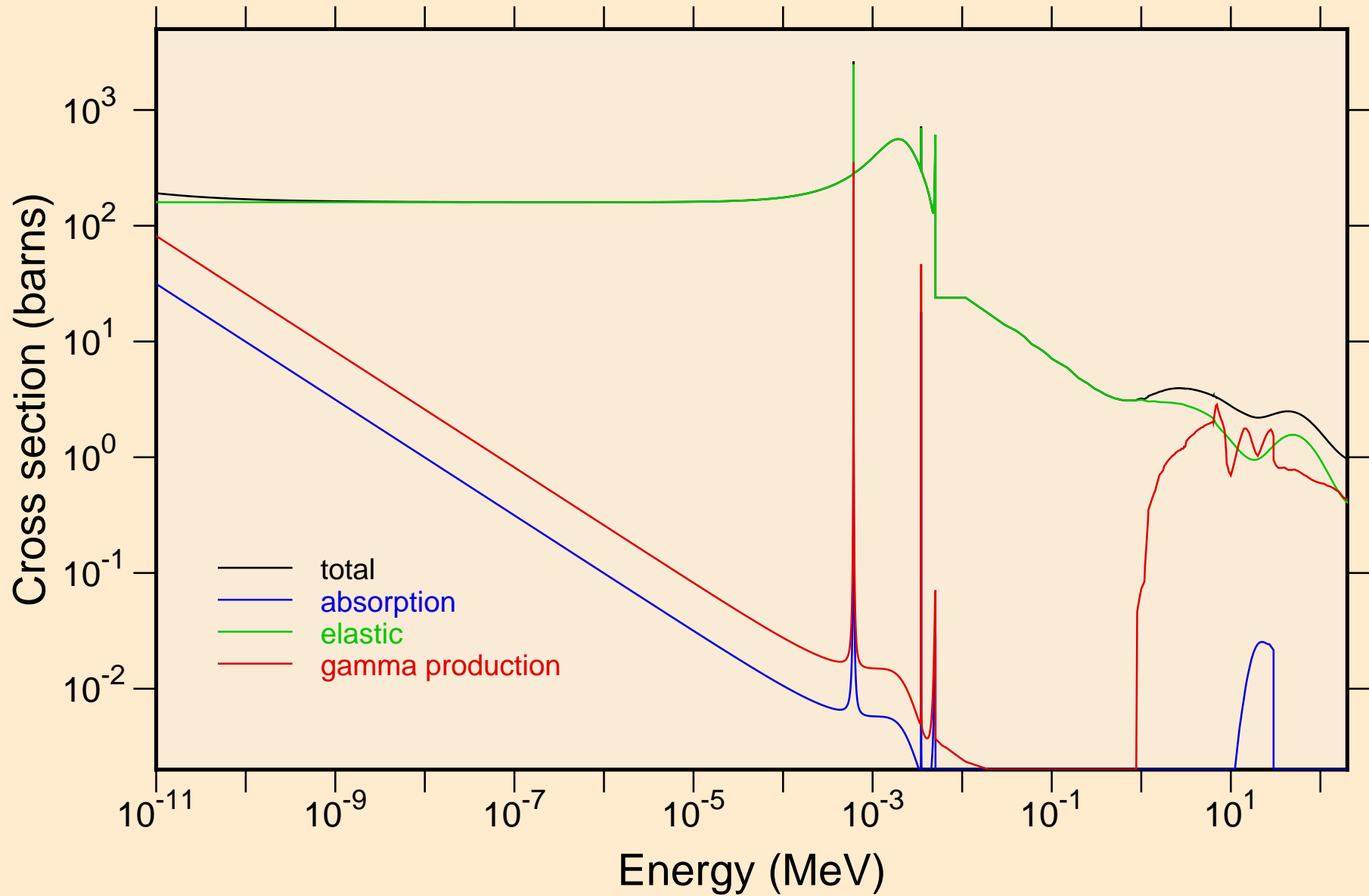


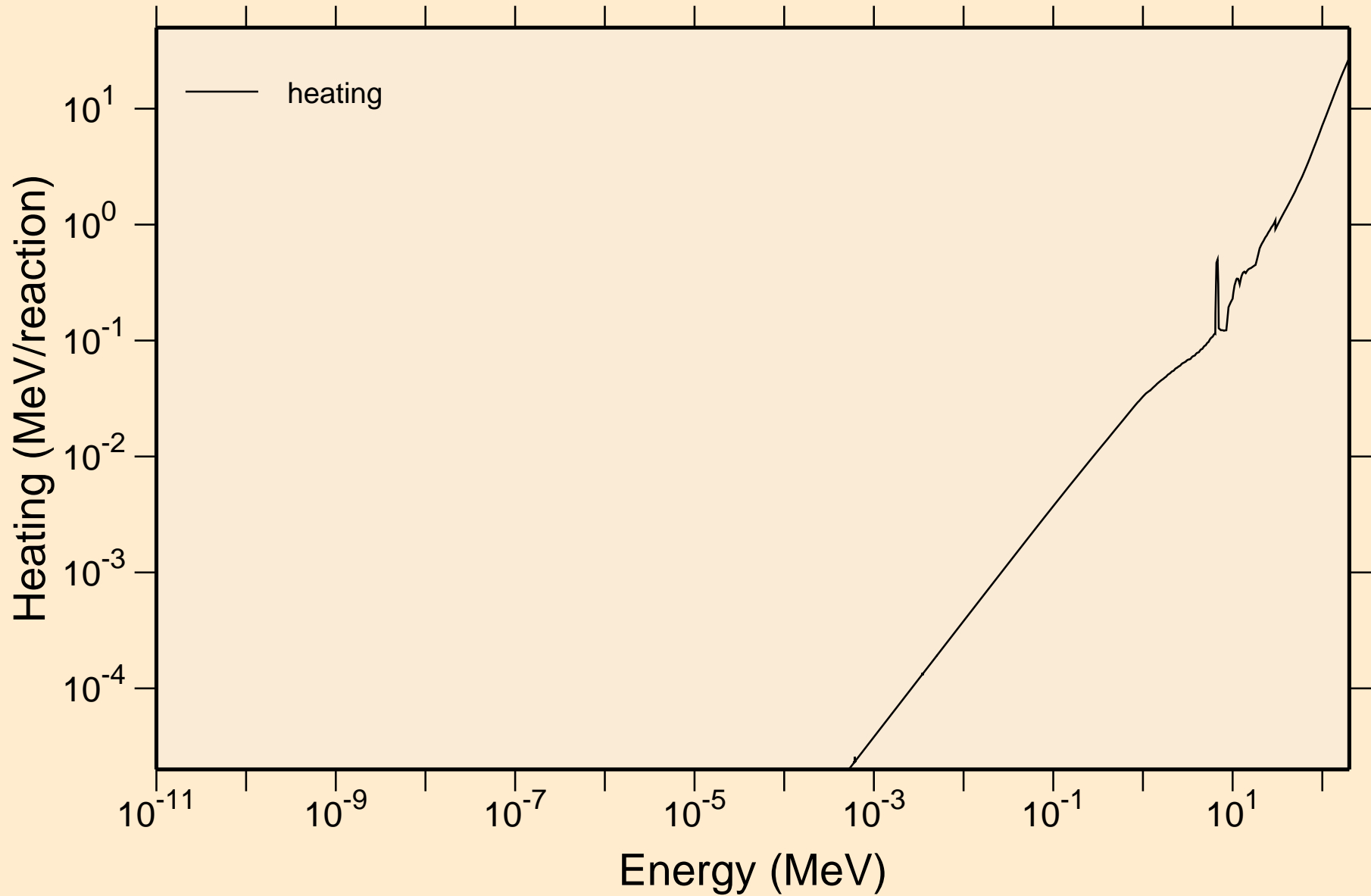
# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

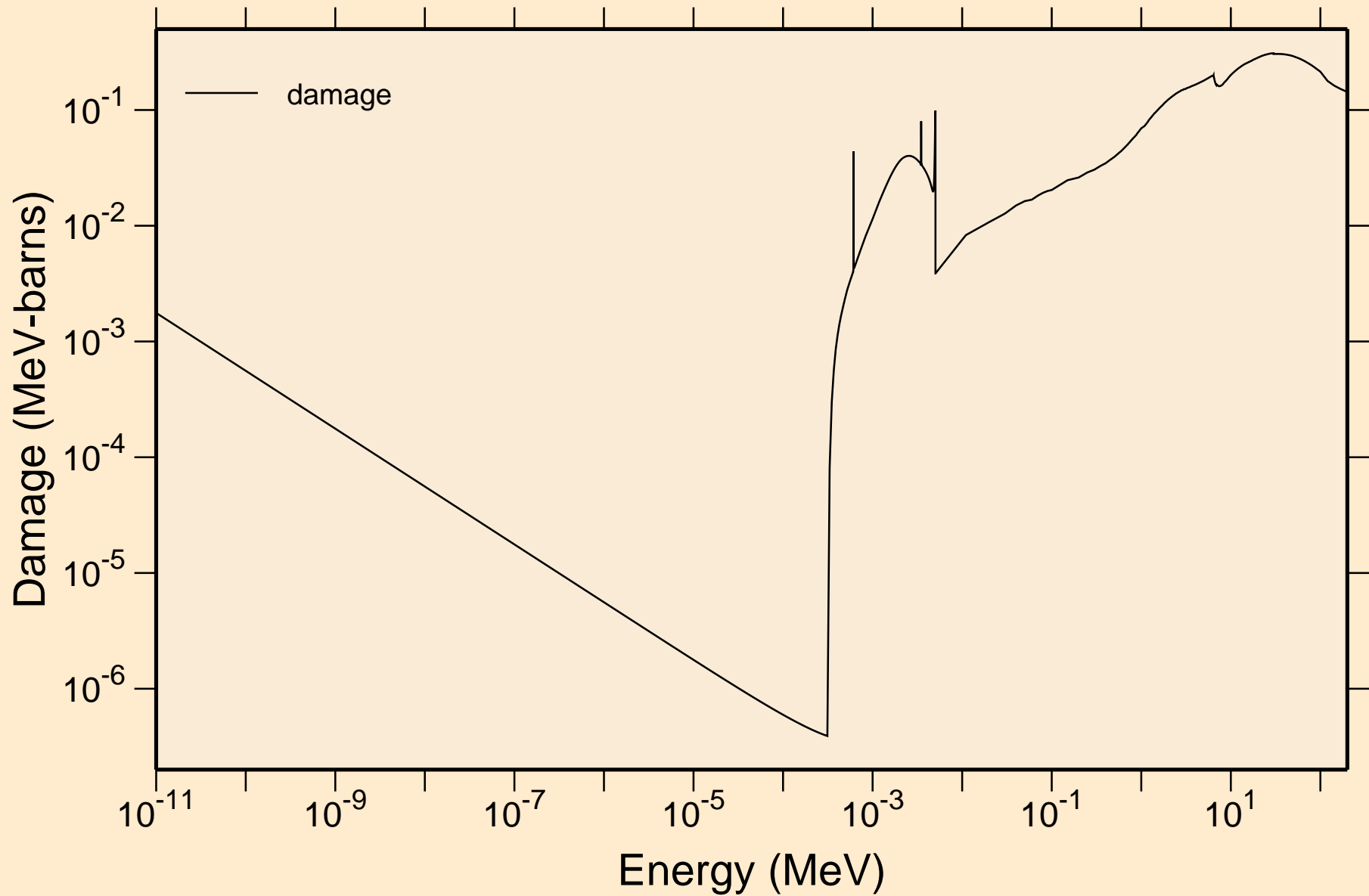


# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

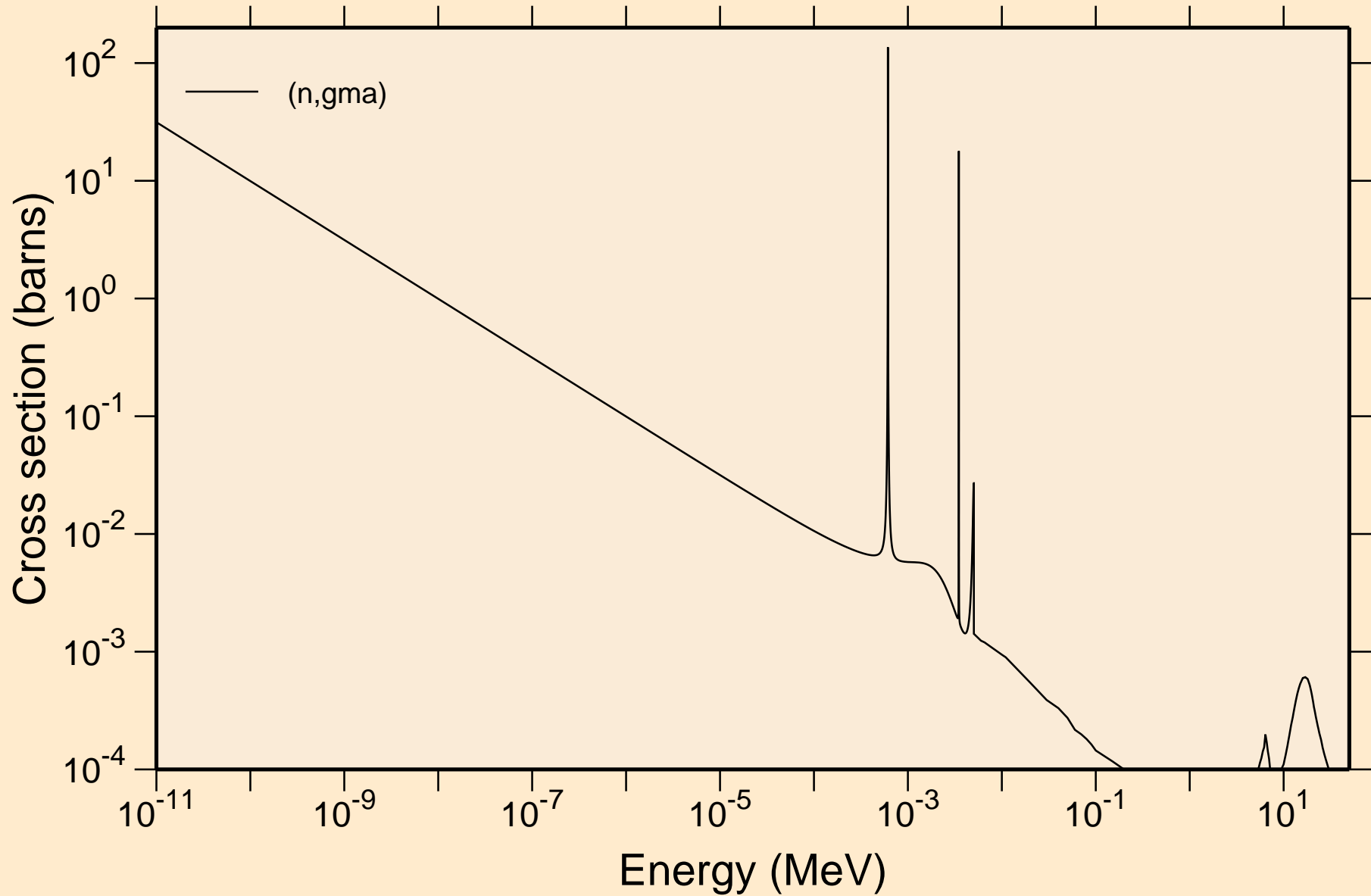
## Heating



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

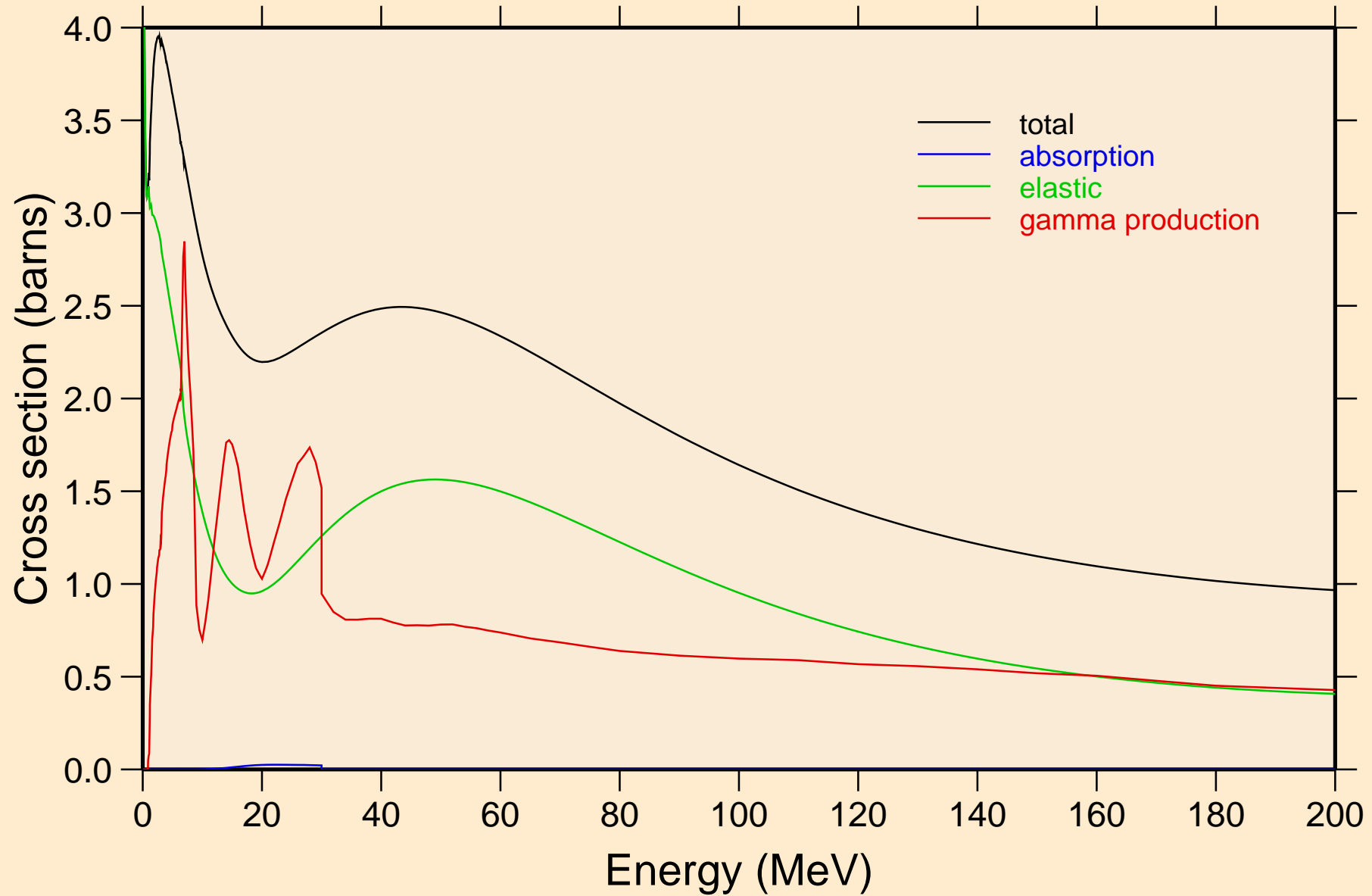


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



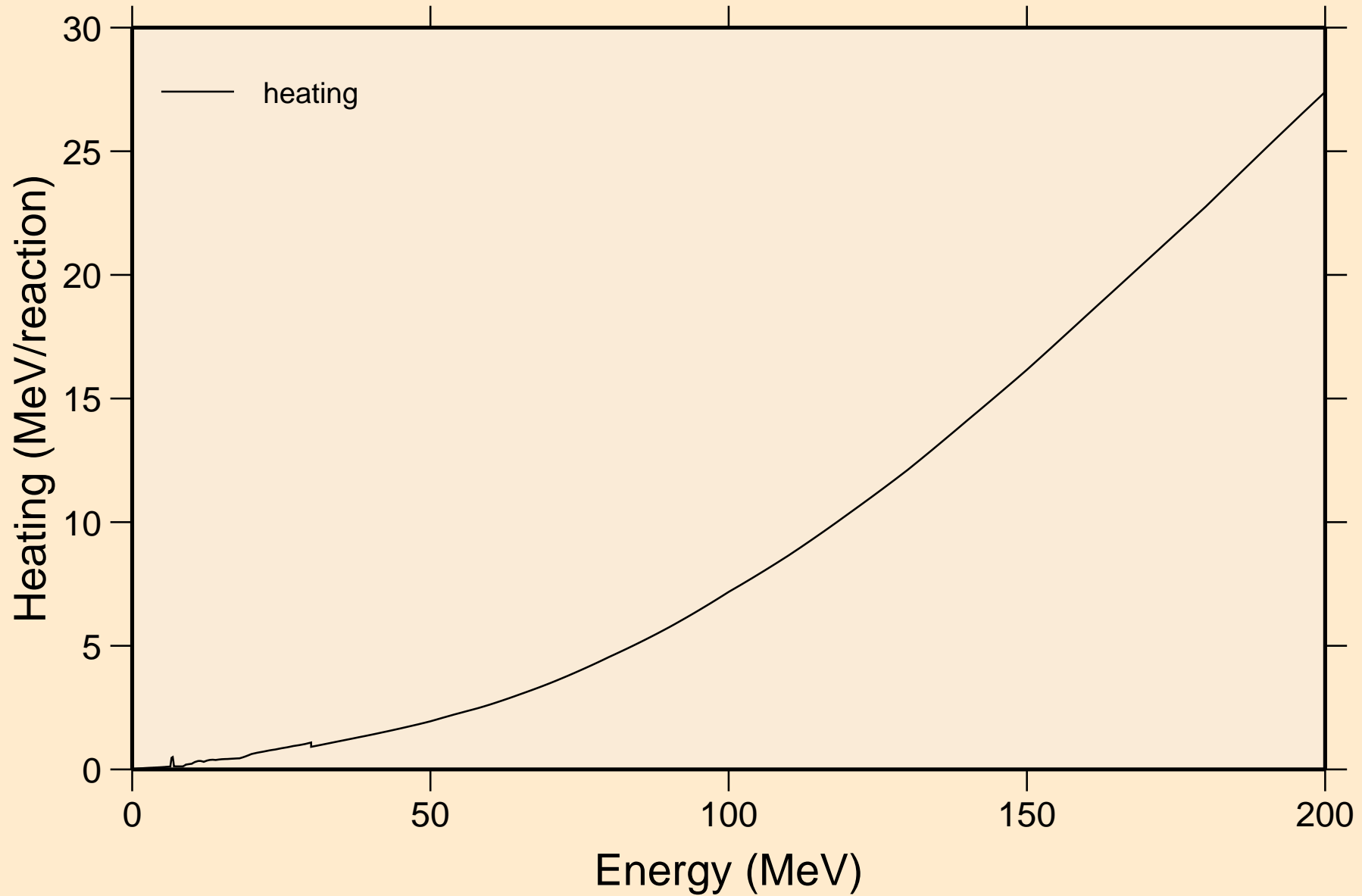
# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



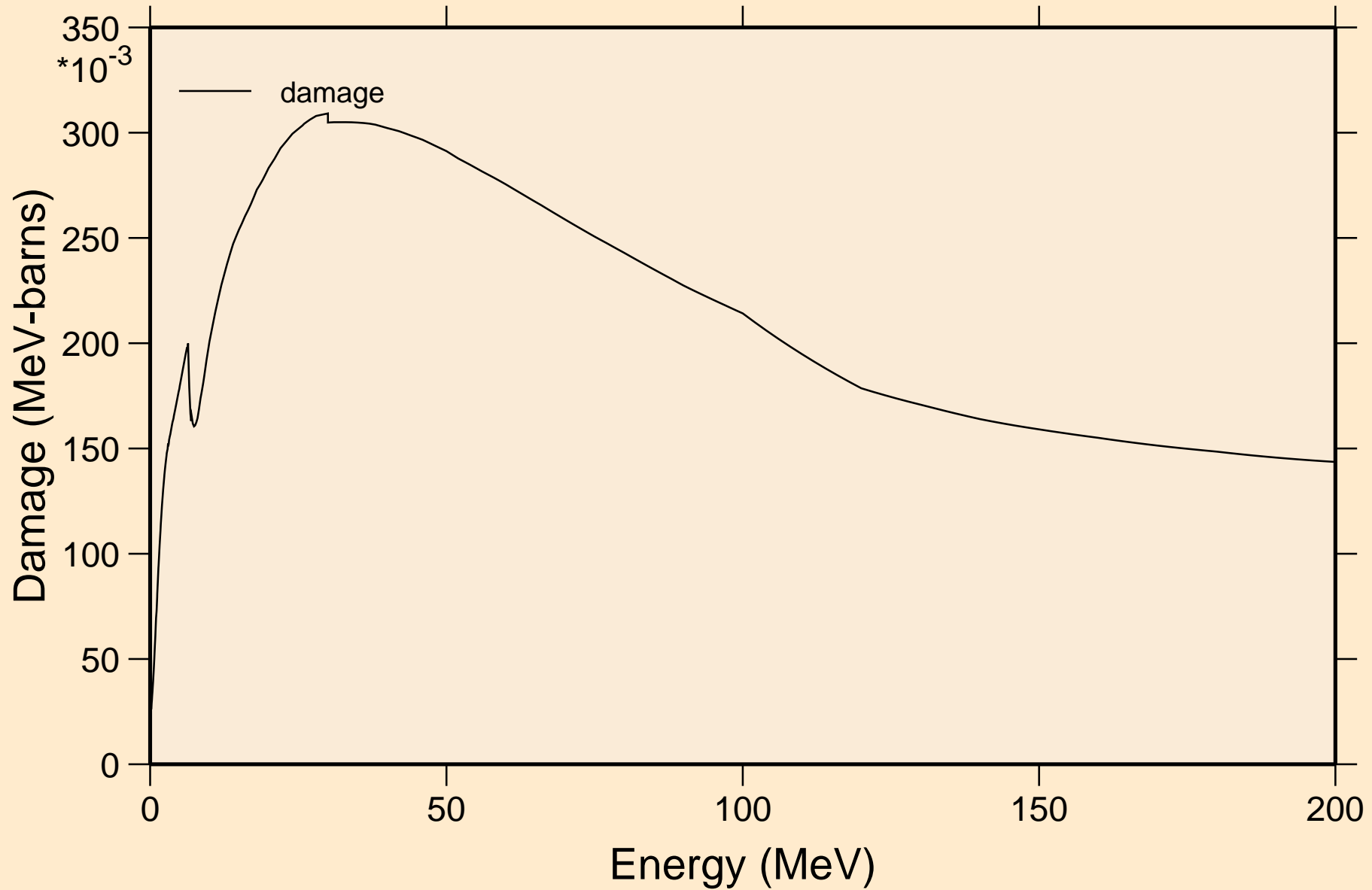
# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

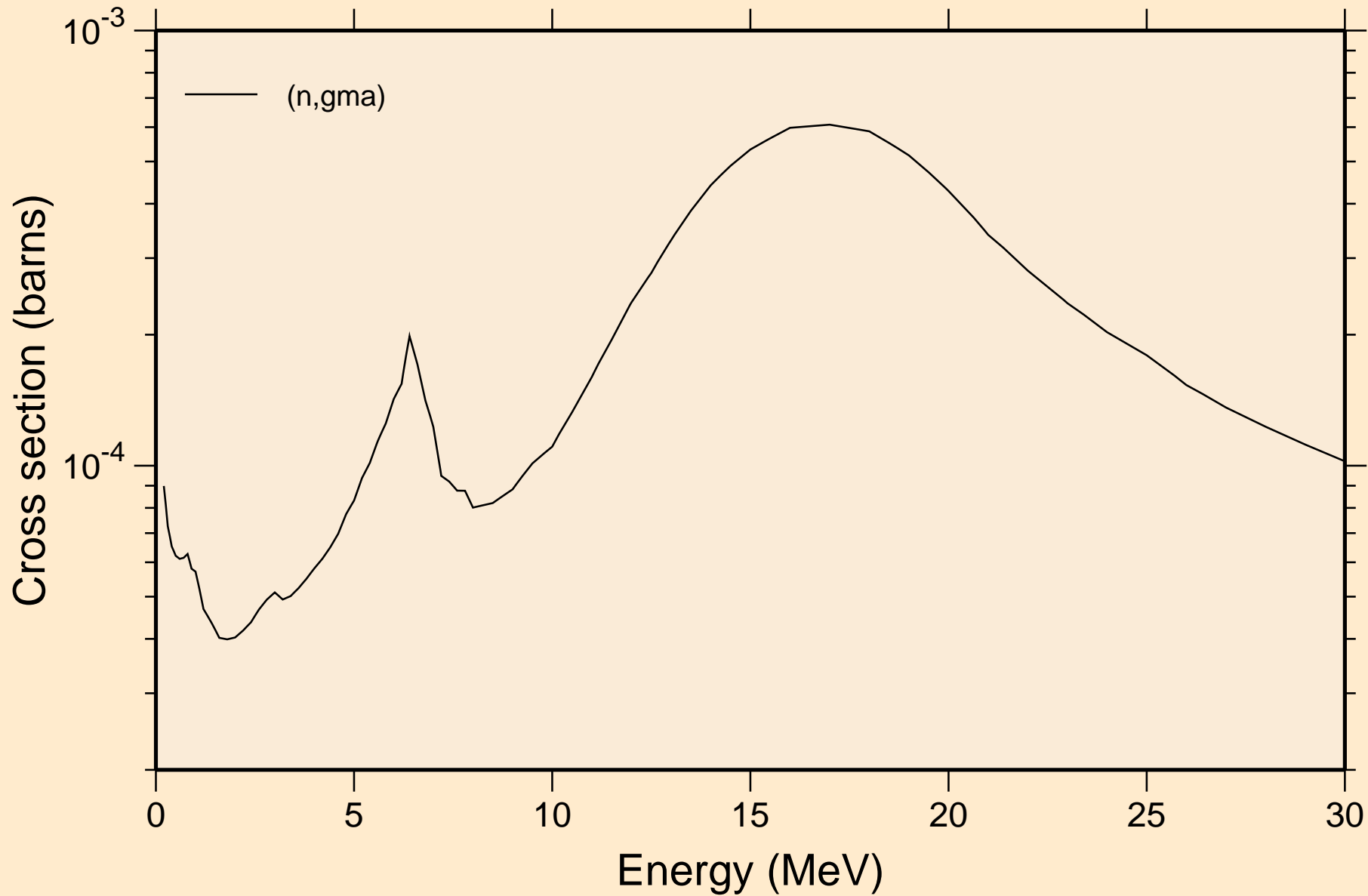


# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

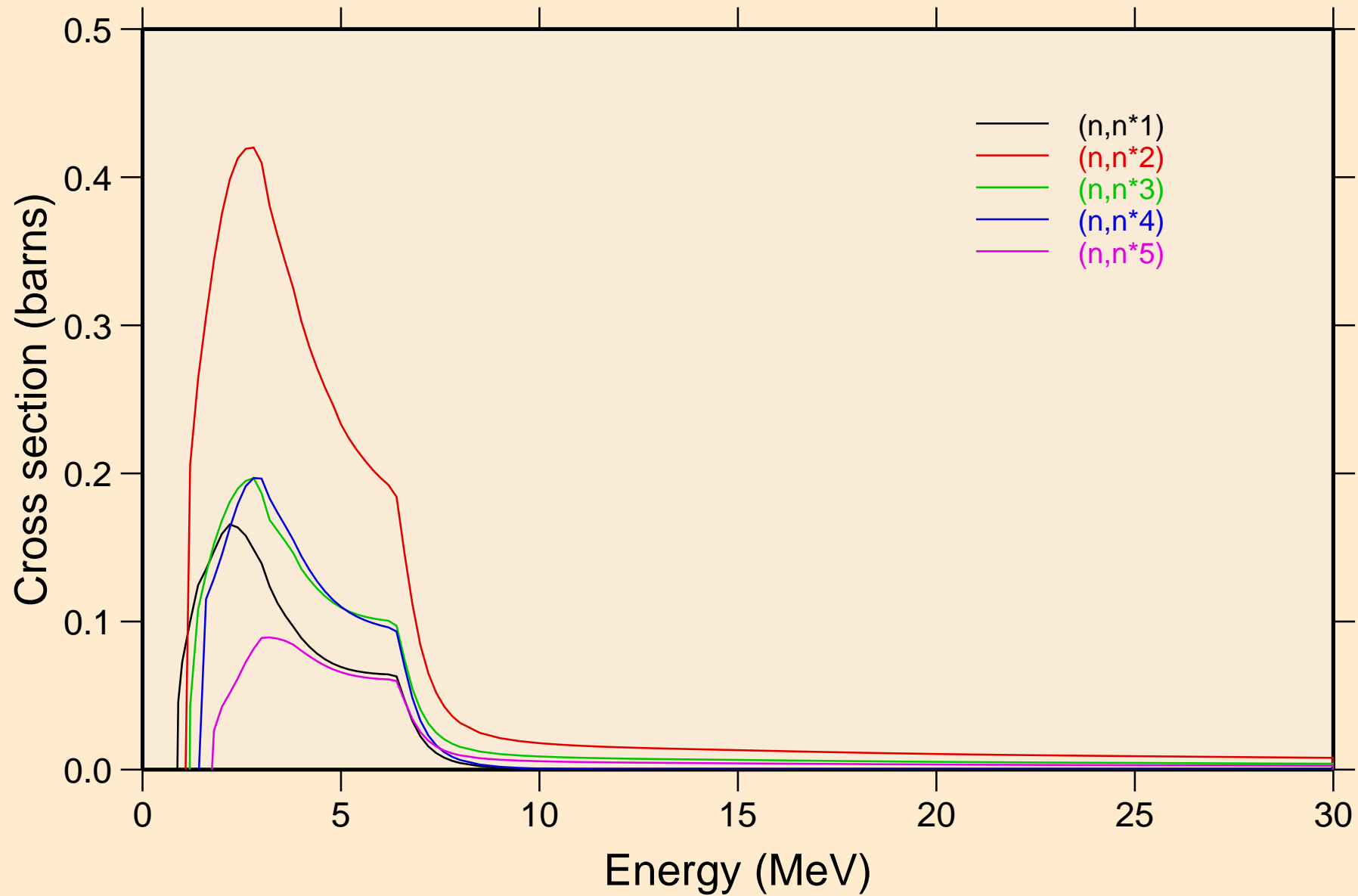


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

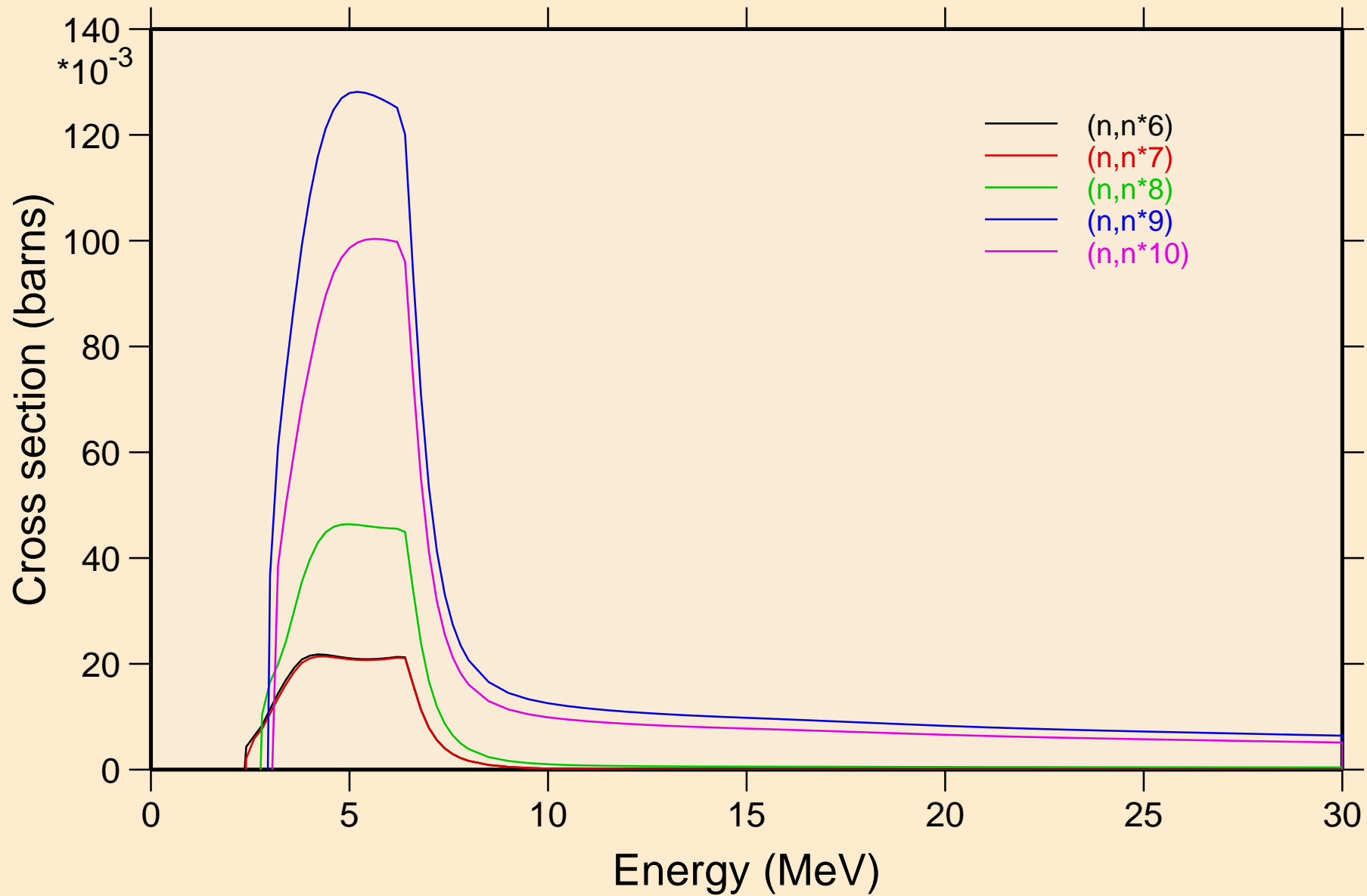




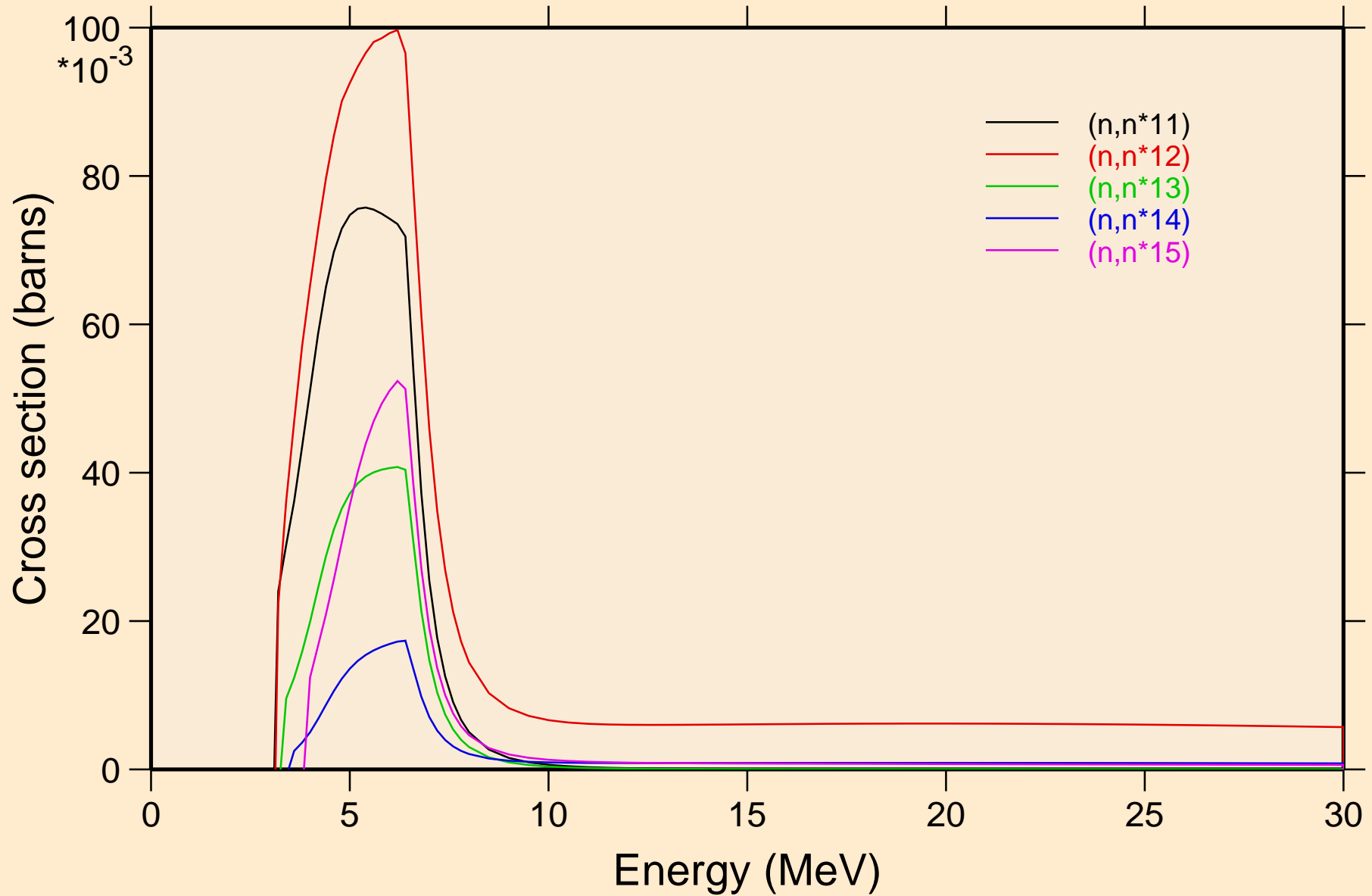
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

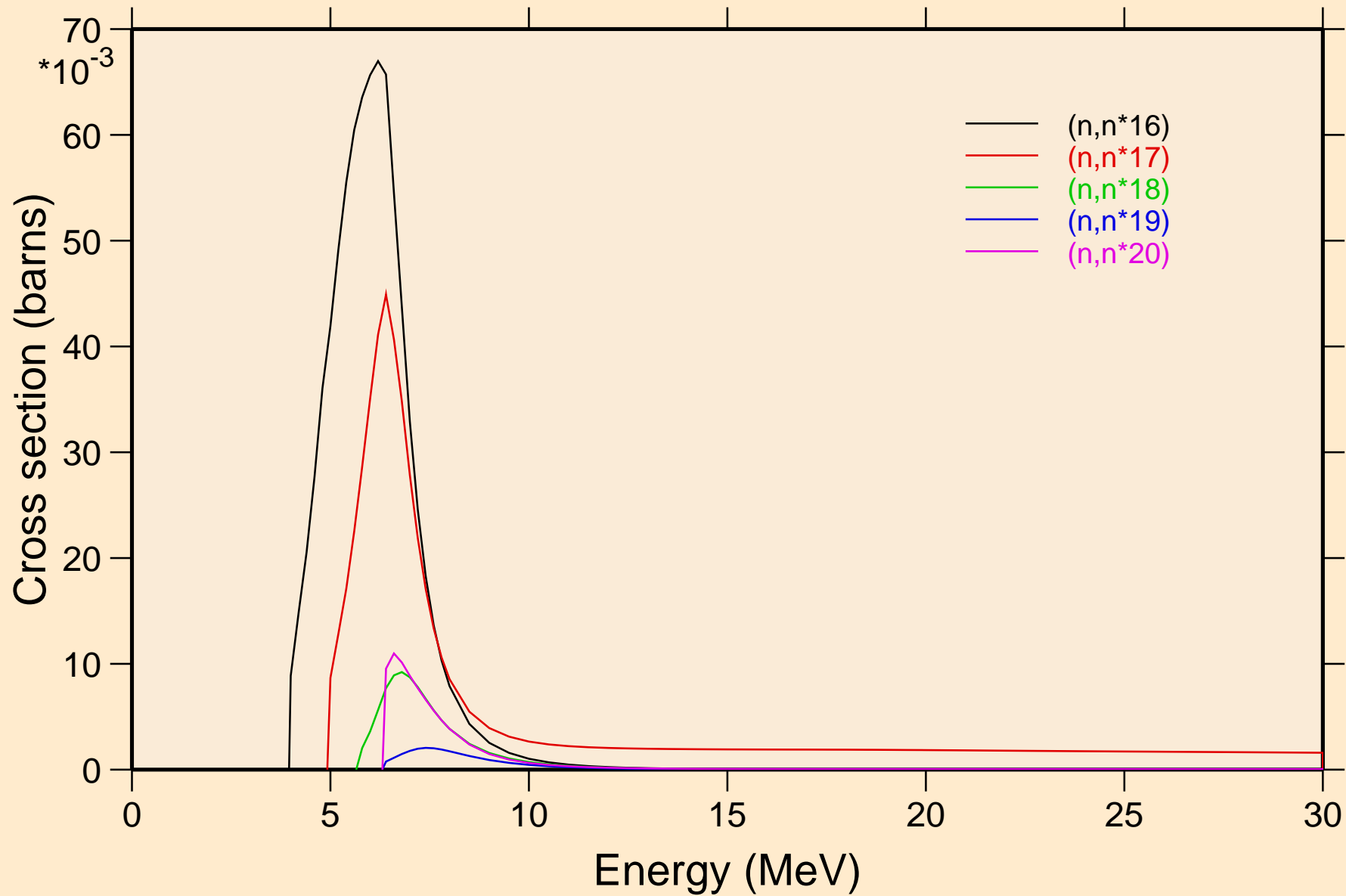


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

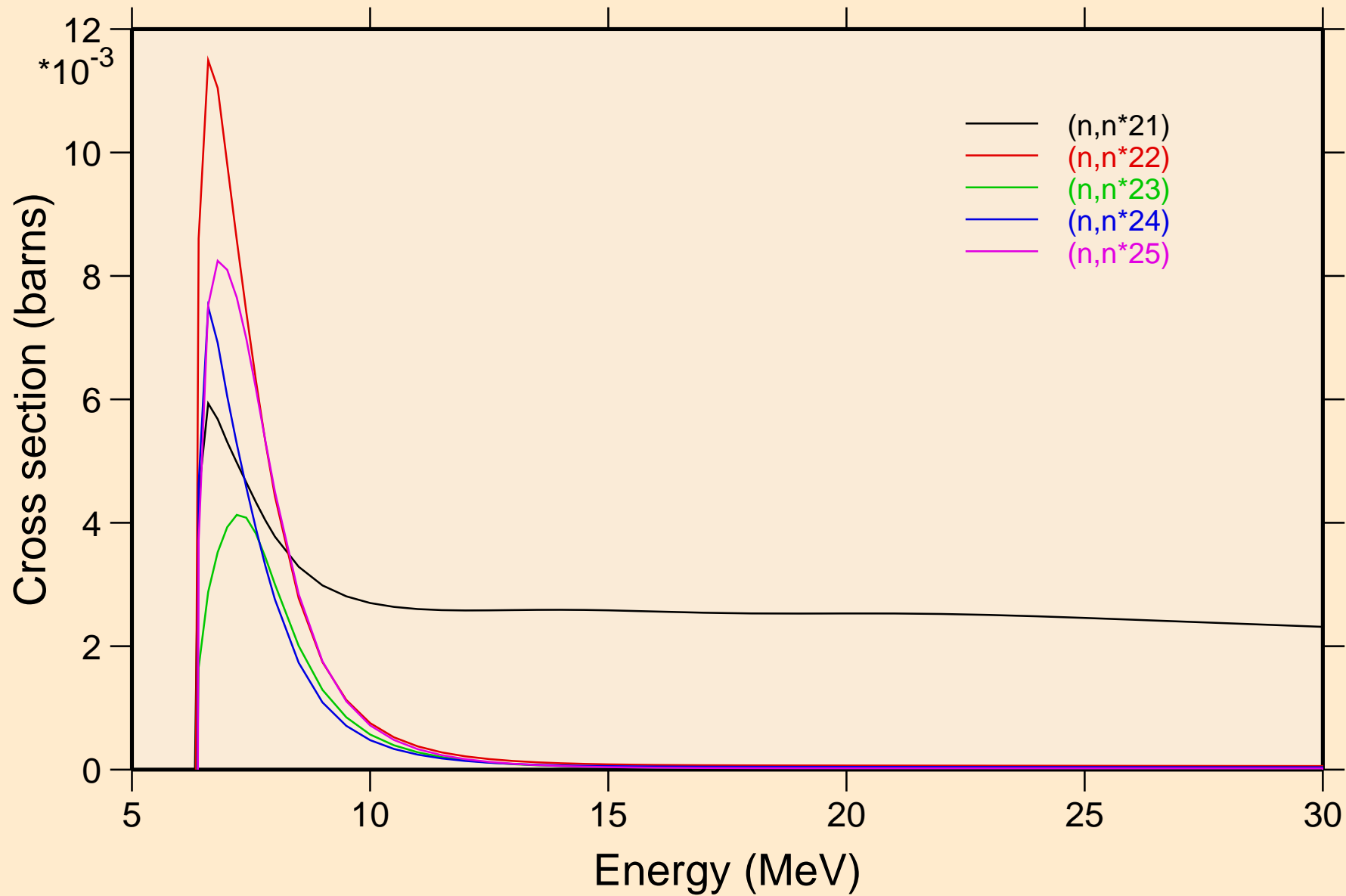


# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

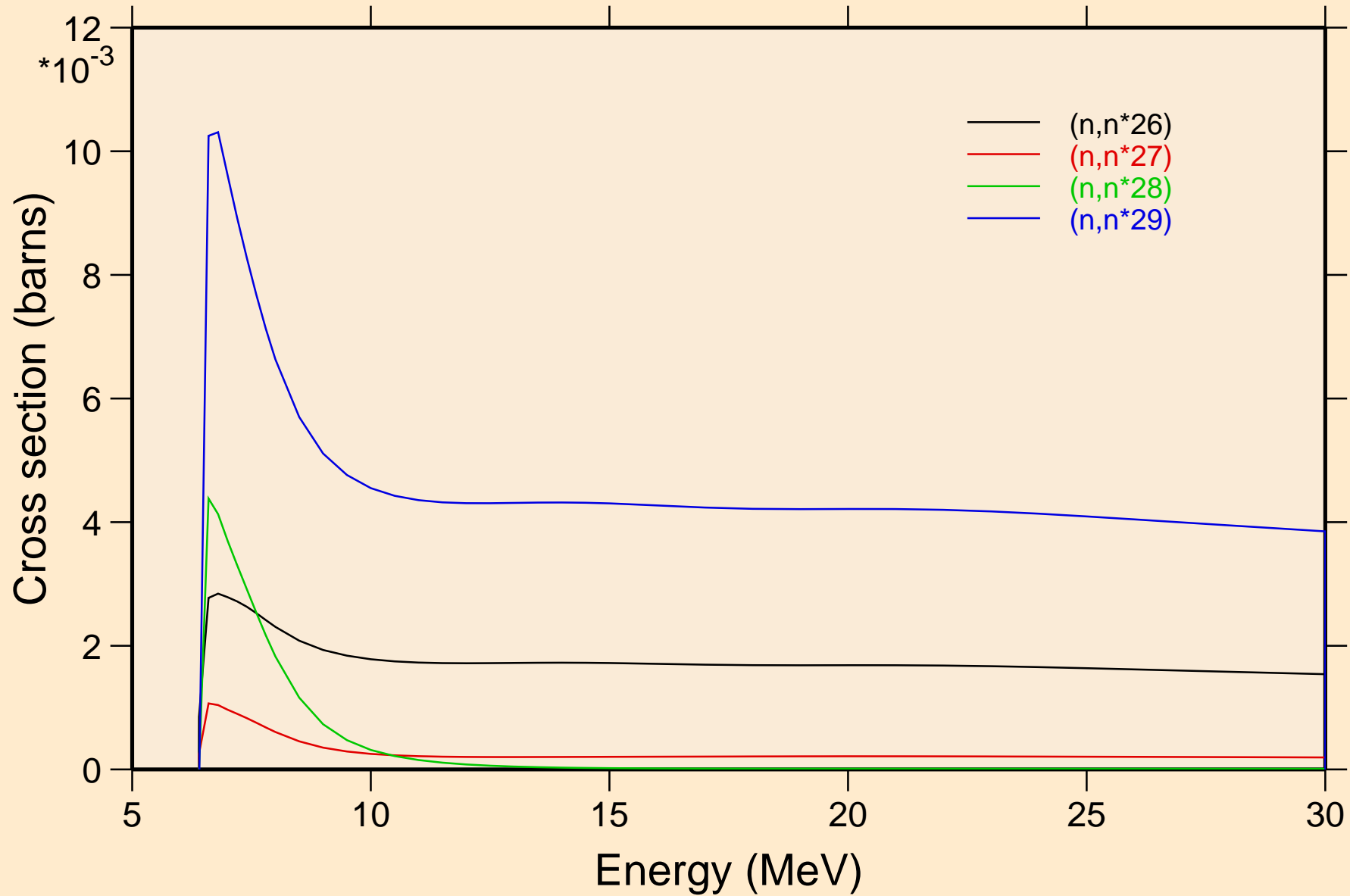
## Inelastic levels



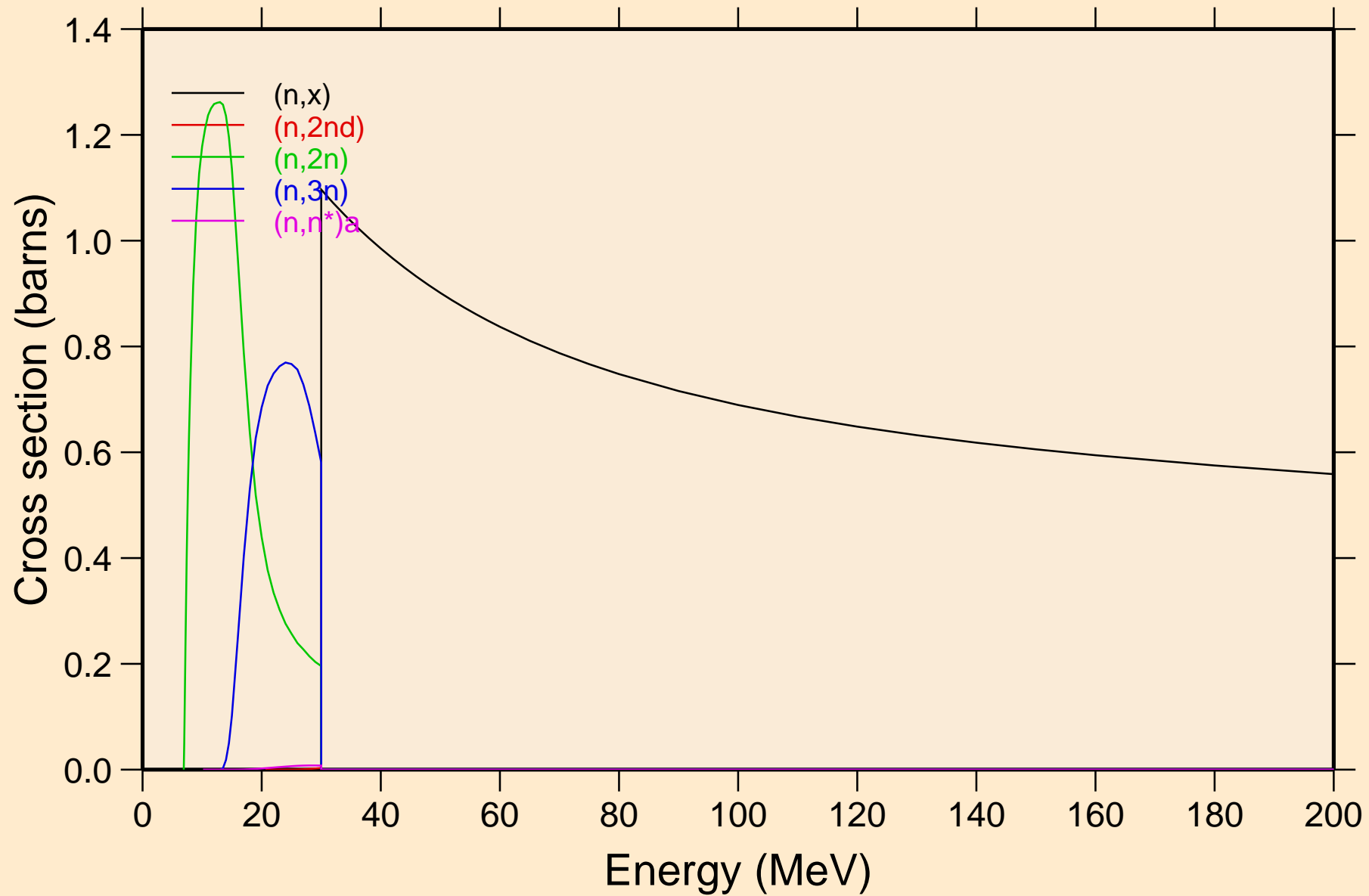
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



