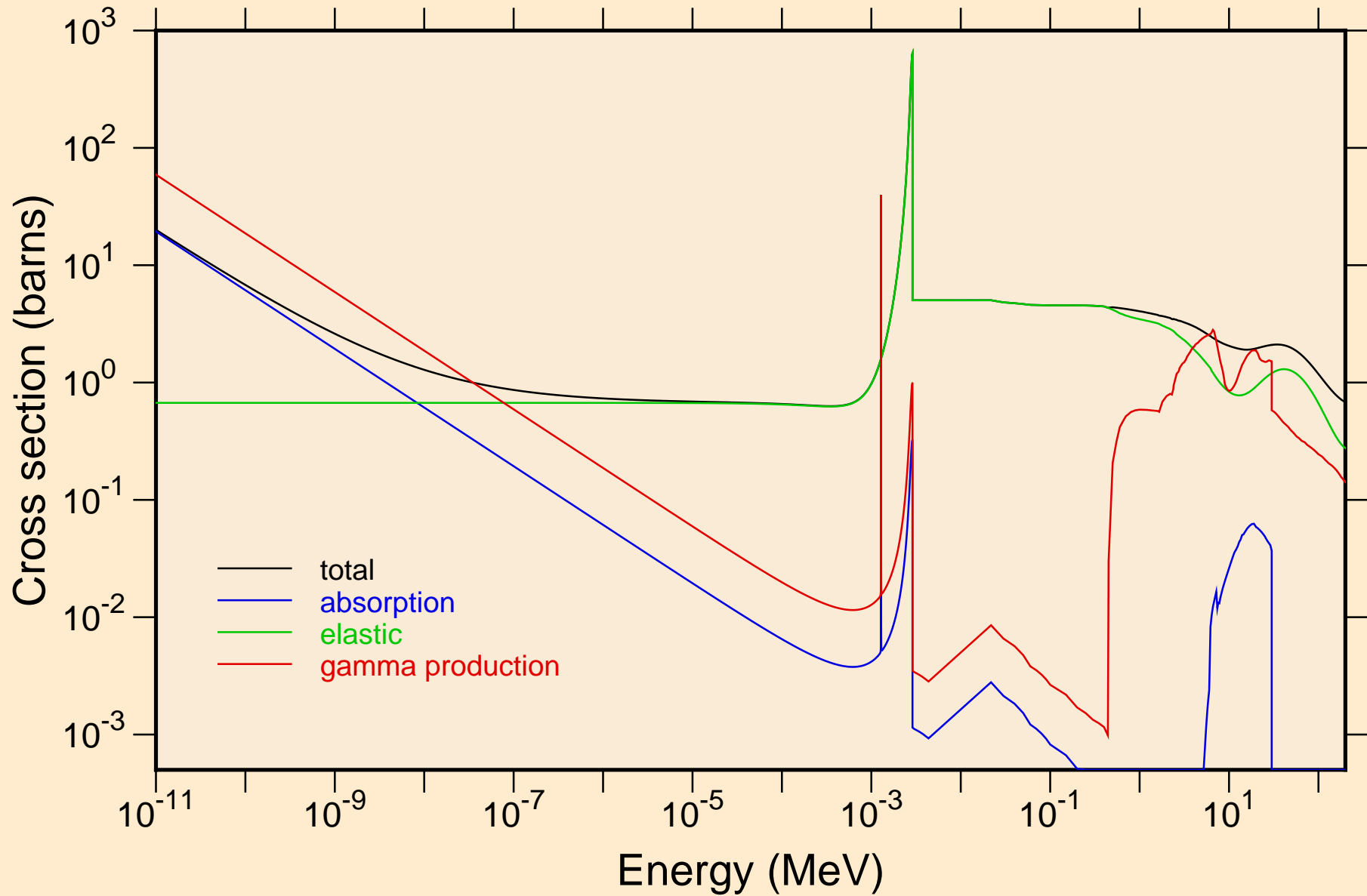


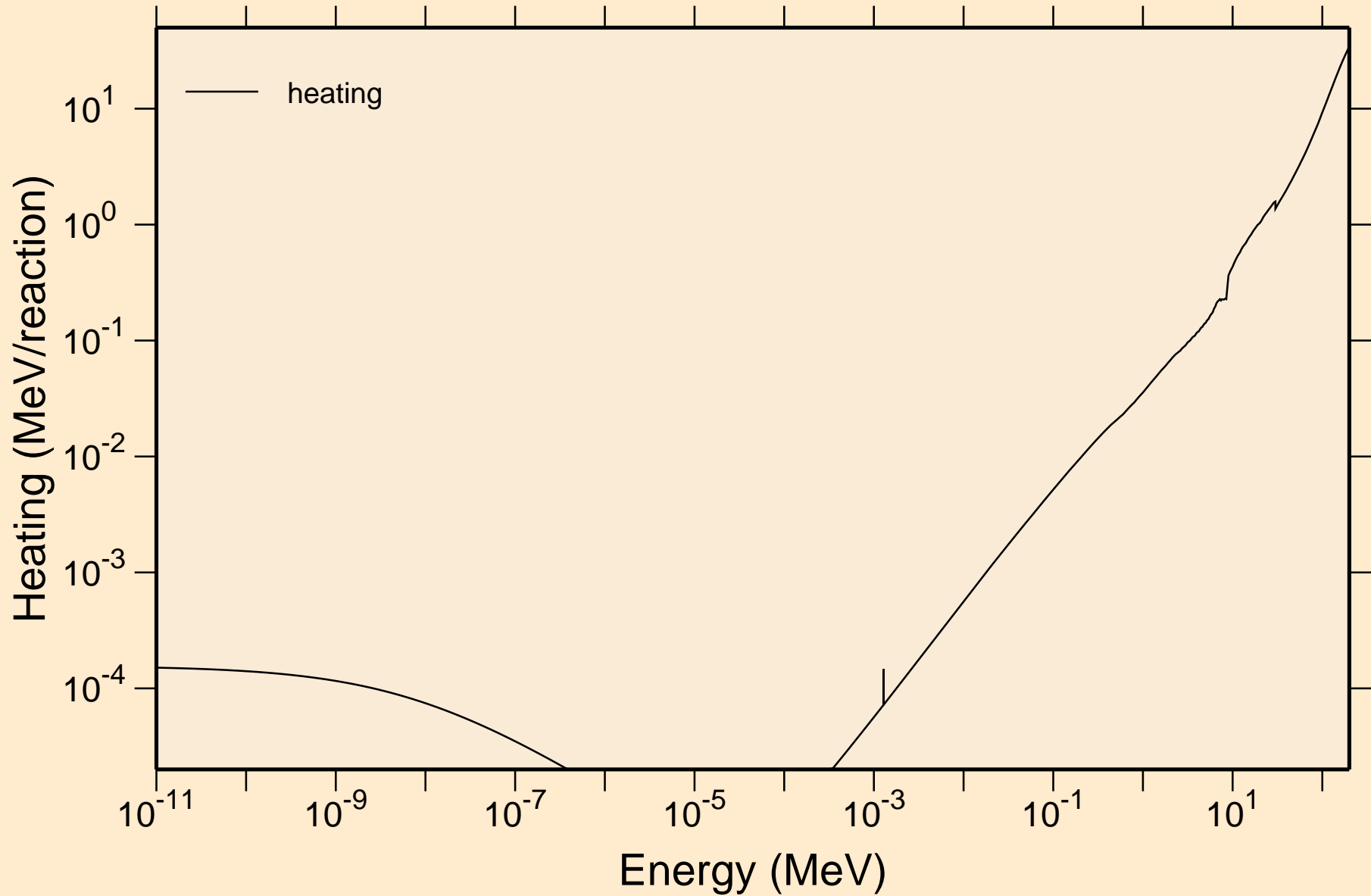
# P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

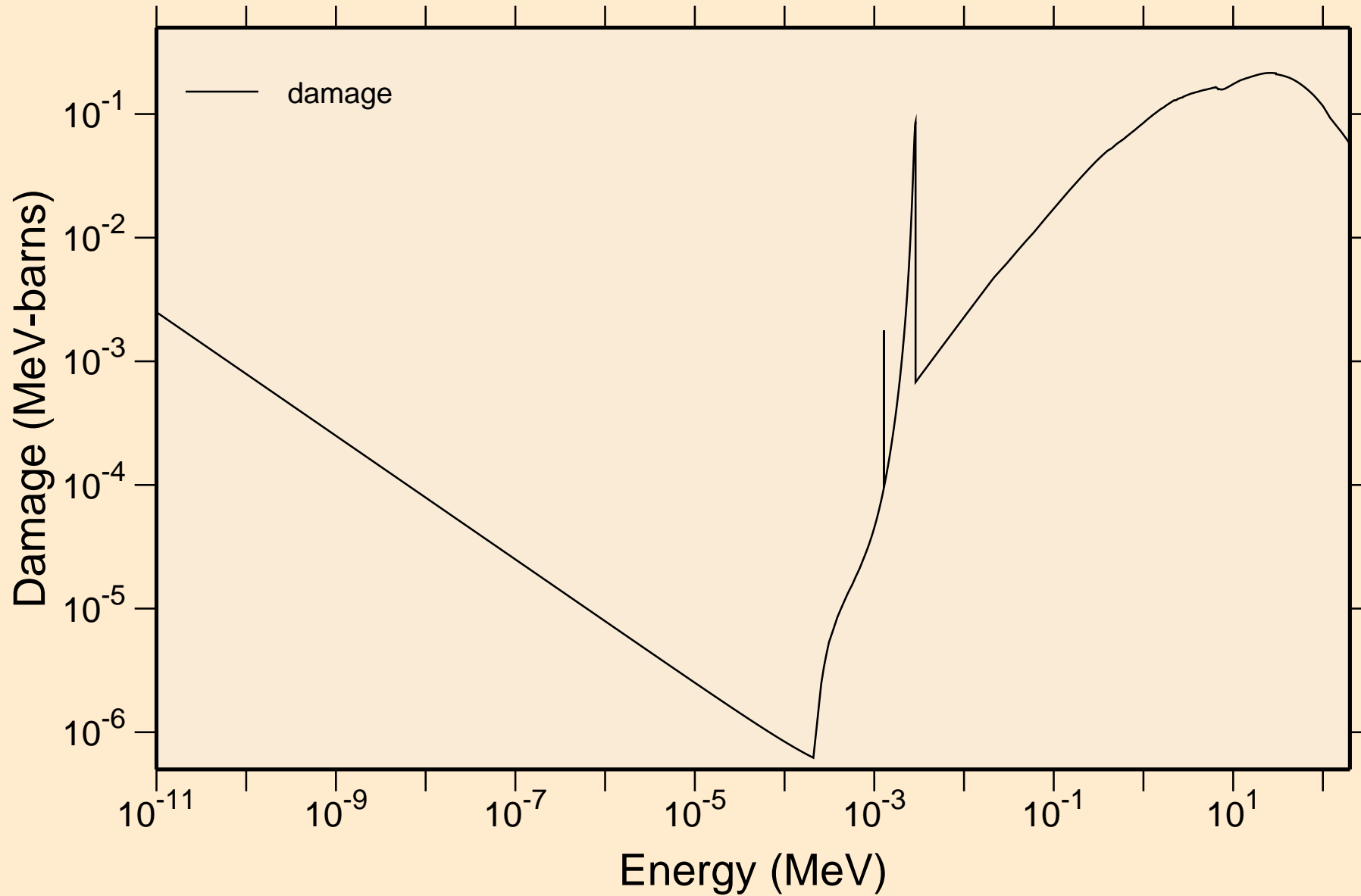


# P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

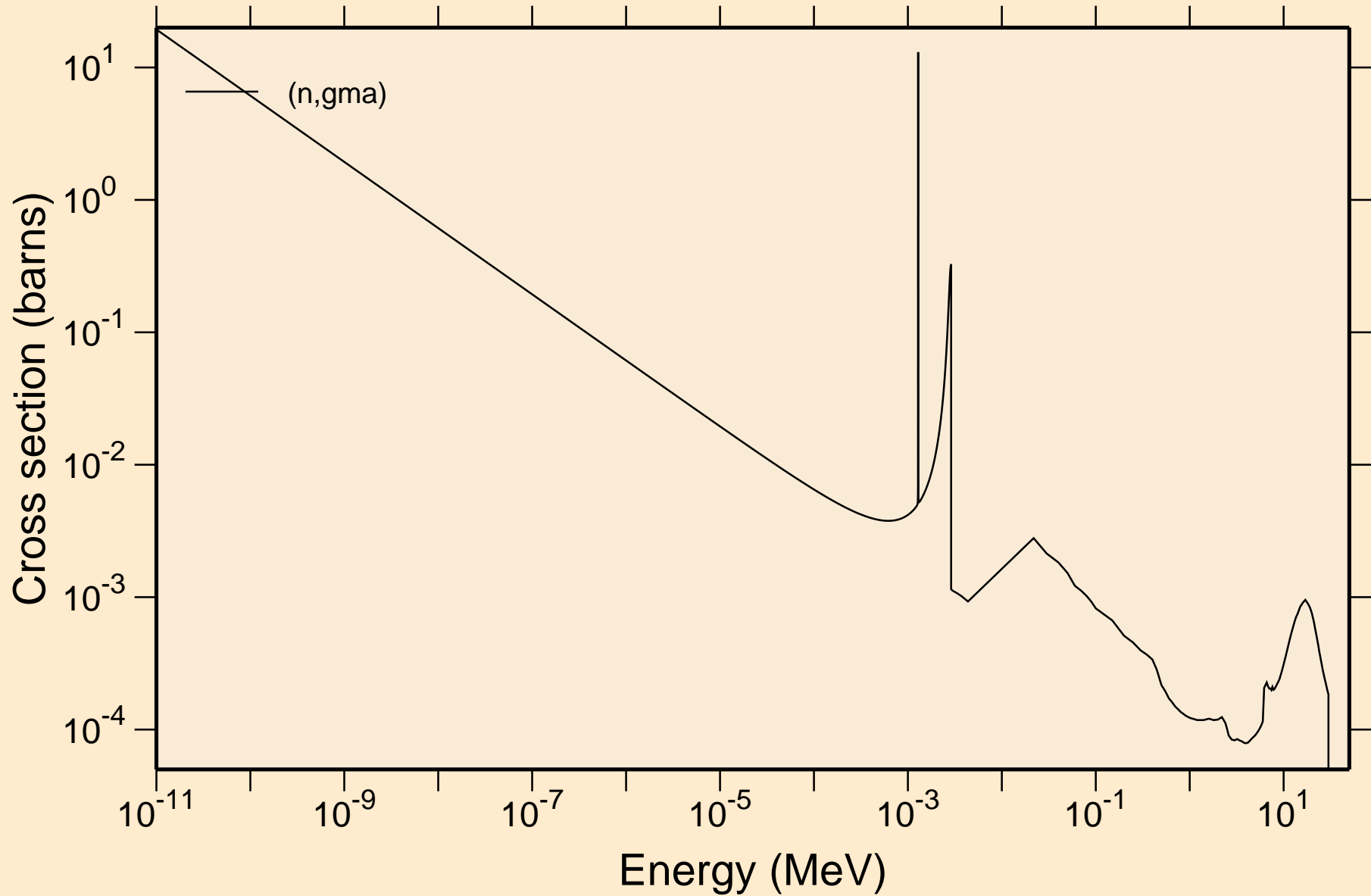
## Heating



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

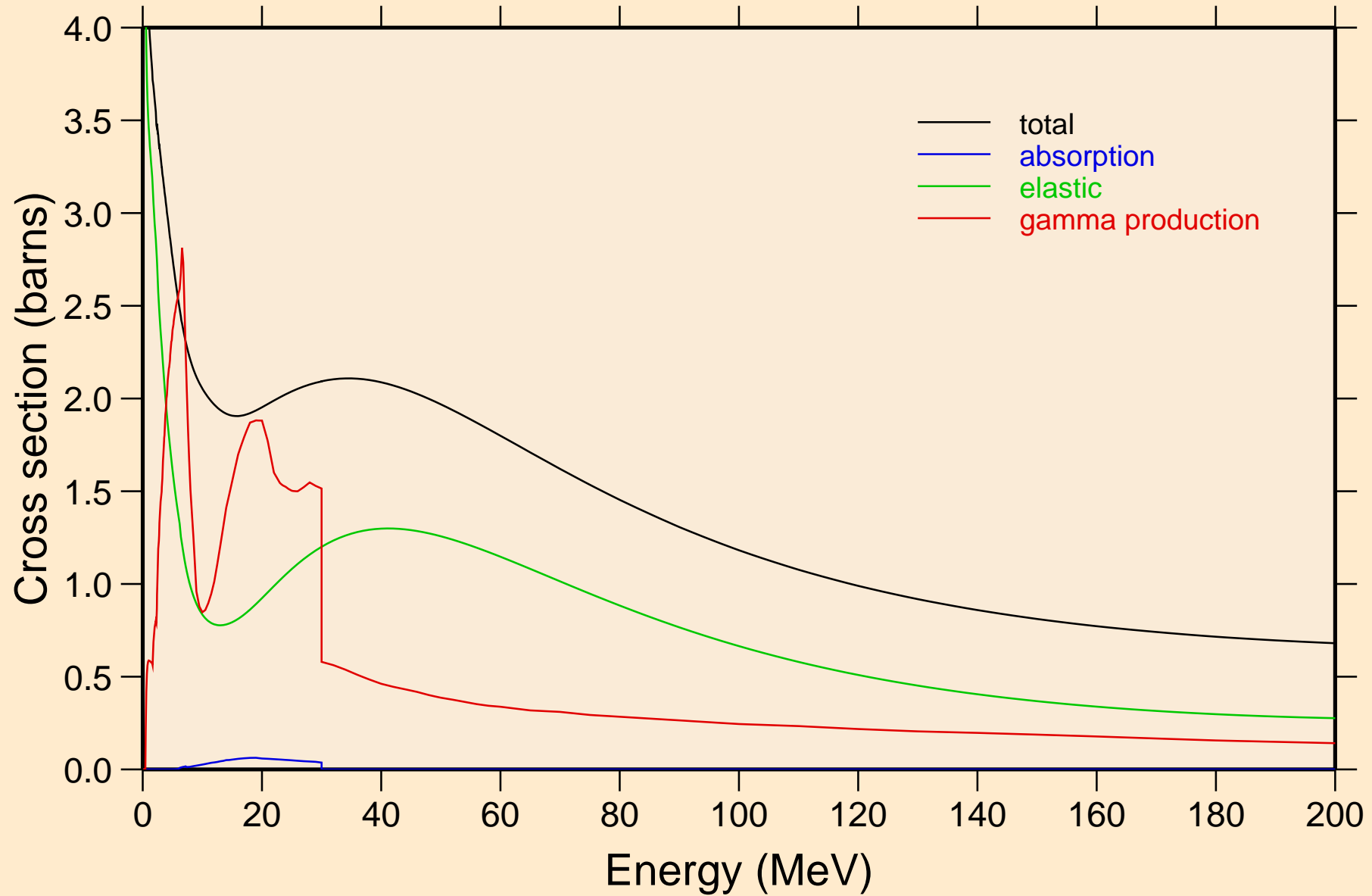


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



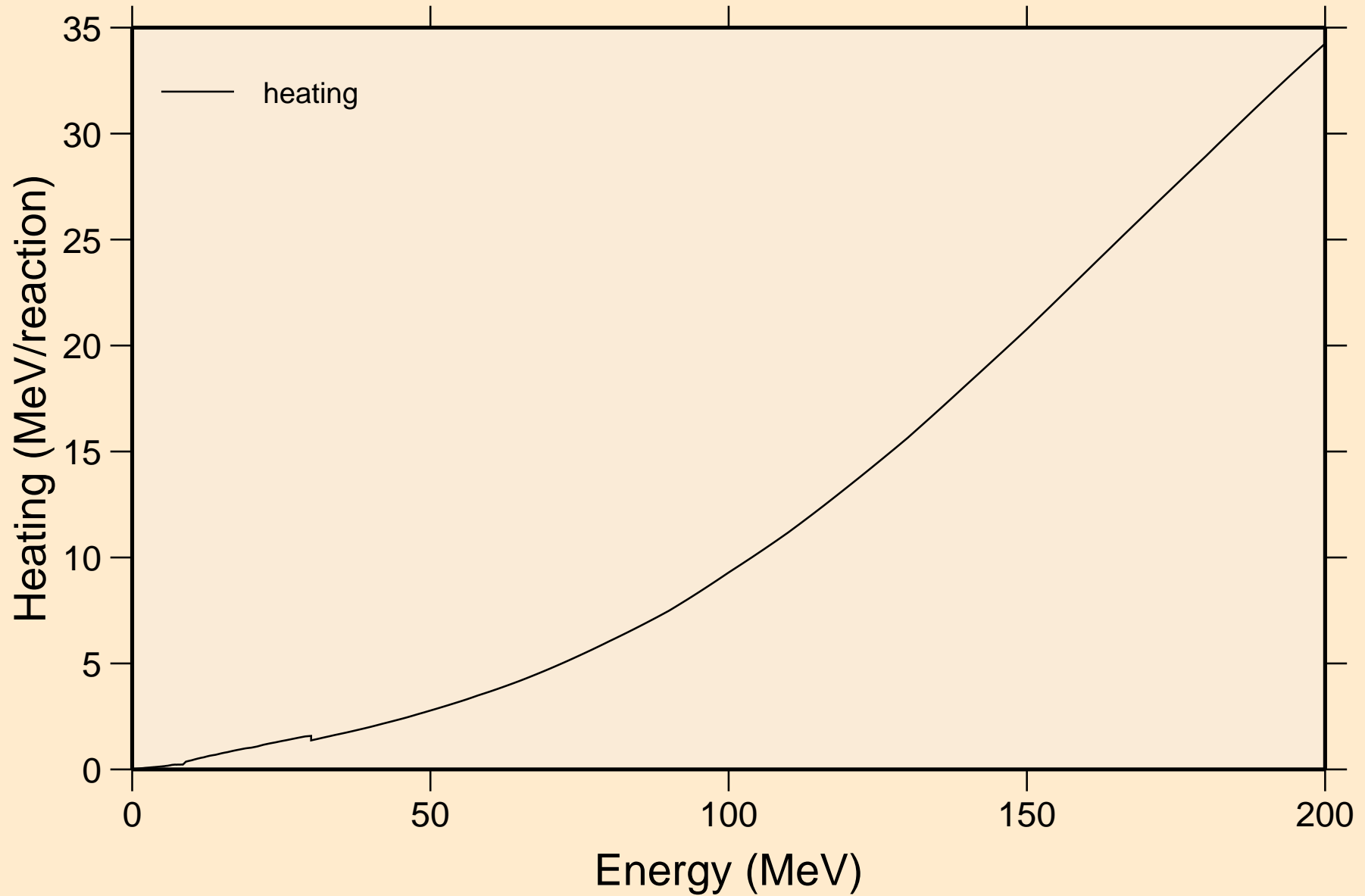
# P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

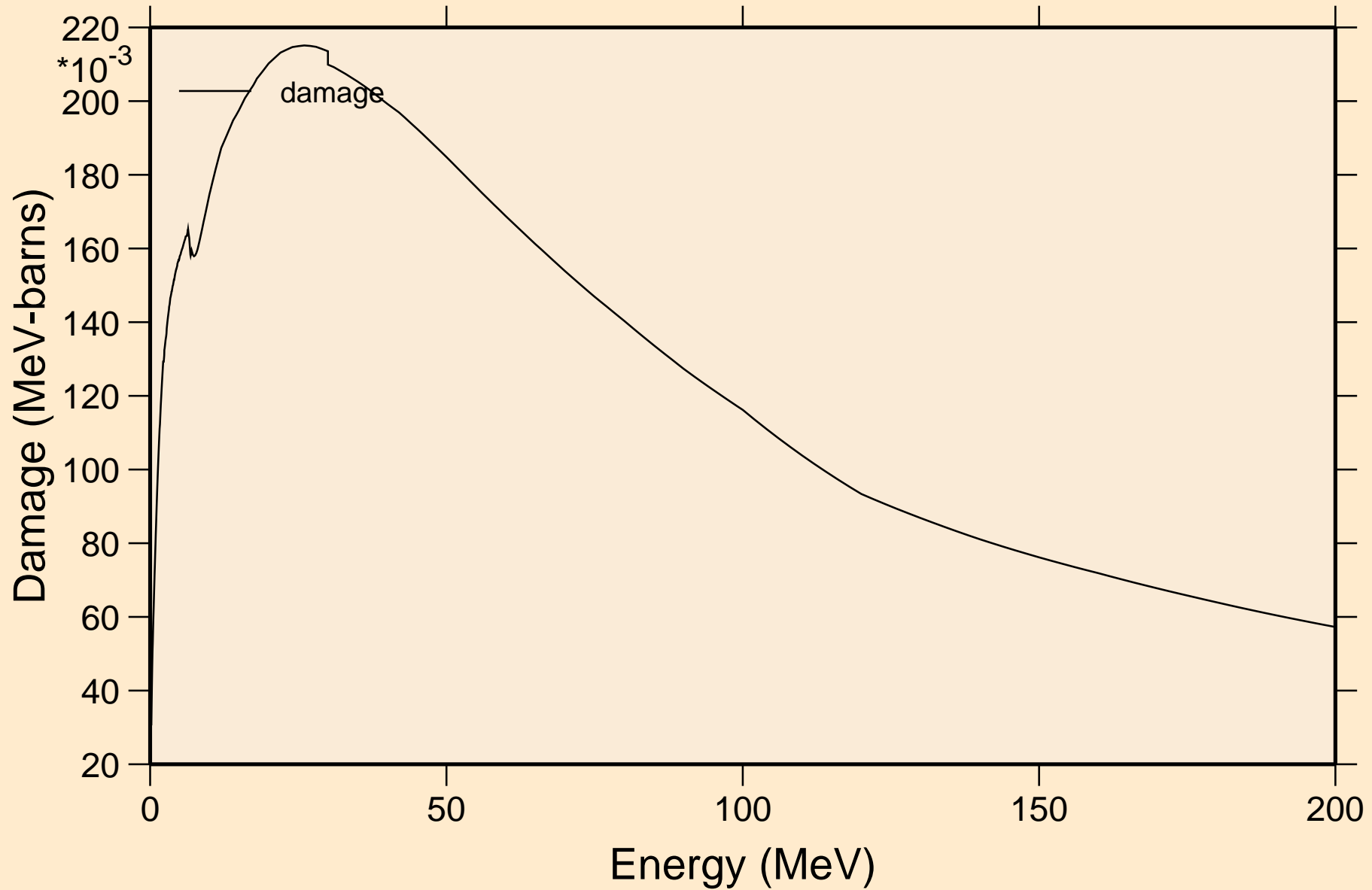


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

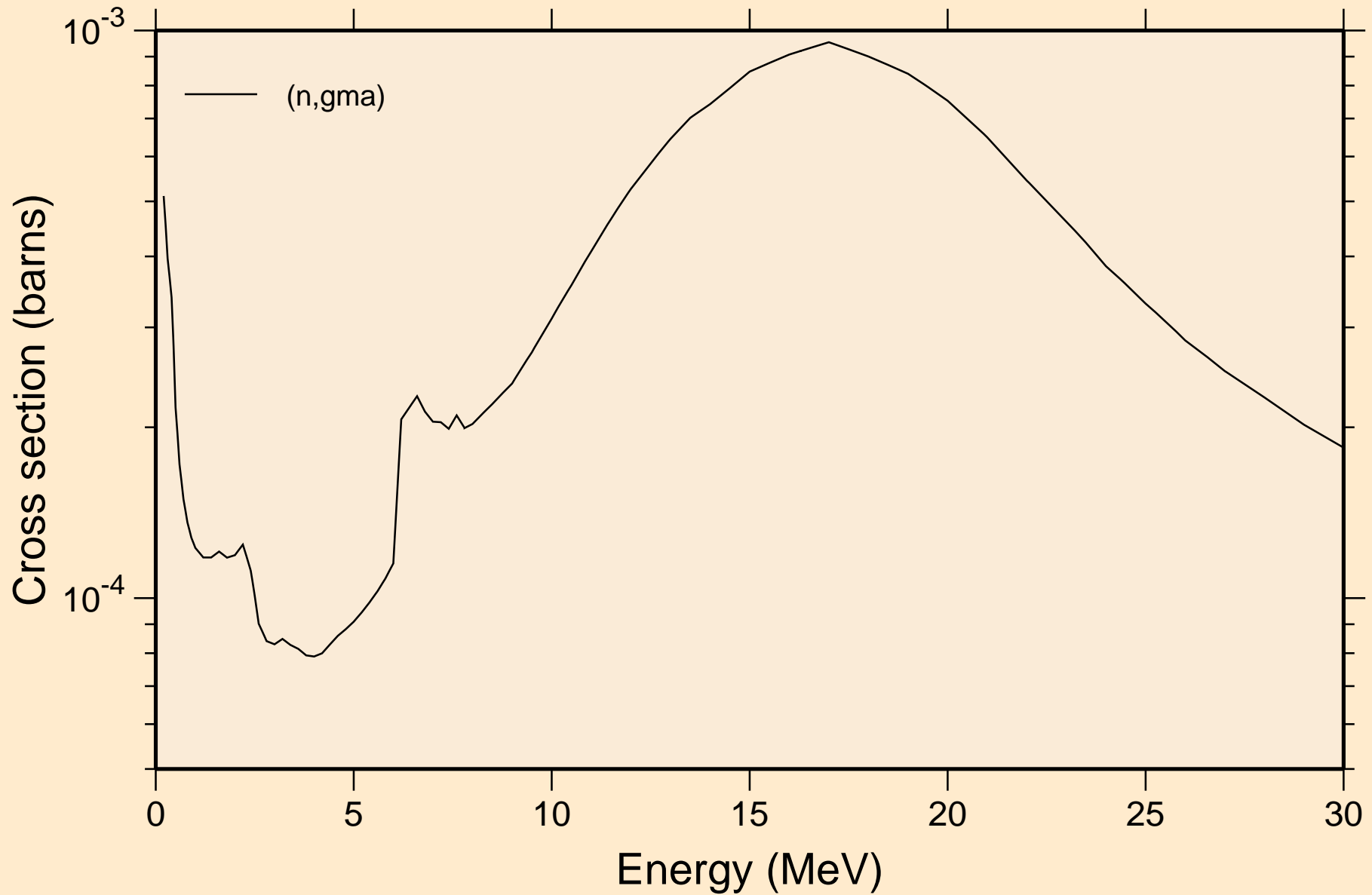
Heating



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

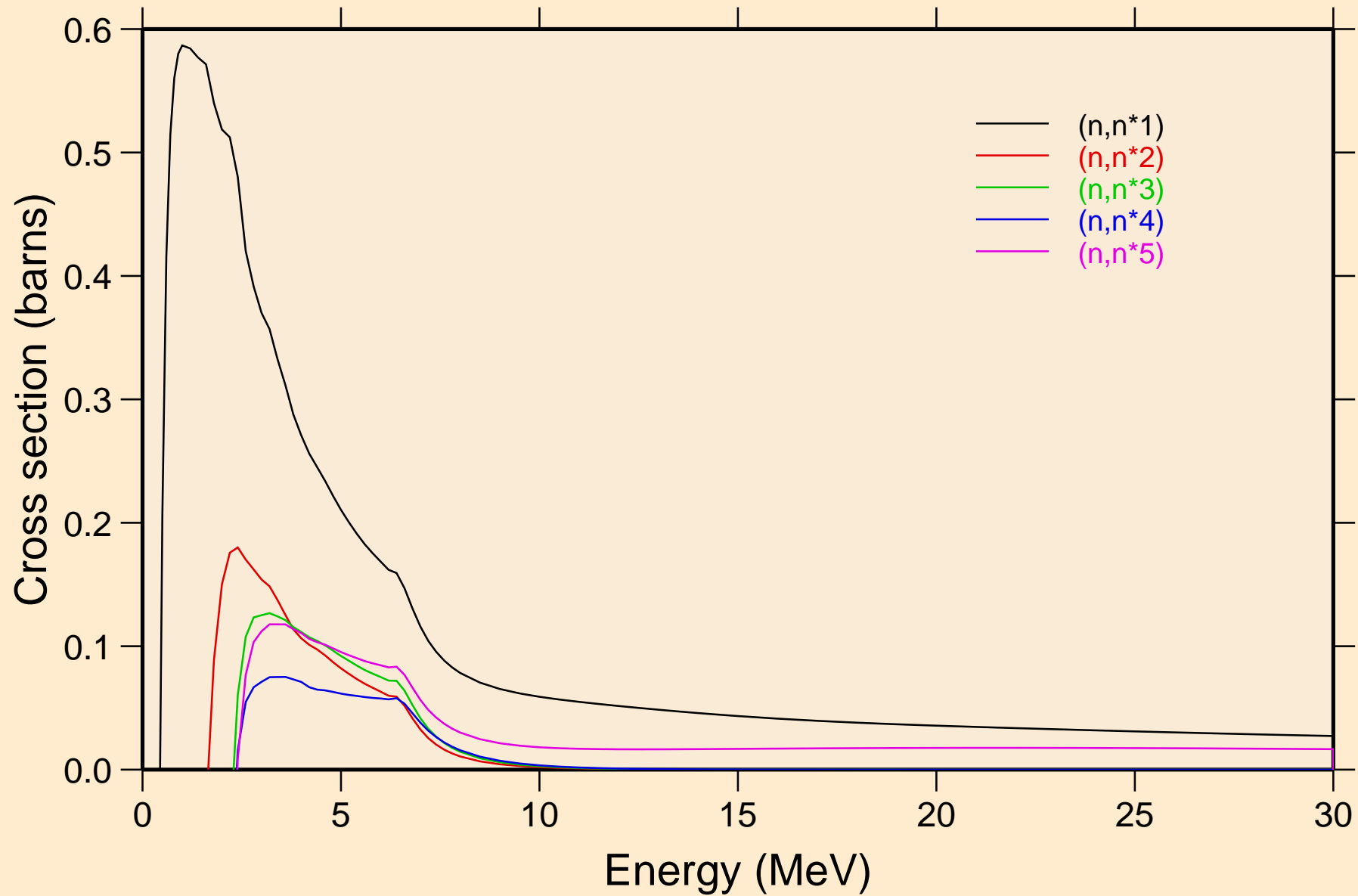


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

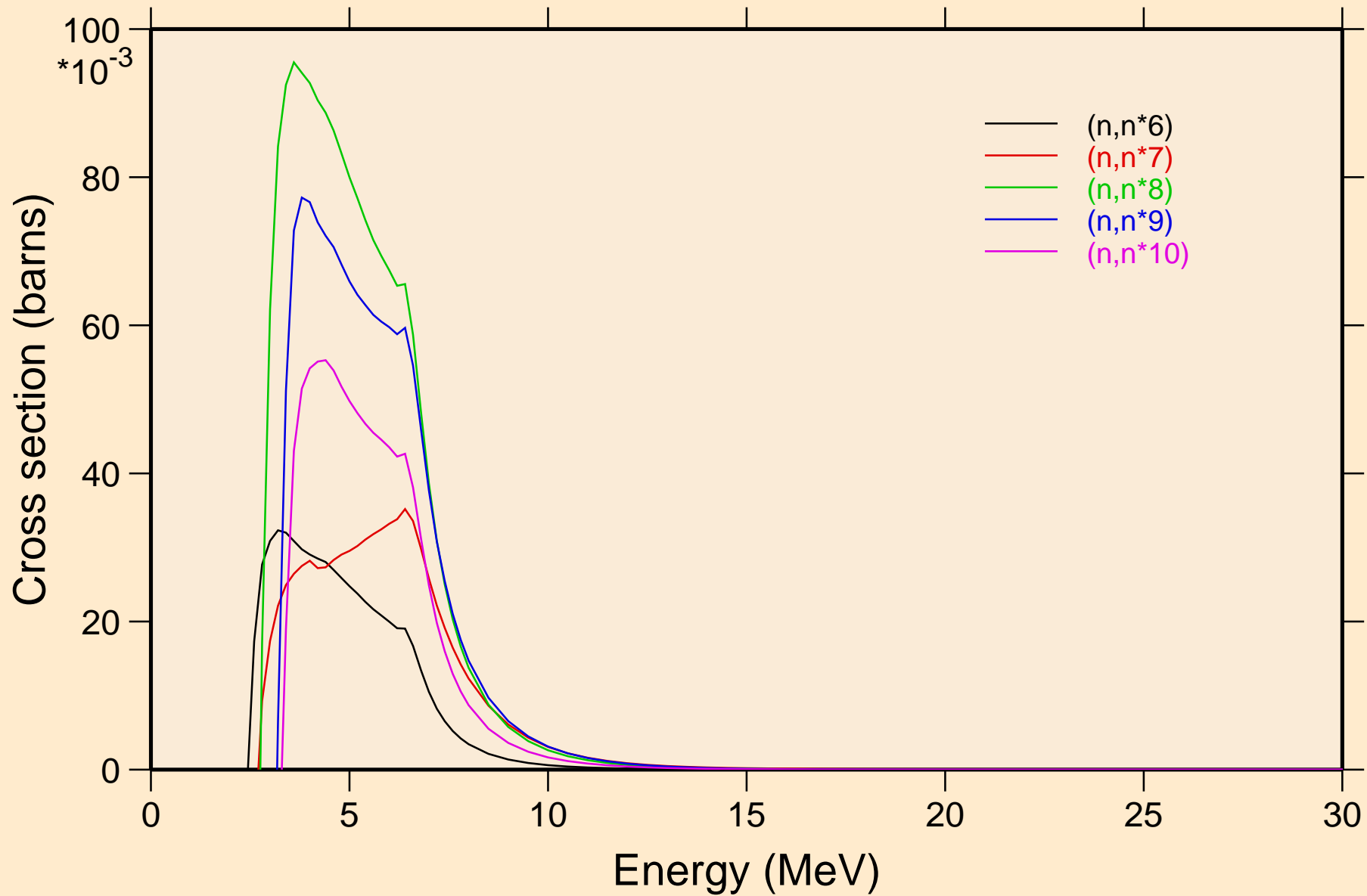




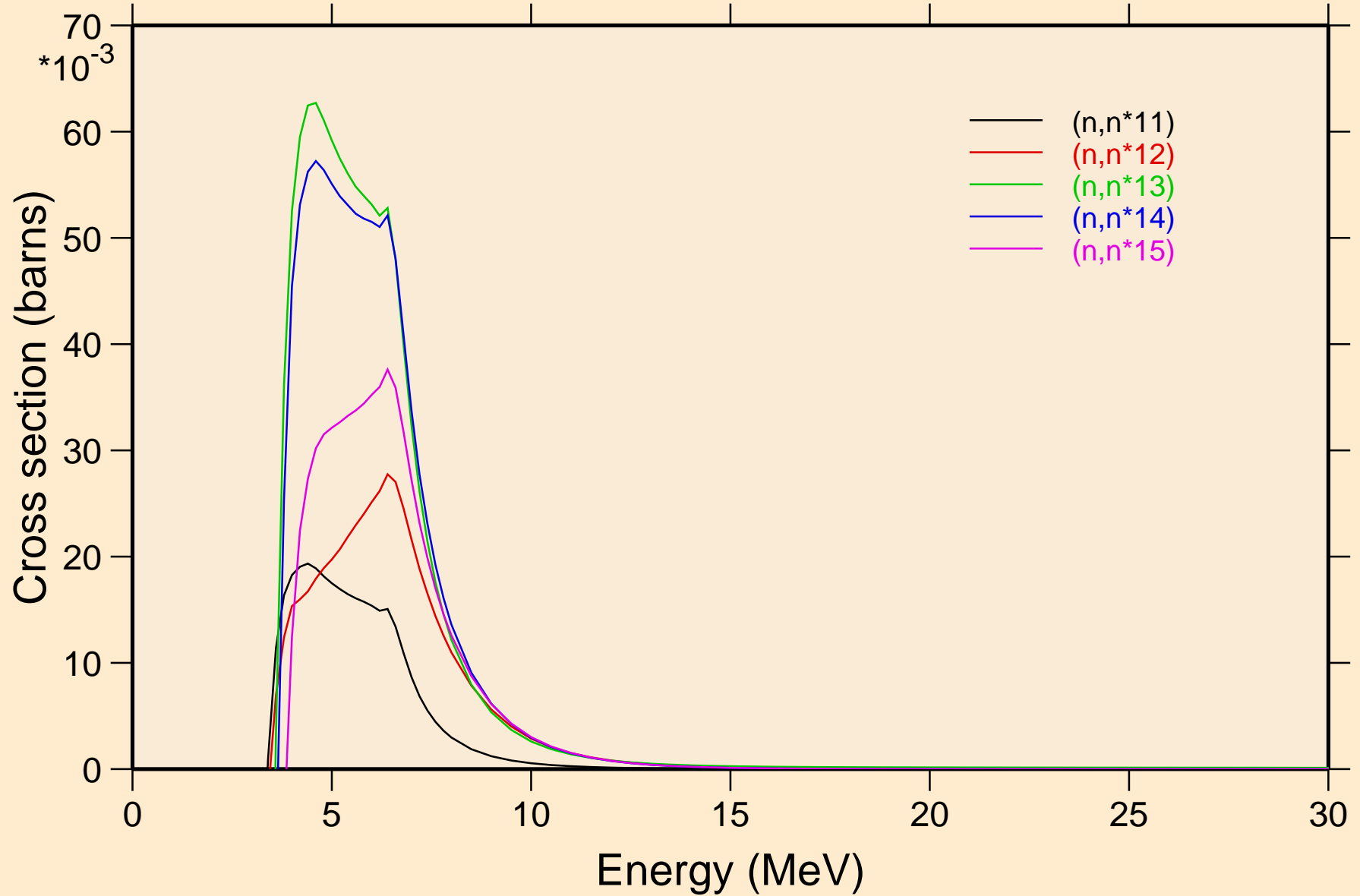
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



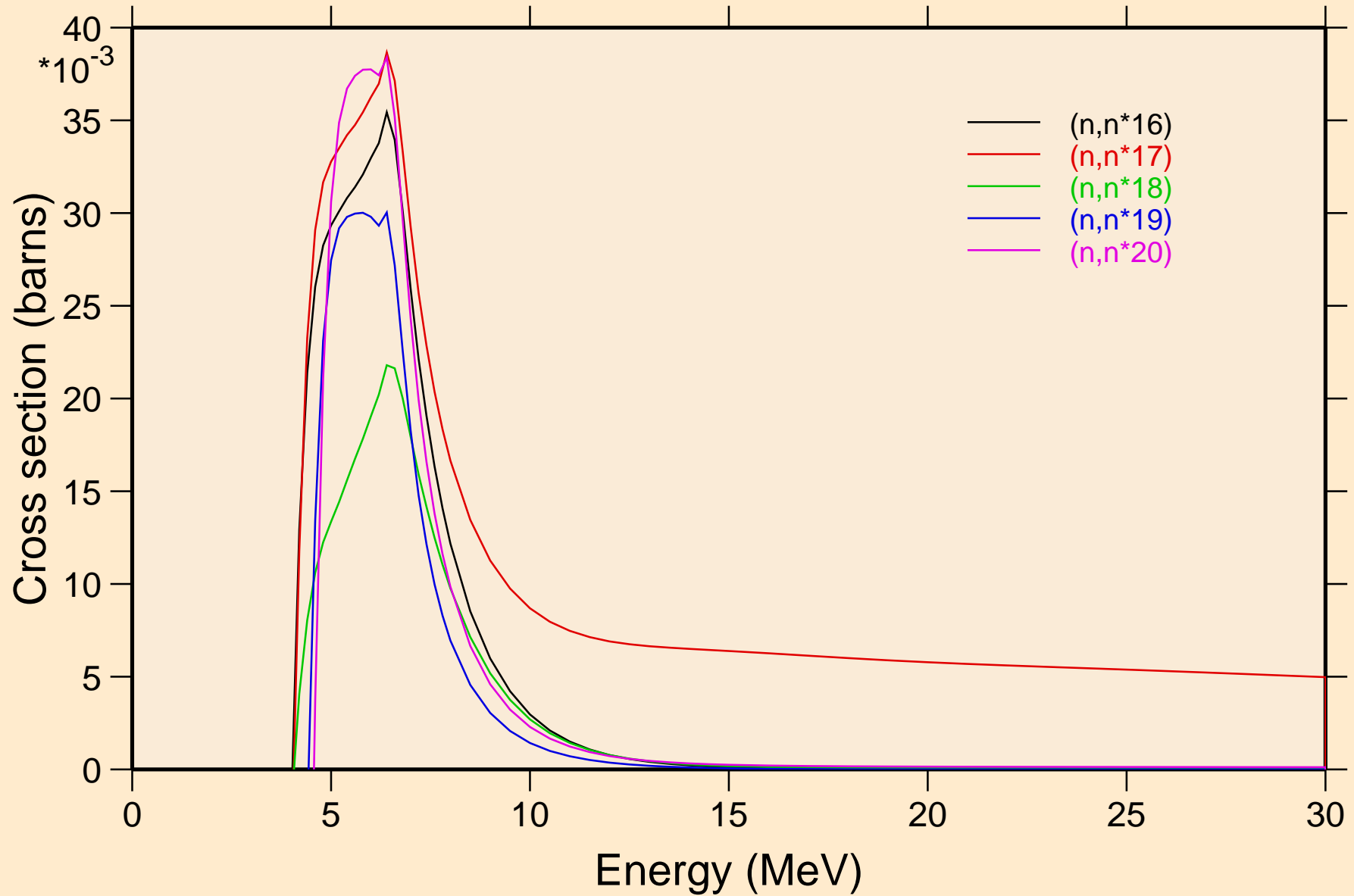
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



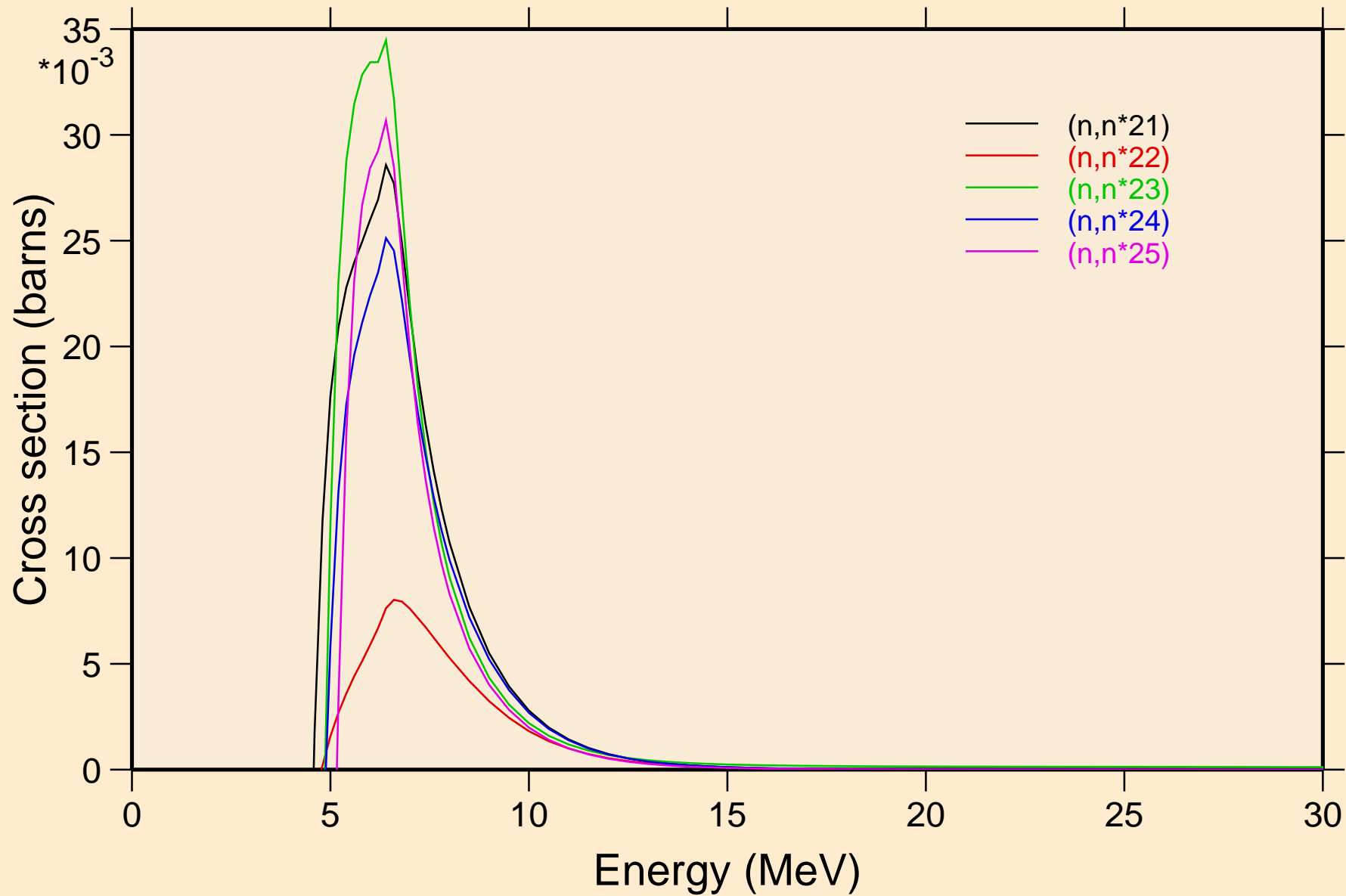
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



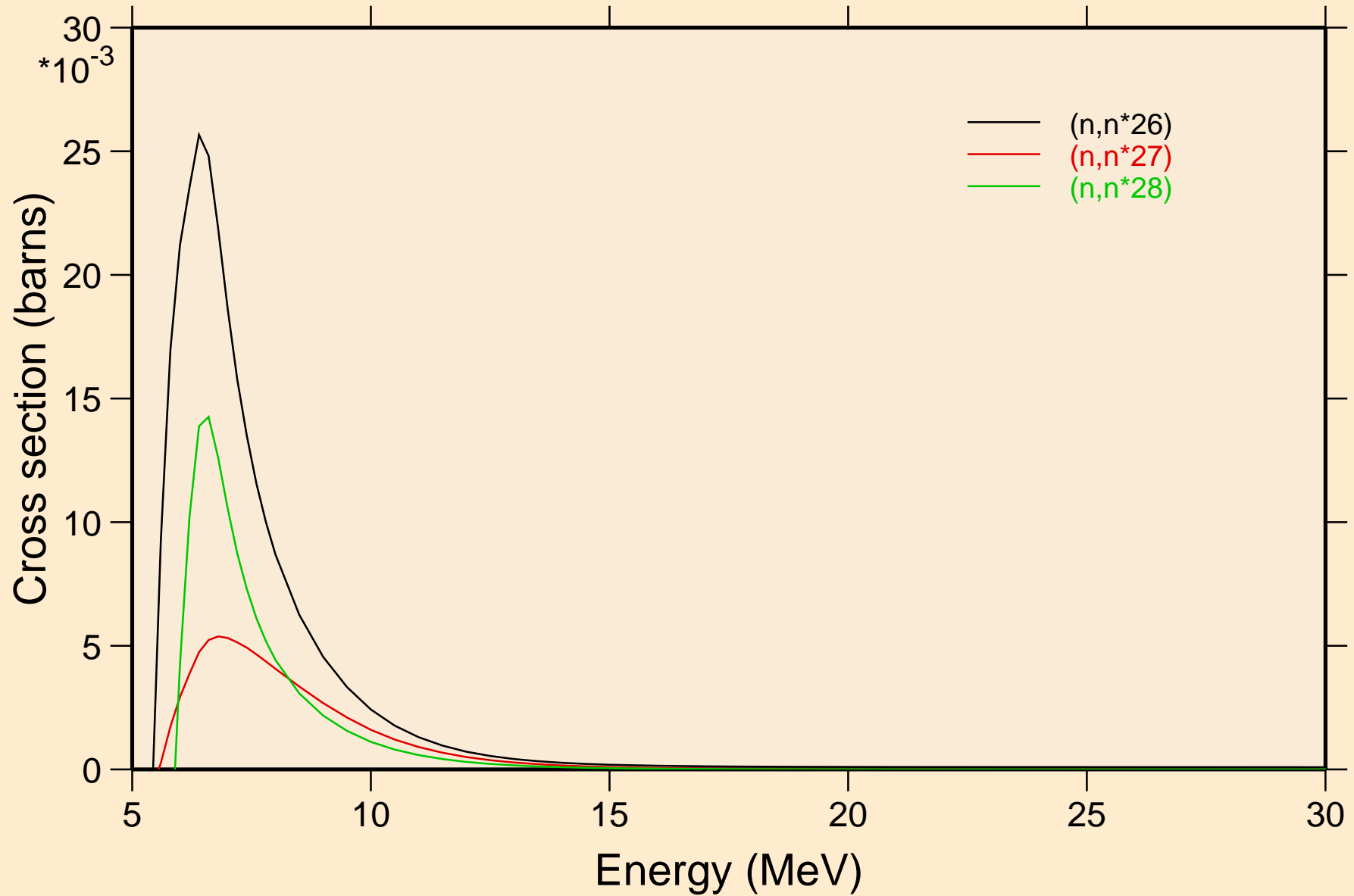
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



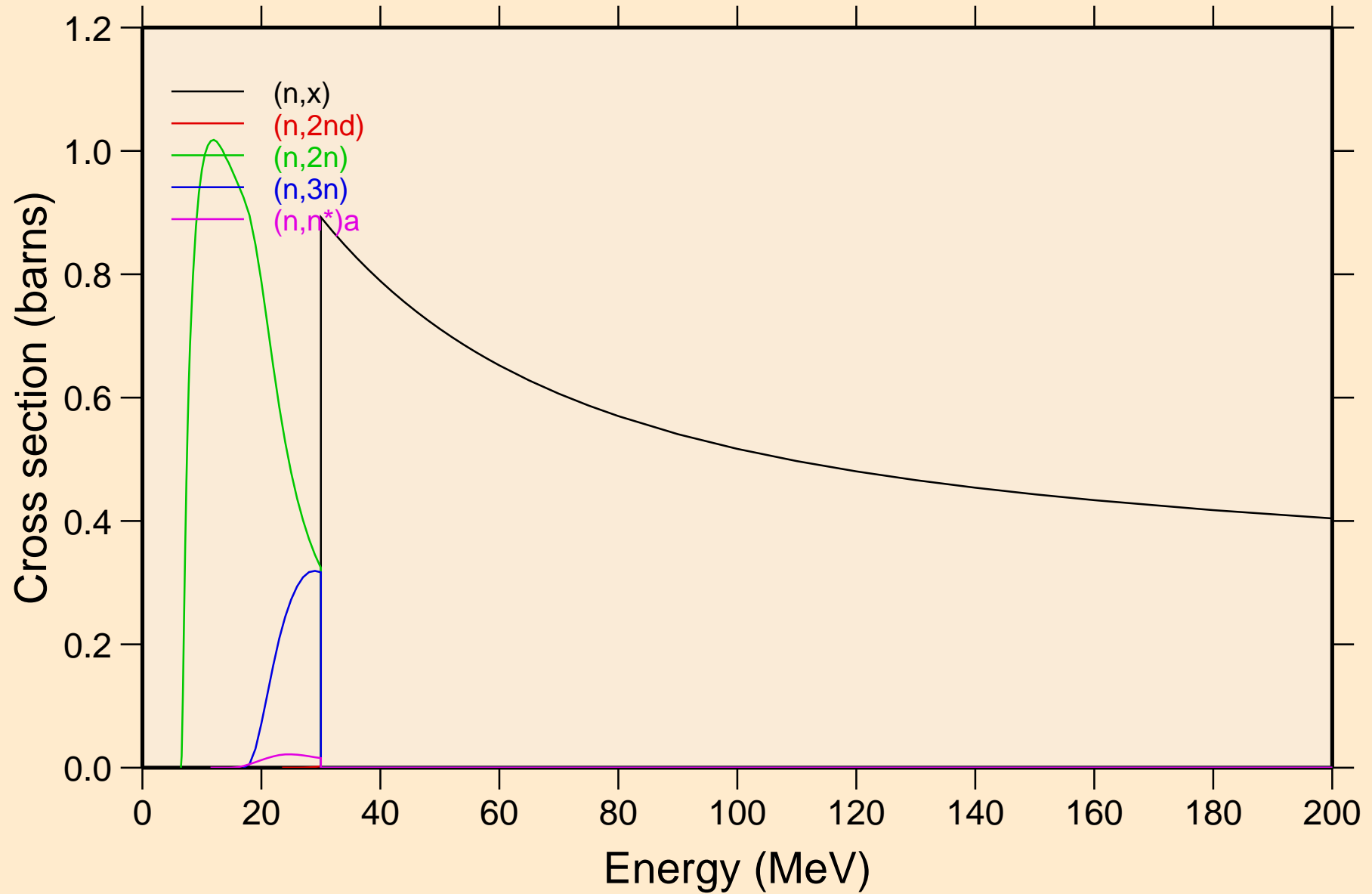
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

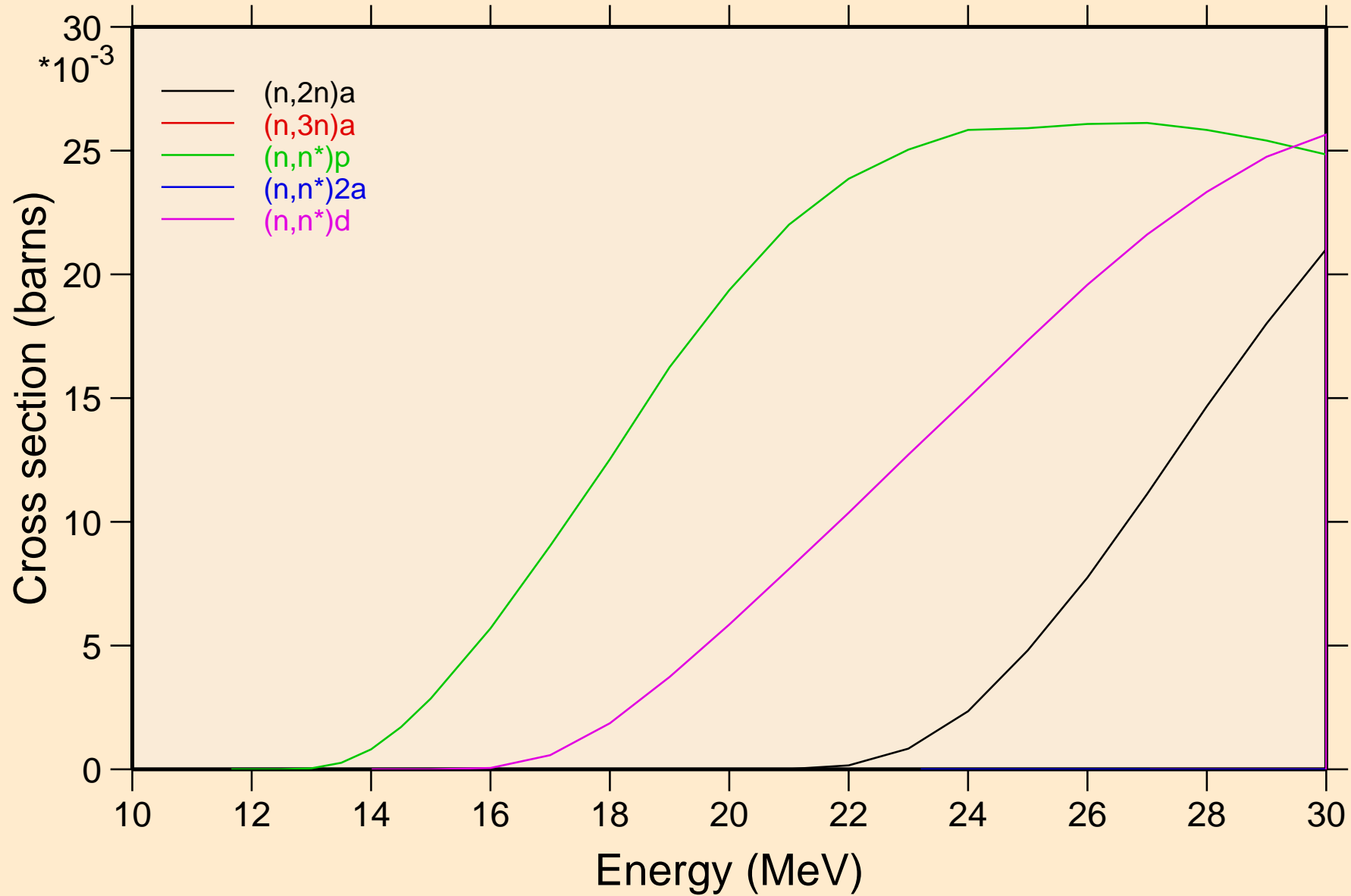


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



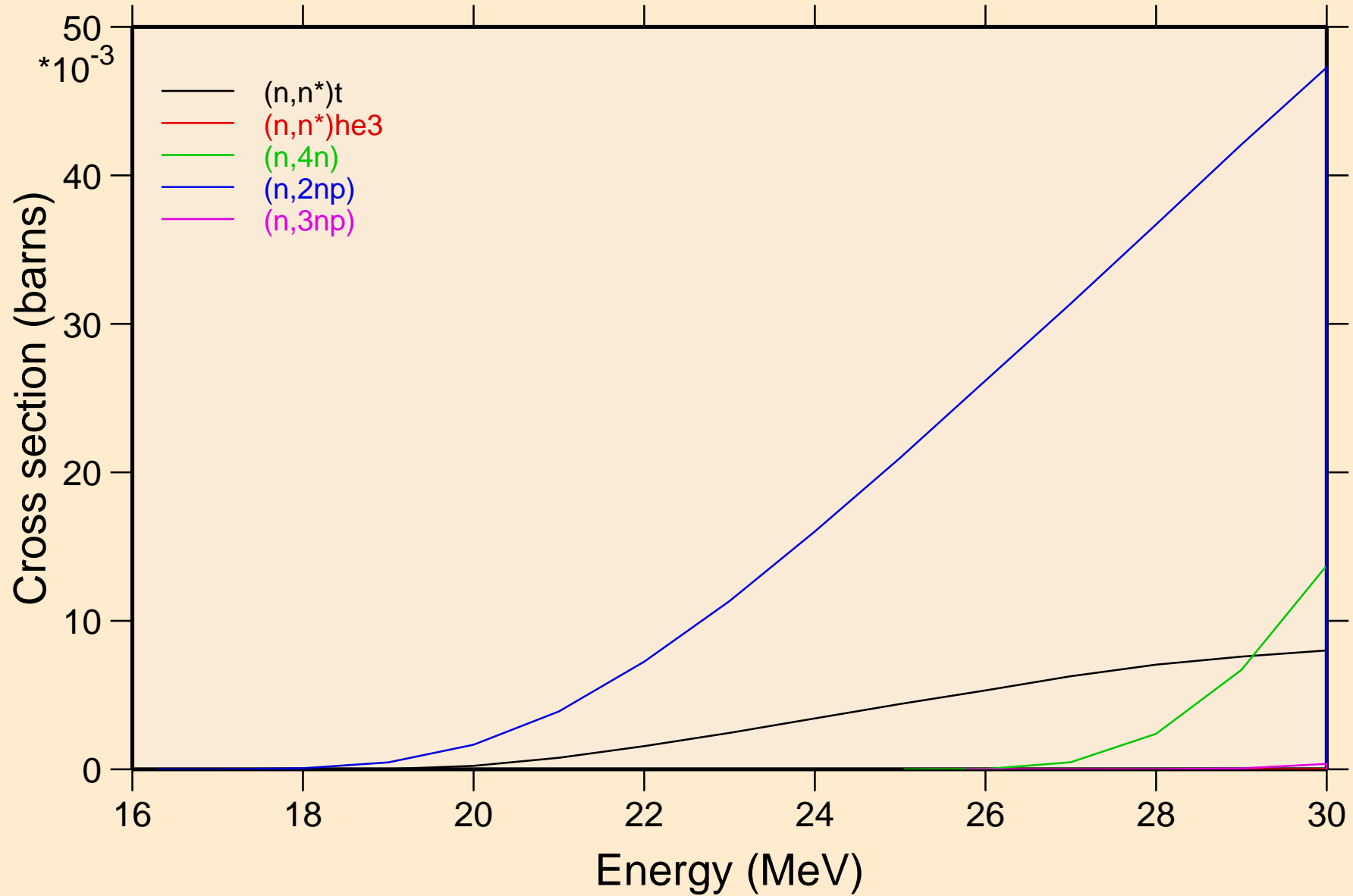
# P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

