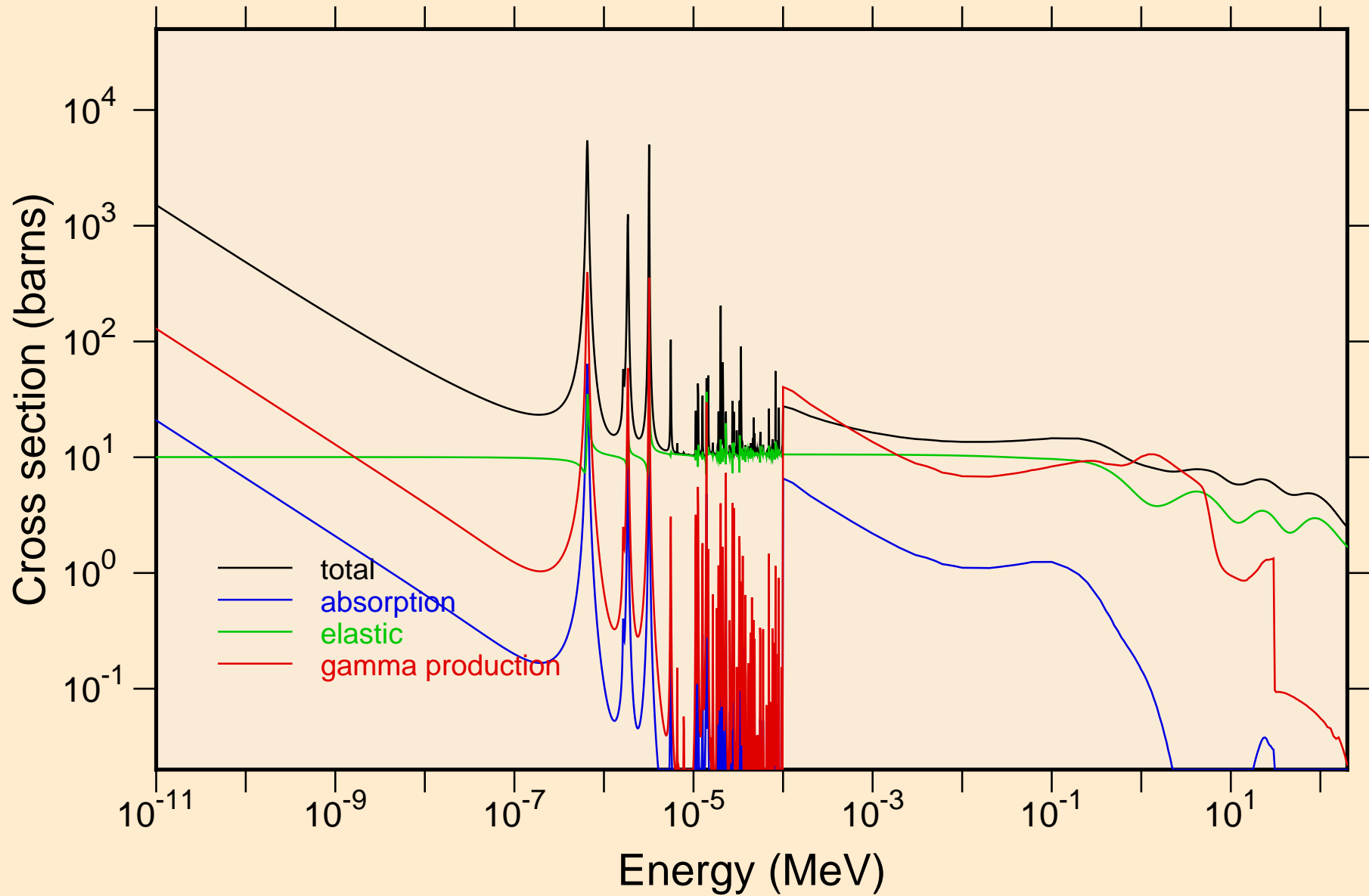
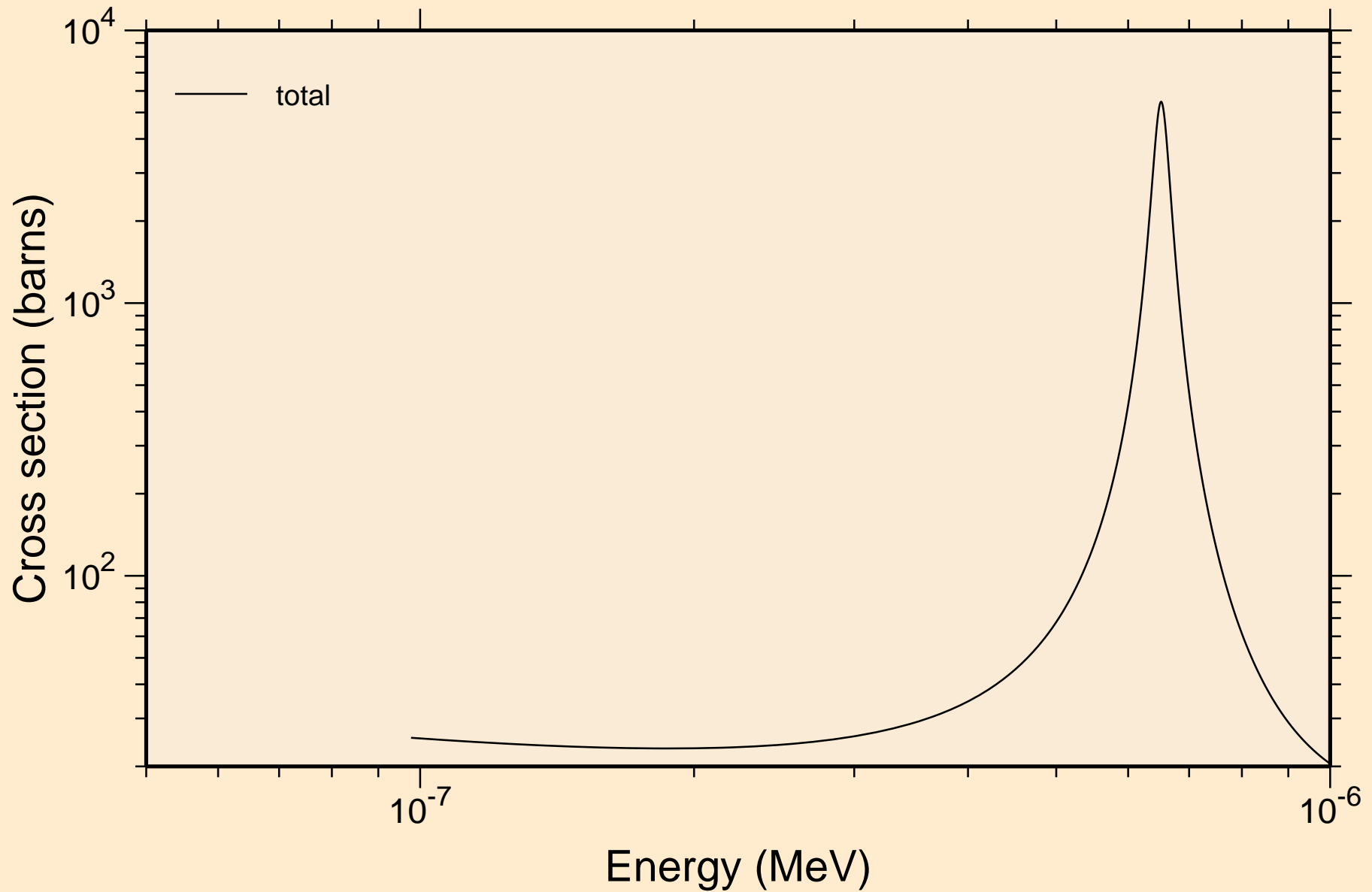


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

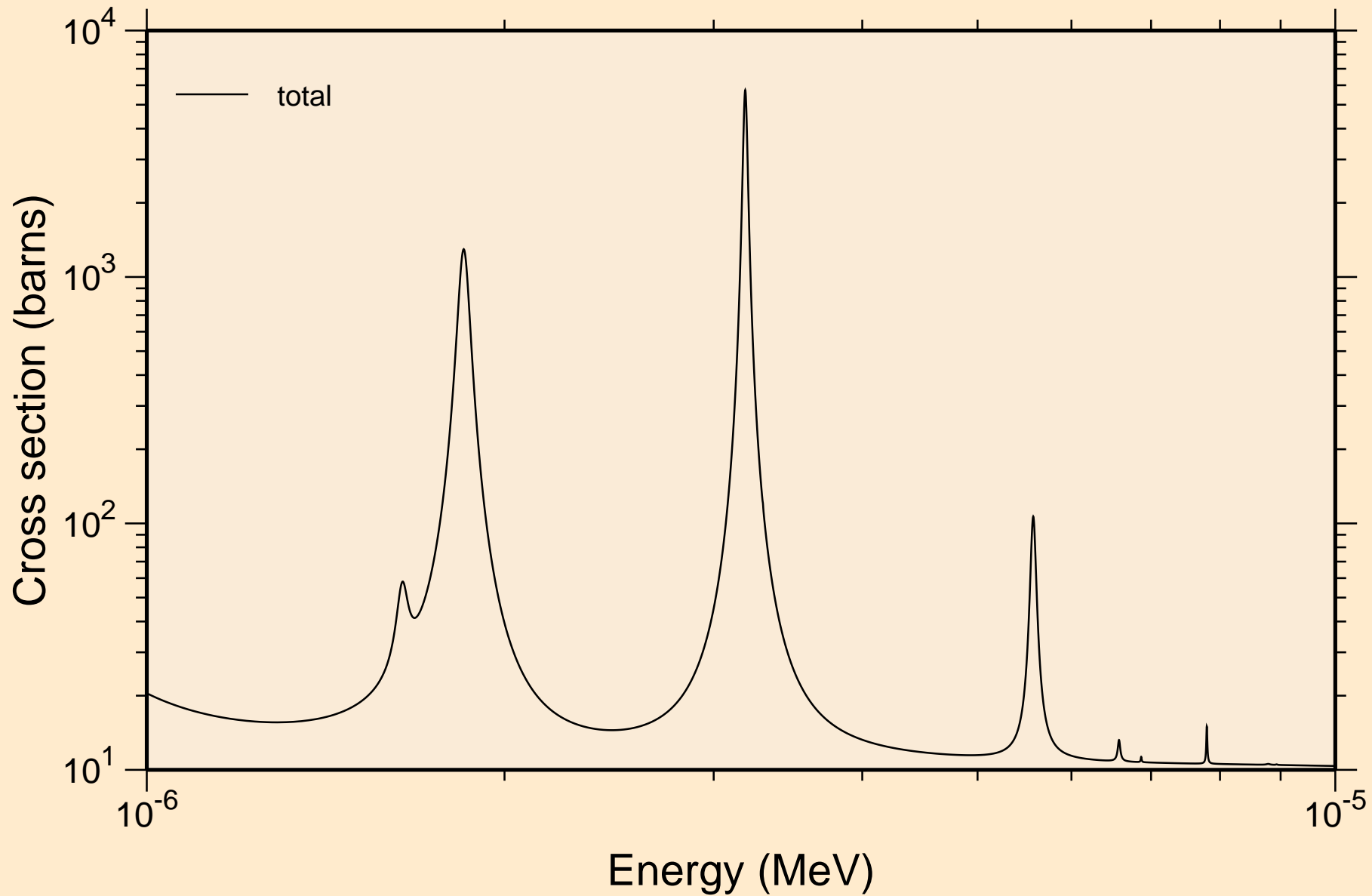
## Principal cross sections



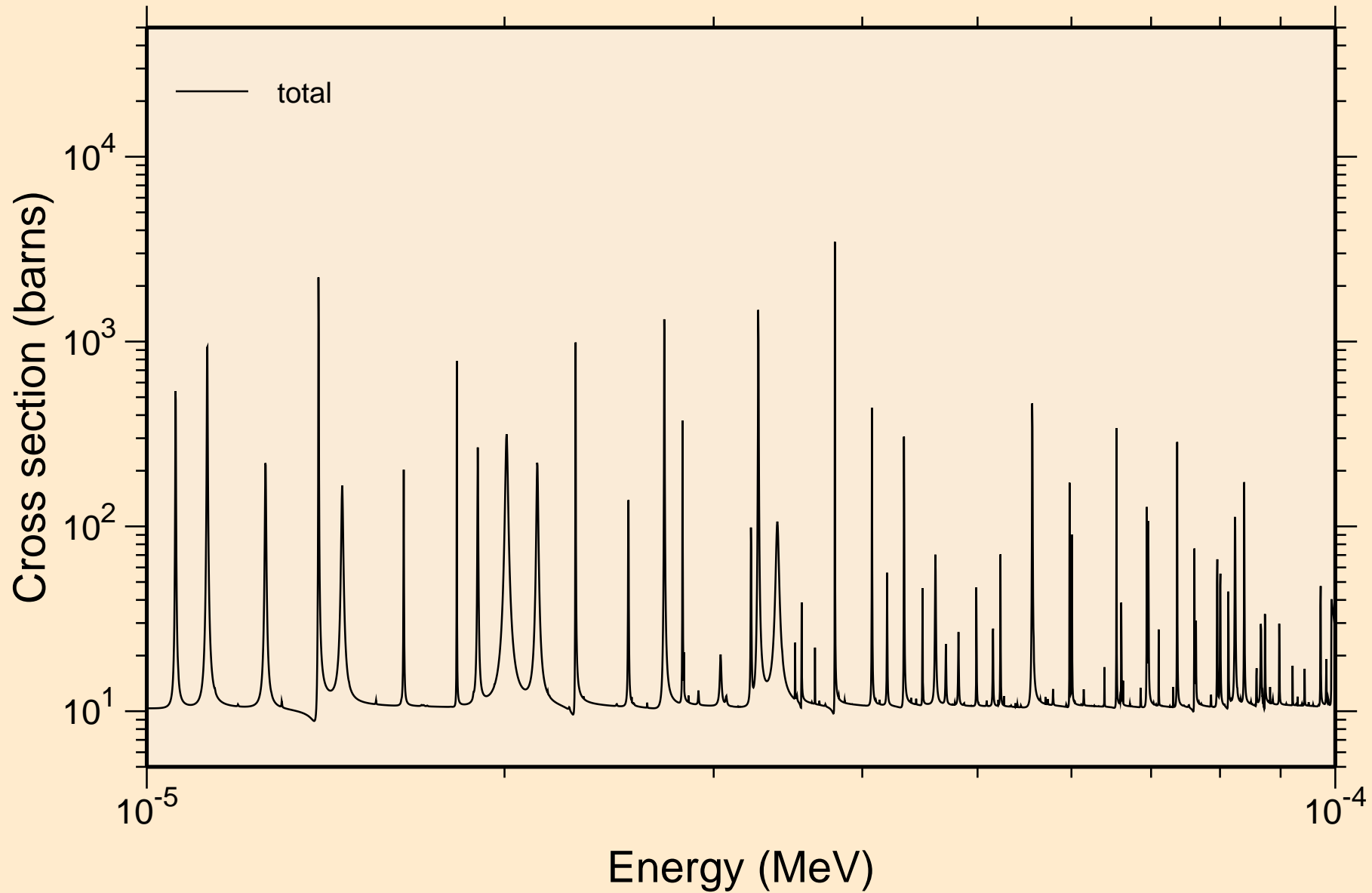
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



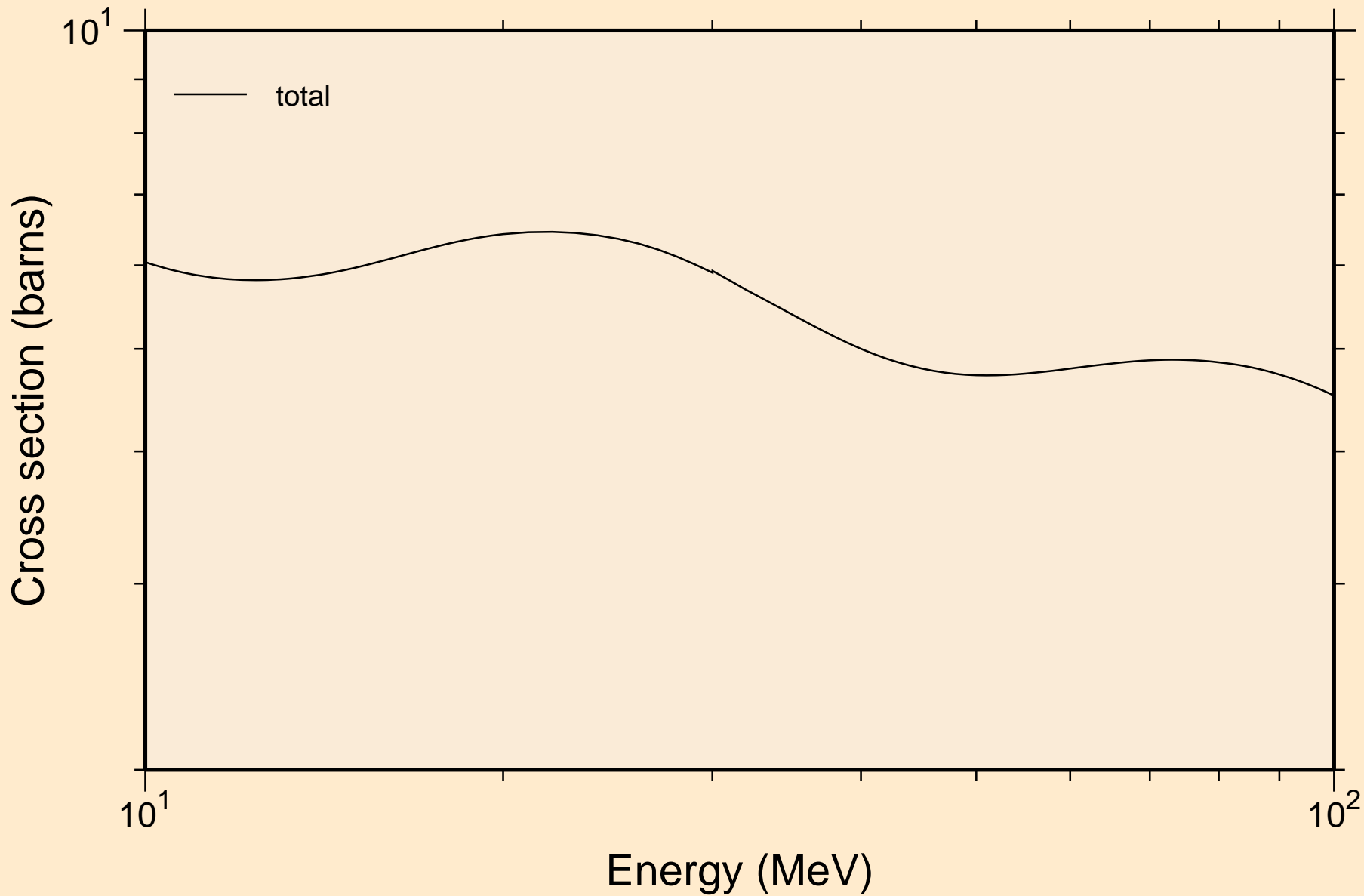
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



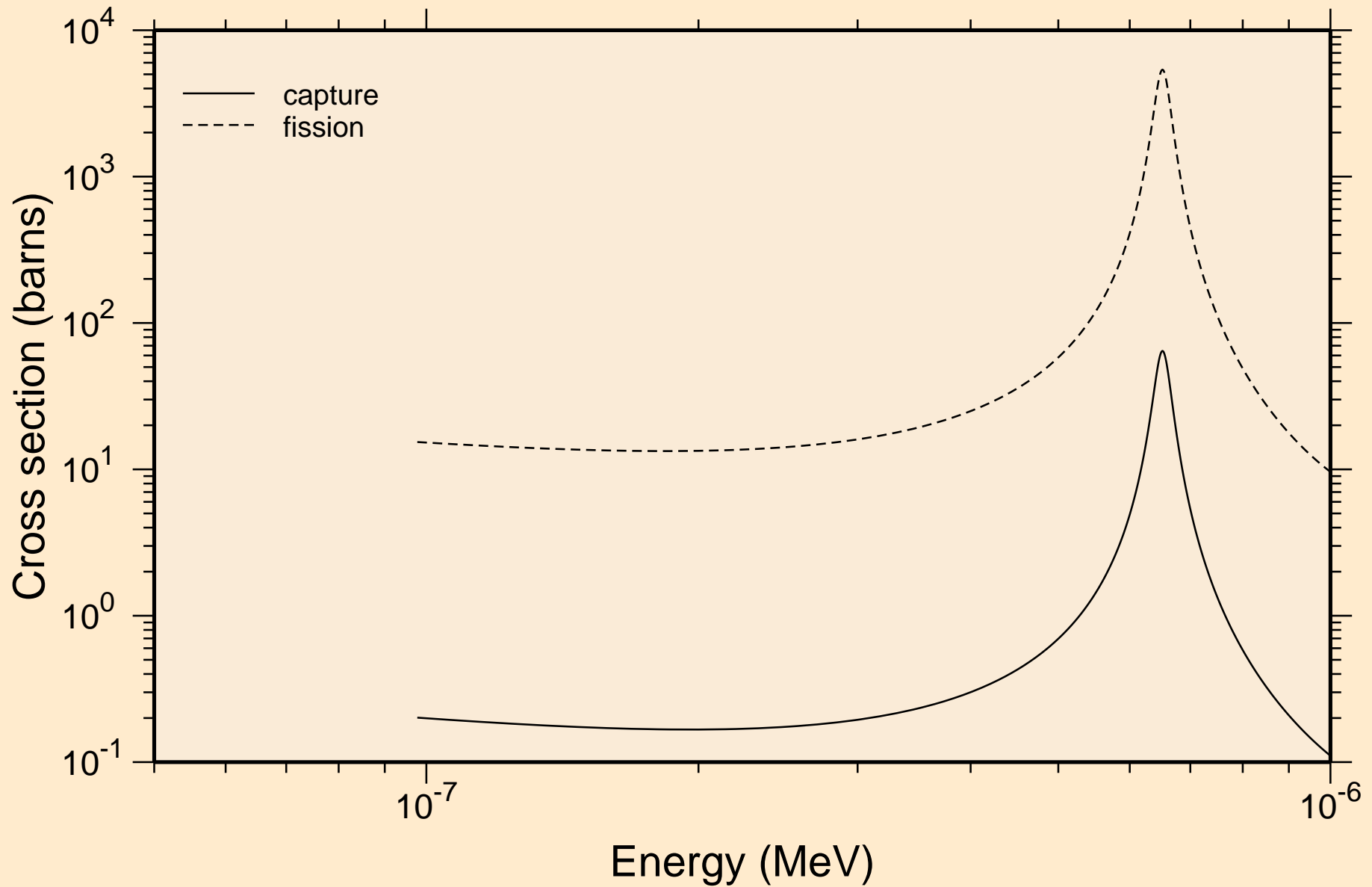
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

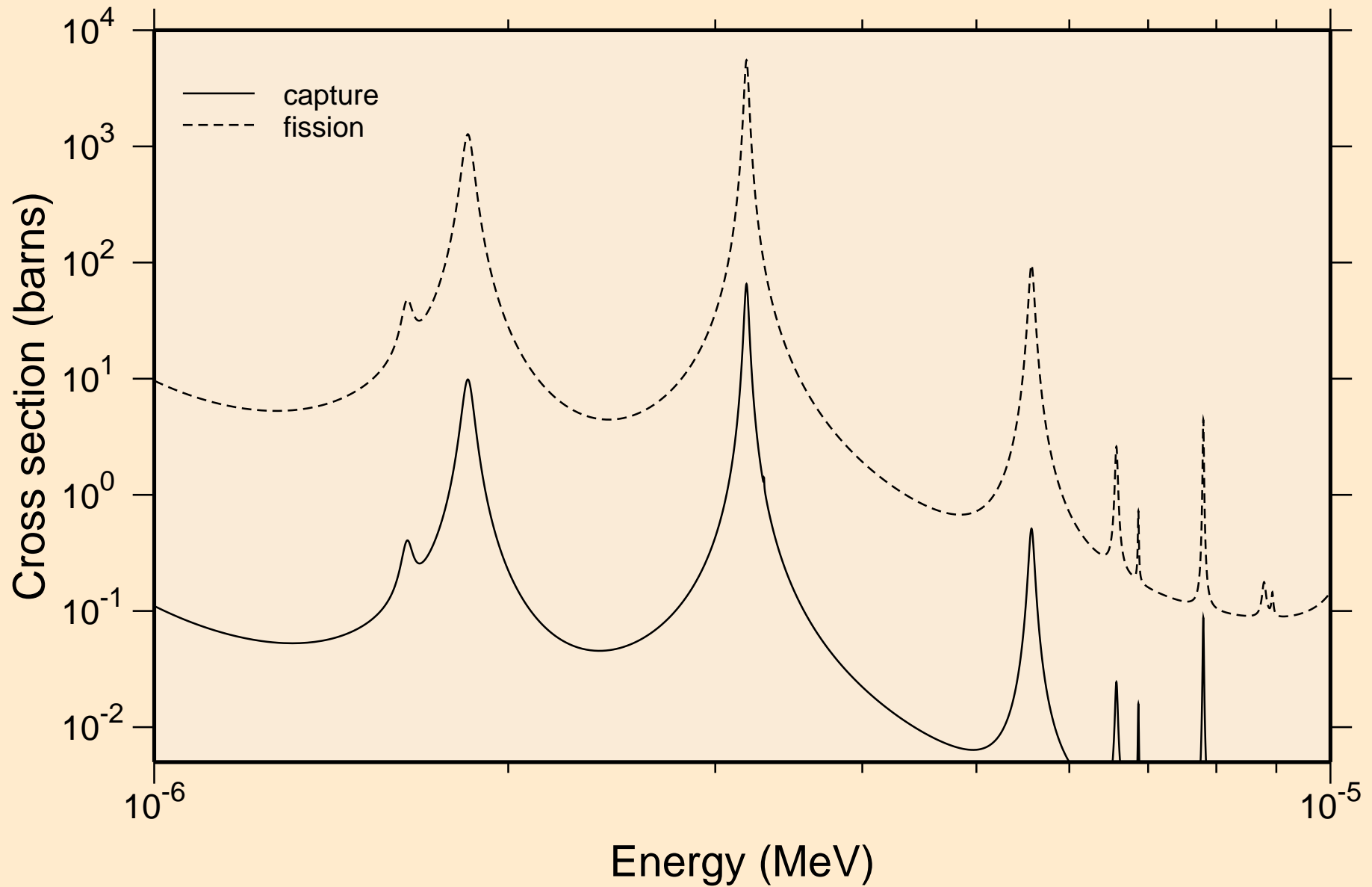


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

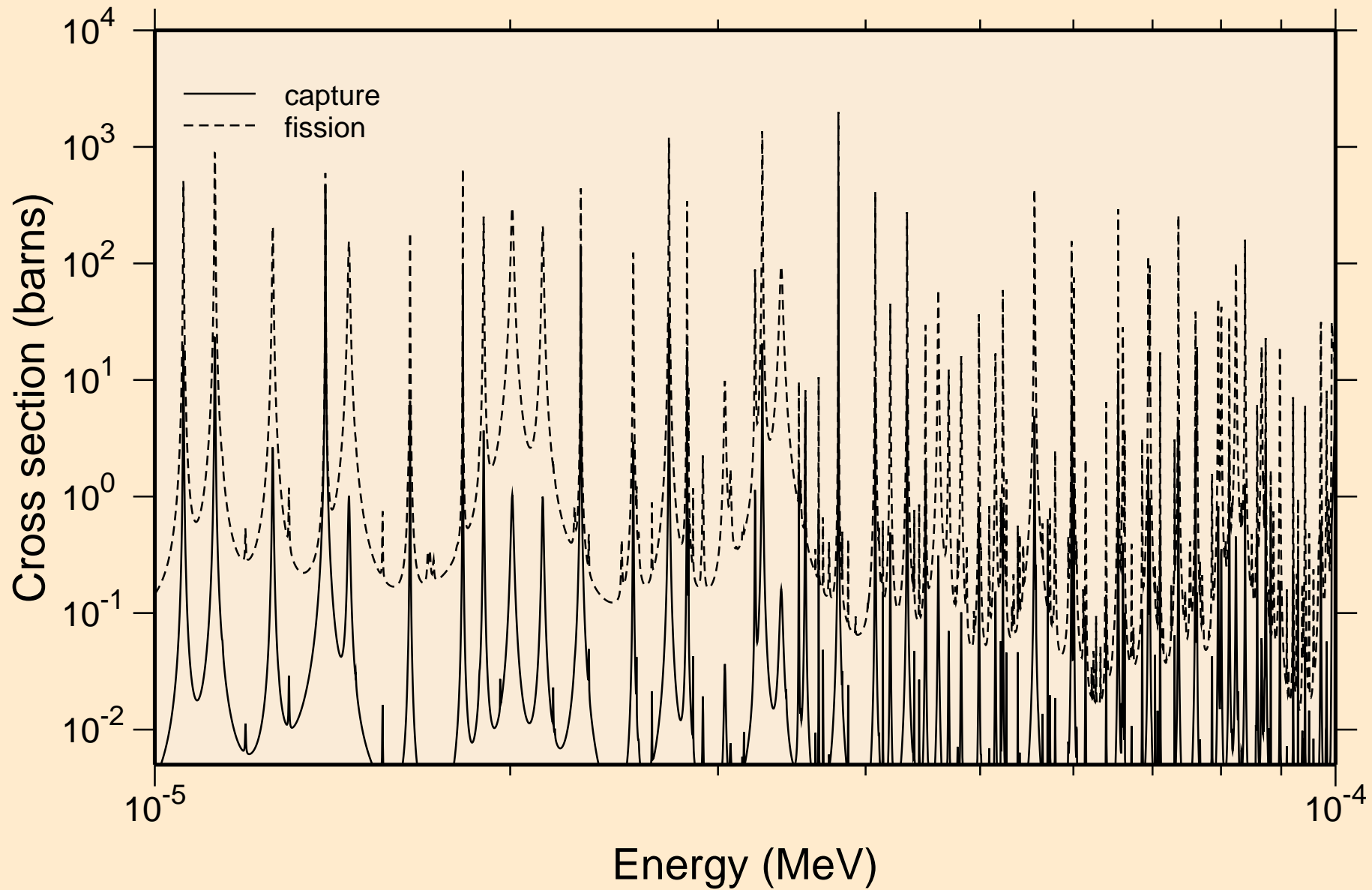


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections

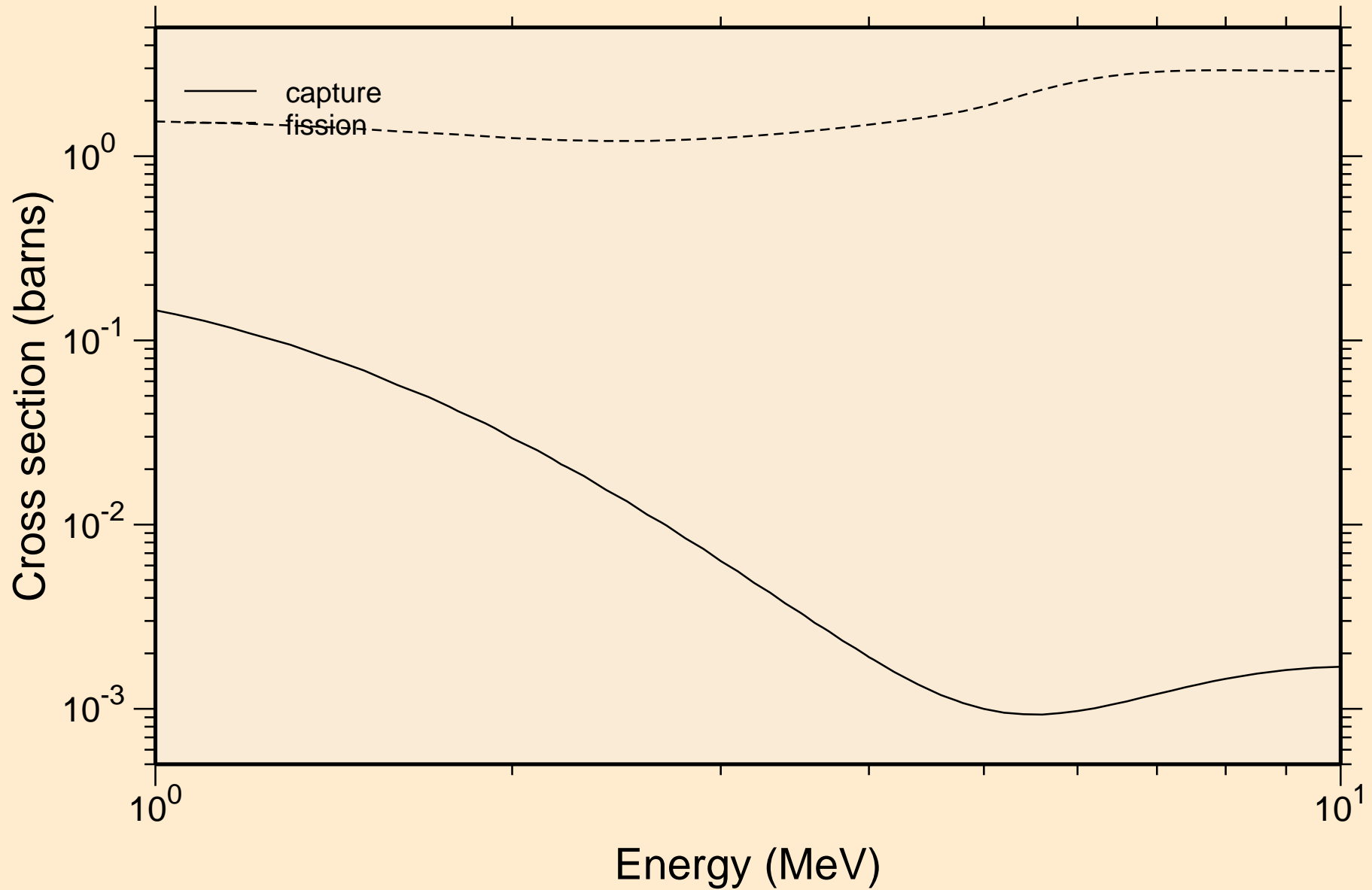


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



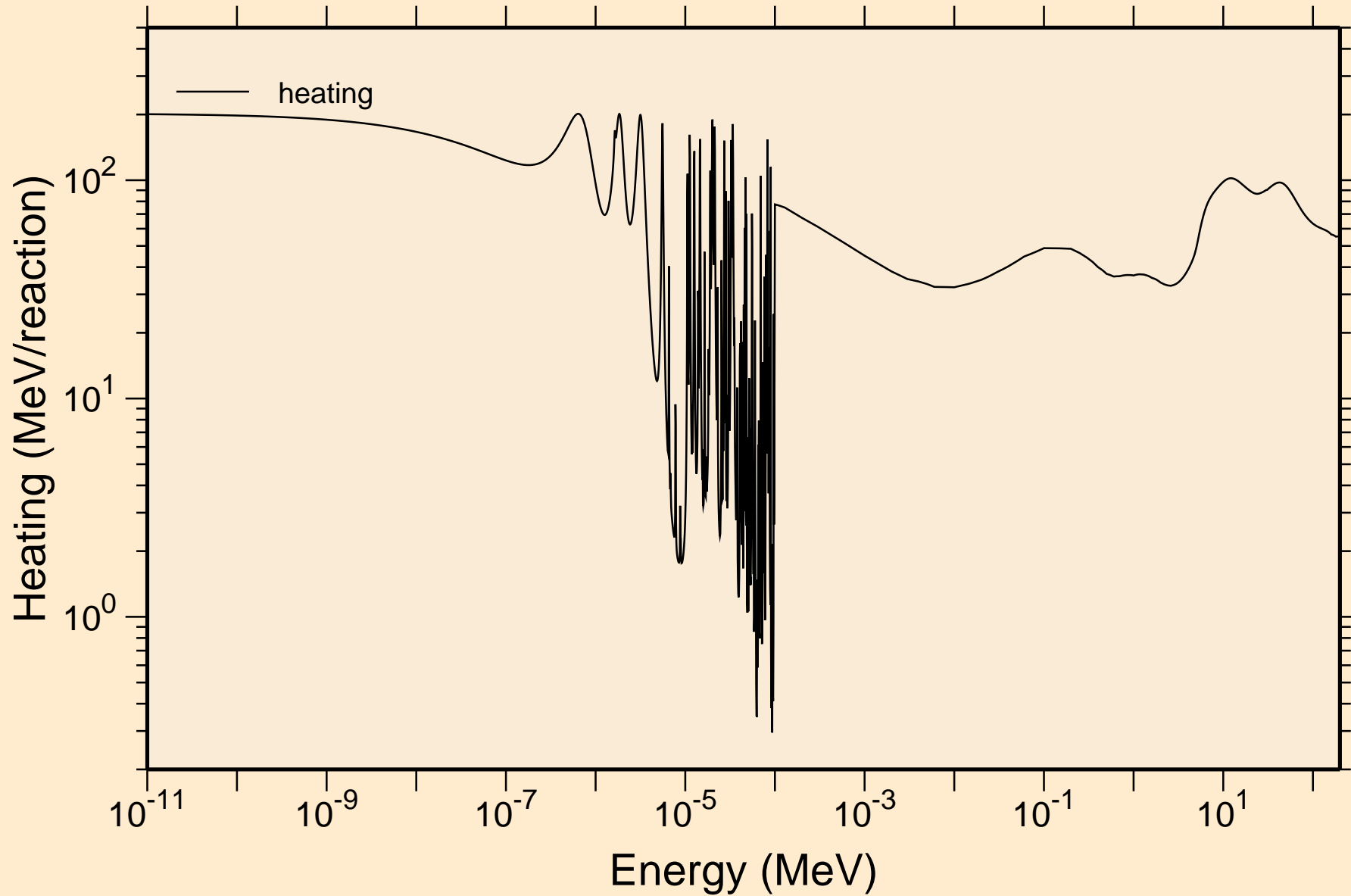


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



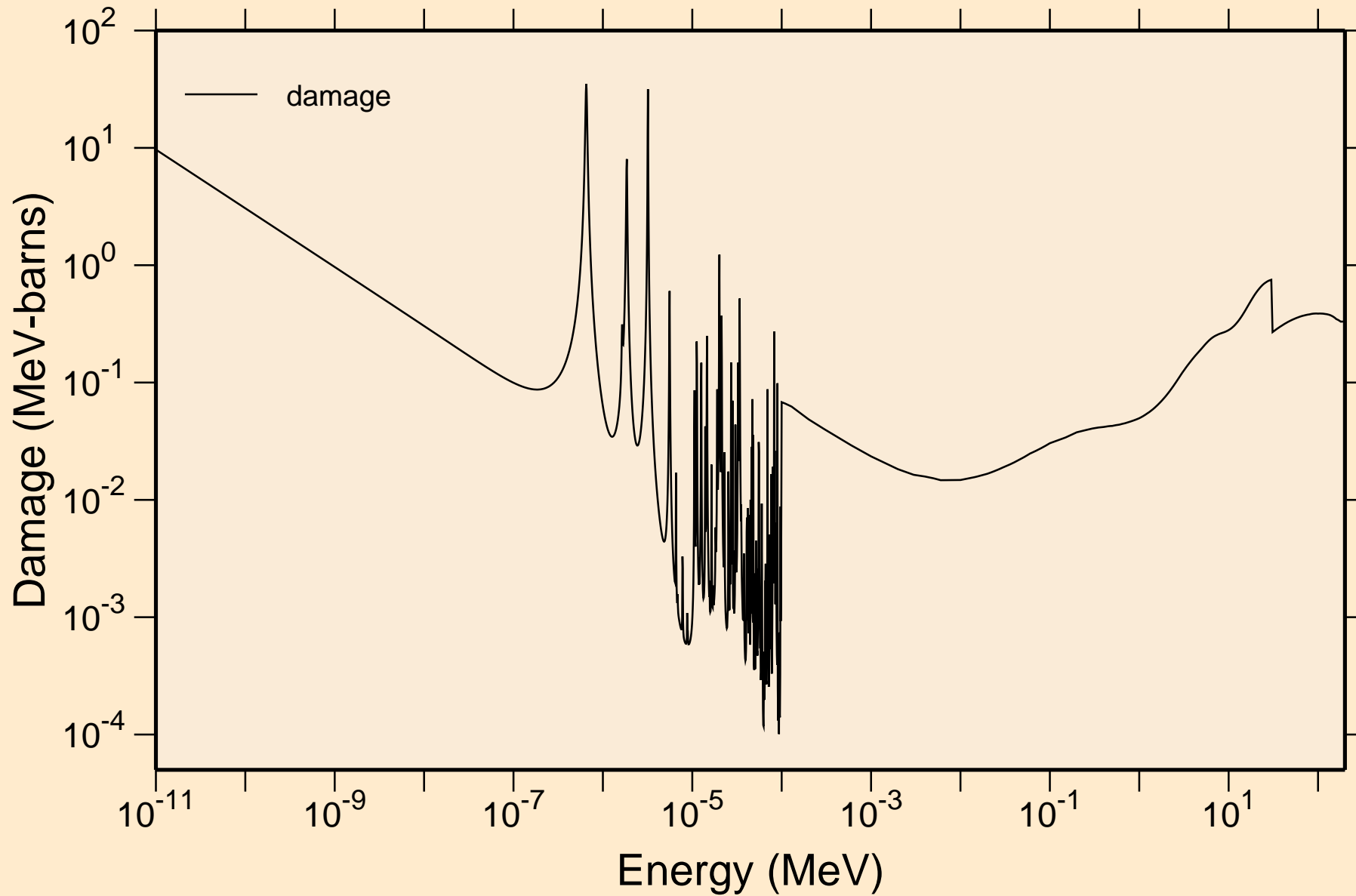
# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



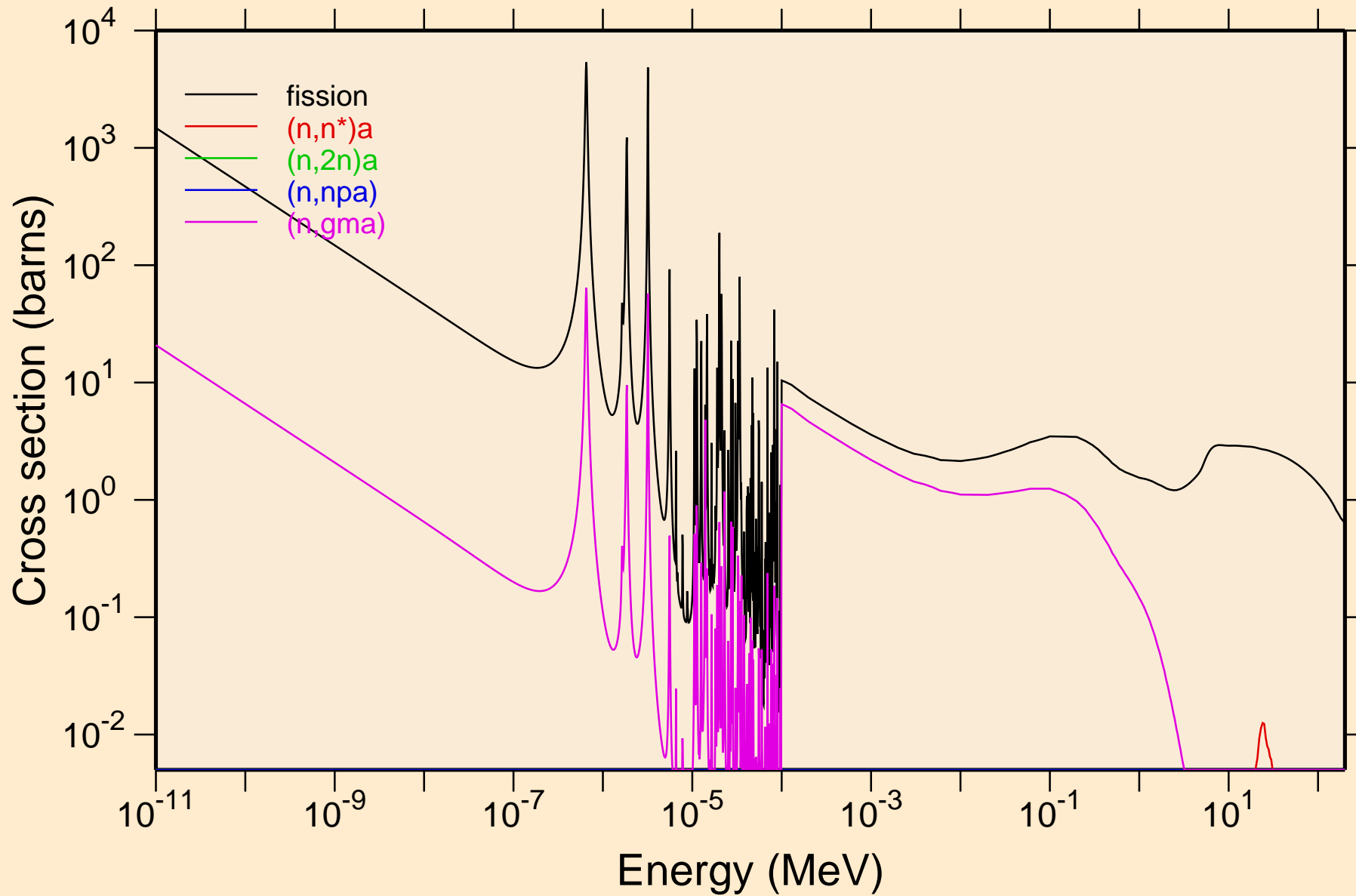
# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



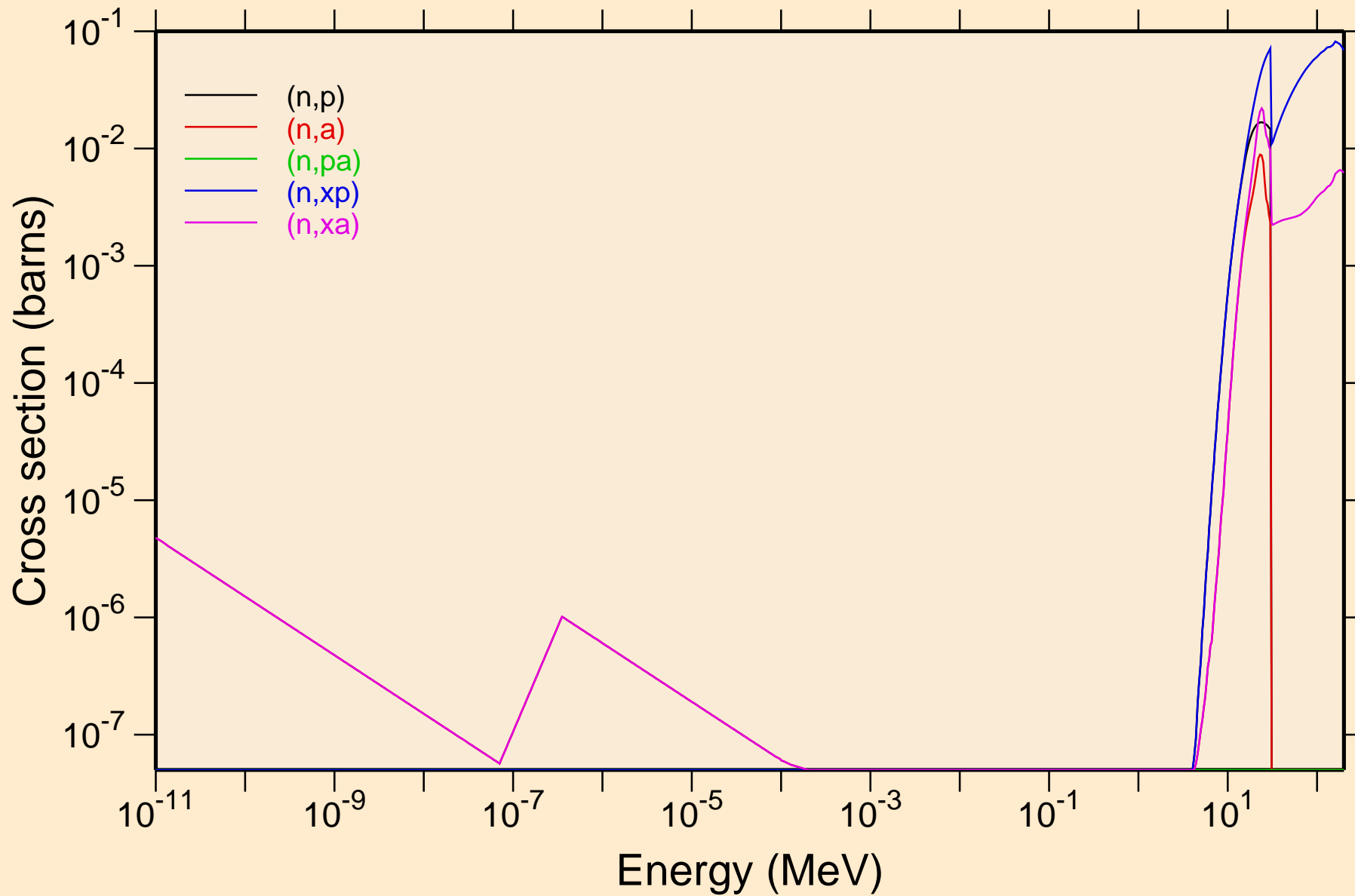
# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

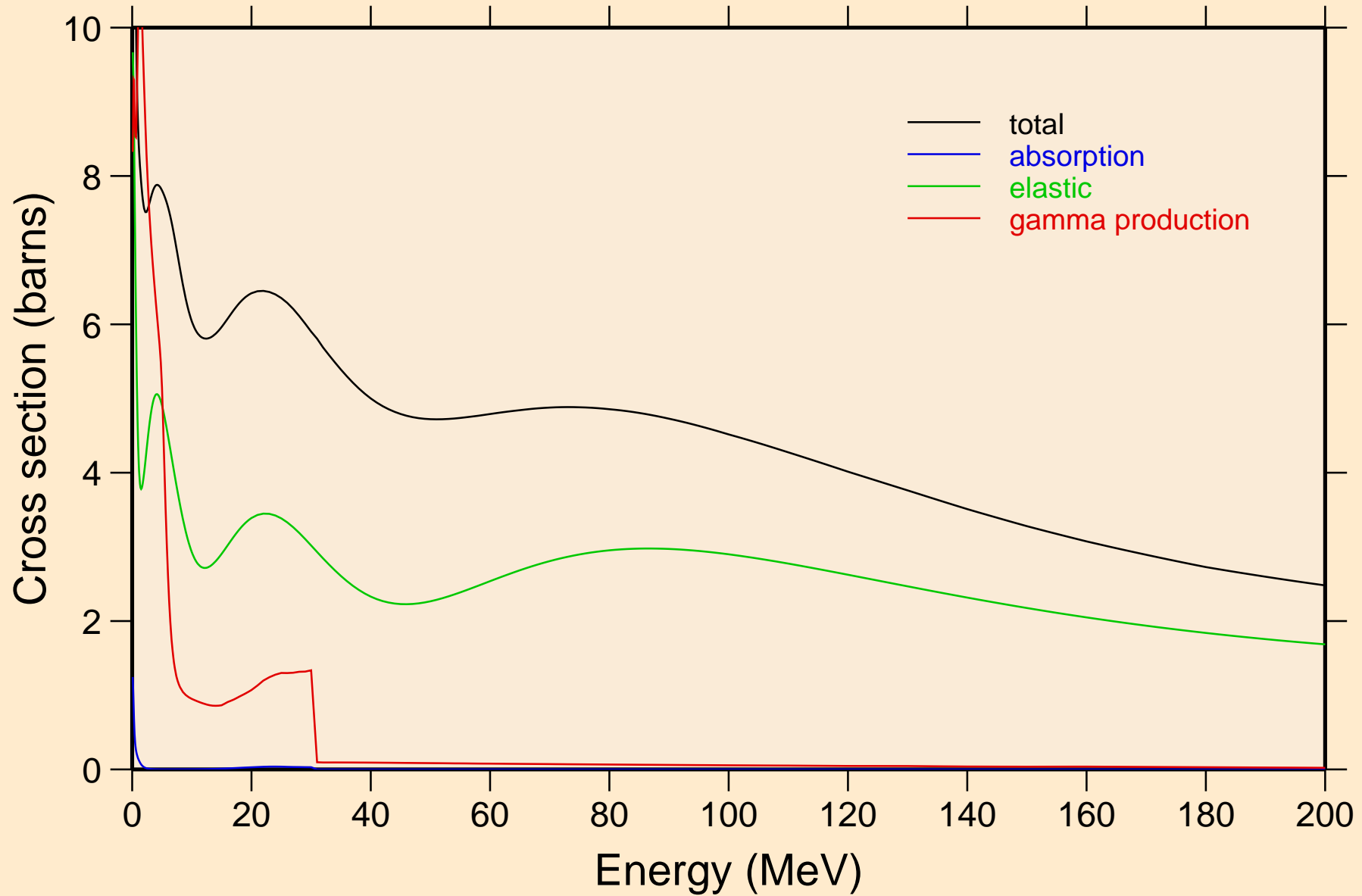


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

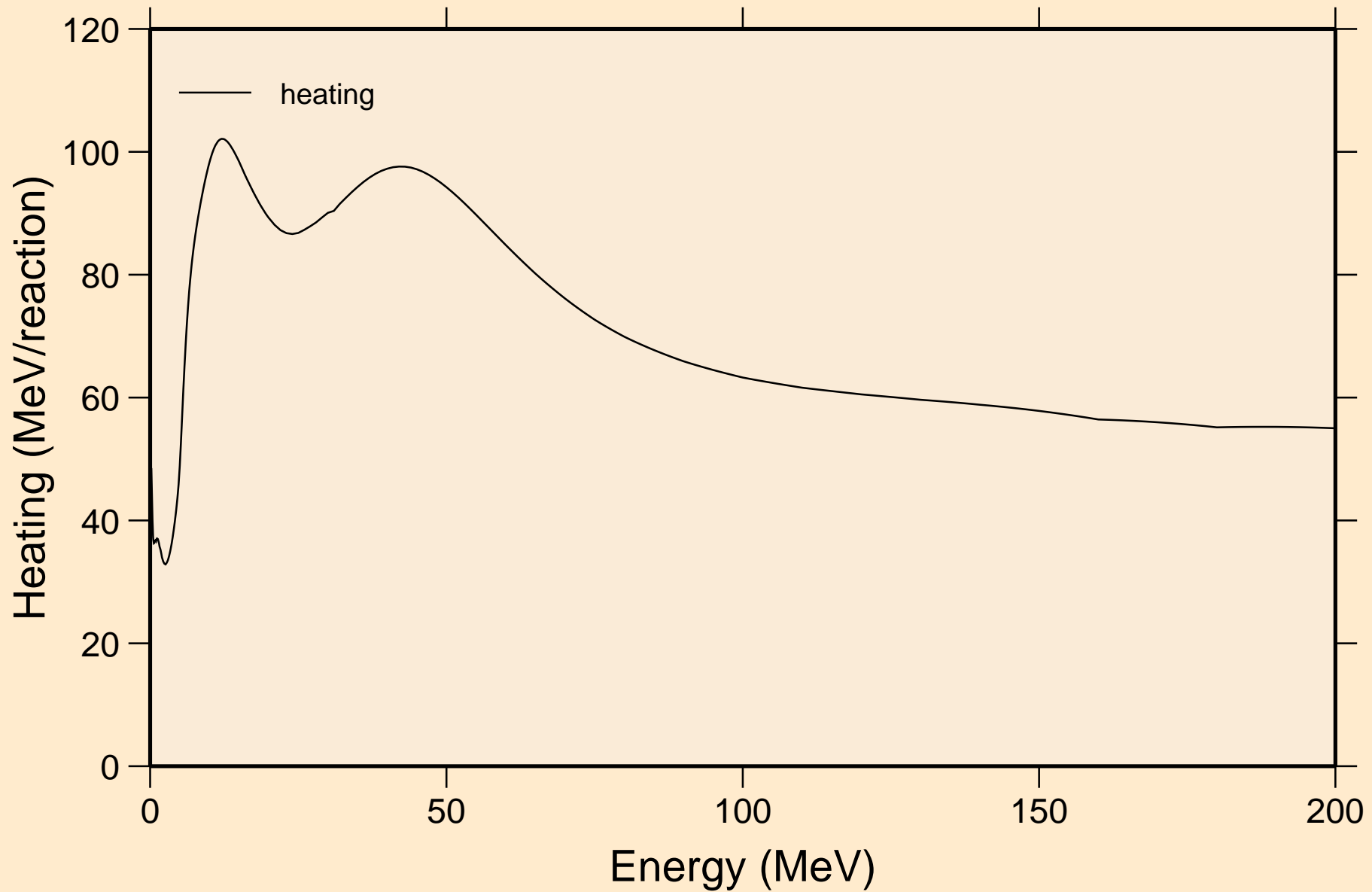
## Non-threshold reactions



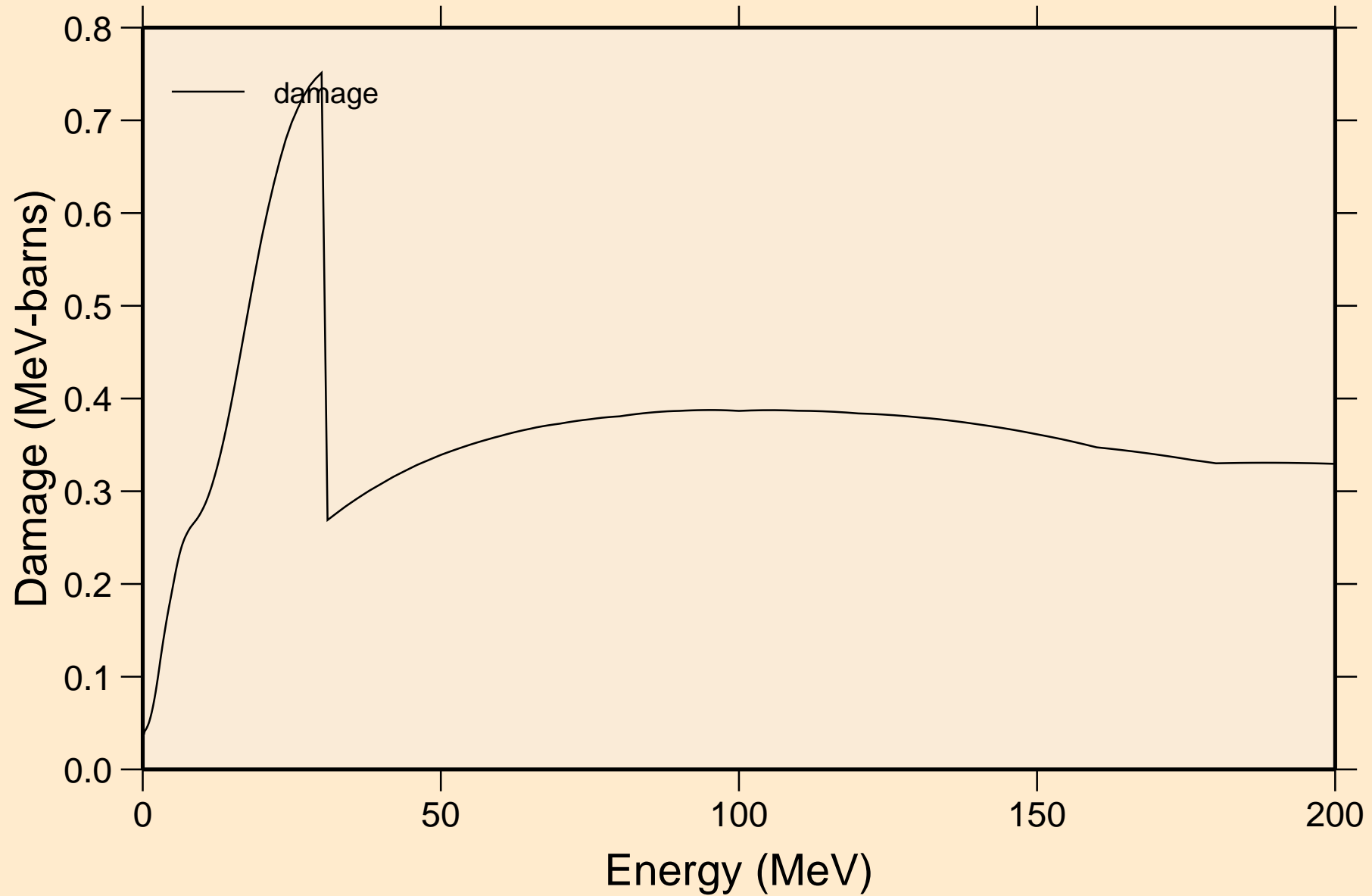
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



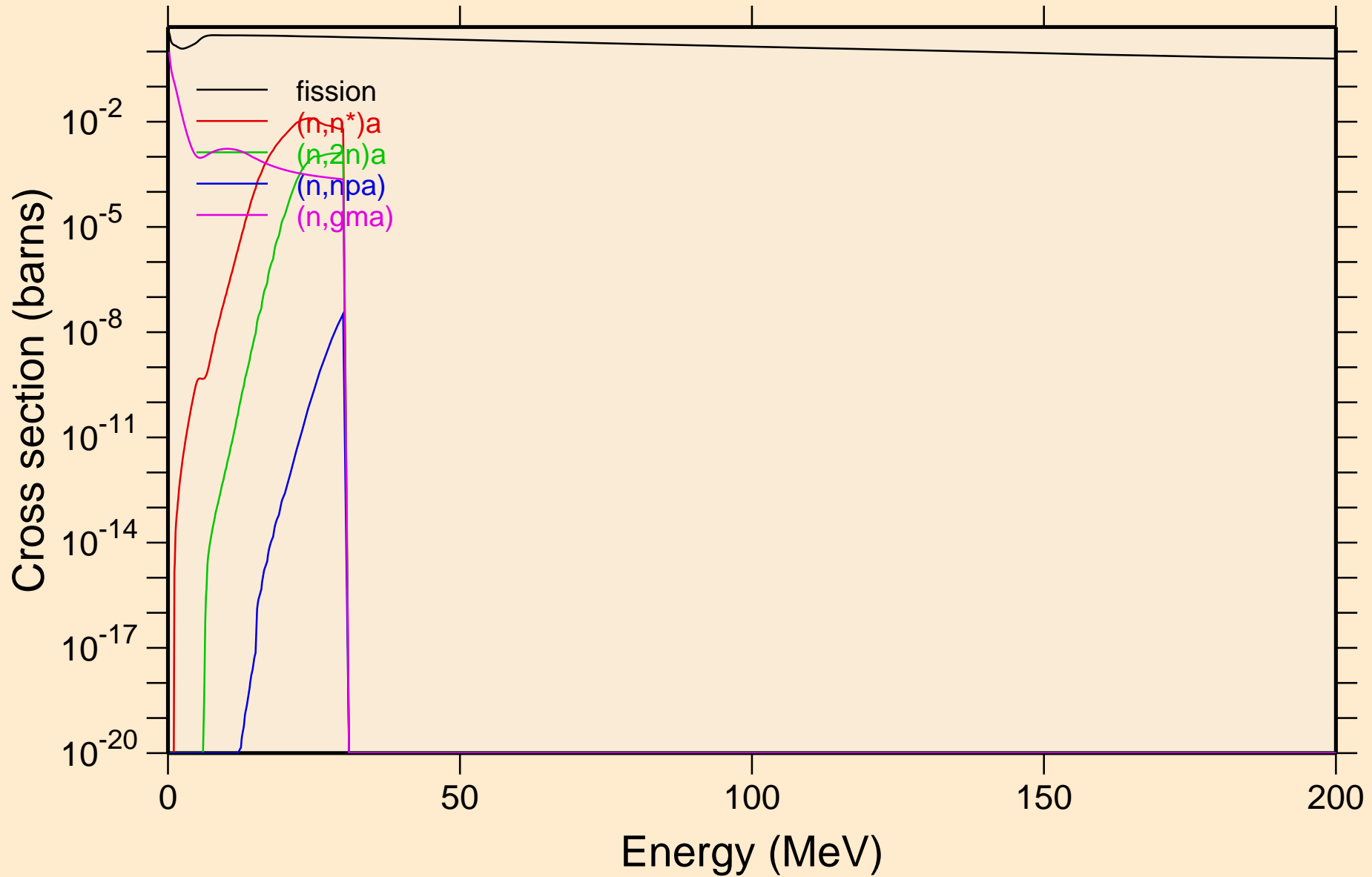
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage





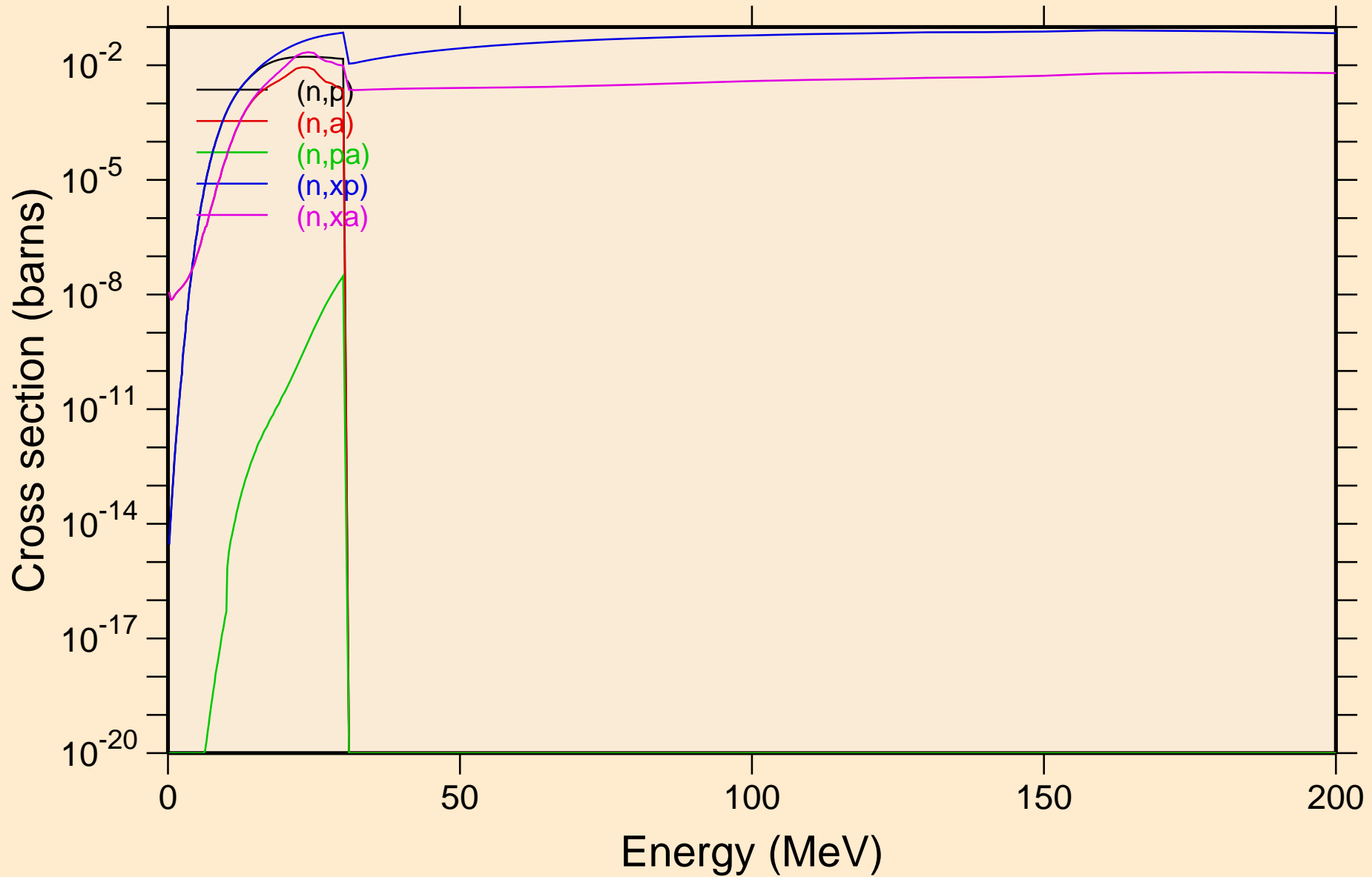
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## Non-threshold reactions