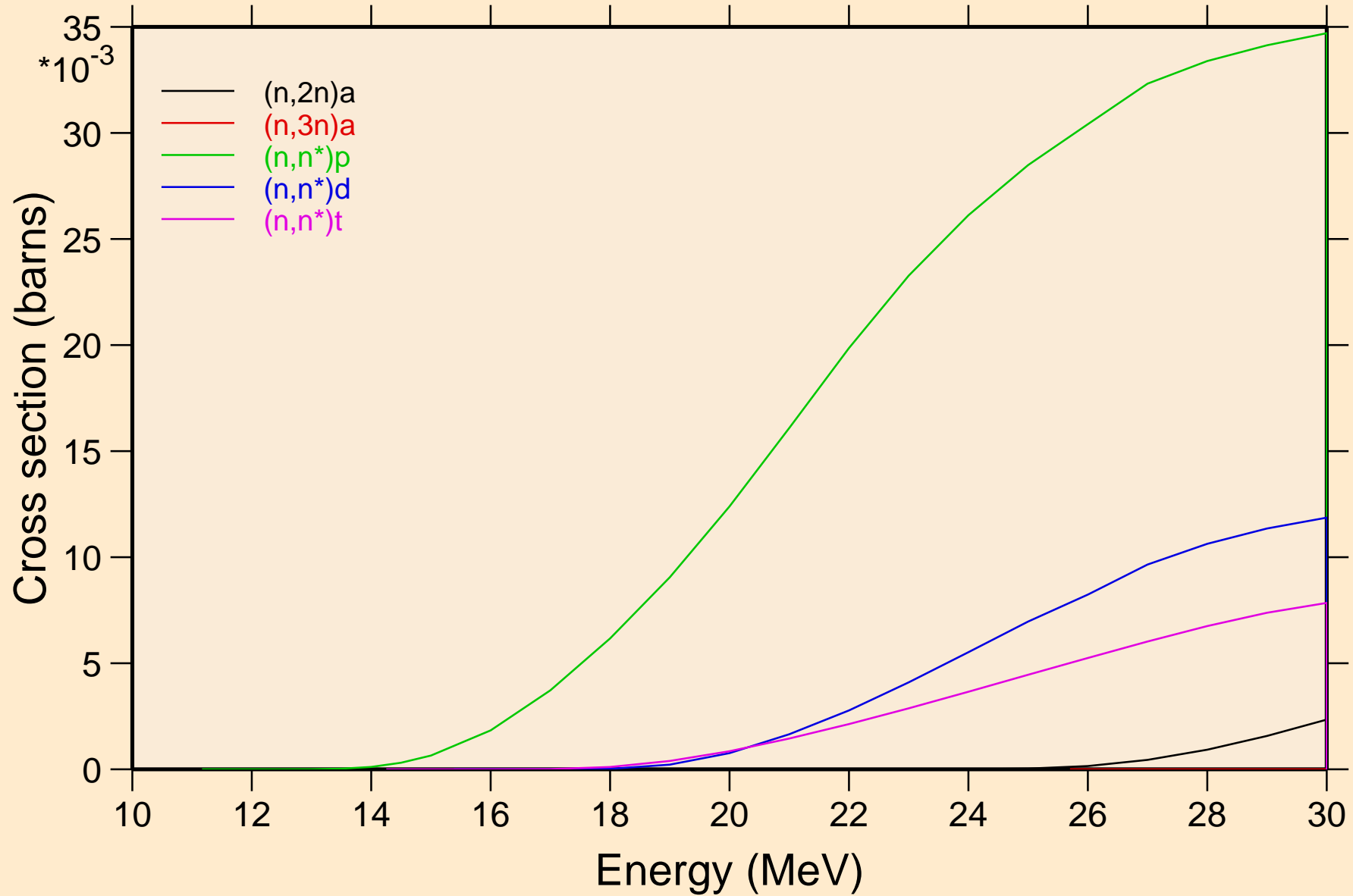
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



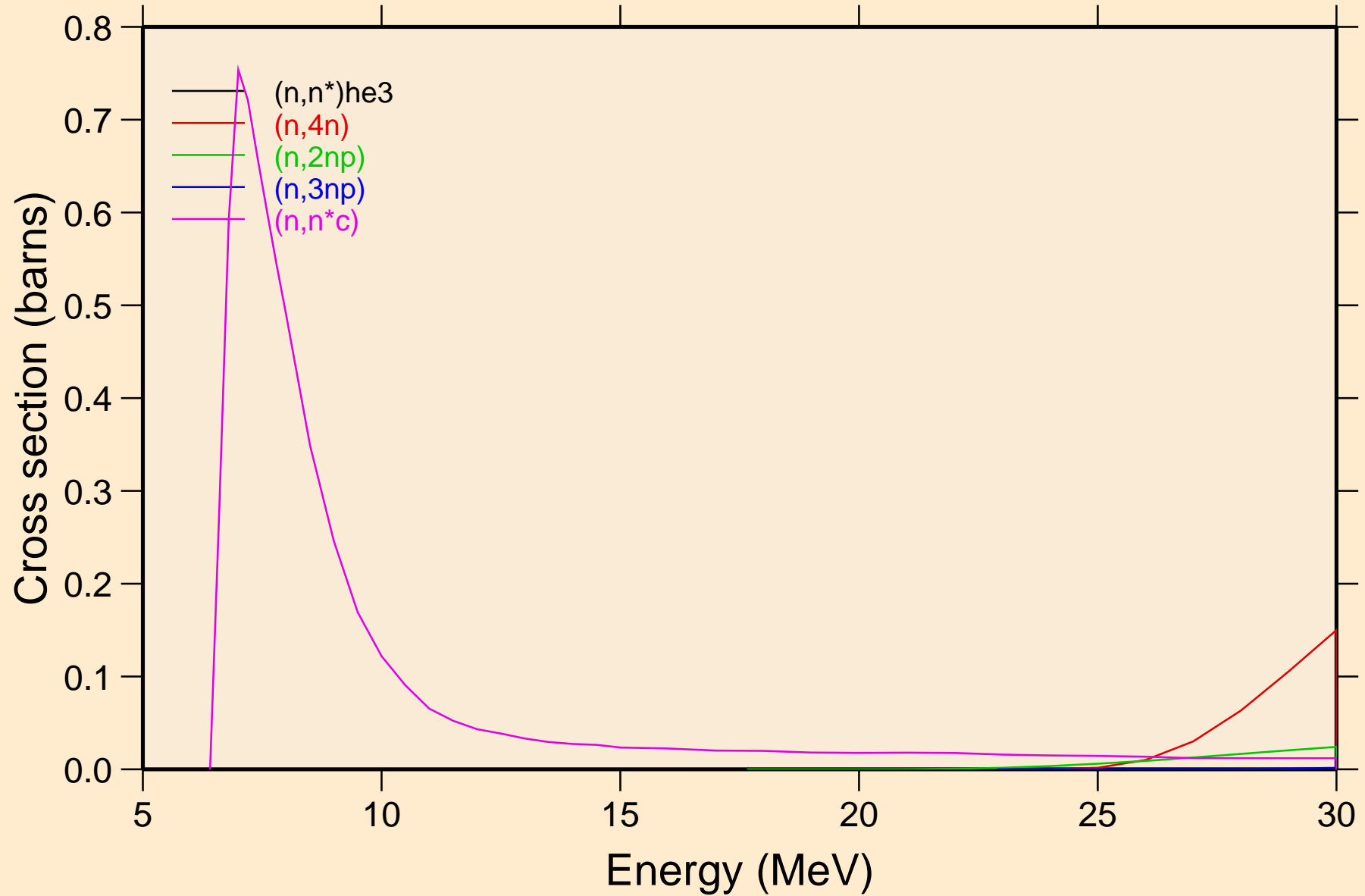
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



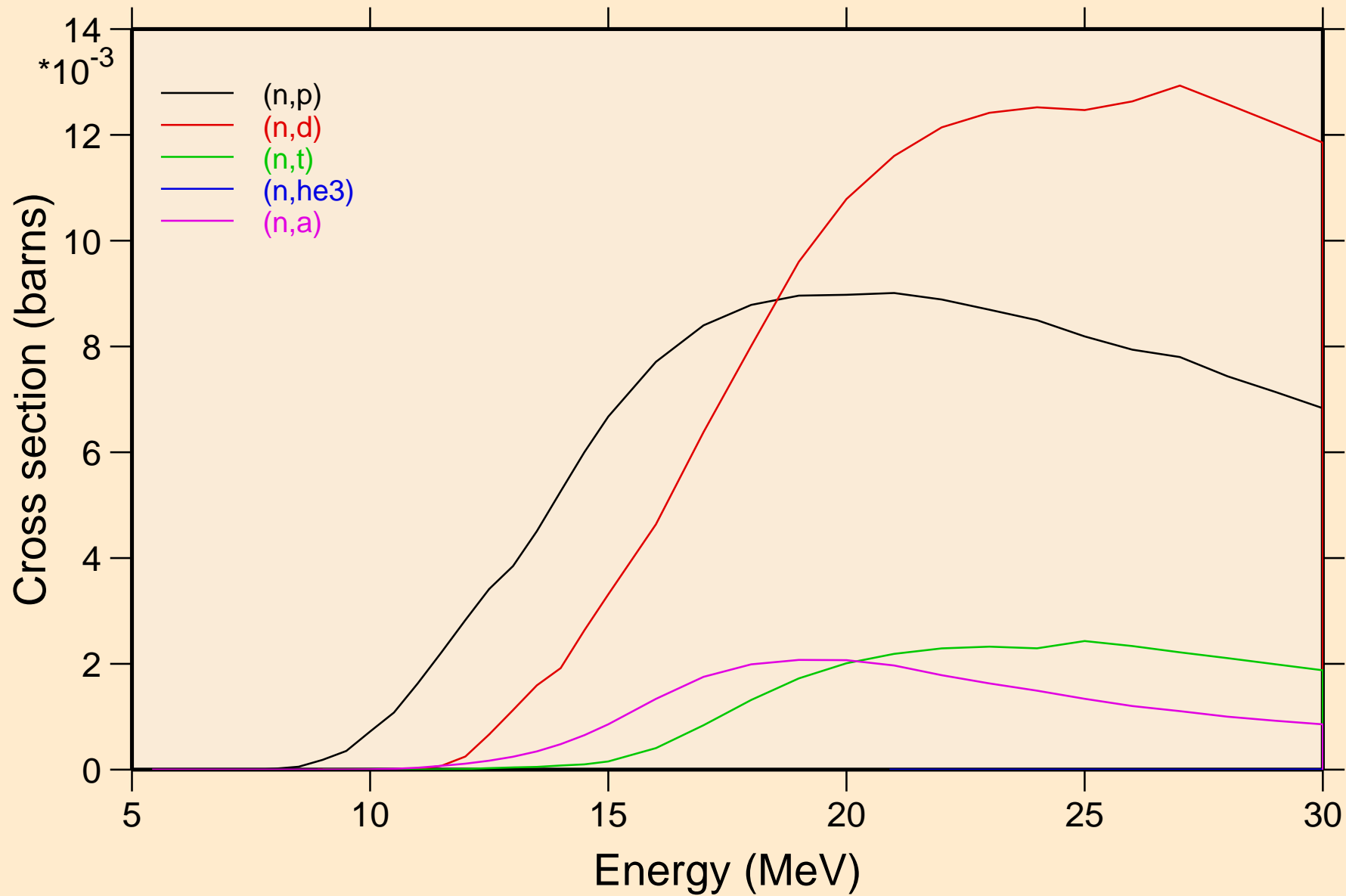


# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

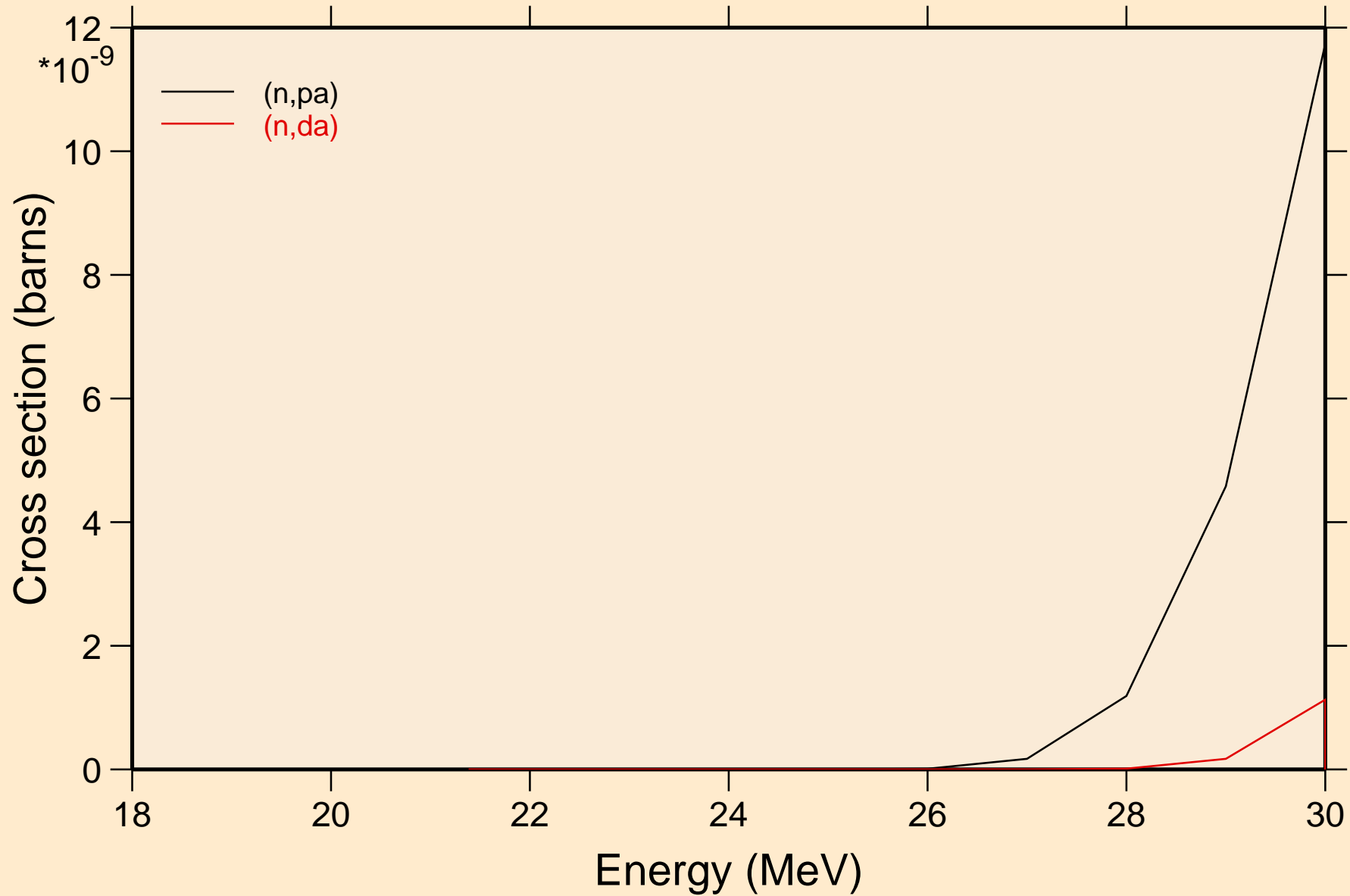
## Threshold reactions



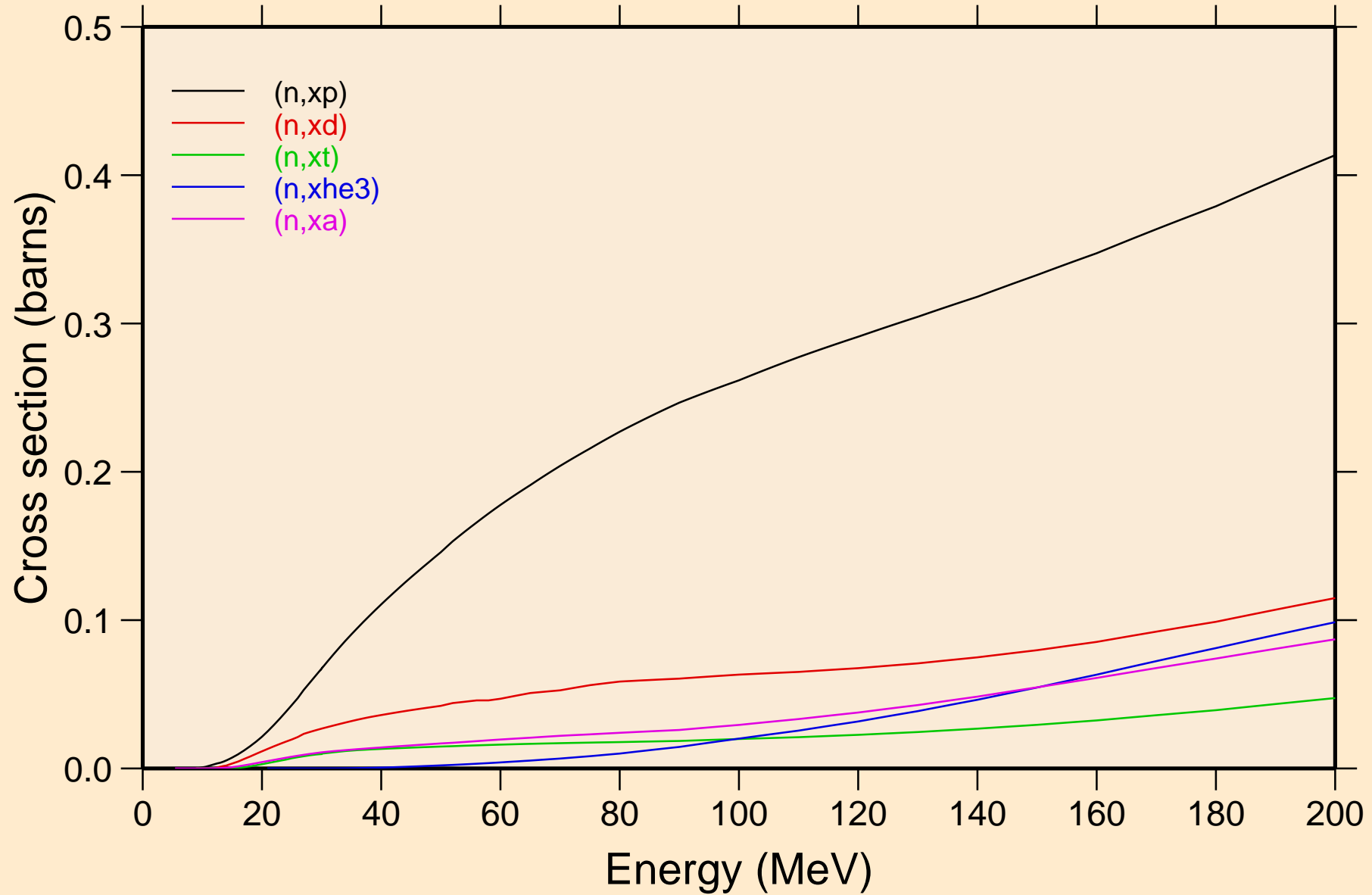
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



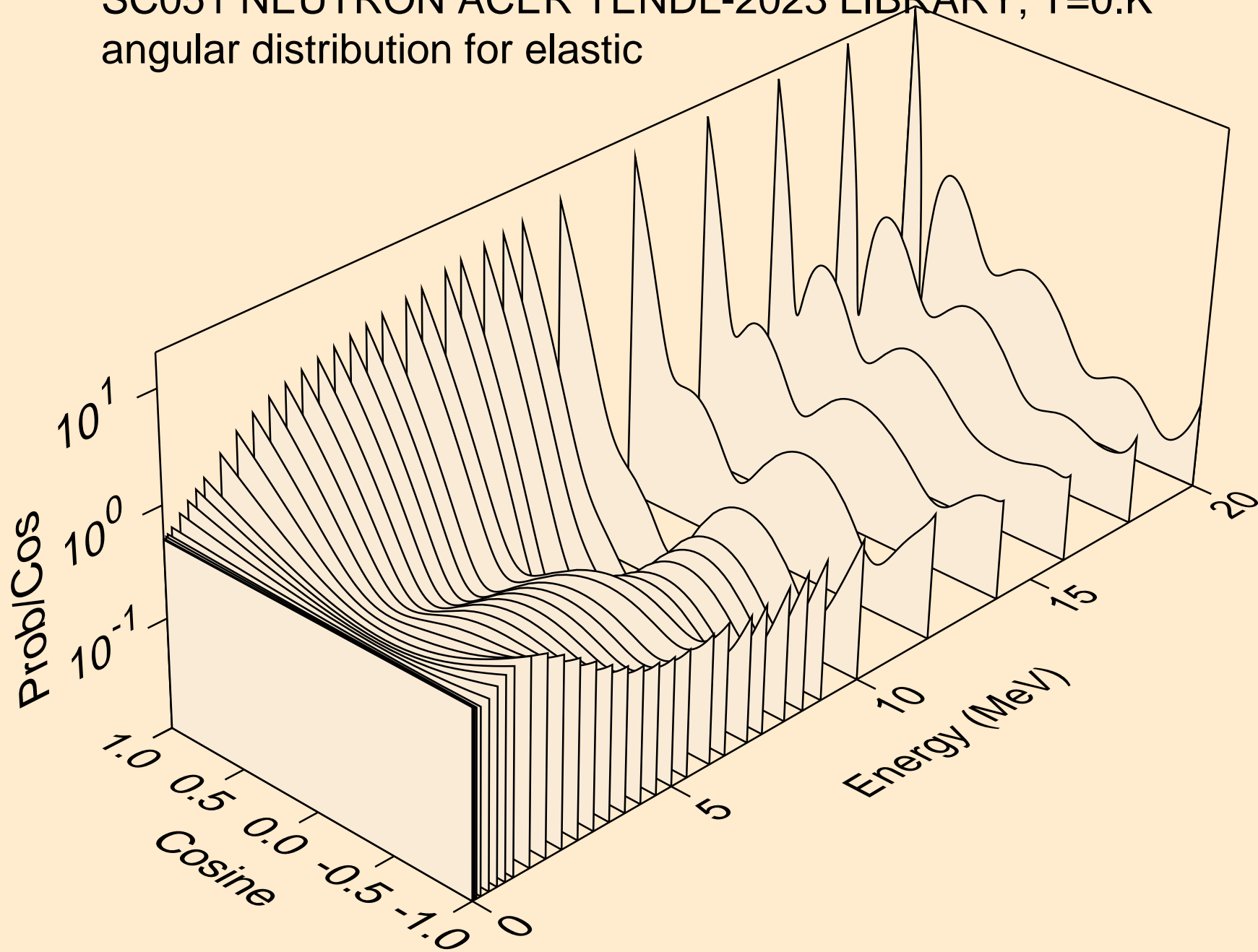
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



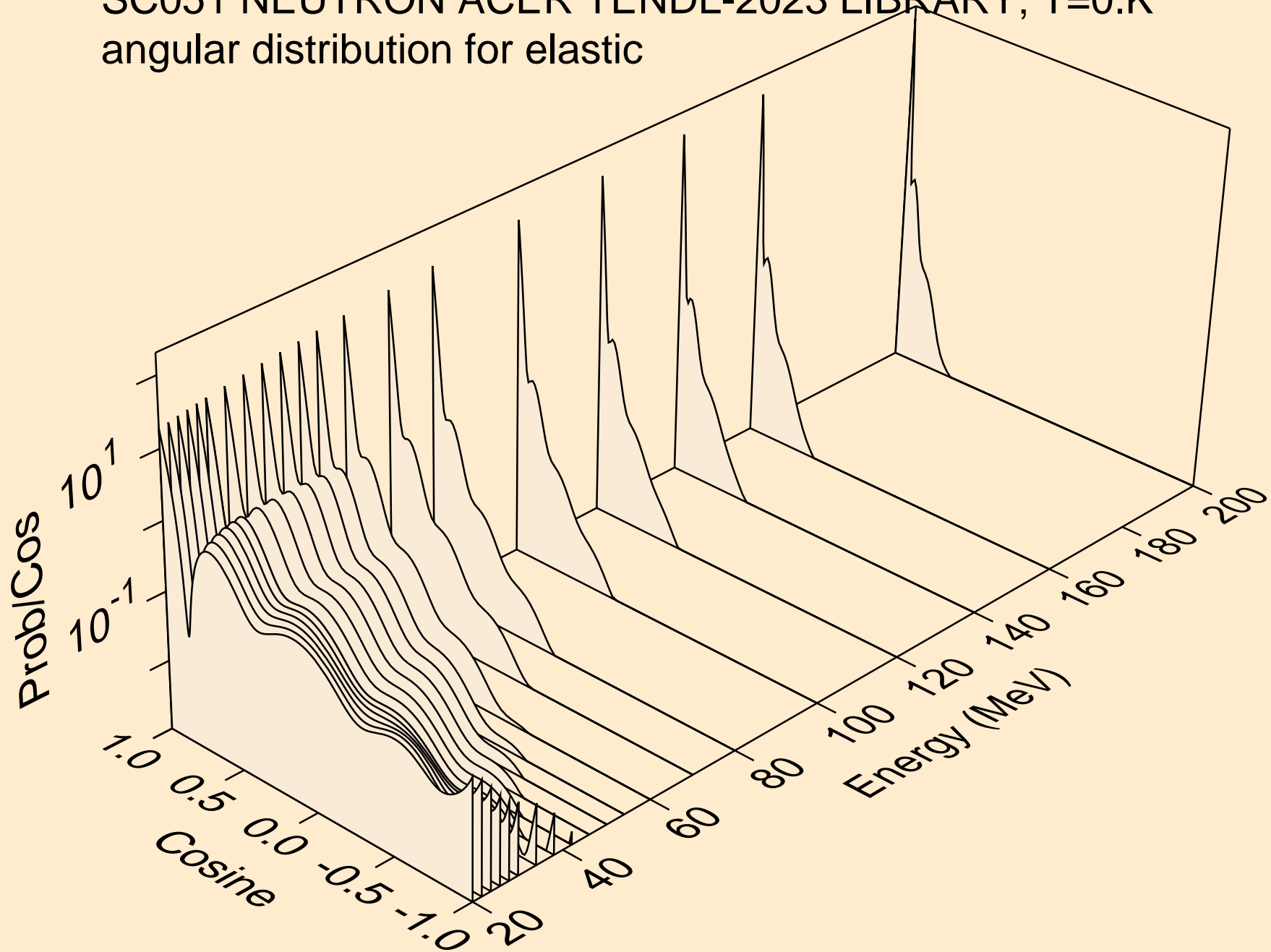
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Threshold reactions



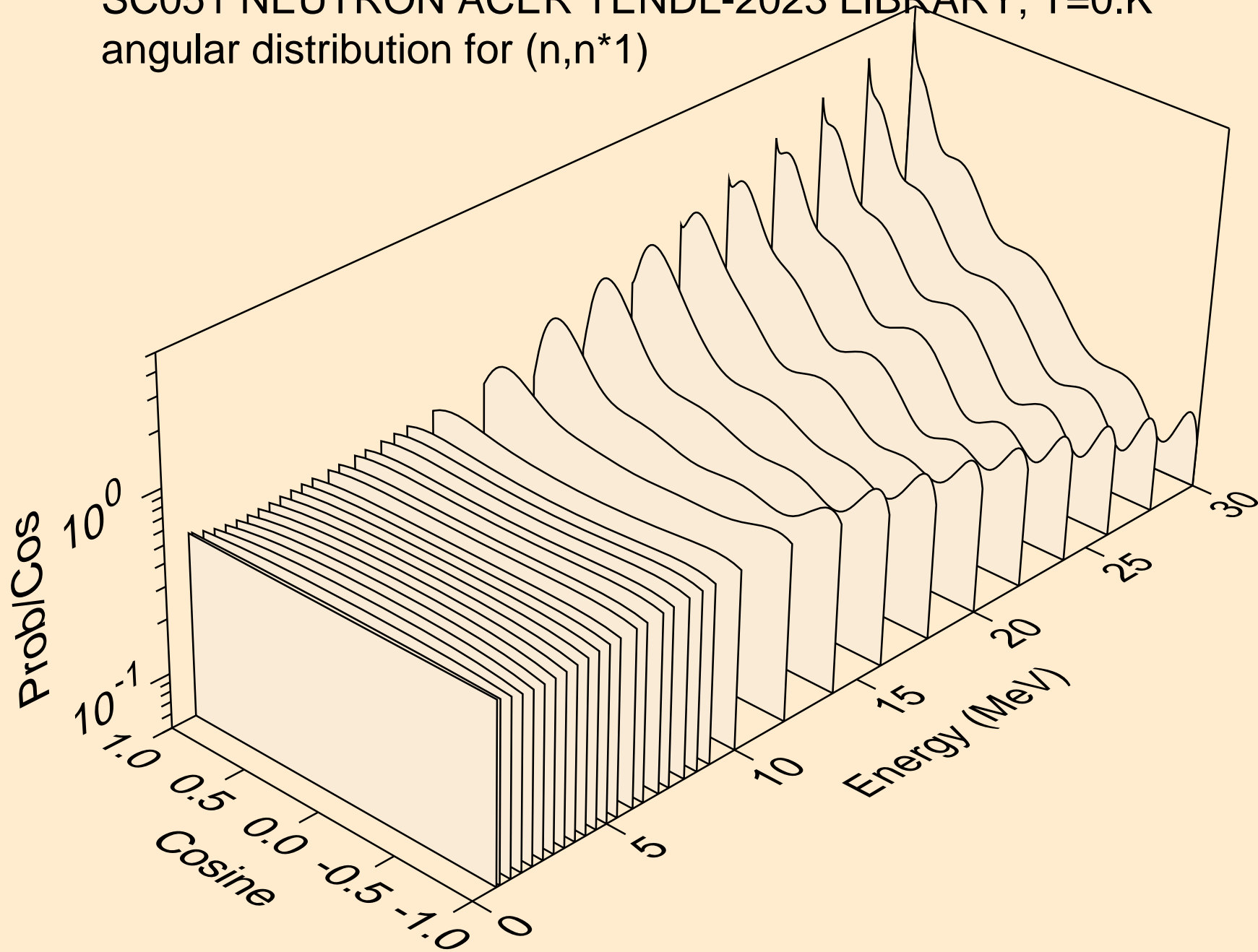
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



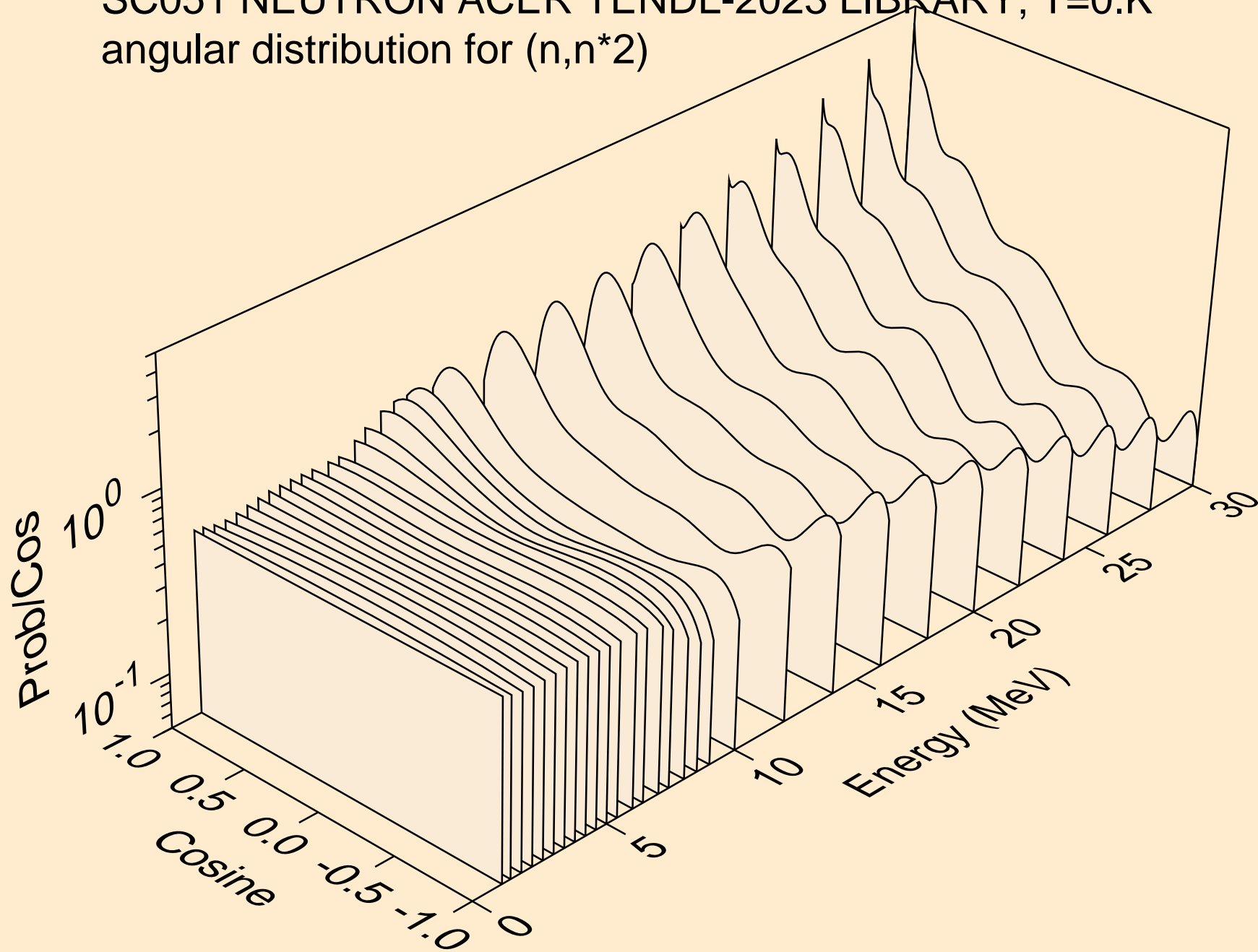
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

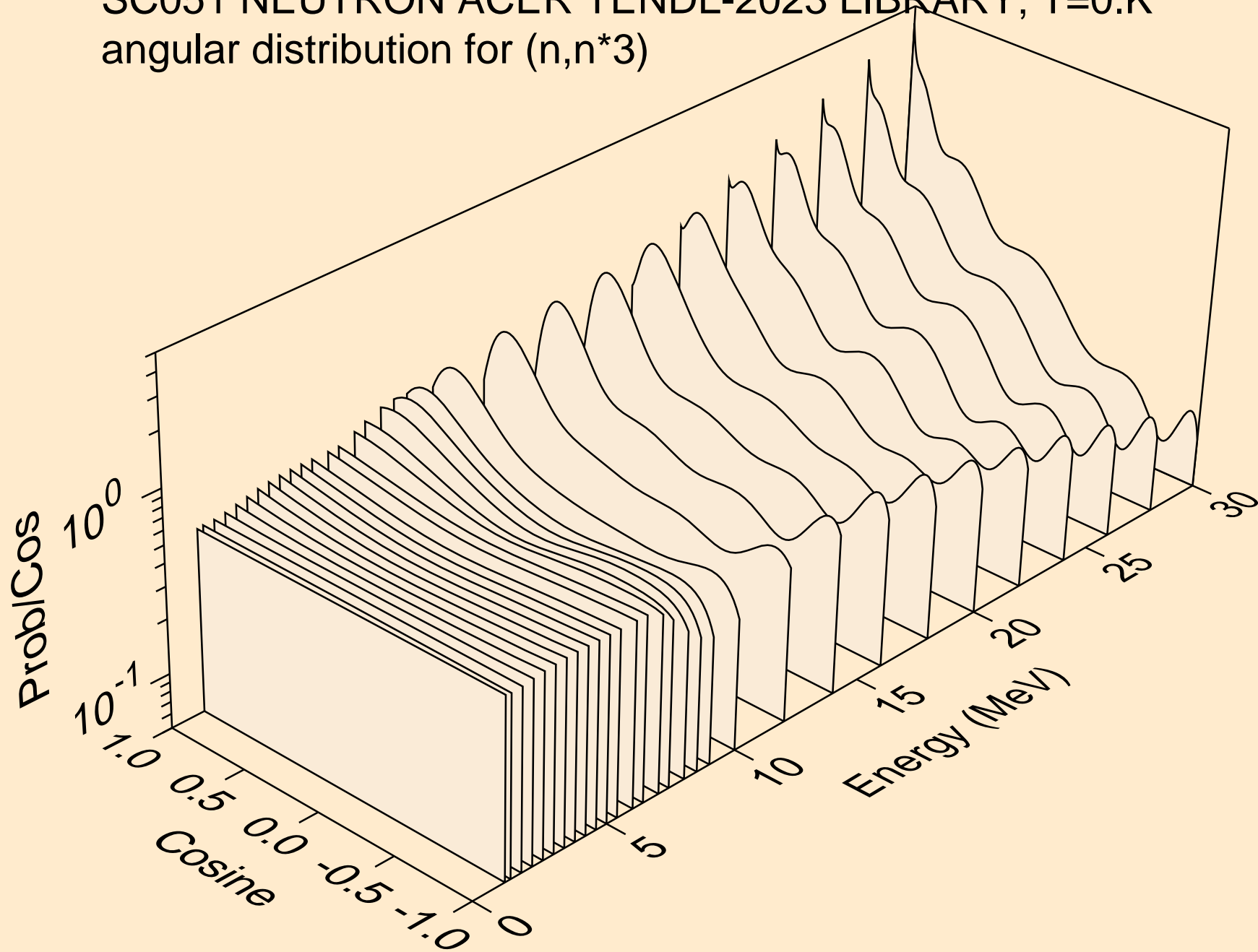


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

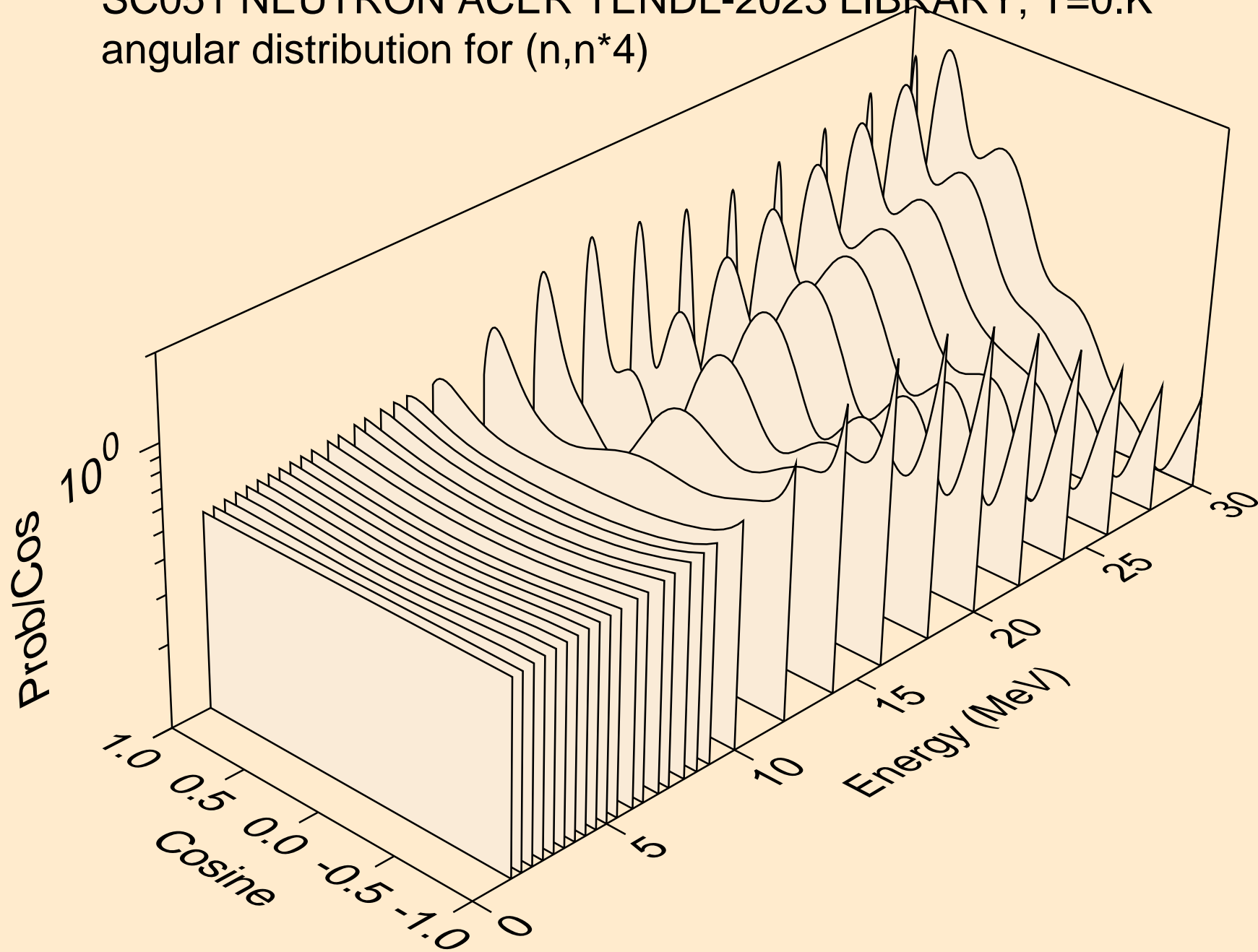




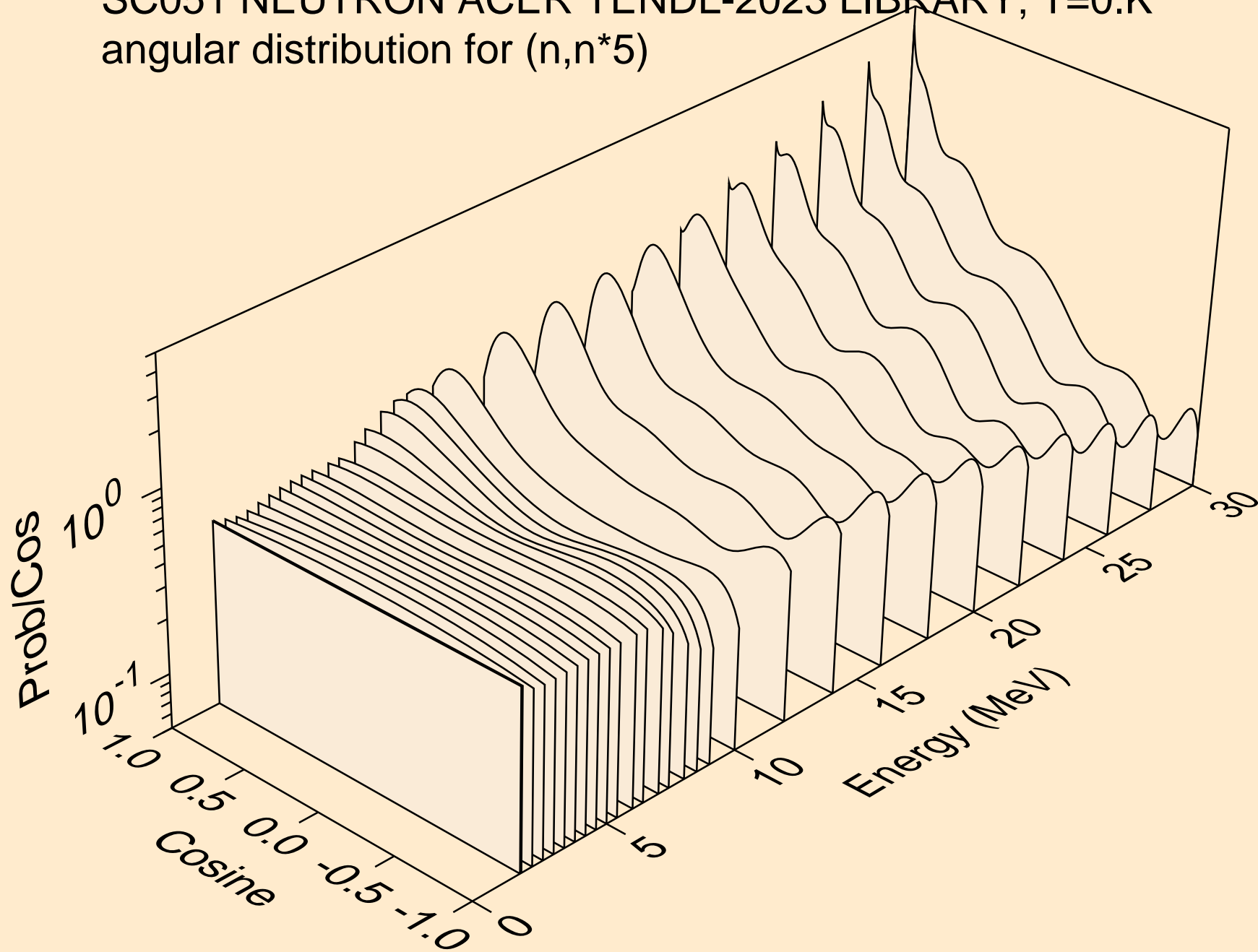
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angular distribution for (n,n\*3)



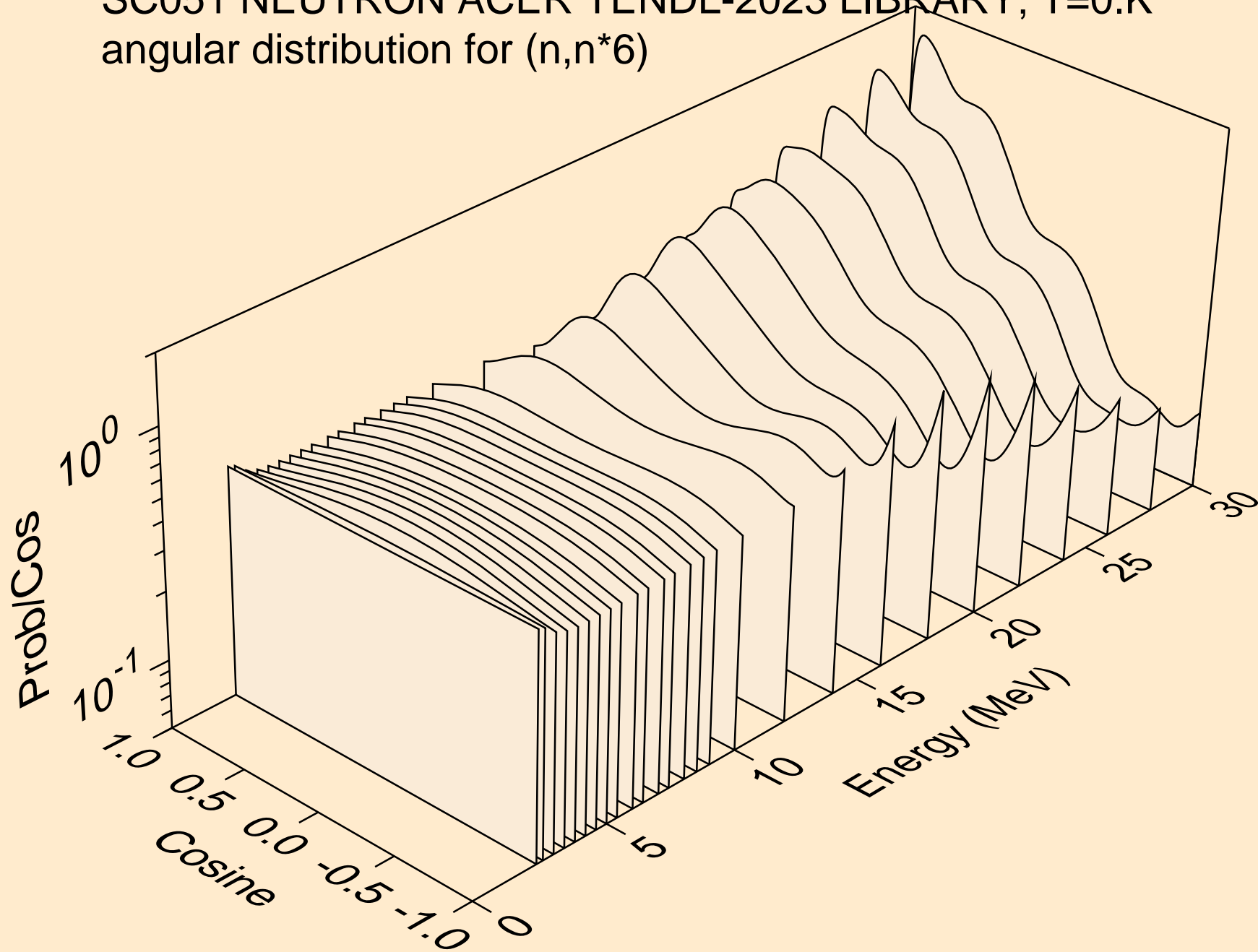
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angular distribution for (n,n\*4)



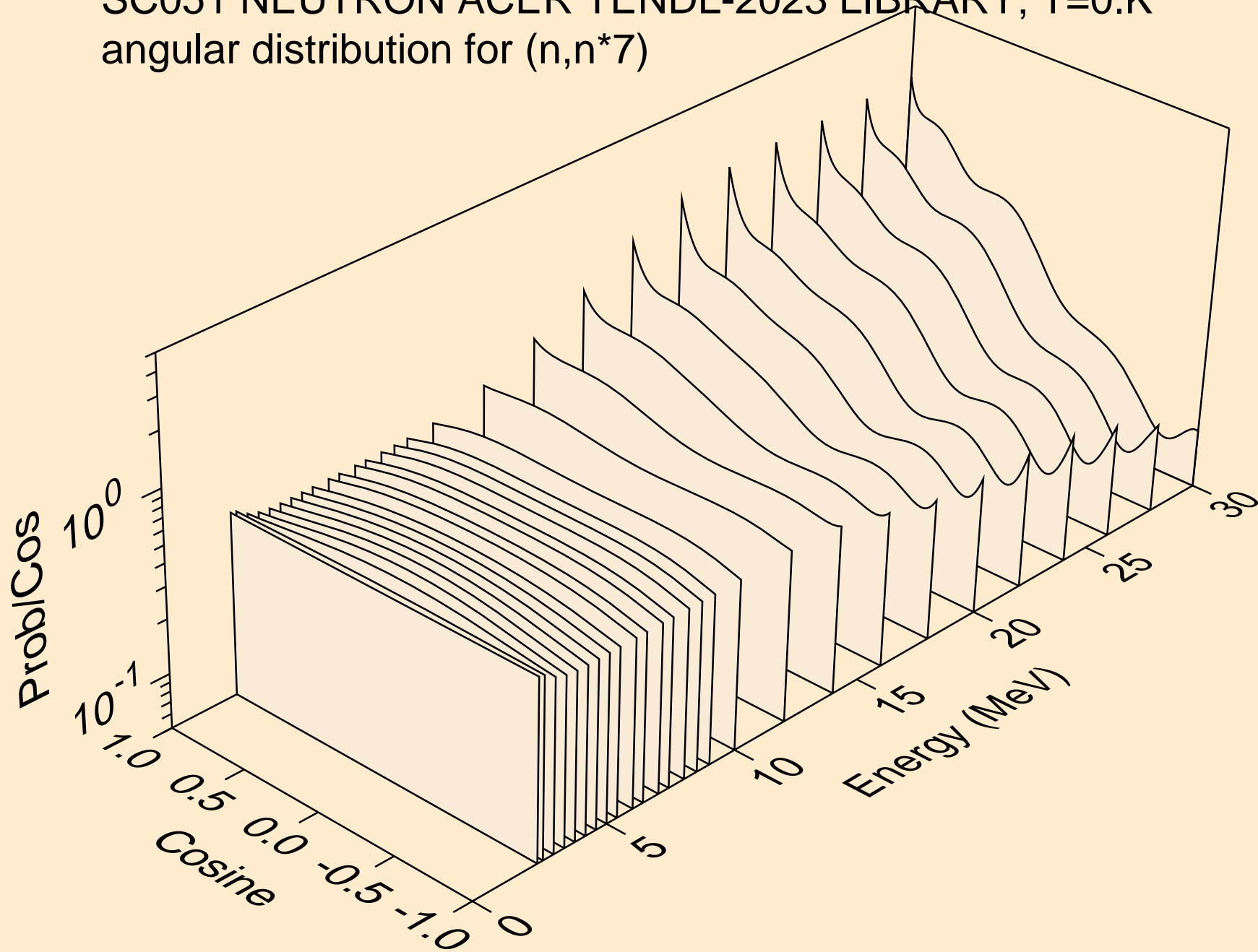
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angular distribution for (n,n\*5)



