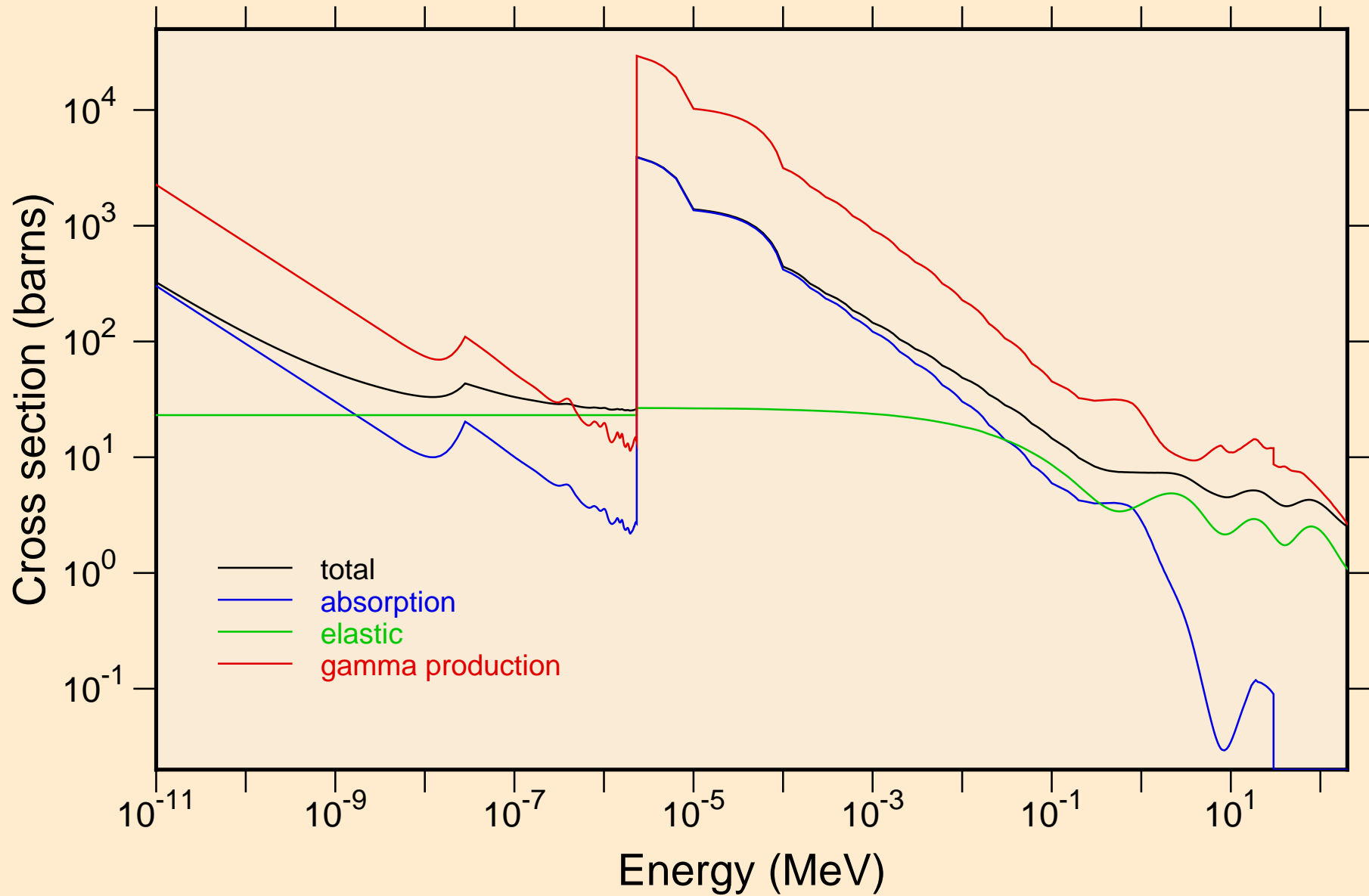


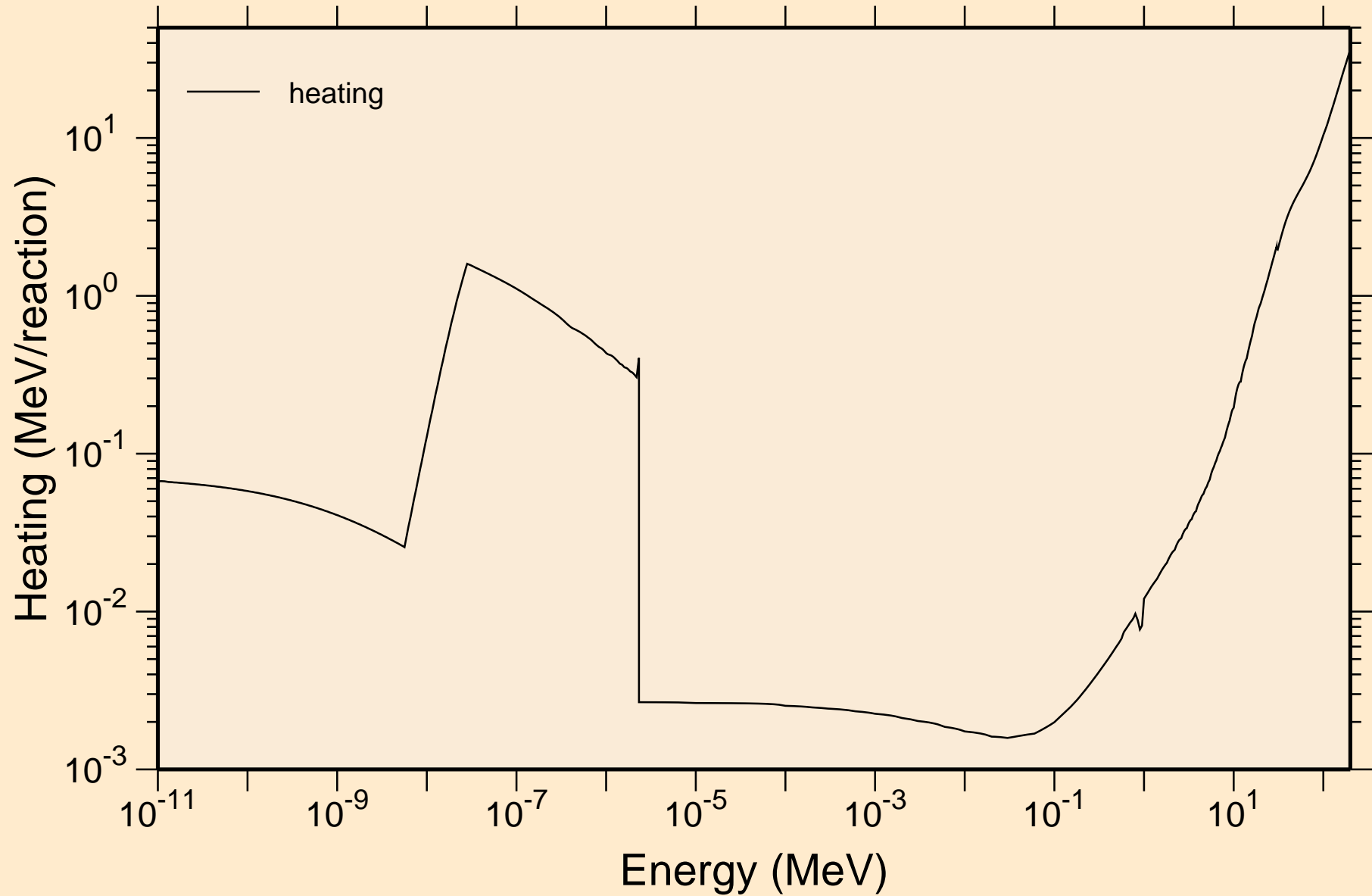
# TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

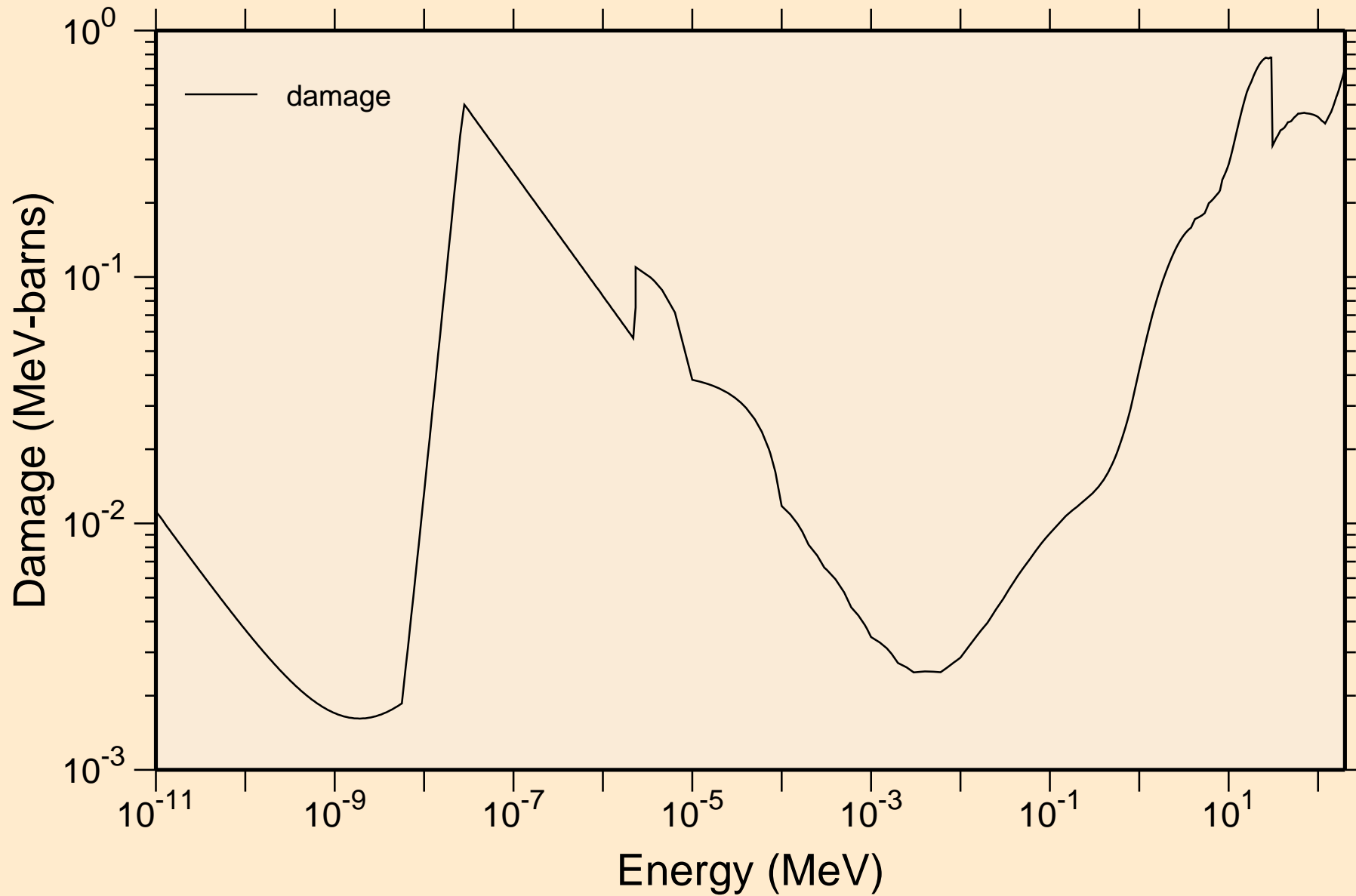


# TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

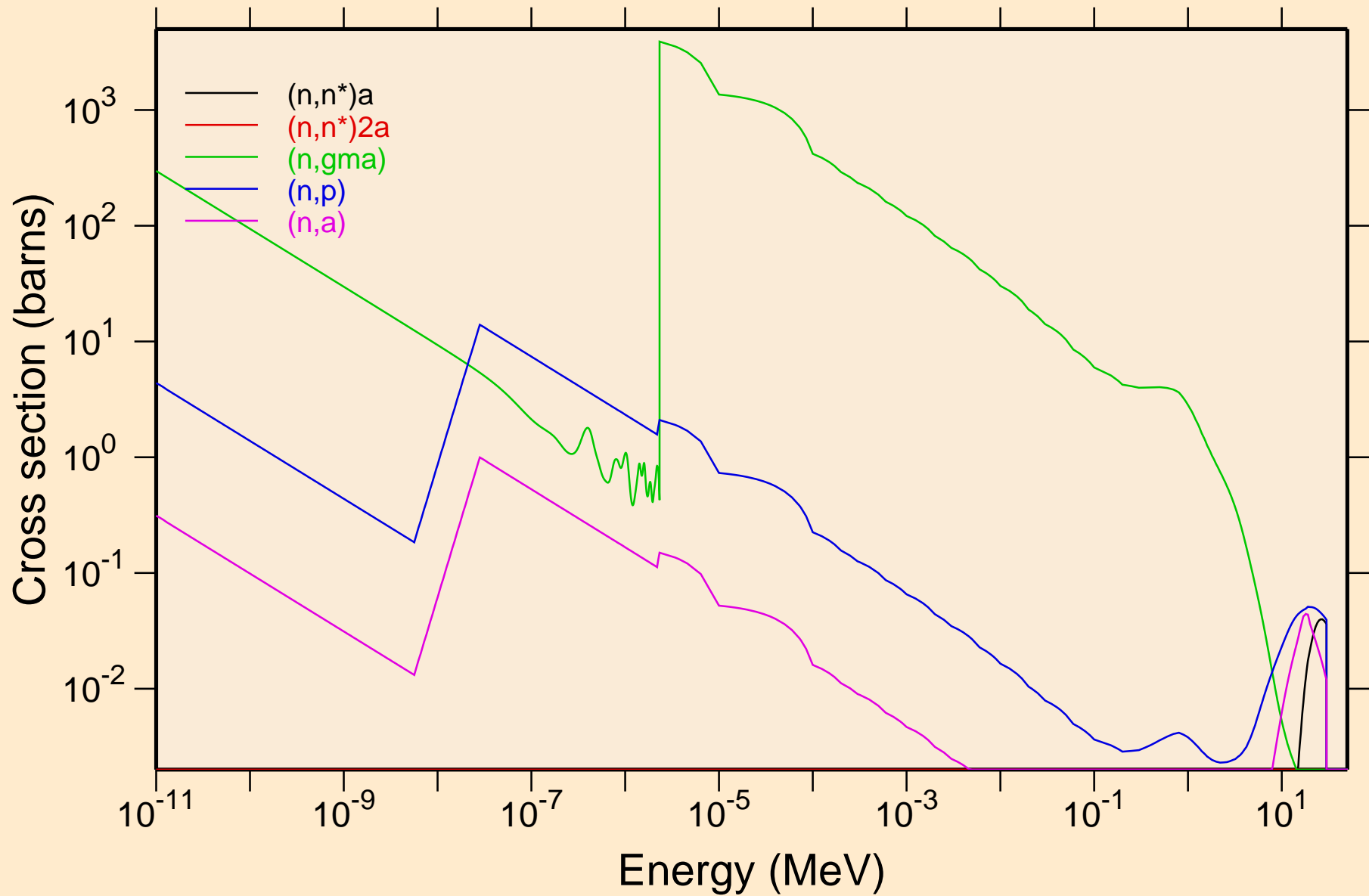
## Heating



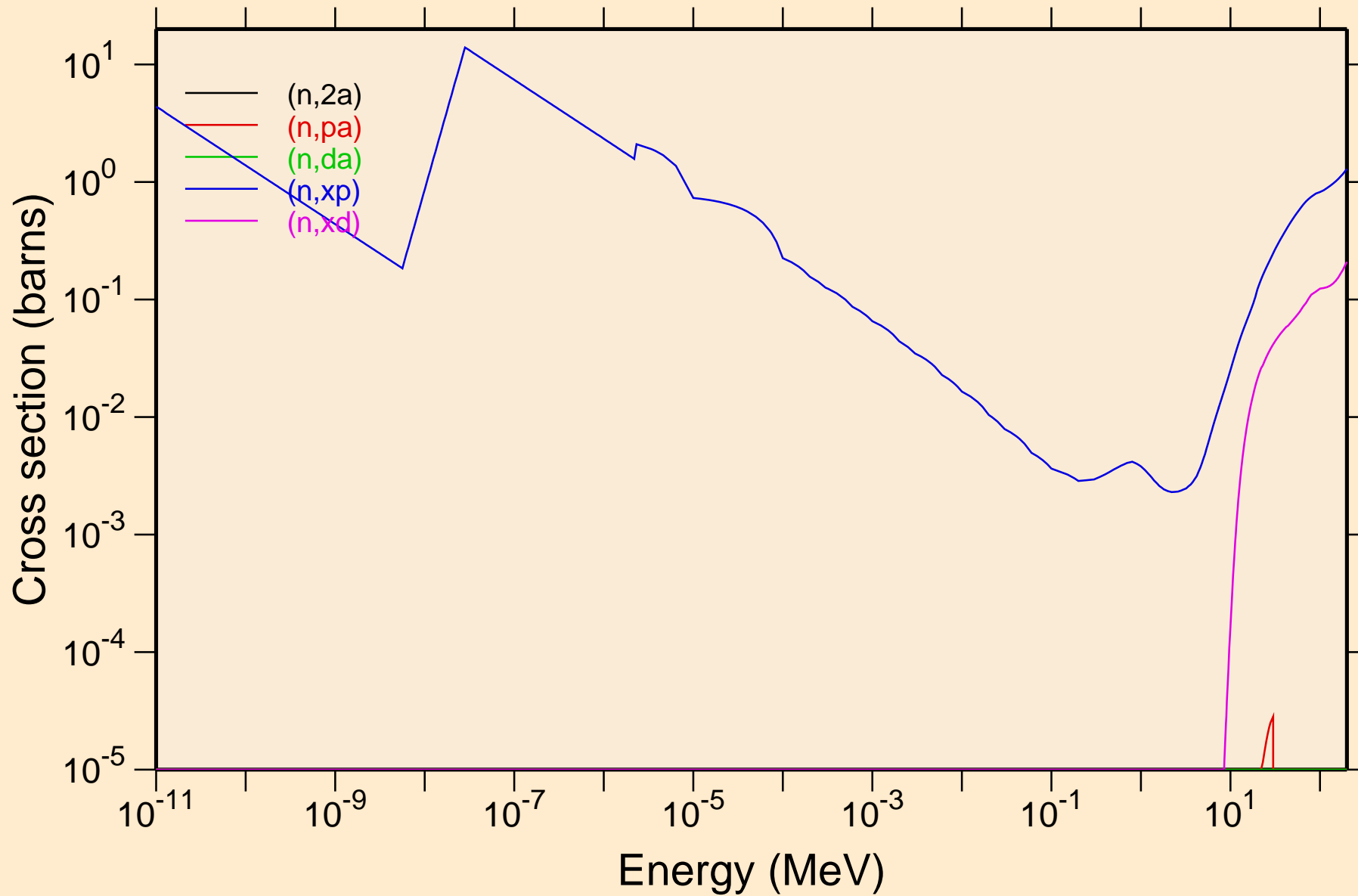
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



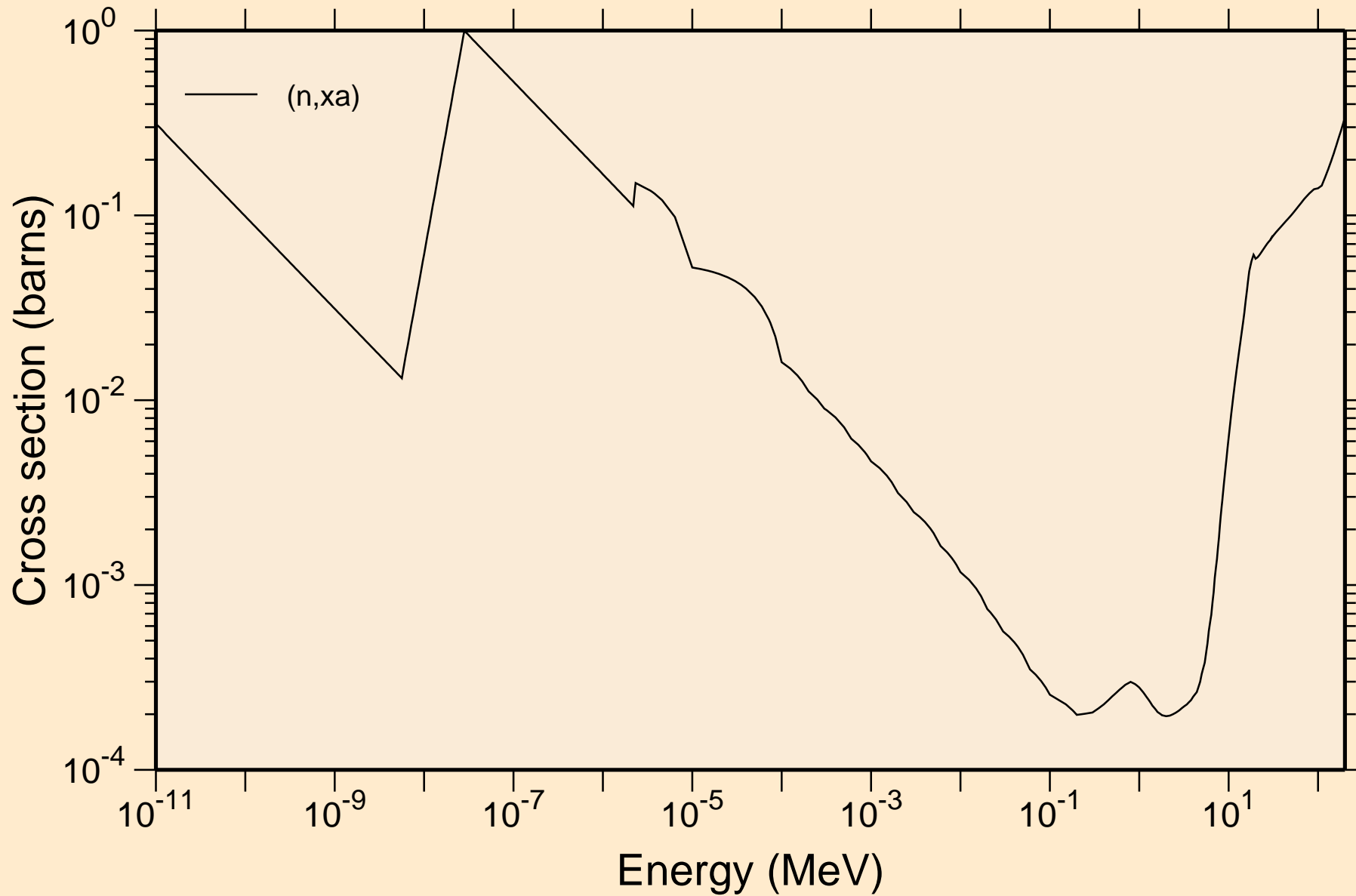
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

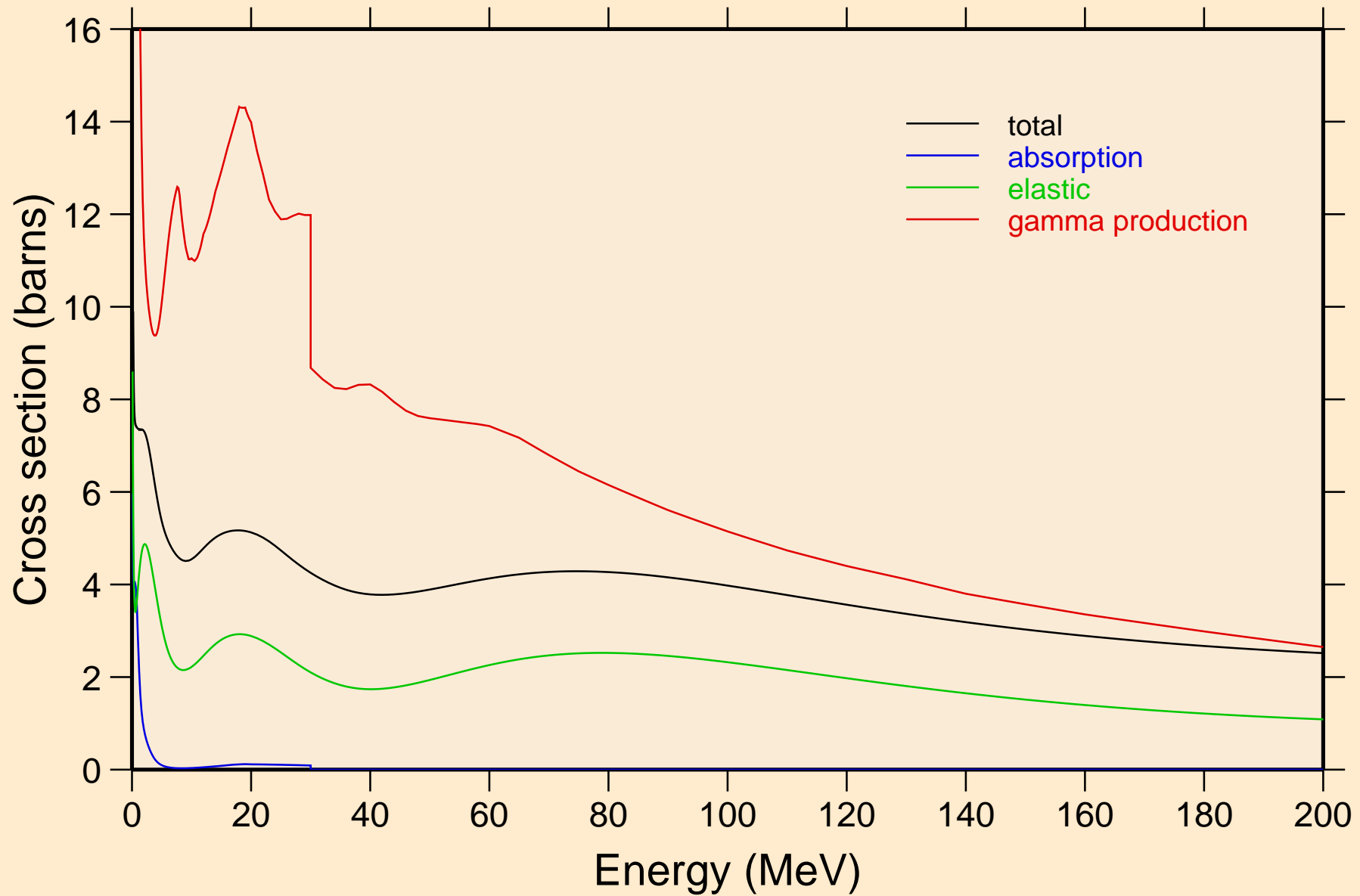


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



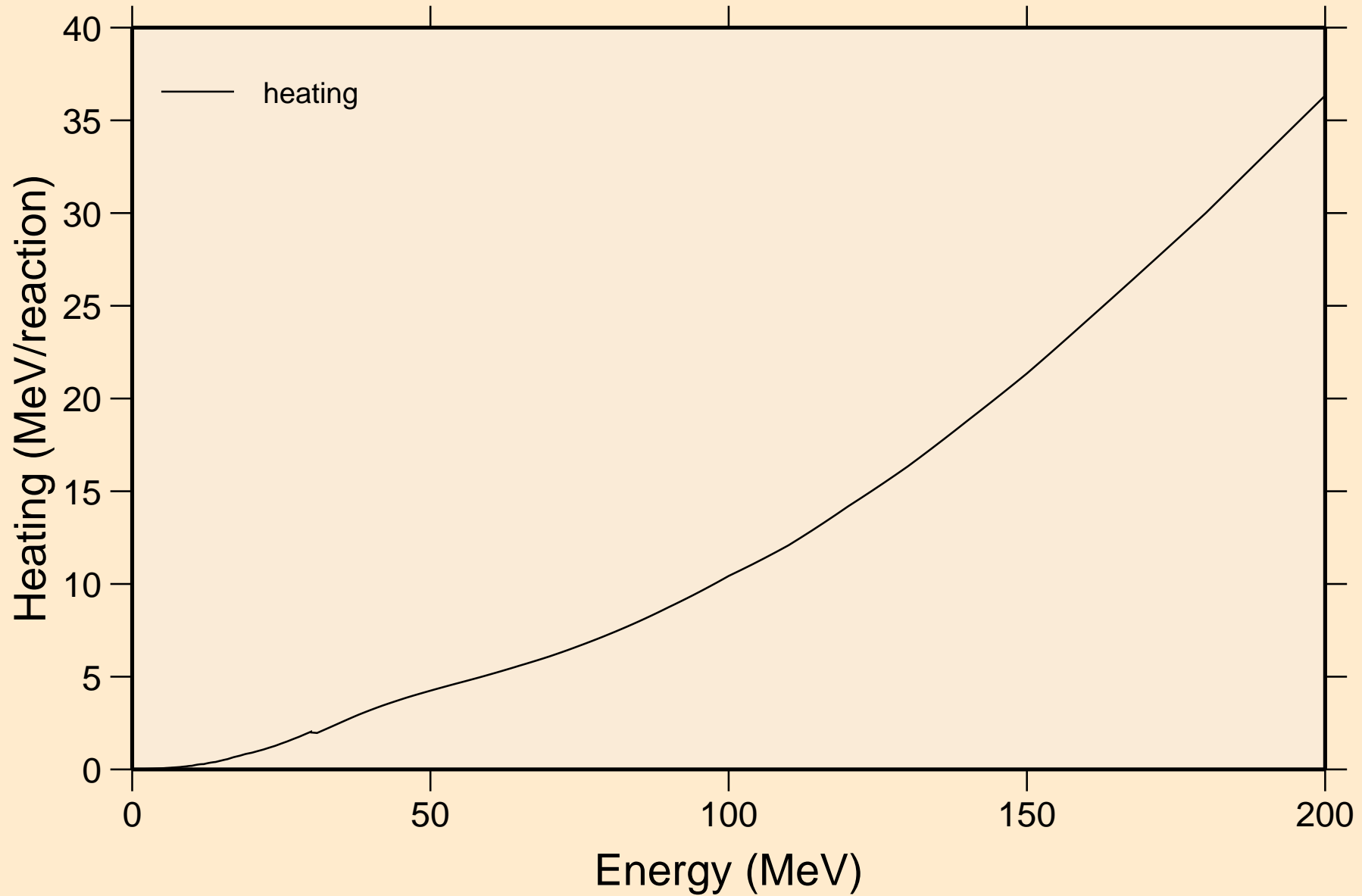
# TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



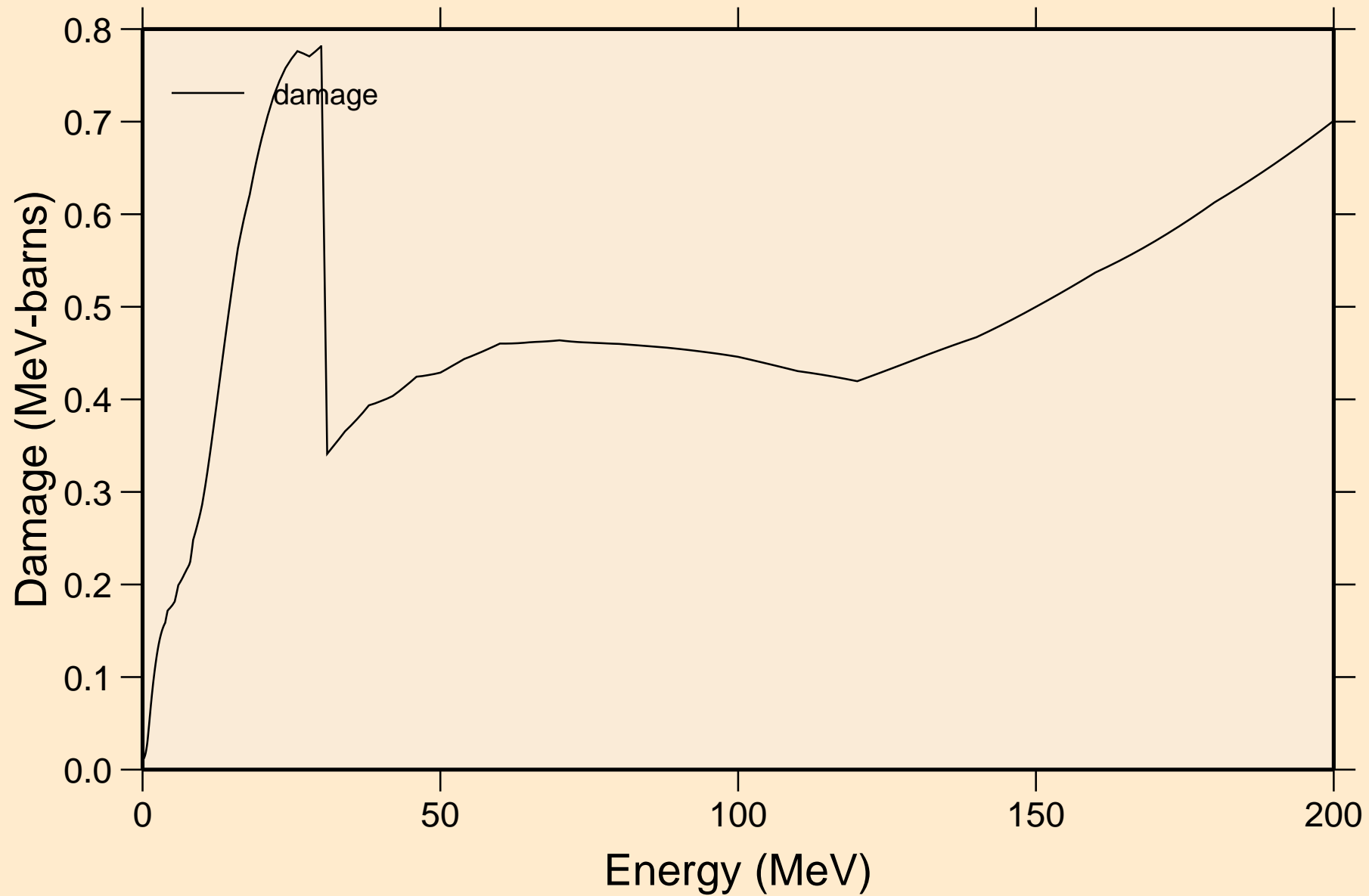
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## Heating

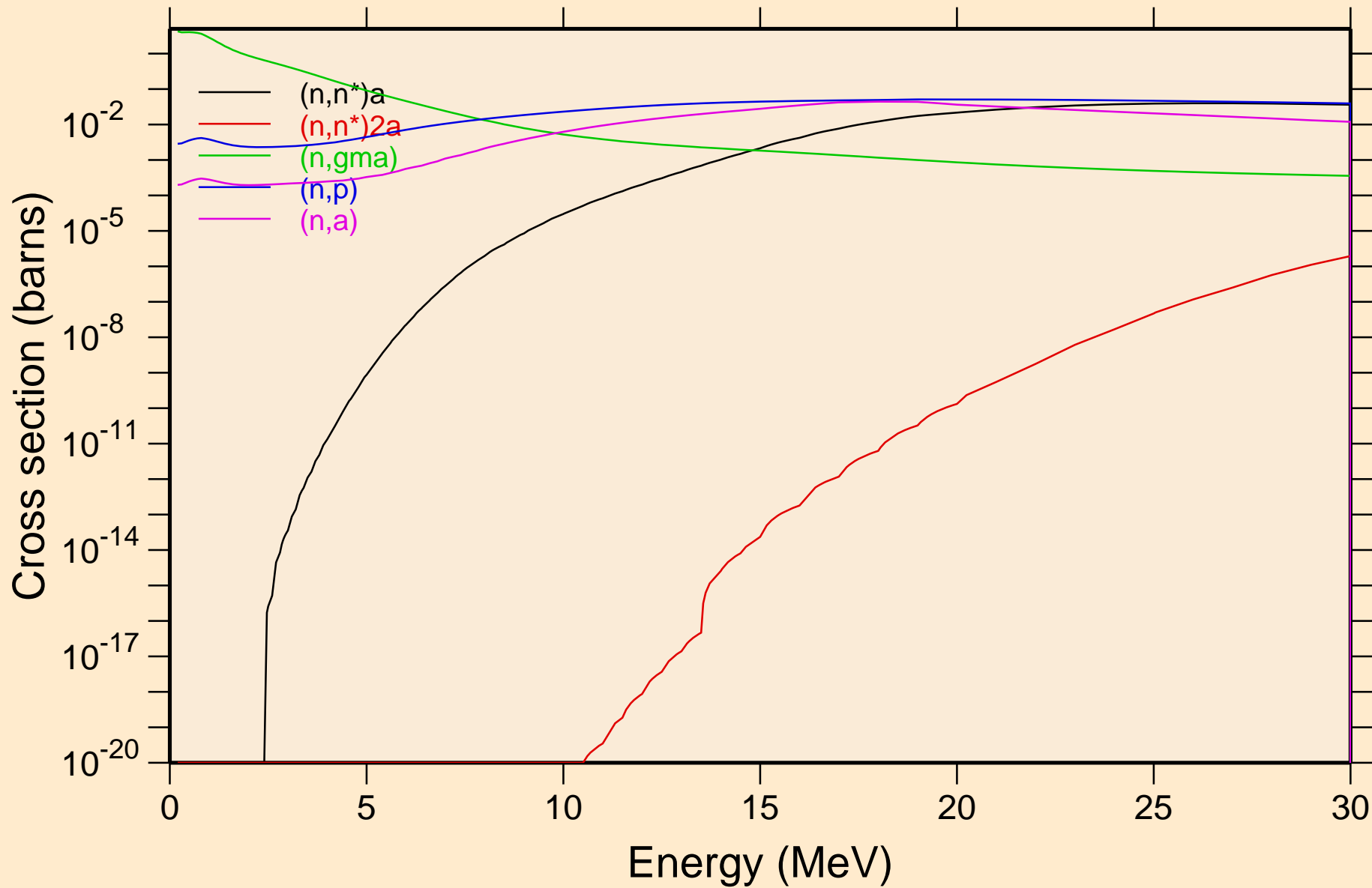




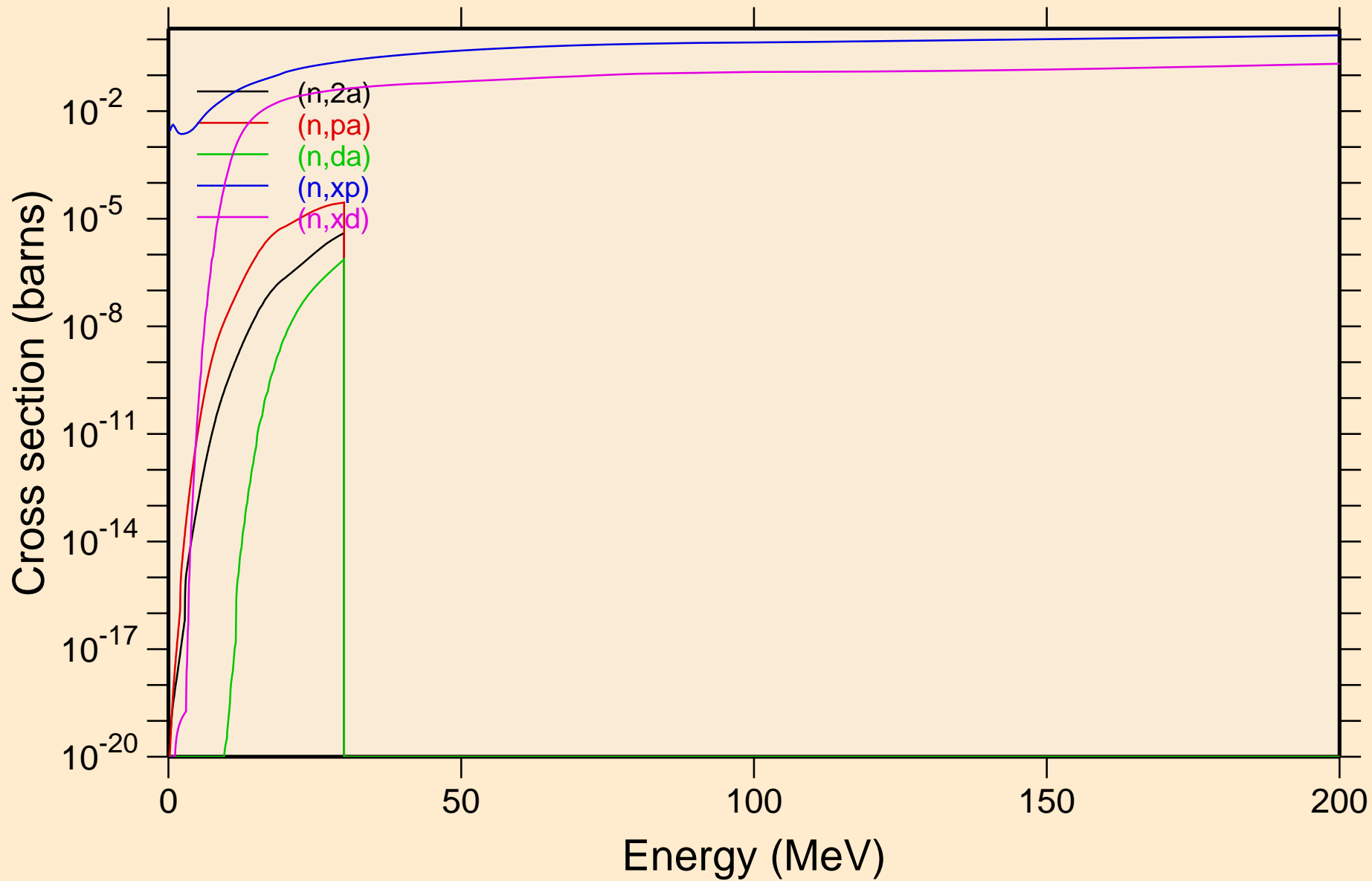
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Damage



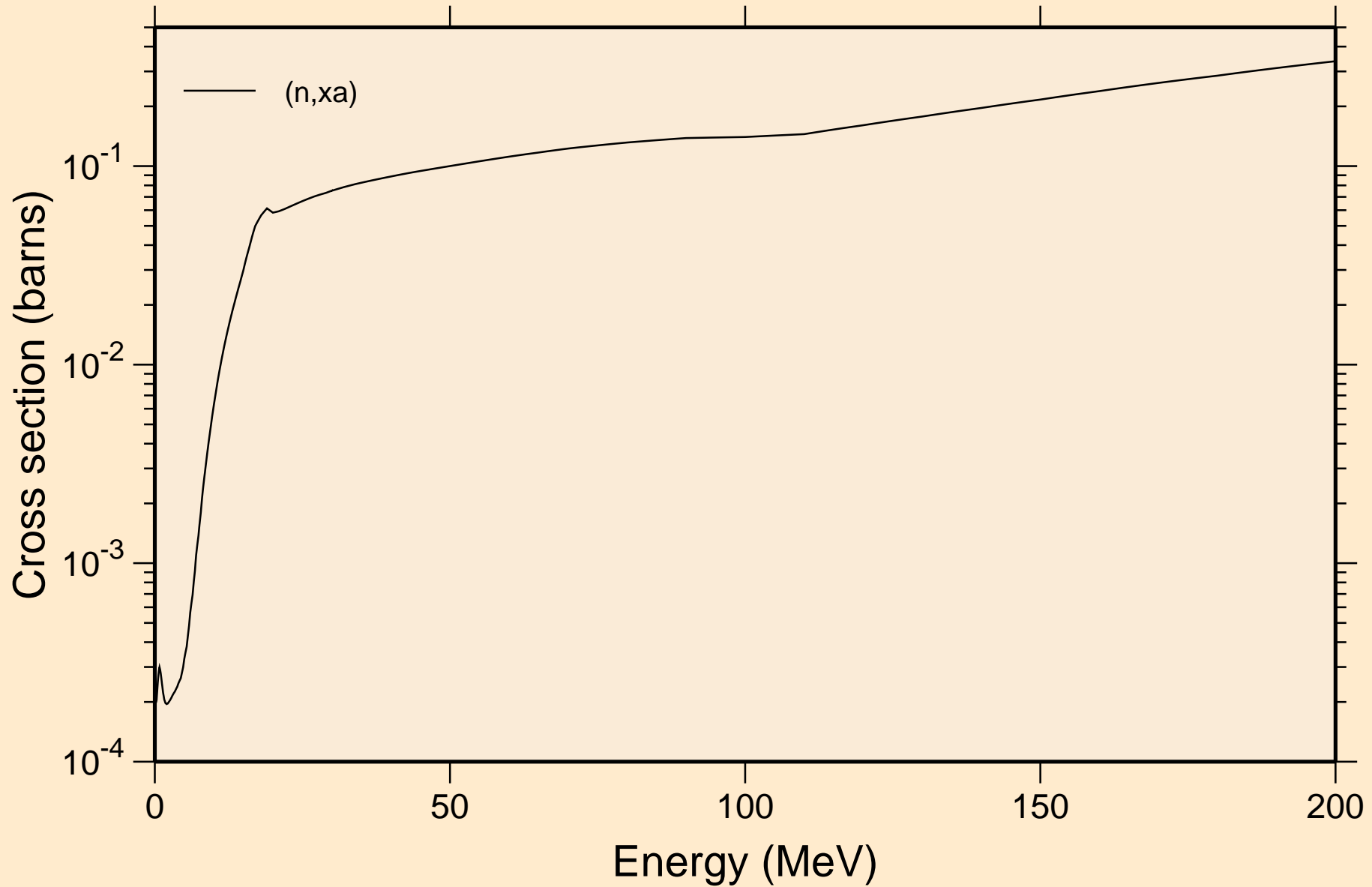
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Non-threshold reactions



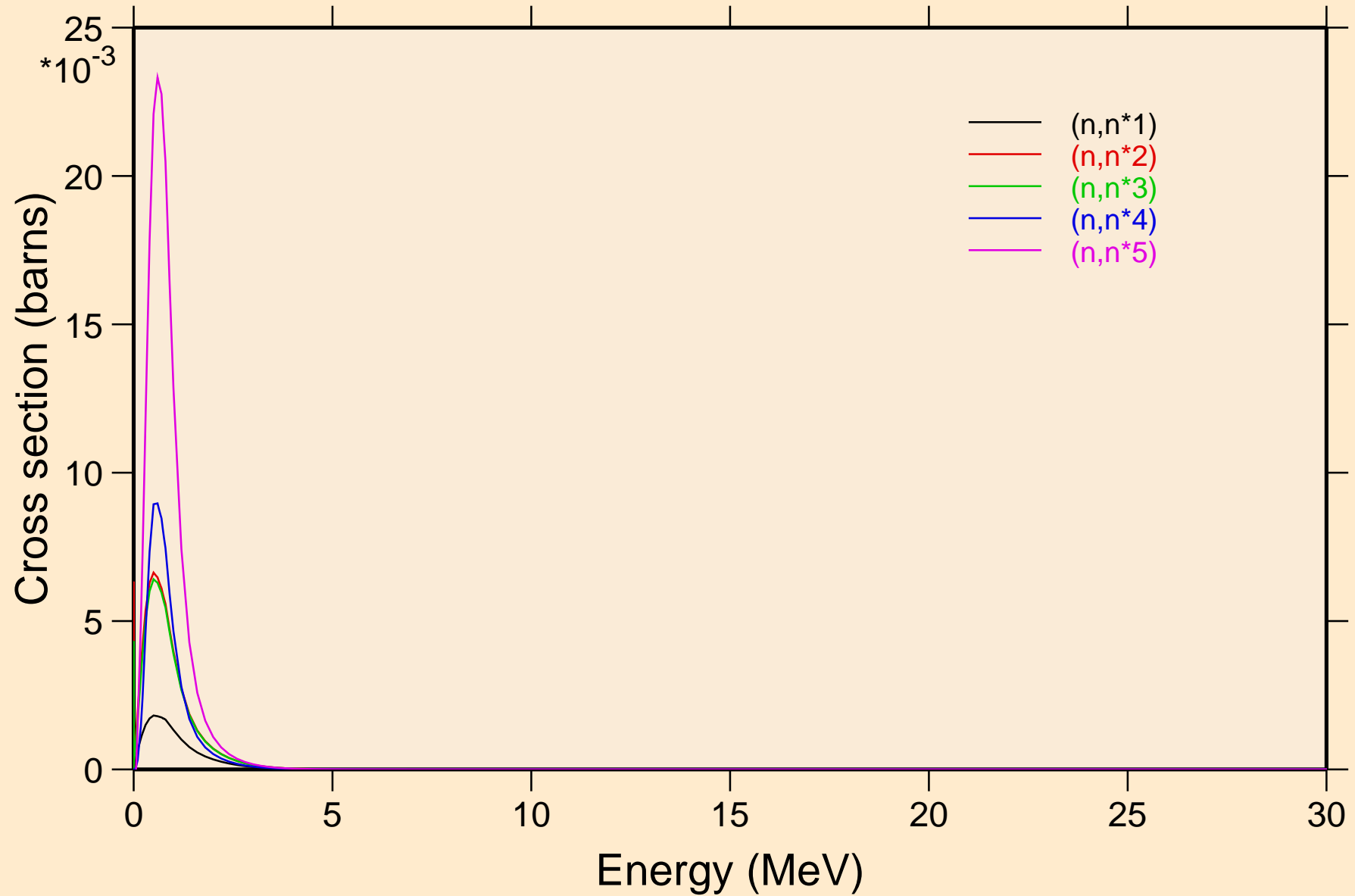
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Non-threshold reactions



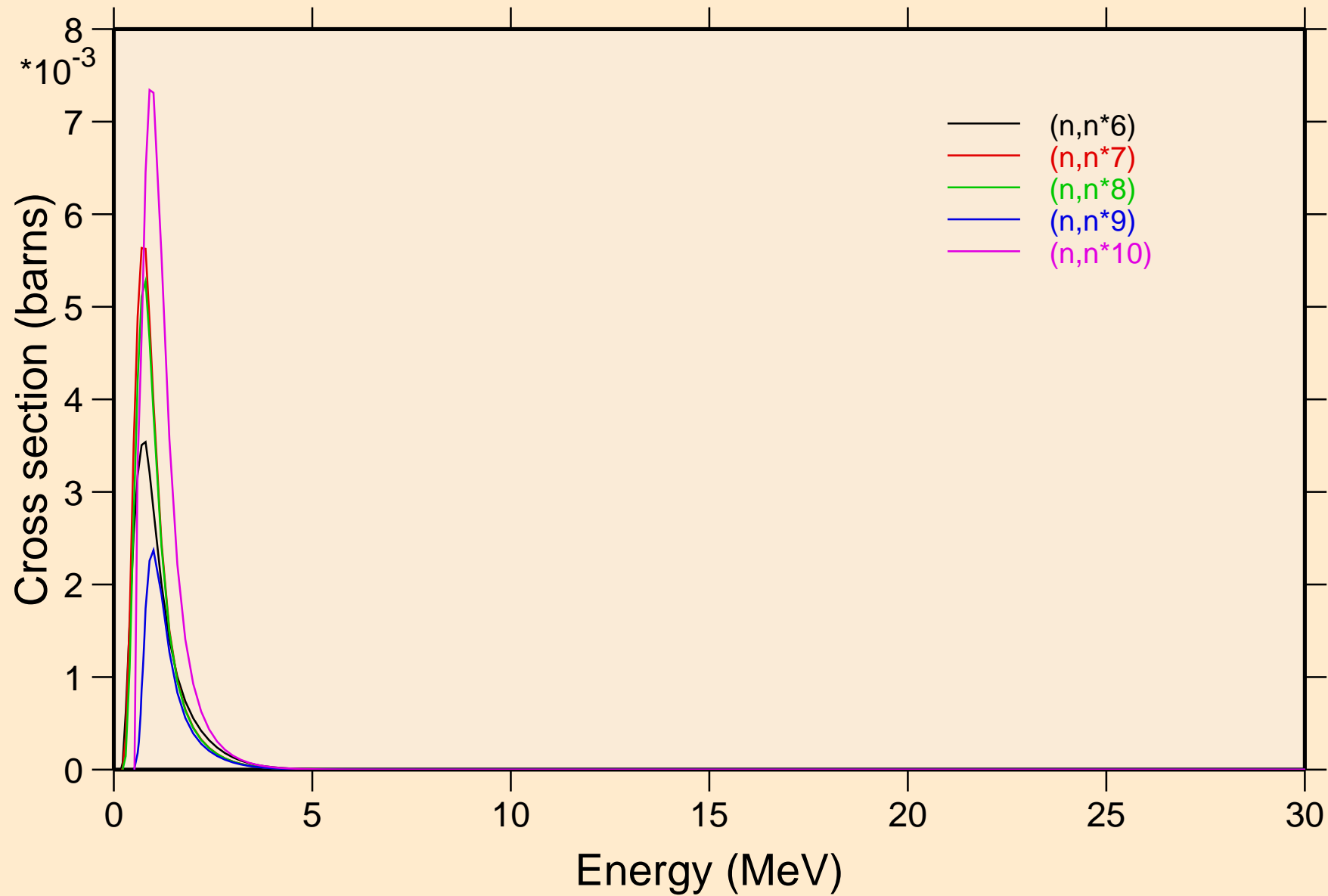
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Non-threshold reactions



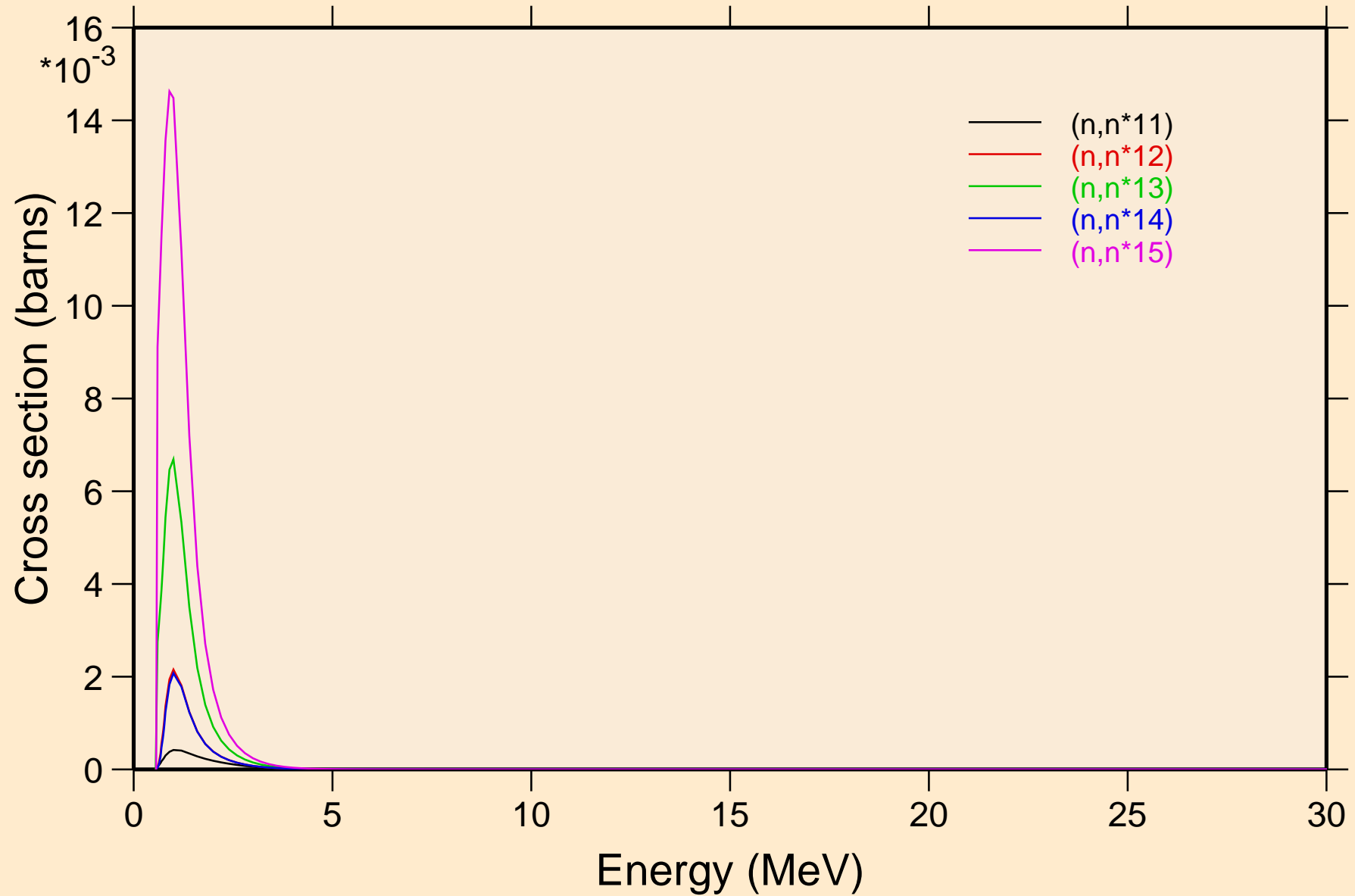
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



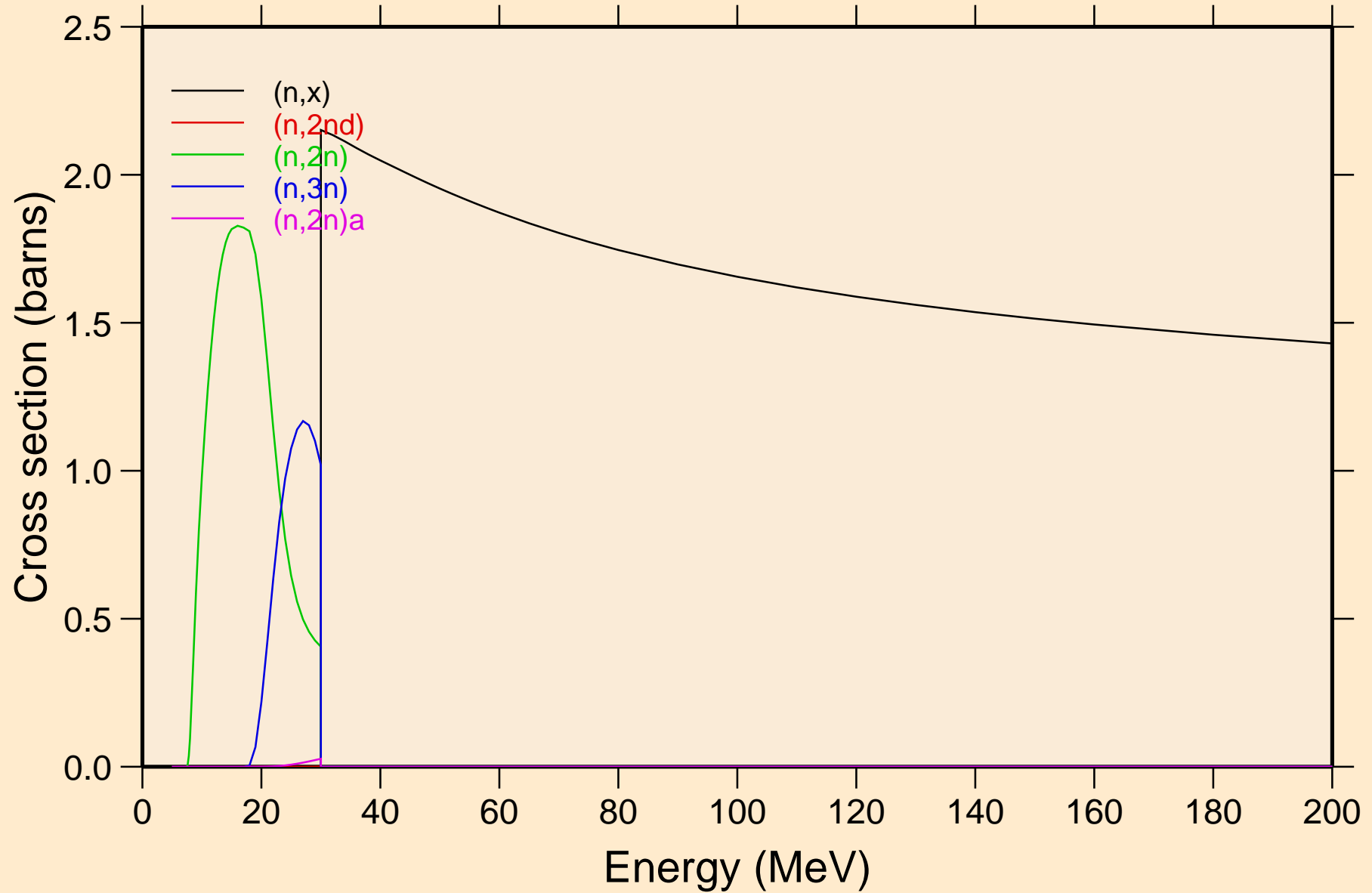
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