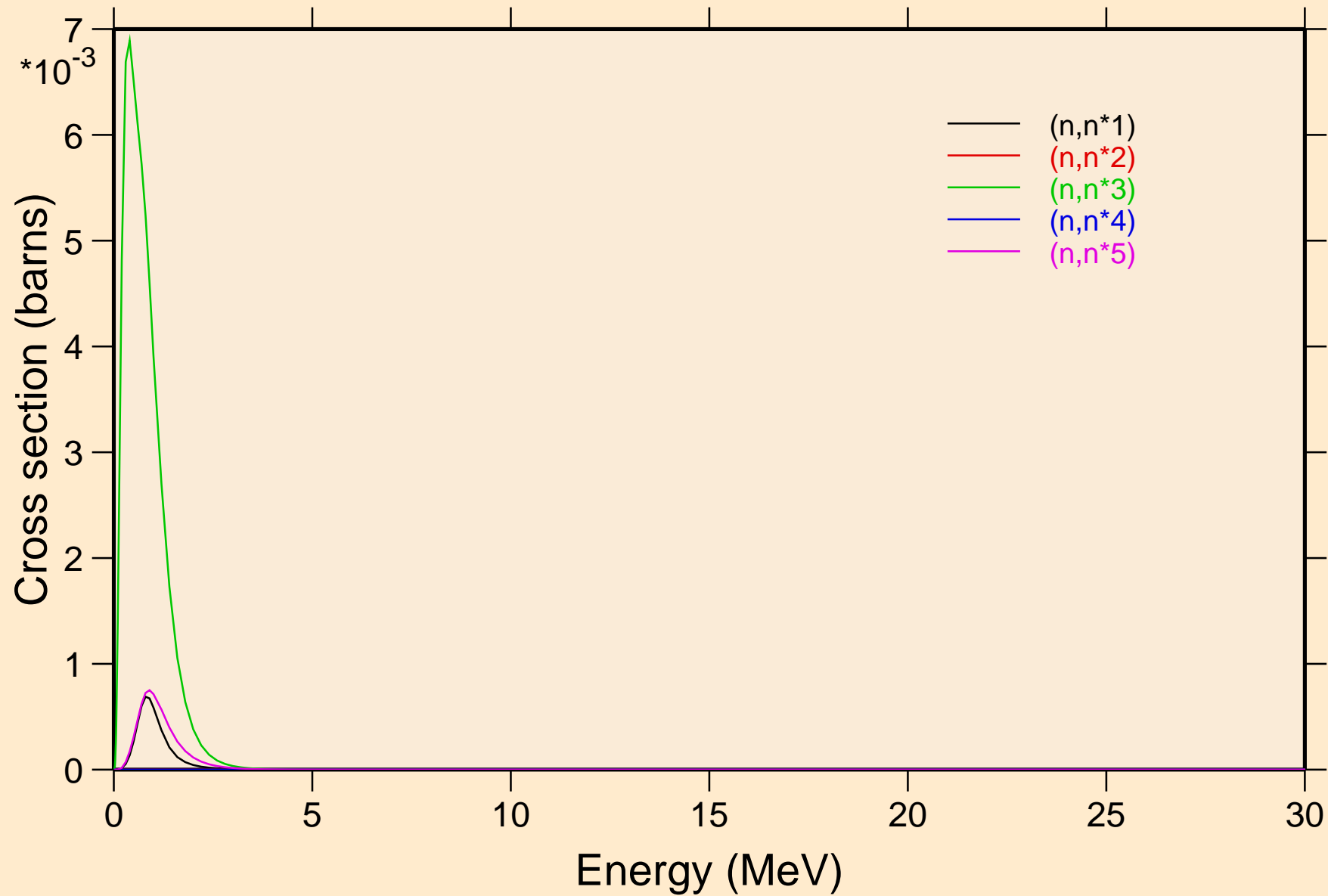


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

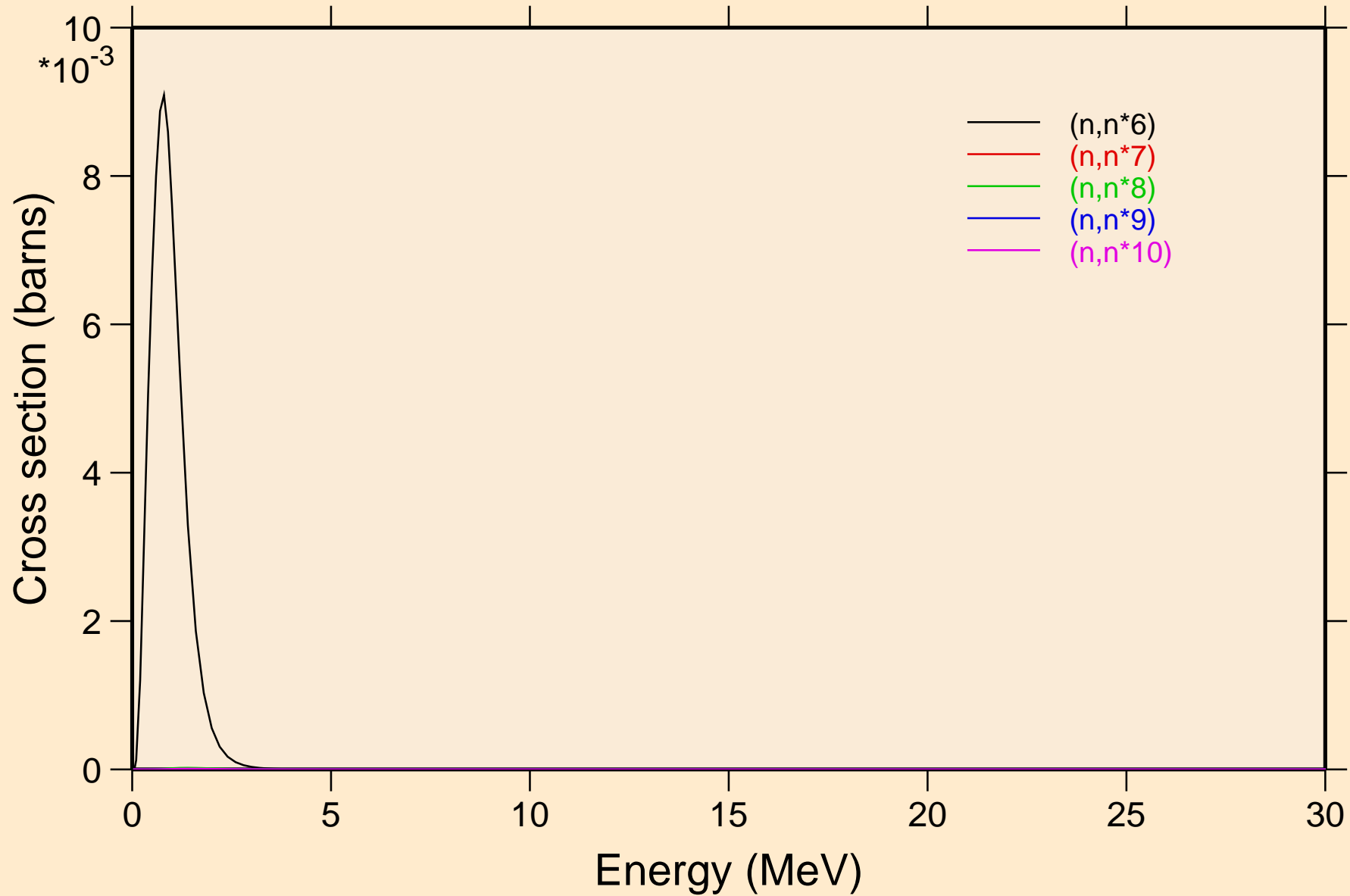
## Non-threshold reactions



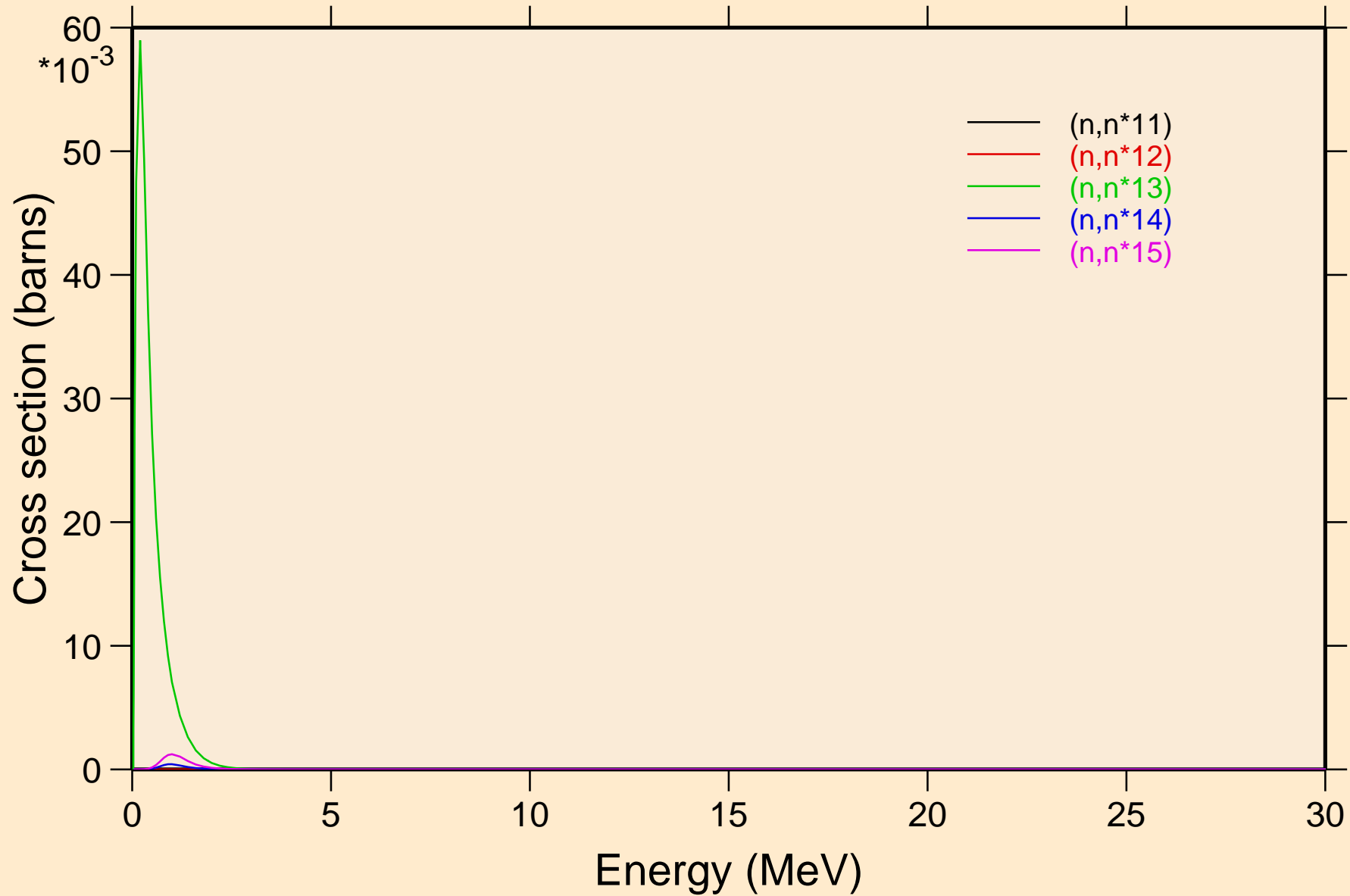
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

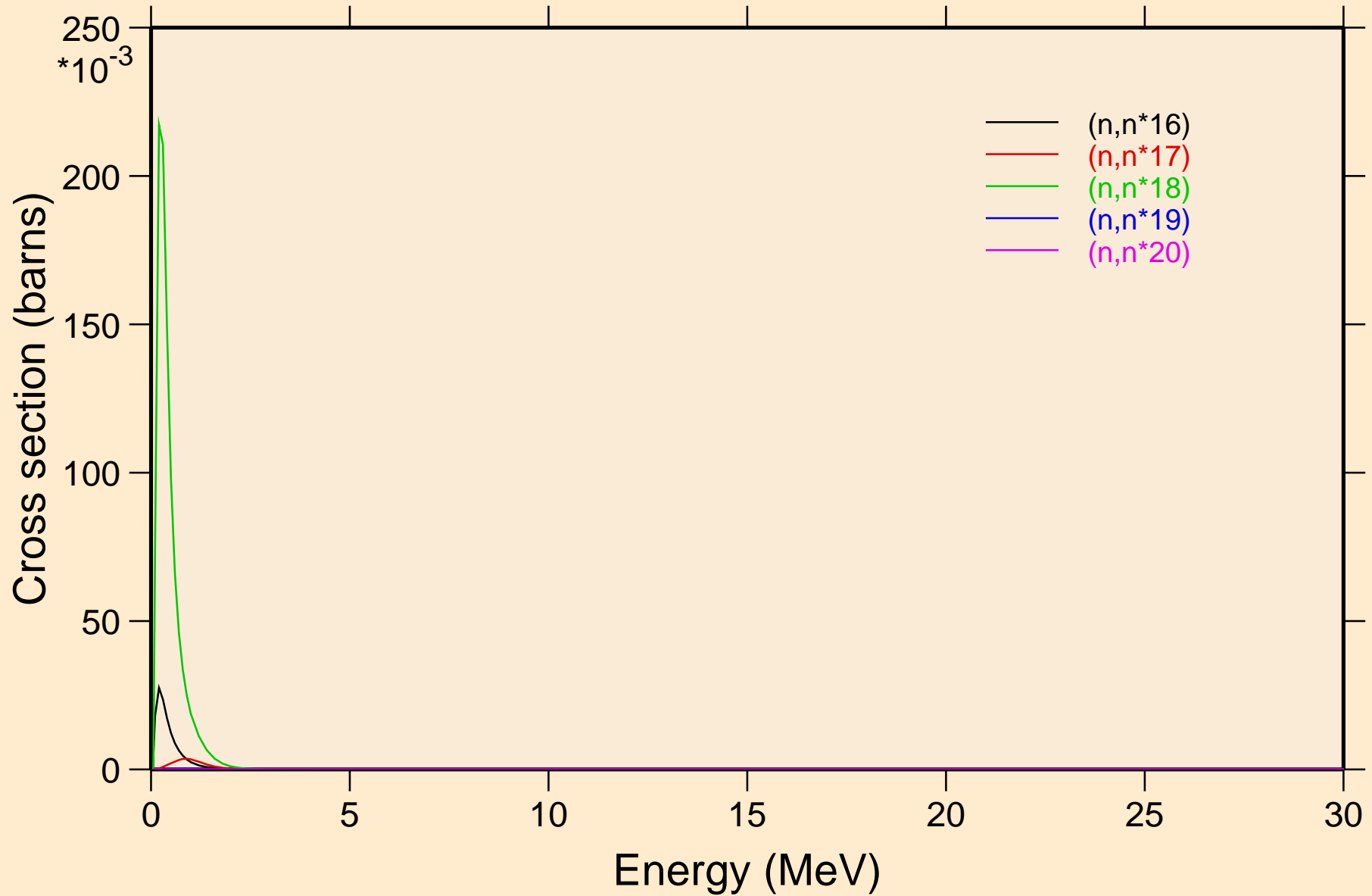


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

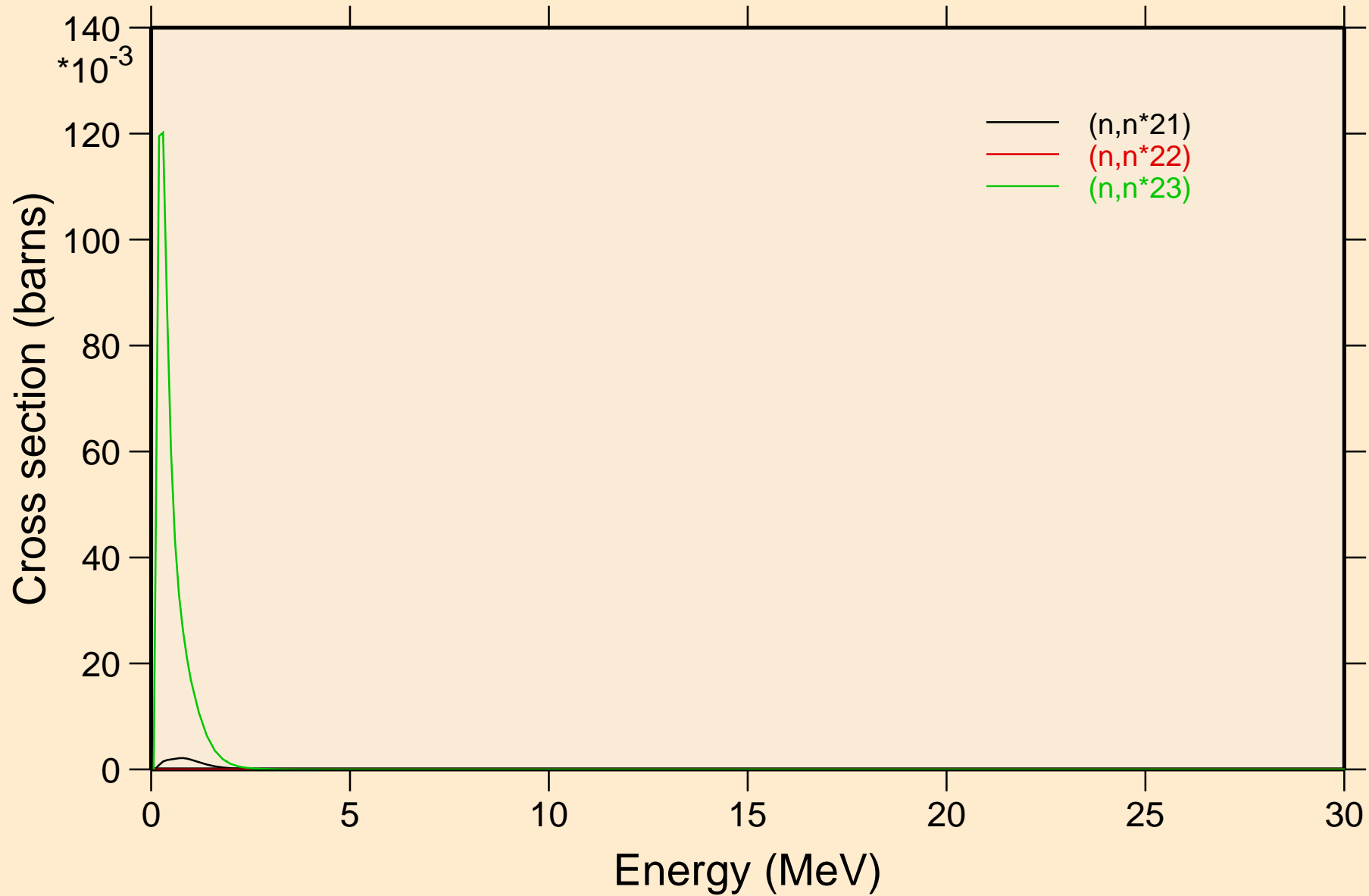


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

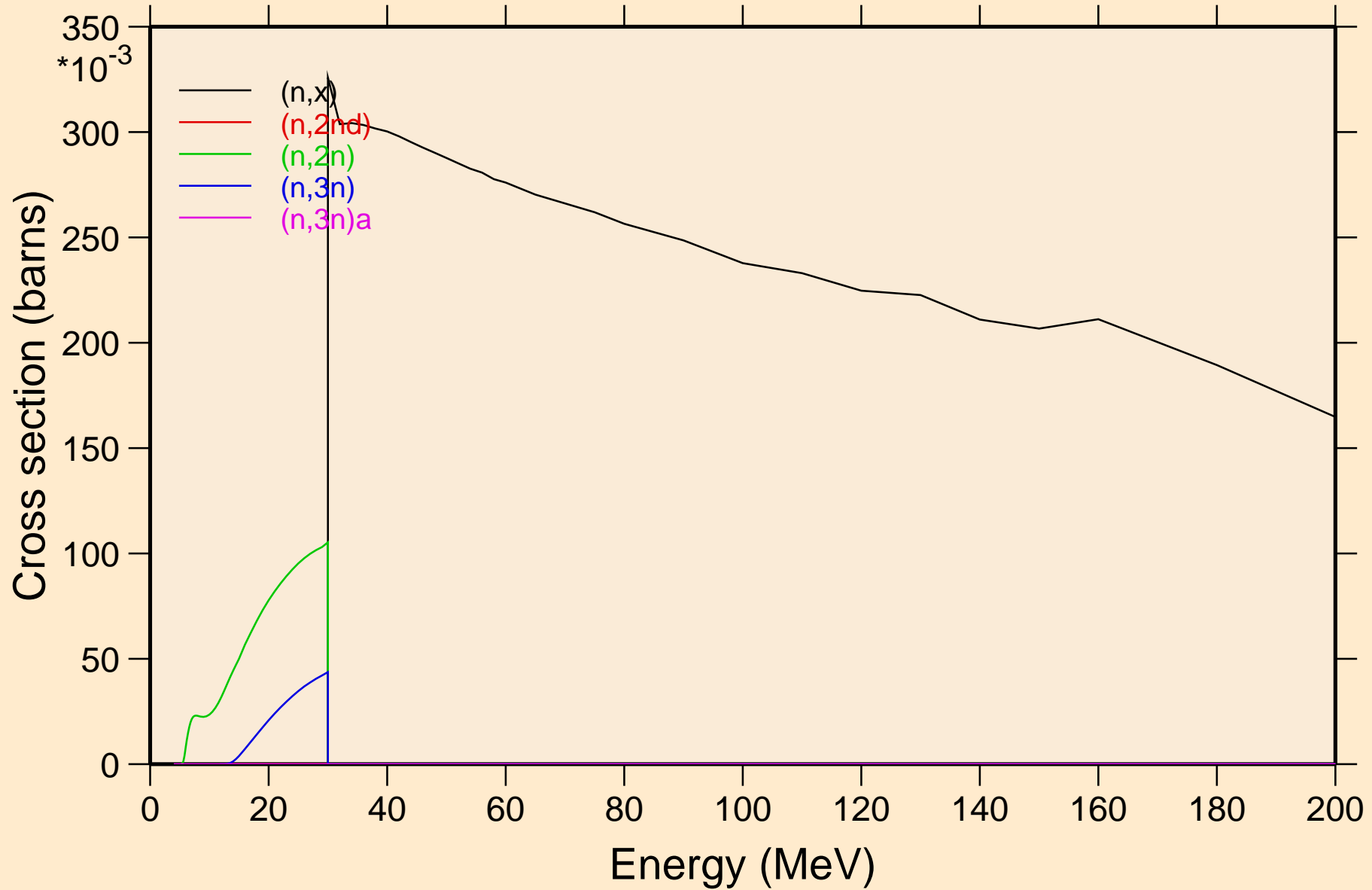


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

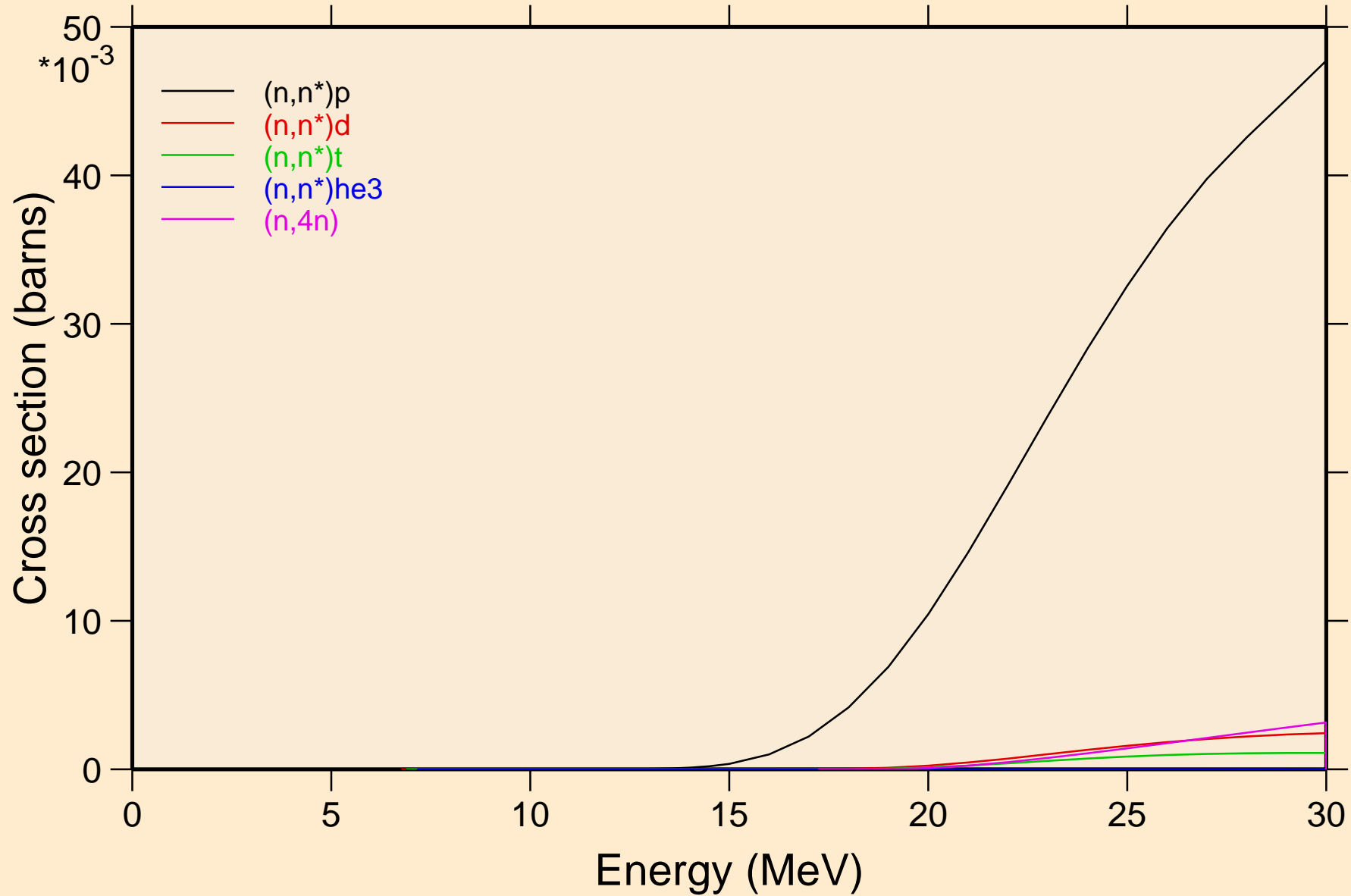
## Threshold reactions



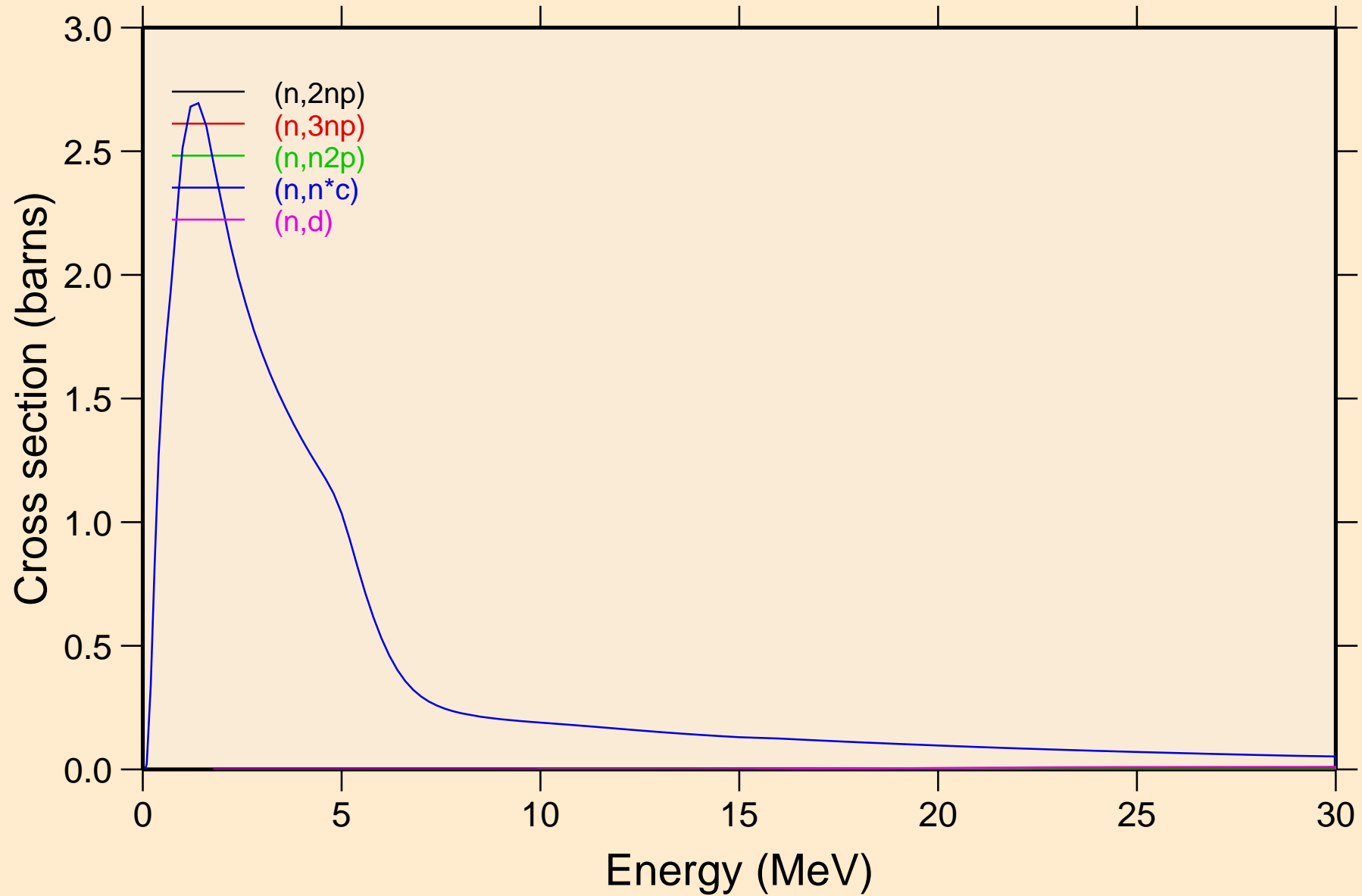


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

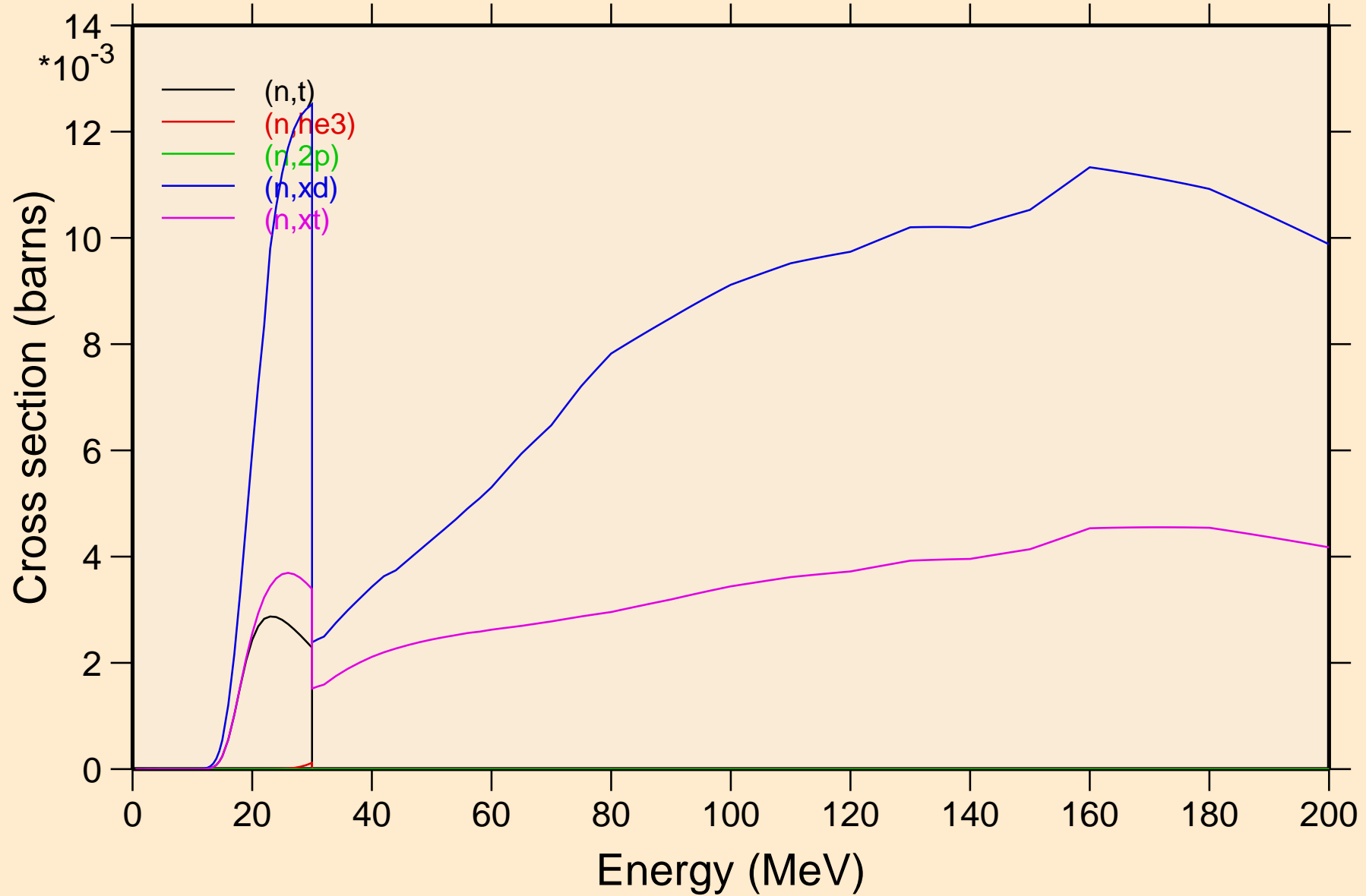


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

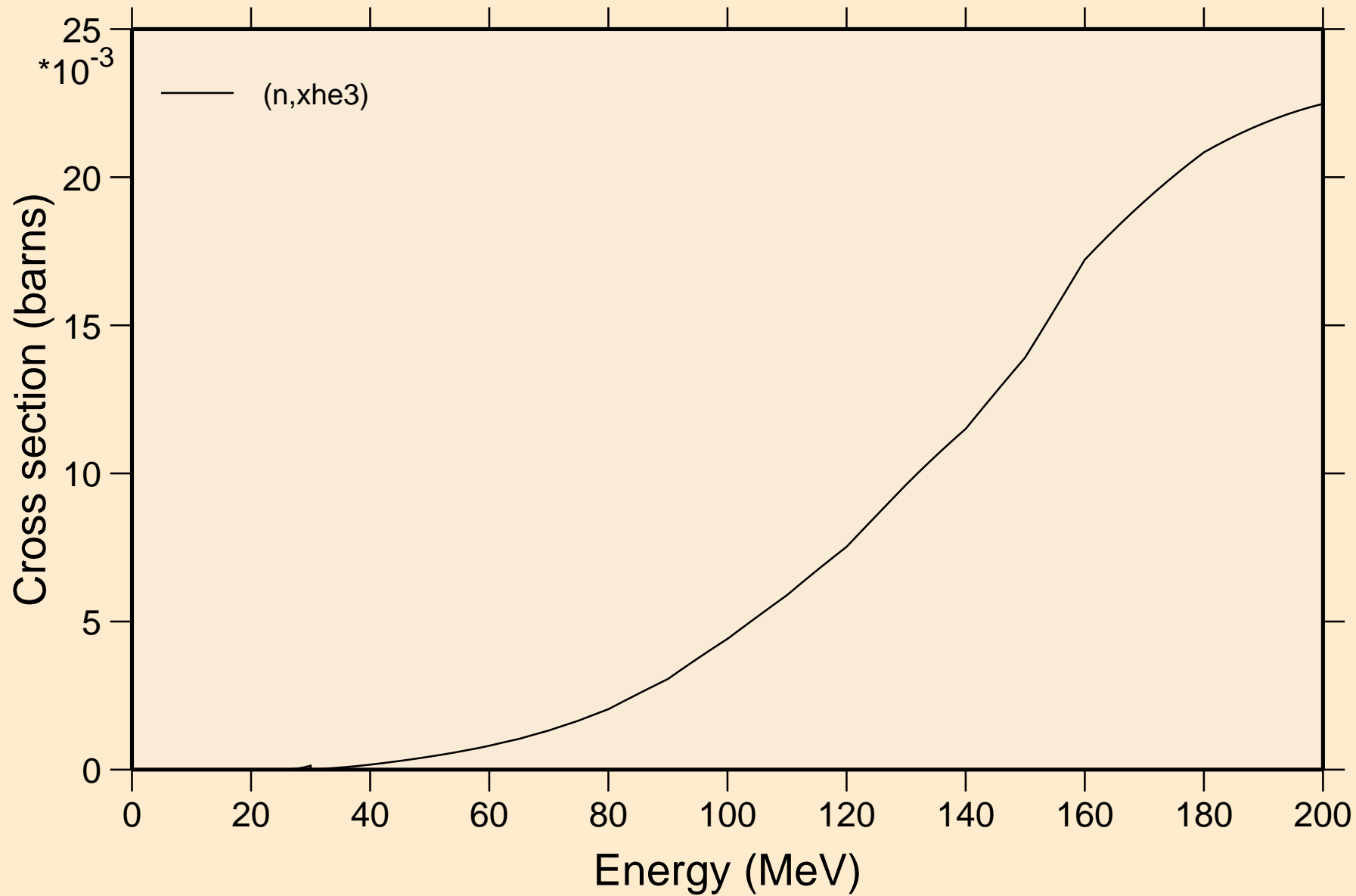


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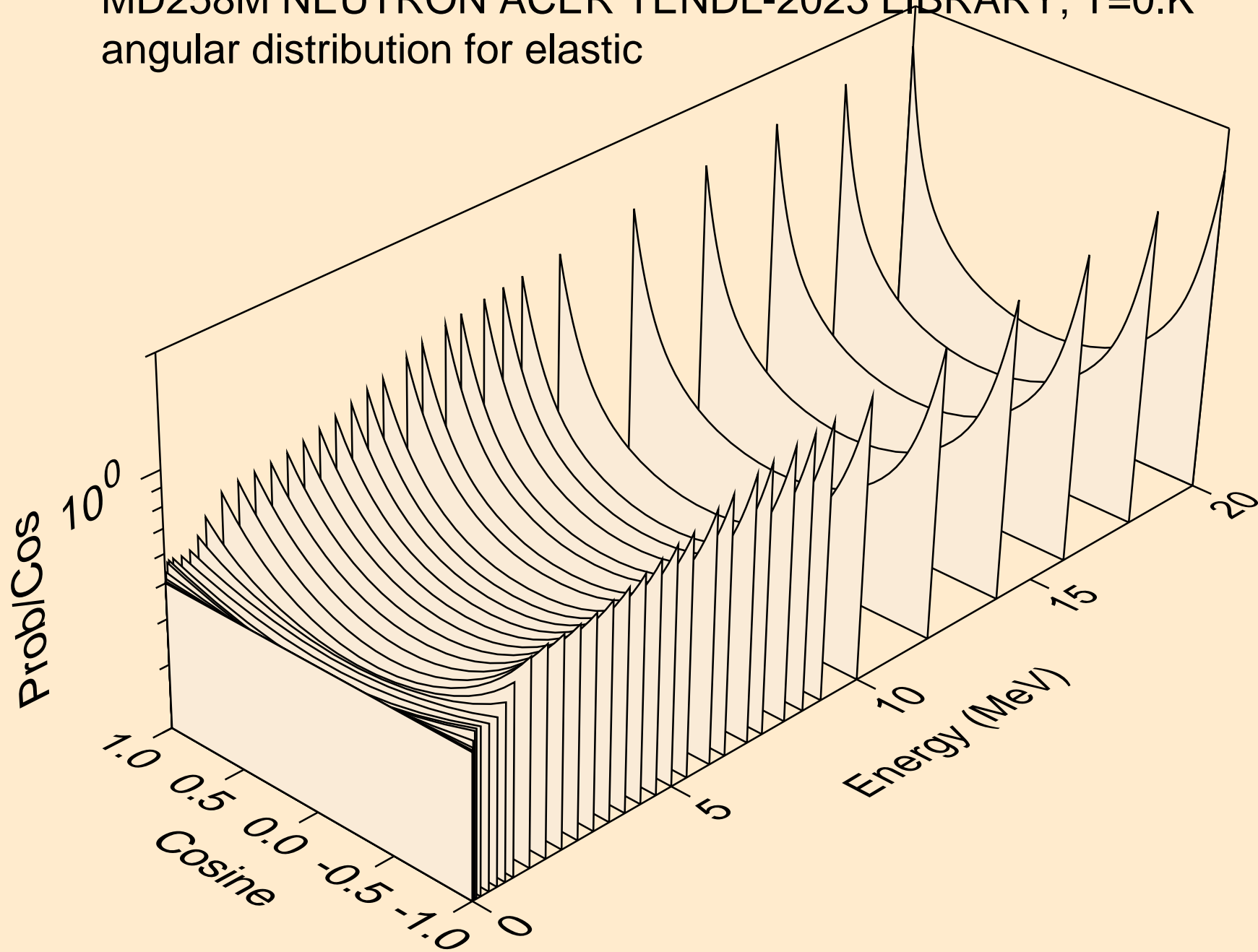
## Threshold reactions



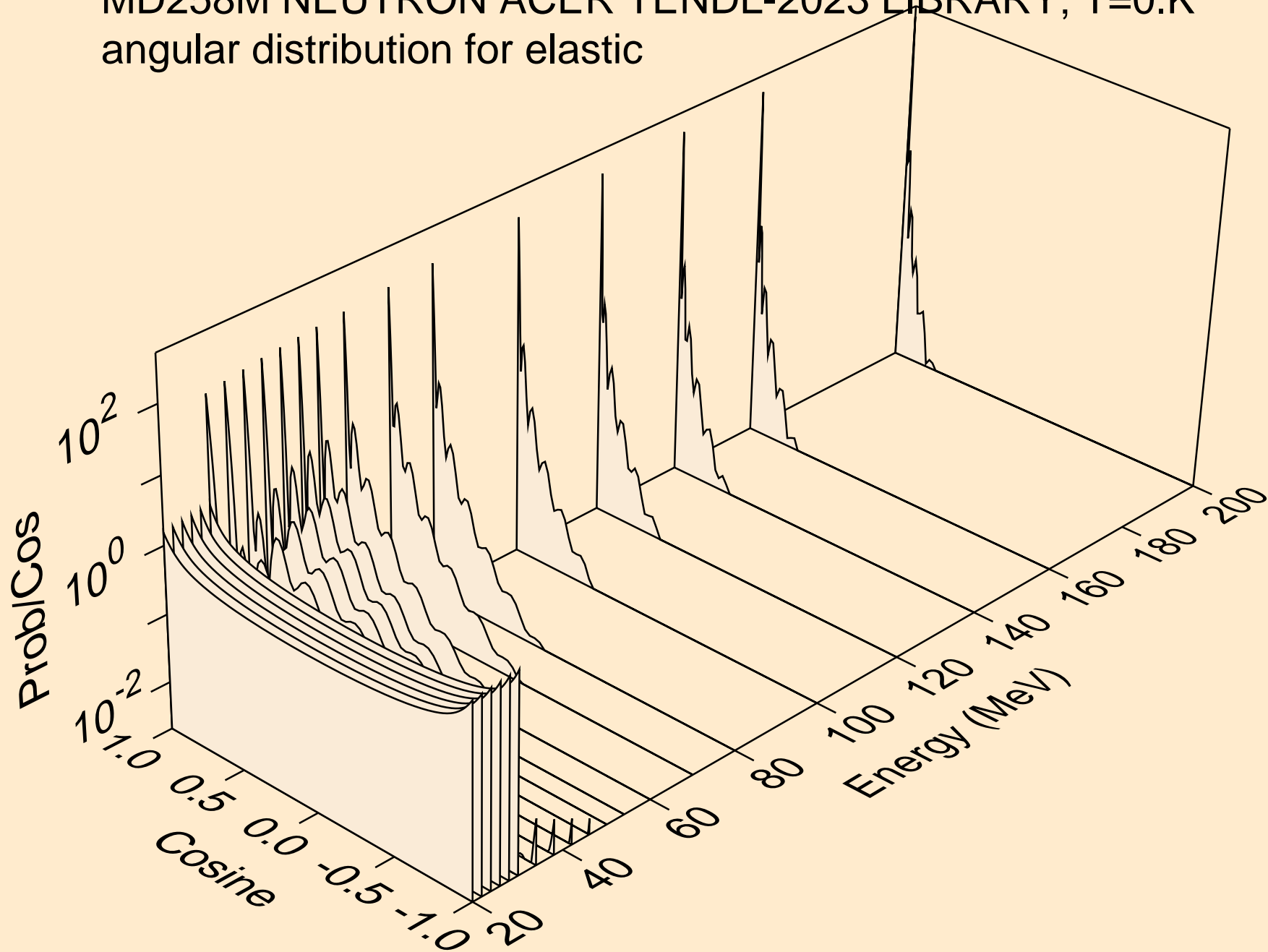
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



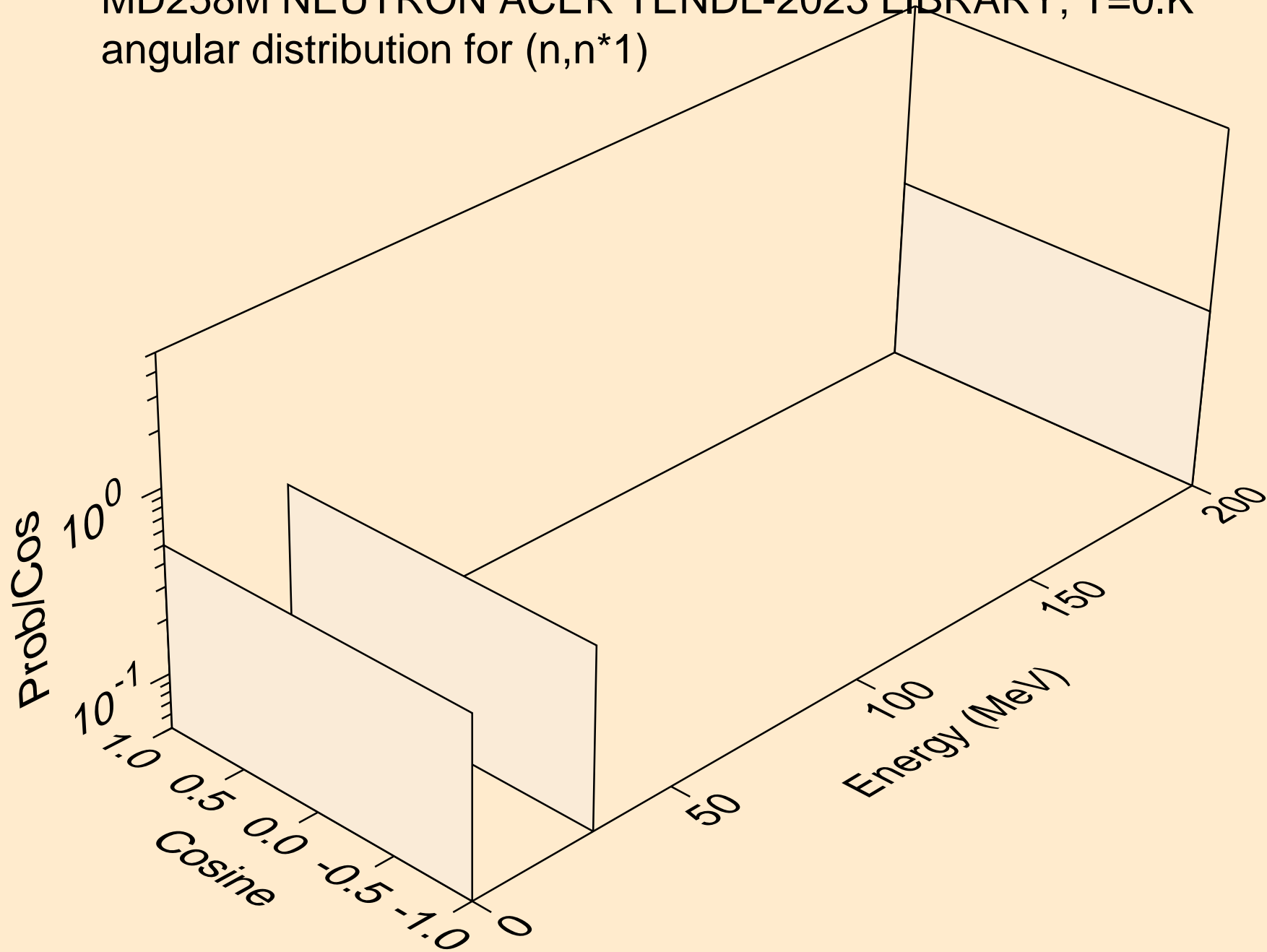
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



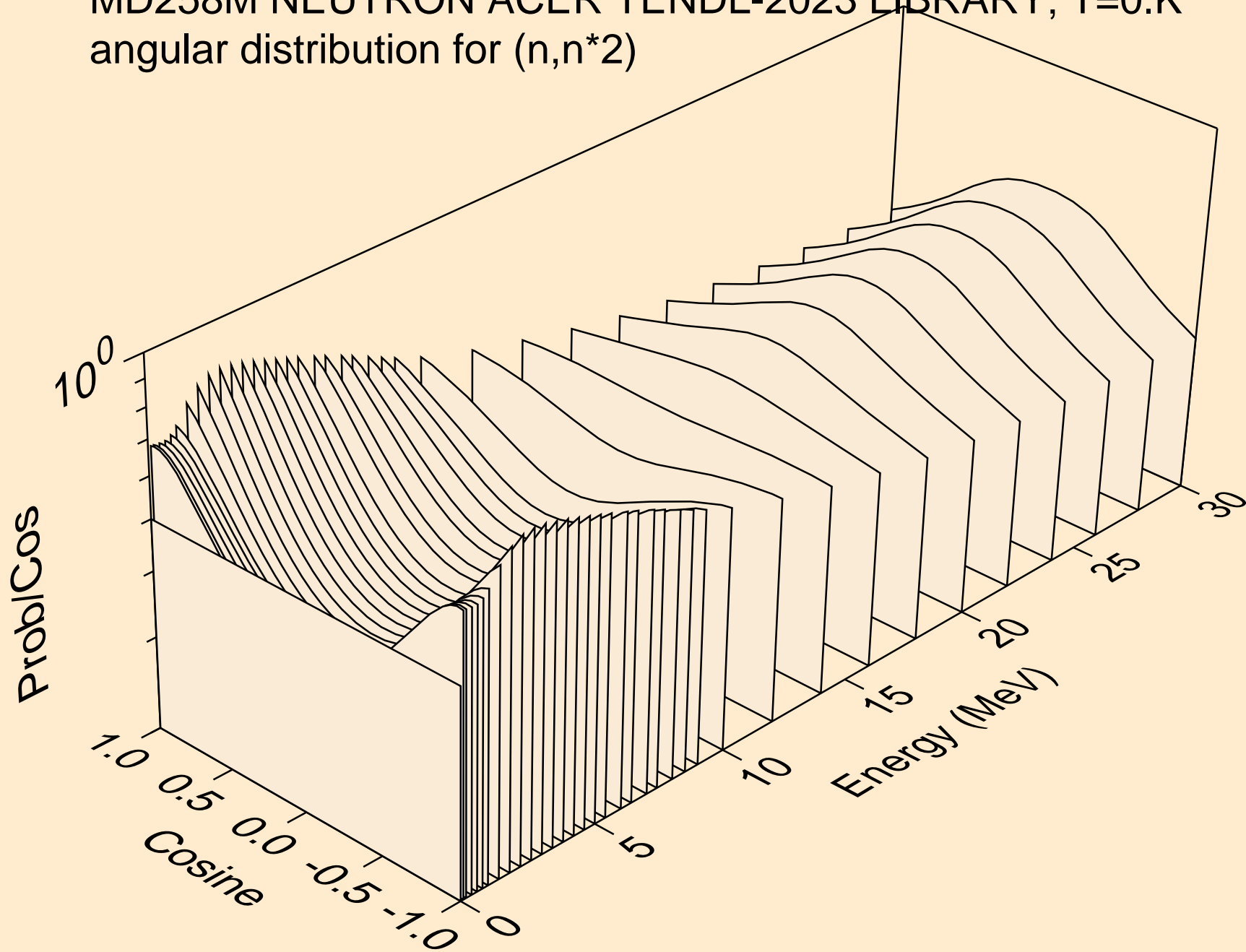
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

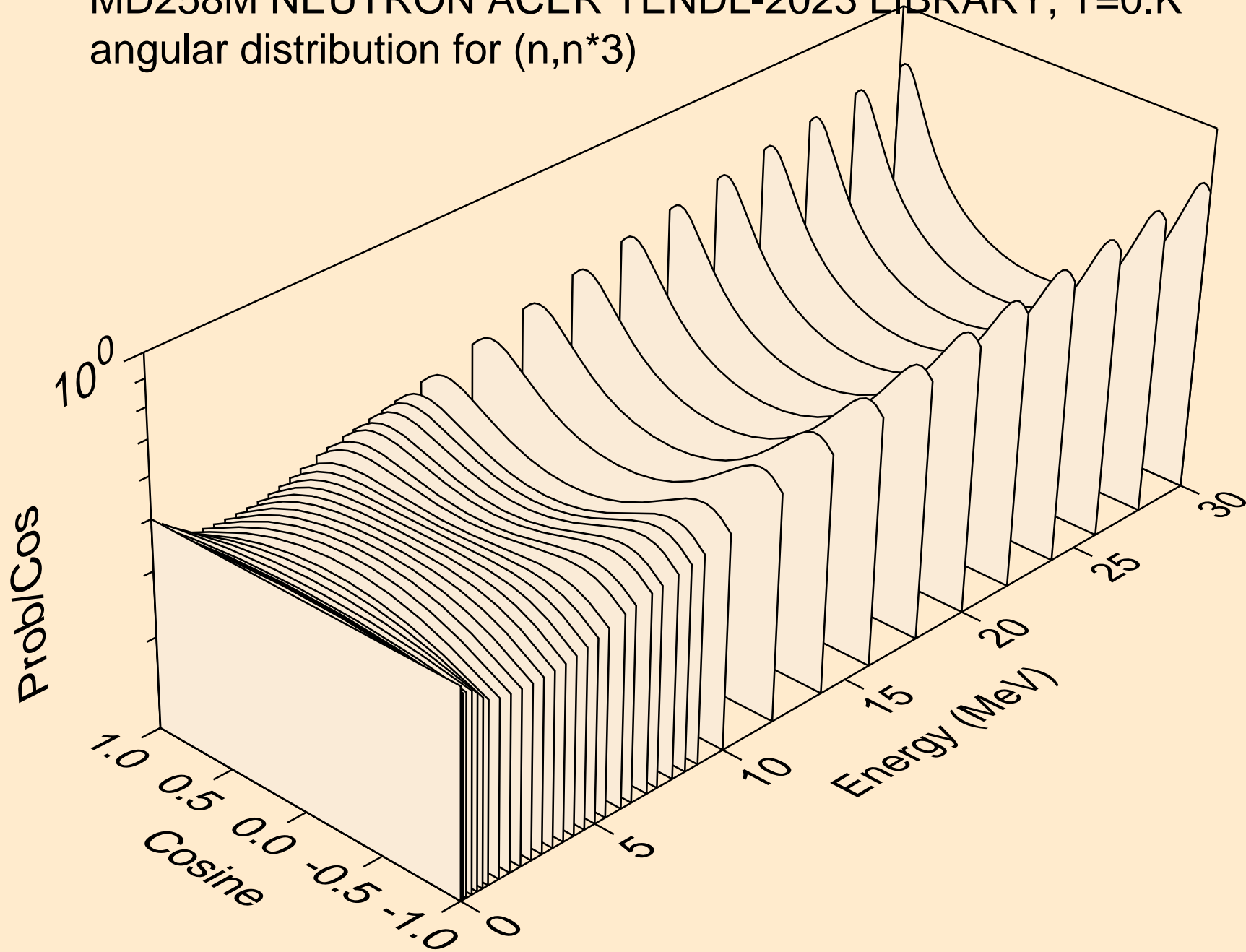


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

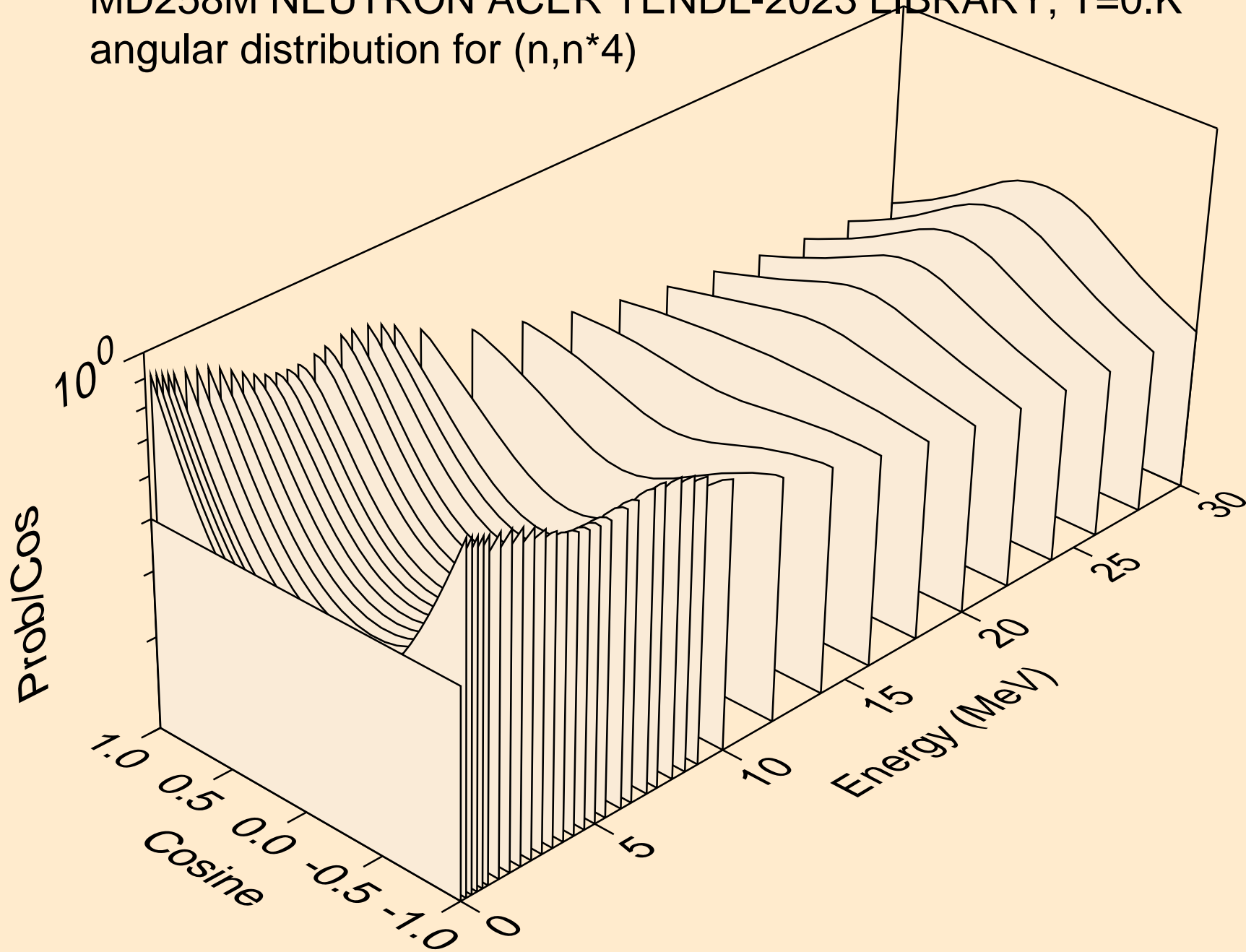




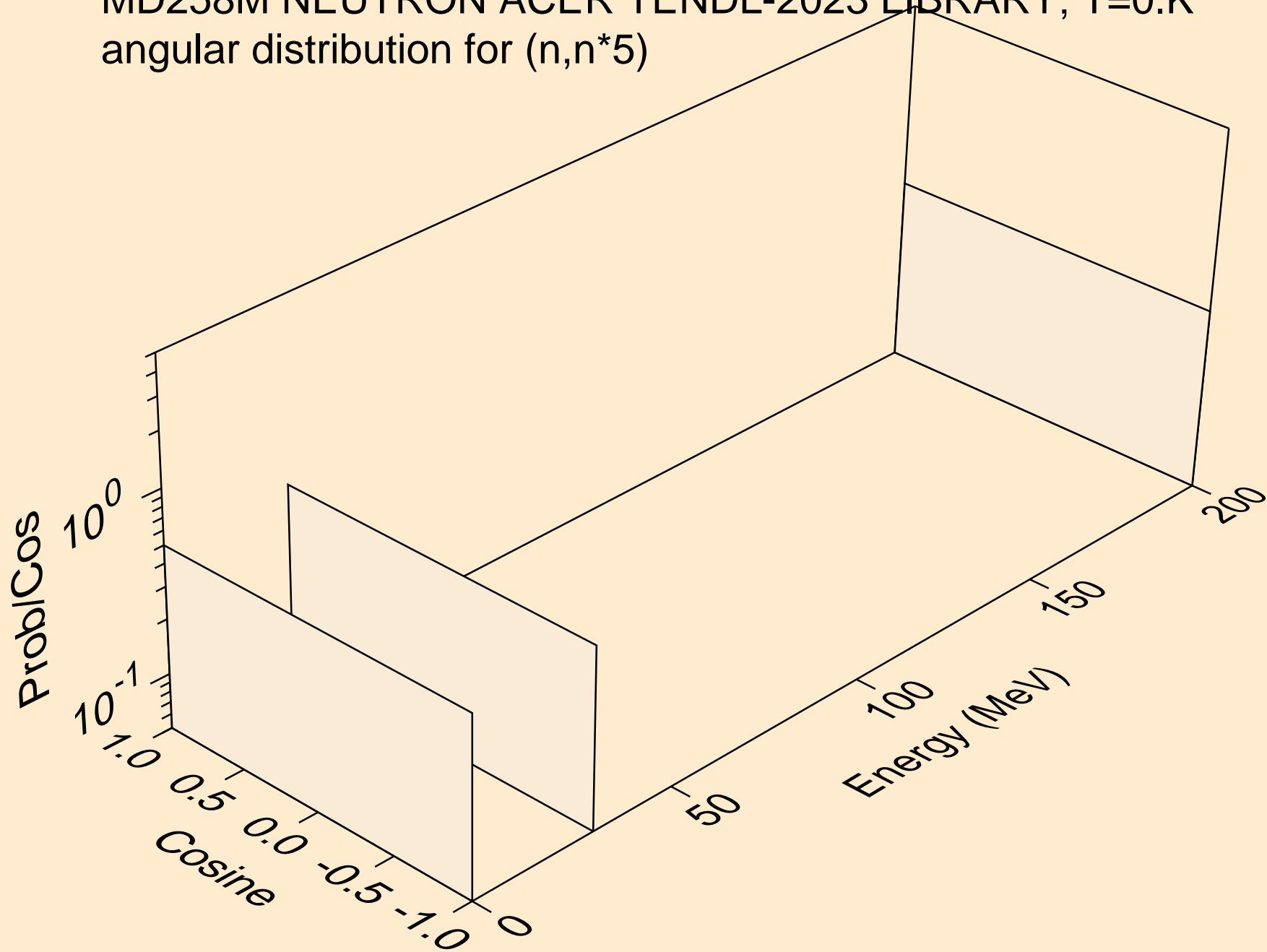
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



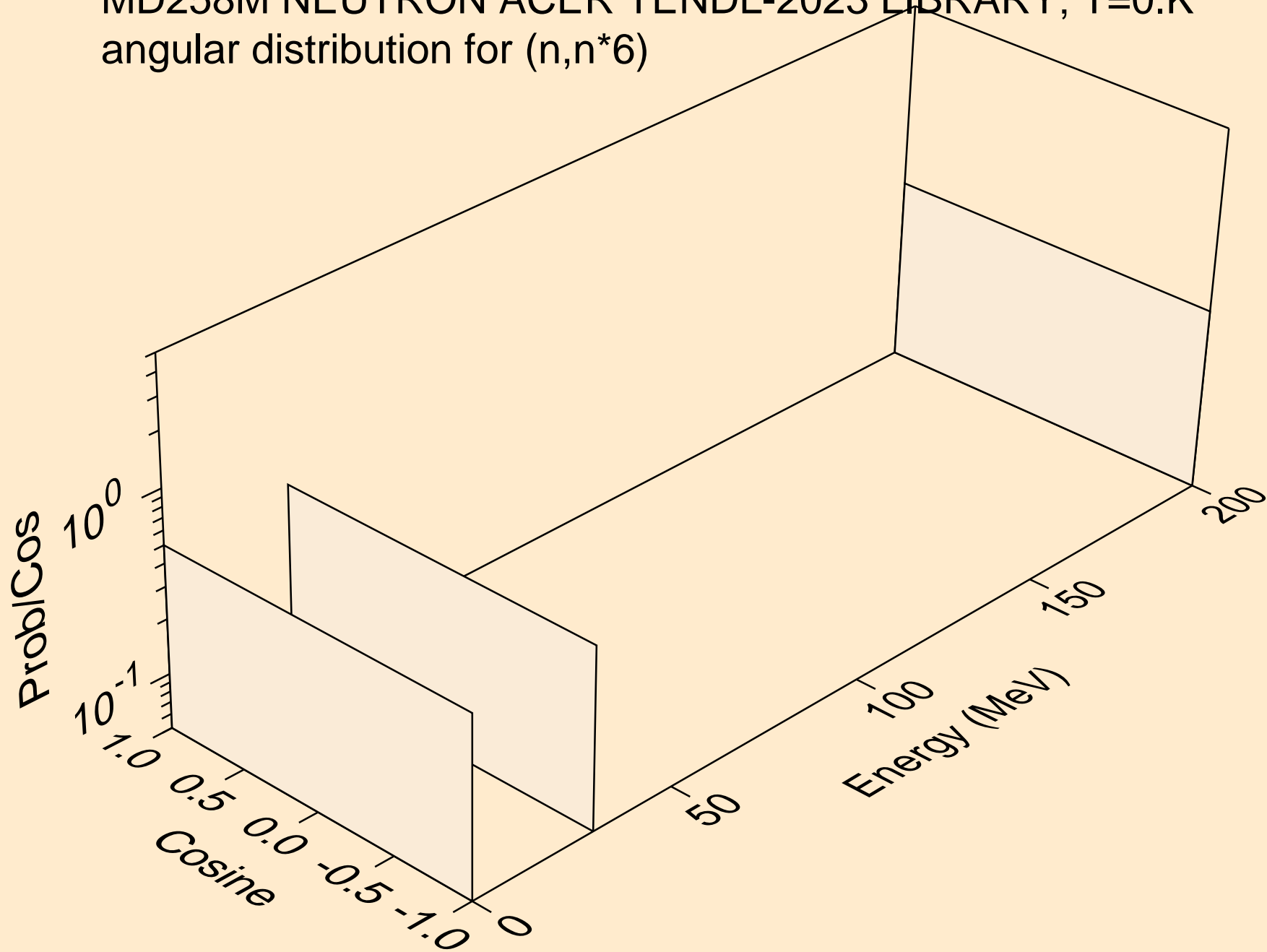
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



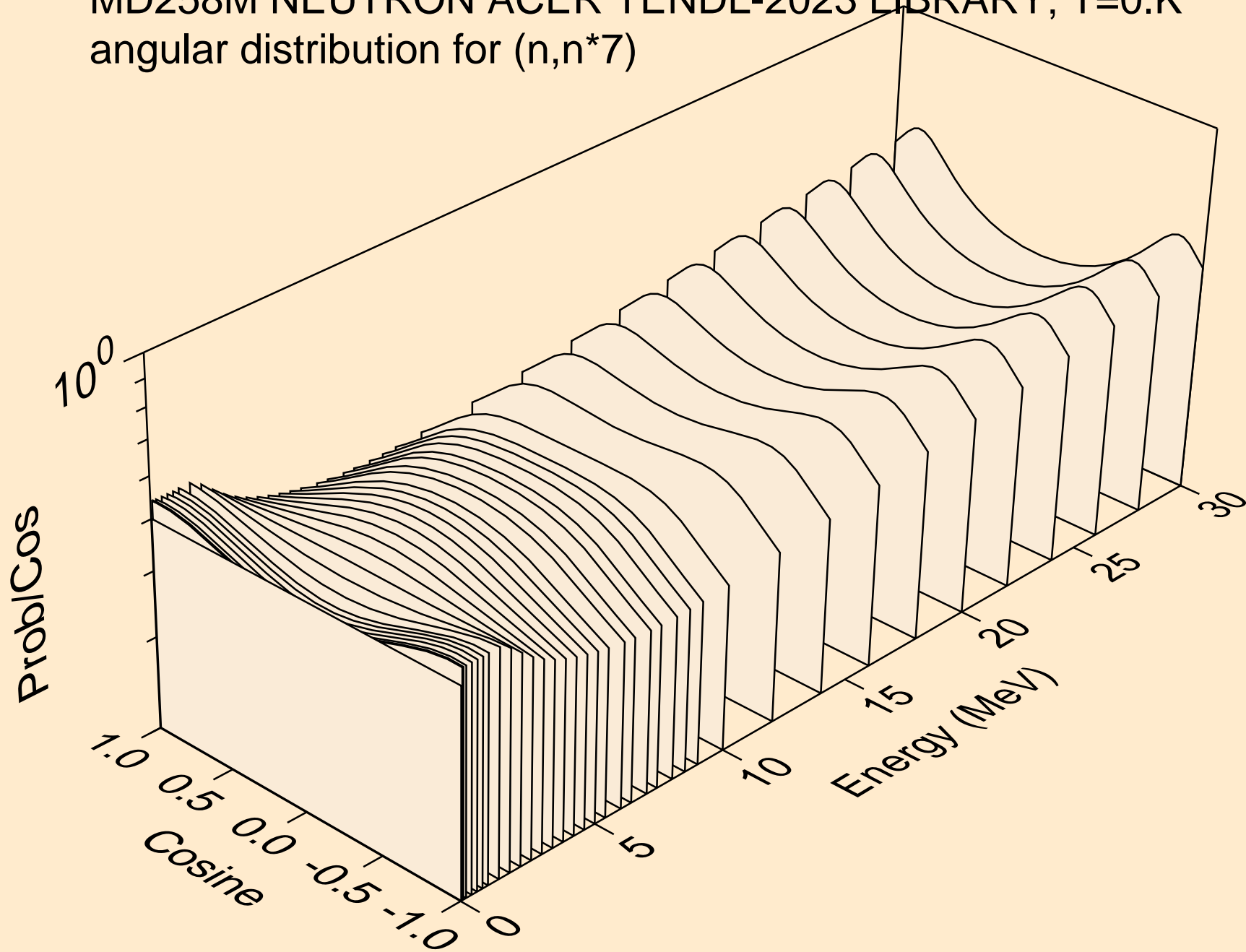
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



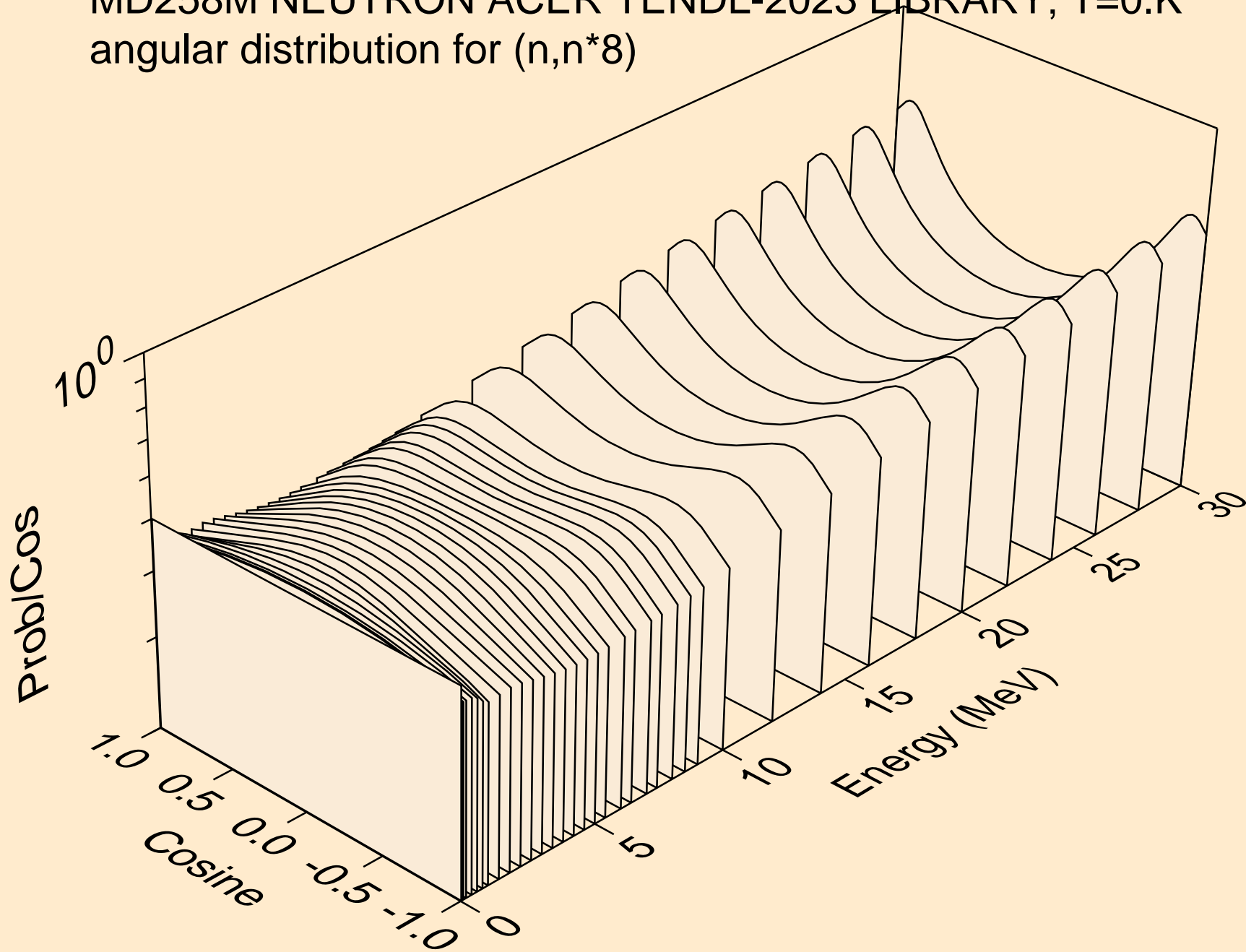
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



