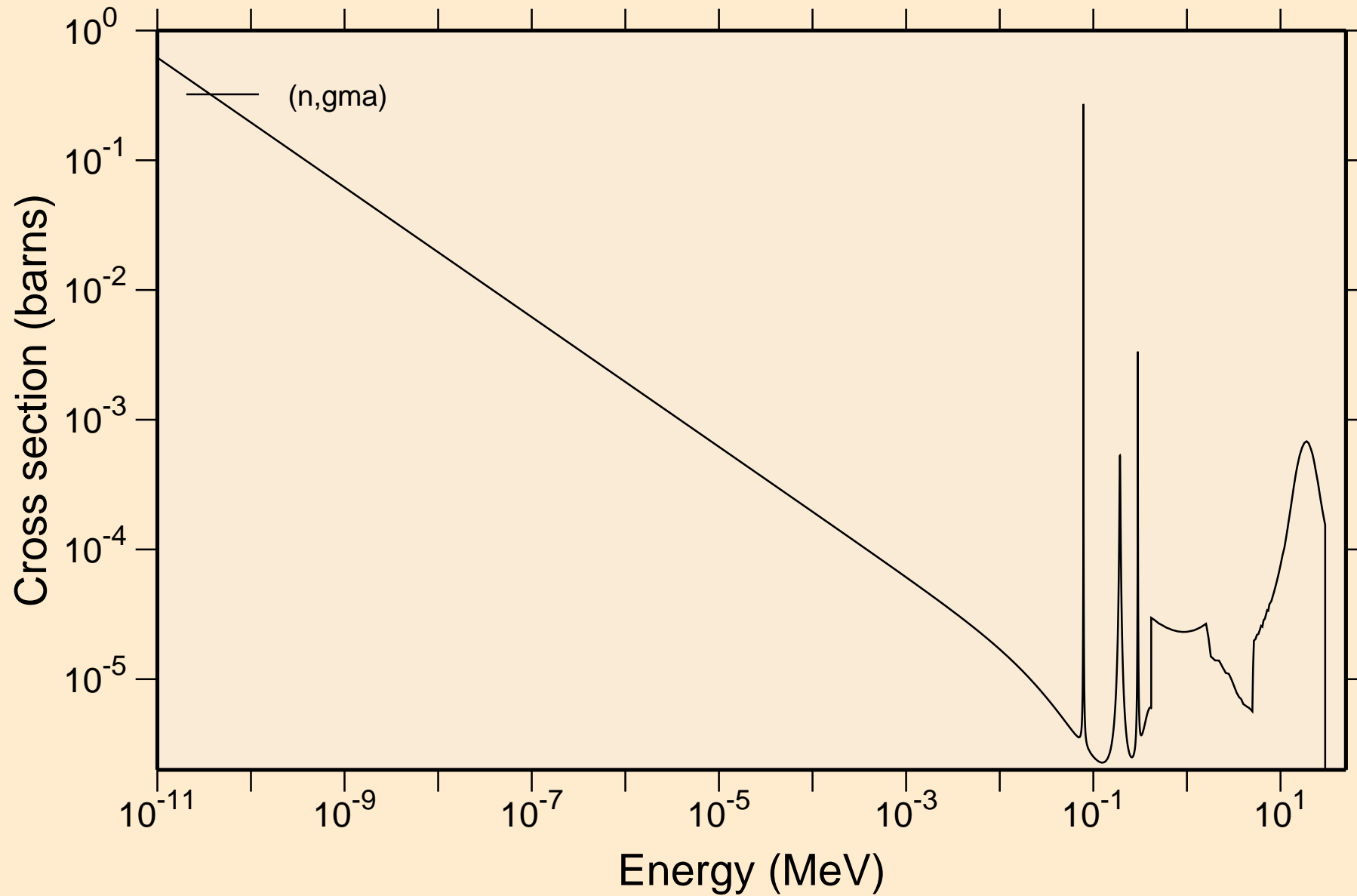
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

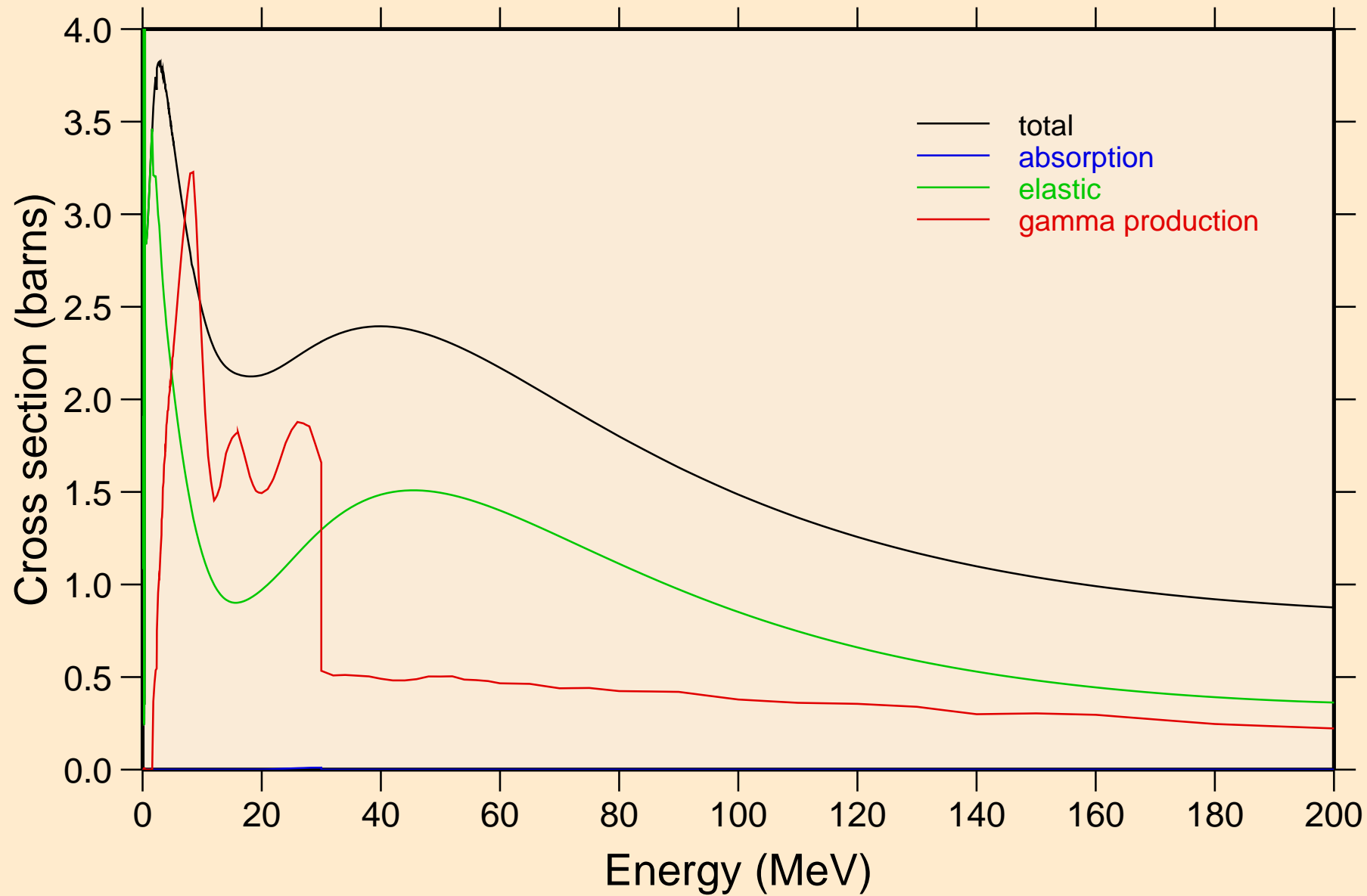


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

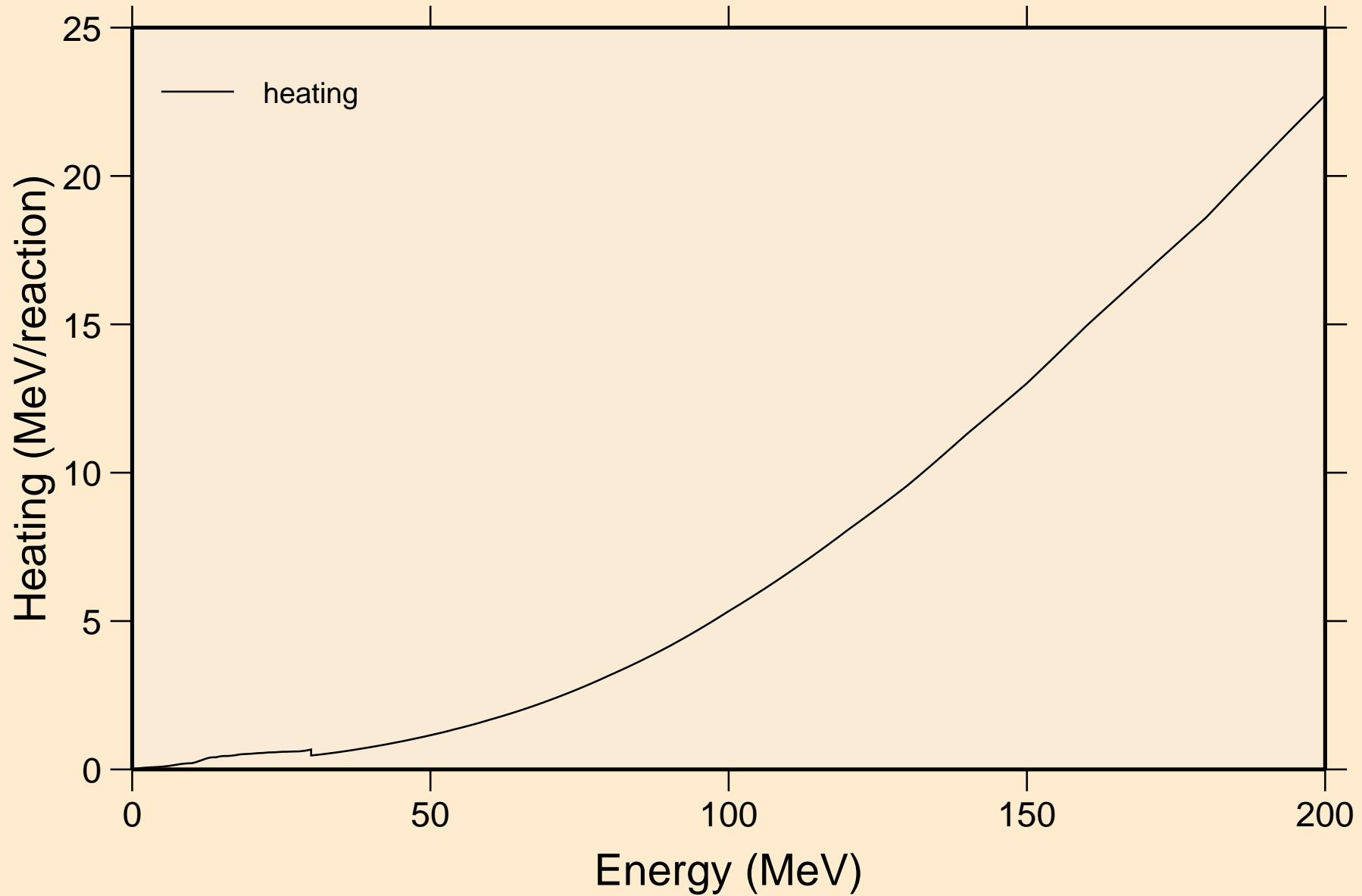


# AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

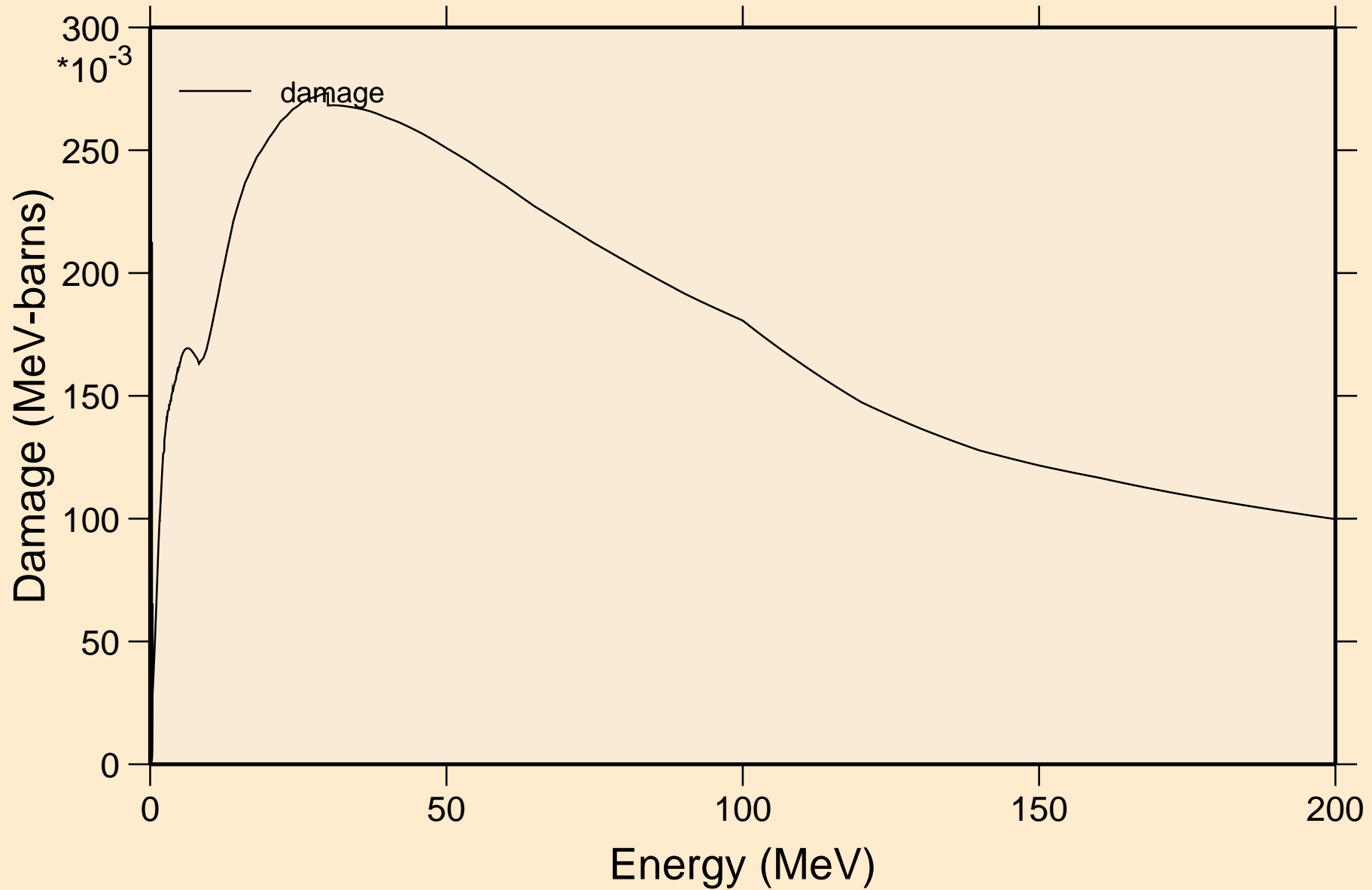
## Principal cross sections



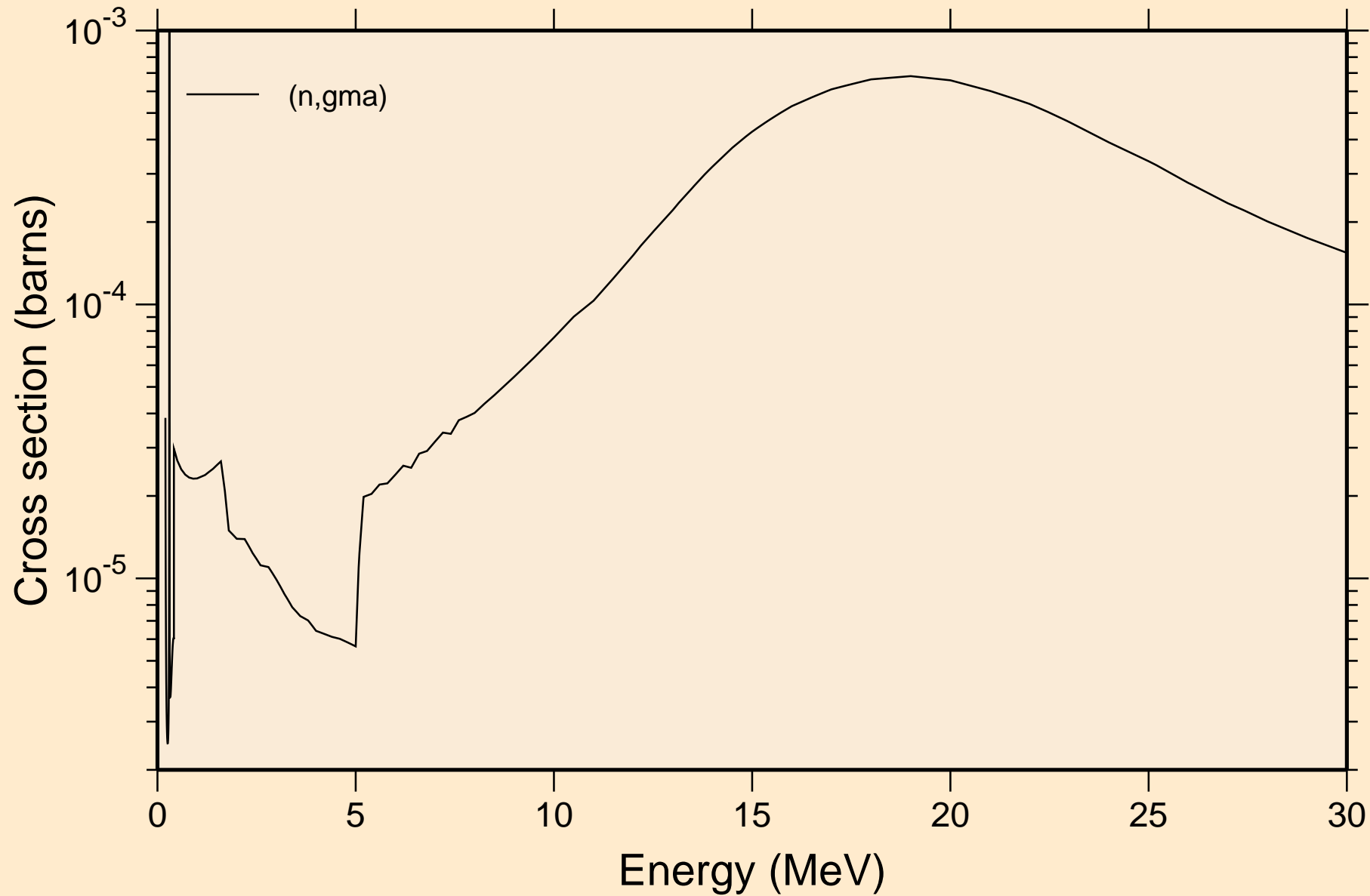
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

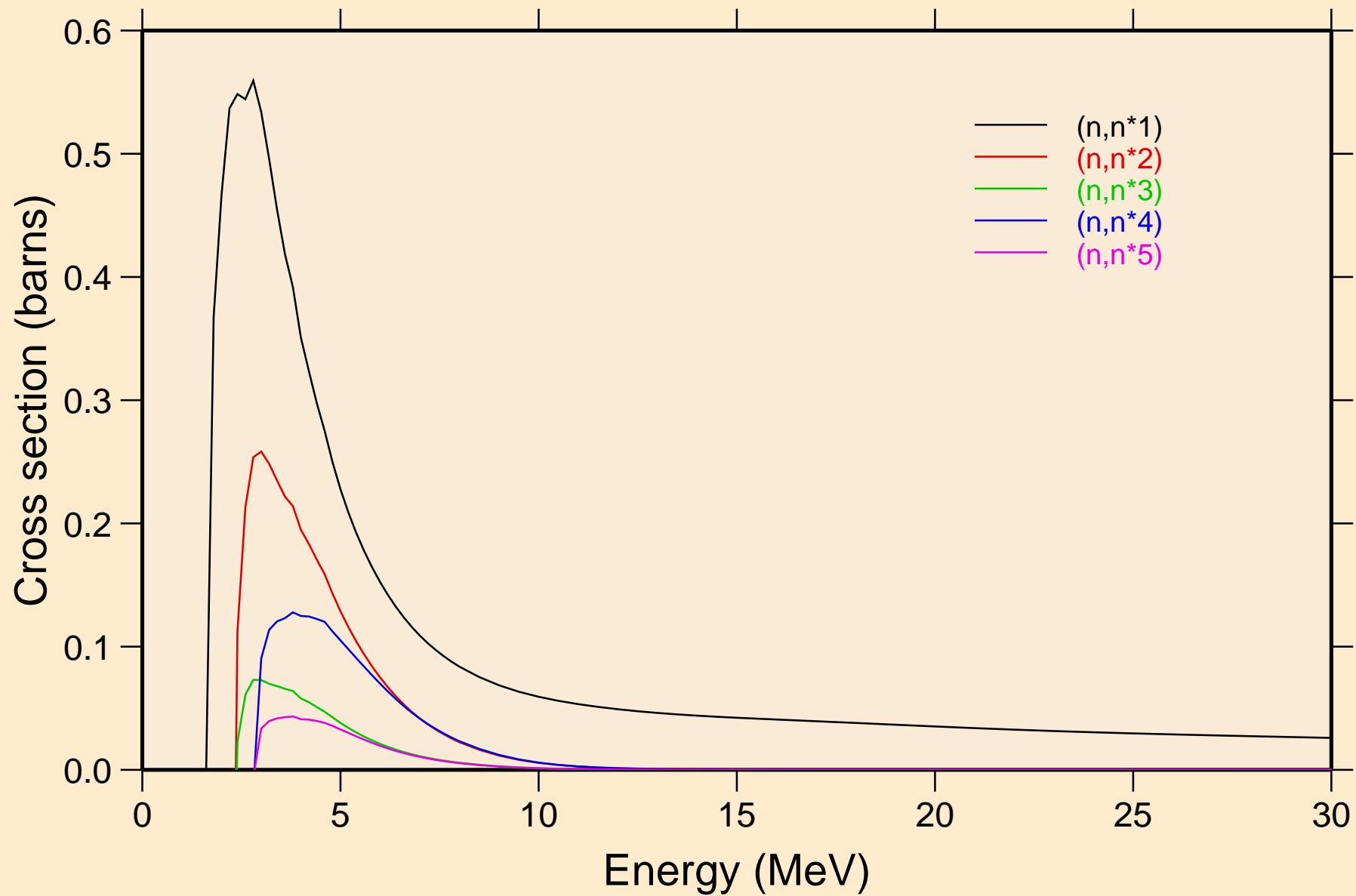


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

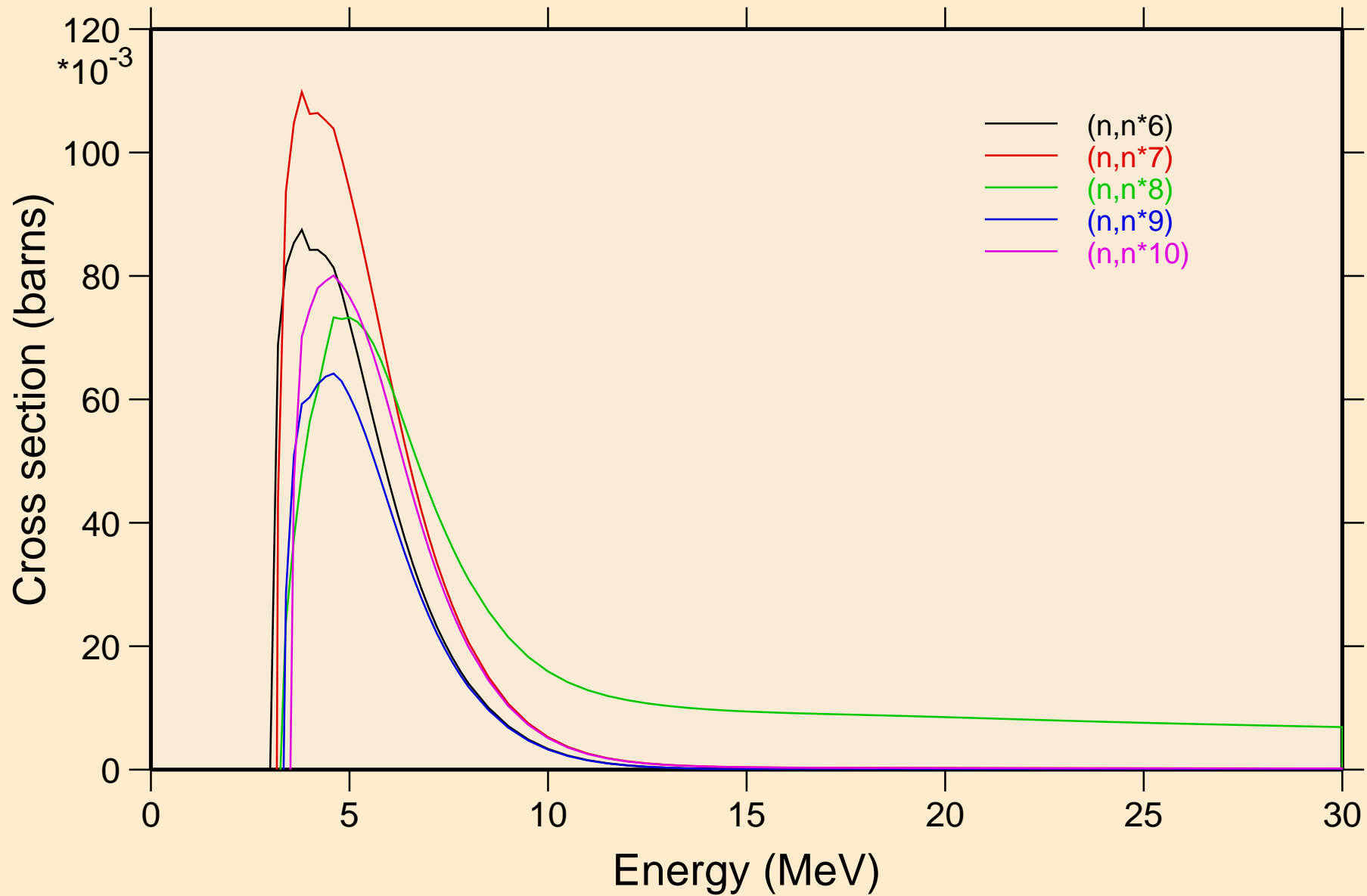




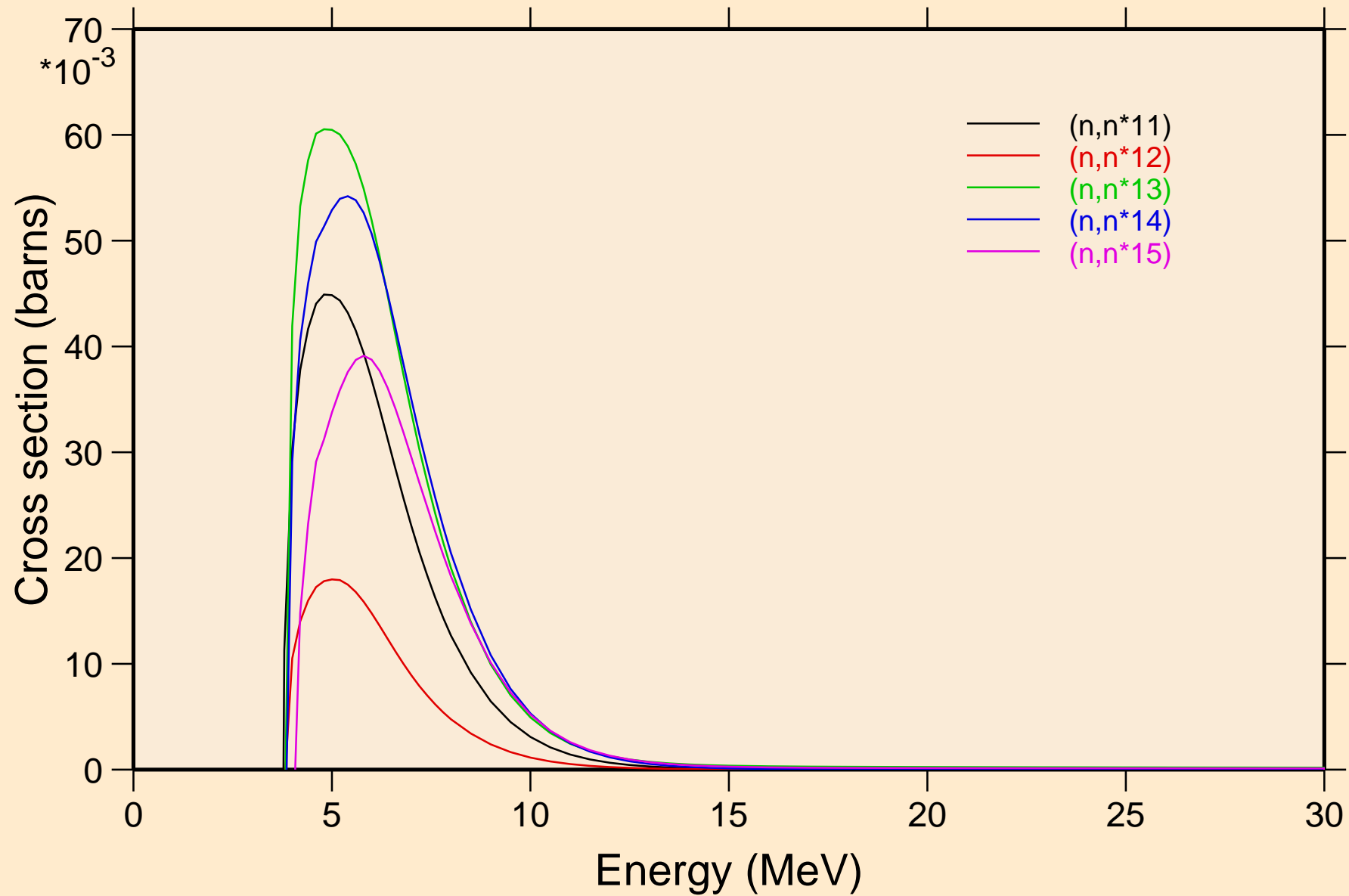
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



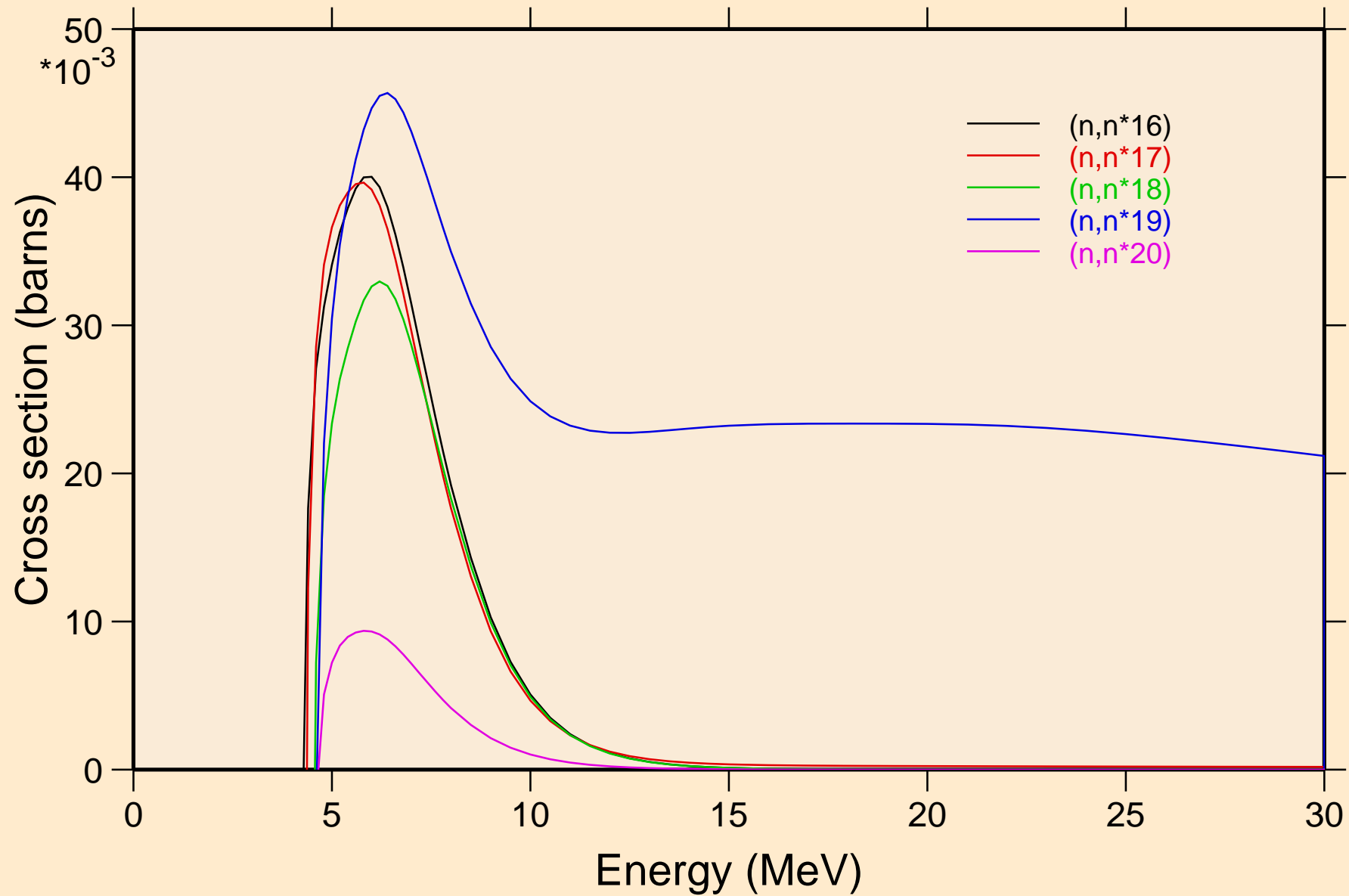
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



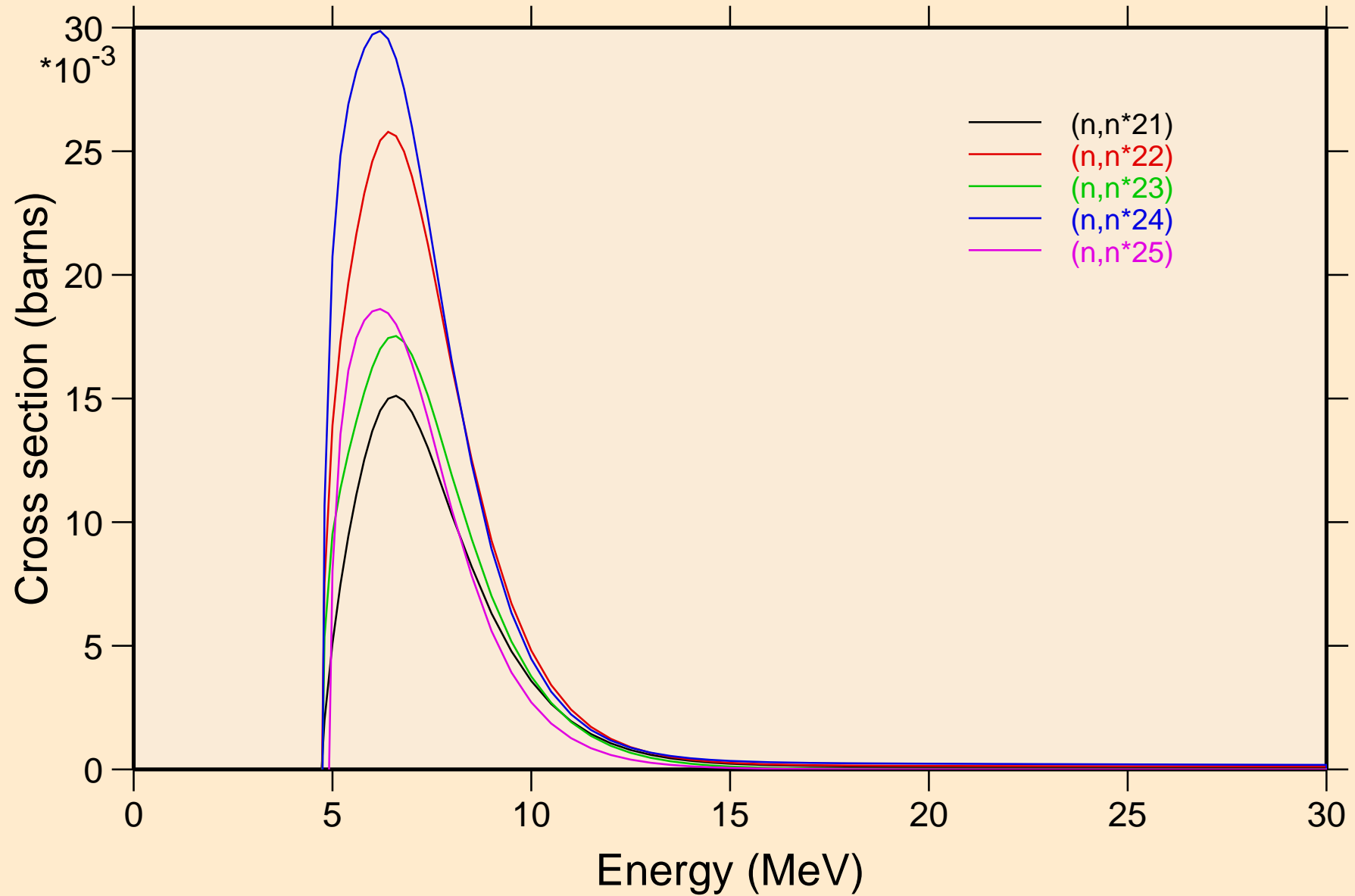
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



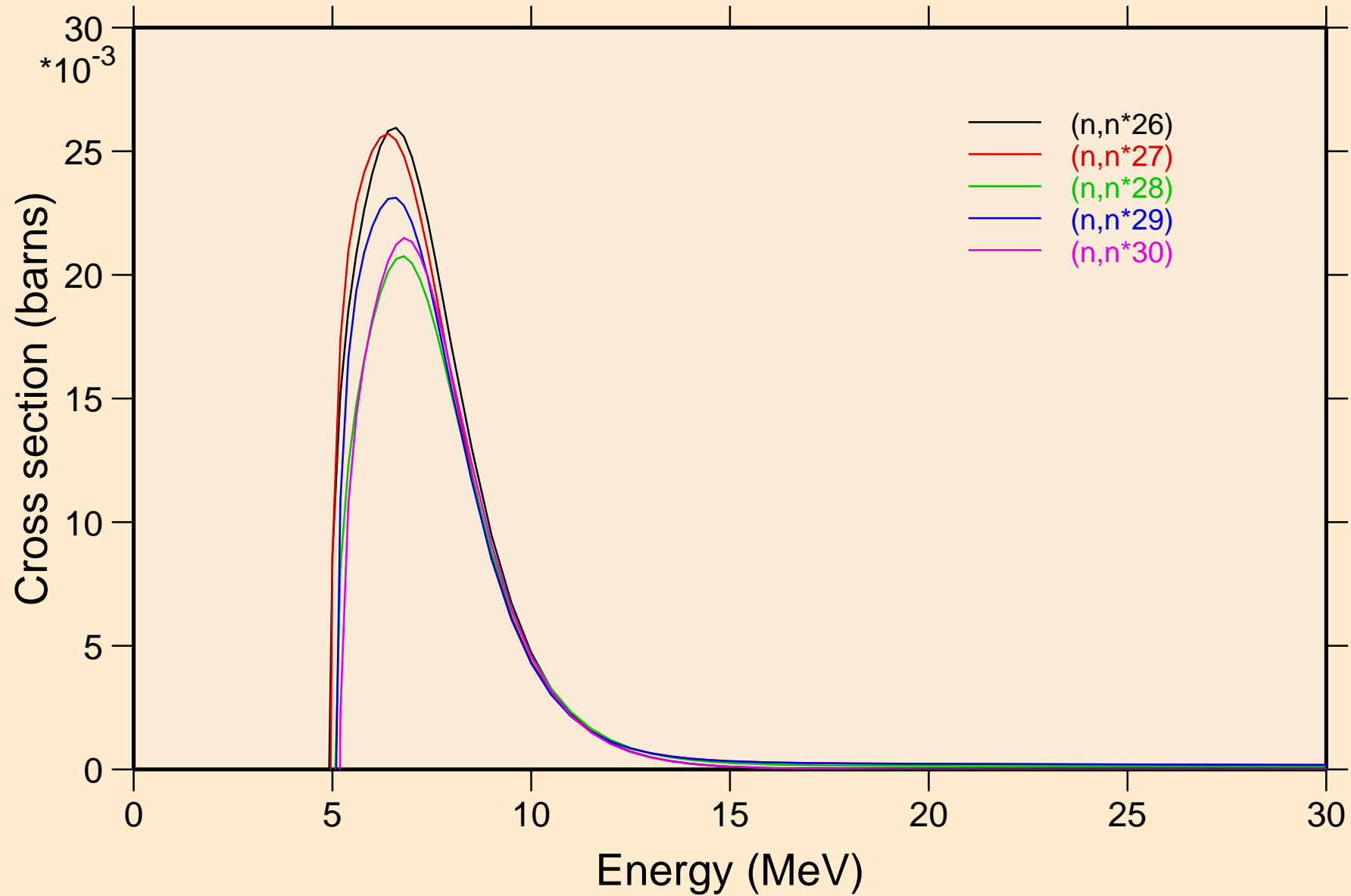
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



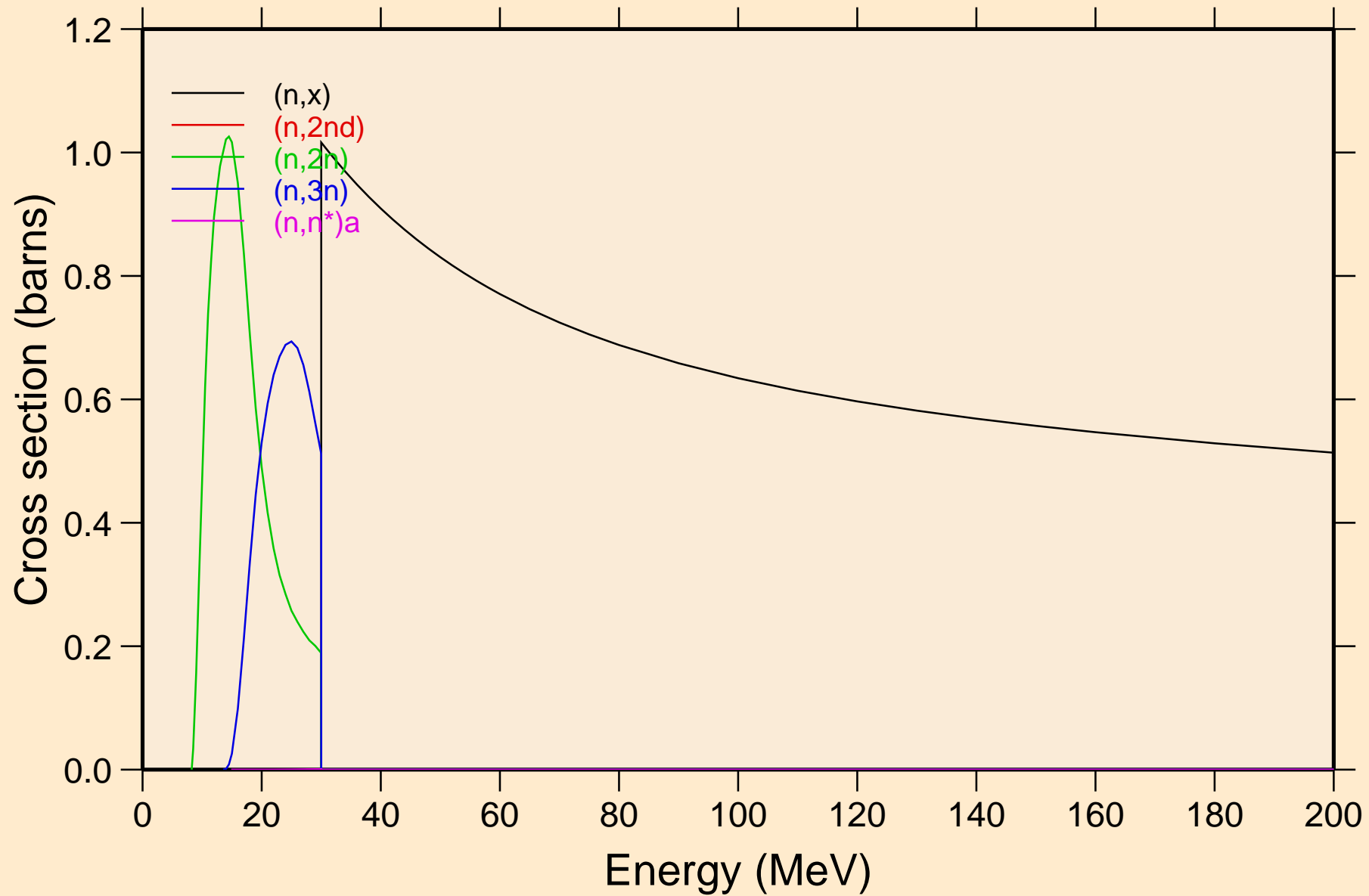
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



