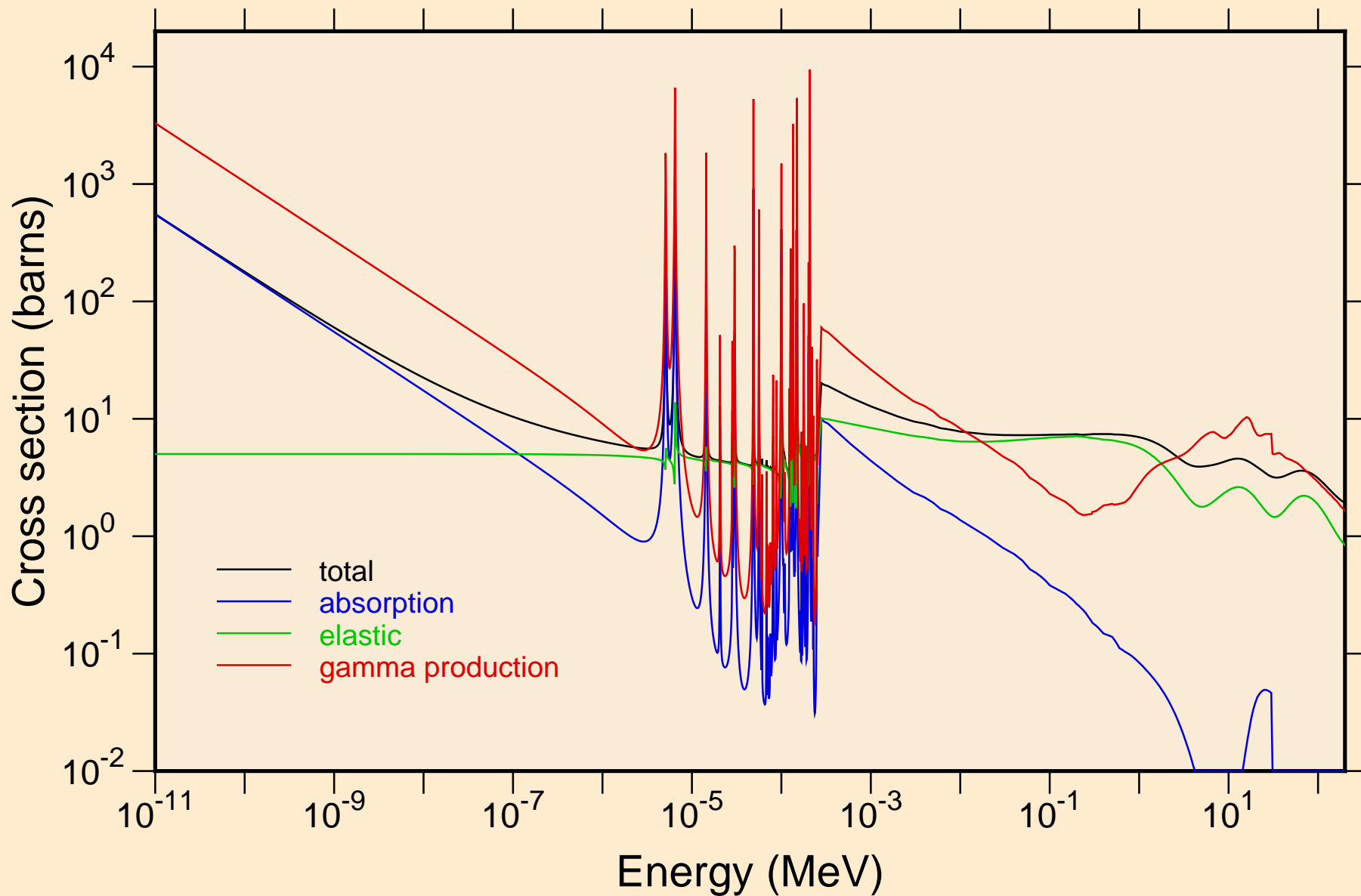
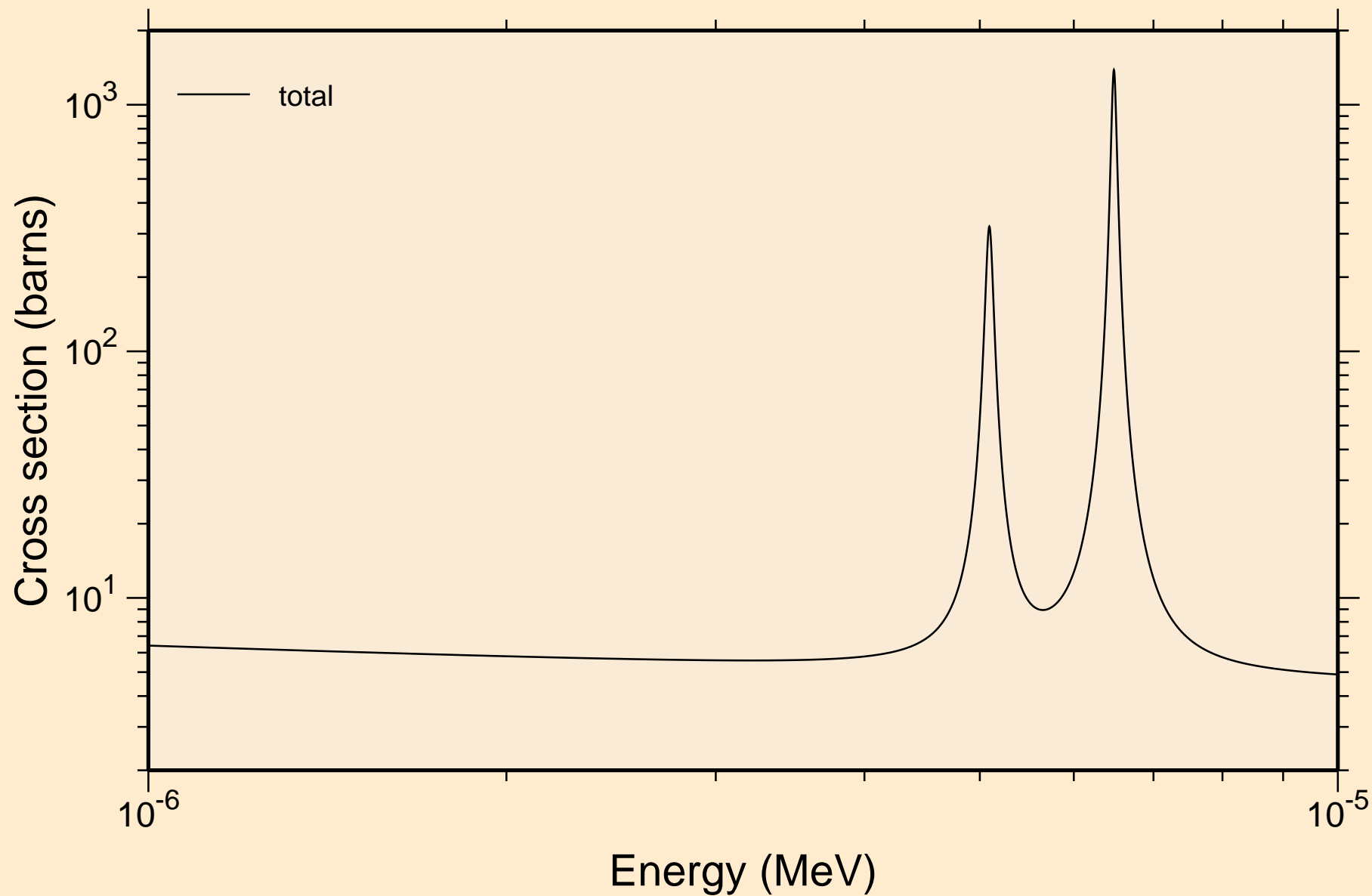


# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

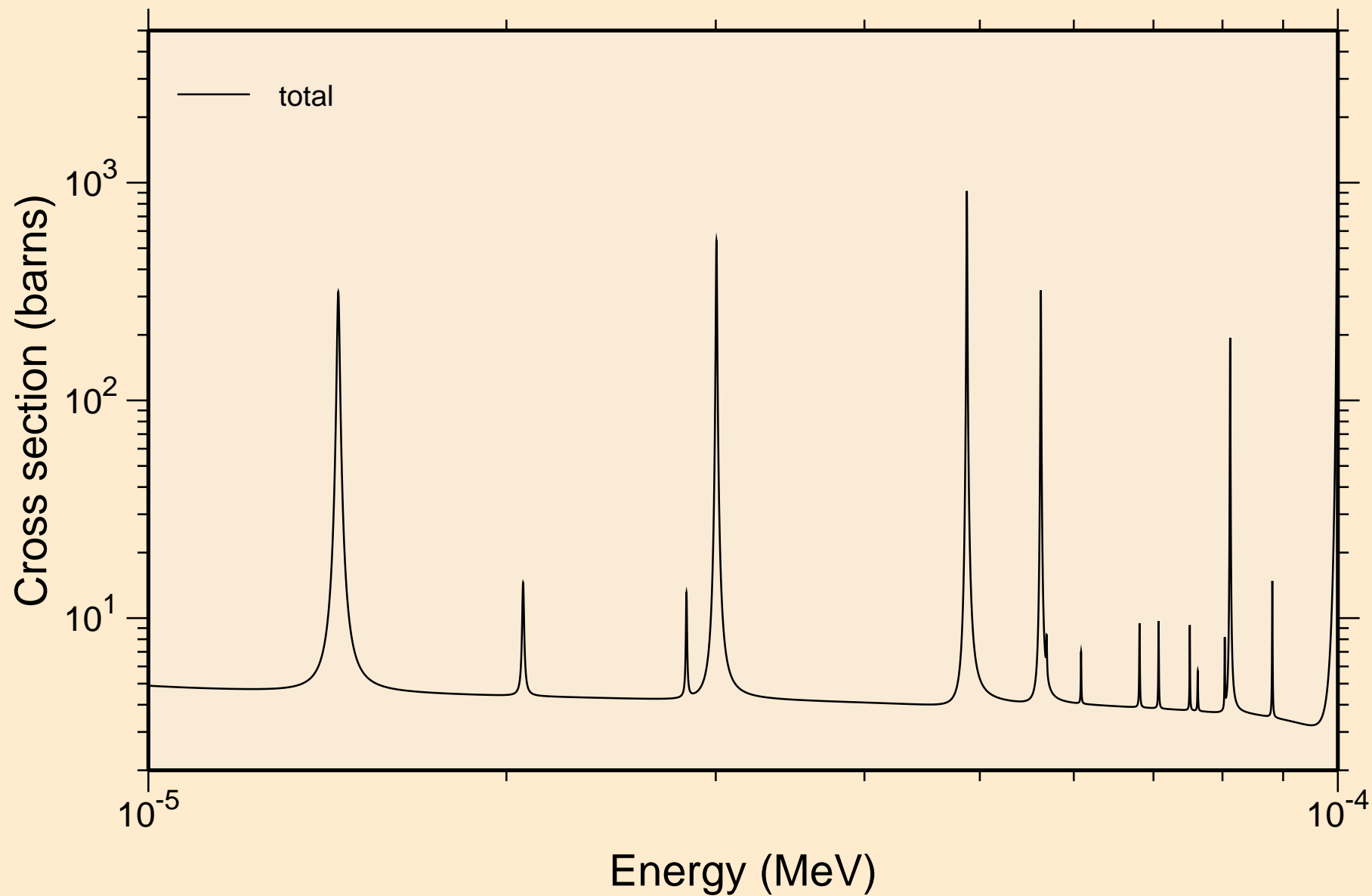
## Principal cross sections



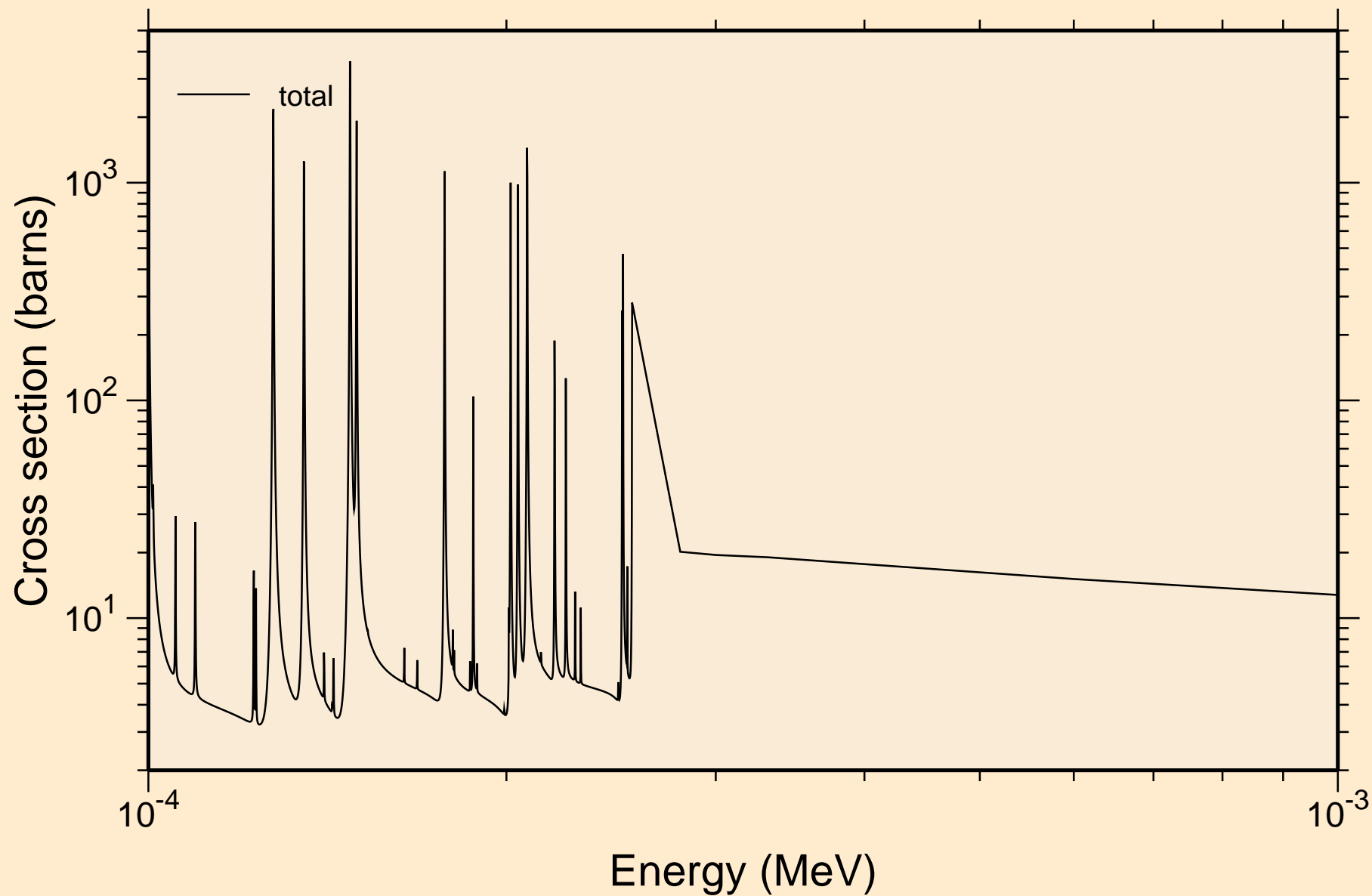
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resonance total cross section



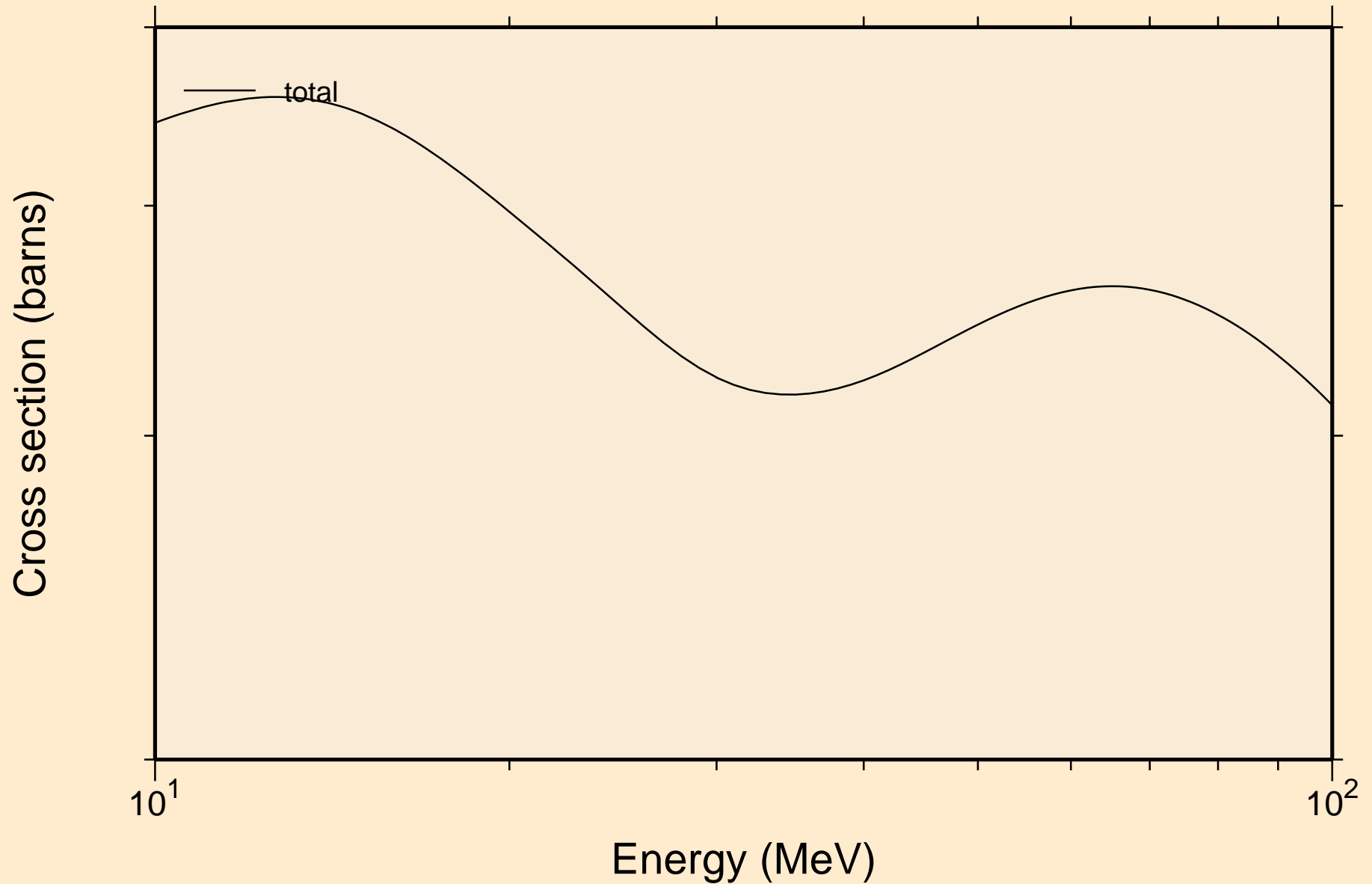
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resonance total cross section



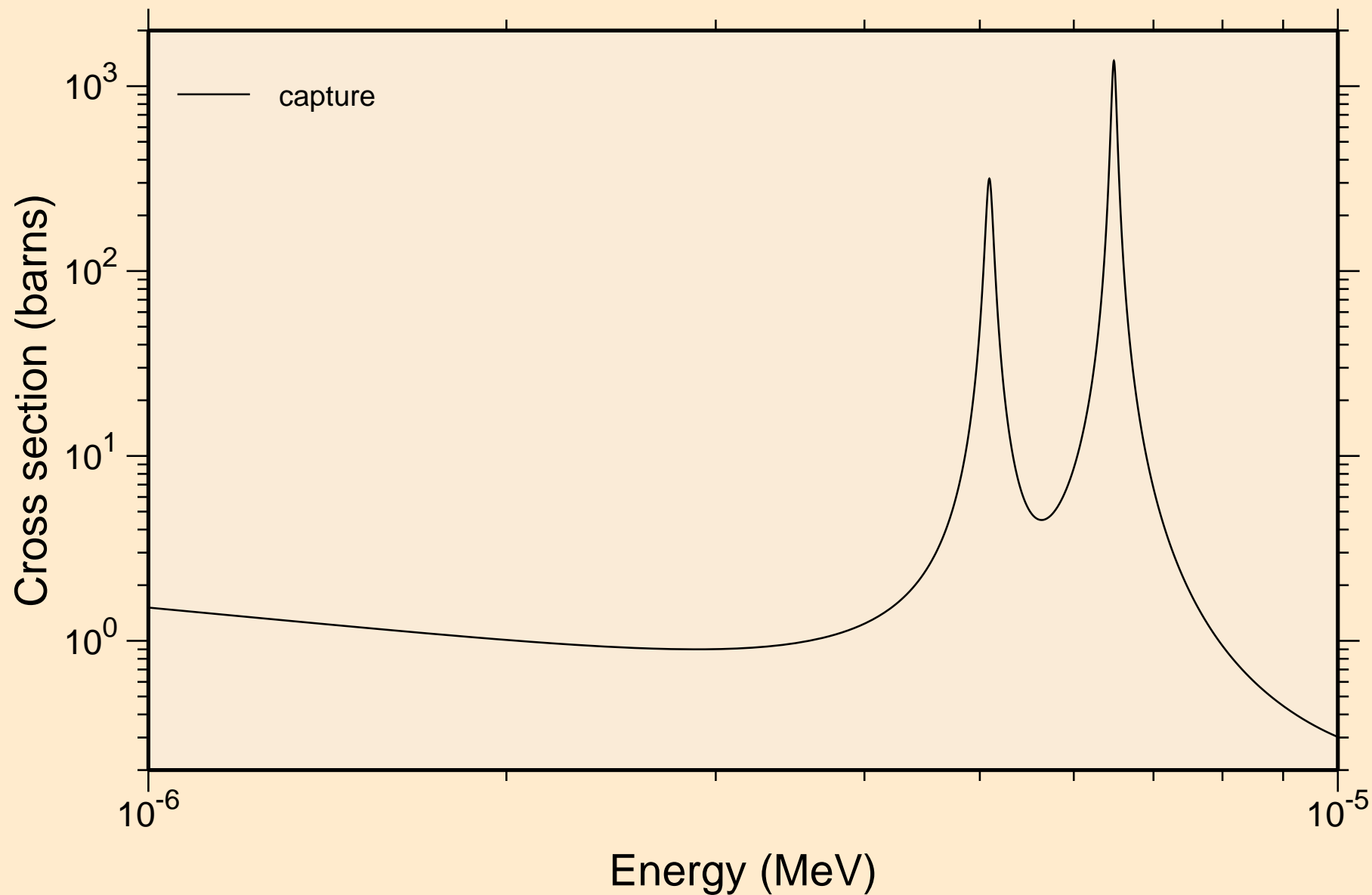
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resonance total cross section



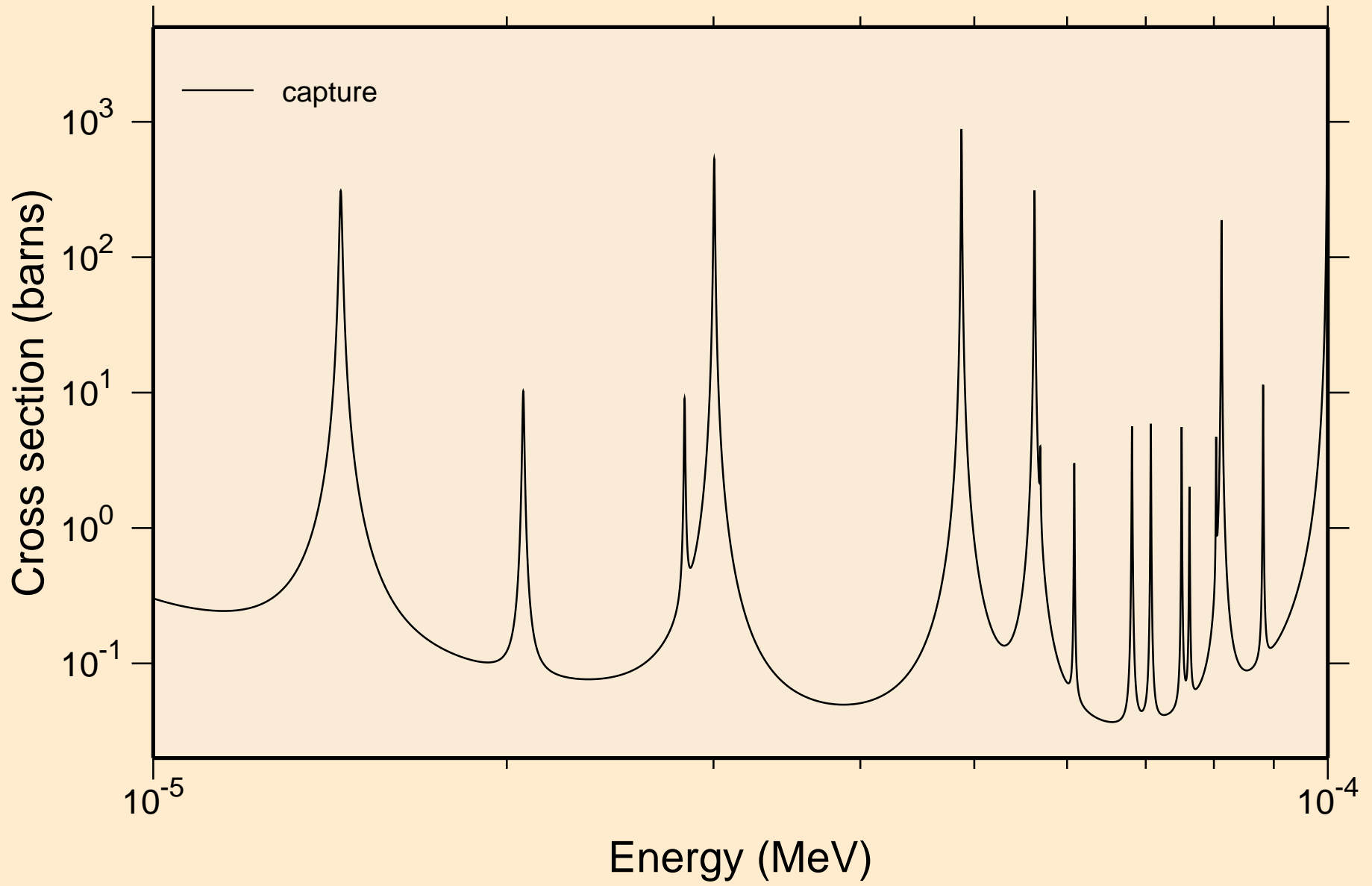
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



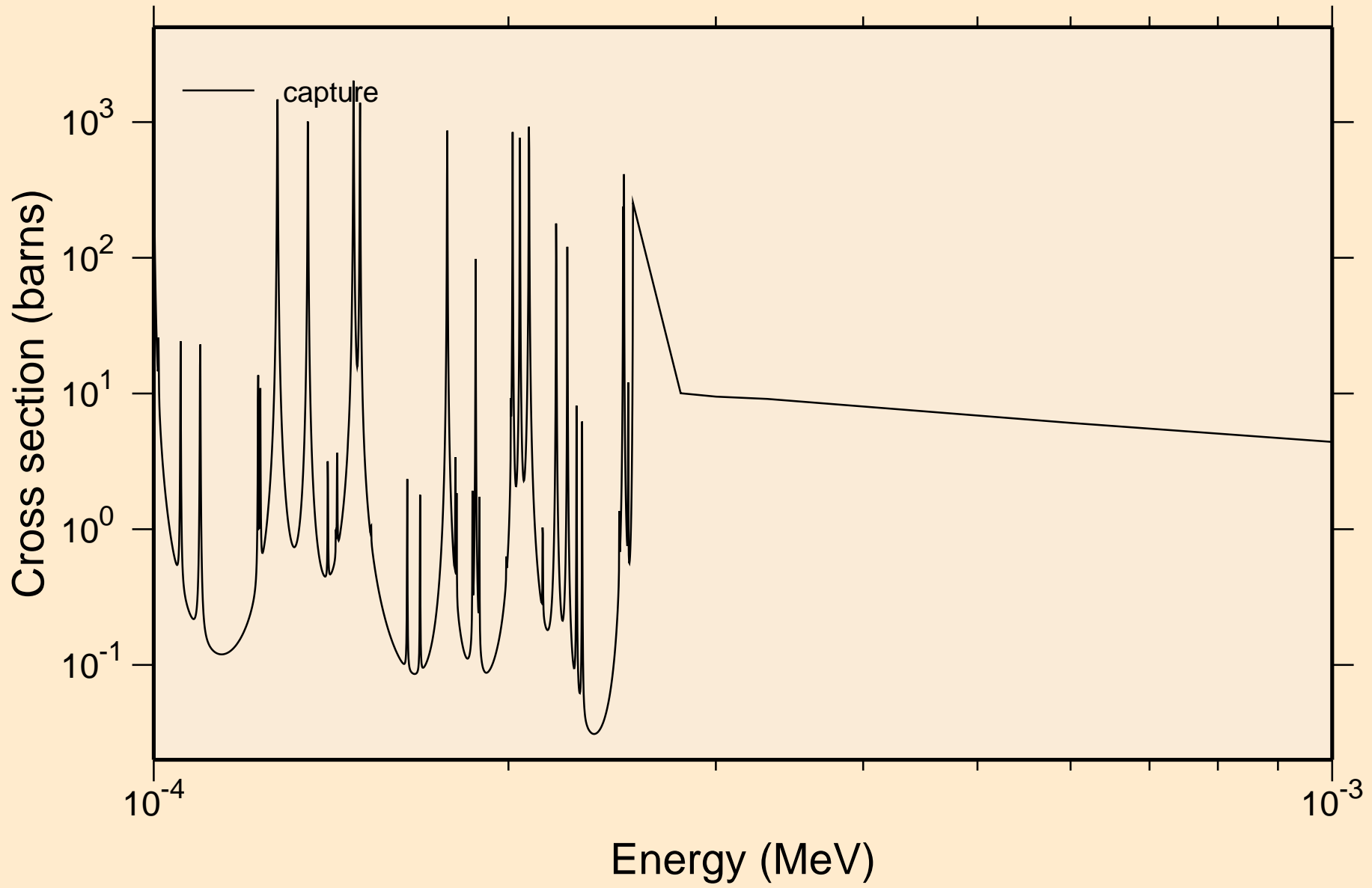
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

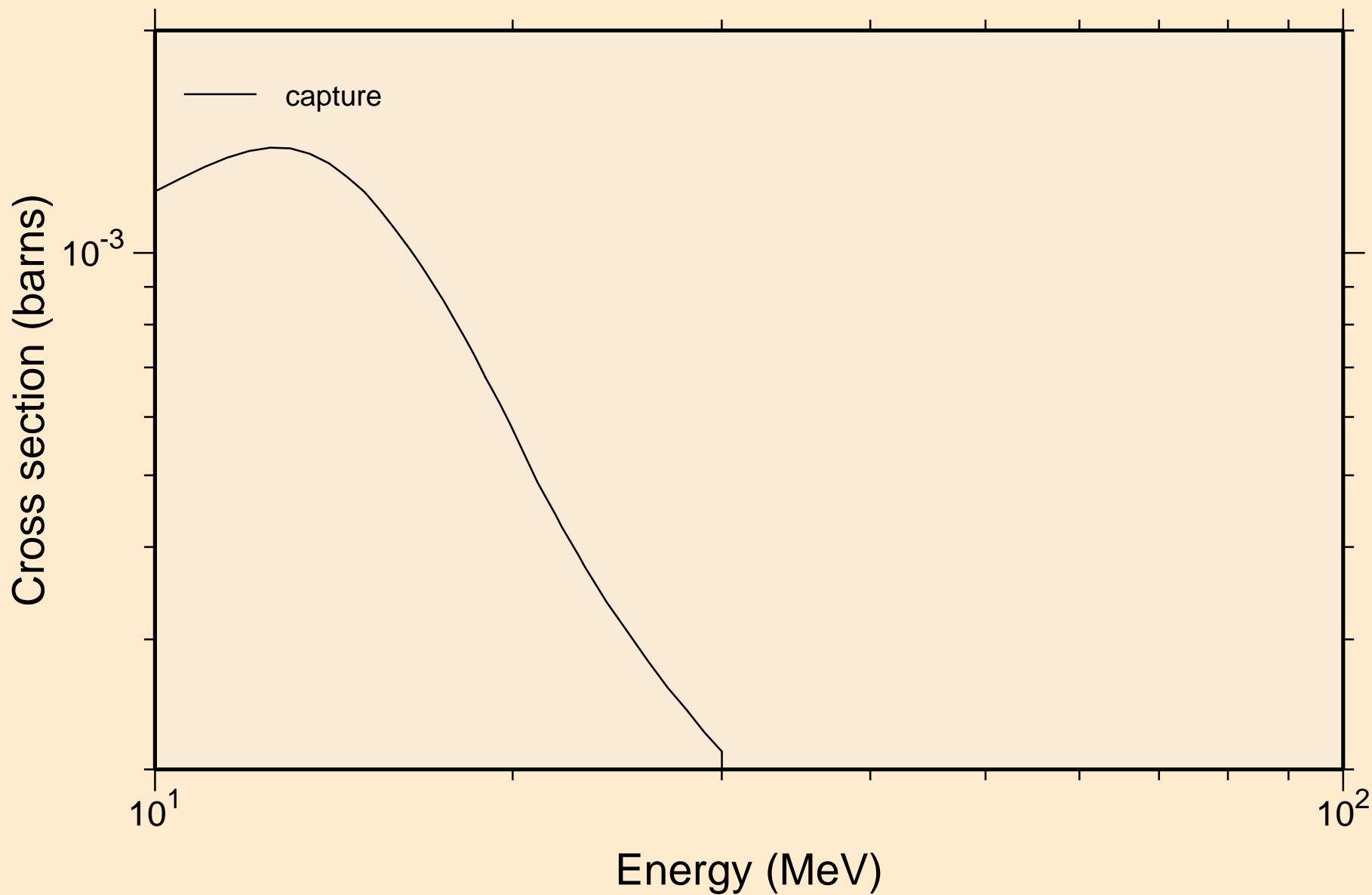


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

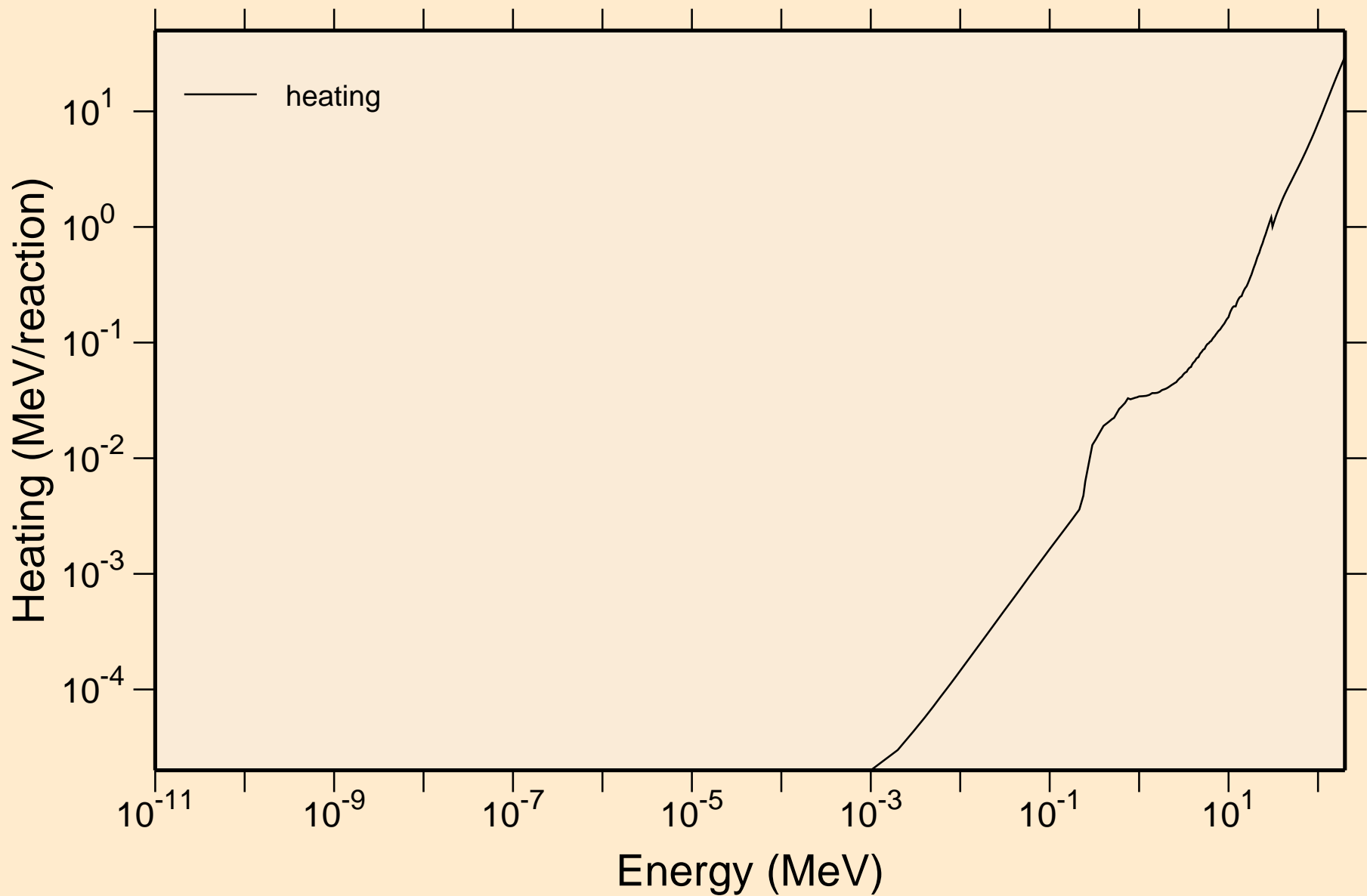




CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

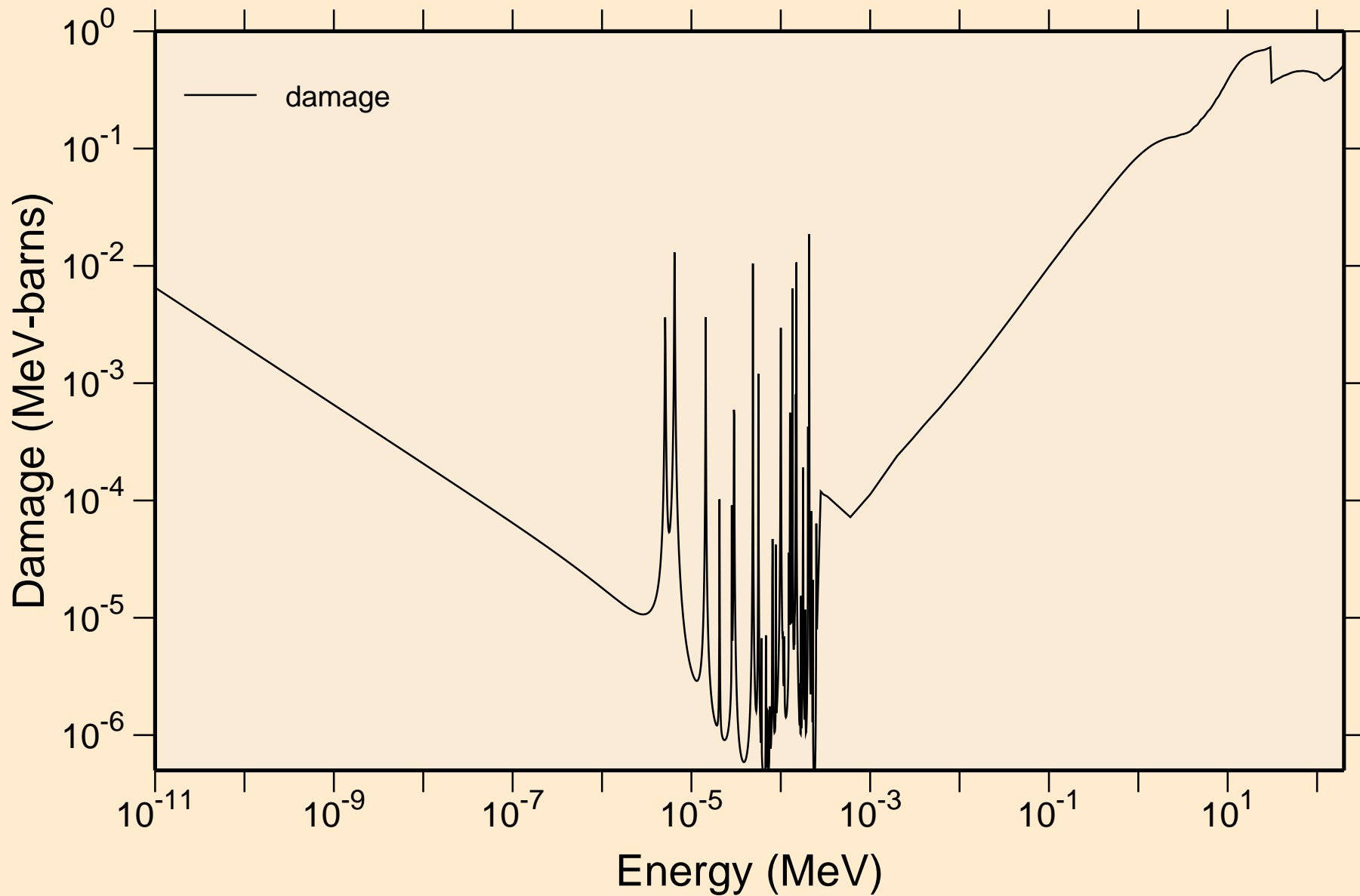


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

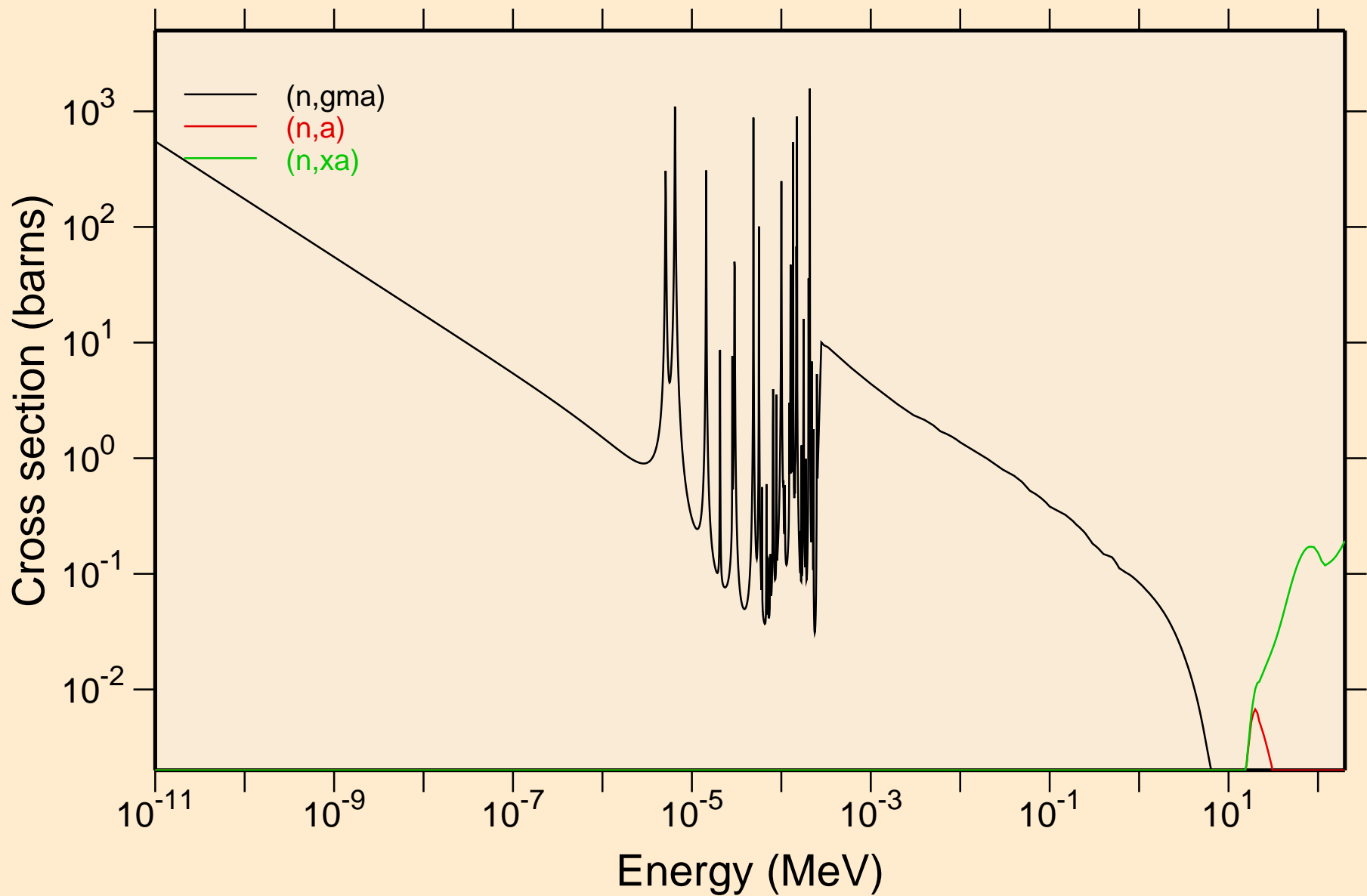


# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

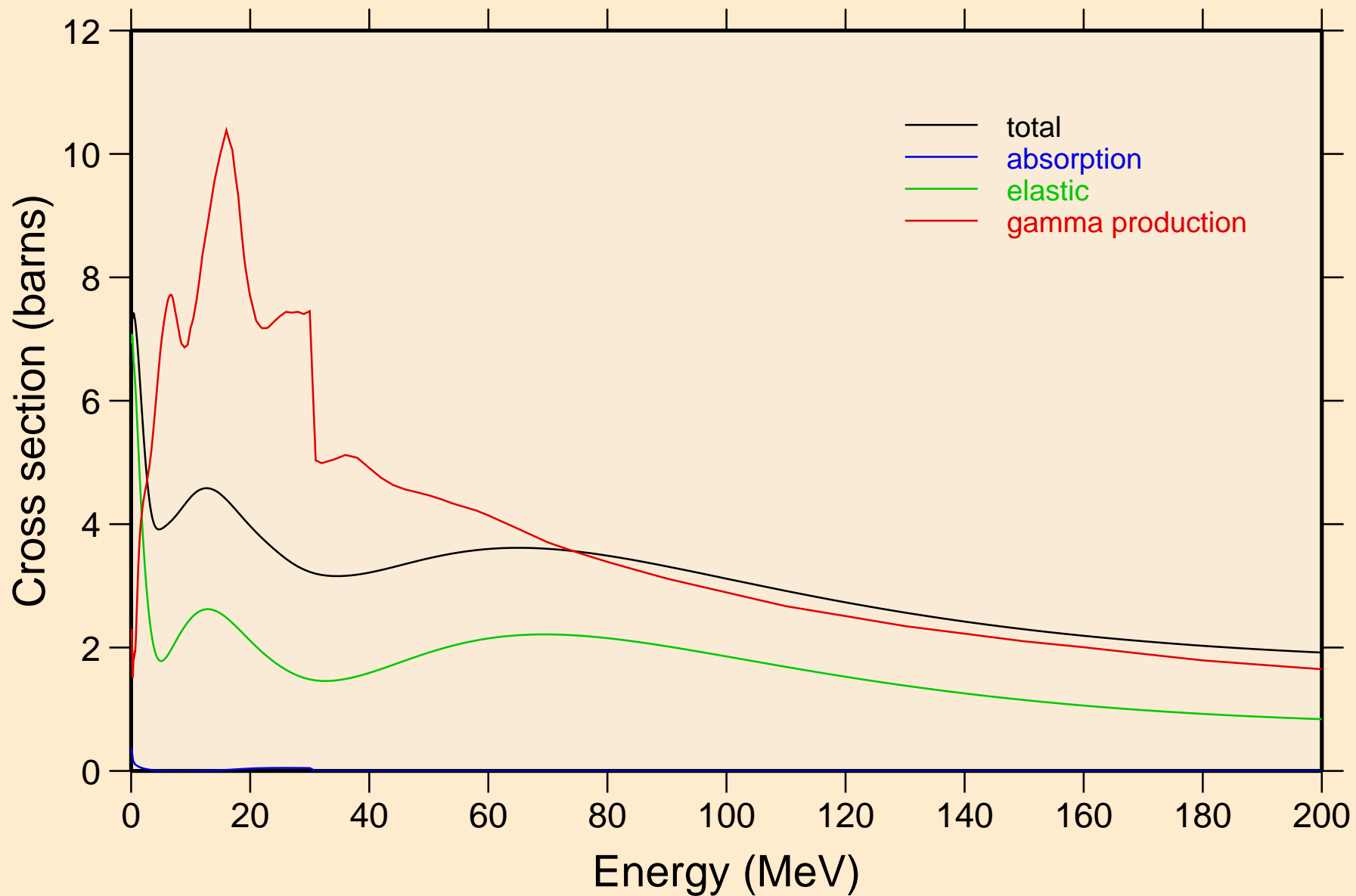


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

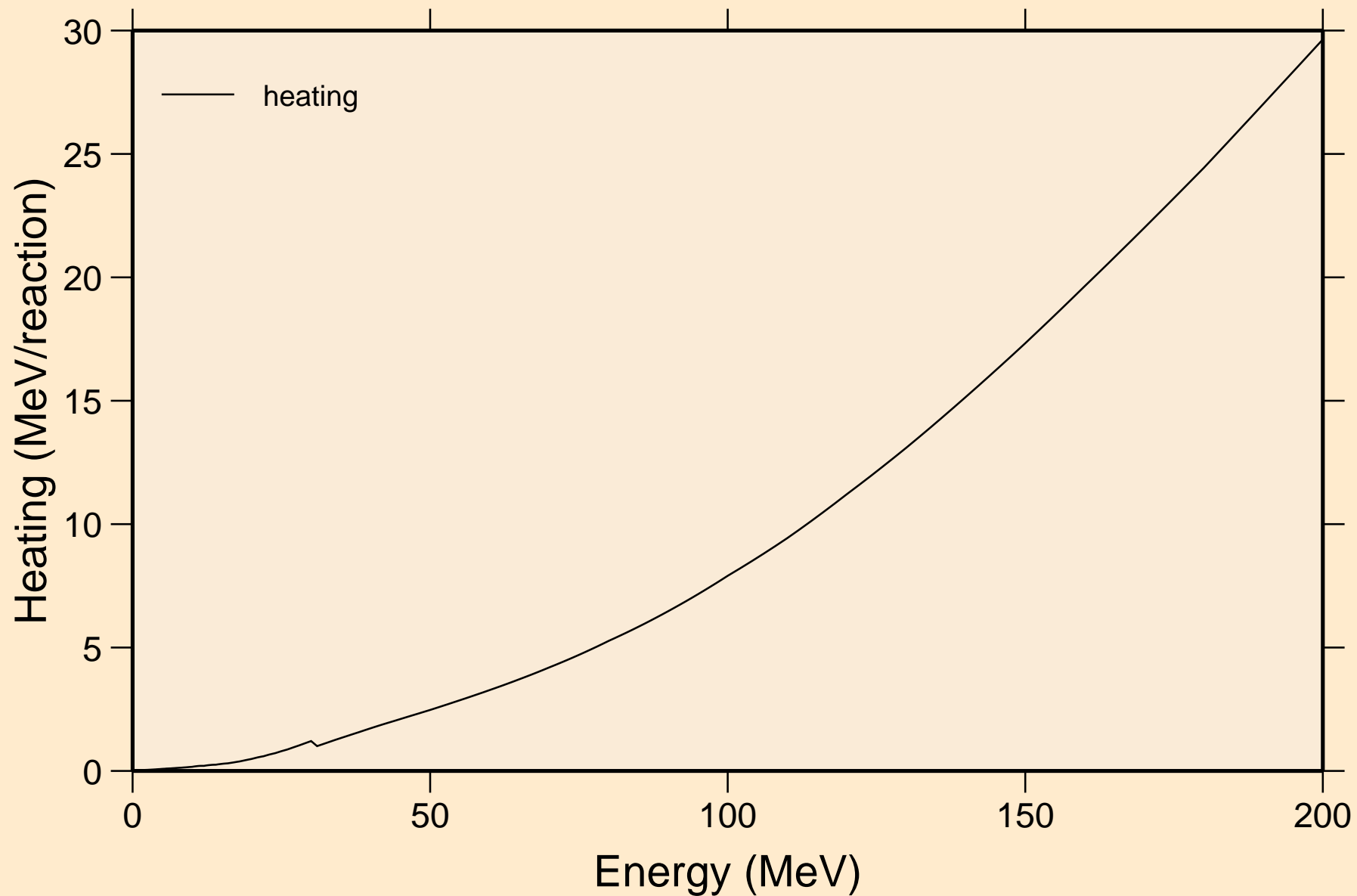


# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

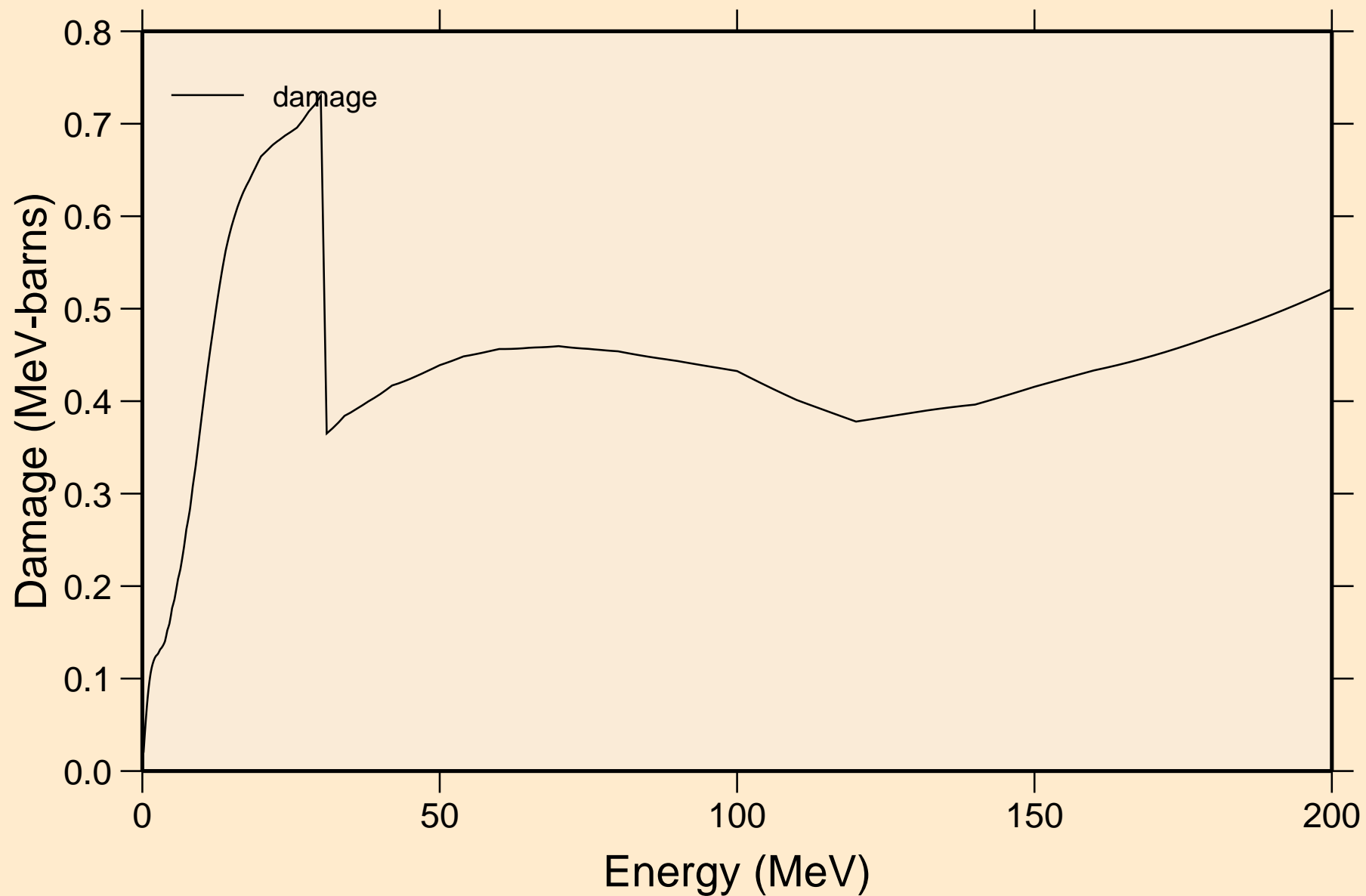
## Principal cross sections



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

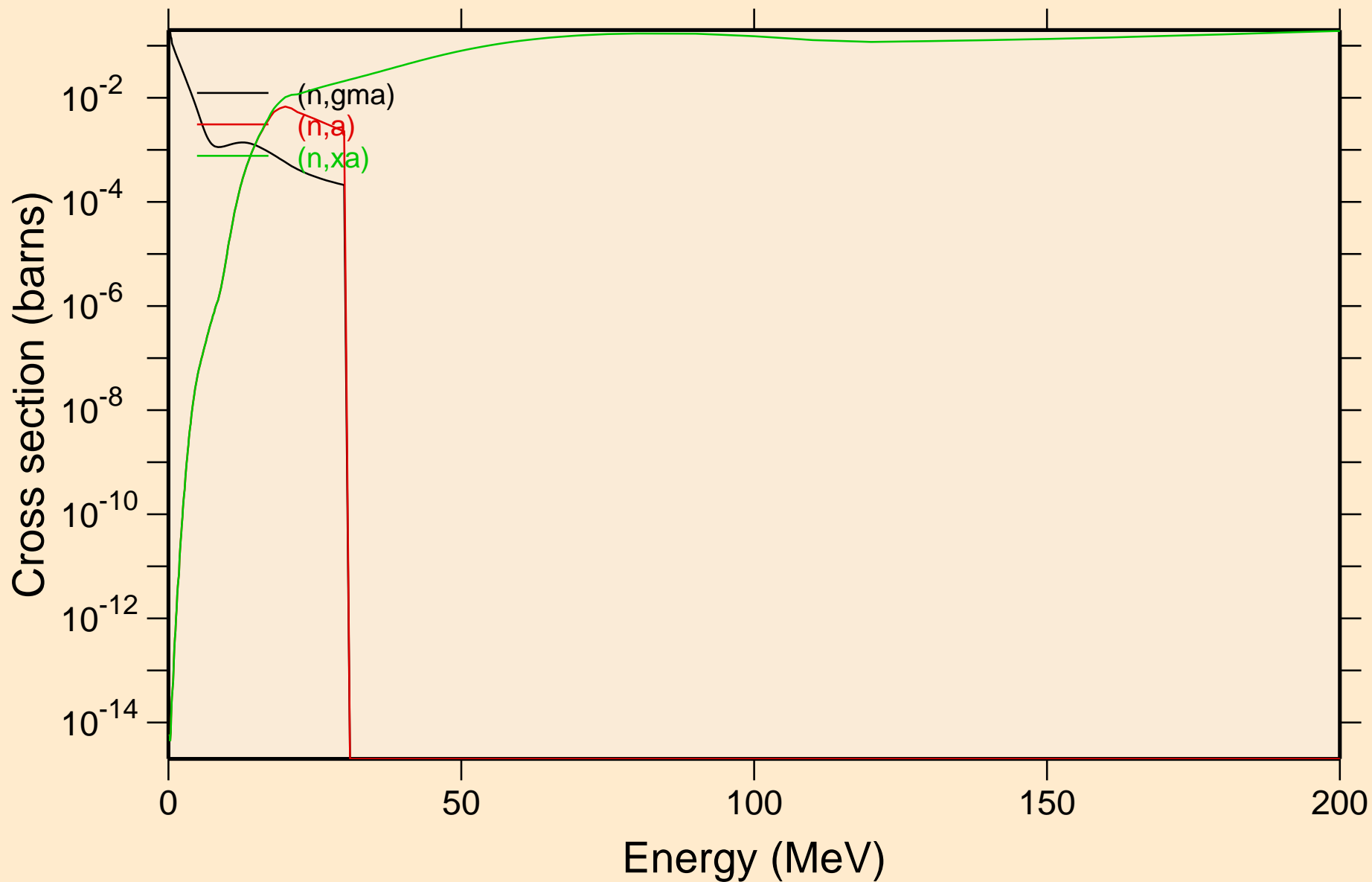


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

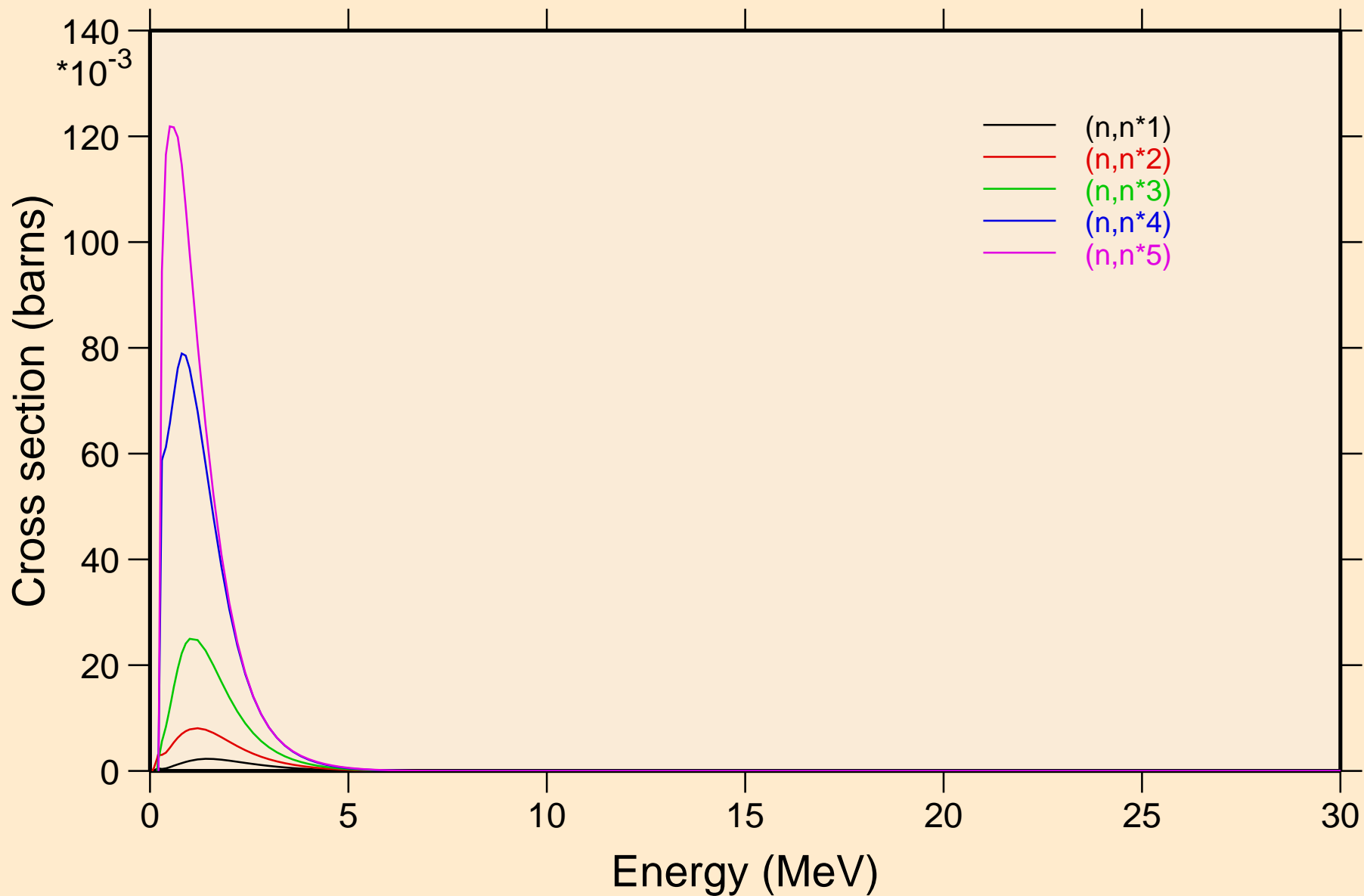
## Non-threshold reactions





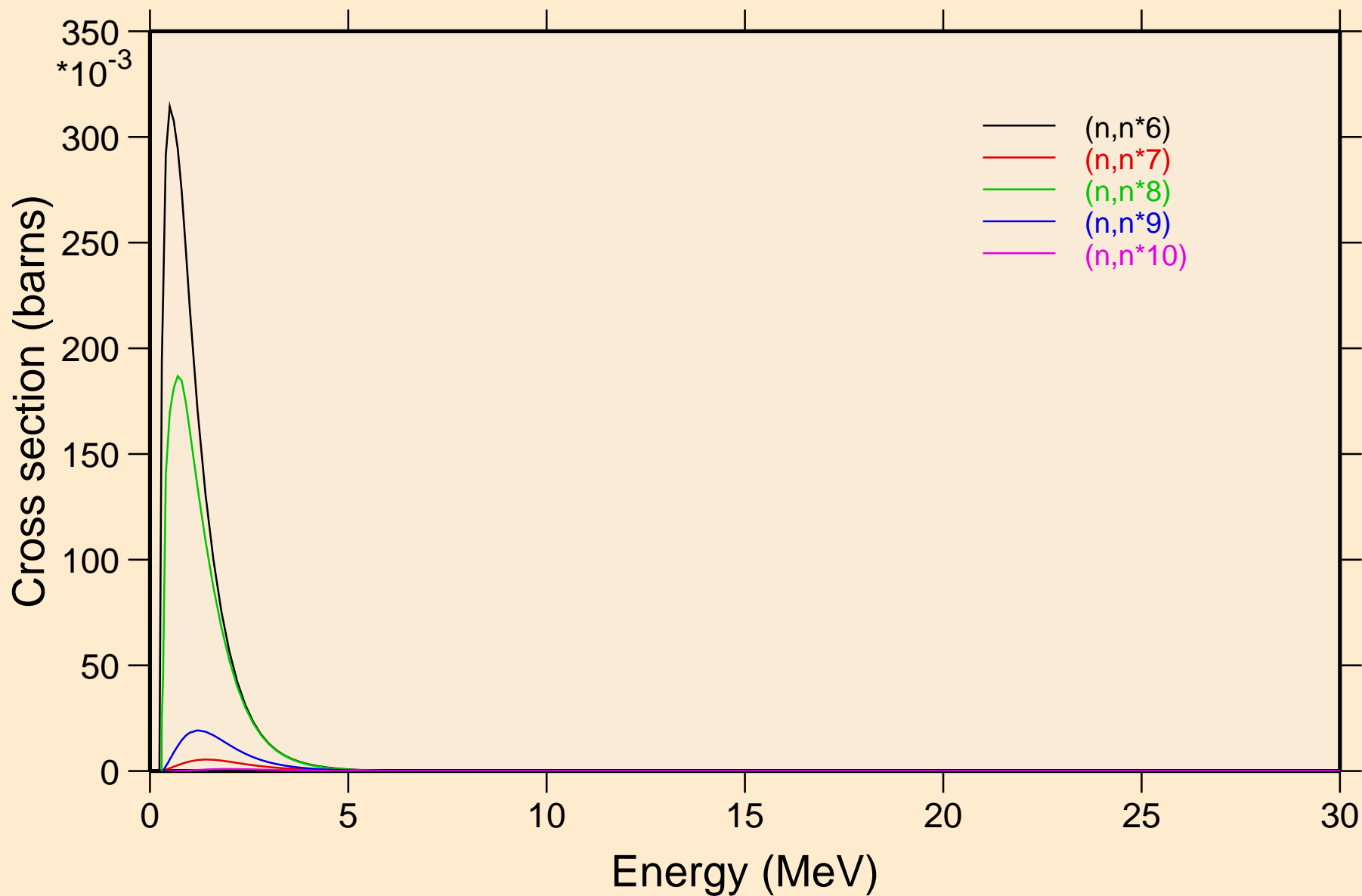
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## Inelastic levels