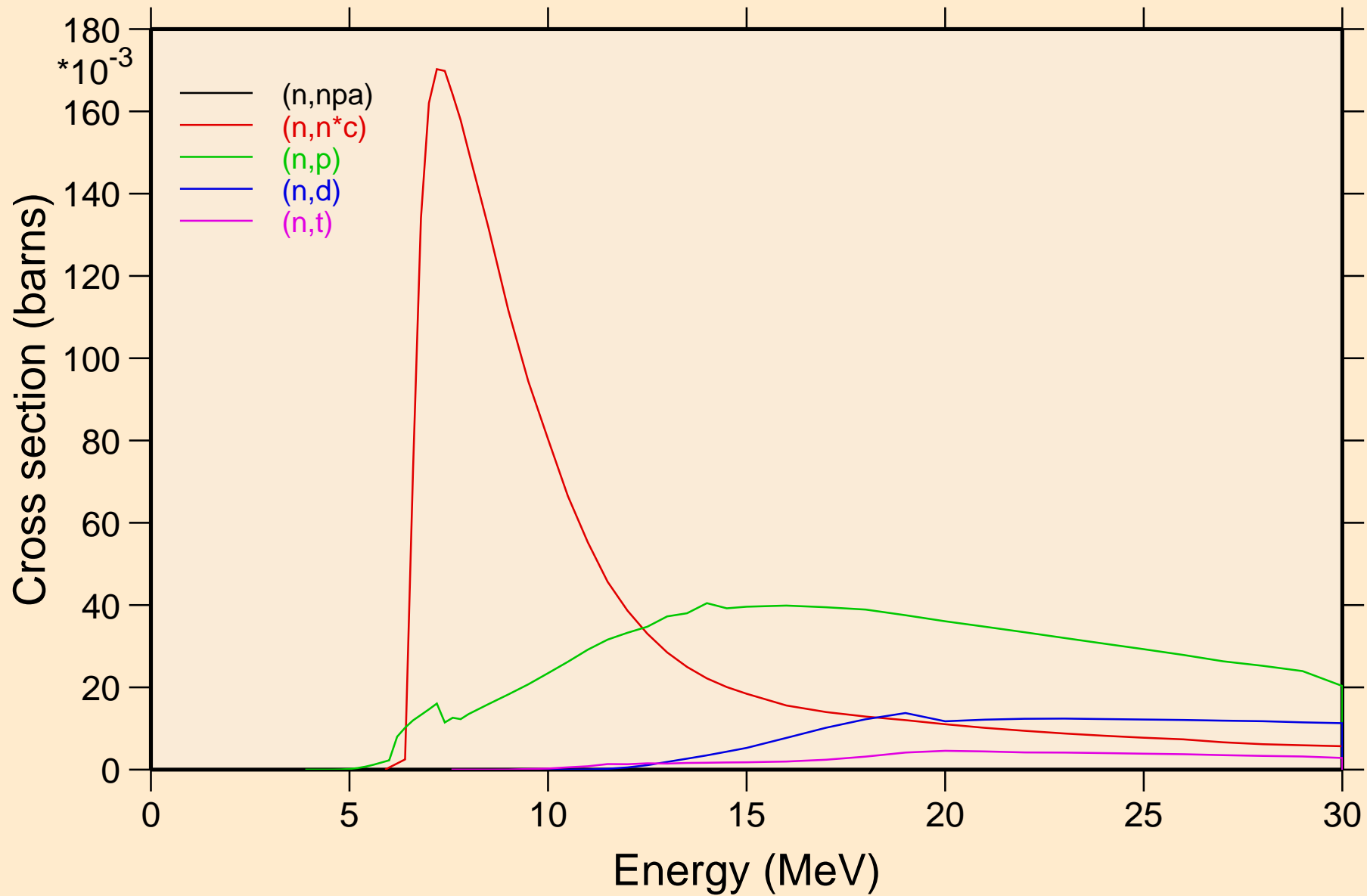




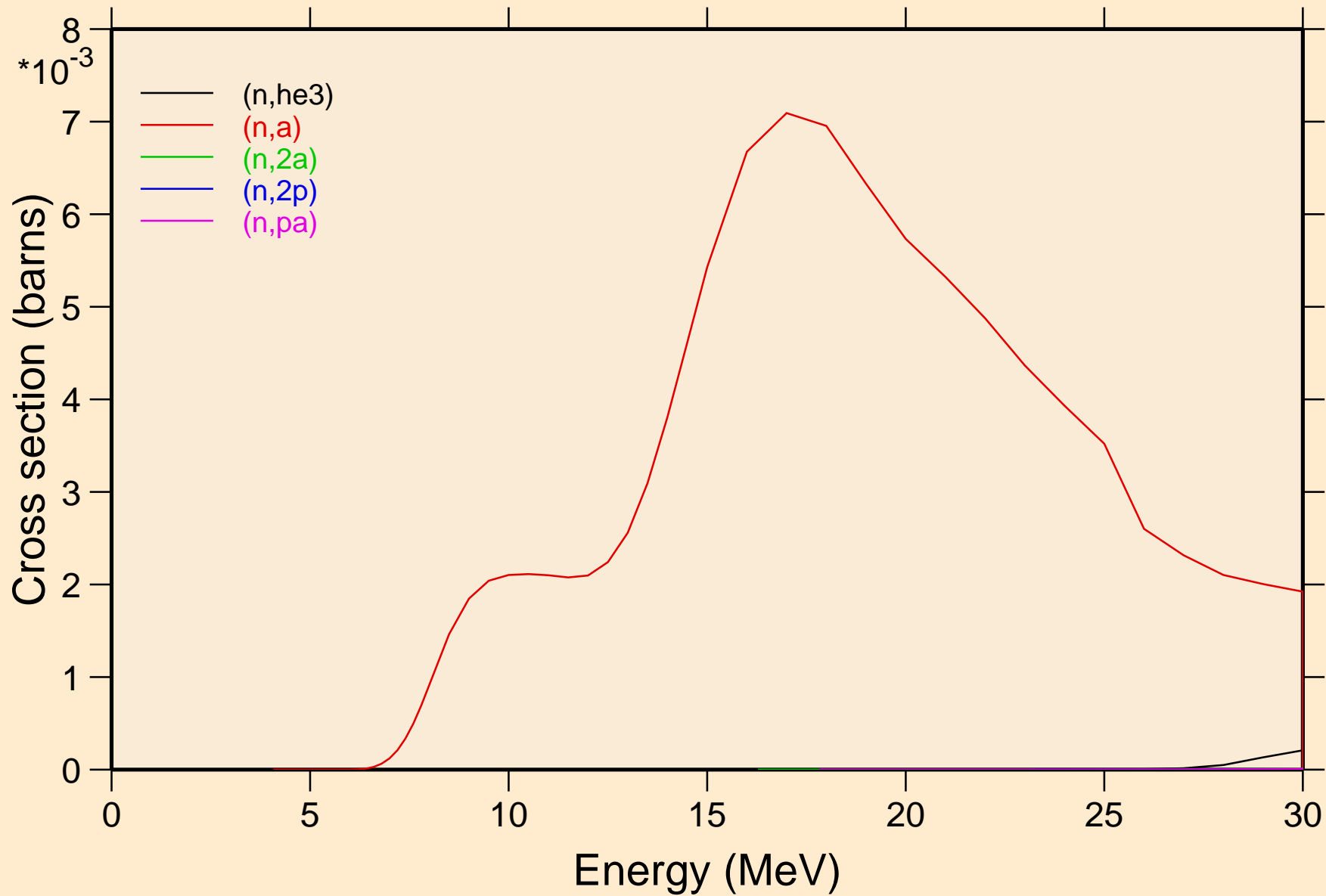
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



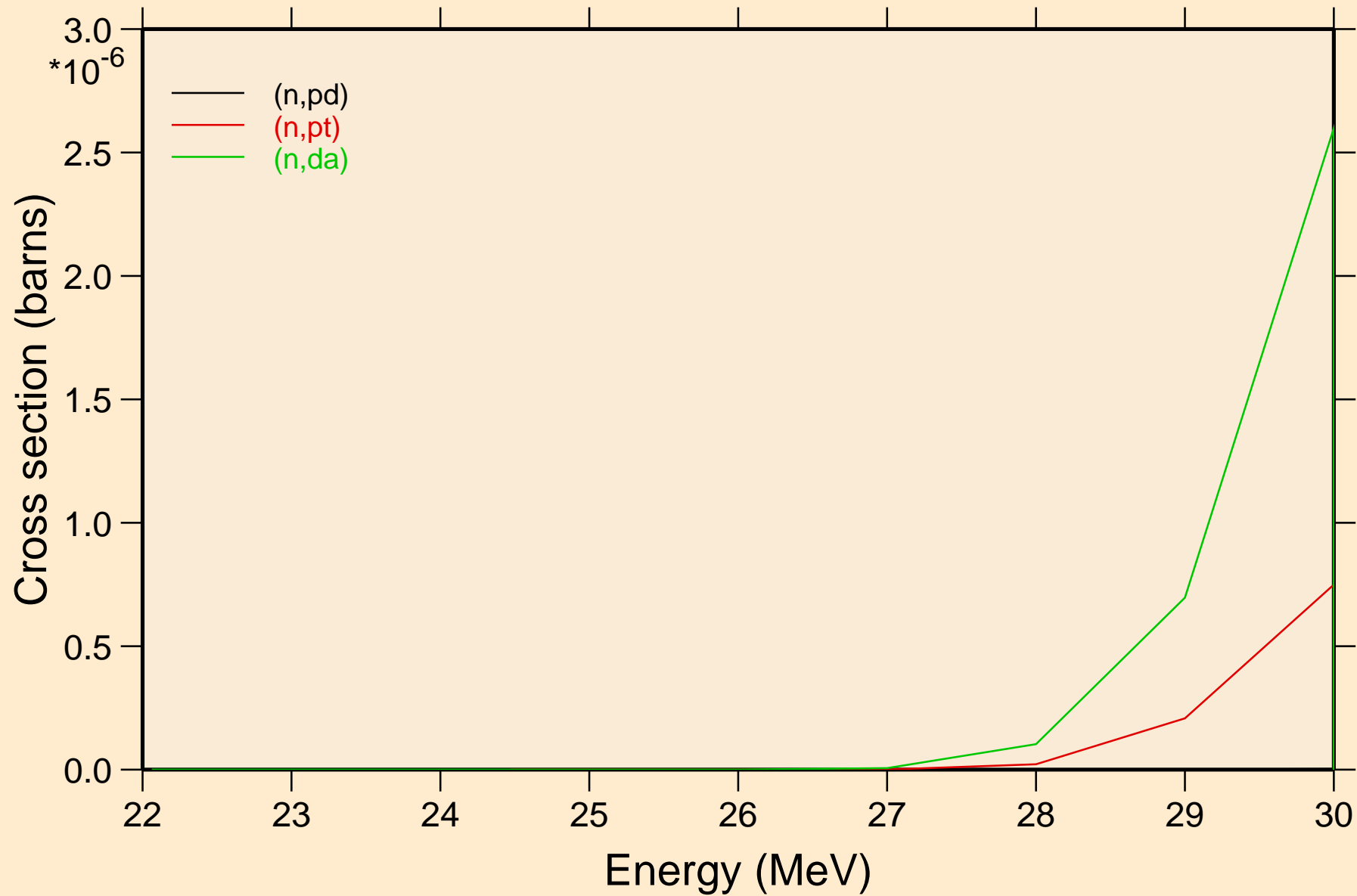
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

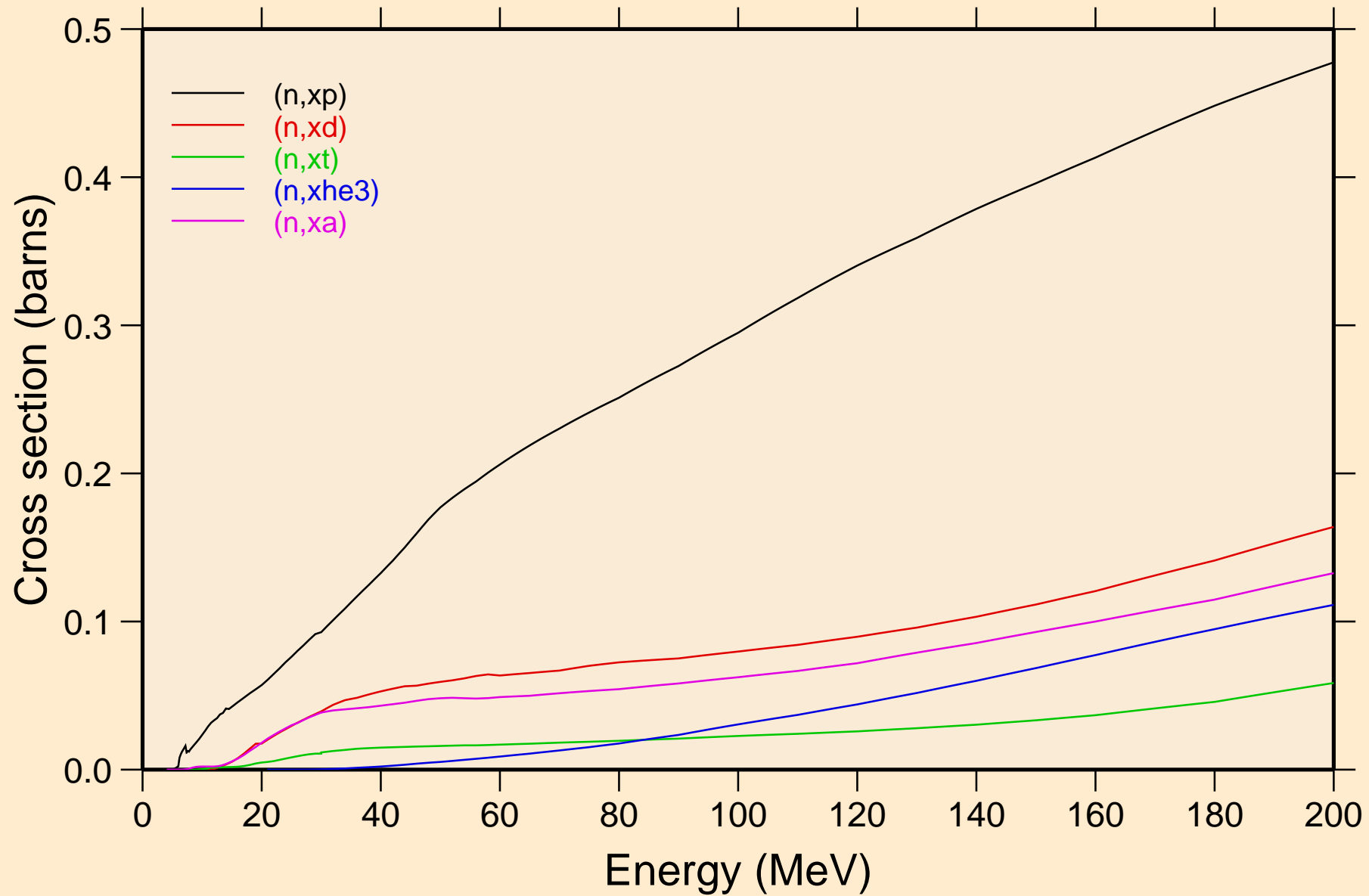


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

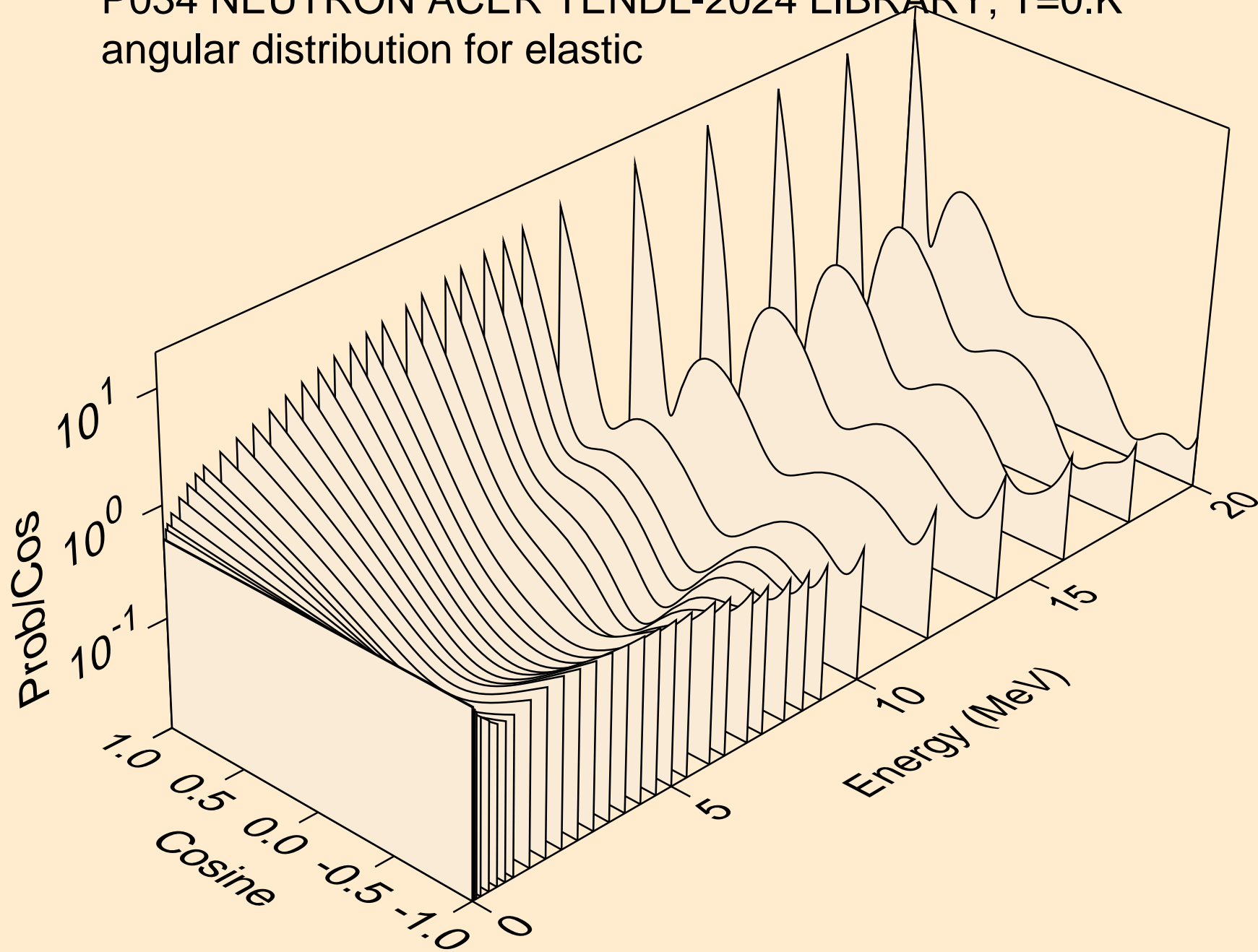


# P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

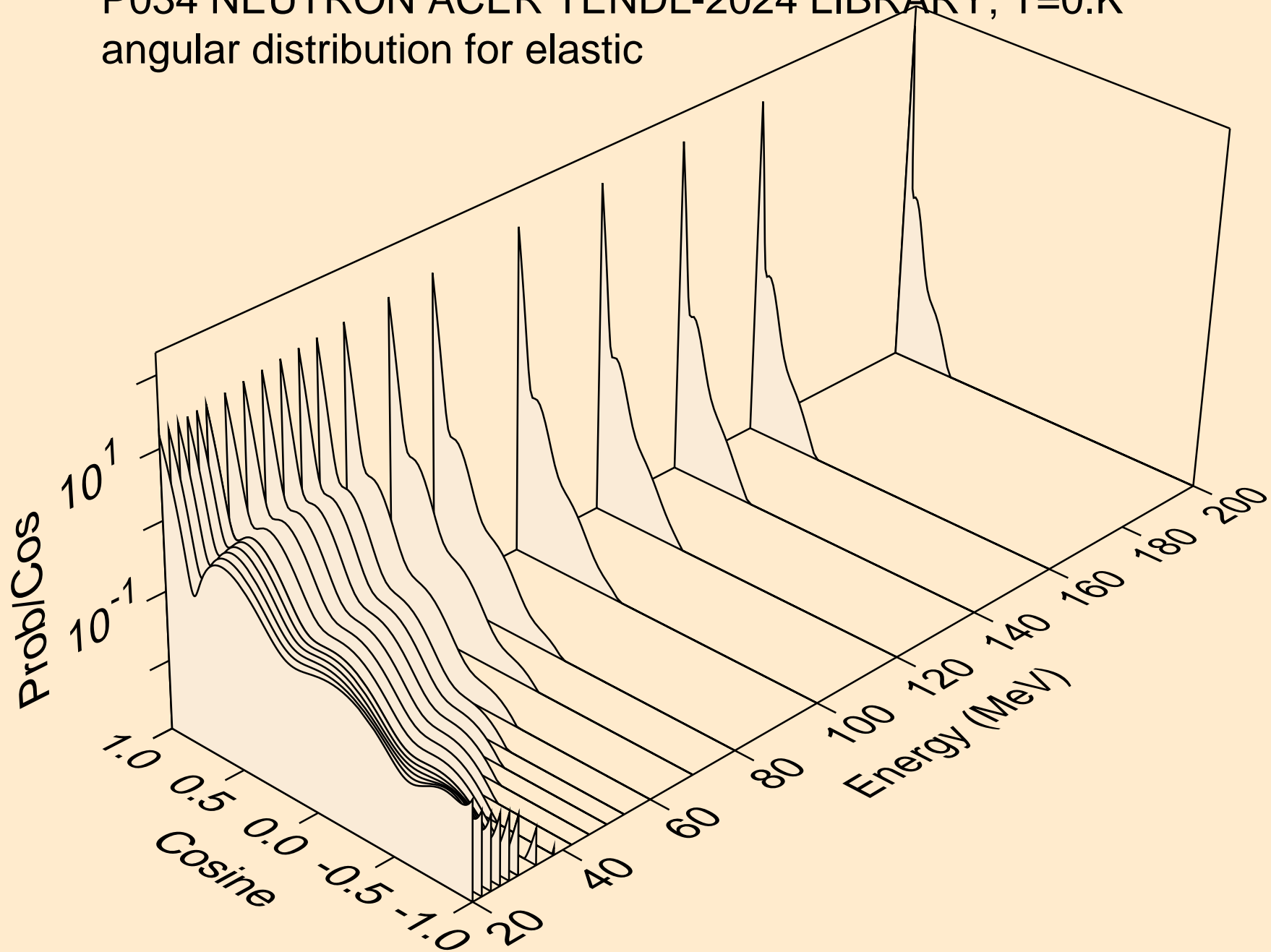
## Threshold reactions



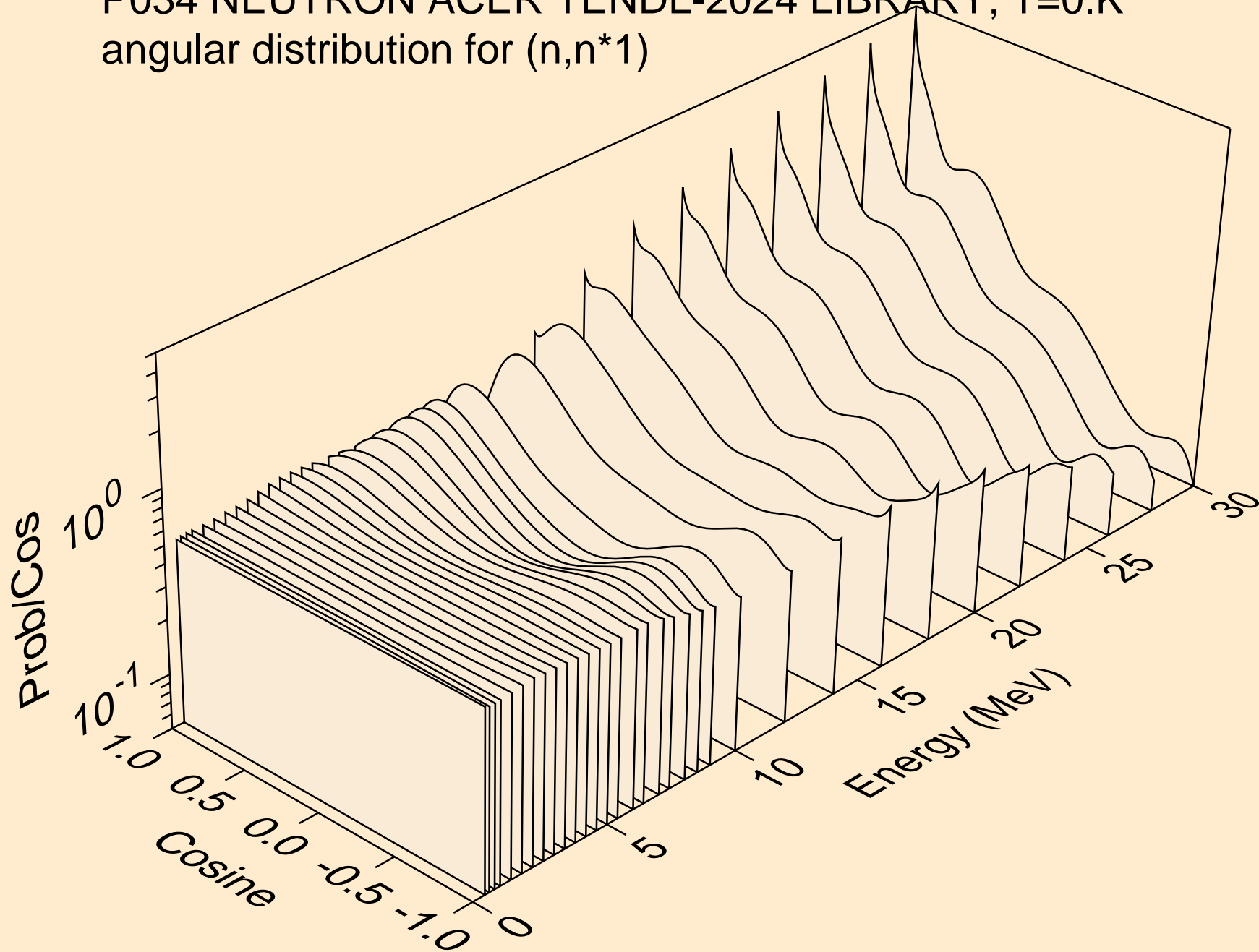
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

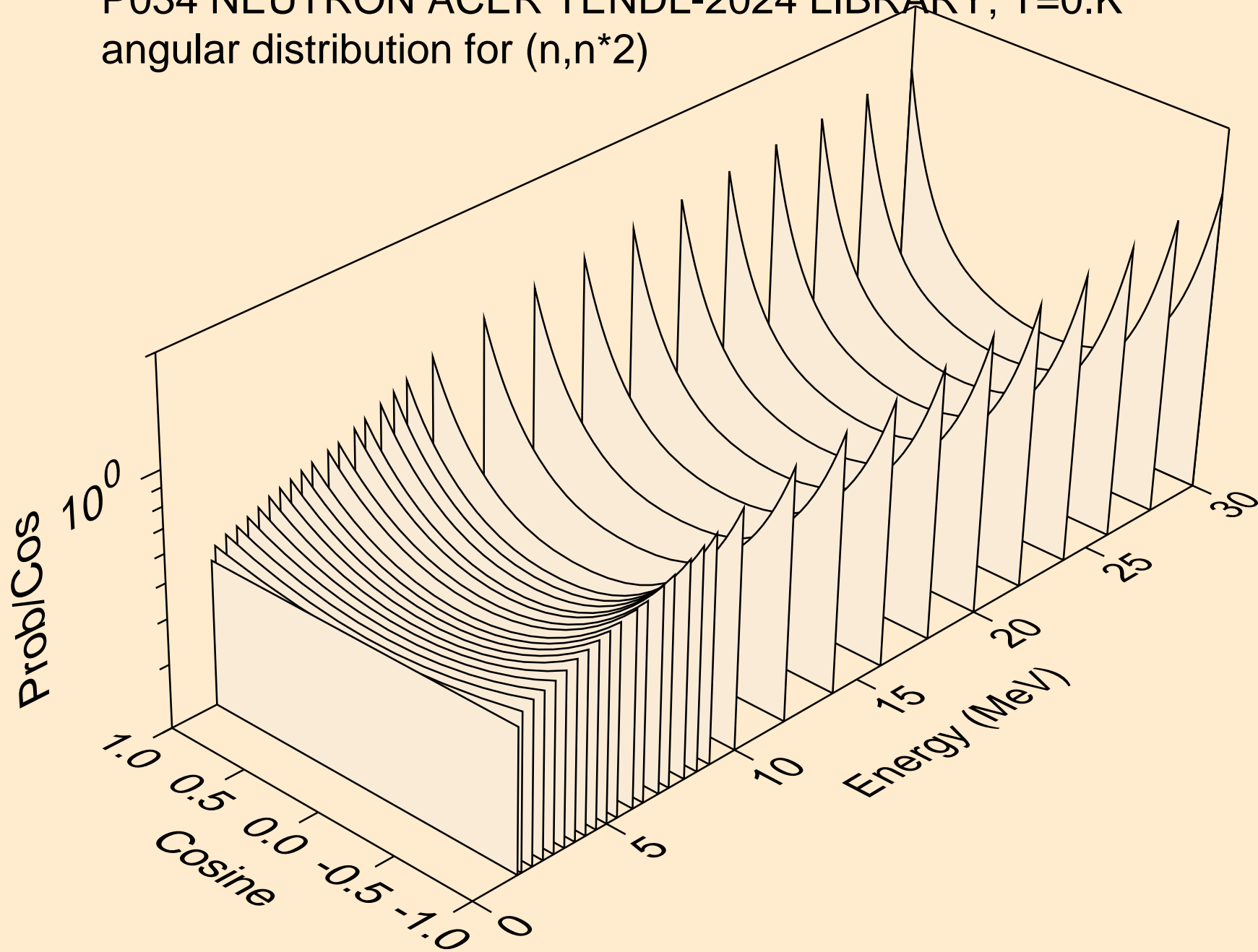


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

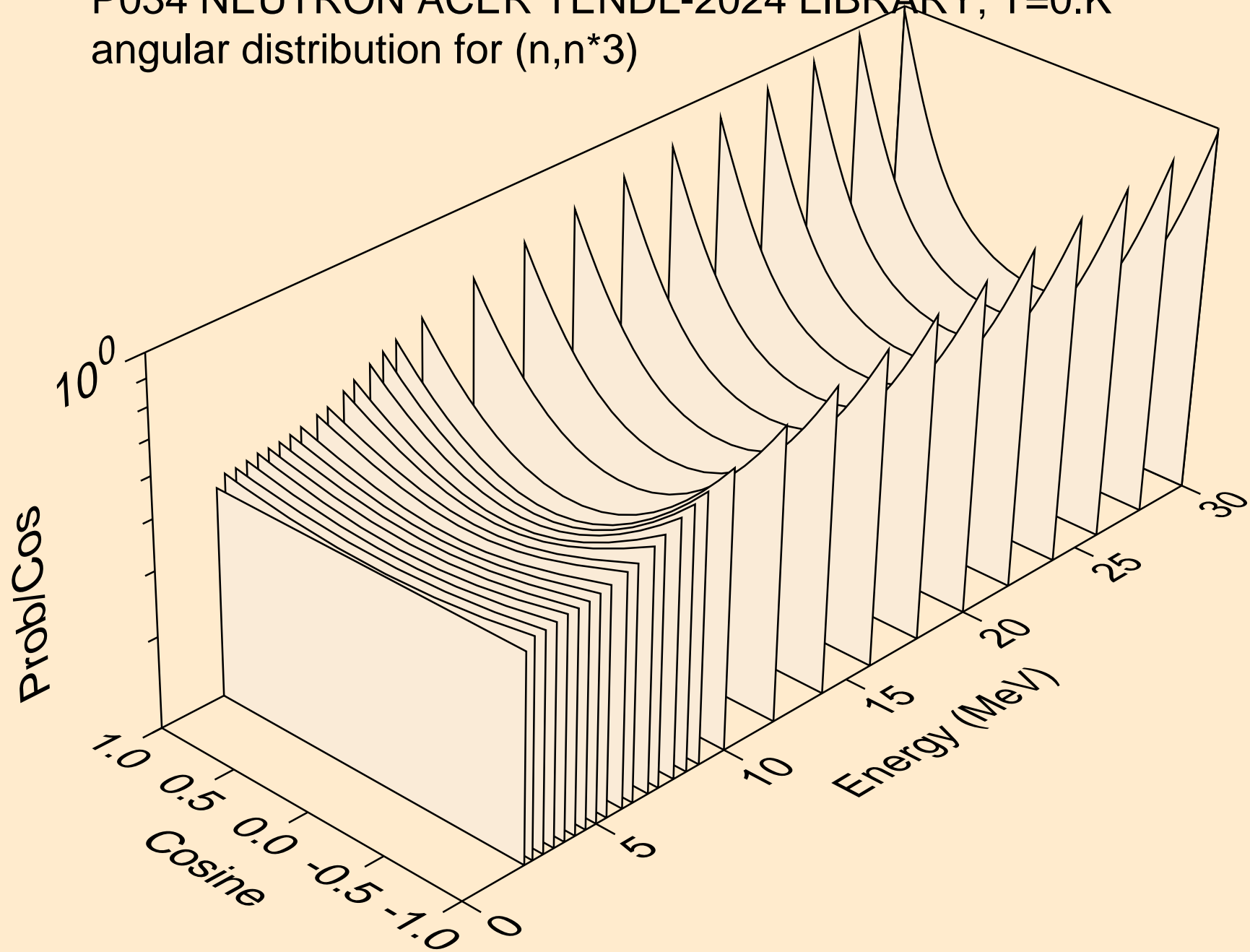




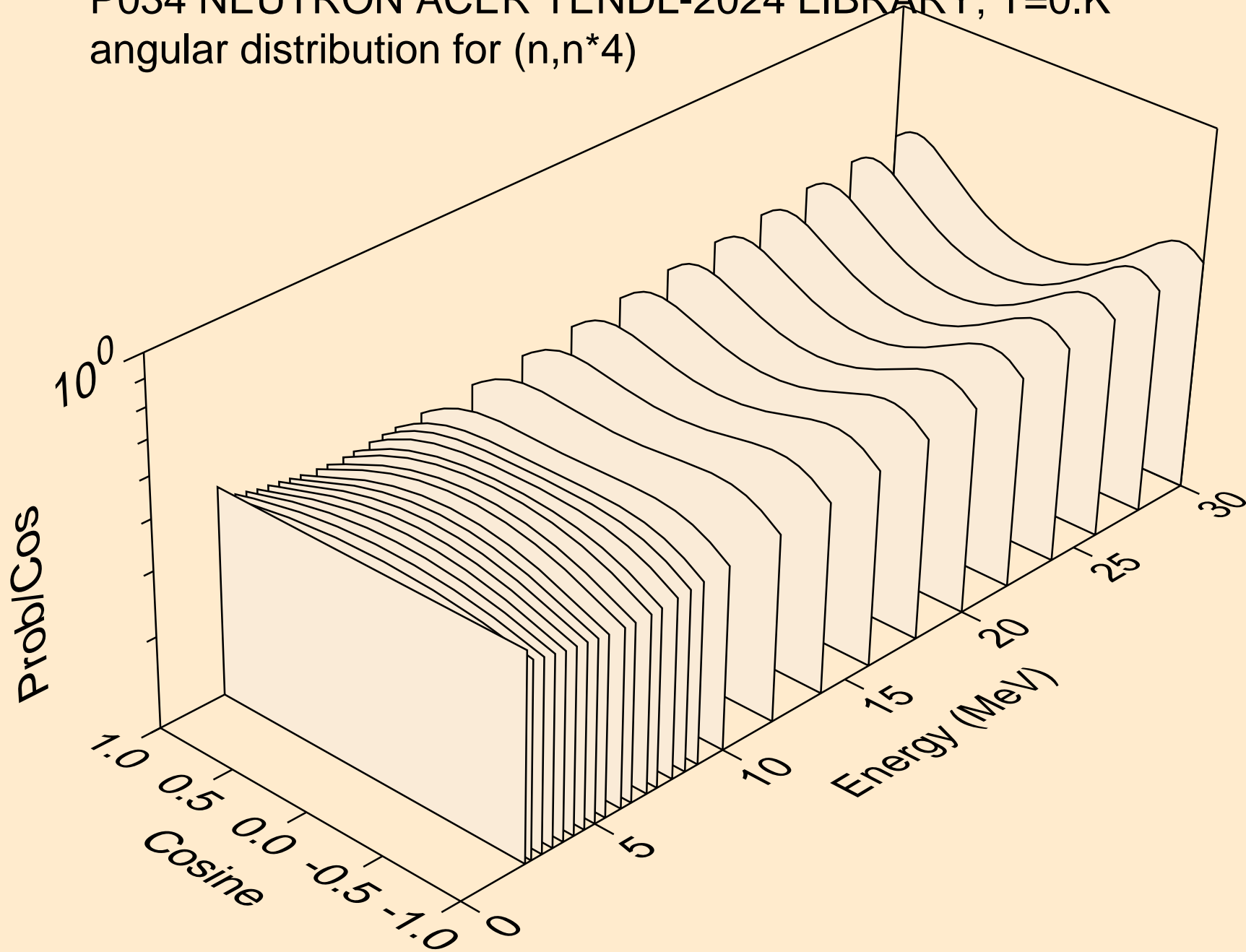
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



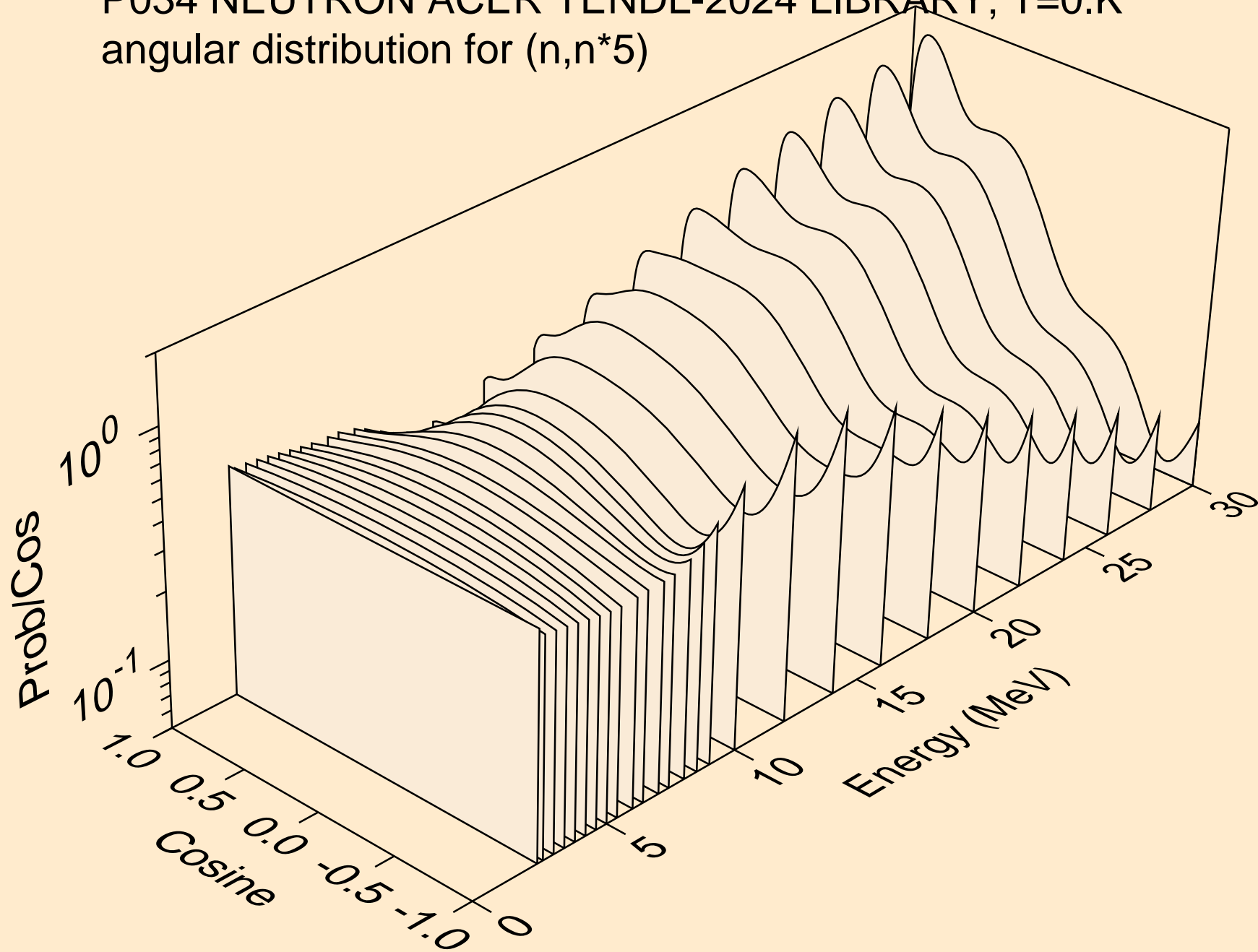
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



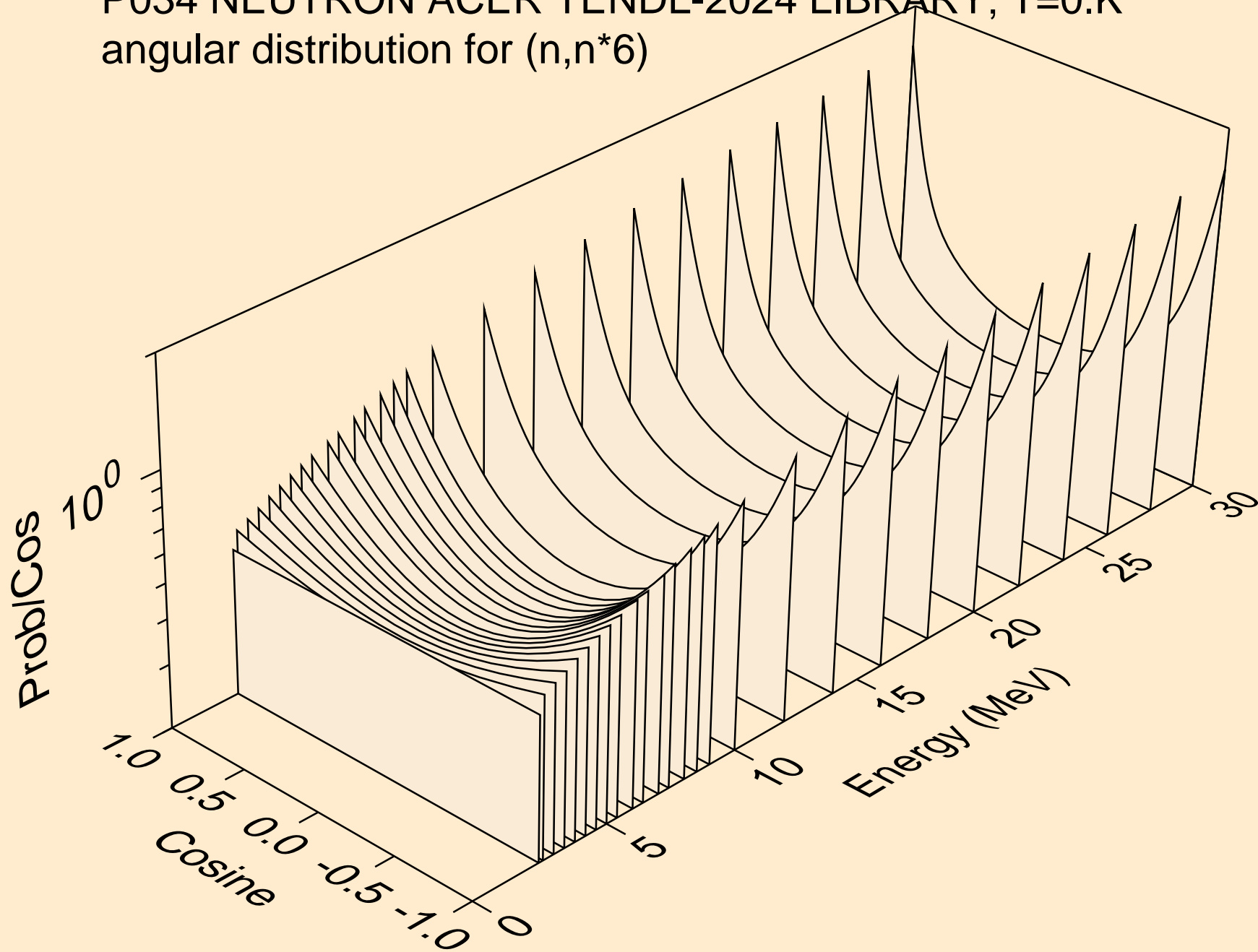
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angular distribution for (n,n\*4)



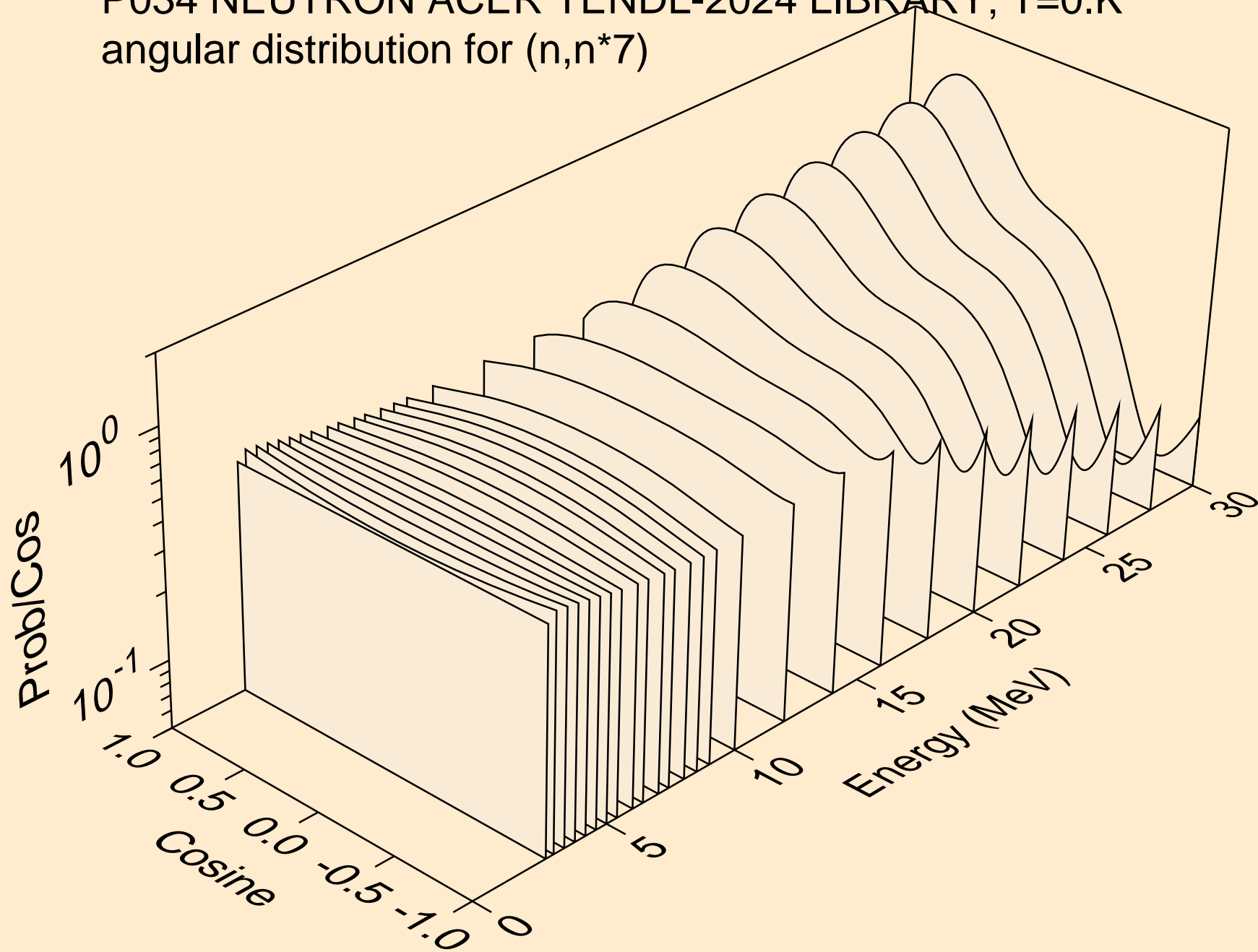
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



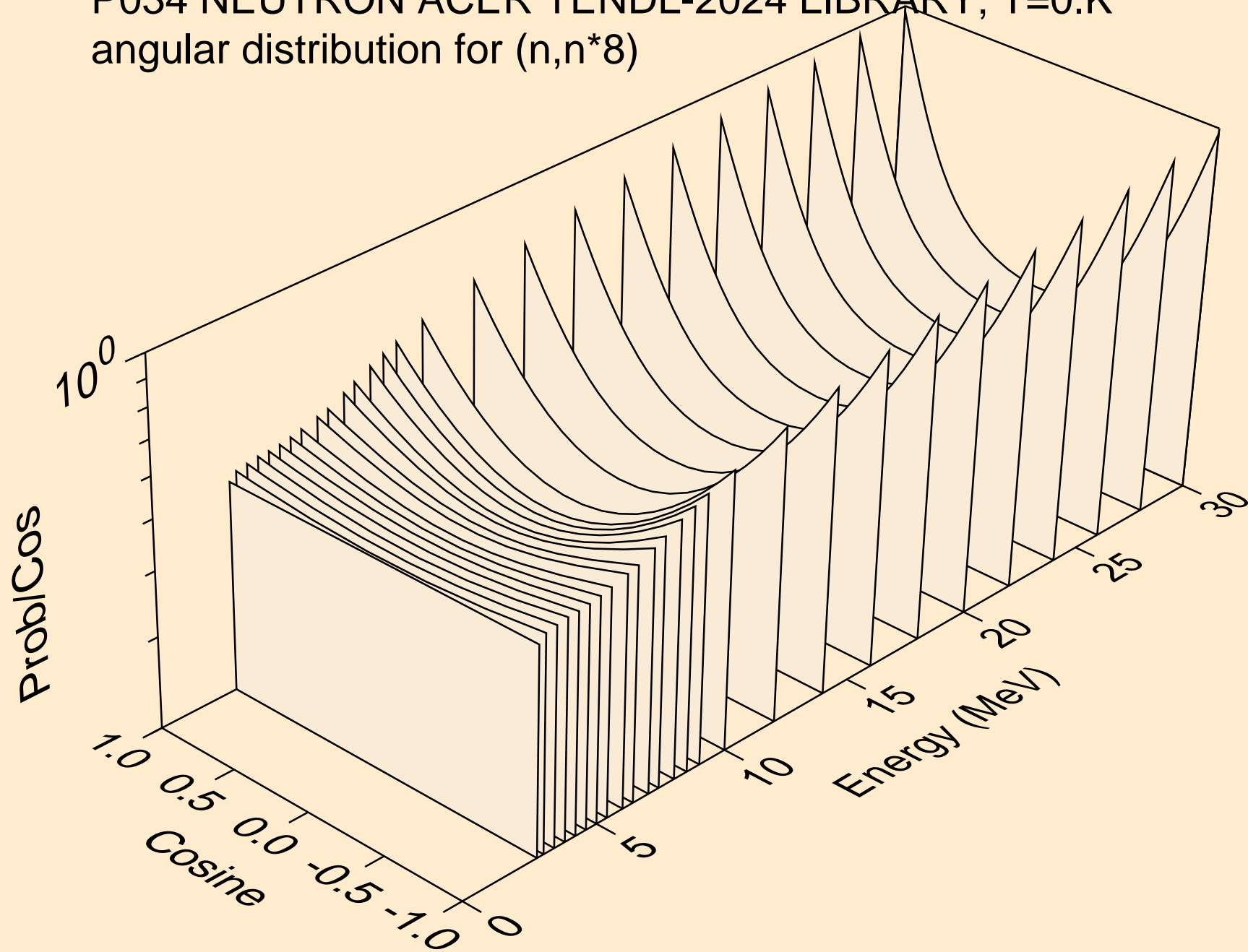
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angular distribution for (n,n\*6)



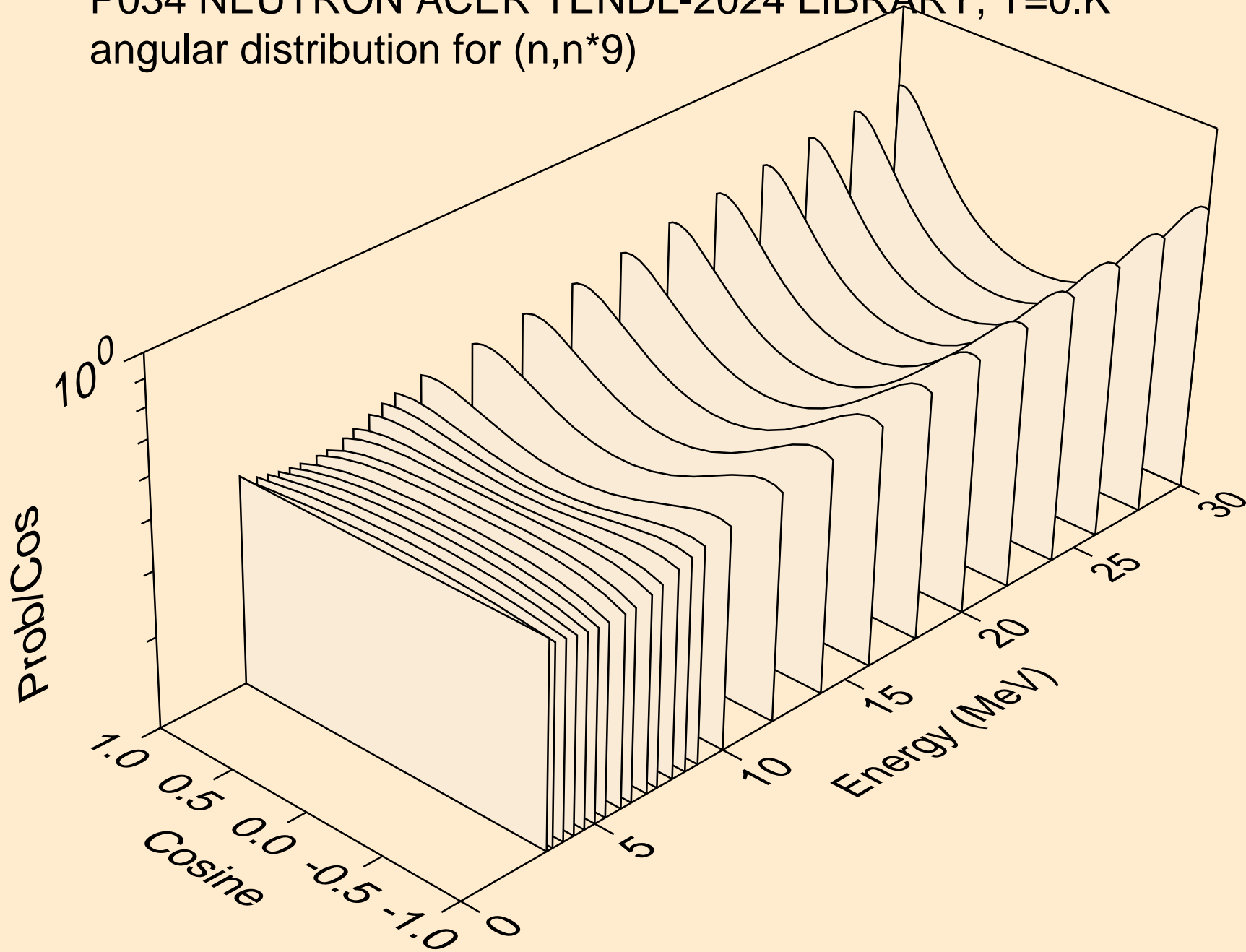
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