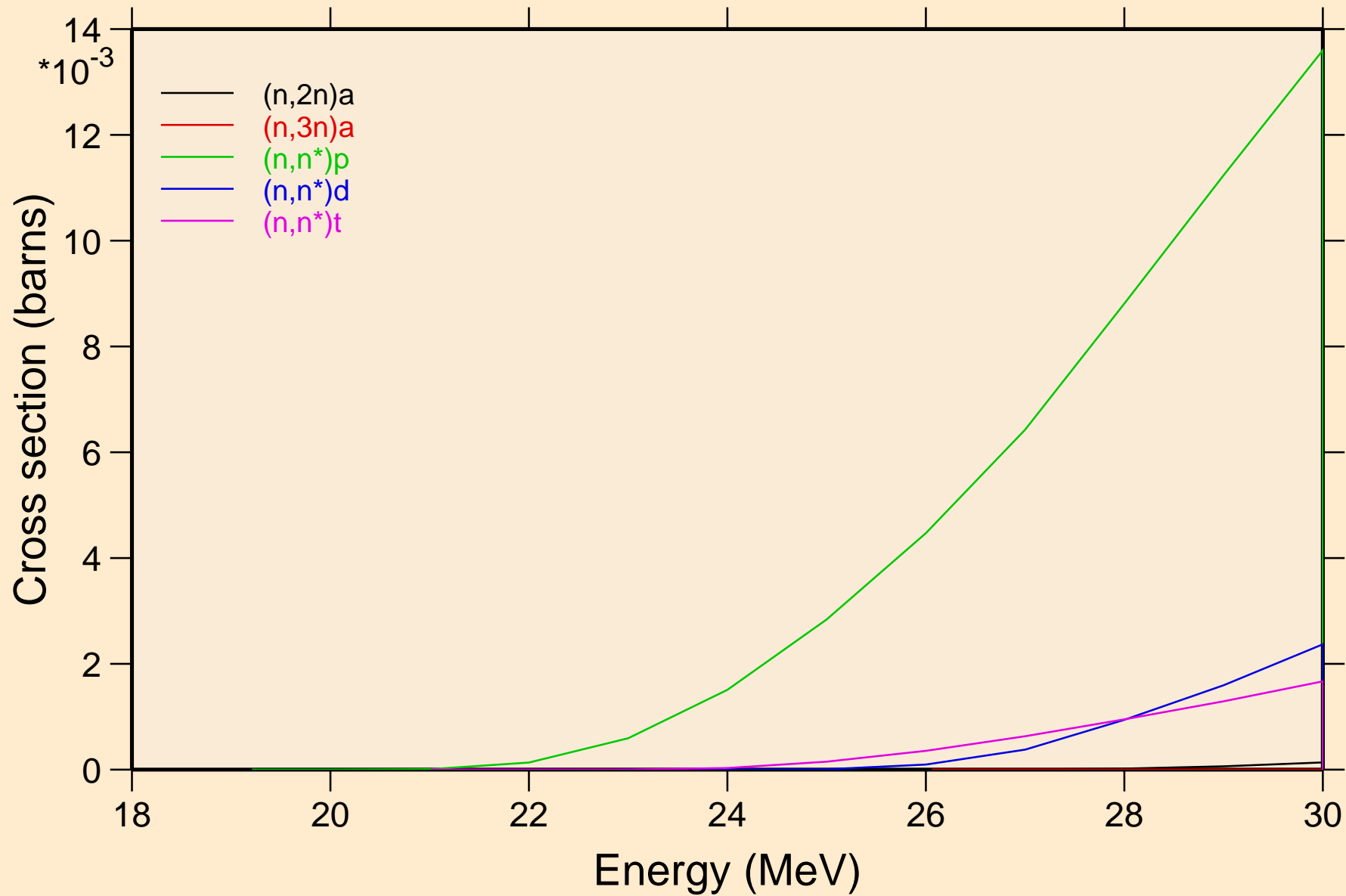
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

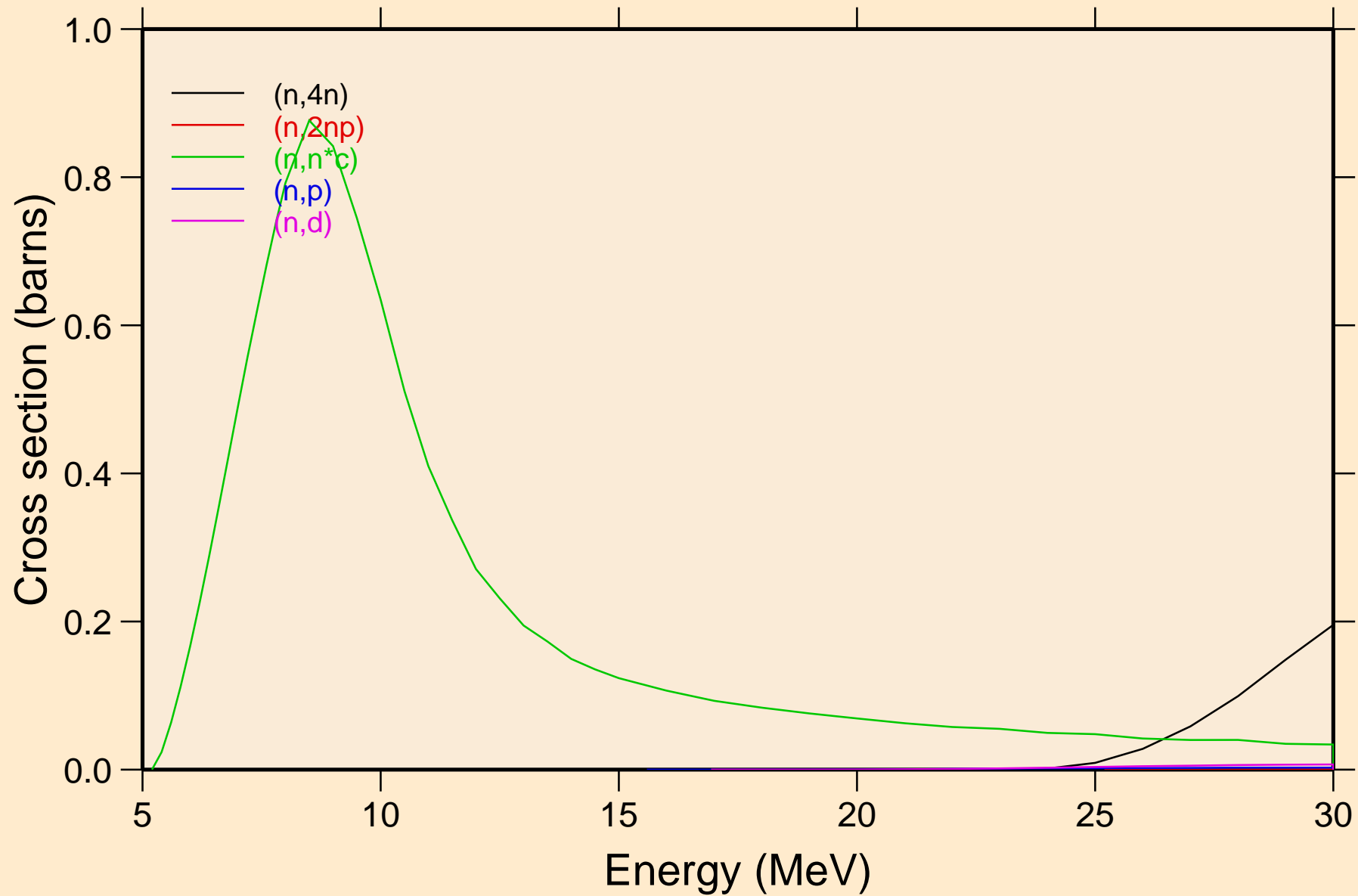


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

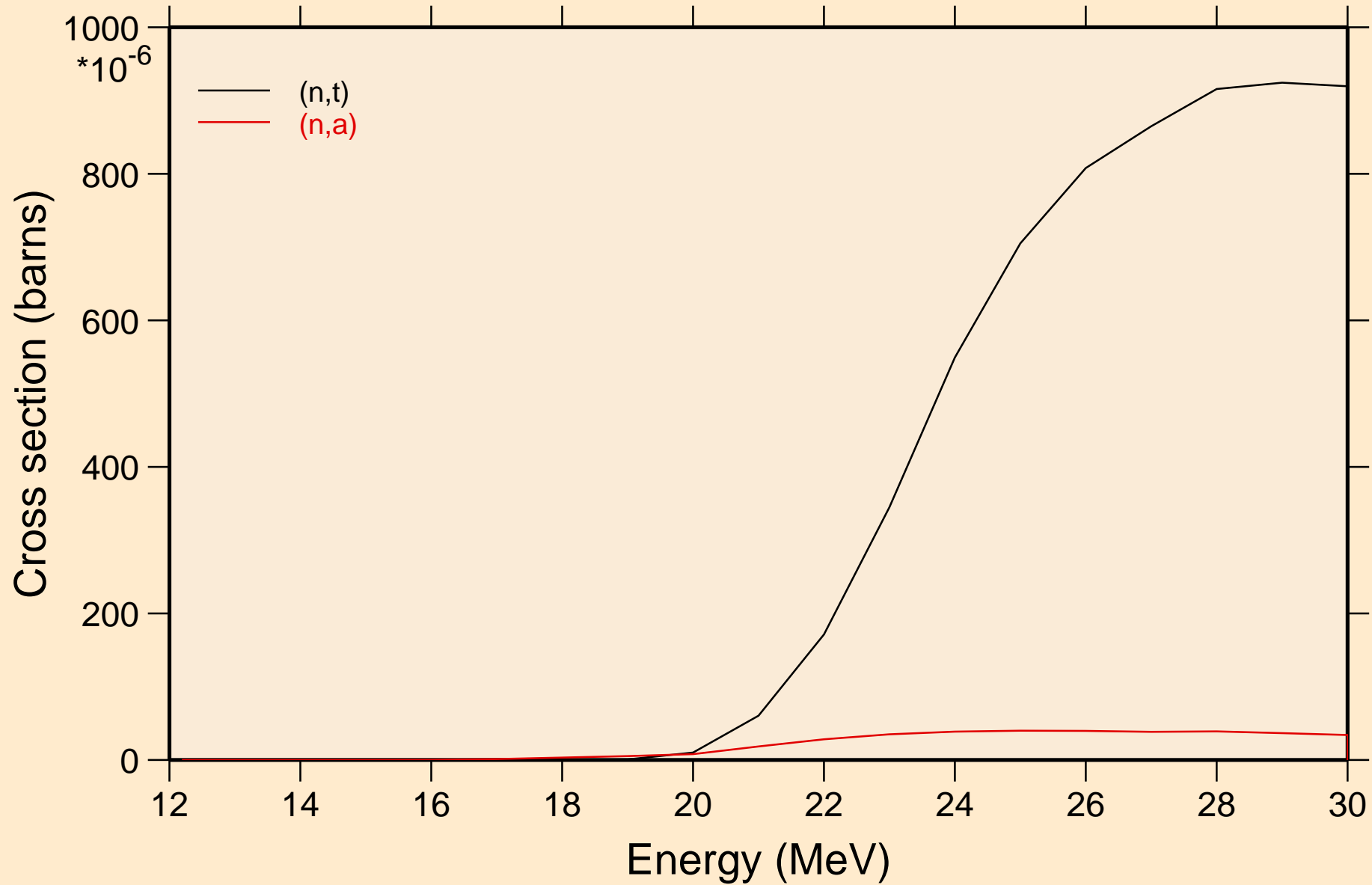




AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

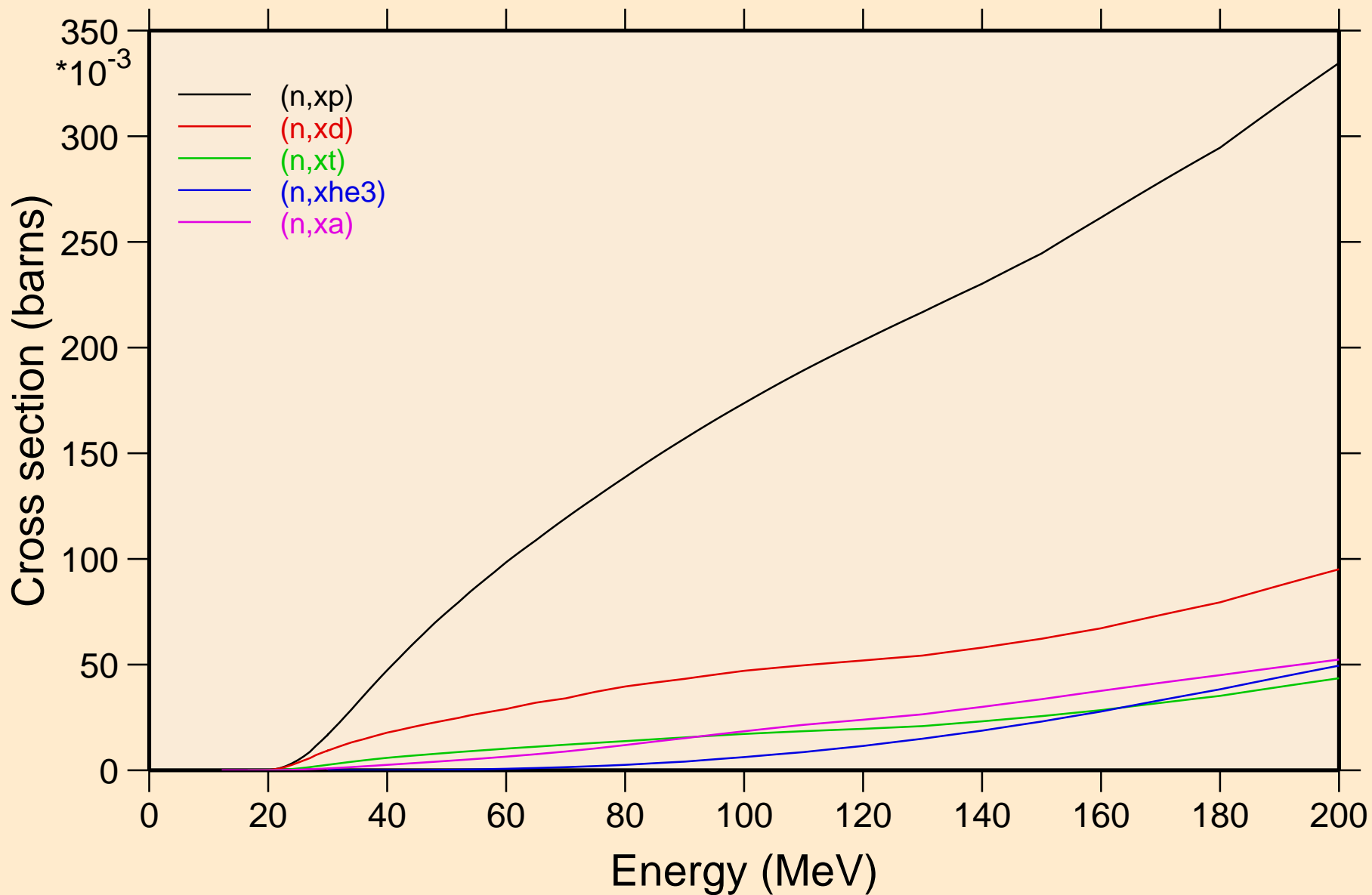


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

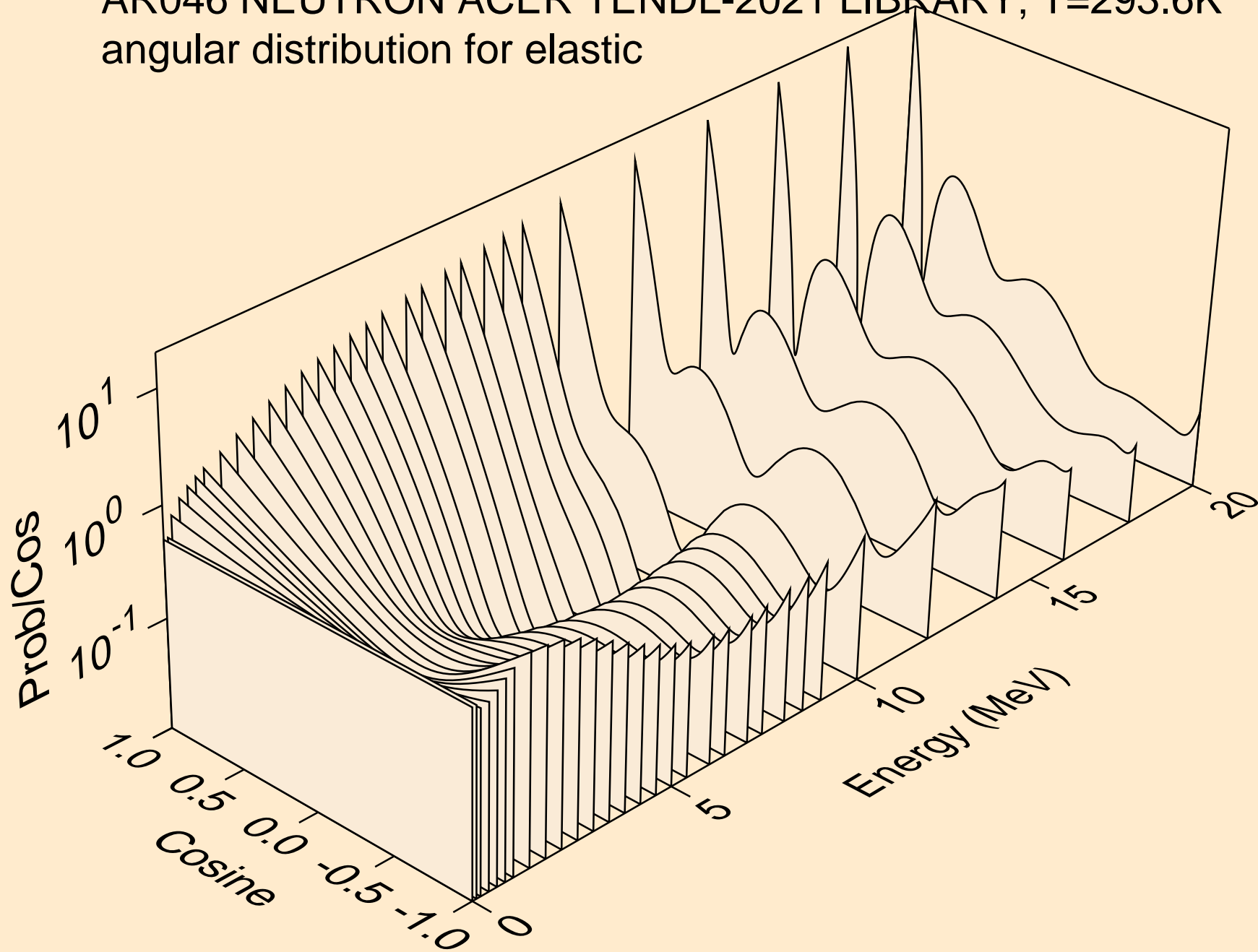


# AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

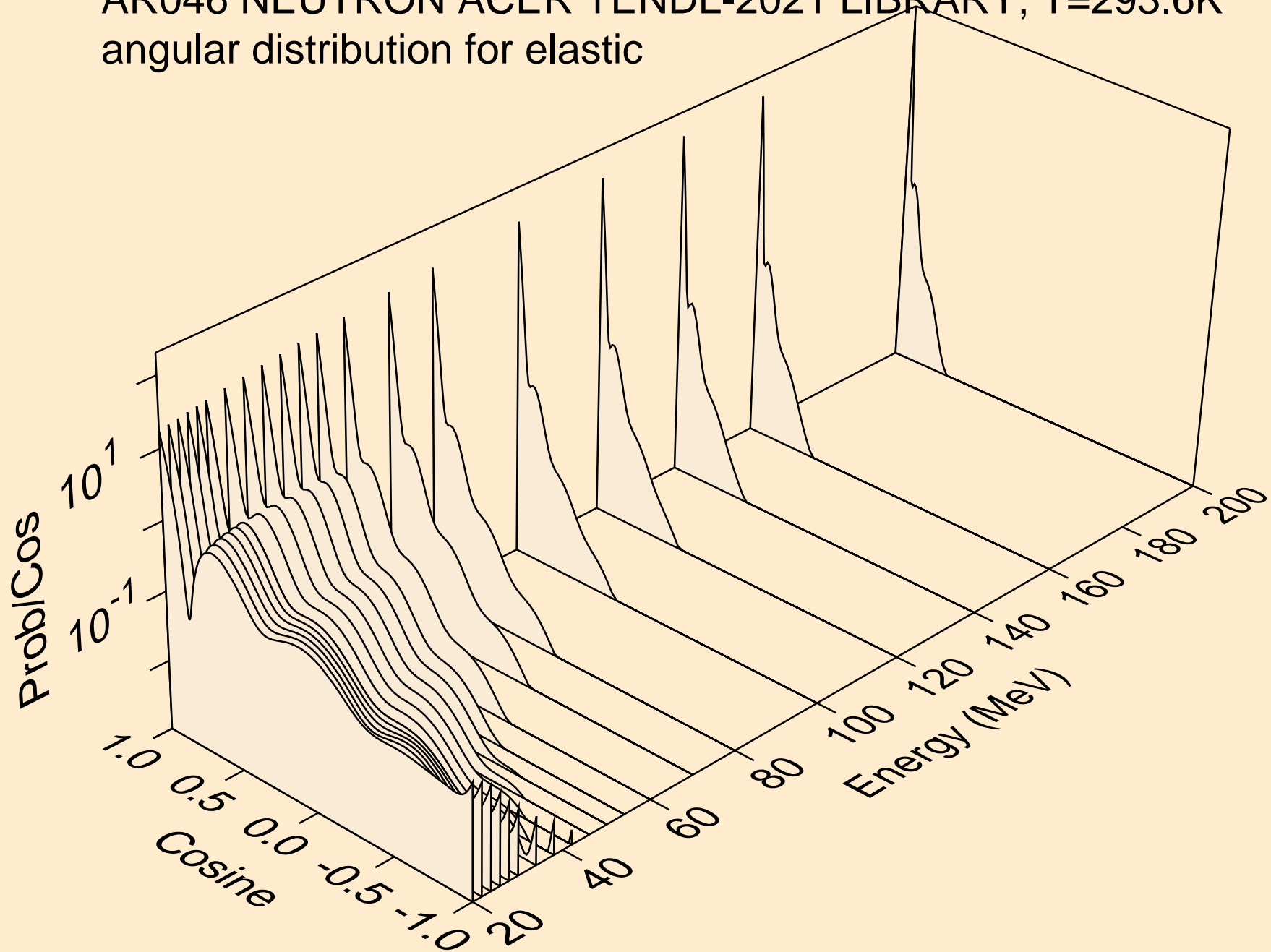
## Threshold reactions



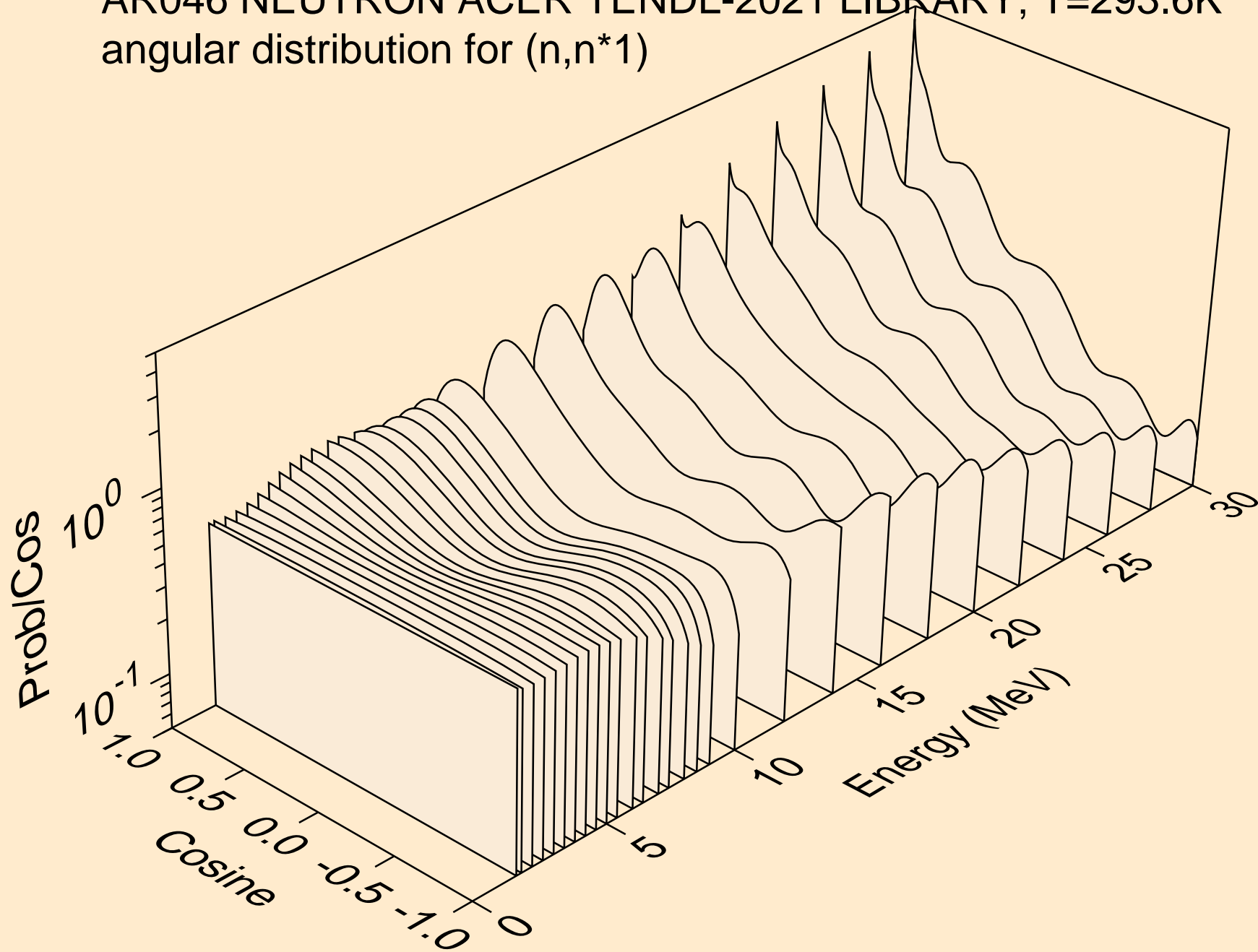
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



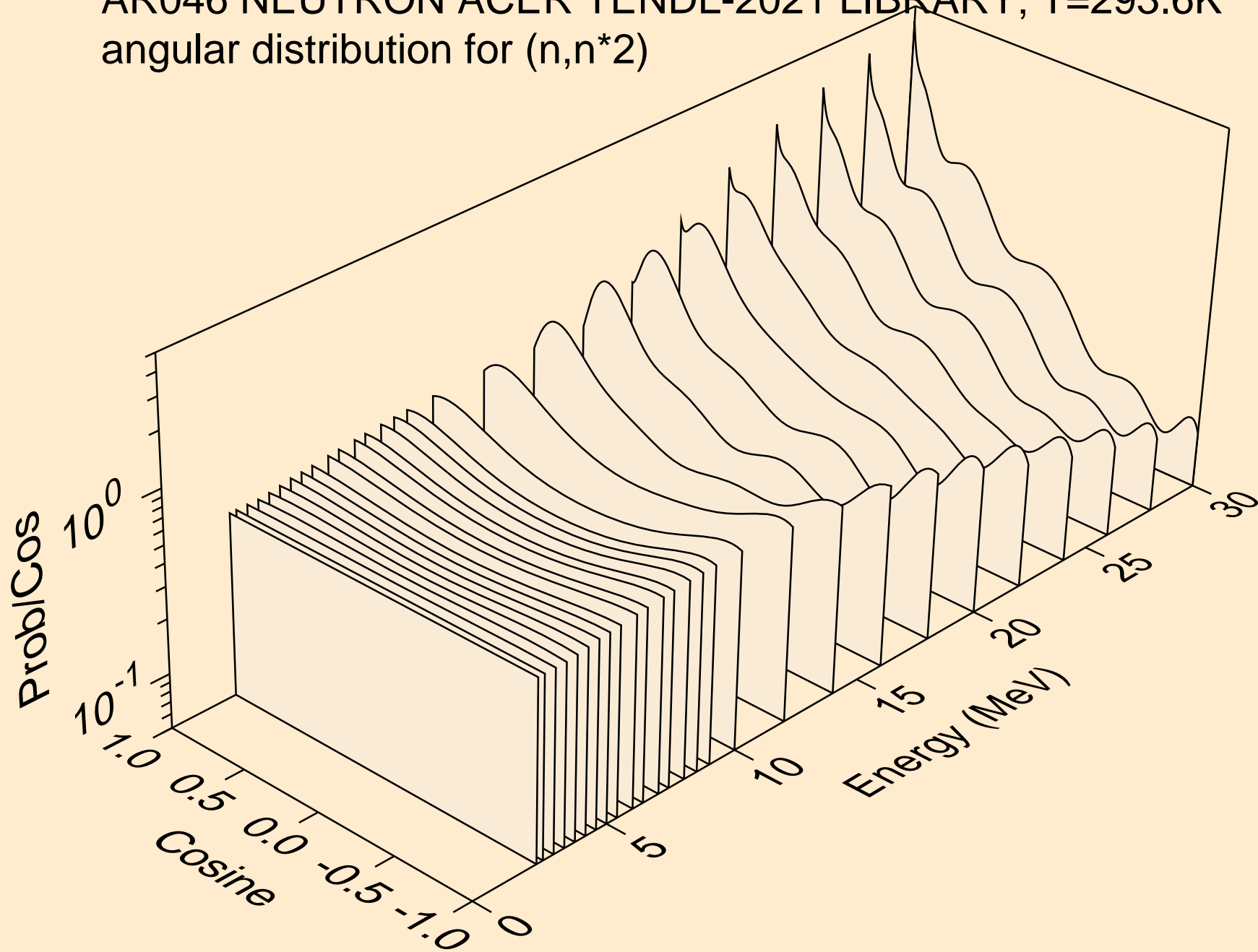
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



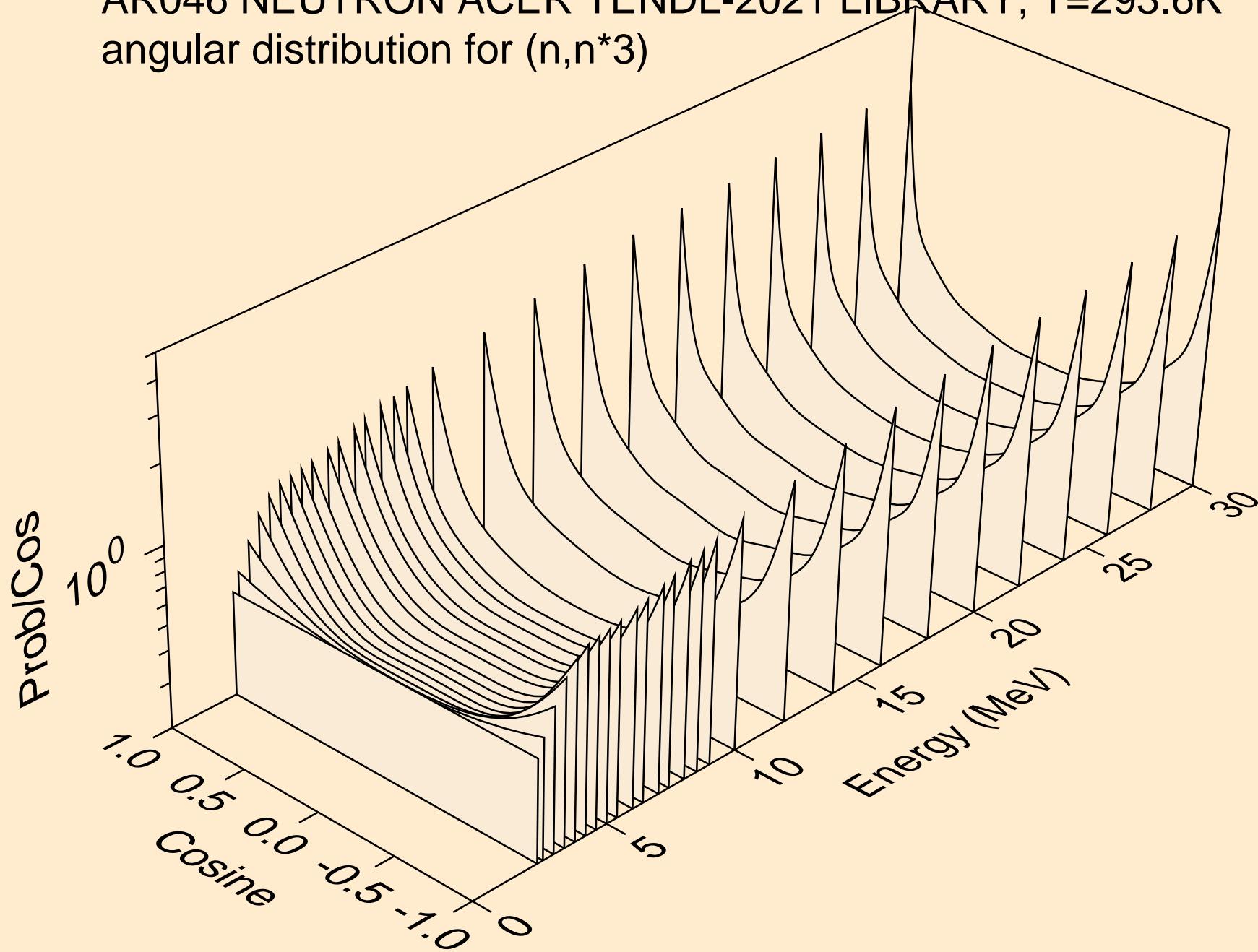
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

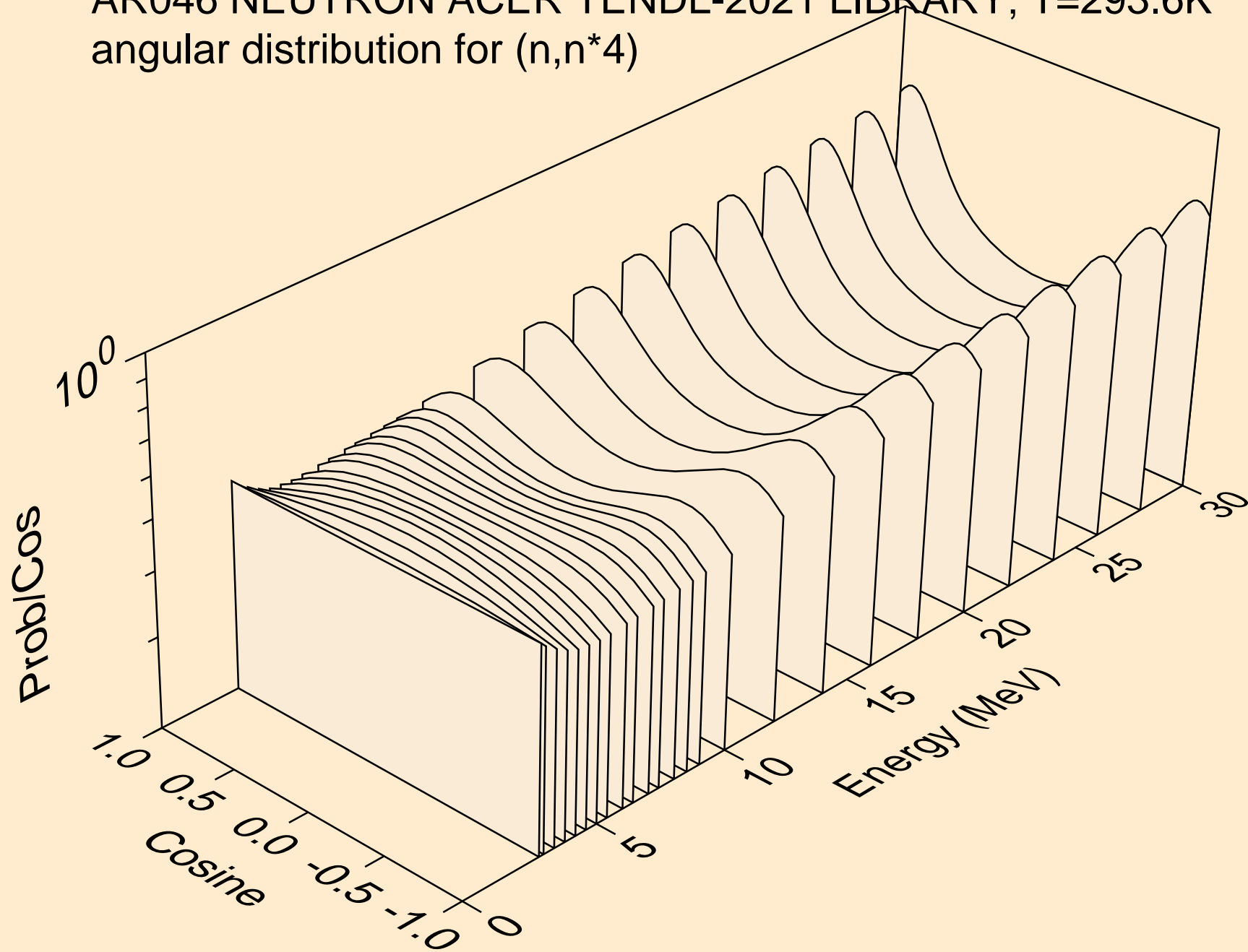


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

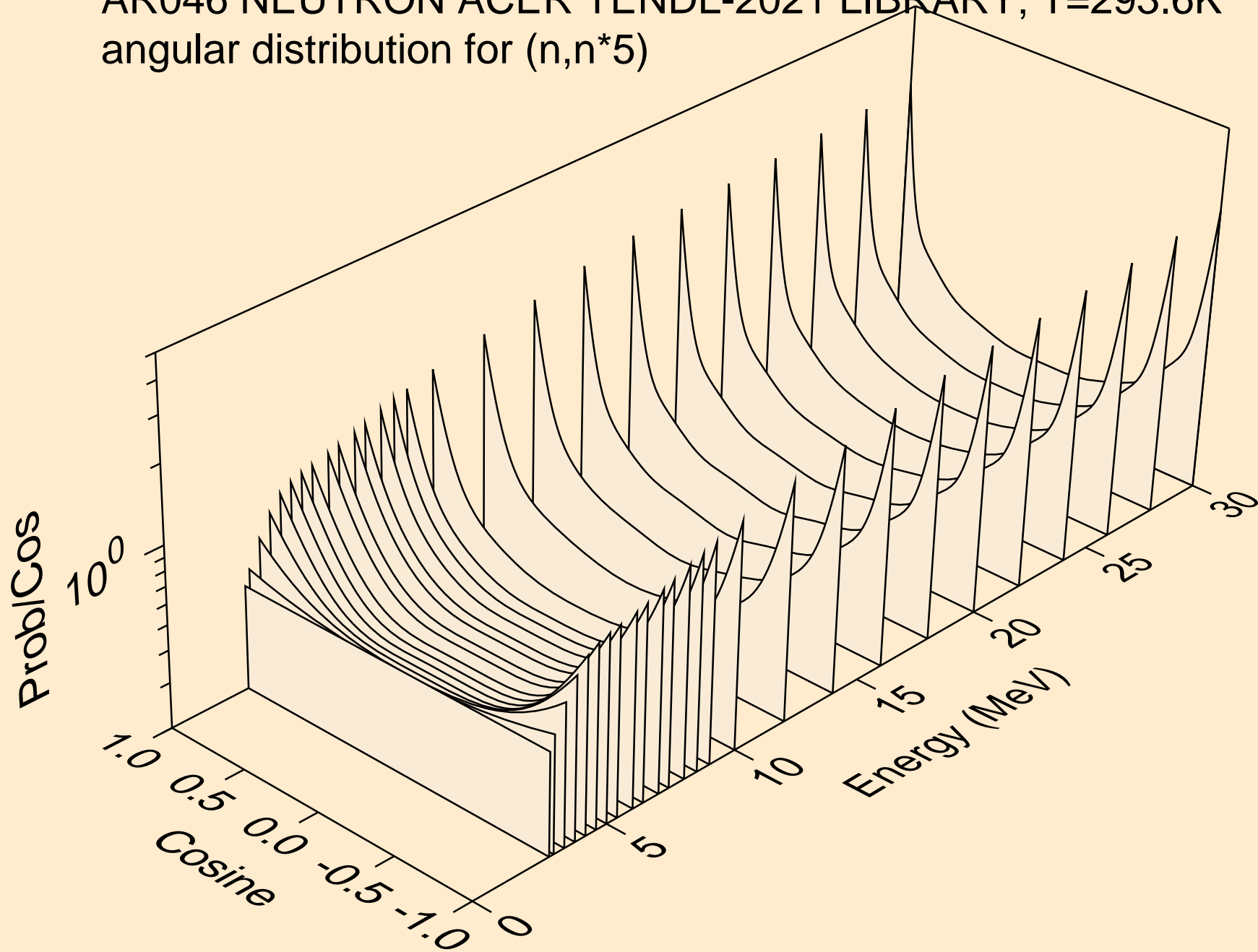




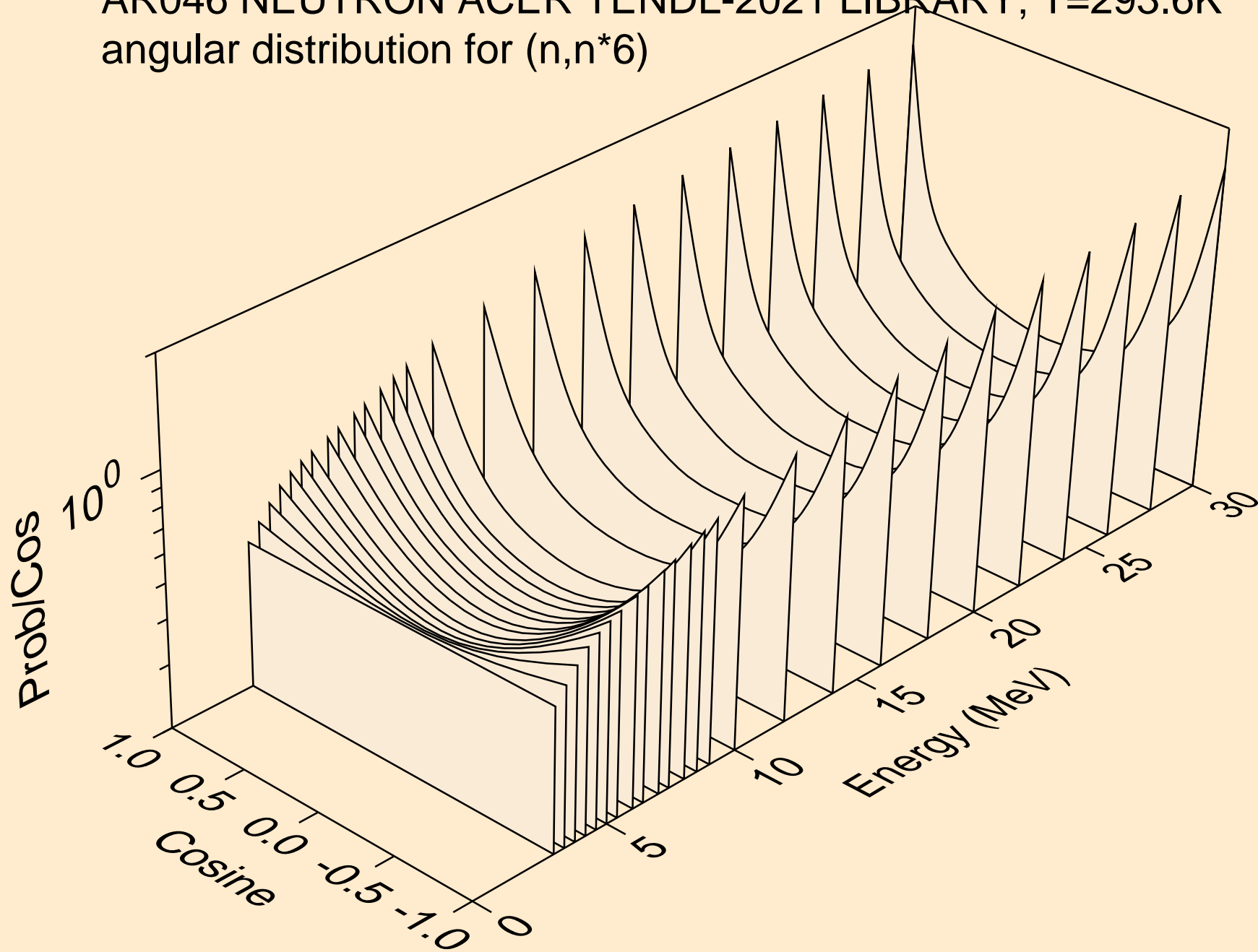
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angular distribution for (n,n\*4)



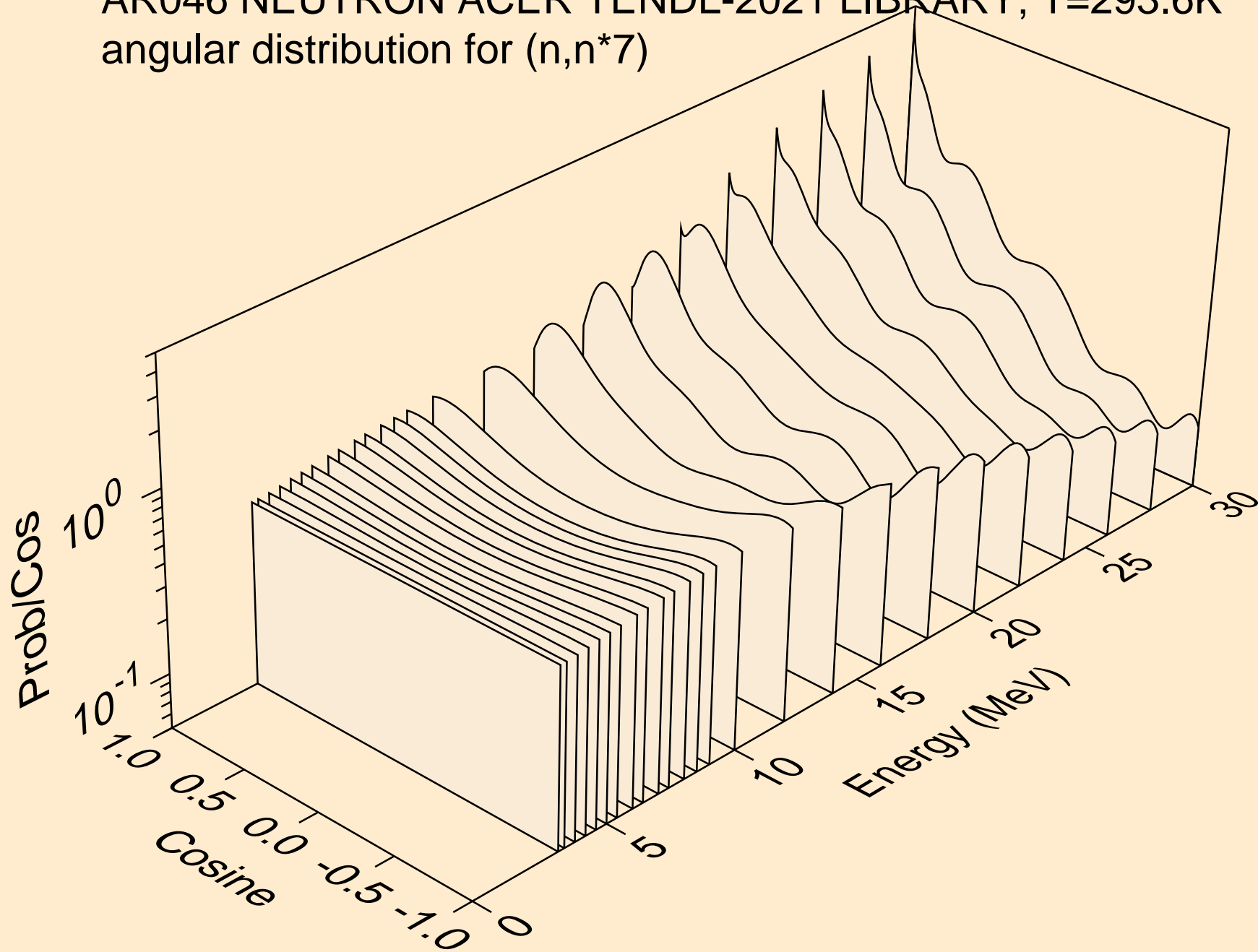
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