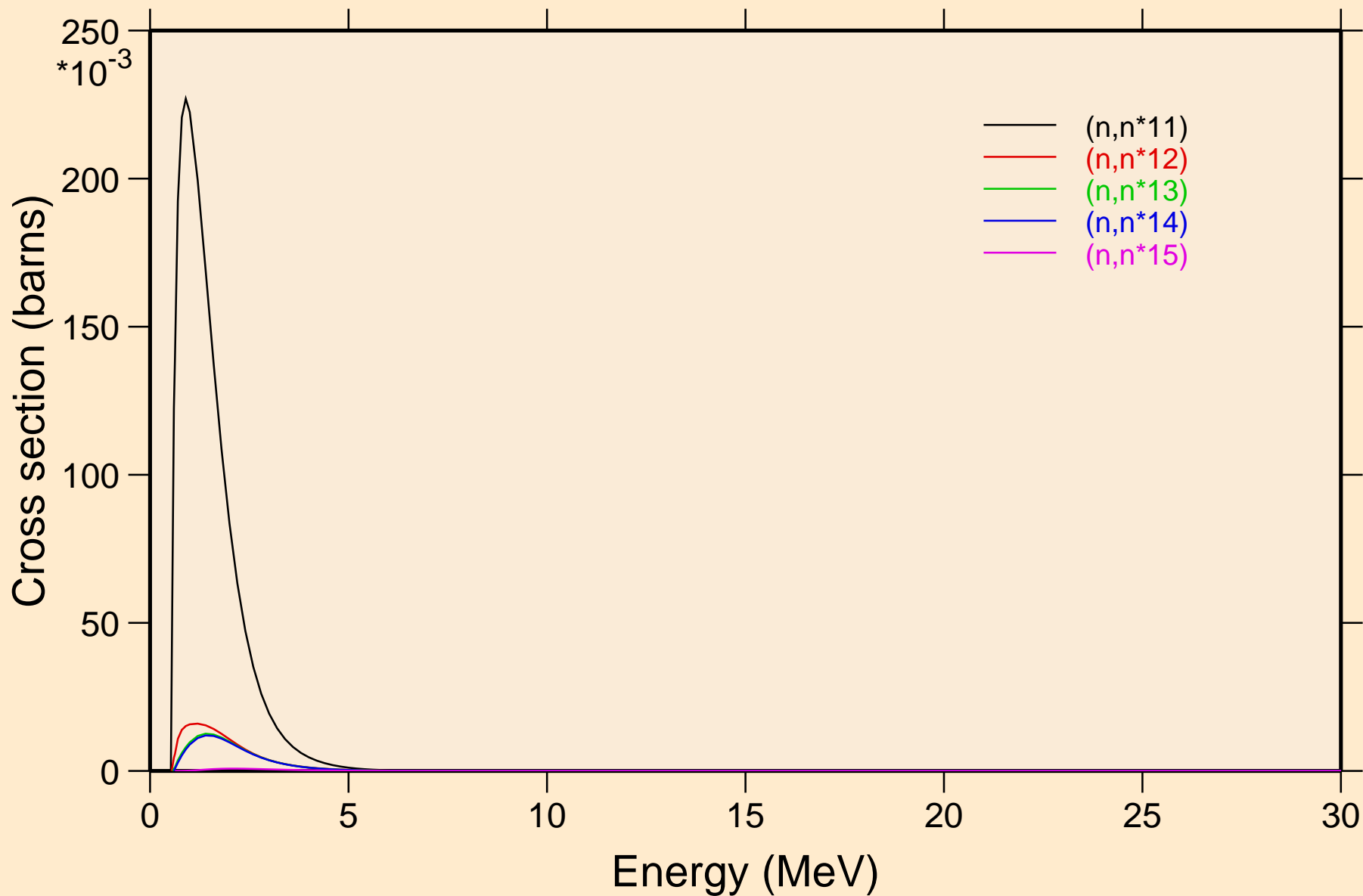


# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

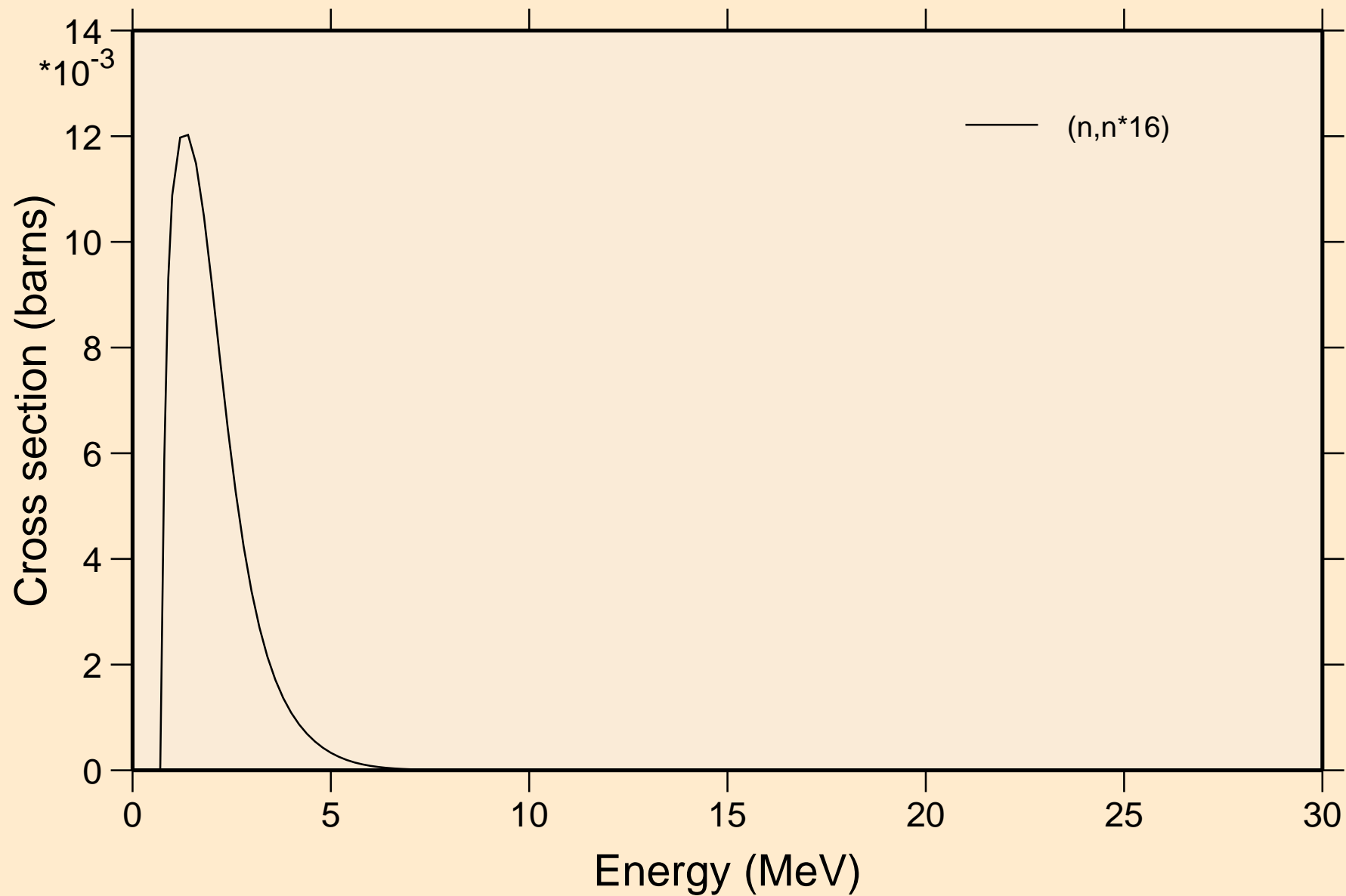
## Inelastic levels



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

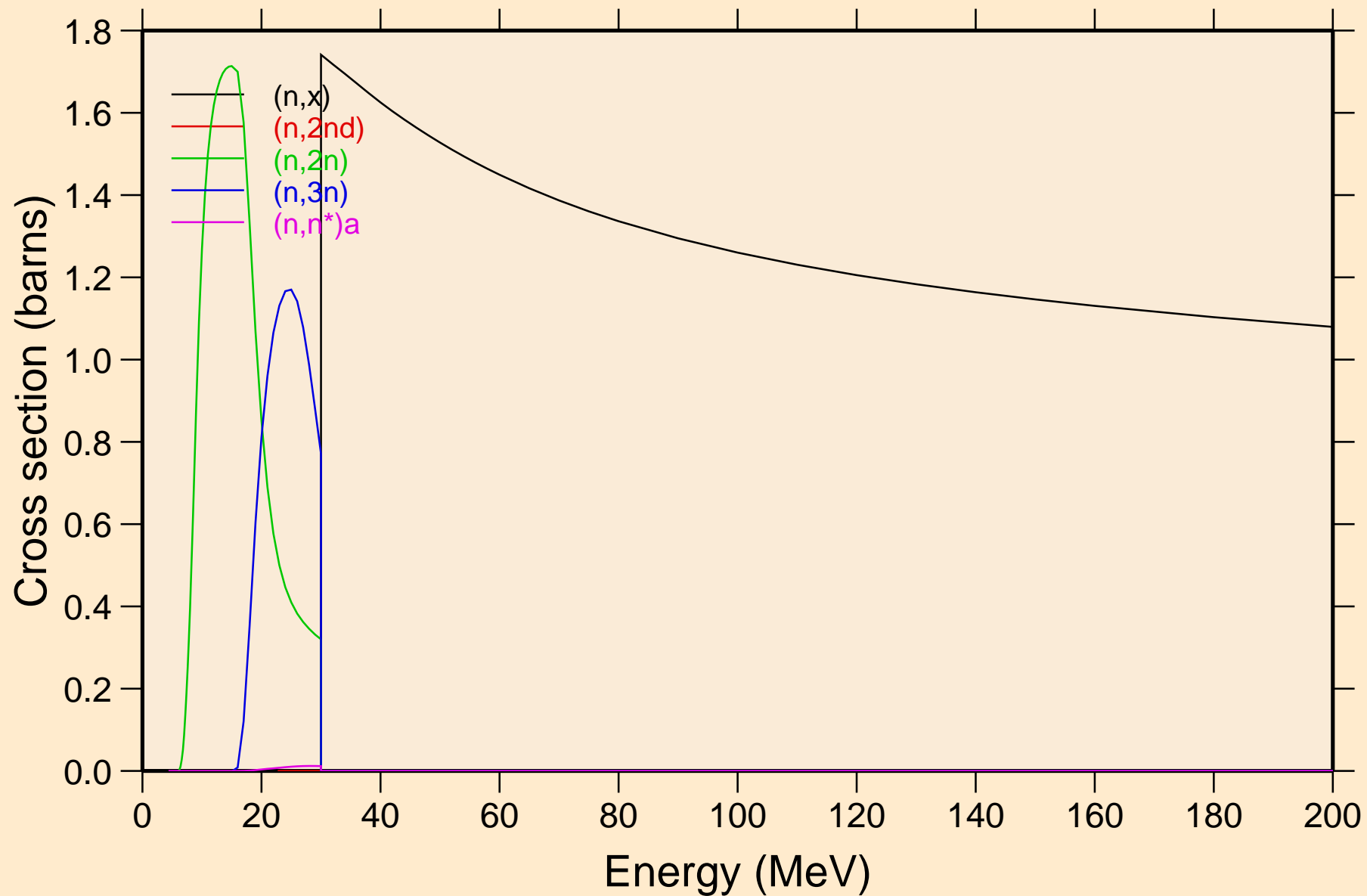


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



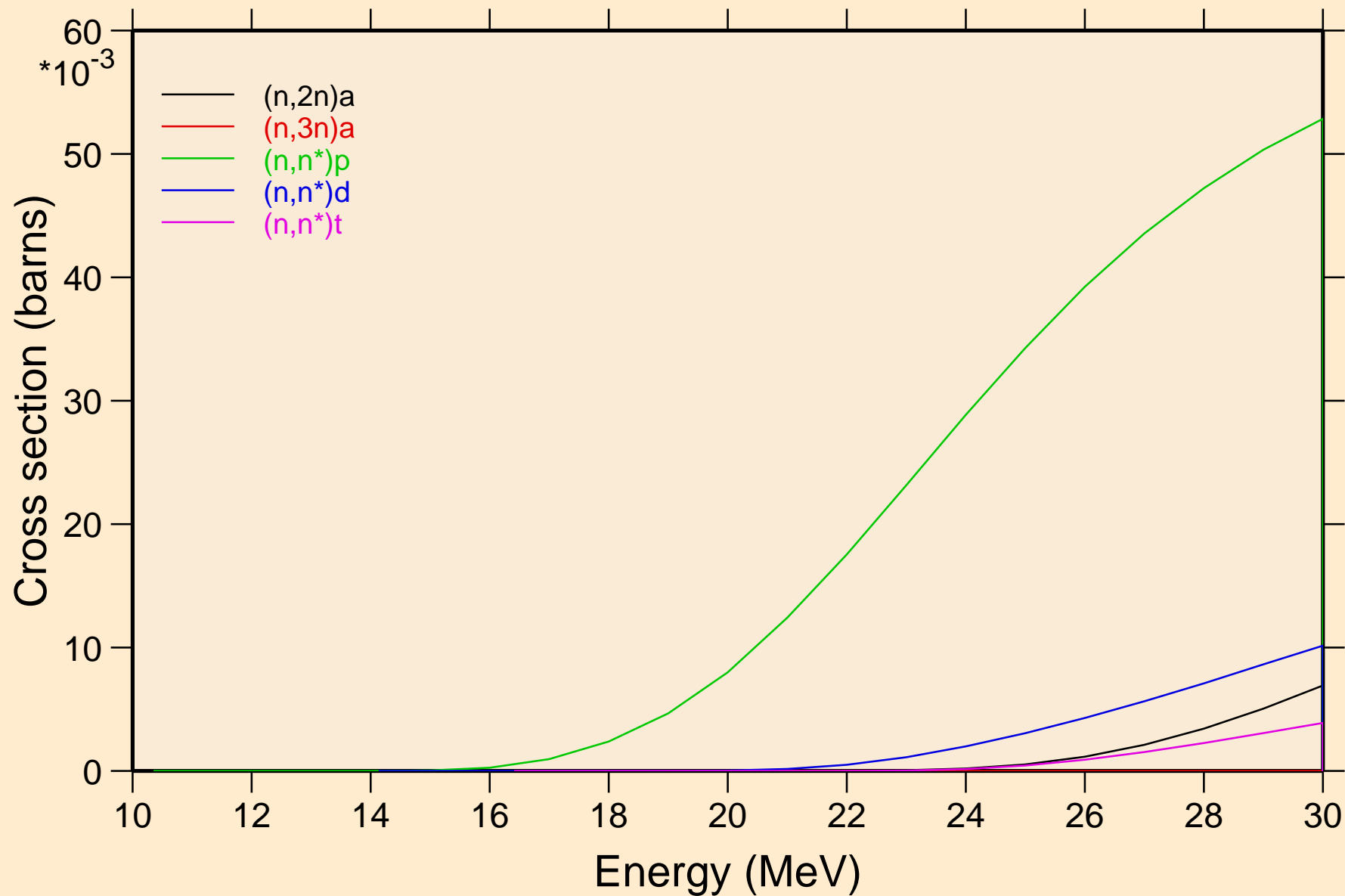
# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



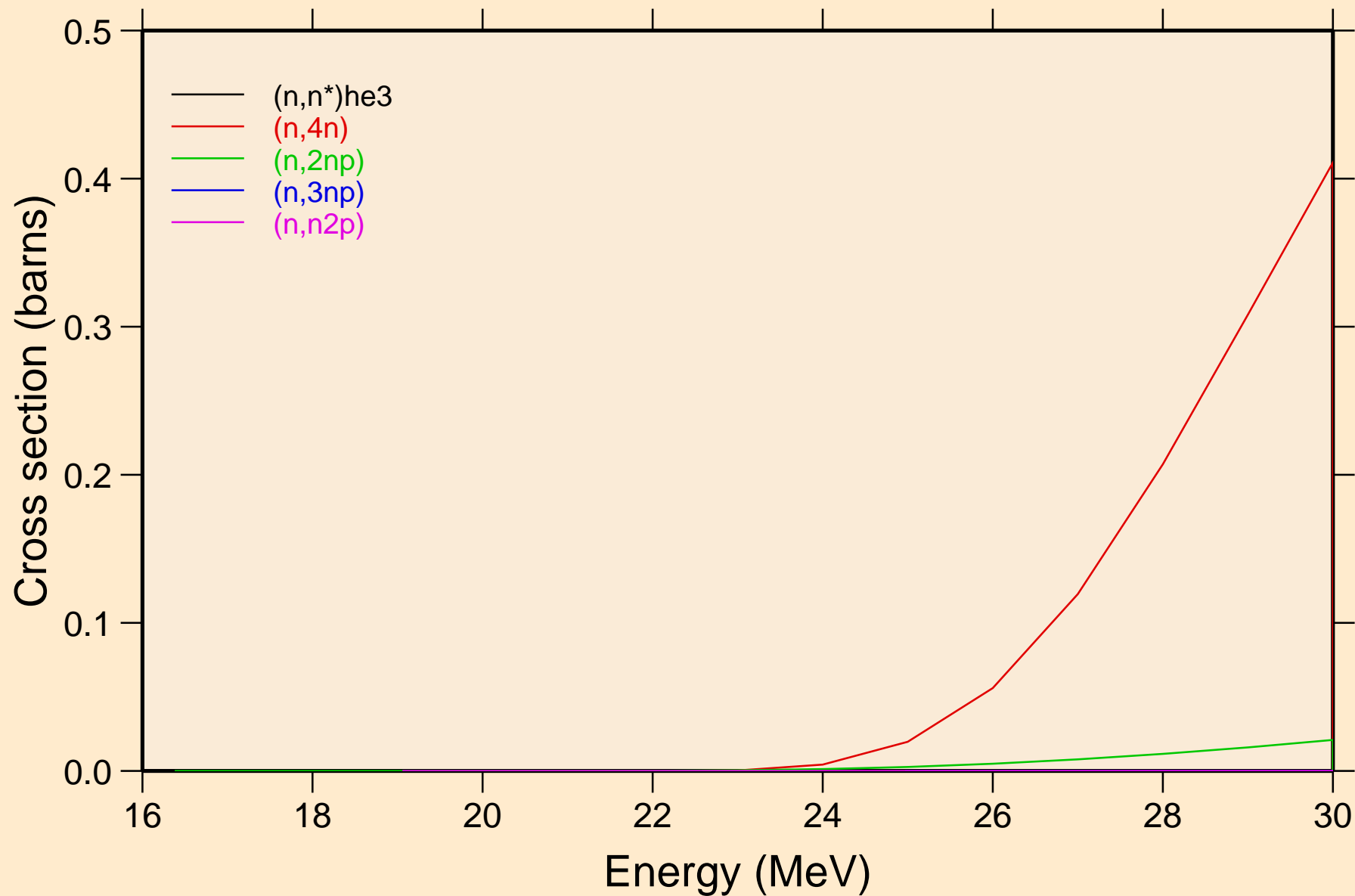
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## Threshold reactions



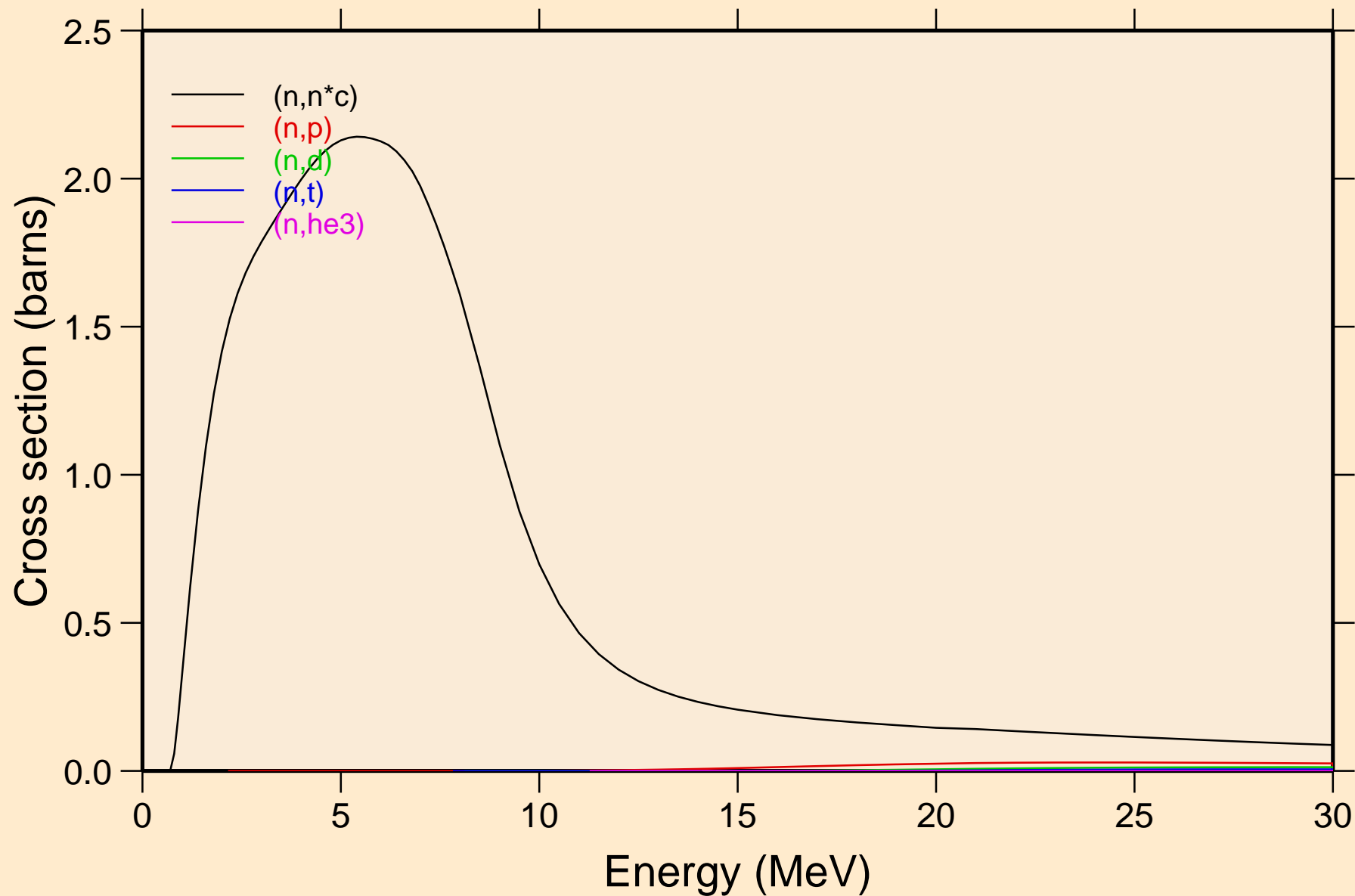
# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

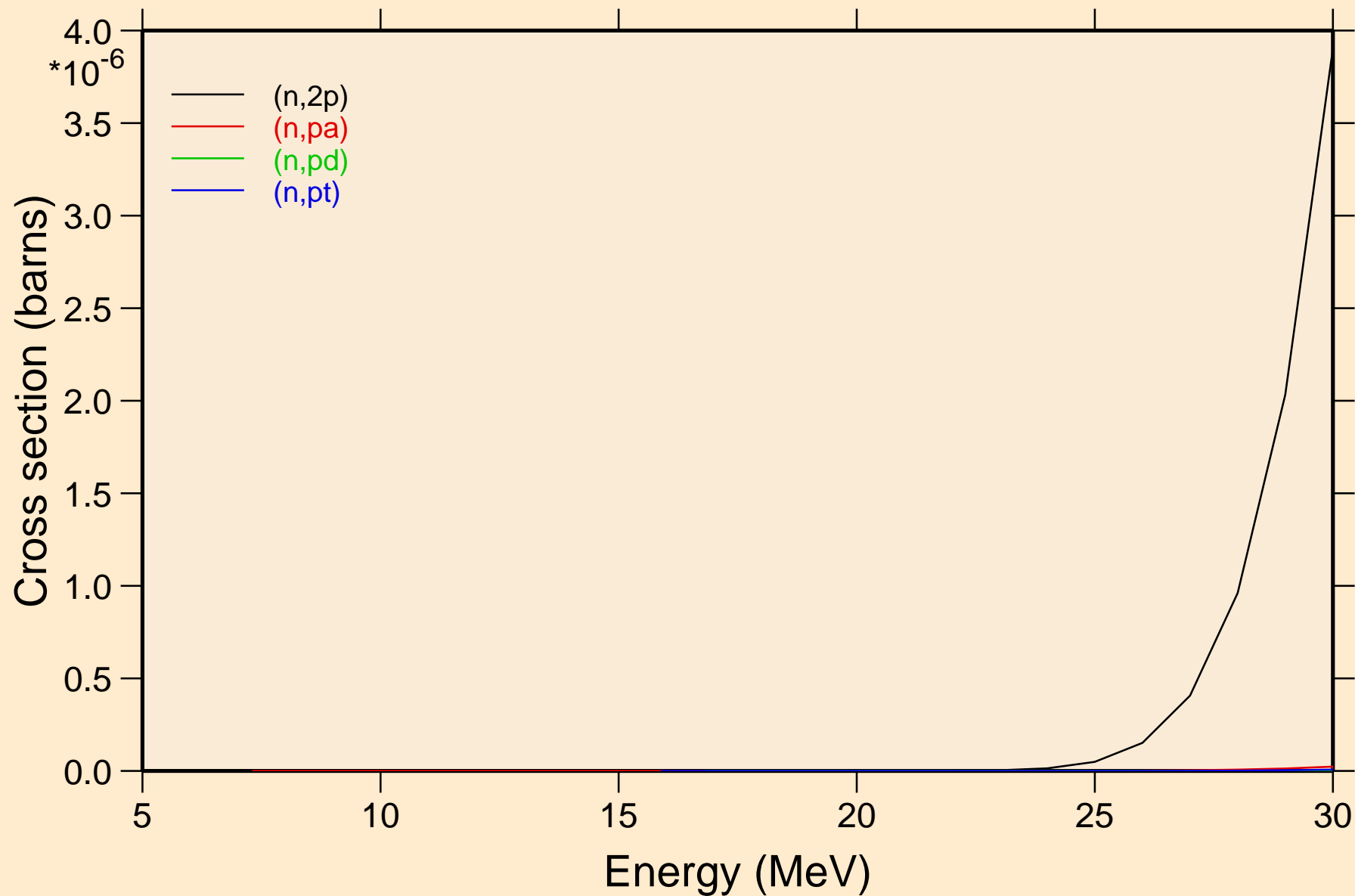
## Threshold reactions





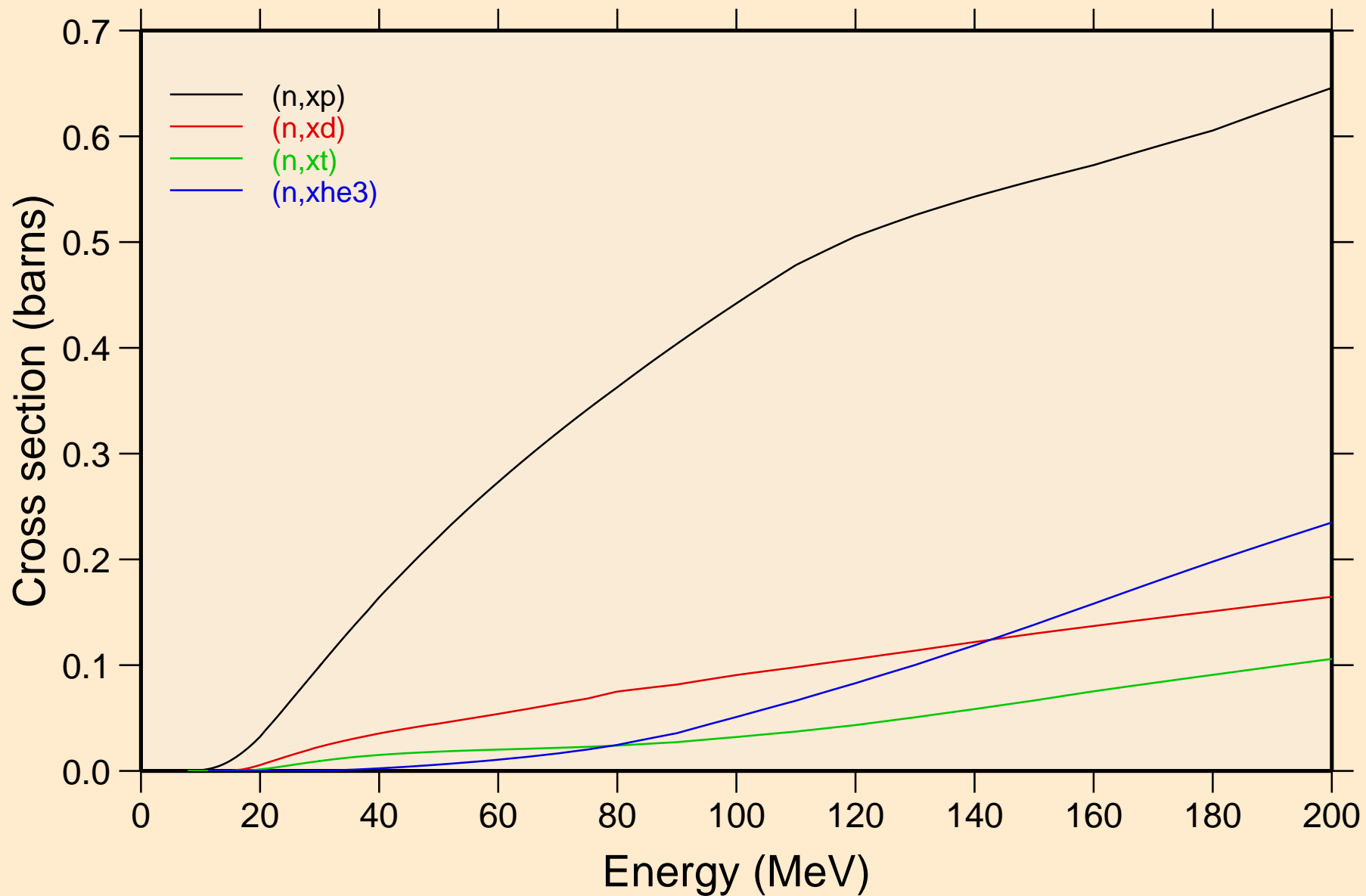
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## Threshold reactions

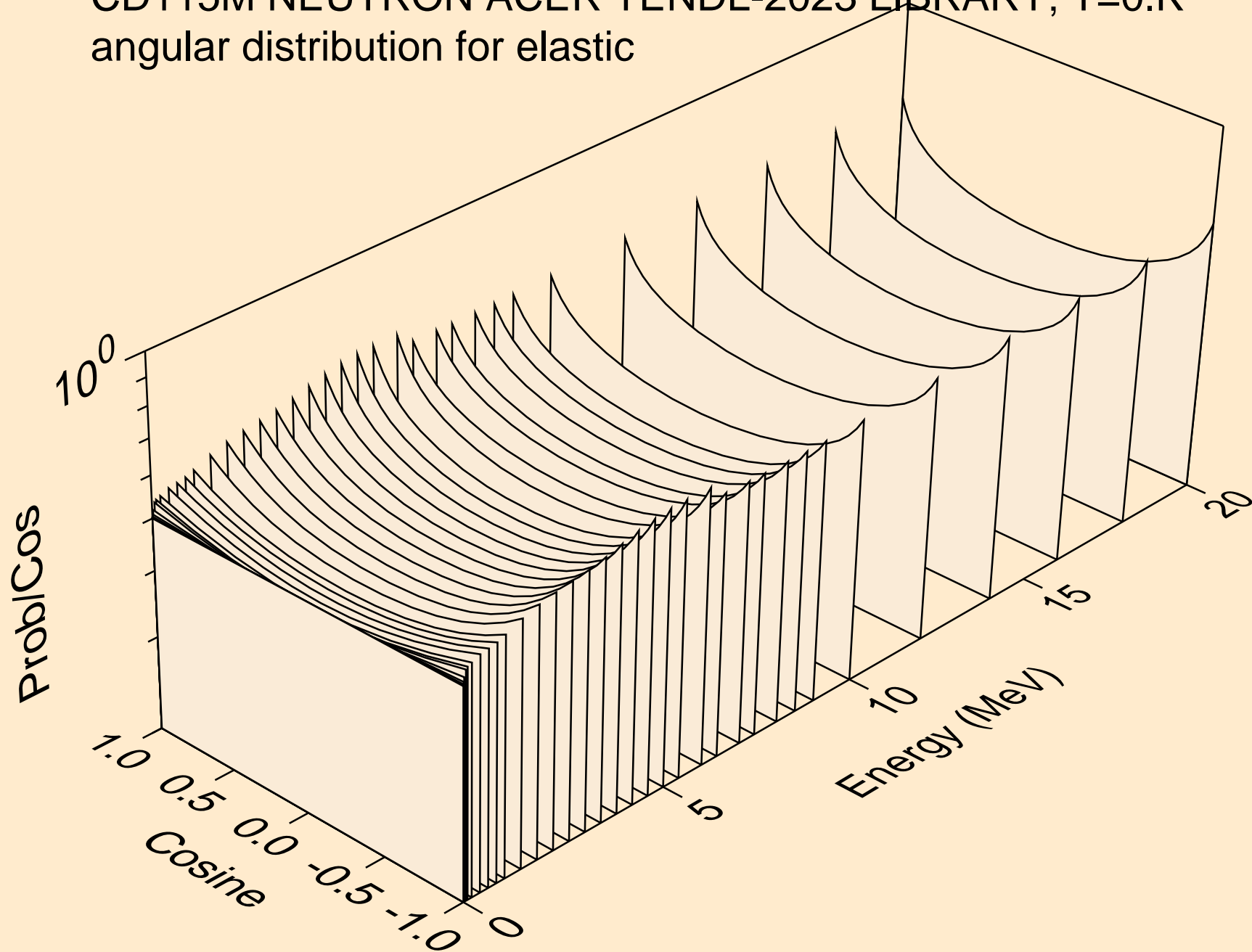


# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

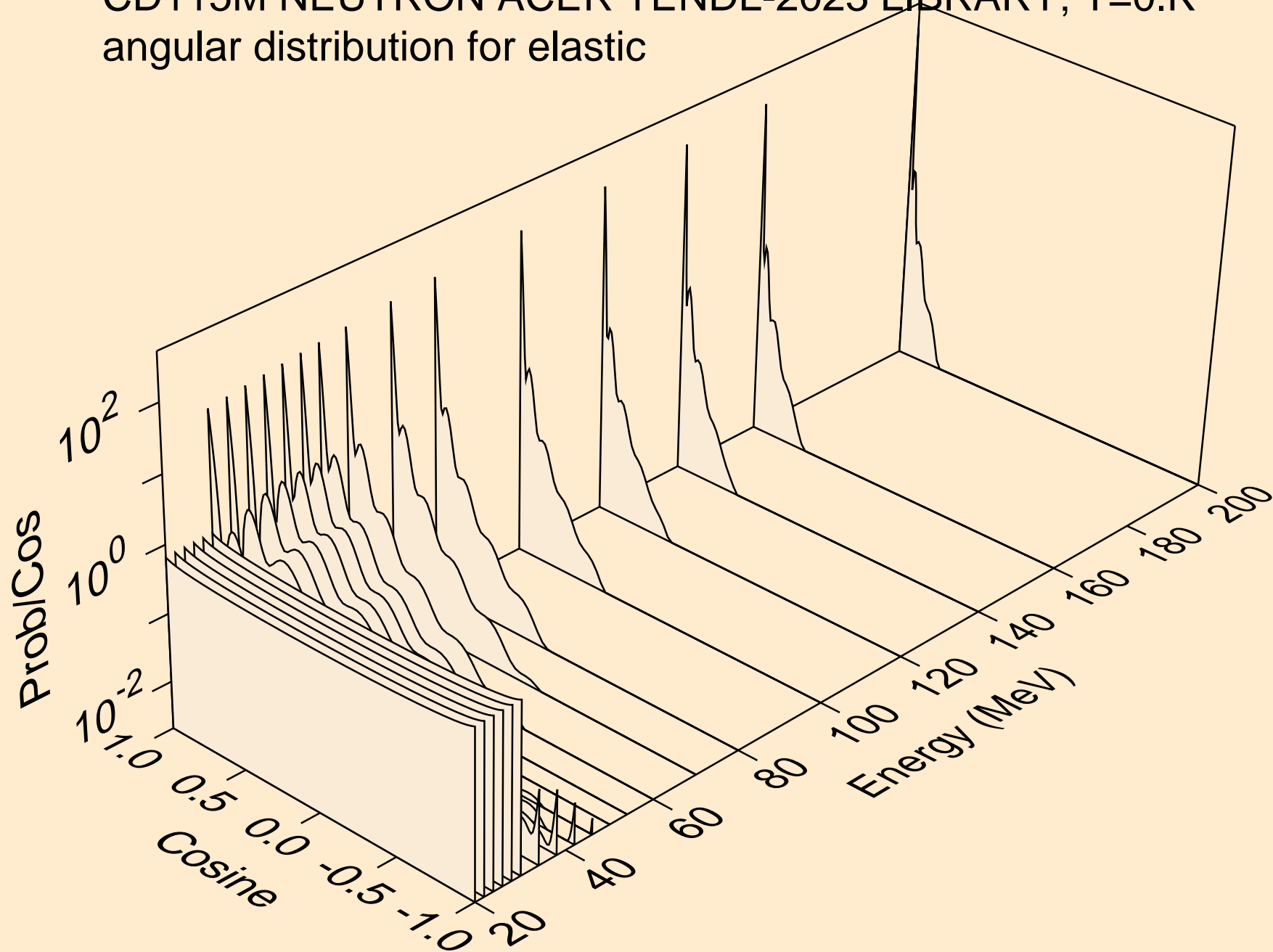
## Threshold reactions



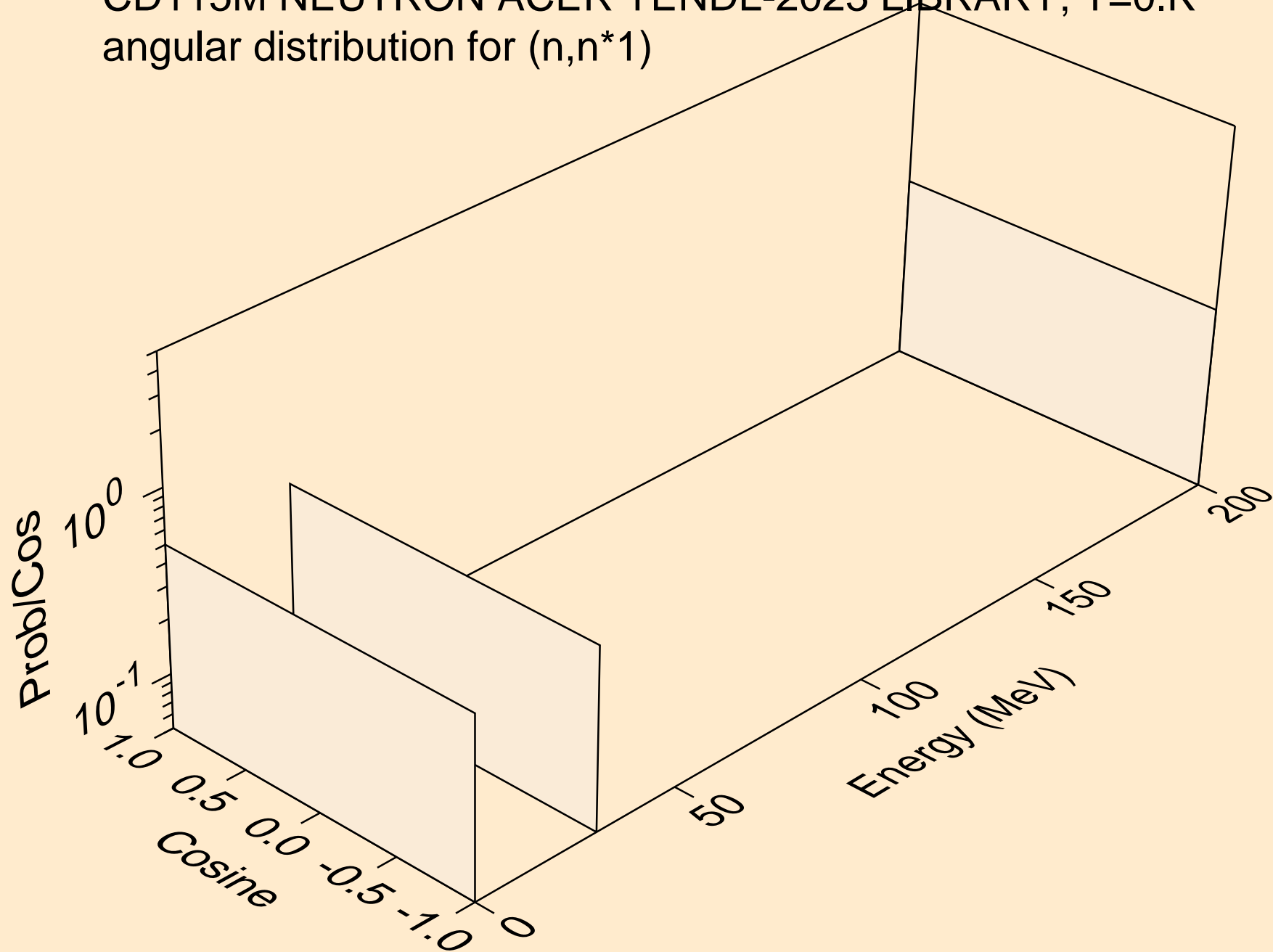
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



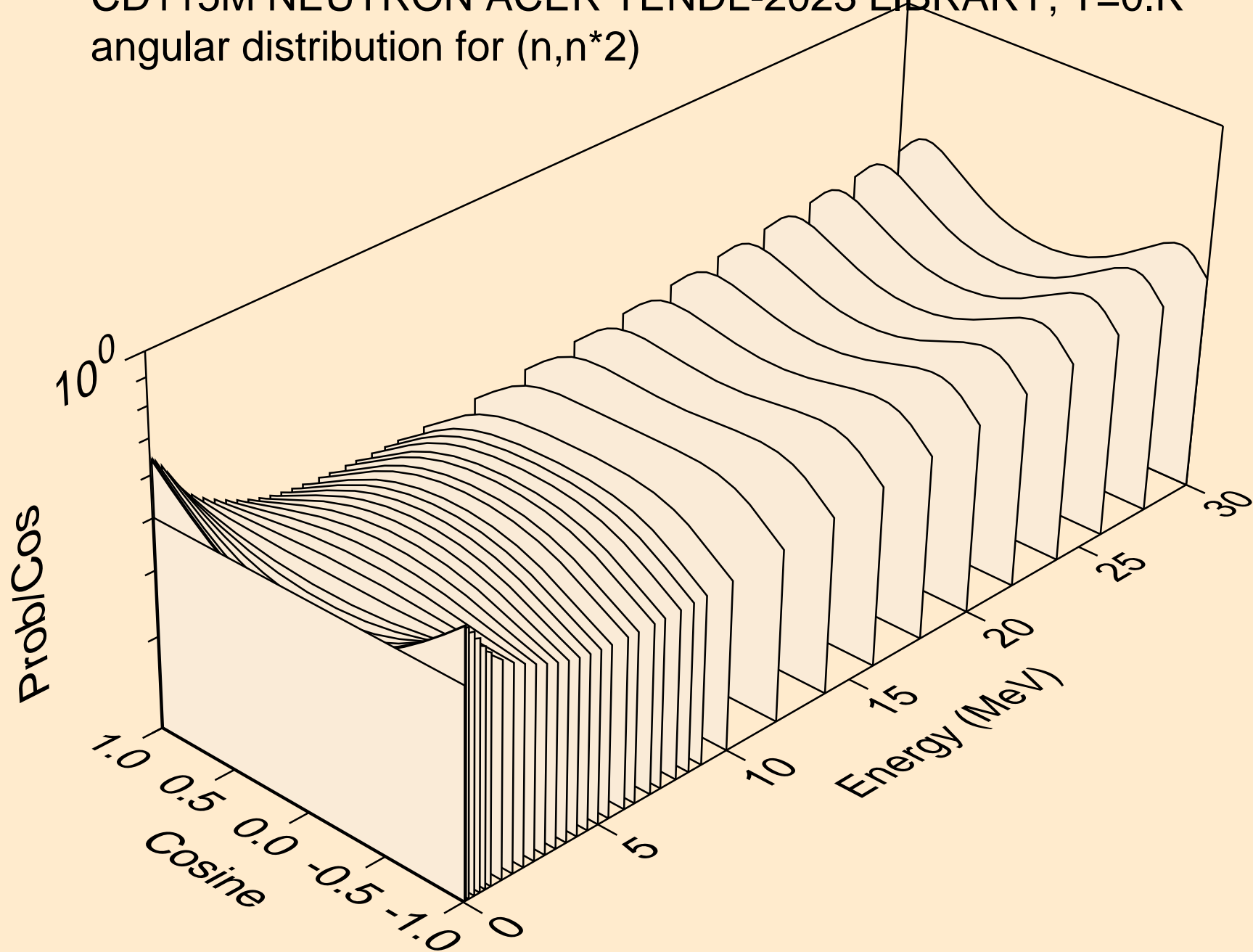
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



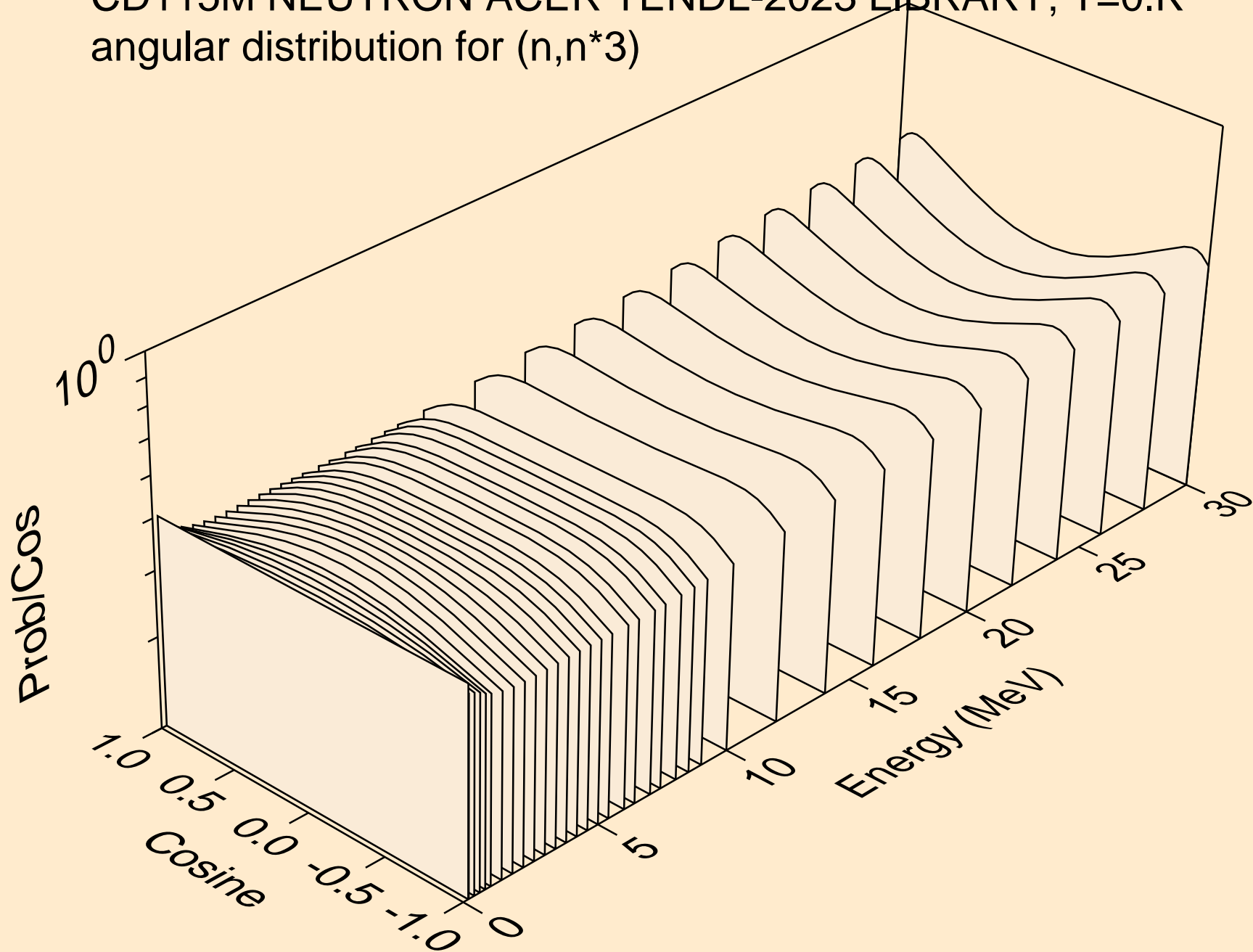
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angular distribution for (n,n\*1)



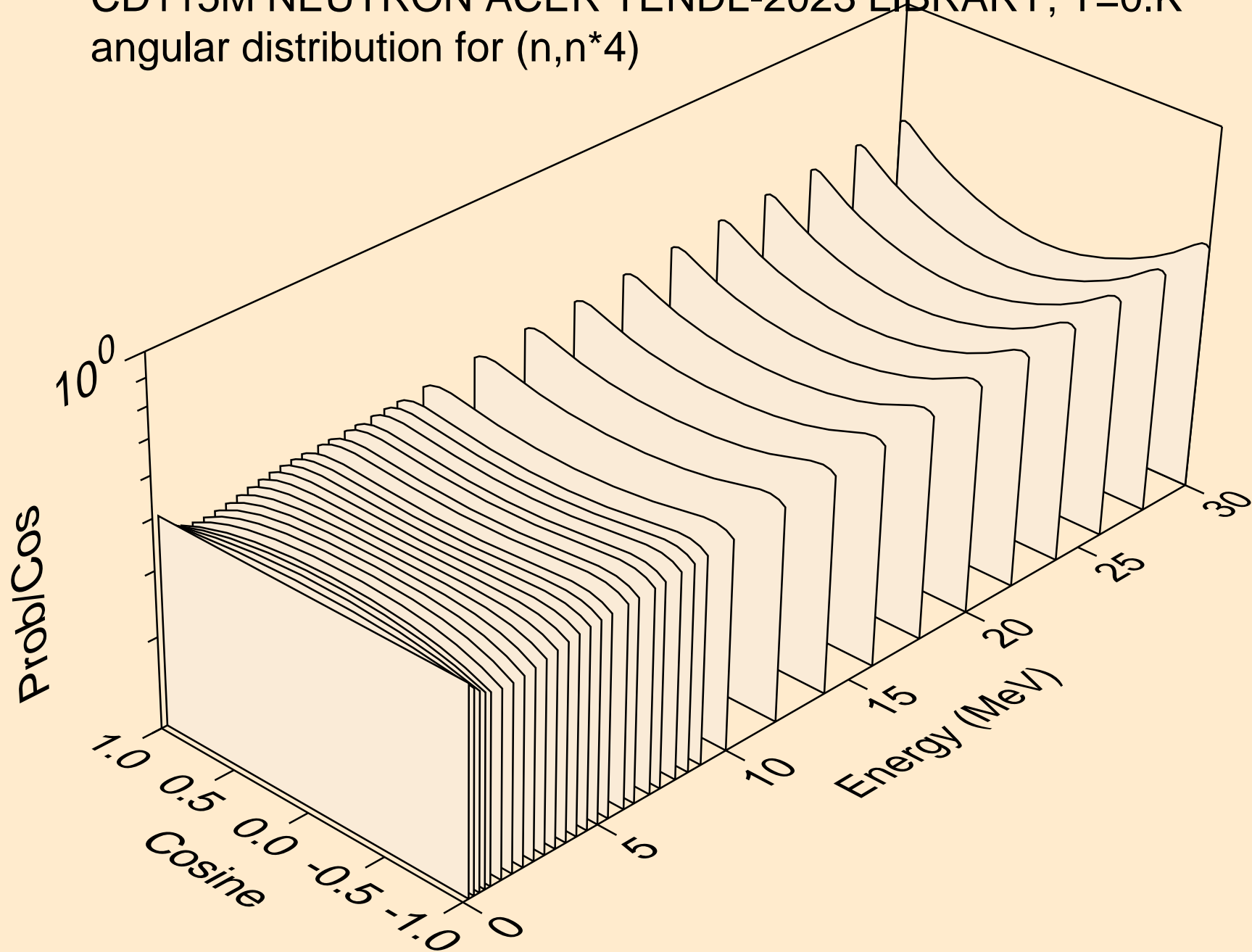
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