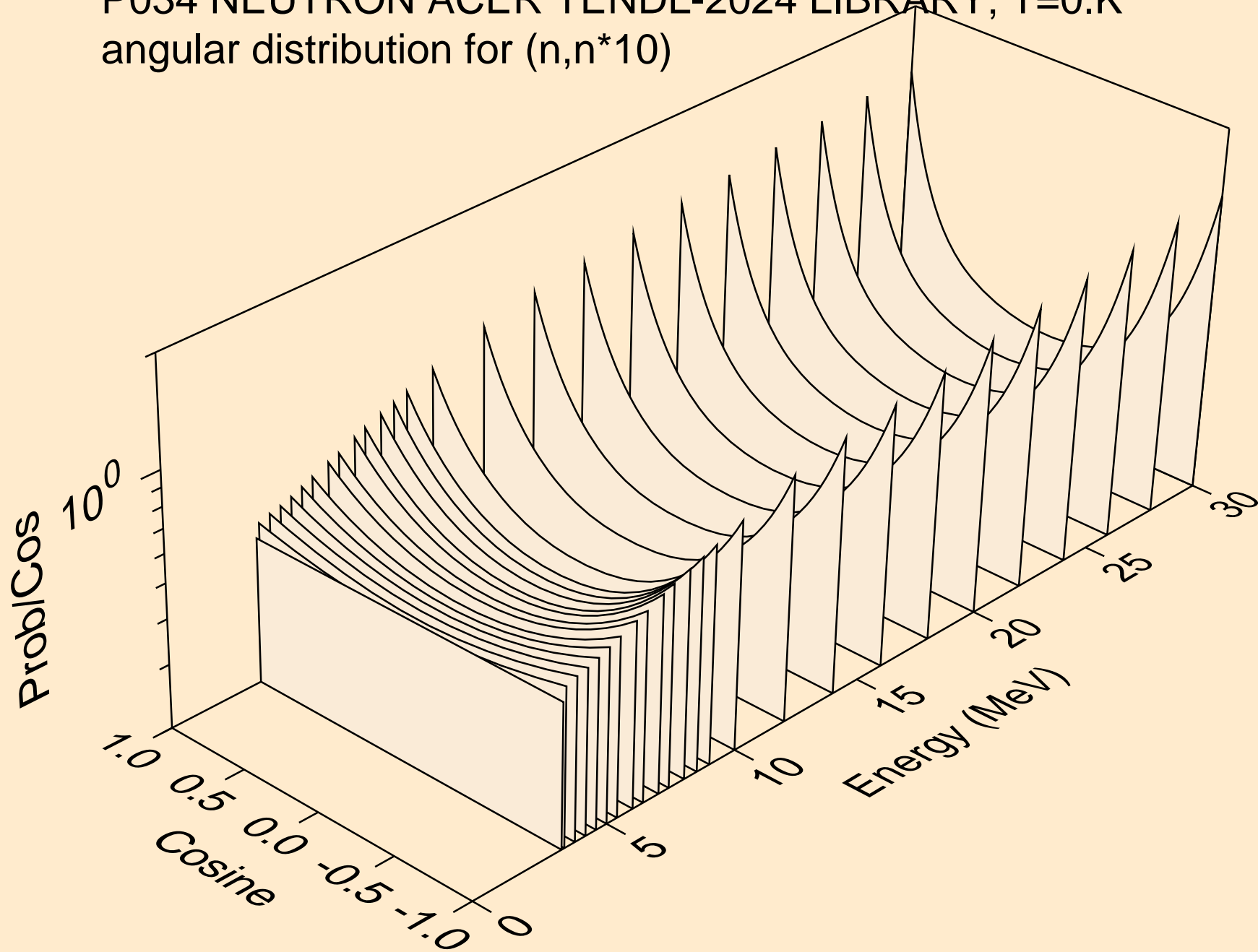


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

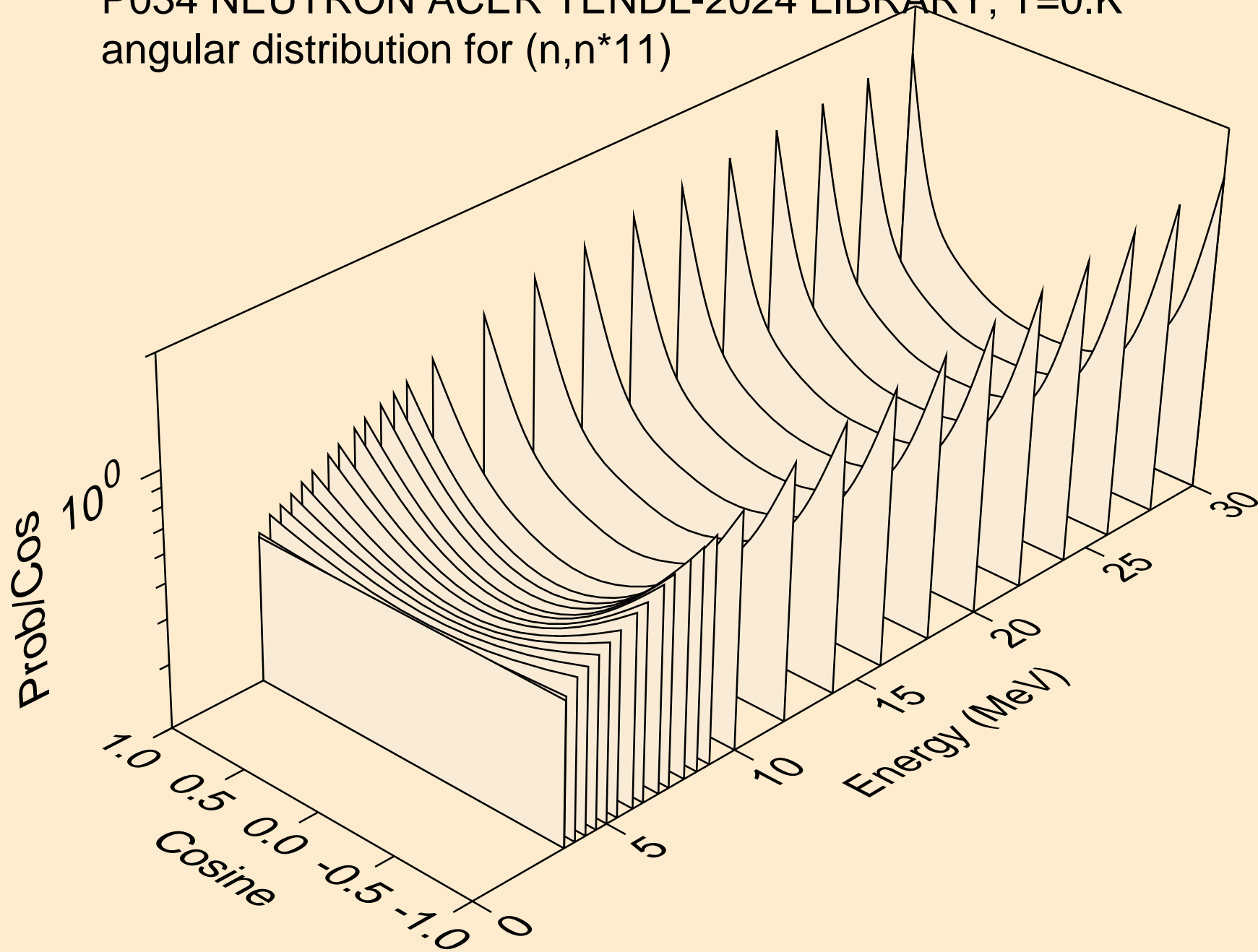




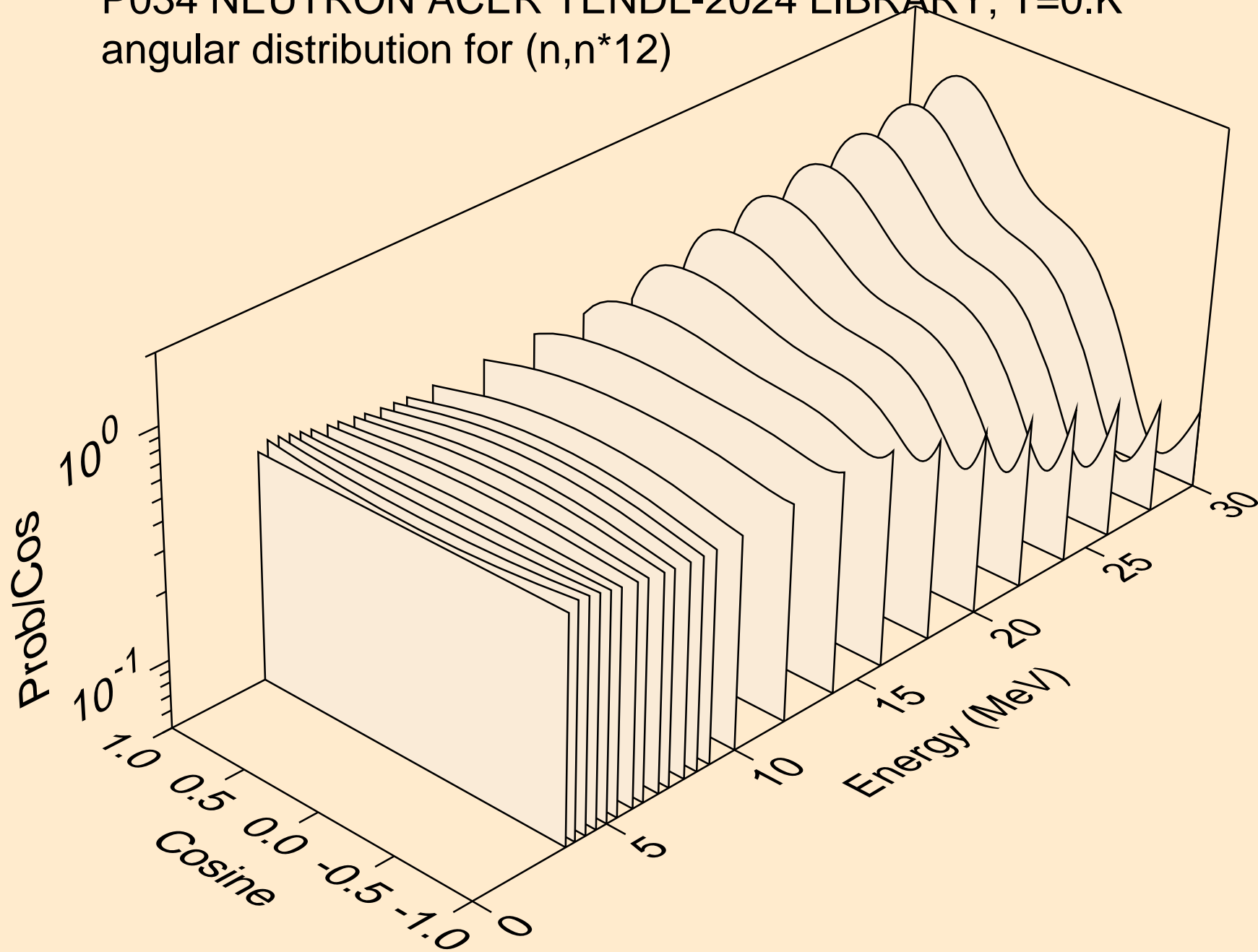
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



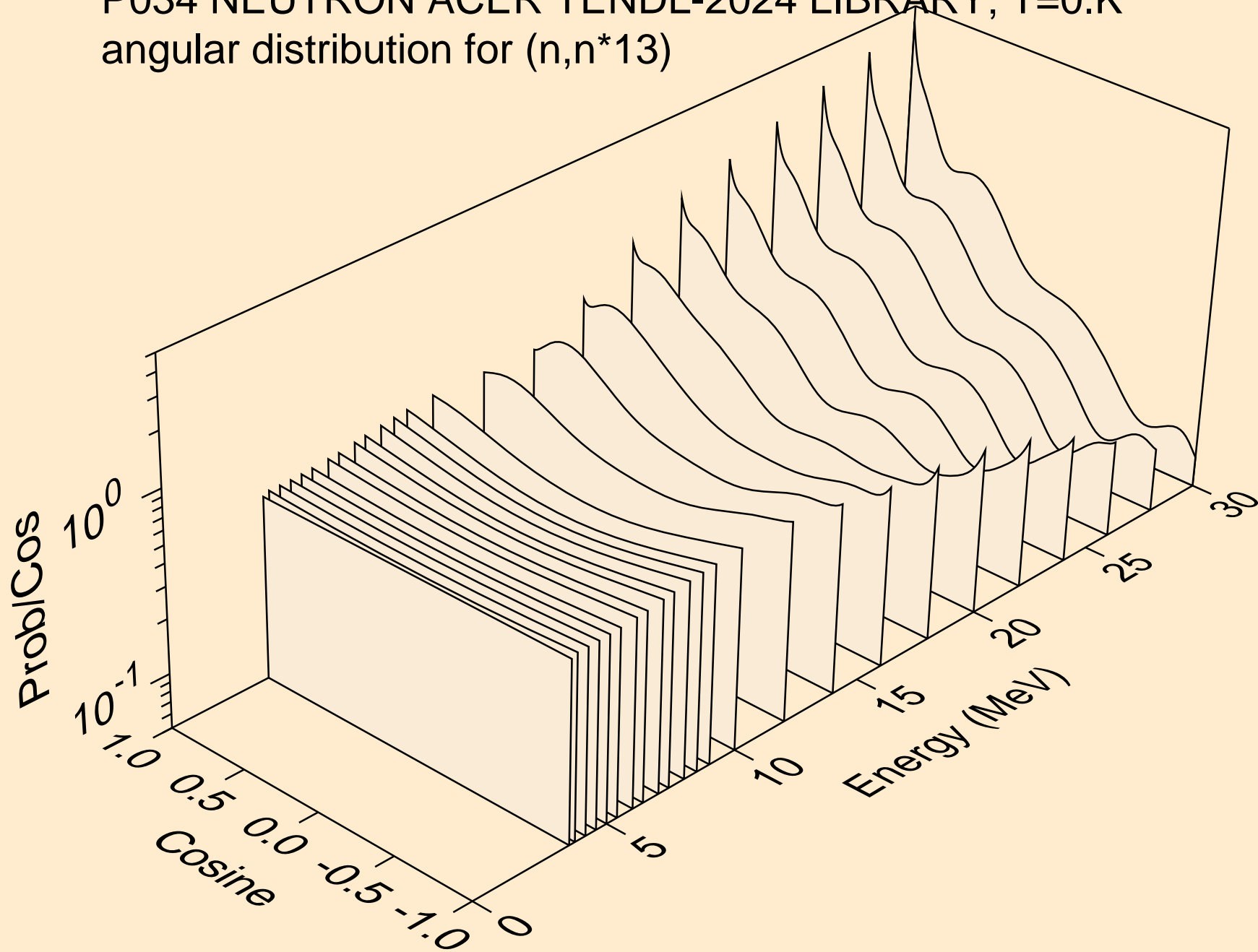
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angular distribution for (n,n\*11)



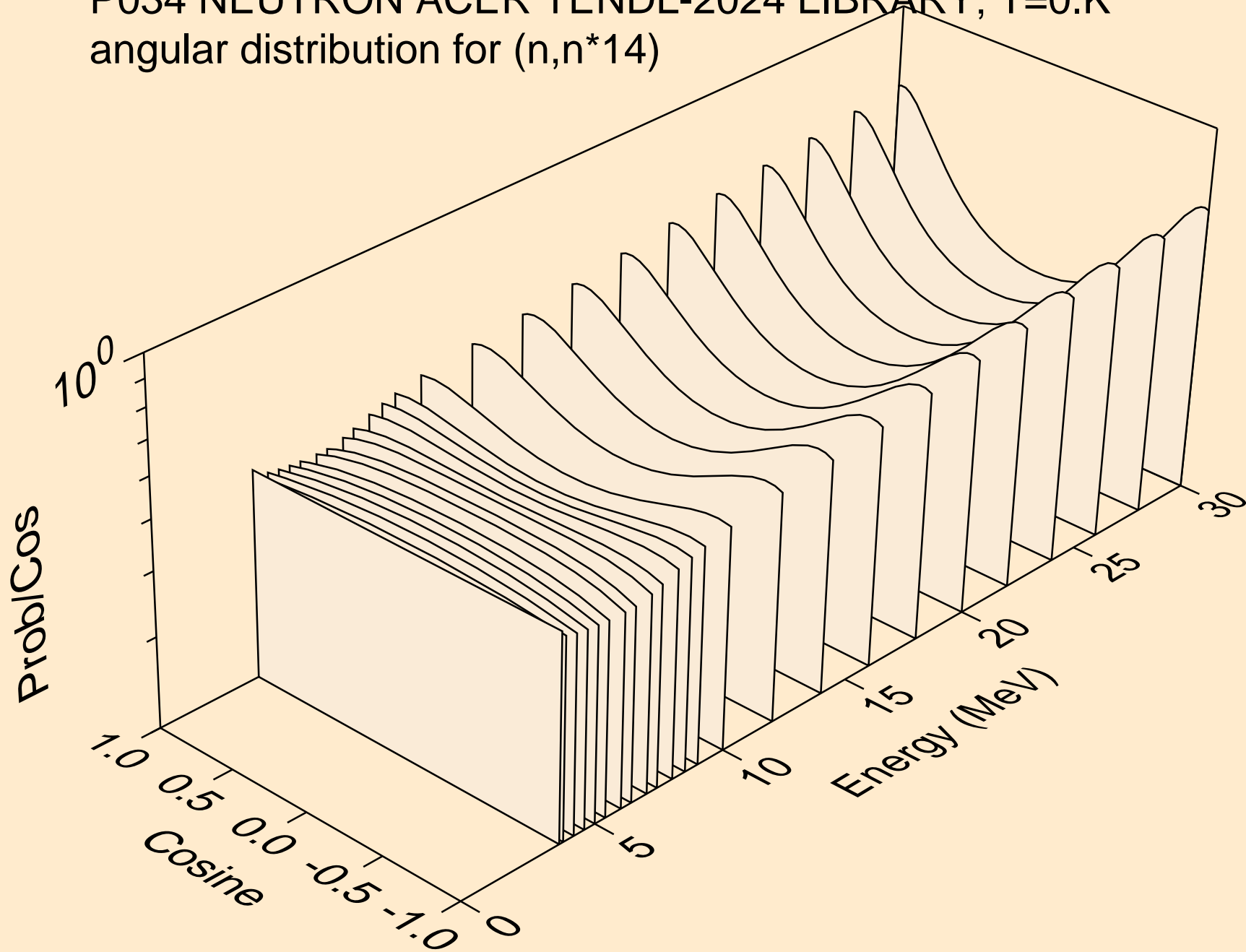
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angular distribution for (n,n\*12)



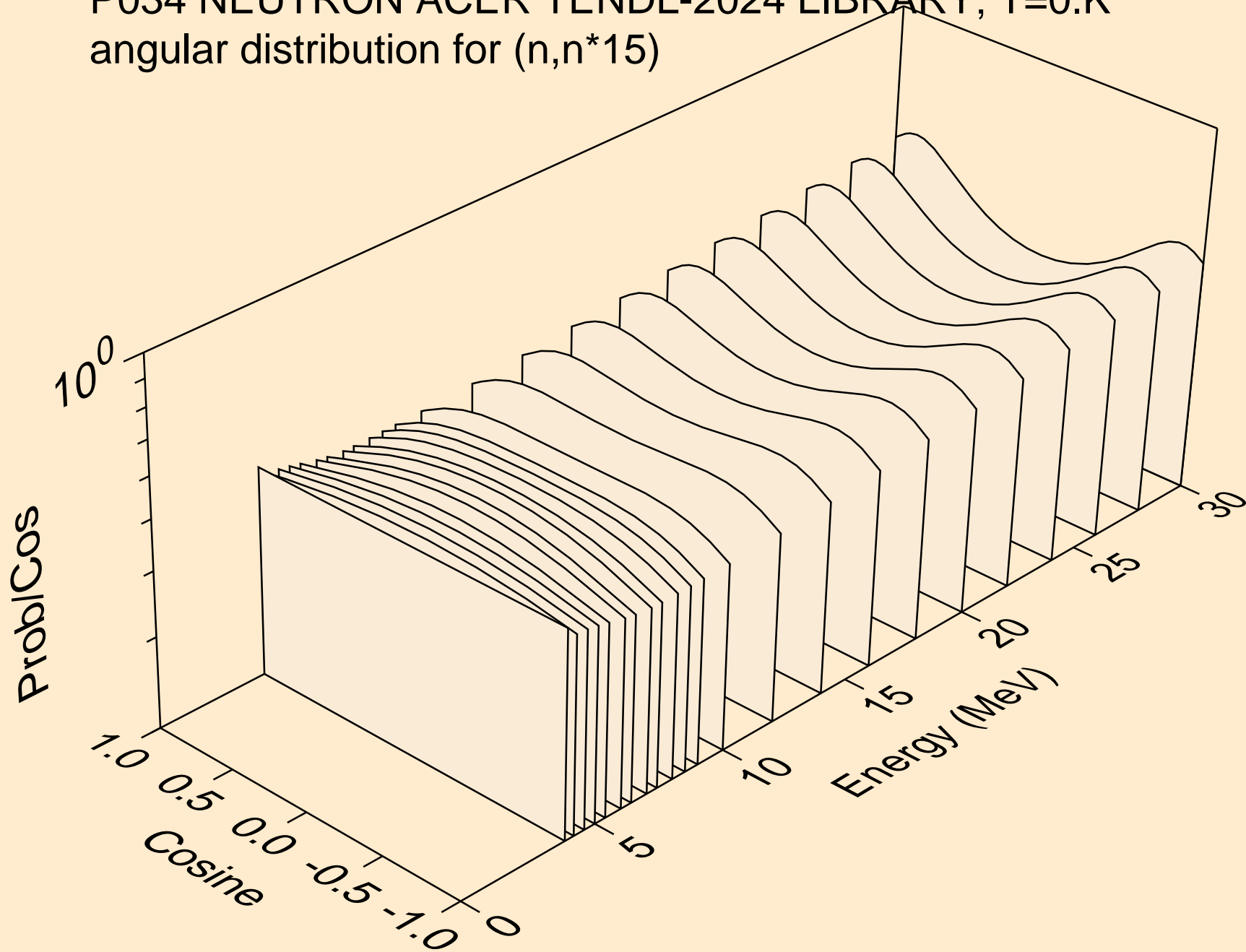
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



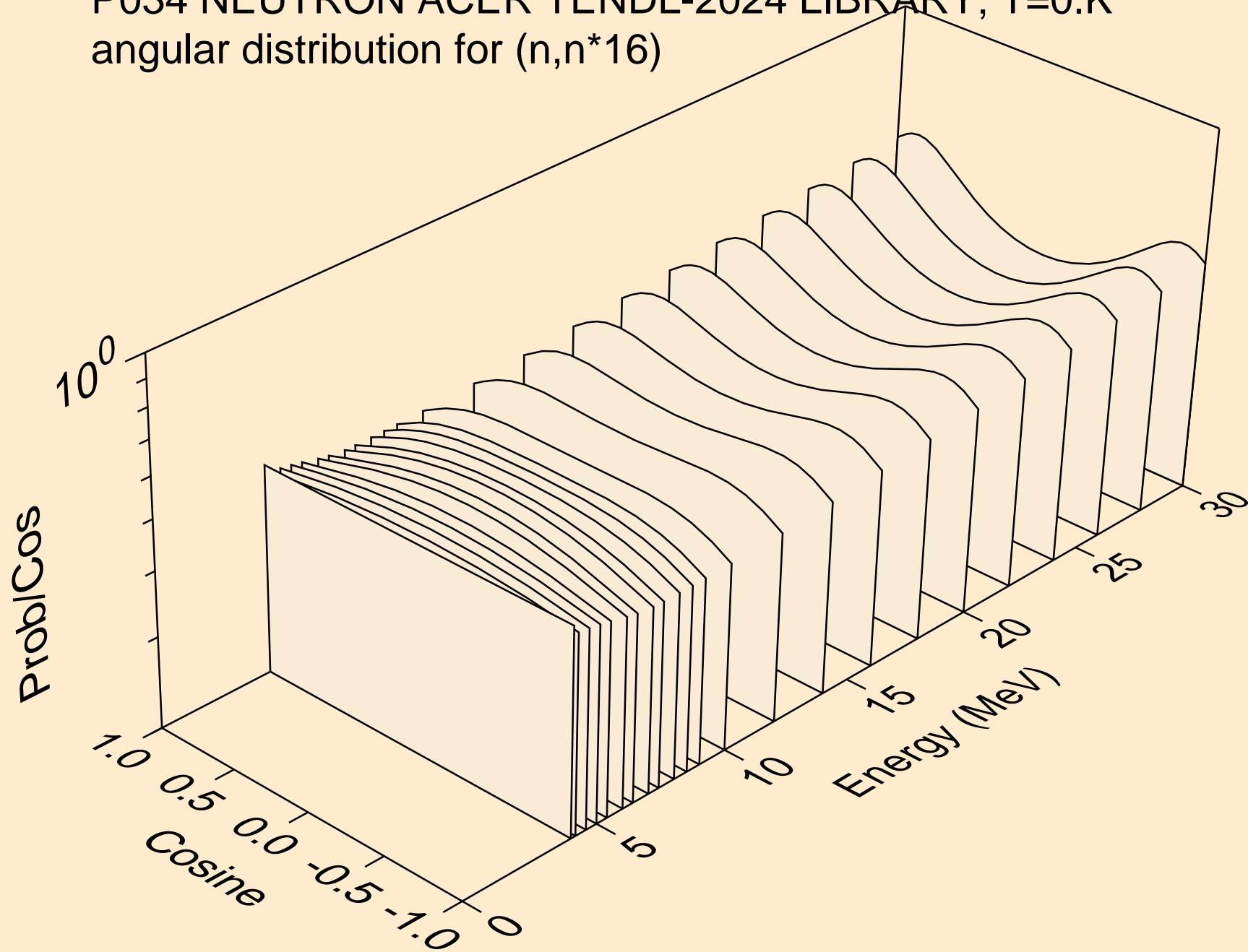
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angular distribution for (n,n\*14)



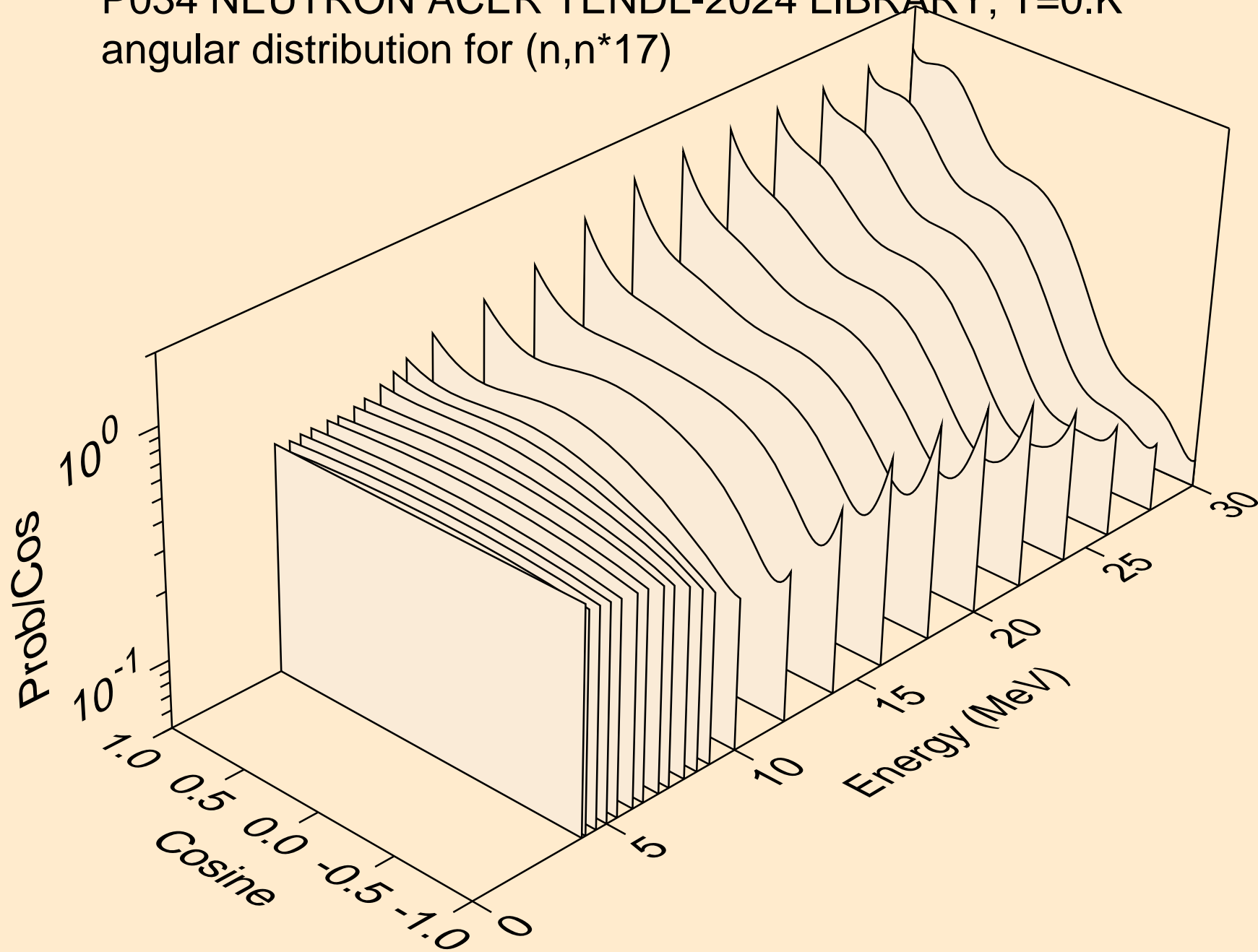
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

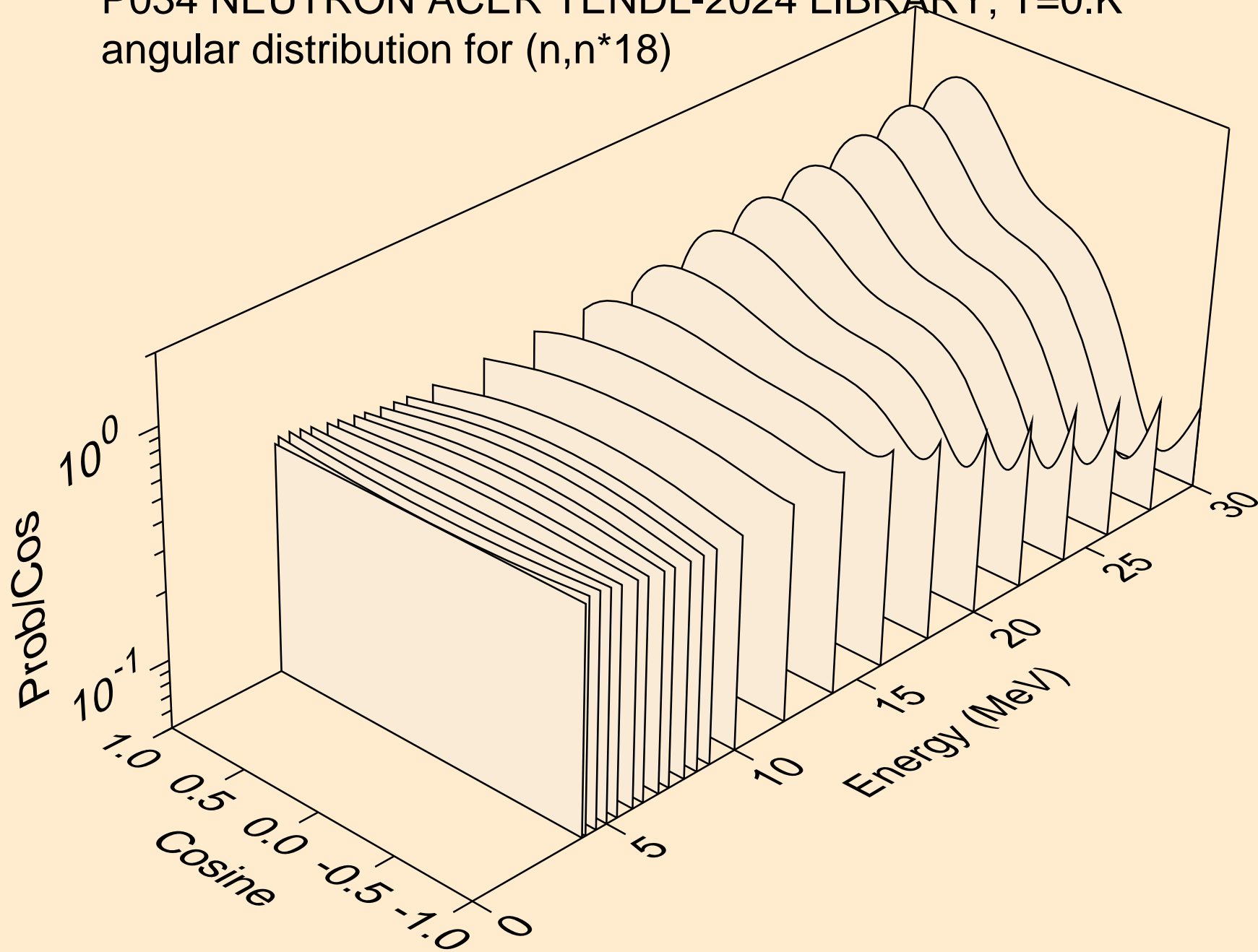


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

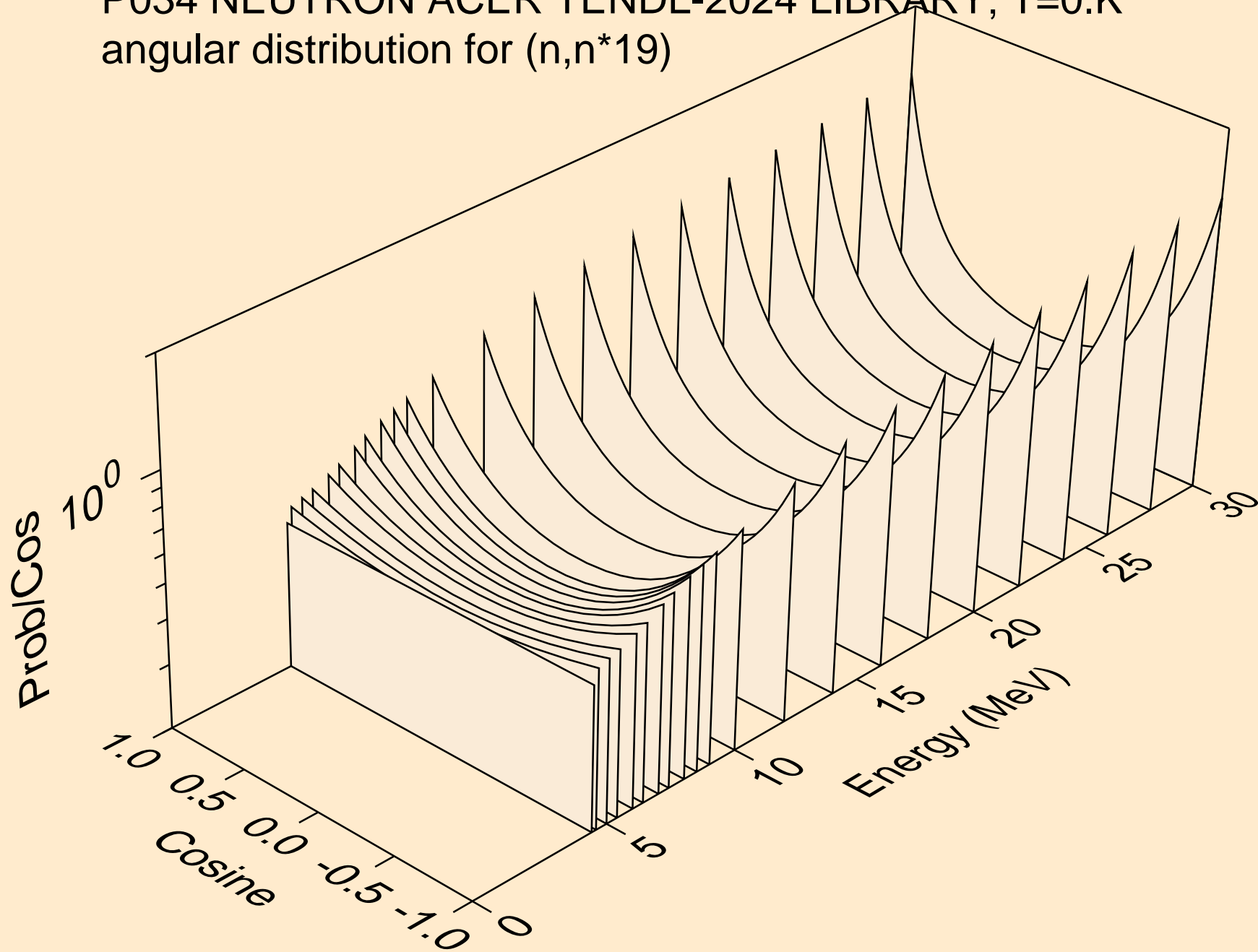




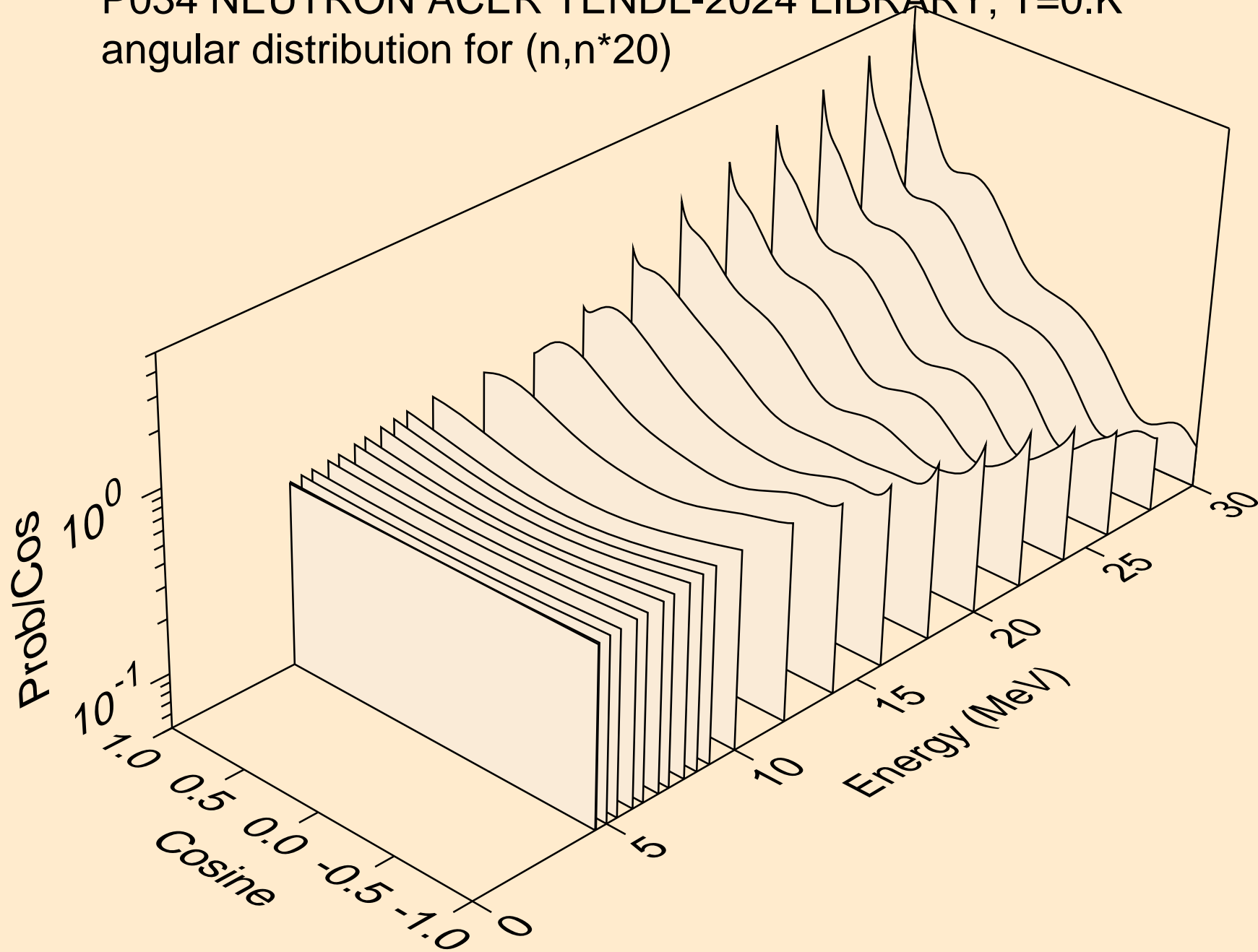
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angular distribution for (n,n\*18)



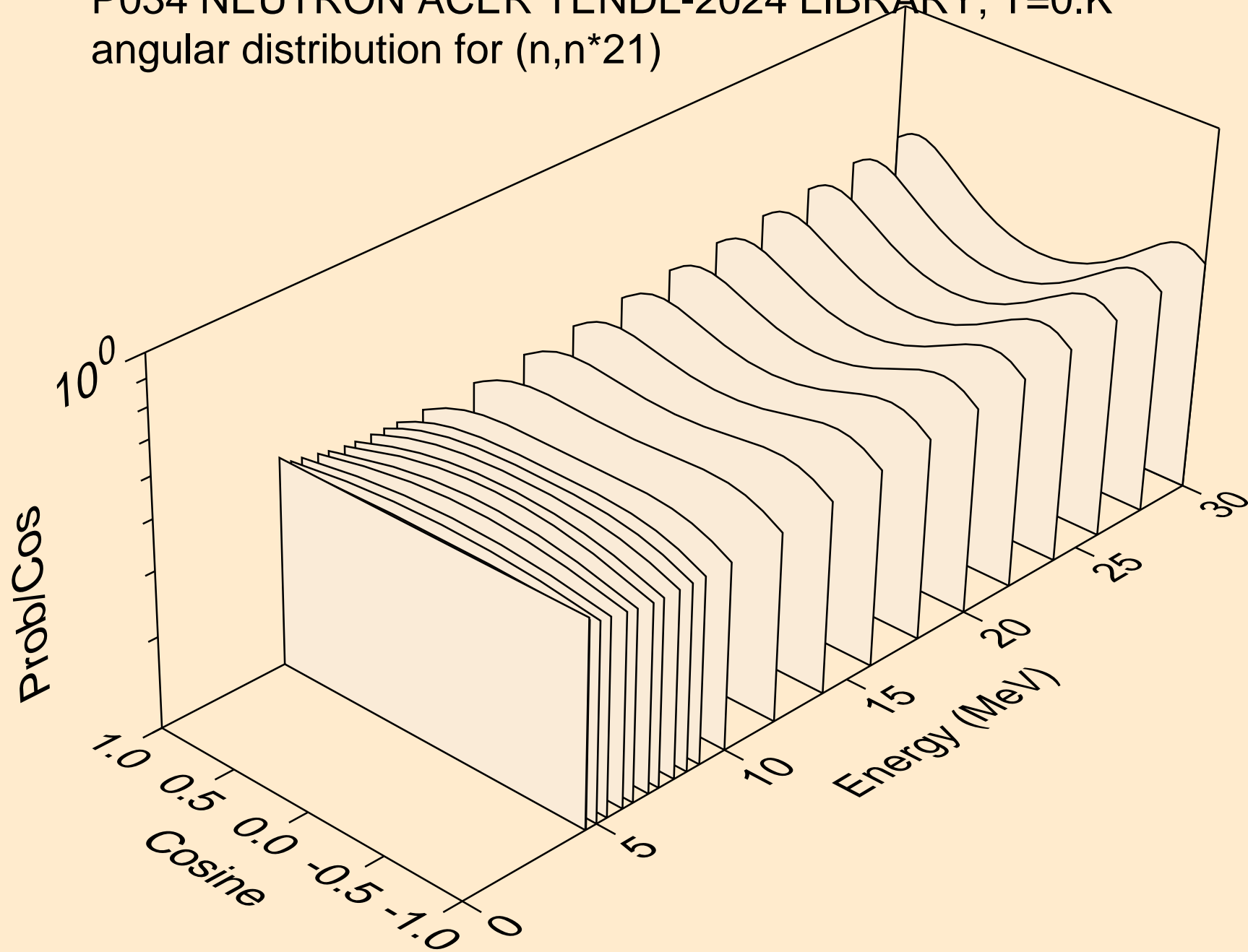
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angular distribution for (n,n\*19)



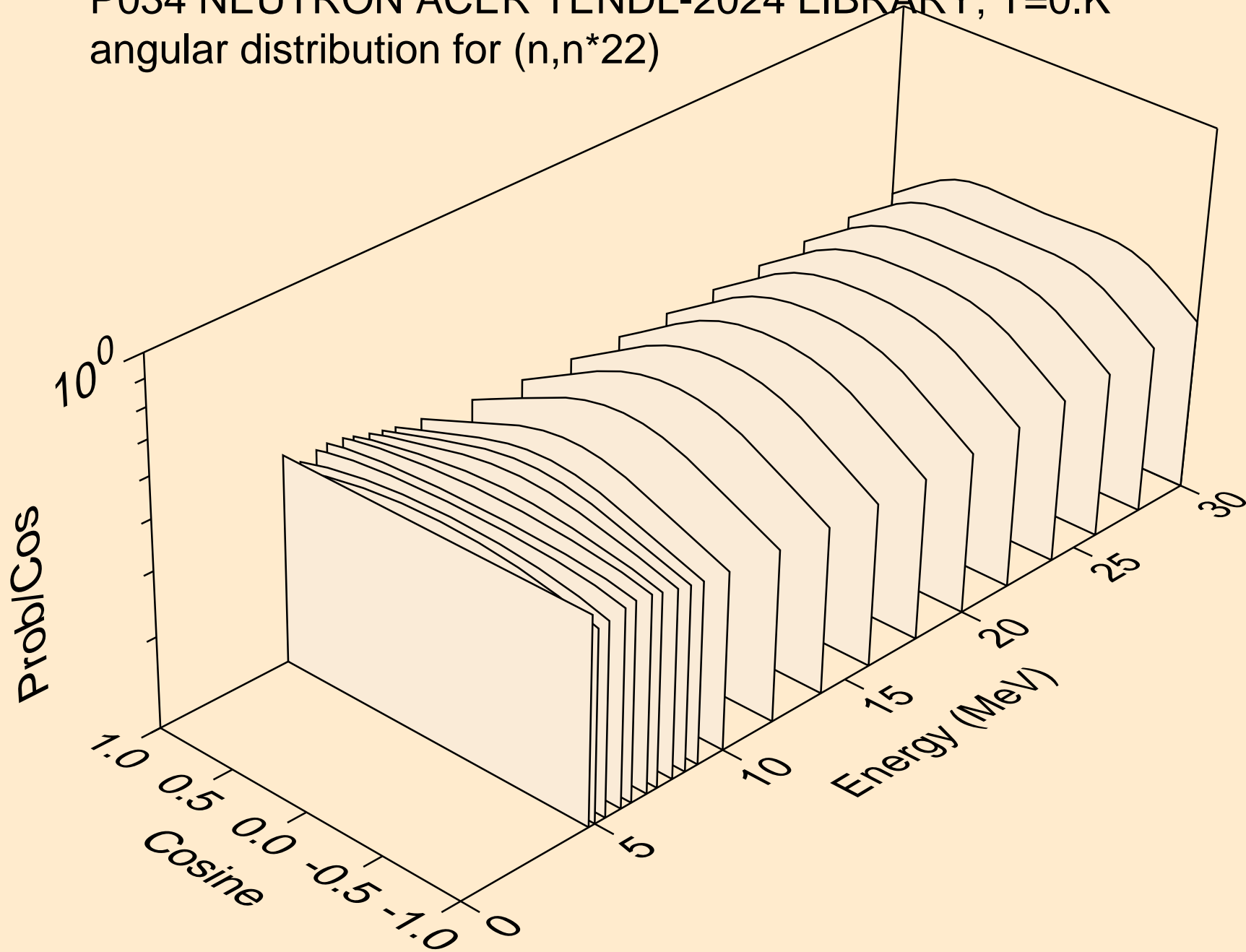
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angular distribution for (n,n\*20)



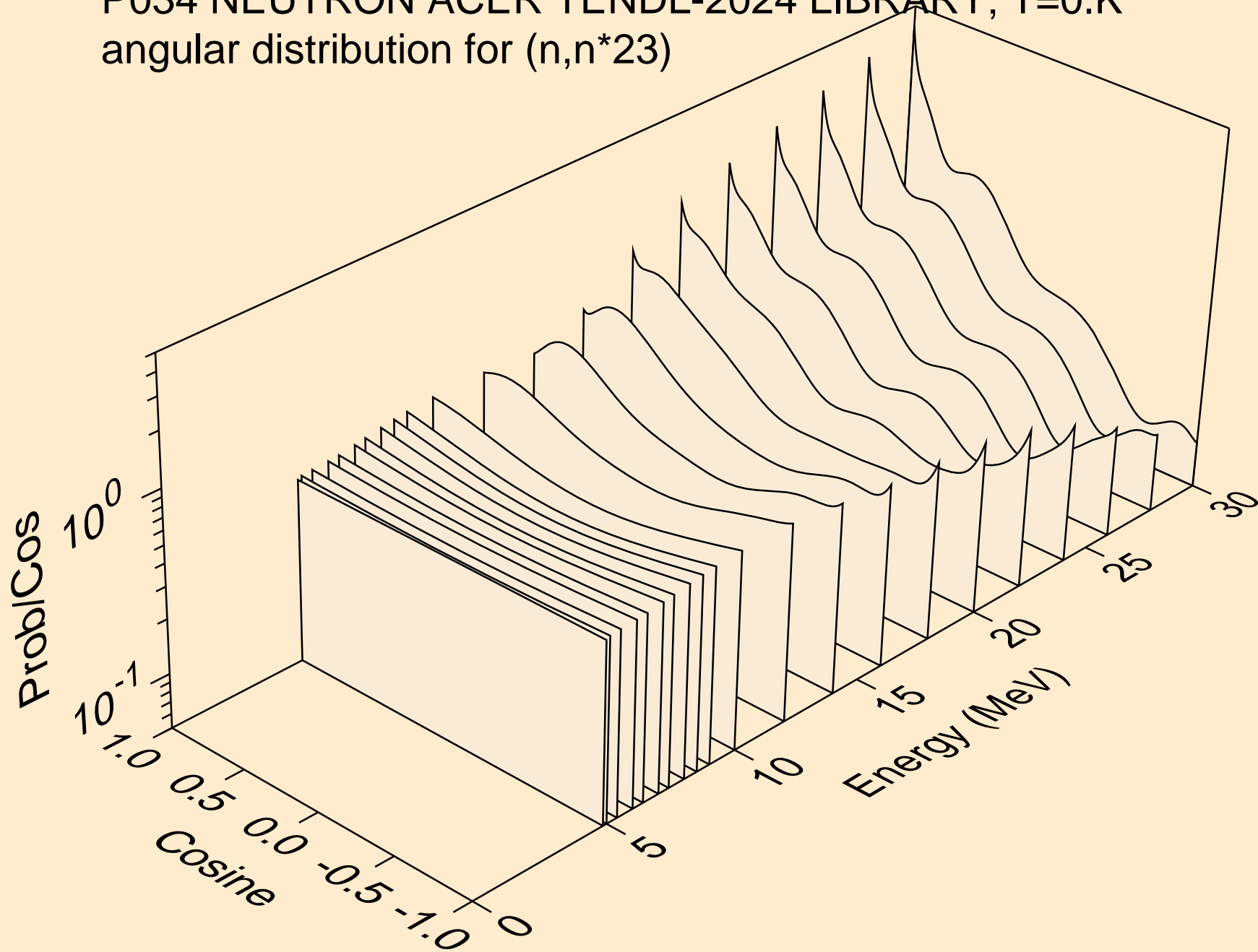
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angular distribution for (n,n\*21)



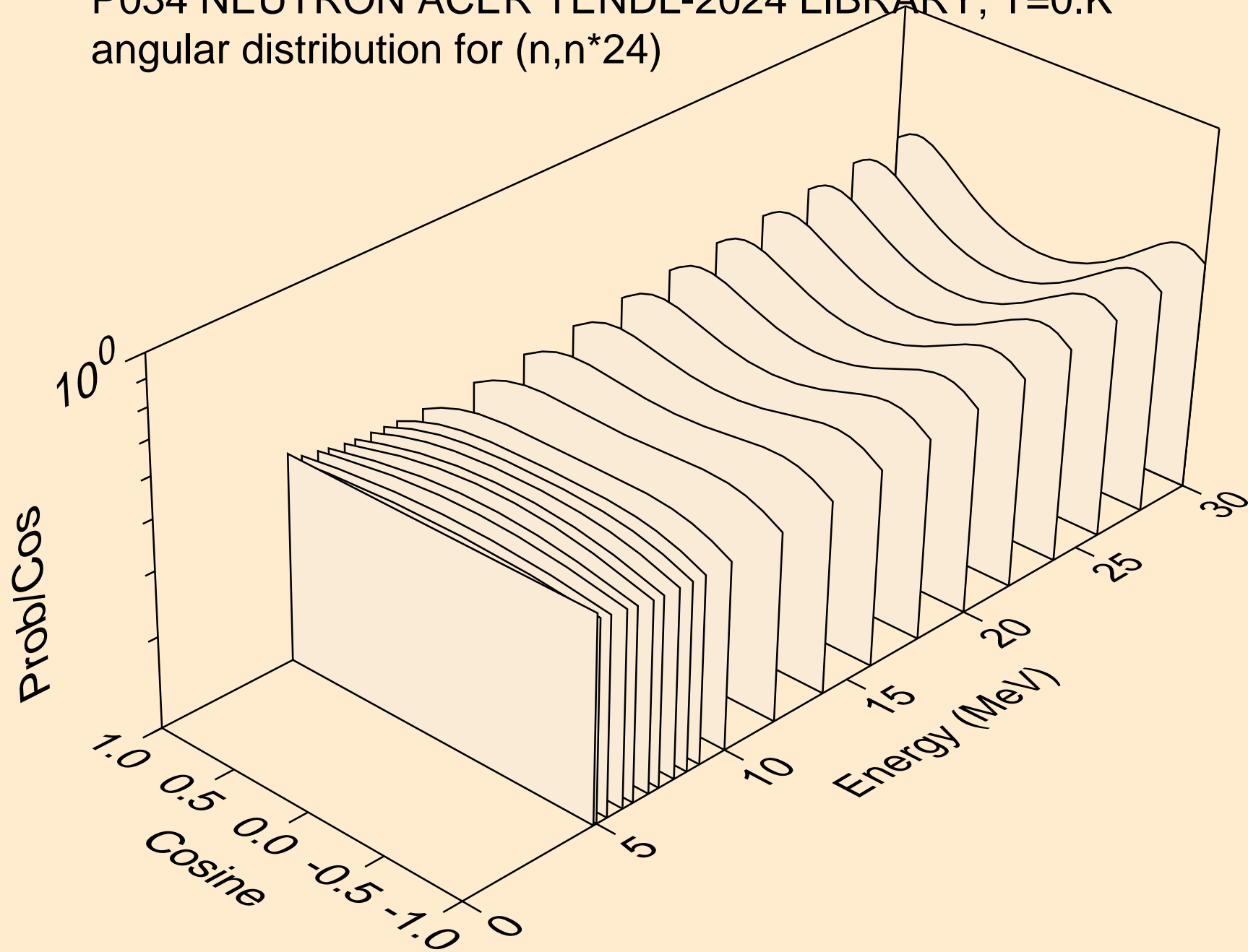
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angular distribution for (n,n\*22)



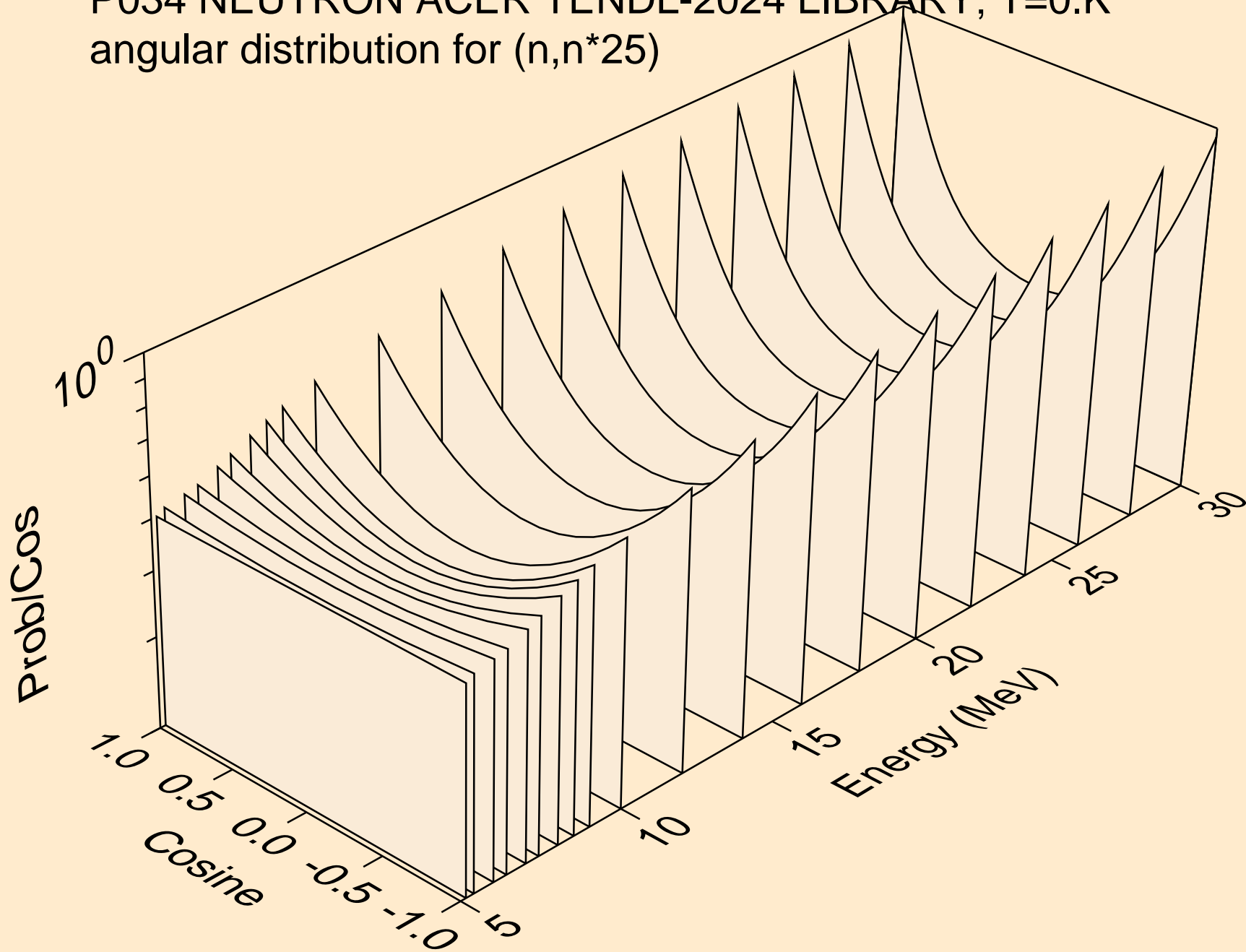
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

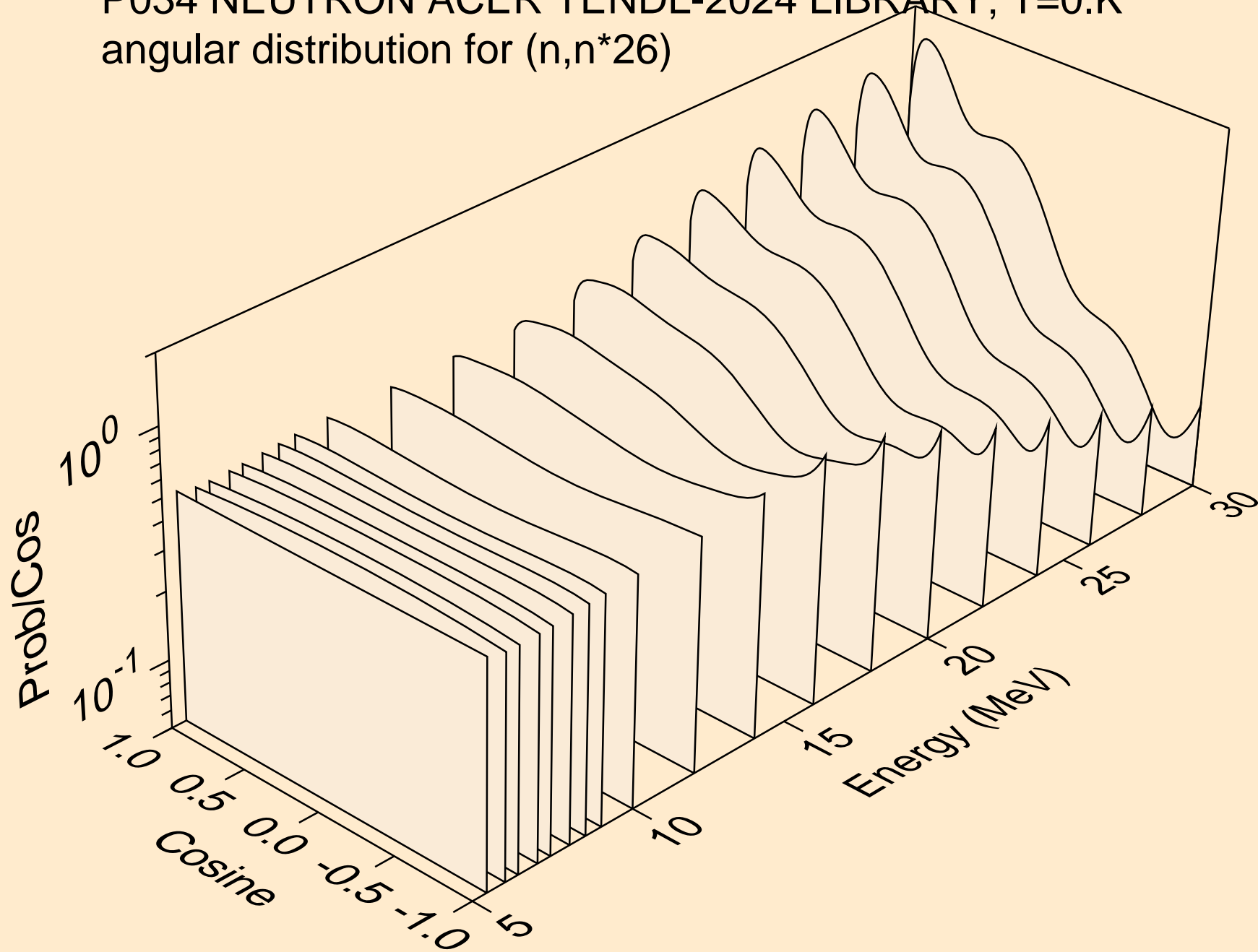


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

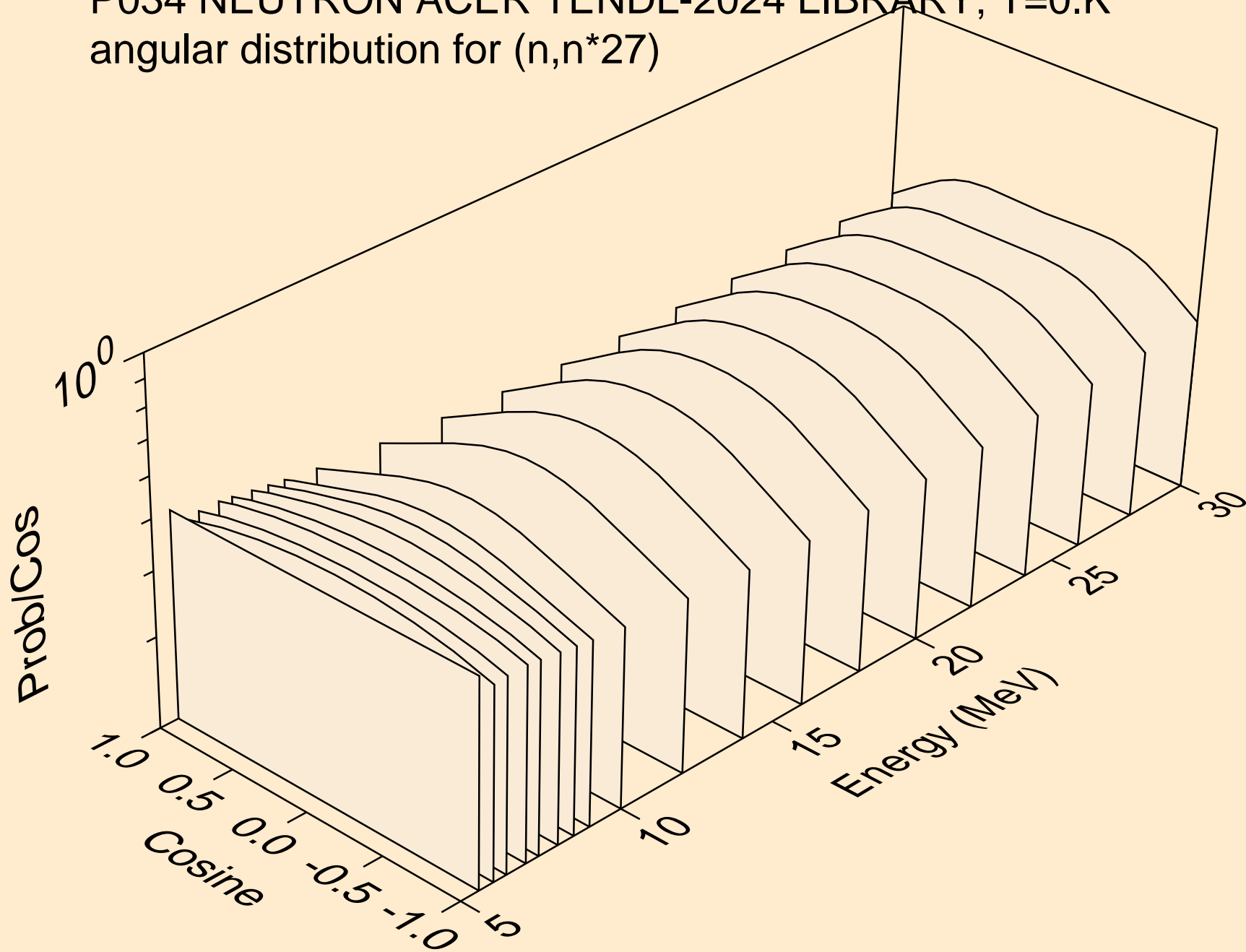




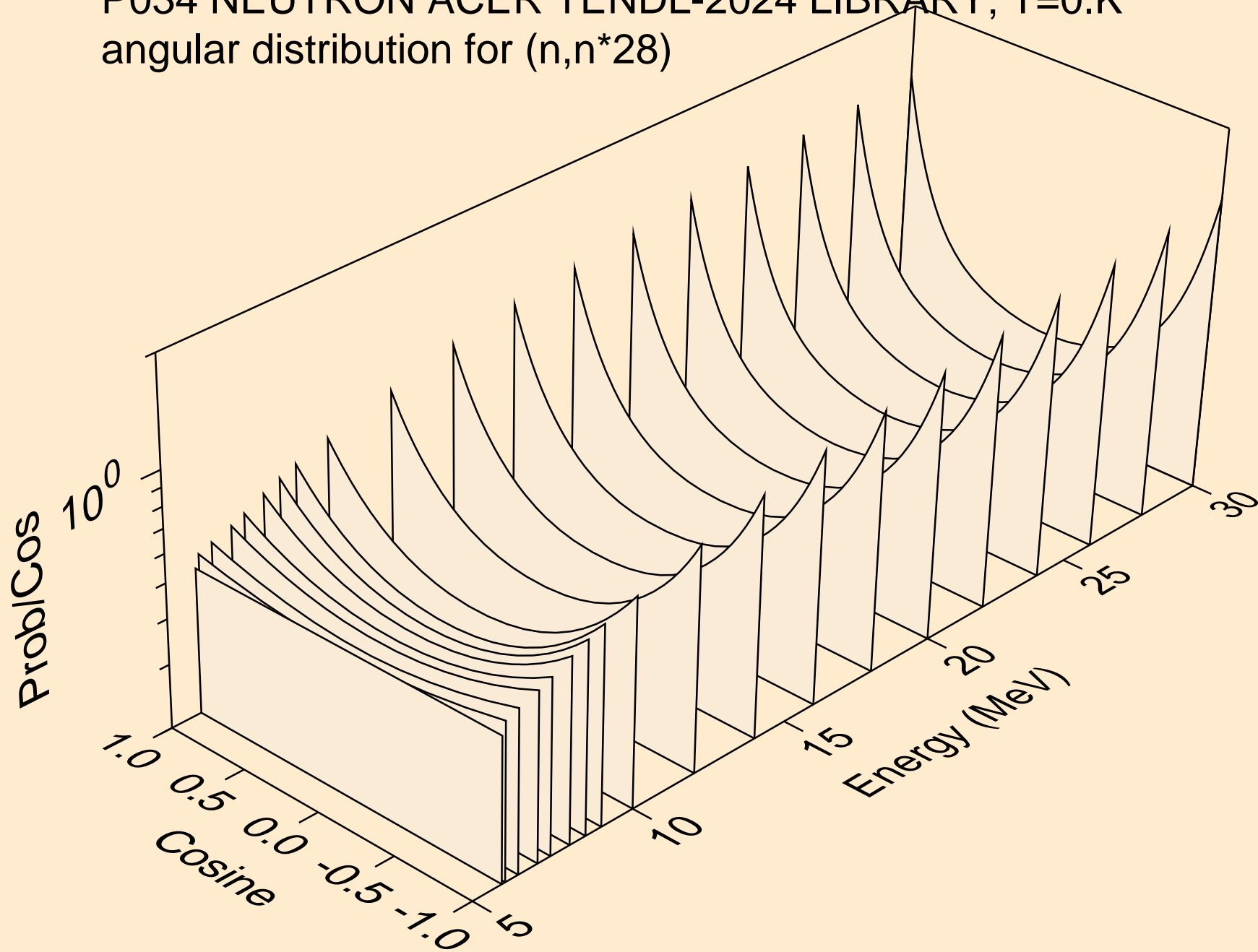
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