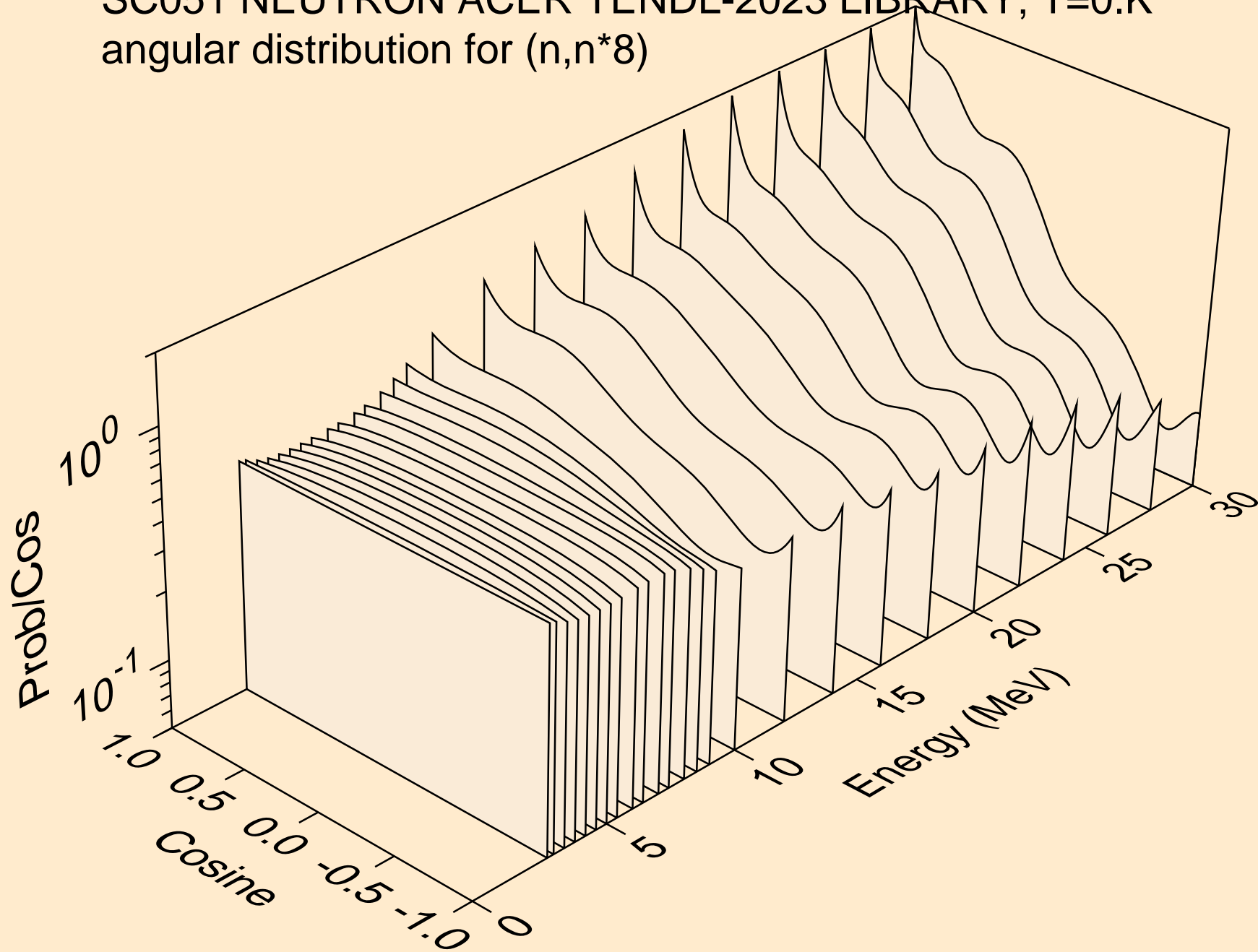
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angular distribution for (n,n\*6)



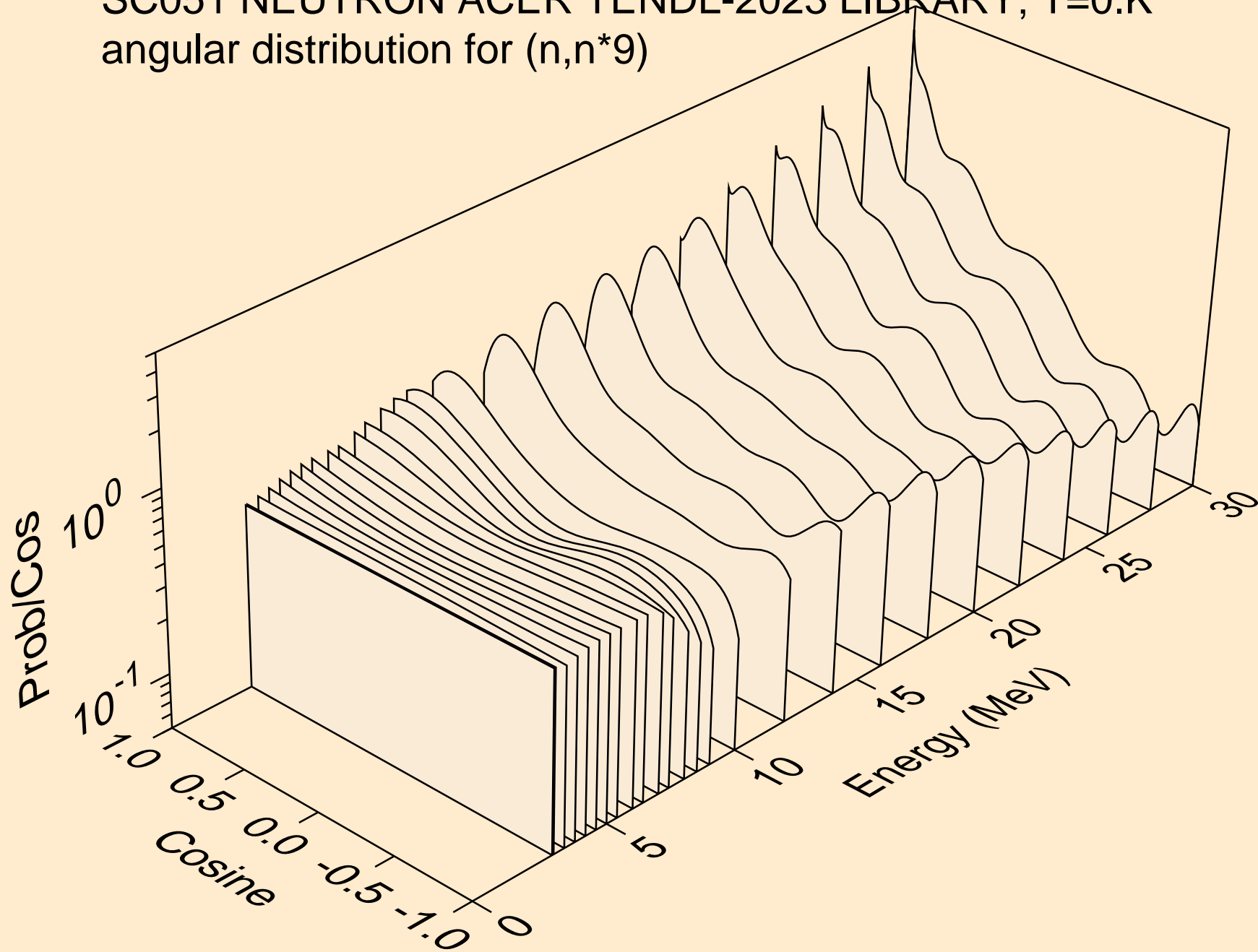
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angular distribution for (n,n\*7)



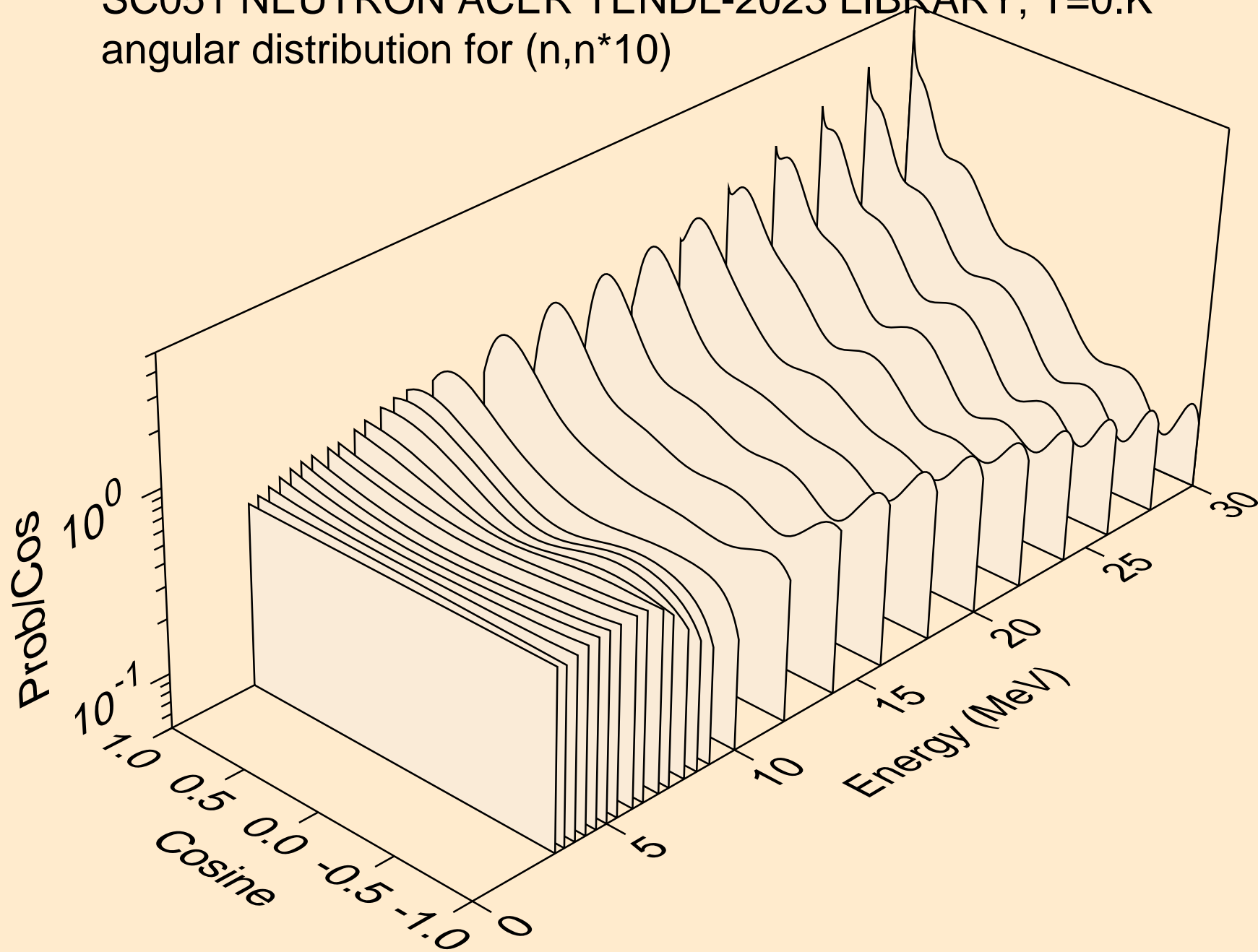
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

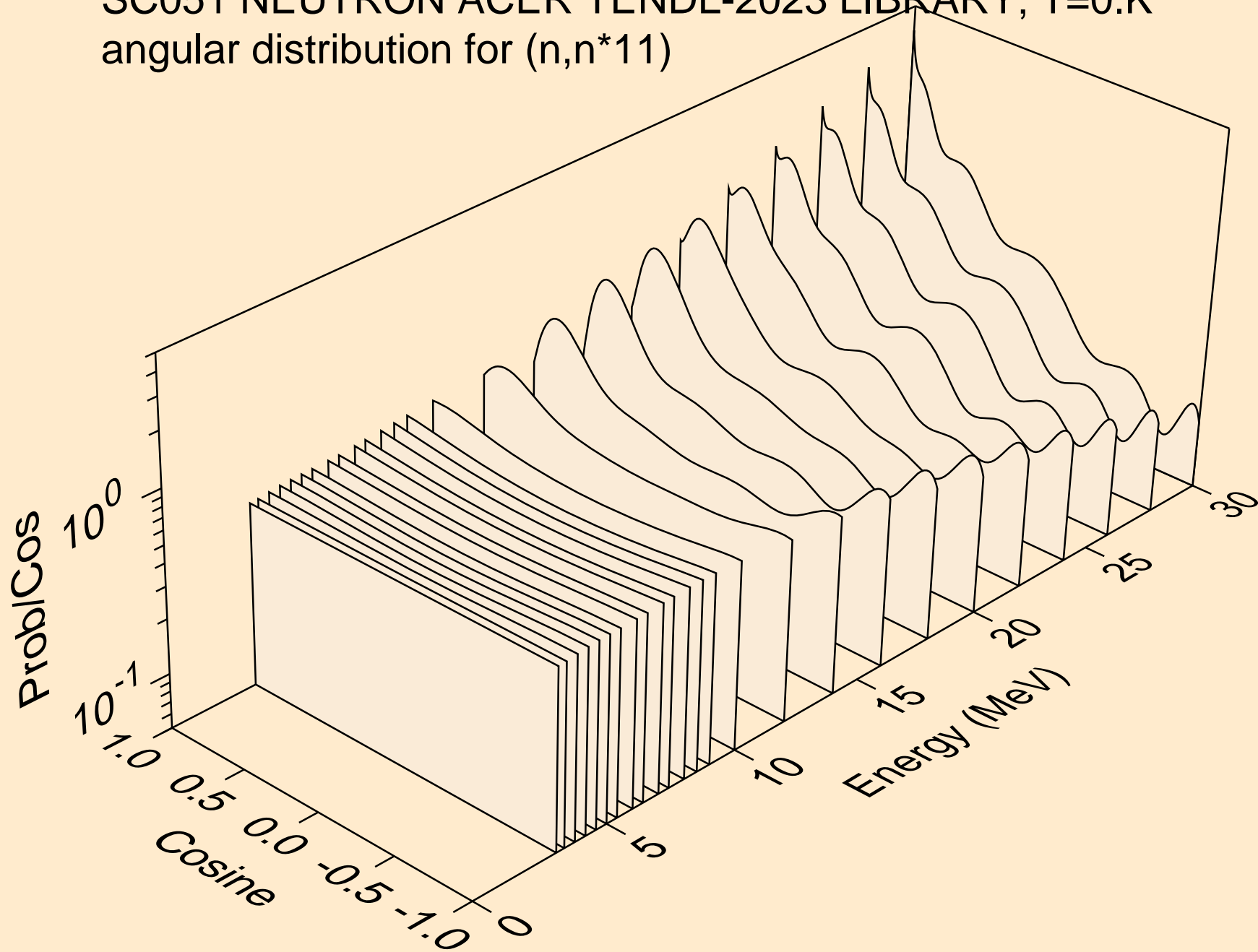


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angular distribution for (n,n\*10)

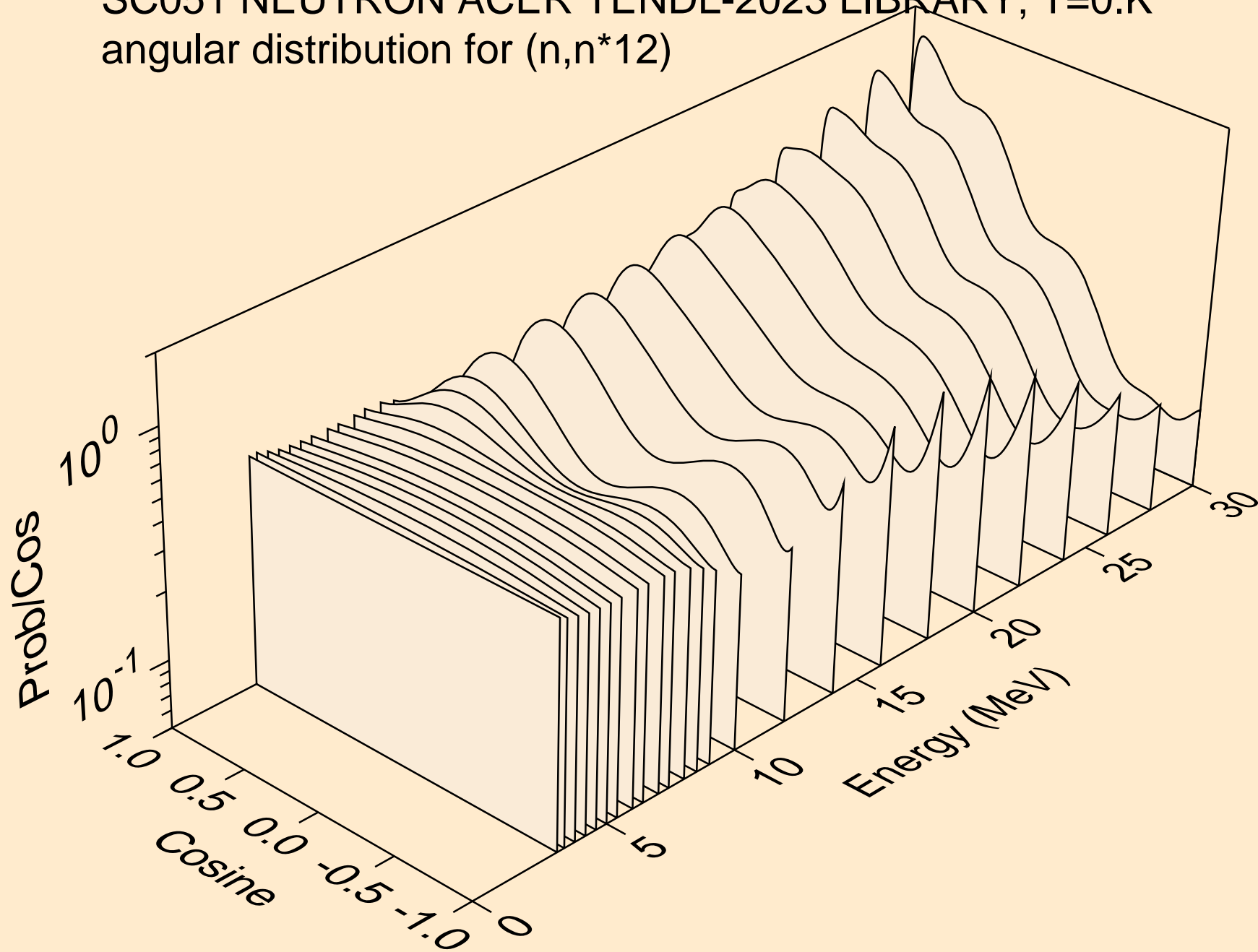




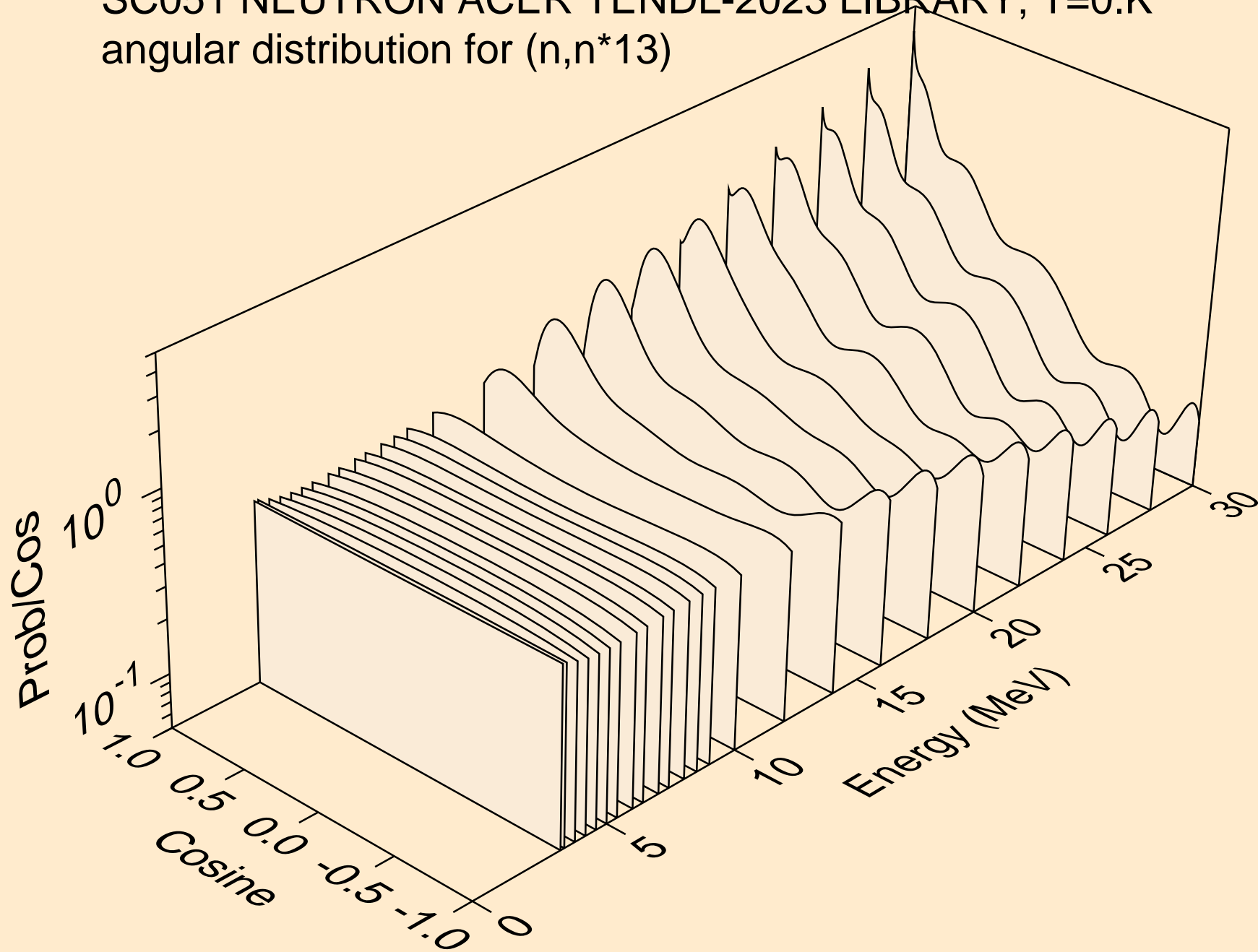
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angular distribution for (n,n\*11)



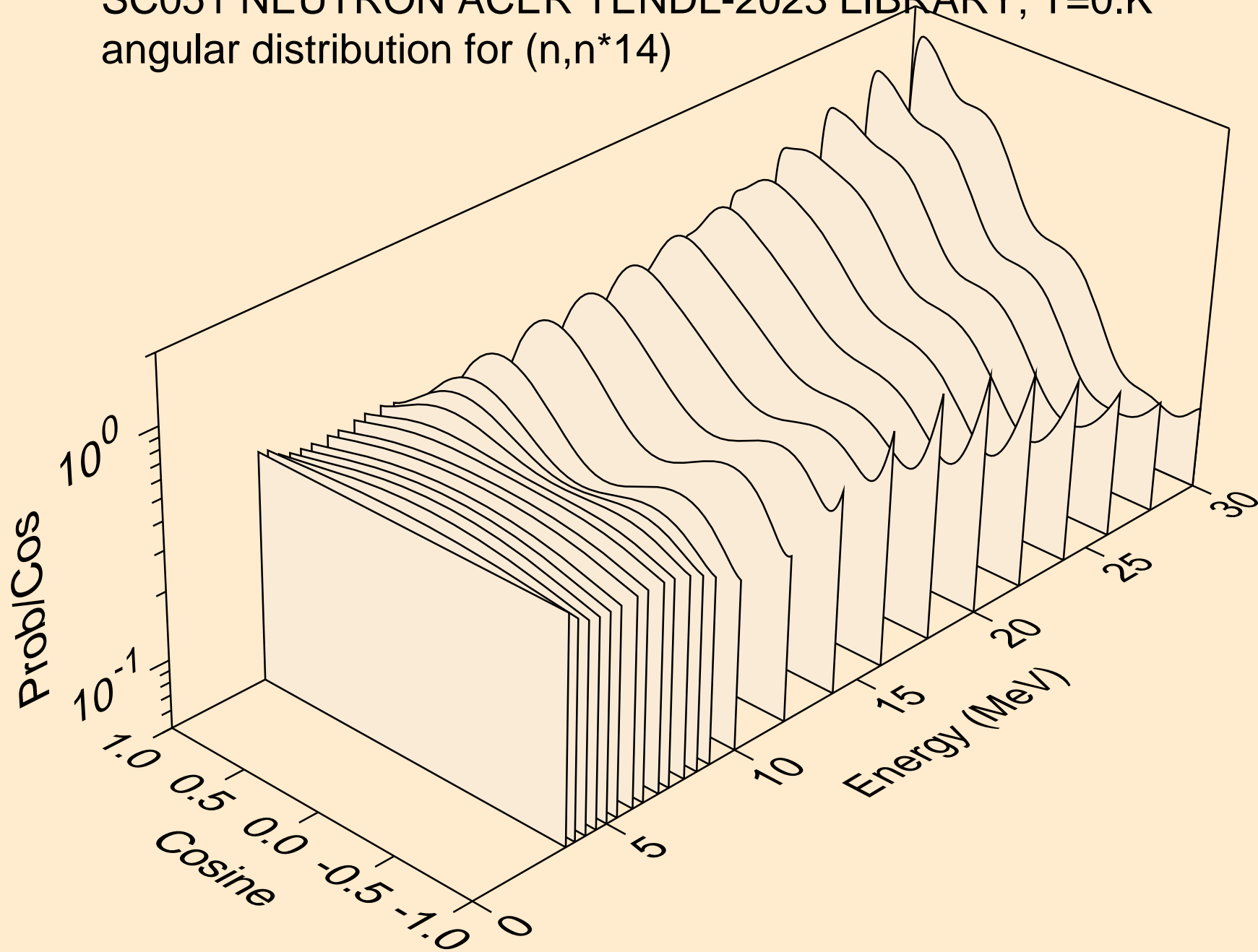
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angular distribution for (n,n\*12)



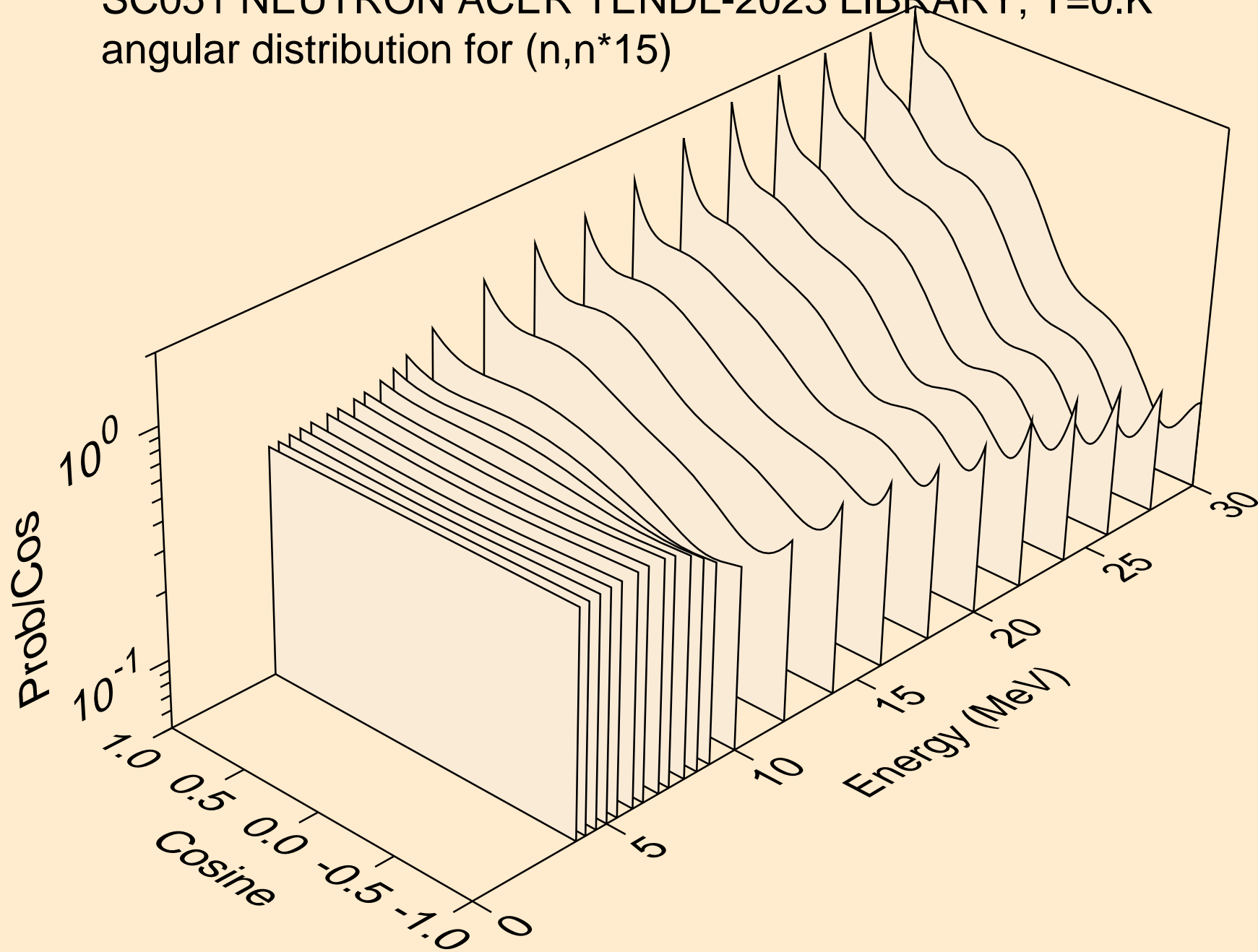
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angular distribution for (n,n\*13)



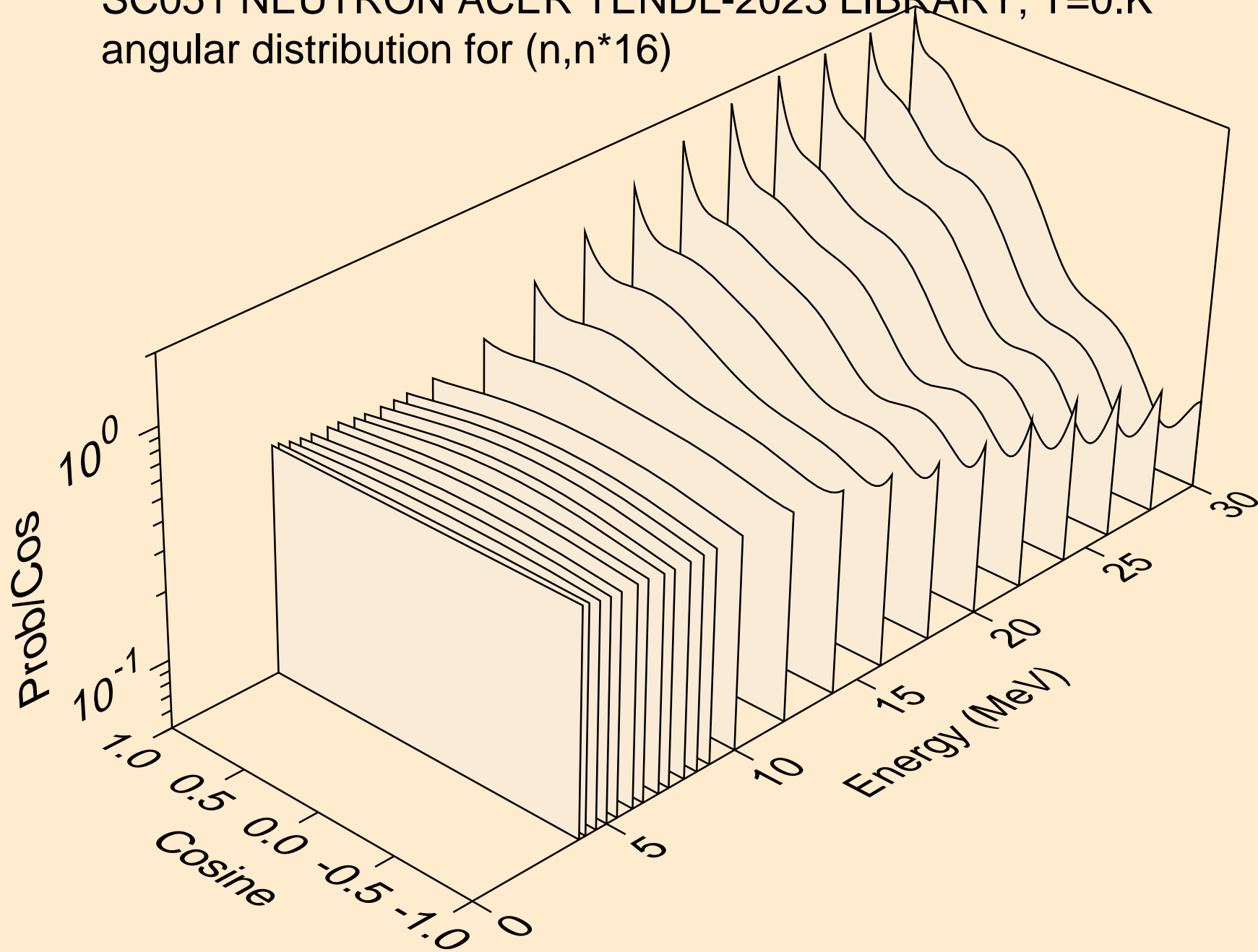
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angular distribution for (n,n\*14)



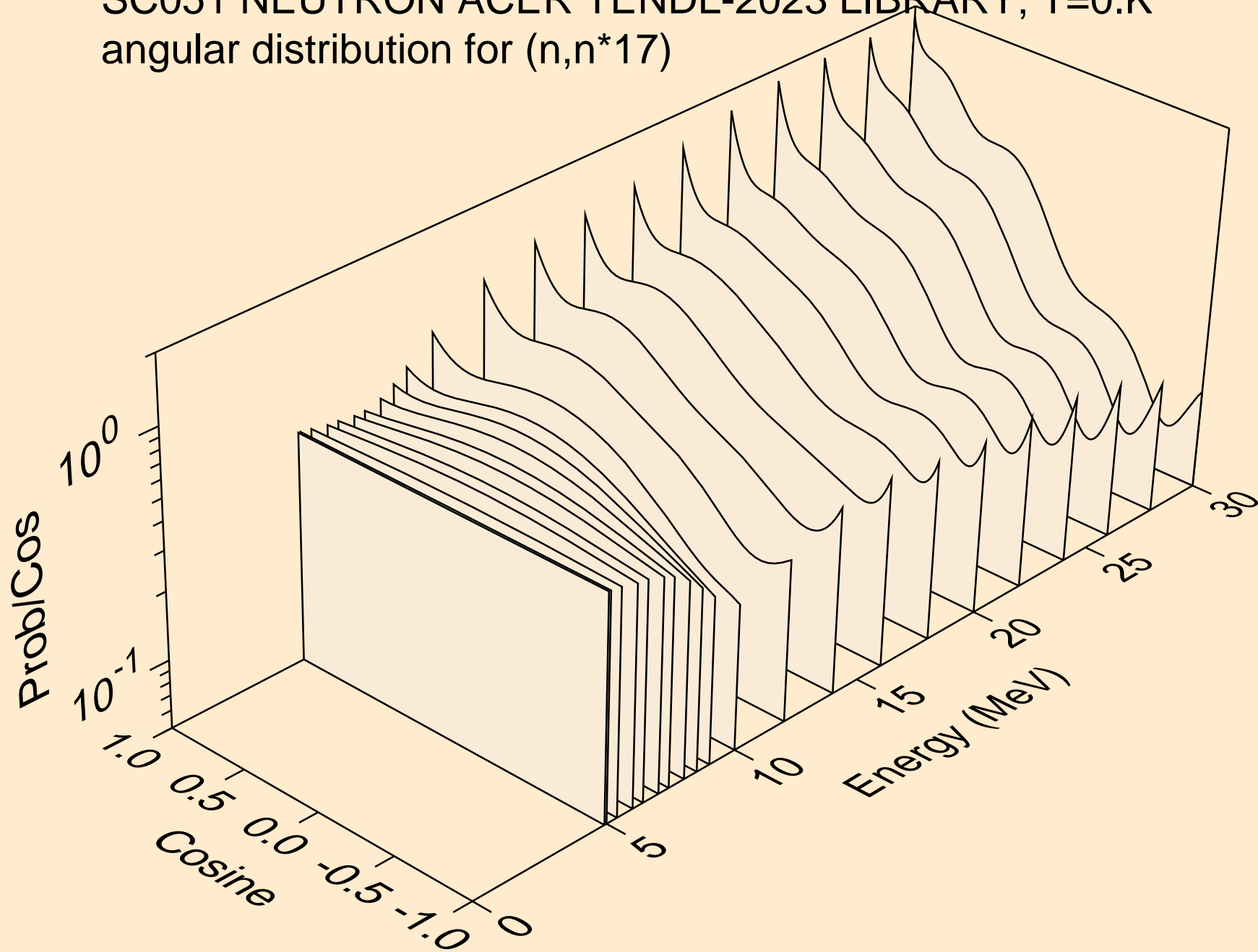
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angular distribution for (n,n\*15)



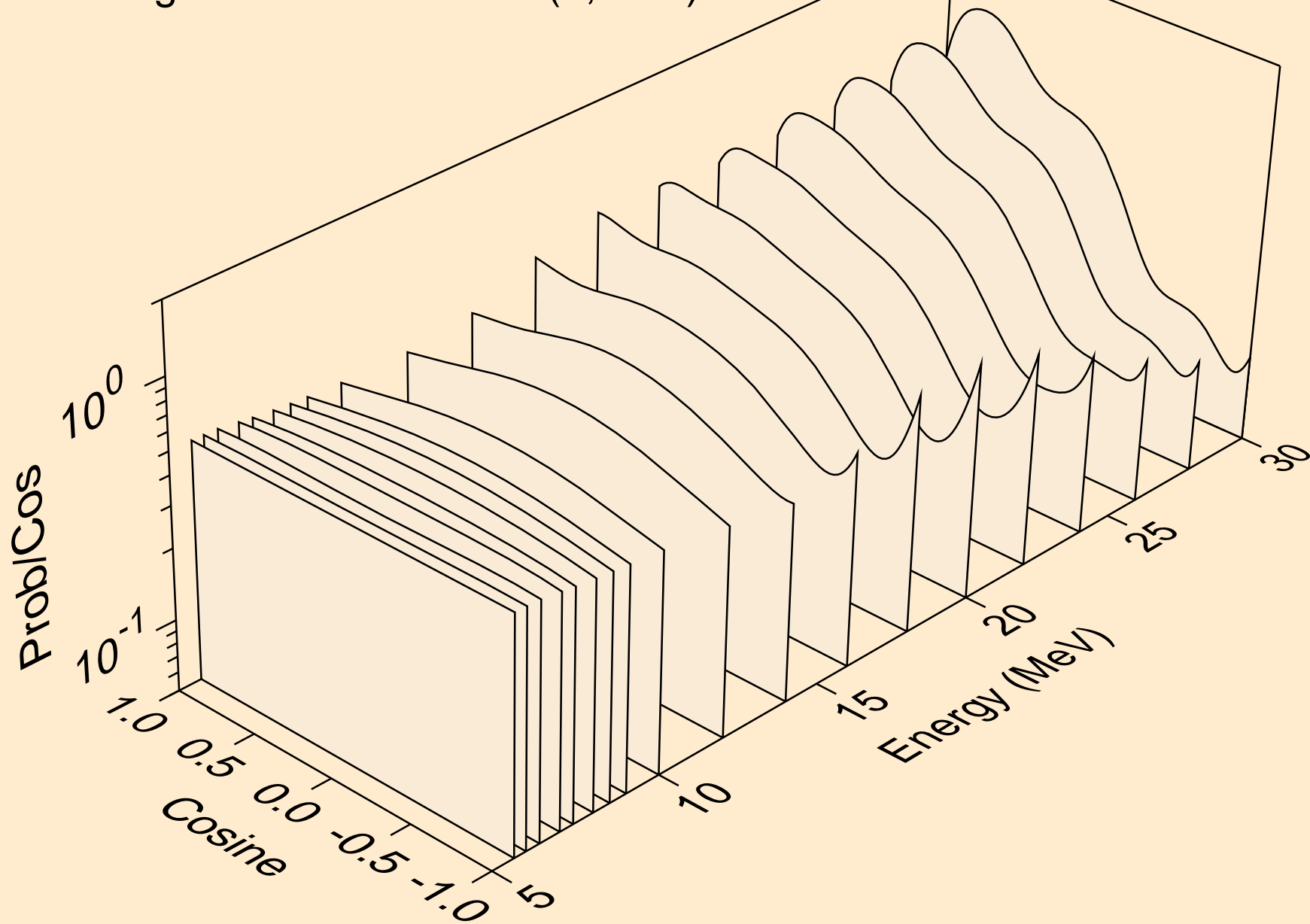
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

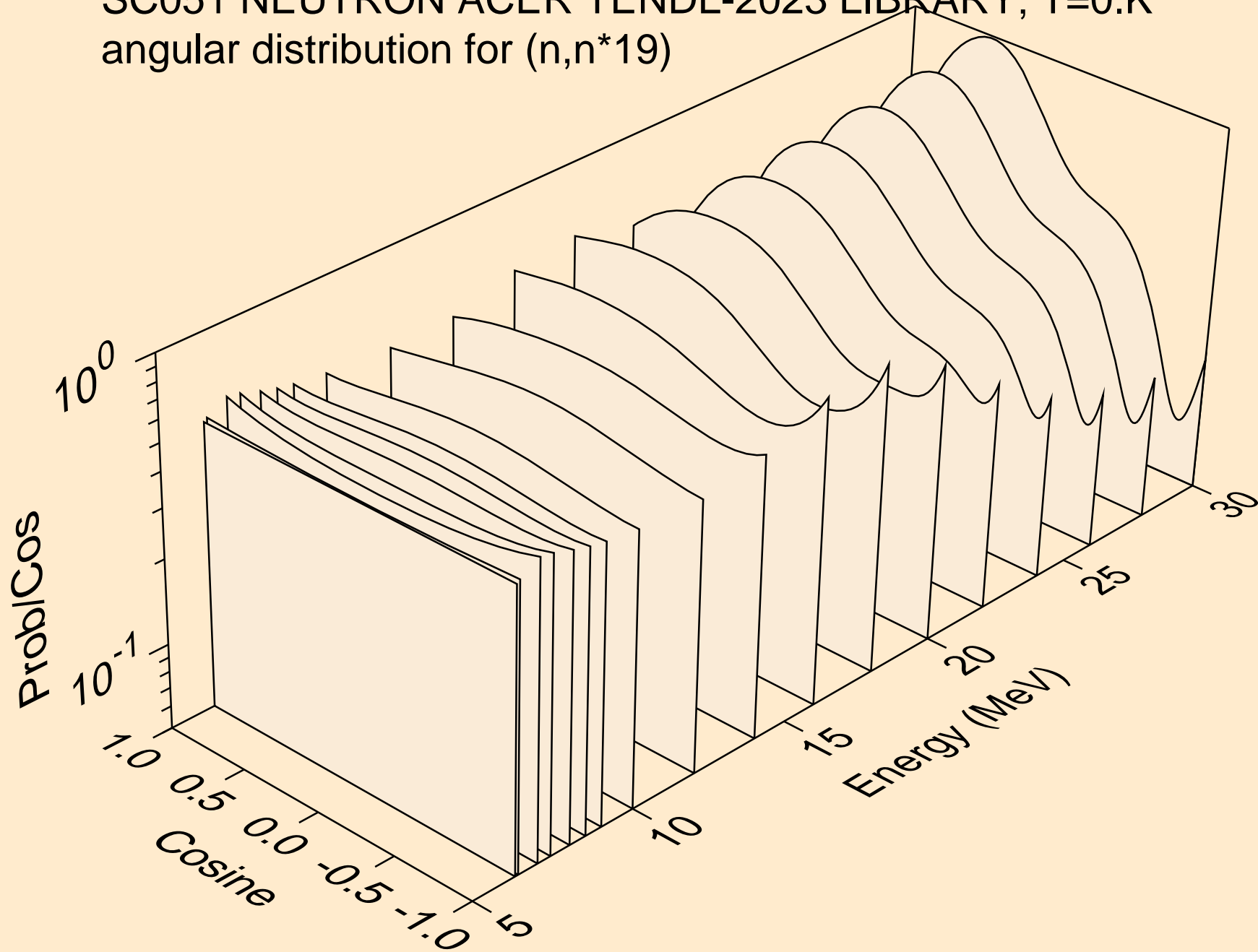


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angular distribution for (n,n\*18)

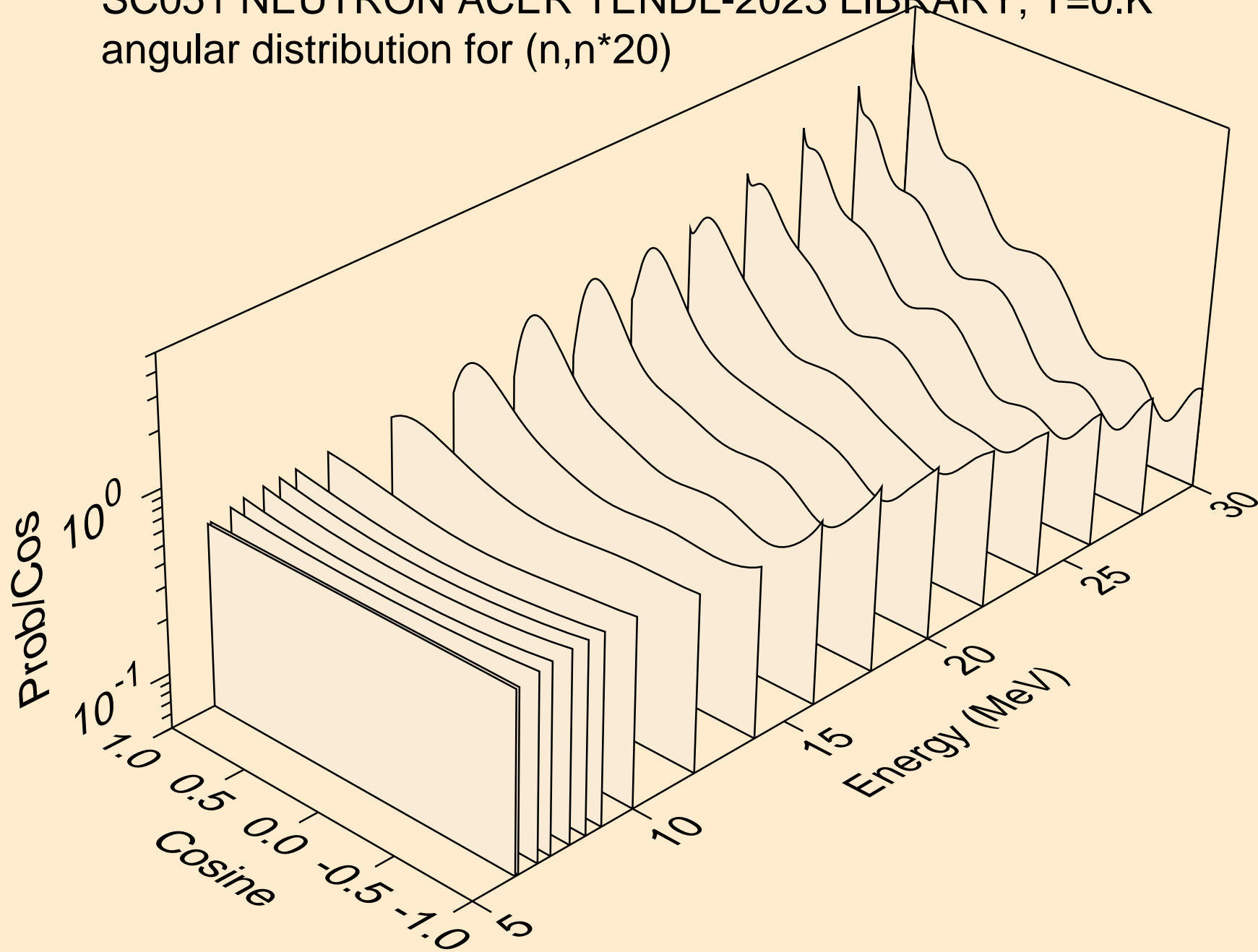




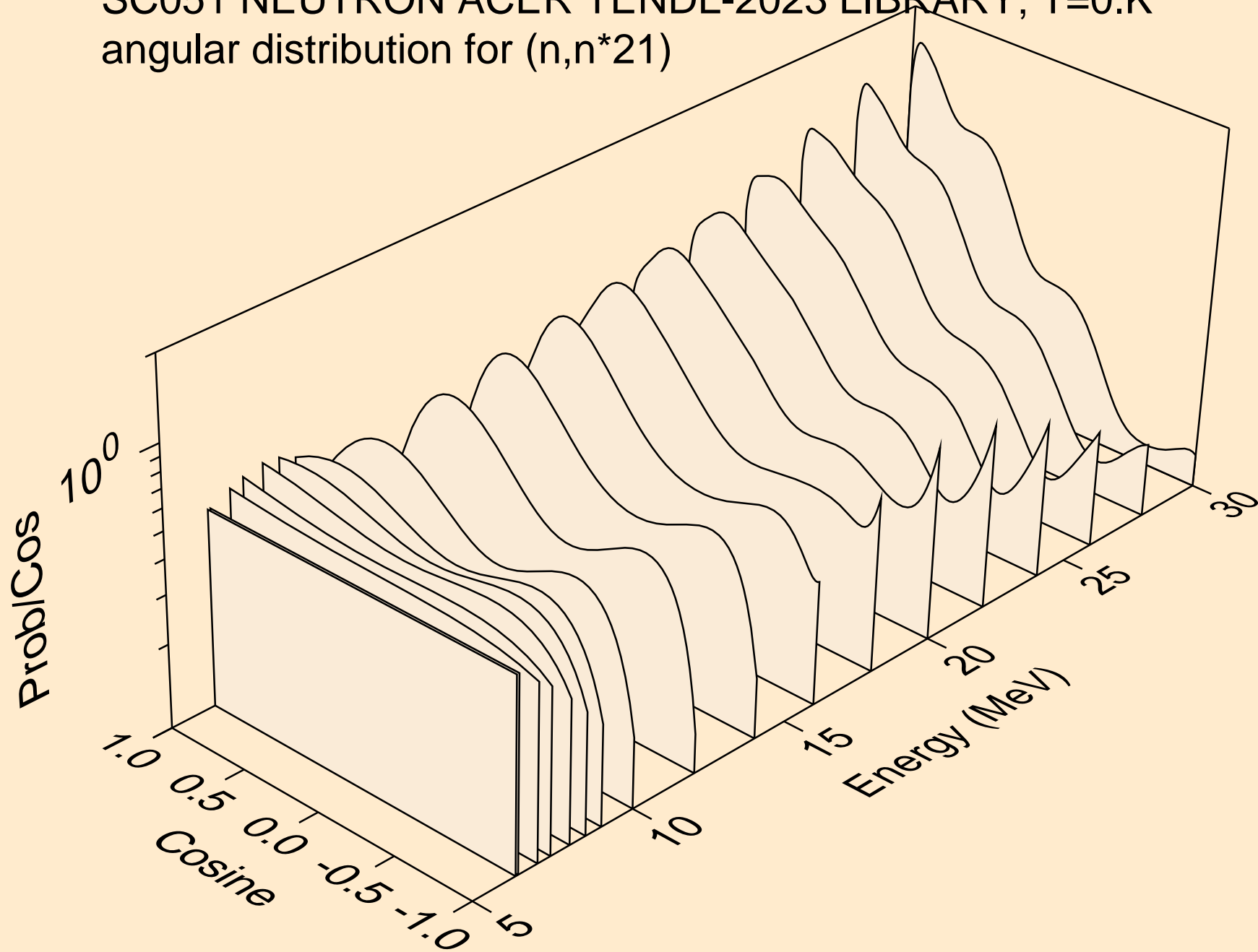
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angular distribution for (n,n\*19)



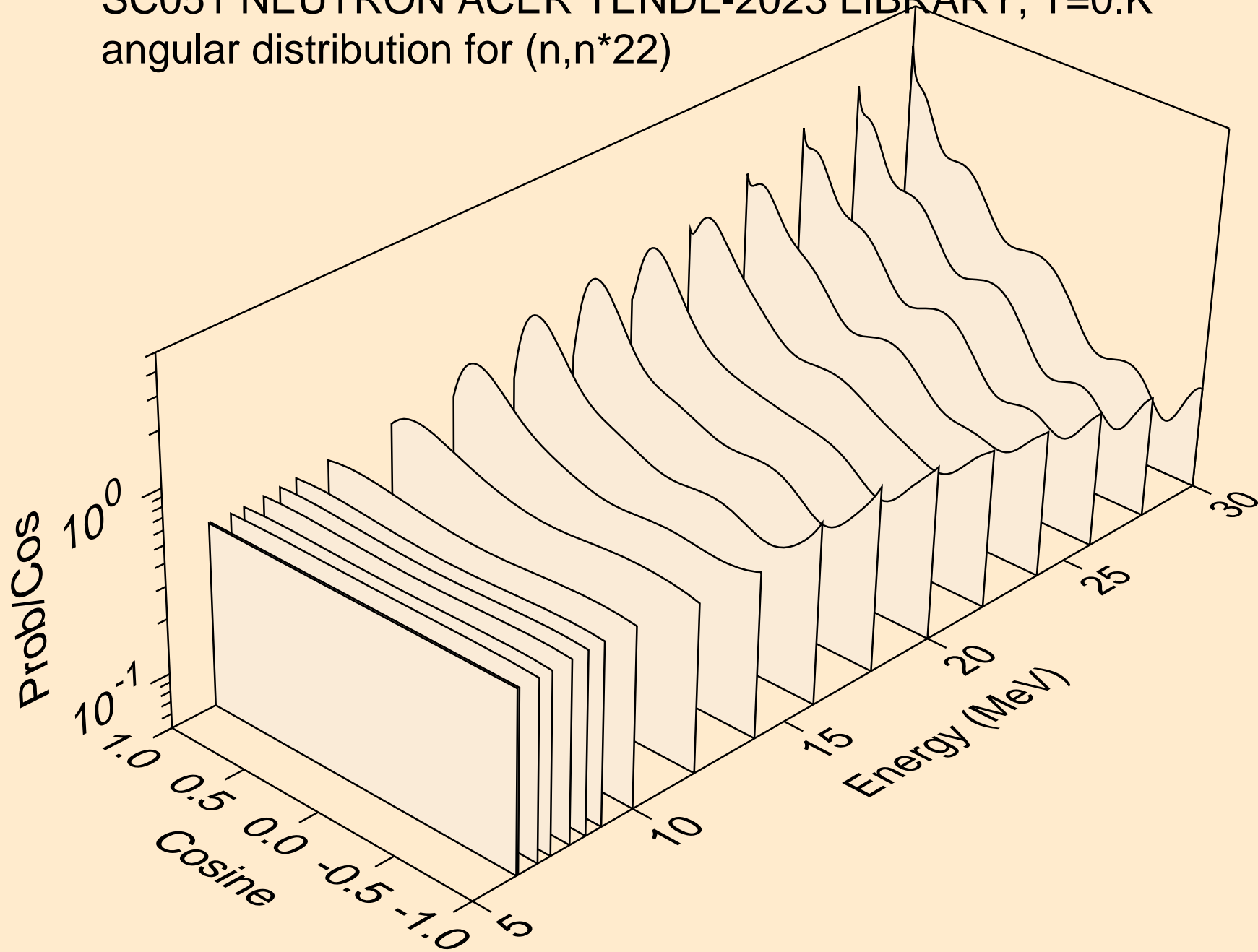
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angular distribution for (n,n\*20)