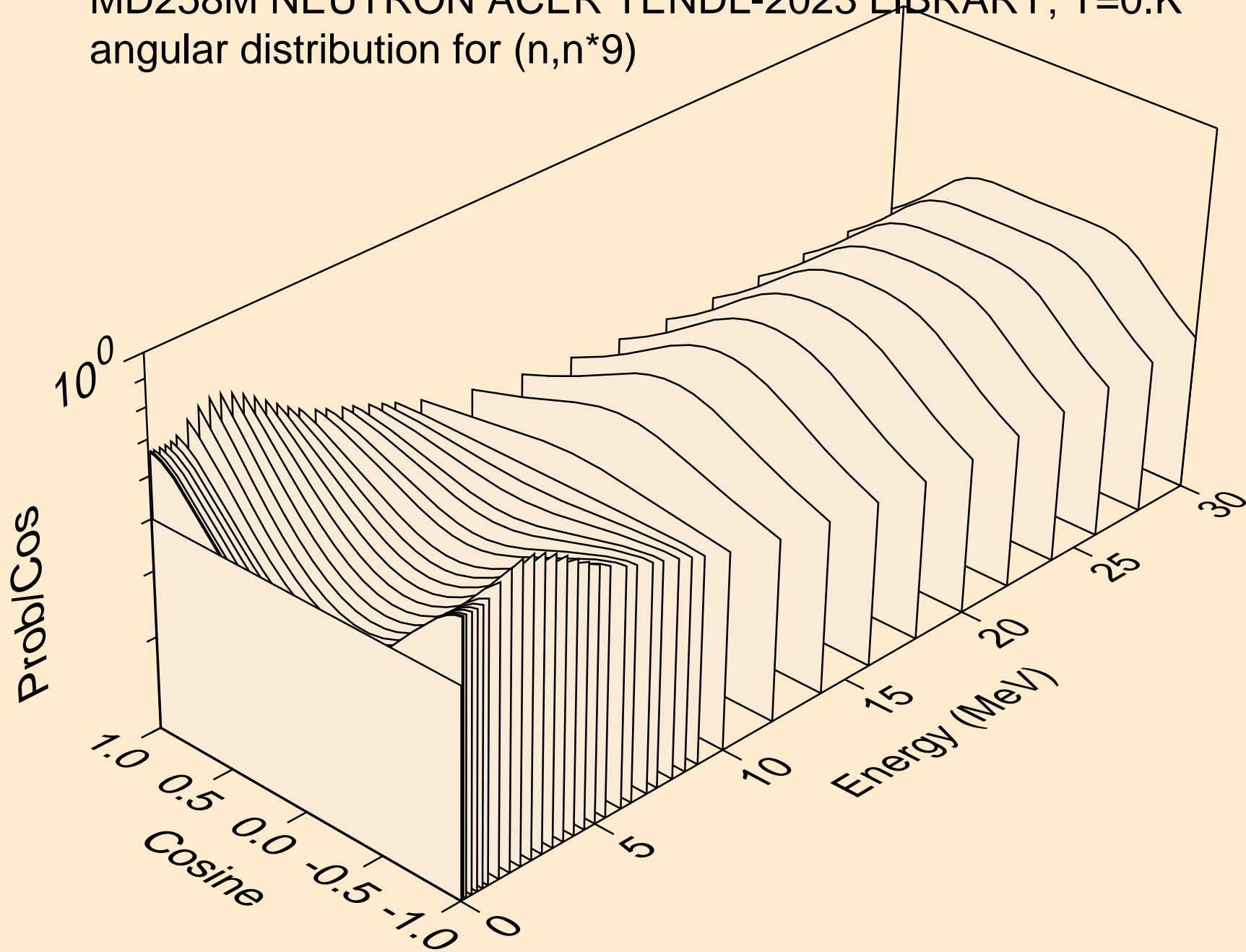
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



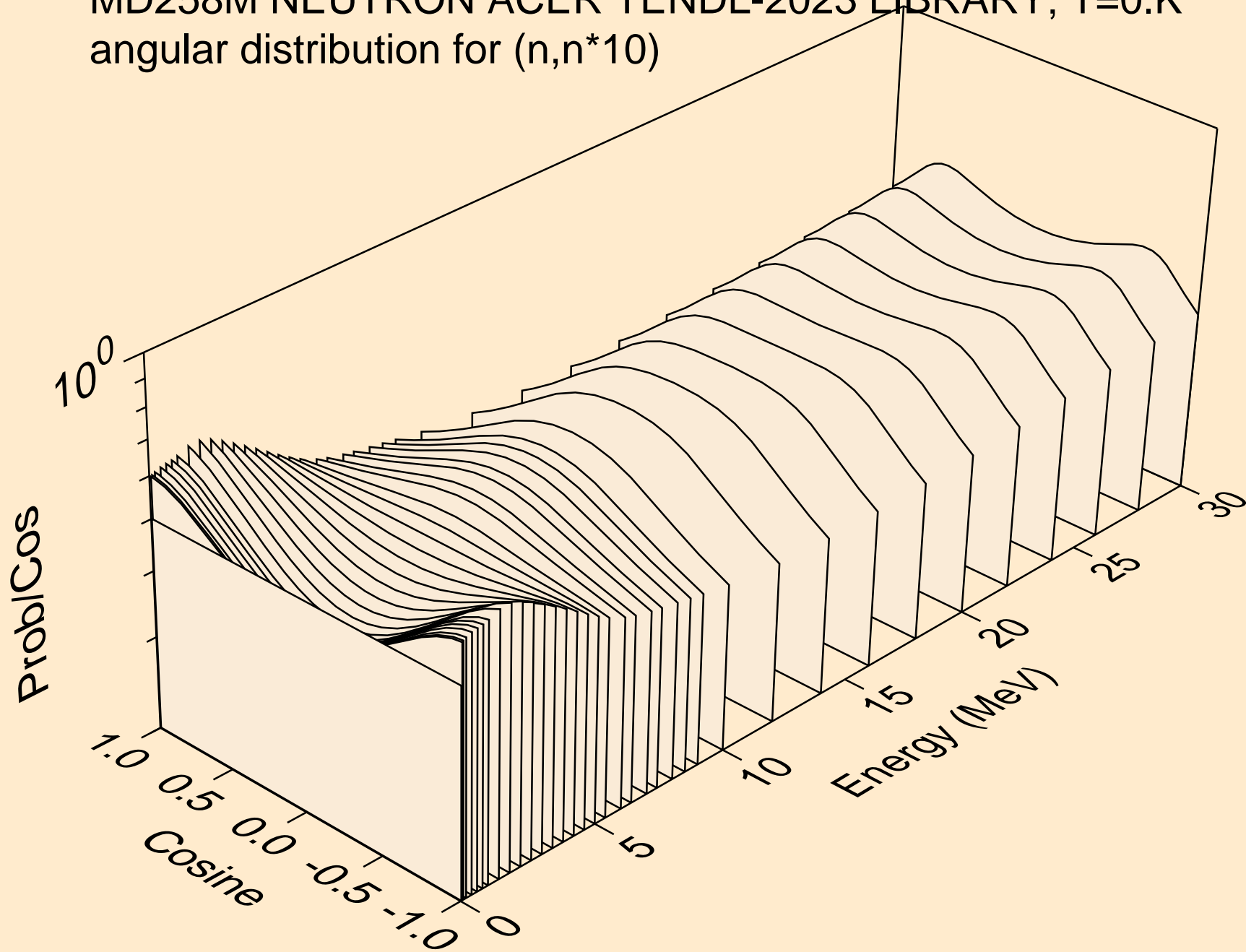
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

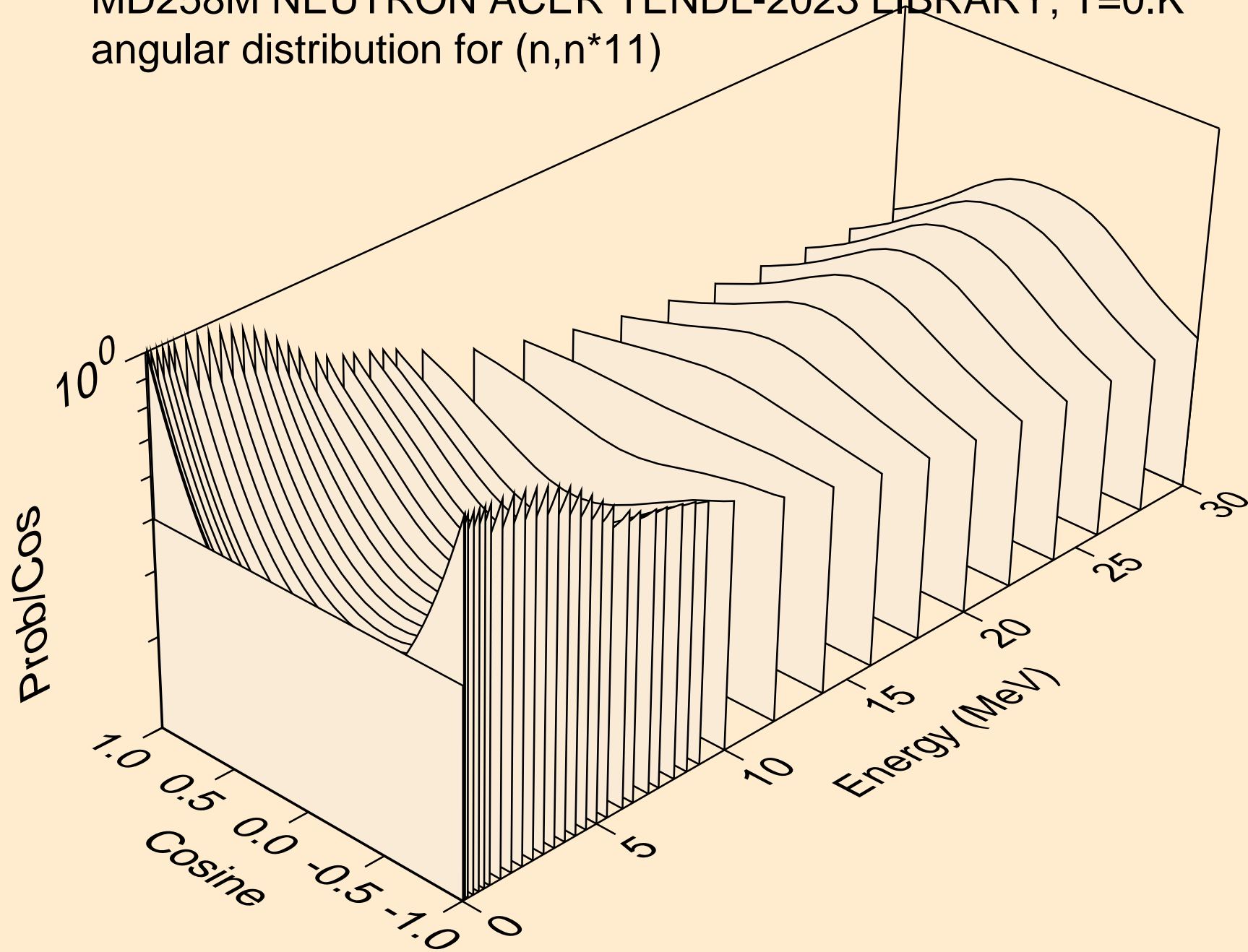


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

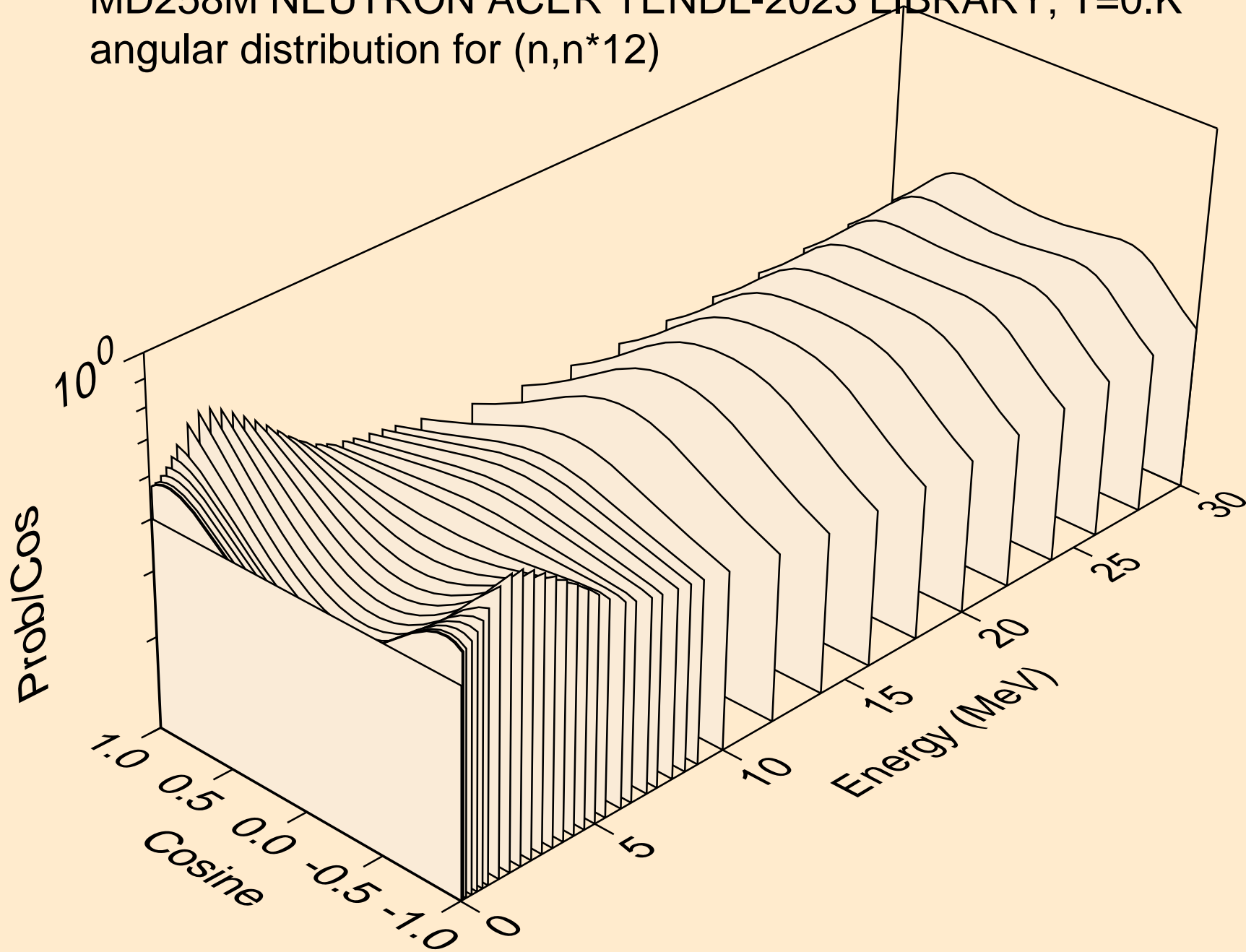




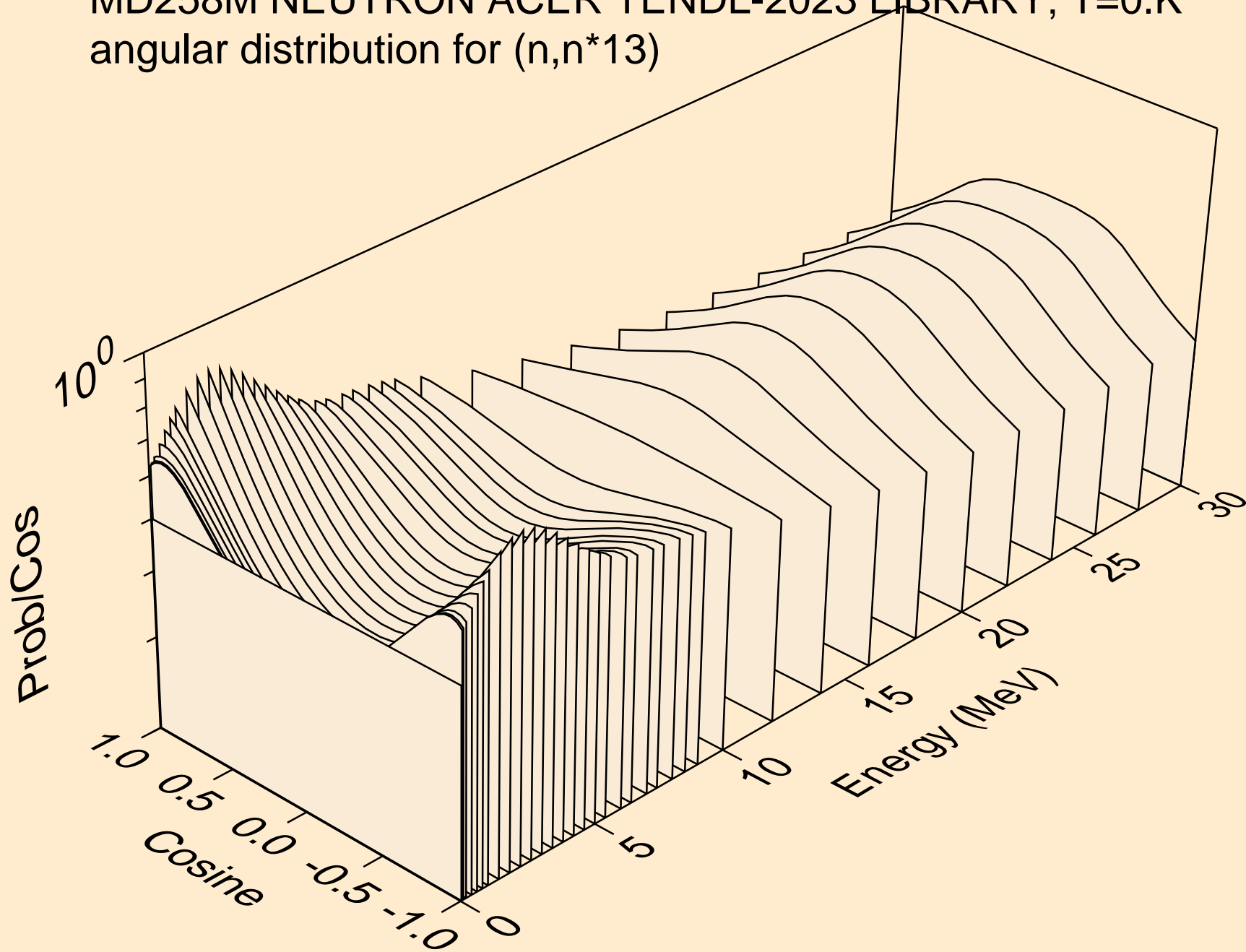
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



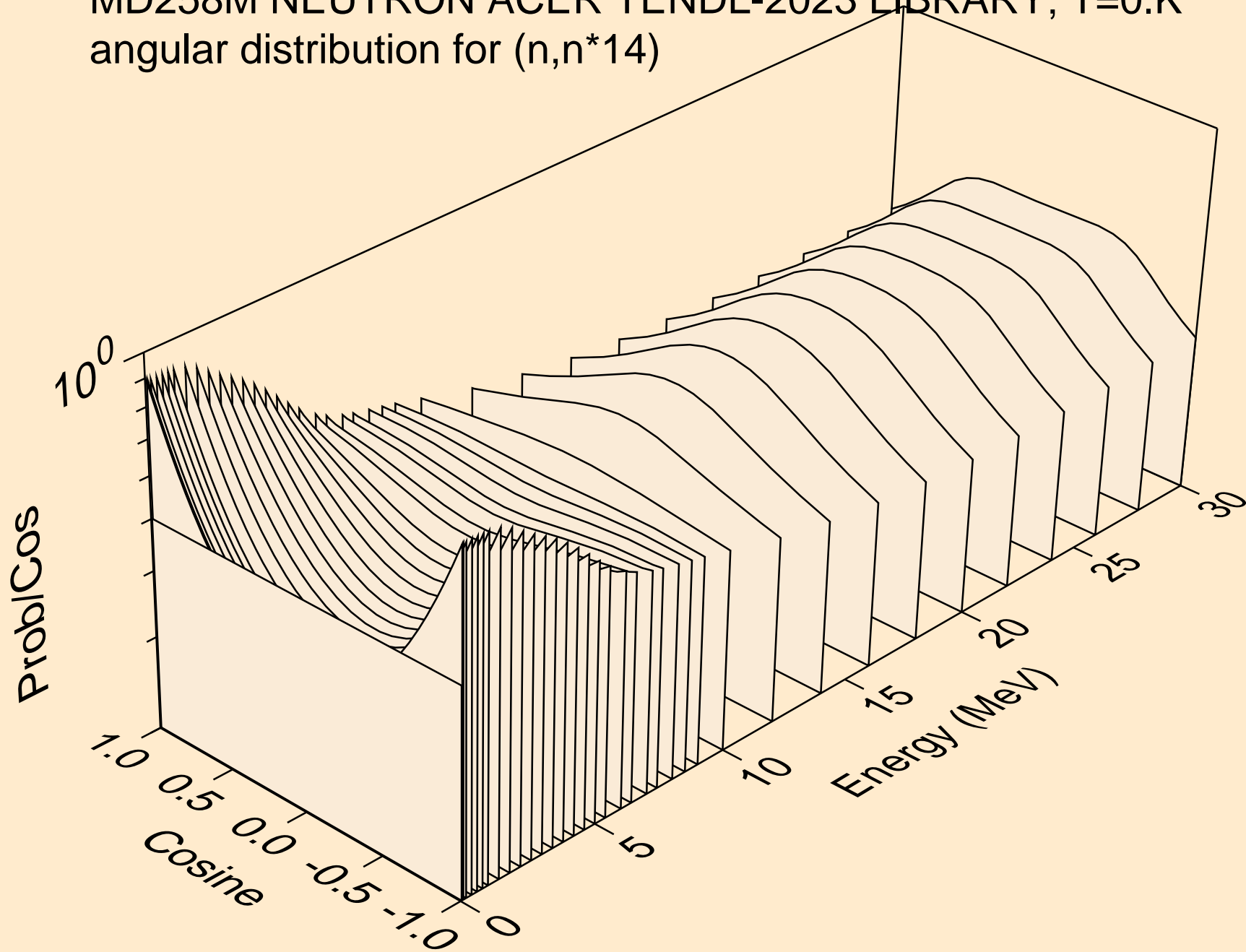
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angular distribution for (n,n\*12)



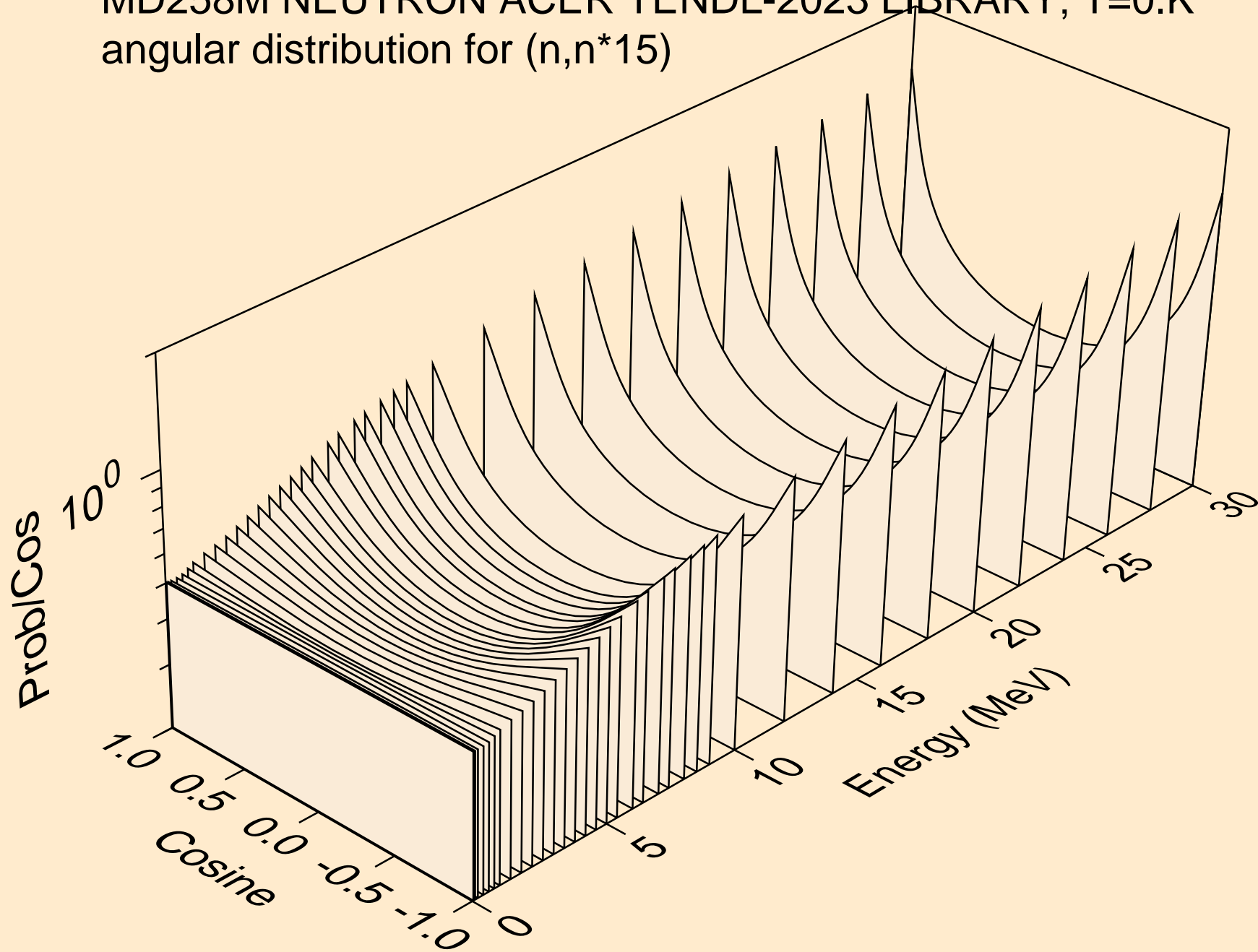
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angular distribution for (n,n\*13)



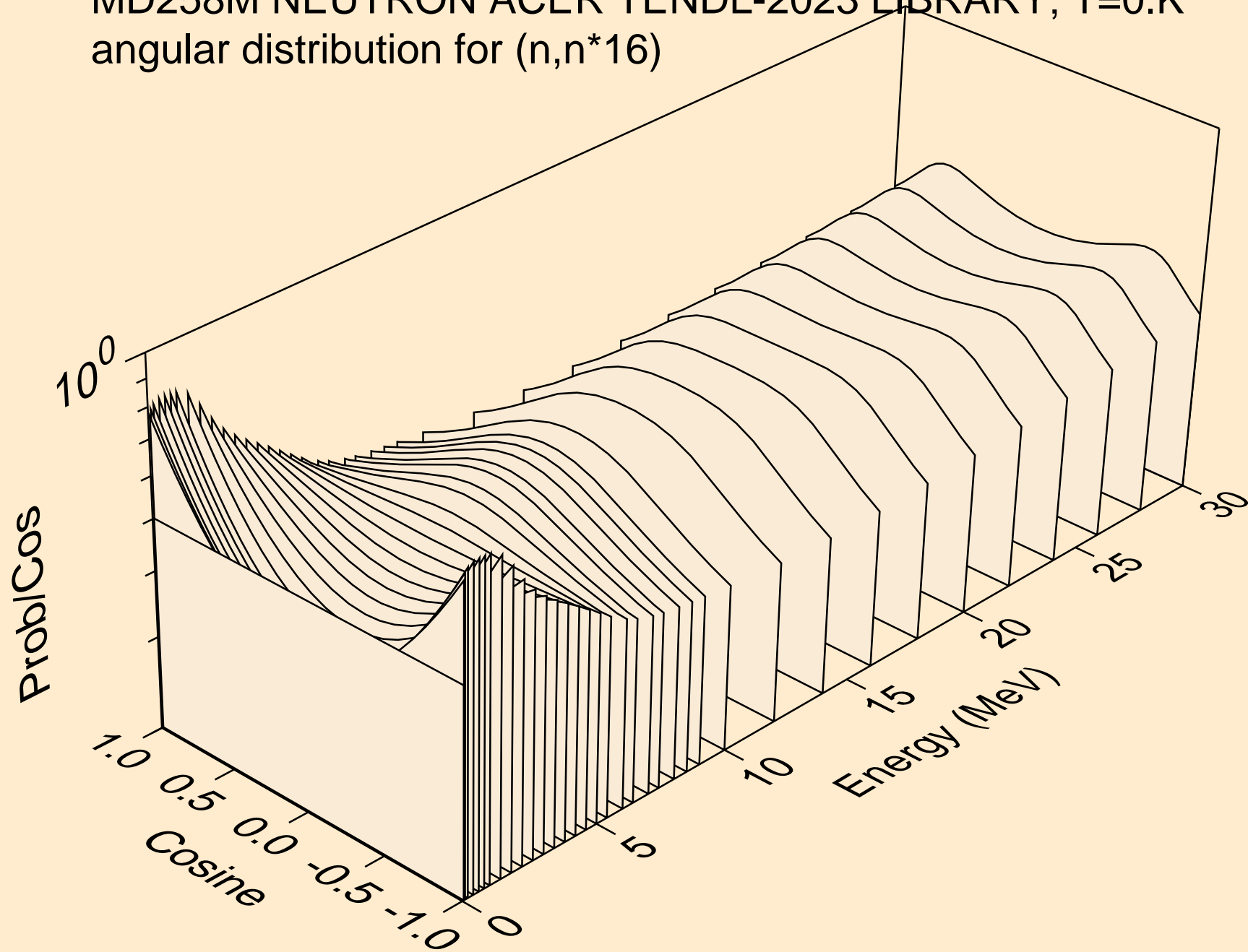
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angular distribution for (n,n\*14)



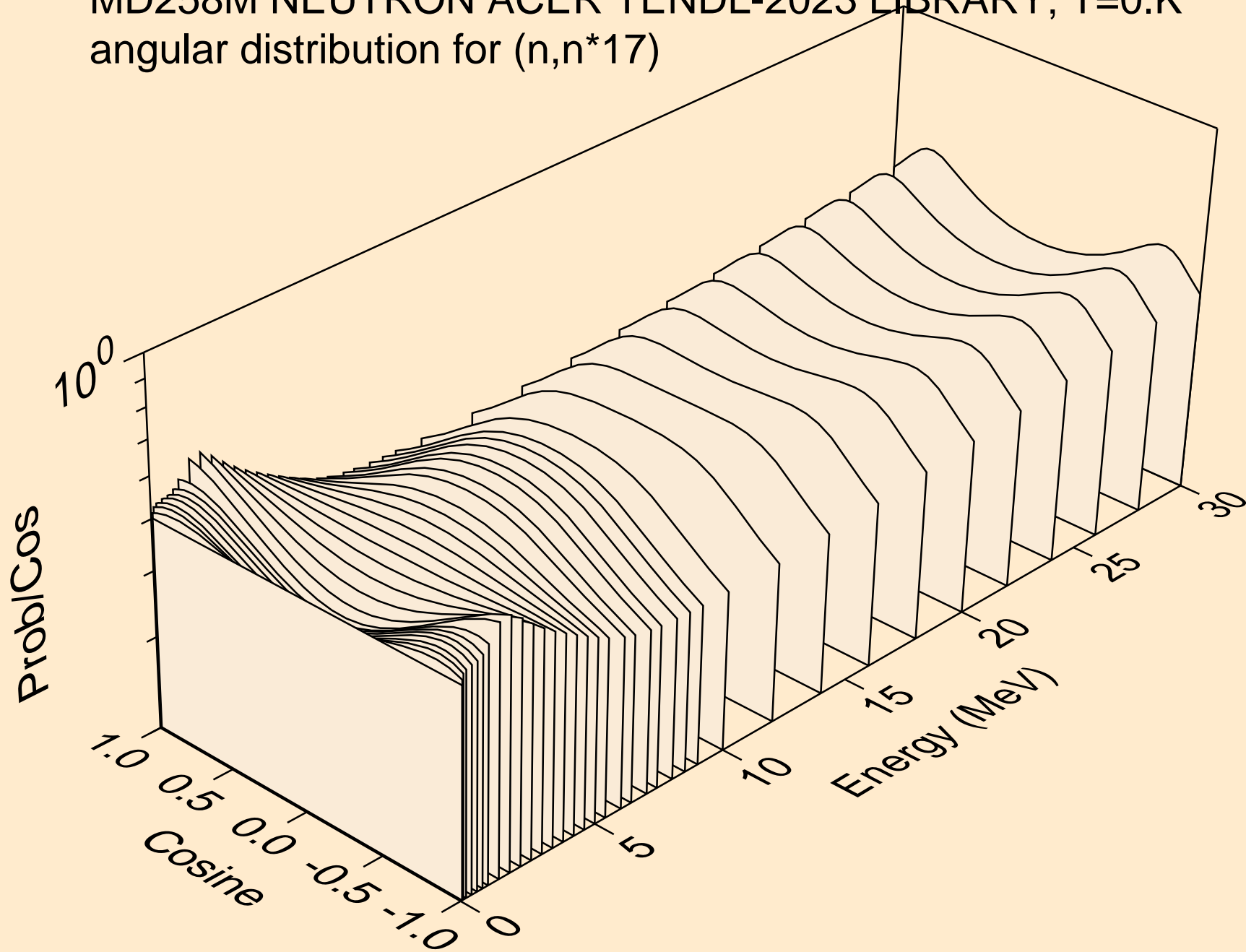
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



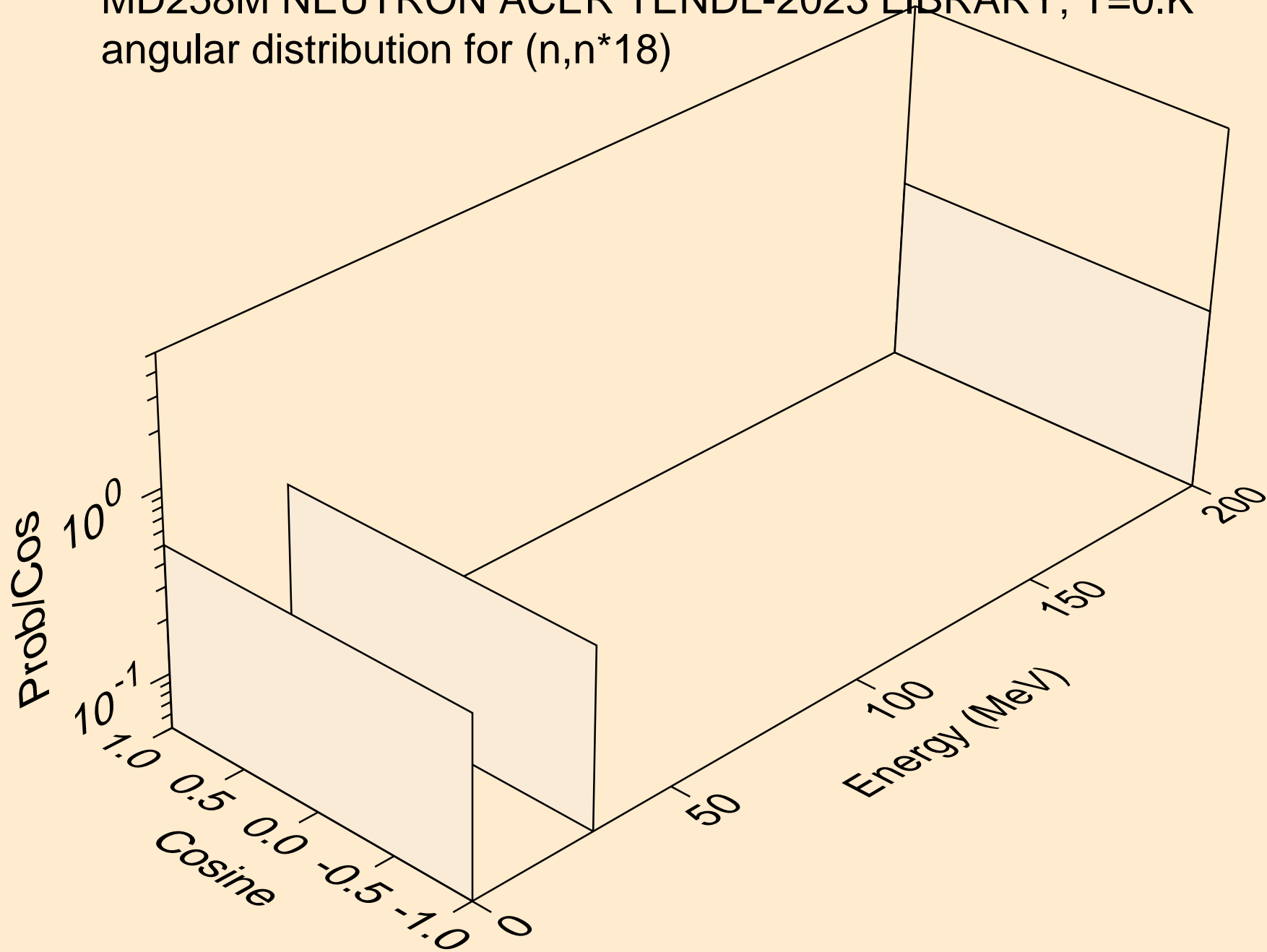
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

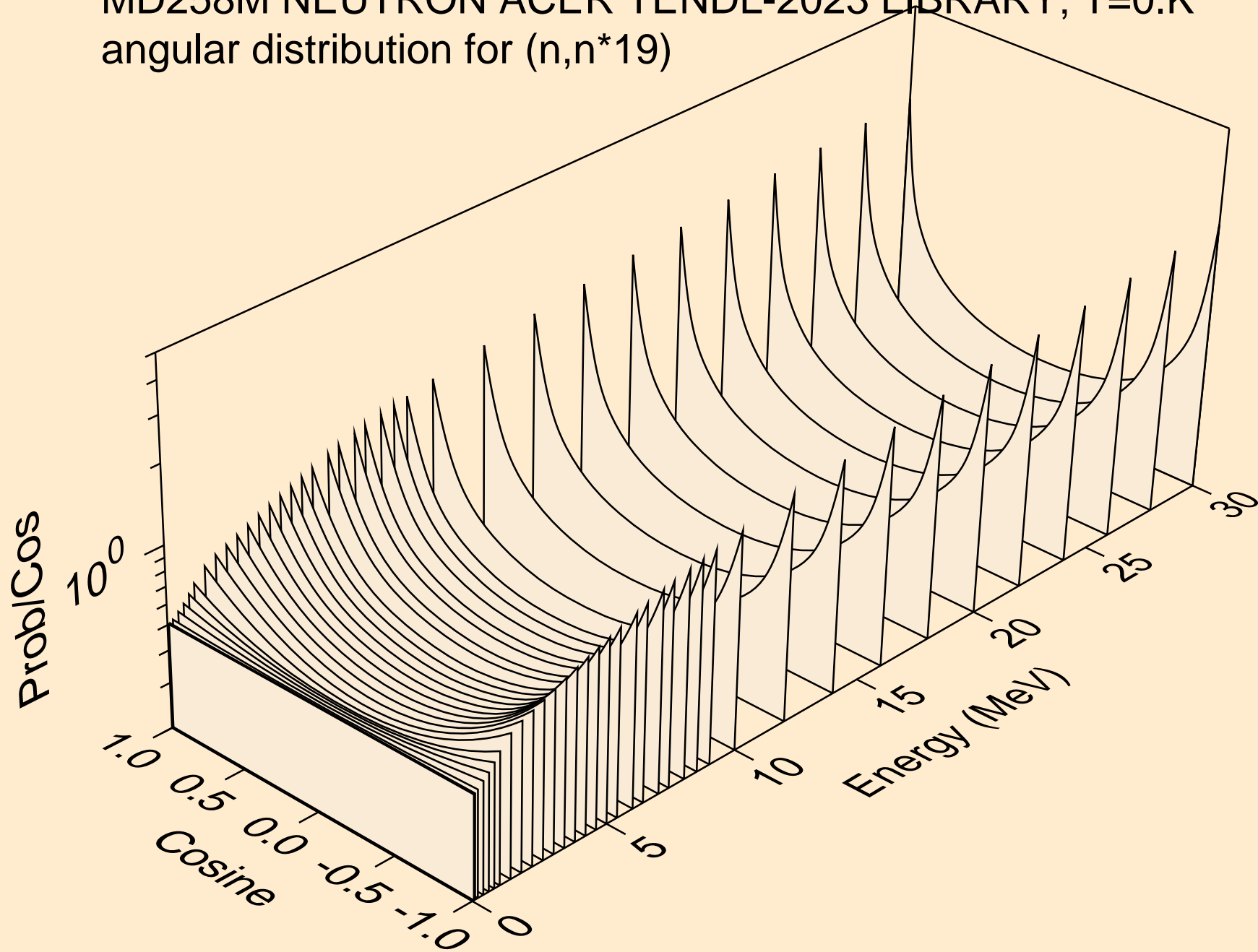


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

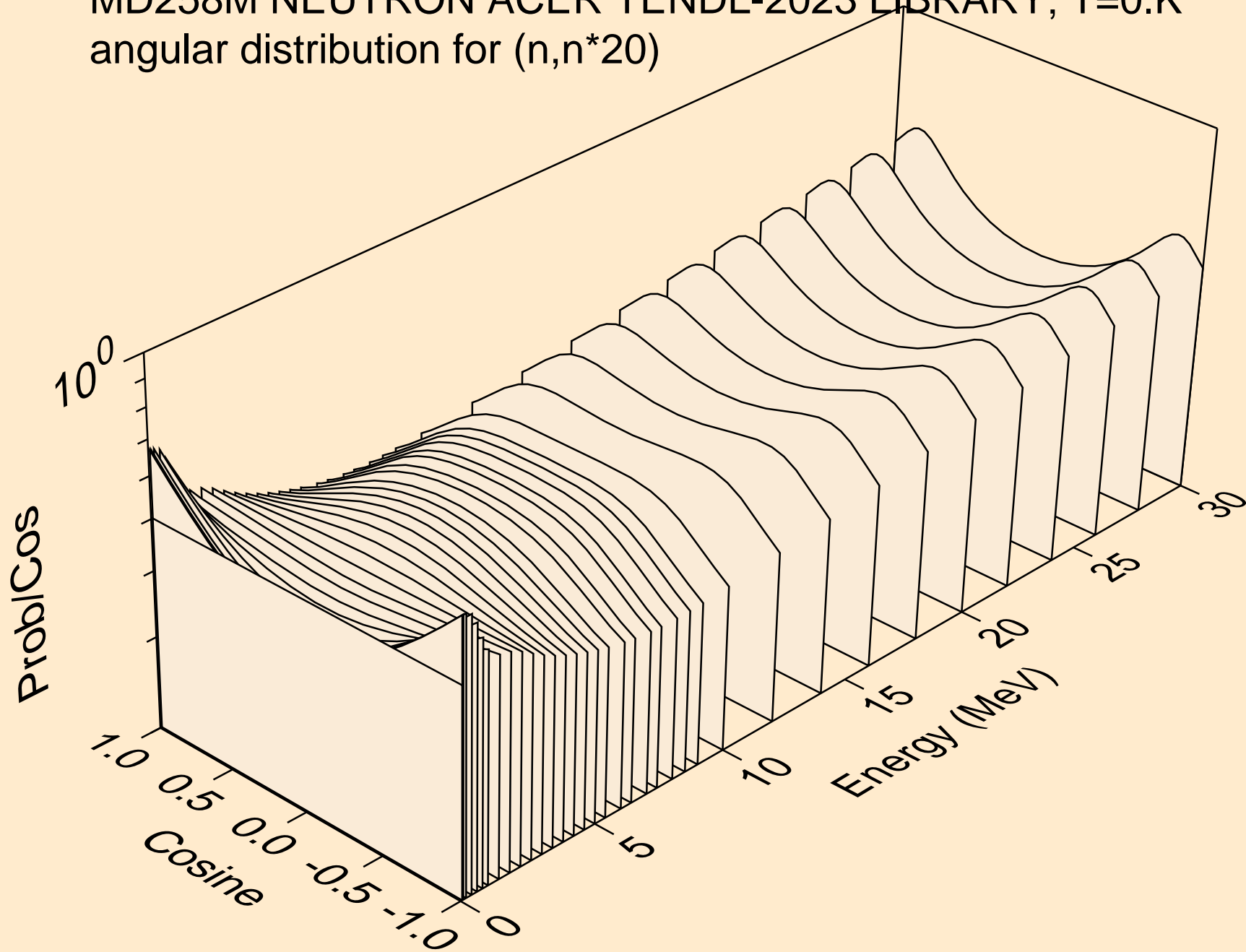




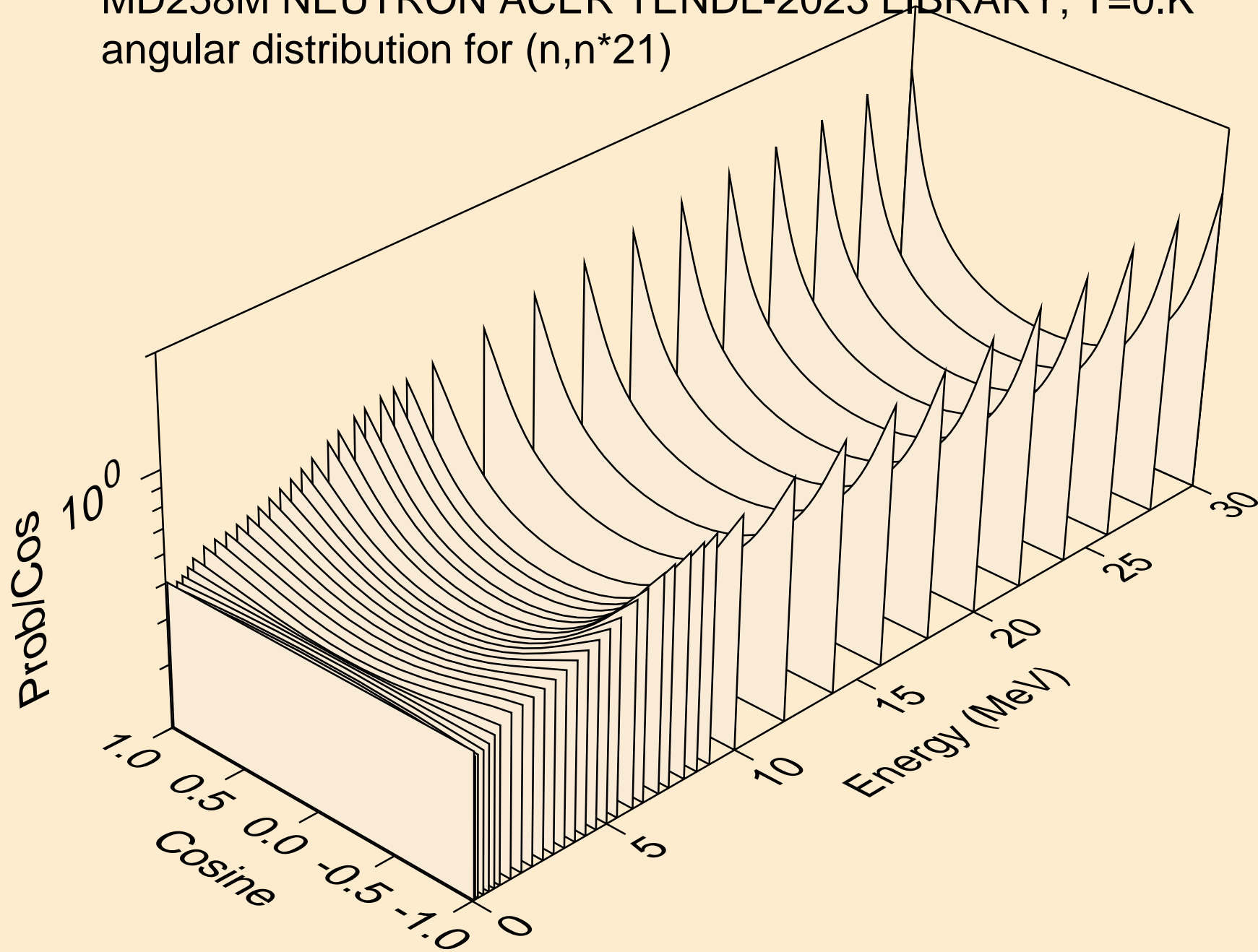
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



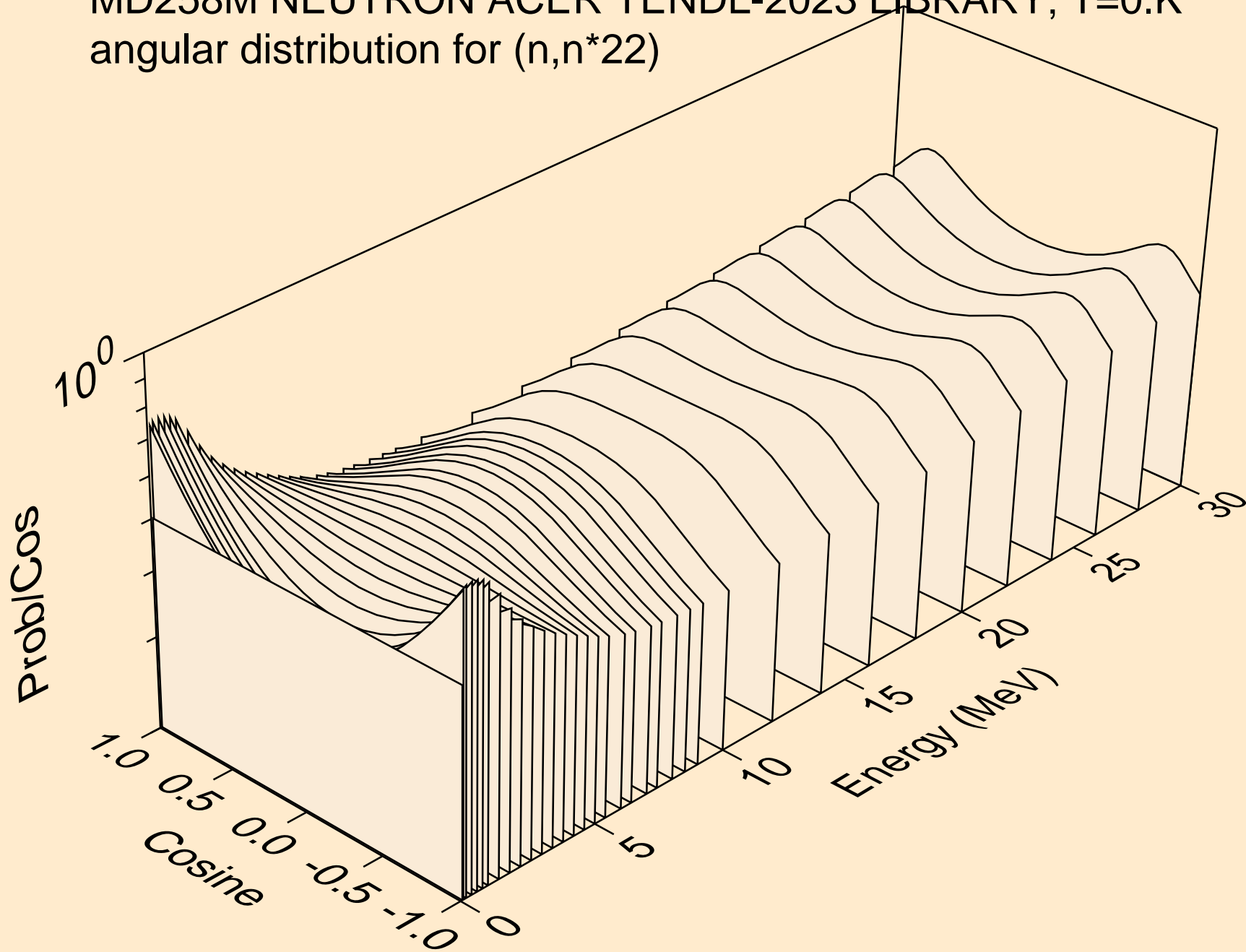
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



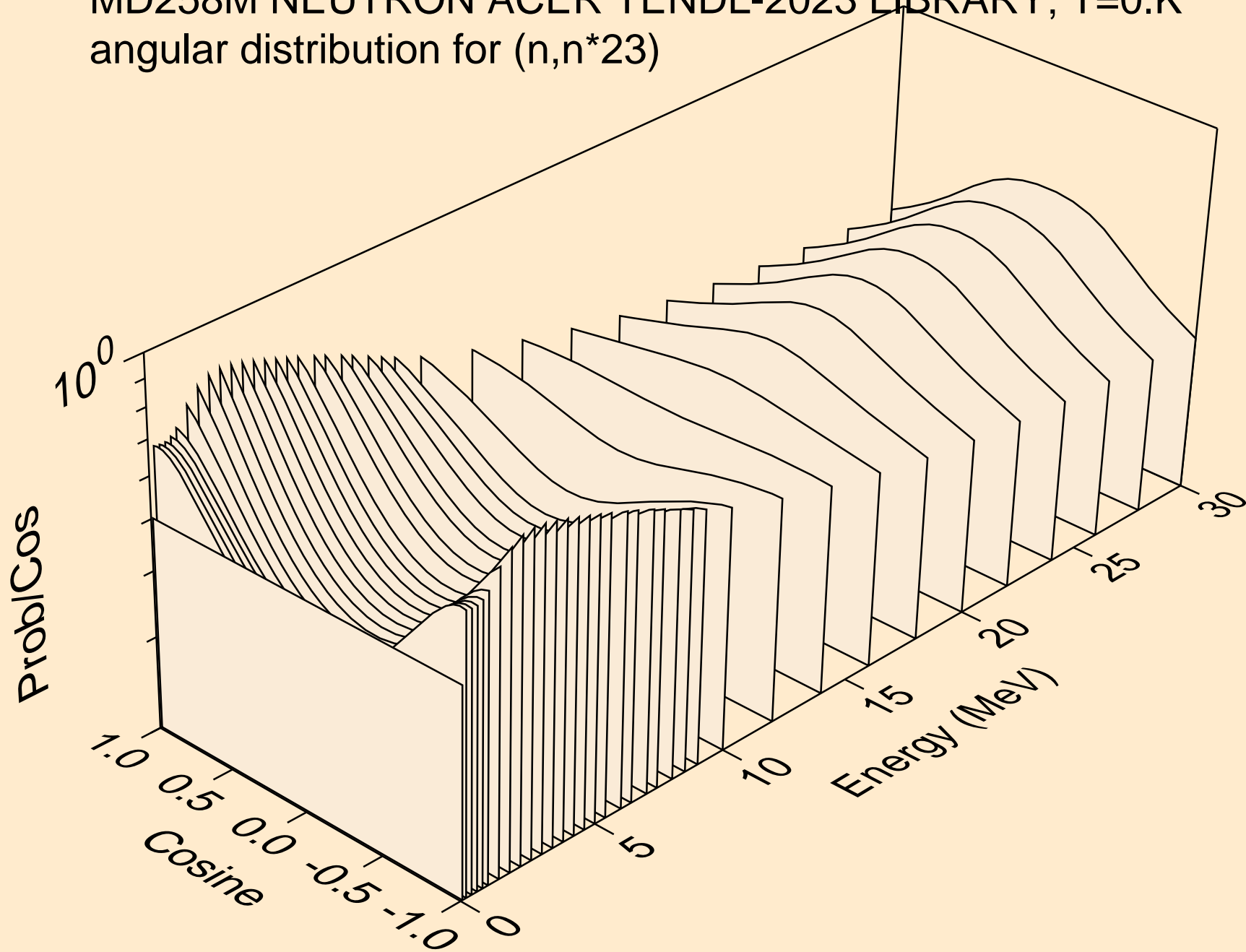
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

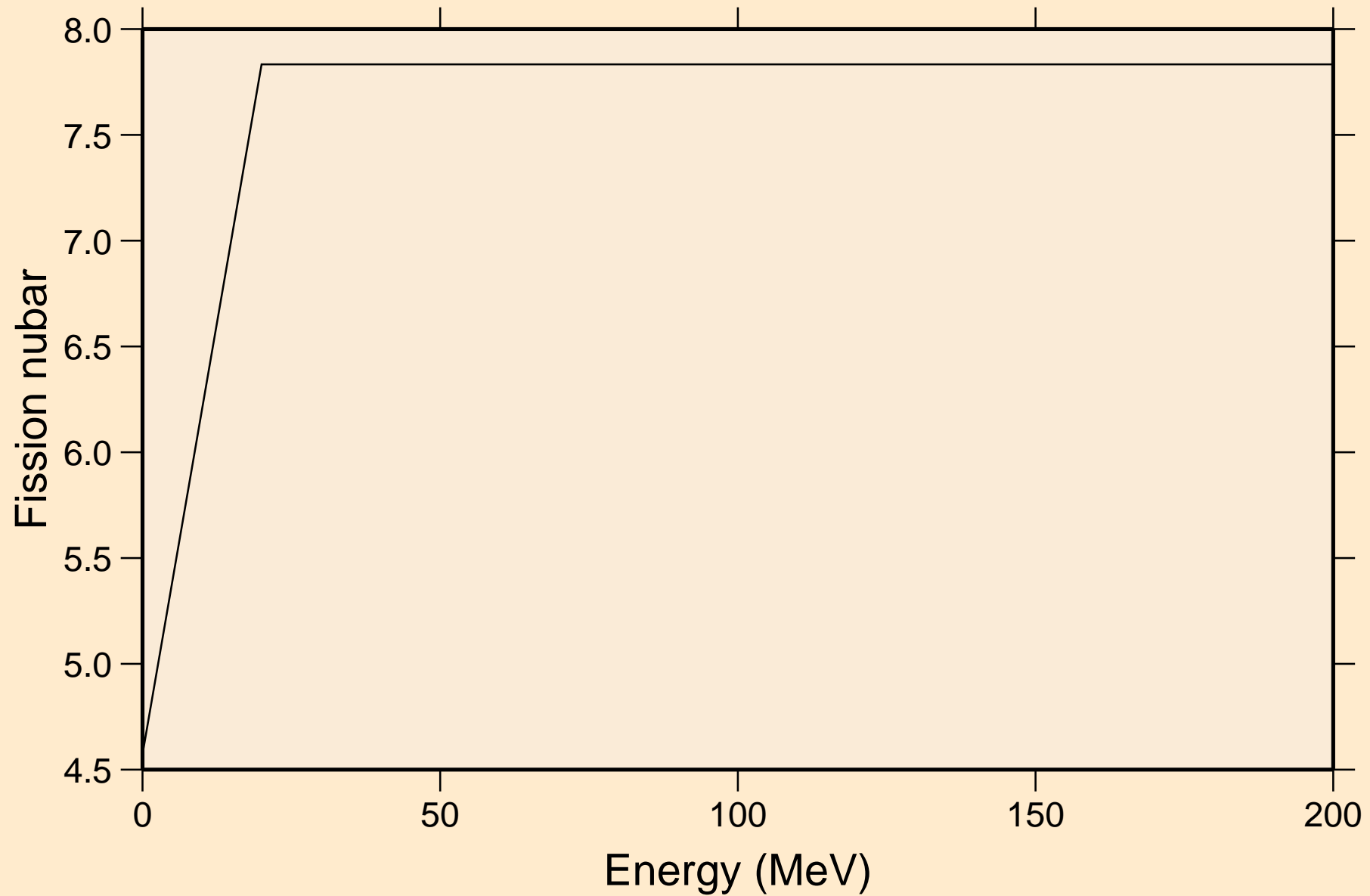


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

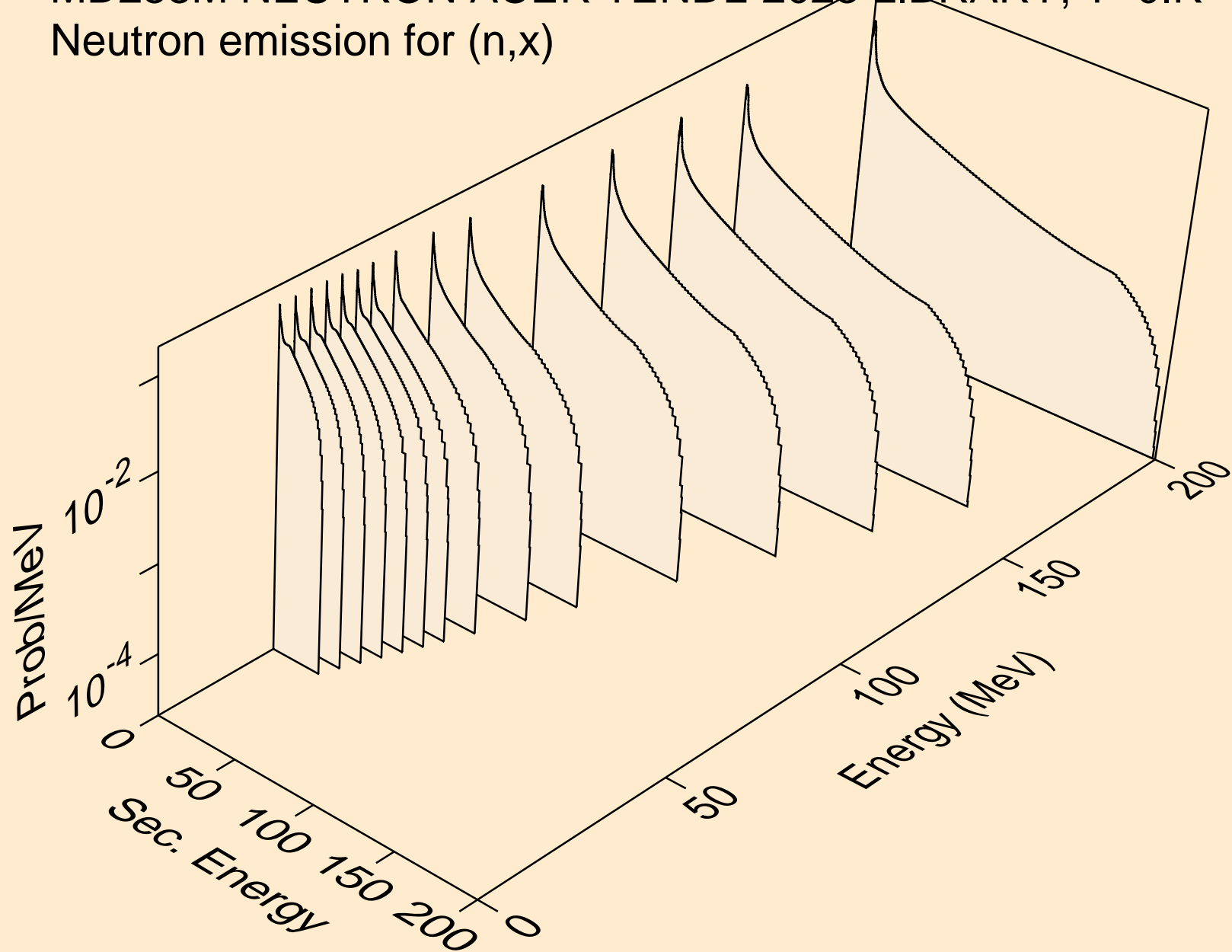


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

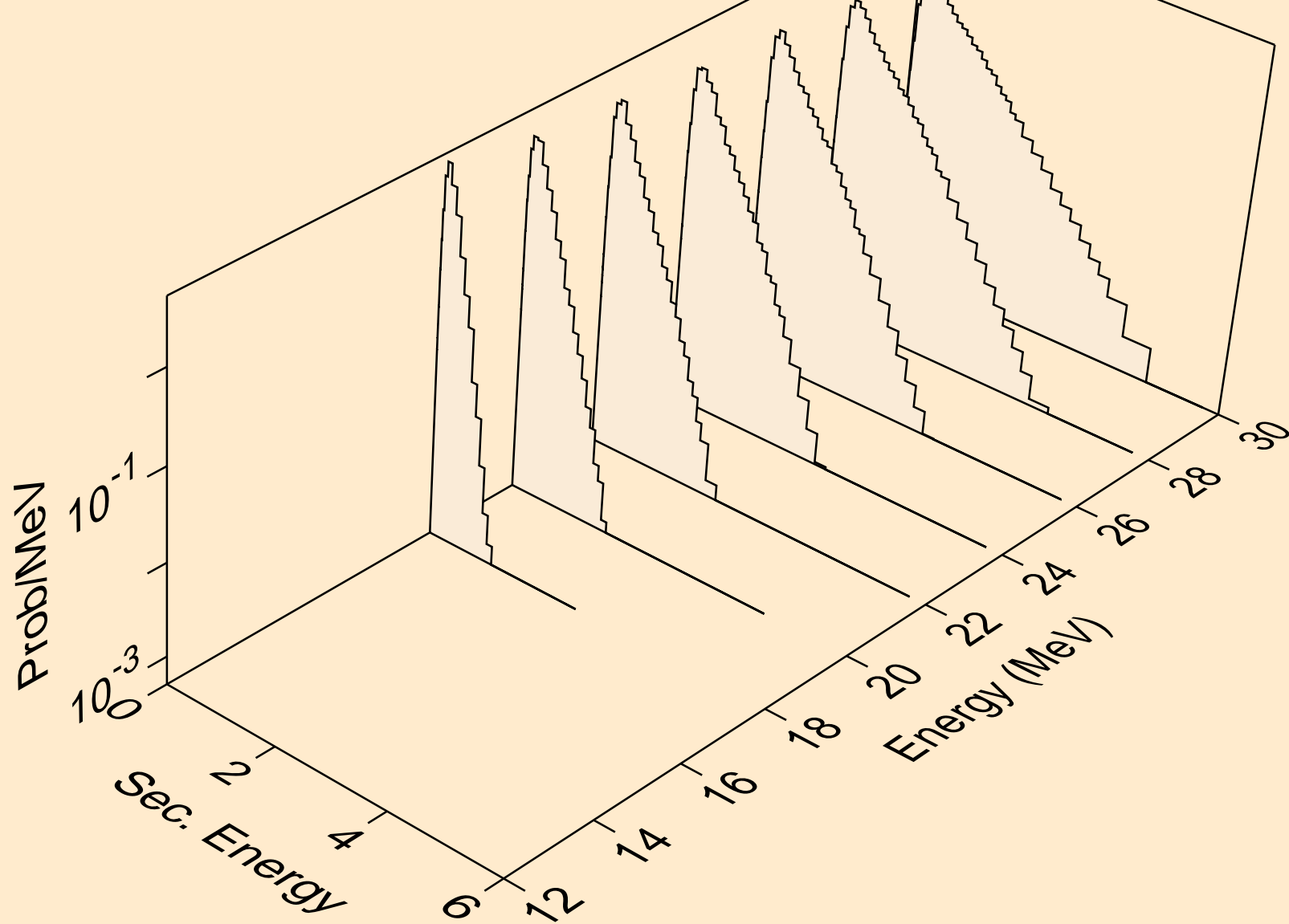
Total fission nubar



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

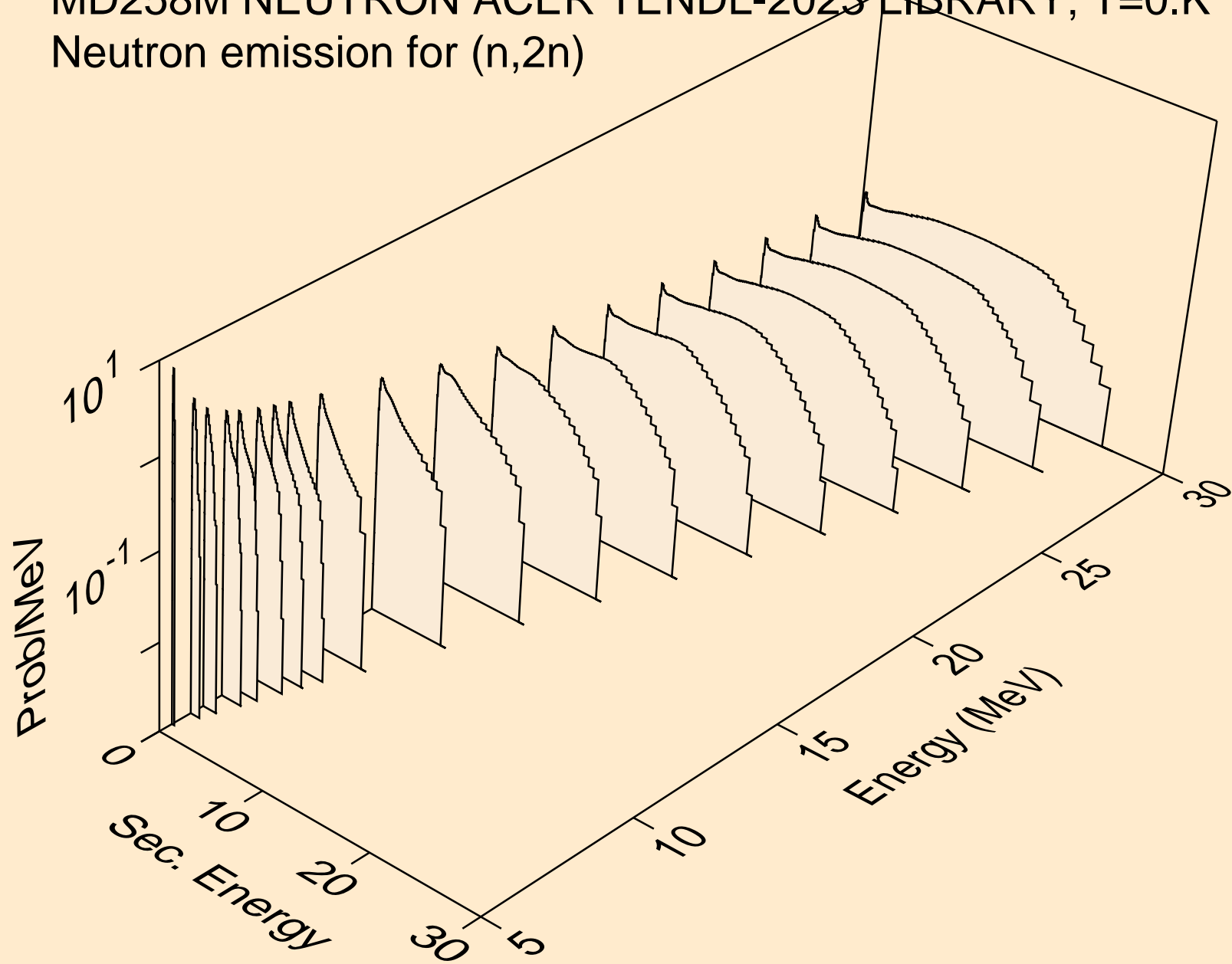


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

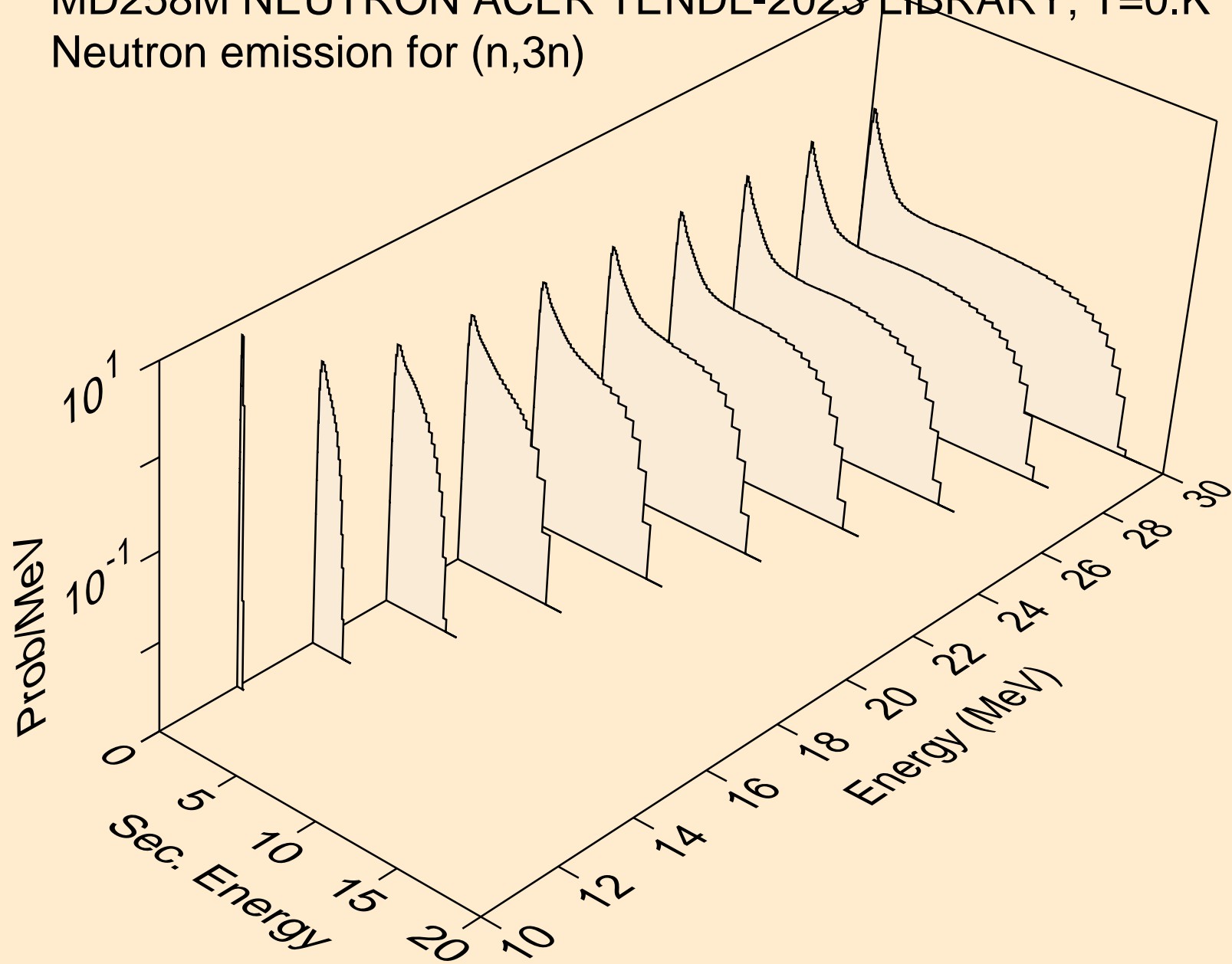




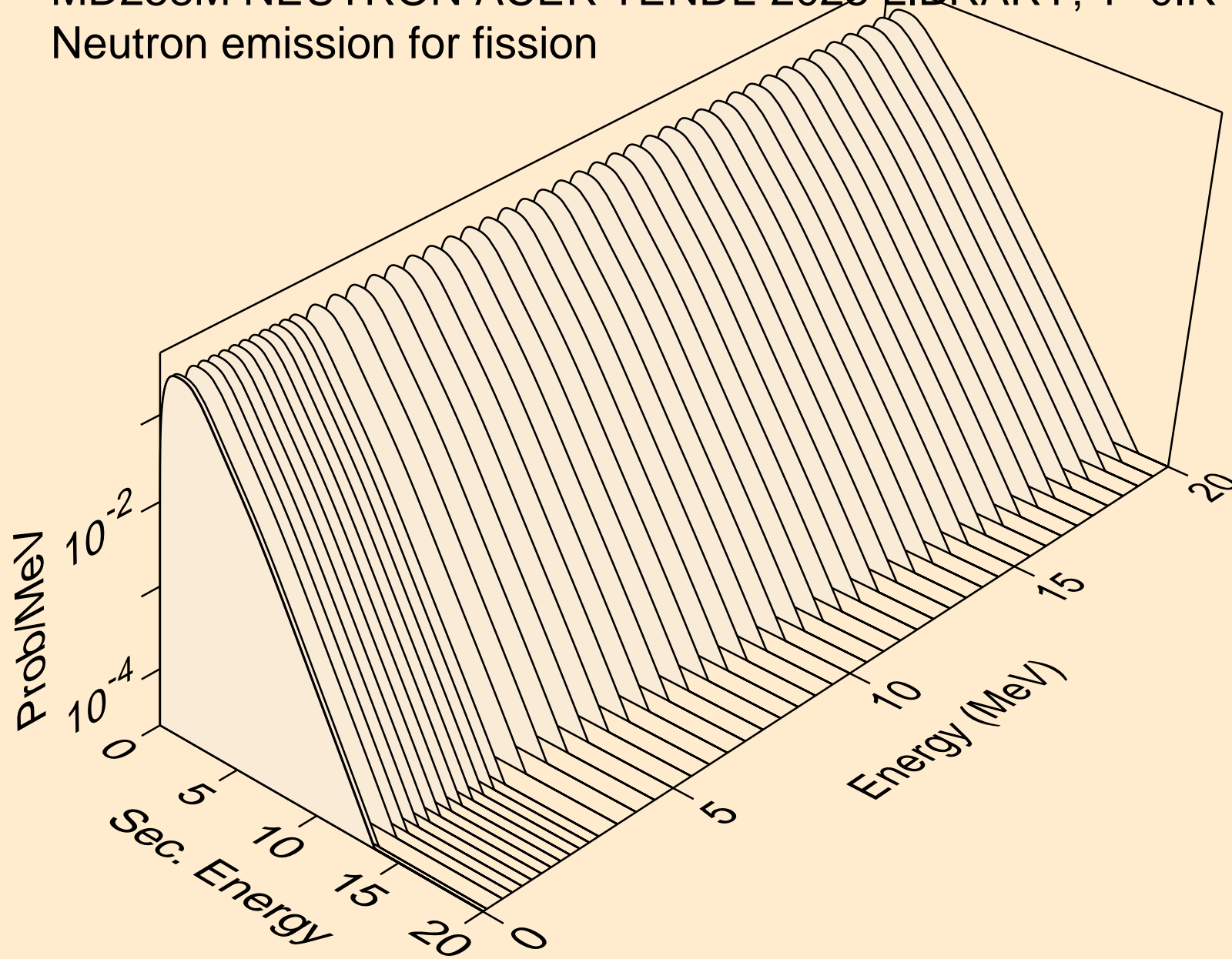
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