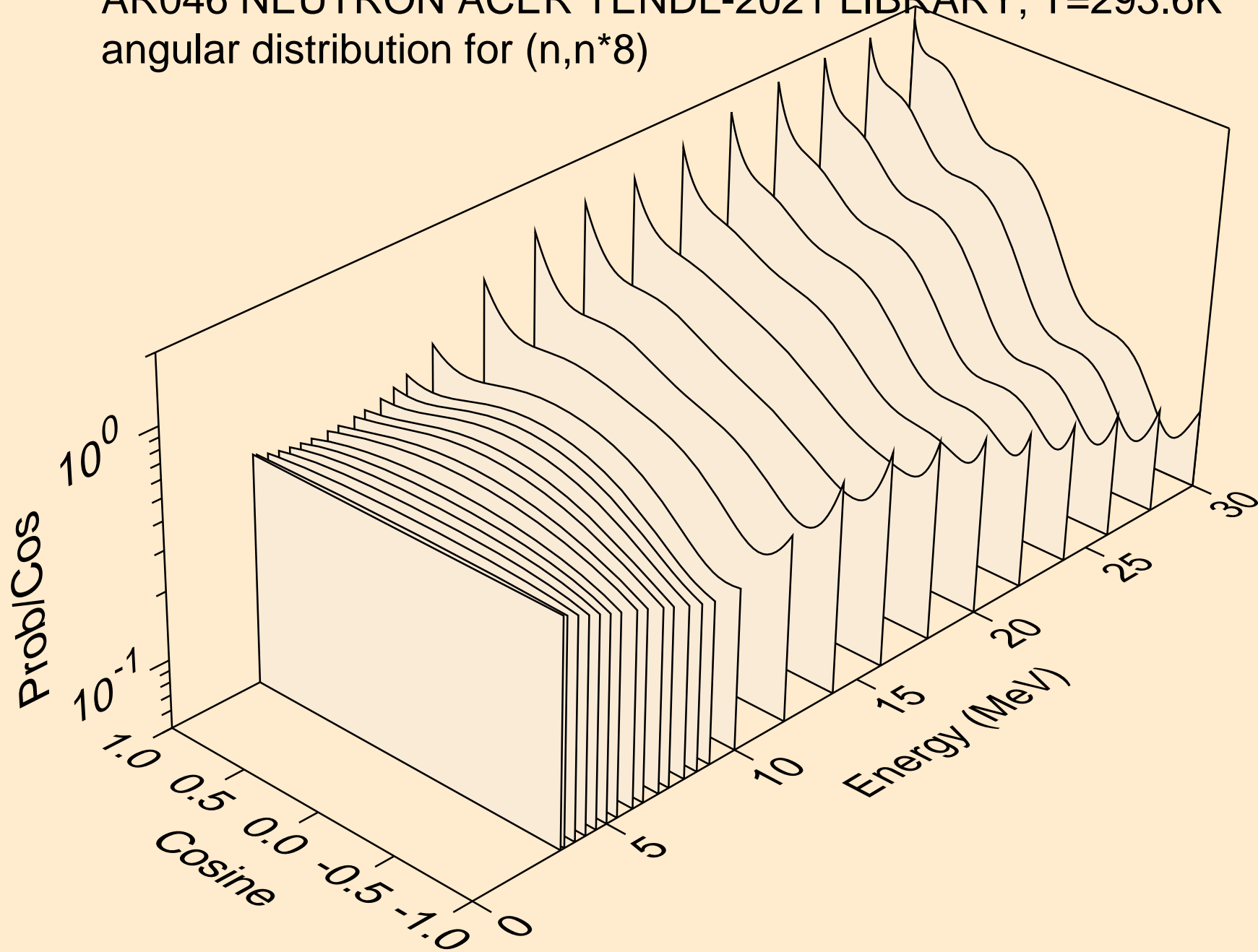
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angular distribution for (n,n\*6)



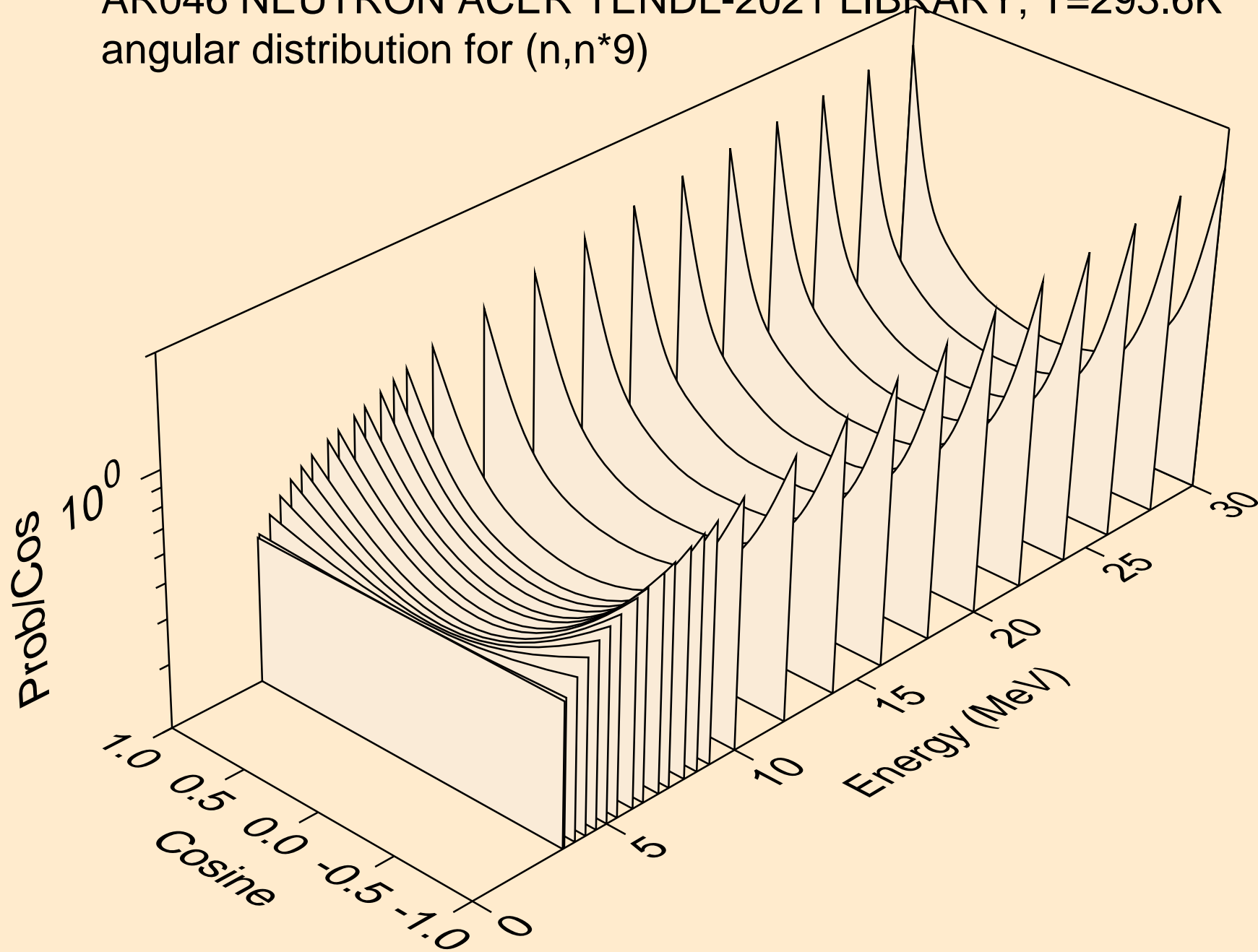
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angular distribution for (n,n\*7)



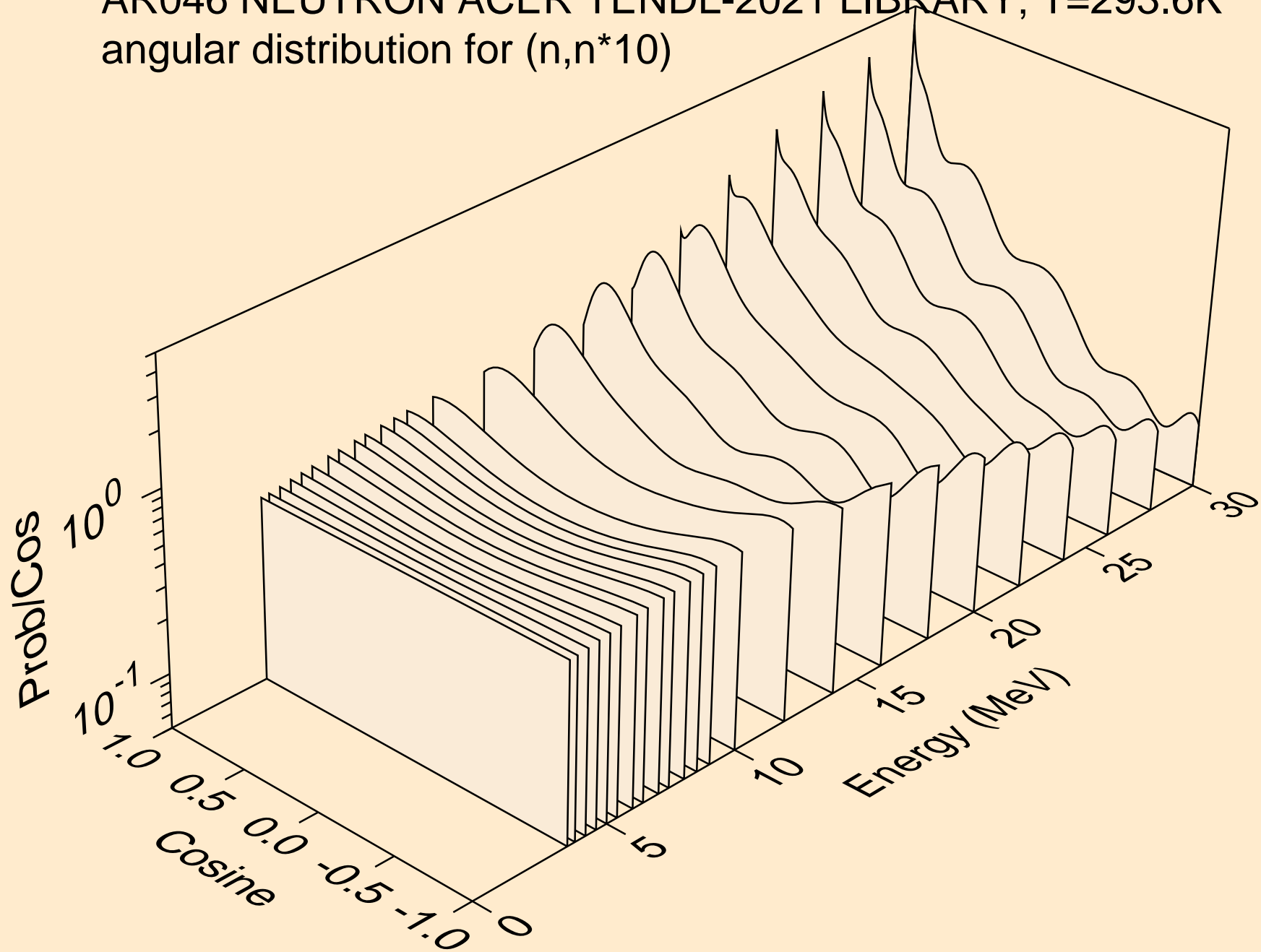
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angular distribution for (n,n\*8)



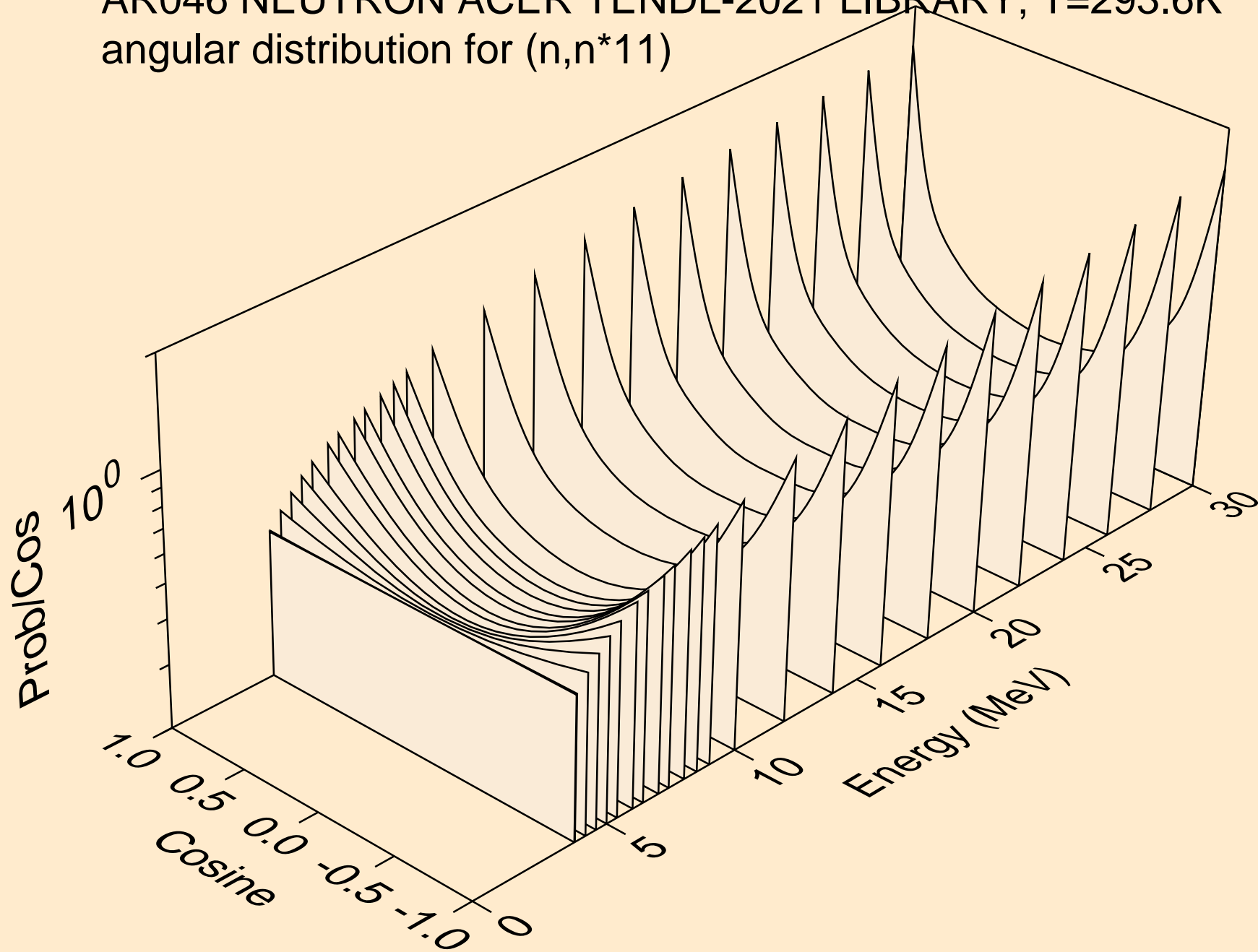
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

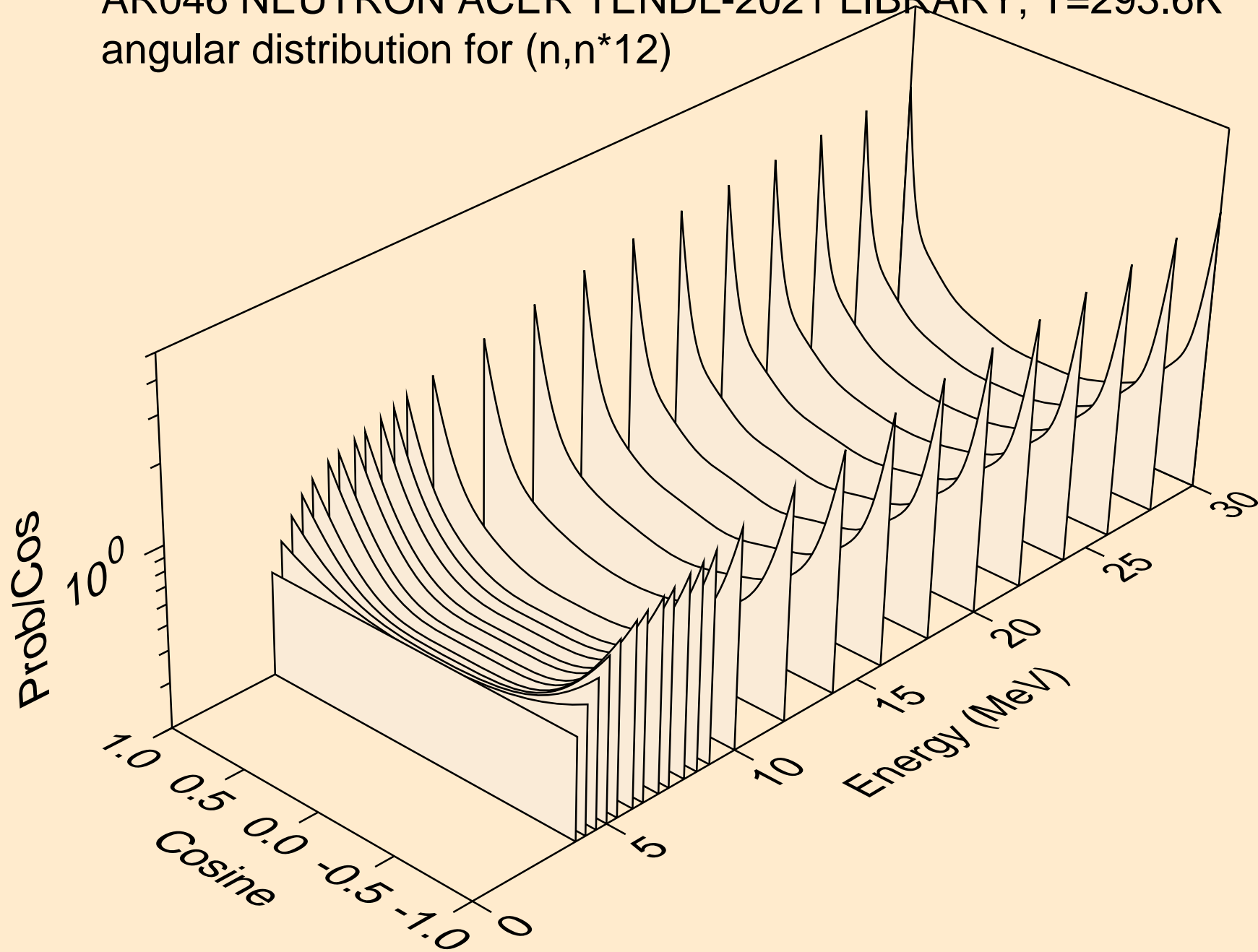


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

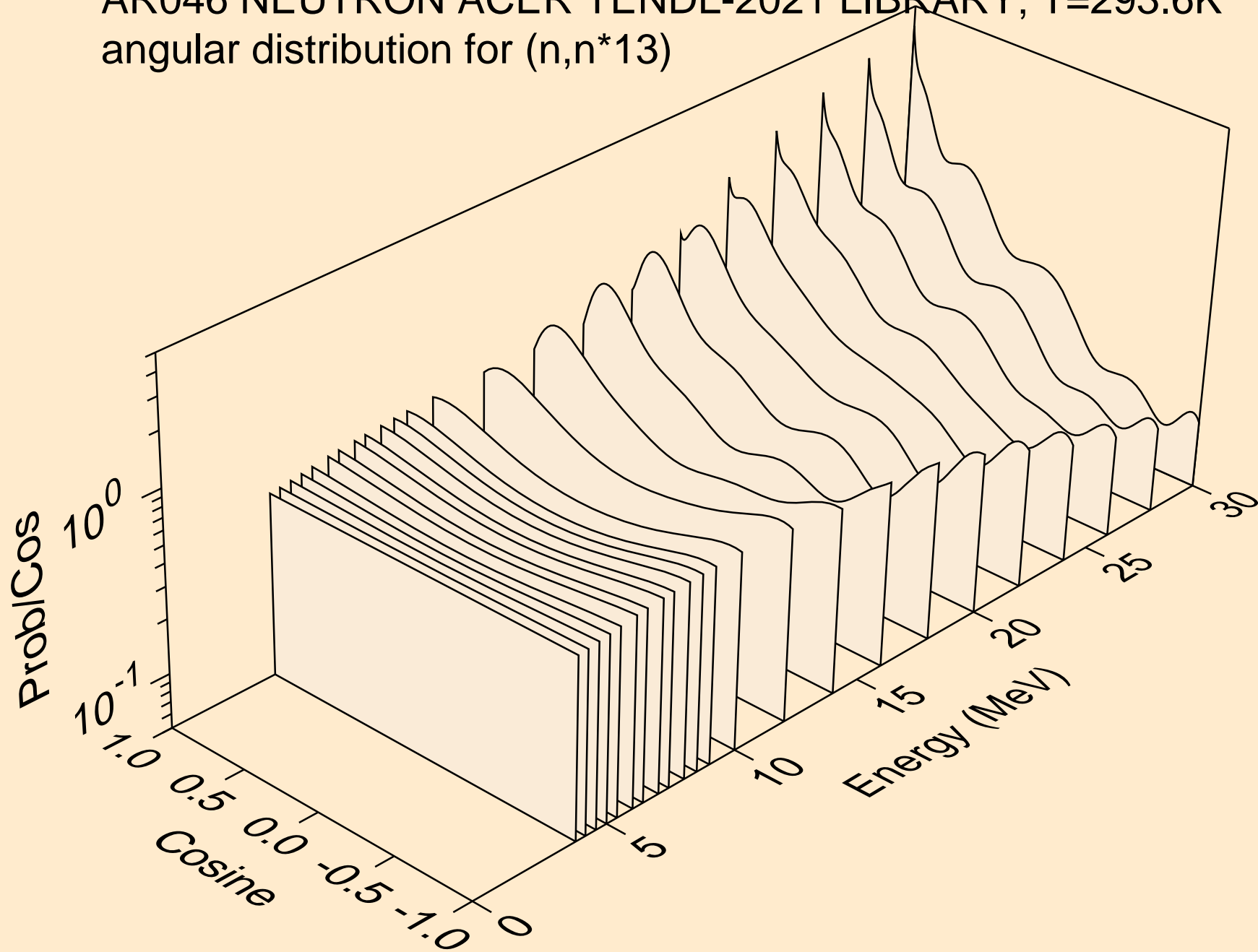




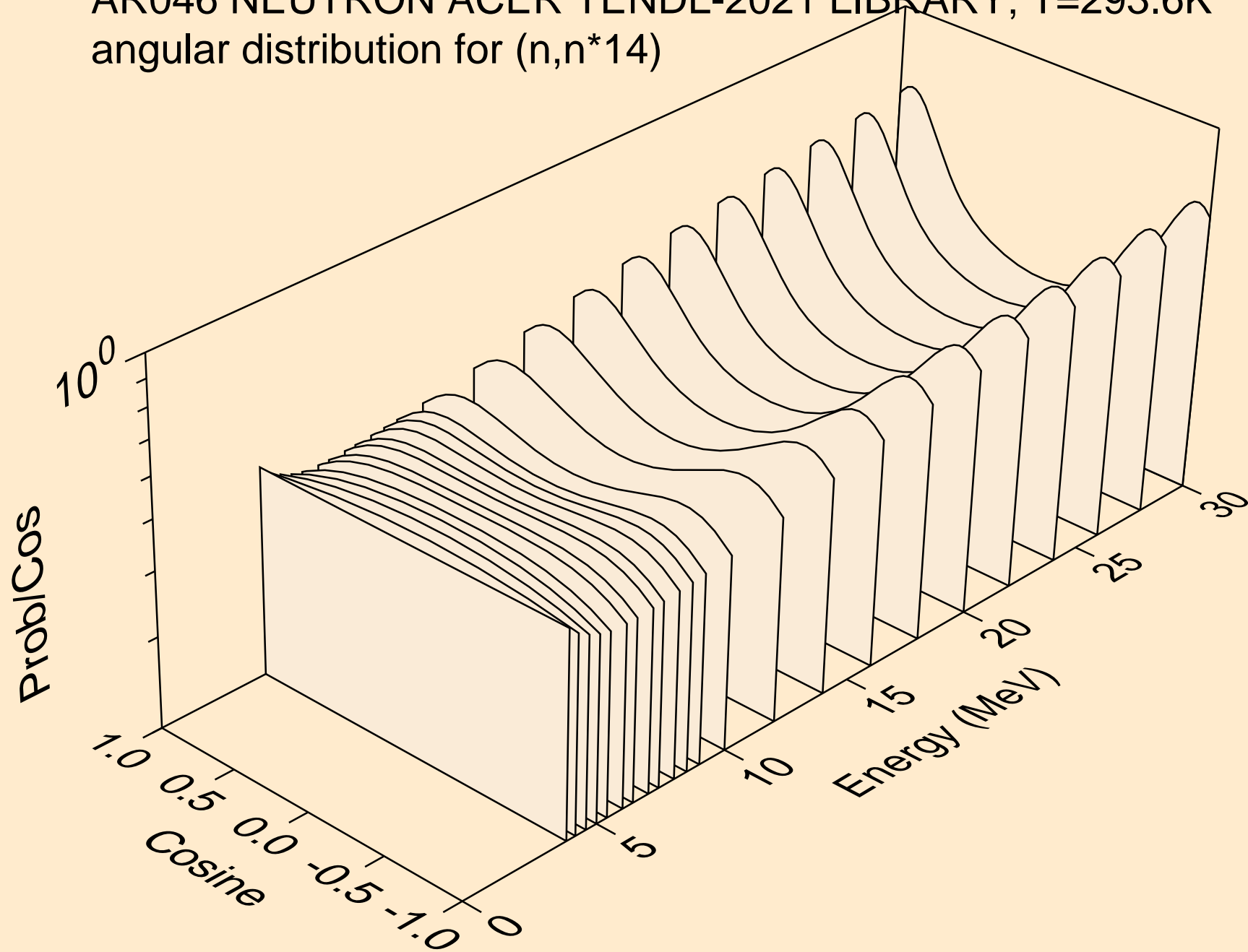
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angular distribution for (n,n\*12)



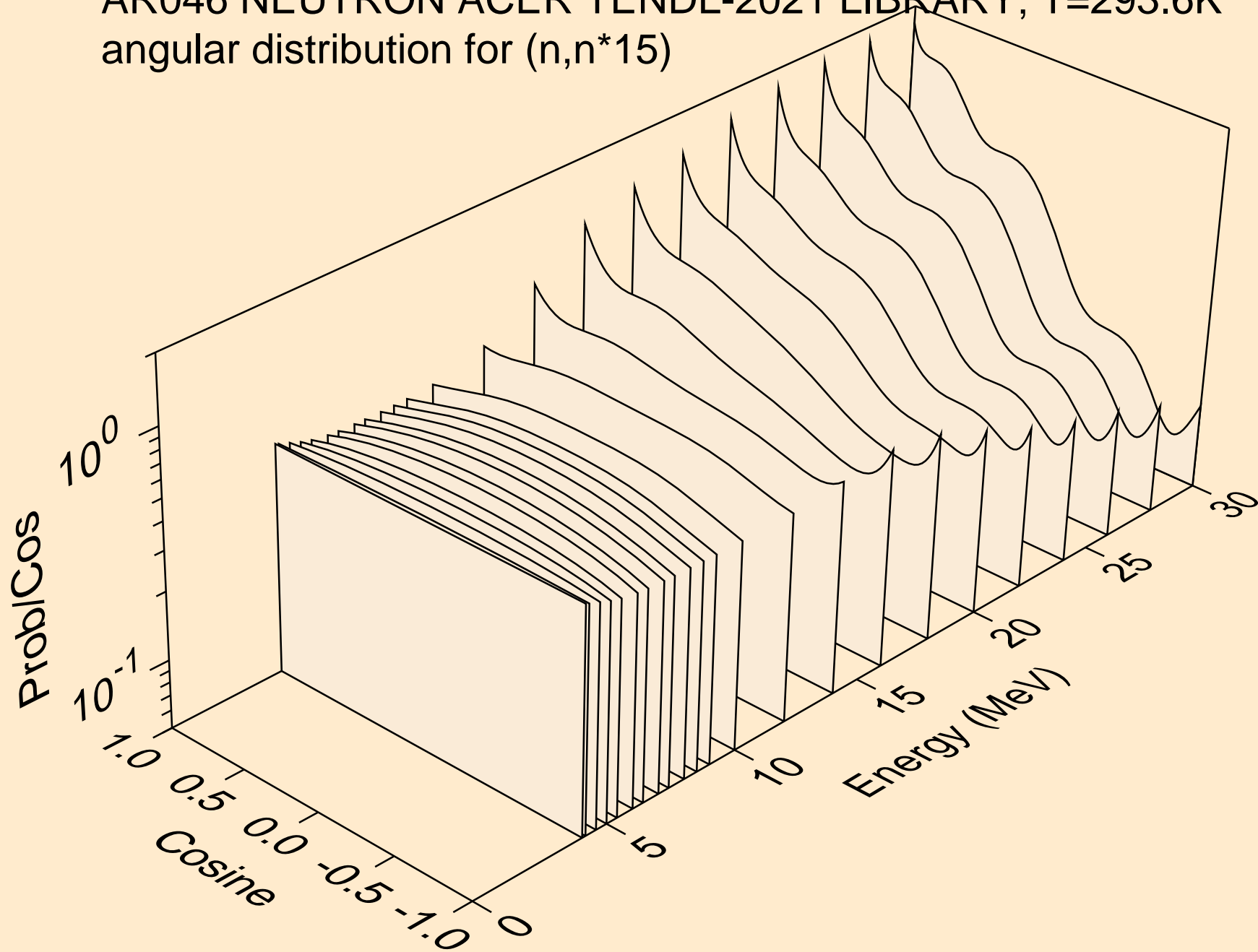
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angular distribution for (n,n\*13)



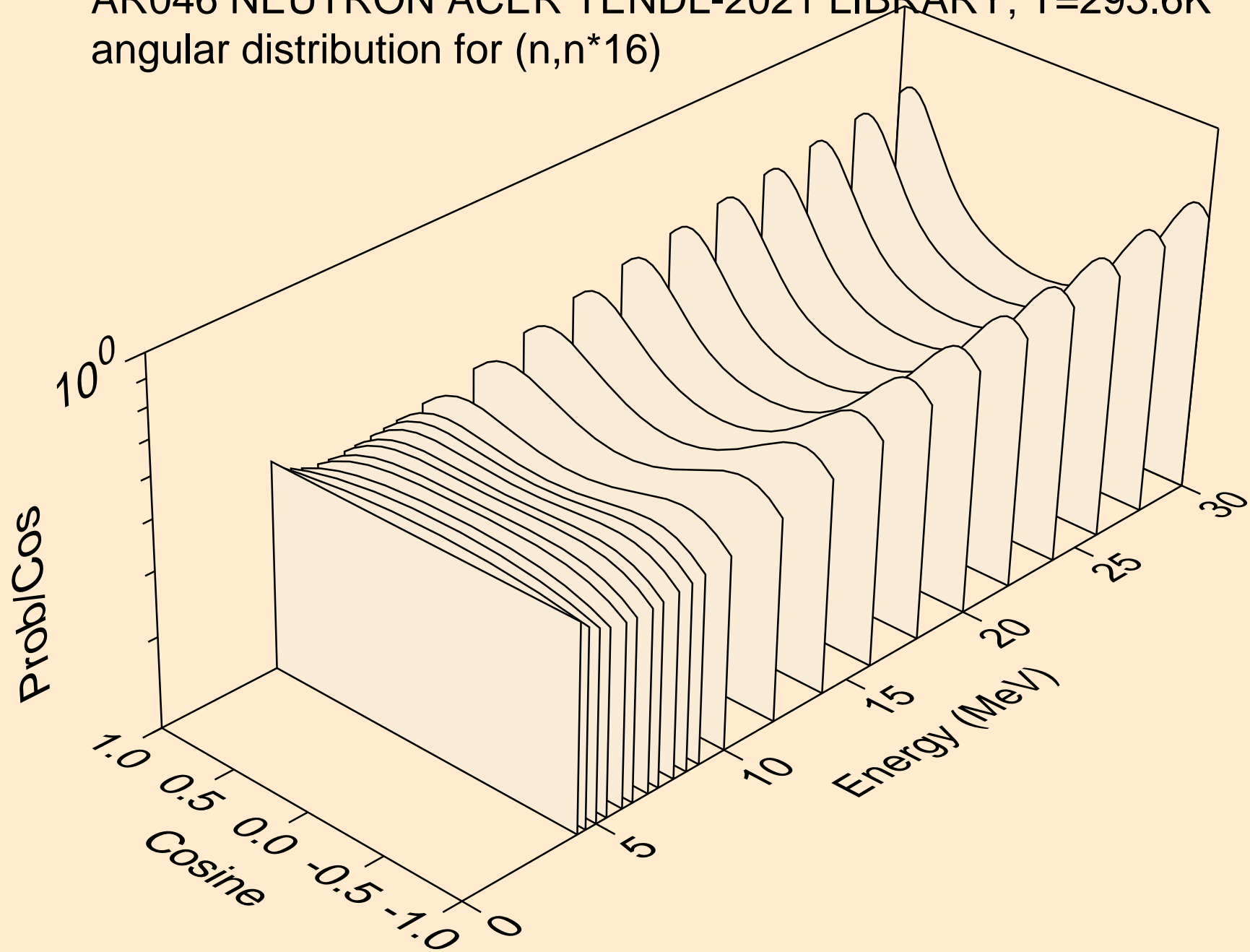
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angular distribution for (n,n\*14)



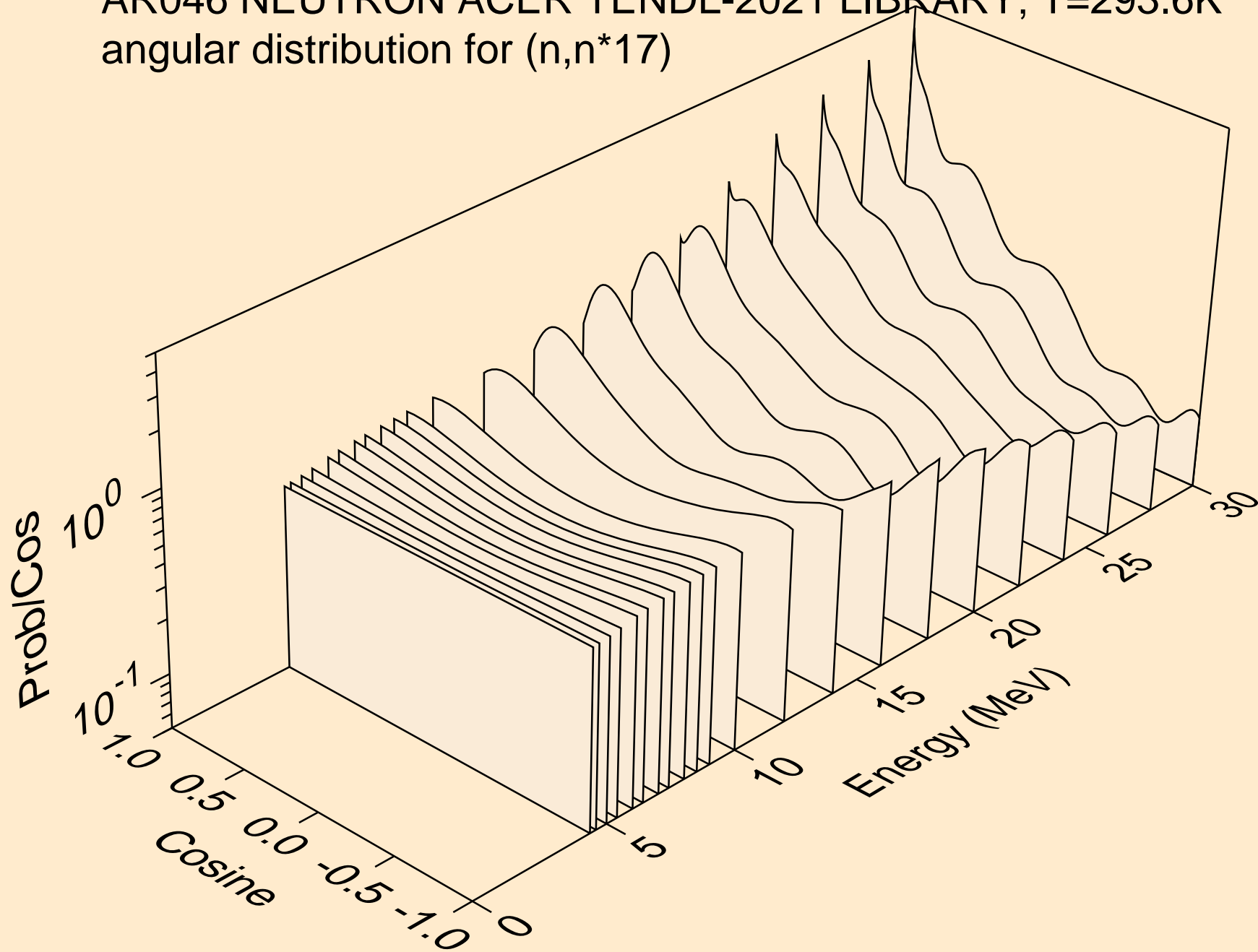
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angular distribution for (n,n\*15)



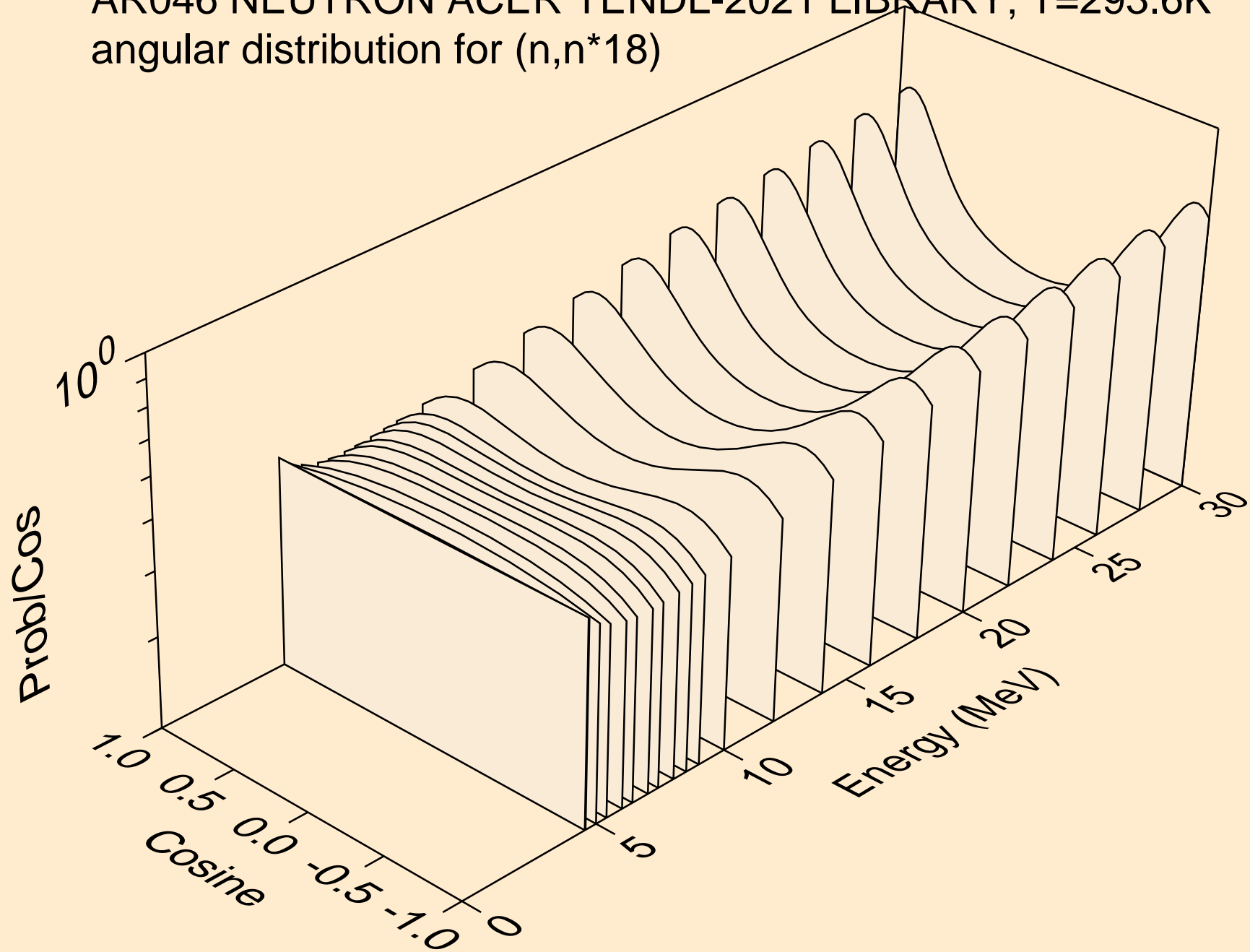
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angular distribution for (n,n\*16)



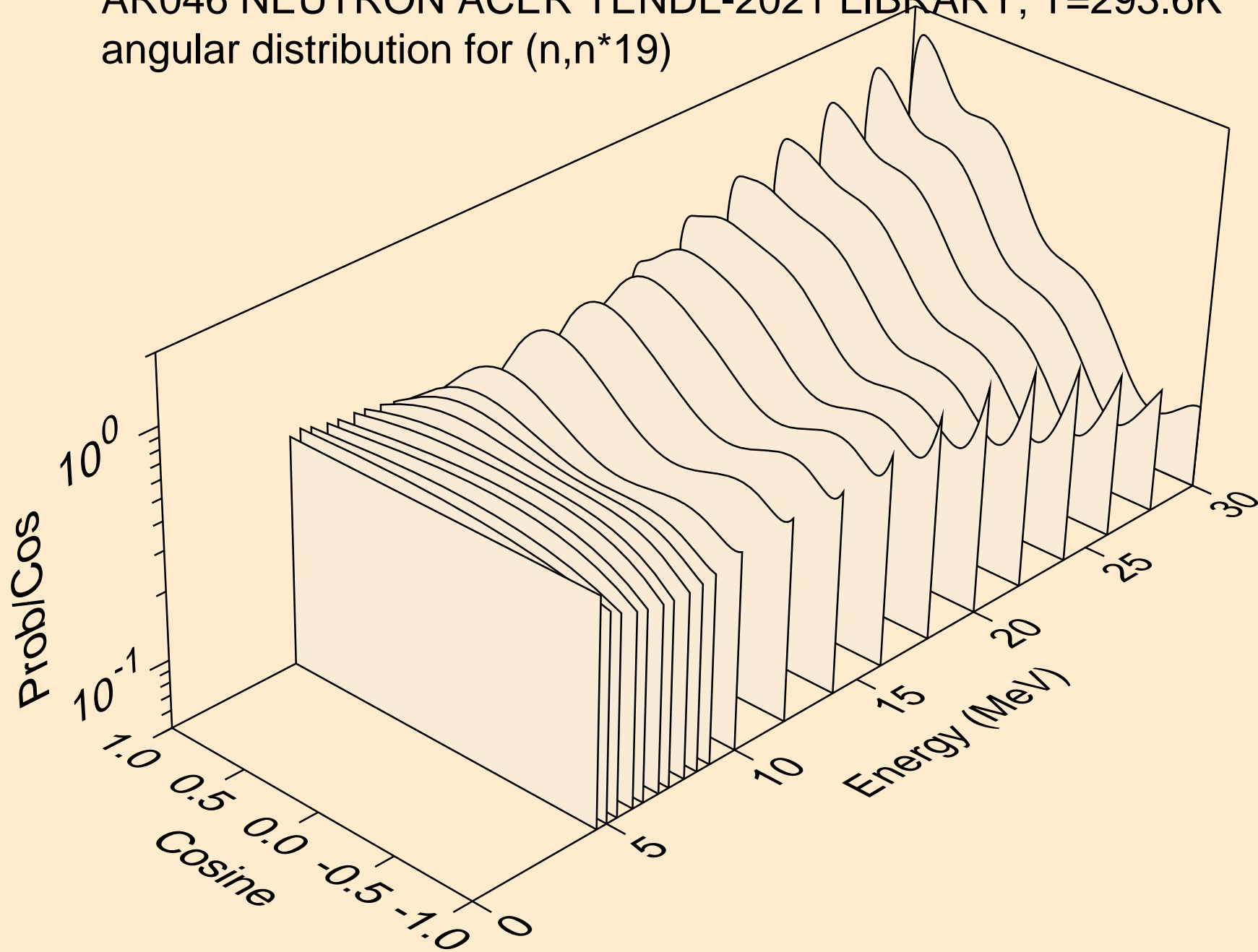
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

