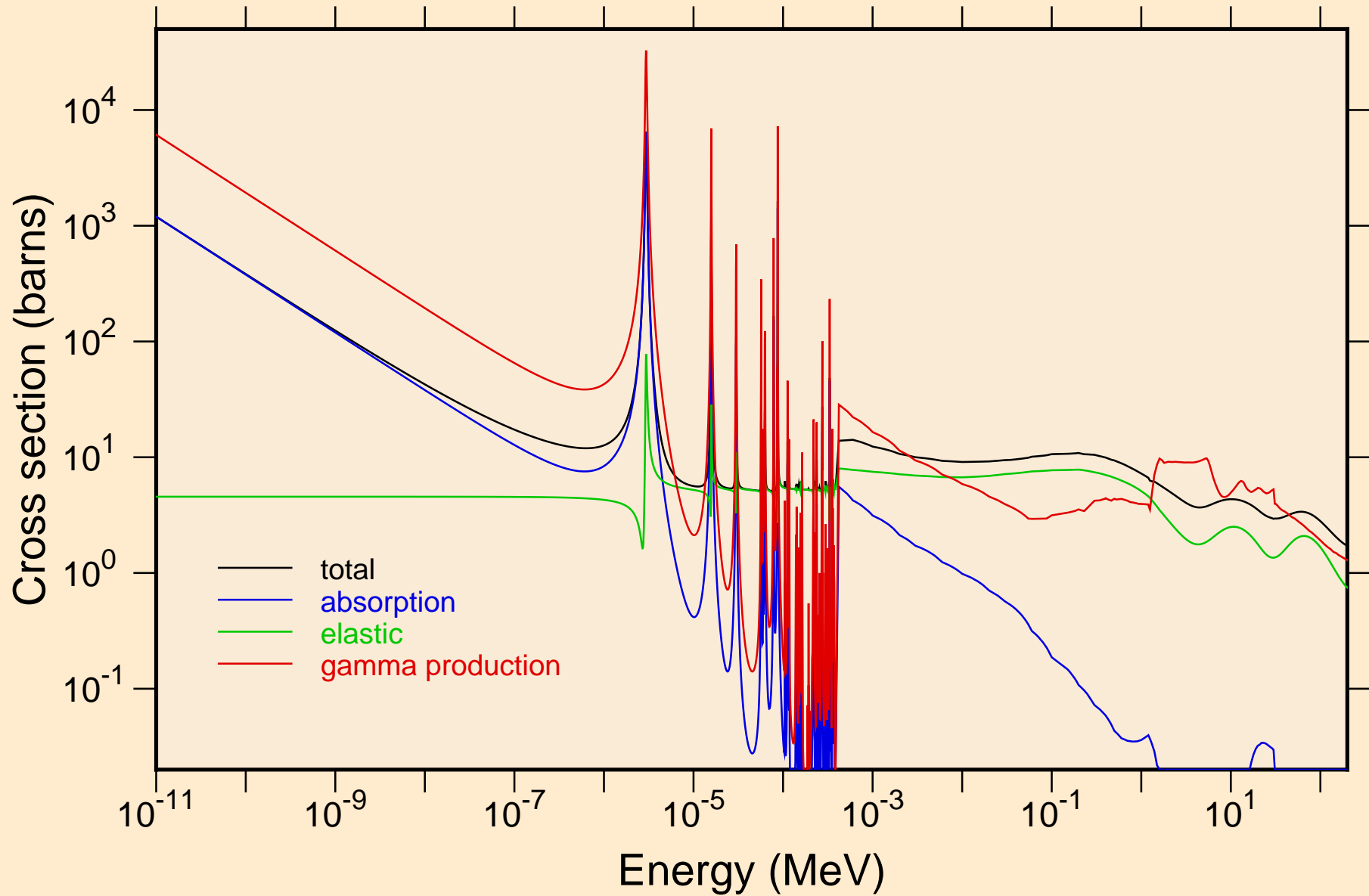
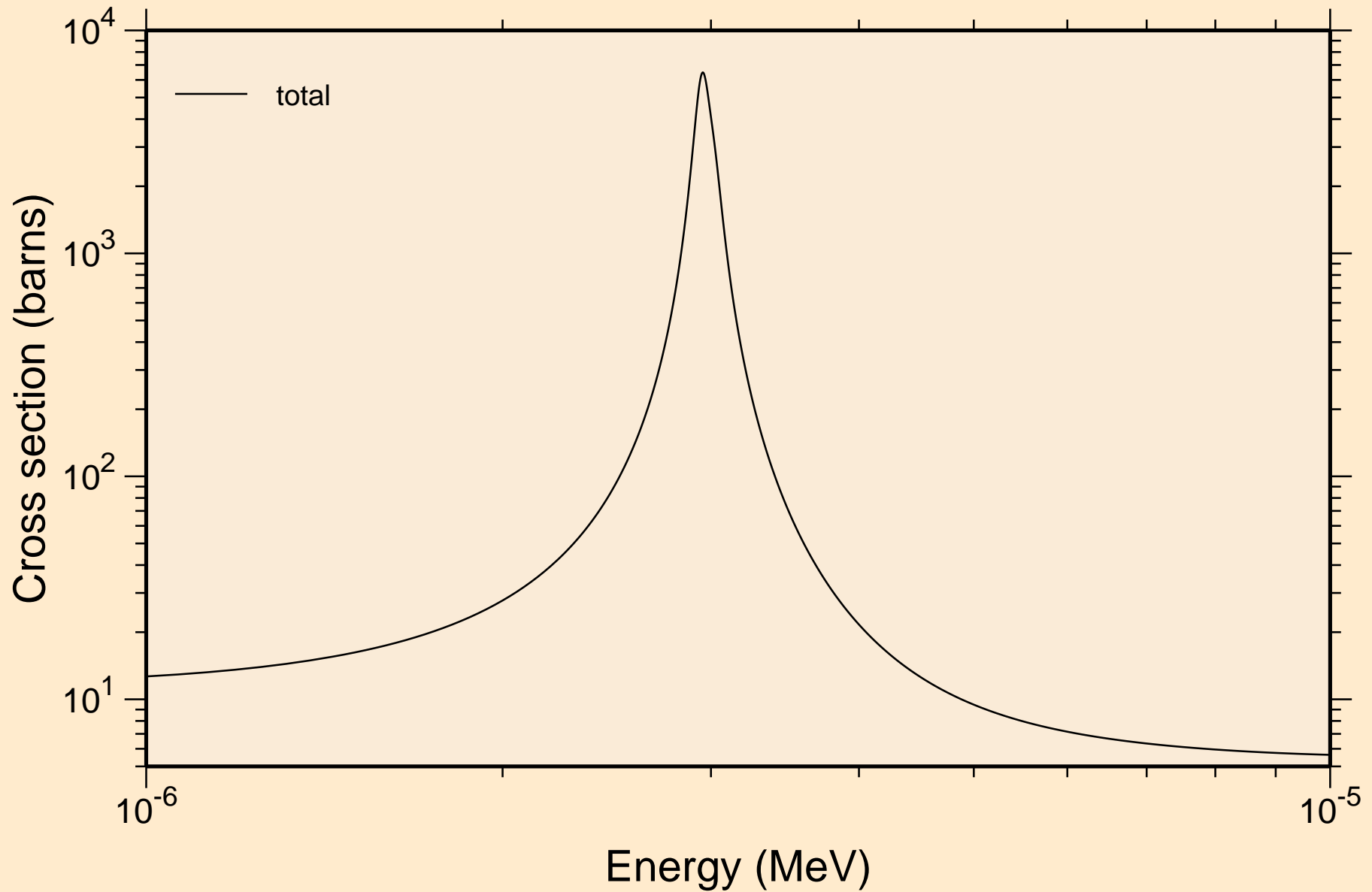


# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

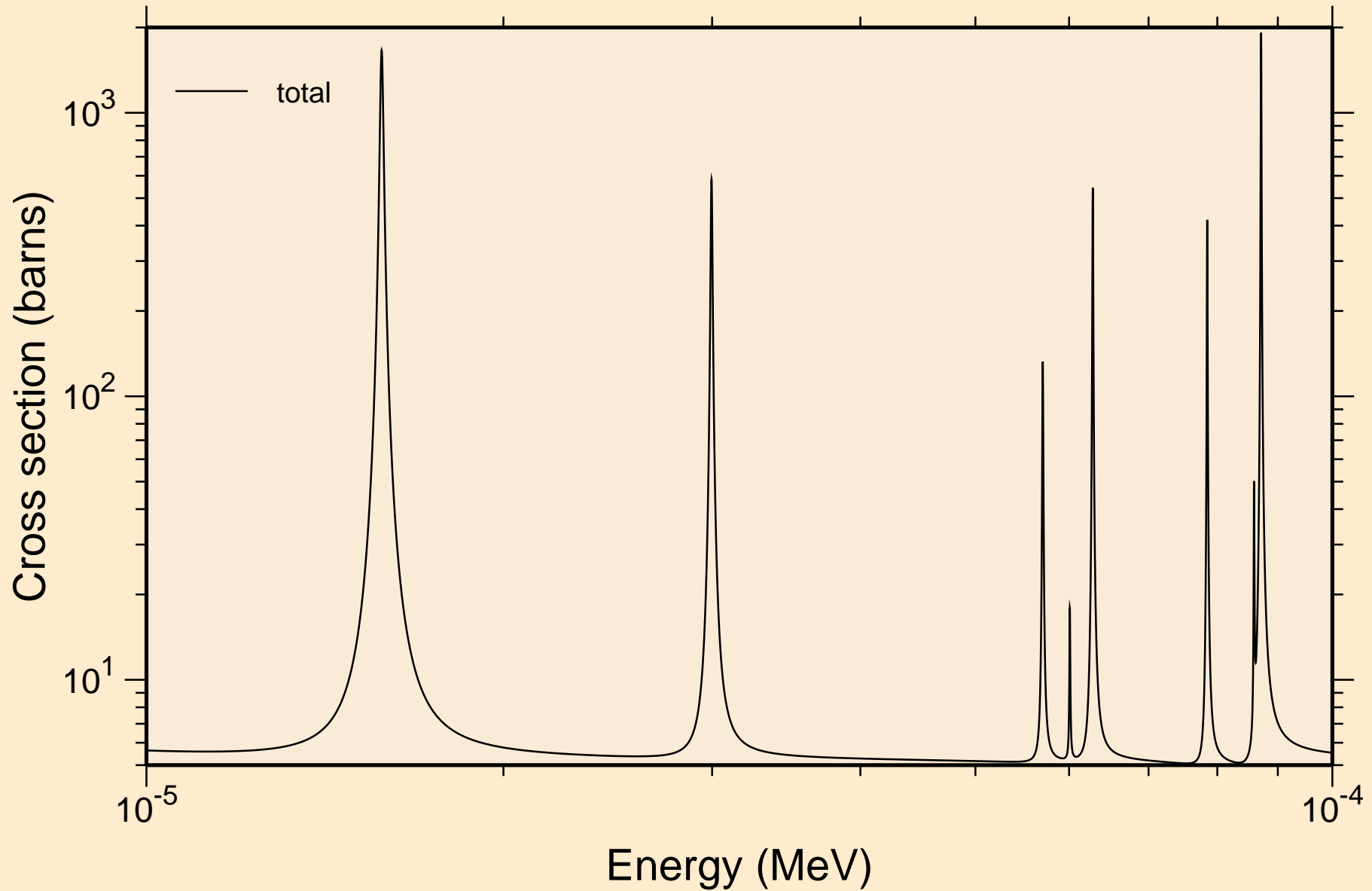
## Principal cross sections



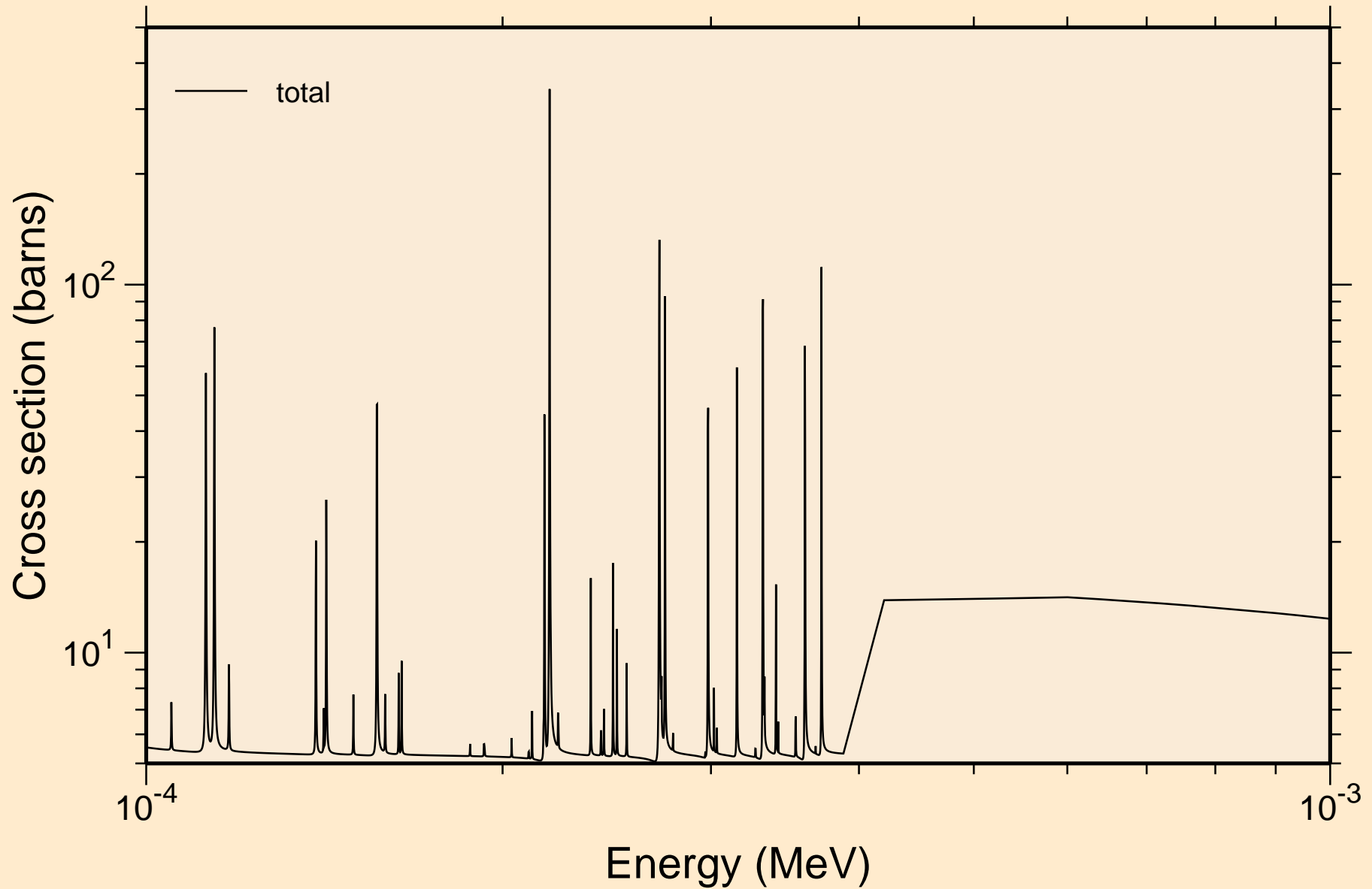
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resonance total cross section



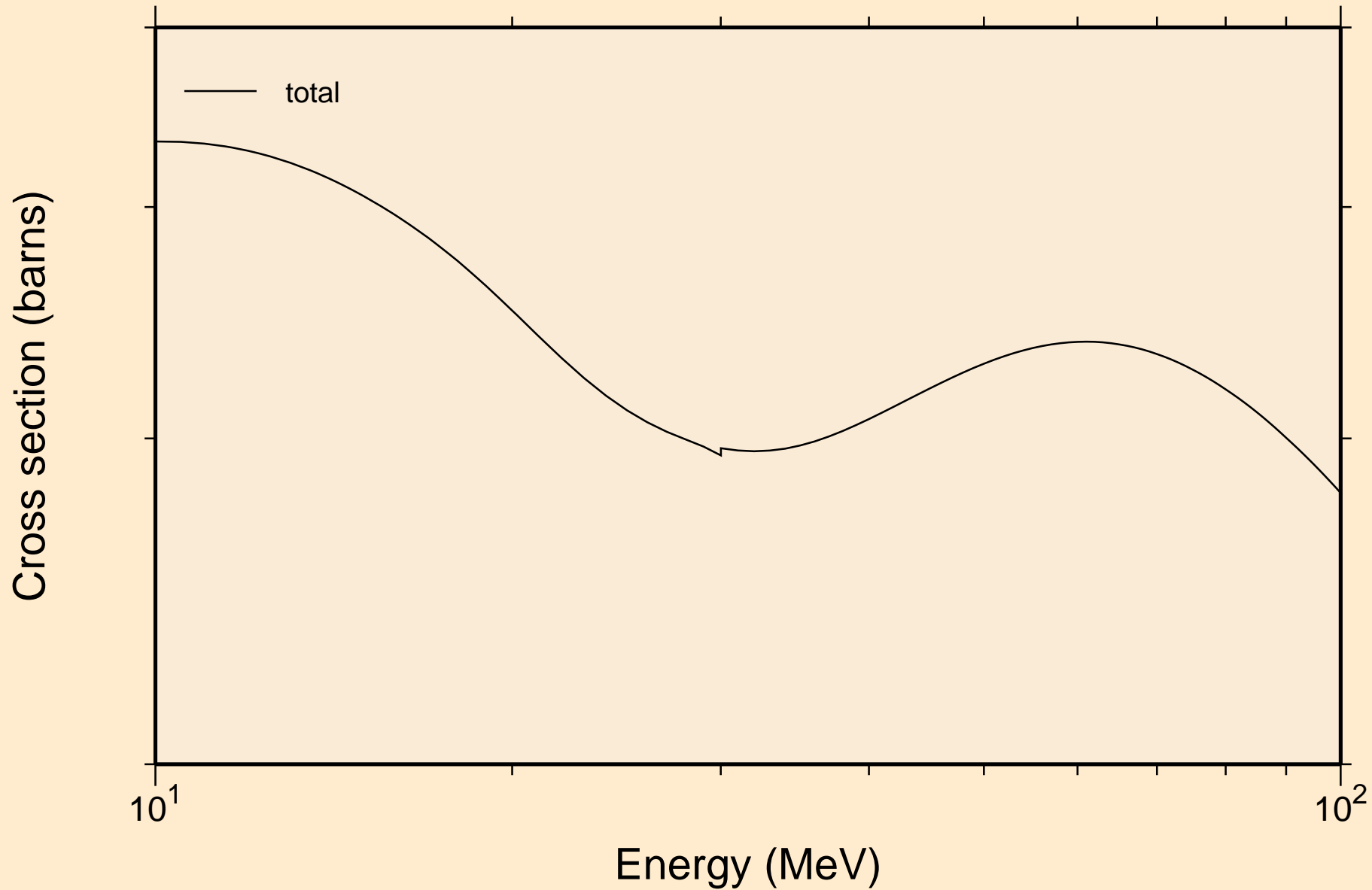
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resonance total cross section



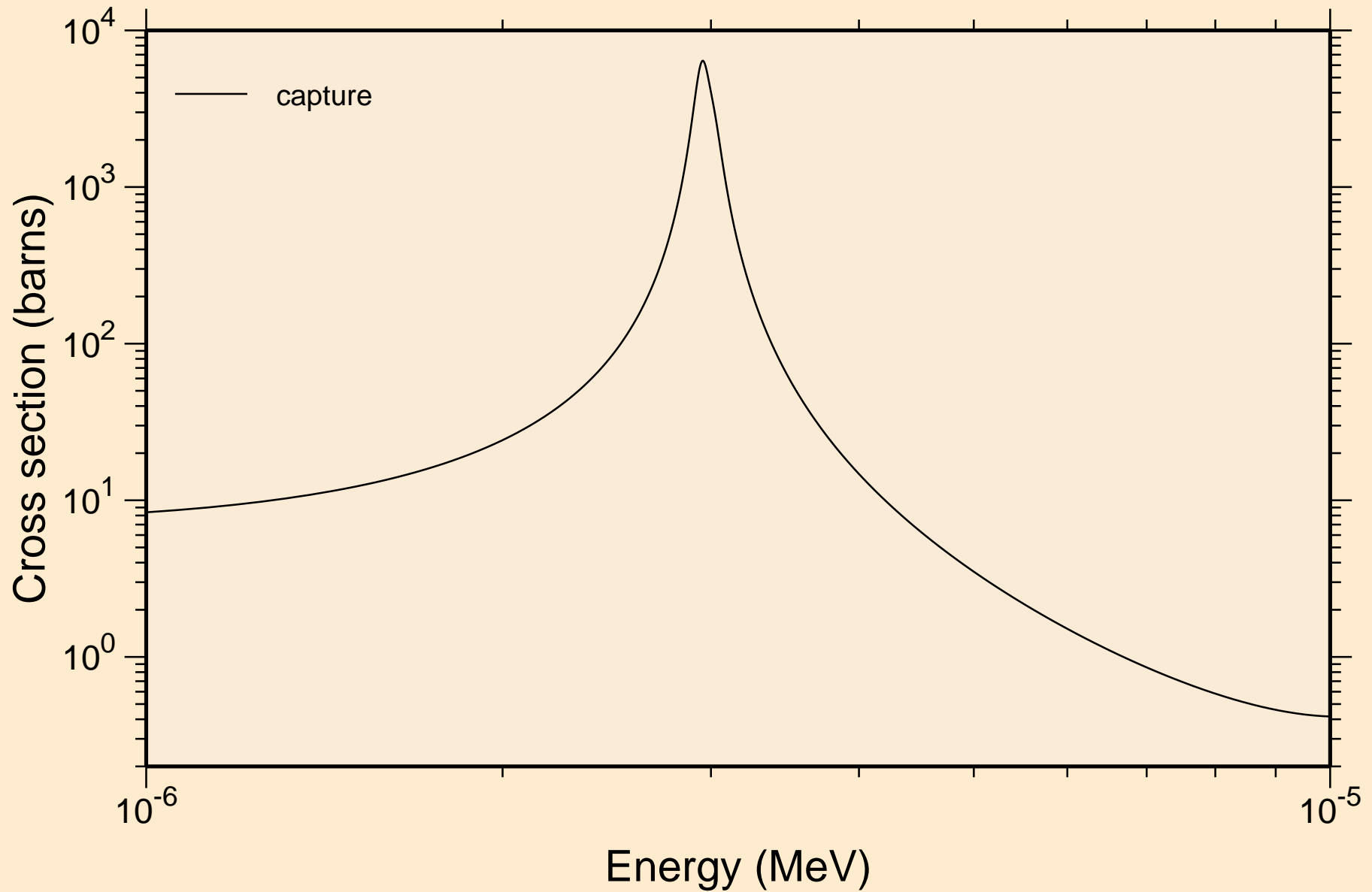
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resonance total cross section



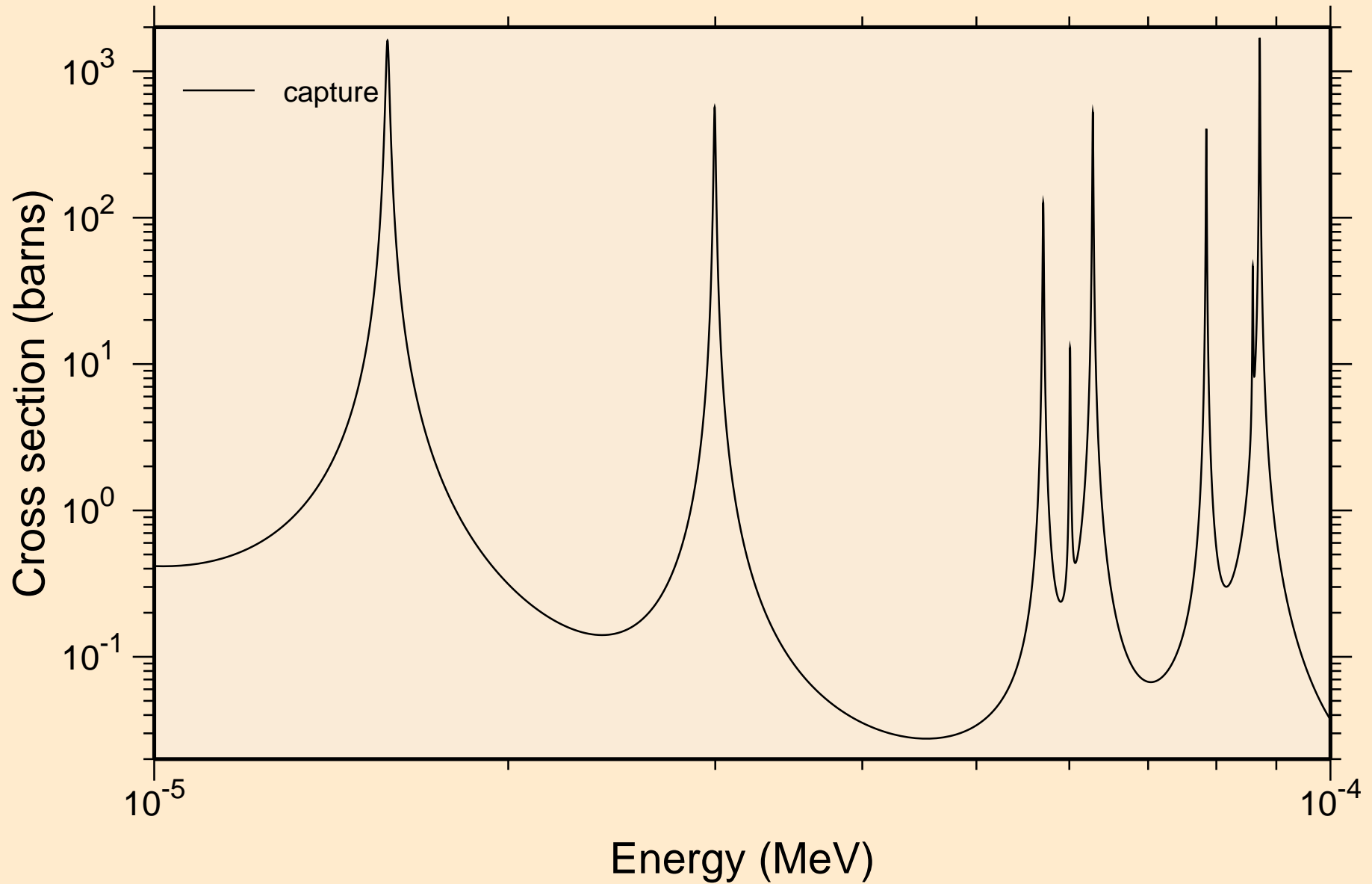
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resonance total cross section



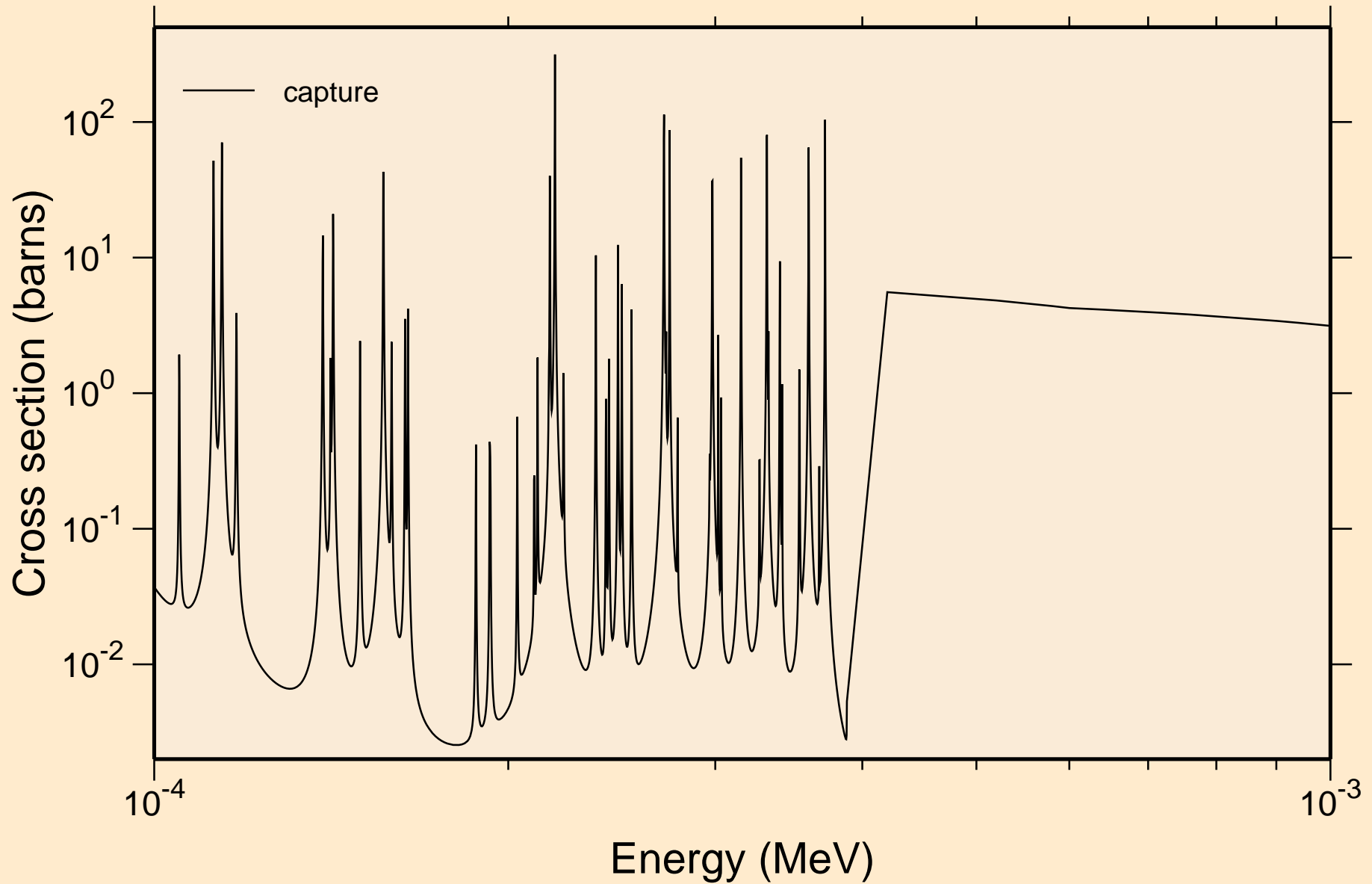
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

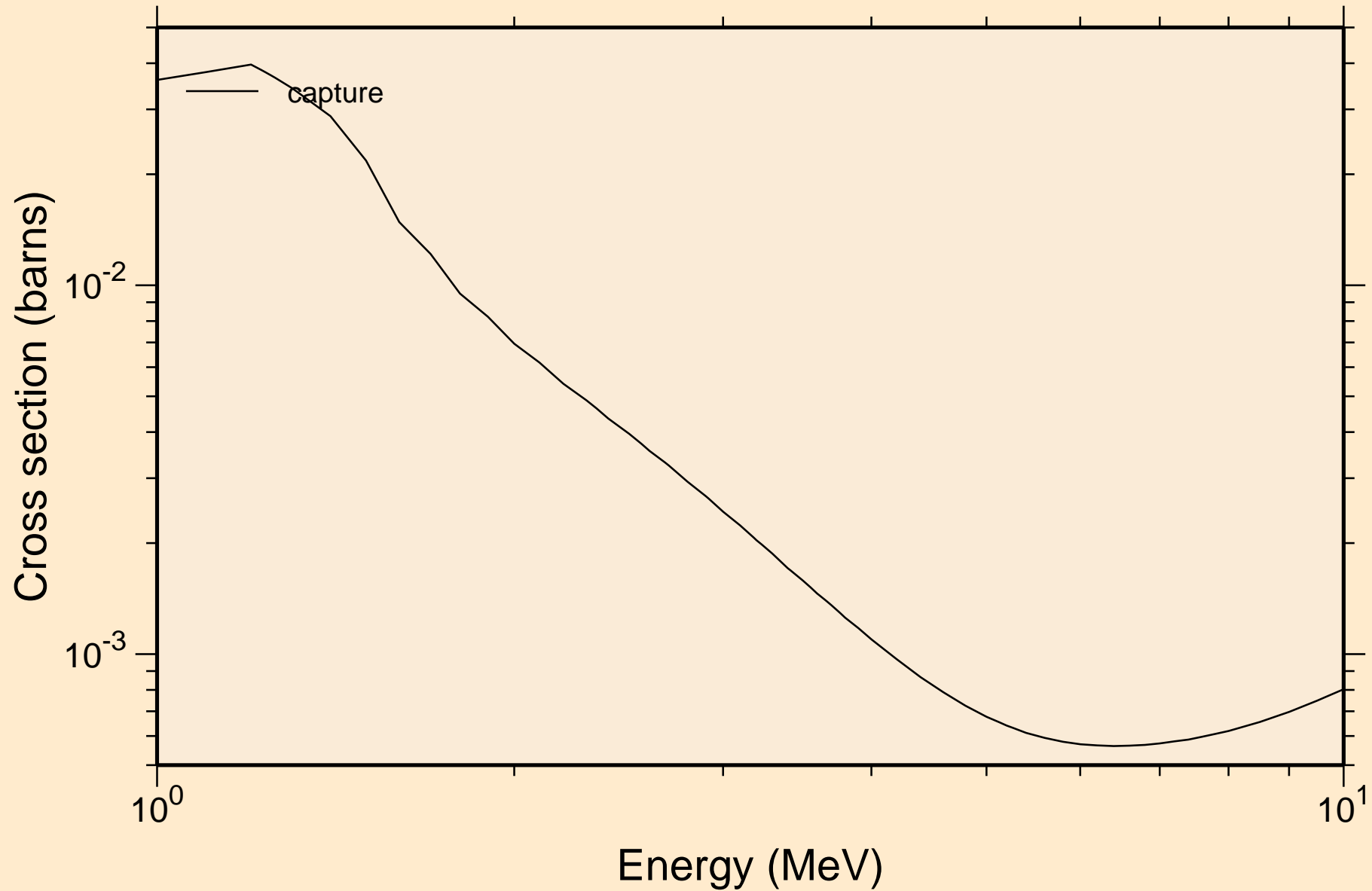


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

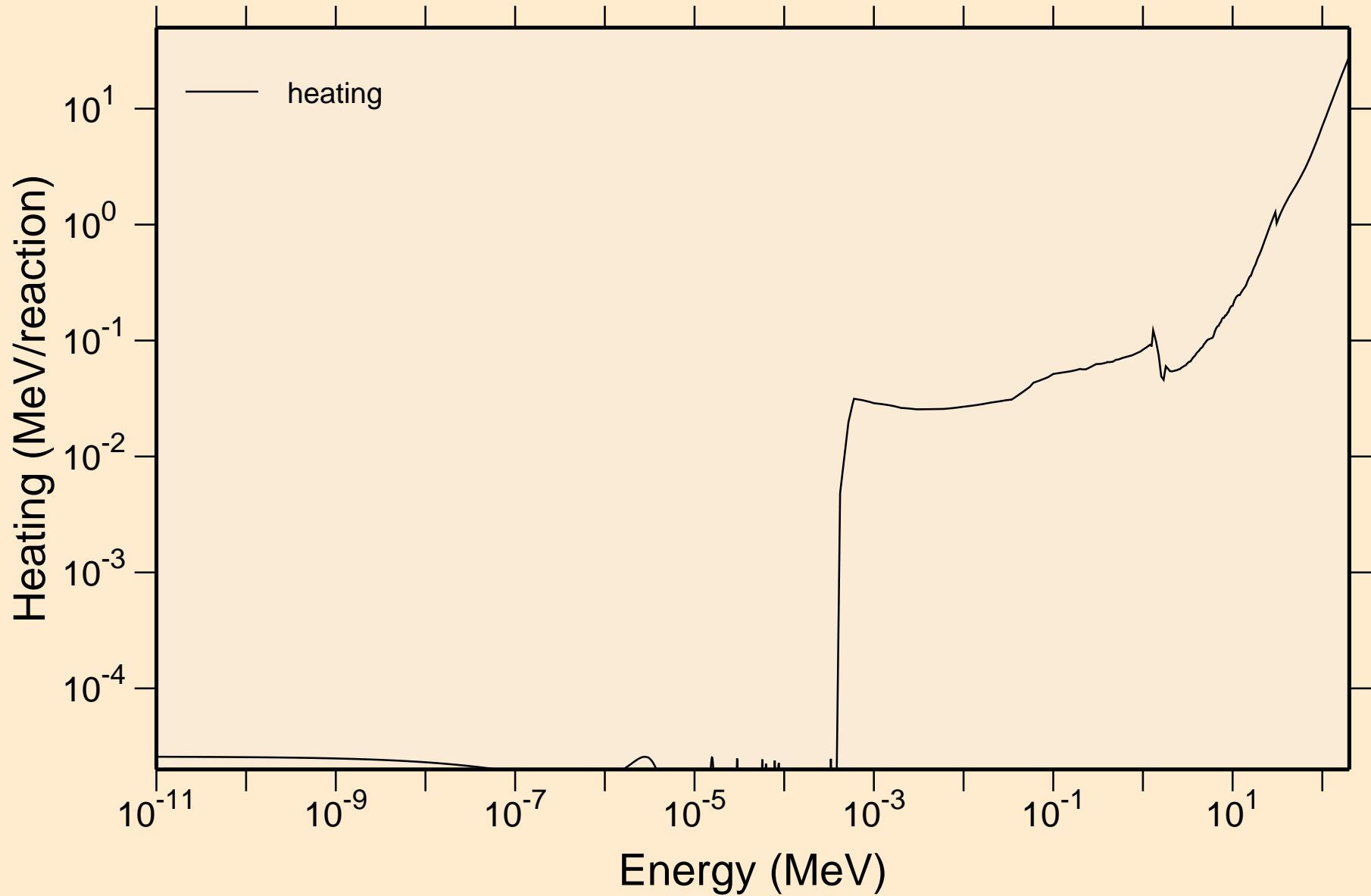




NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

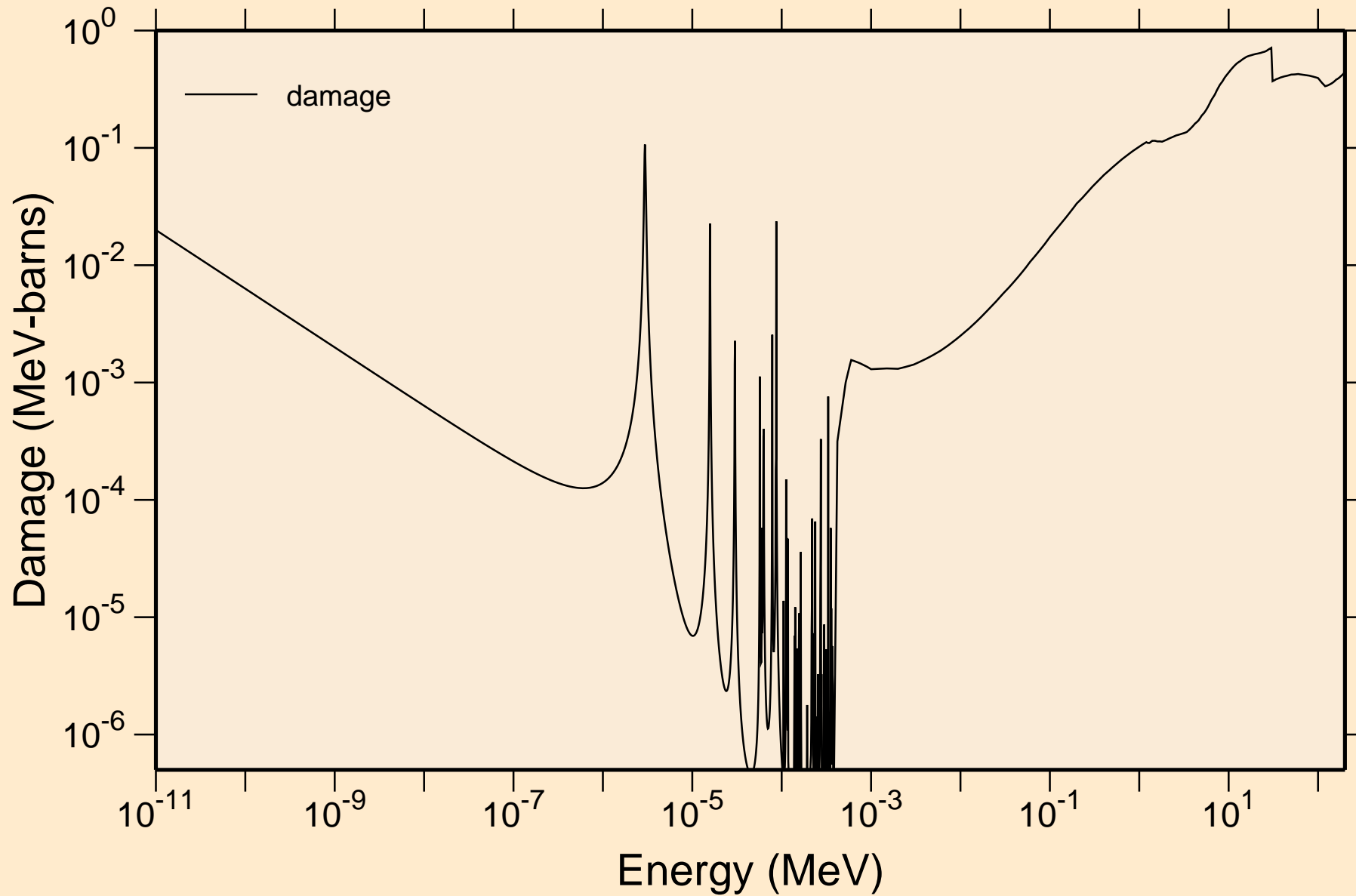


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

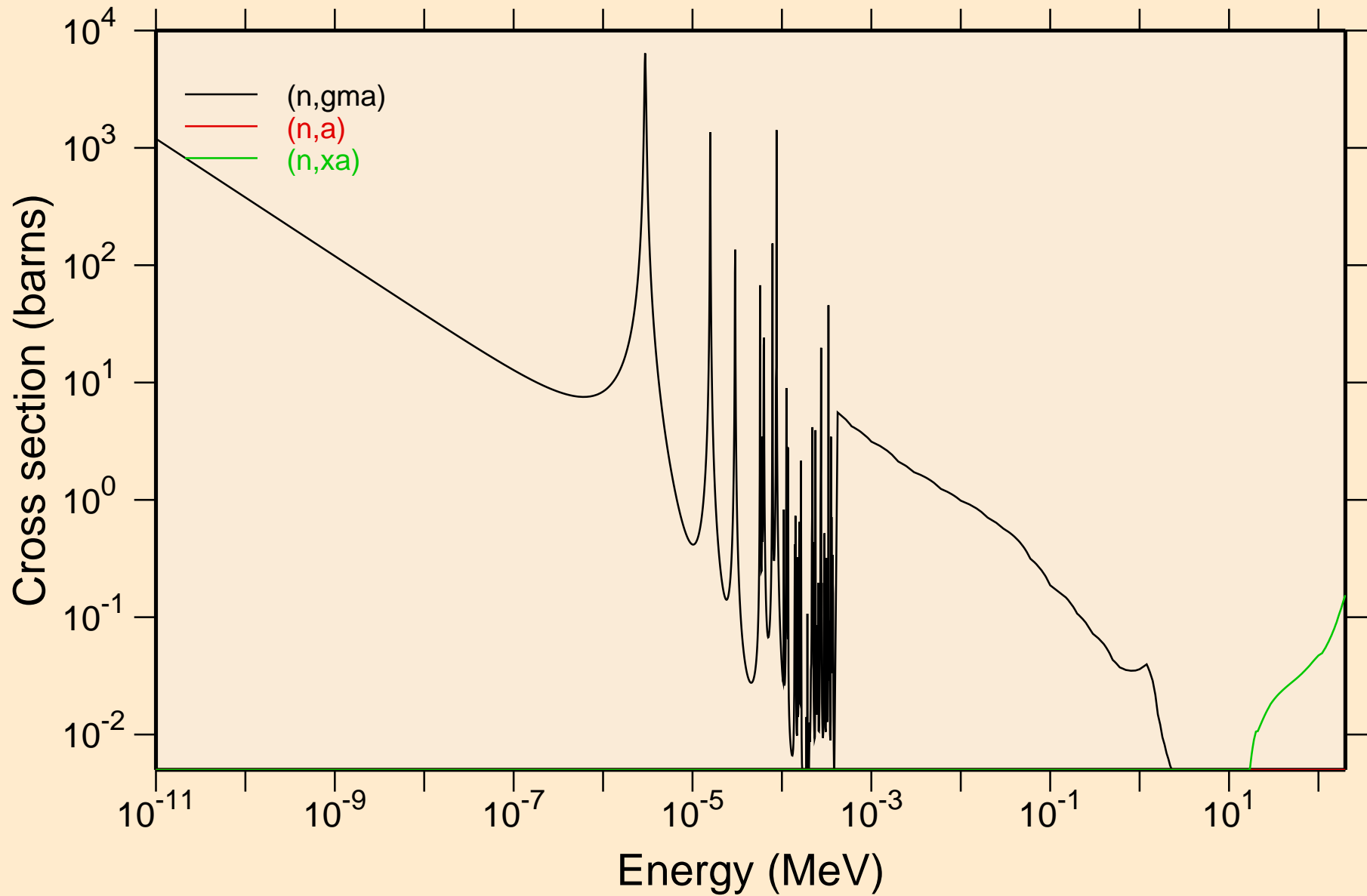


# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

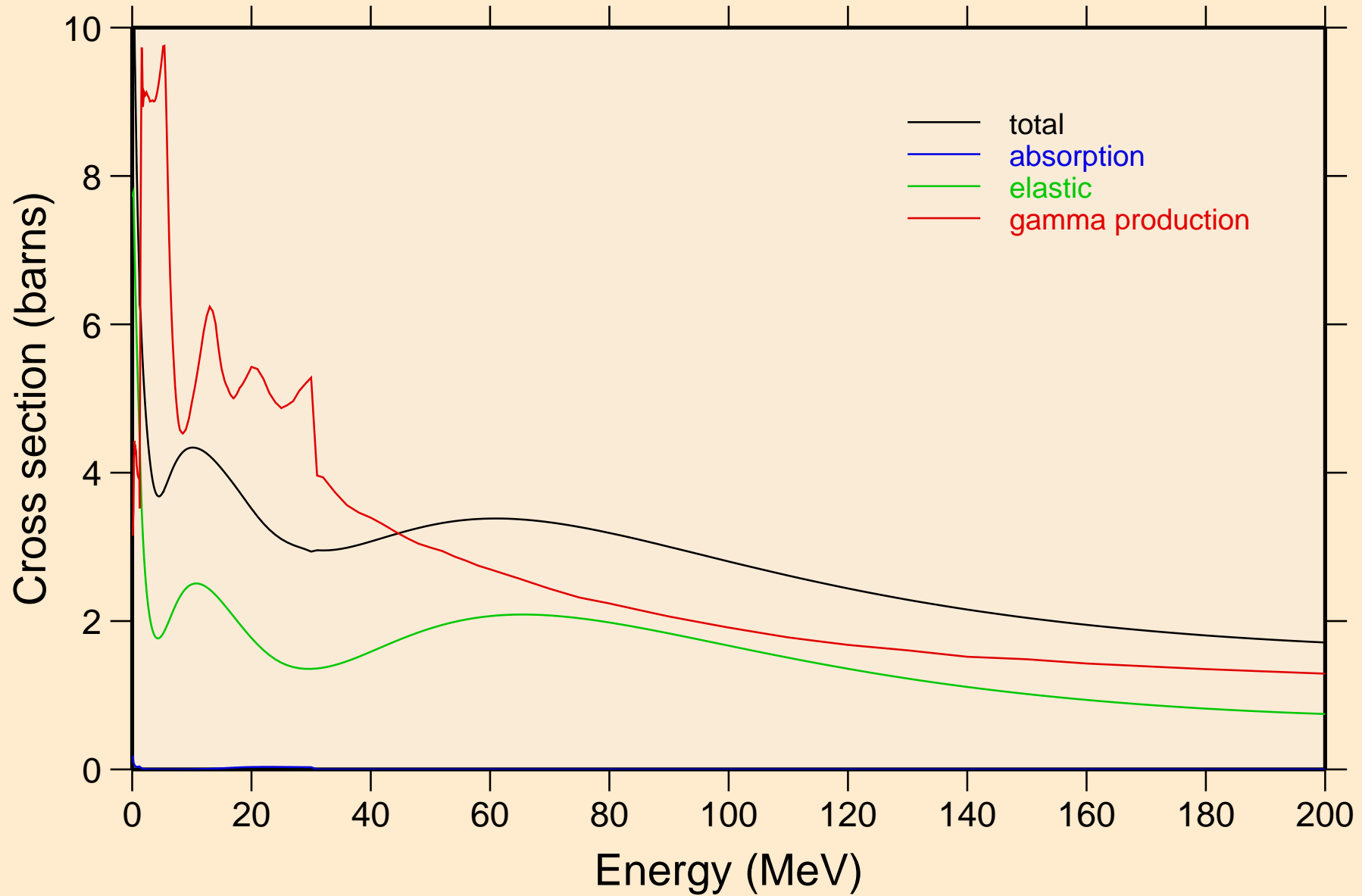


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



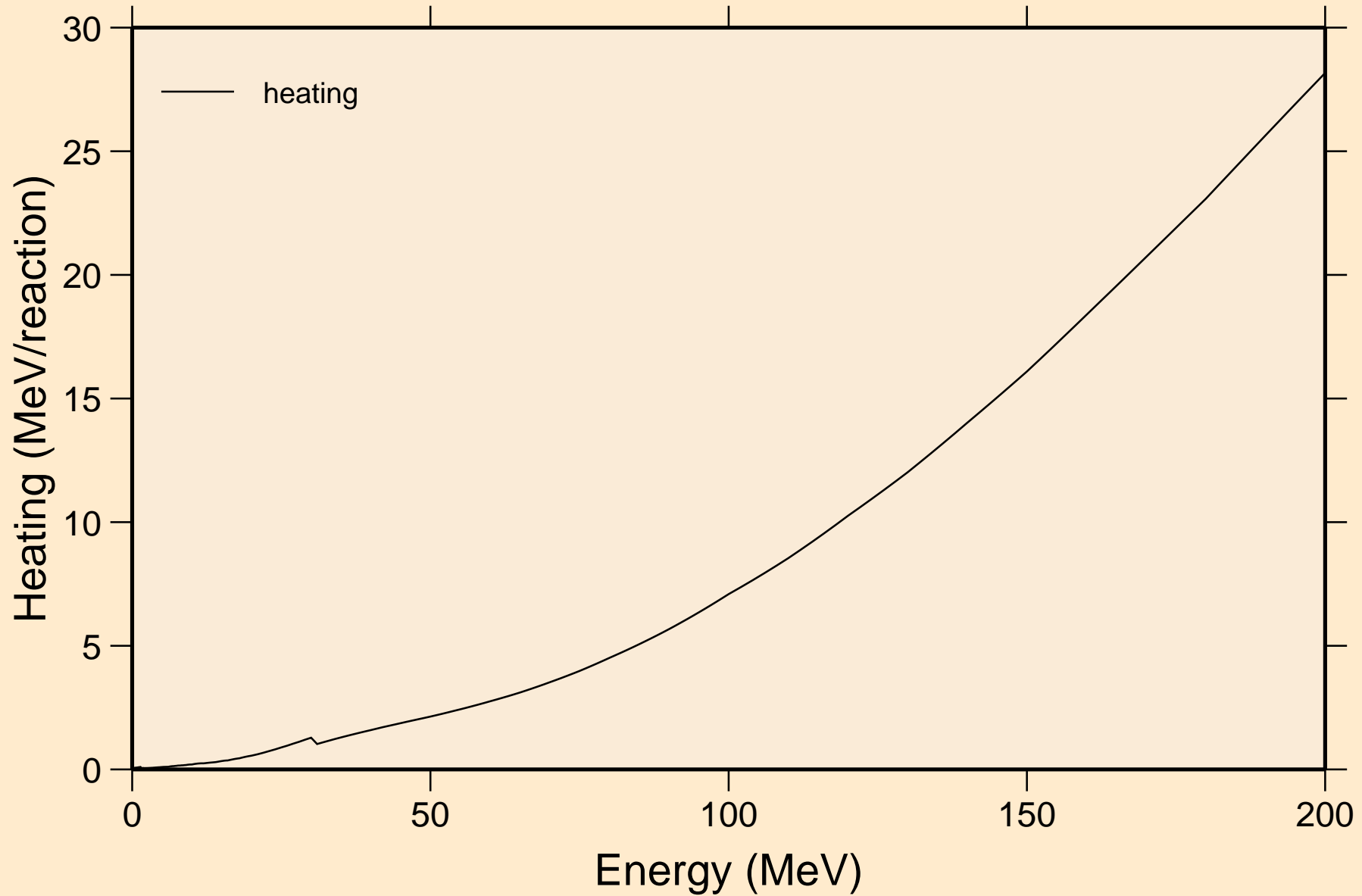
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## Principal cross sections



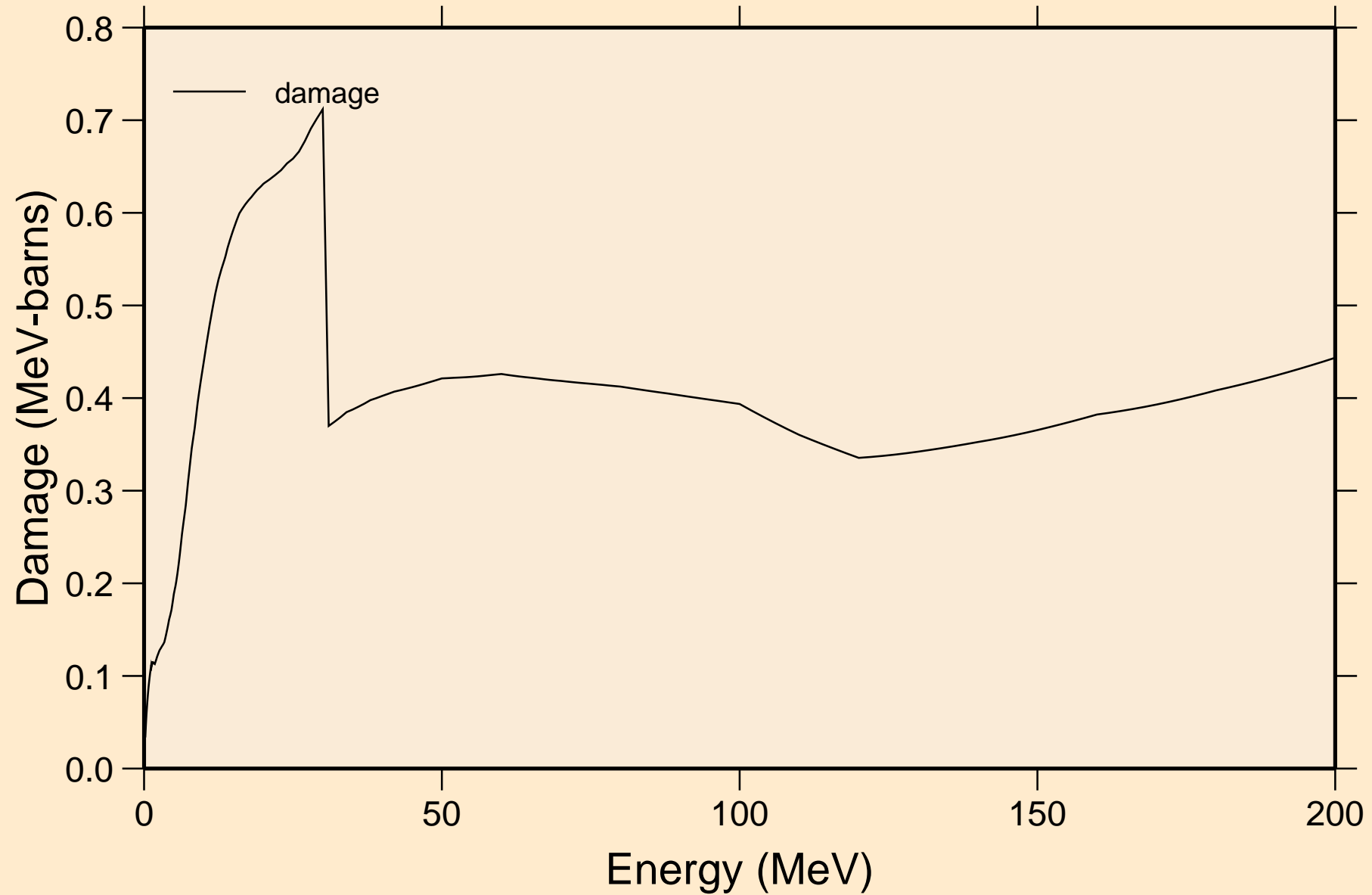
# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

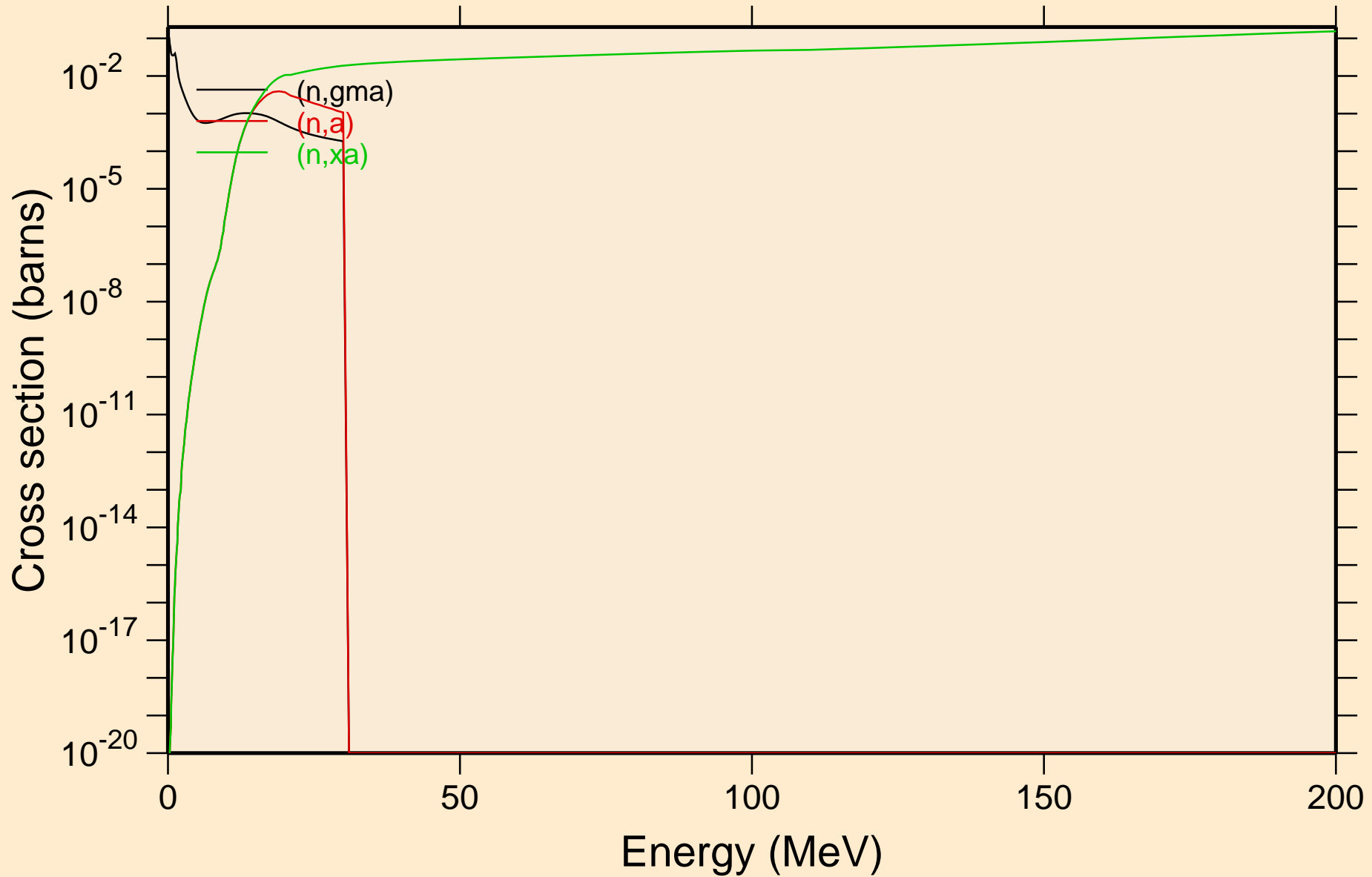


# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

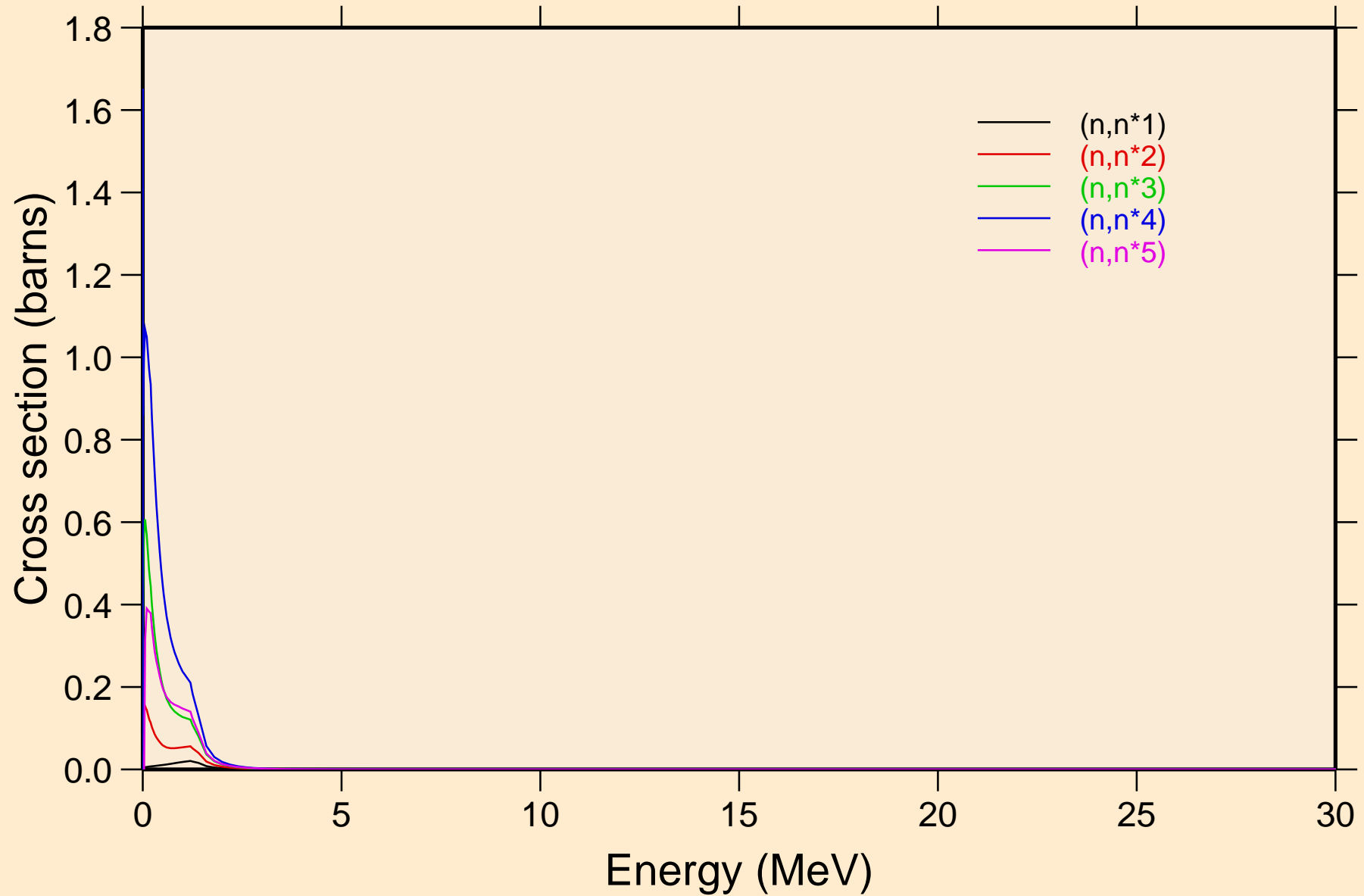


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

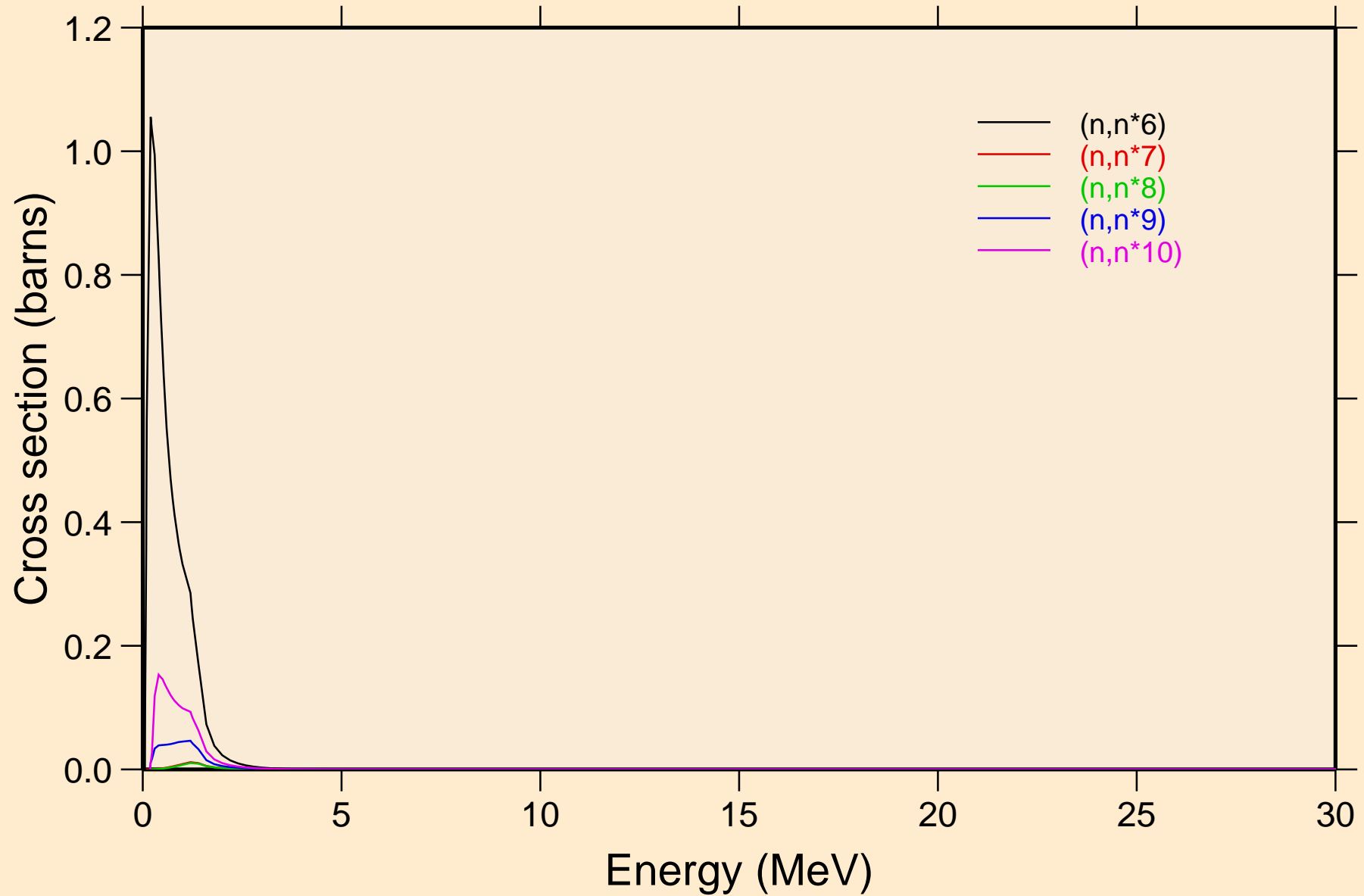




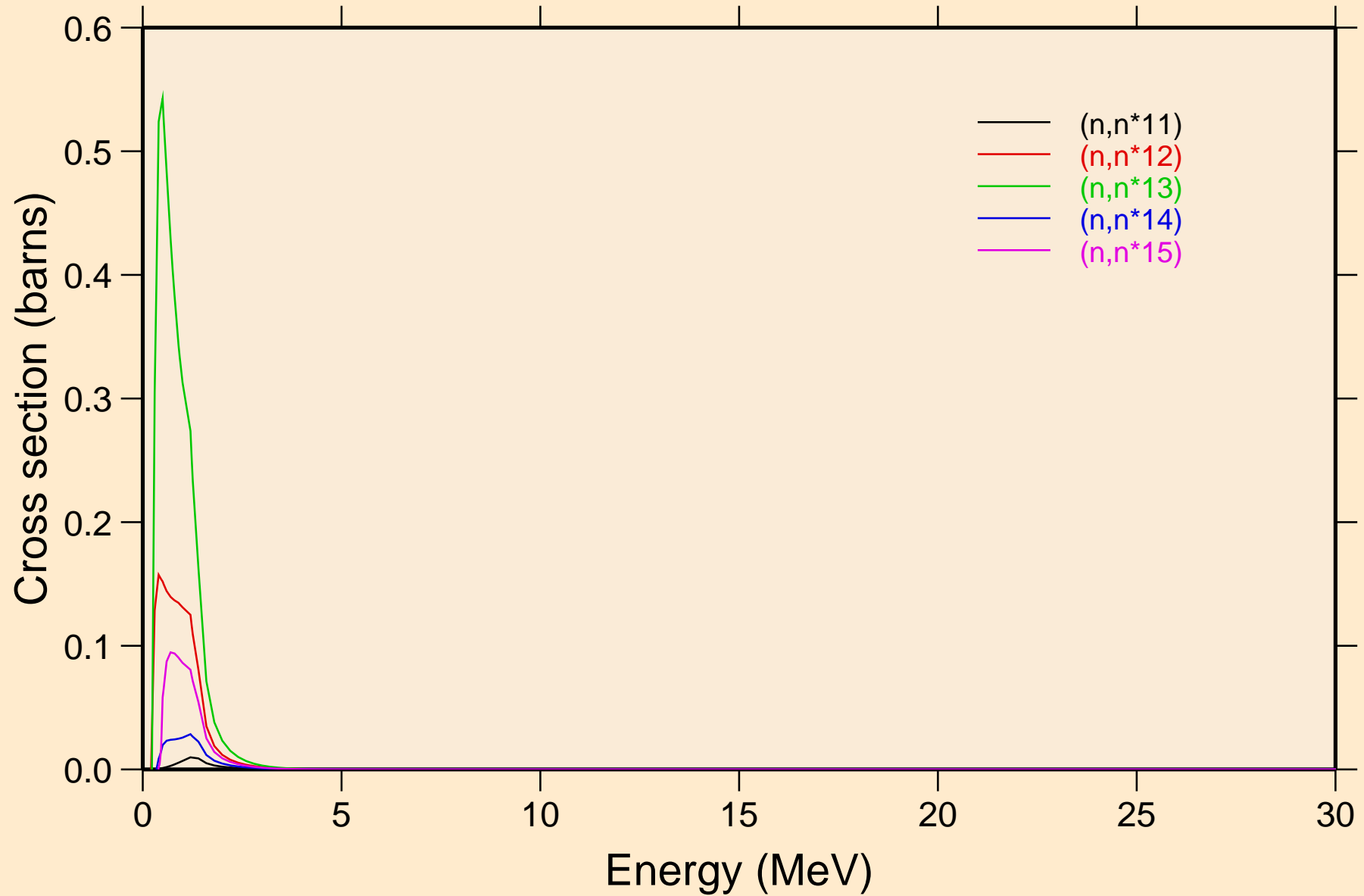
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



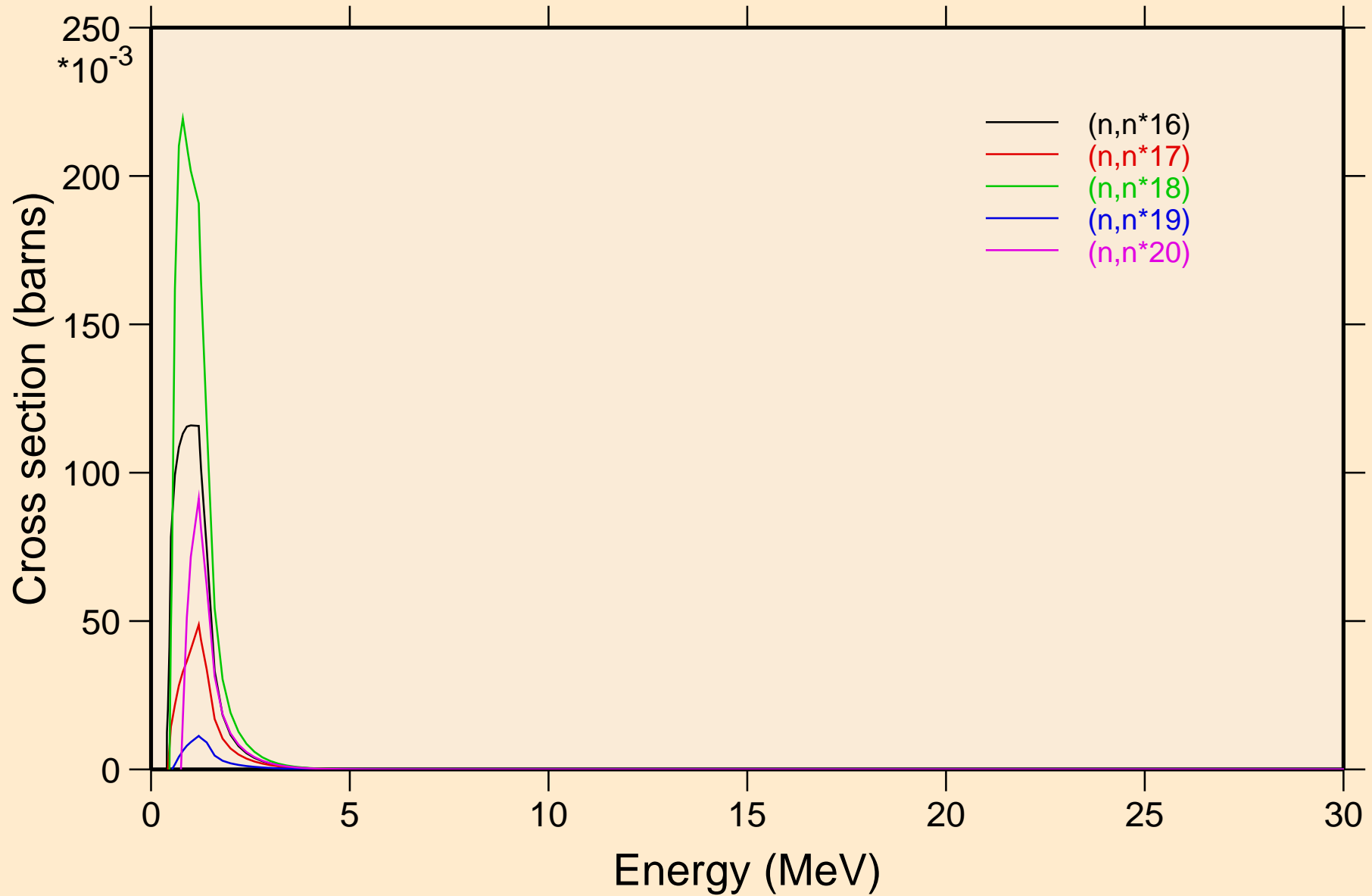
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