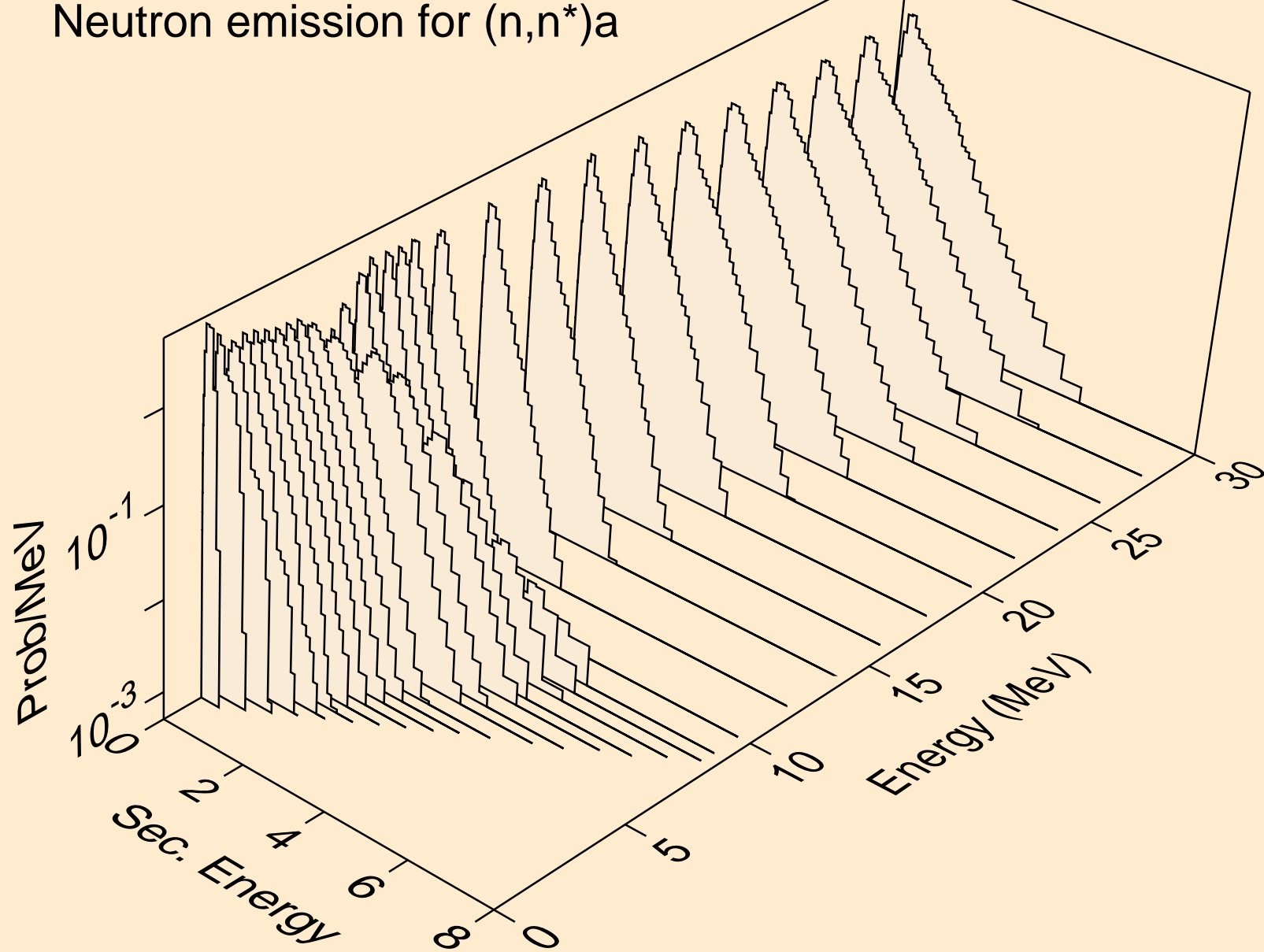
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



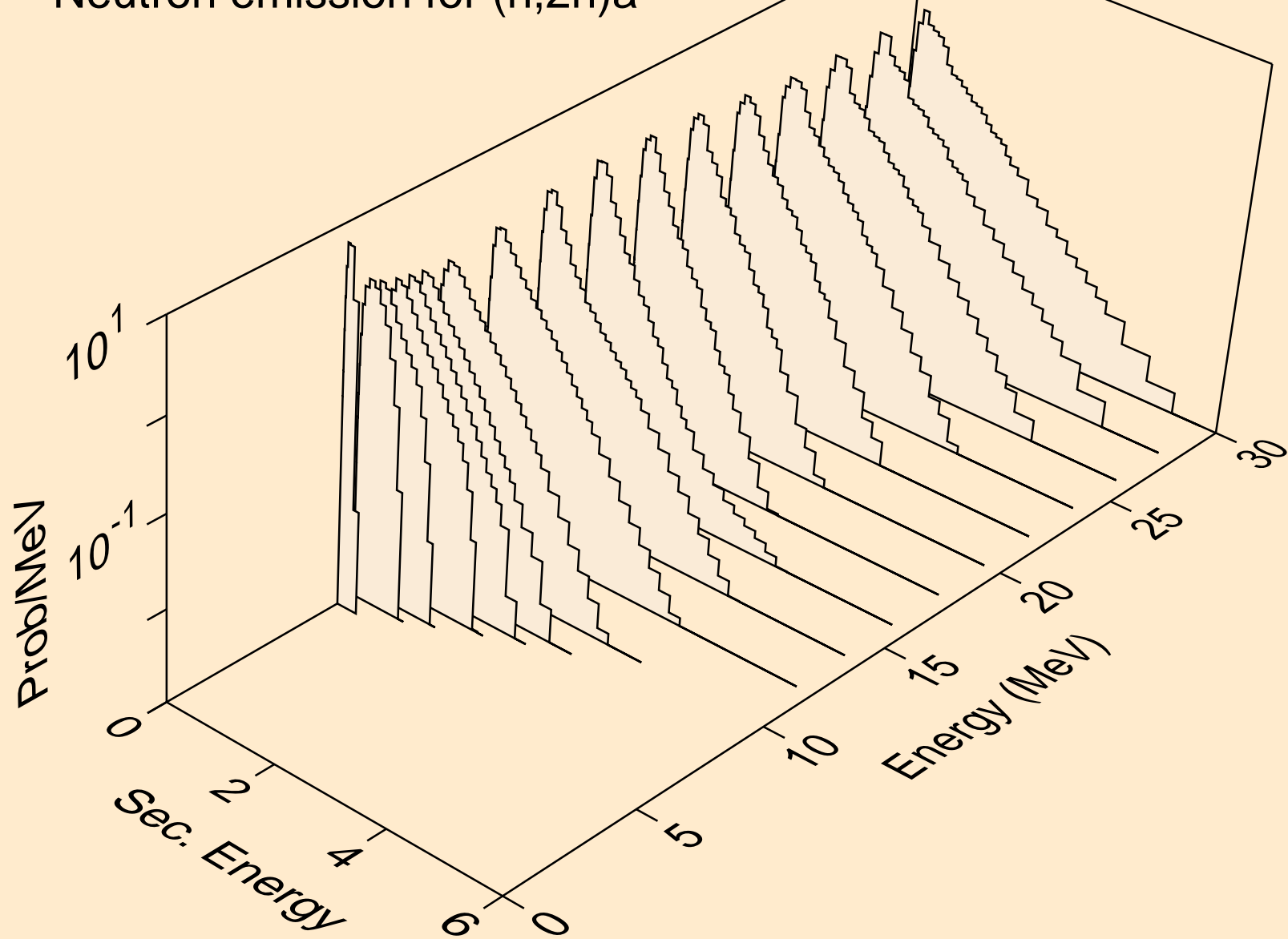
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



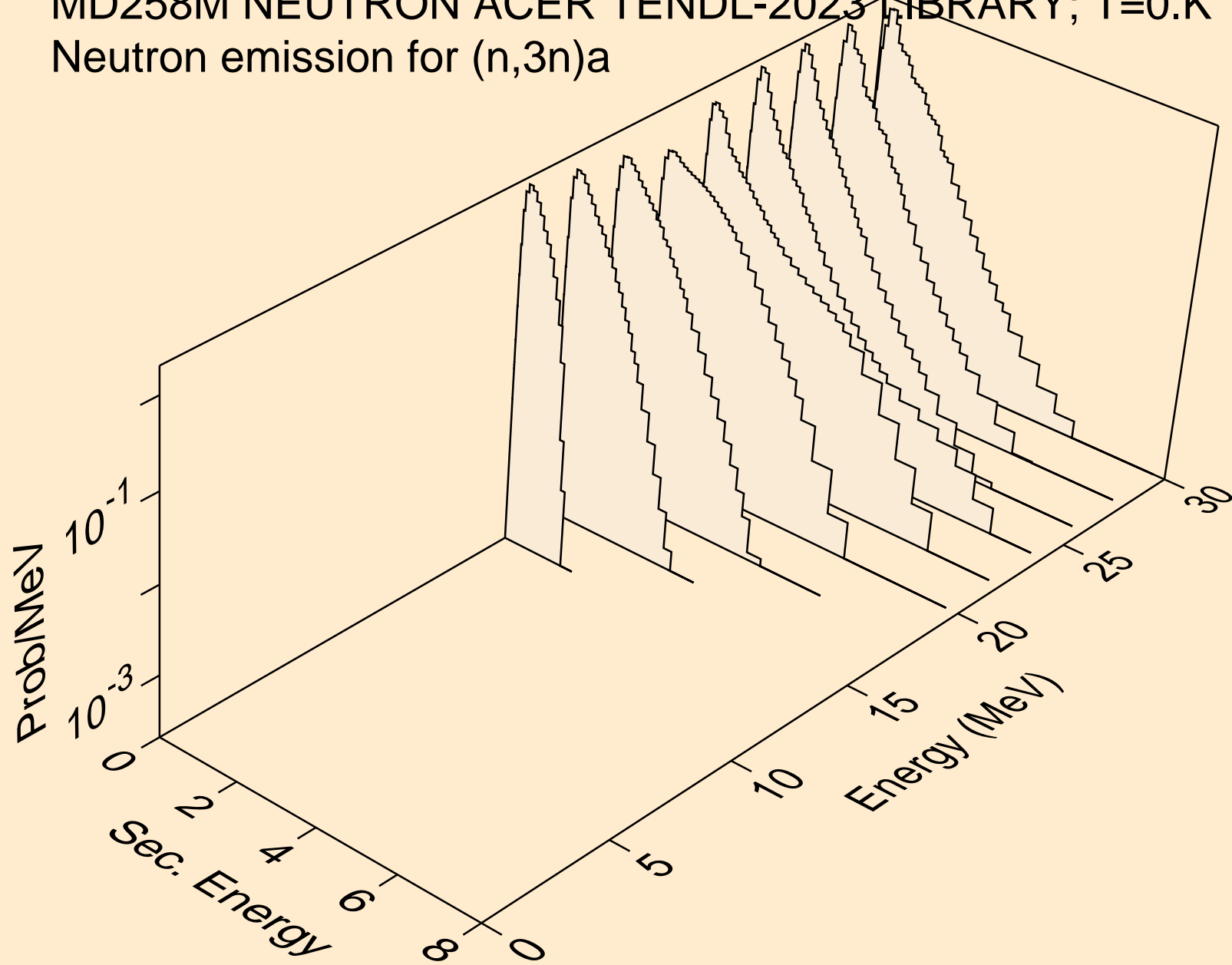
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



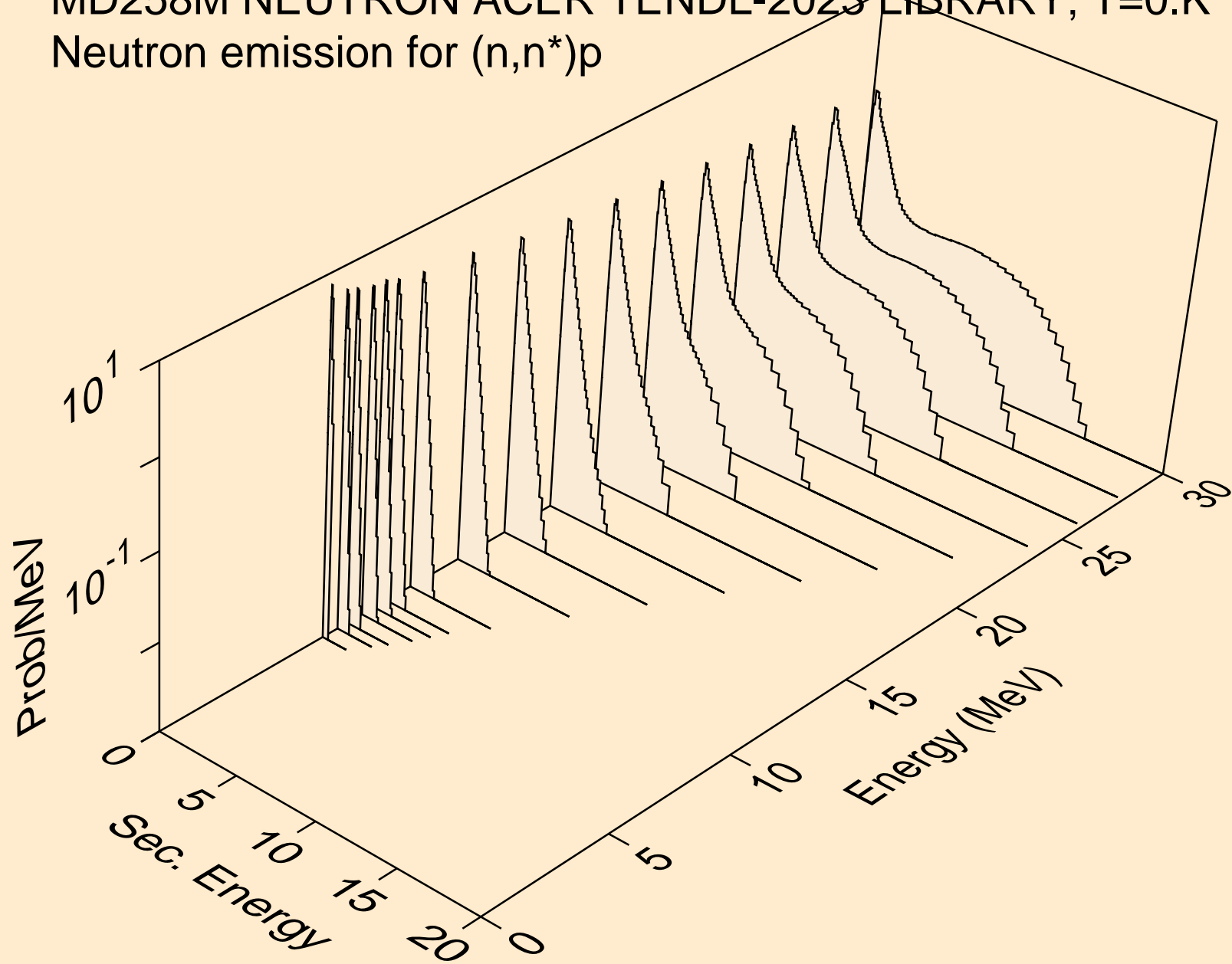
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



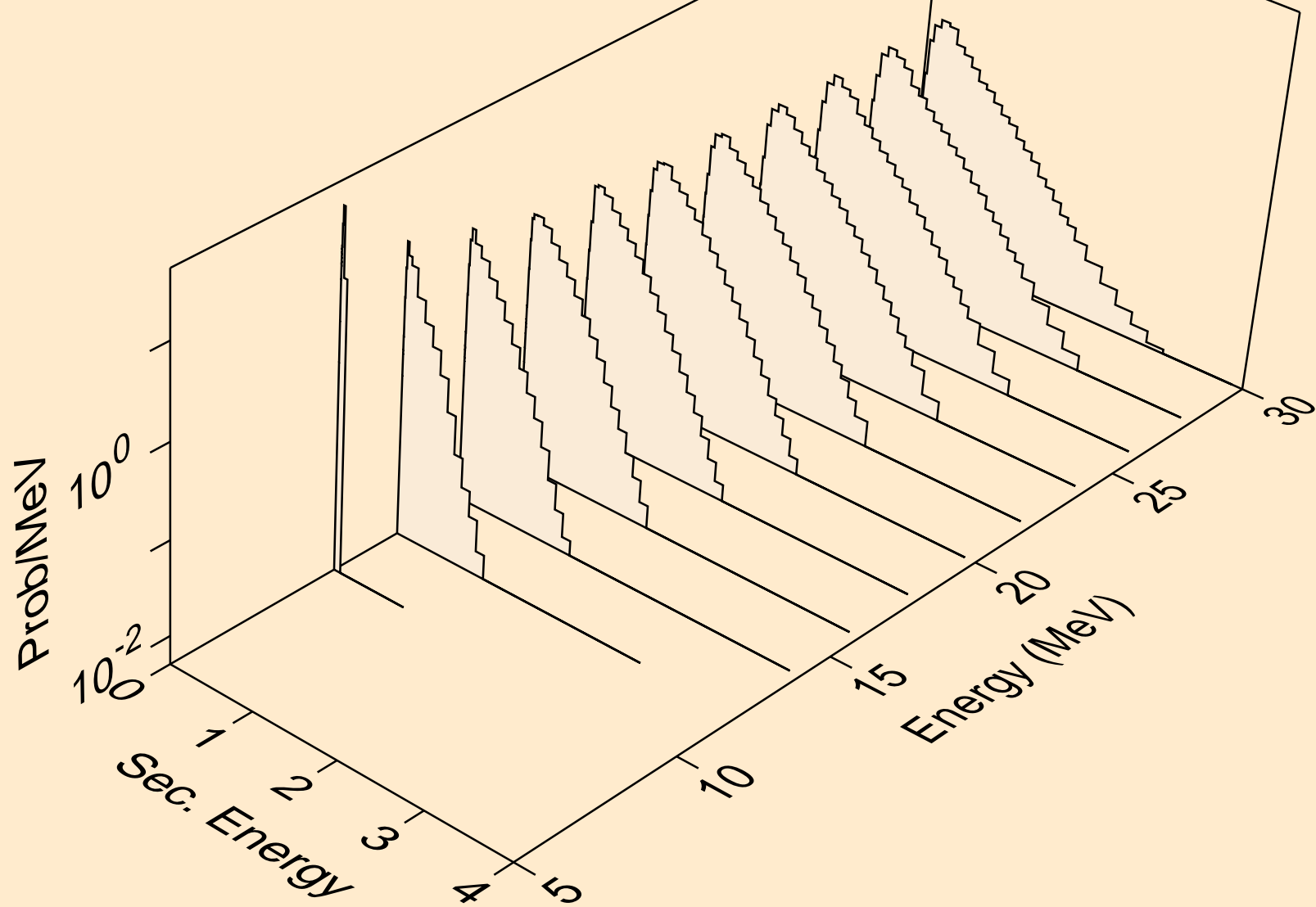
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

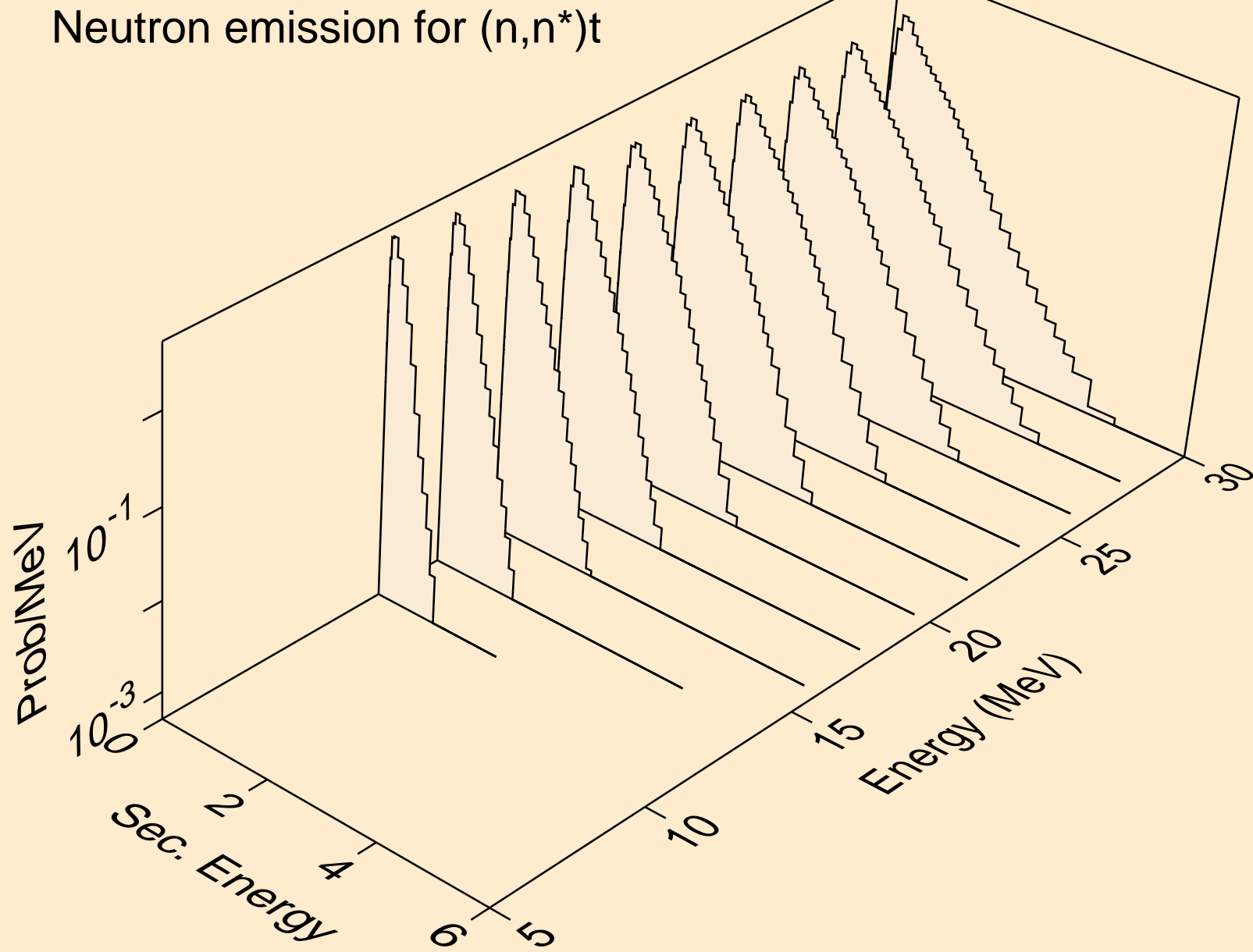


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

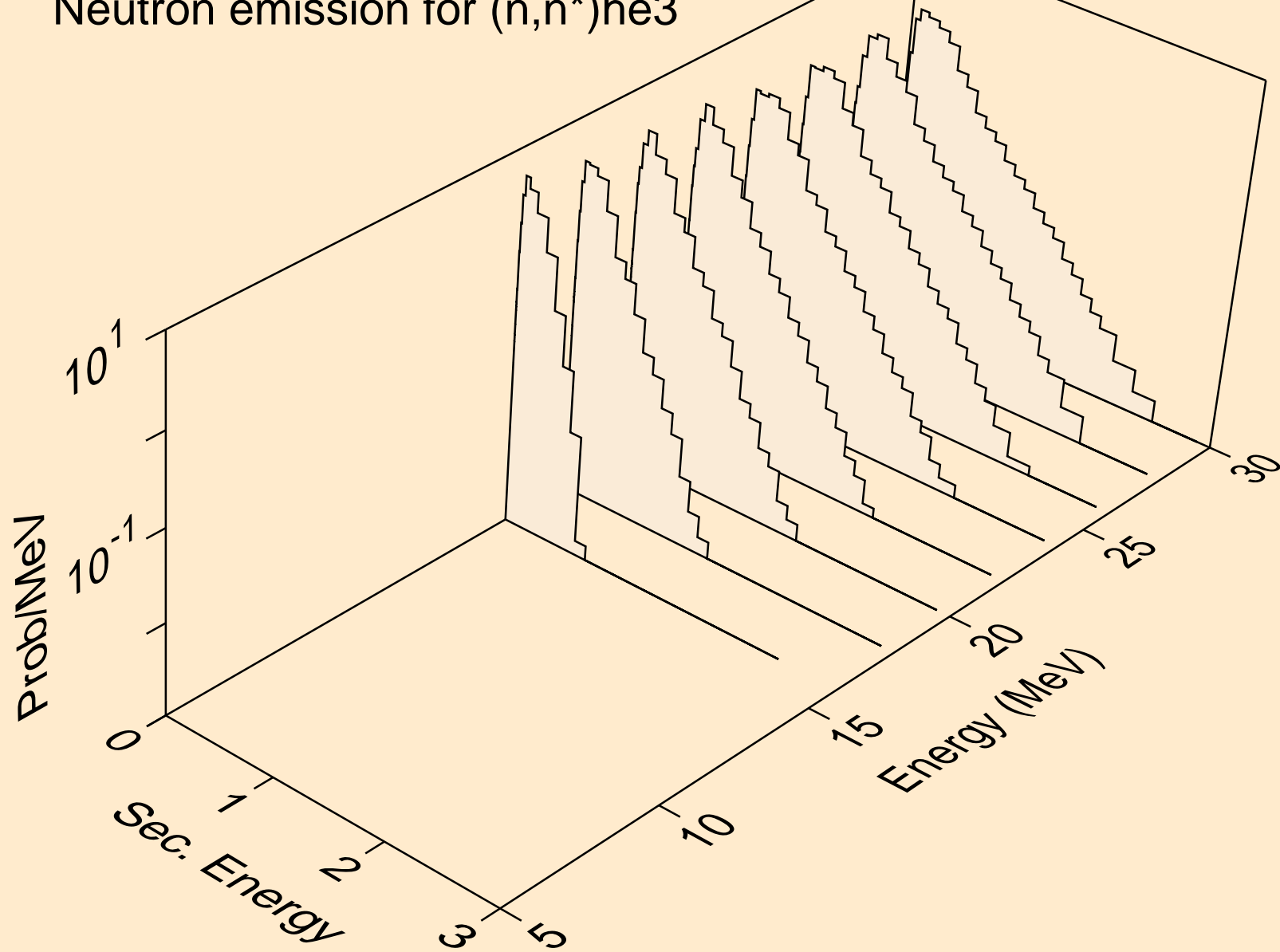




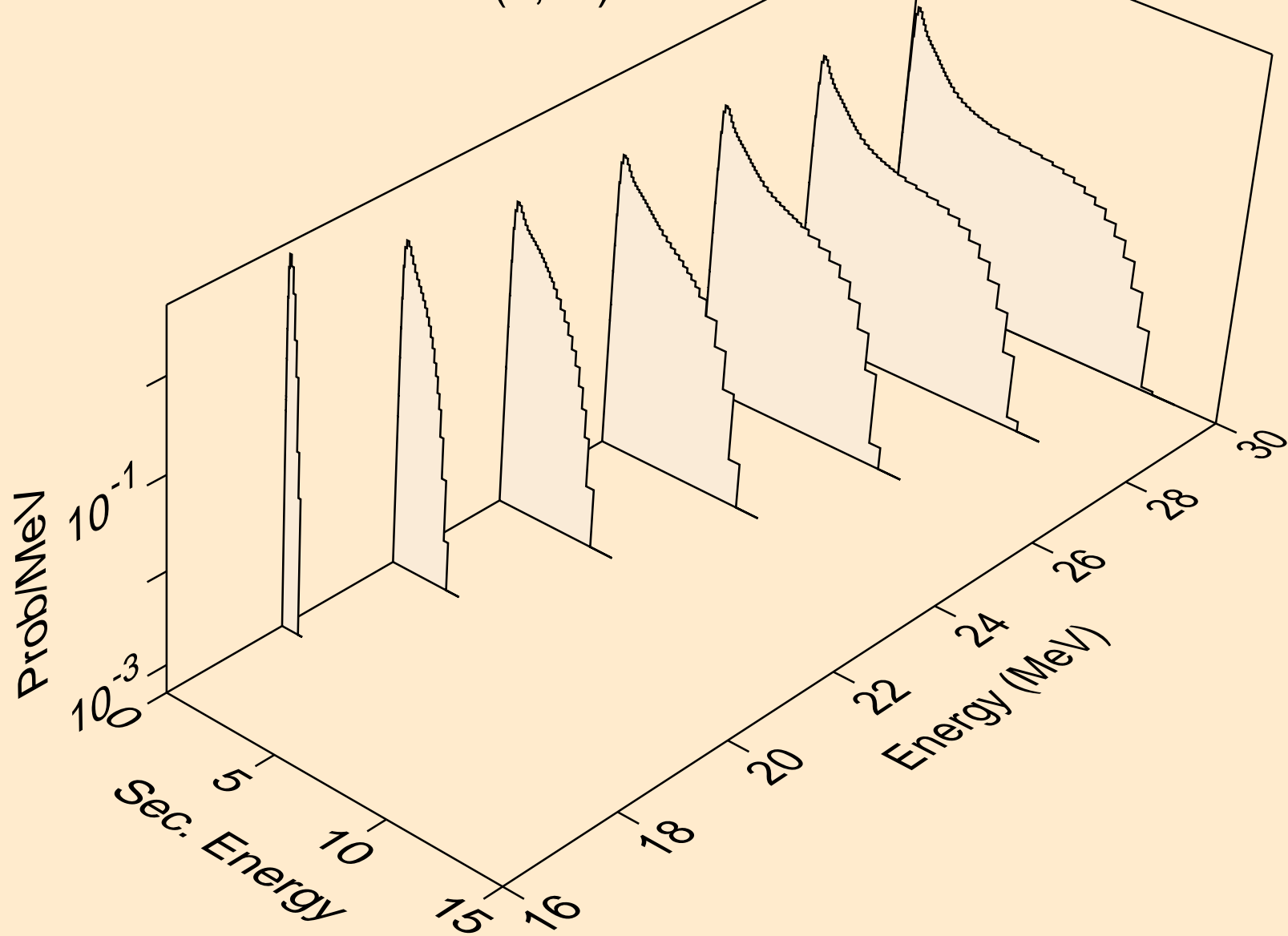
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



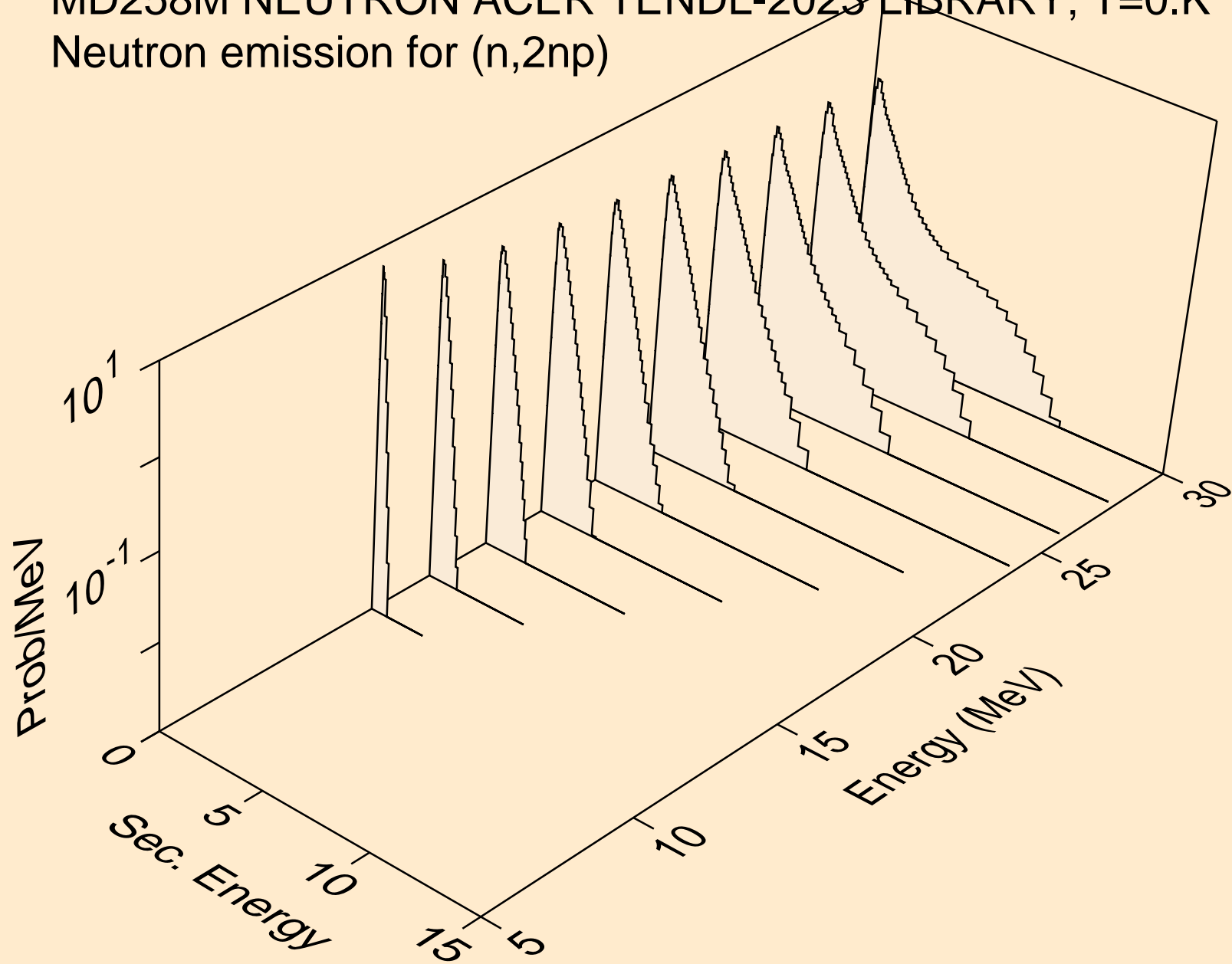
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



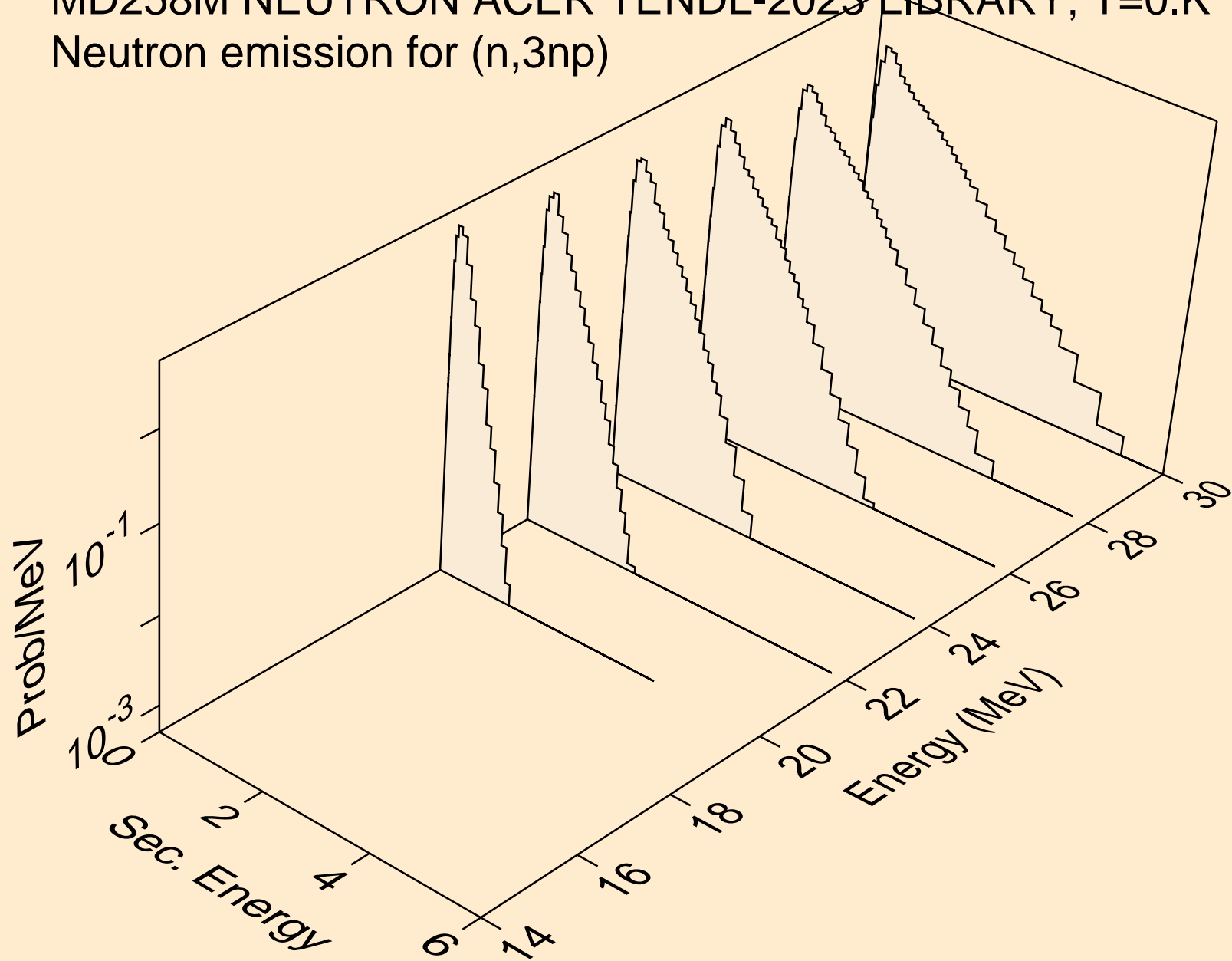
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



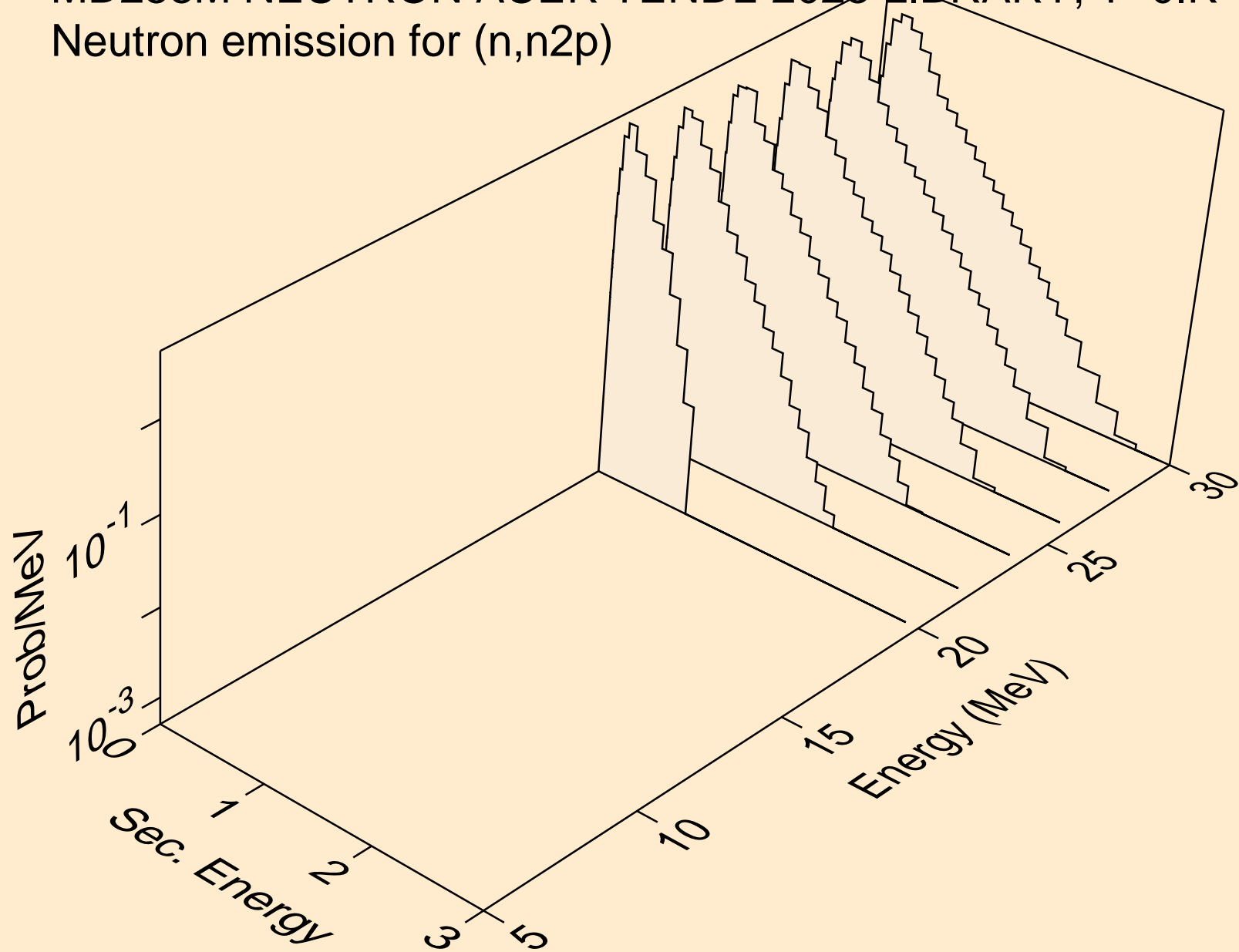
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



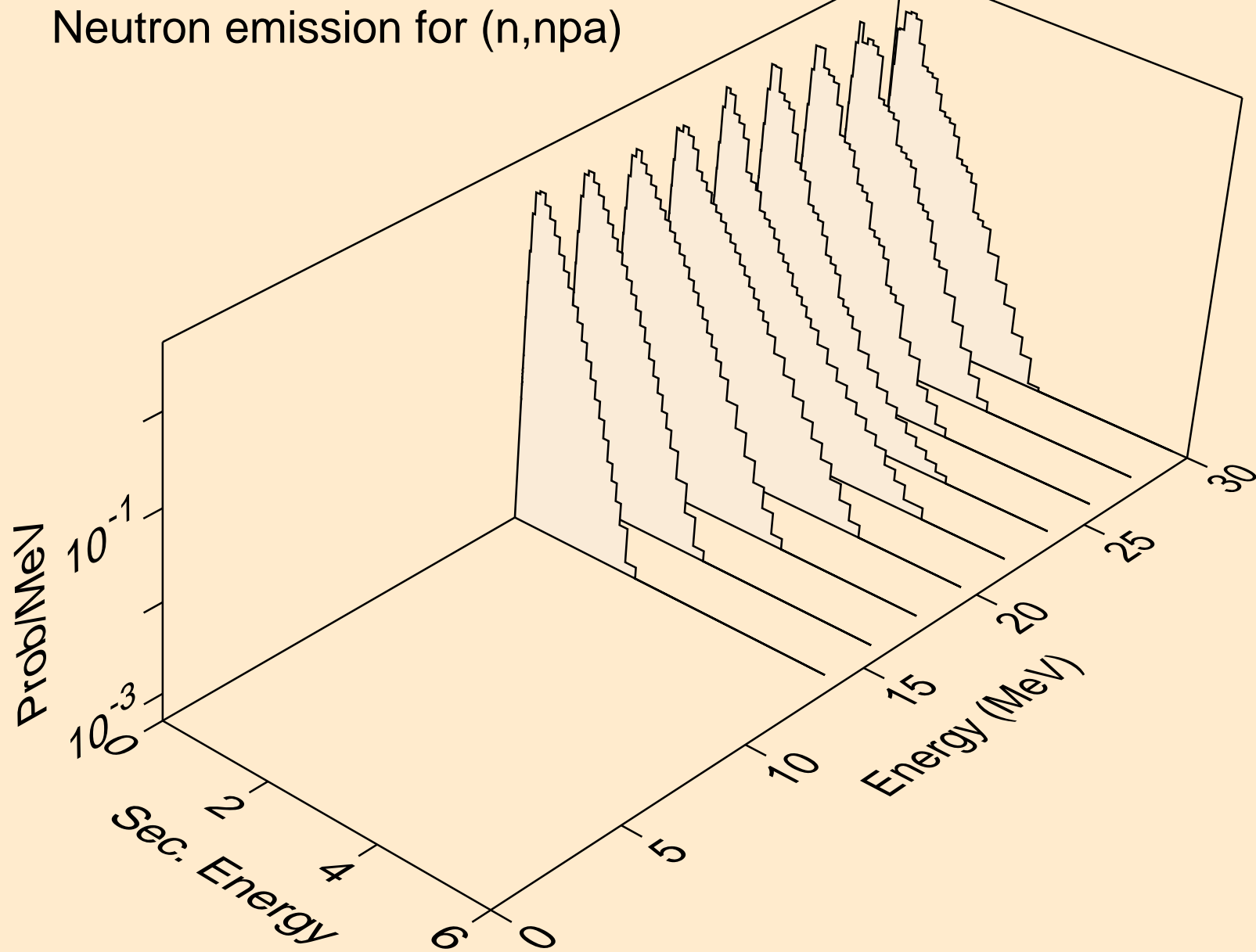
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Neutron emission for (n,3np)



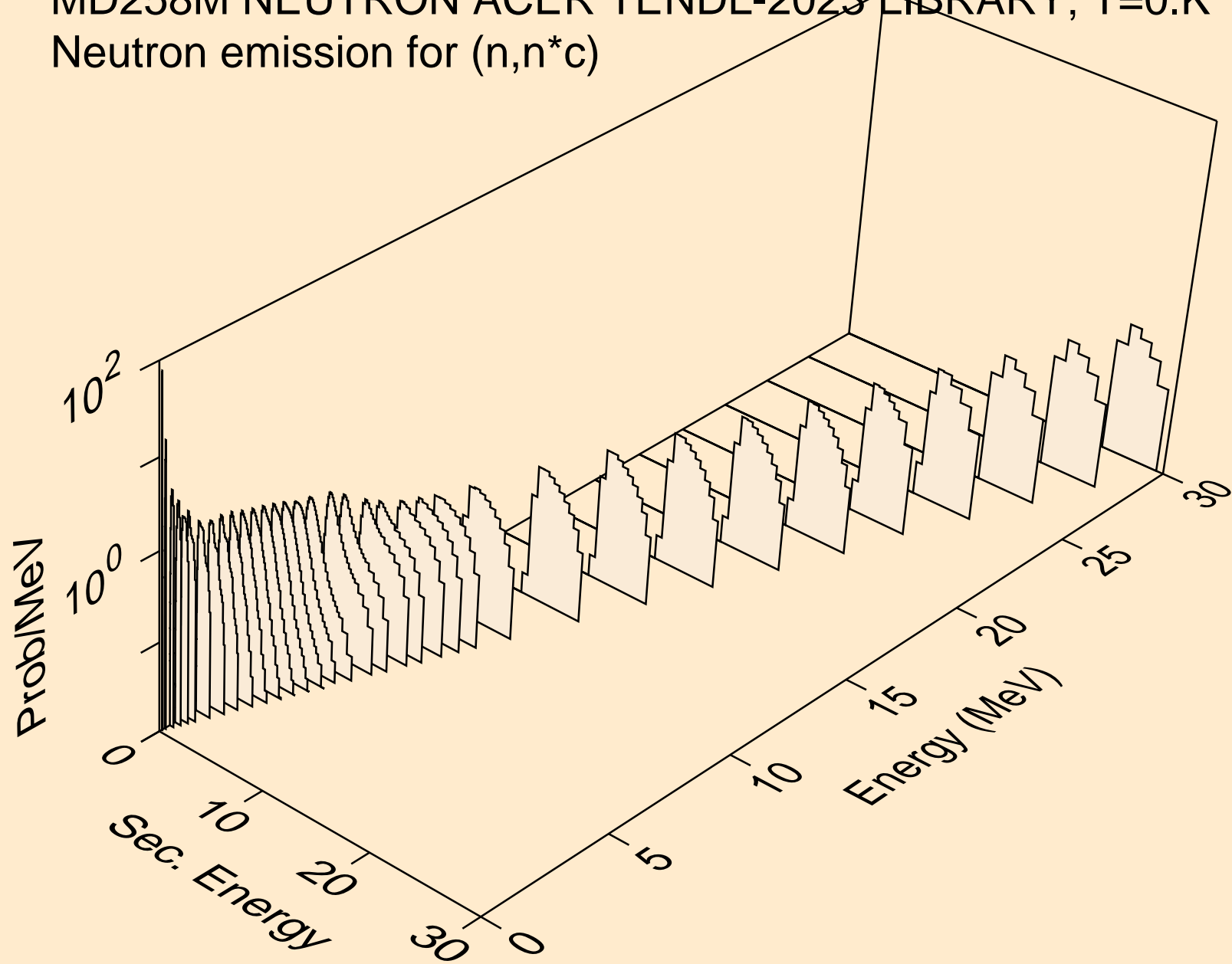
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Neutron emission for (n,n2p)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



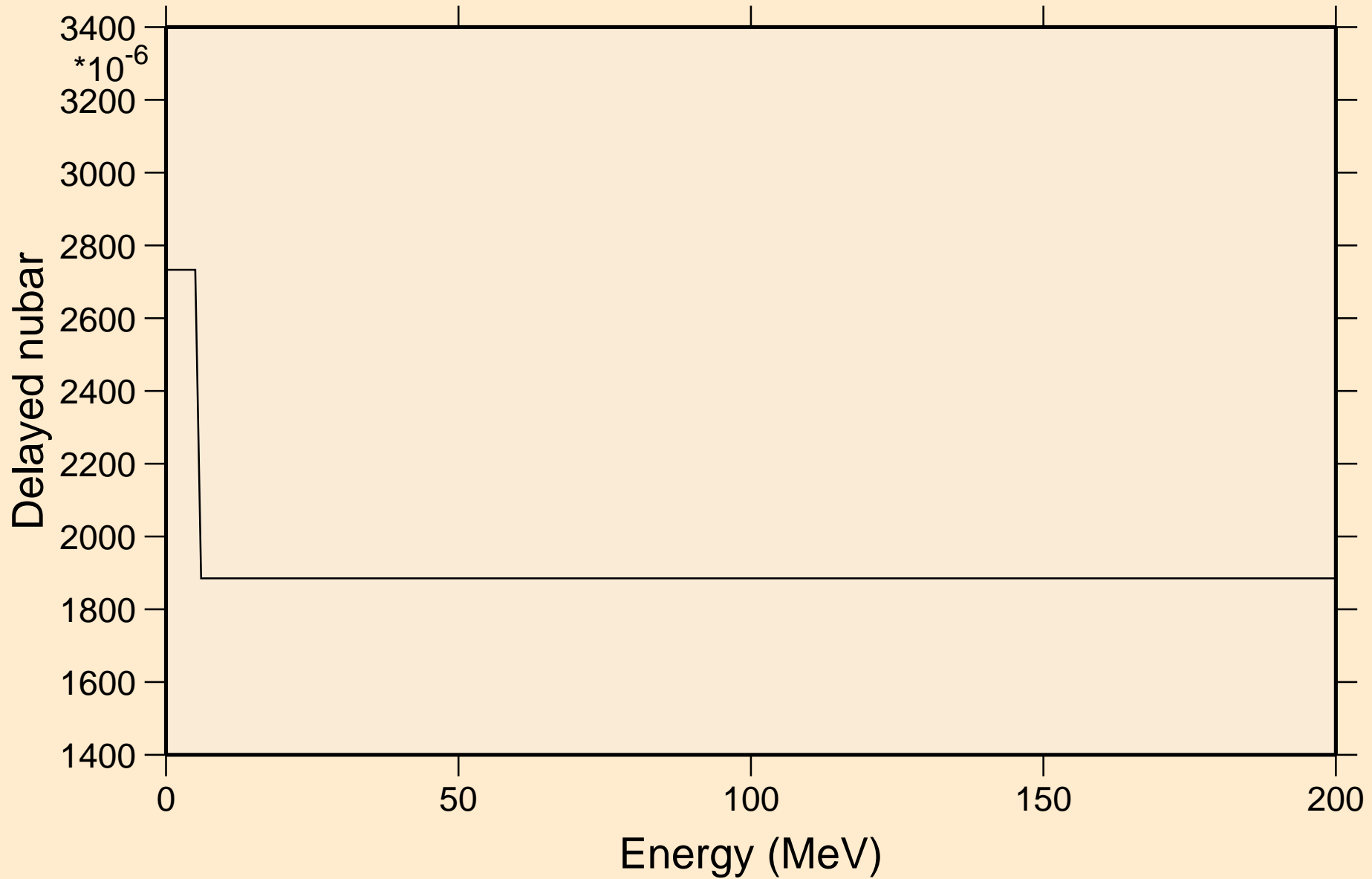
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Neutron emission for (n,n\*c)





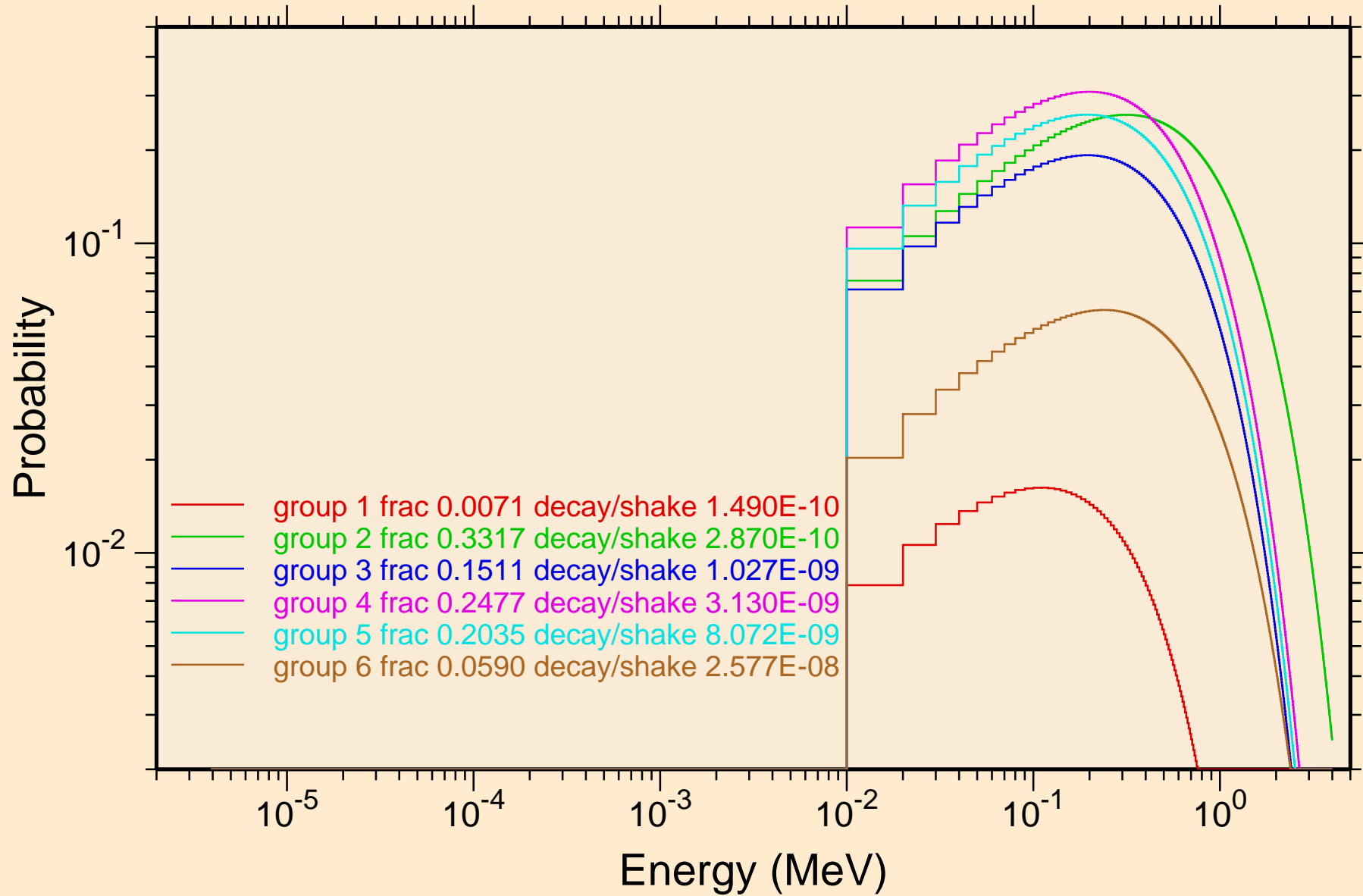
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## Delayed nubar

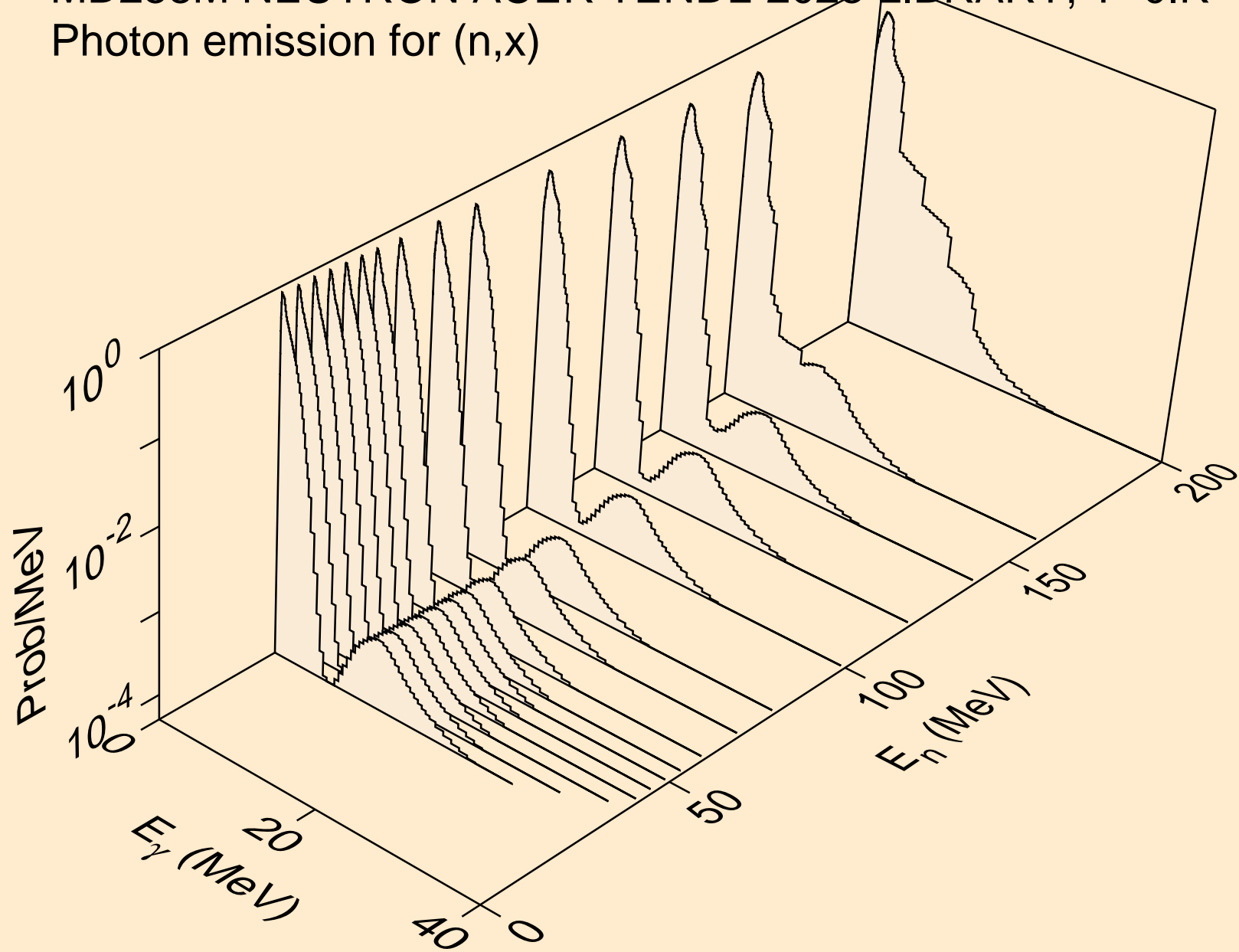


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

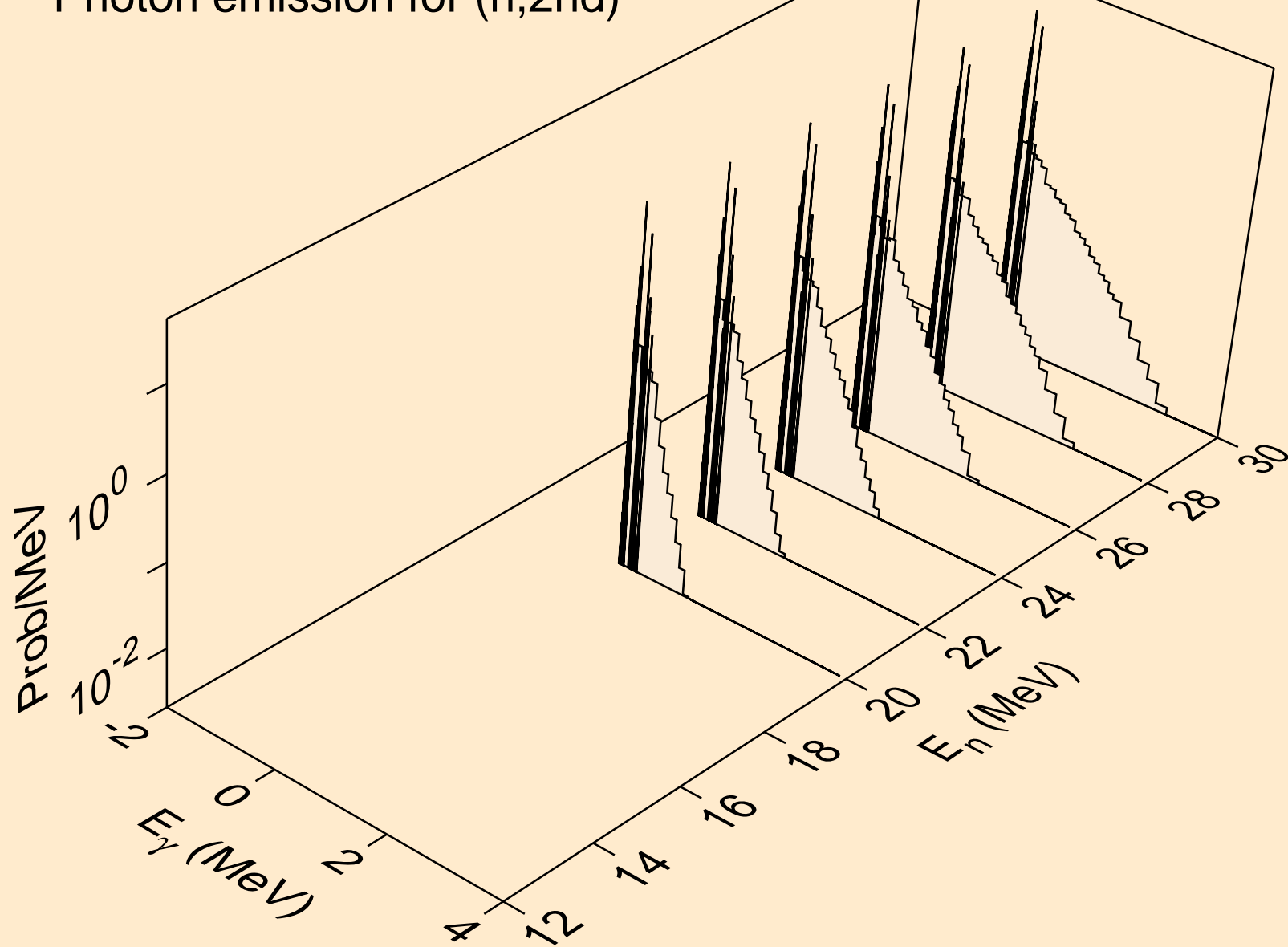
## Delayed neutron spectra



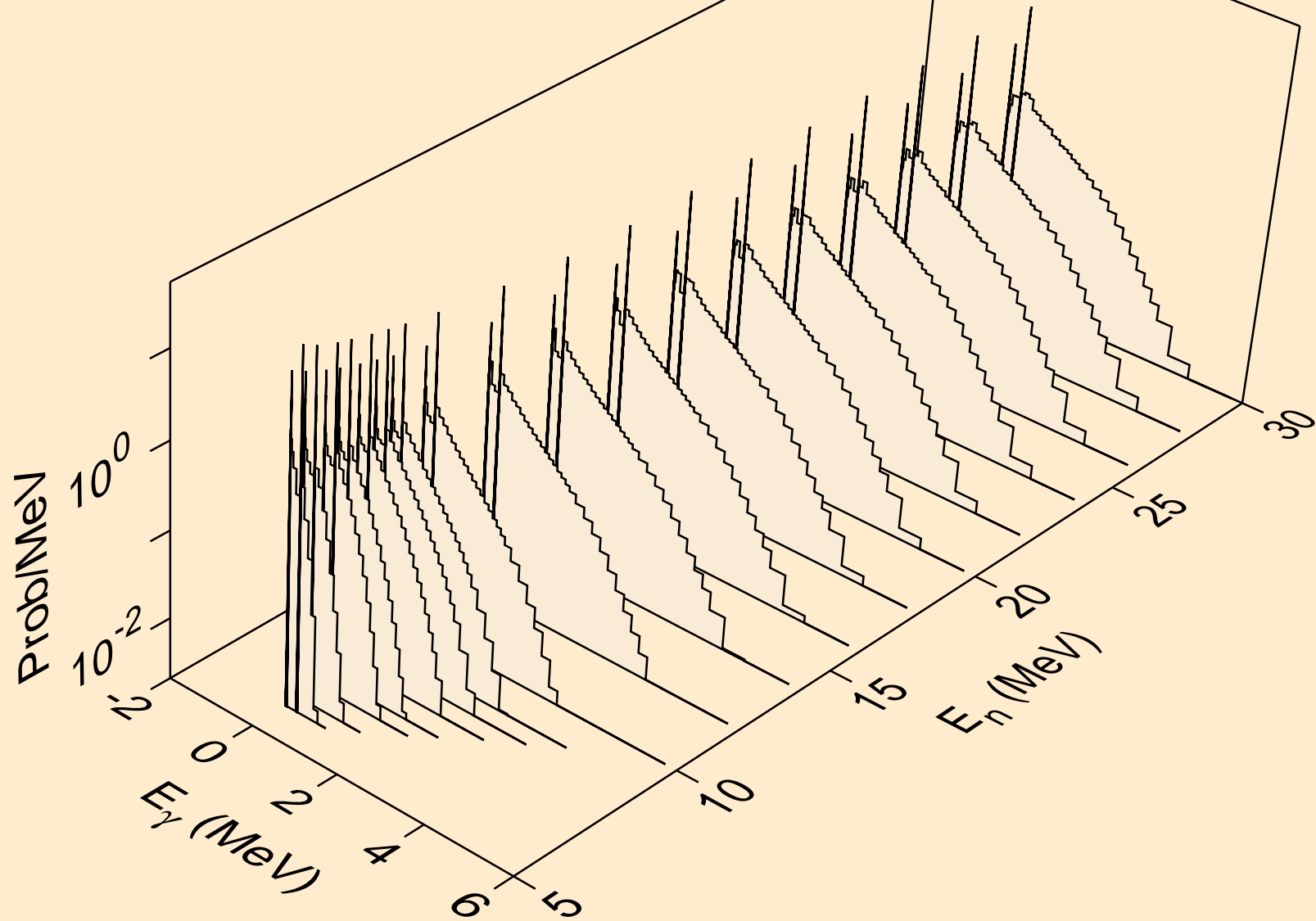
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