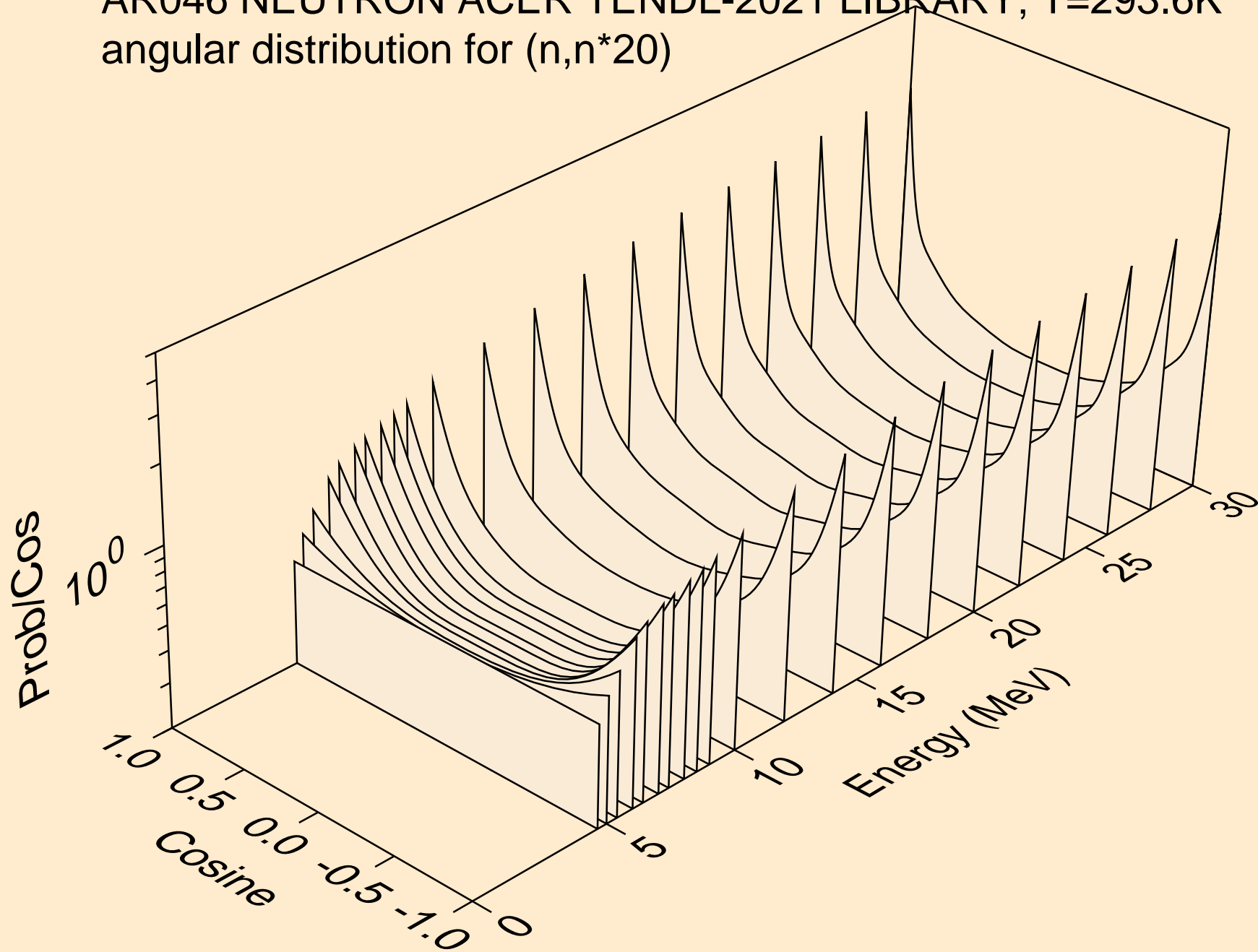


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

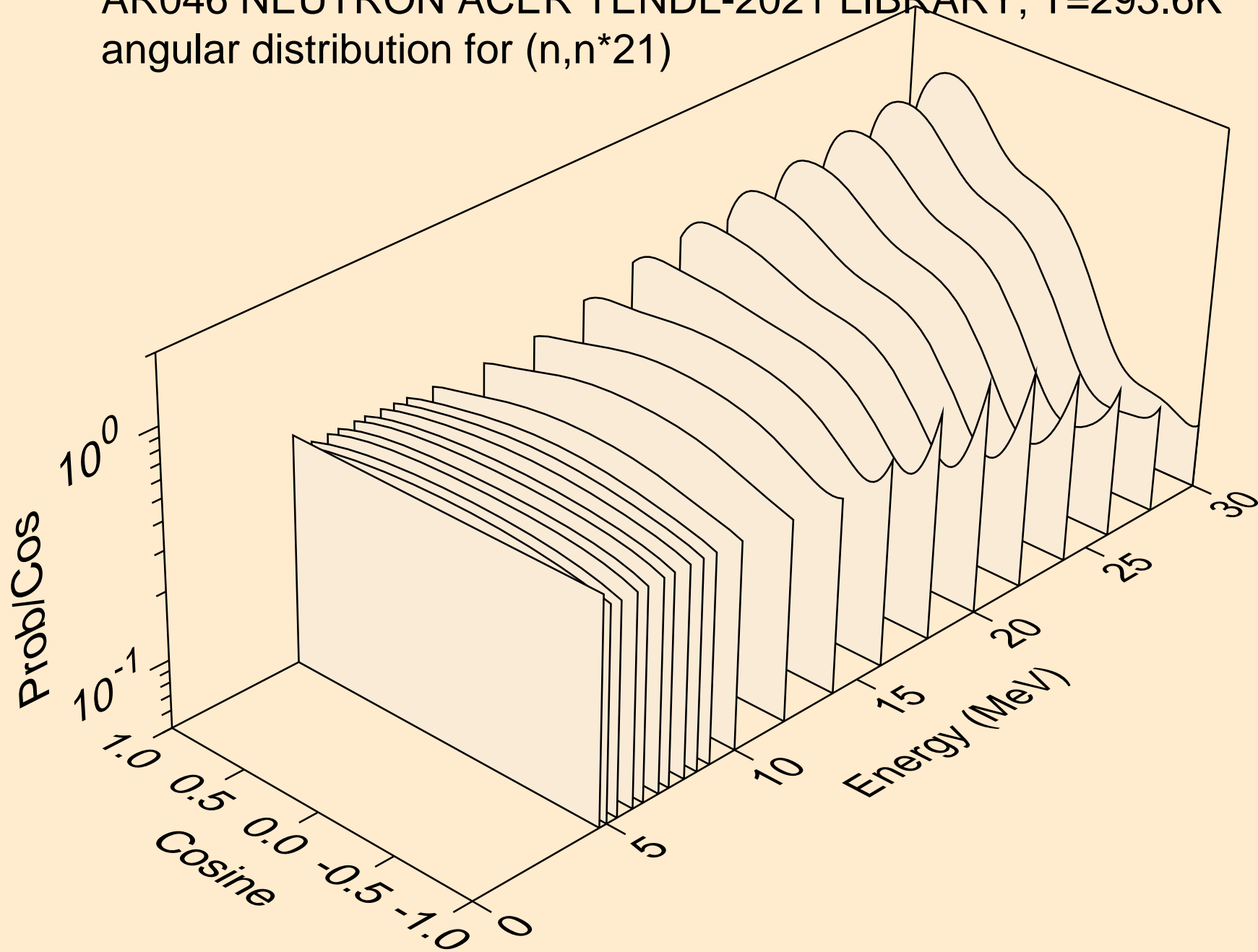




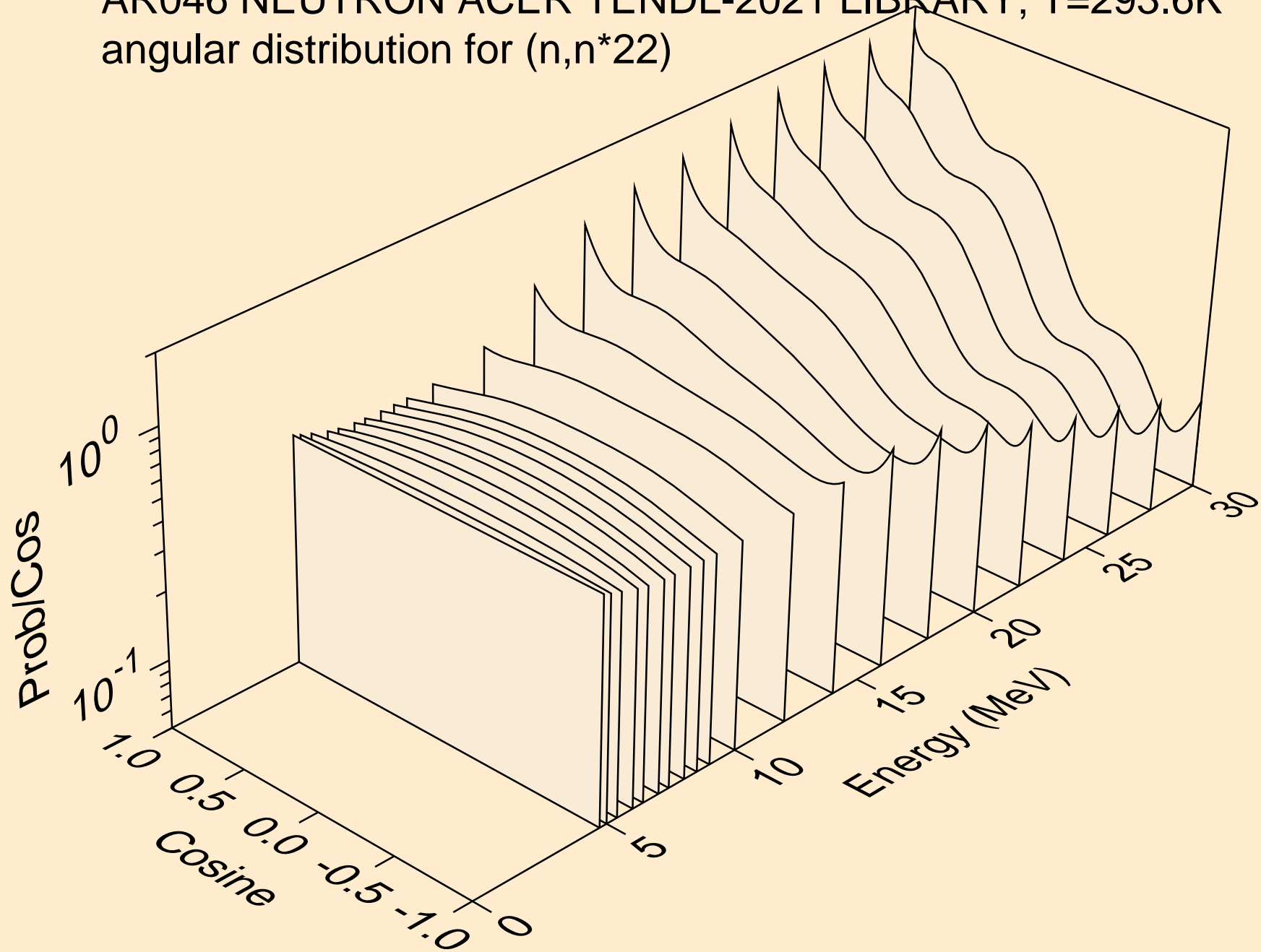
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angular distribution for (n,n\*20)



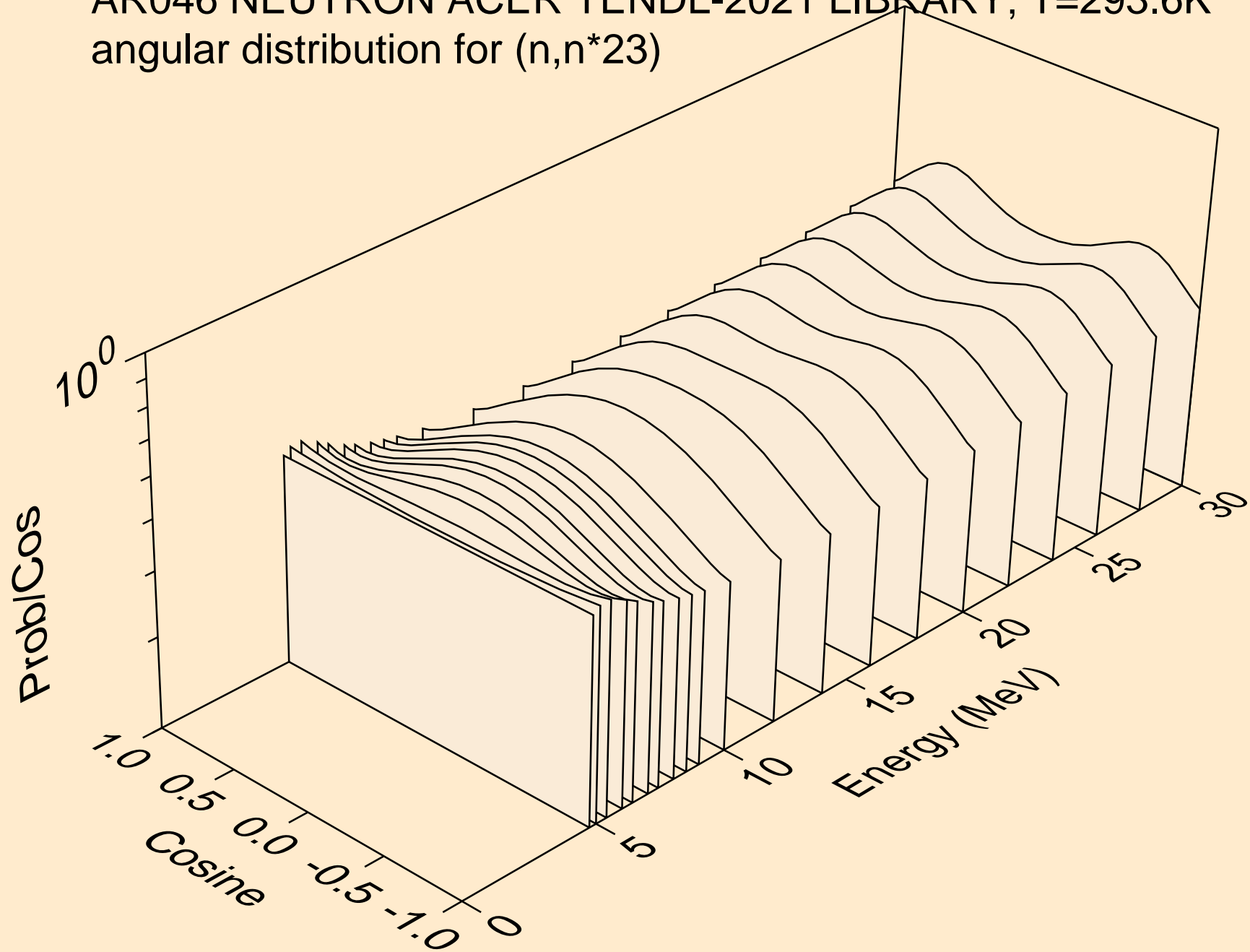
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angular distribution for (n,n\*21)



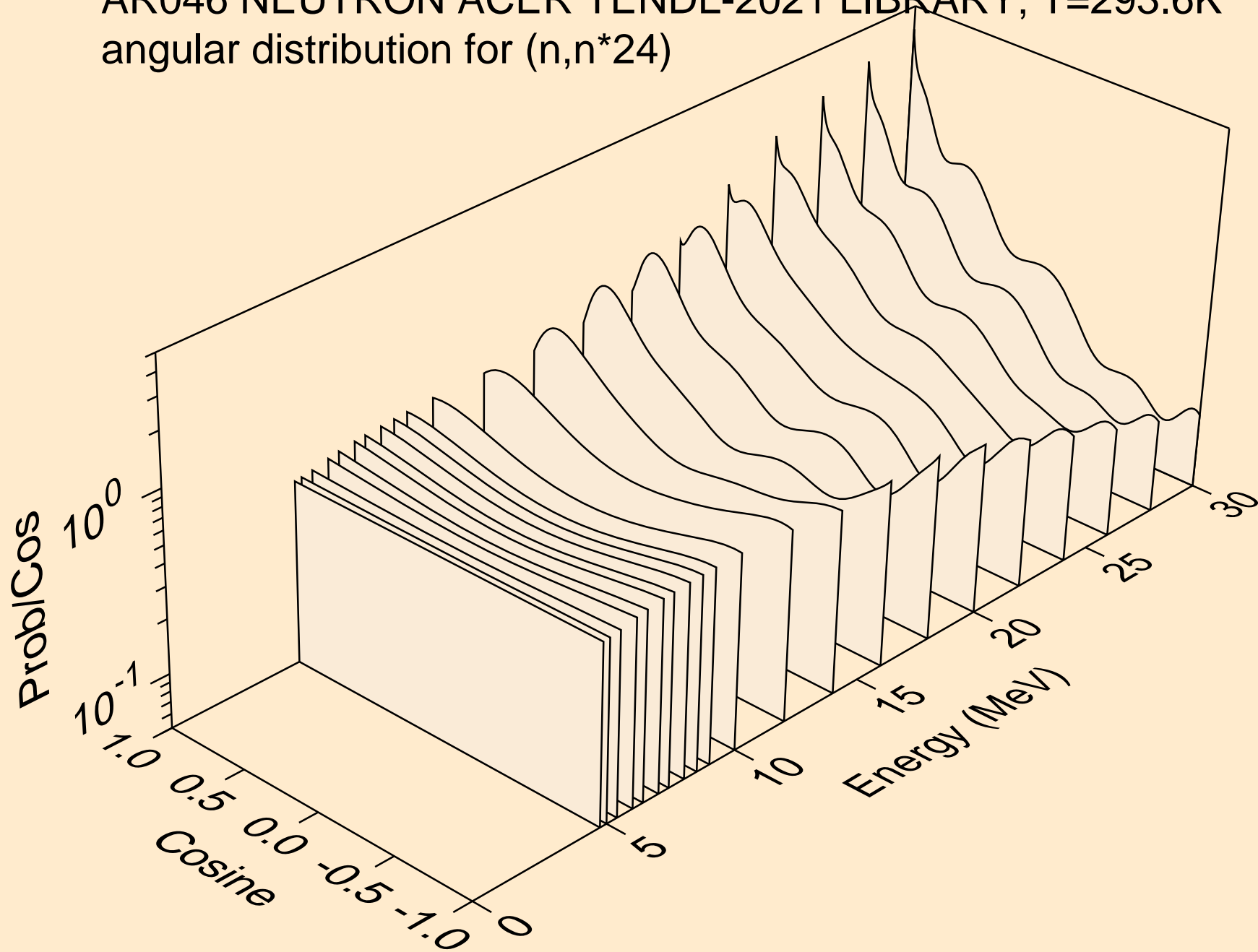
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angular distribution for (n,n\*22)



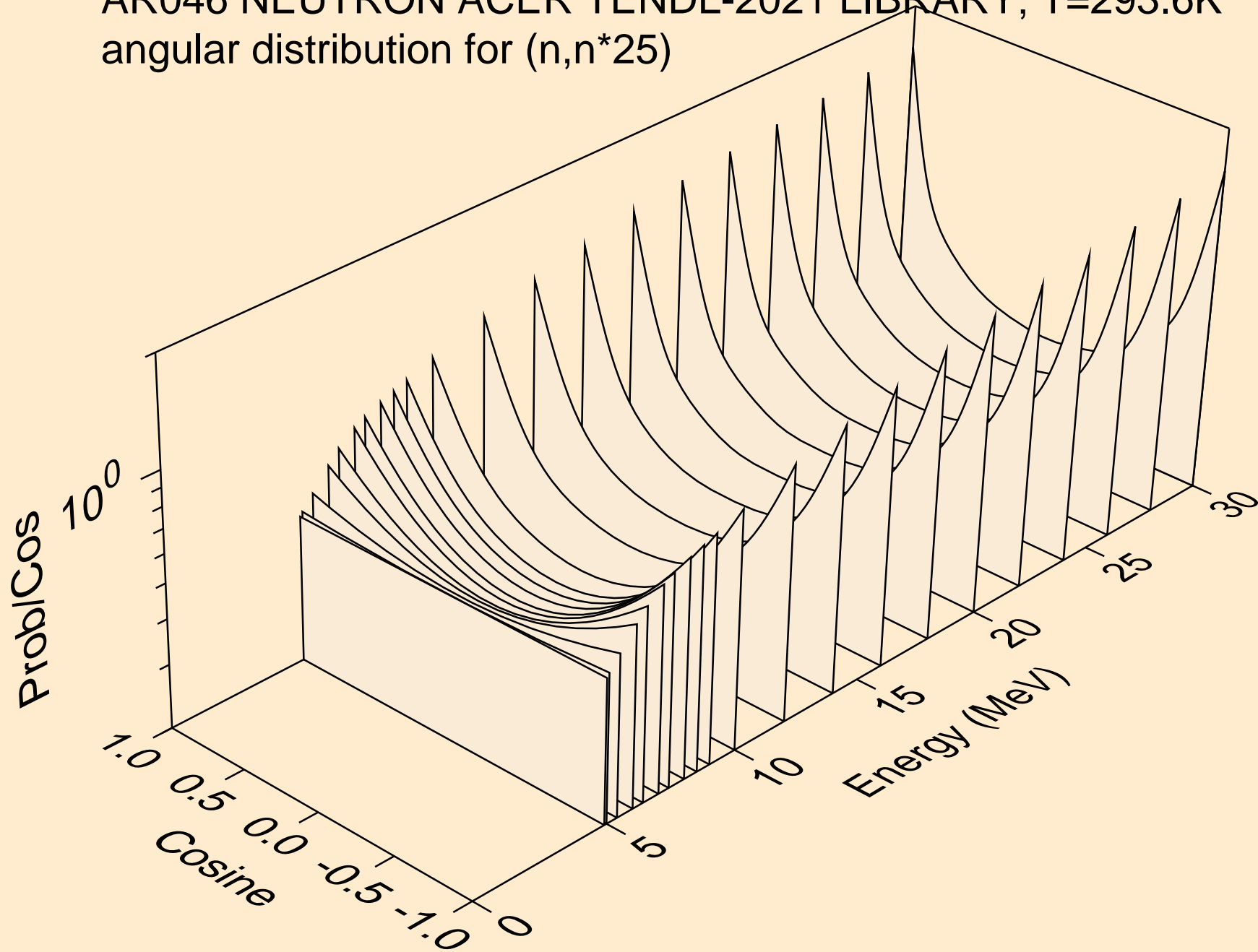
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angular distribution for (n,n\*23)



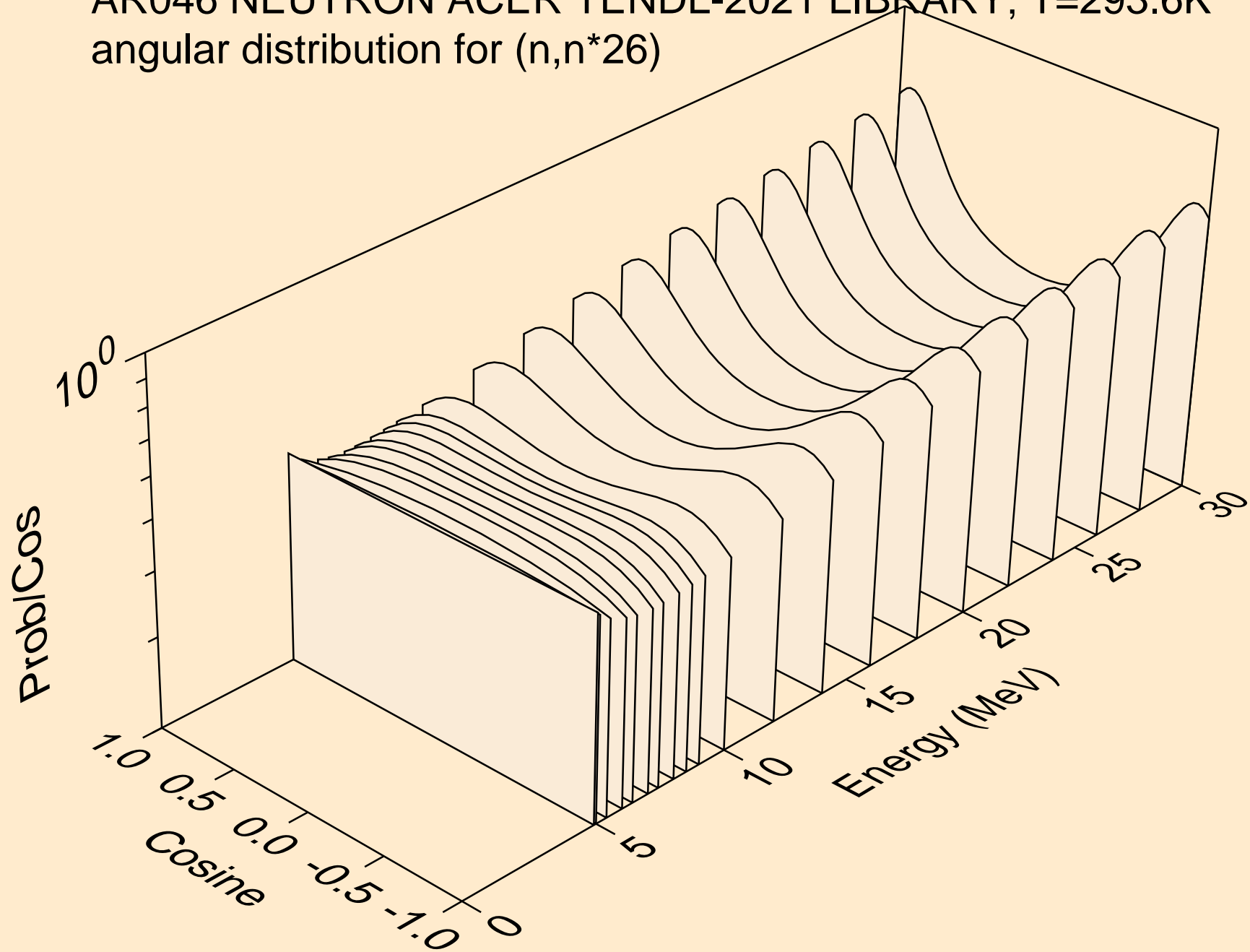
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angular distribution for (n,n\*24)



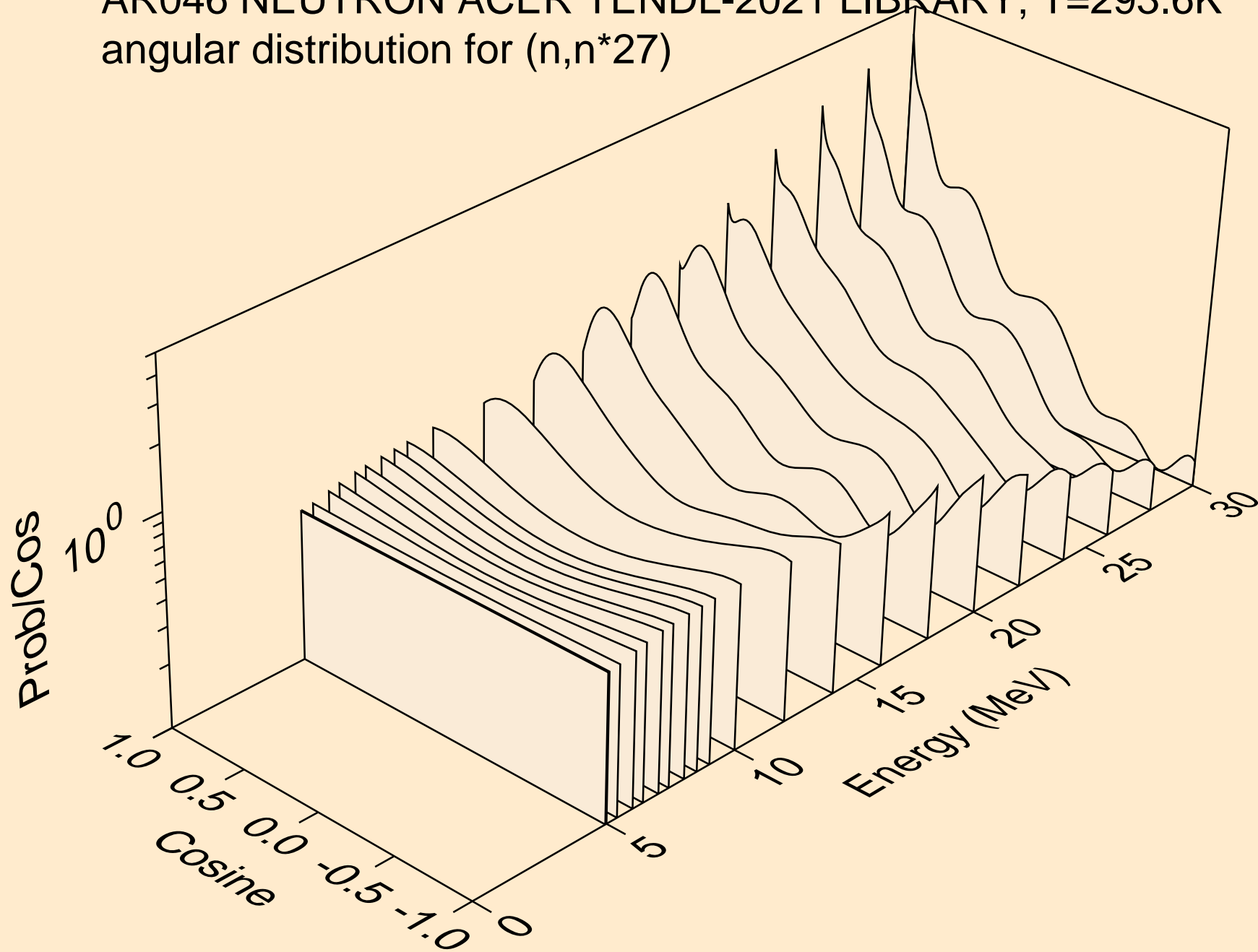
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

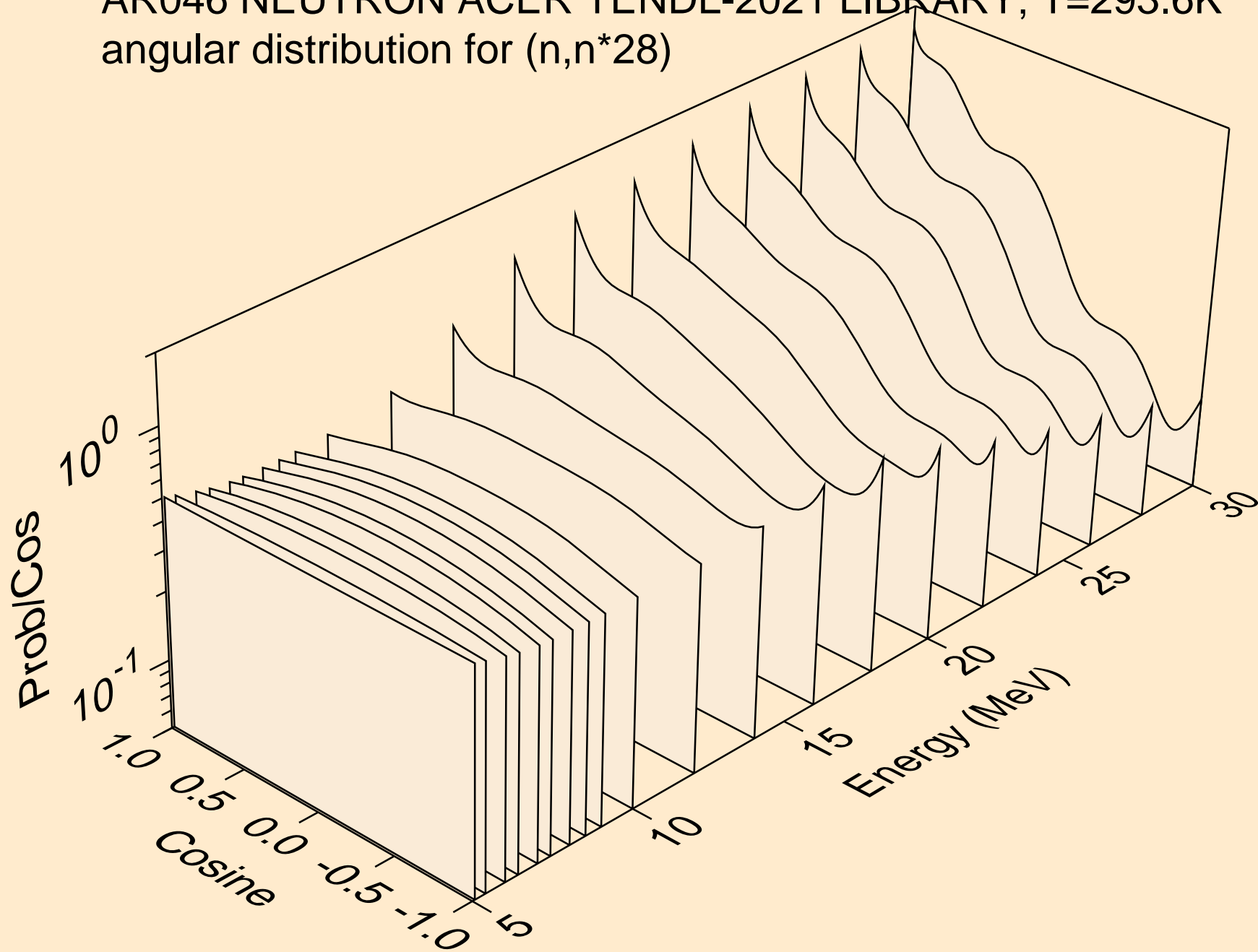


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

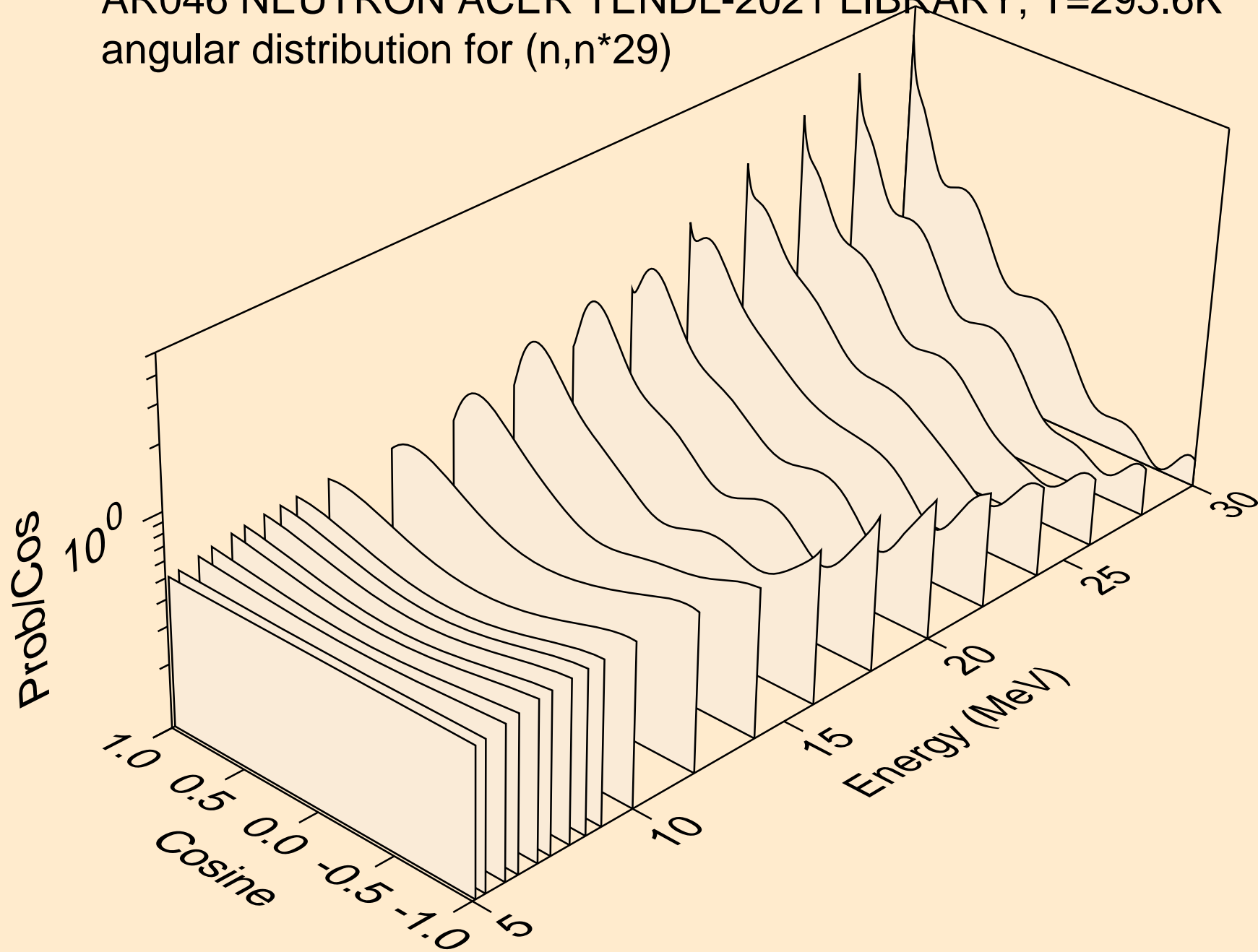




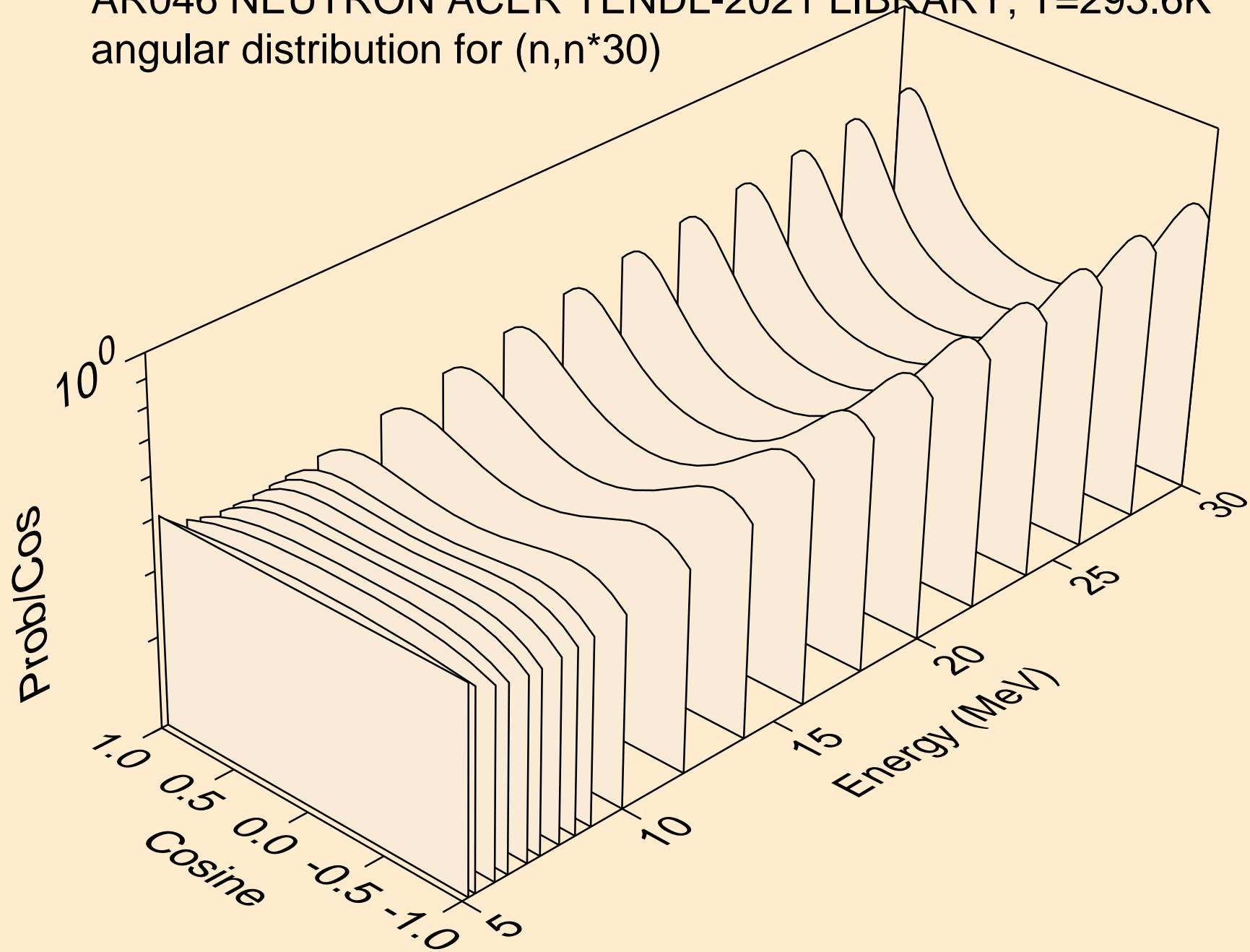
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angular distribution for (n,n\*28)



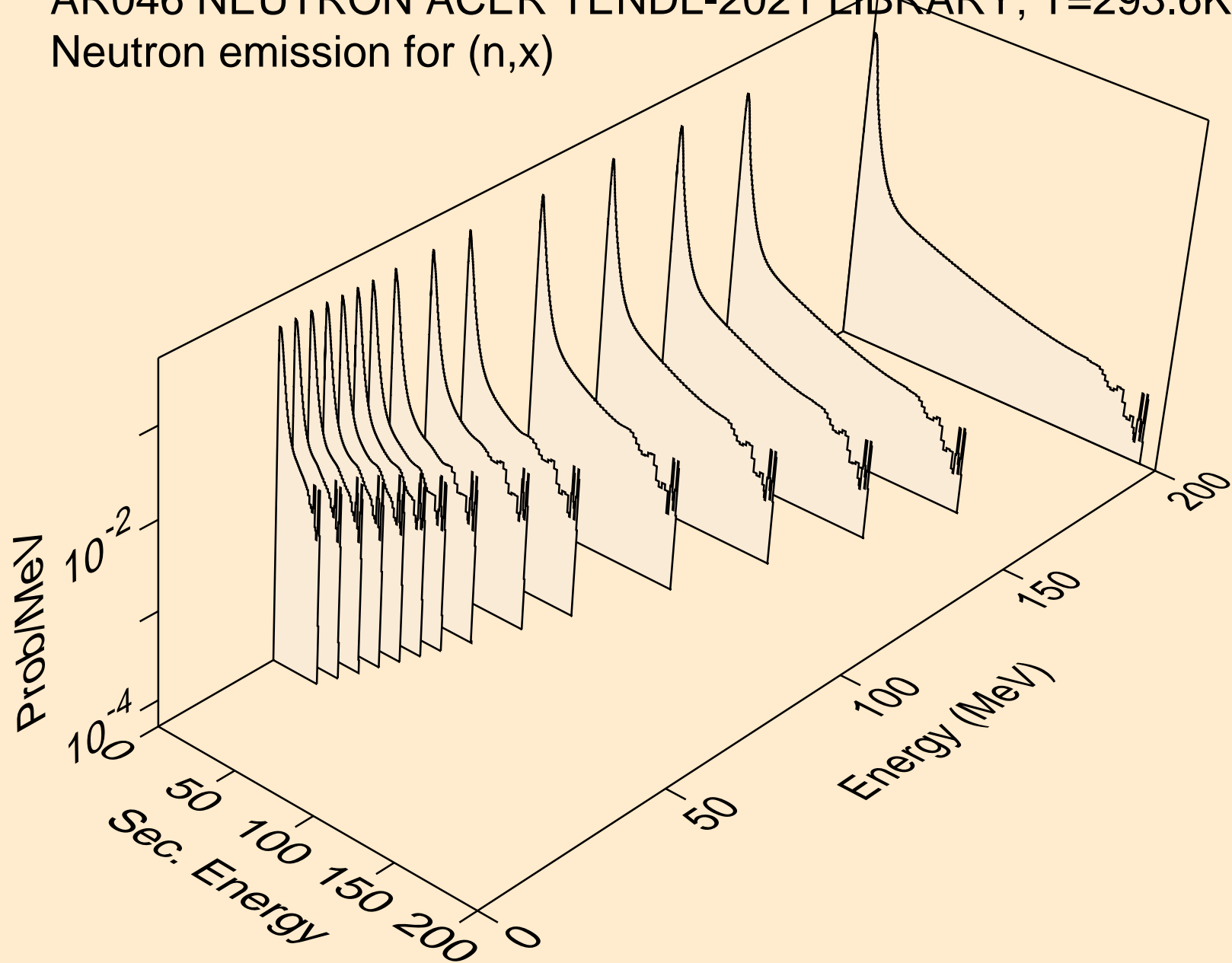
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angular distribution for (n,n\*29)



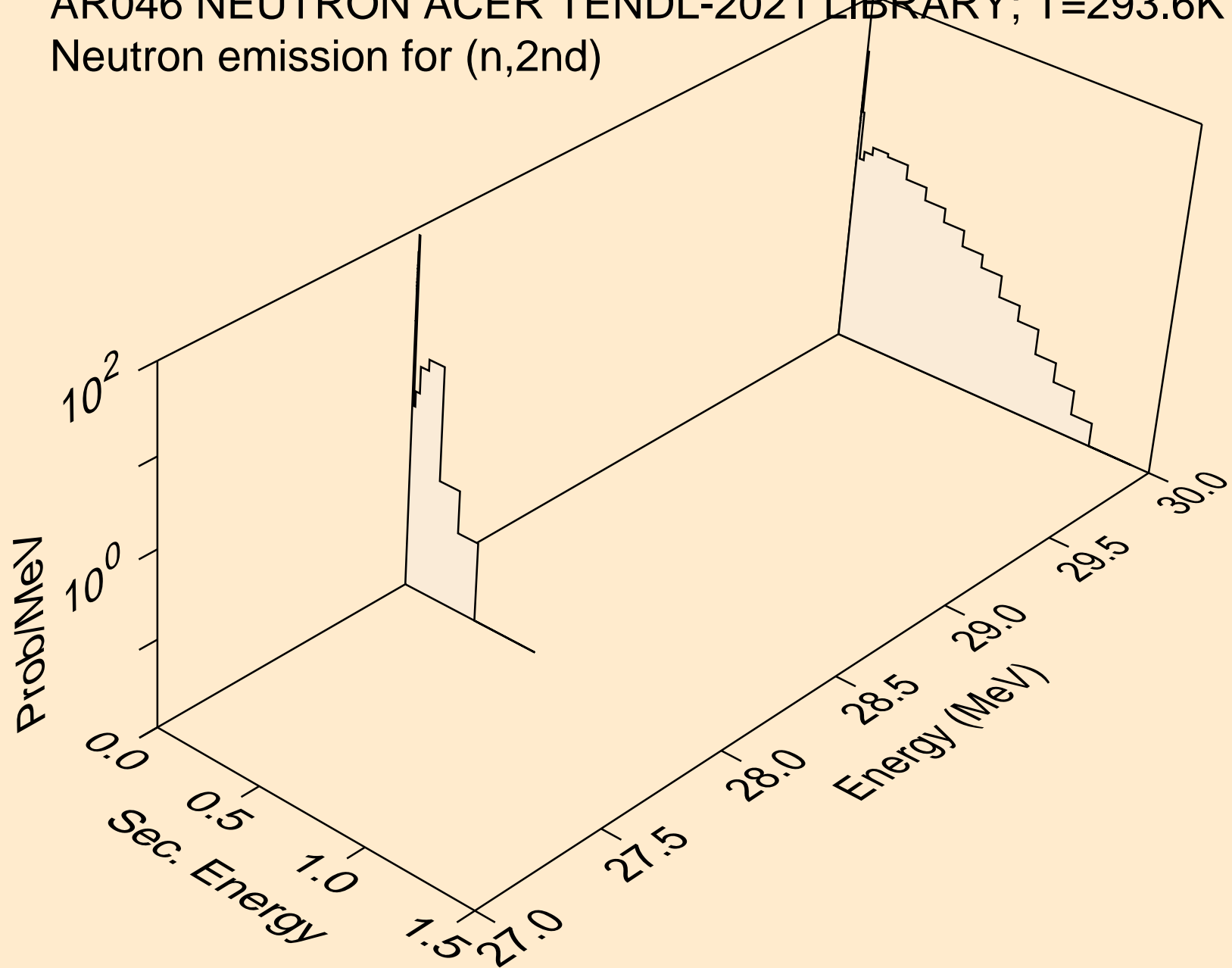
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angular distribution for (n,n\*30)