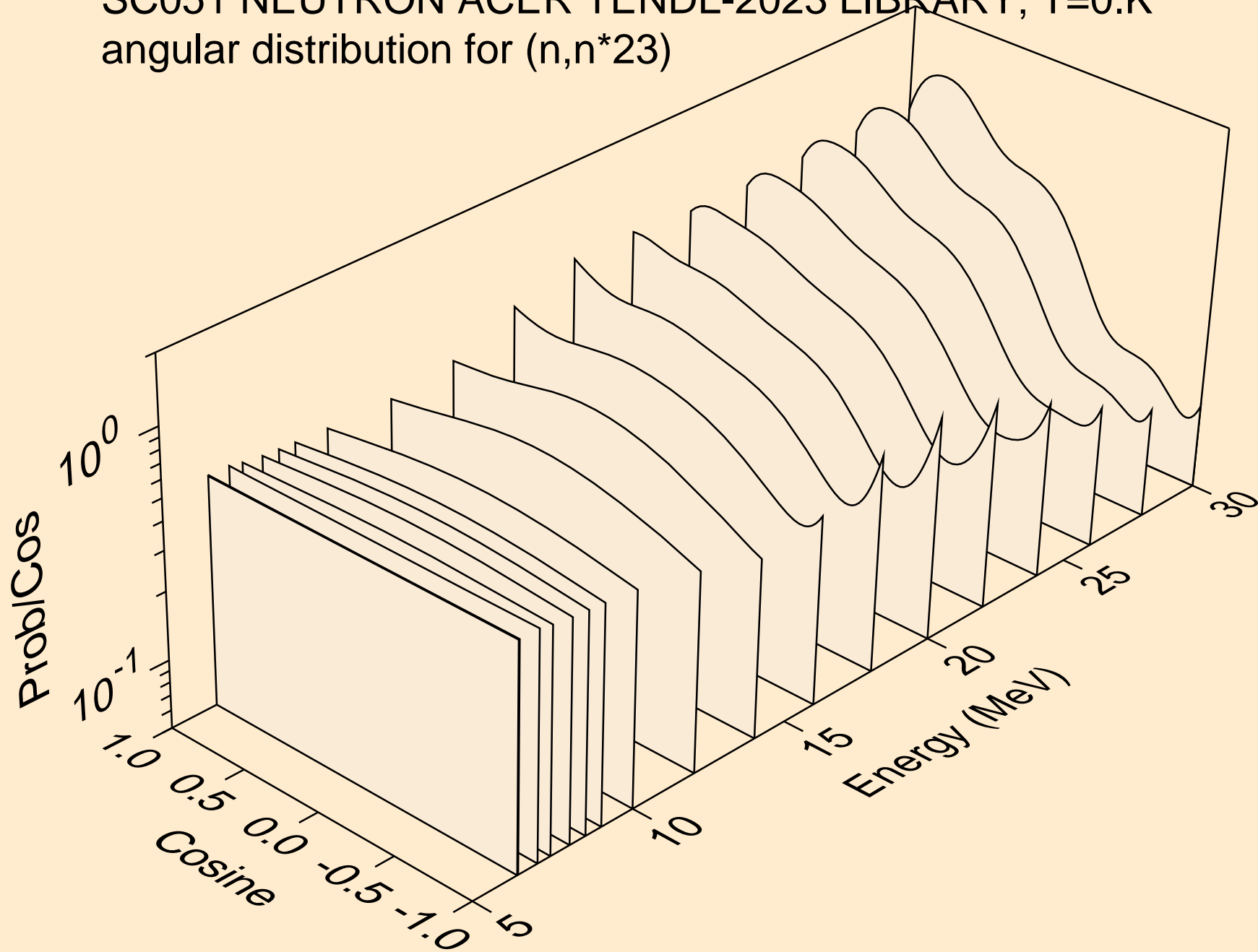
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angular distribution for (n,n\*21)



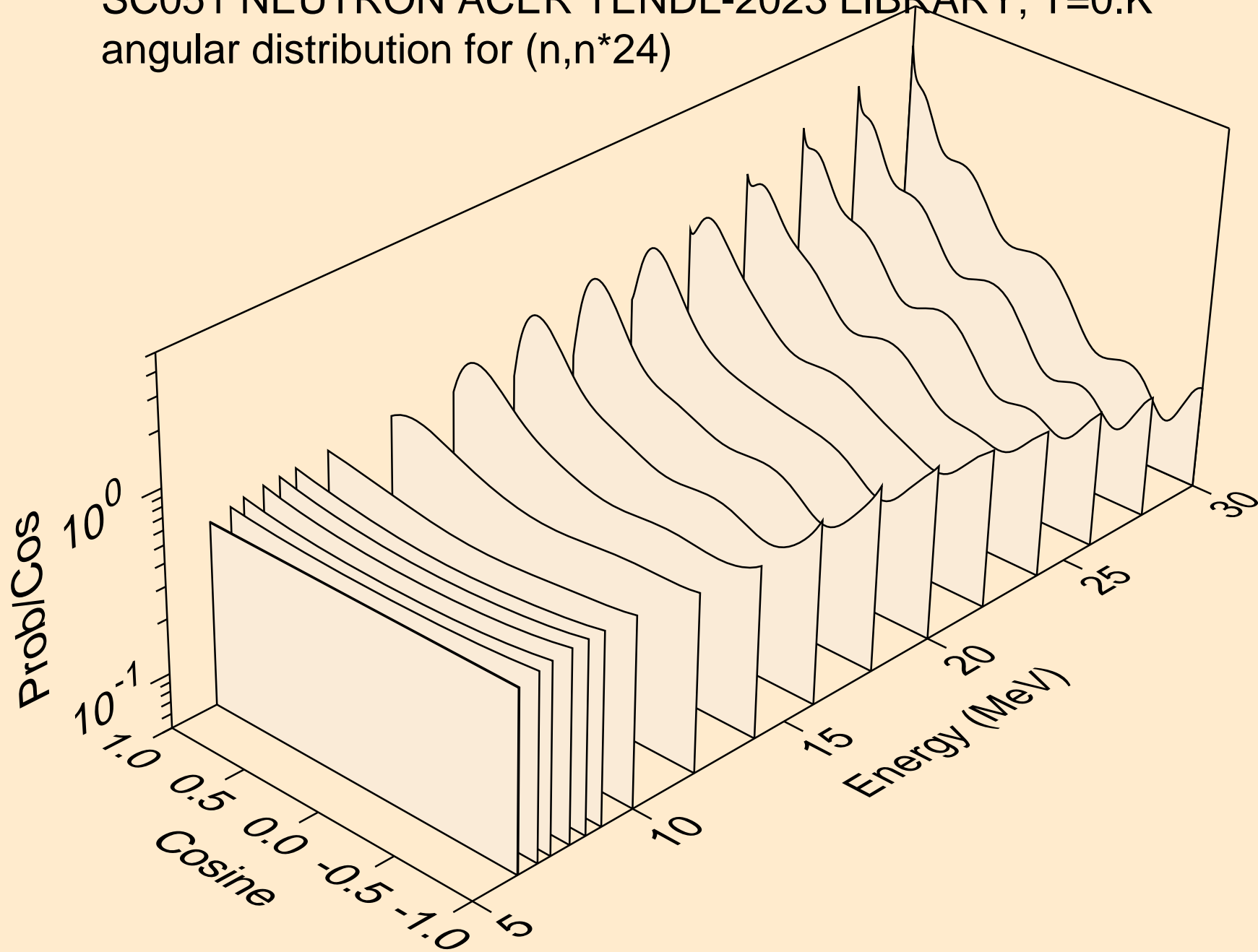
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angular distribution for (n,n\*22)



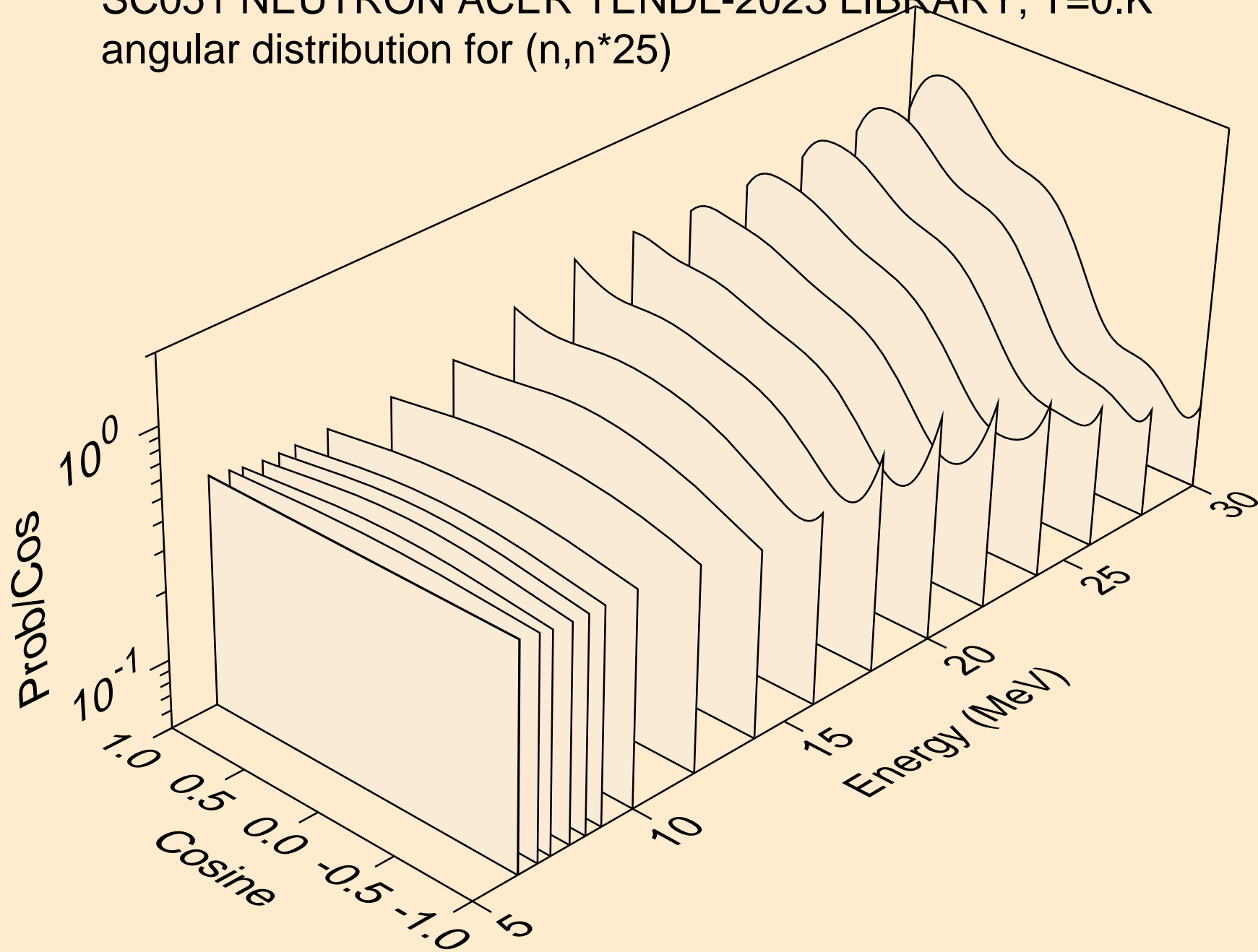
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angular distribution for (n,n\*23)



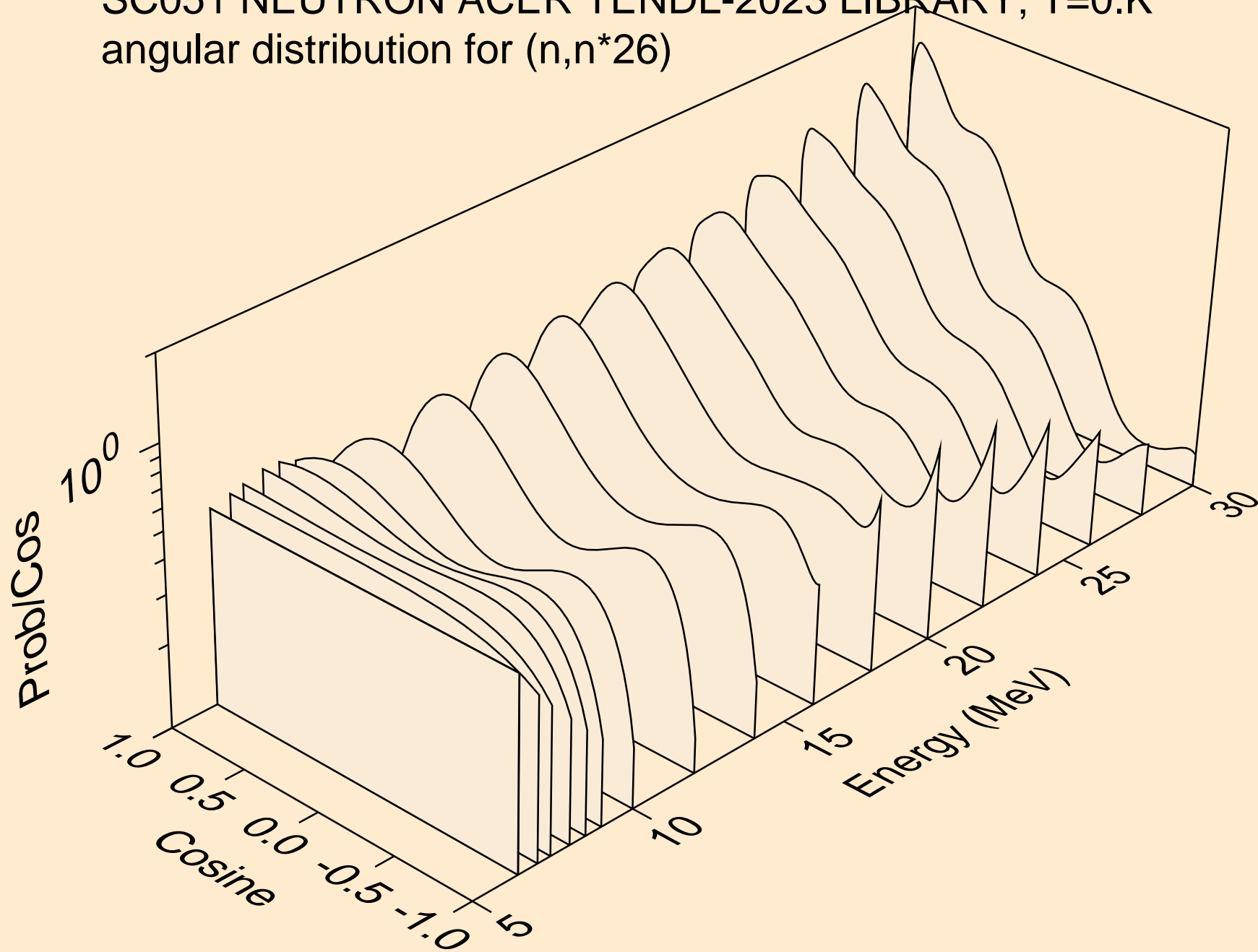
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

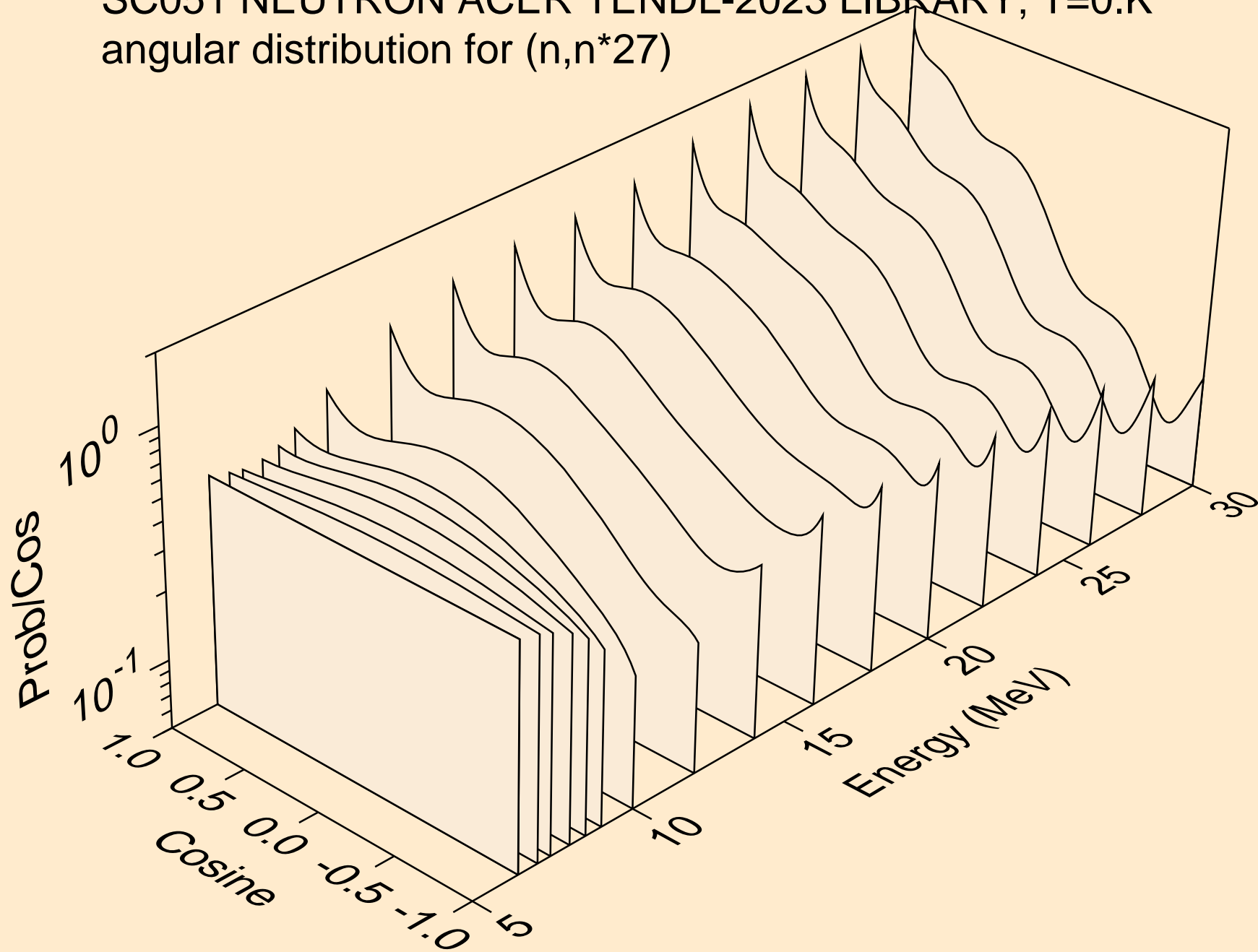


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

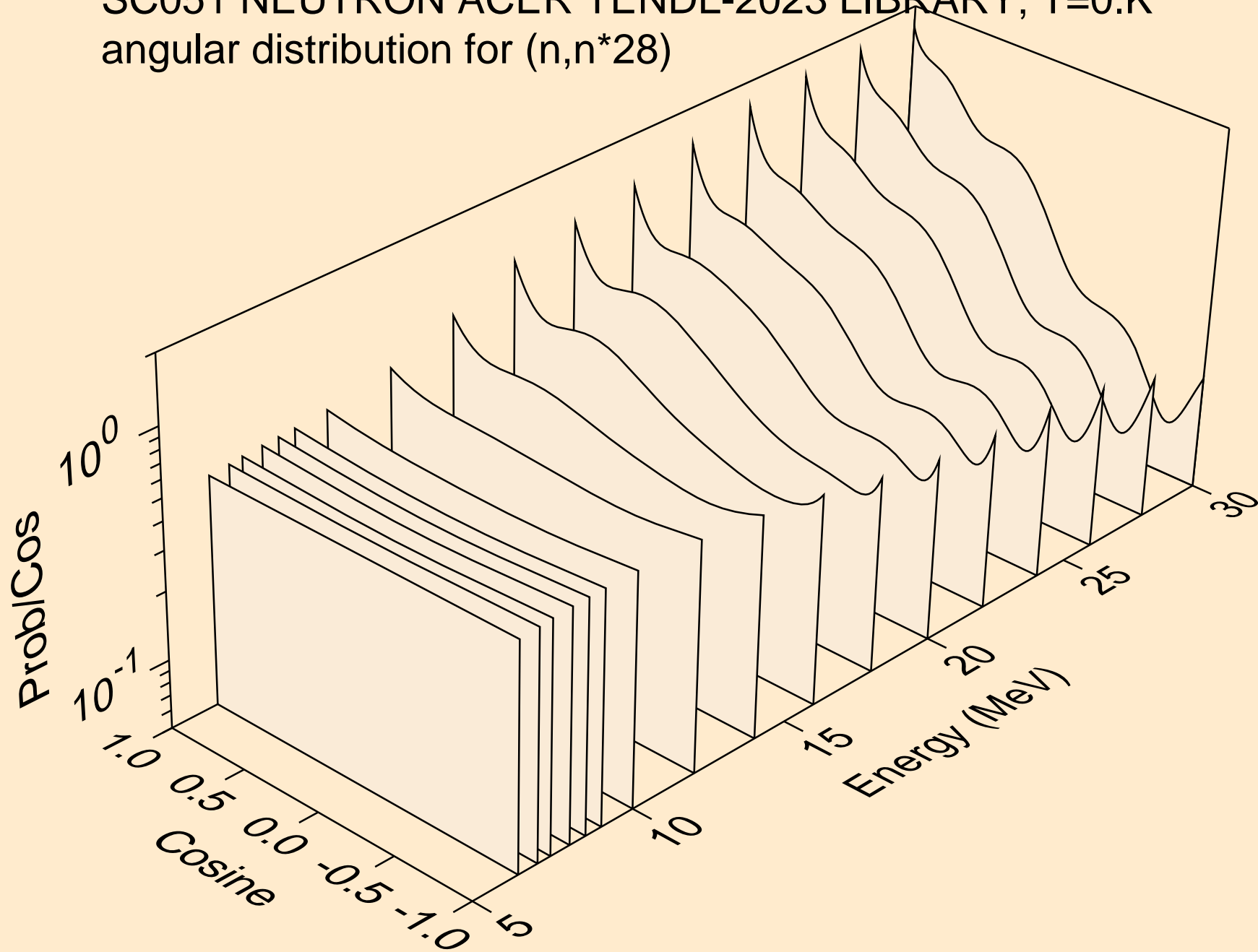




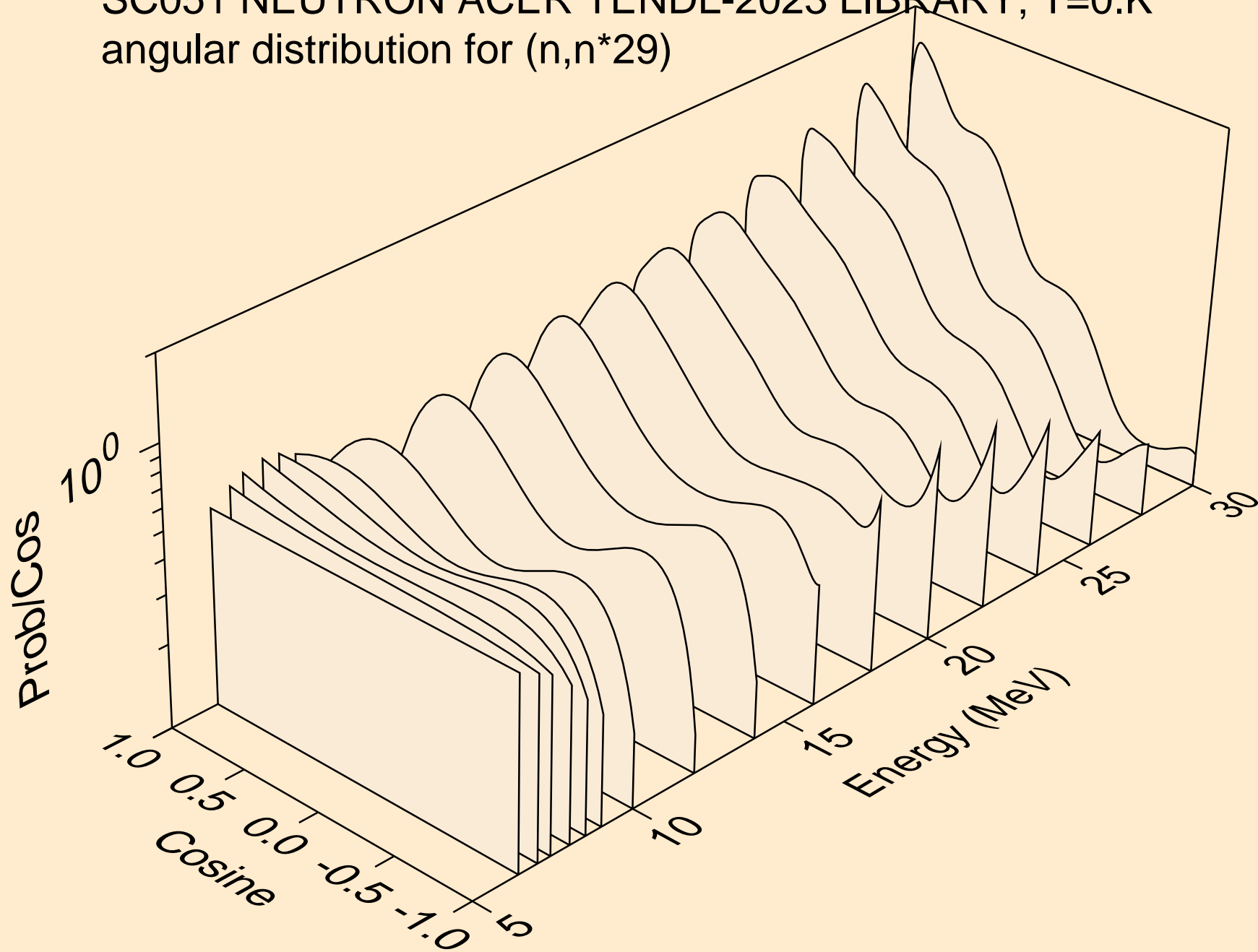
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angular distribution for (n,n\*27)



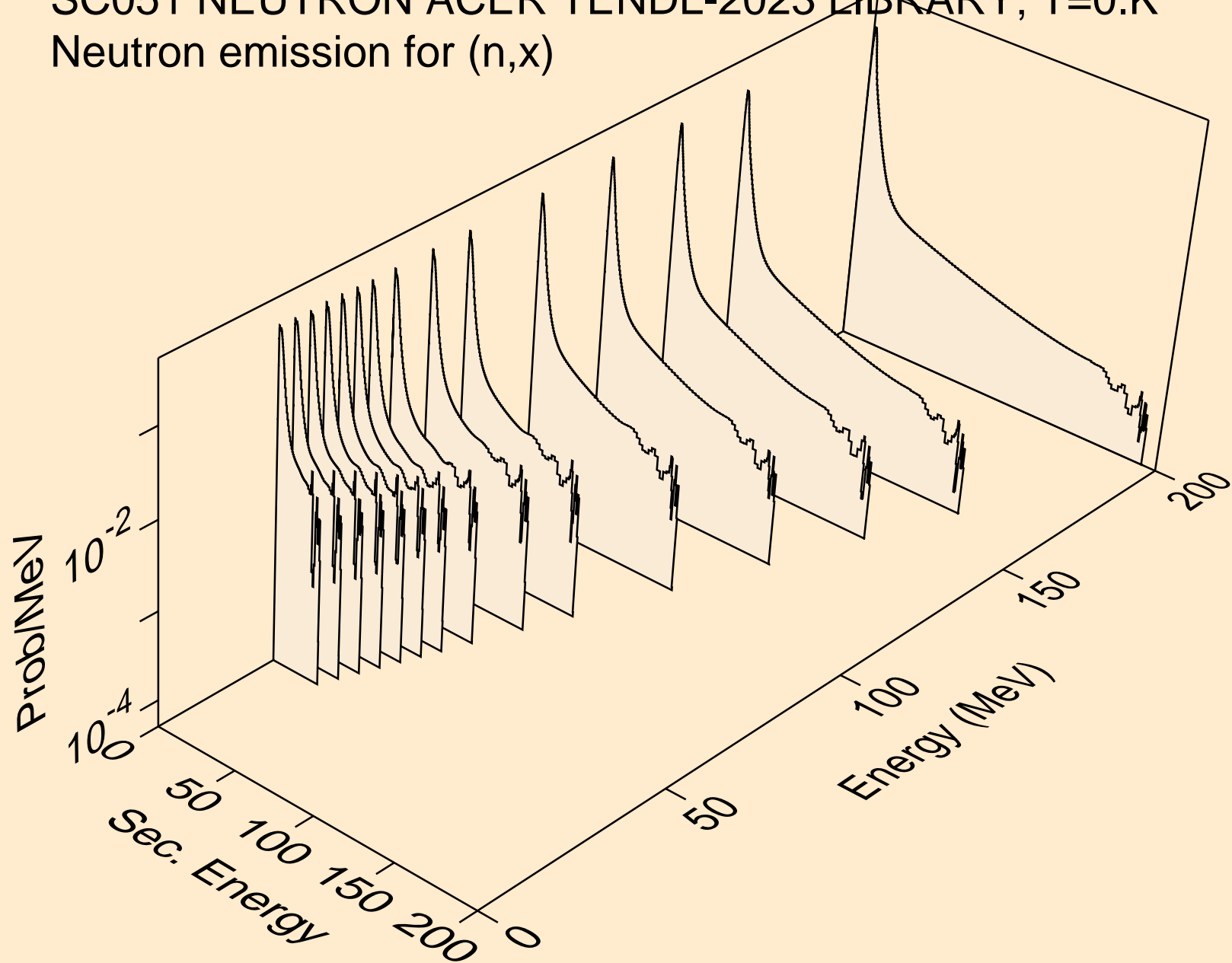
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angular distribution for (n,n\*28)



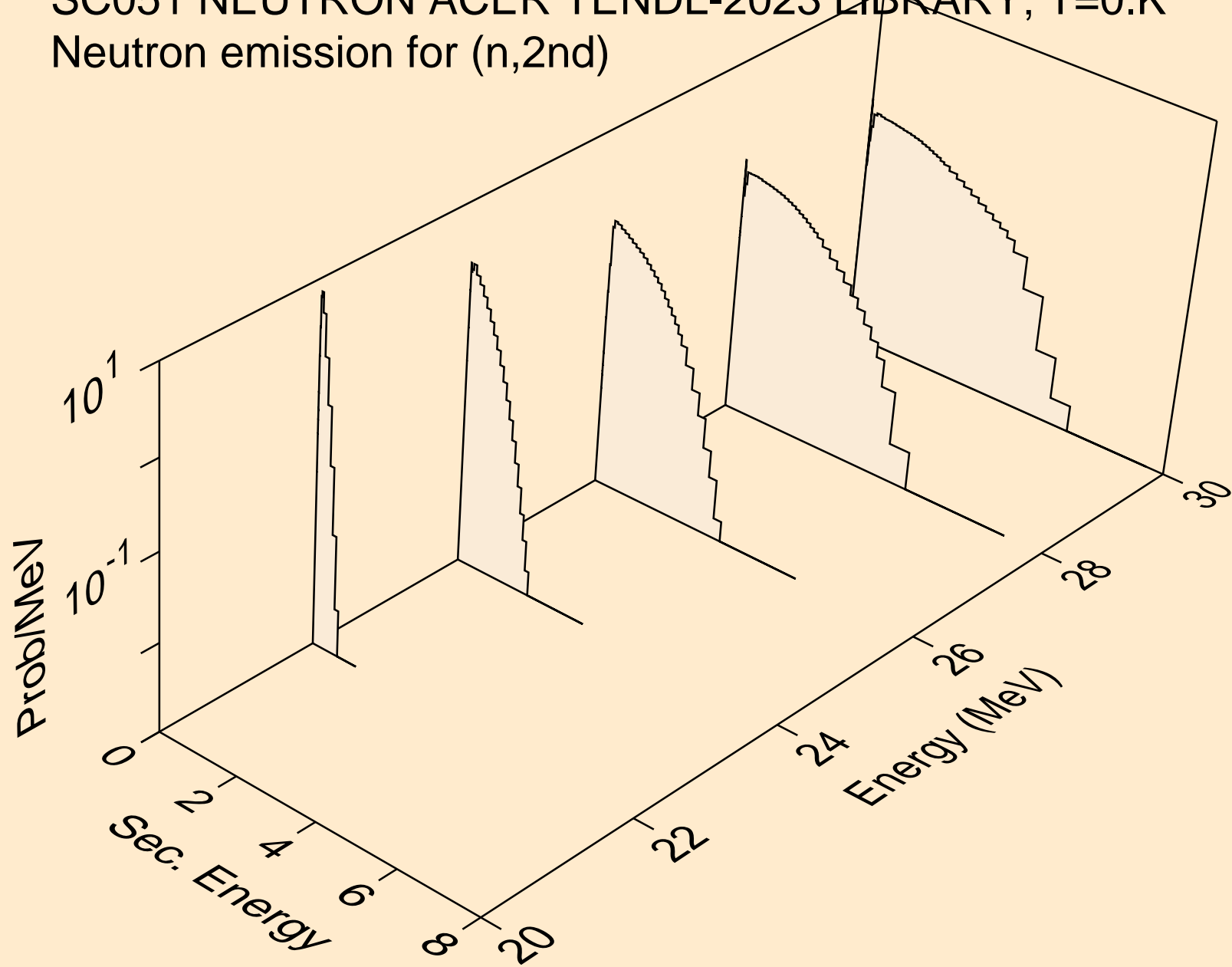
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angular distribution for (n,n\*29)



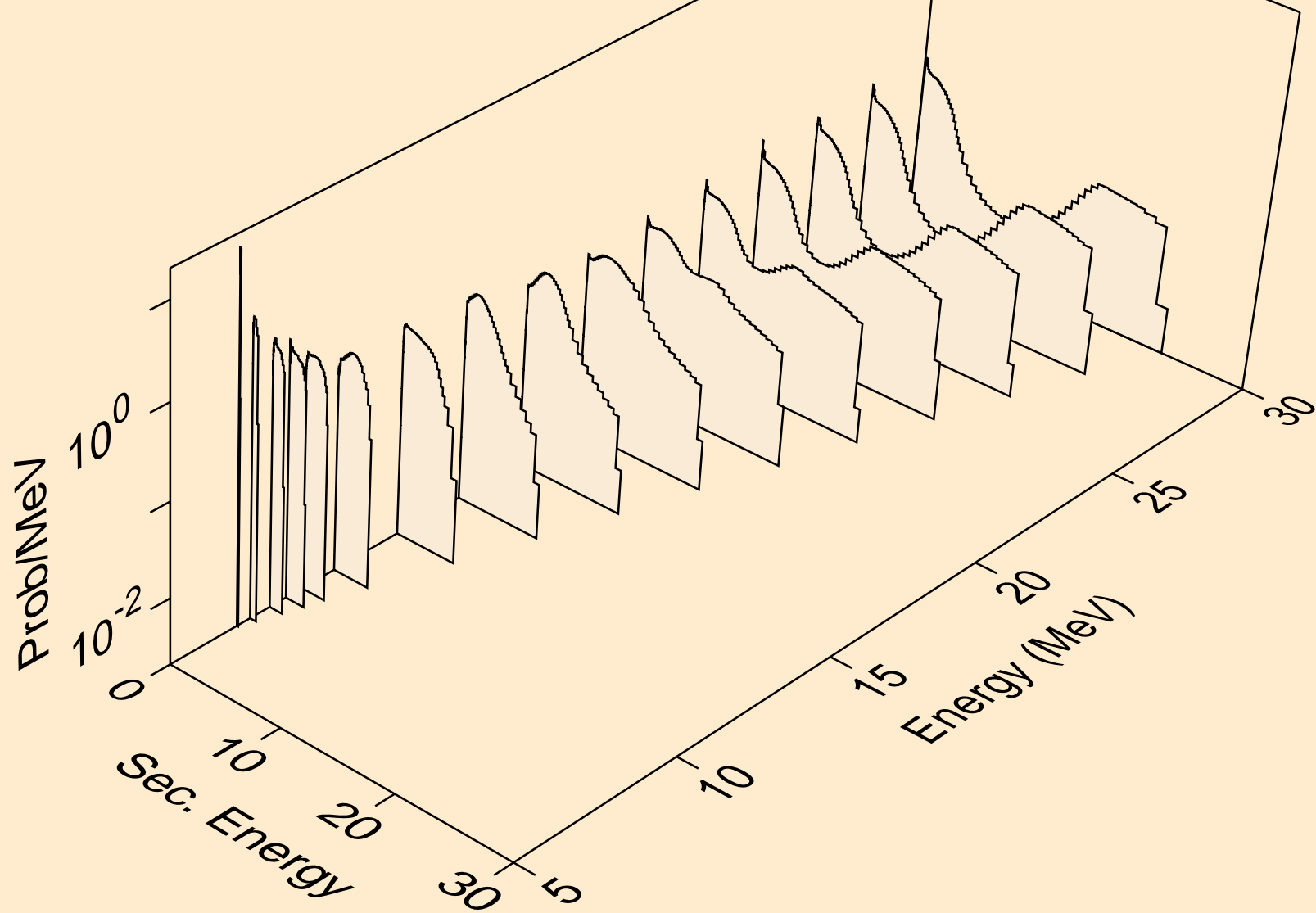
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



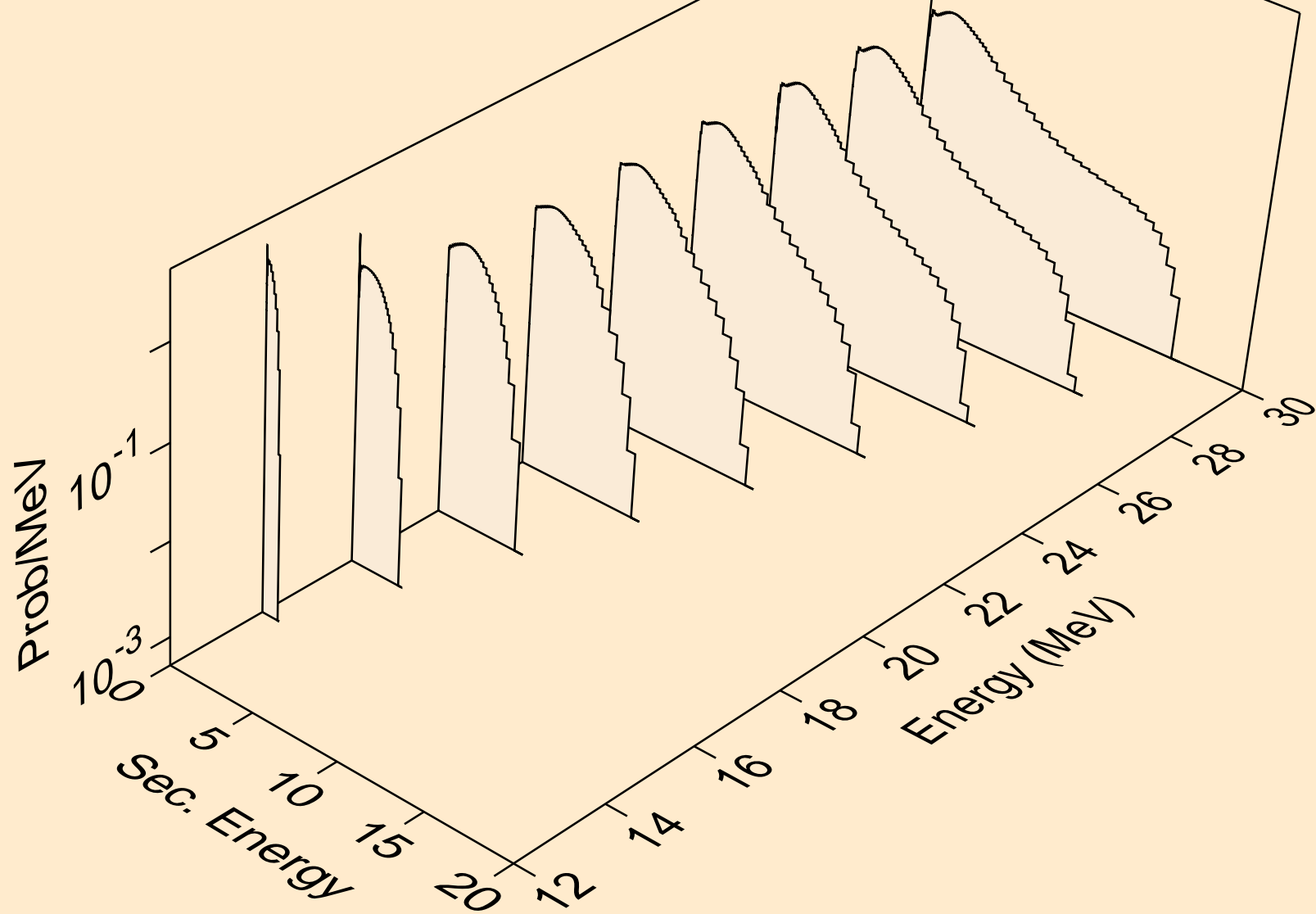
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



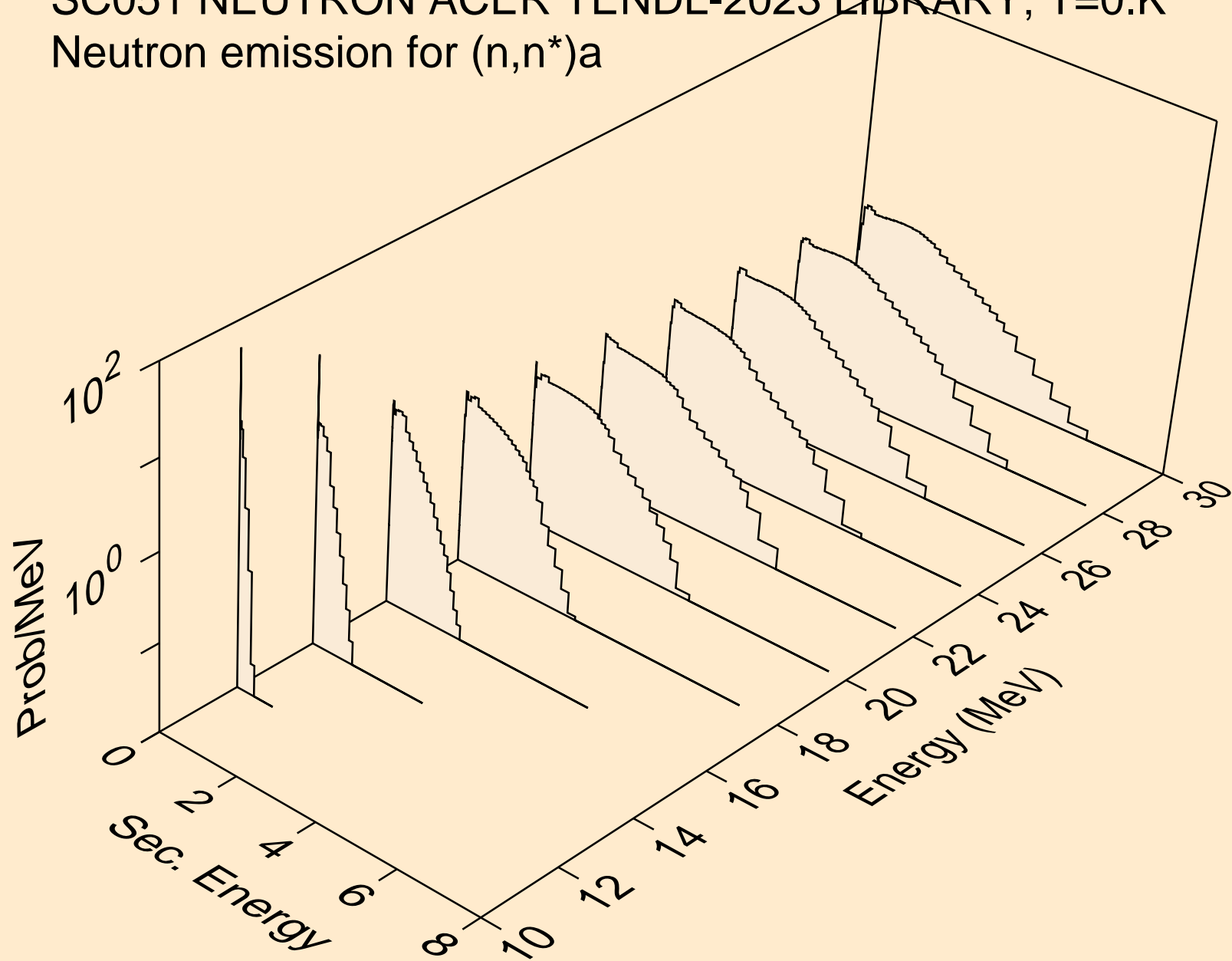
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

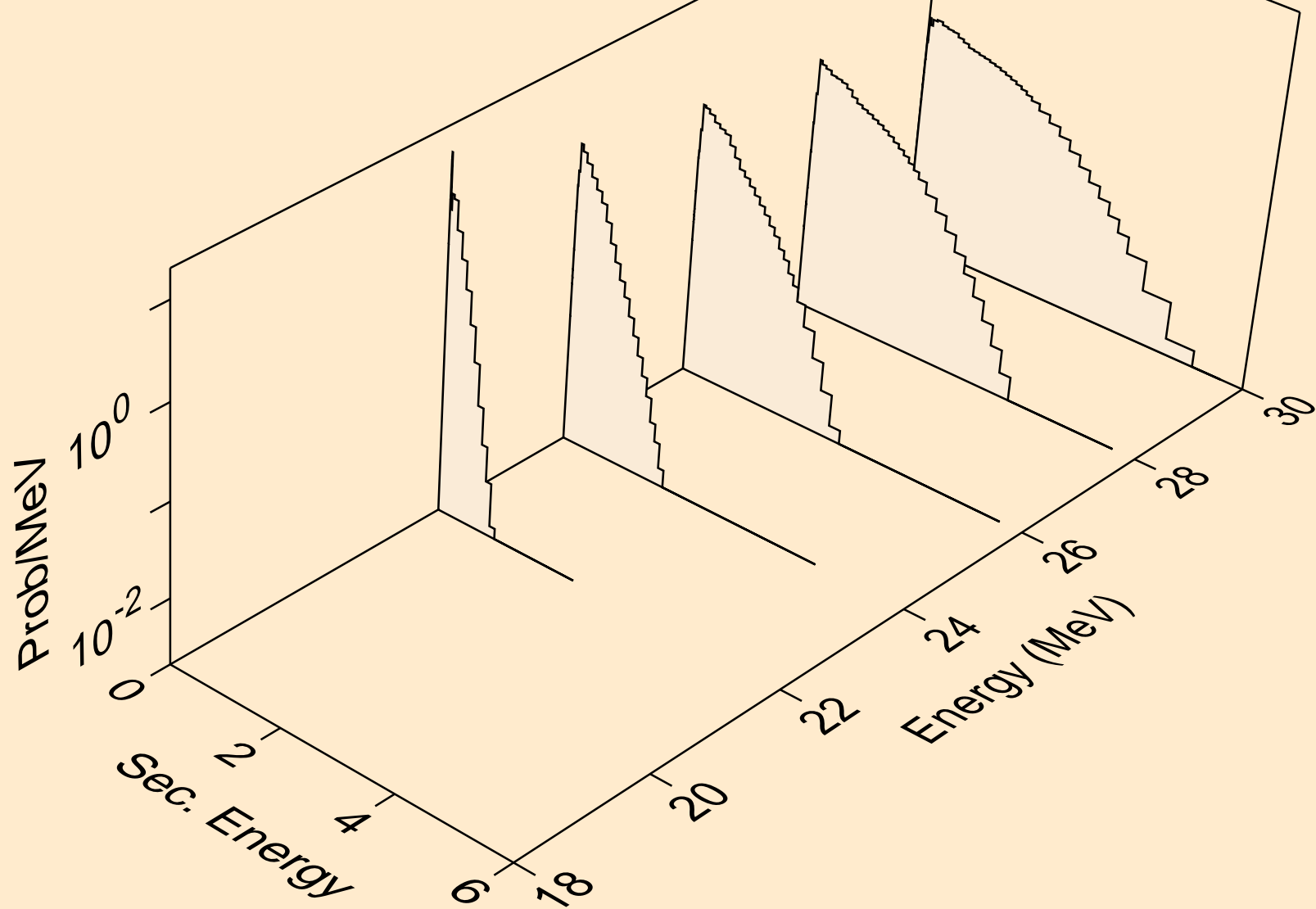


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

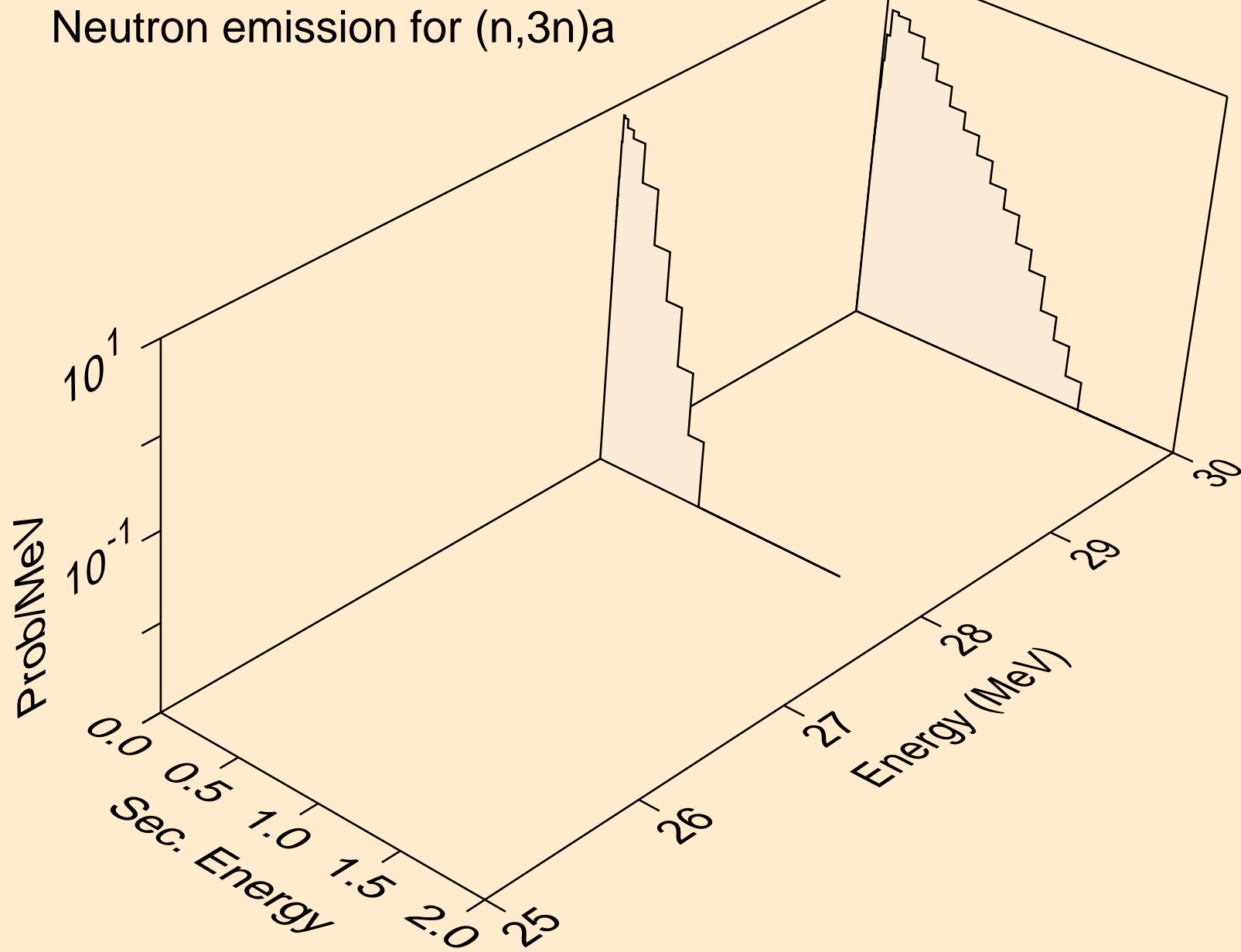




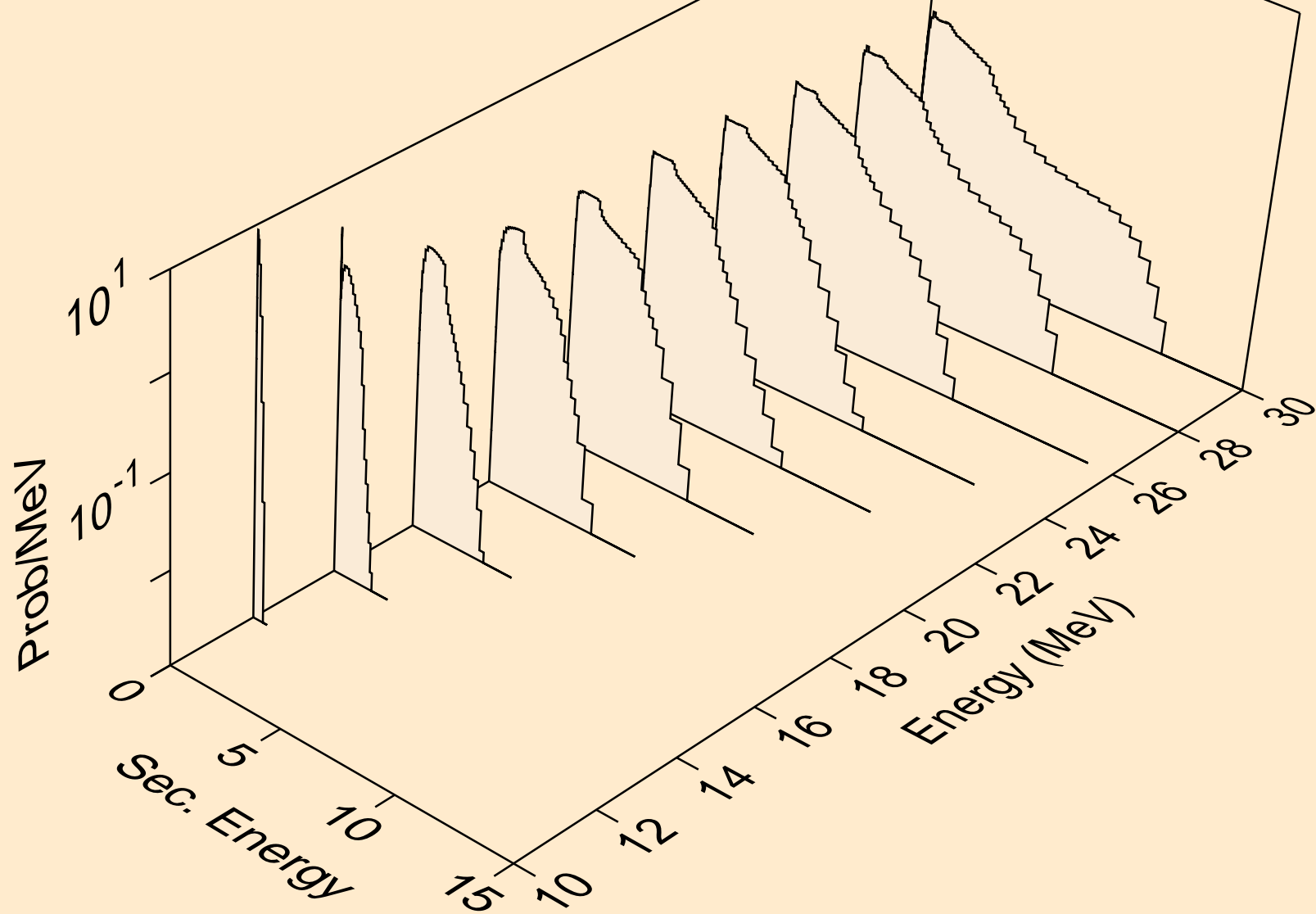
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