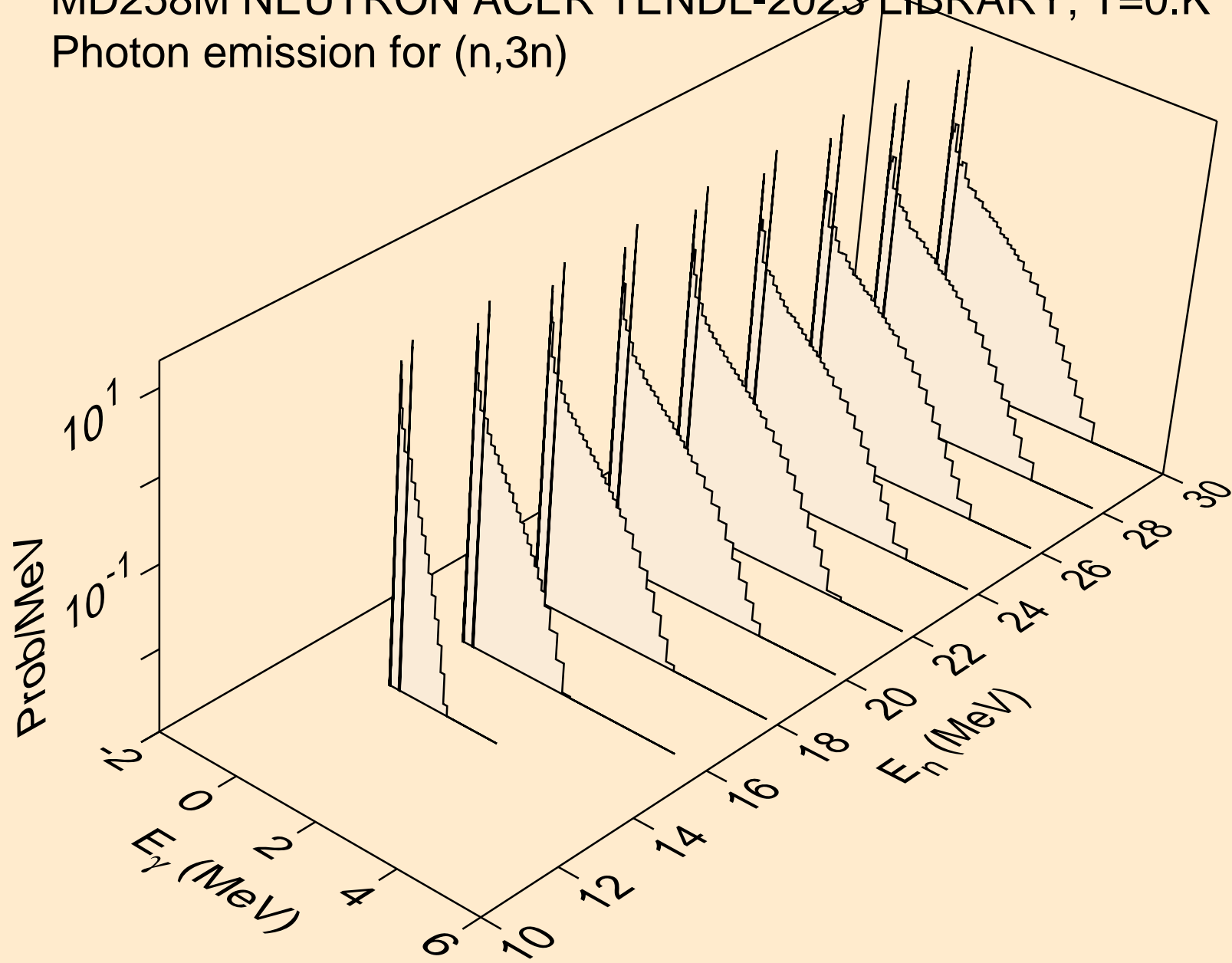
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



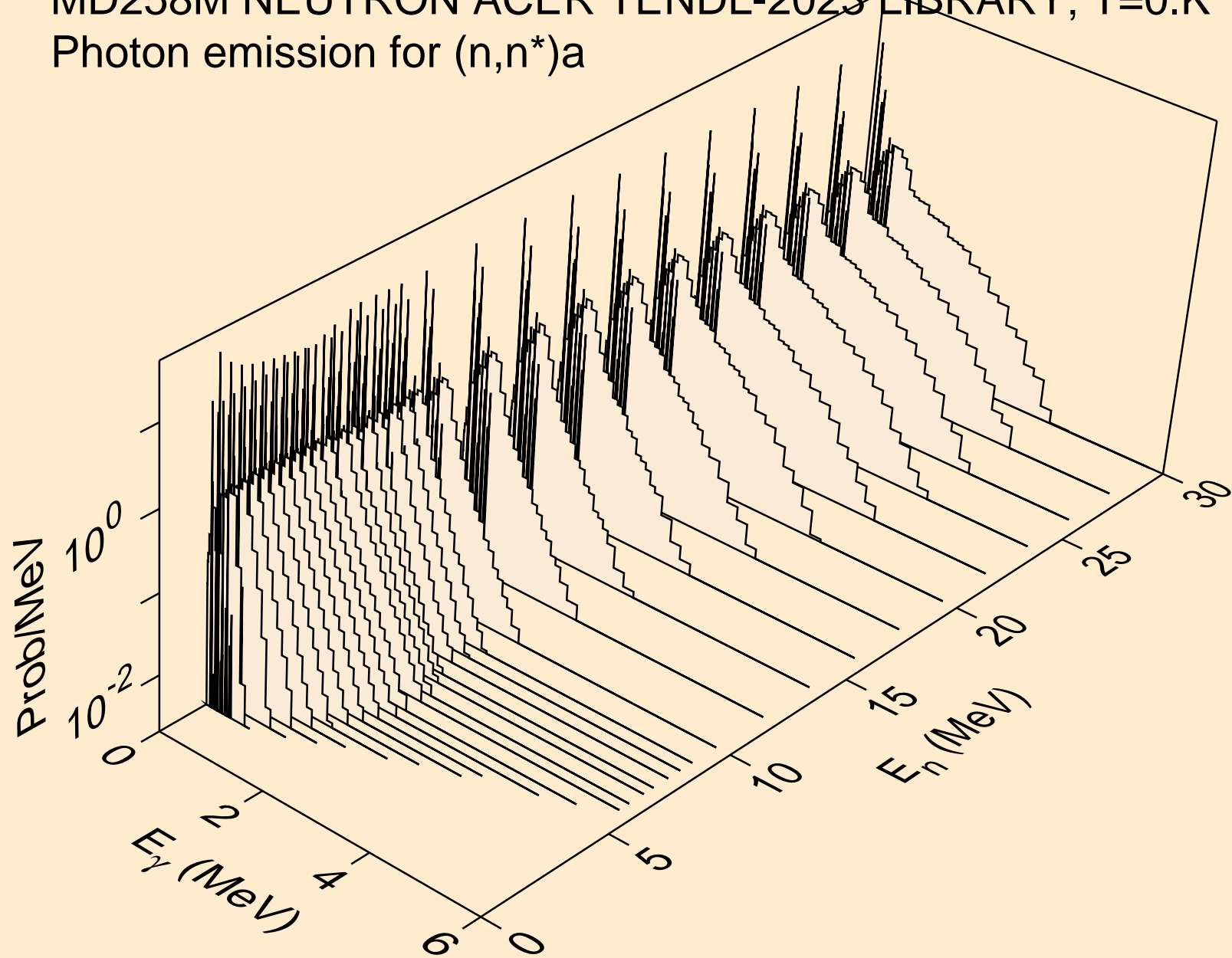
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Photon emission for (n,2n)



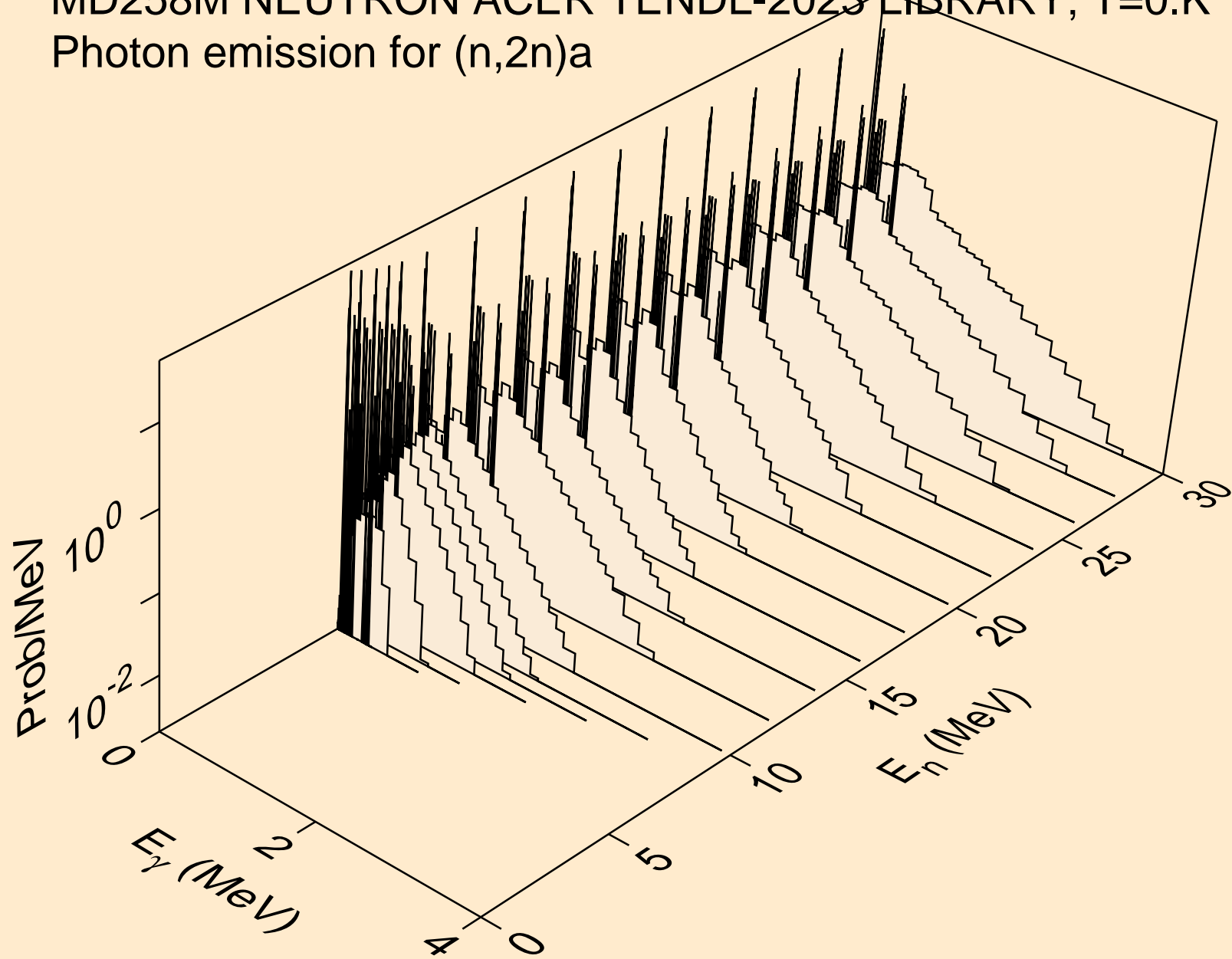
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

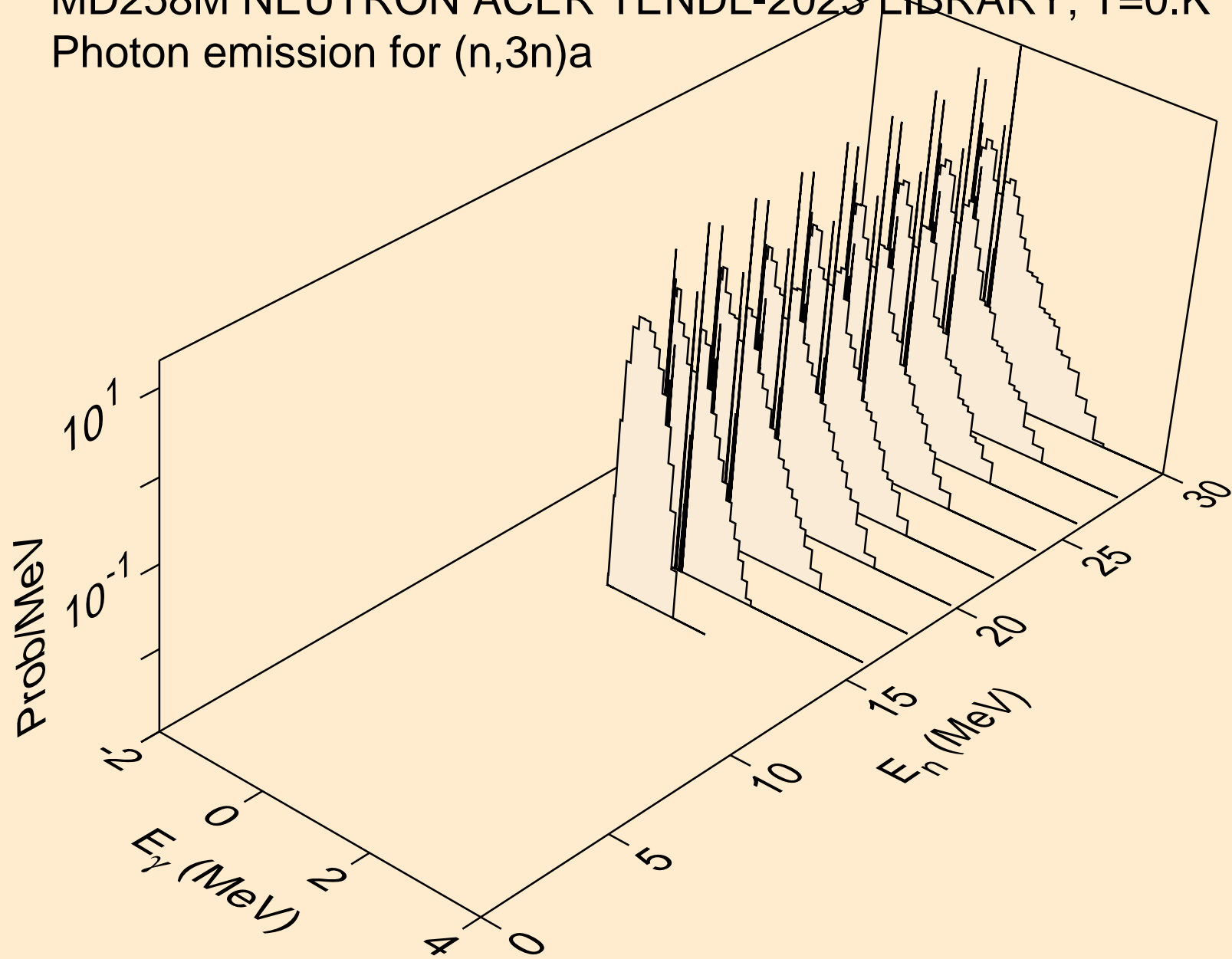


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

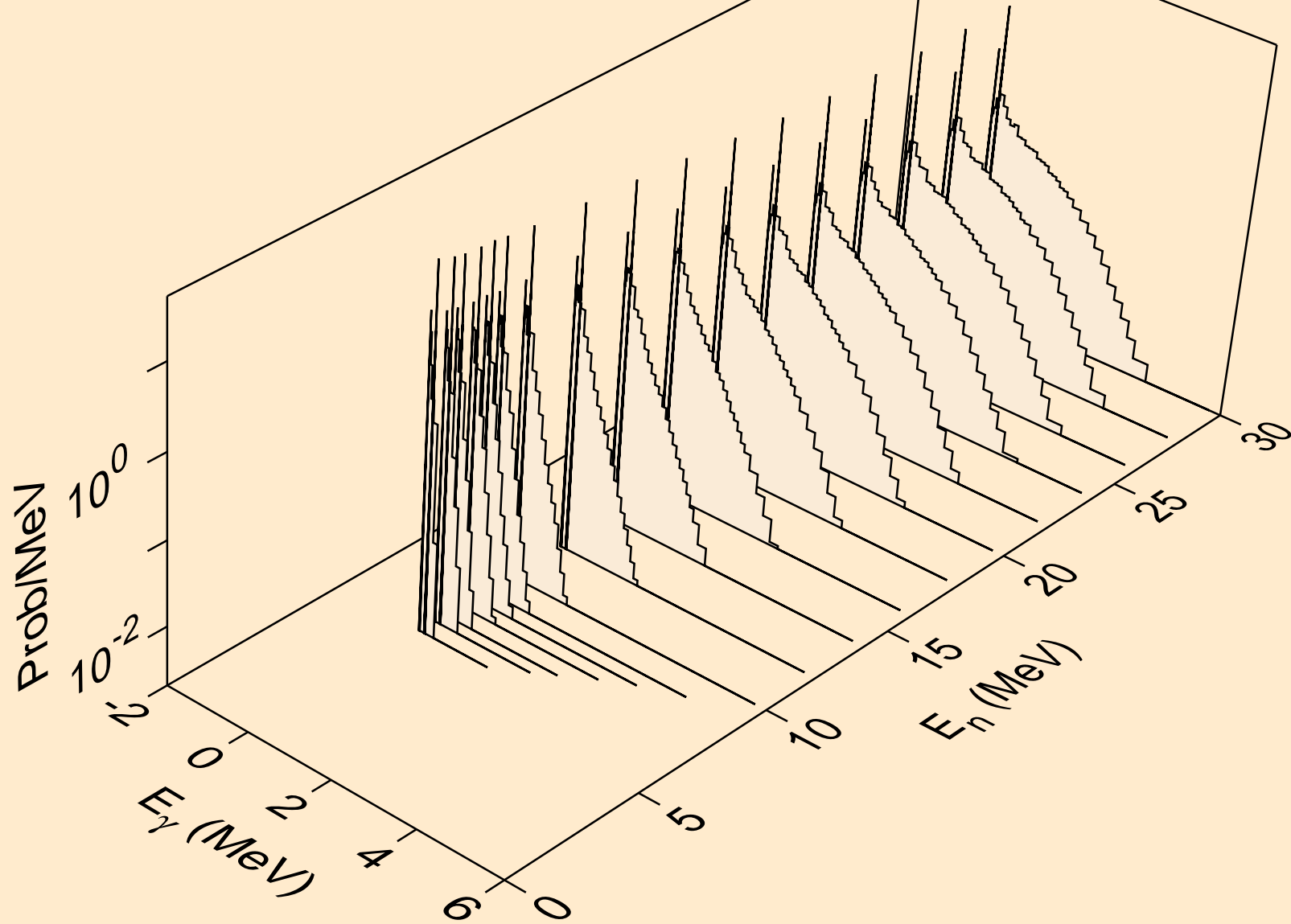




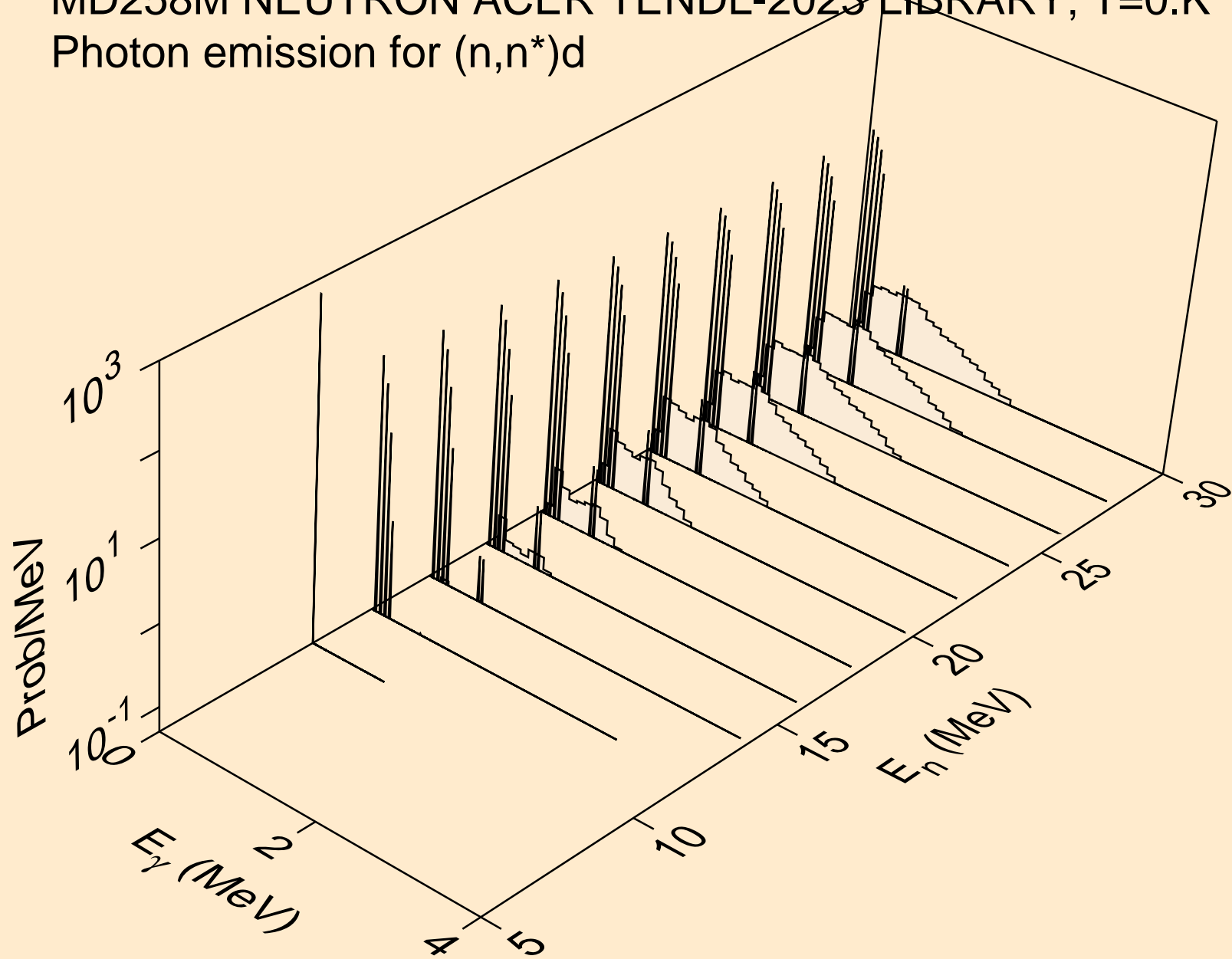
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Photon emission for (n,3n)a



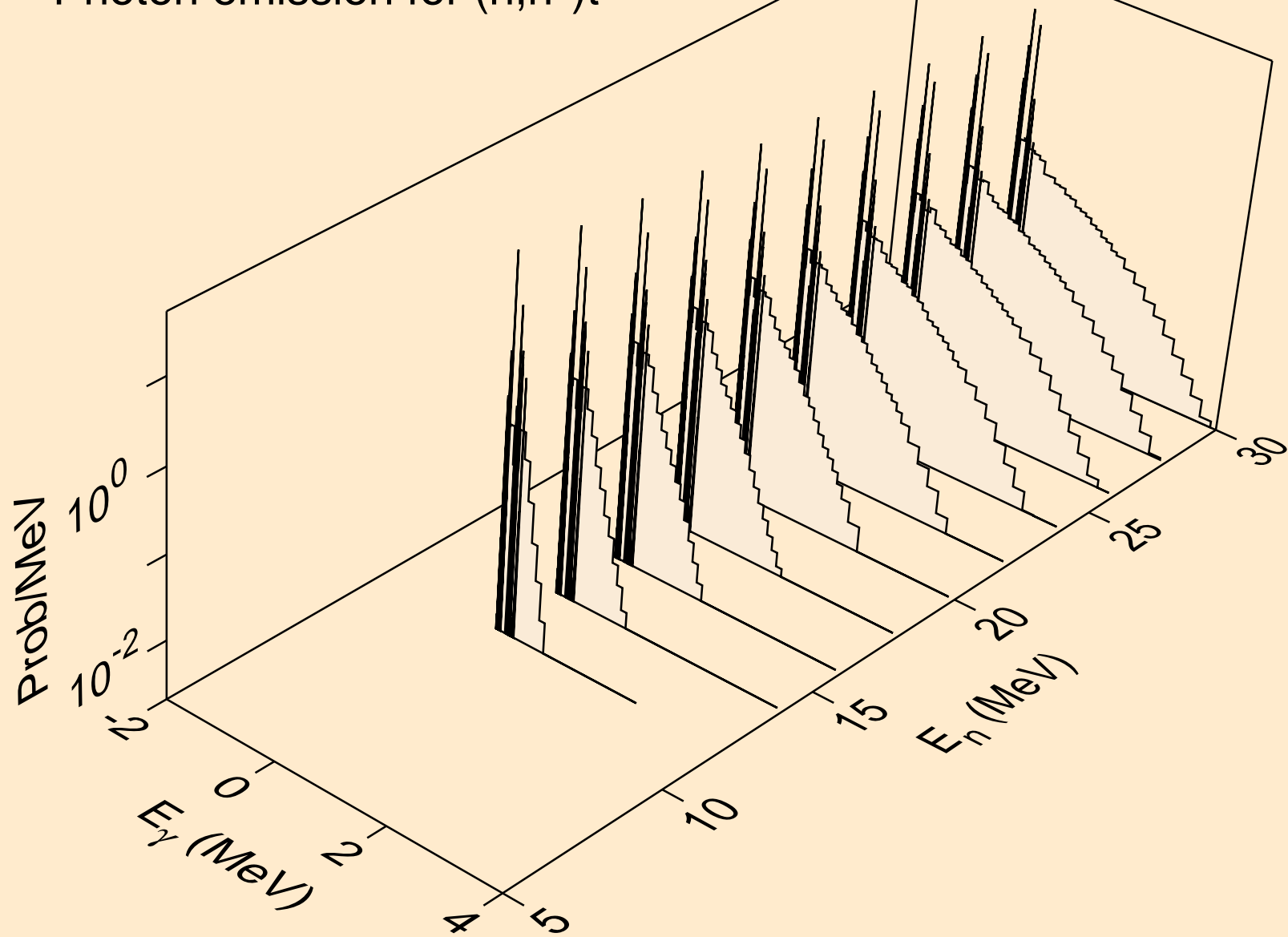
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Photon emission for (n,n\*)p



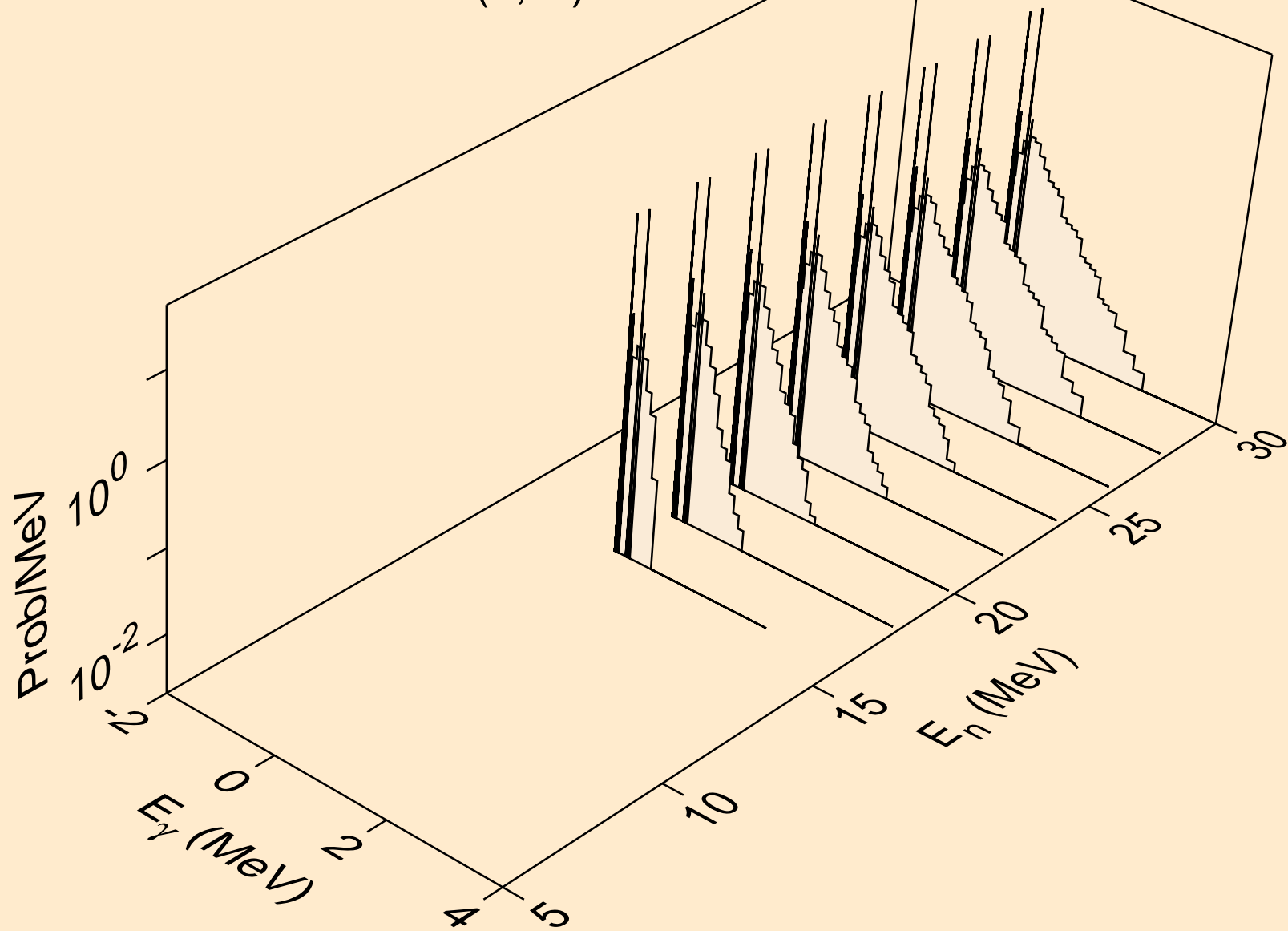
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Photon emission for (n,n\*)d



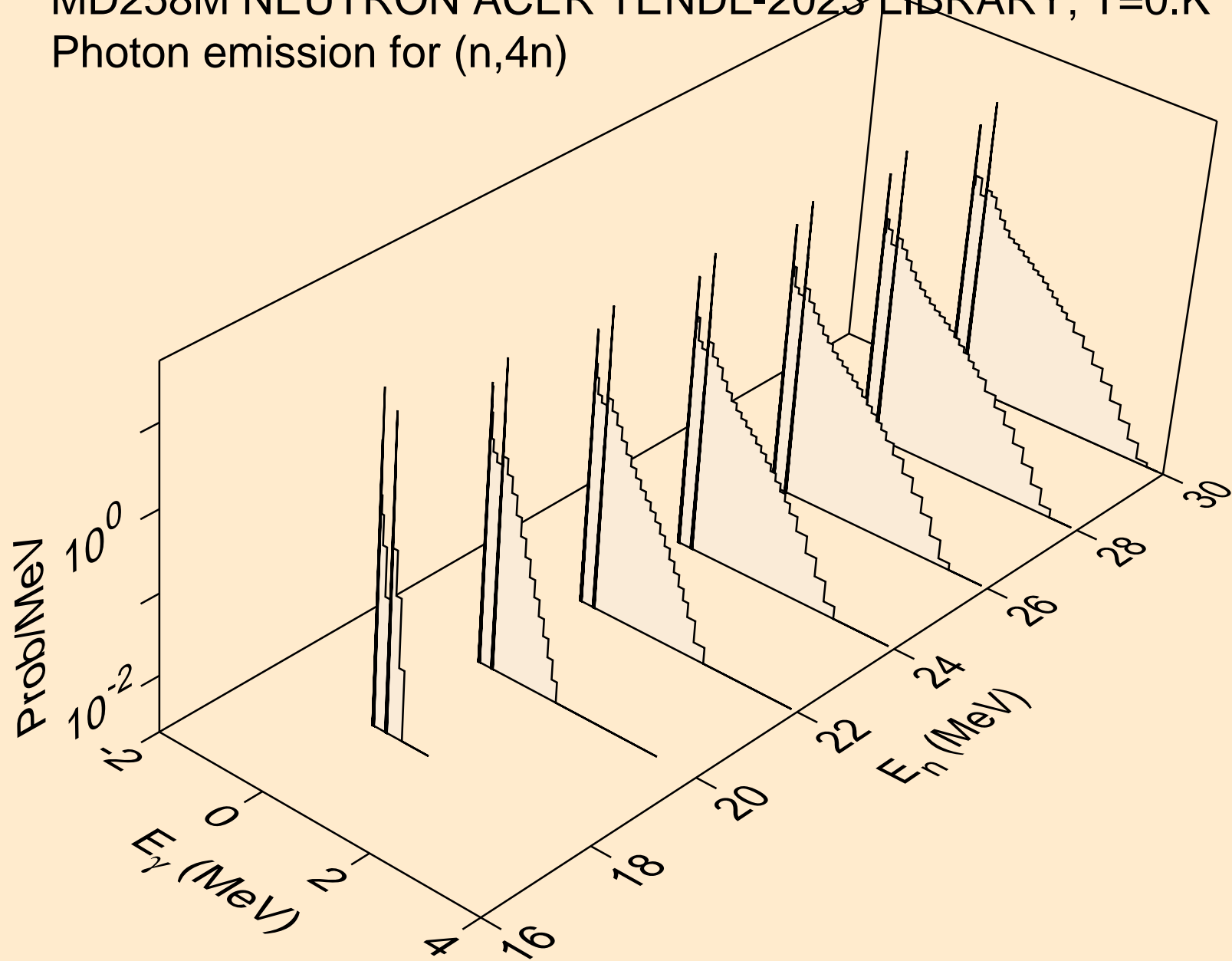
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Photon emission for (n,n\*)t



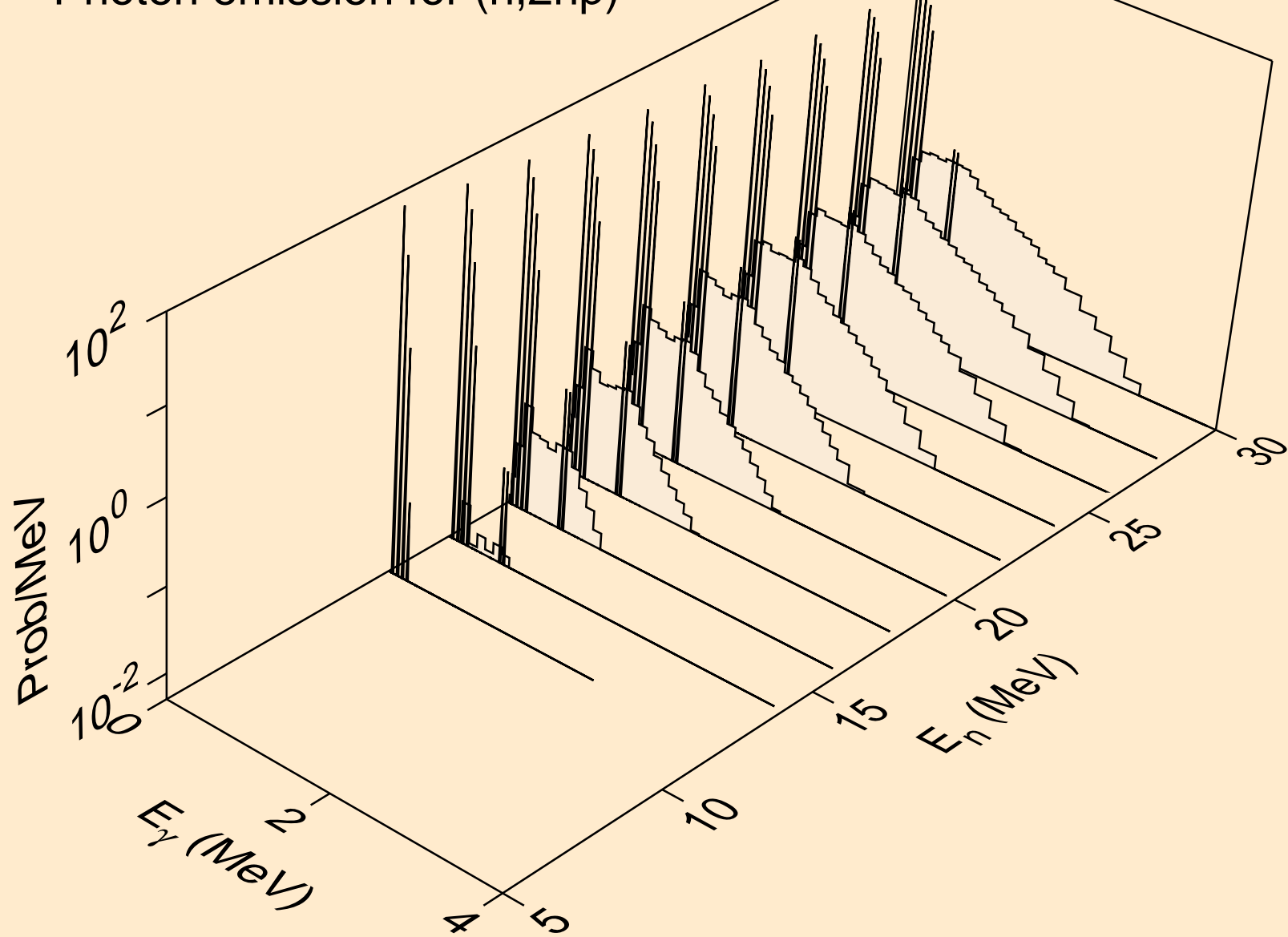
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Photon emission for (n,n\*)he3



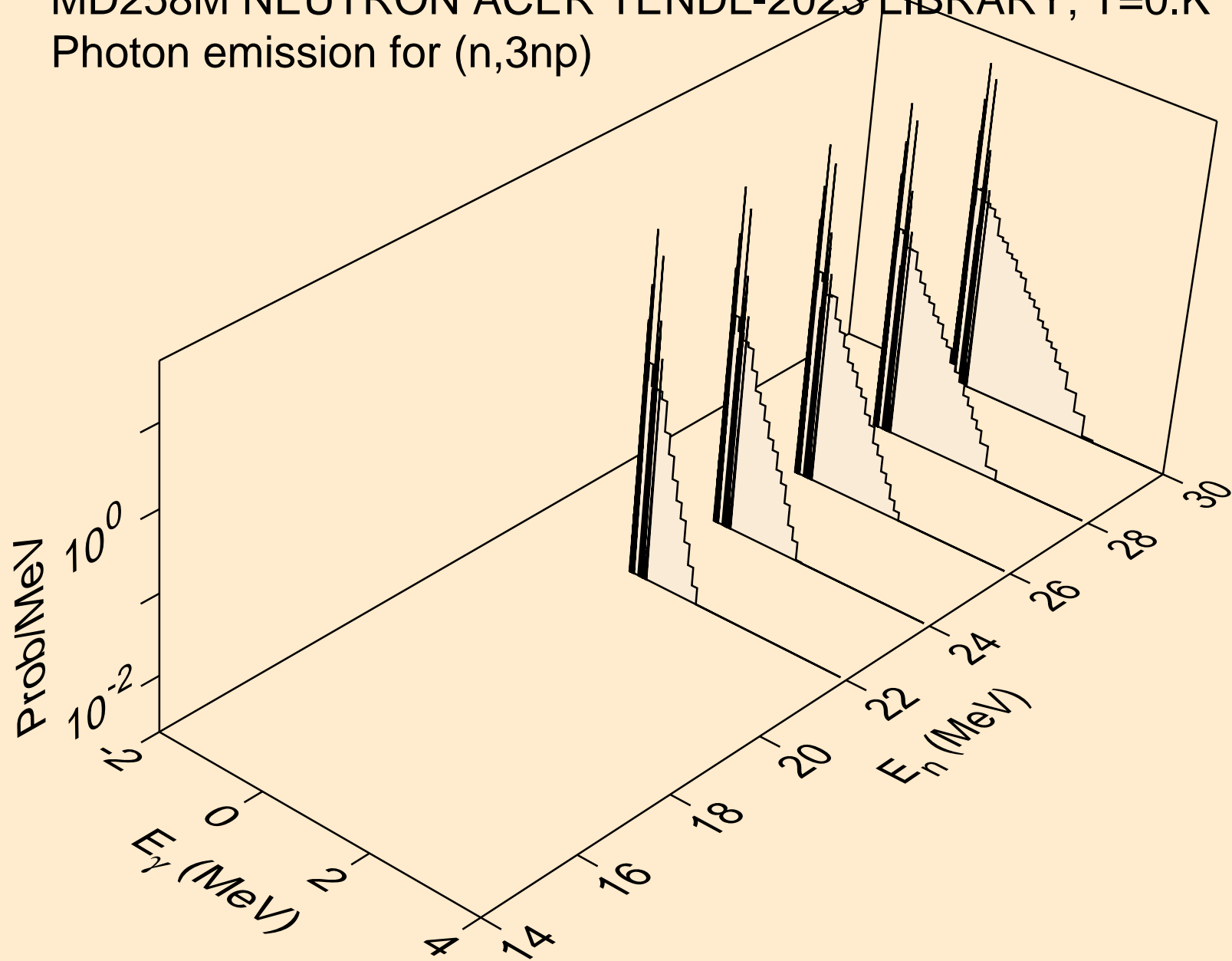
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

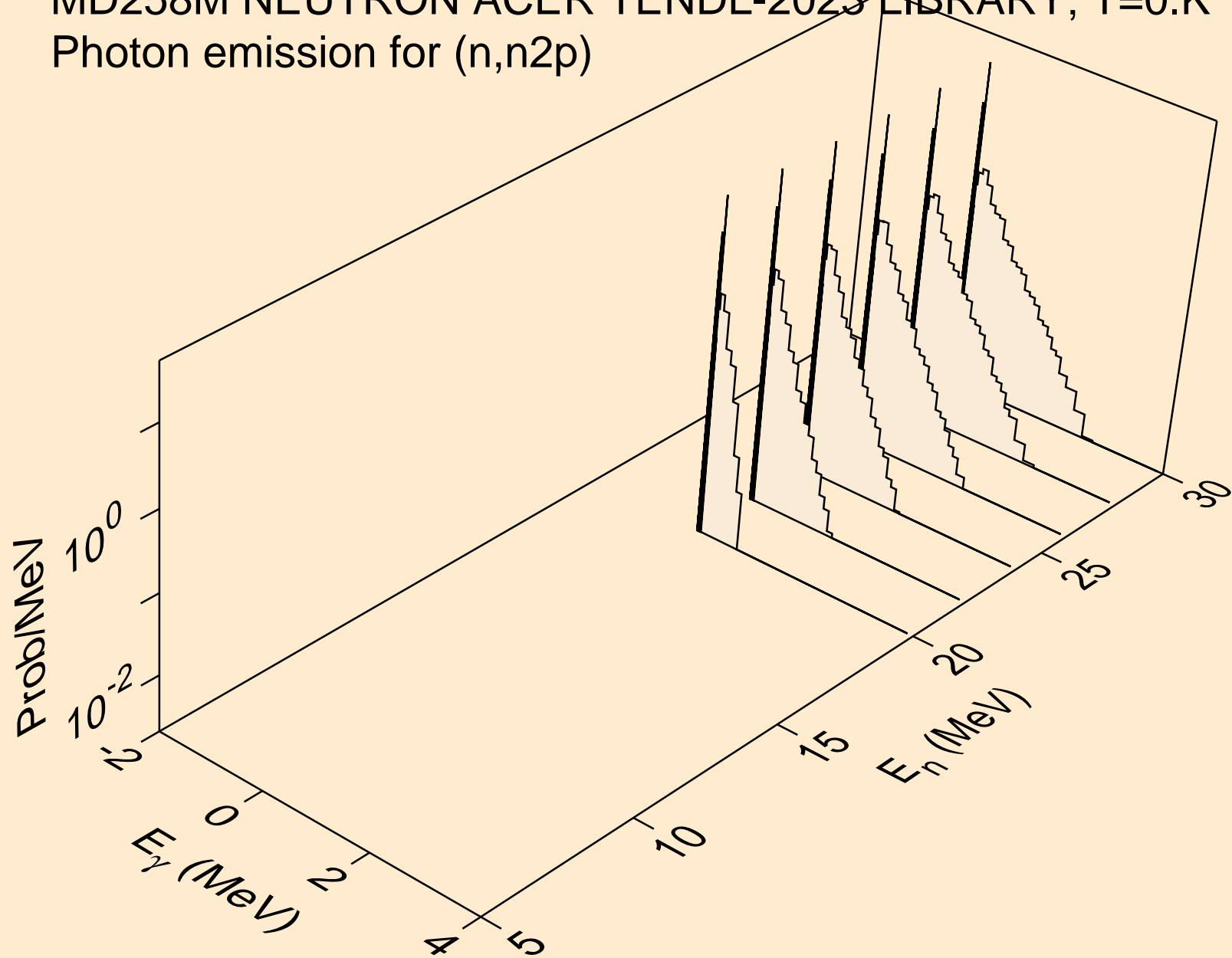


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Photon emission for (n,3np)

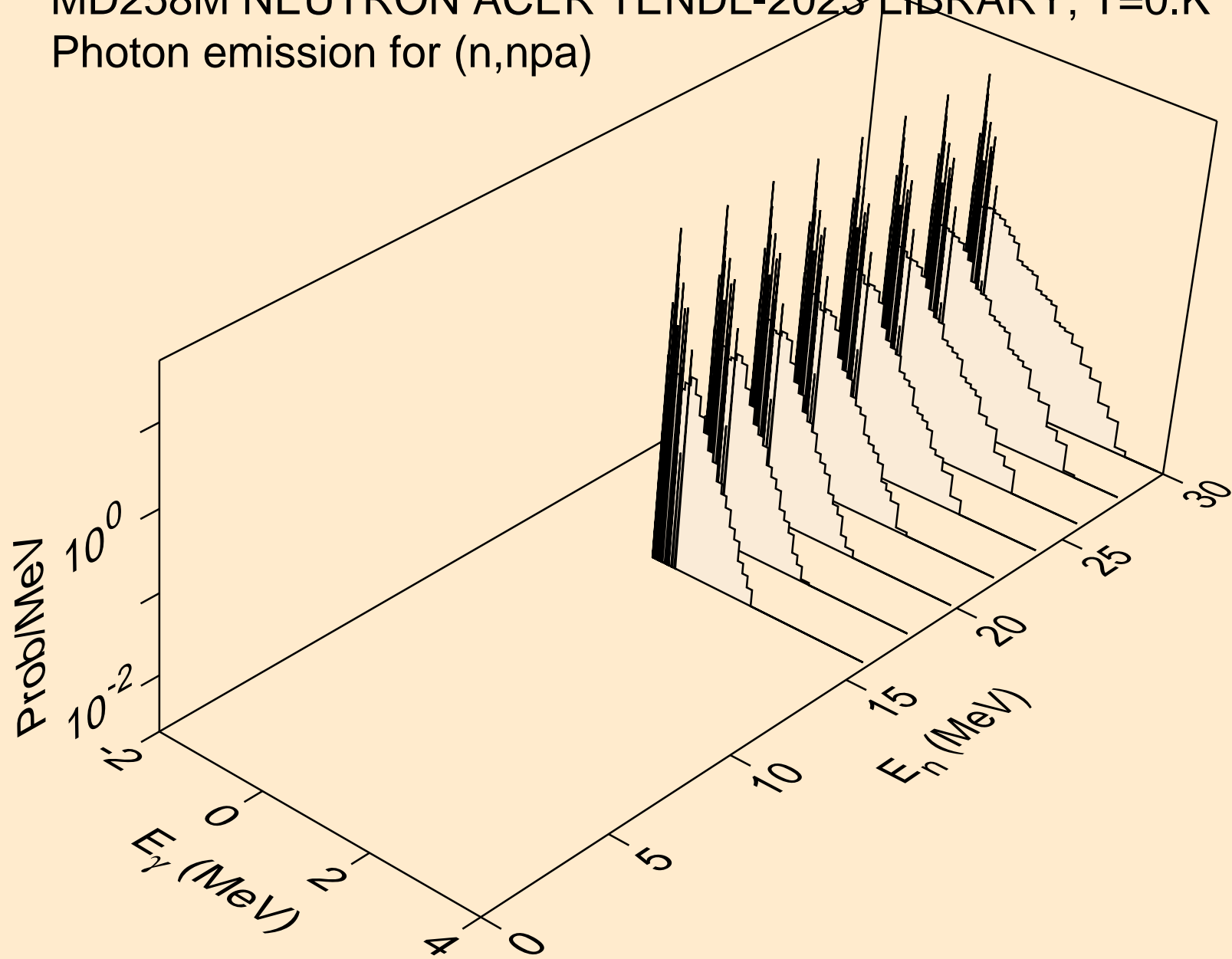




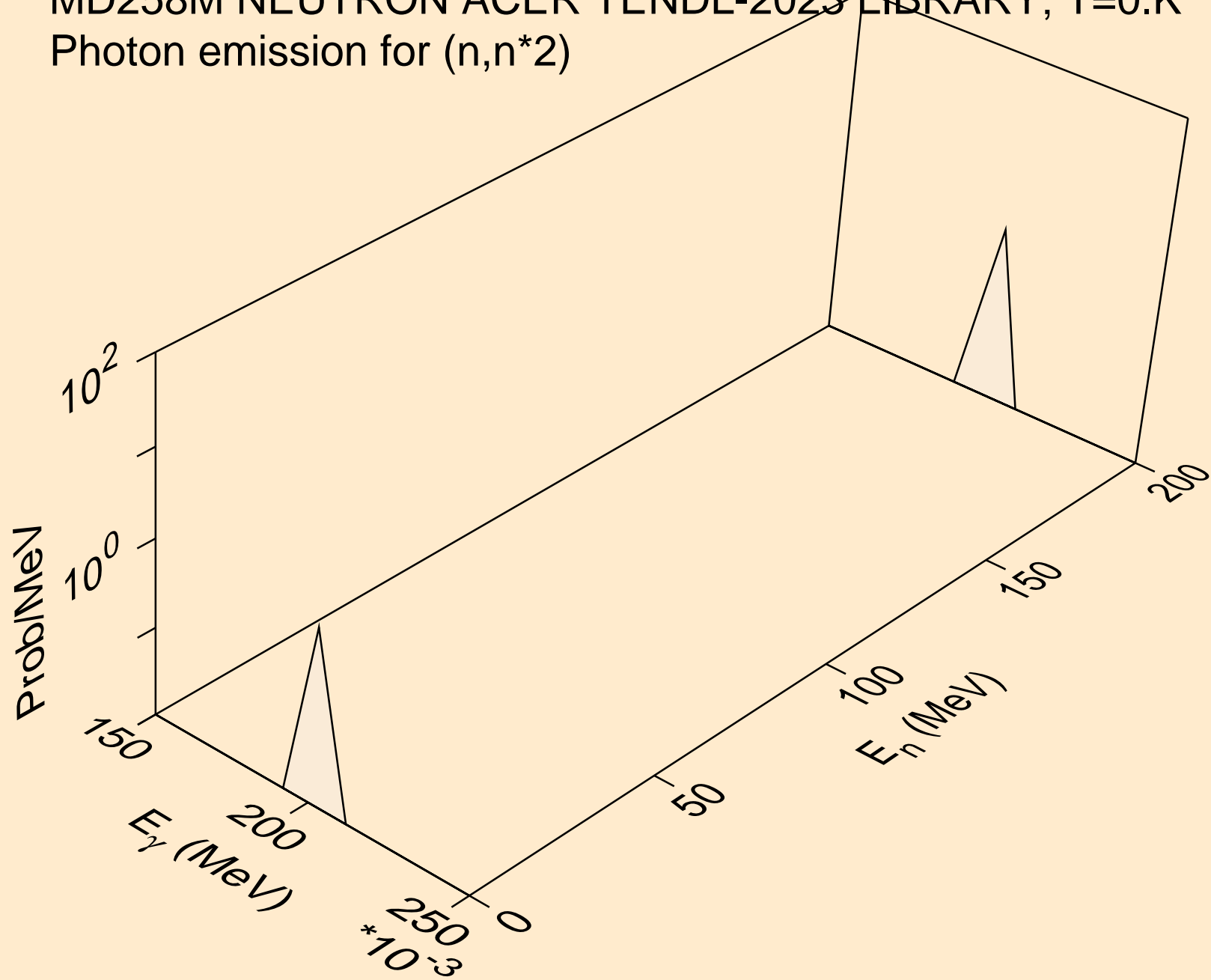
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Photon emission for (n,n2p)



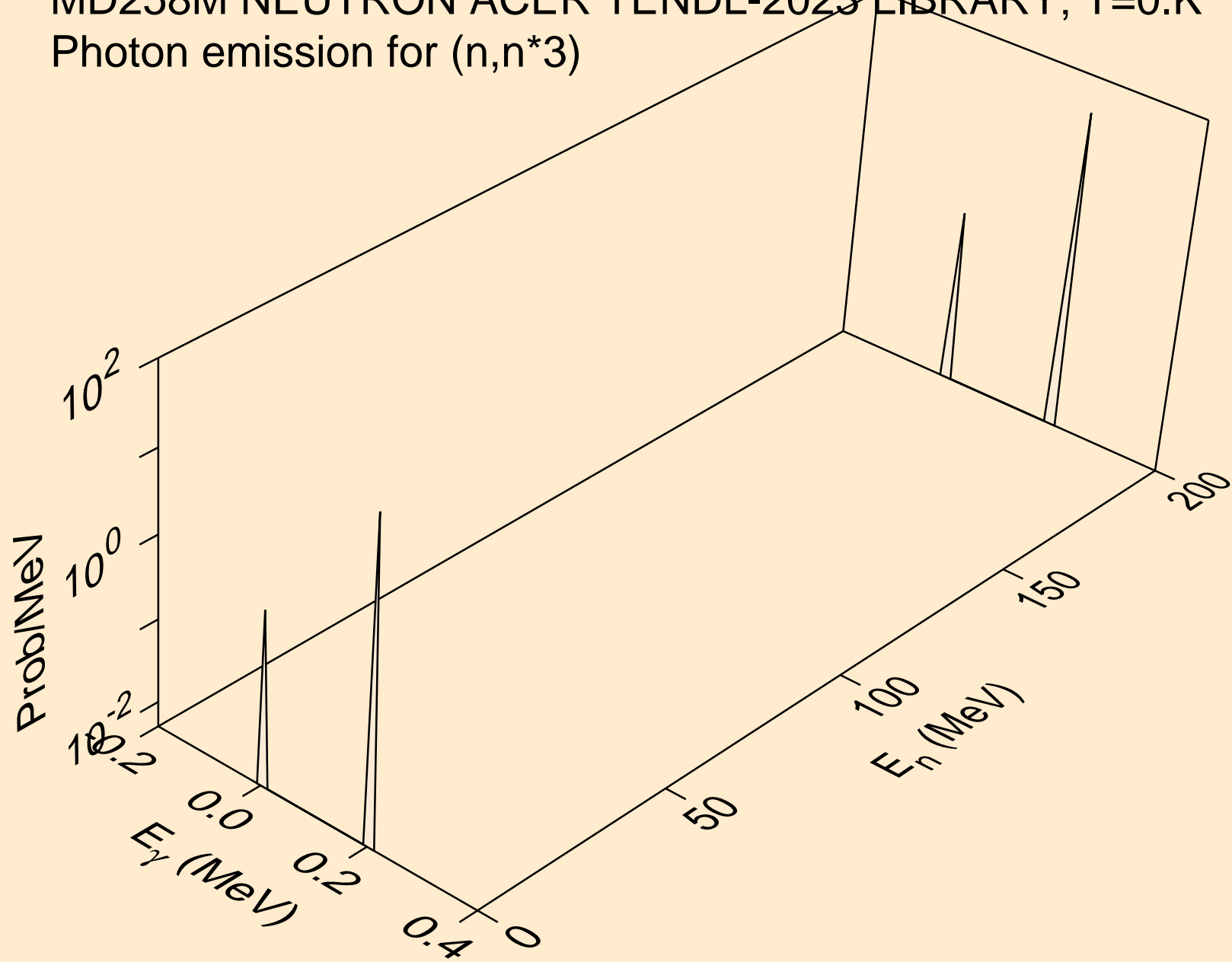
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Photon emission for (n,npa)



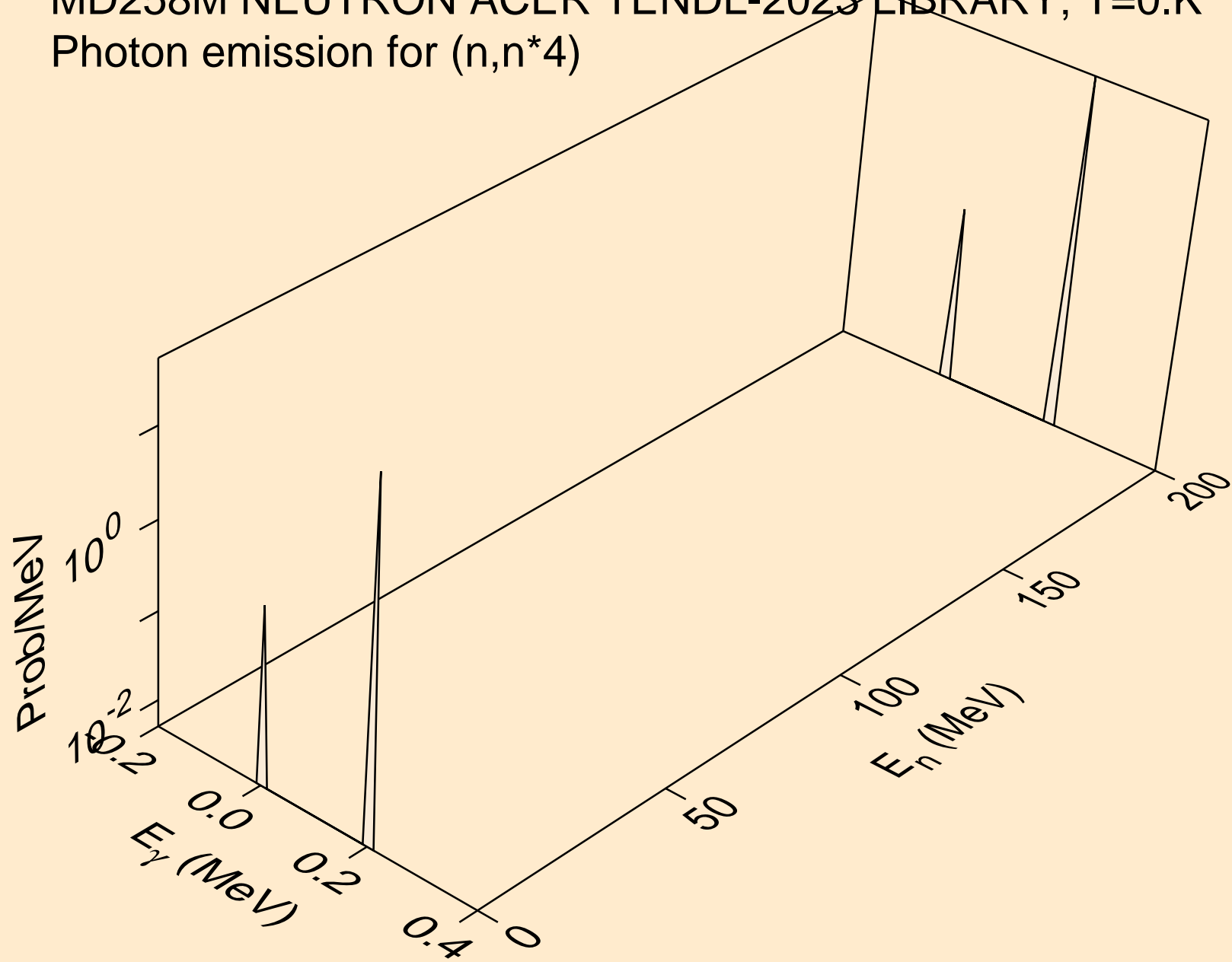
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Photon emission for (n,n\*2)



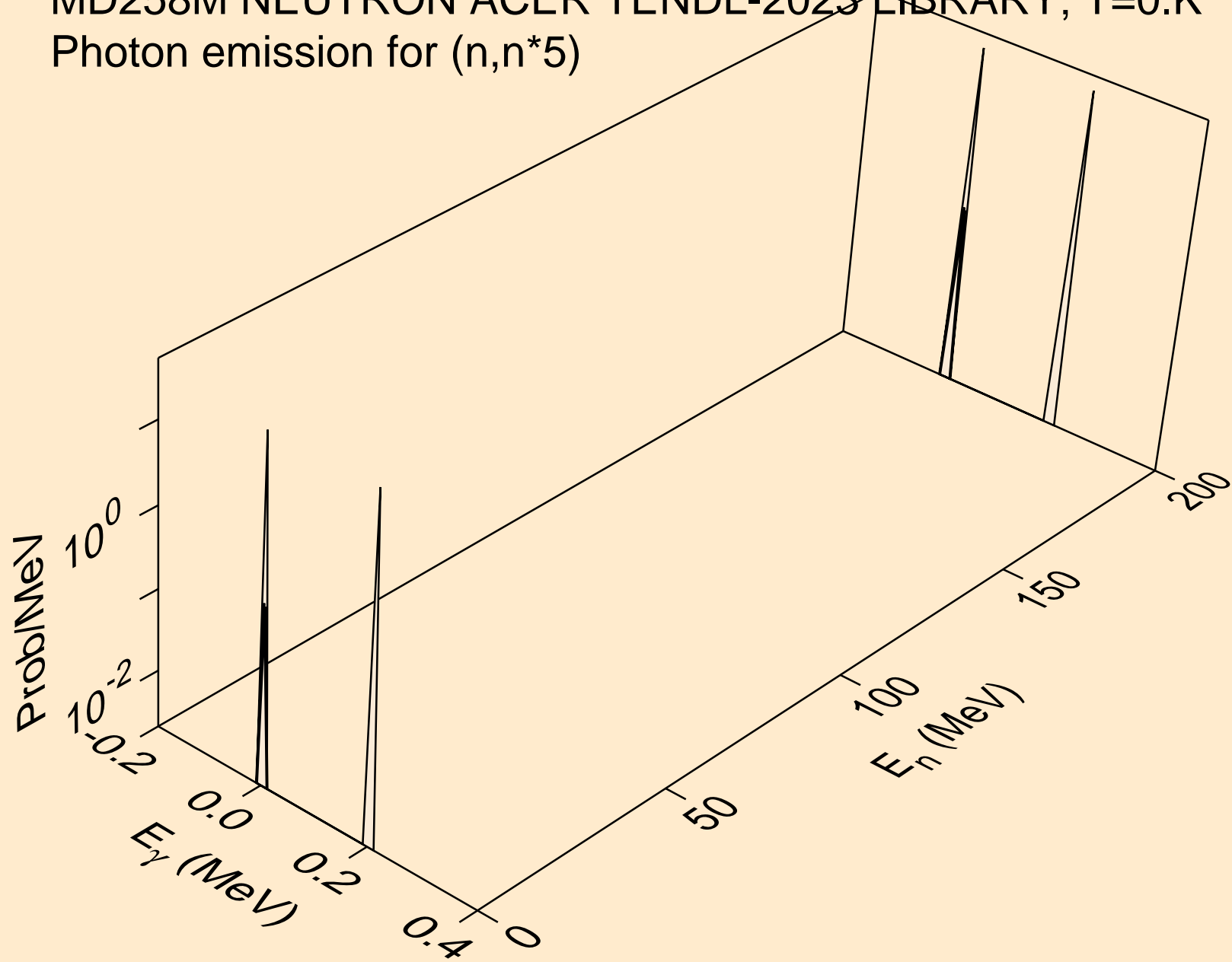
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Photon emission for (n,n\*3)