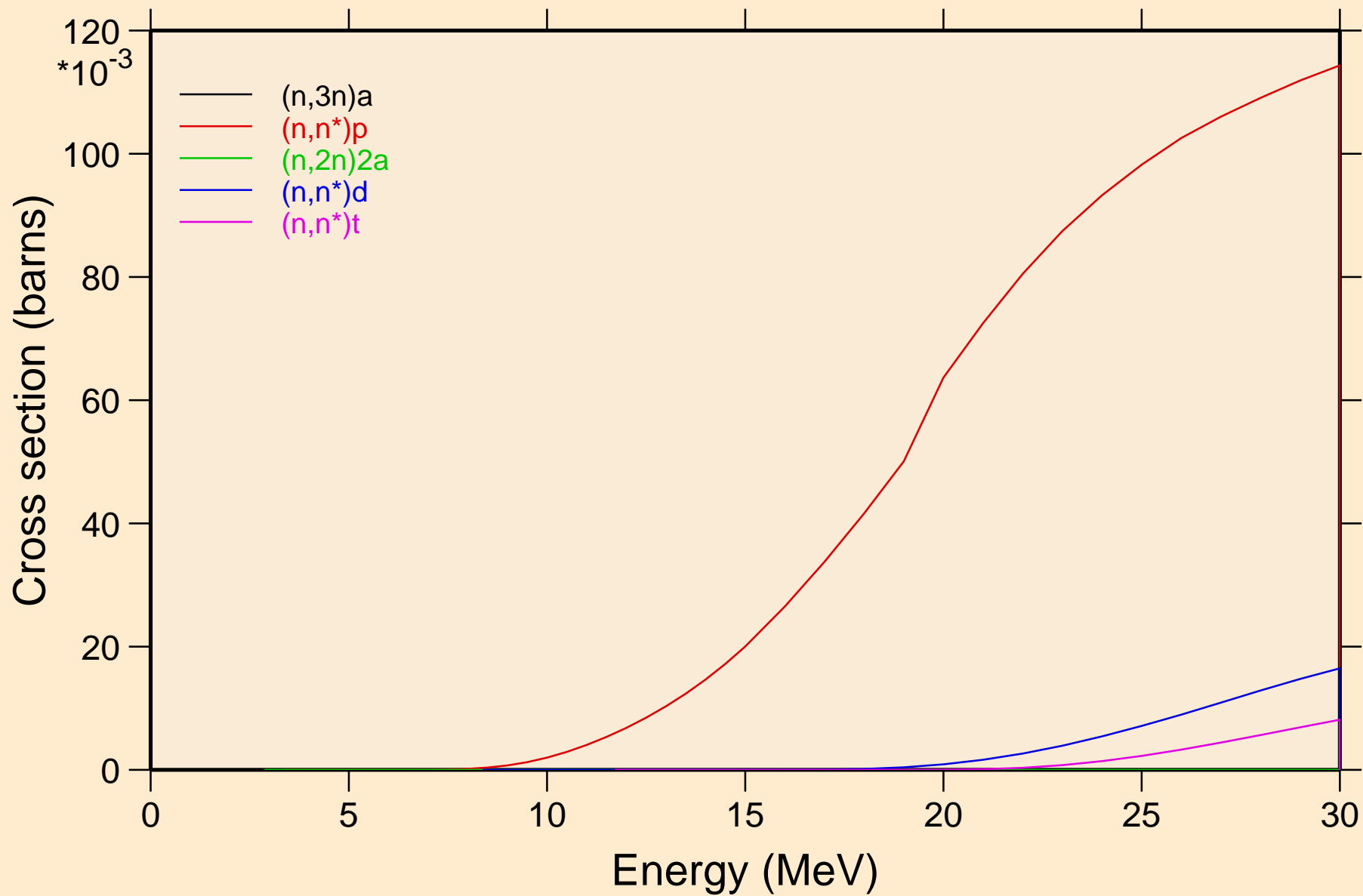


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



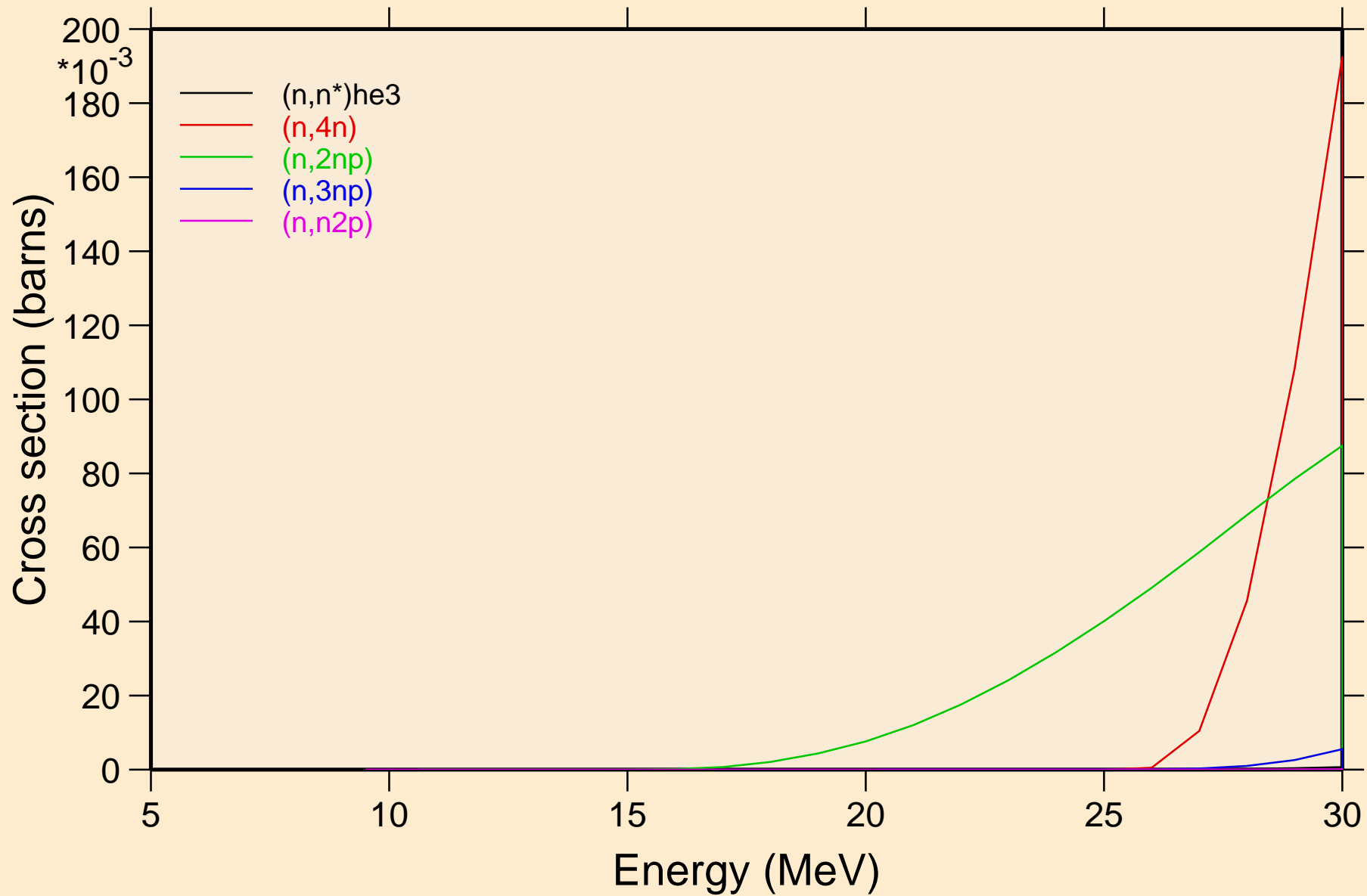


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

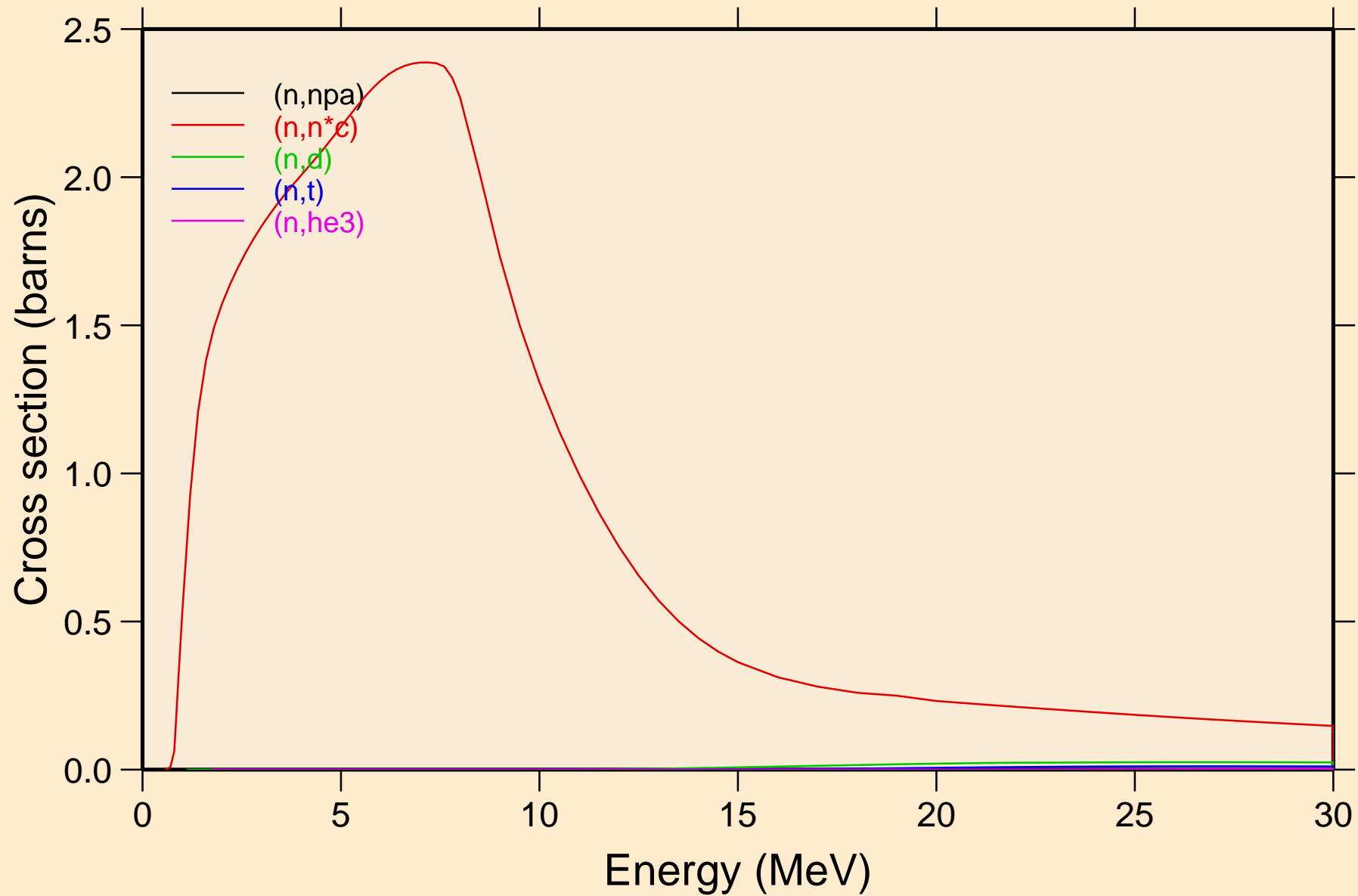


# TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

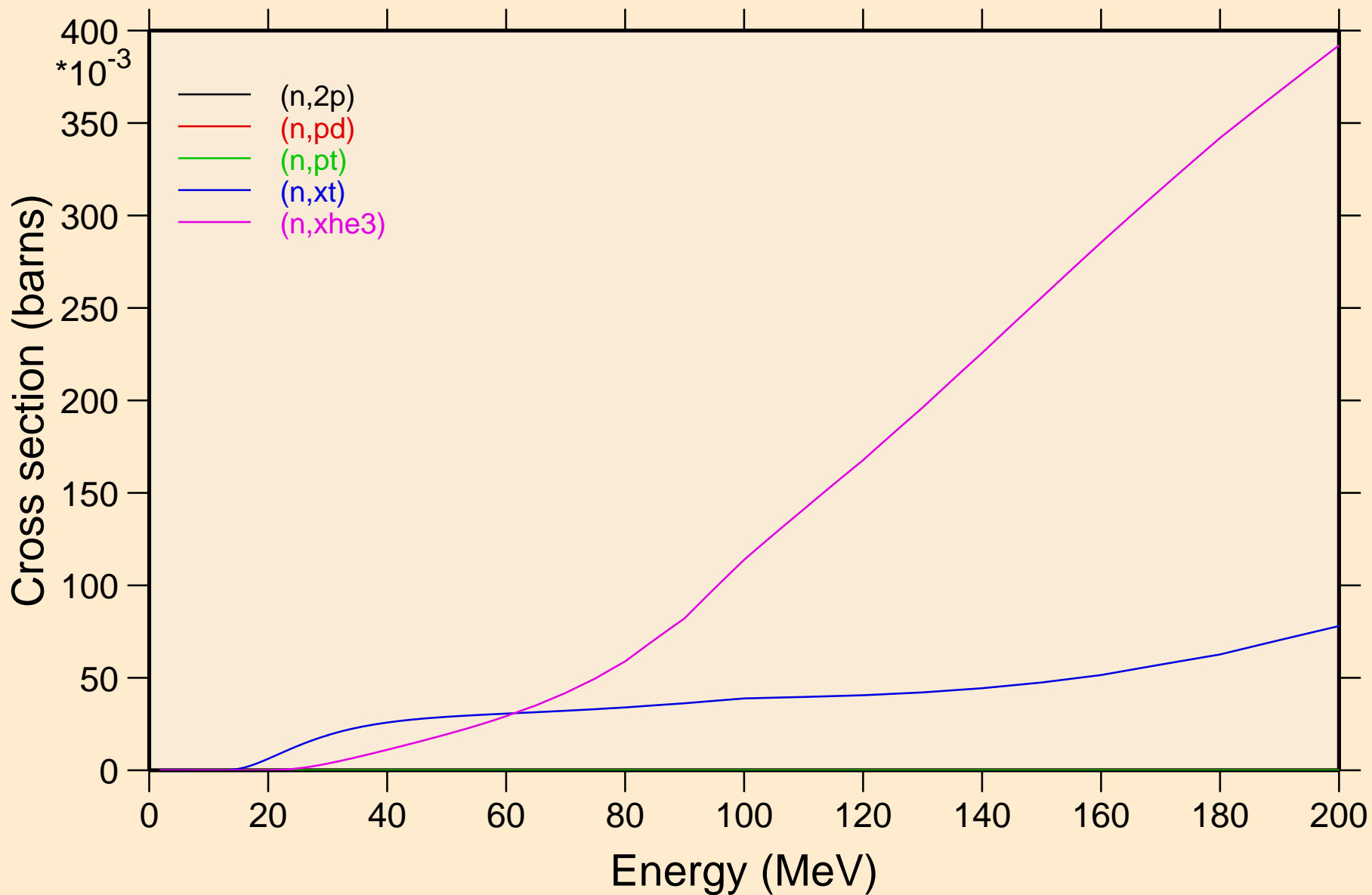


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

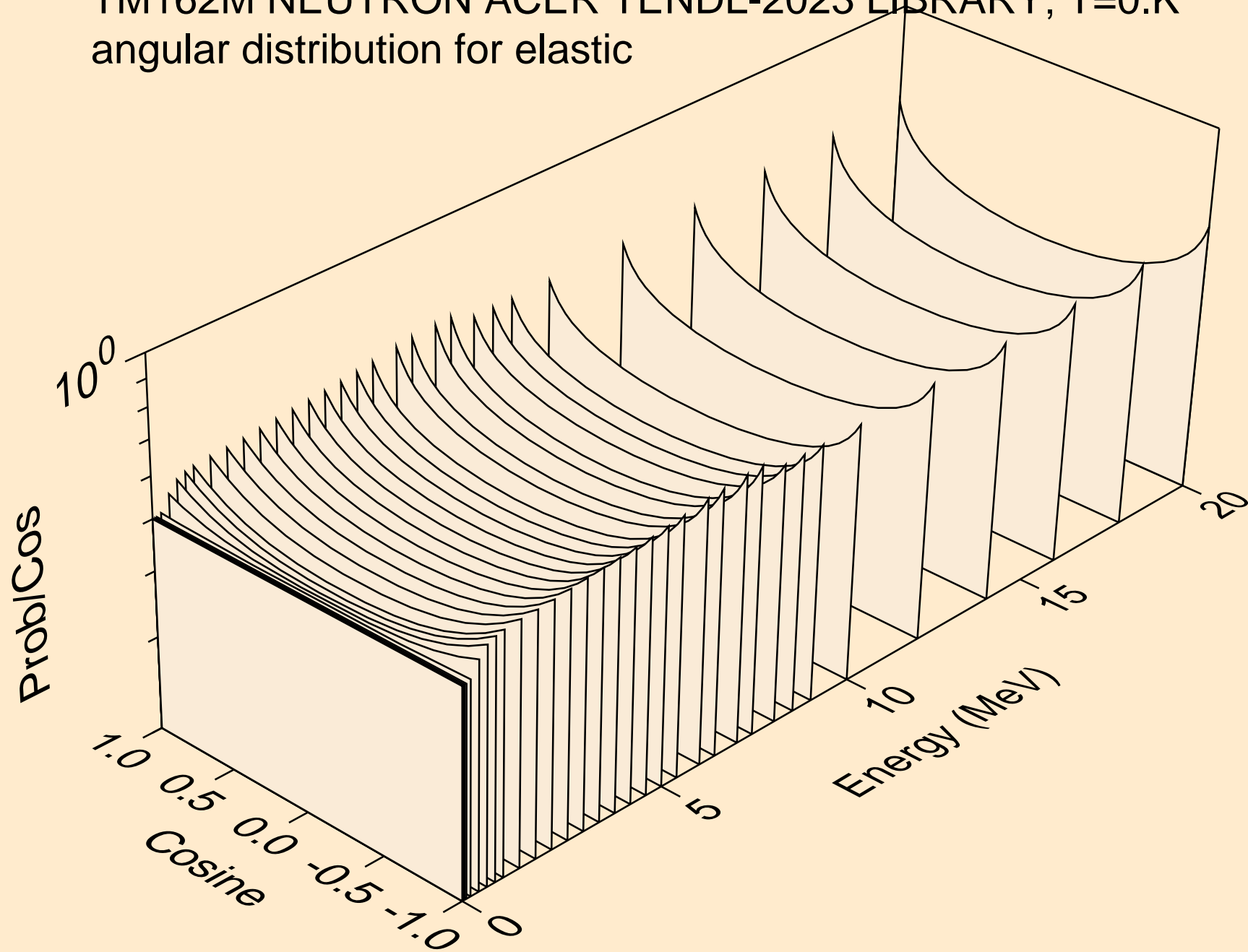


# TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

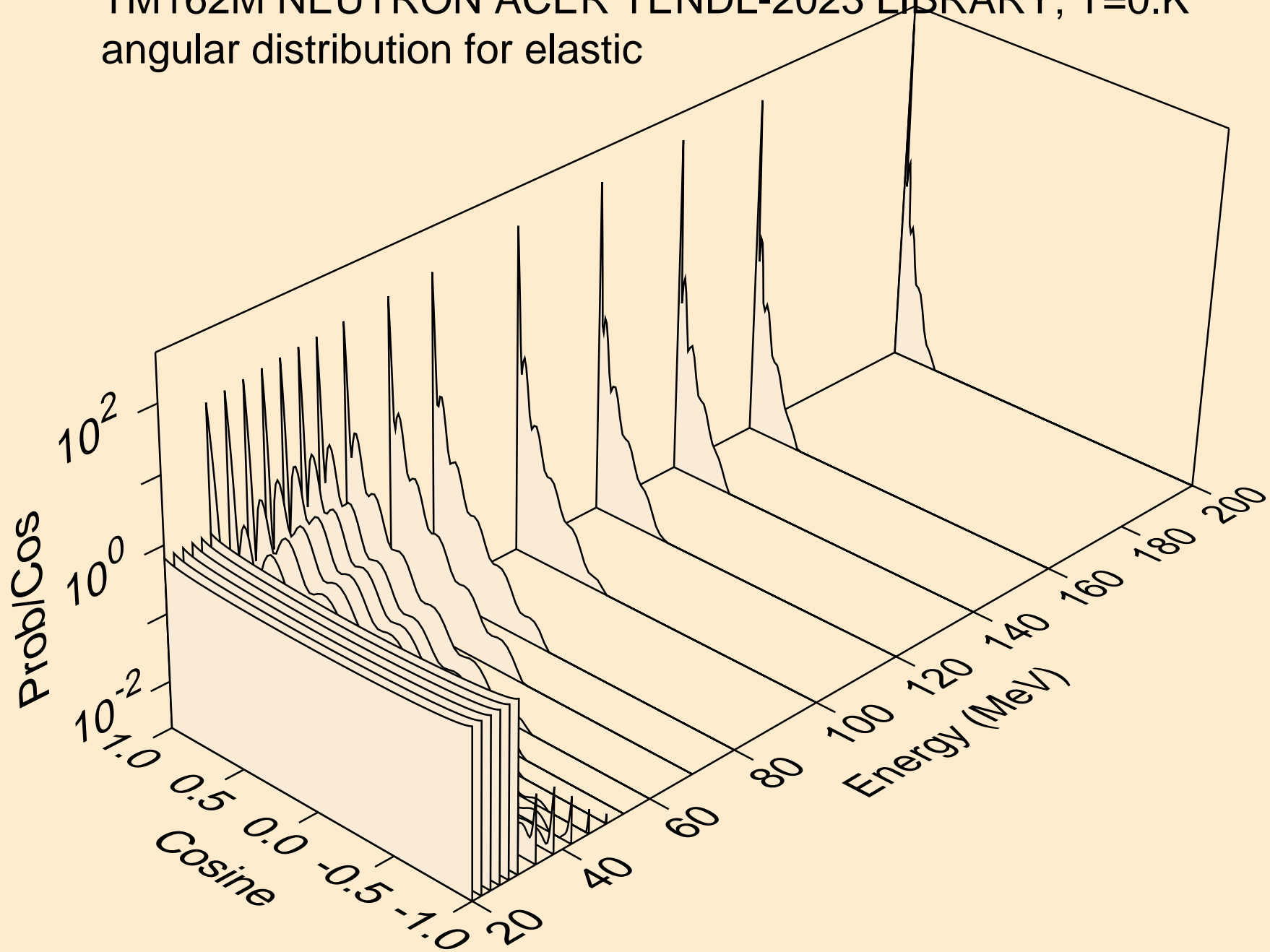
## Threshold reactions



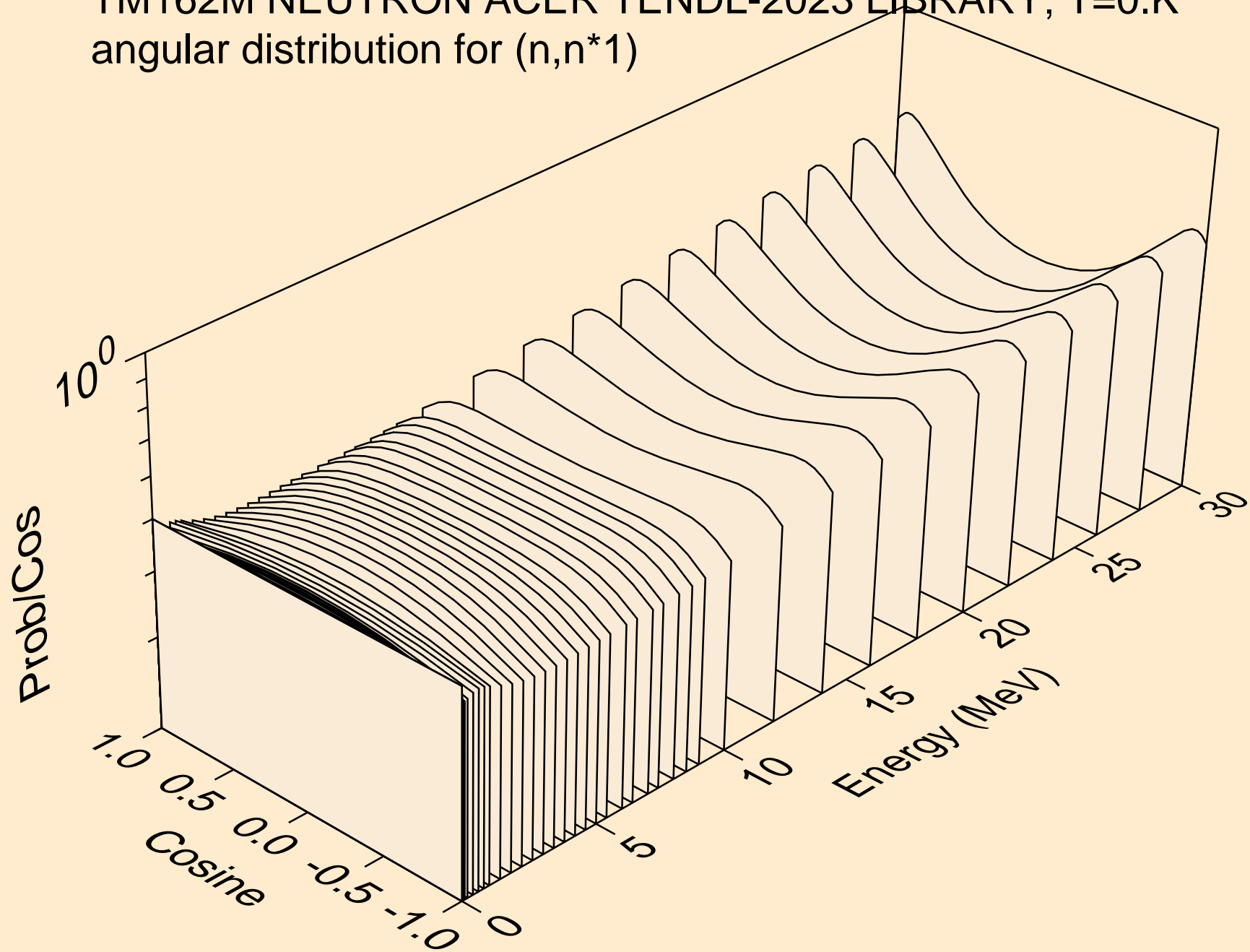
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



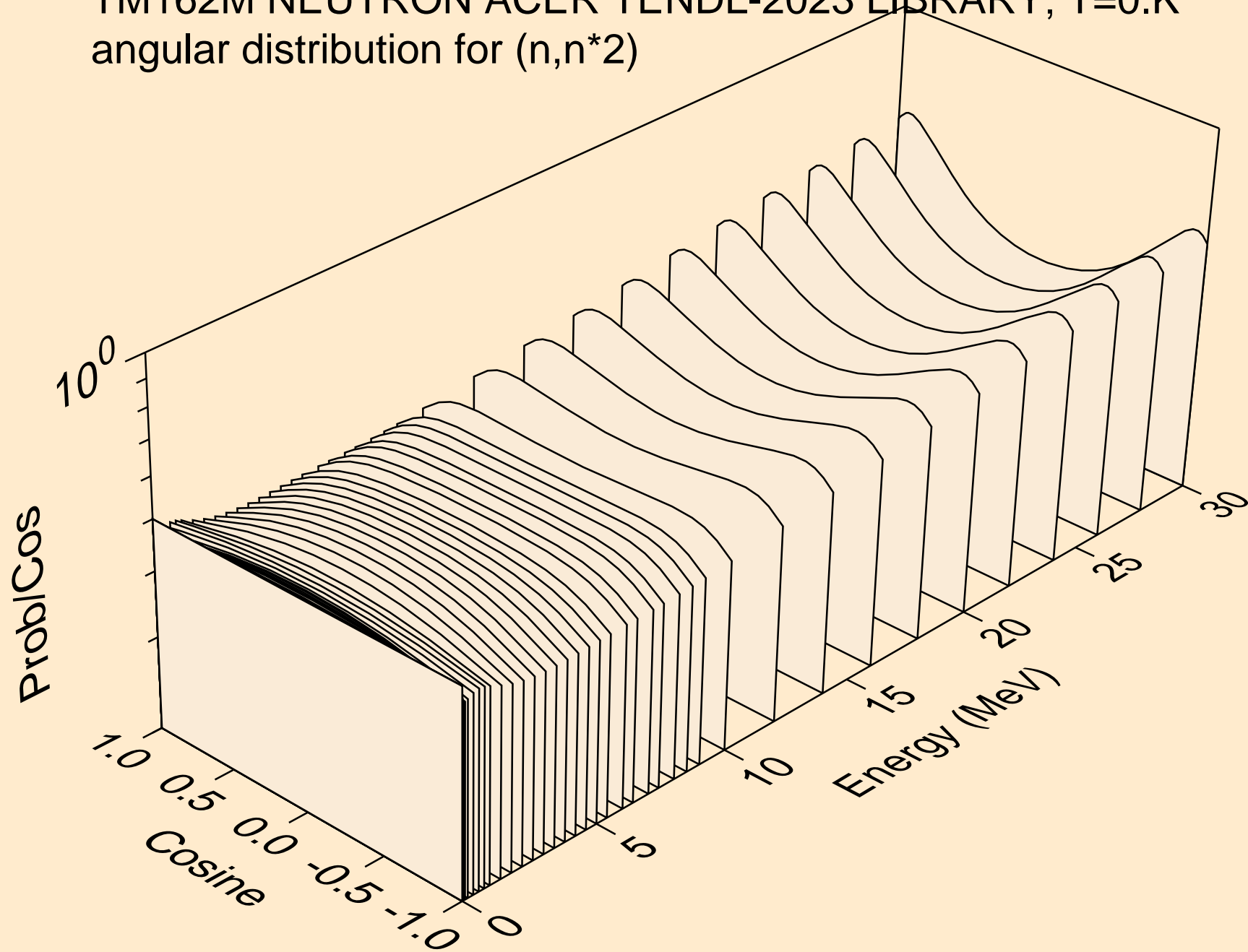
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

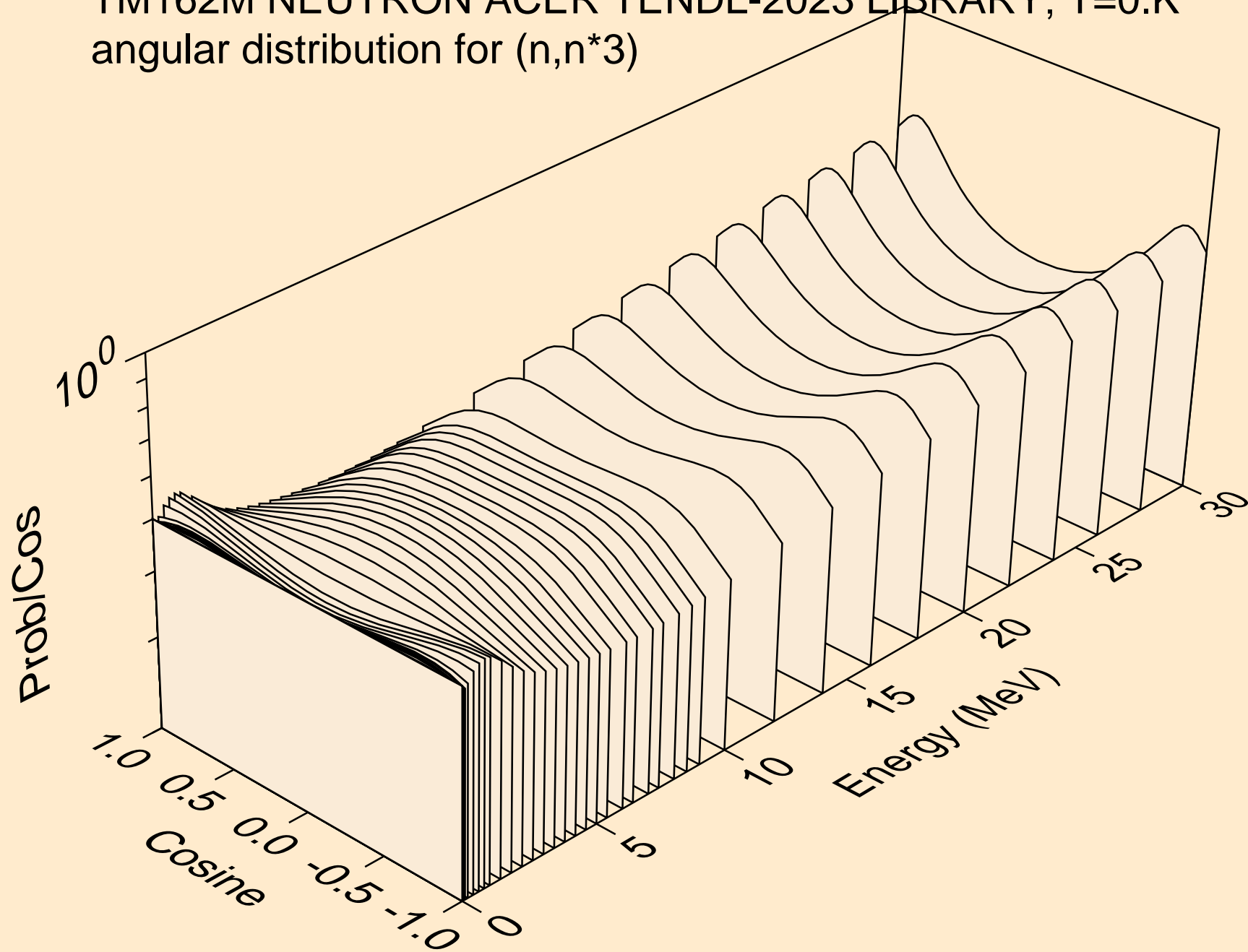


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angular distribution for (n,n\*2)

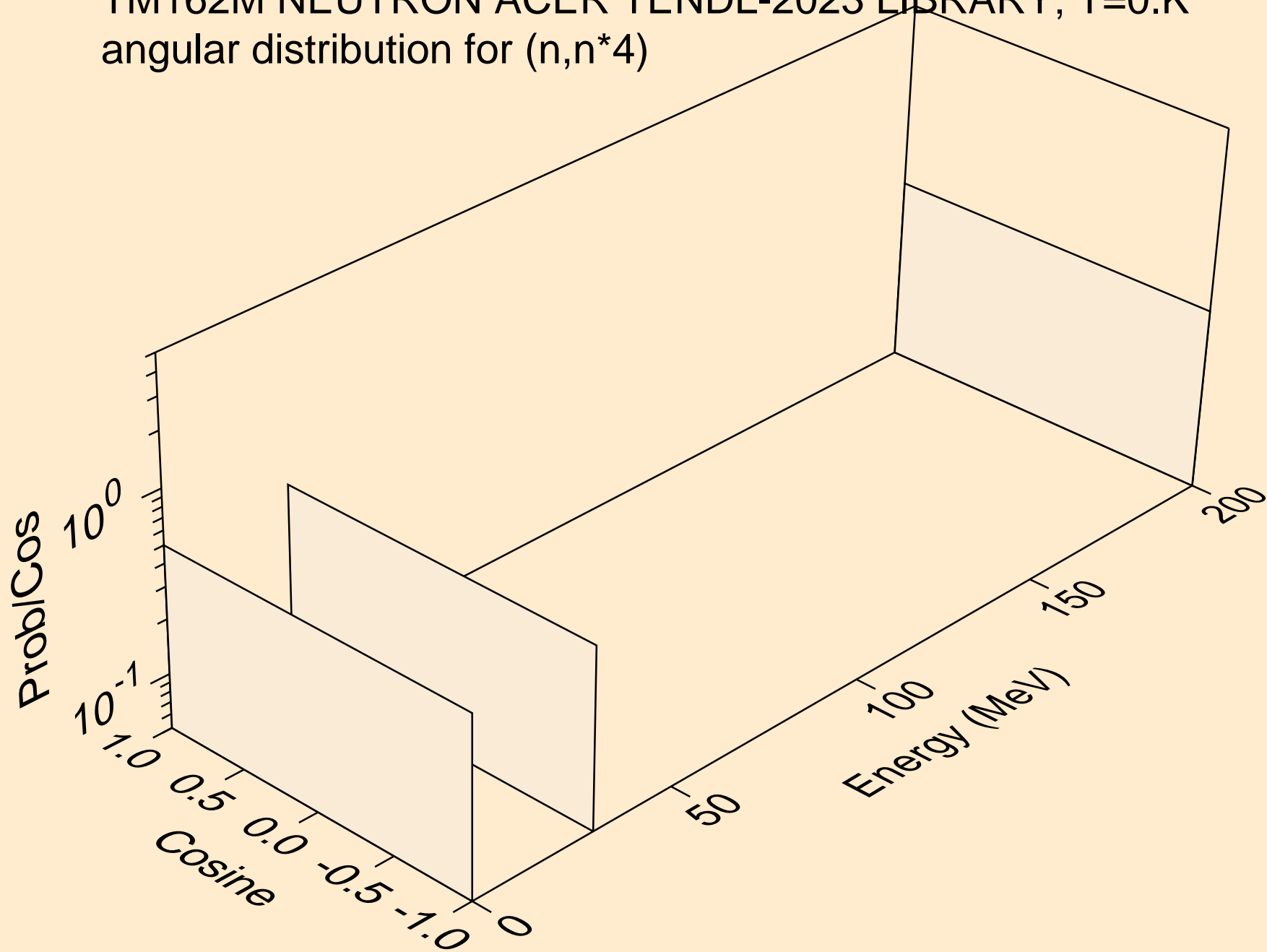




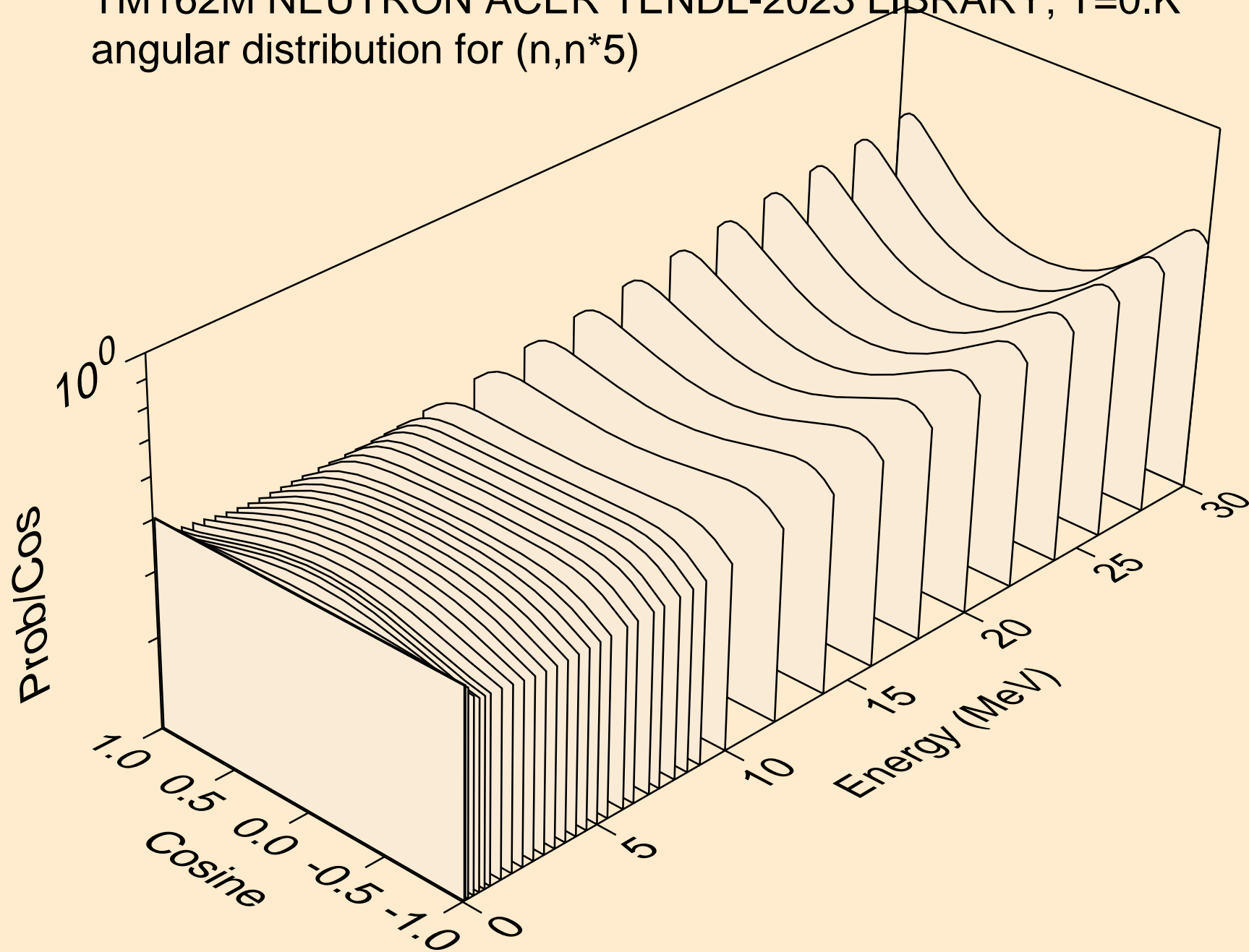
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angular distribution for (n,n\*3)



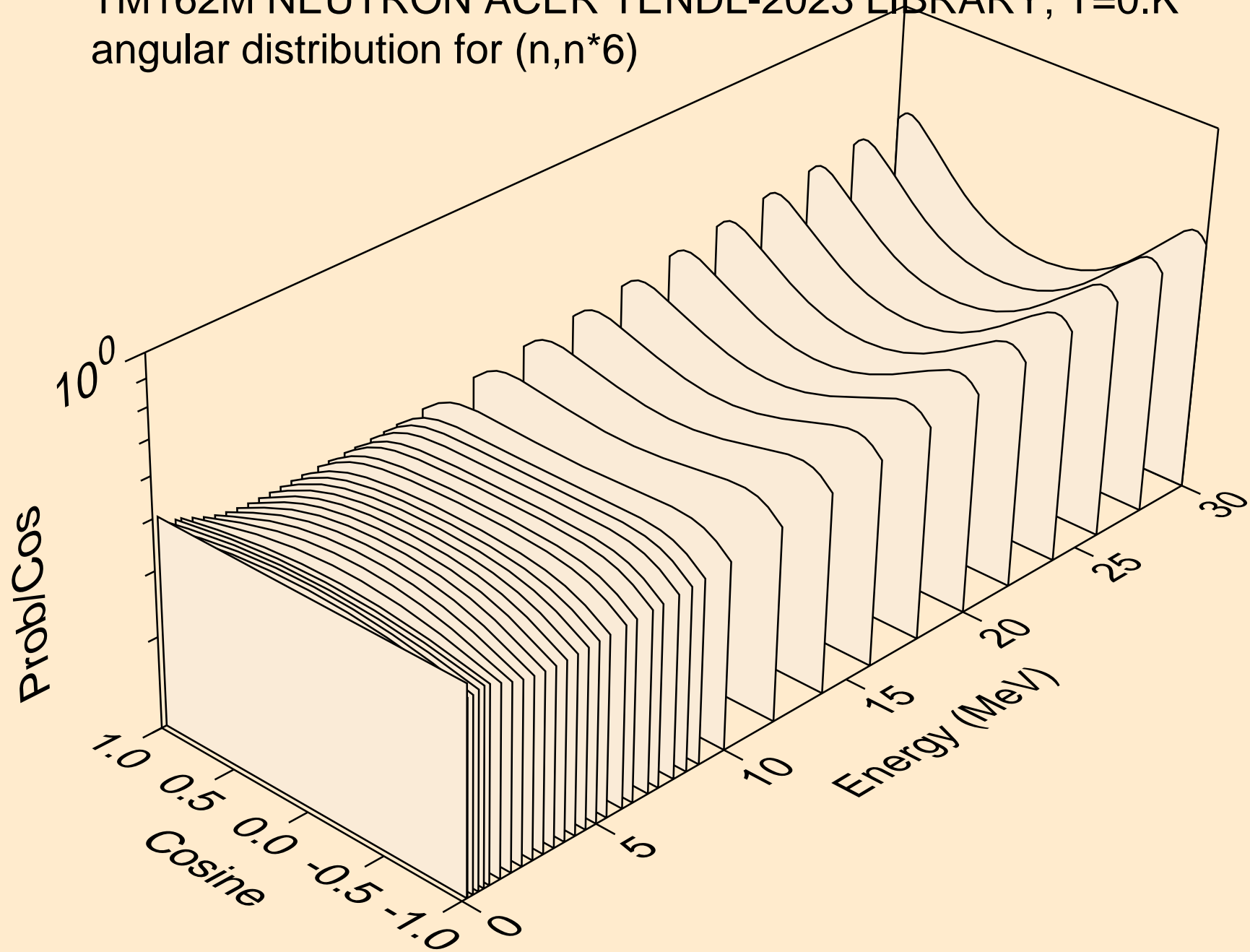
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angular distribution for (n,n\*4)



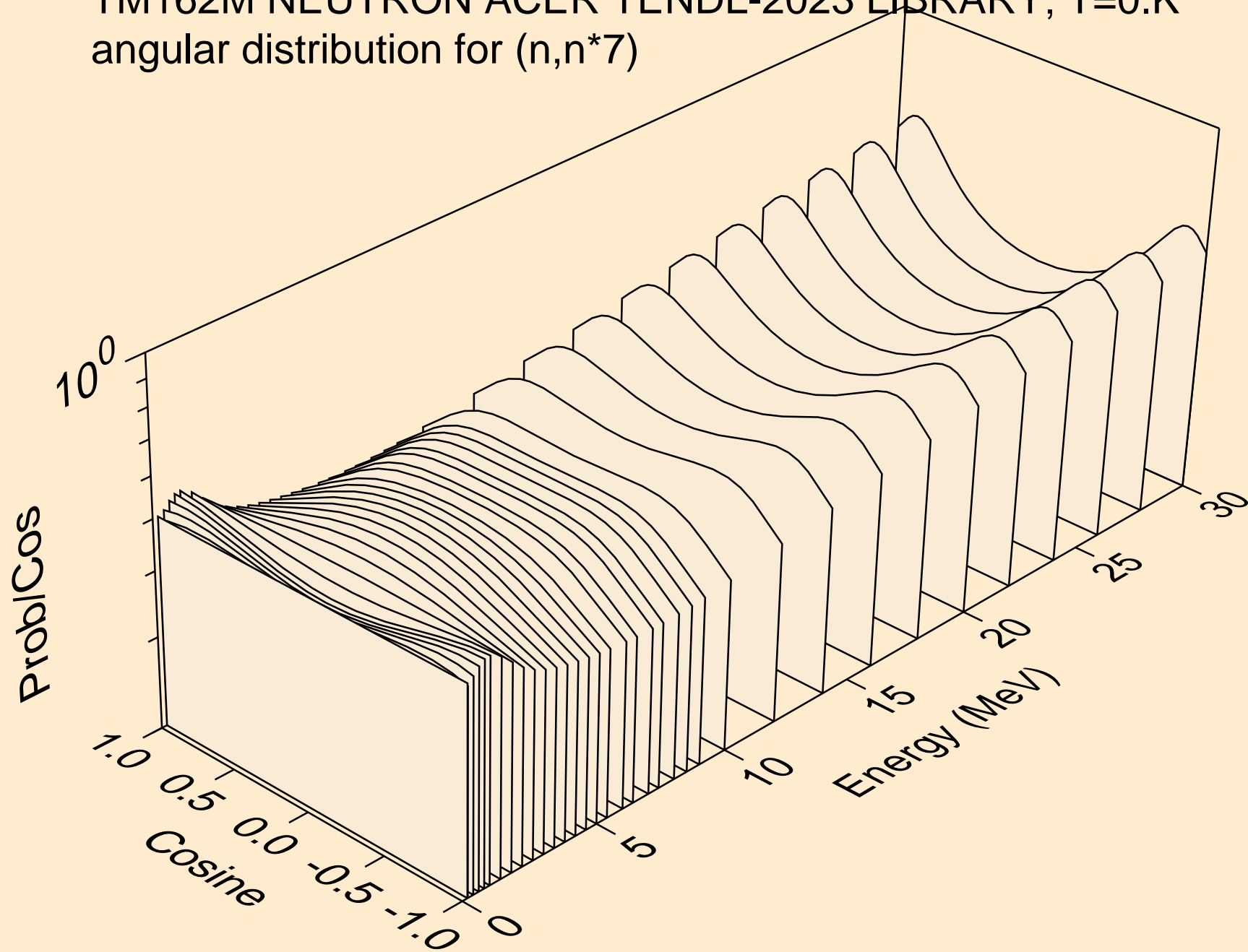
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angular distribution for (n,n\*5)



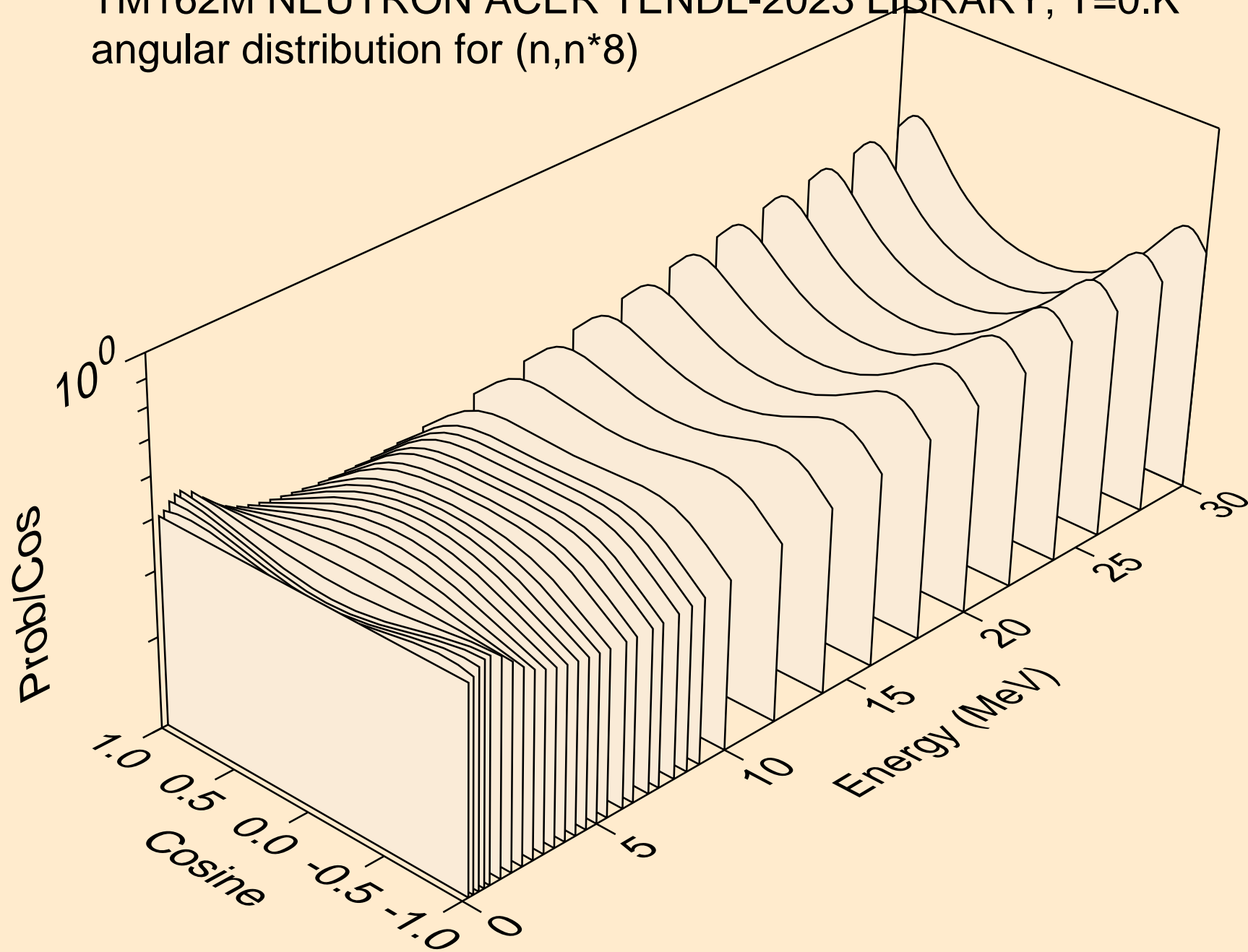
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angular distribution for (n,n\*6)



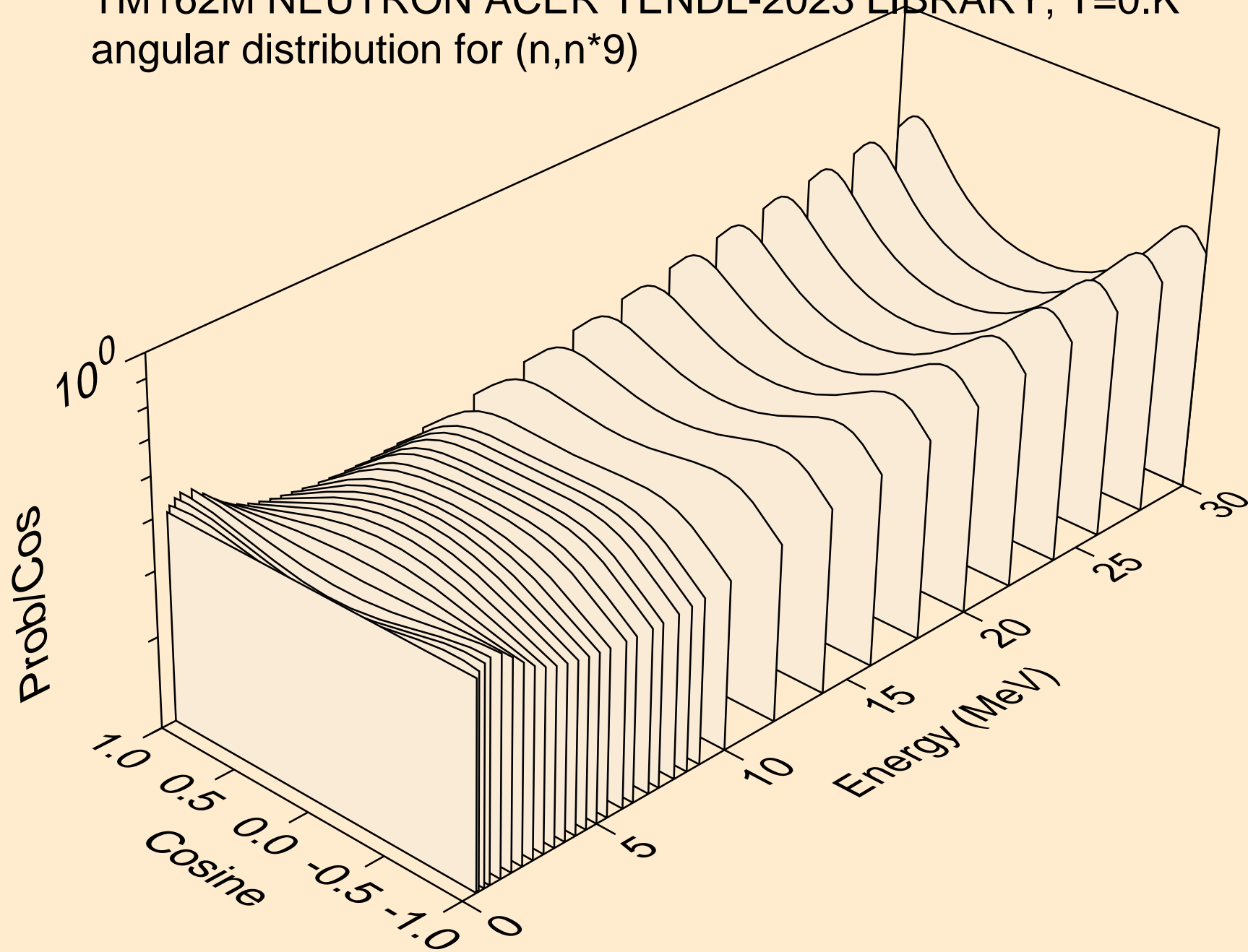
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angular distribution for (n,n\*7)



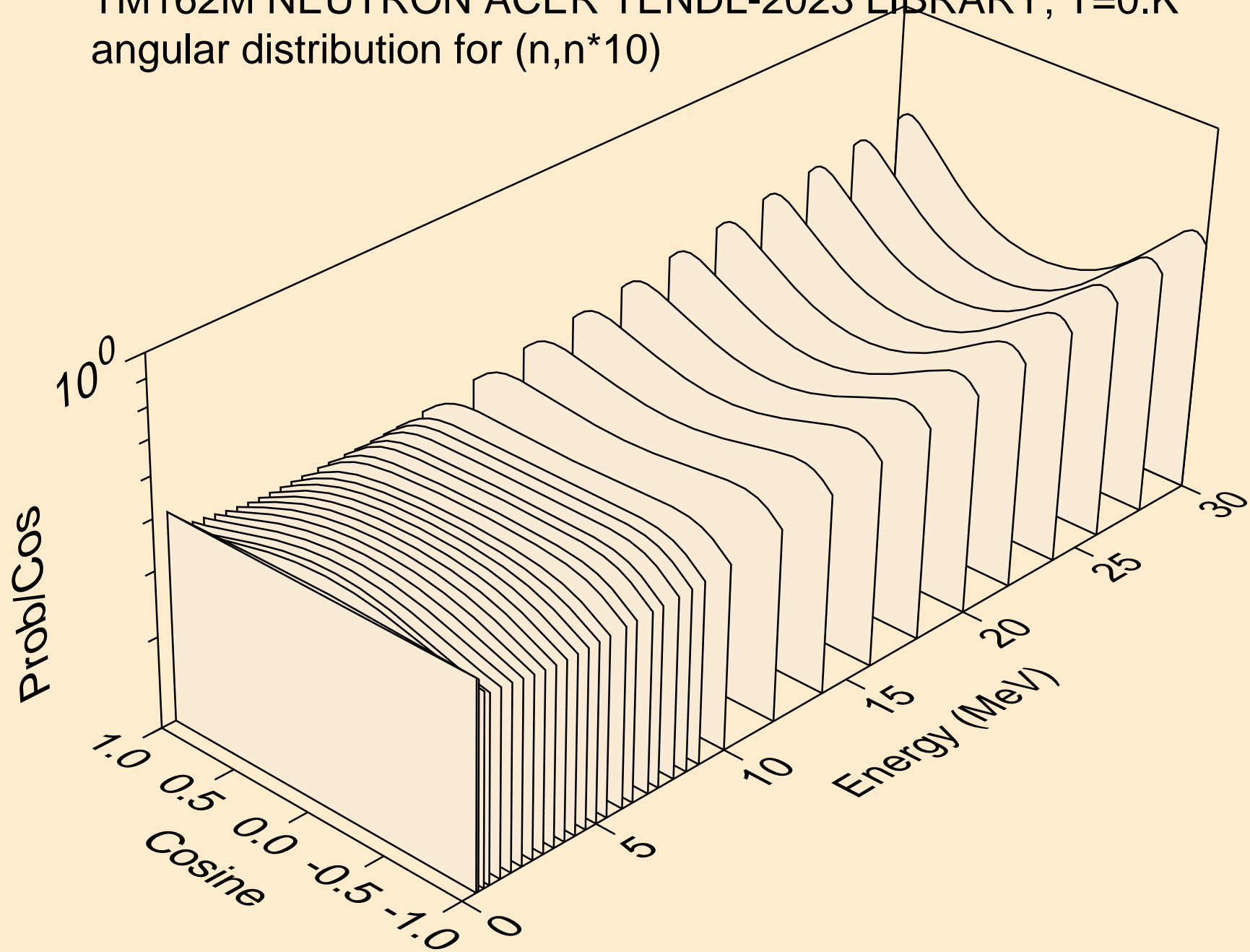
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

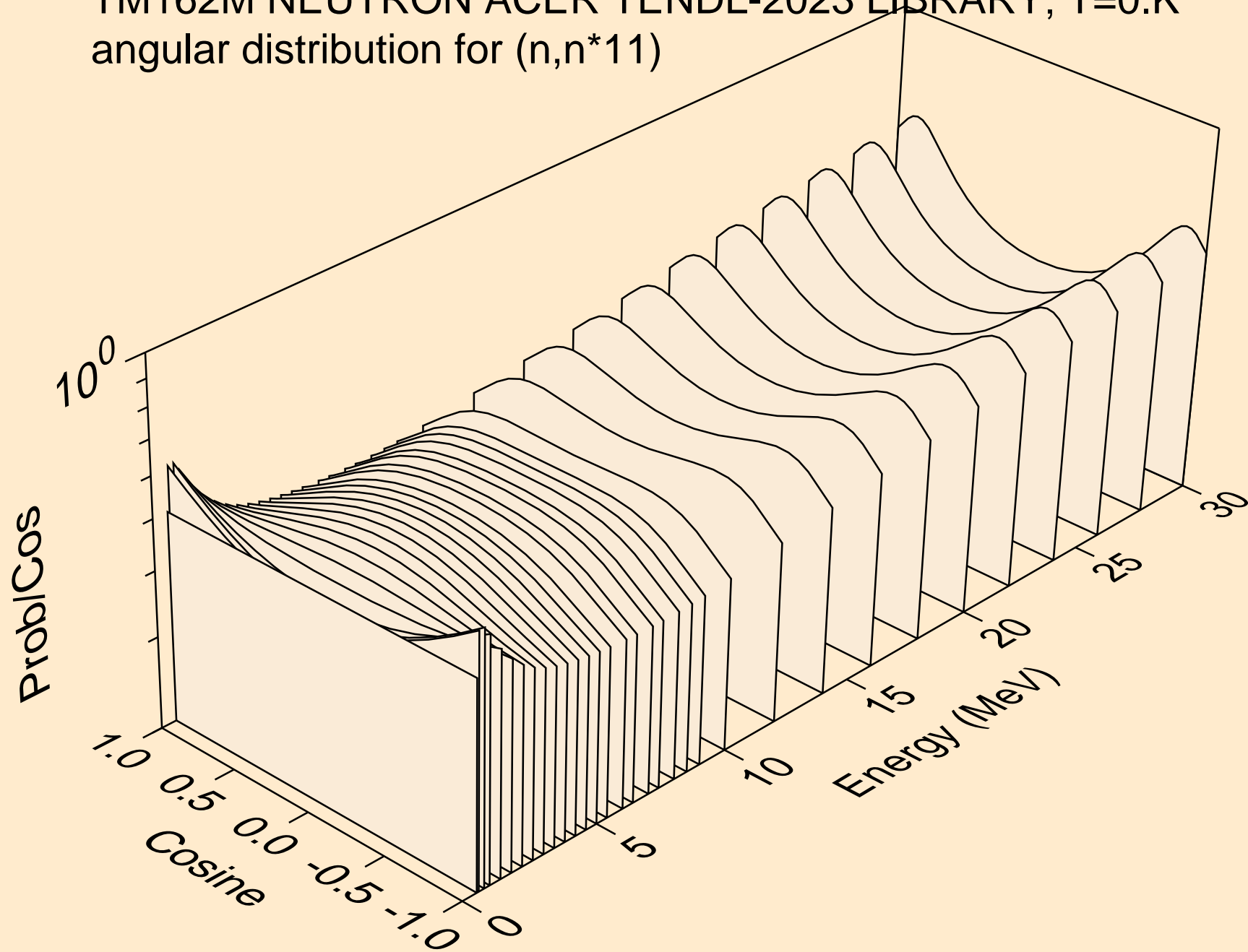


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angular distribution for (n,n\*10)

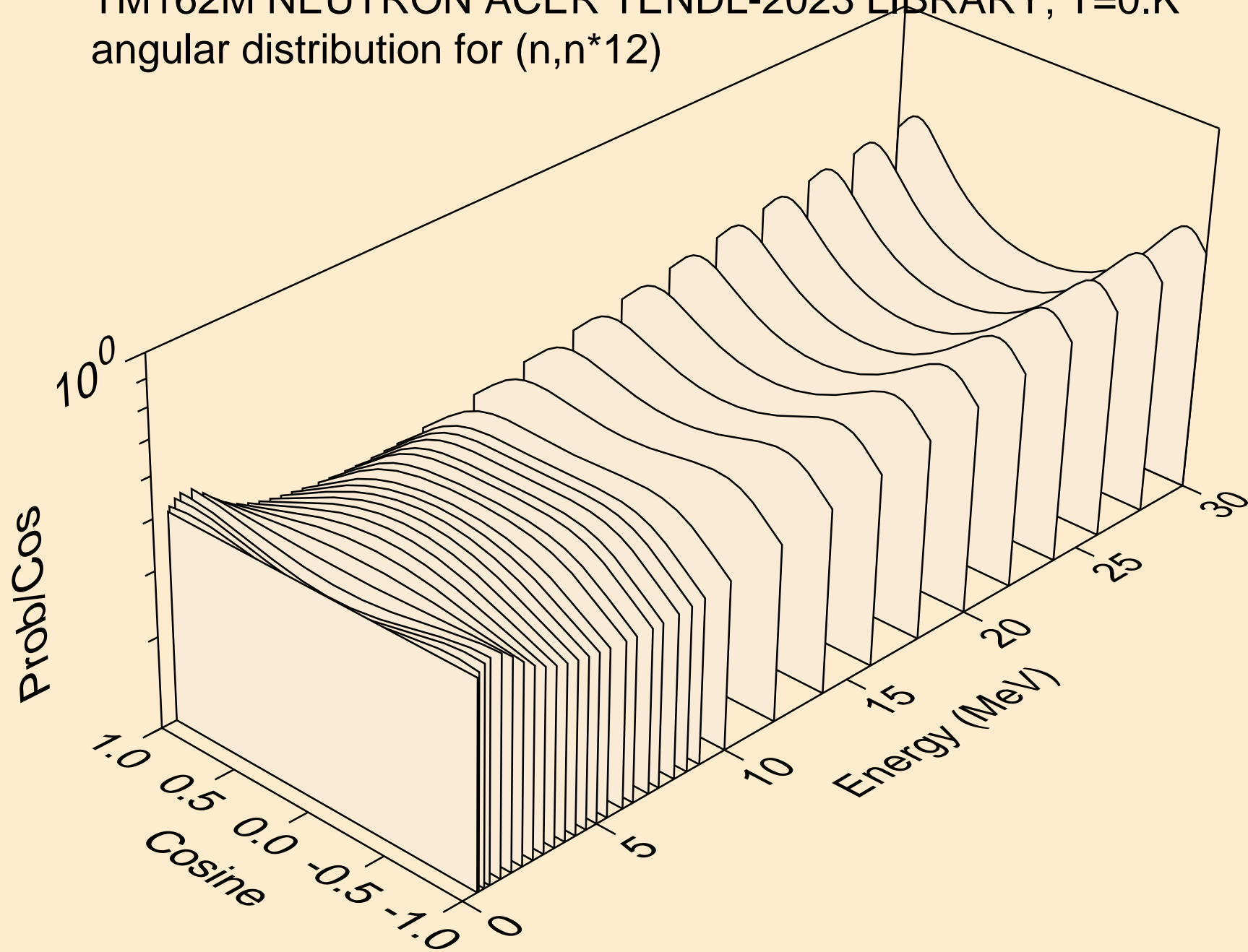




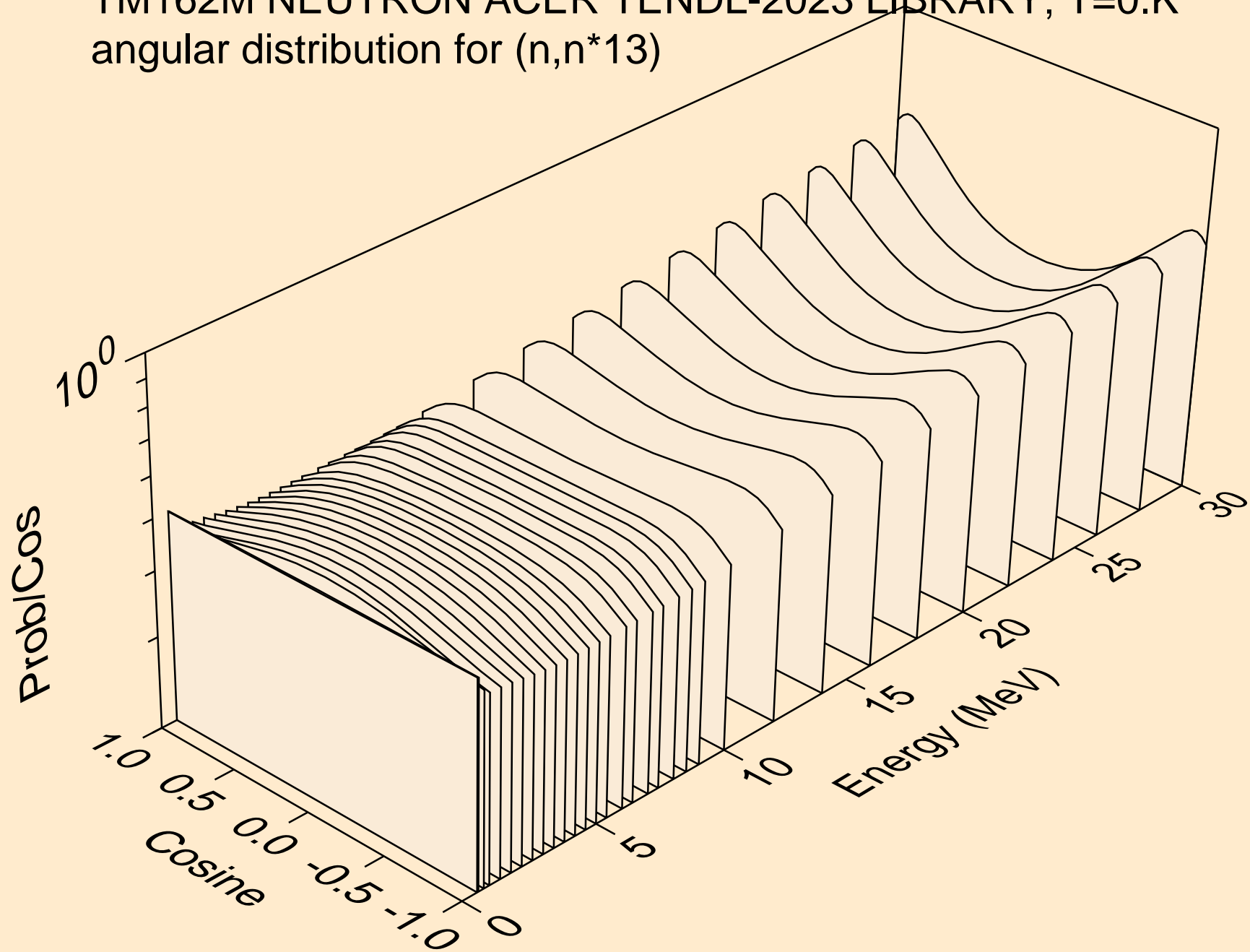
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angular distribution for (n,n\*11)