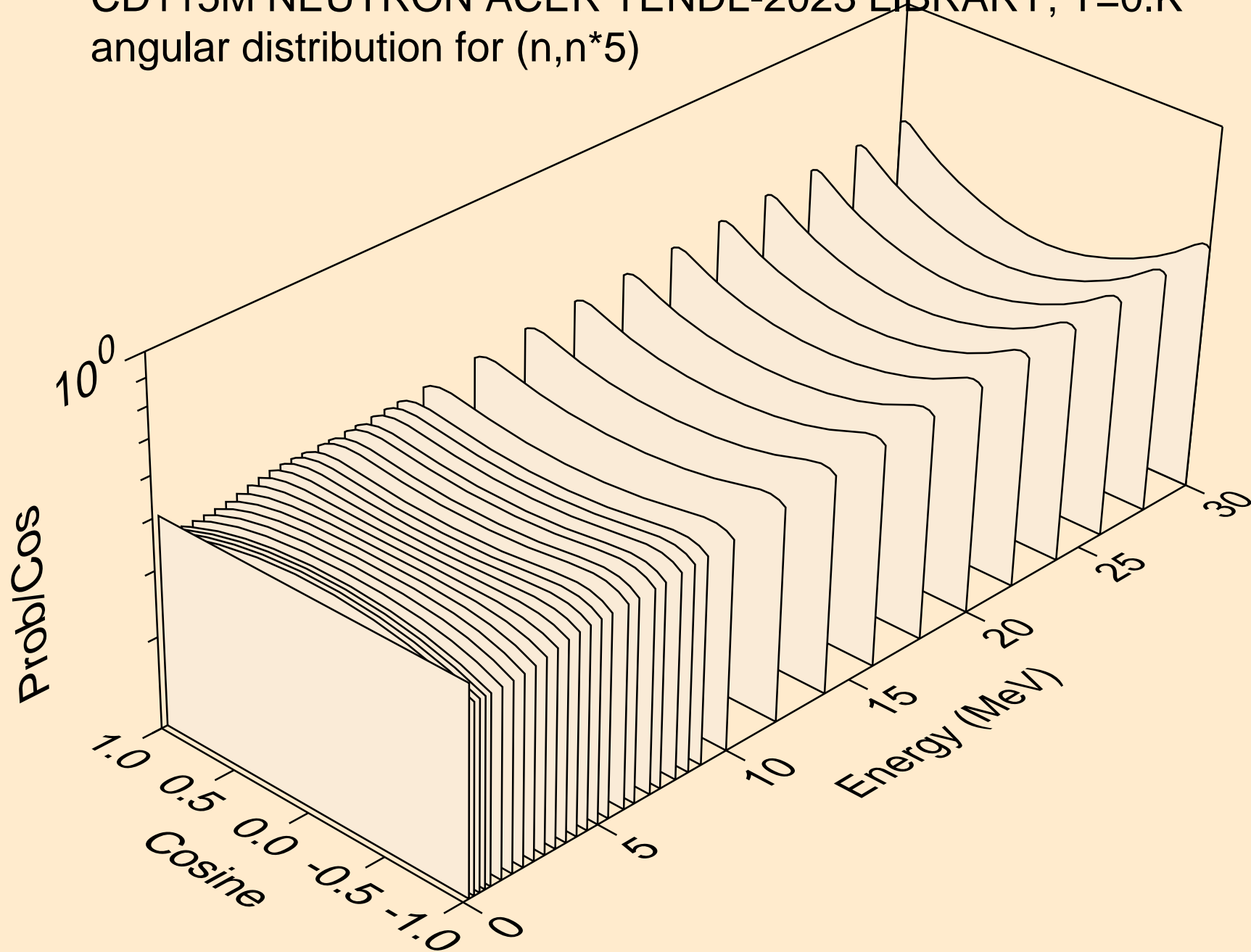


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

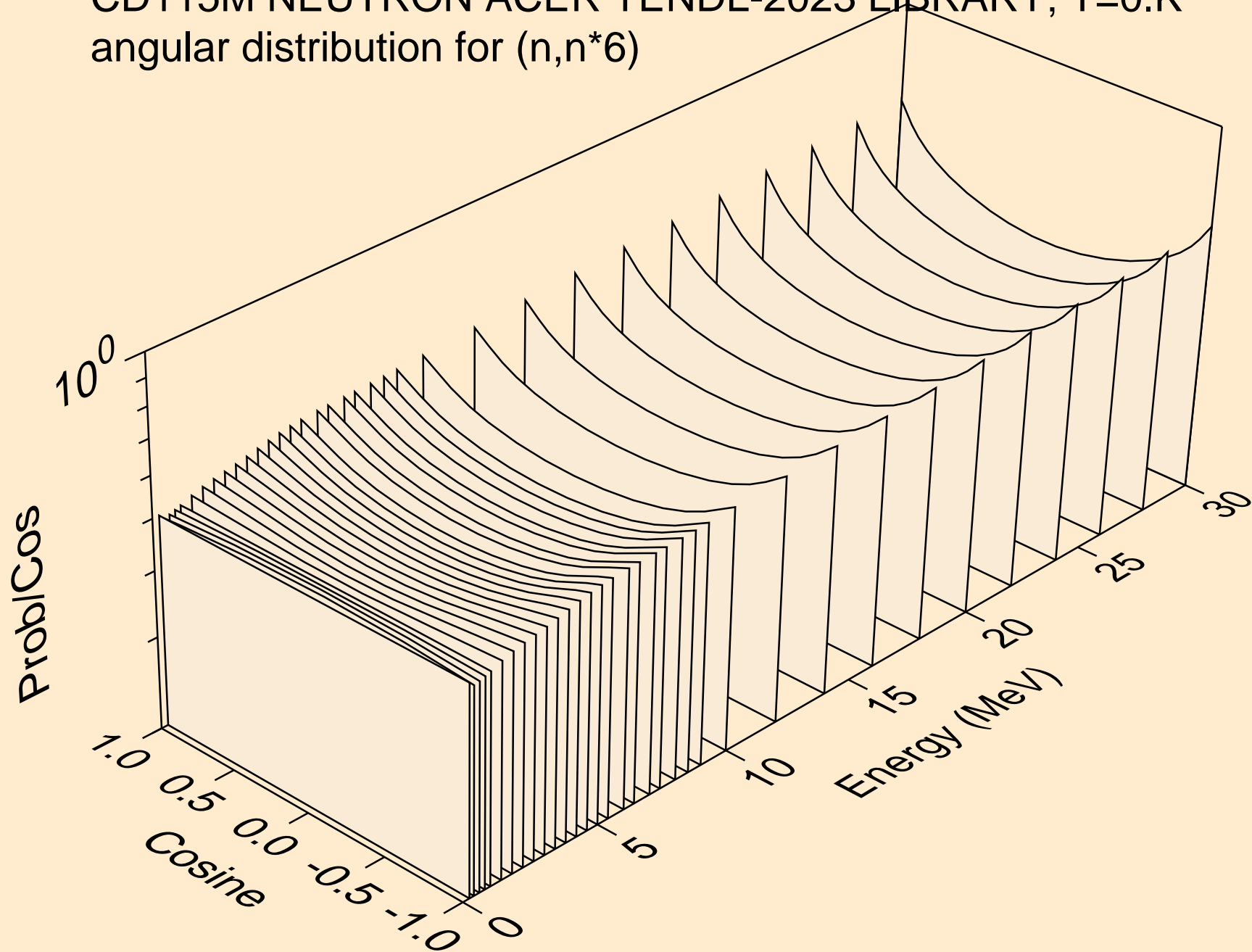




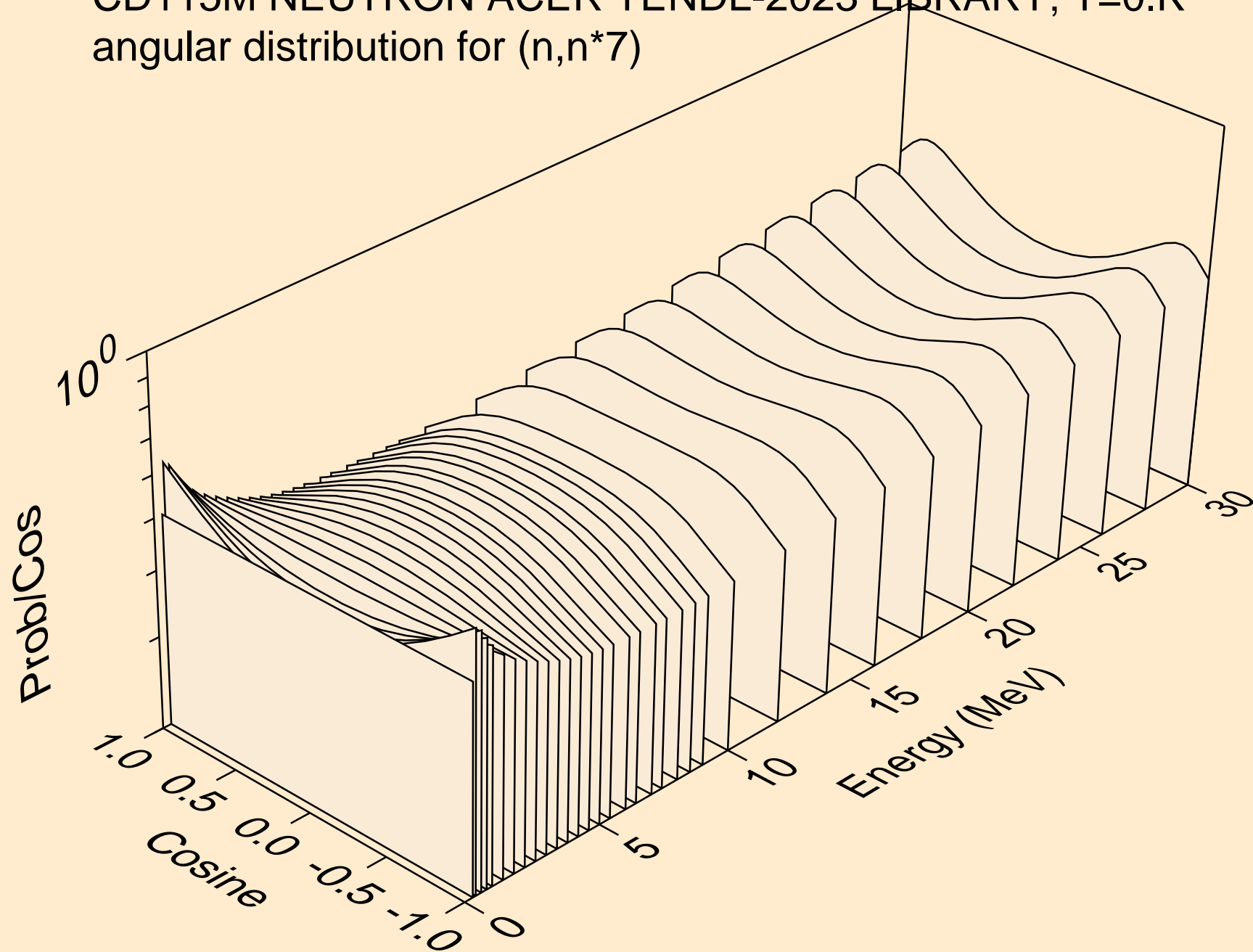
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angular distribution for (n,n\*5)



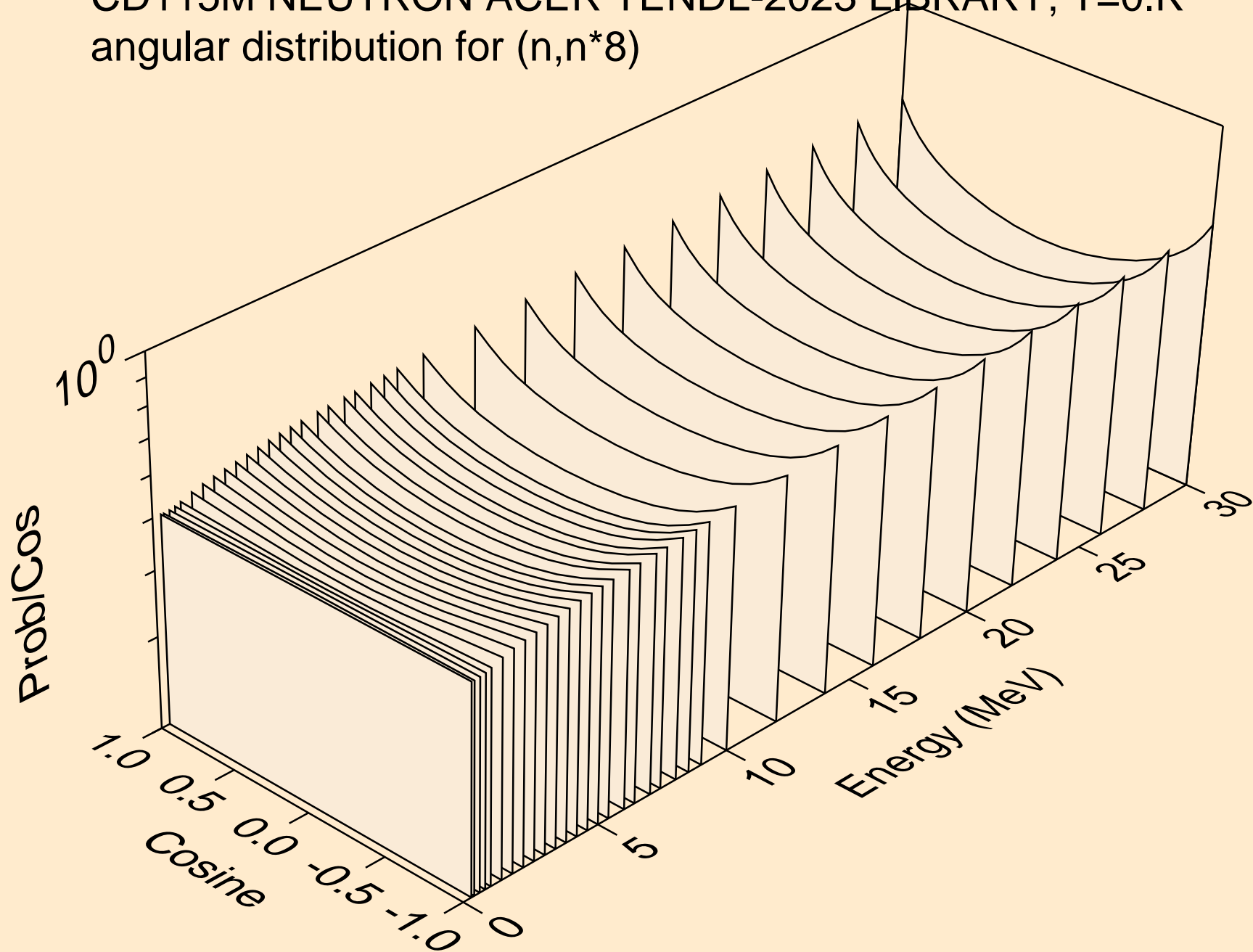
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angular distribution for (n,n\*6)



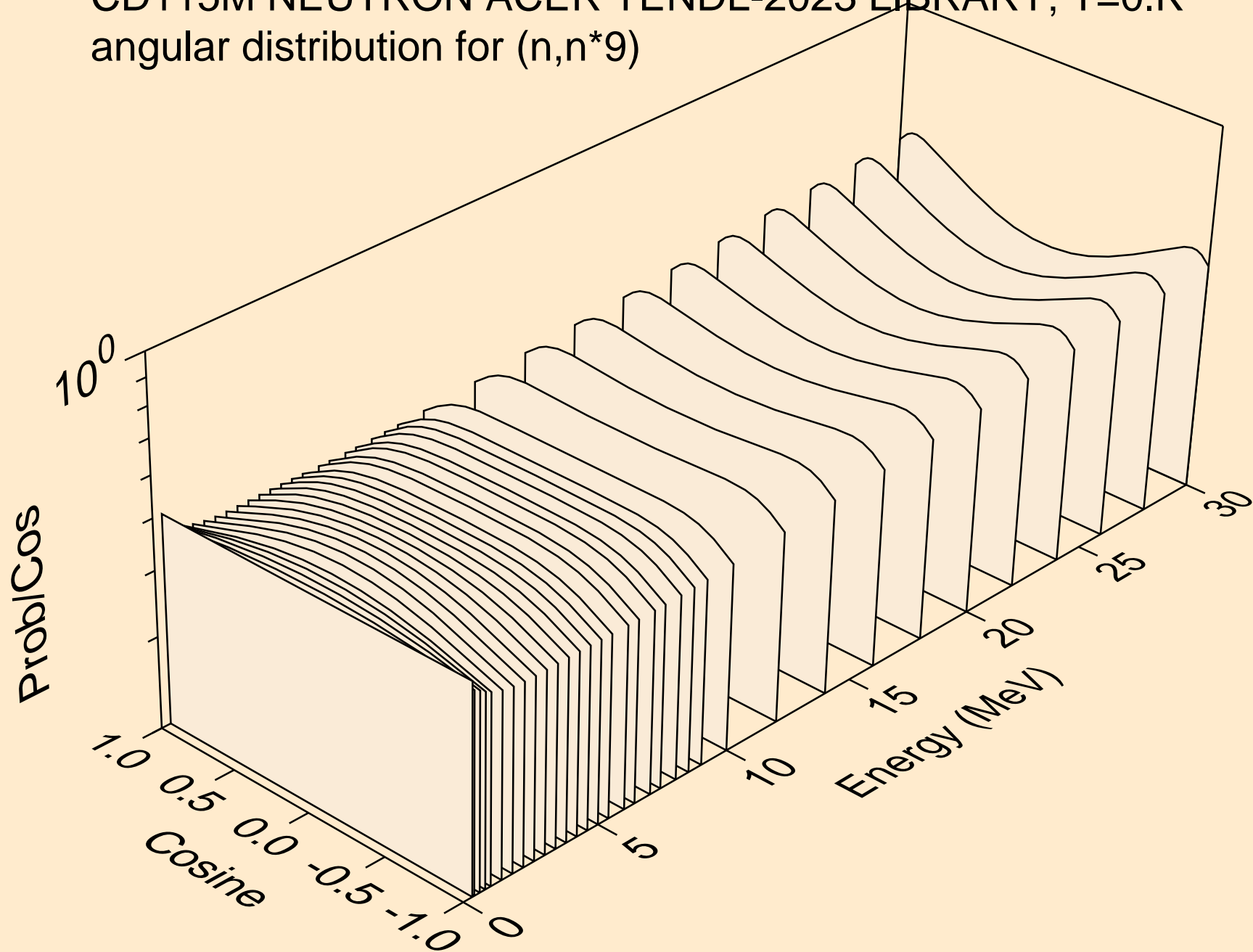
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angular distribution for (n,n\*7)



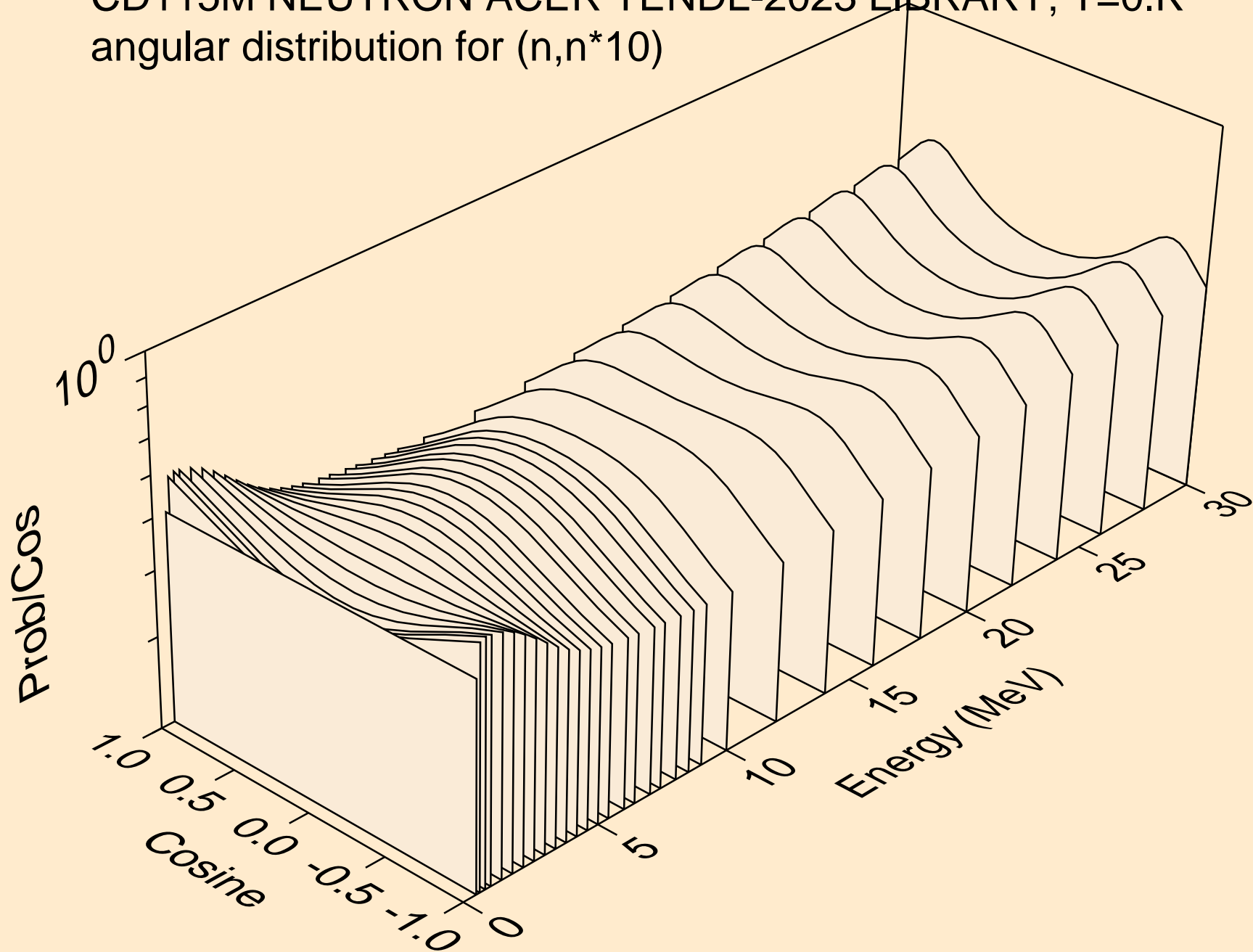
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angular distribution for (n,n\*8)



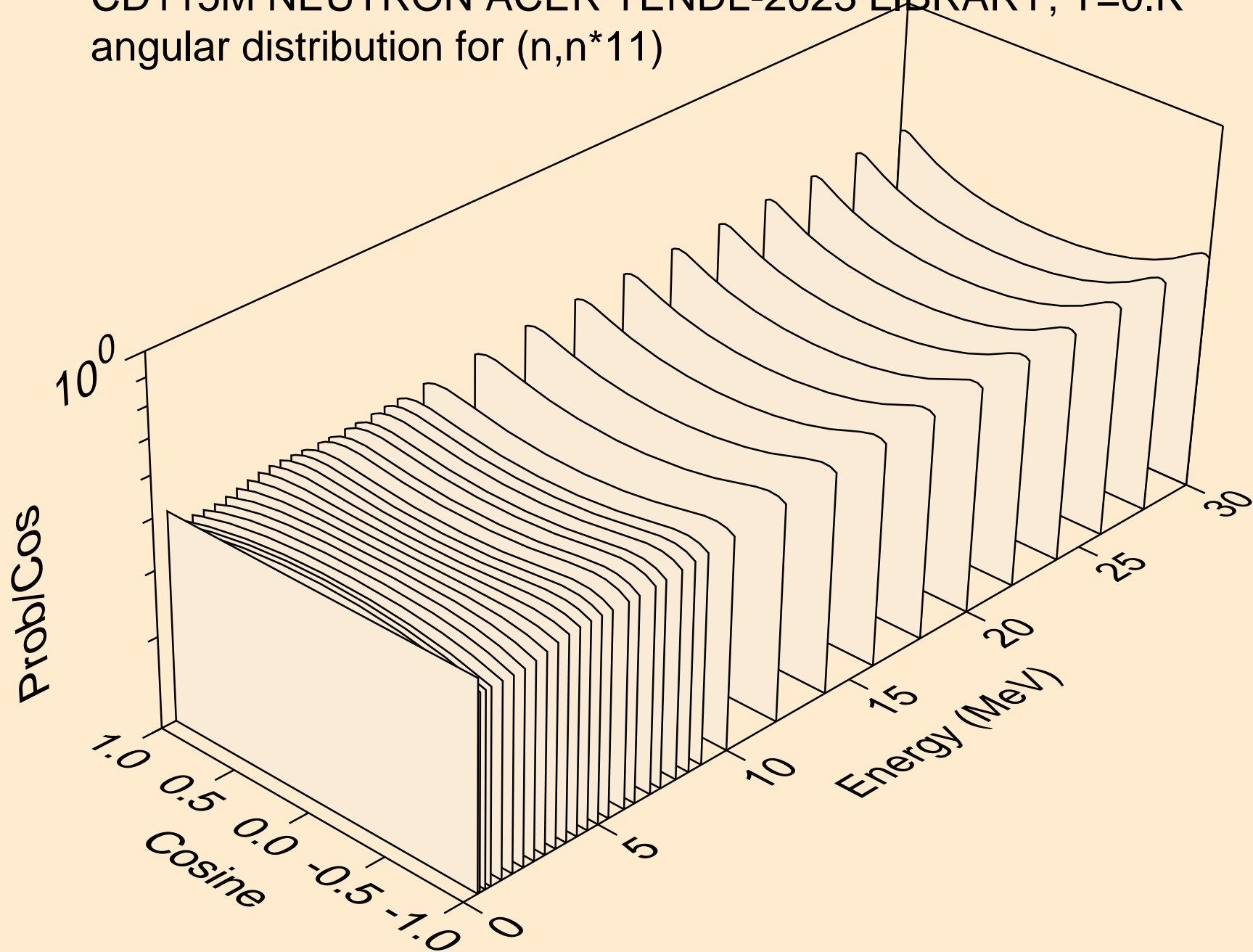
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angular distribution for (n,n\*9)



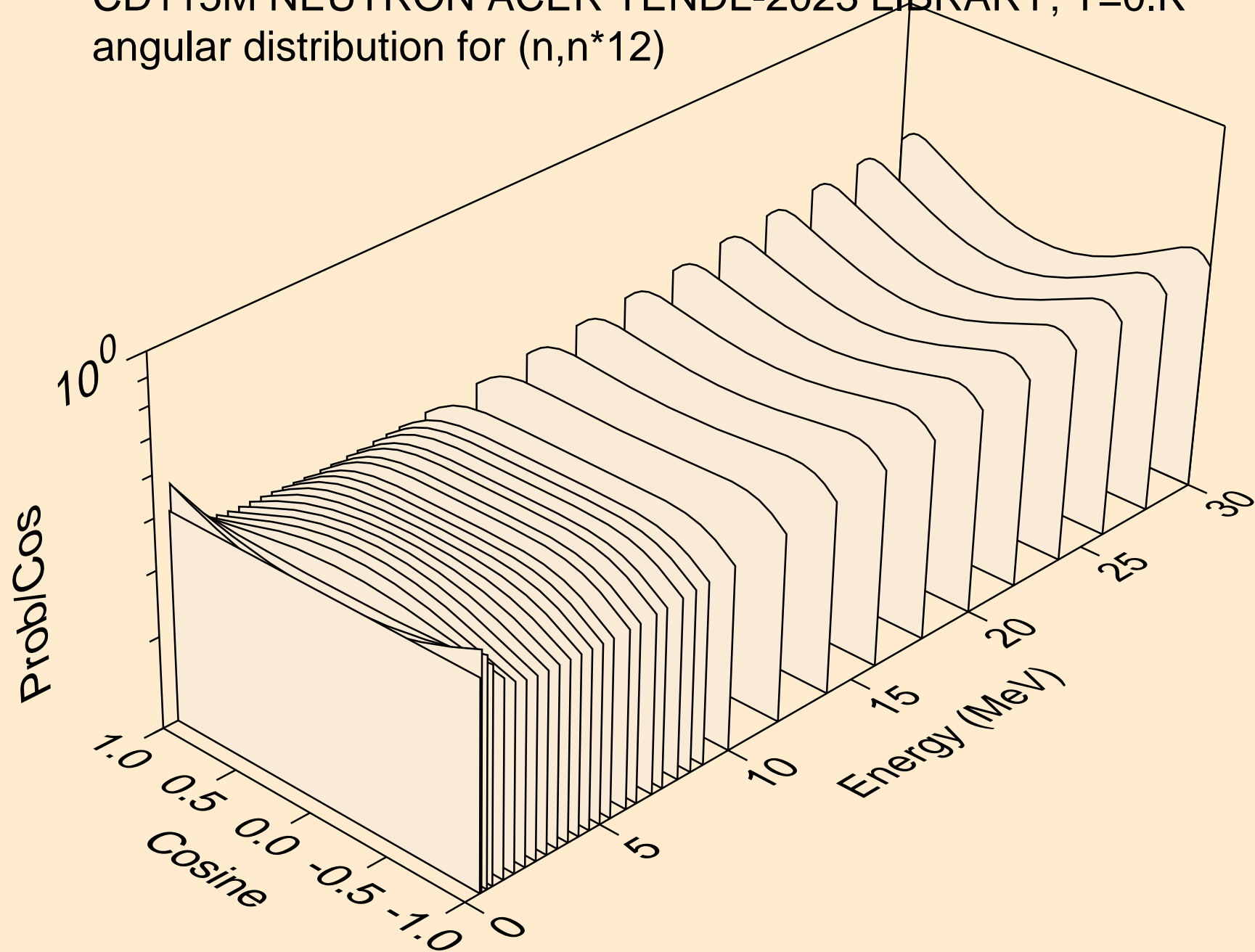
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

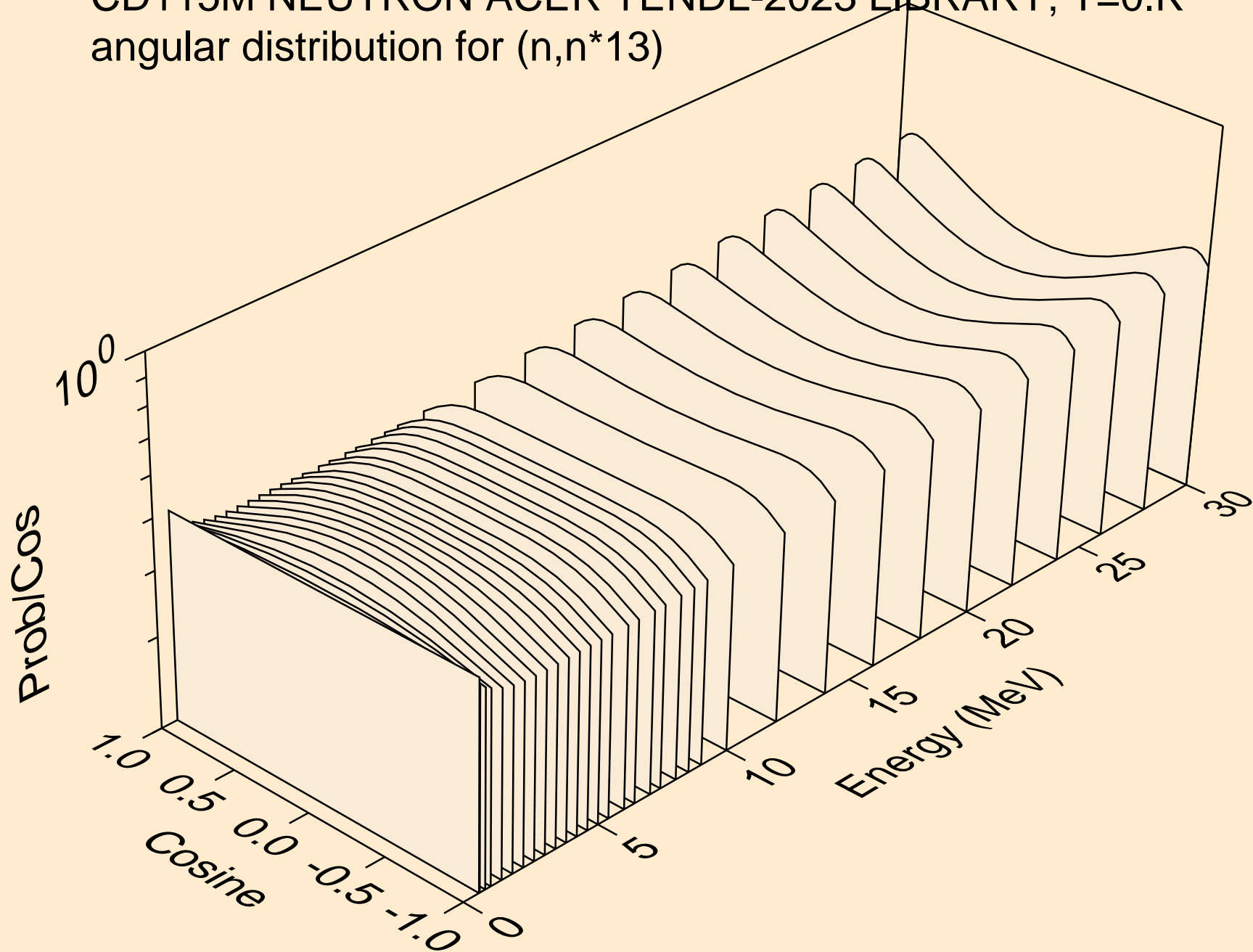


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angular distribution for (n,n\*12)

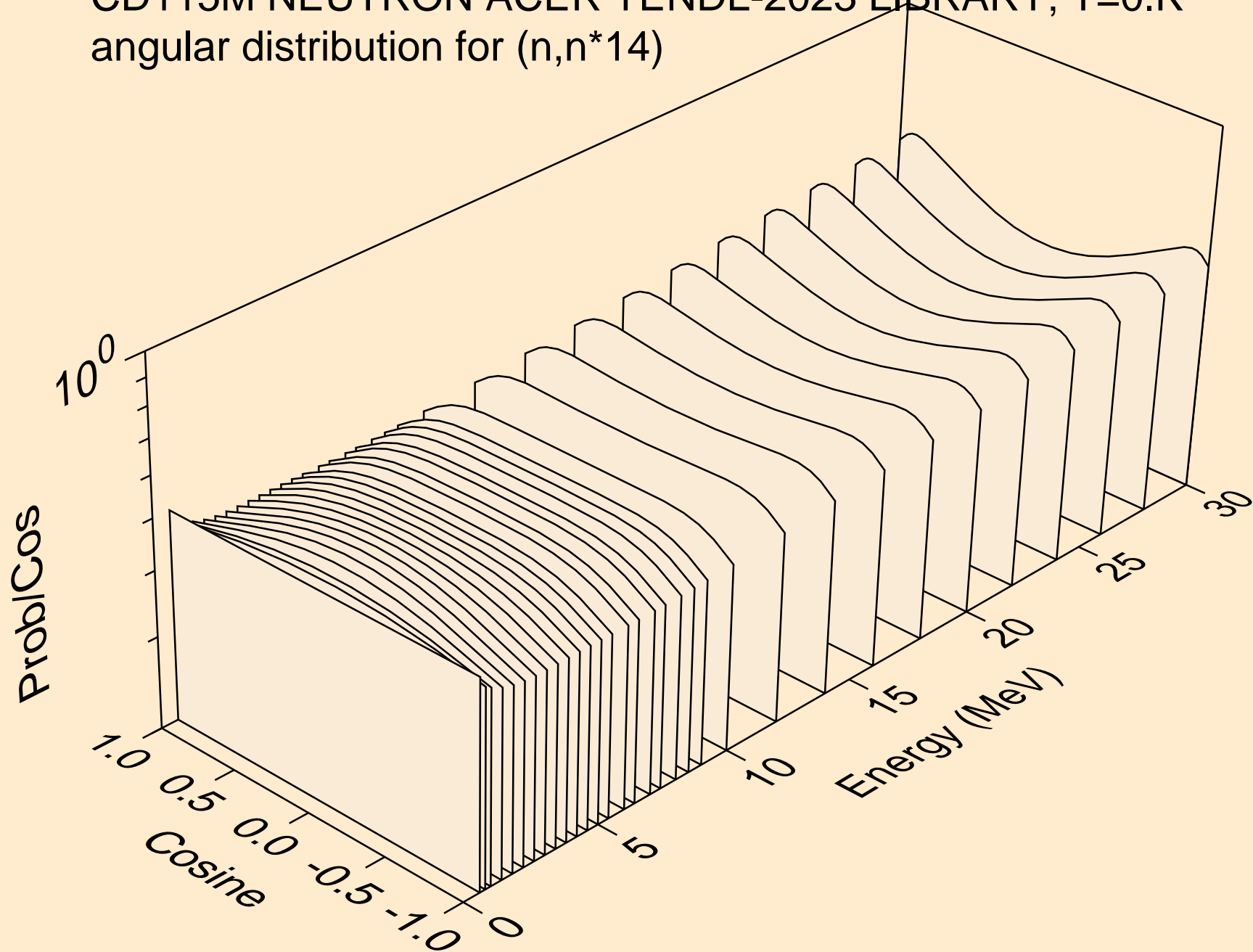




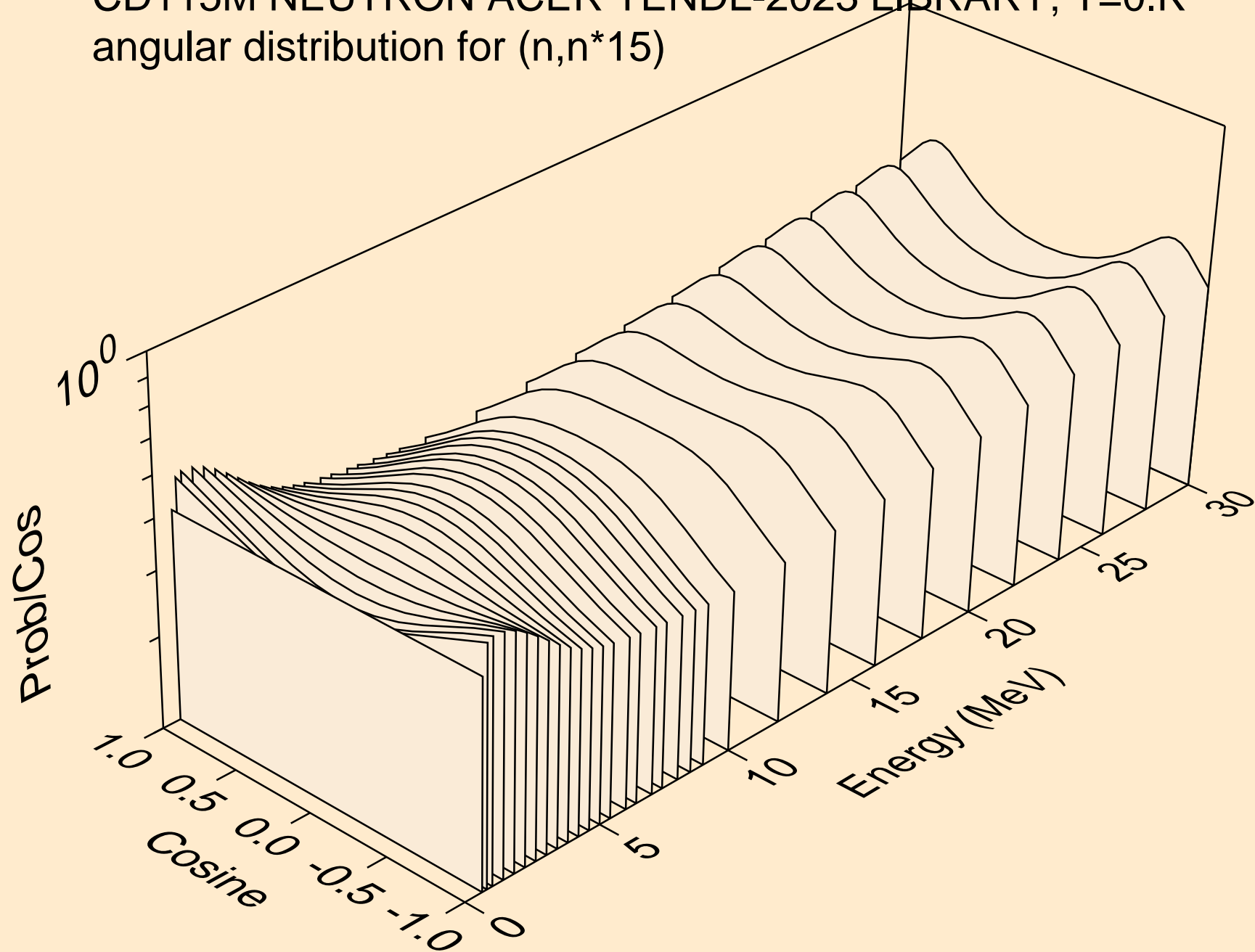
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angular distribution for (n,n\*13)



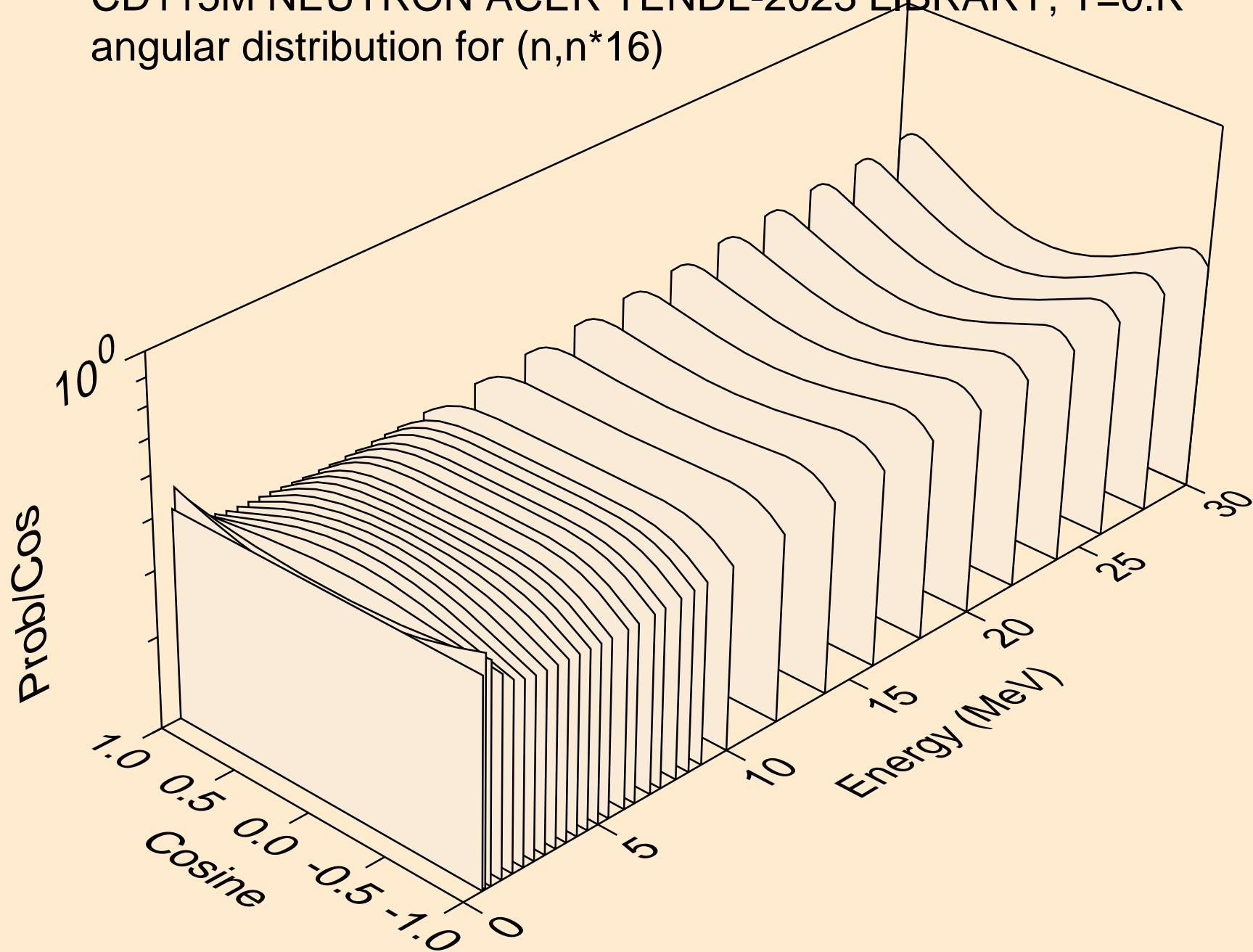
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angular distribution for (n,n\*14)



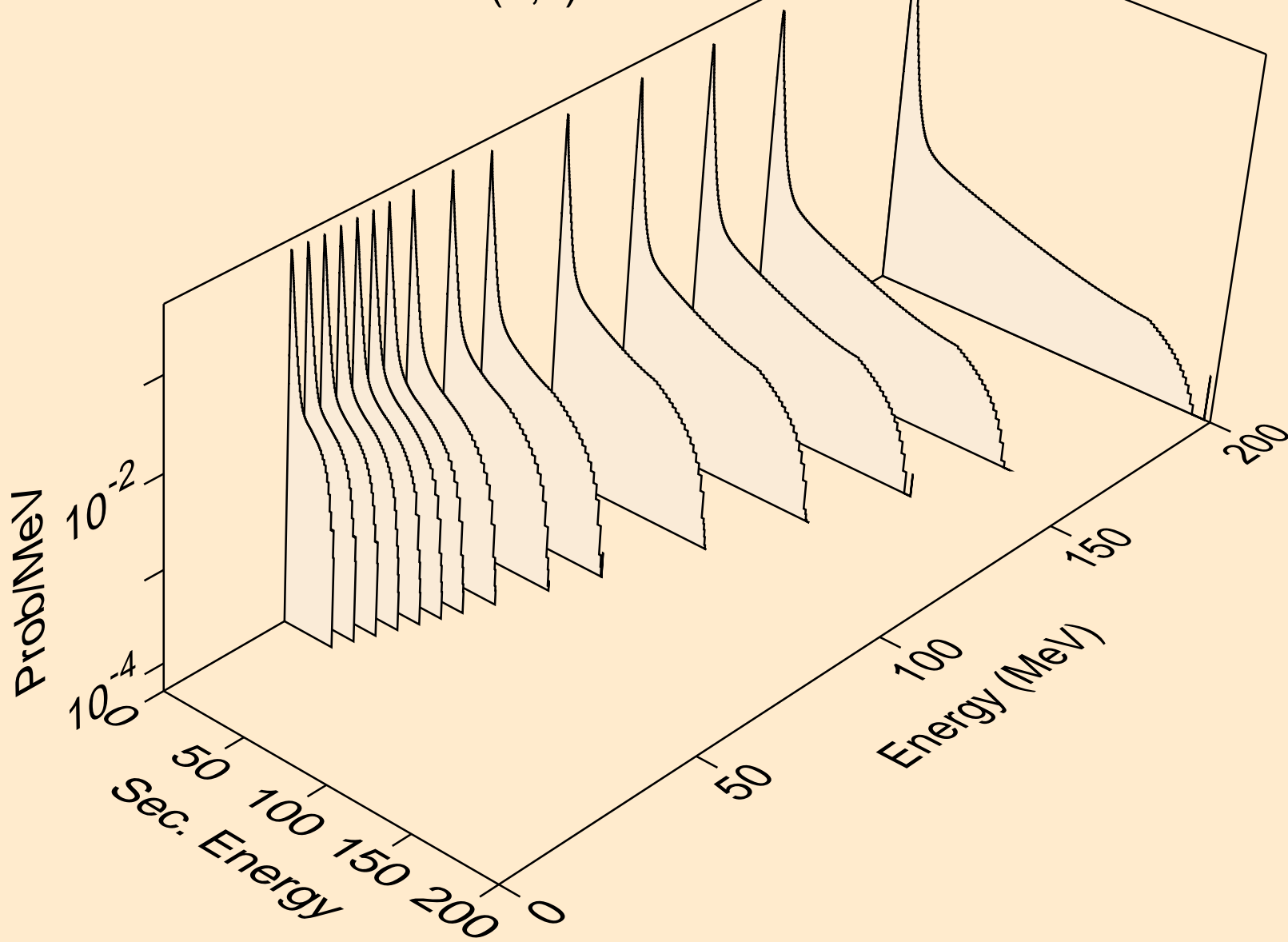
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angular distribution for (n,n\*15)



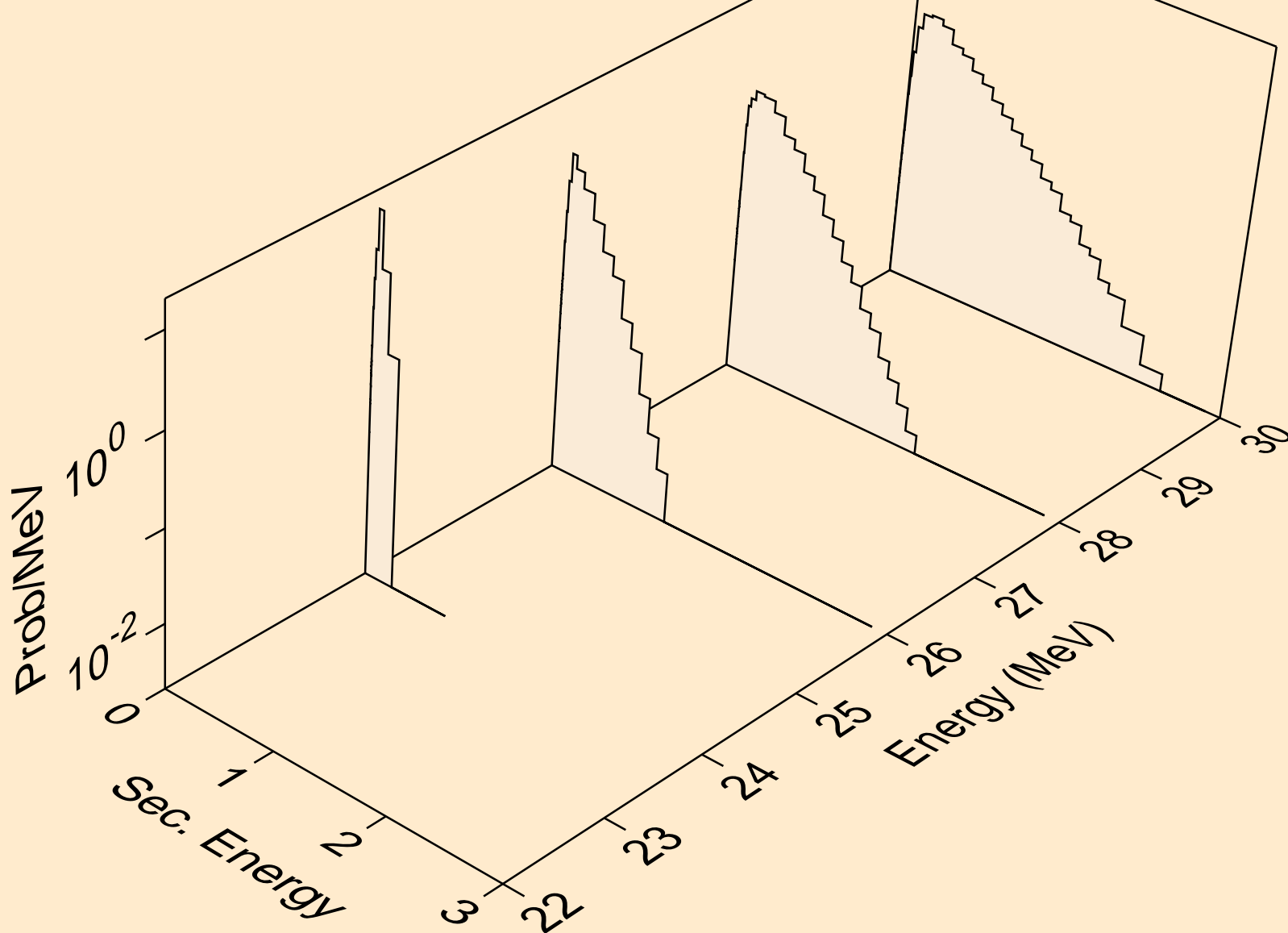
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angular distribution for (n,n\*16)



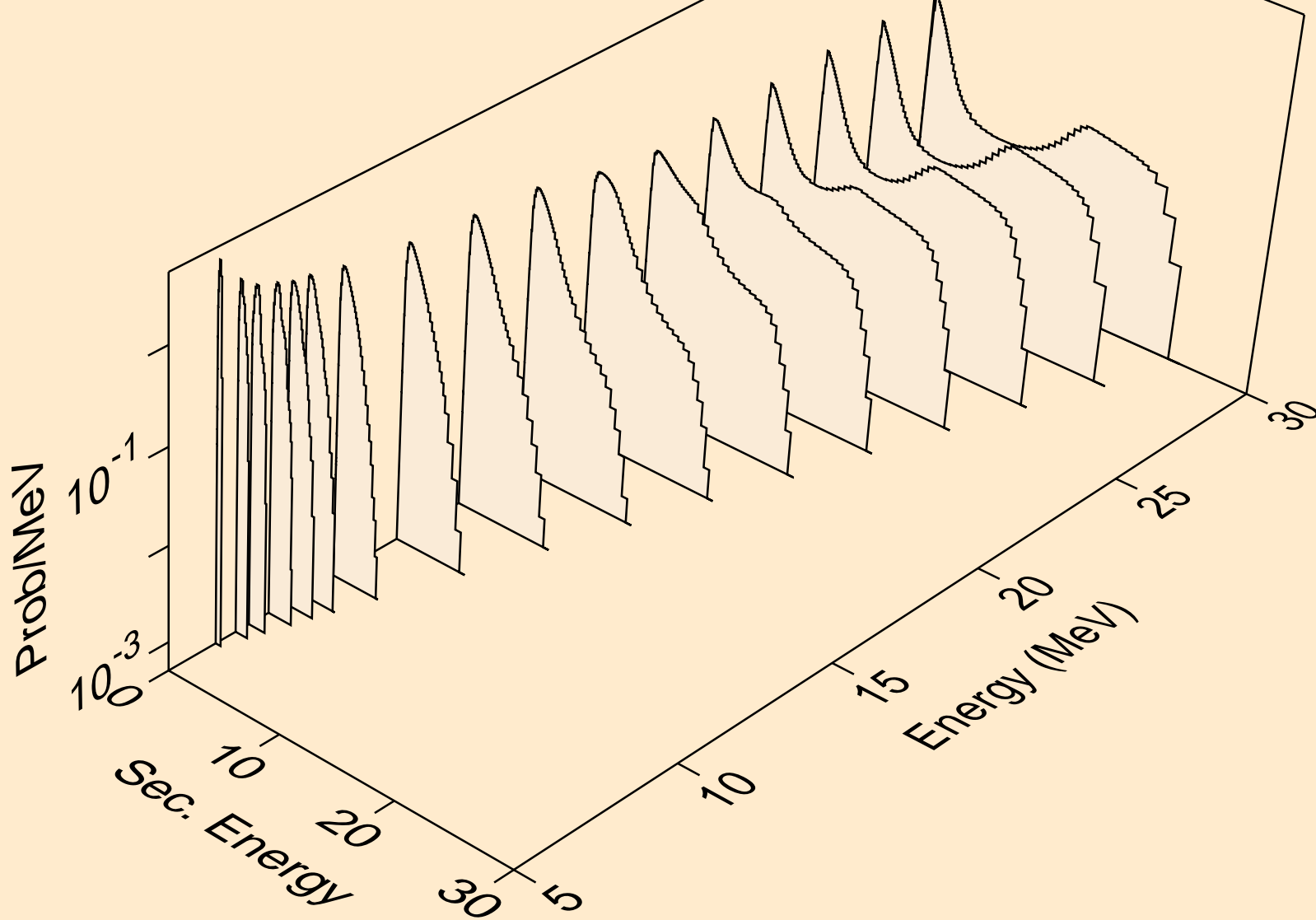
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



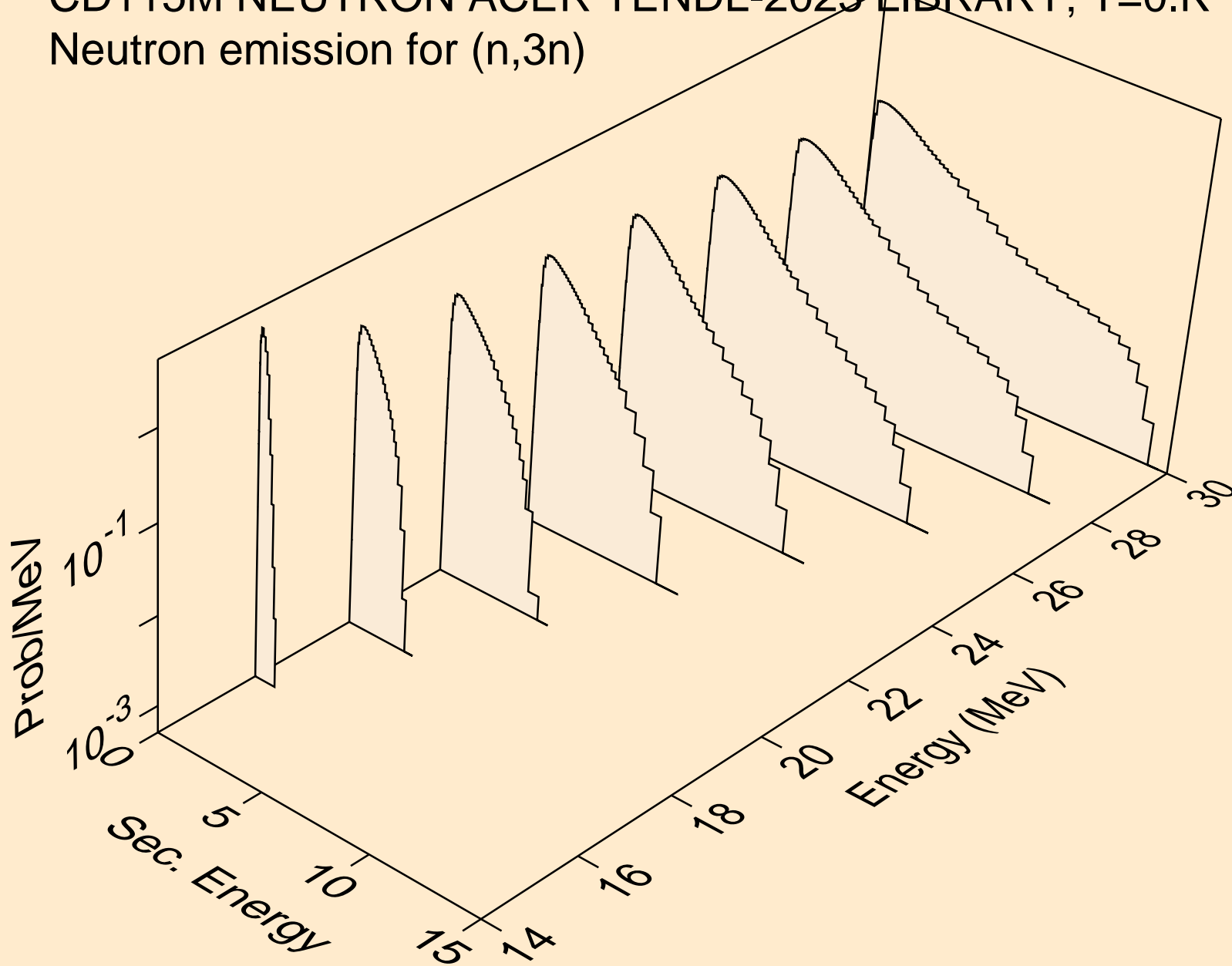
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

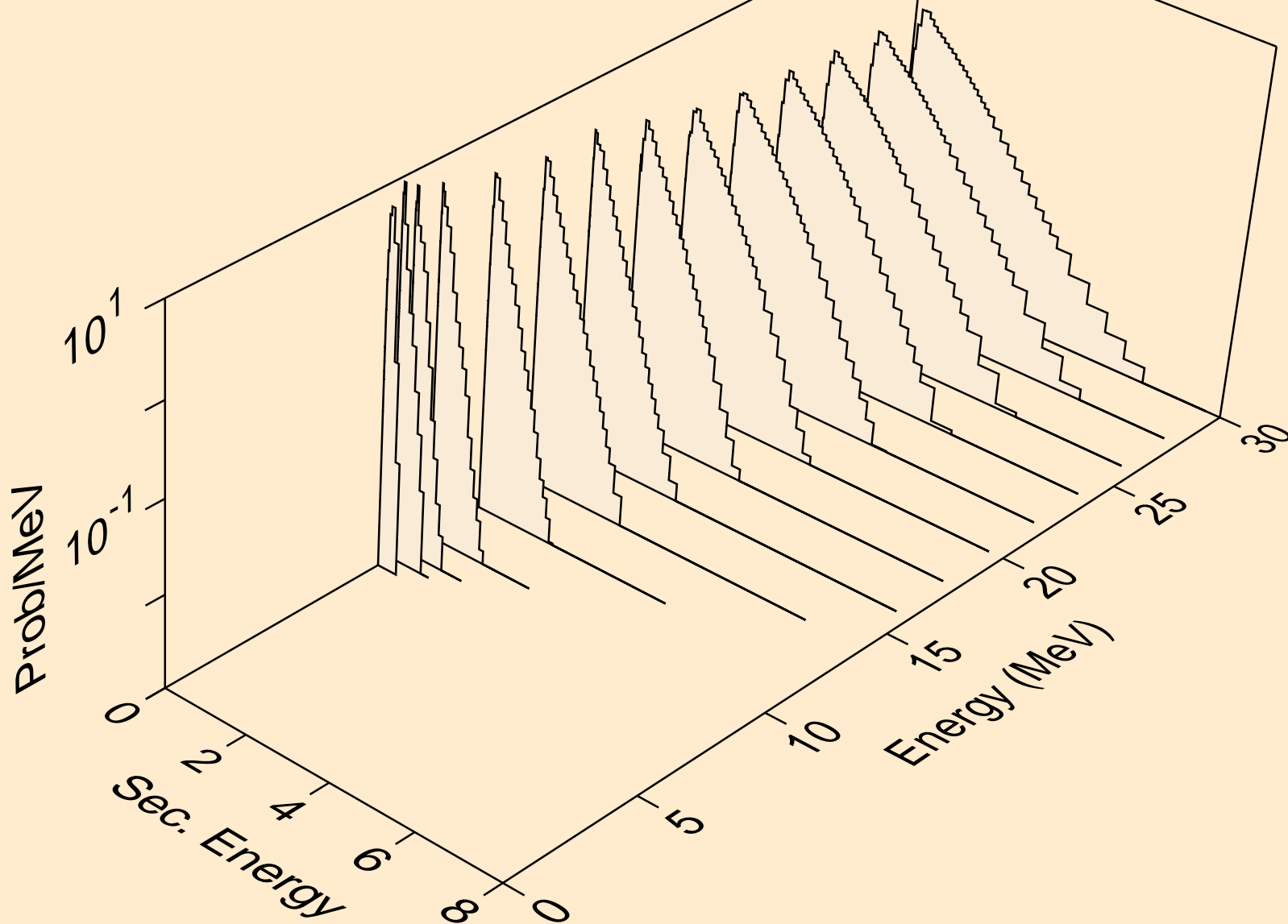


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

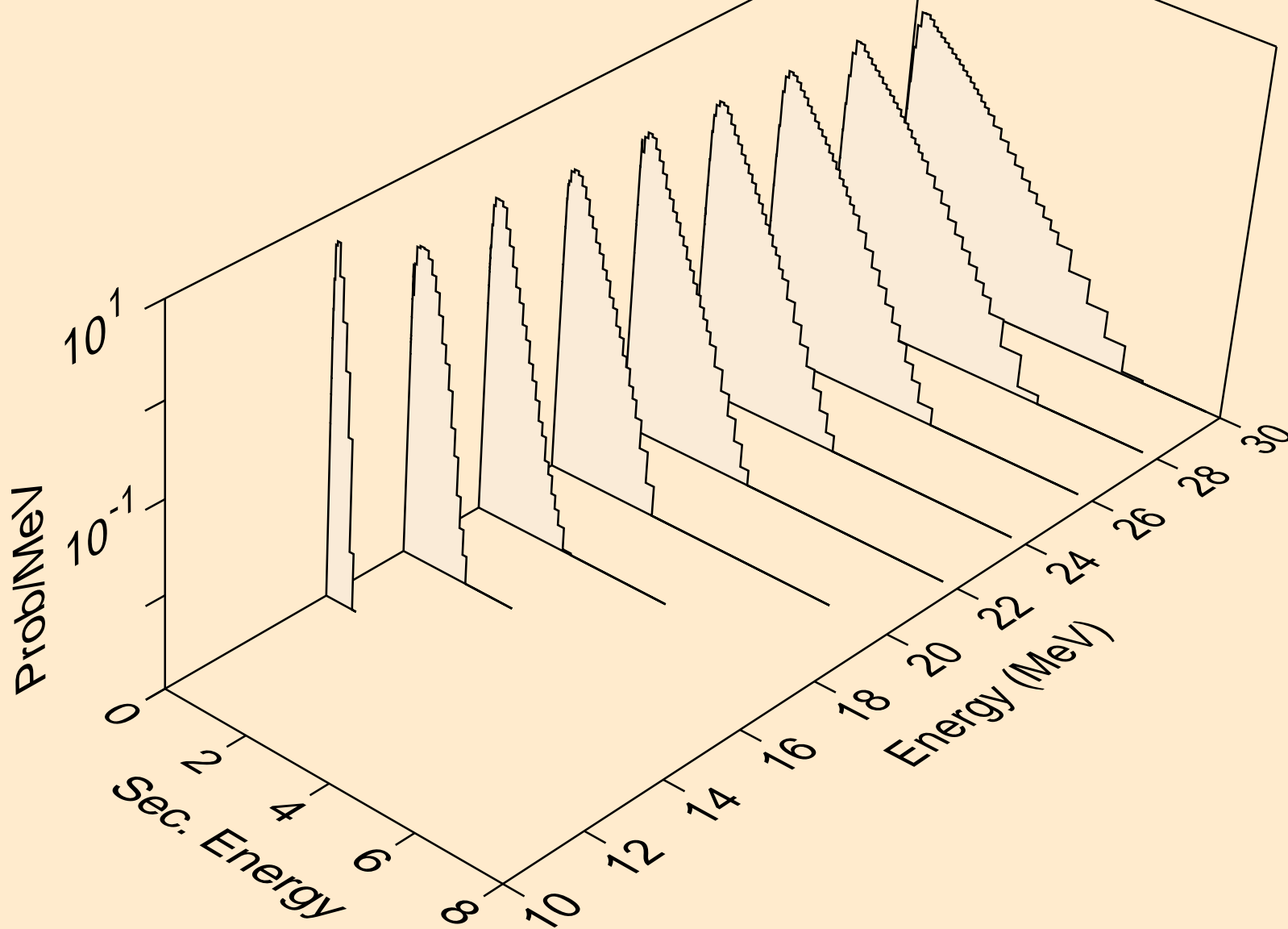




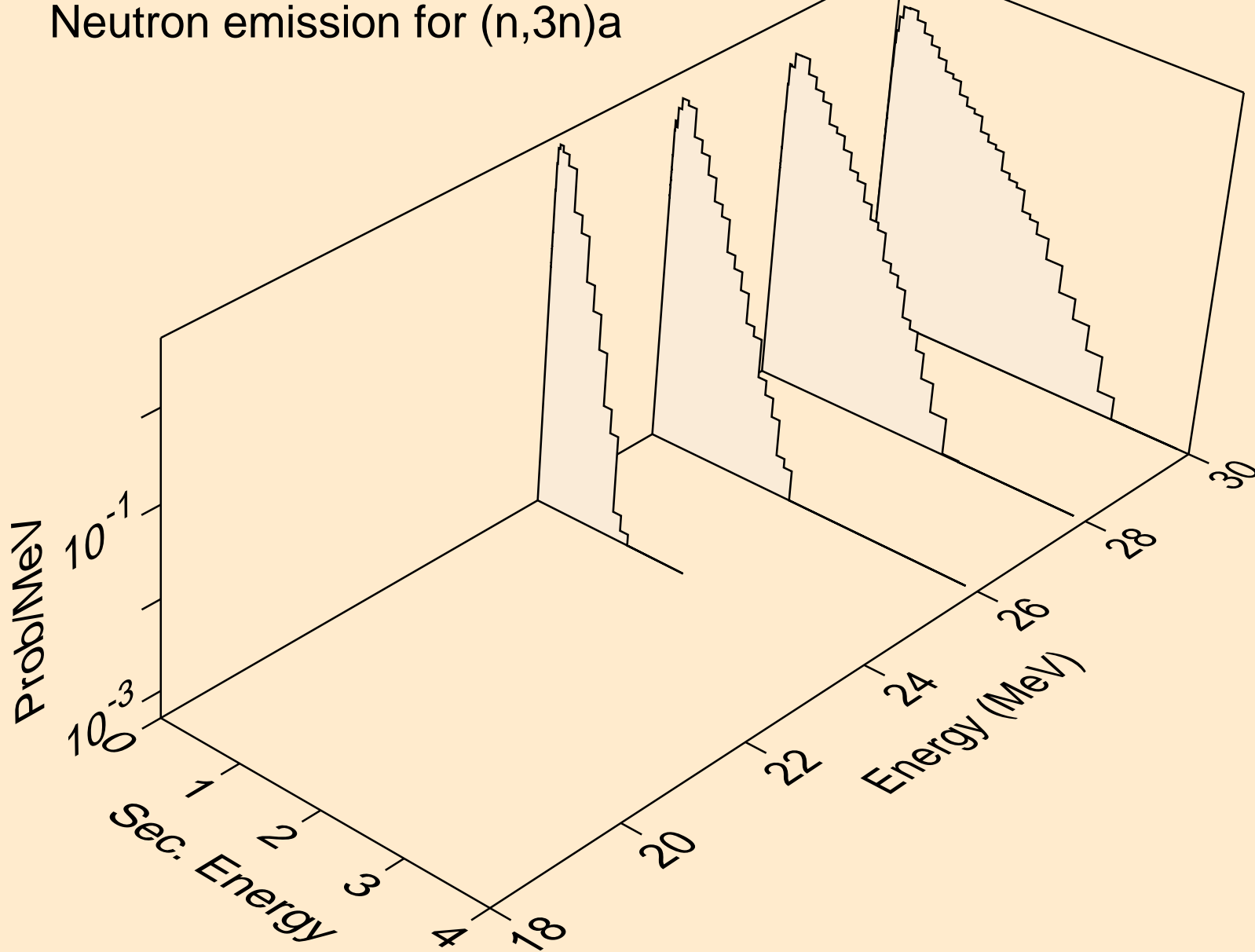
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