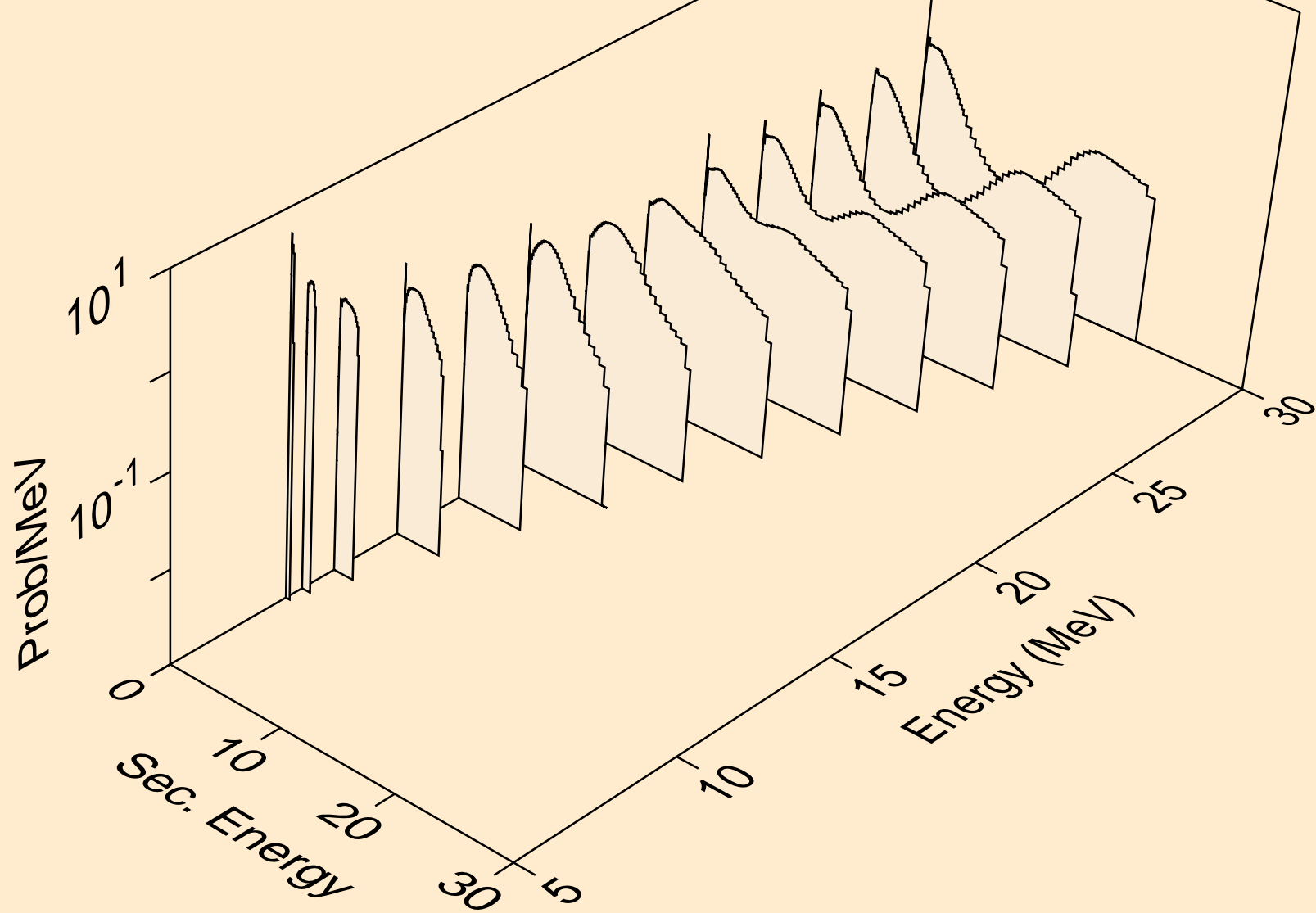
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



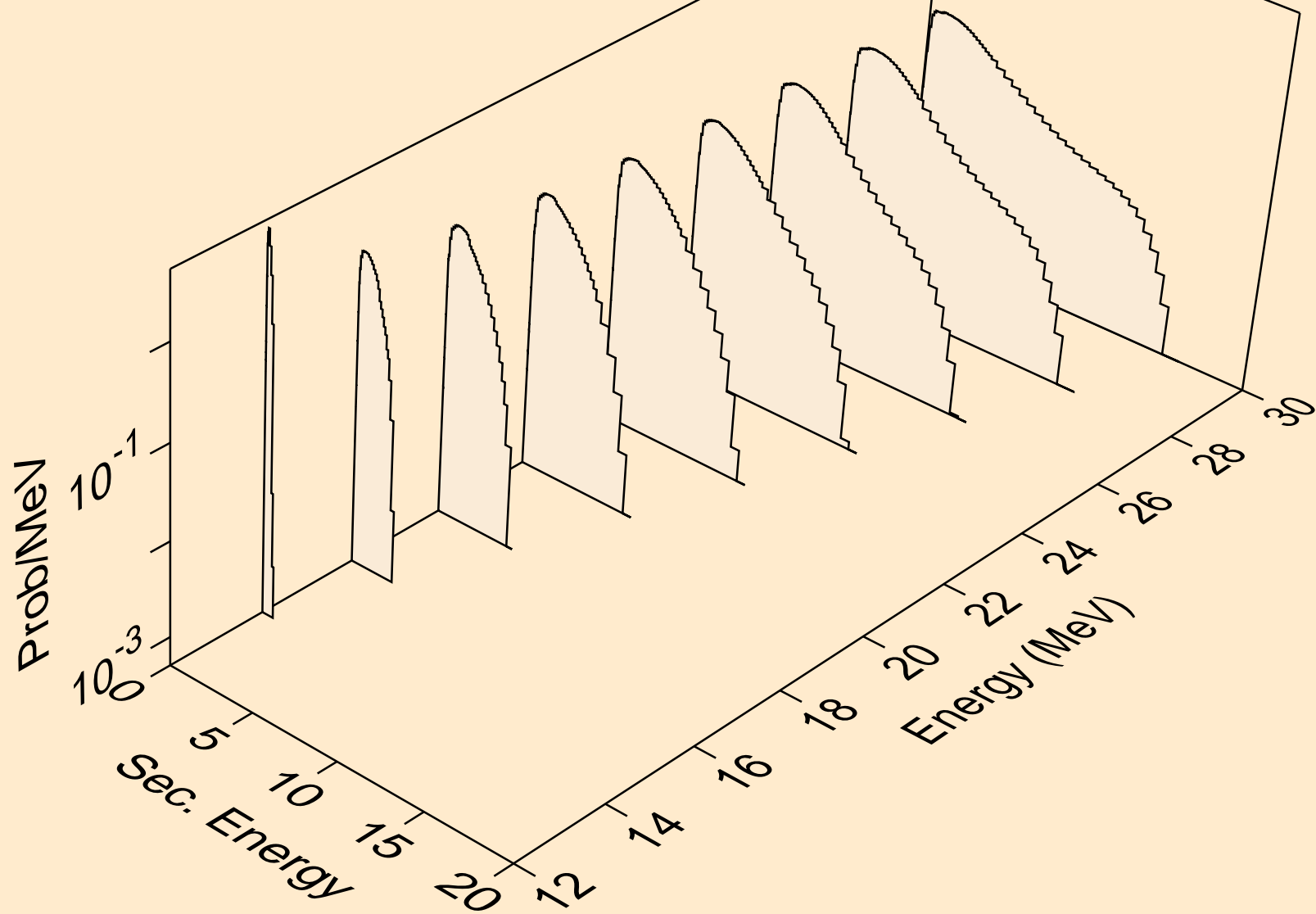
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



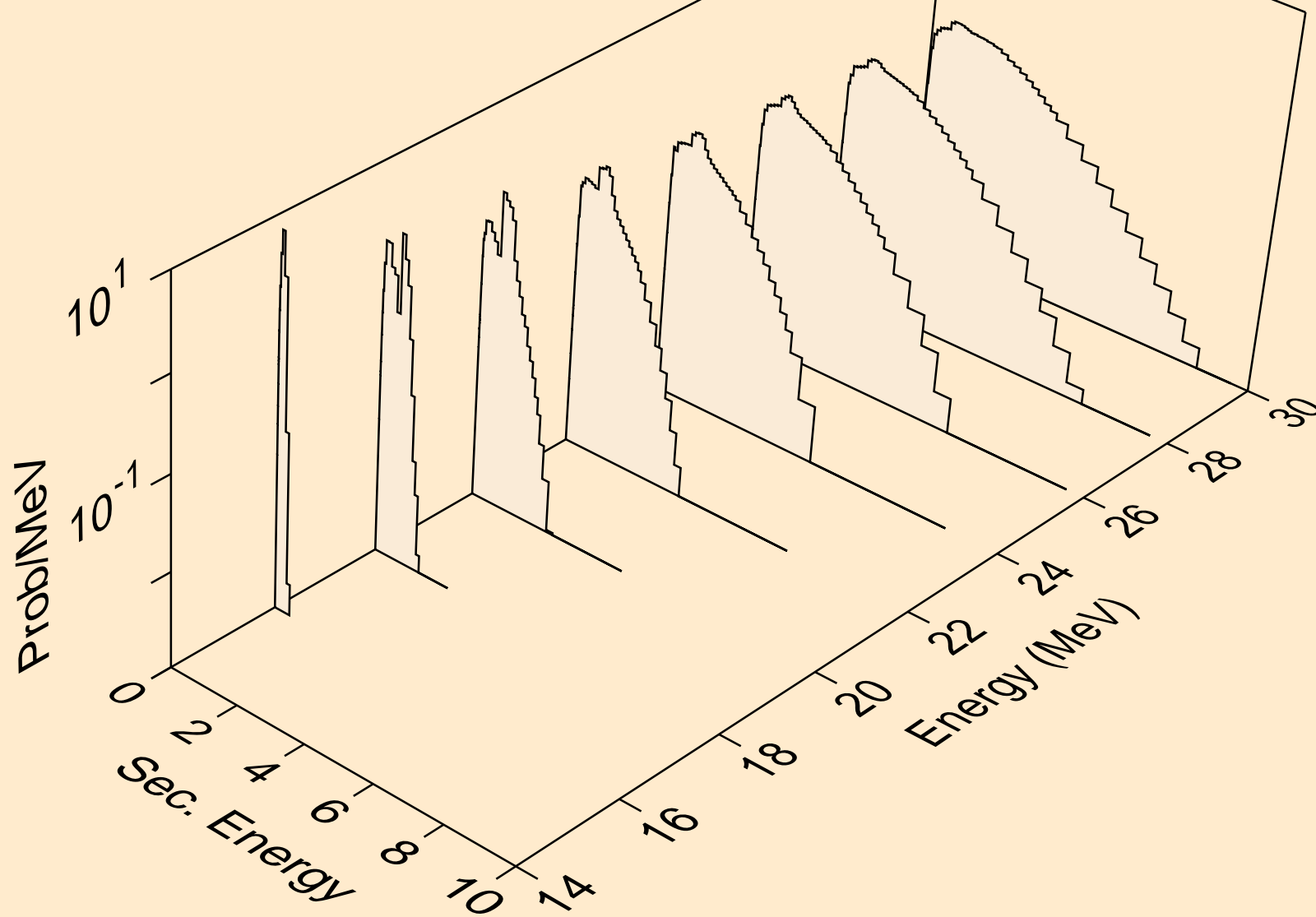
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

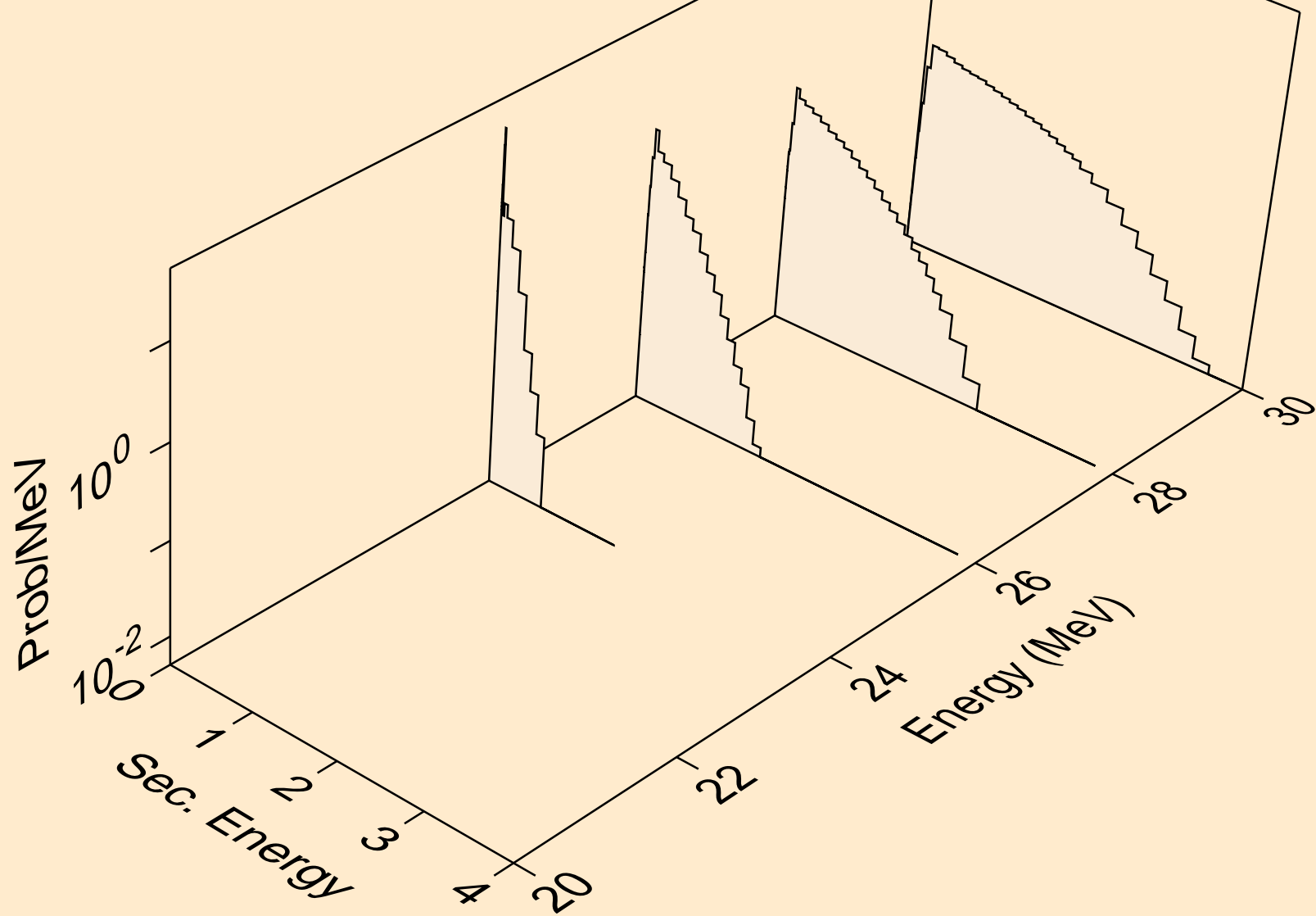


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

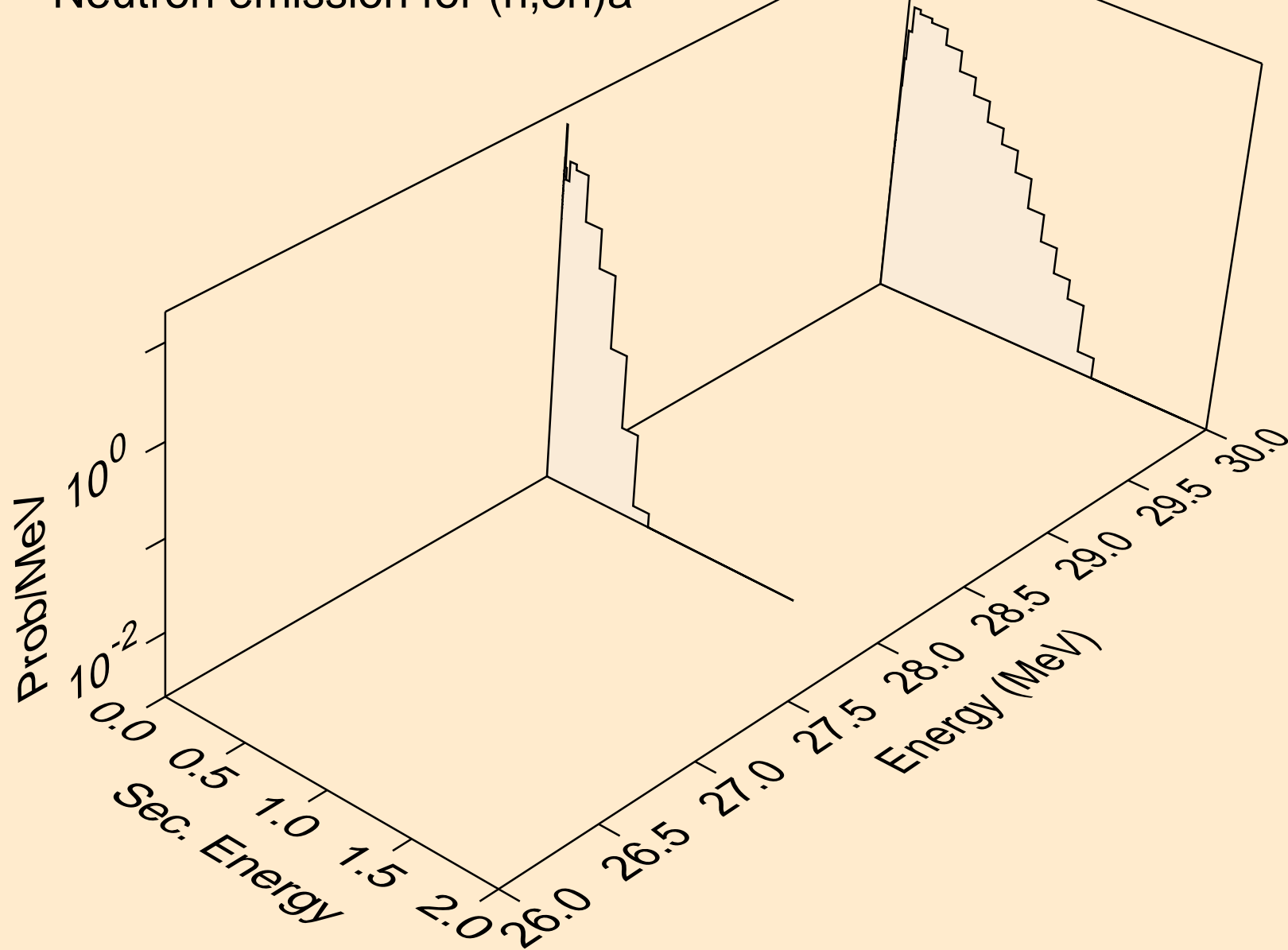




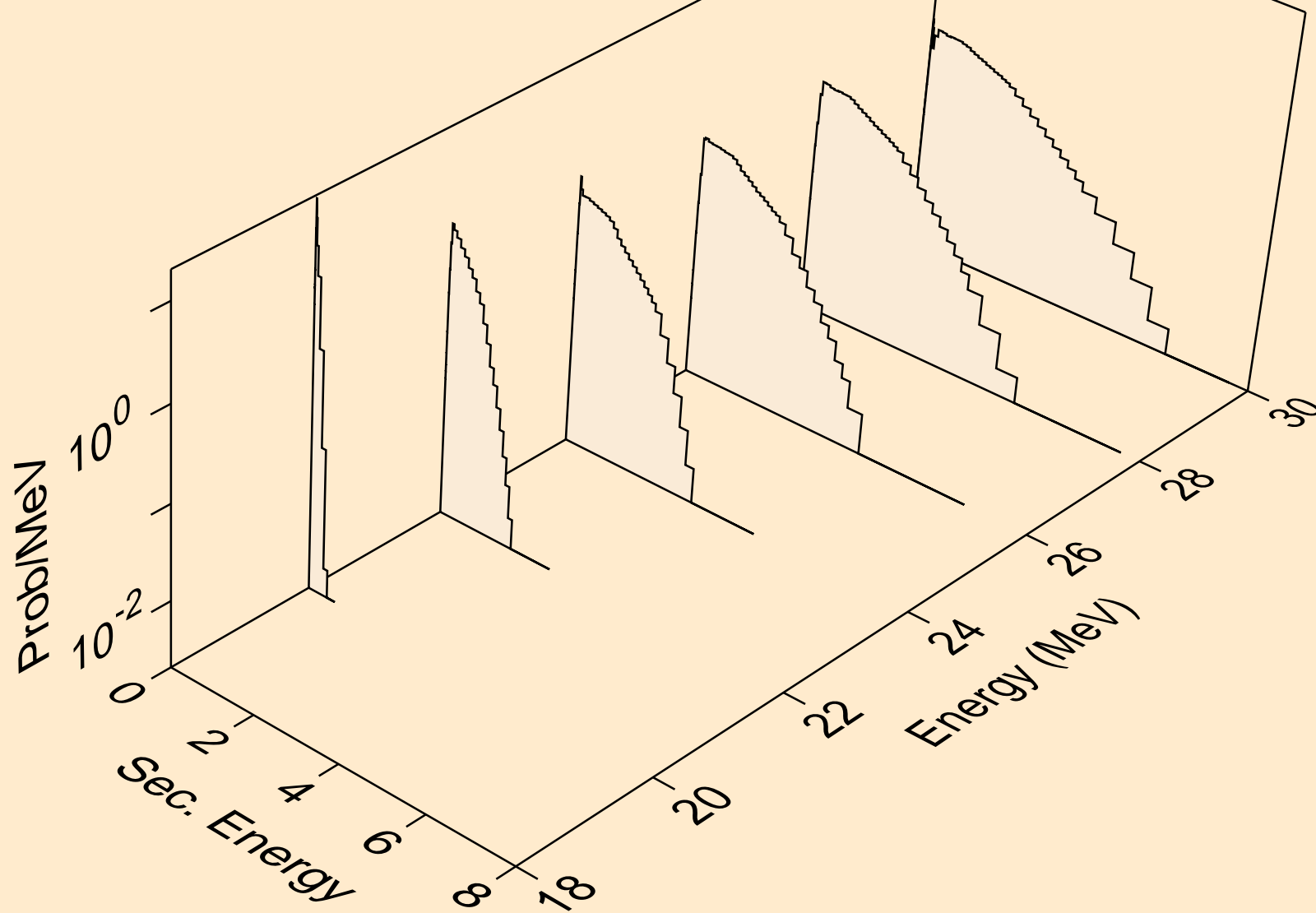
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



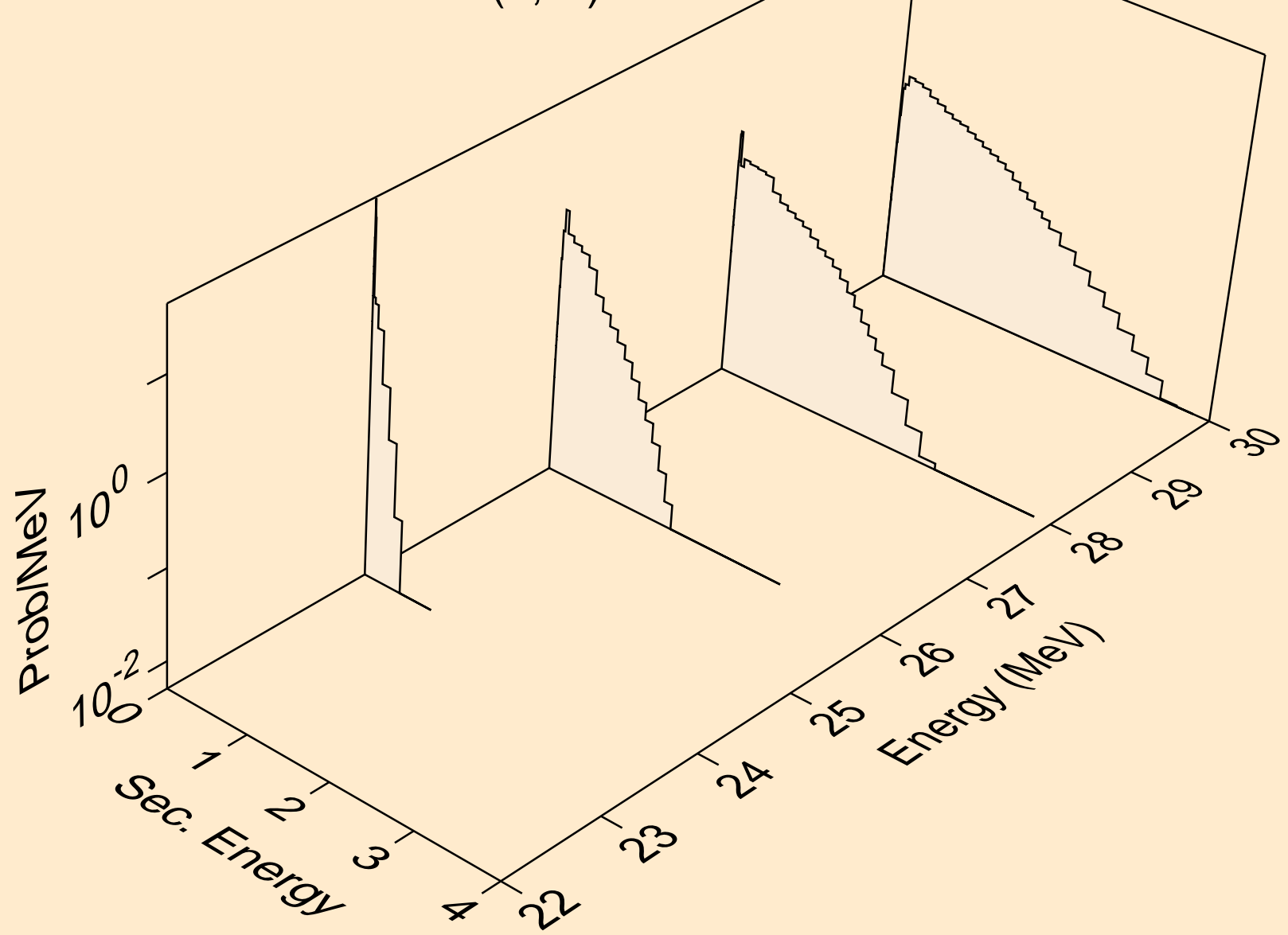
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



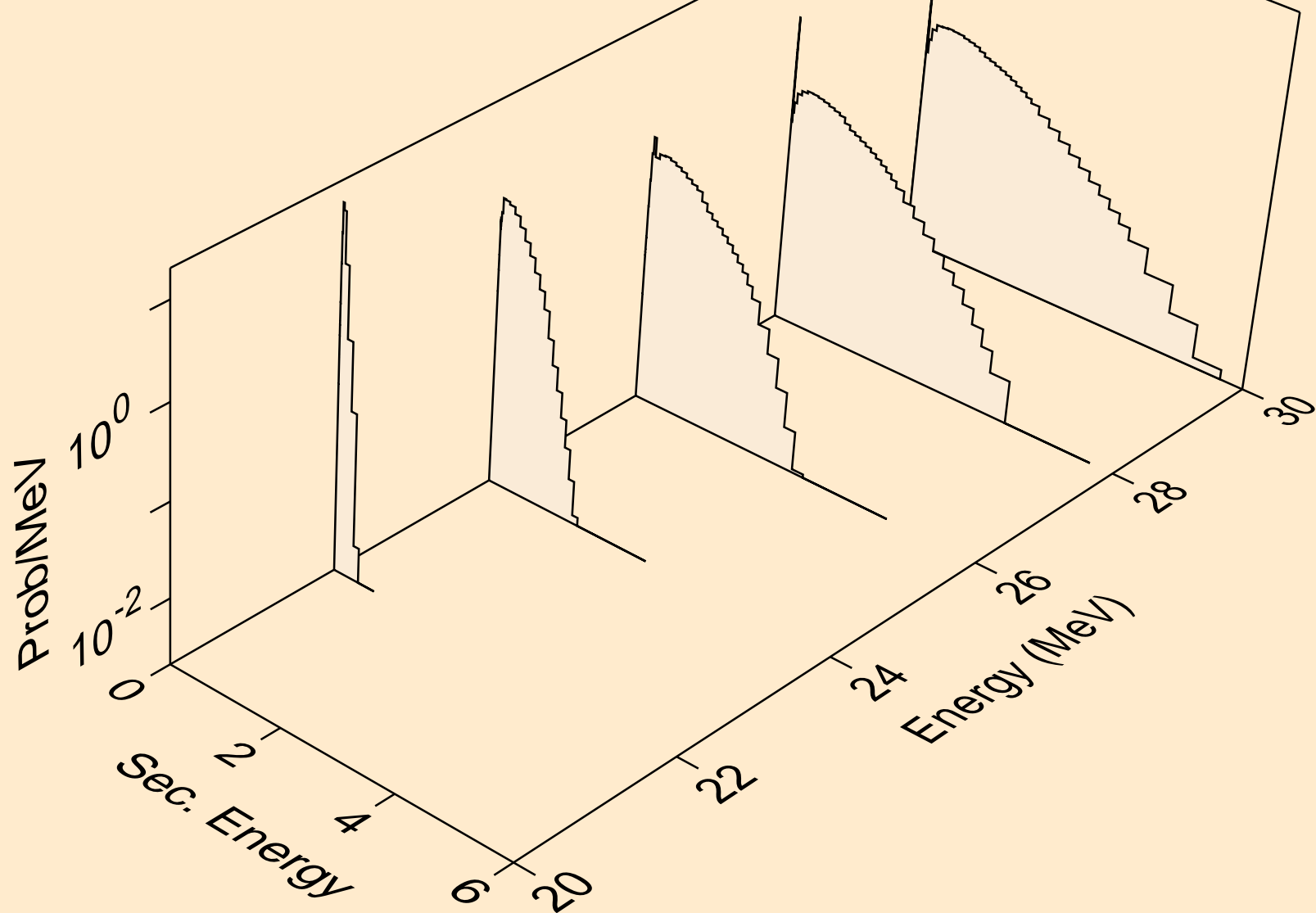
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



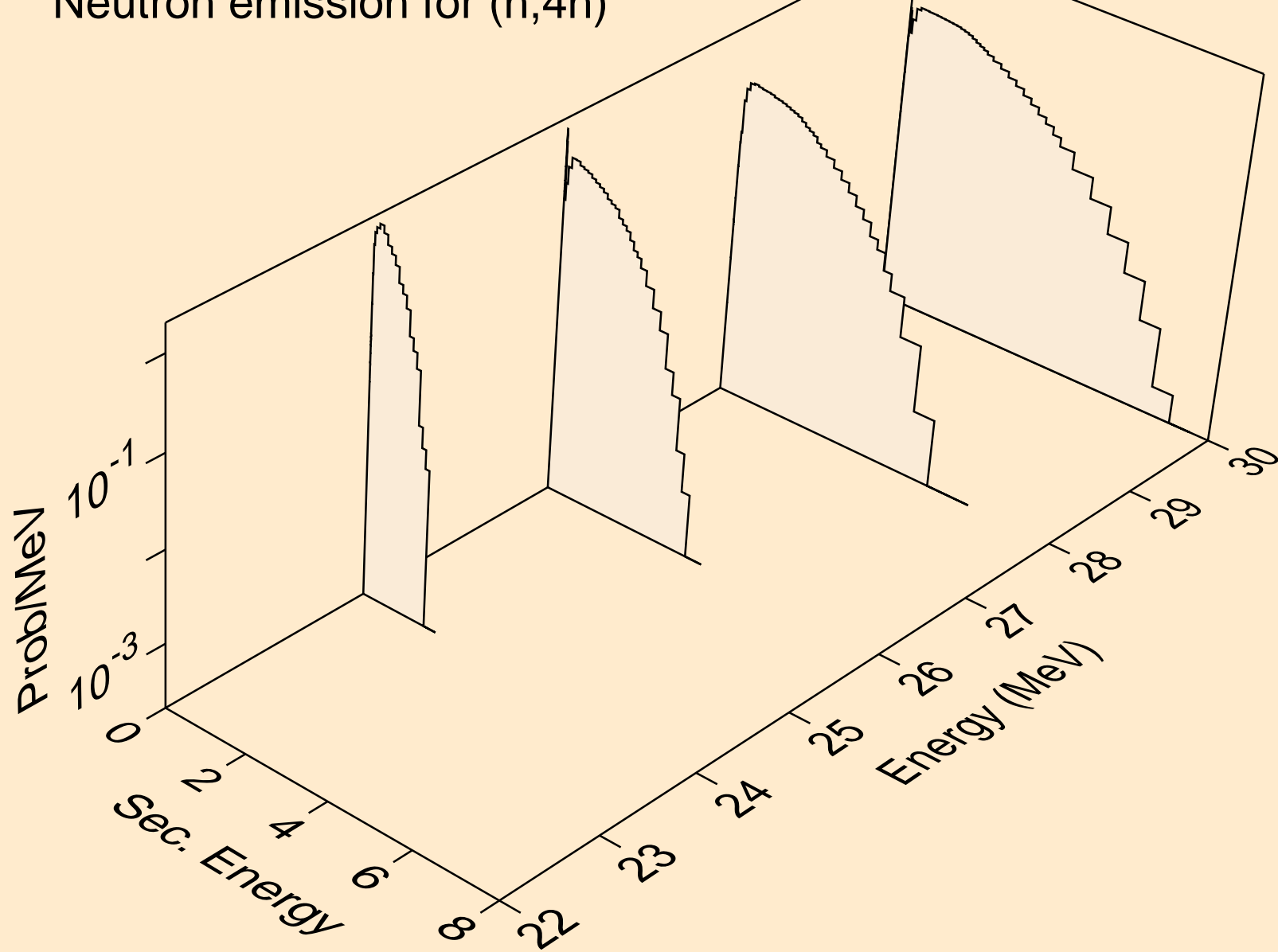
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



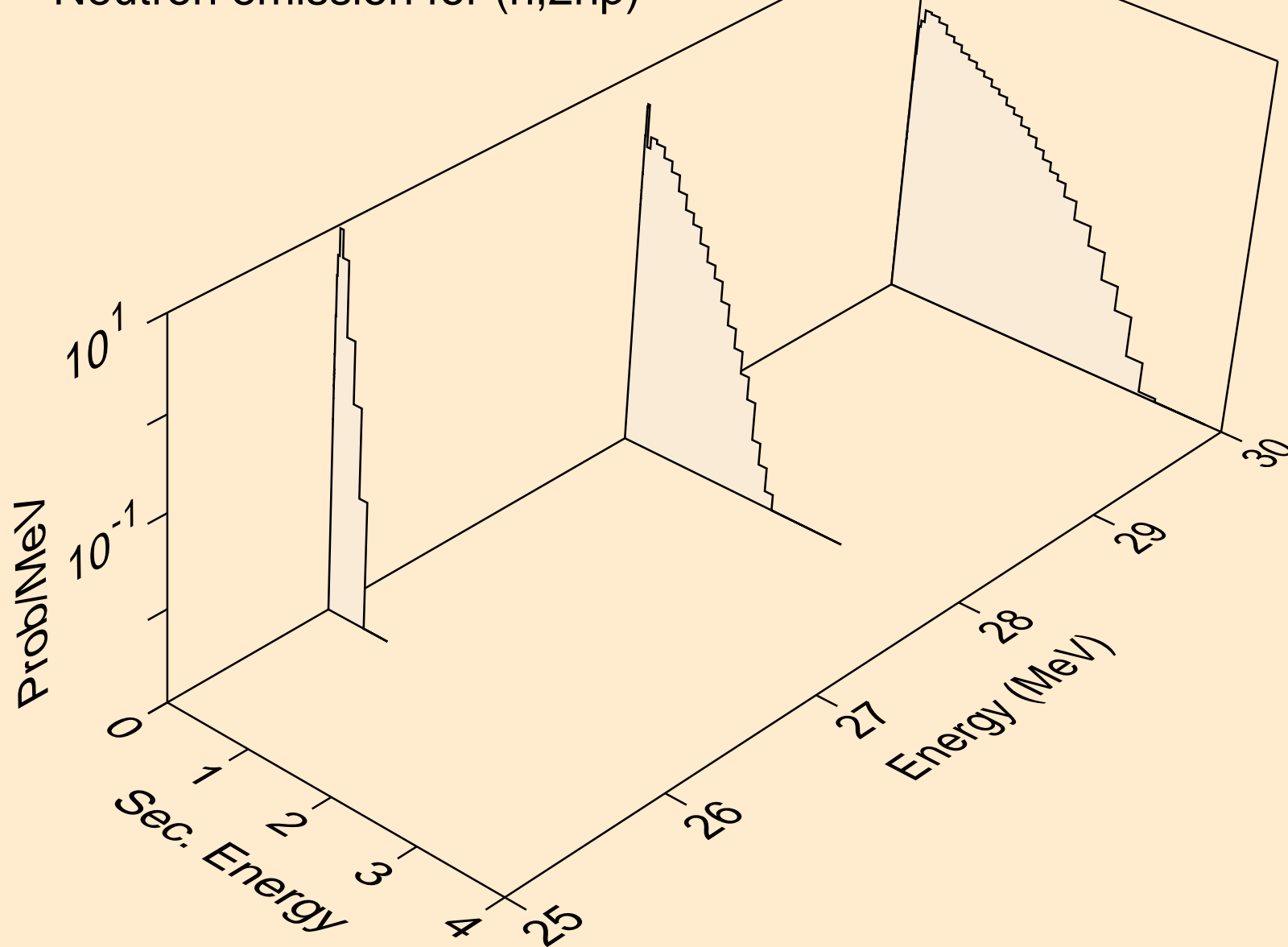
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



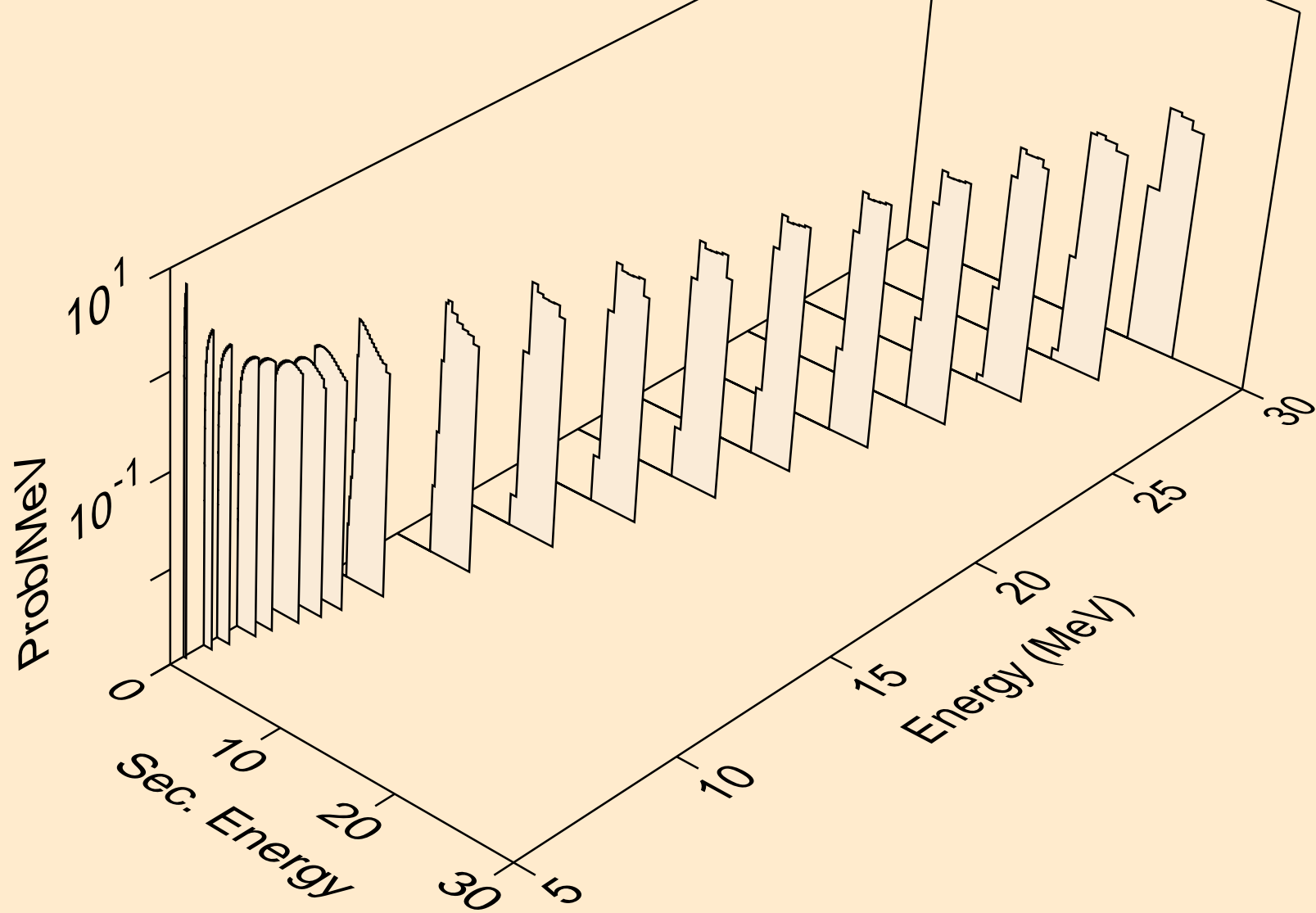
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

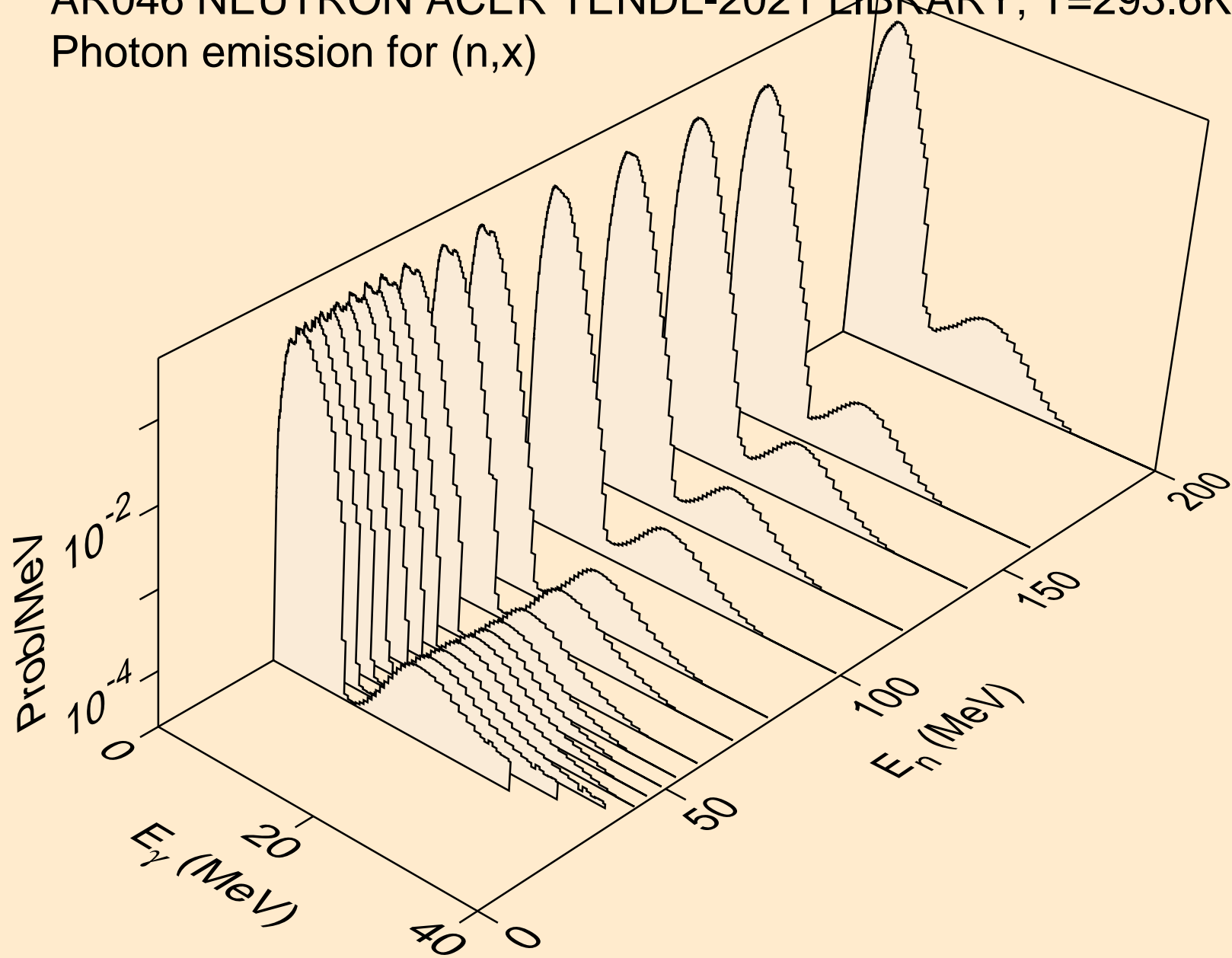


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

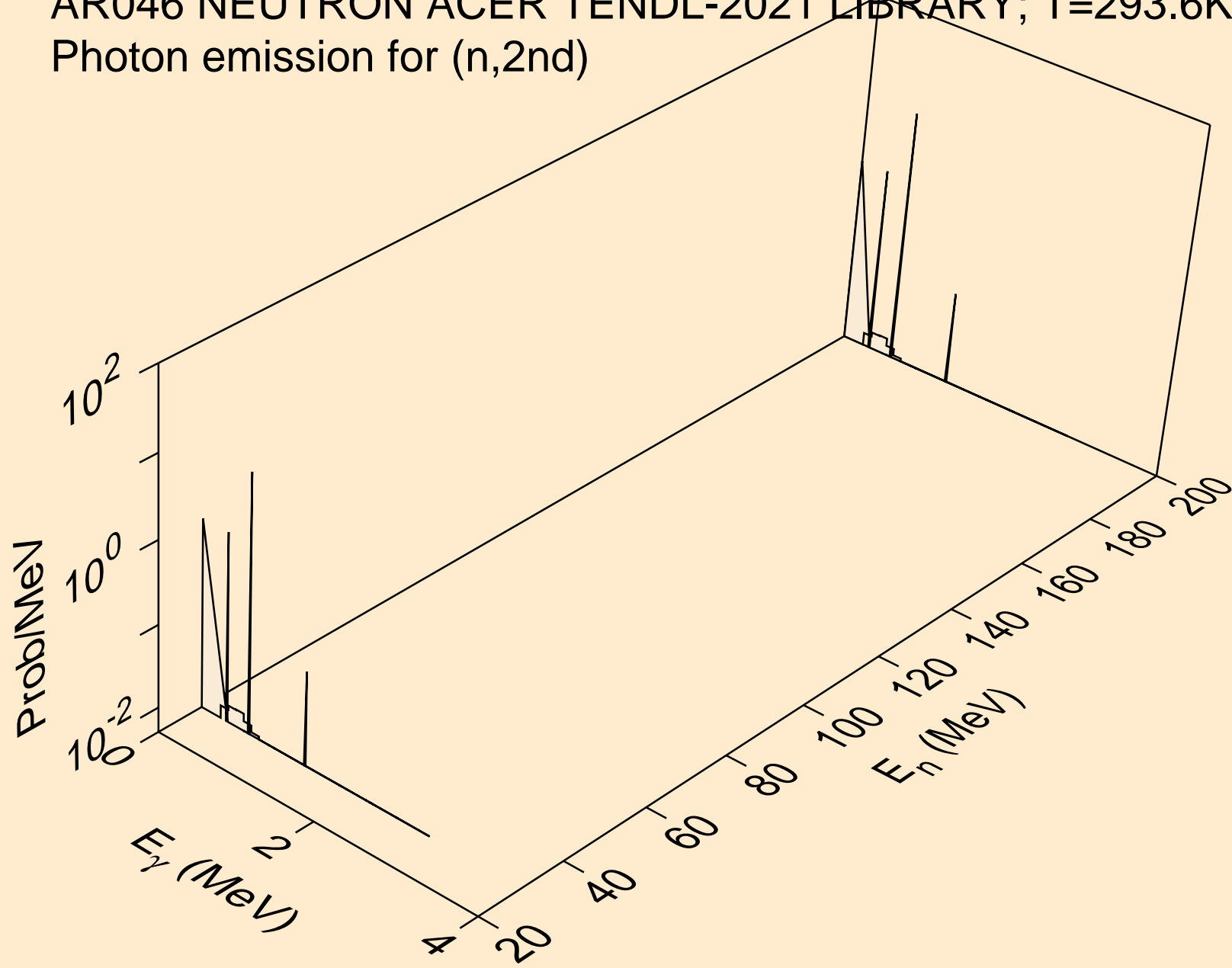




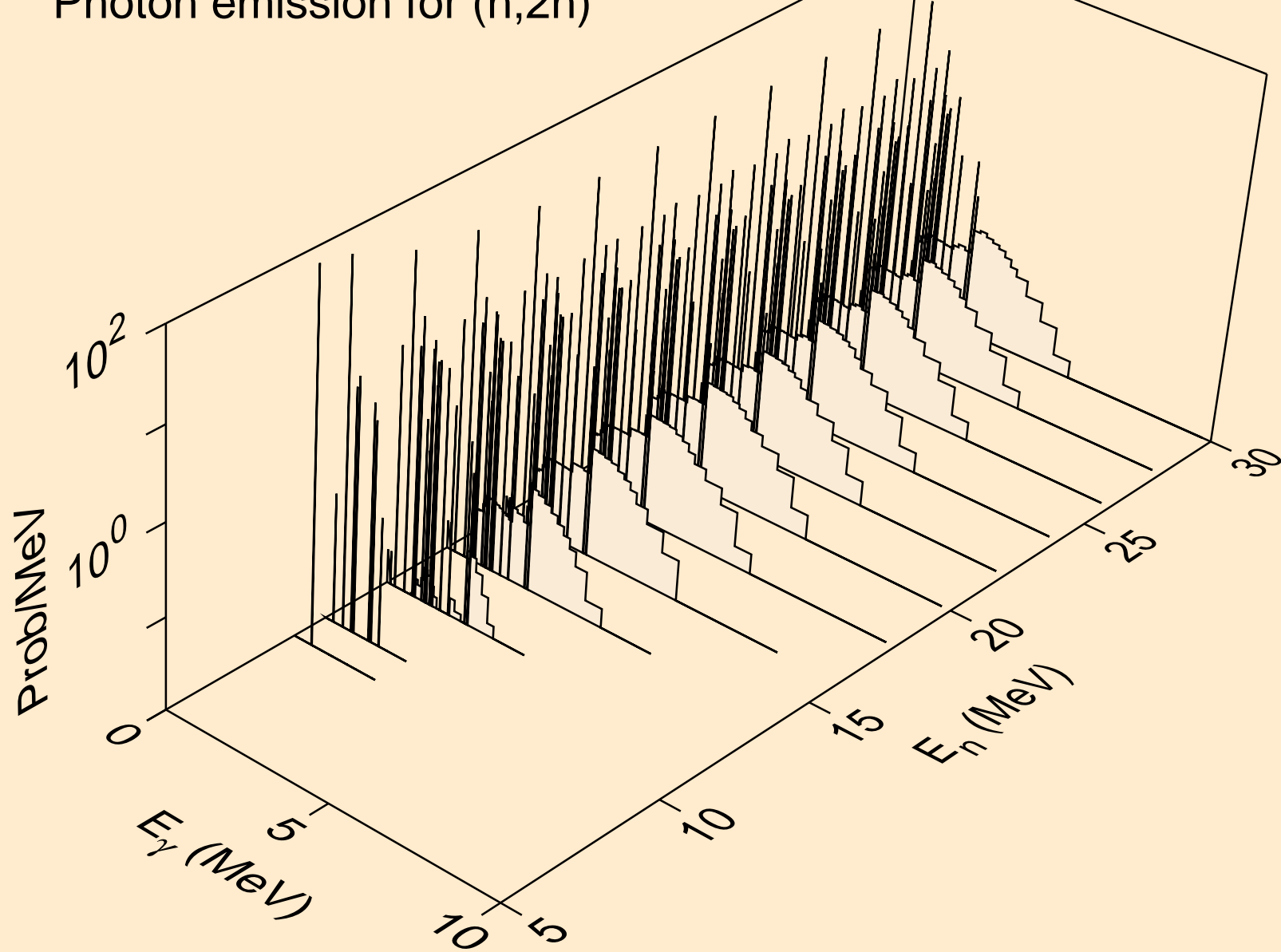
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