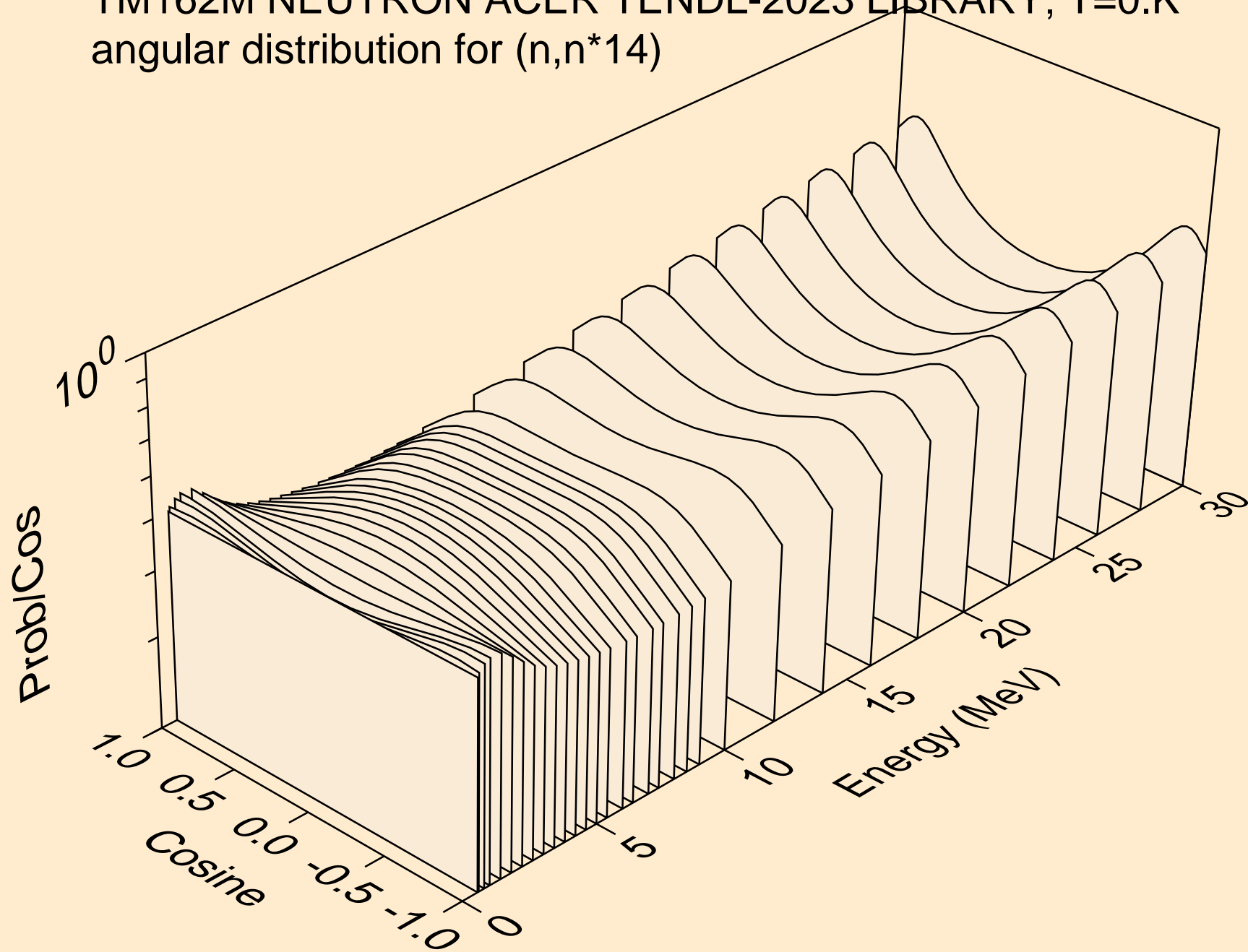
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angular distribution for (n,n\*12)



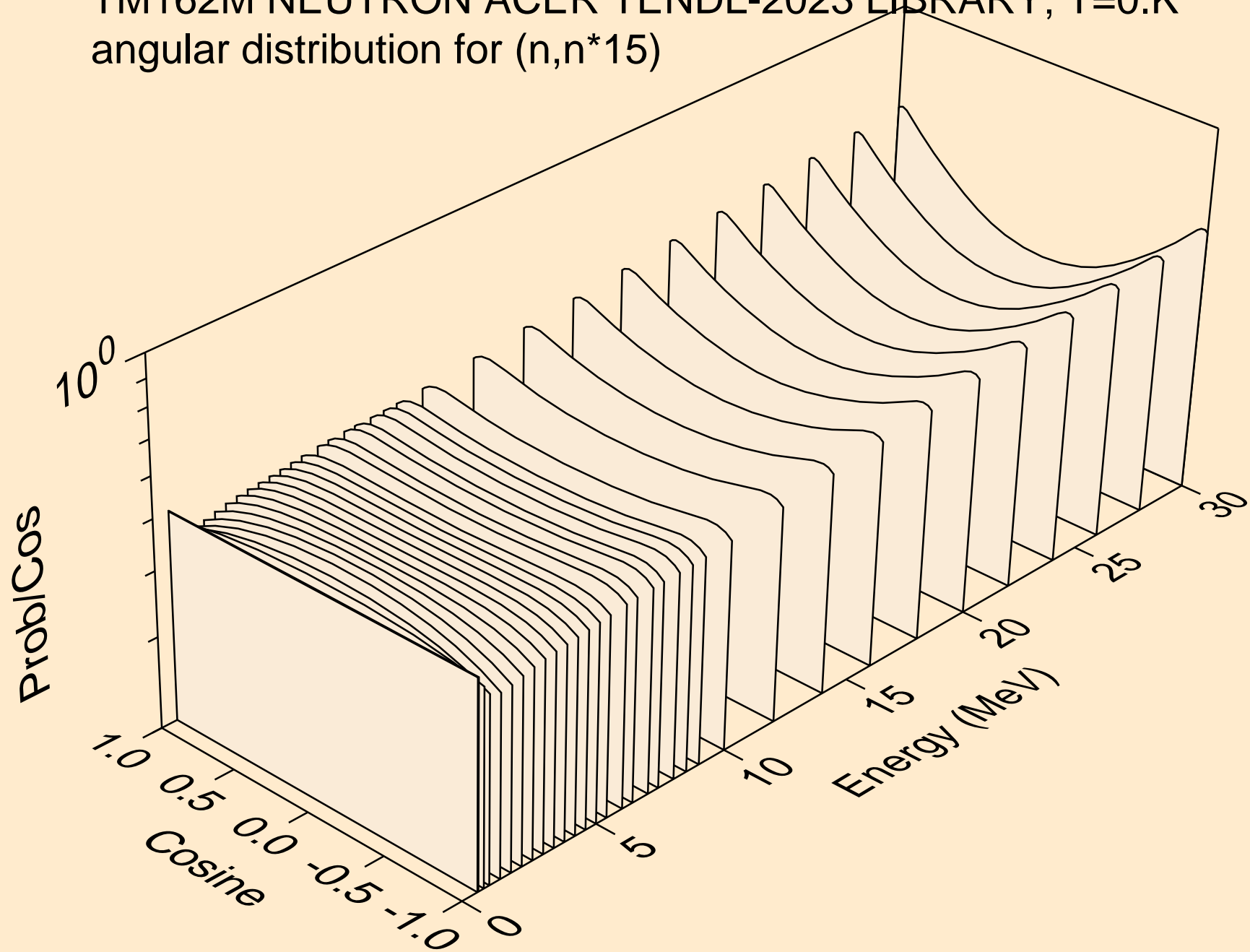
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angular distribution for (n,n\*13)



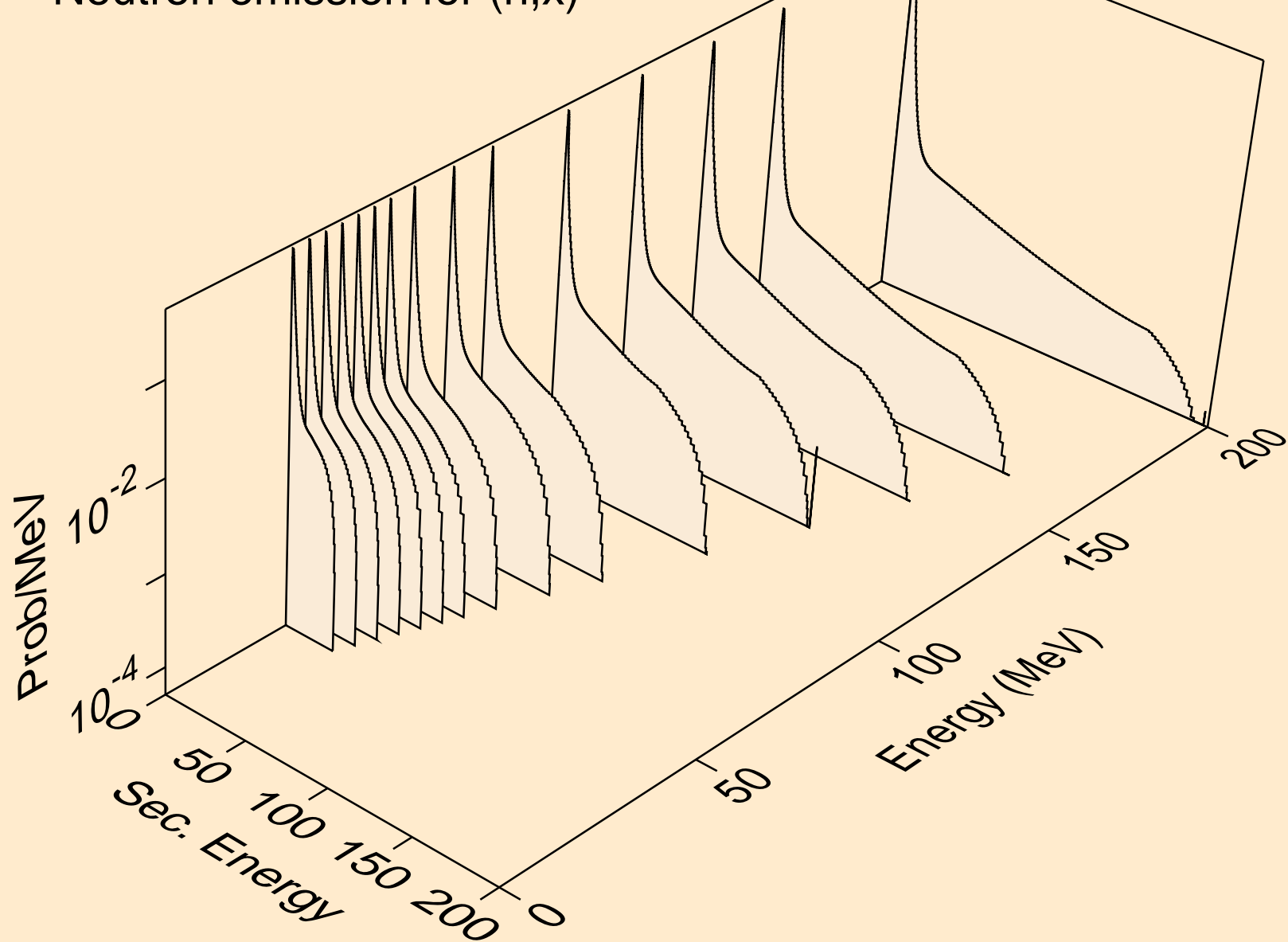
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angular distribution for (n,n\*14)



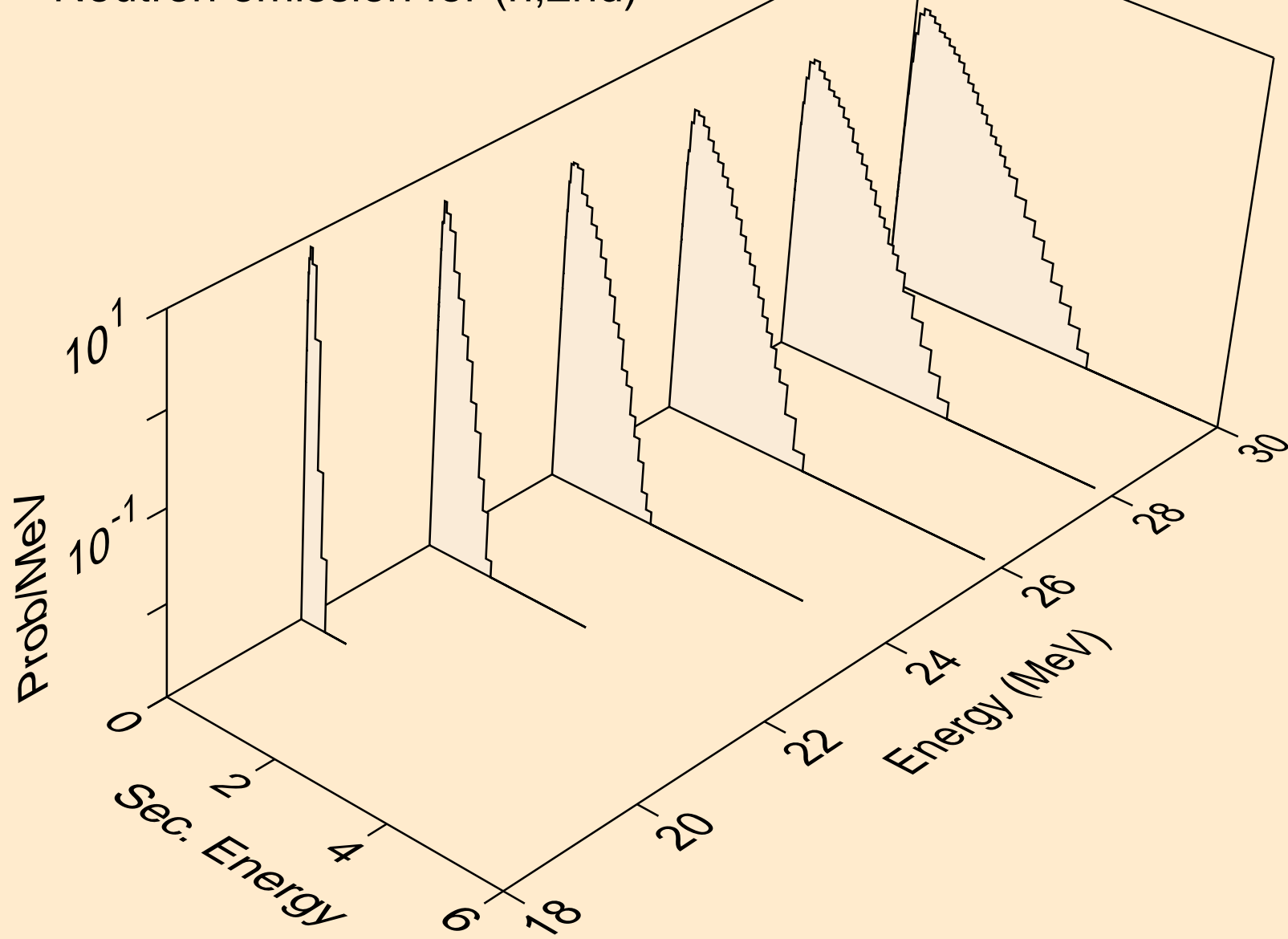
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angular distribution for (n,n\*15)



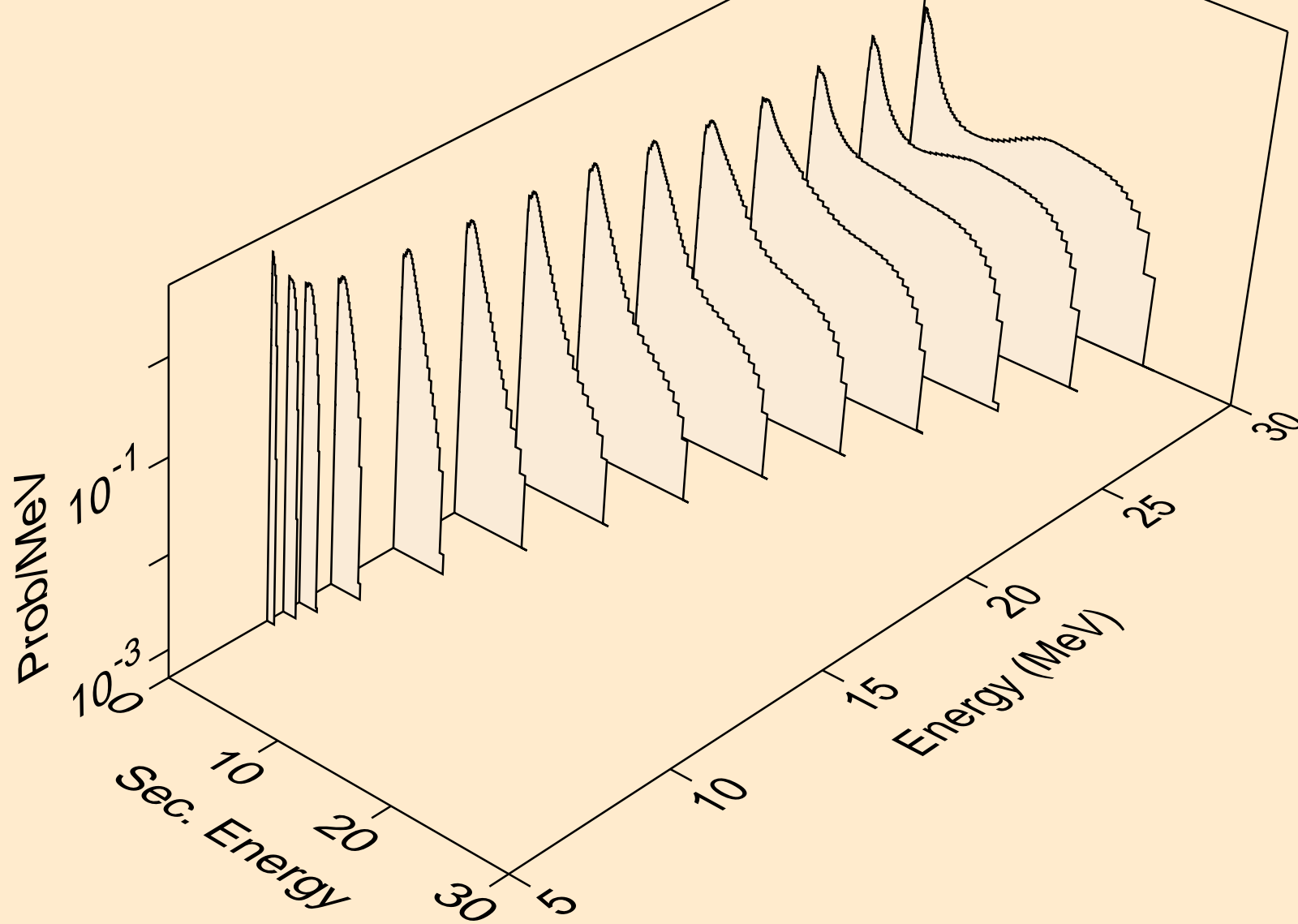
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

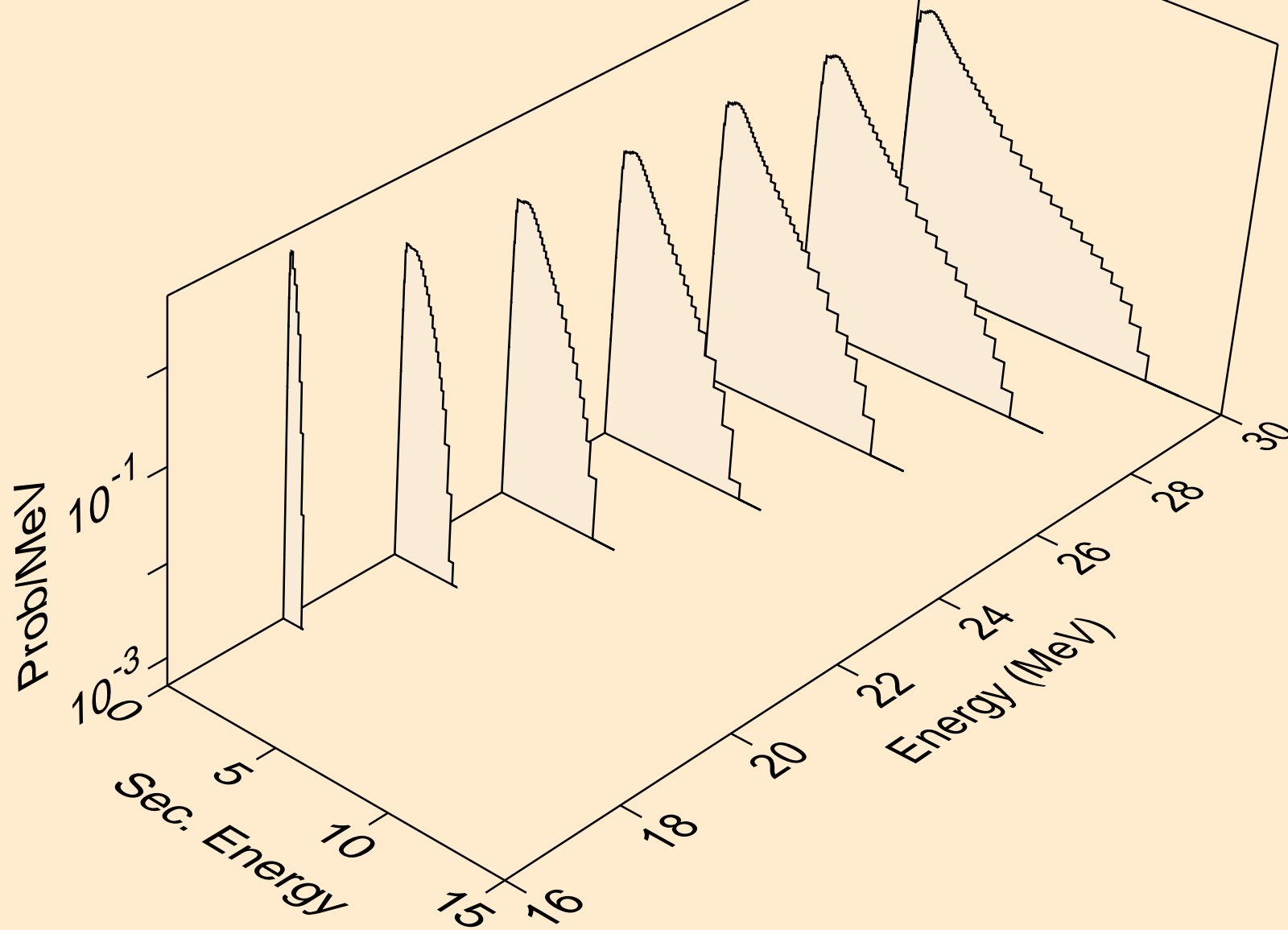


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

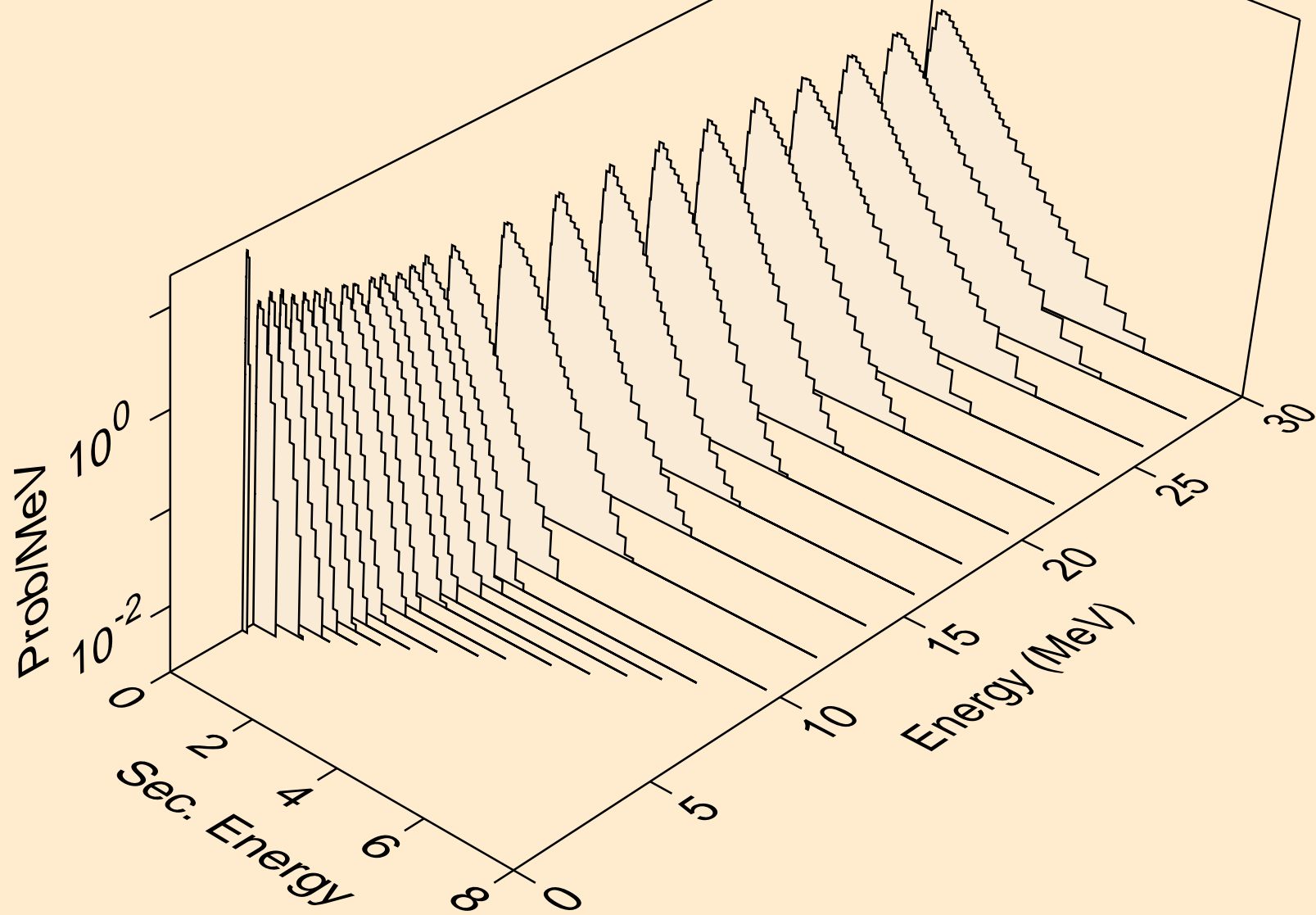




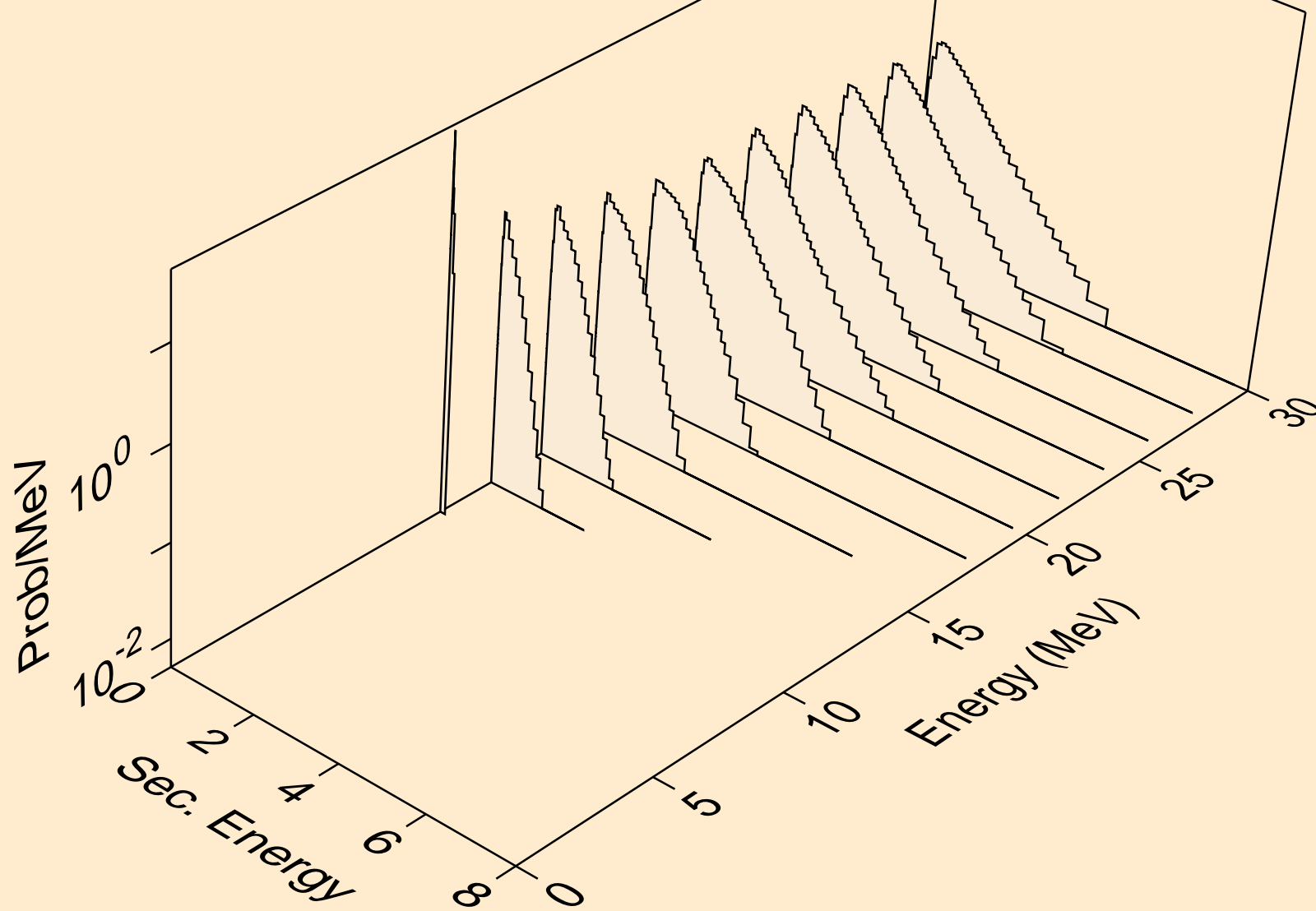
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Neutron emission for (n,3n)



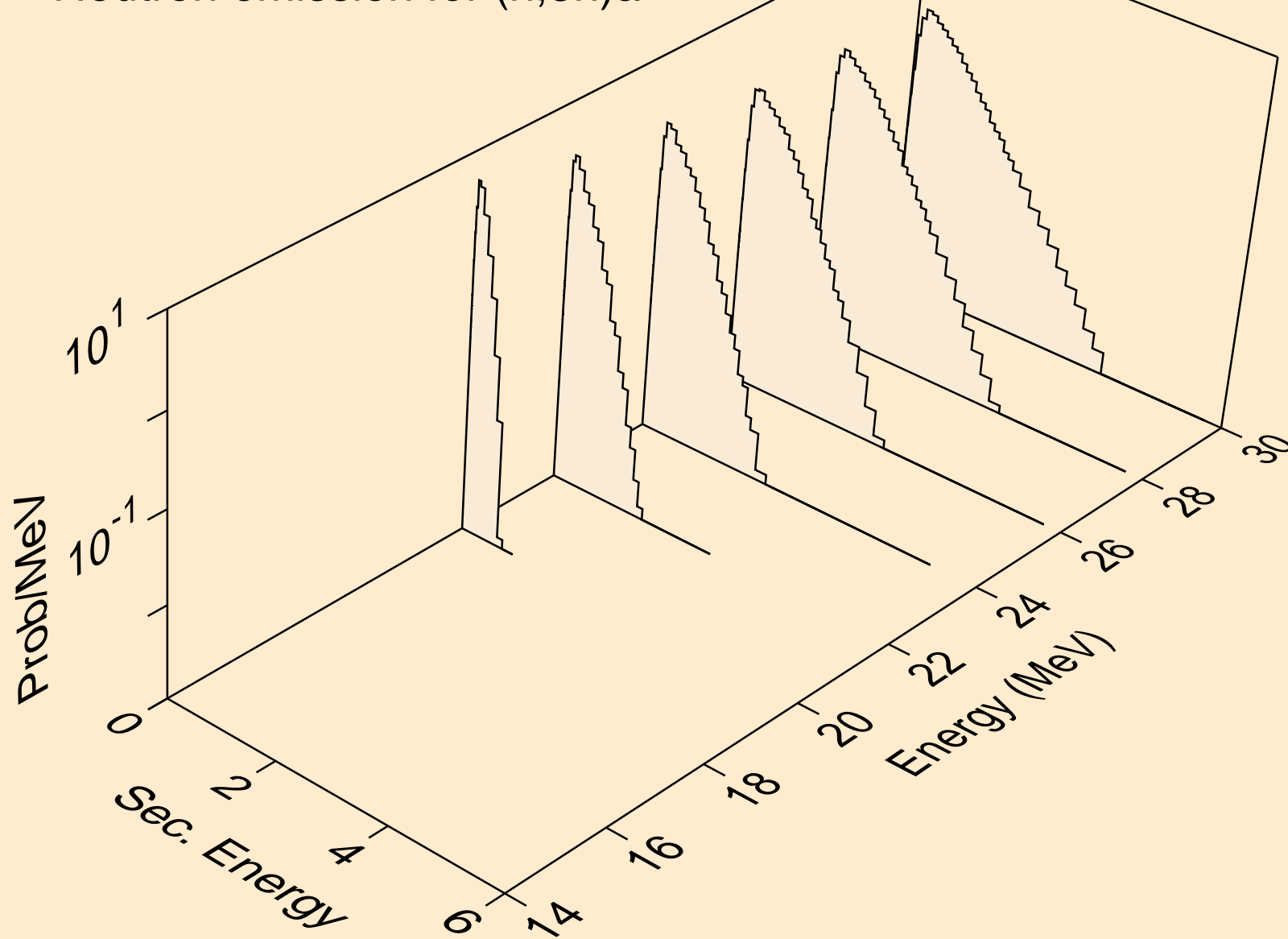
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Neutron emission for (n,n\*)a



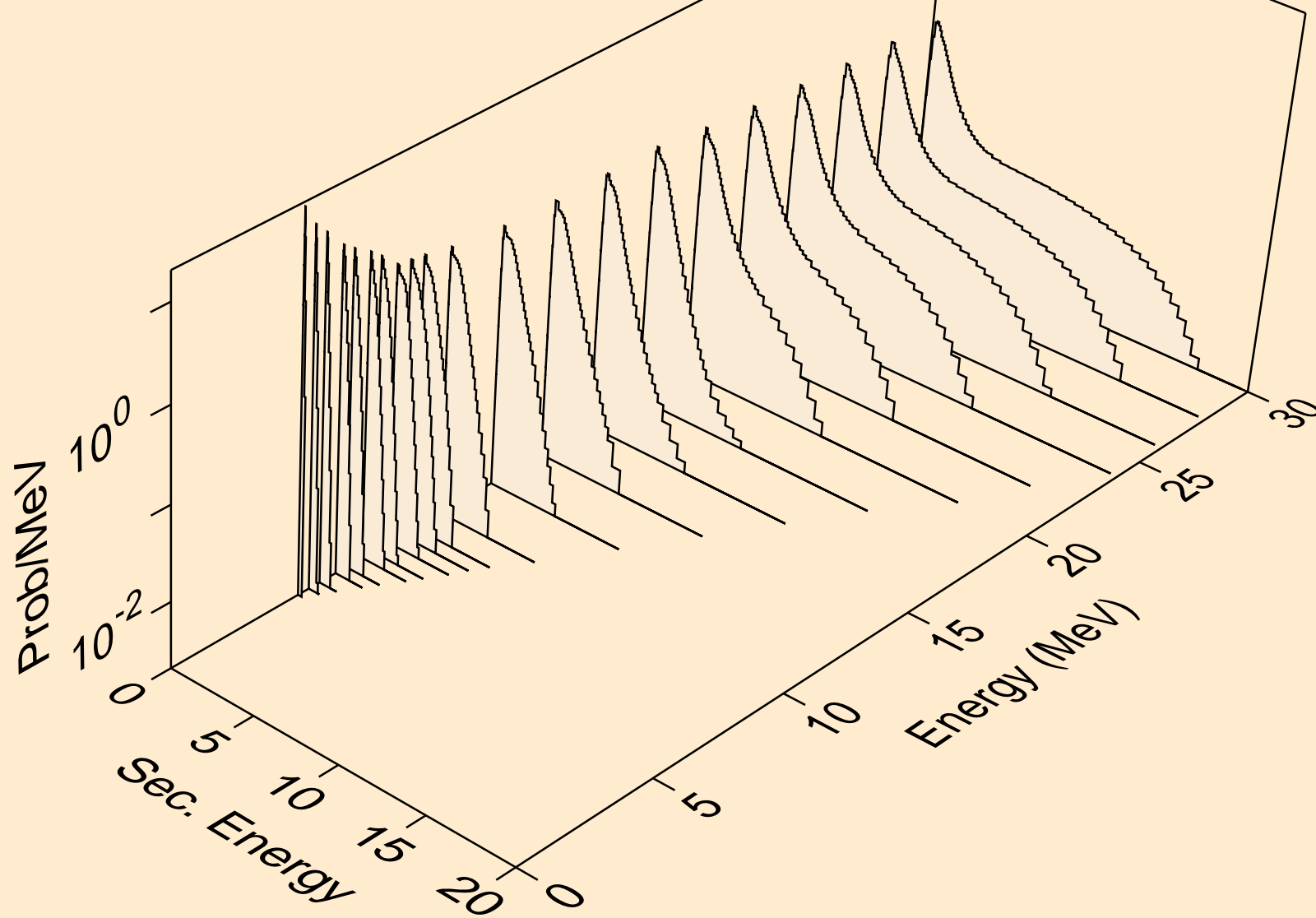
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Neutron emission for (n,2n)a



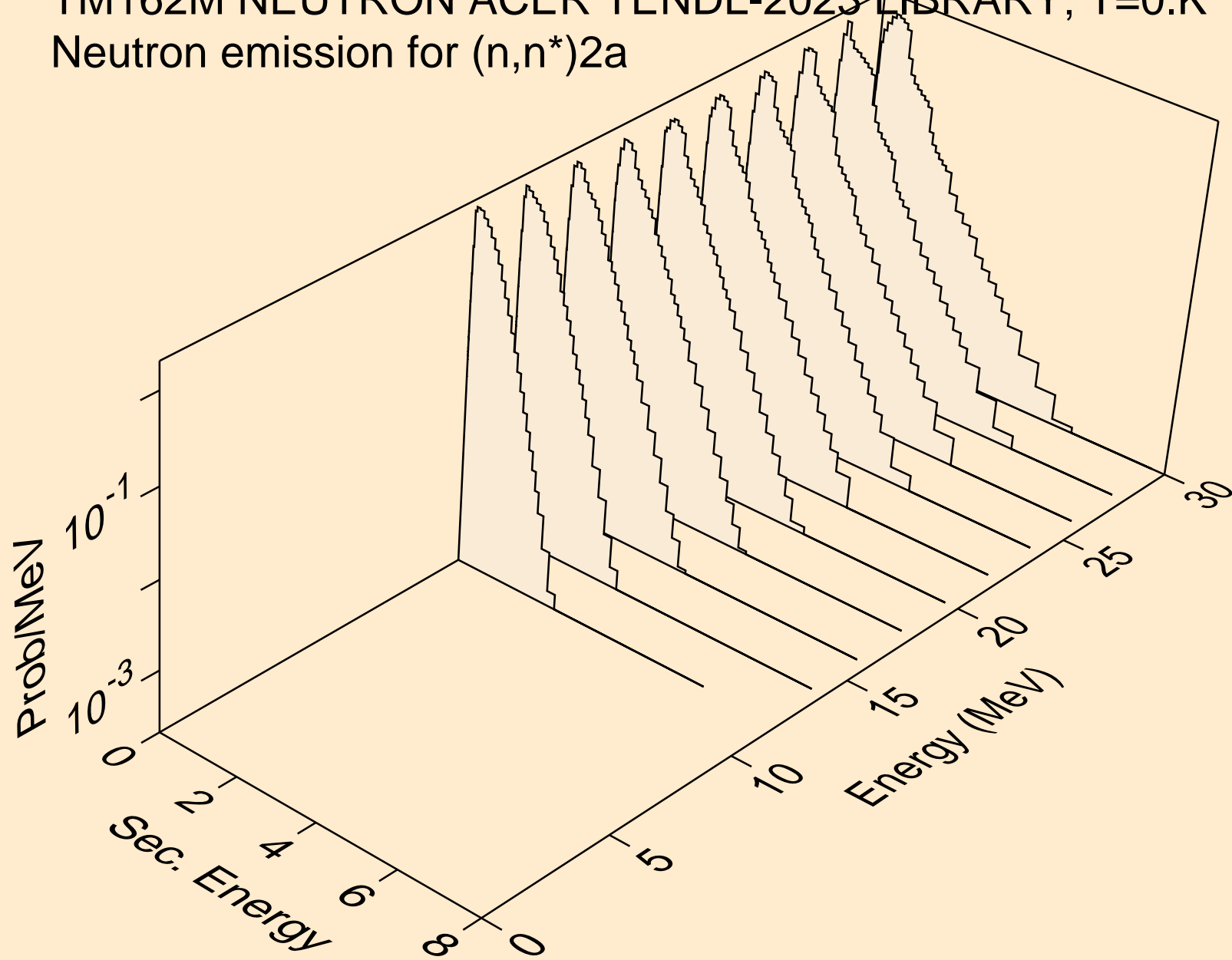
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Neutron emission for (n,3n)a



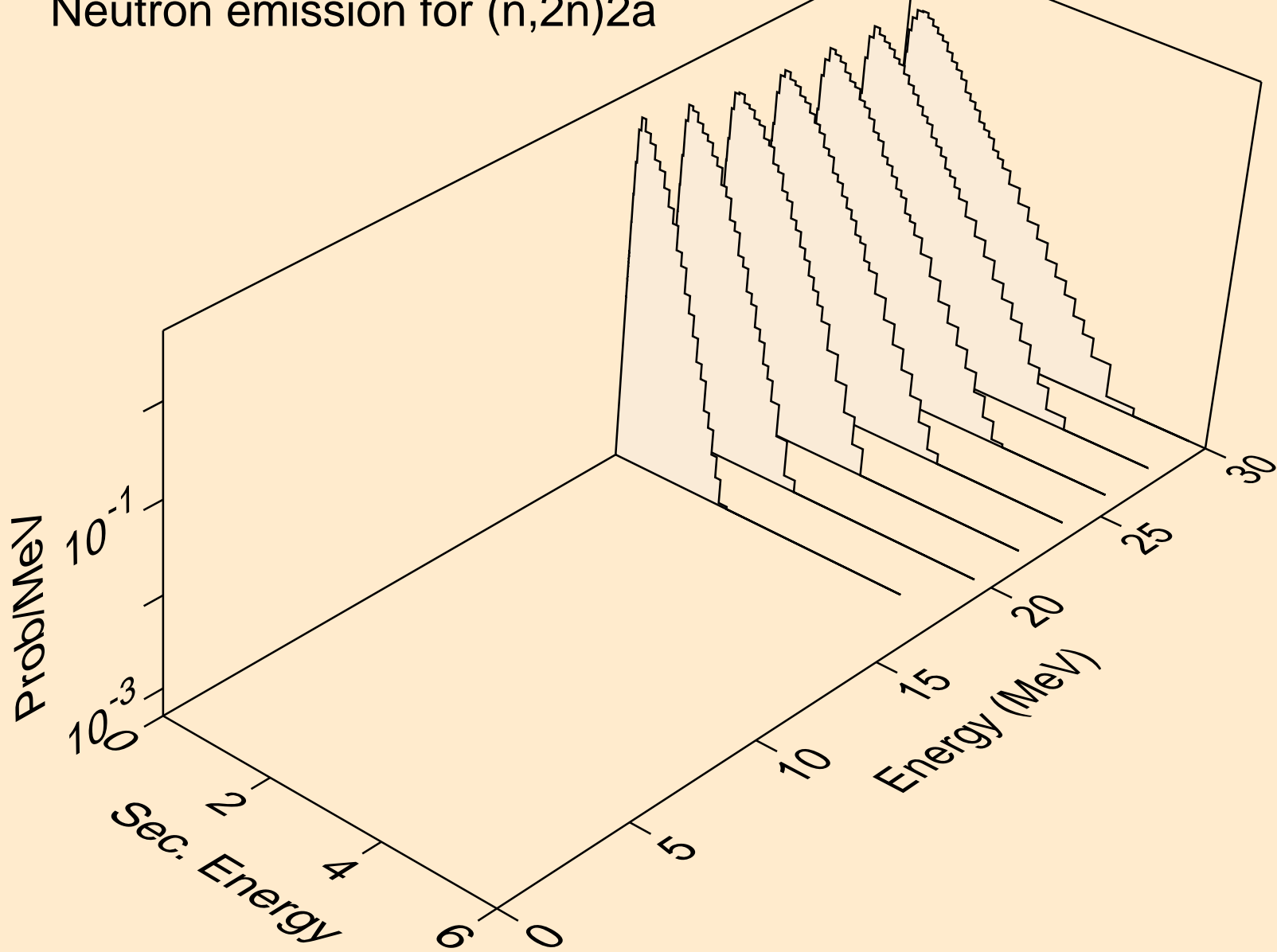
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Neutron emission for (n,n\*)p



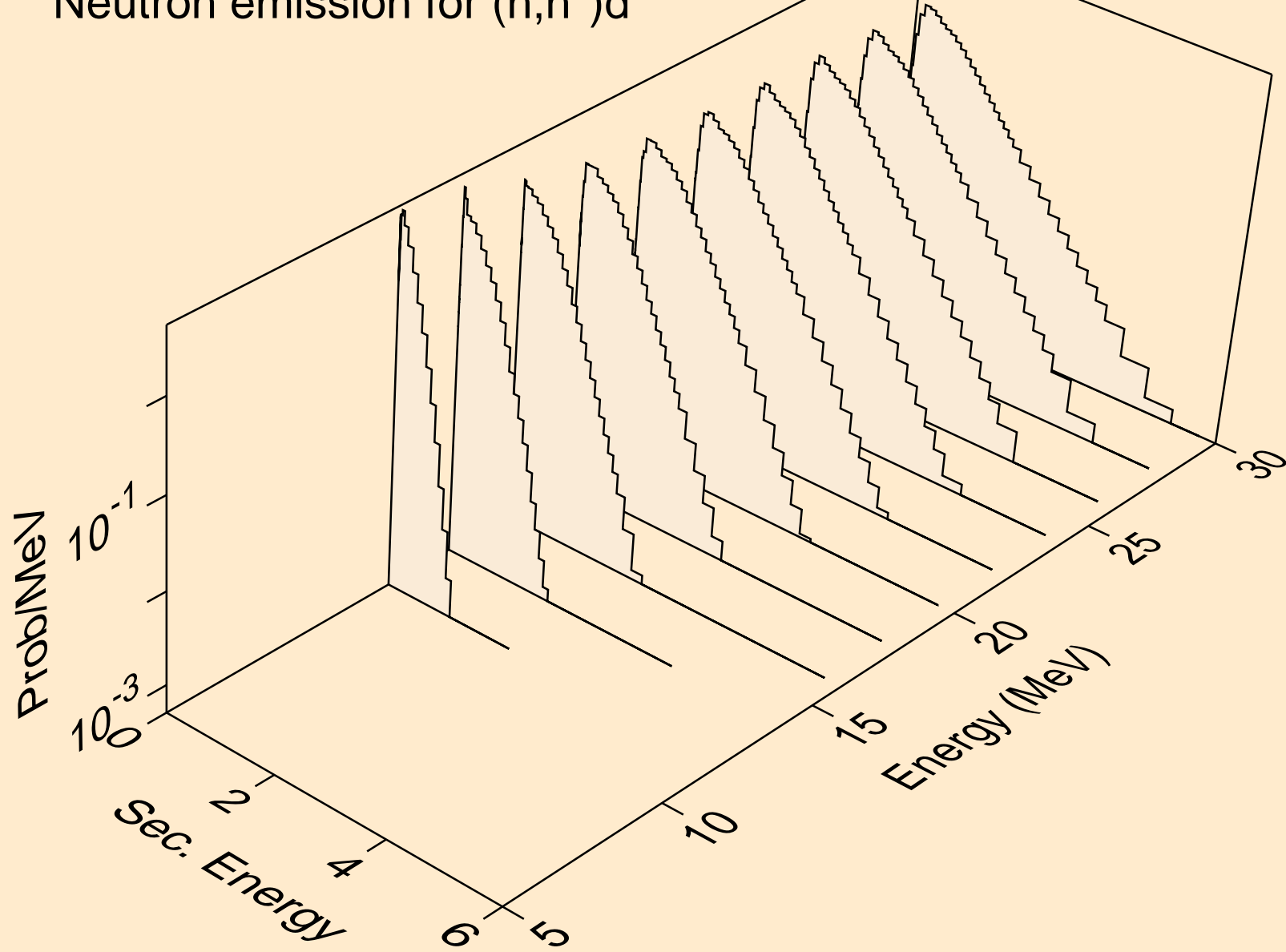
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

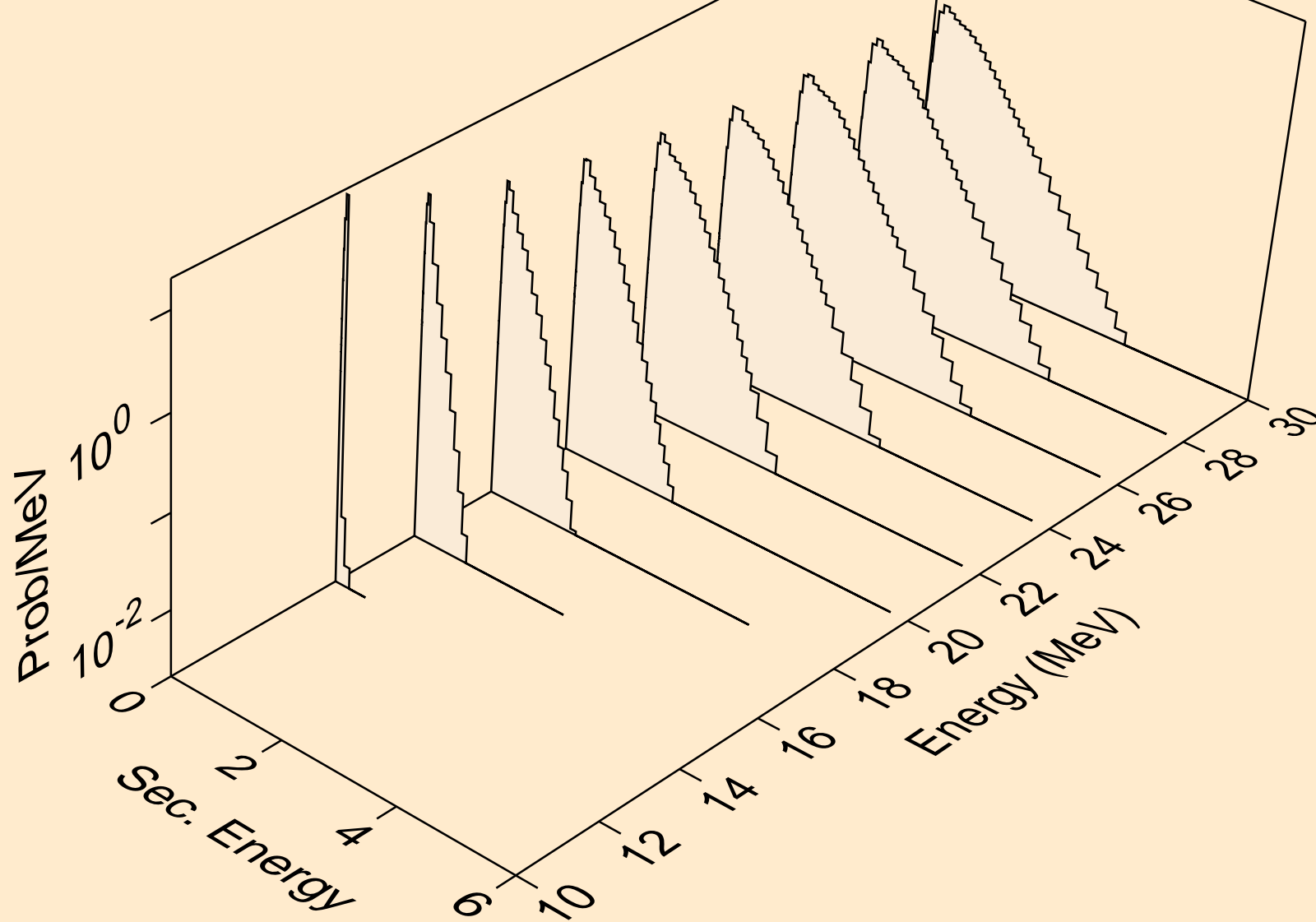


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

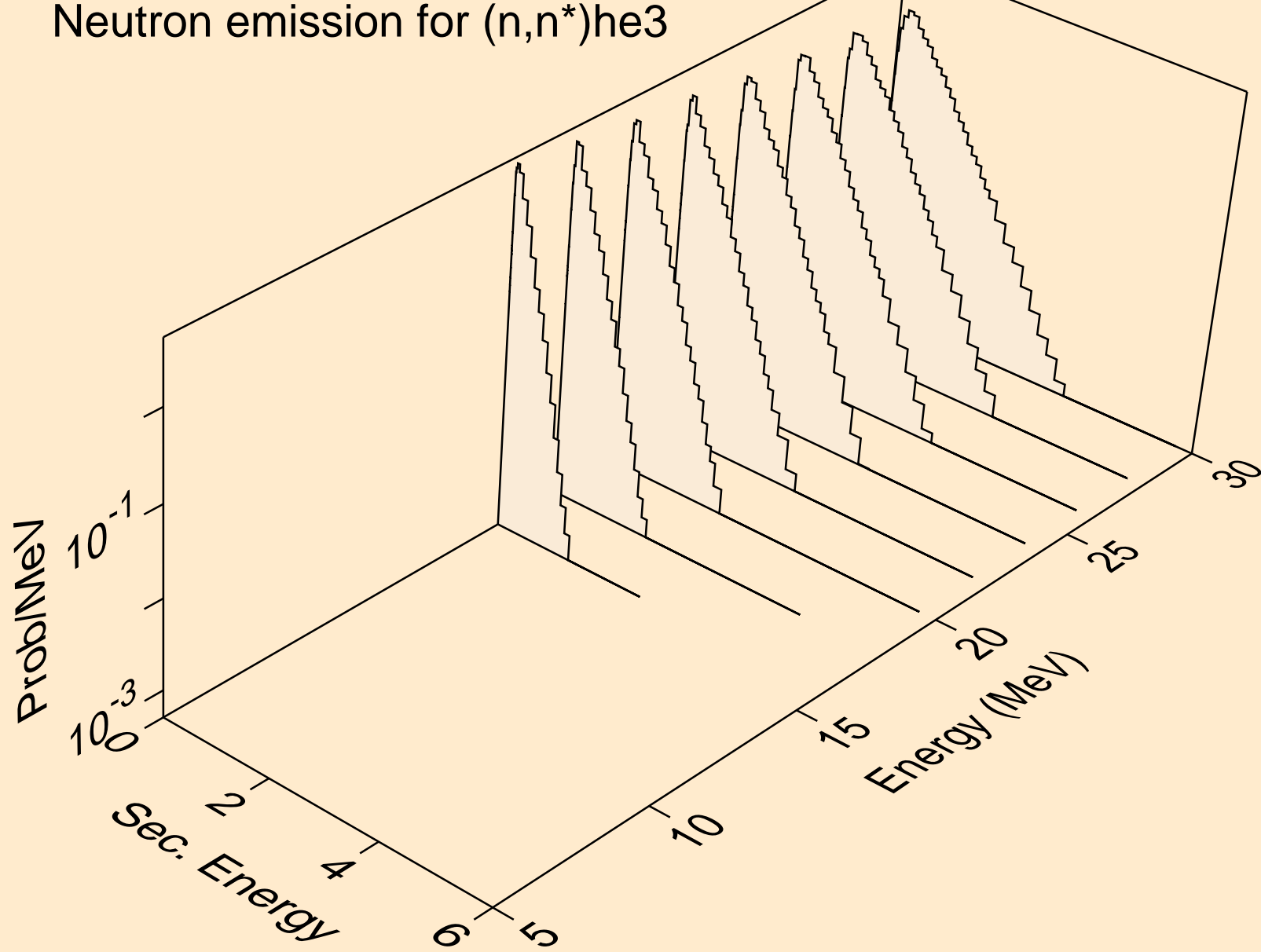




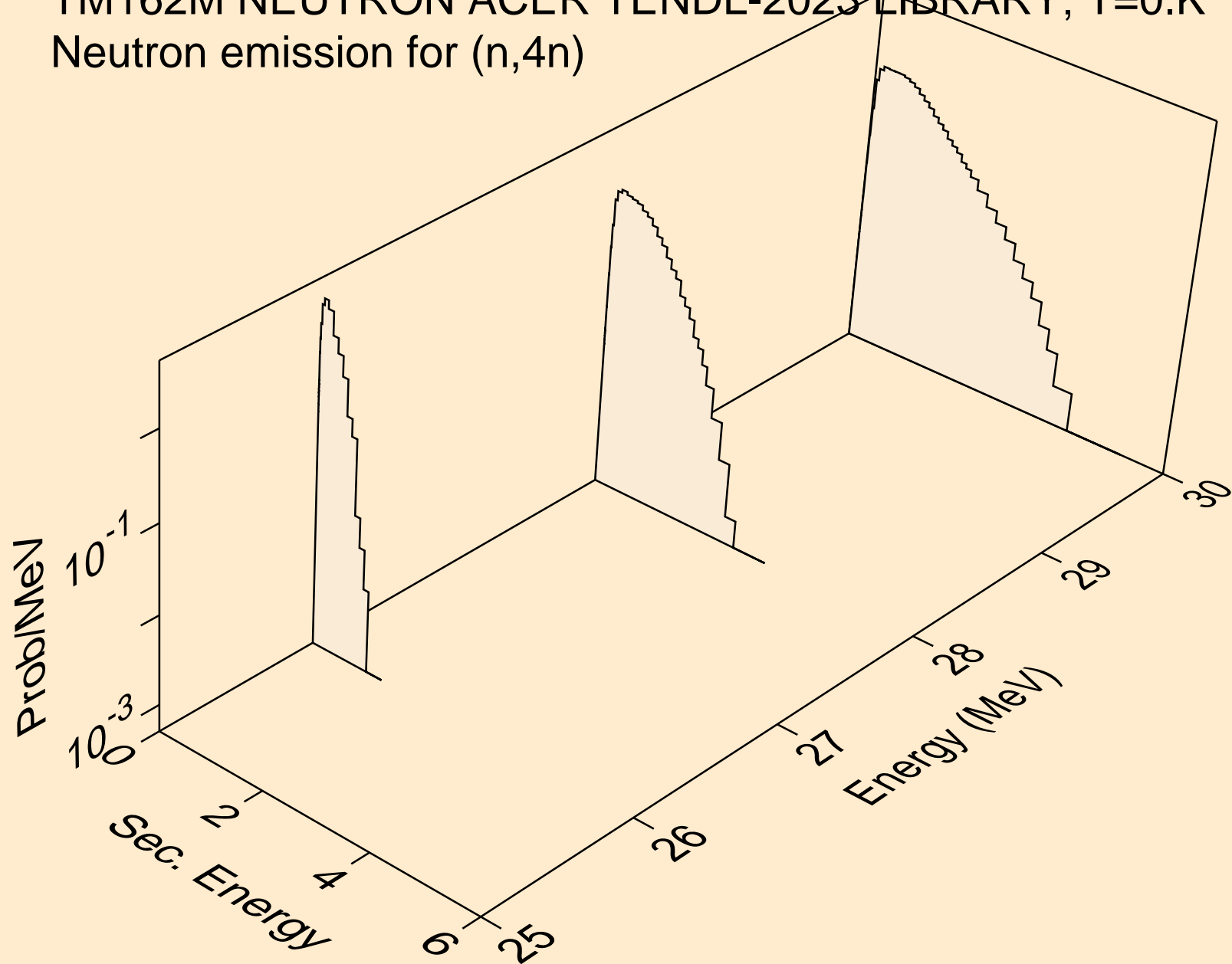
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Neutron emission for (n,n\*)t



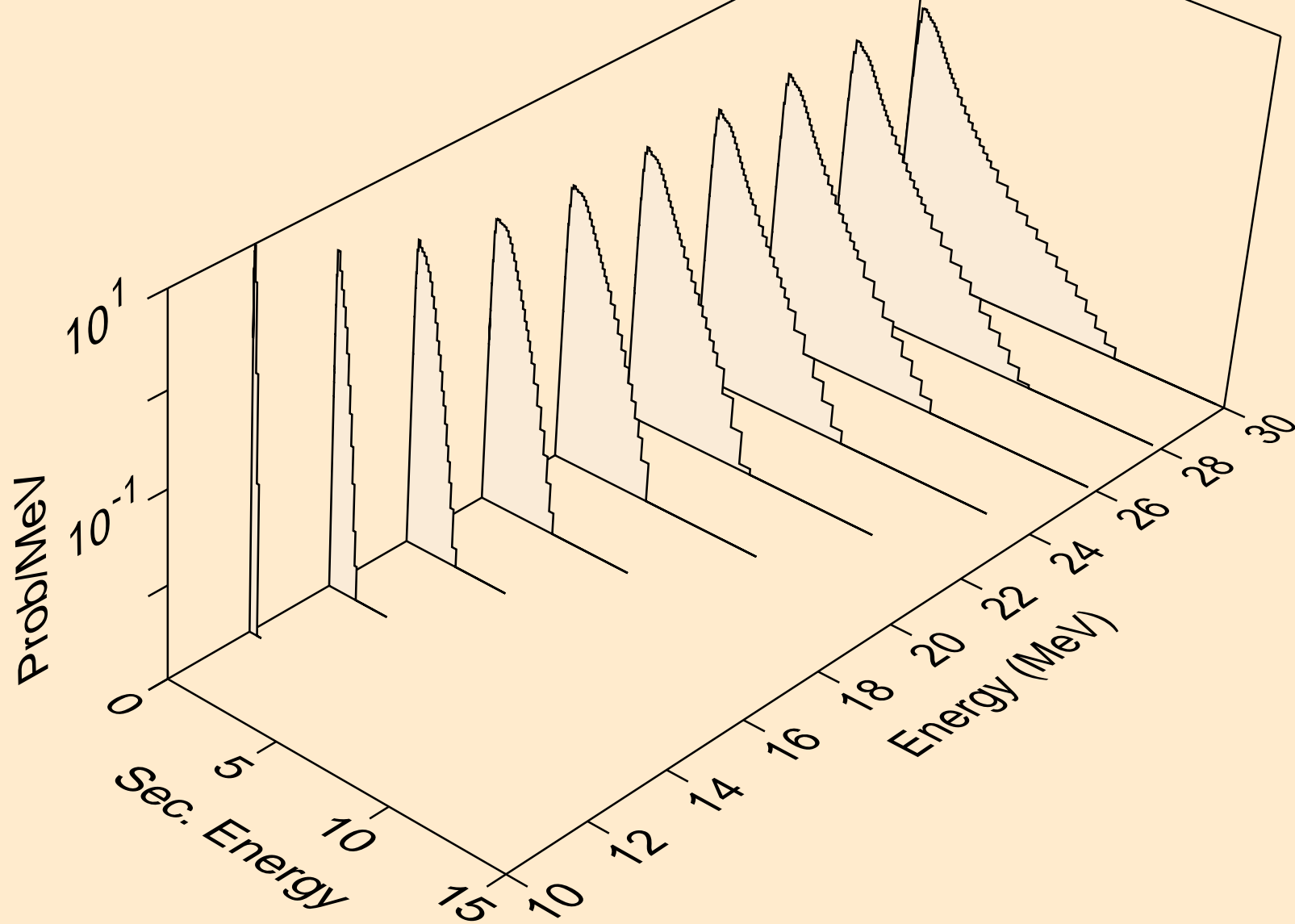
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Neutron emission for (n,n\*)he3