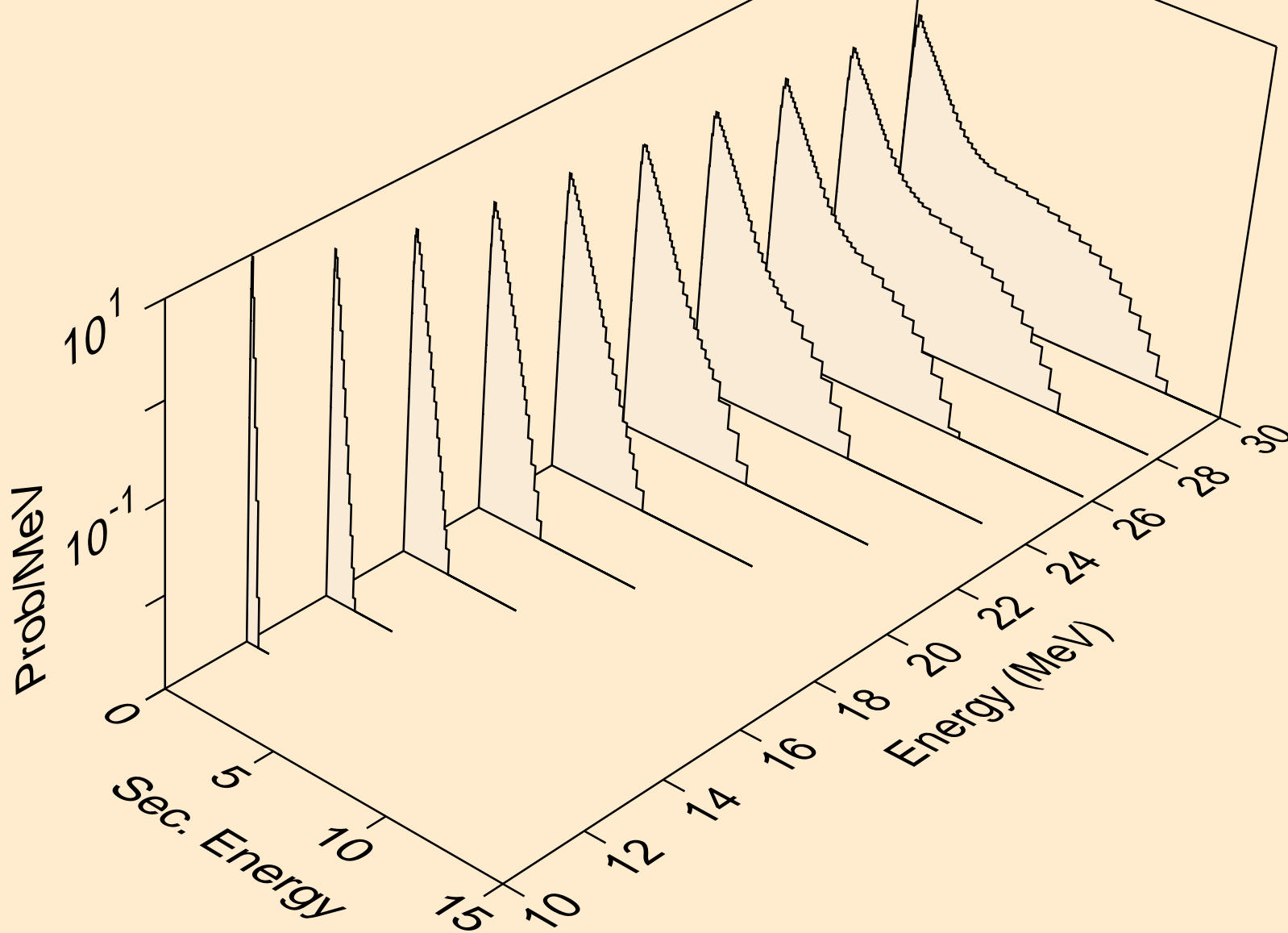
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Neutron emission for (n,2n)a



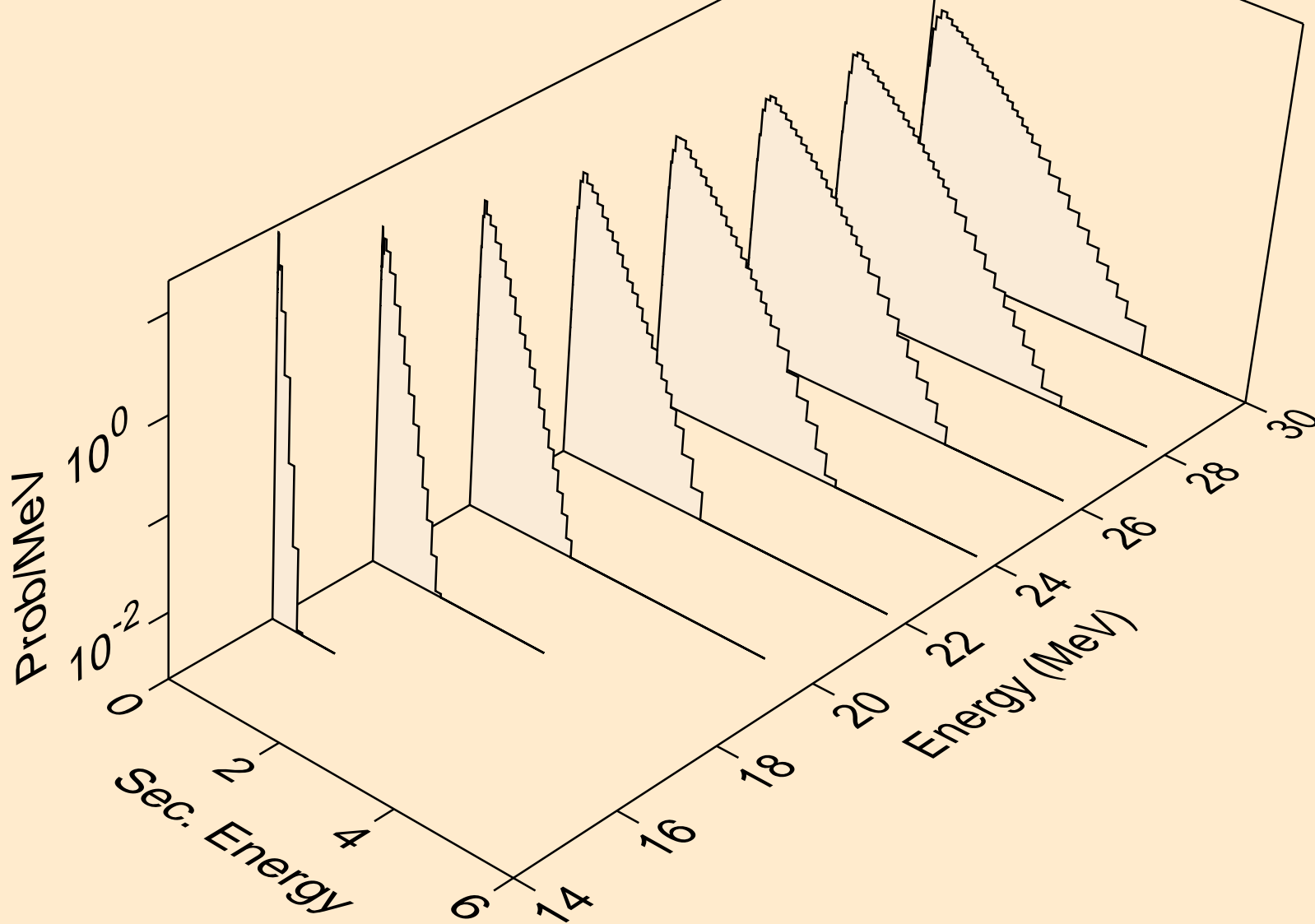
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Neutron emission for (n,3n)a



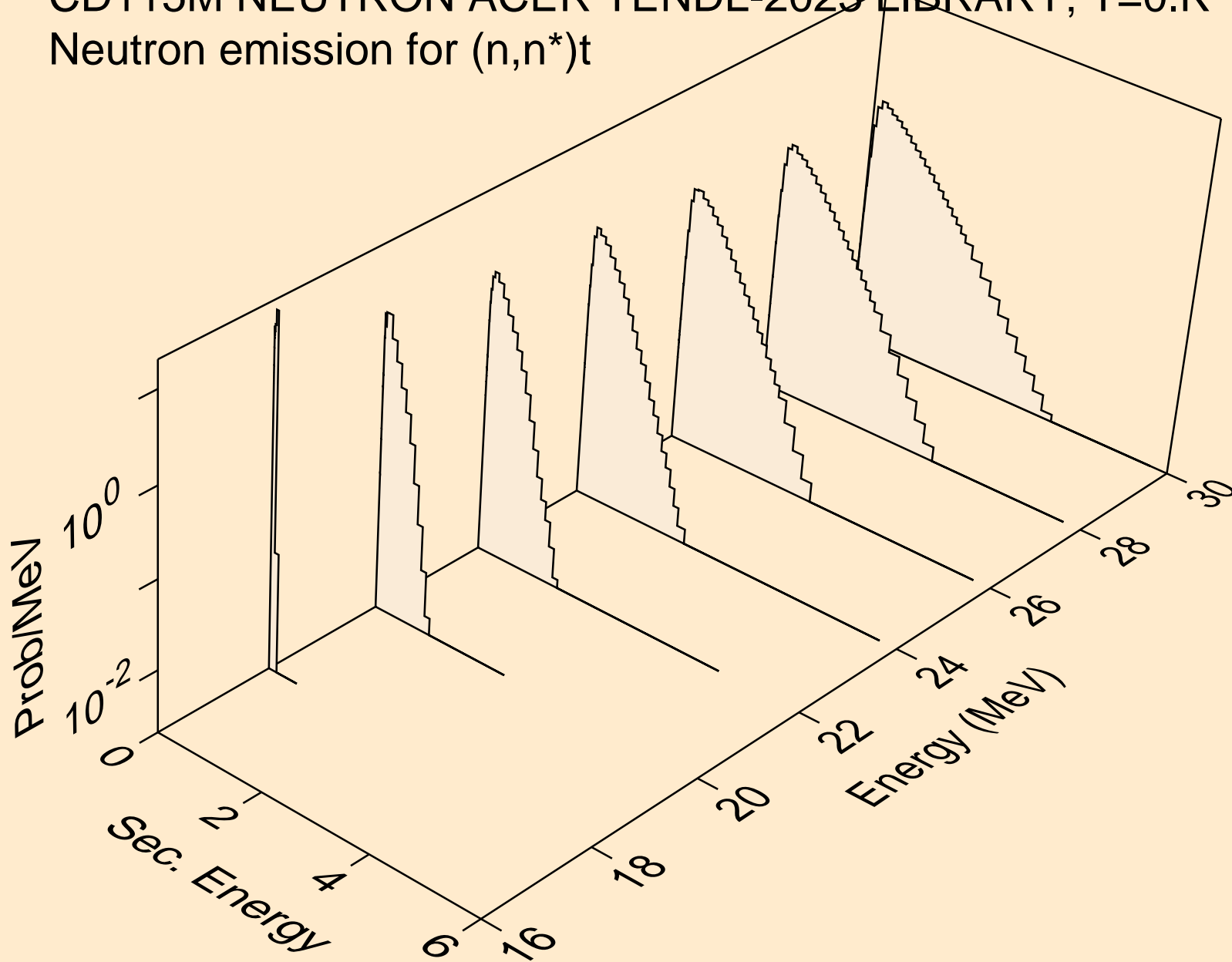
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Neutron emission for (n,n\*)p



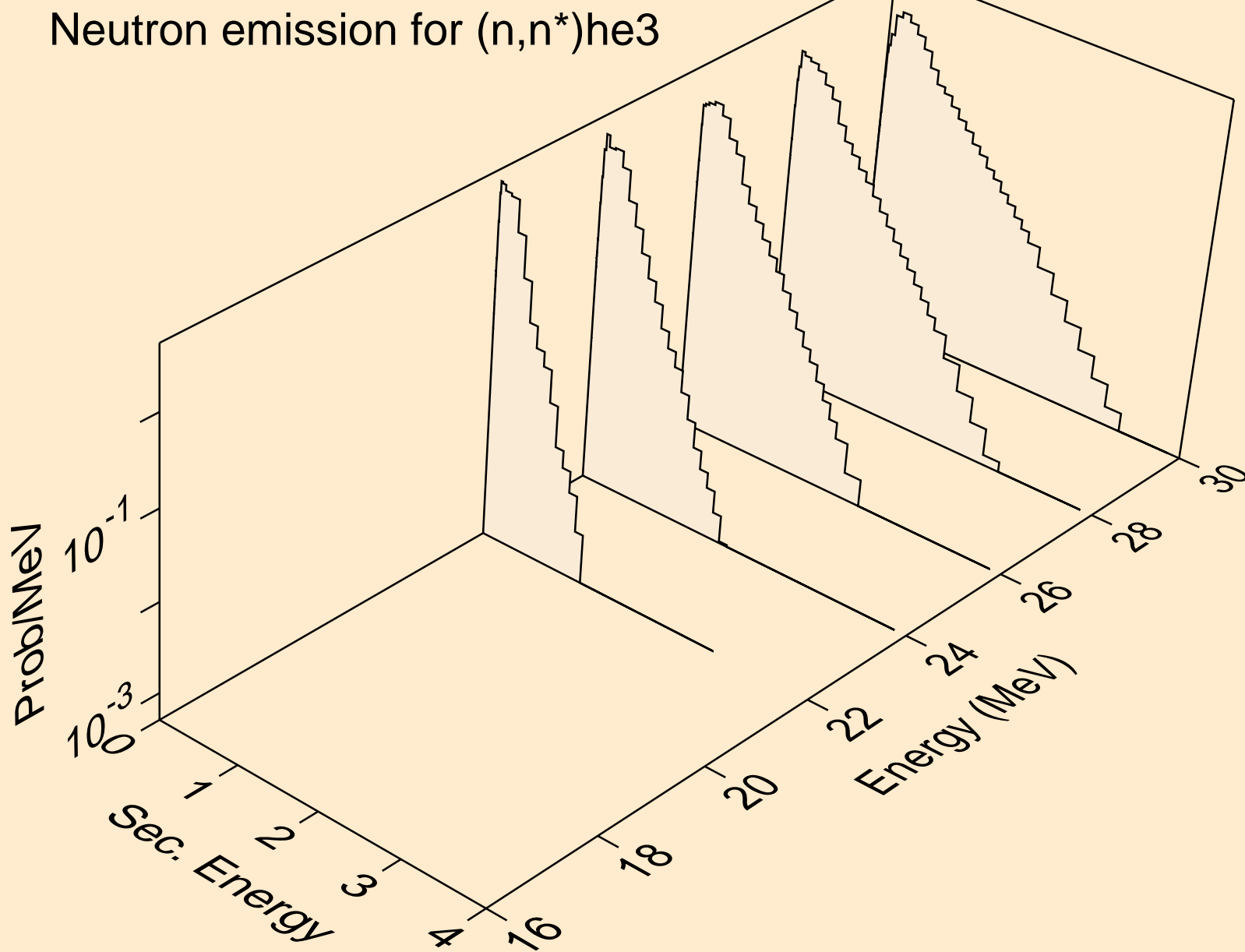
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



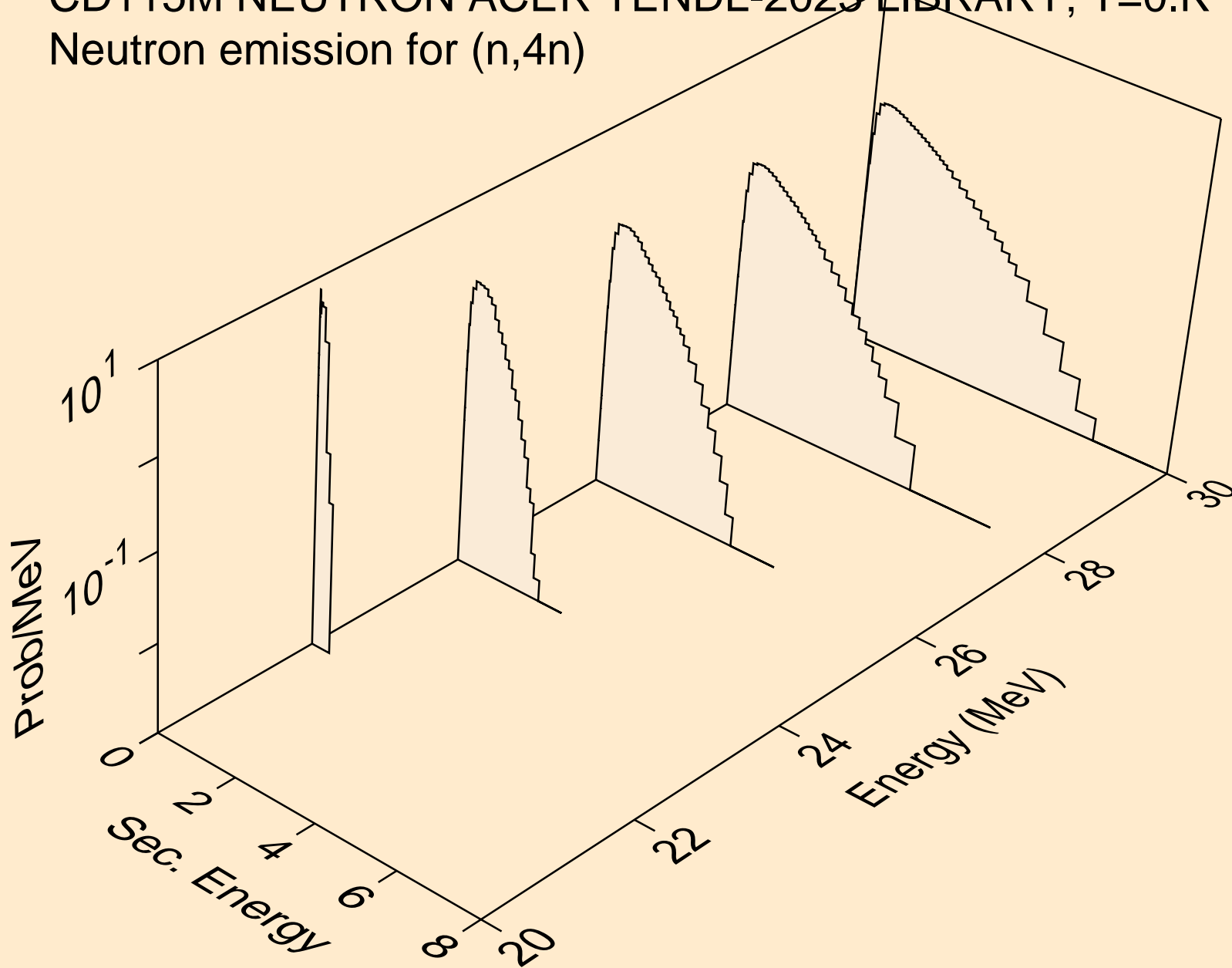
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

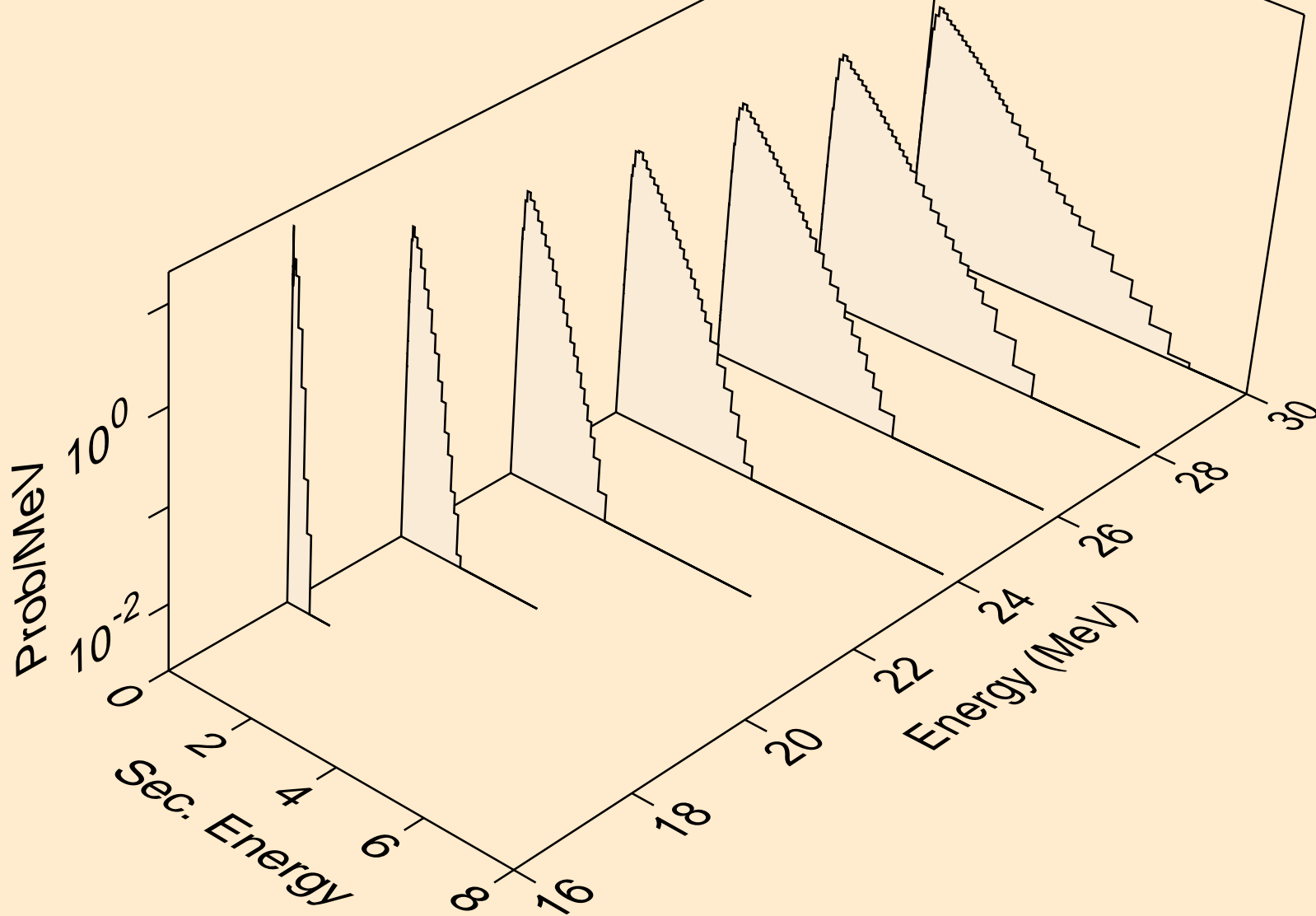


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

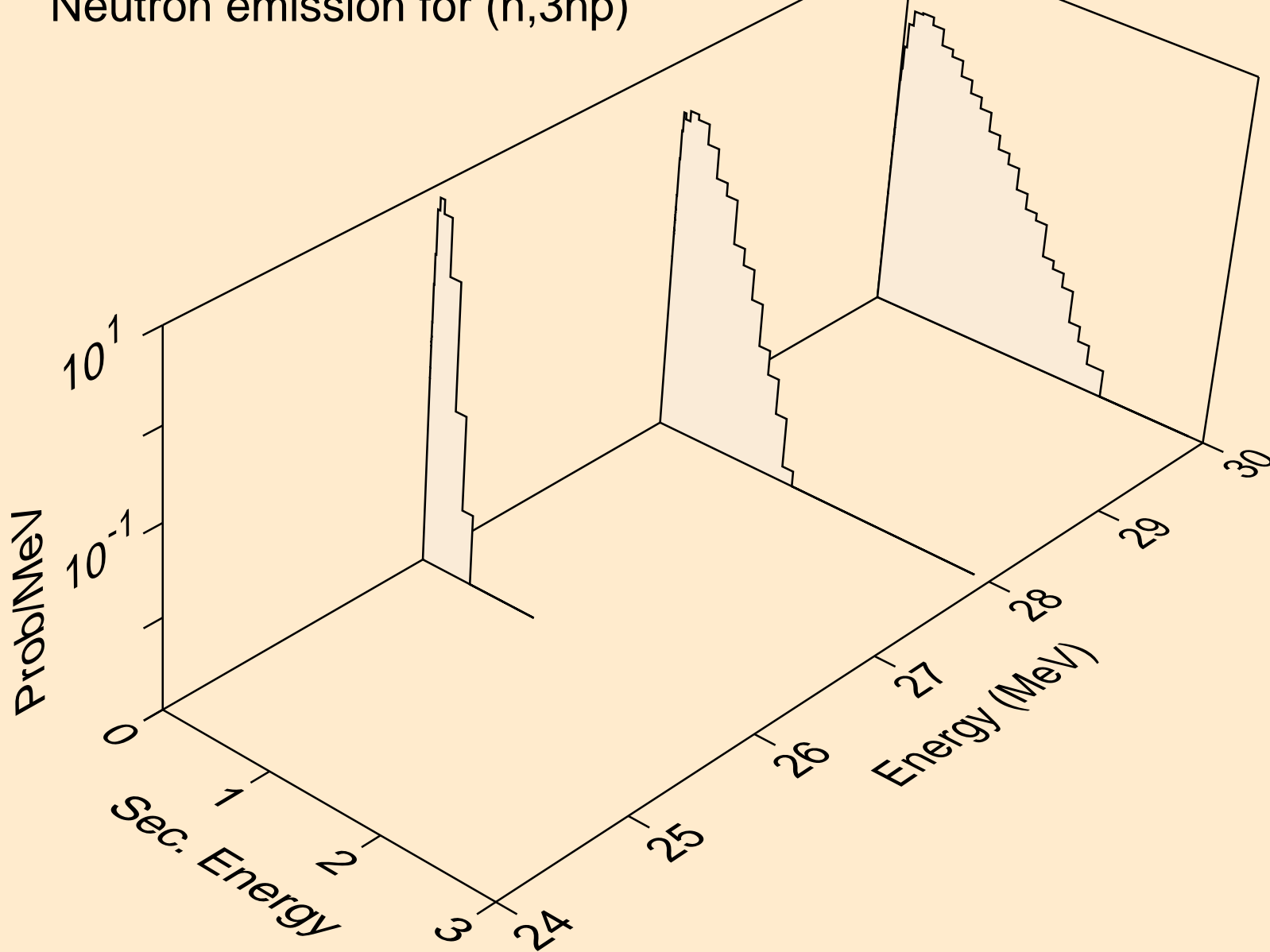




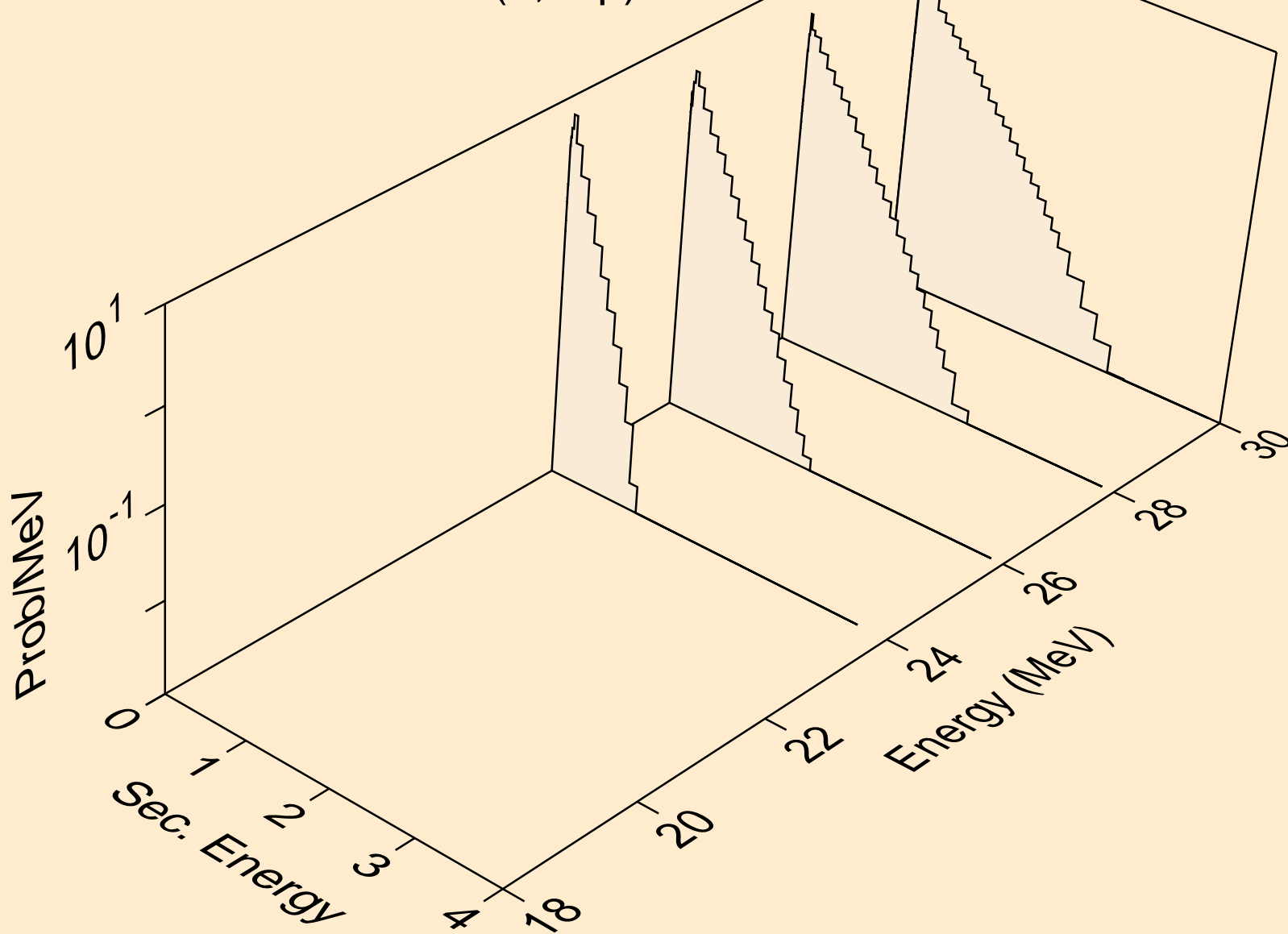
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



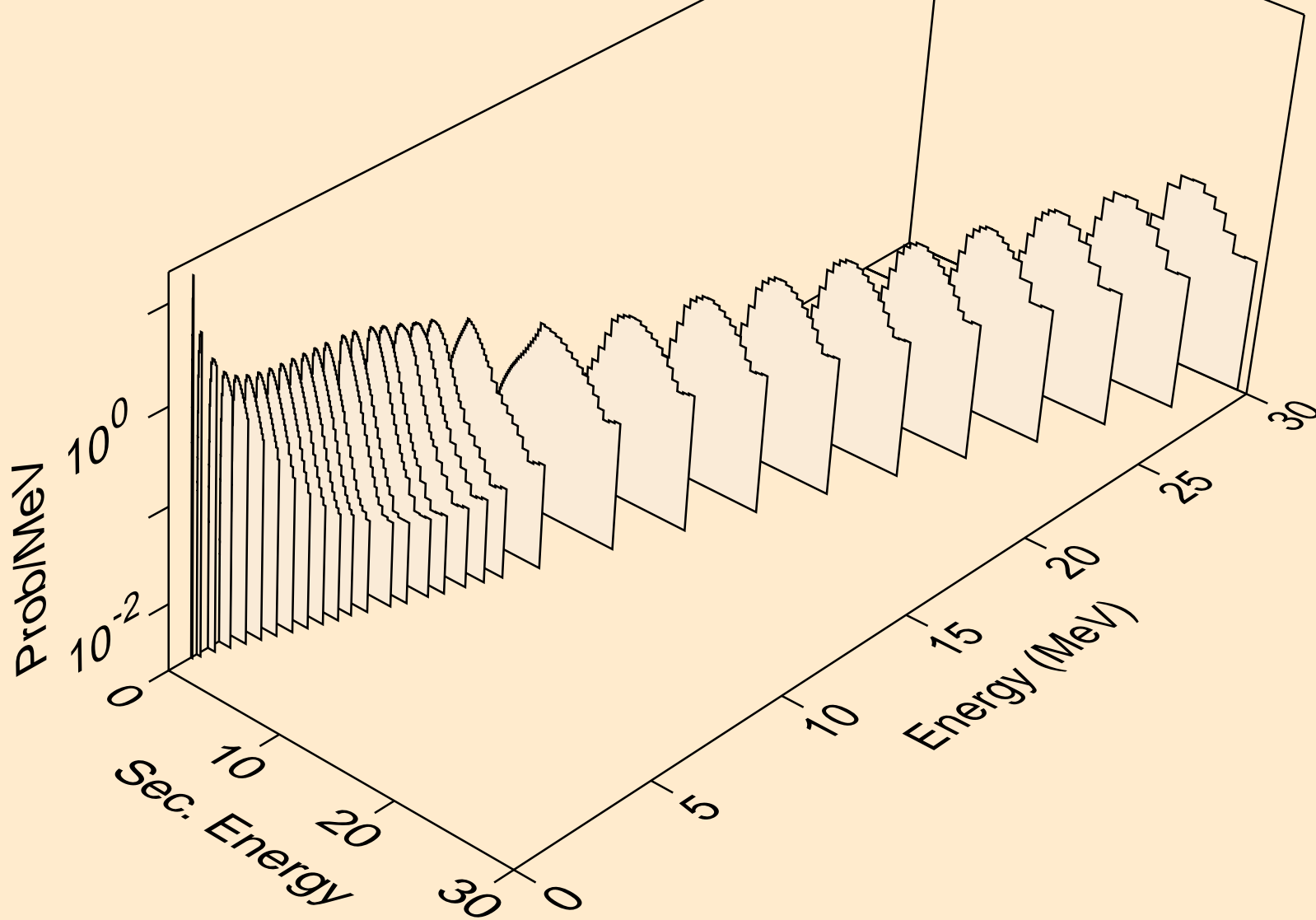
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Neutron emission for (n,3np)



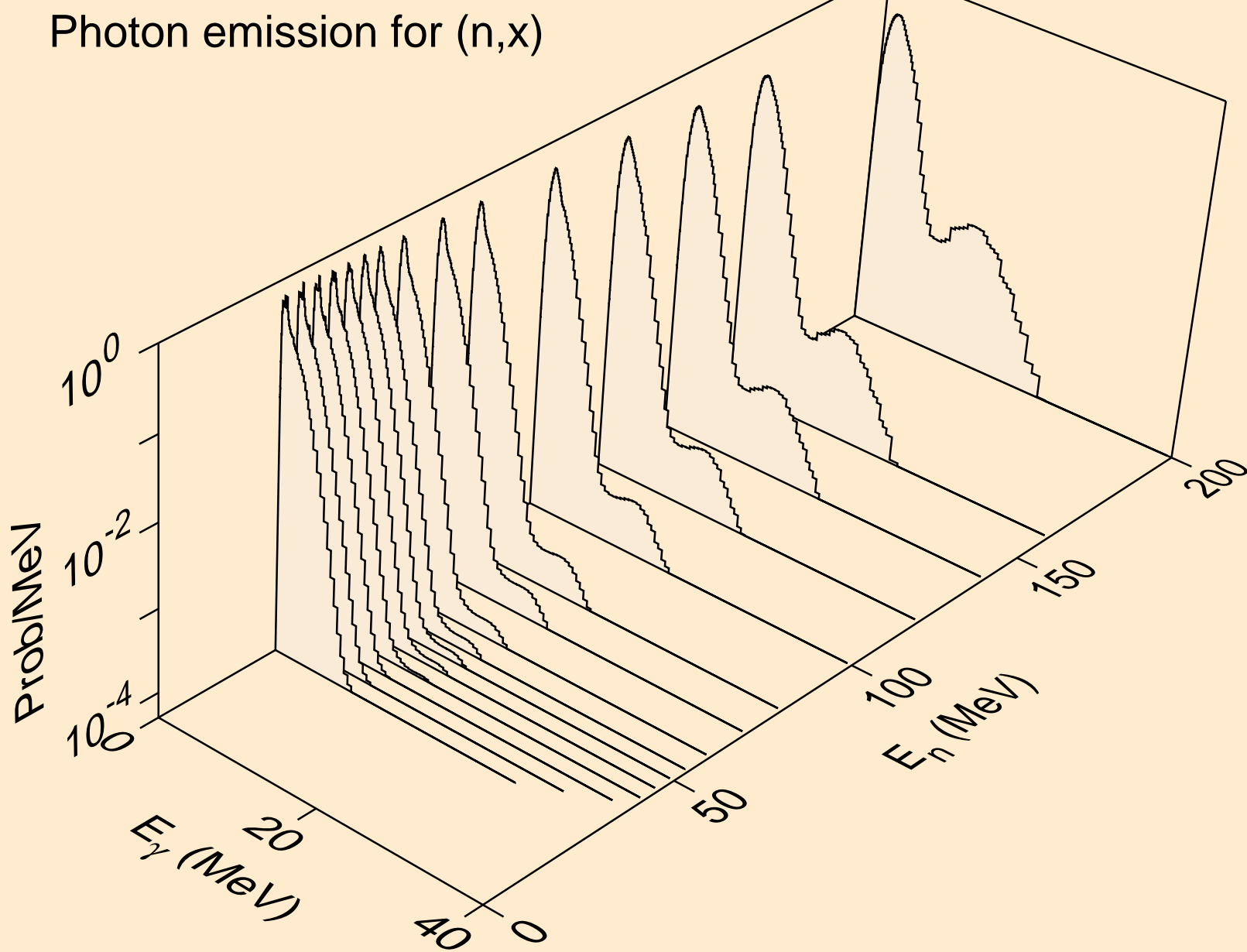
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Neutron emission for (n,n2p)



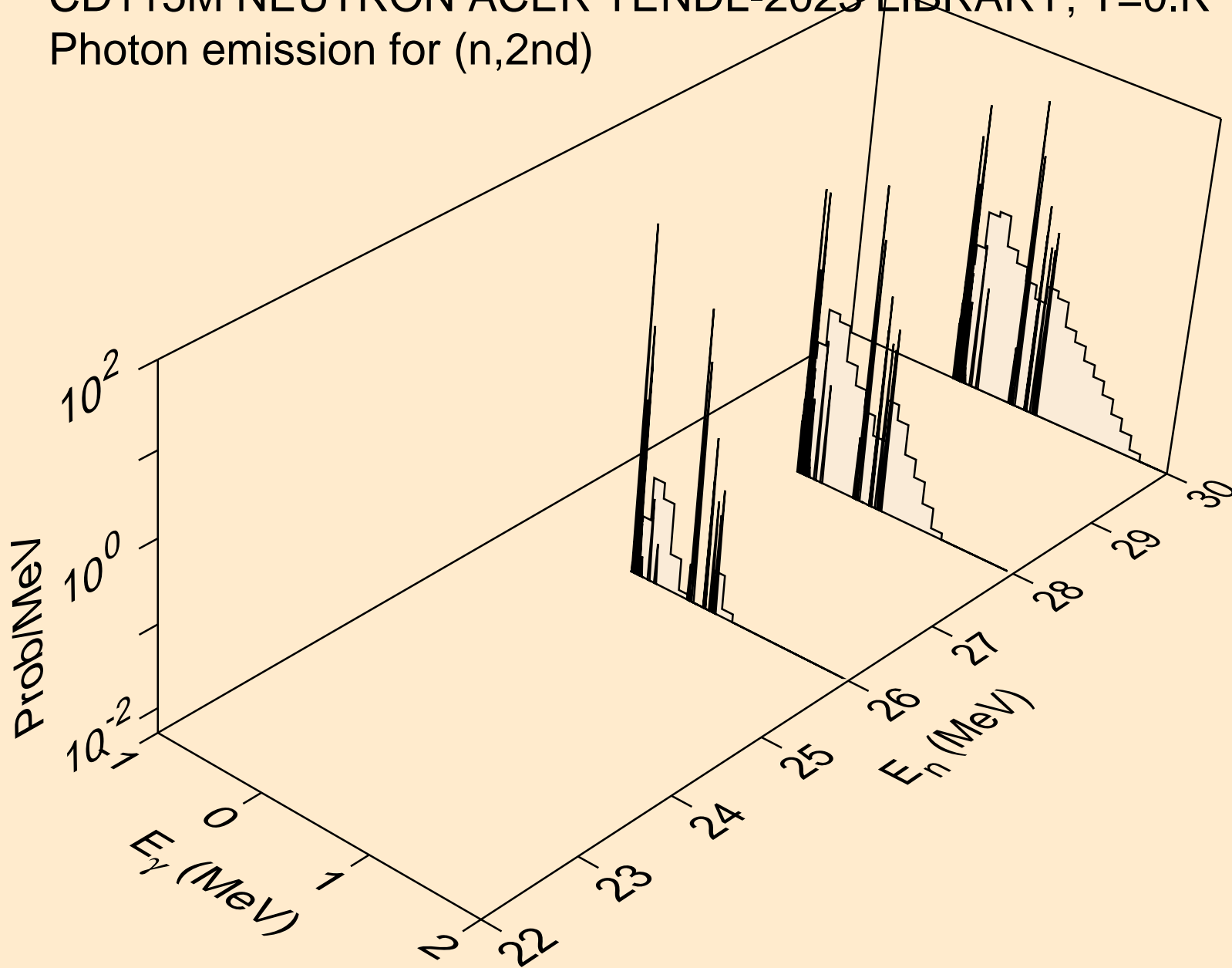
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Neutron emission for (n,n\*c)



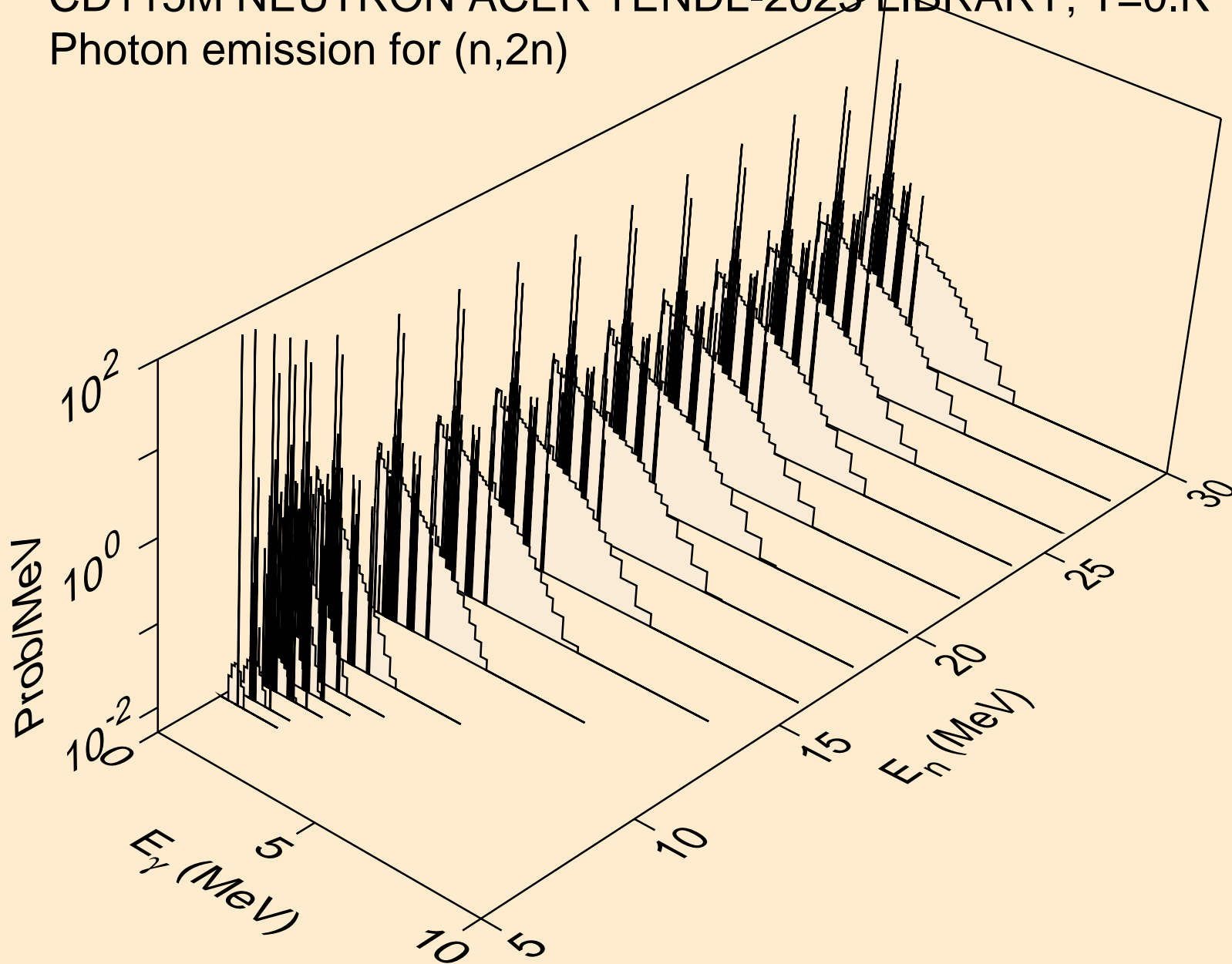
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Photon emission for (n,x)



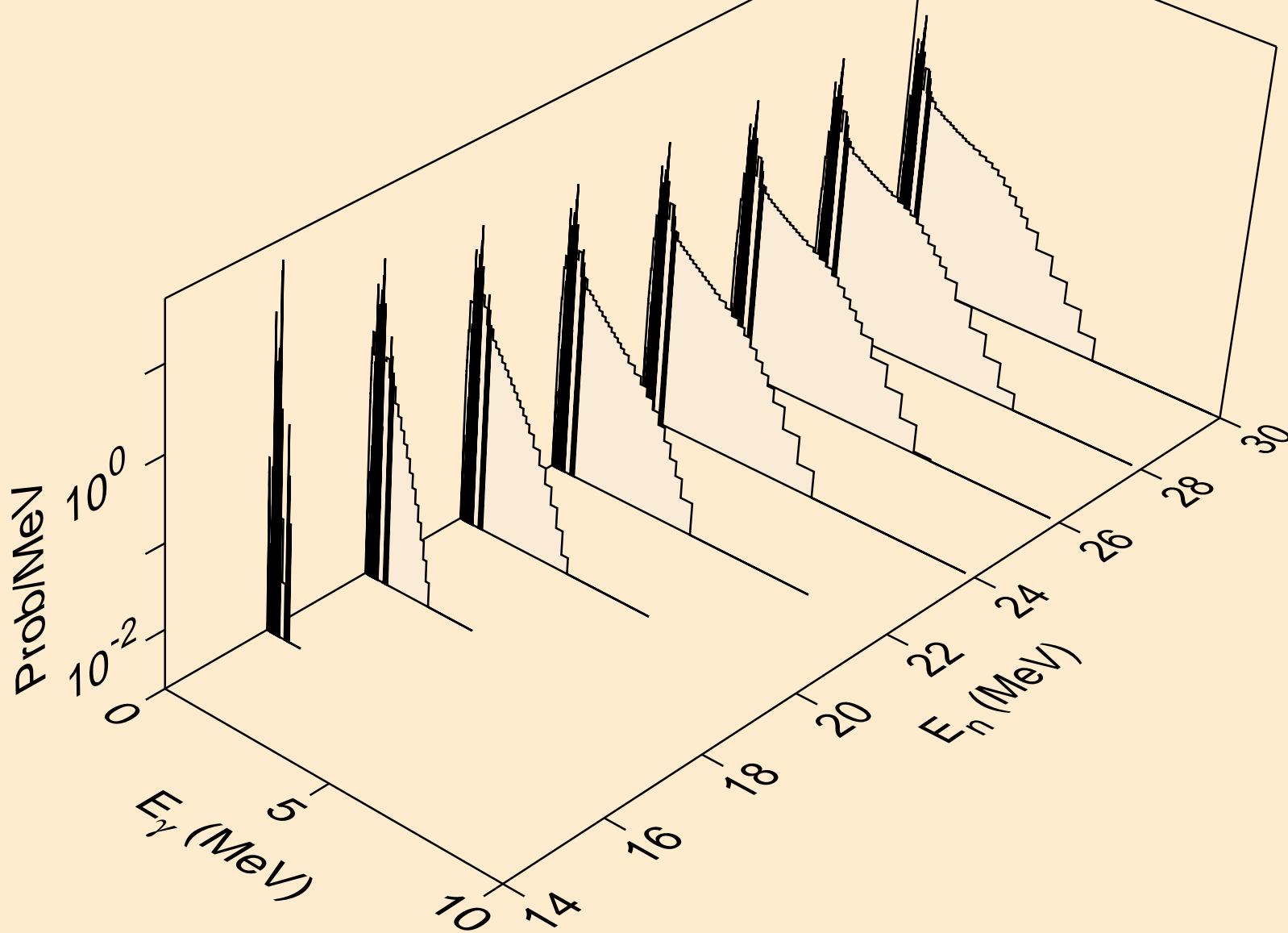
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

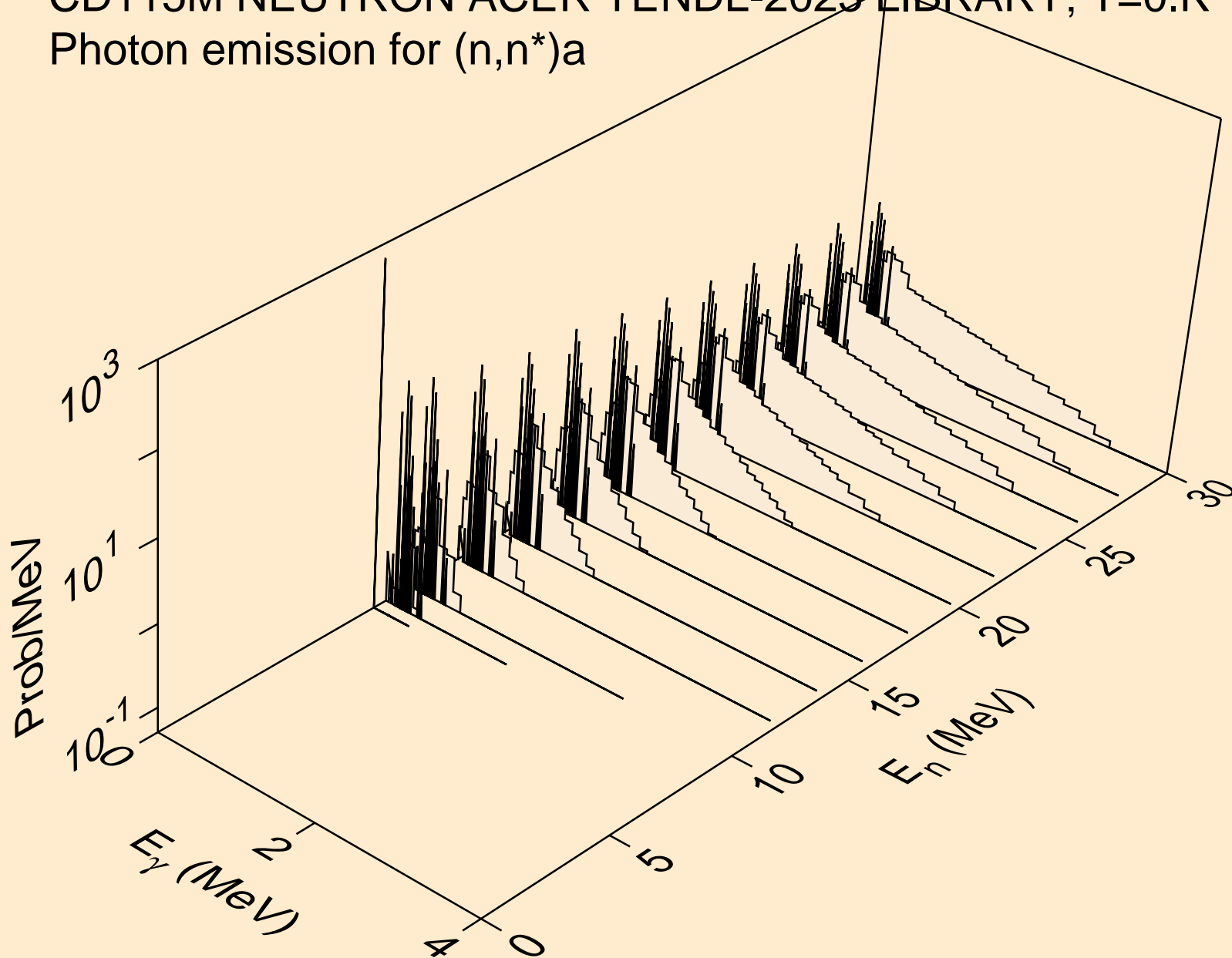


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

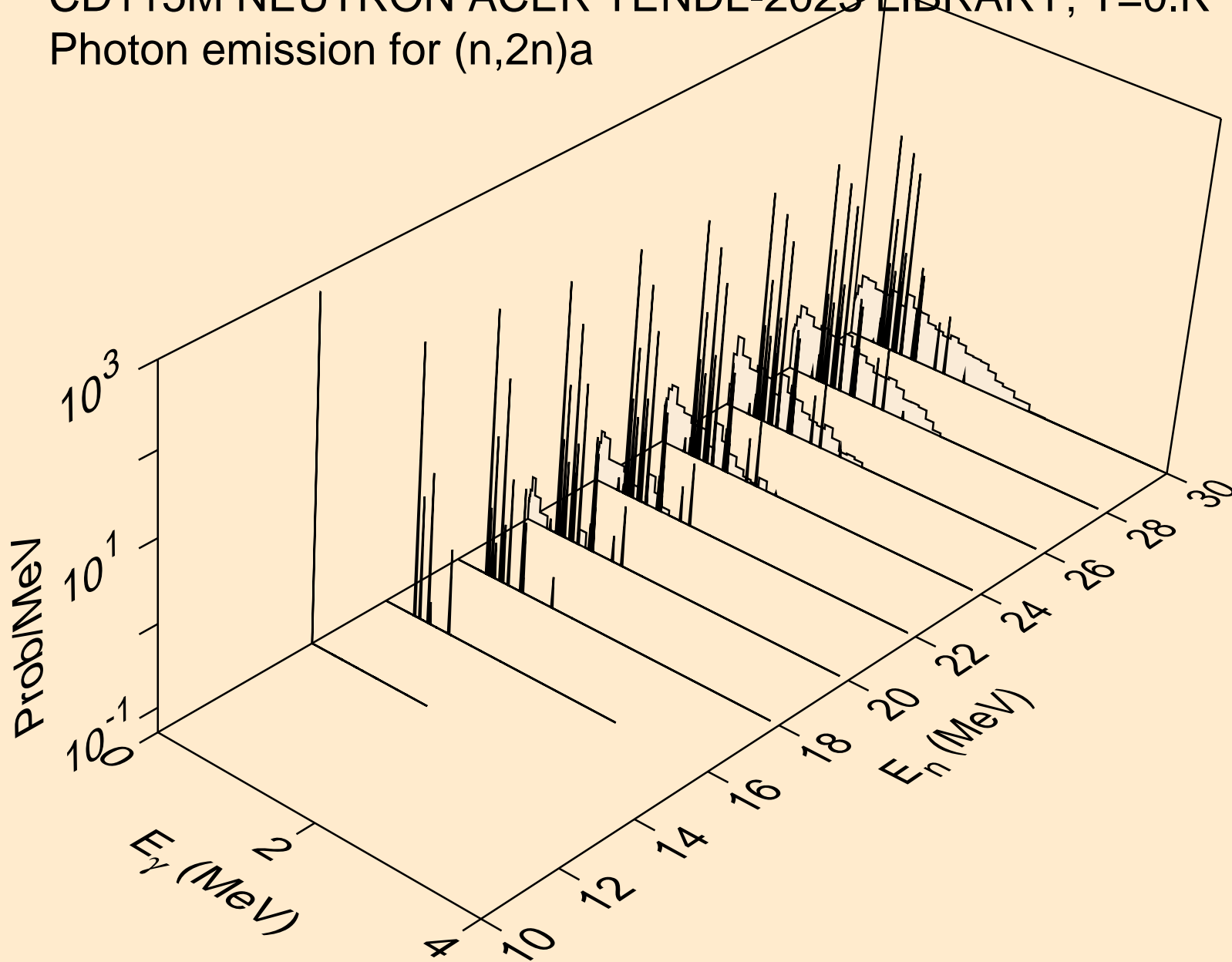




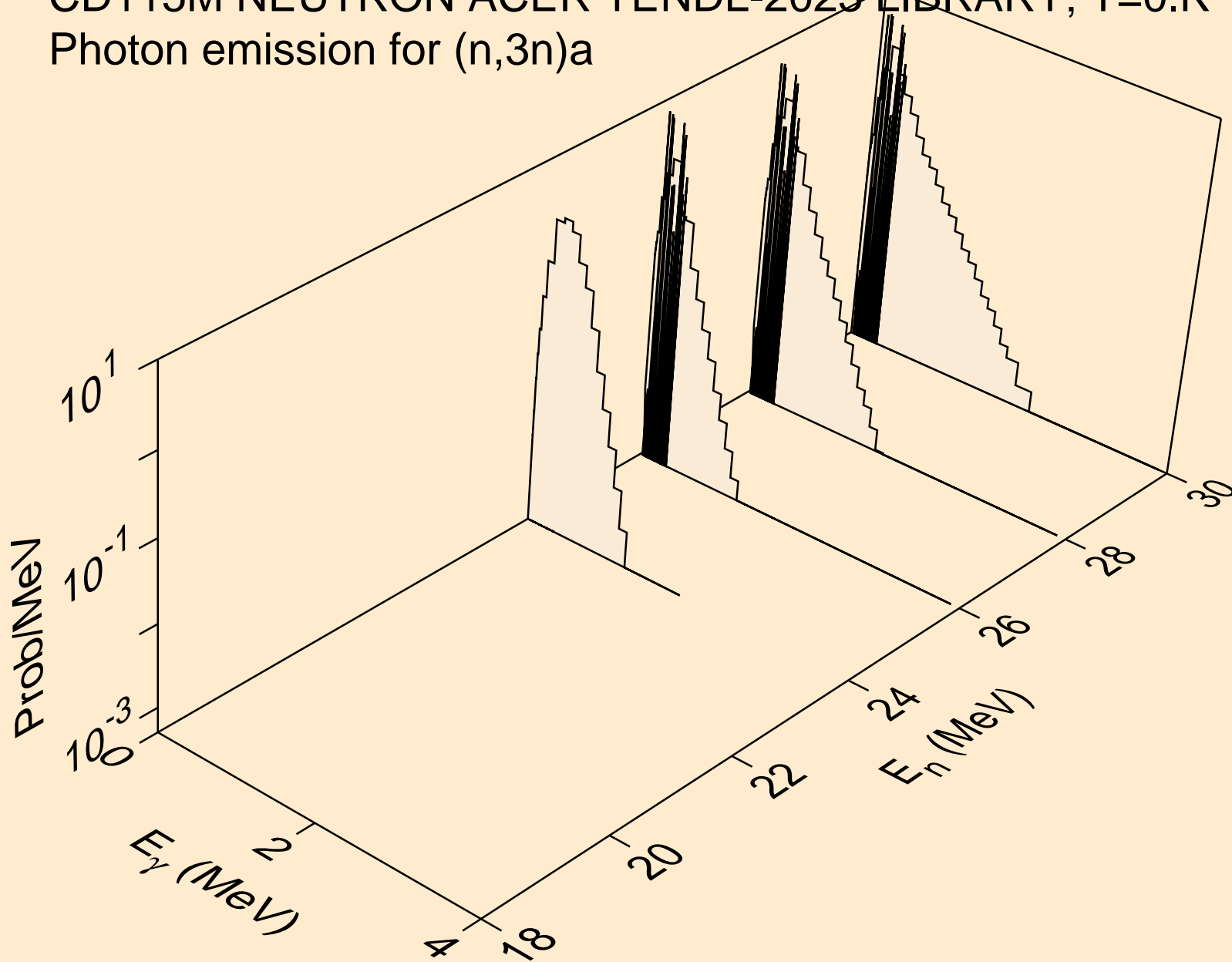
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