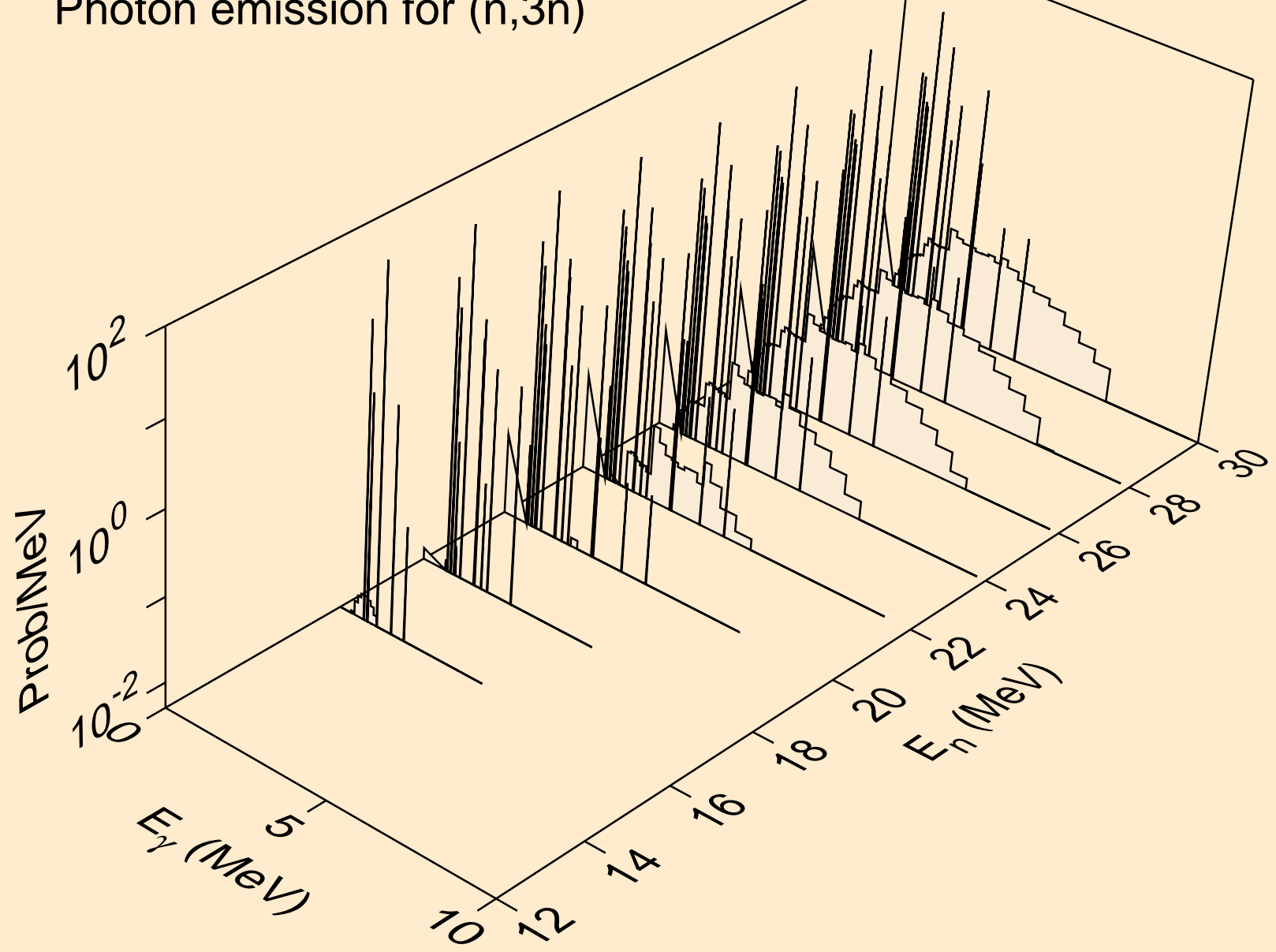
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



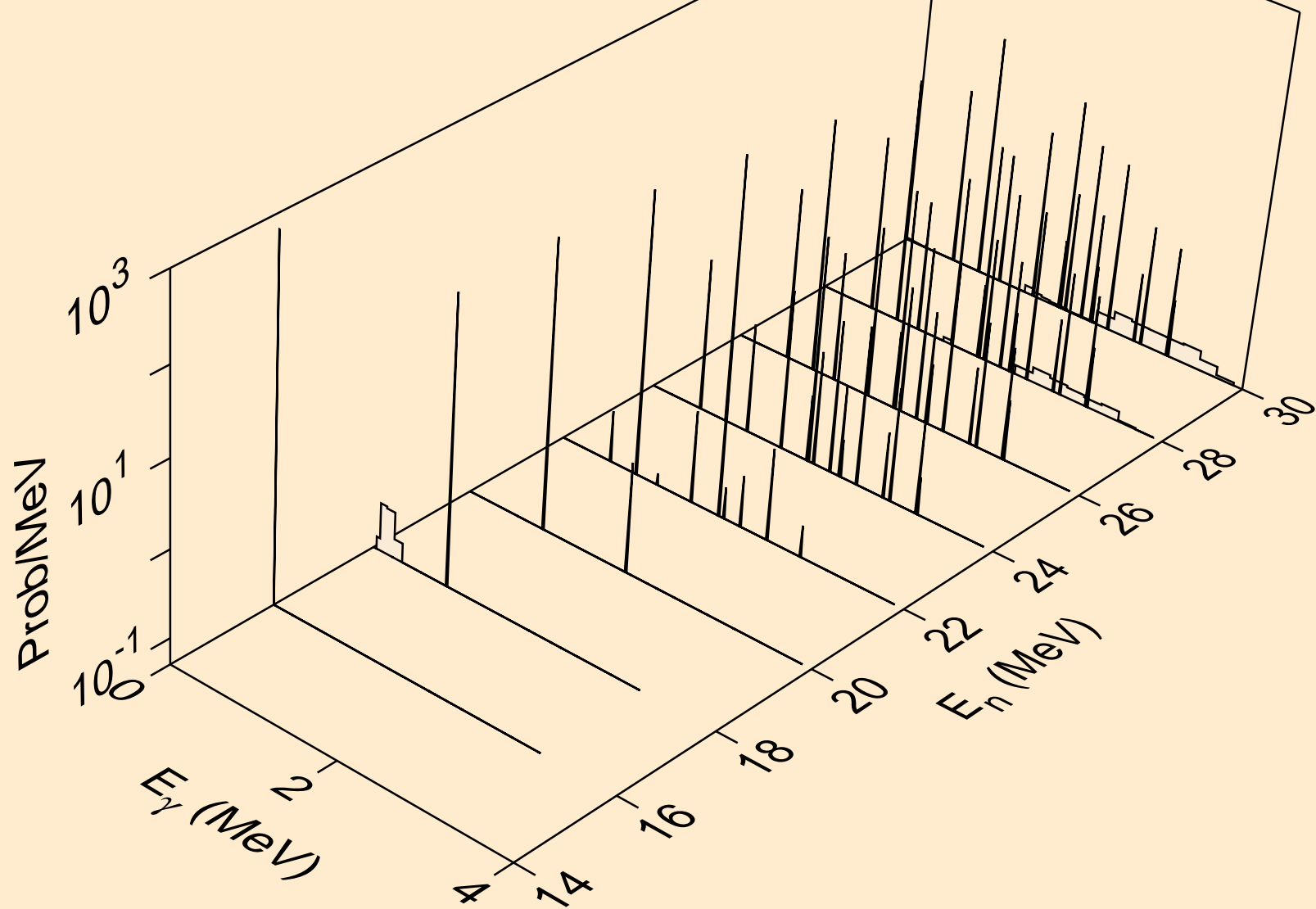
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



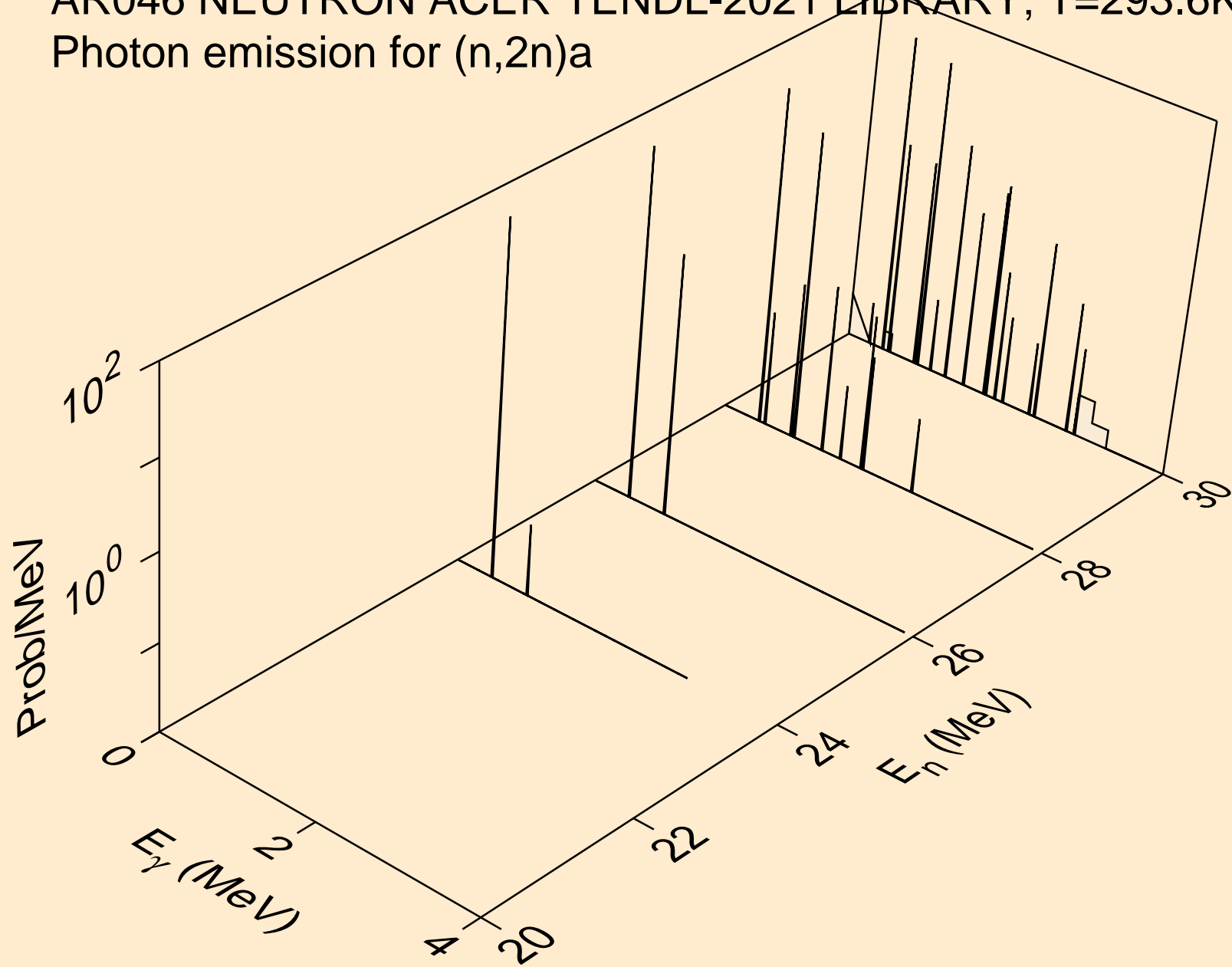
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



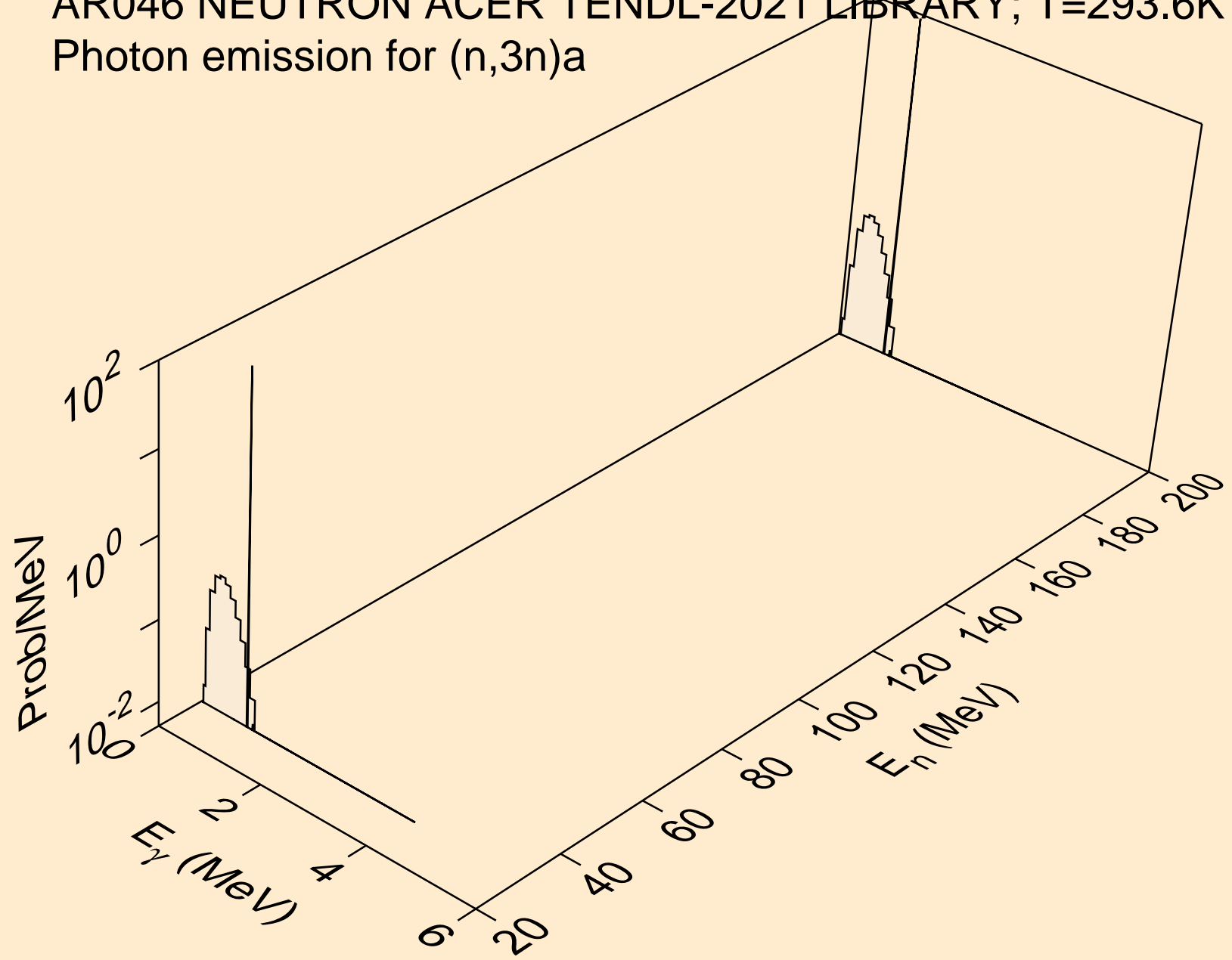
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



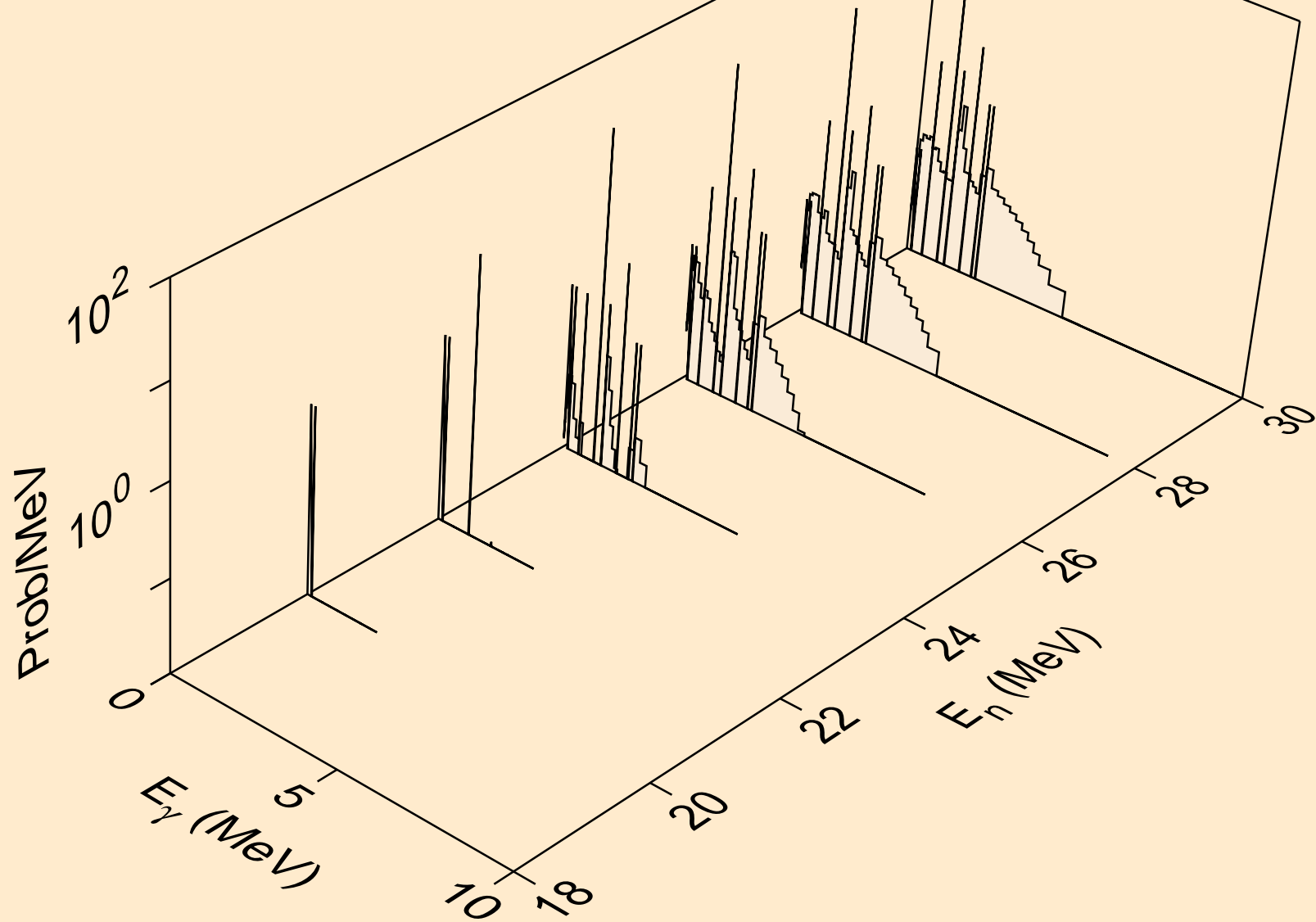
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

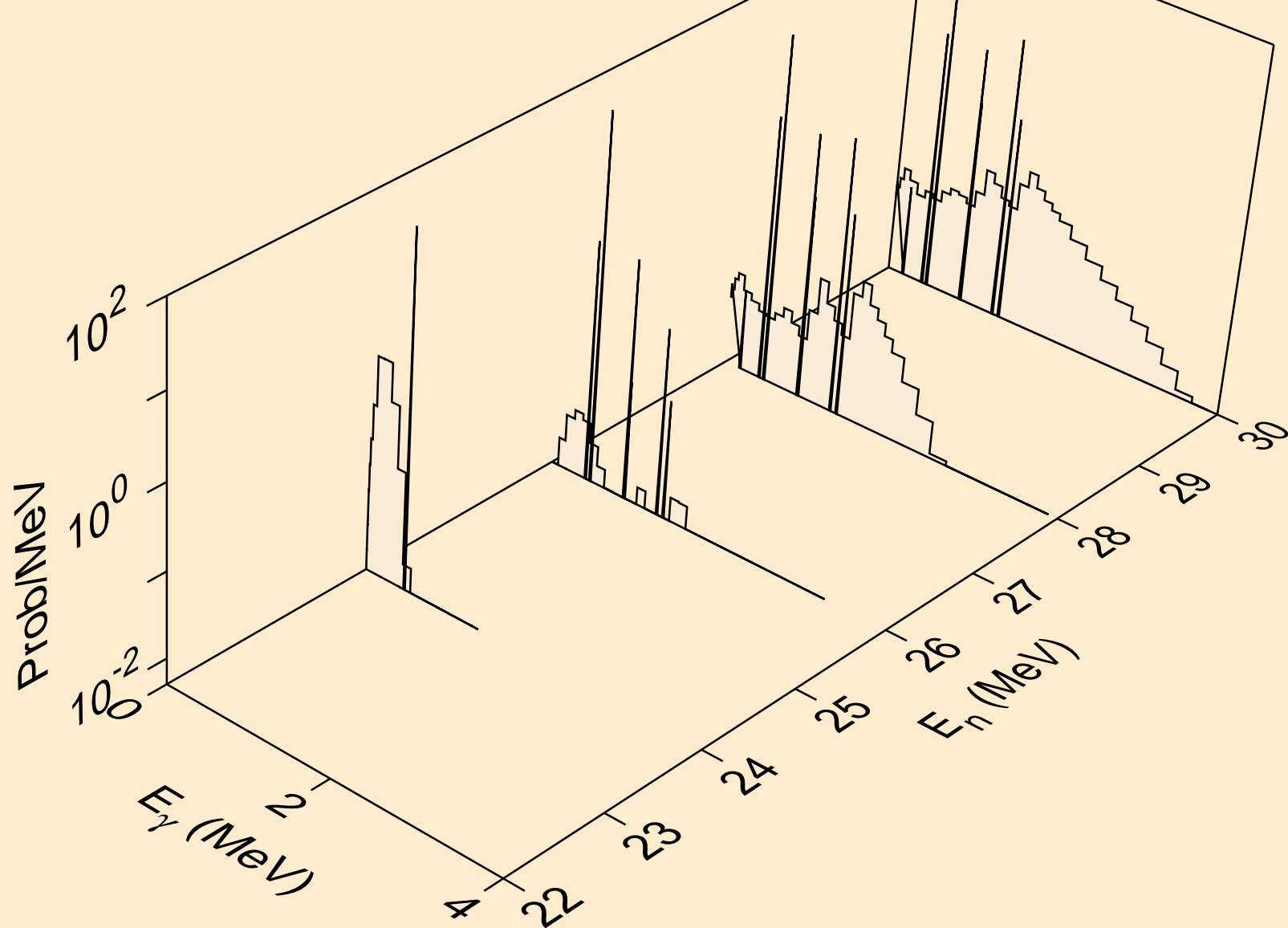


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

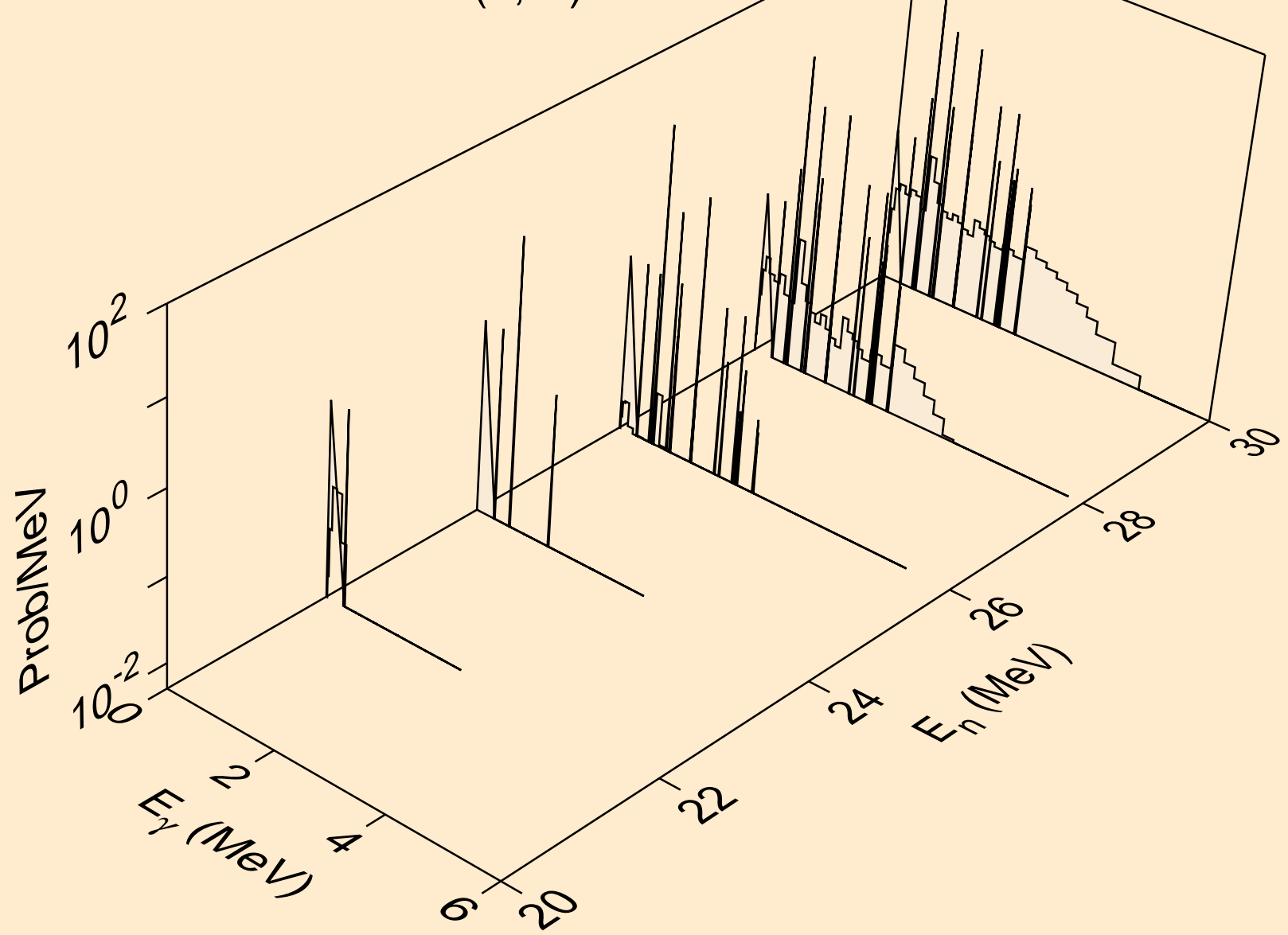




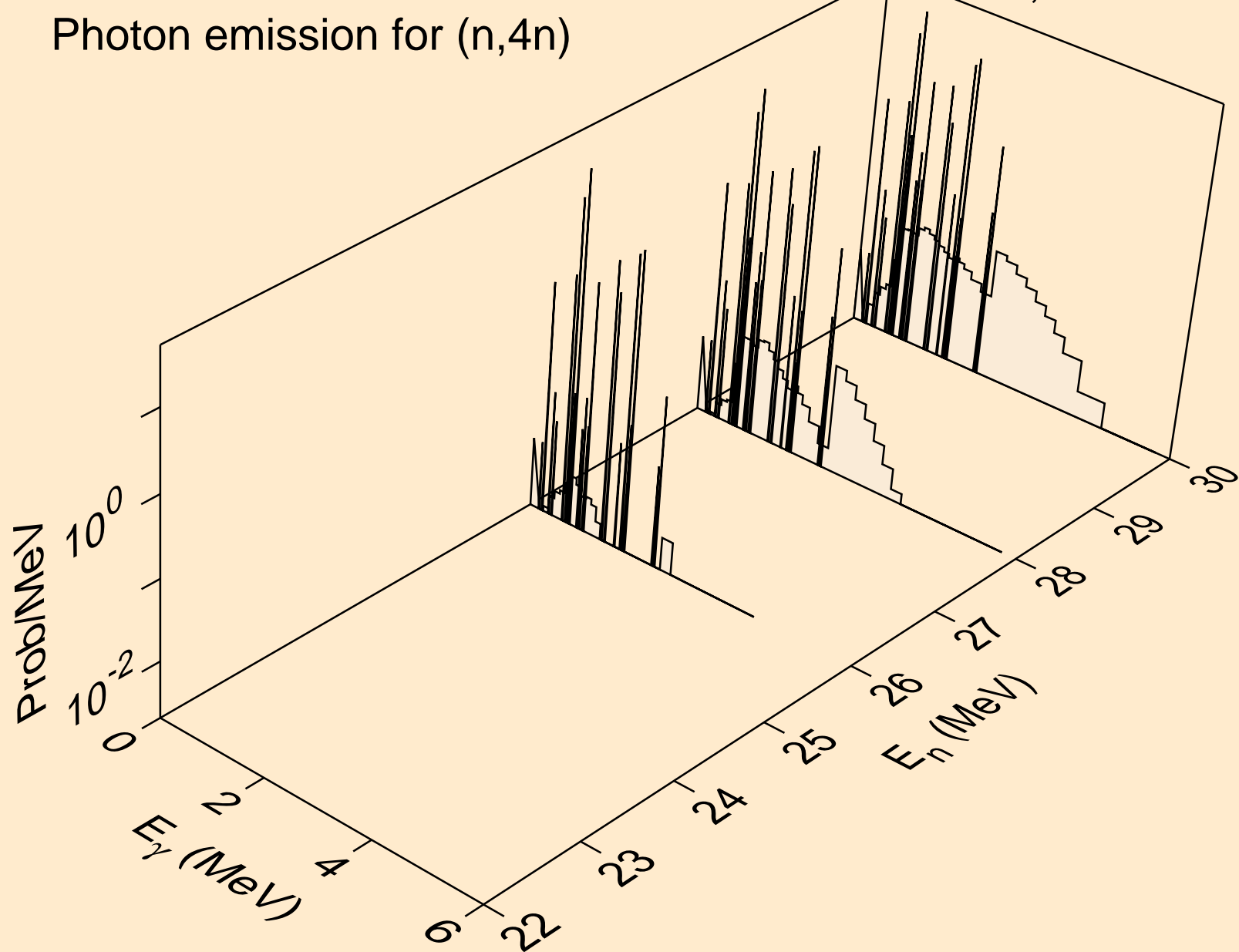
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



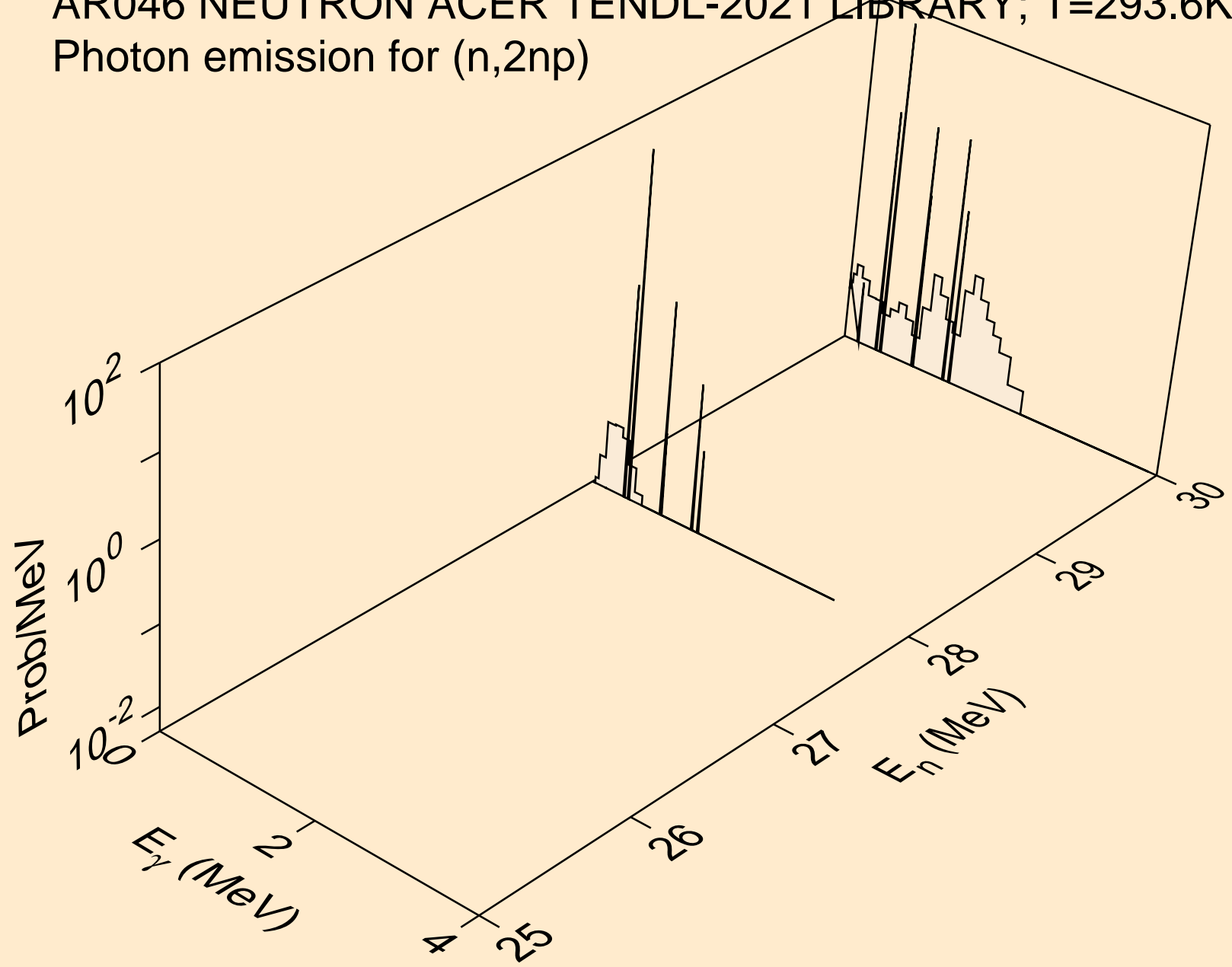
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Photon emission for (n,n\*)t



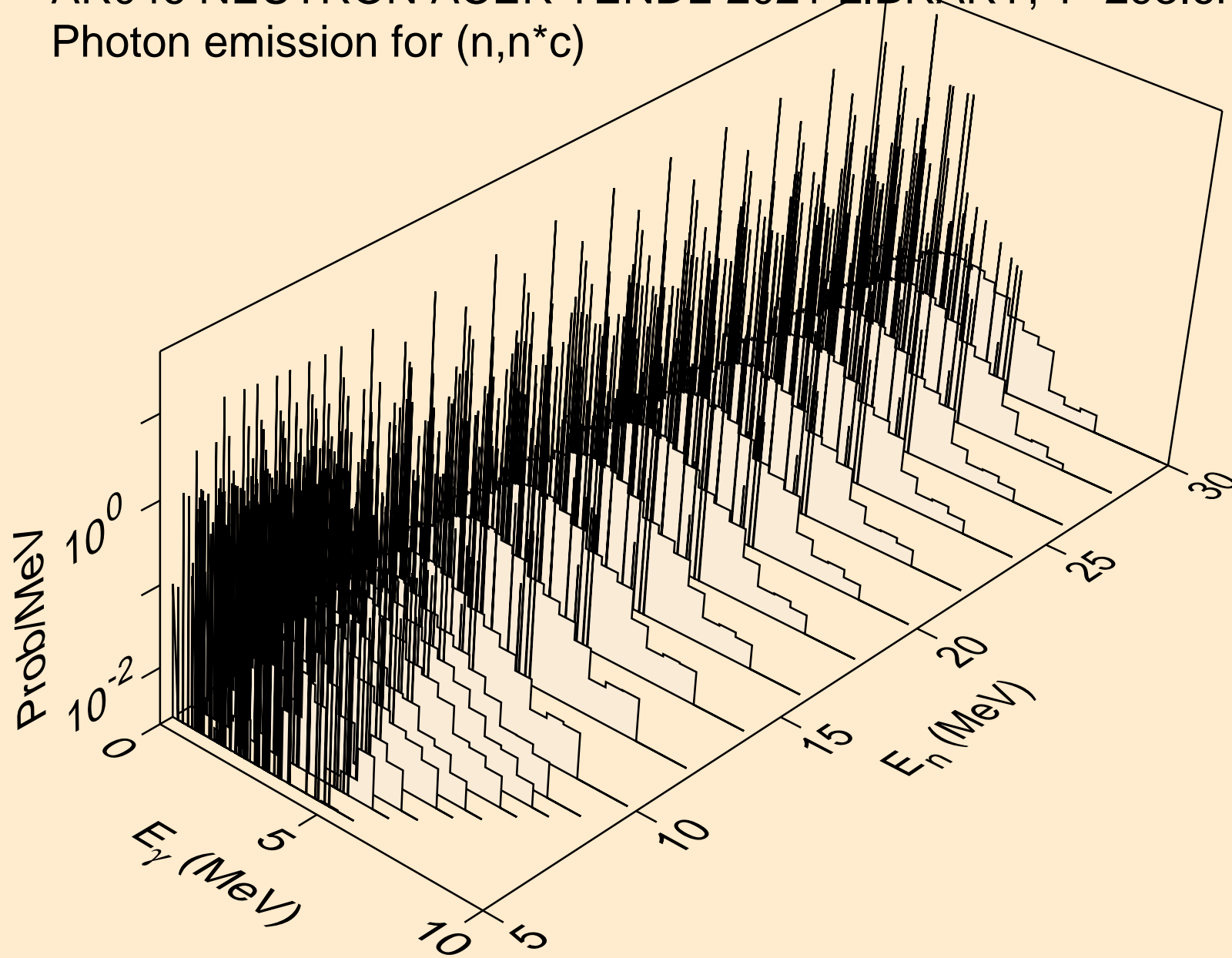
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Photon emission for (n,4n)



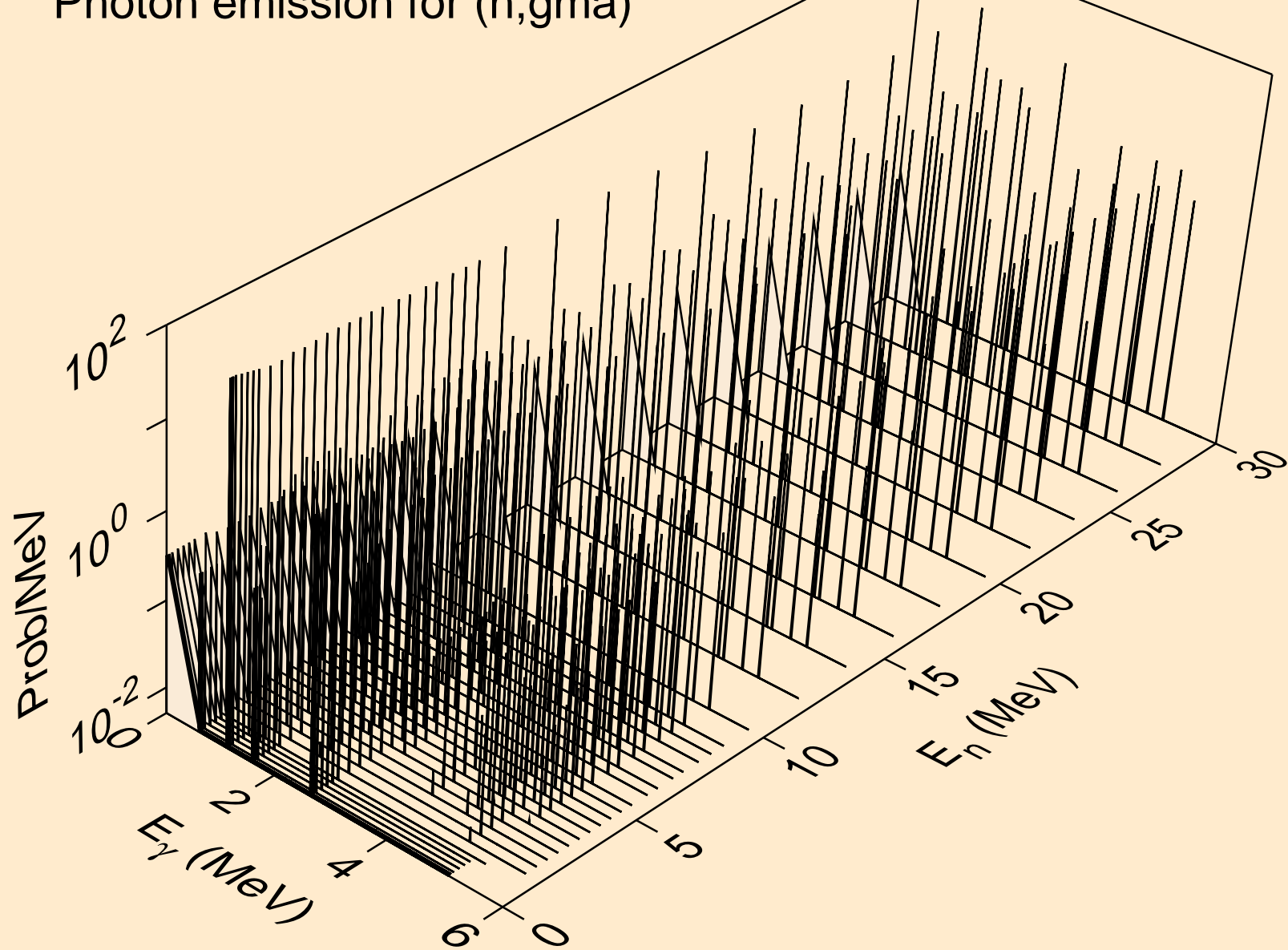
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Photon emission for (n,2np)