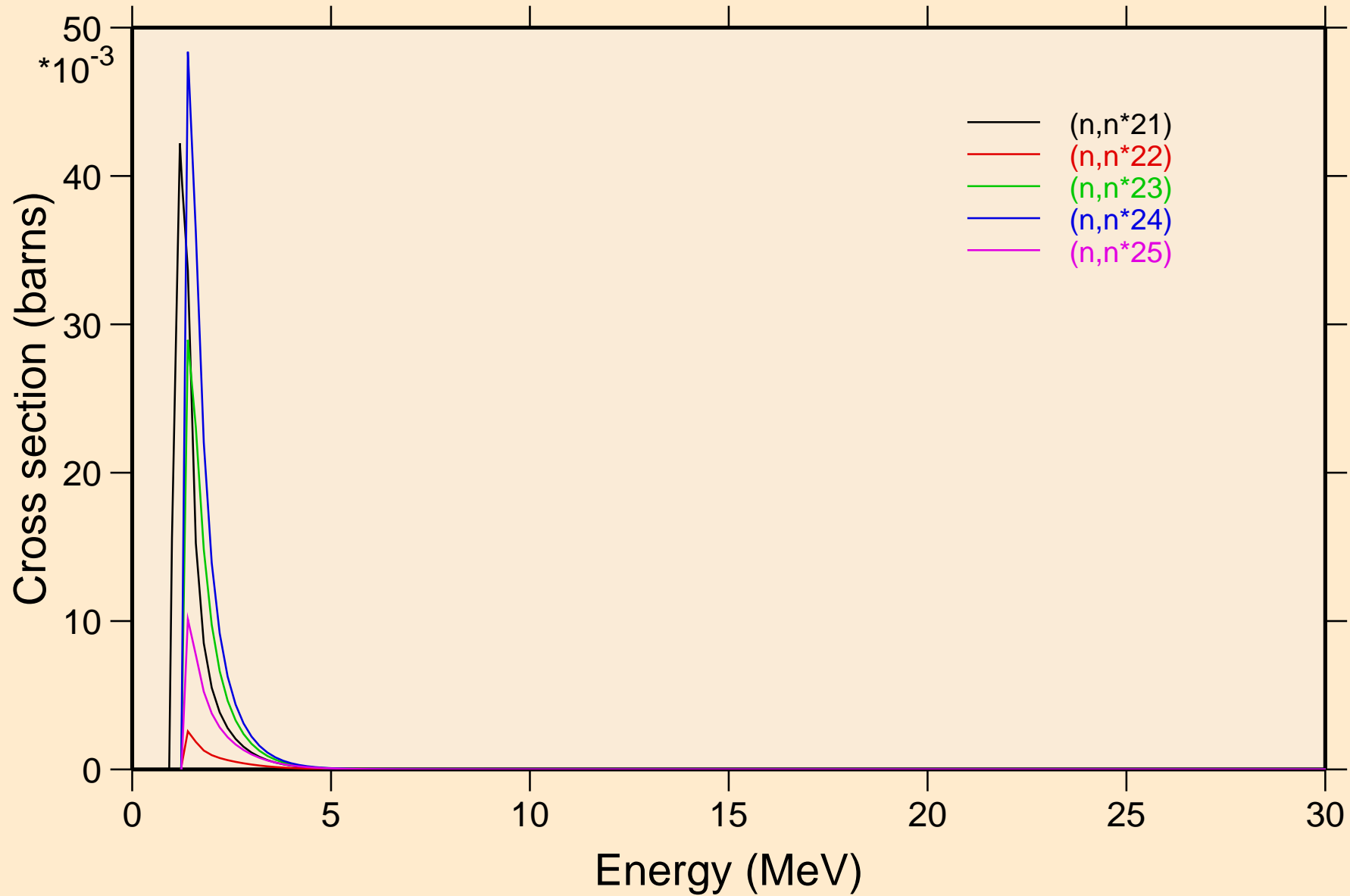


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

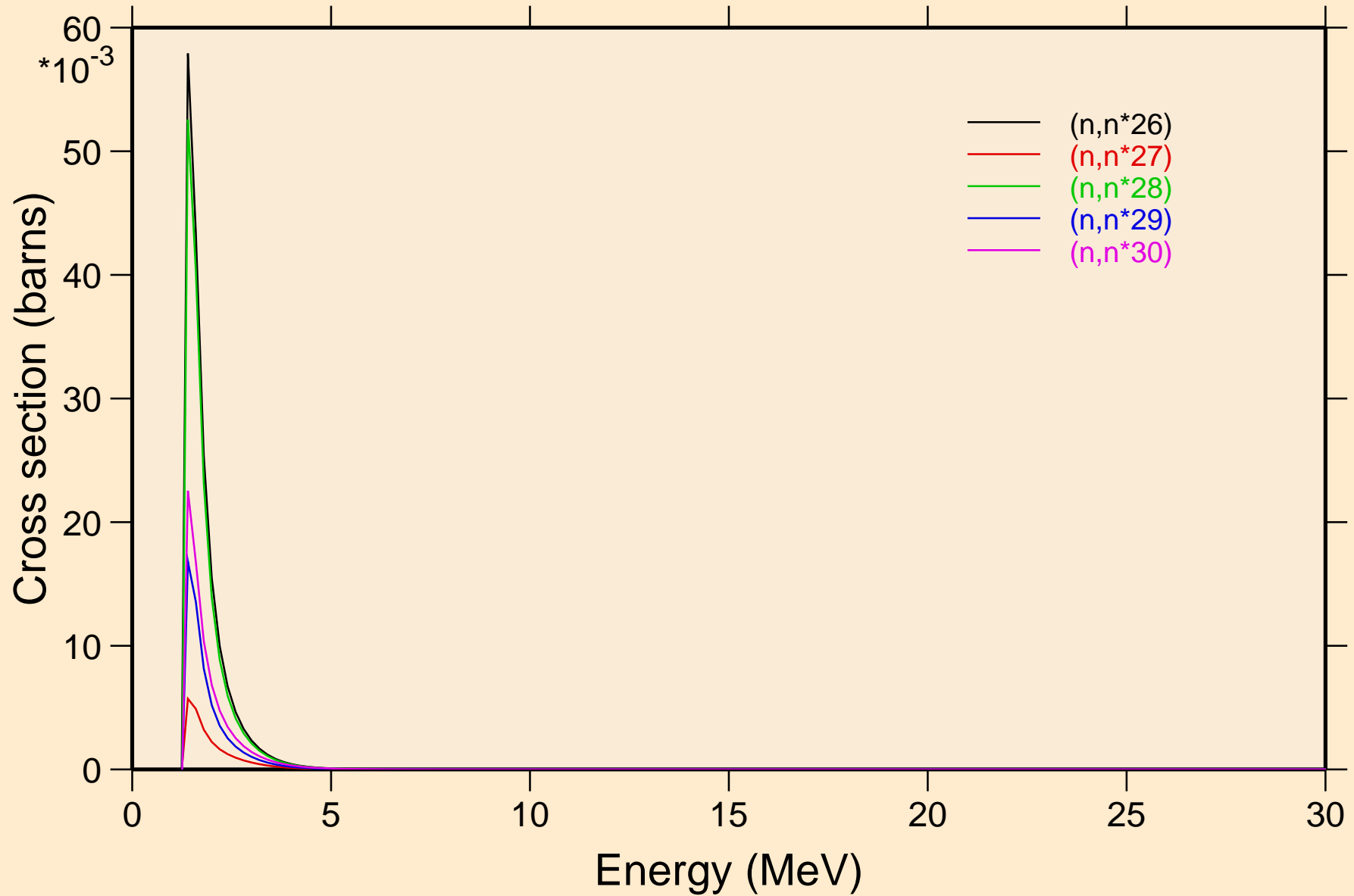


# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

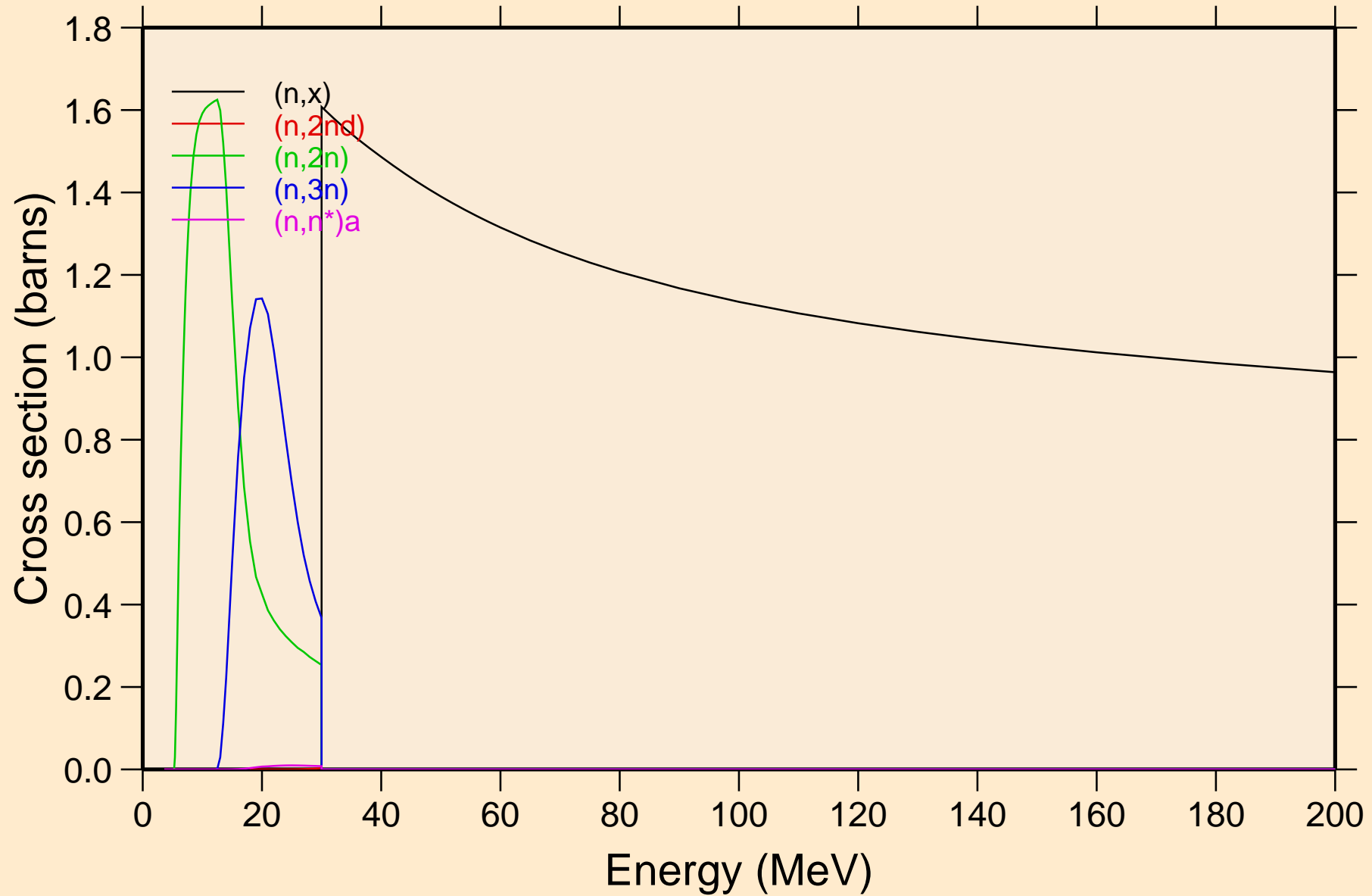


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



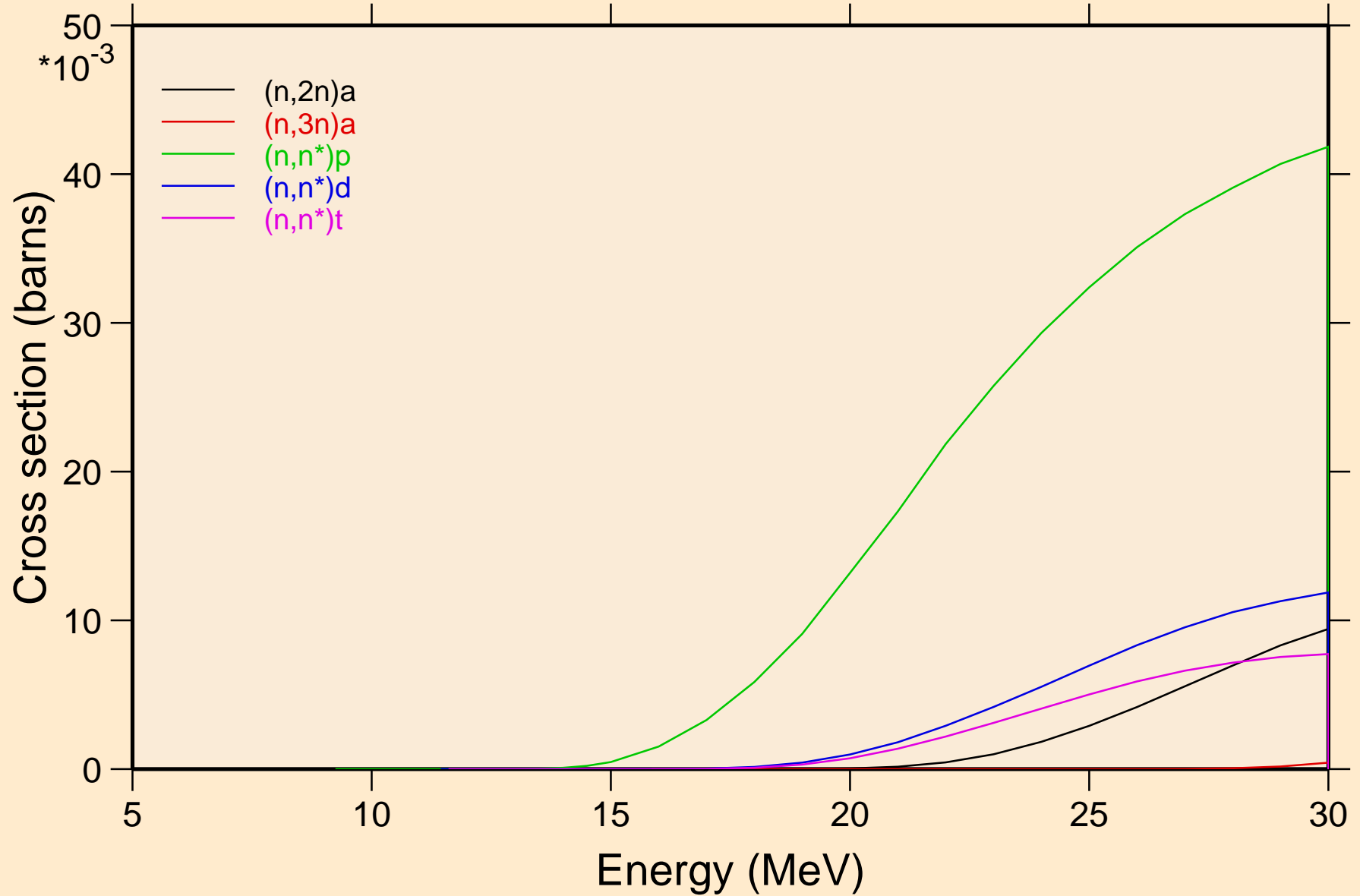
# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



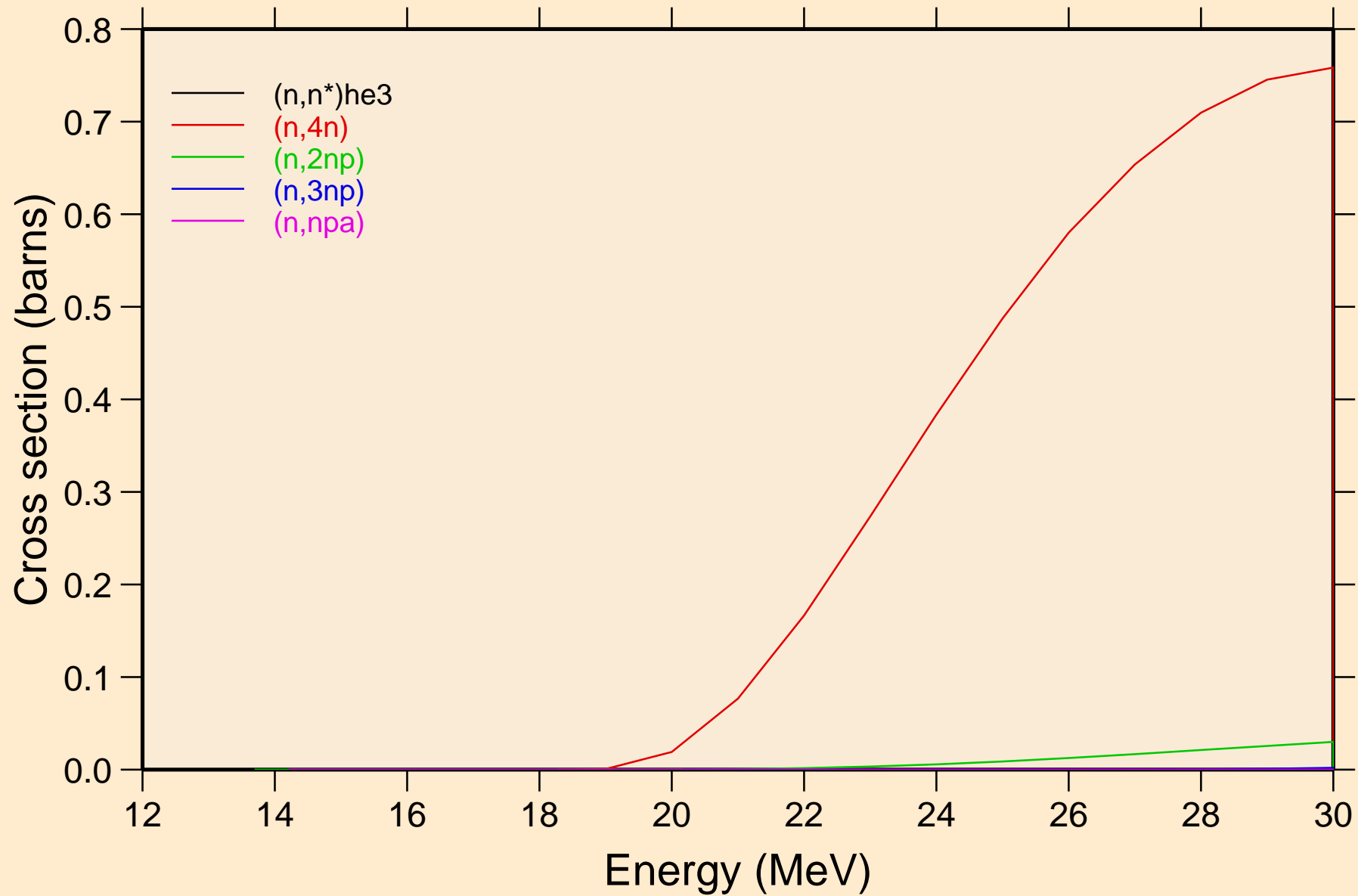
# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



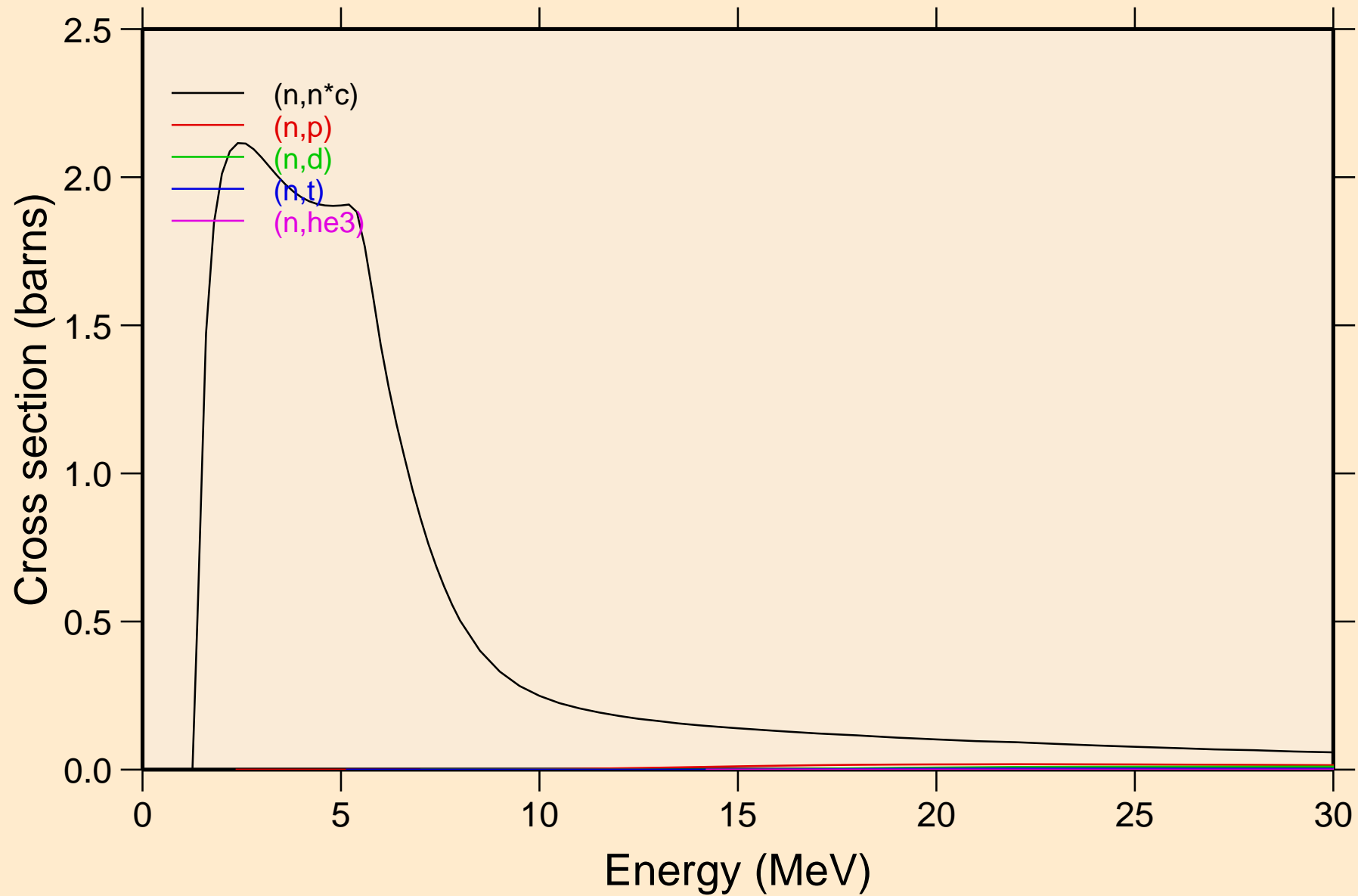


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

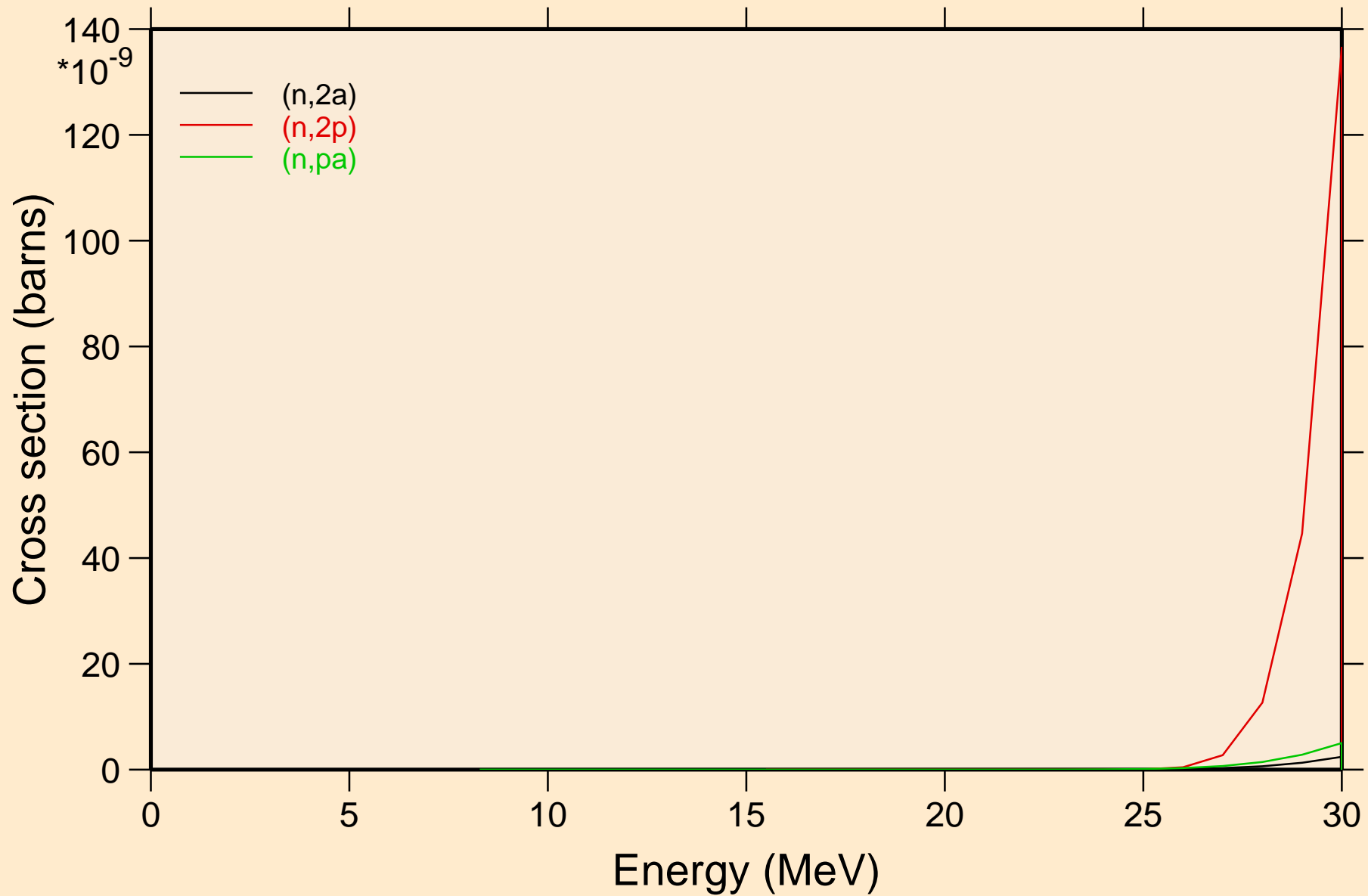


# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

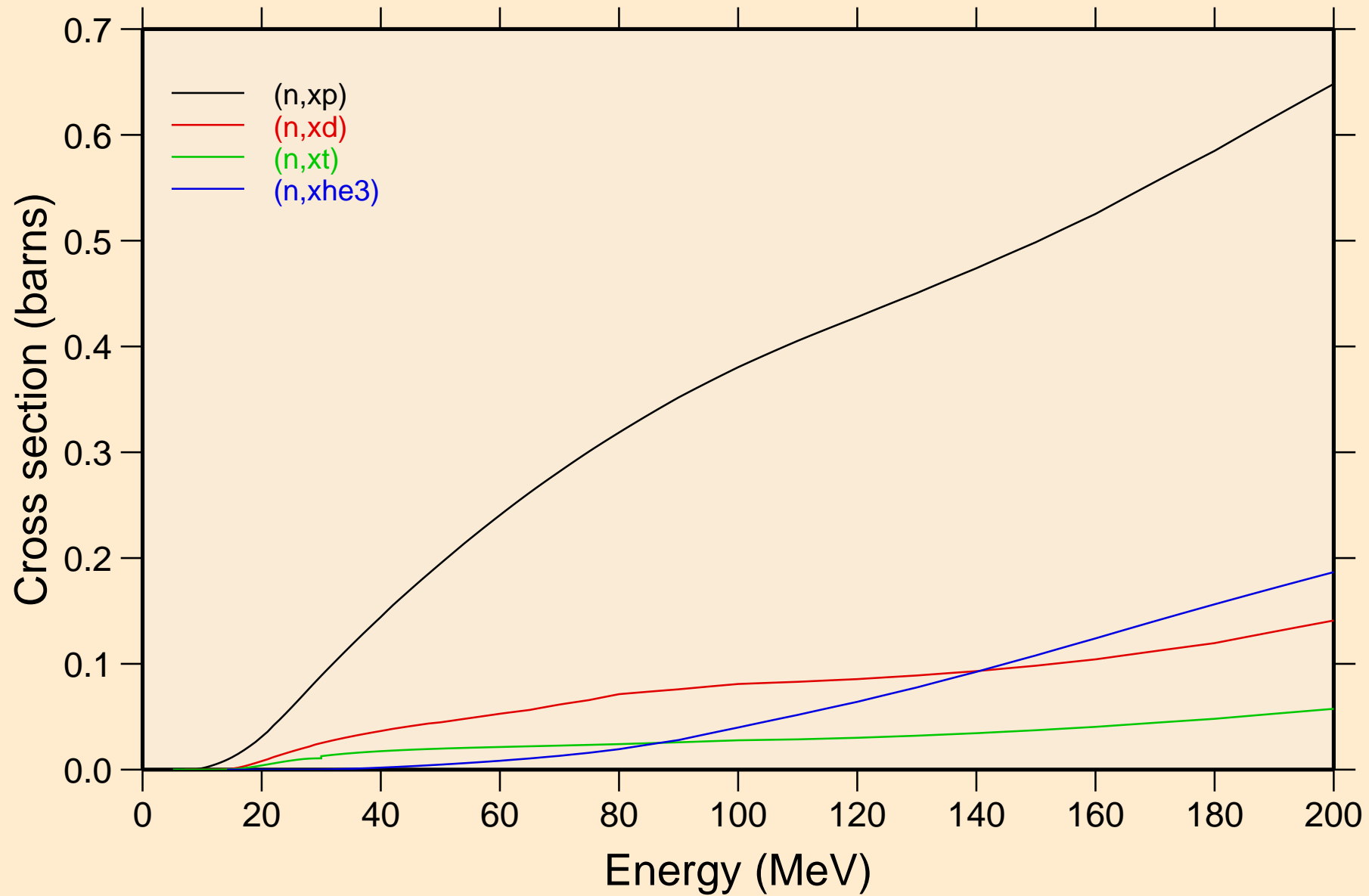


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

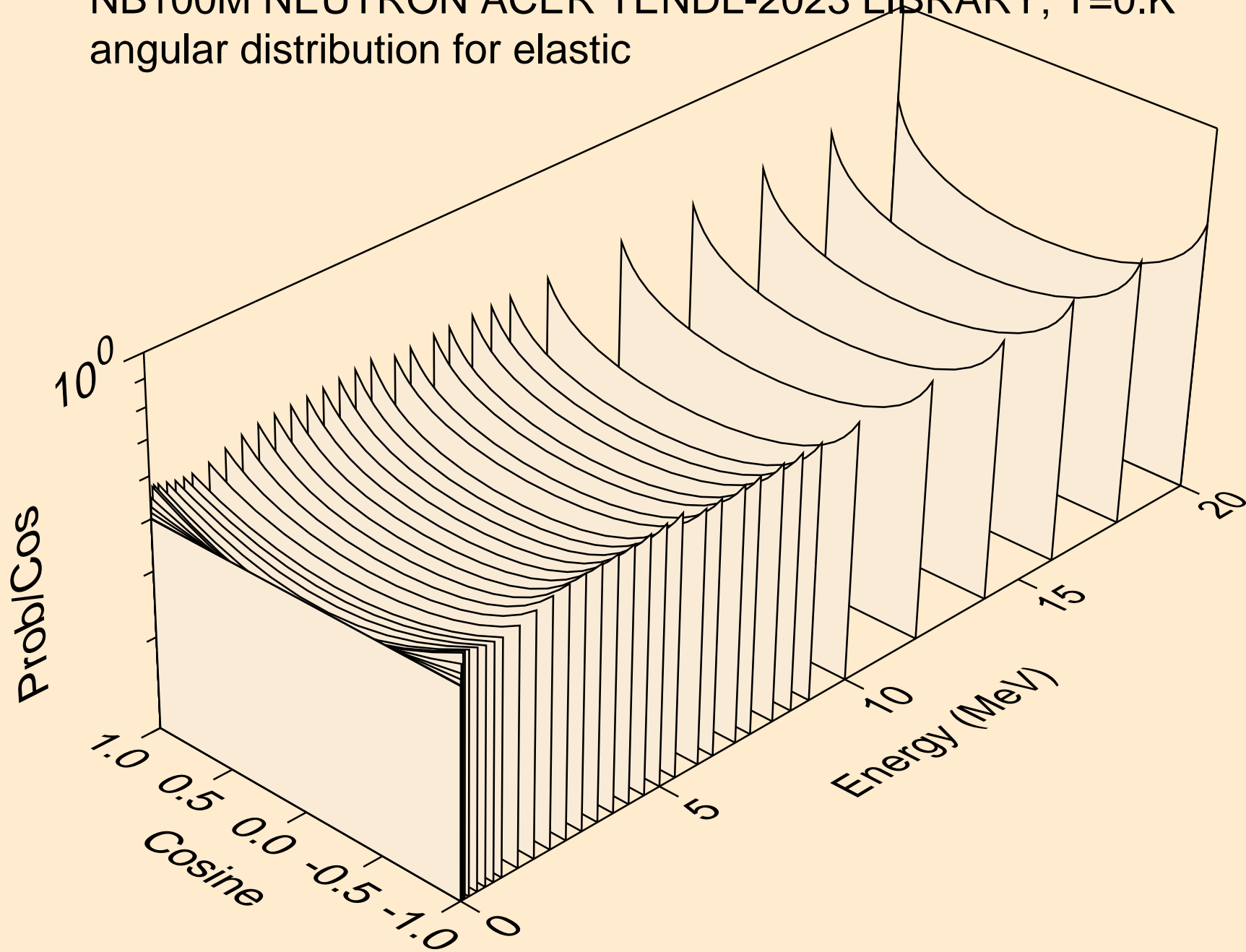


# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

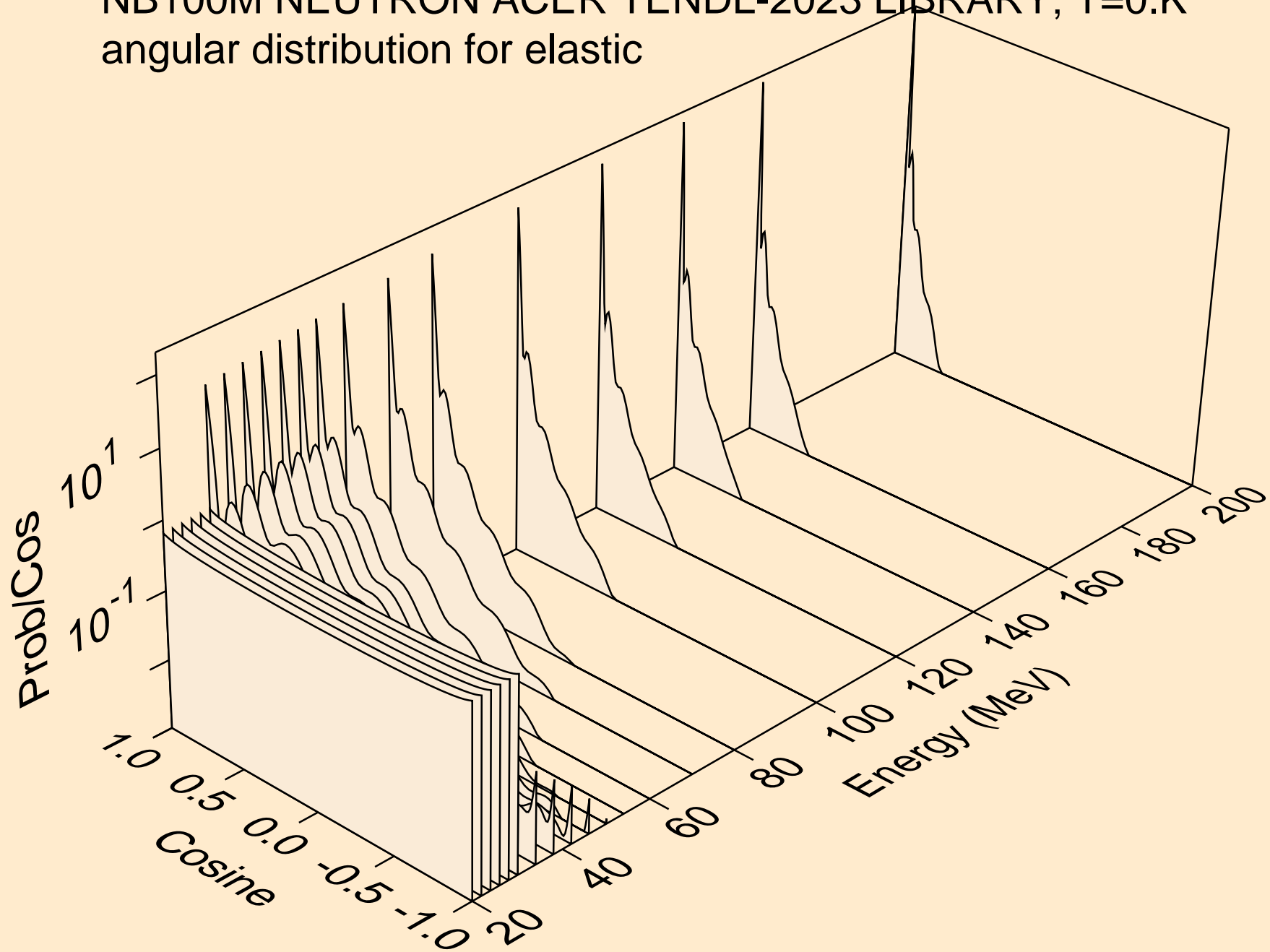
## Threshold reactions



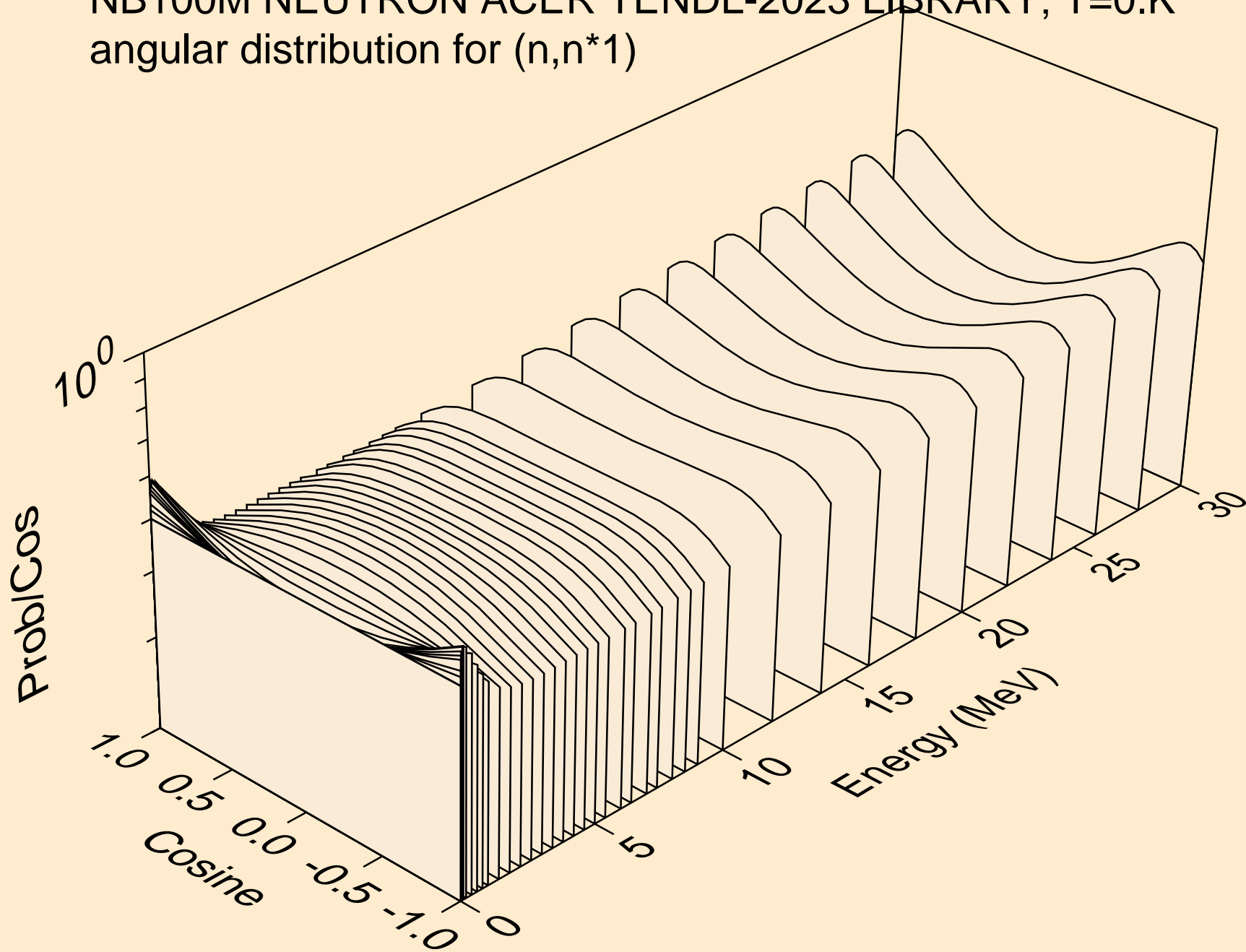
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



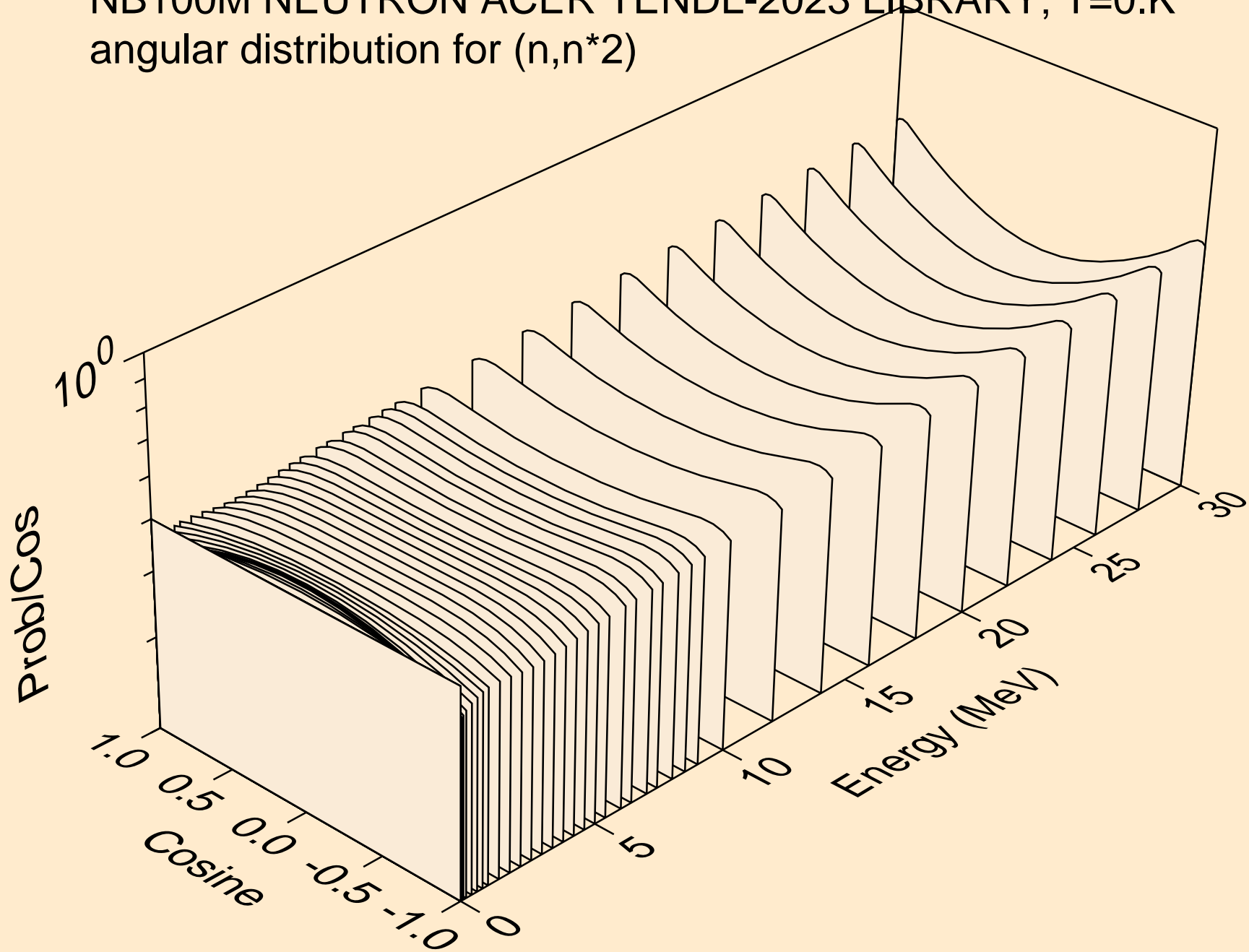
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

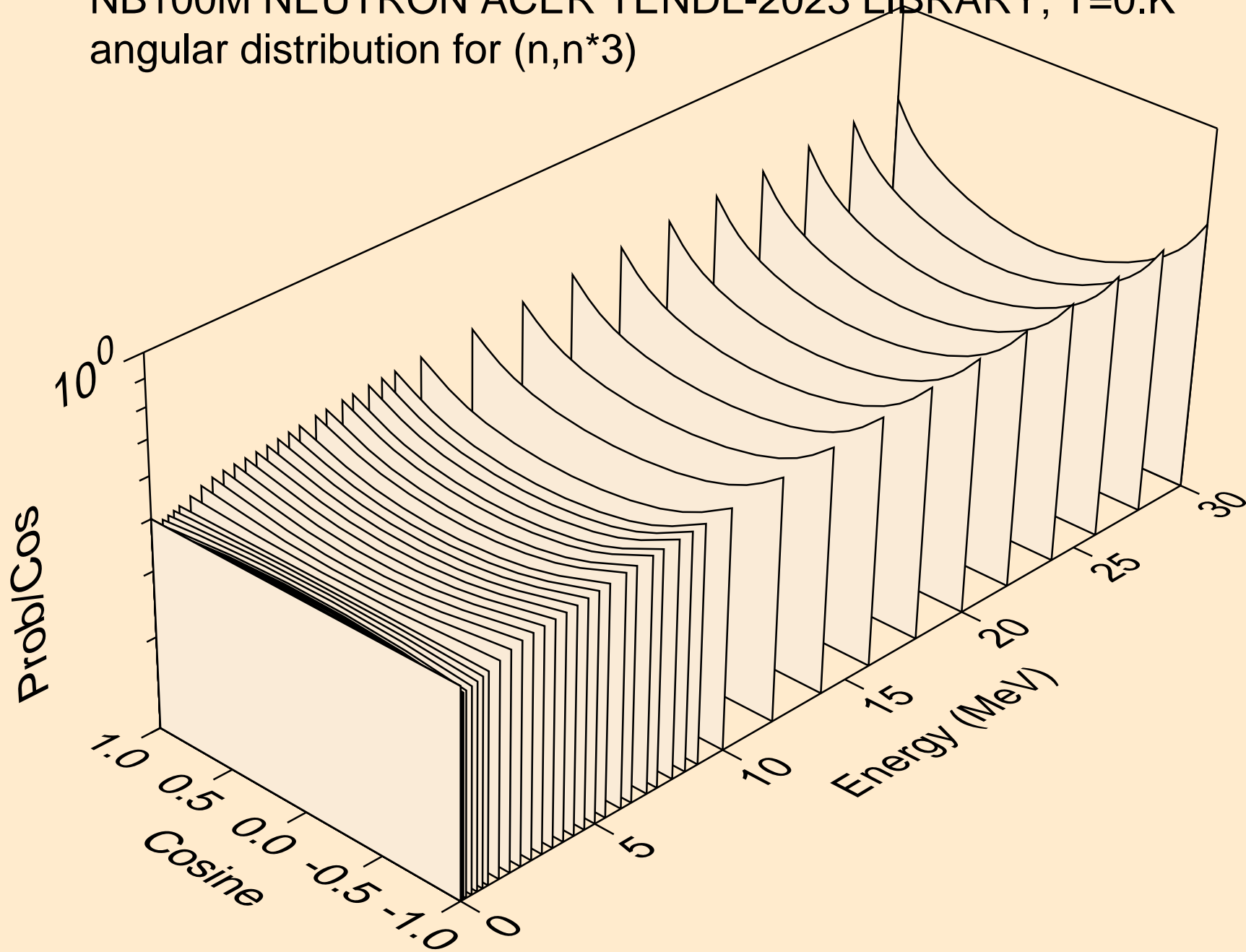


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

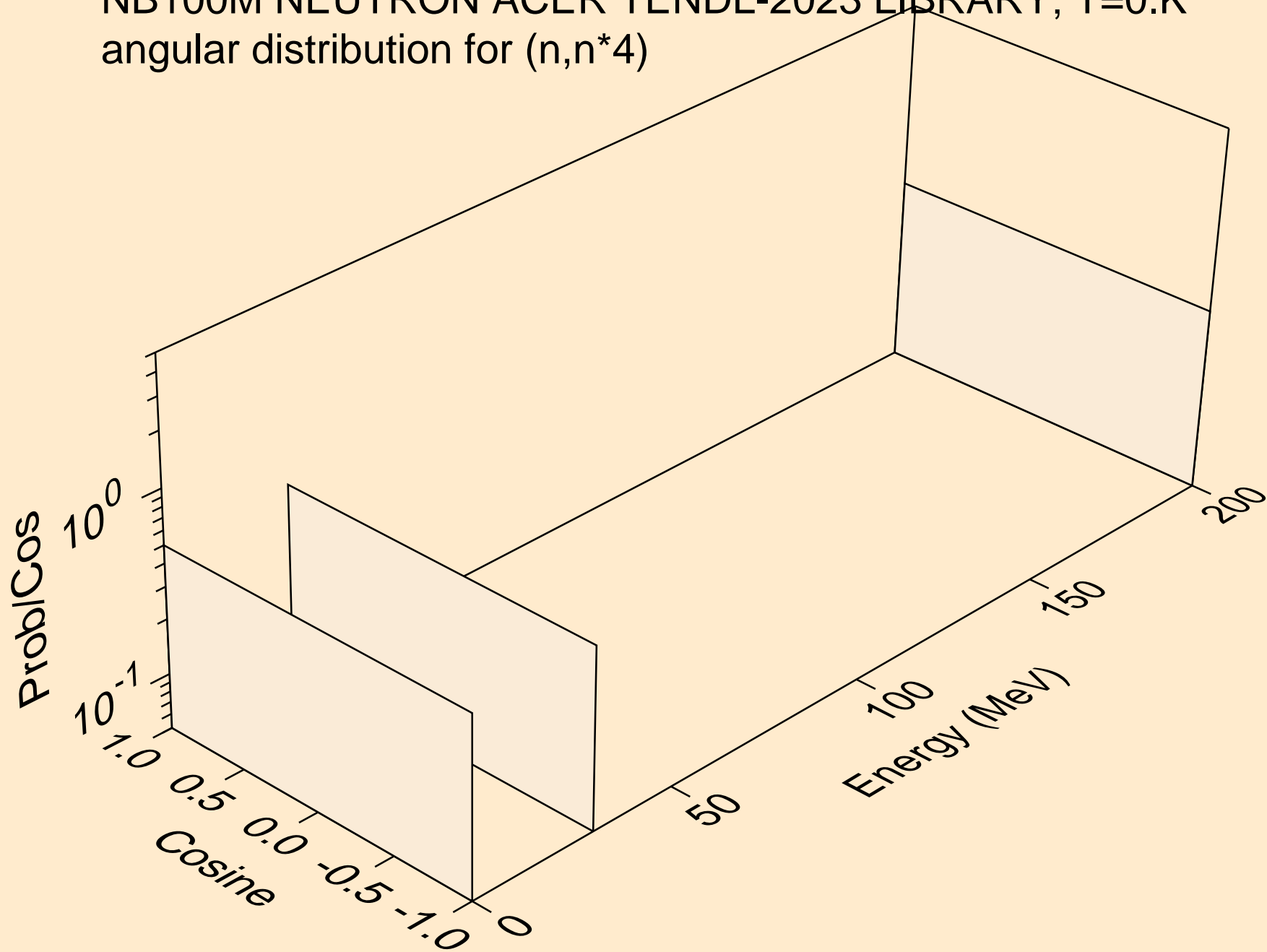




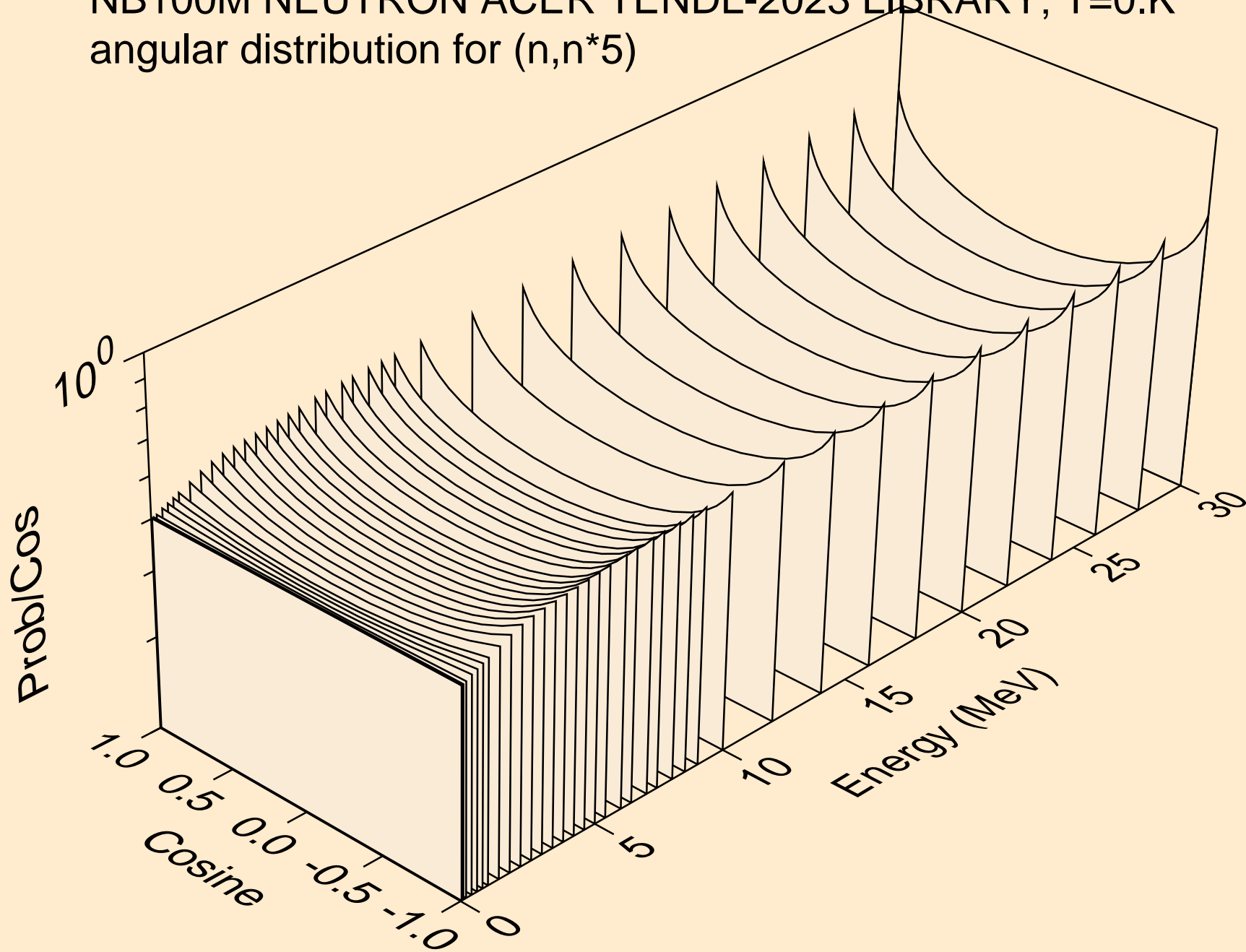
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angular distribution for (n,n\*3)



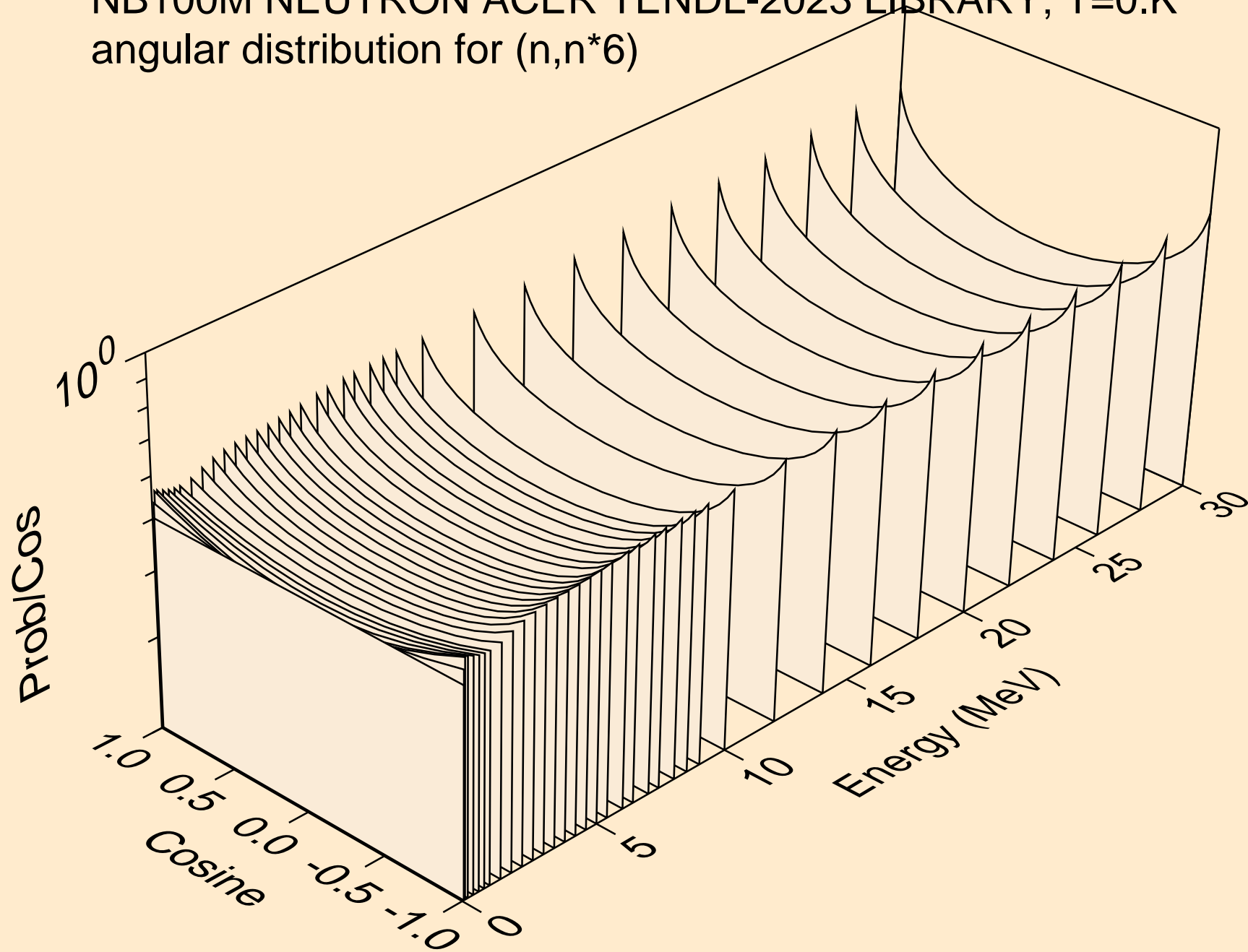
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angular distribution for (n,n\*4)



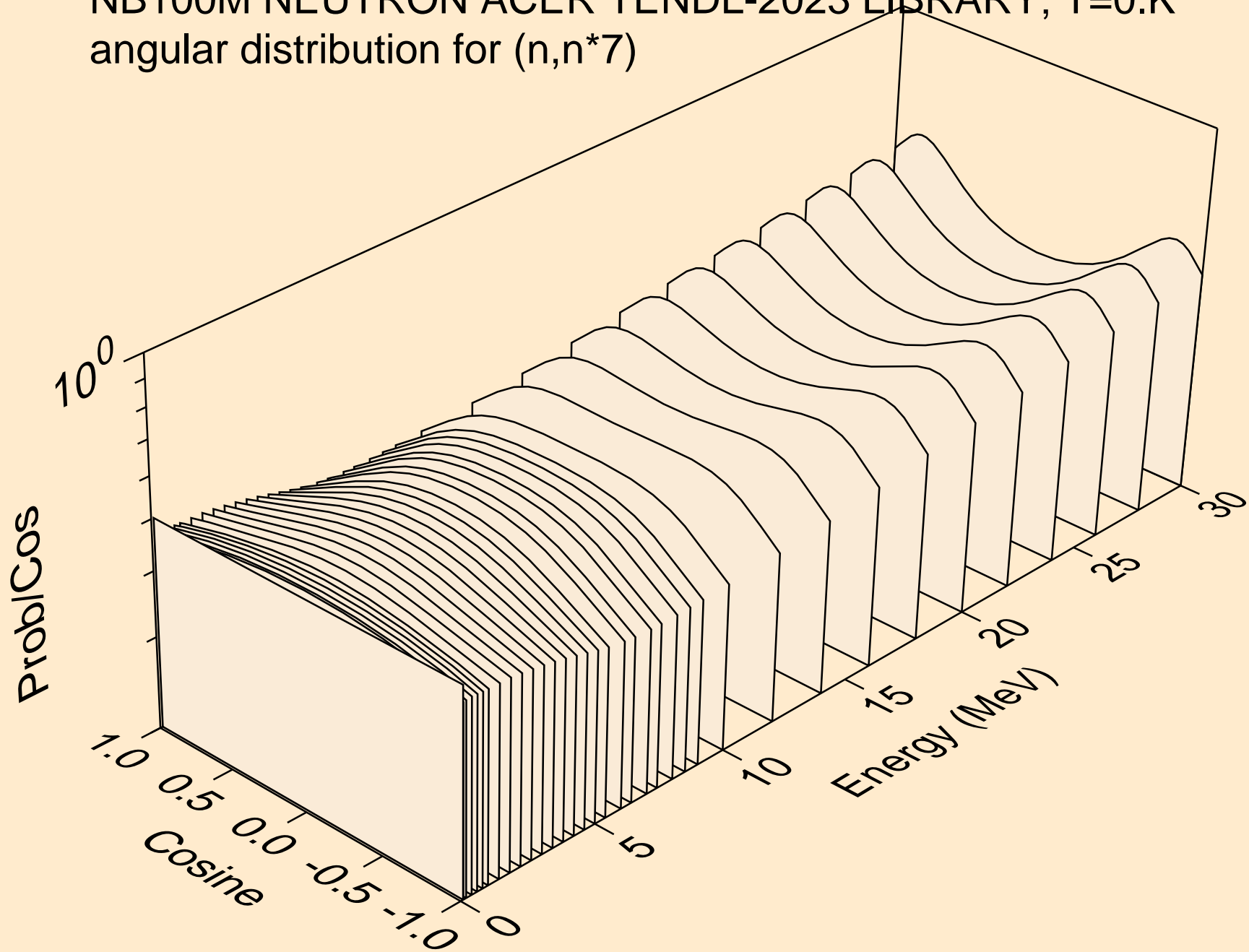
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angular distribution for (n,n\*5)



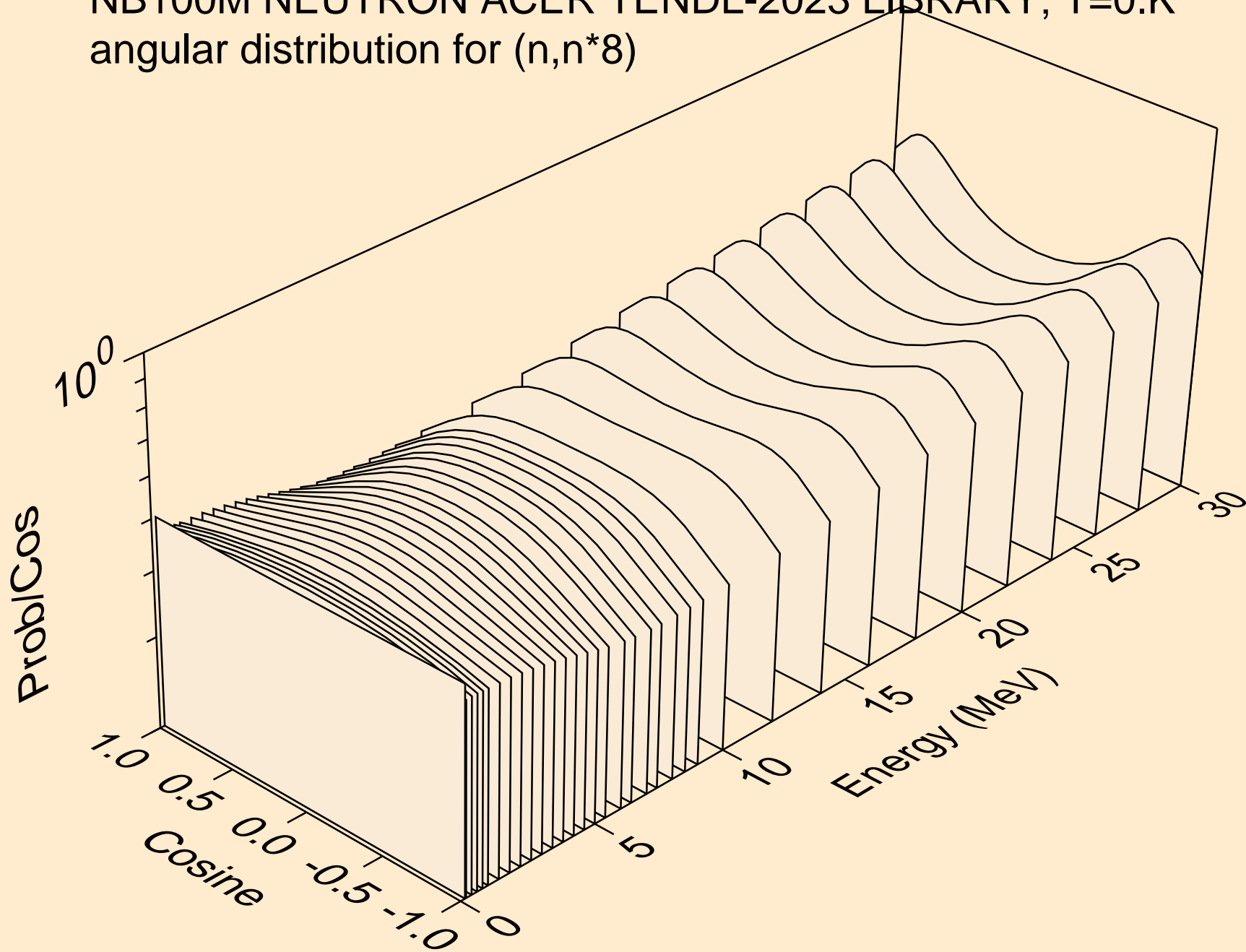
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angular distribution for (n,n\*6)



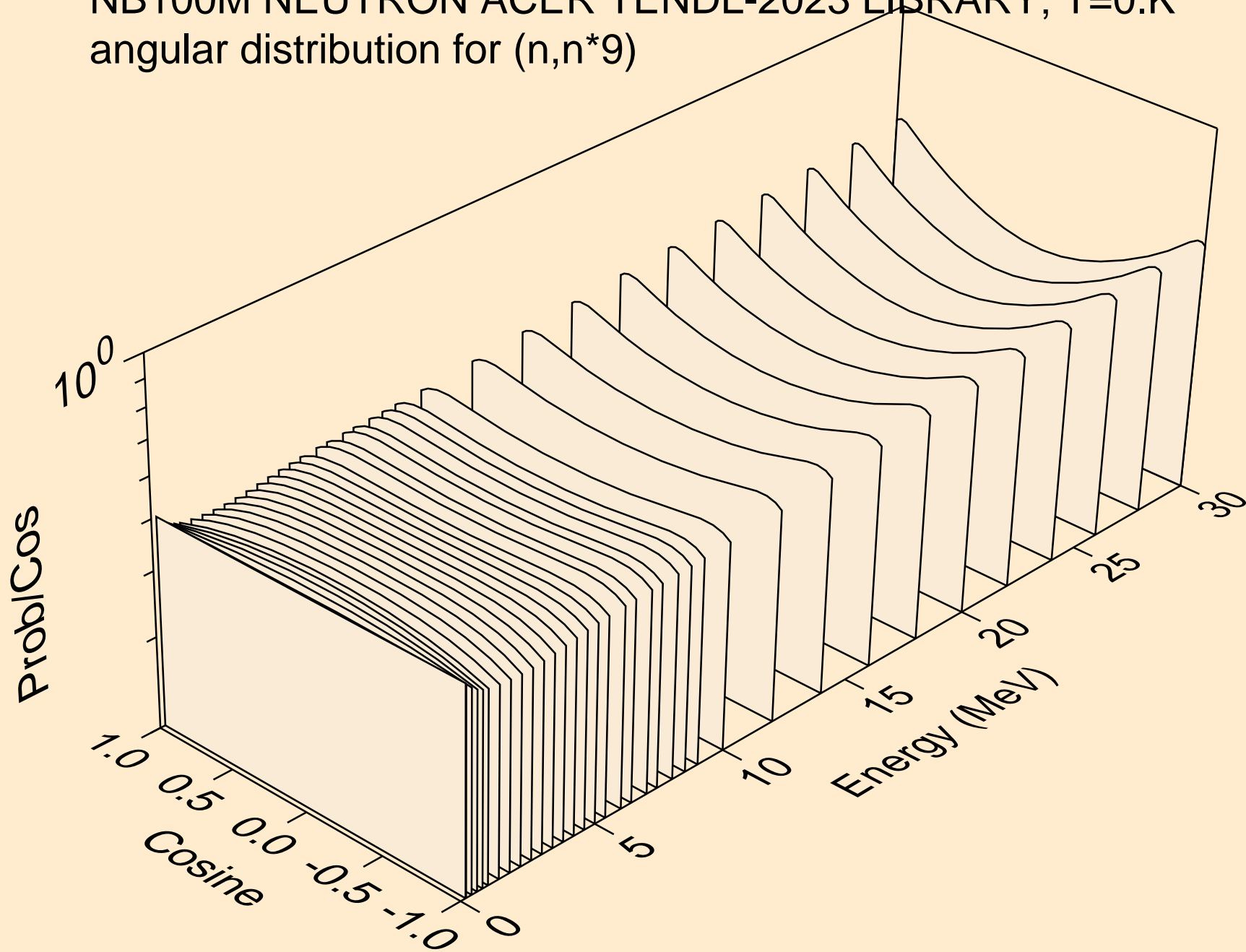
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angular distribution for (n,n\*7)



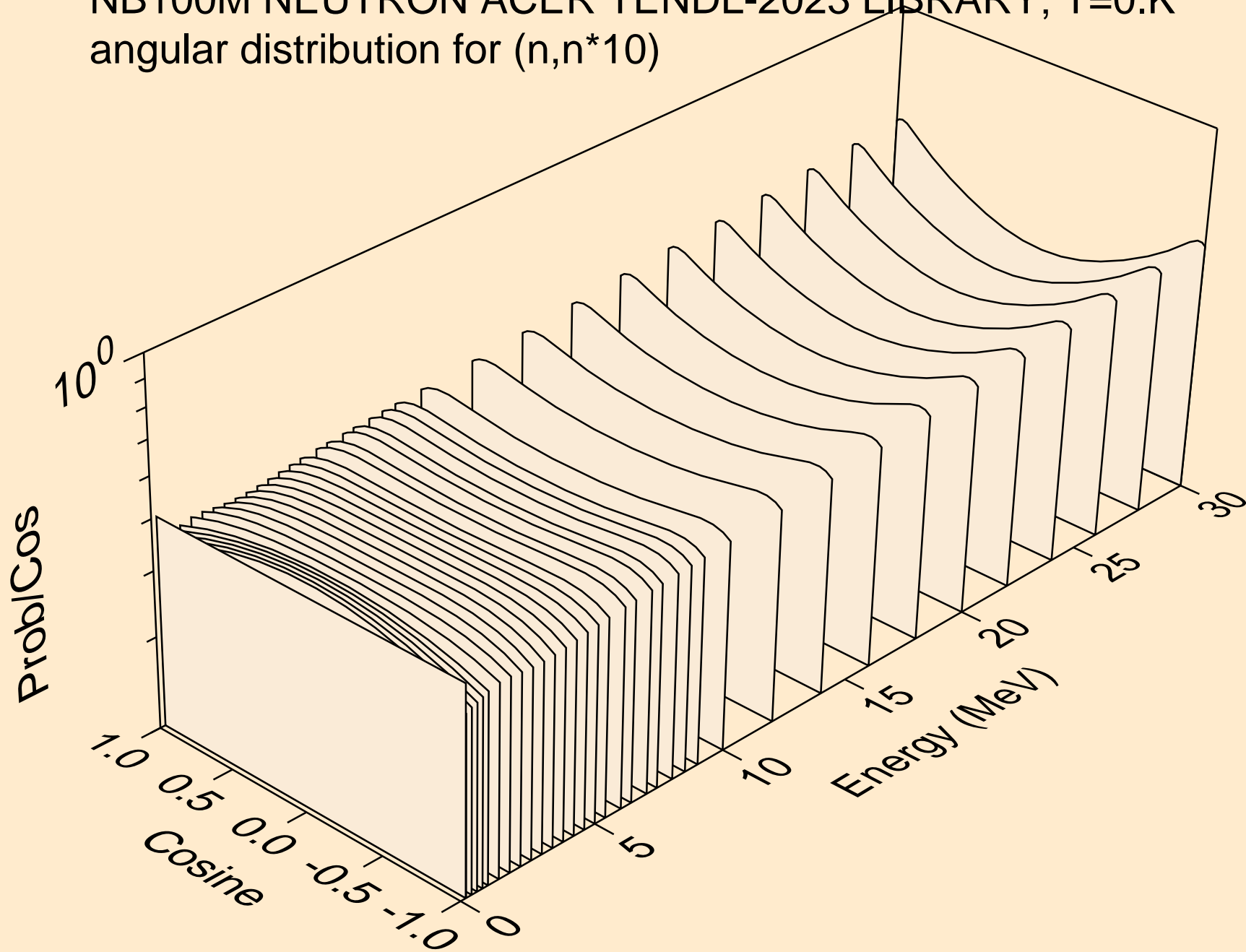
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