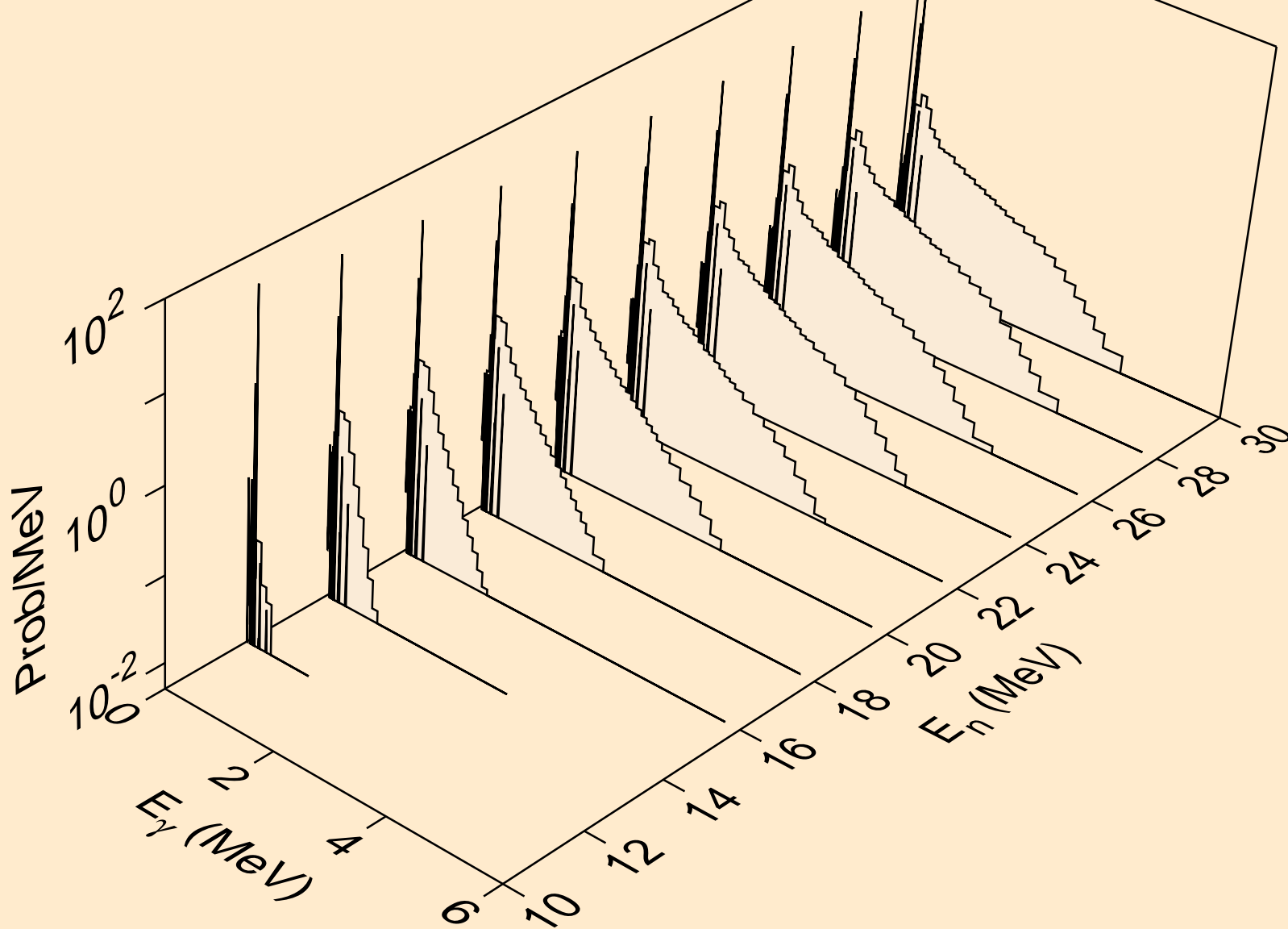
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



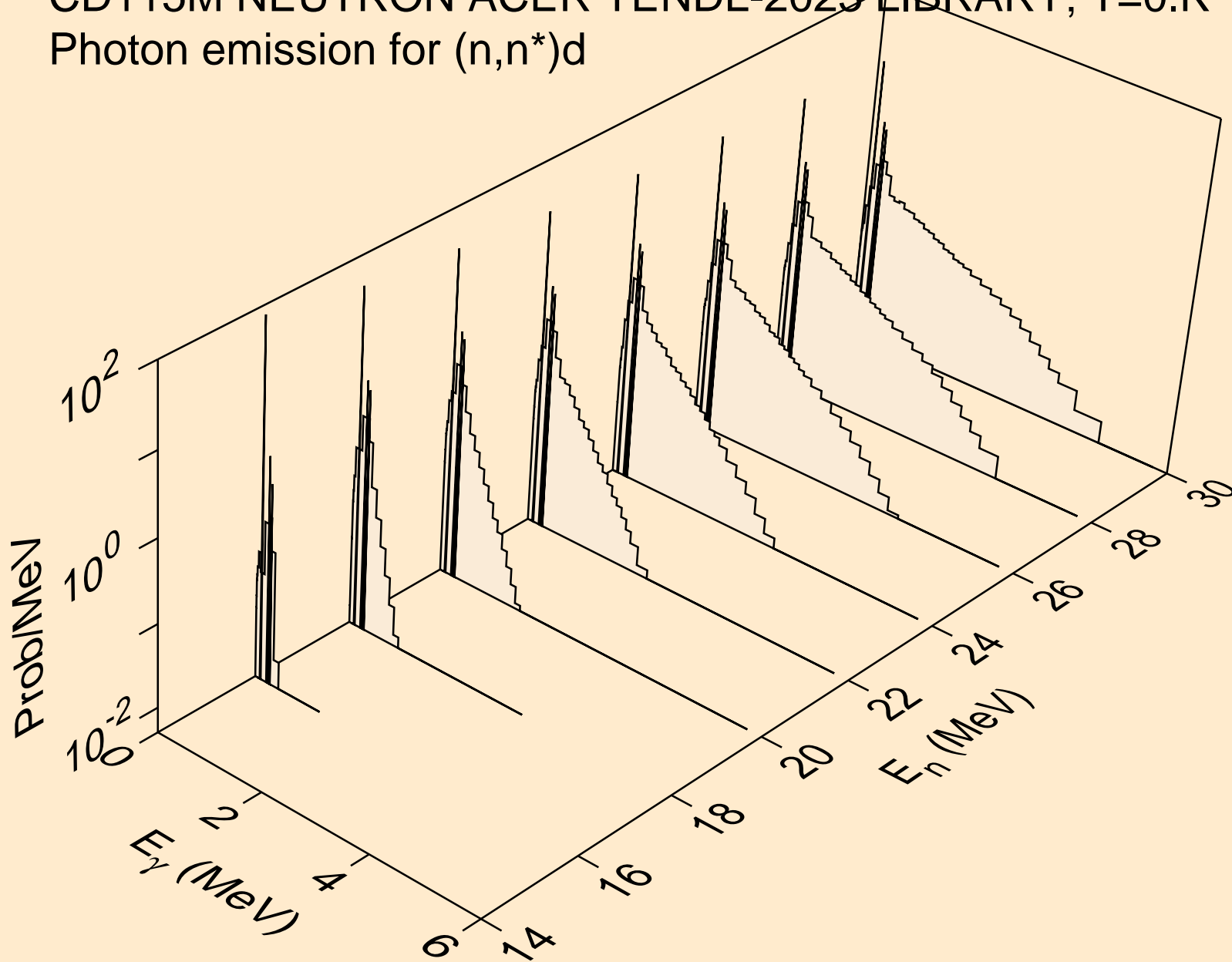
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



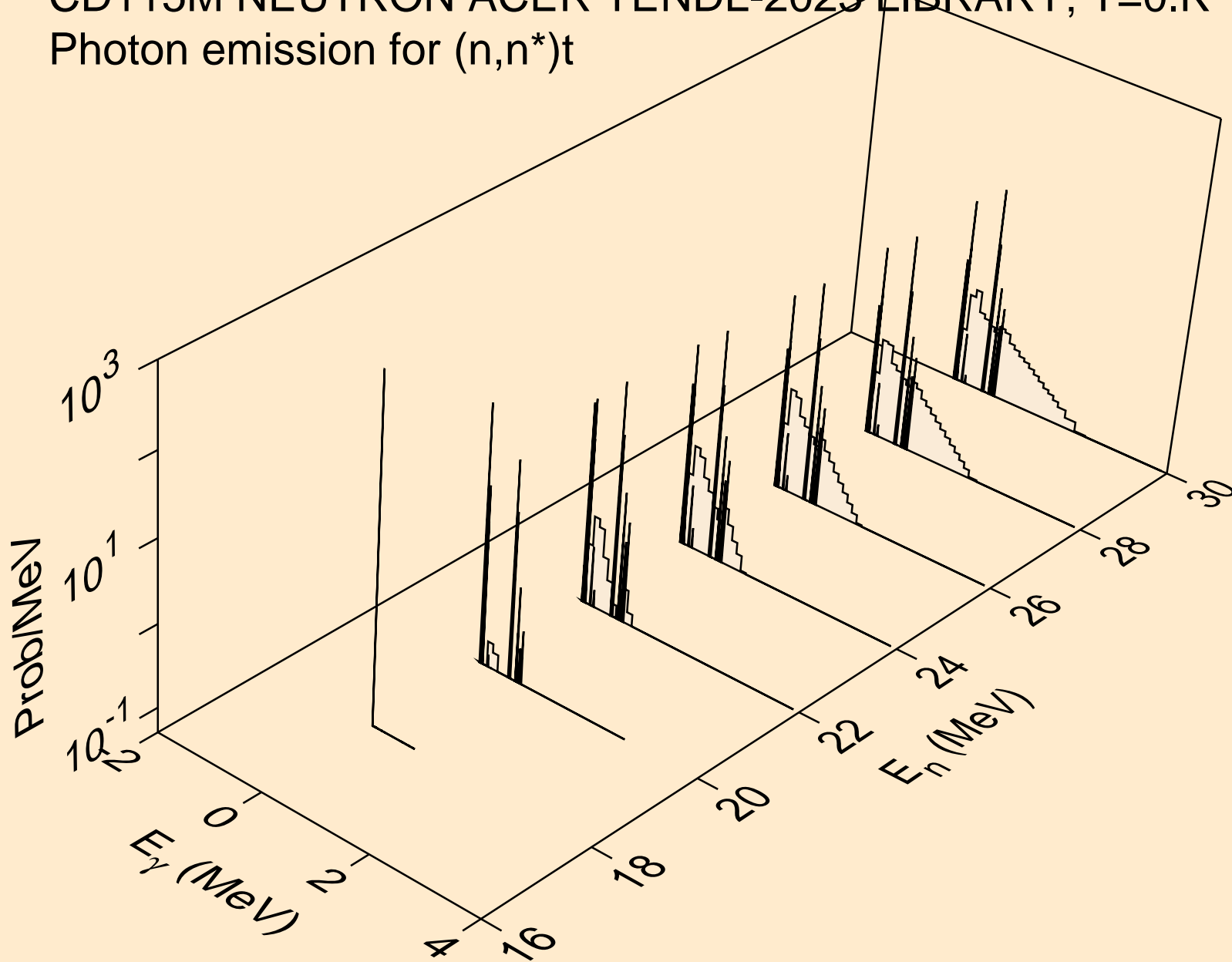
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



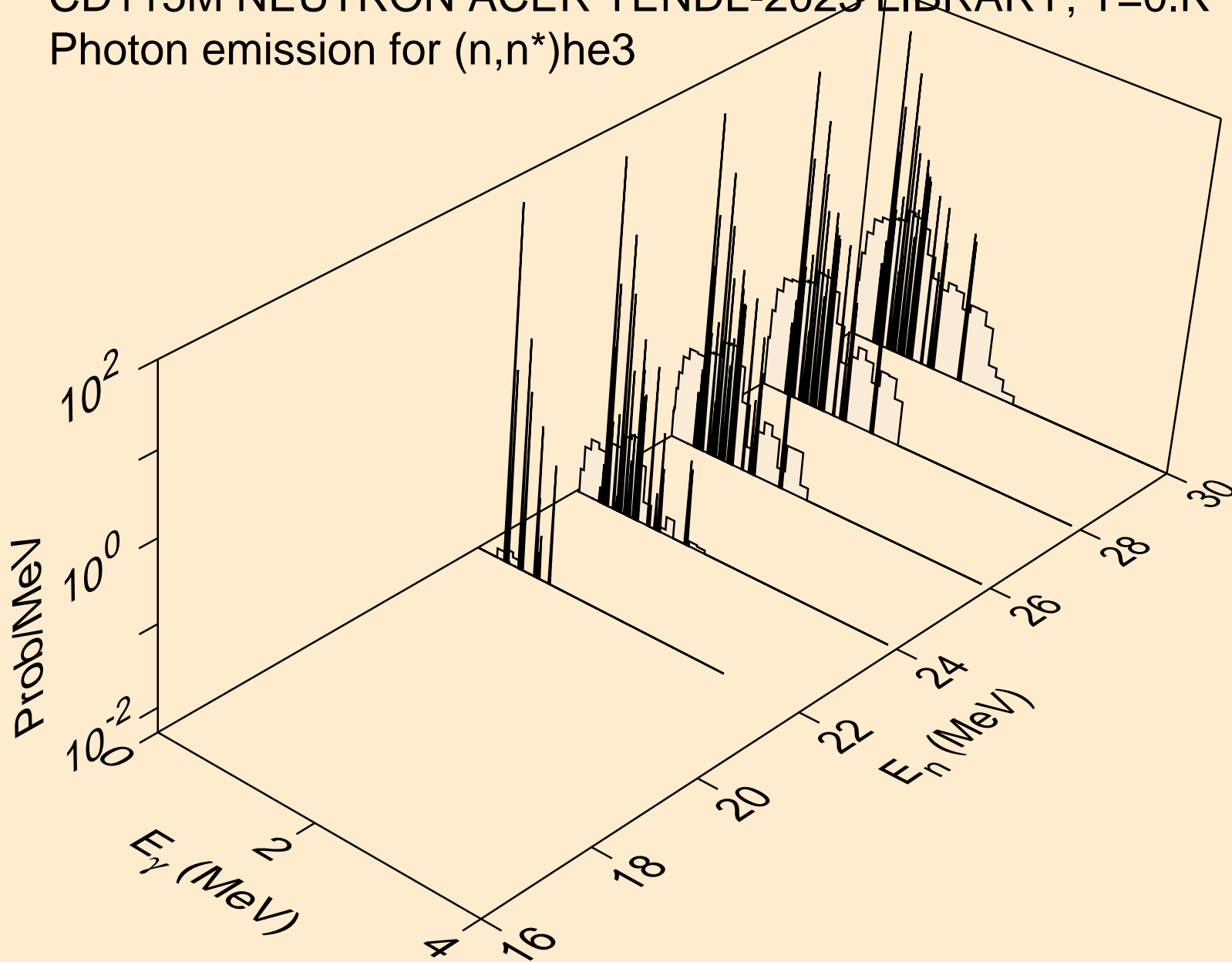
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



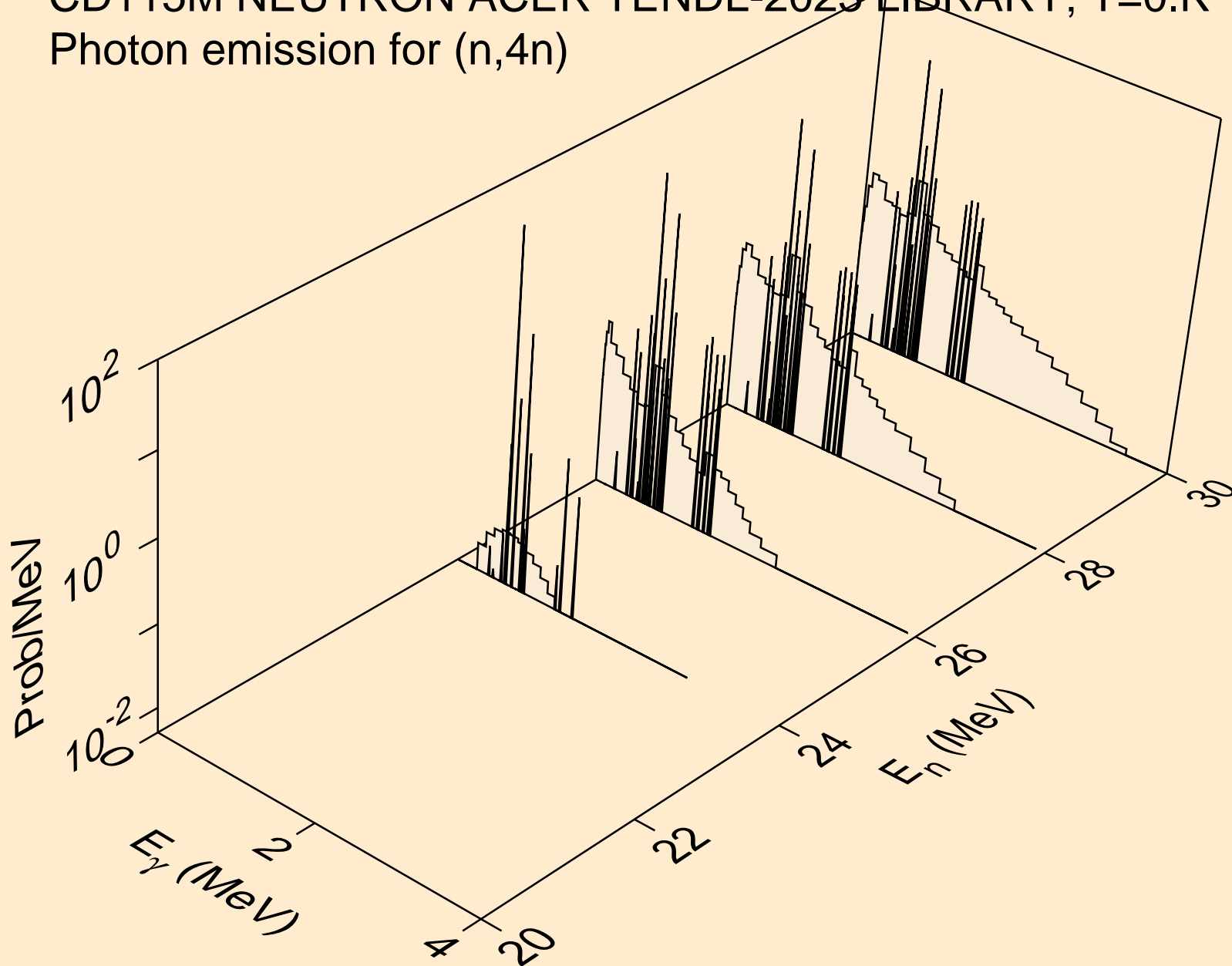
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

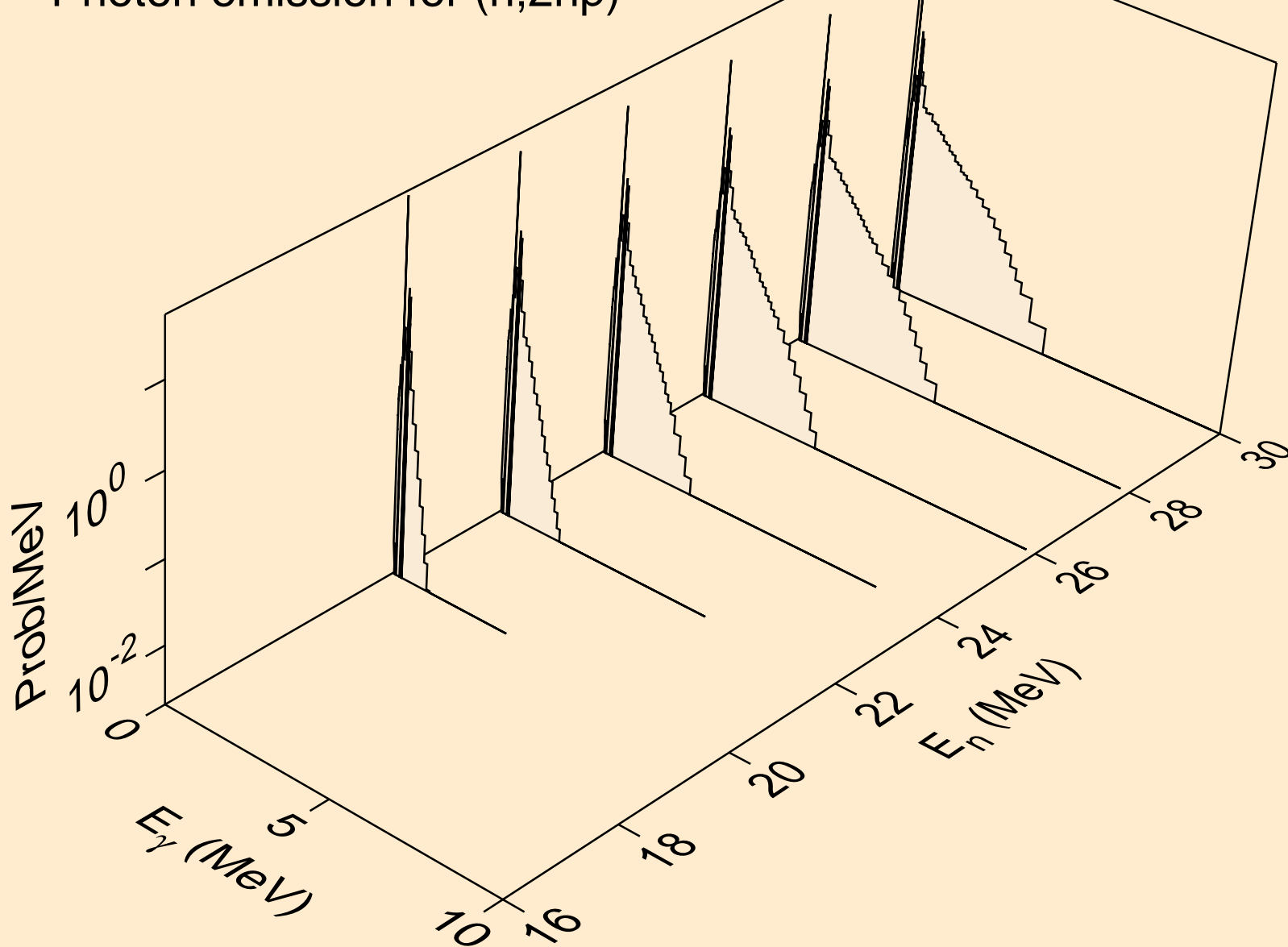


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

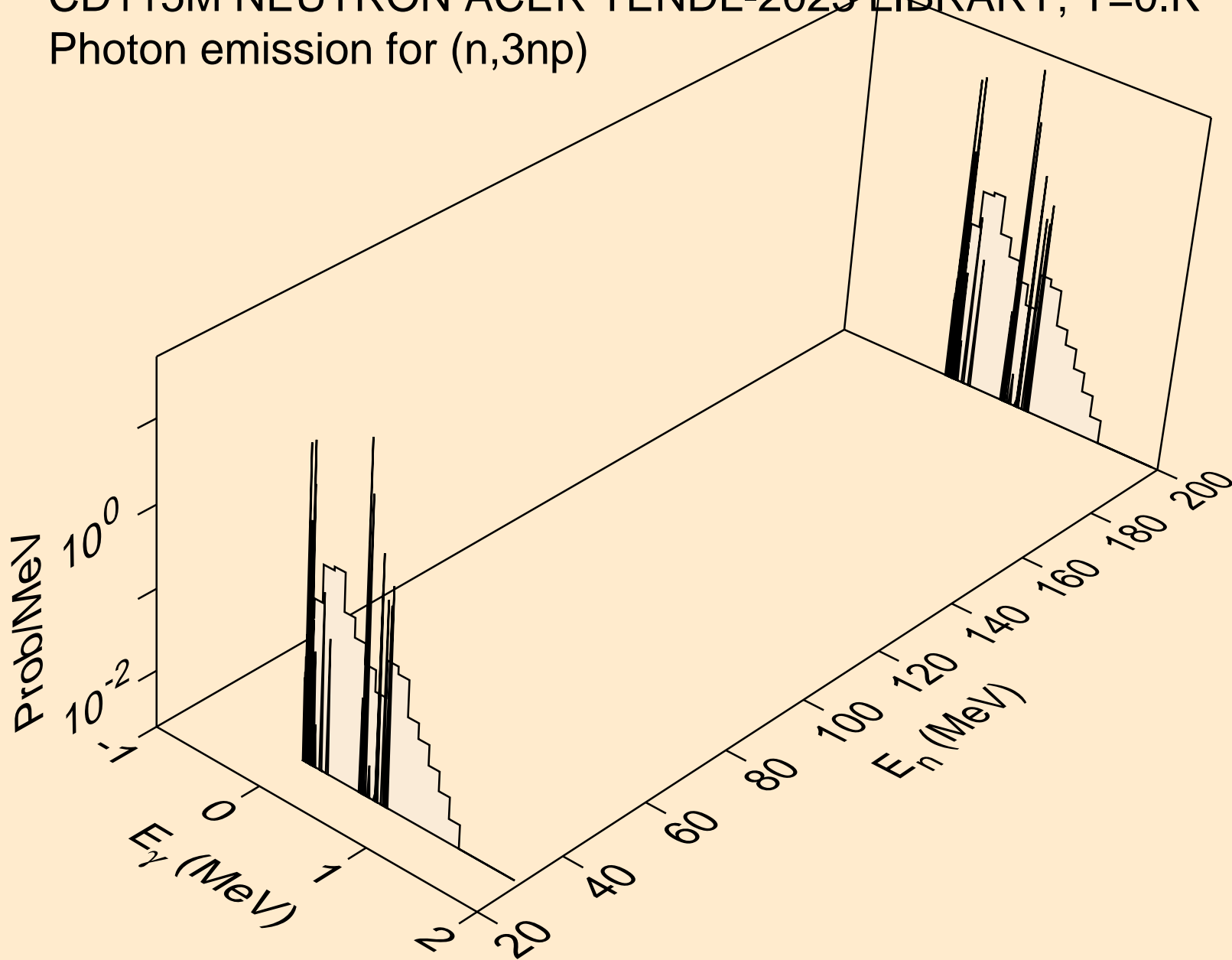




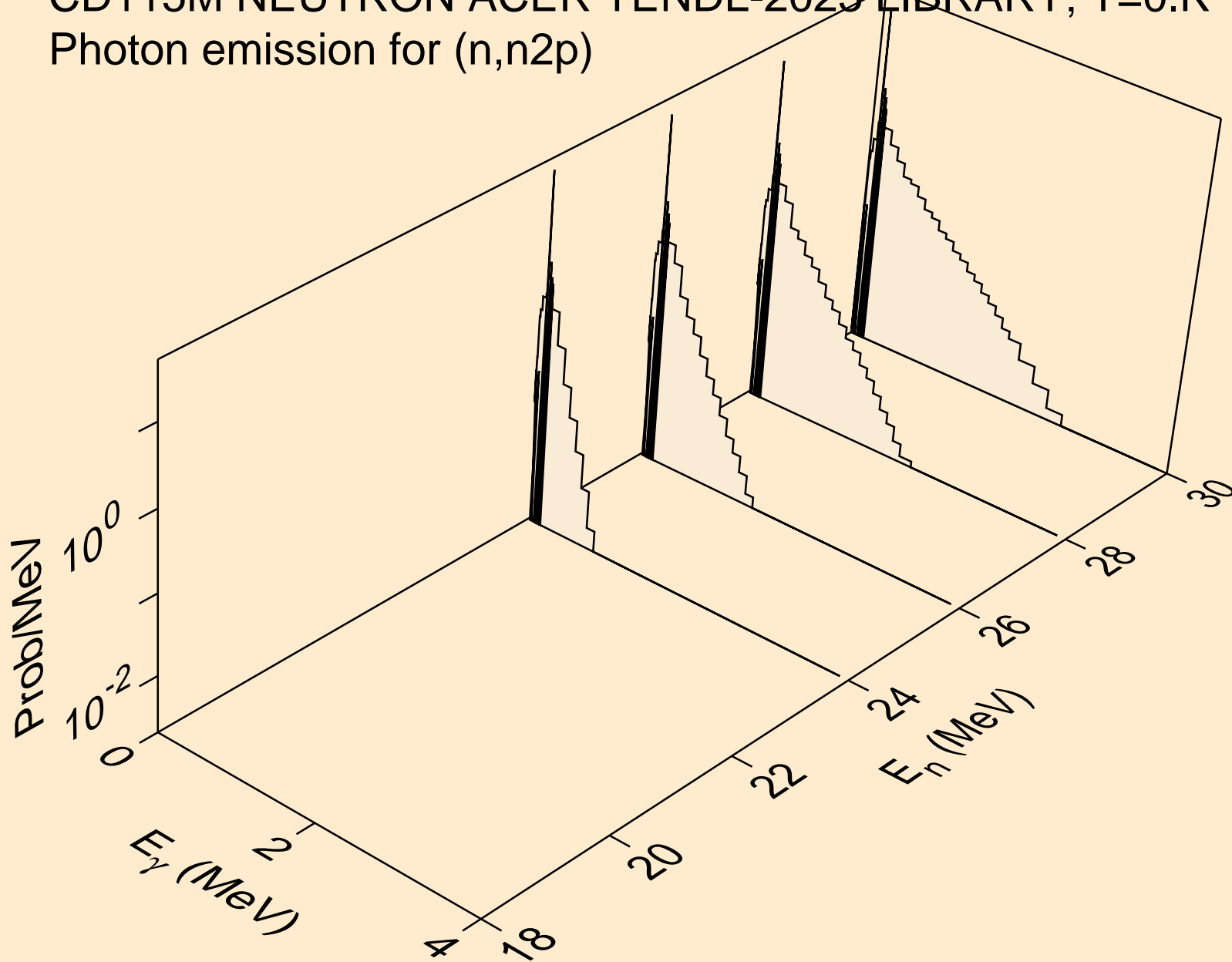
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Photon emission for (n,2np)



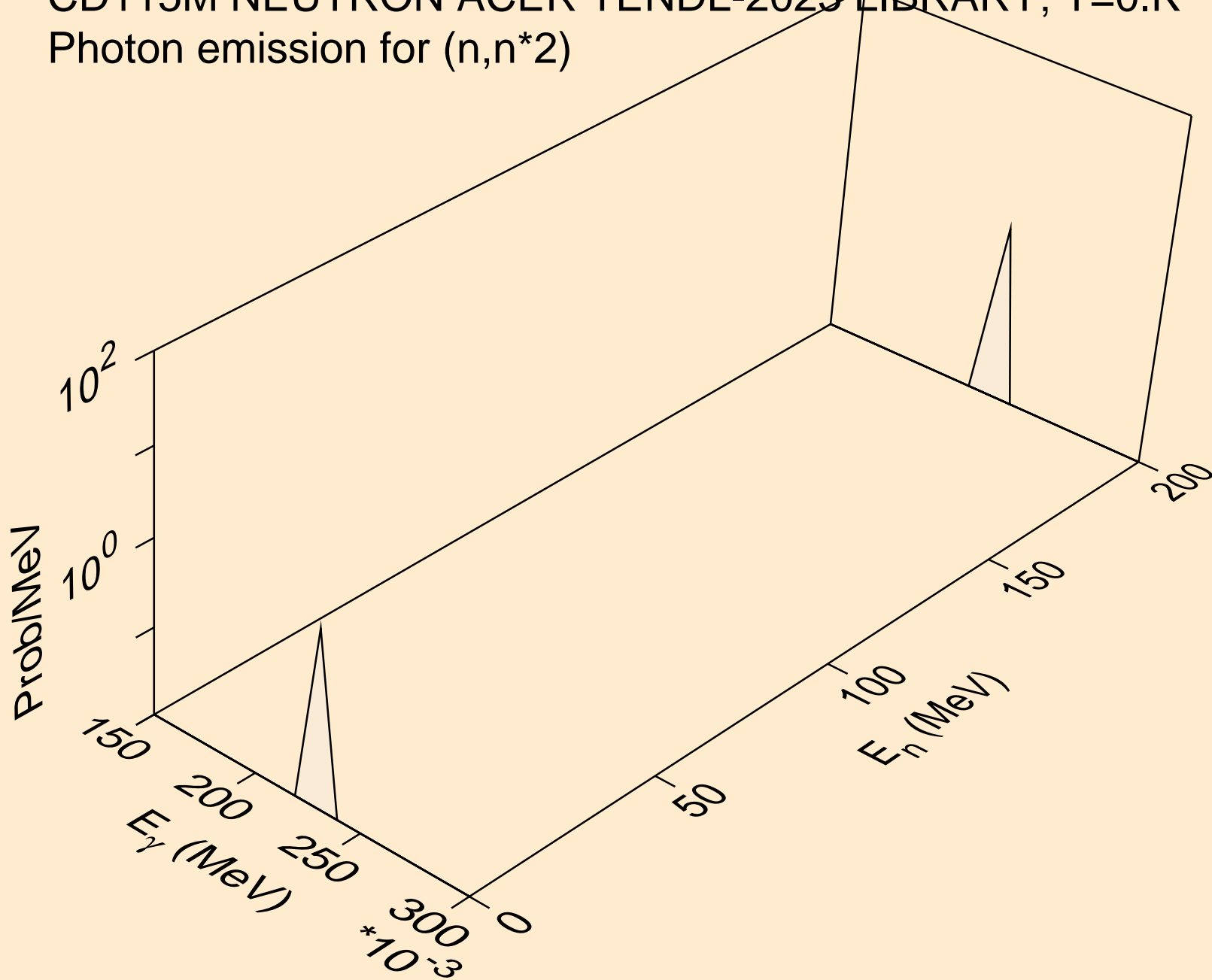
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Photon emission for (n,3np)



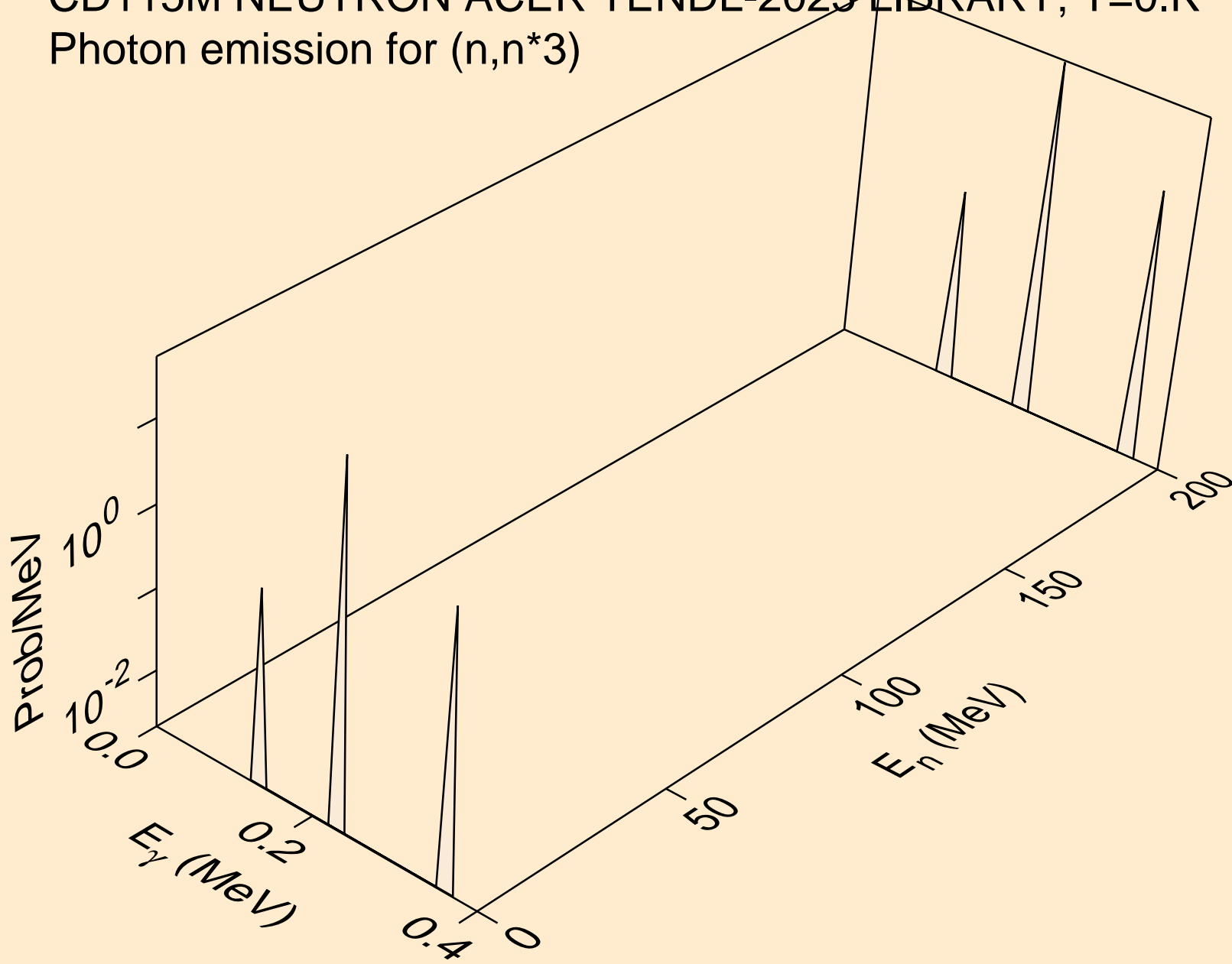
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Photon emission for (n,n2p)



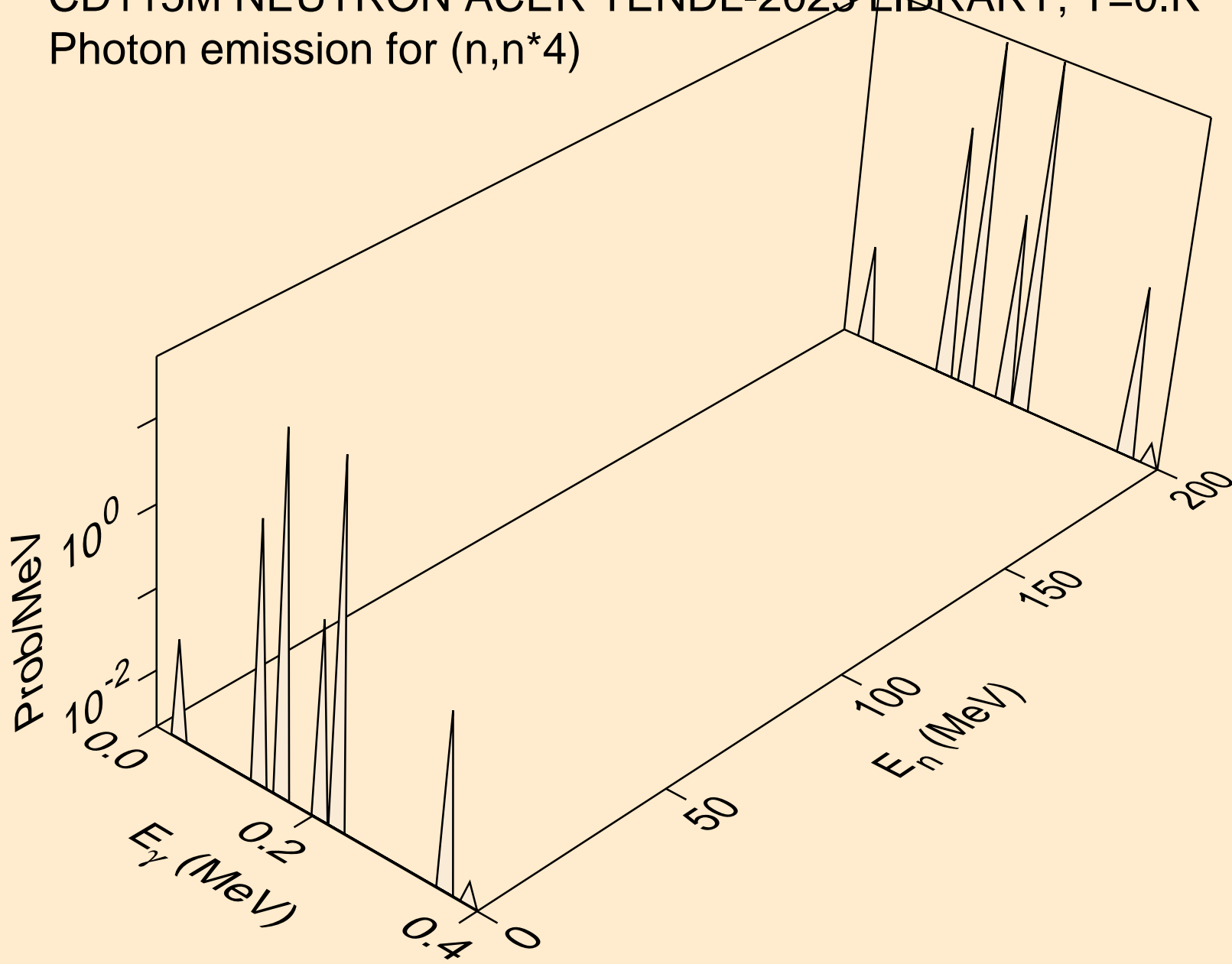
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Photon emission for (n,n\*2)



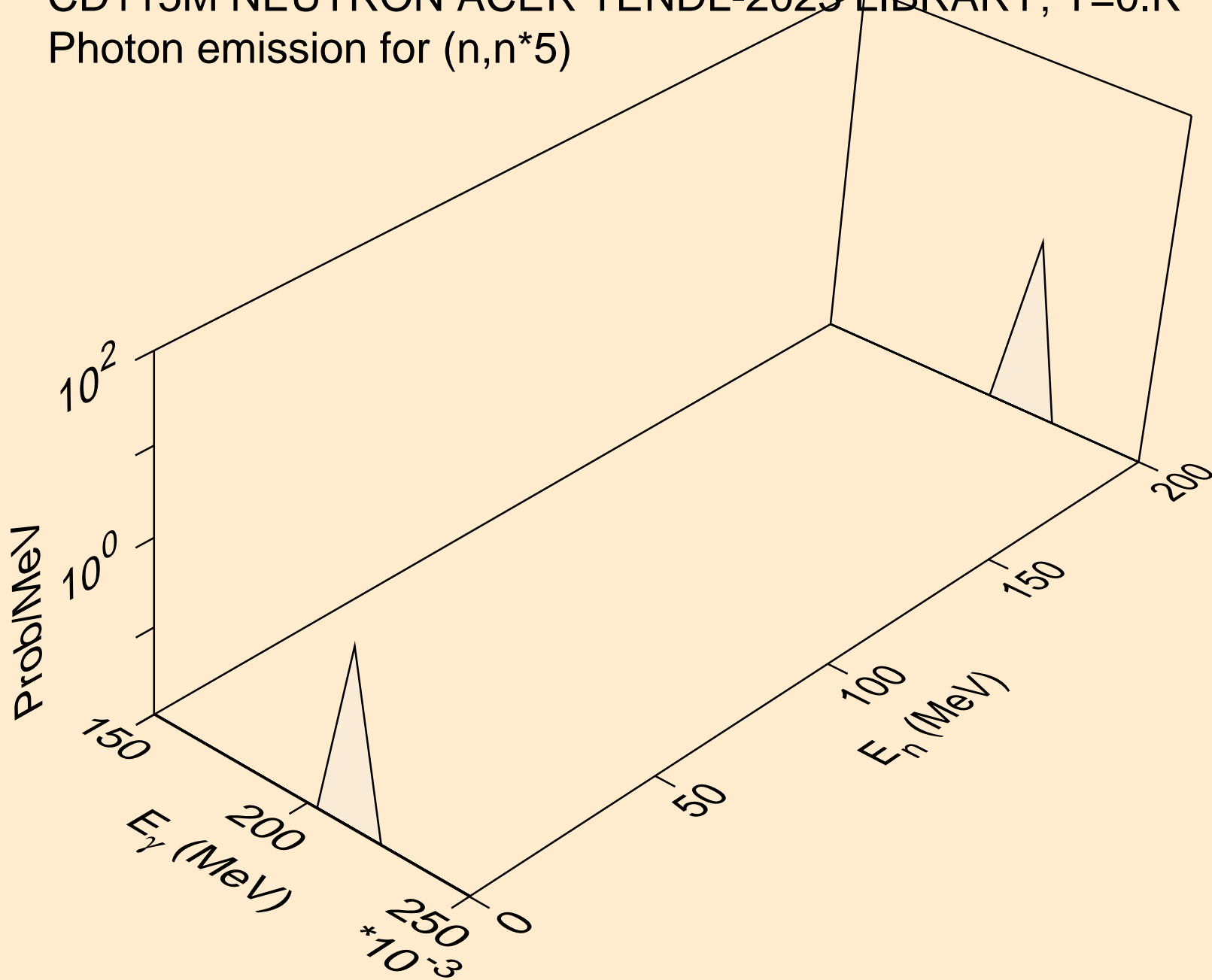
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Photon emission for (n,n\*3)



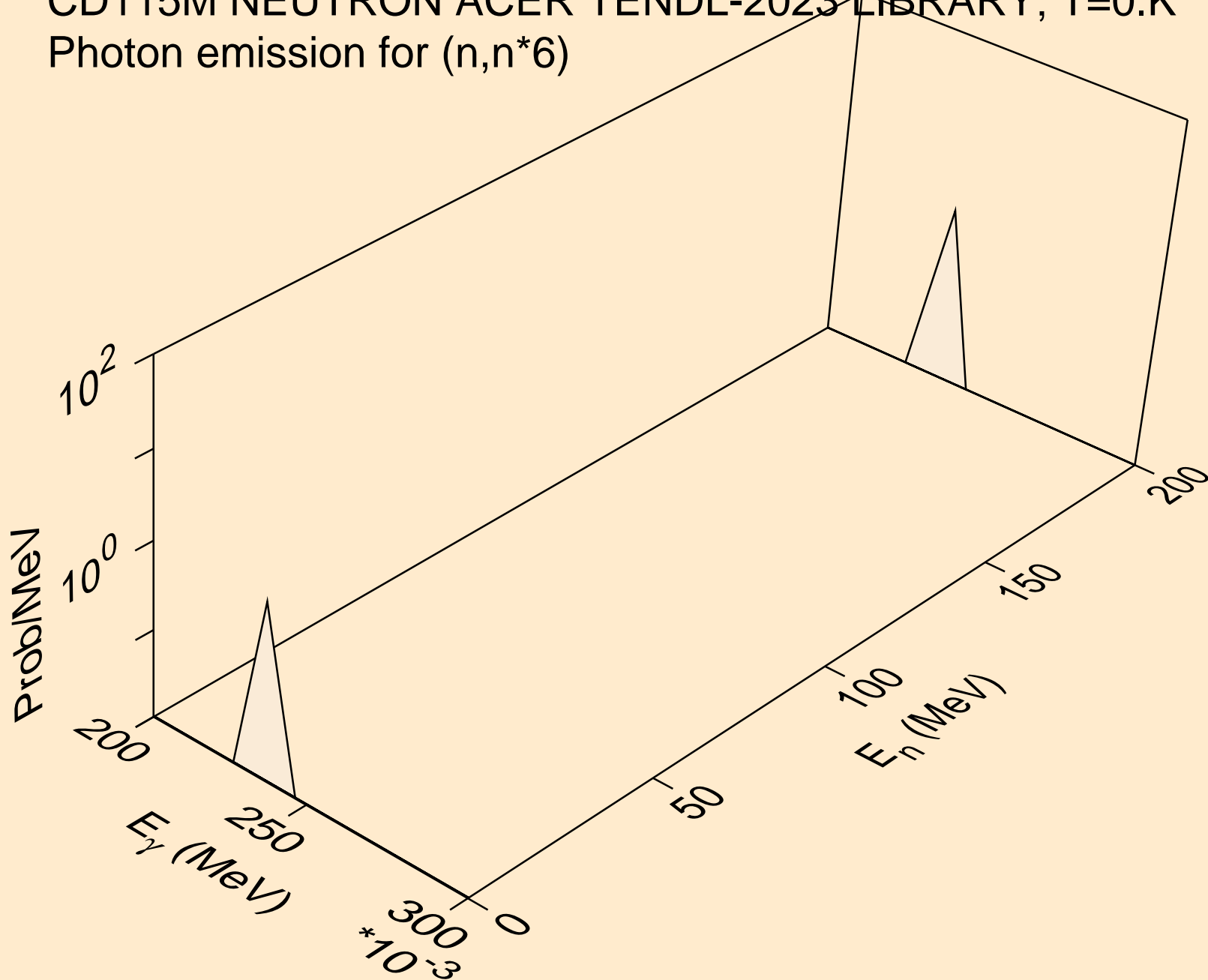
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)

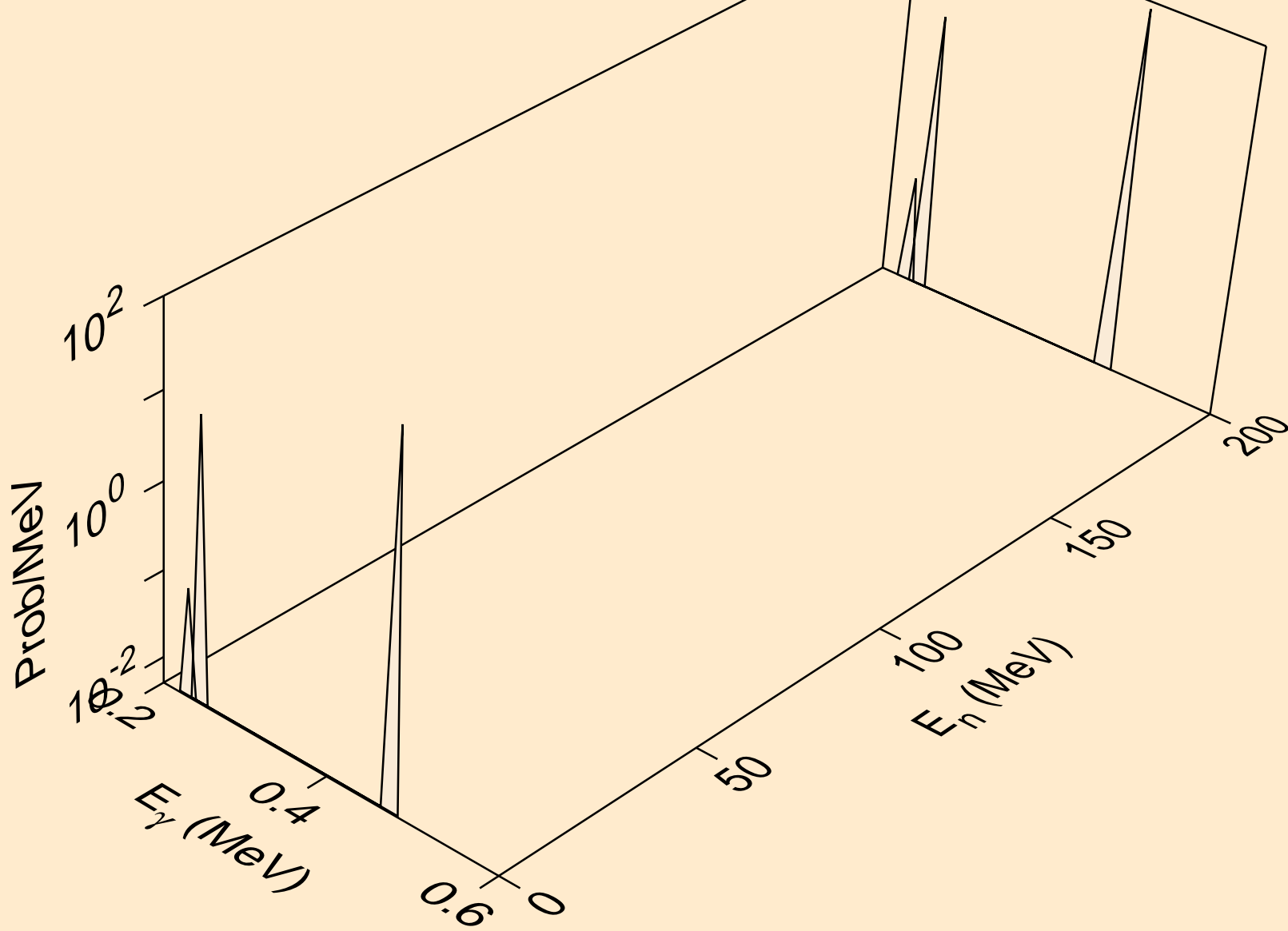


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

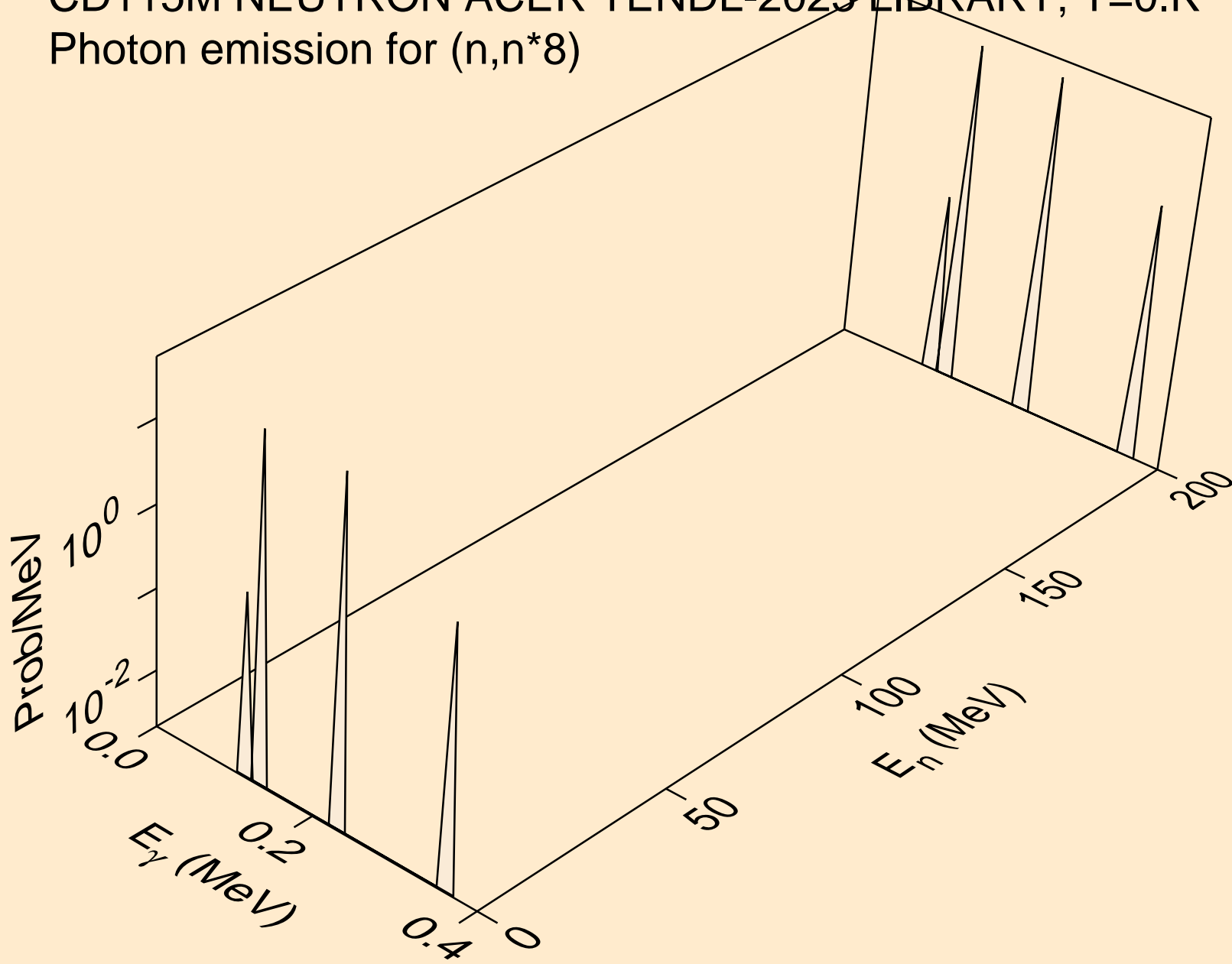




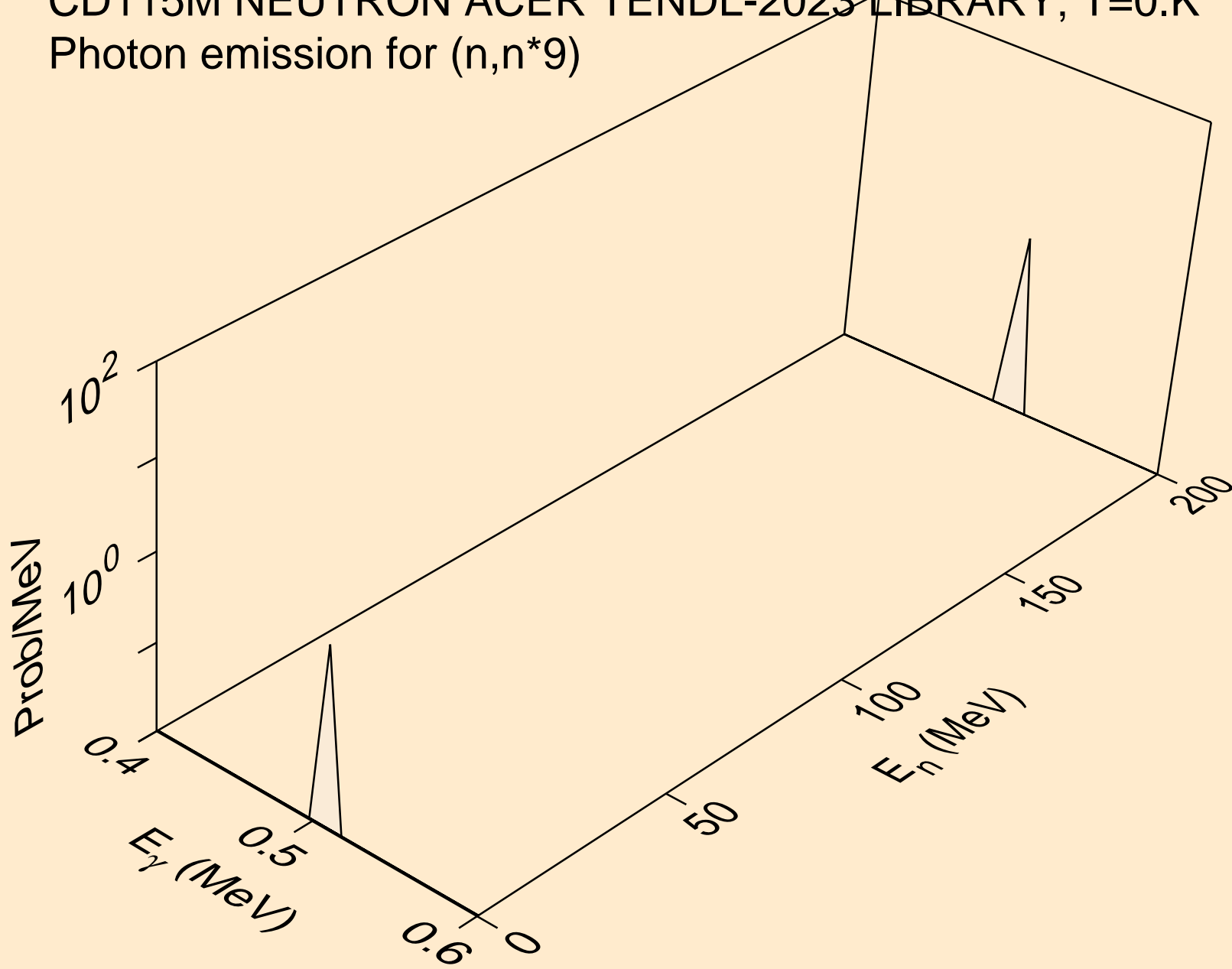
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Photon emission for (n,n\*7)