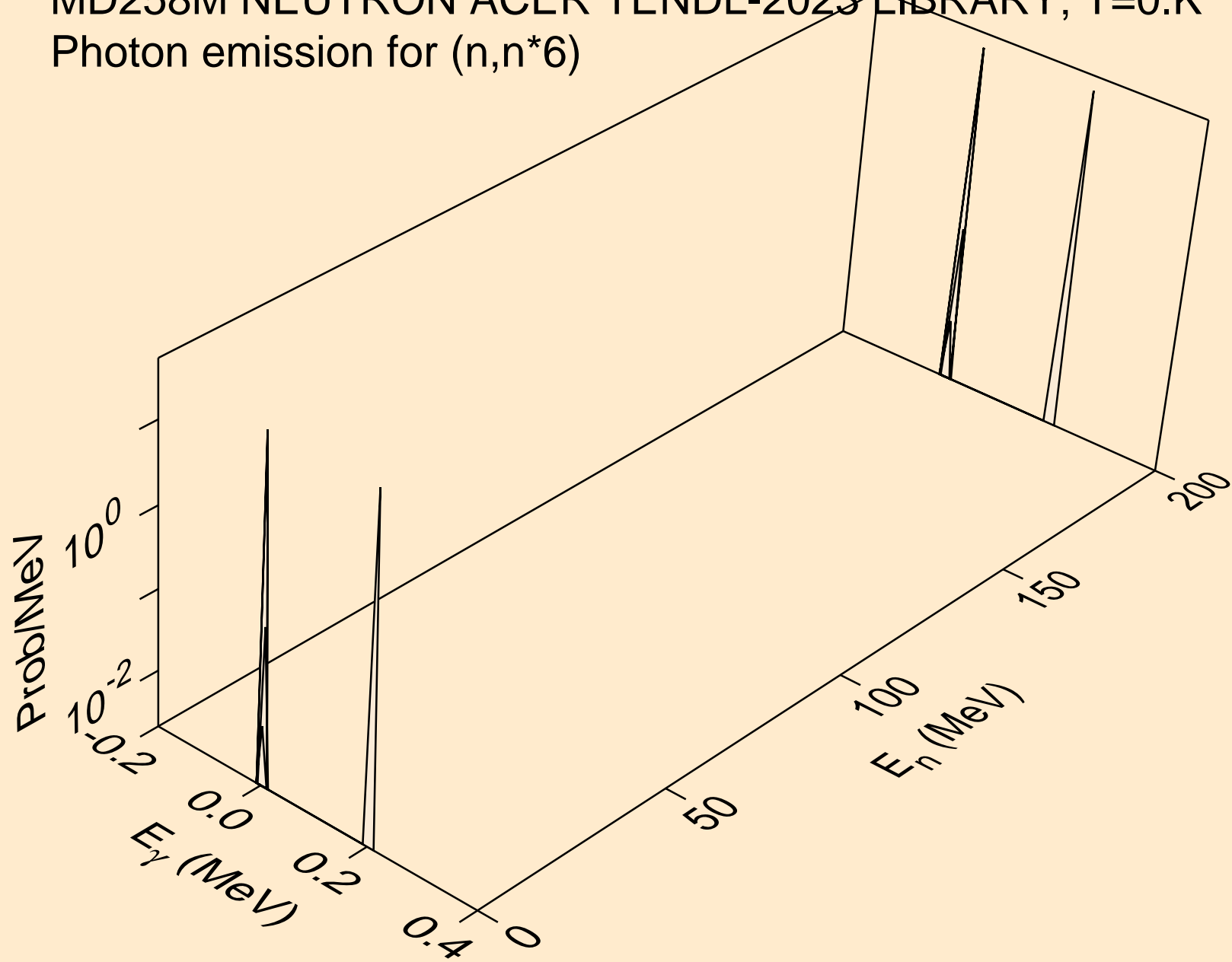
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Photon emission for (n,n\*4)



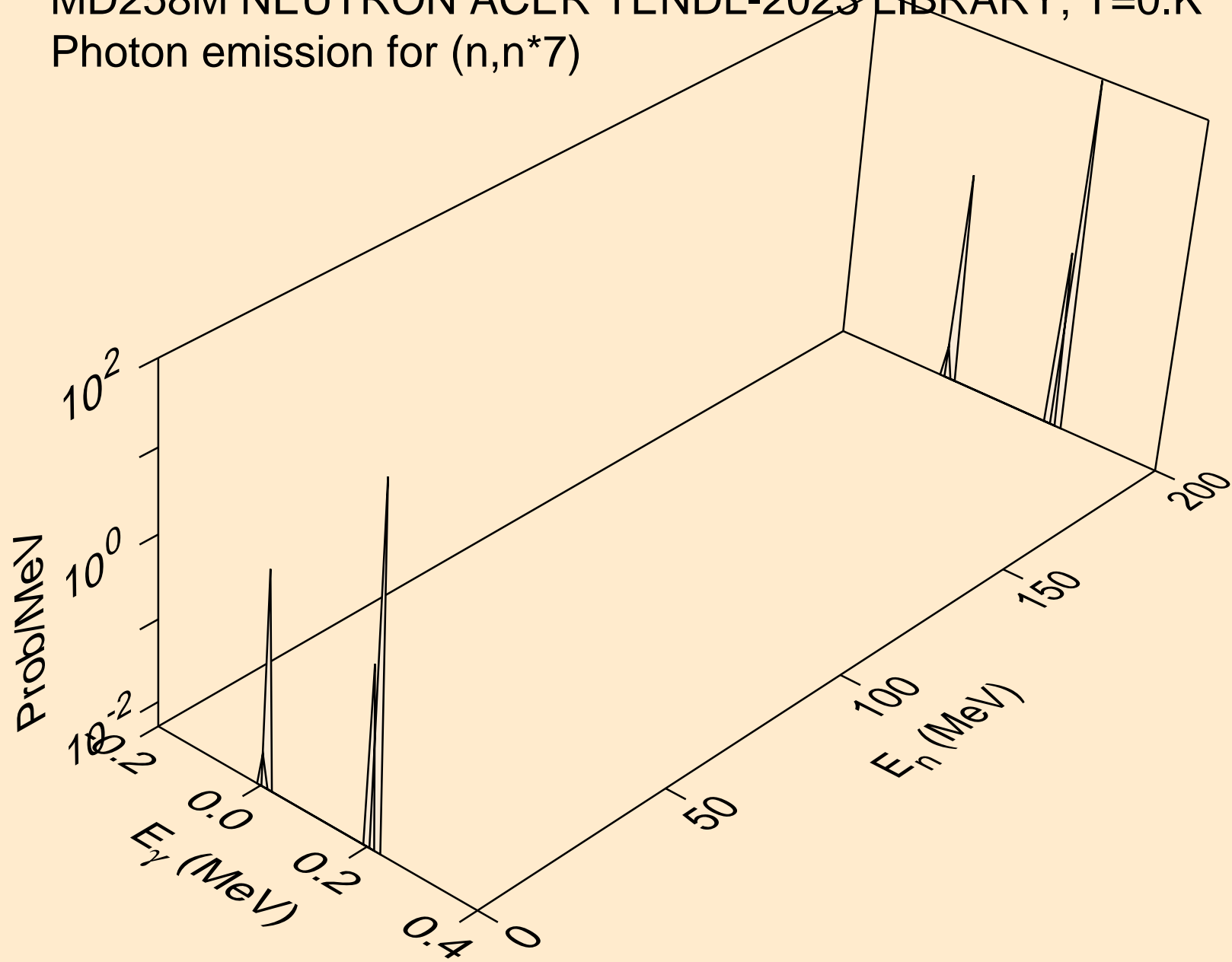
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

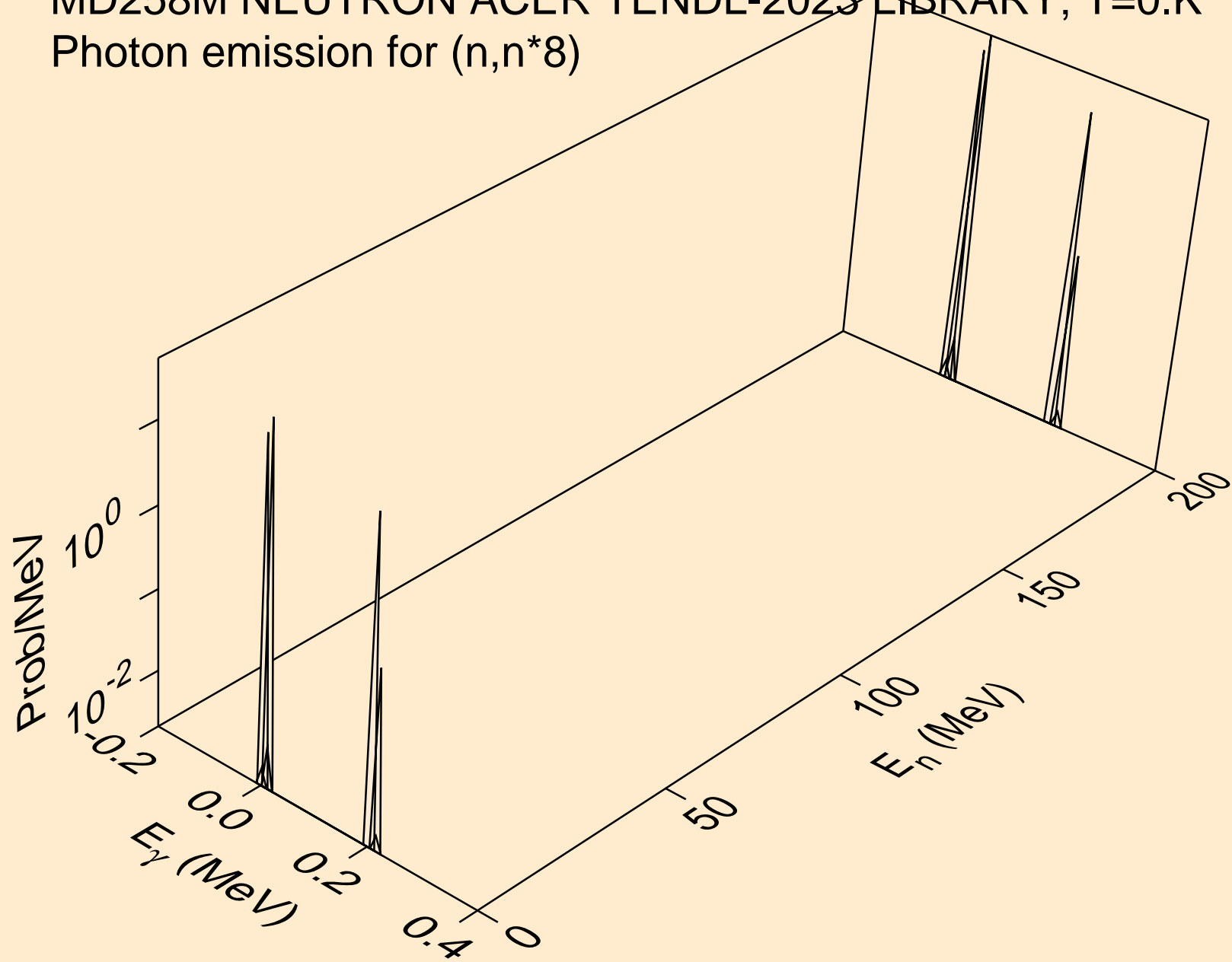


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Photon emission for (n,n\*7)

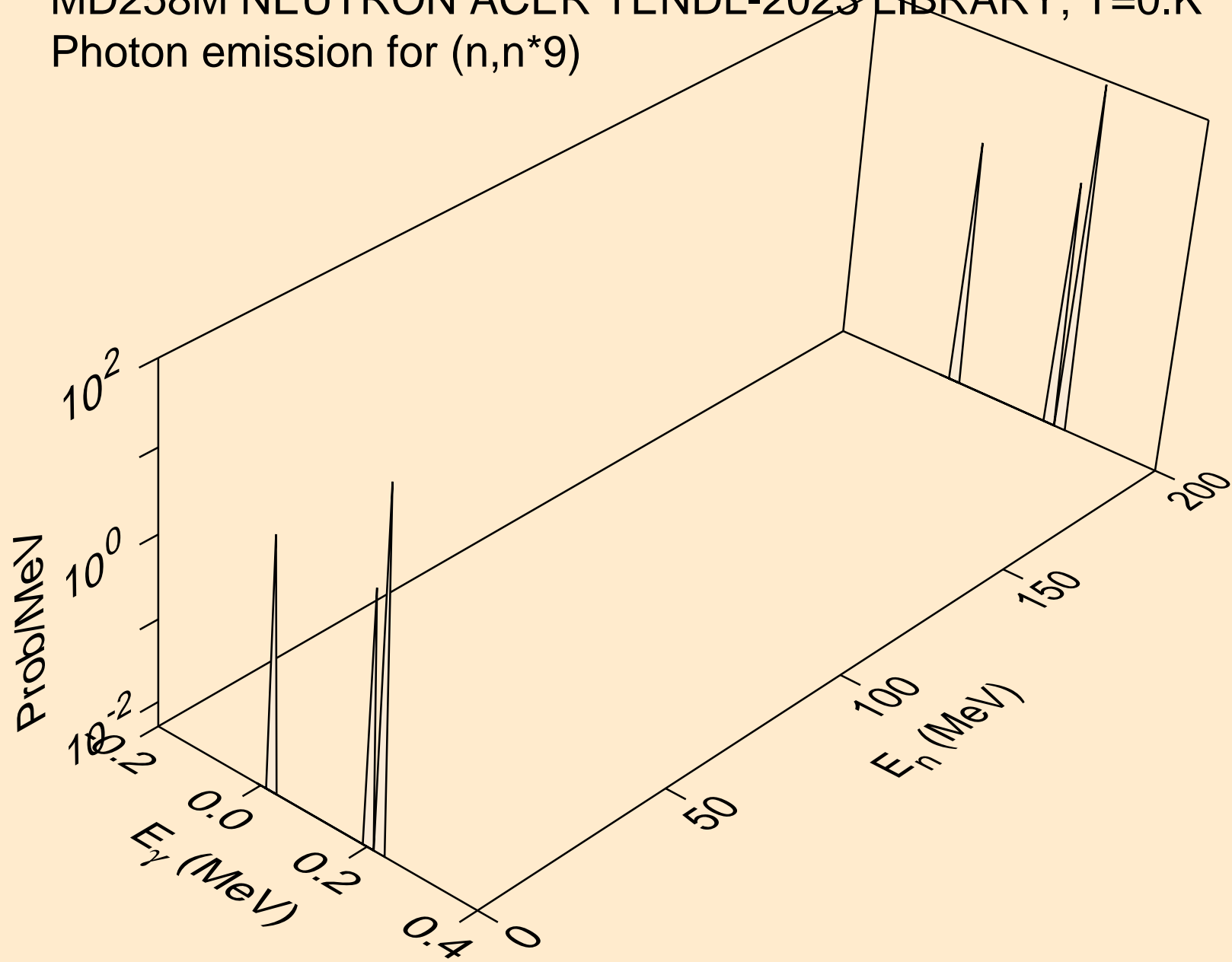




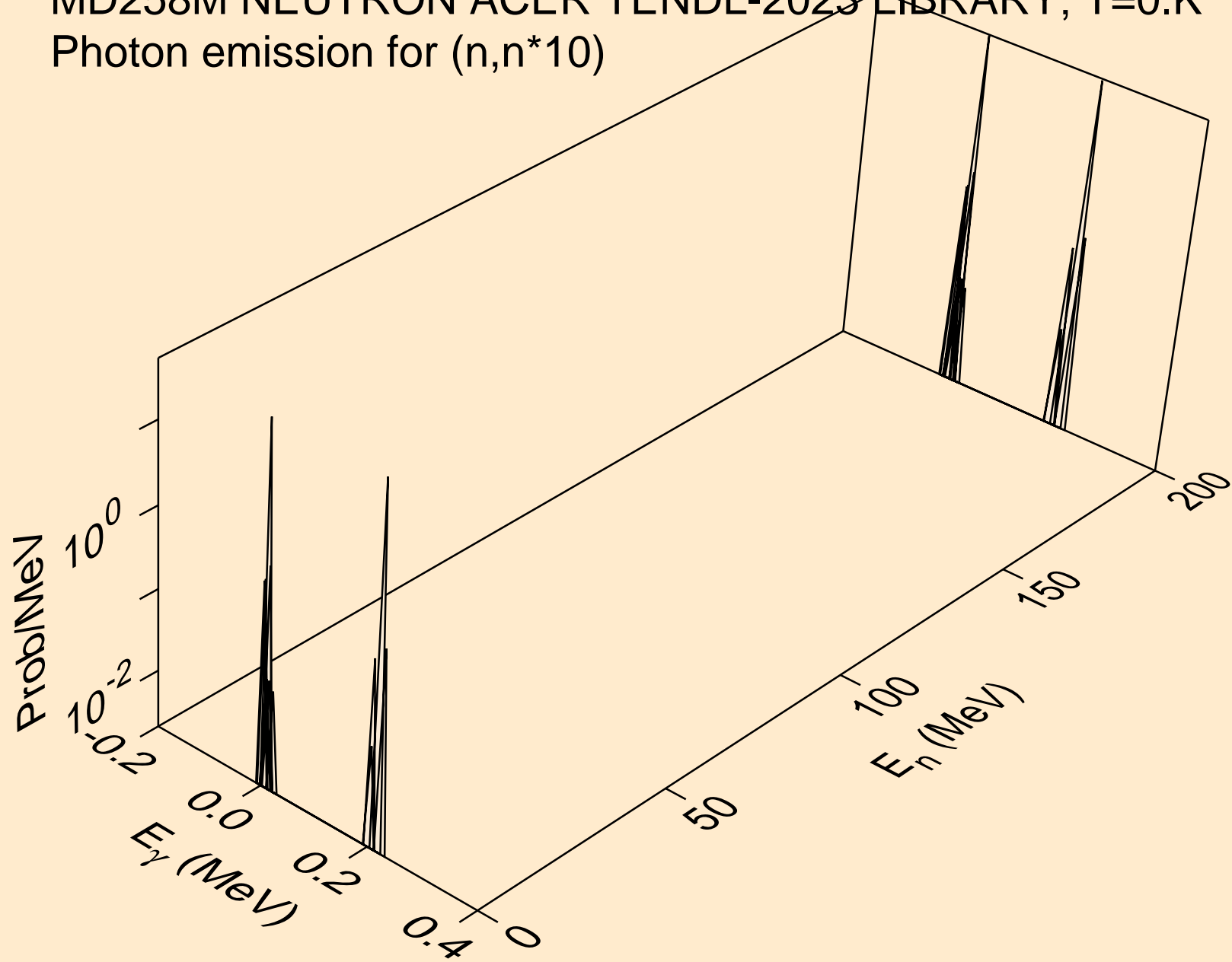
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Photon emission for (n,n\*8)



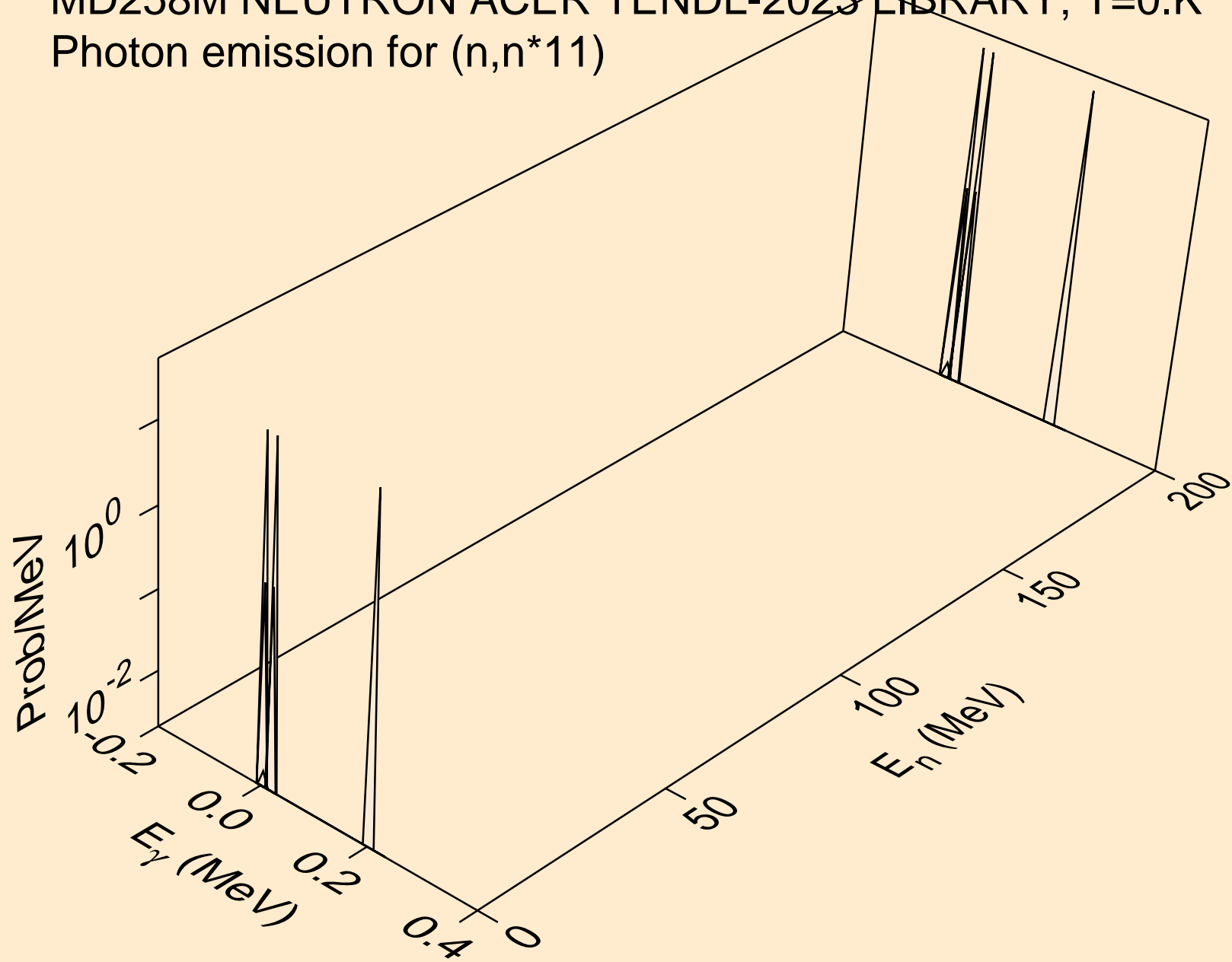
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Photon emission for (n,n\*9)



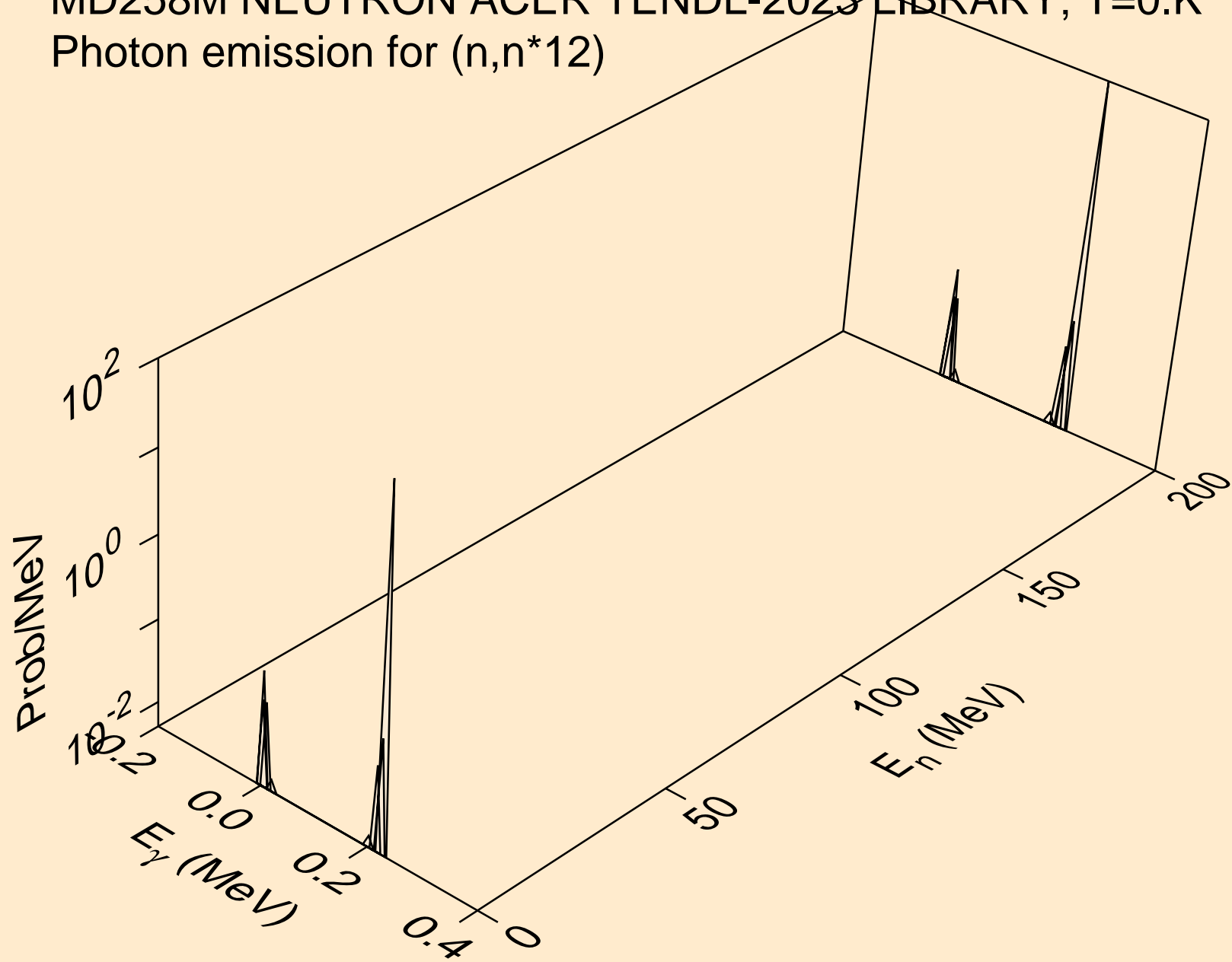
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Photon emission for (n,n\*10)



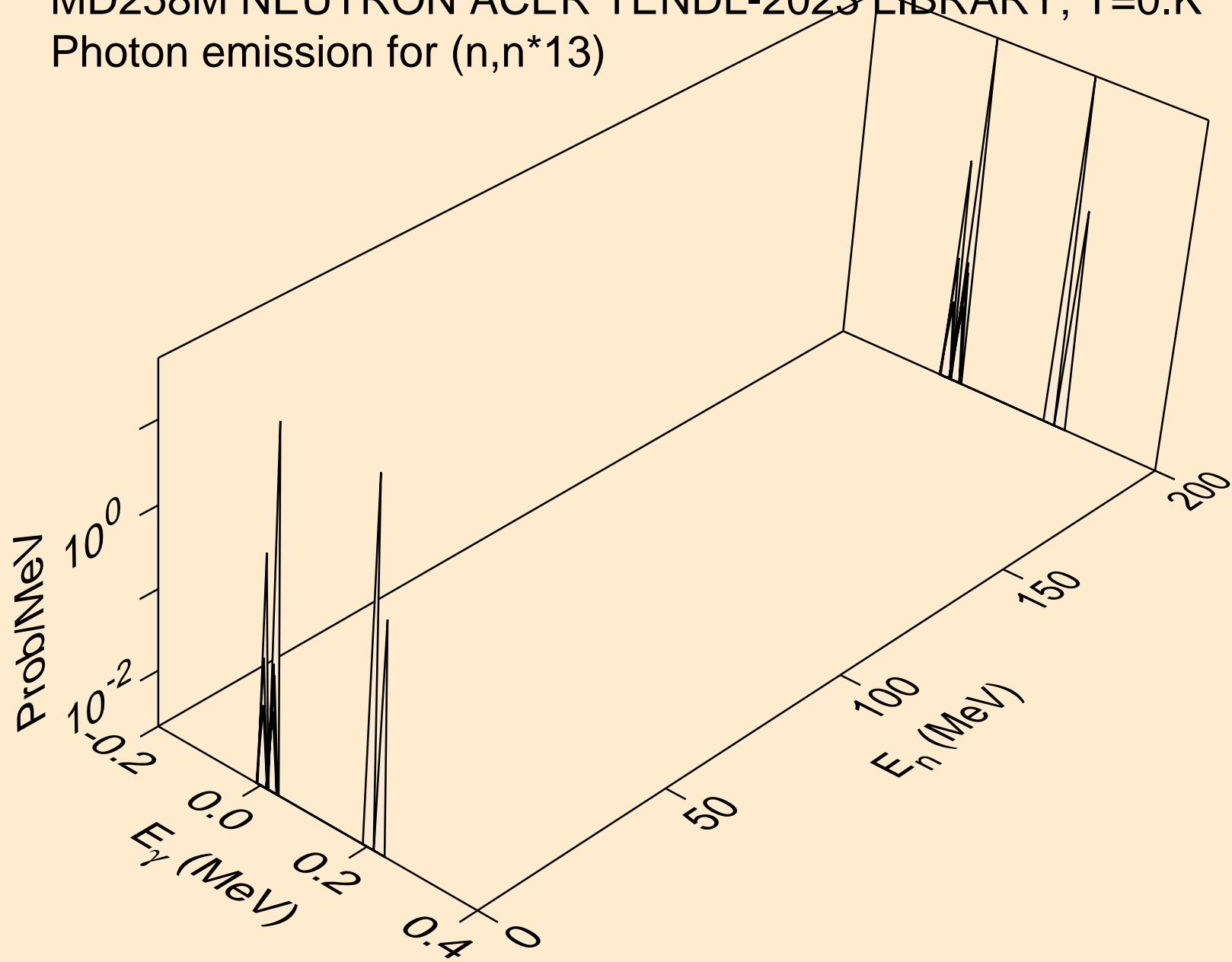
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Photon emission for (n,n\*11)



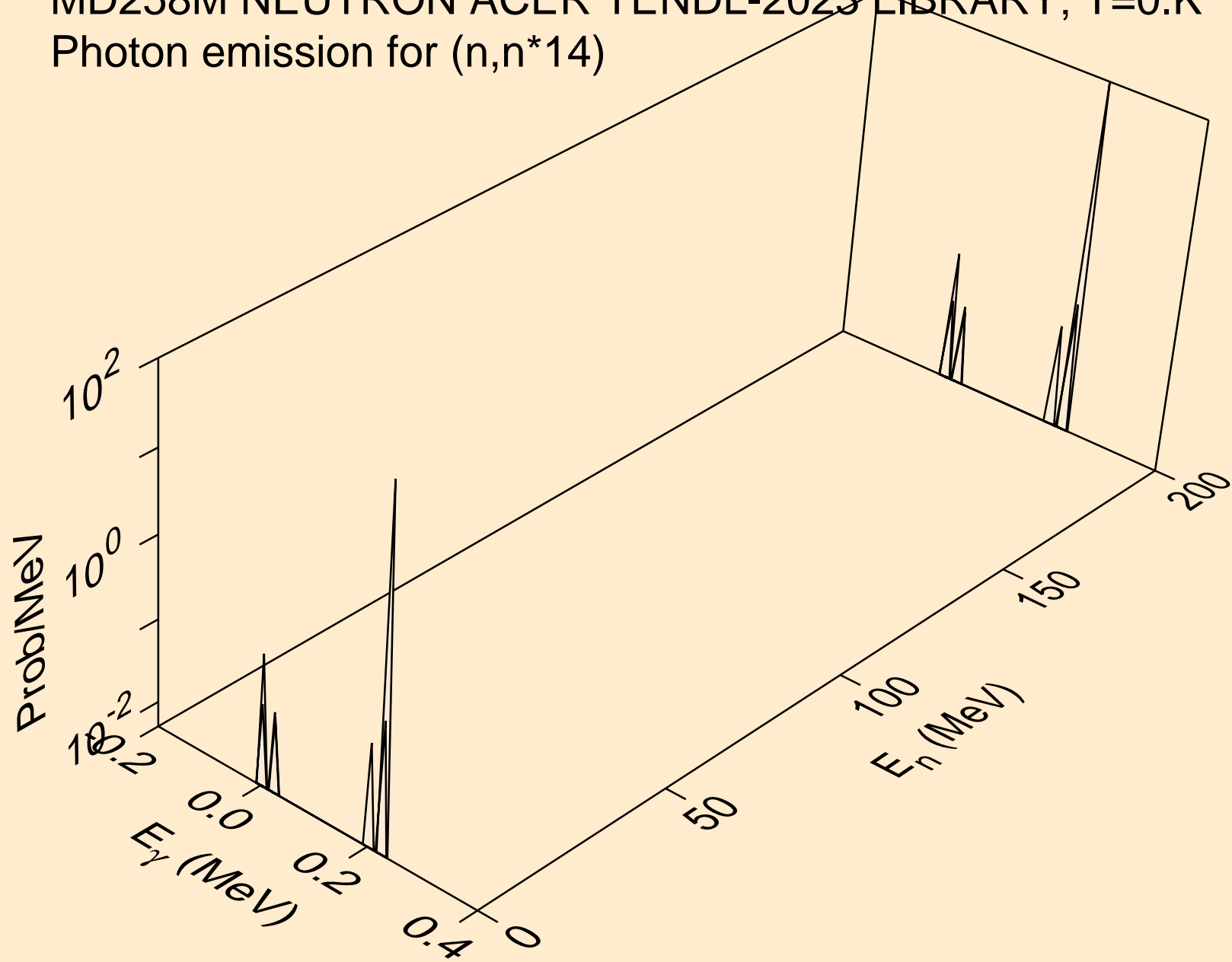
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Photon emission for (n,n\*12)



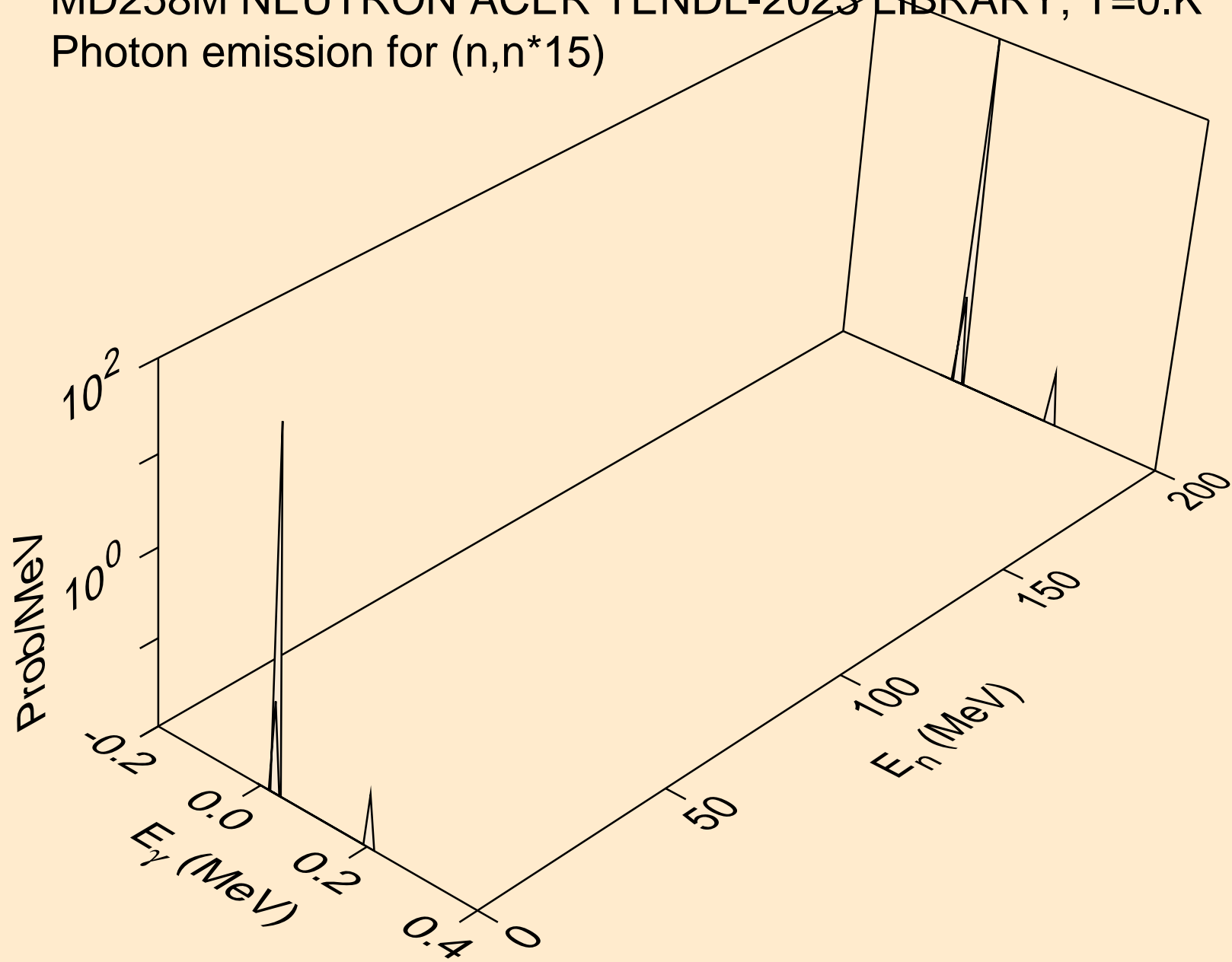
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Photon emission for (n,n\*13)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*14)

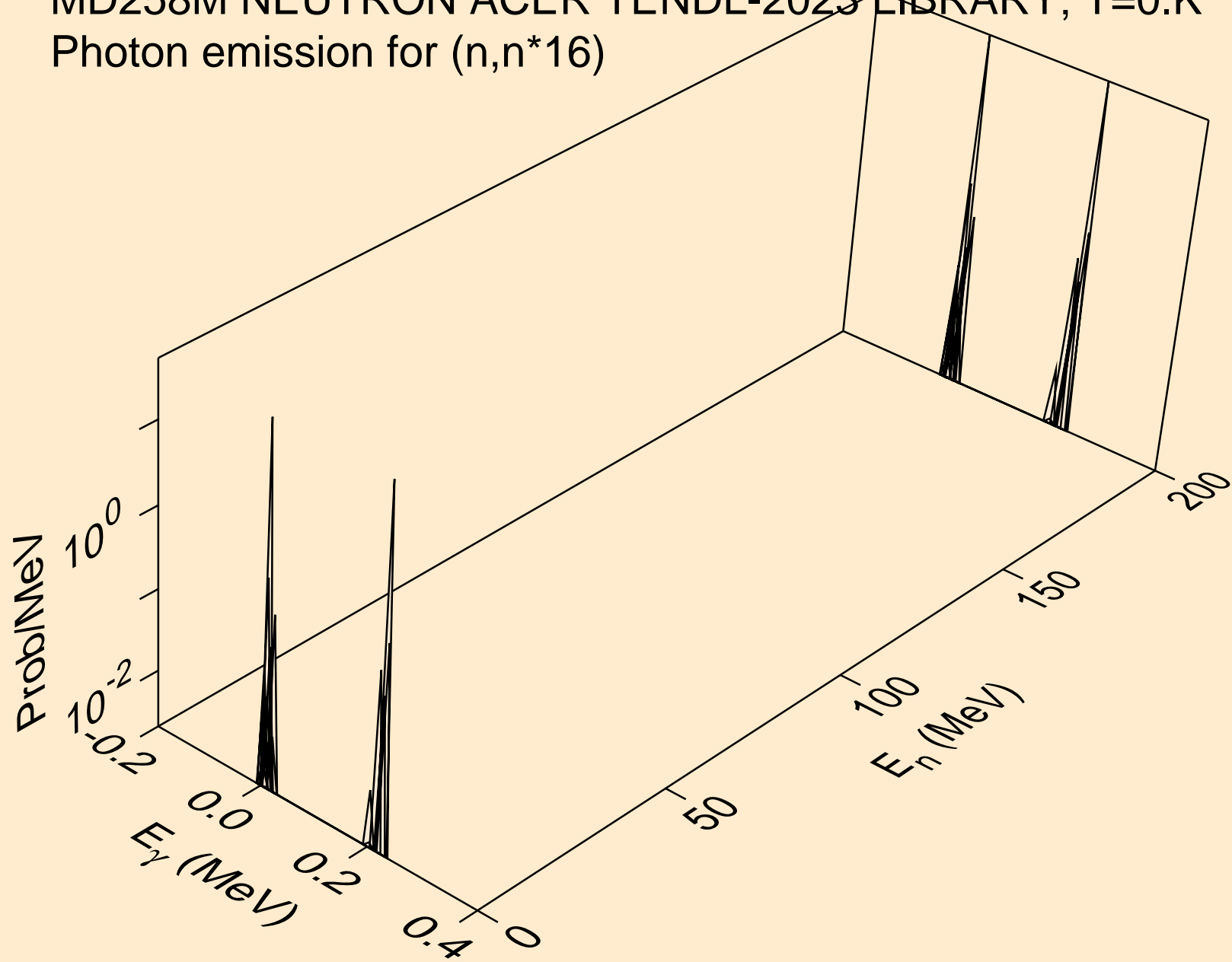


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Photon emission for (n,n\*15)

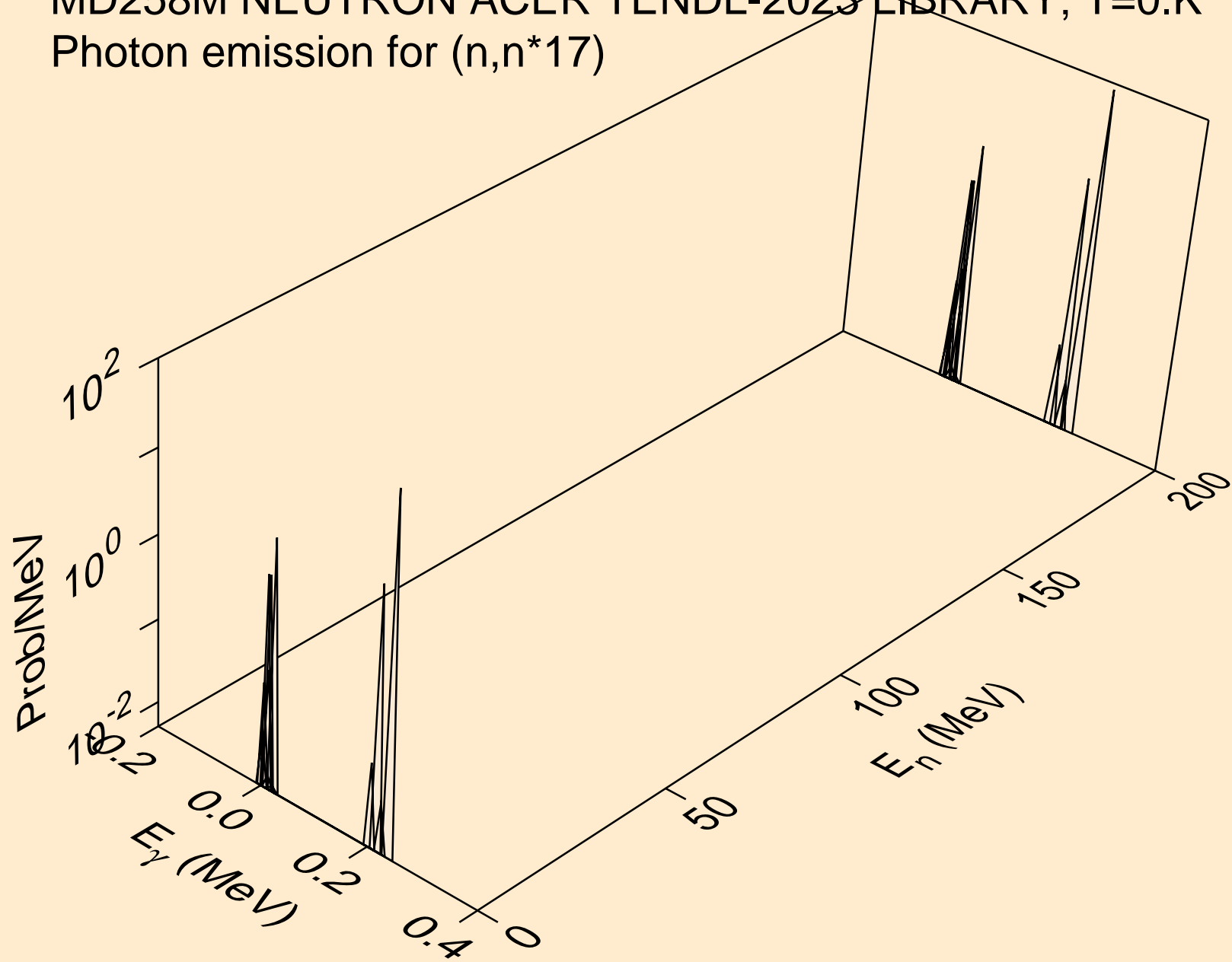




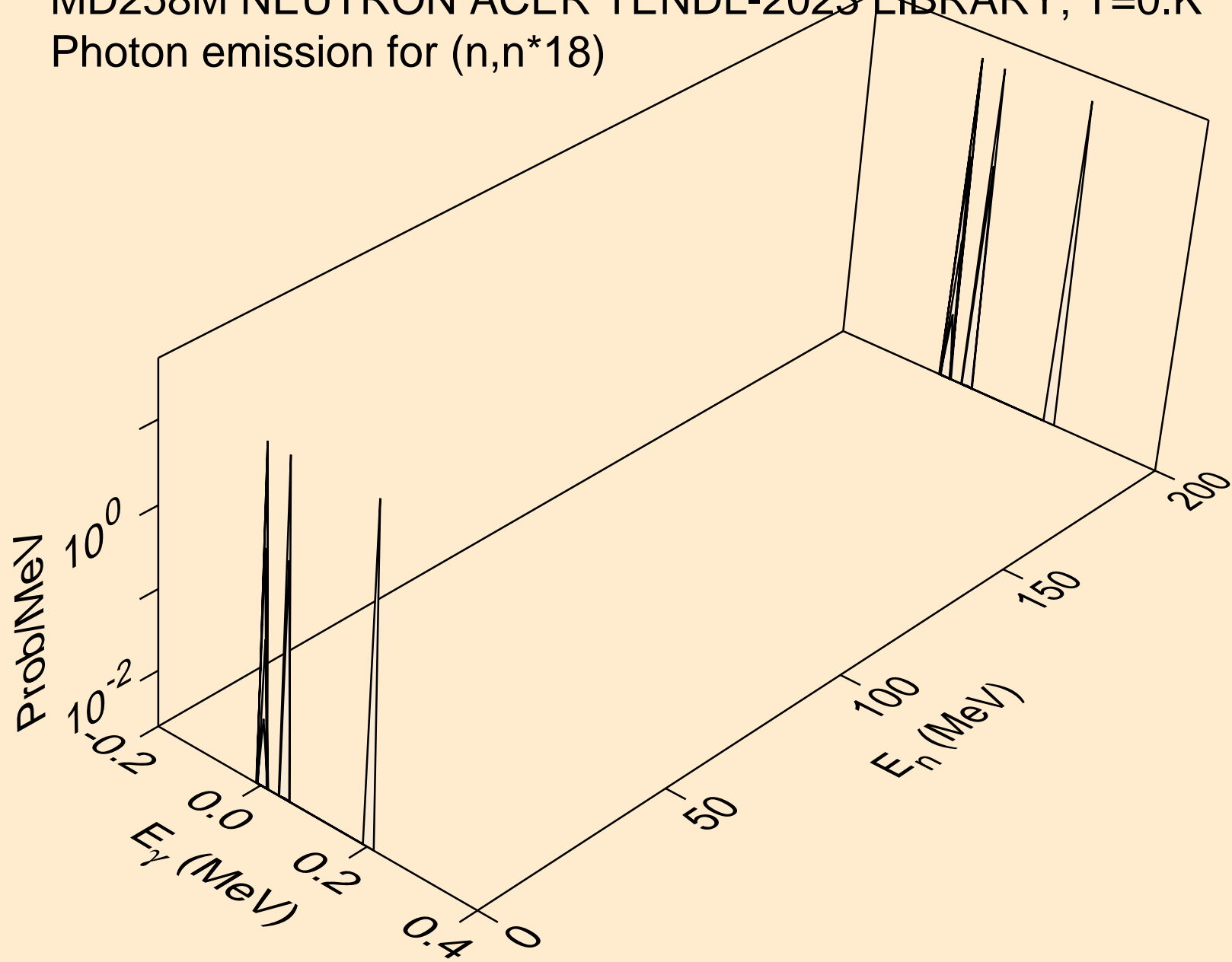
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Photon emission for (n,n\*16)



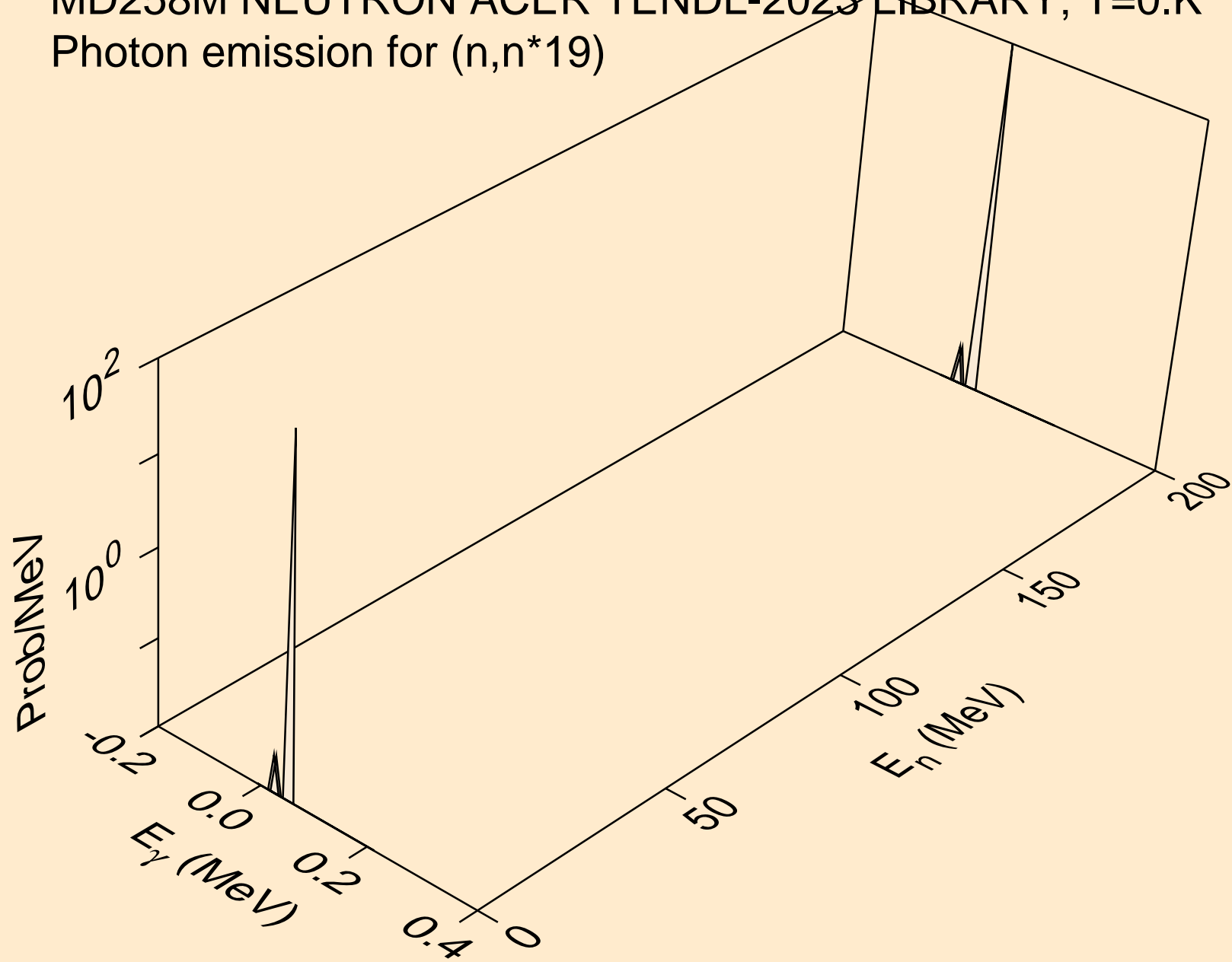
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Photon emission for (n,n\*17)



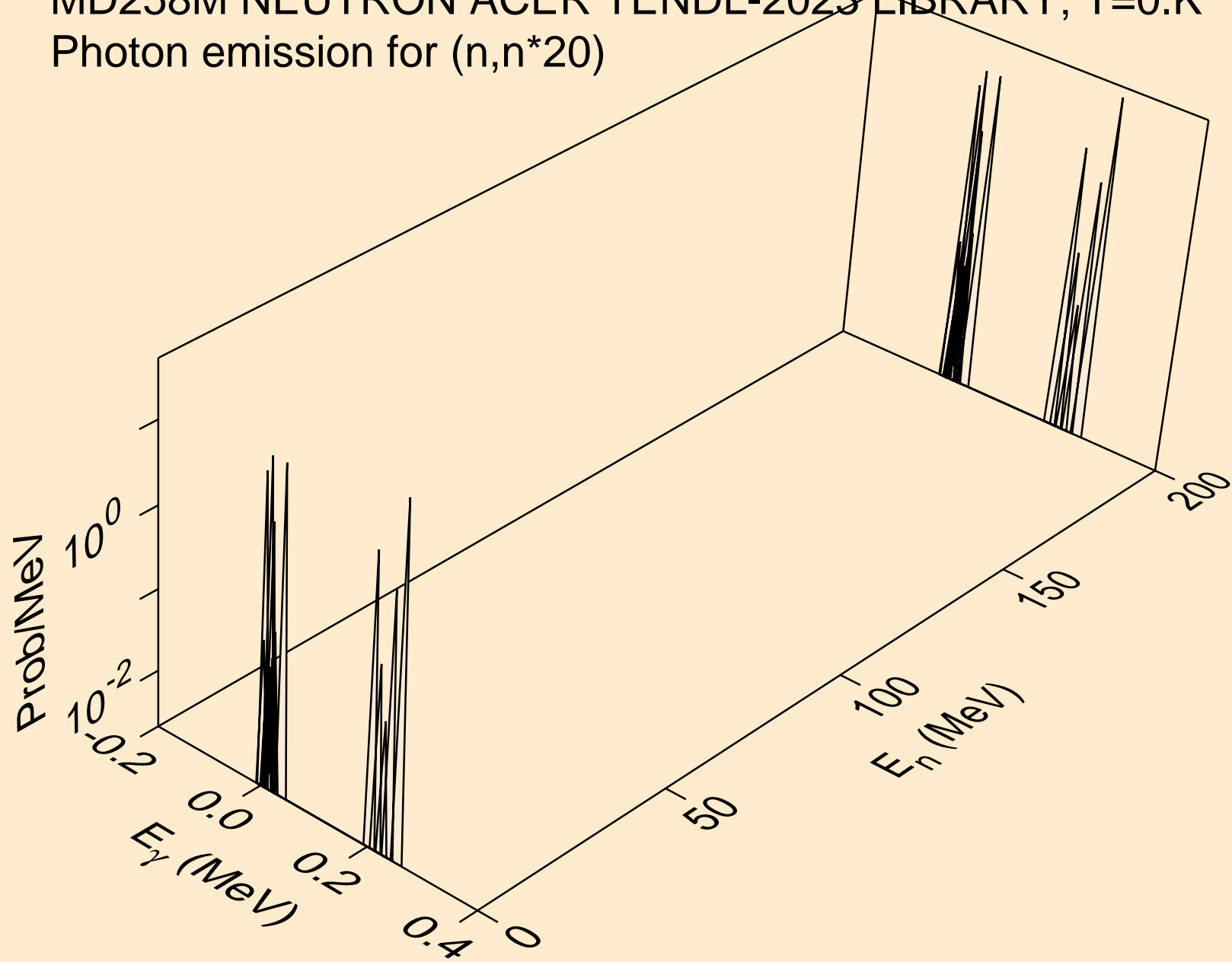
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Photon emission for (n,n\*18)



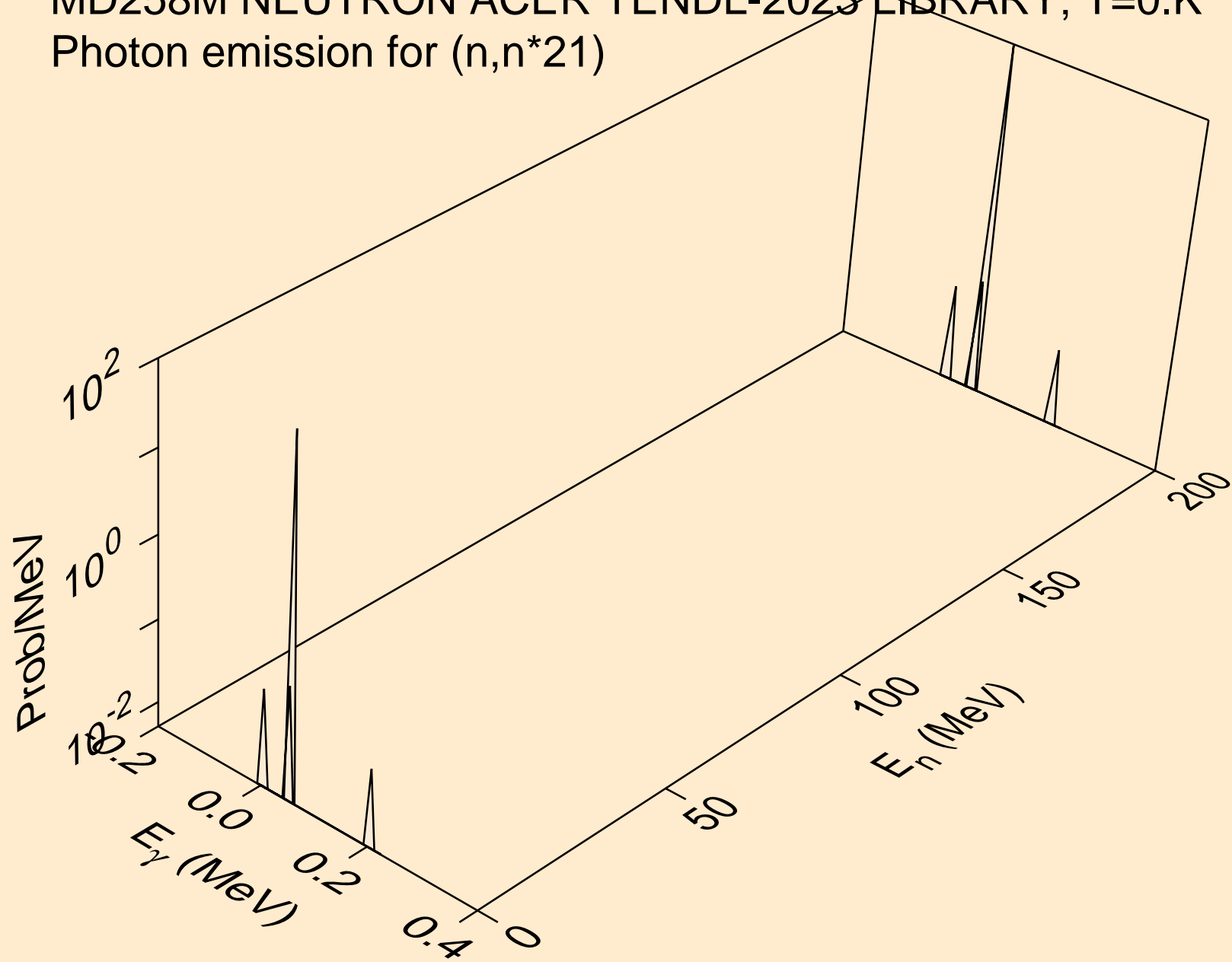
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Photon emission for (n,n\*19)



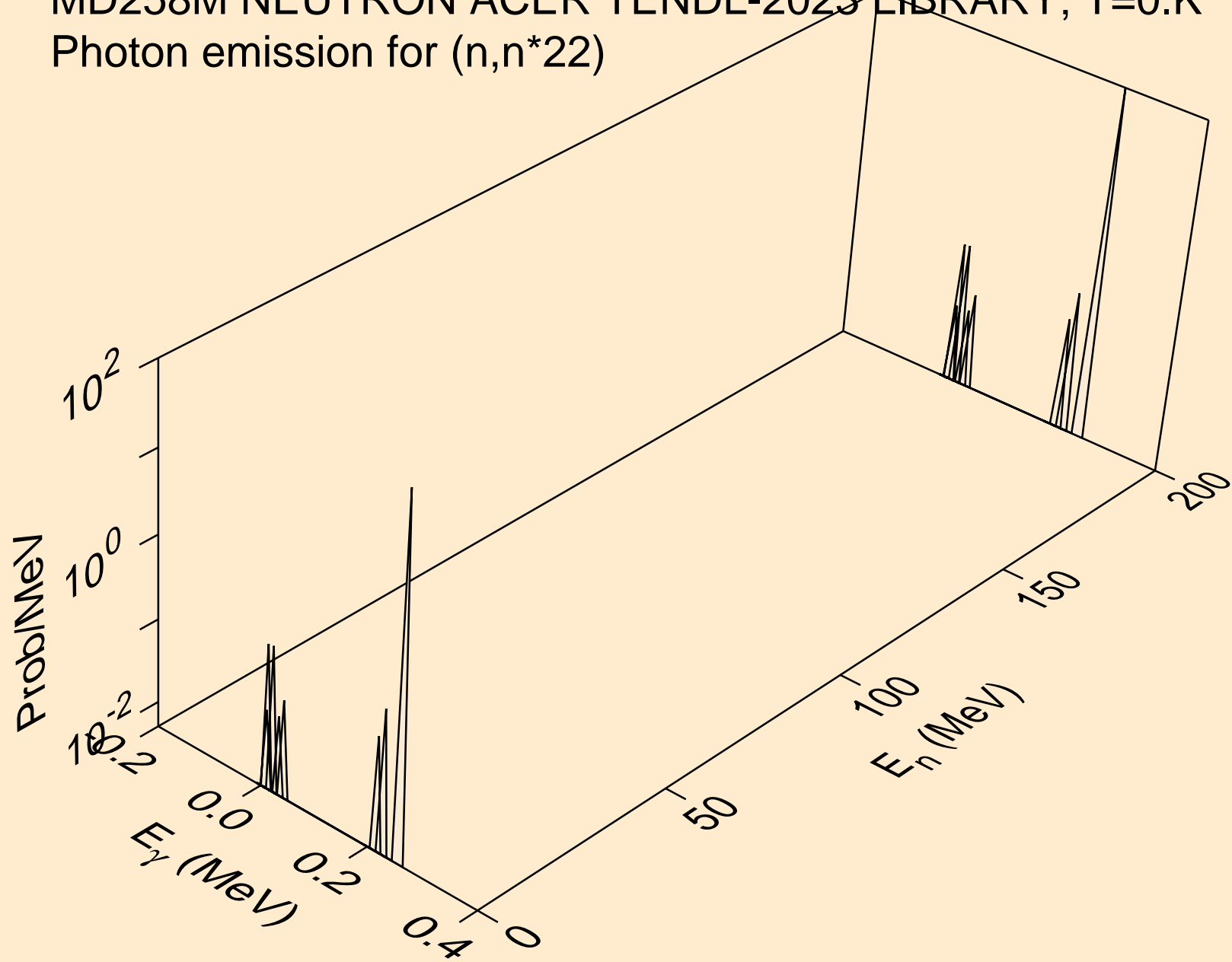
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Photon emission for (n,n\*20)



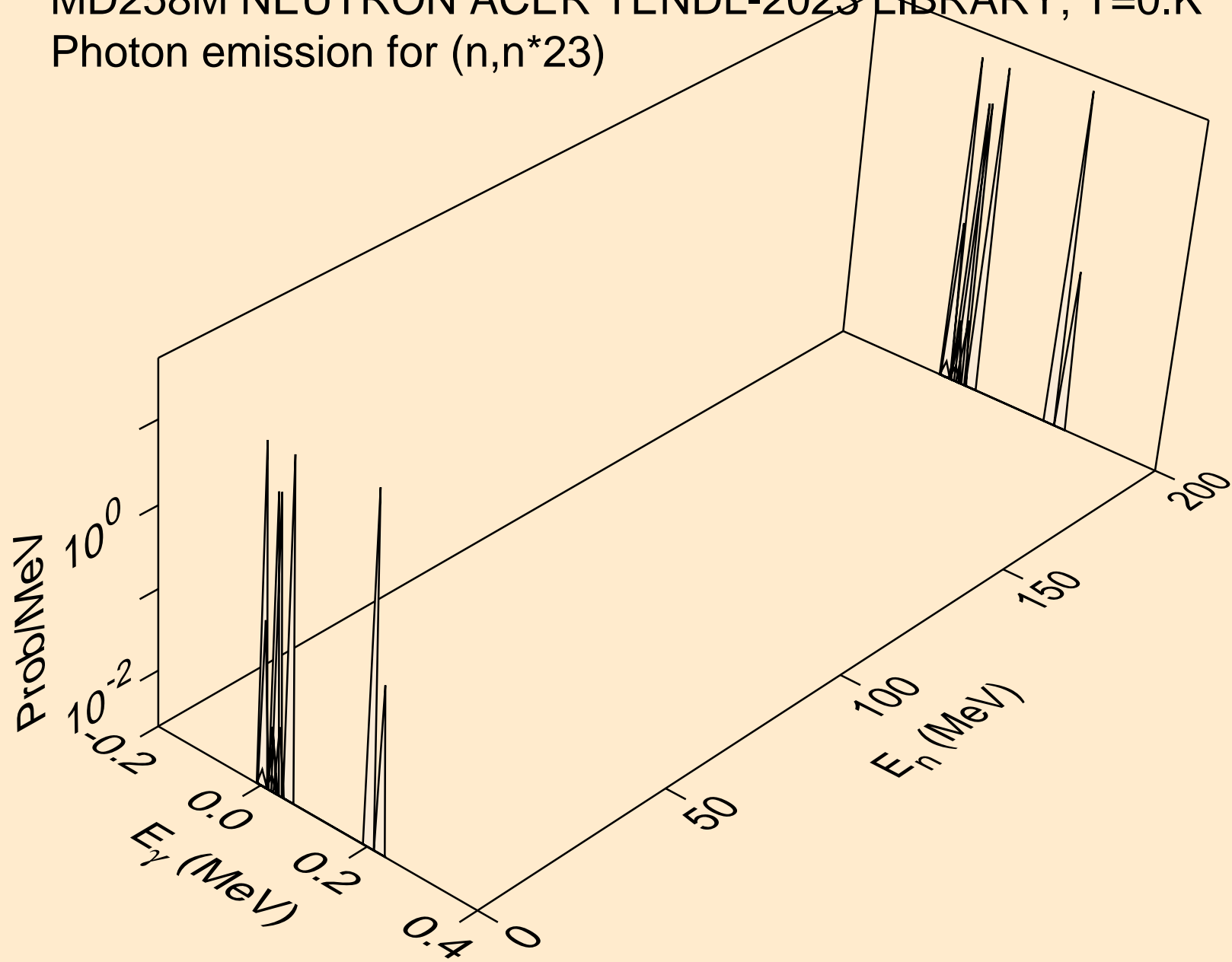
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Photon emission for (n,n\*21)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*22)

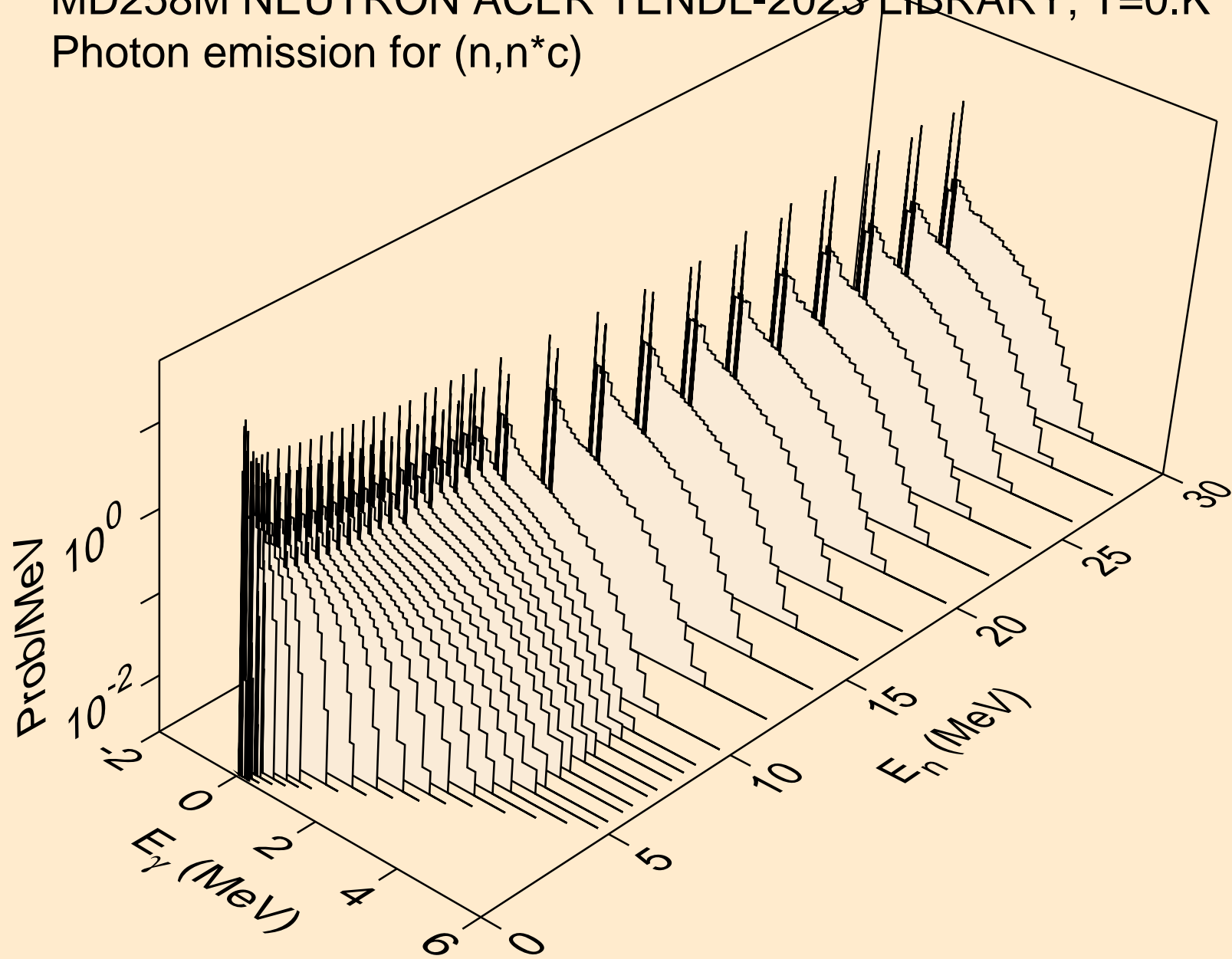


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Photon emission for (n,n\*23)