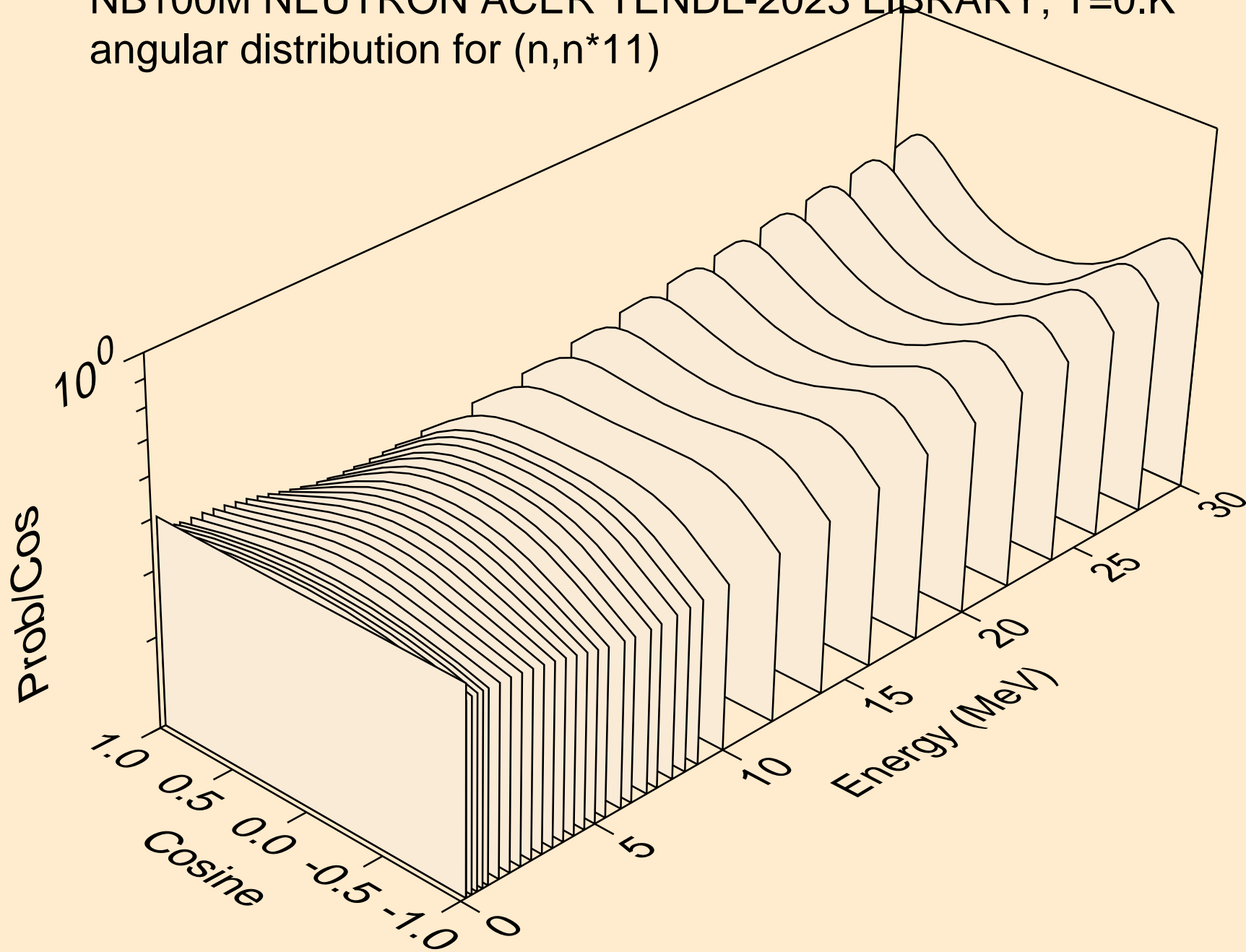


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angular distribution for (n,n\*10)

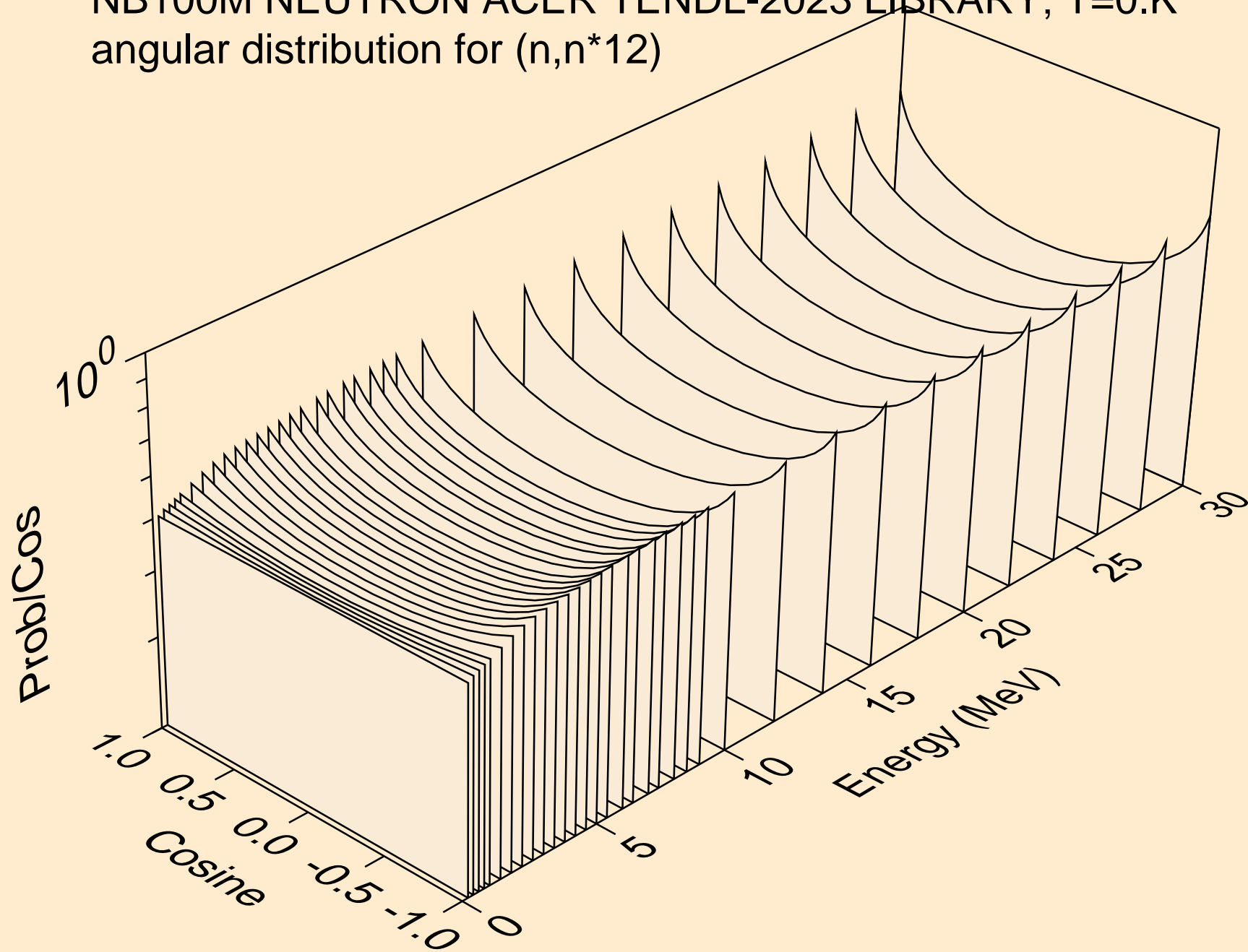




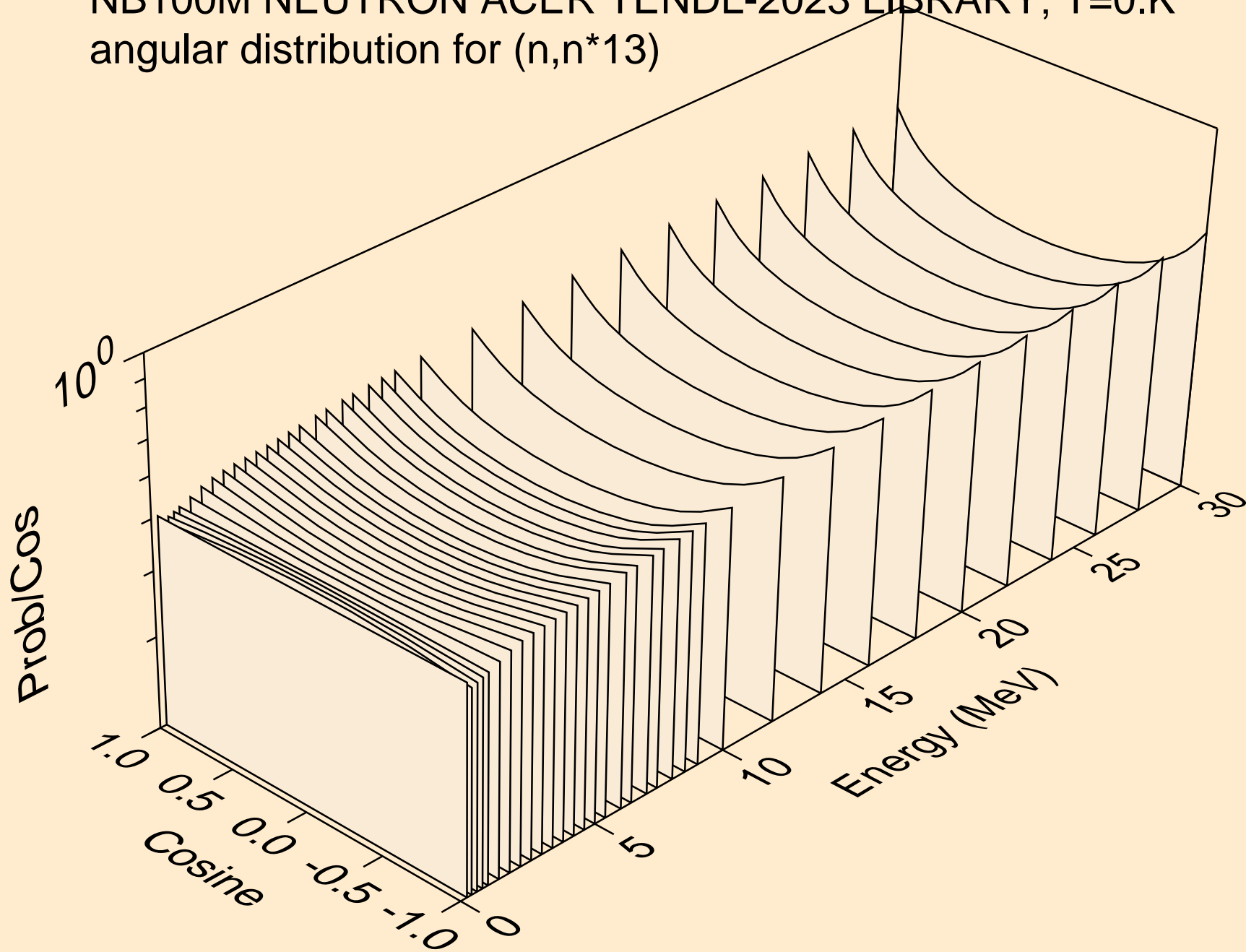
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angular distribution for (n,n\*11)



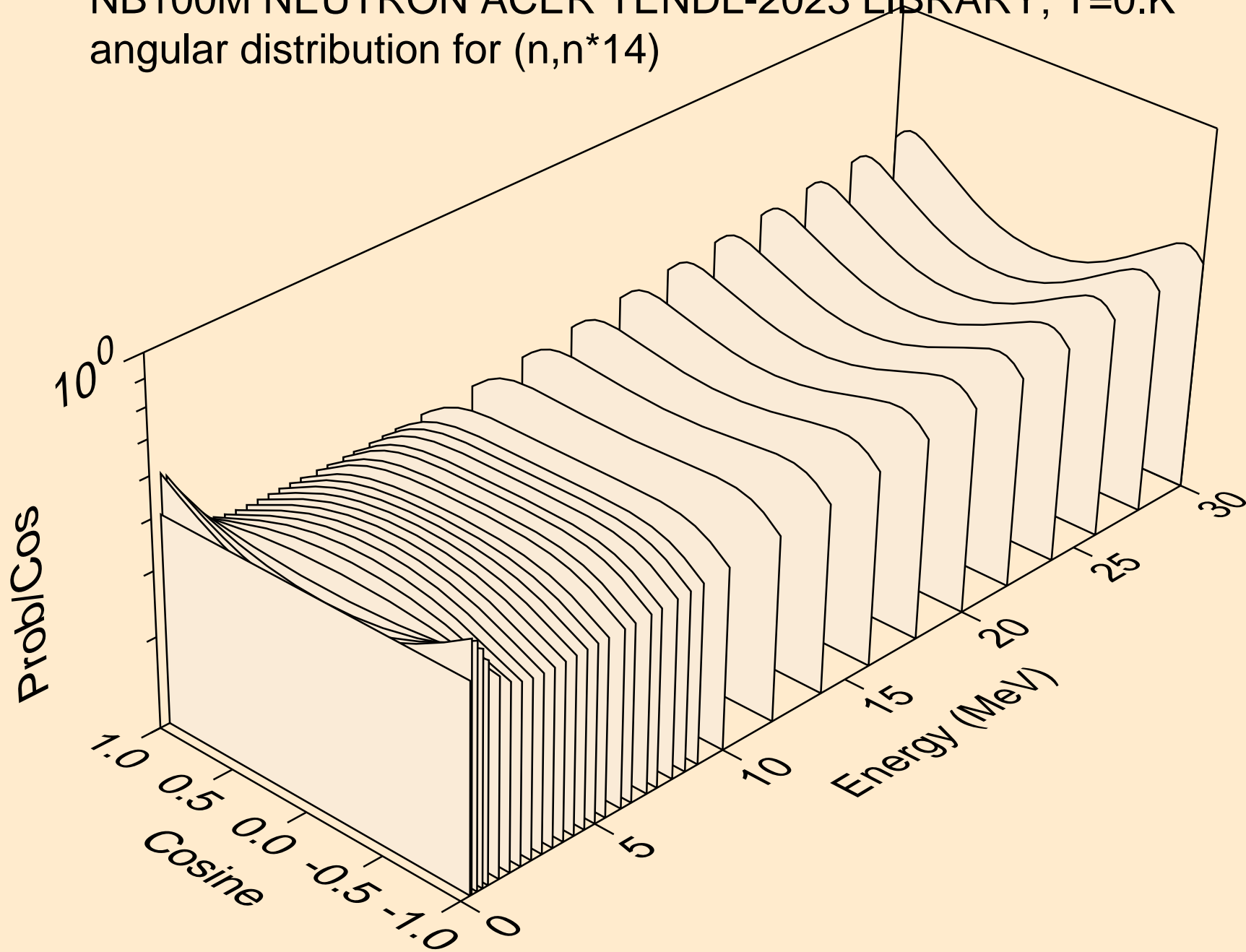
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angular distribution for (n,n\*12)



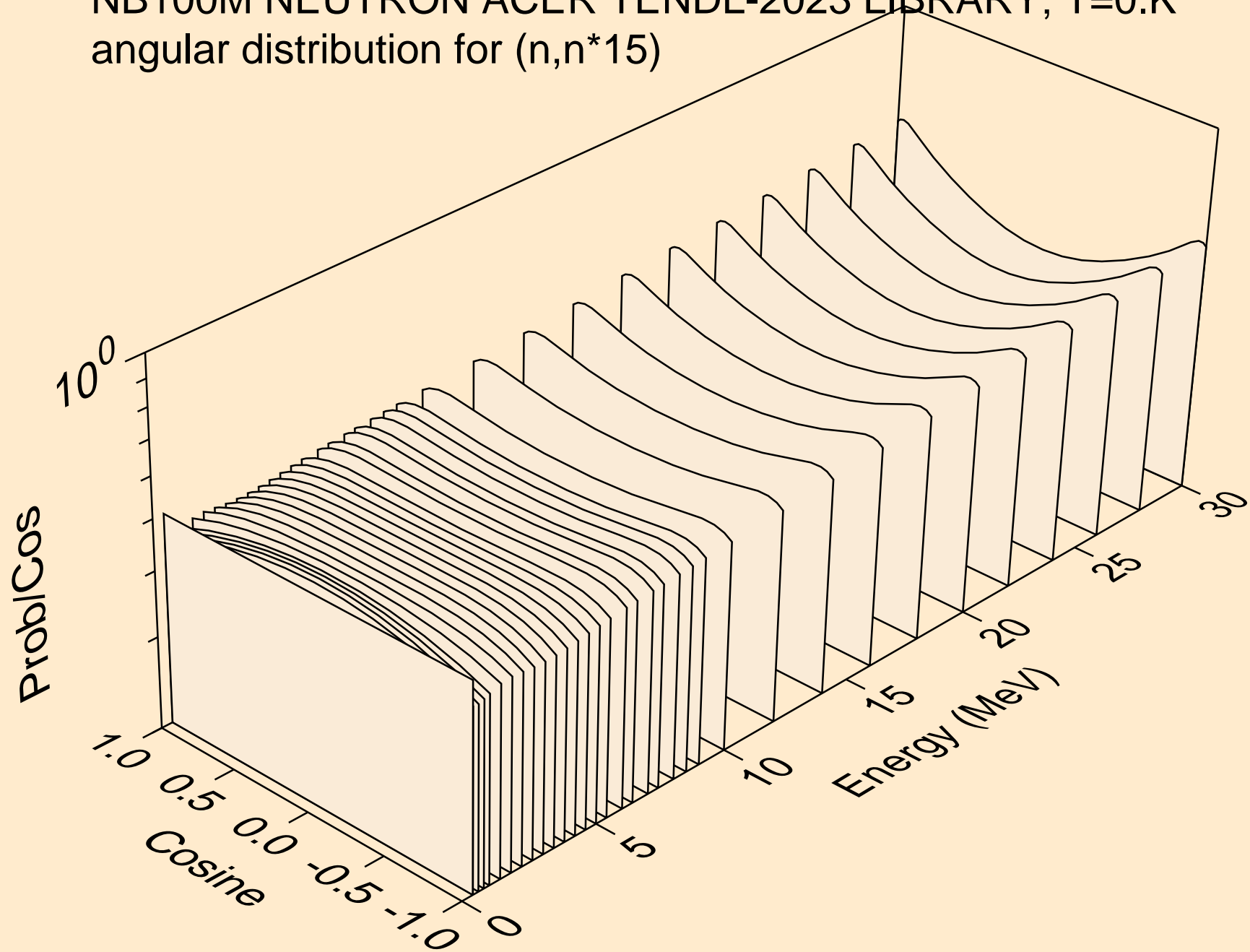
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angular distribution for (n,n\*13)



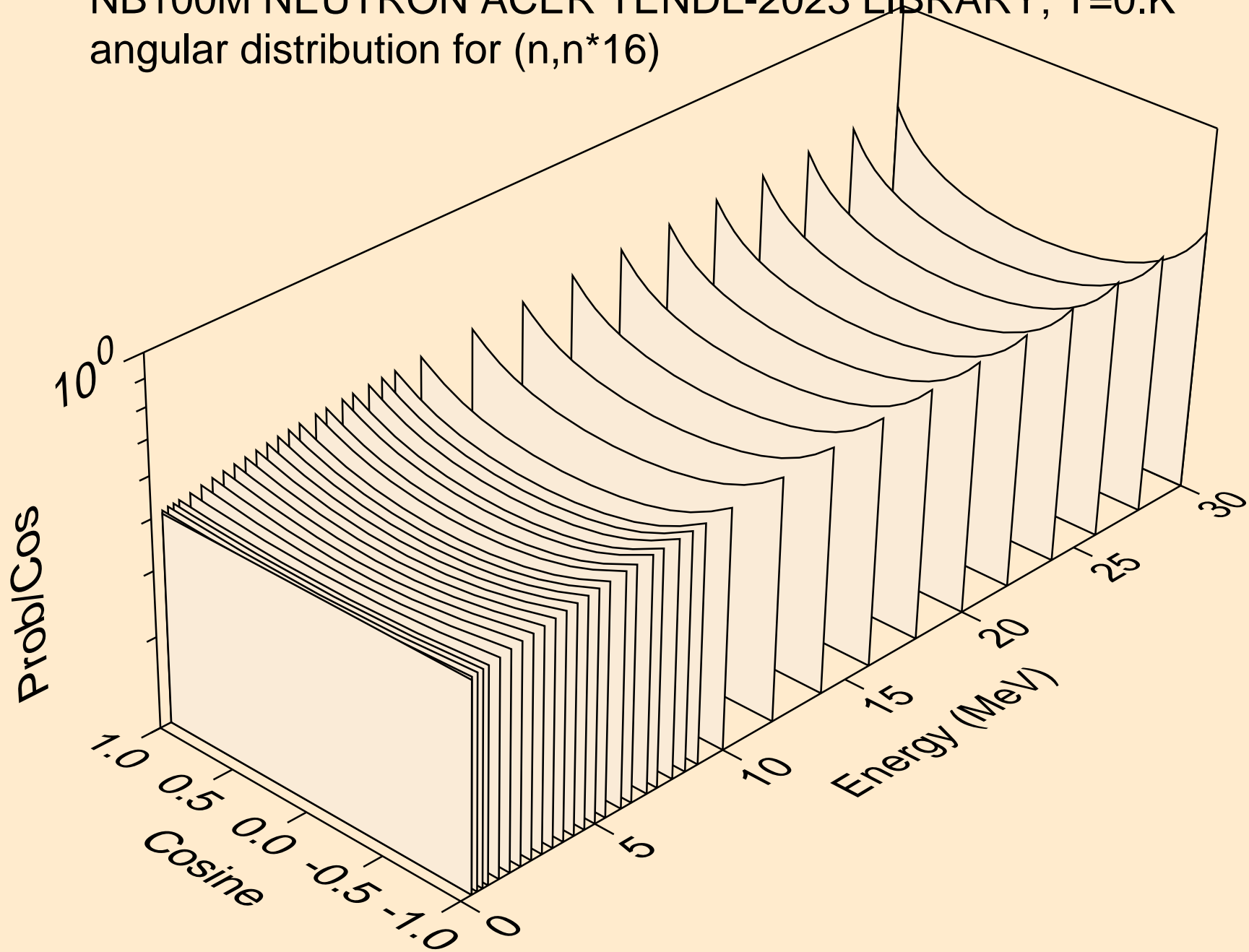
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angular distribution for (n,n\*14)



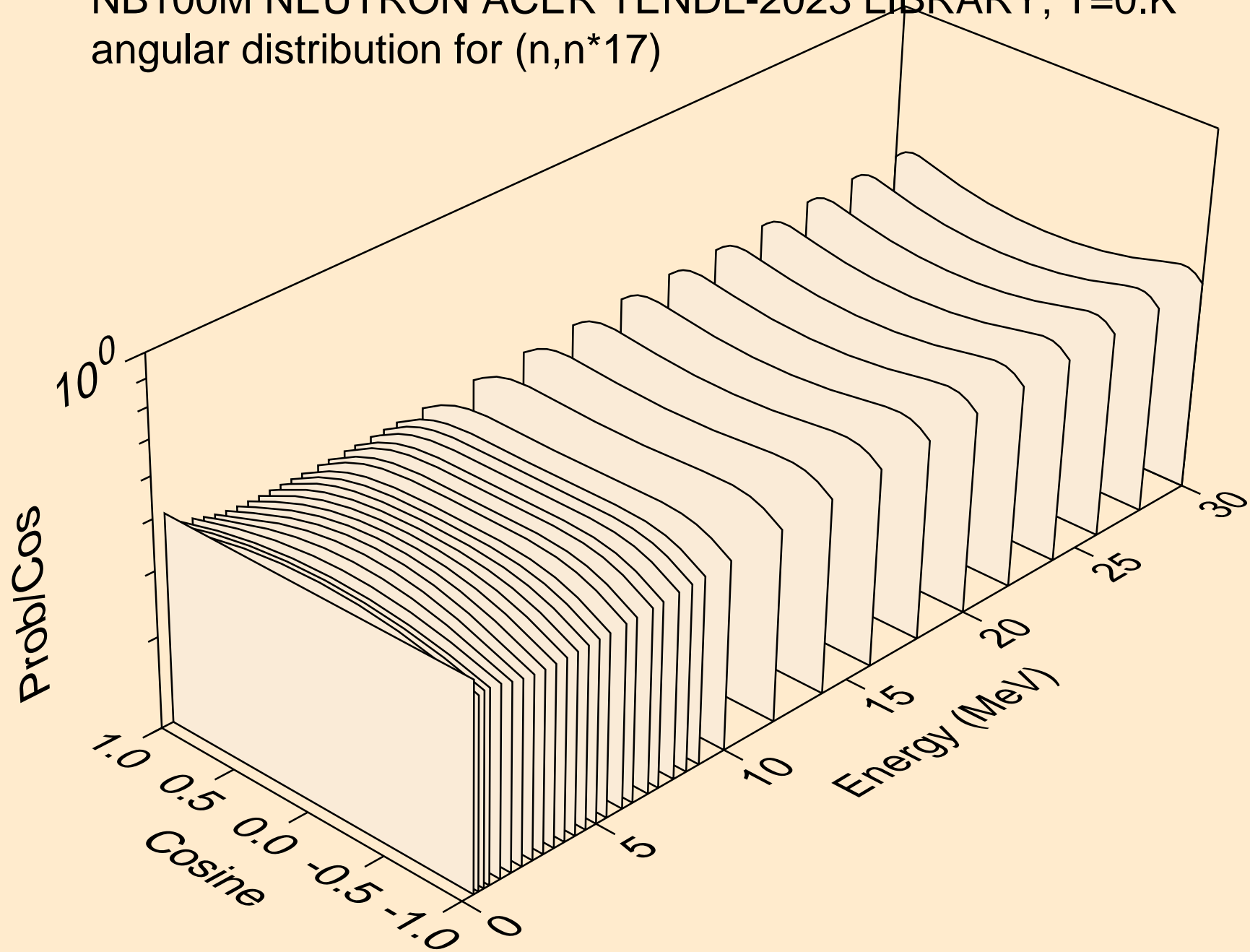
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angular distribution for (n,n\*15)



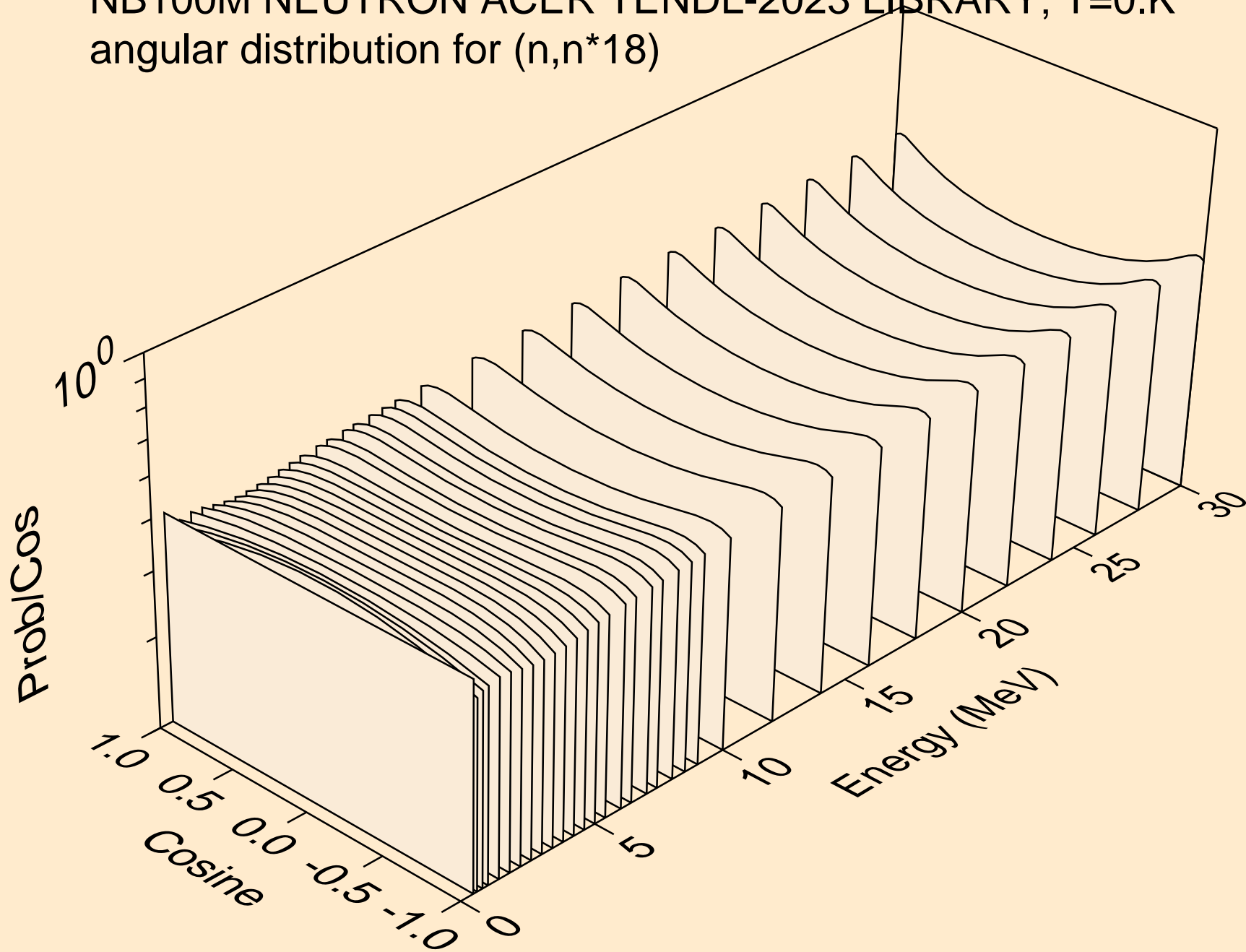
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

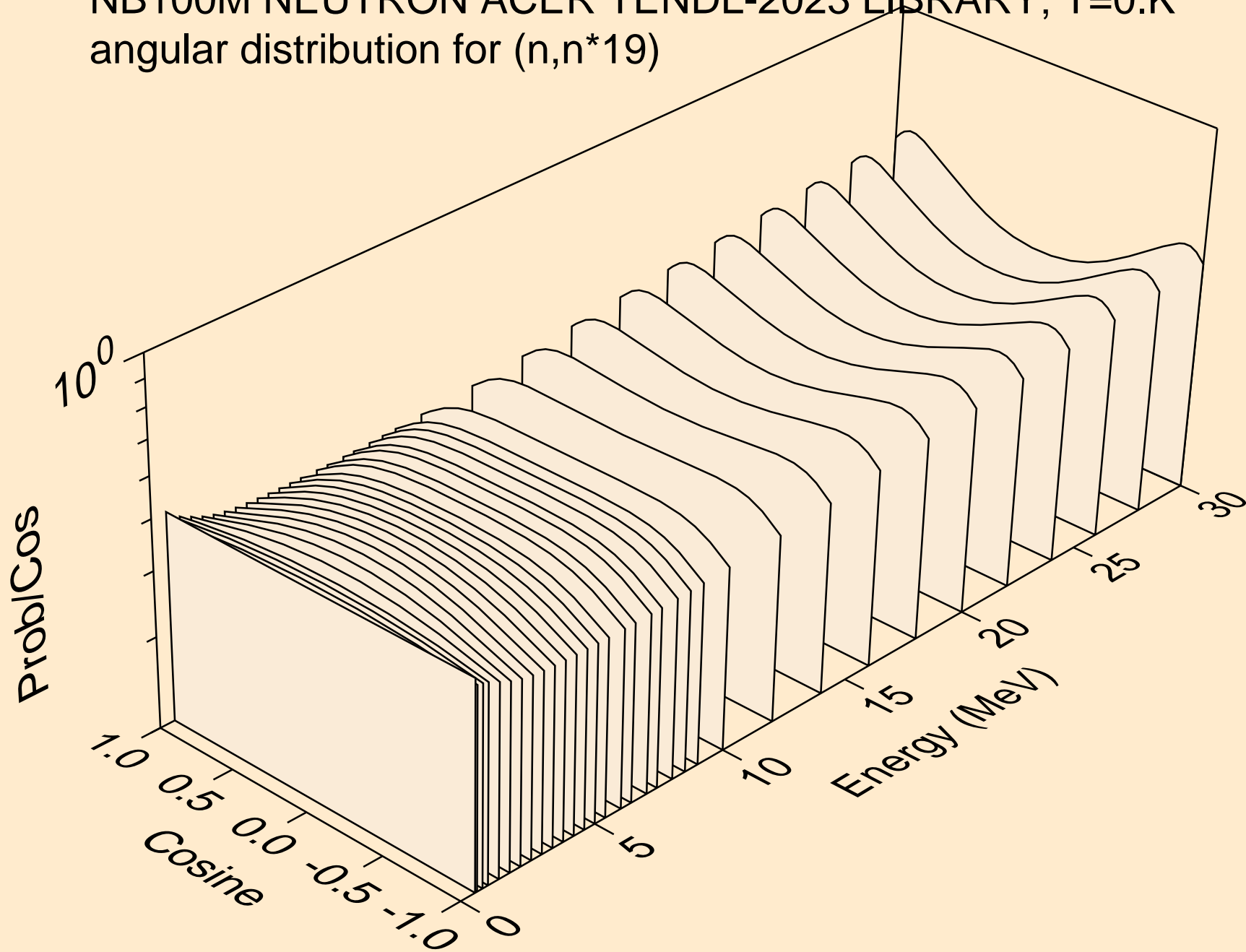


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angular distribution for (n,n\*18)

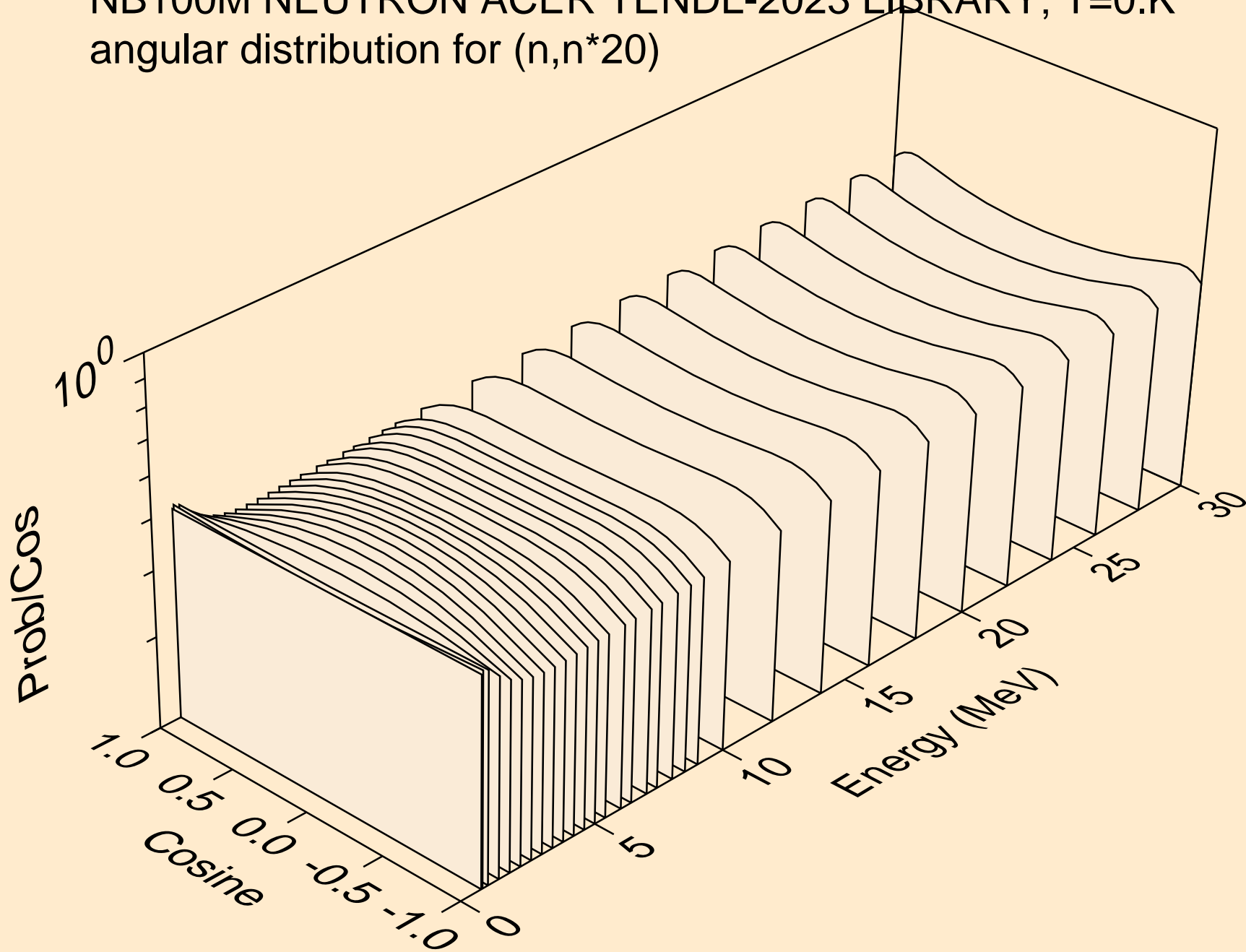




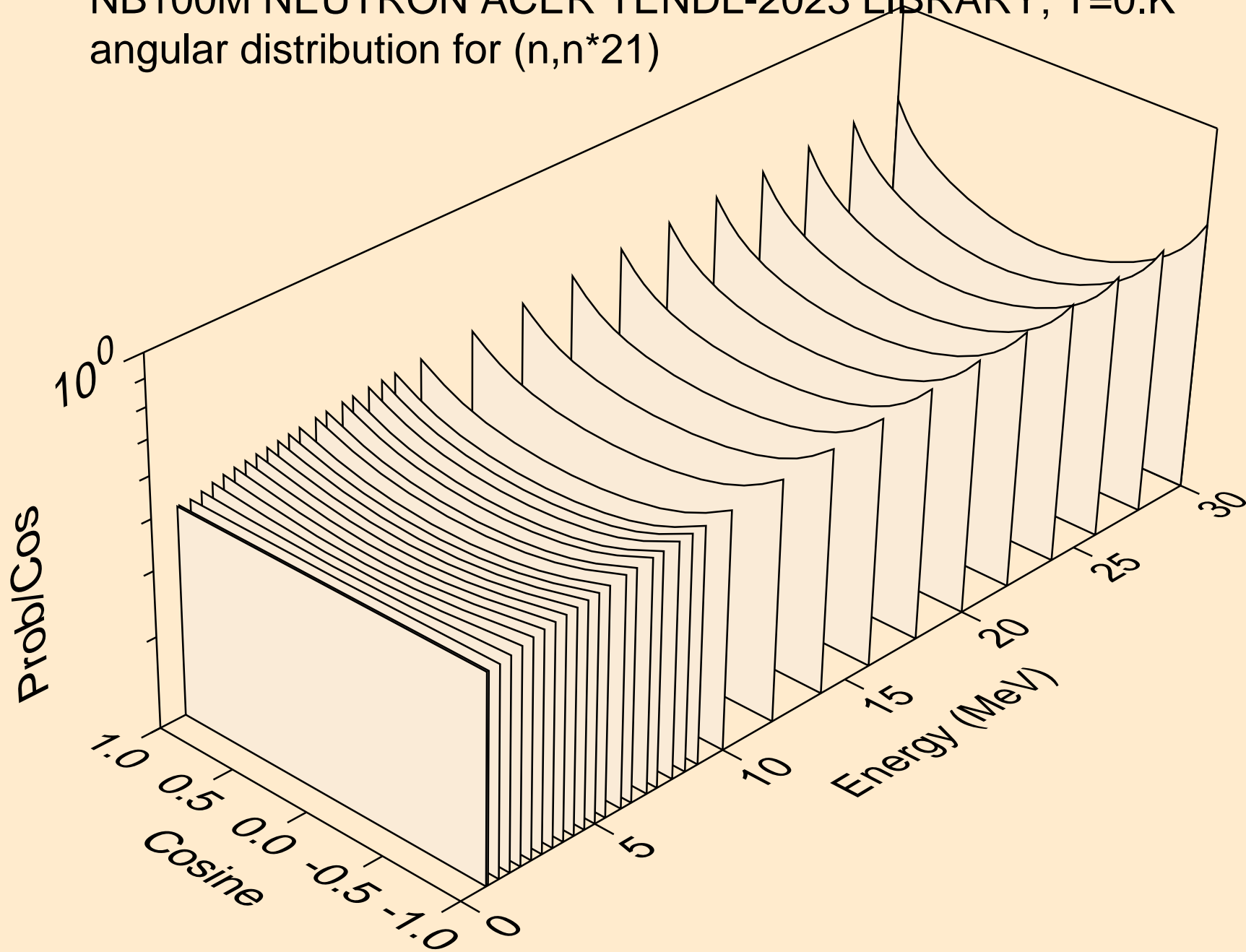
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angular distribution for (n,n\*19)



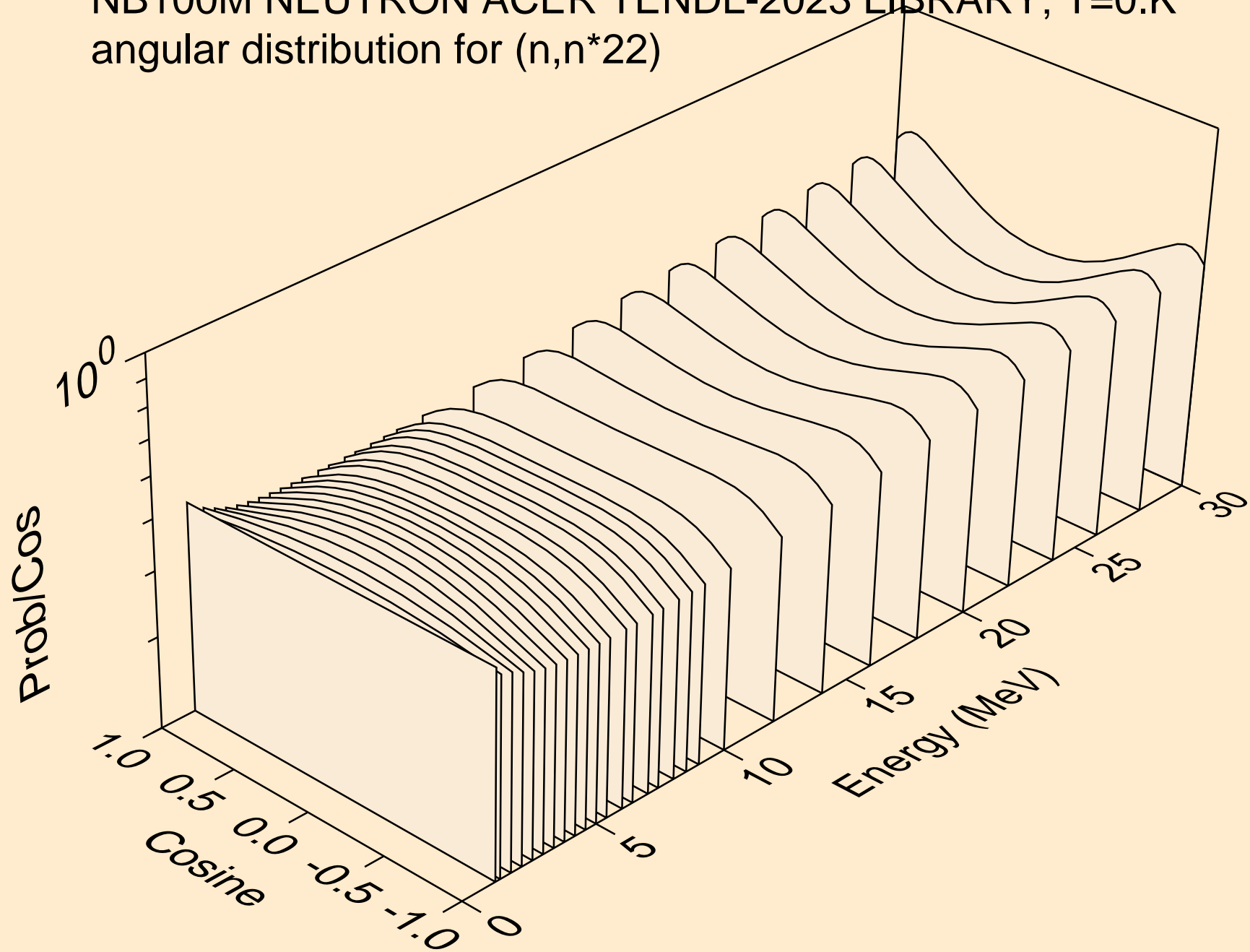
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angular distribution for (n,n\*20)



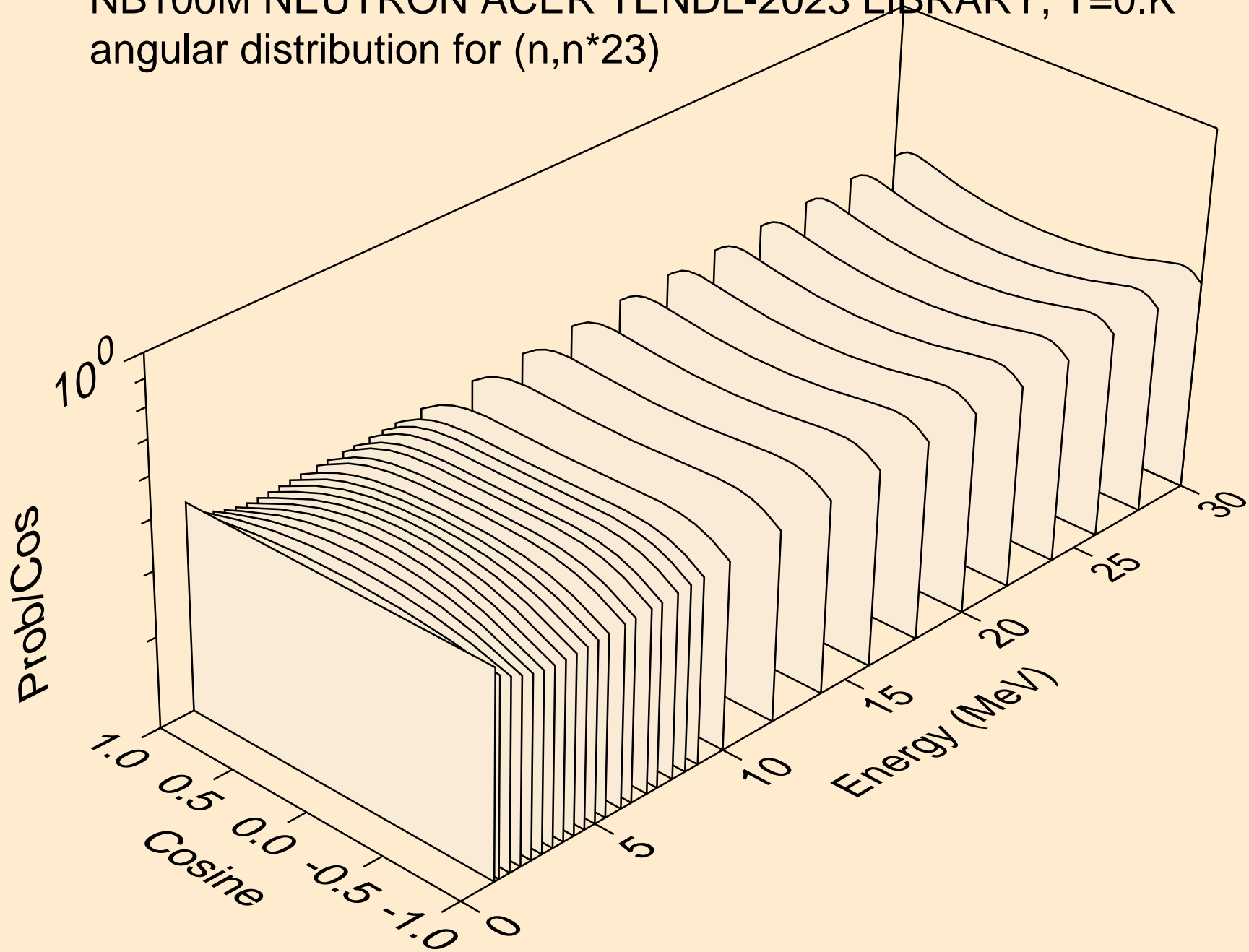
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angular distribution for (n,n\*21)



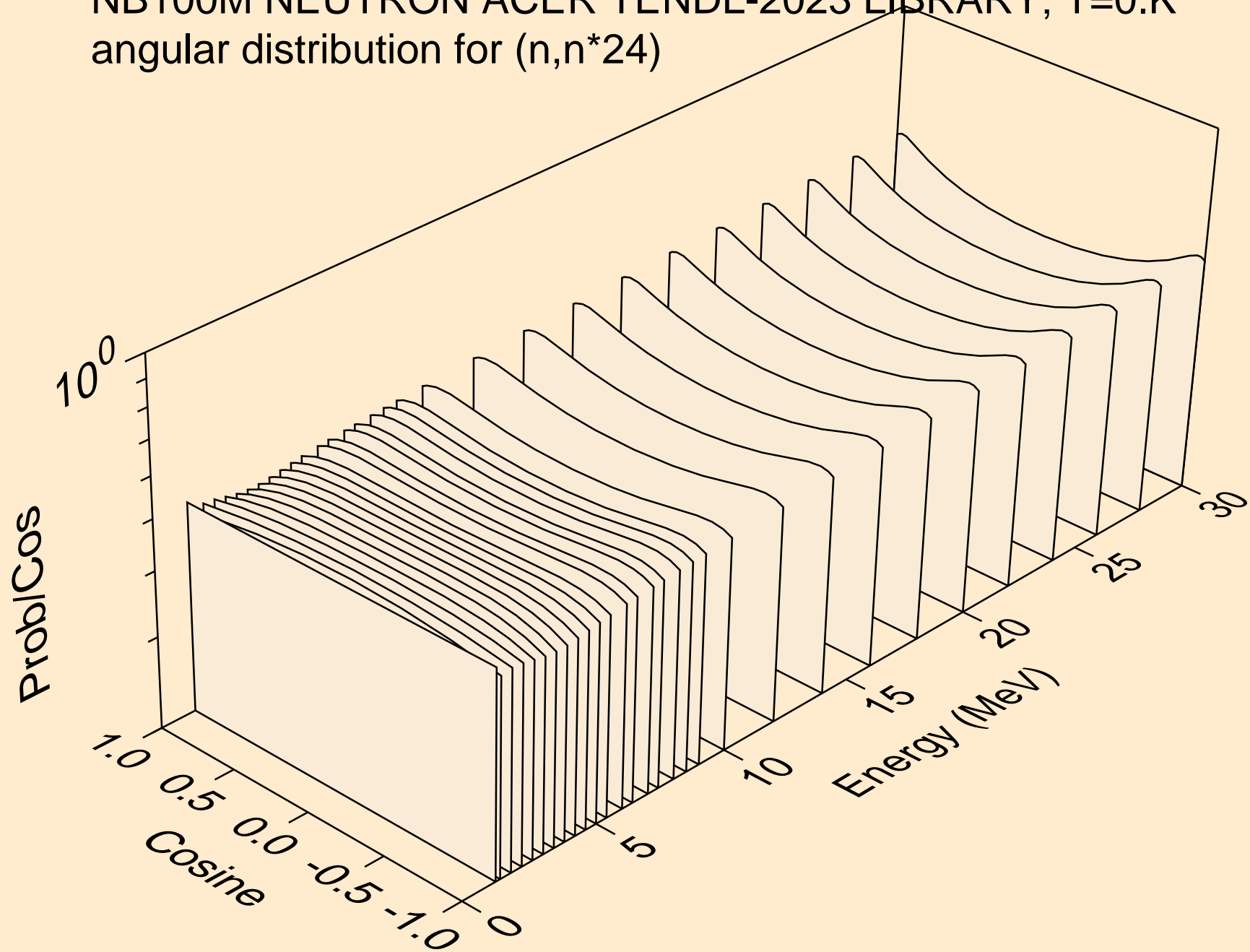
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angular distribution for (n,n\*22)



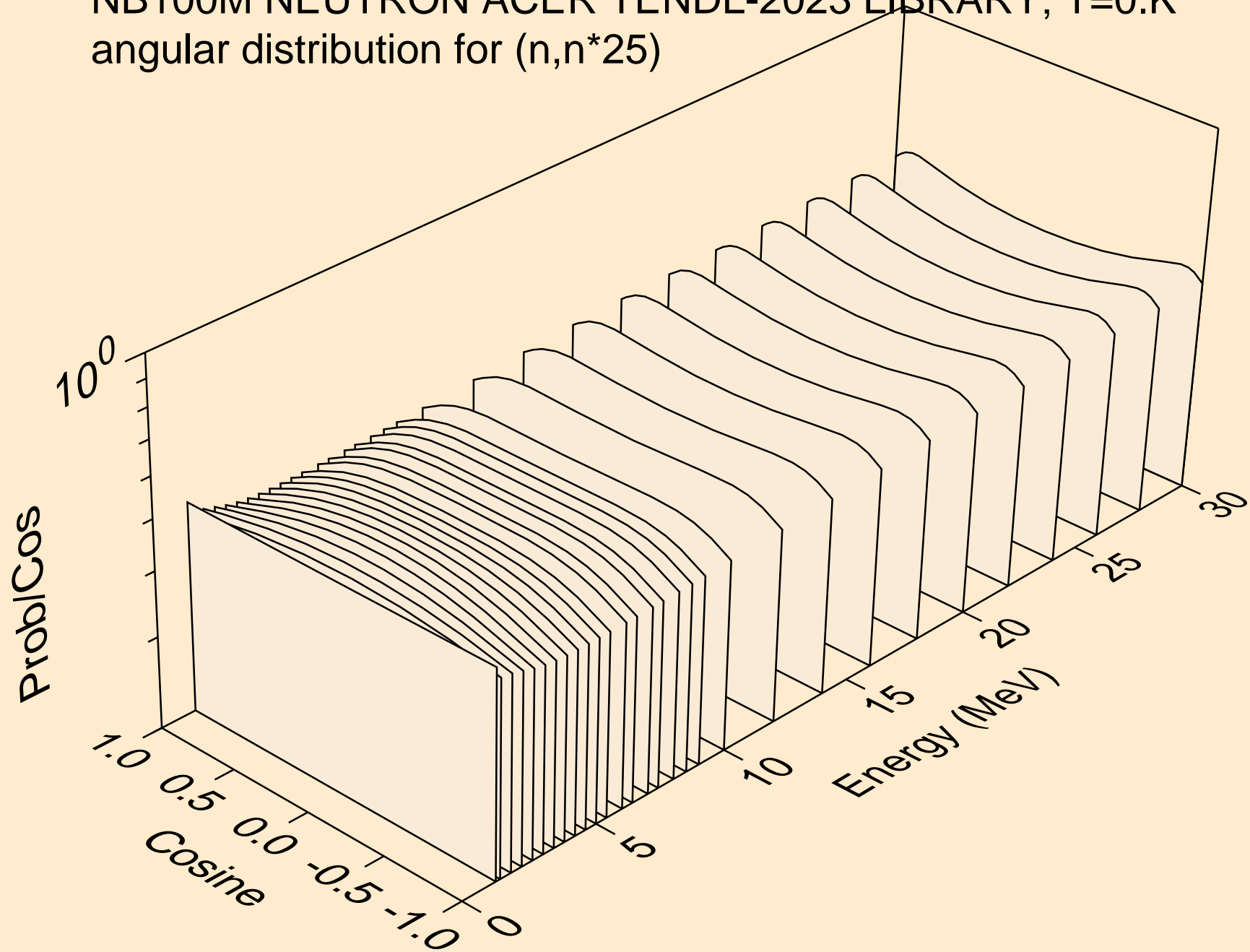
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angular distribution for (n,n\*23)



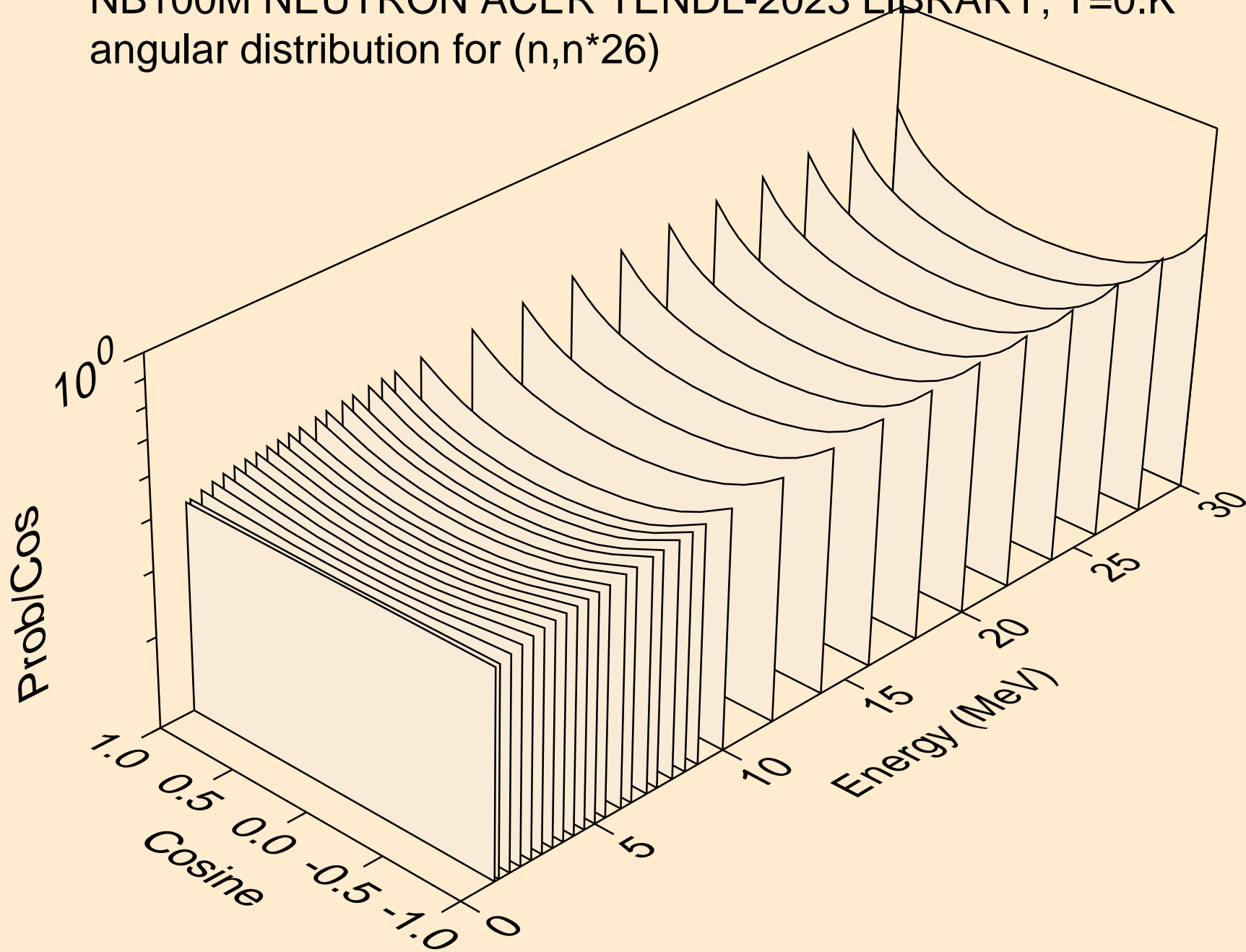
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

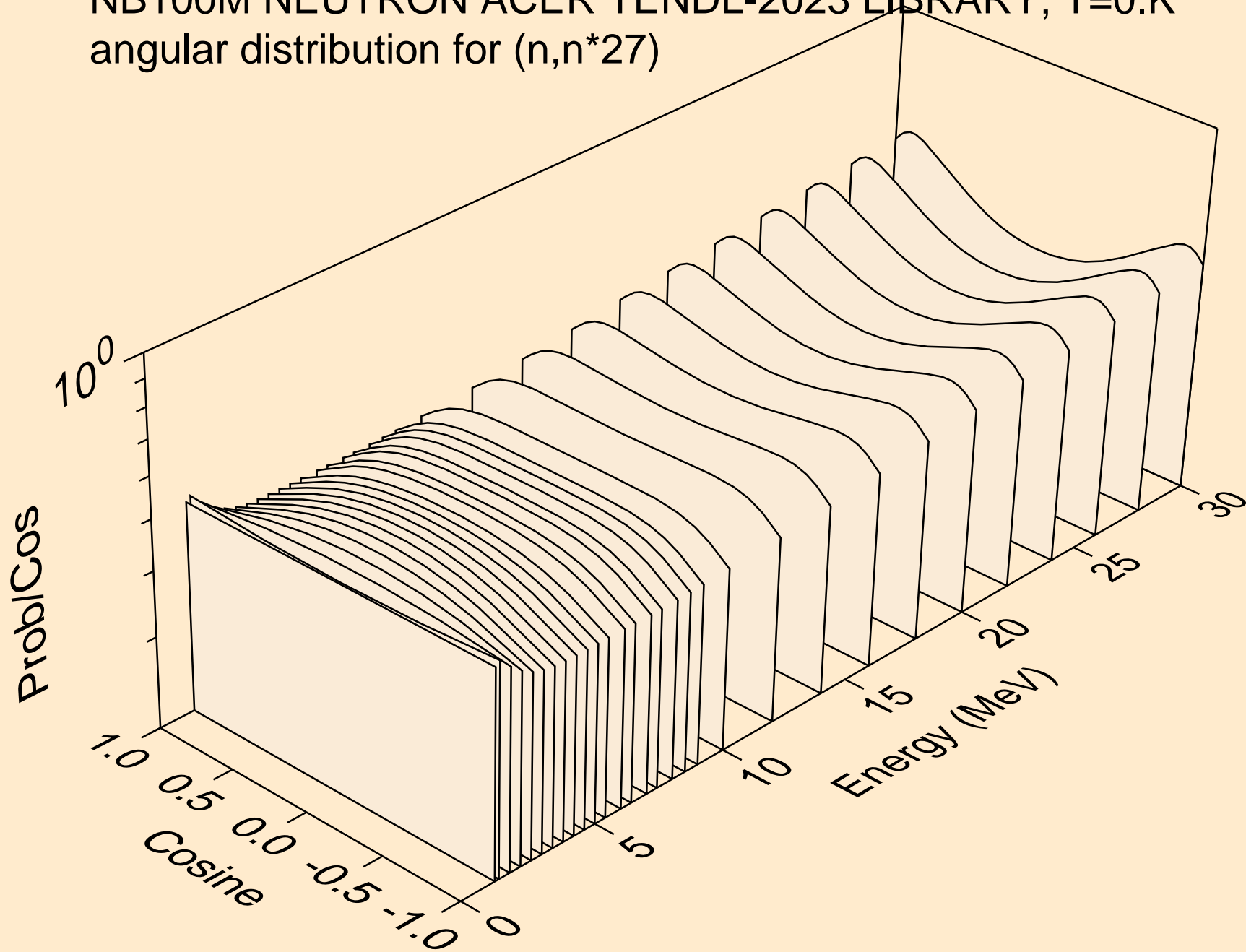


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

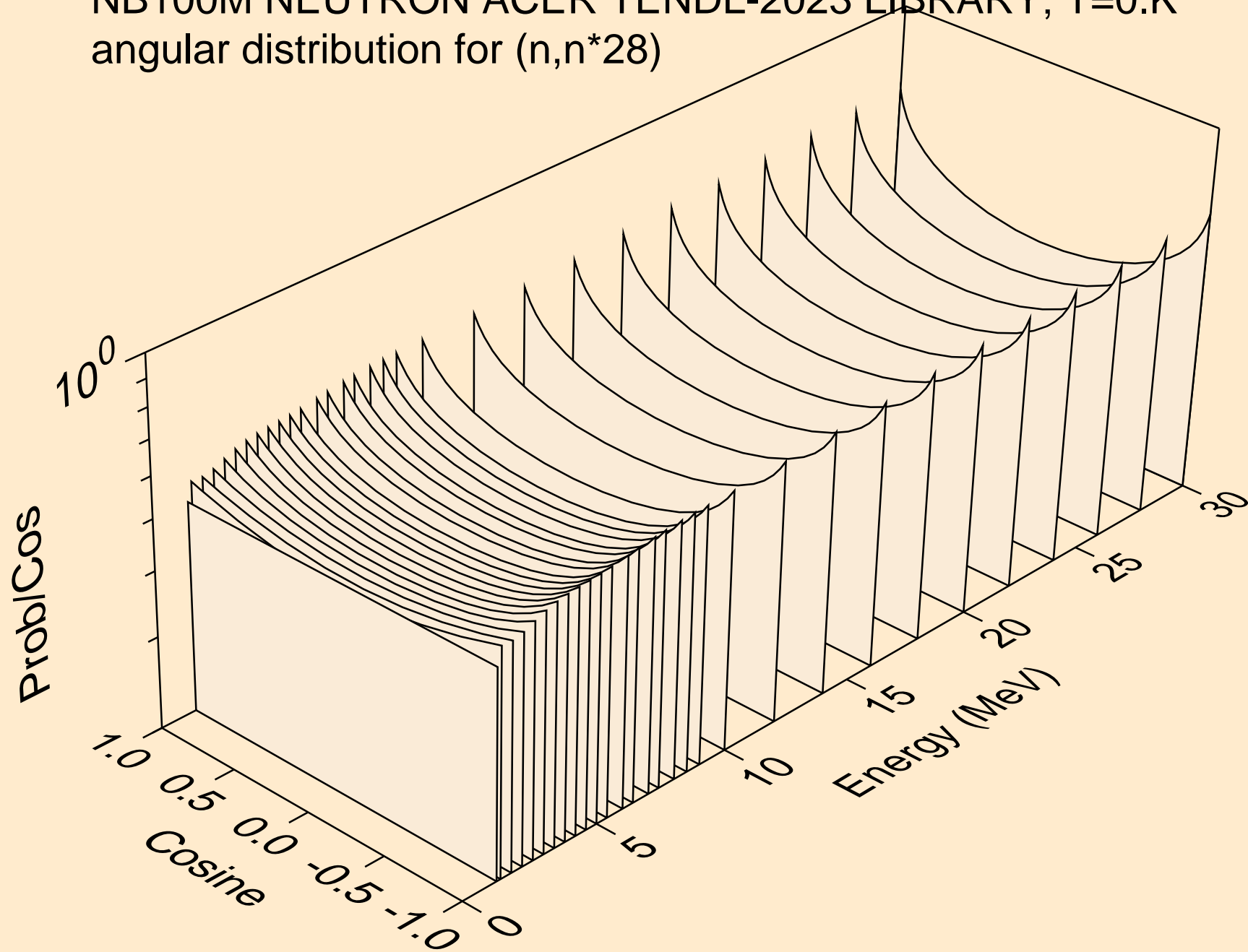




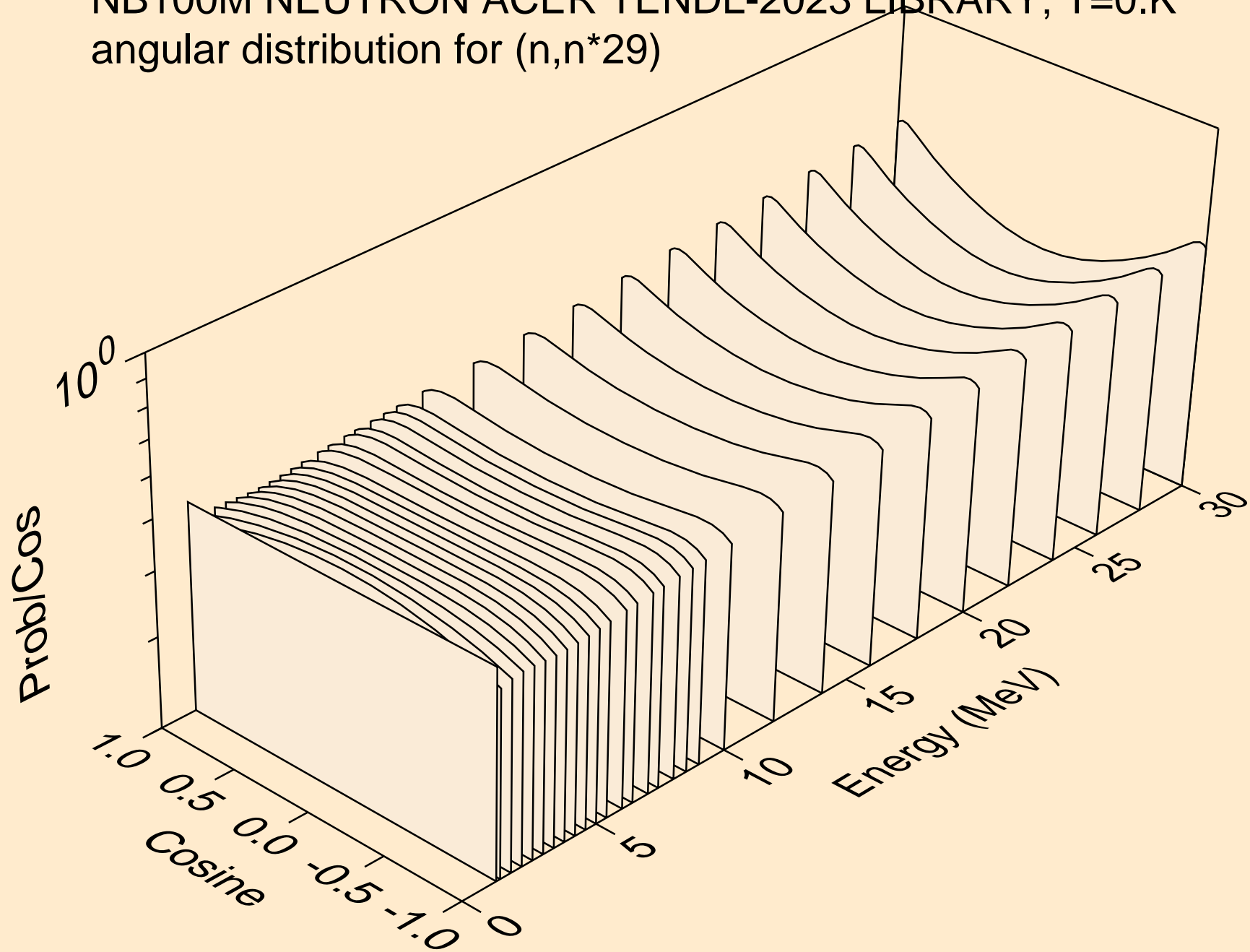
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angular distribution for (n,n\*27)



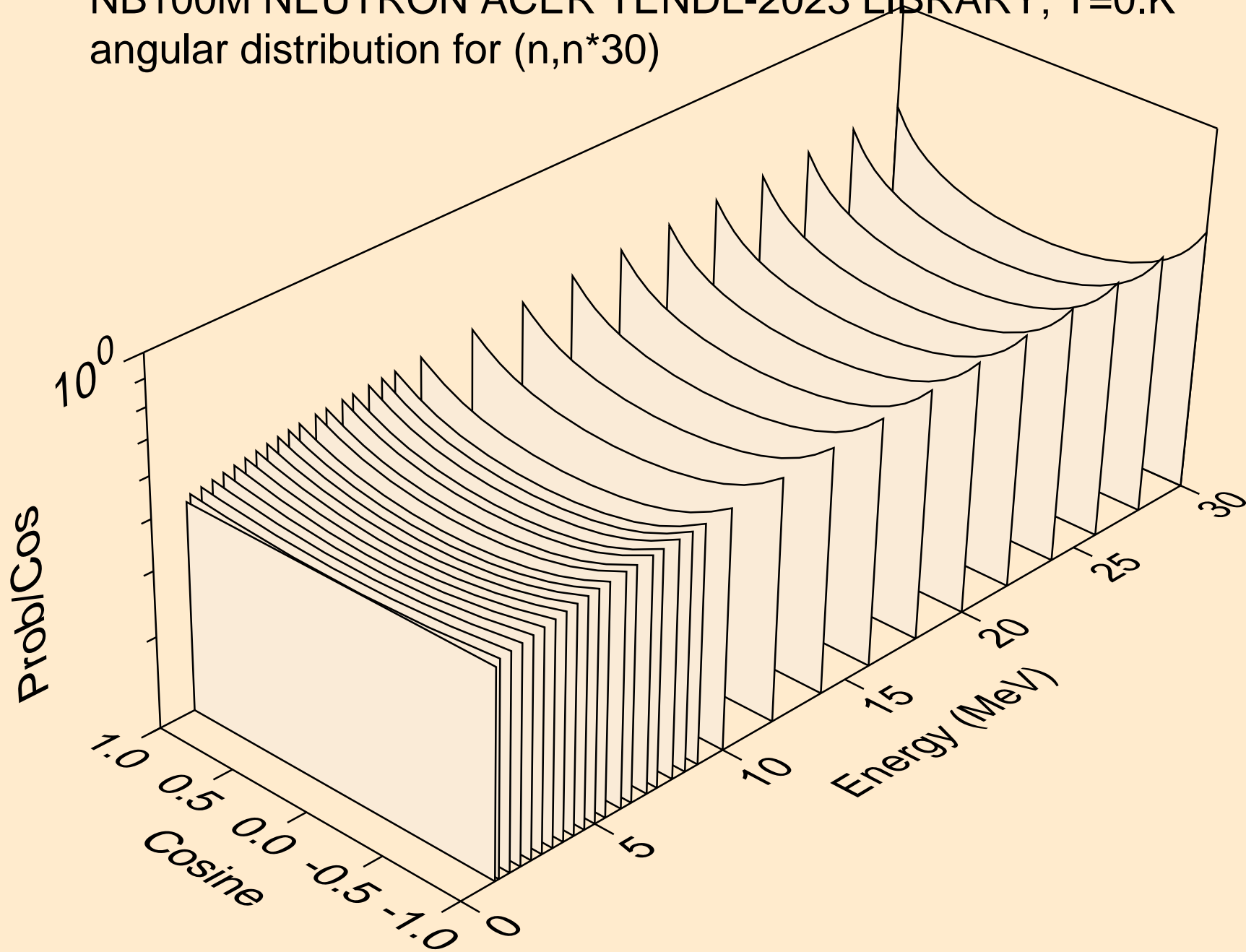
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angular distribution for (n,n\*28)