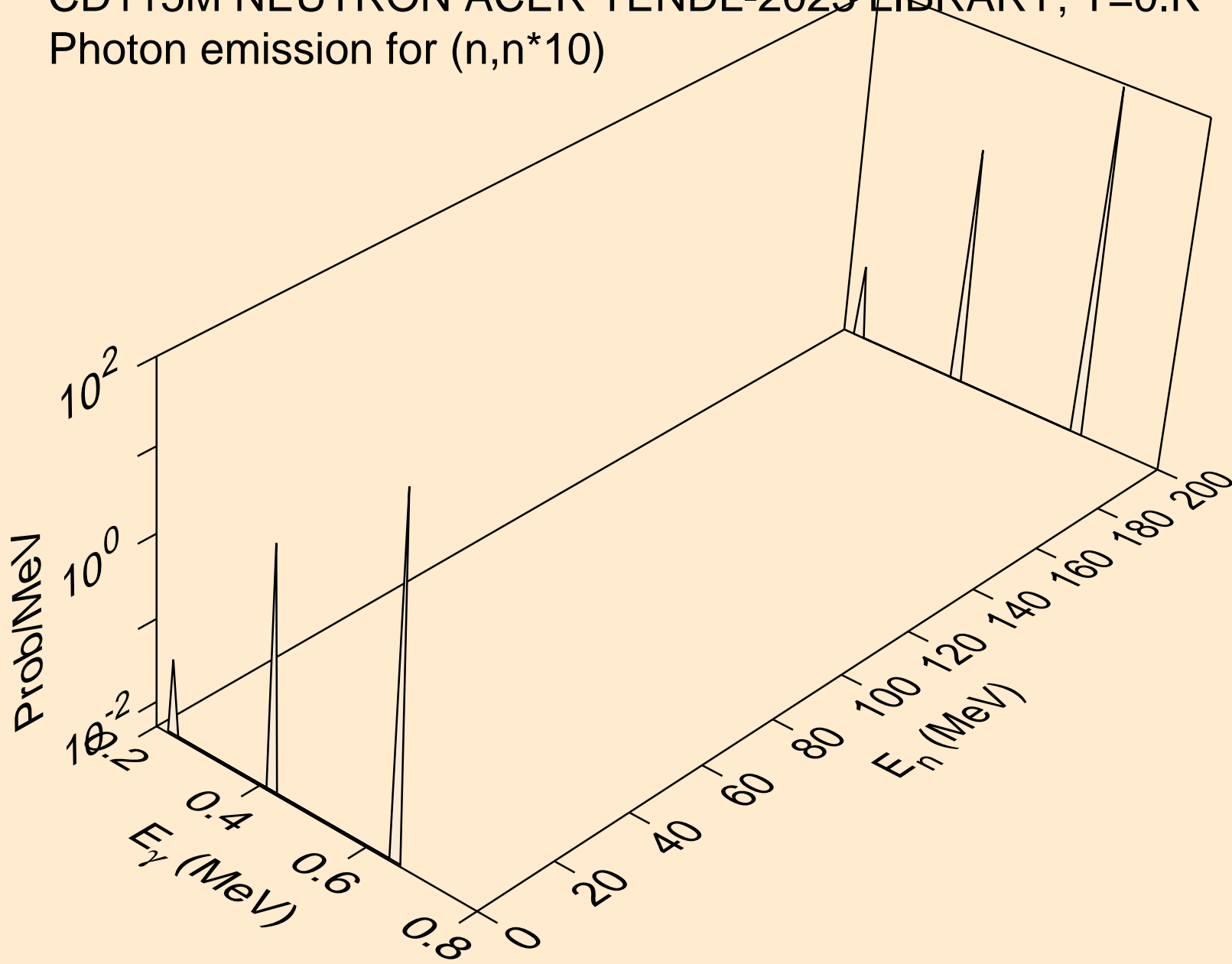
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Photon emission for (n,n\*8)



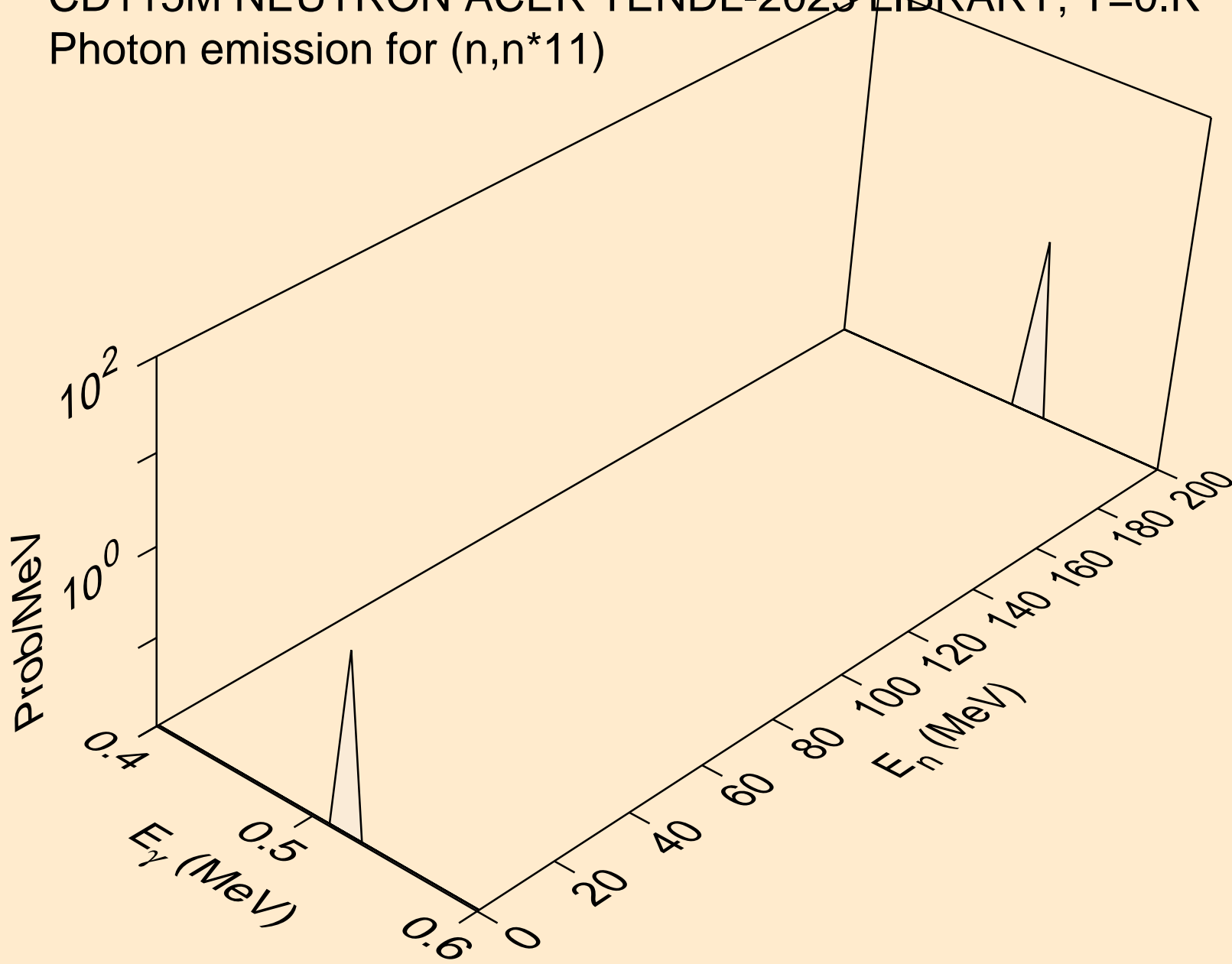
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Photon emission for (n,n\*9)



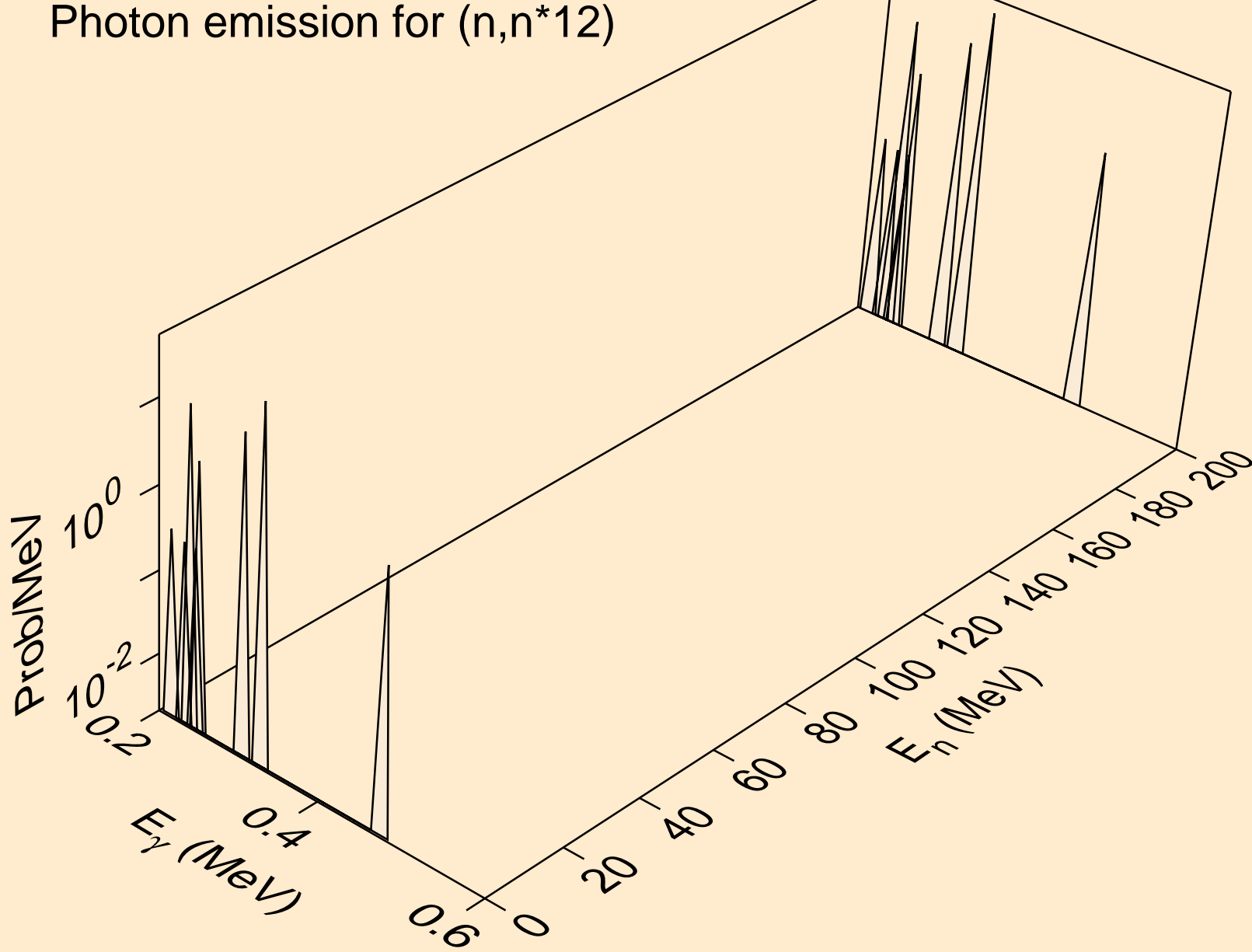
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Photon emission for (n,n\*10)



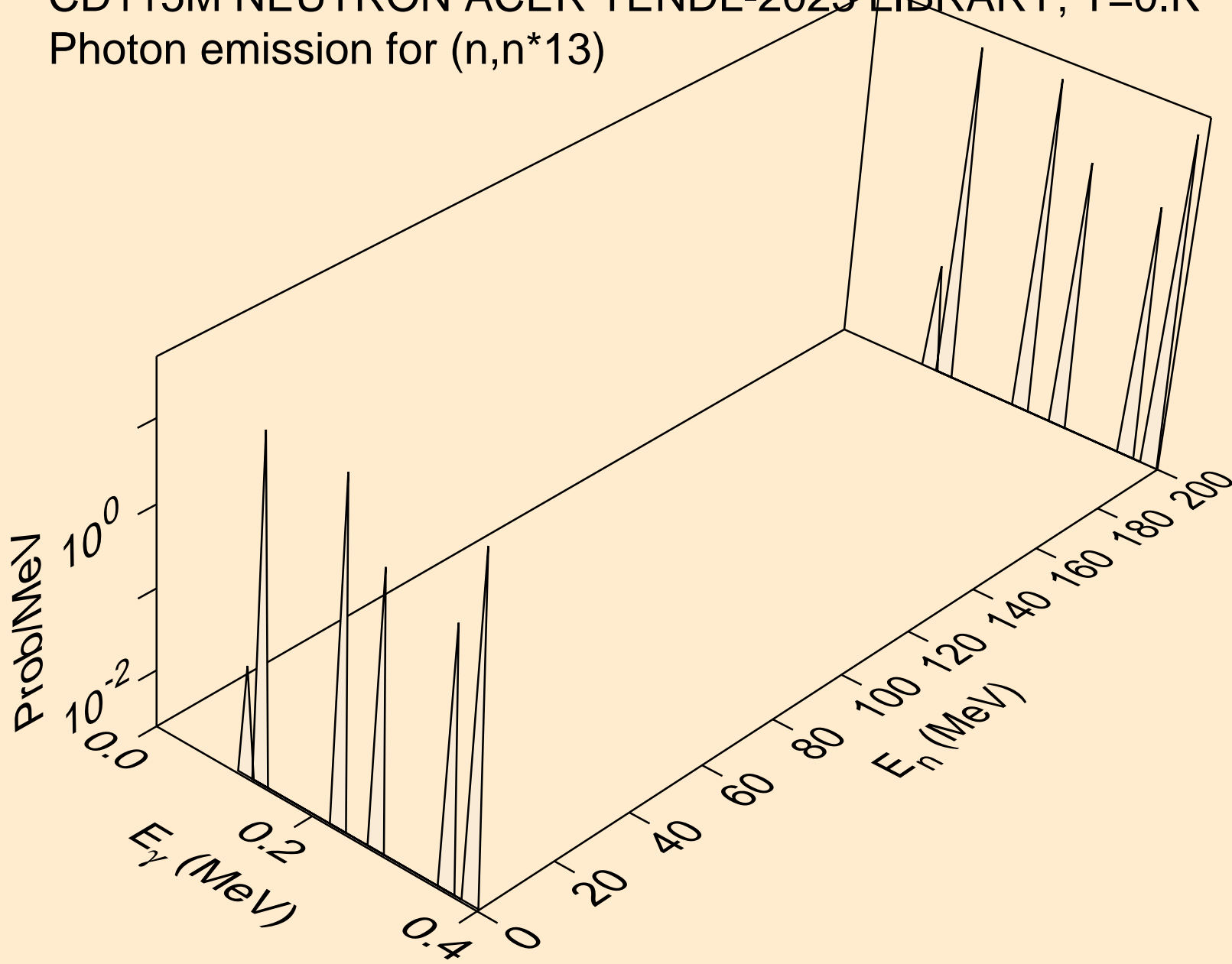
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Photon emission for (n,n\*11)



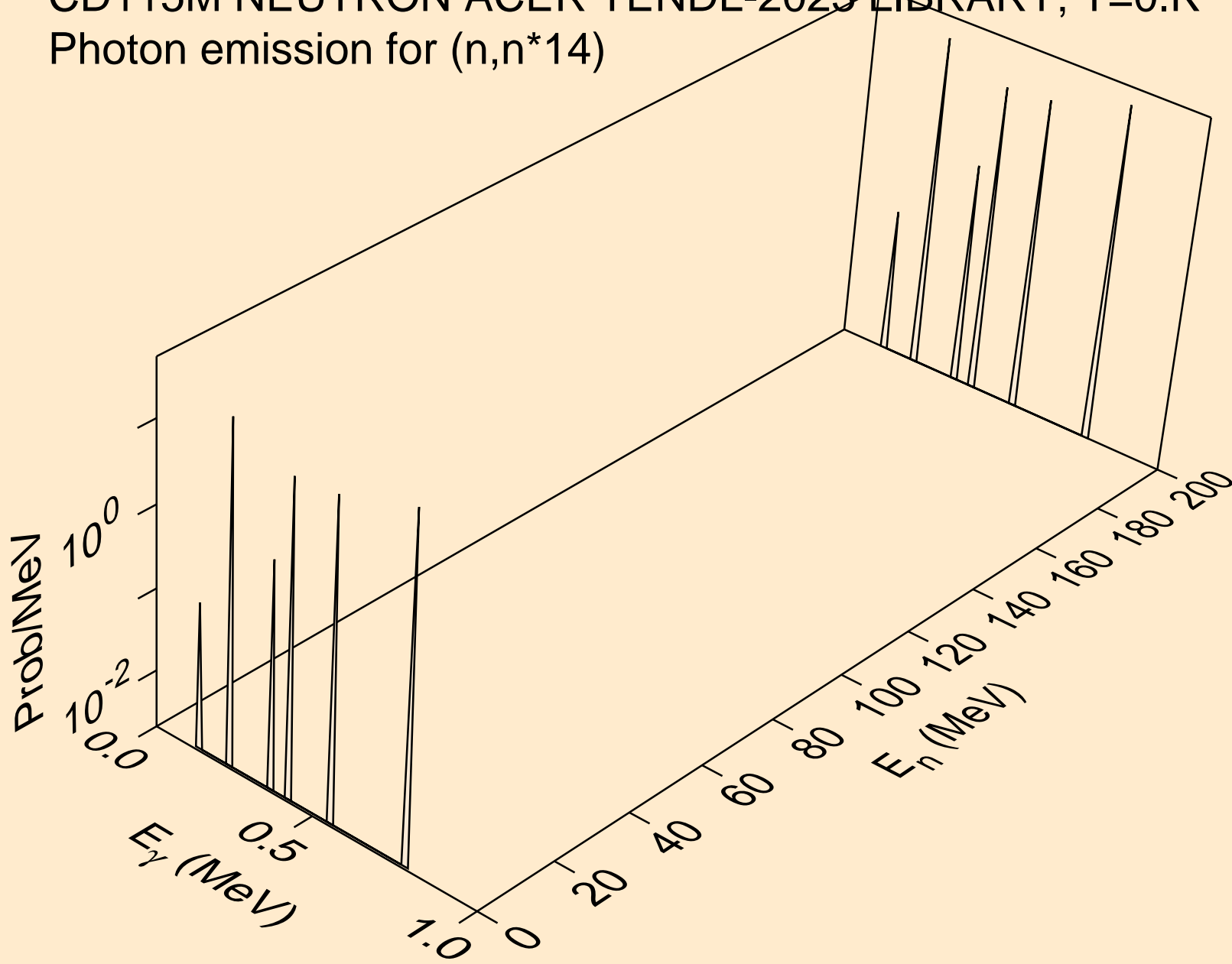
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*12)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*13)

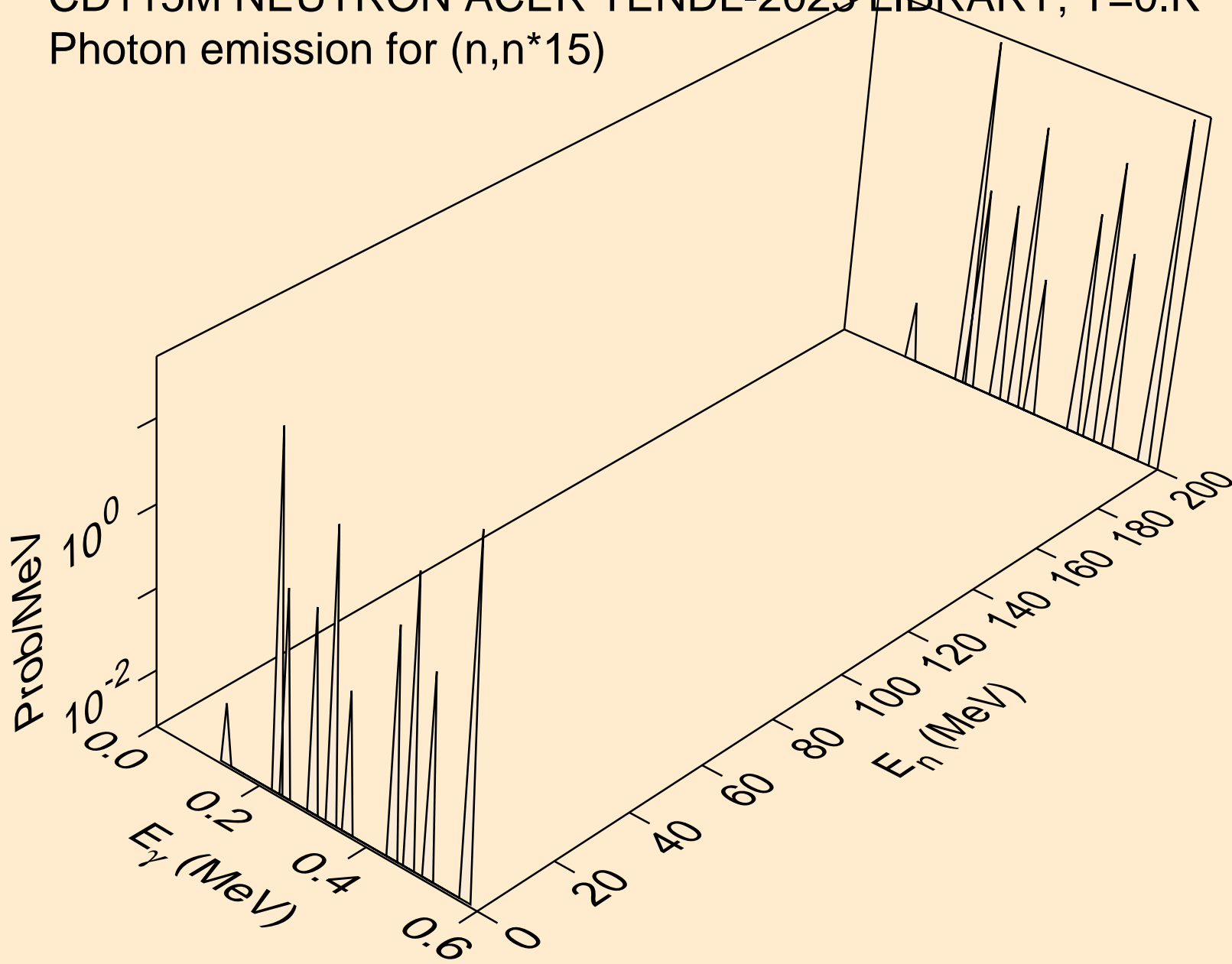


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Photon emission for (n,n\*14)

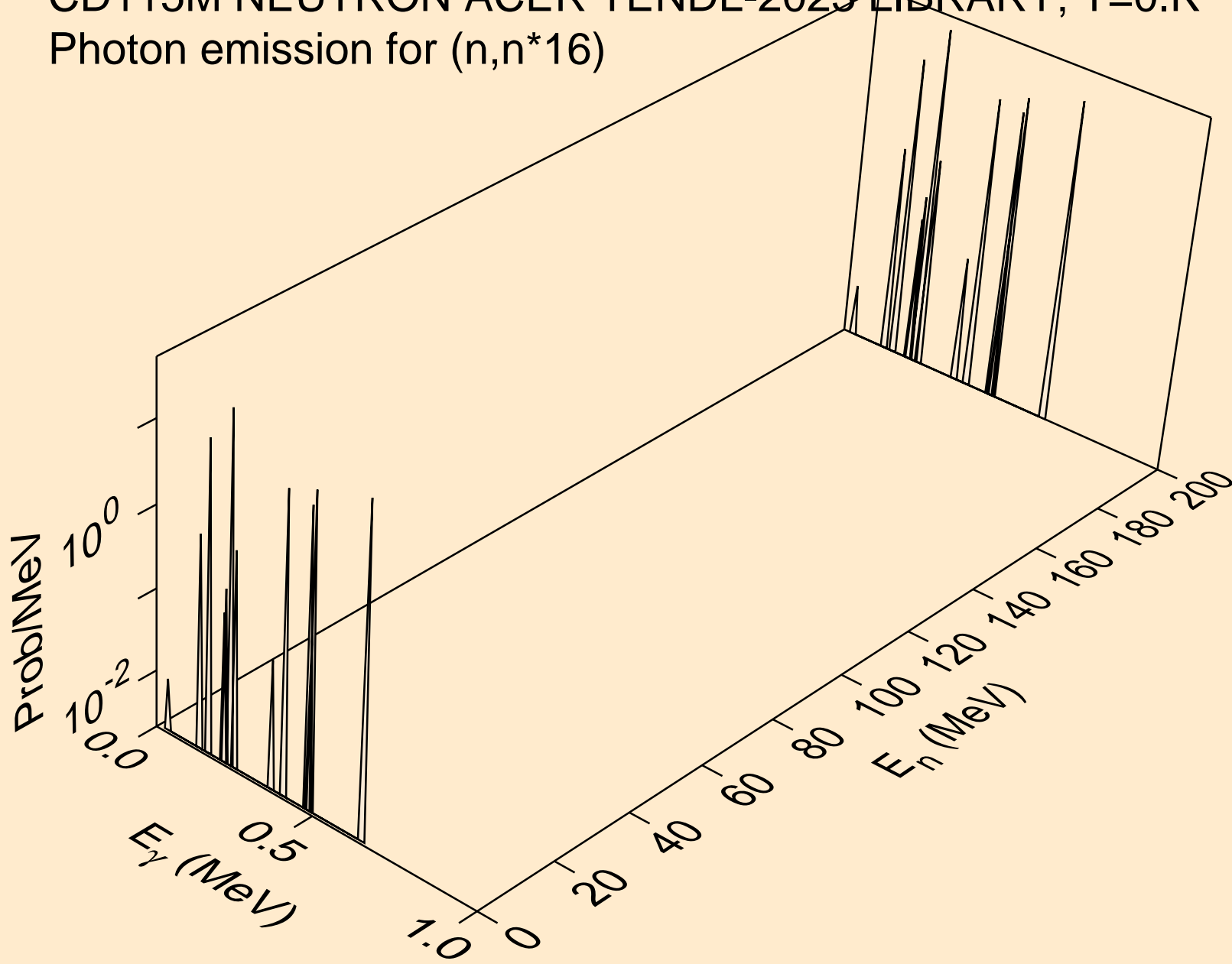




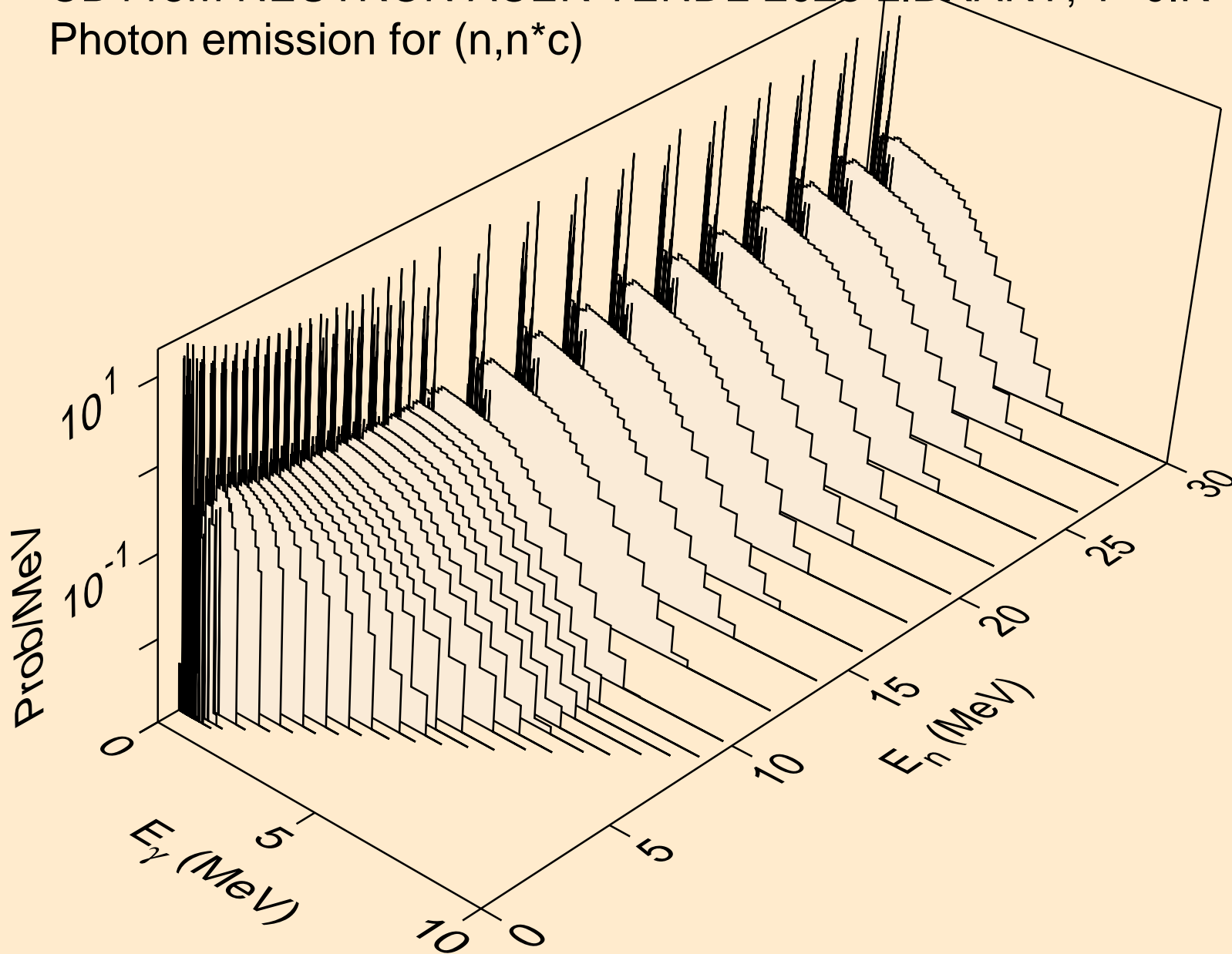
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Photon emission for (n,n\*15)



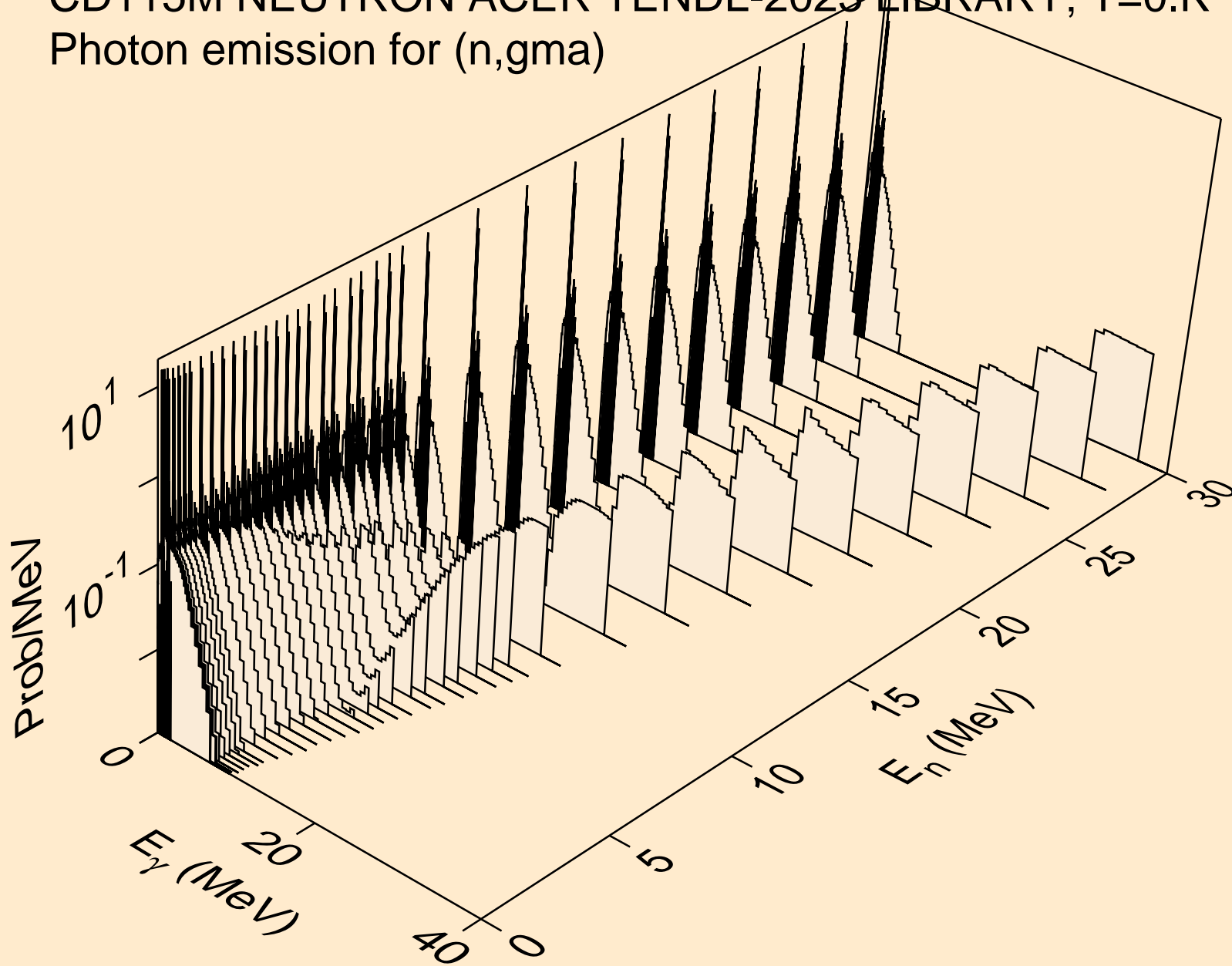
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Photon emission for (n,n\*16)



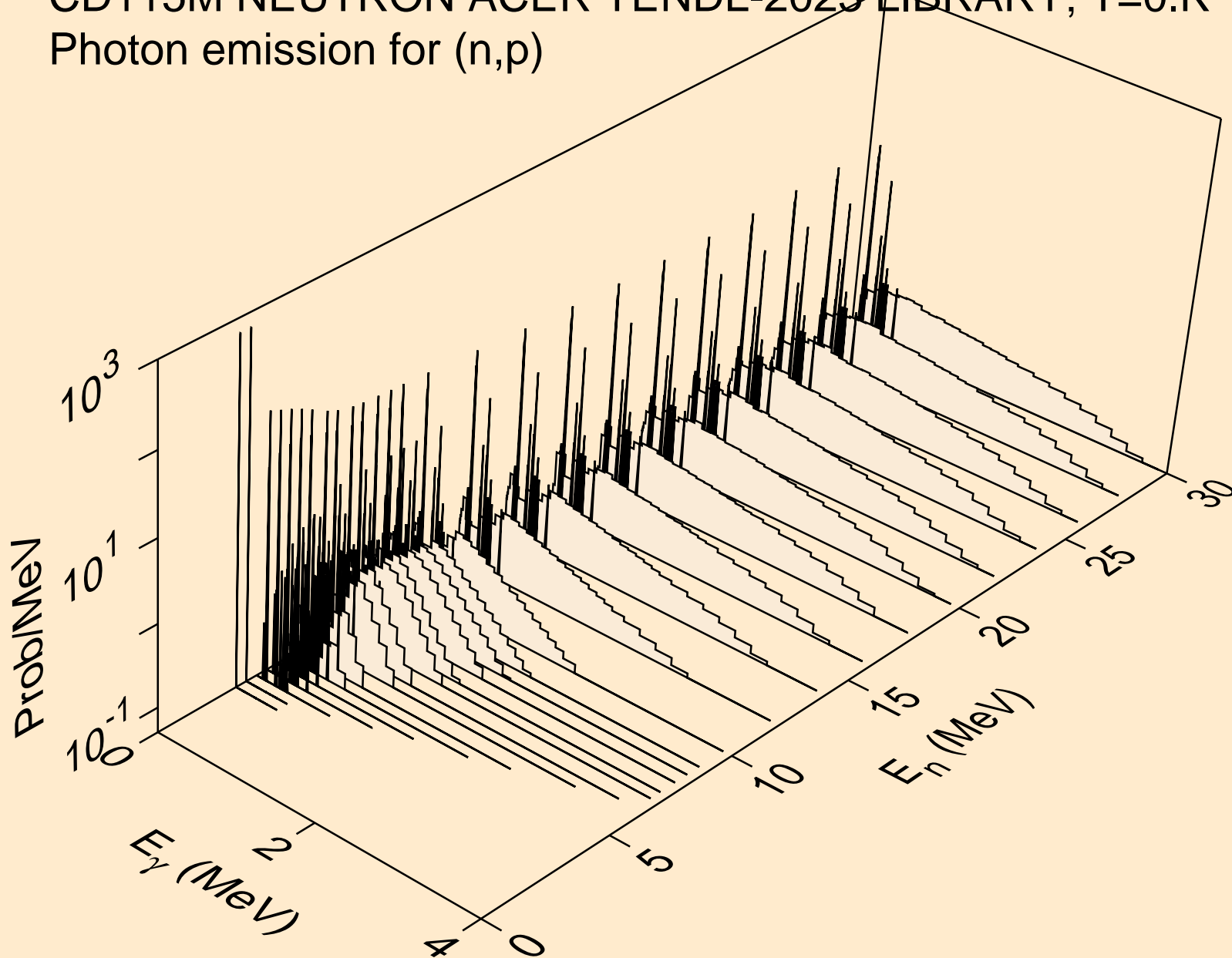
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Photon emission for (n,n\*c)



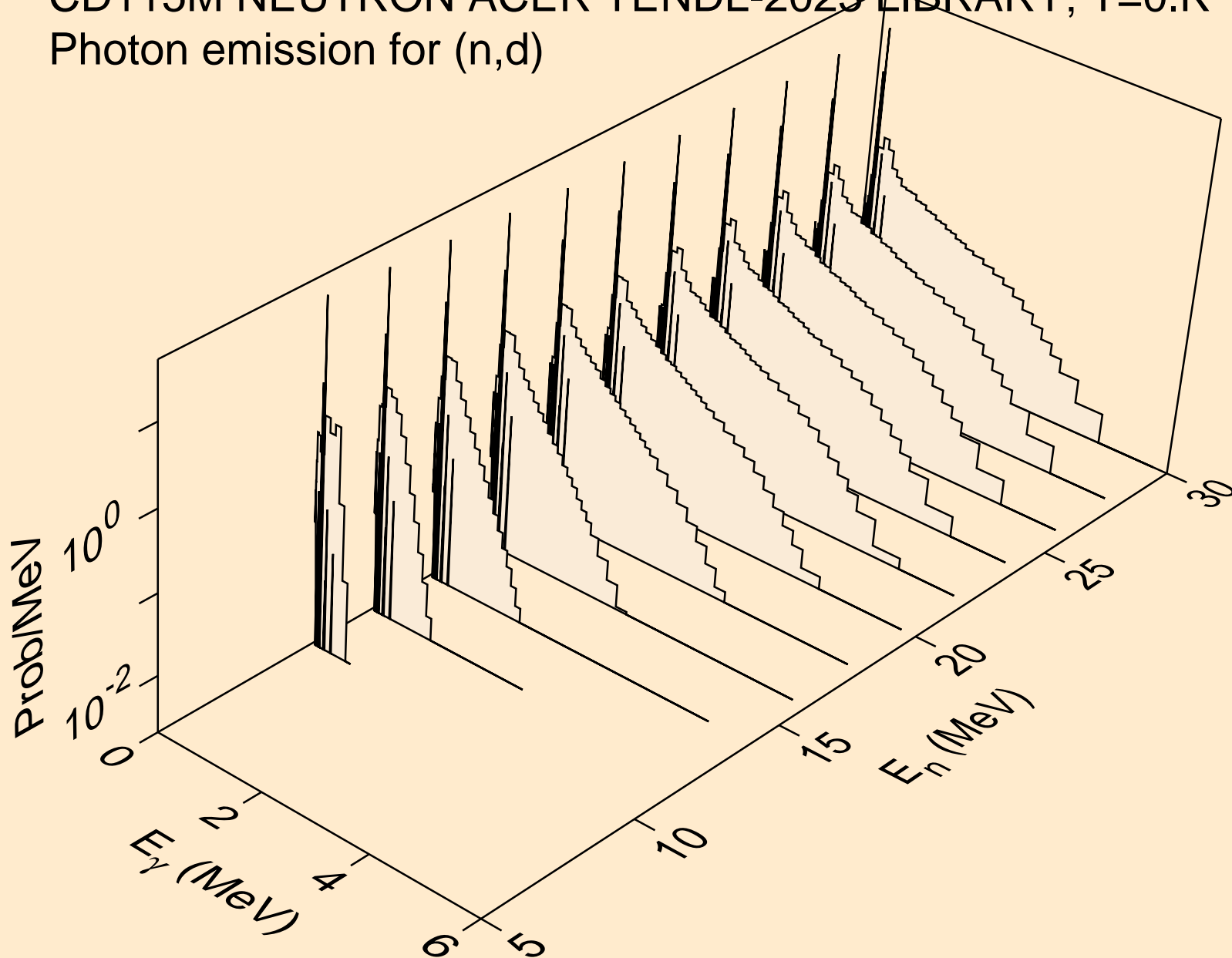
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Photon emission for (n,gma)



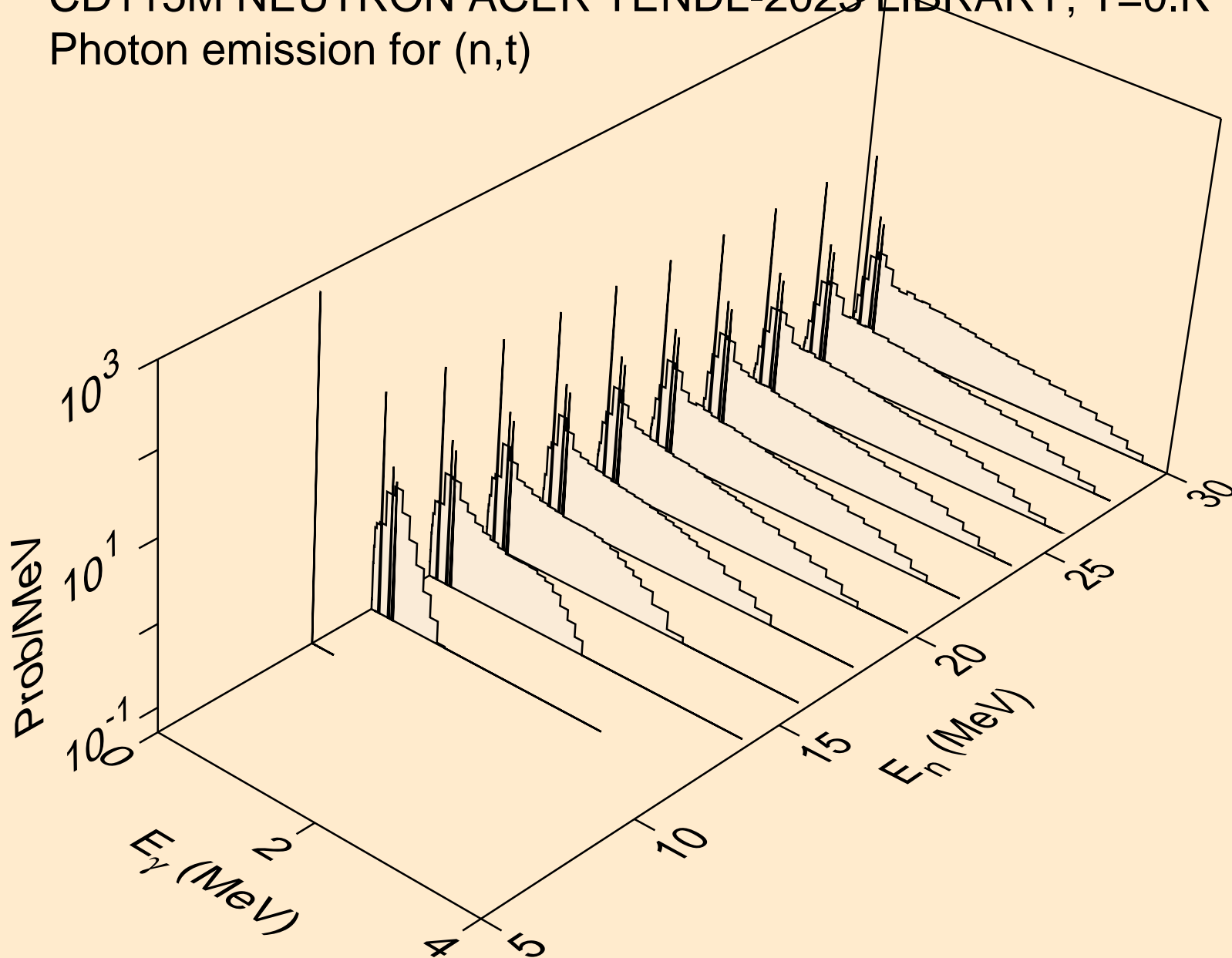
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Photon emission for (n,p)



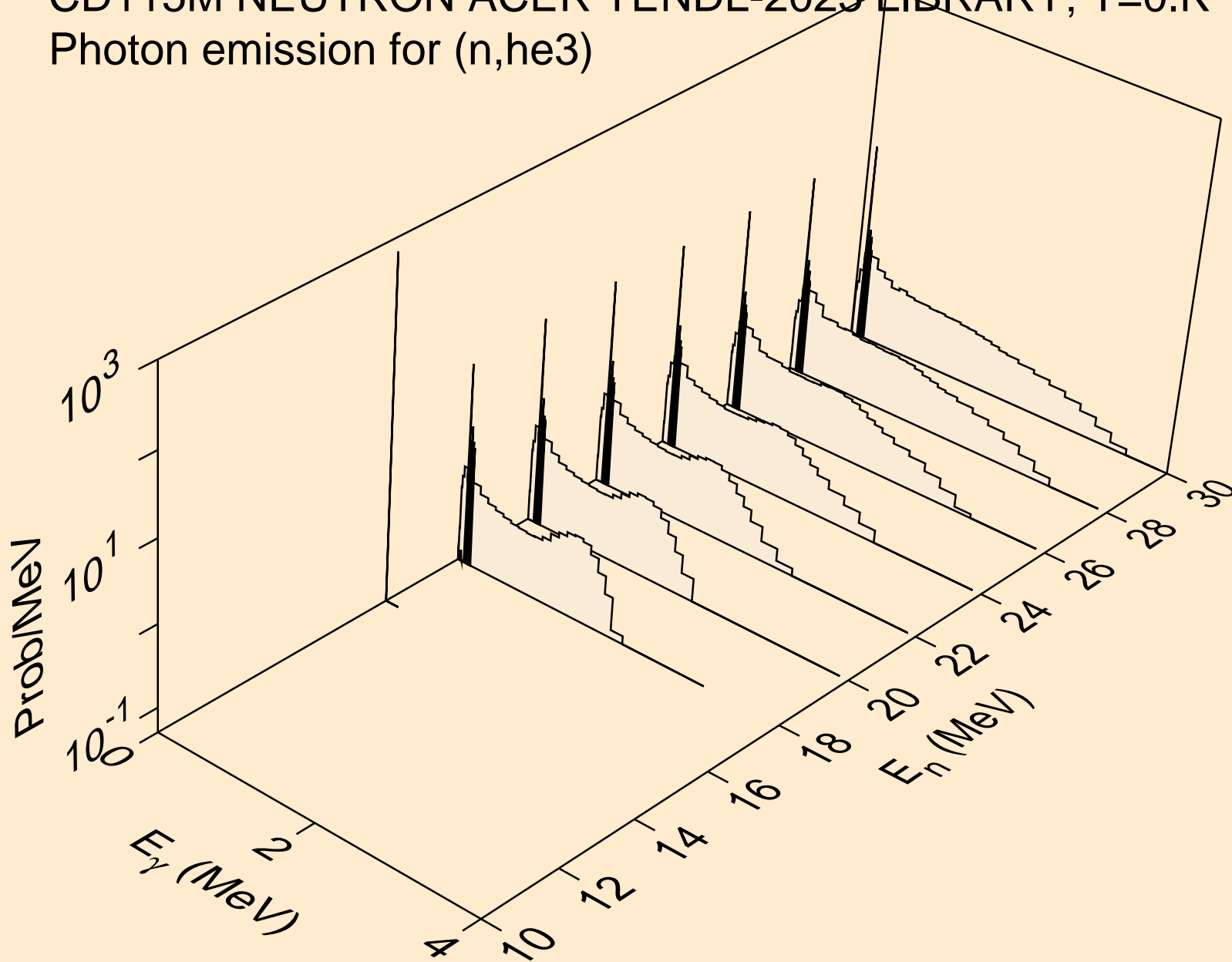
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

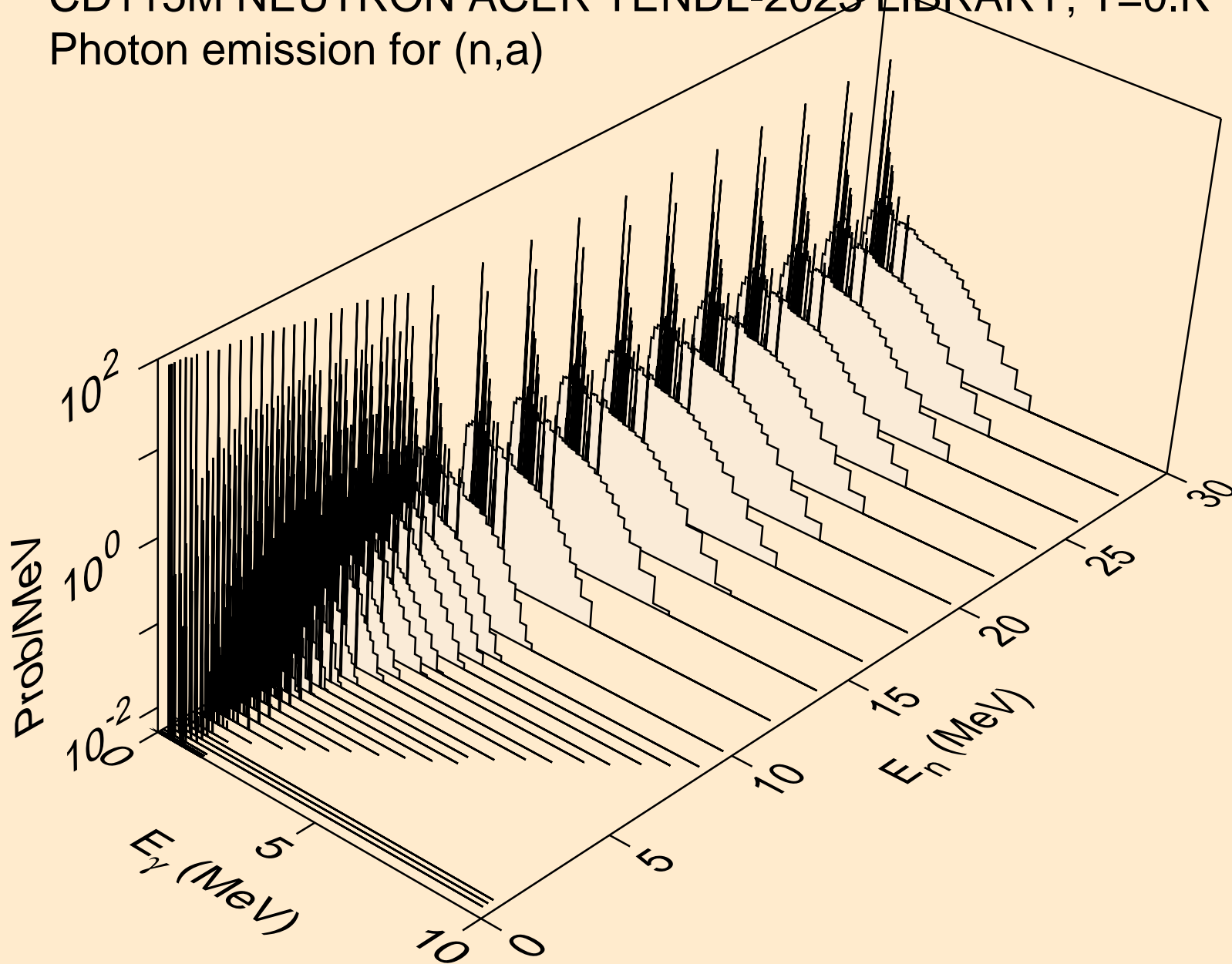


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Photon emission for (n,he3)

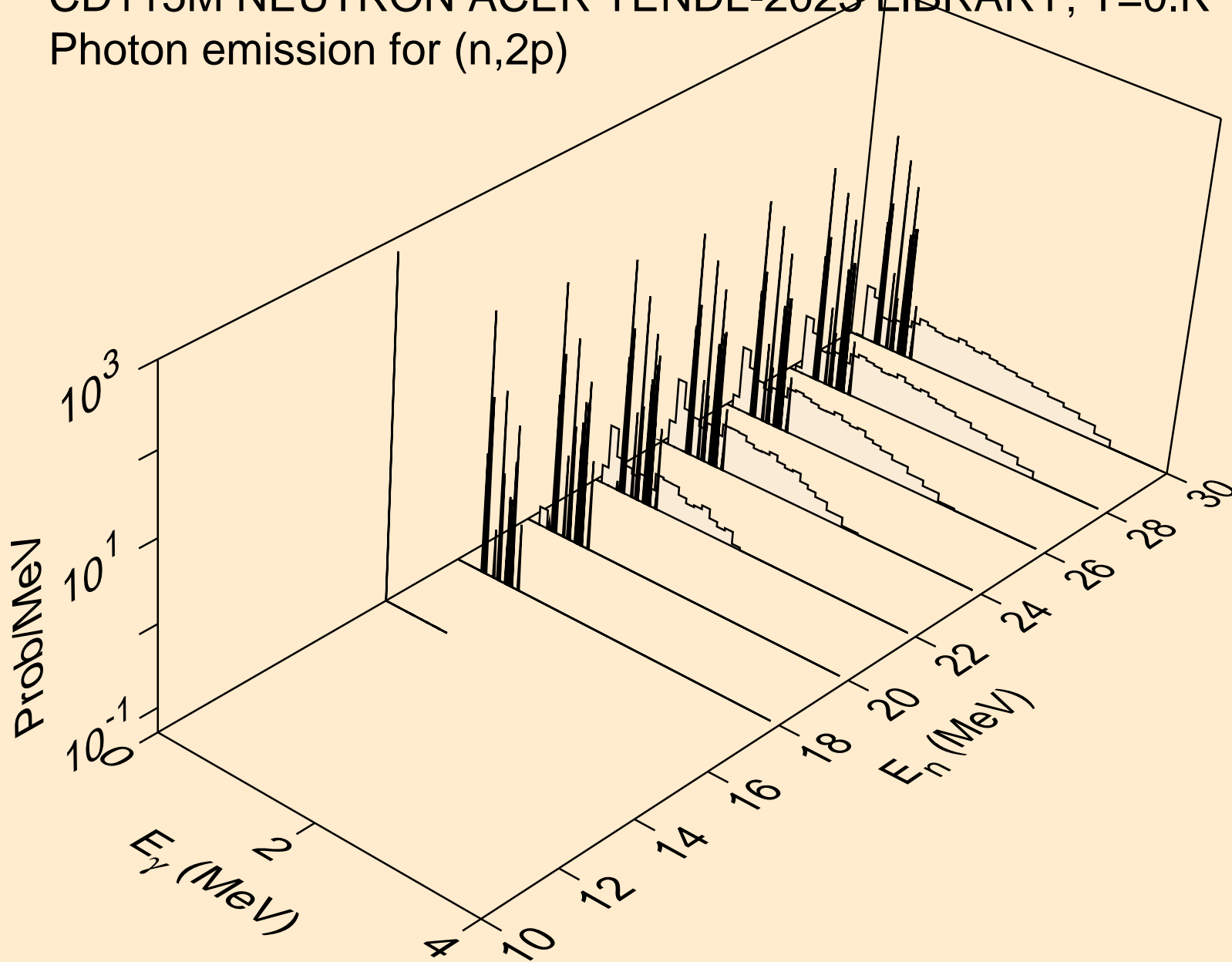




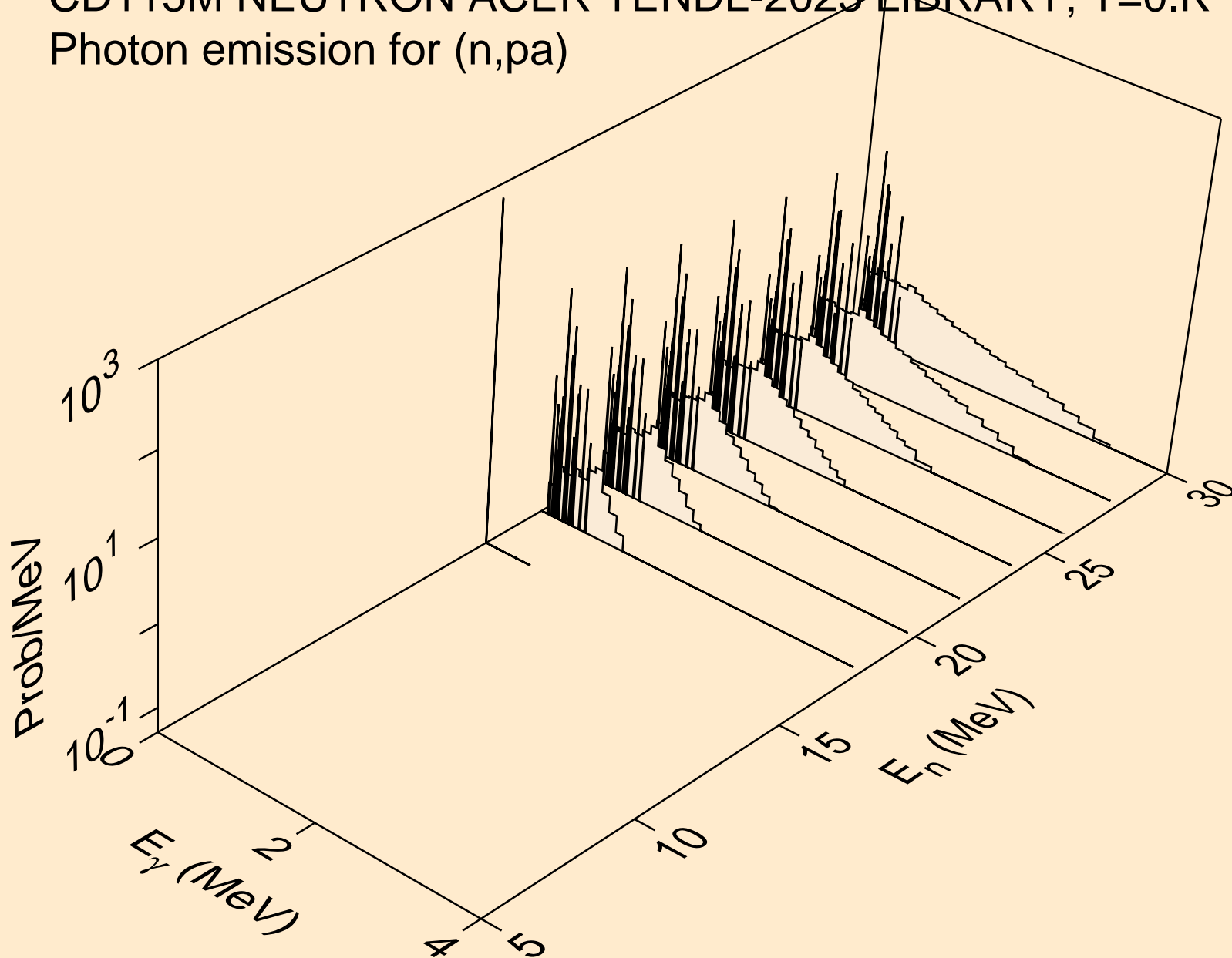
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Photon emission for (n,a)



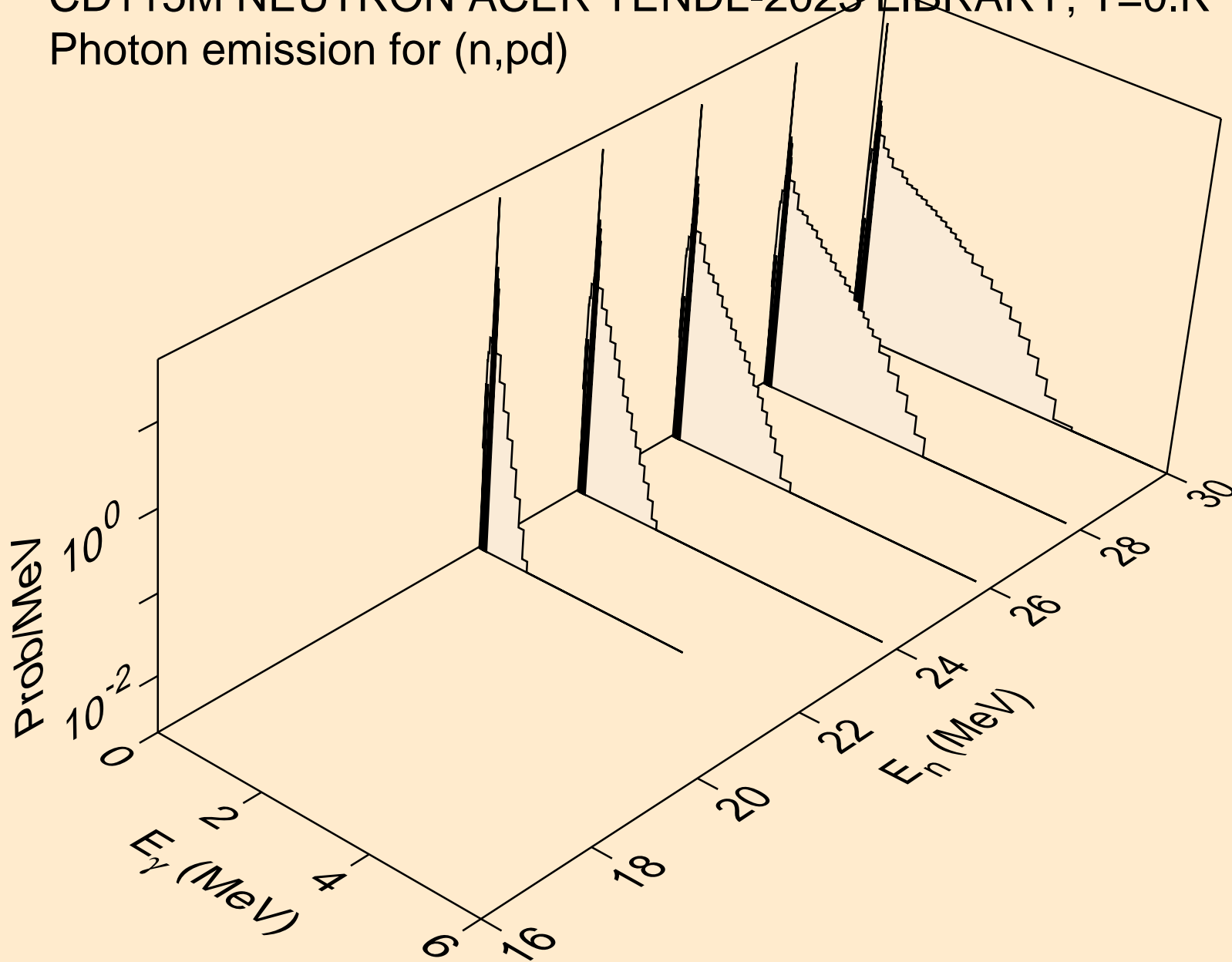
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Photon emission for (n,2p)