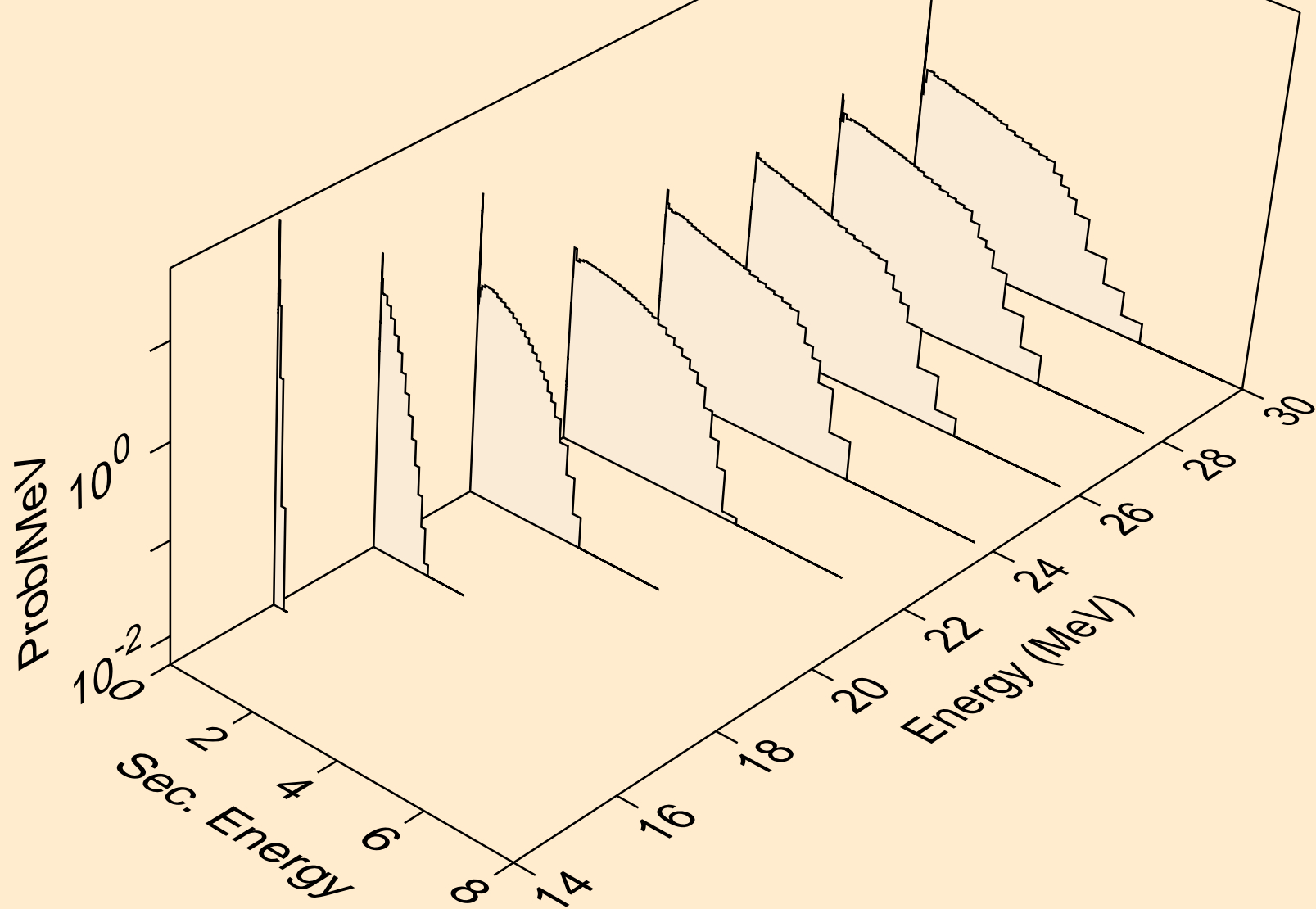
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



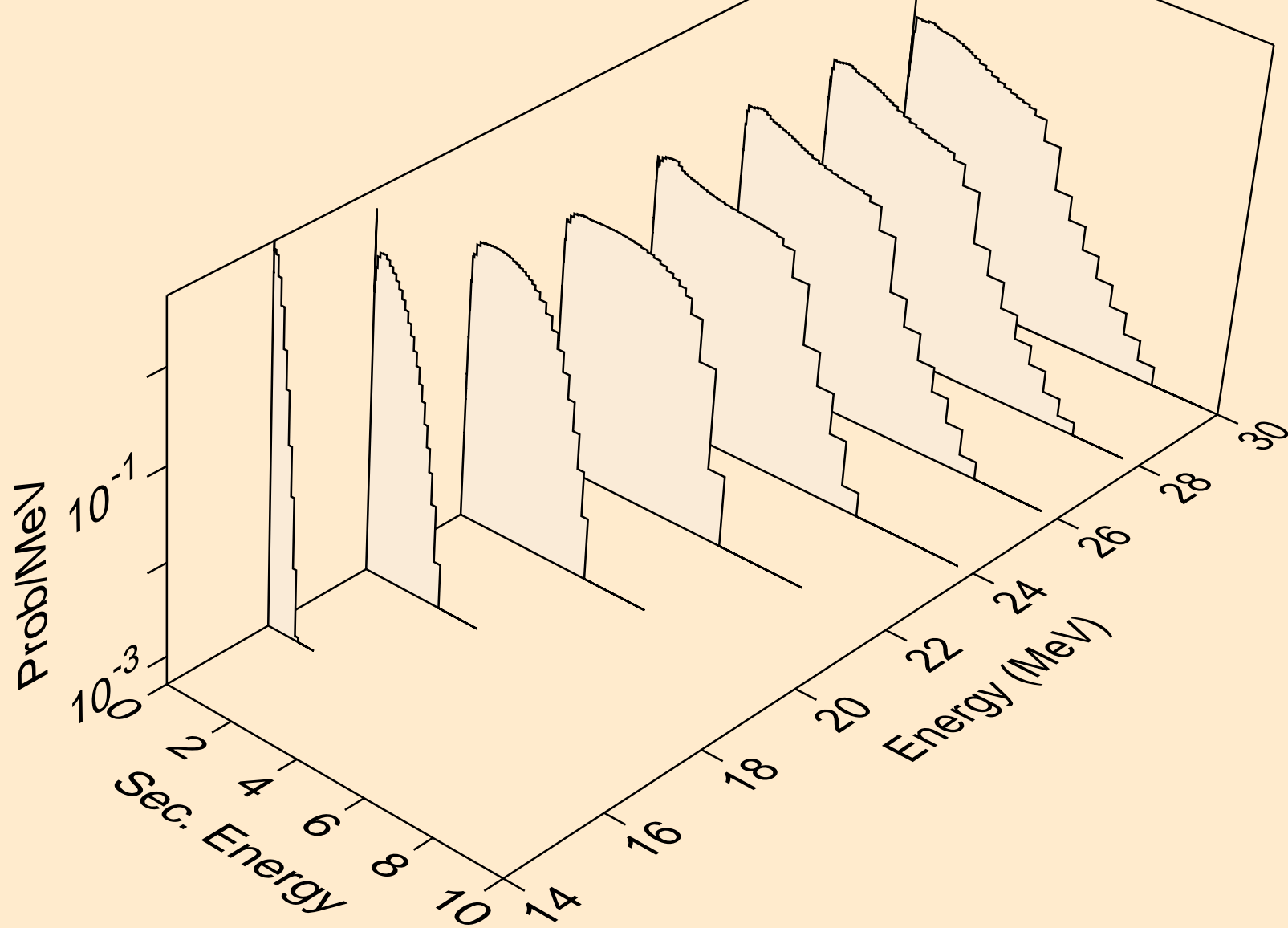
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



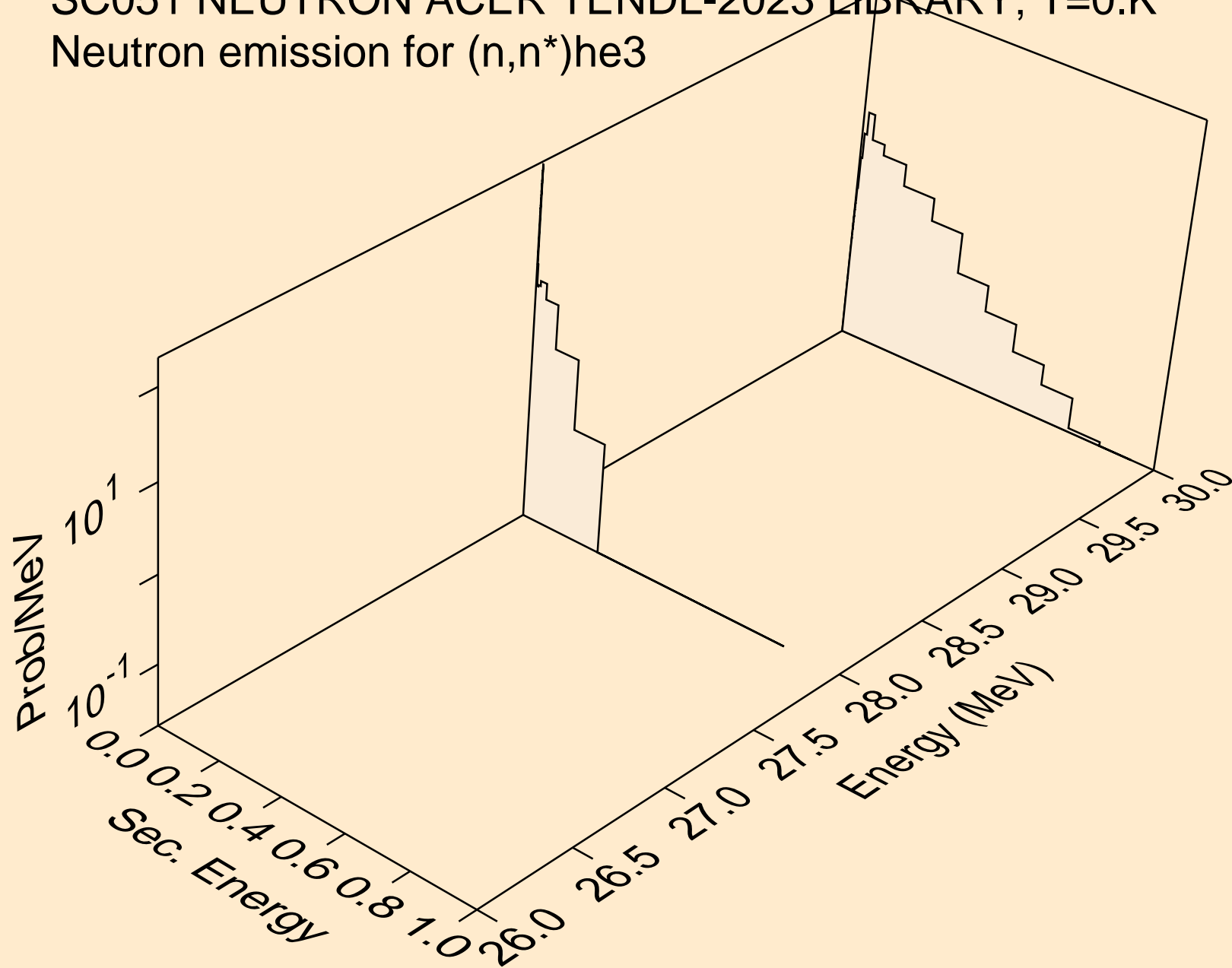
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



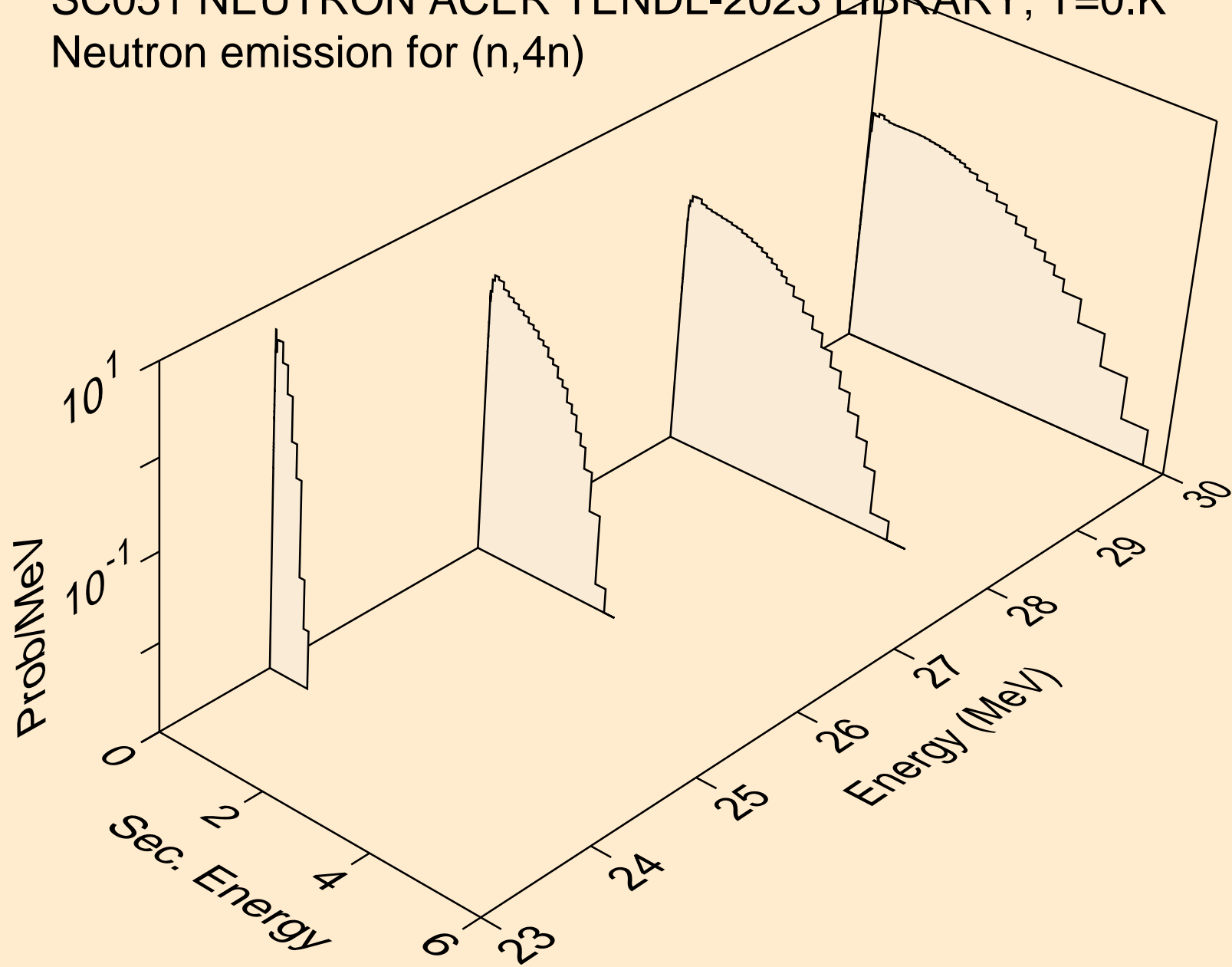
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



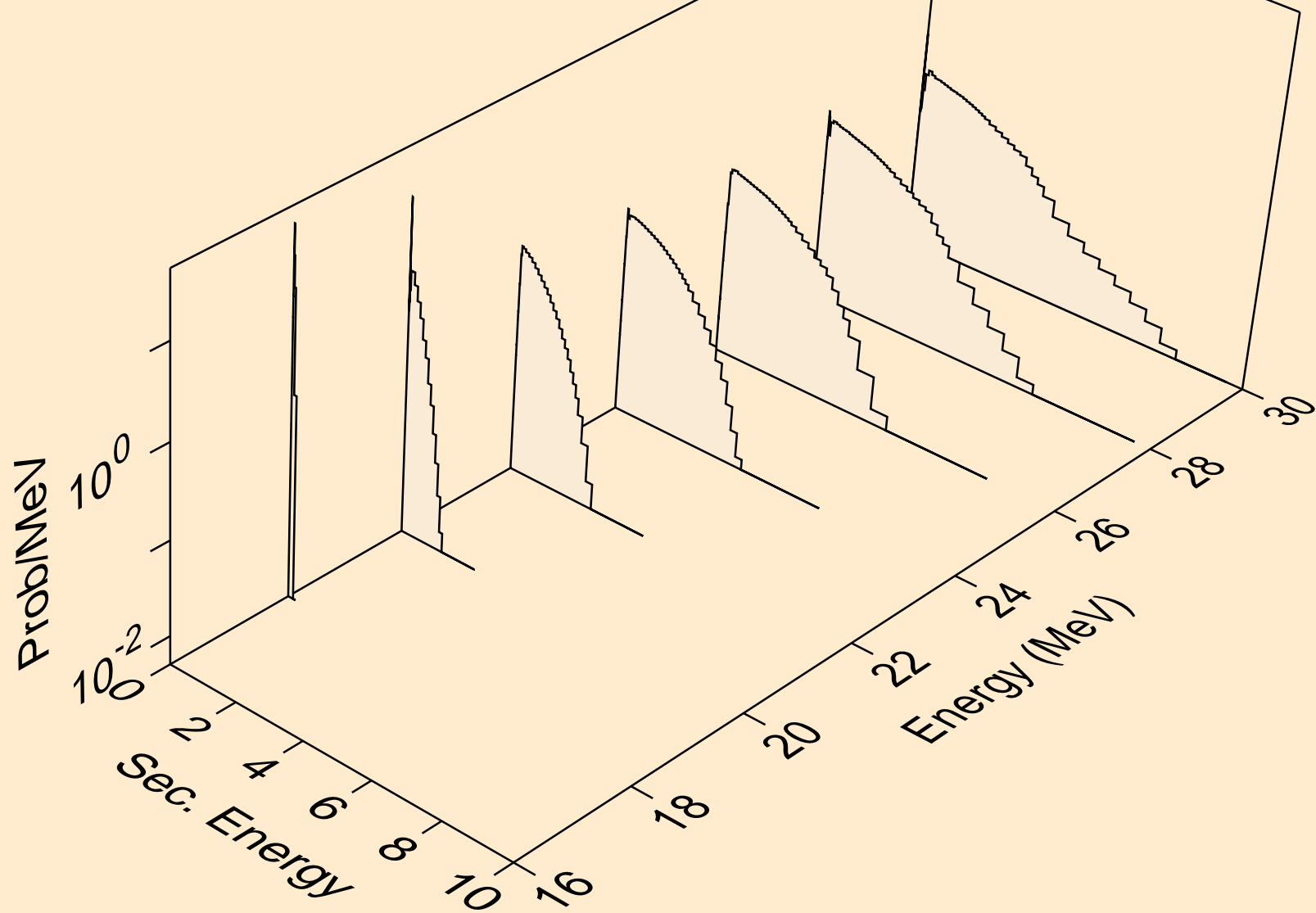
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

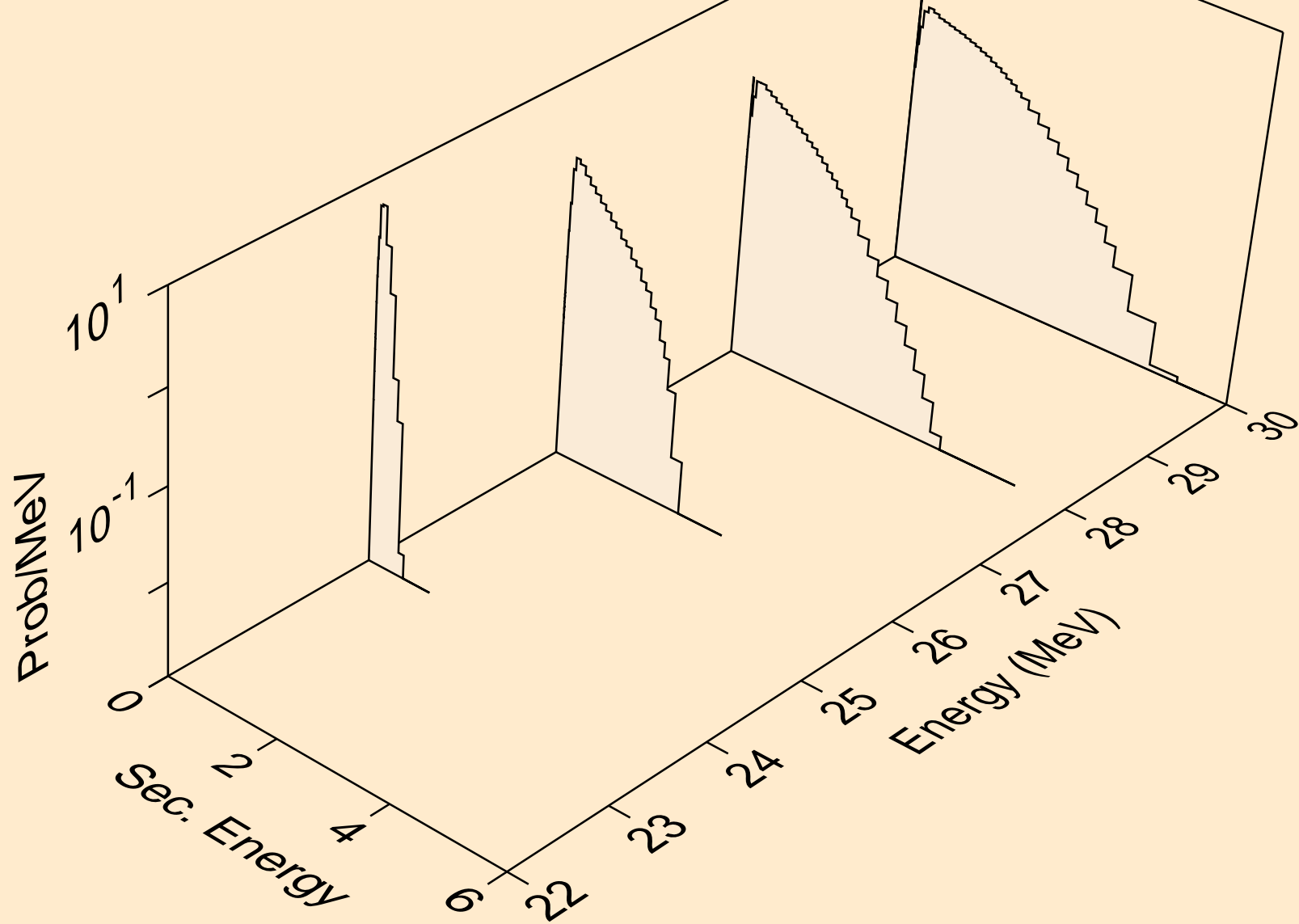


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

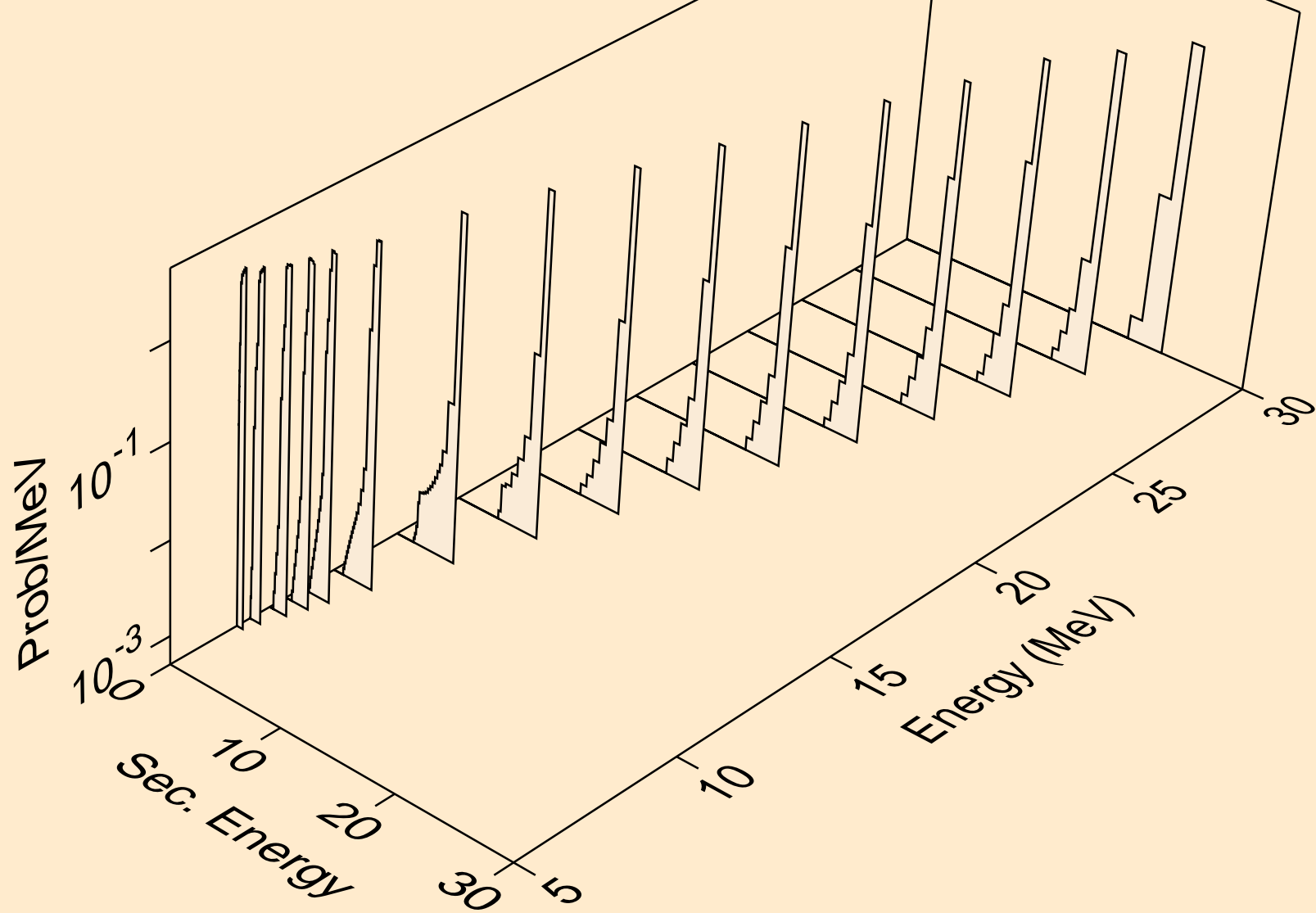




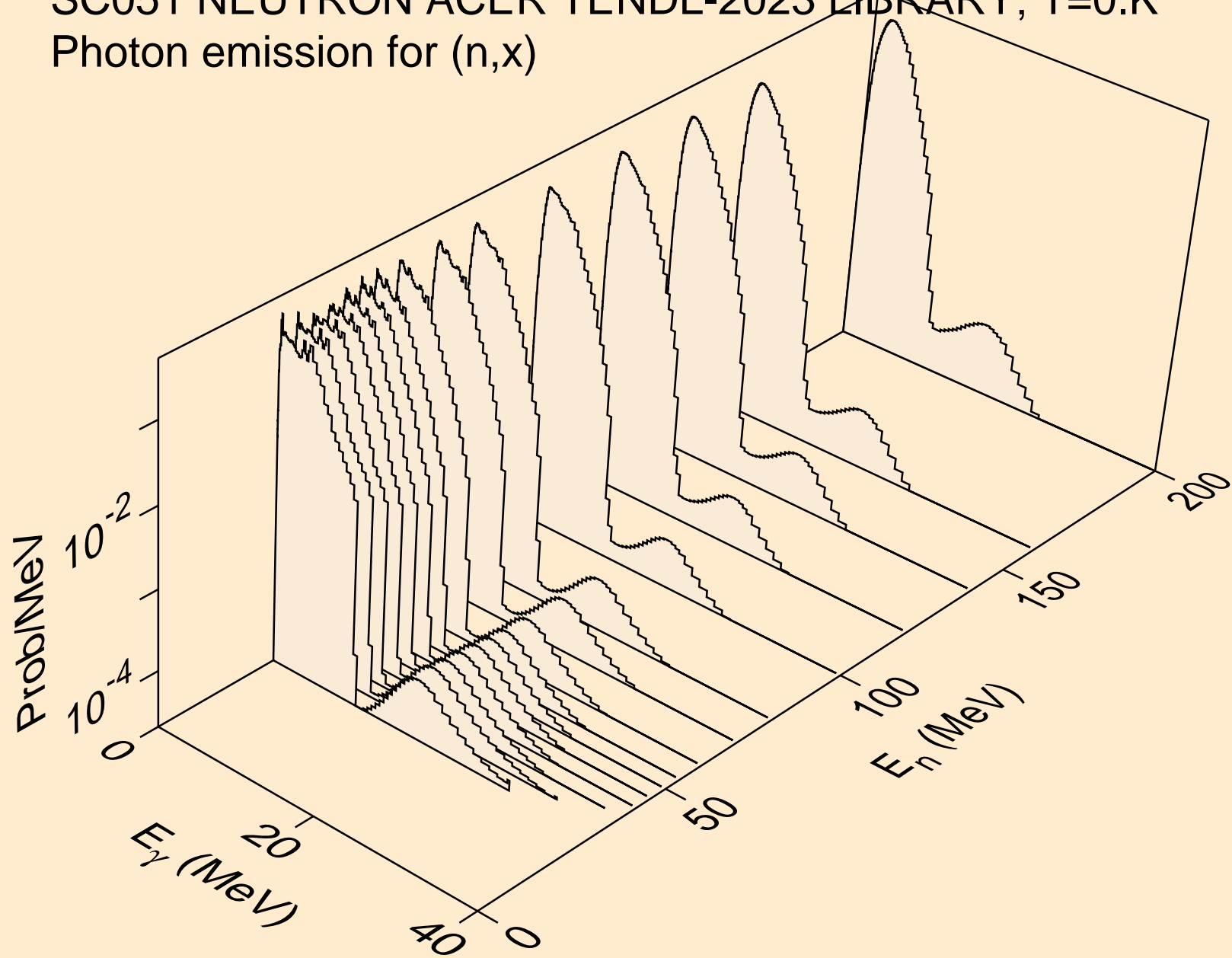
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Neutron emission for (n,3np)



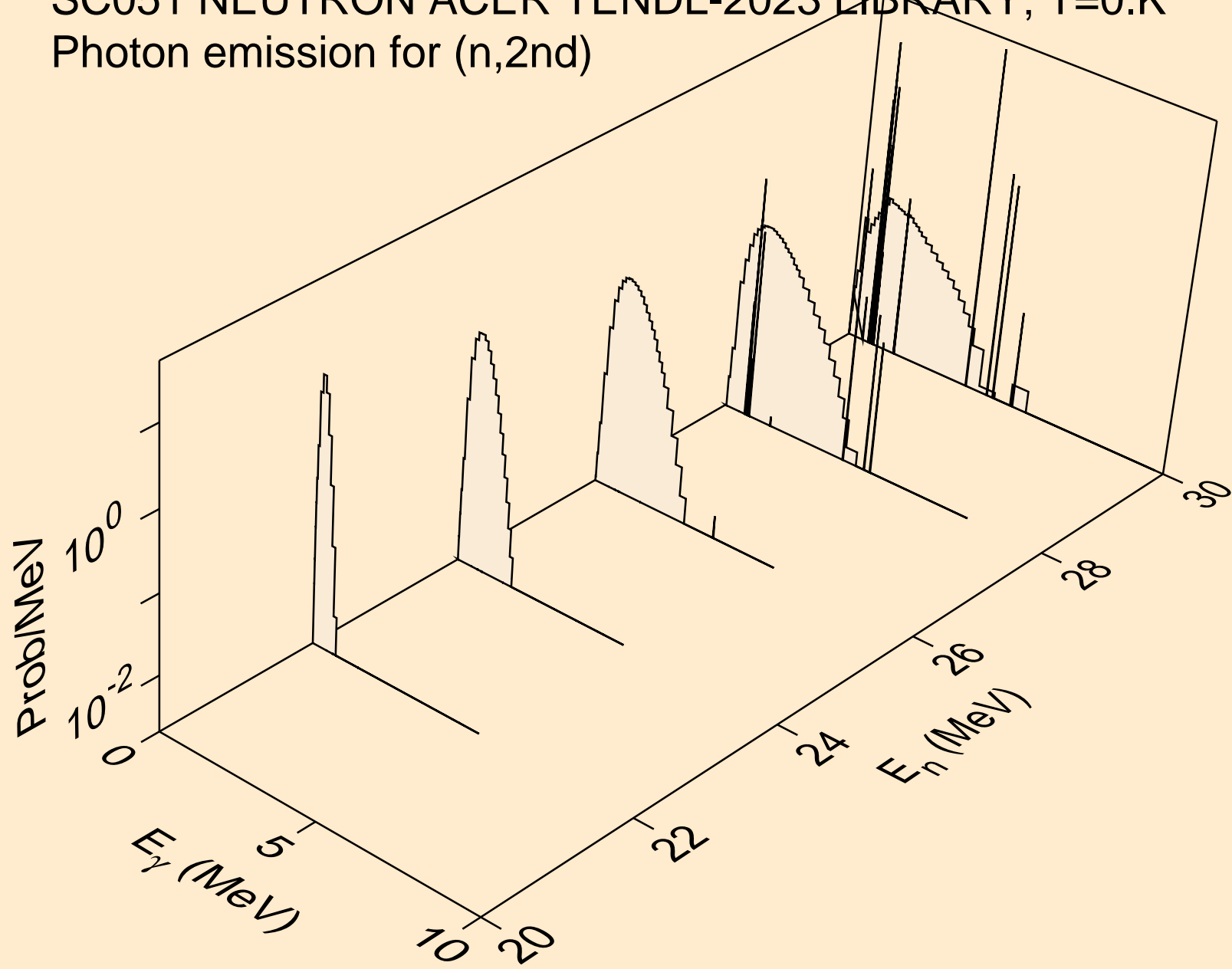
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Neutron emission for (n,n\*c)



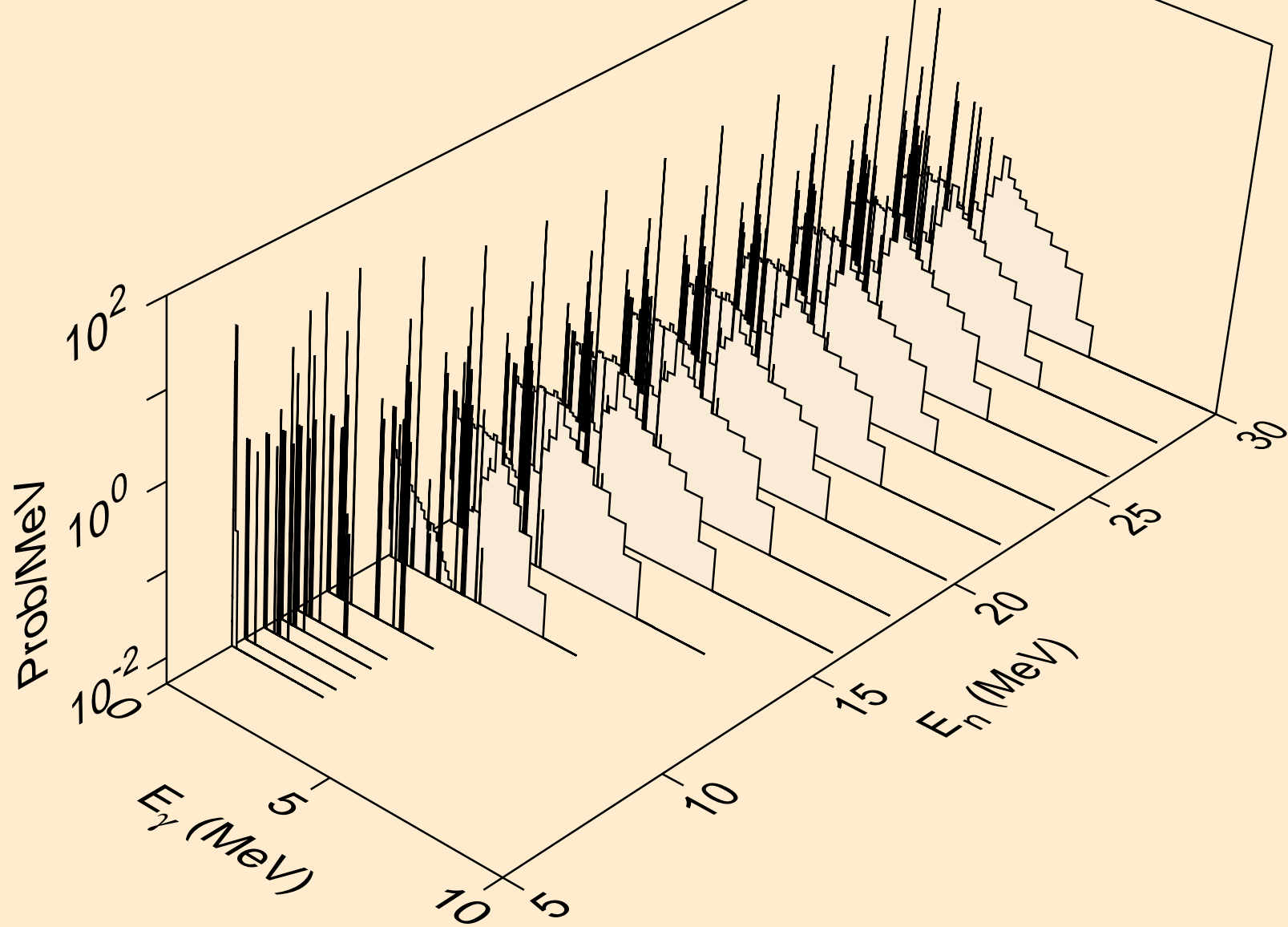
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



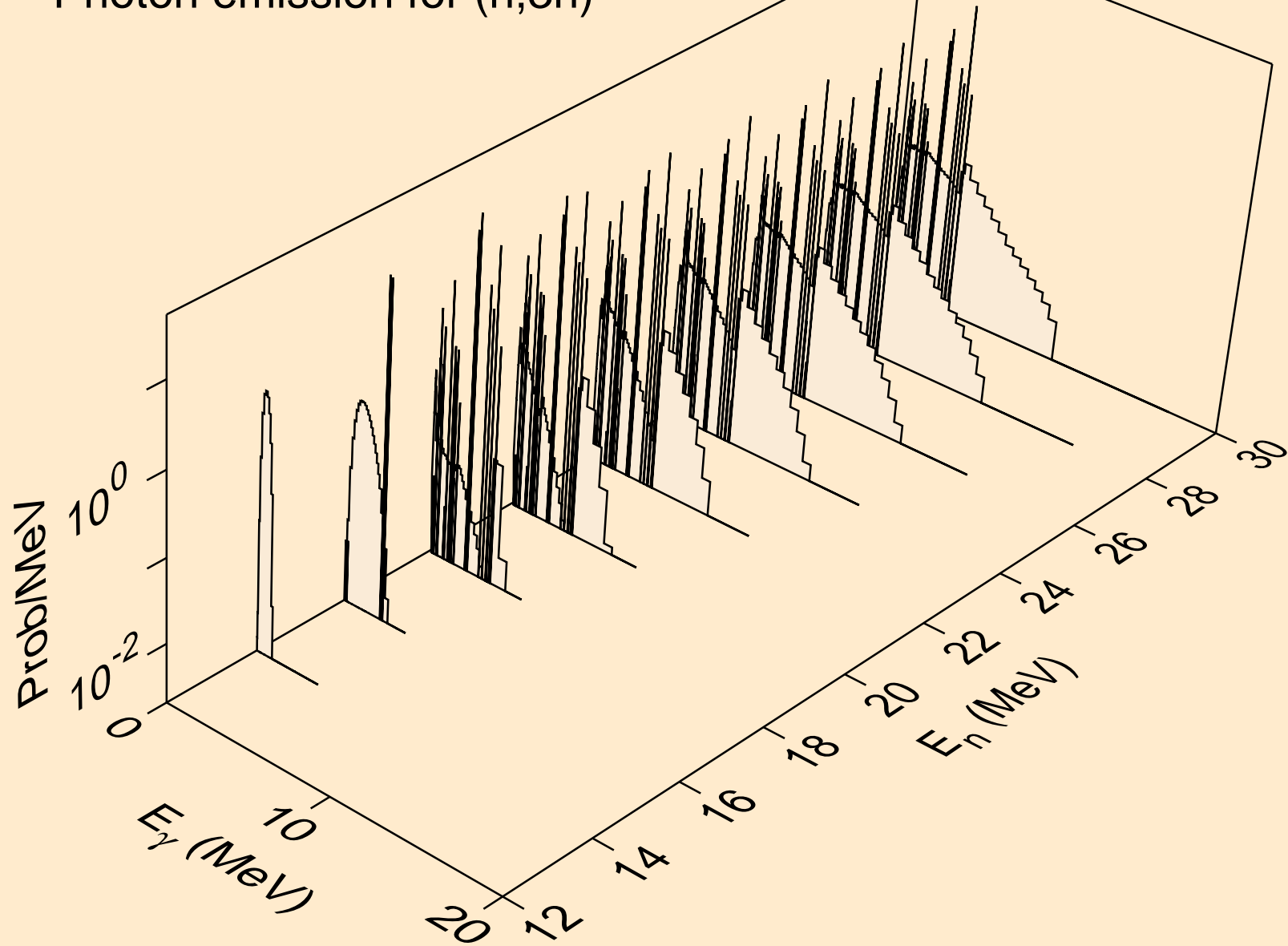
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



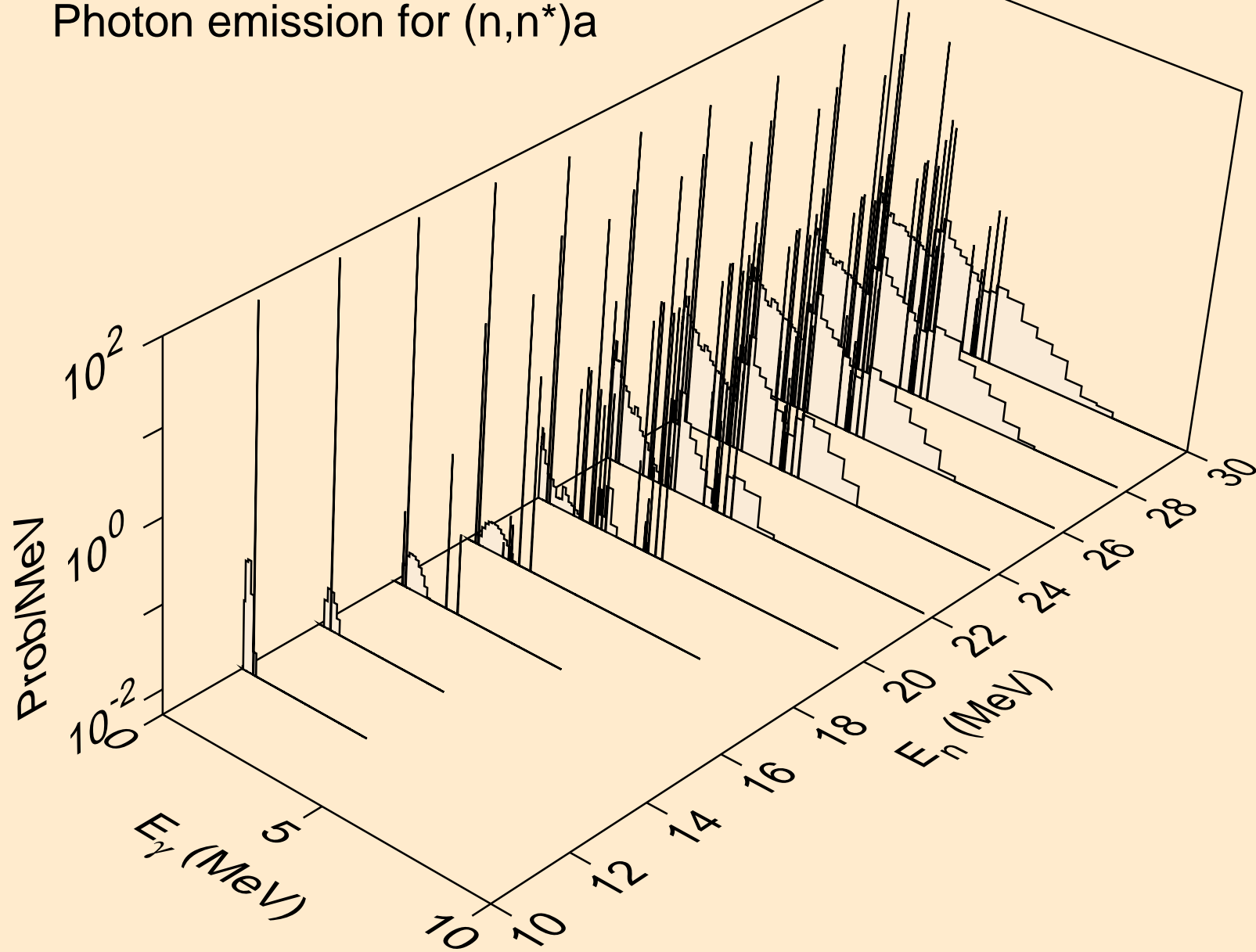
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



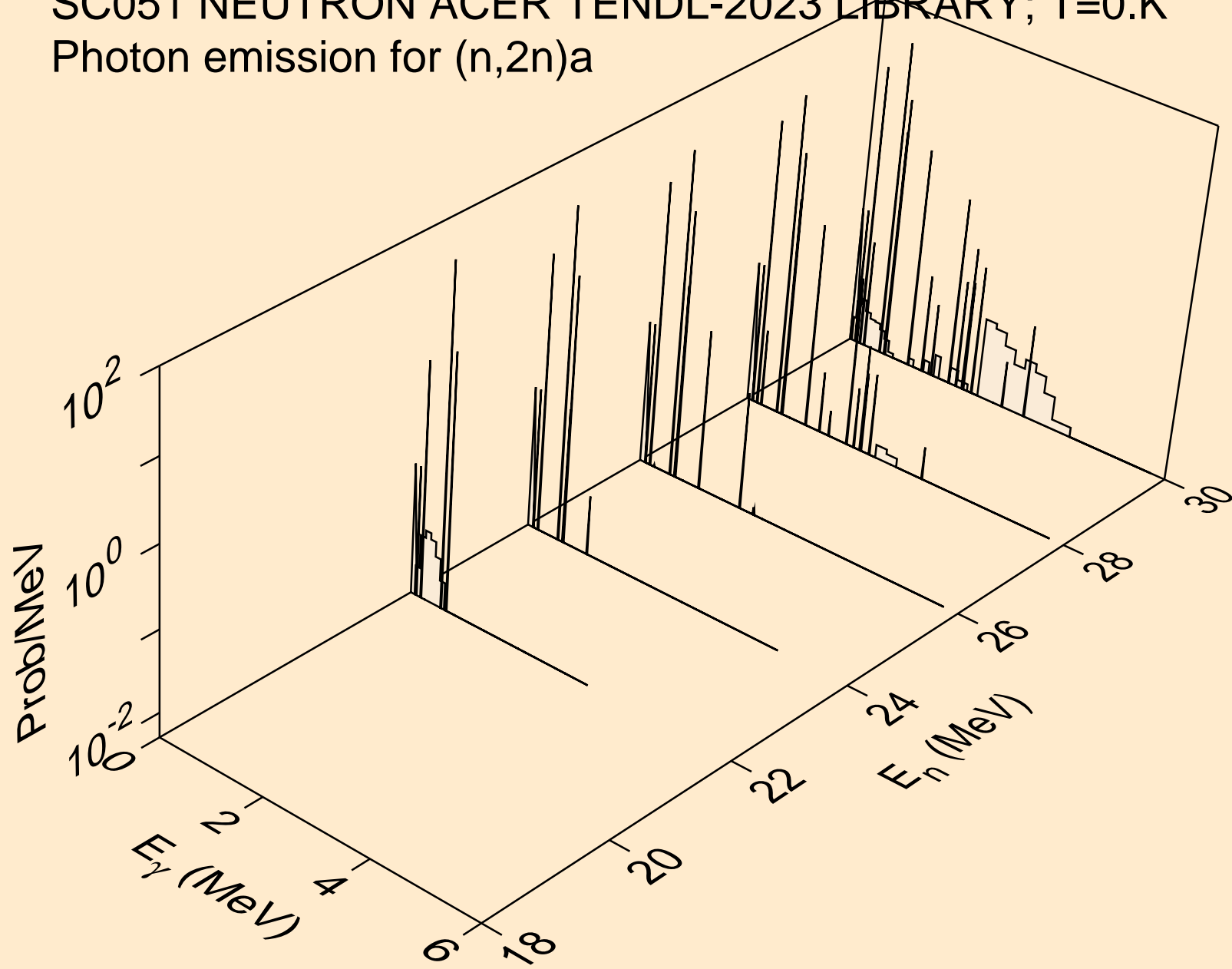
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