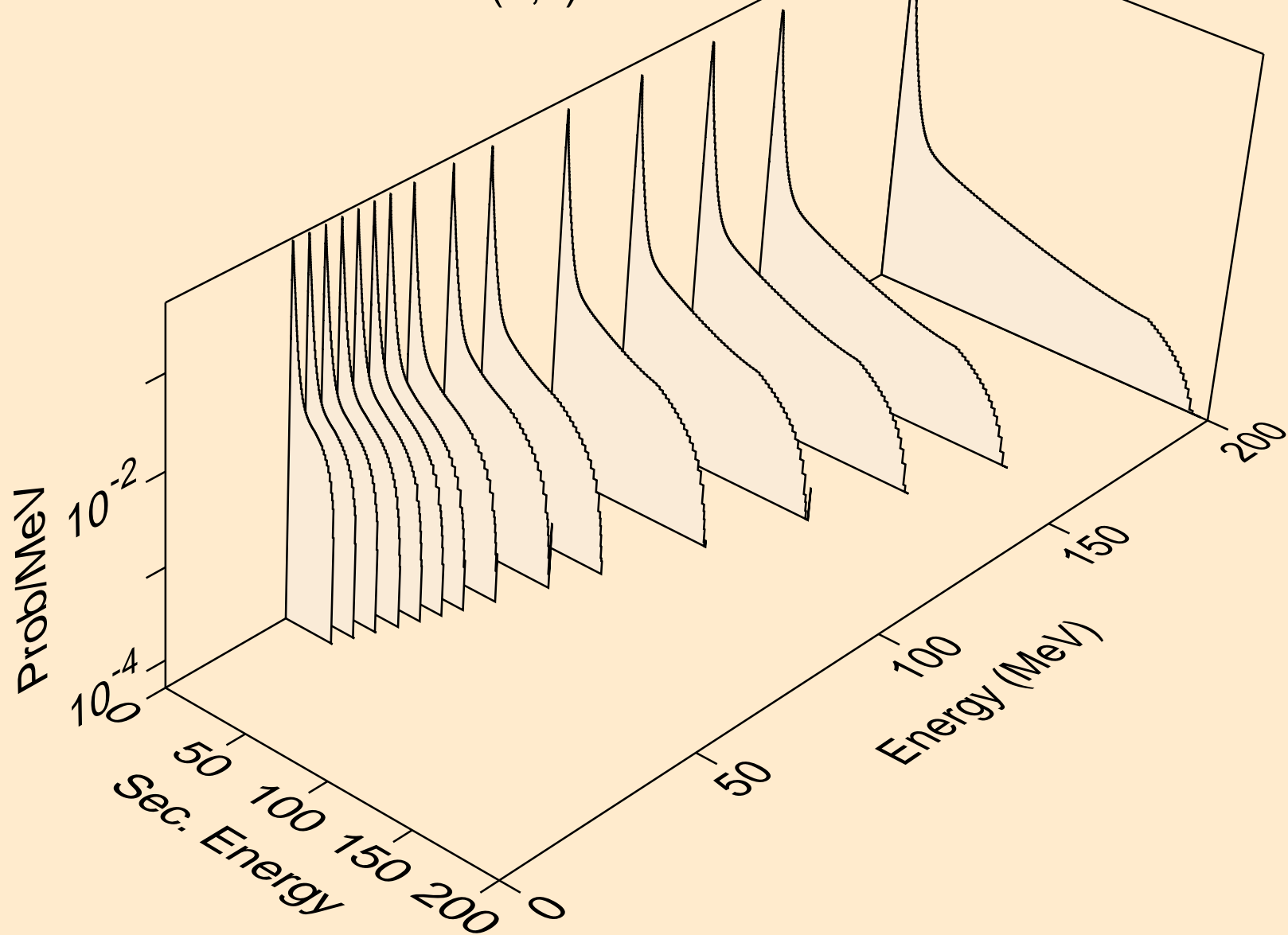
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angular distribution for (n,n\*29)



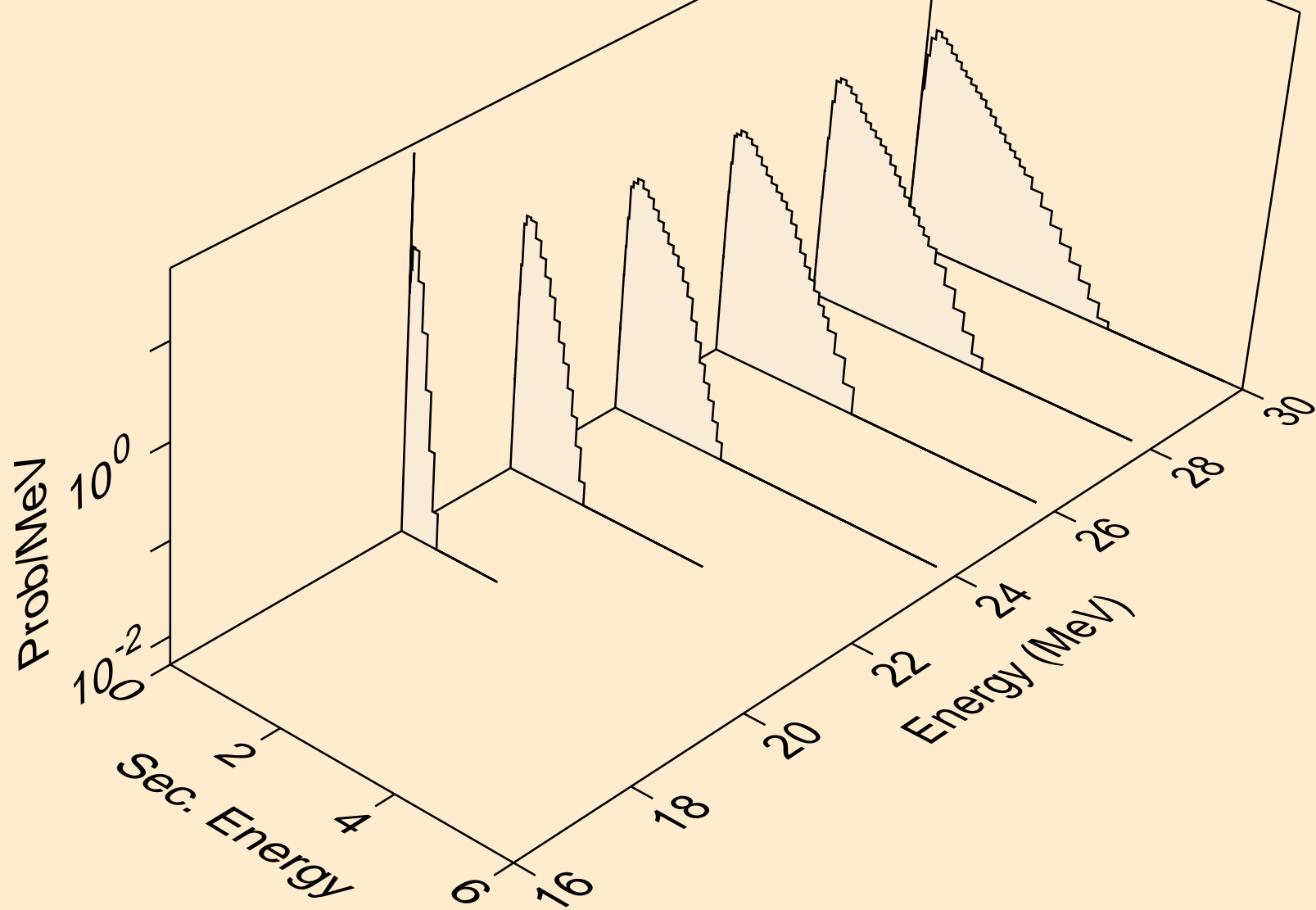
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angular distribution for (n,n\*30)



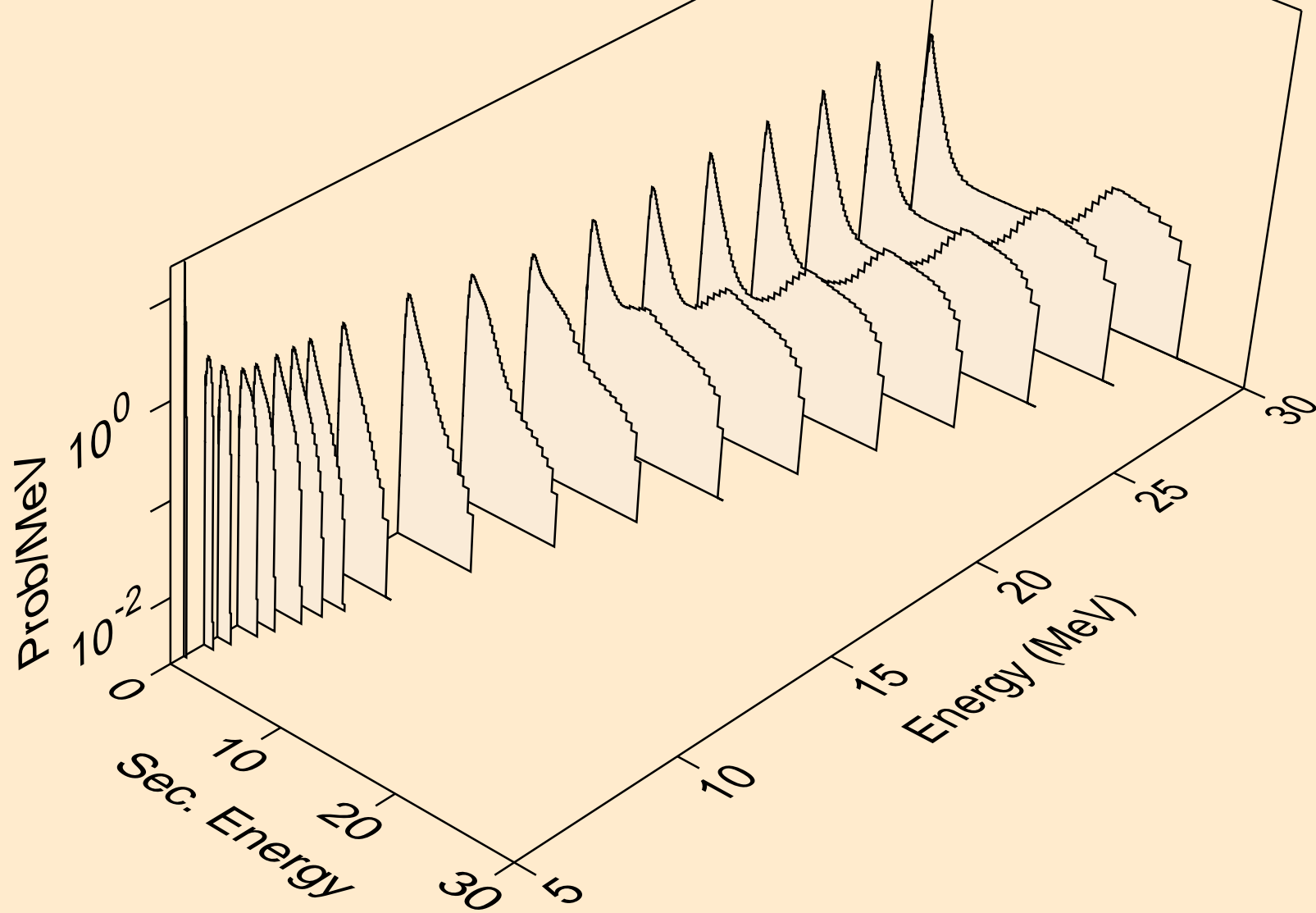
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



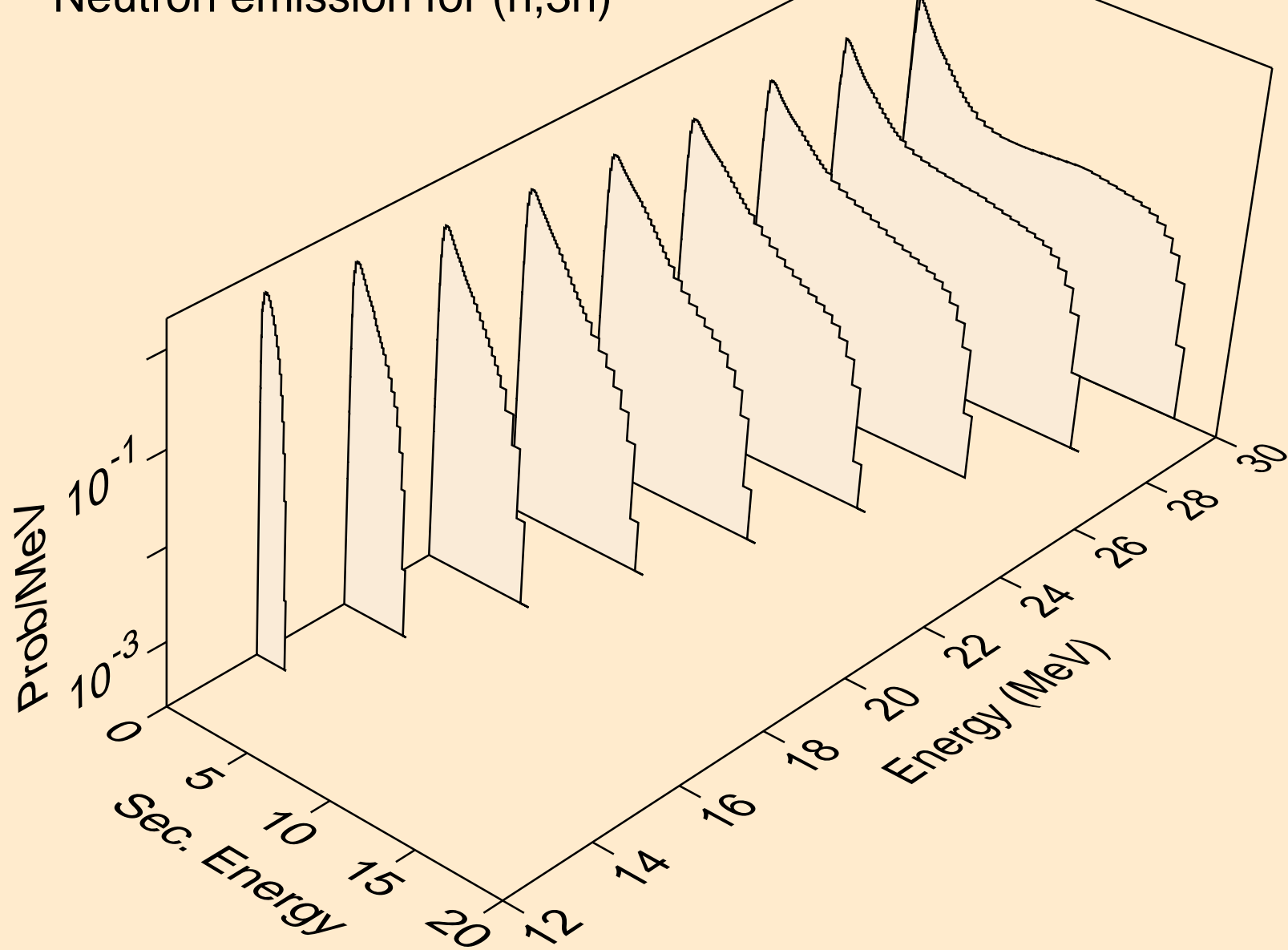
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

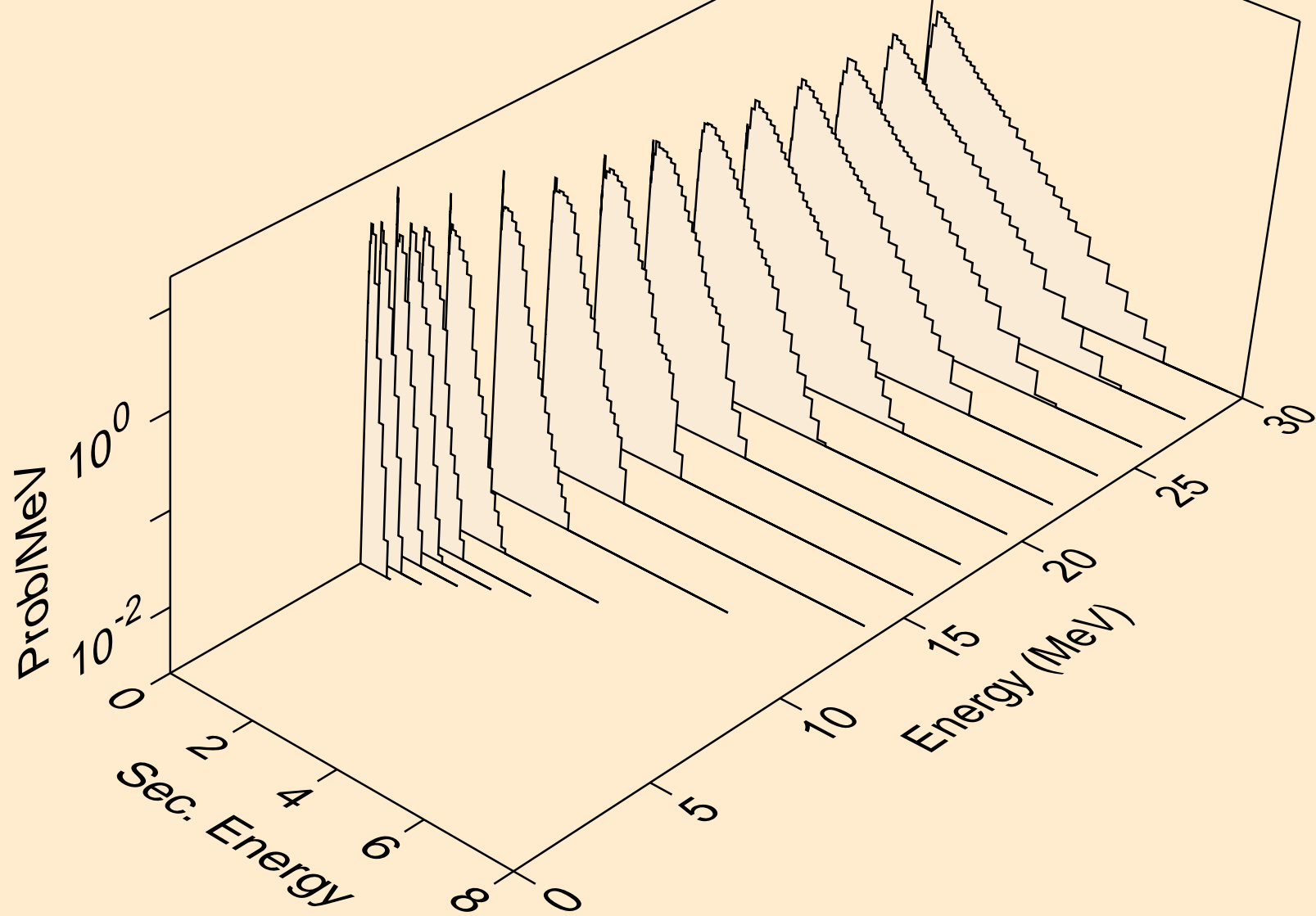


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

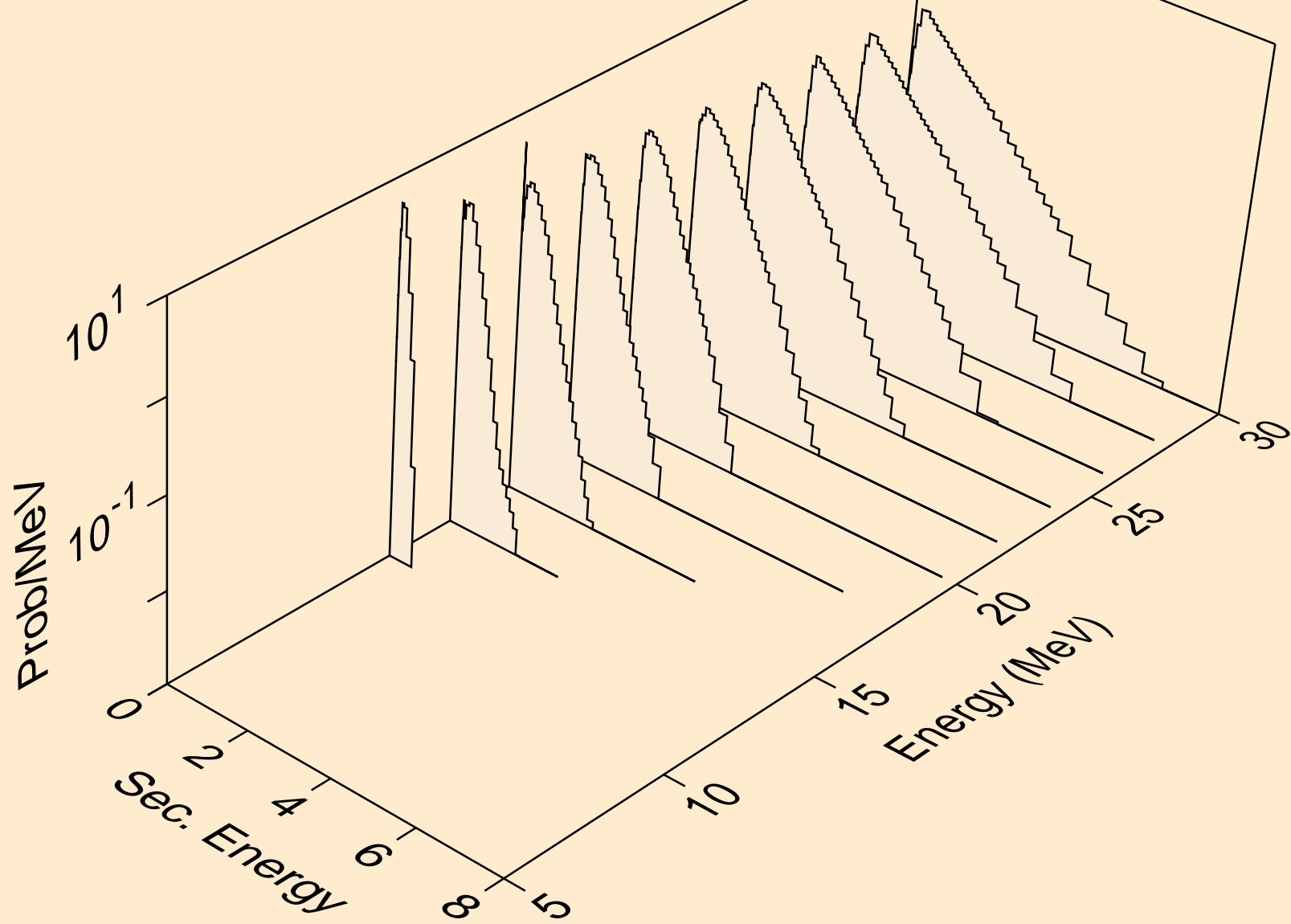




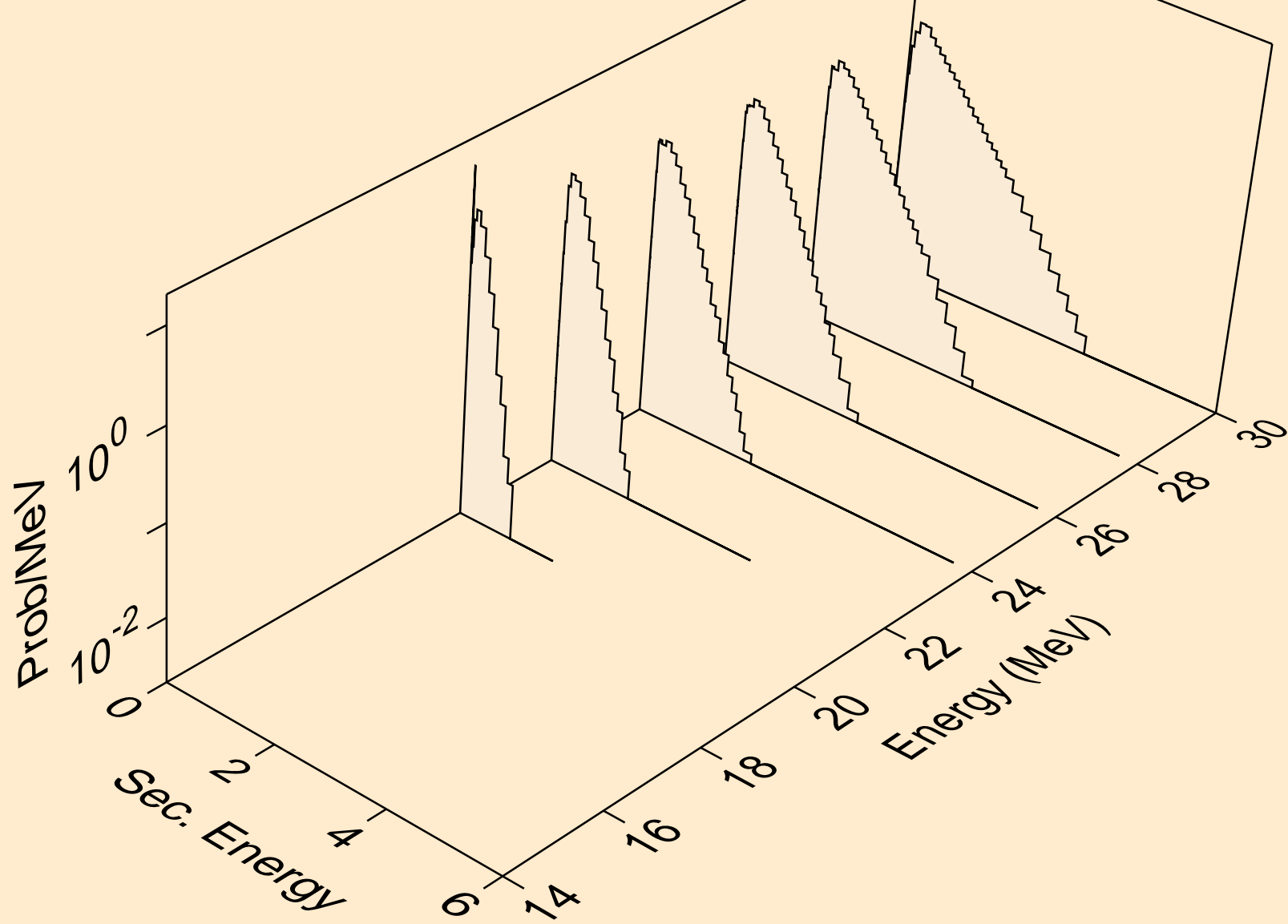
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



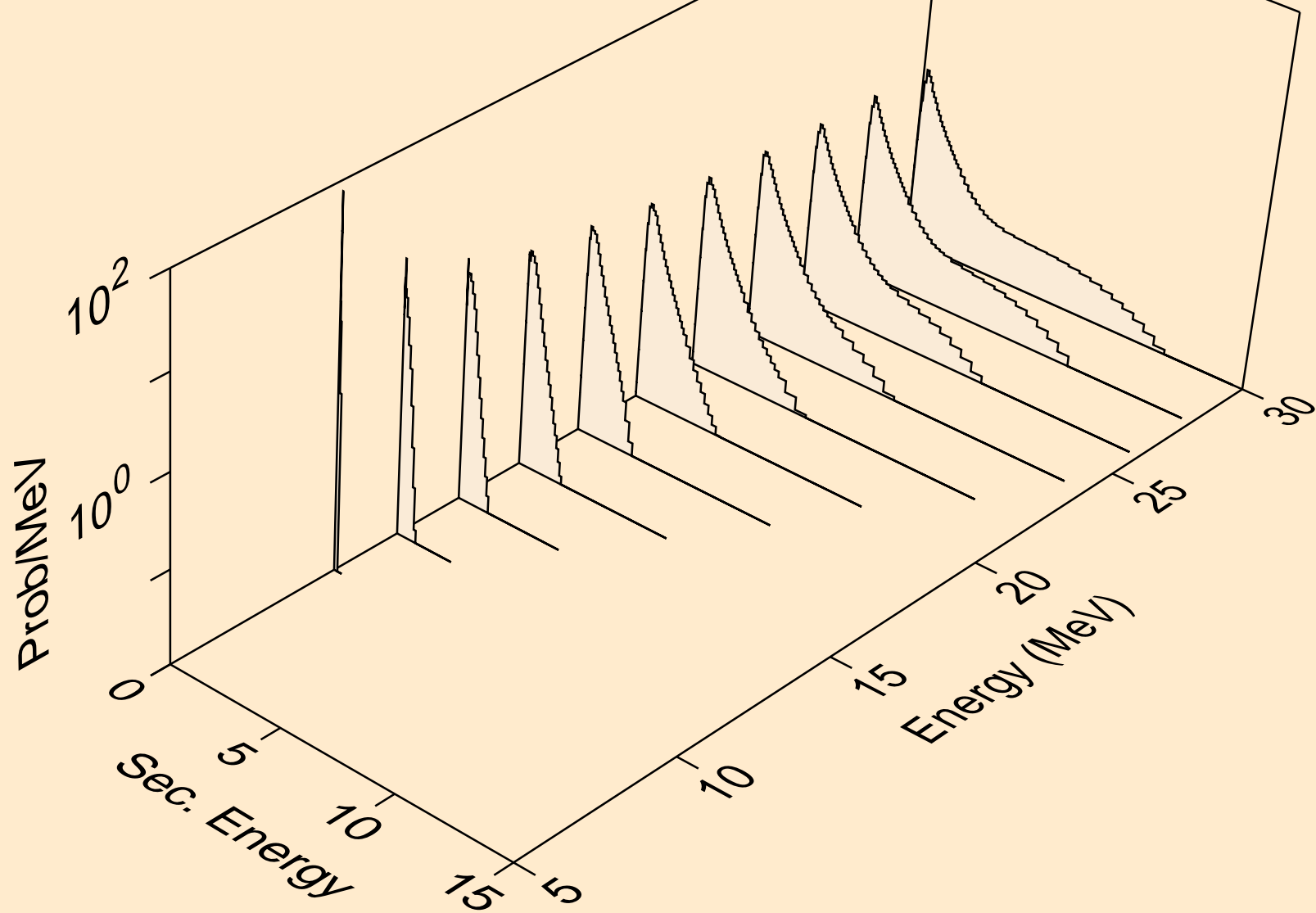
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Neutron emission for (n,2n)a



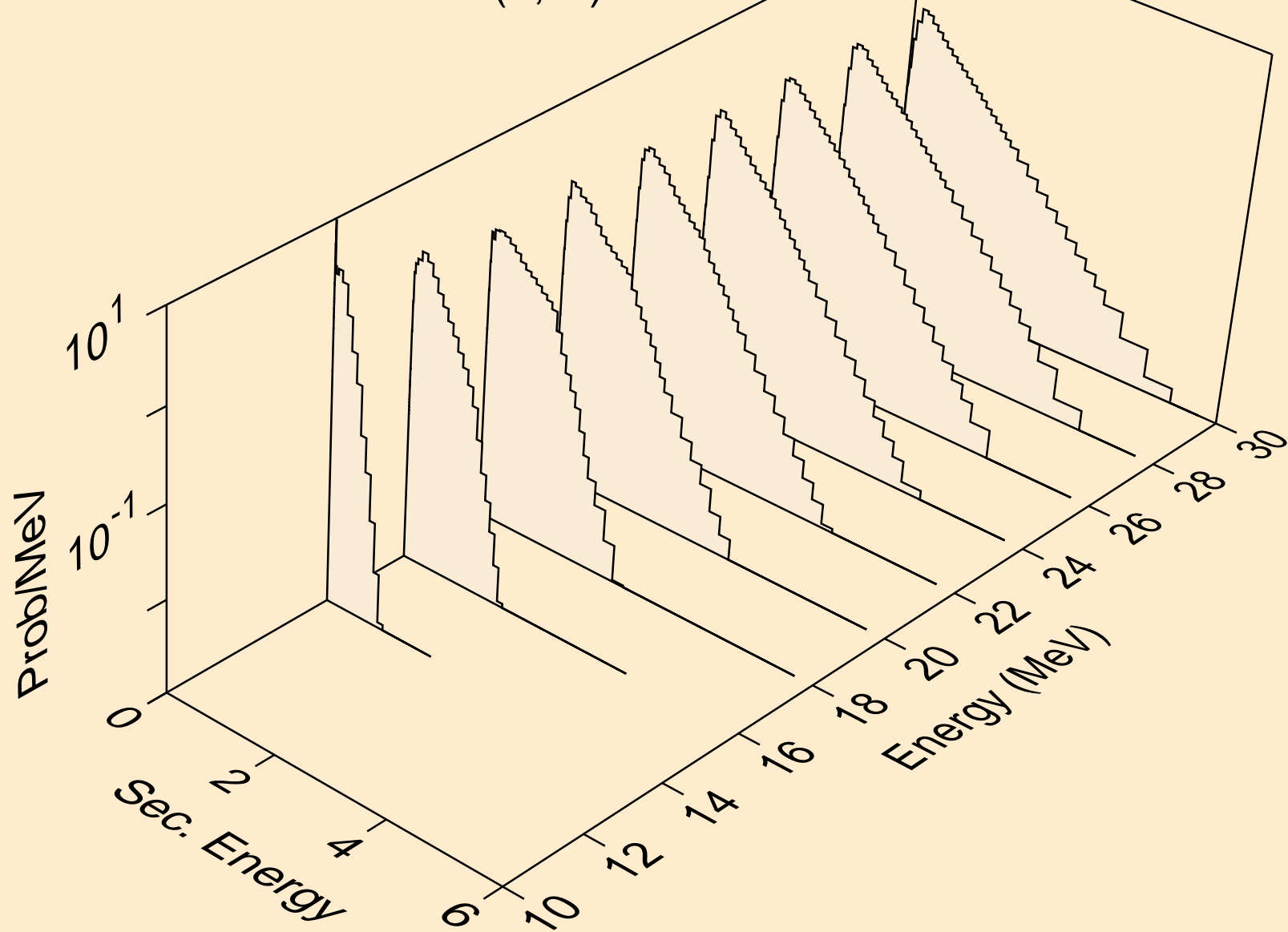
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Neutron emission for (n,3n)a



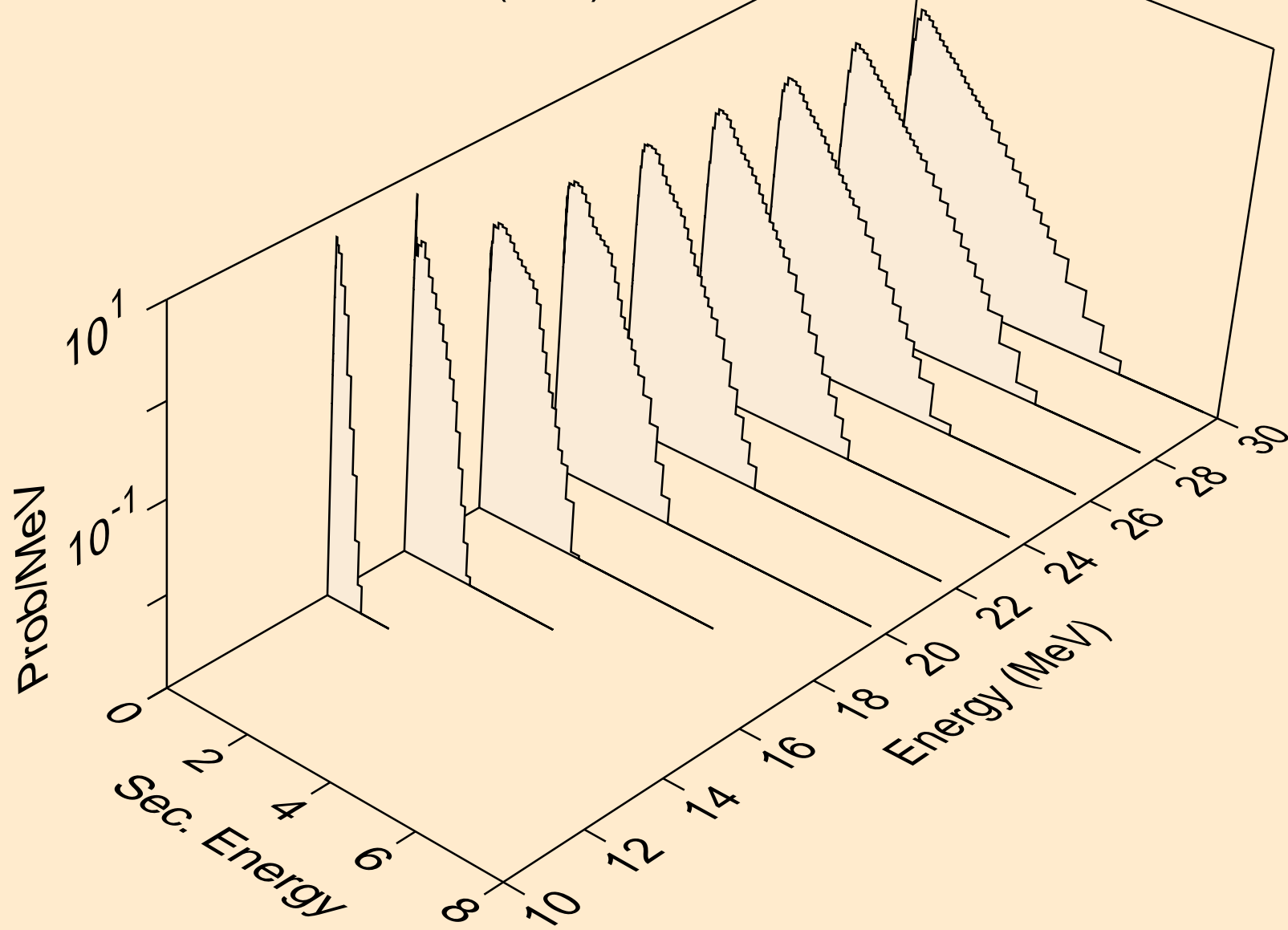
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Neutron emission for (n,n\*)p



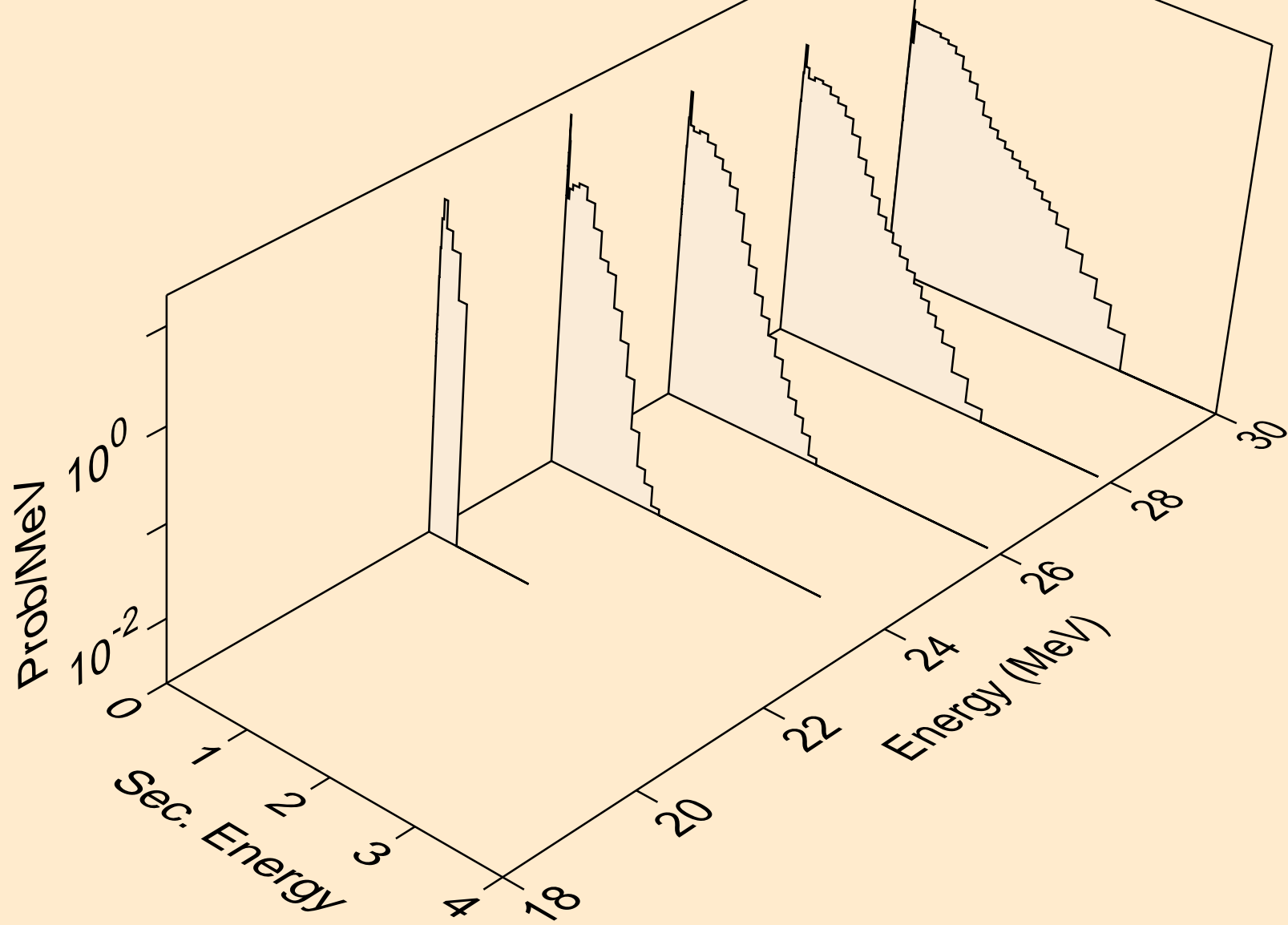
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Neutron emission for (n,n\*)d



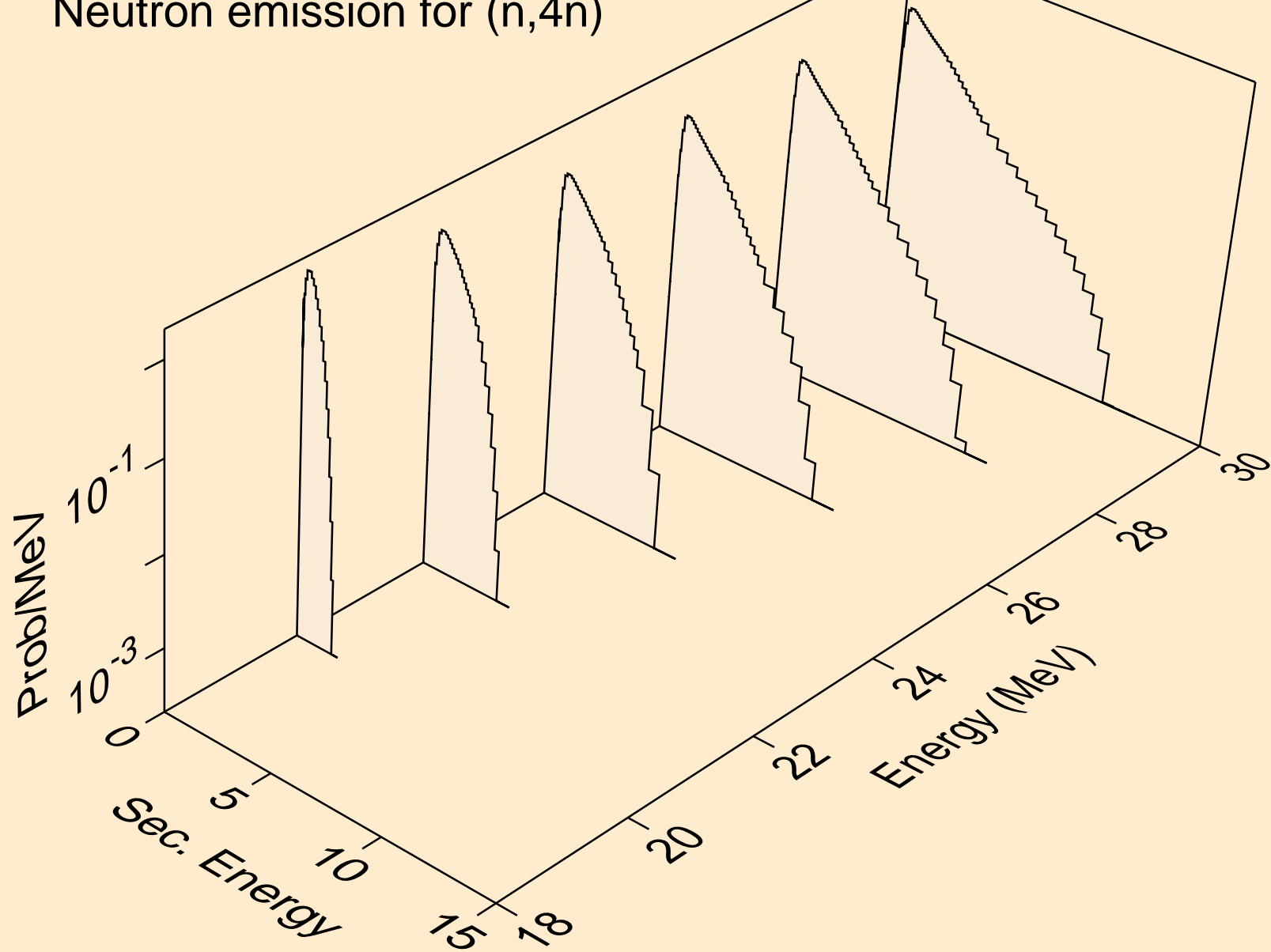
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

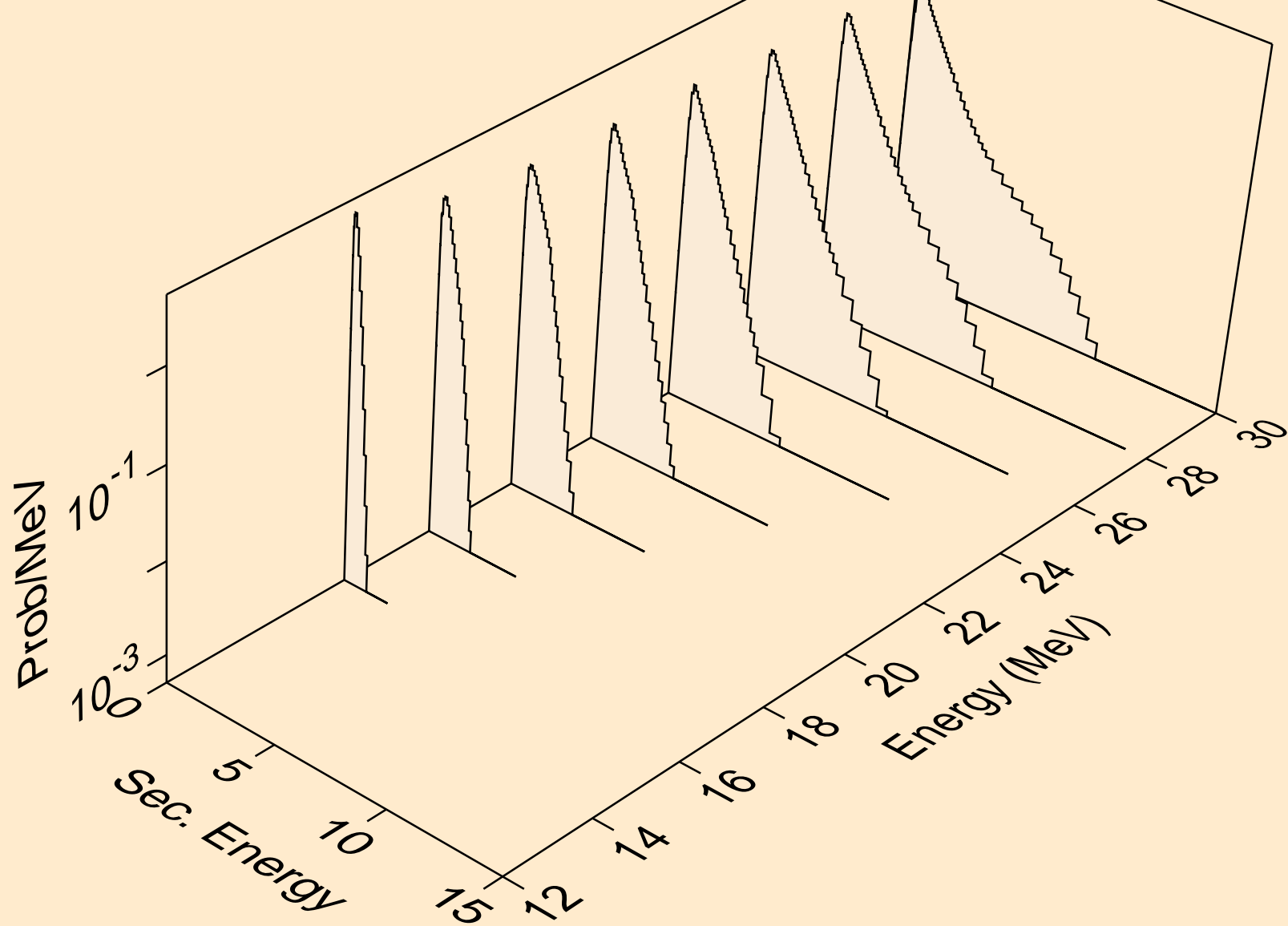


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

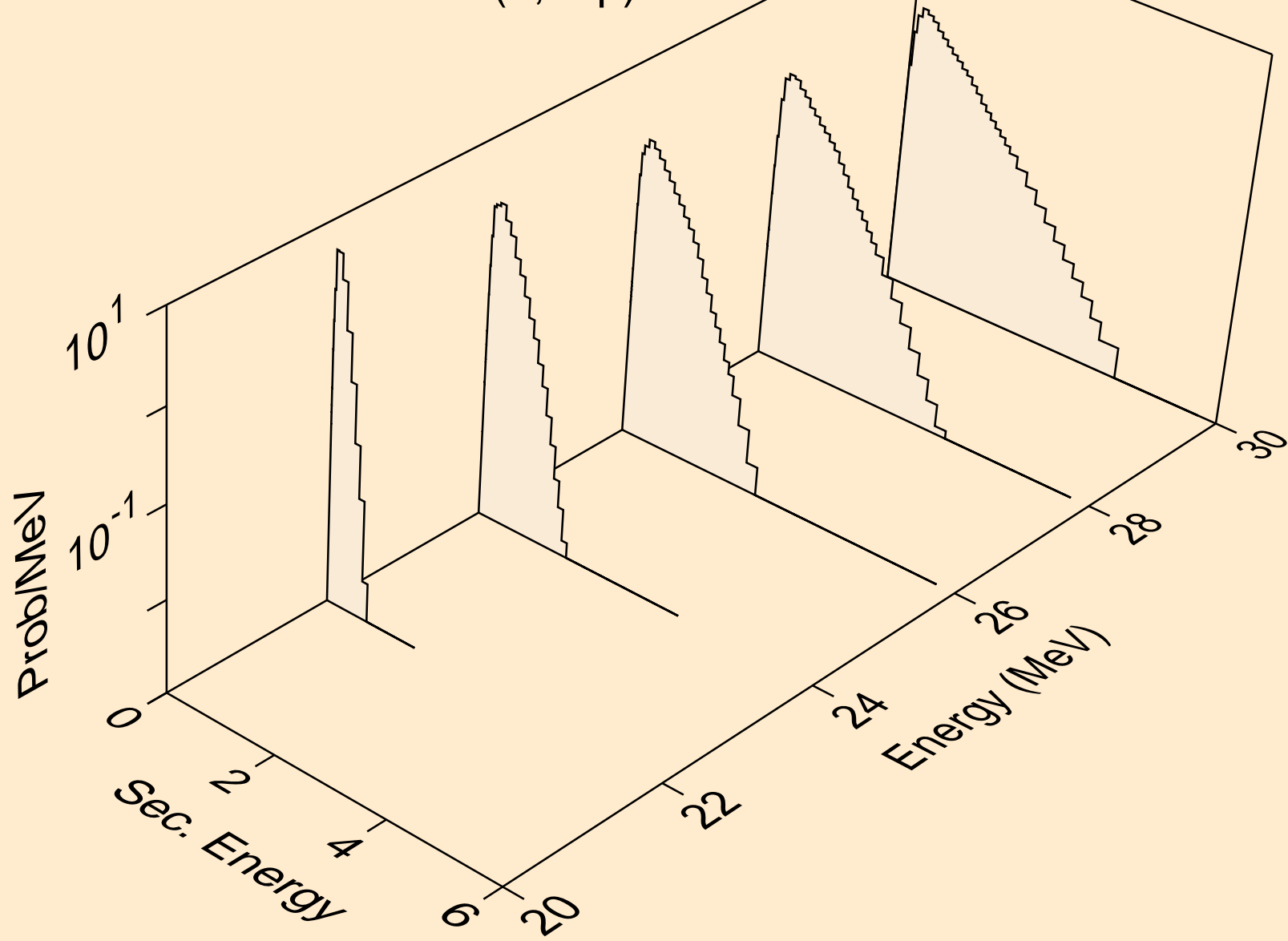




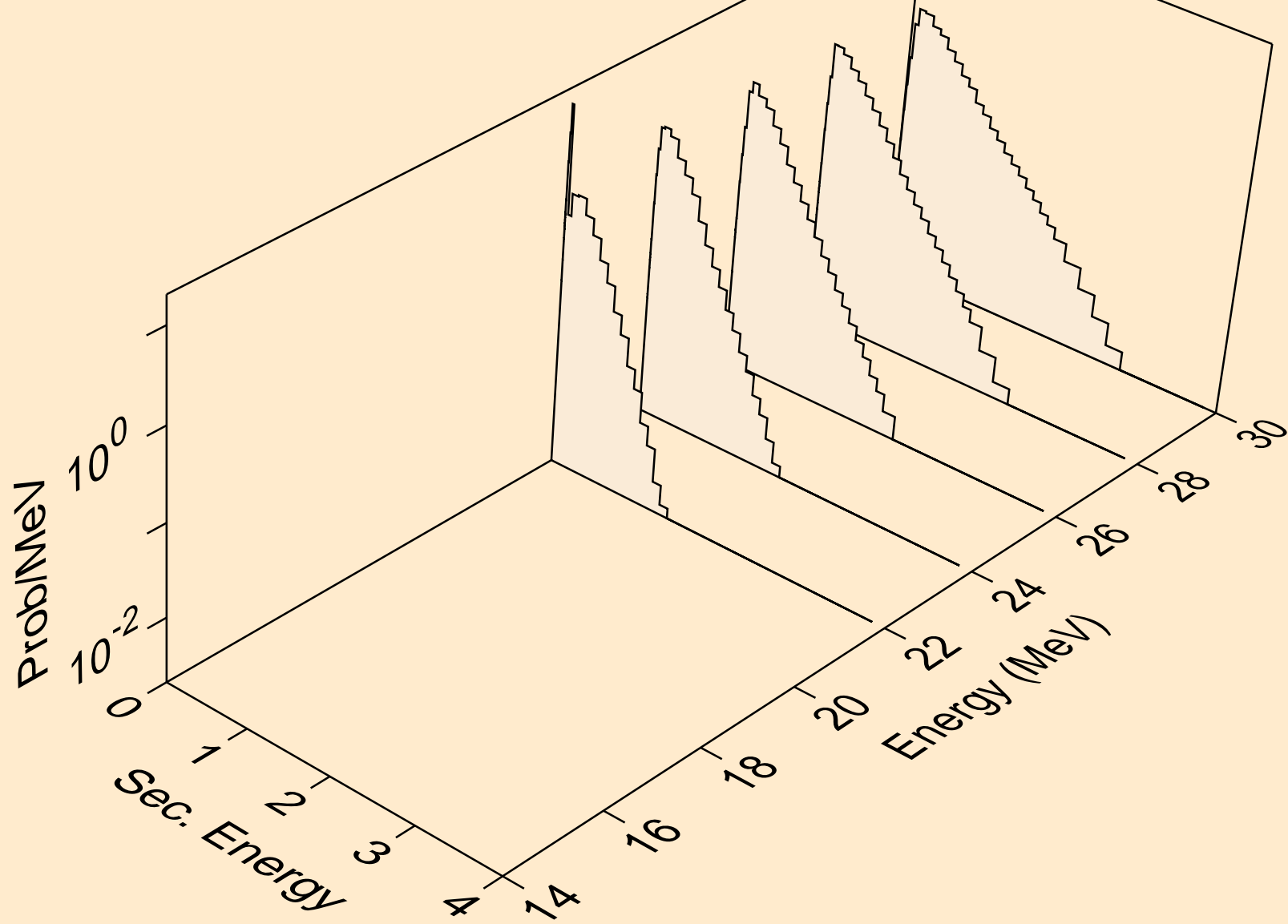
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



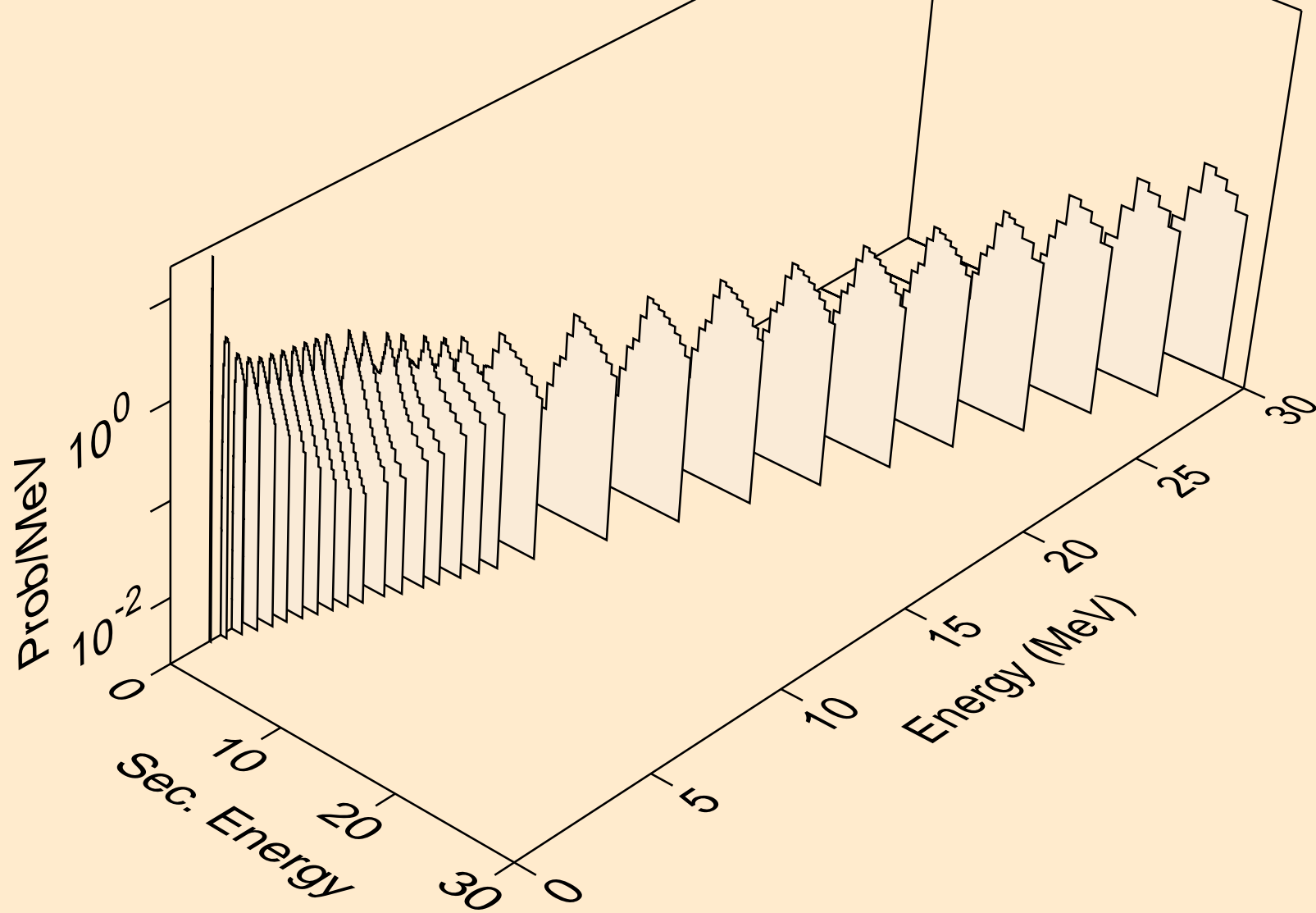
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Neutron emission for (n,3np)



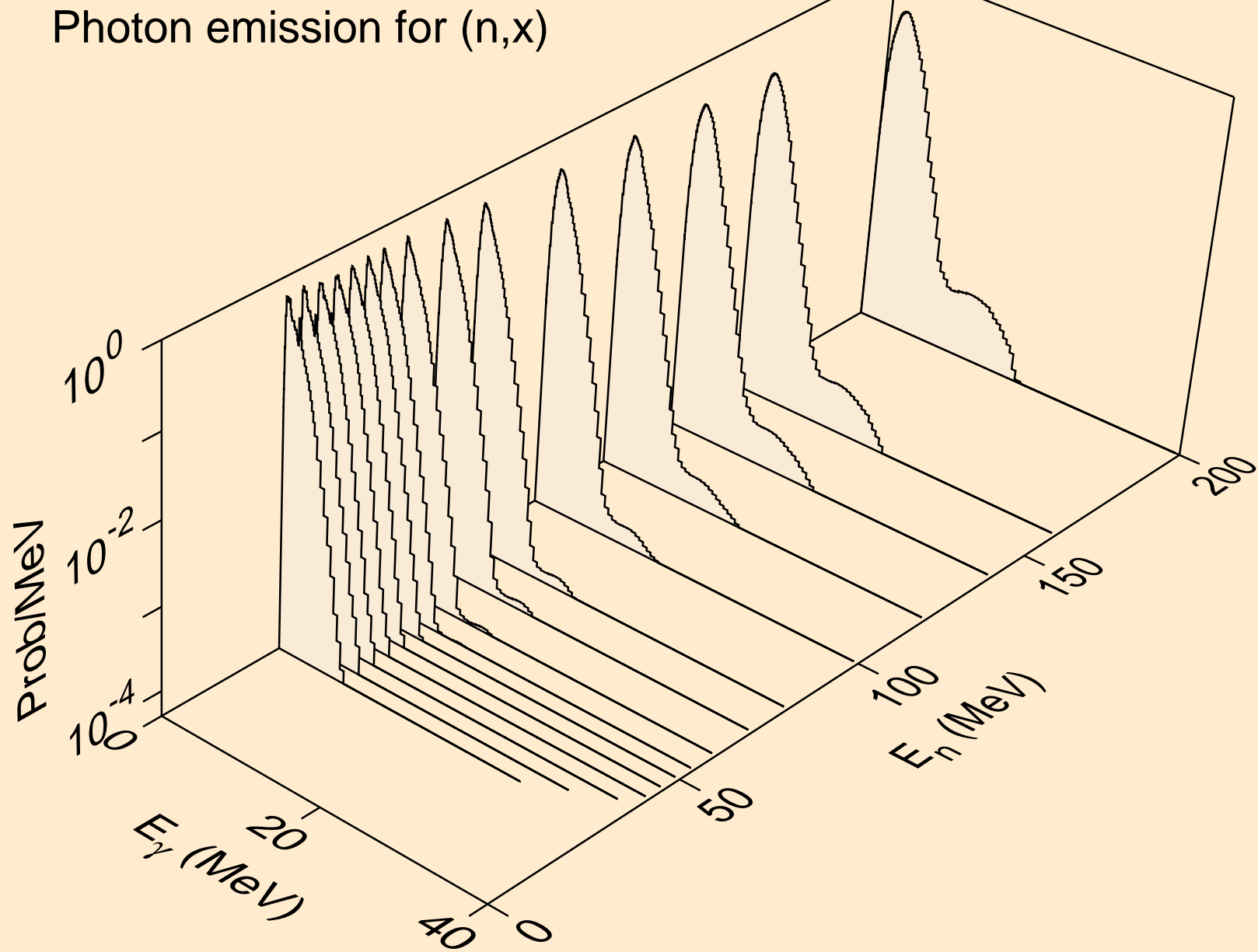
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Neutron emission for (n,npa)



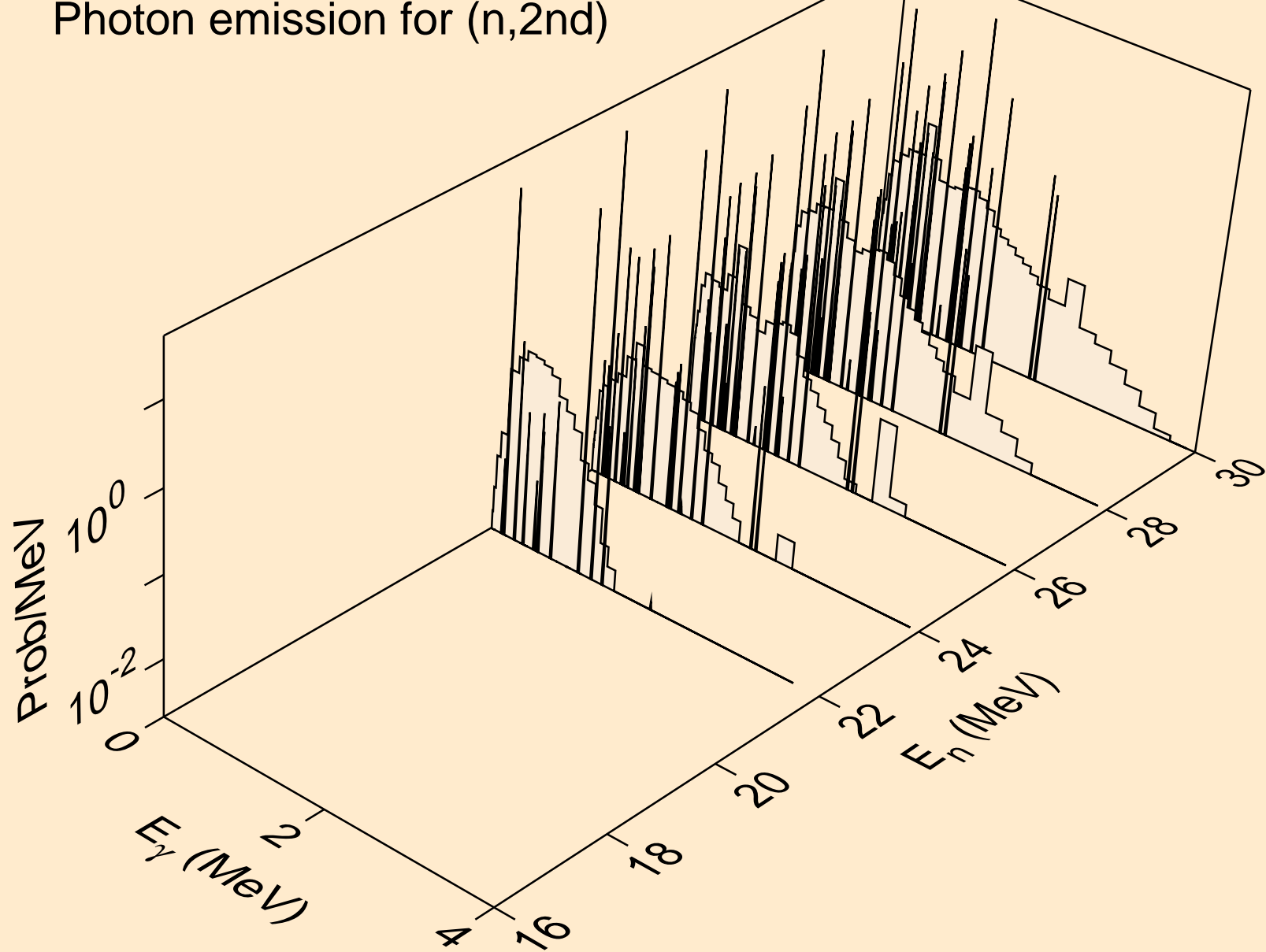
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Neutron emission for (n,n\*c)



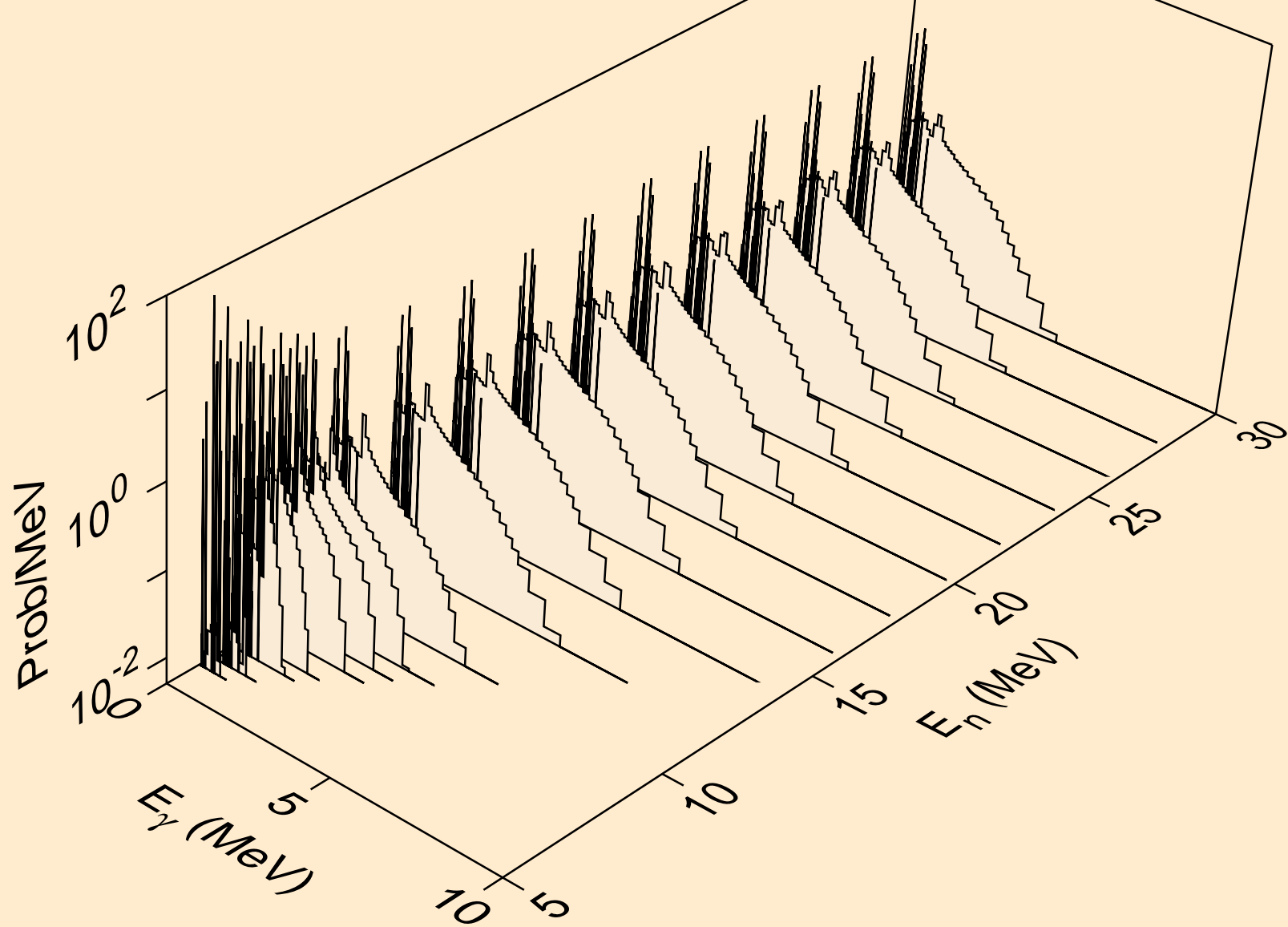
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Photon emission for (n,x)



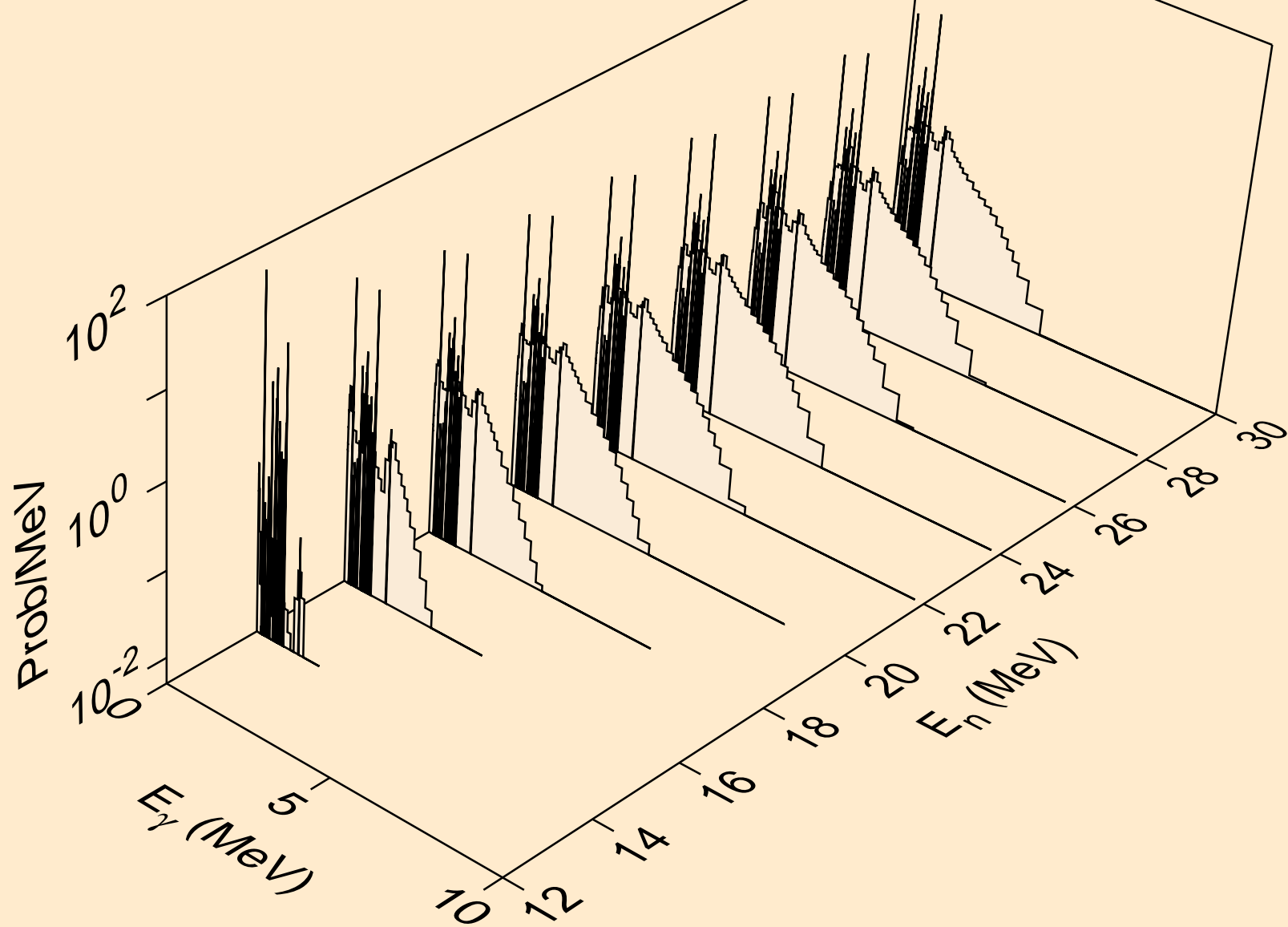
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