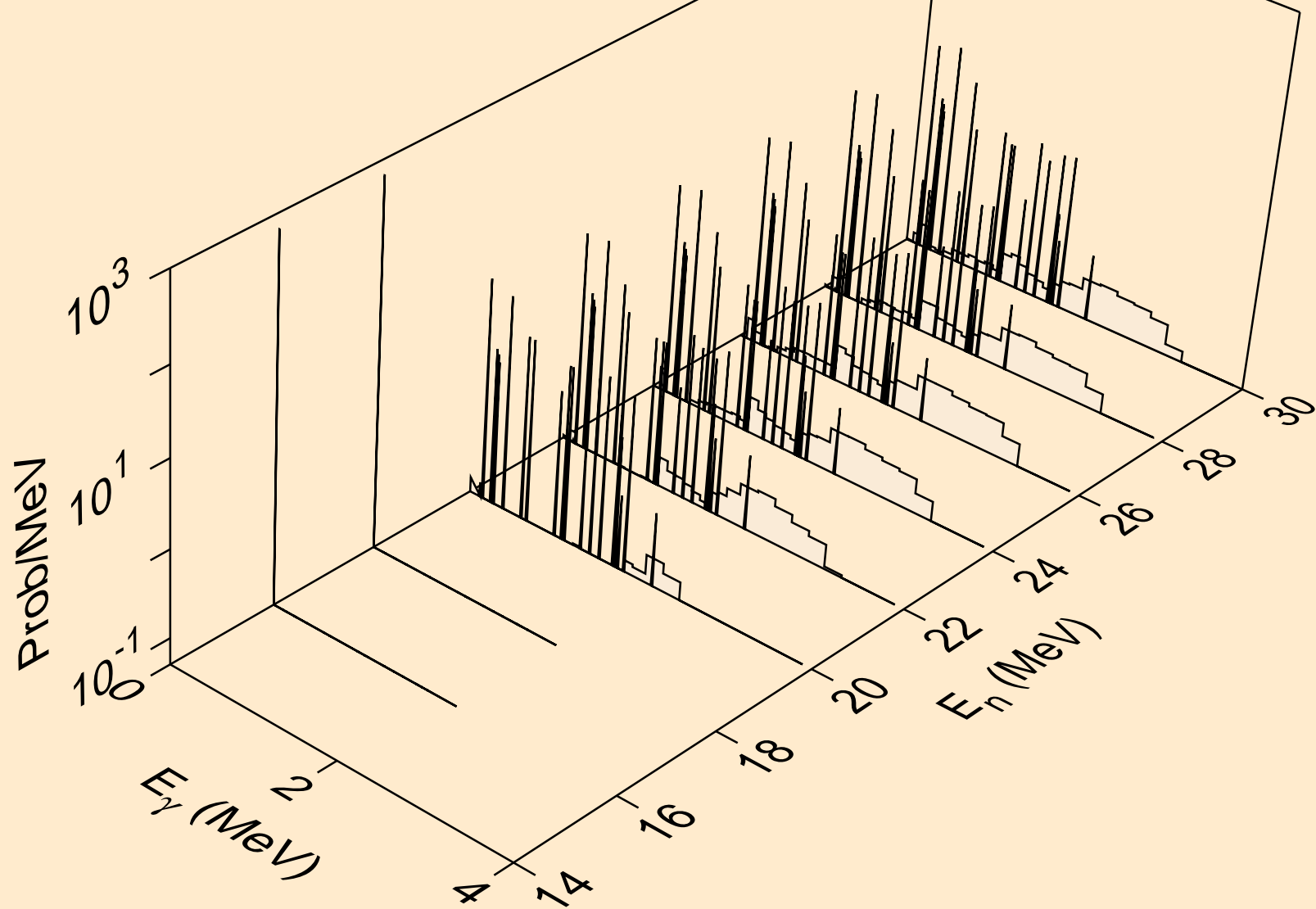
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Photon emission for (n,n\*c)



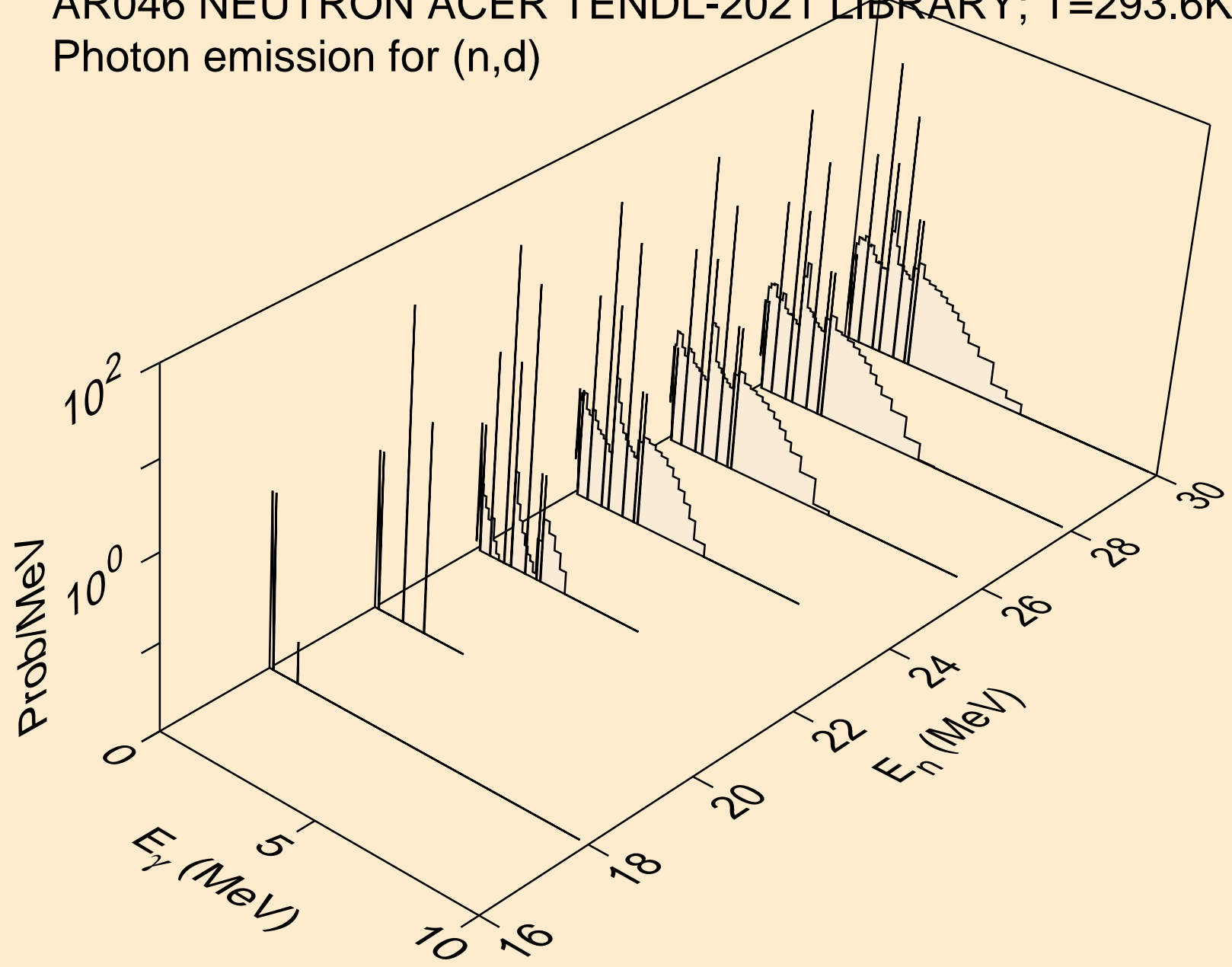
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

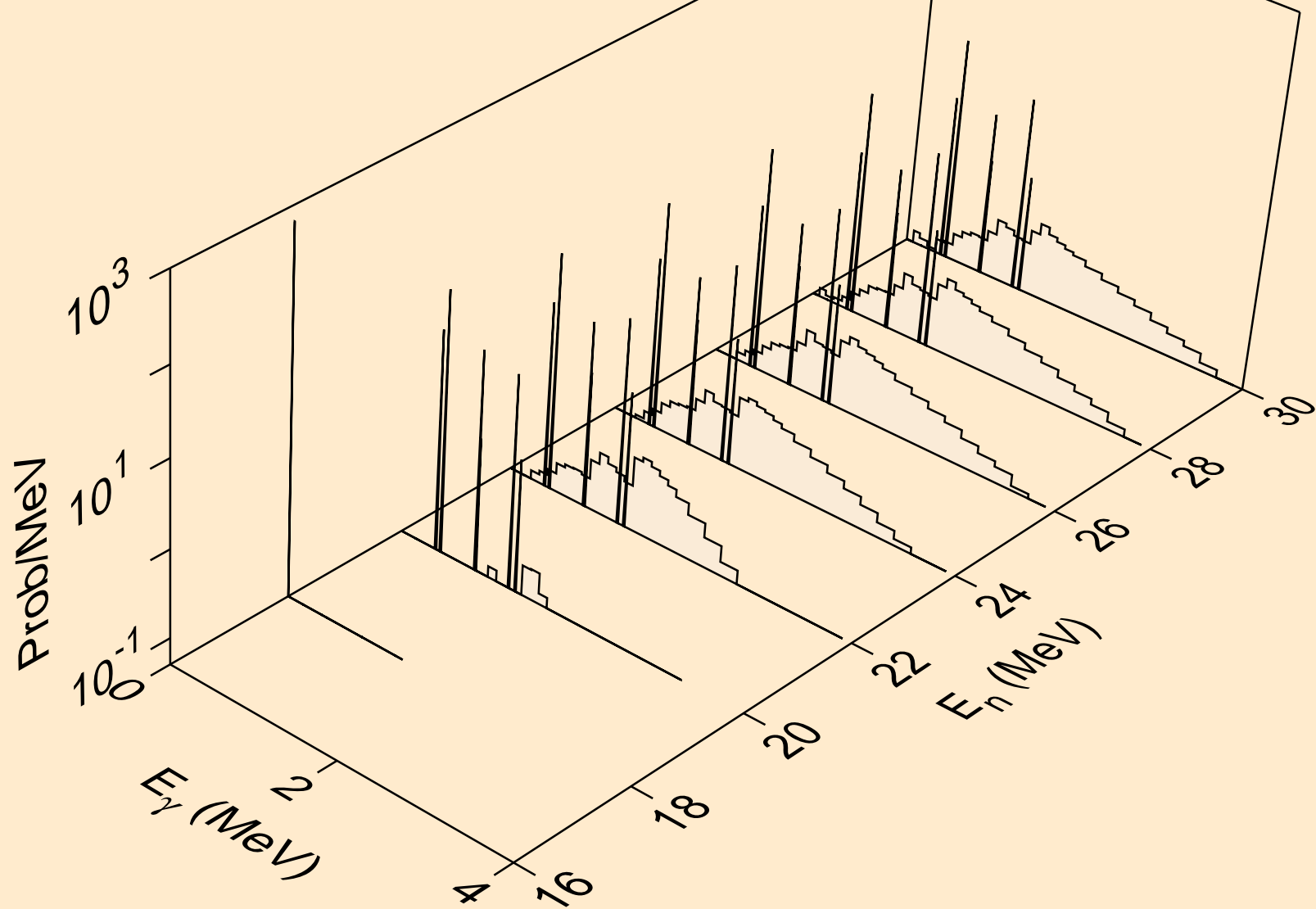


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

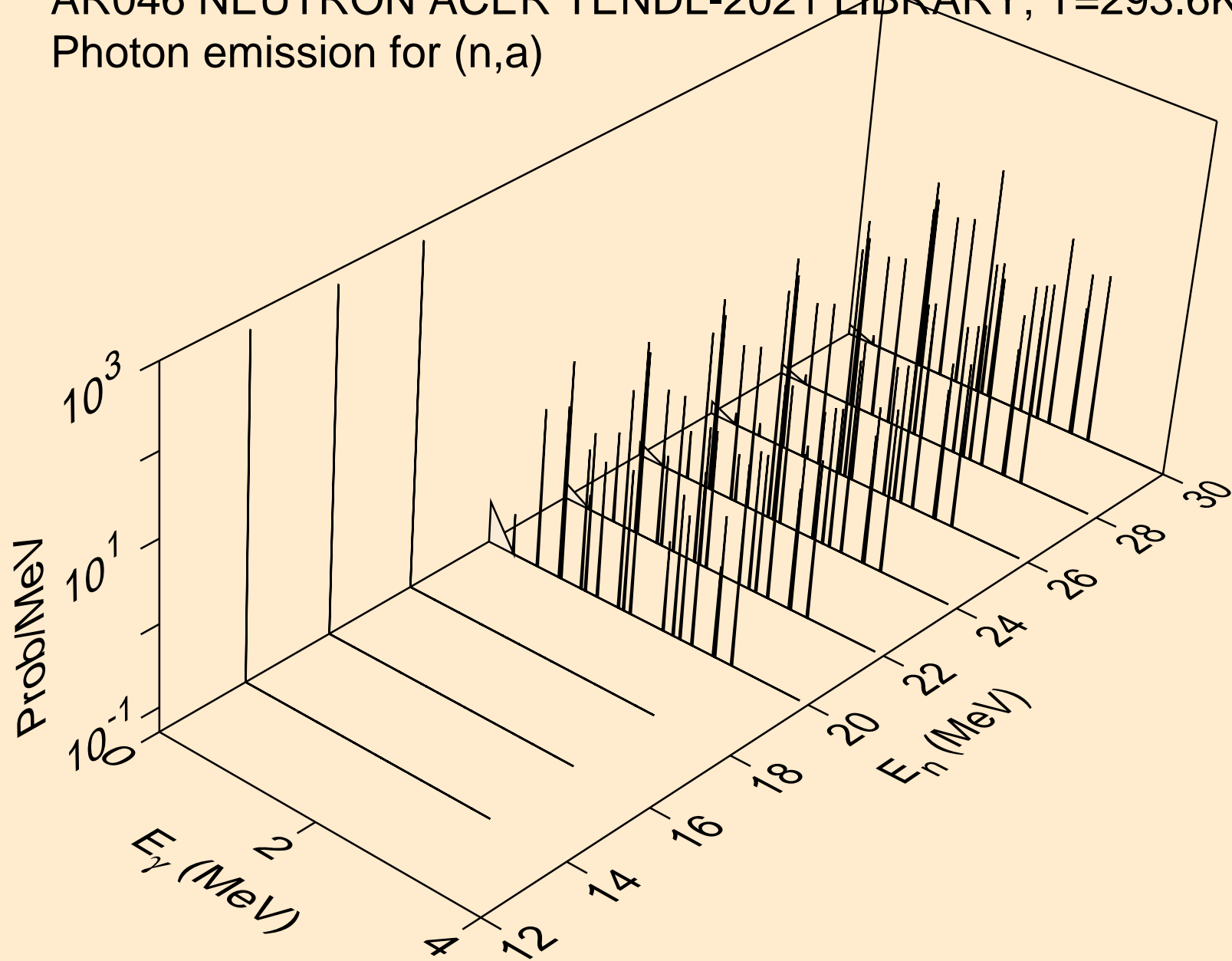




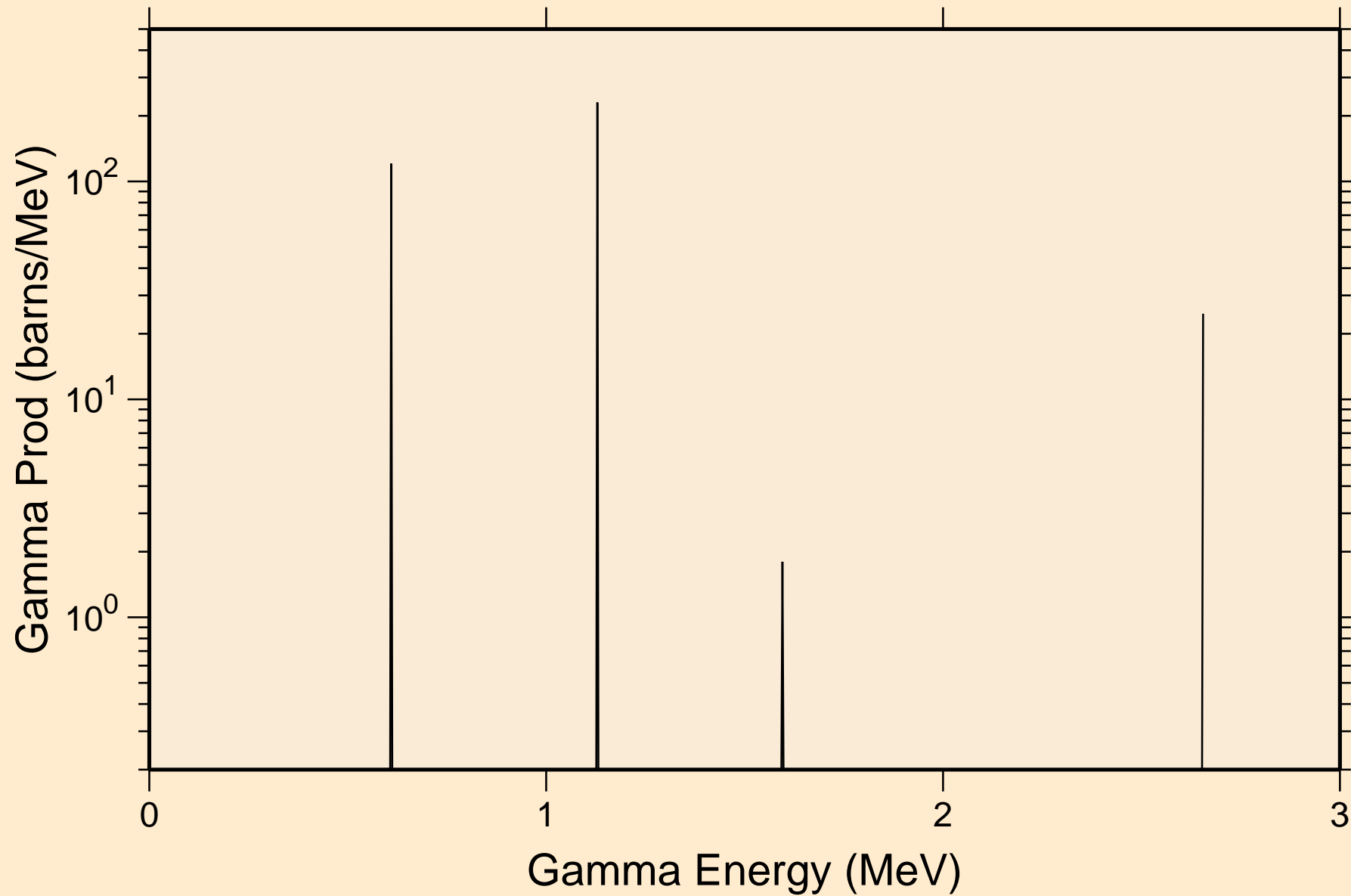
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Photon emission for (n,t)



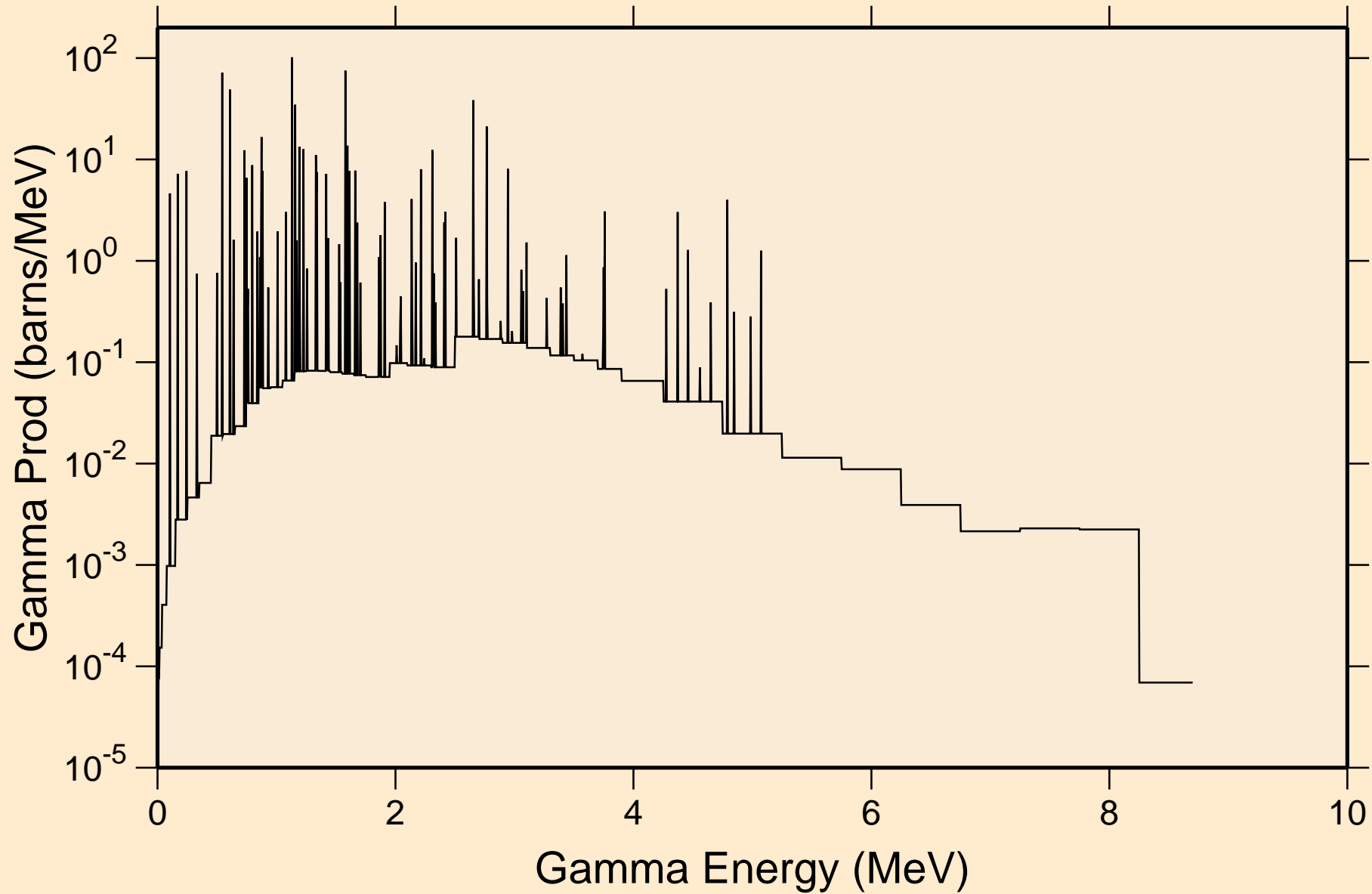
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Photon emission for (n,a)



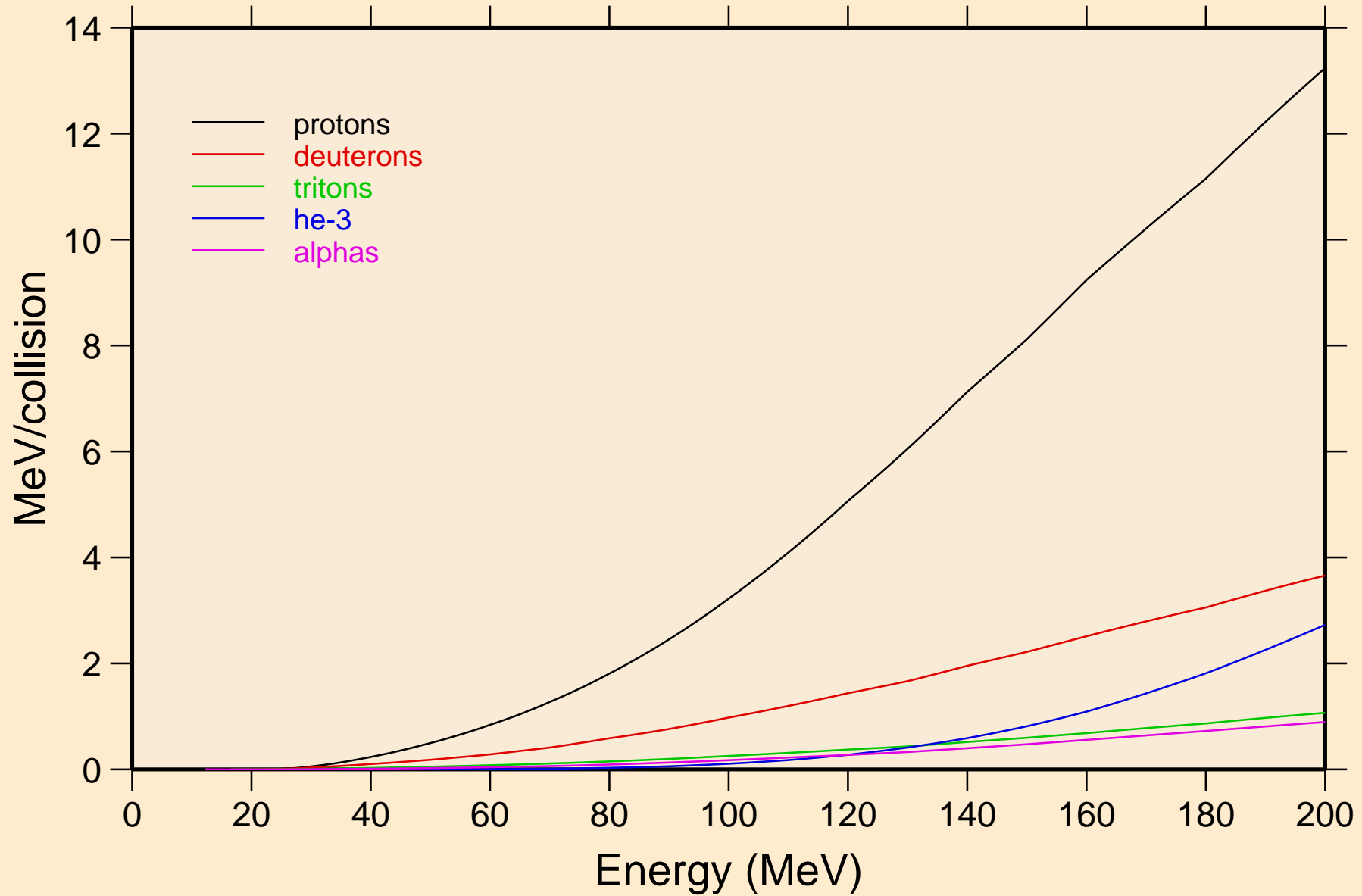
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



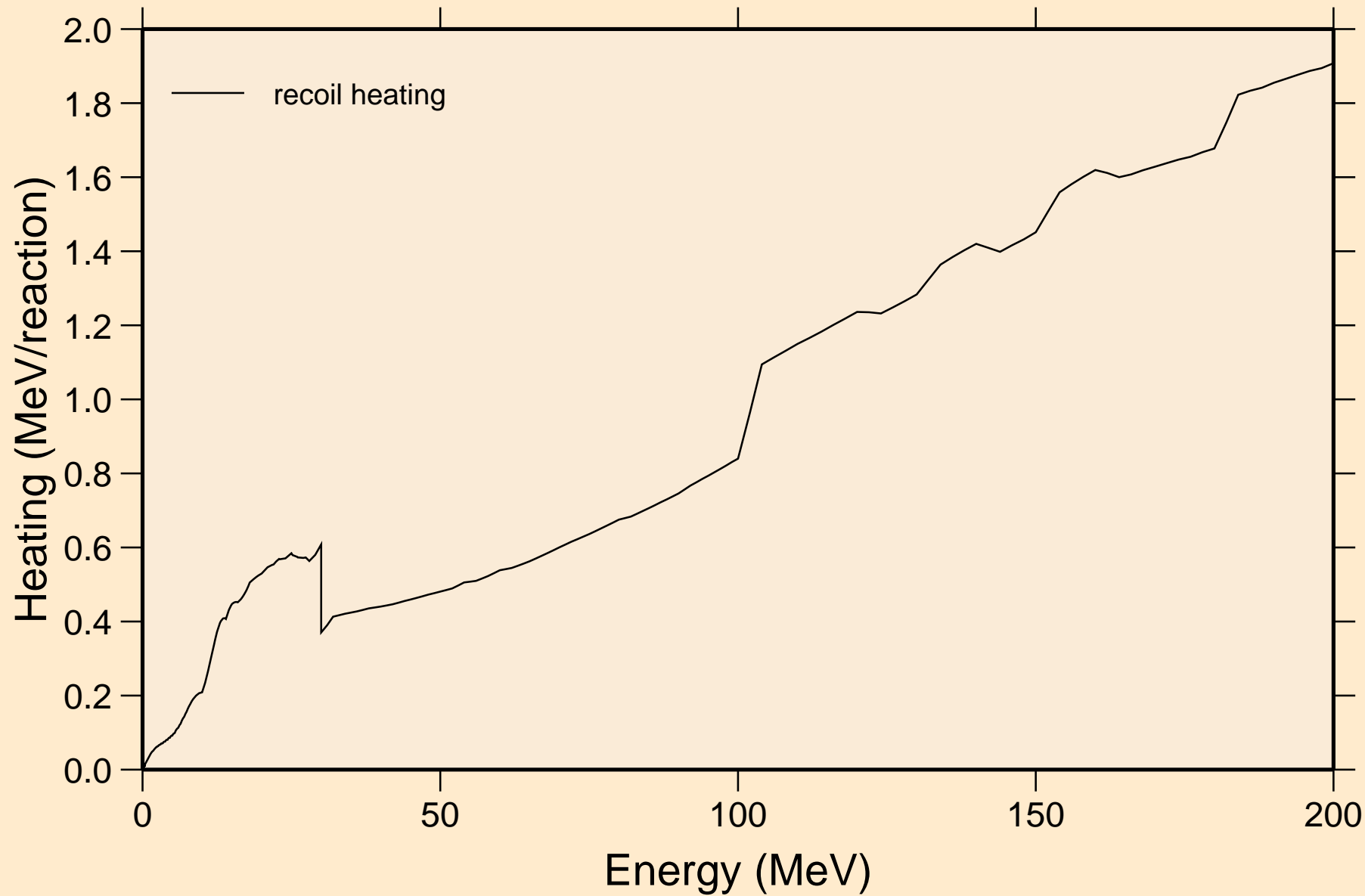
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14 MeV photon spectrum



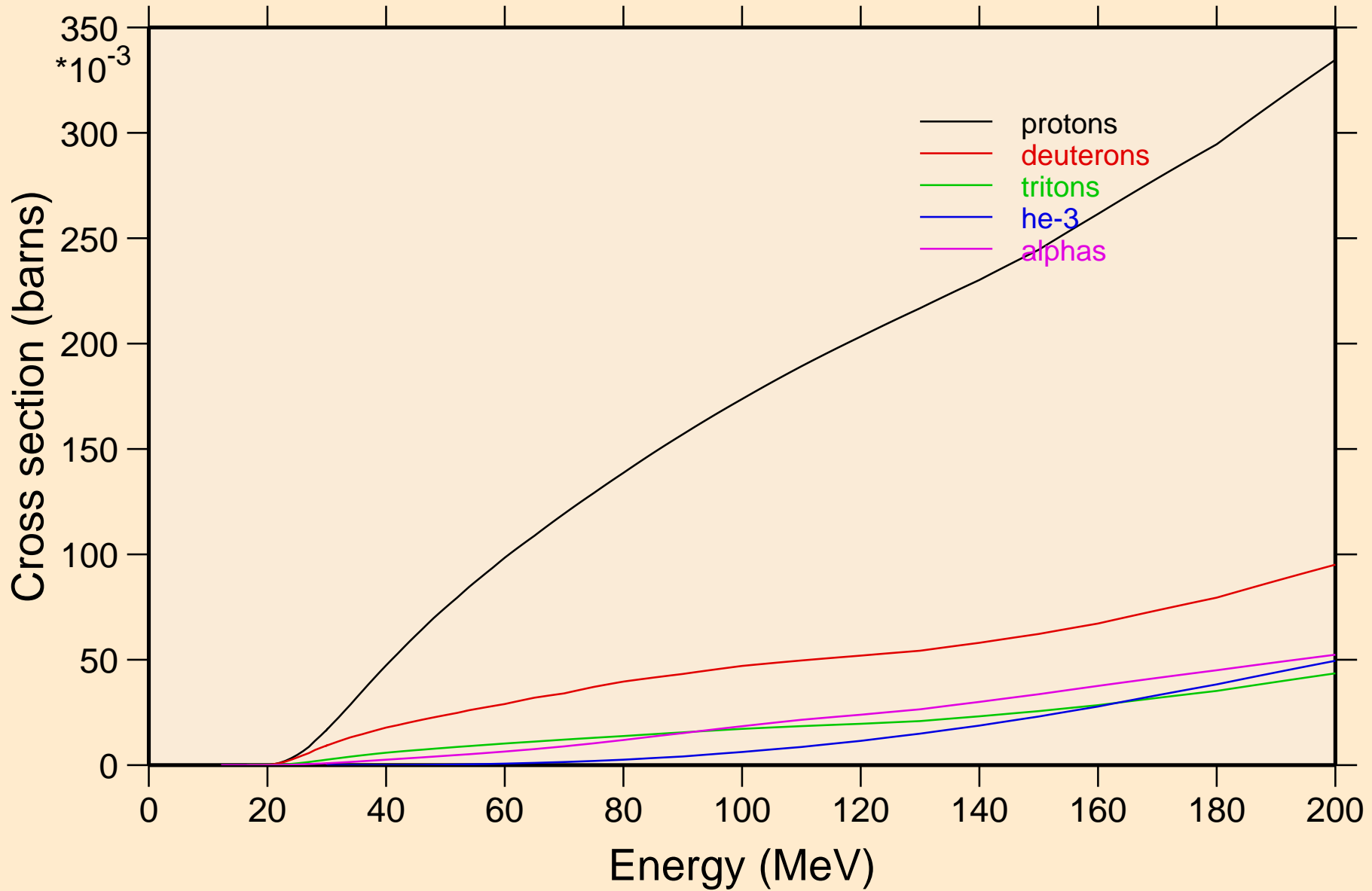
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Particle heating contributions



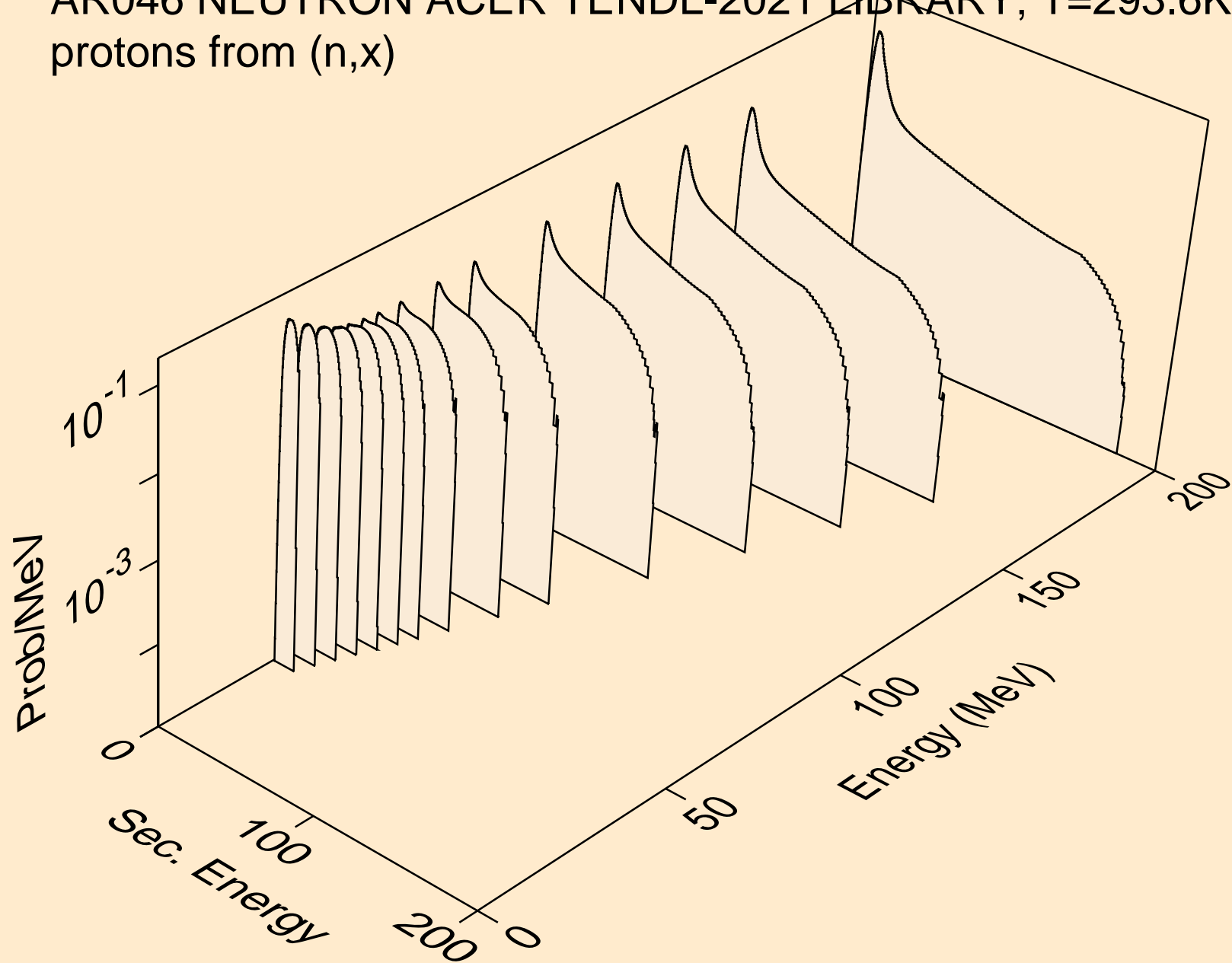
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

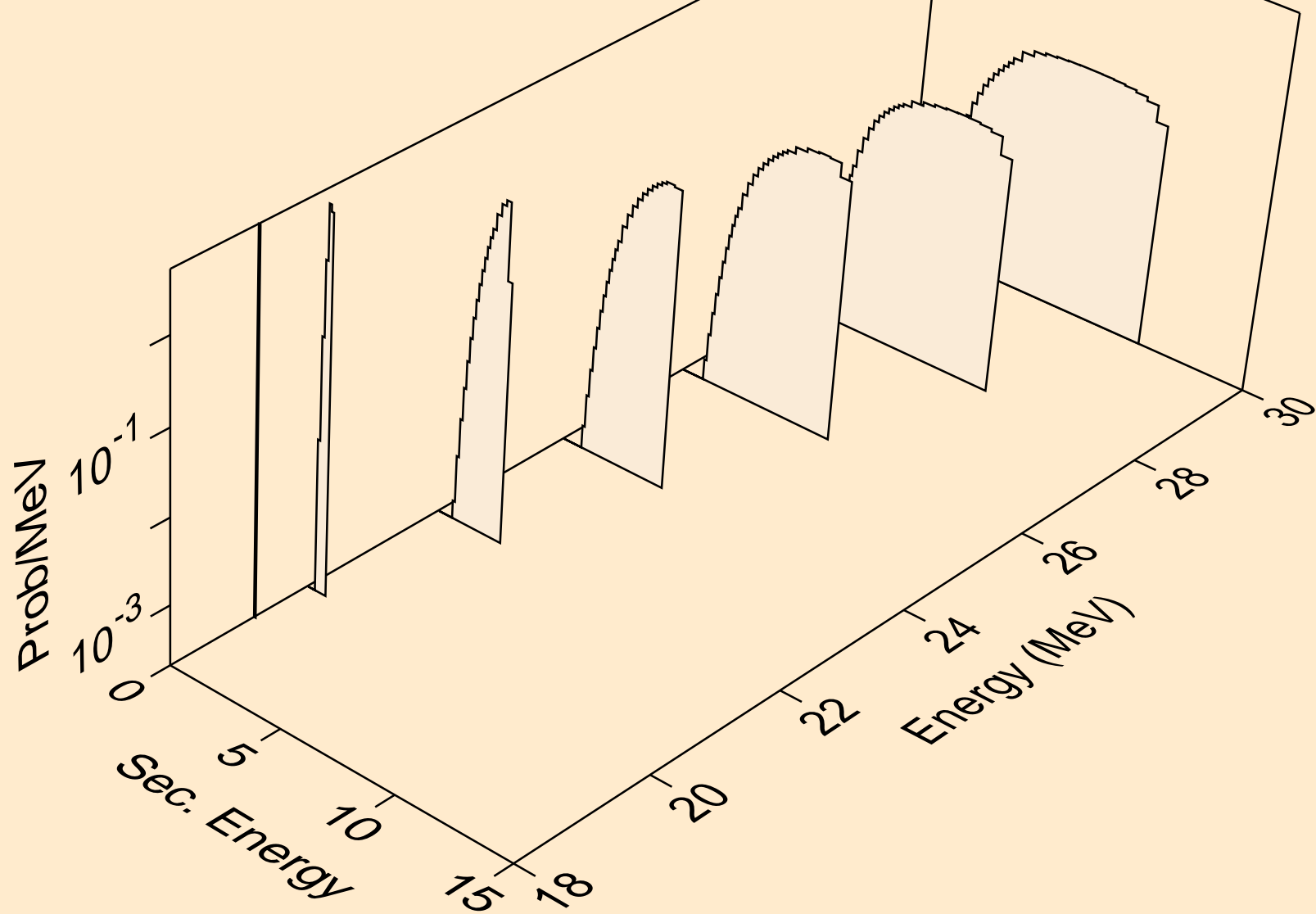


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

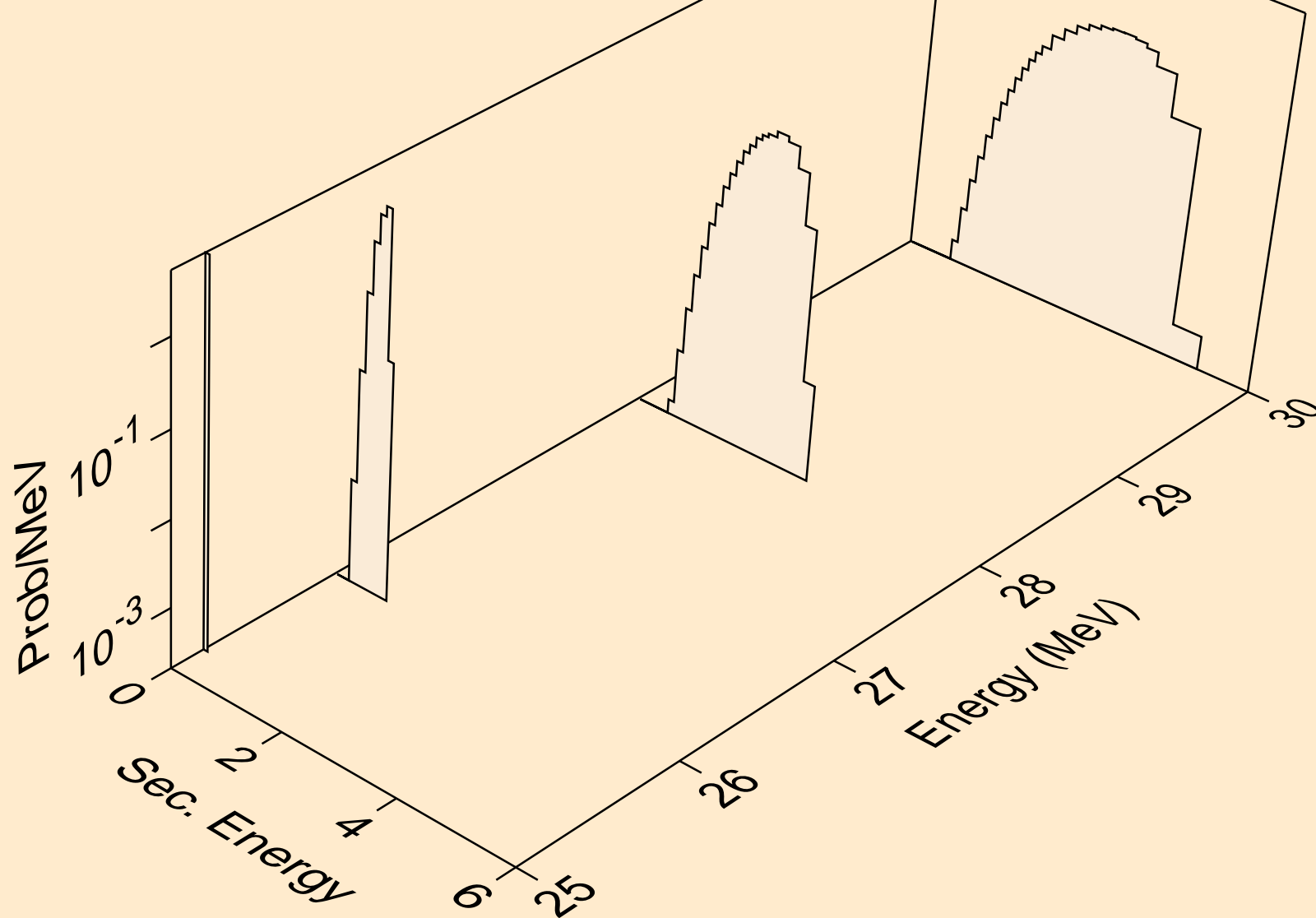




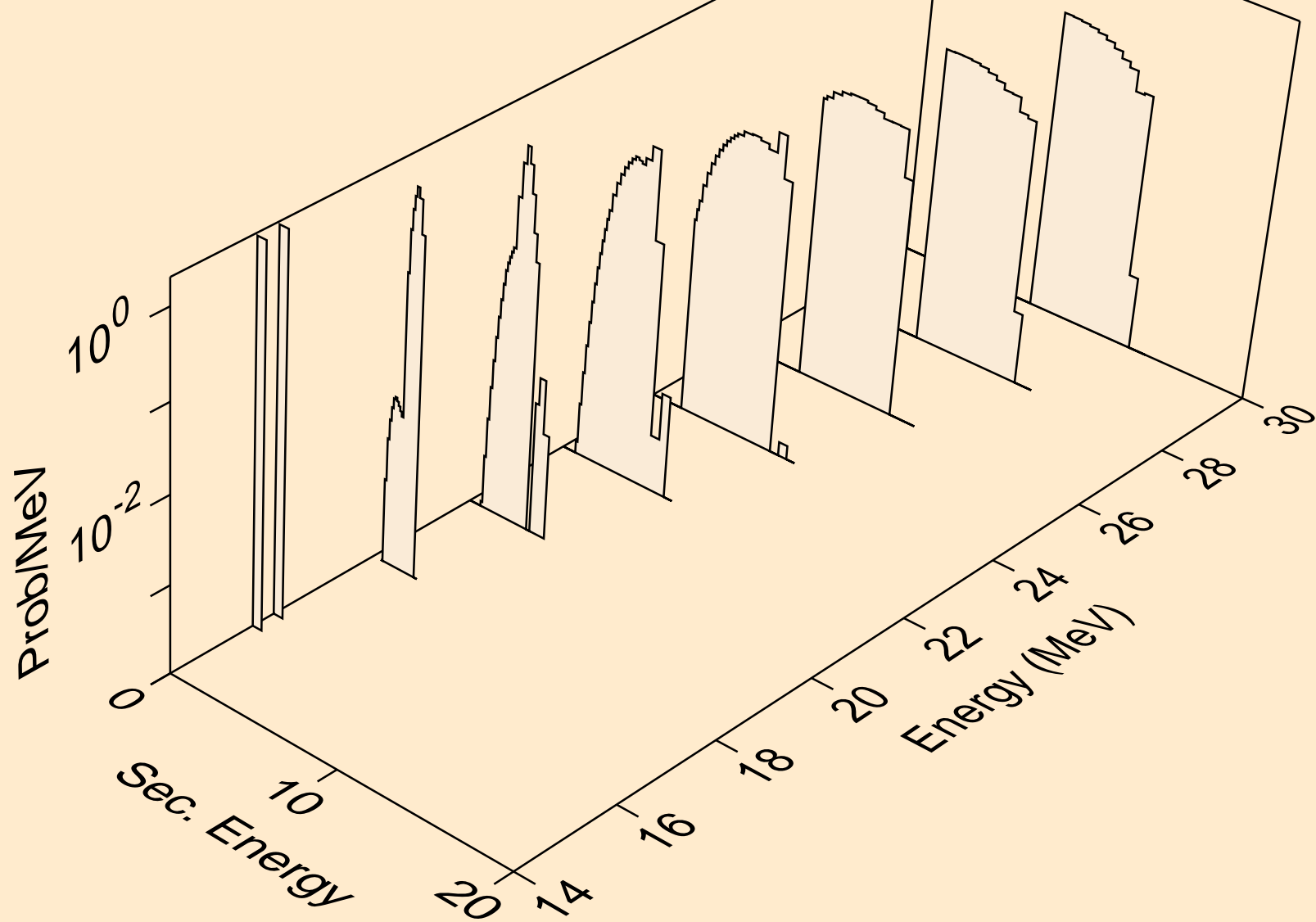
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