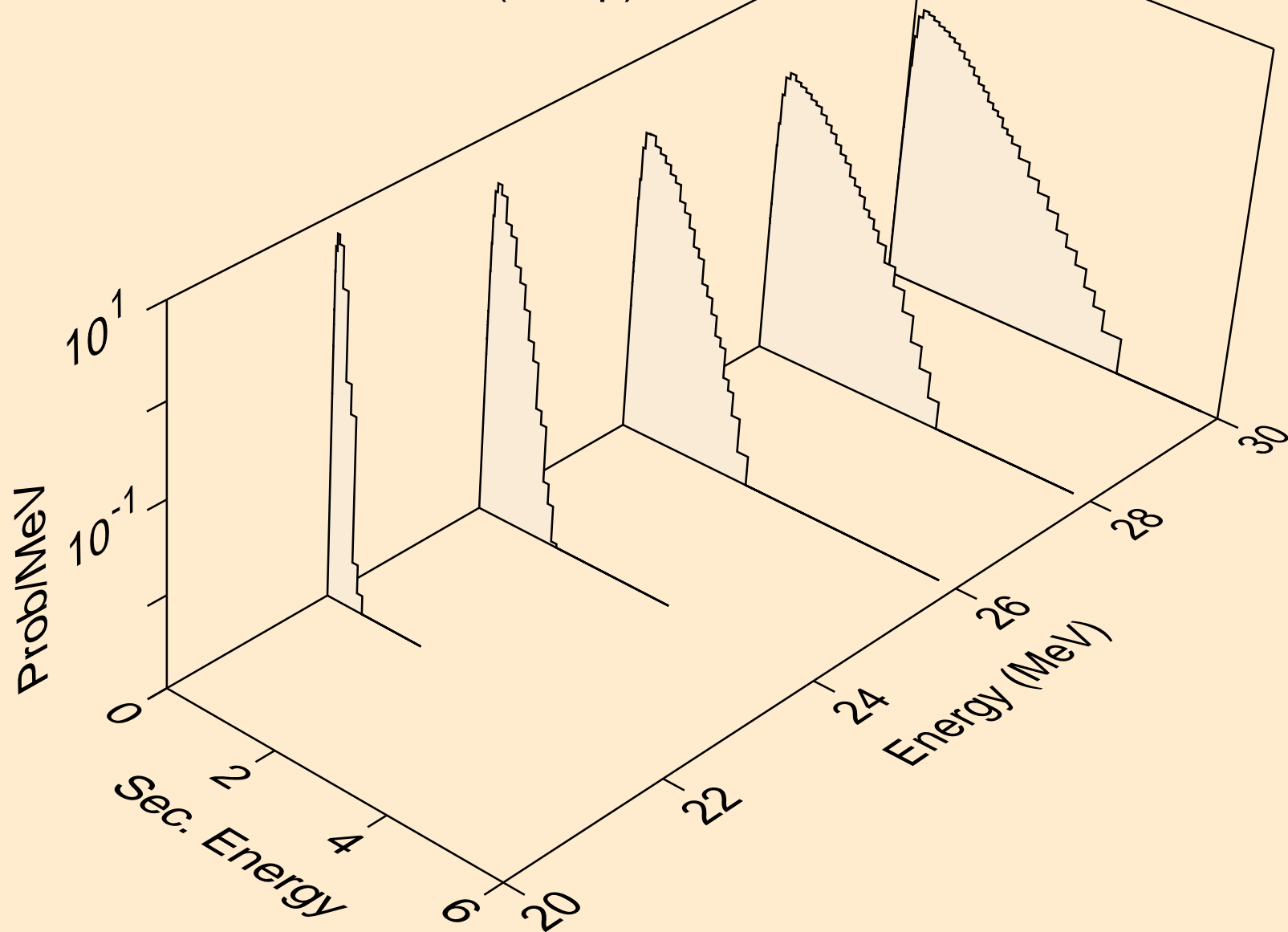
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Neutron emission for (n,4n)



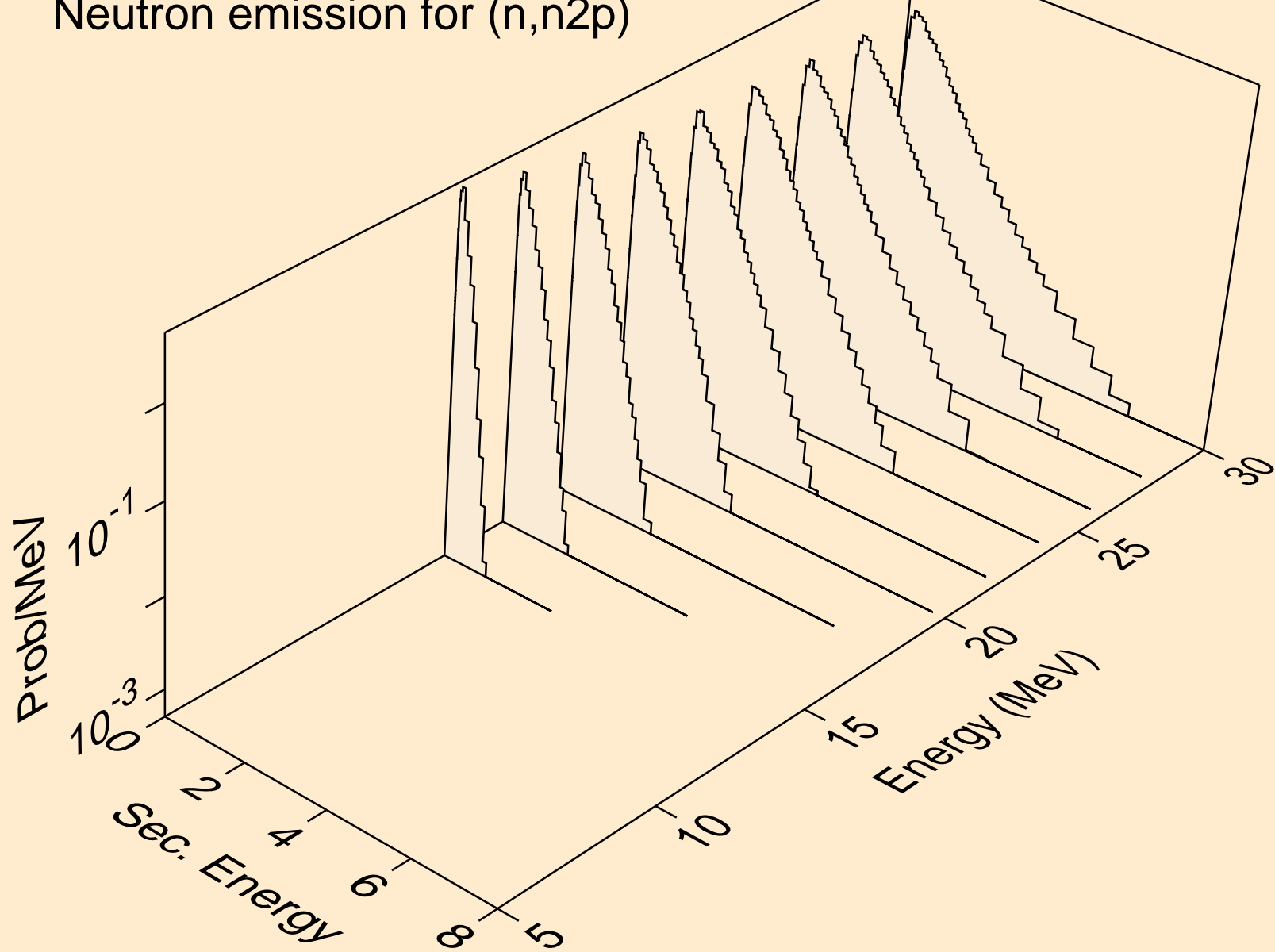
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



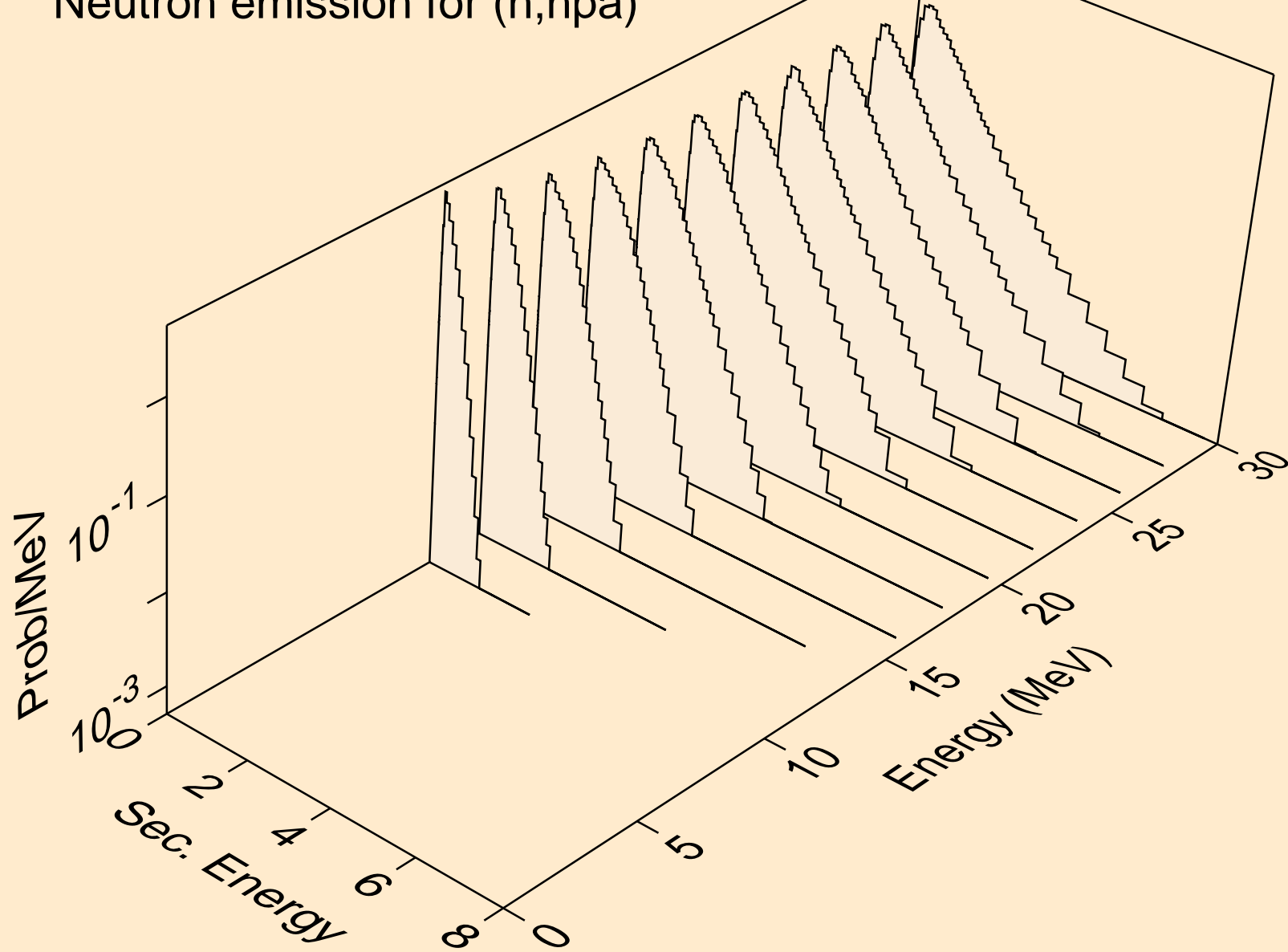
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Neutron emission for (n,3np)



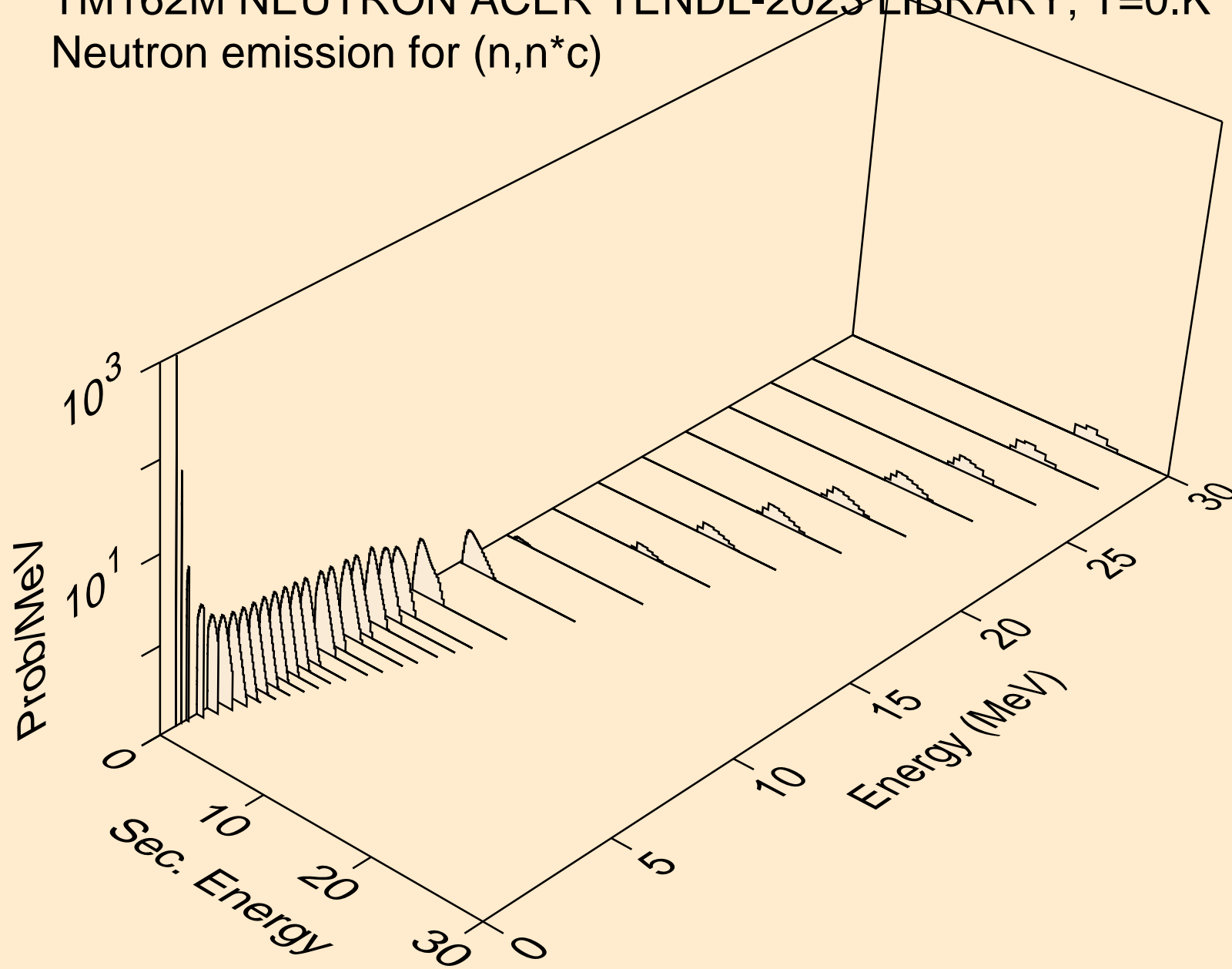
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

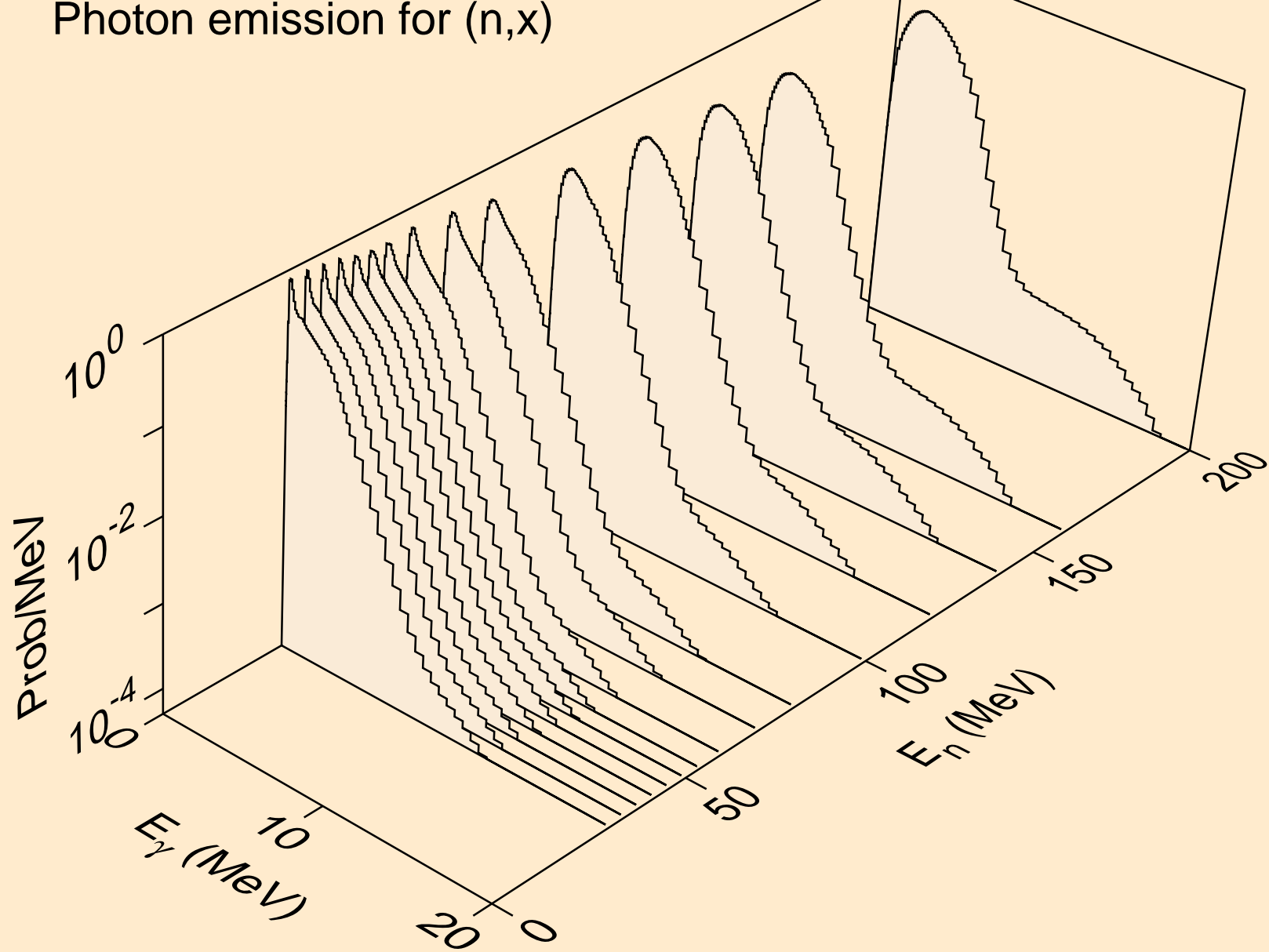


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

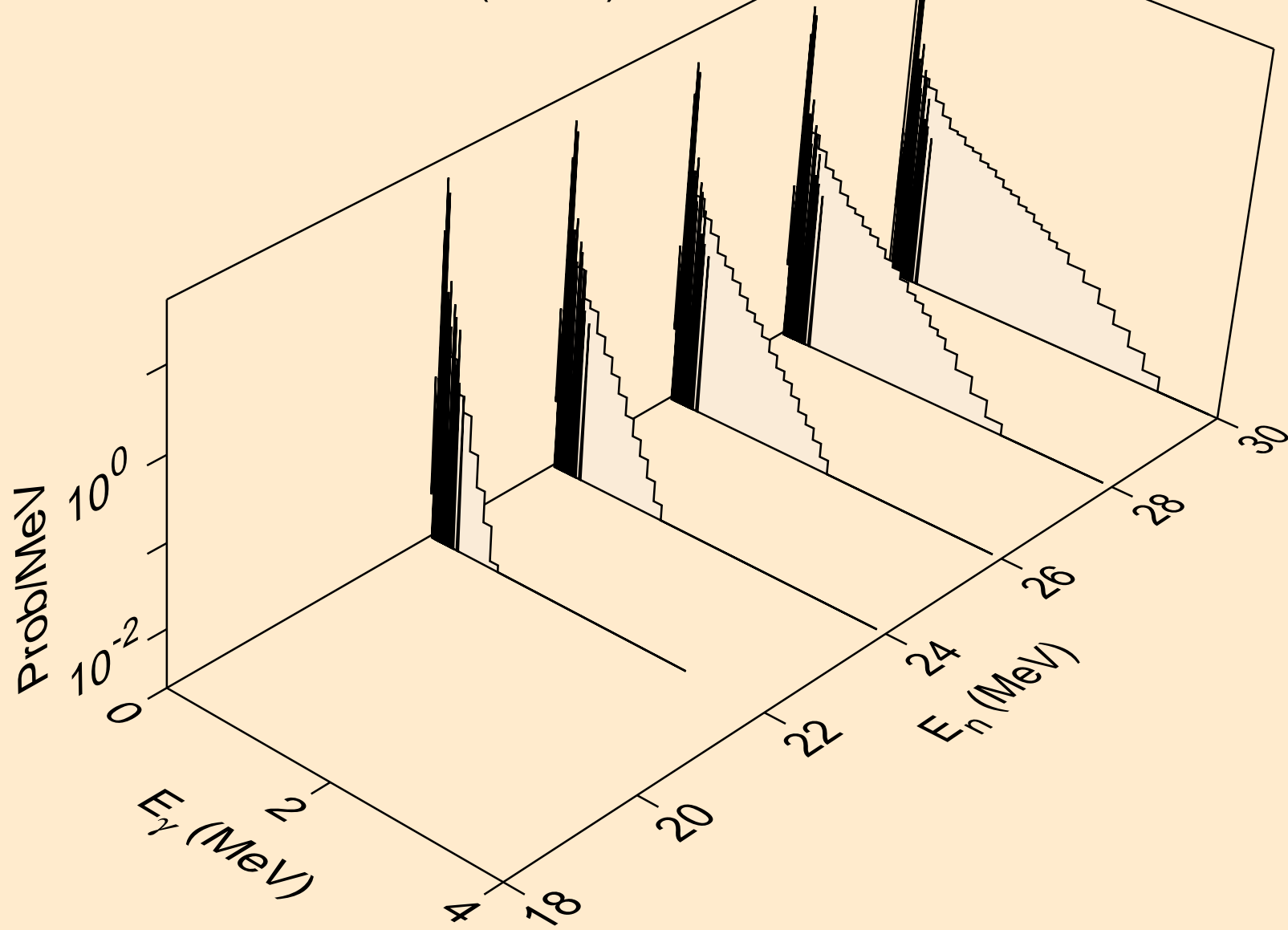




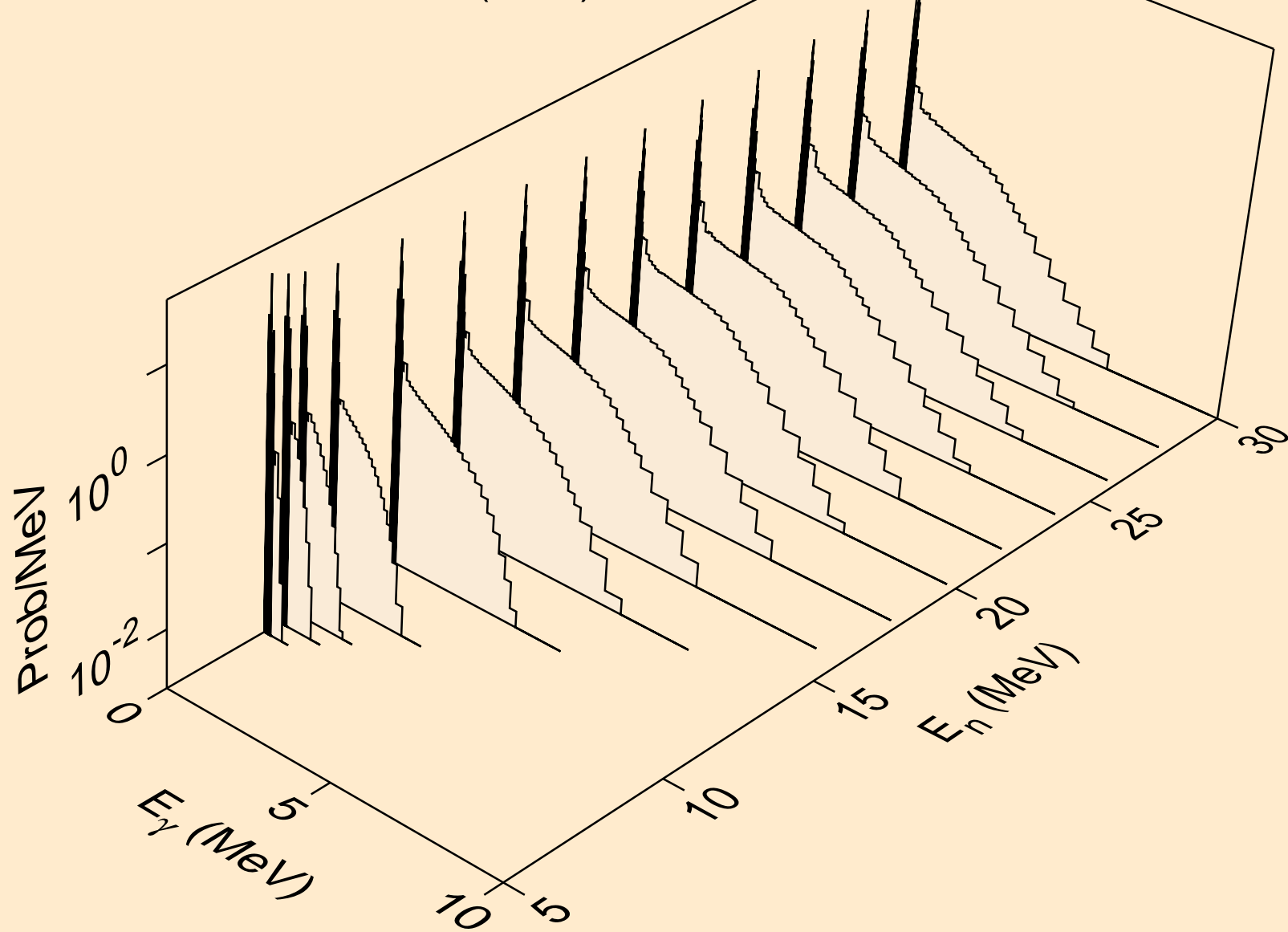
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



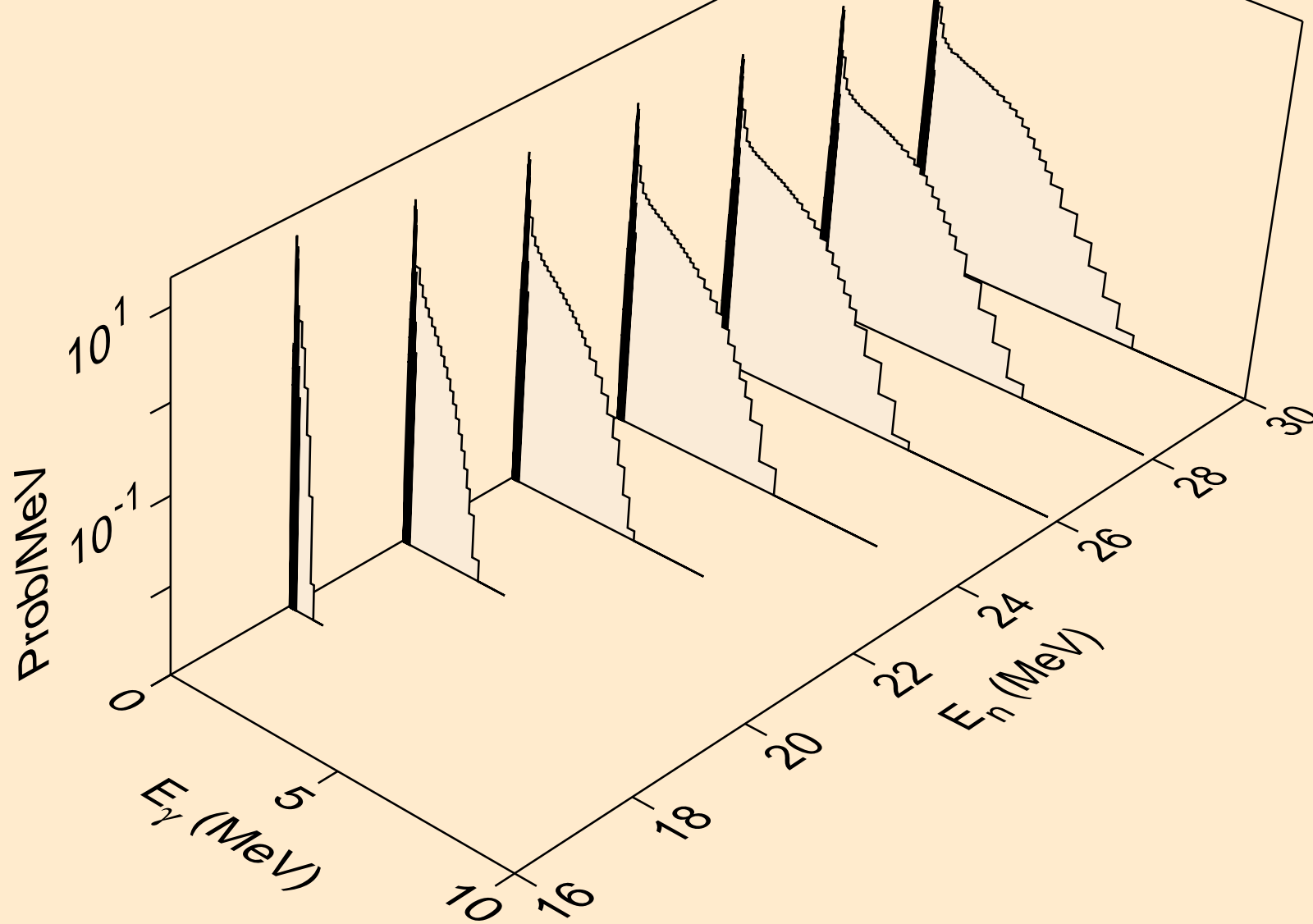
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



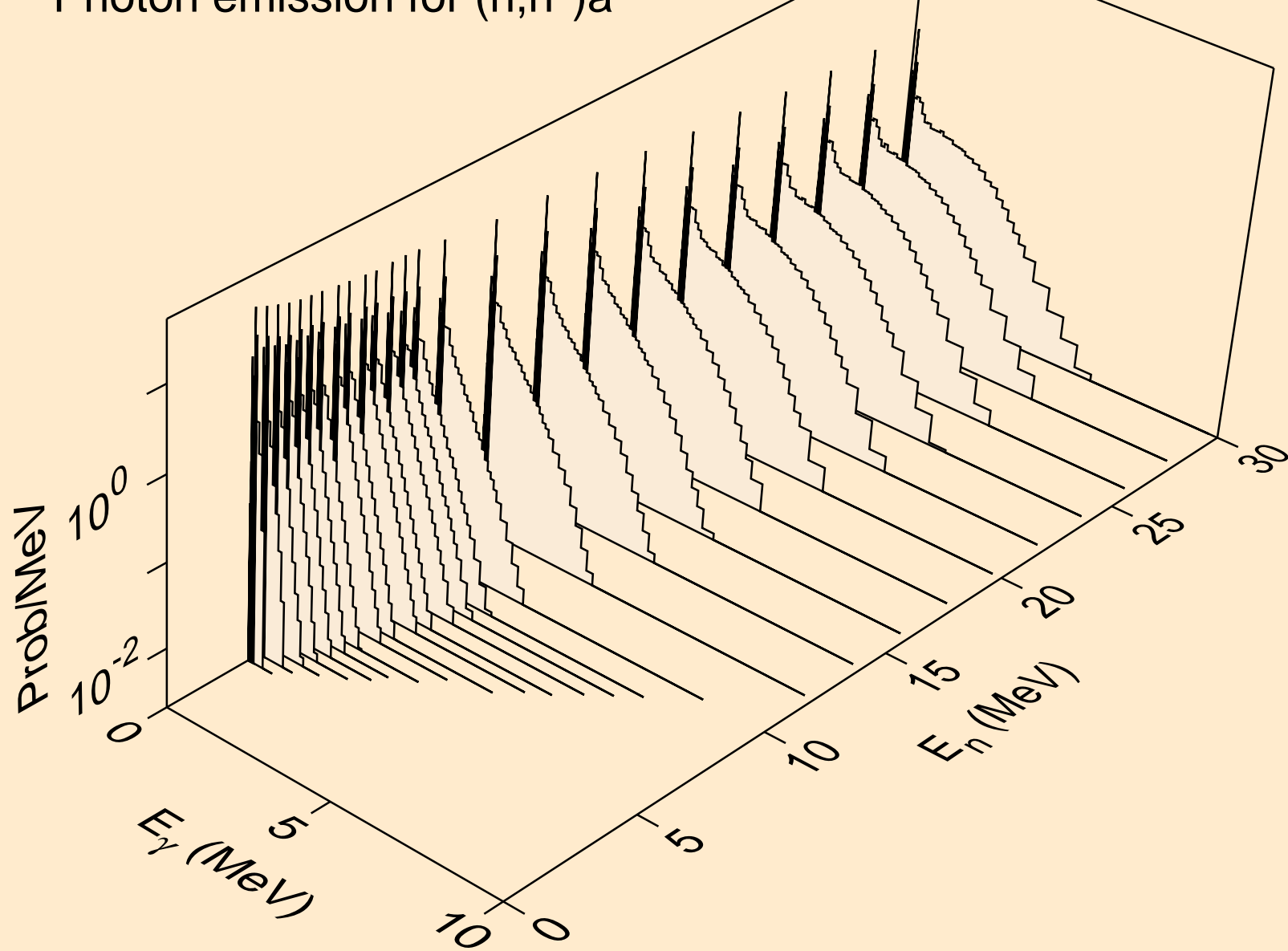
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



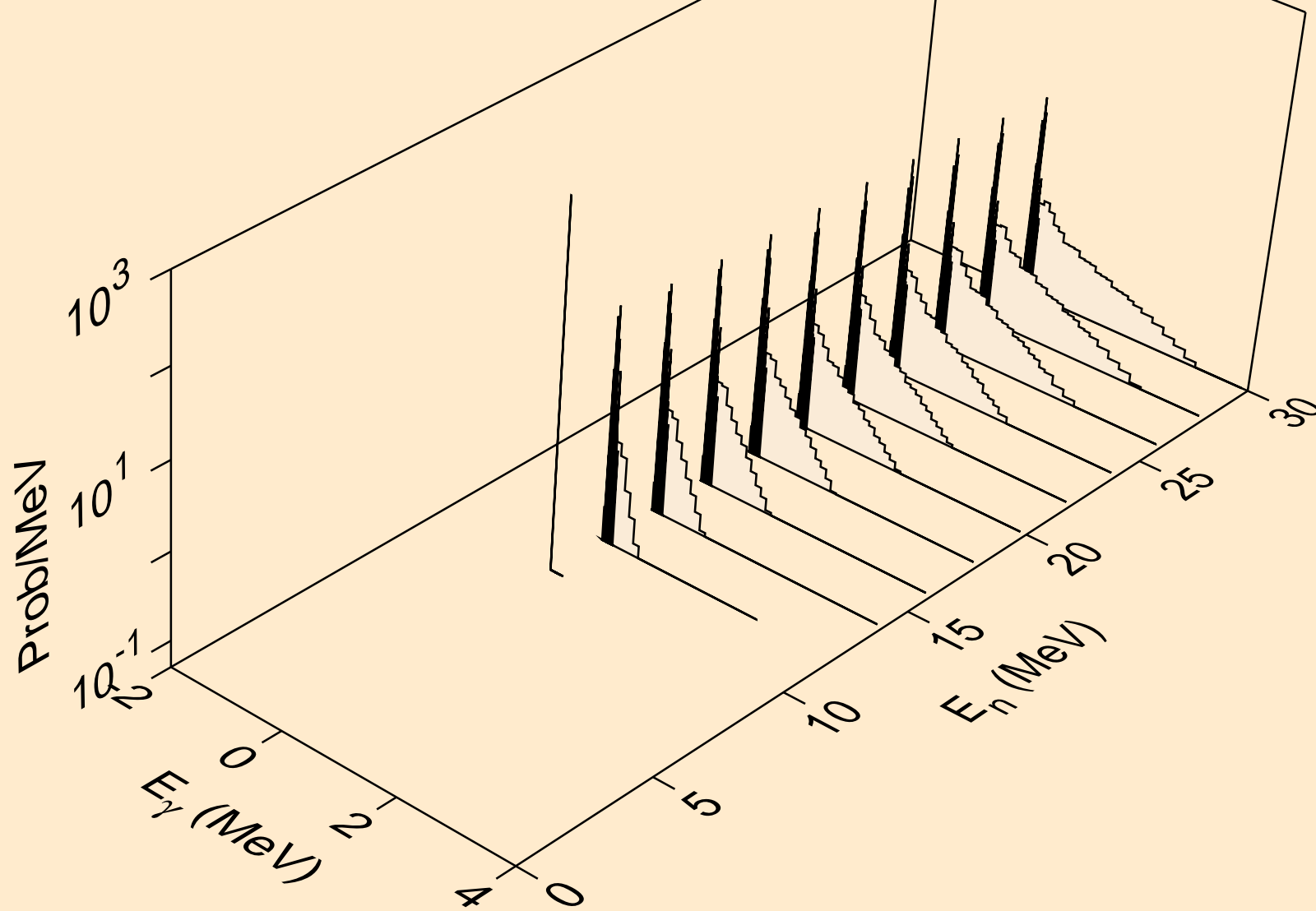
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



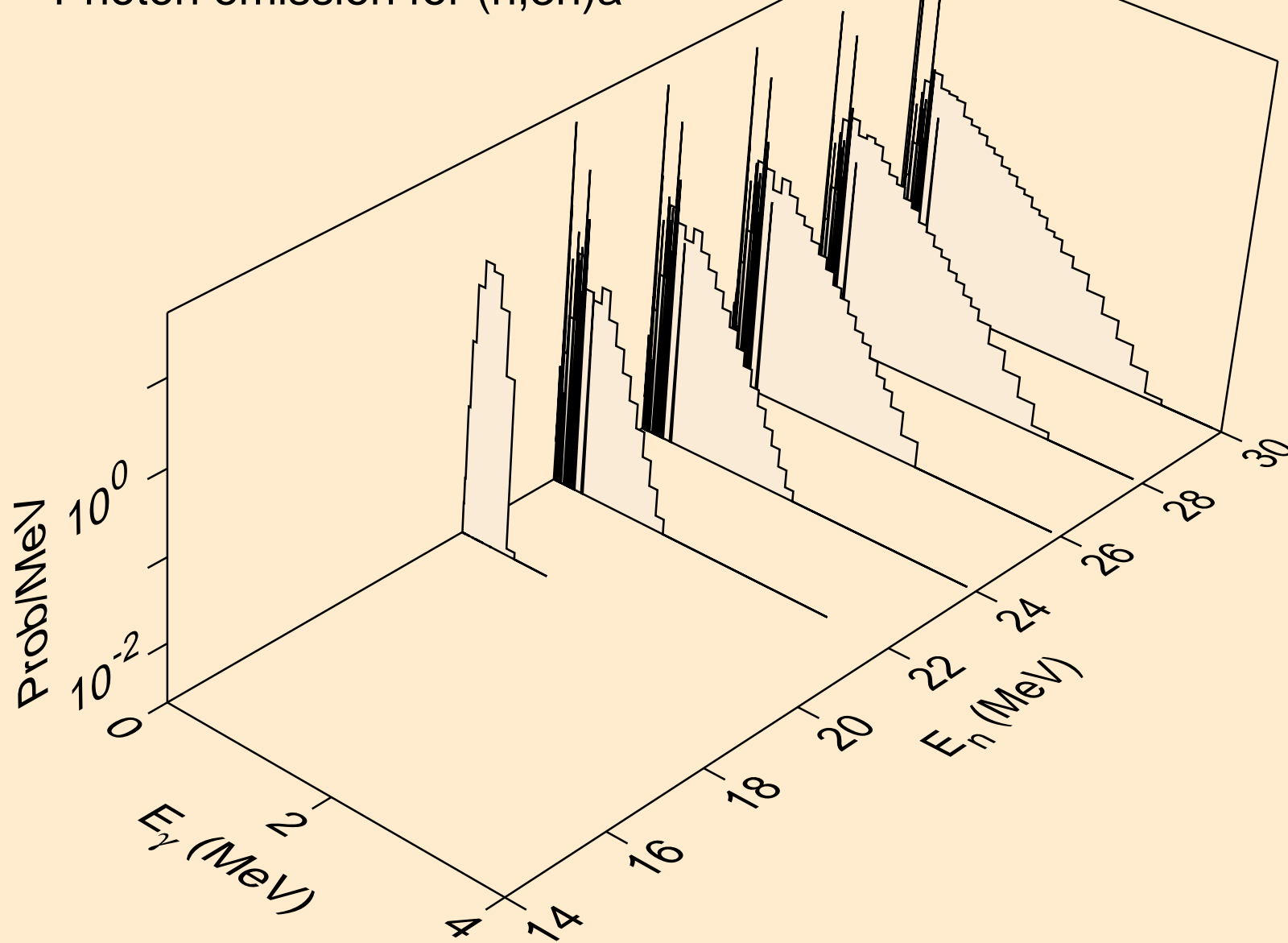
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



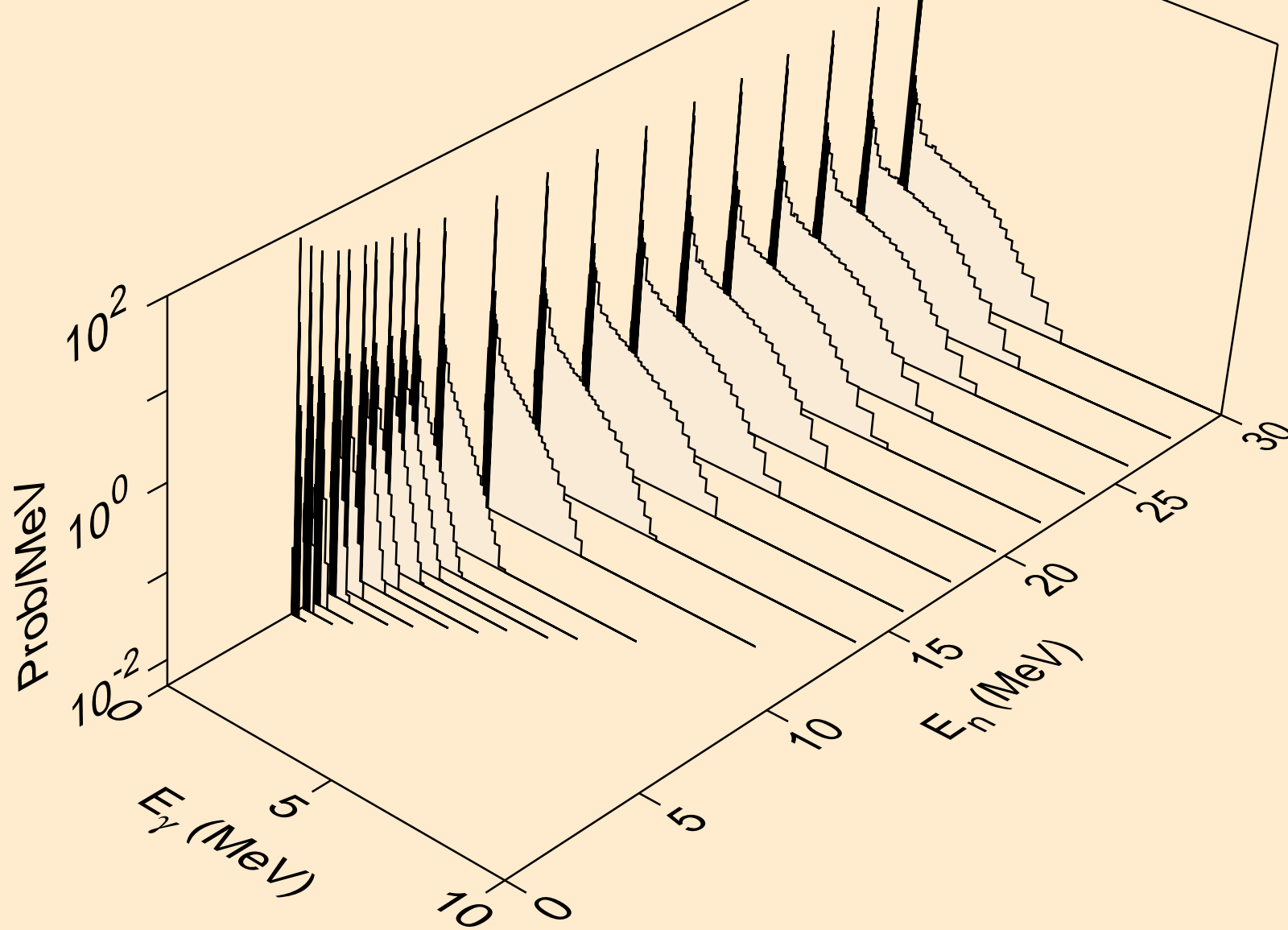
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

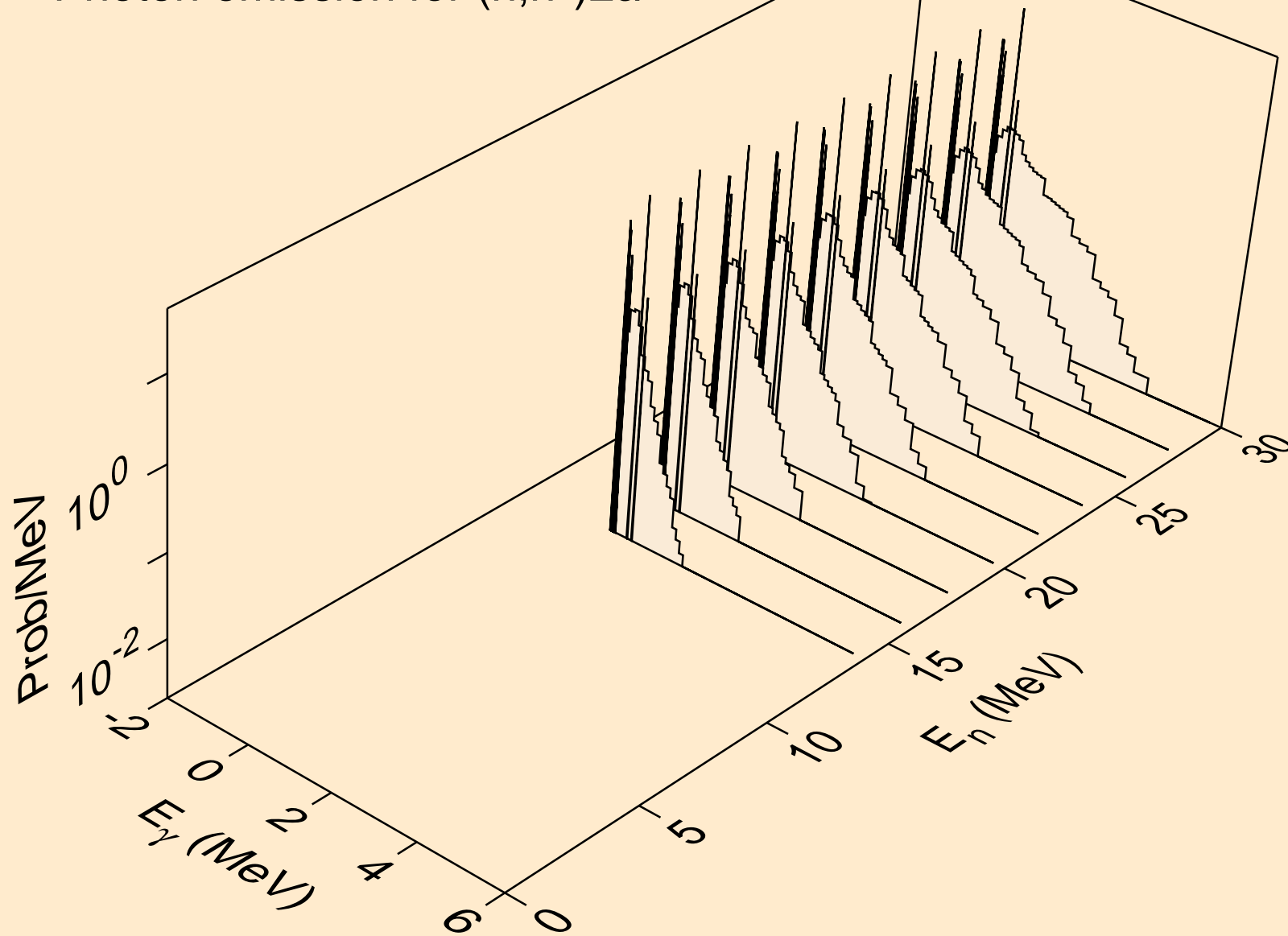


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

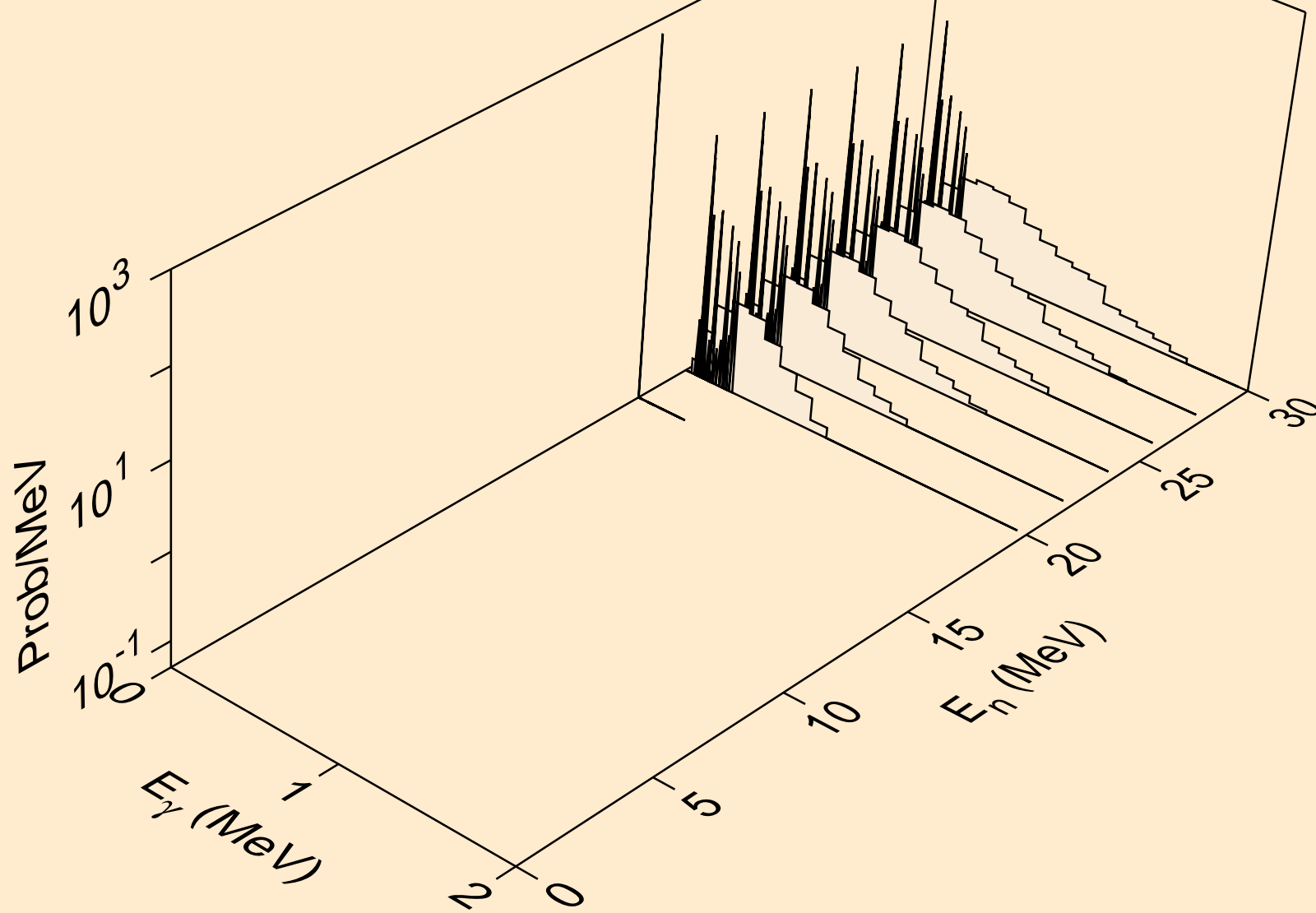




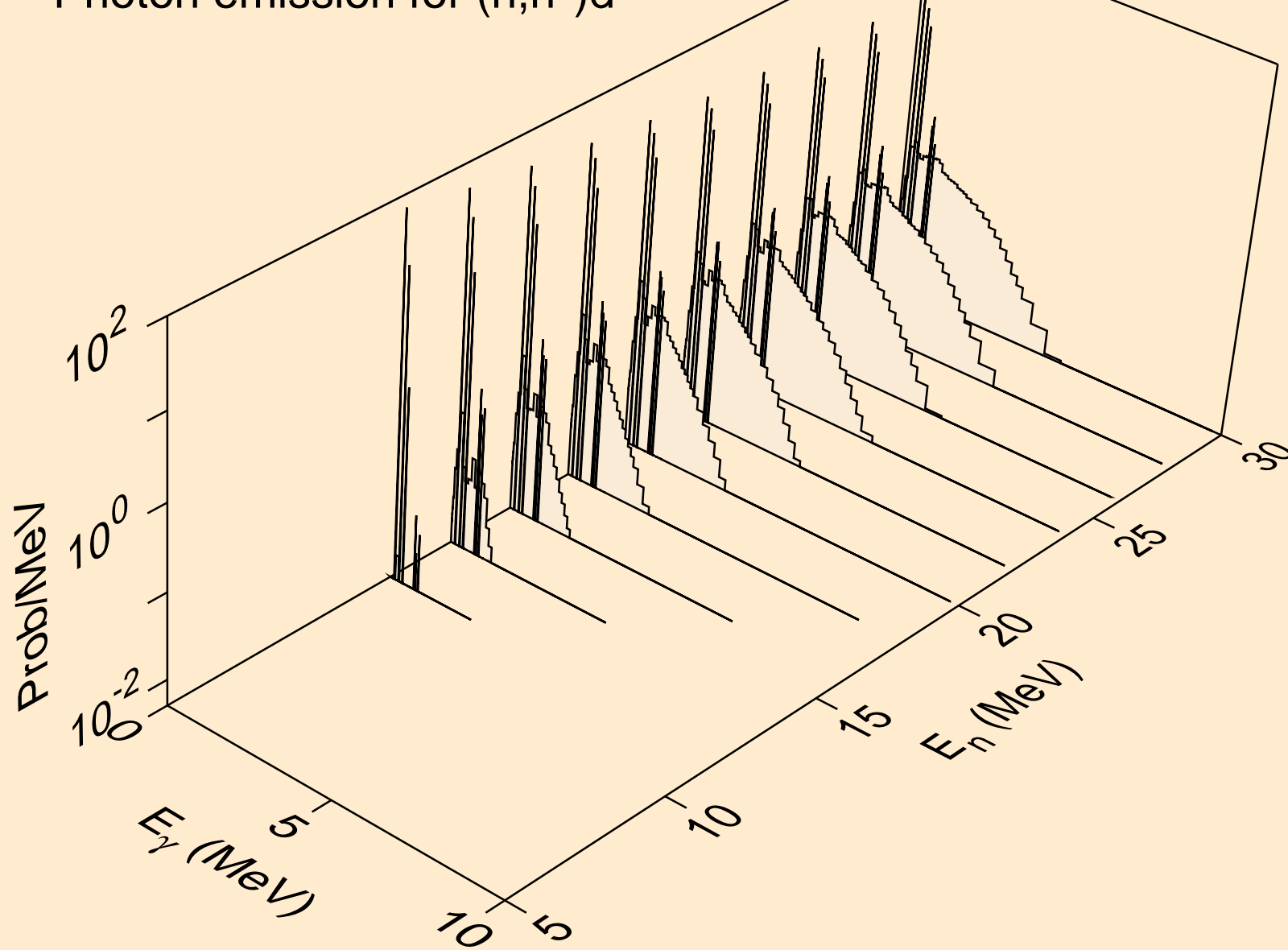
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Photon emission for (n,n\*)2a



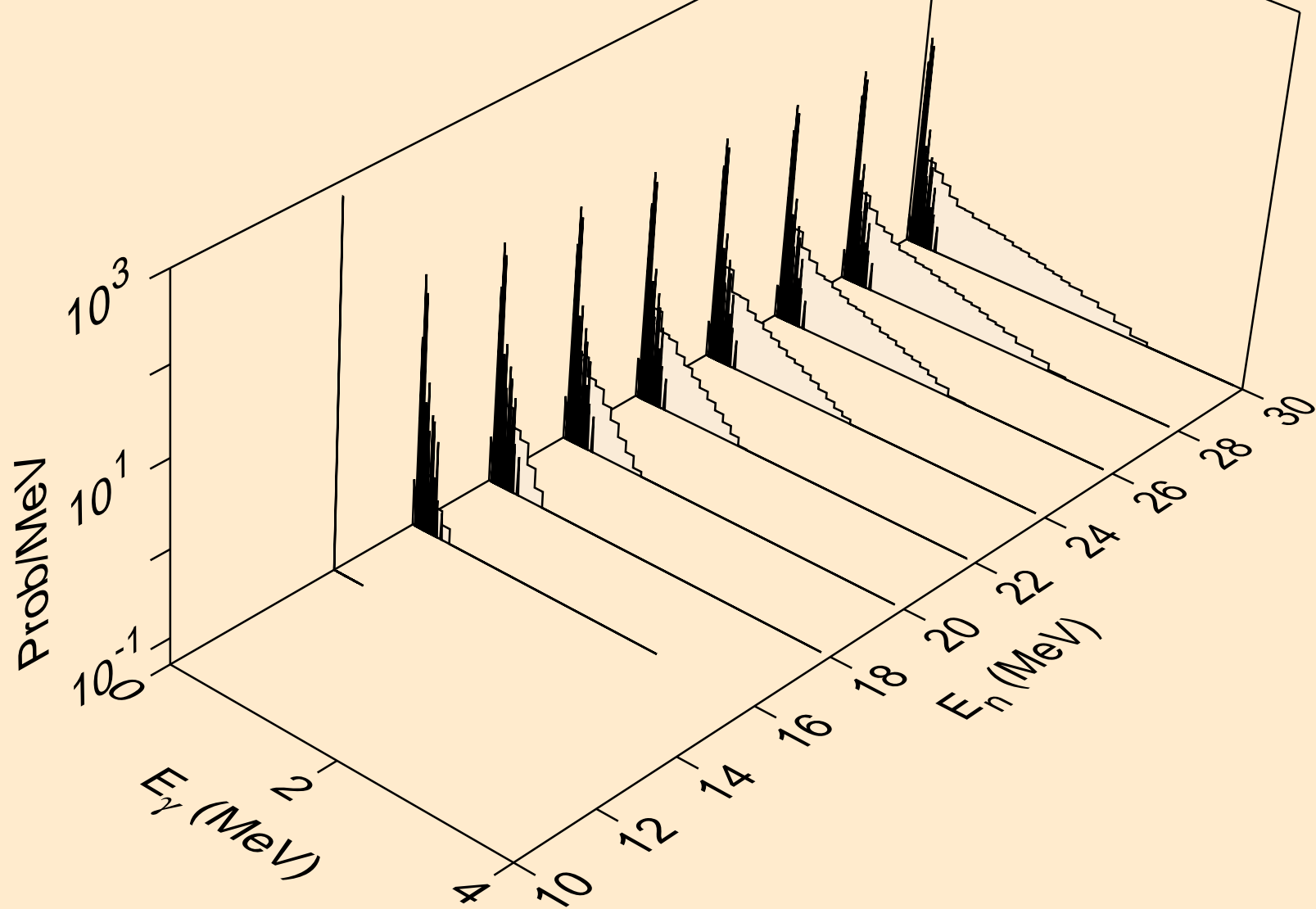
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



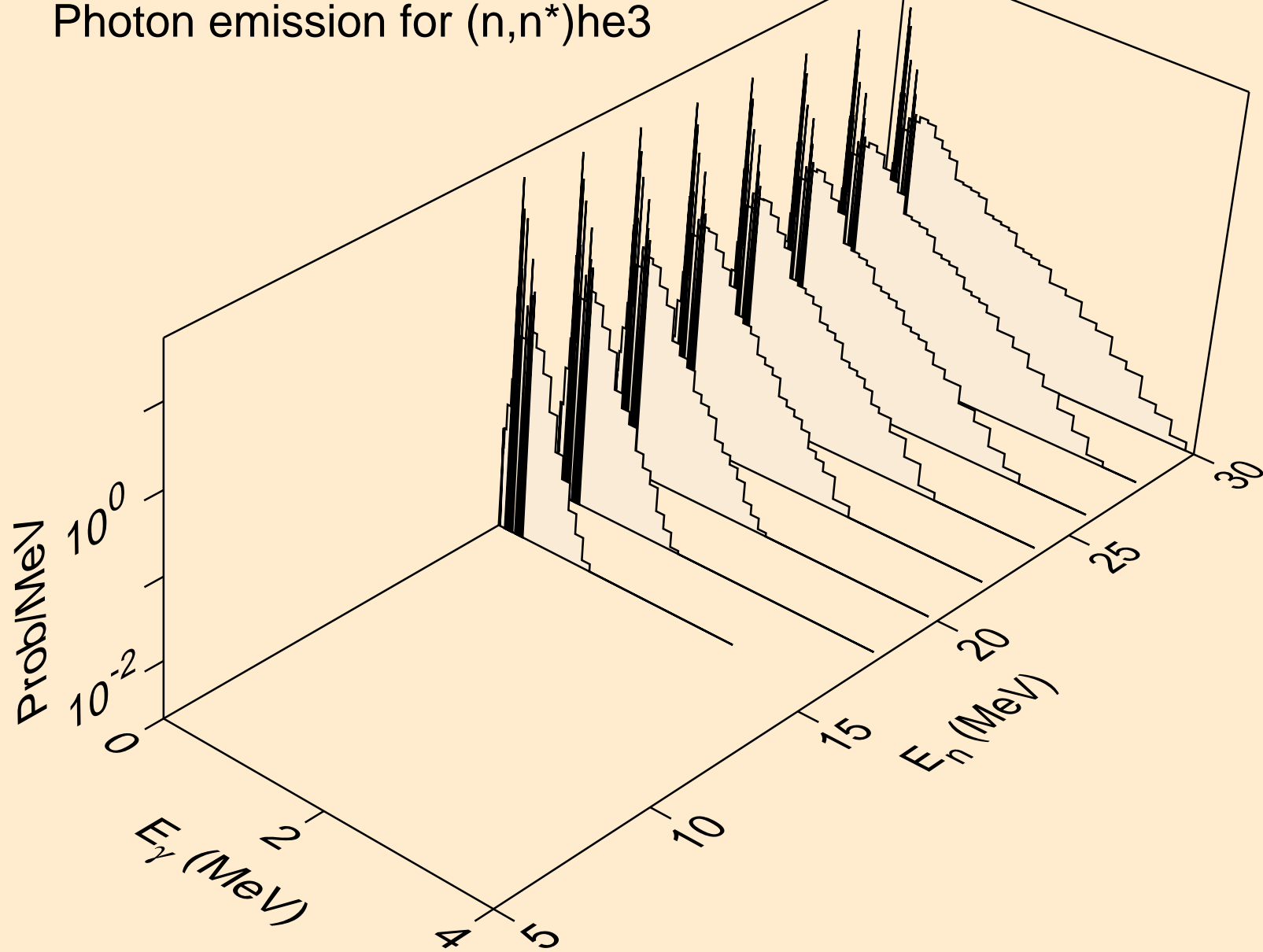
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



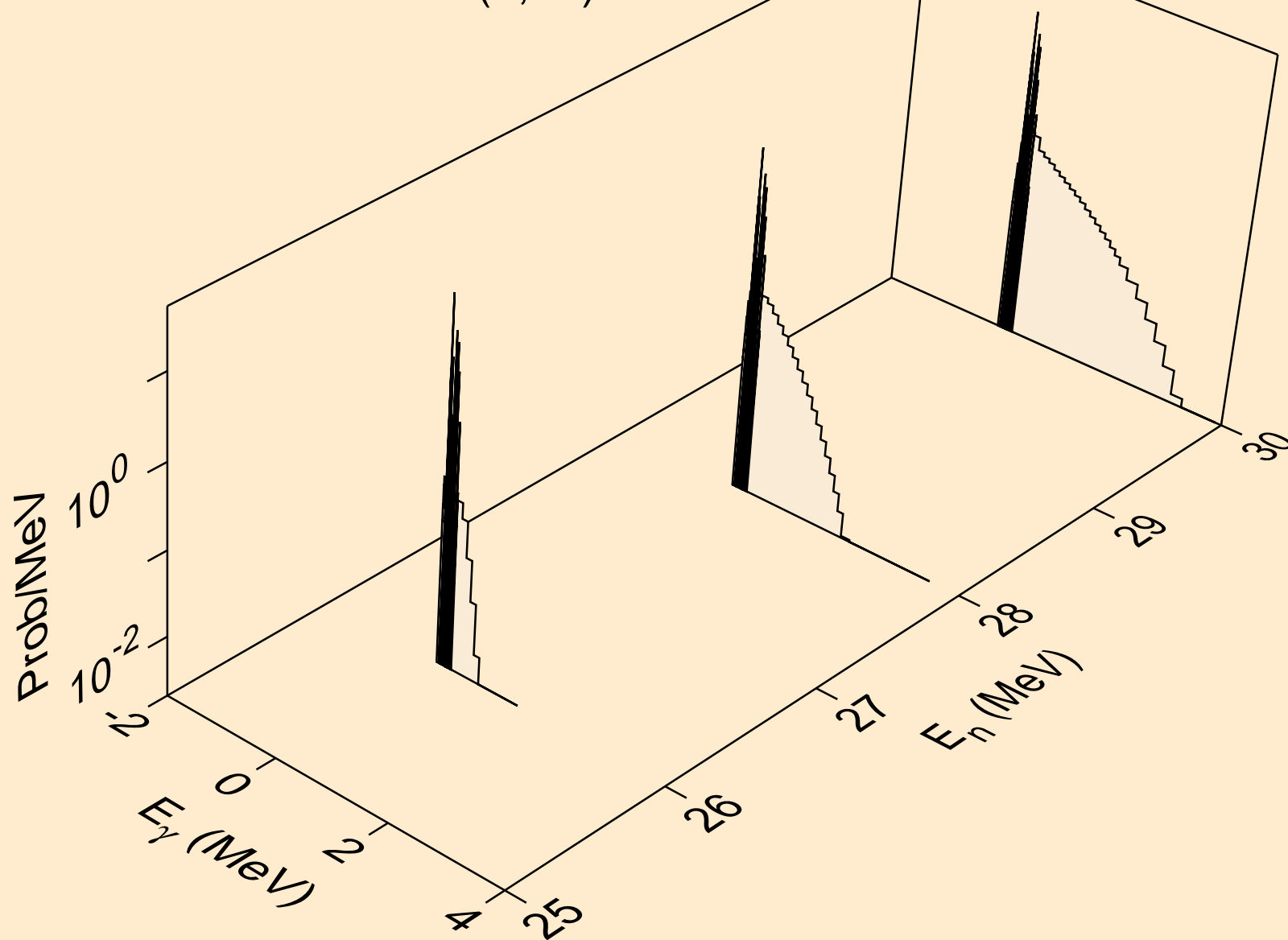
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