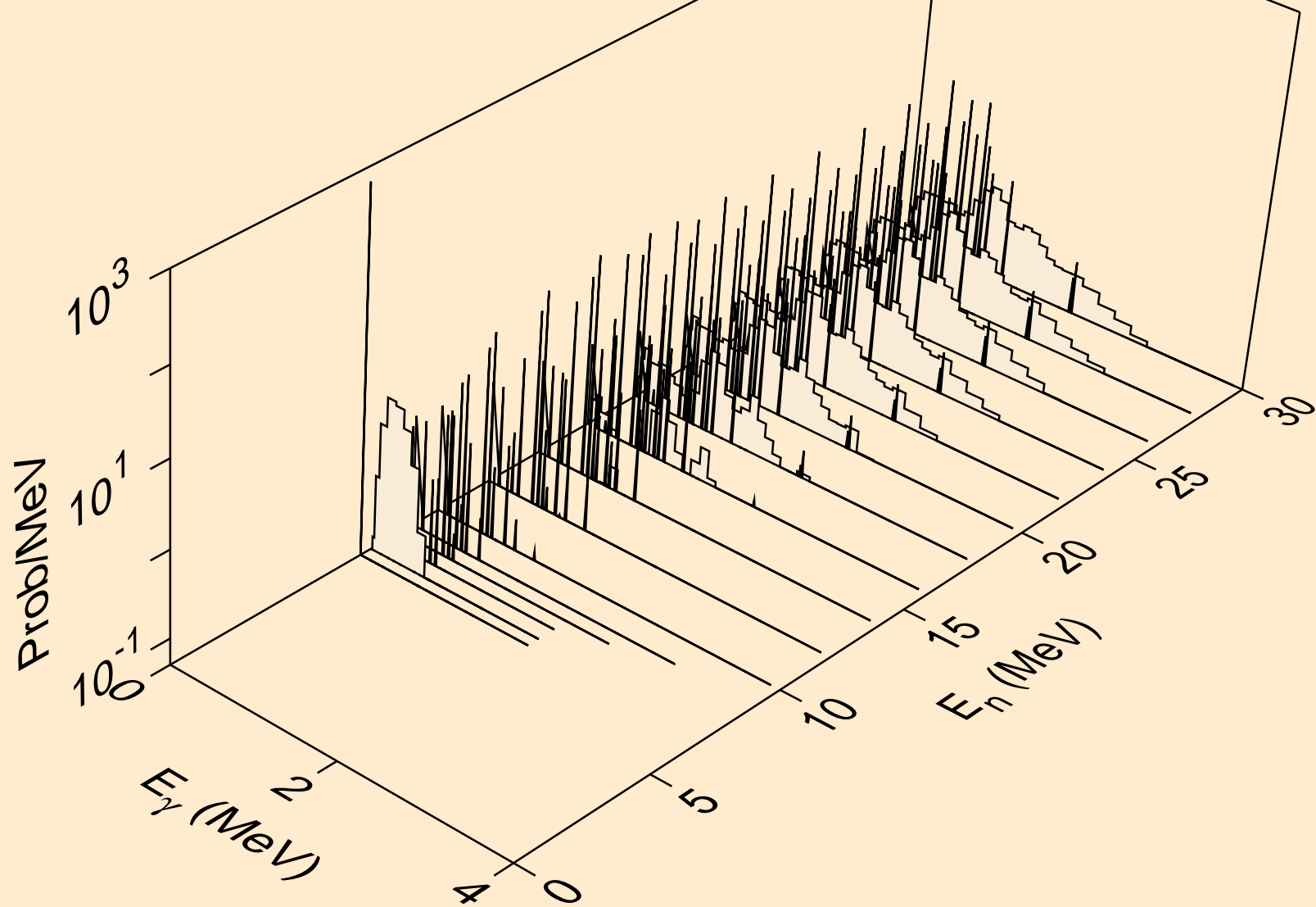


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Photon emission for (n,3n)

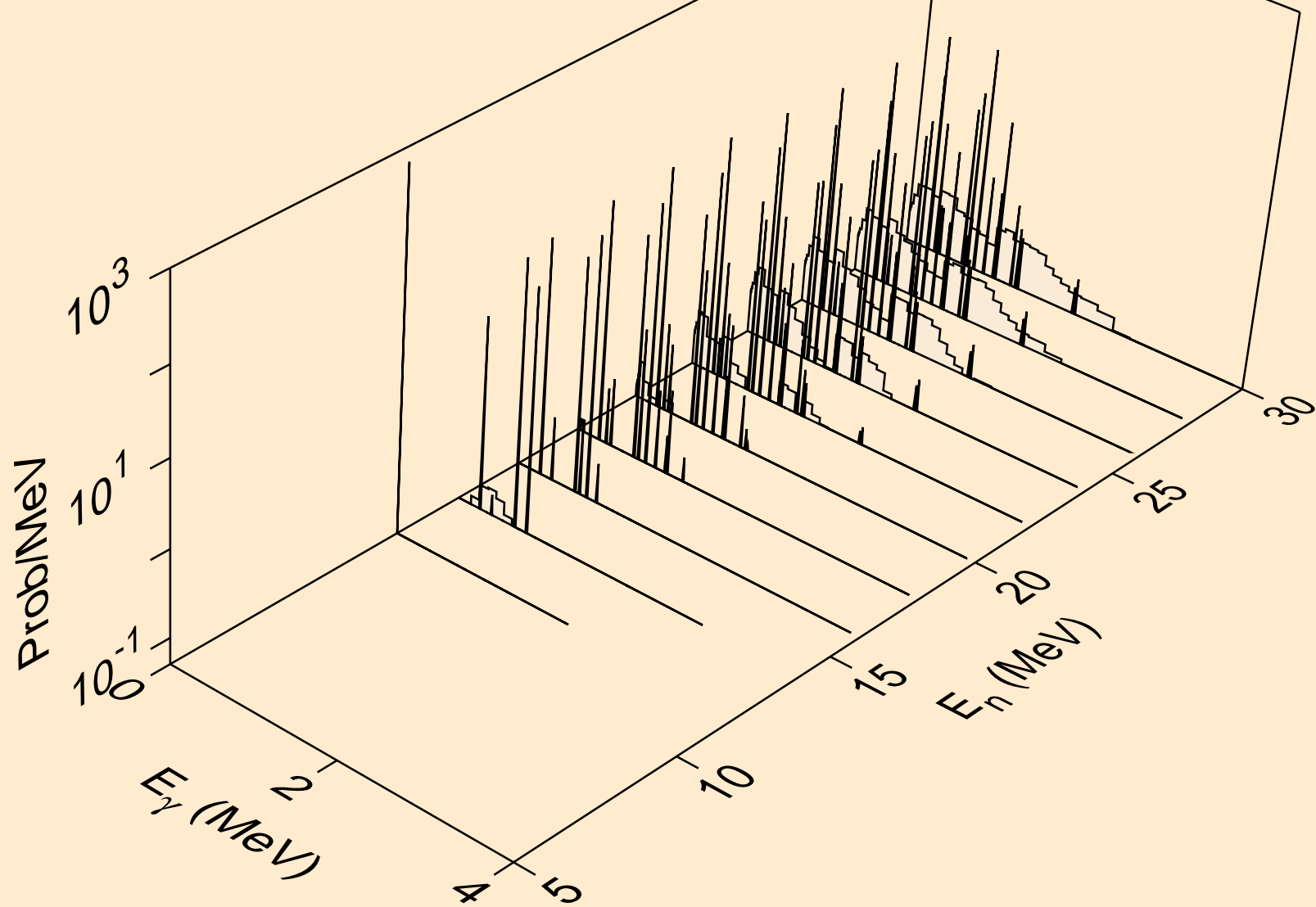




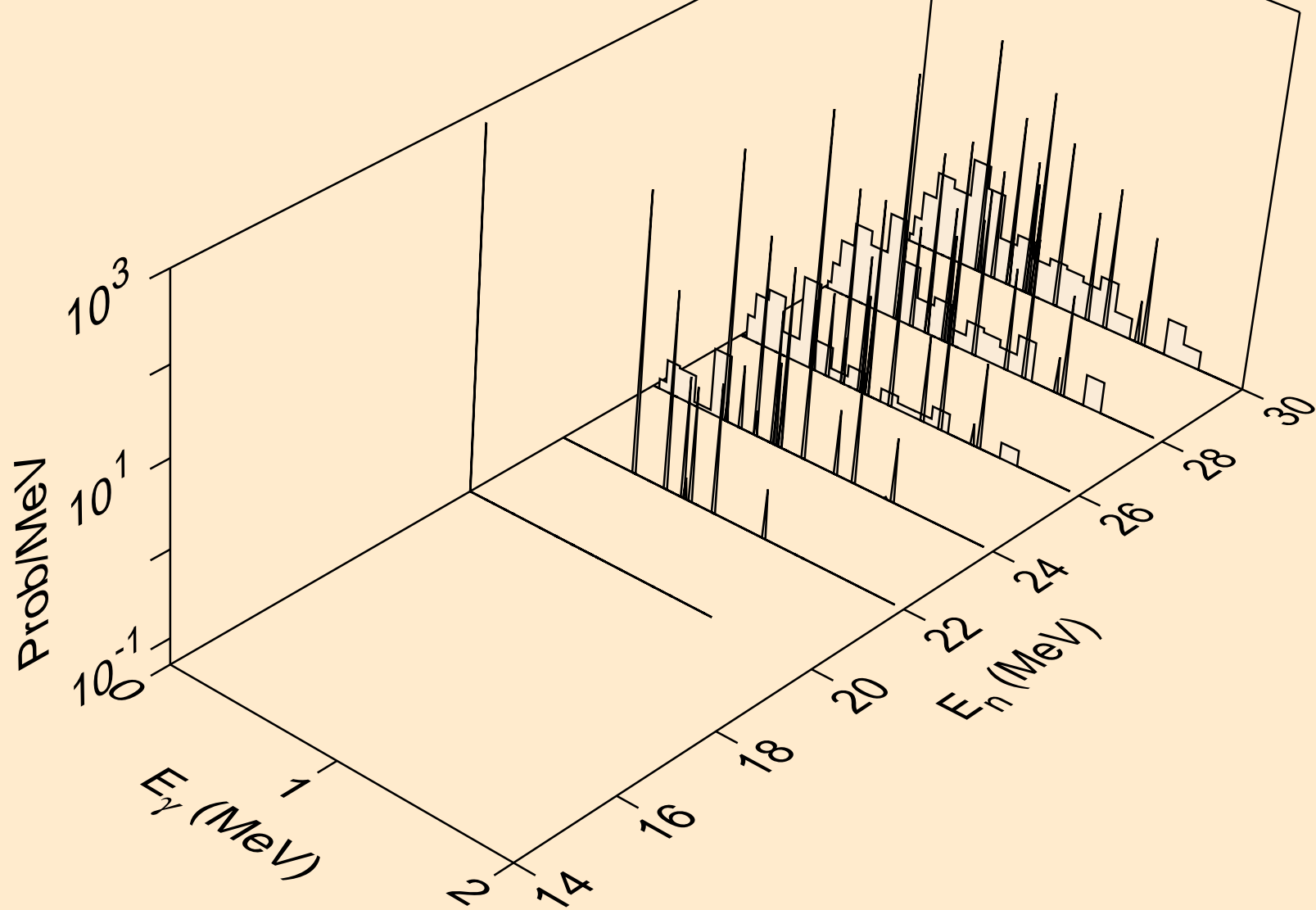
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Photon emission for (n,n\*)a



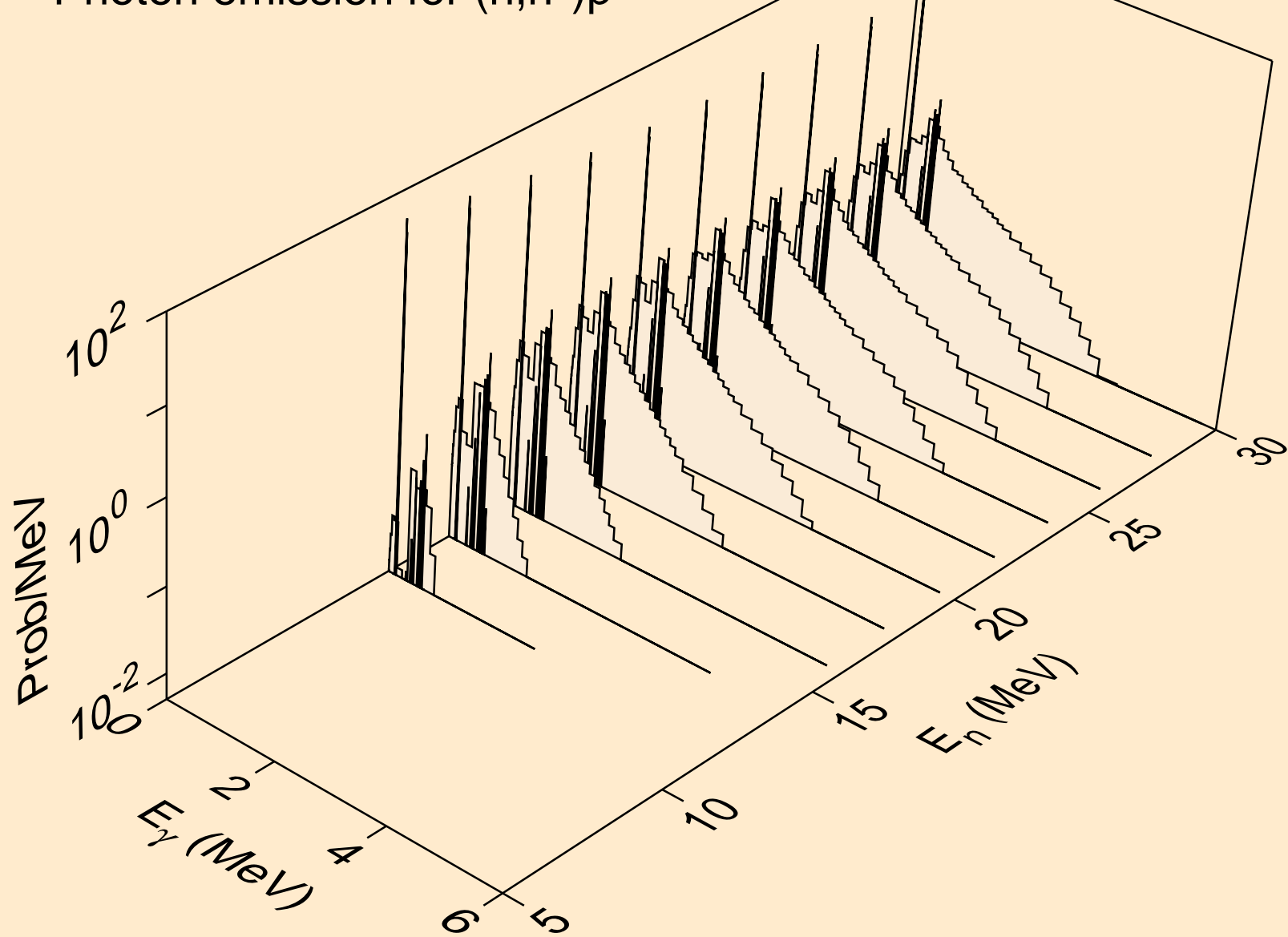
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Photon emission for (n,2n)a



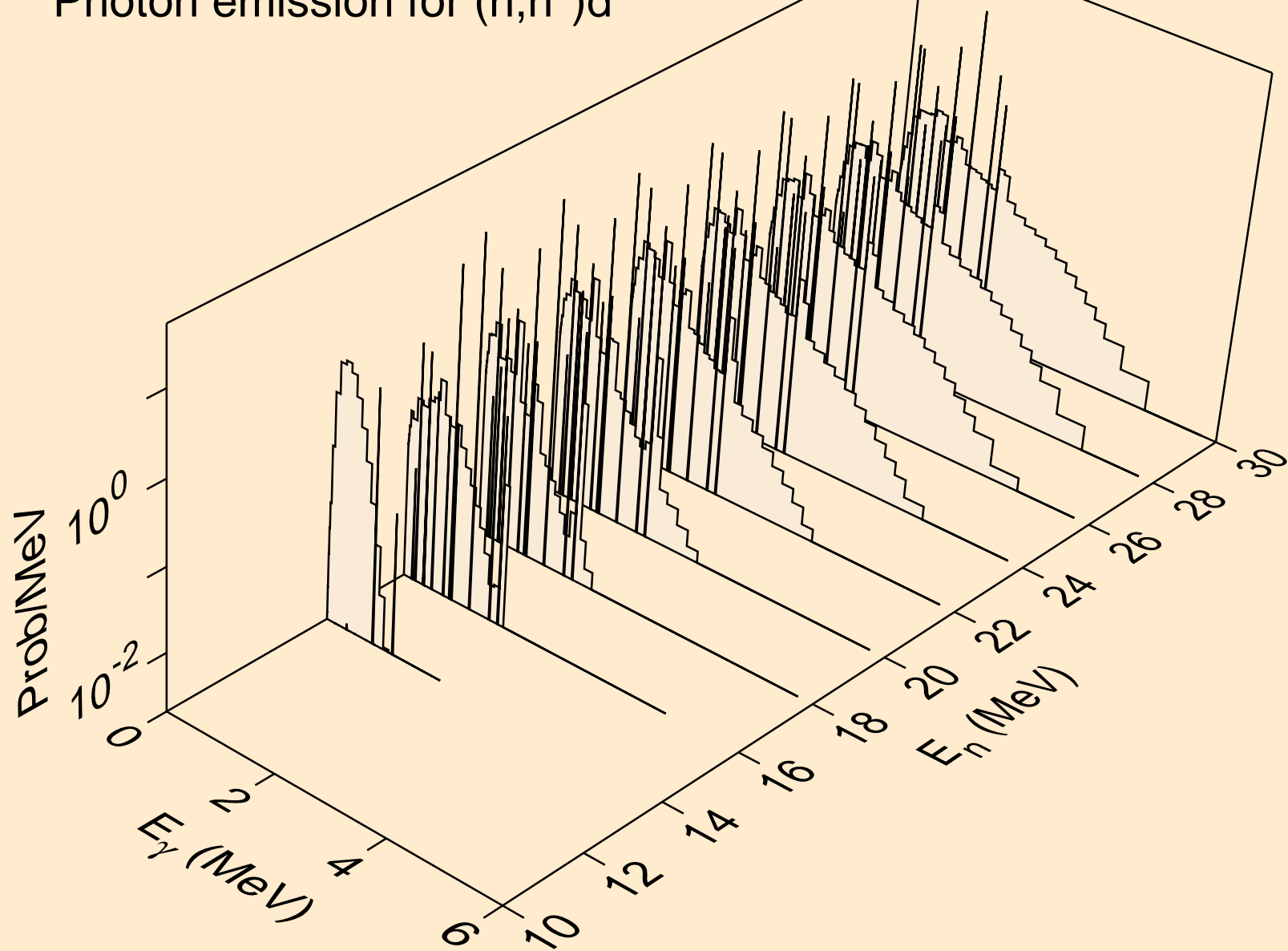
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Photon emission for (n,3n)a



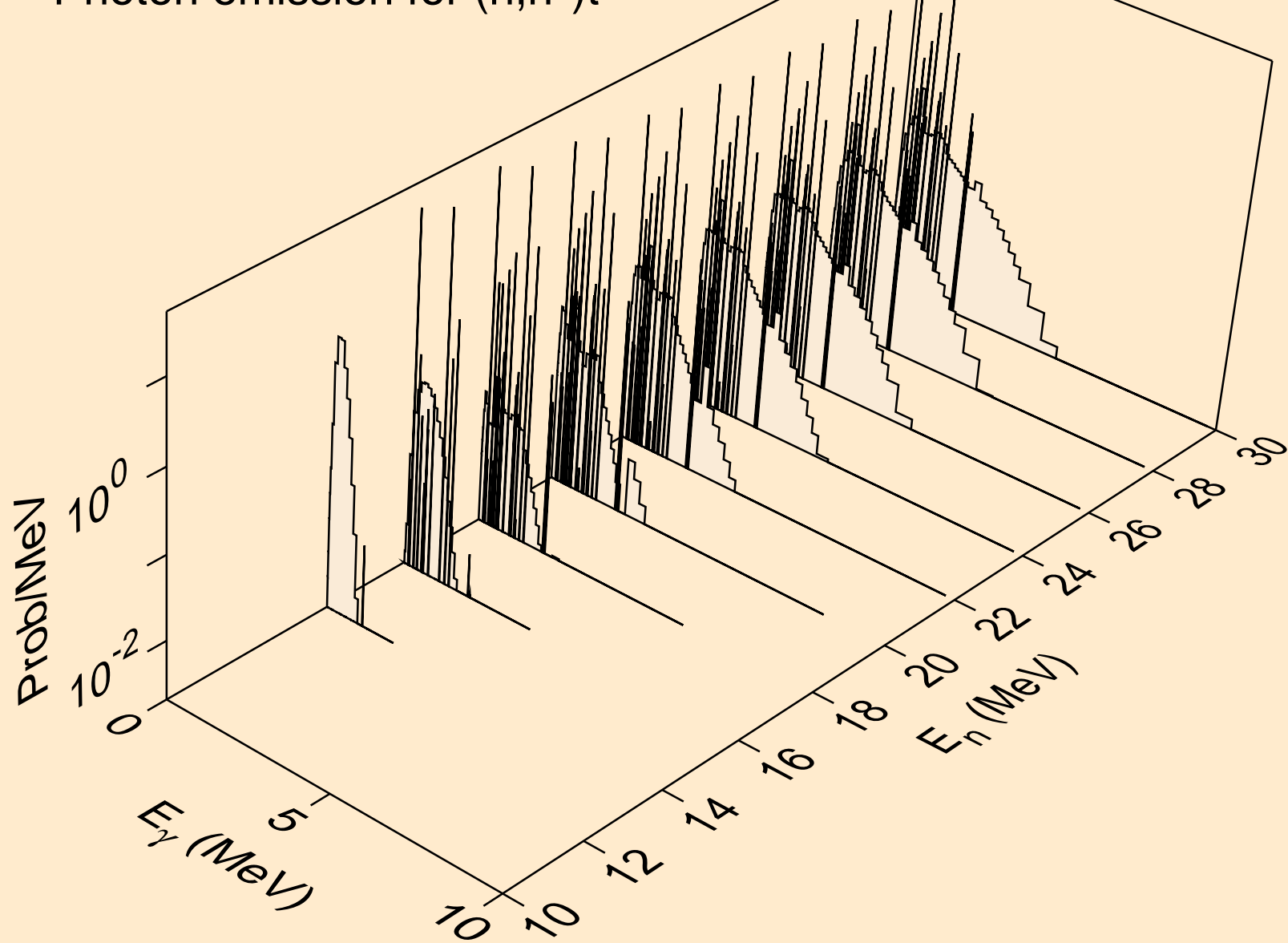
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Photon emission for (n,n\*)p



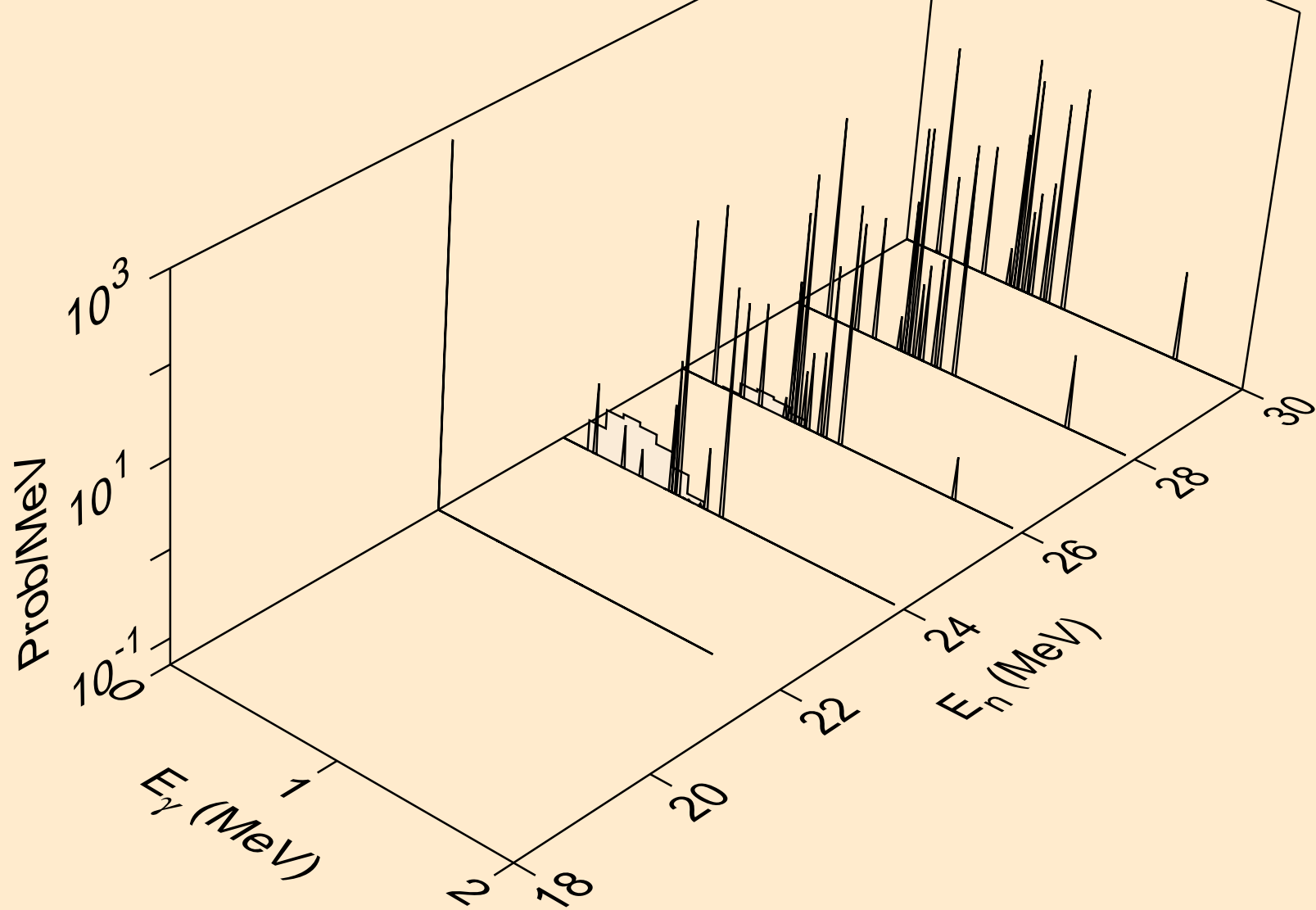
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Photon emission for (n,n\*)d



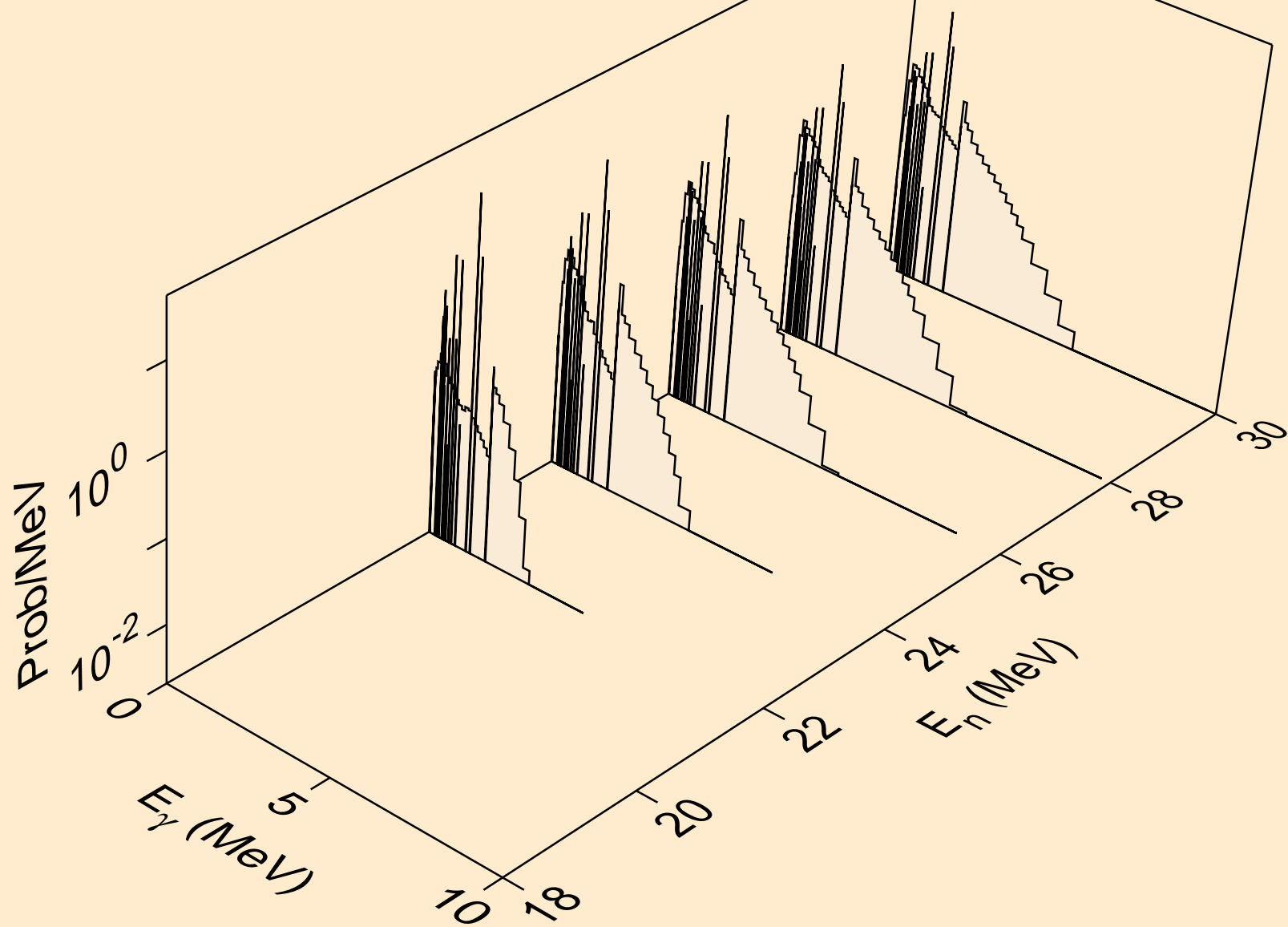
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

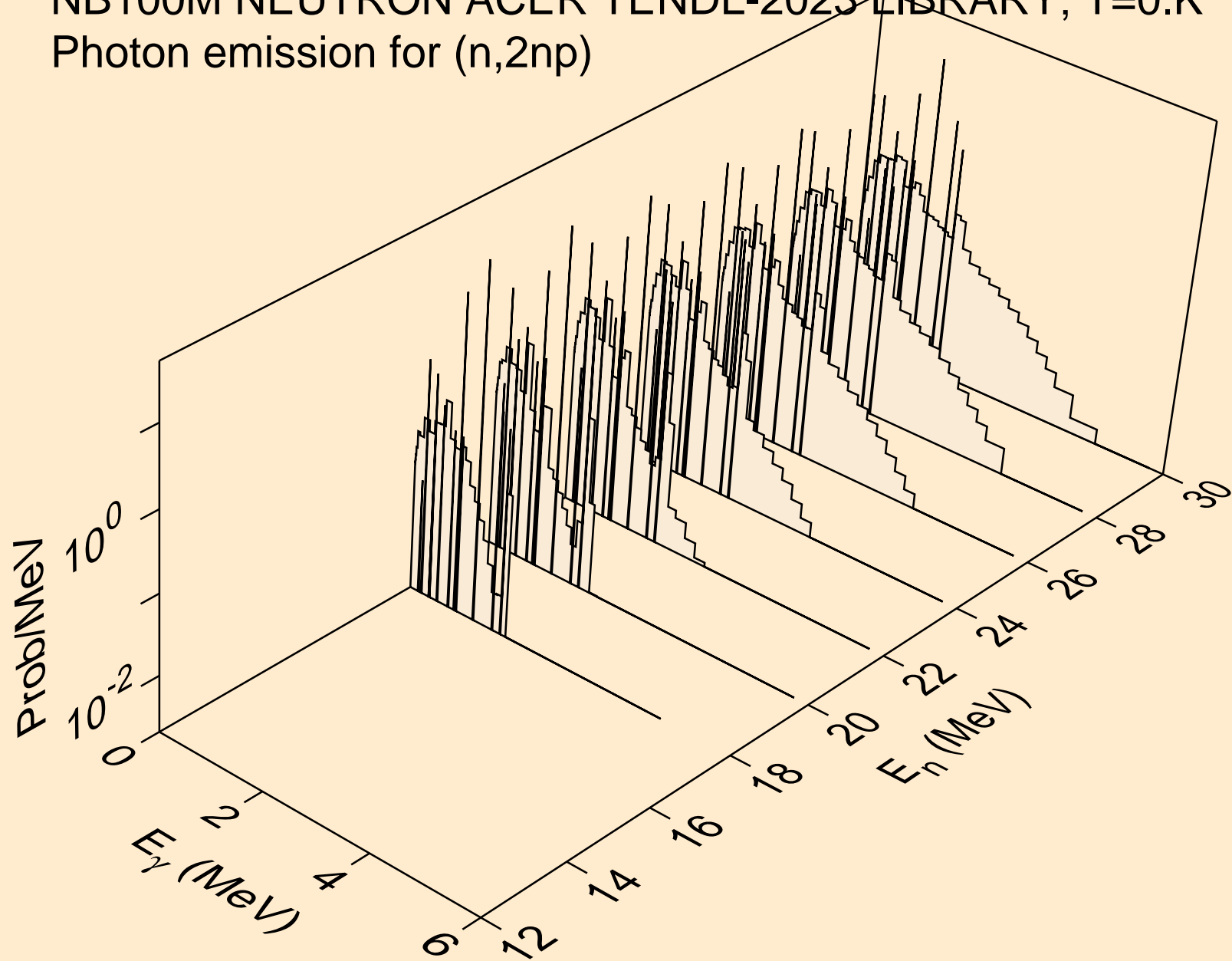


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

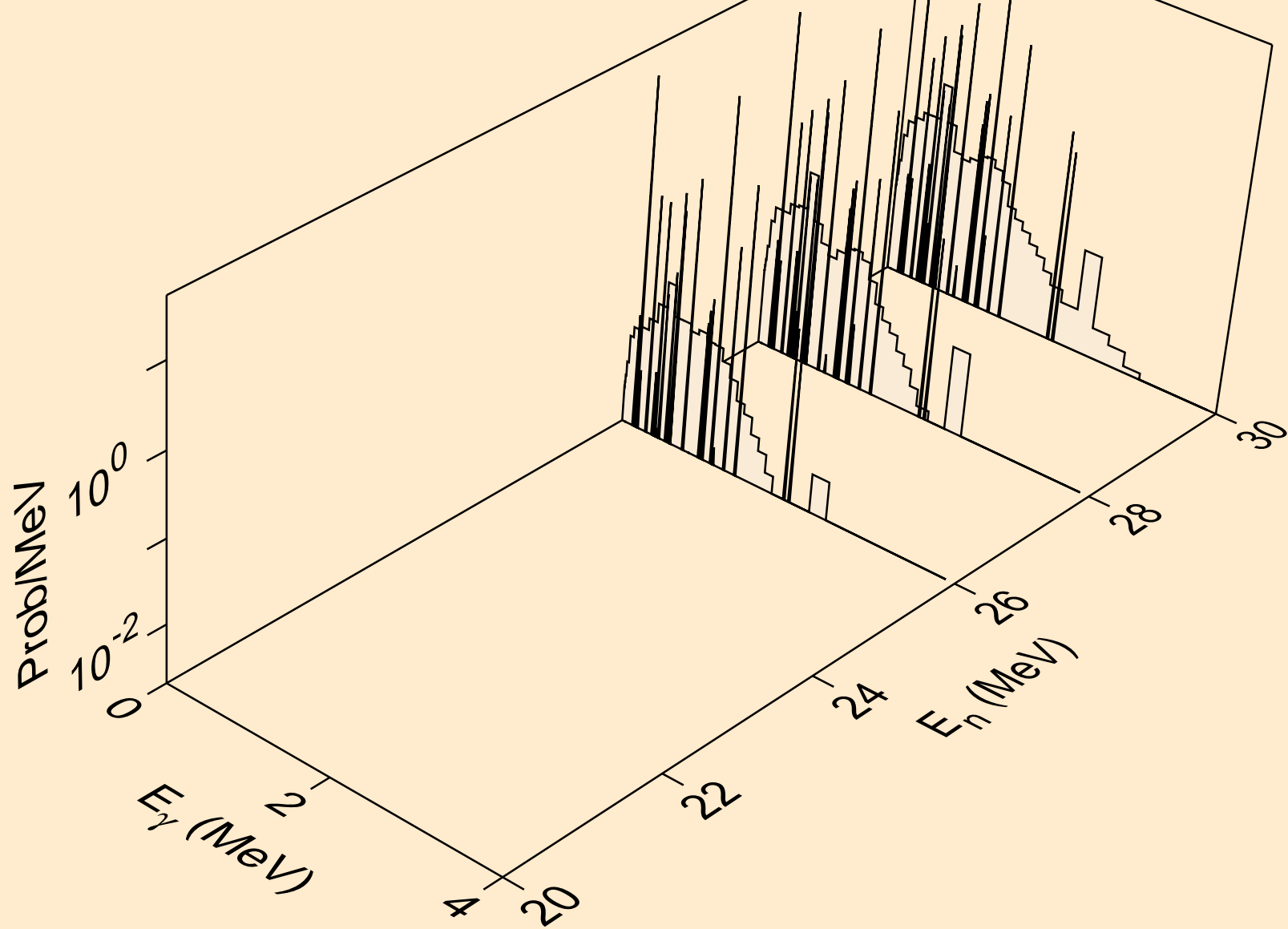




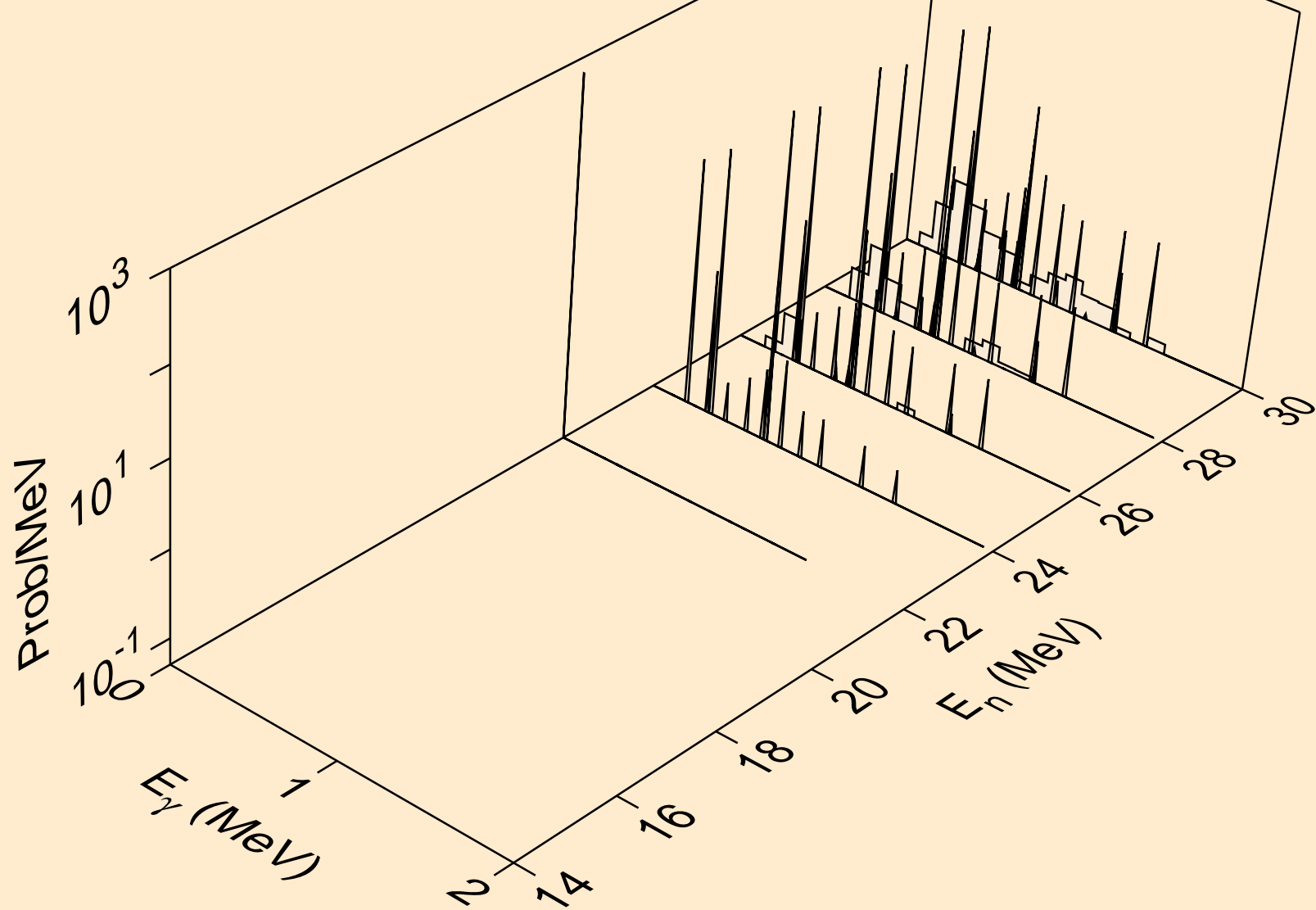
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Photon emission for (n,2np)



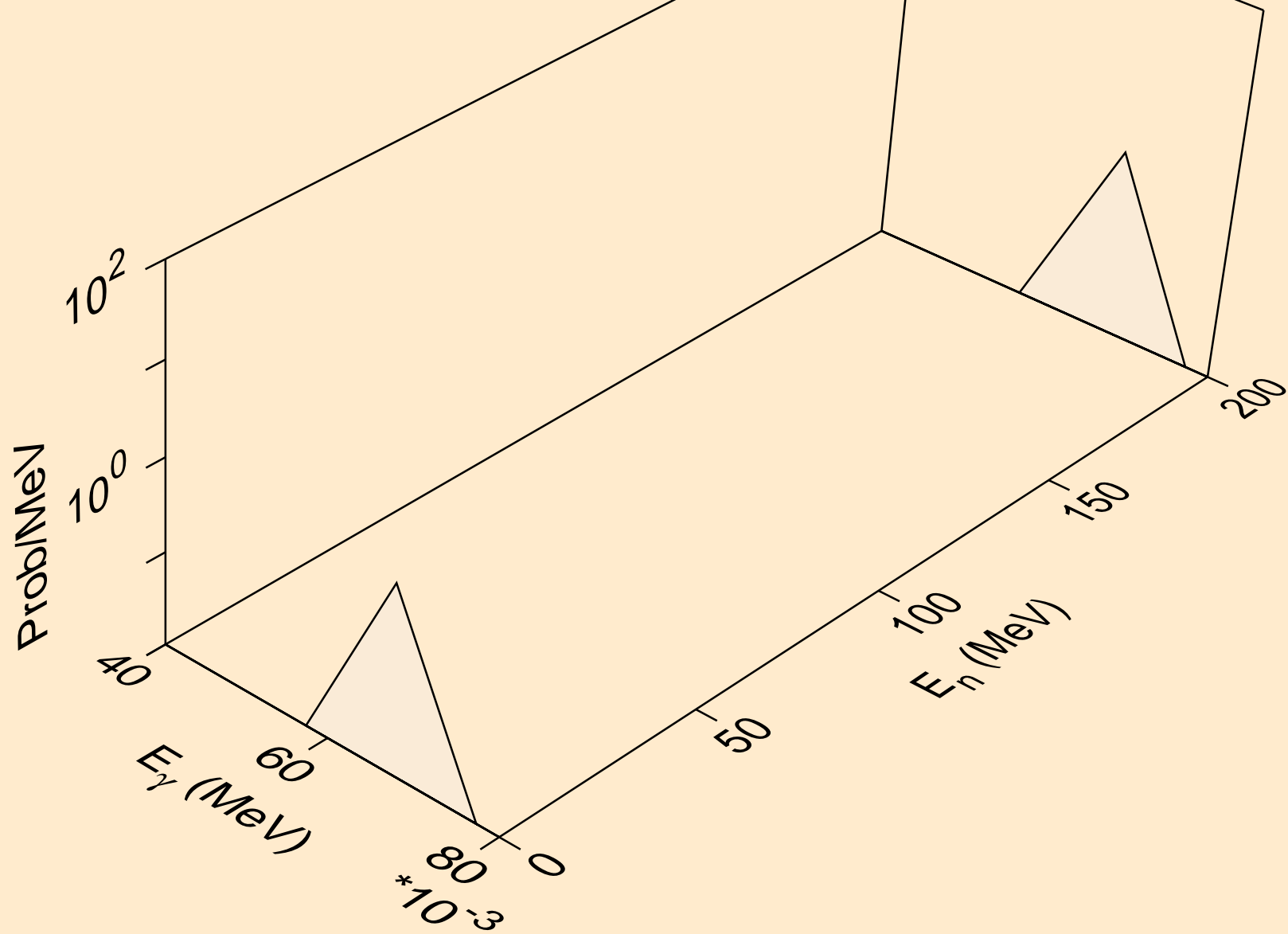
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Photon emission for (n,3np)



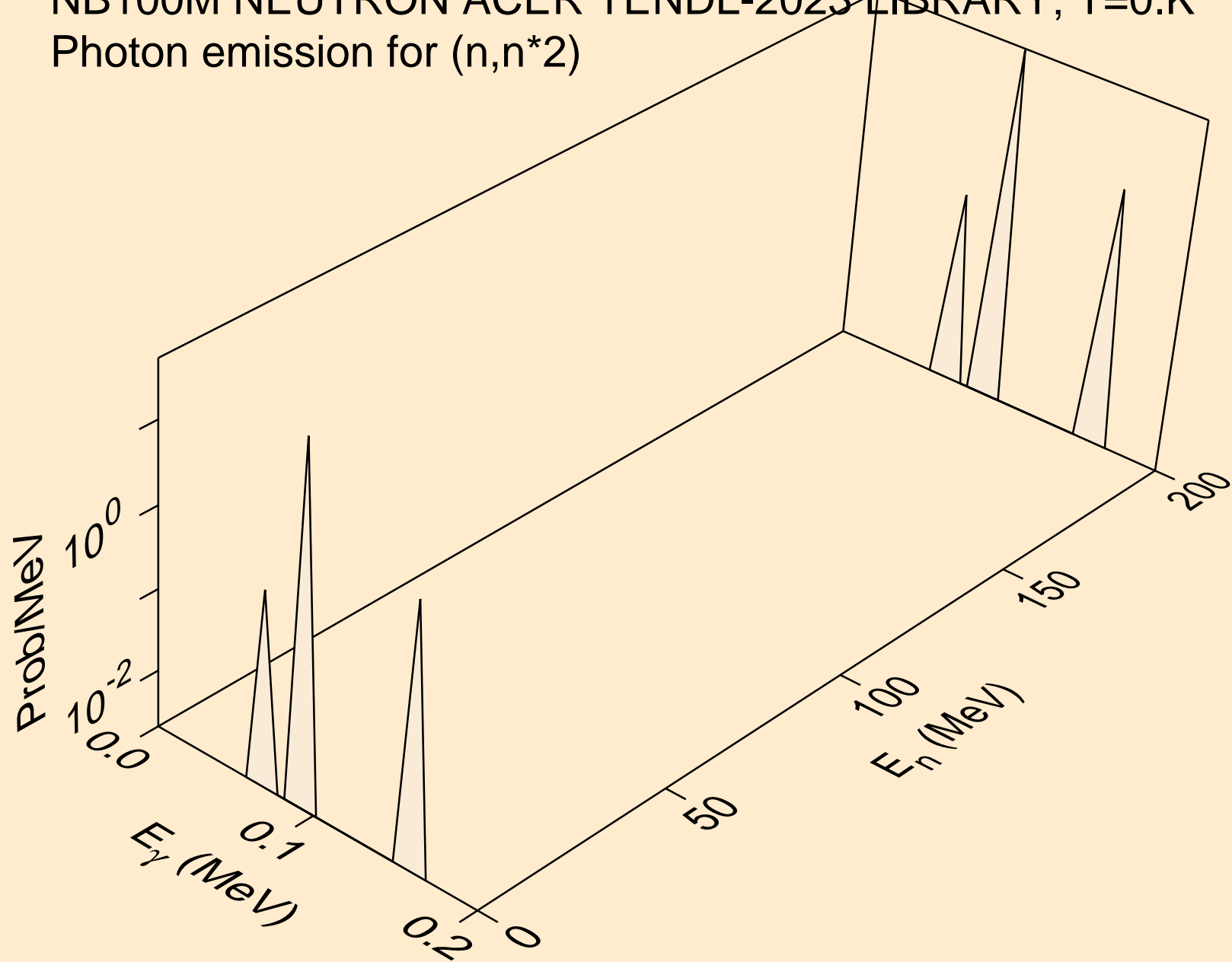
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Photon emission for (n,npa)



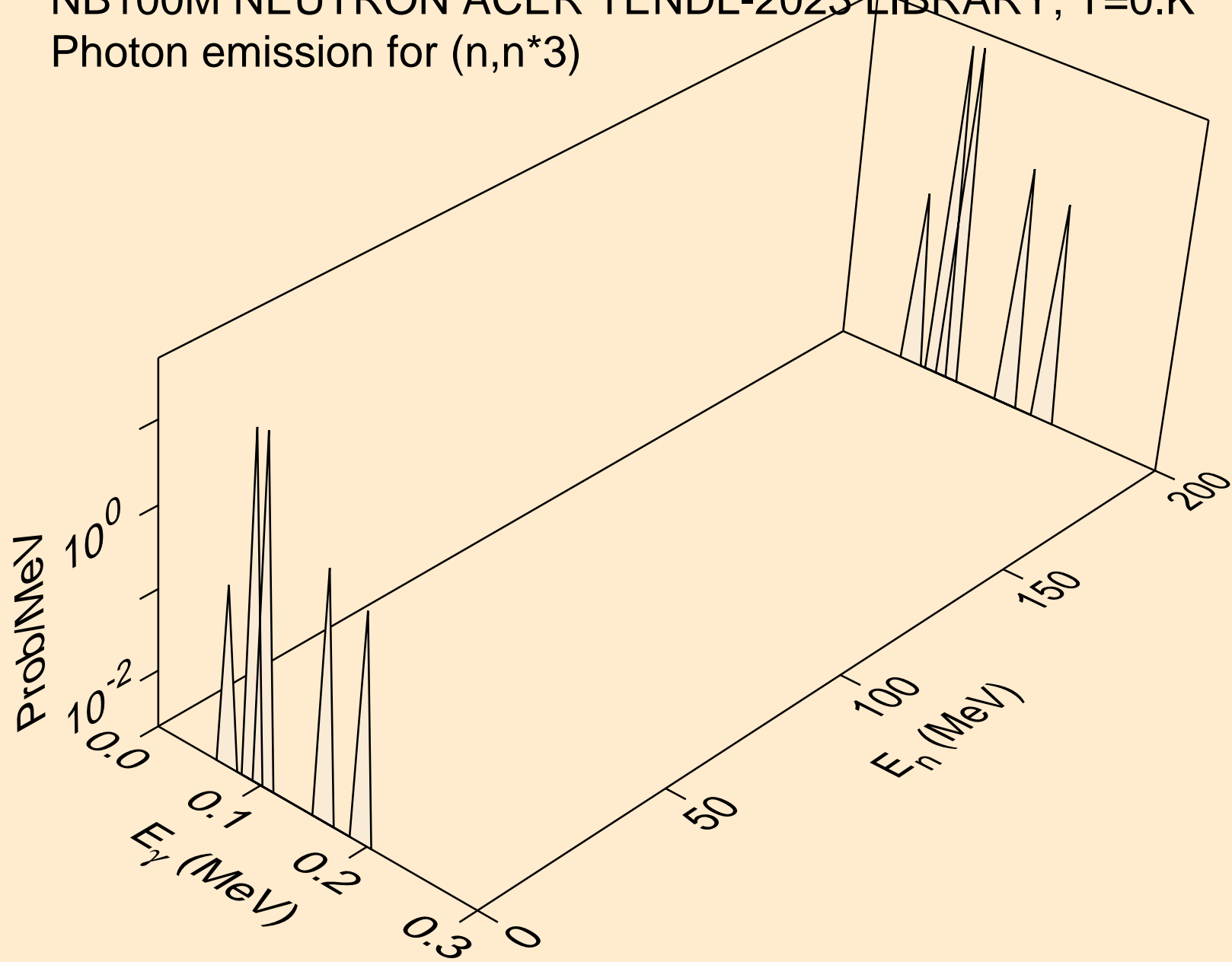
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Photon emission for (n,n\*1)



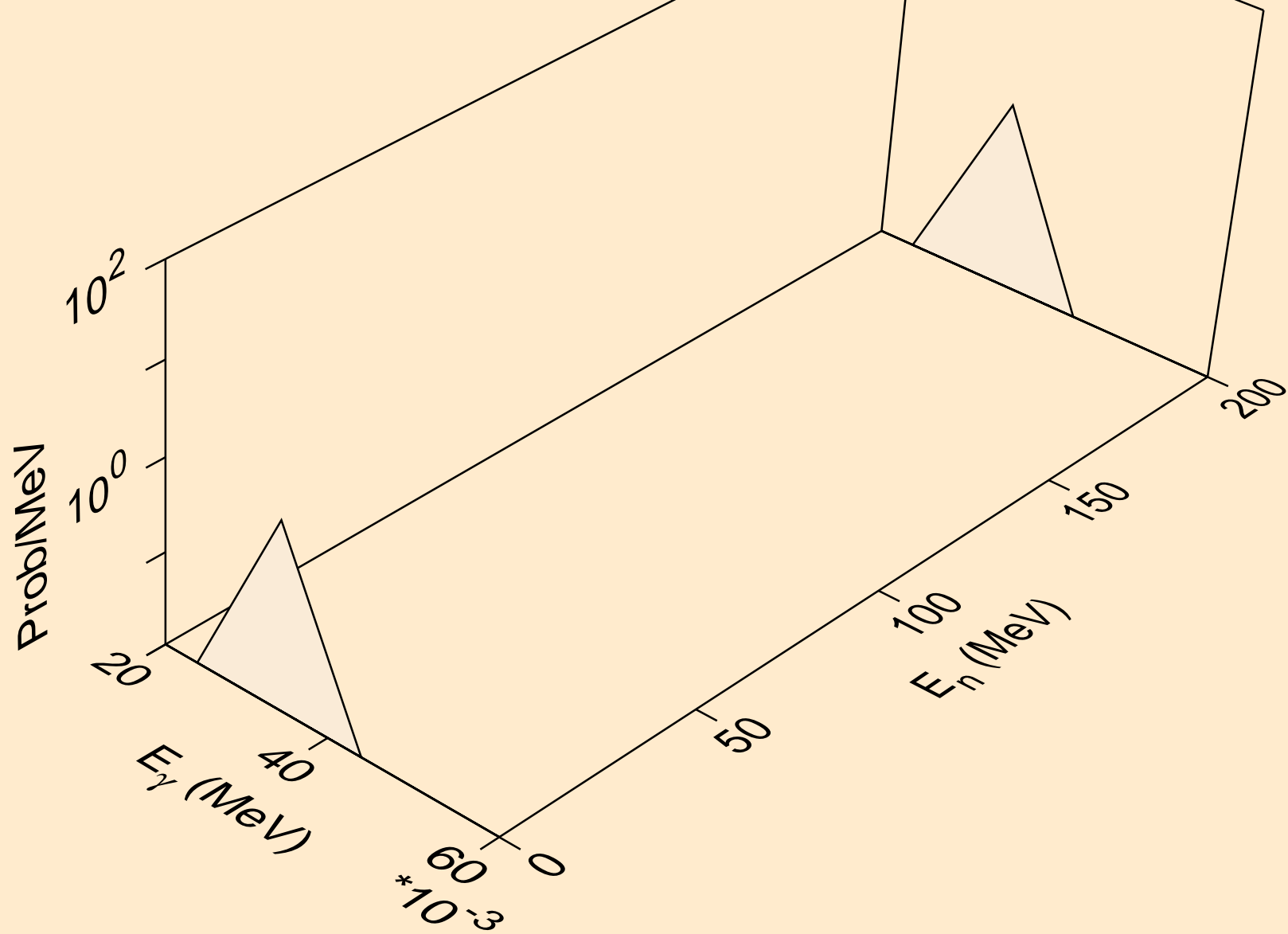
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Photon emission for (n,n\*2)



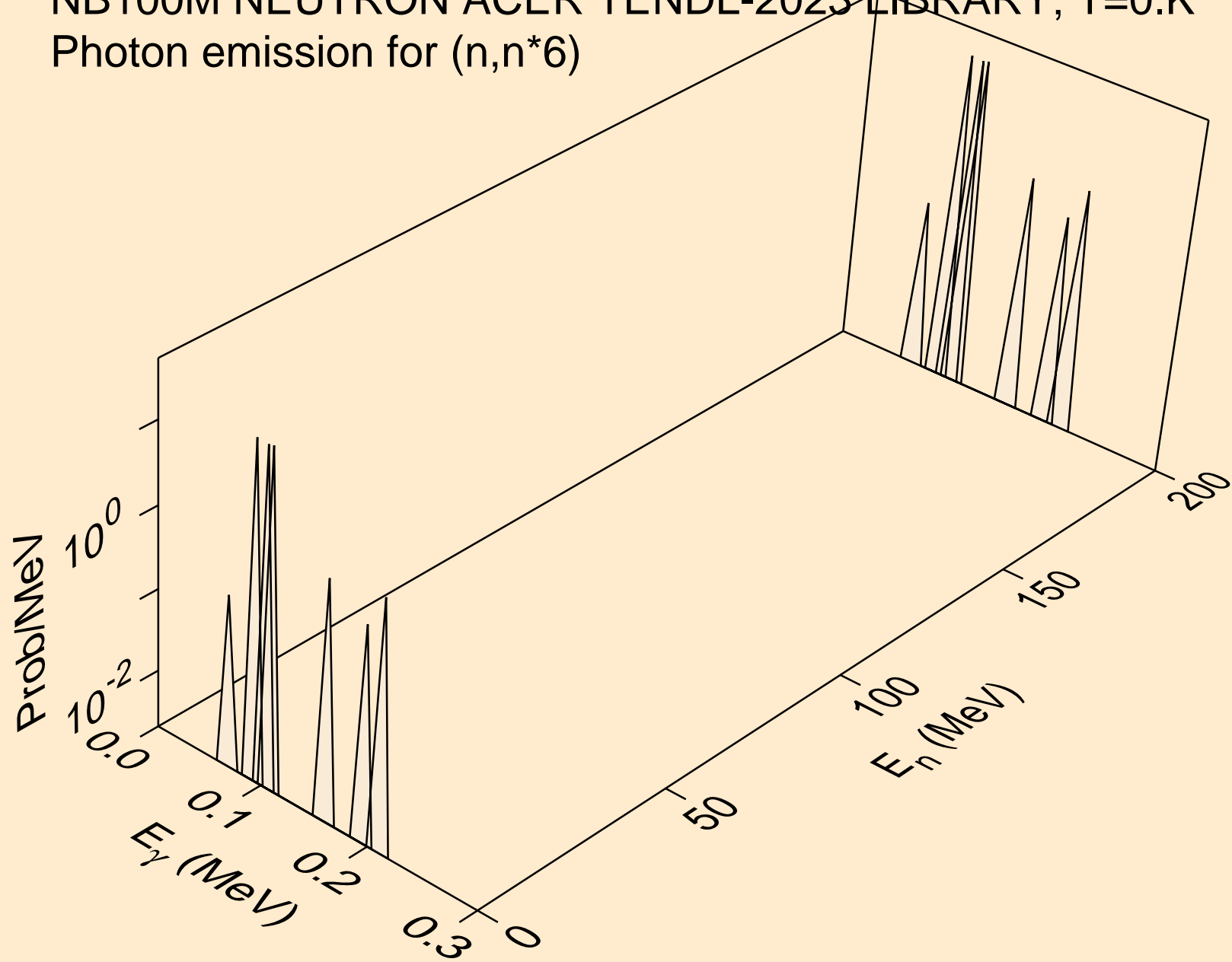
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)

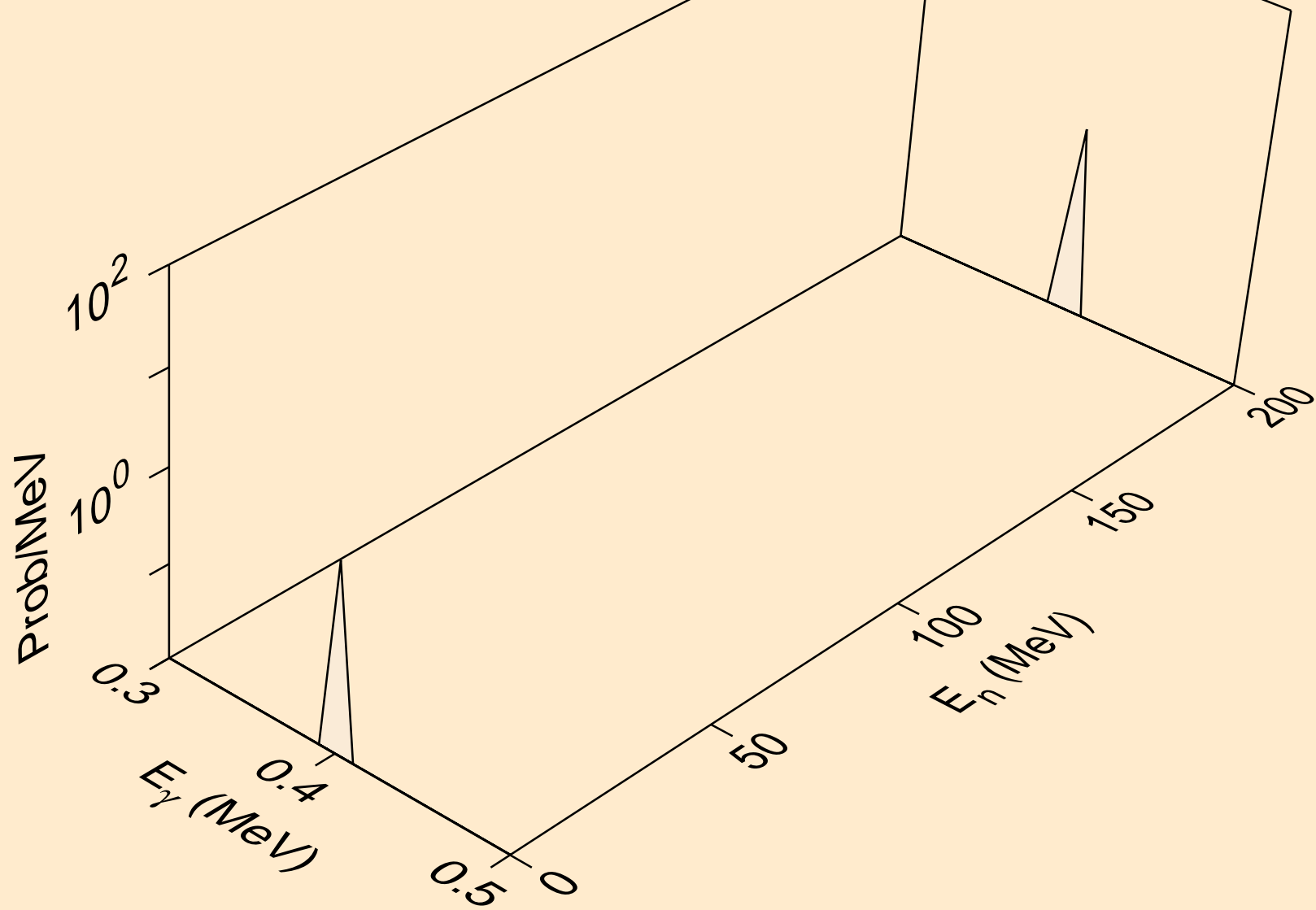


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

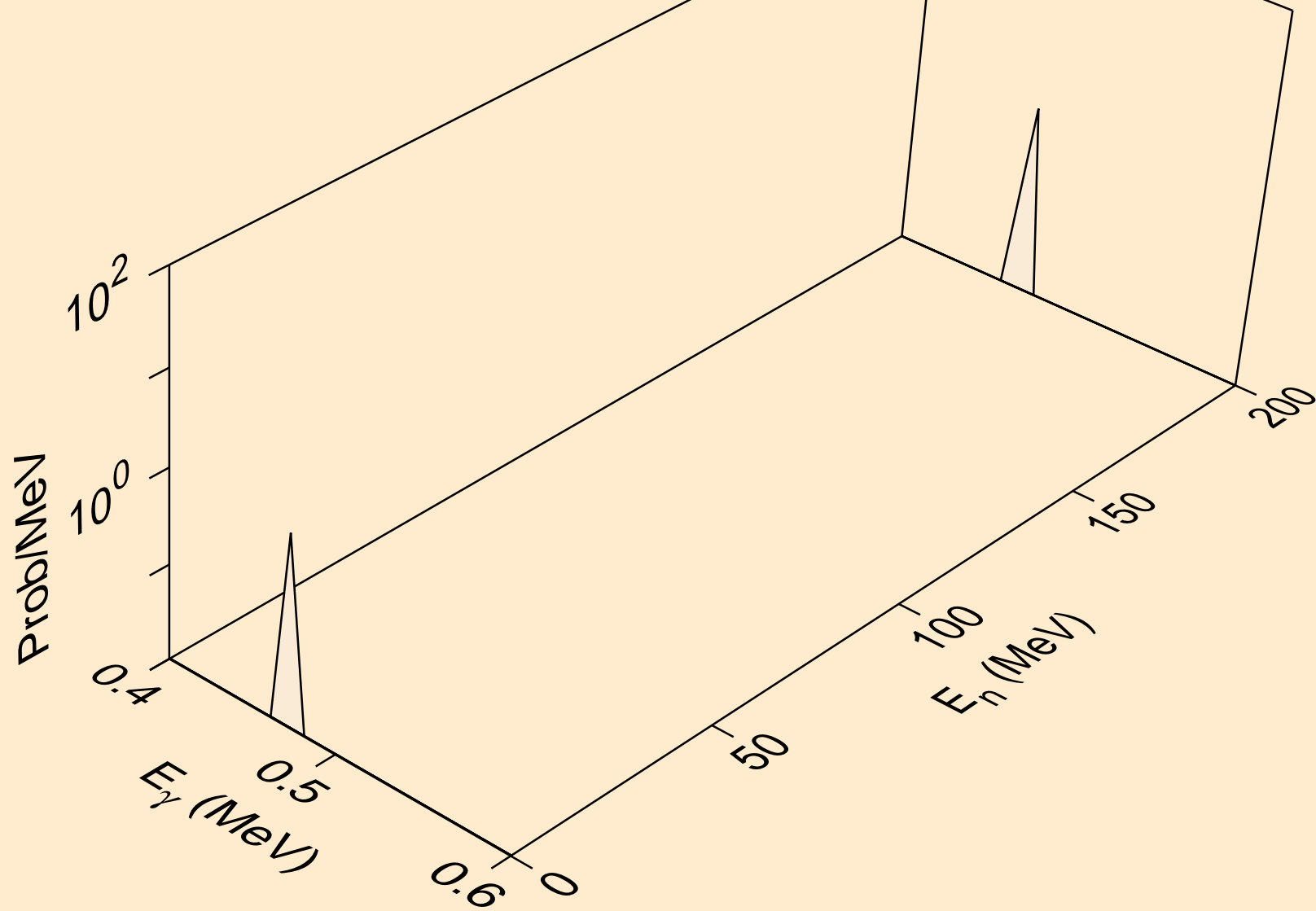




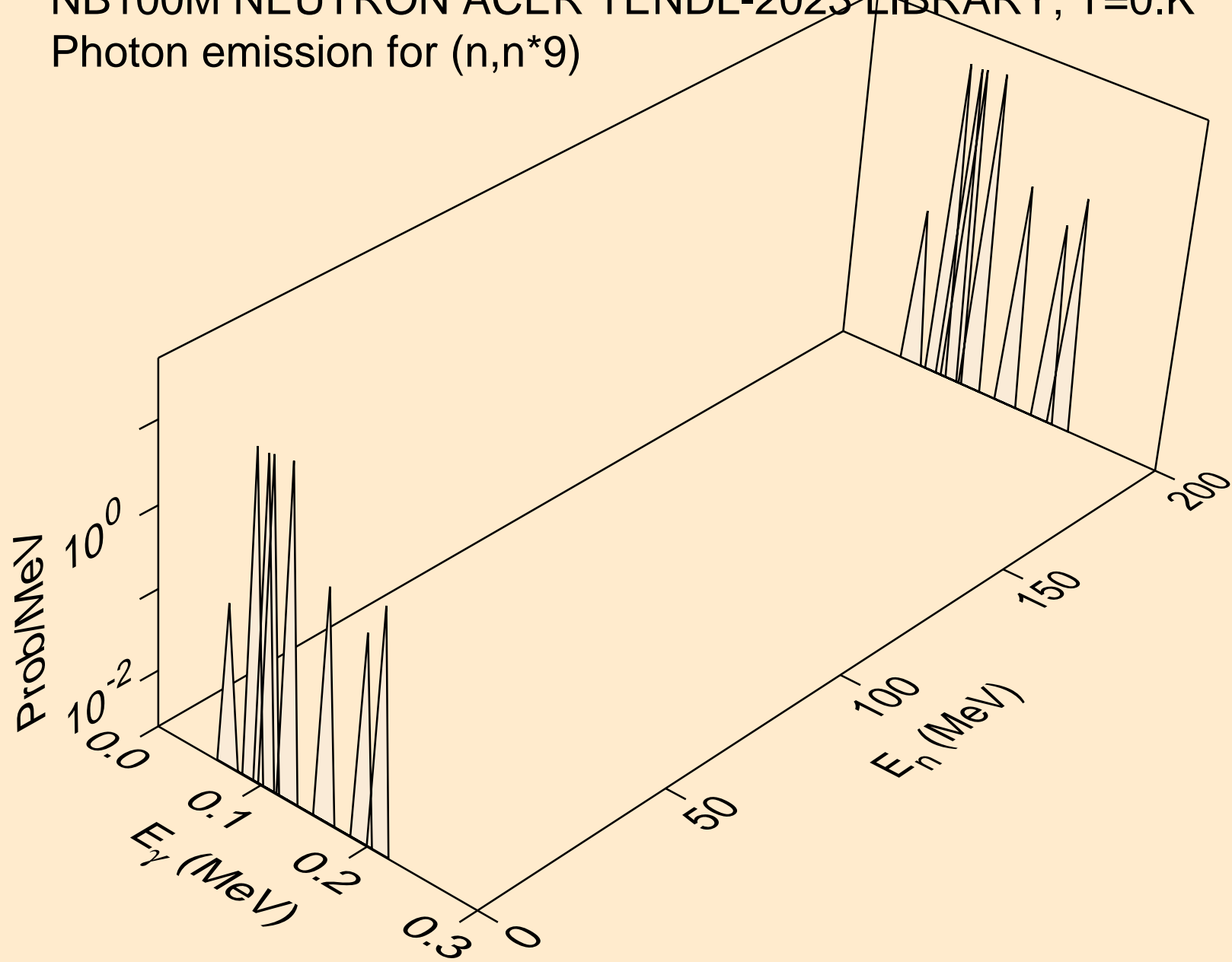
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Photon emission for (n,n\*7)



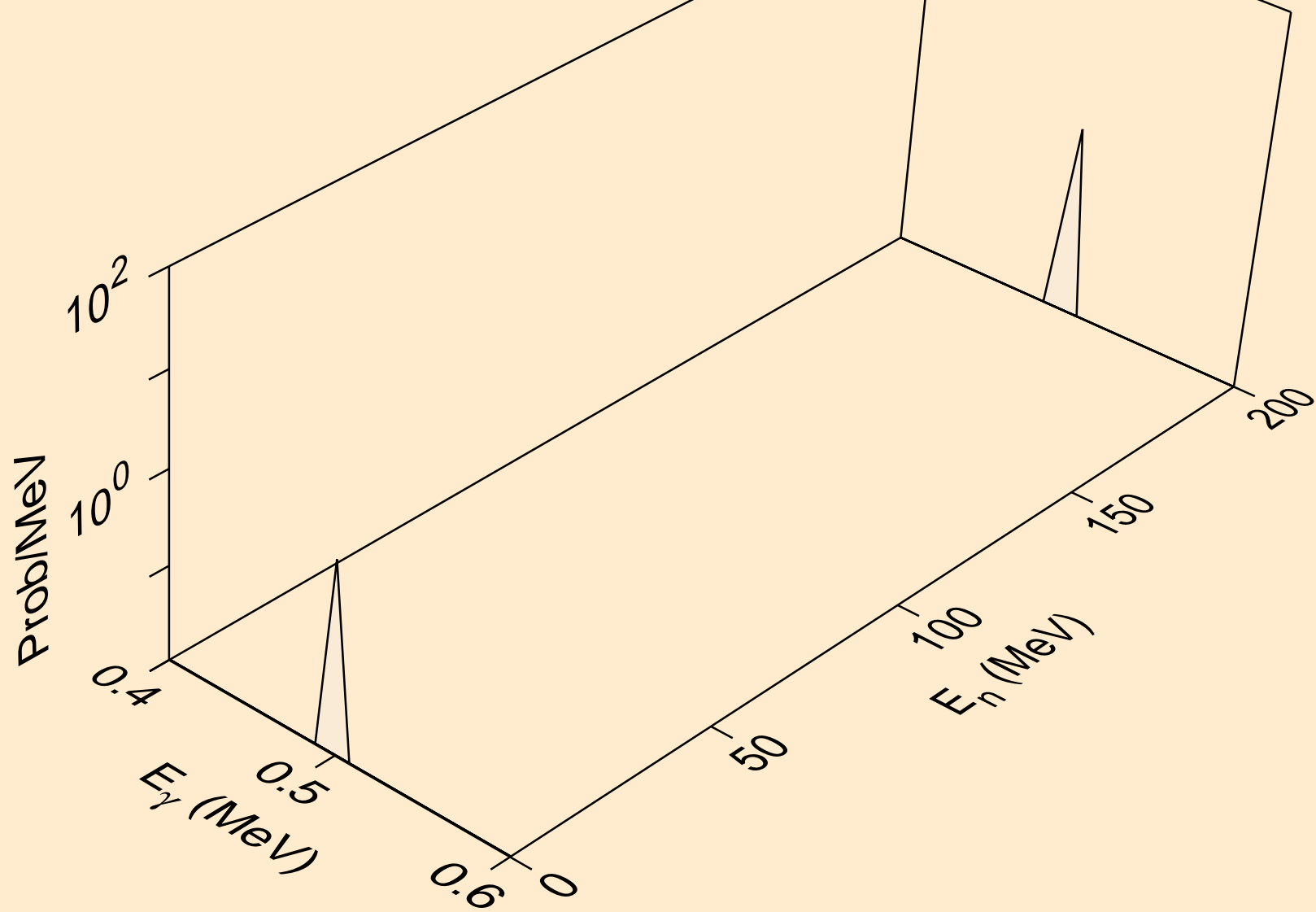
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Photon emission for (n,n\*8)