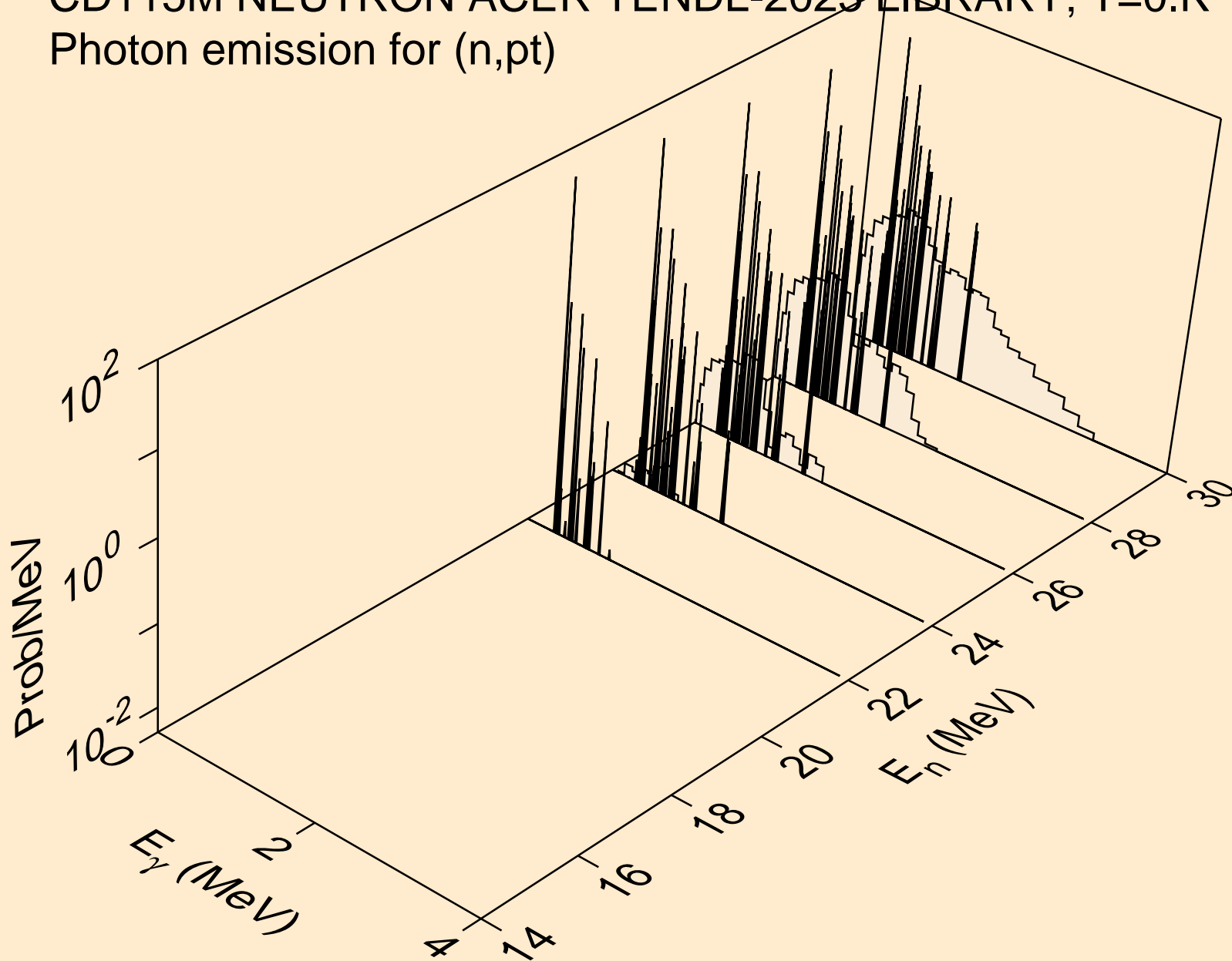
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Photon emission for (n,p $\alpha$ )



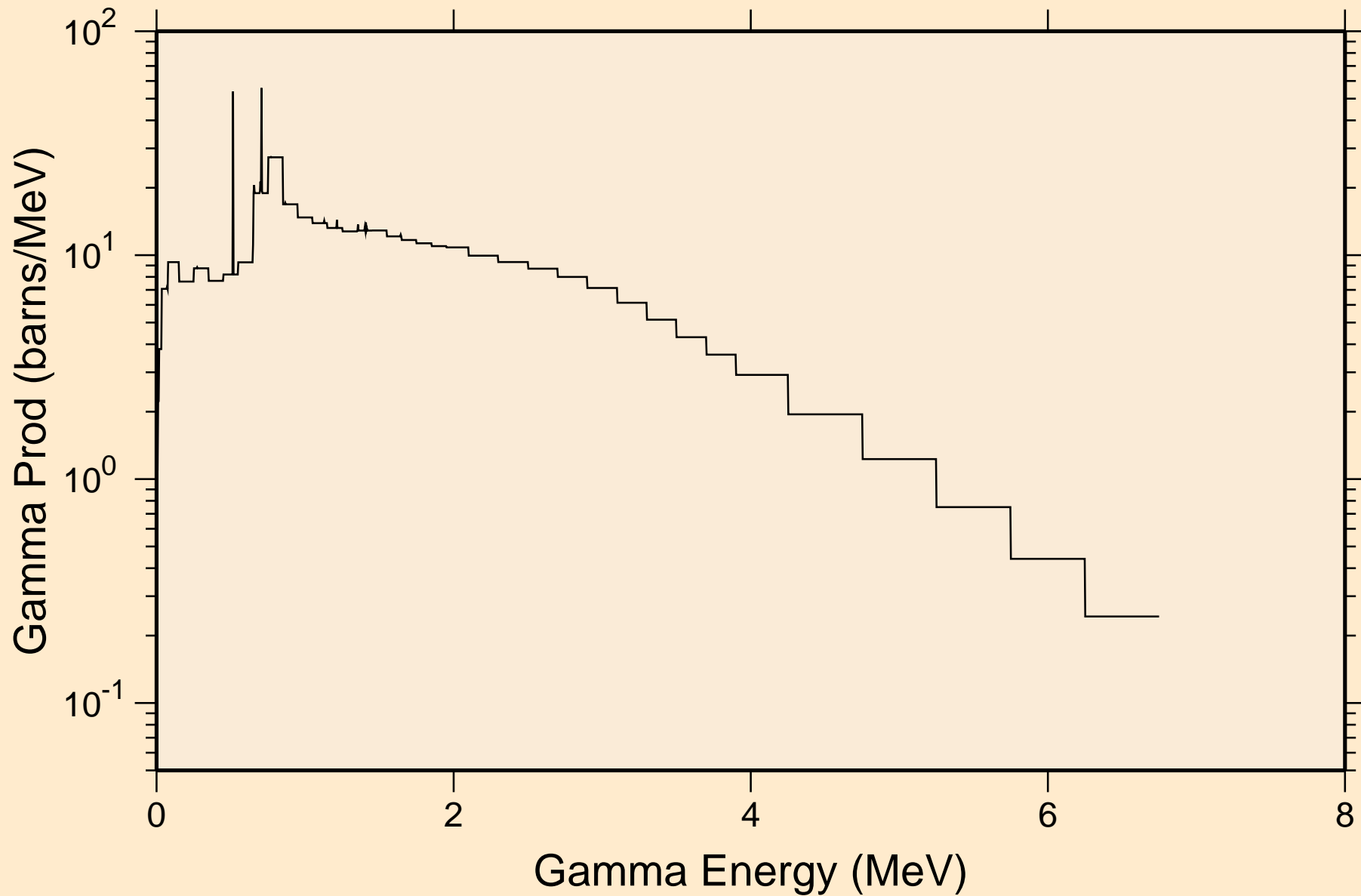
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Photon emission for (n,pd)



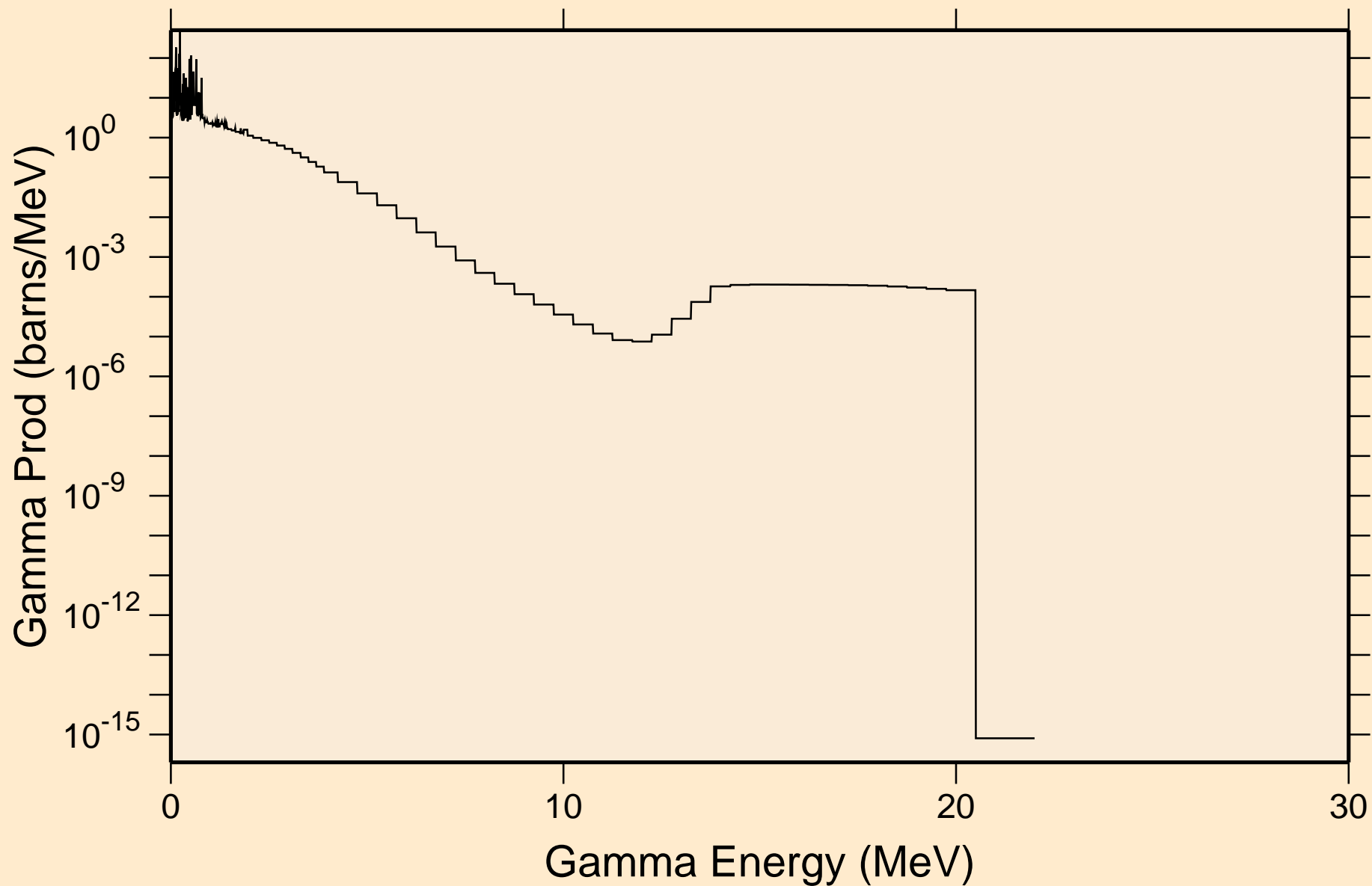
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

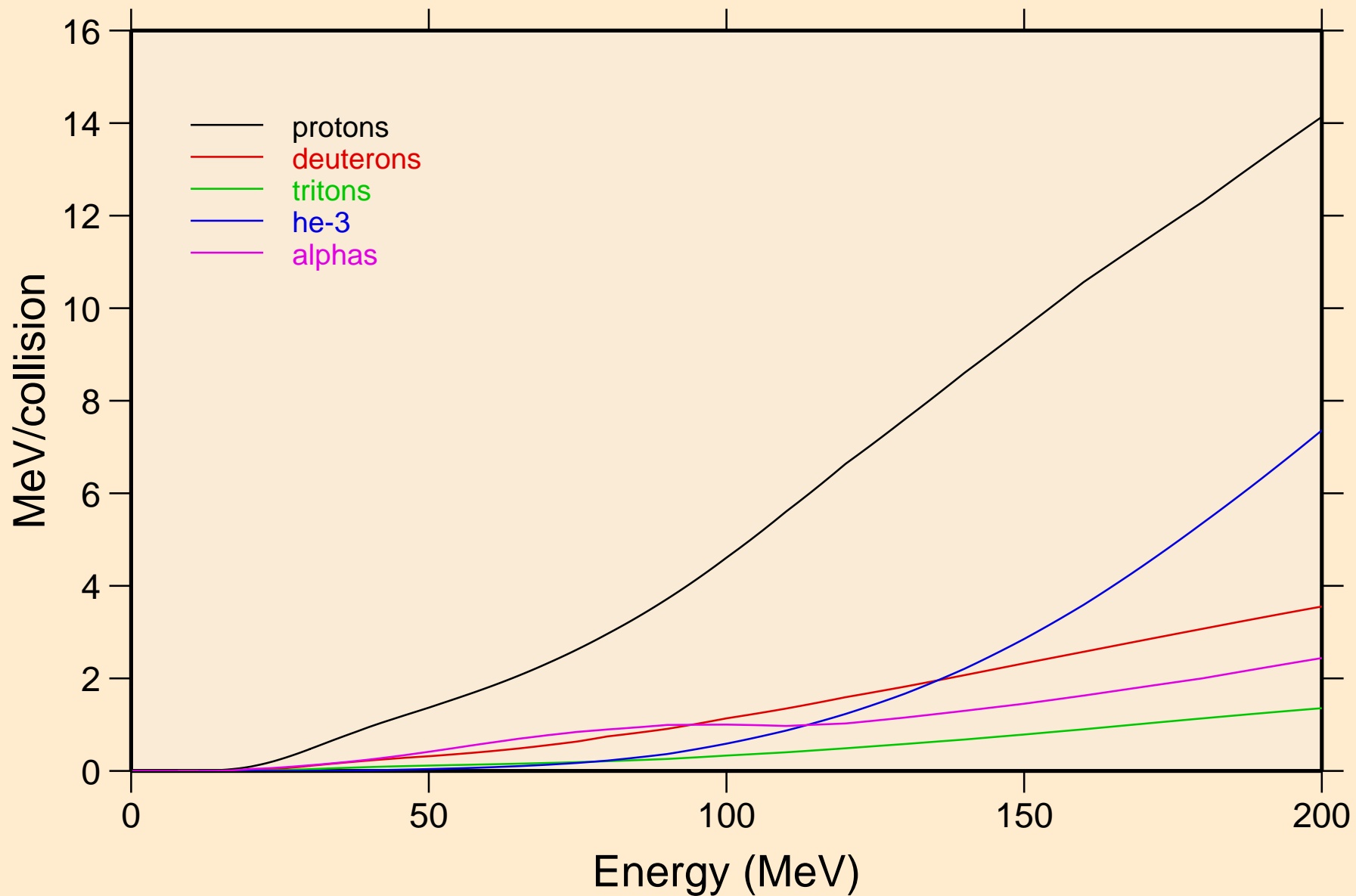


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



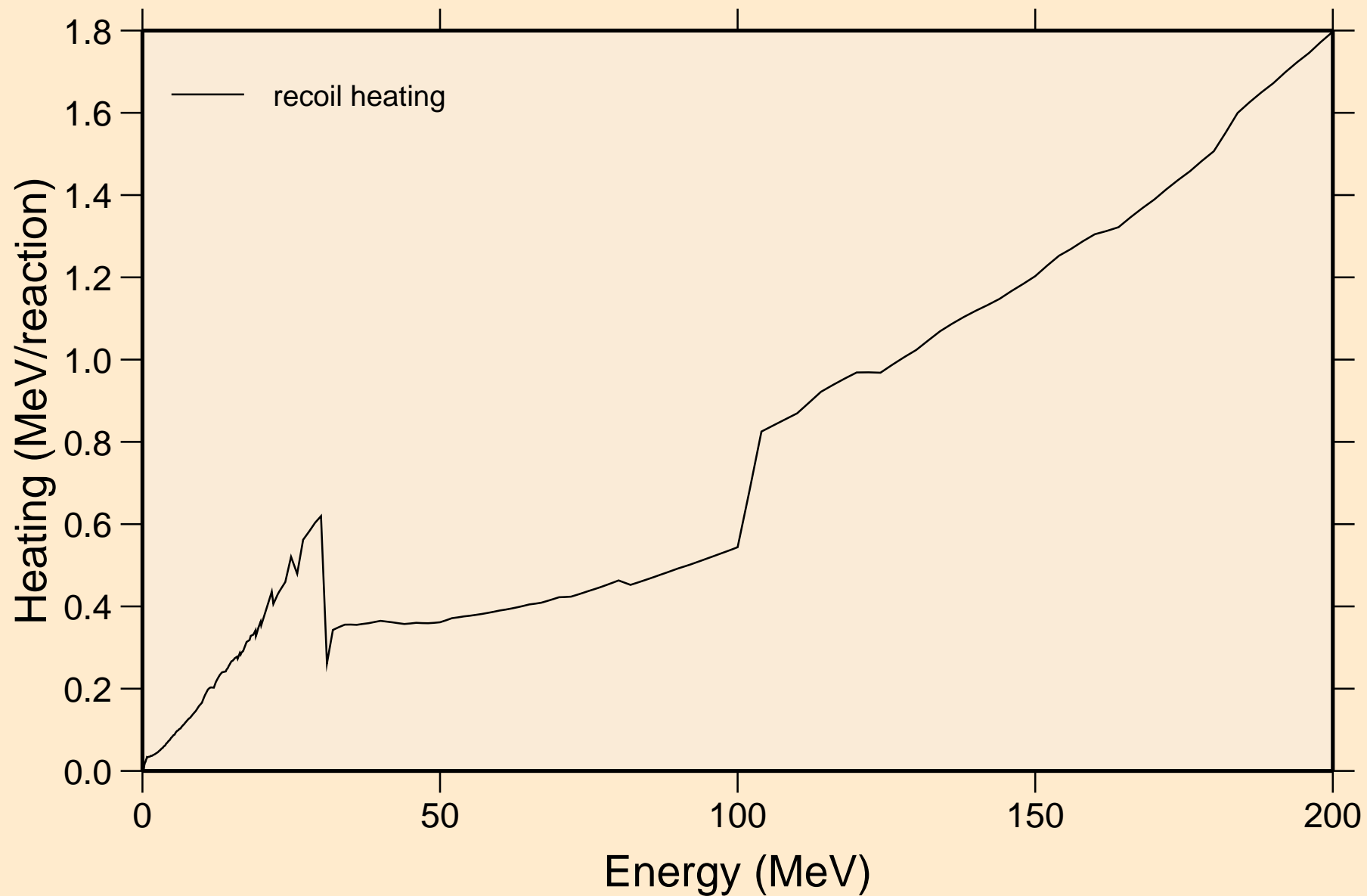
# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



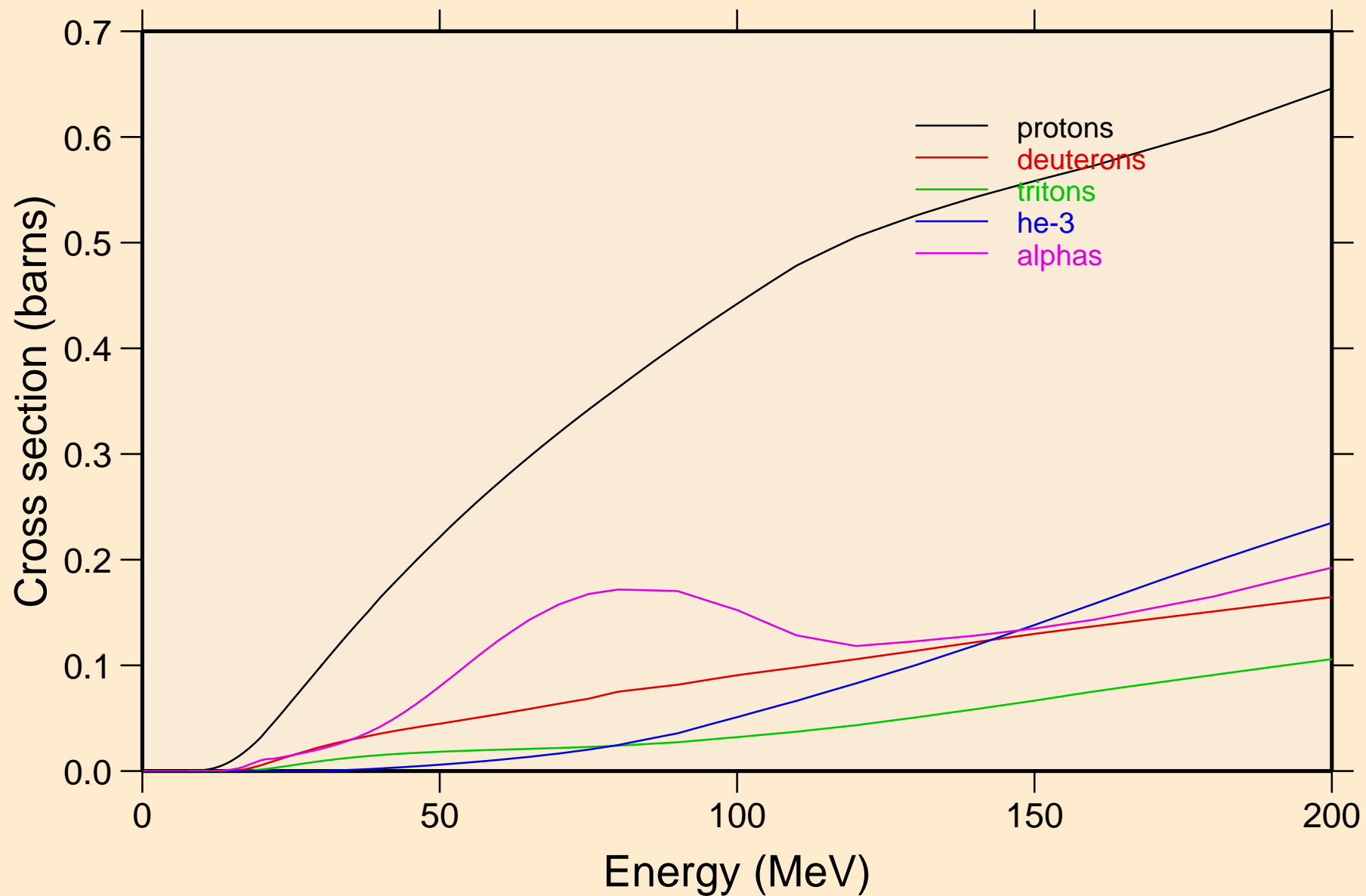


CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

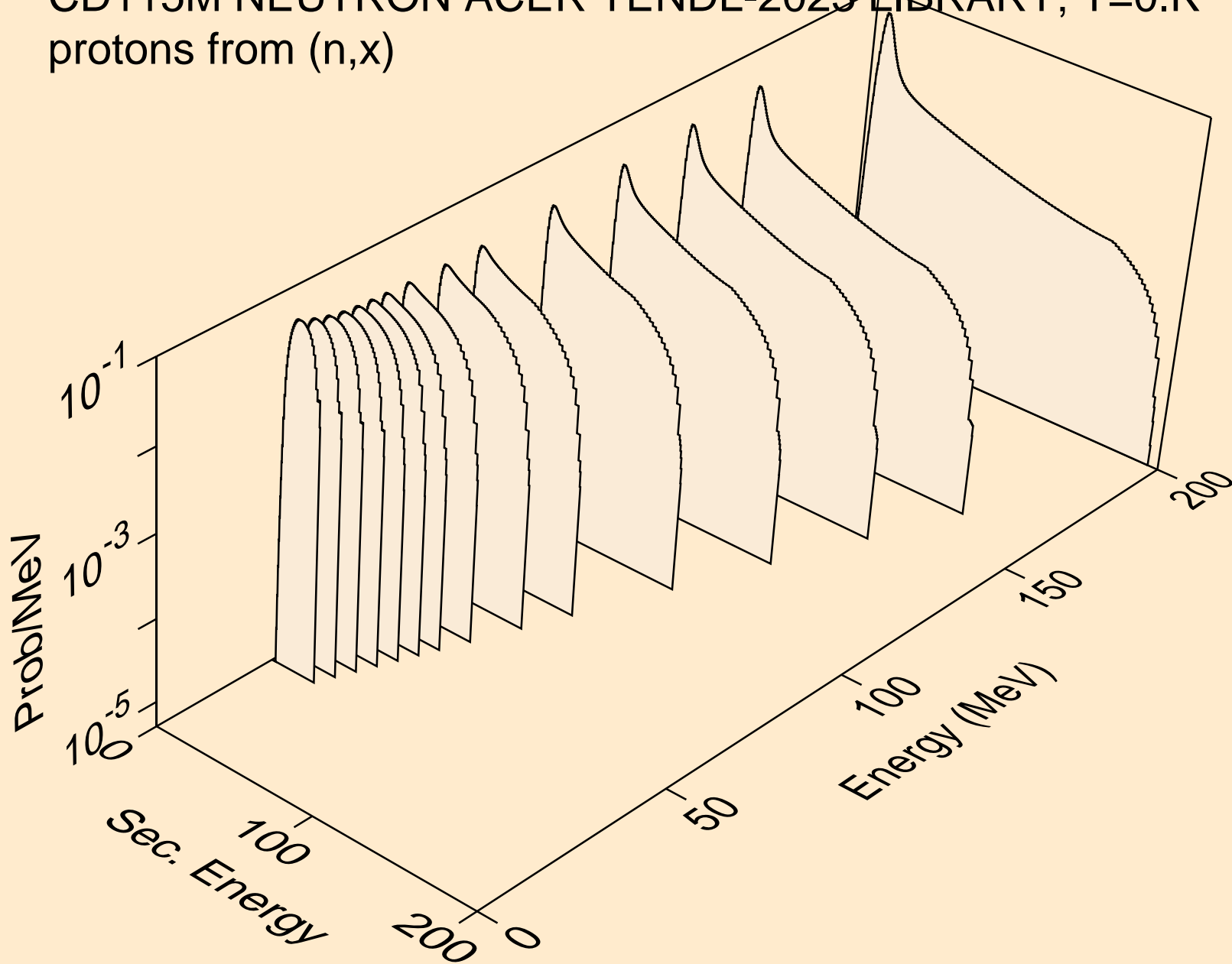


# CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

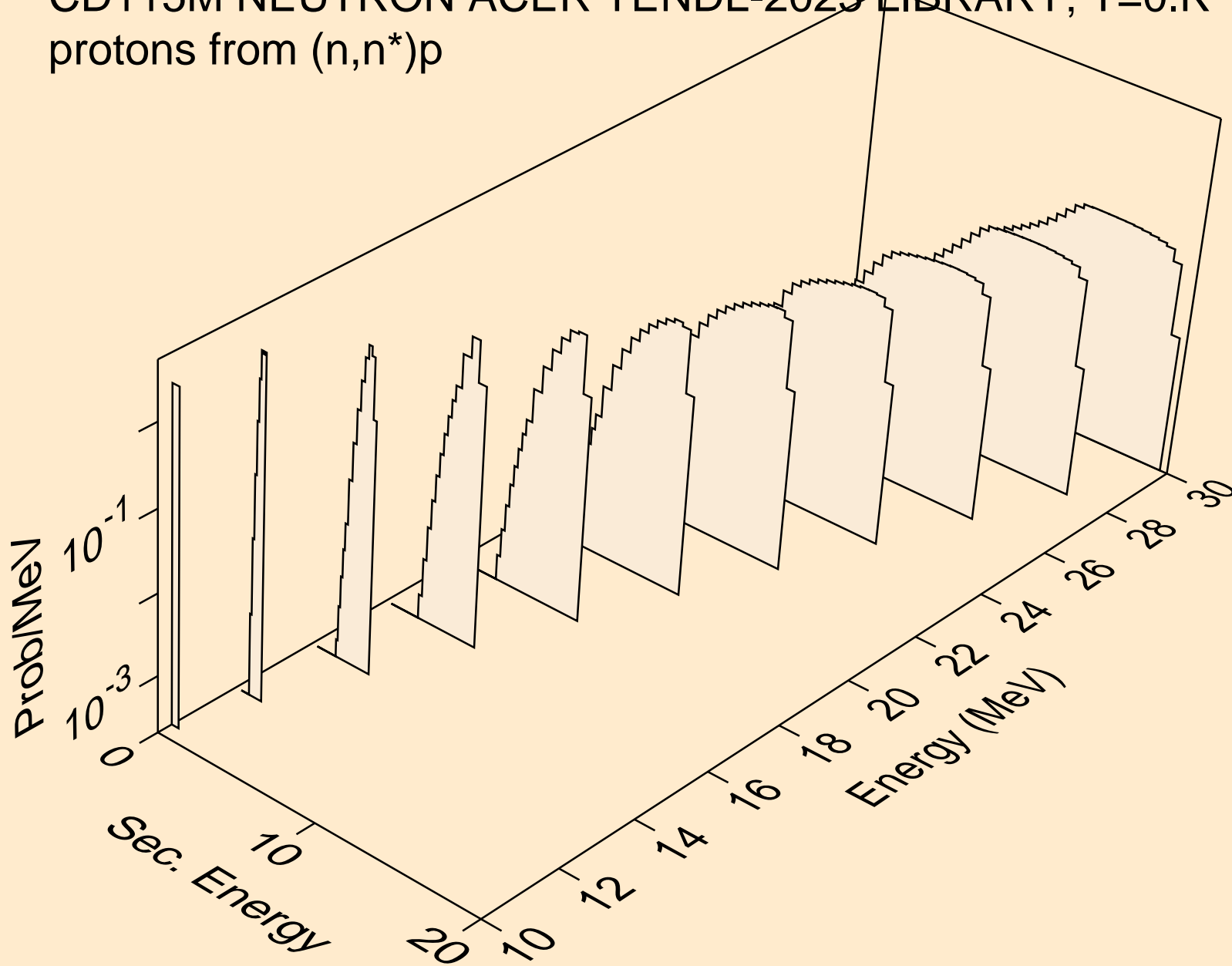
## Particle production cross sections



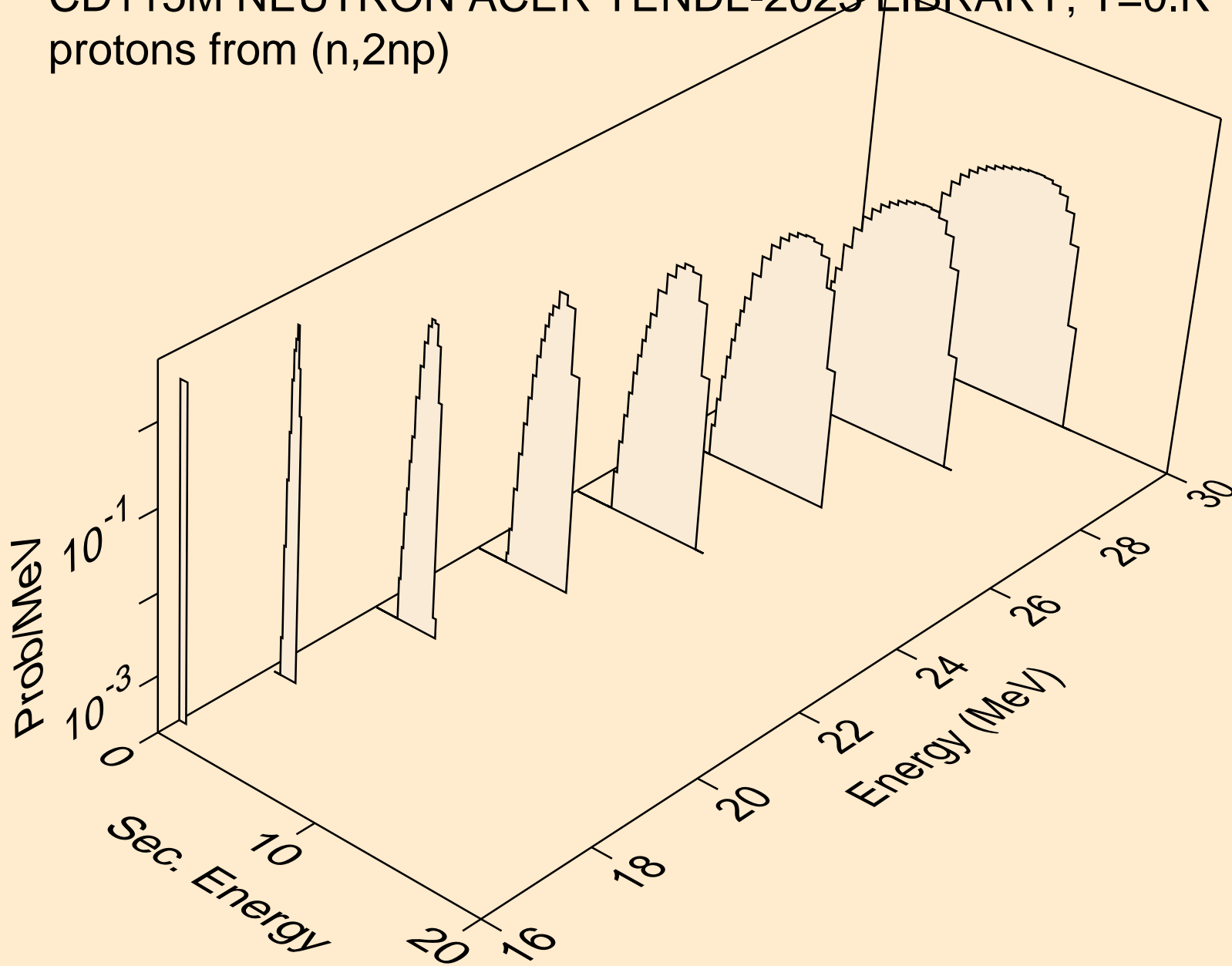
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



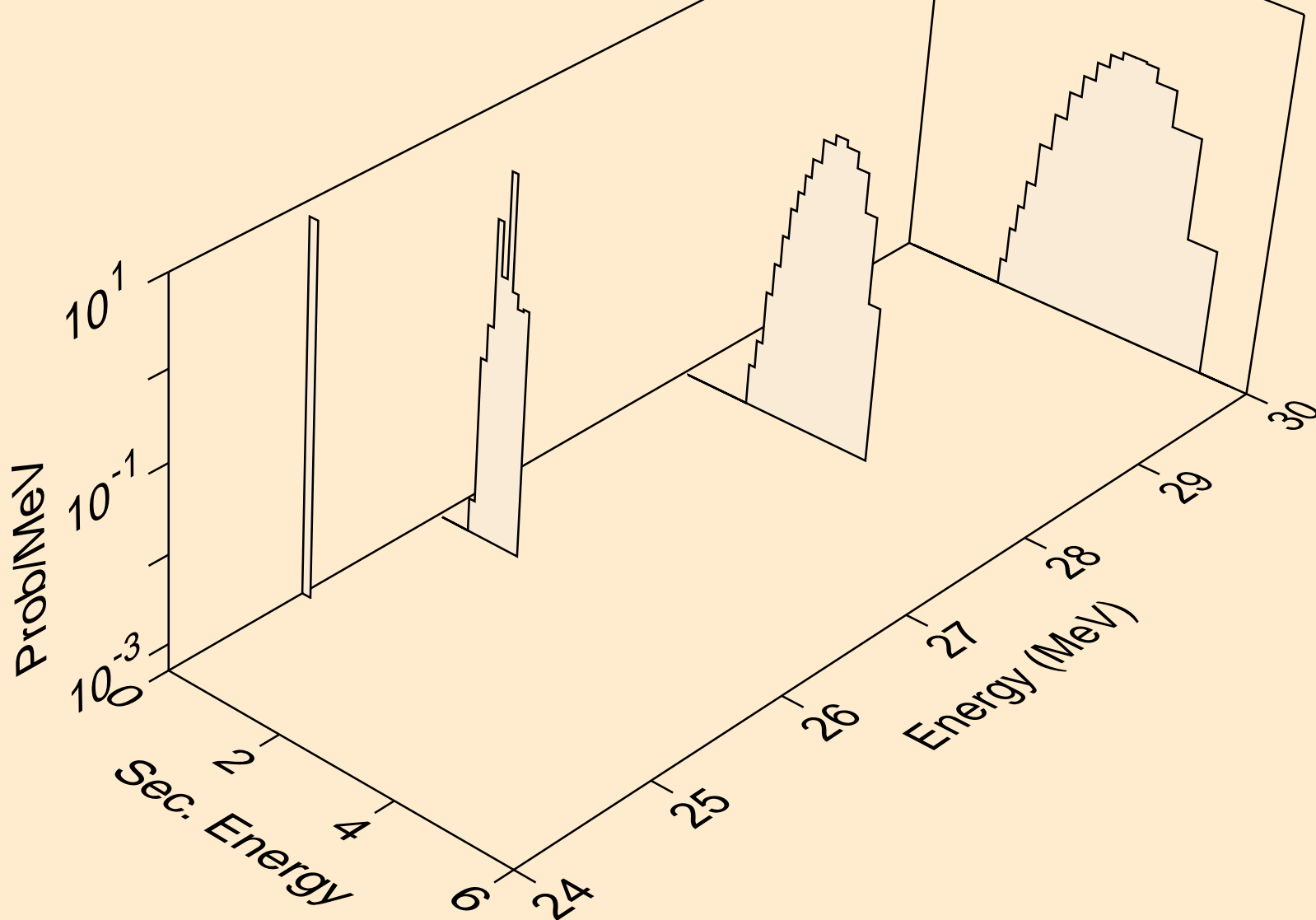
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



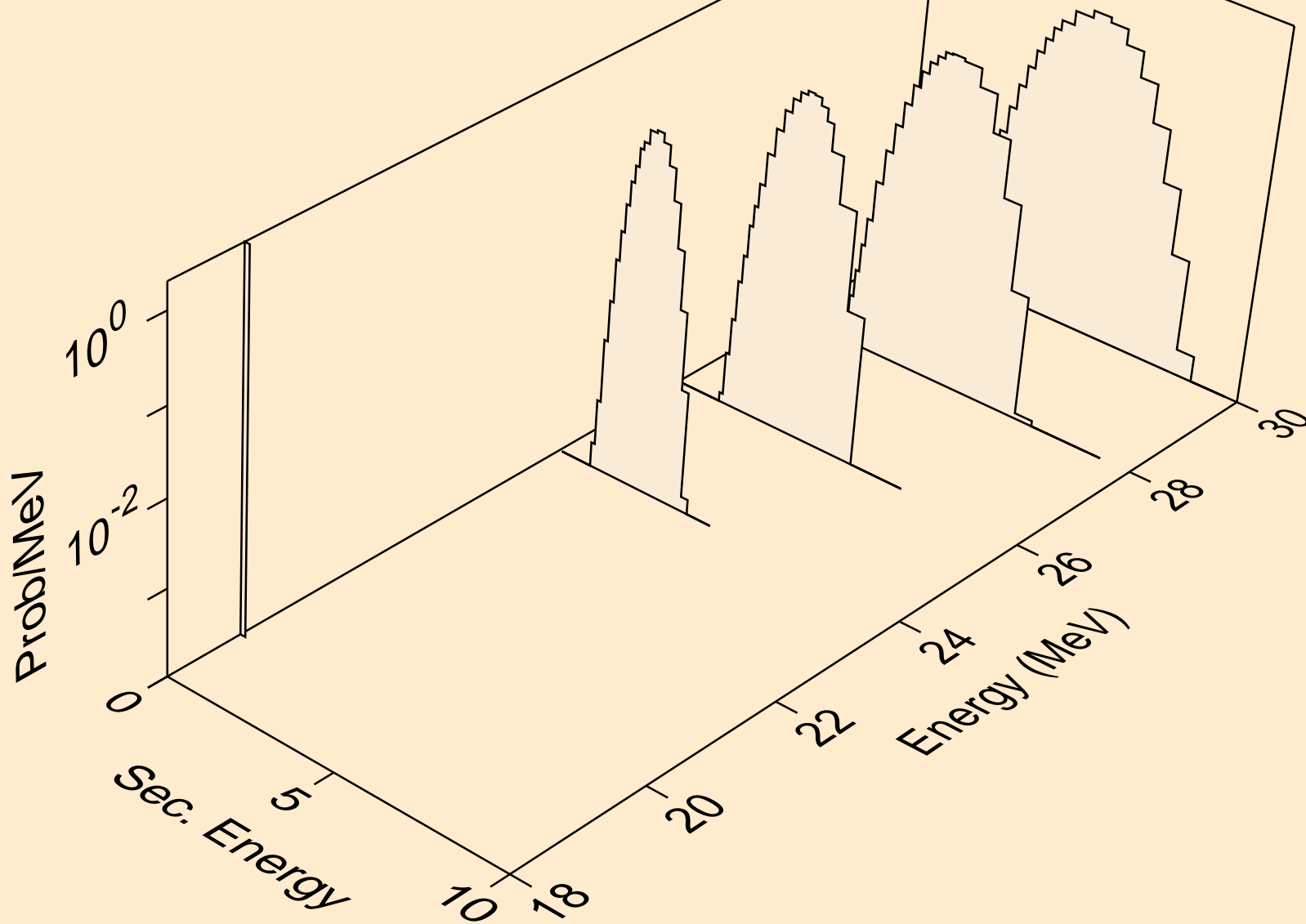
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protons from (n,2np)



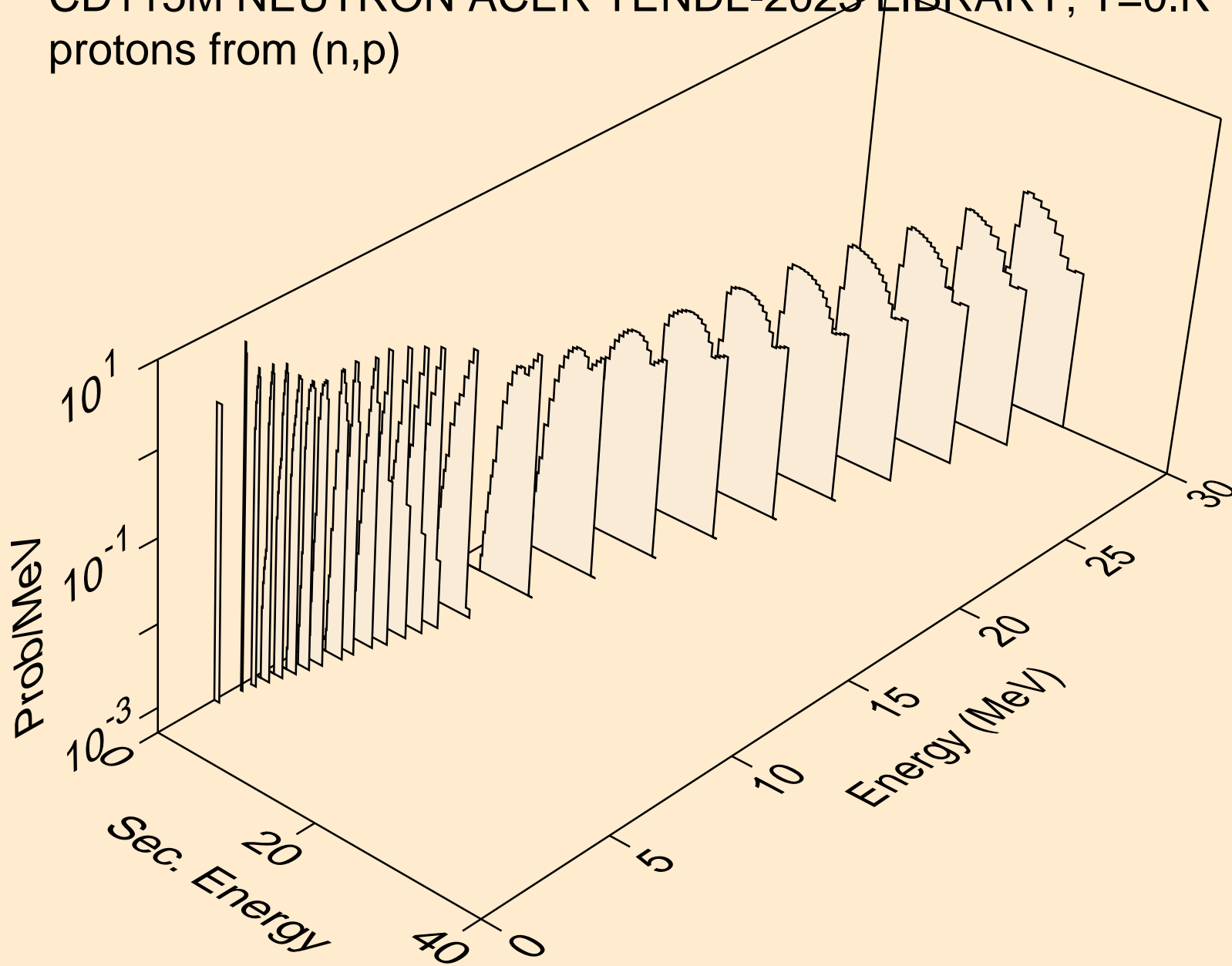
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protons from (n,3np)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

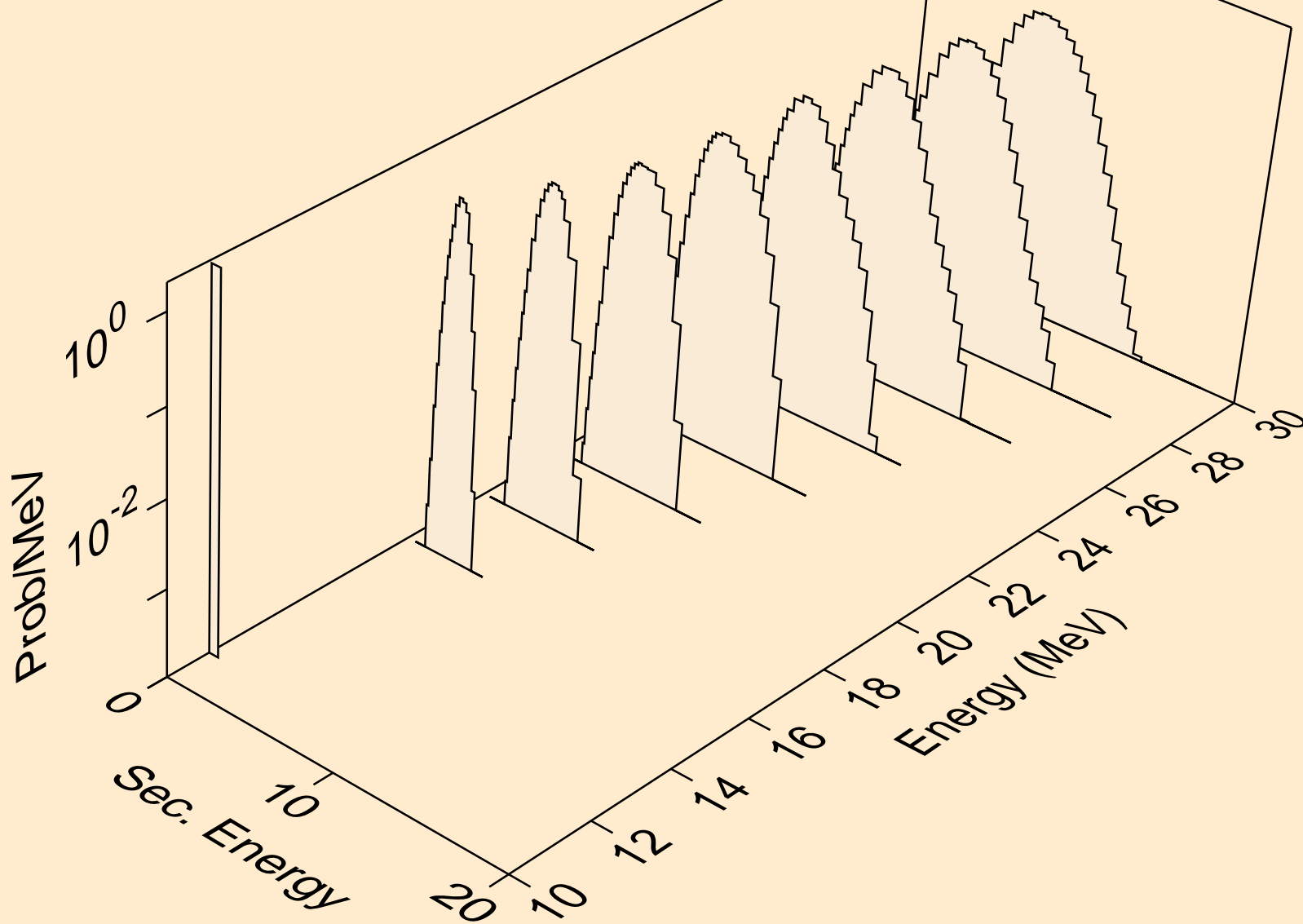


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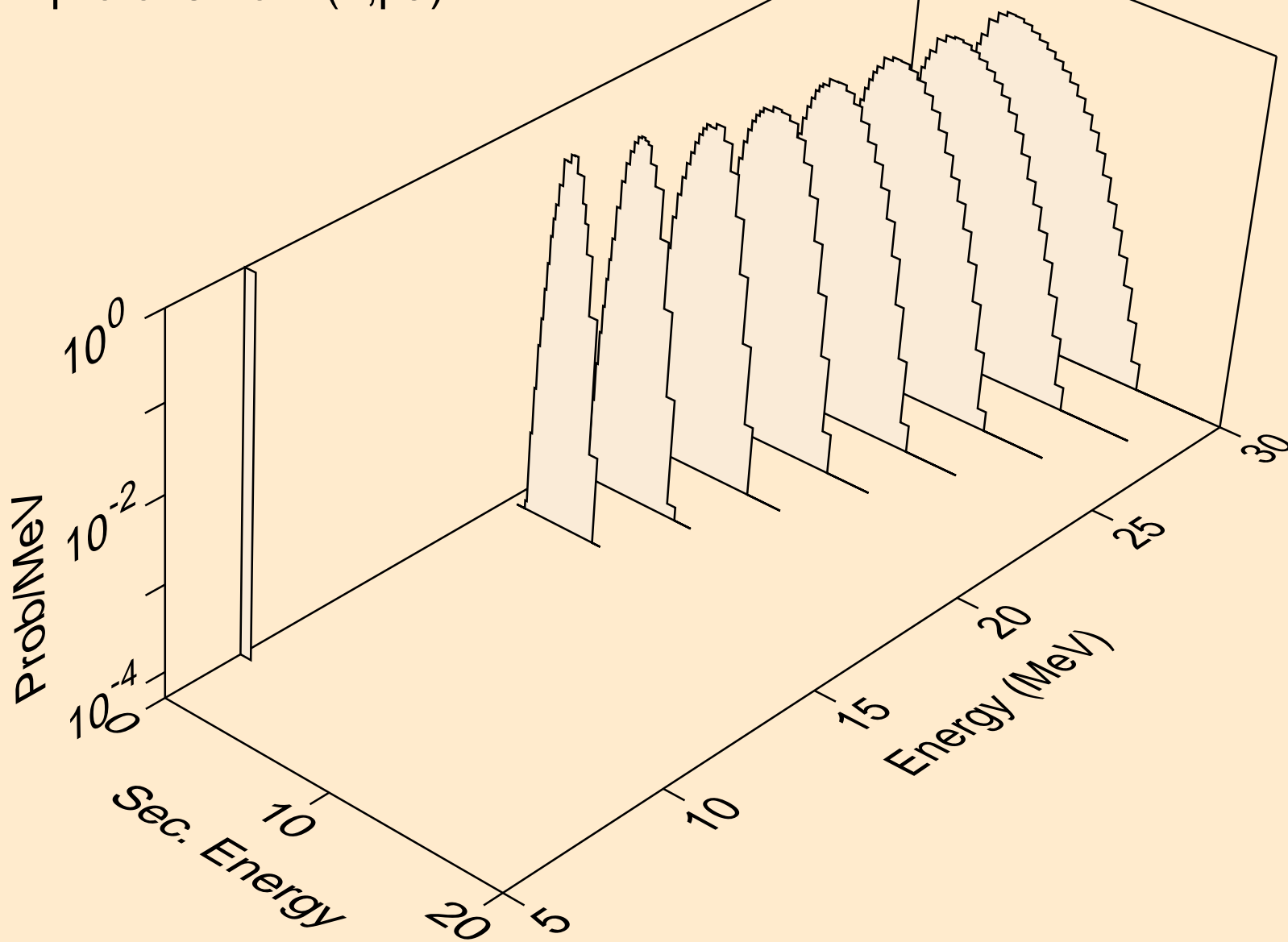




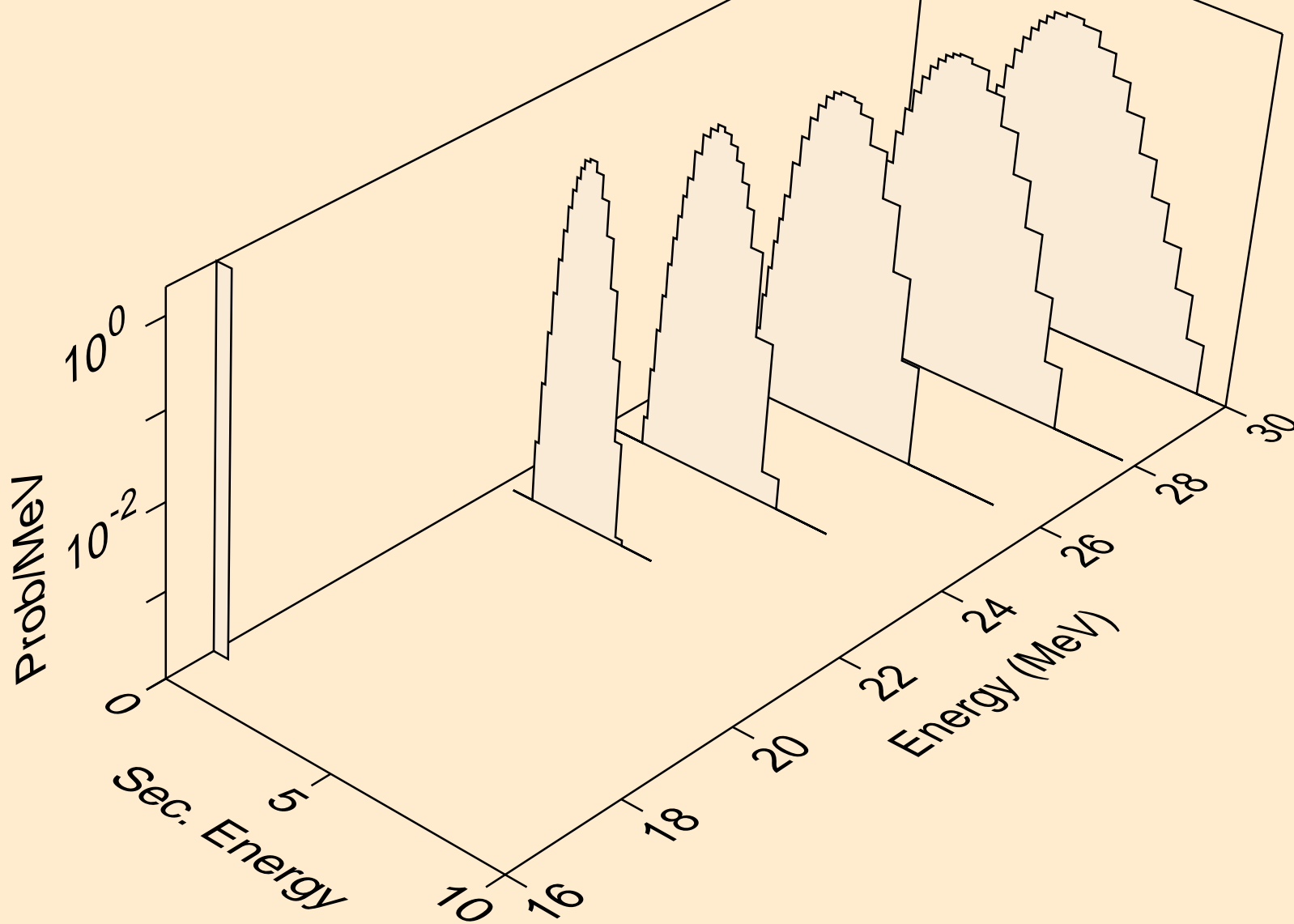
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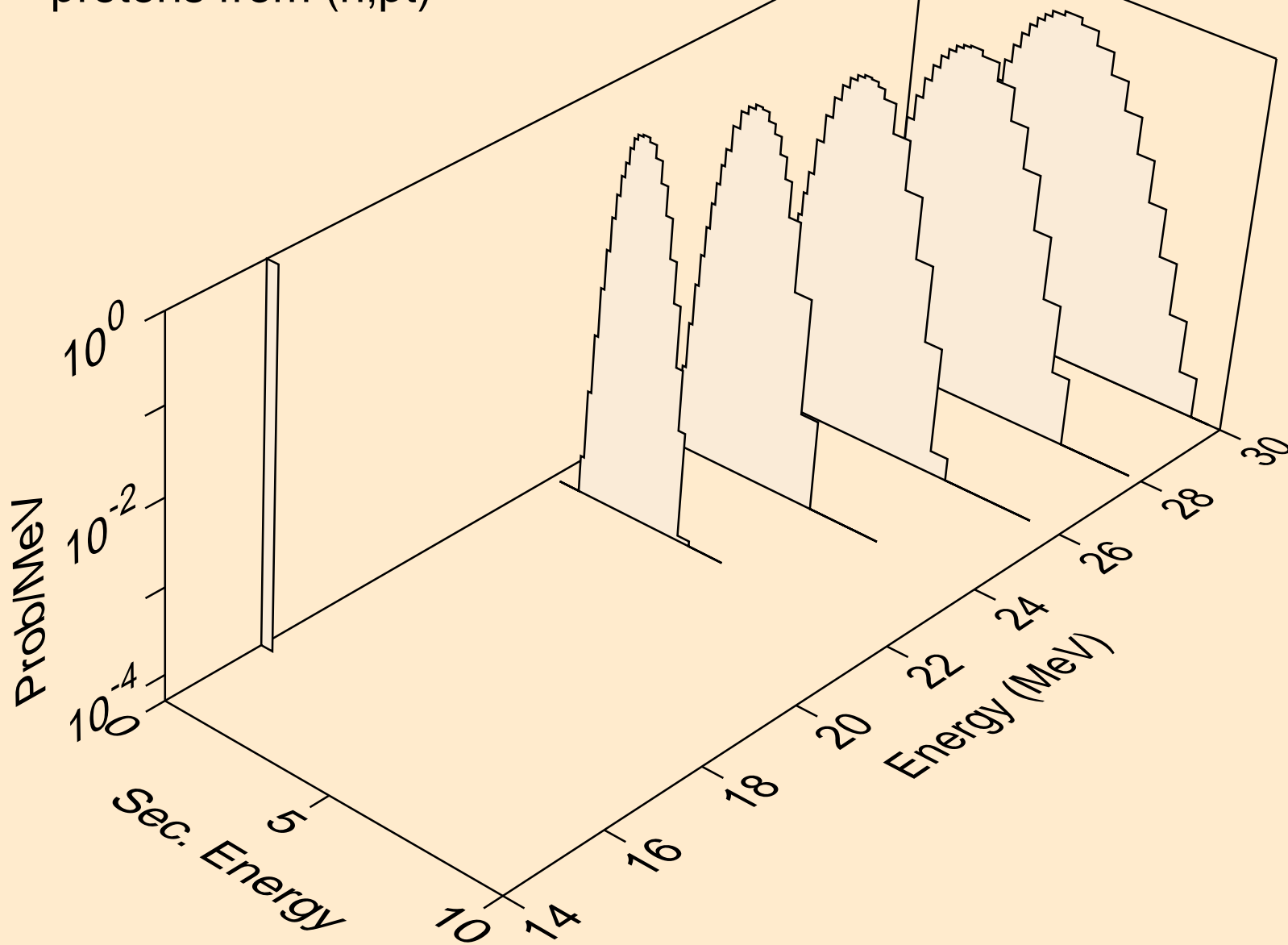
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protons from (n,pa)