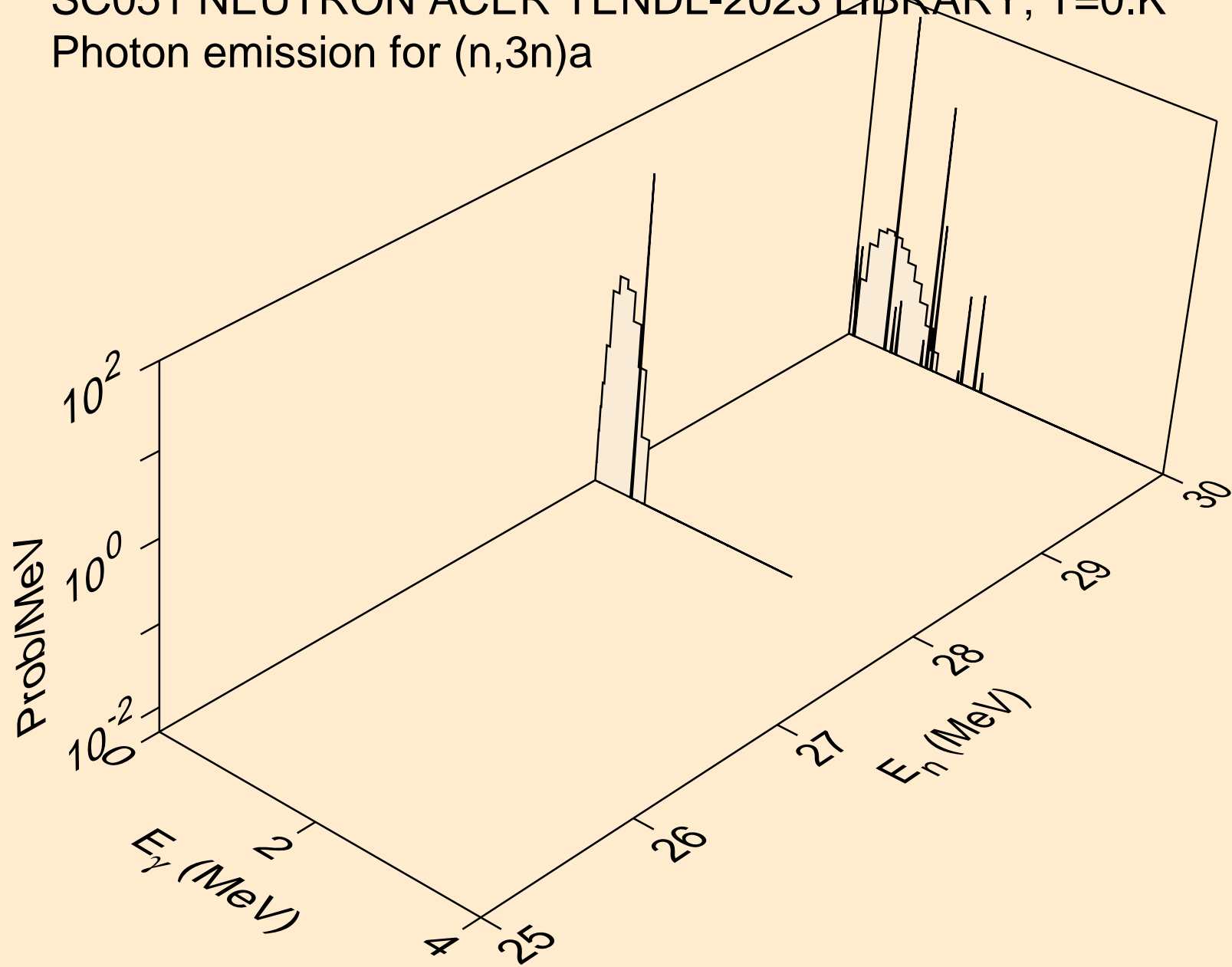


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

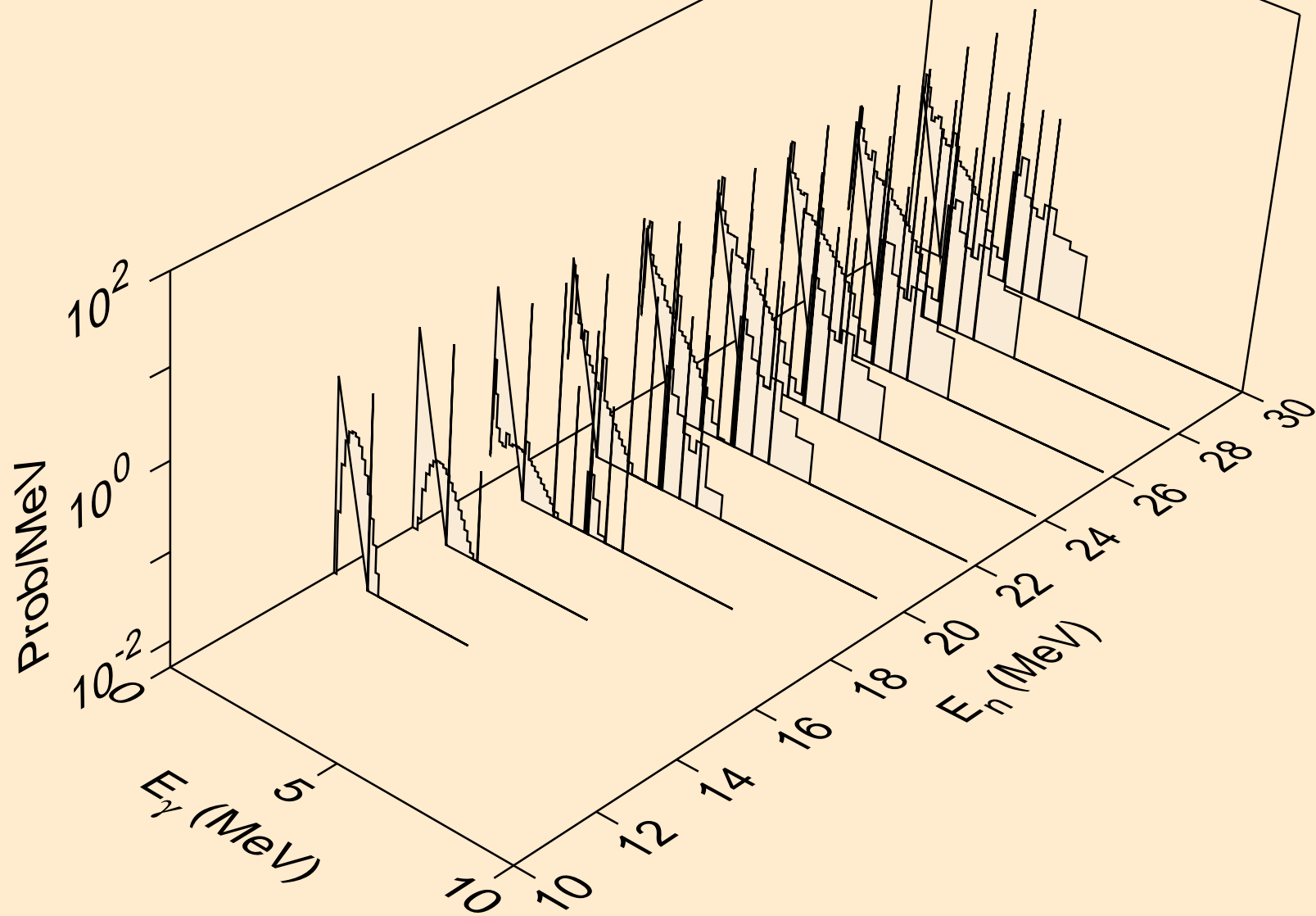




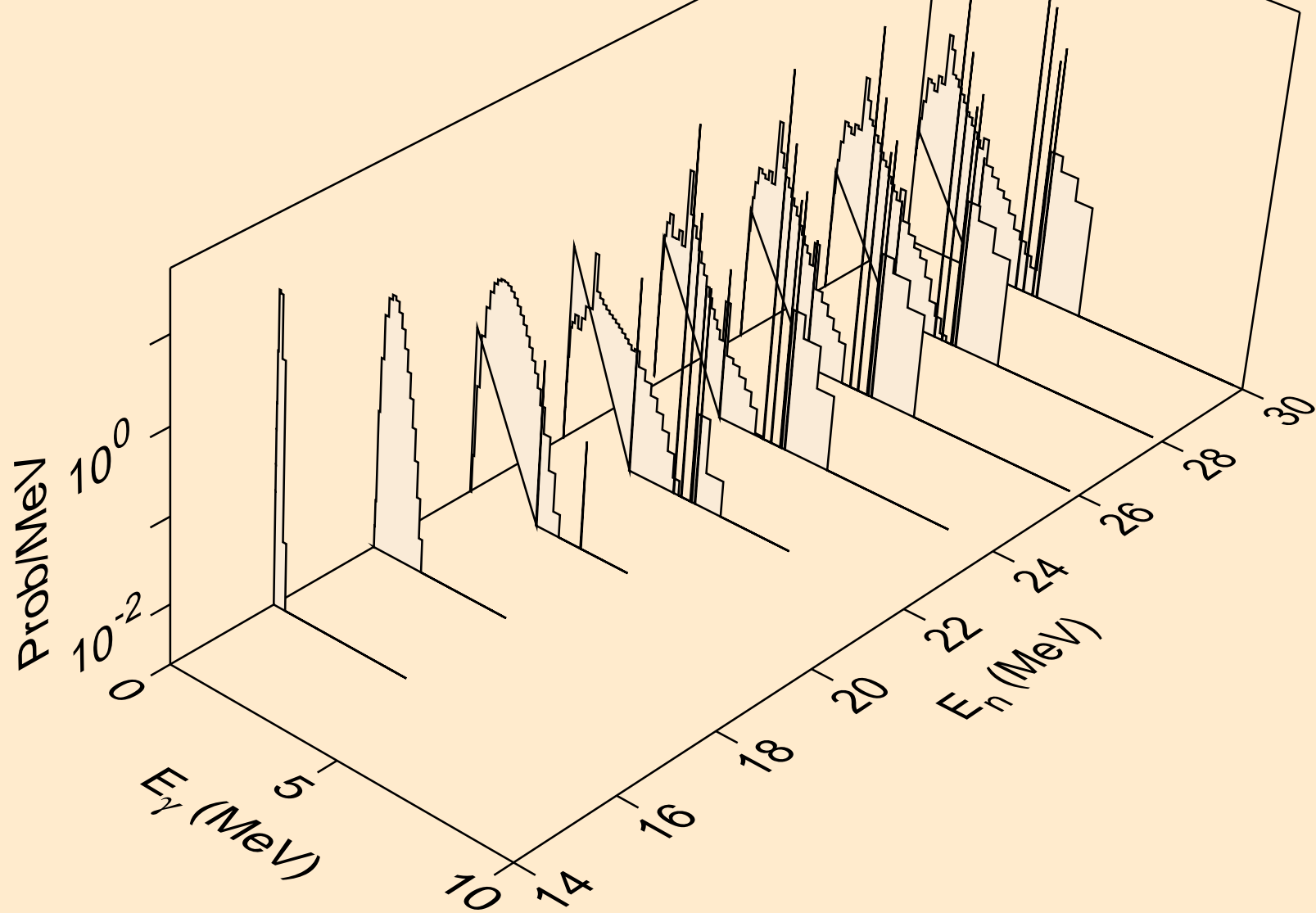
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



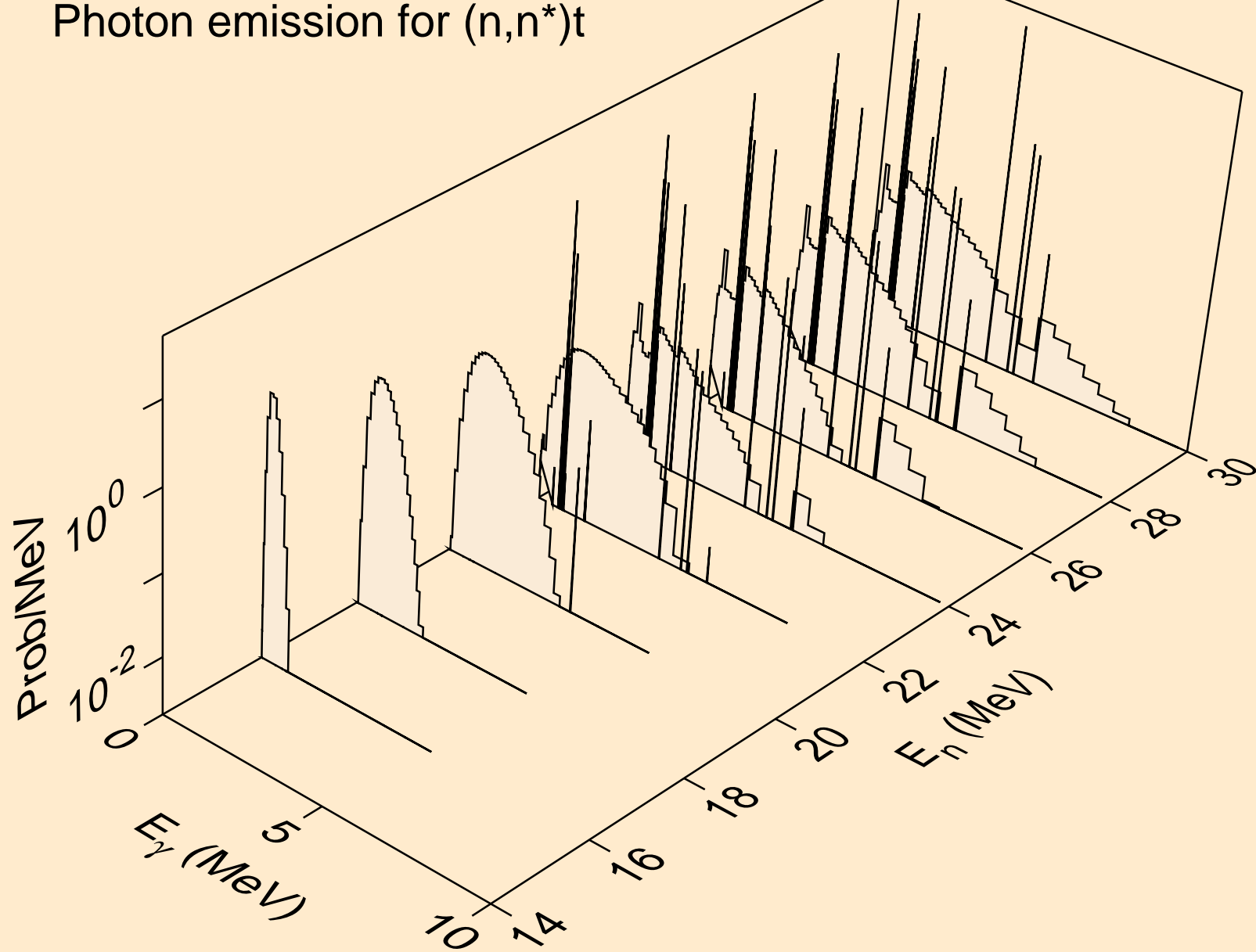
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



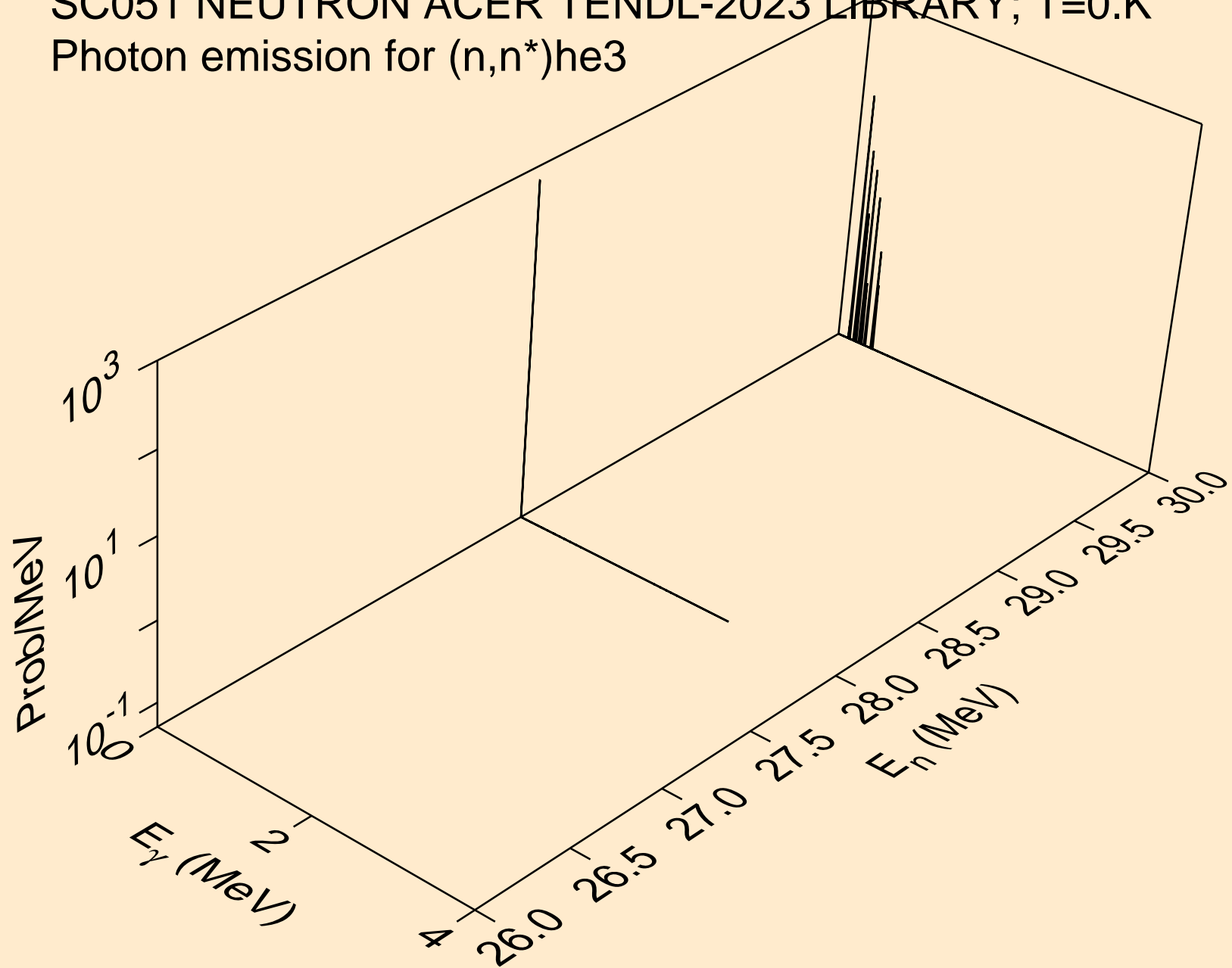
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



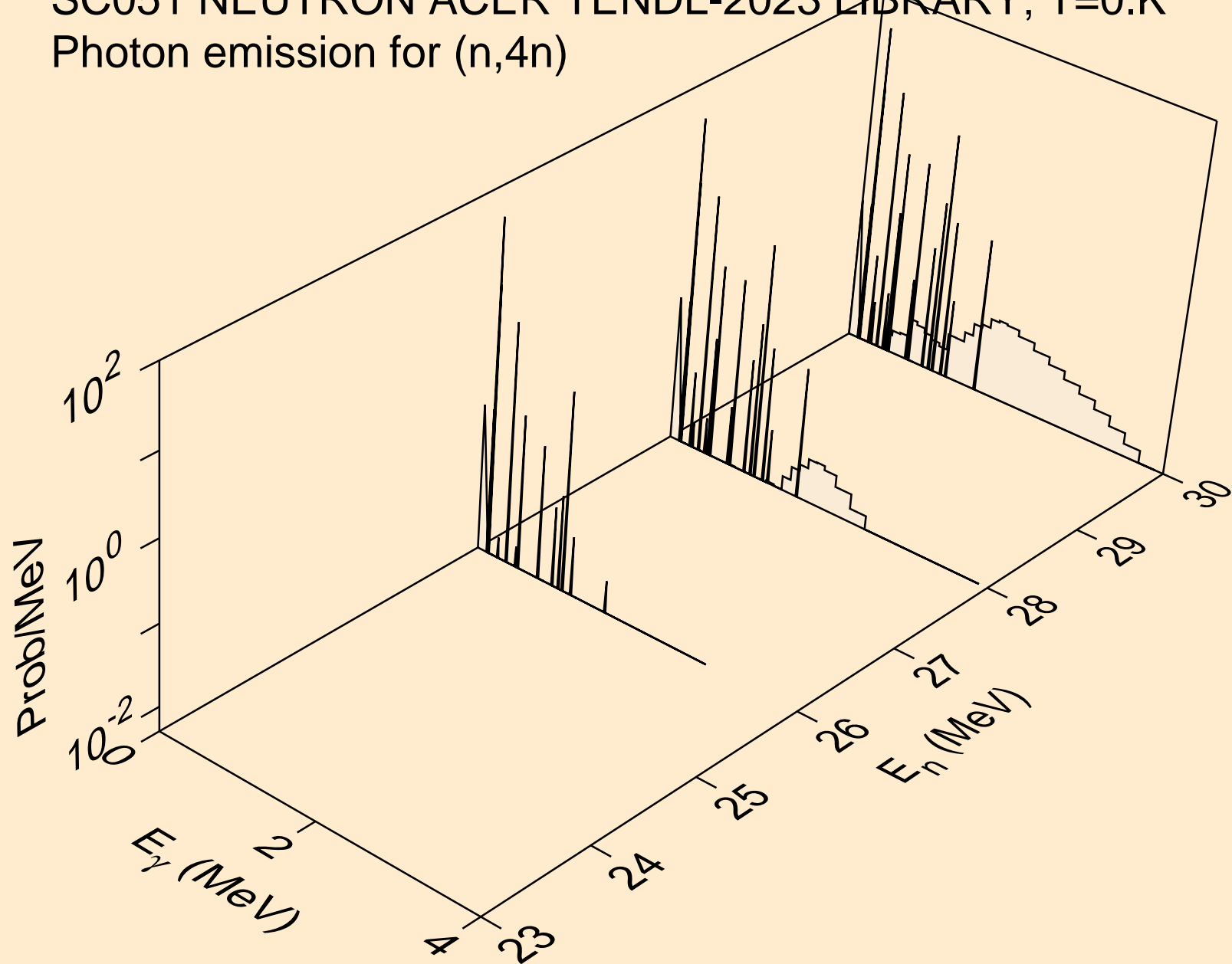
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



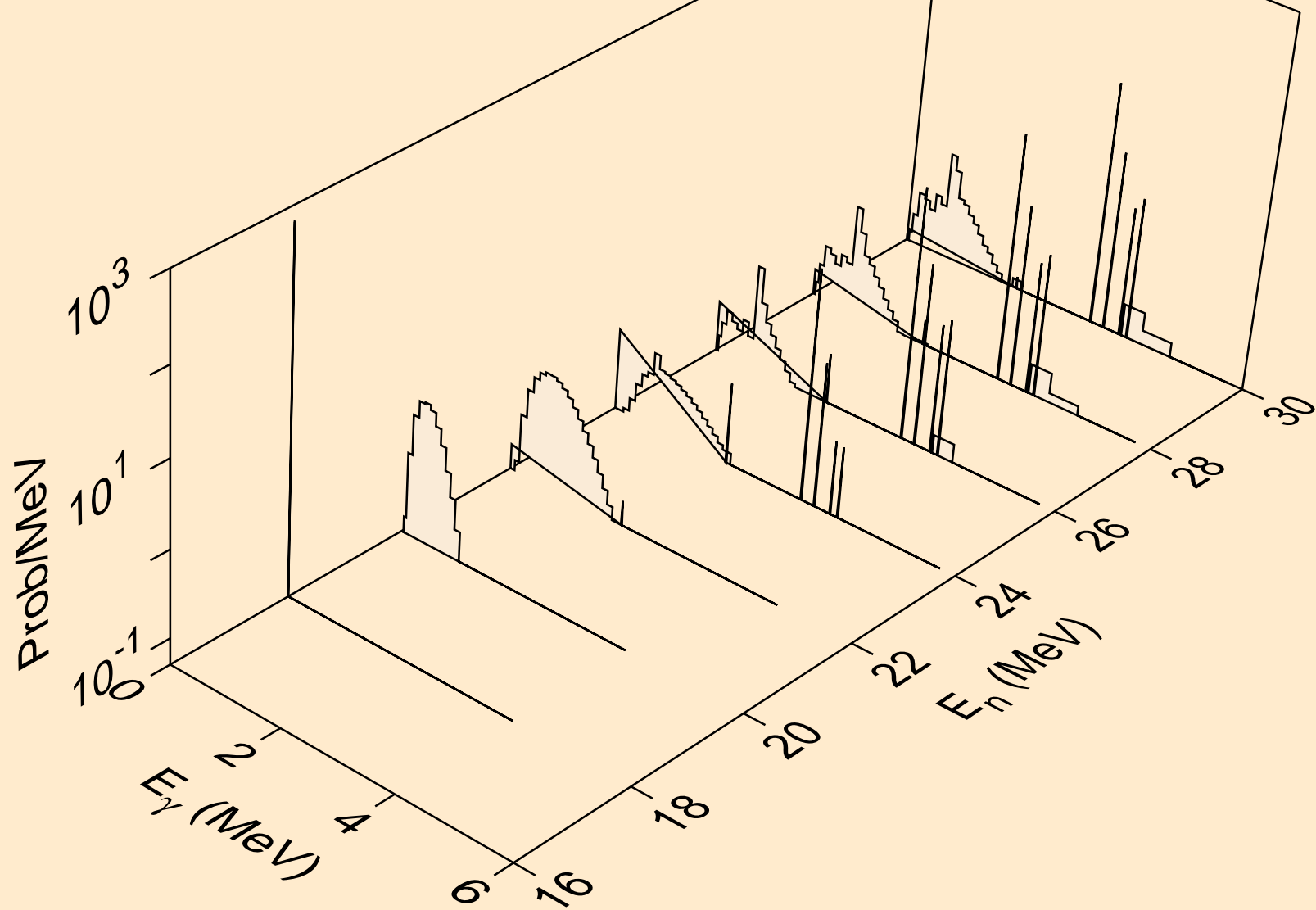
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



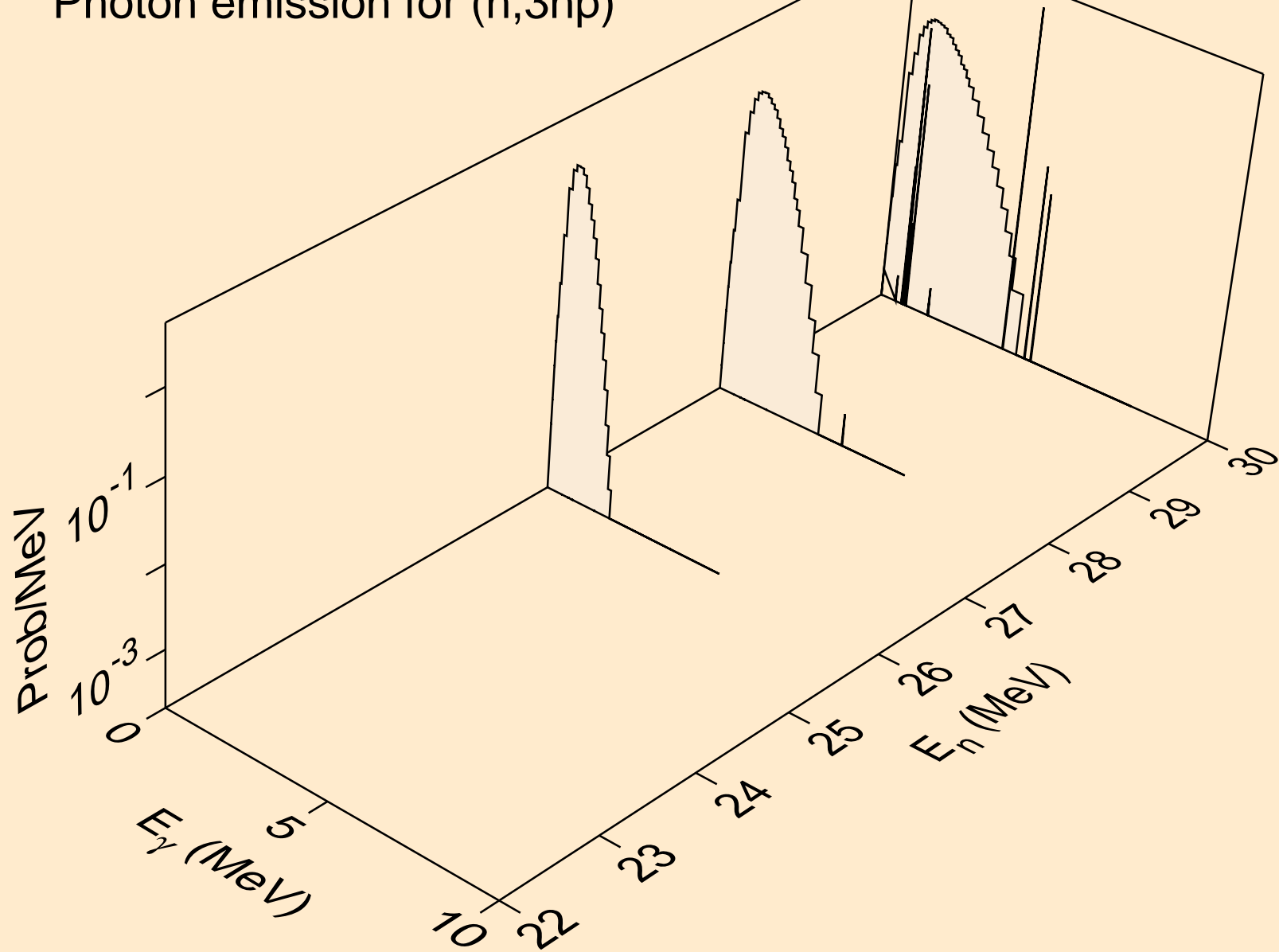
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

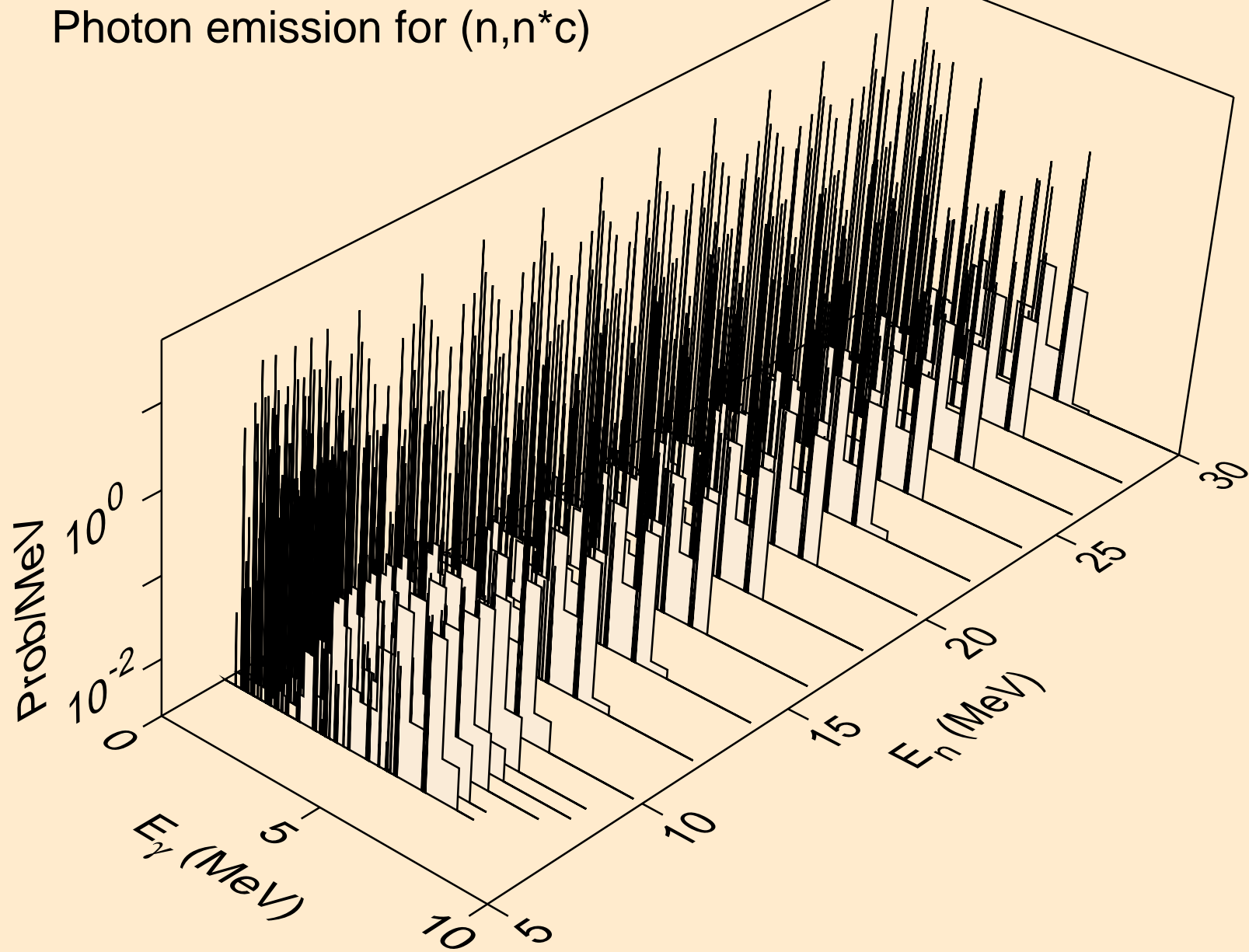


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

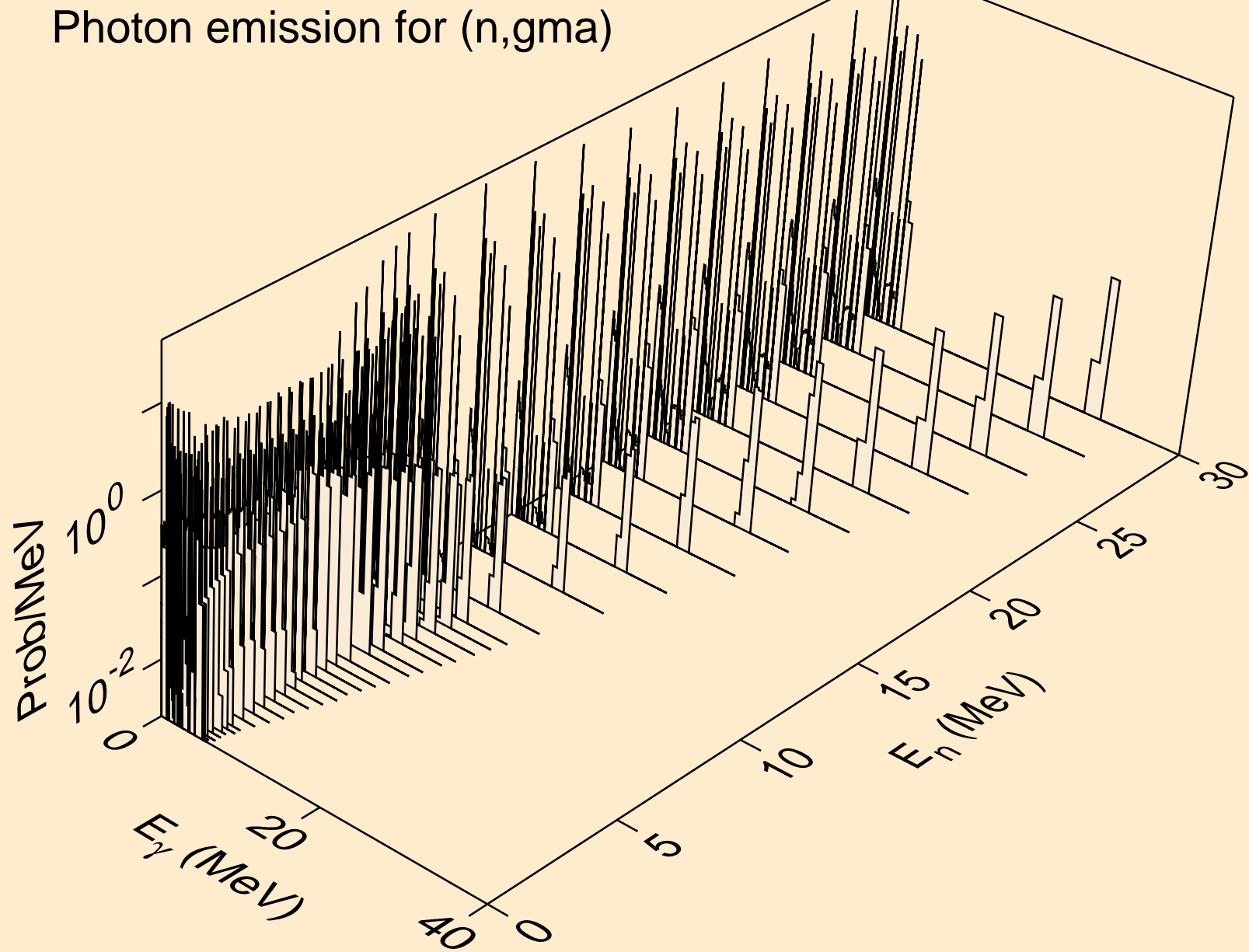




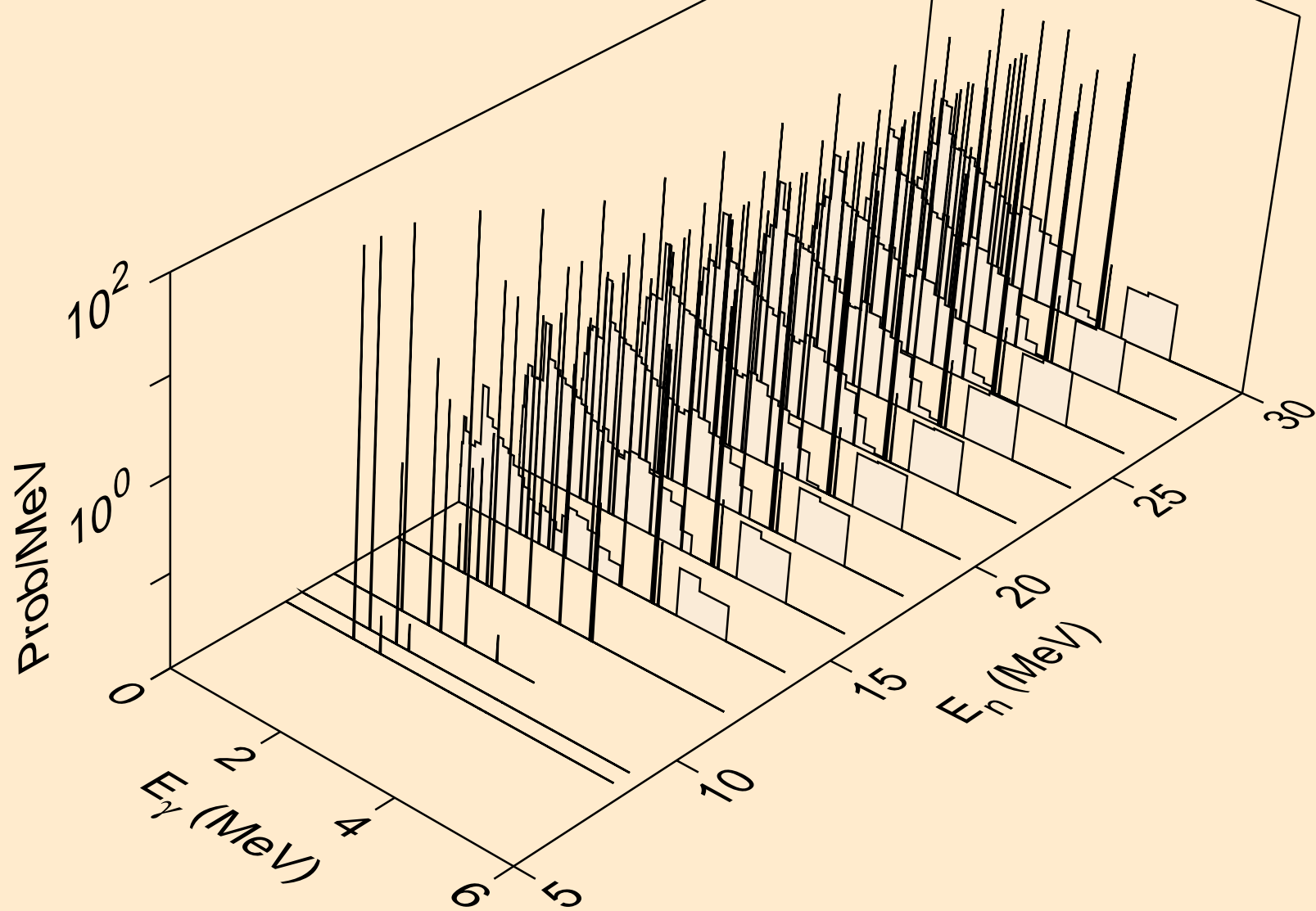
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



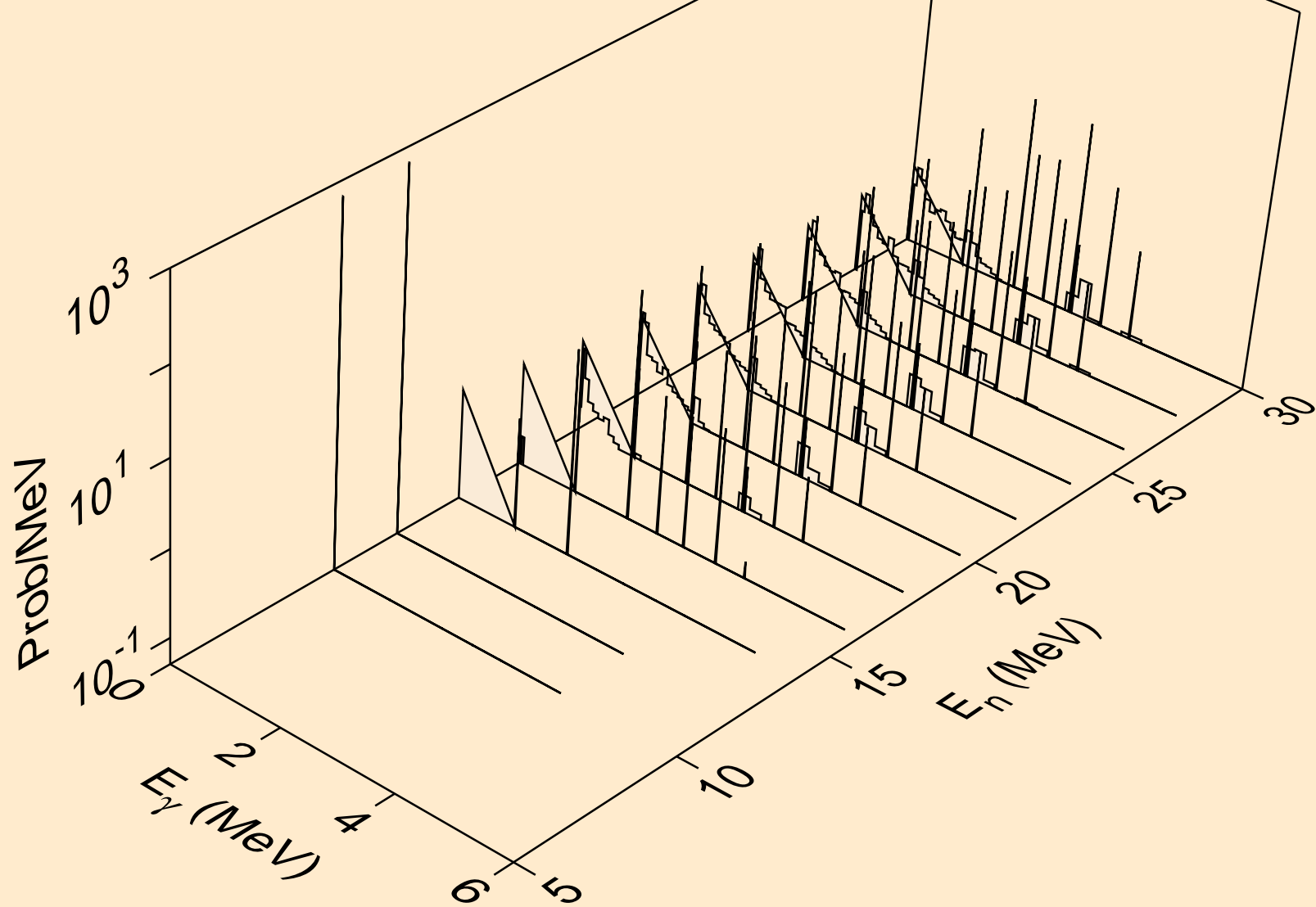
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Photon emission for (n,gma)



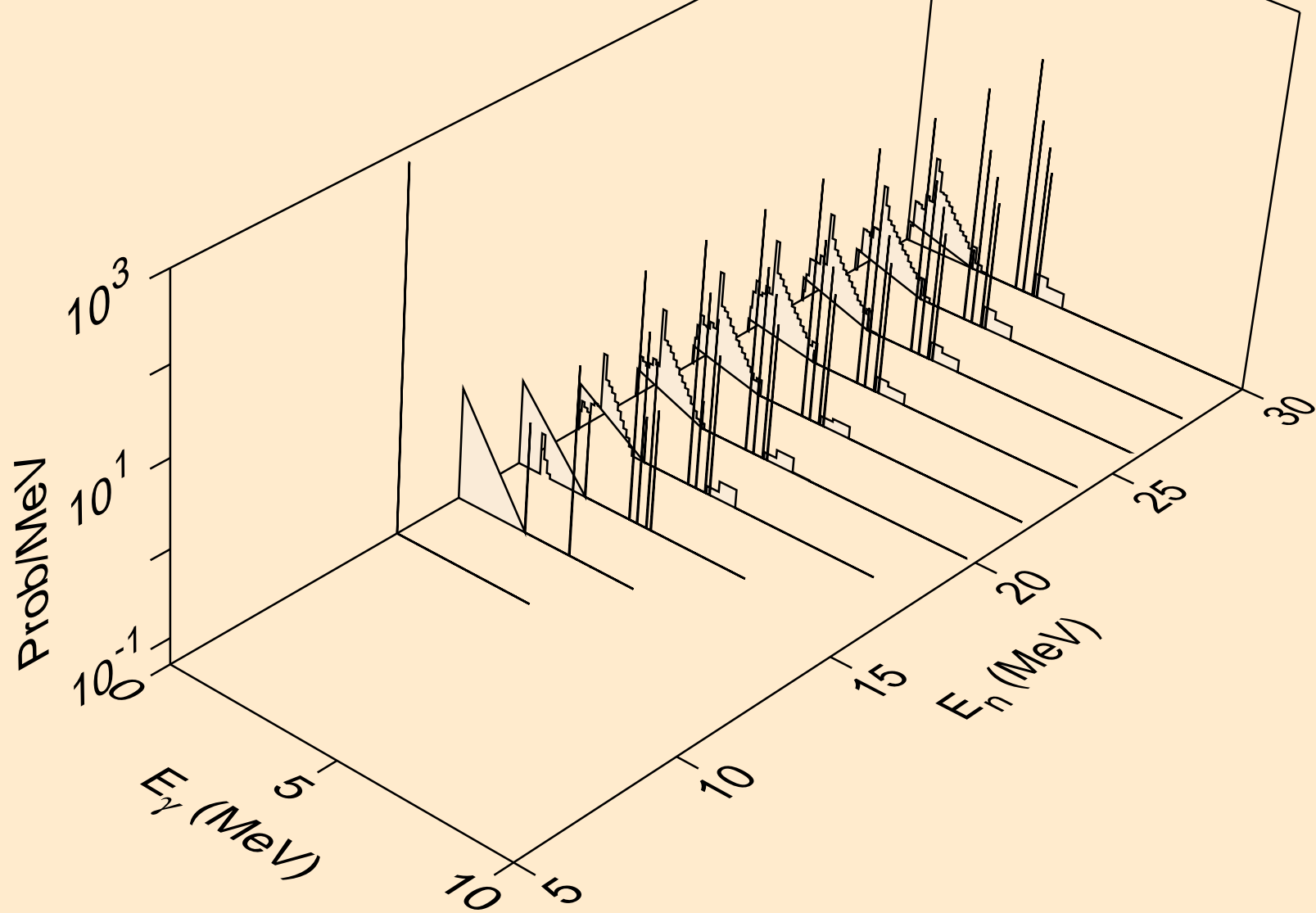
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



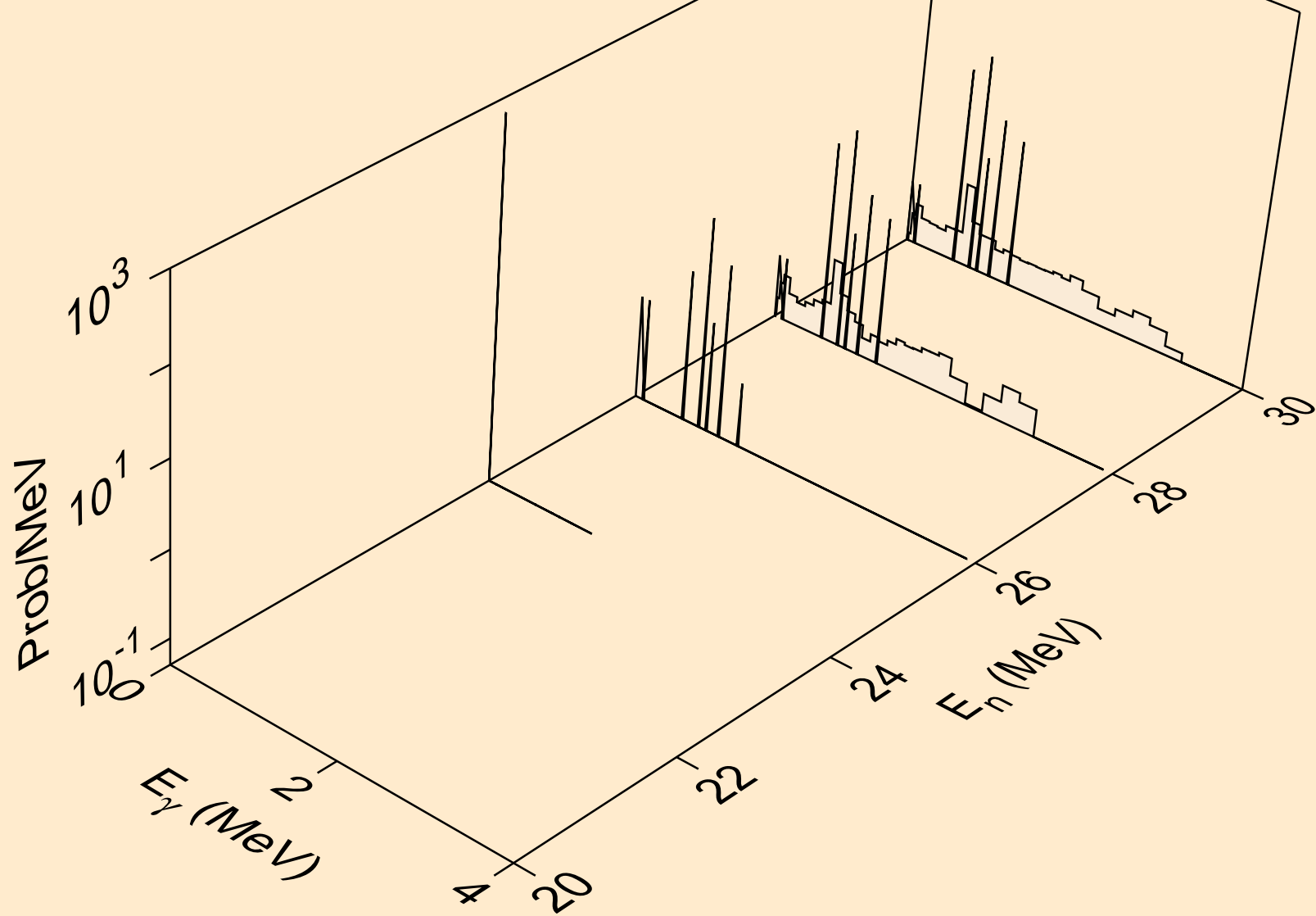
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



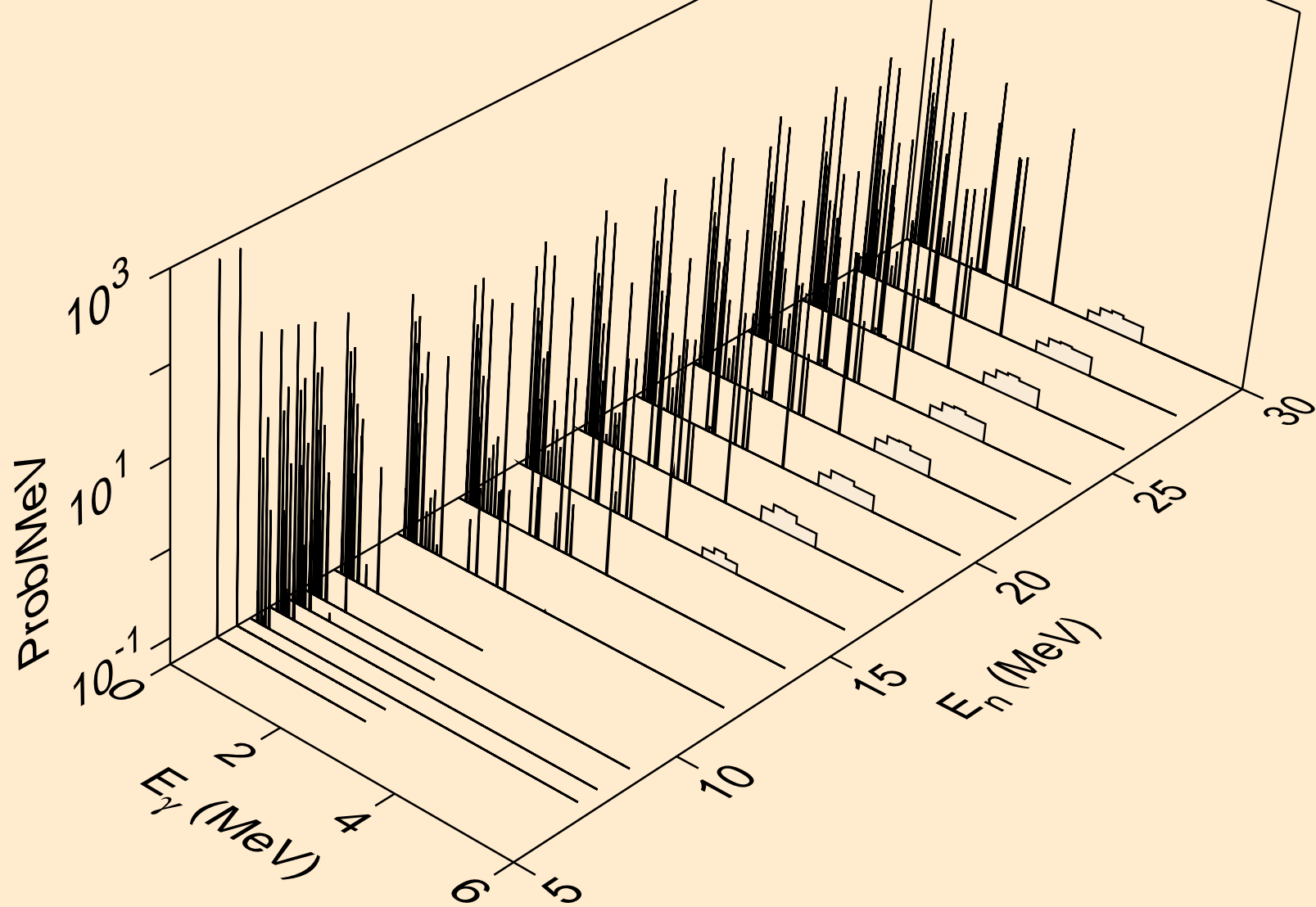
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



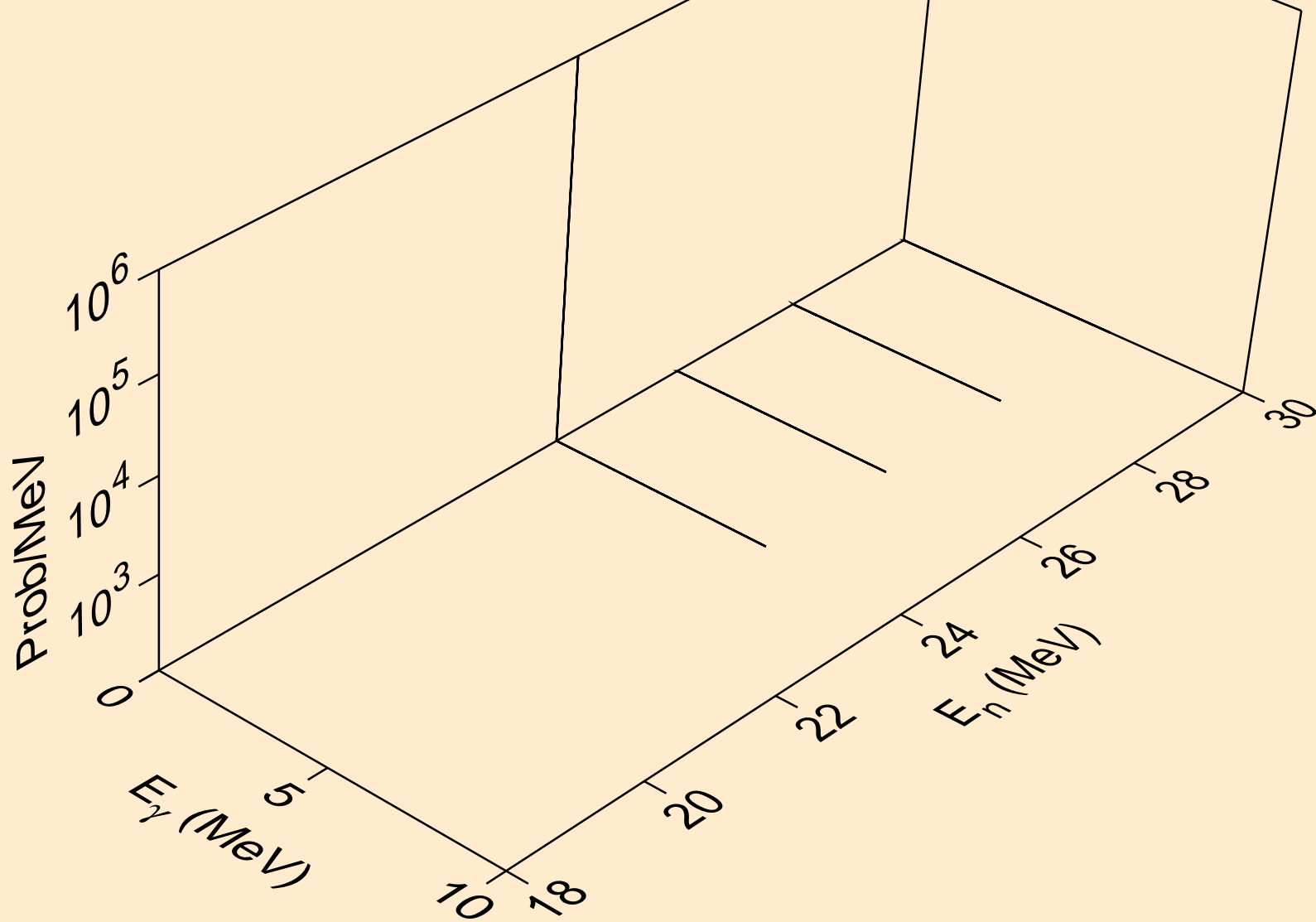
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