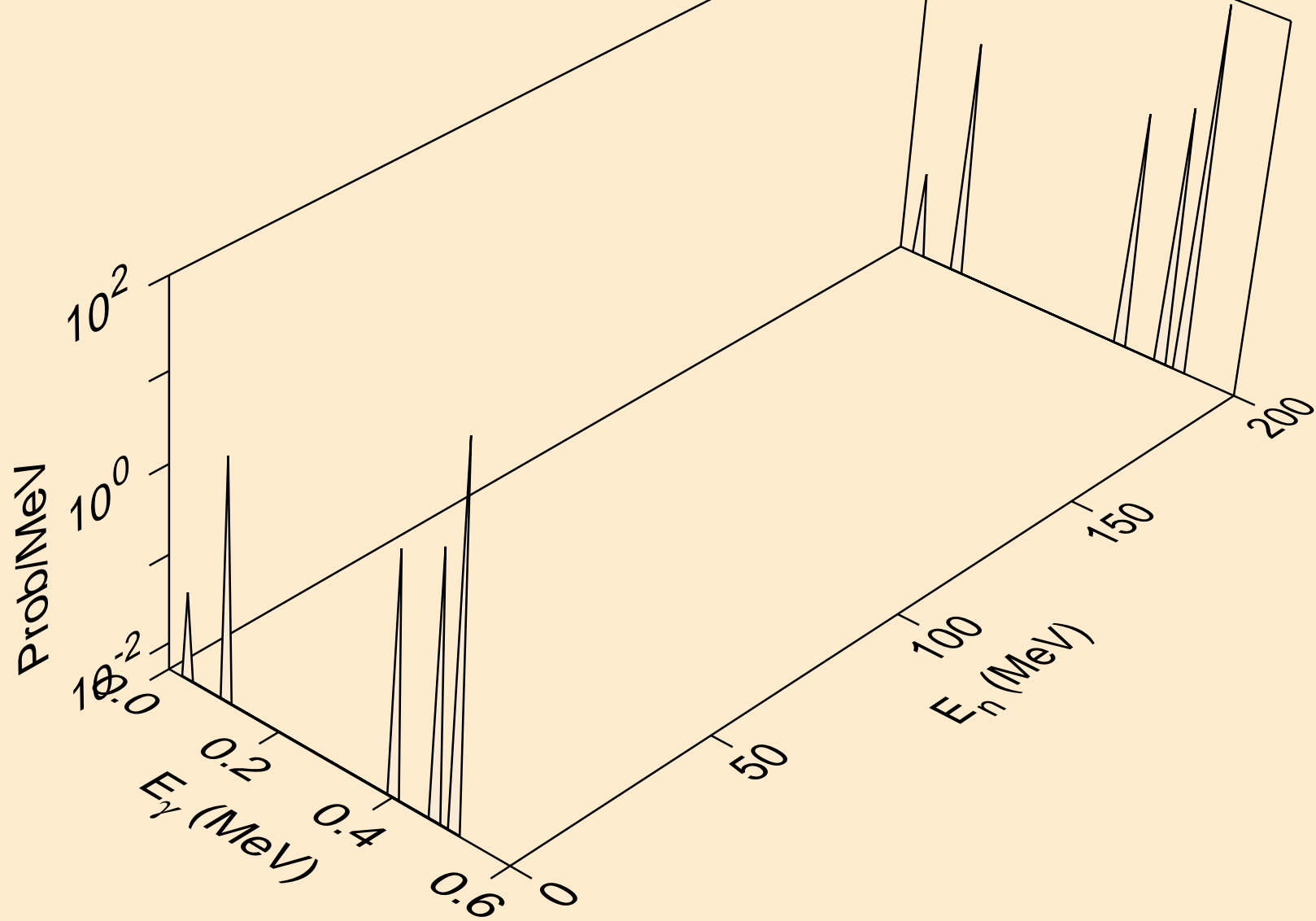
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Photon emission for (n,n\*9)



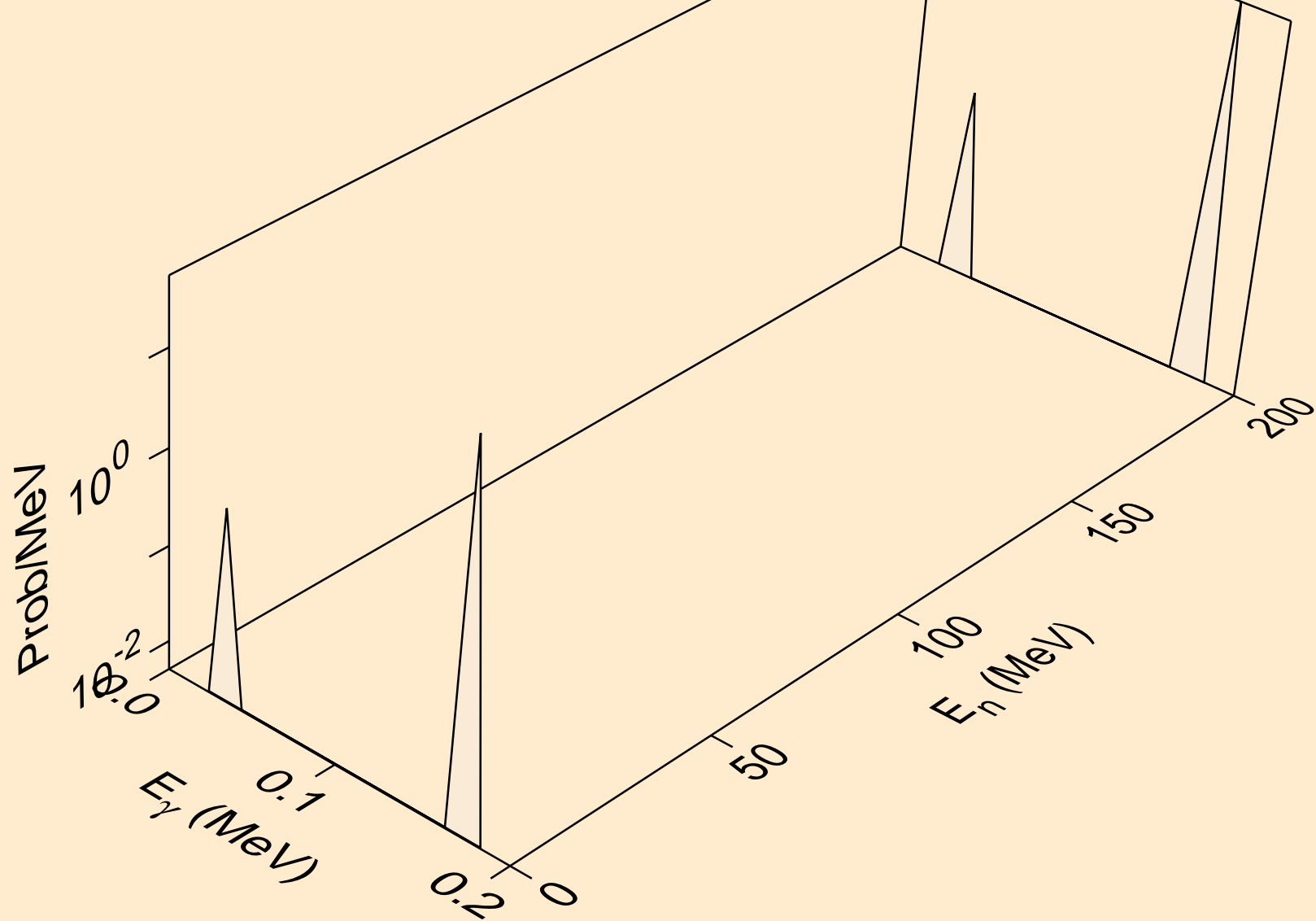
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Photon emission for (n,n\*10)



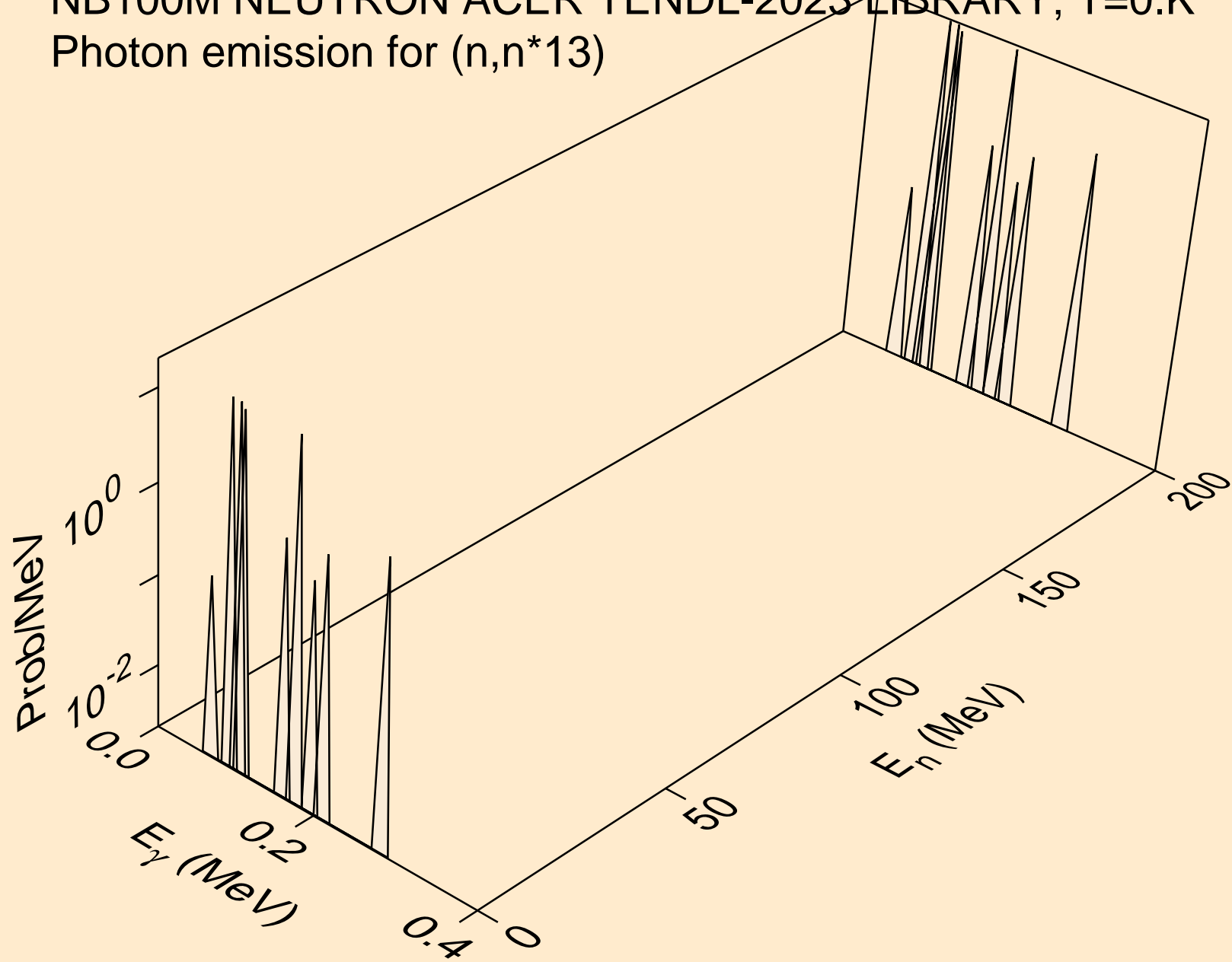
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Photon emission for (n,n\*11)



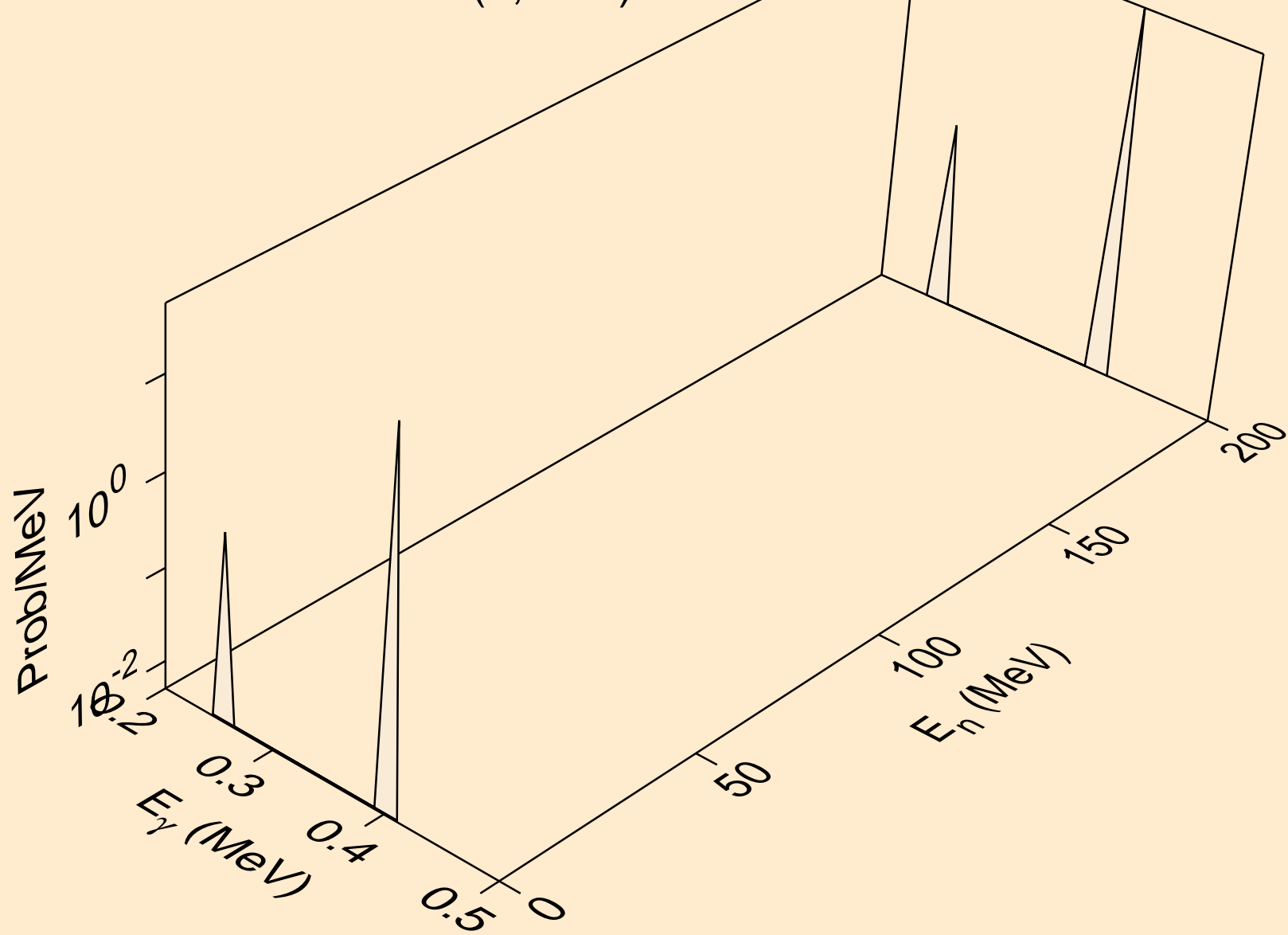
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Photon emission for (n,n\*12)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*13)

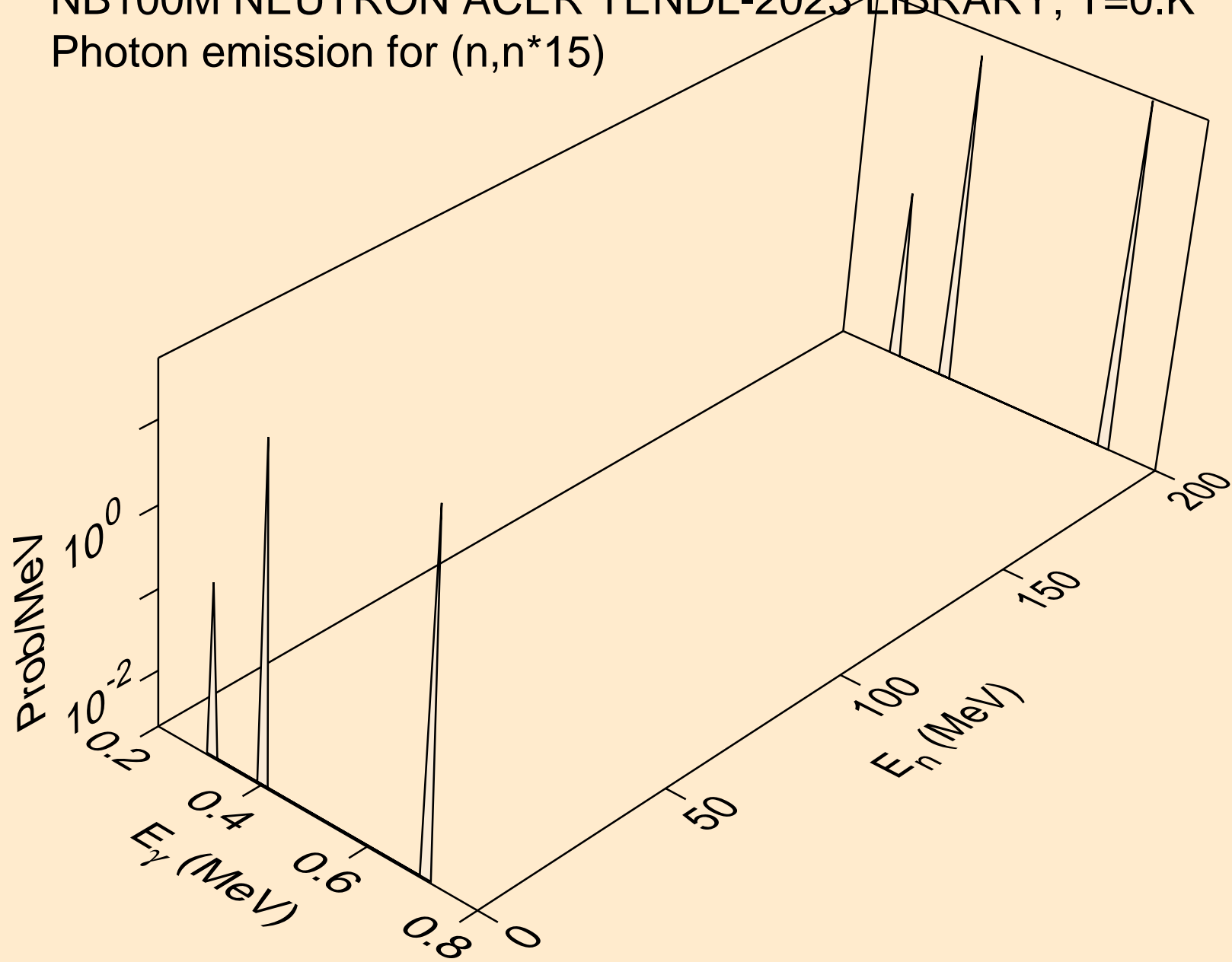


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Photon emission for (n,n\*14)

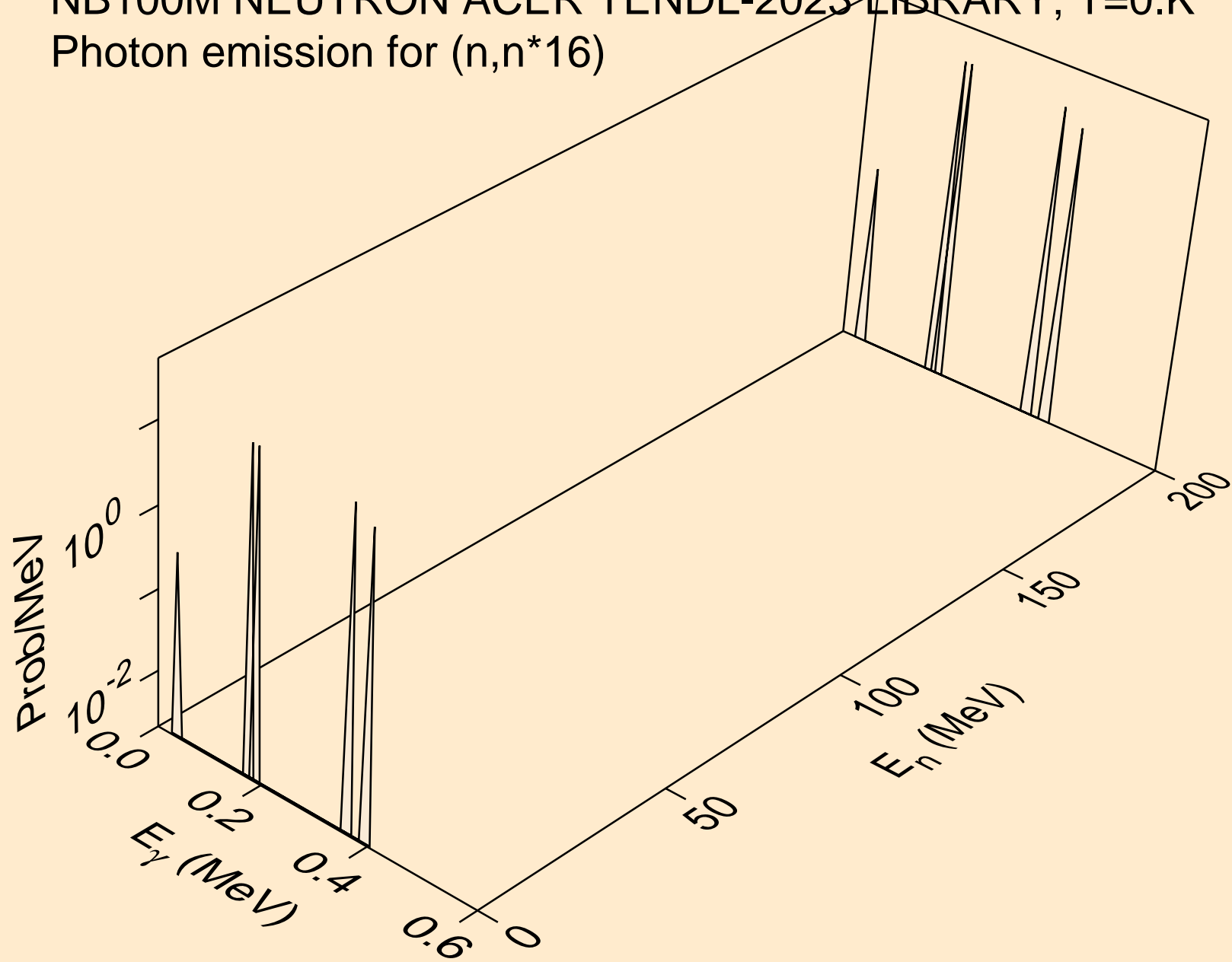




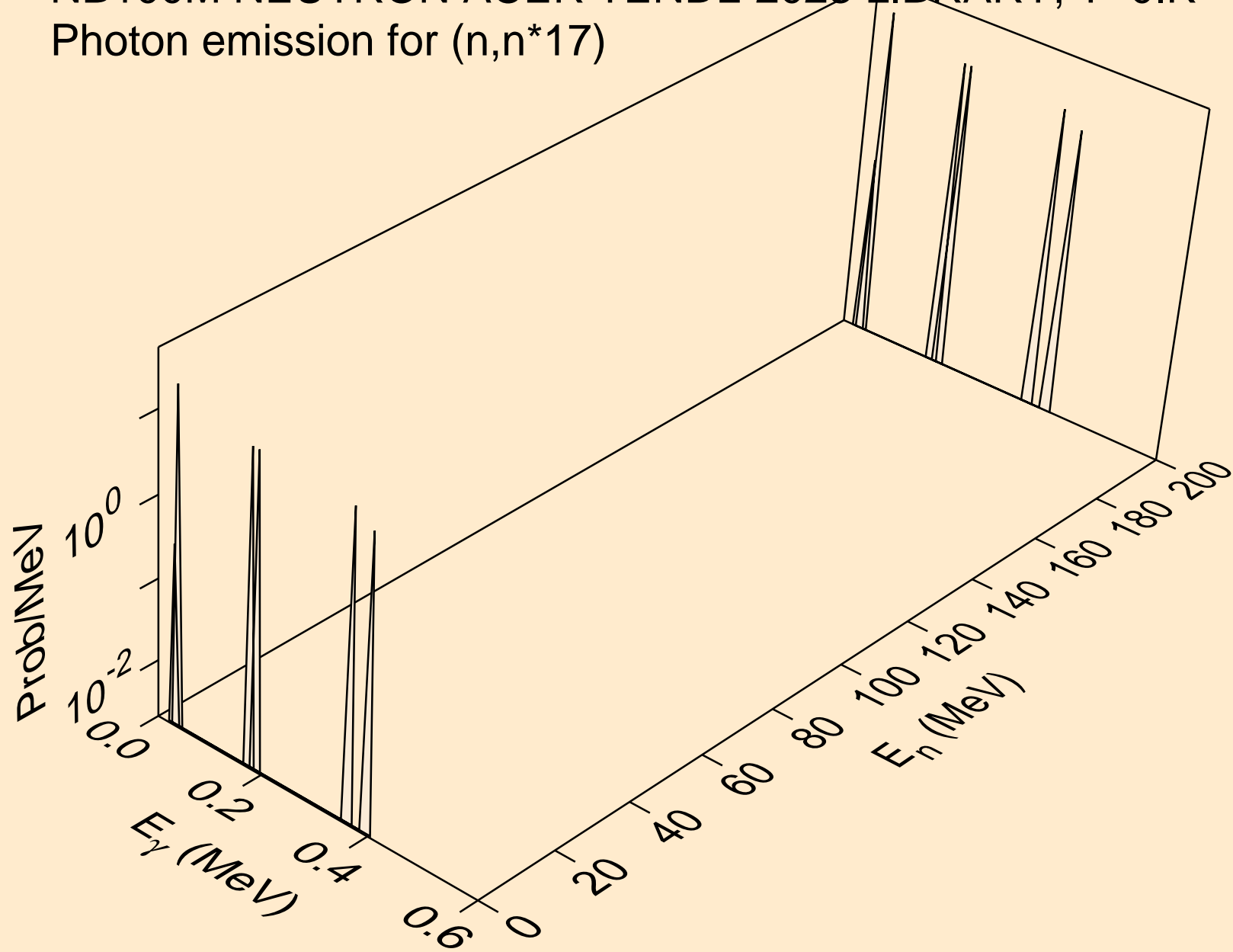
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Photon emission for (n,n\*15)



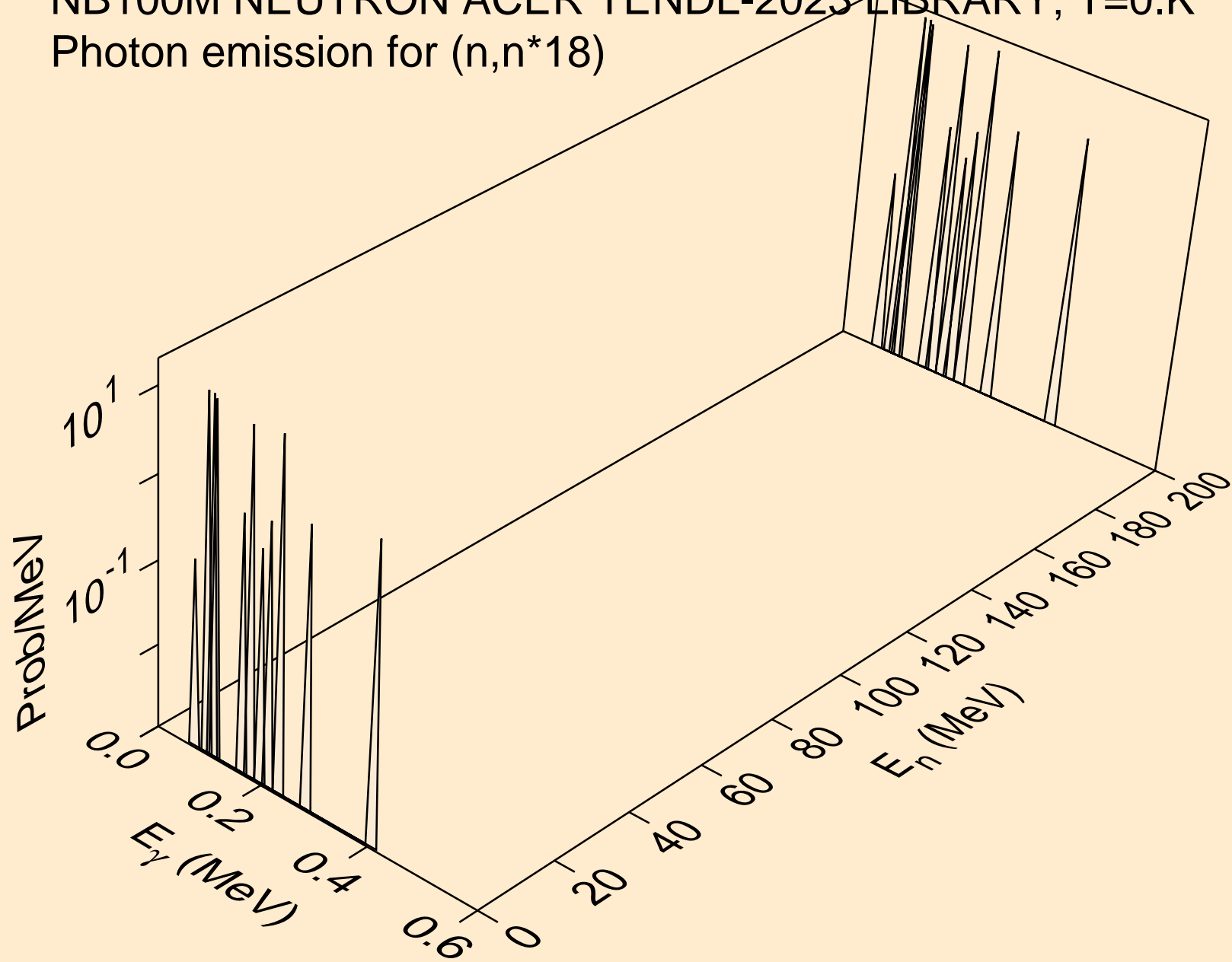
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Photon emission for (n,n\*16)



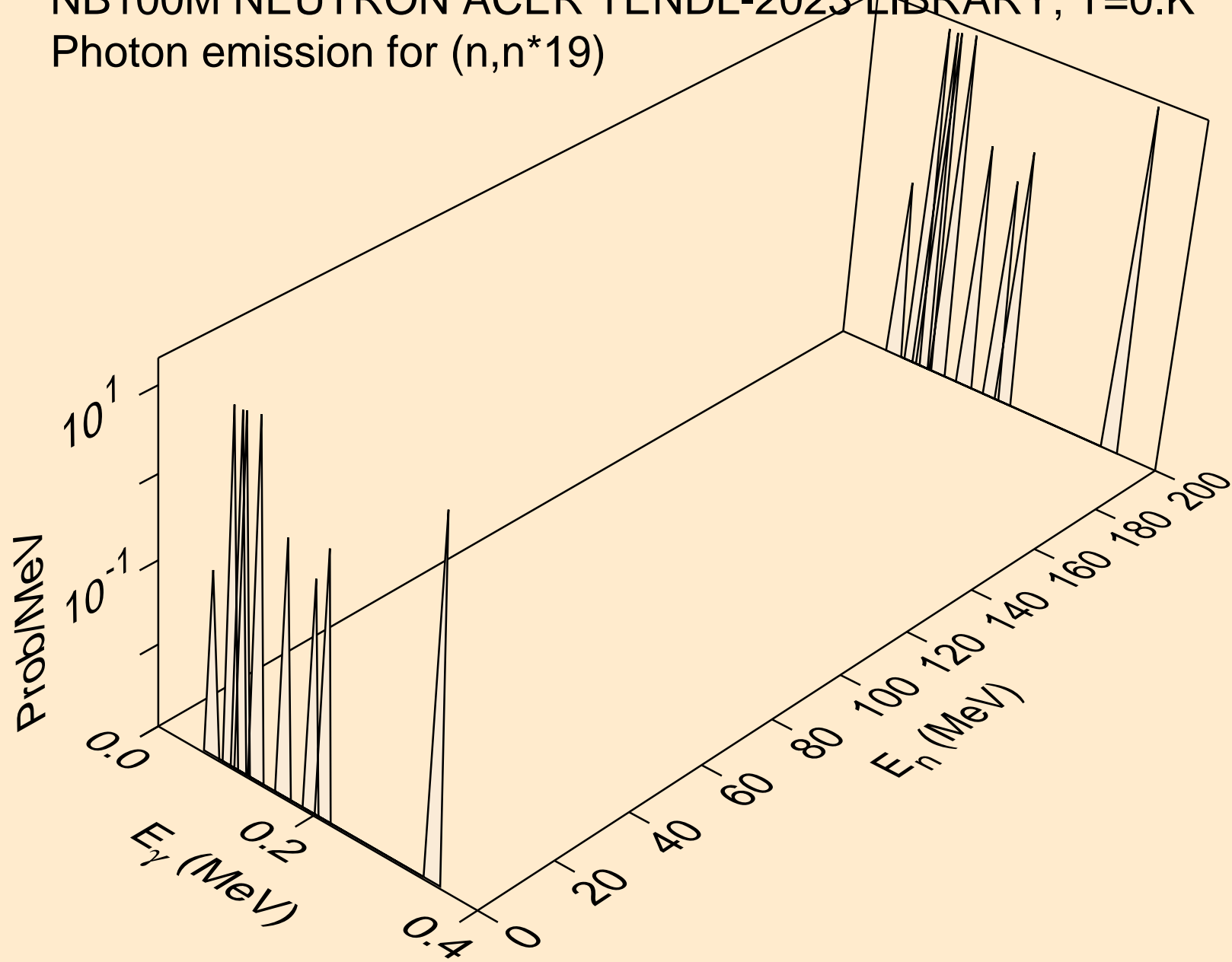
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Photon emission for (n,n\*17)



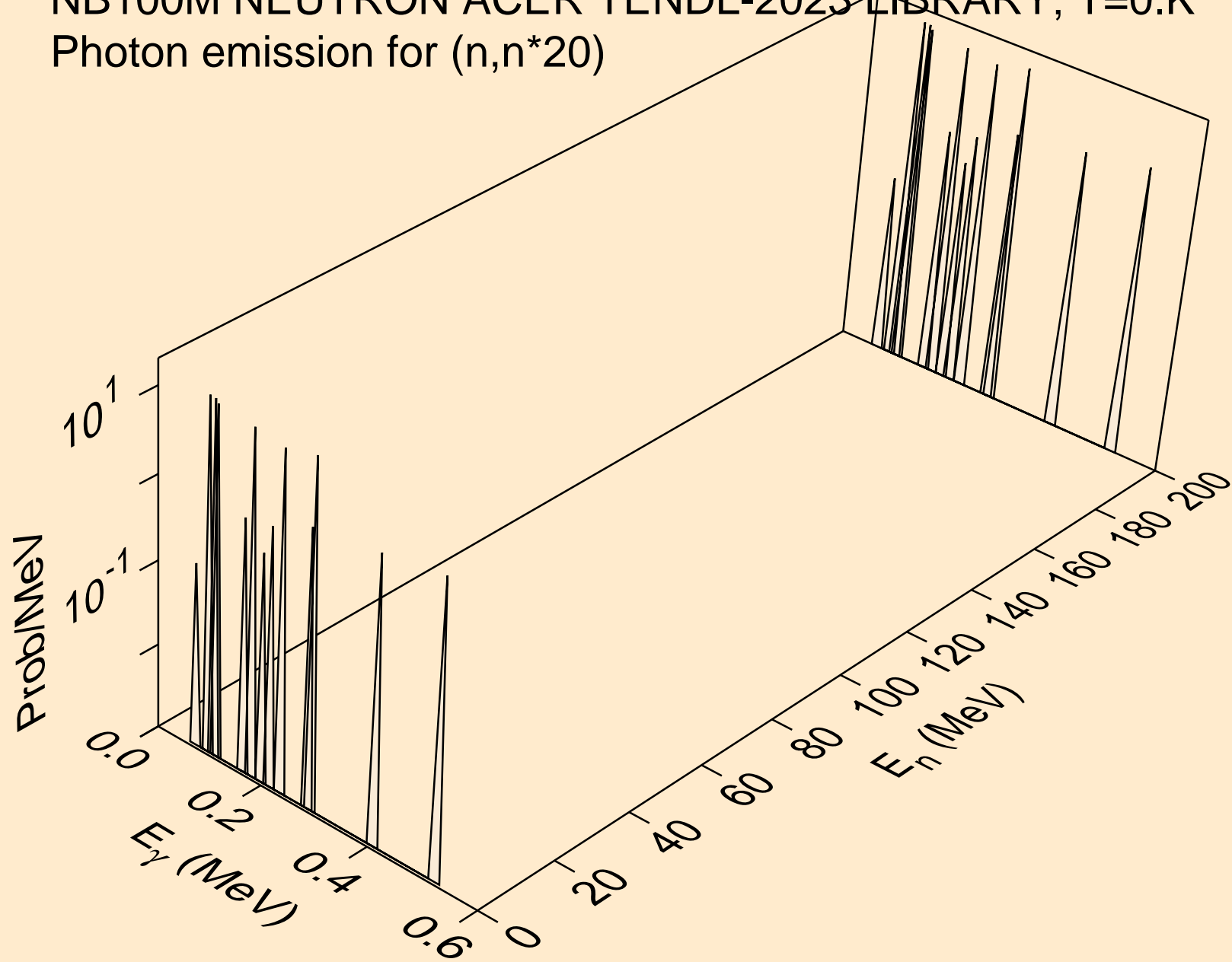
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Photon emission for (n,n\*18)



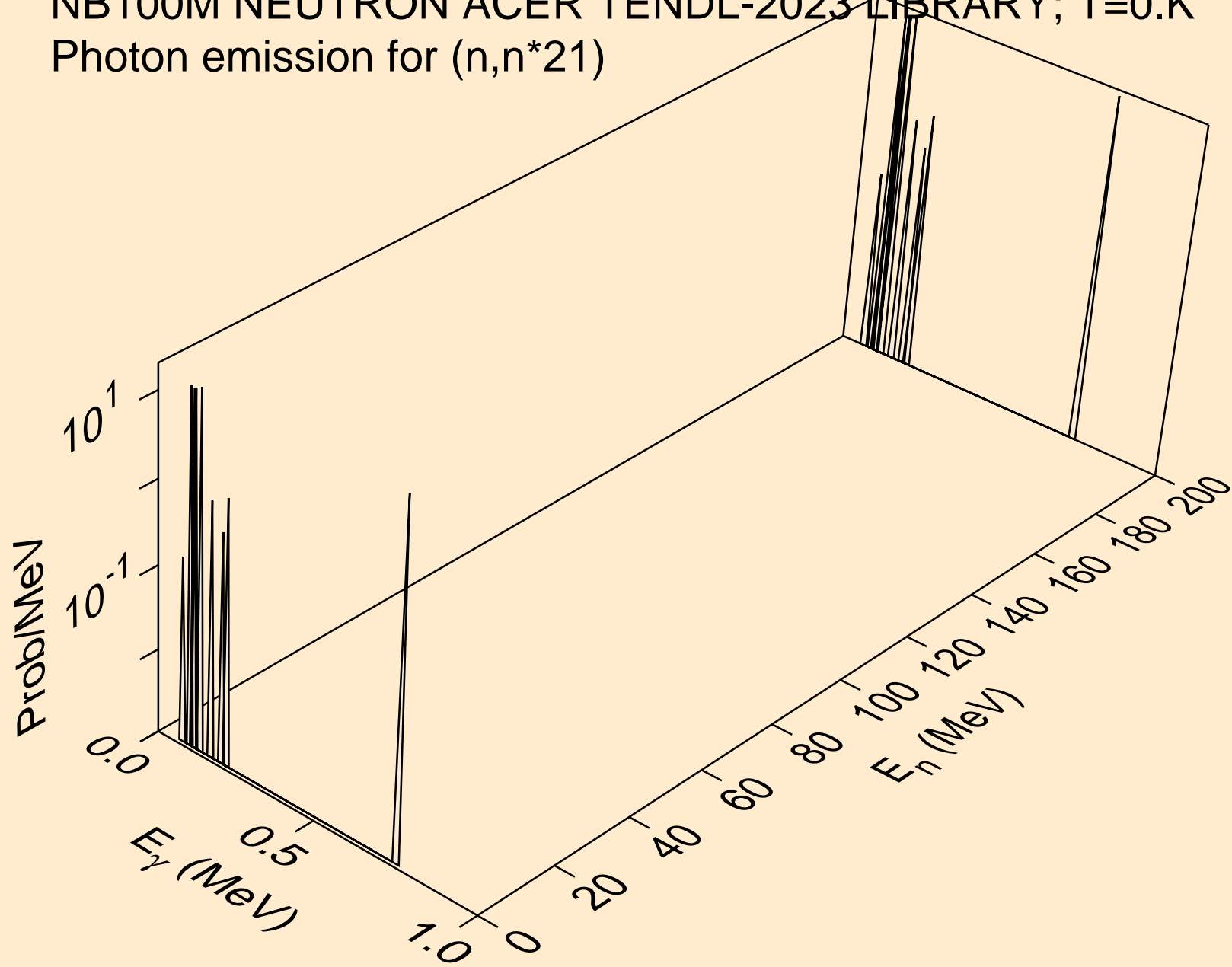
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Photon emission for (n,n\*19)



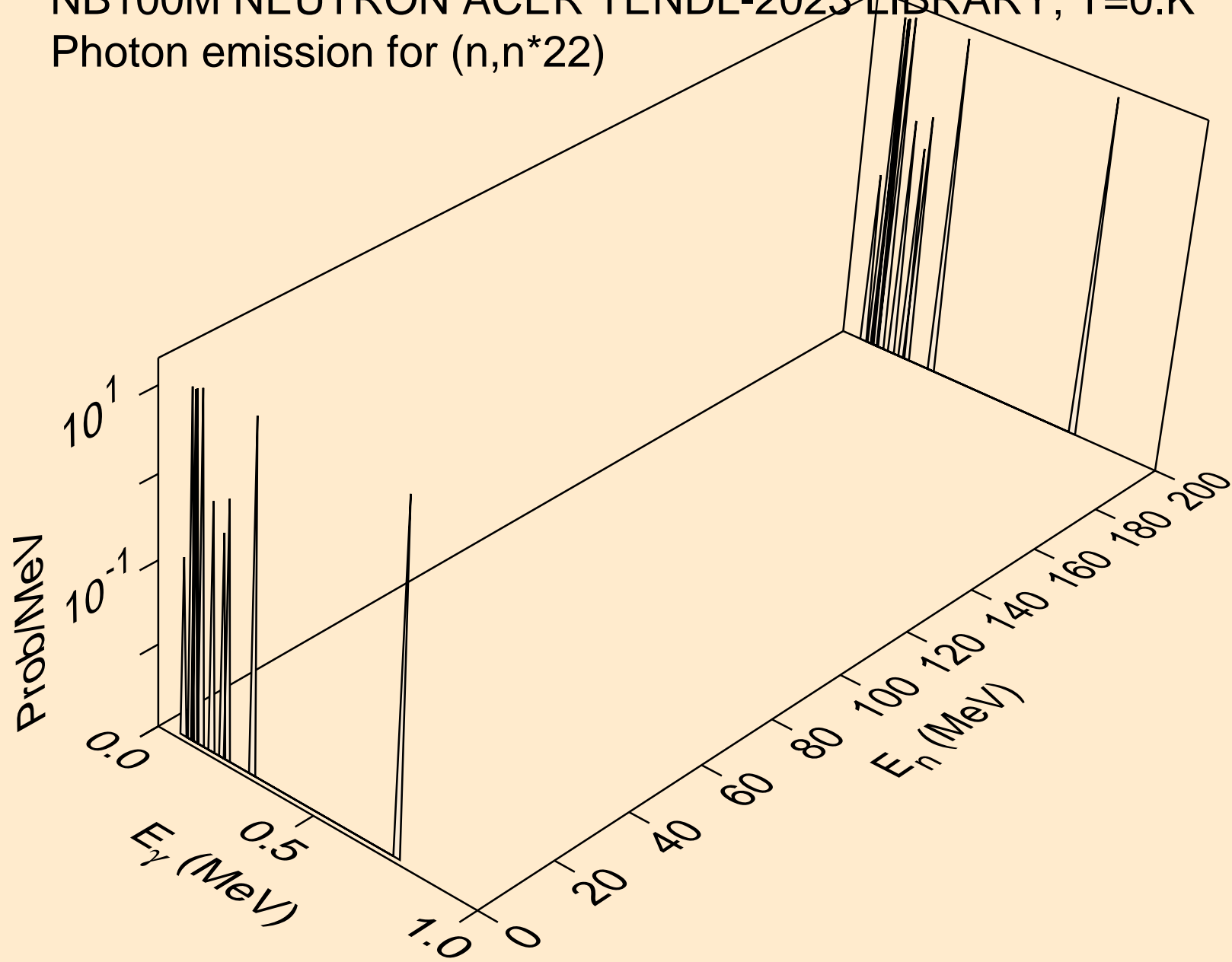
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Photon emission for (n,n\*20)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*21)

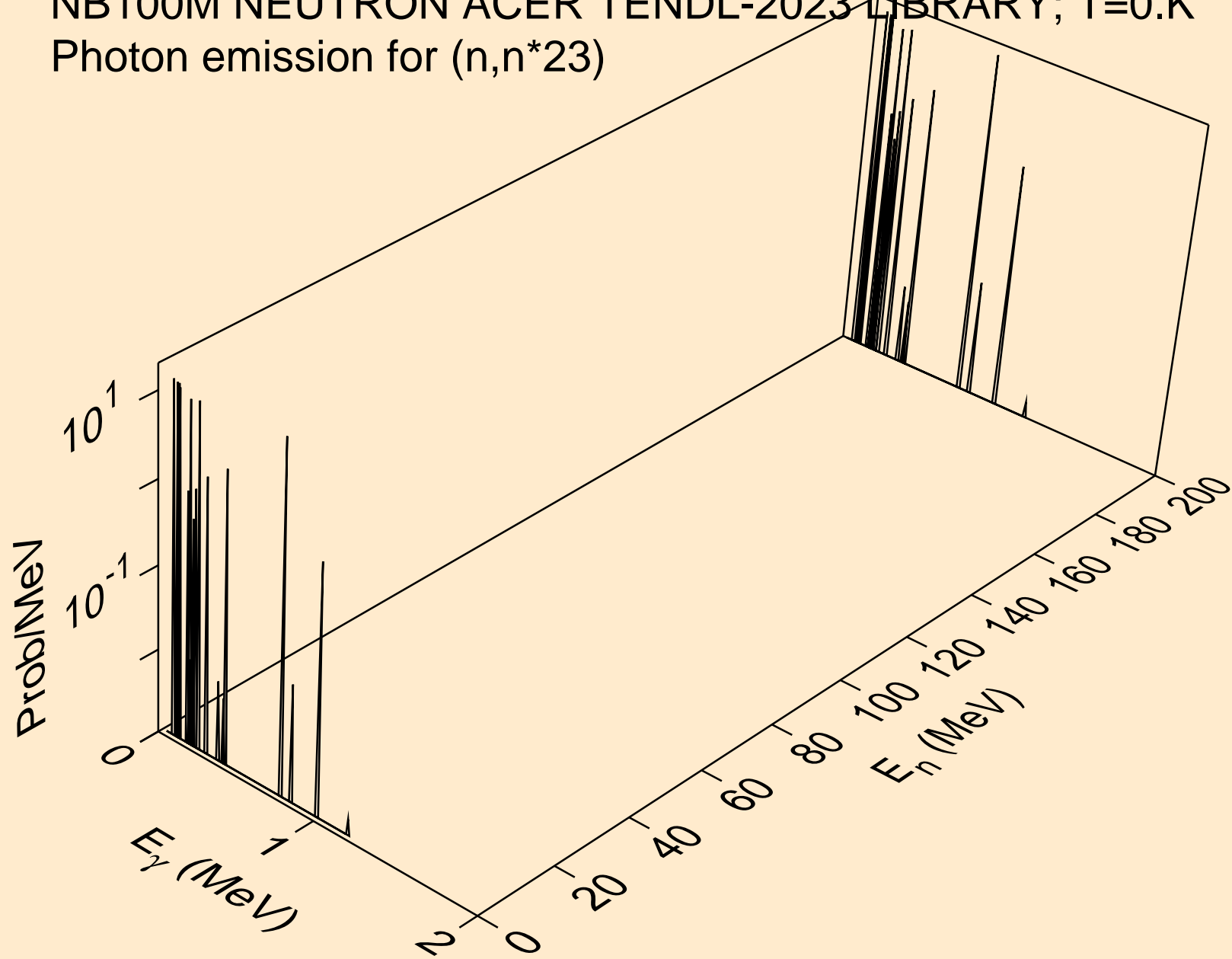


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Photon emission for (n,n\*22)

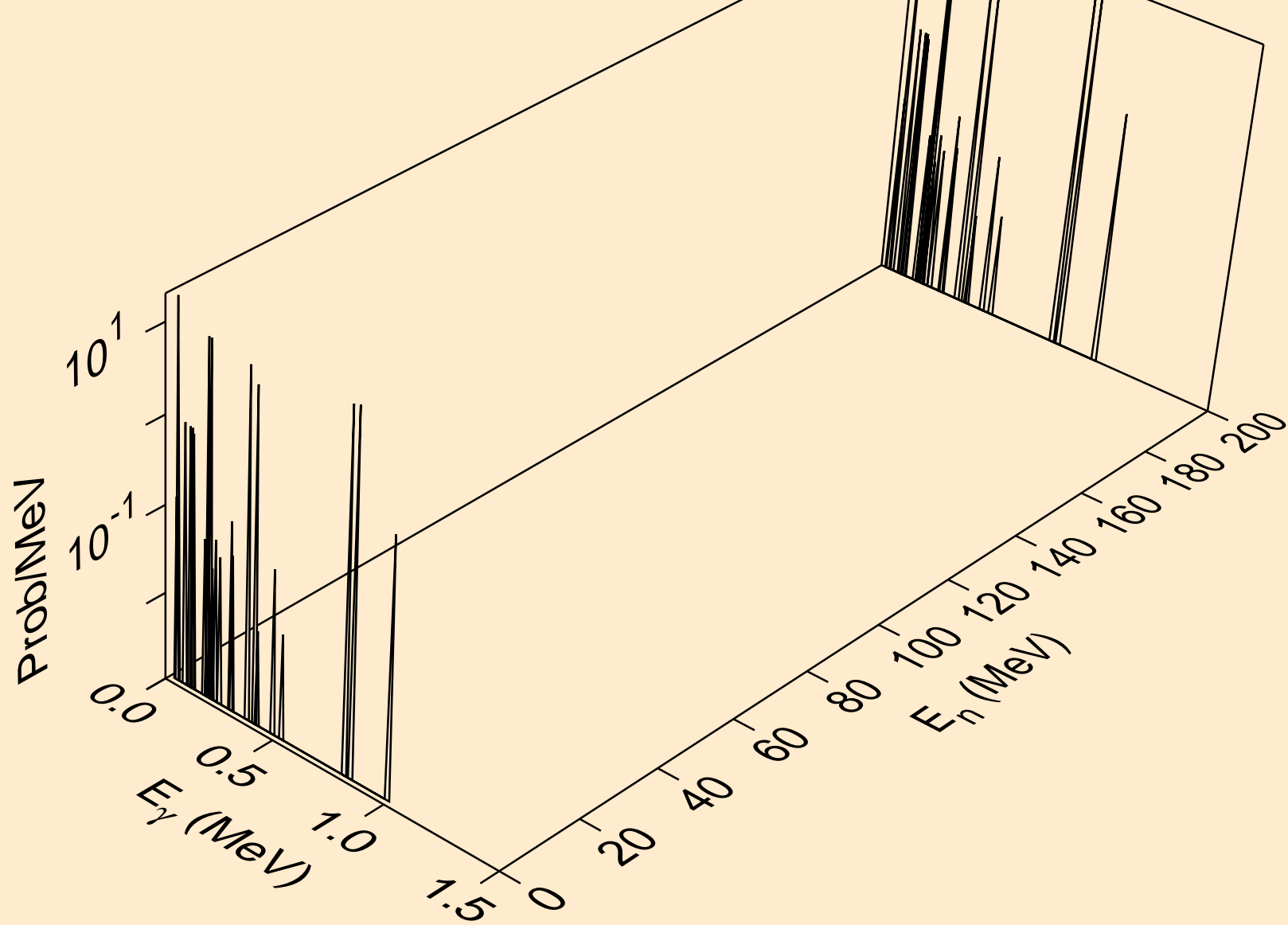




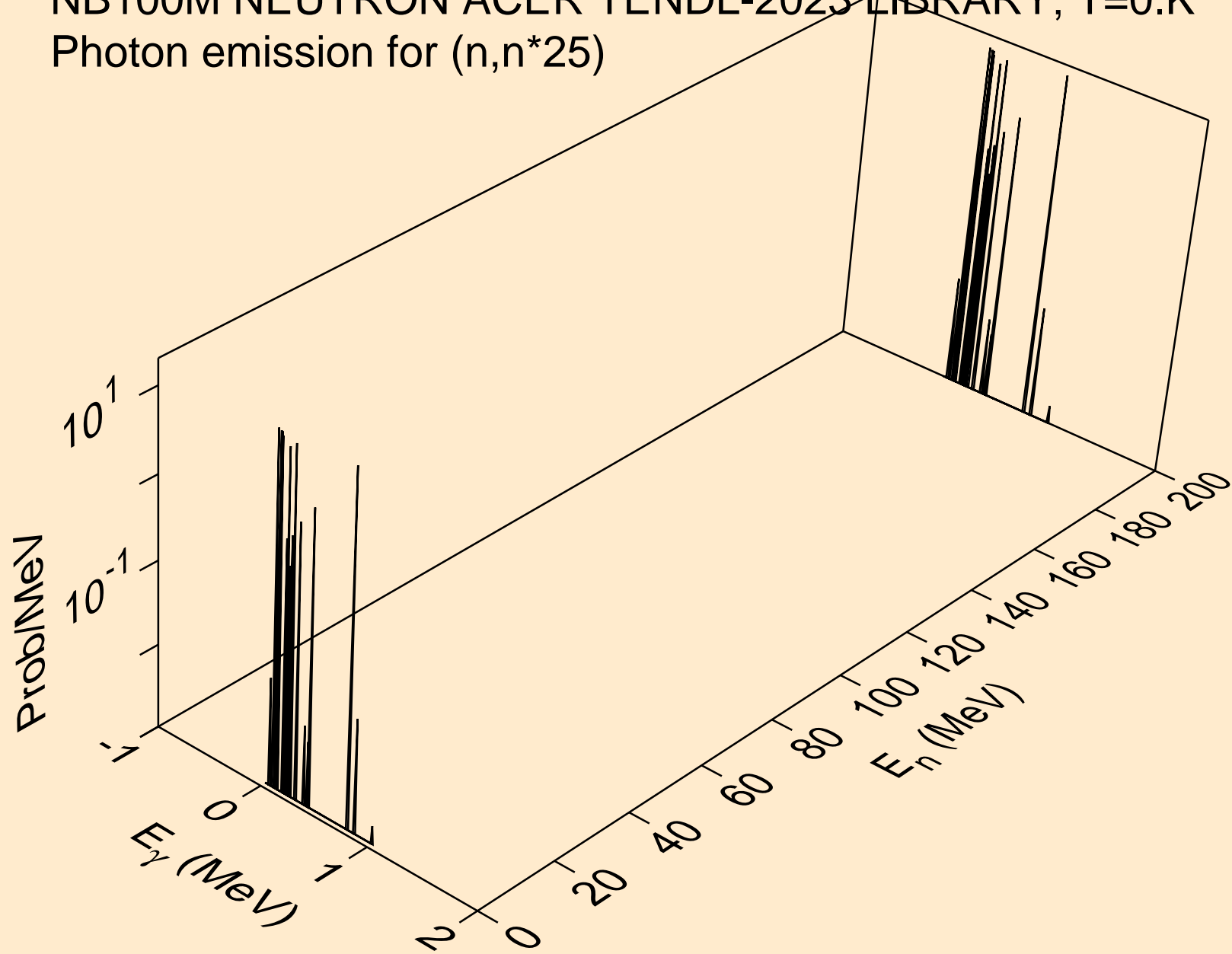
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Photon emission for (n,n\*23)



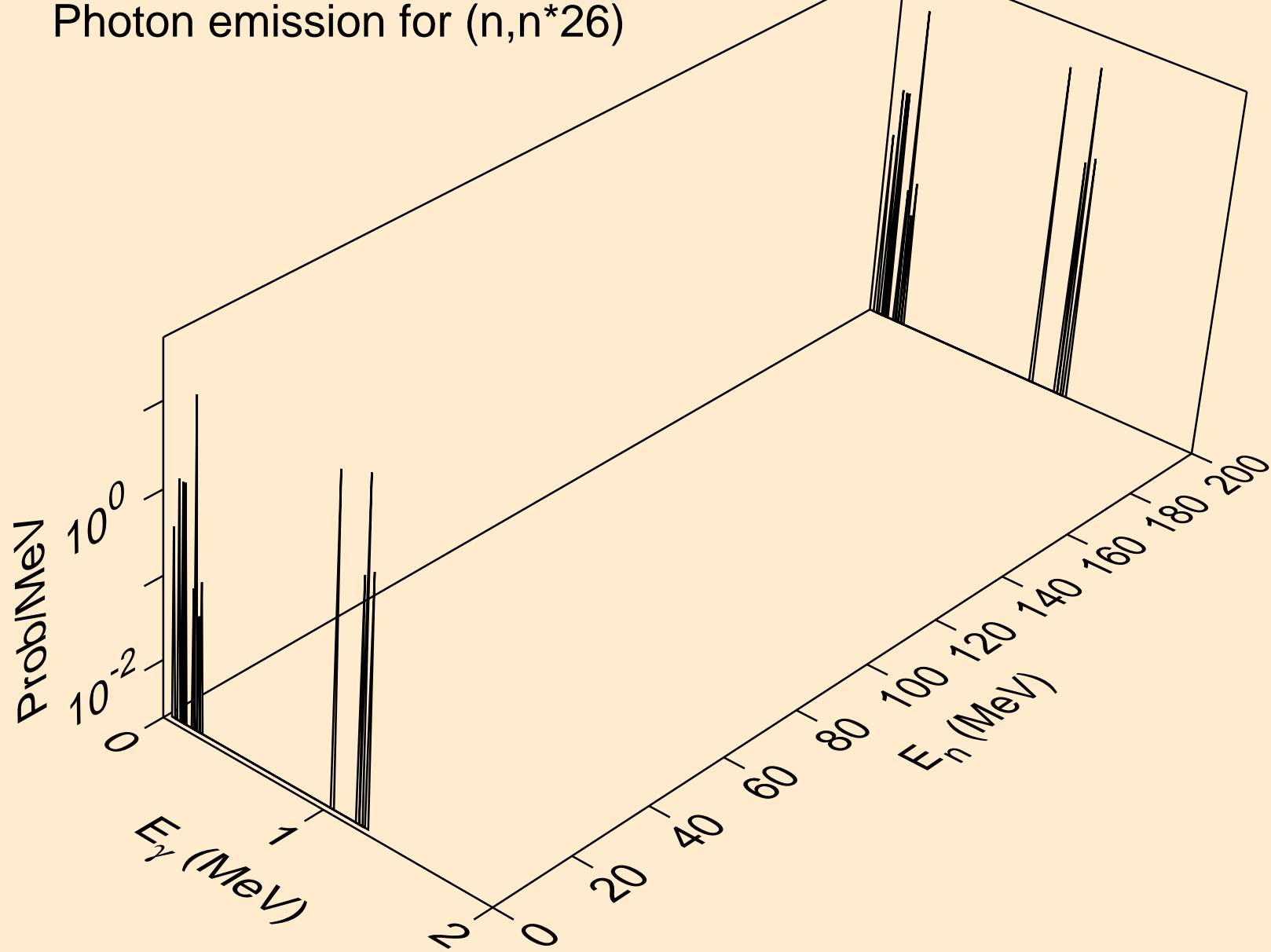
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Photon emission for (n,n\*24)



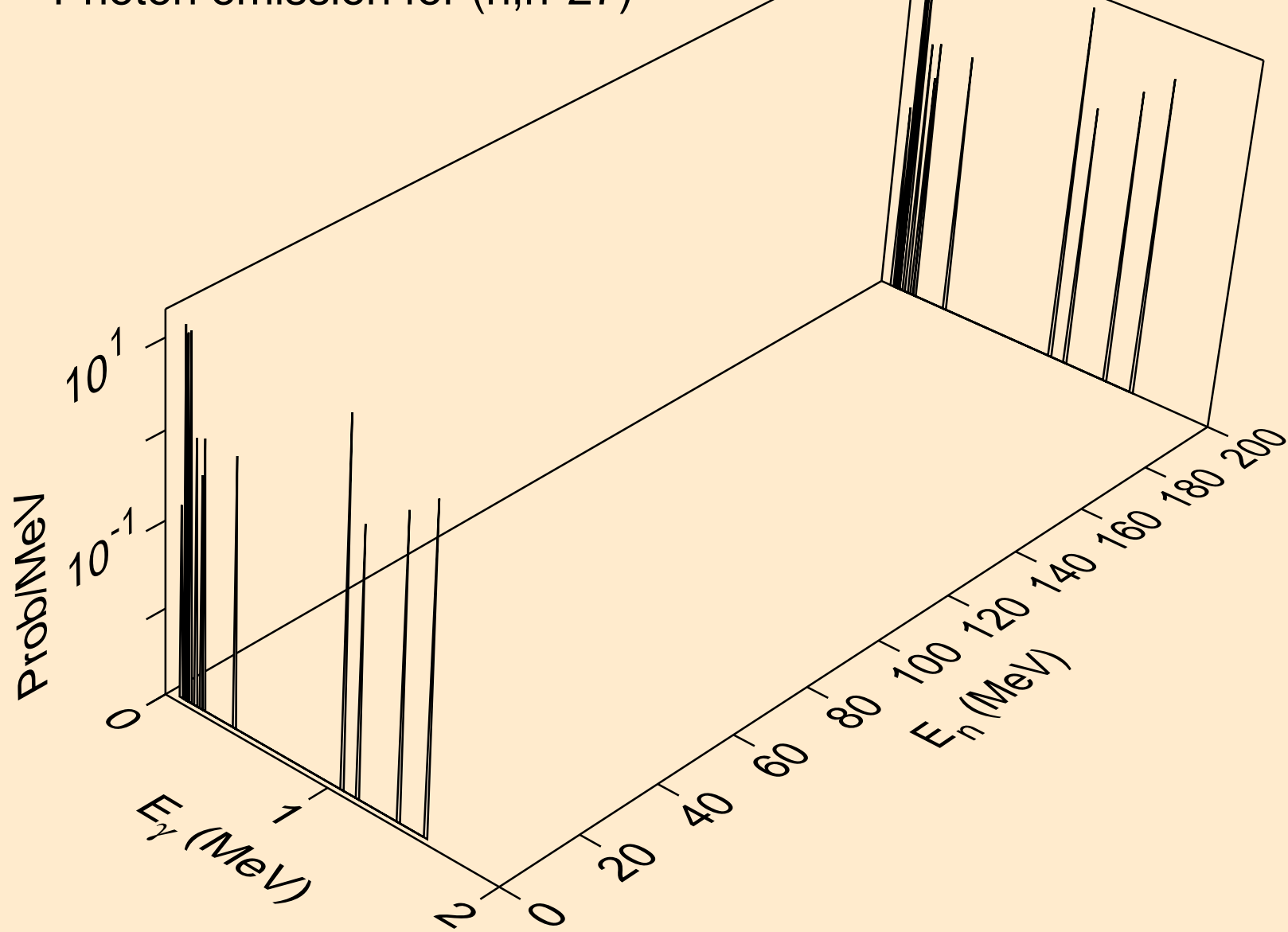
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Photon emission for (n,n\*25)



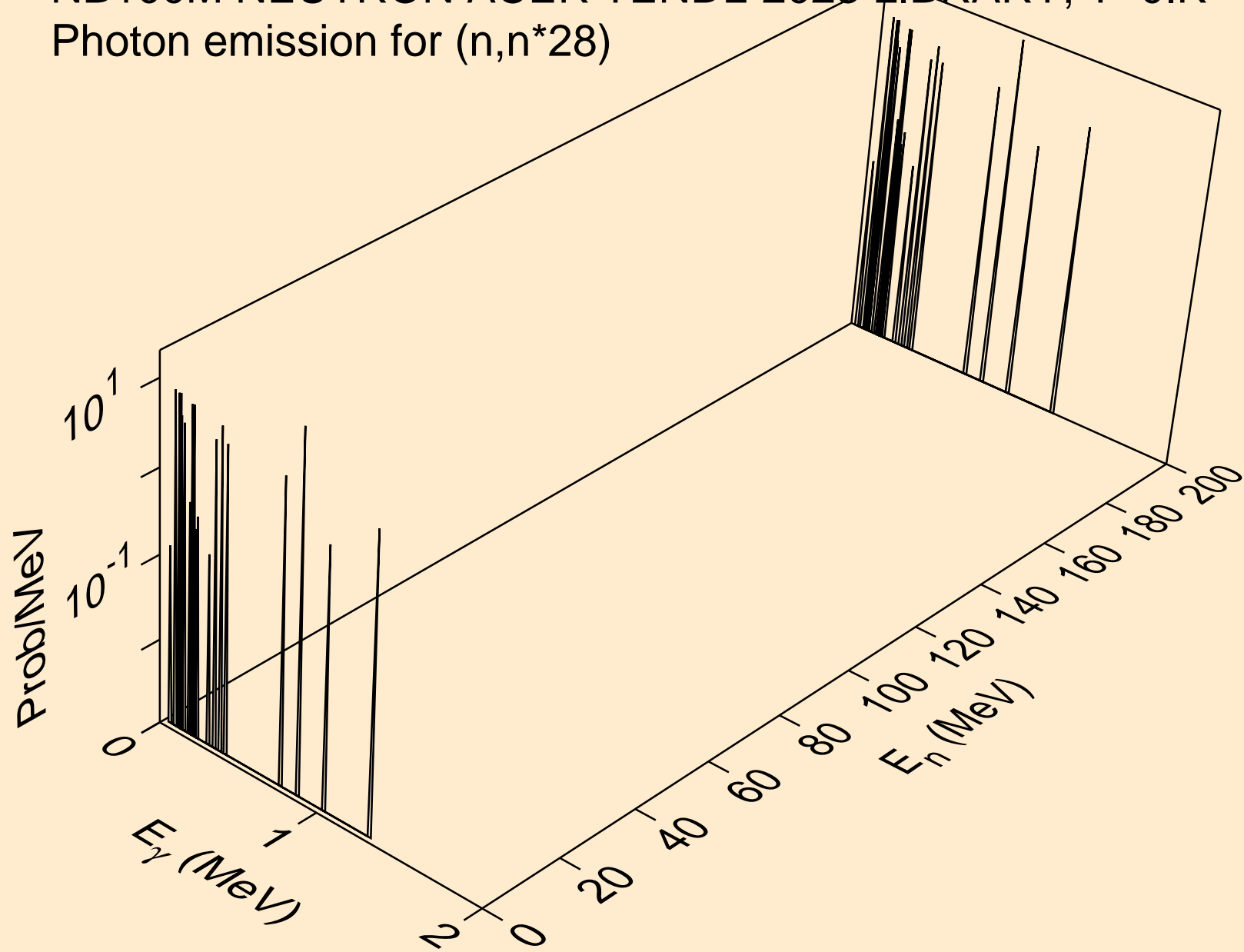
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Photon emission for (n,n\*26)



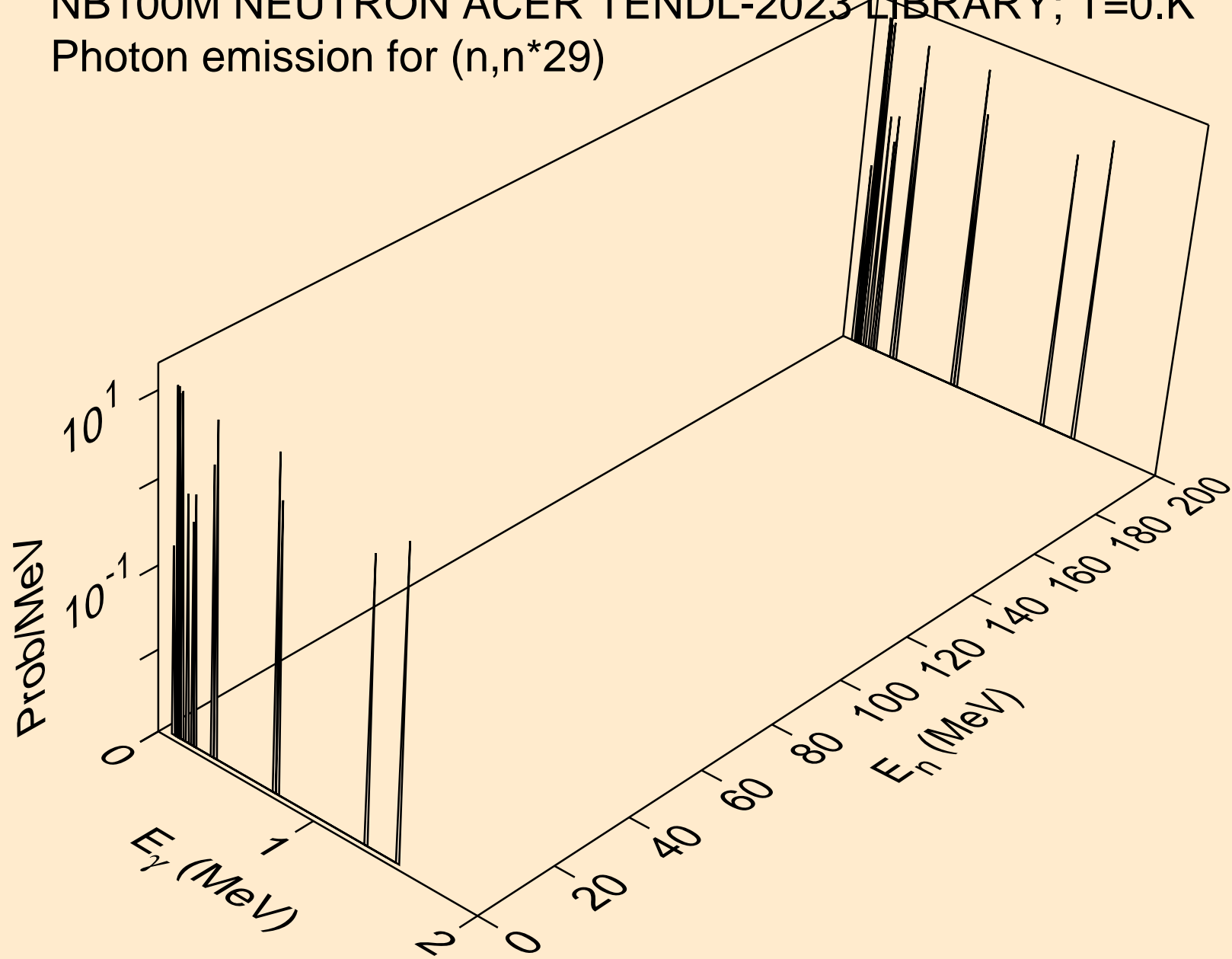
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Photon emission for (n,n\*27)



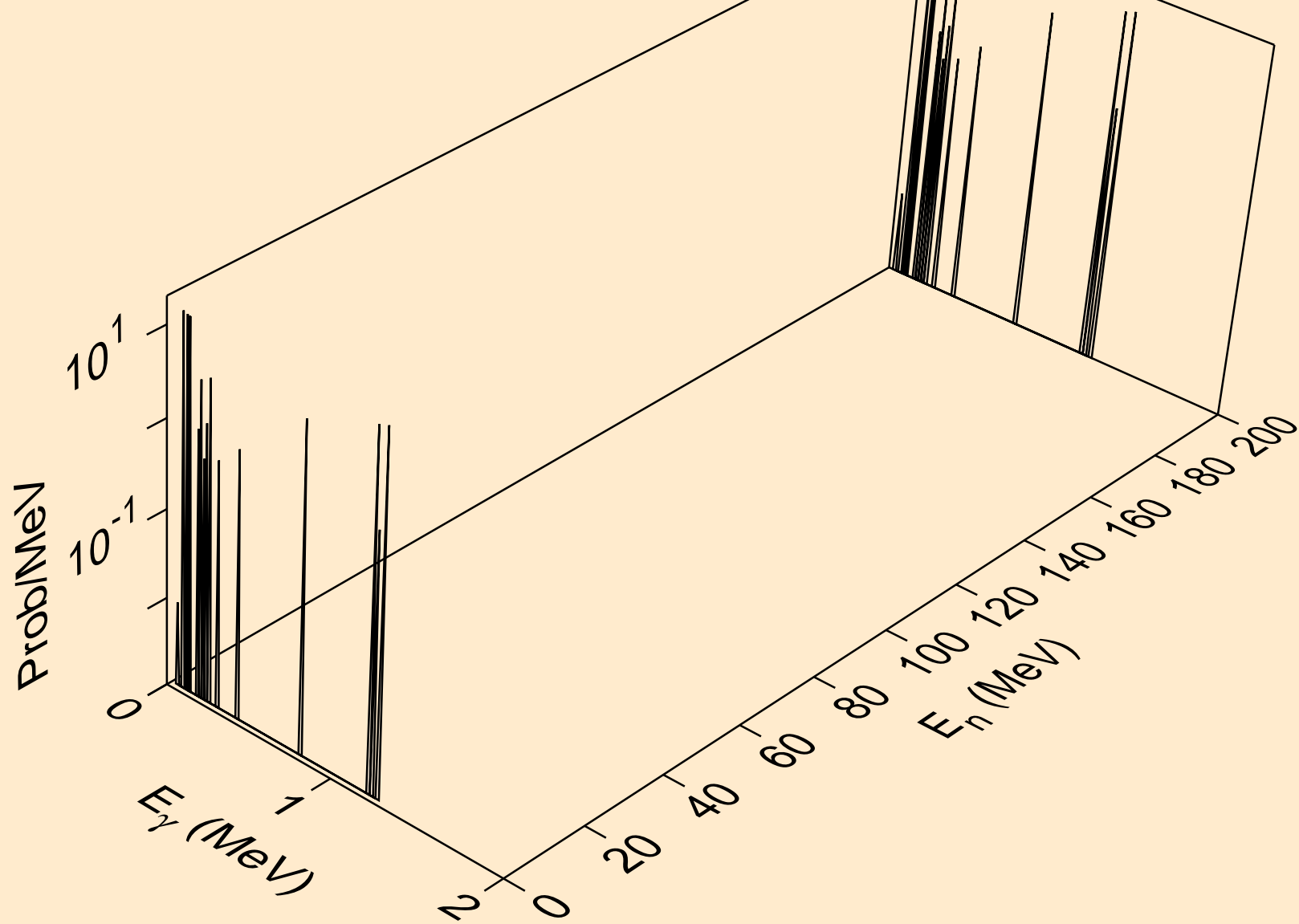
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Photon emission for (n,n\*28)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*29)