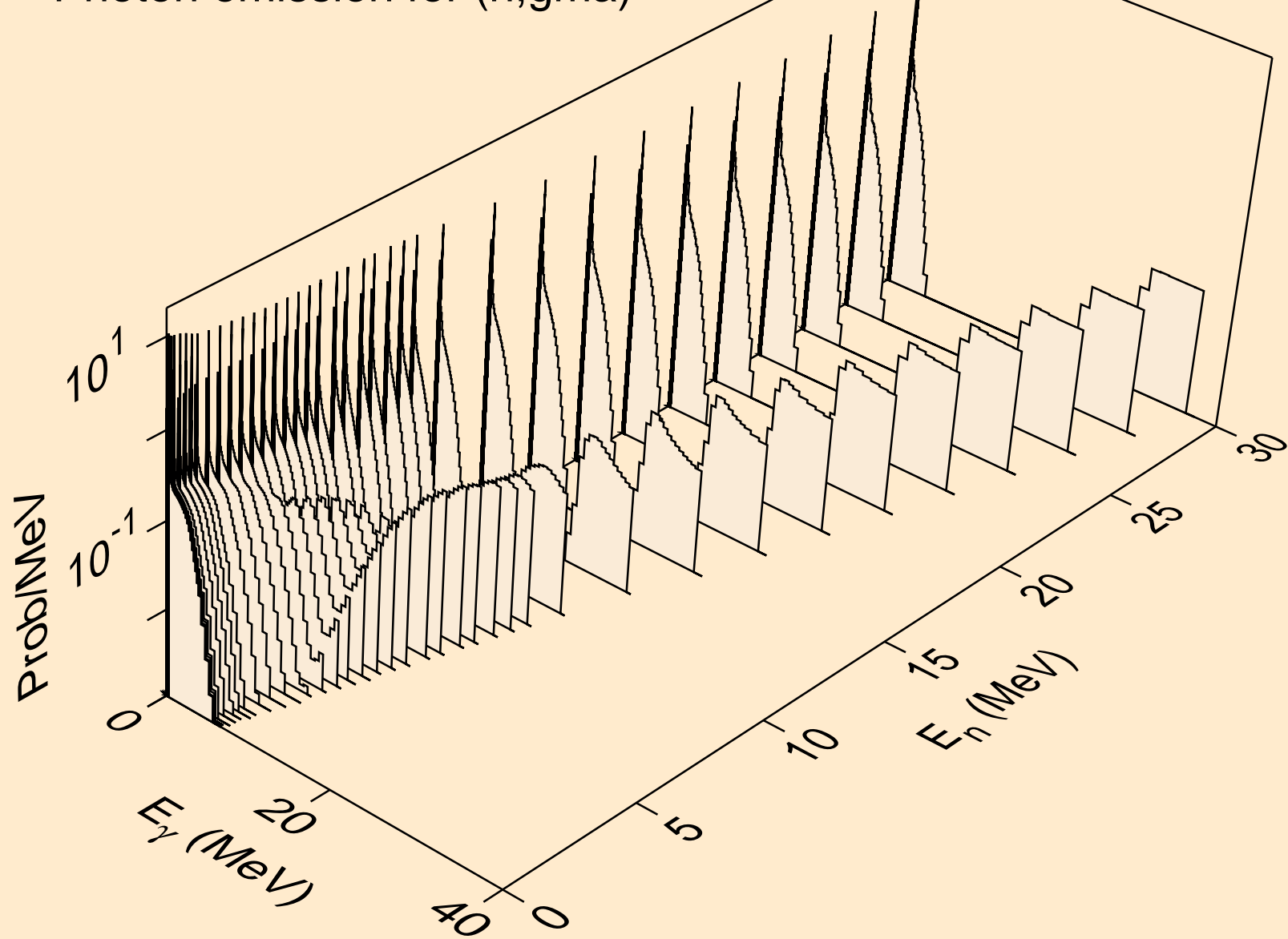




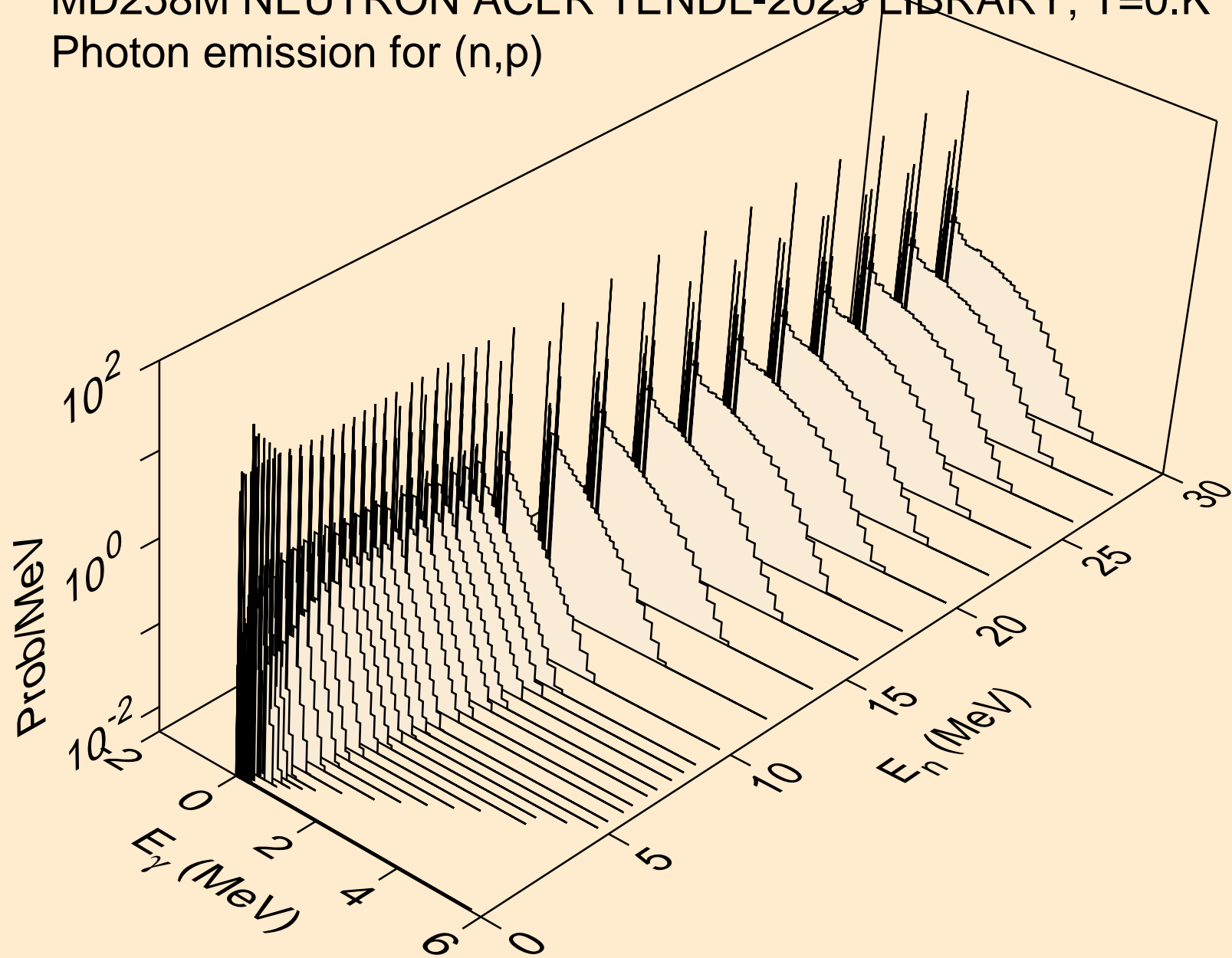
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Photon emission for (n,n\*c)



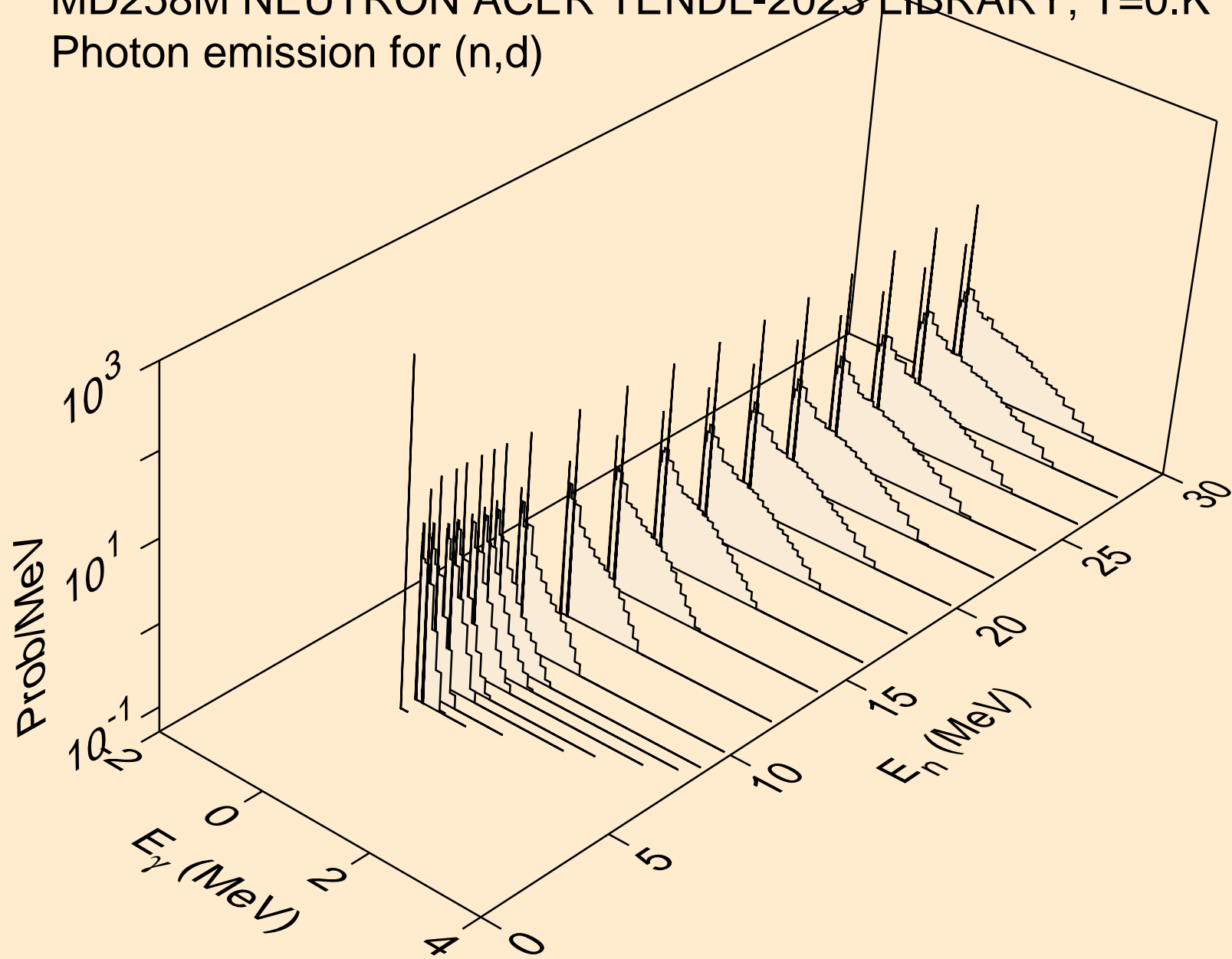
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Photon emission for (n,gma)



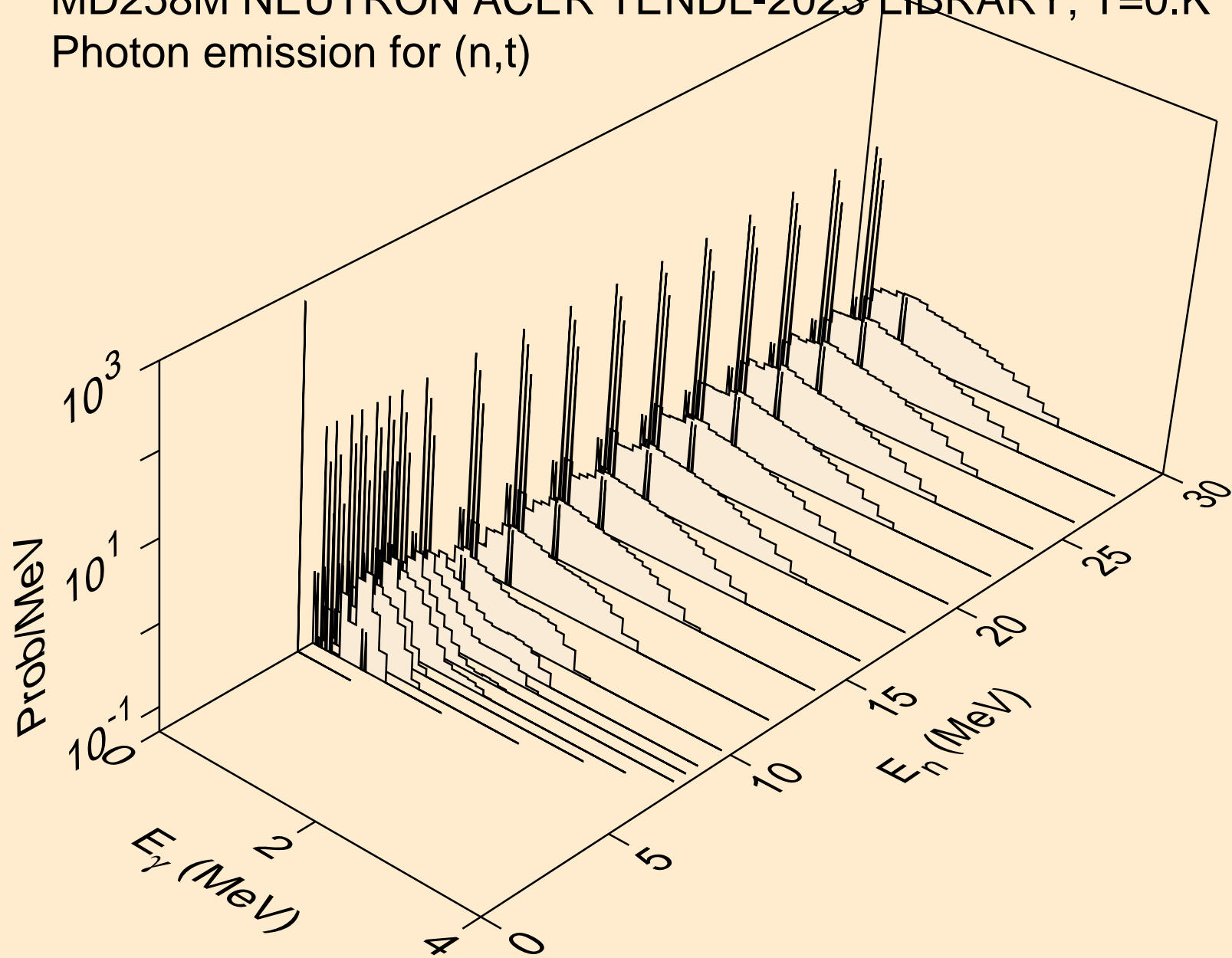
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Photon emission for (n,p)



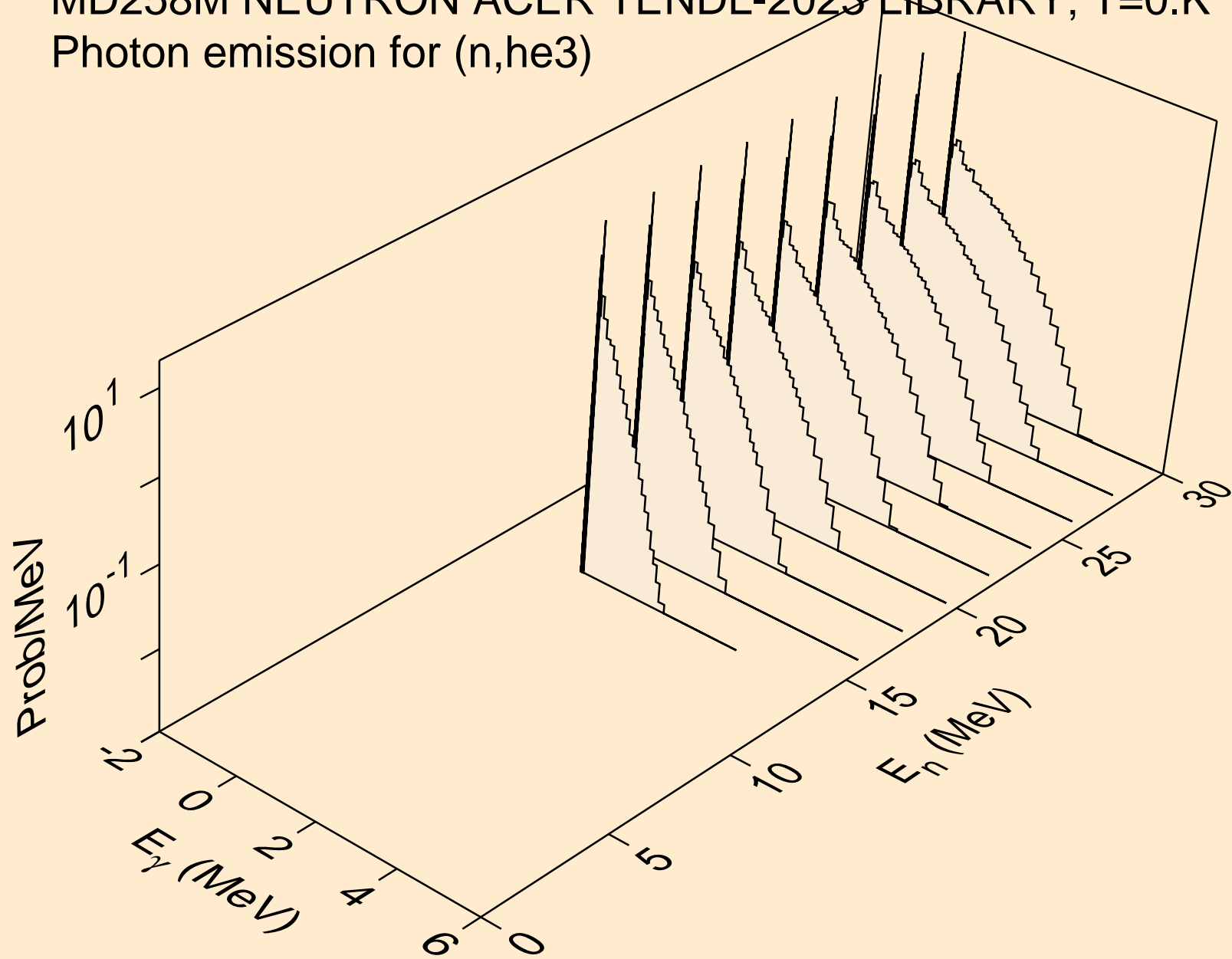
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Photon emission for (n,d)



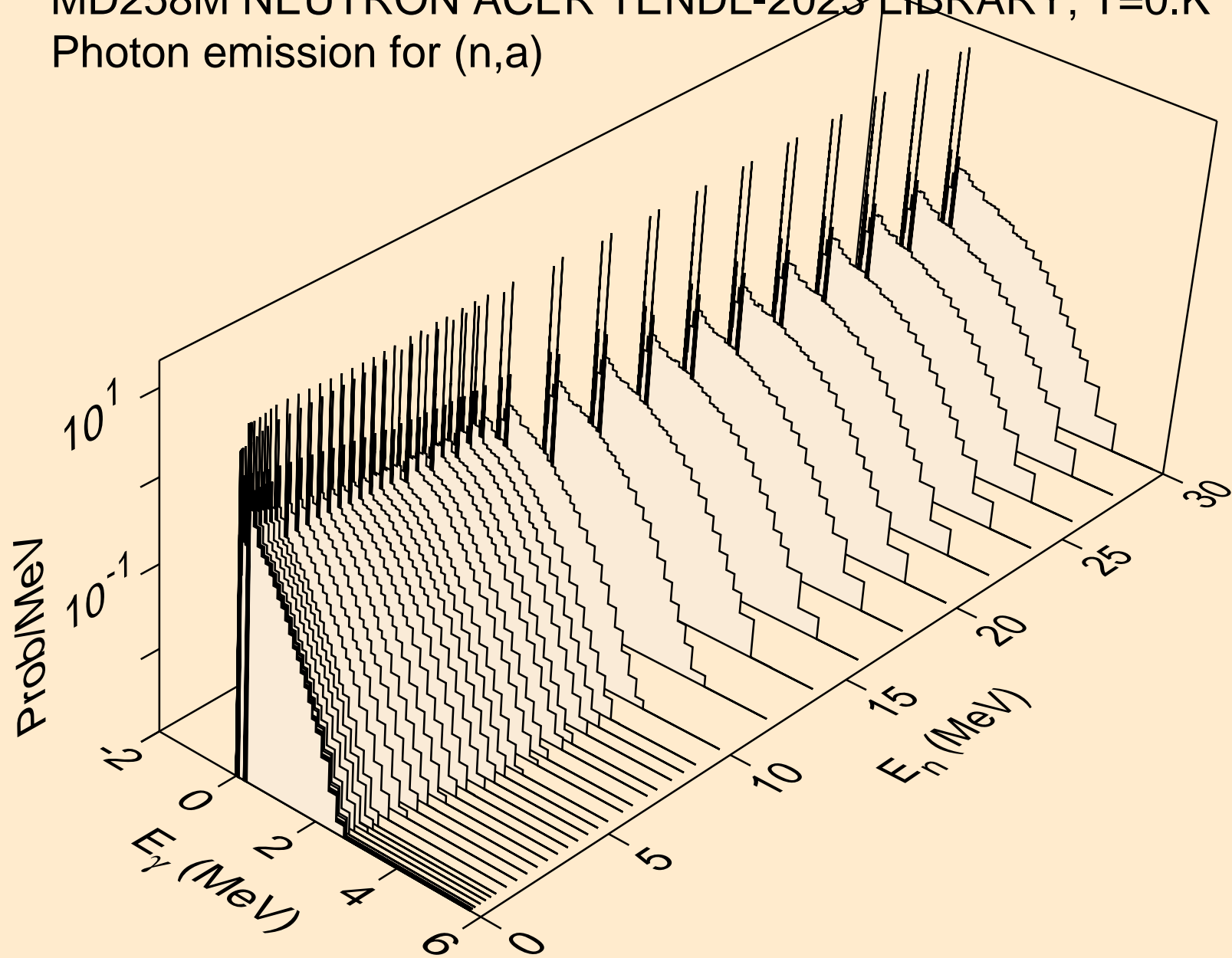
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Photon emission for (n,t)



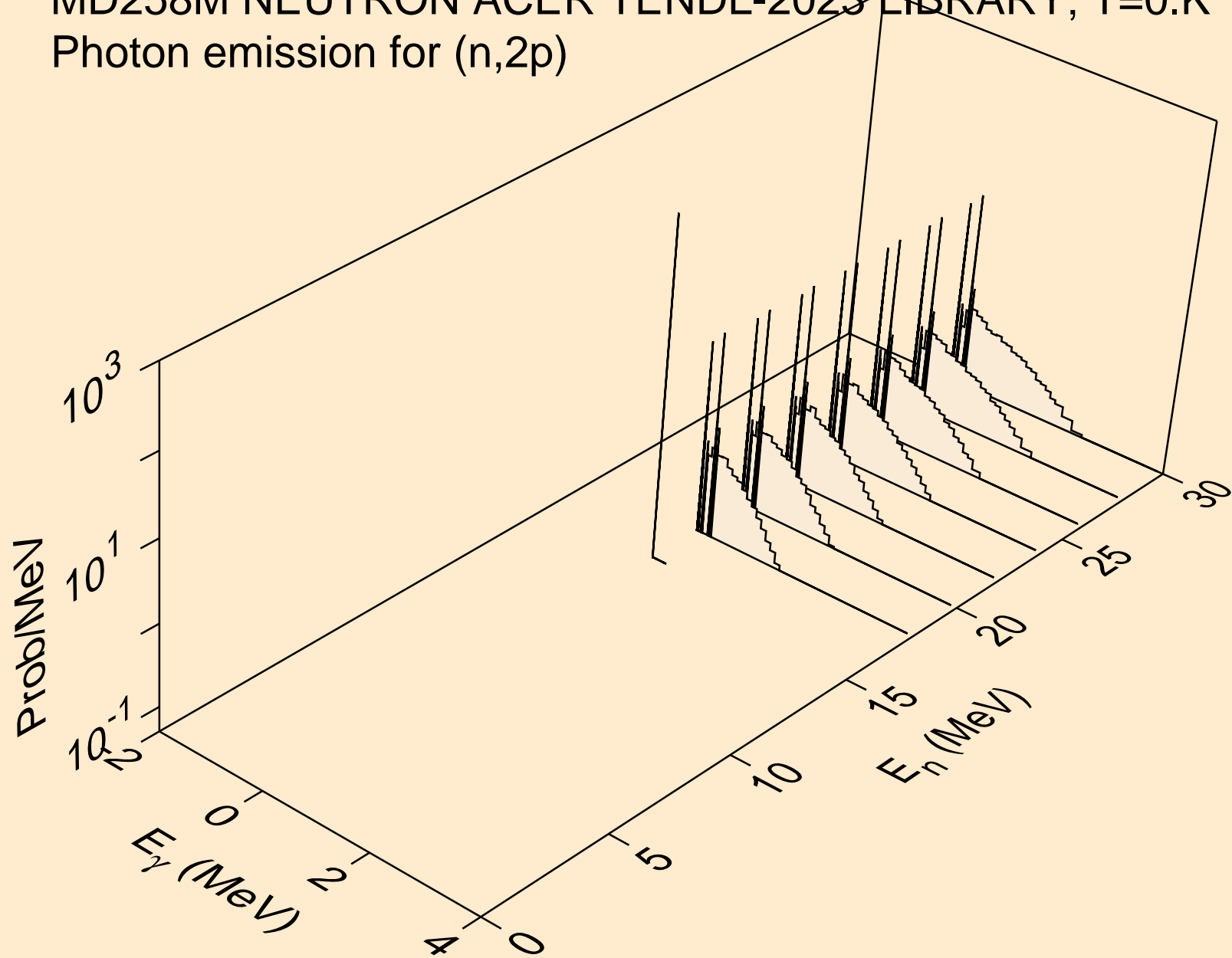
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Photon emission for (n,he3)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

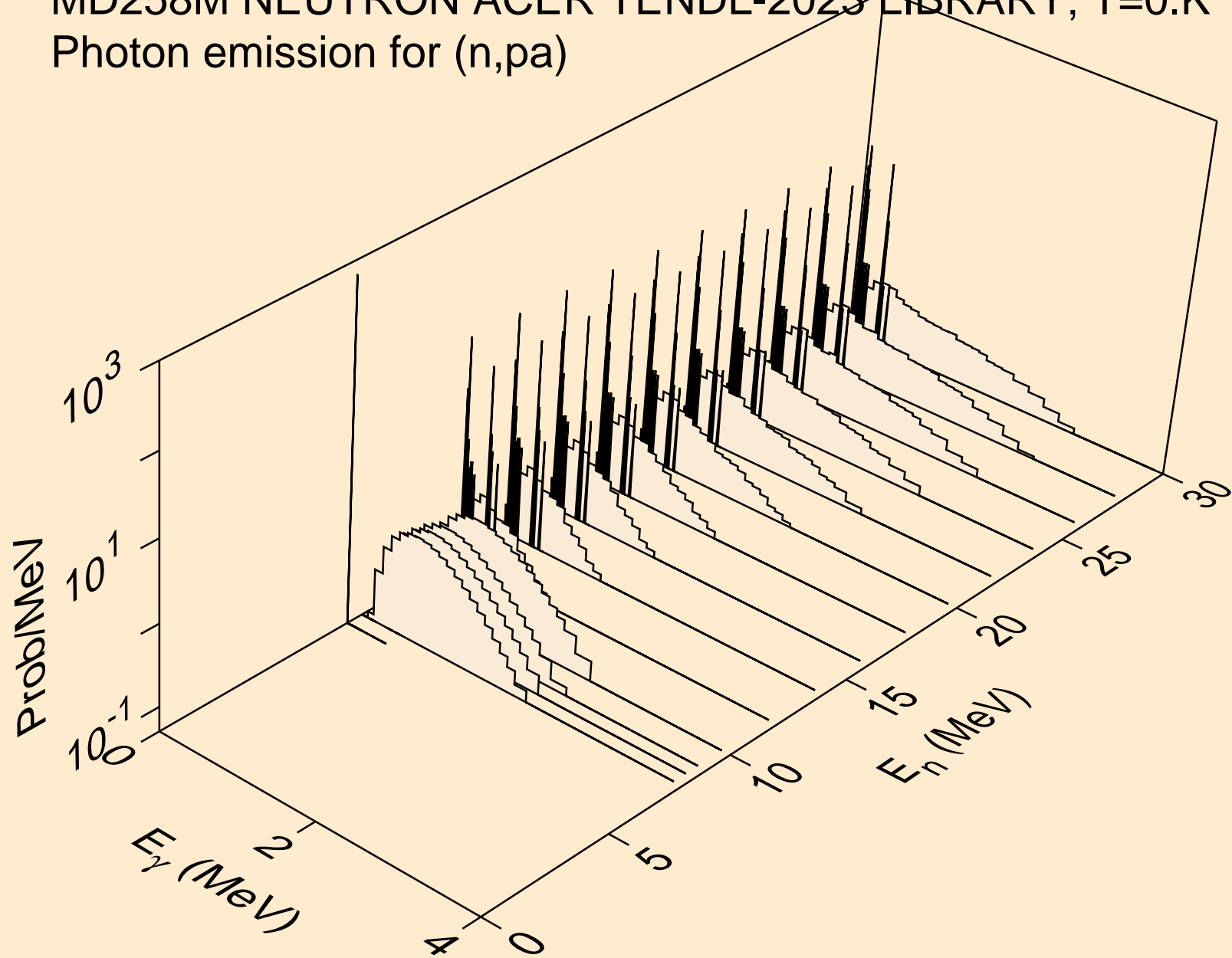


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Photon emission for (n,2p)

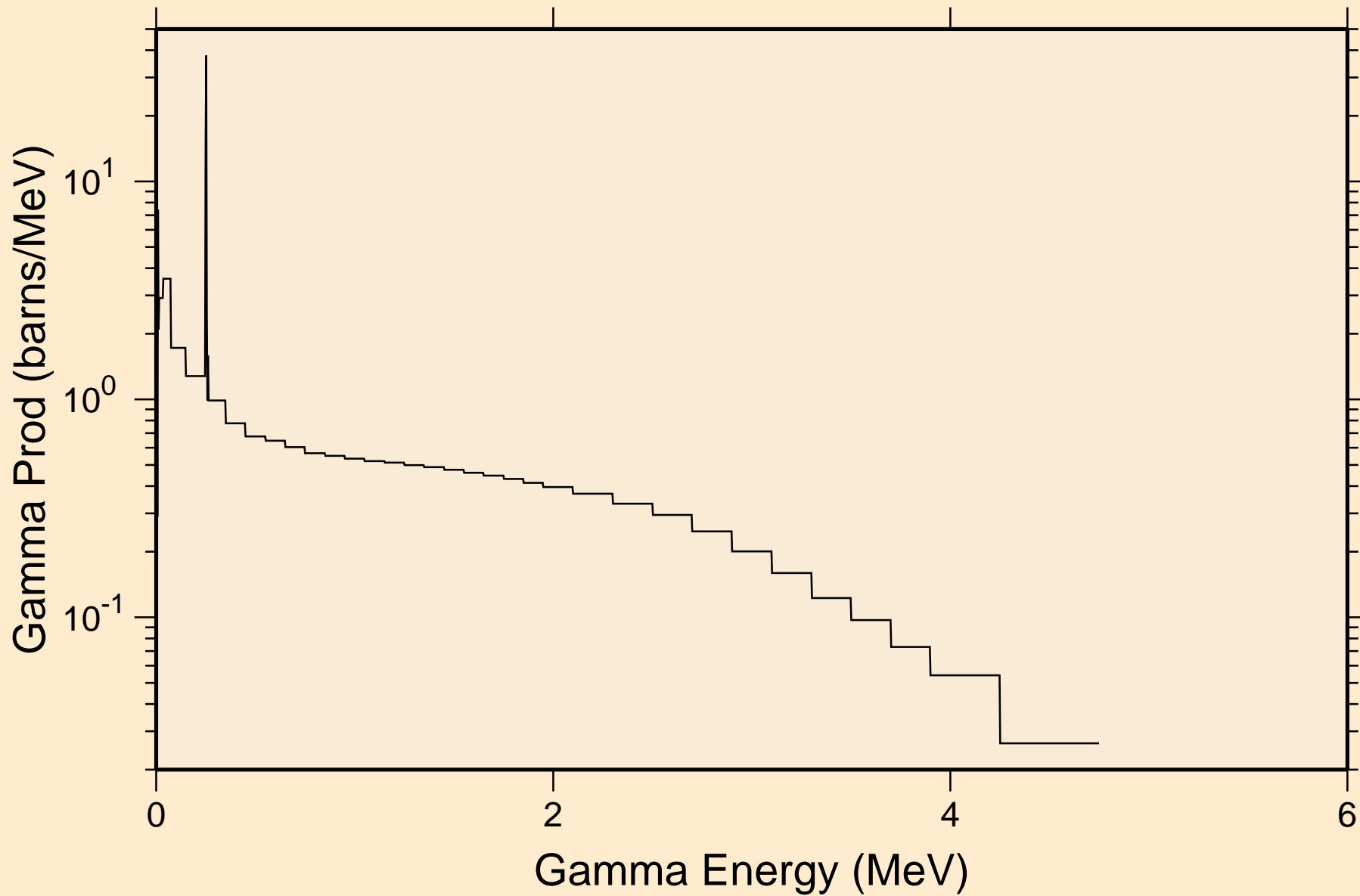




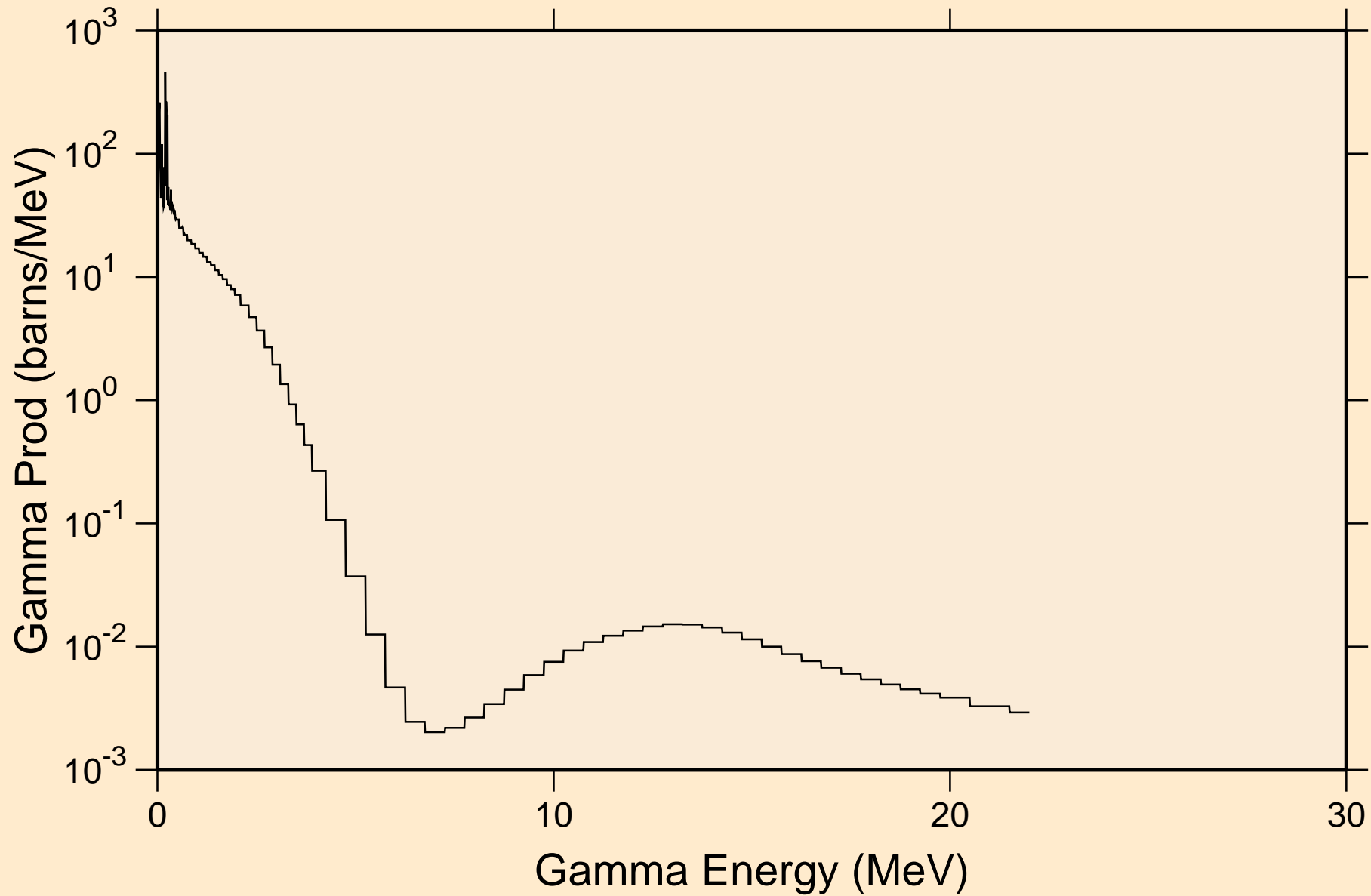
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

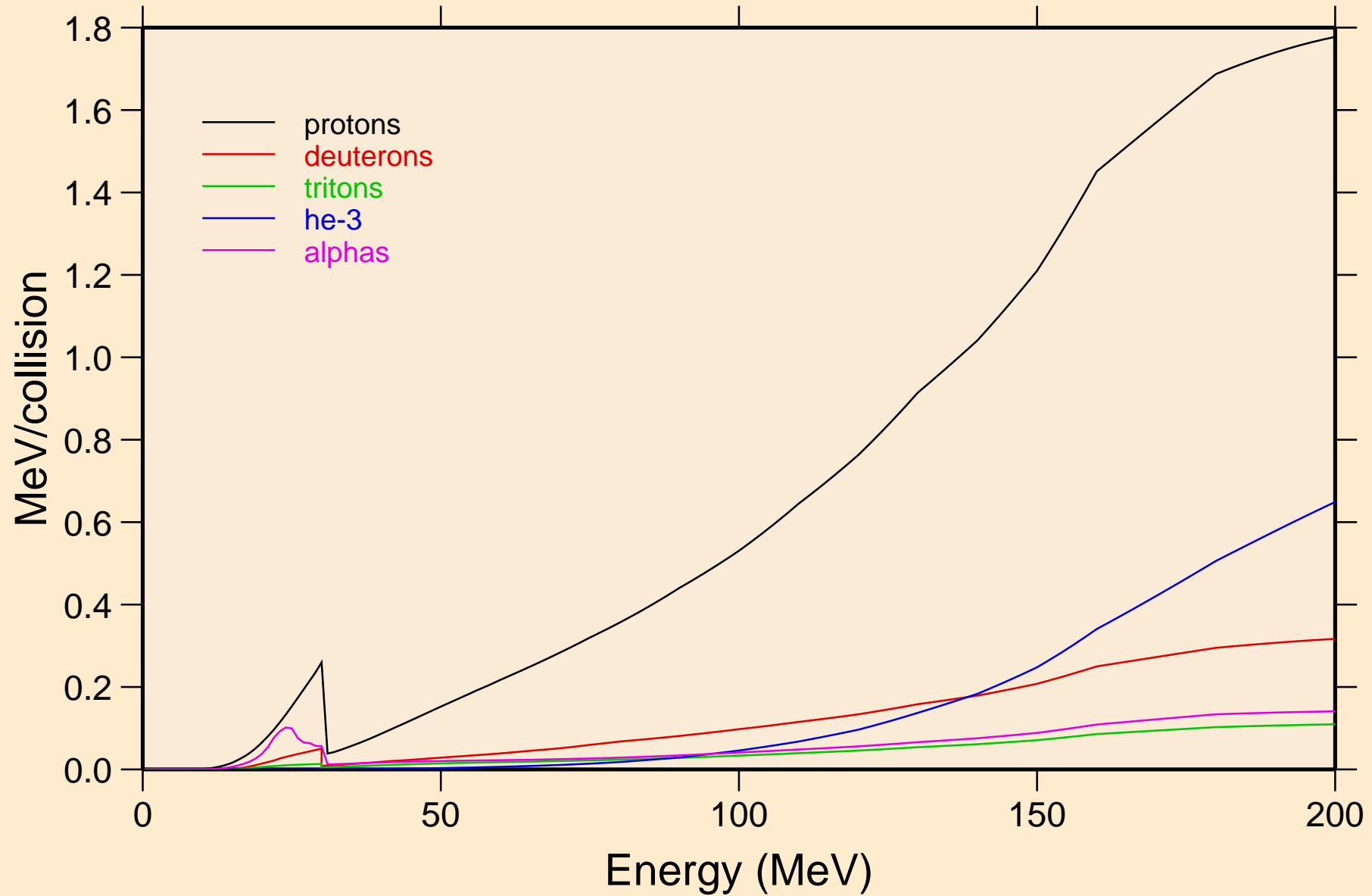


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14 MeV photon spectrum

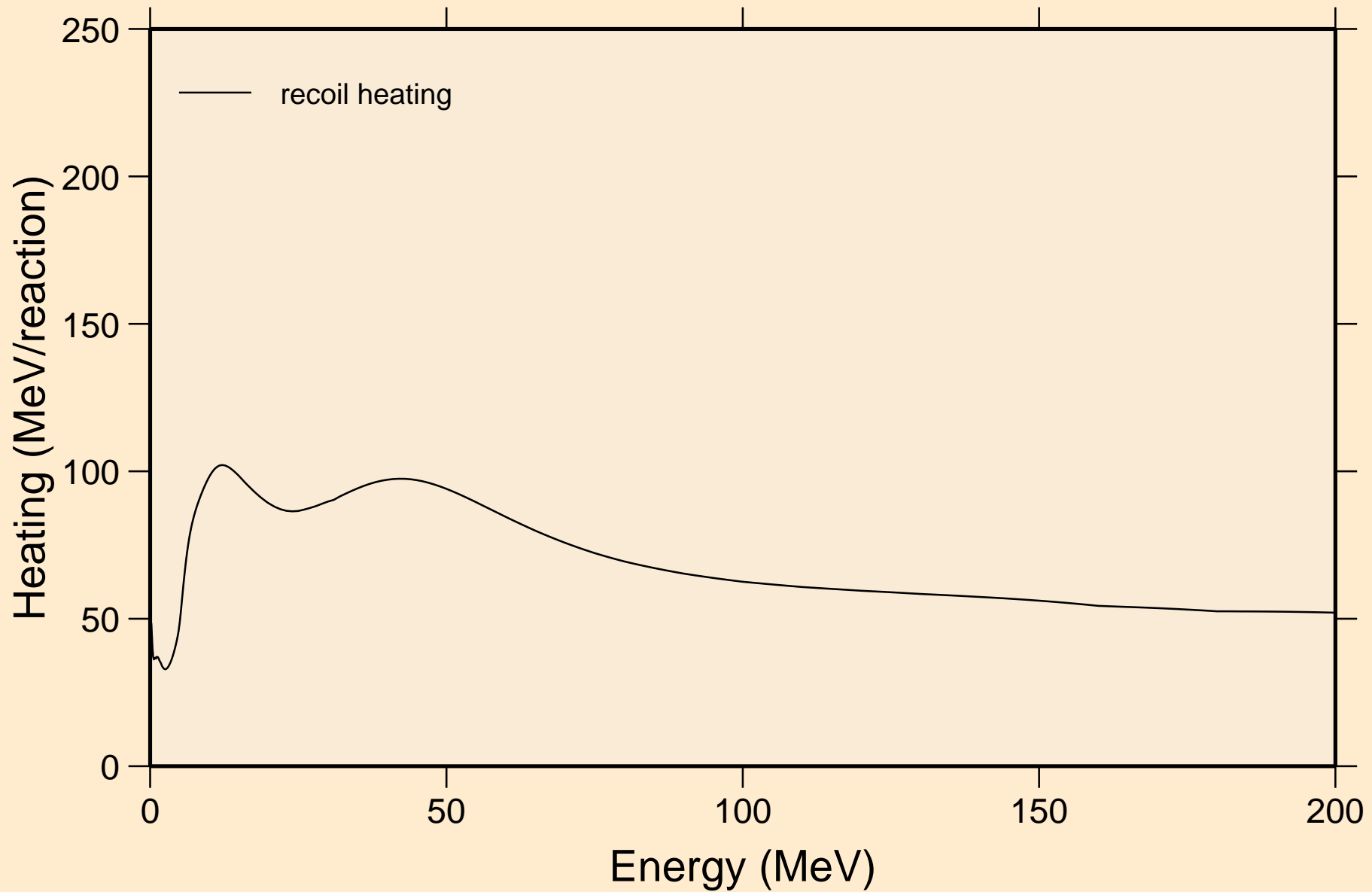


# MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

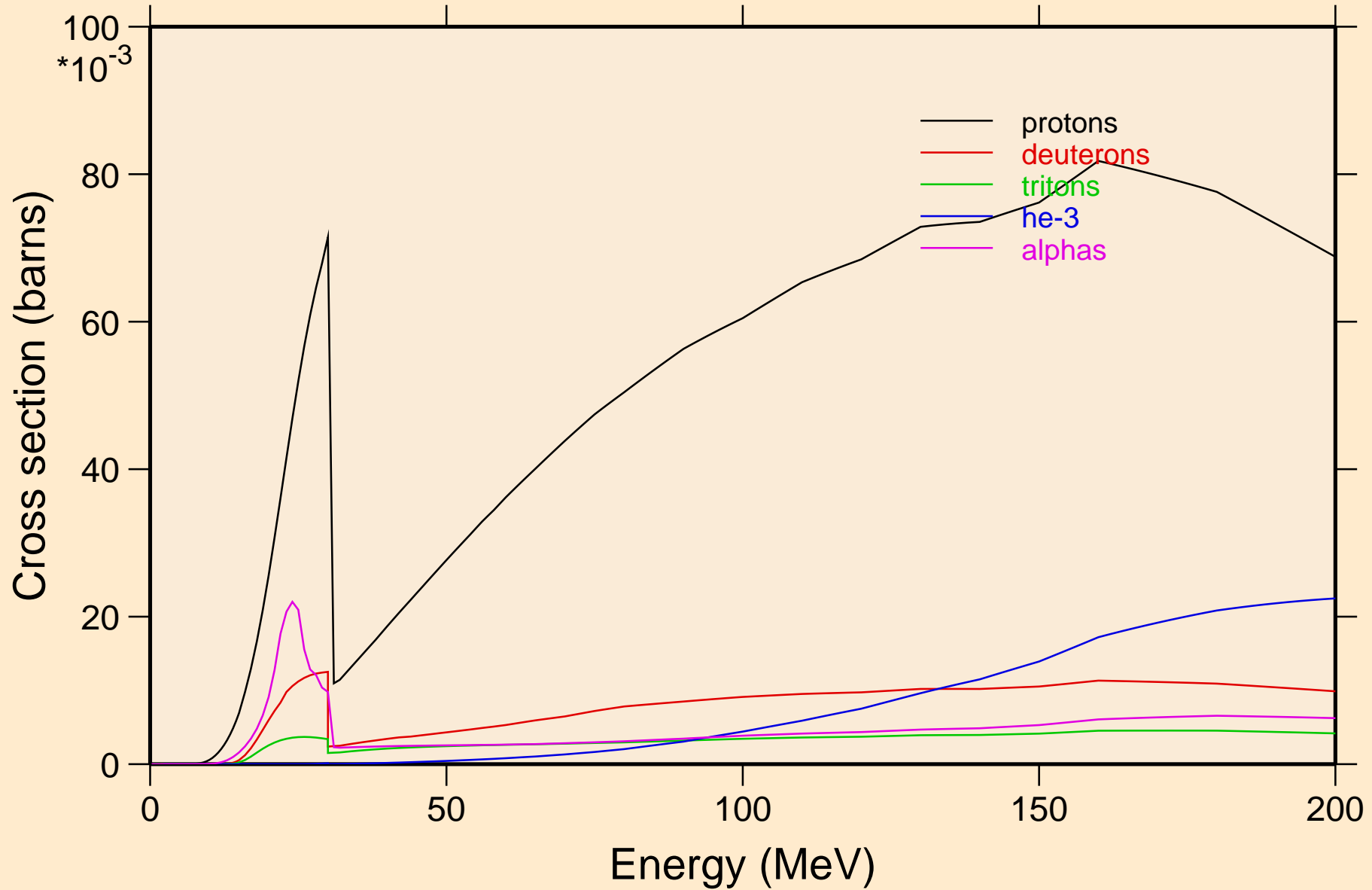


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Recoil Heating

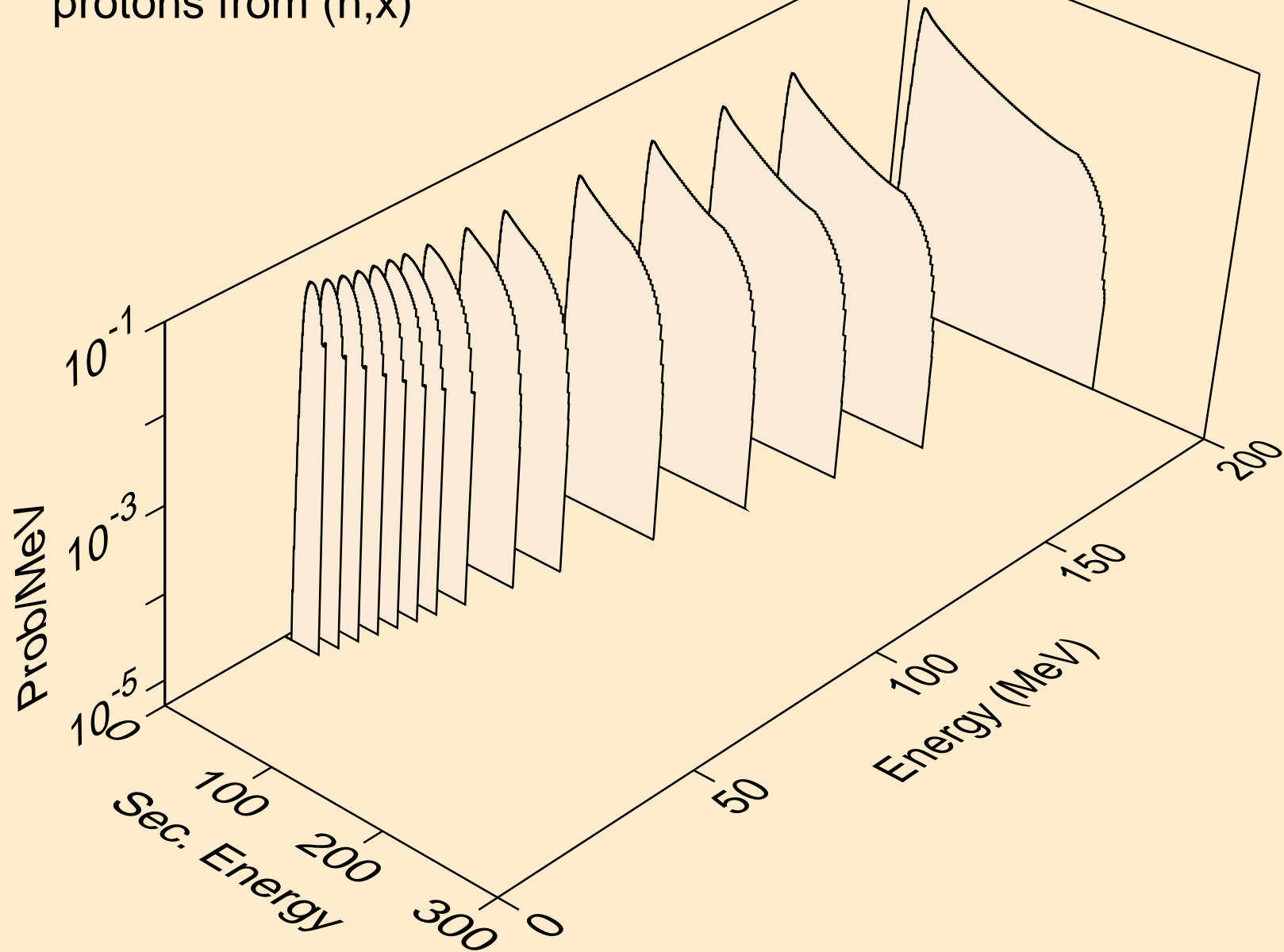


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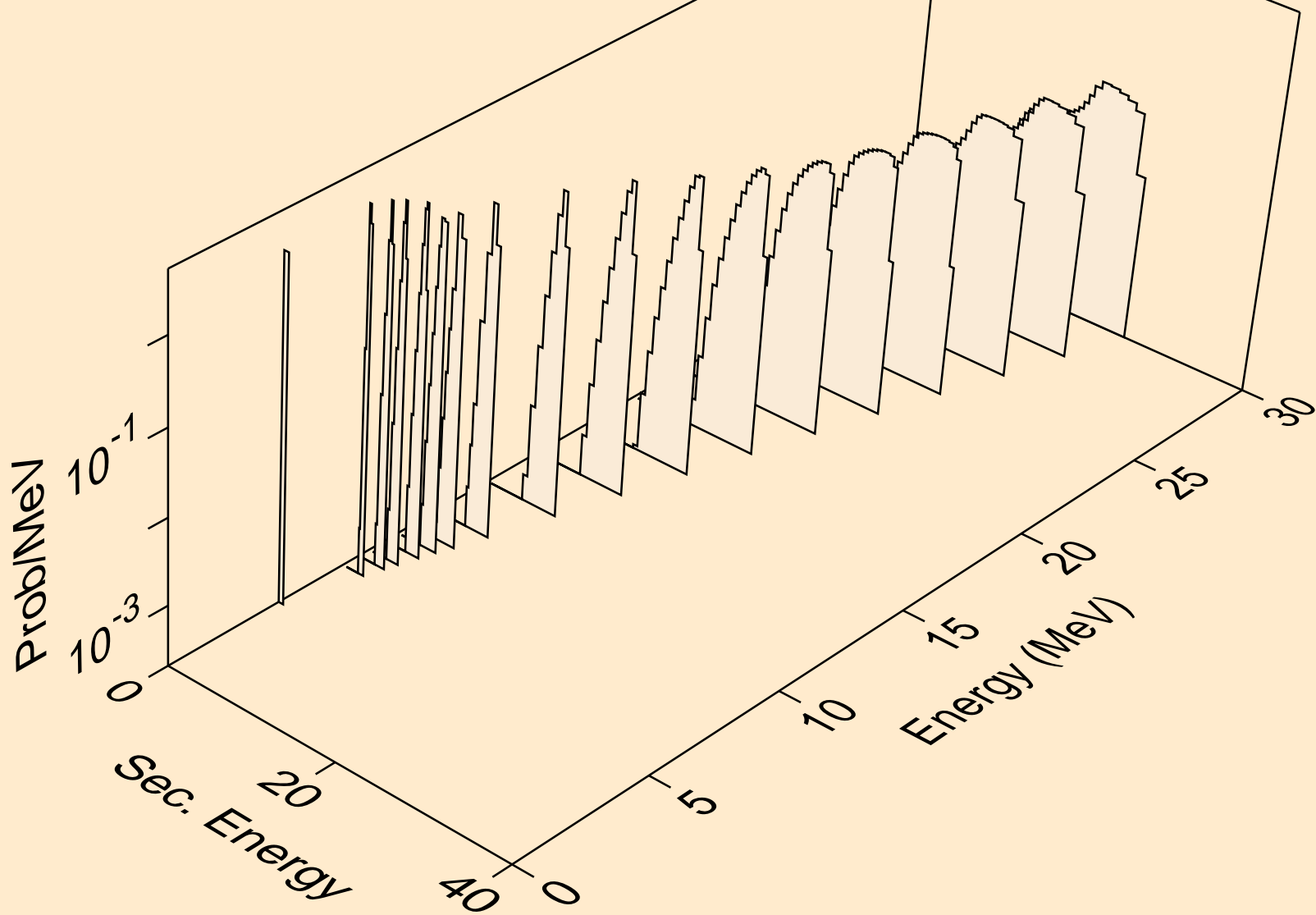
## Particle production cross sections



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

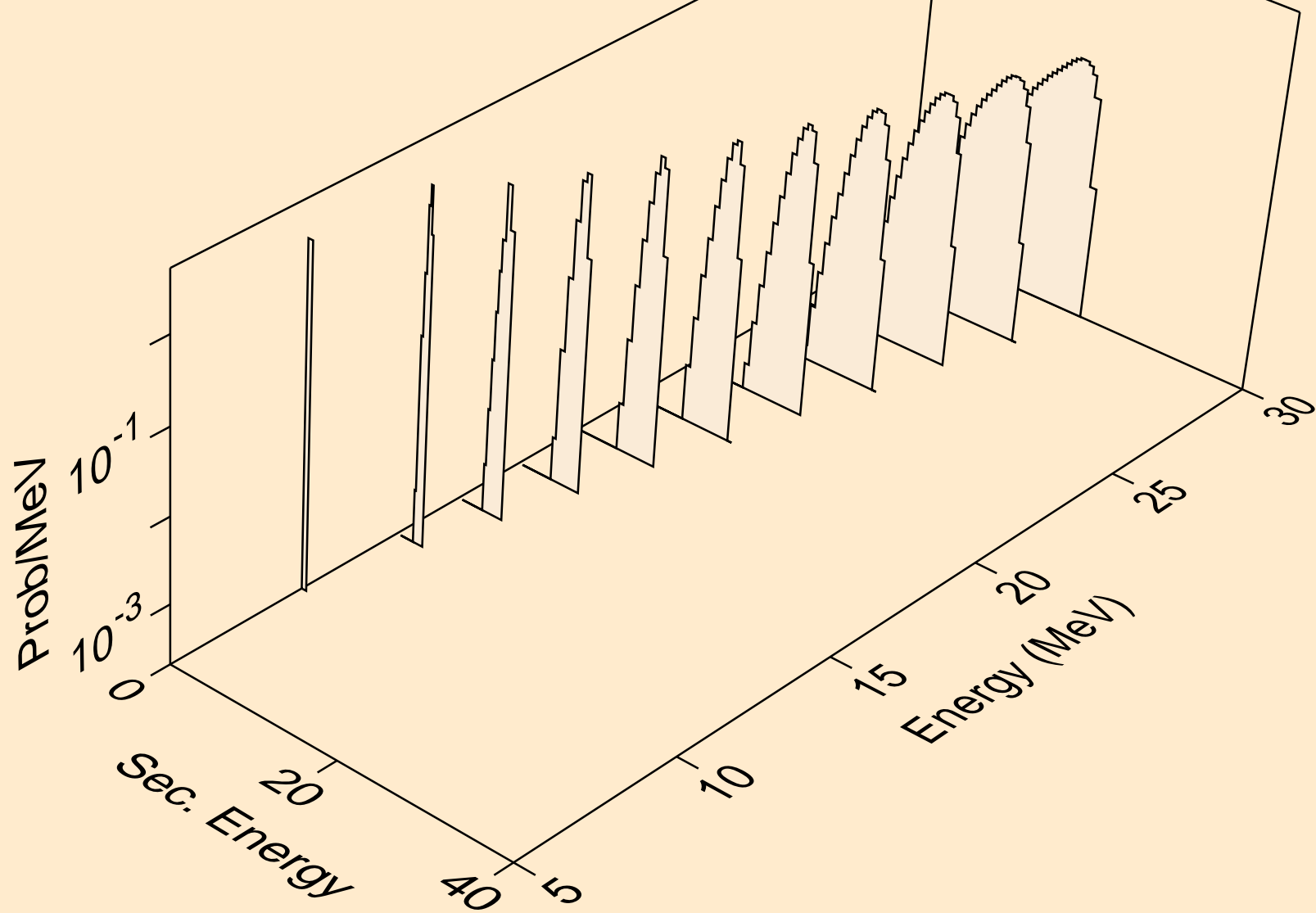


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protons from (n,n\*)p

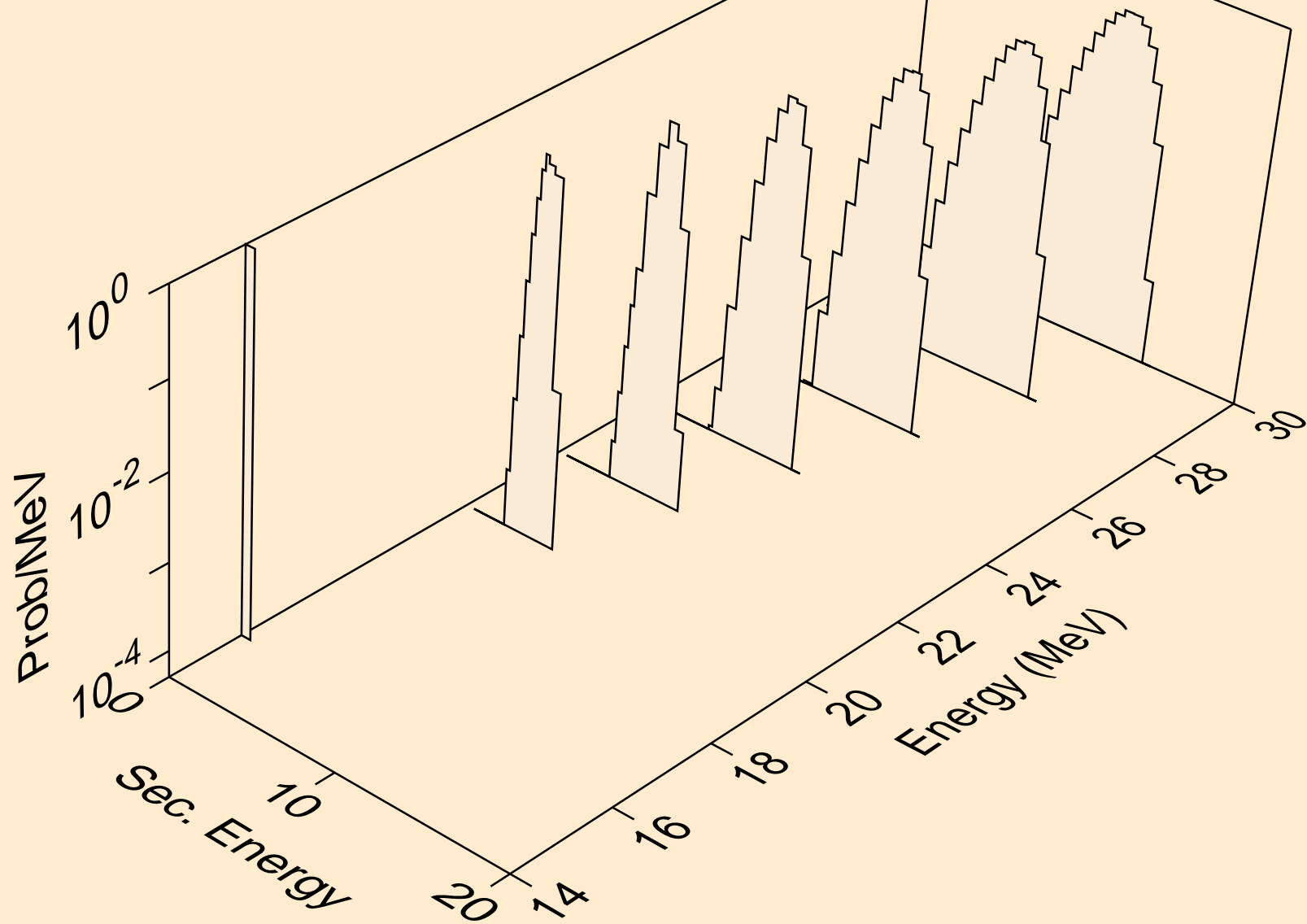




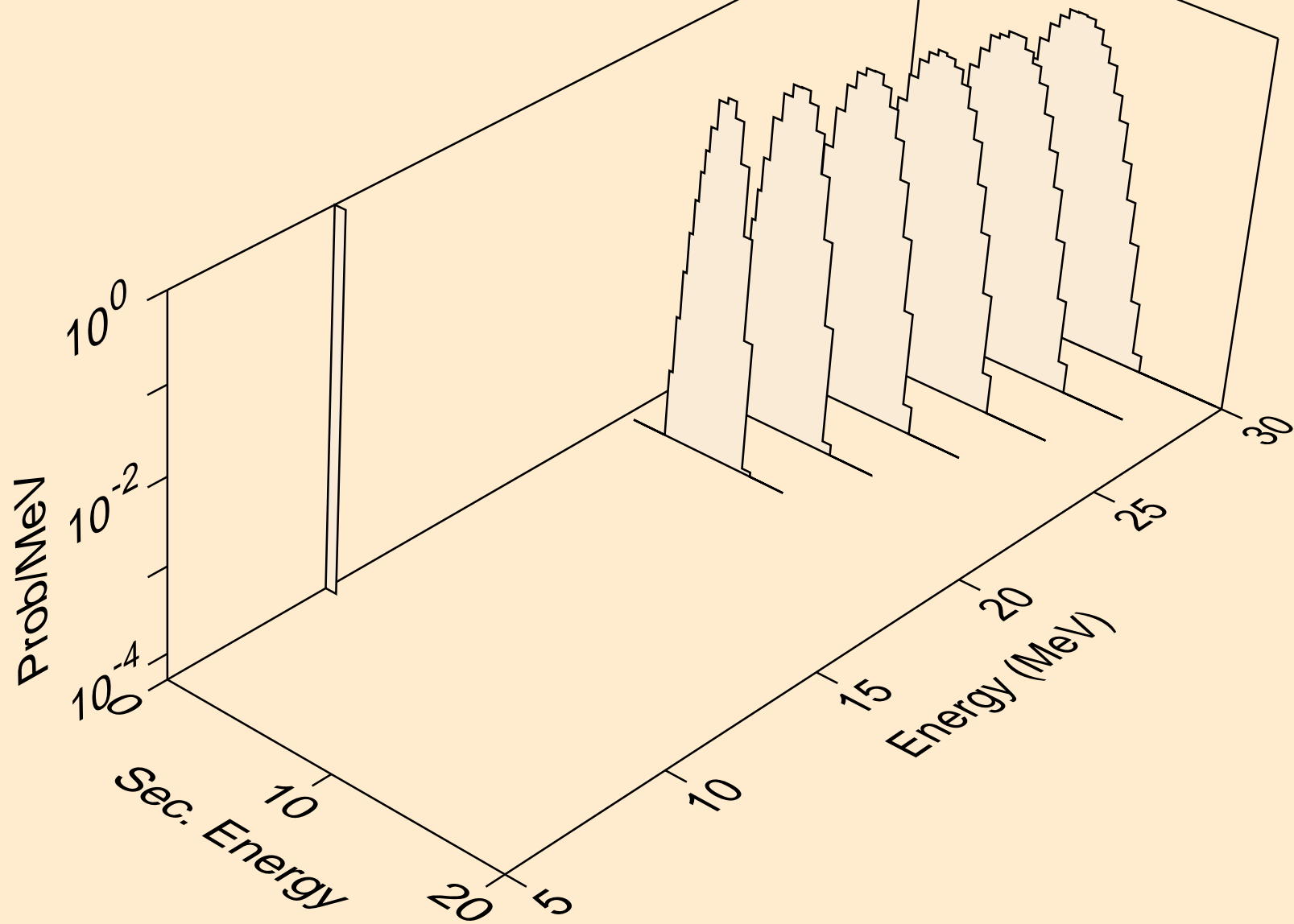
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protons from (n,2np)



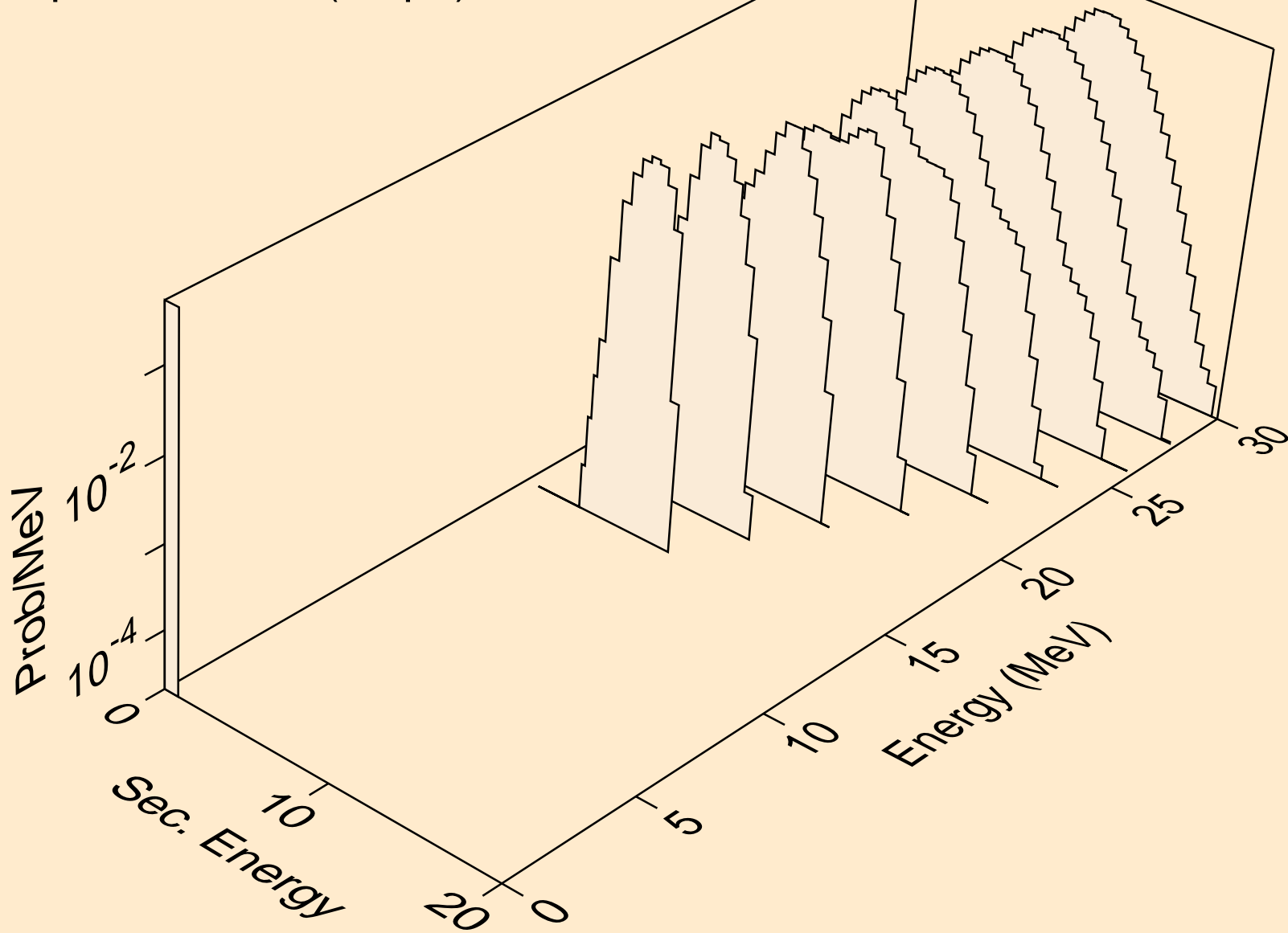
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protons from (n,3np)