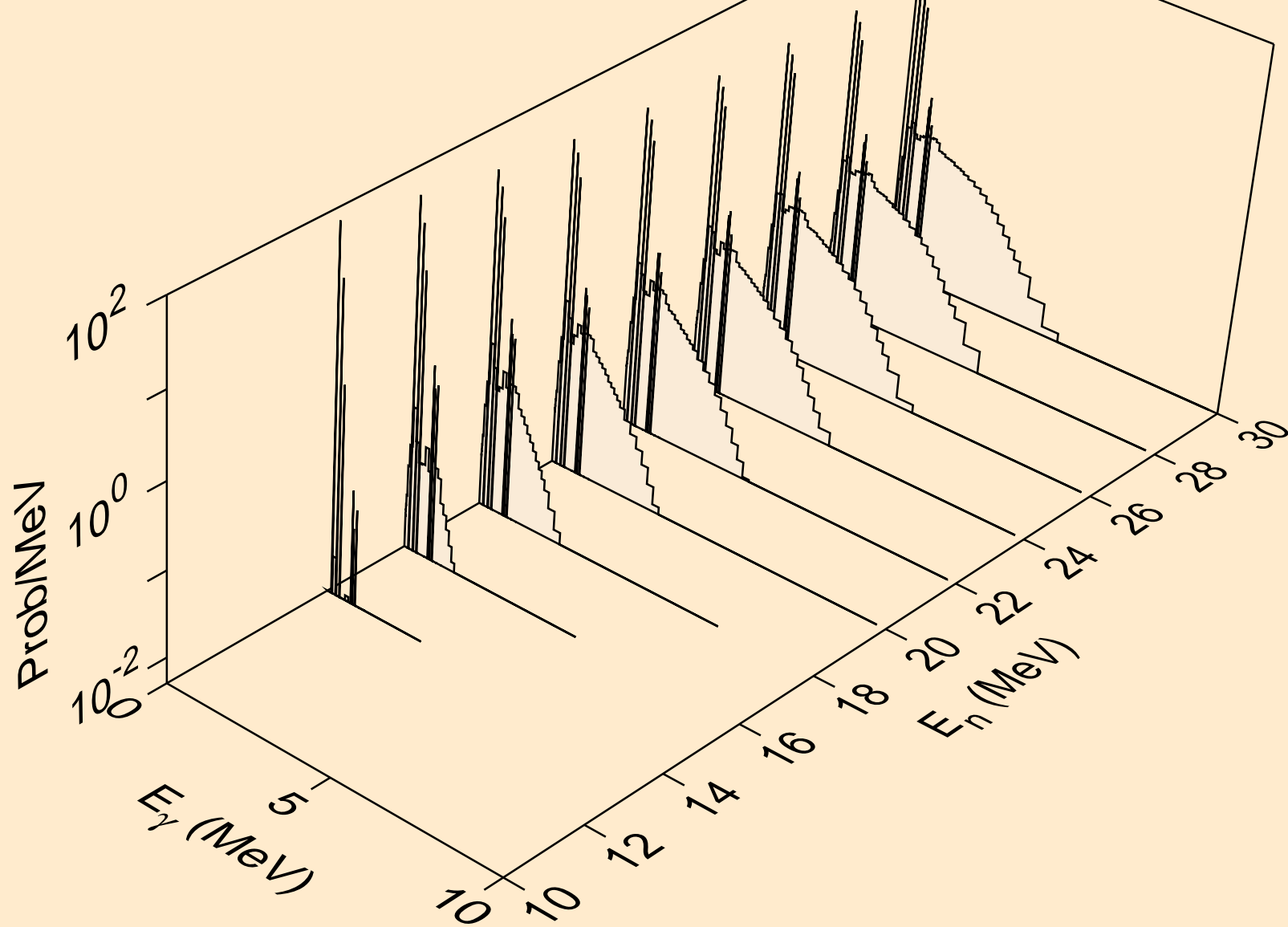
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



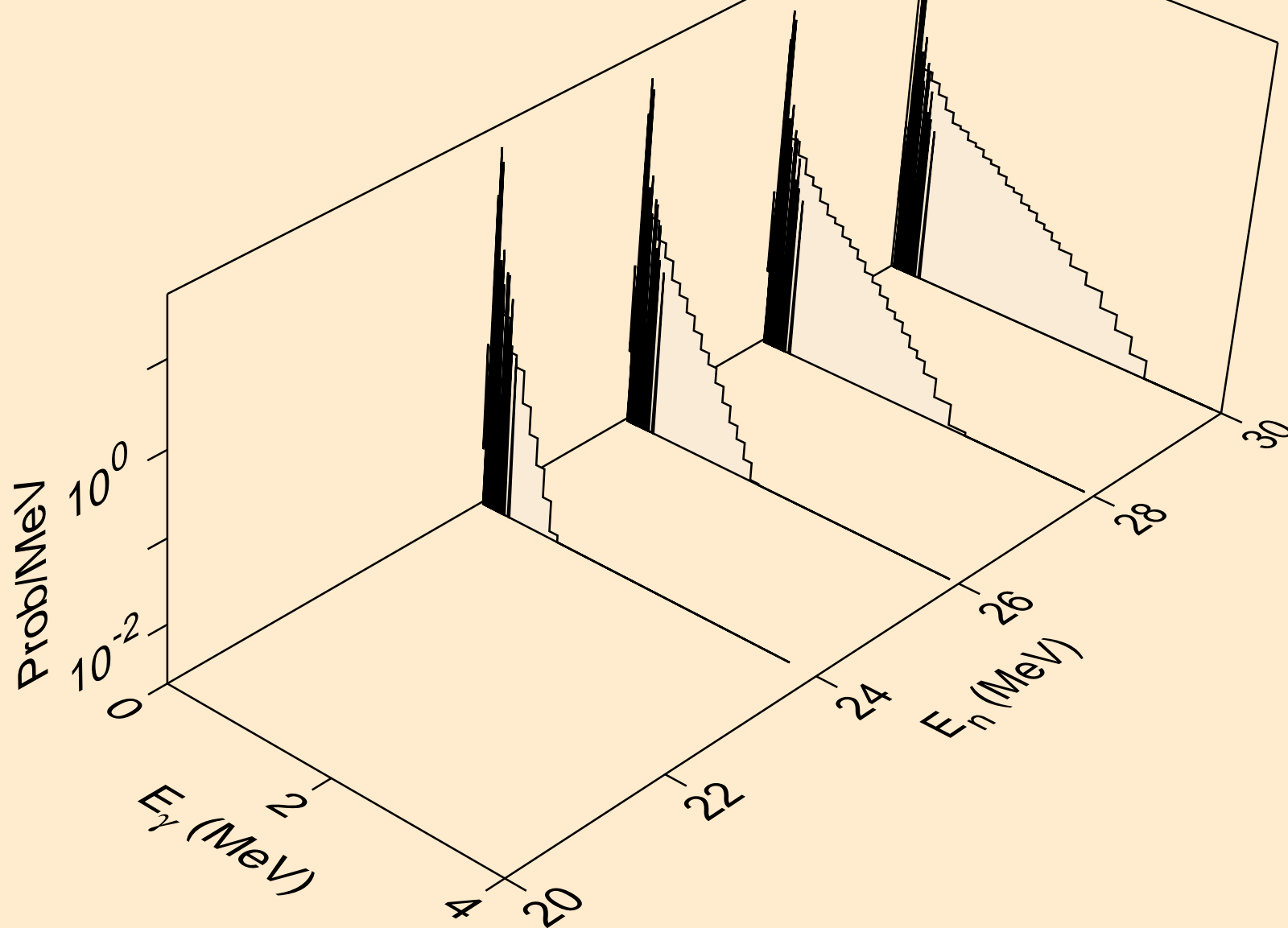
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

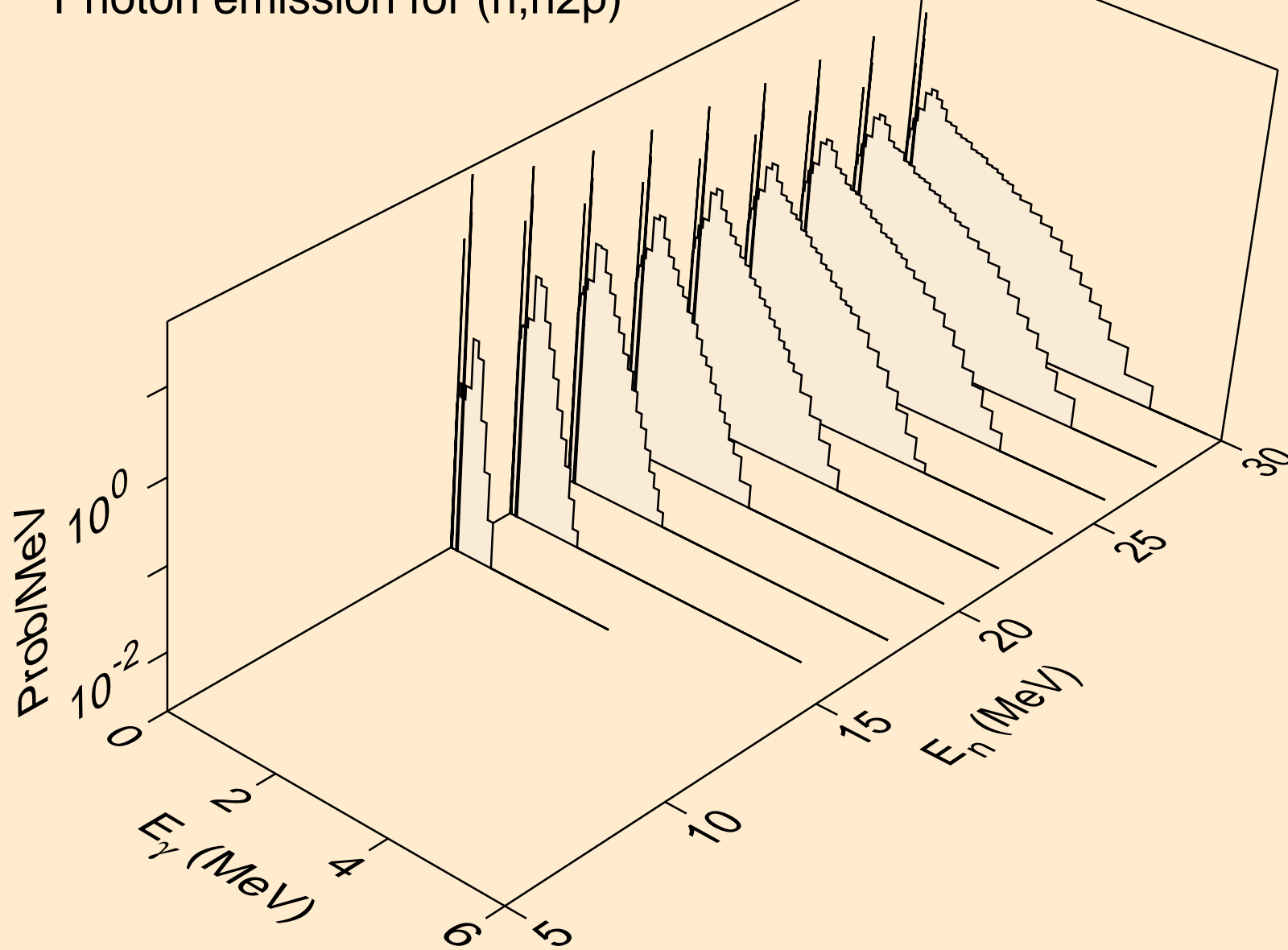


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

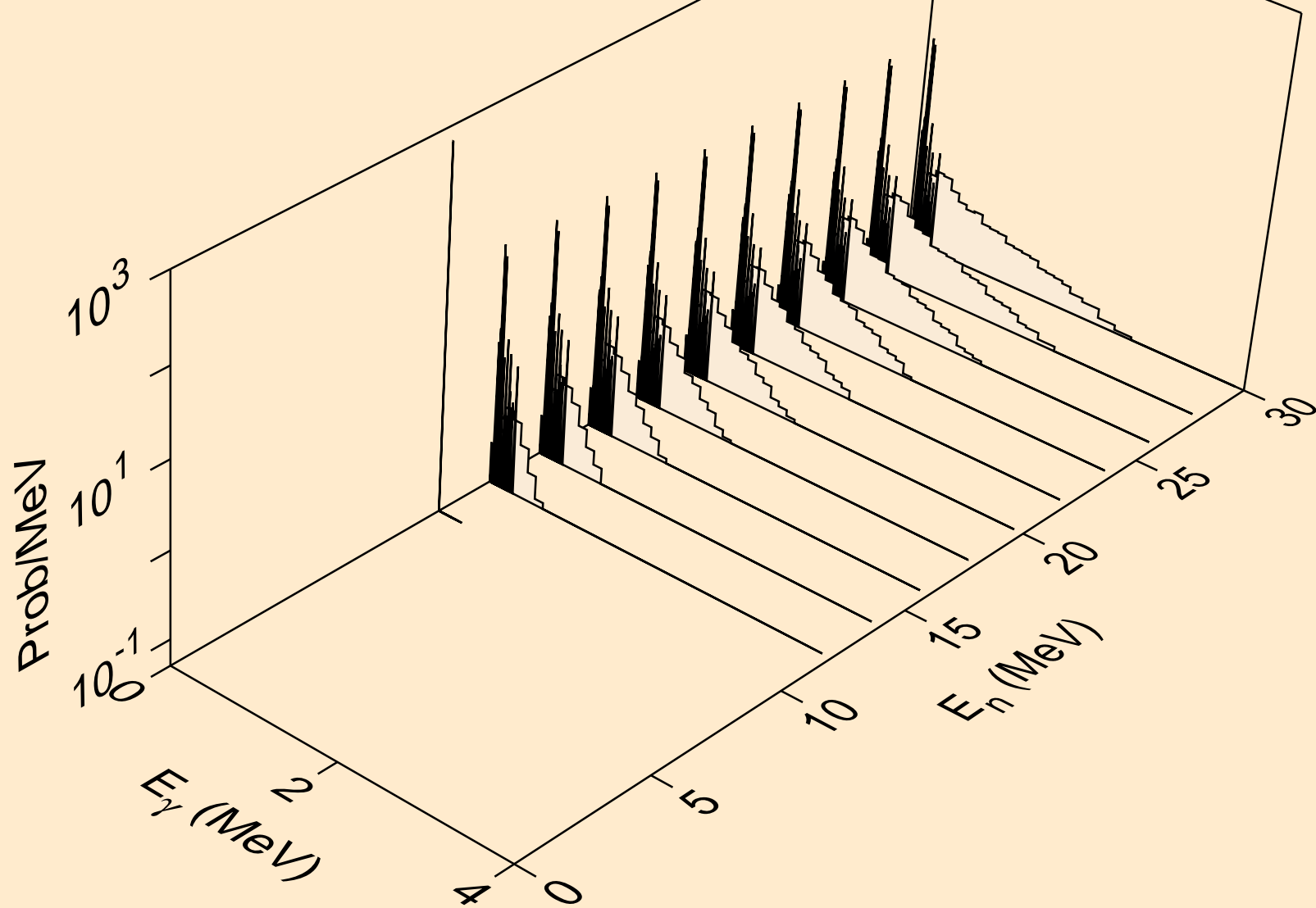




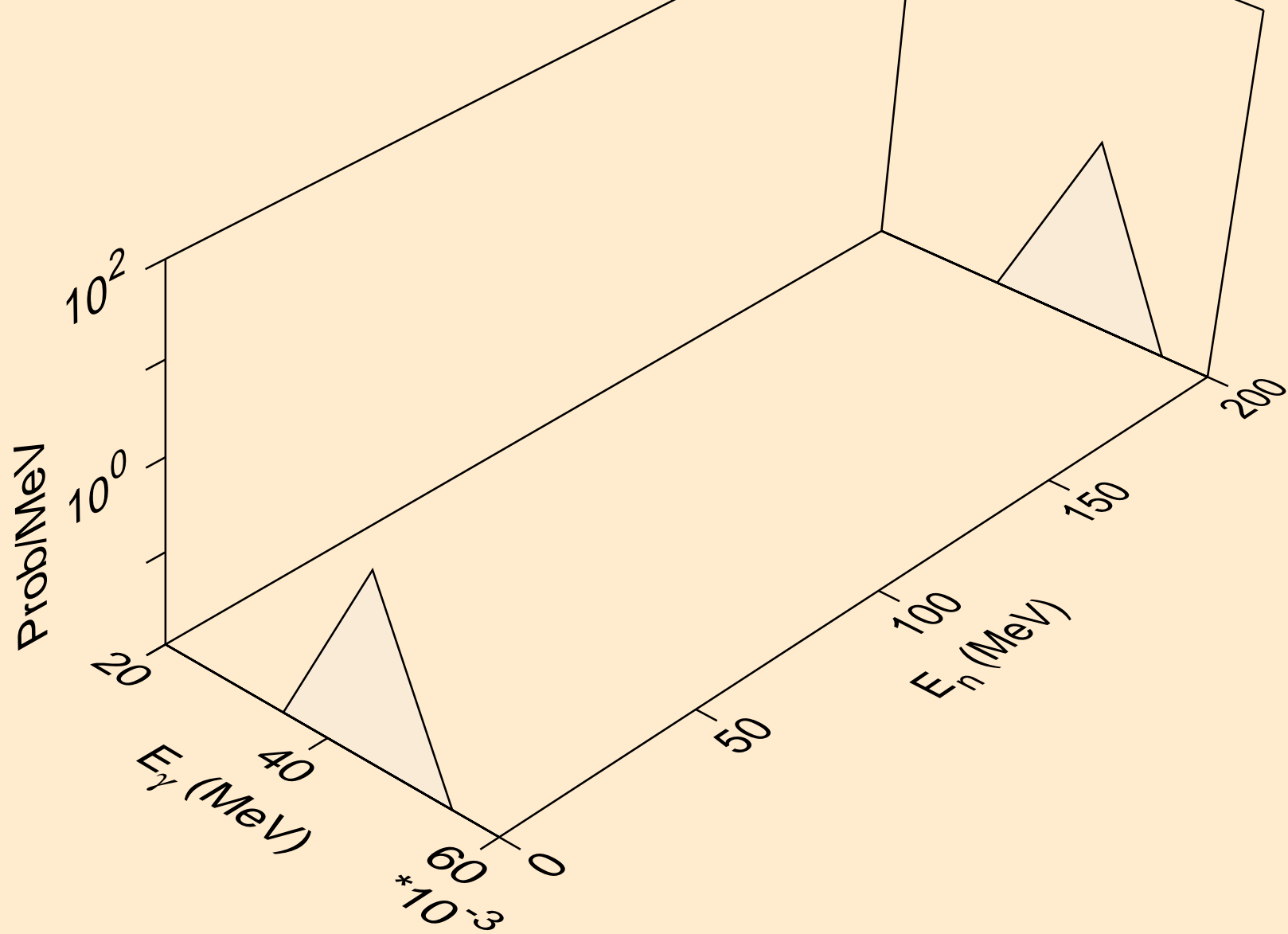
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Photon emission for (n,n2p)



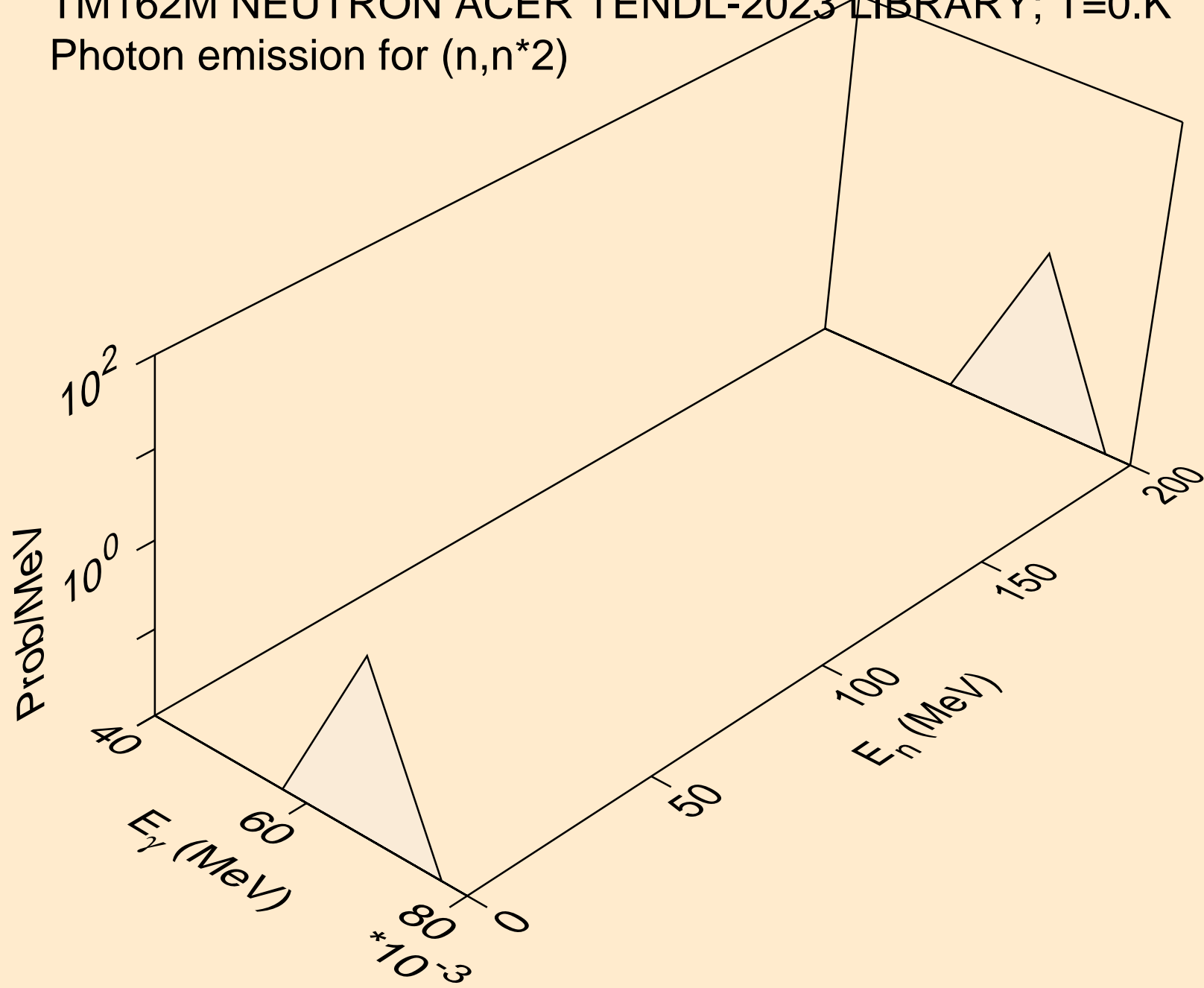
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Photon emission for (n,npa)



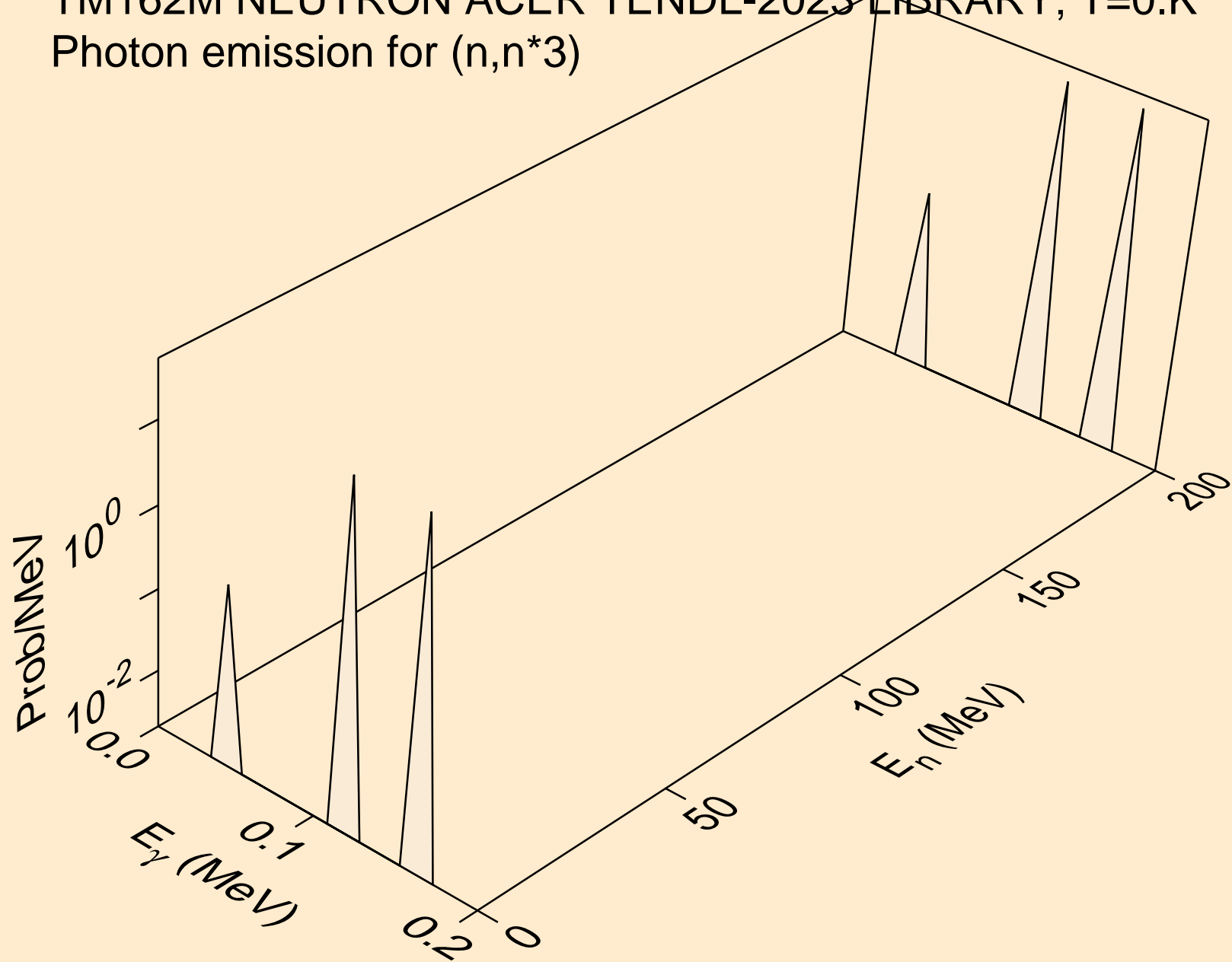
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Photon emission for (n,n\*1)



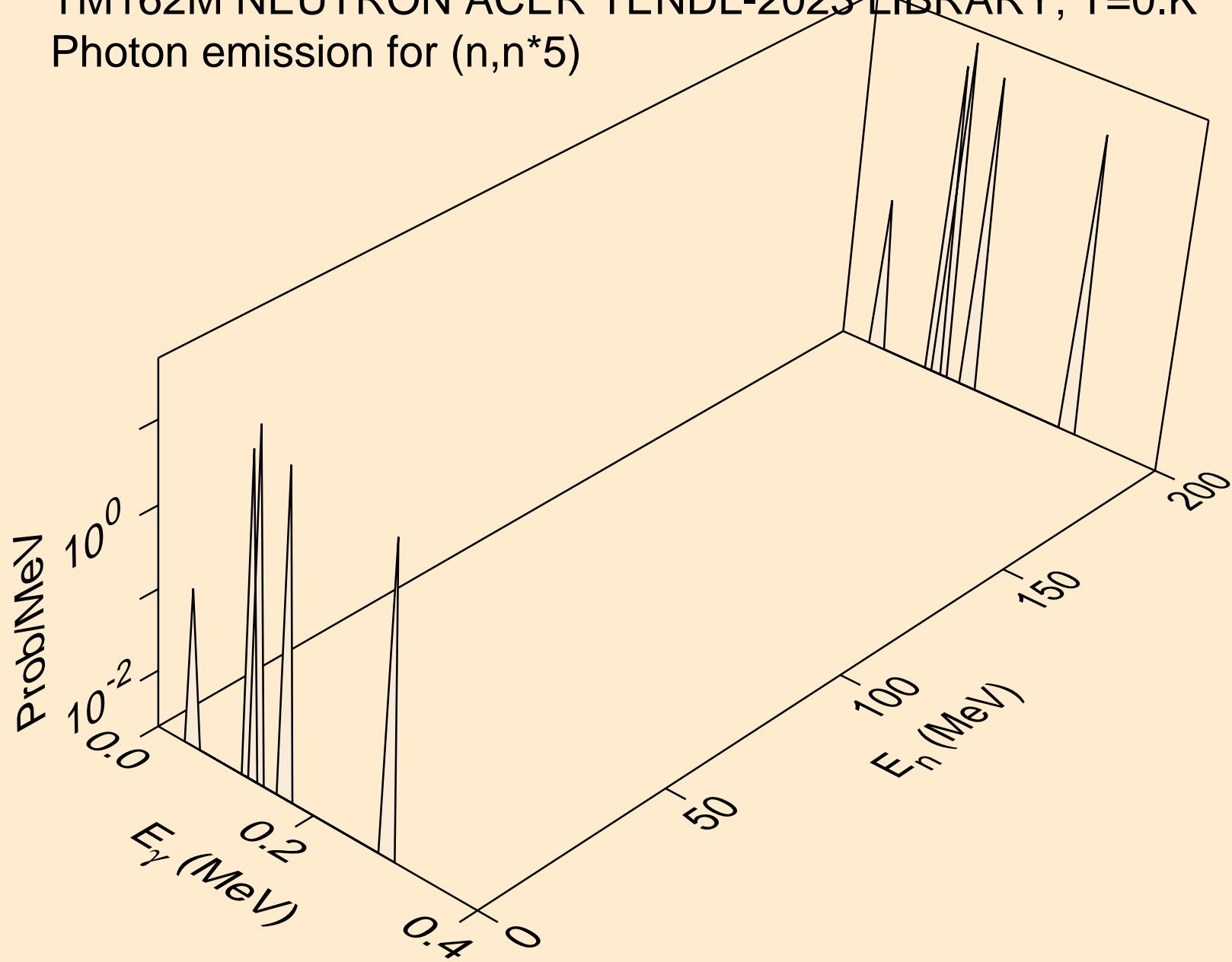
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Photon emission for (n,n\*2)



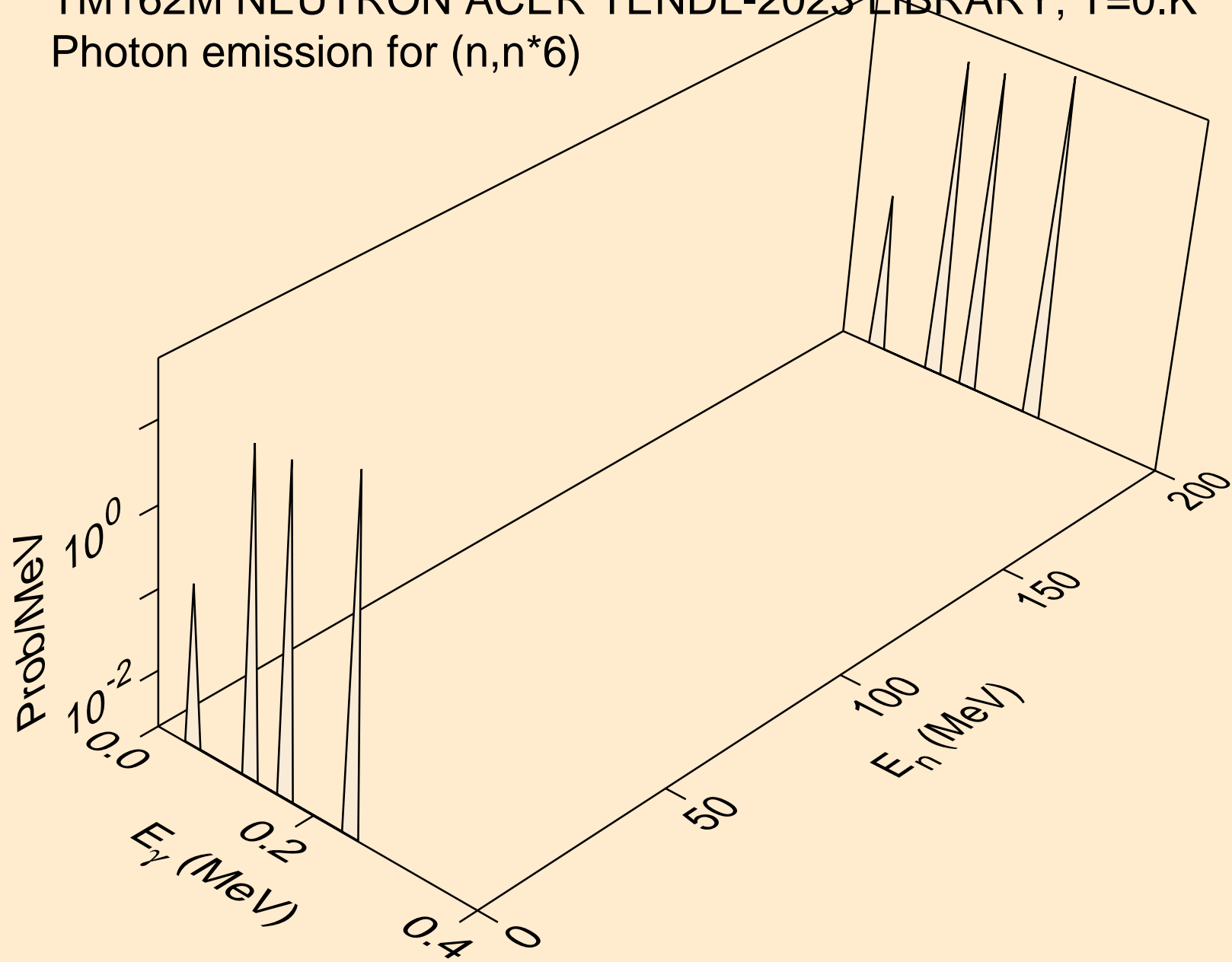
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Photon emission for (n,n\*3)



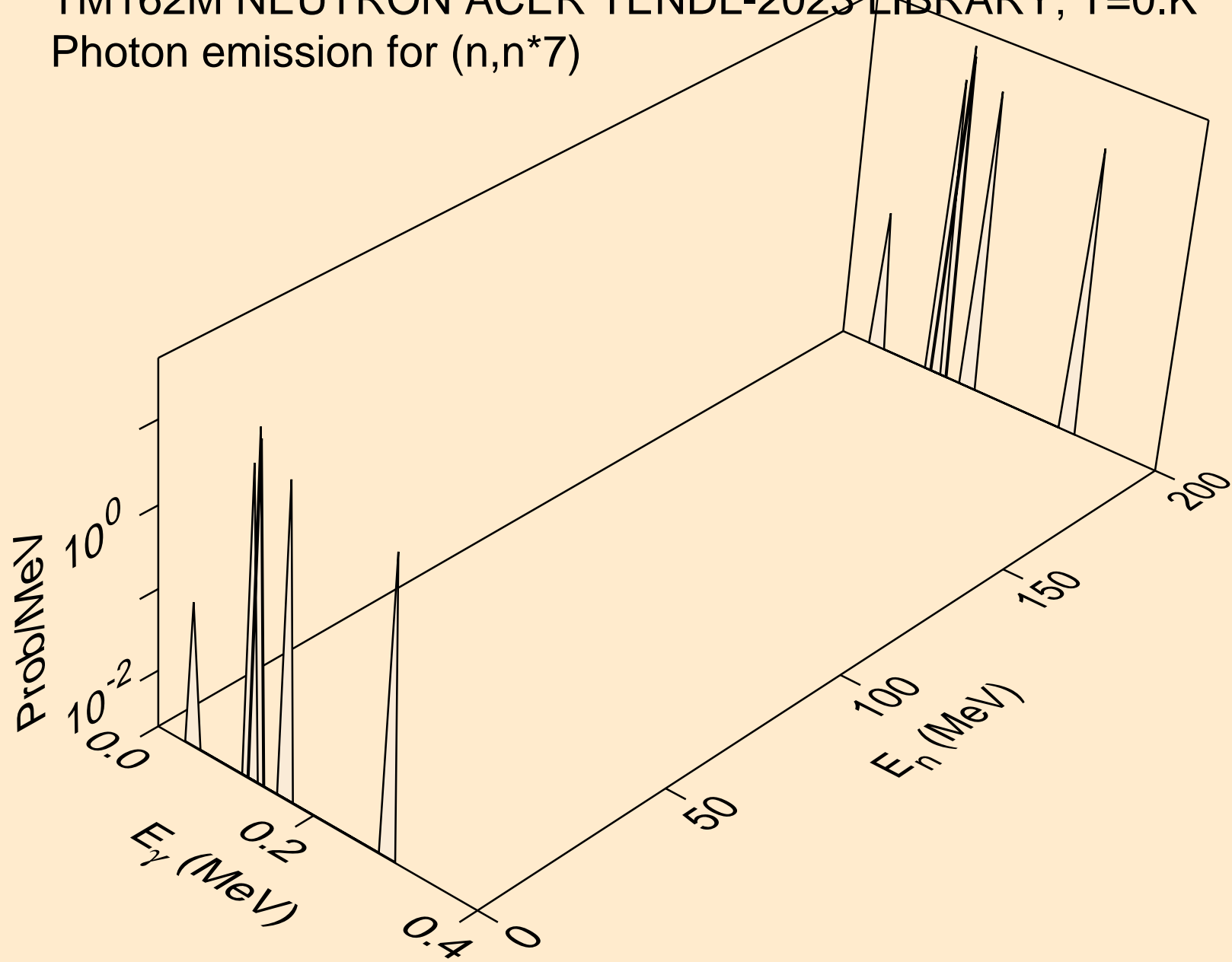
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

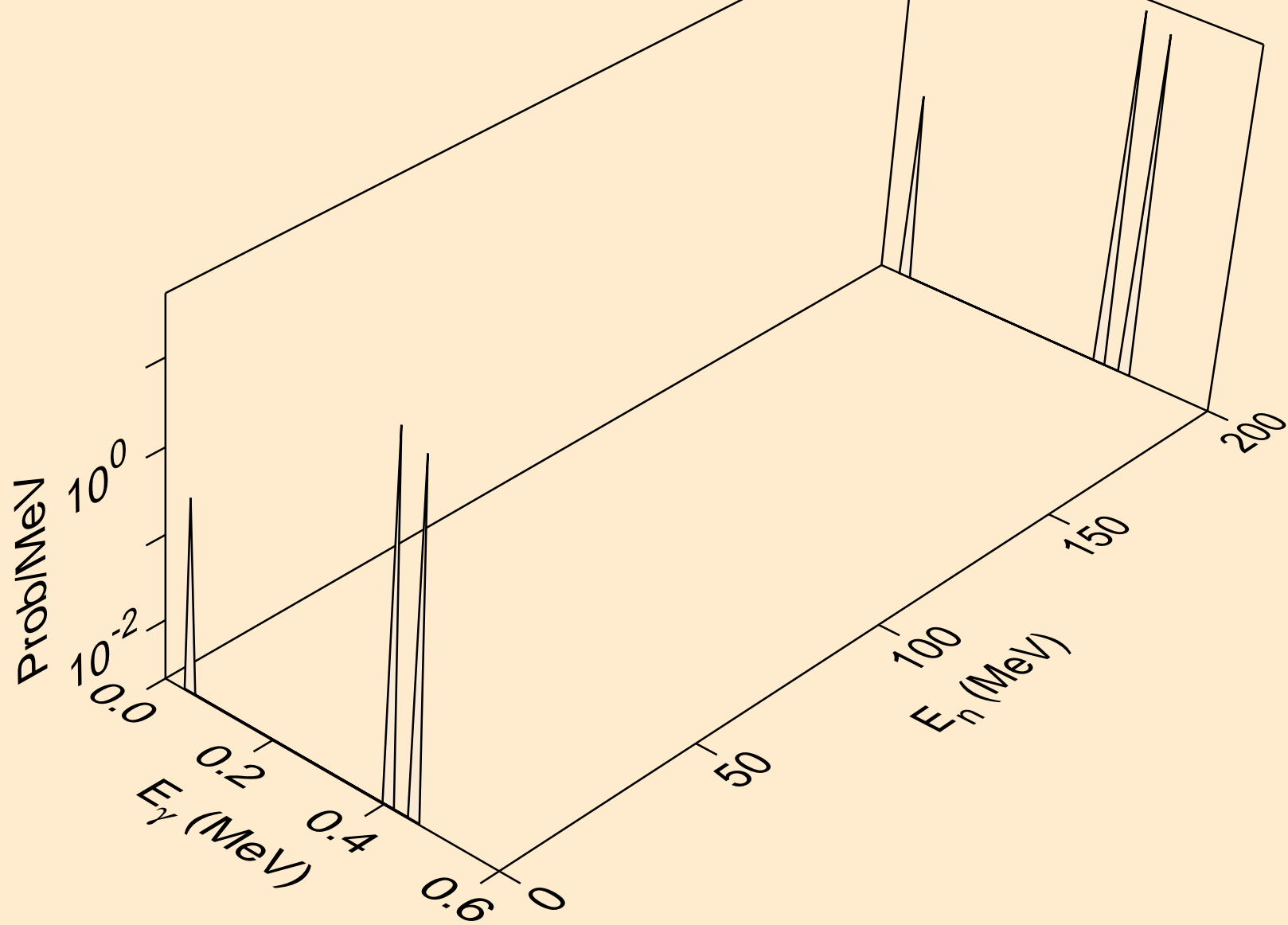


TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

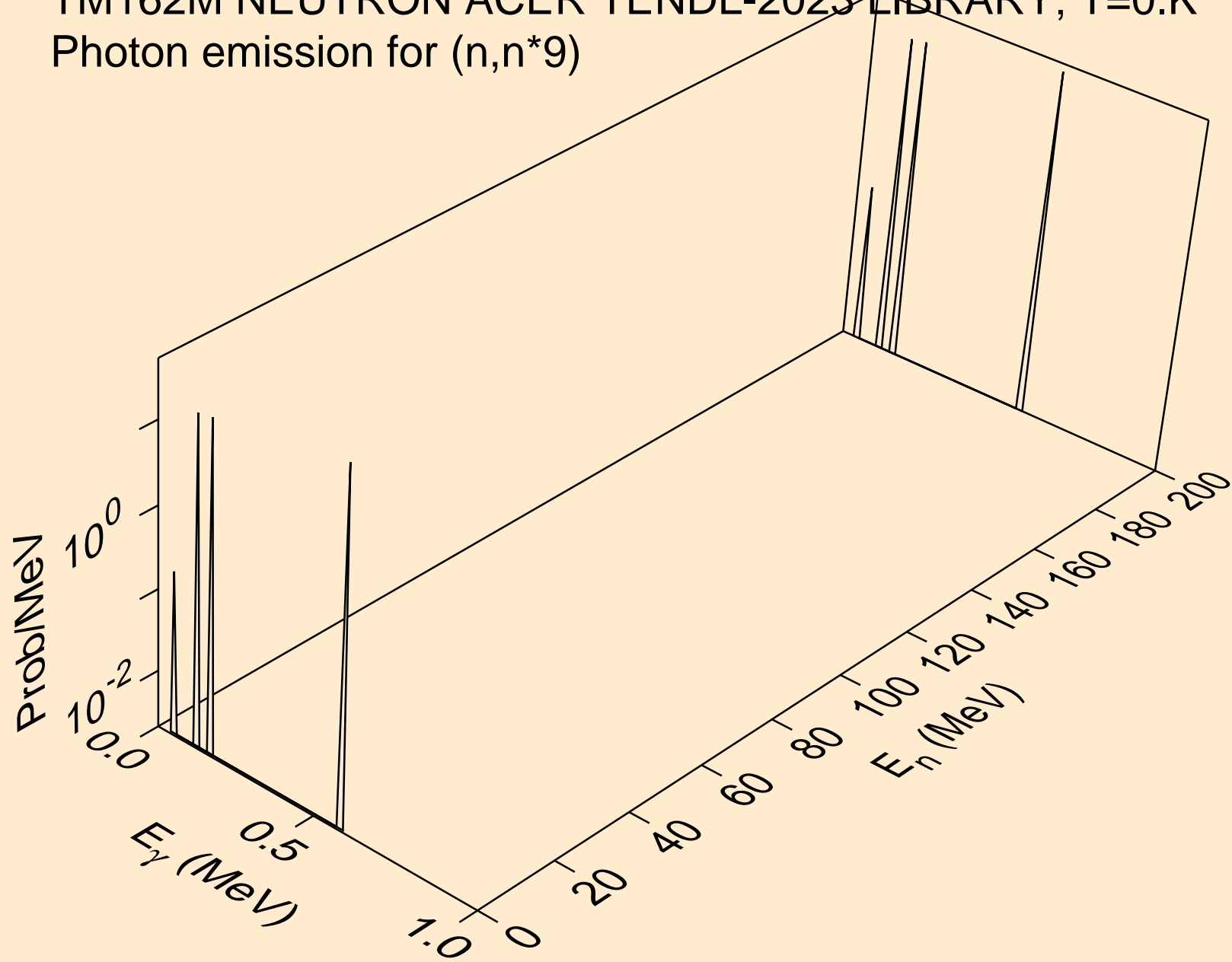




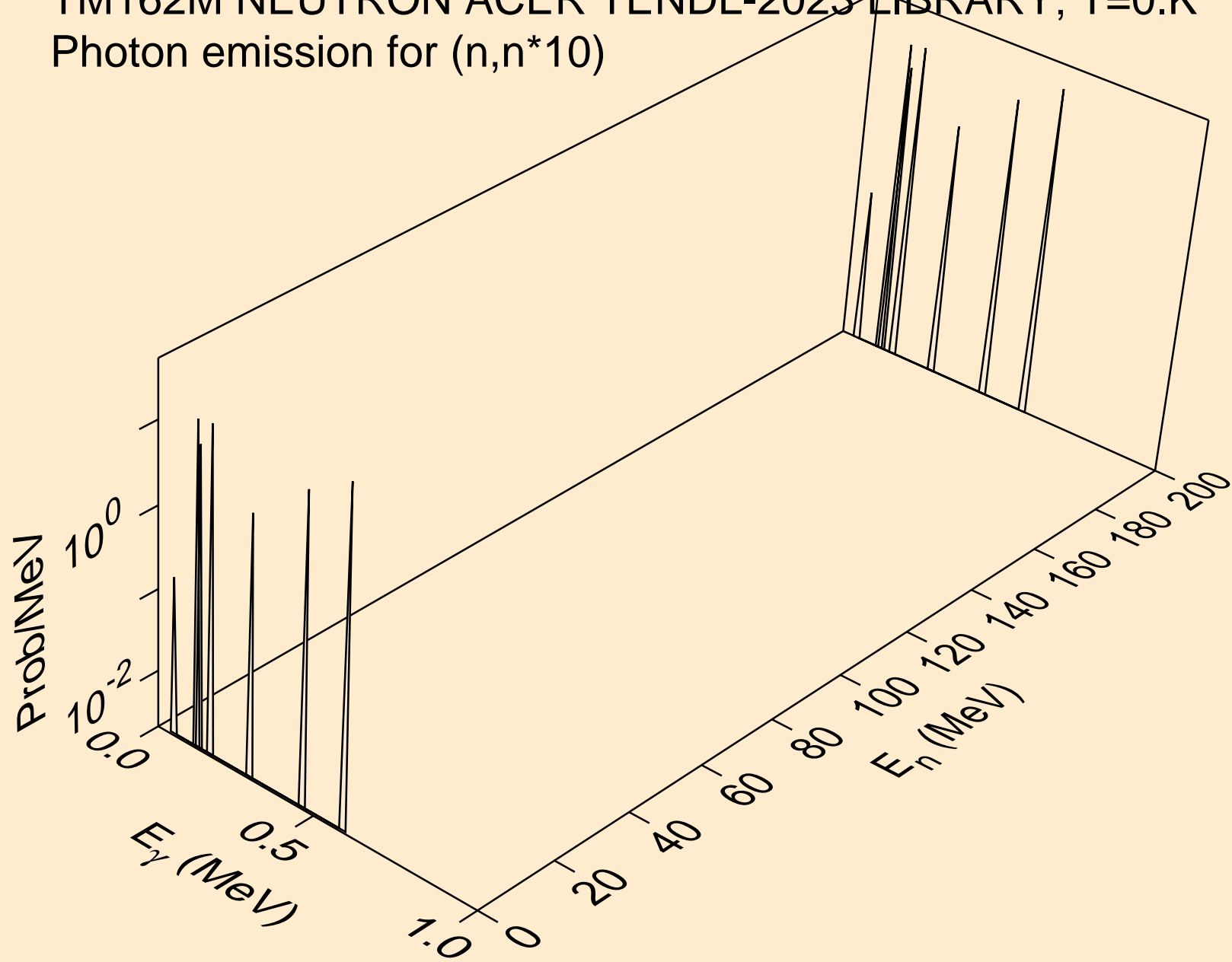
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Photon emission for (n,n\*8)



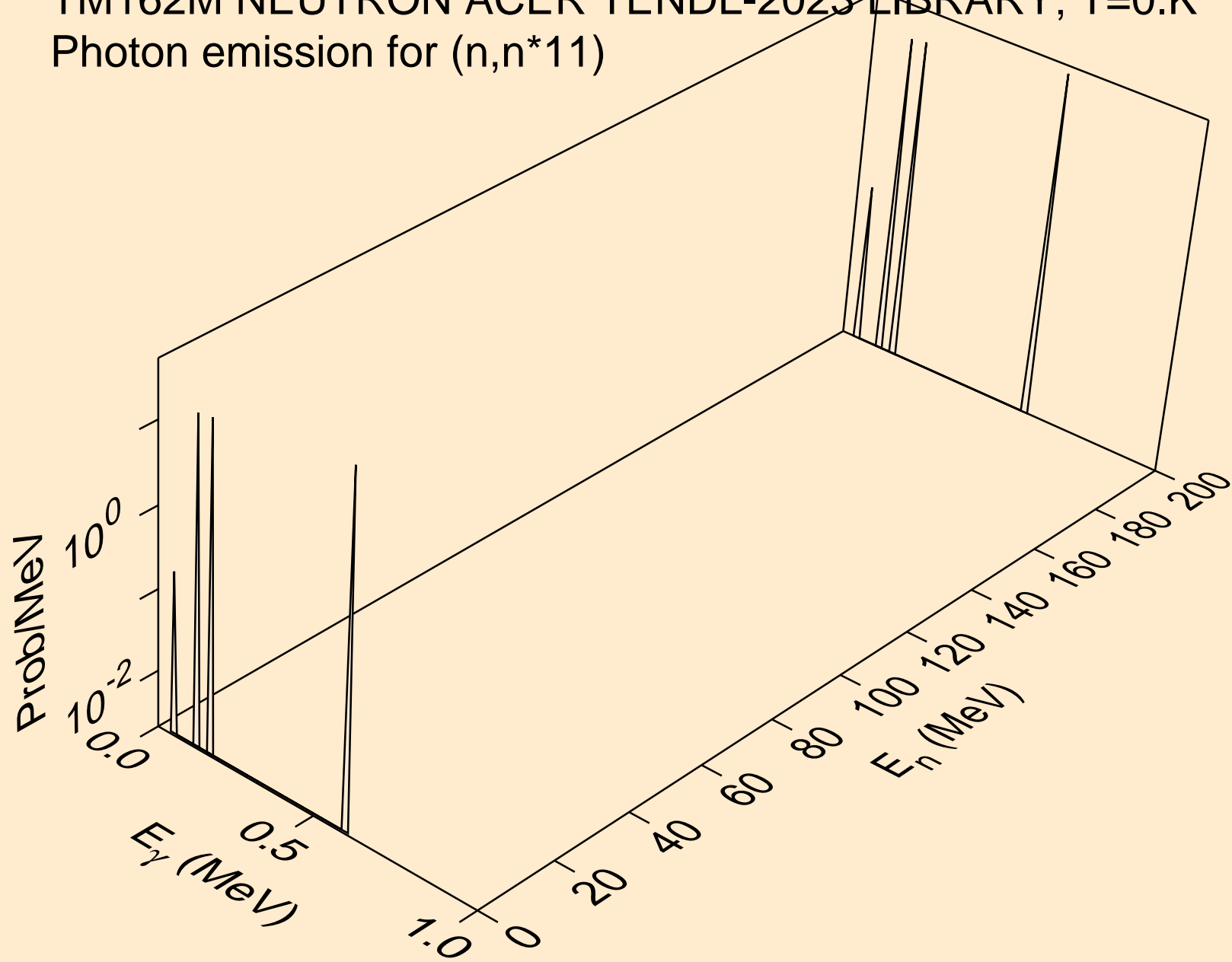
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Photon emission for (n,n\*9)



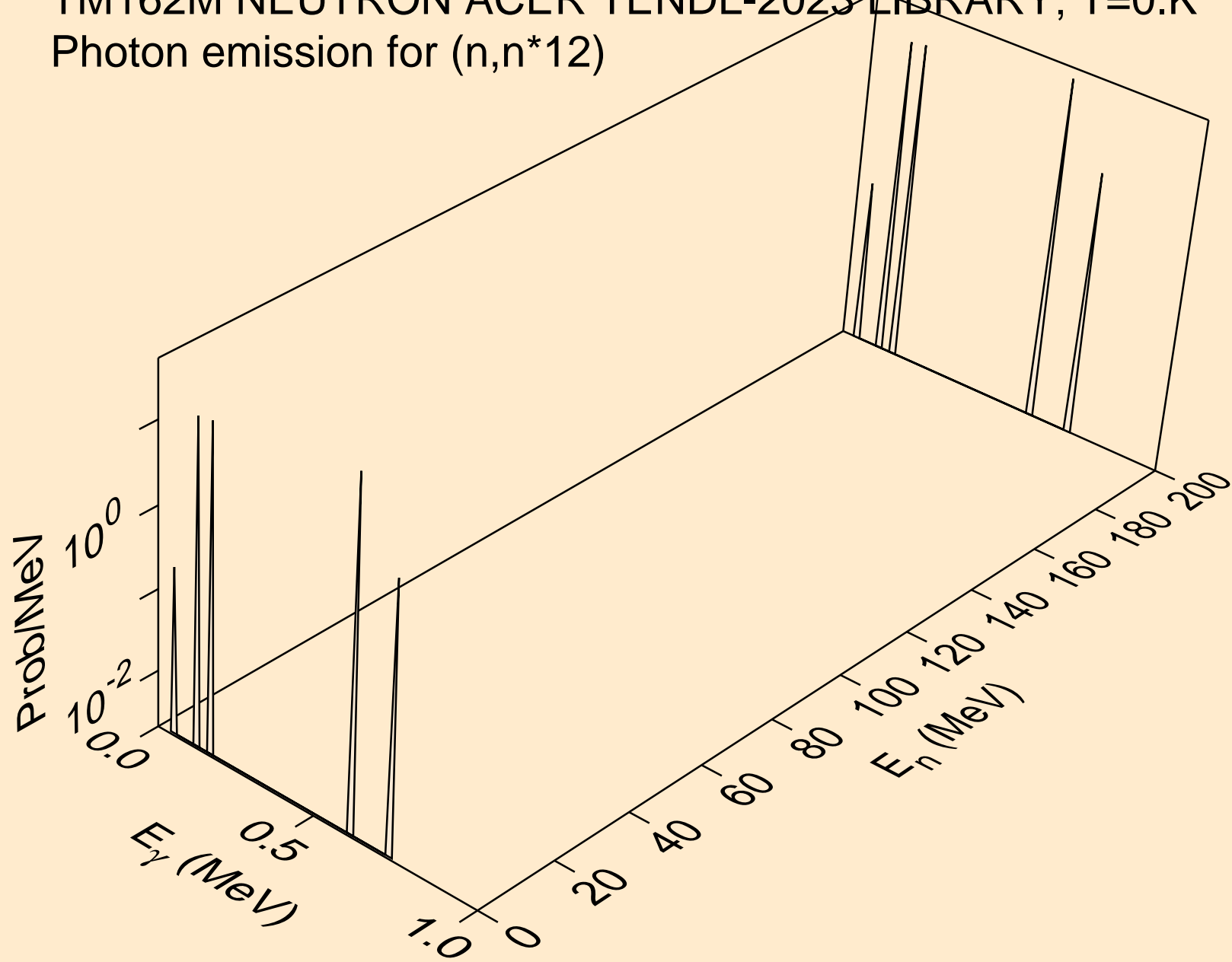
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Photon emission for (n,n\*10)



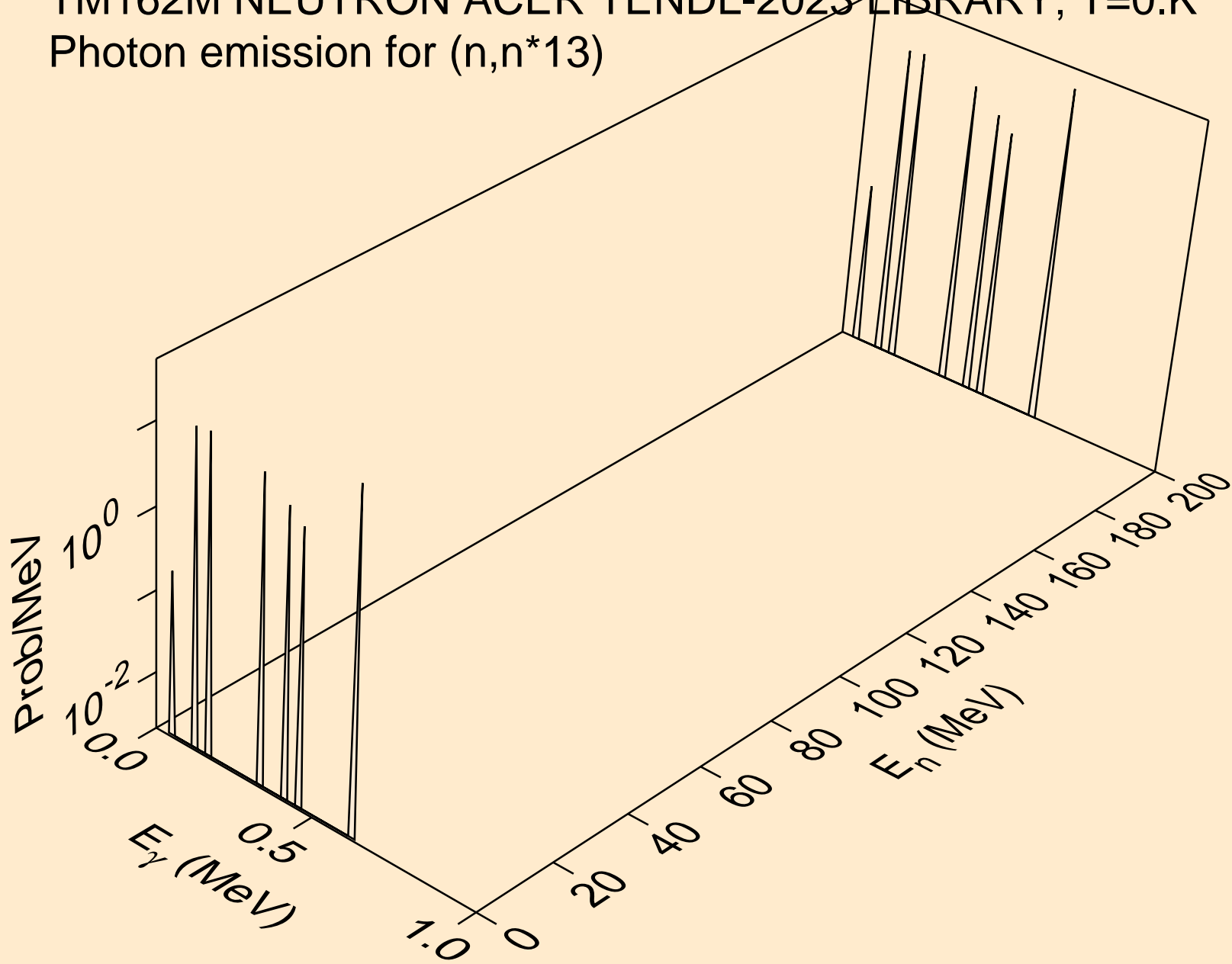
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Photon emission for (n,n\*11)



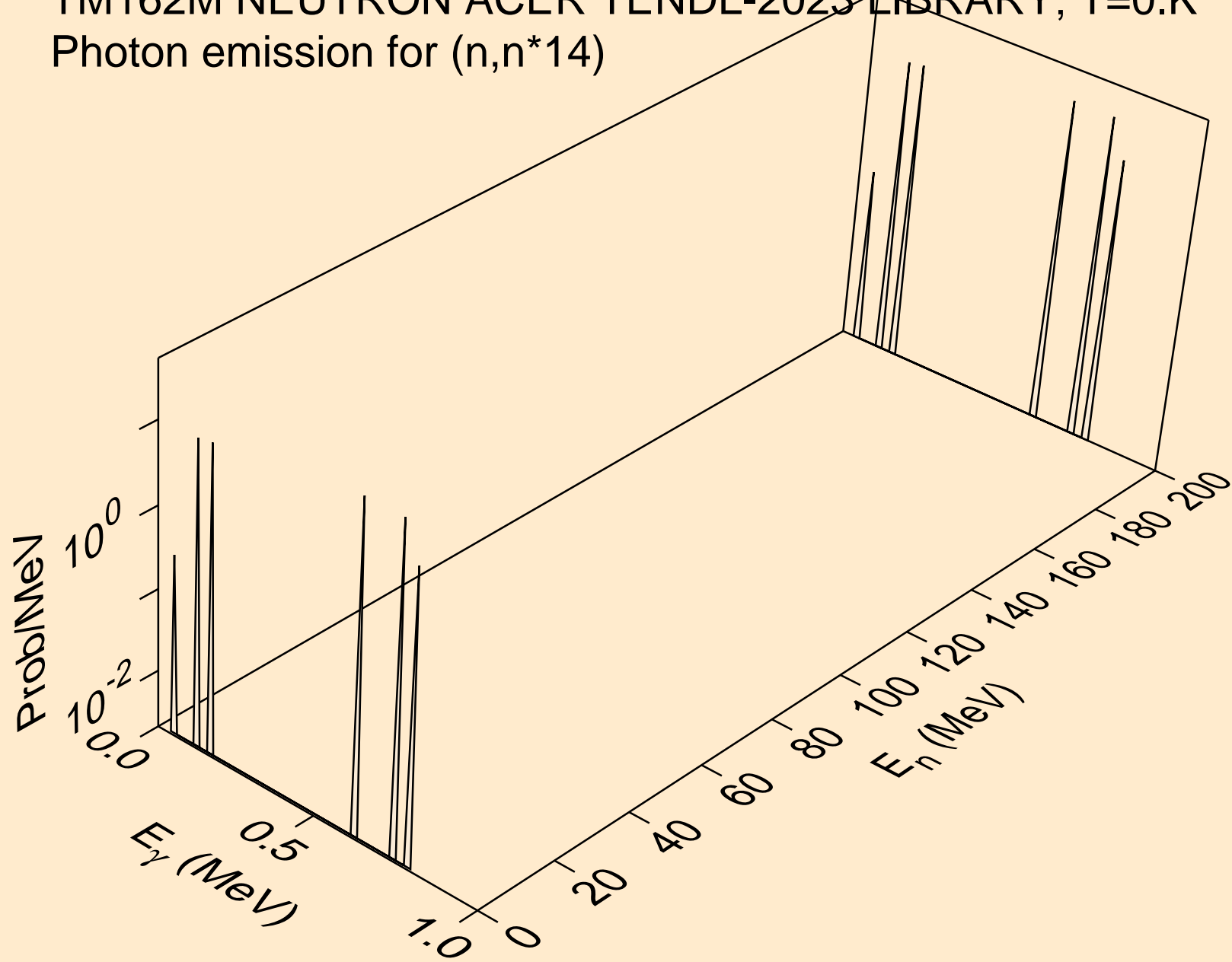
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Photon emission for (n,n\*12)