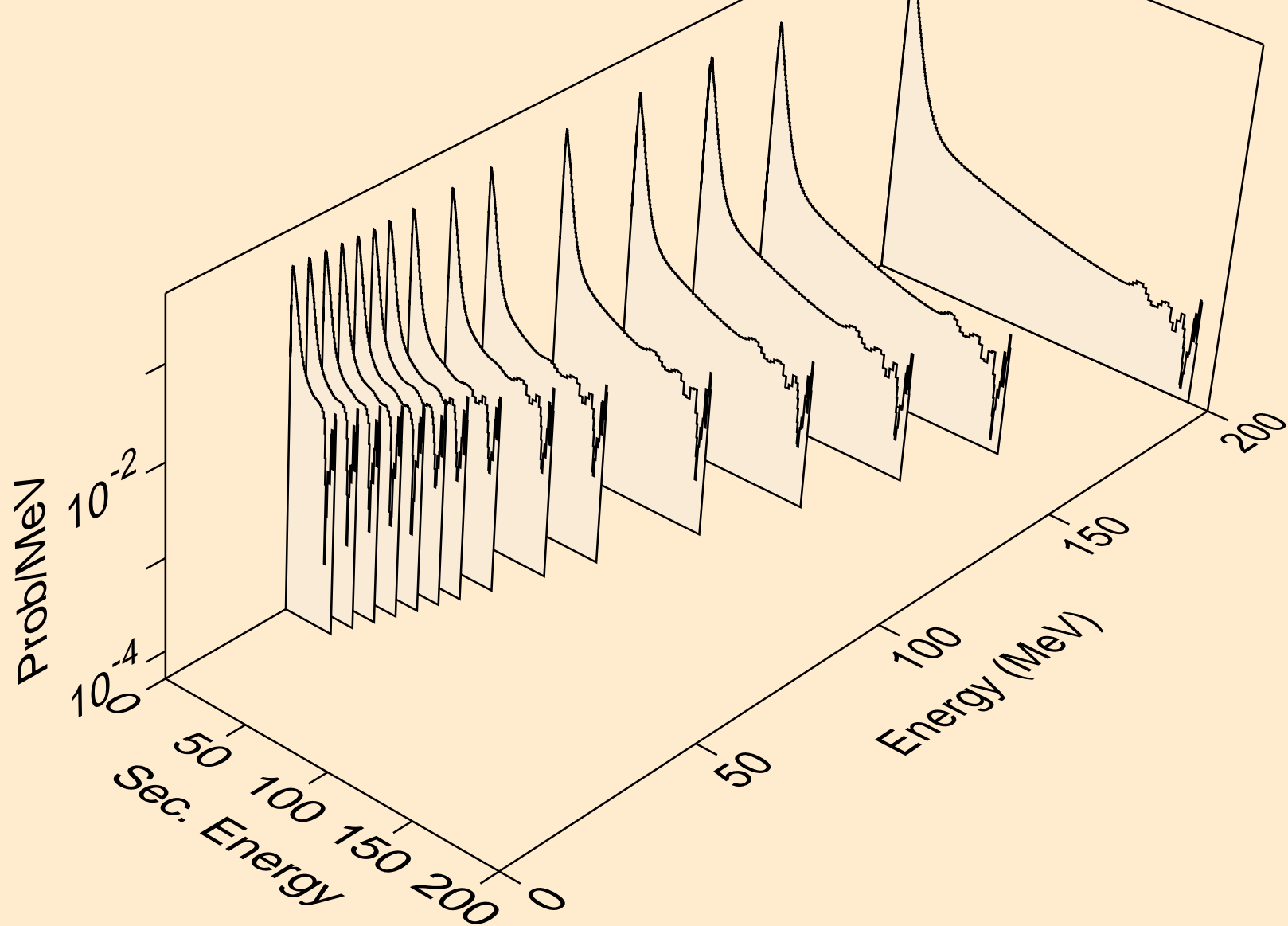
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



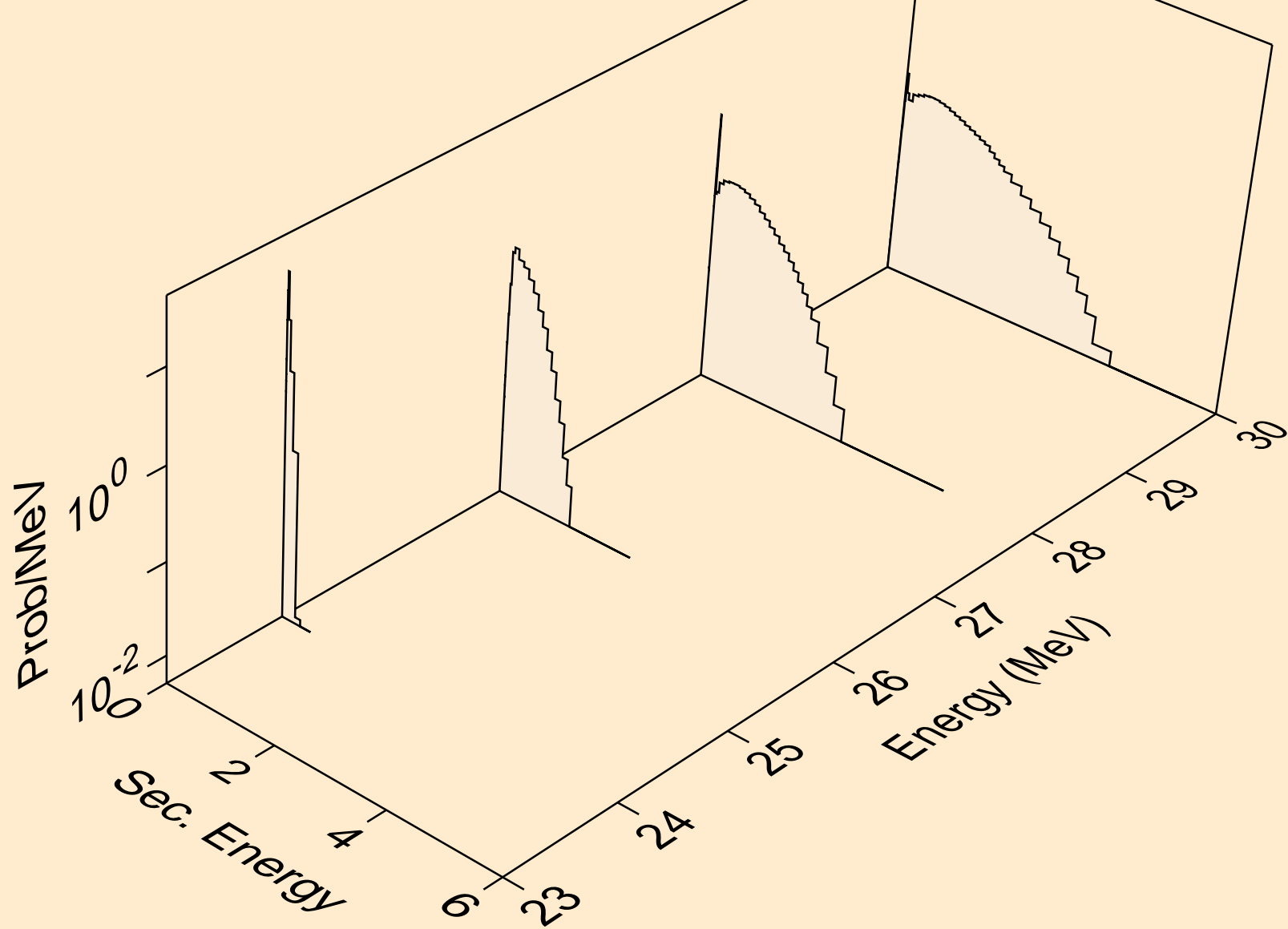
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



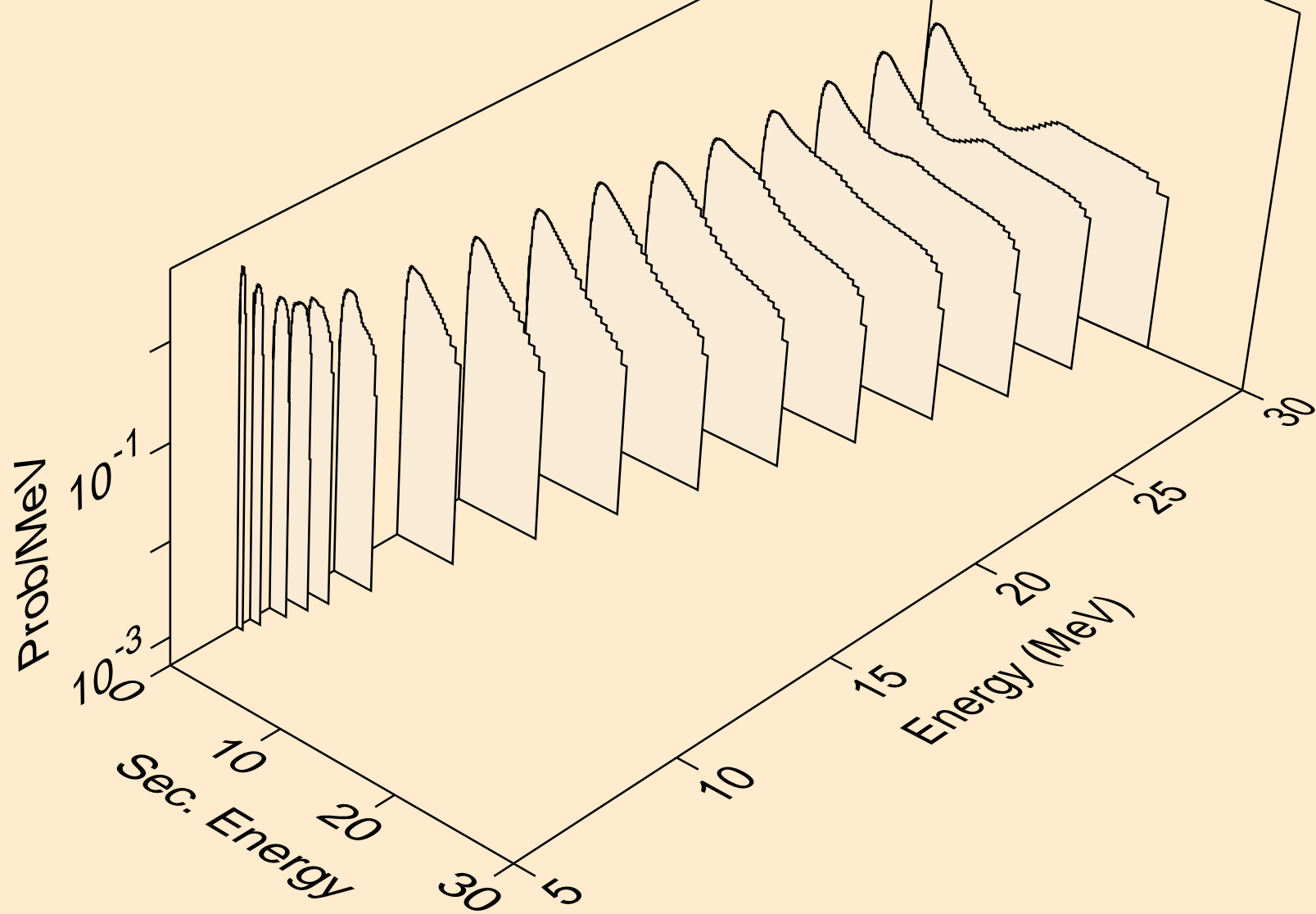
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



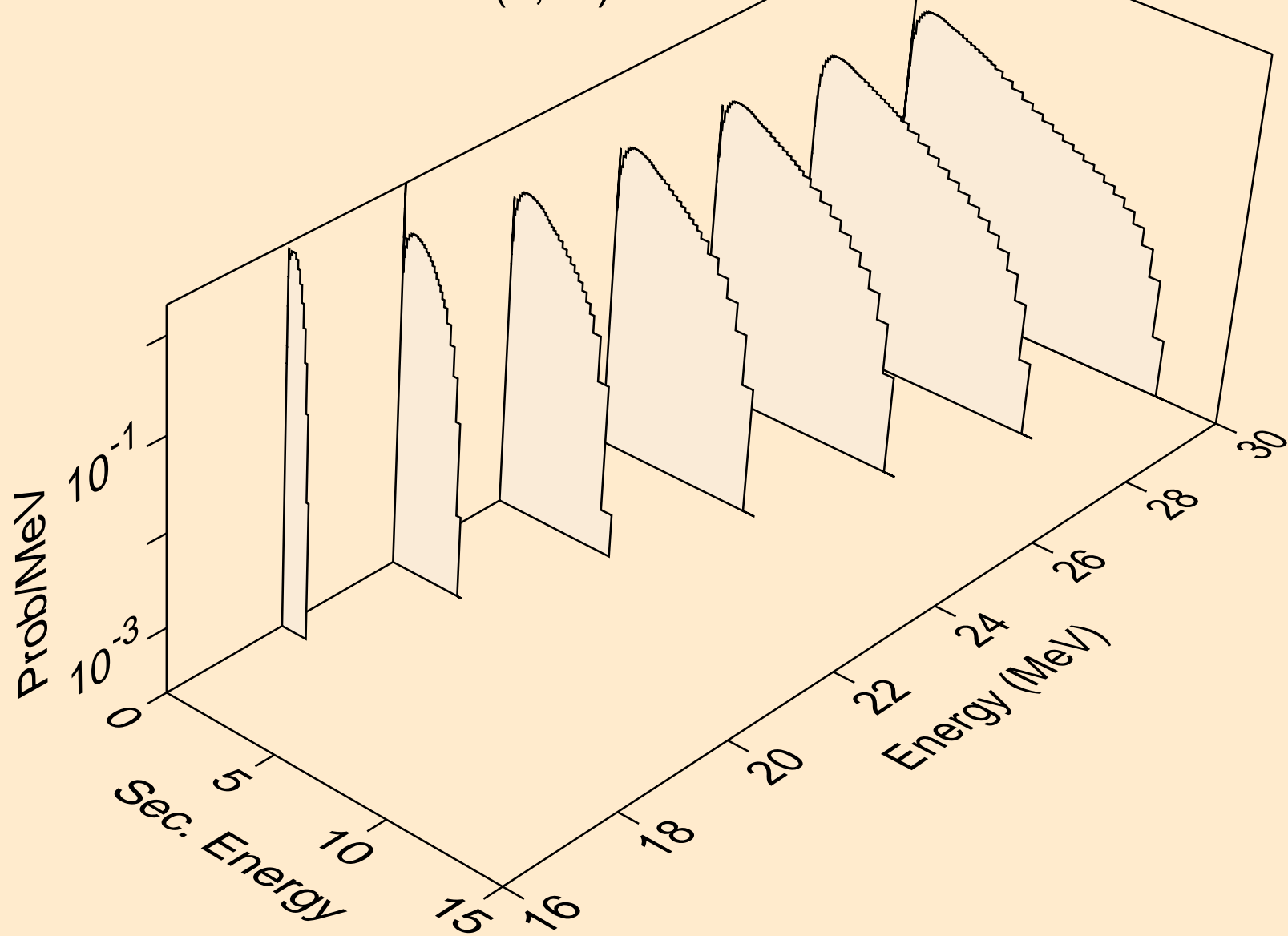
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



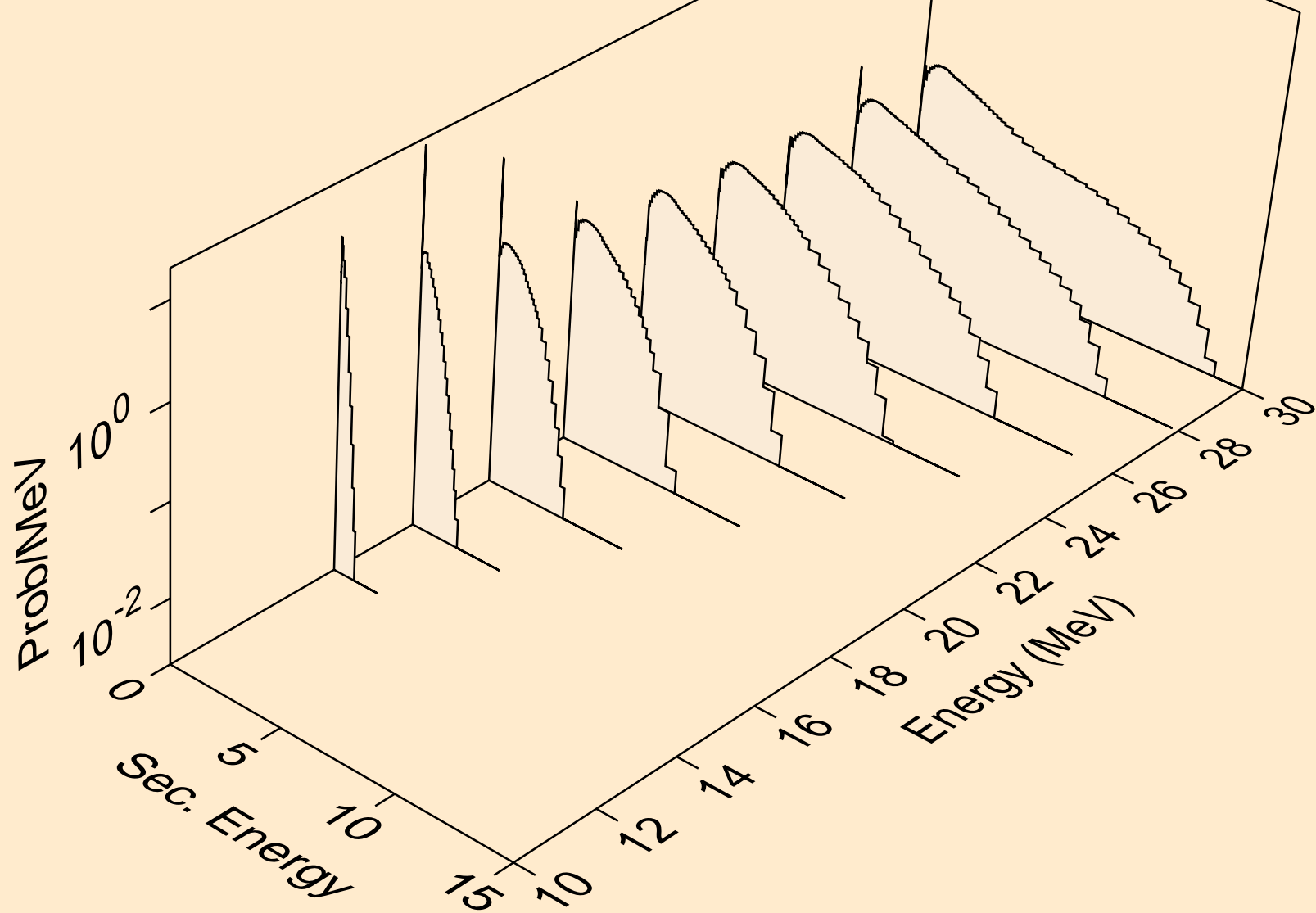
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

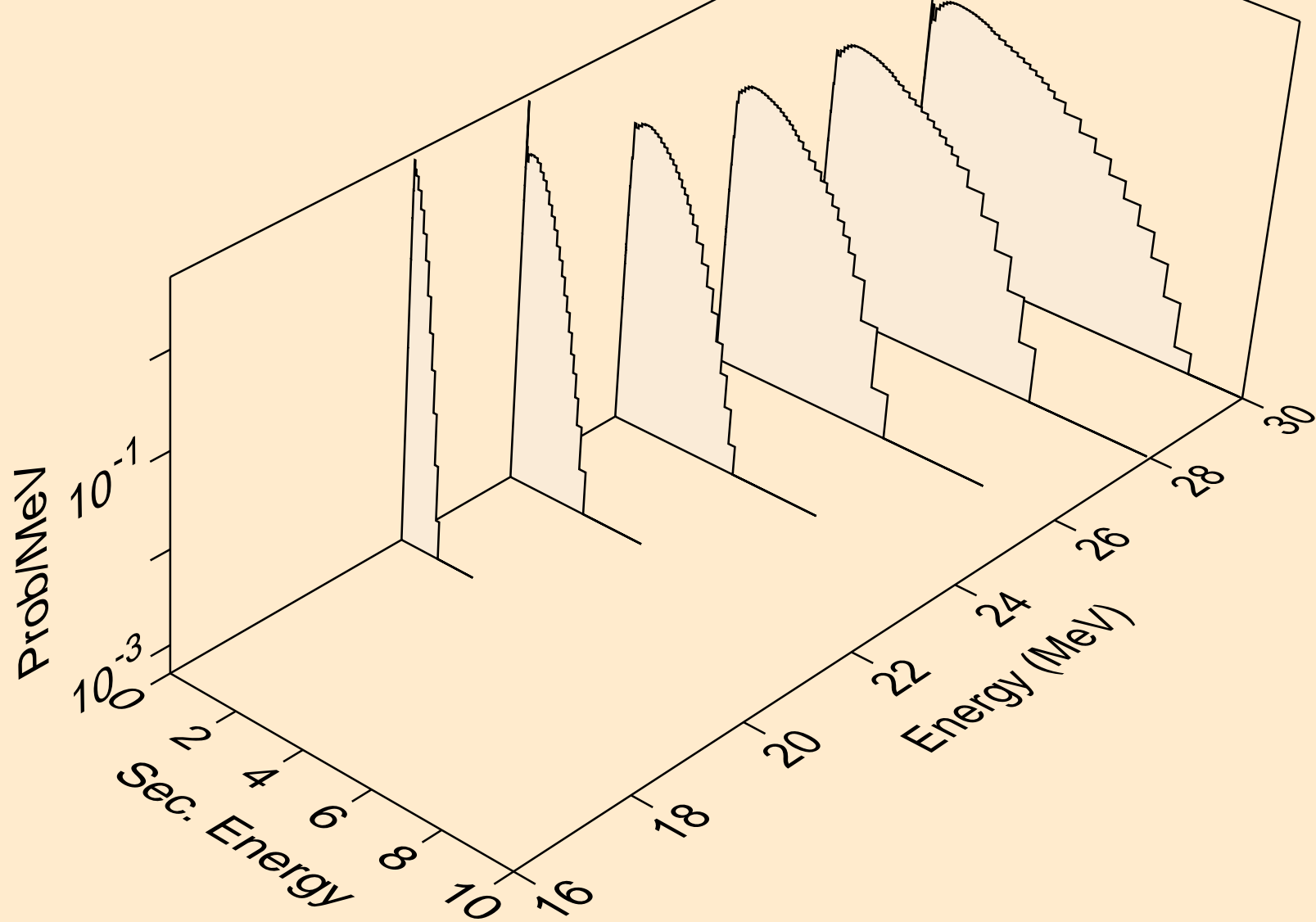


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

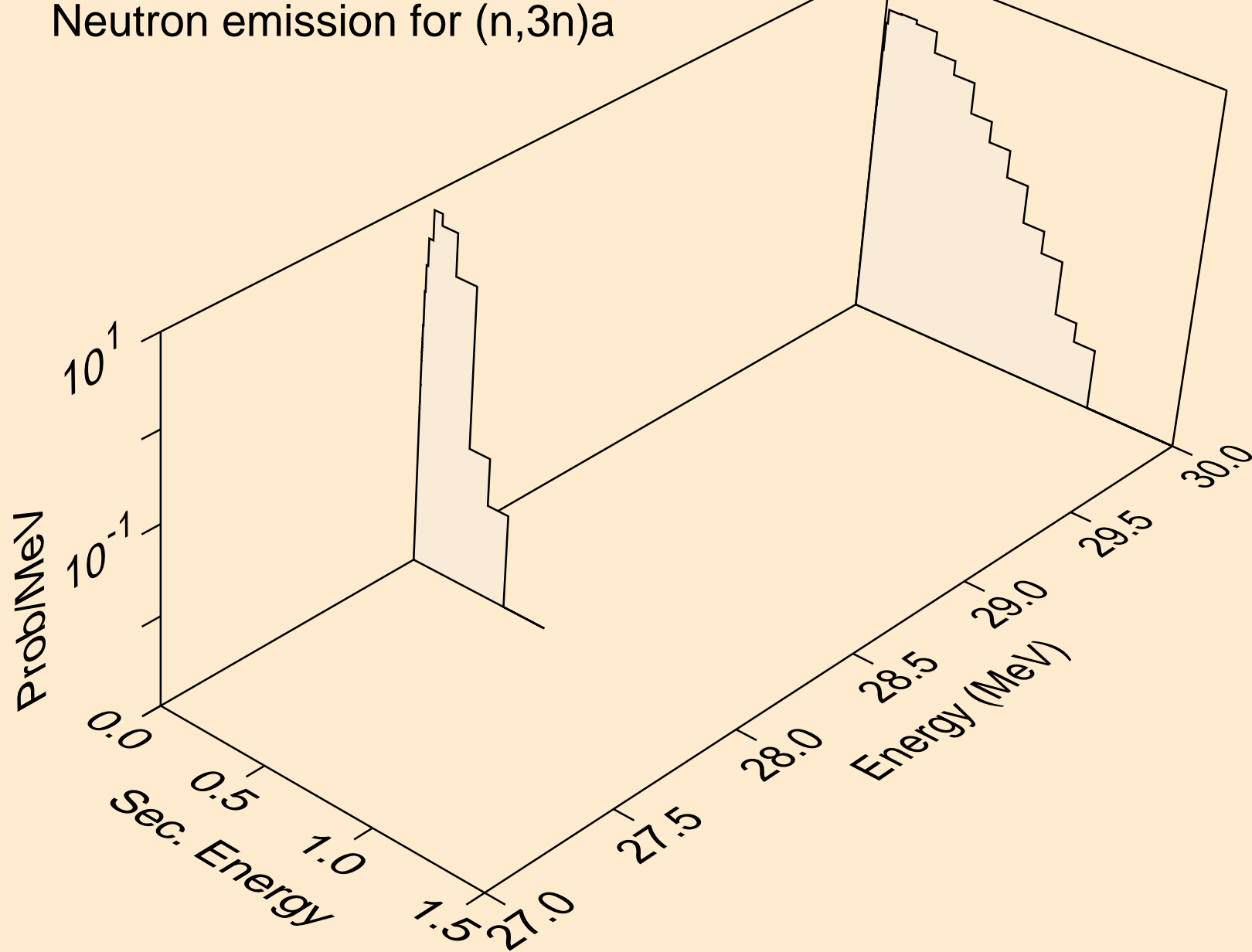




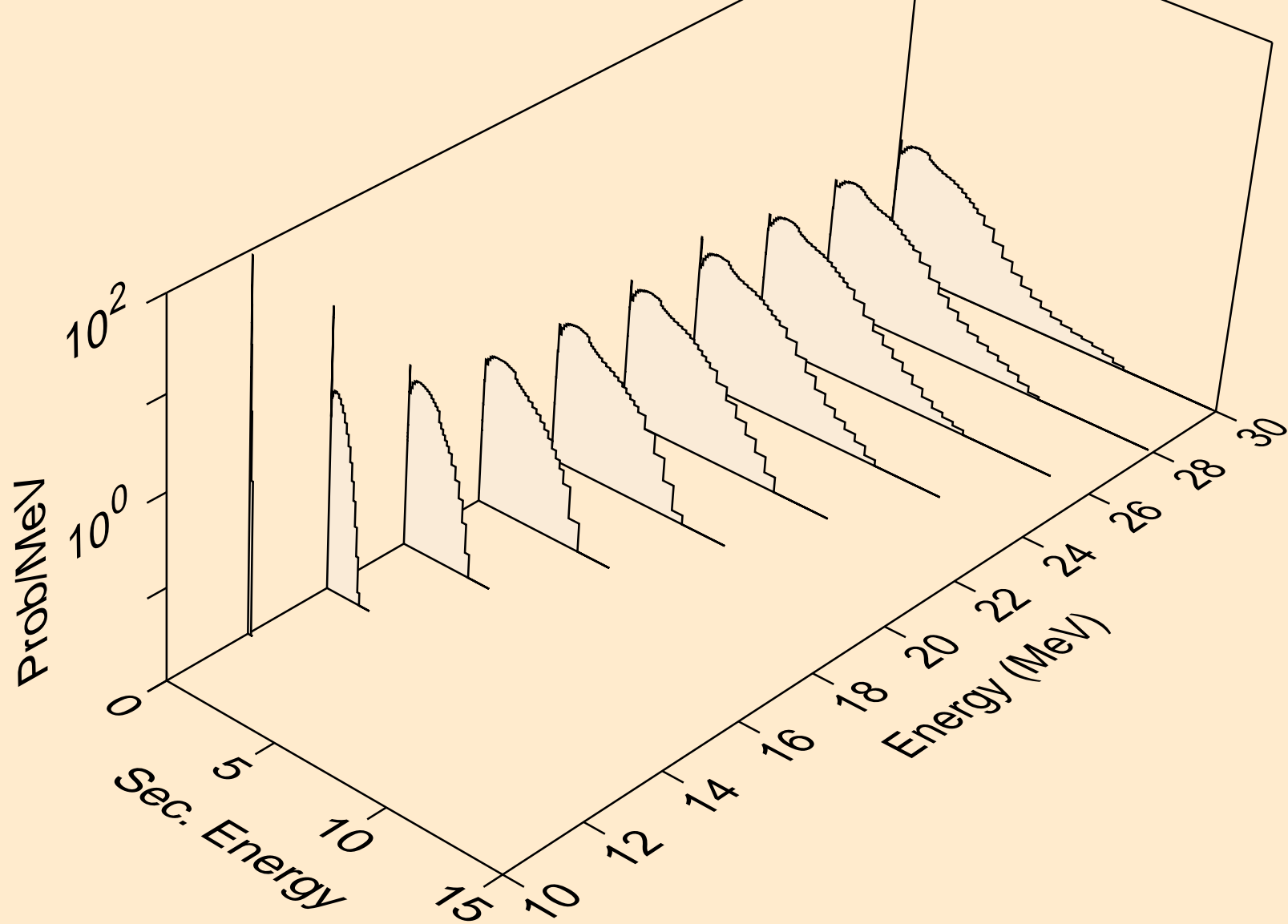
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



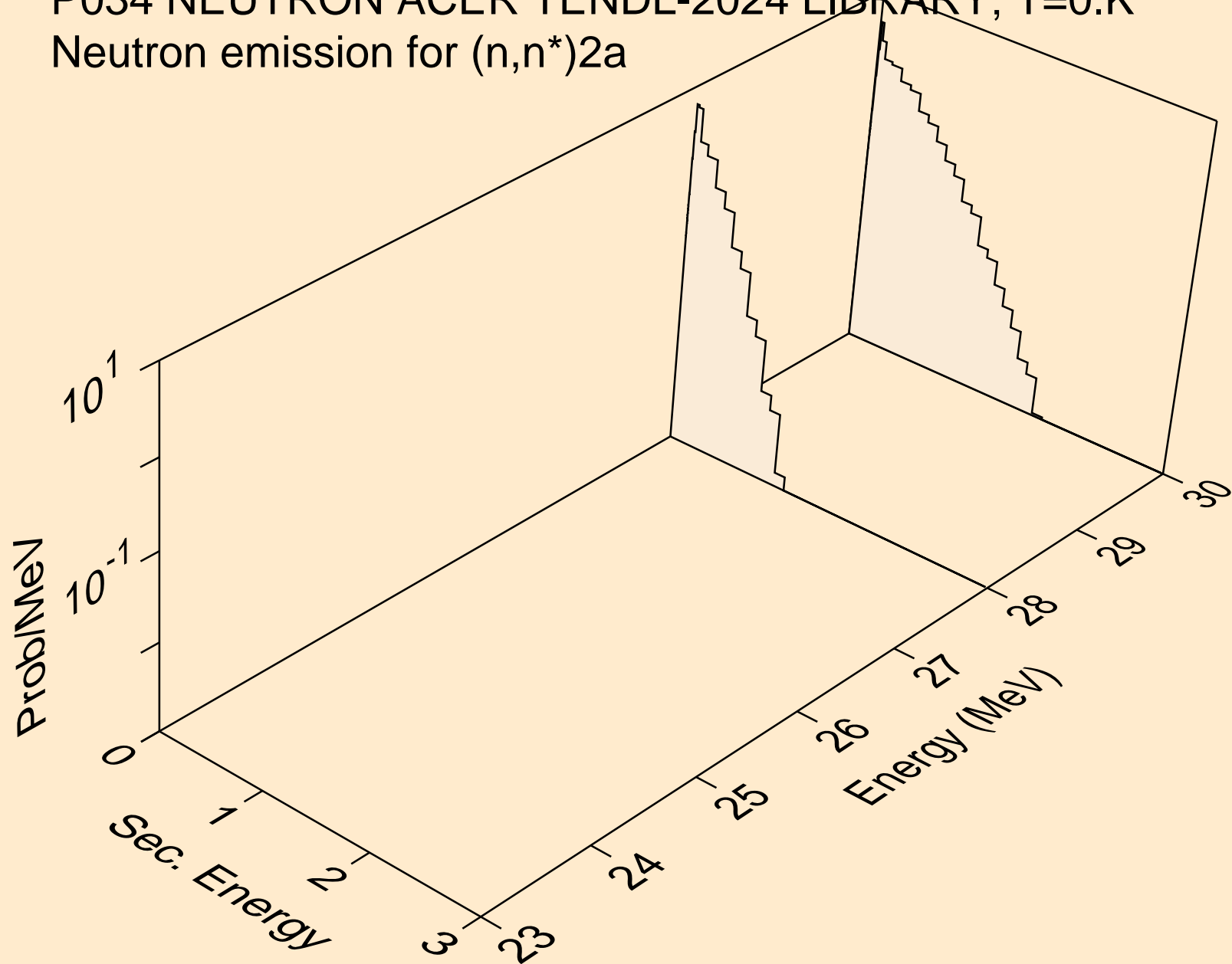
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



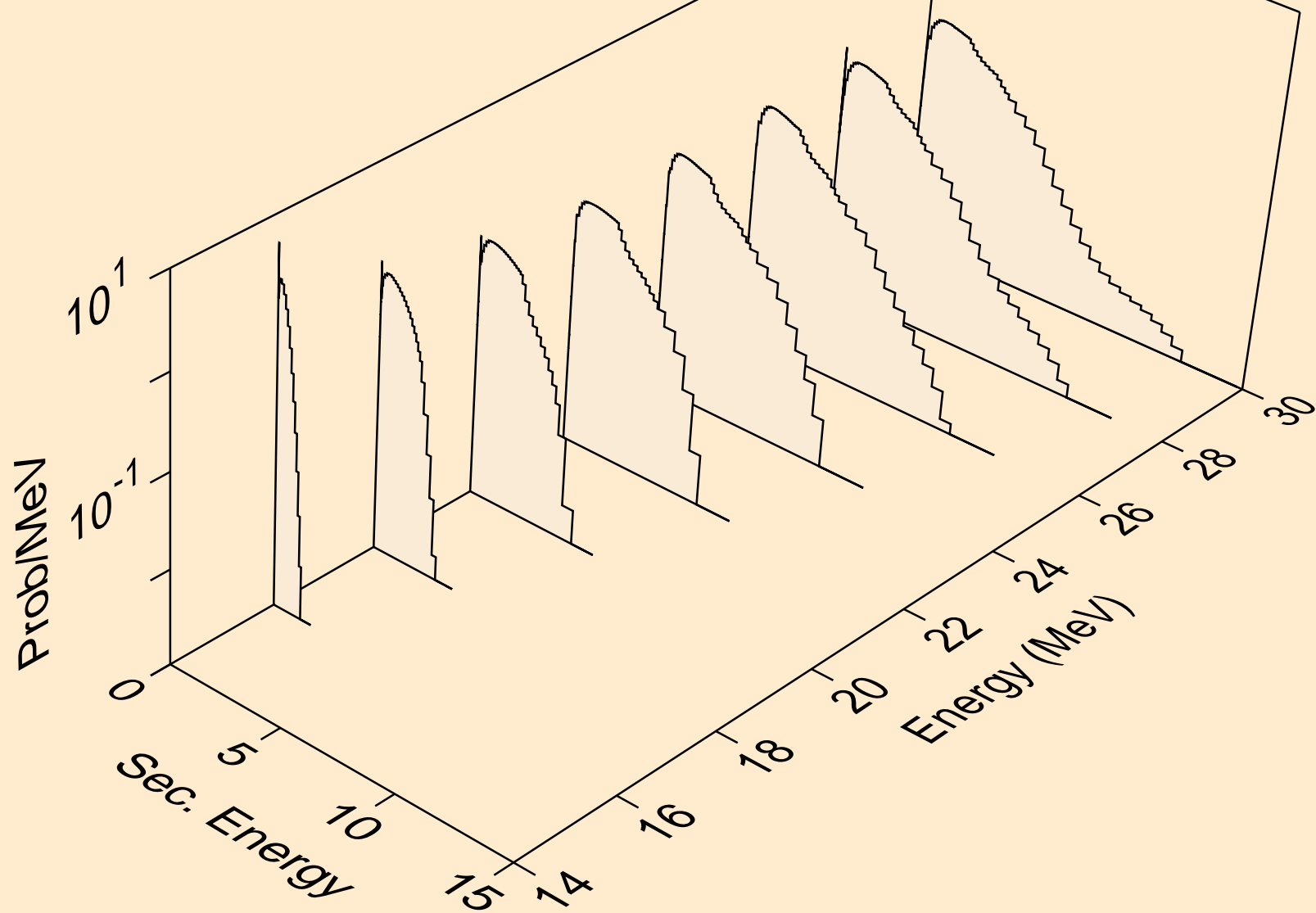
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



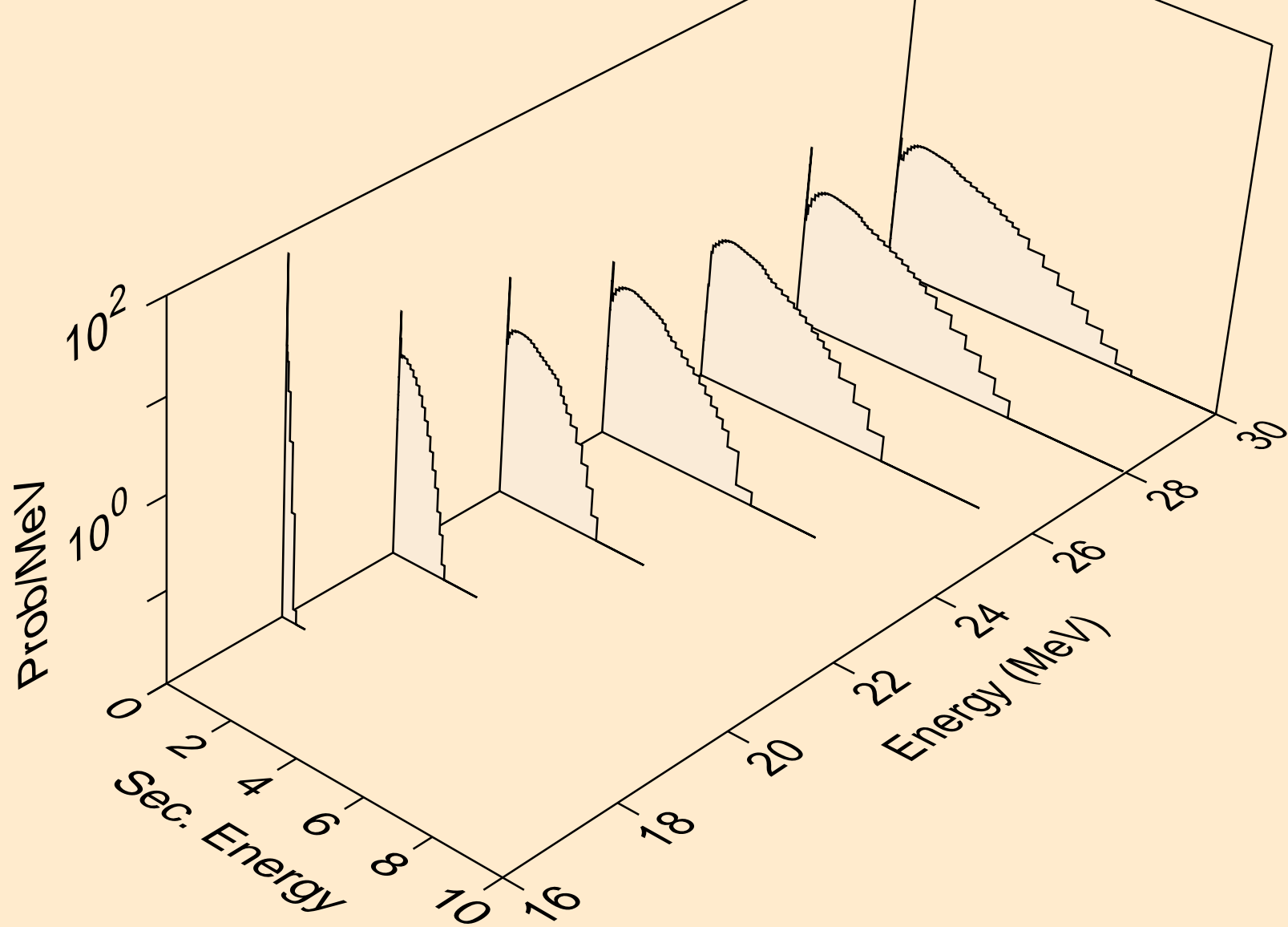
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



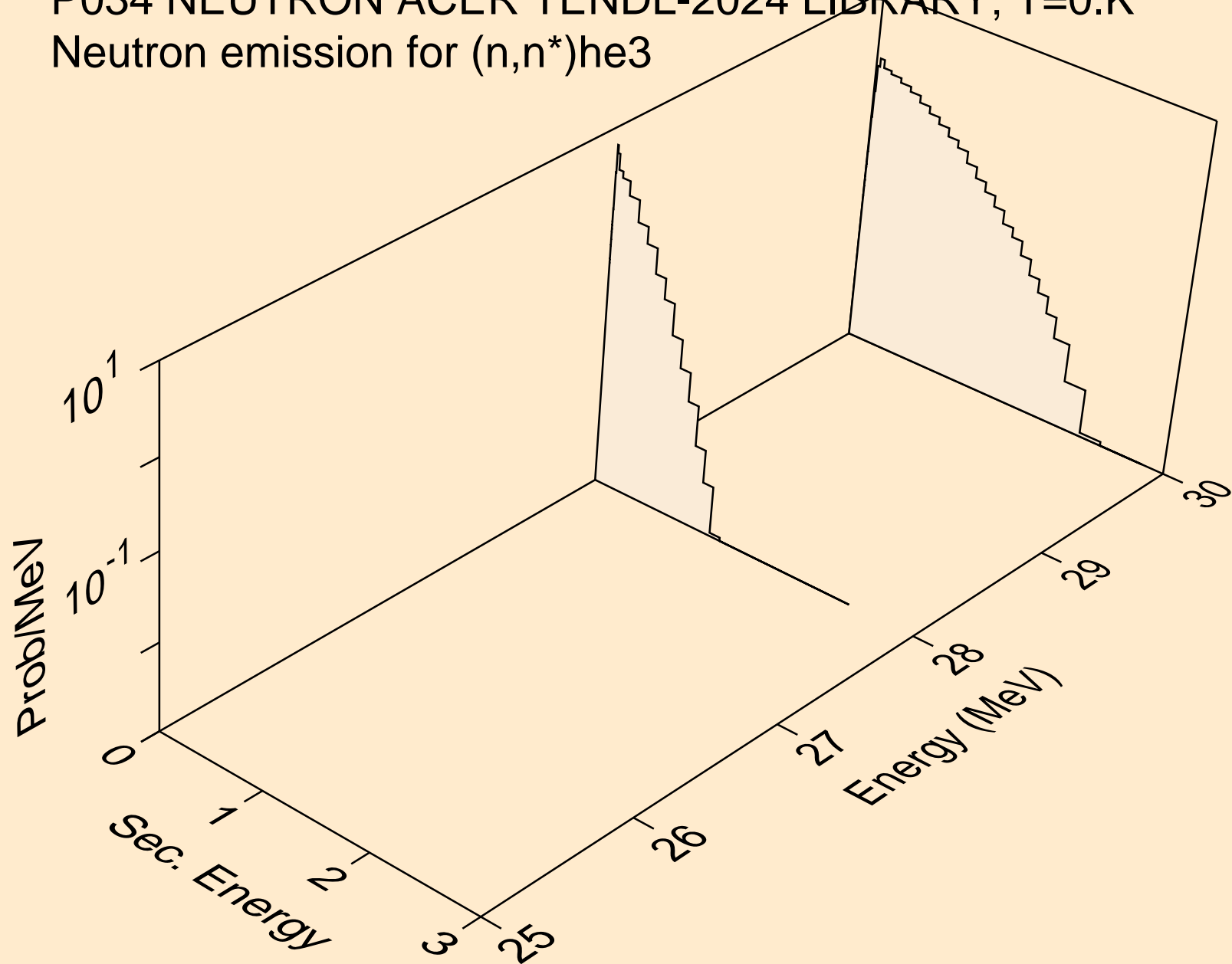
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



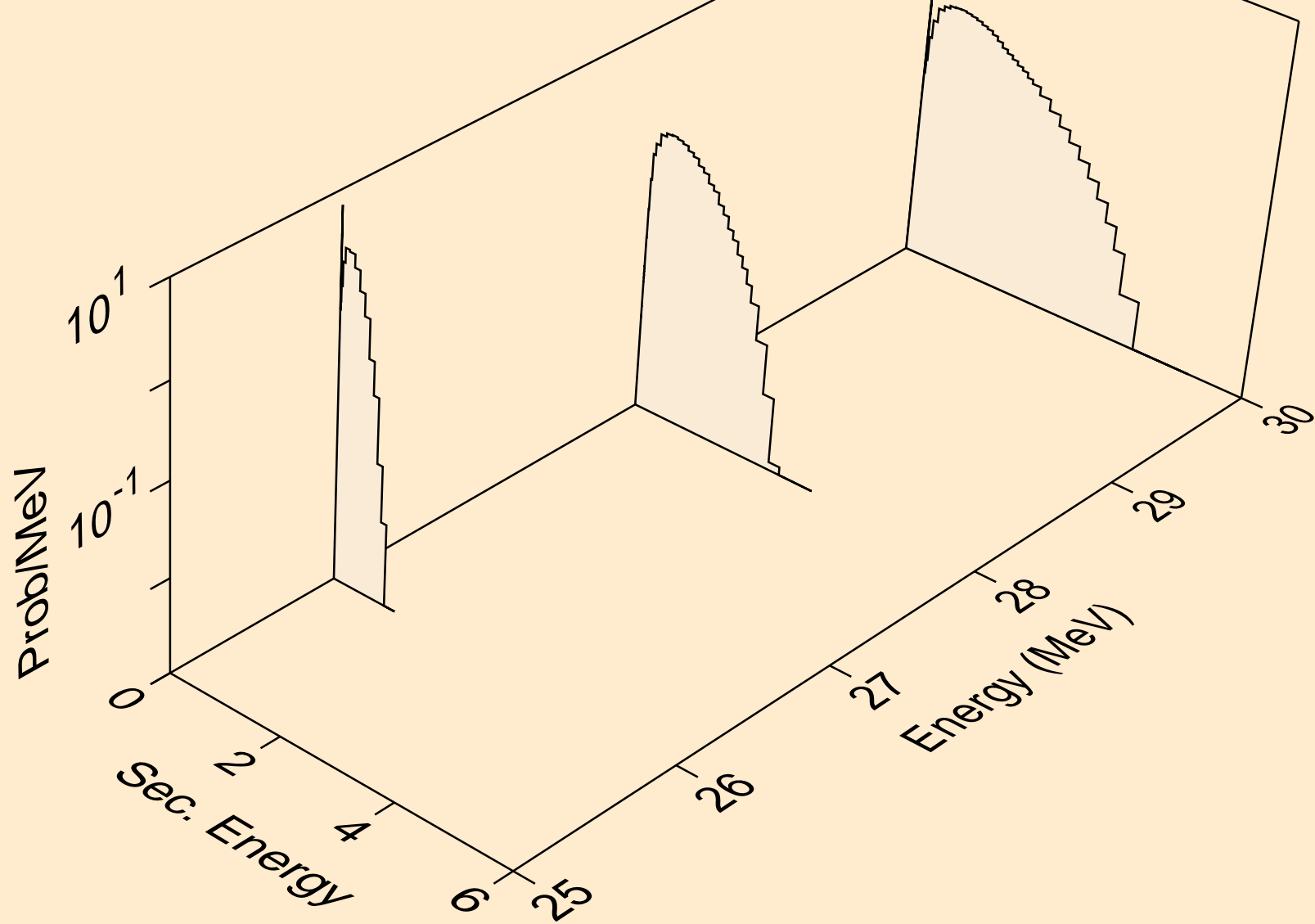
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

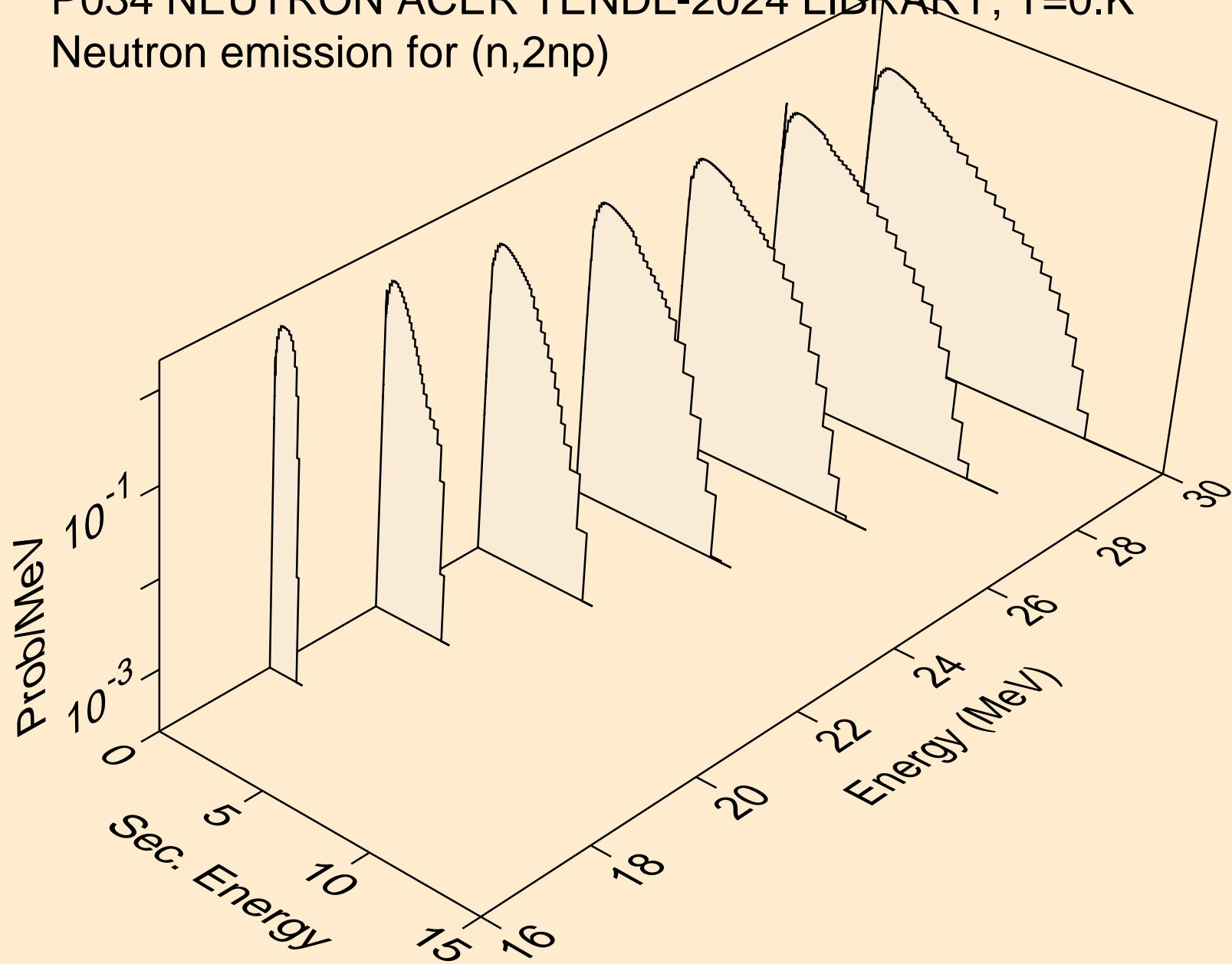


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

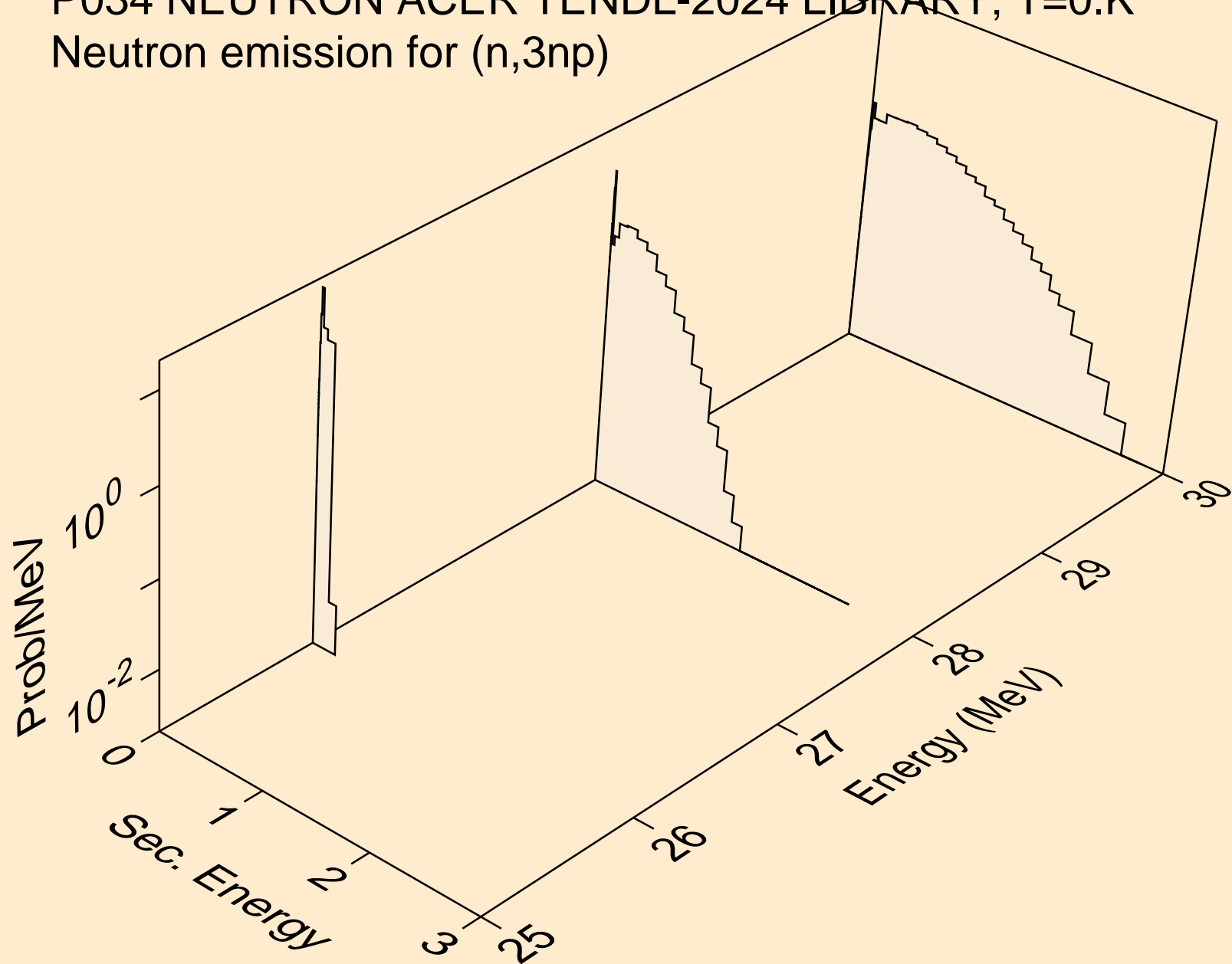




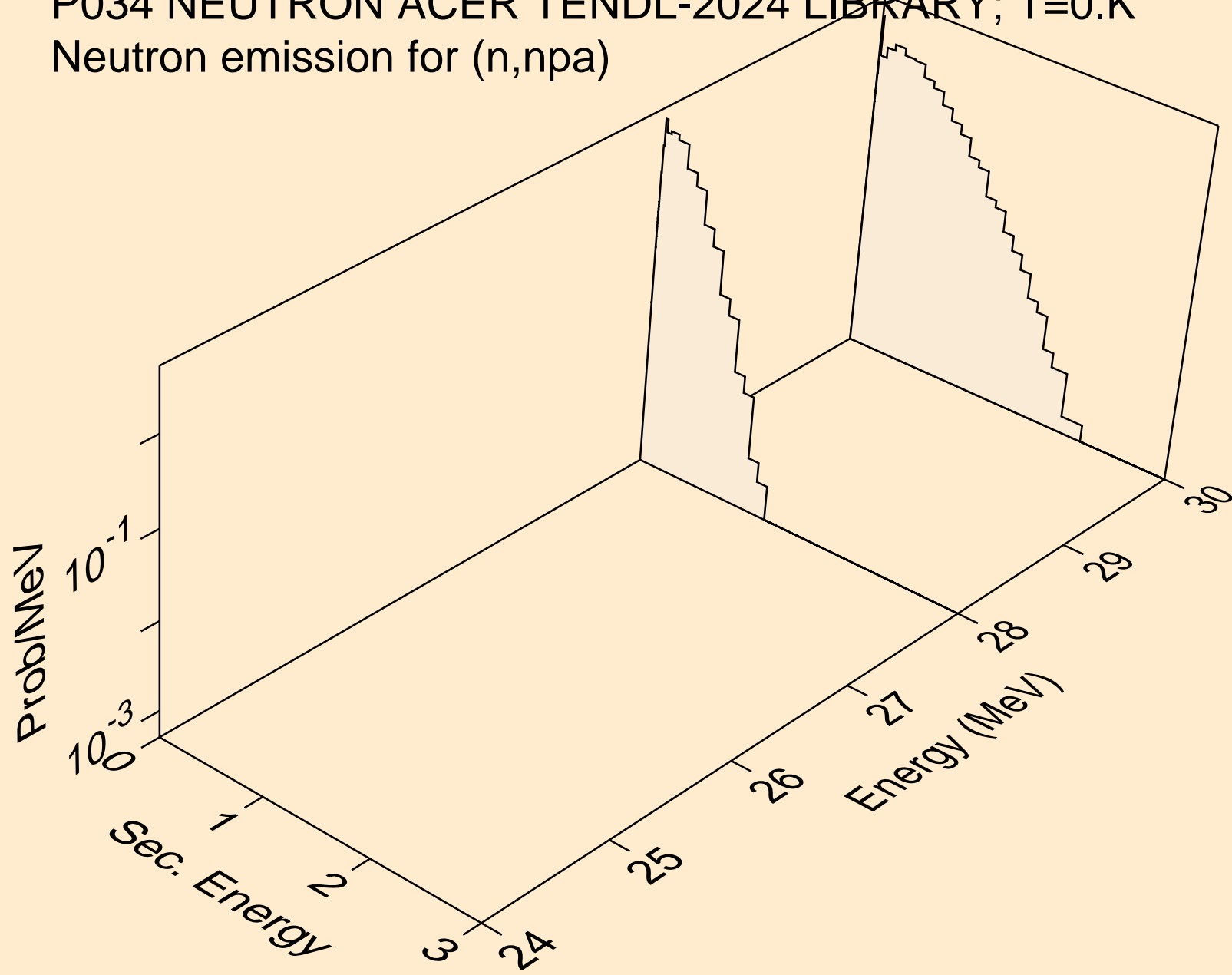
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