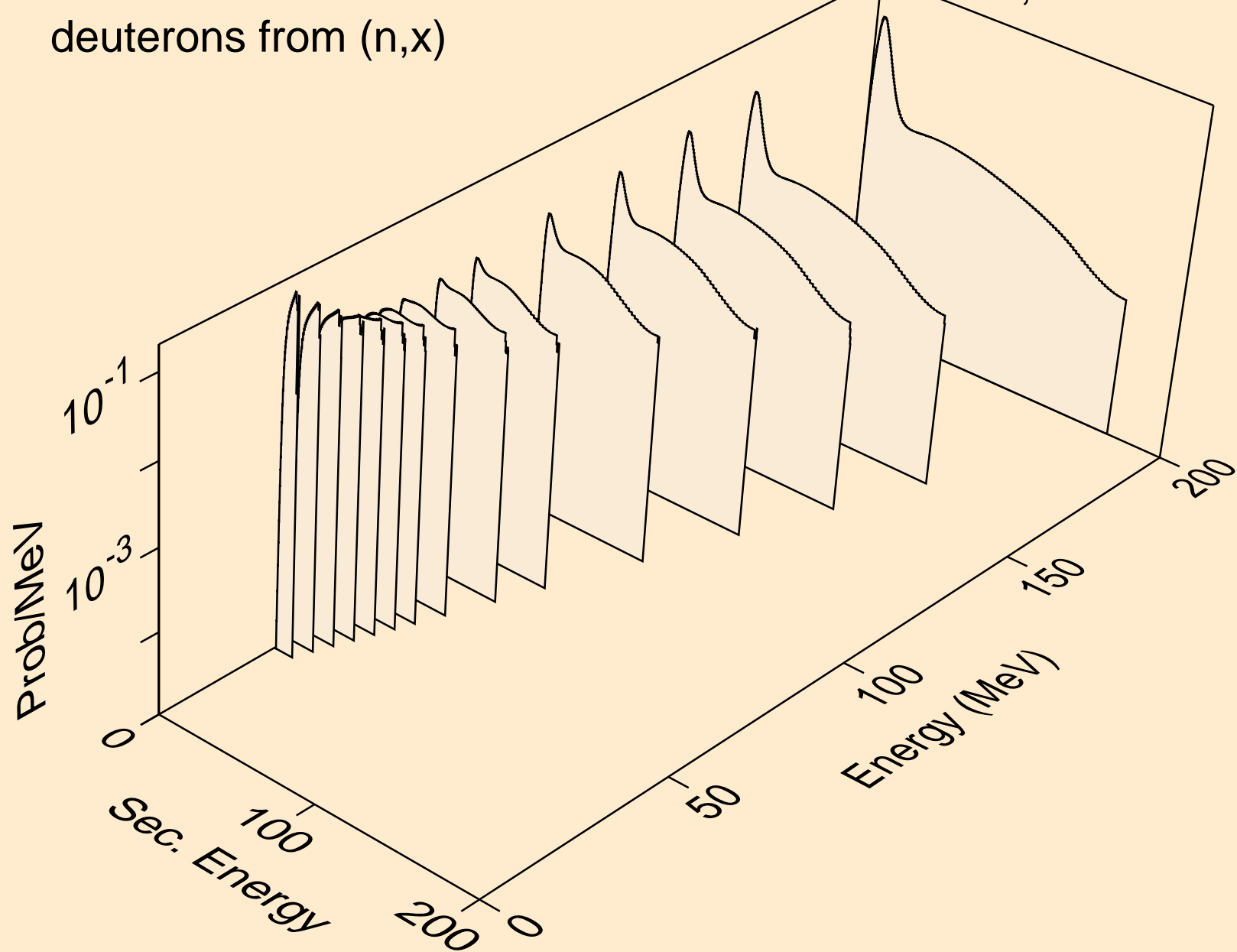
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protons from (n,2np)



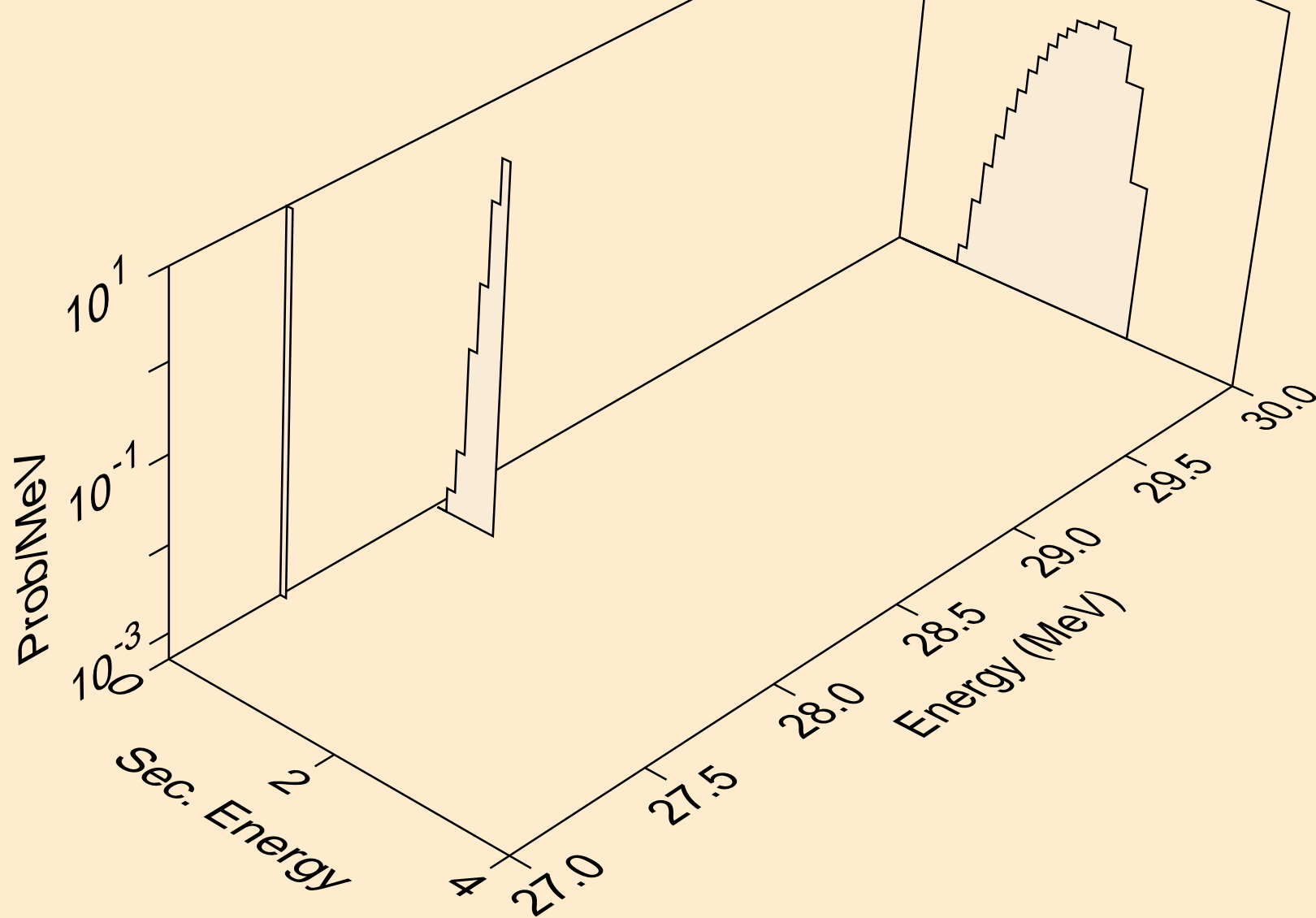
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protons from (n,p)



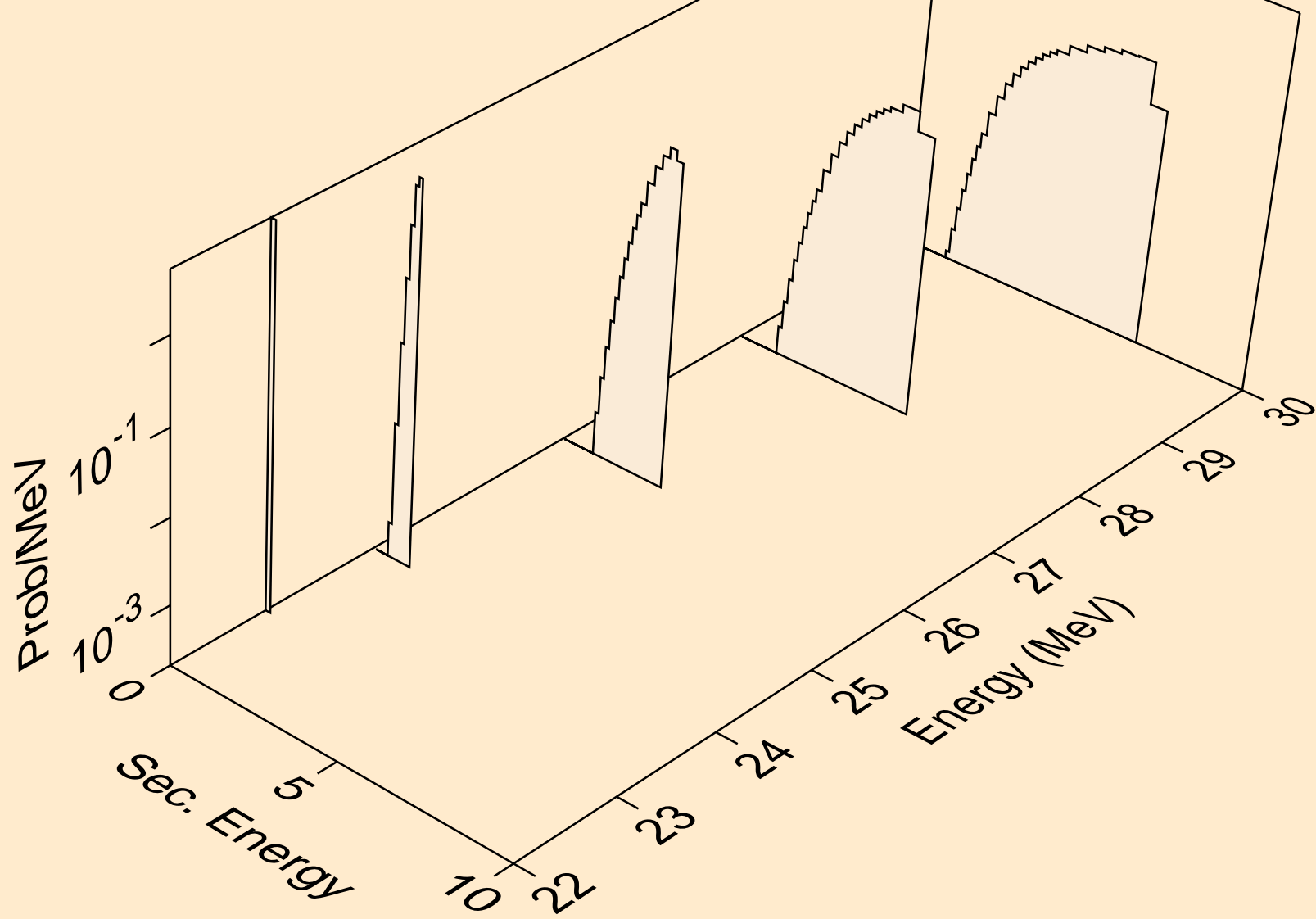
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deuterons from (n,x)



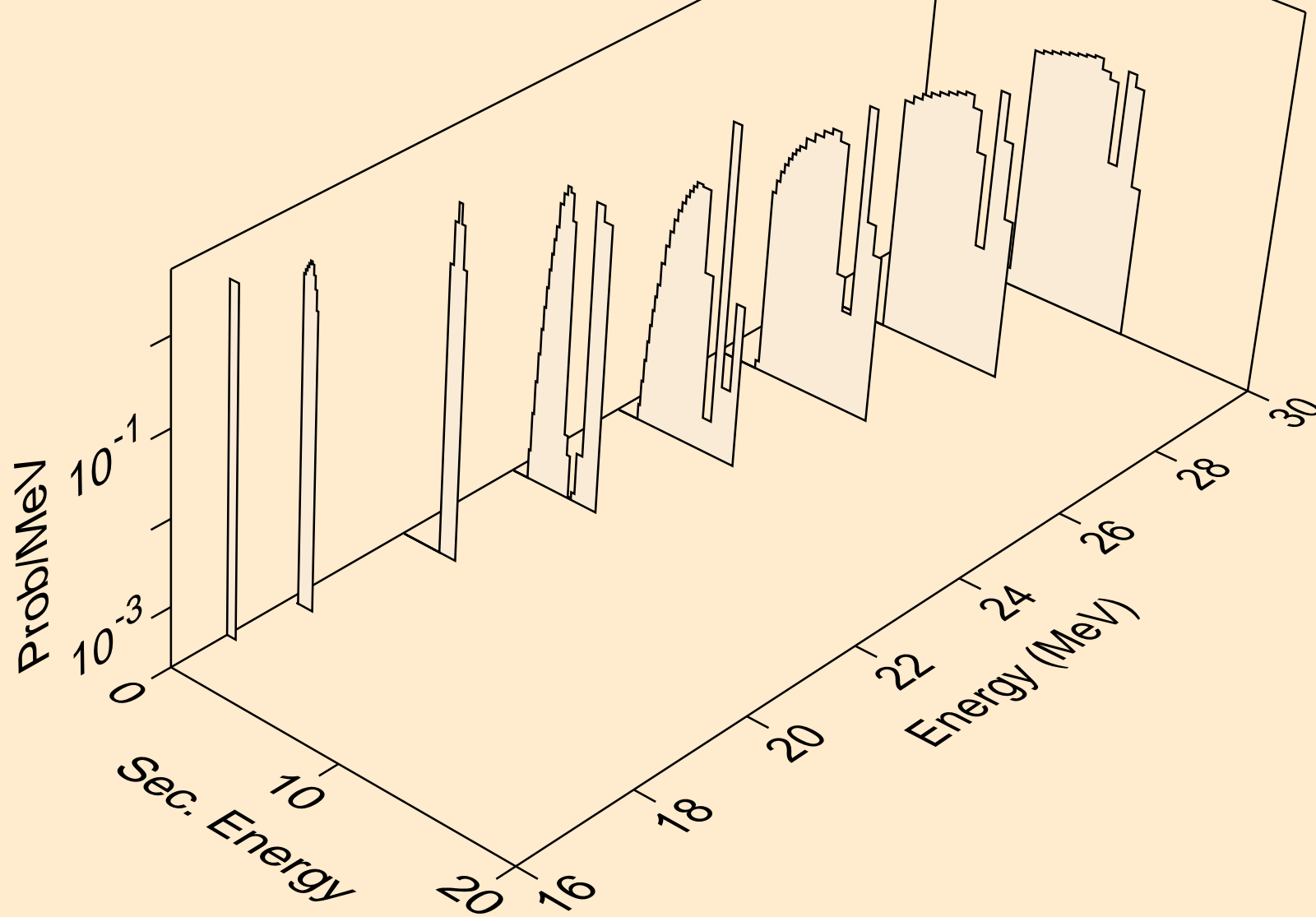
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deuterons from (n,2nd)



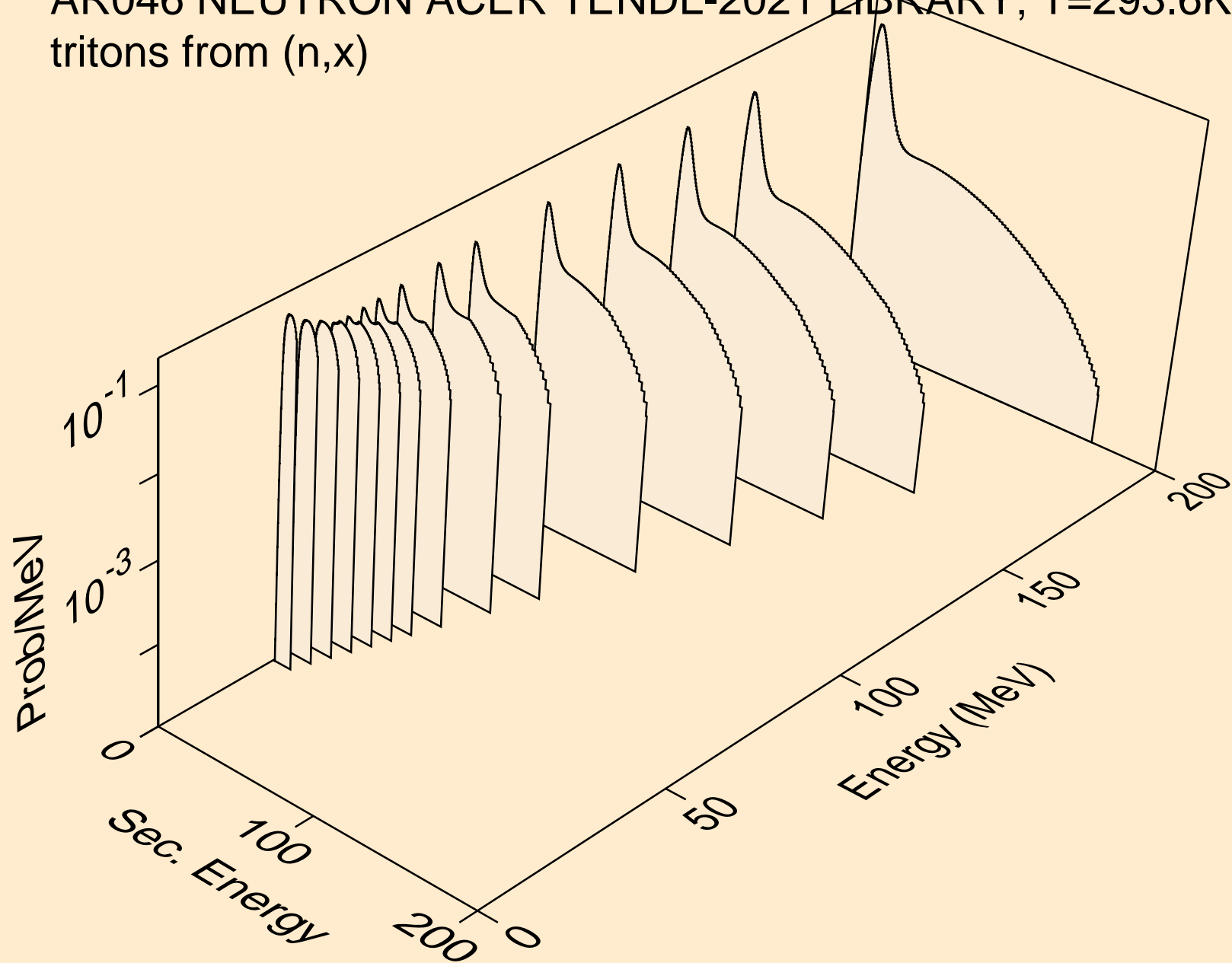
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

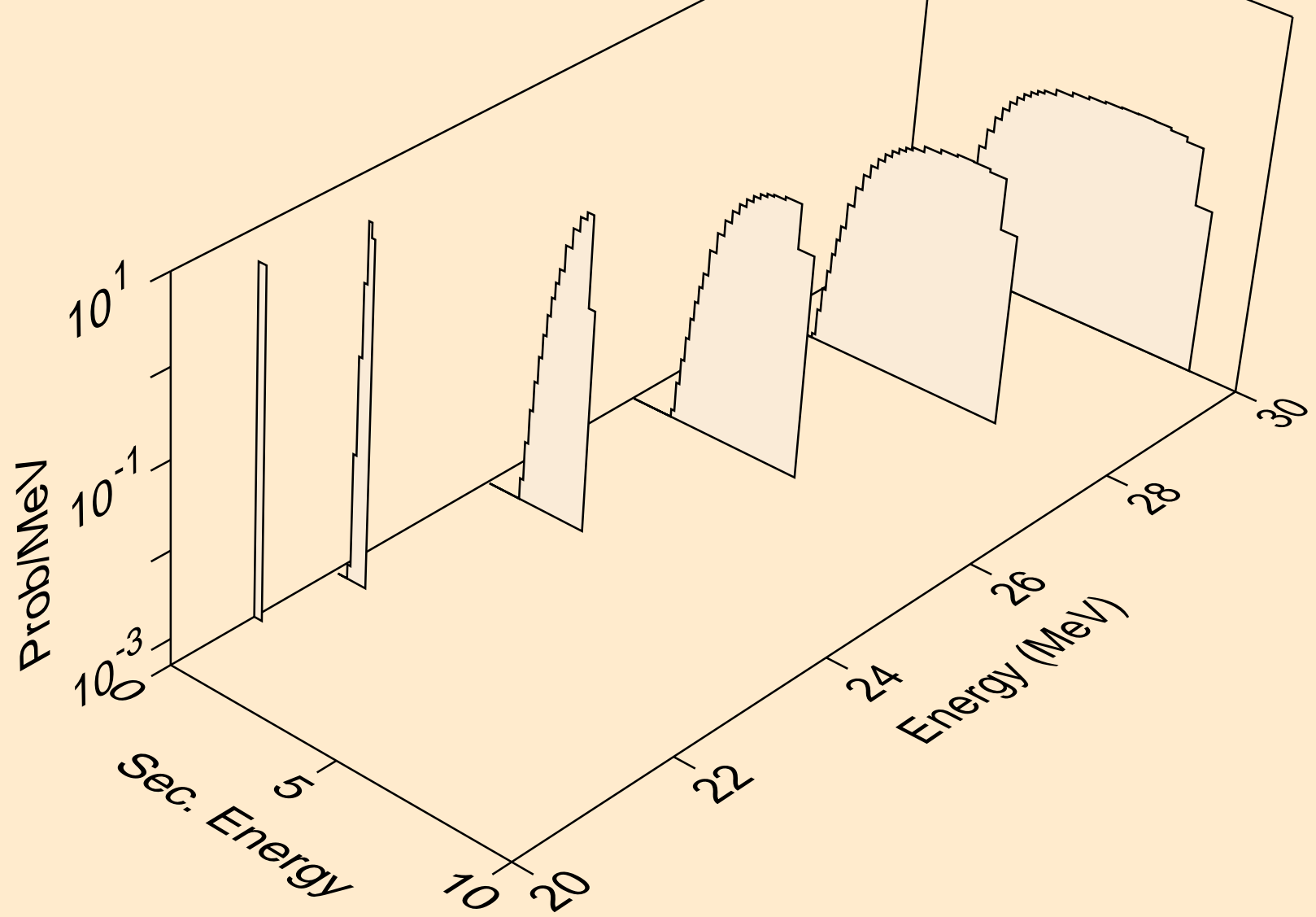


AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

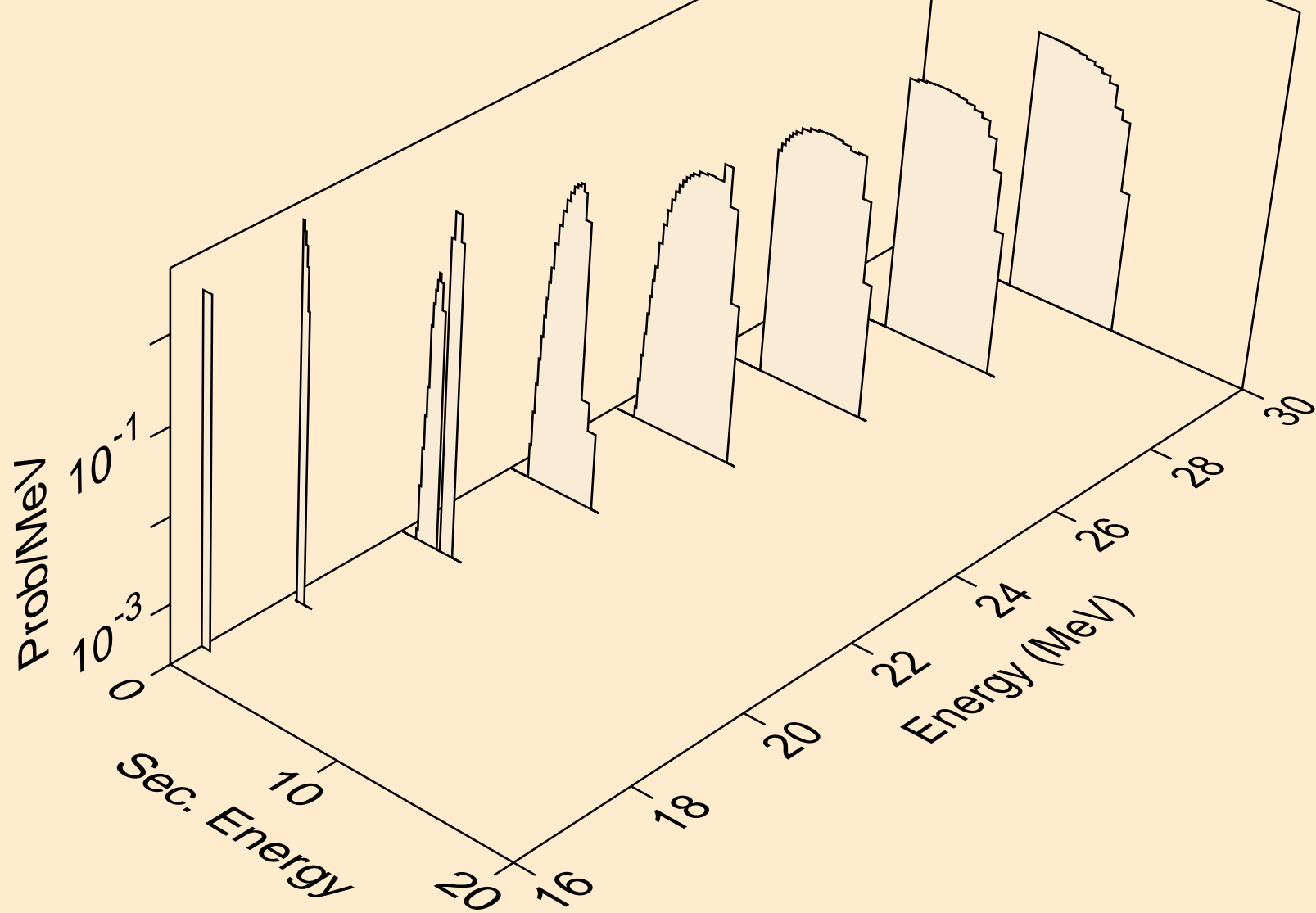




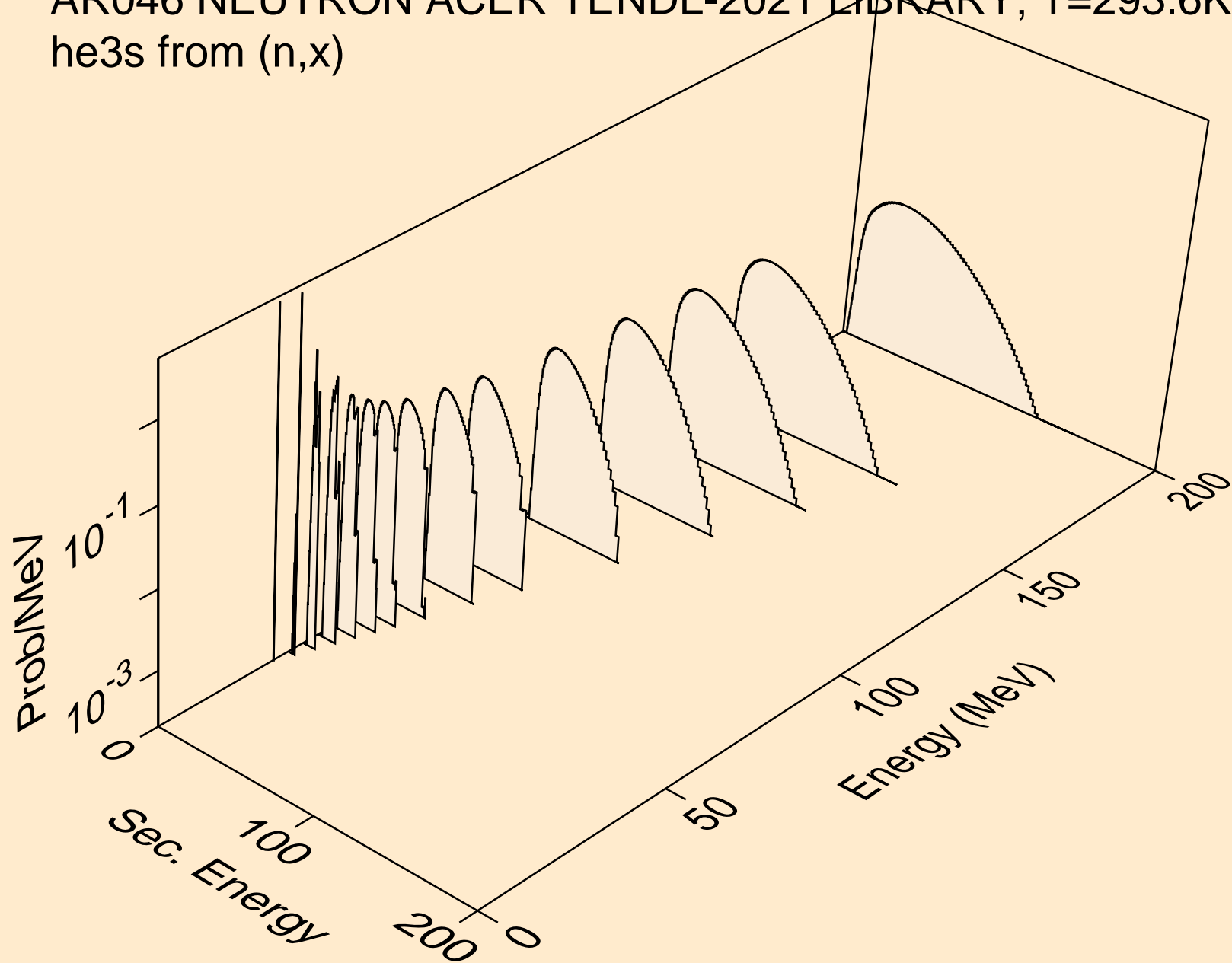
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tritons from (n,n\*)t



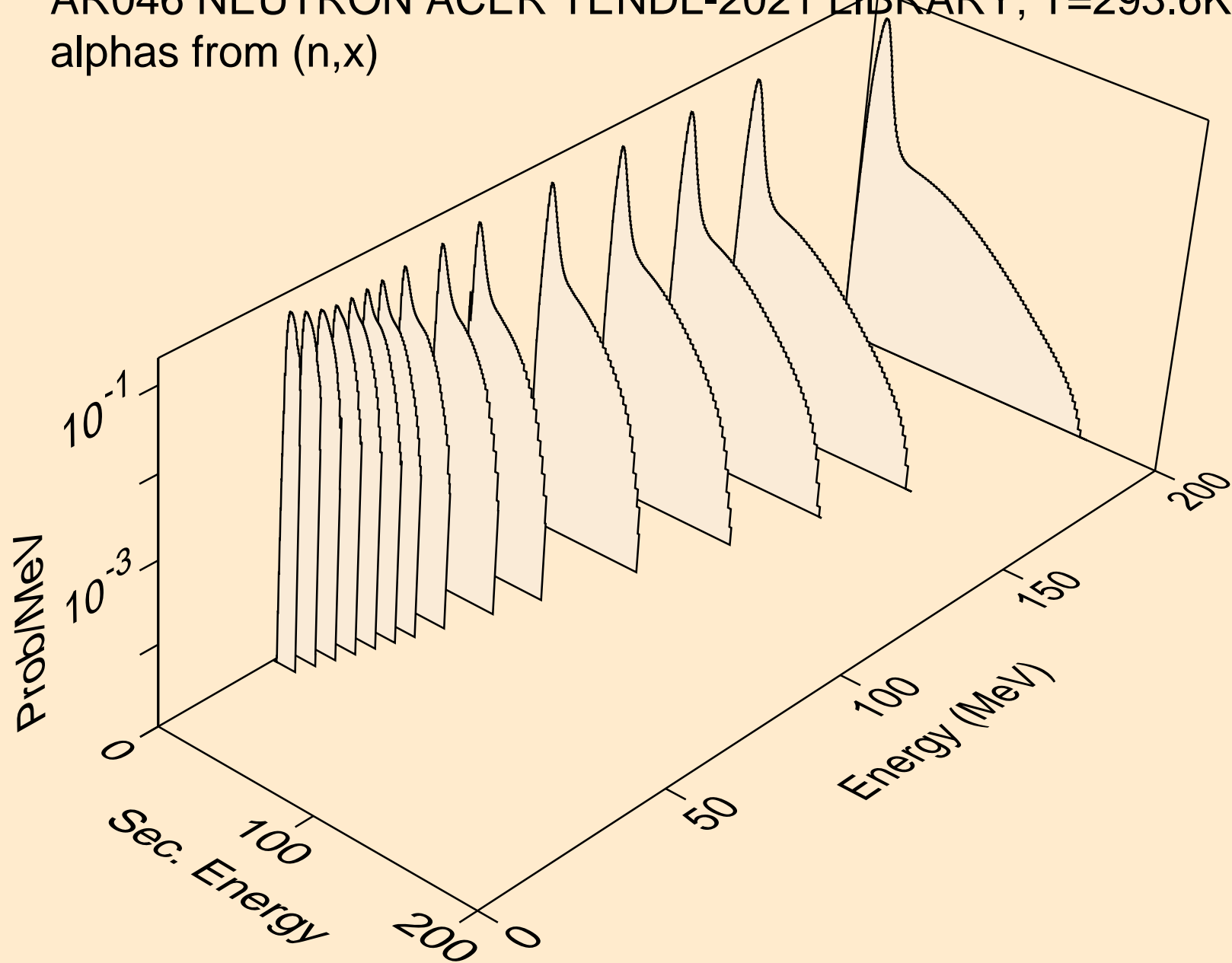
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tritons from (n,t)



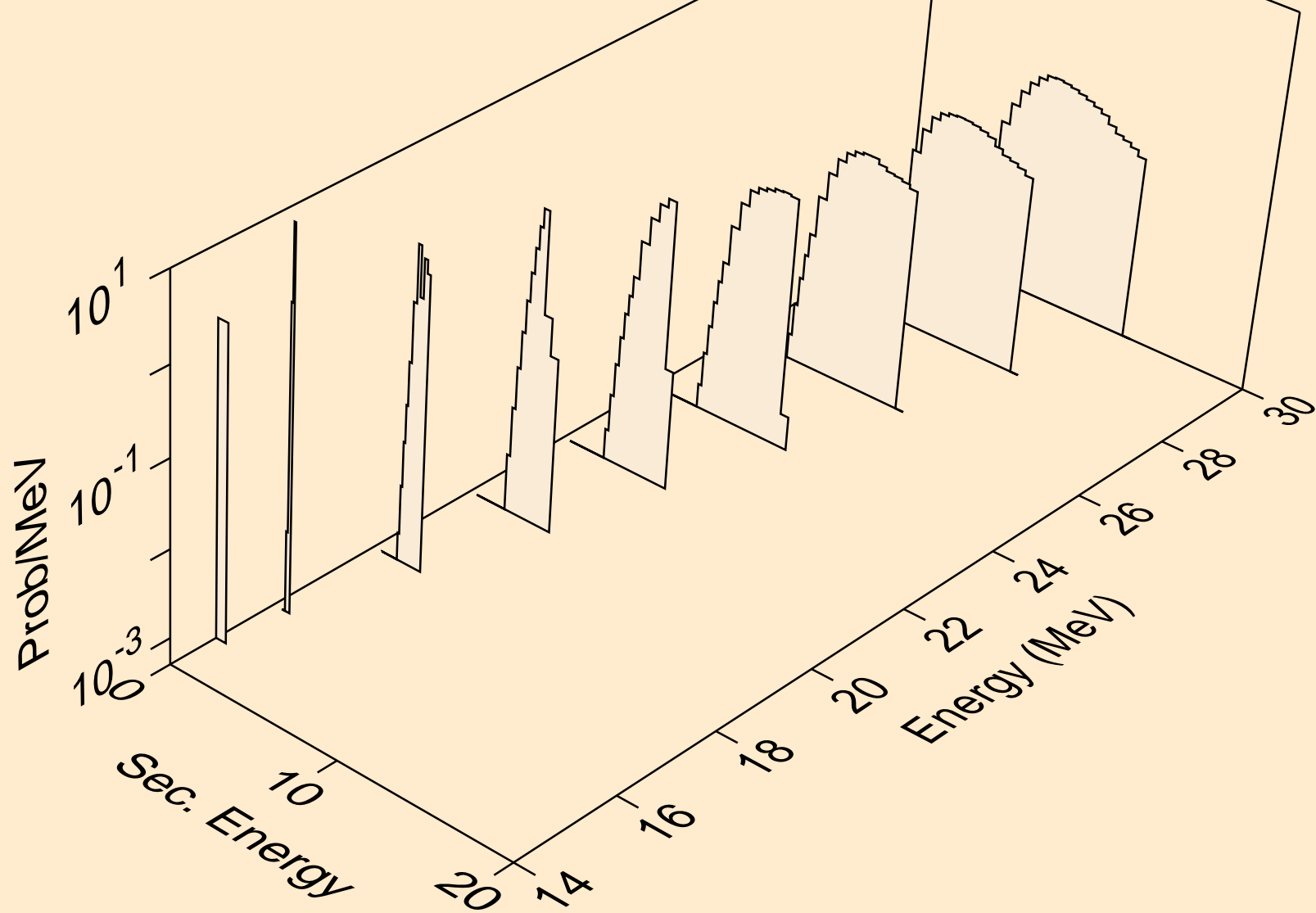
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he3s from (n,x)



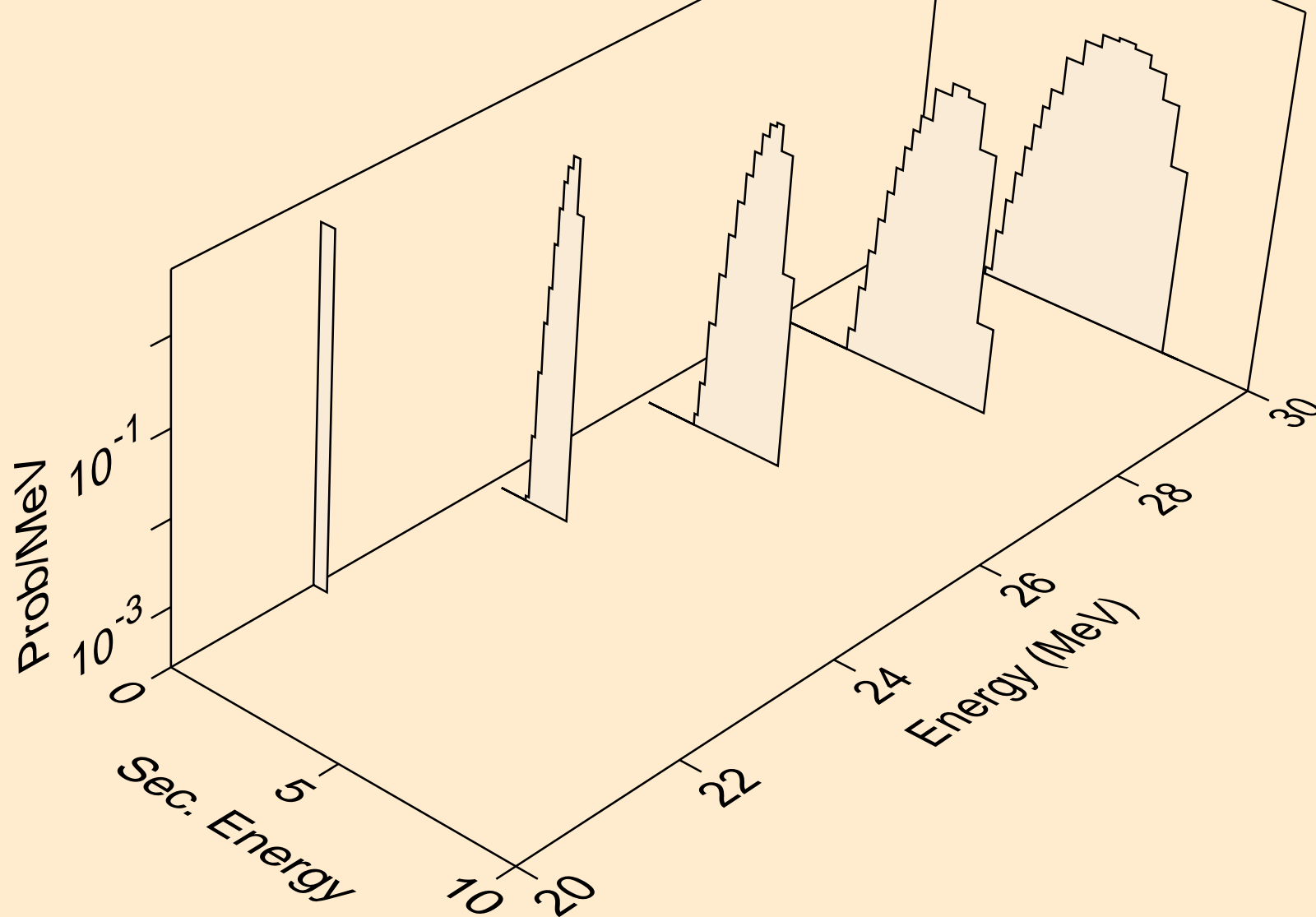
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alphas from (n,x)



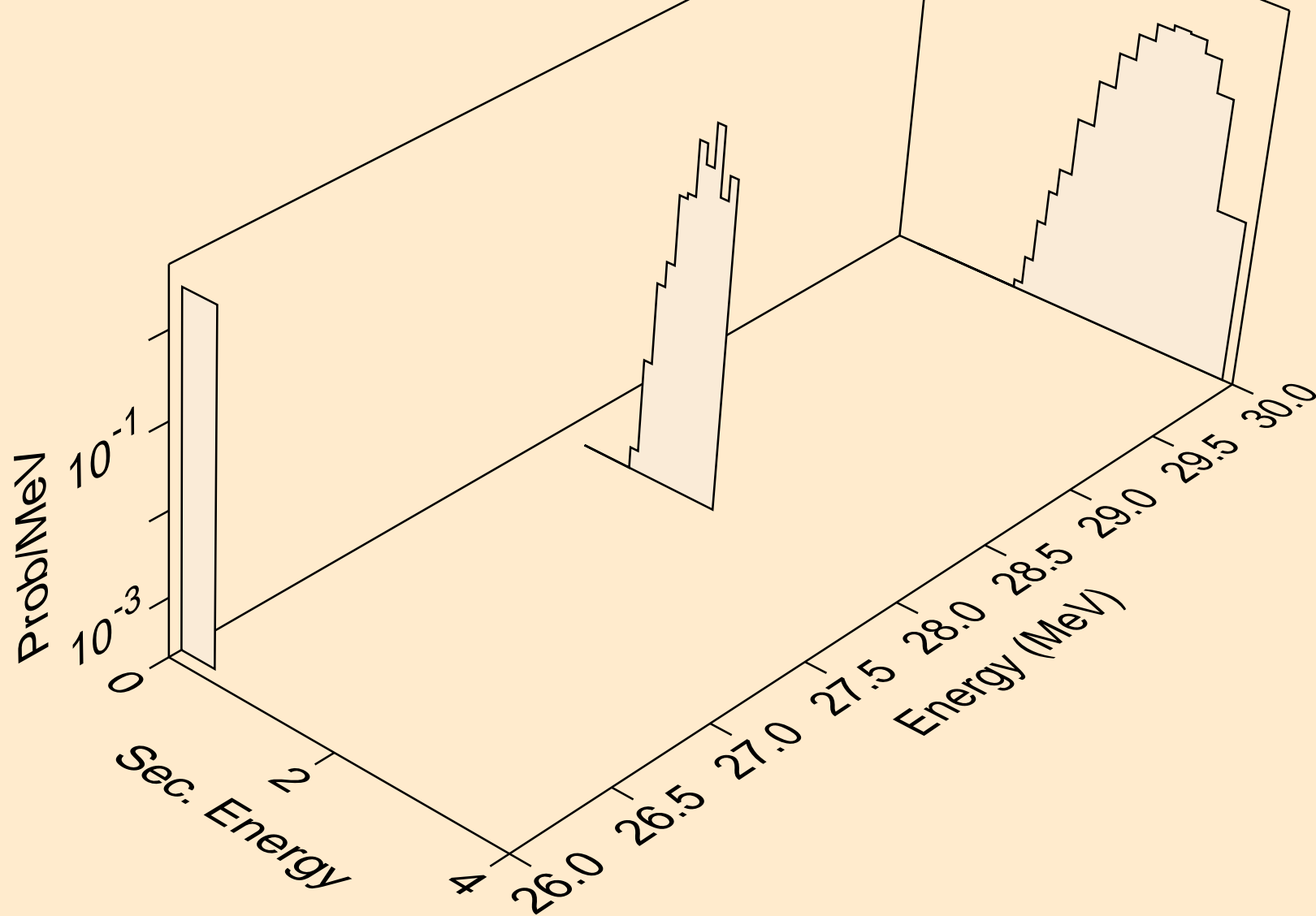
AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



AR046 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