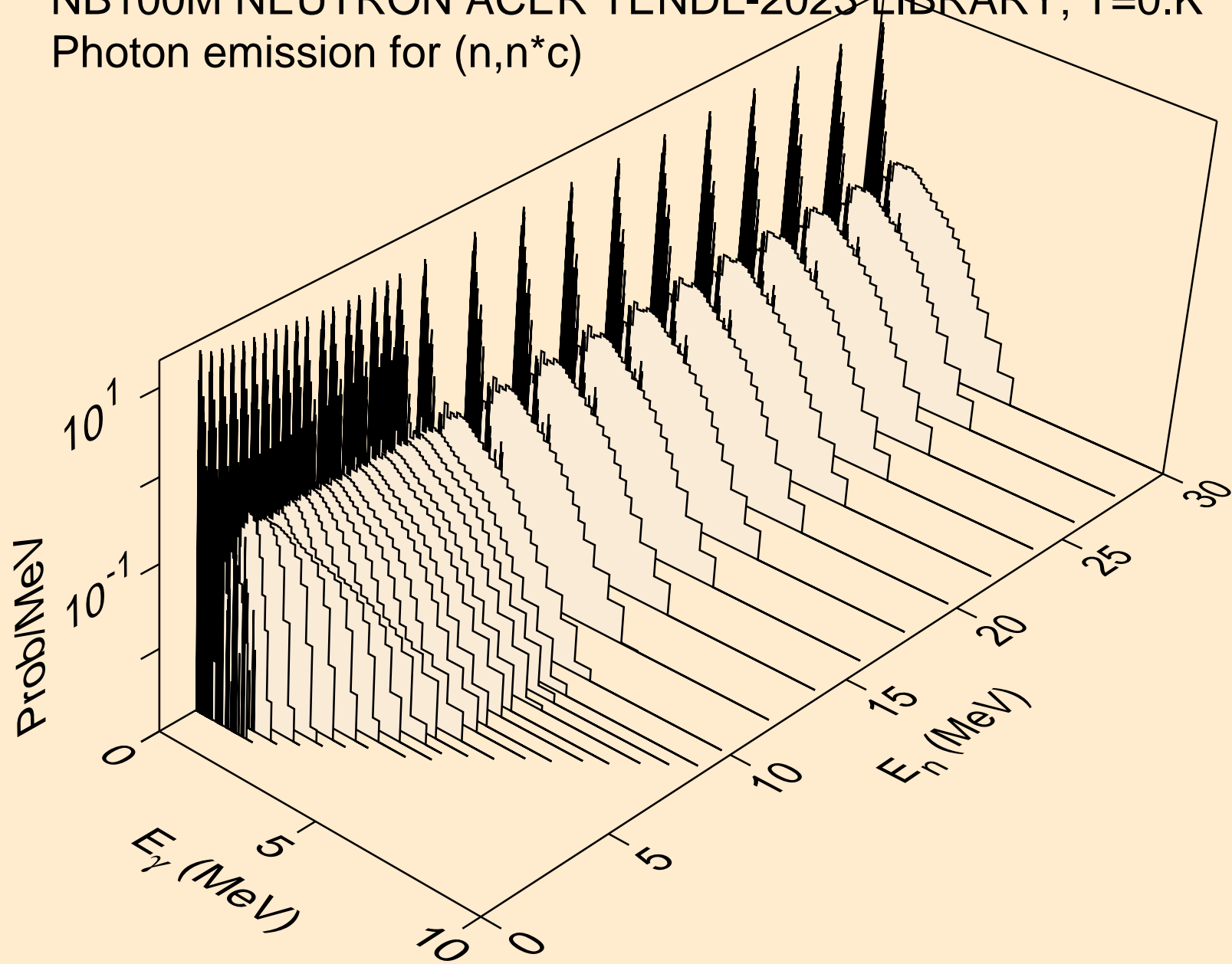


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*30)

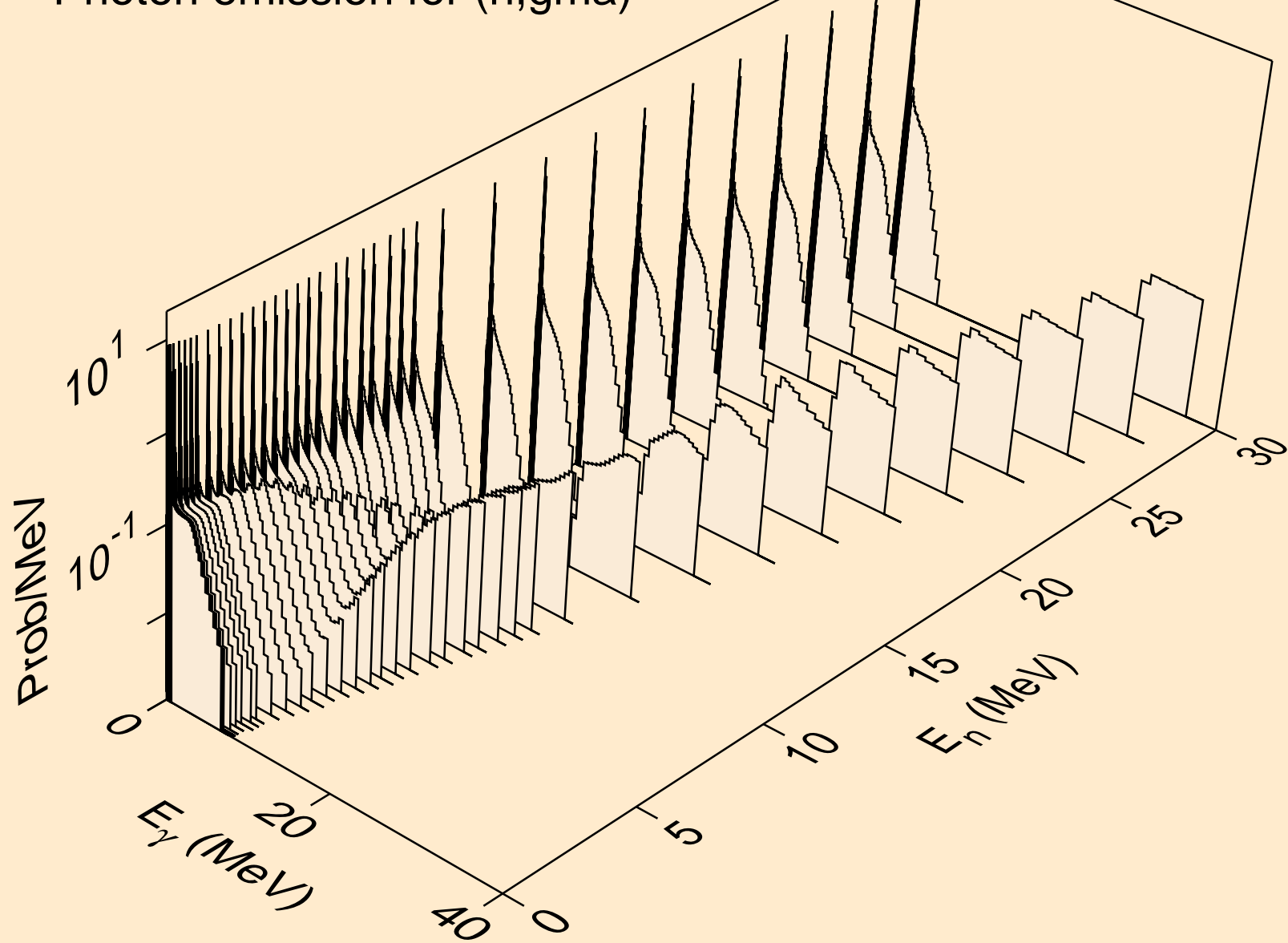




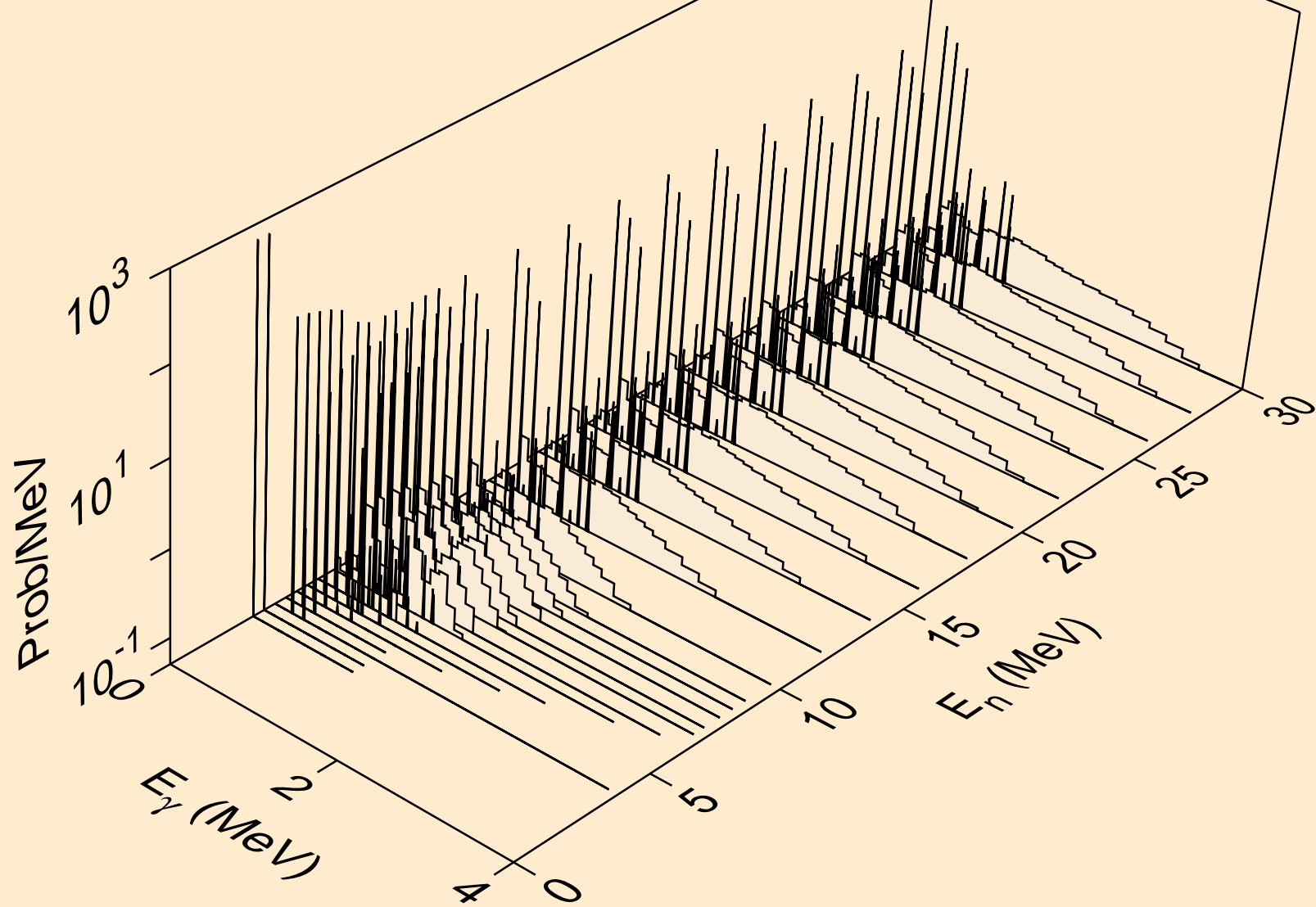
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Photon emission for (n,n\*c)



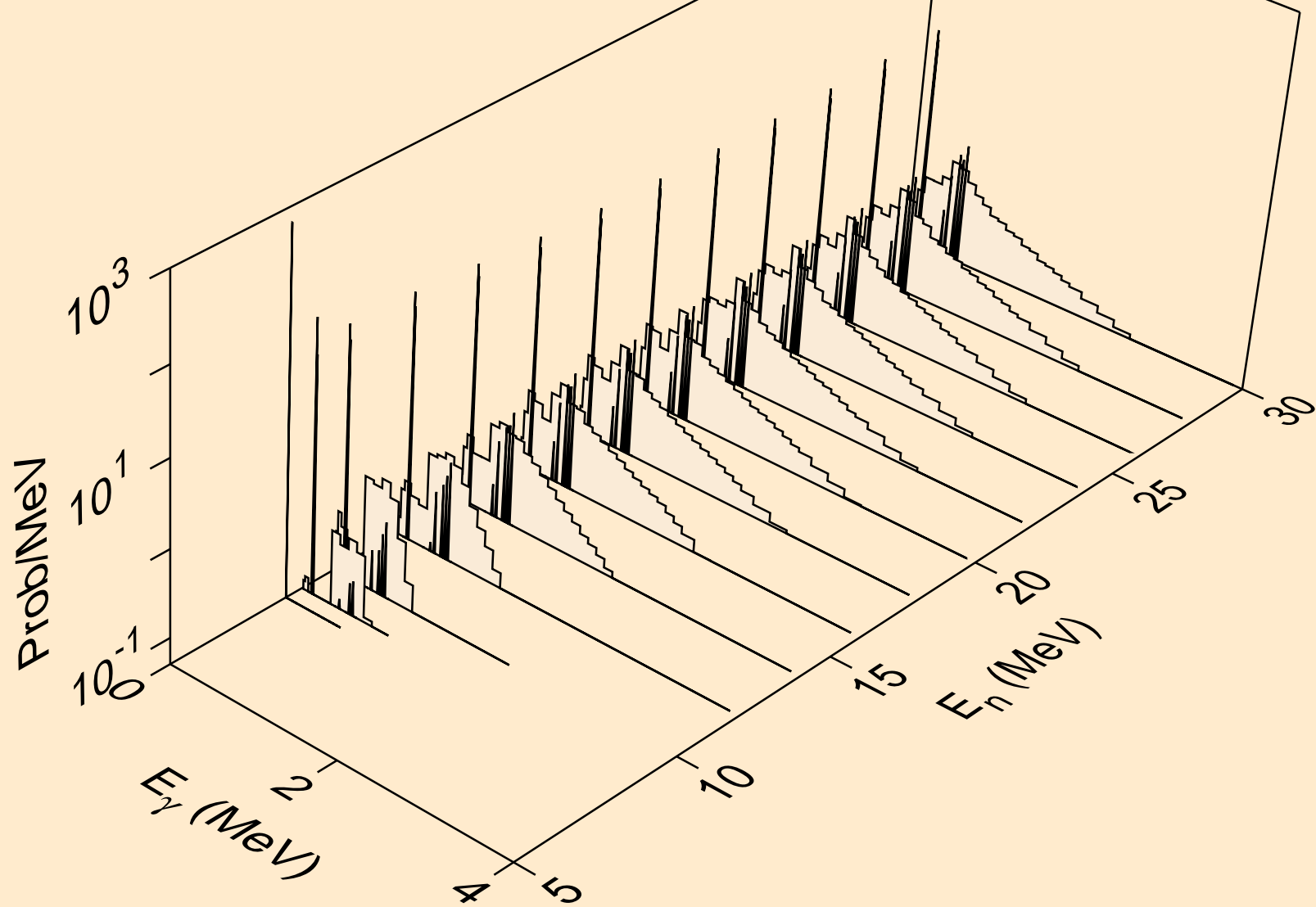
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Photon emission for (n,gma)



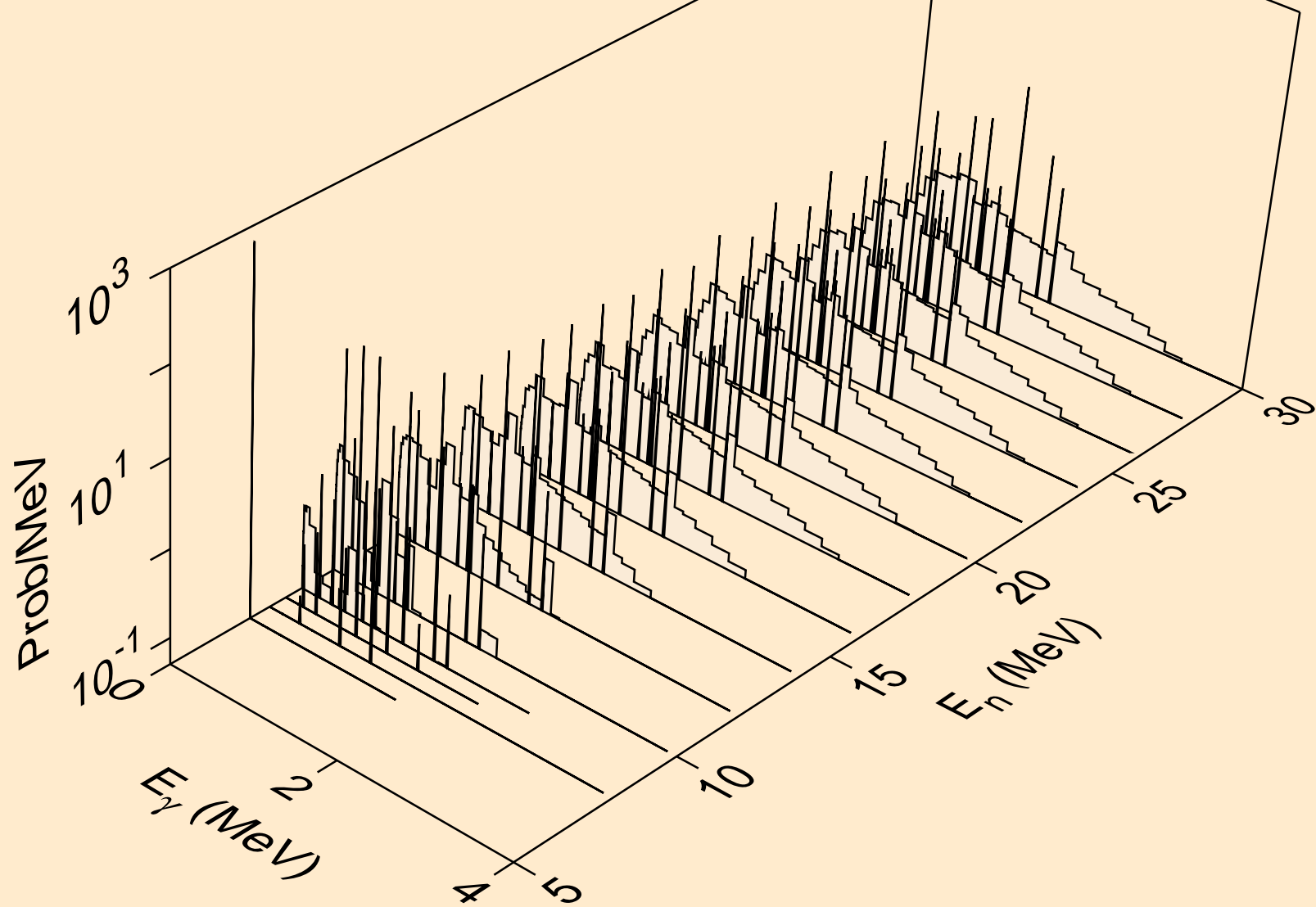
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Photon emission for (n,p)



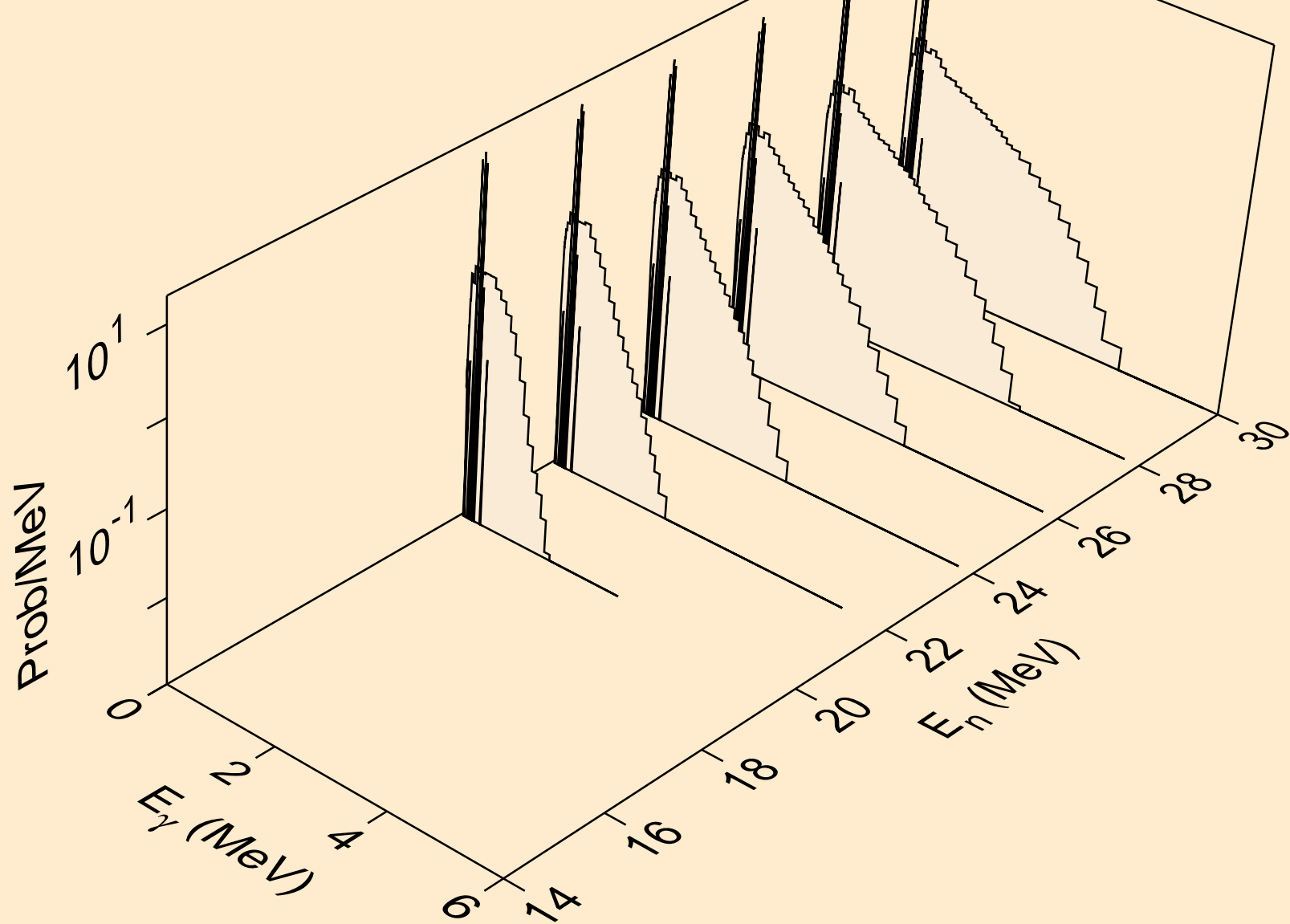
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Photon emission for (n,d)



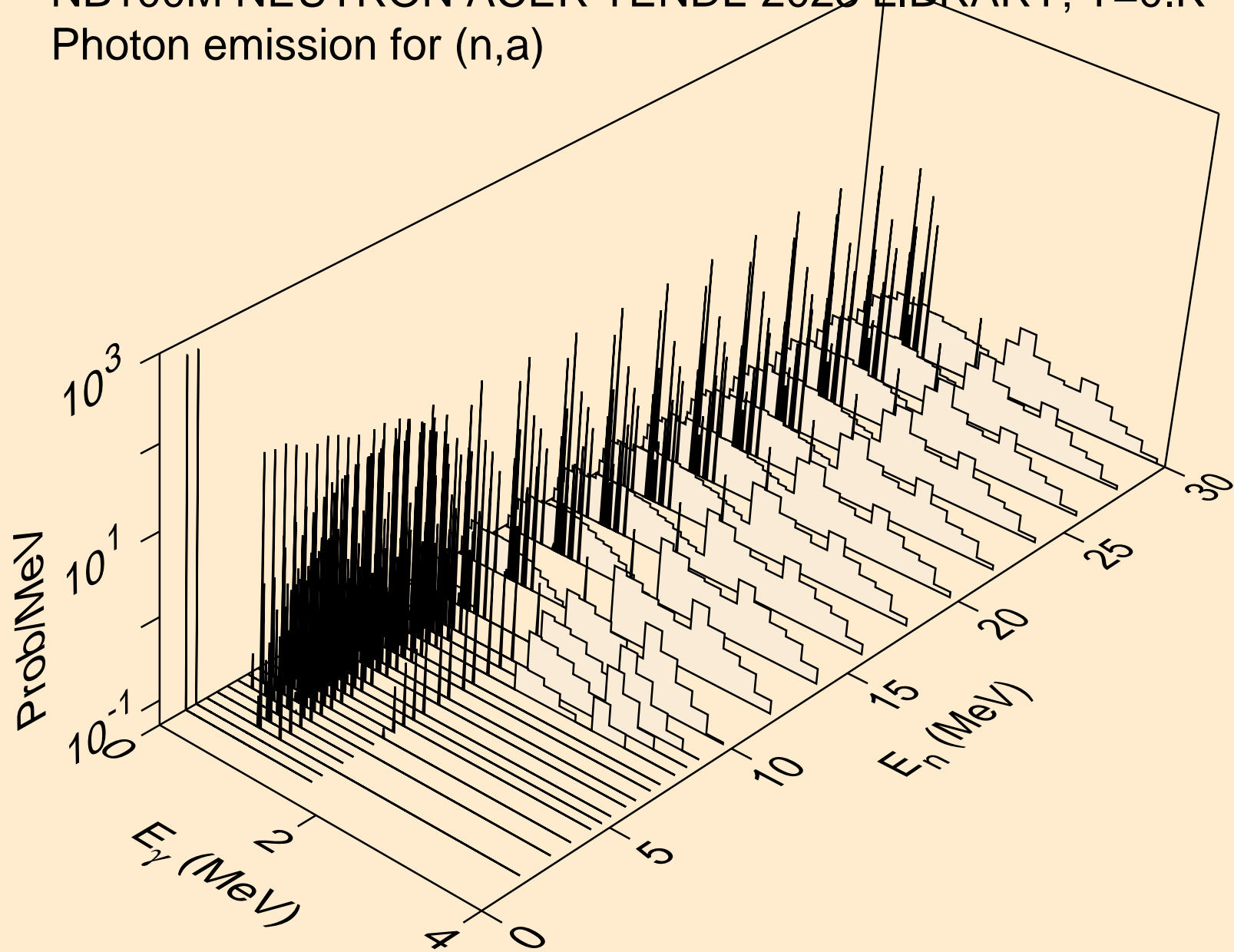
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Photon emission for (n,t)



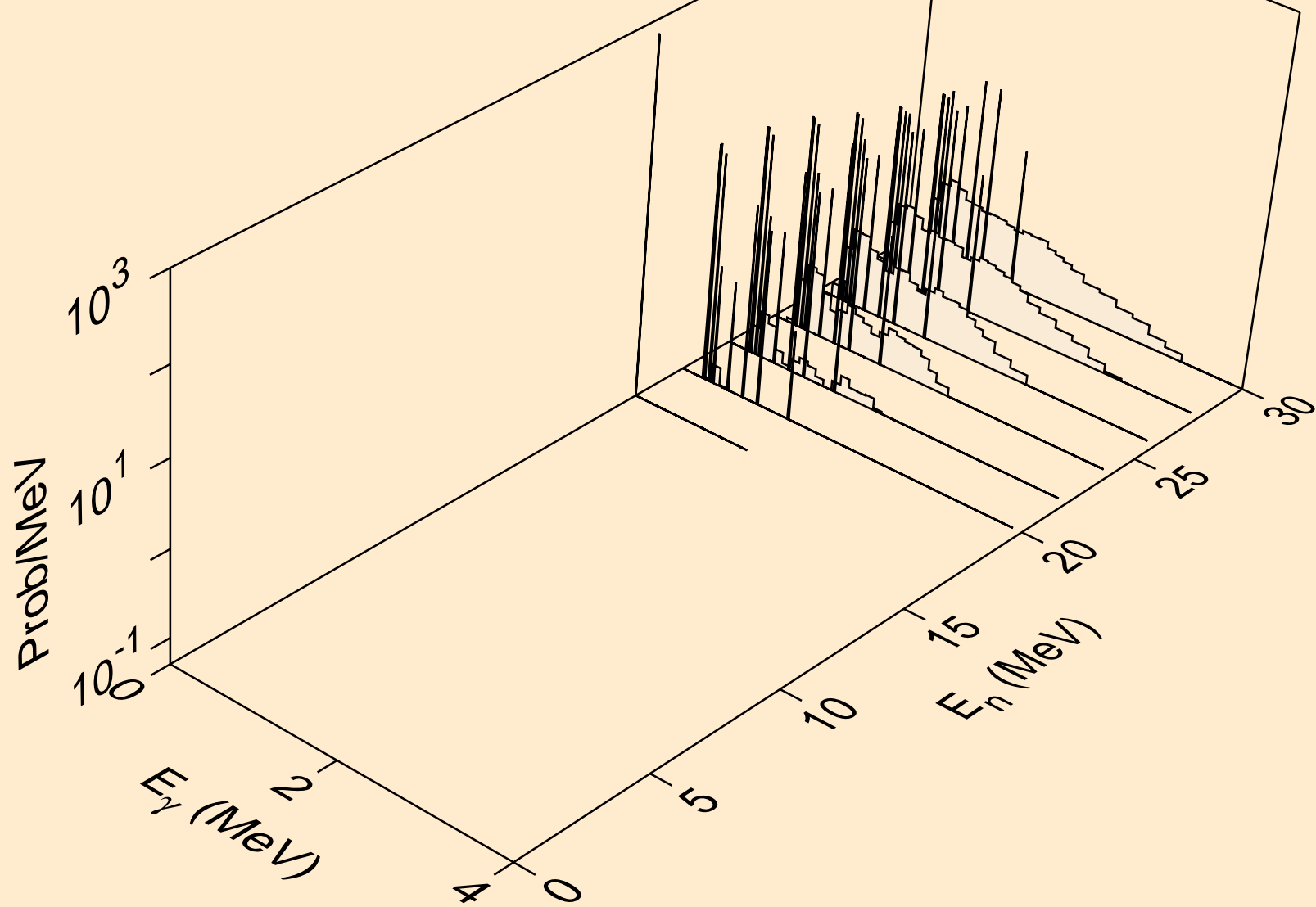
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Photon emission for (n,he3)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

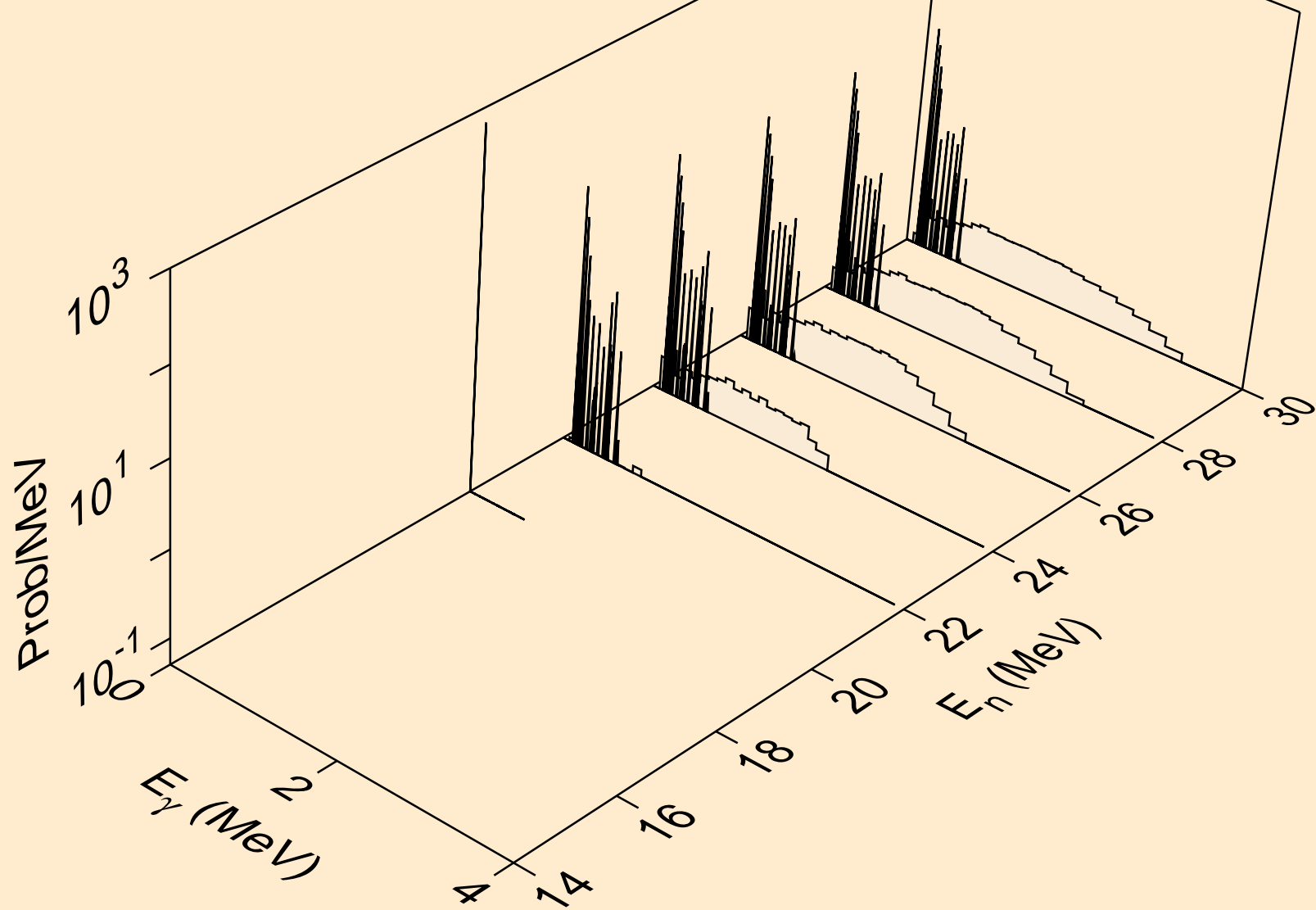


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Photon emission for (n,2a)

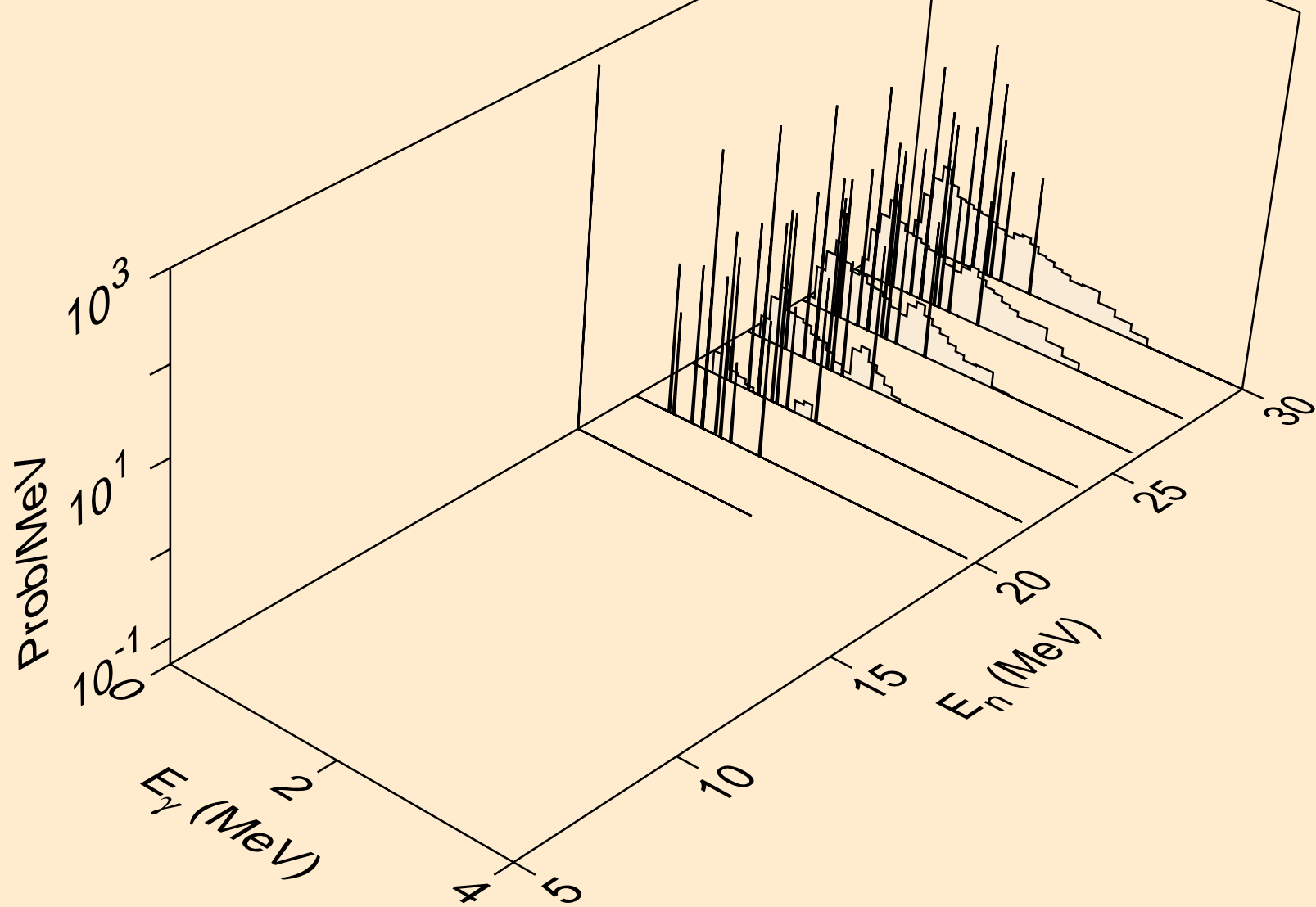




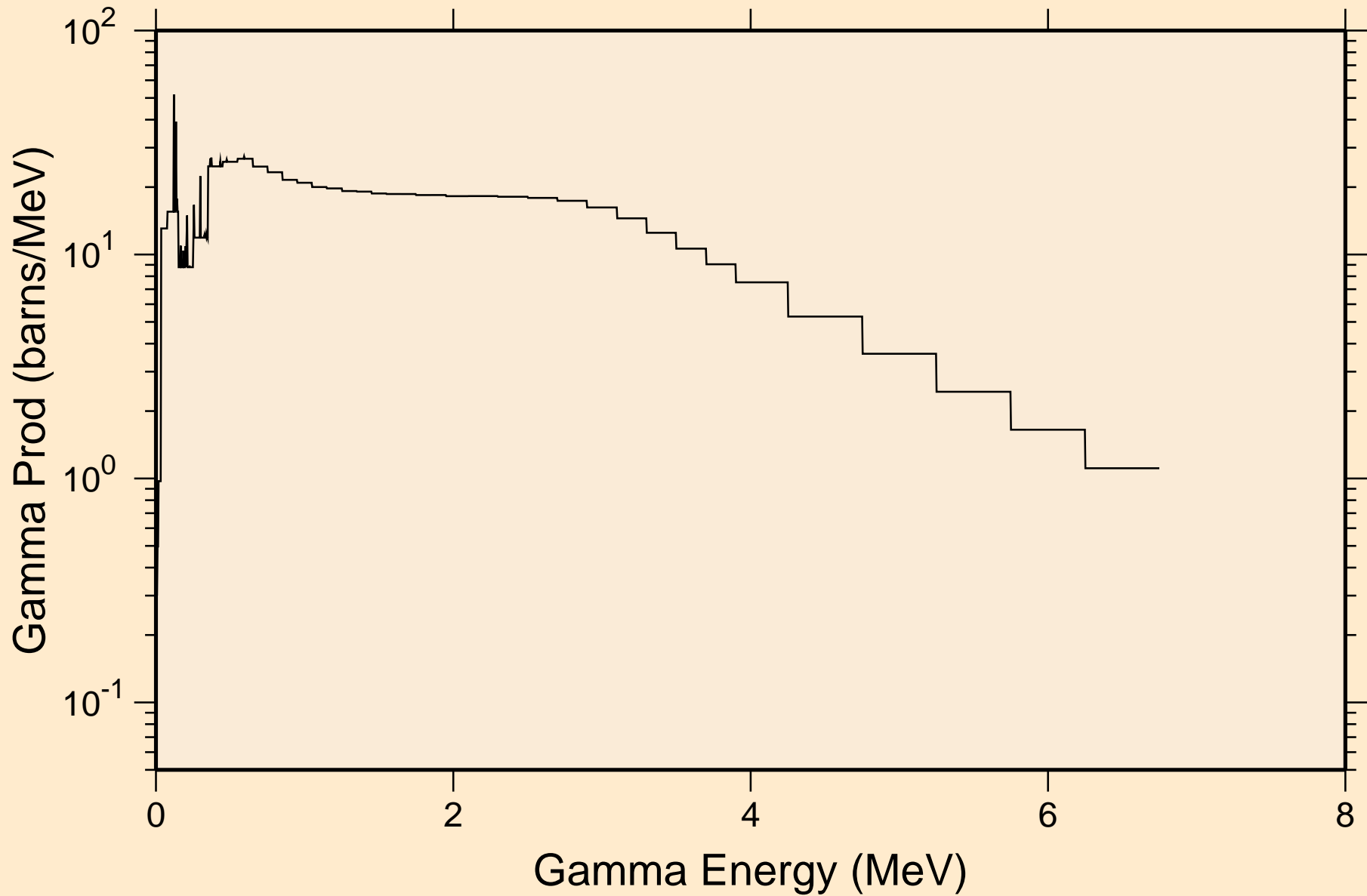
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Photon emission for (n,2p)



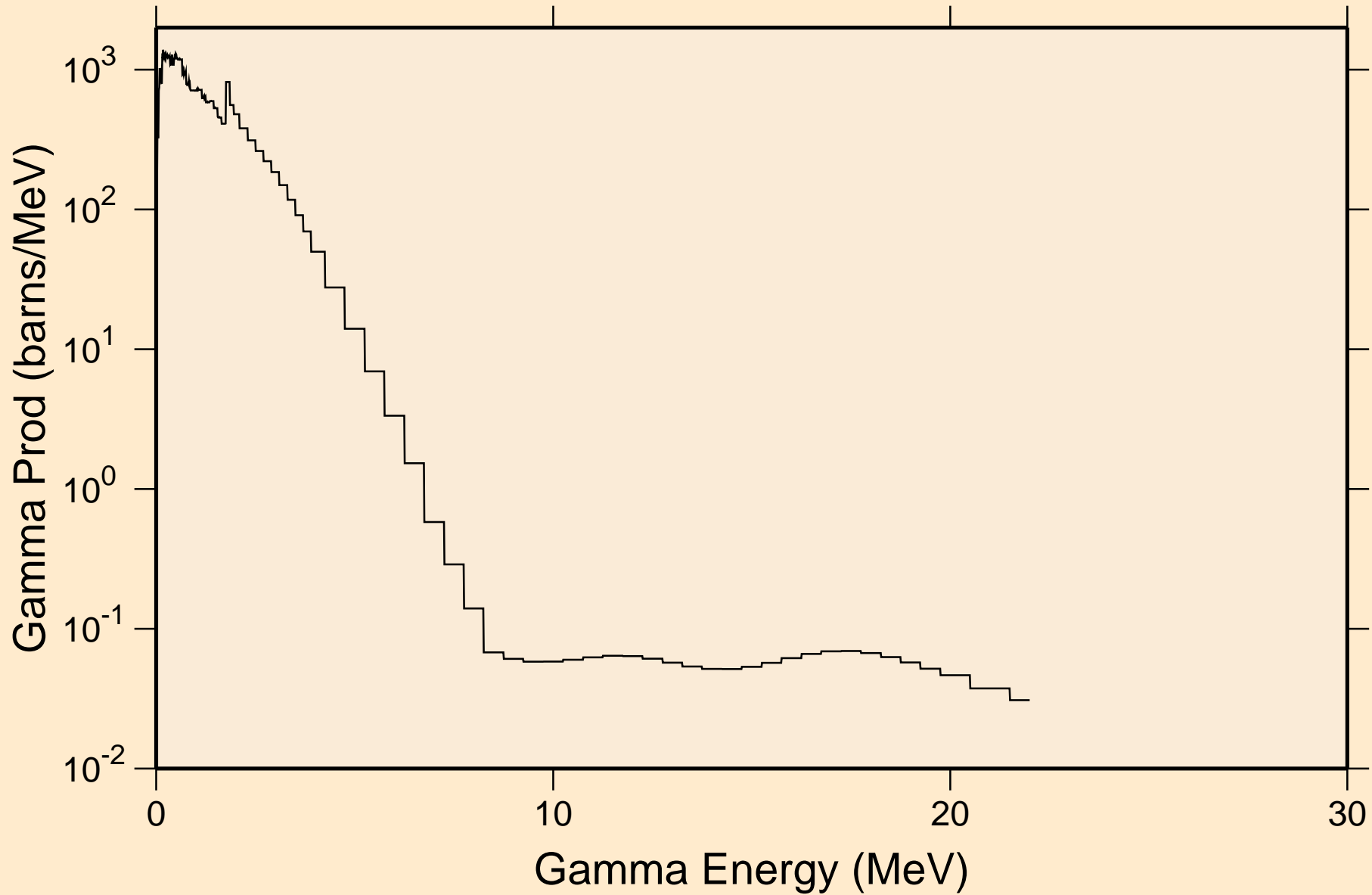
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Photon emission for (n,p)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

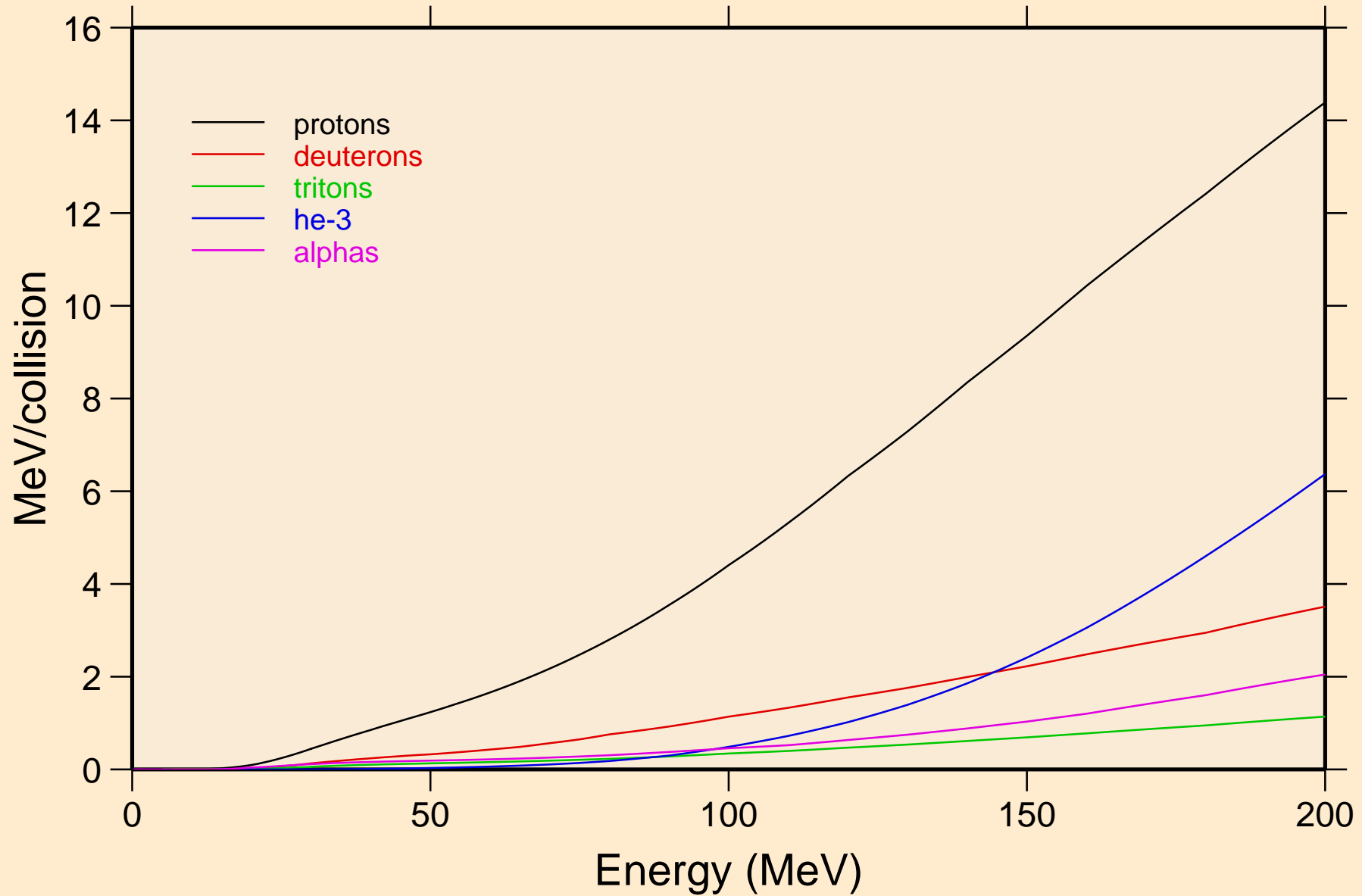


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14 MeV photon spectrum



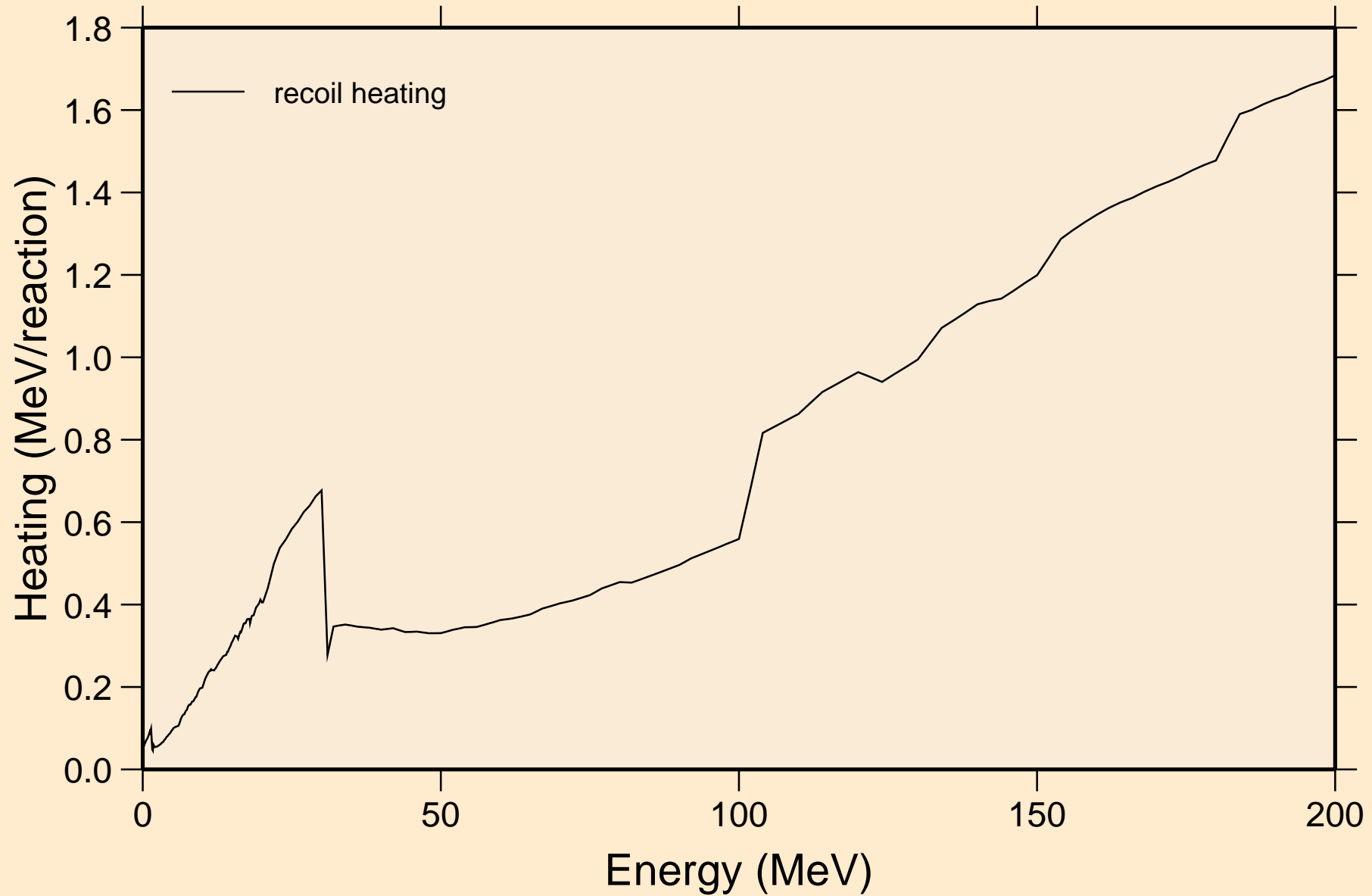
# NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



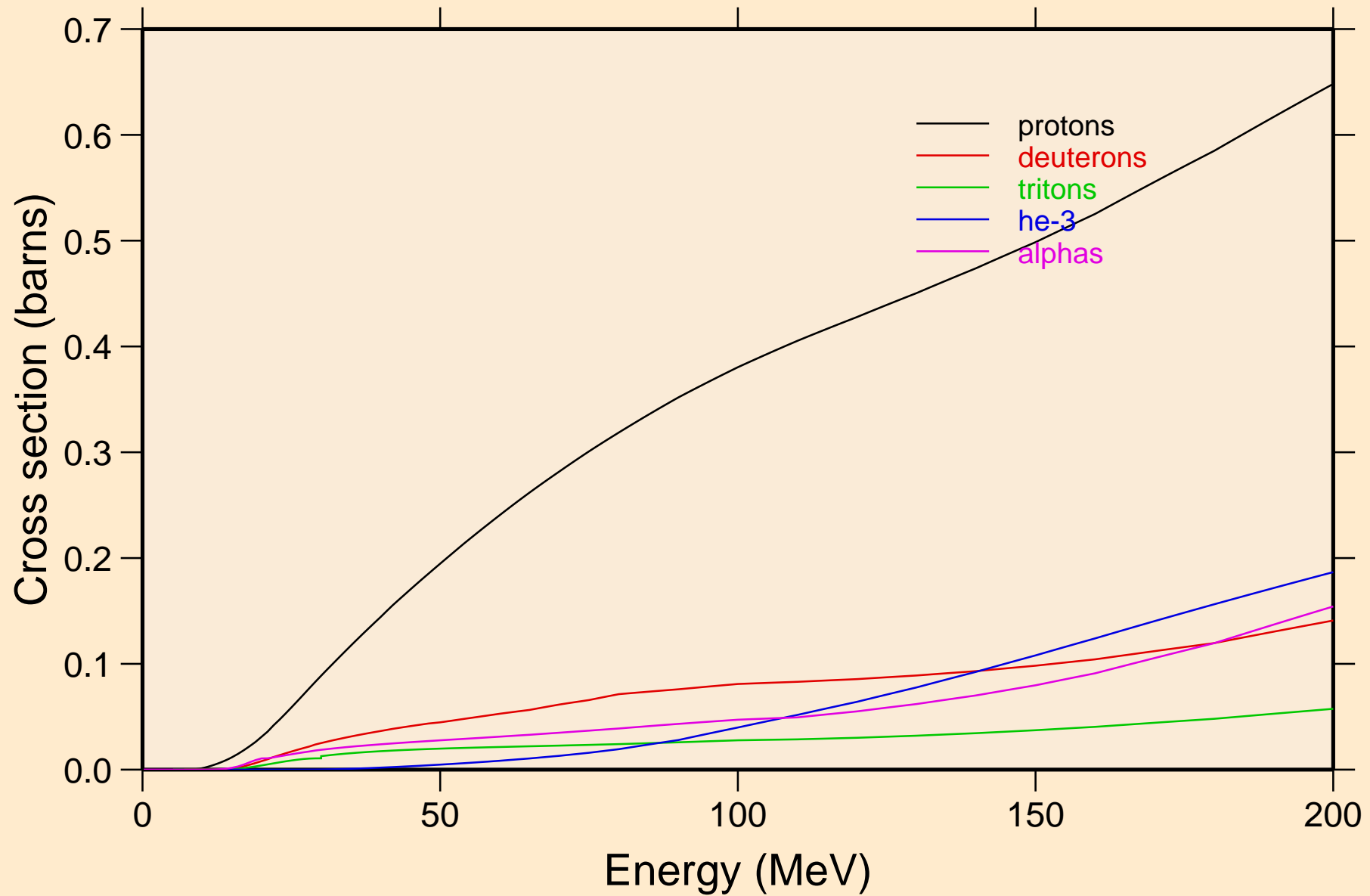
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## Recoil Heating

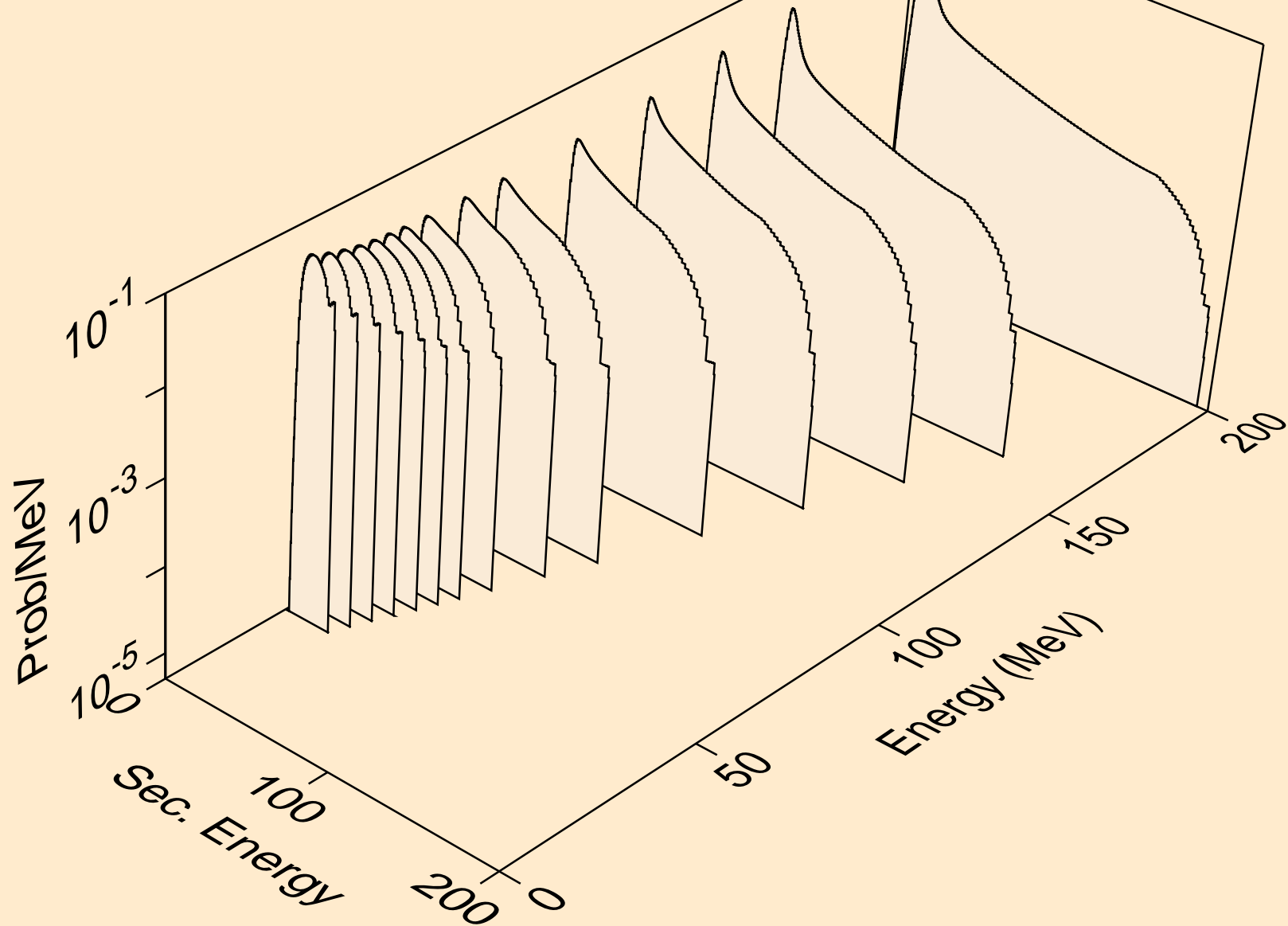


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## Particle production cross sections

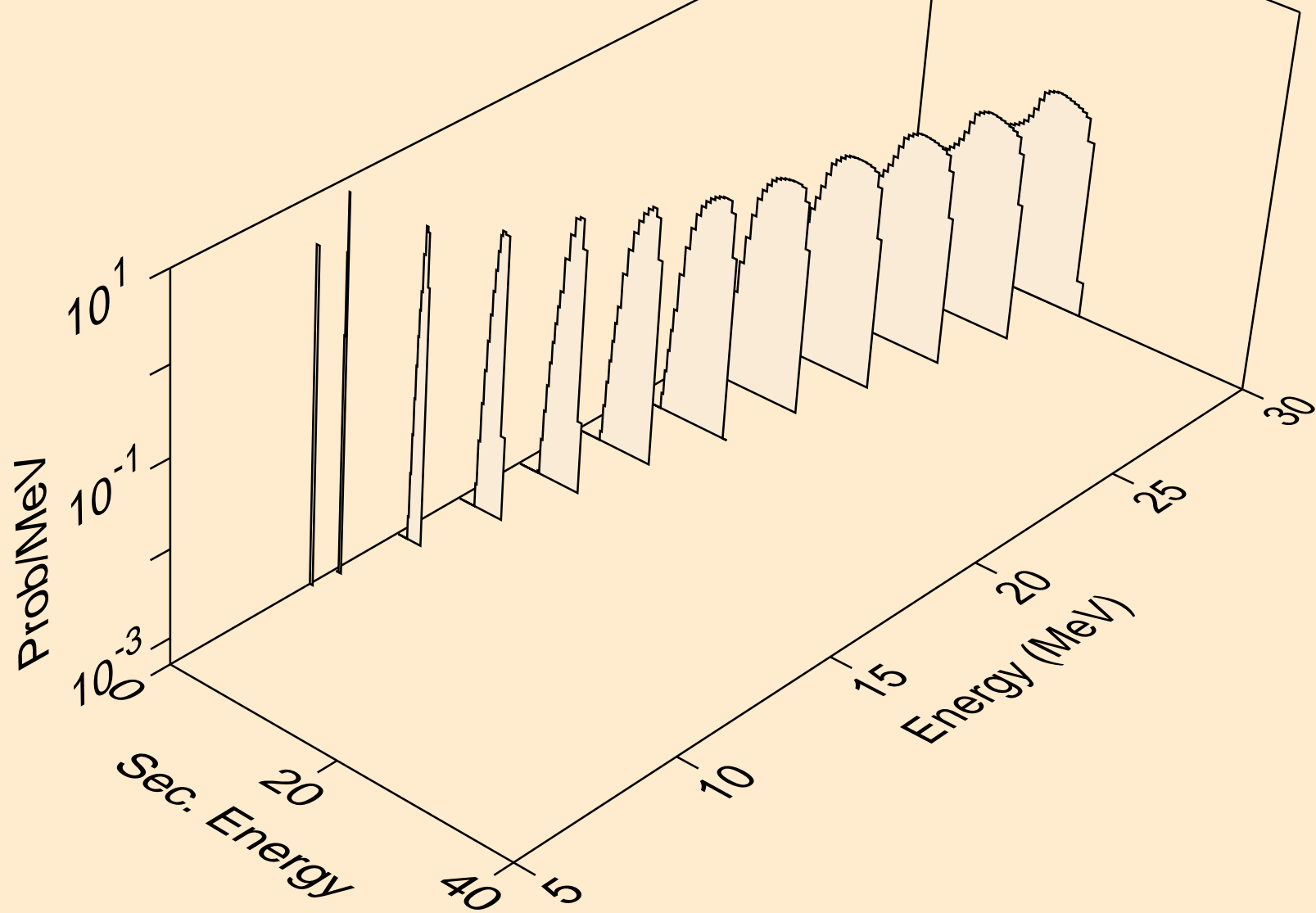


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

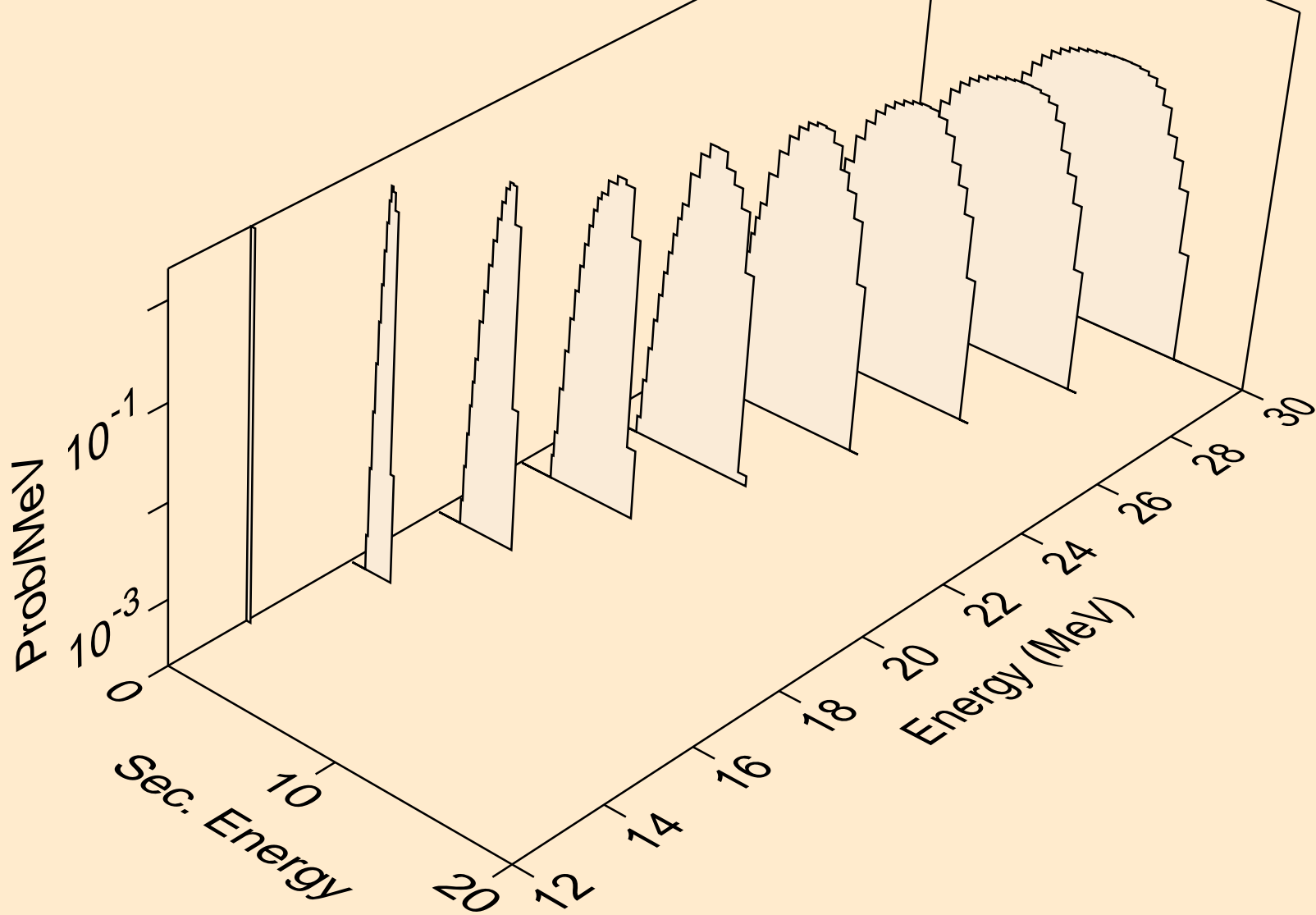




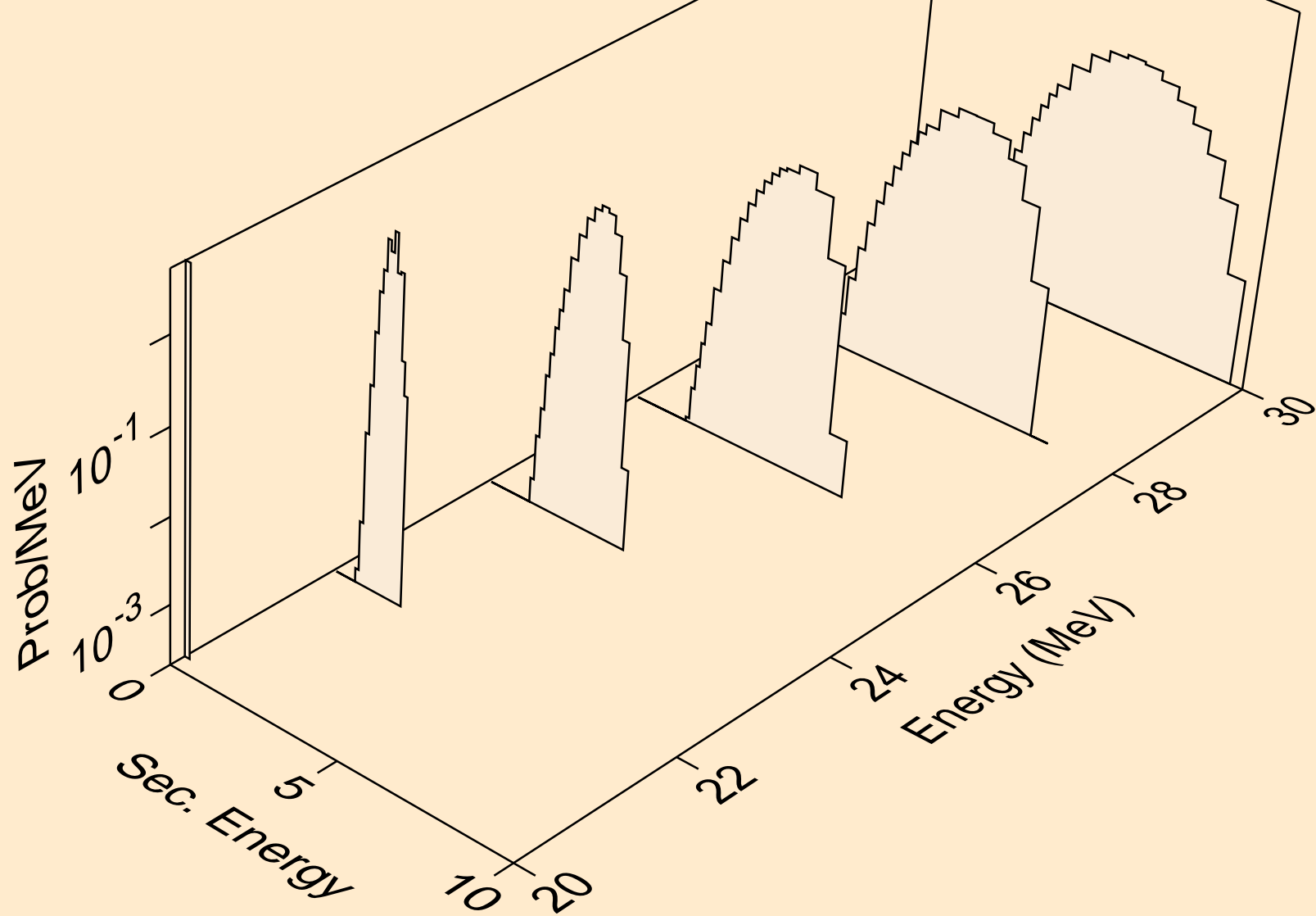
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



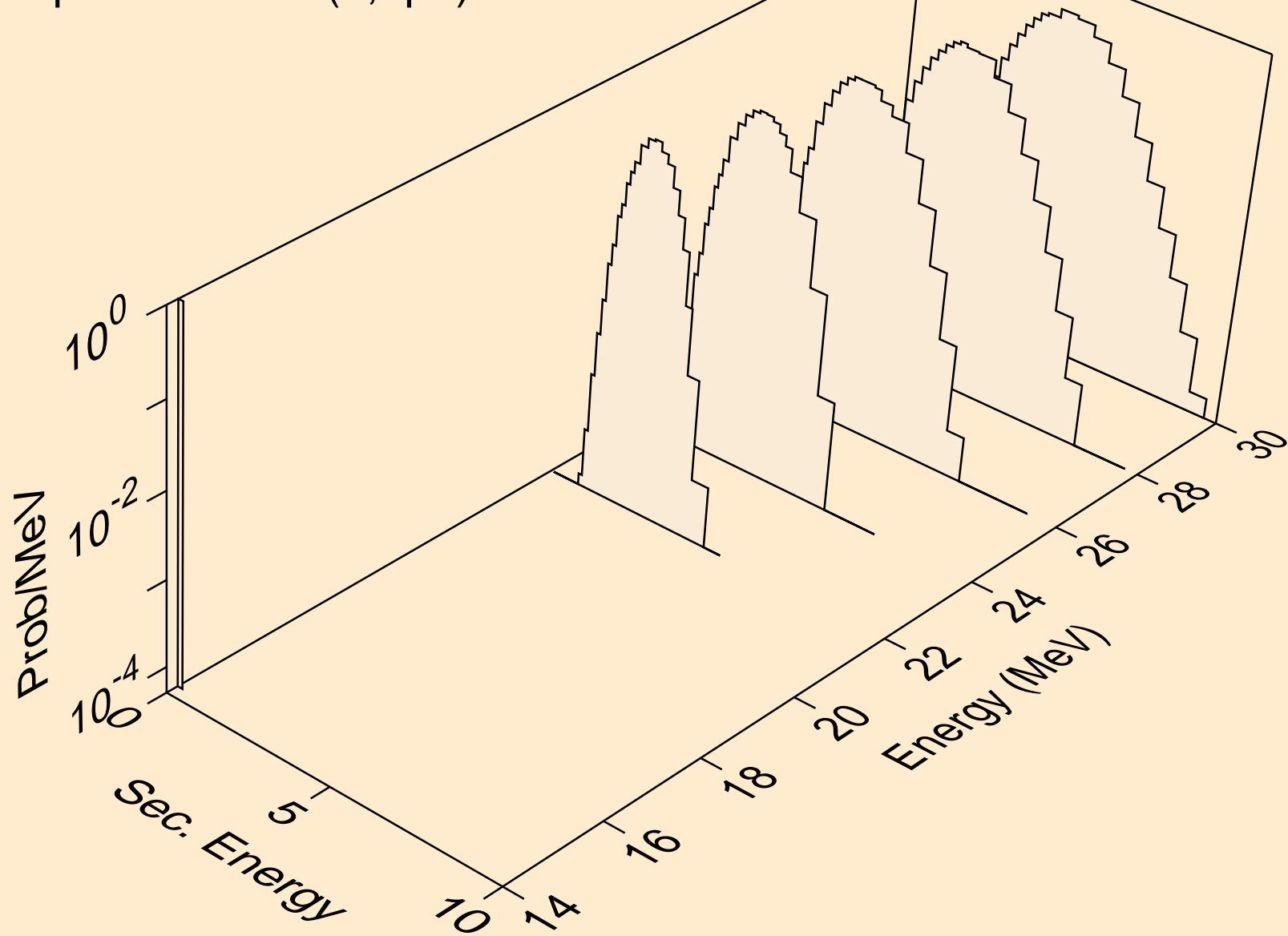
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