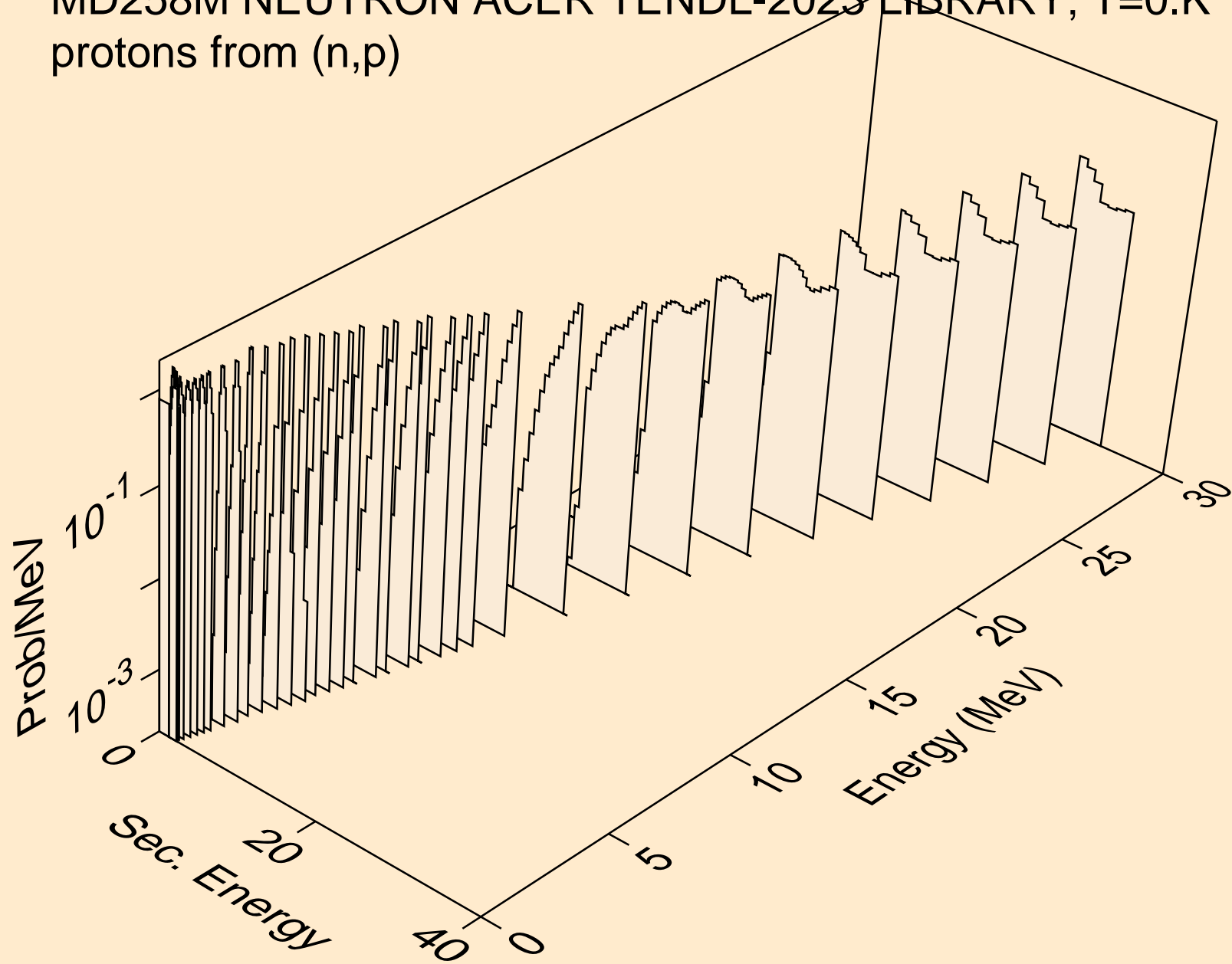
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protons from (n,n2p)



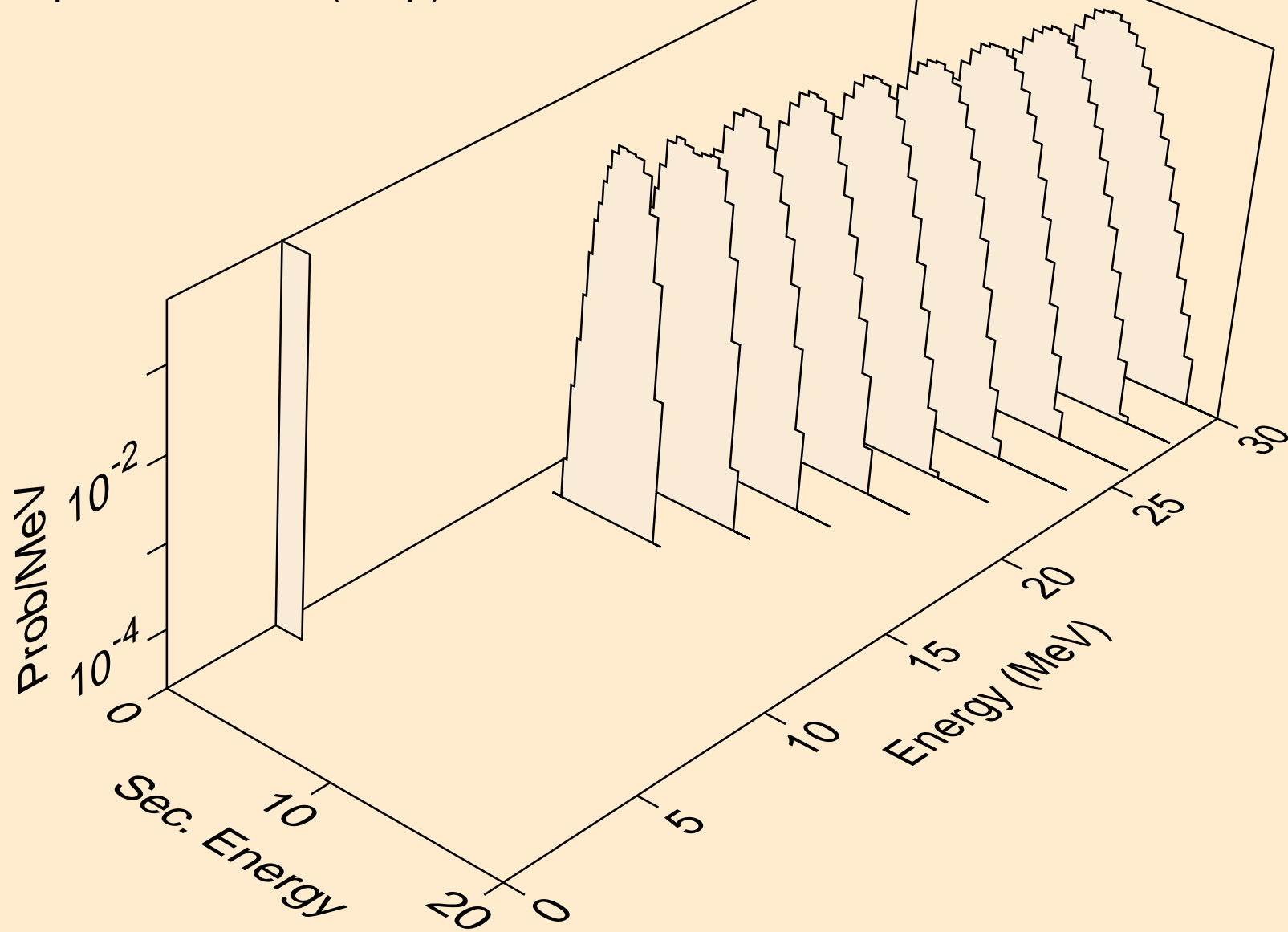
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protons from (n,npa)



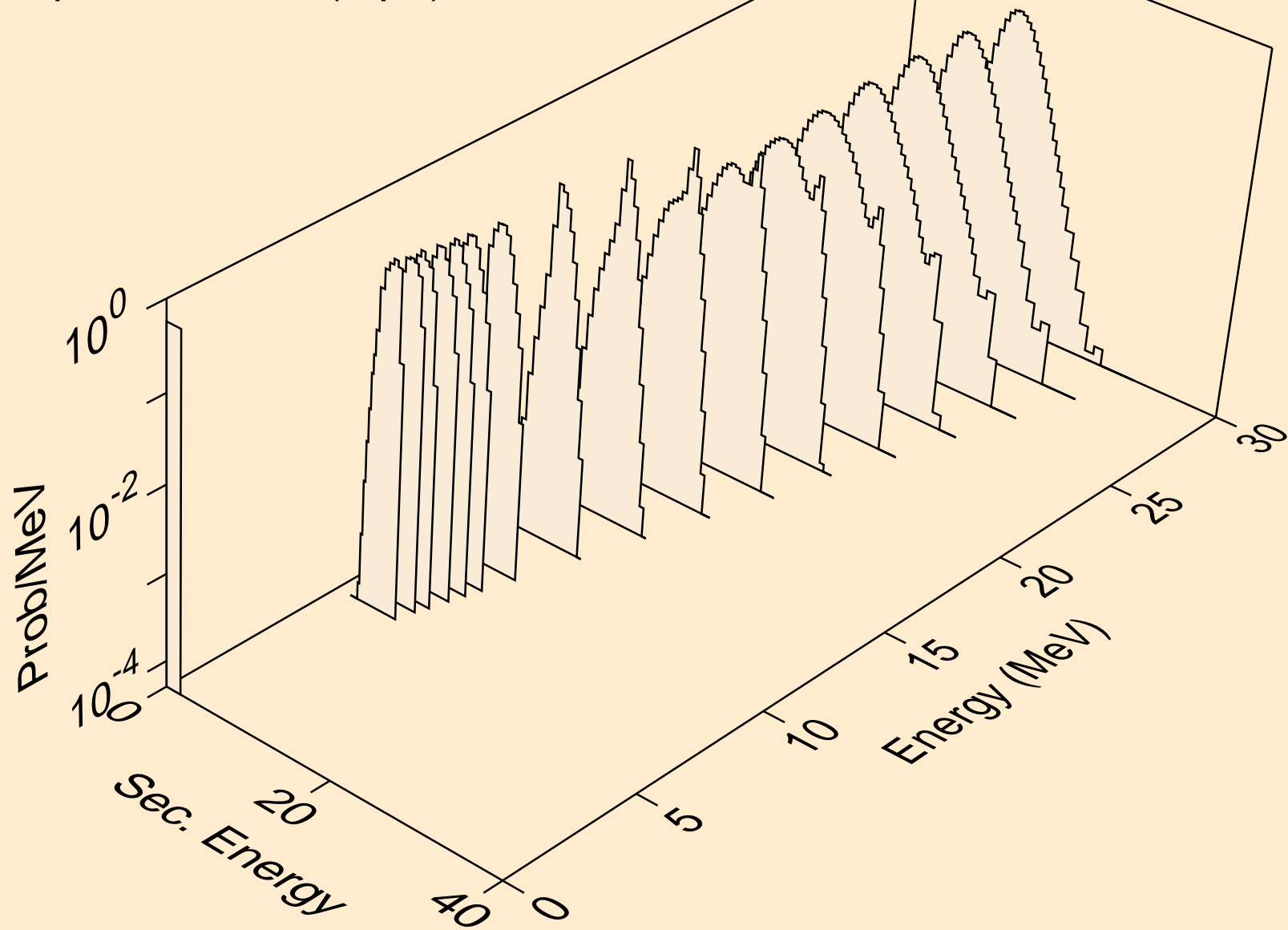
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protons from (n,p)



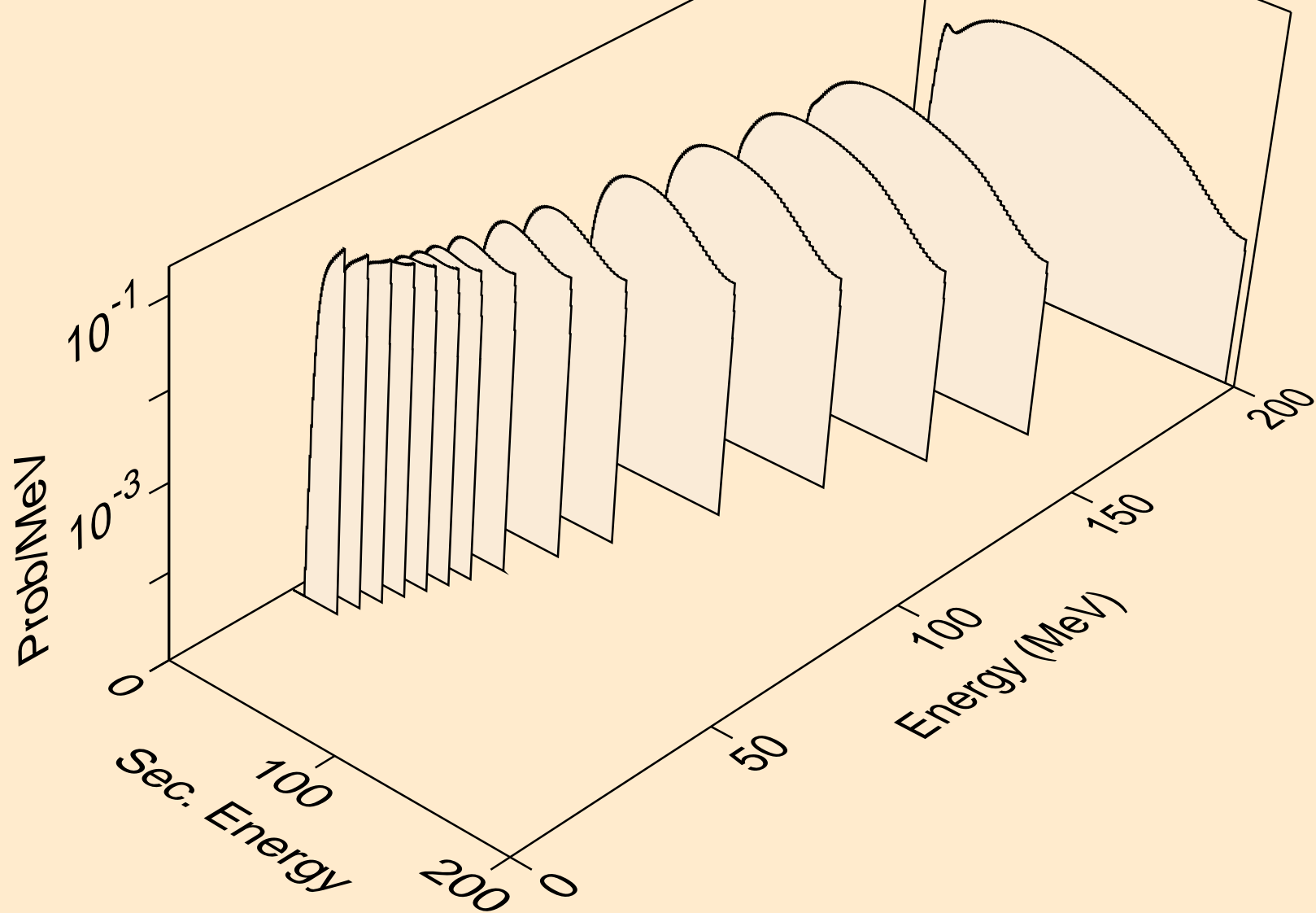
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protons from (n,2p)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

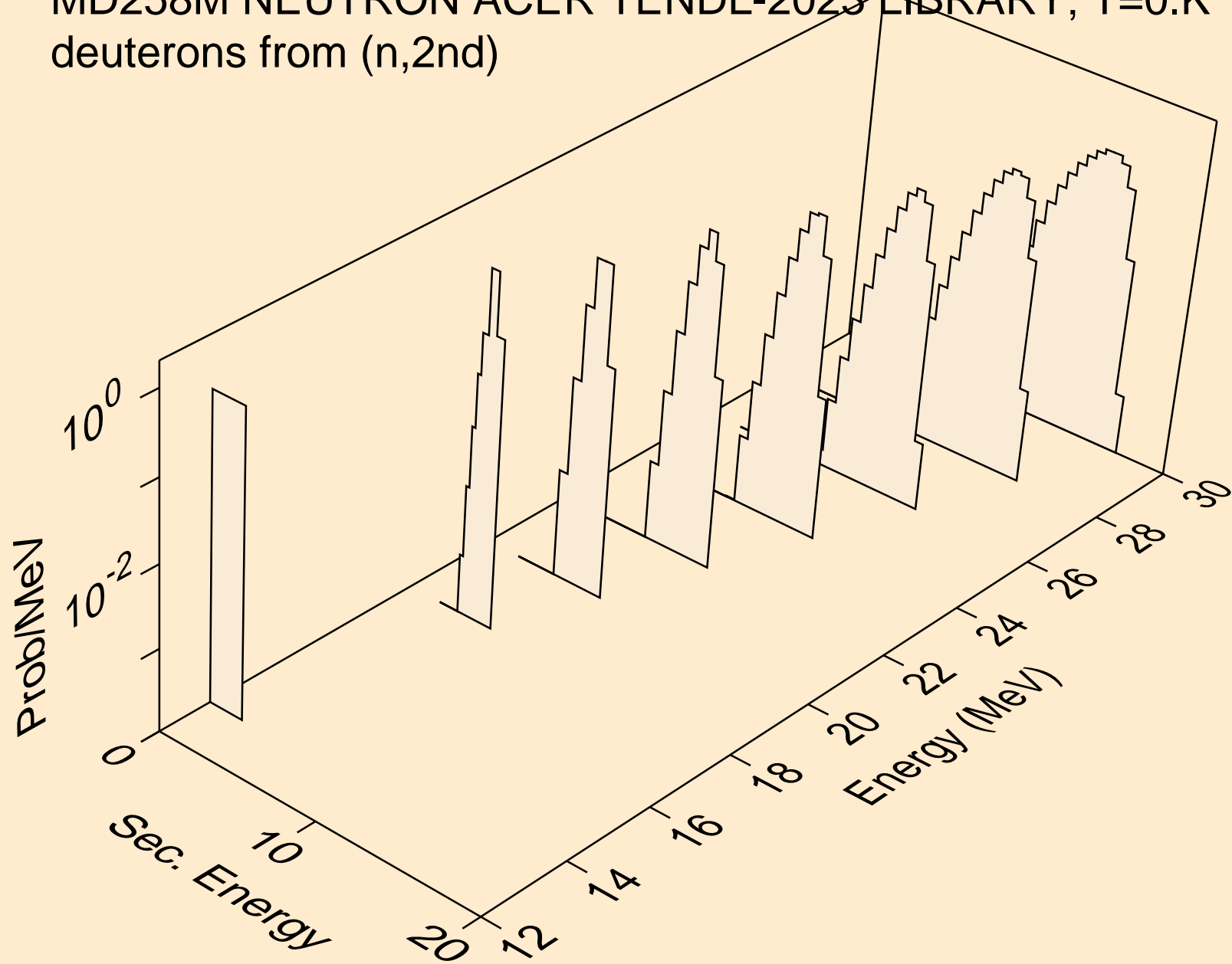


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

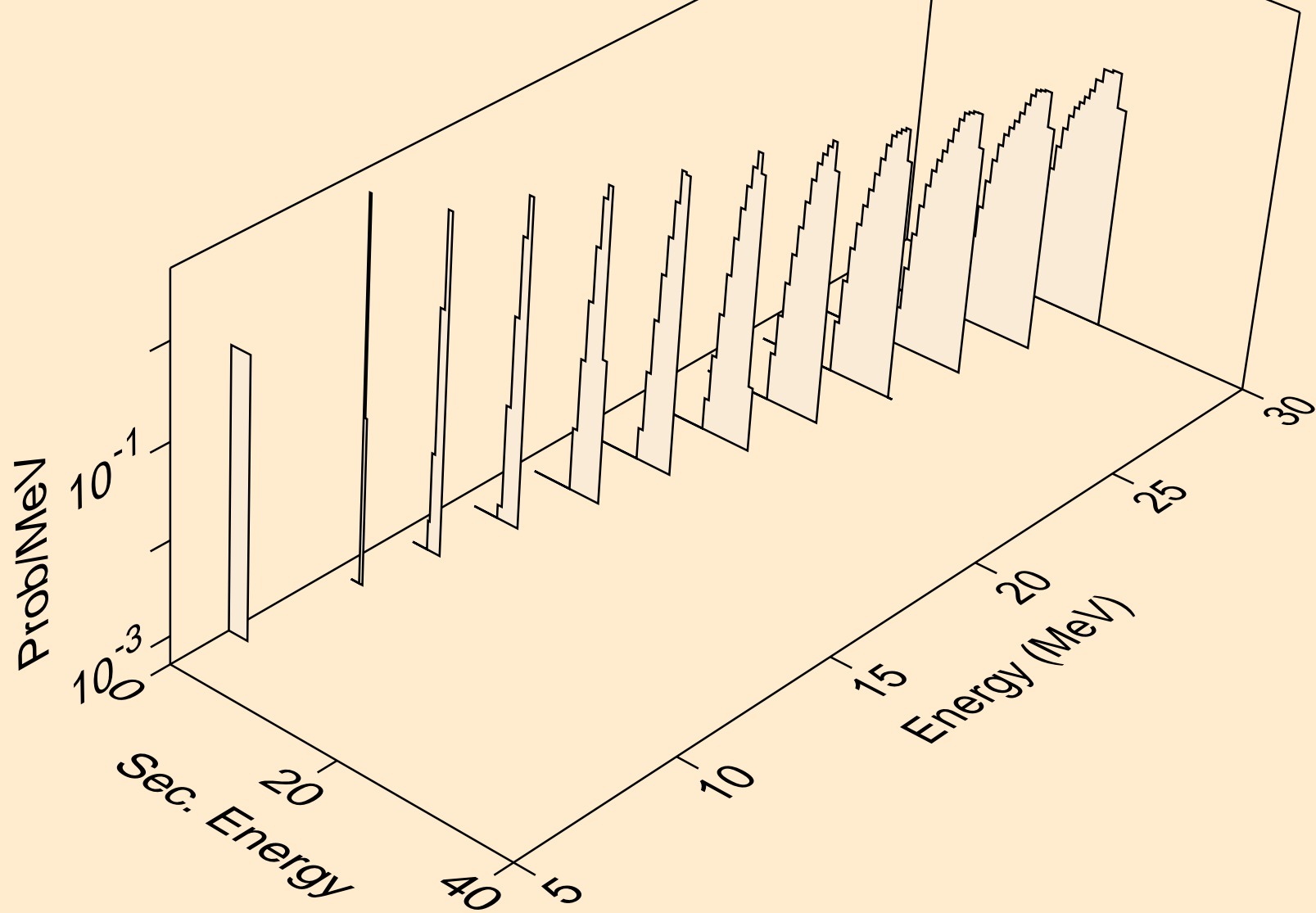




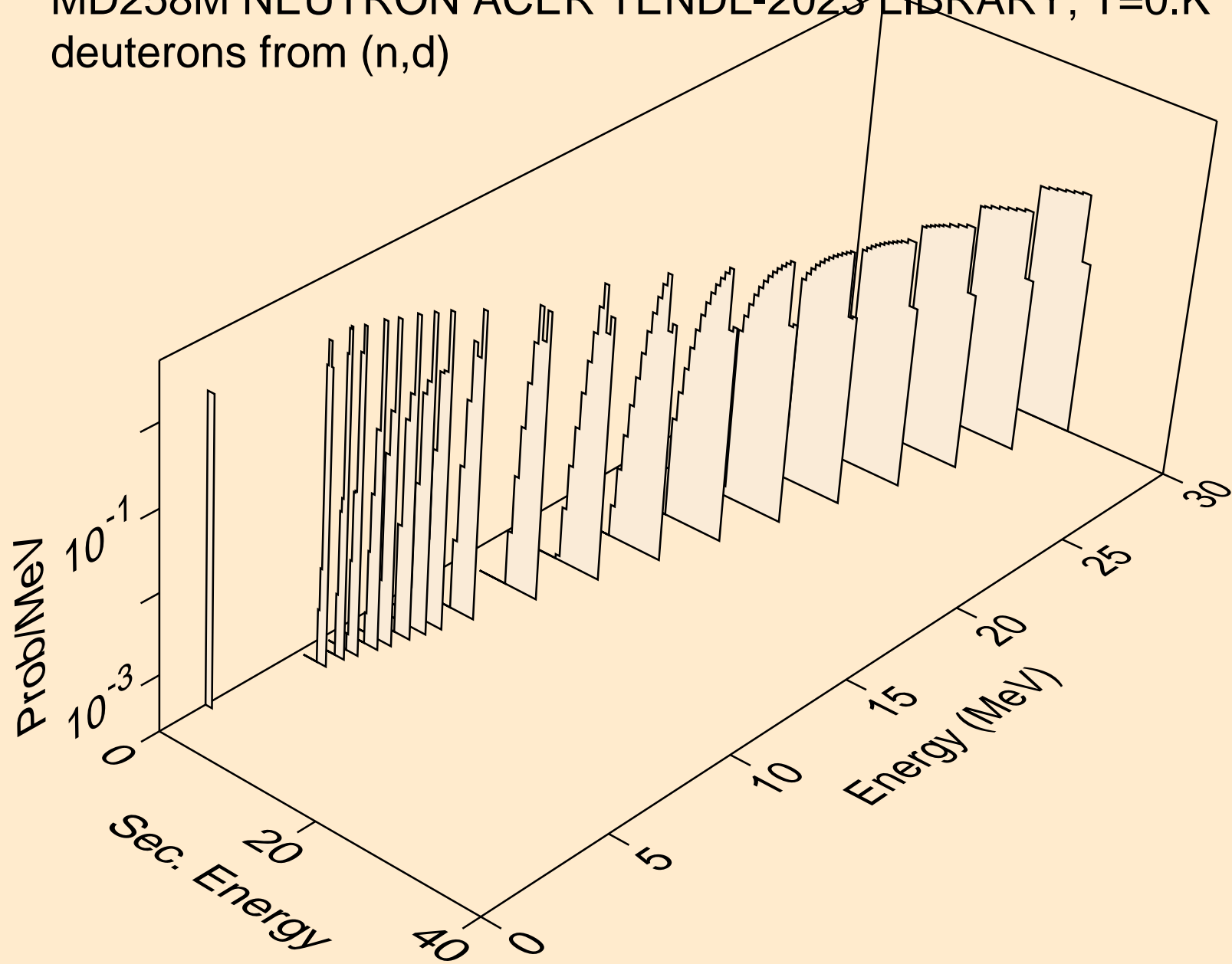
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



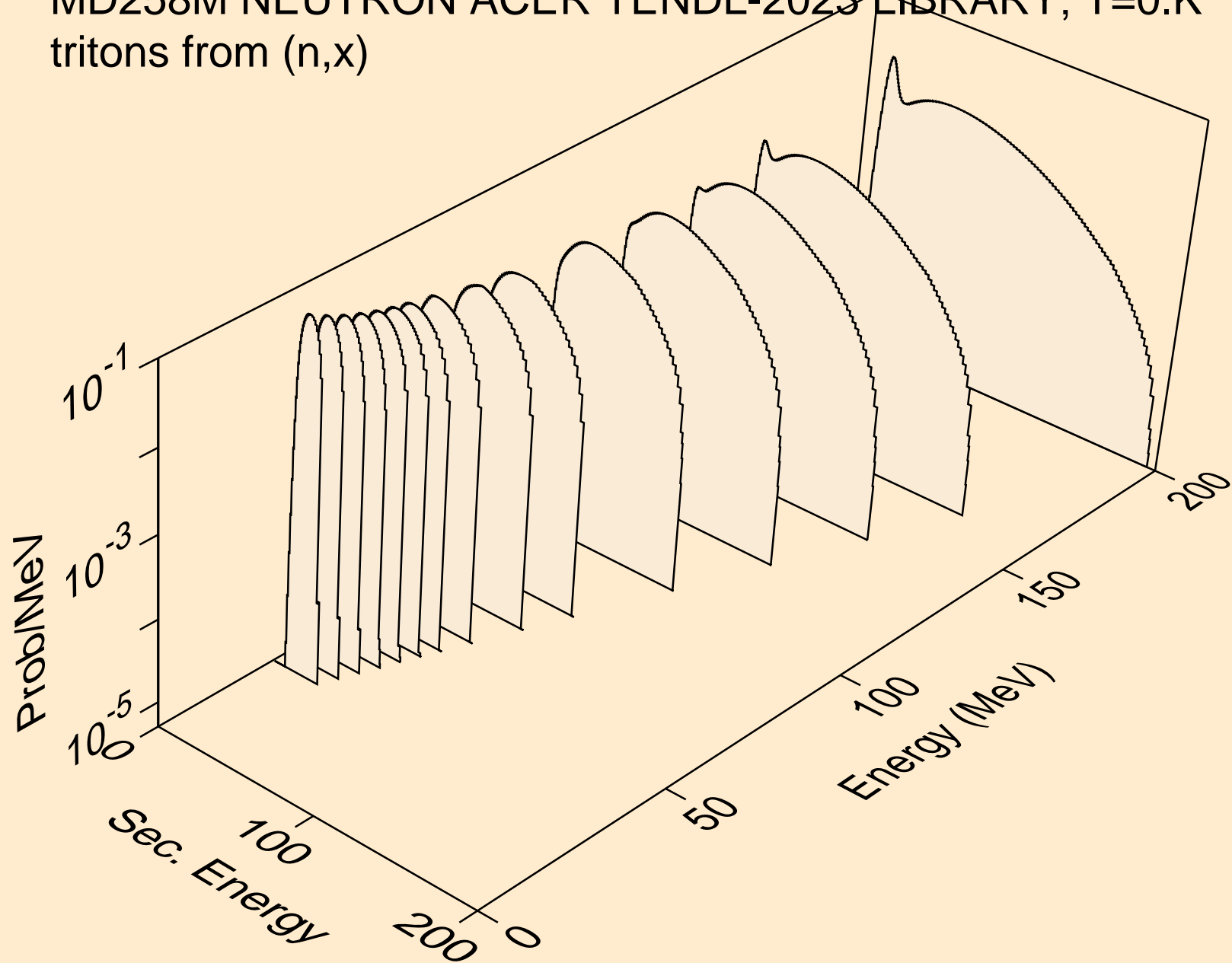
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



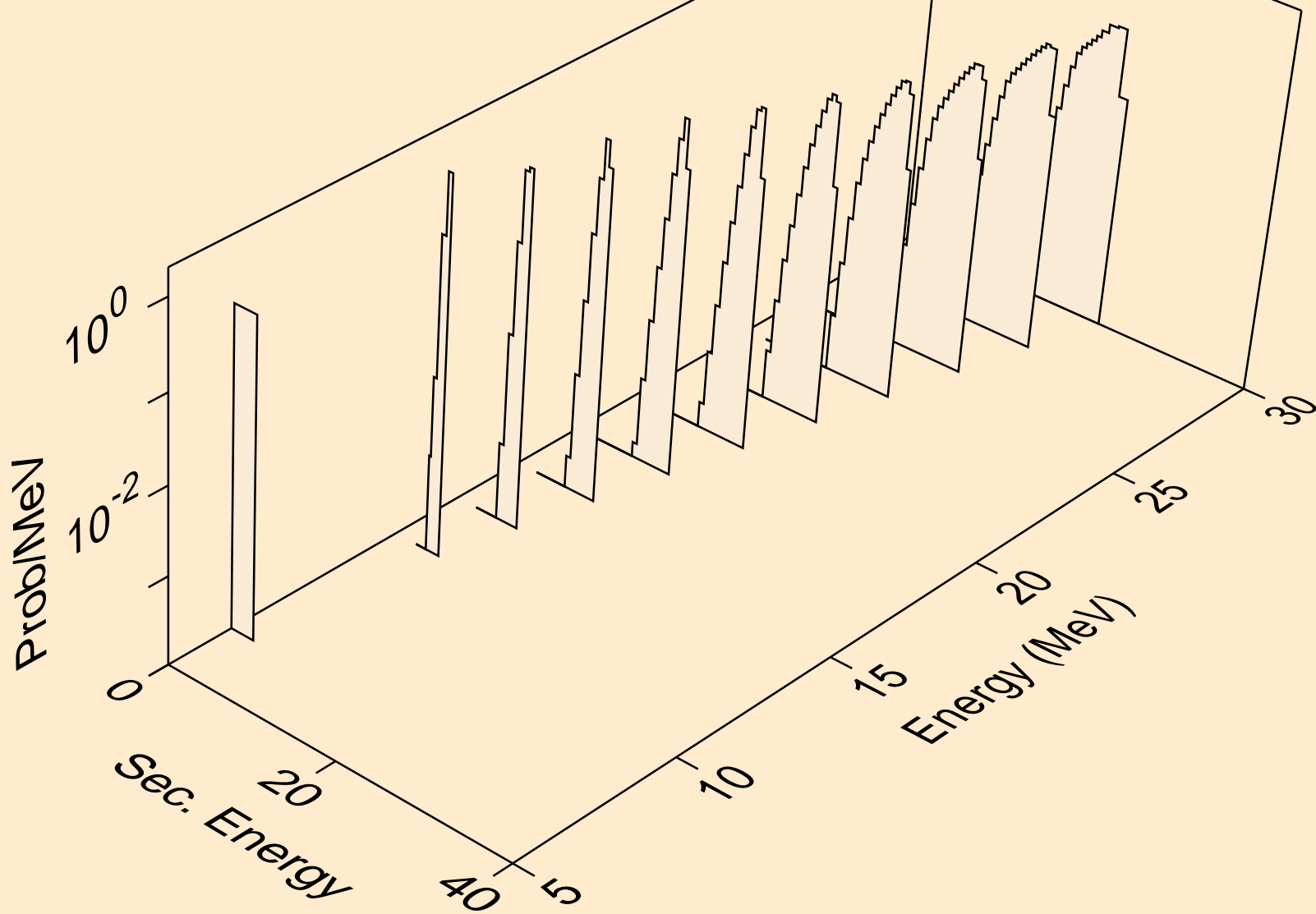
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deuterons from (n,d)



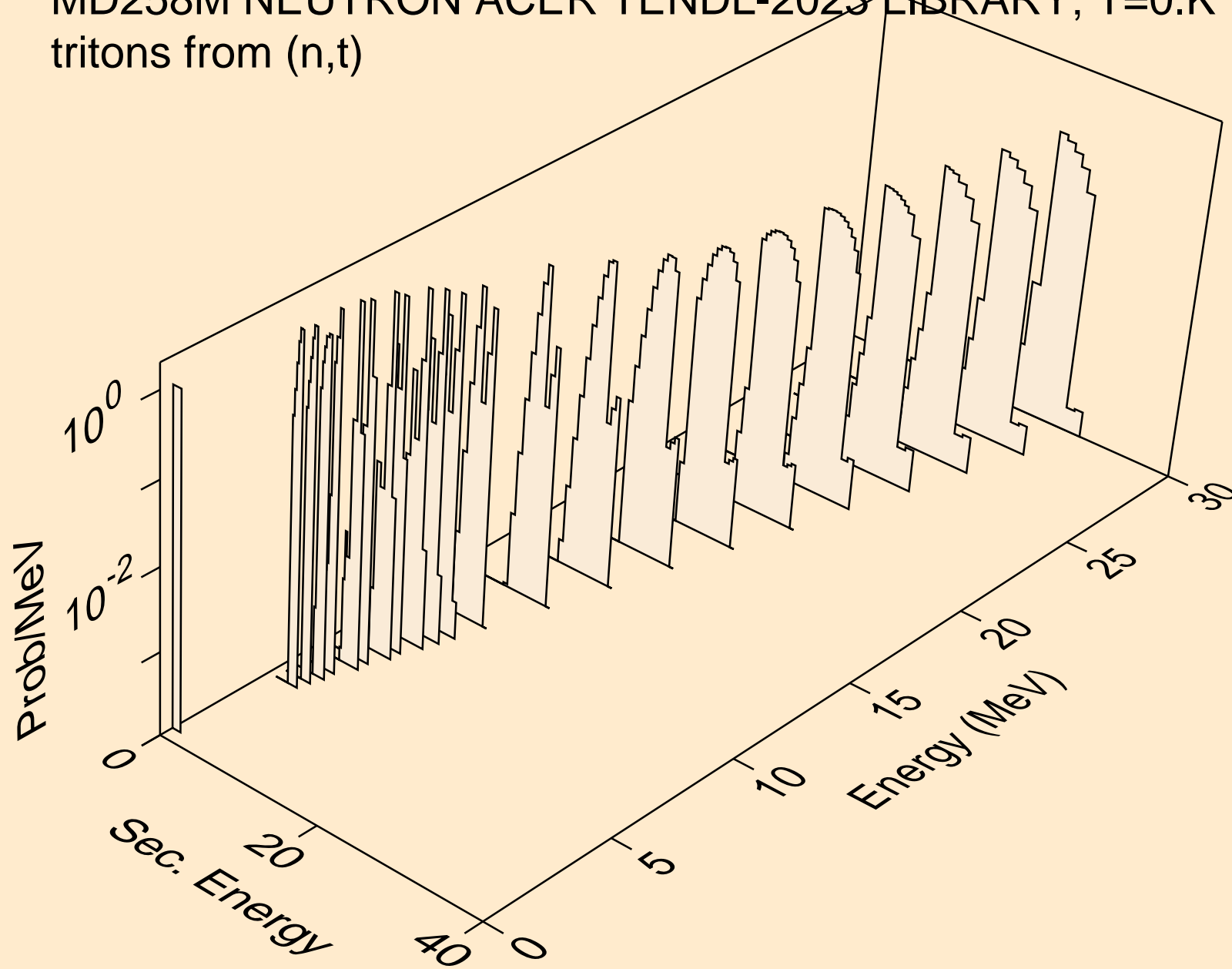
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



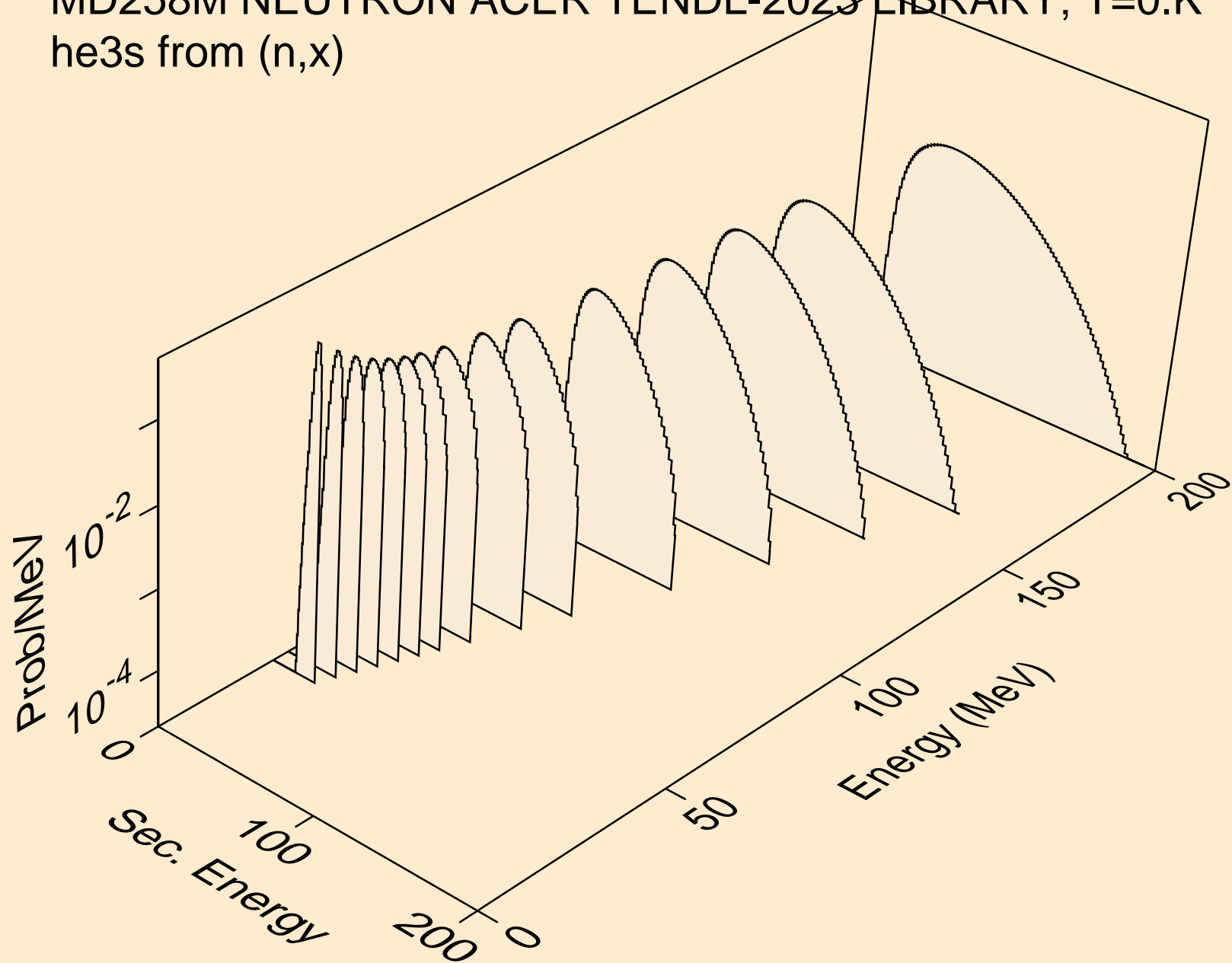
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



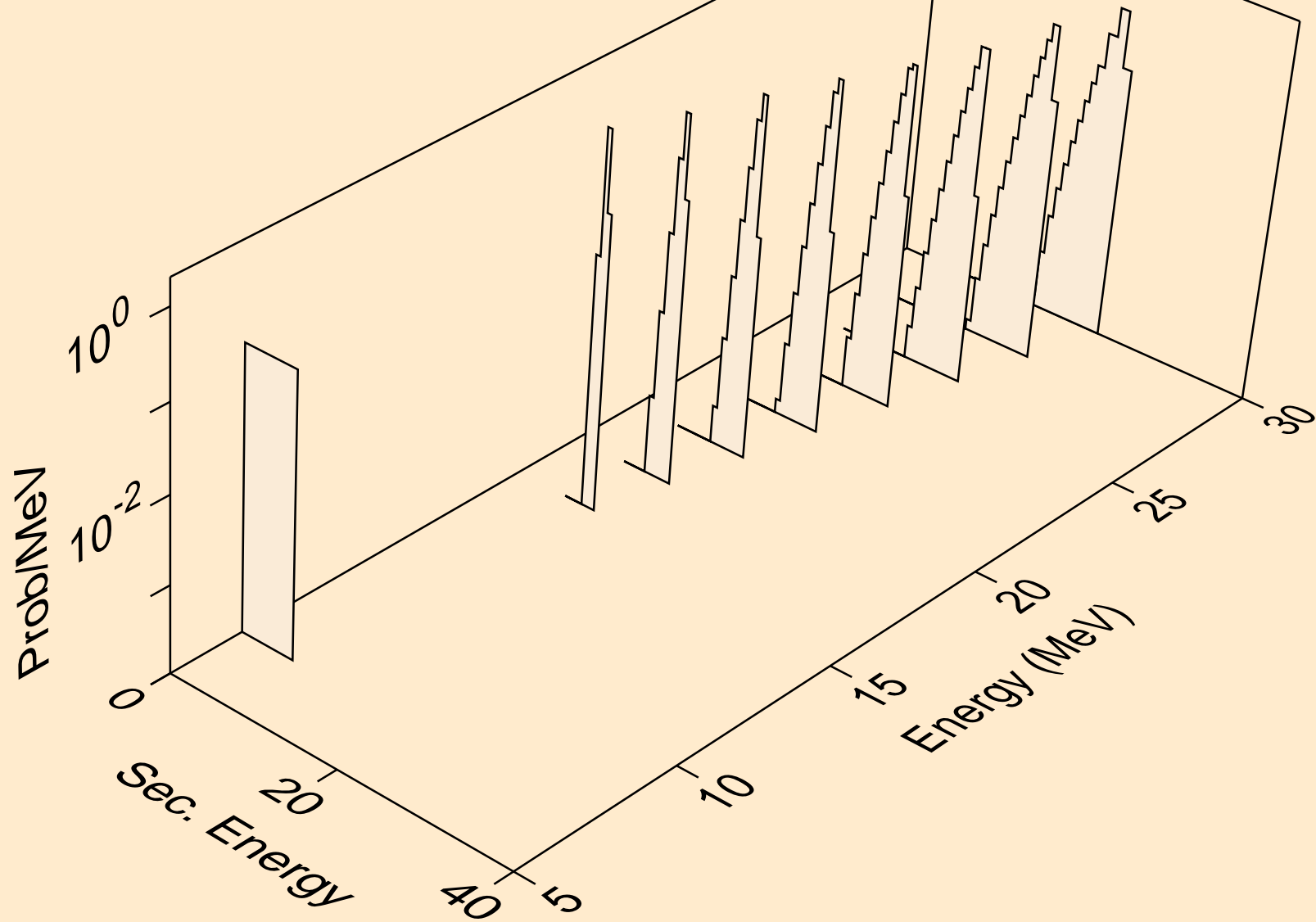
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

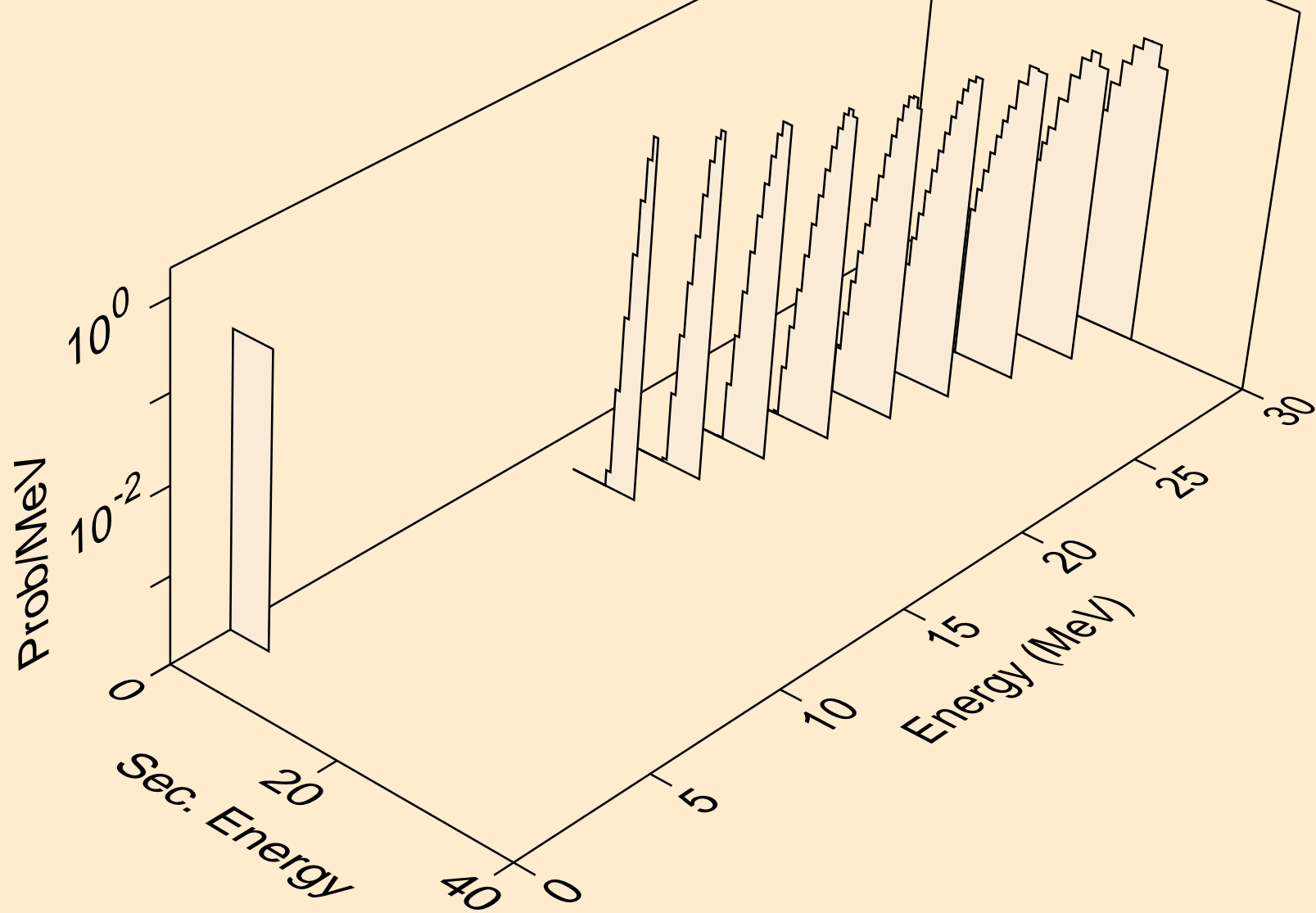


MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

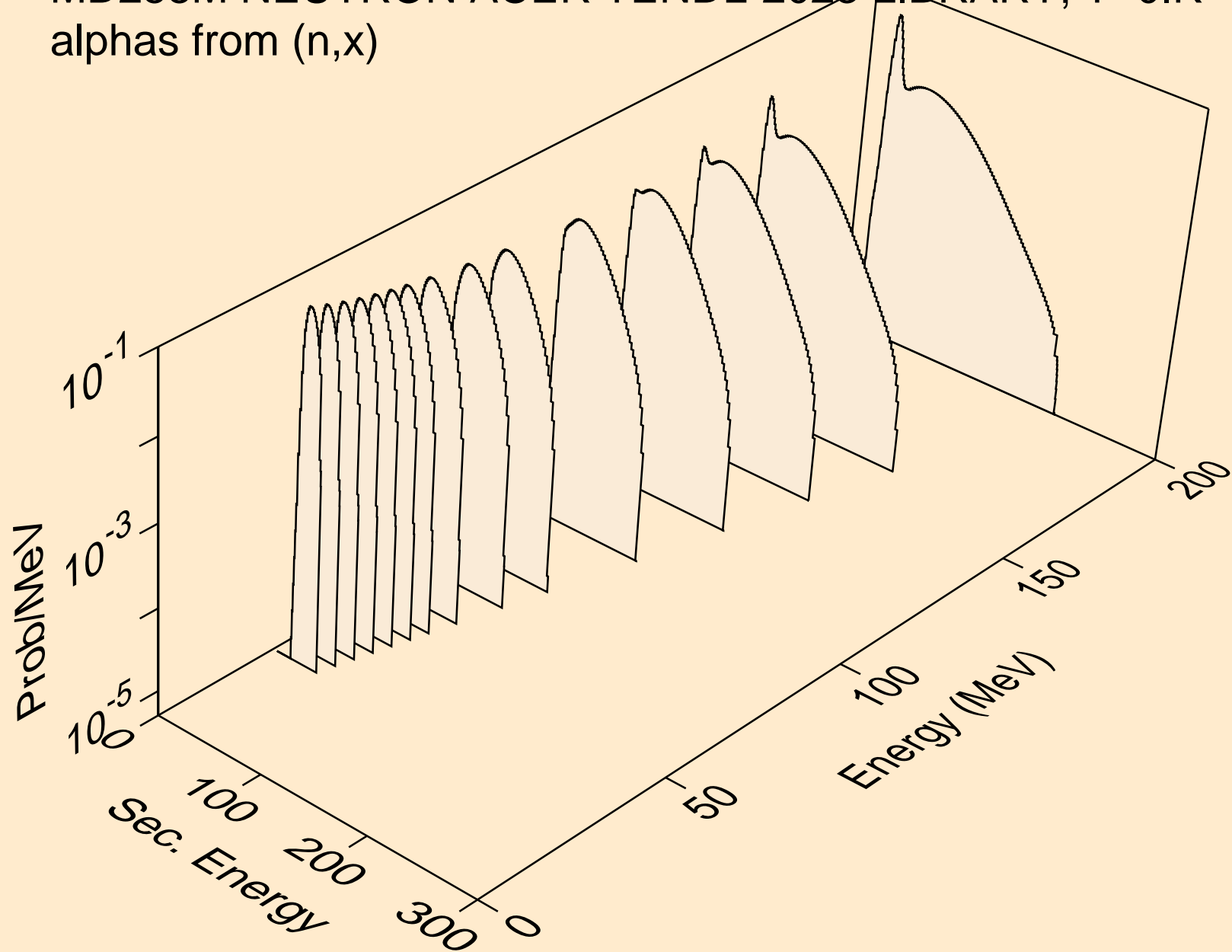




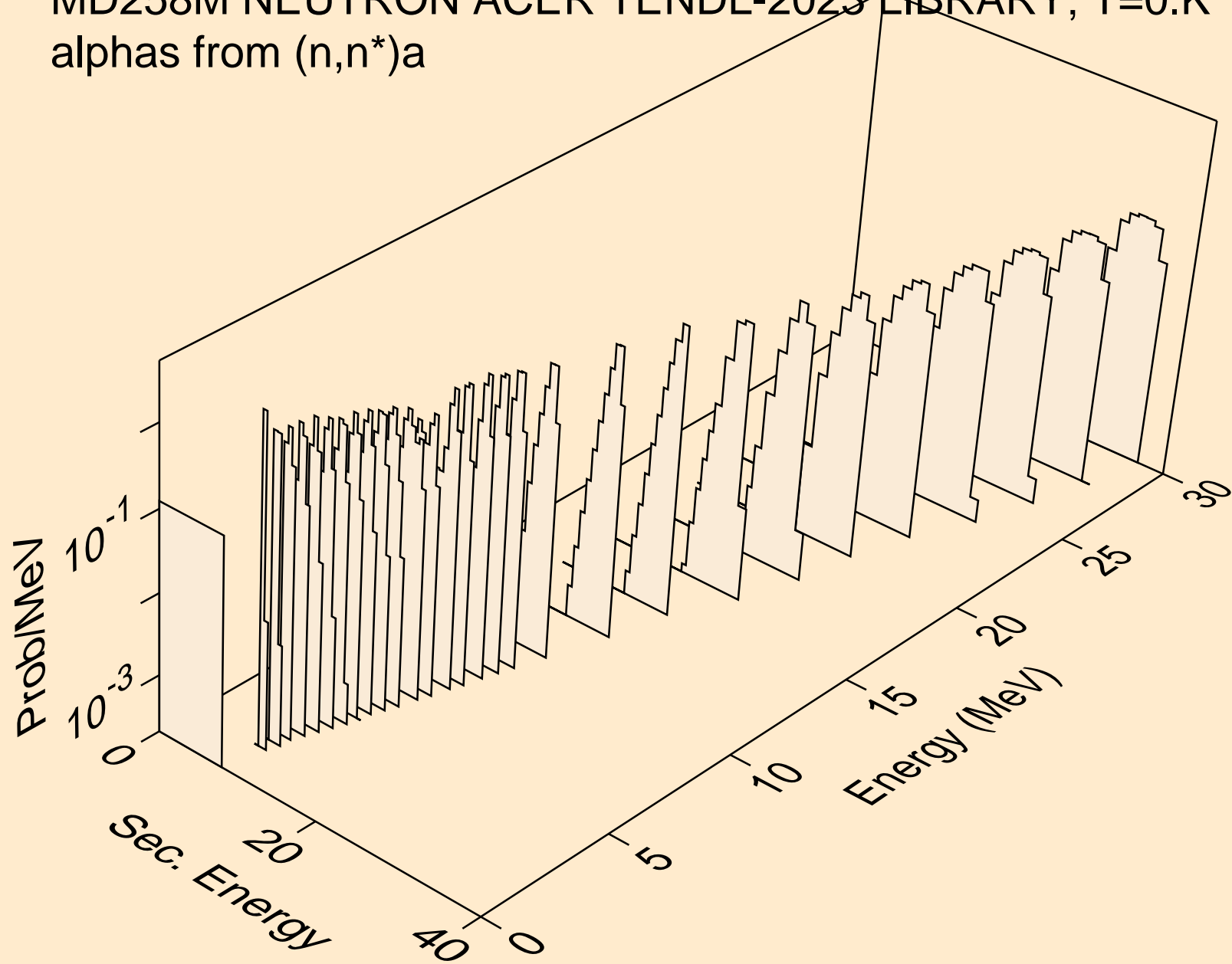
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he3s from (n,he3)



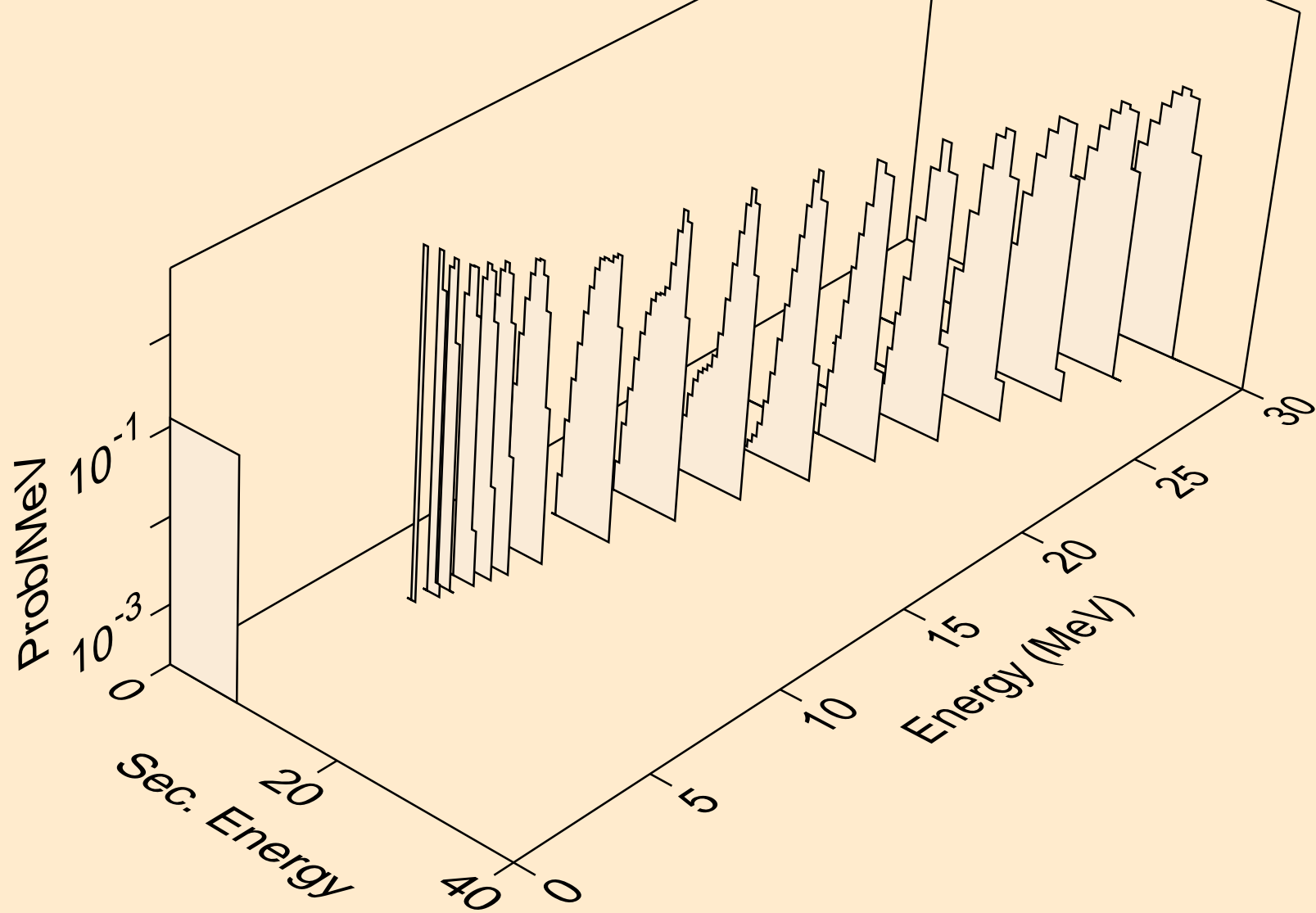
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



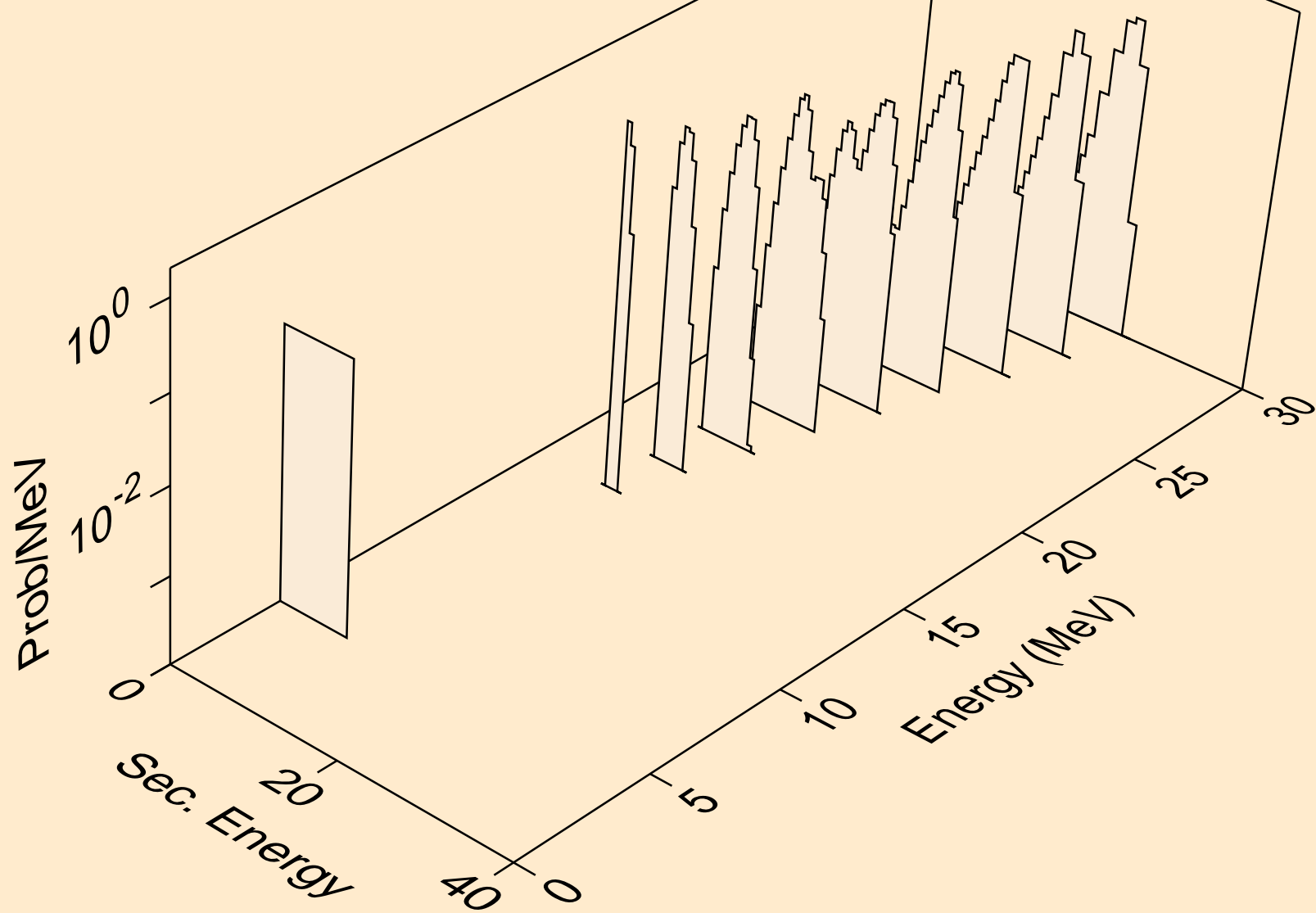
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



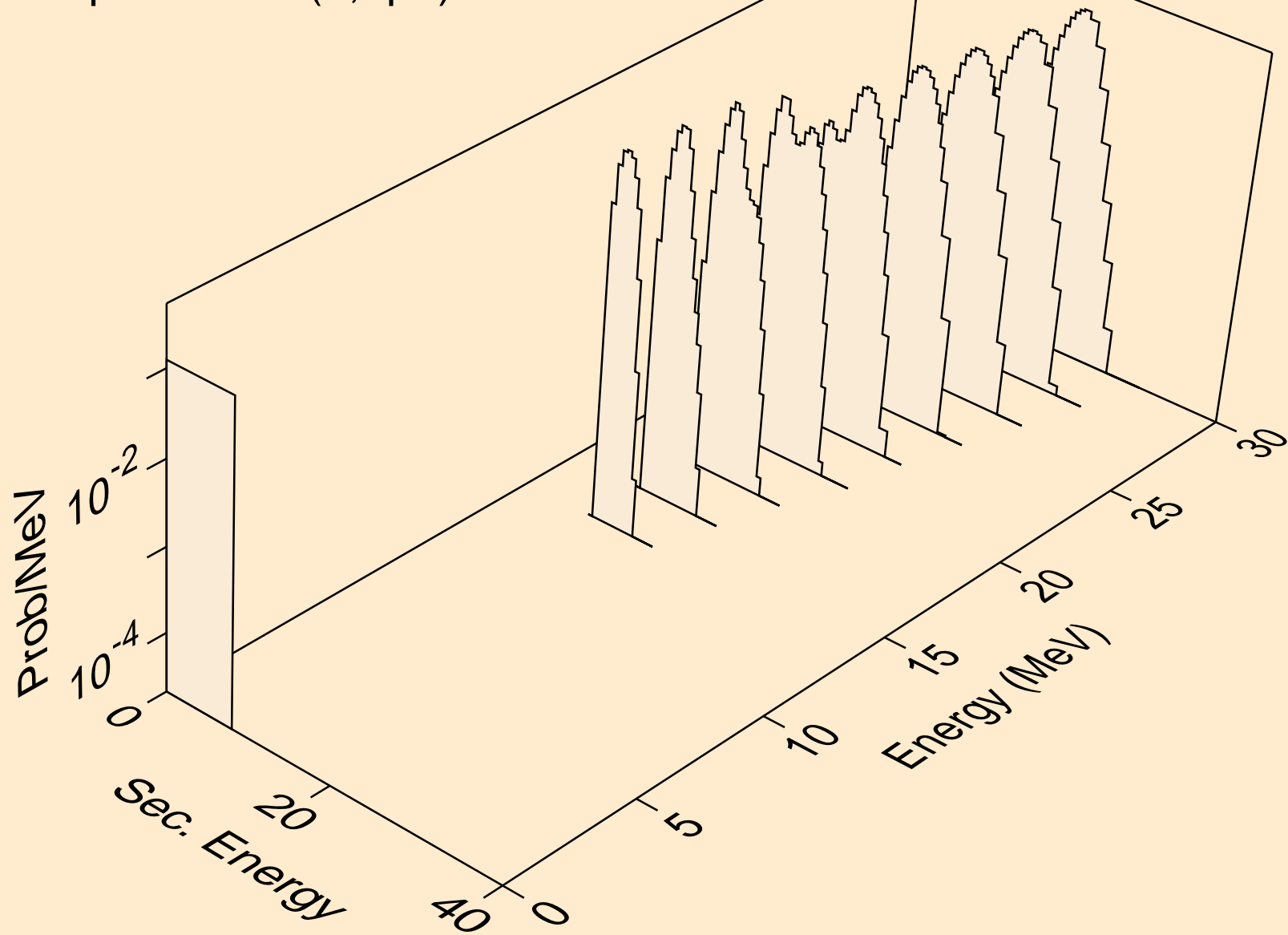
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



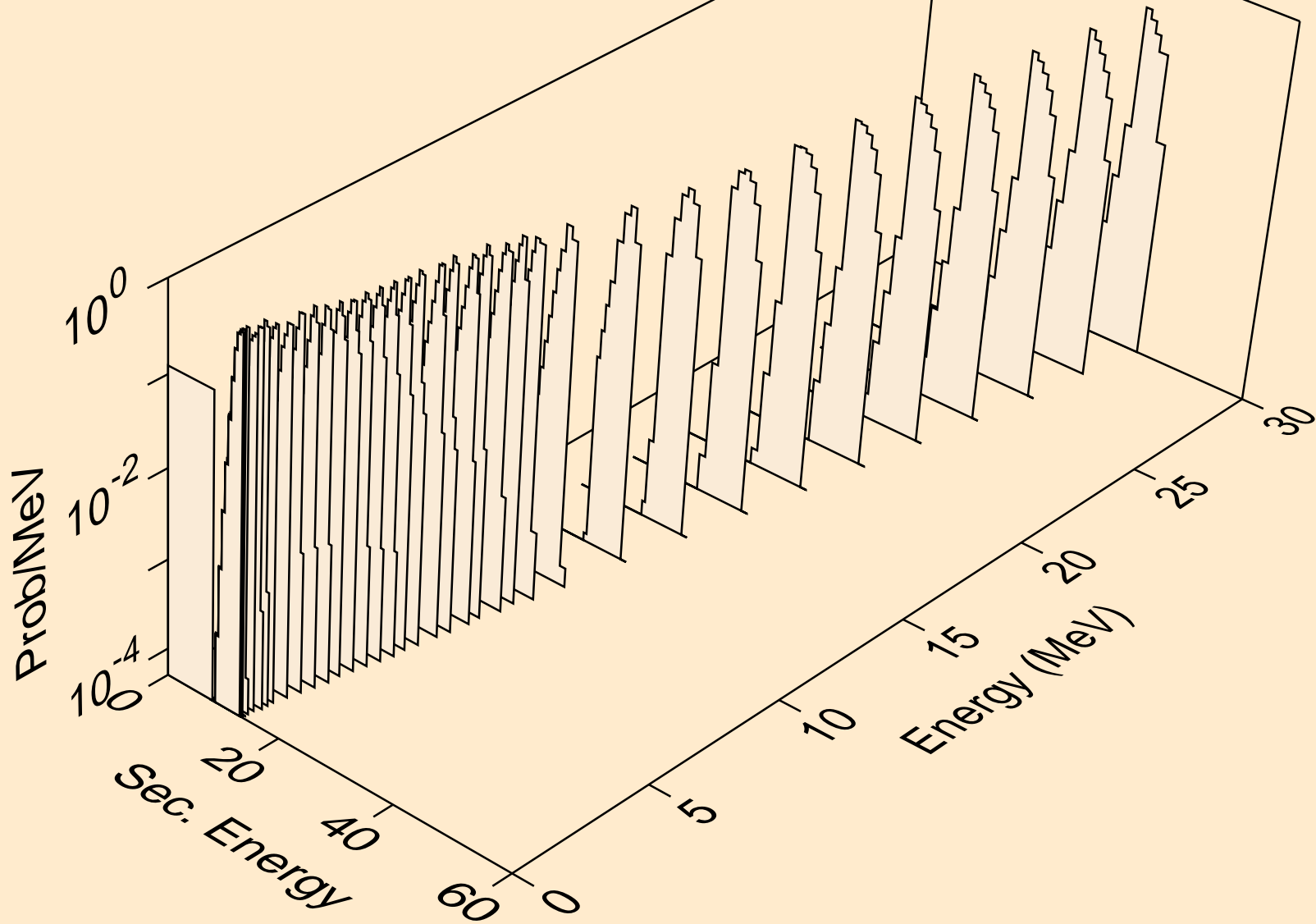
MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



MD258M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