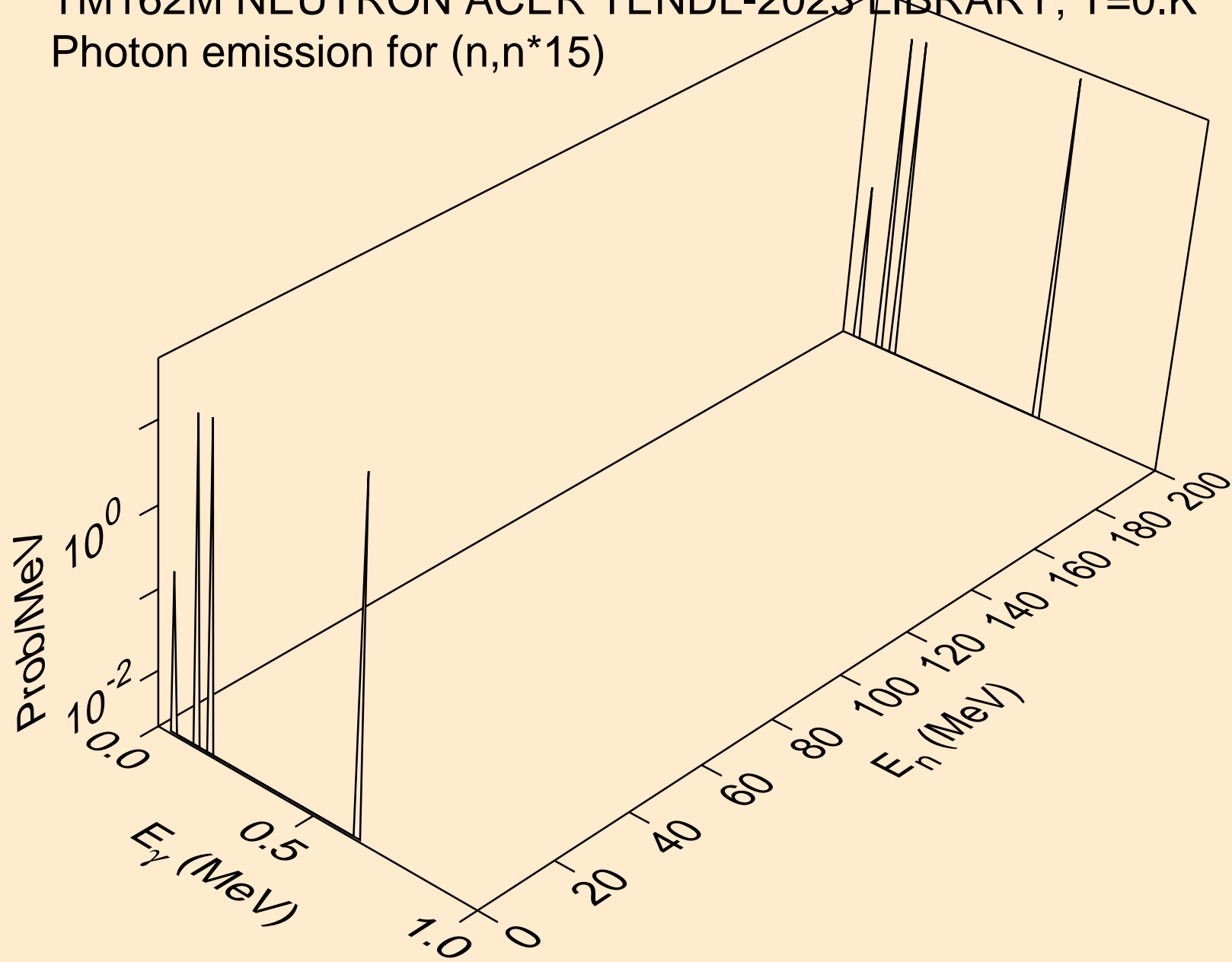
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*13)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*14)

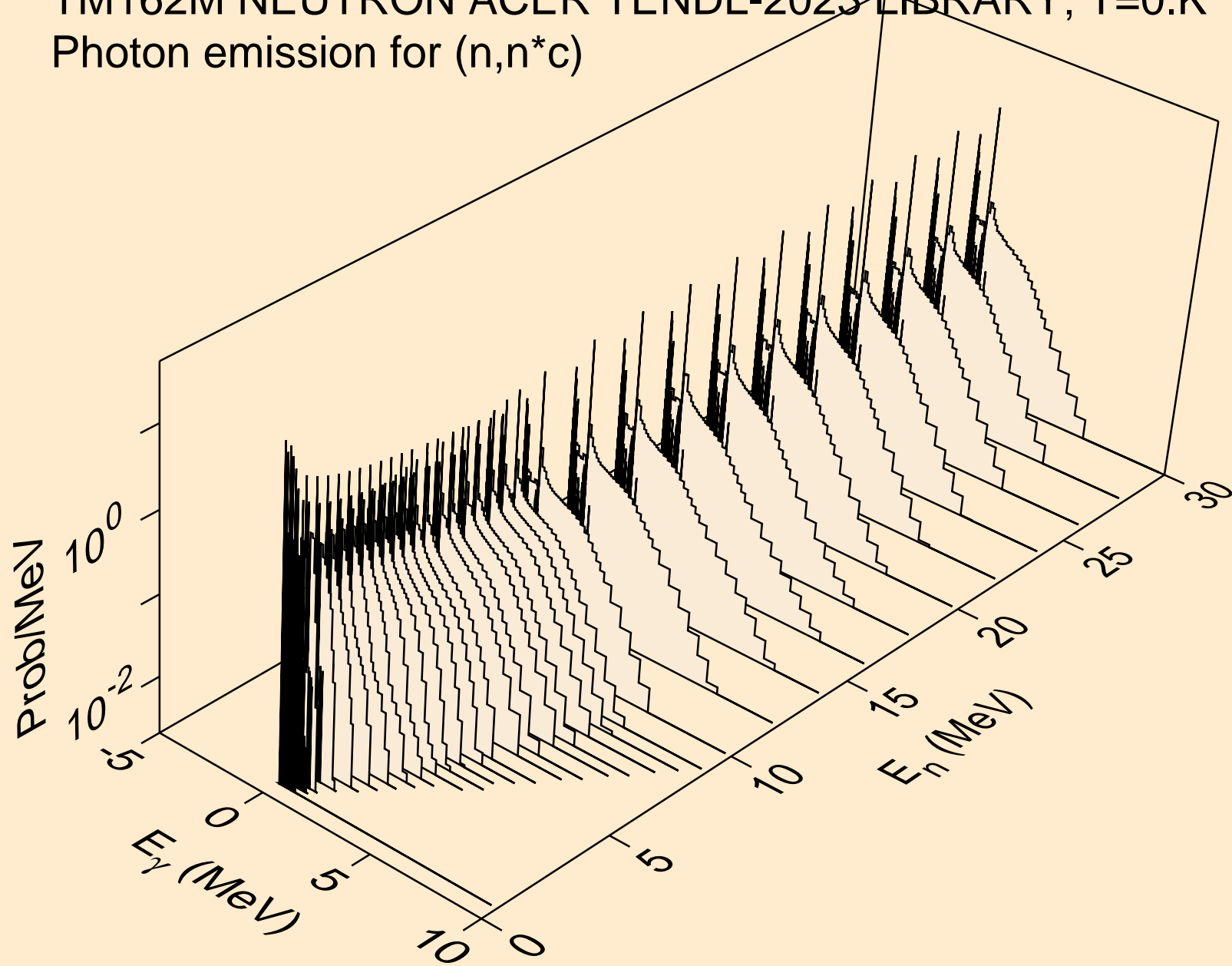


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Photon emission for (n,n\*15)

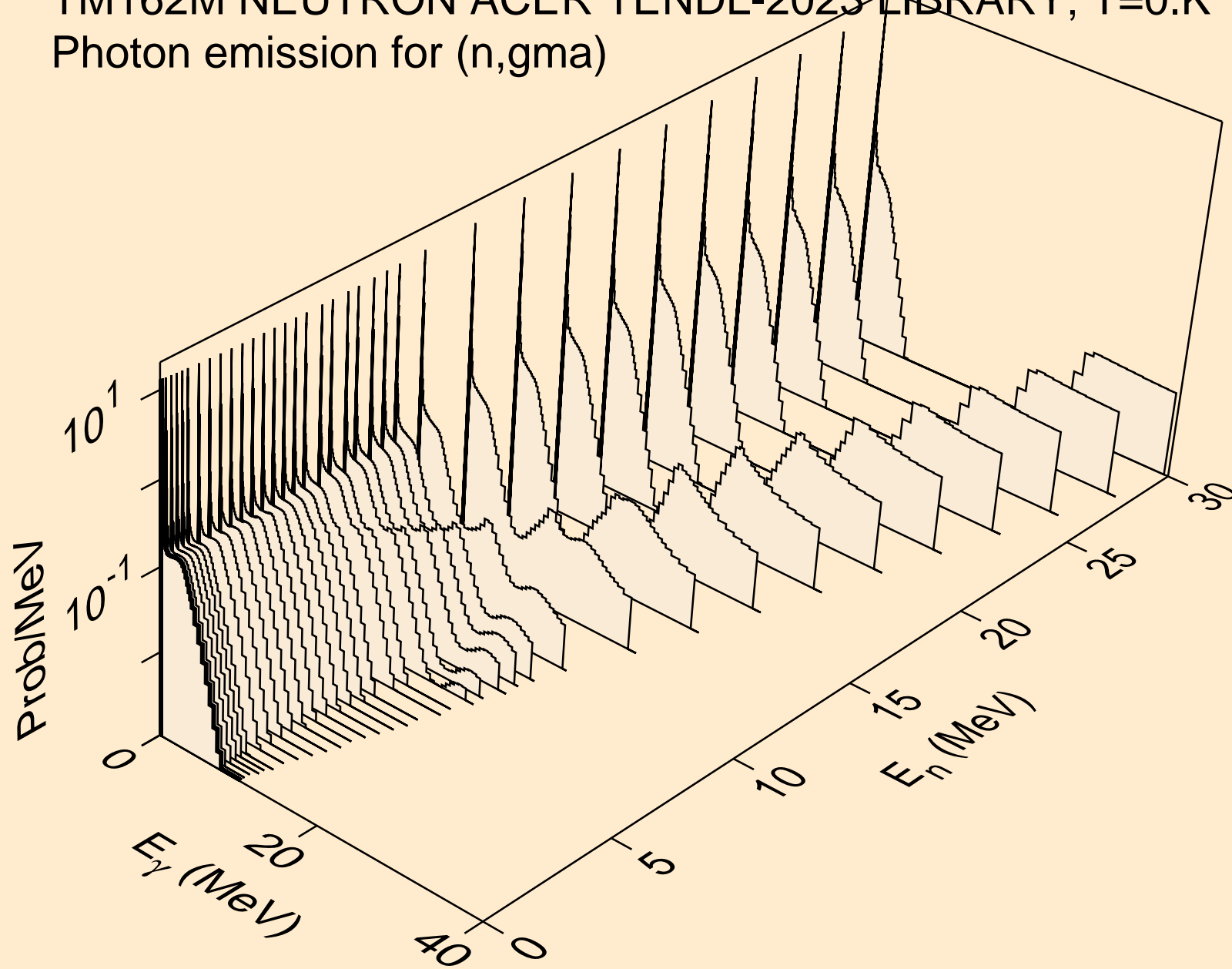




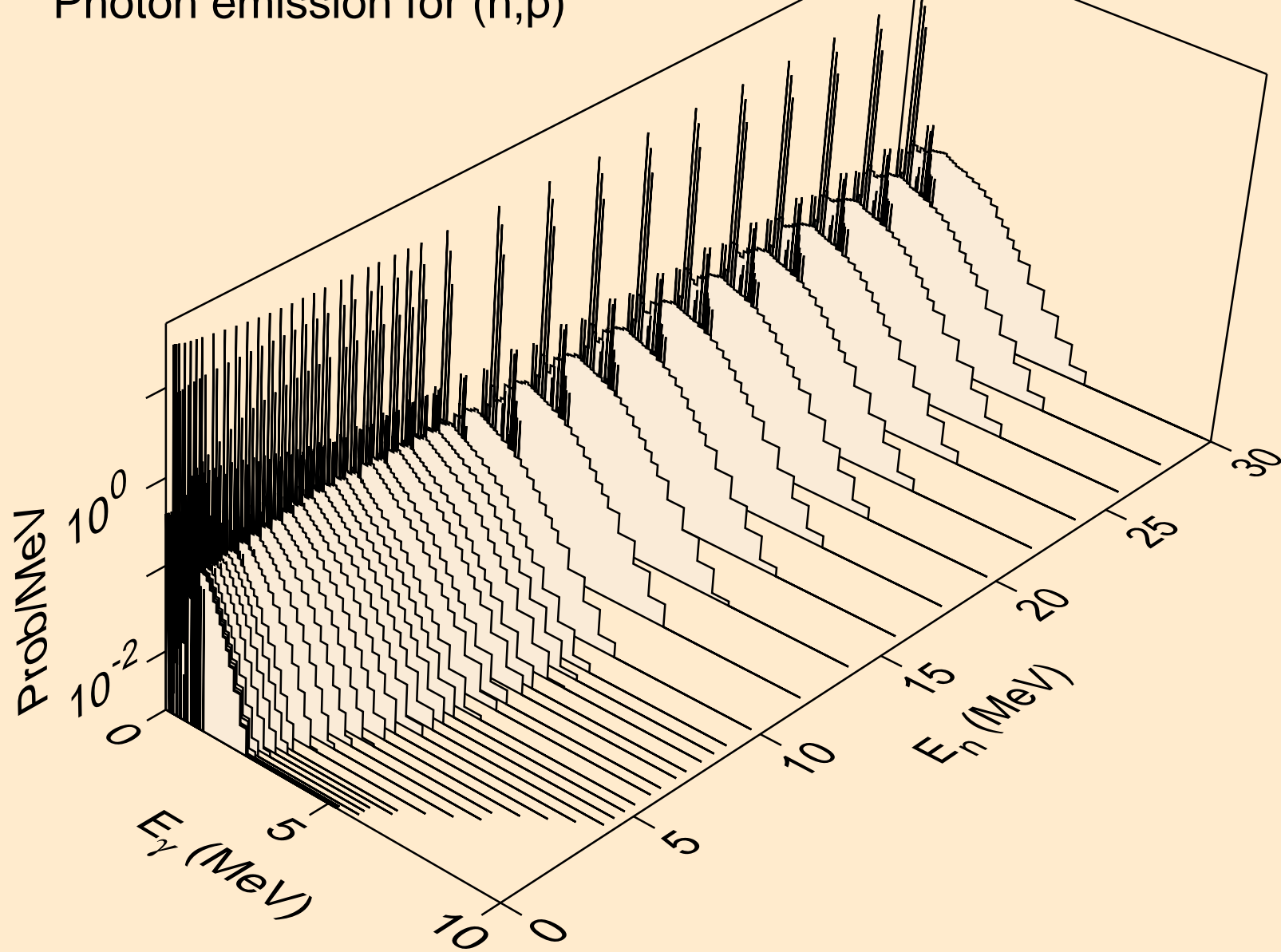
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Photon emission for (n,n\*c)



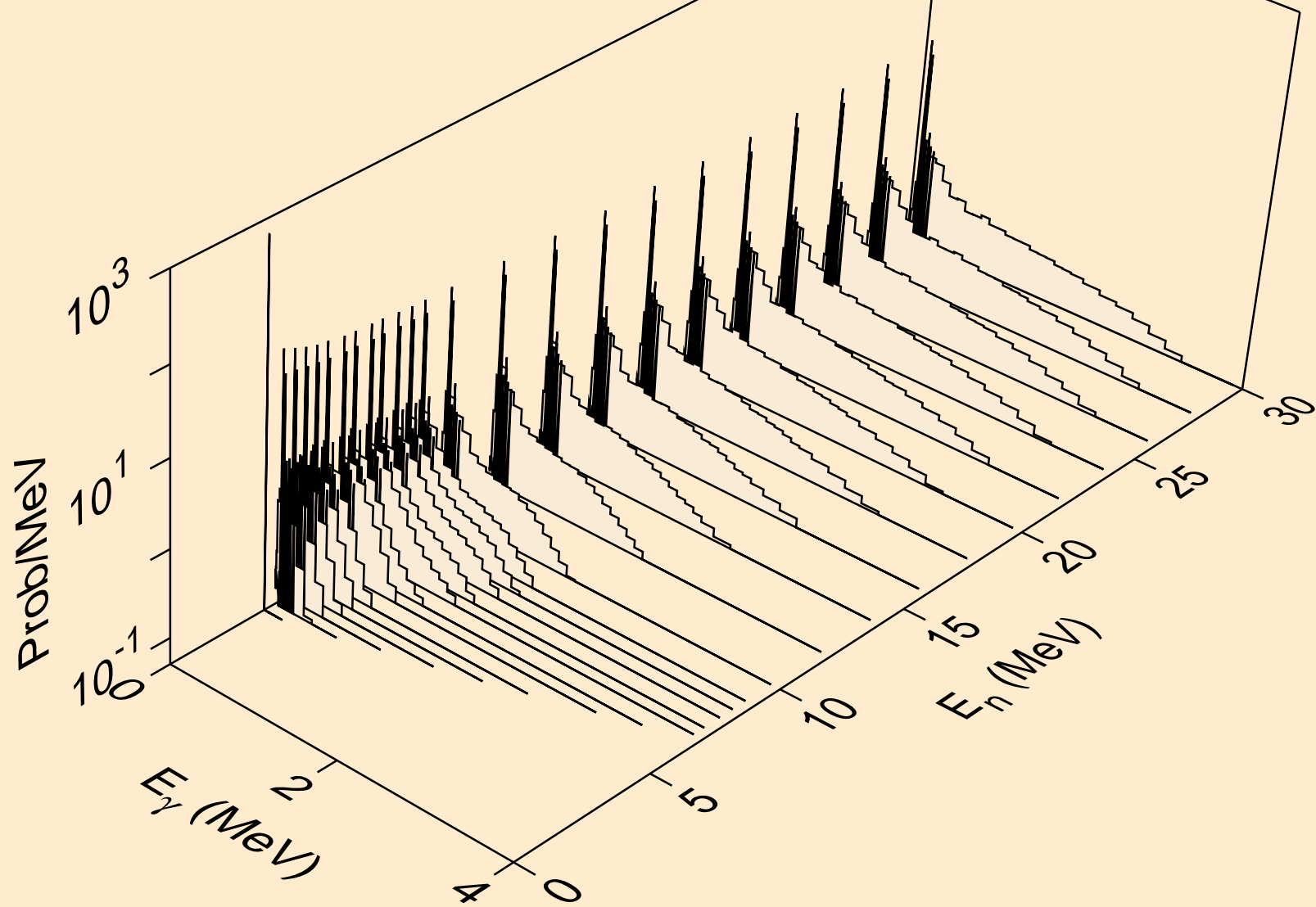
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Photon emission for (n,gma)



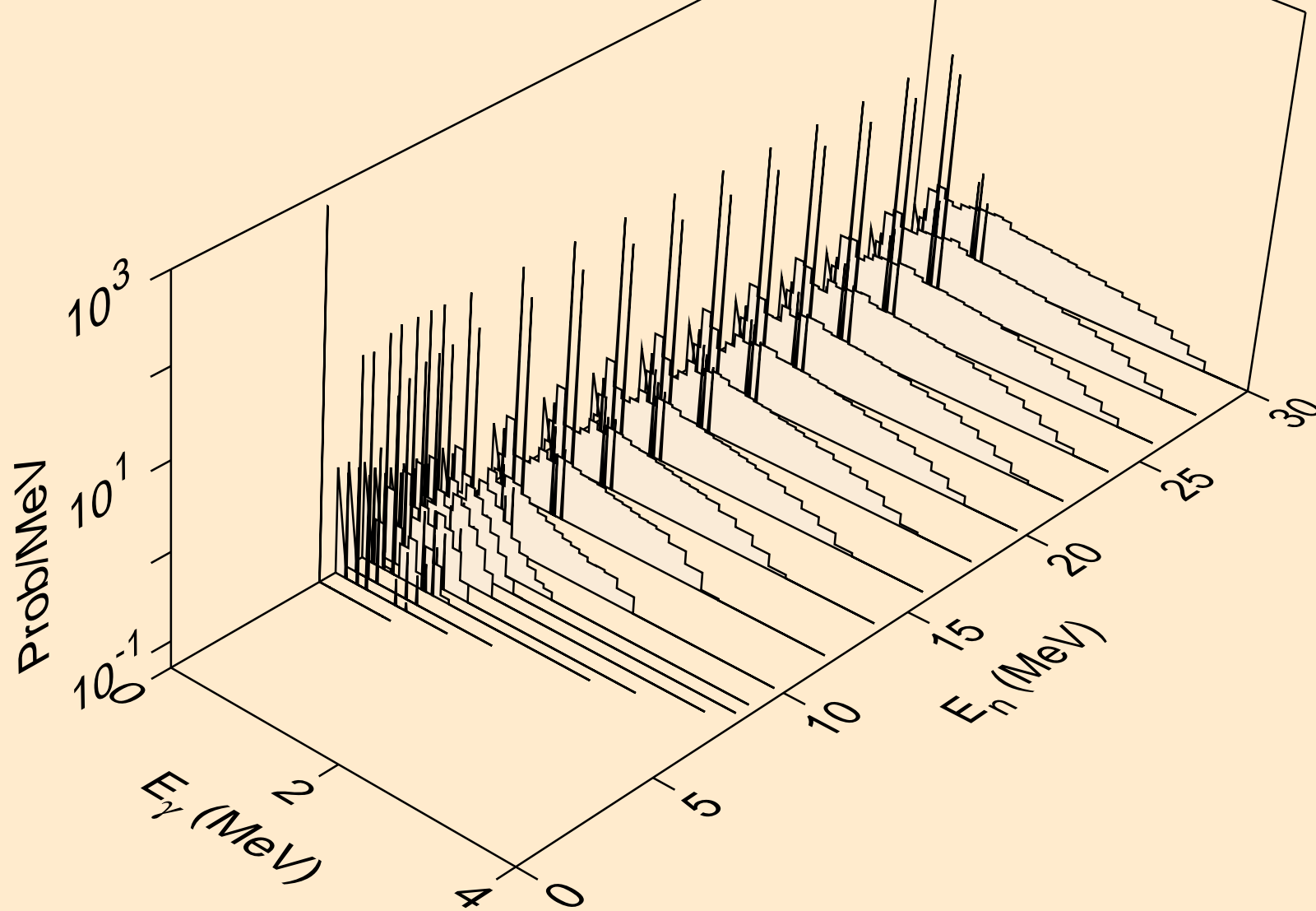
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Photon emission for (n,p)



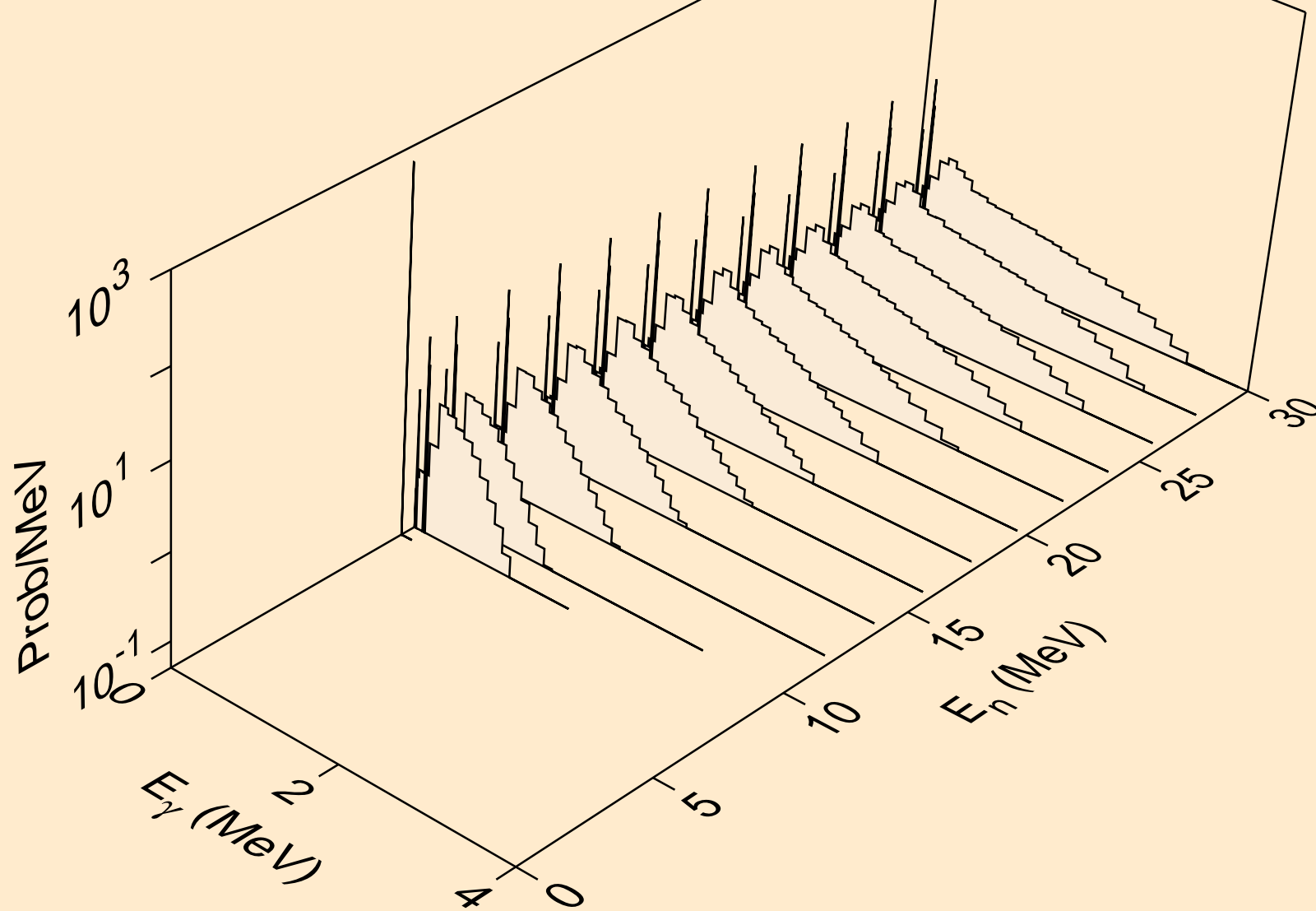
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Photon emission for (n,d)



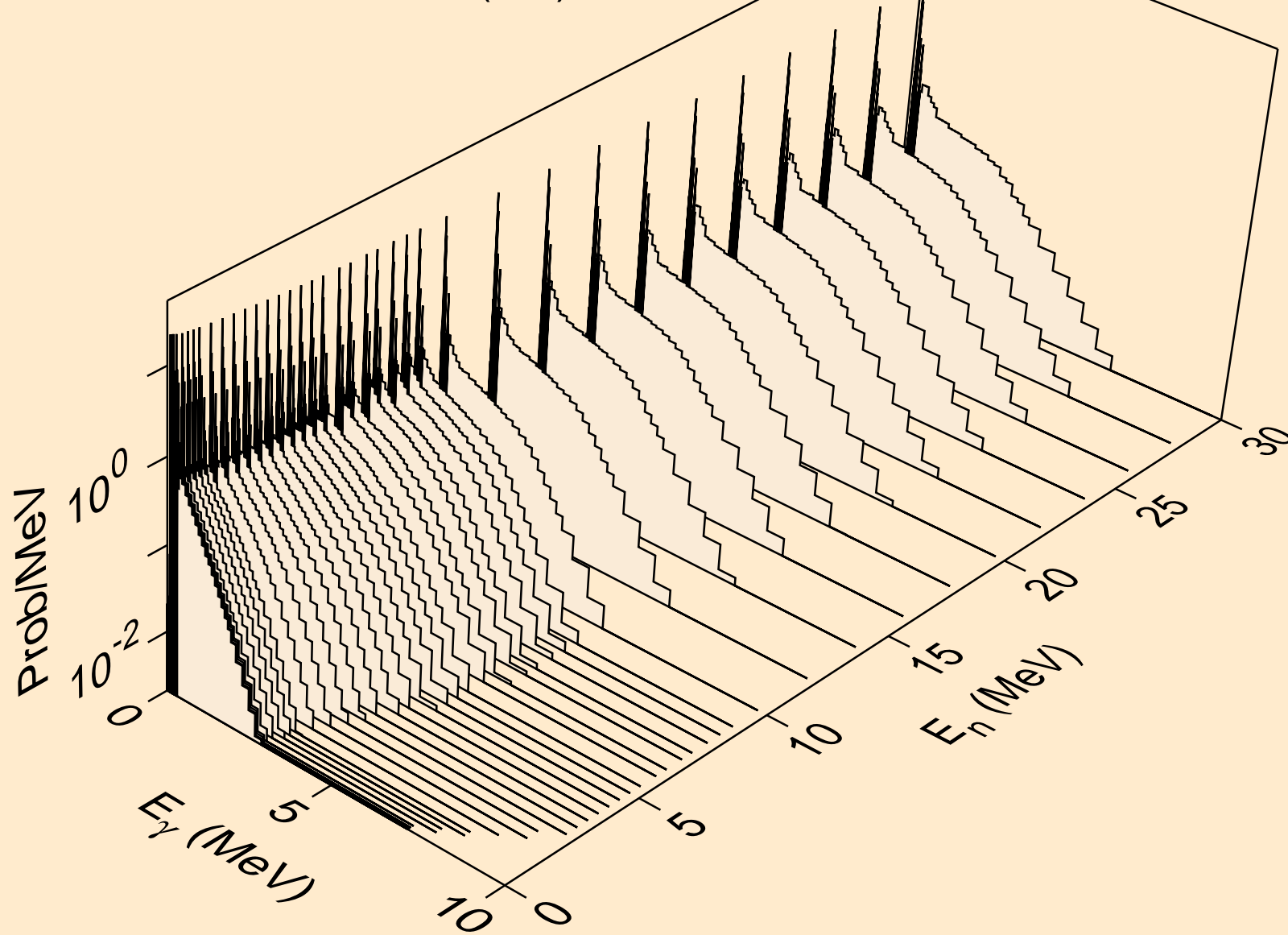
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Photon emission for (n,t)



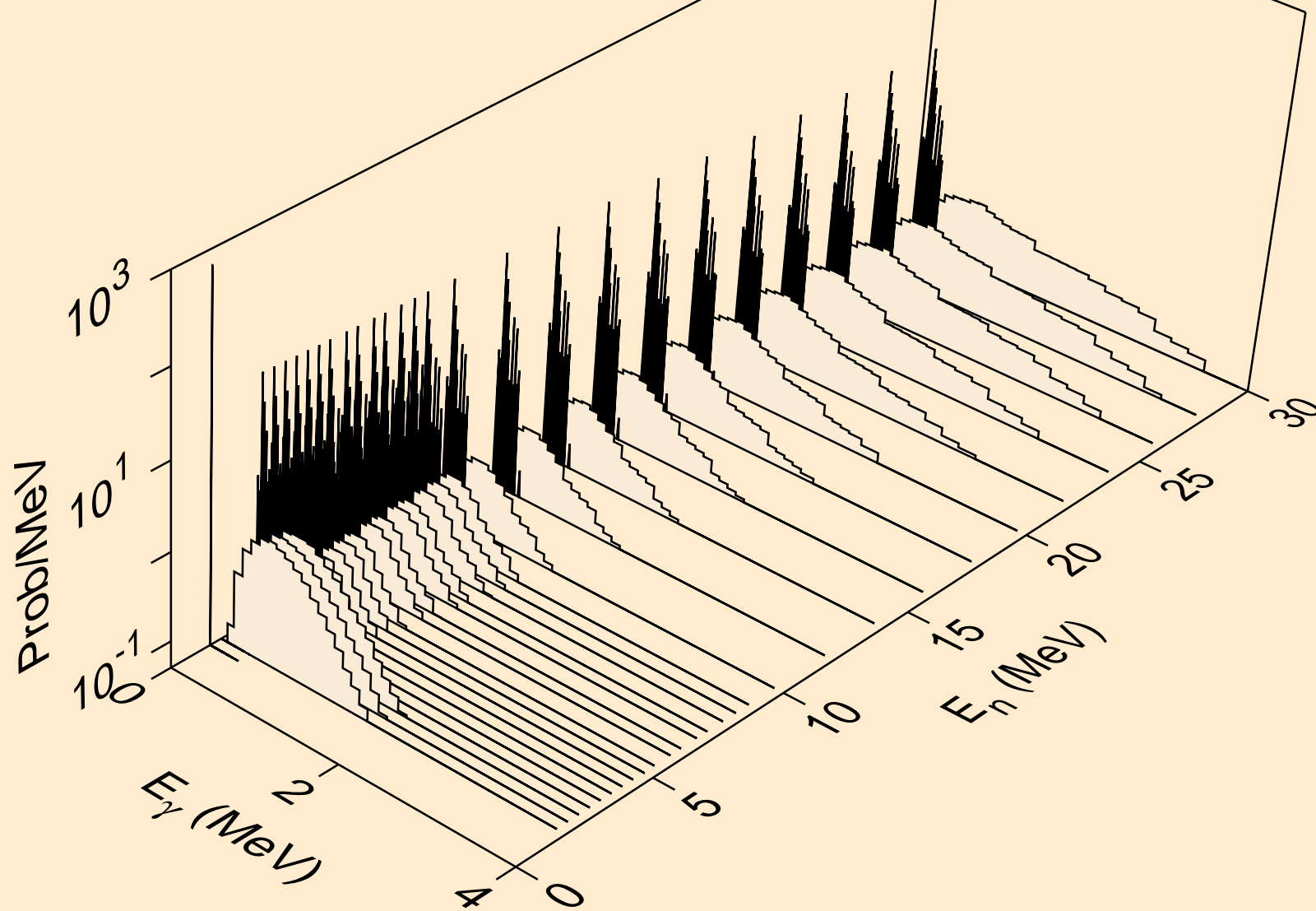
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

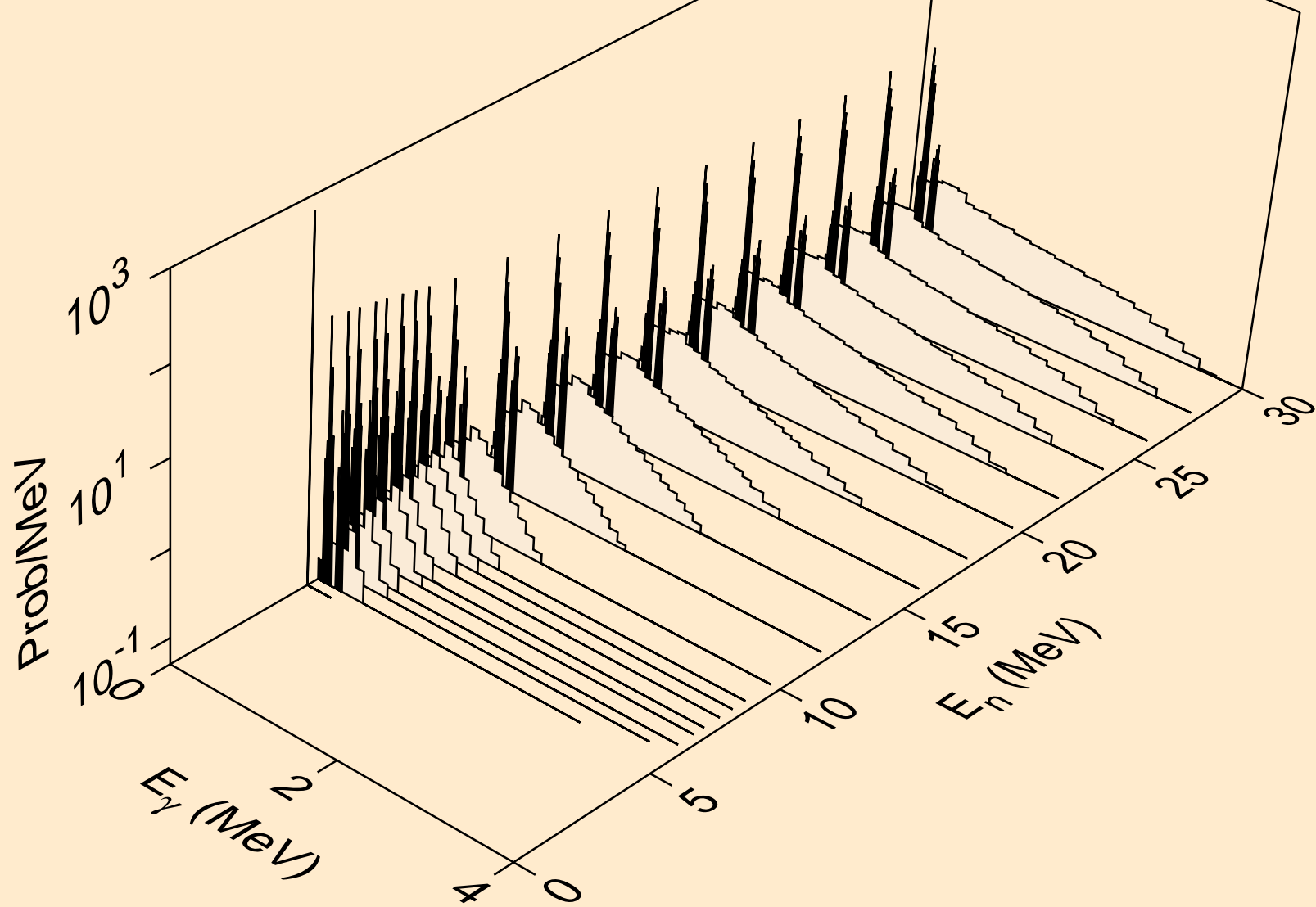


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Photon emission for (n,2a)

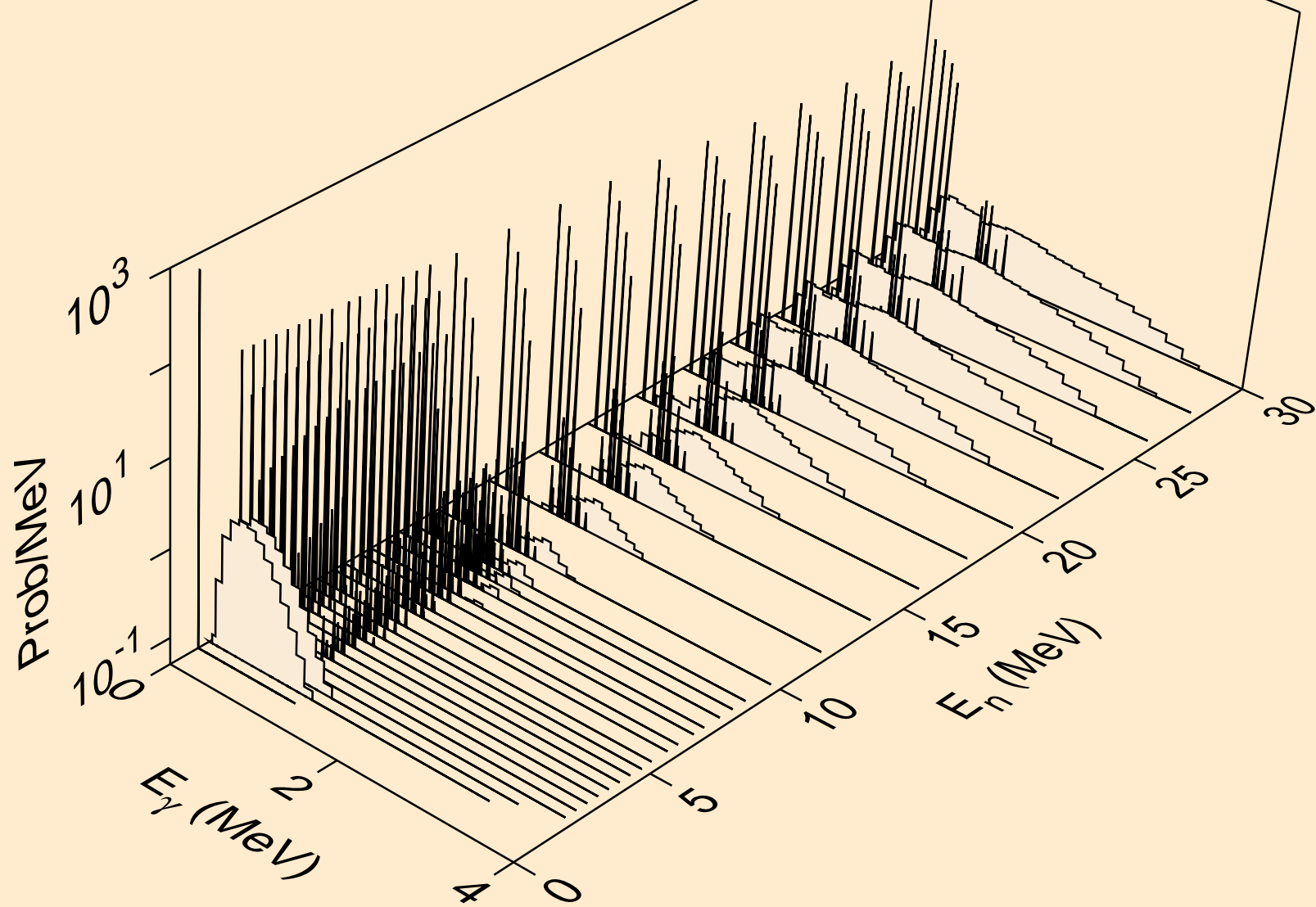




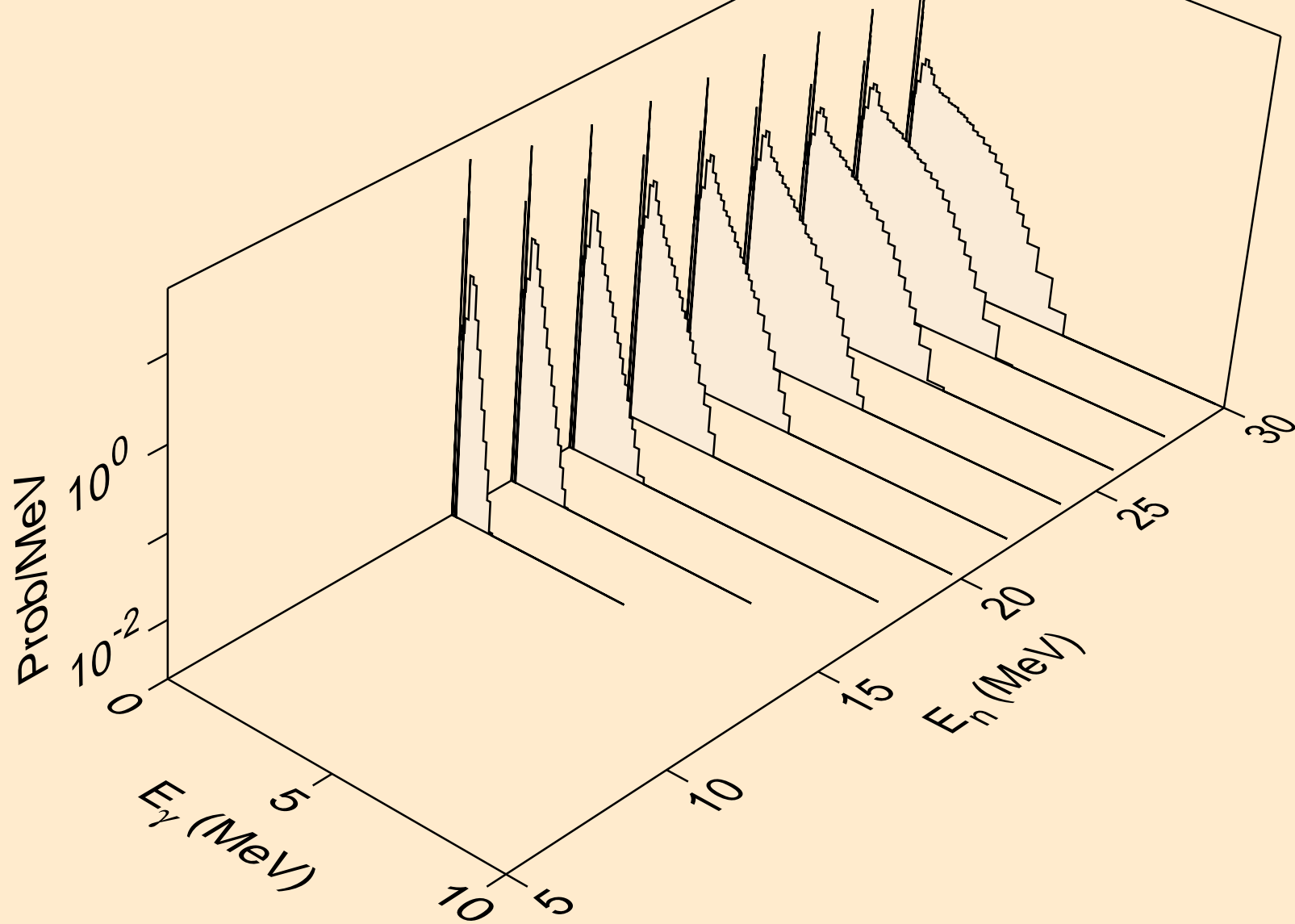
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Photon emission for (n,2p)



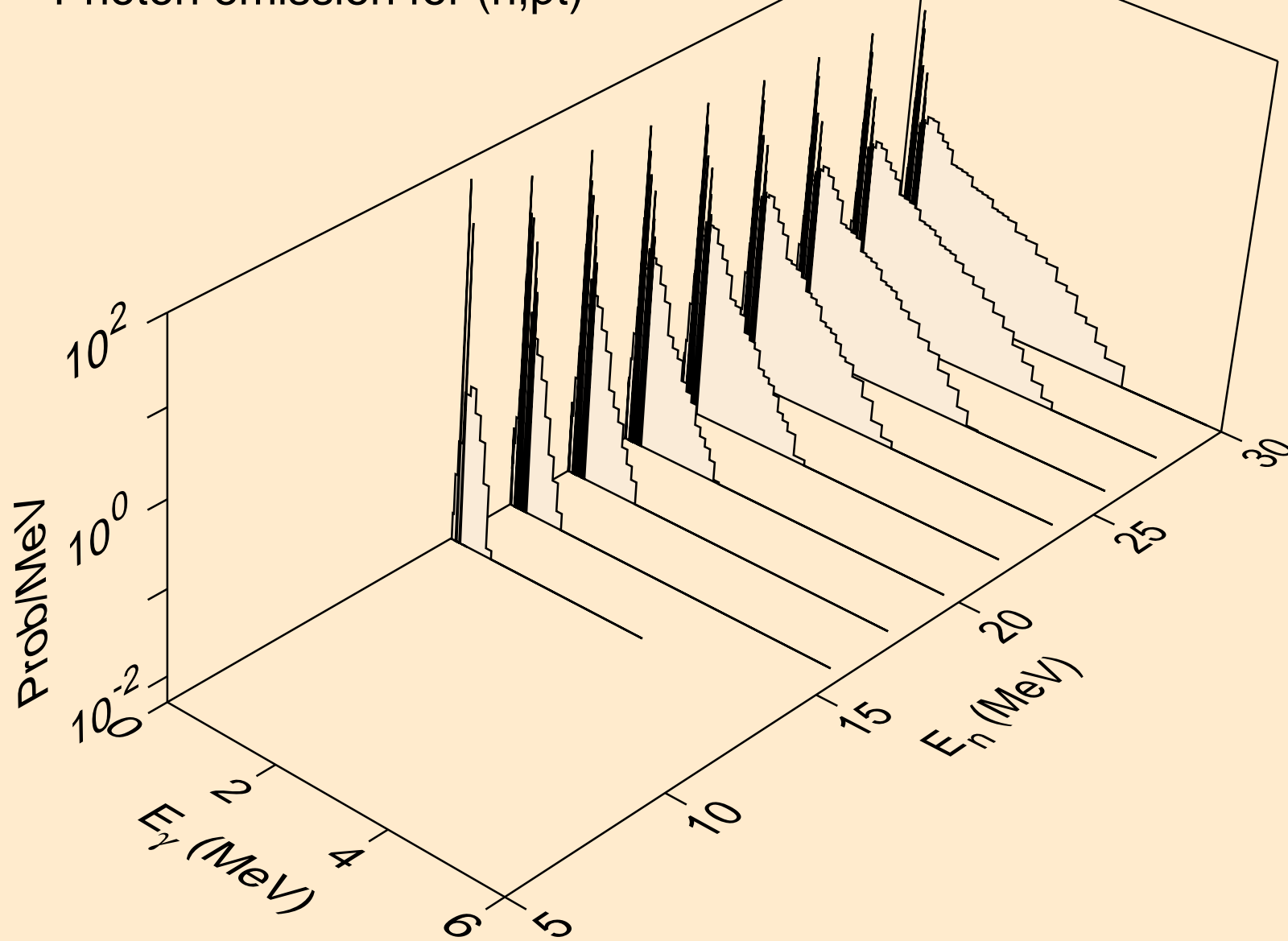
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Photon emission for (n,p)



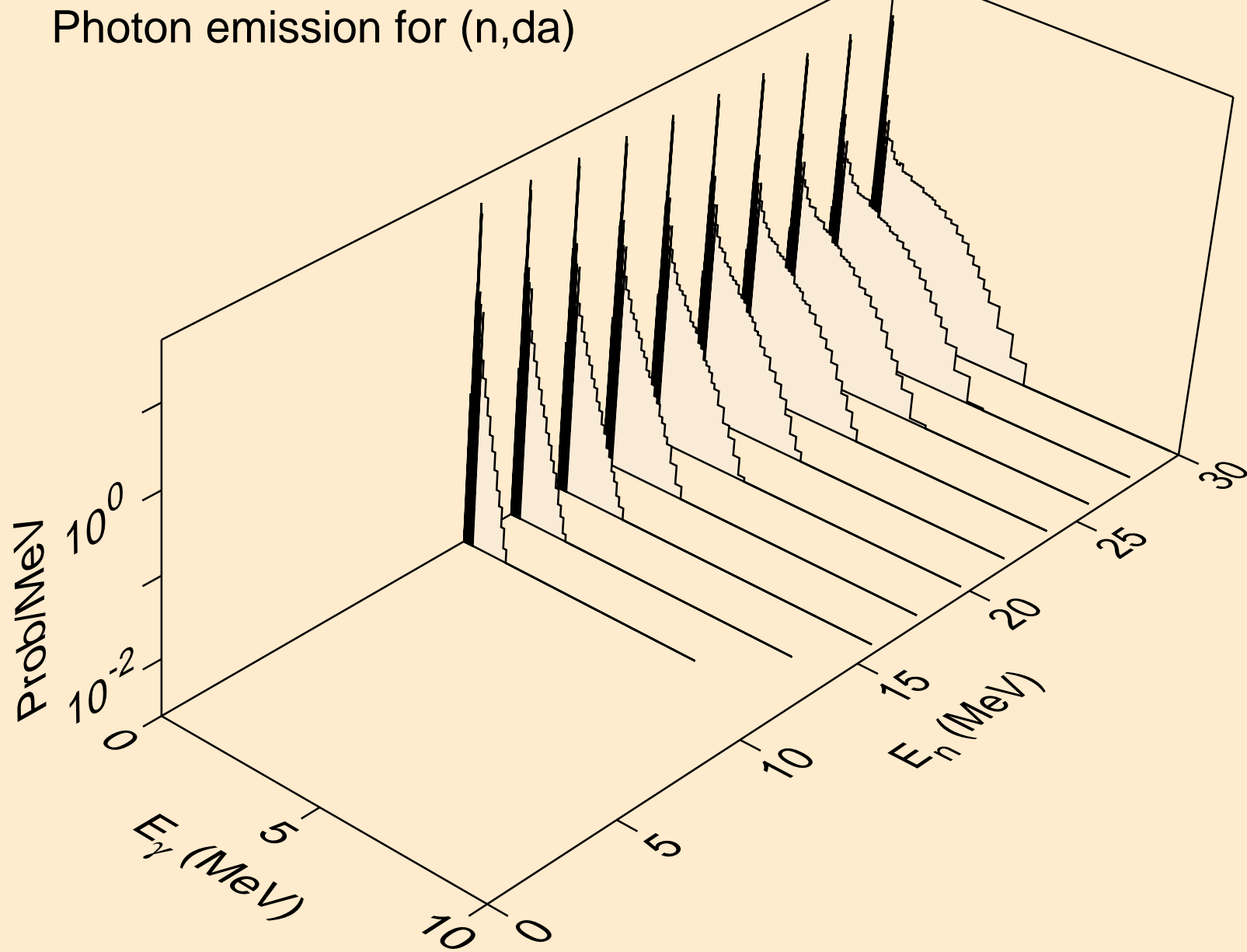
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Photon emission for (n,pd)



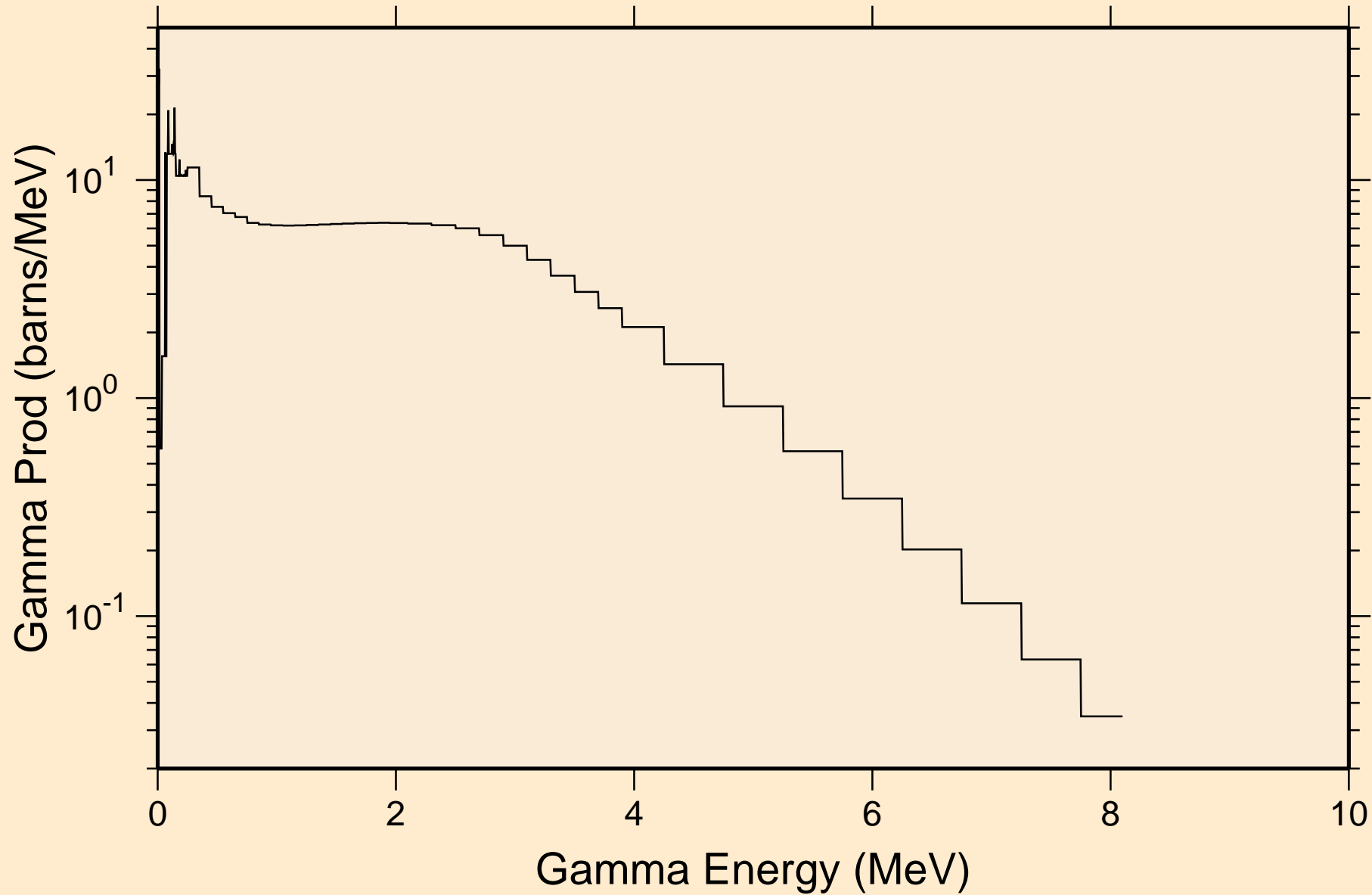
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Photon emission for (n,pt)



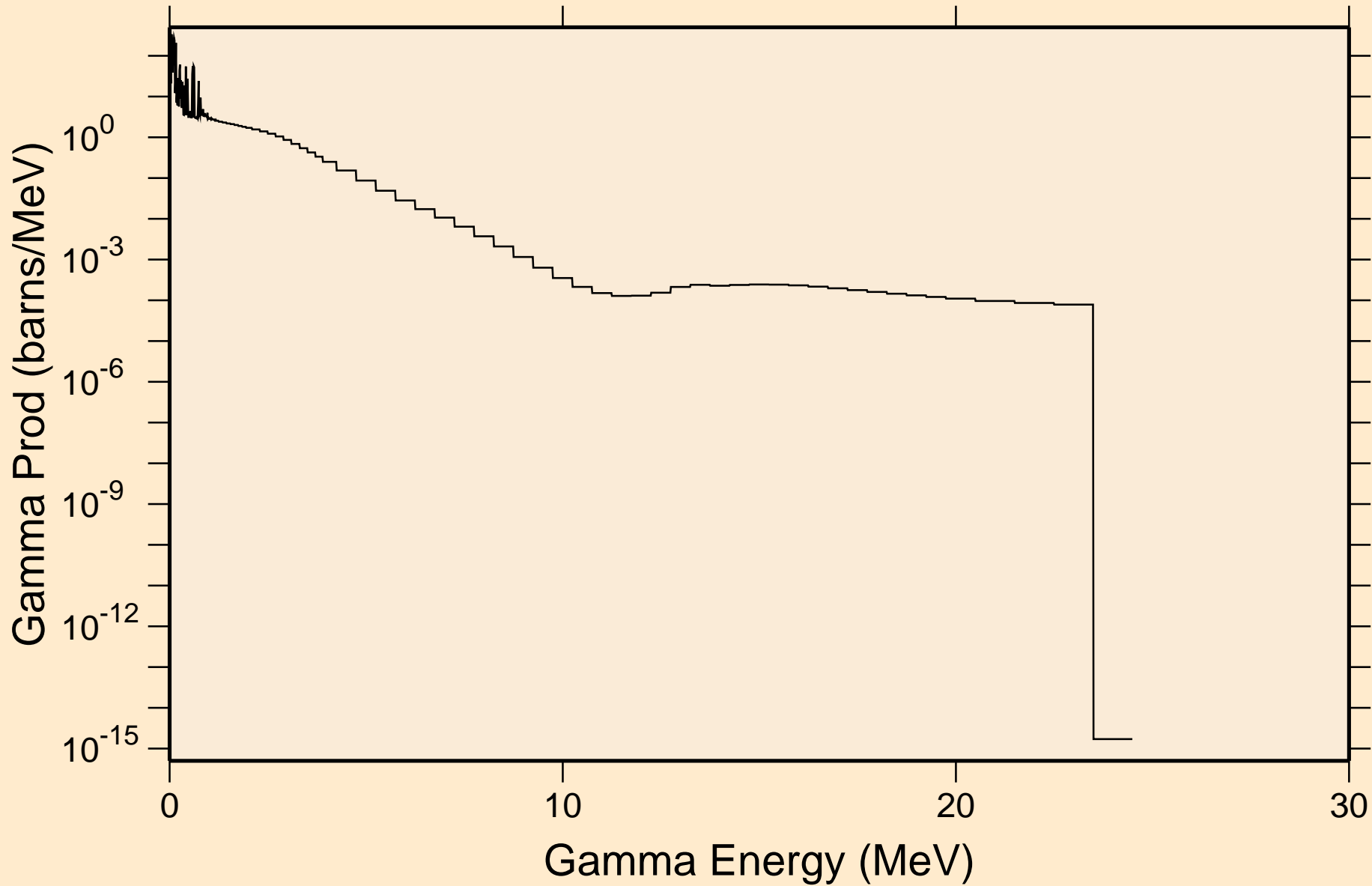
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

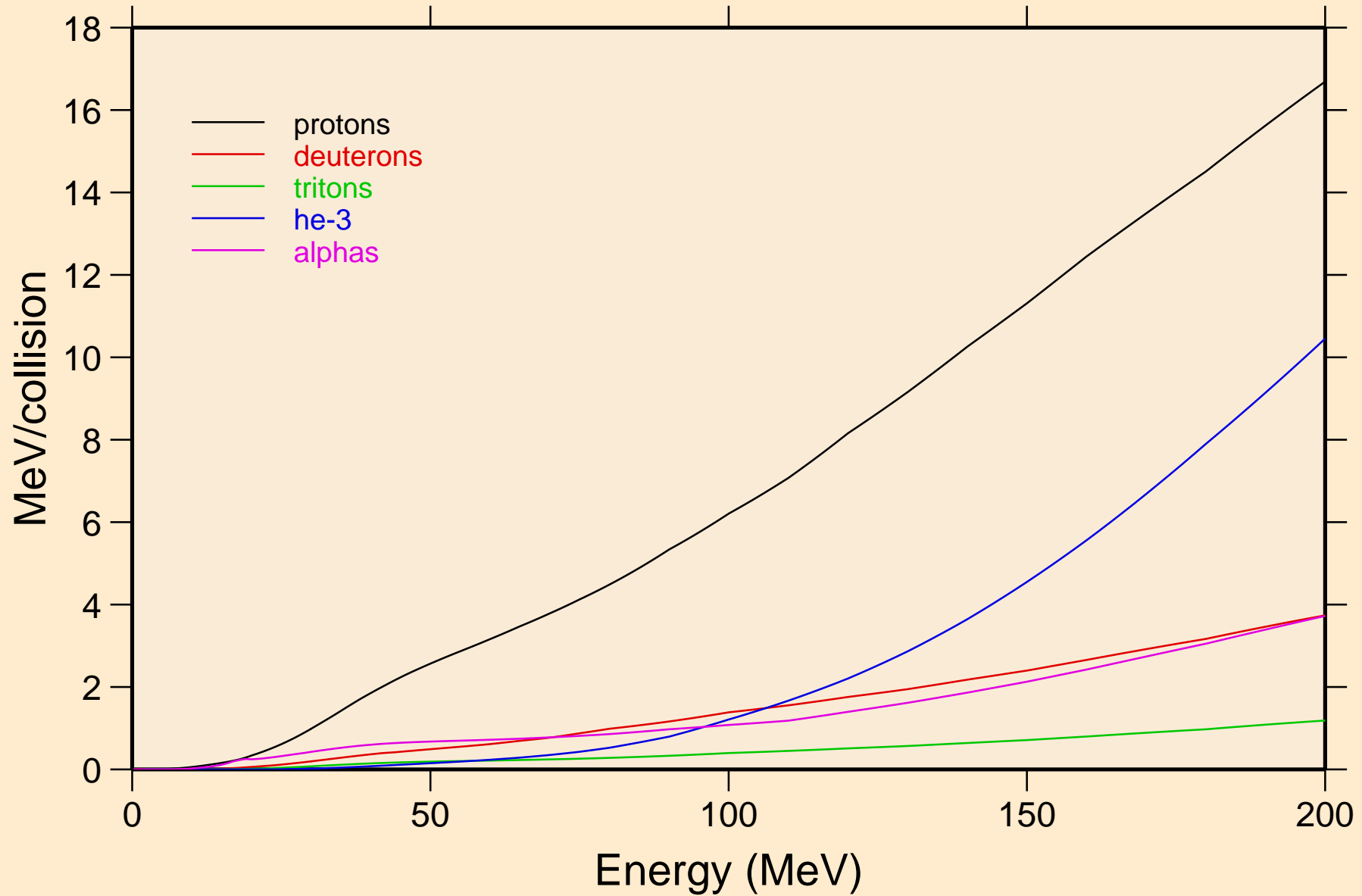


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14 MeV photon spectrum



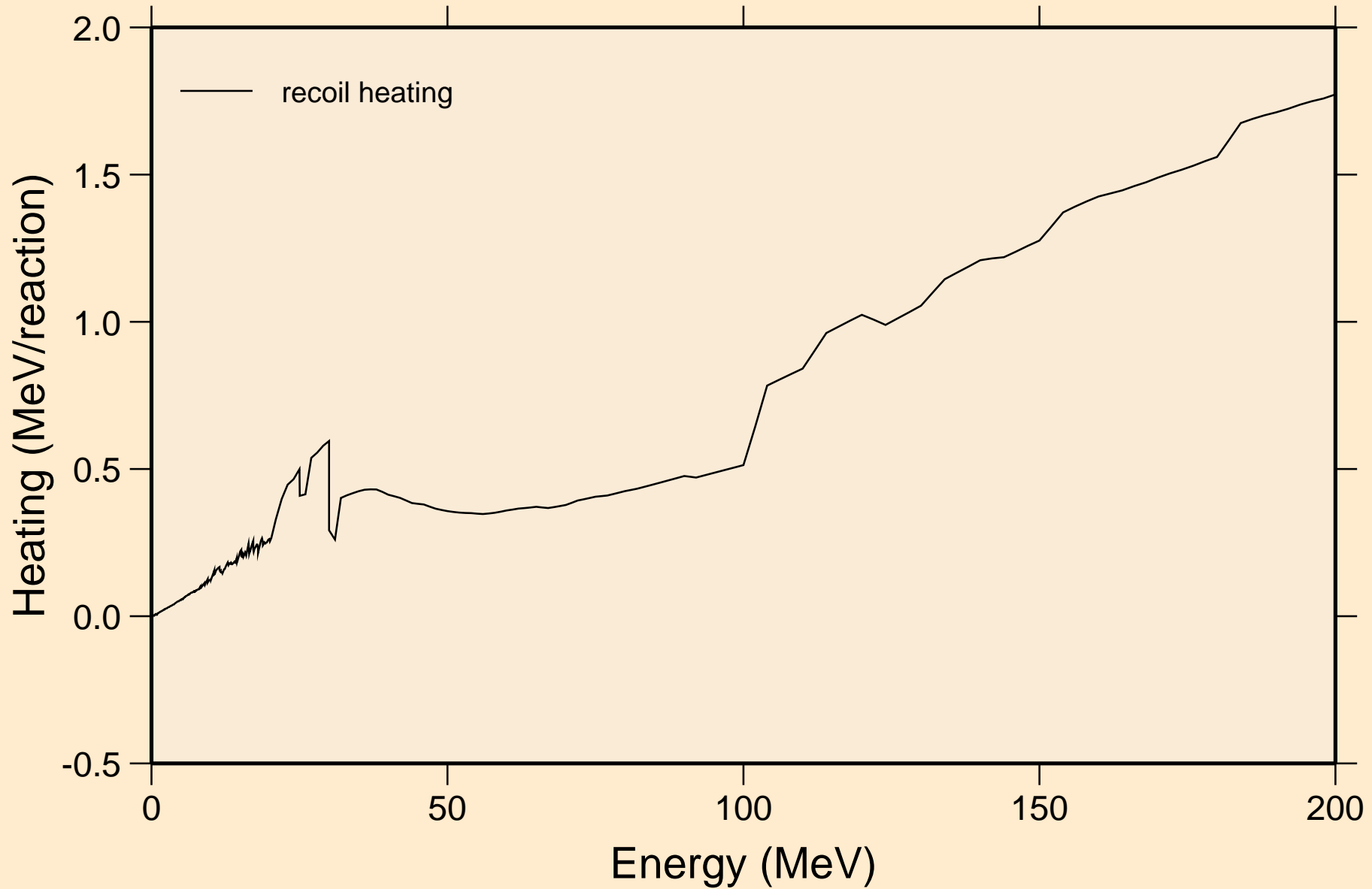
# TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