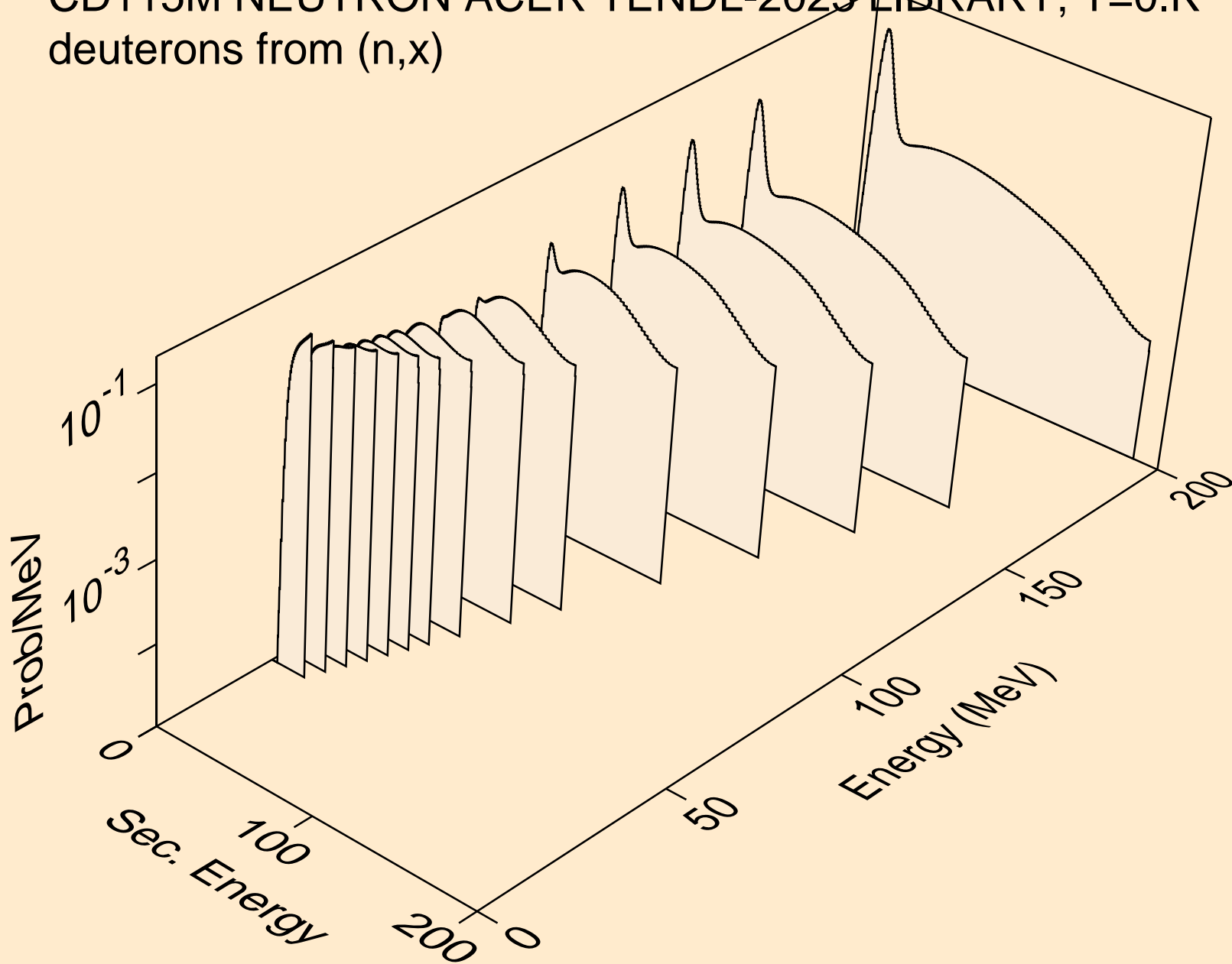
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protons from (n,pd)



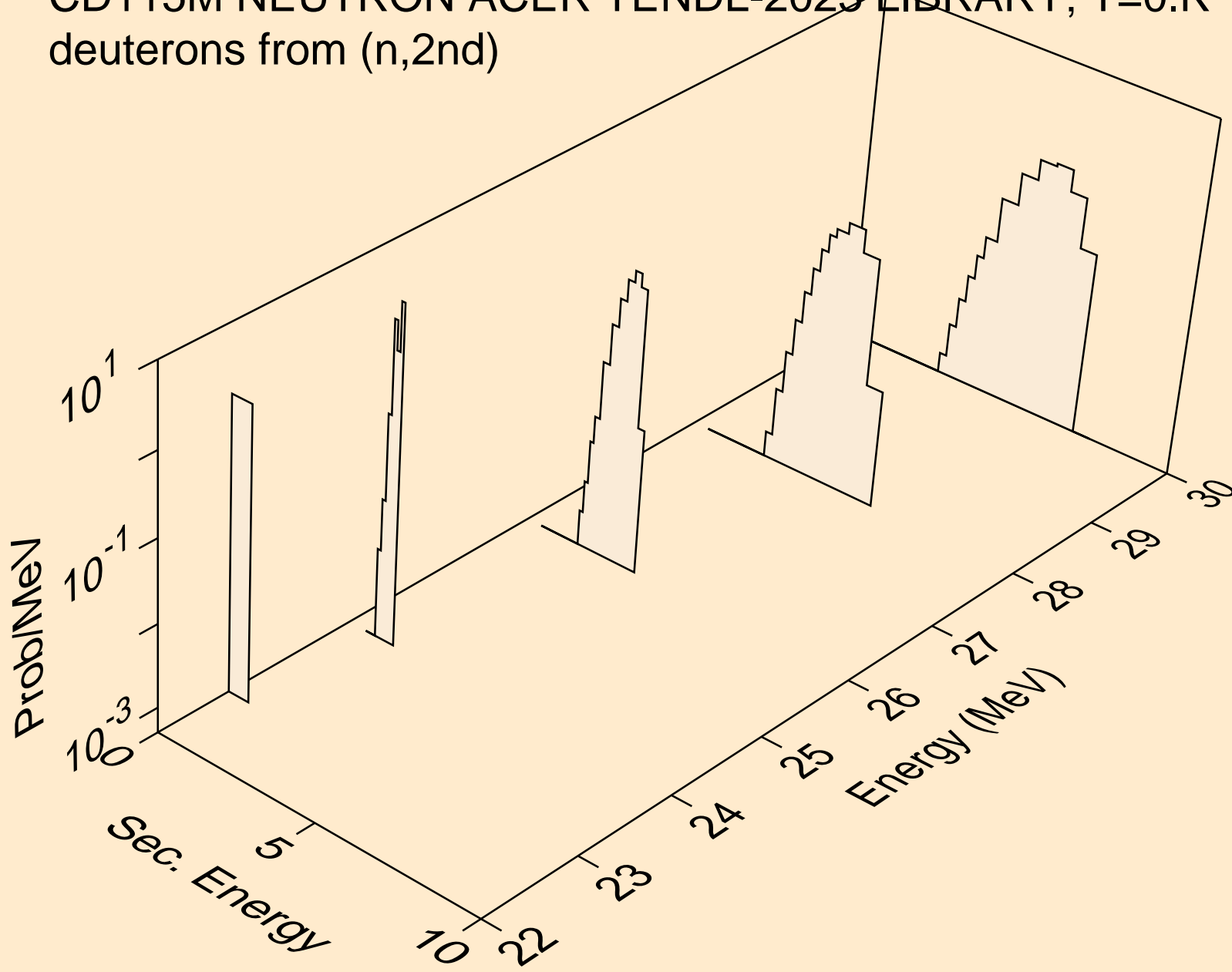
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protons from (n,pt)



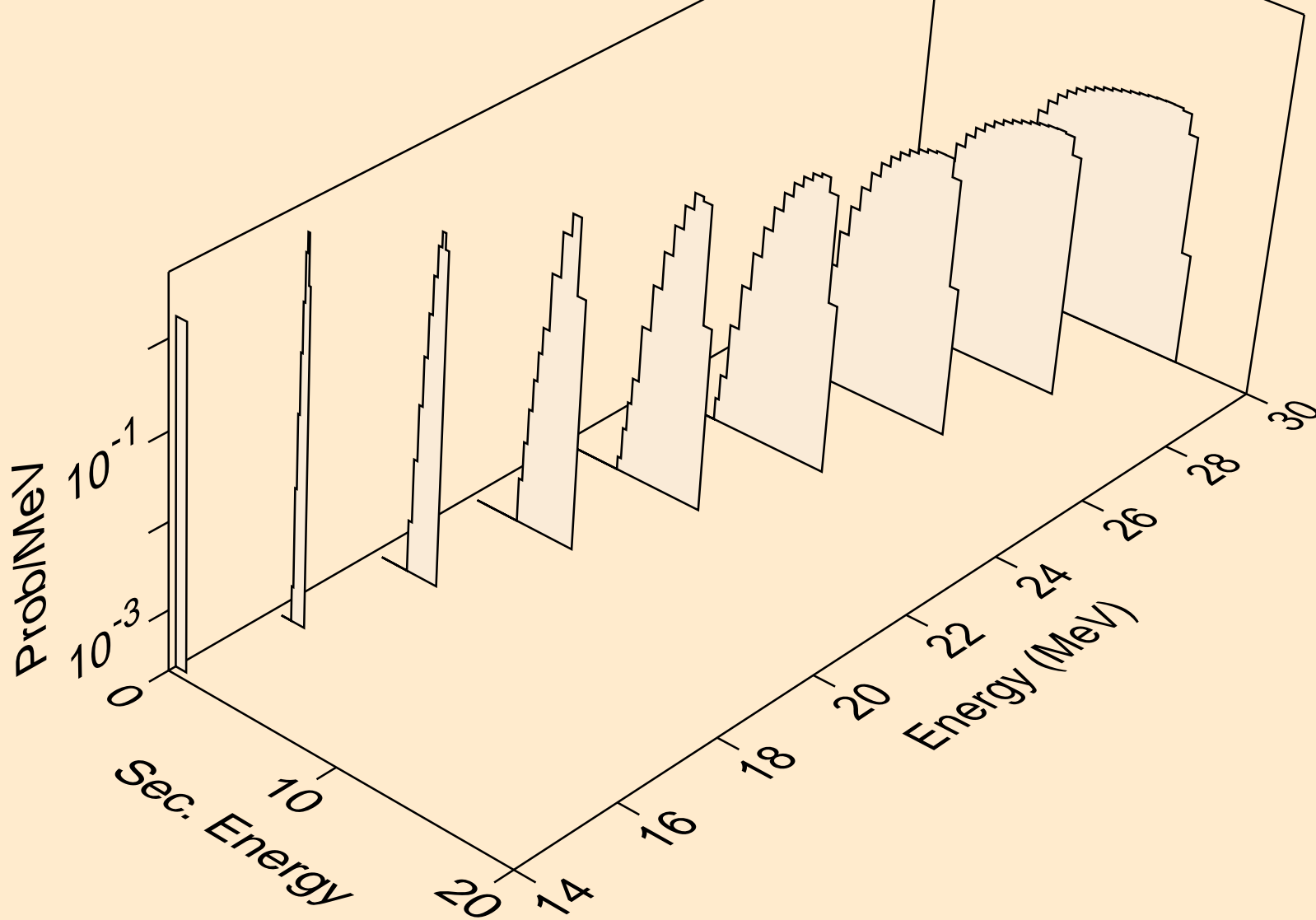
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deuterons from (n,x)



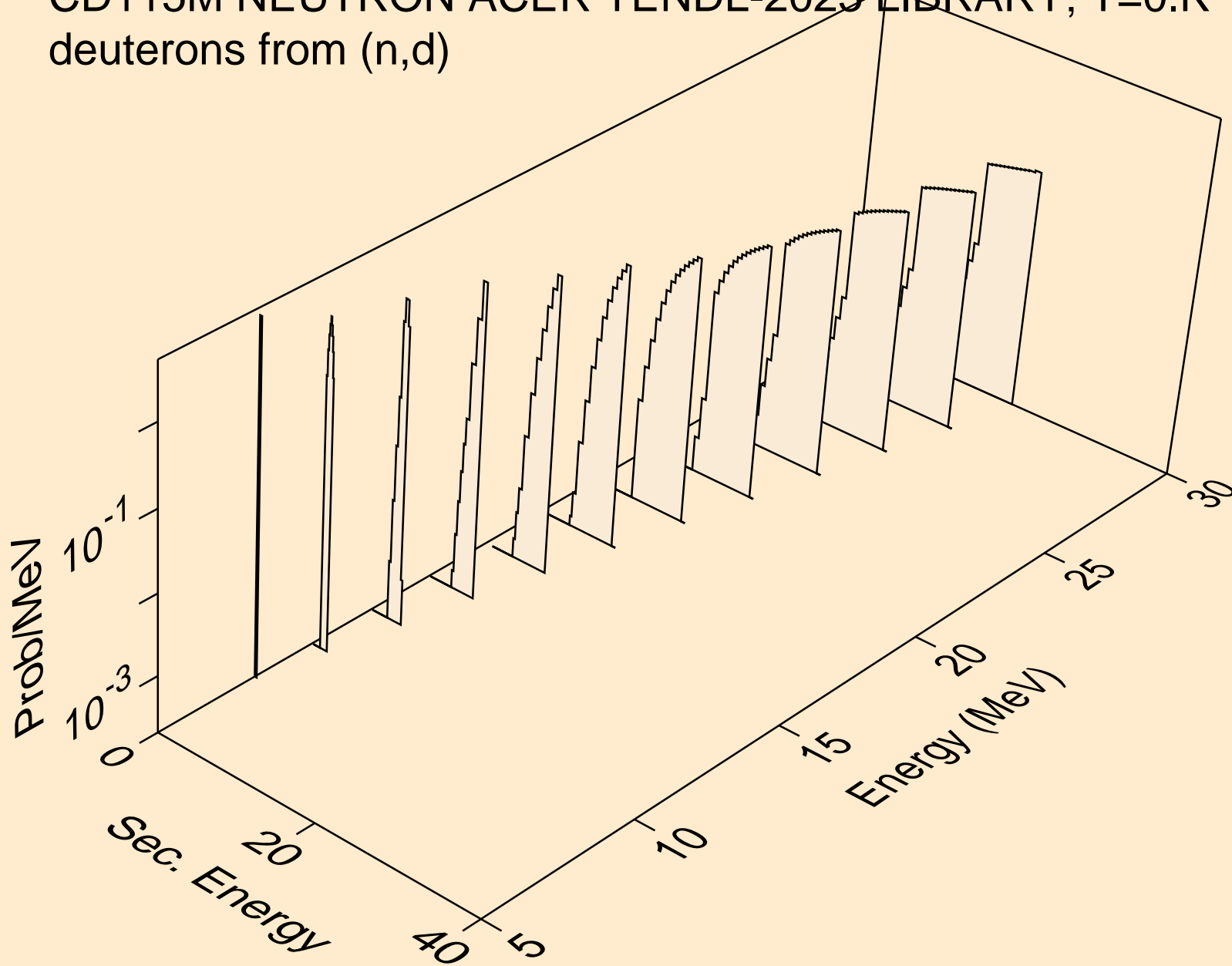
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deuterons from (n,2nd)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

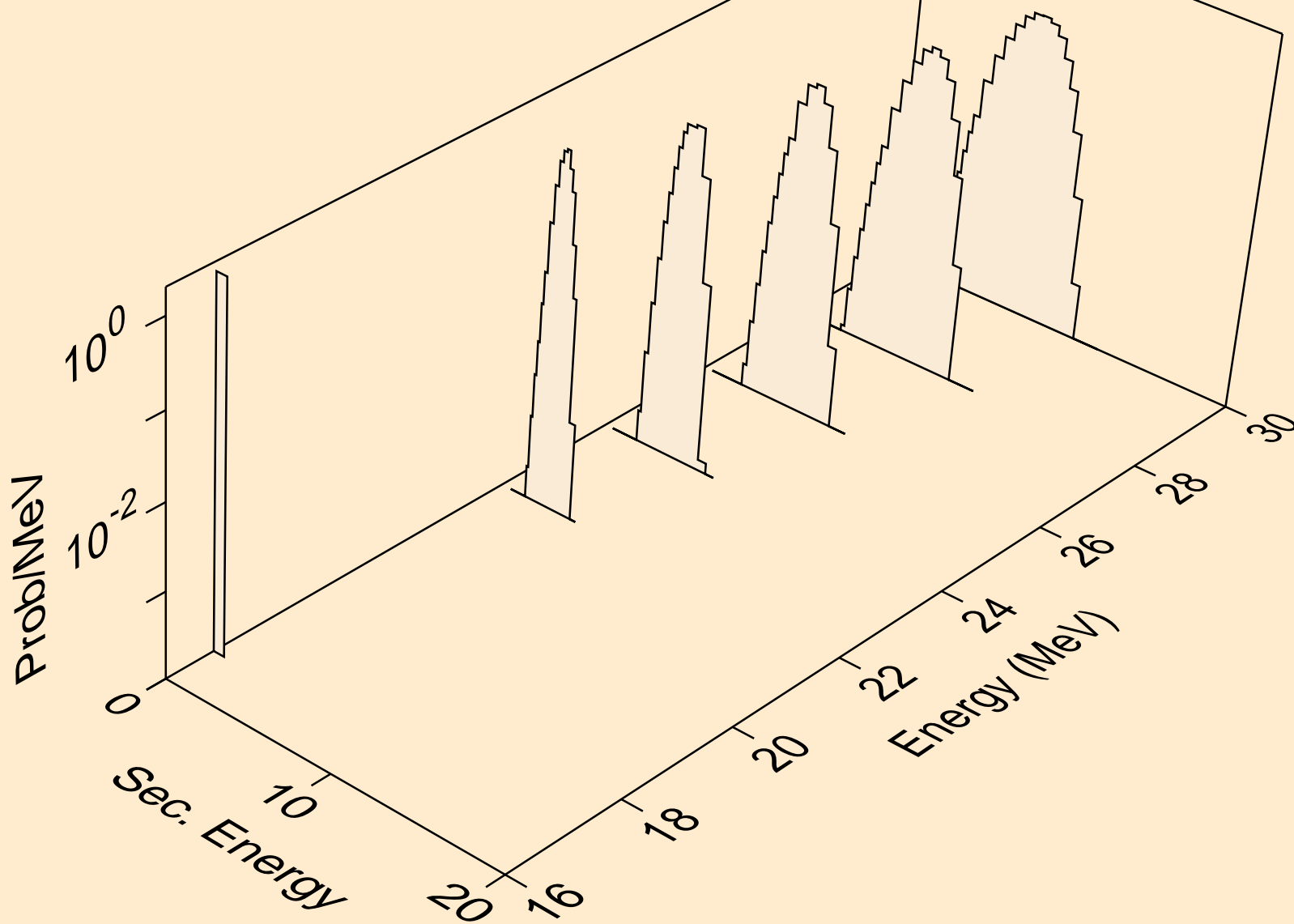


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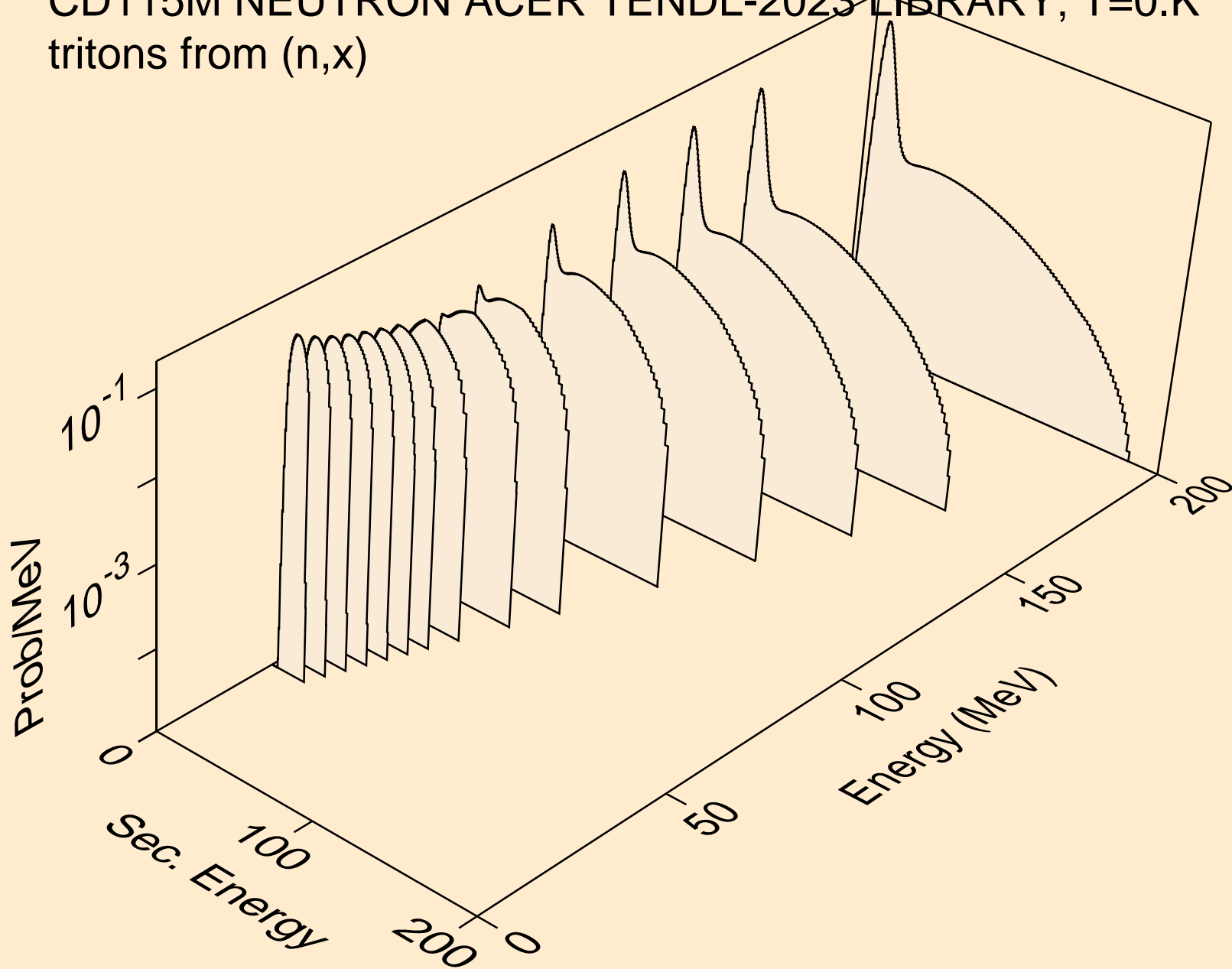




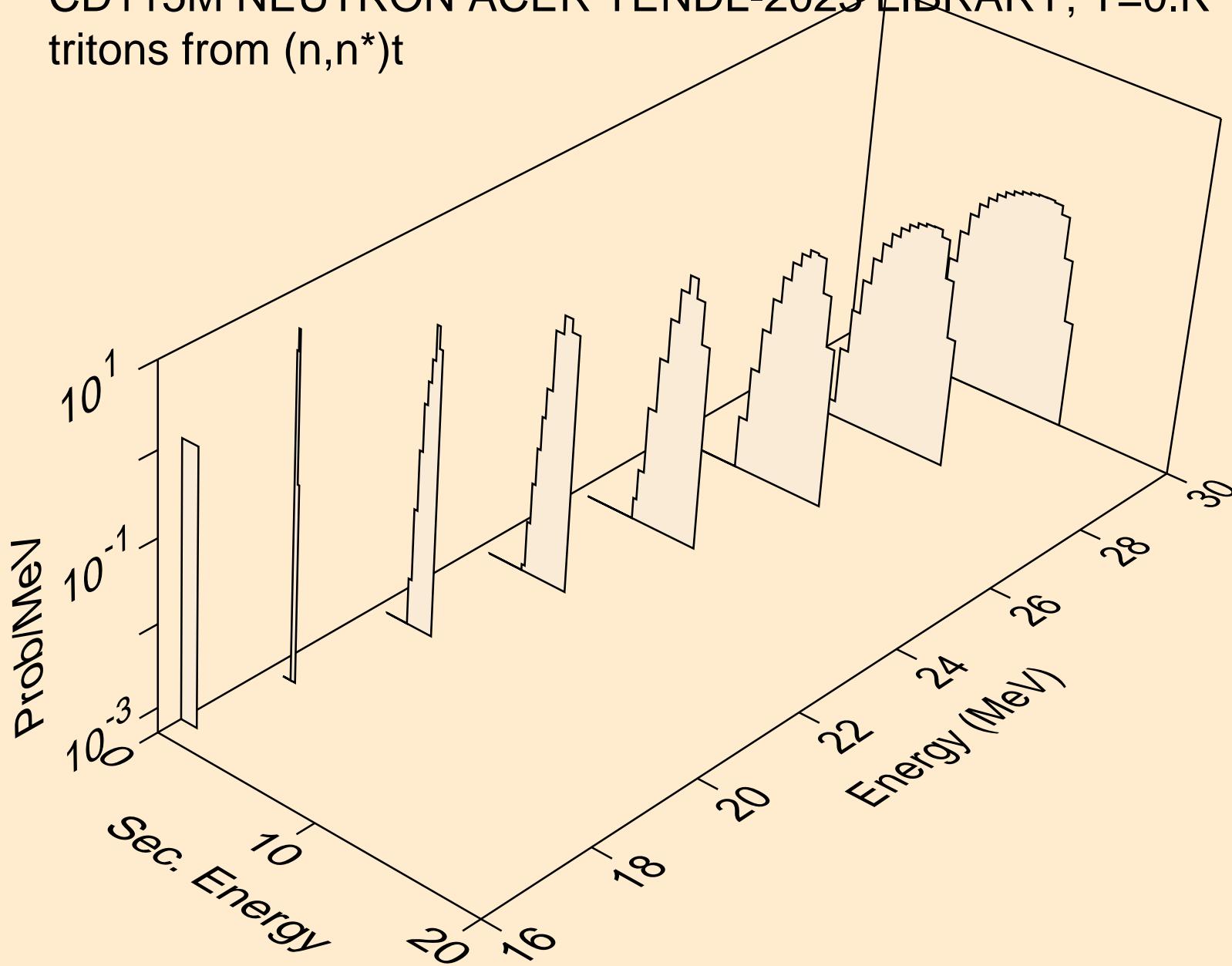
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deuterons from (n,pd)



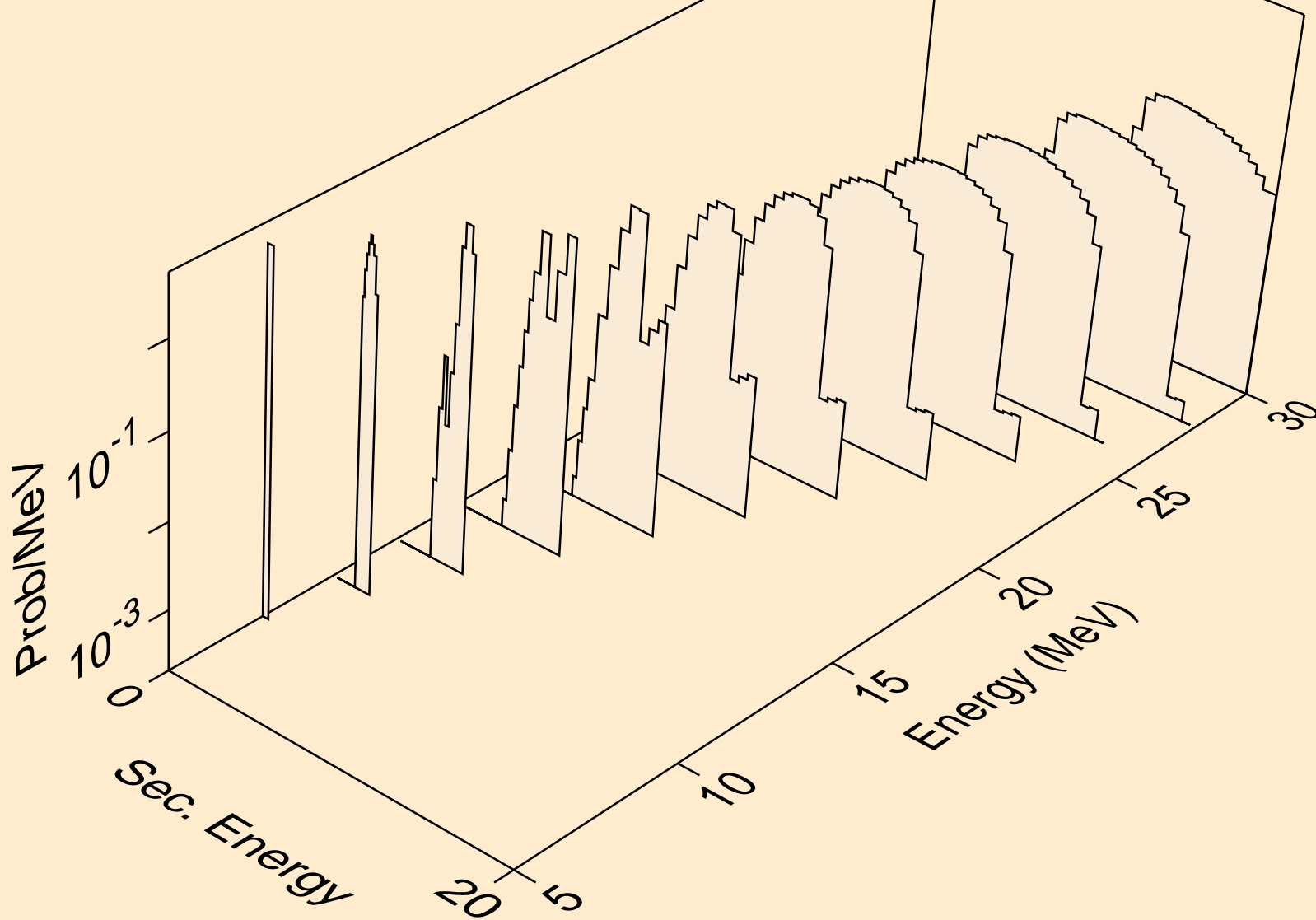
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tritons from (n,x)



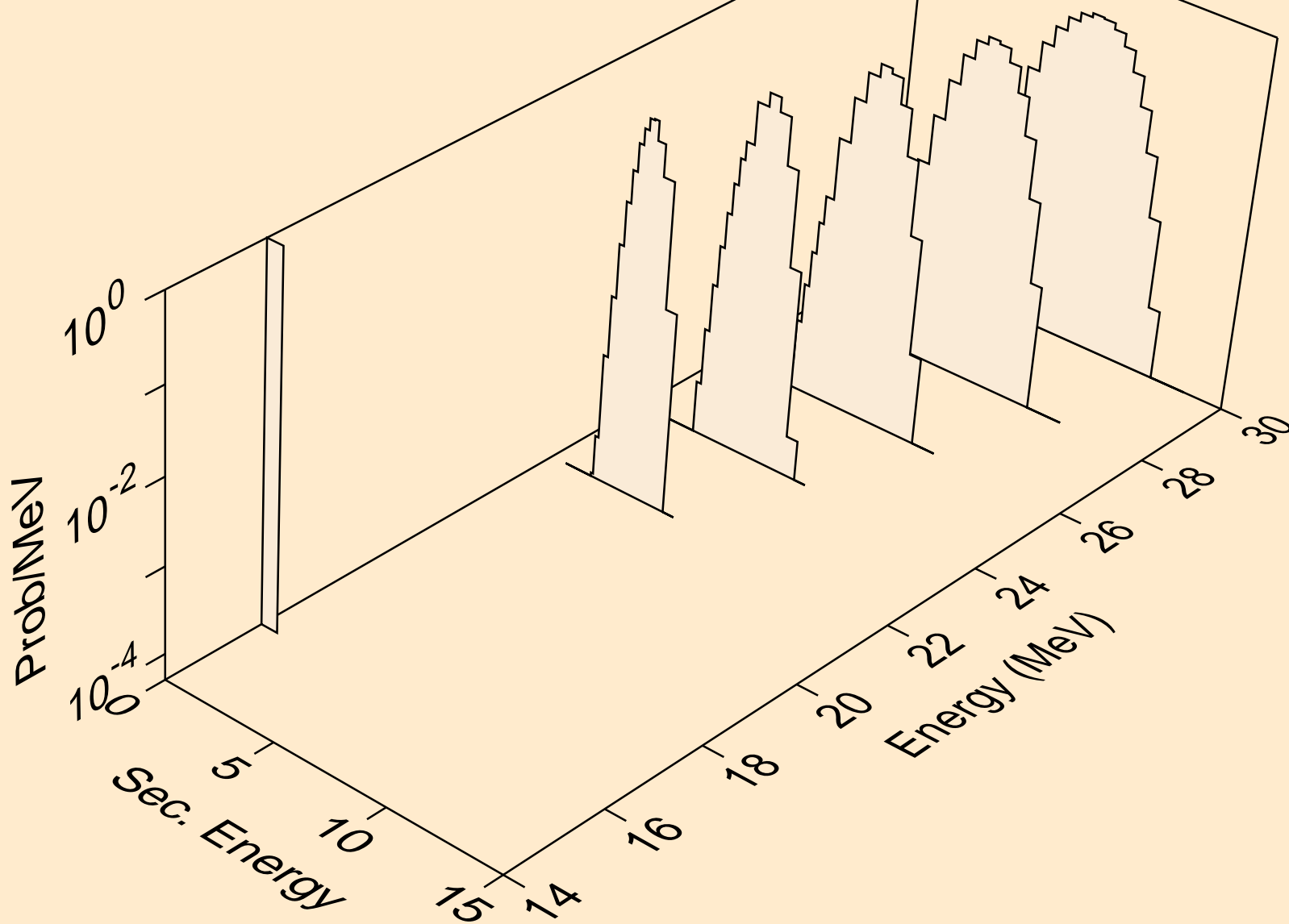
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tritons from (n,n\*)t



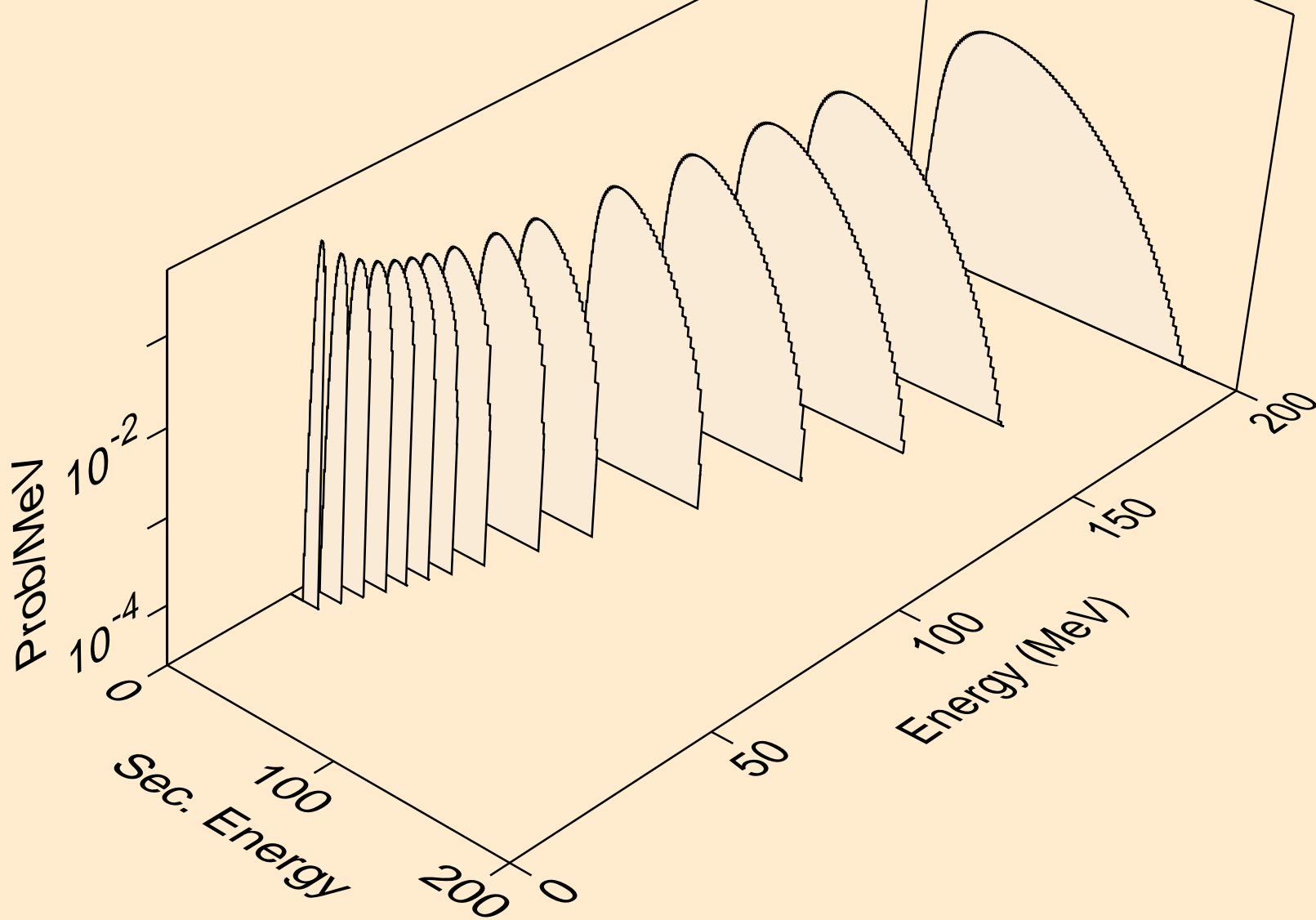
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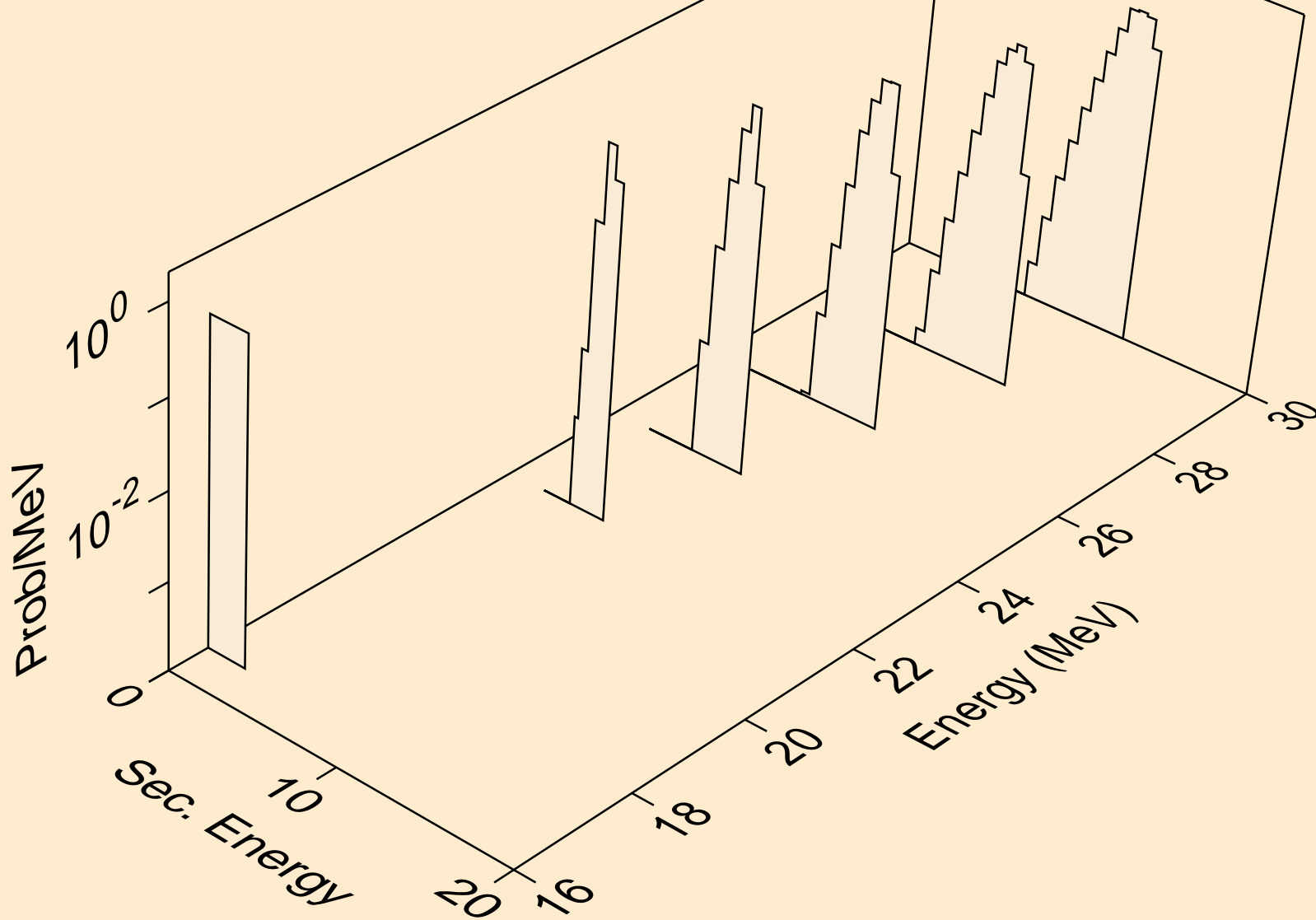
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tritons from (n,pt)



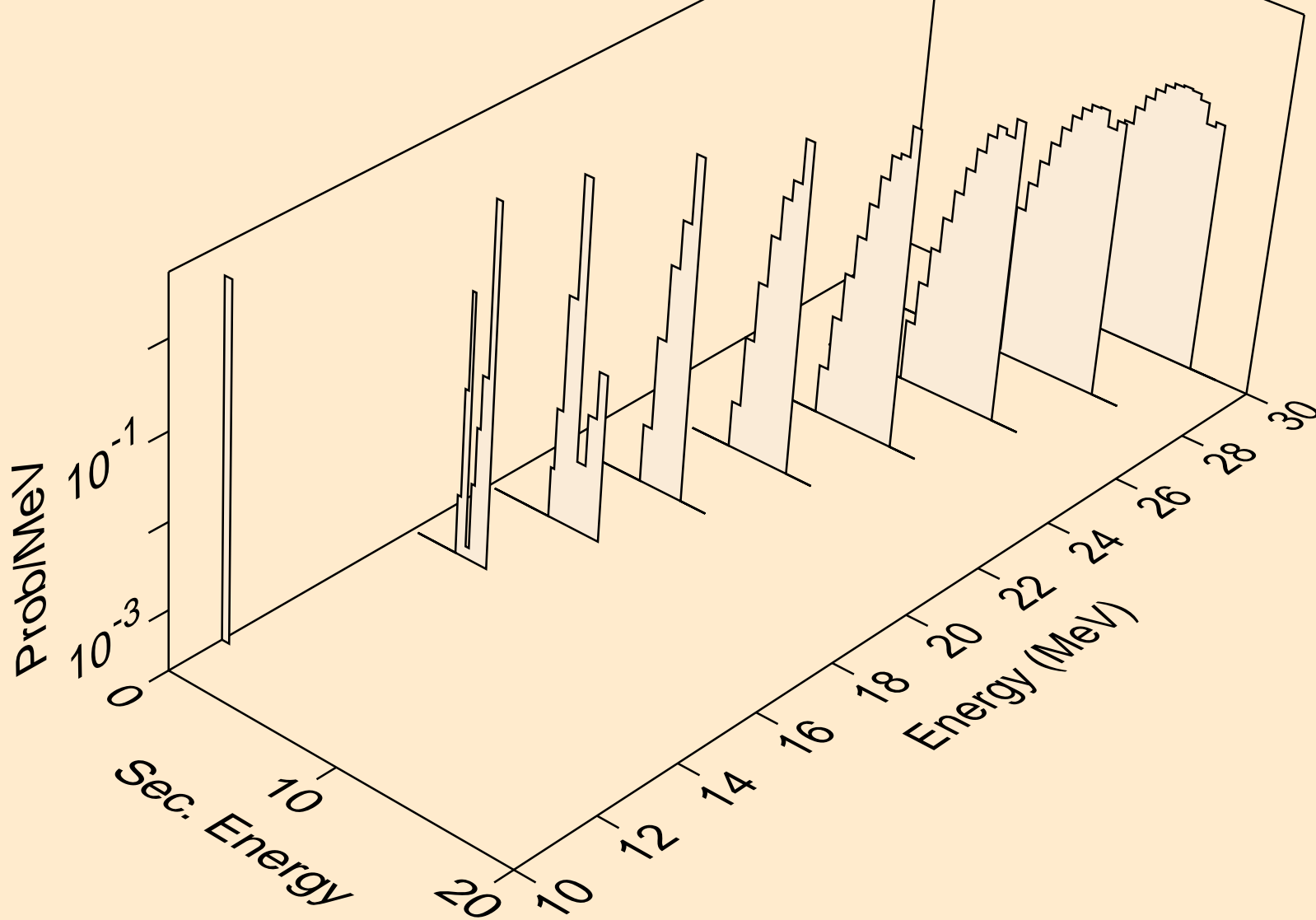
CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

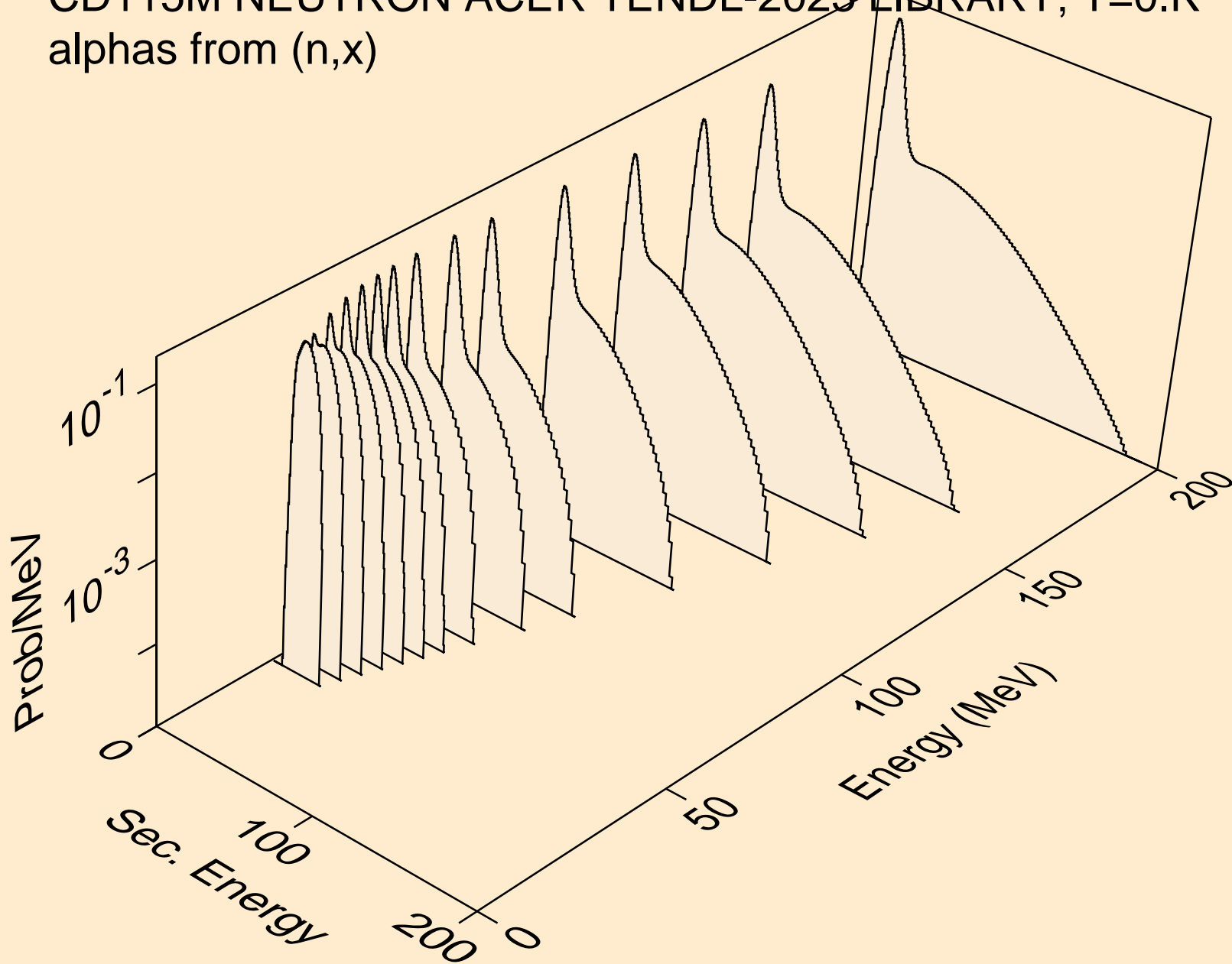


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he3s from (n,he3)

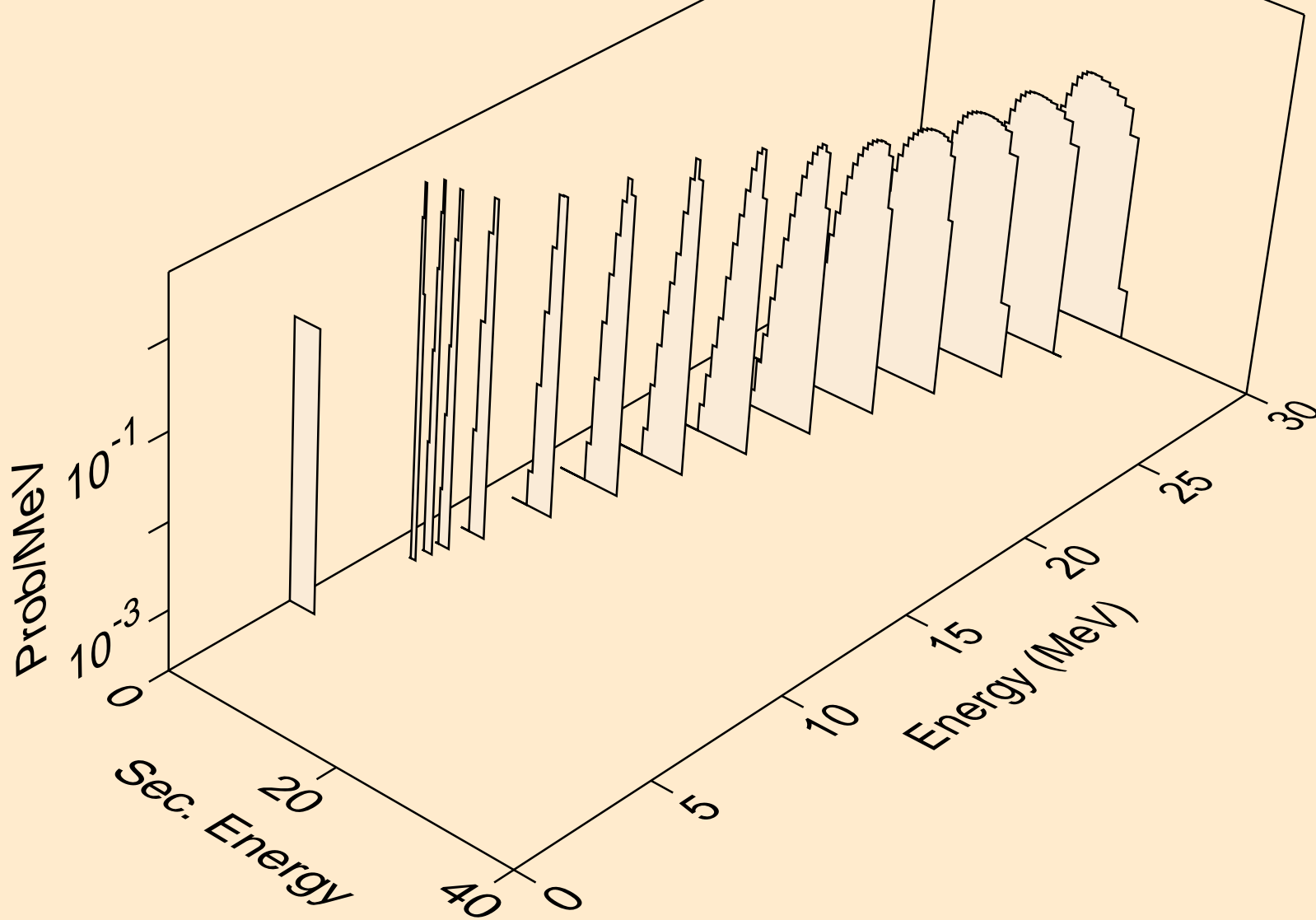




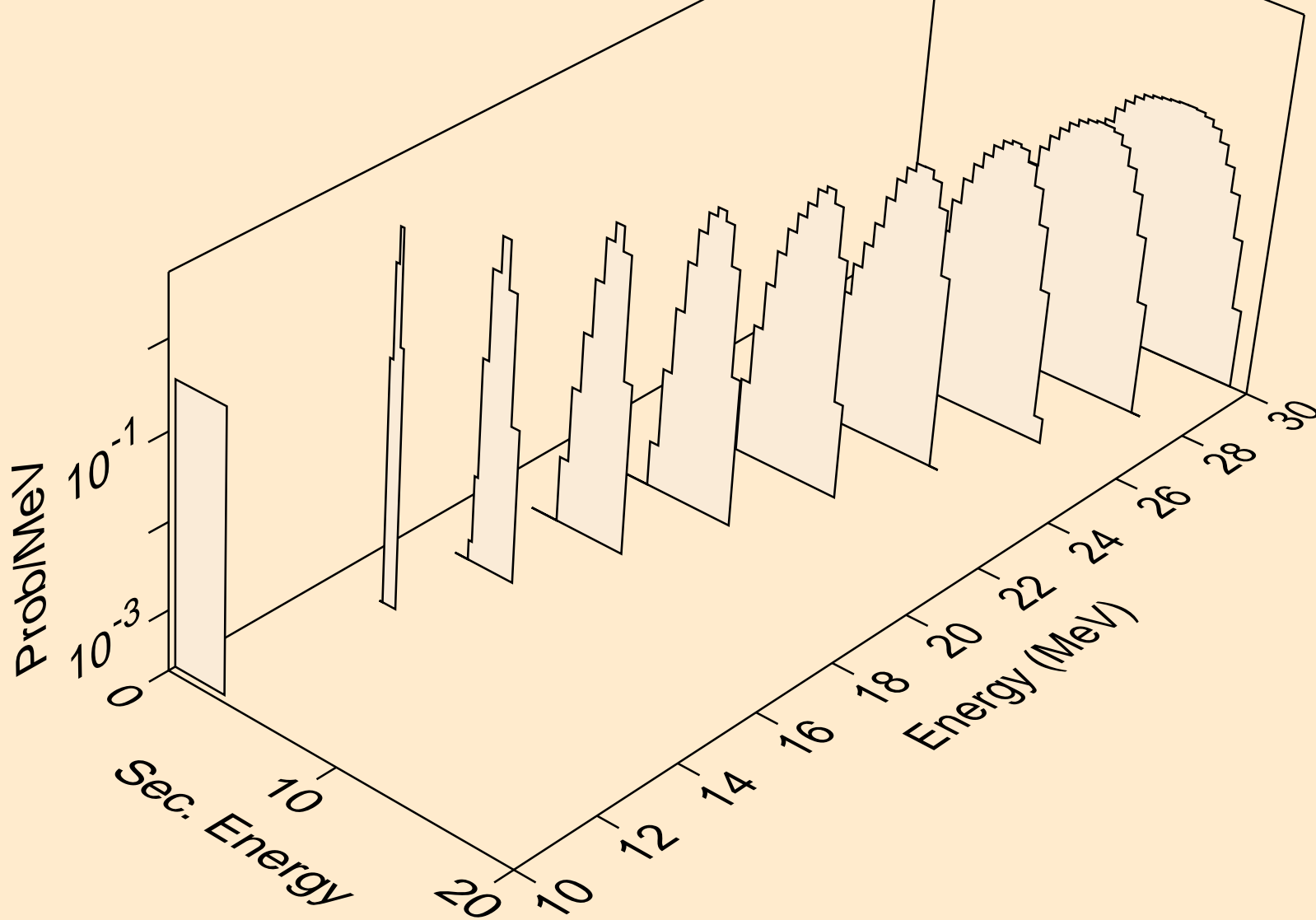
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alphas from (n,x)



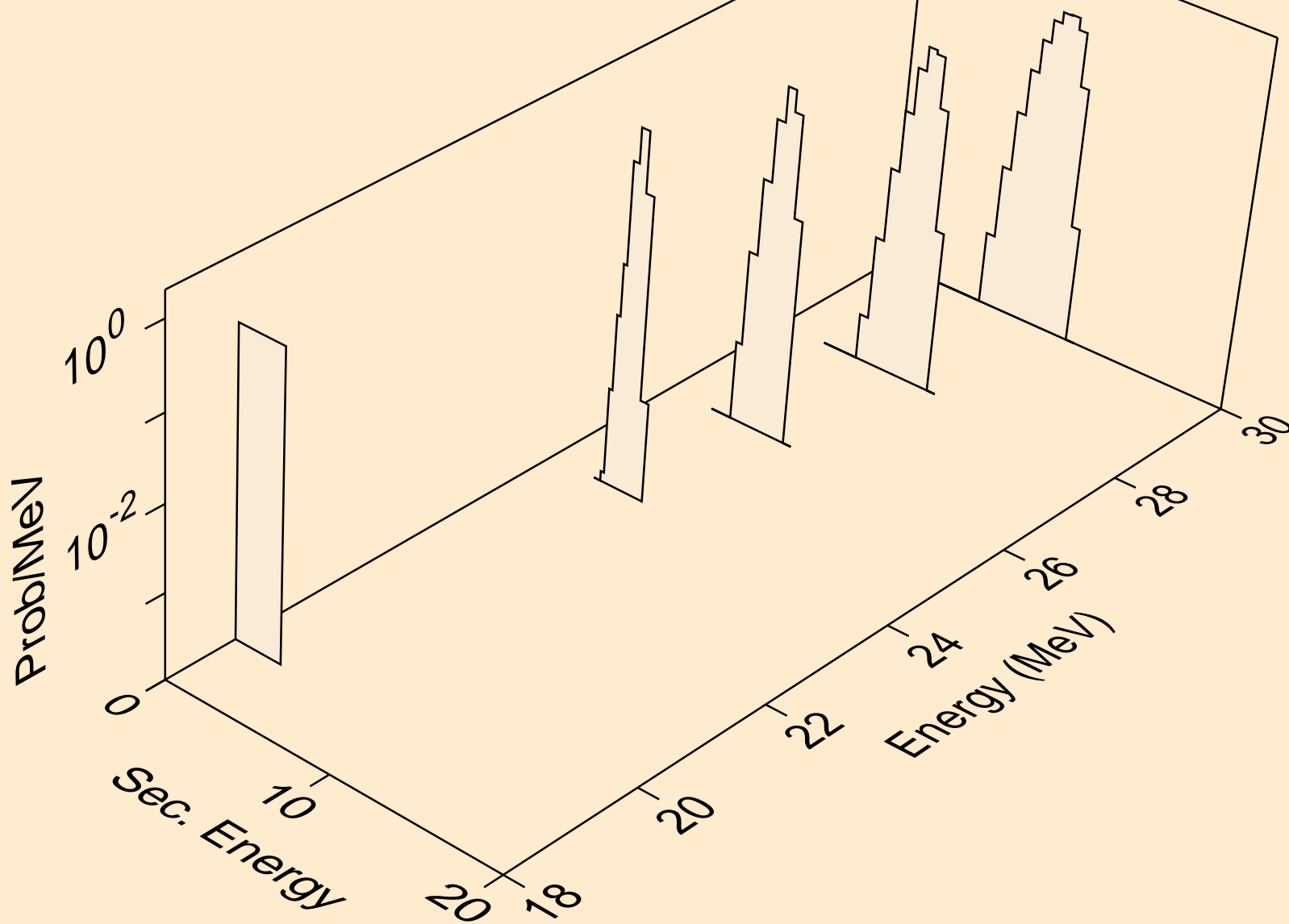
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alphas from (n,n\*)a



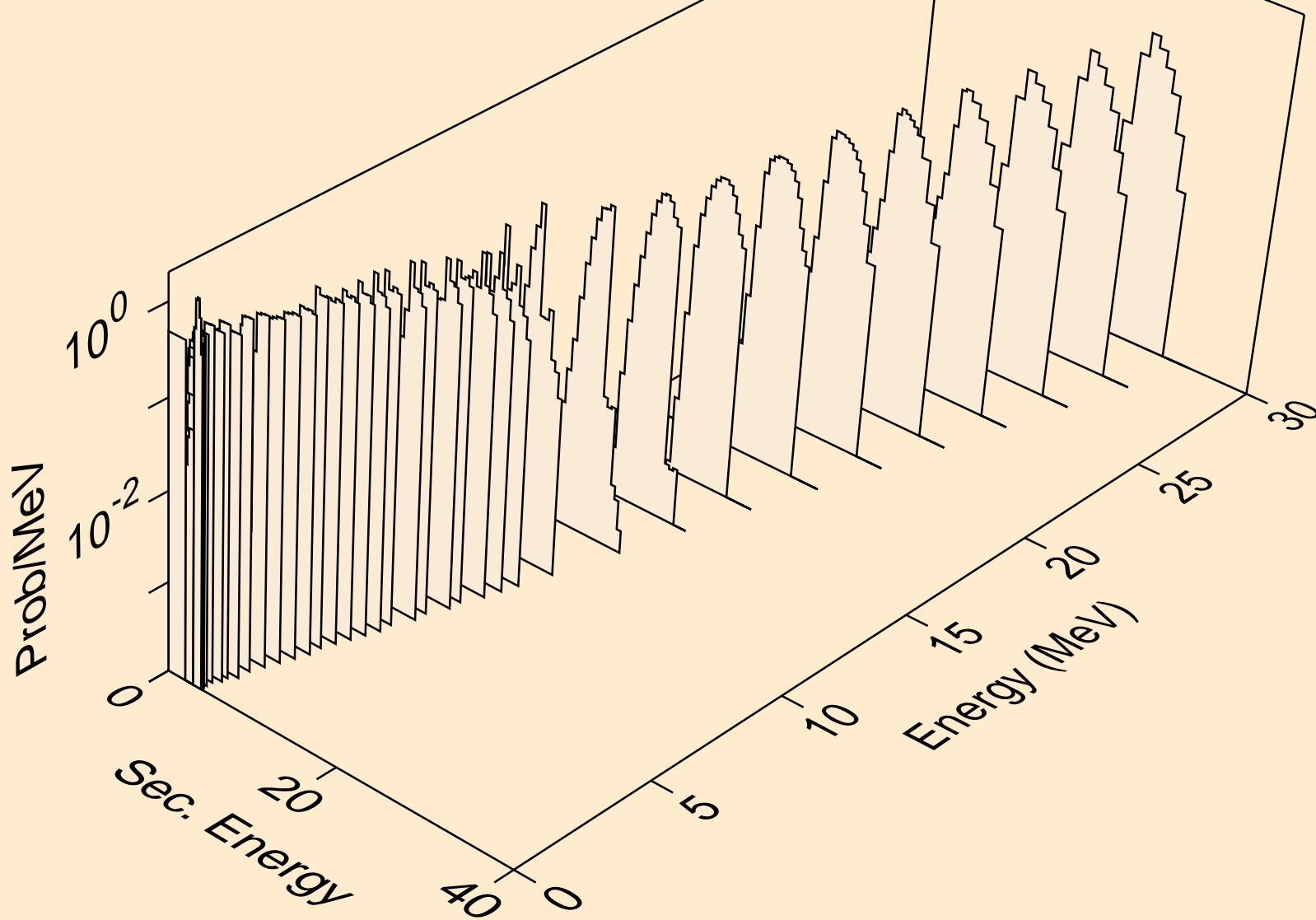
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alphas from (n,2n)a



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



CD115M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