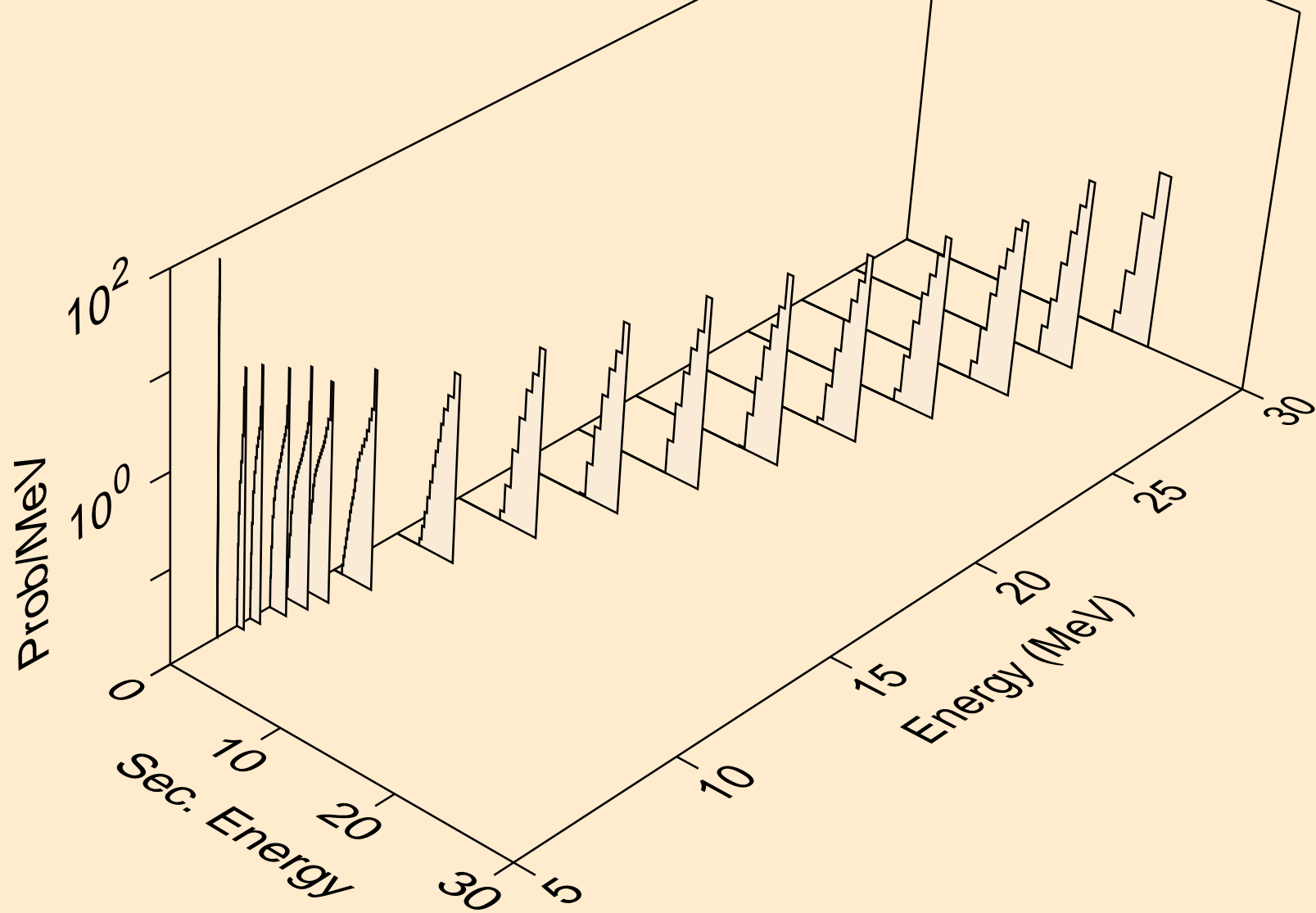
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



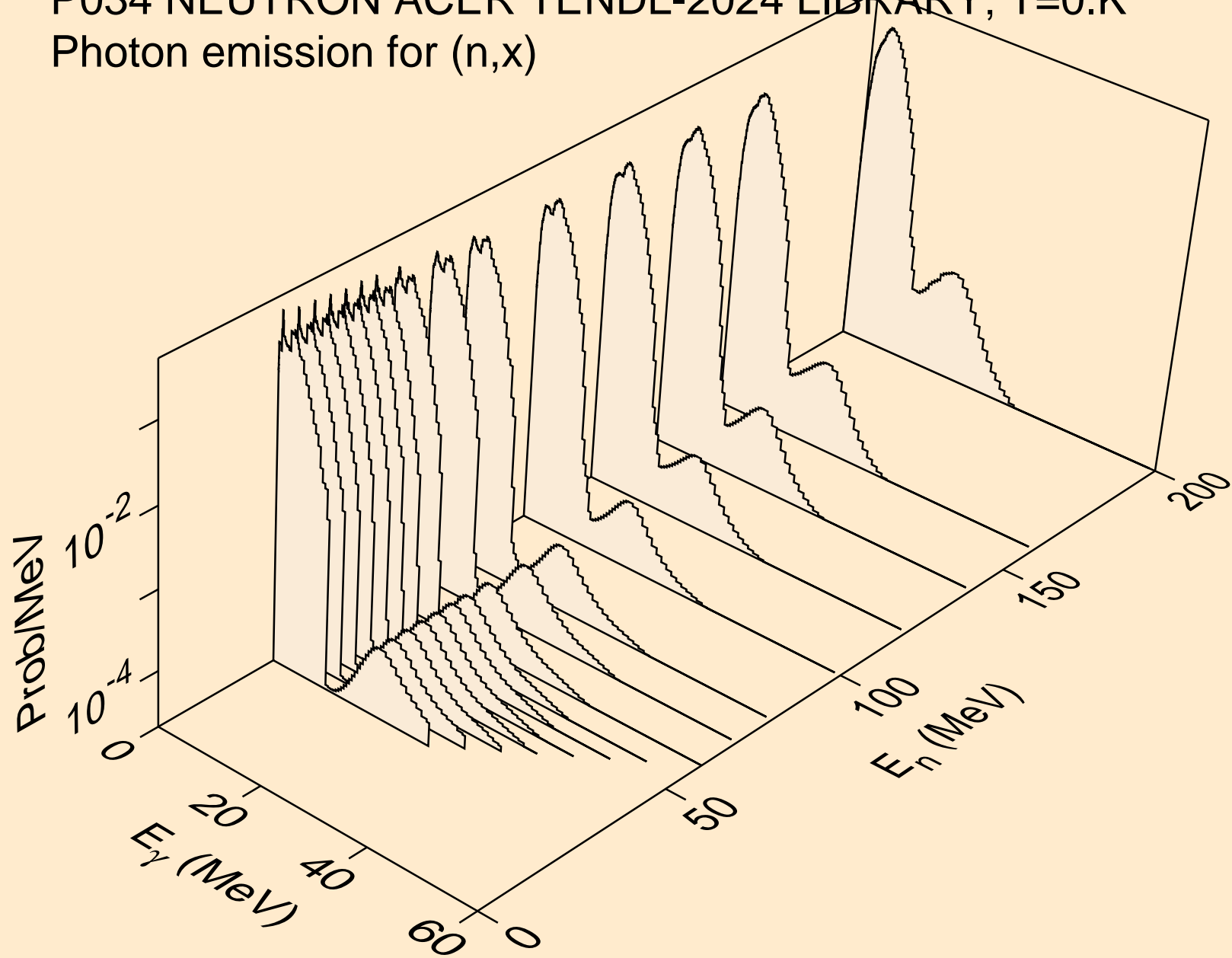
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



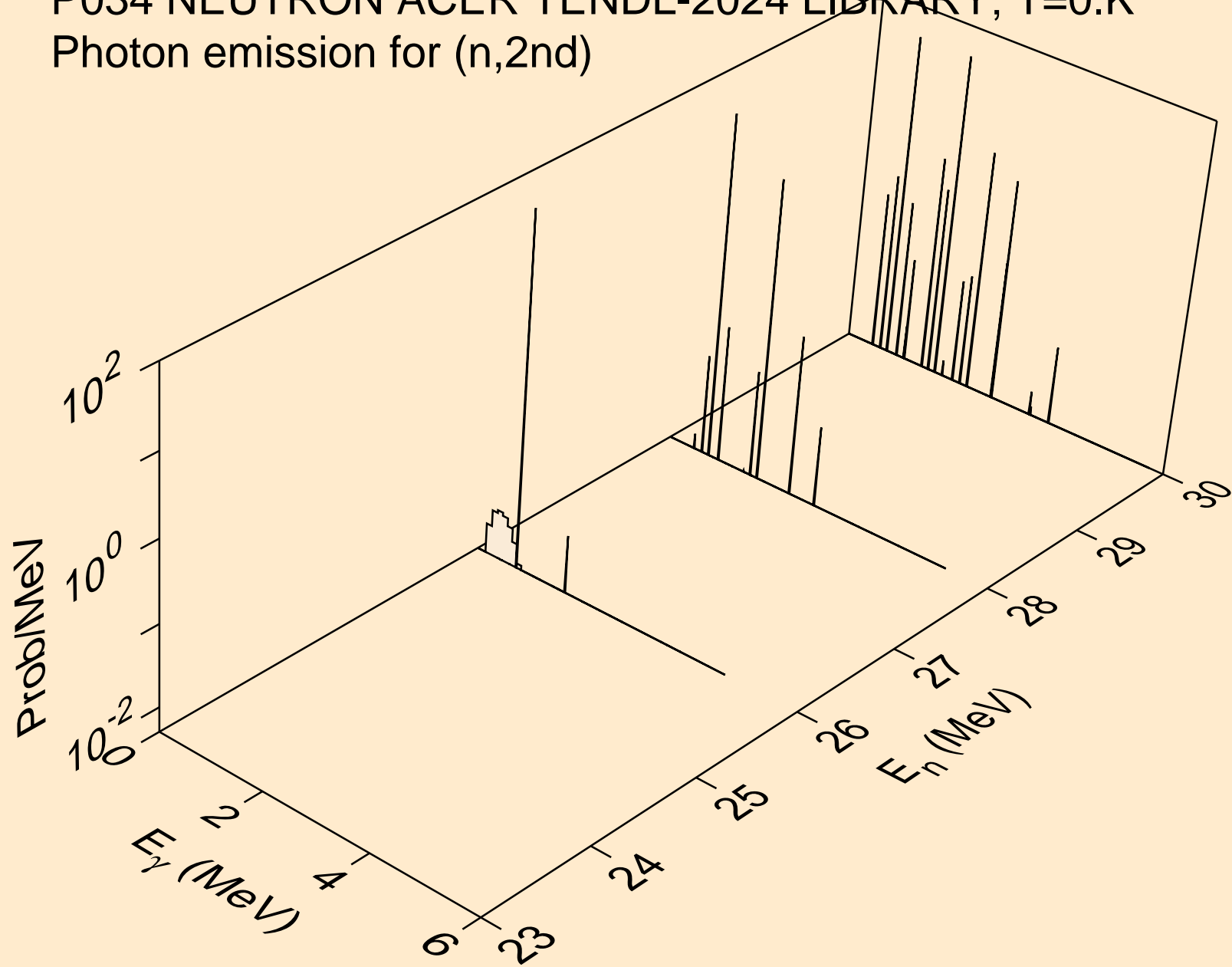
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



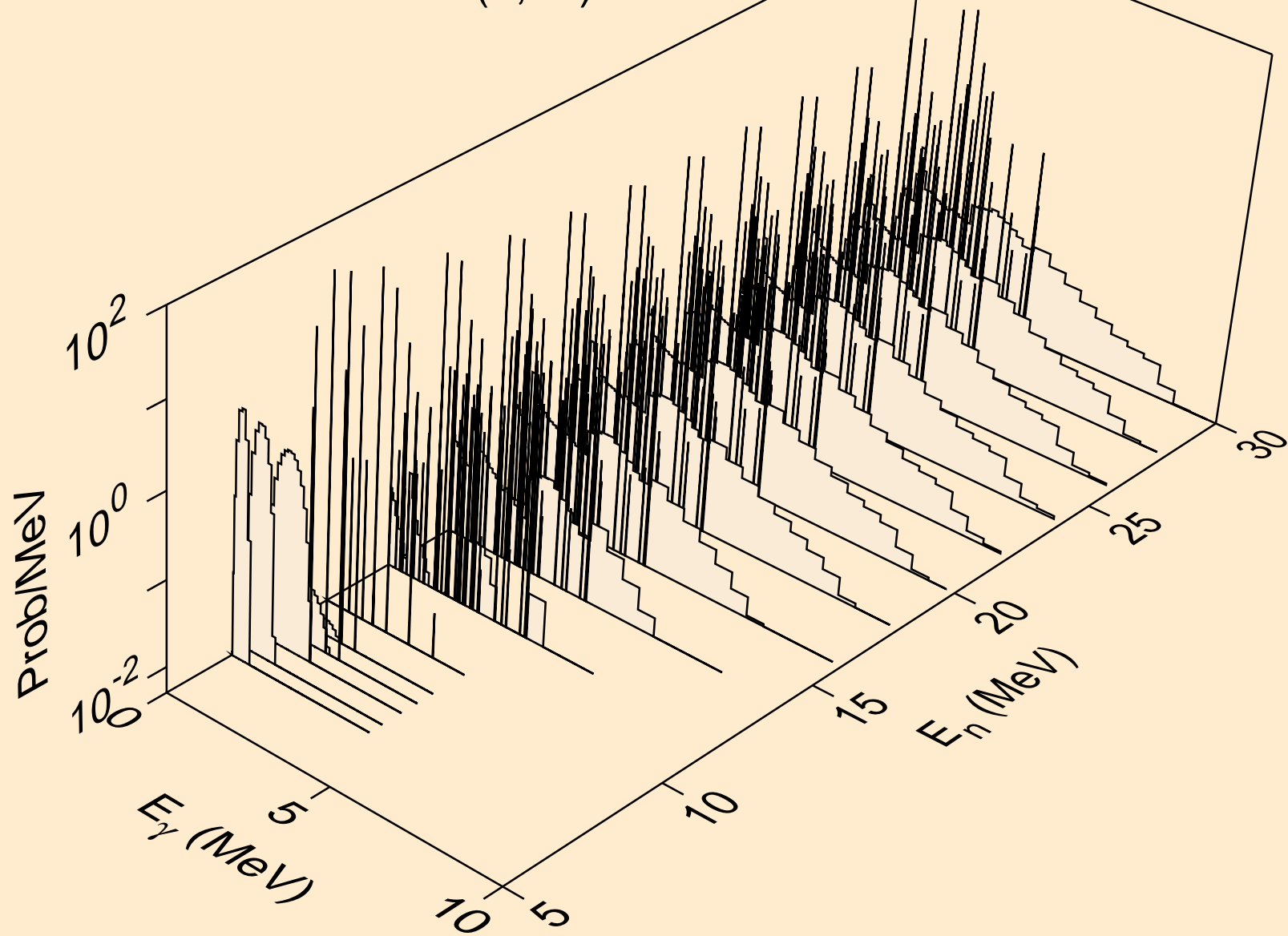
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



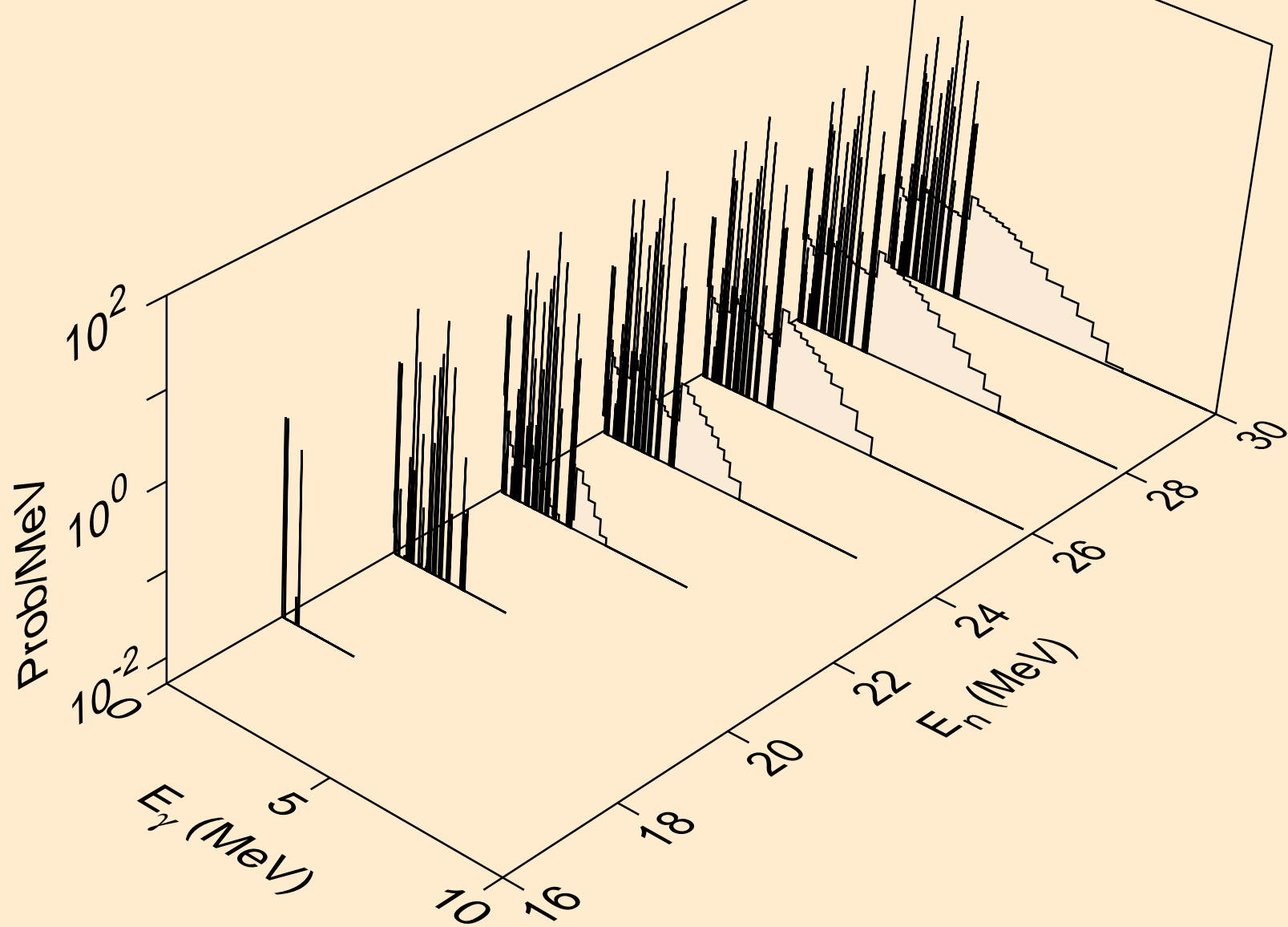
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

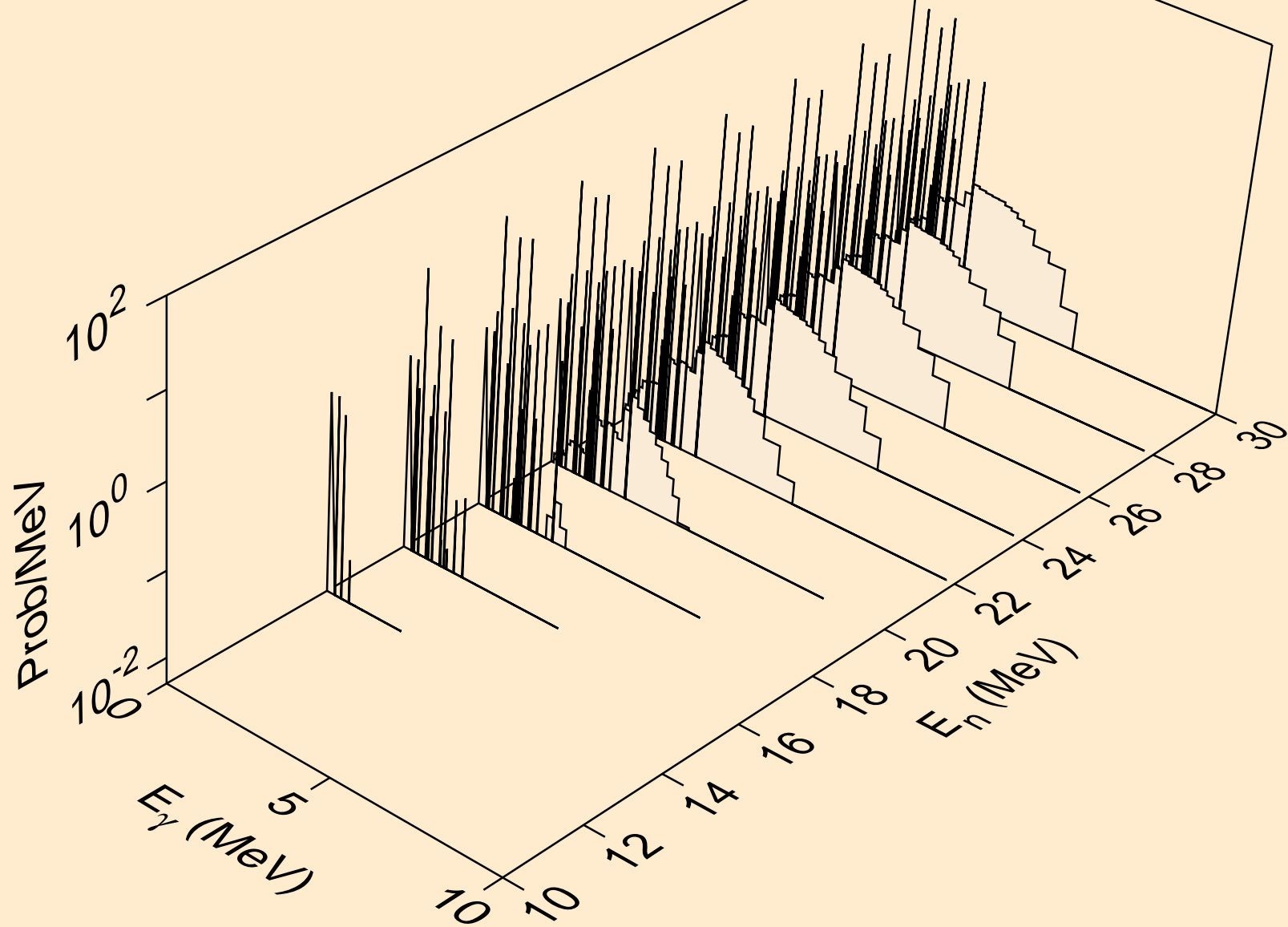


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

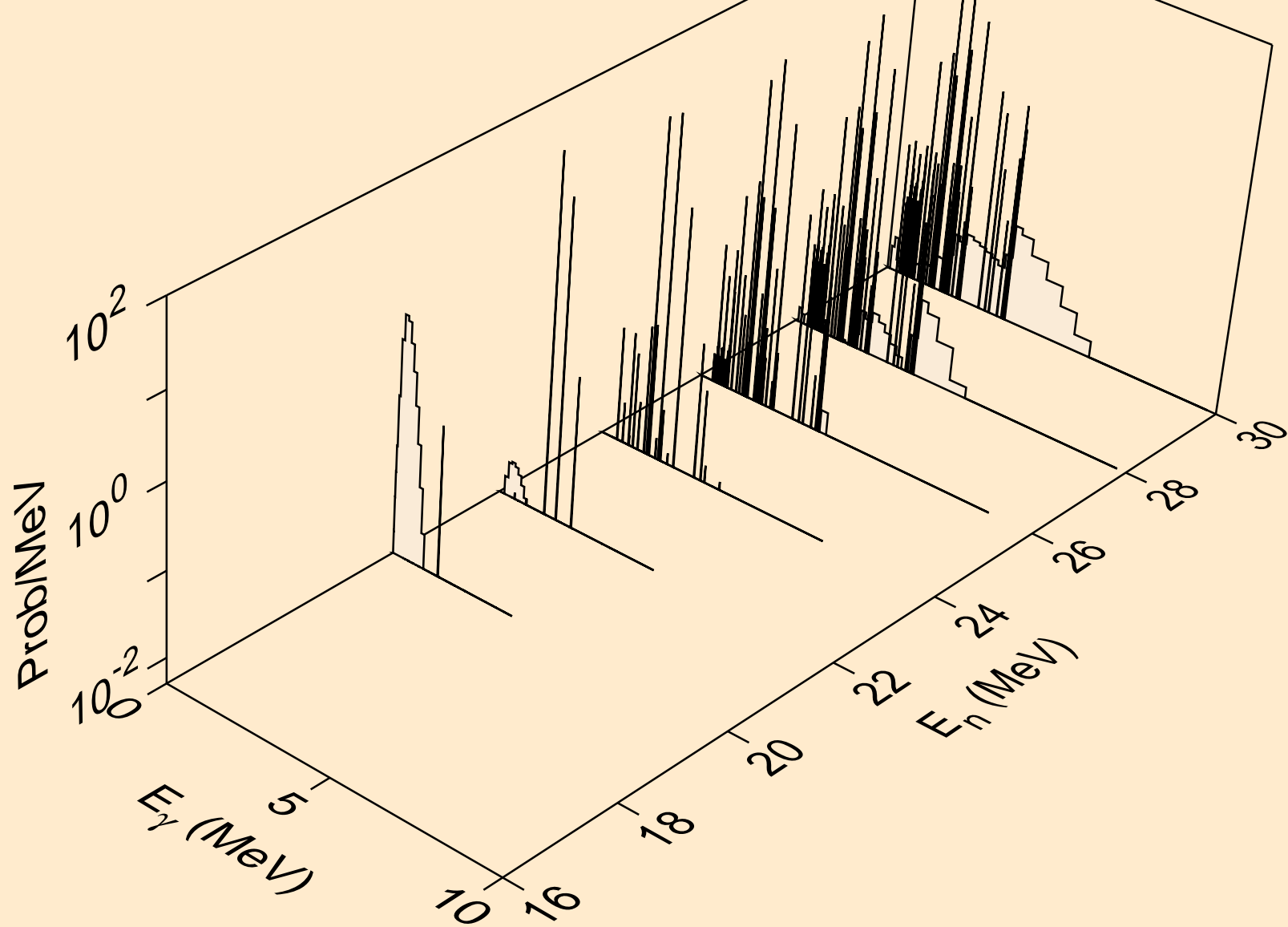




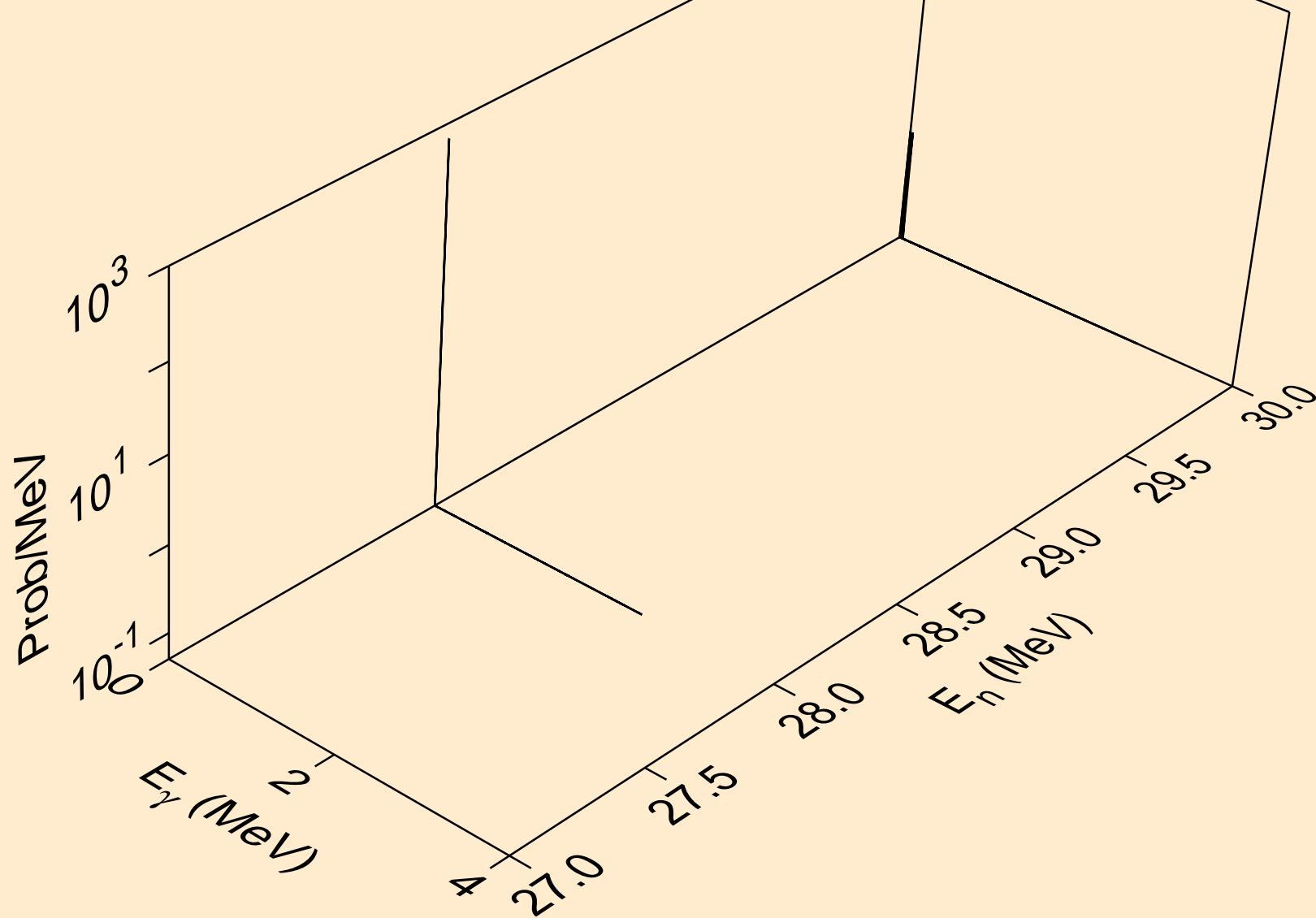
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



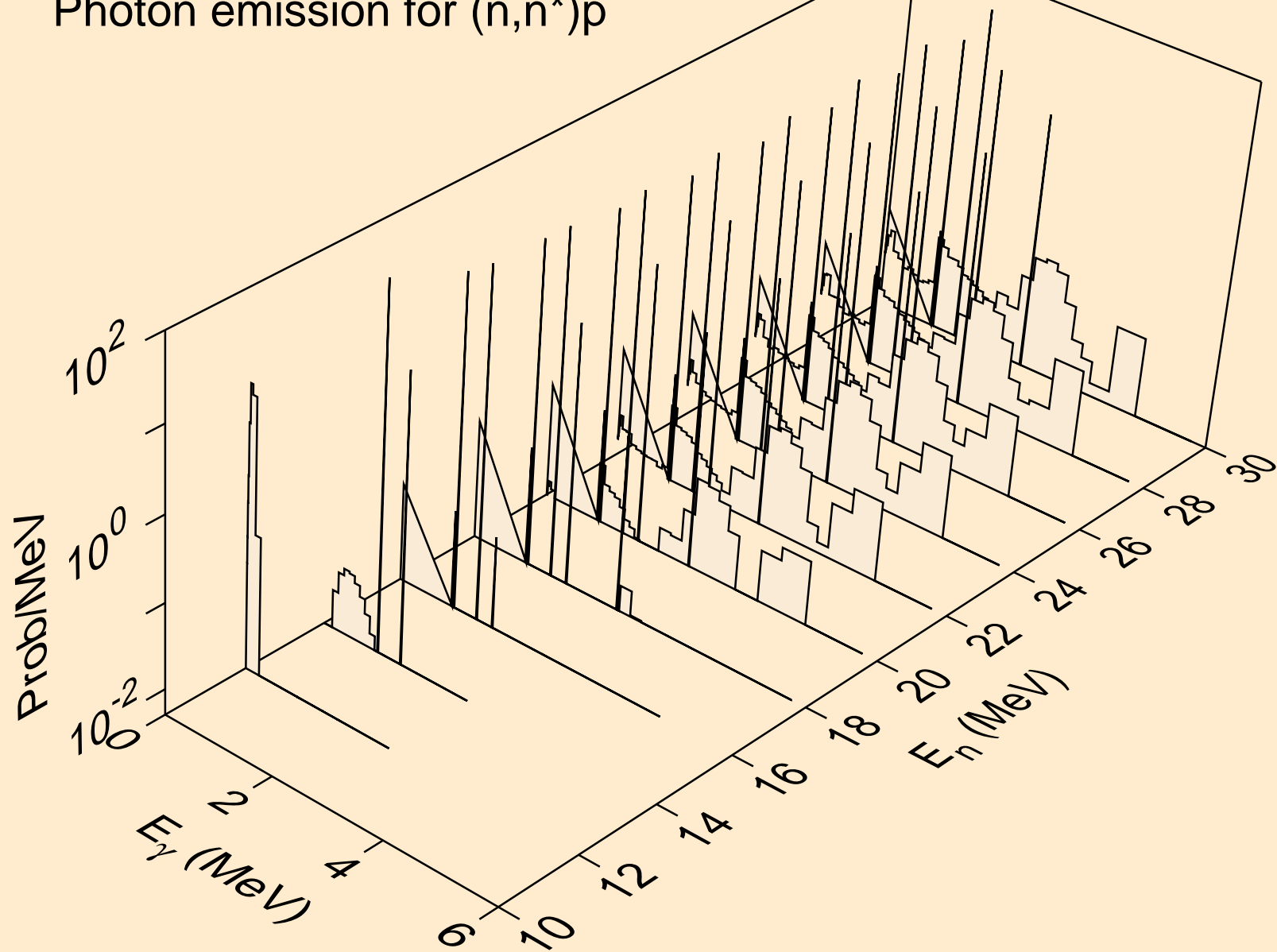
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Photon emission for (n,2n)a



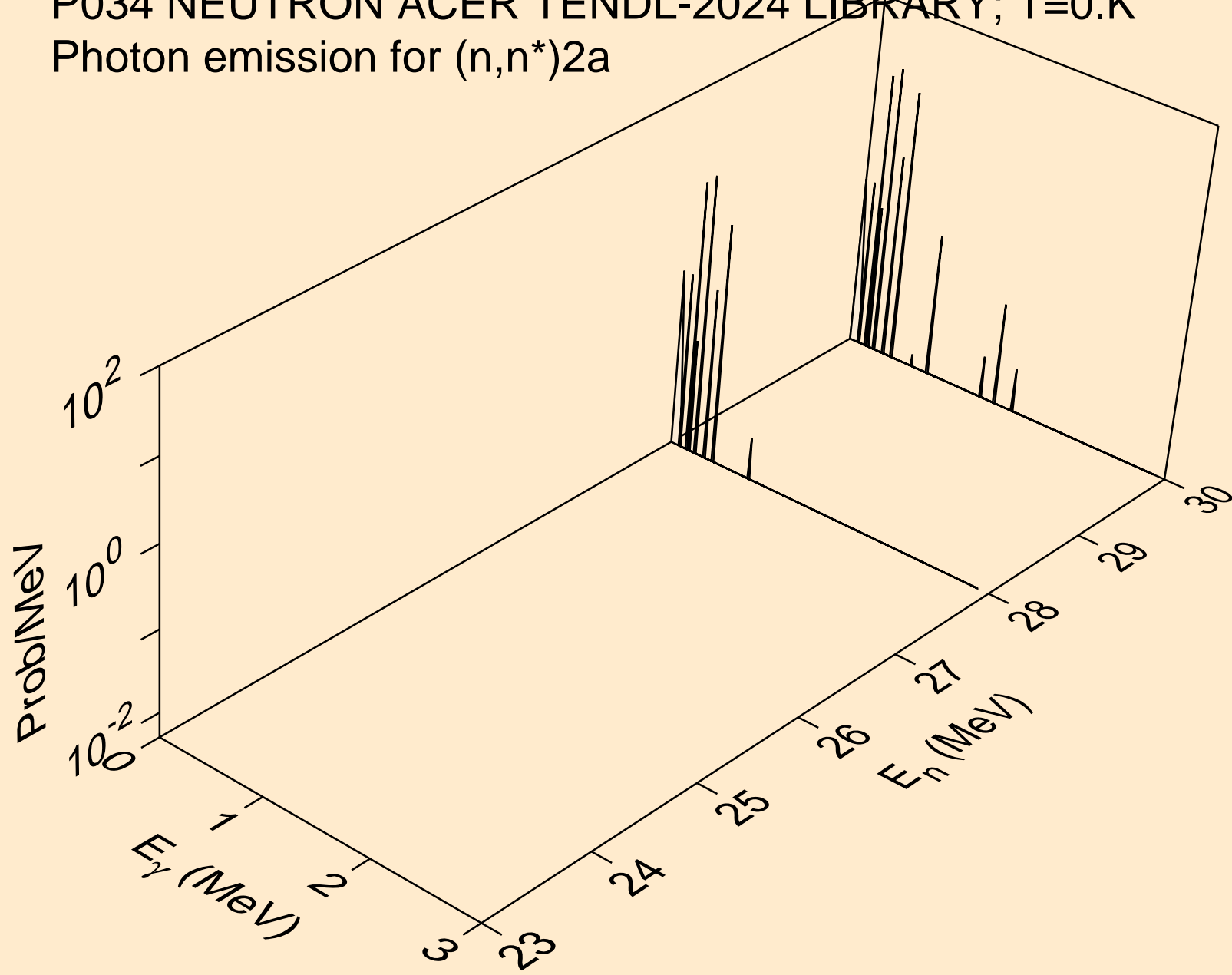
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Photon emission for (n,3n)a



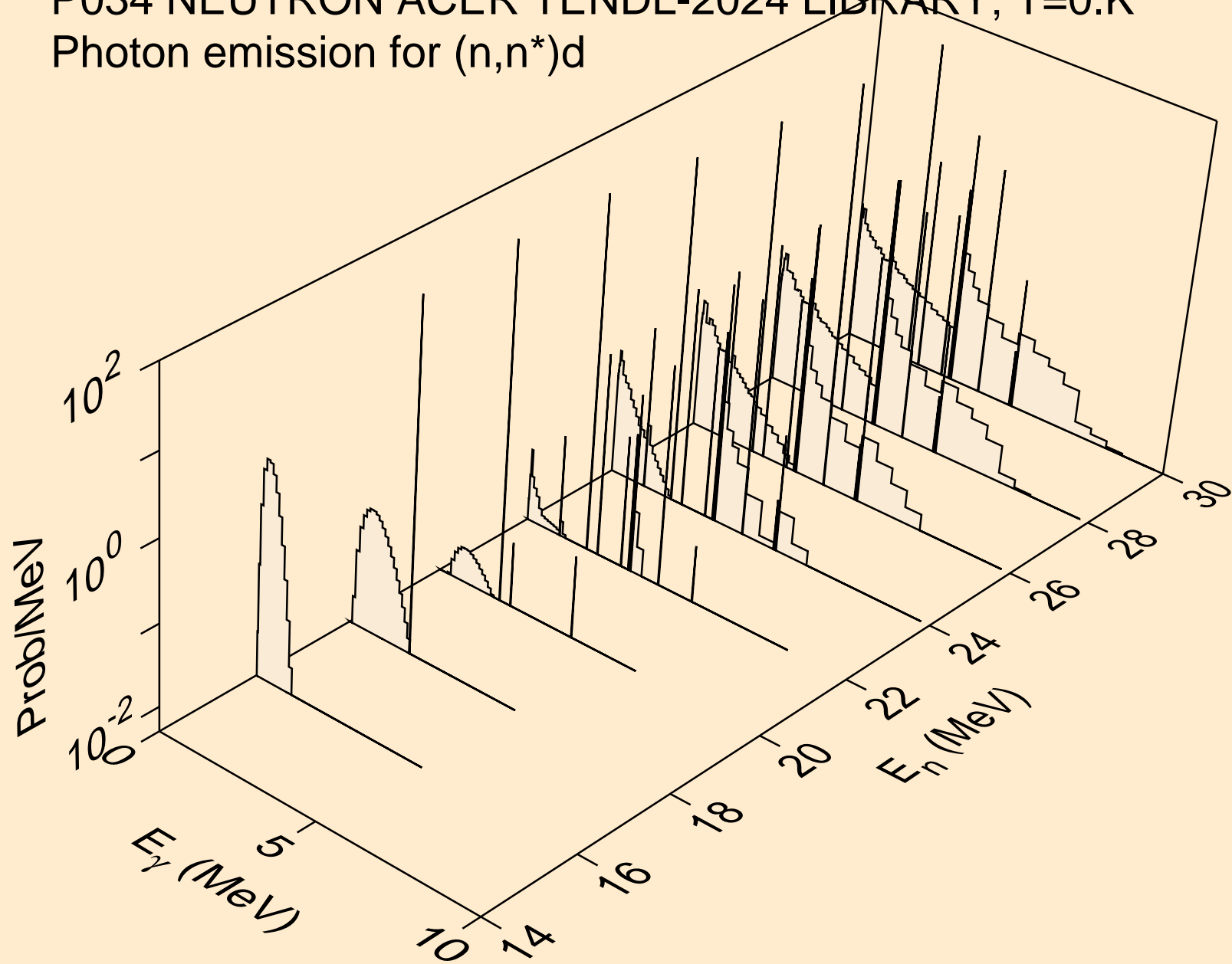
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



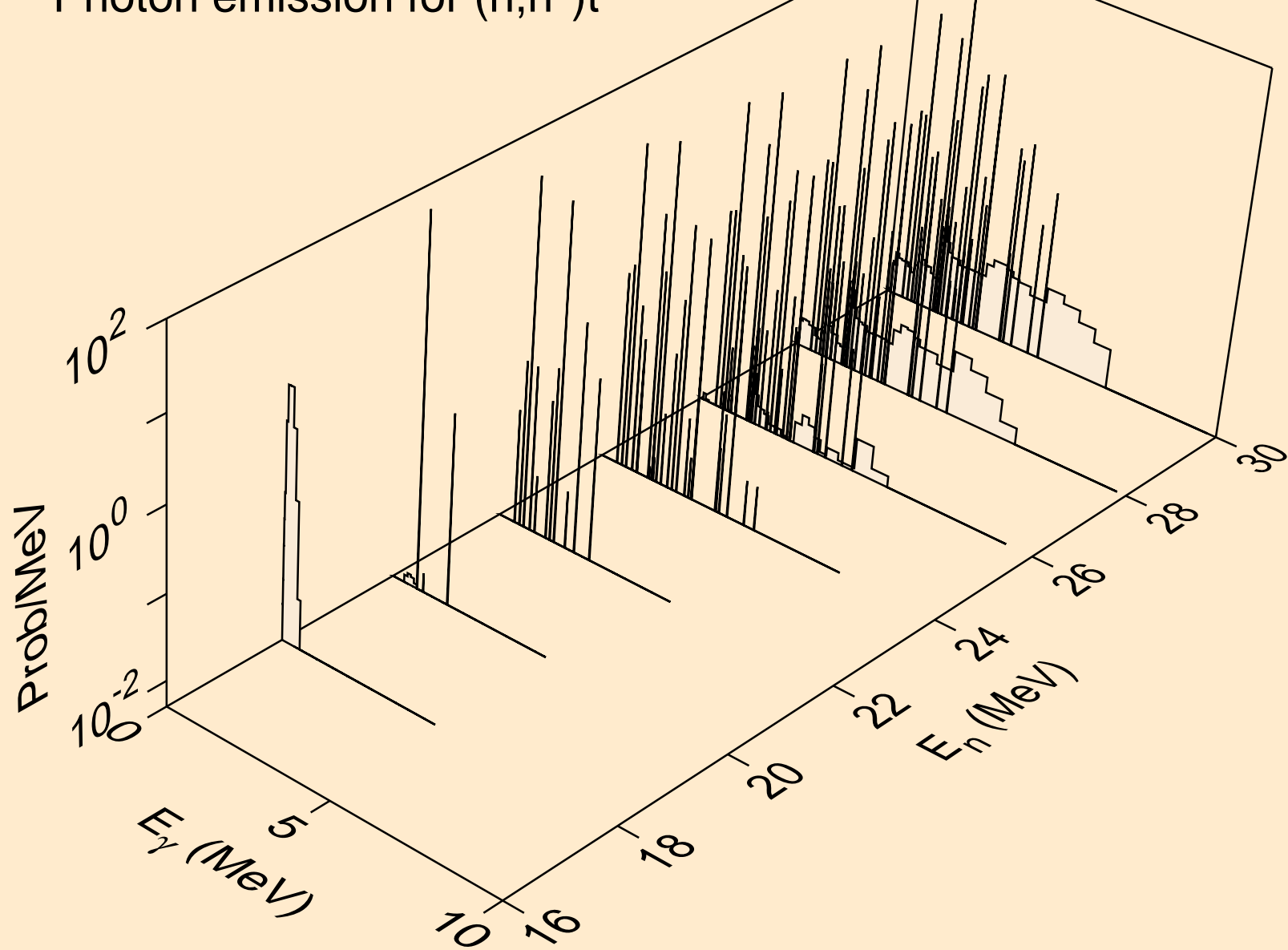
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Photon emission for (n,n\*)2a



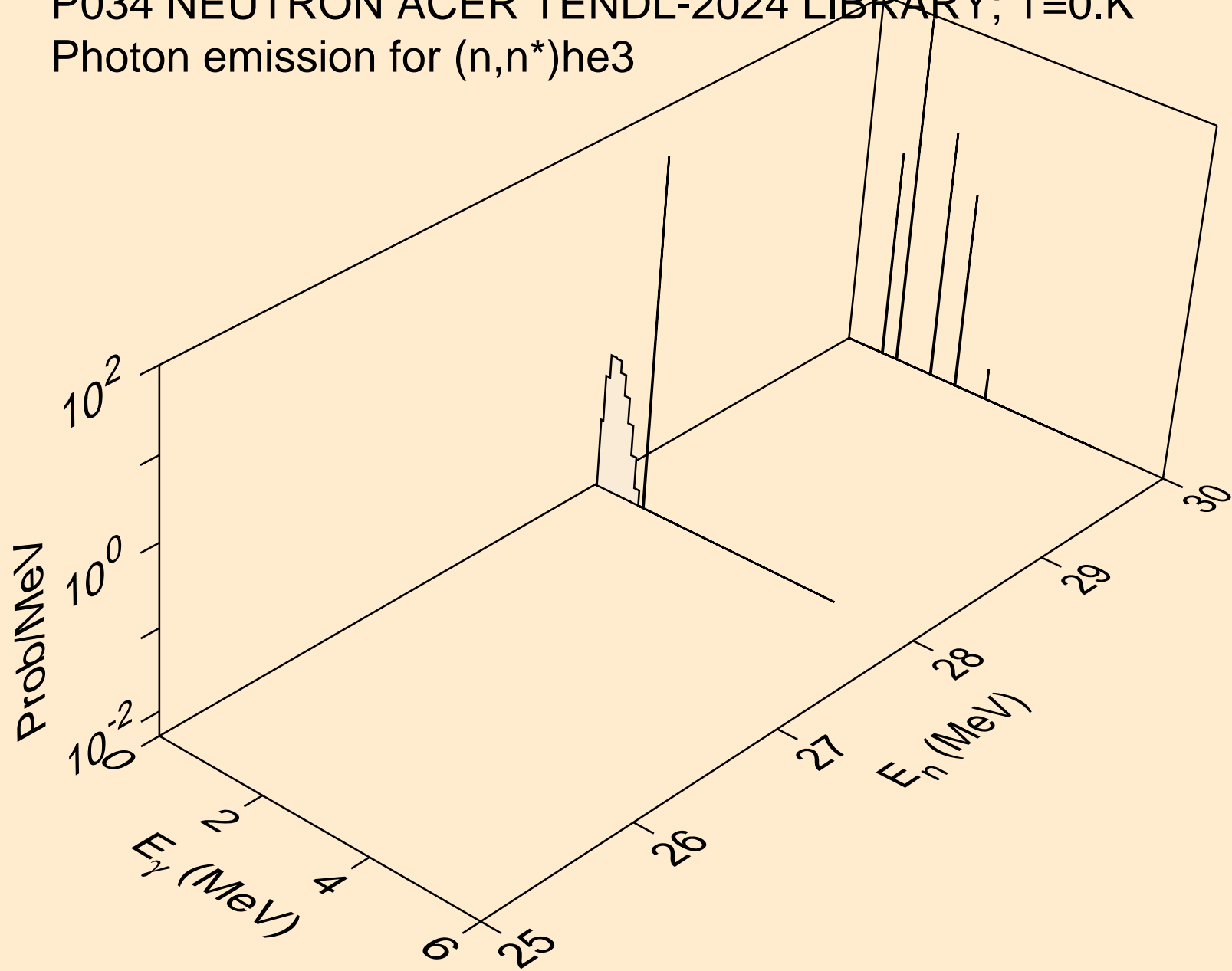
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

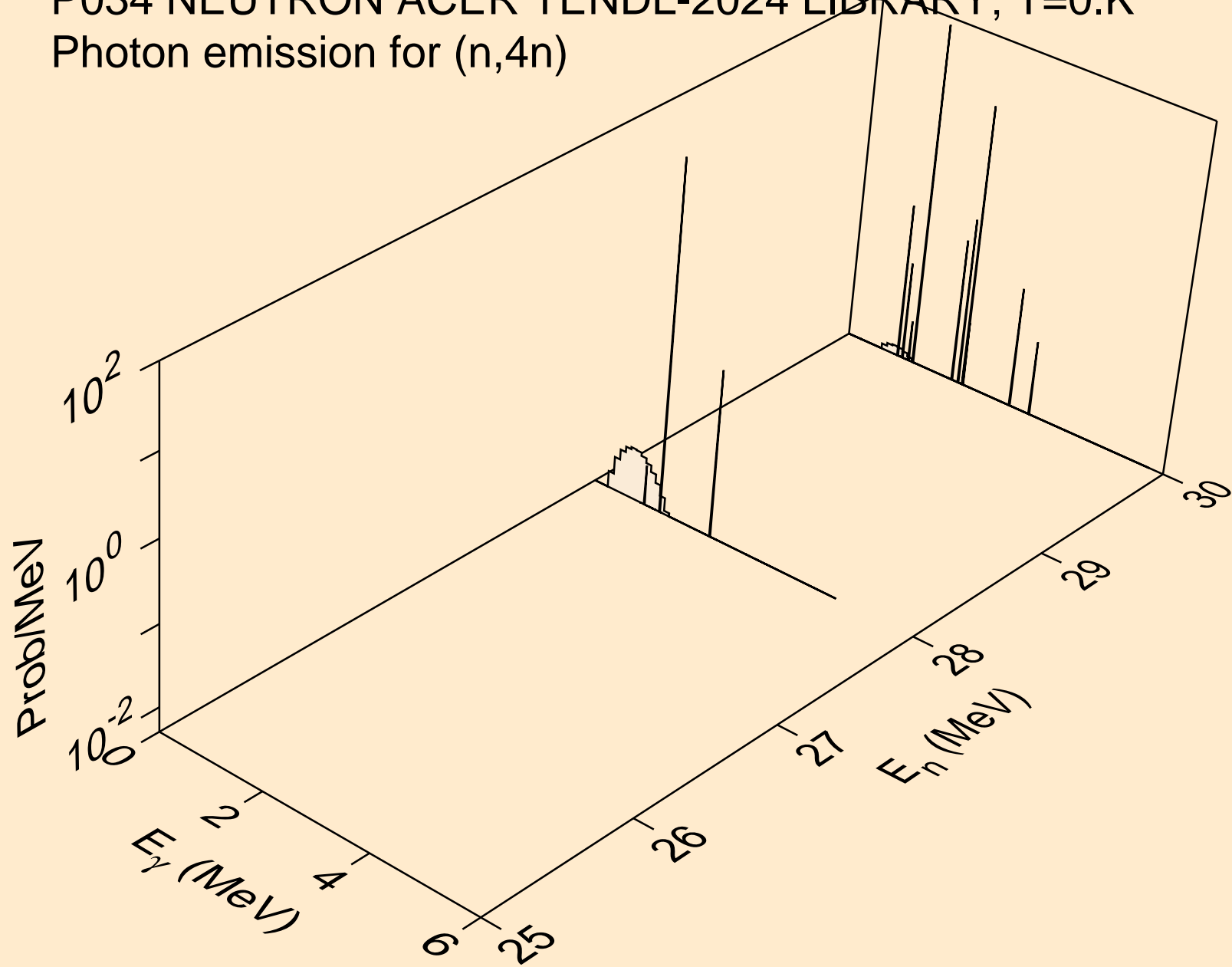


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

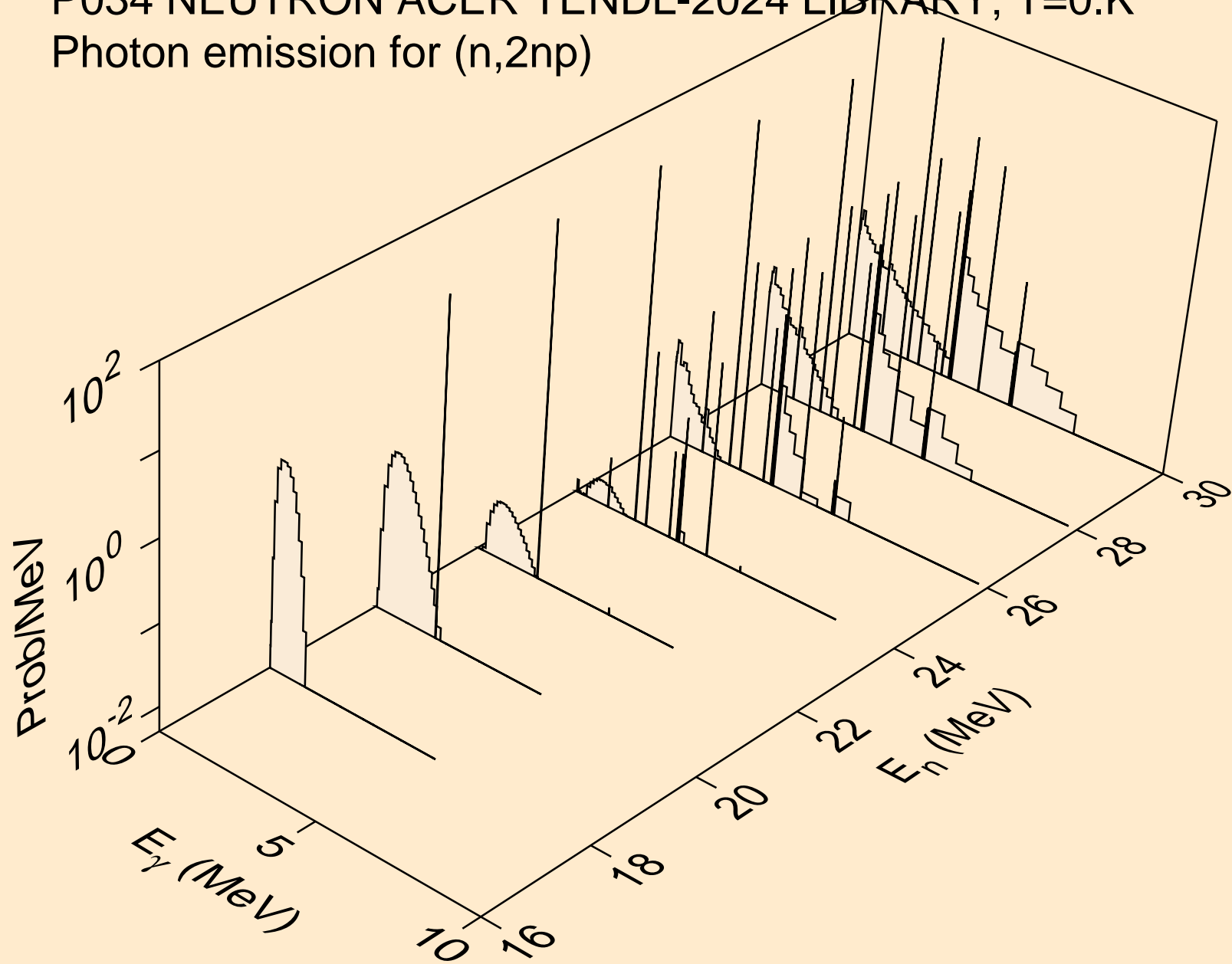




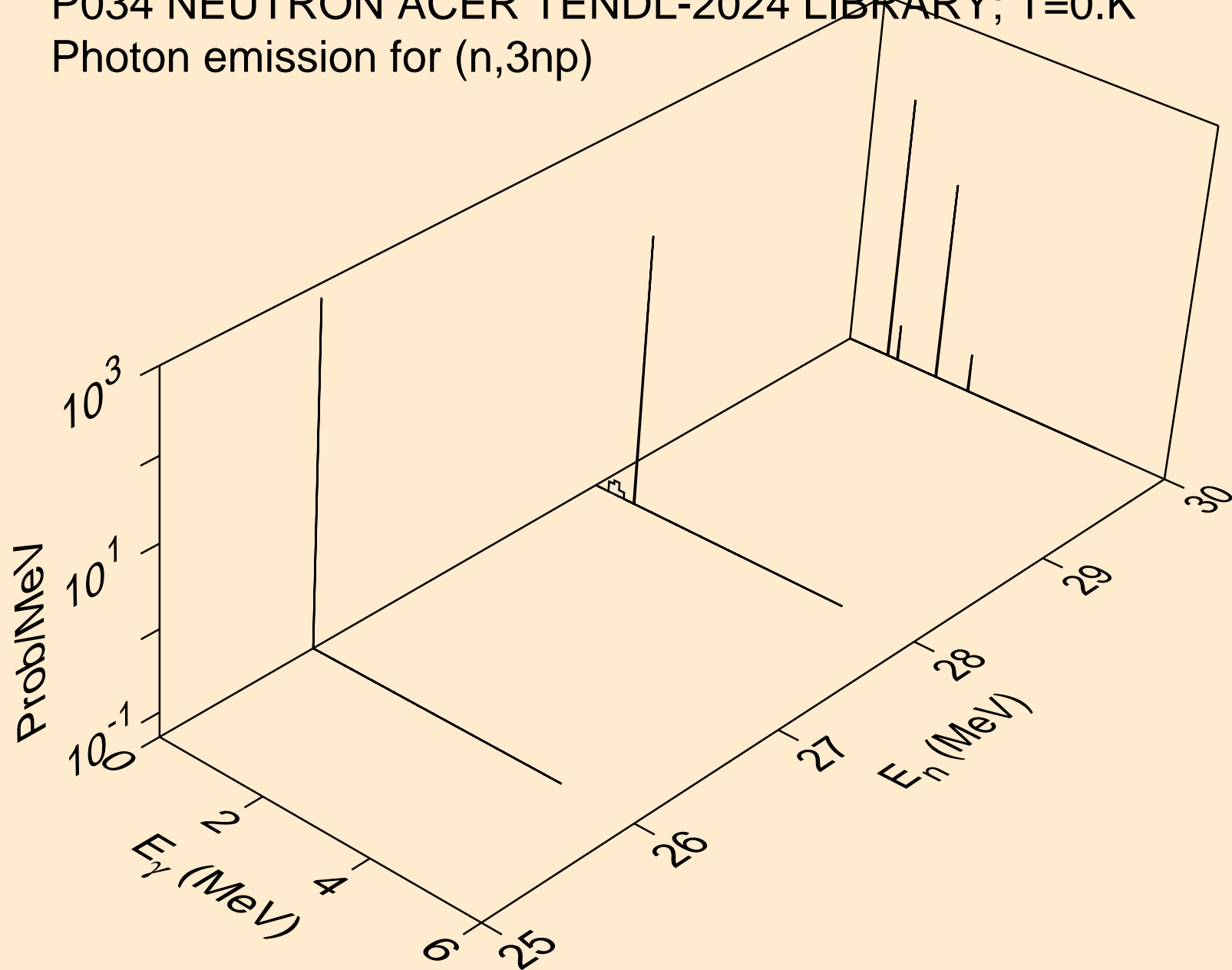
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



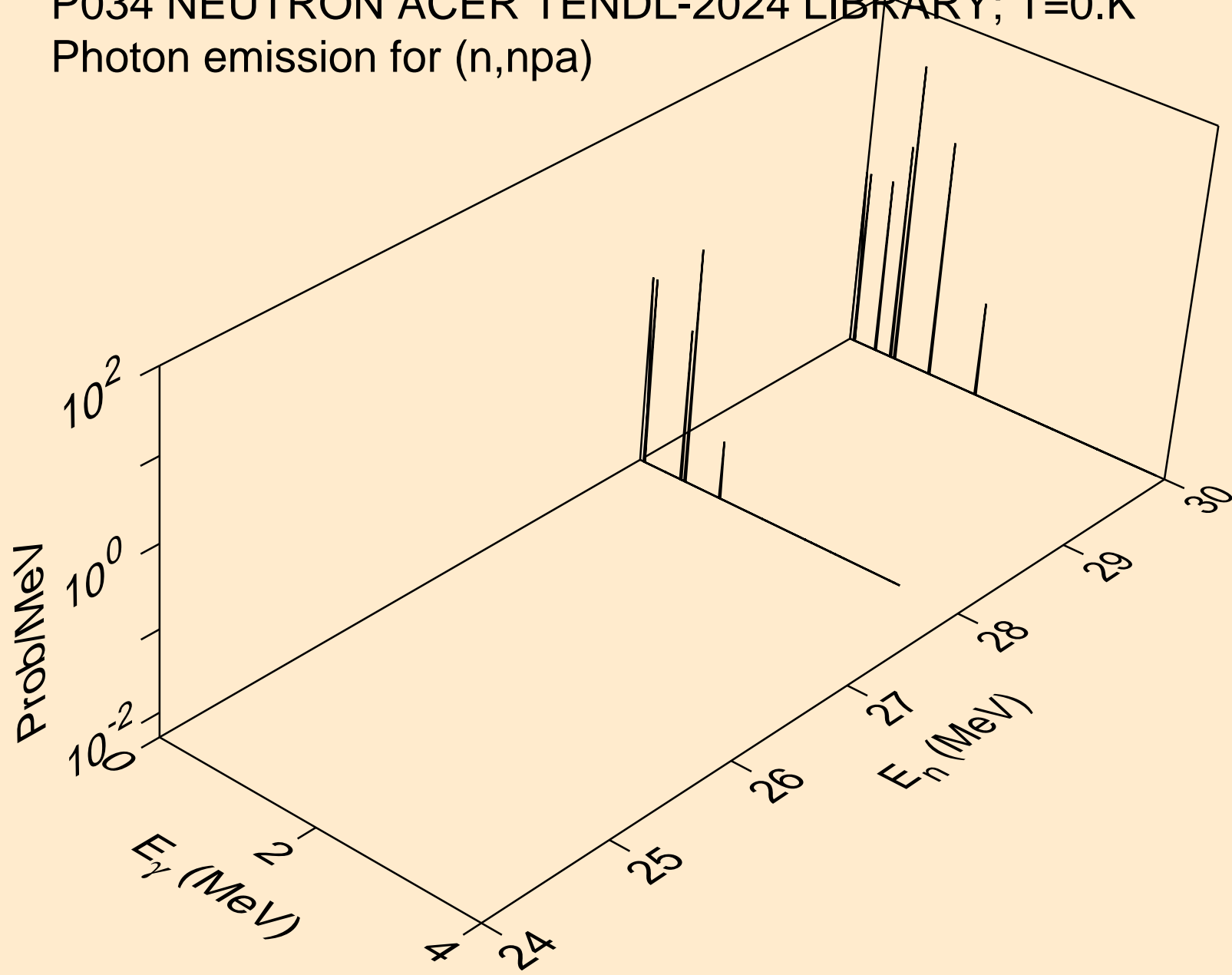
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