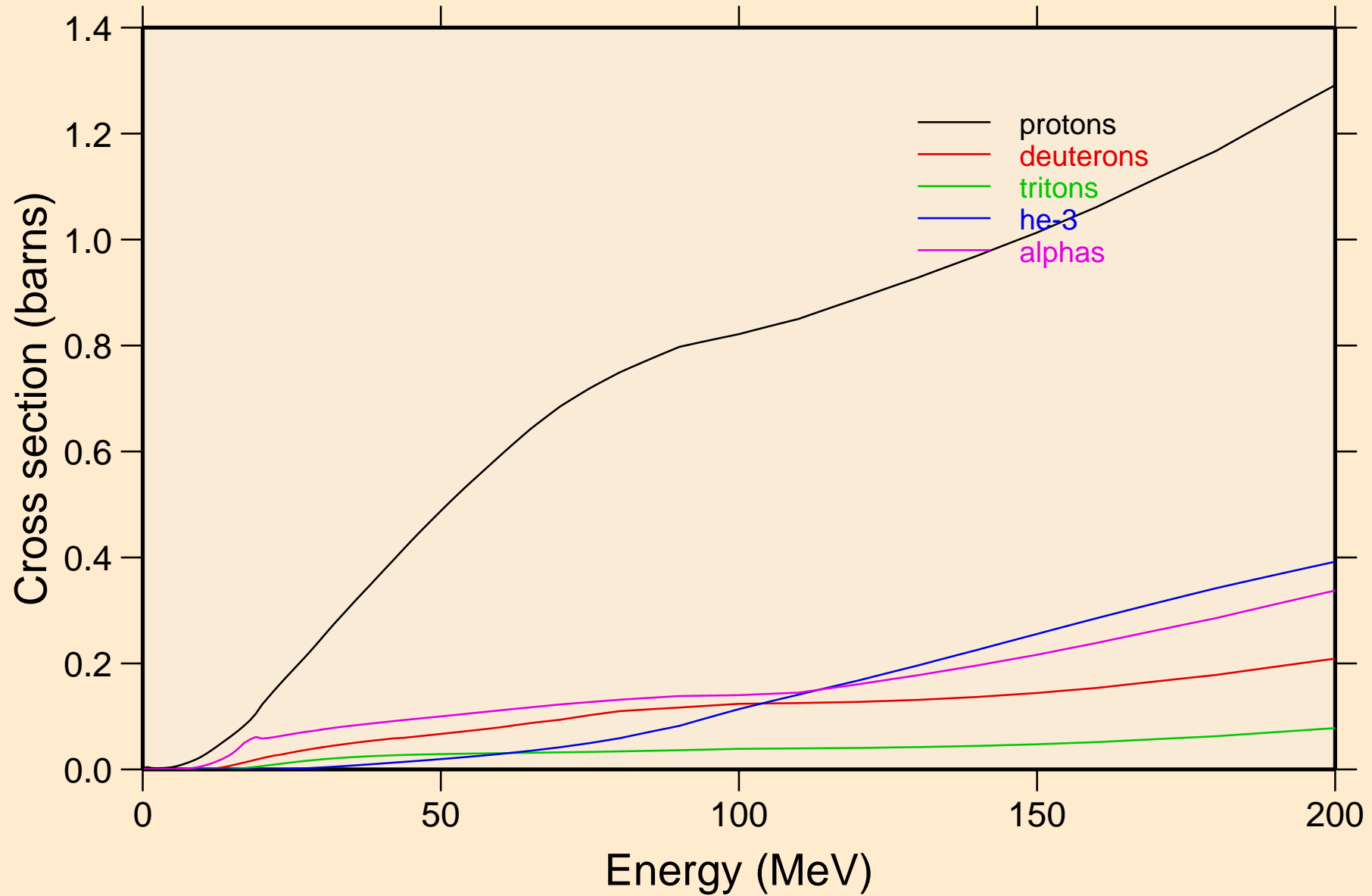




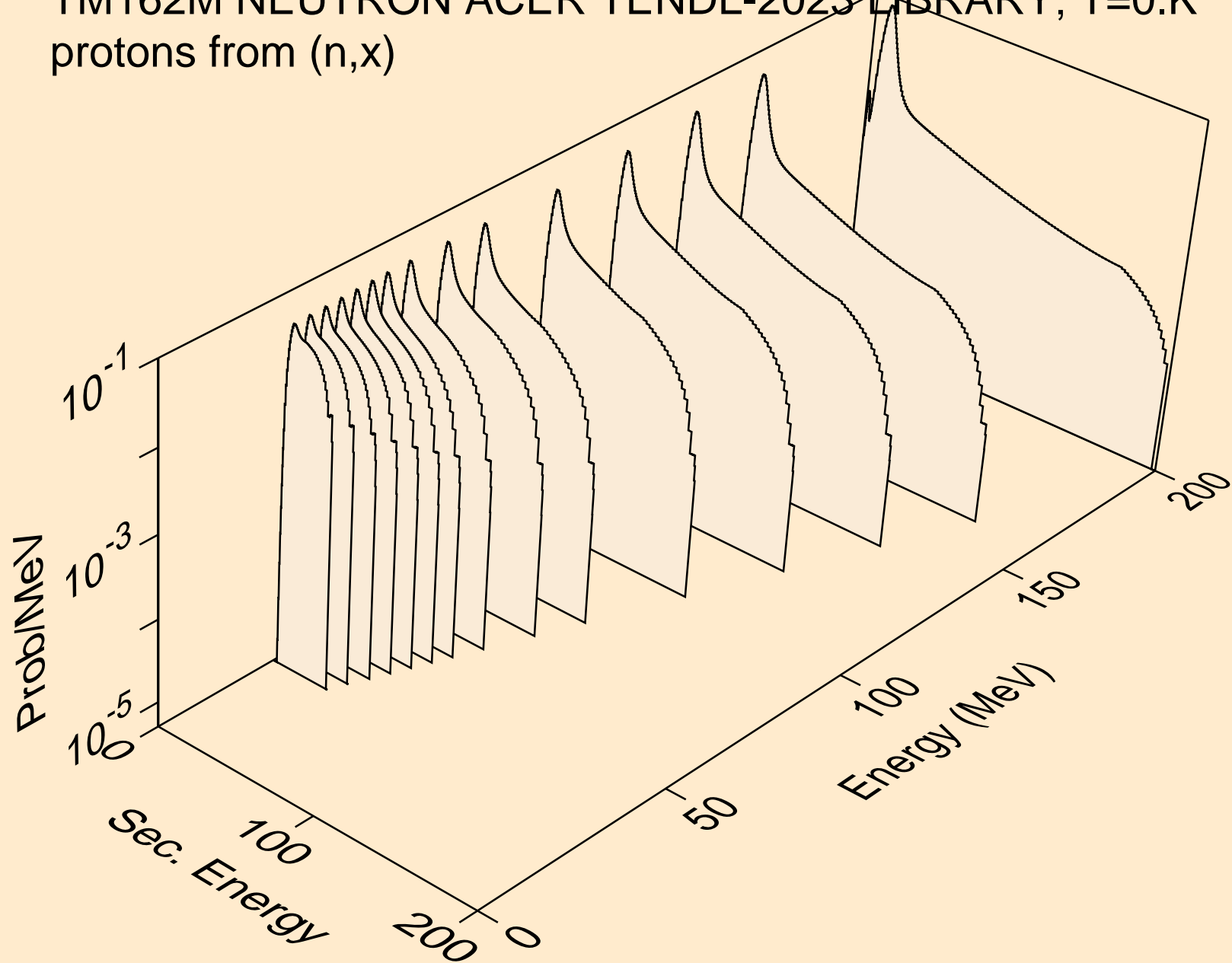
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Recoil Heating



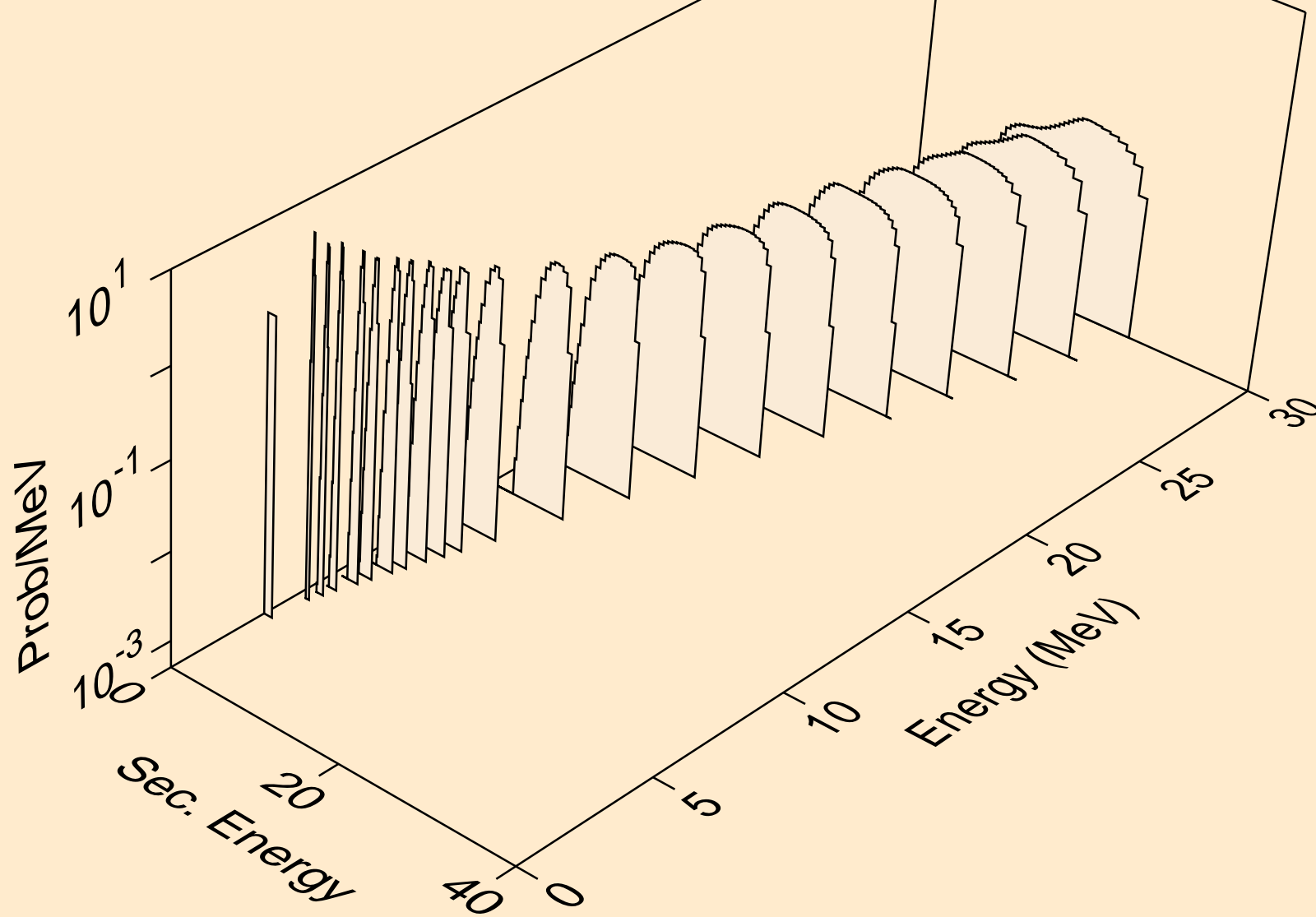
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Particle production cross sections



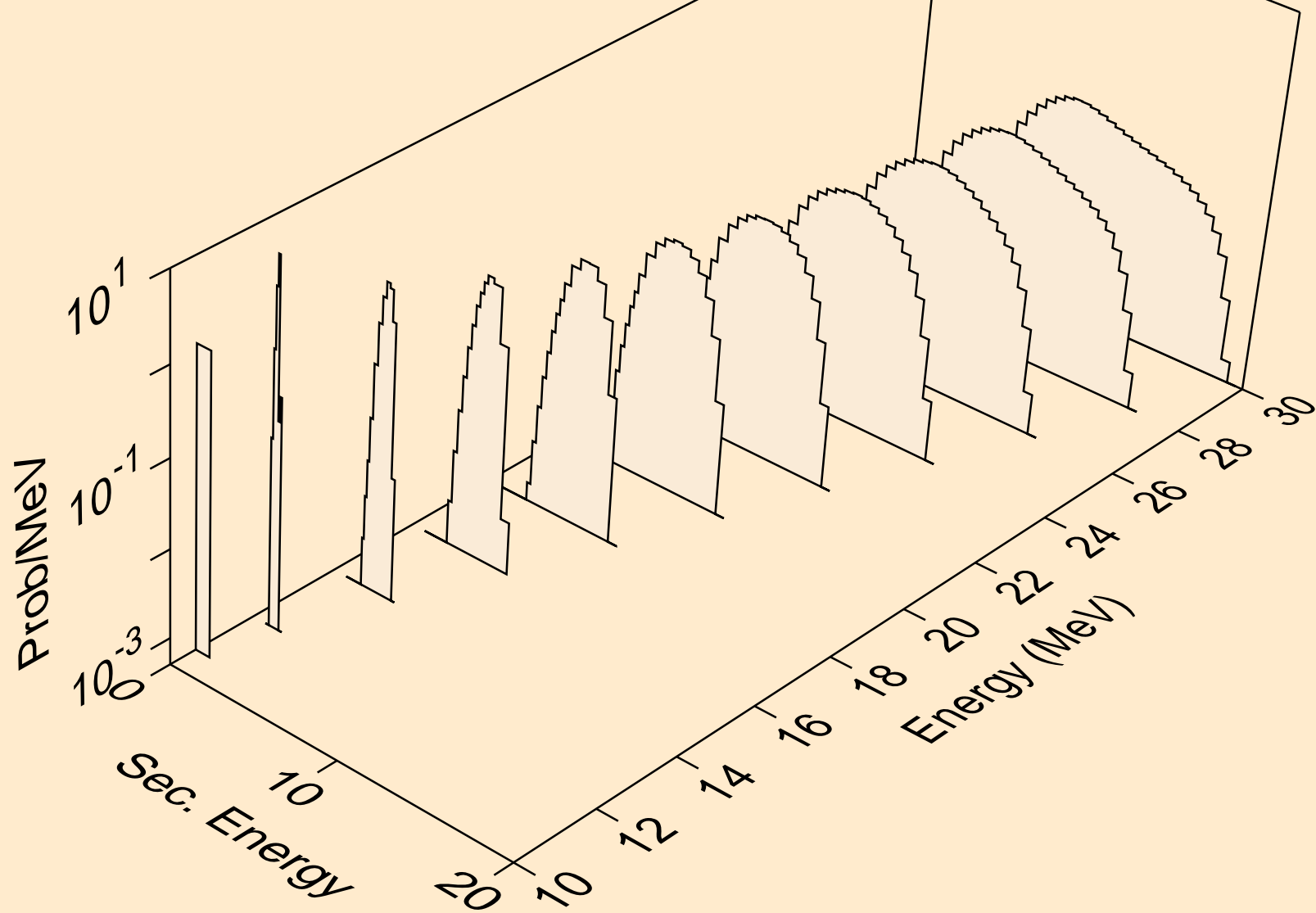
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protons from (n,x)



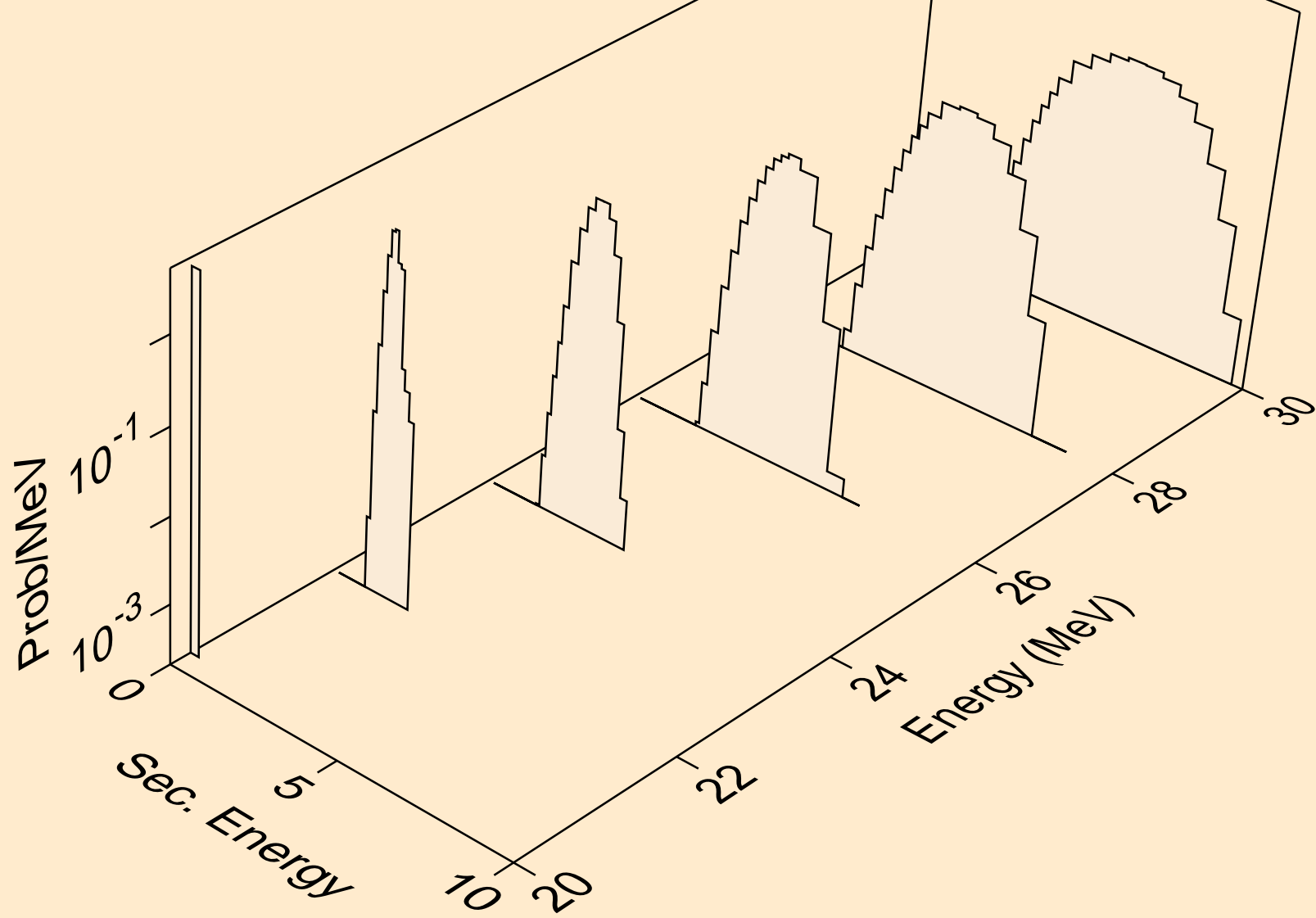
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protons from (n,n\*)p



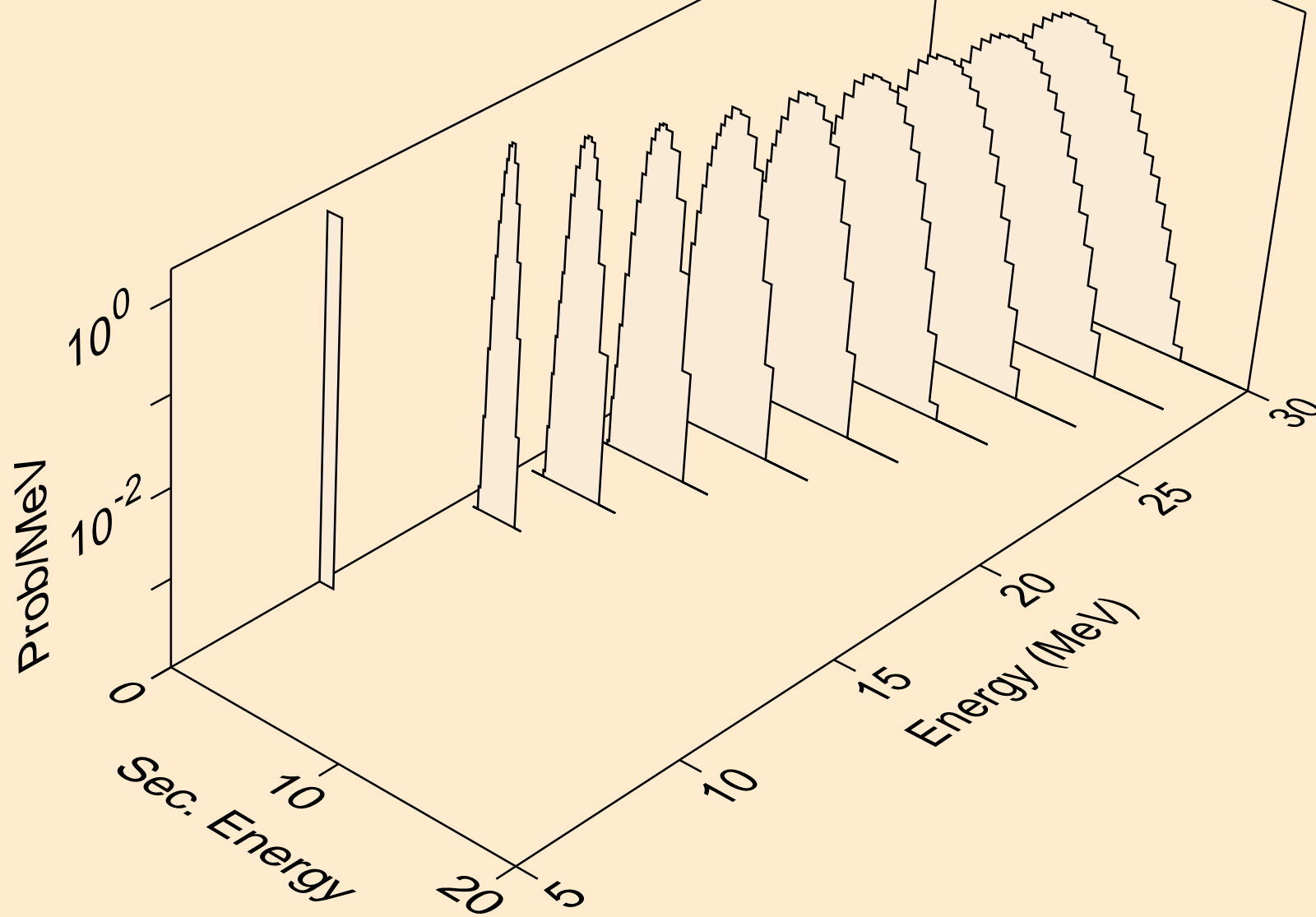
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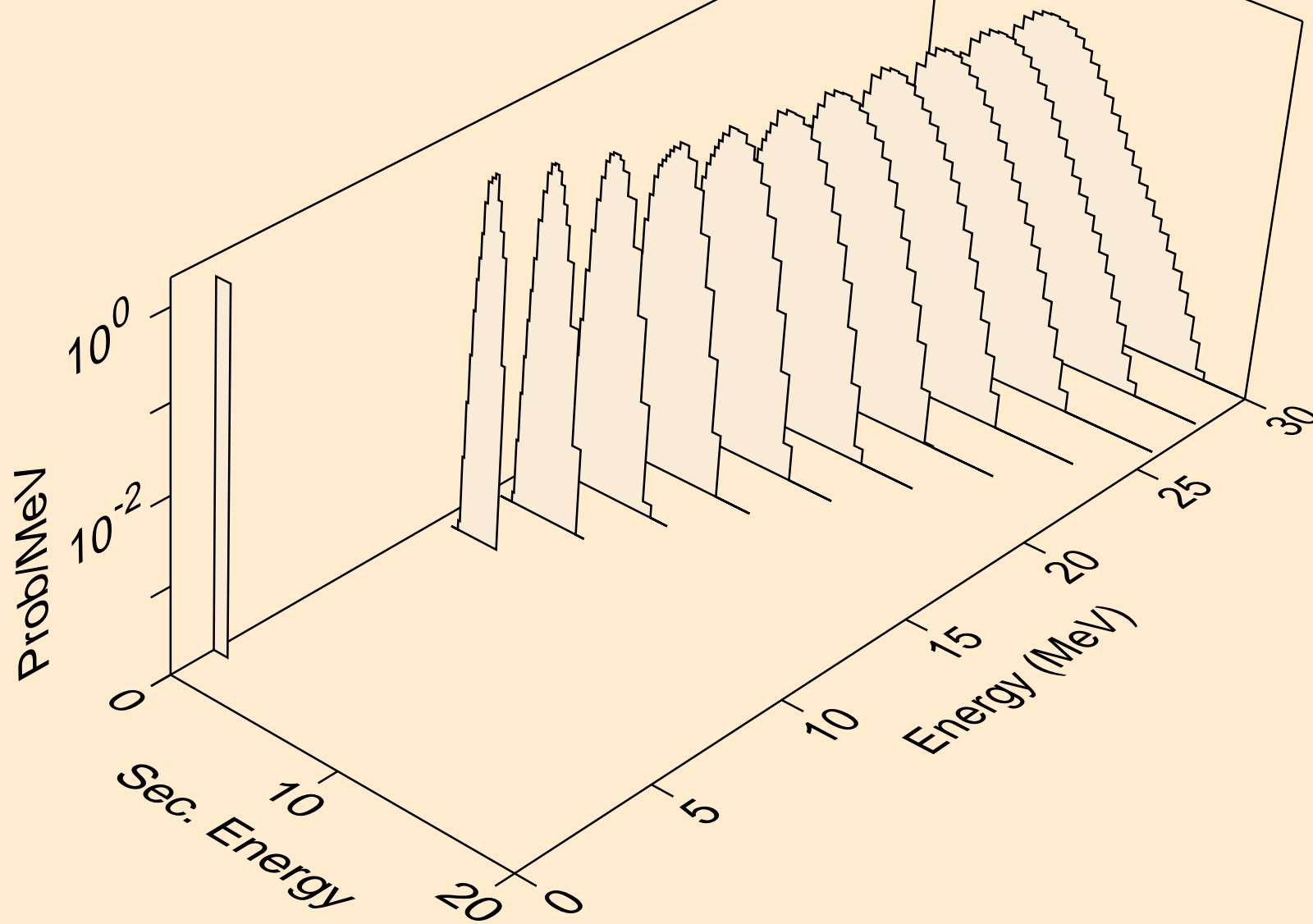
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protons from (n,3np)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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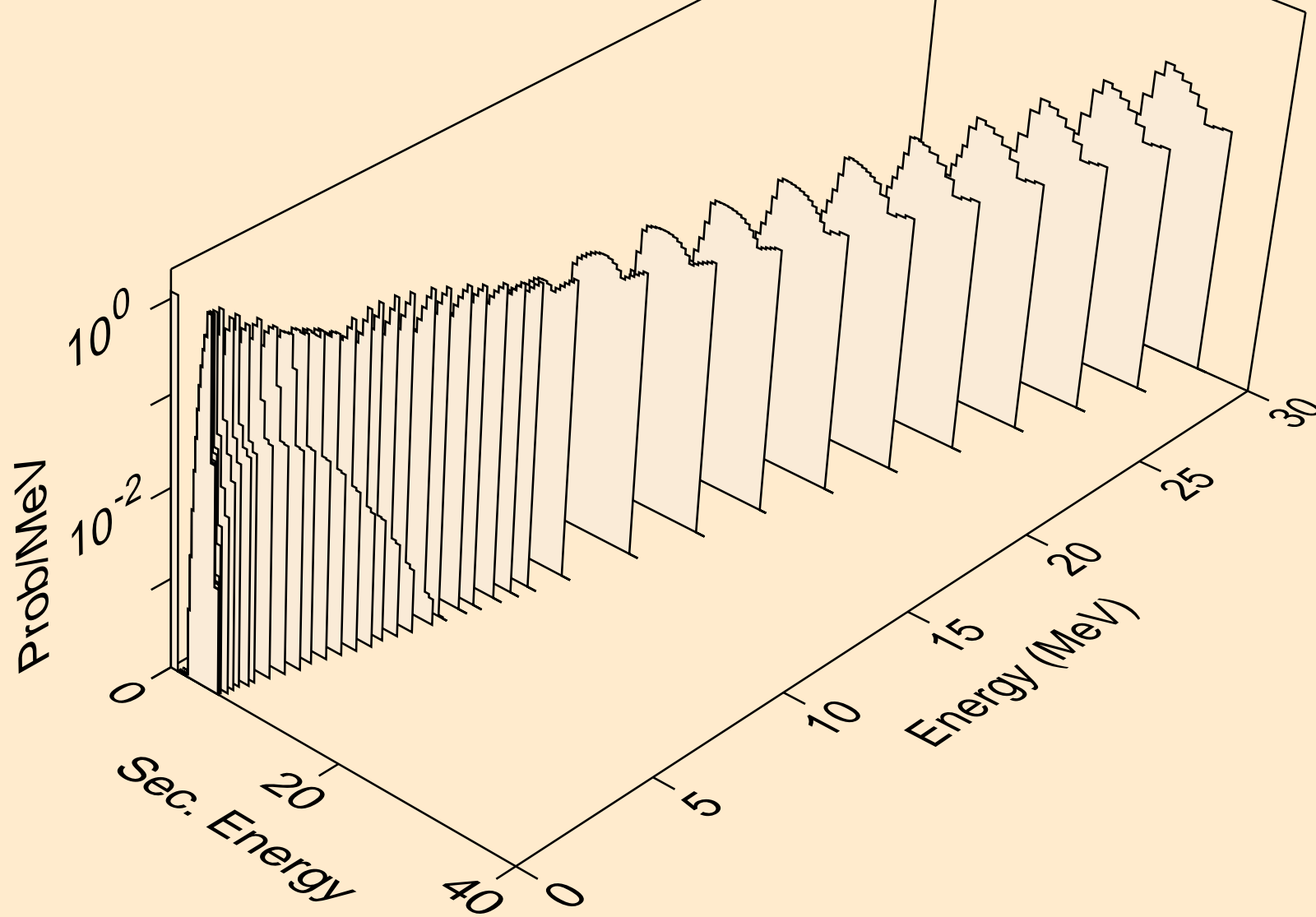


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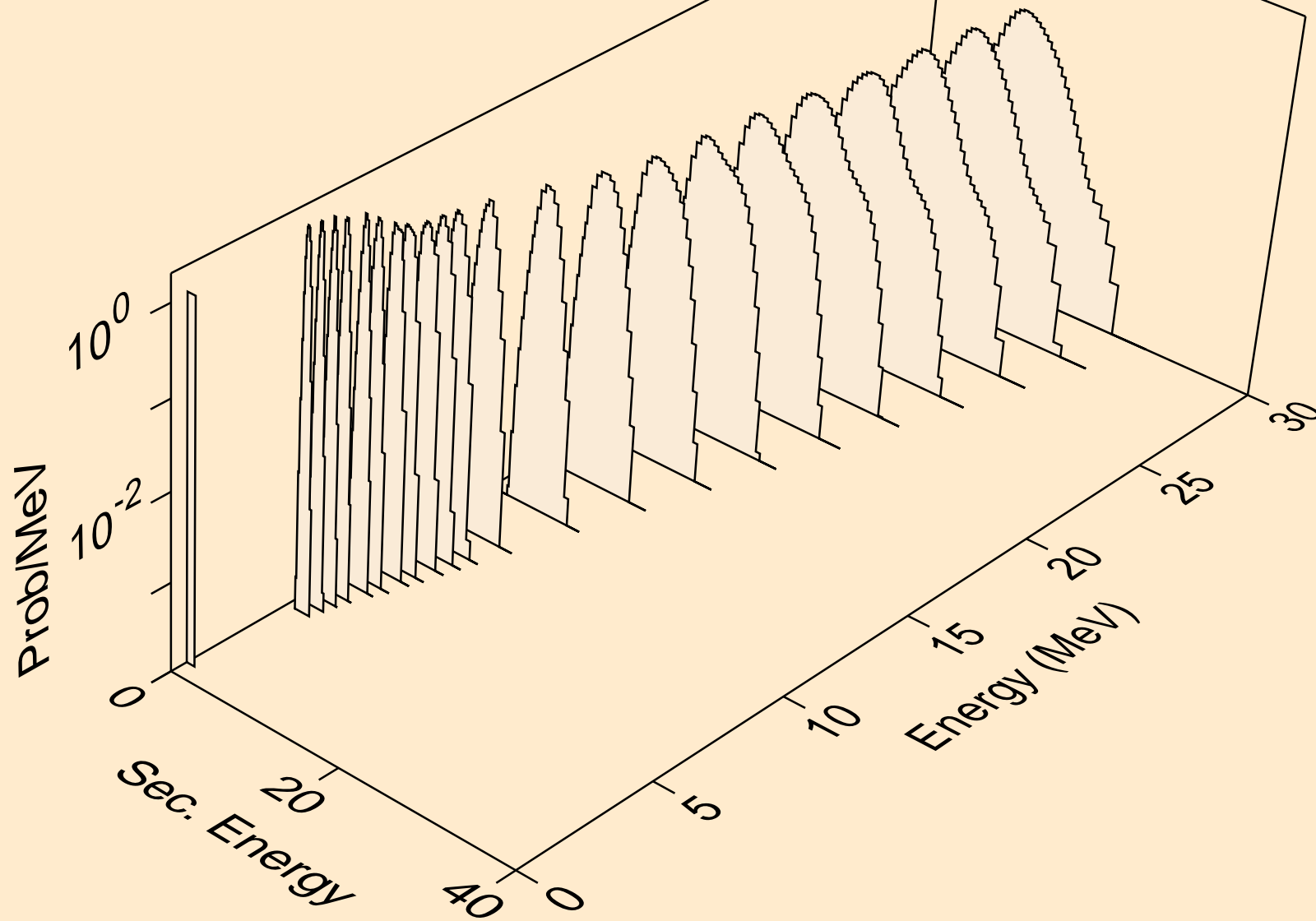




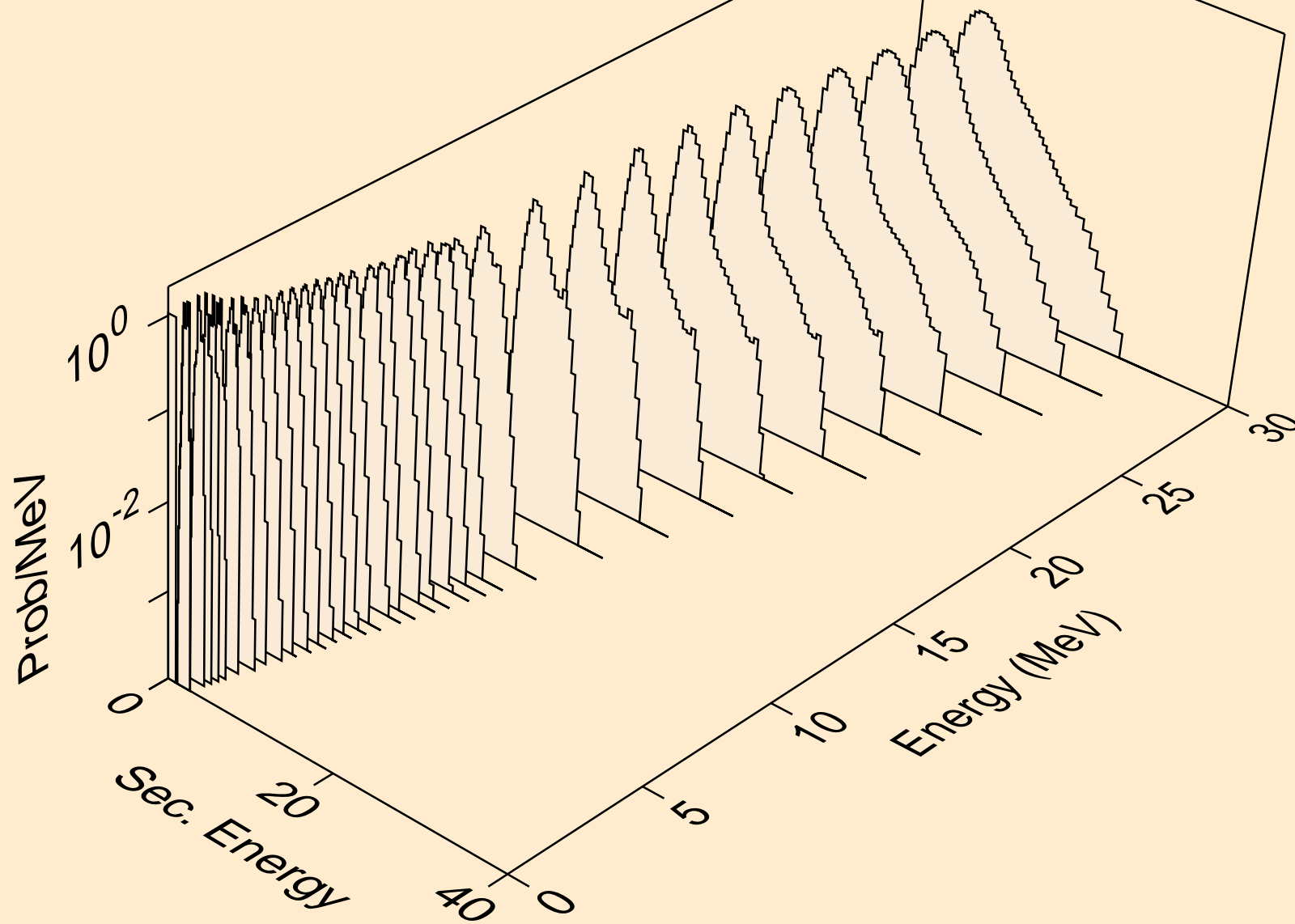
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protons from (n,p)



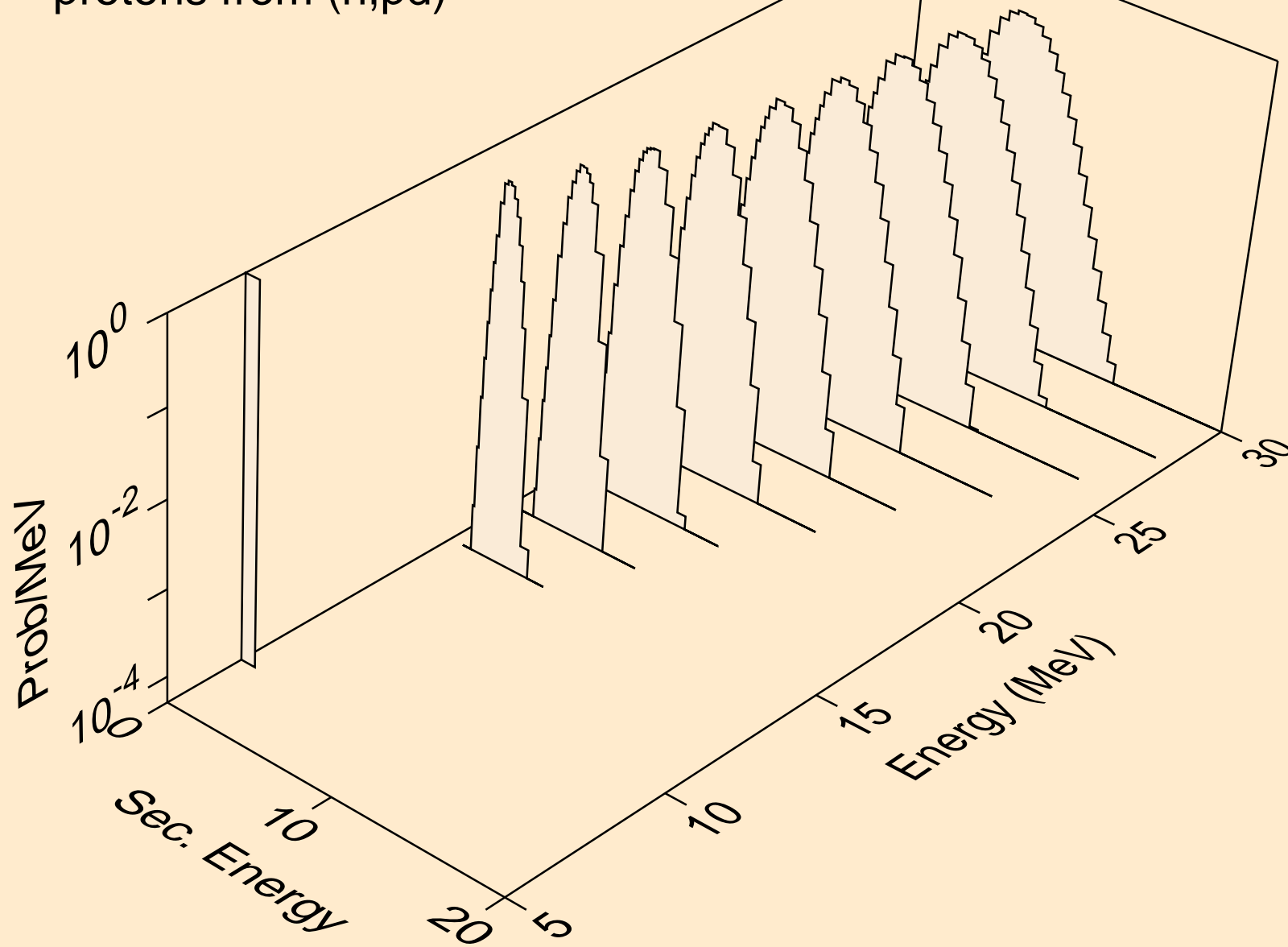
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protons from (n,2p)



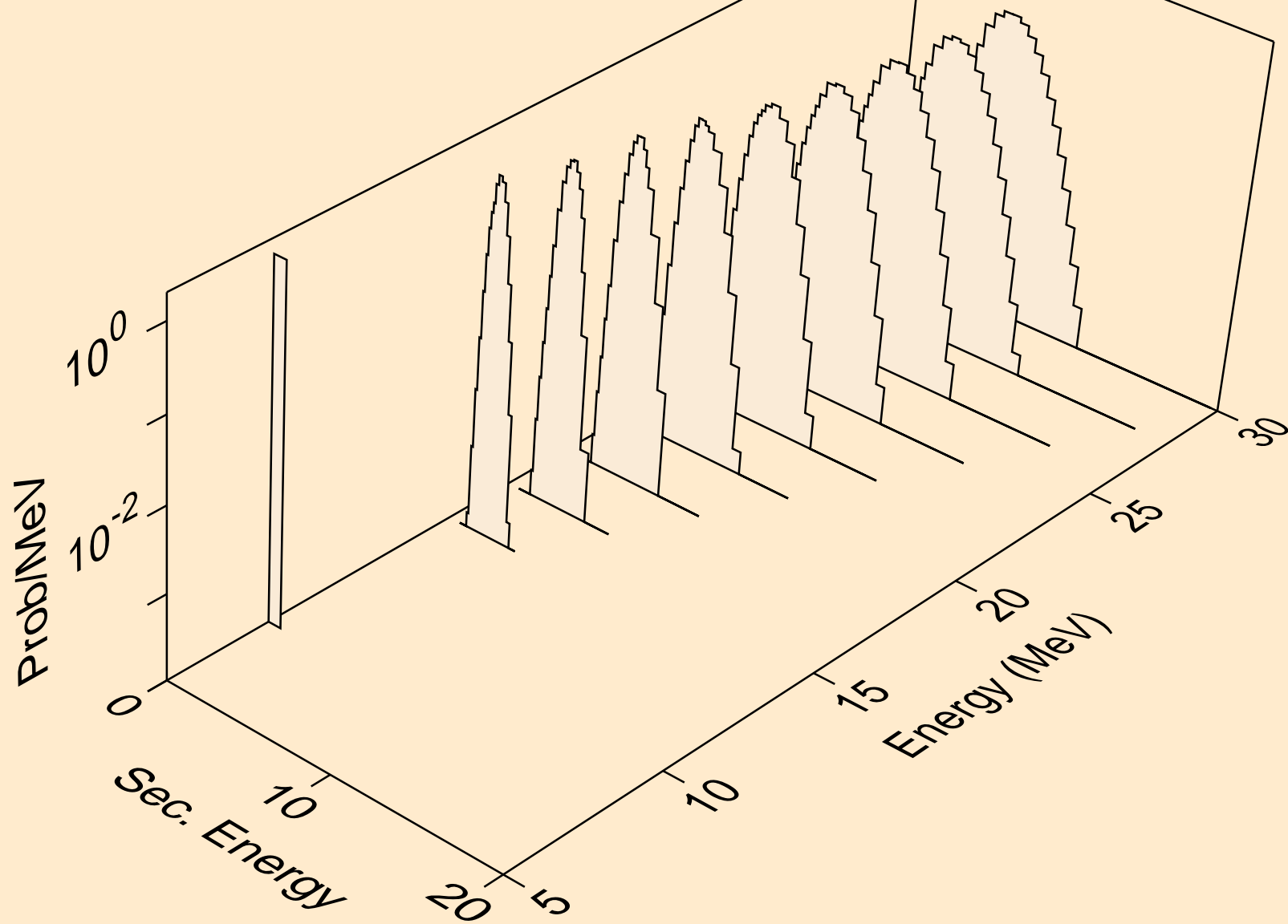
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protons from (n,p)



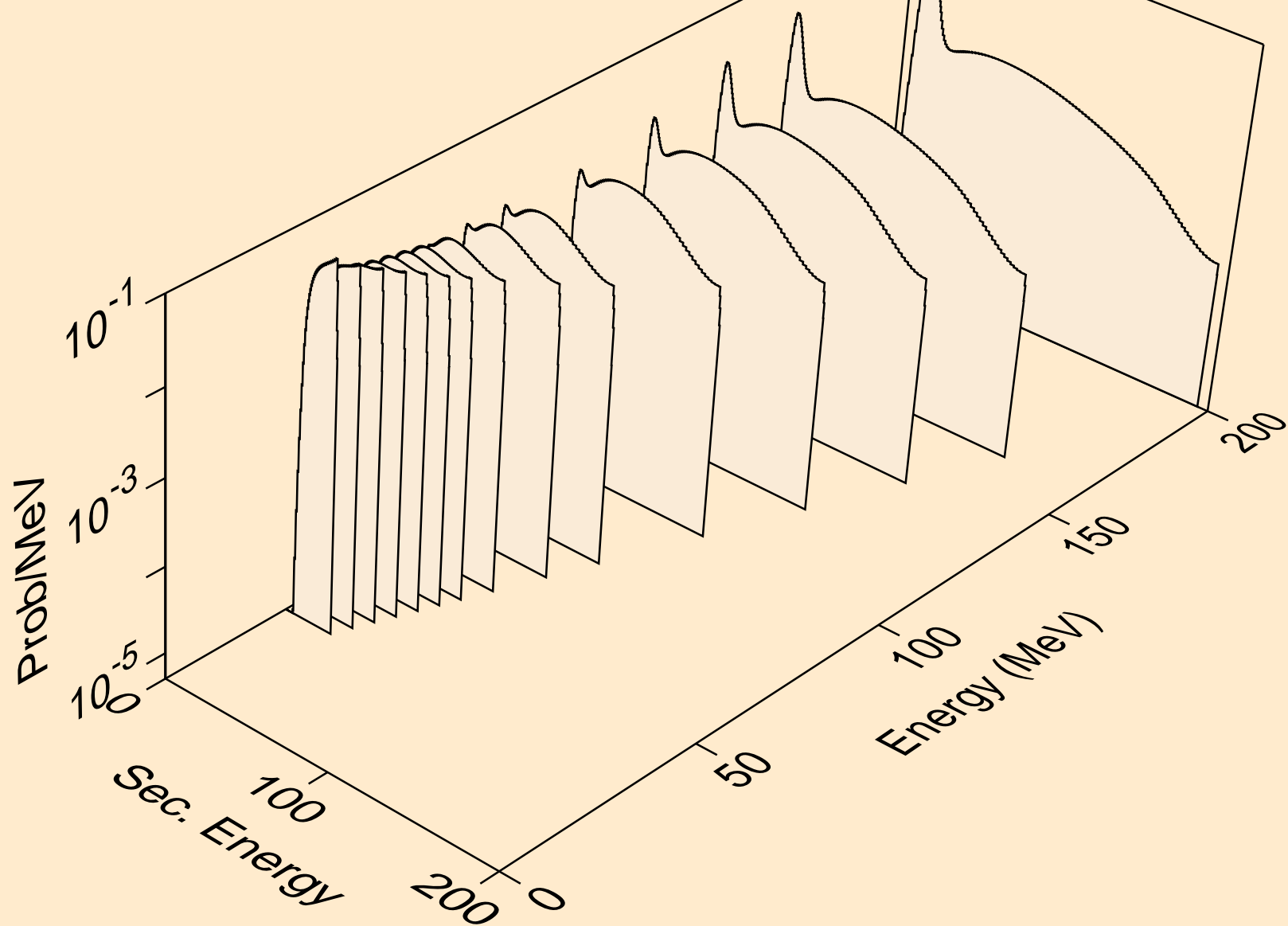
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protons from (n,pd)



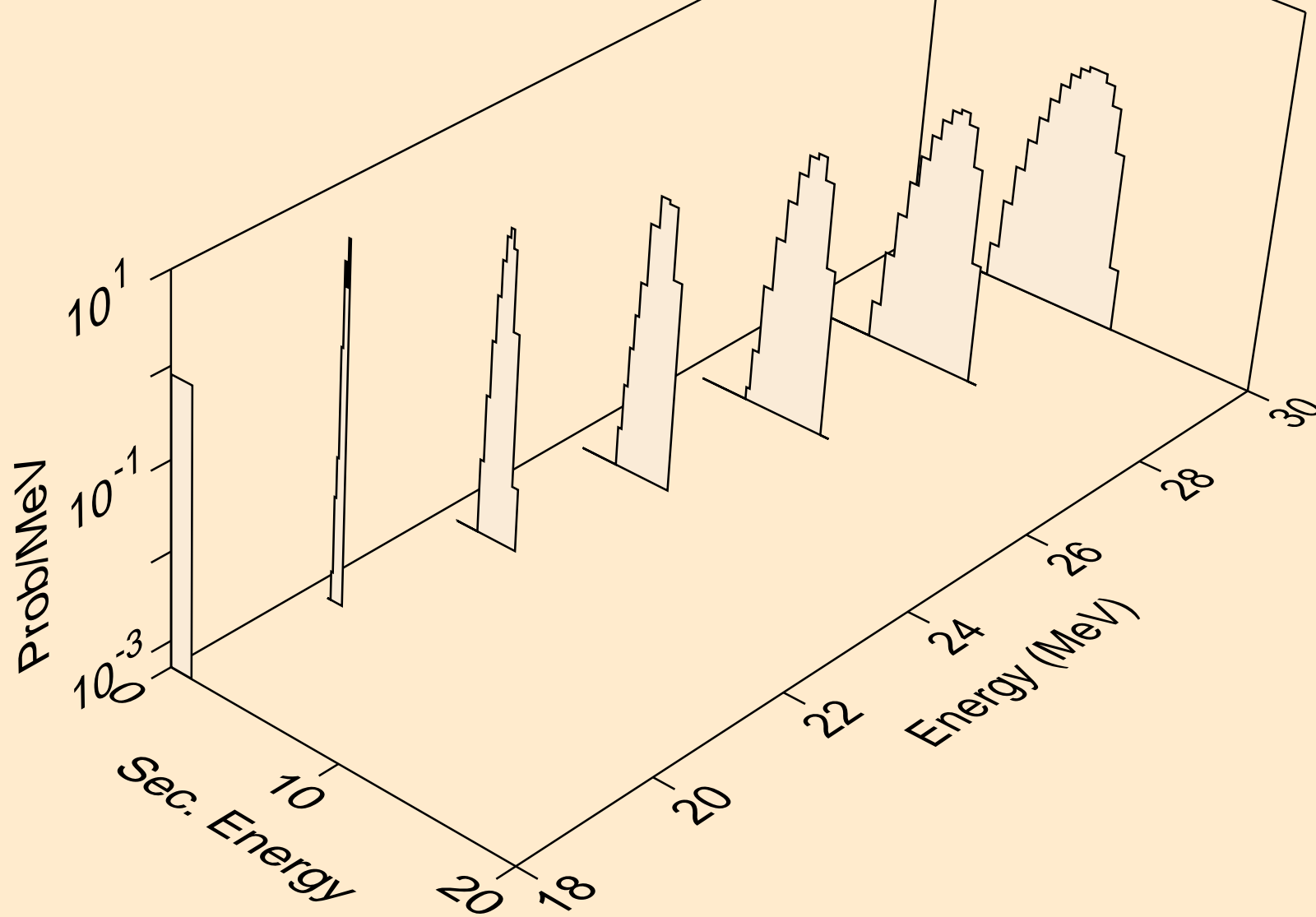
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protons from (n,pt)



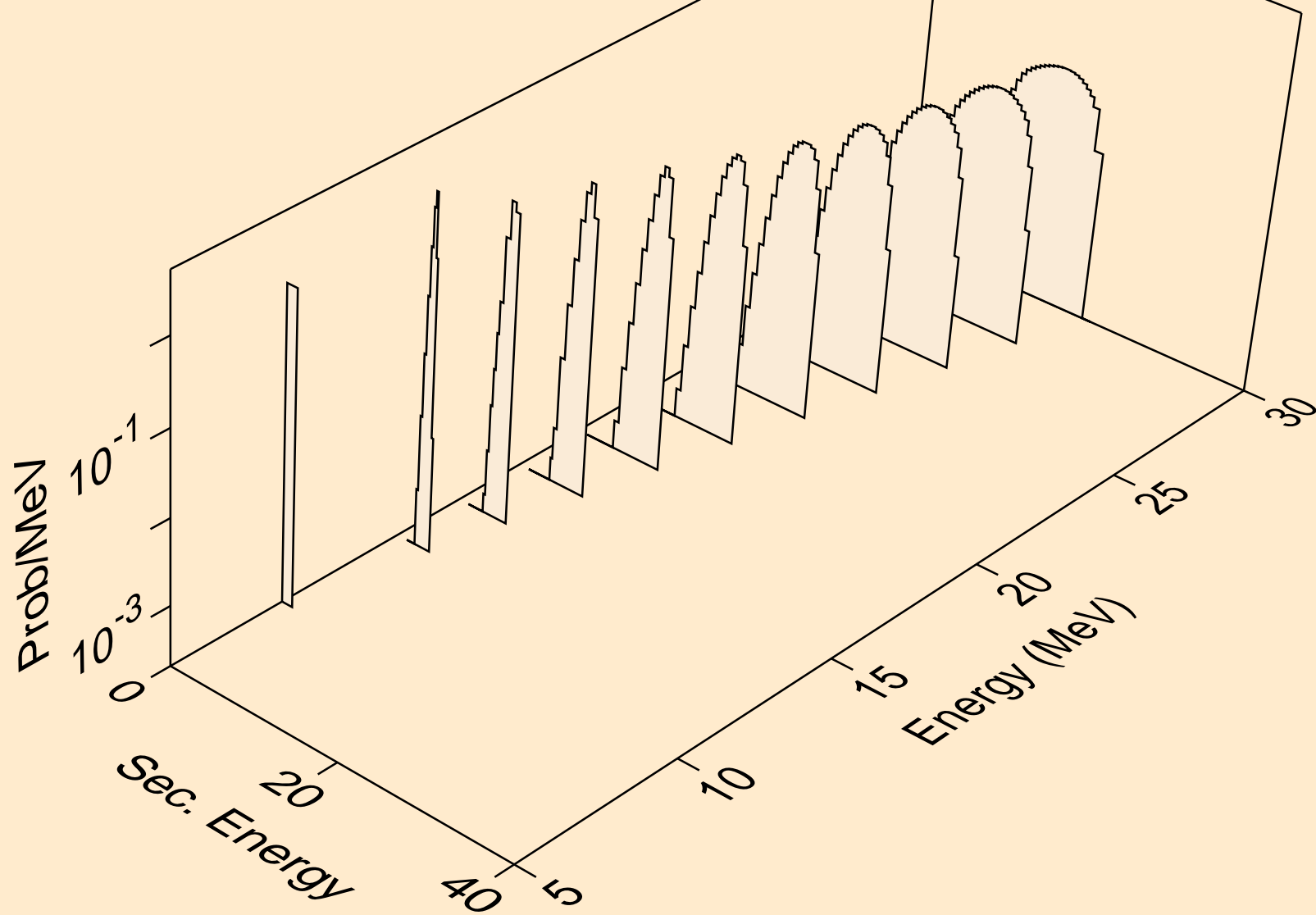
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deuterons from (n,x)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