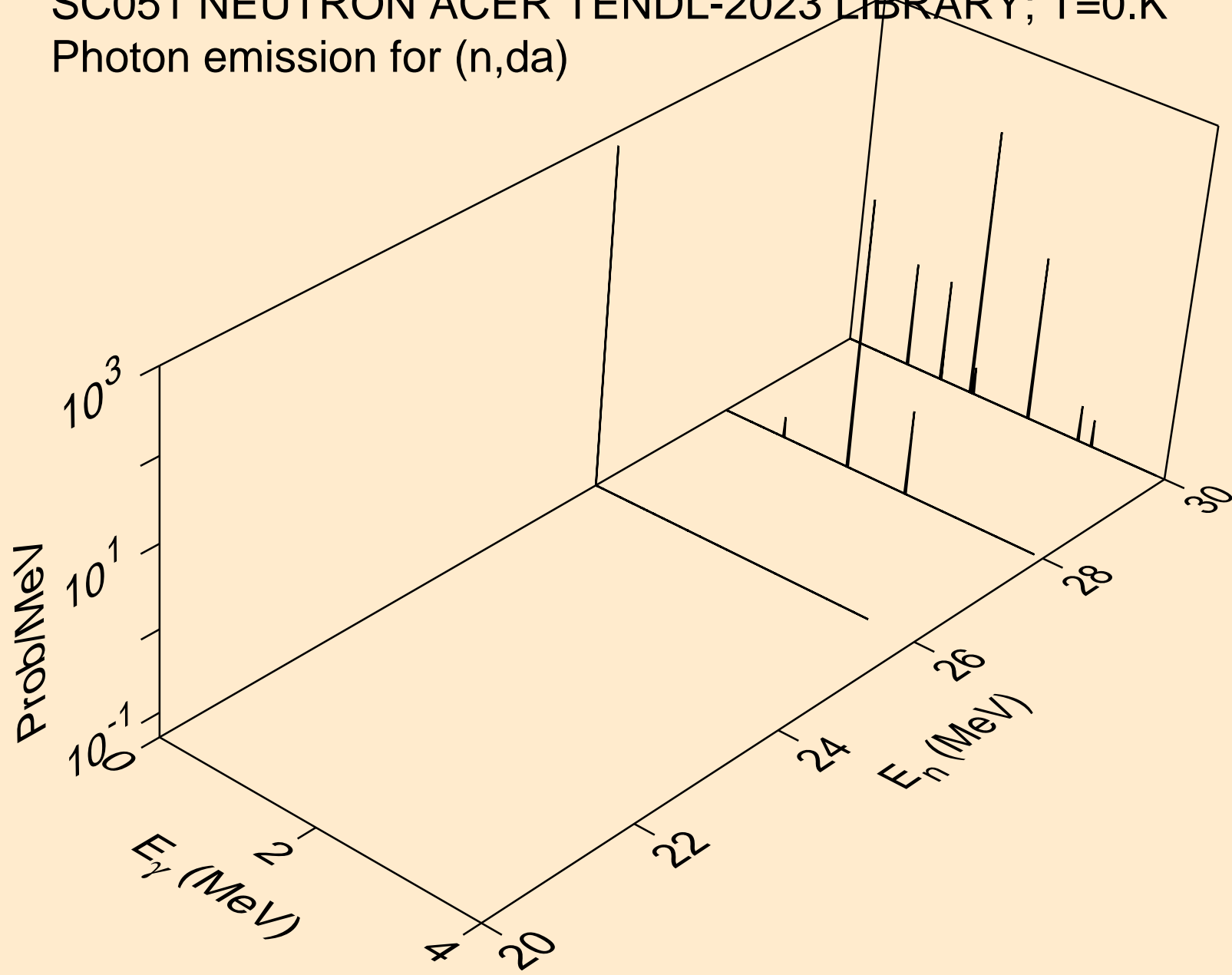


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

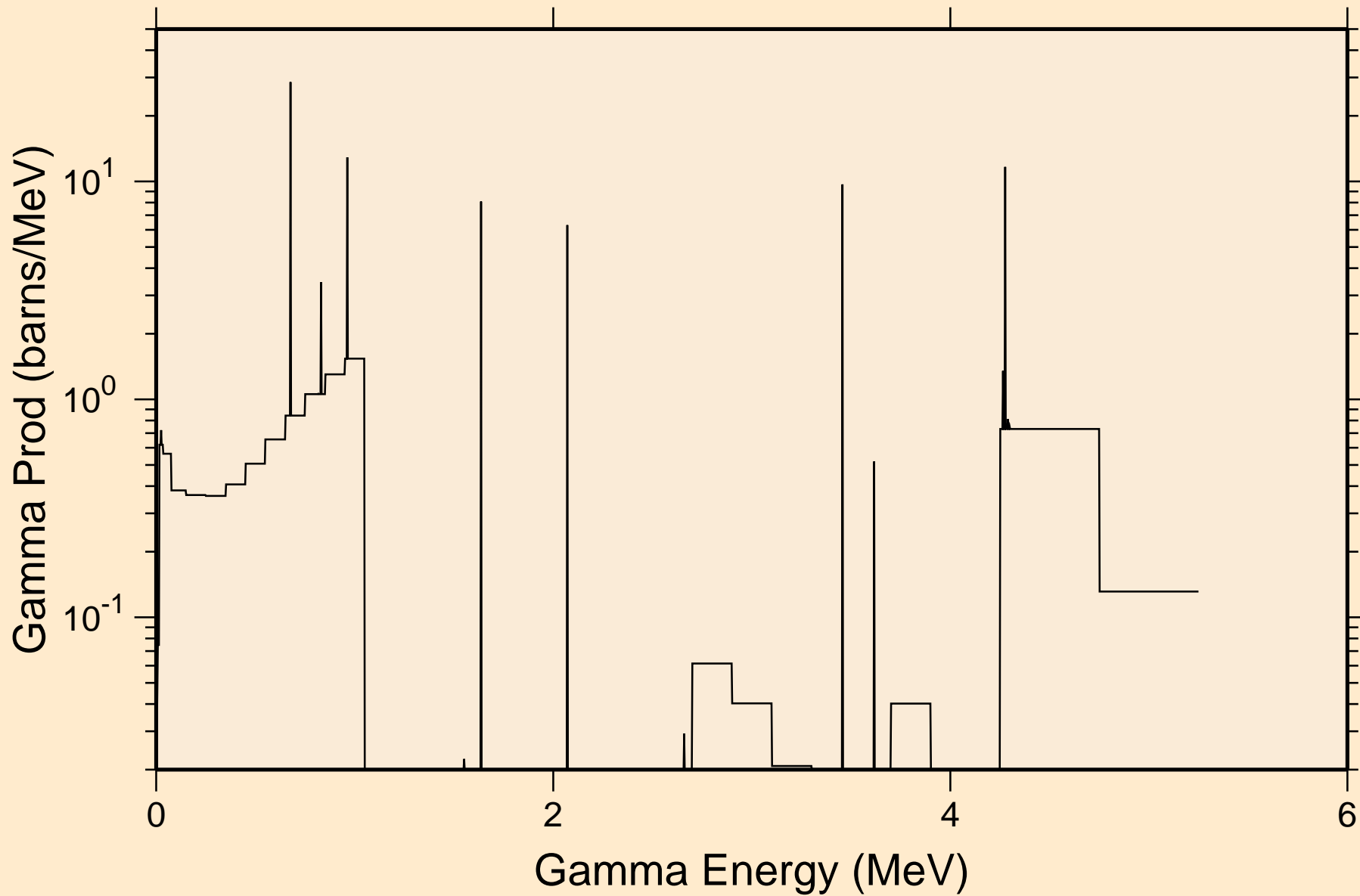




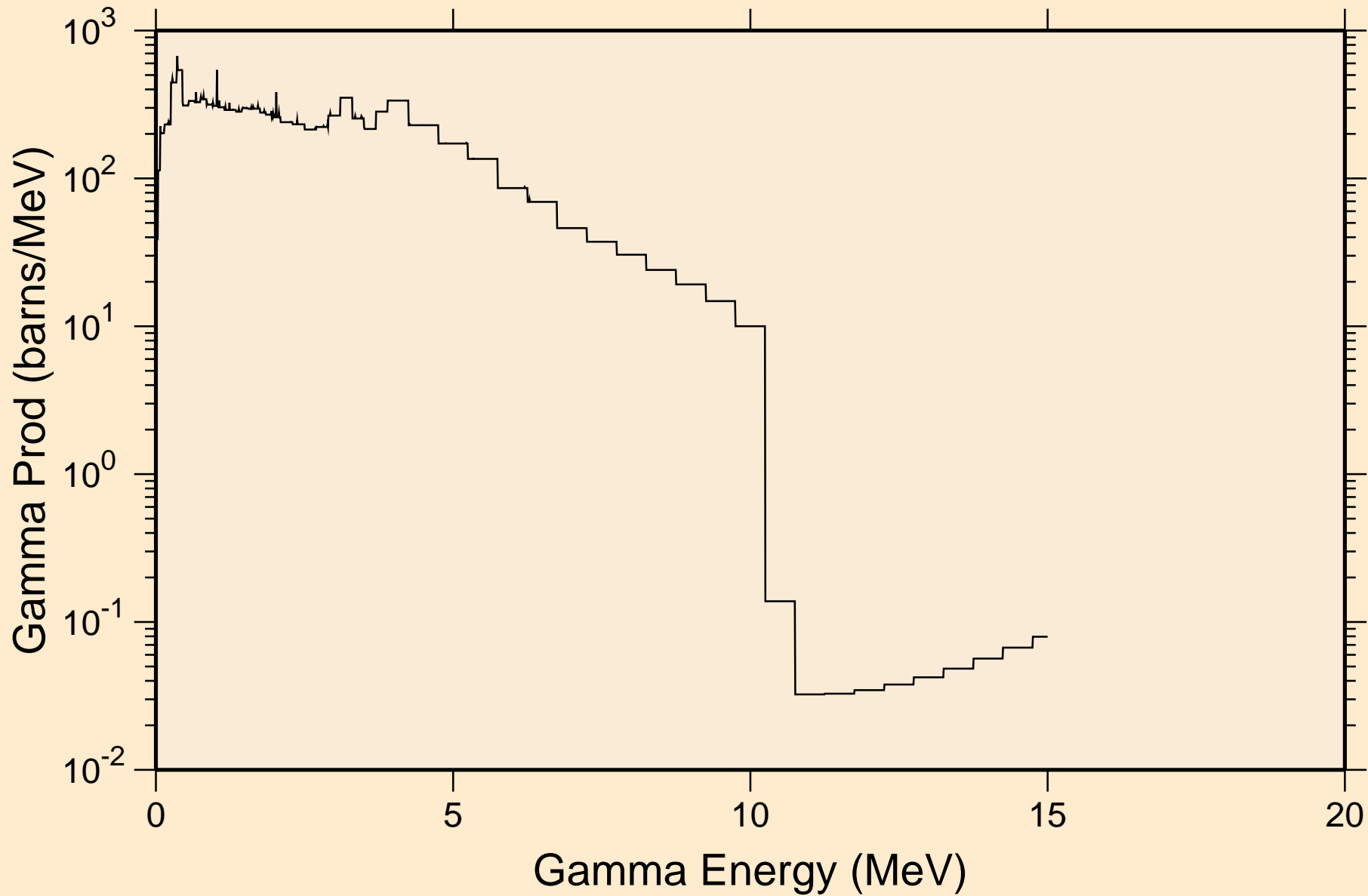
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

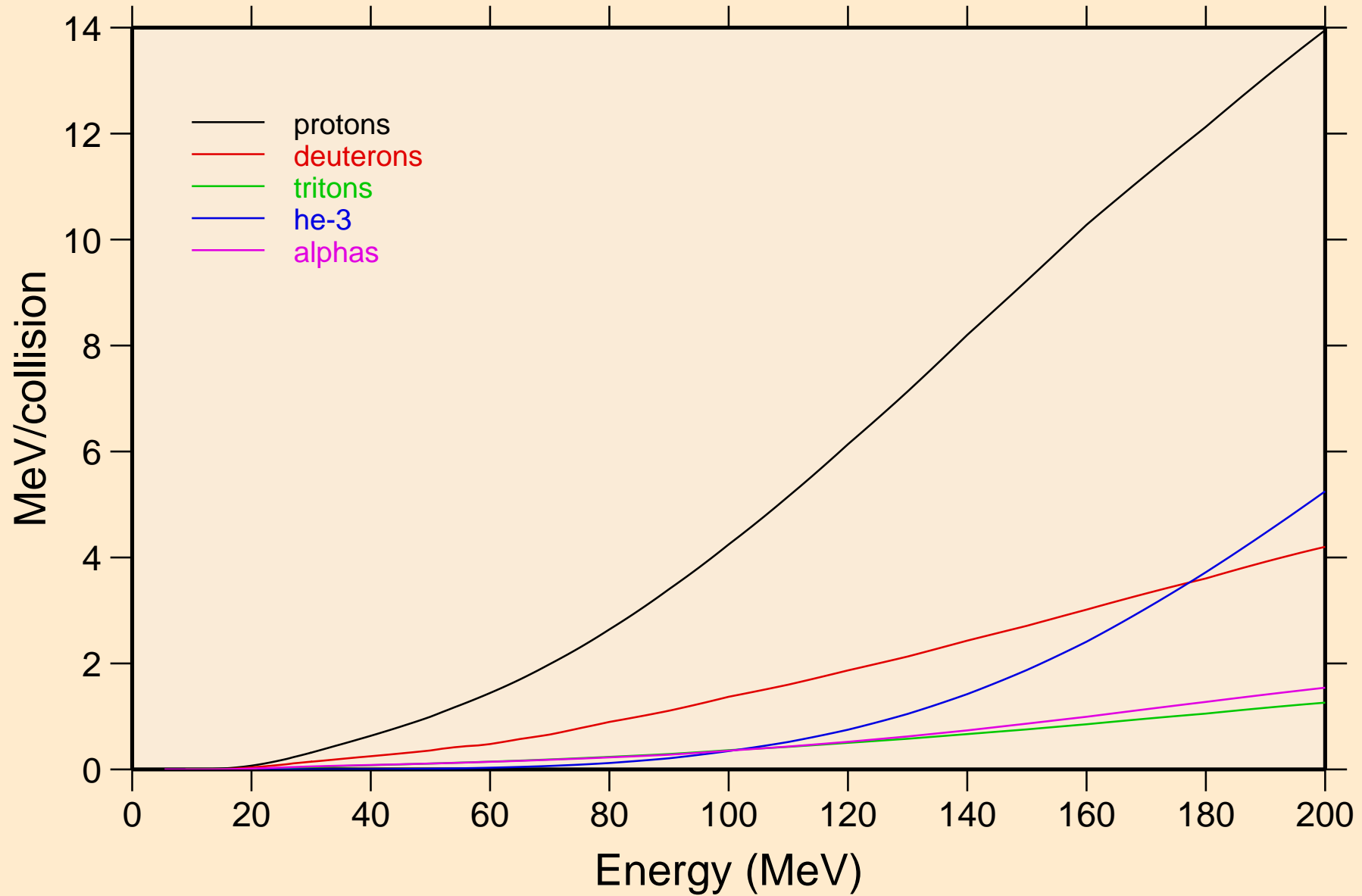


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

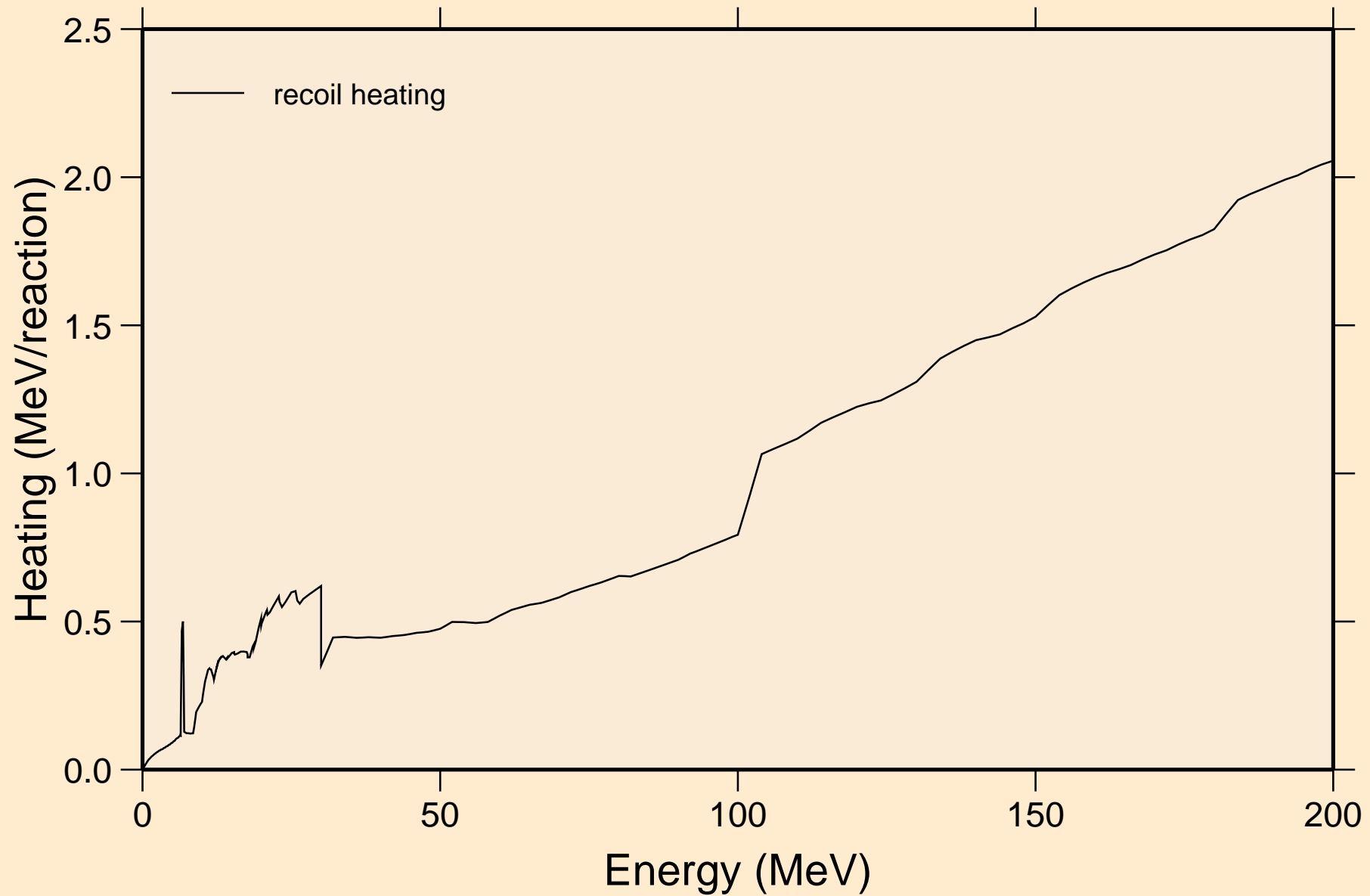


# SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

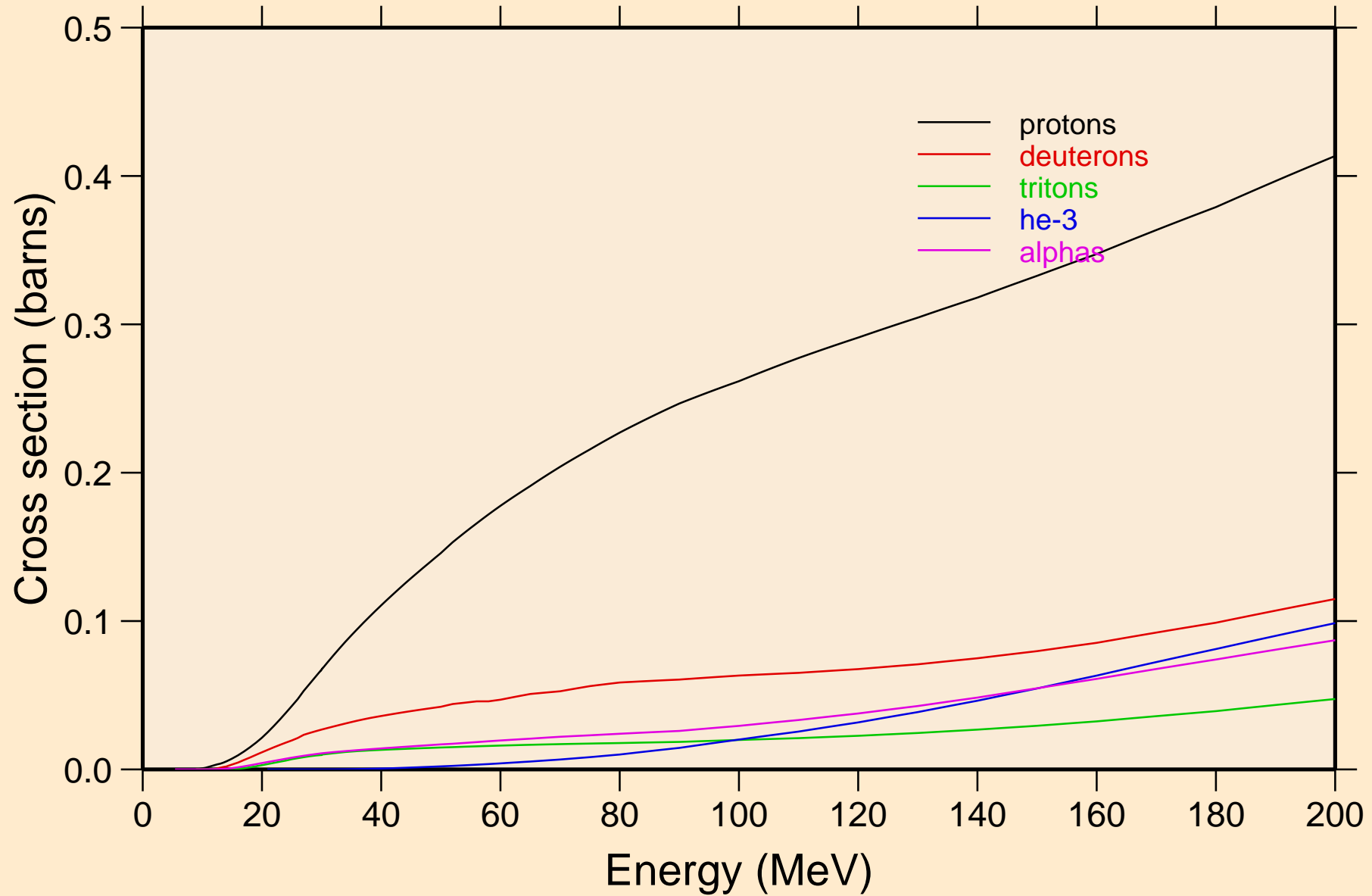
## Particle heating contributions



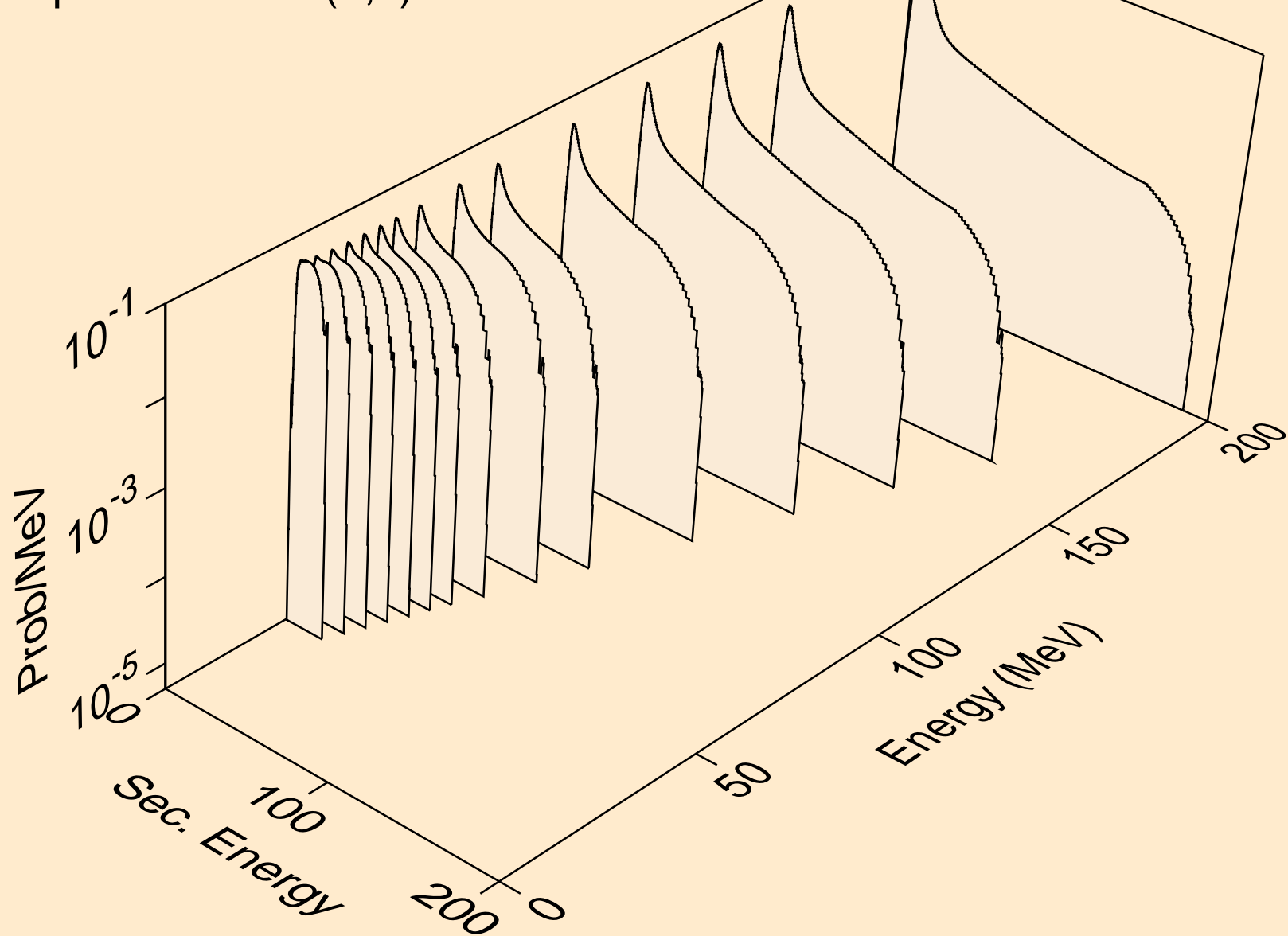
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



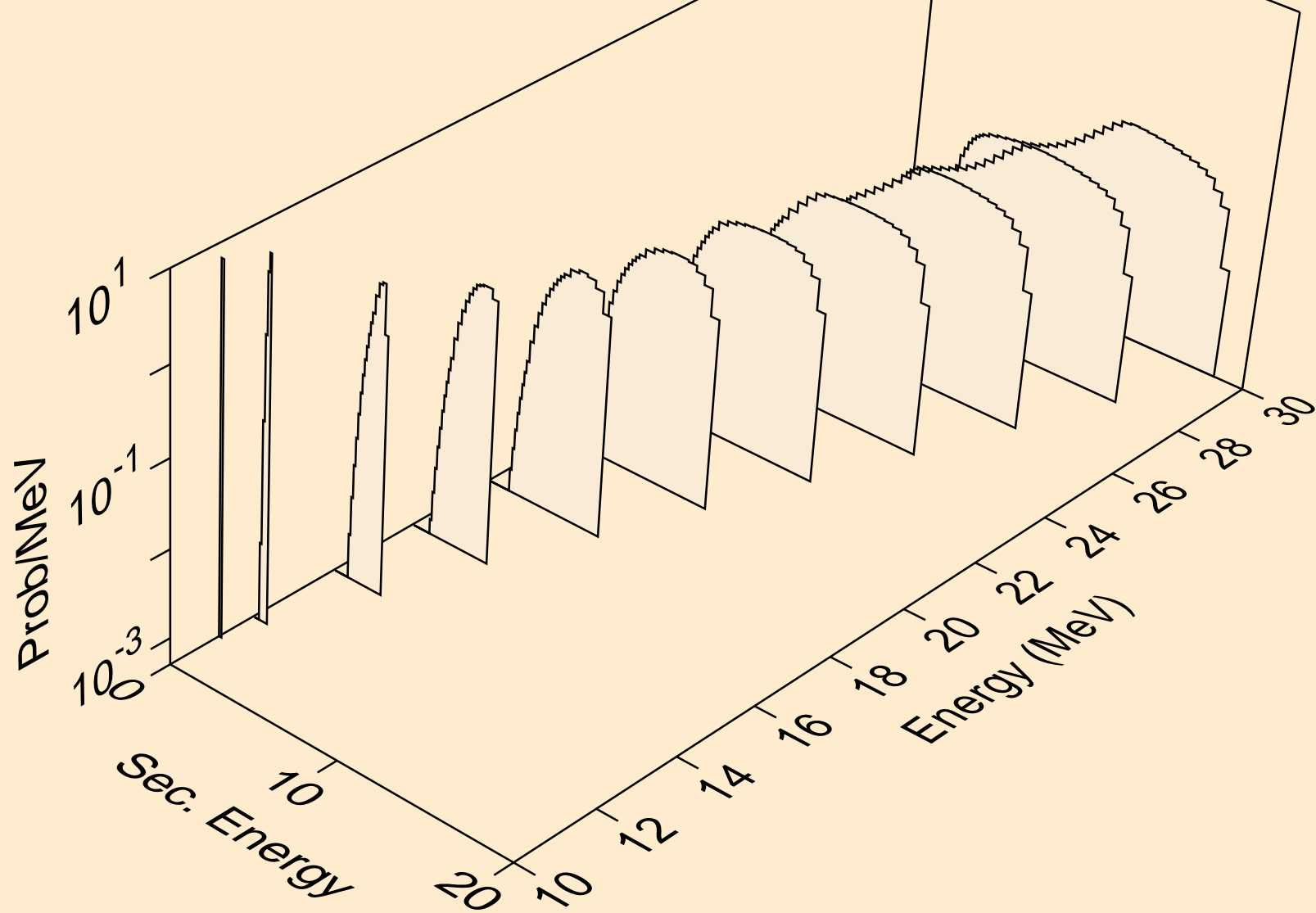
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

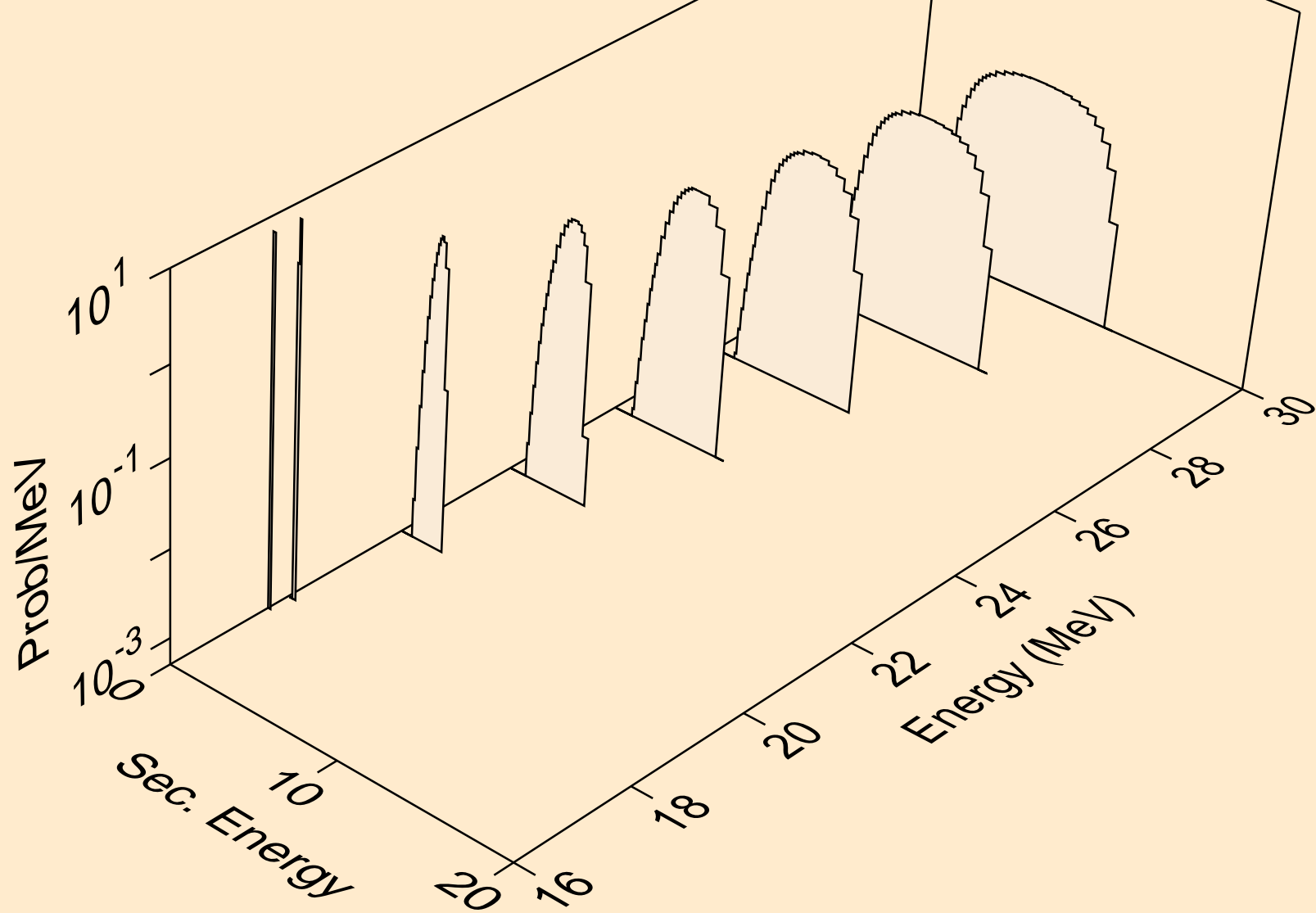


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

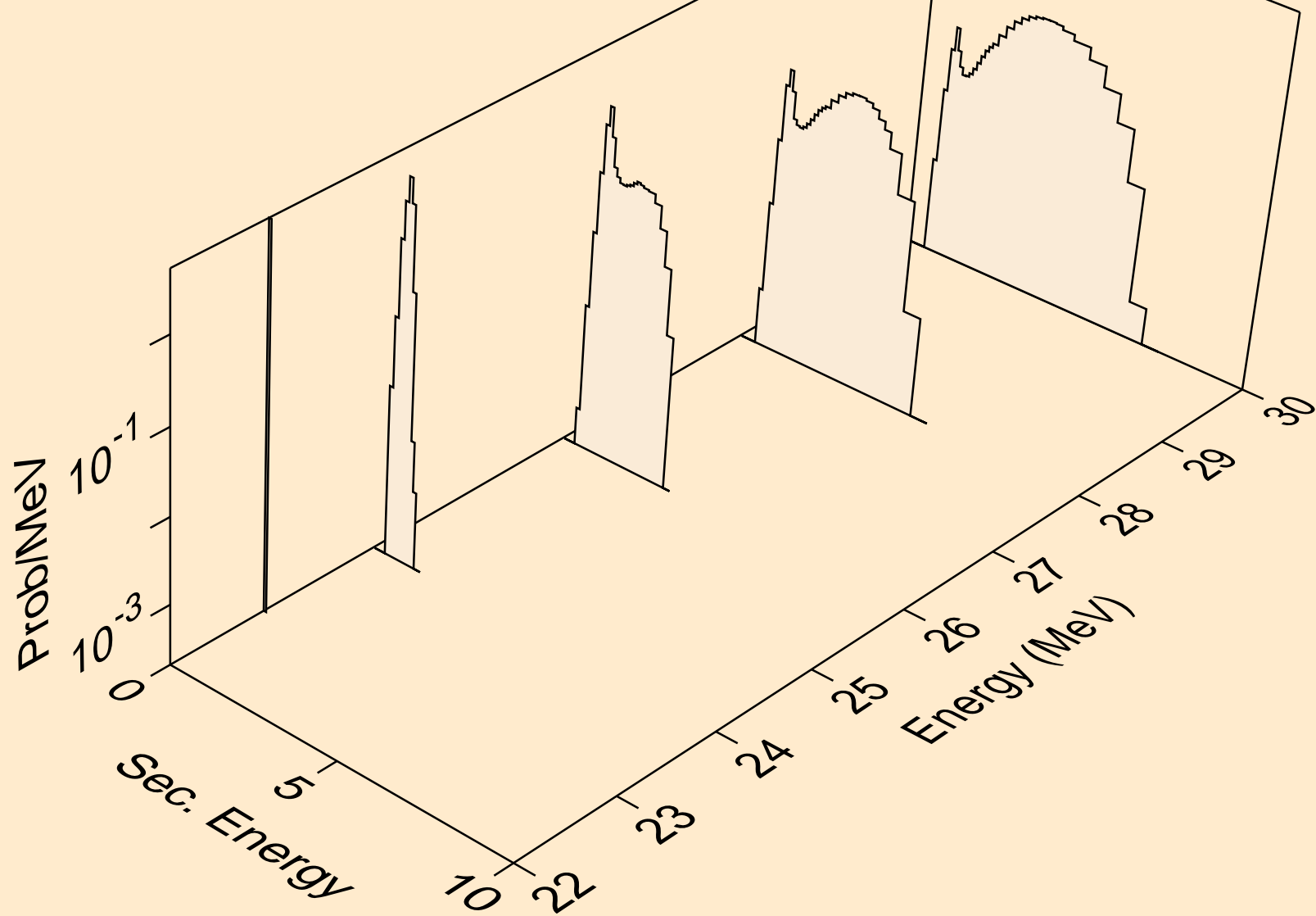




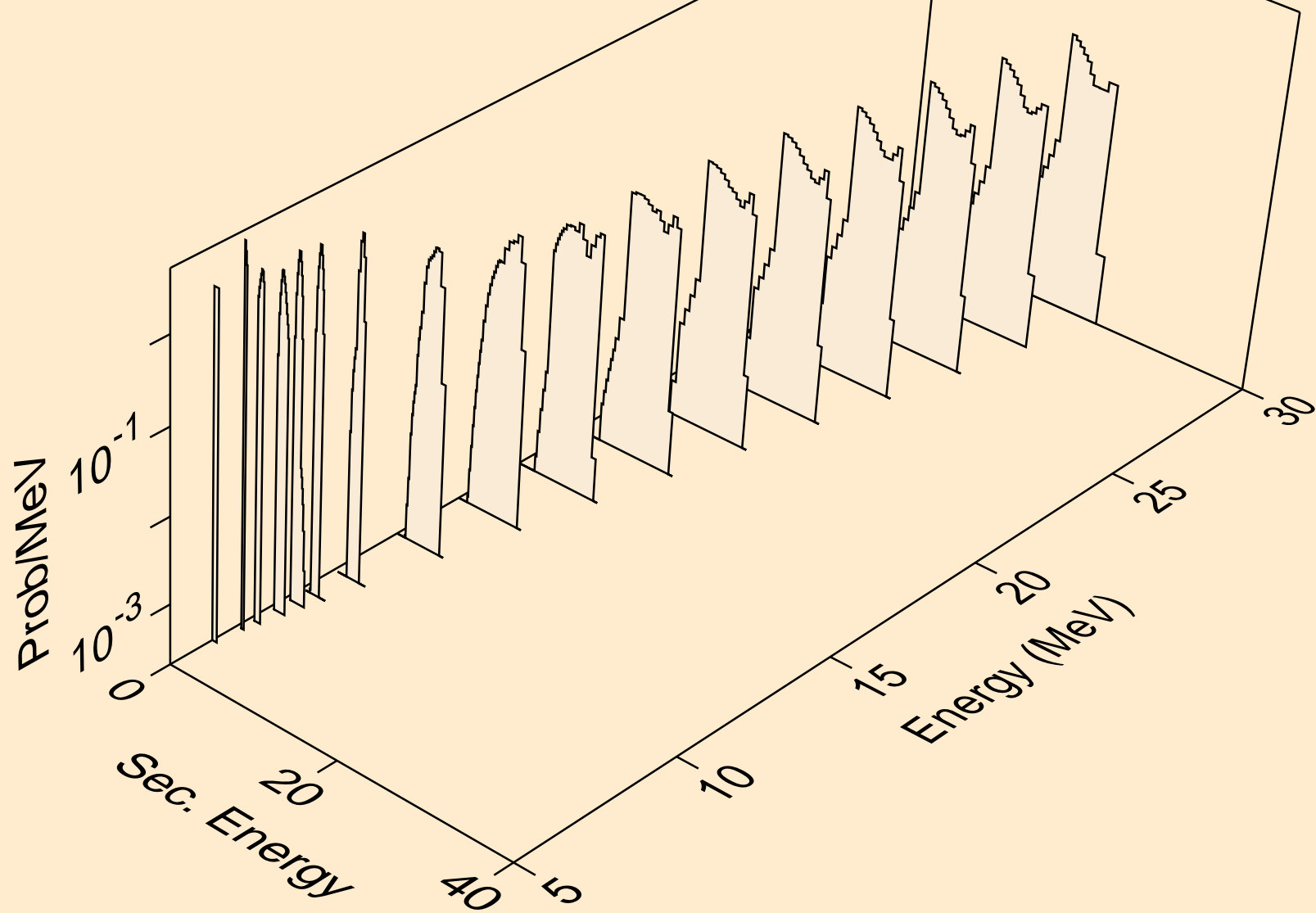
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



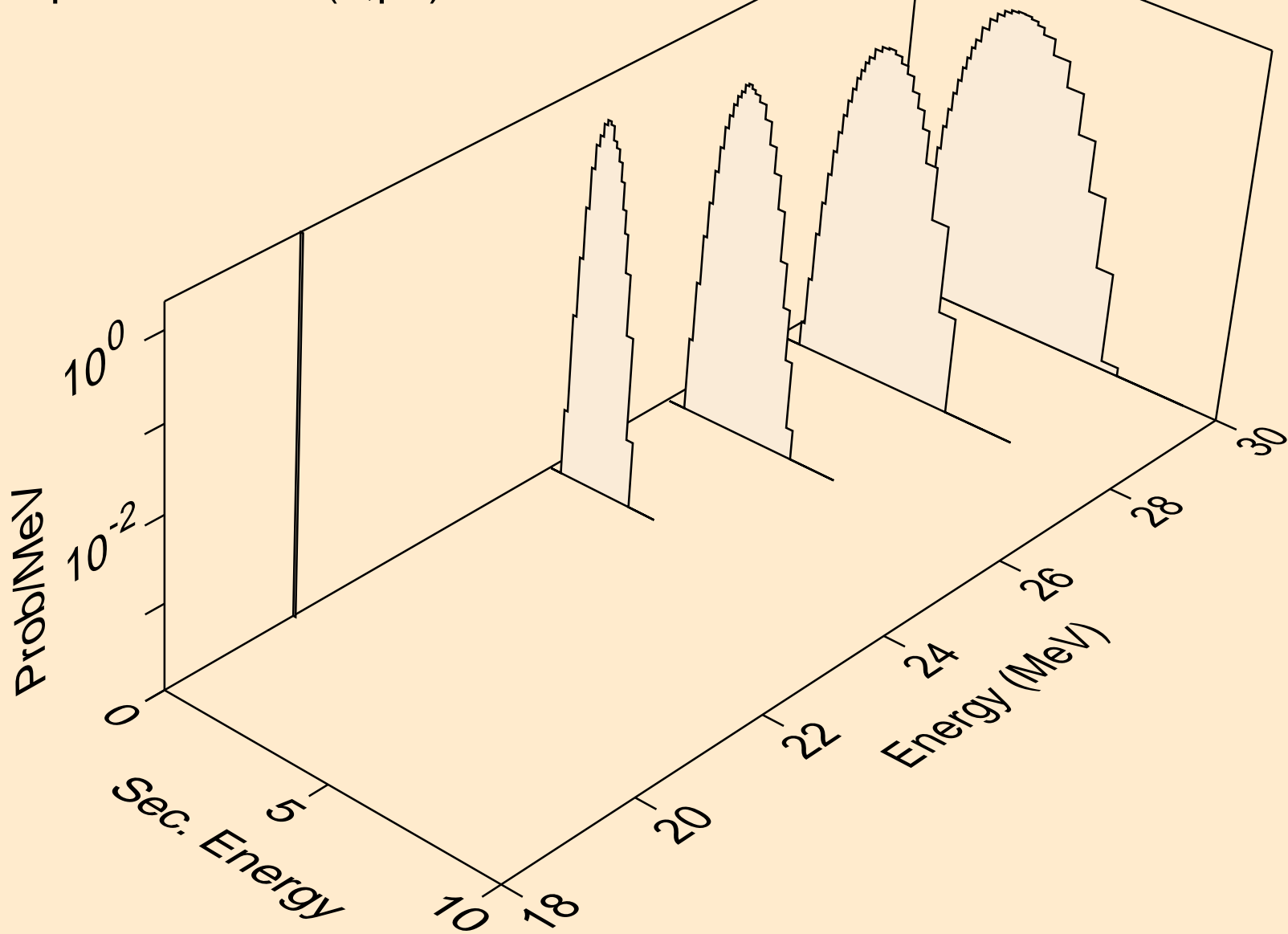
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protons from (n,3np)



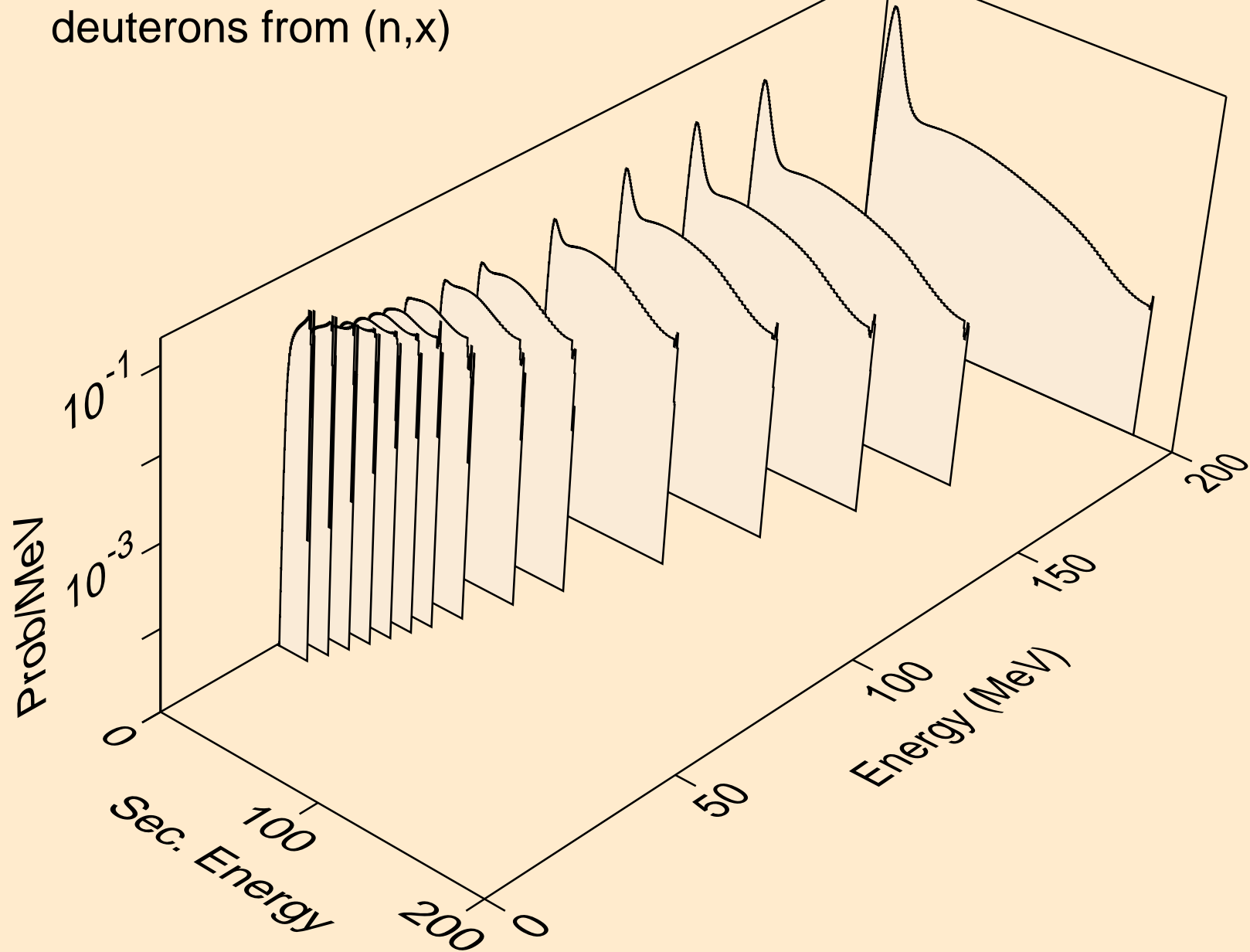
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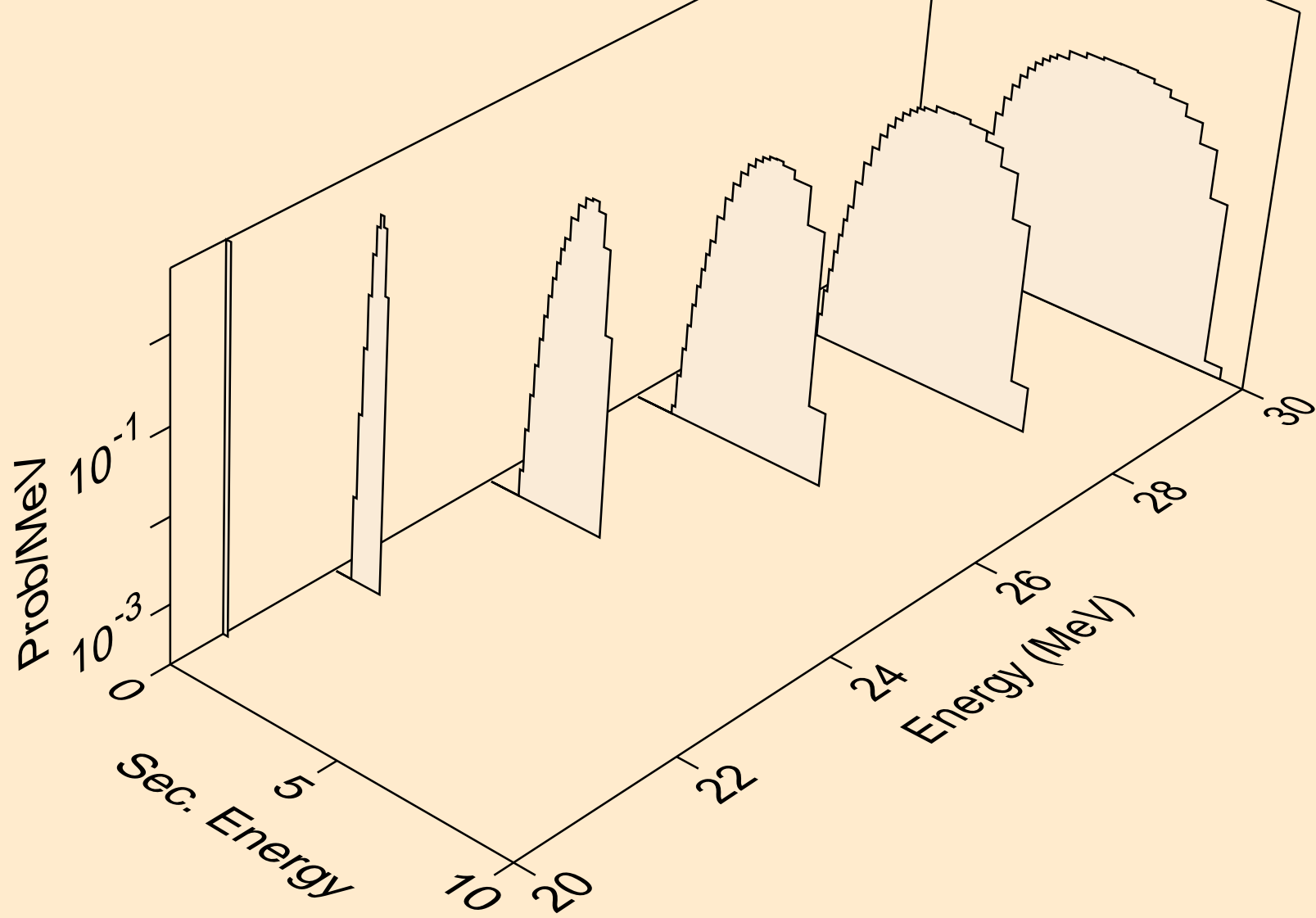
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pa)