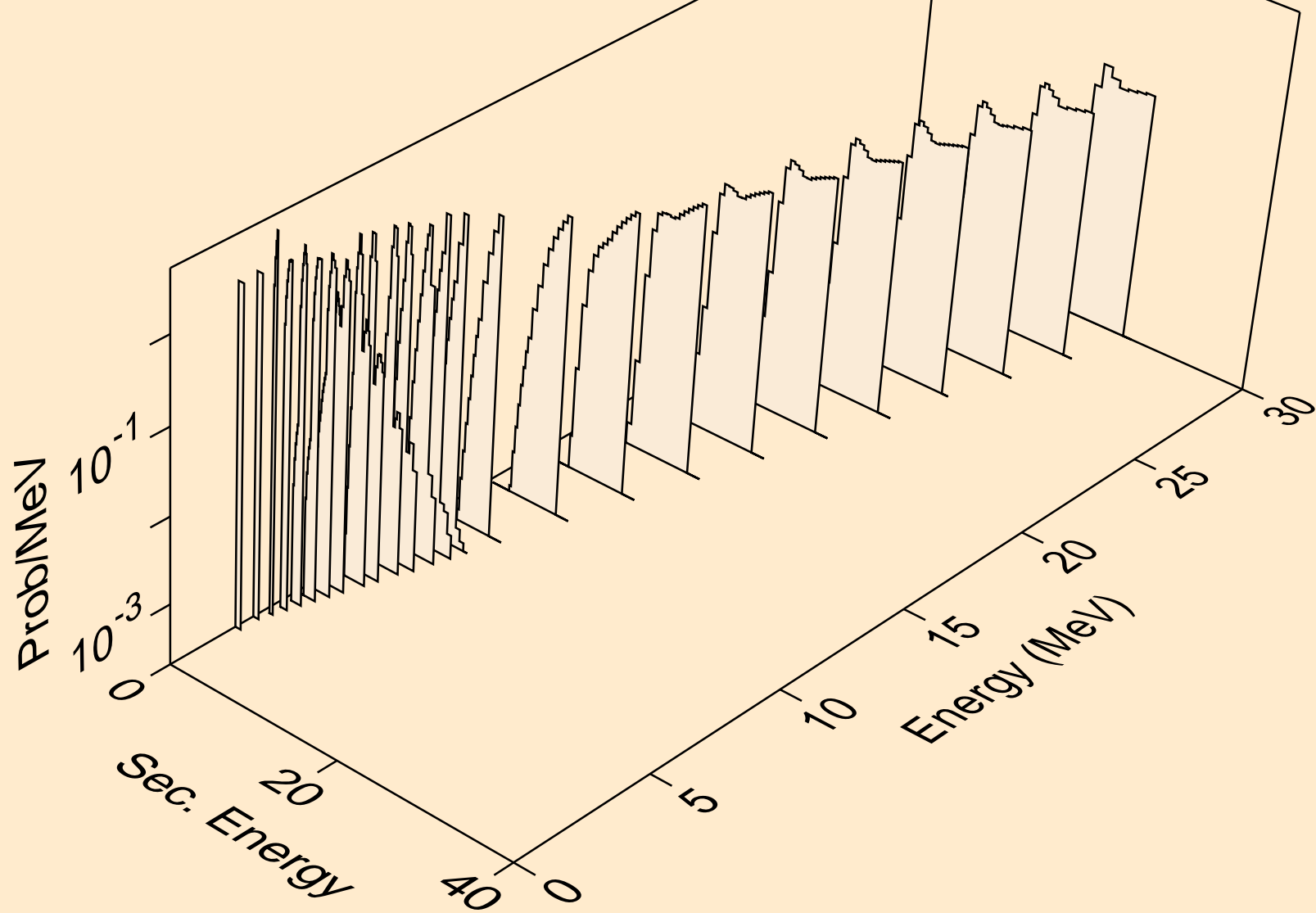
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protons from (n,3np)



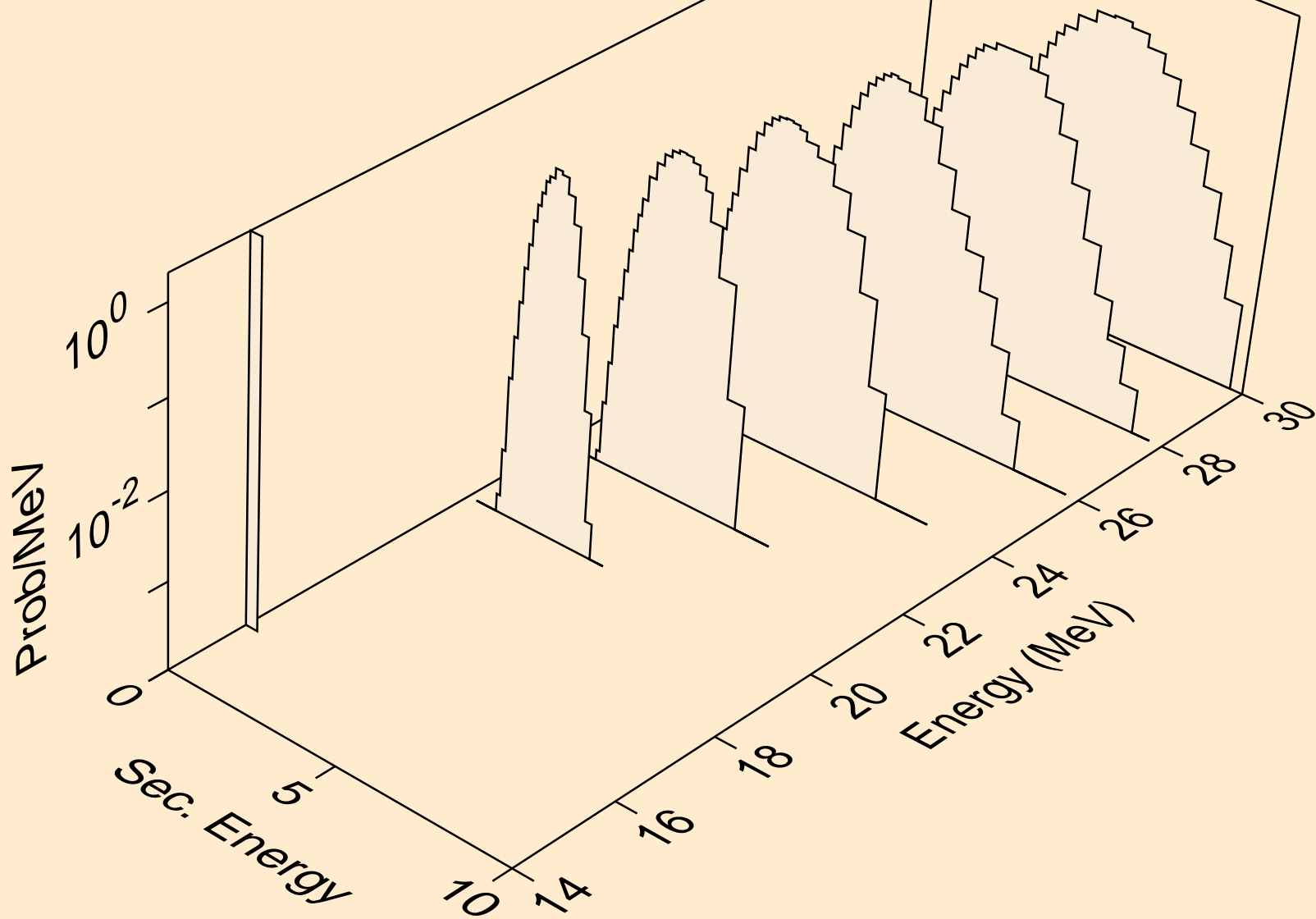
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



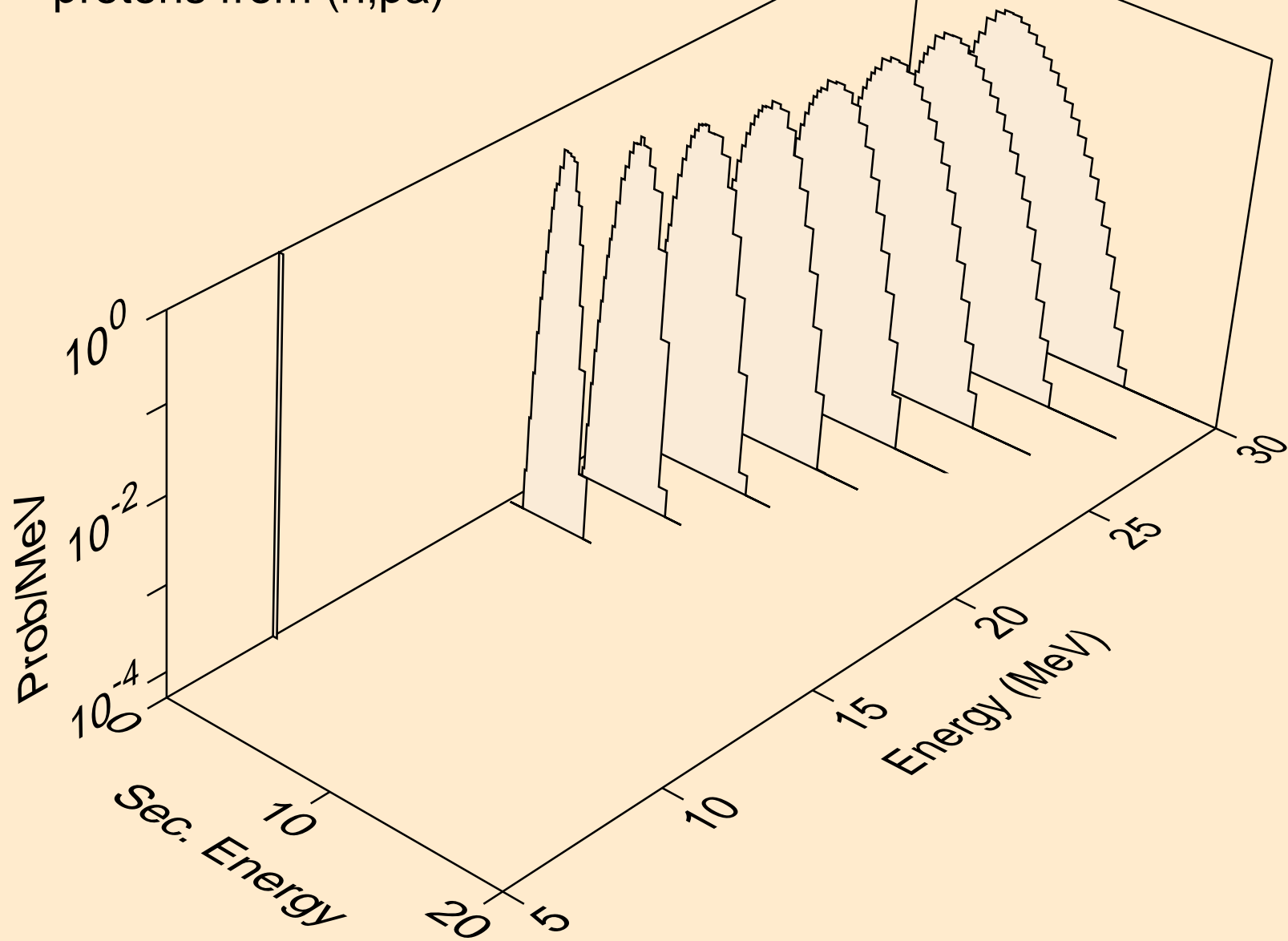
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protons from (n,p)



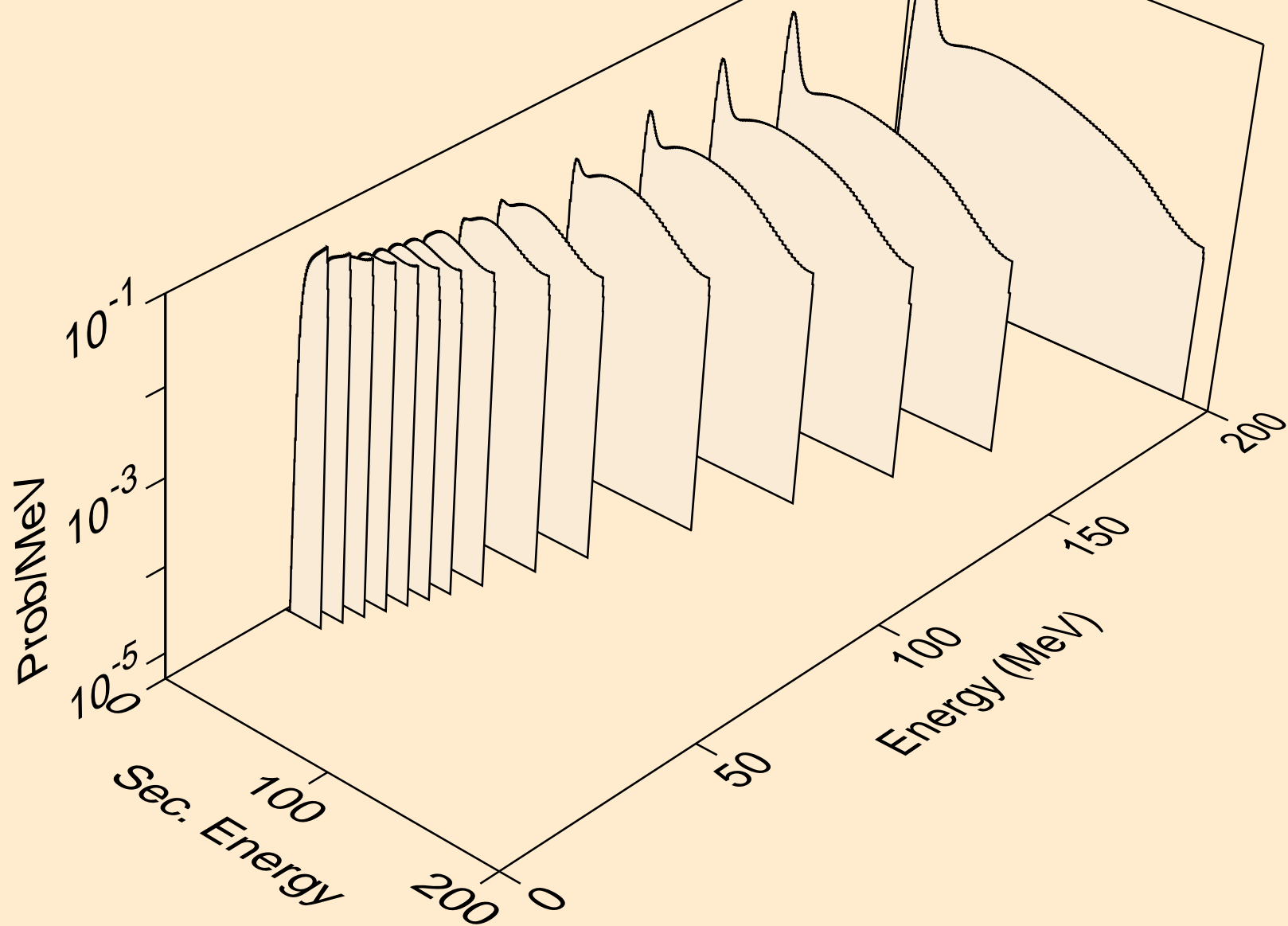
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

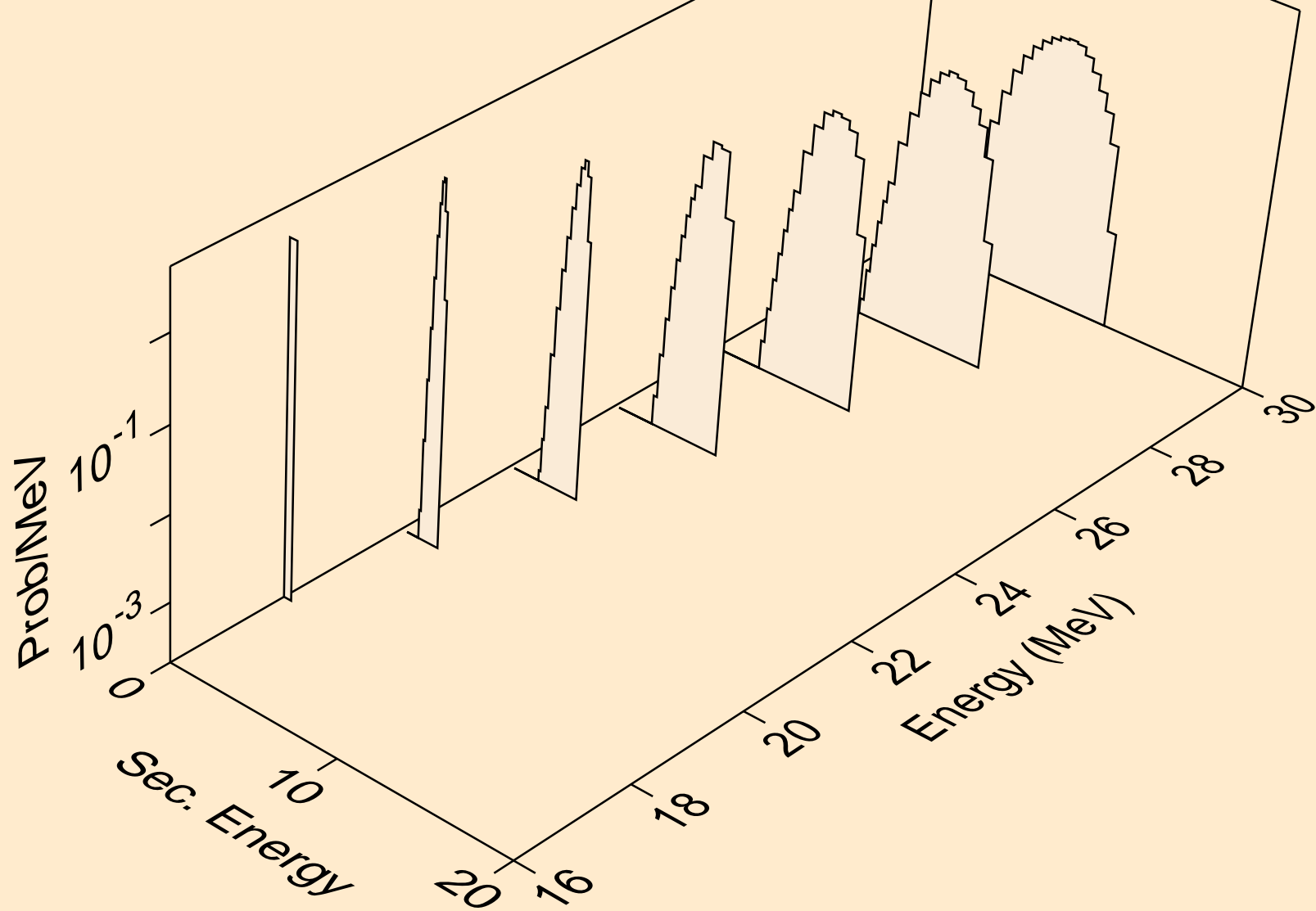


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

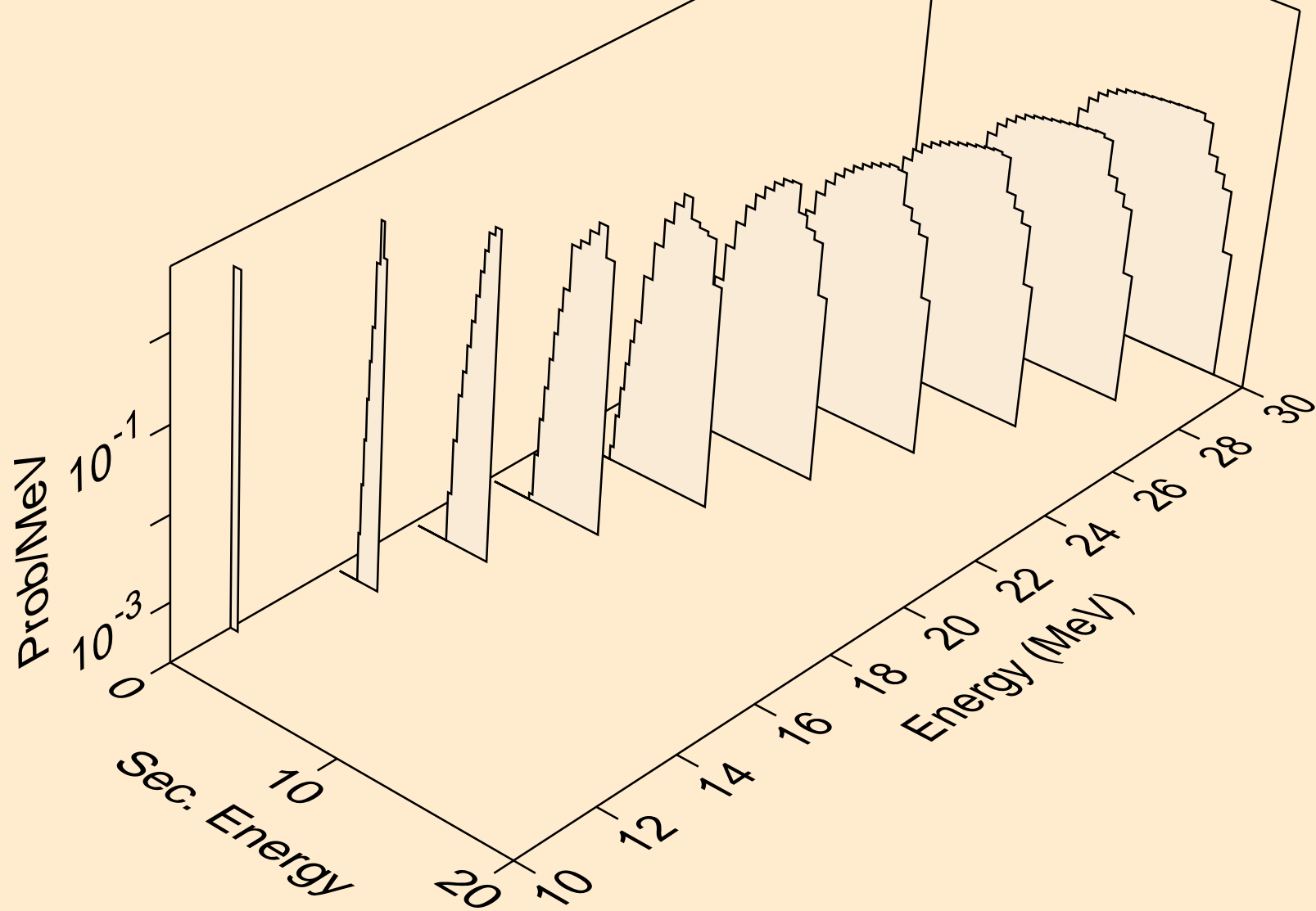




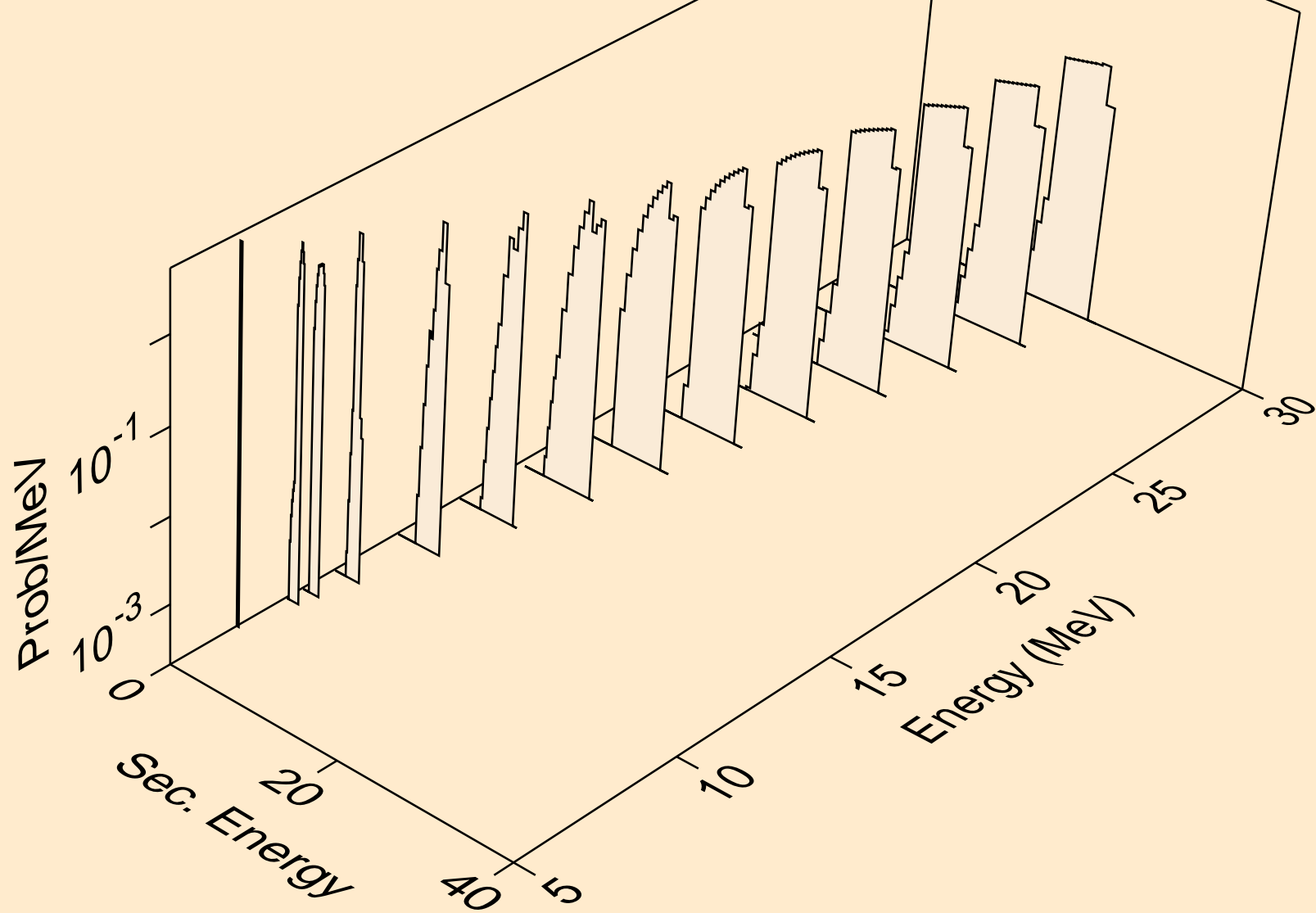
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deuterons from (n,2nd)



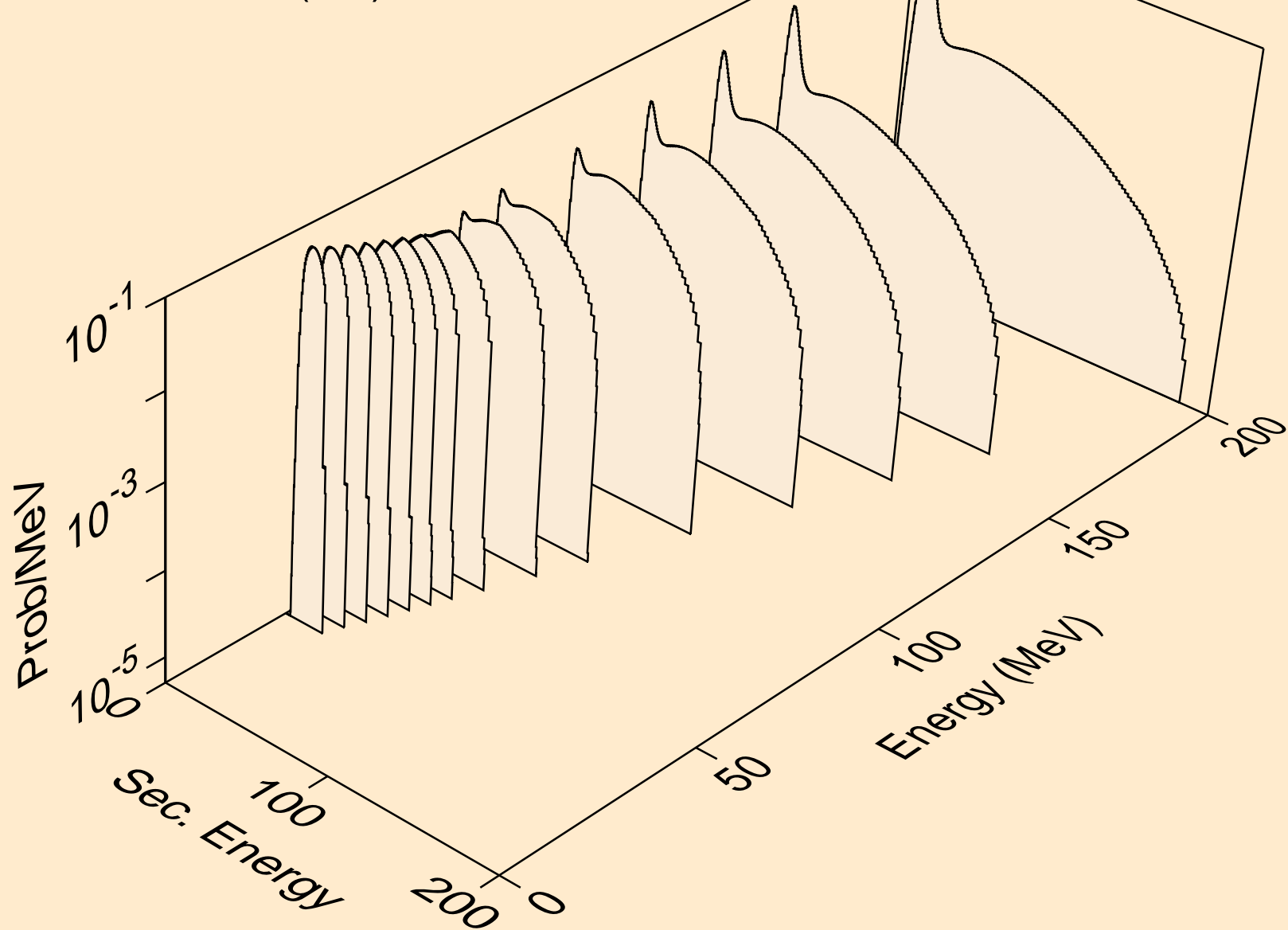
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deuterons from (n,n\*)d



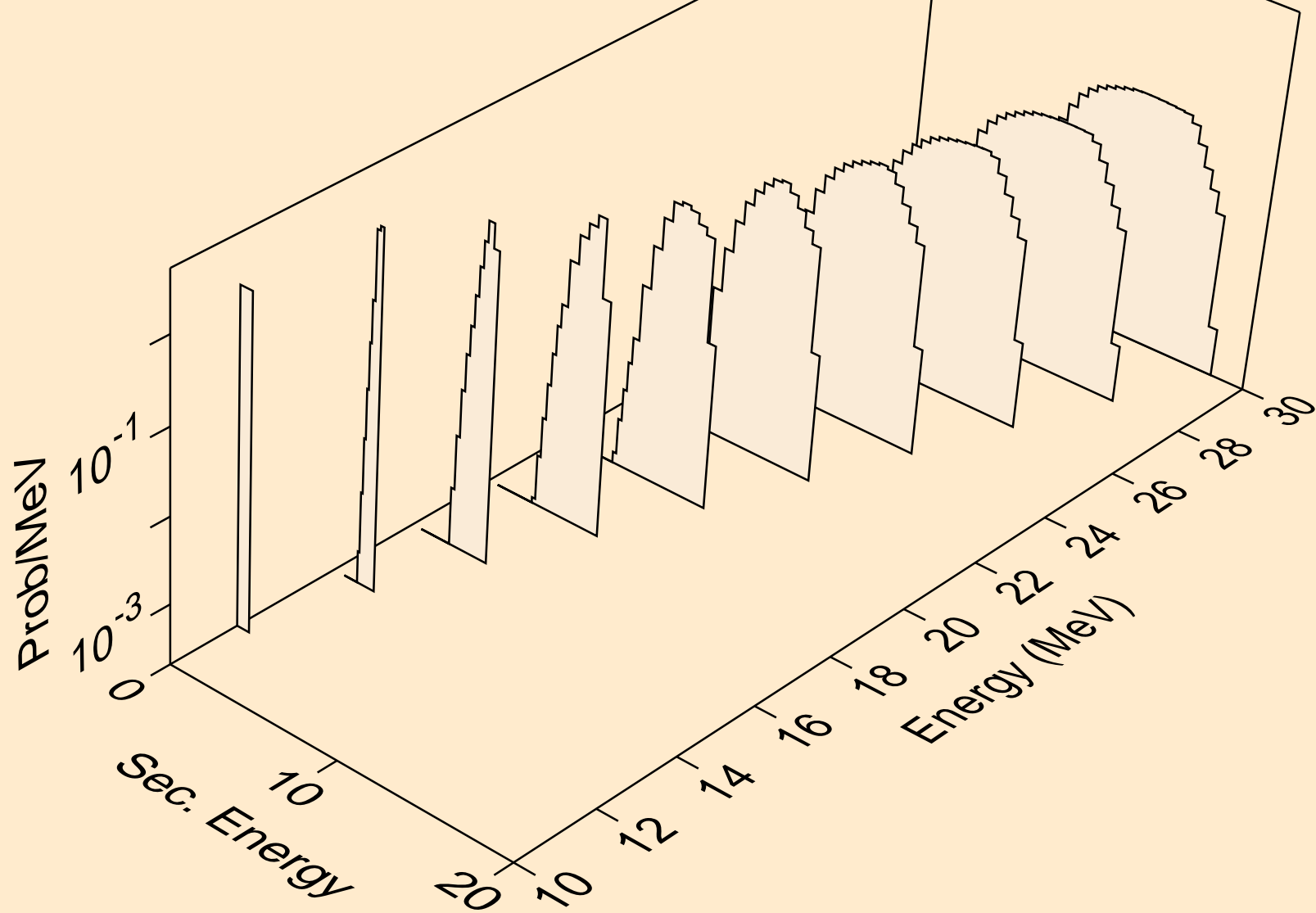
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deuterons from (n,d)



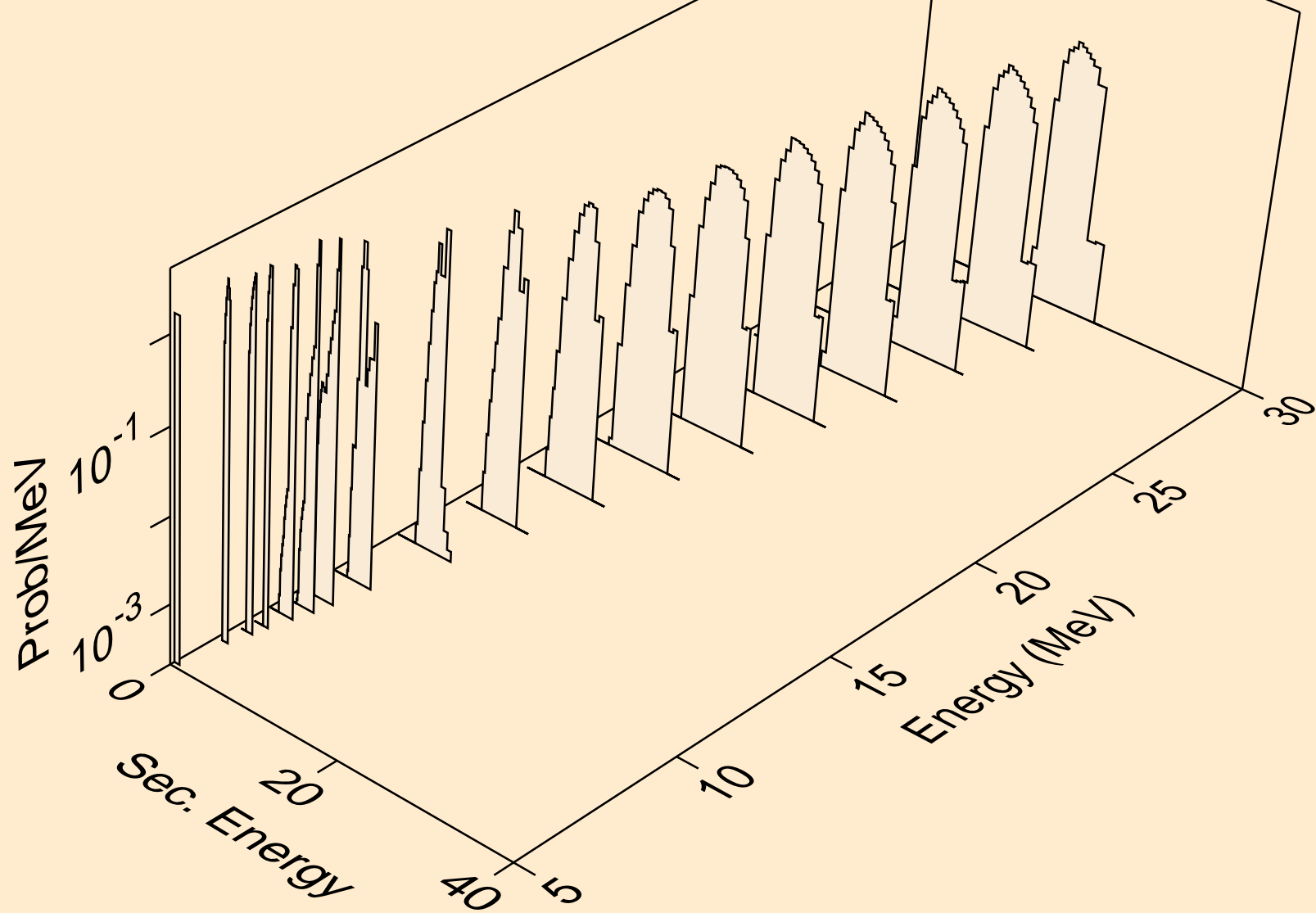
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tritons from (n,x)



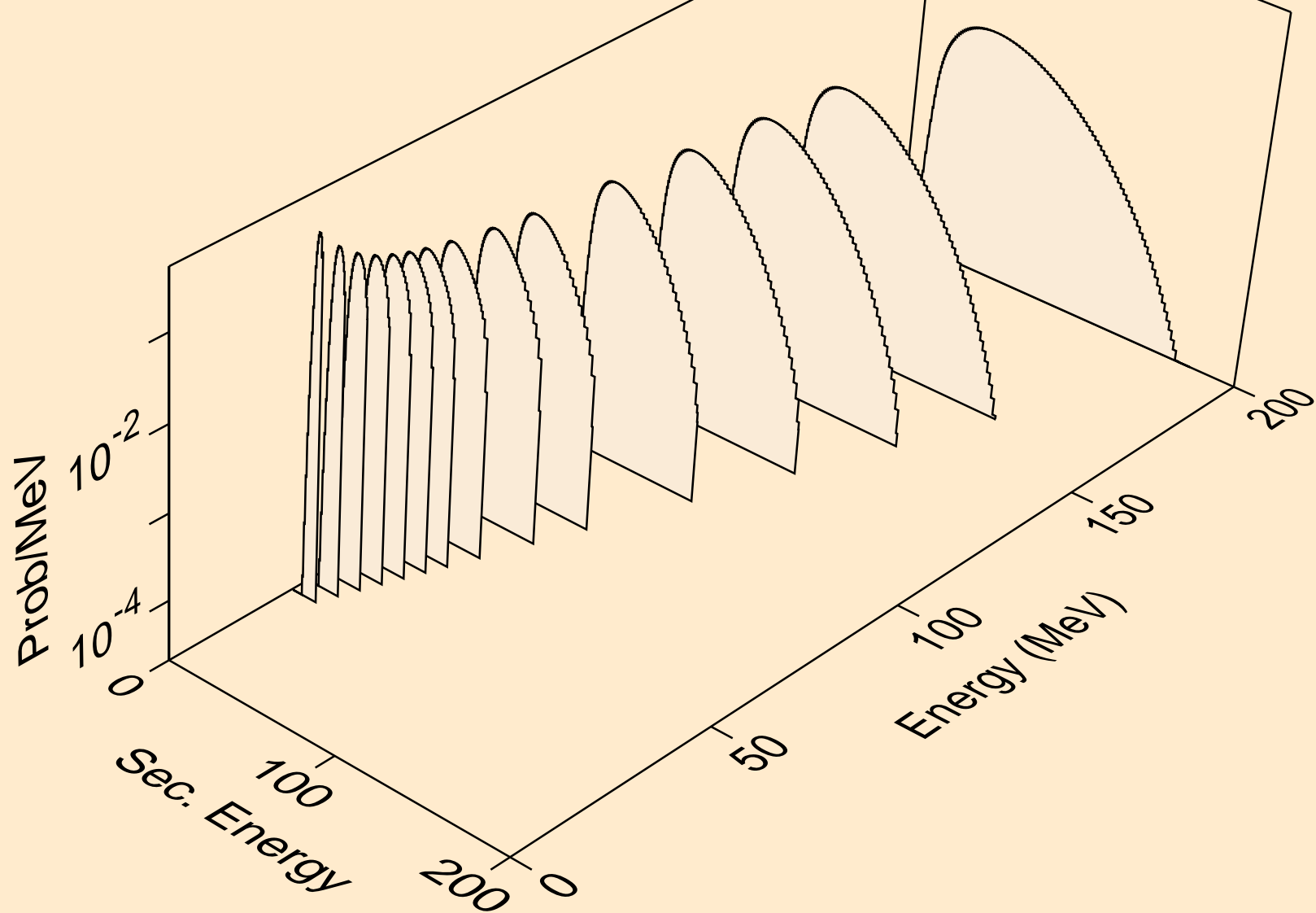
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tritons from (n,n\*)t



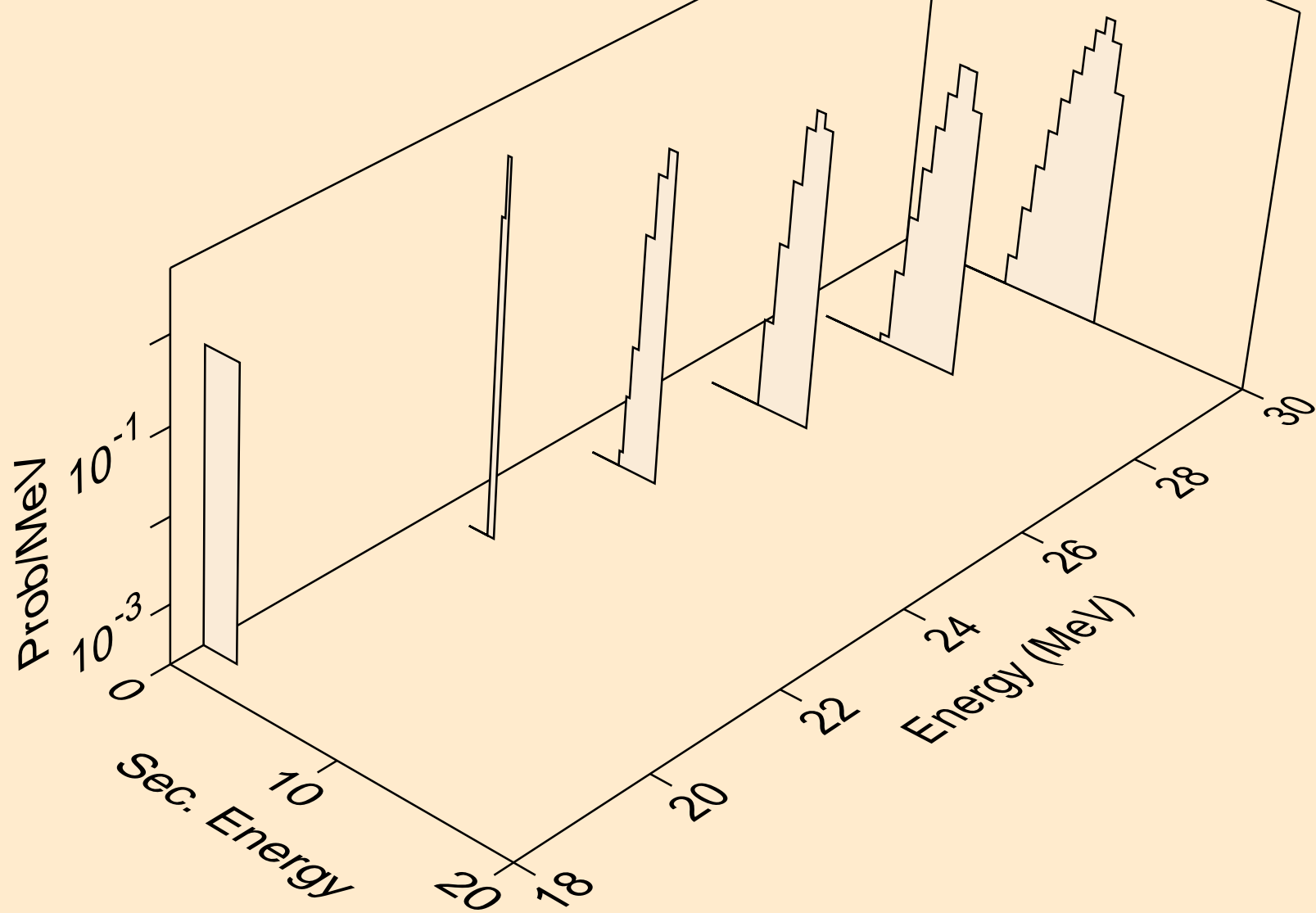
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tritons from (n,t)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

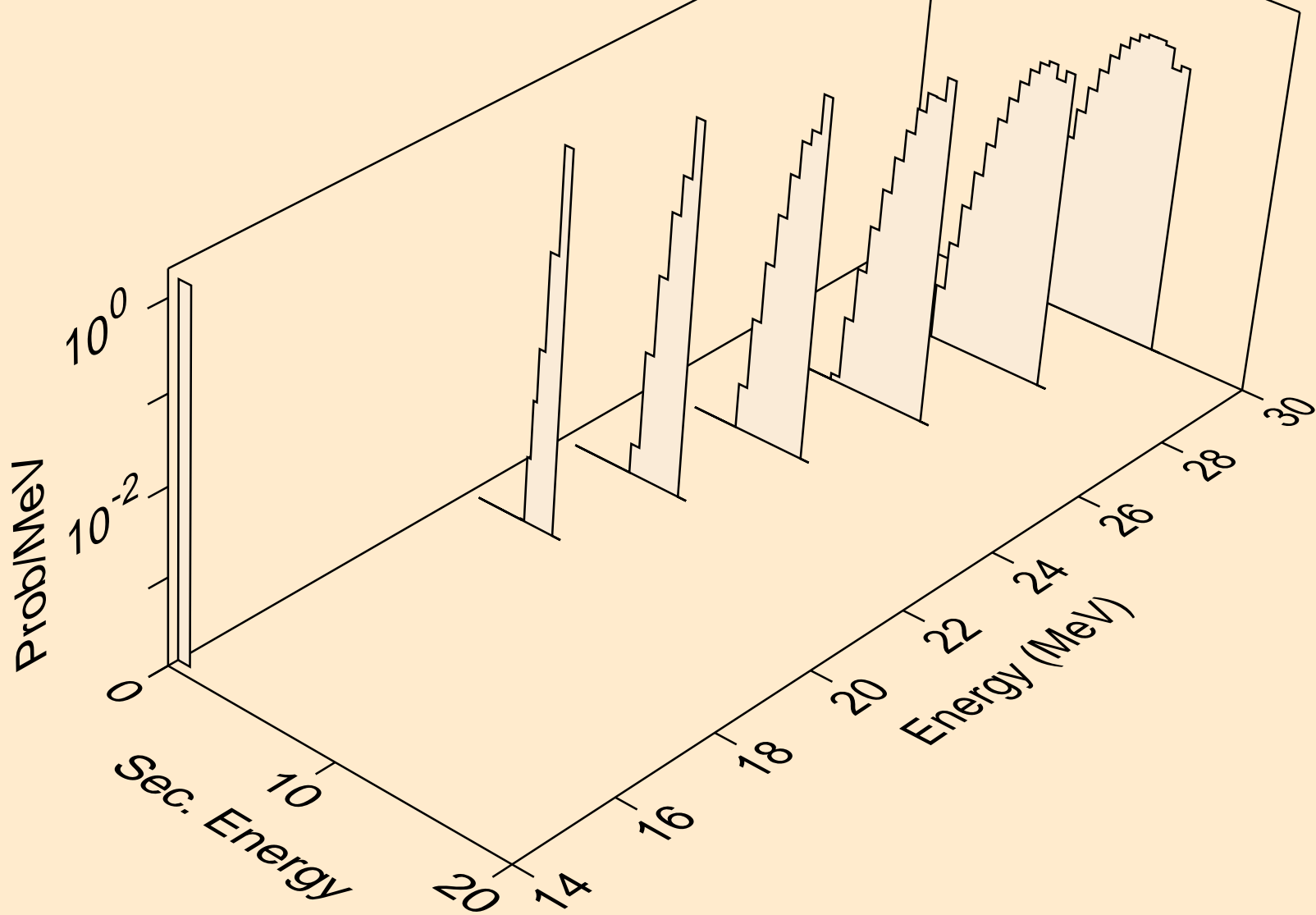


NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

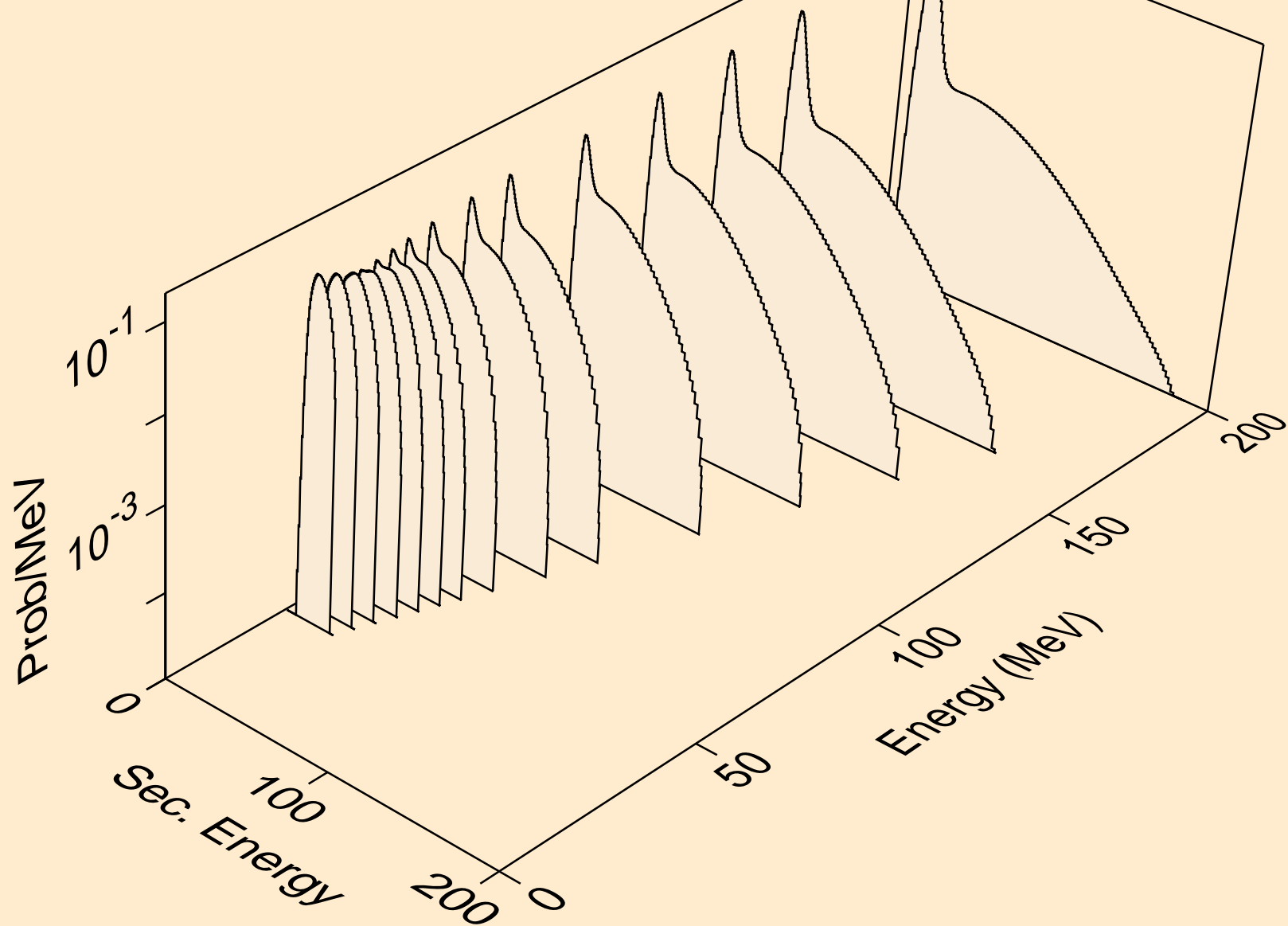




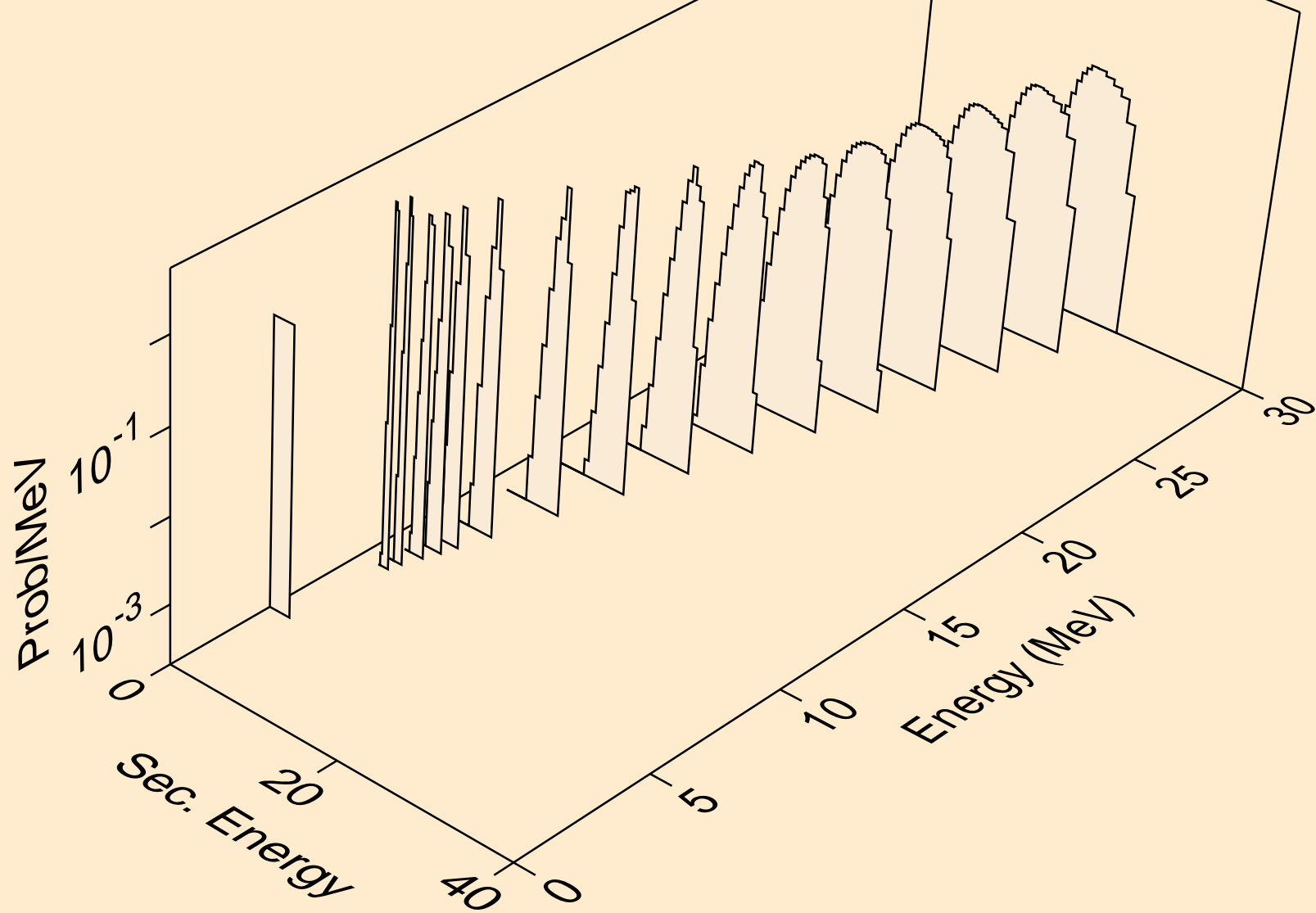
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he3s from (n,he3)



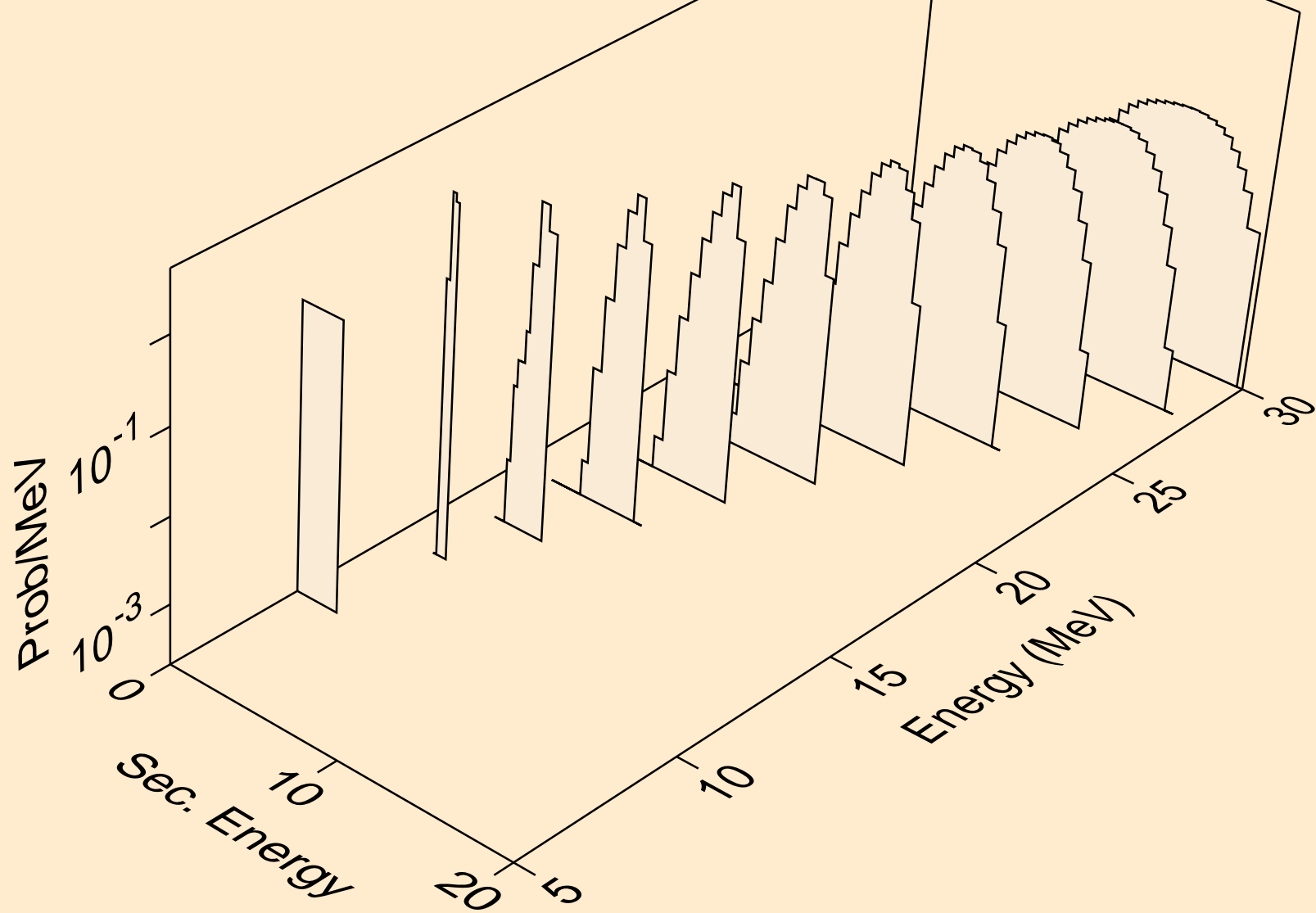
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alphas from (n,x)



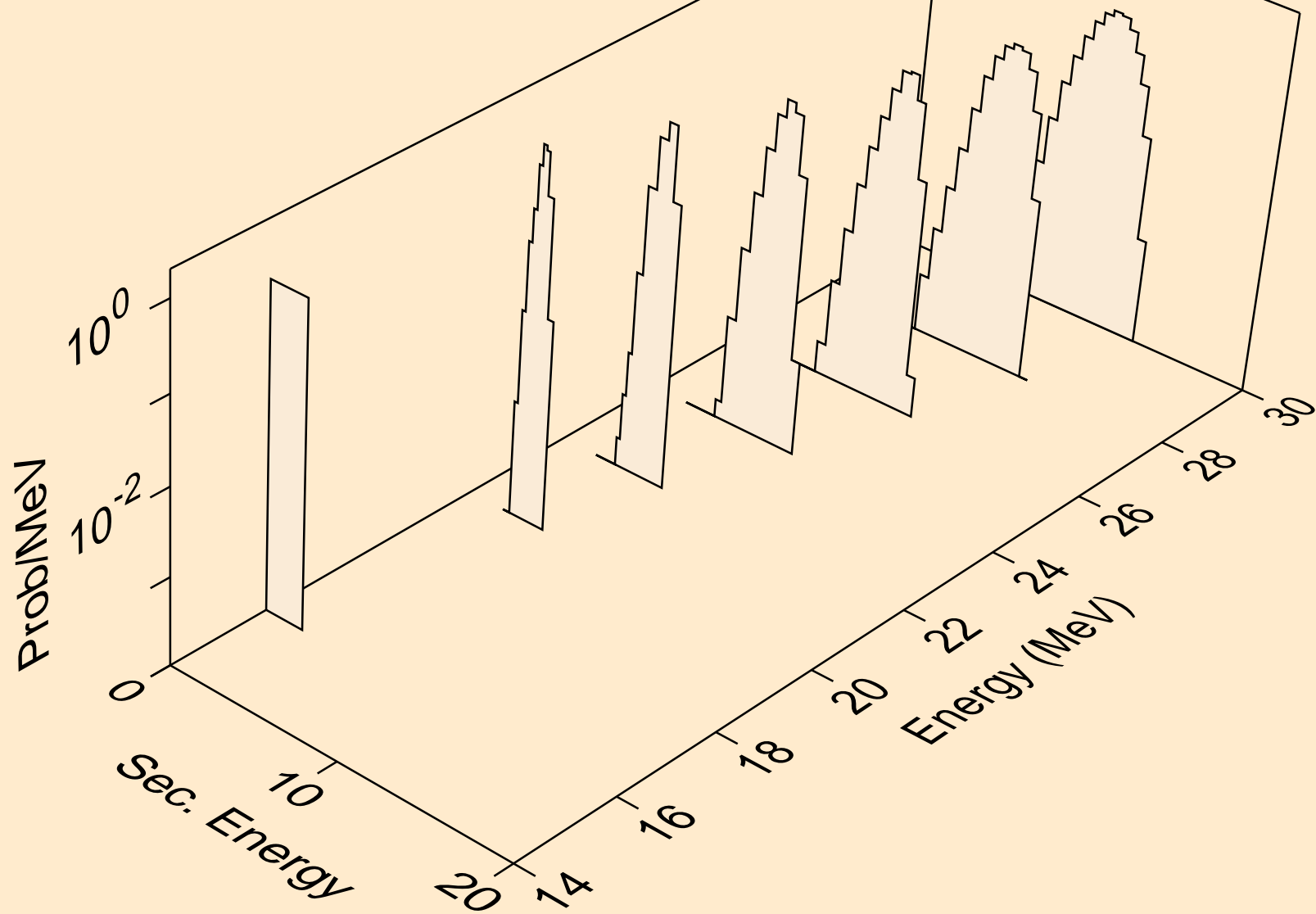
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alphas from (n,n\*)a



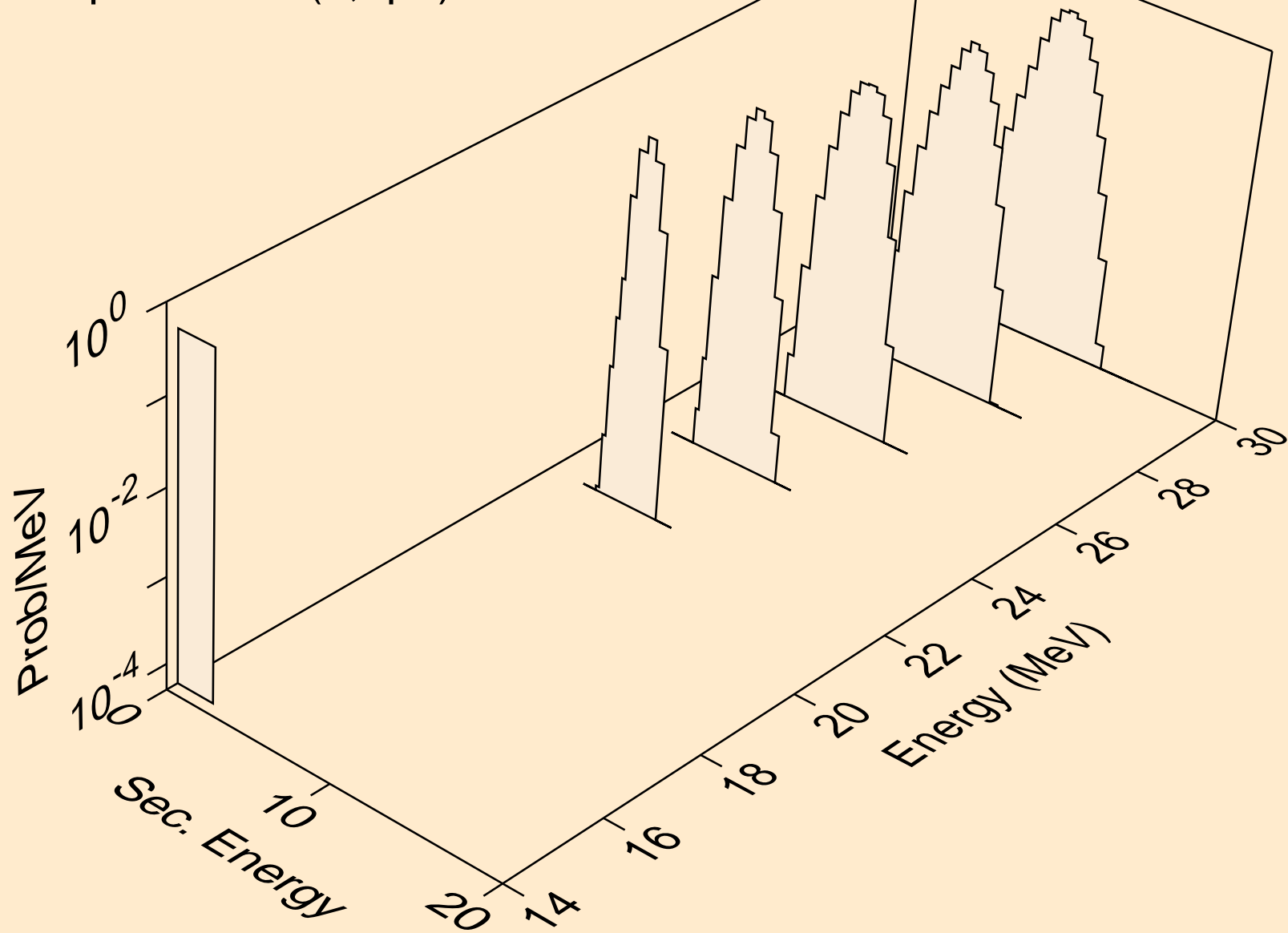
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alphas from (n,2n)a



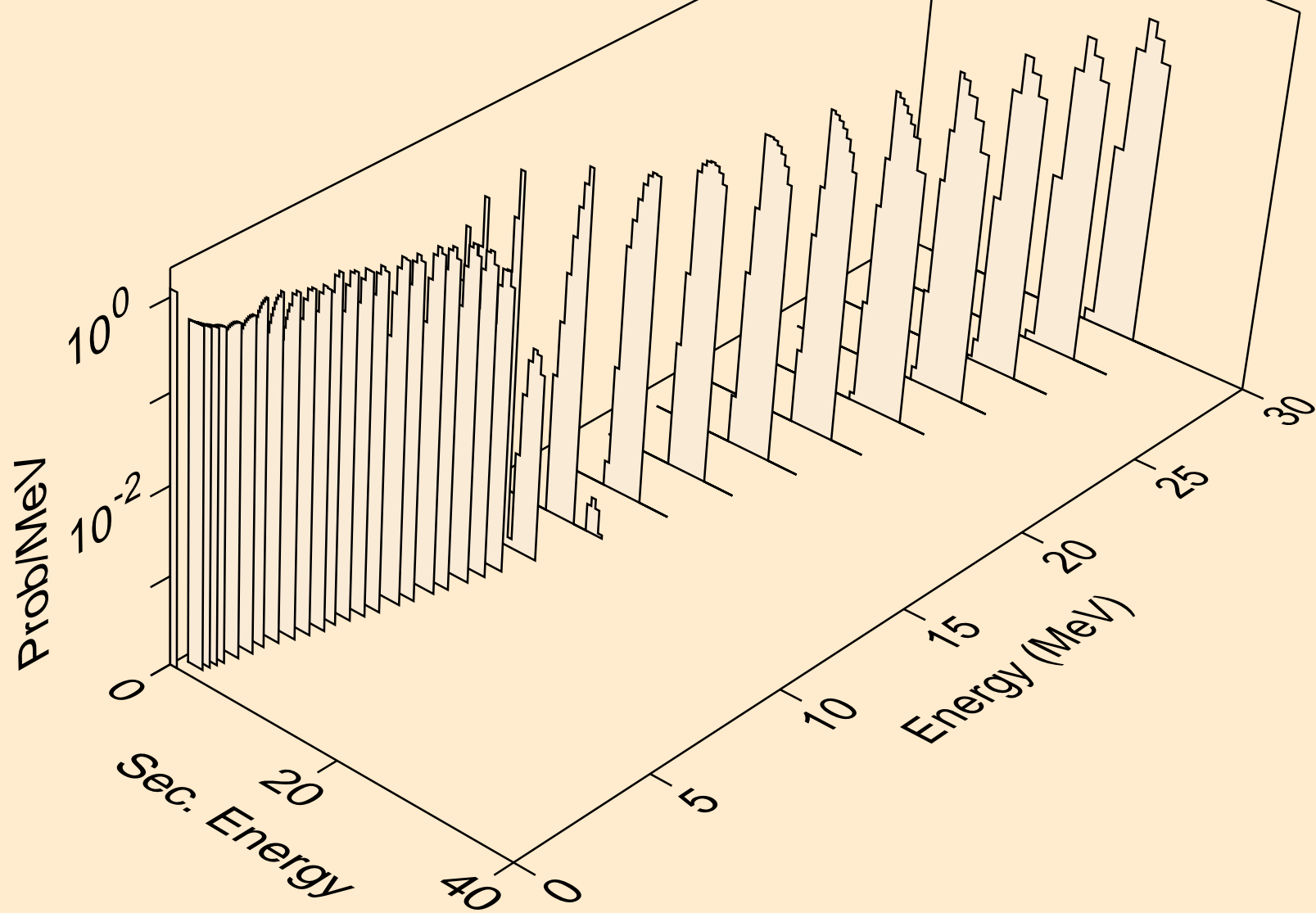
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alphas from (n,3n)a



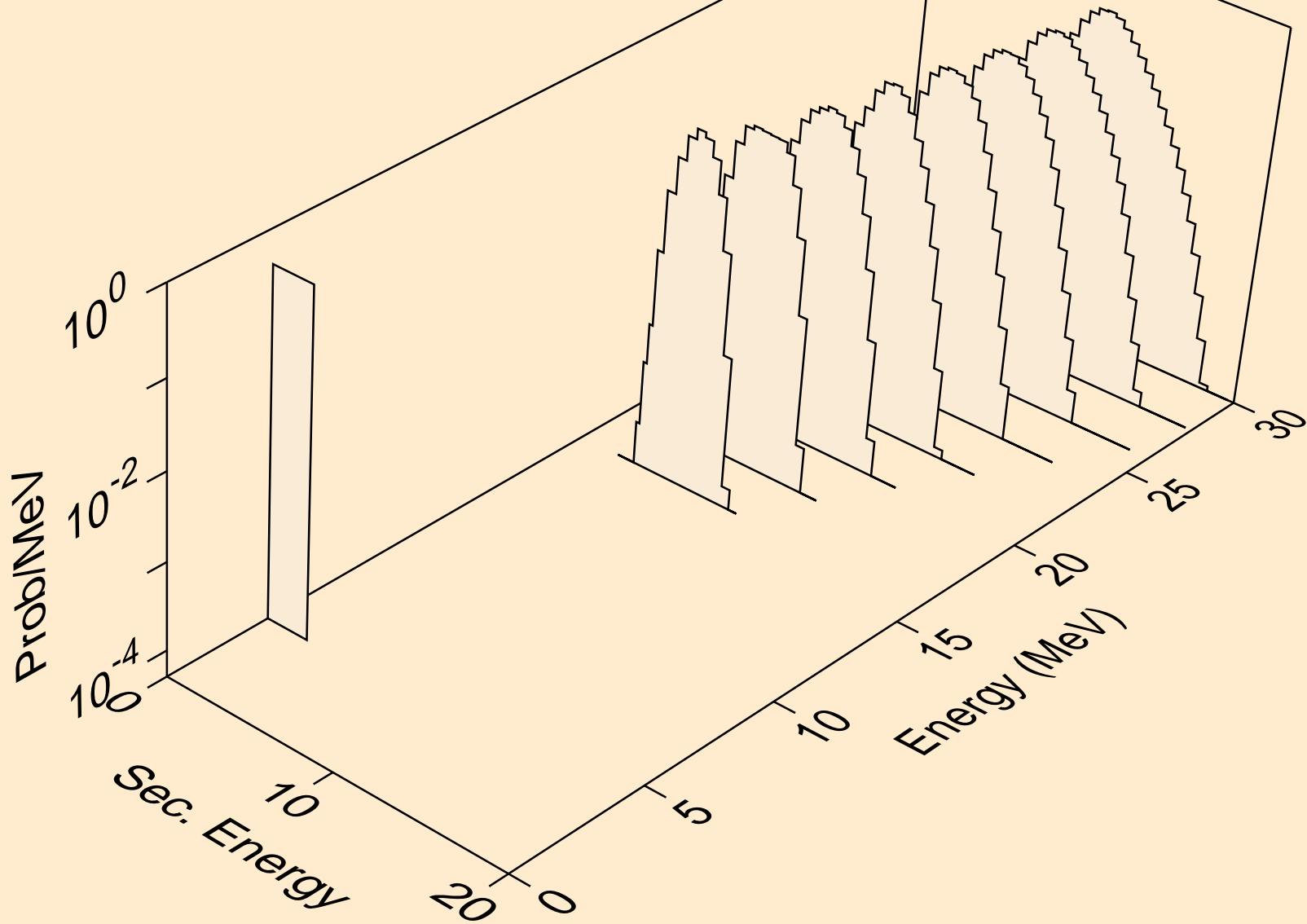
NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)





NB100M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