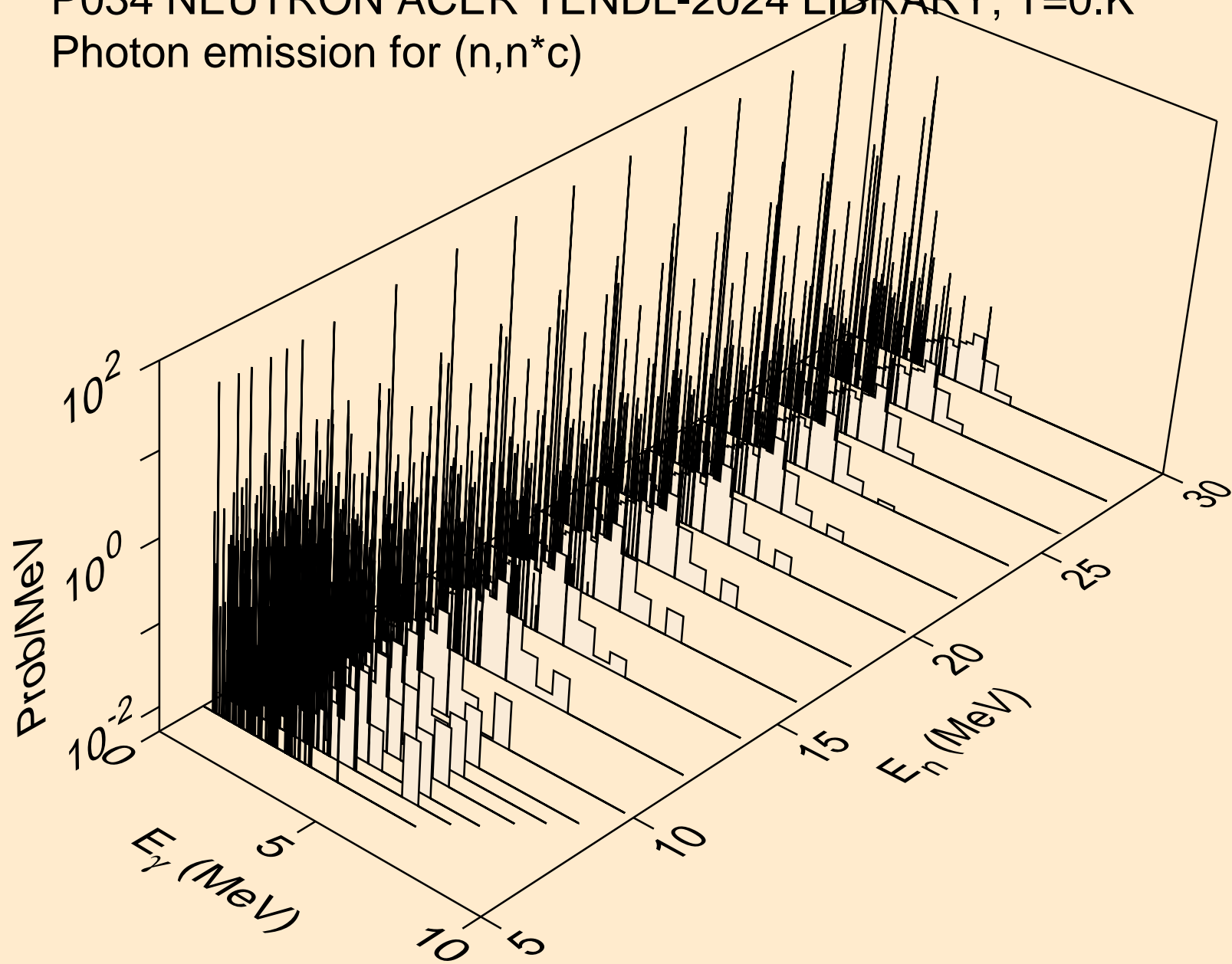
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Photon emission for (n,3np)



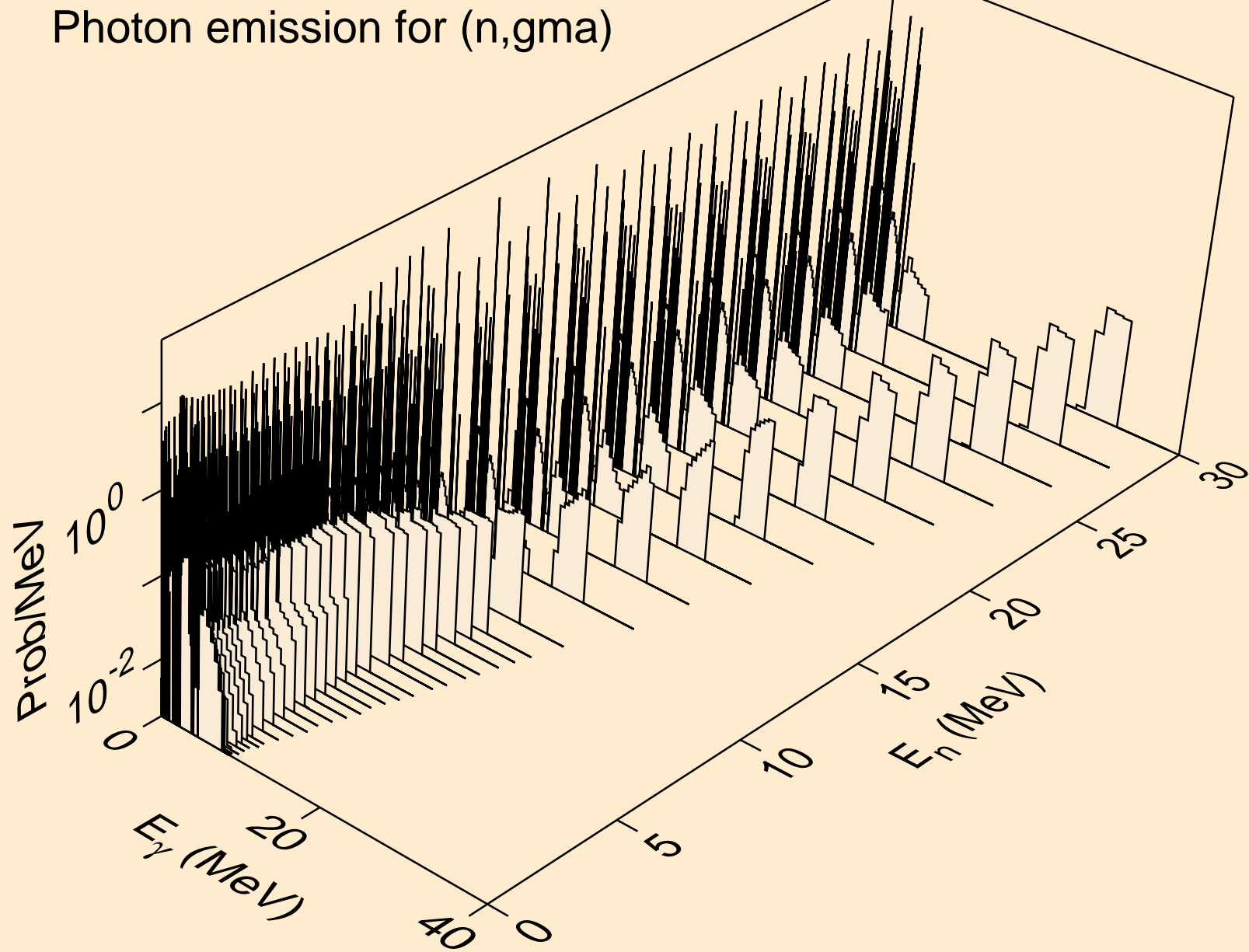
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



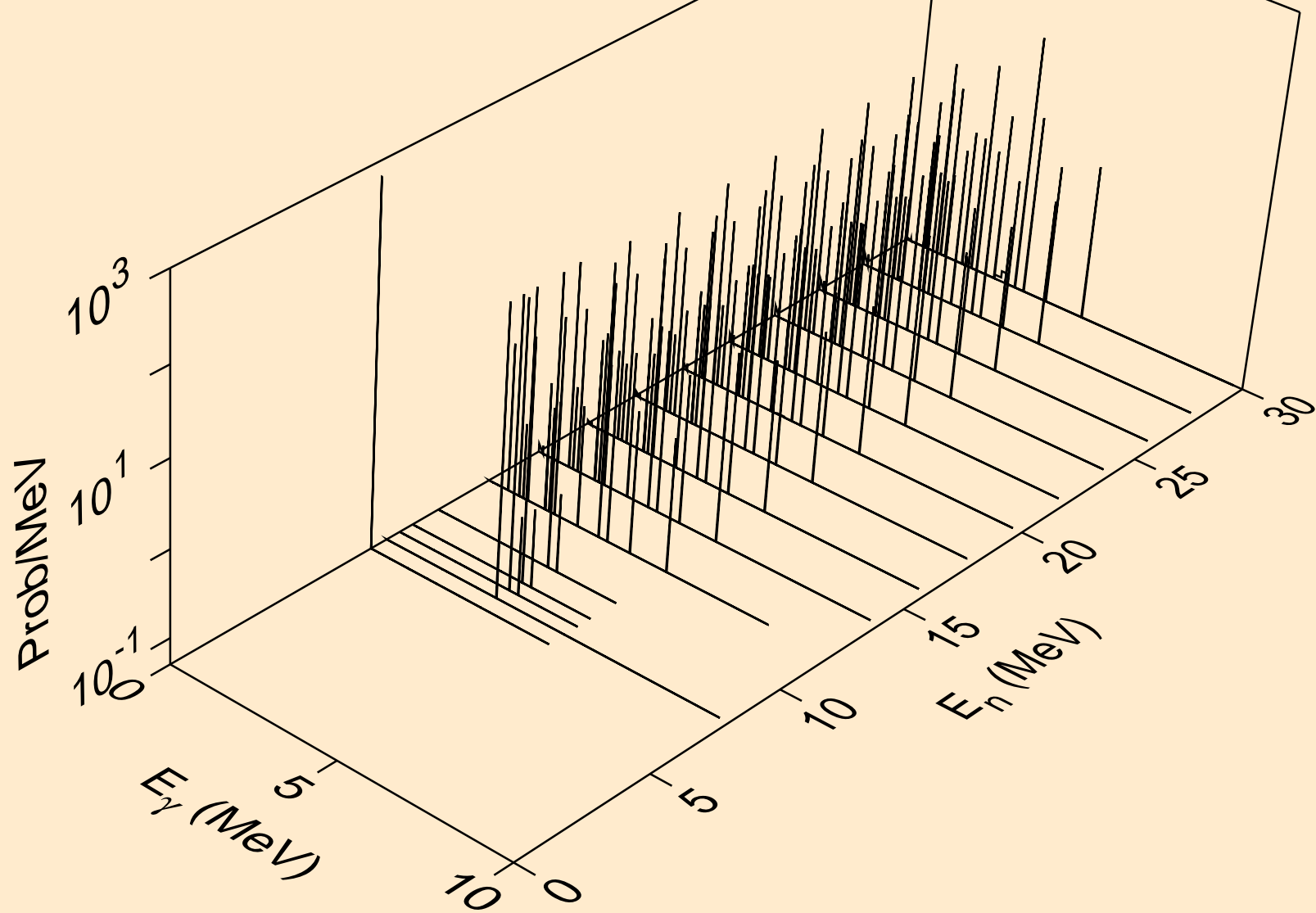
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



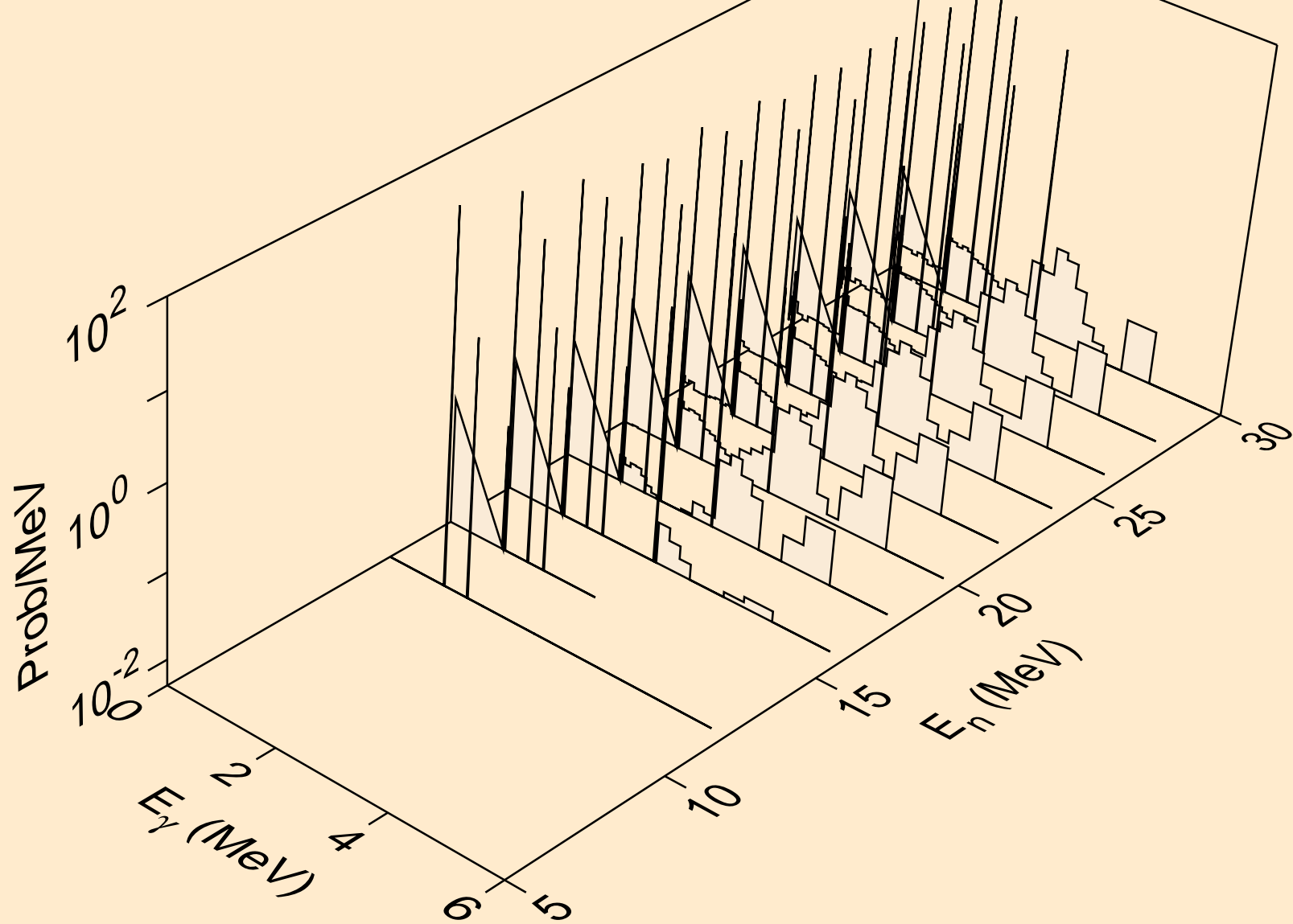
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

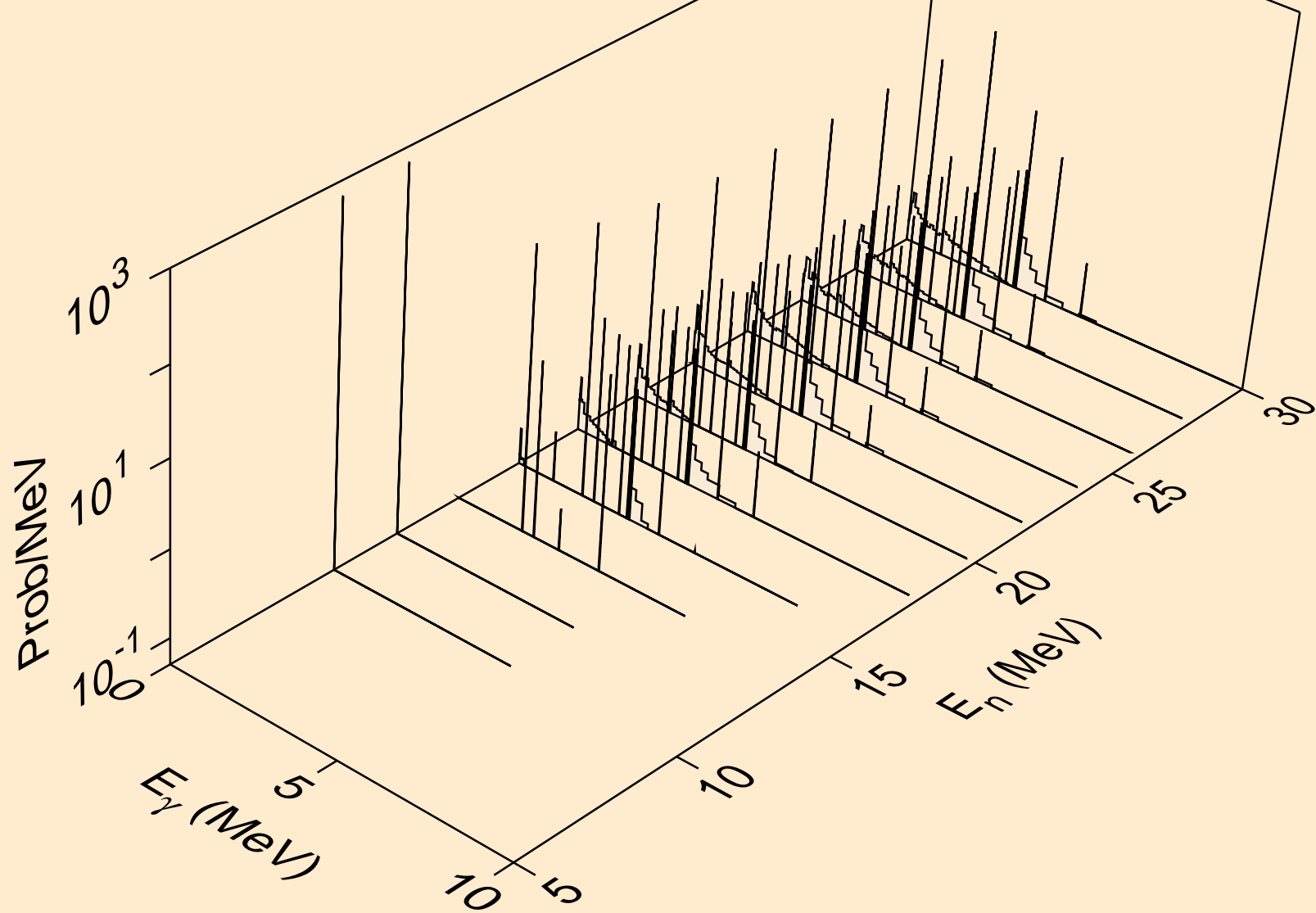


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

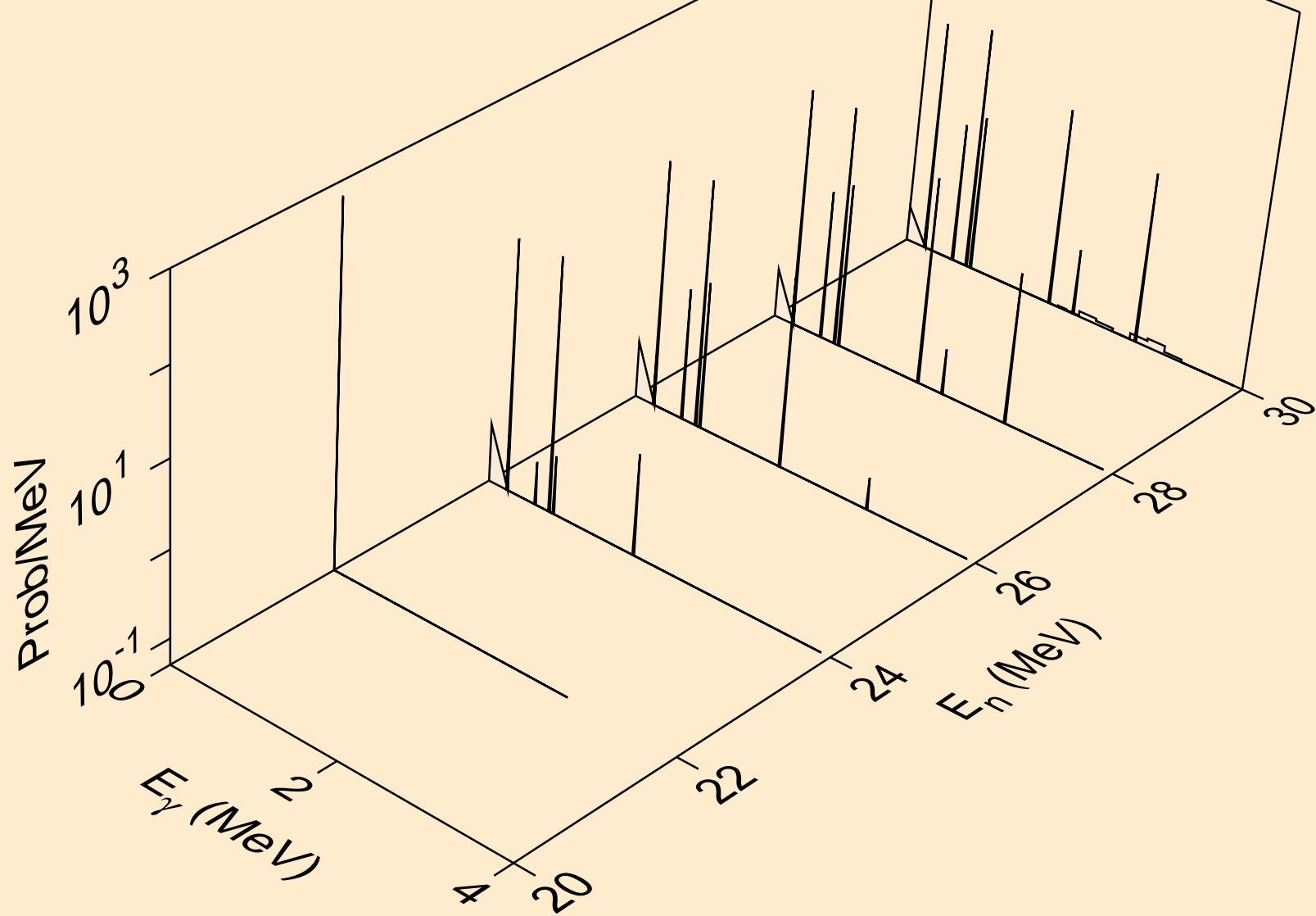




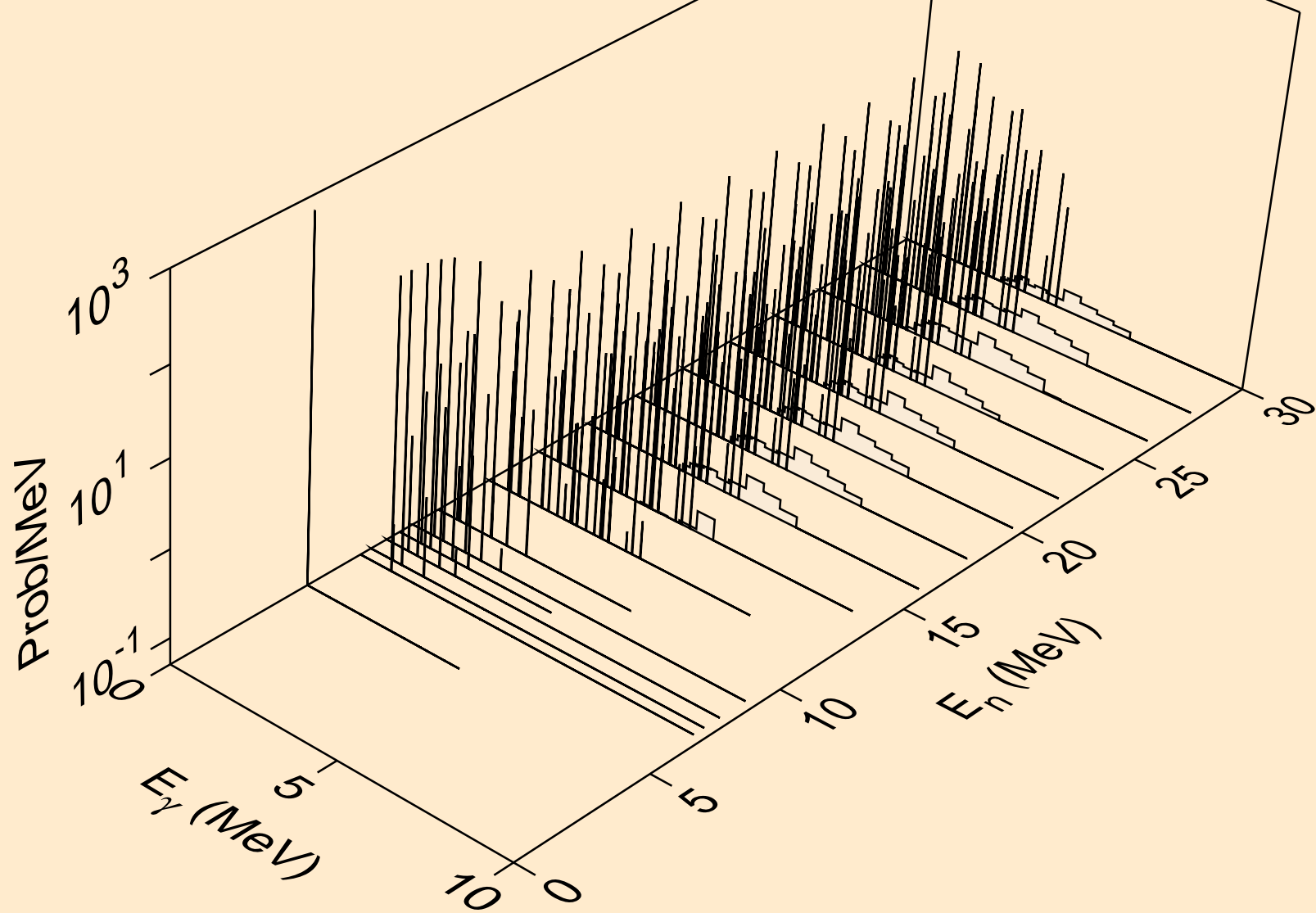
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



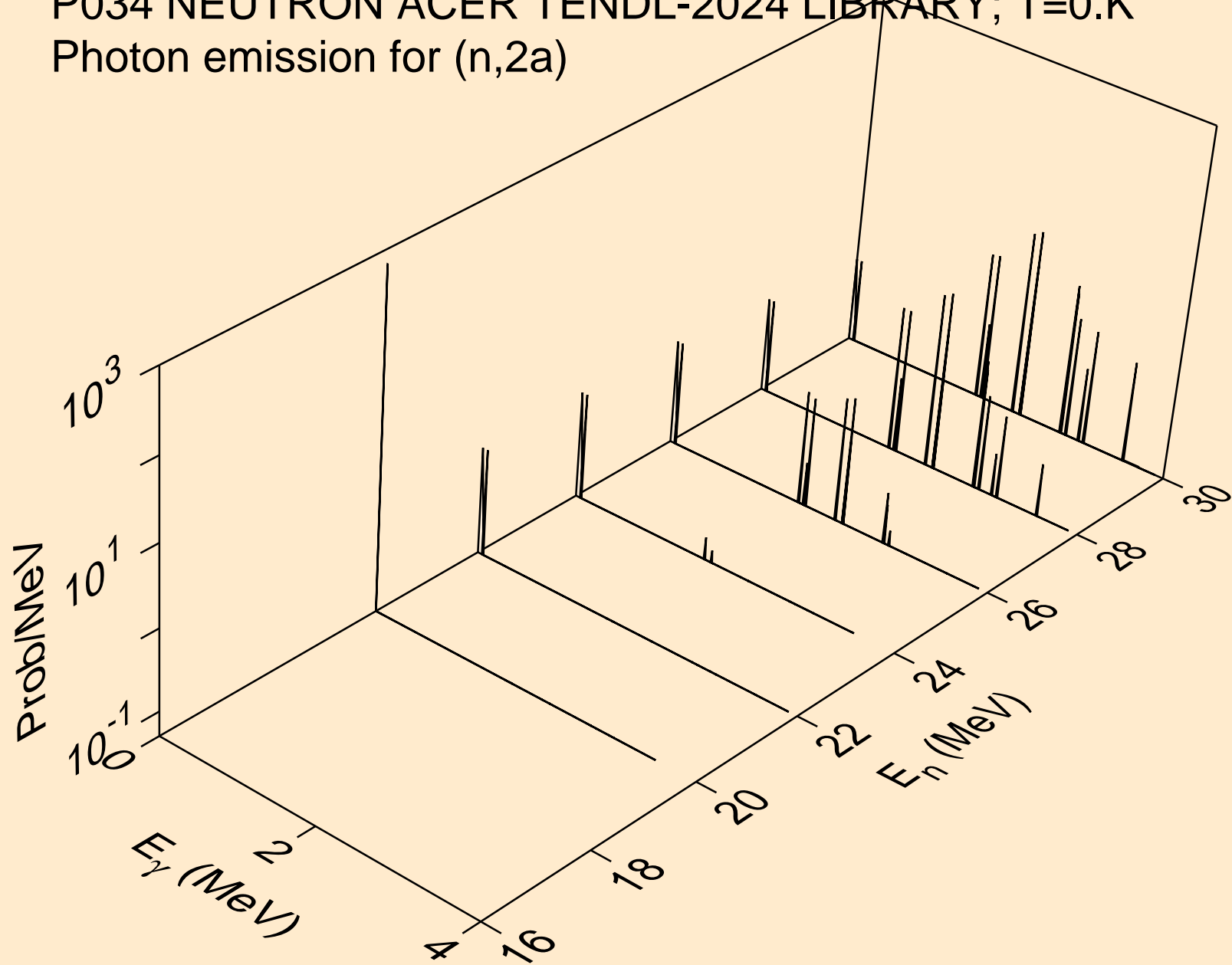
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Photon emission for (n,he3)



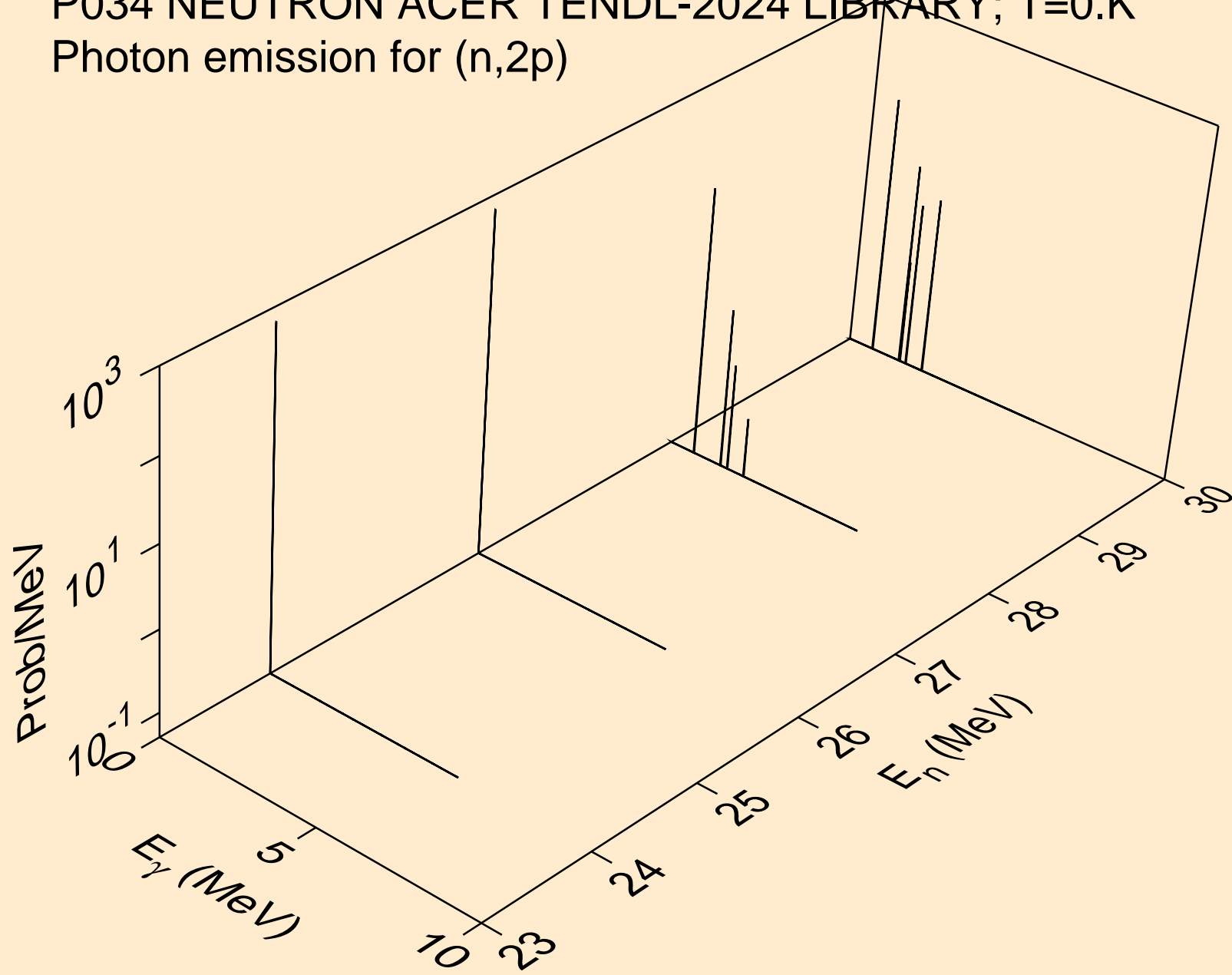
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Photon emission for (n,a)



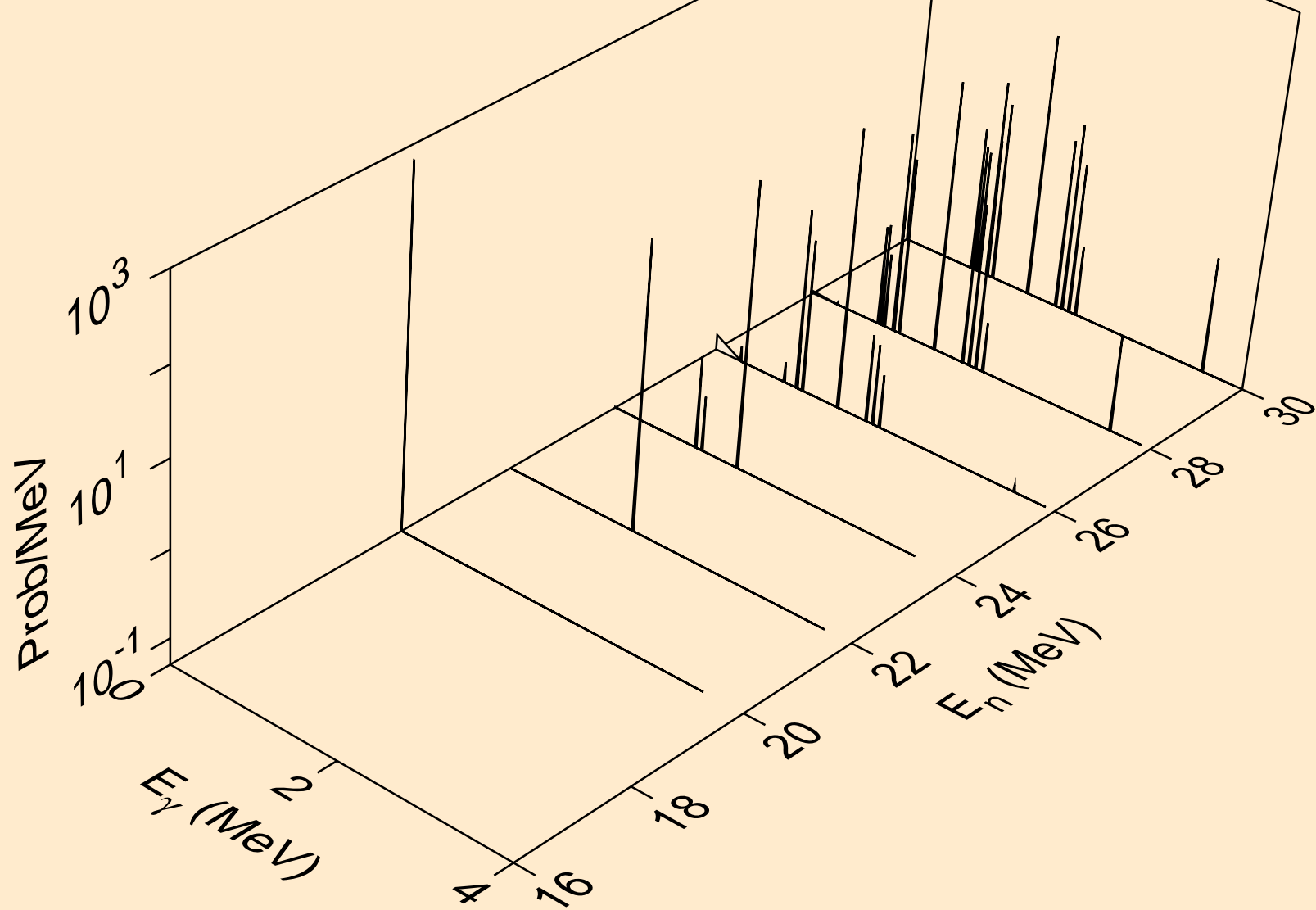
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Photon emission for (n,2a)



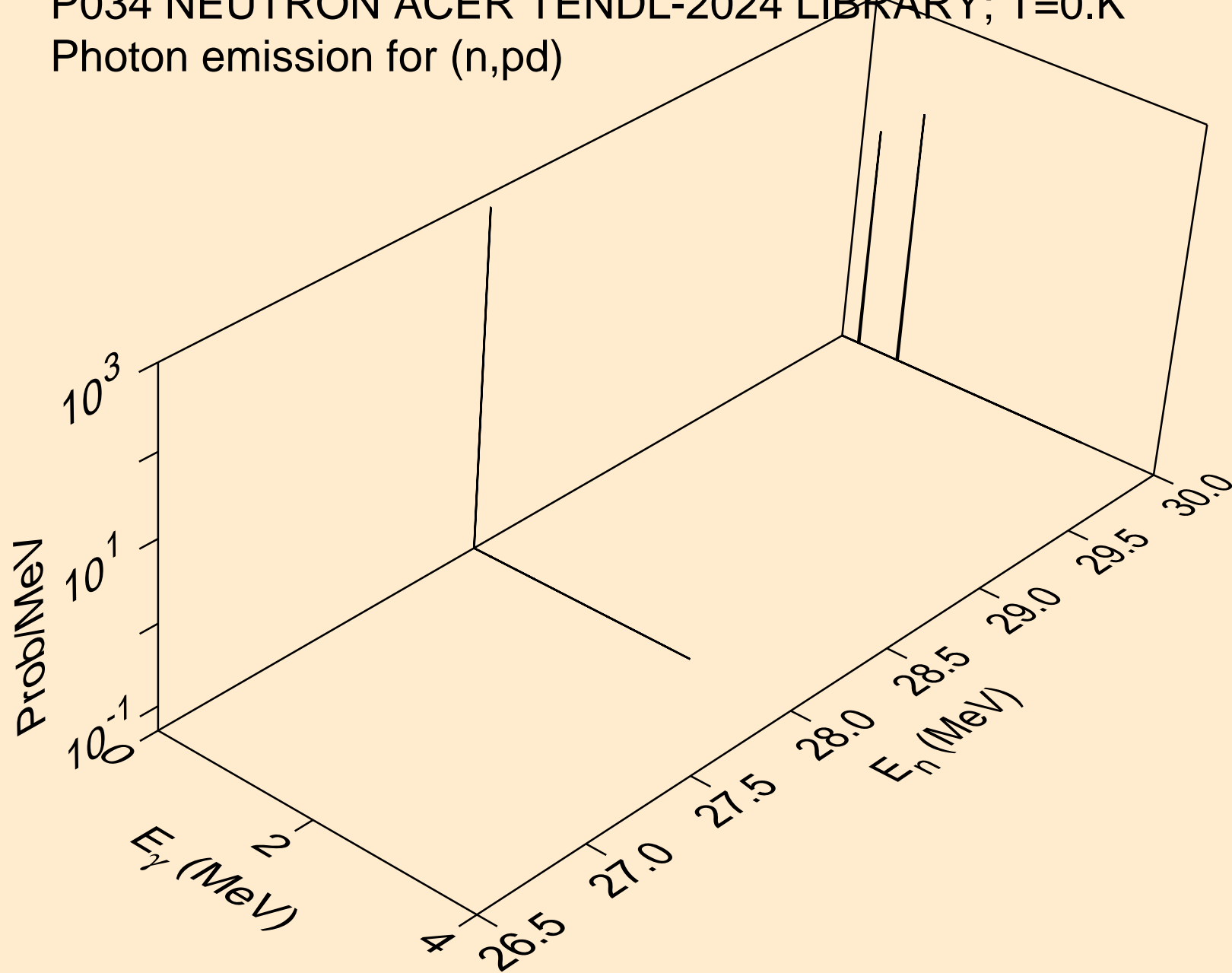
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Photon emission for (n,2p)



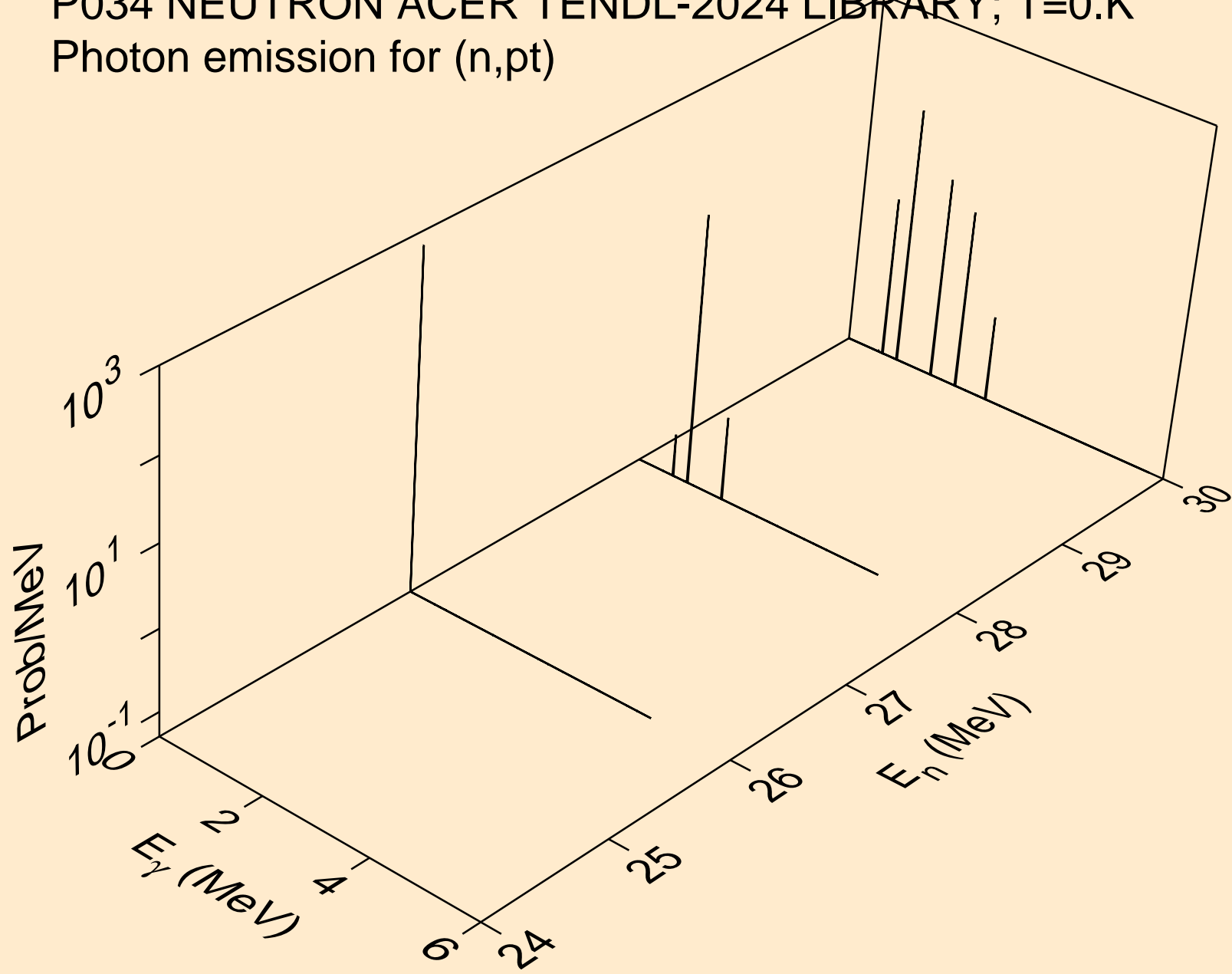
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

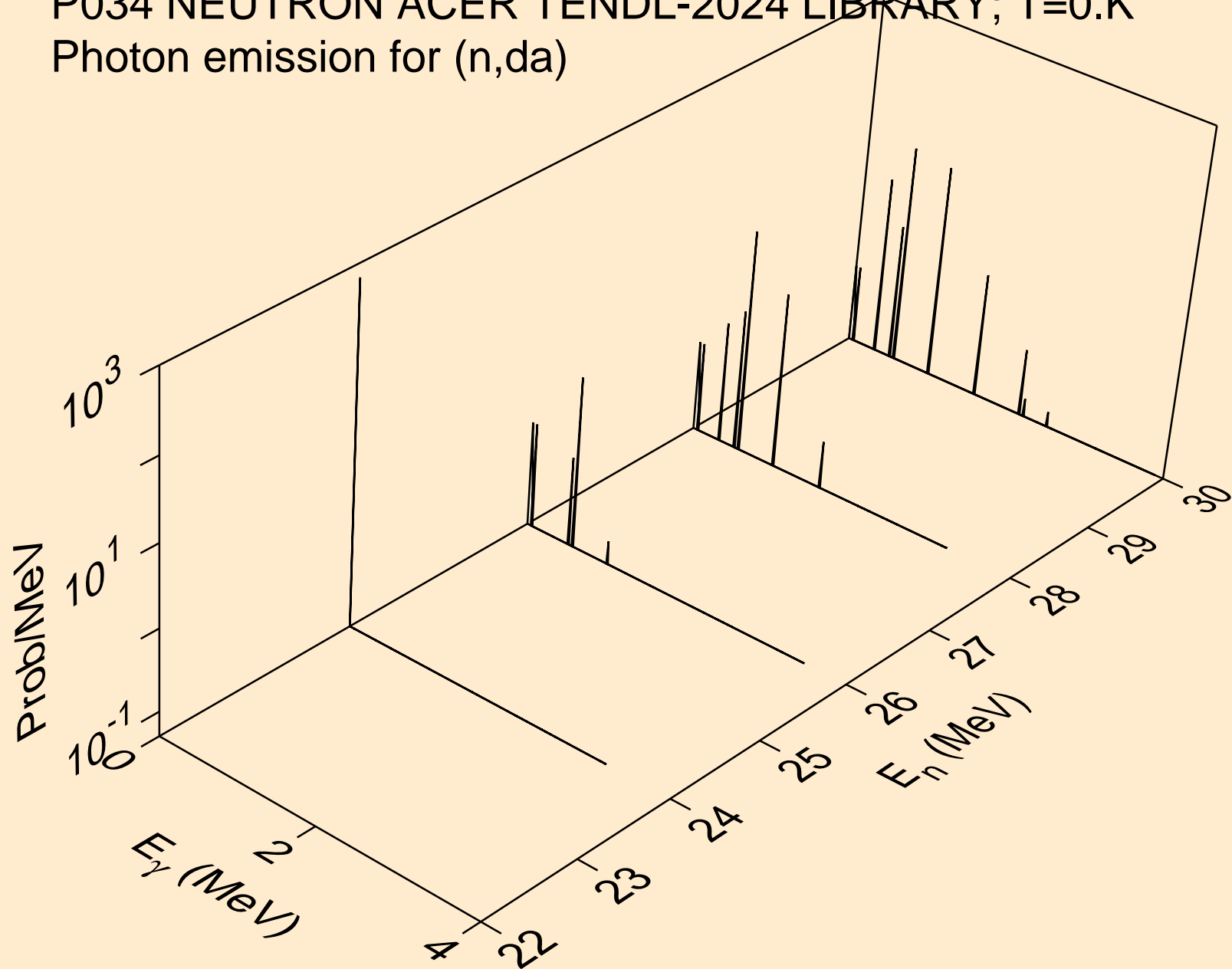


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

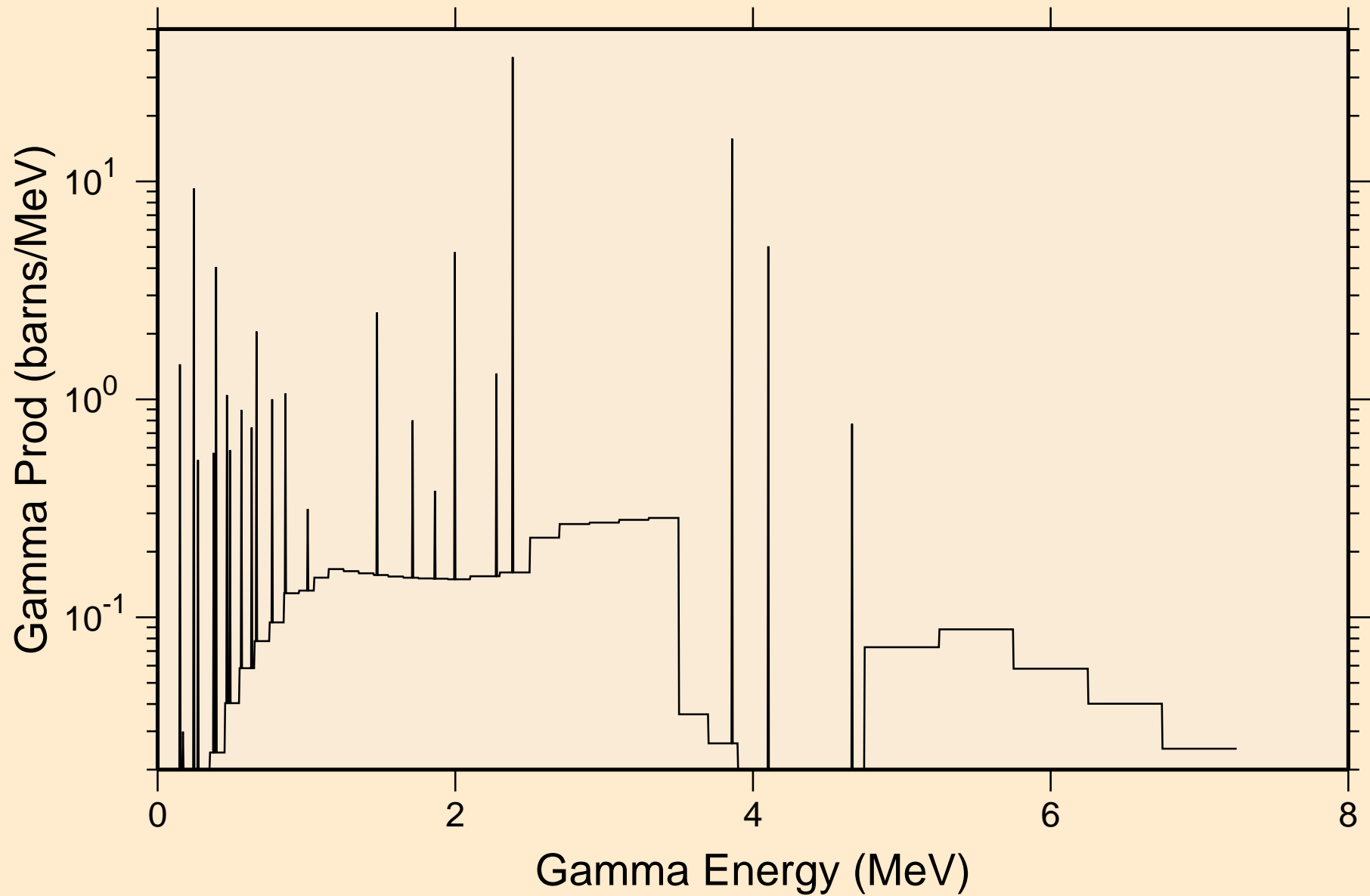




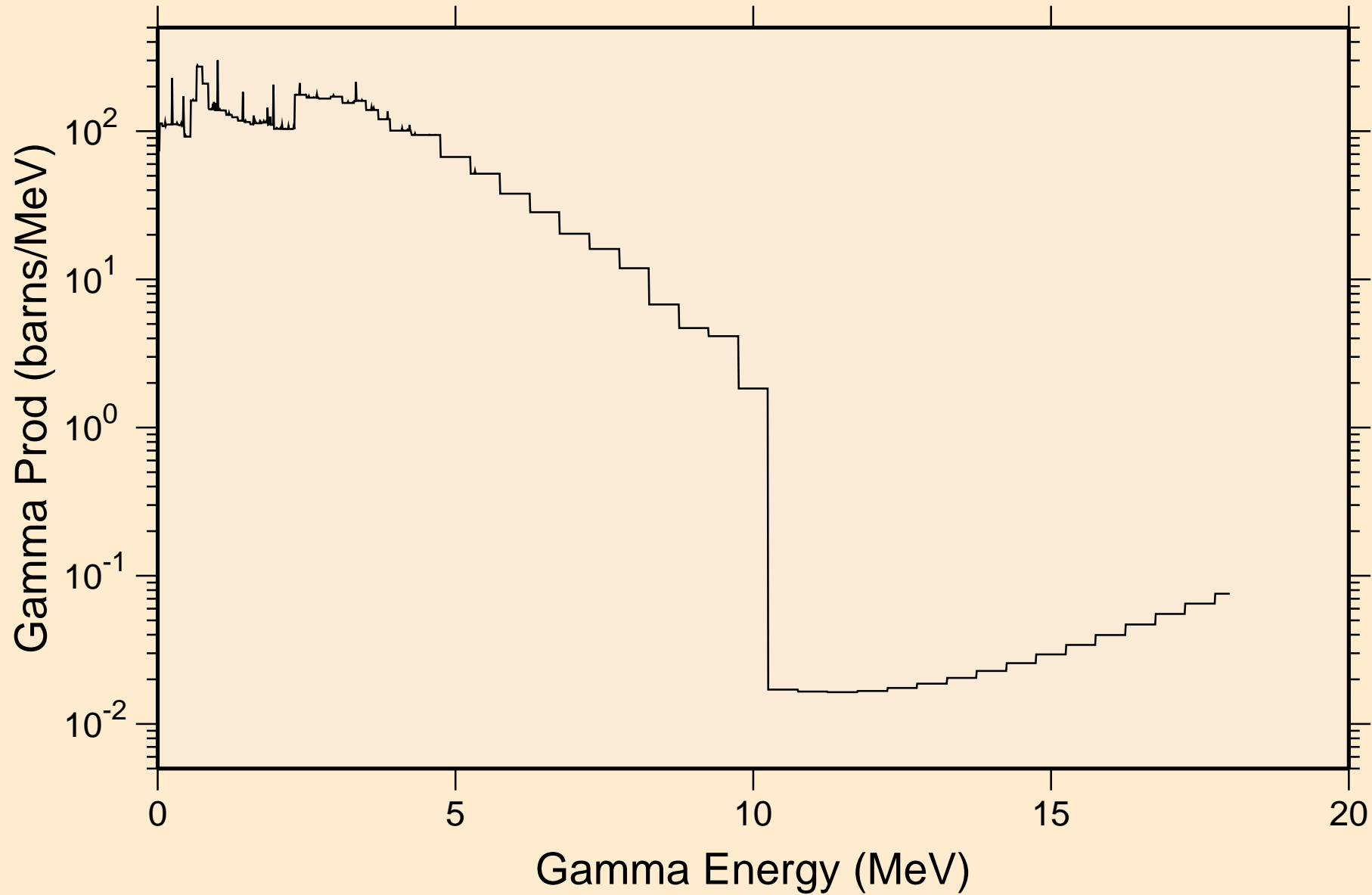
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Photon emission for (n,da)



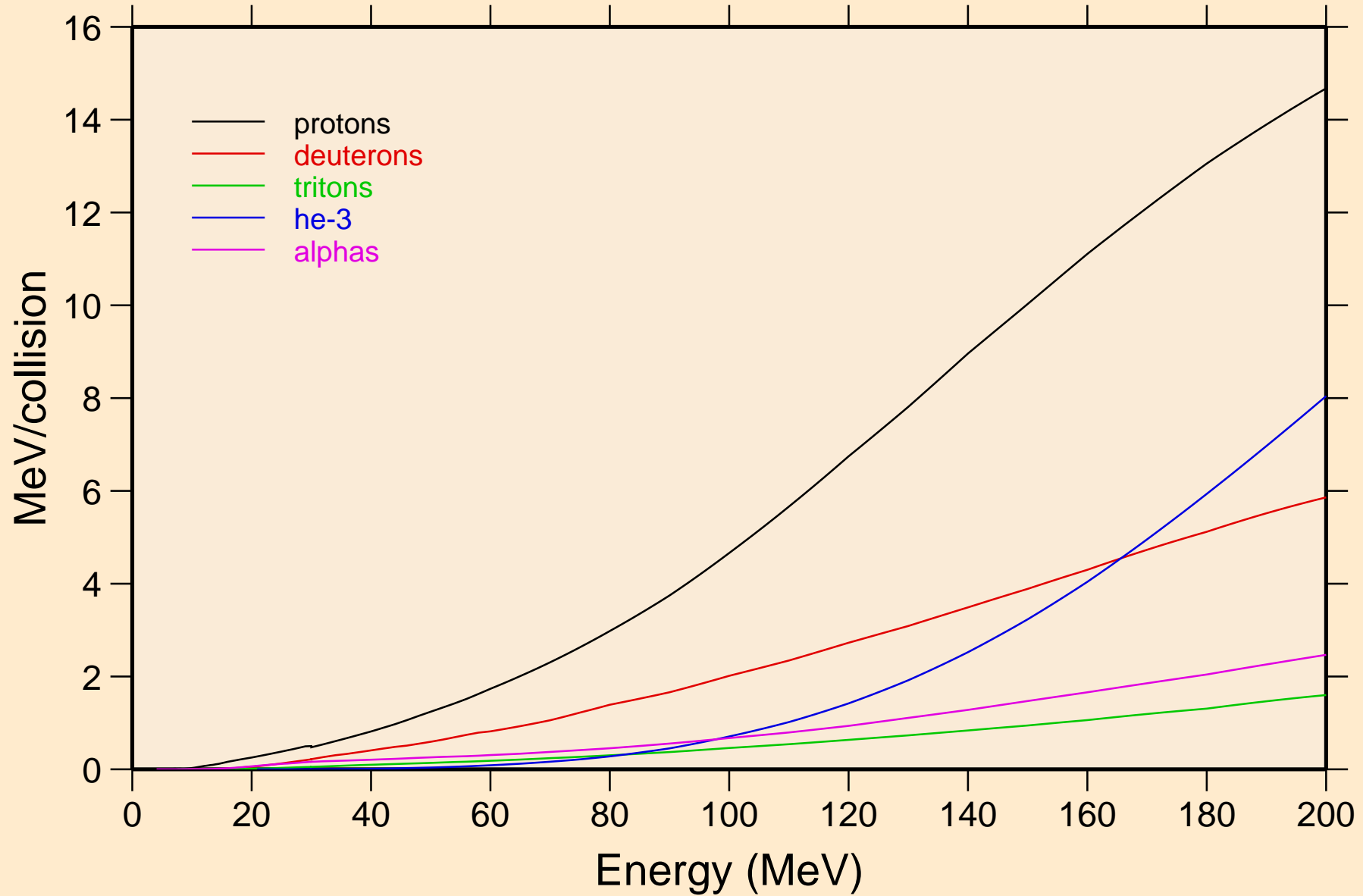
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



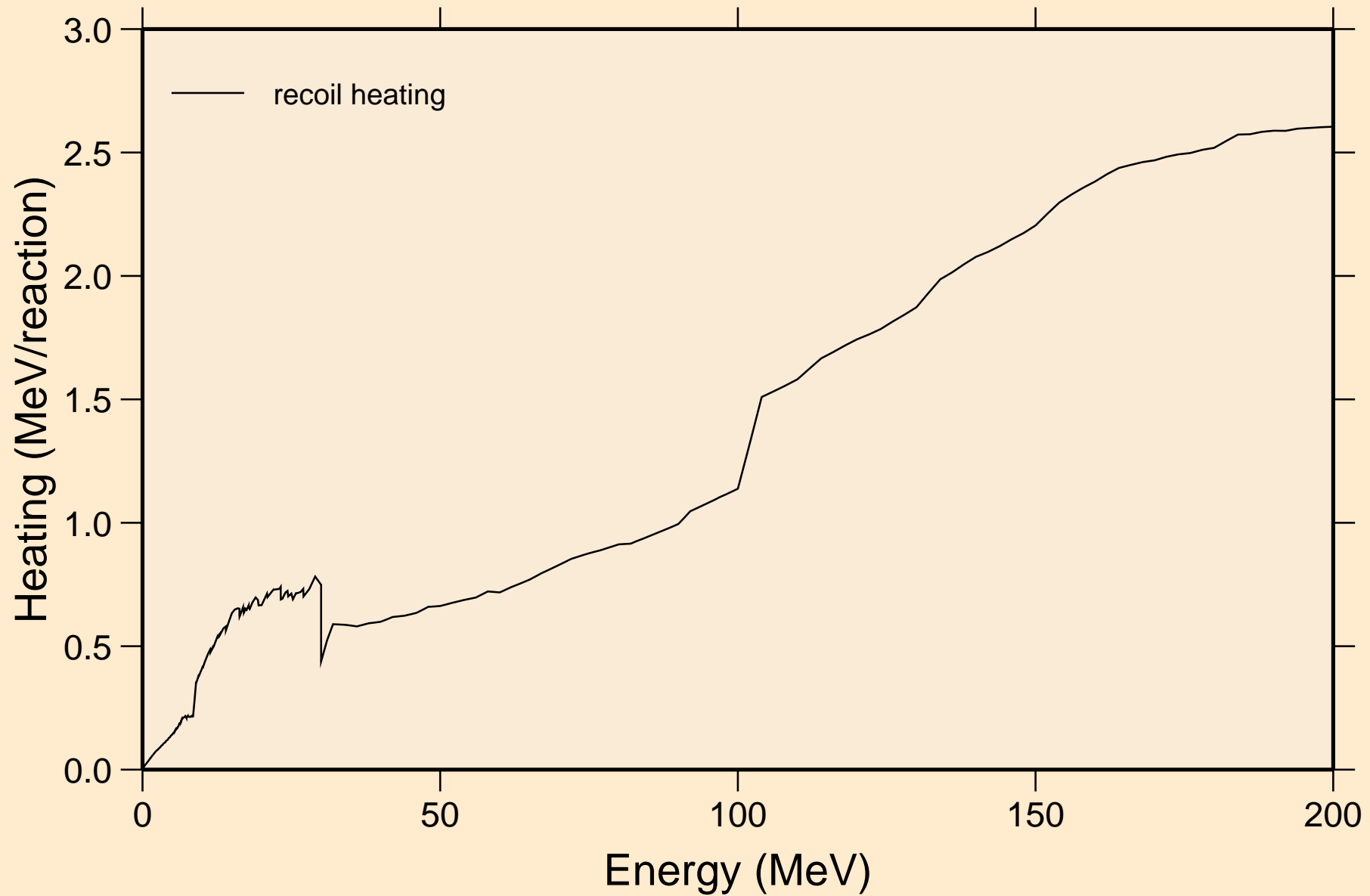
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14 MeV photon spectrum