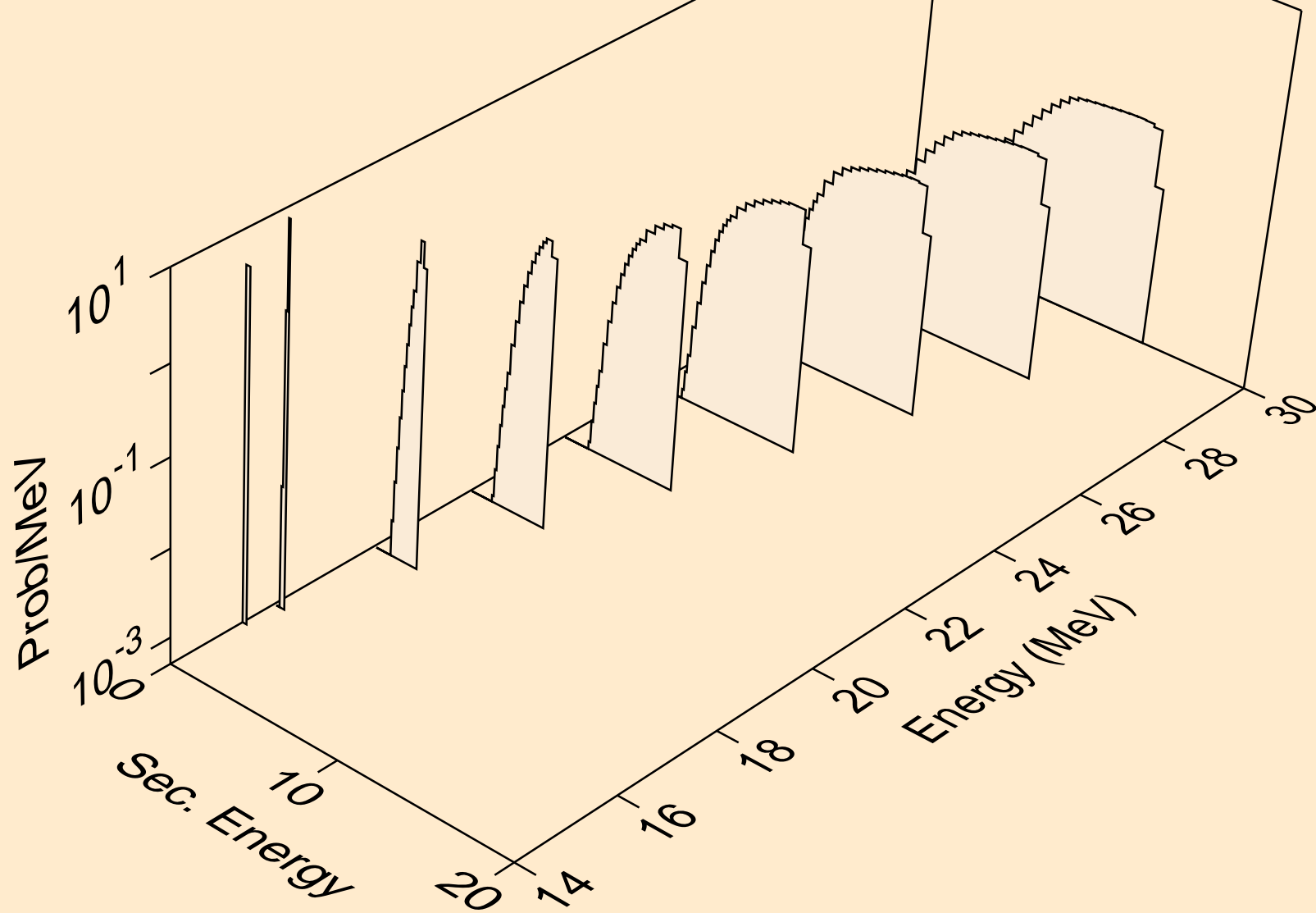
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deuterons from (n,x)



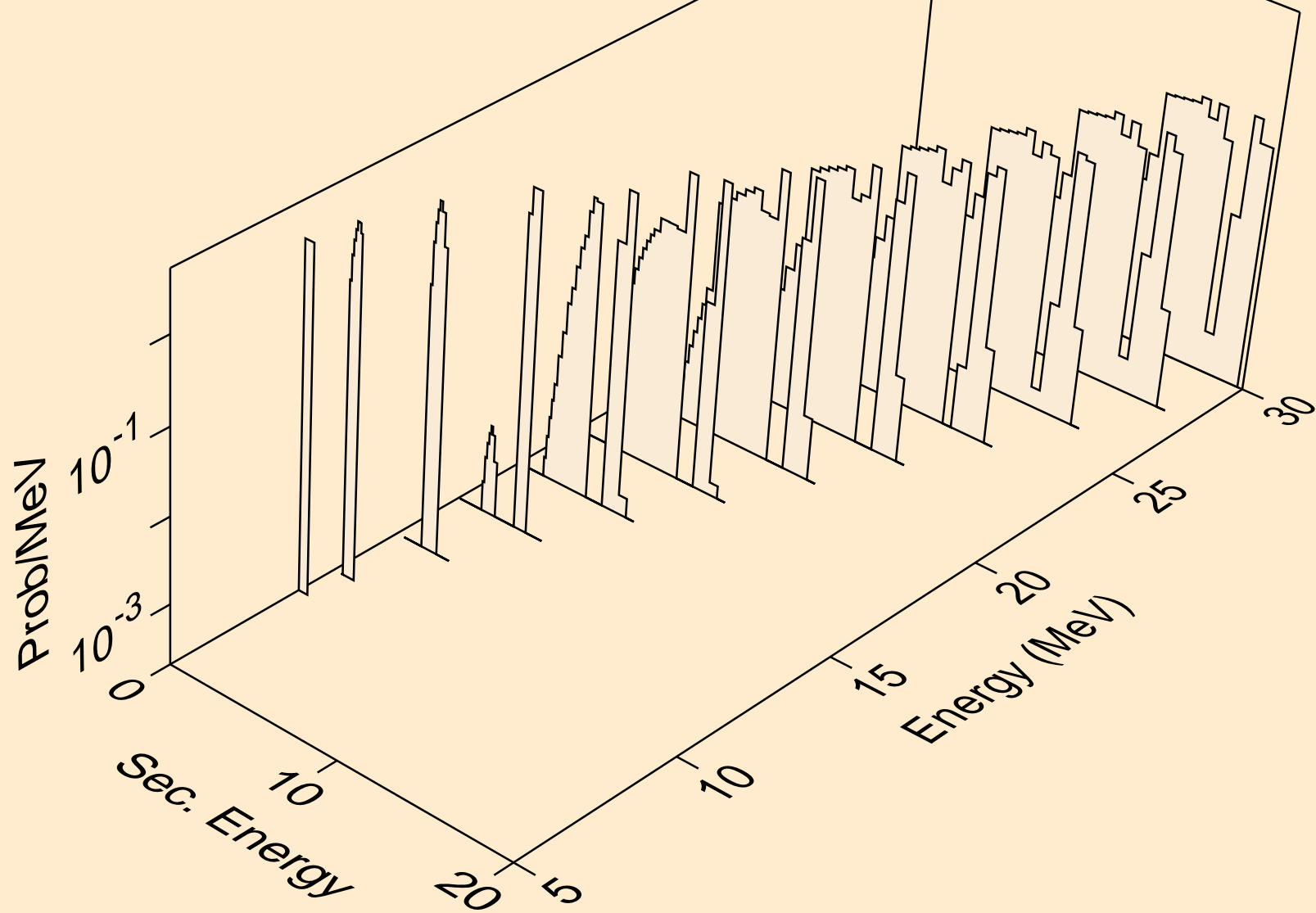
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

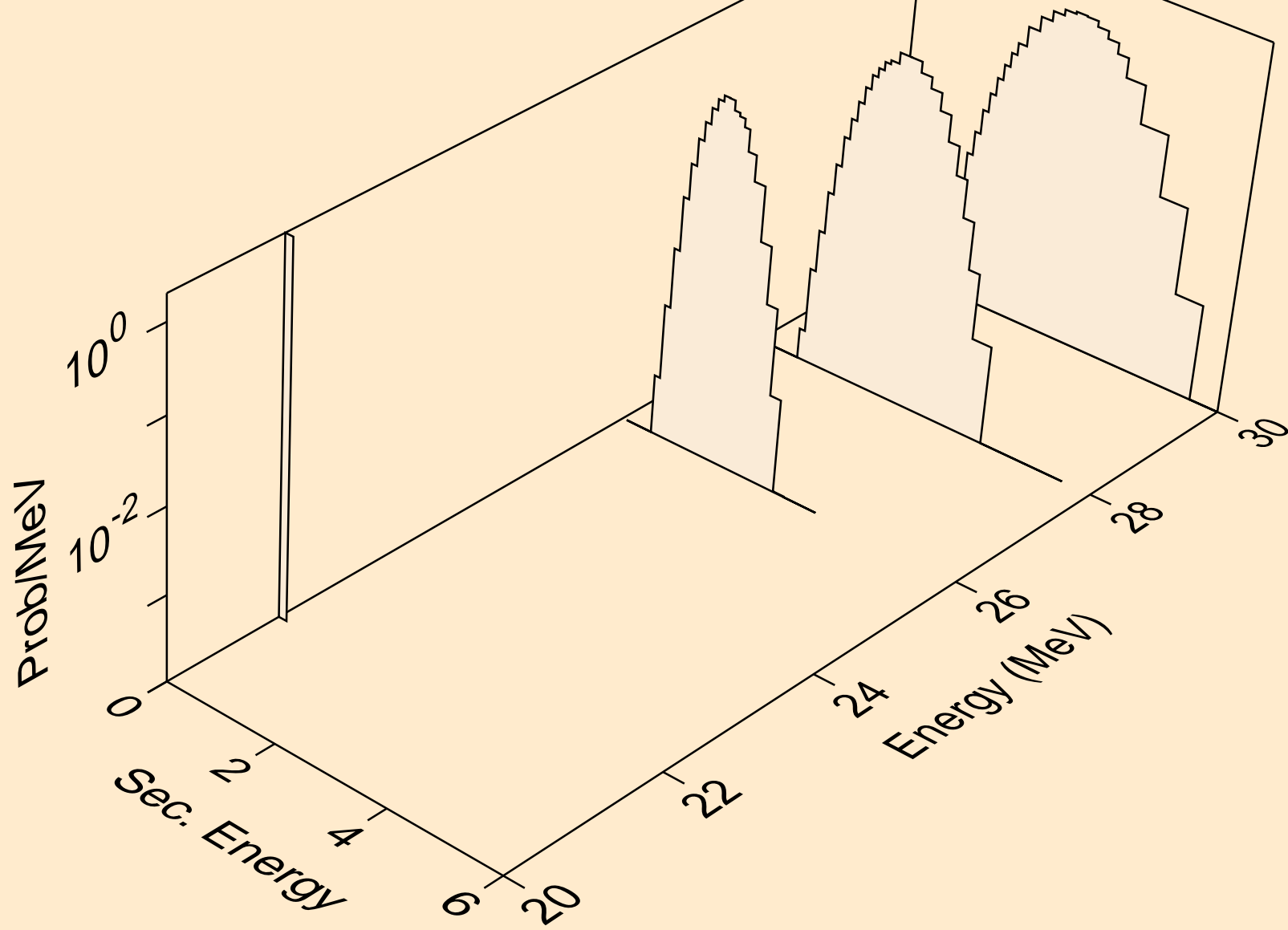


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deuterons from (n,d)

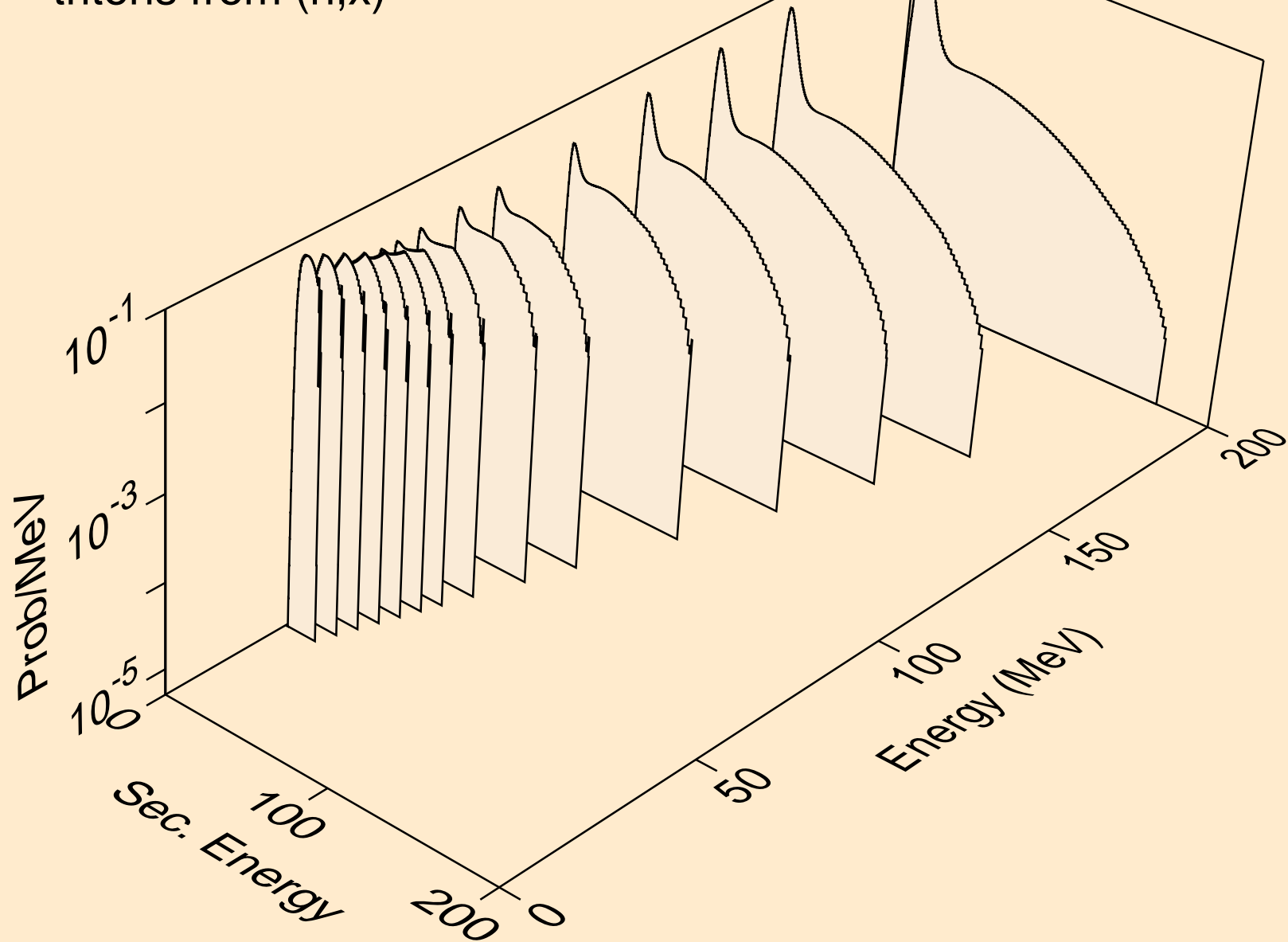




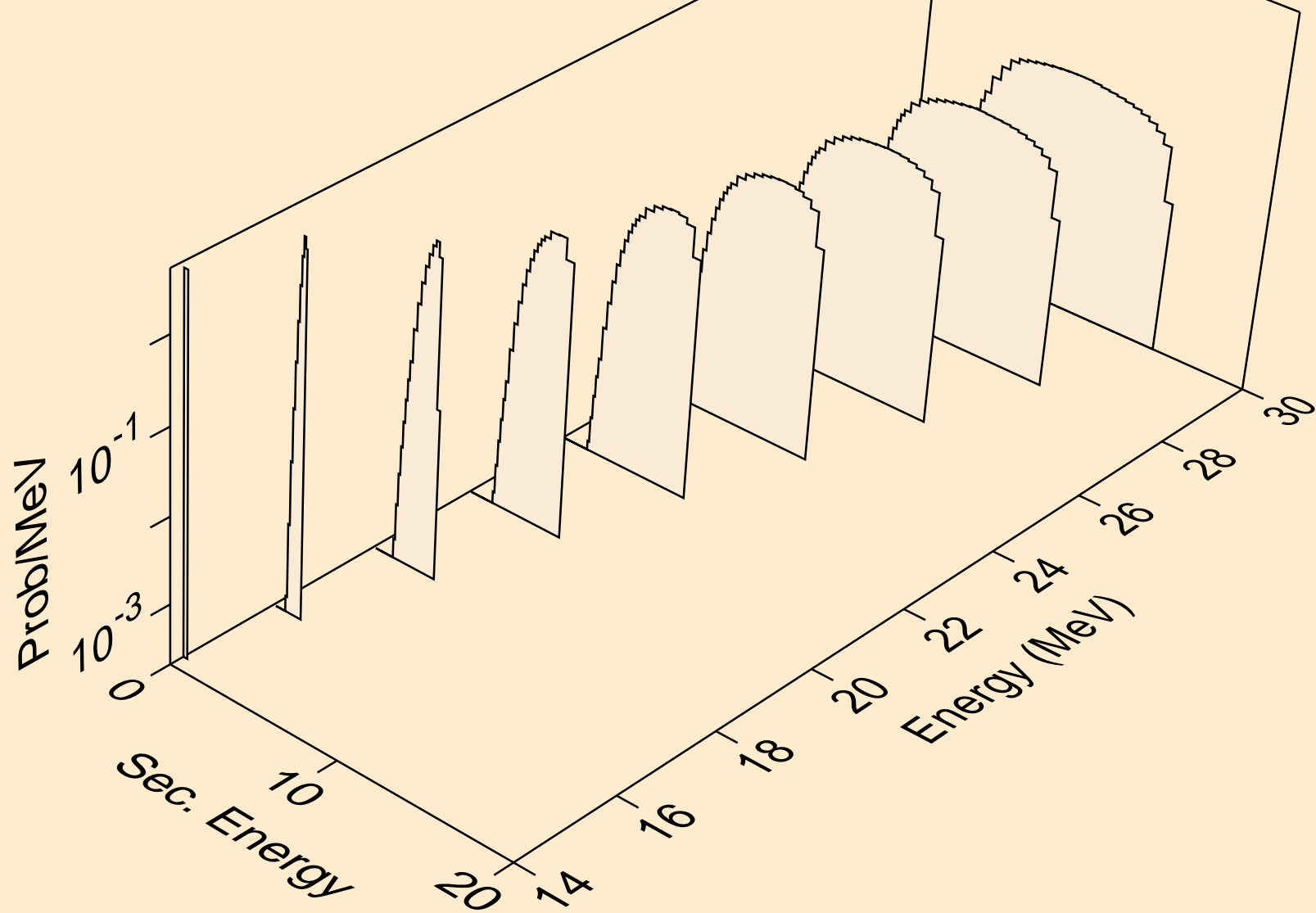
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deuterons from (n,da)



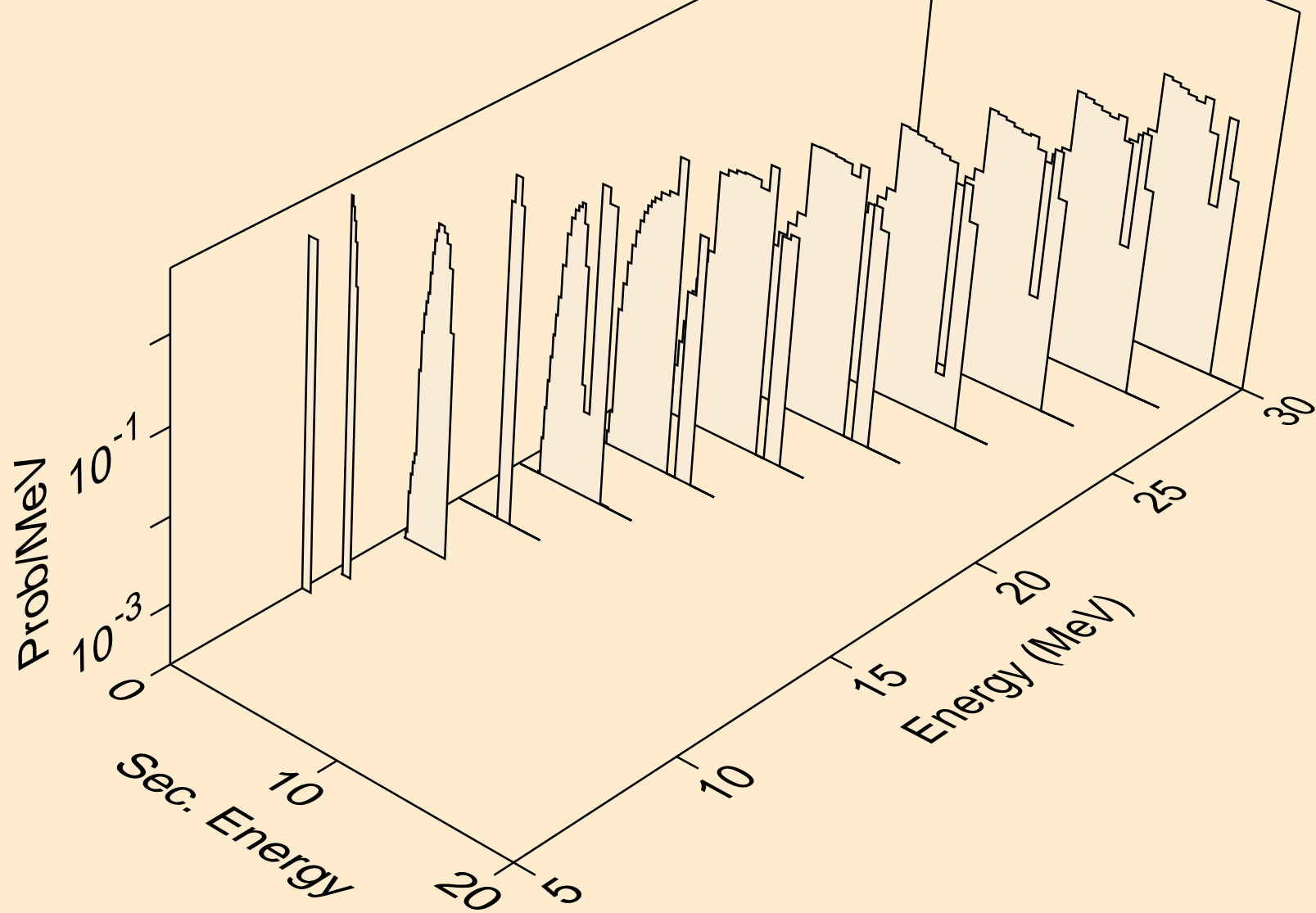
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



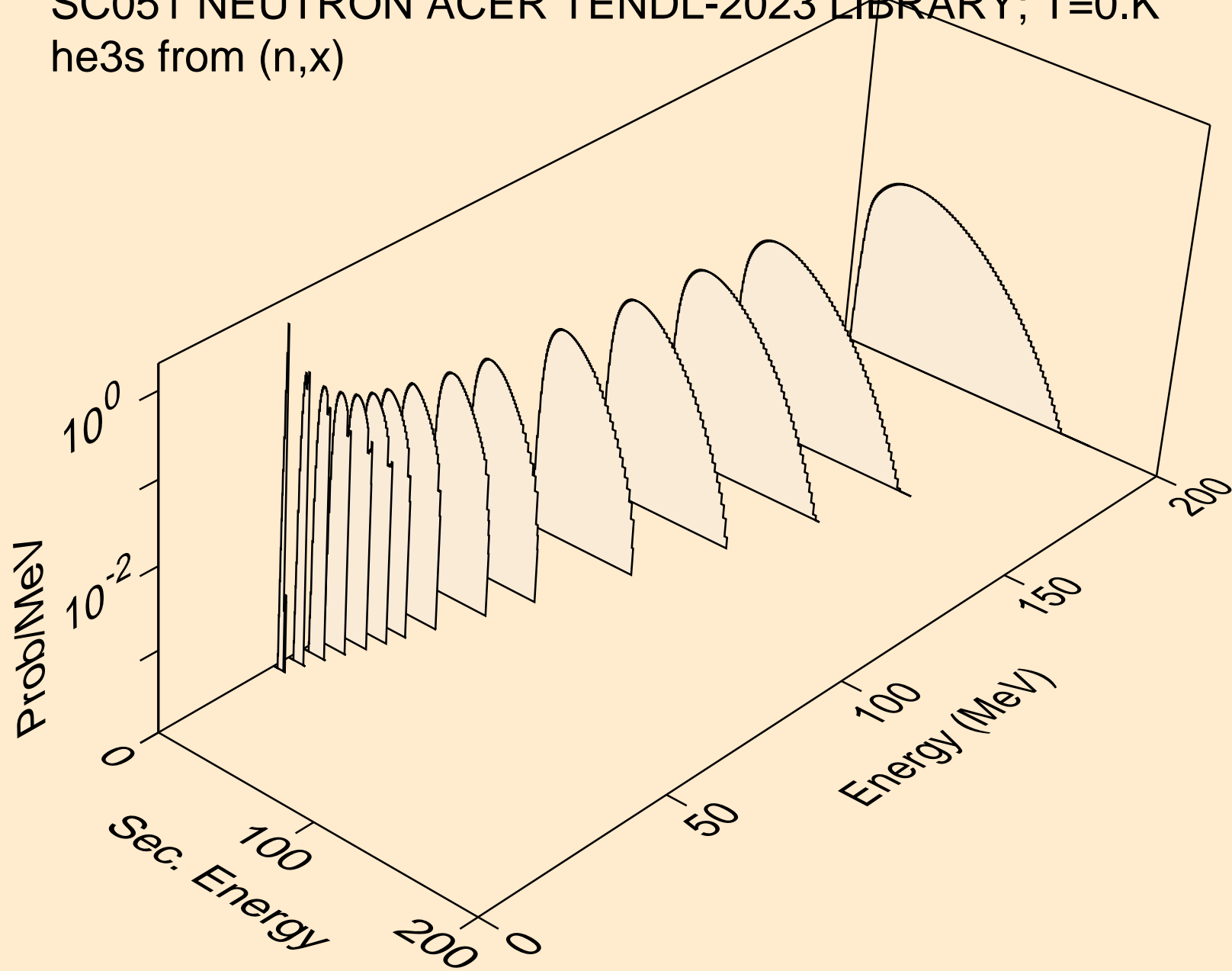
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tritons from (n,n\*)t



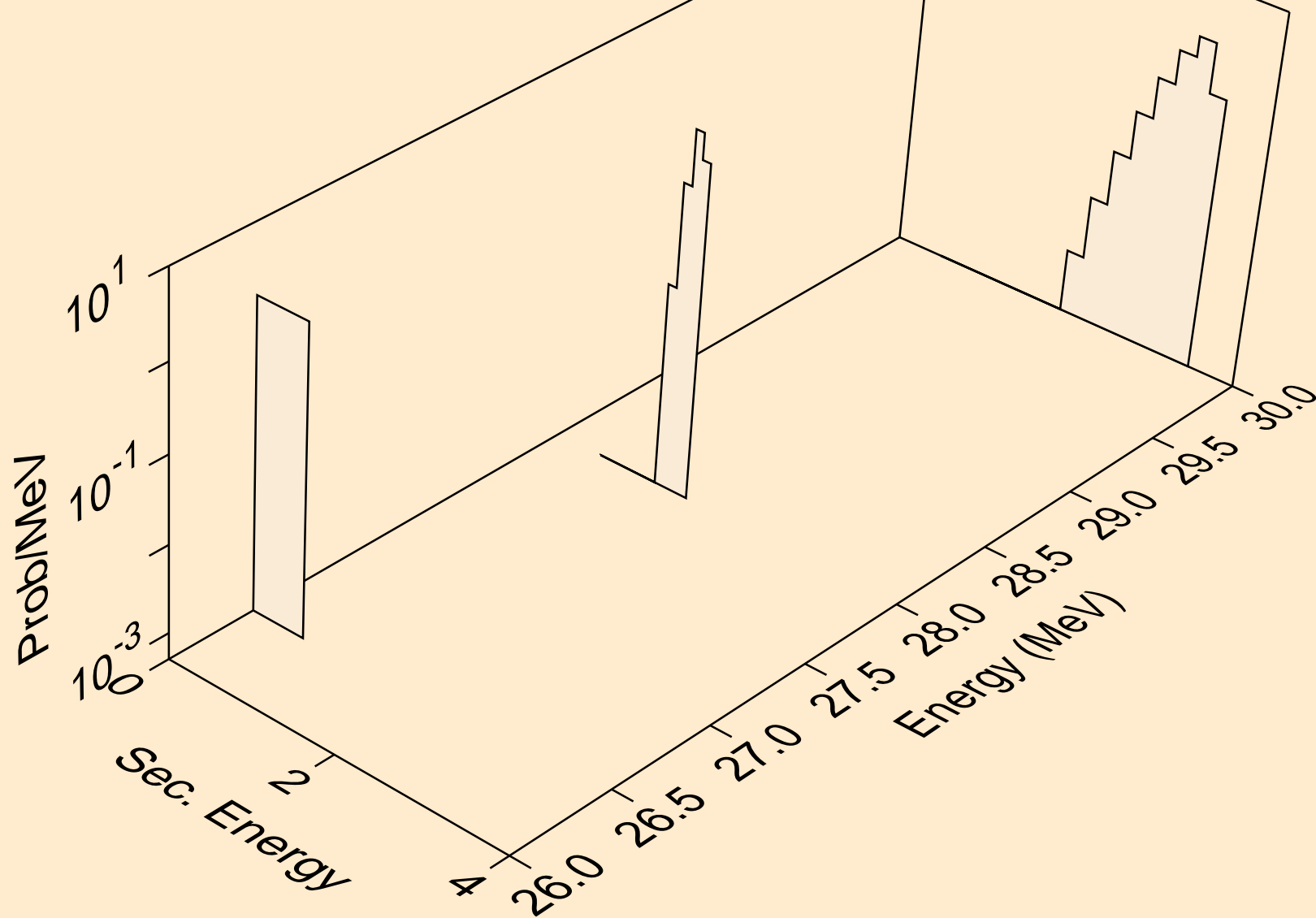
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tritons from (n,t)



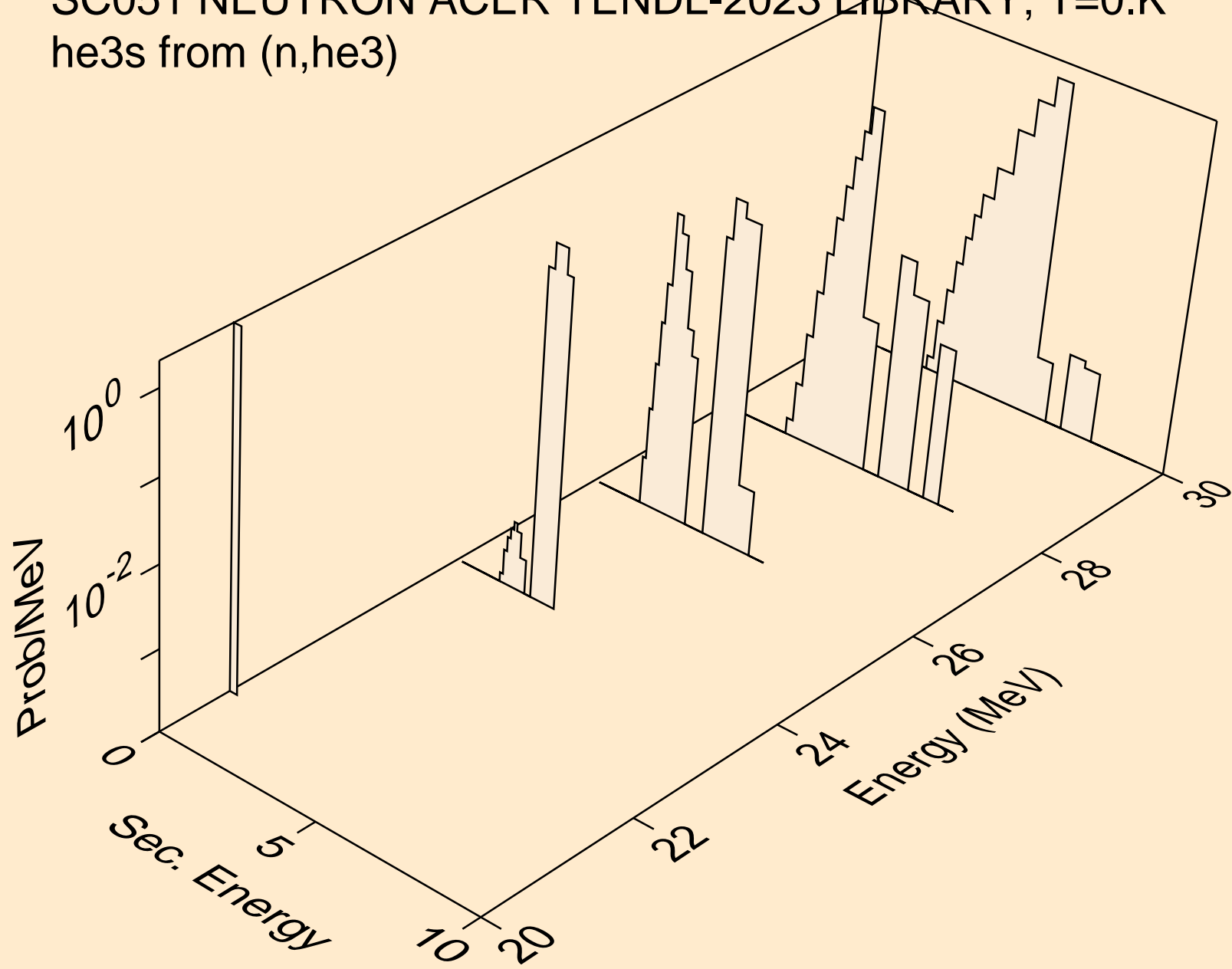
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he3s from (n,x)



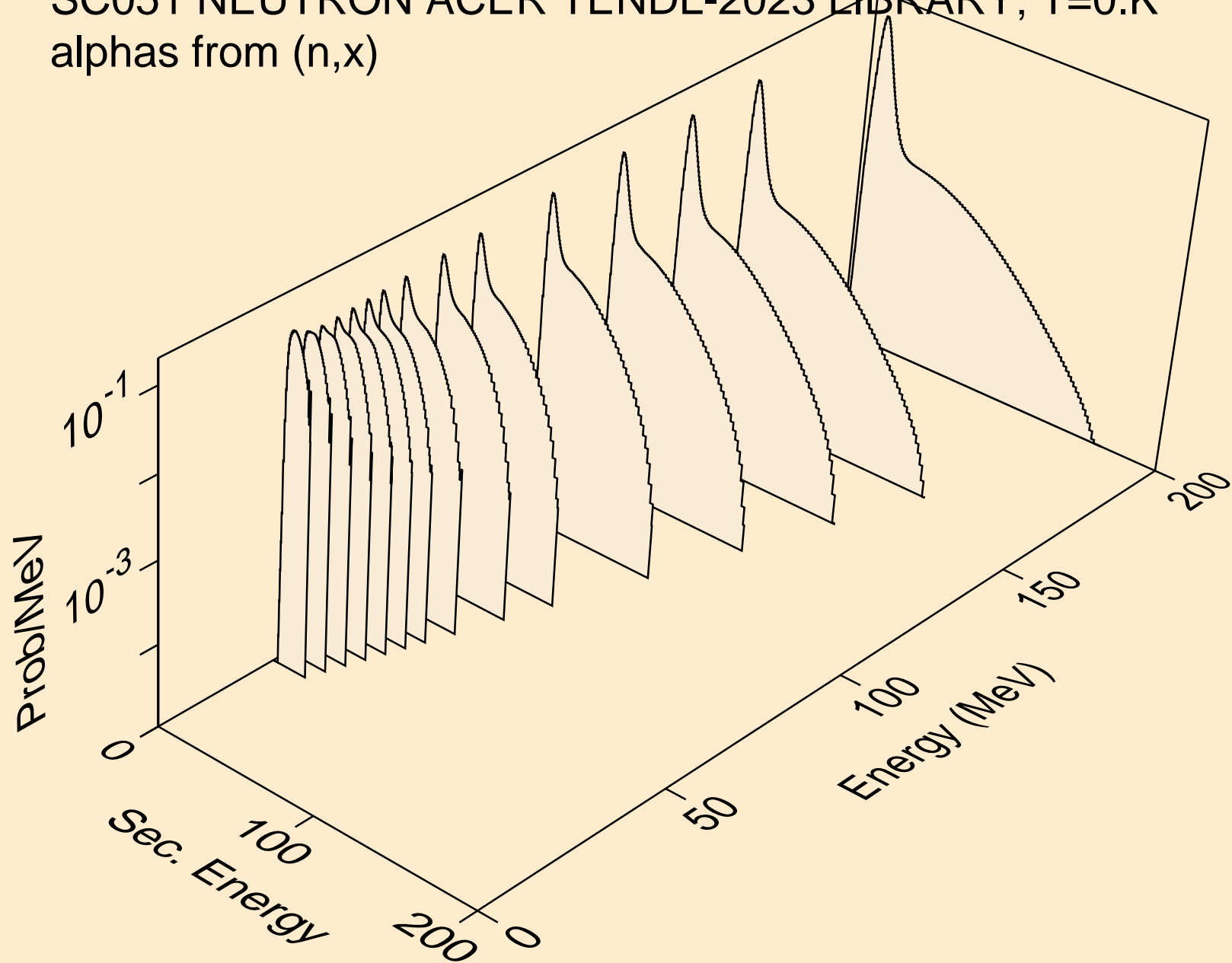
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

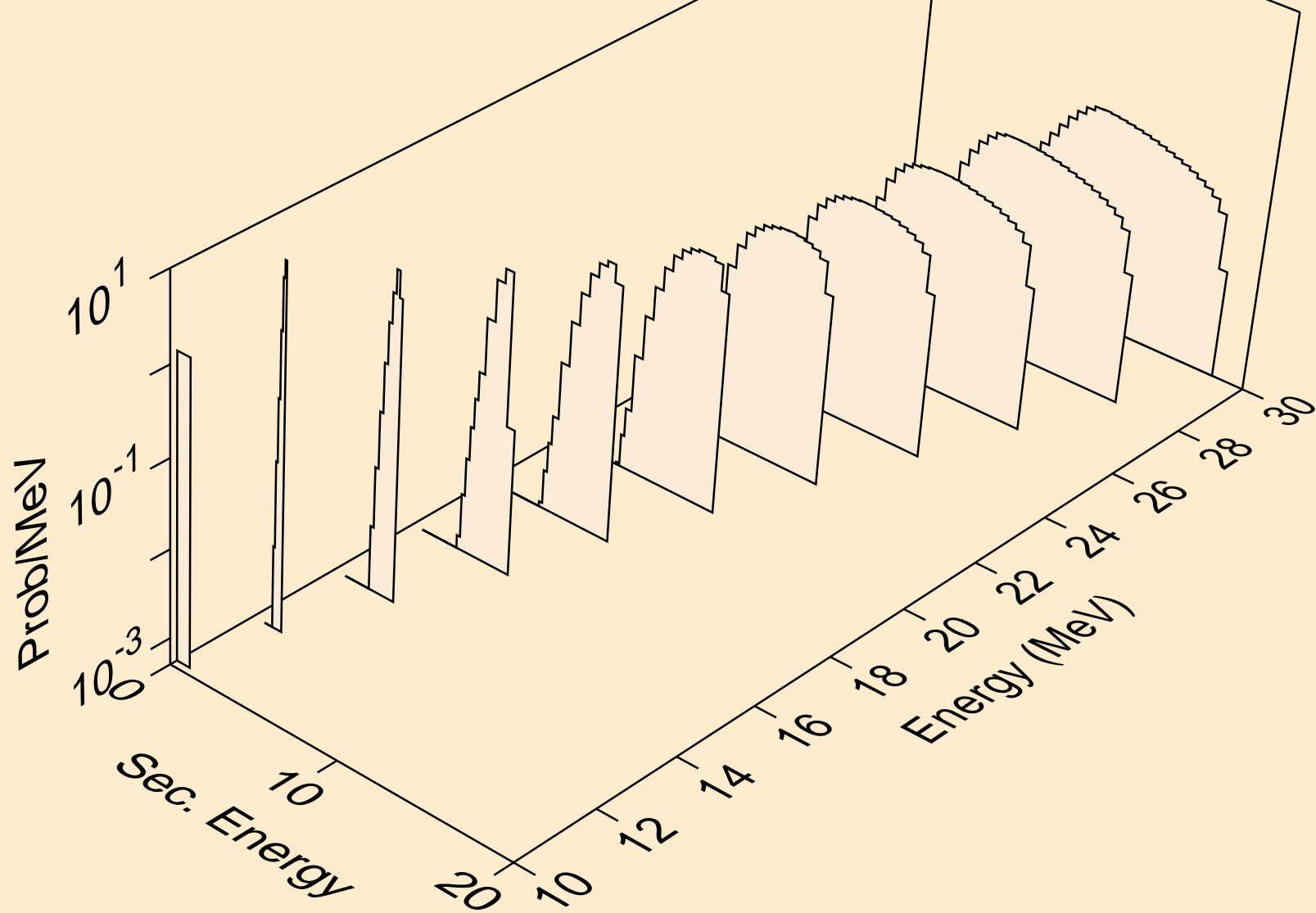


SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

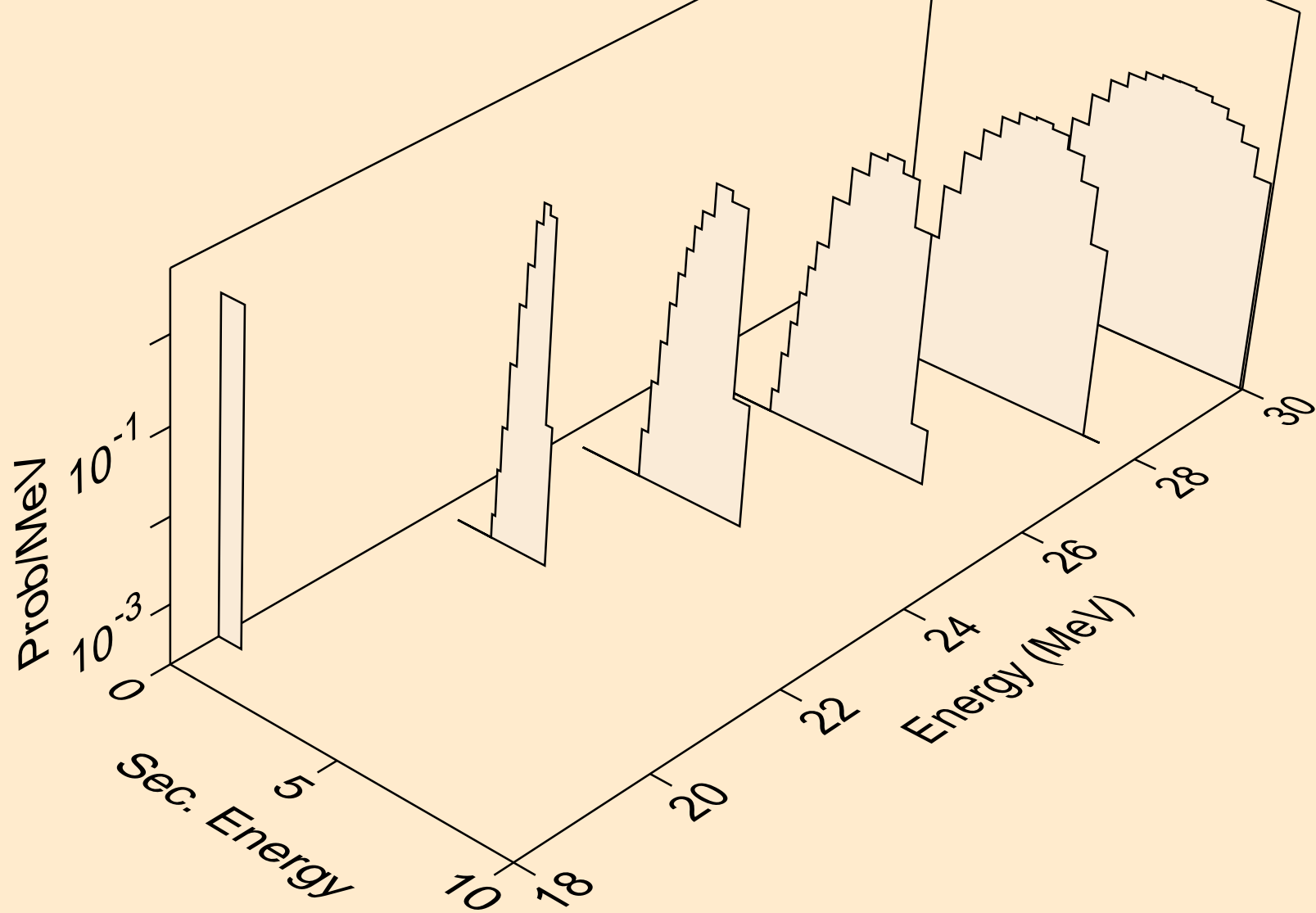




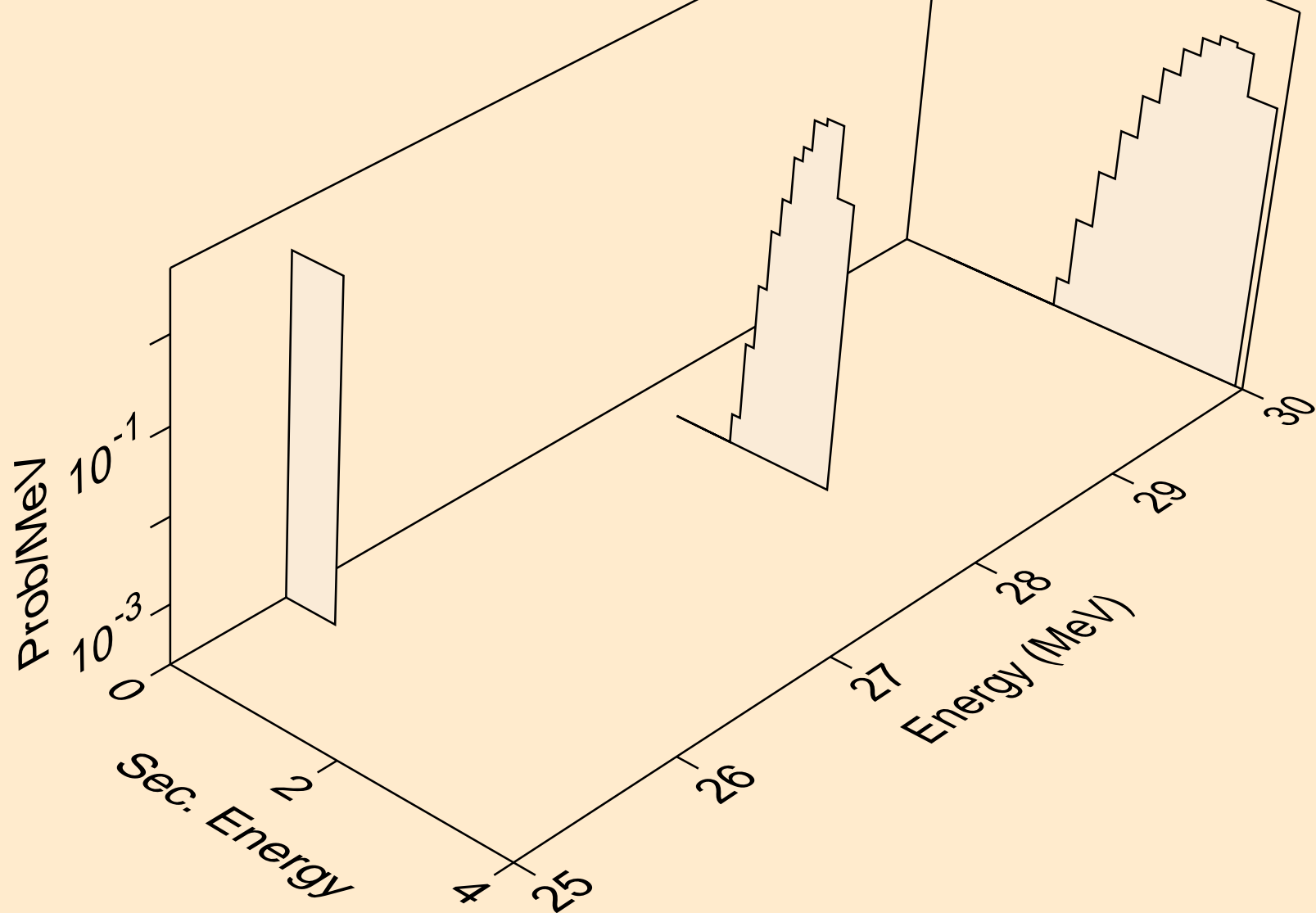
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



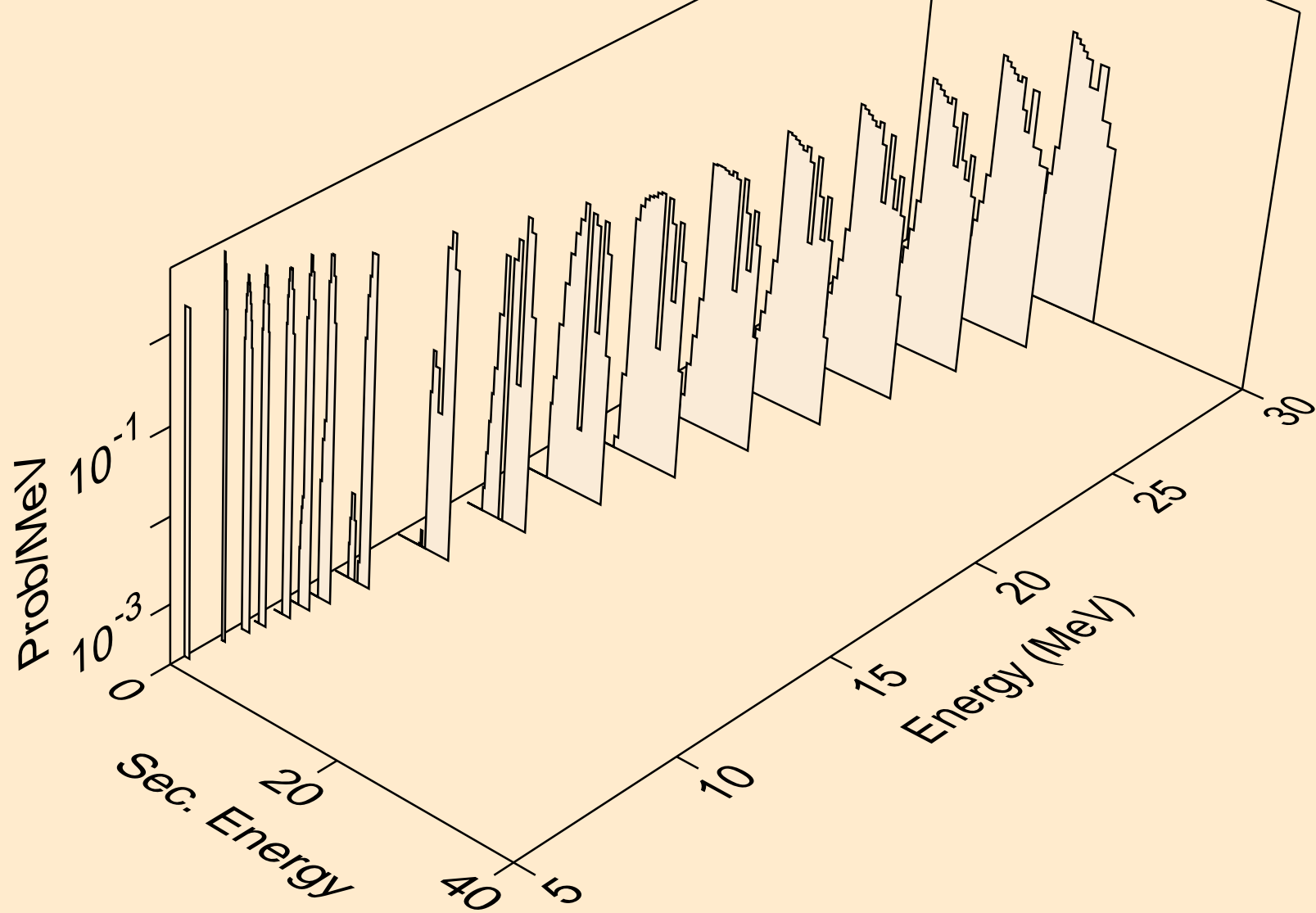
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



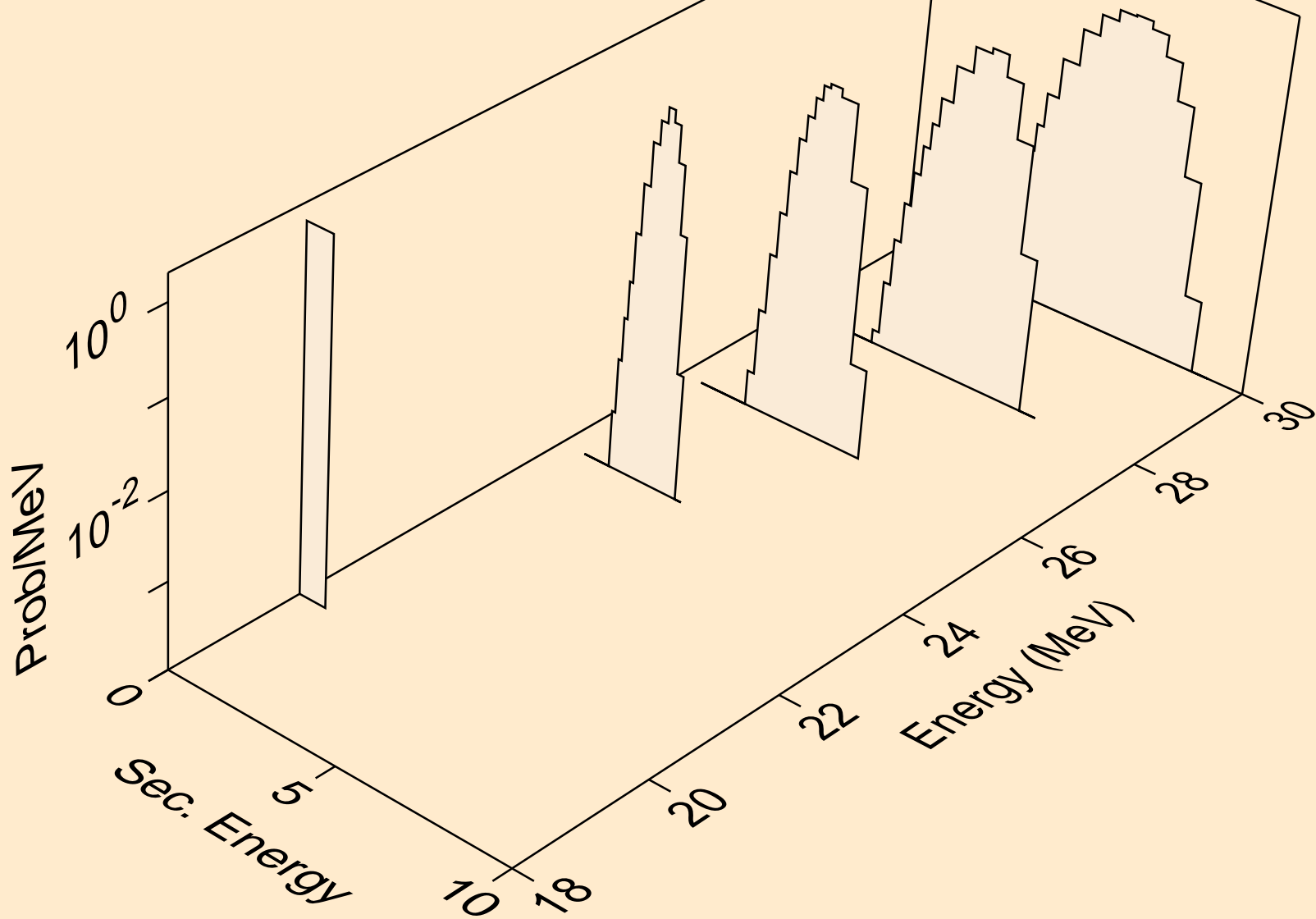
SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



SC051 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