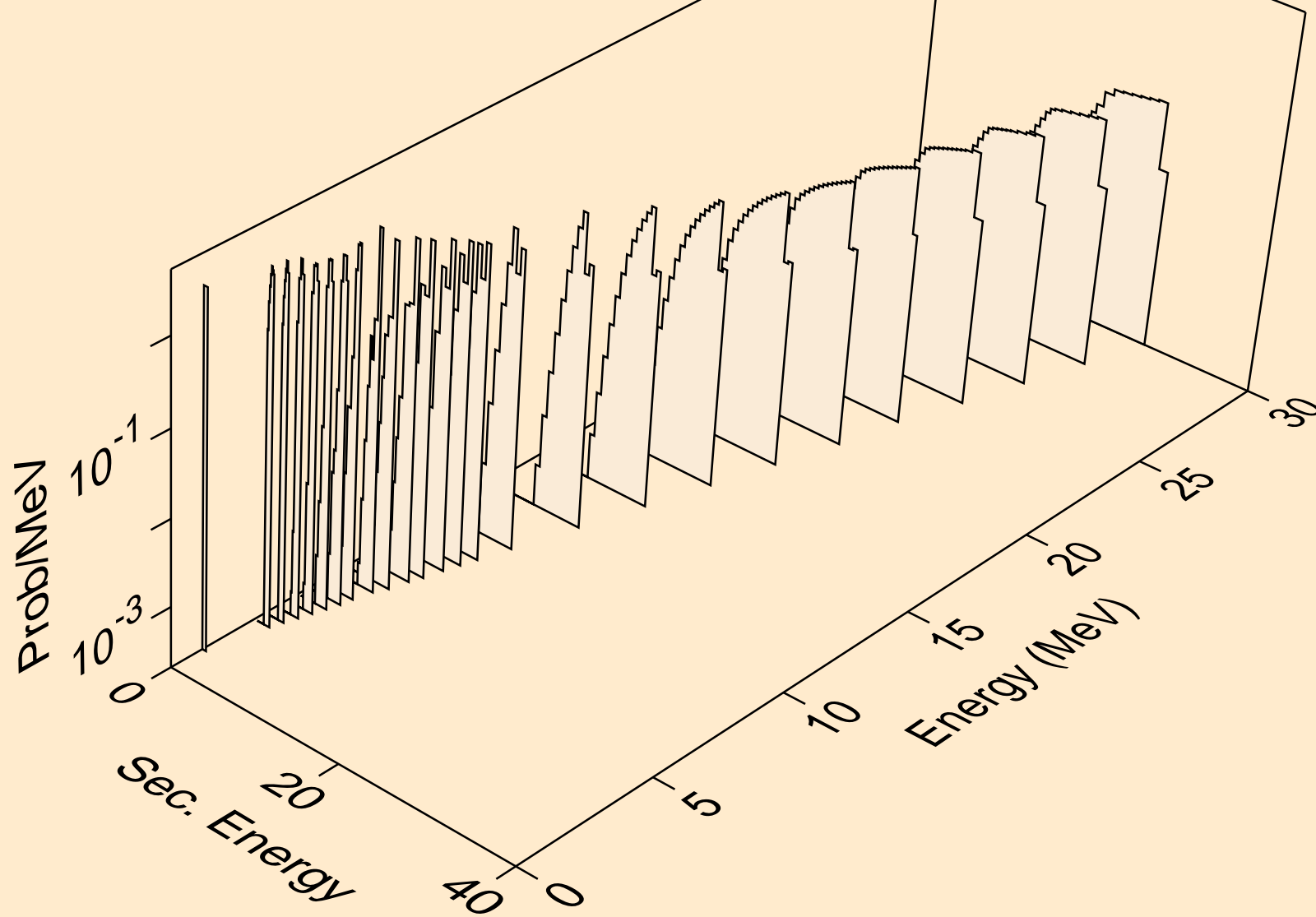


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deuterons from (n,n\*)d

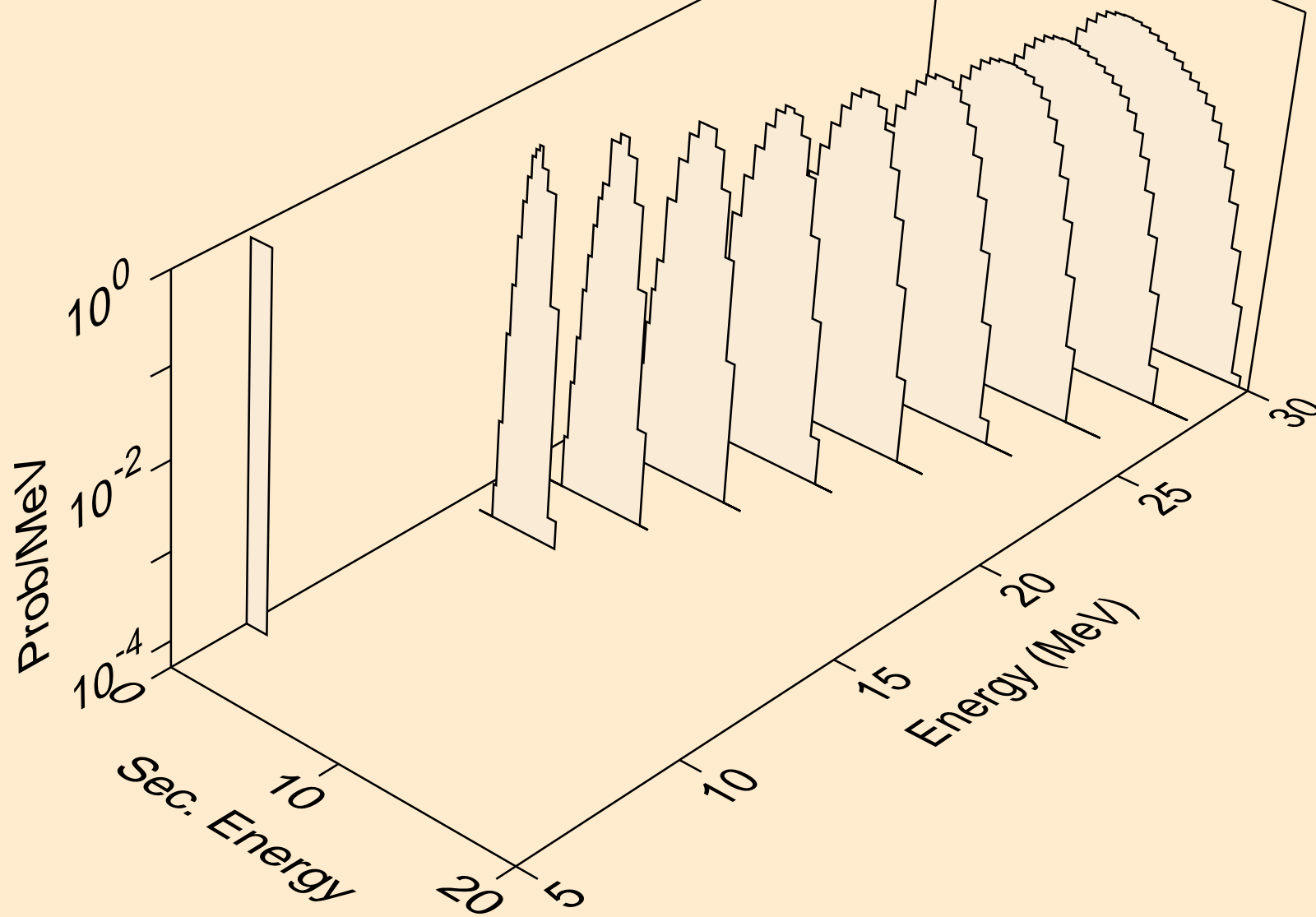




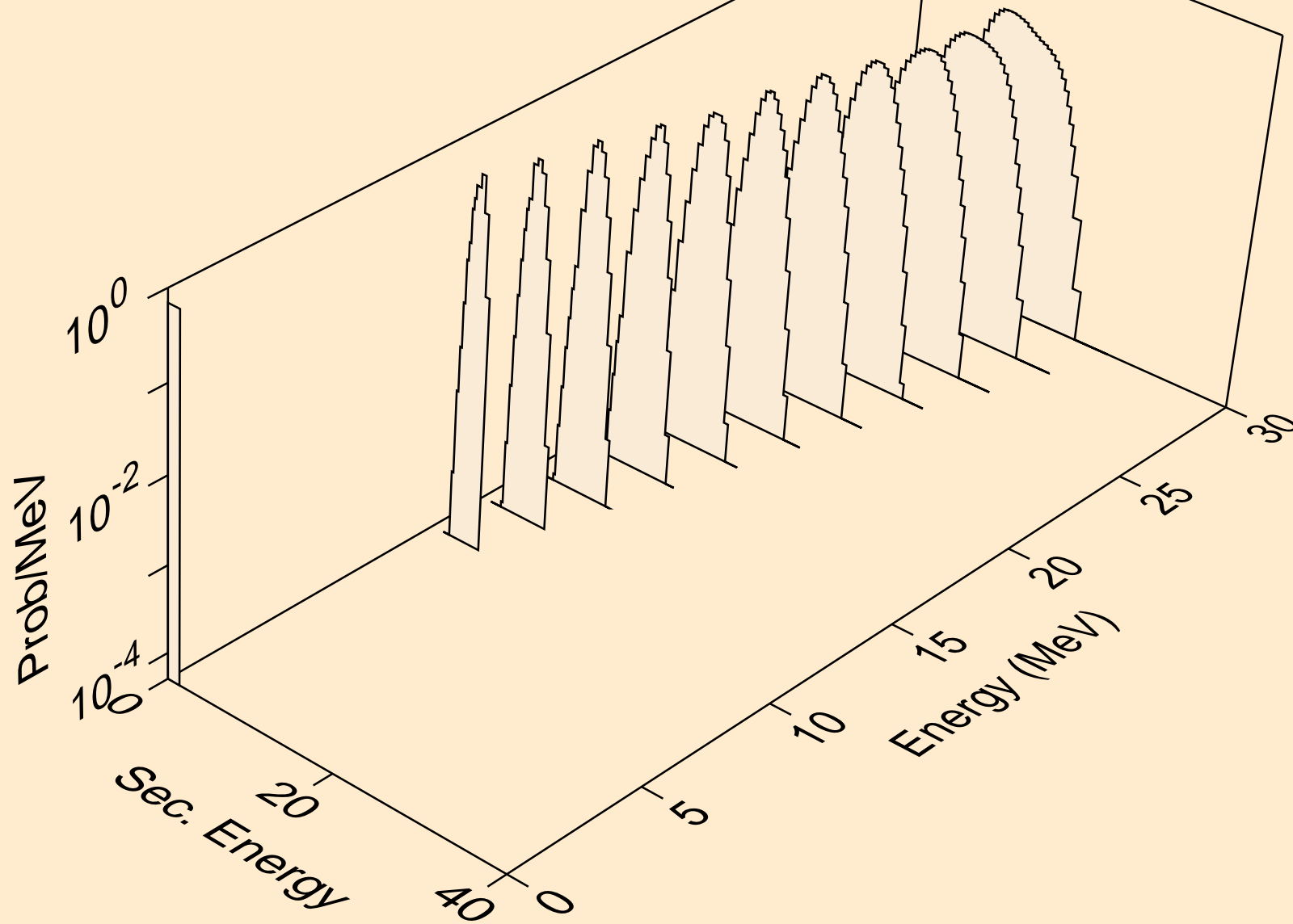
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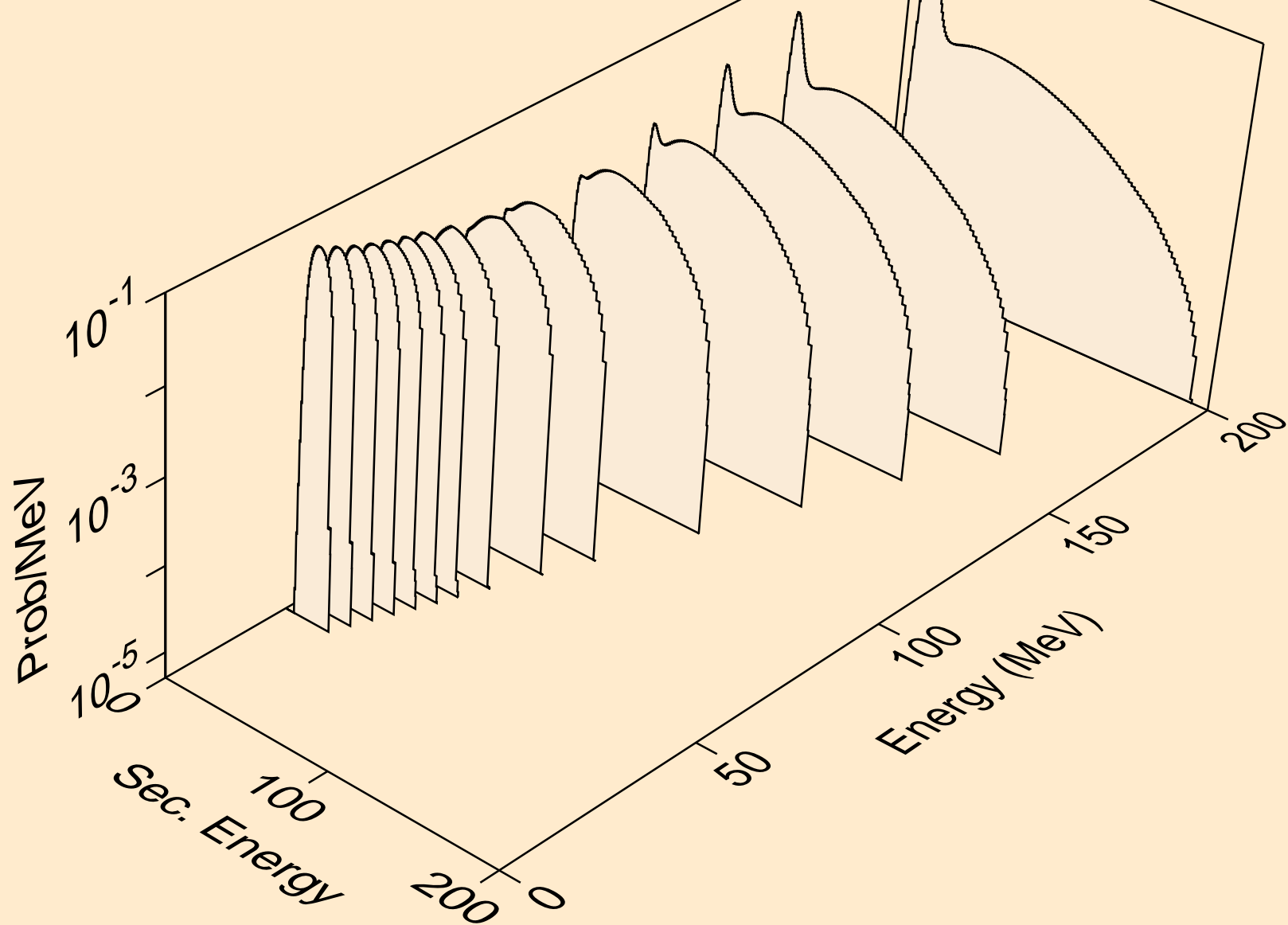
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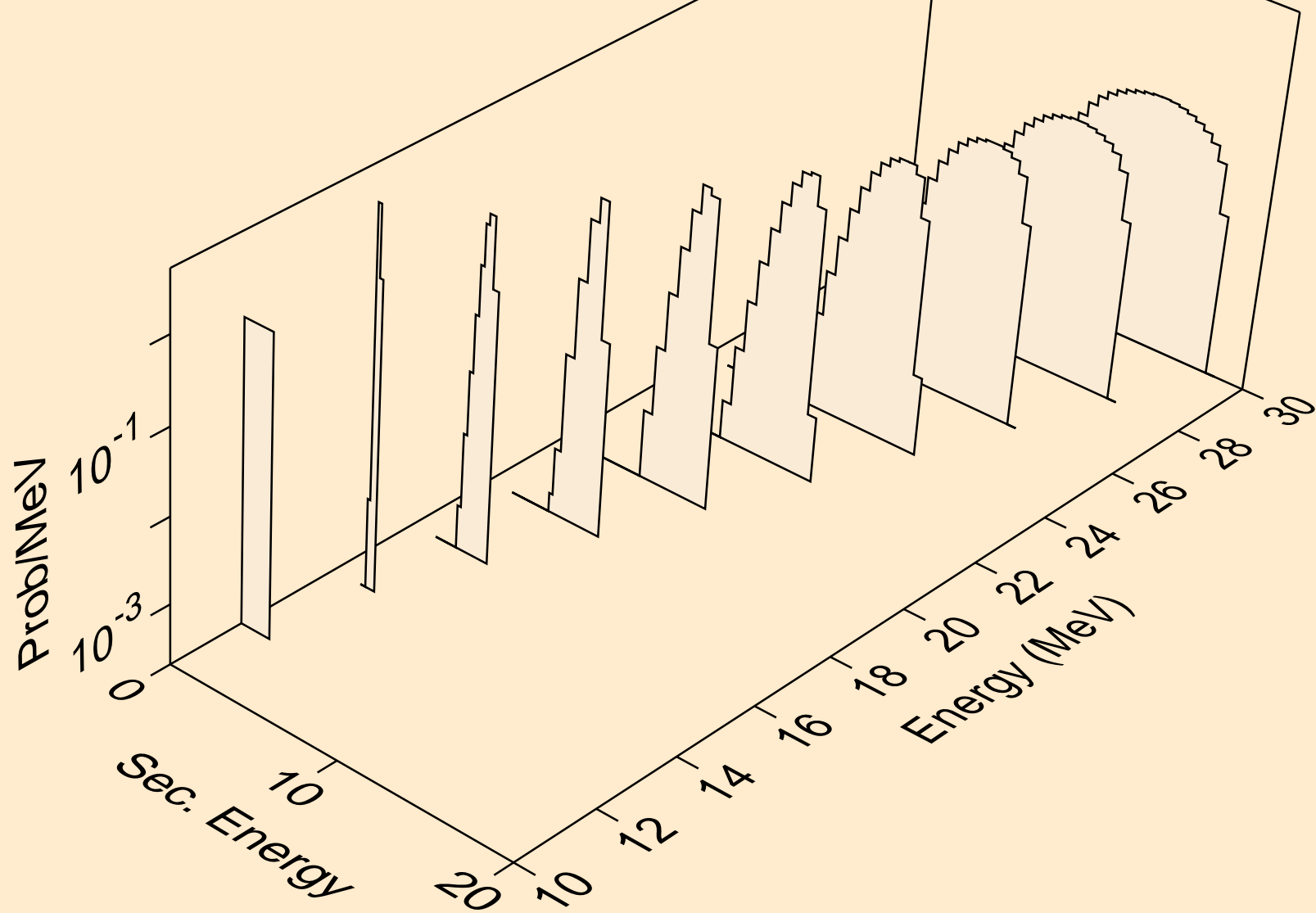
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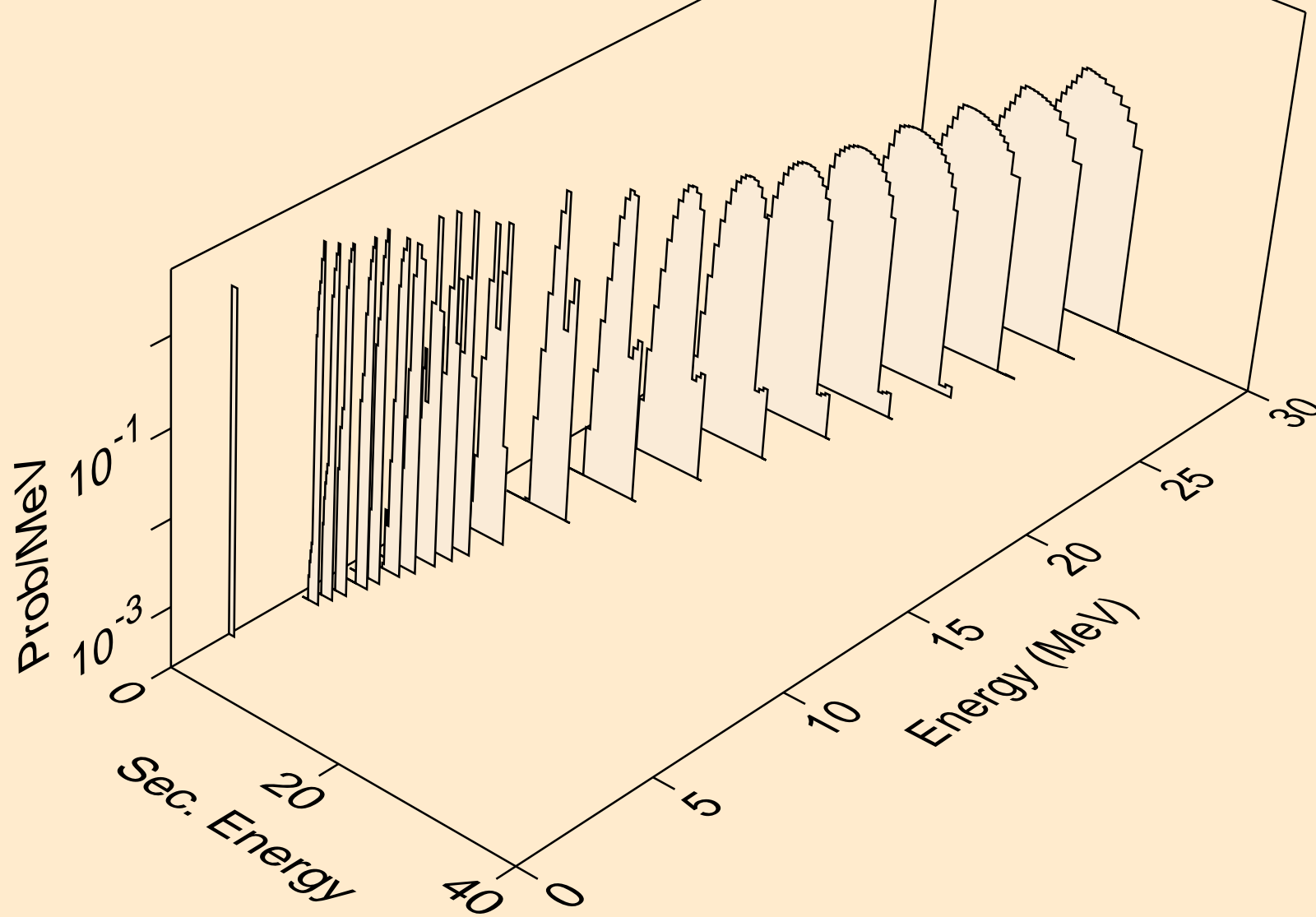
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tritons from (n,x)



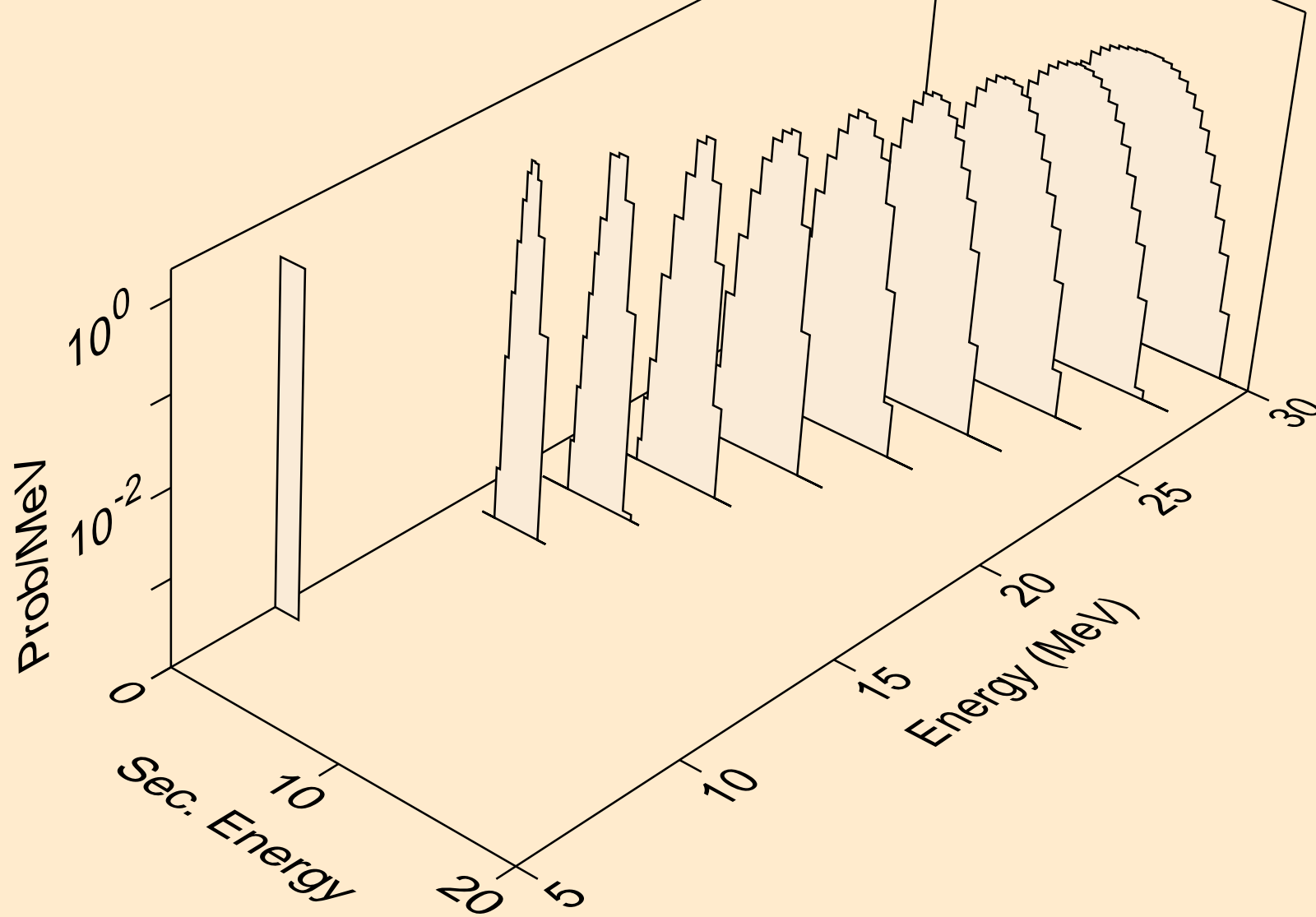
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tritons from (n,n\*)t



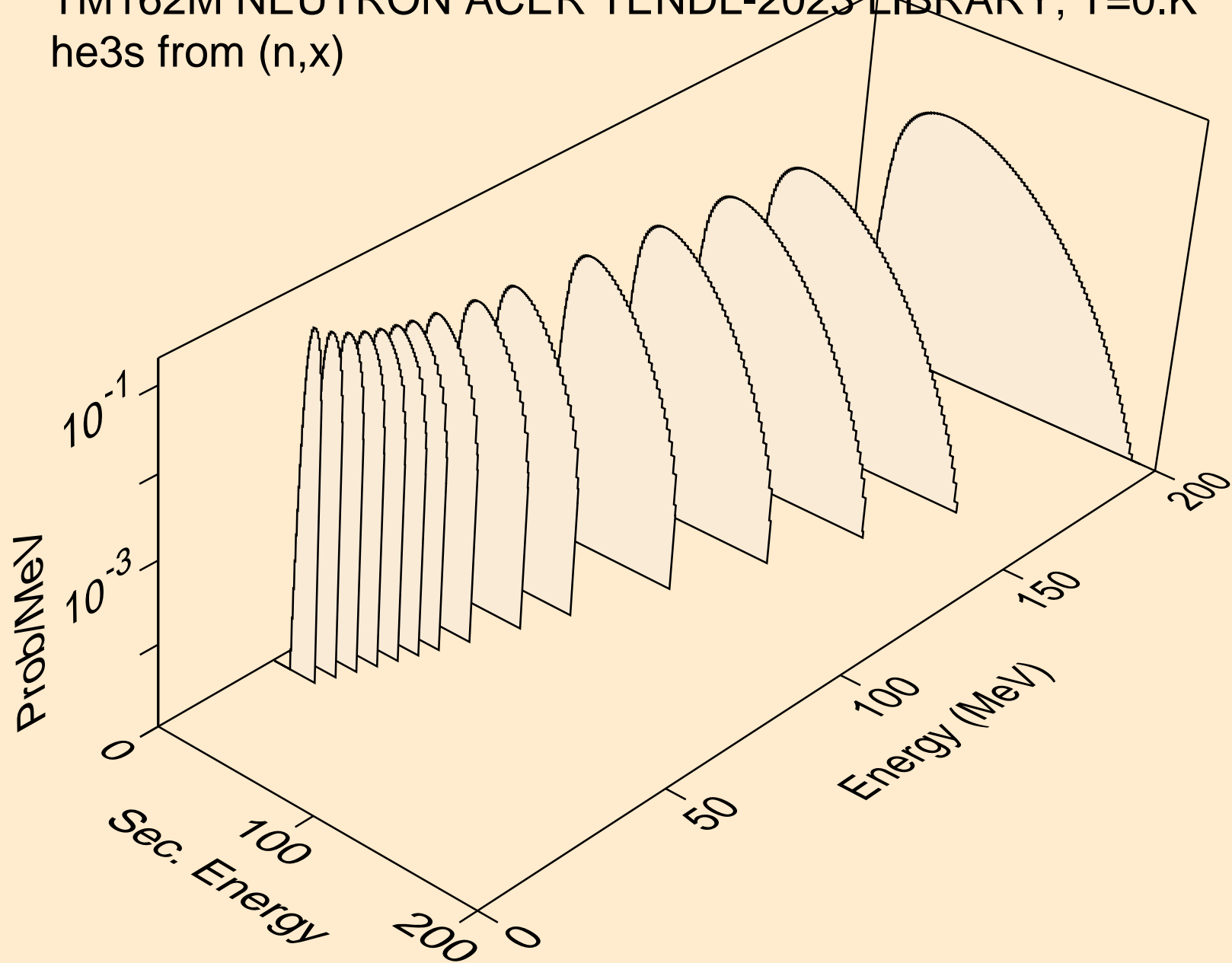
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

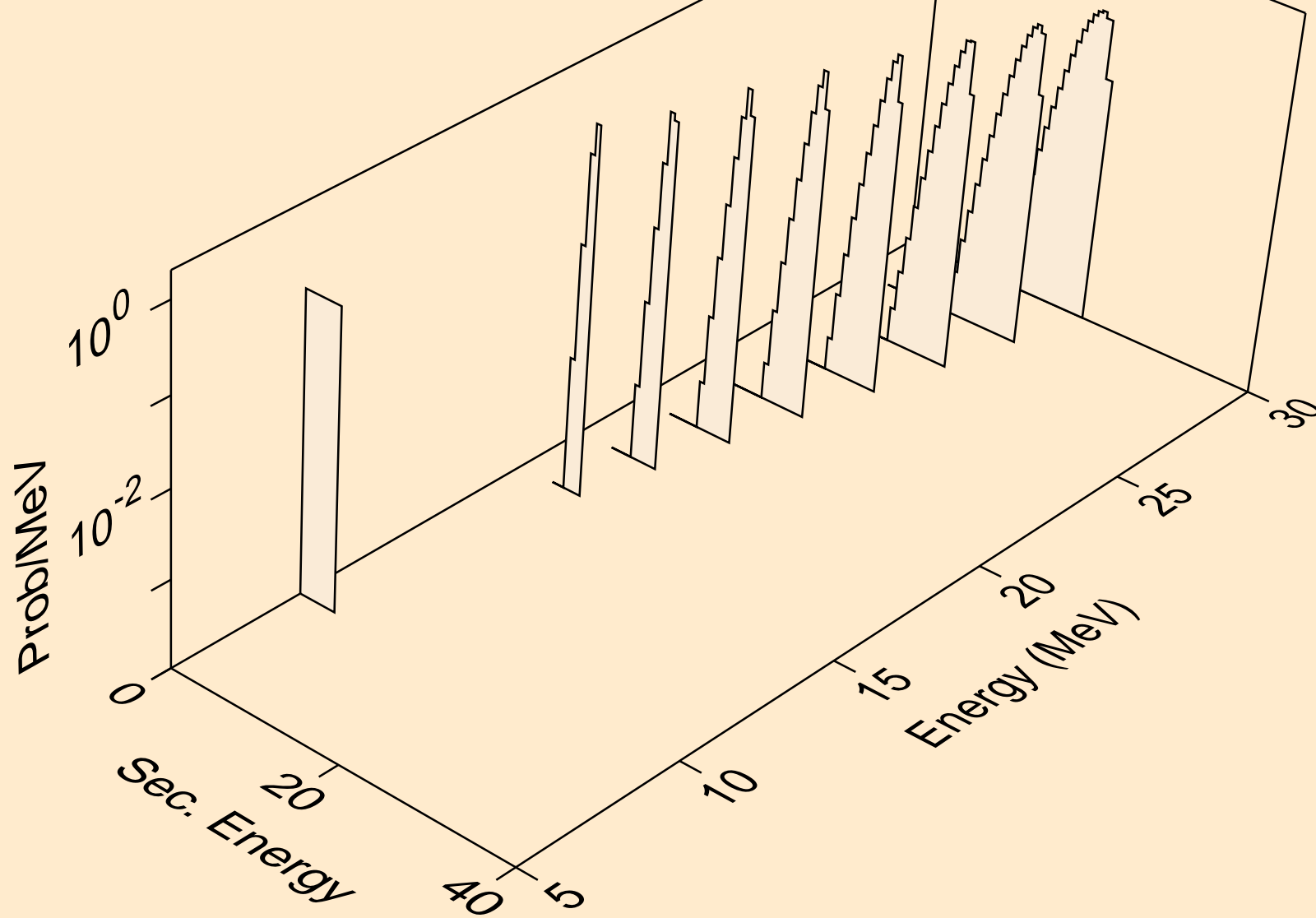


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he3s from (n,x)

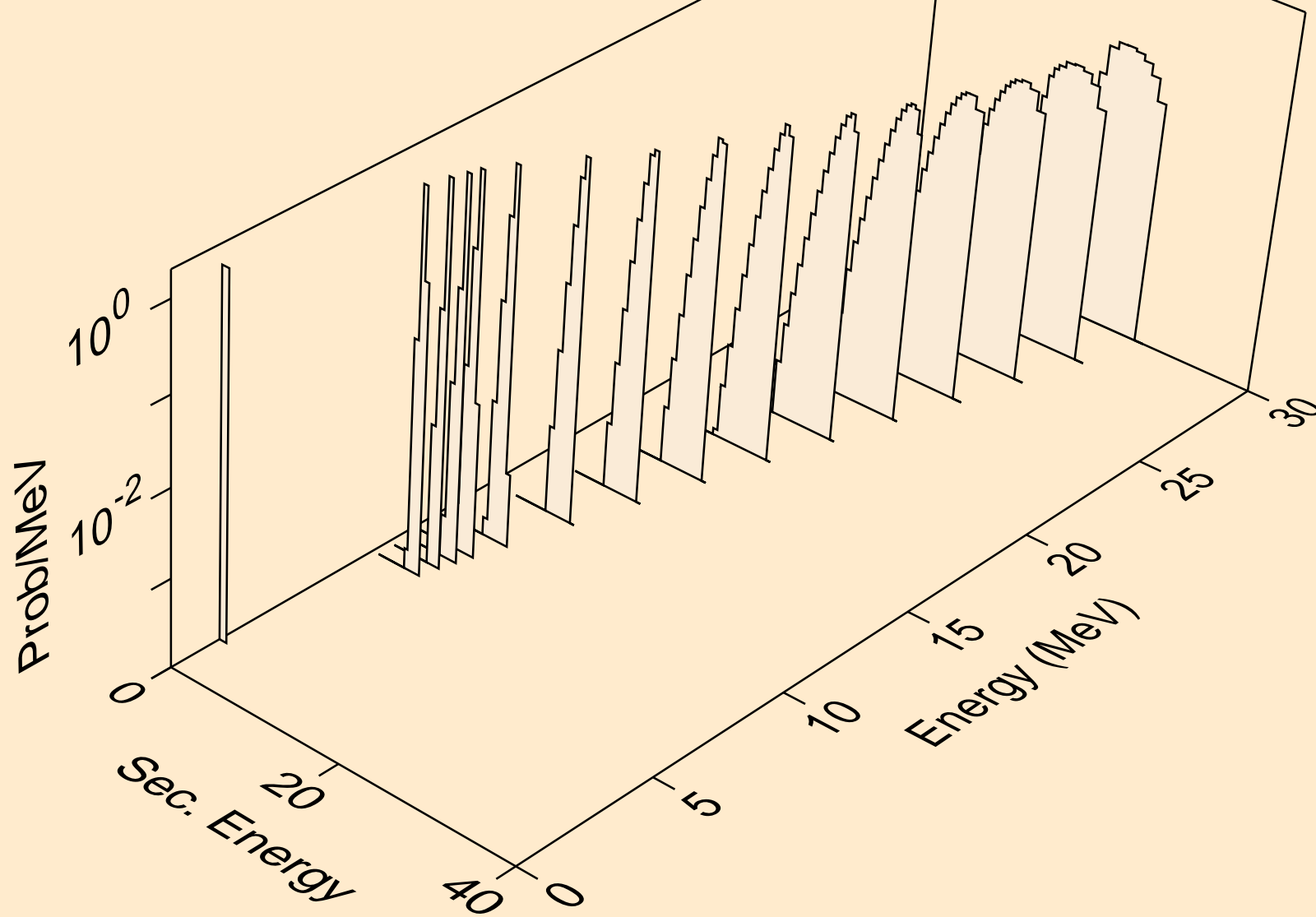




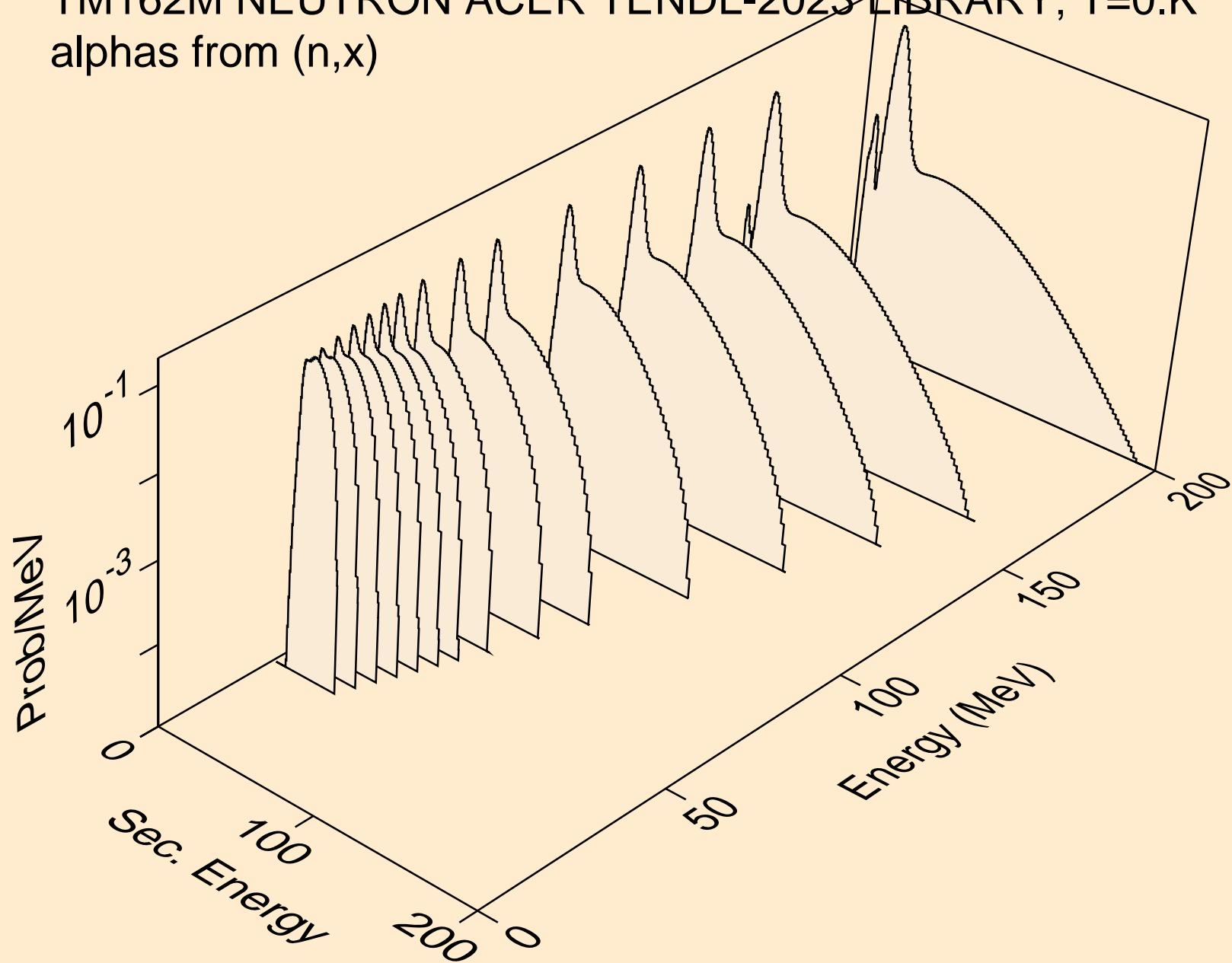
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he3s from (n,n\*)he3



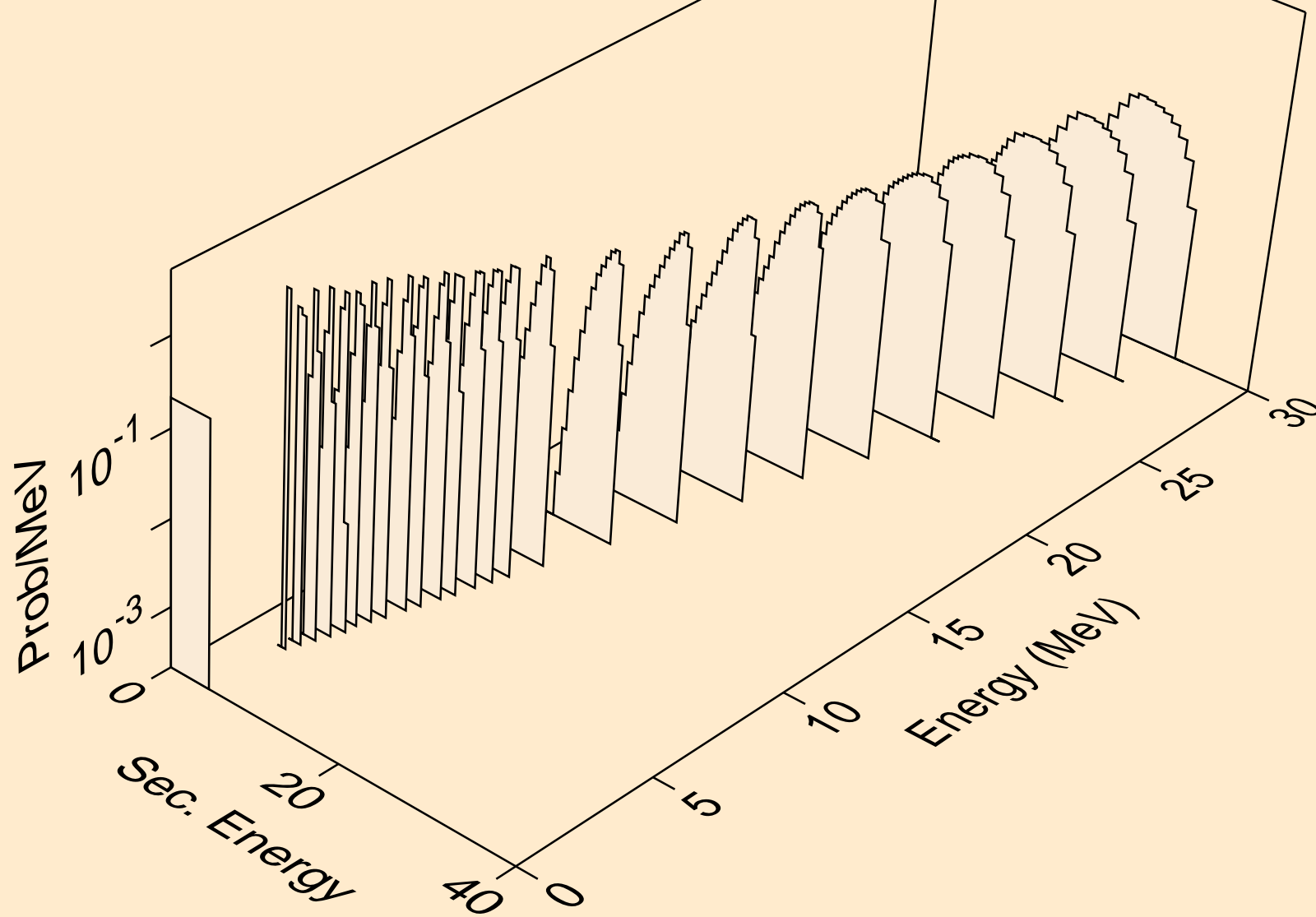
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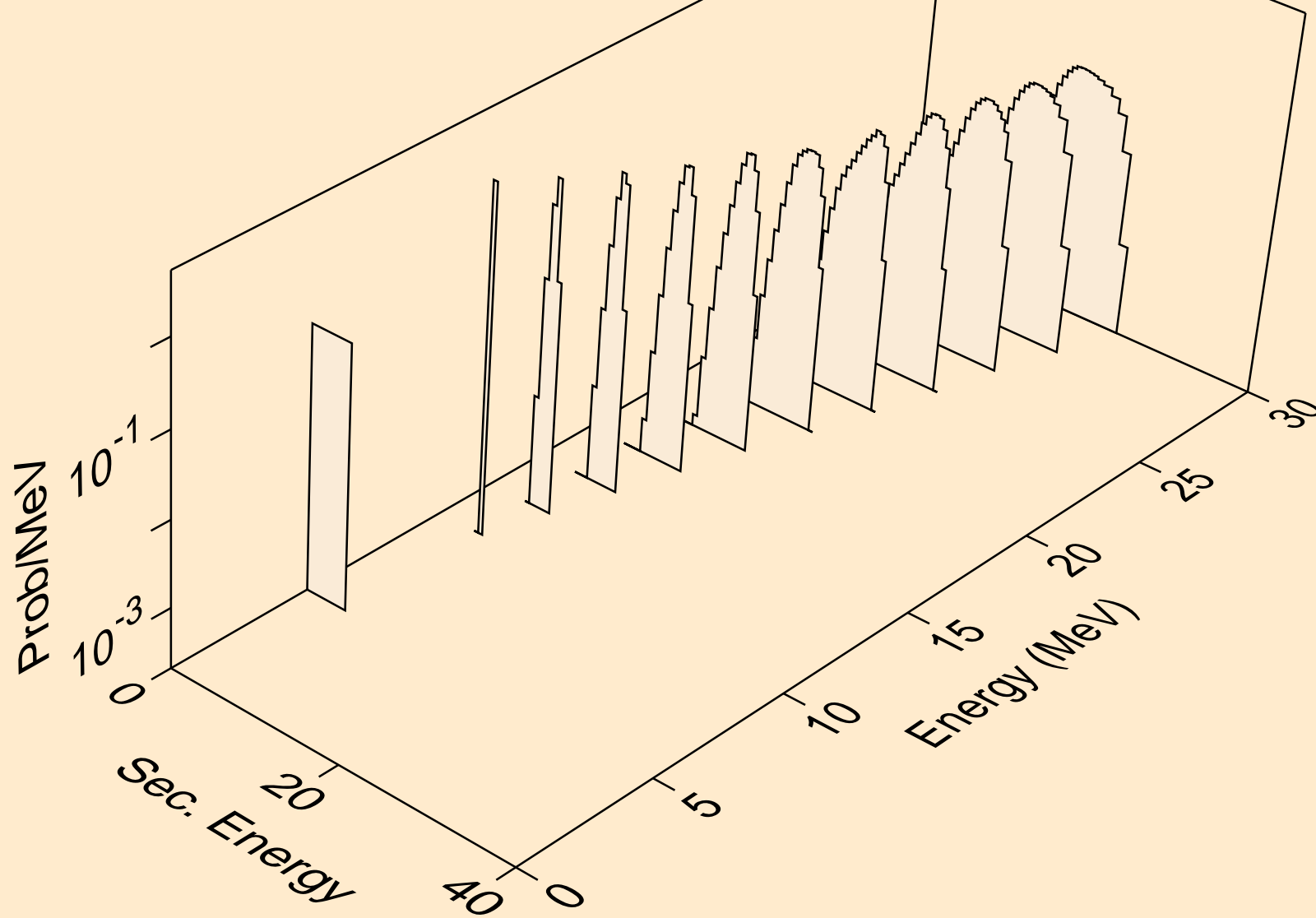
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alphas from (n,x)



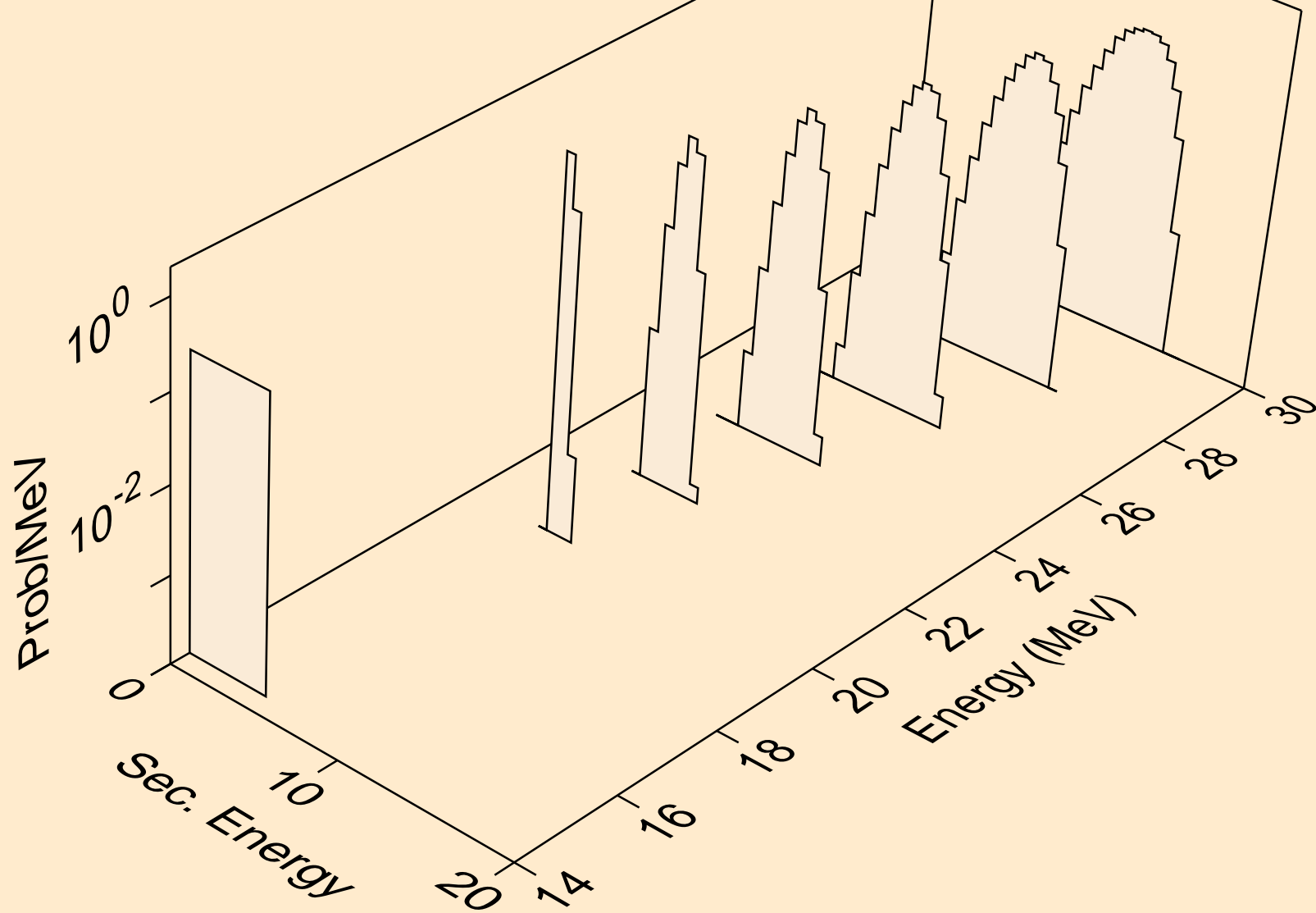
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



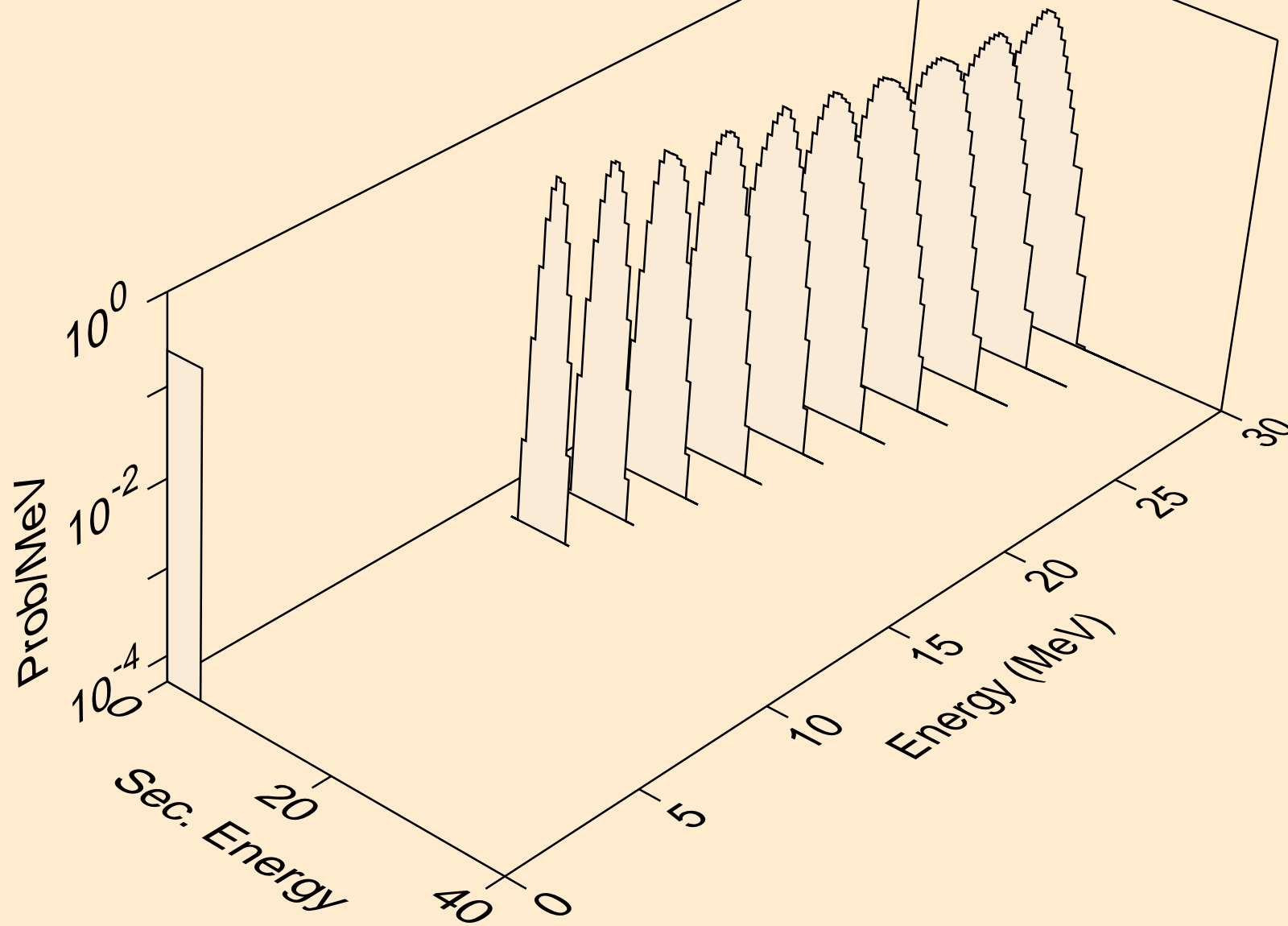
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



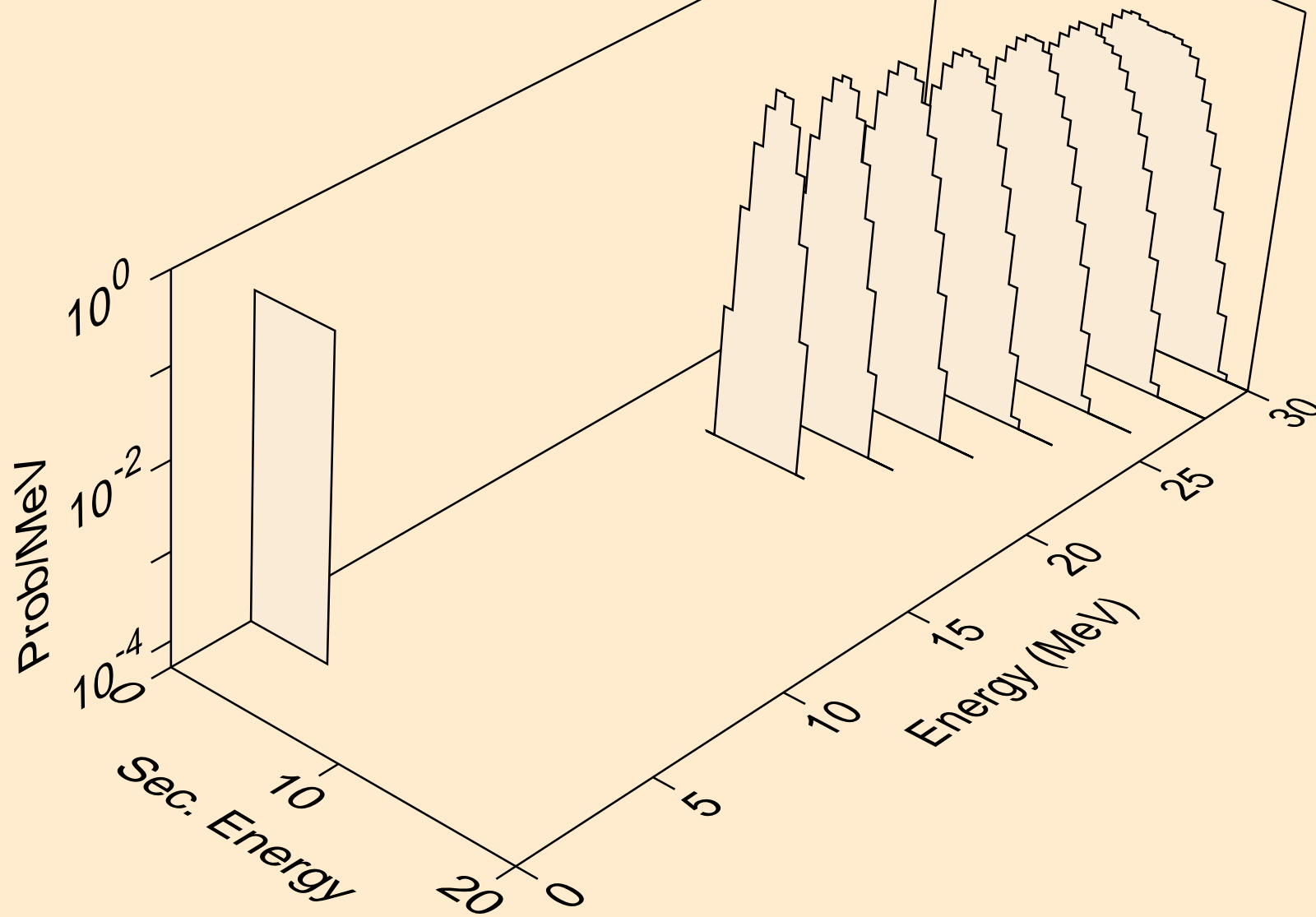
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

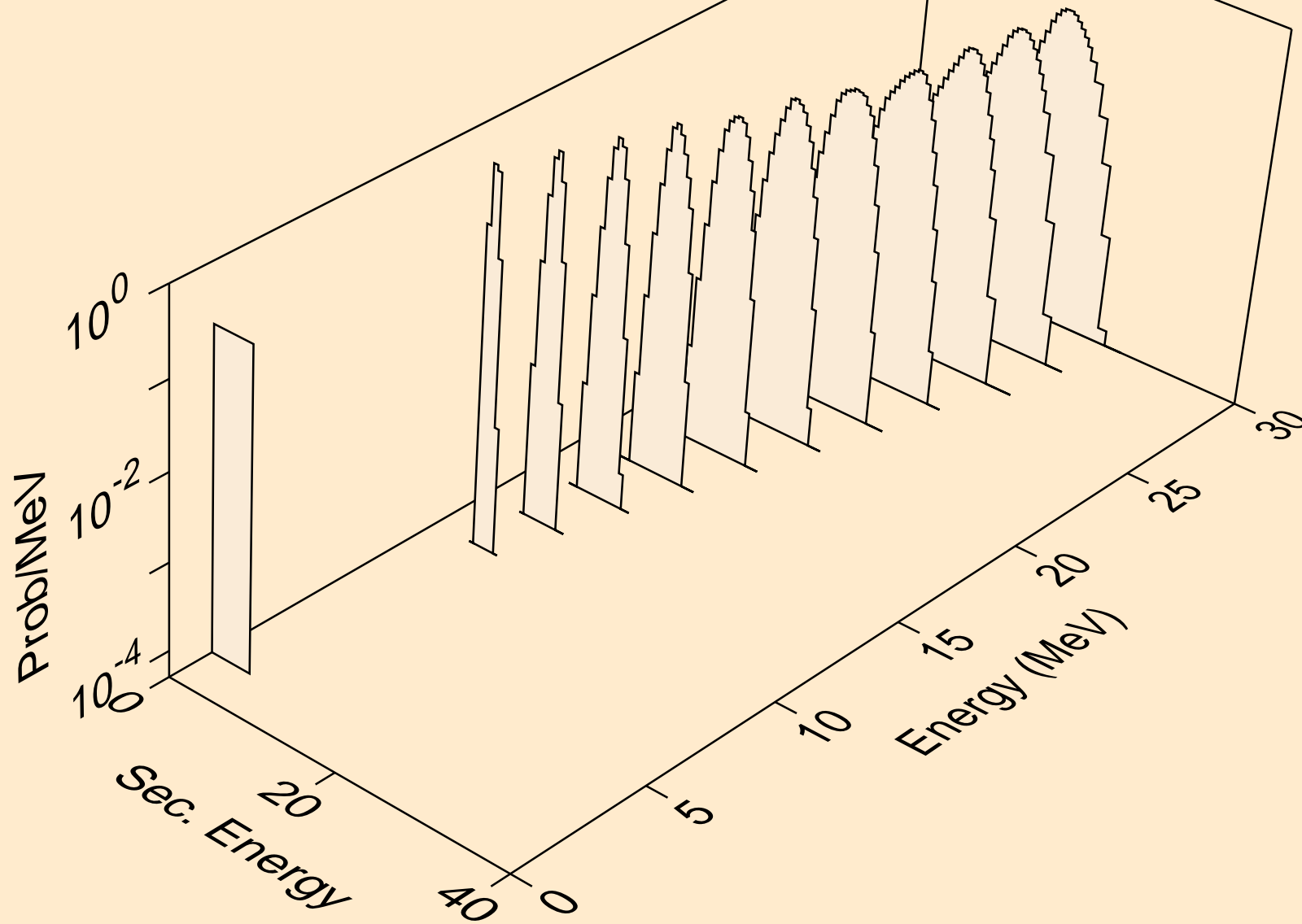


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alphas from (n,2n)2a

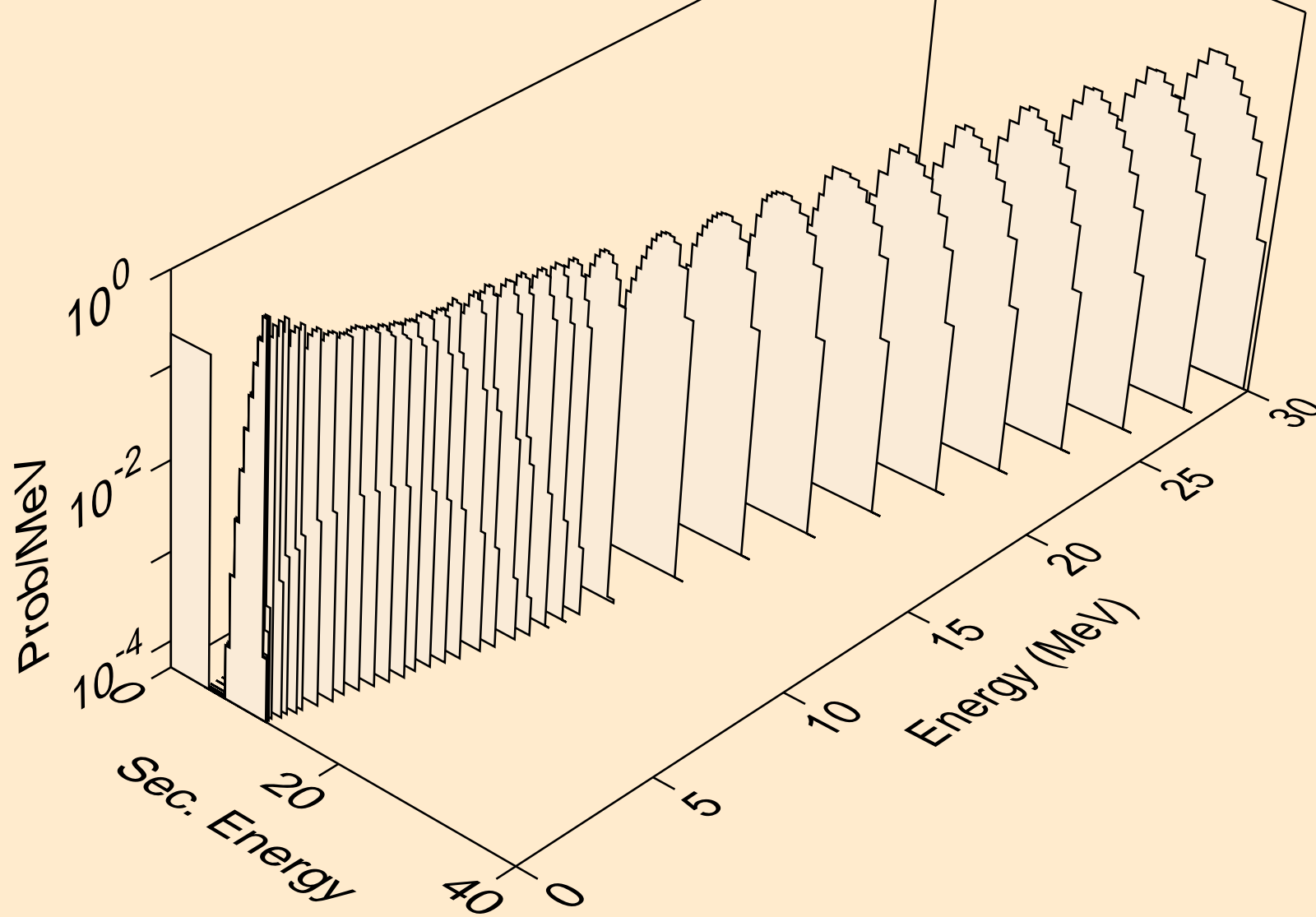




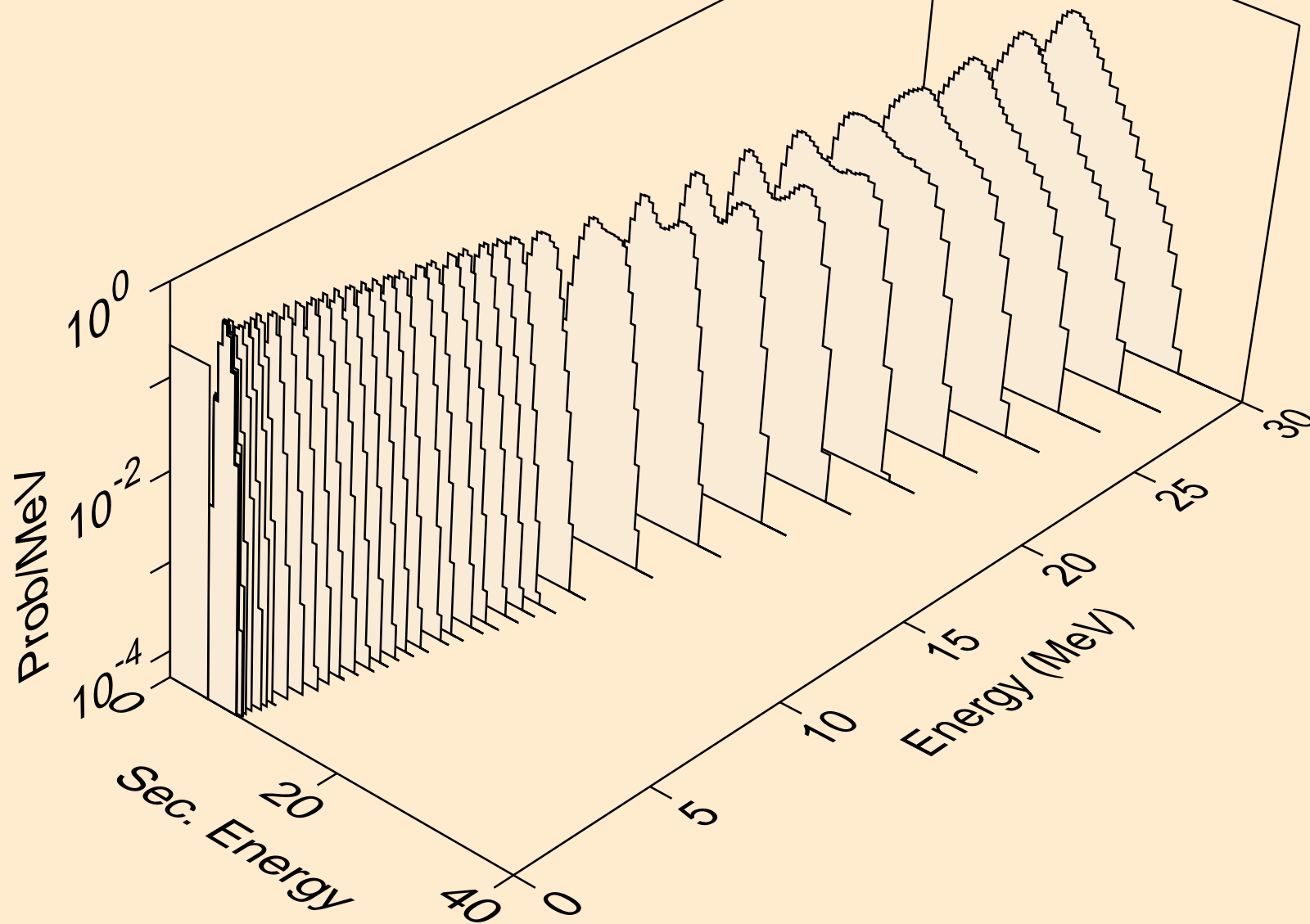
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



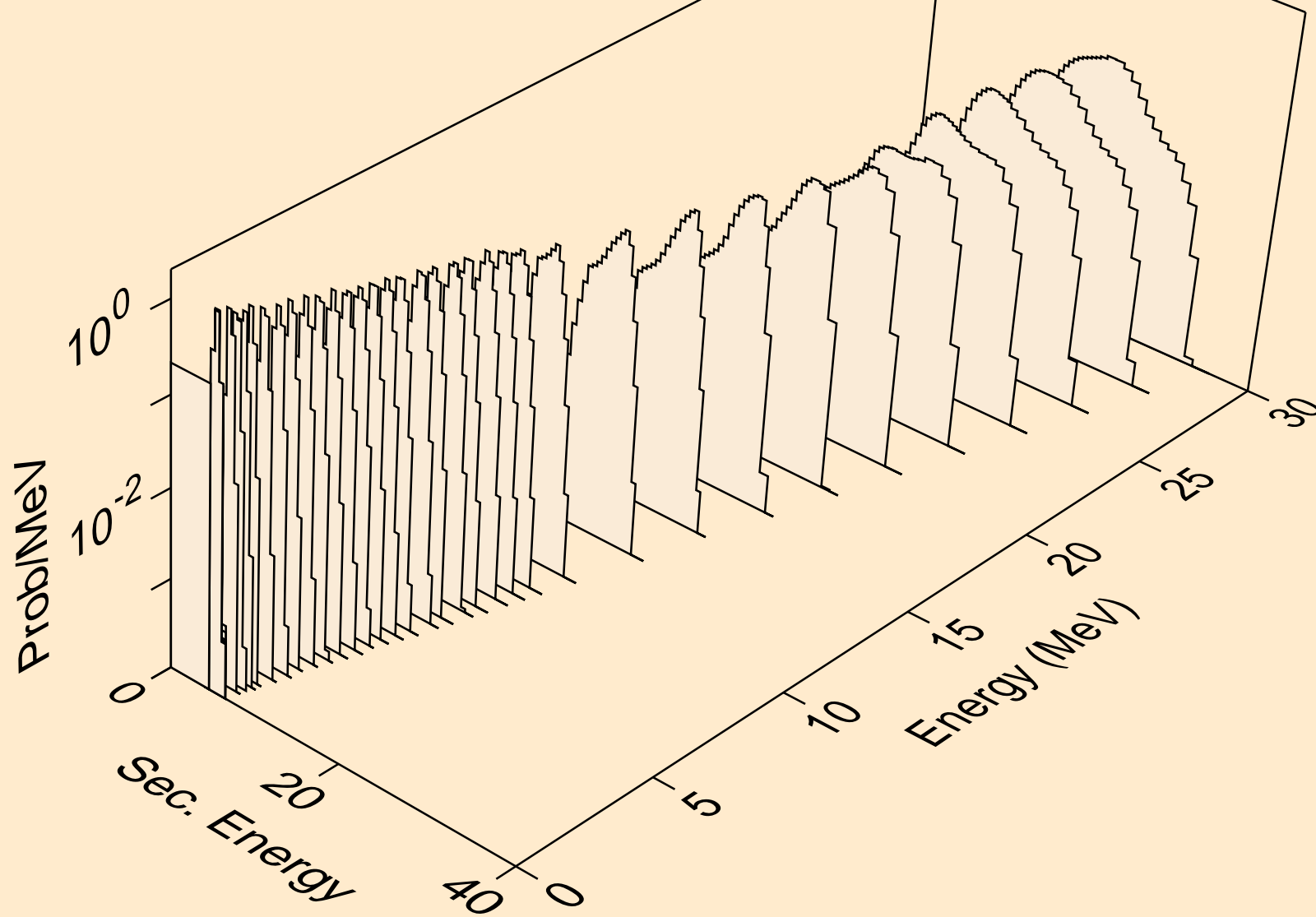
TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



TM162M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