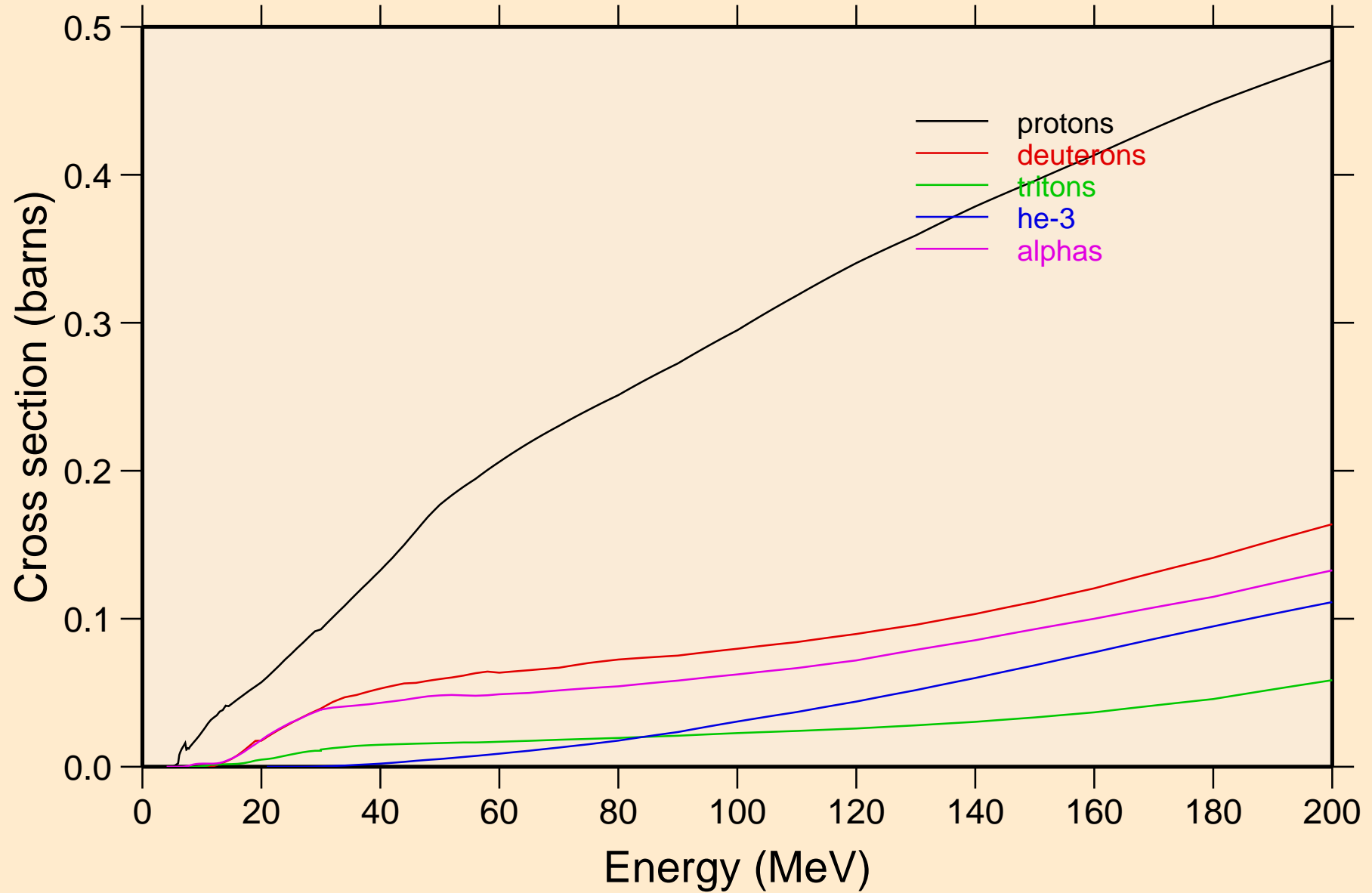
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



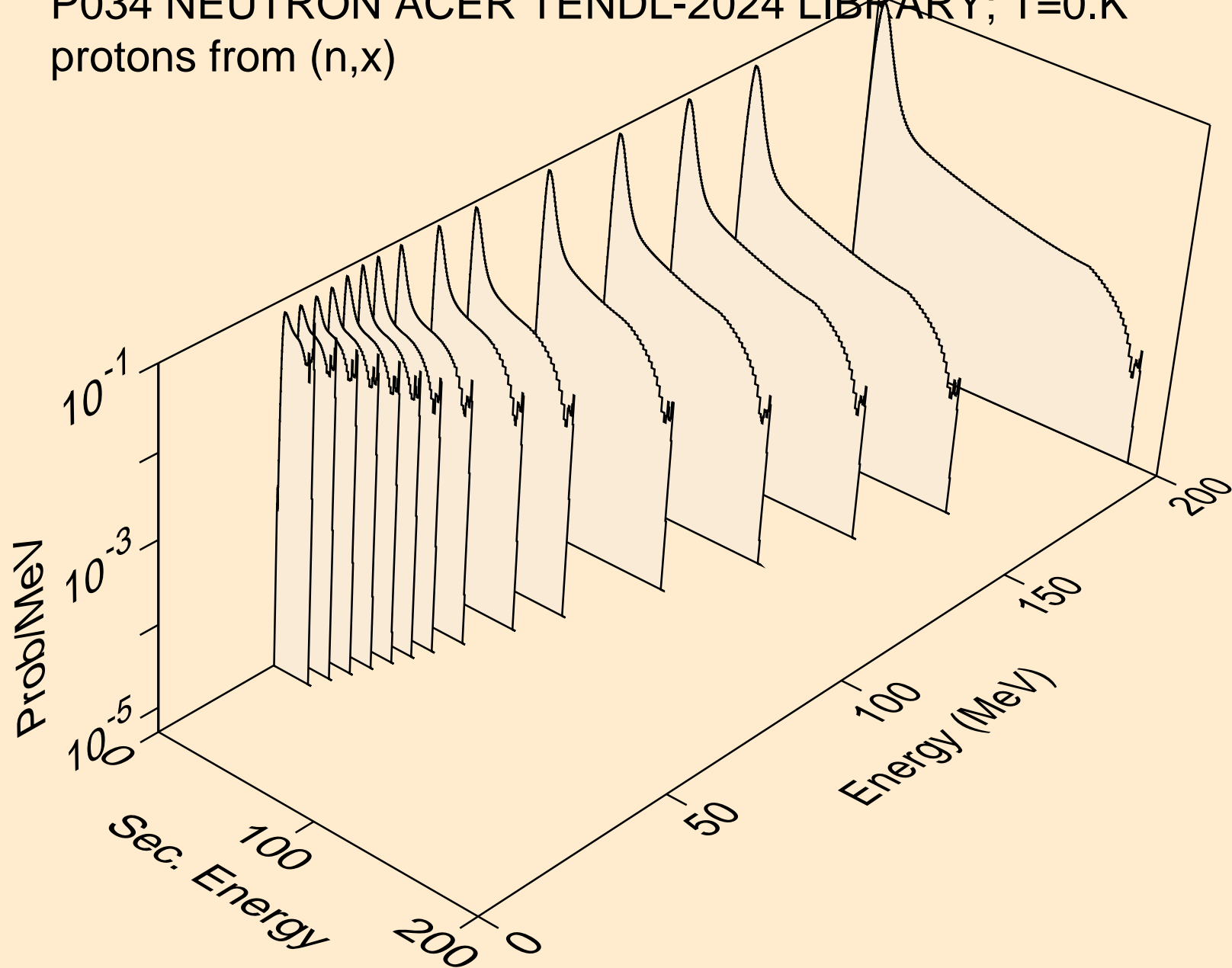
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Recoil Heating



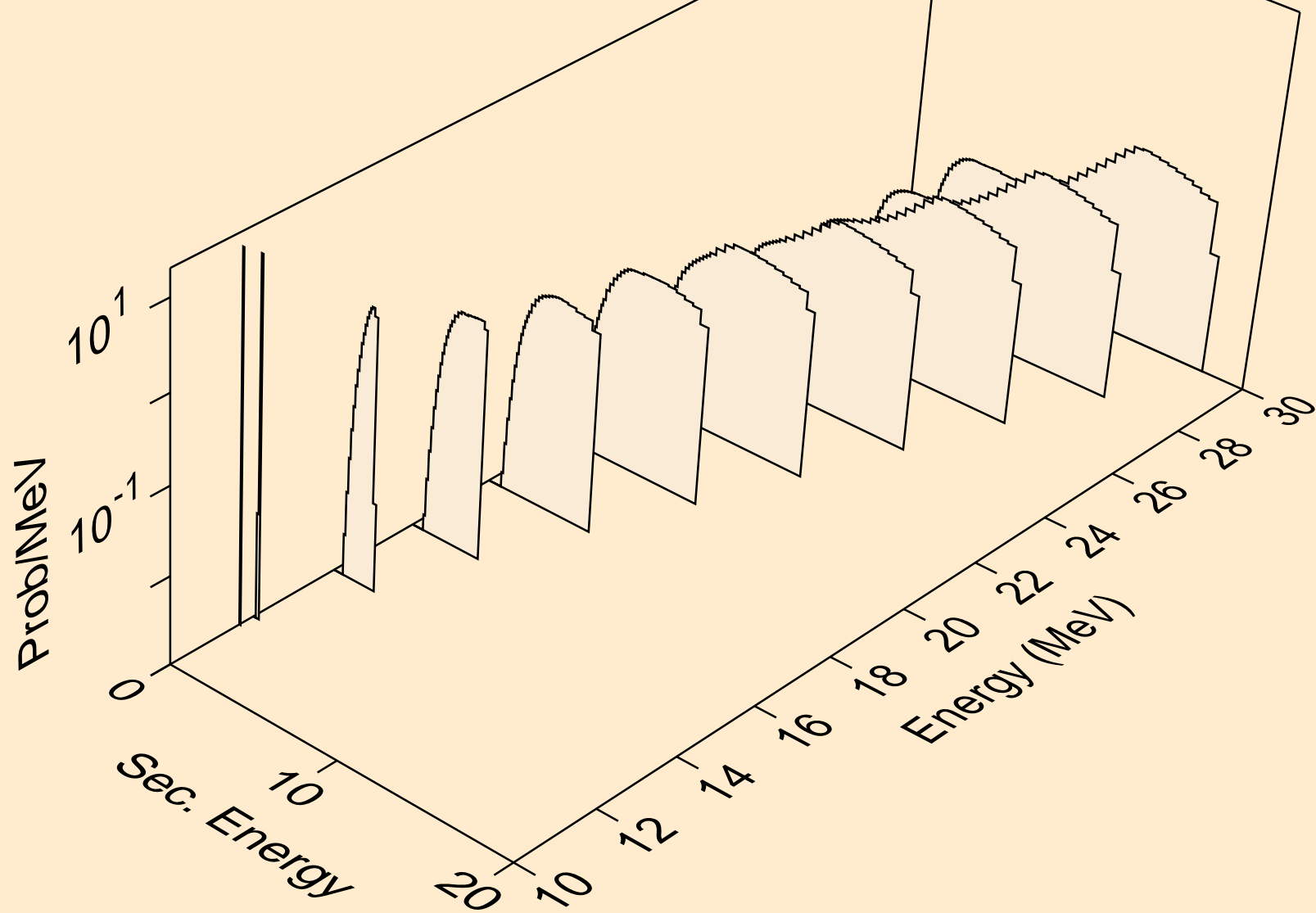
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

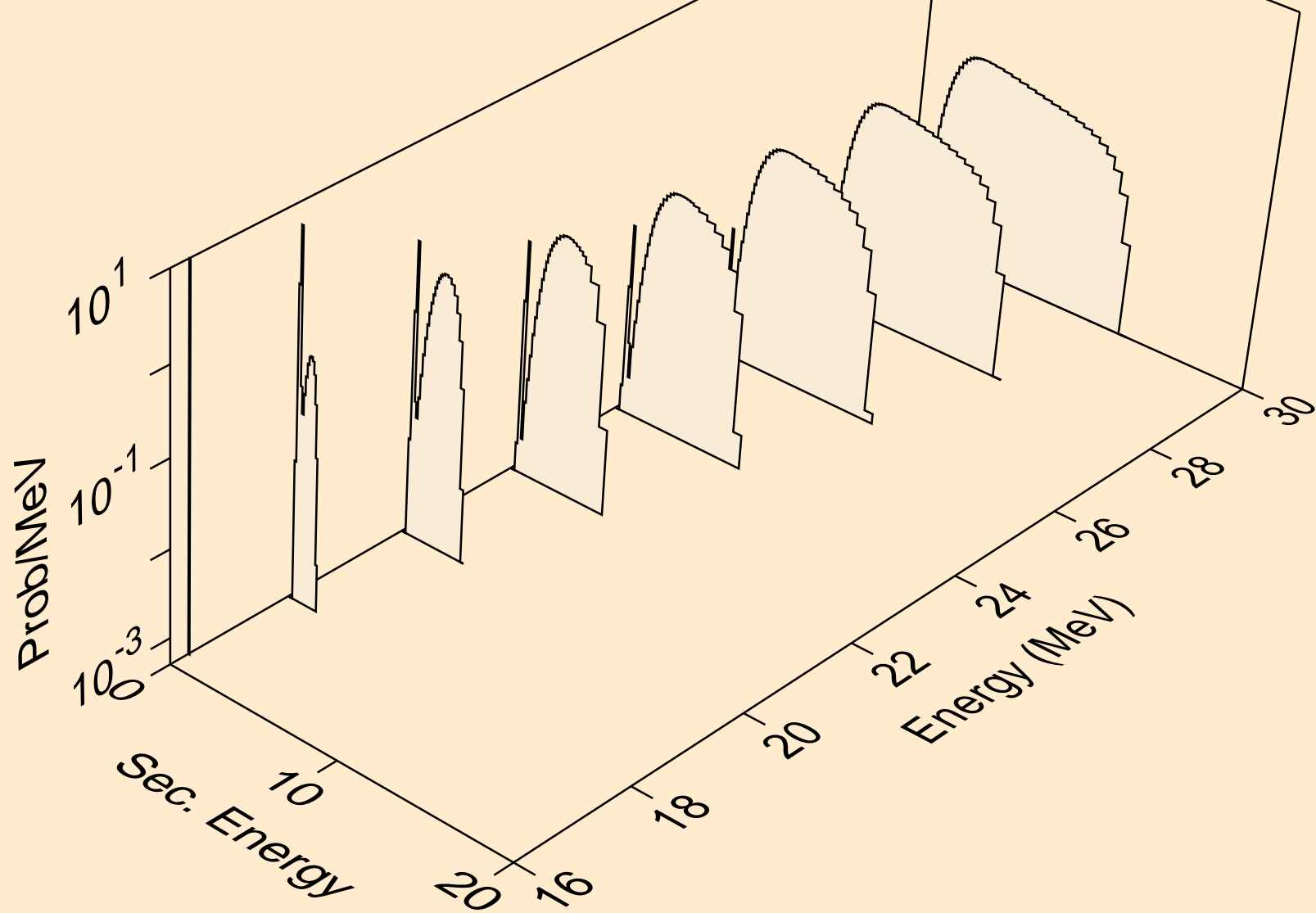


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

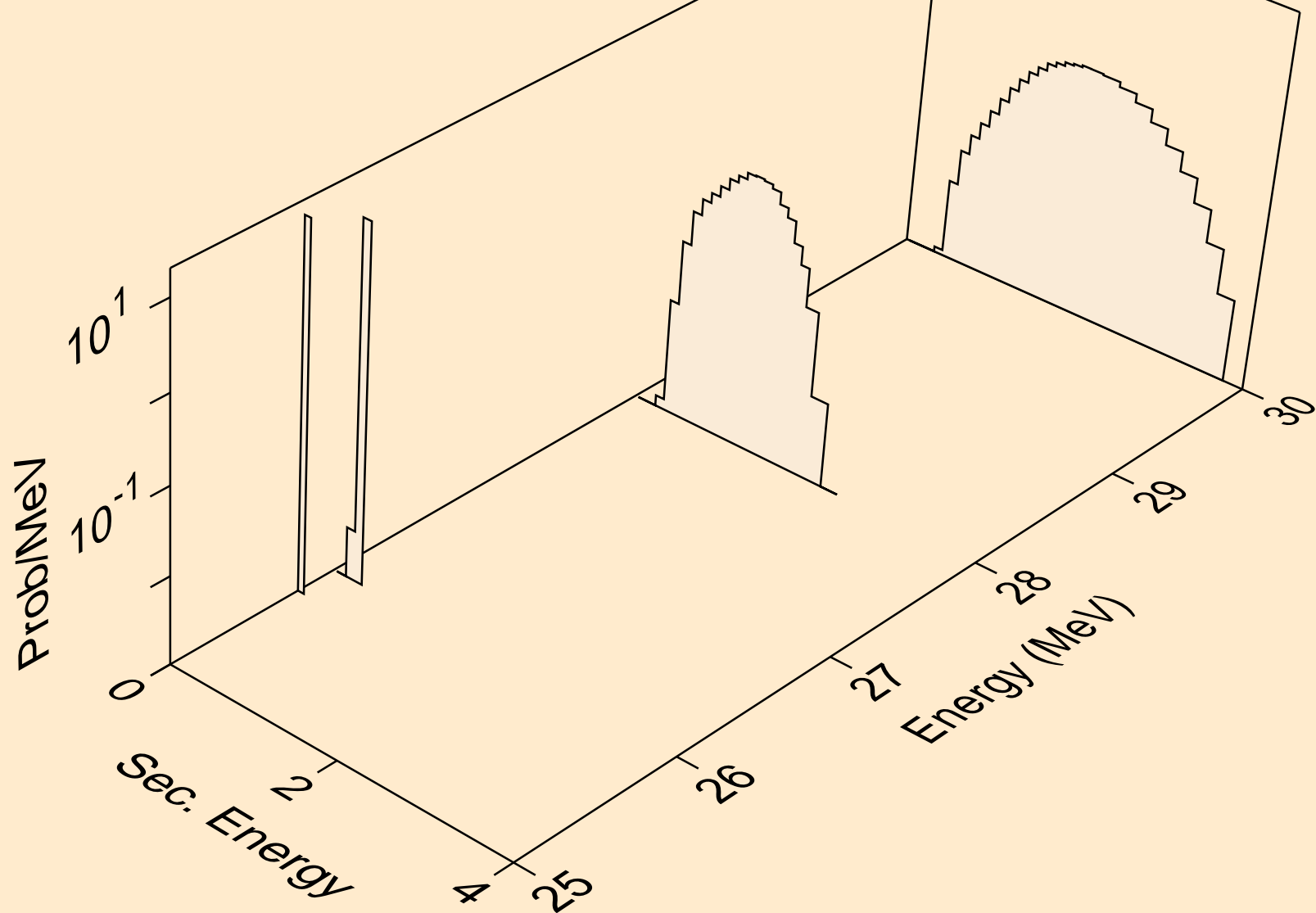




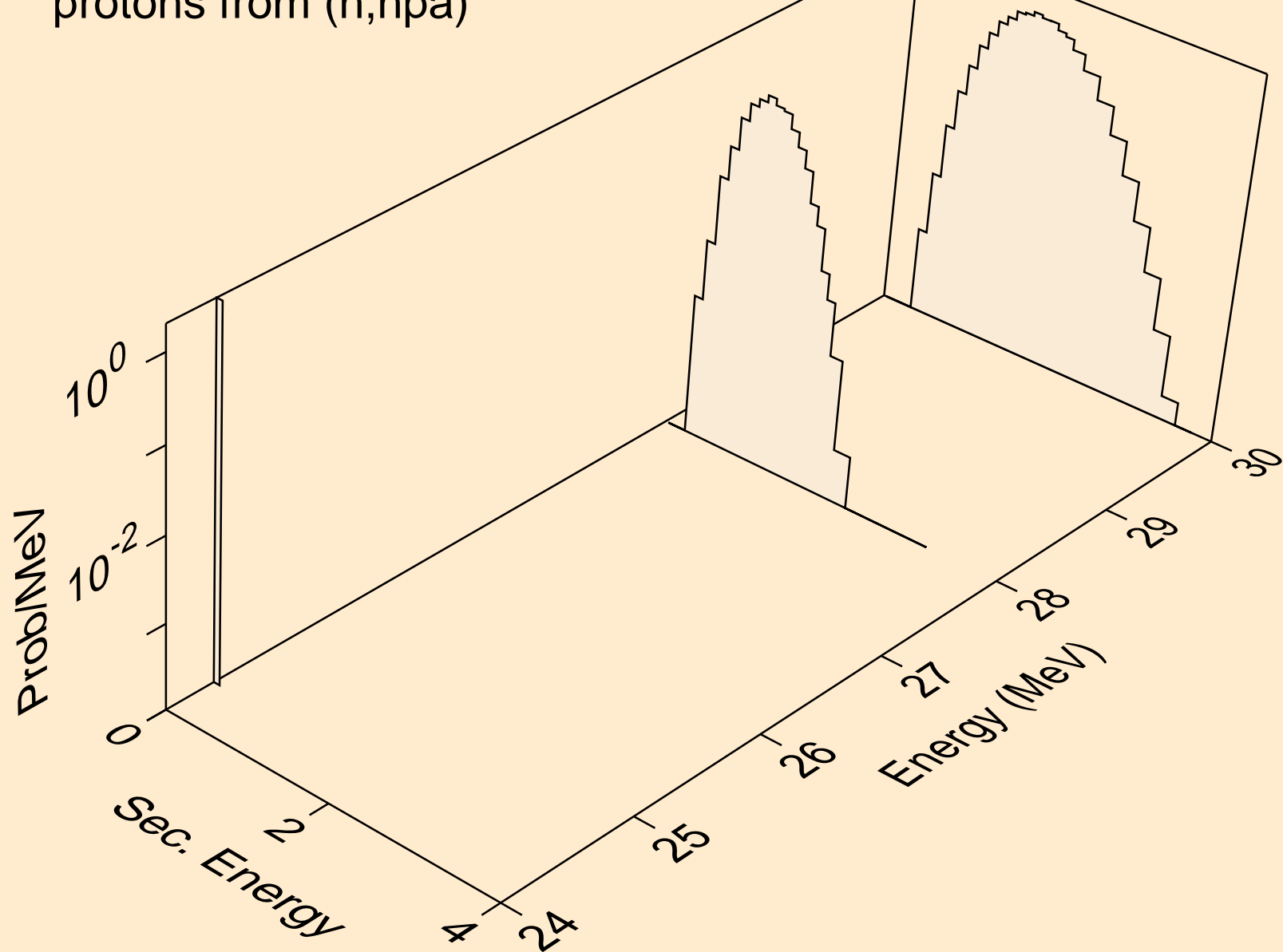
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protons from (n,2np)



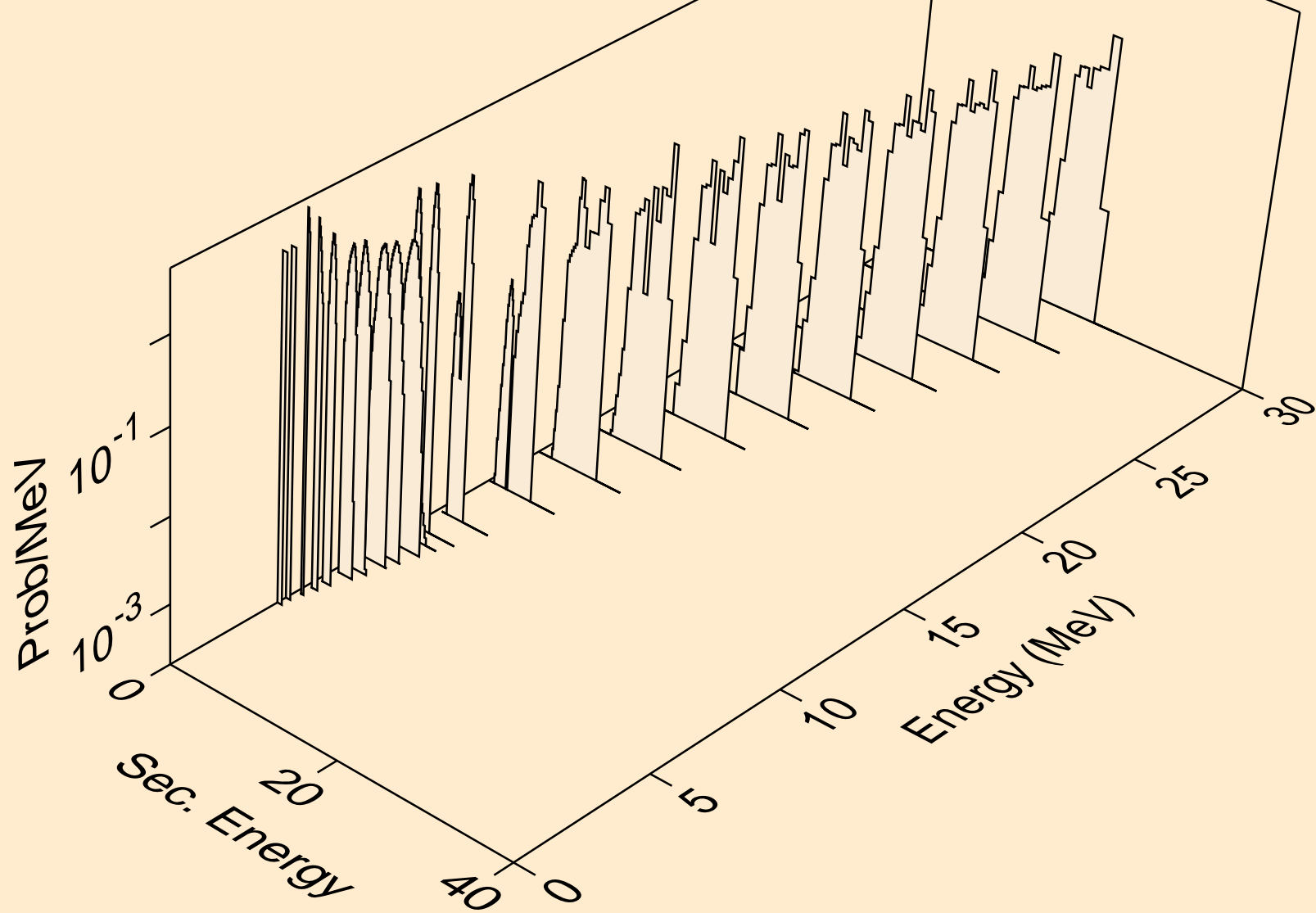
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protons from (n,3np)



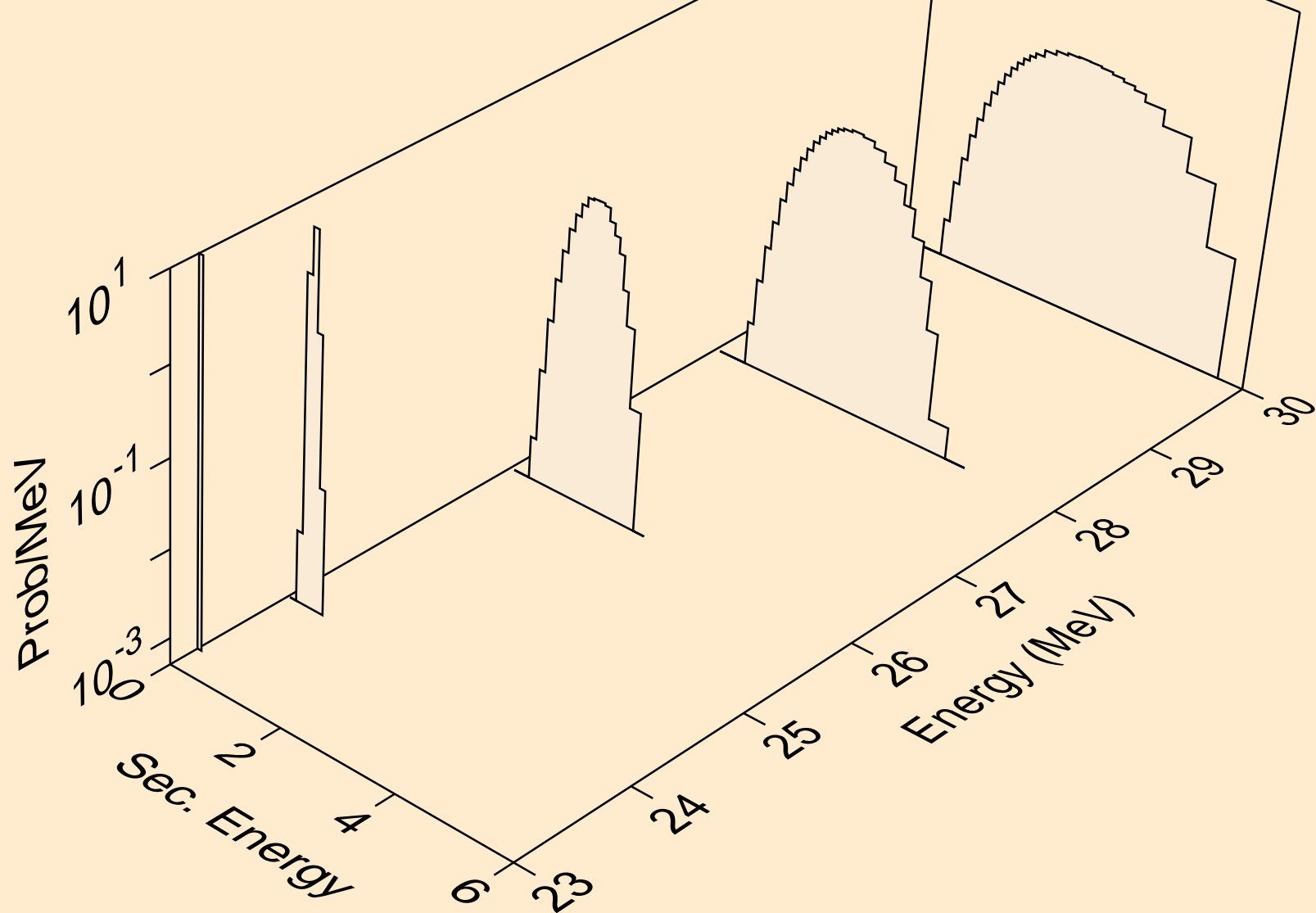
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protons from (n,npa)



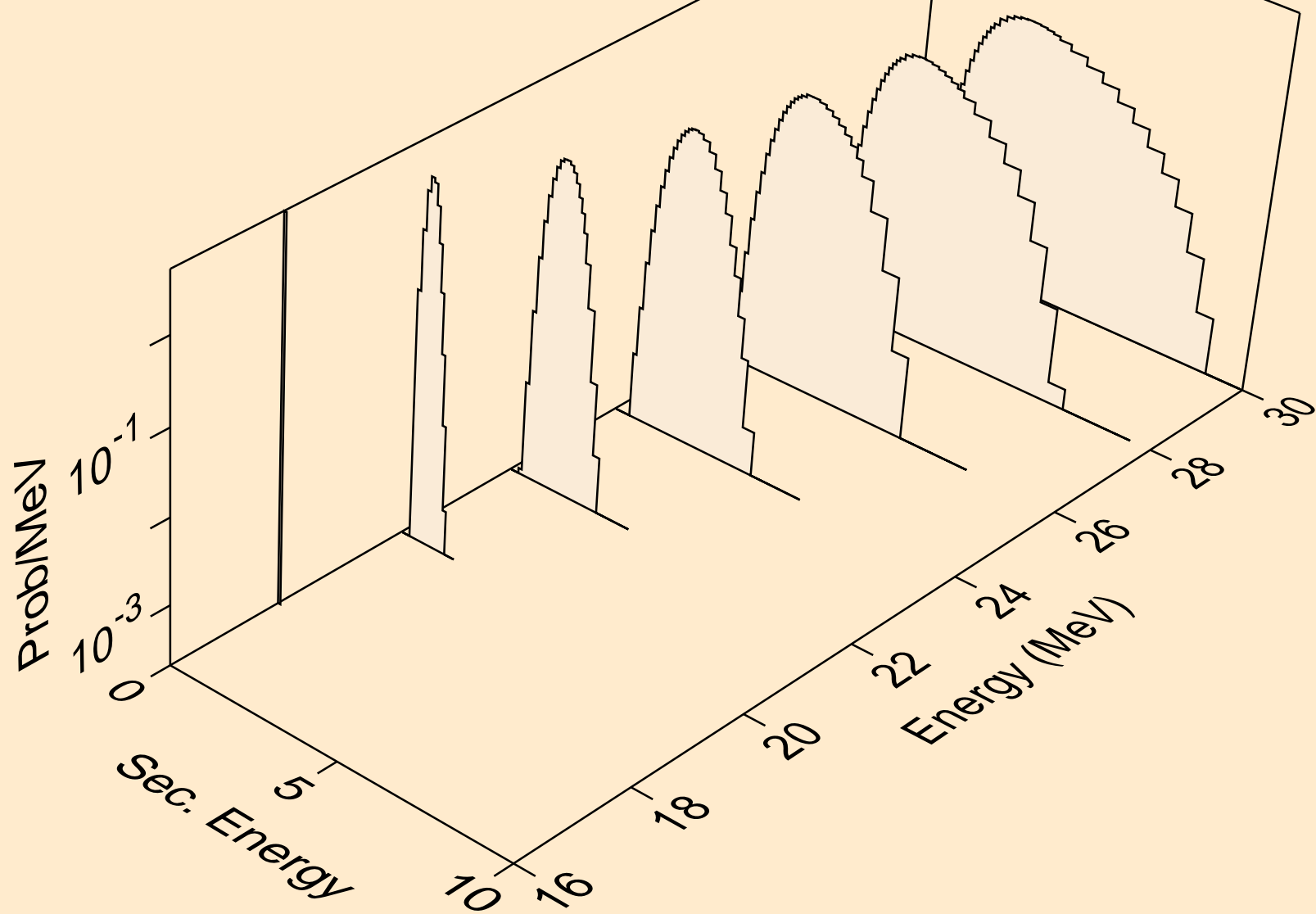
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protons from (n,p)



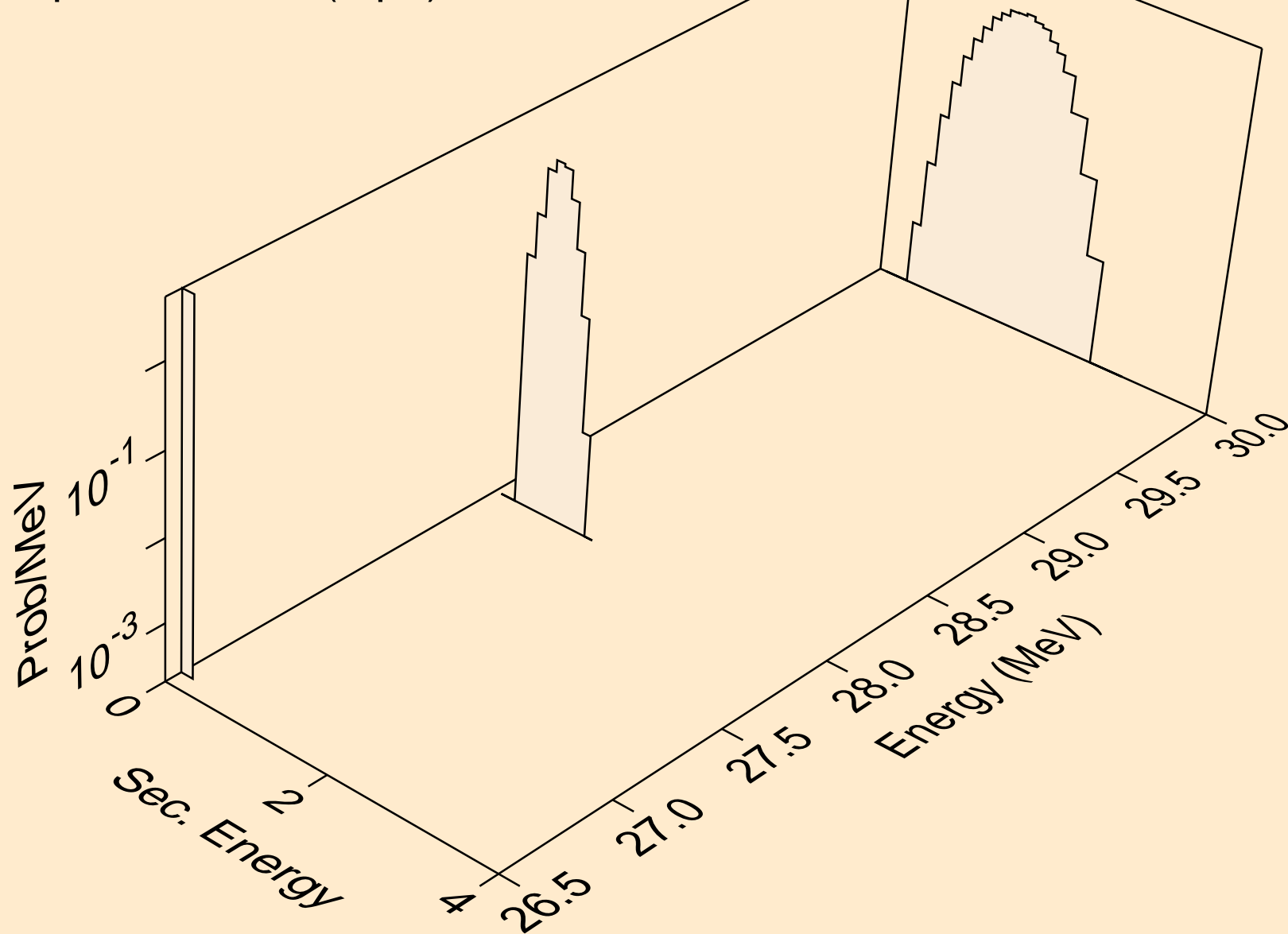
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protons from (n,2p)



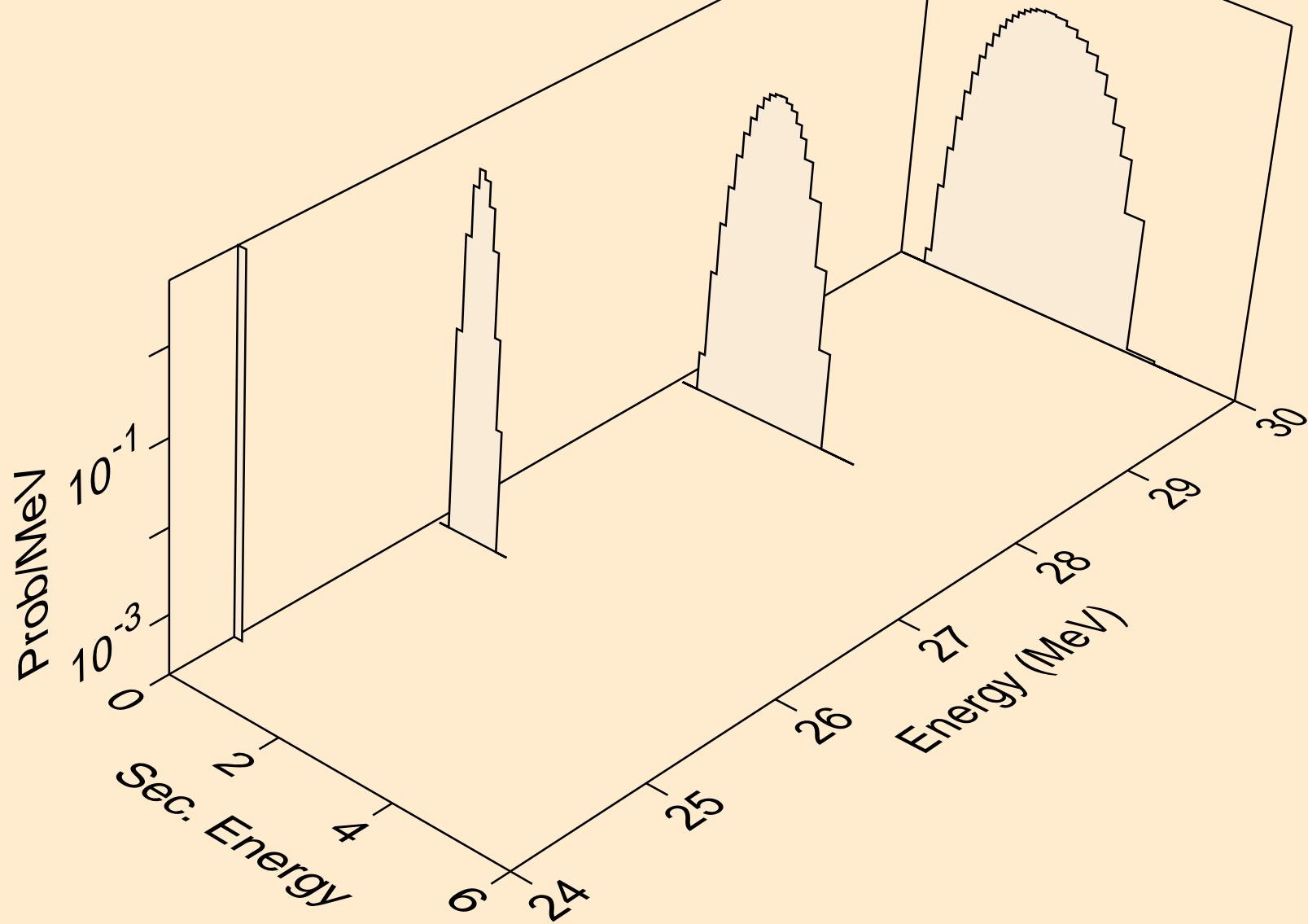
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protons from (n,p)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

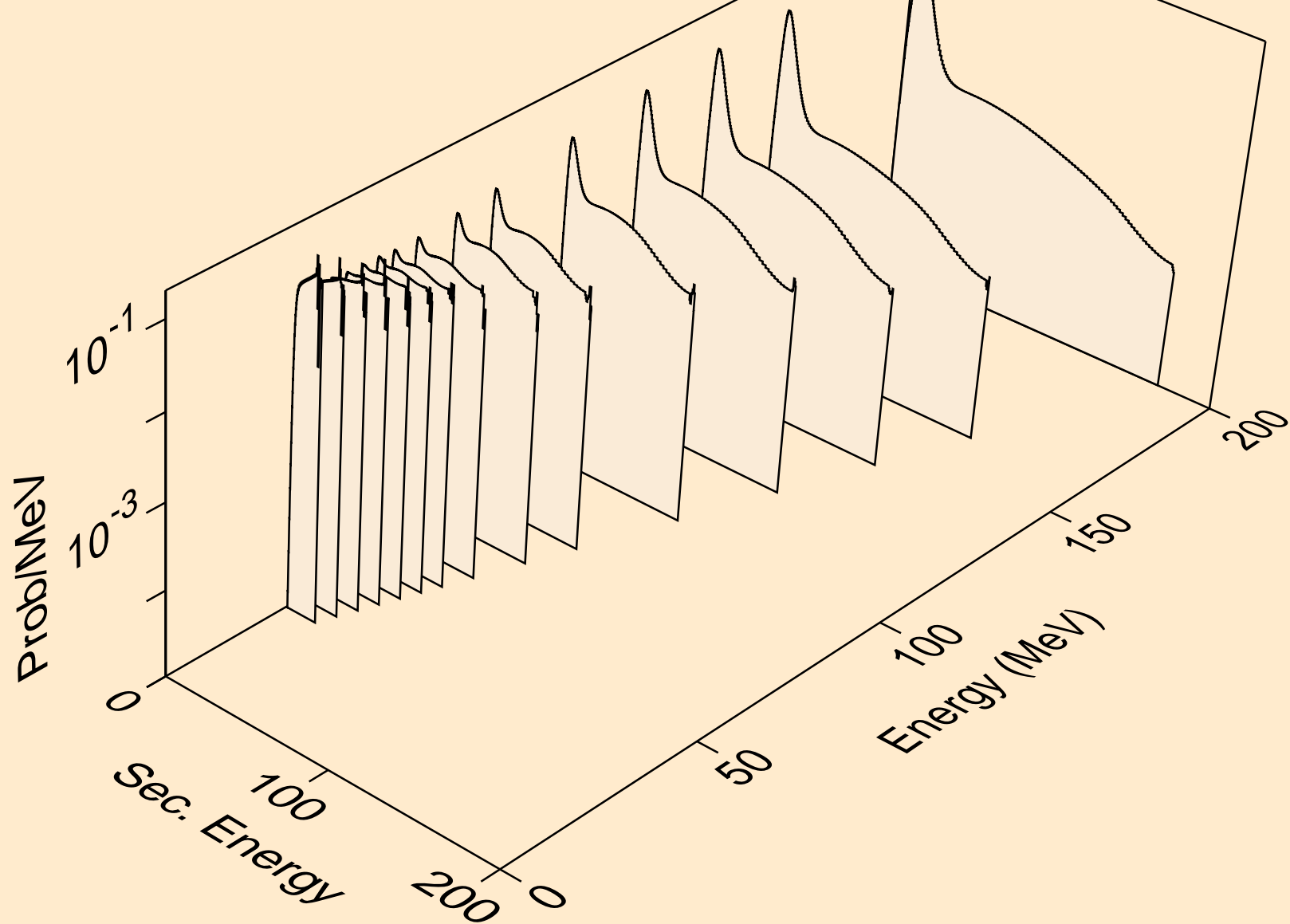


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protons from (n,pt)

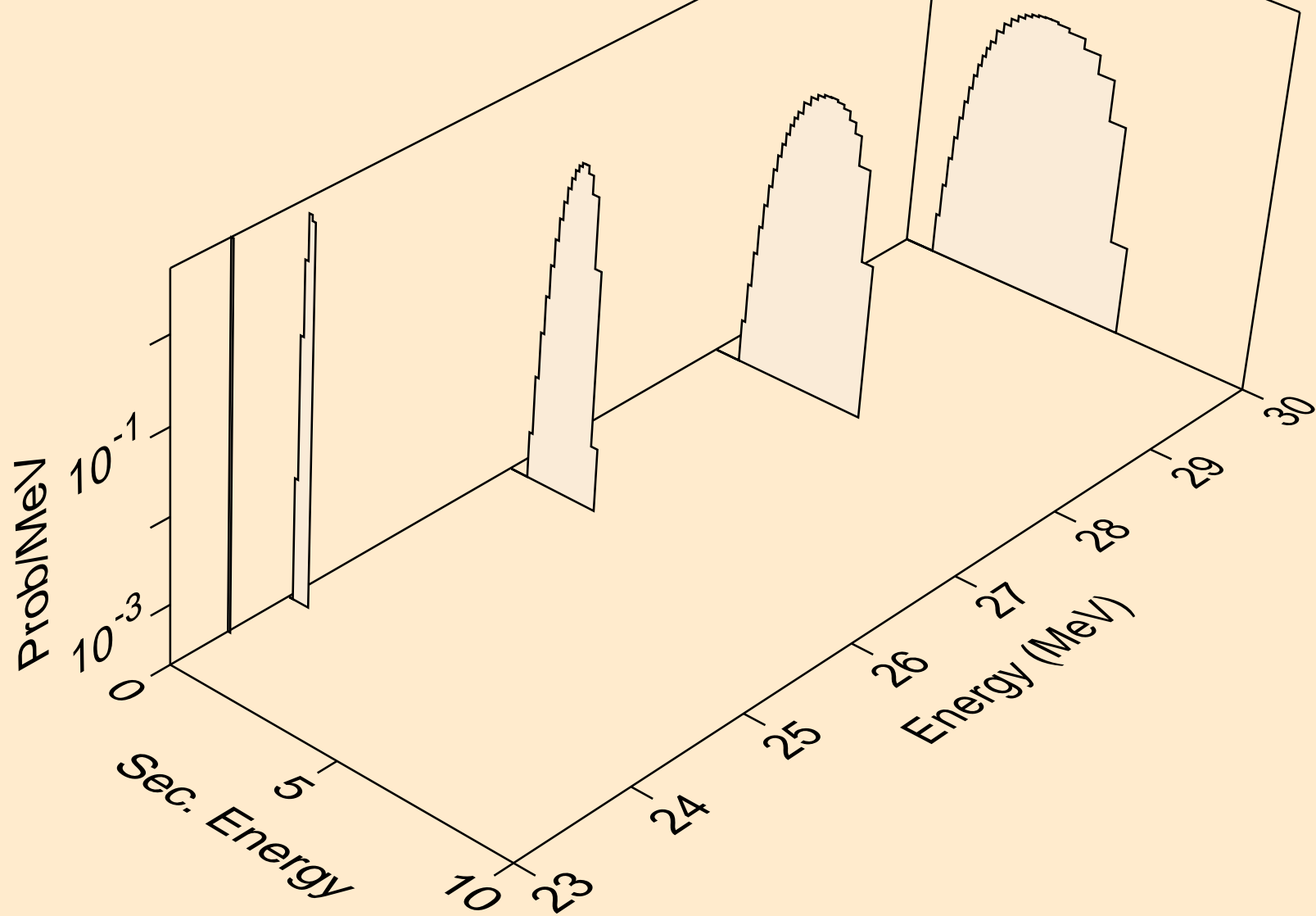




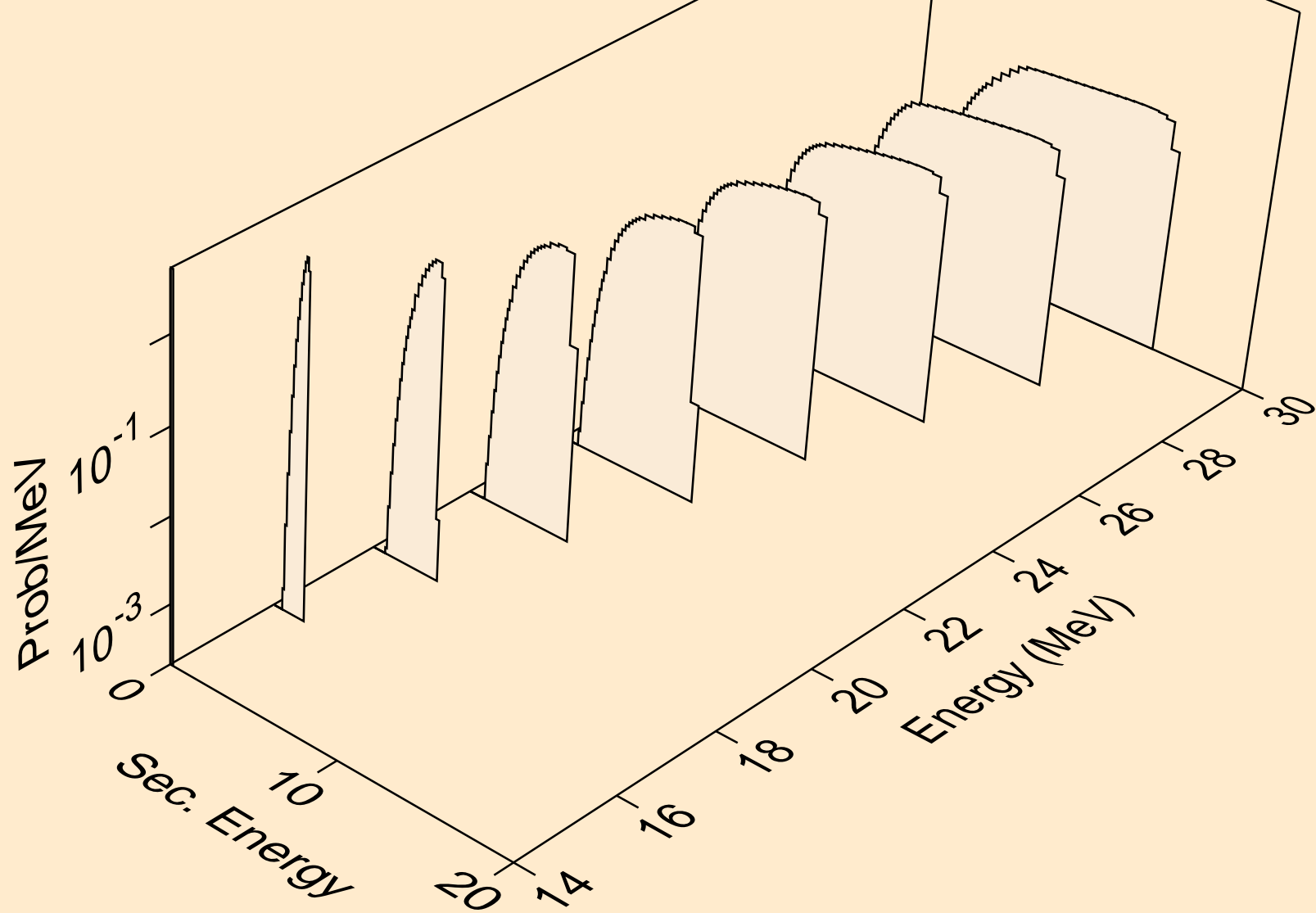
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deuterons from (n,x)



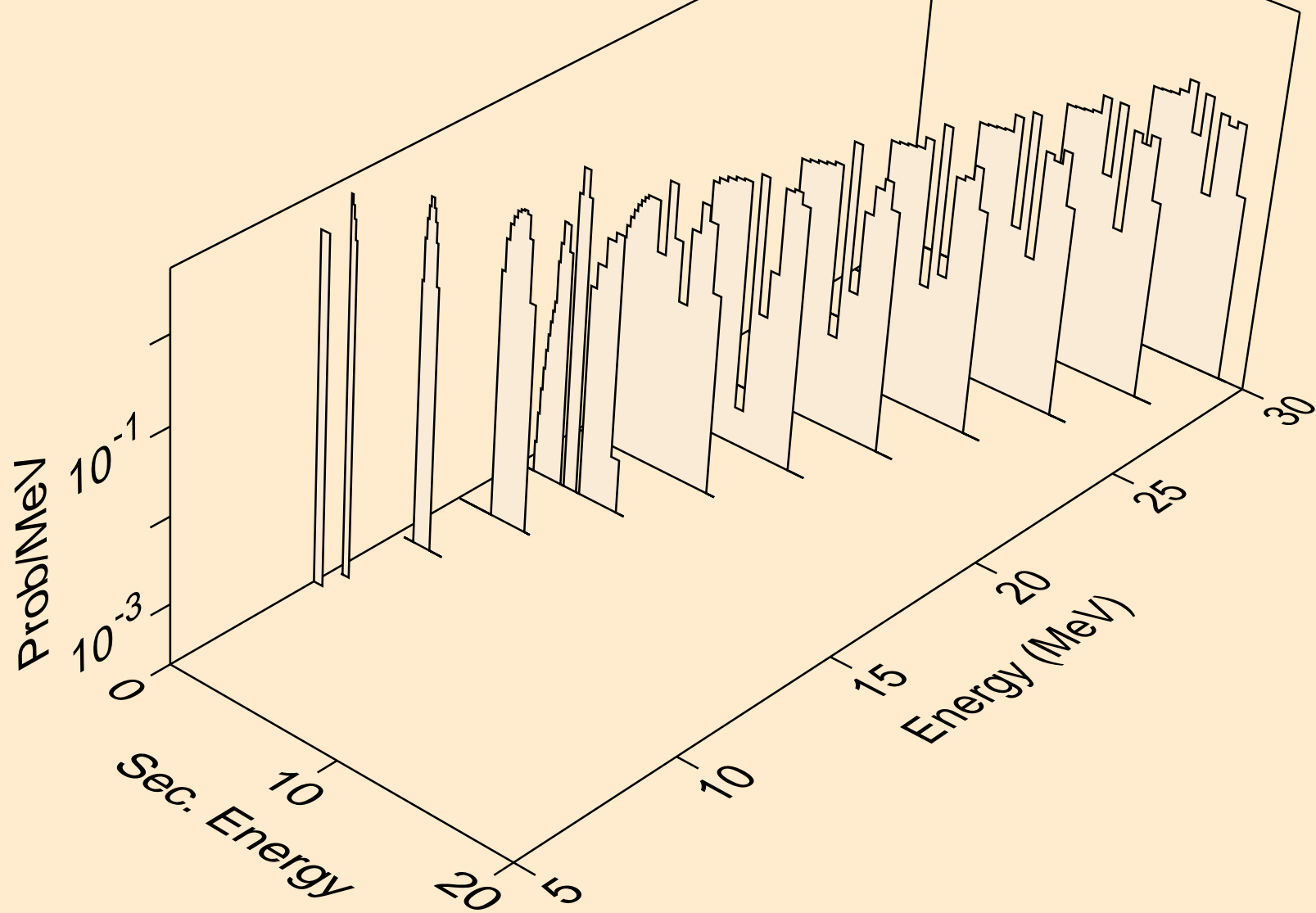
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deuterons from (n,2nd)



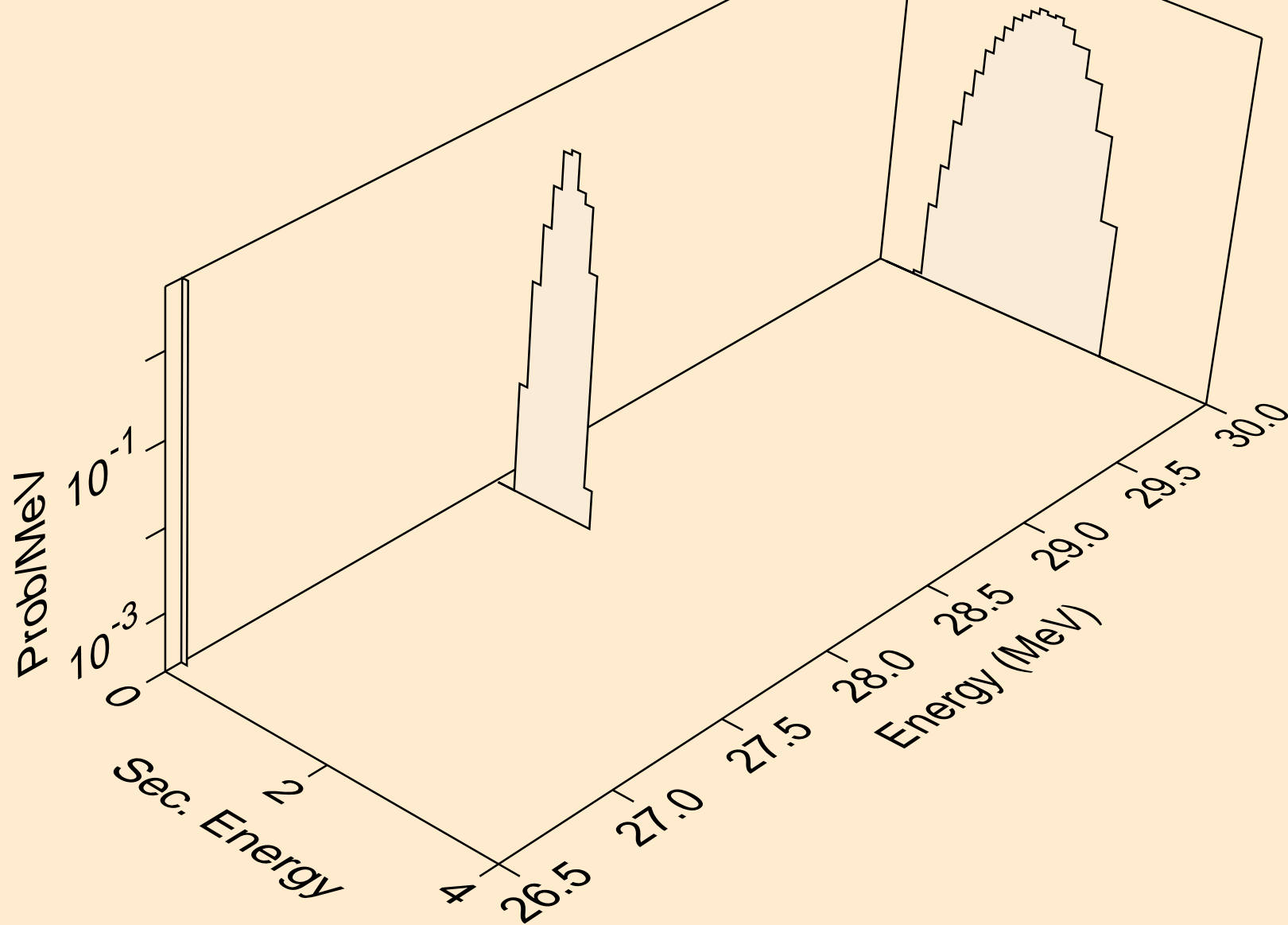
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deuterons from (n,n\*)d



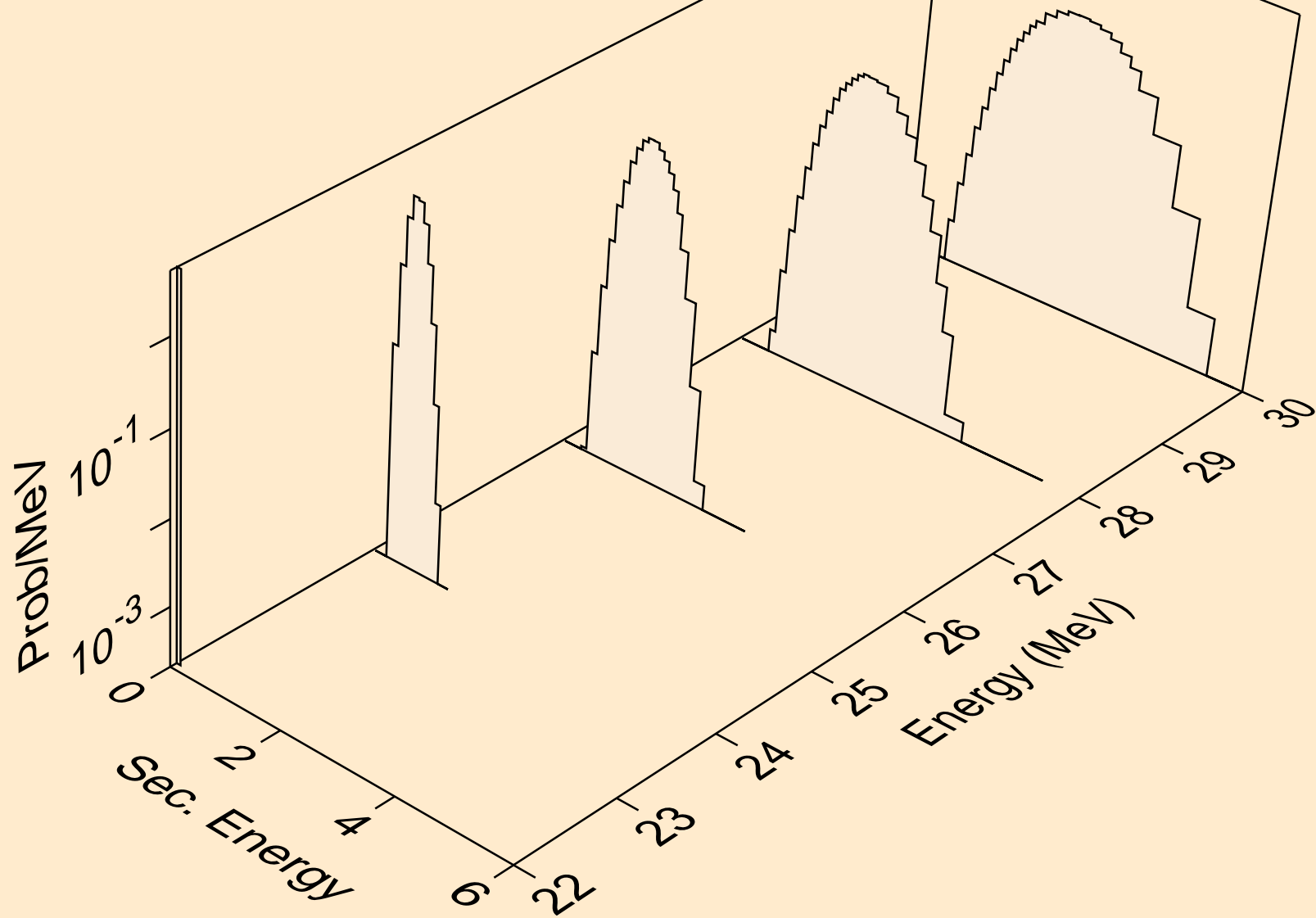
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deuterons from (n,d)



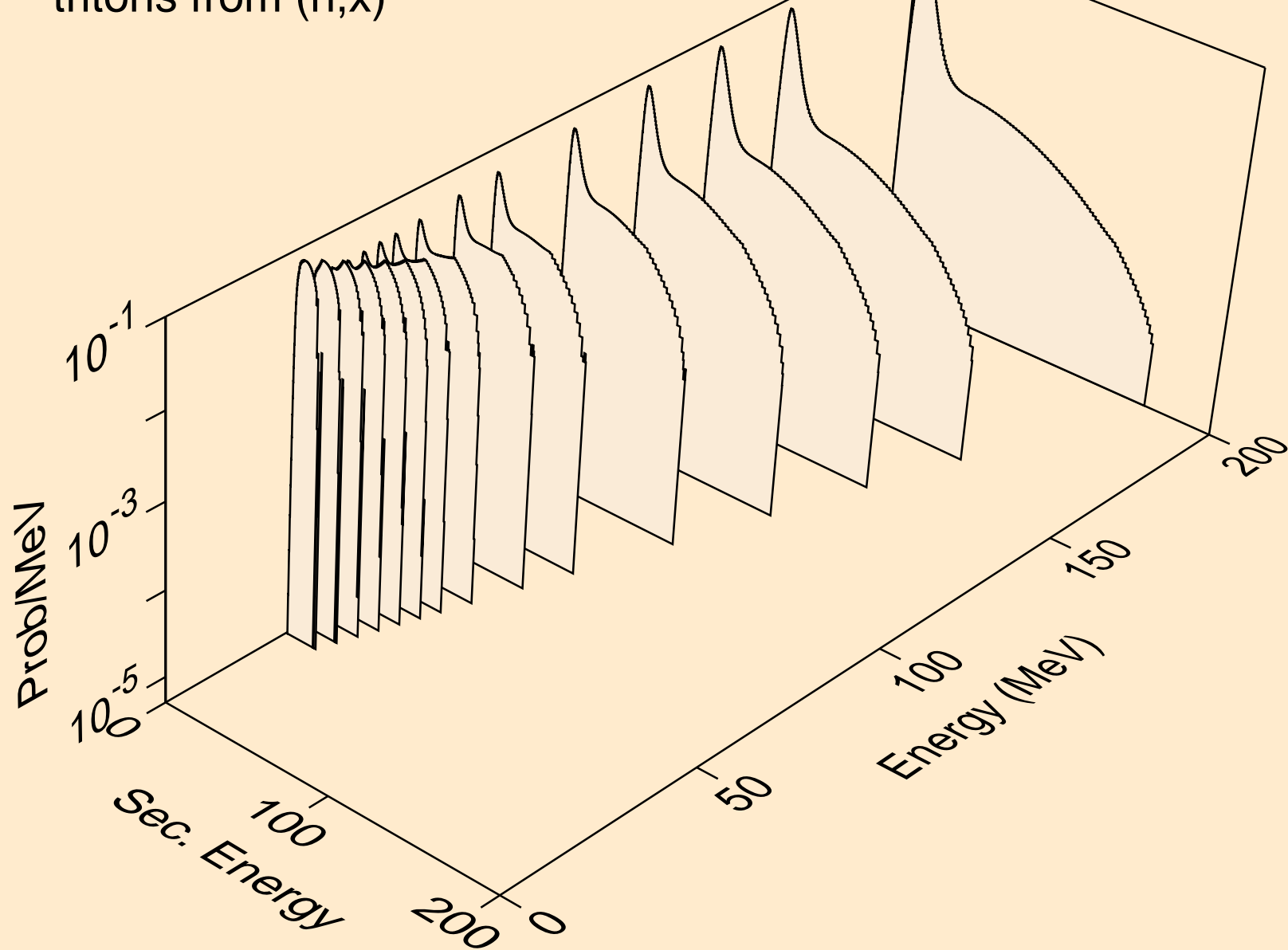
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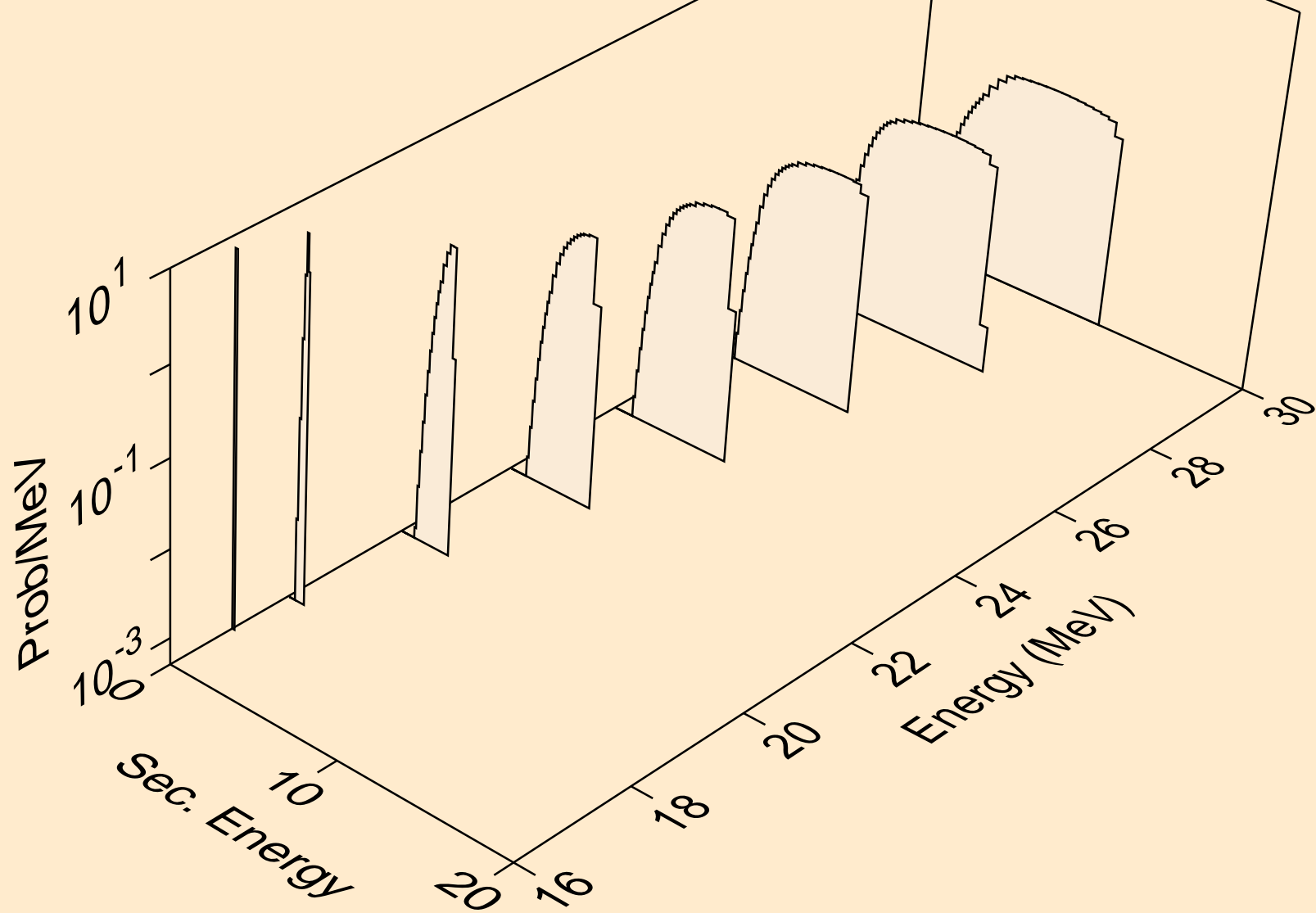
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

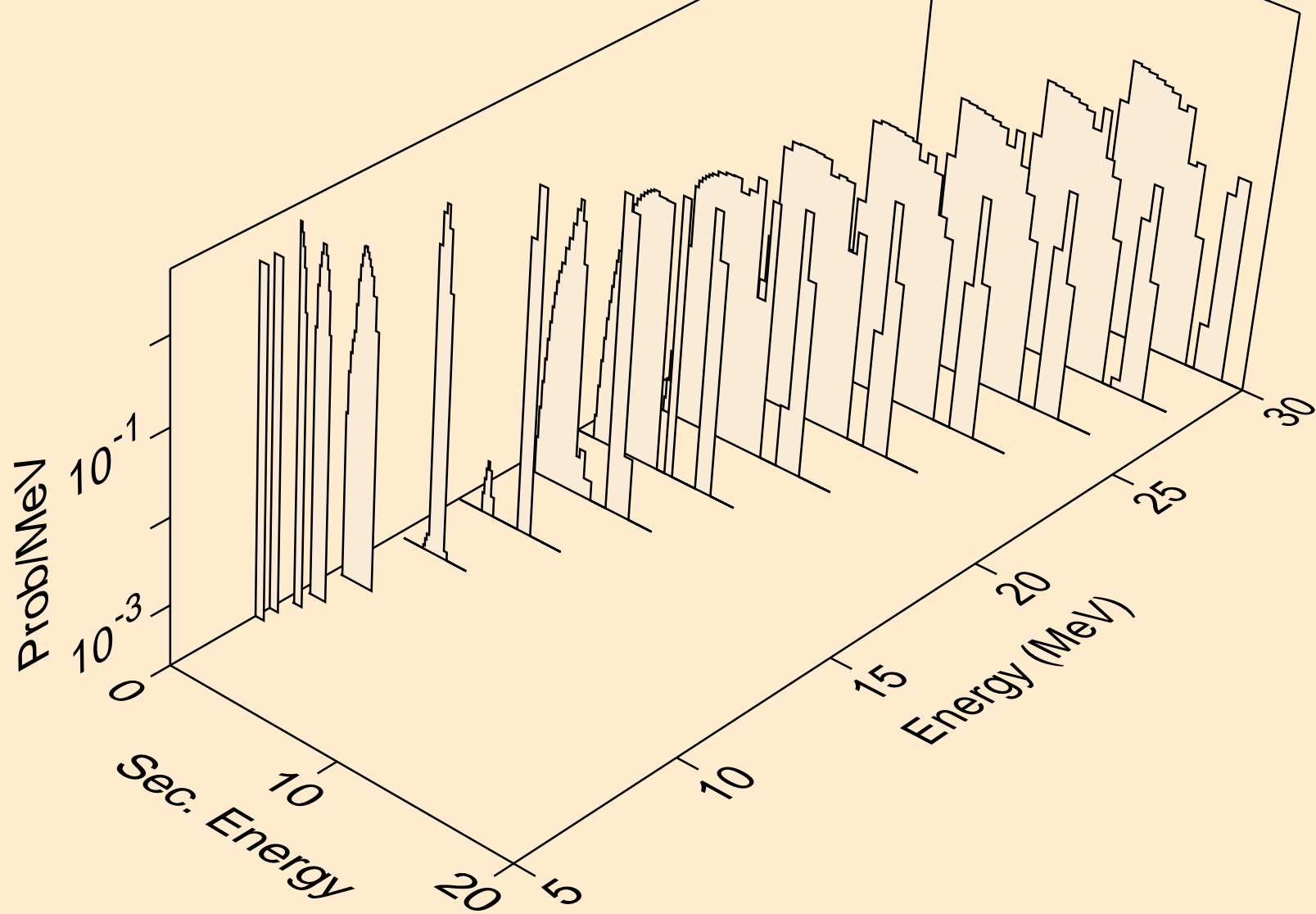


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

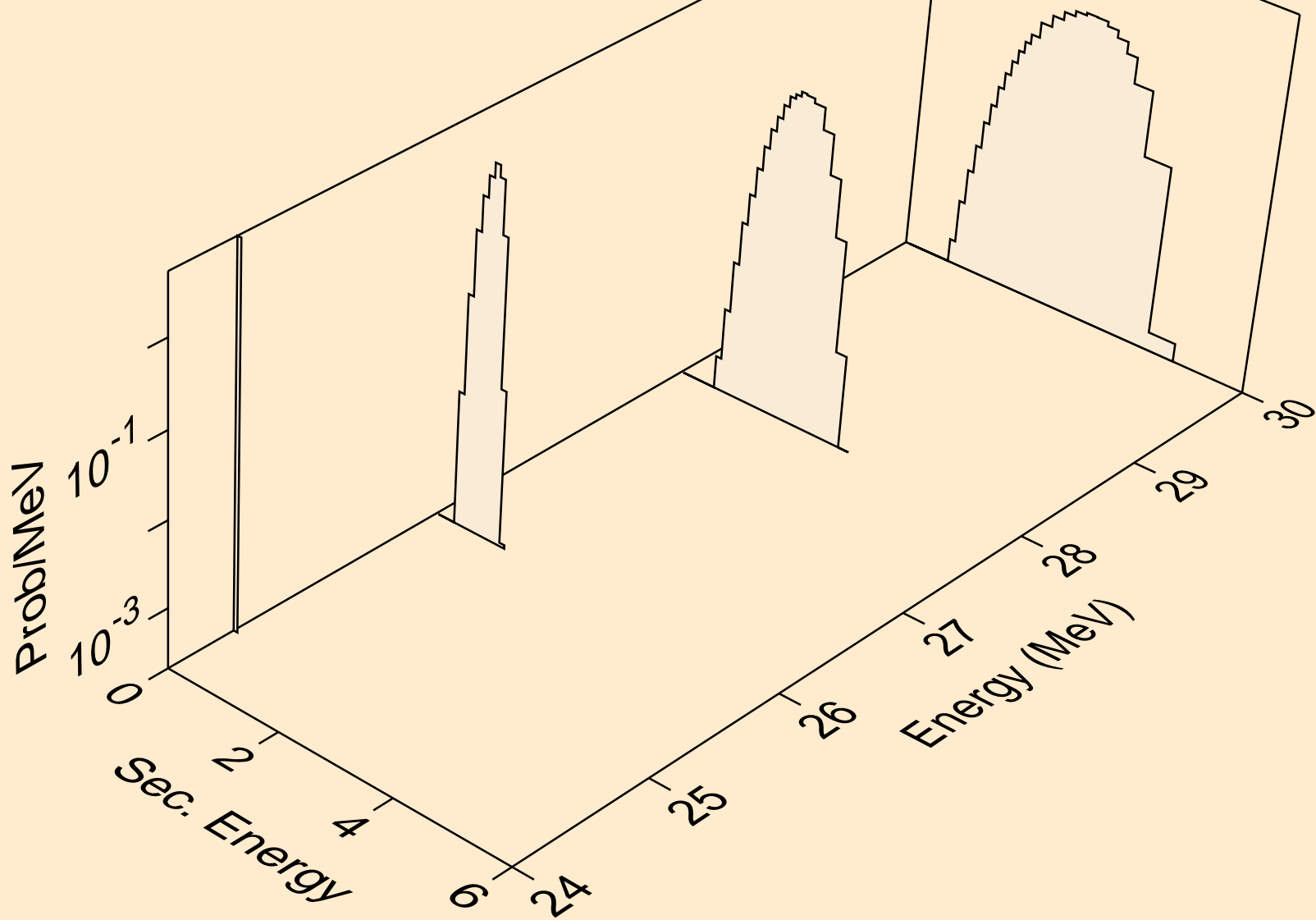




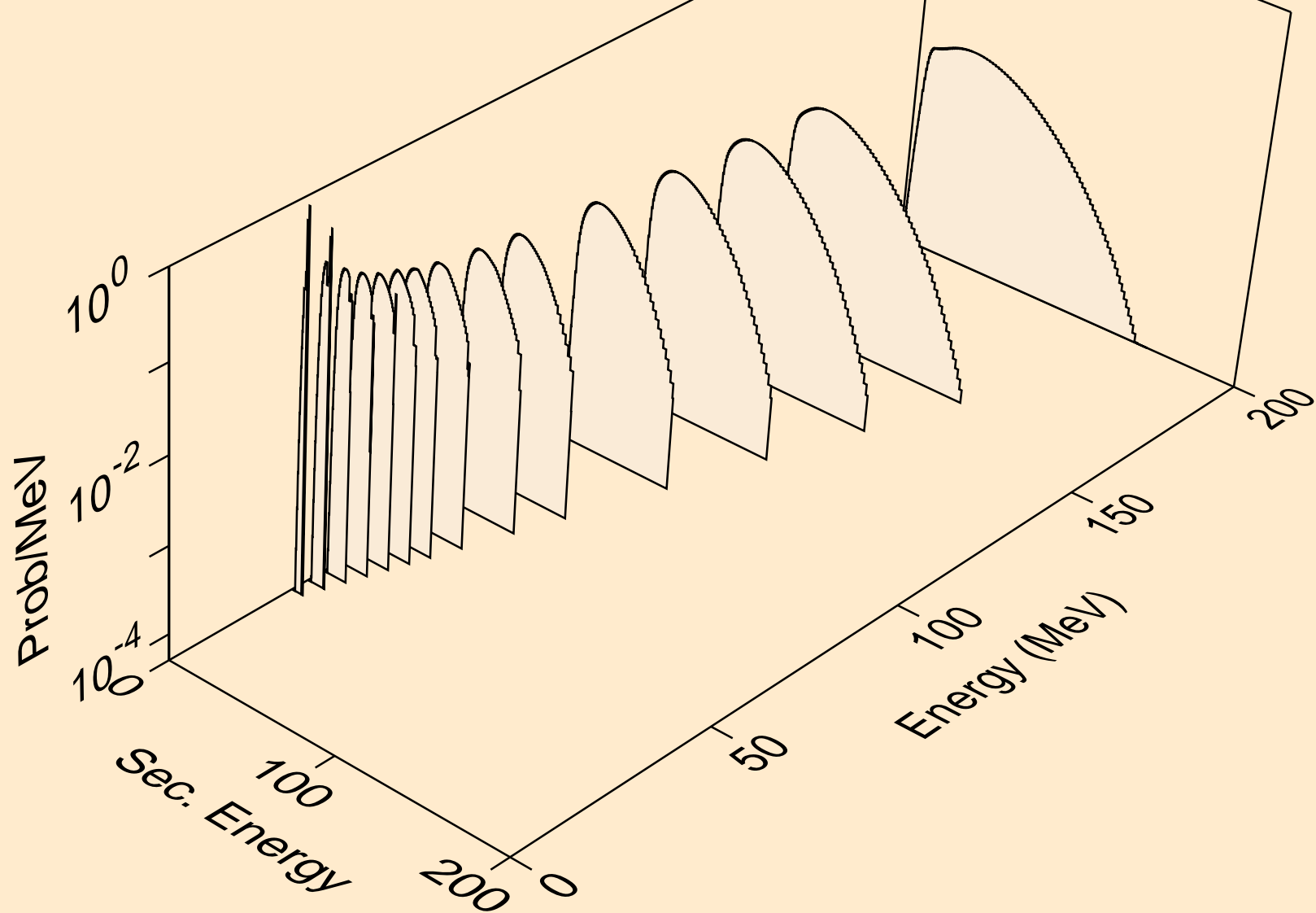
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tritons from (n,t)



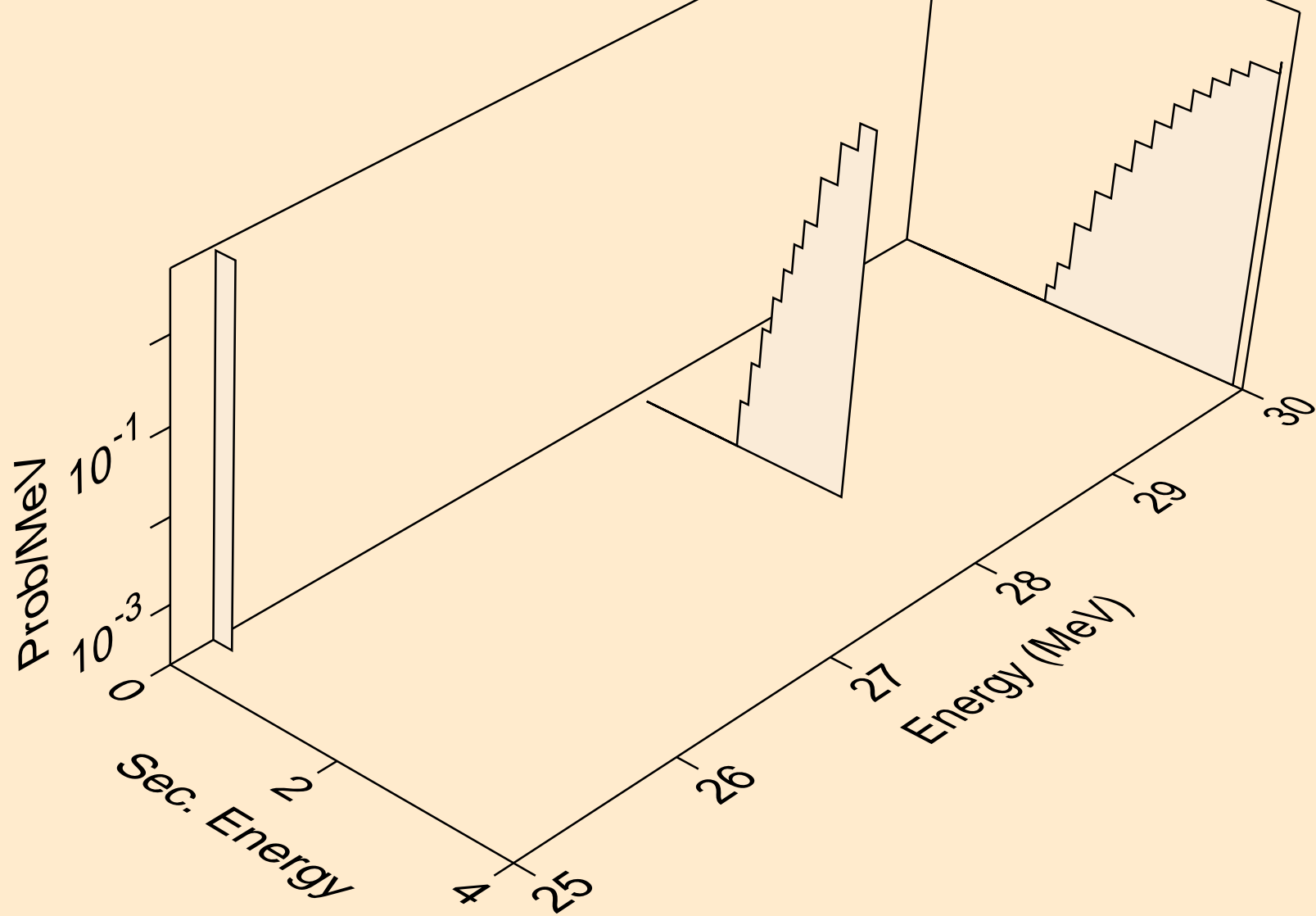
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tritons from (n,pt)



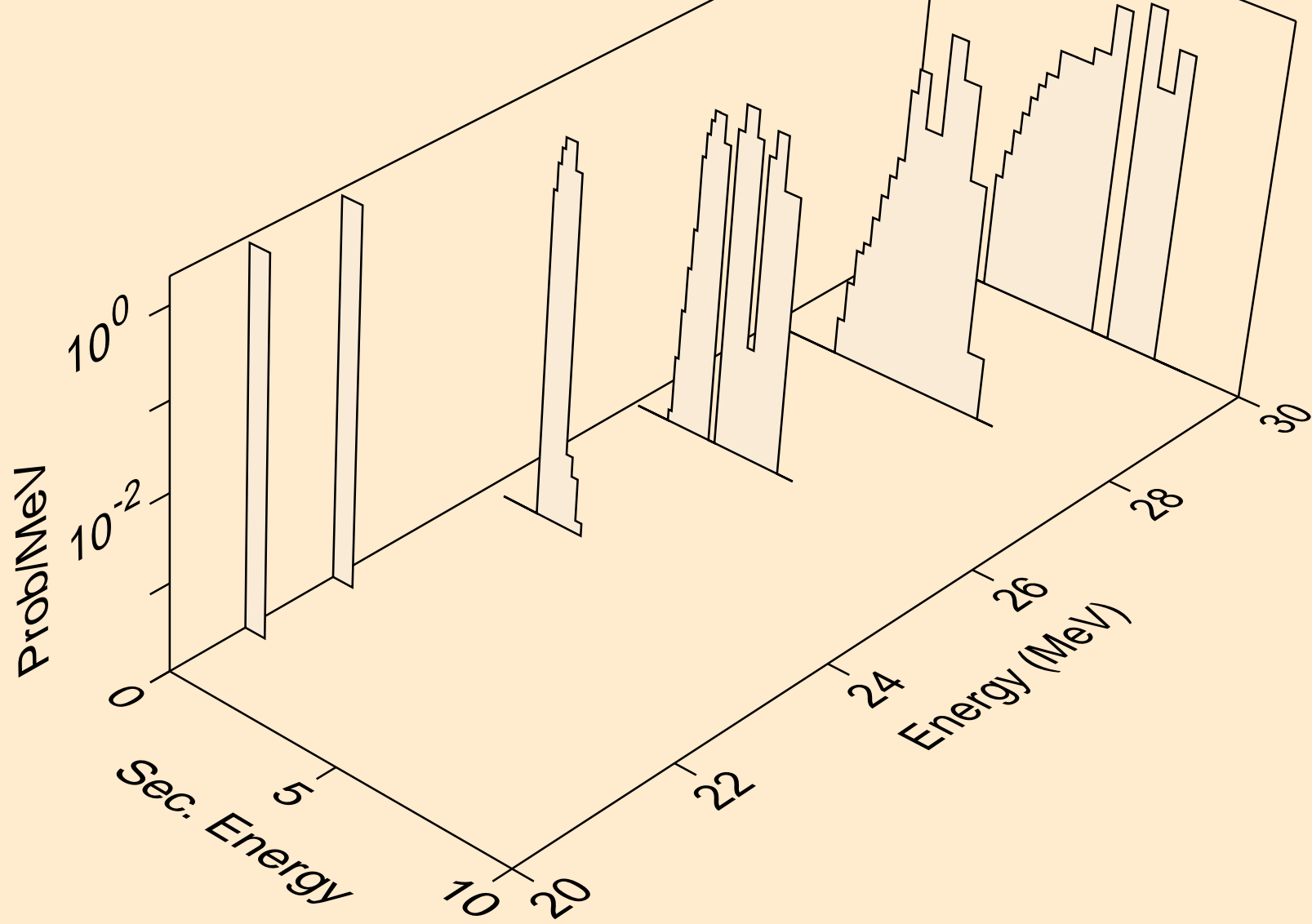
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he3s from (n,x)



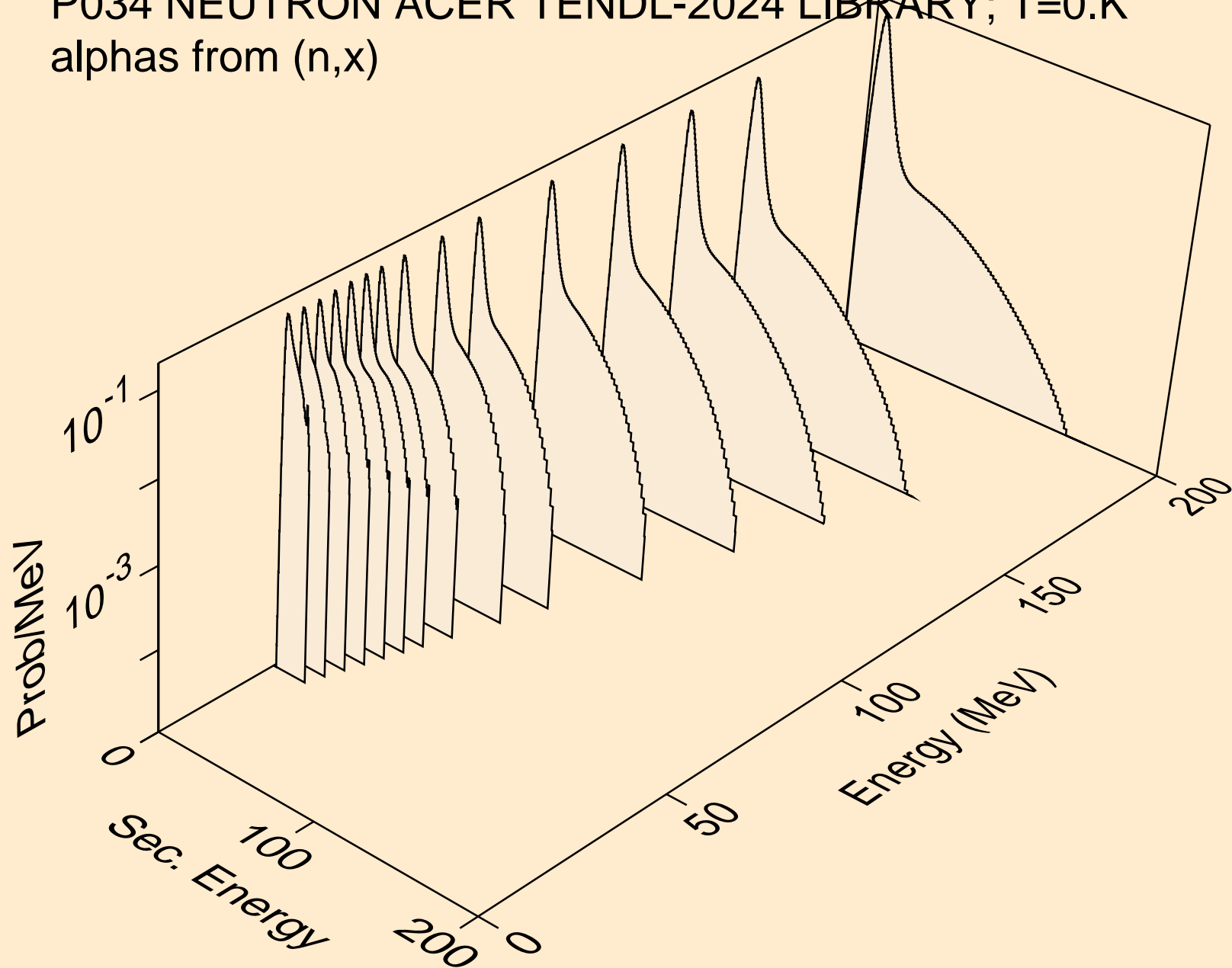
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he3s from (n,n\*)he3



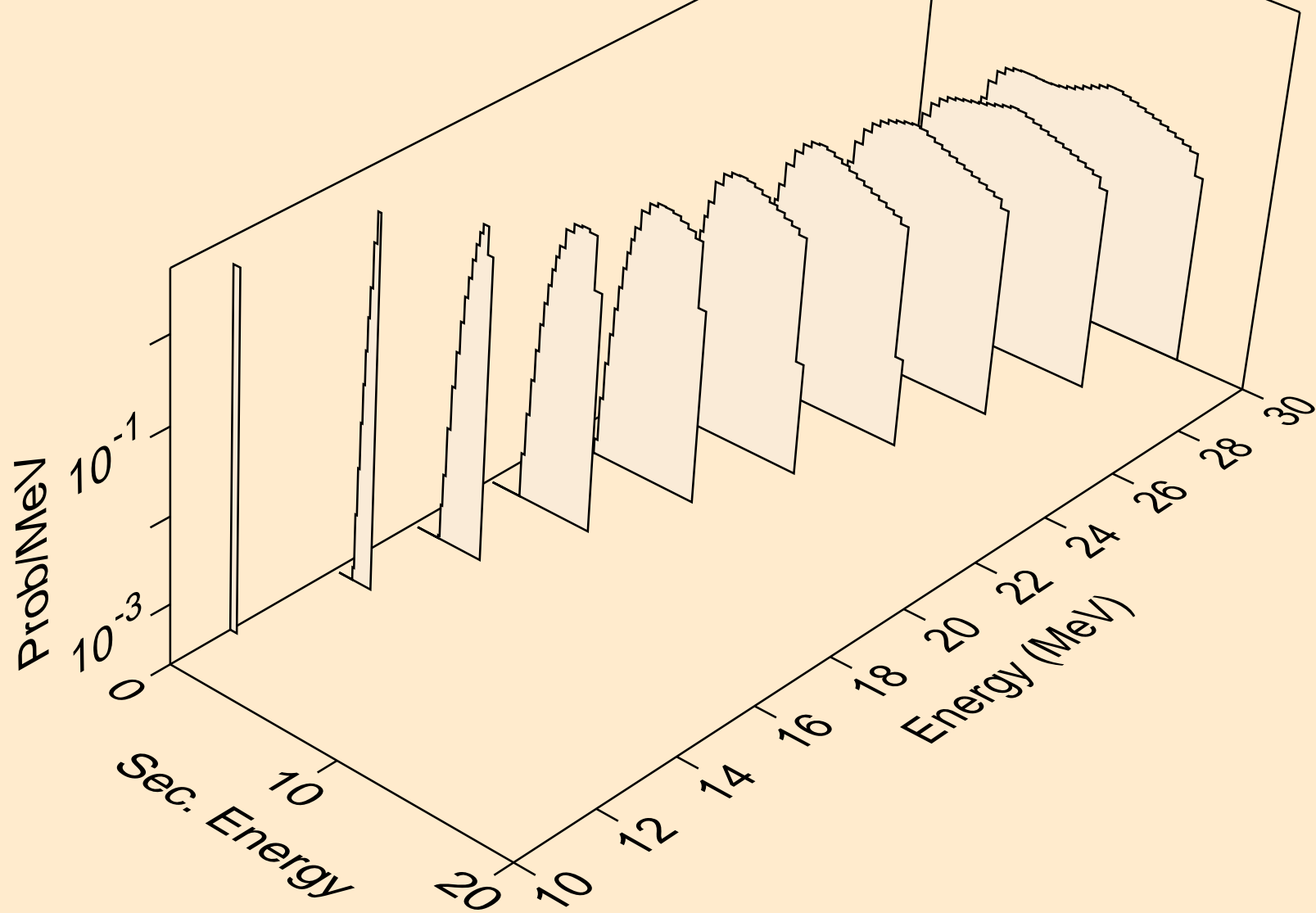
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he3s from (n,he3)



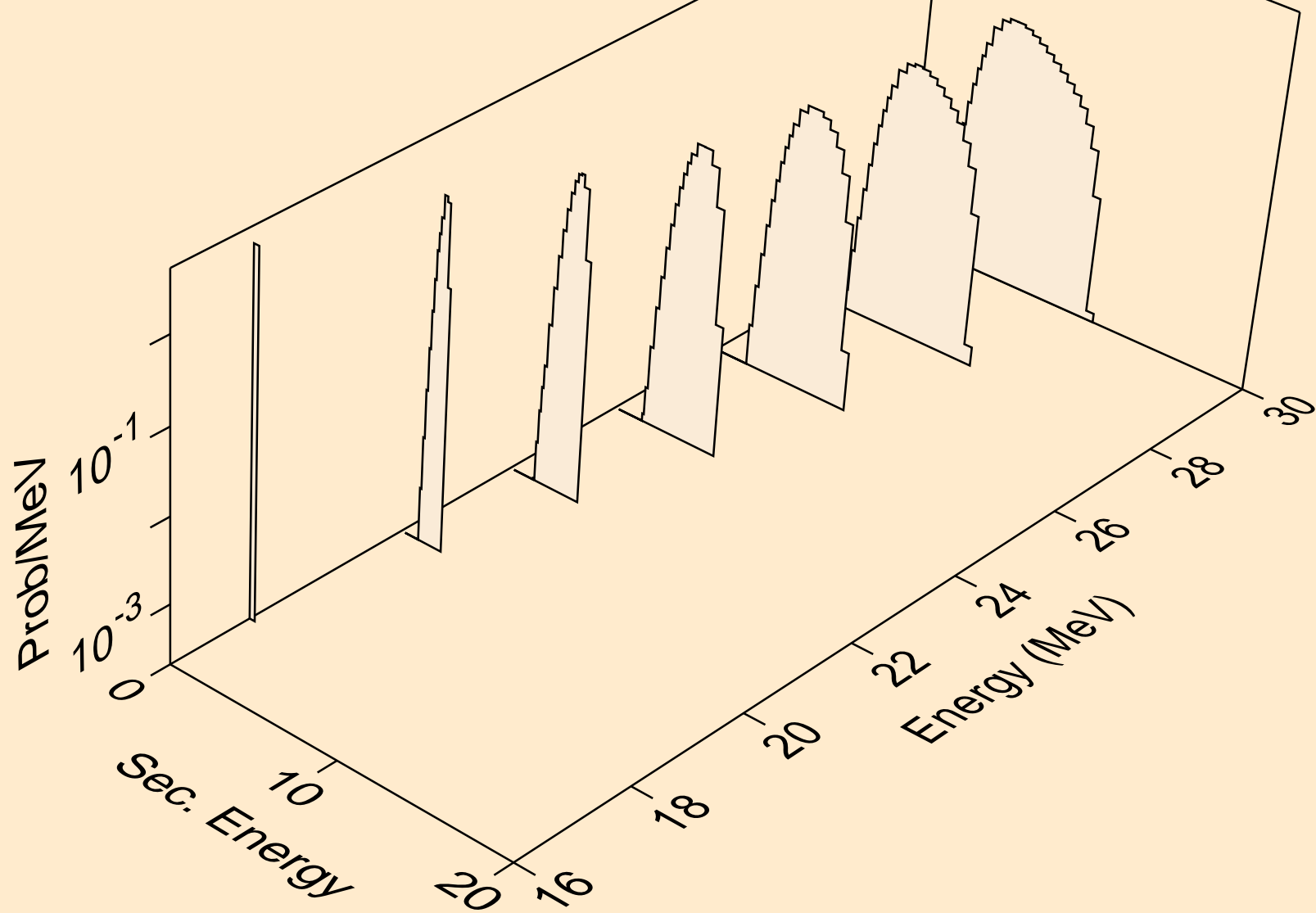
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

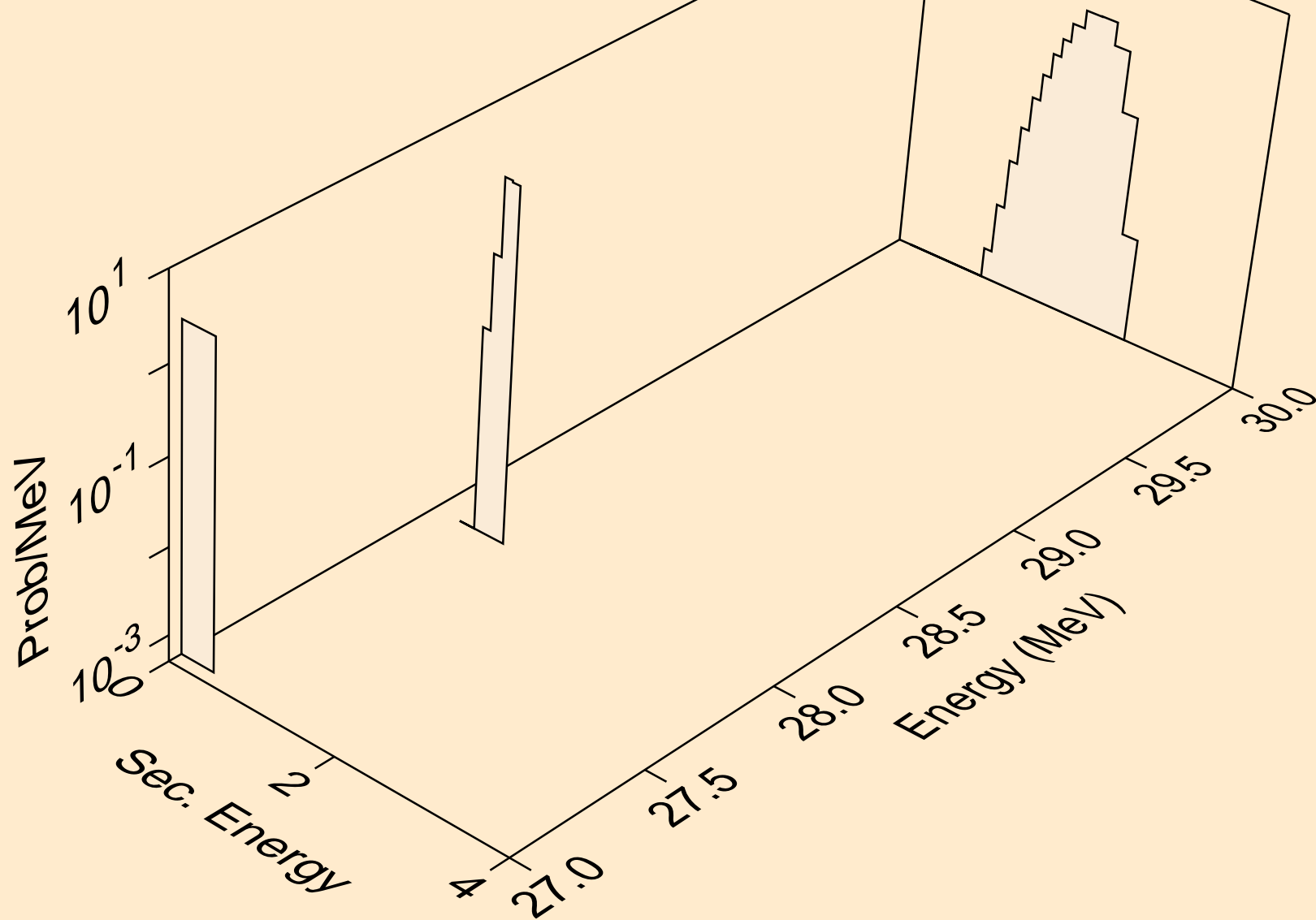


P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

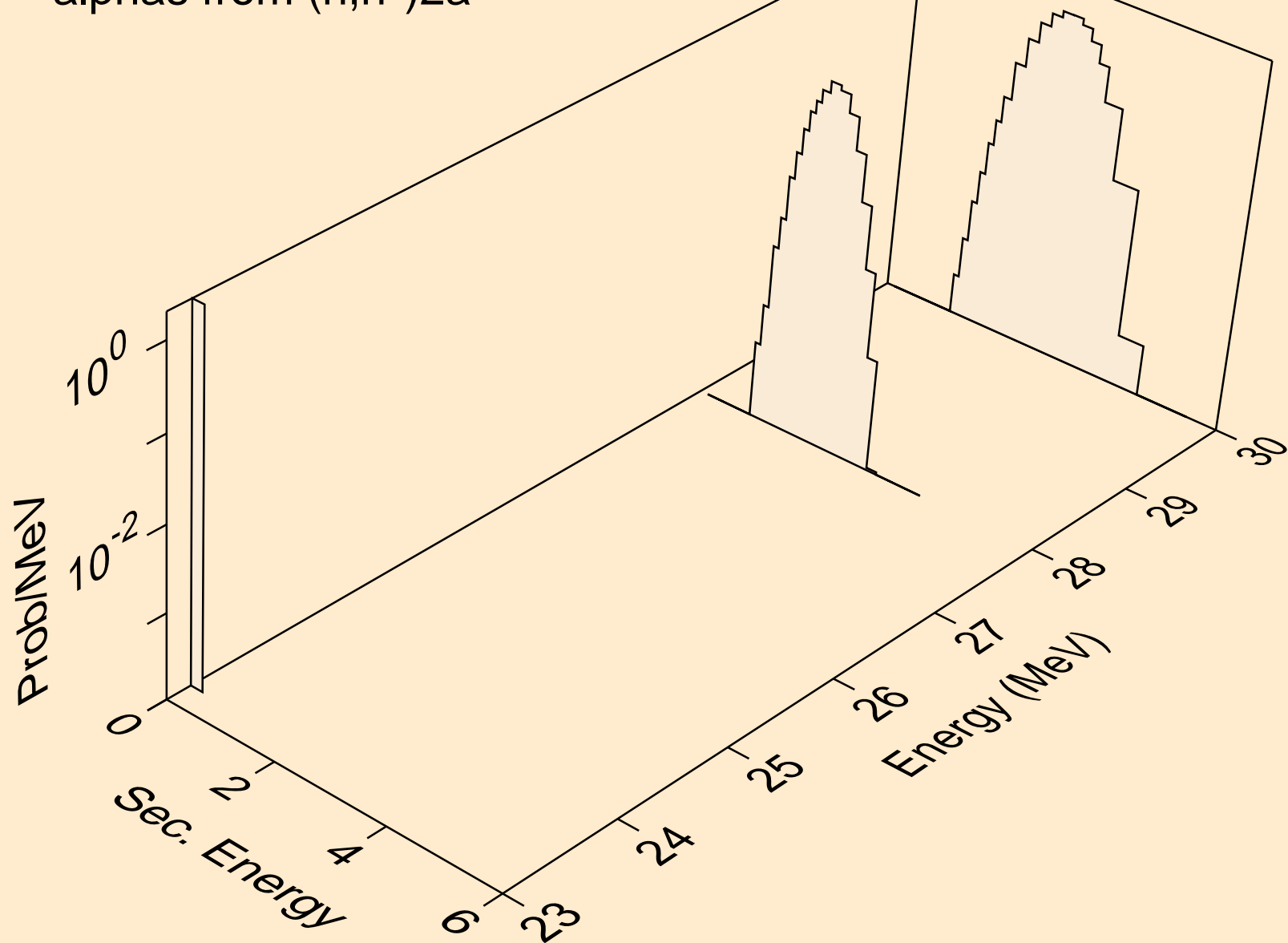




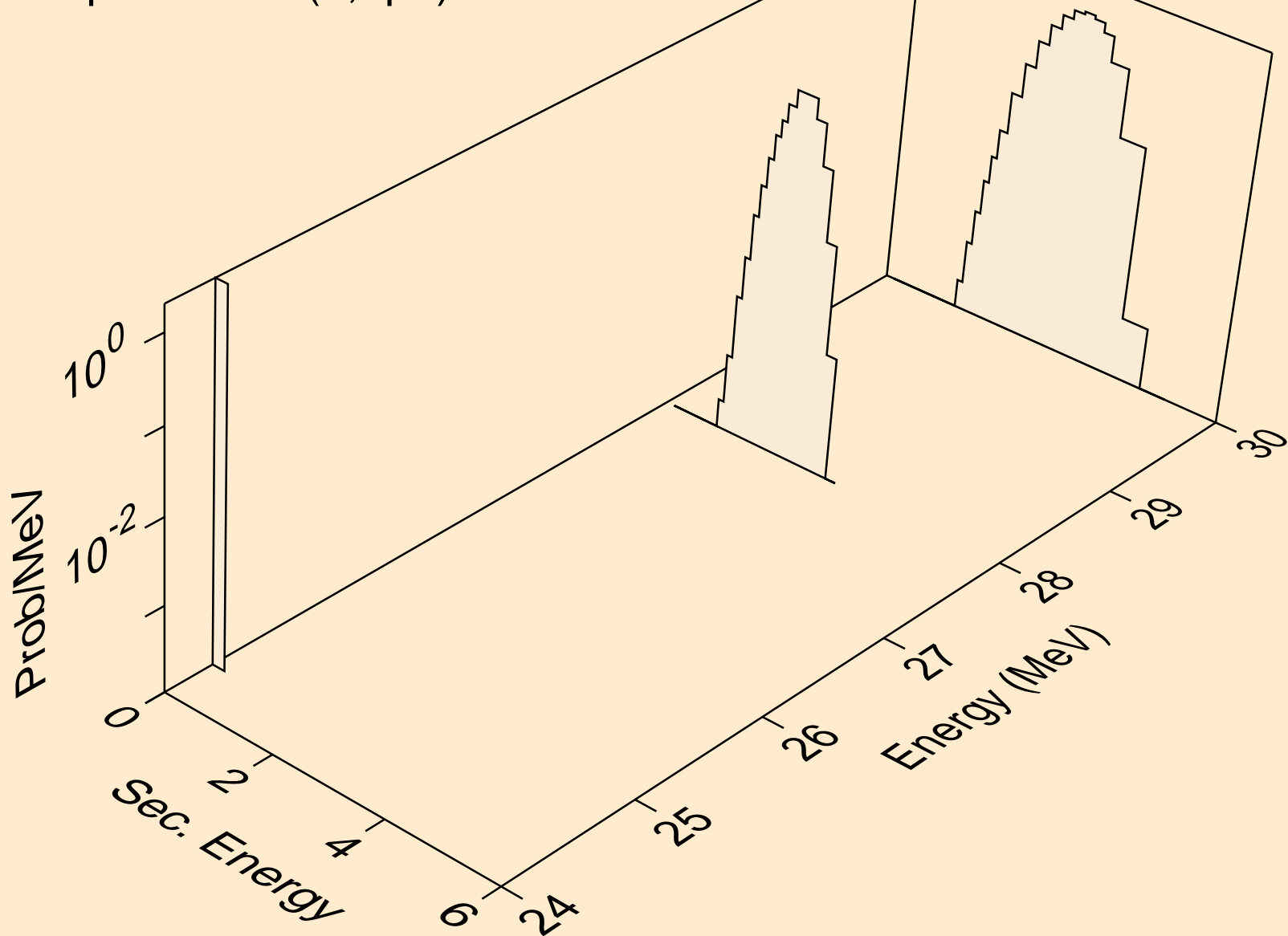
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alphas from (n,3n)a



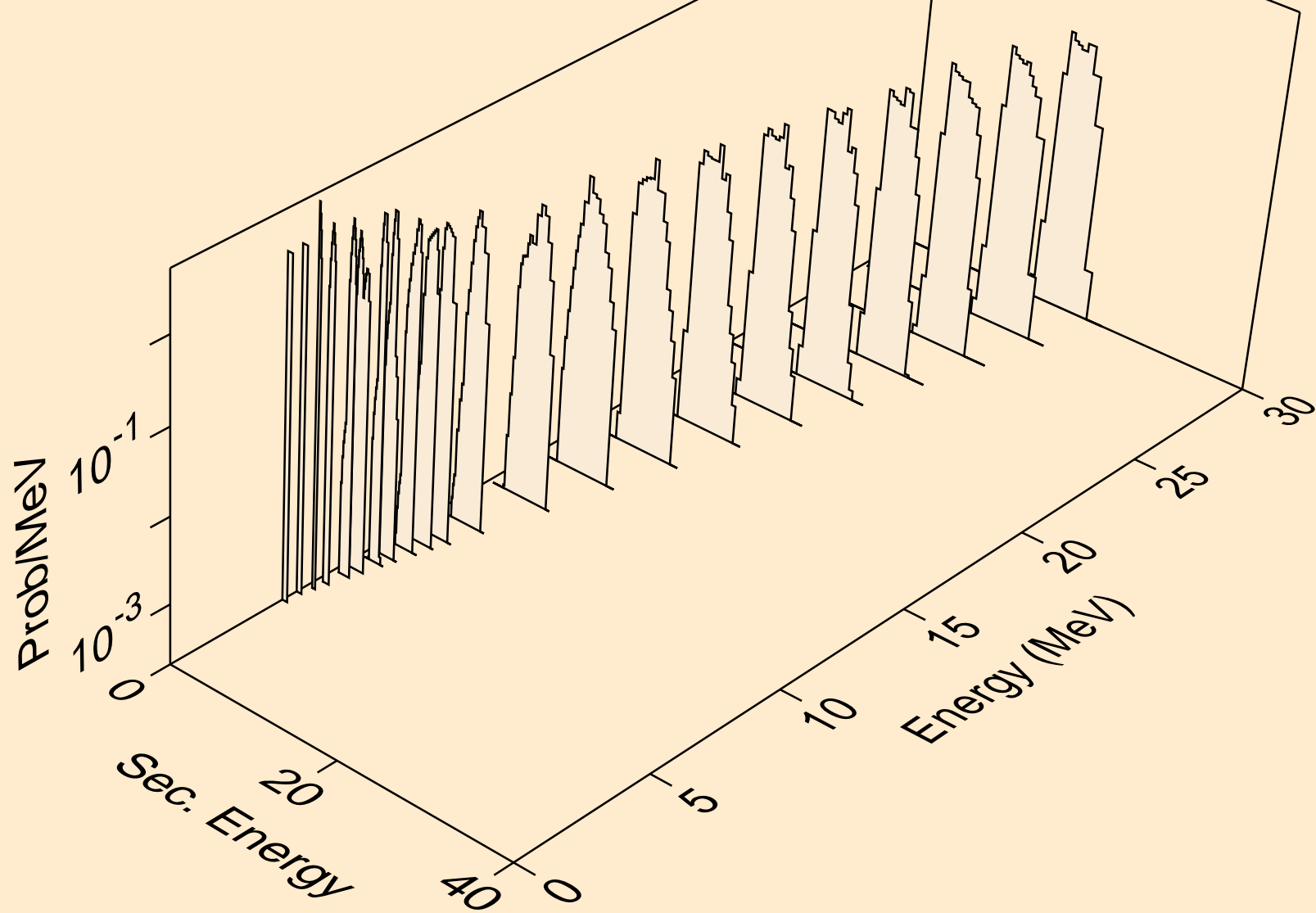
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alphas from (n,n\*)2a



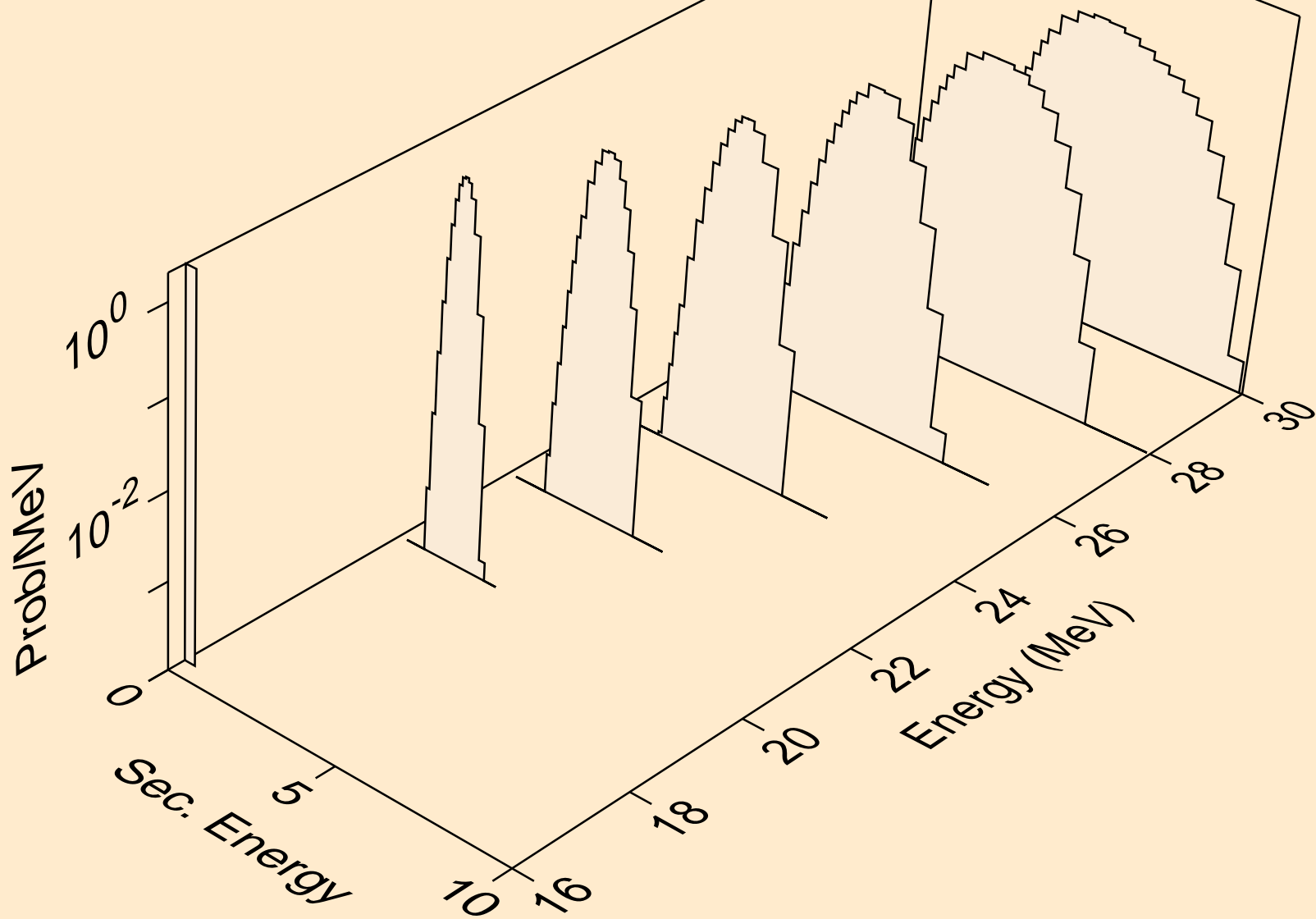
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alphas from (n,npa)



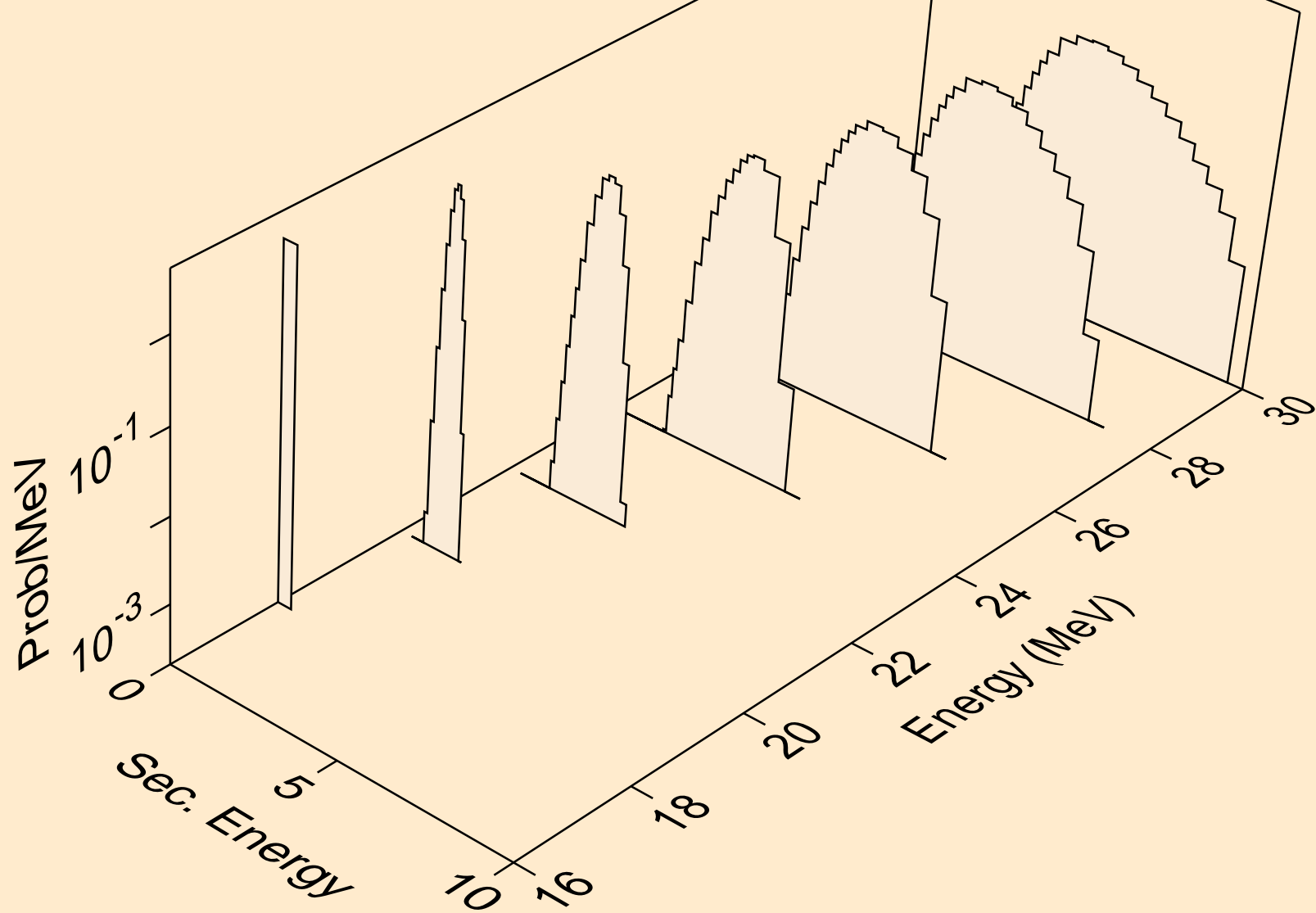
P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



P034 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

