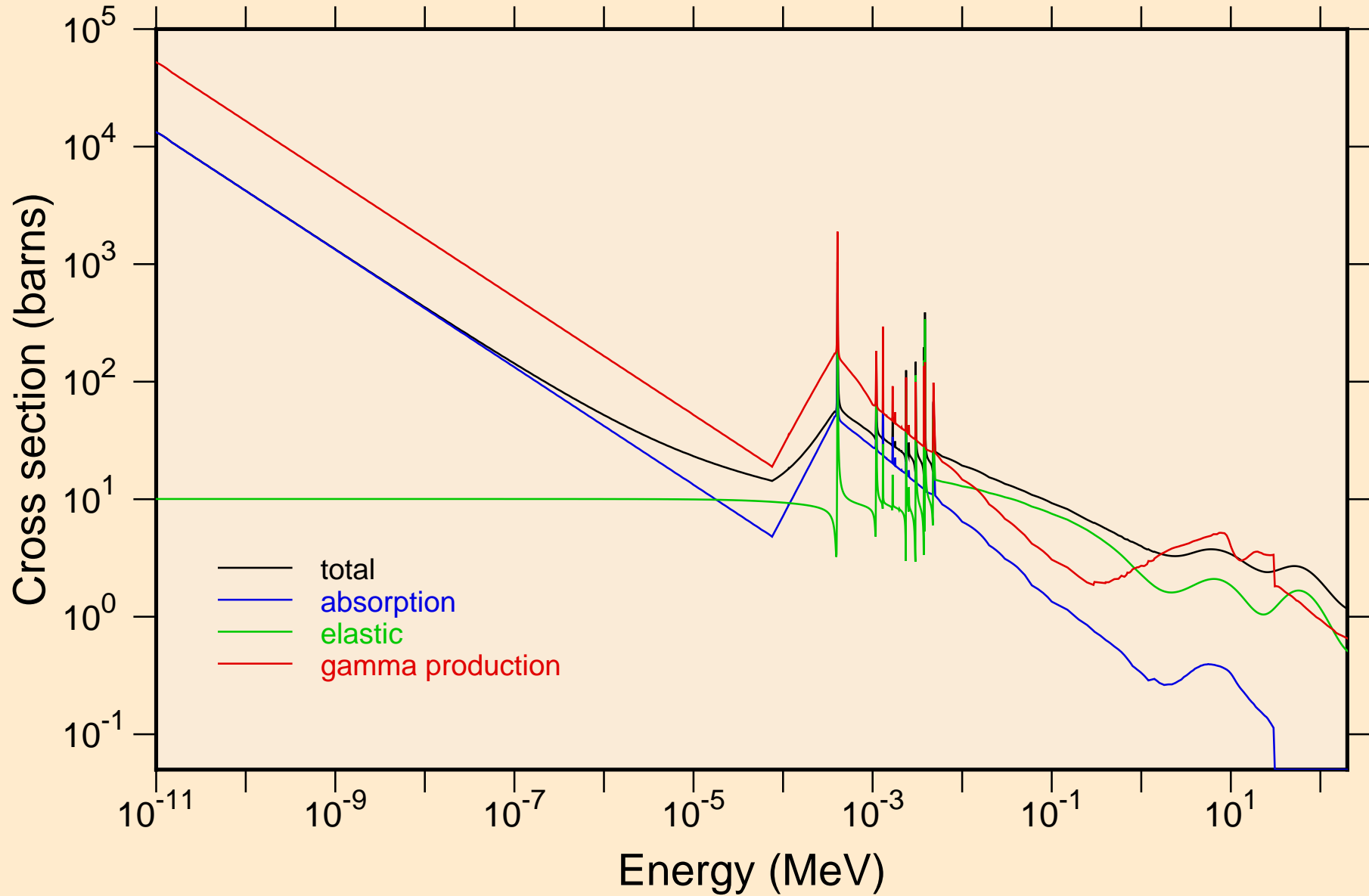
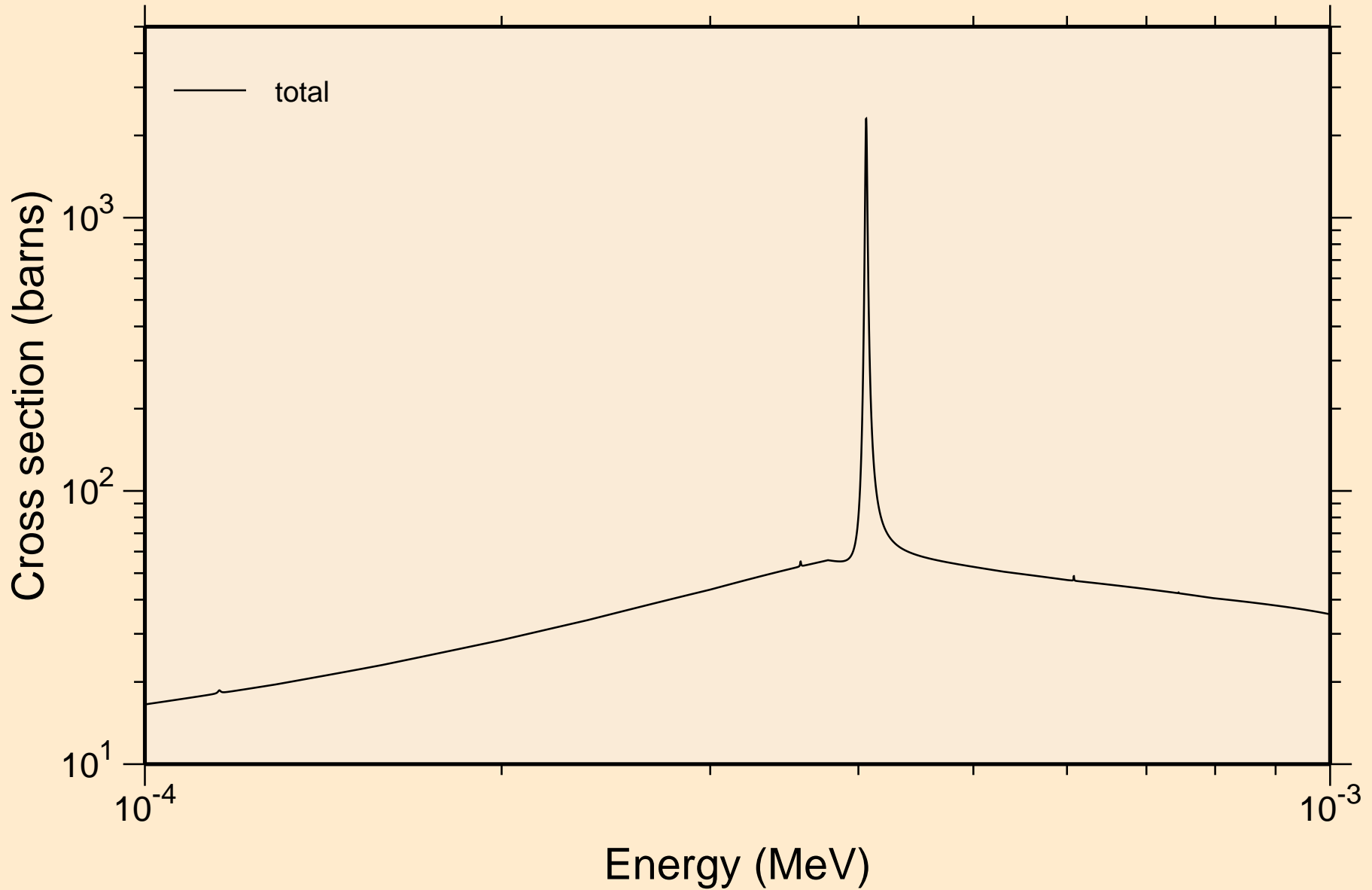


# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

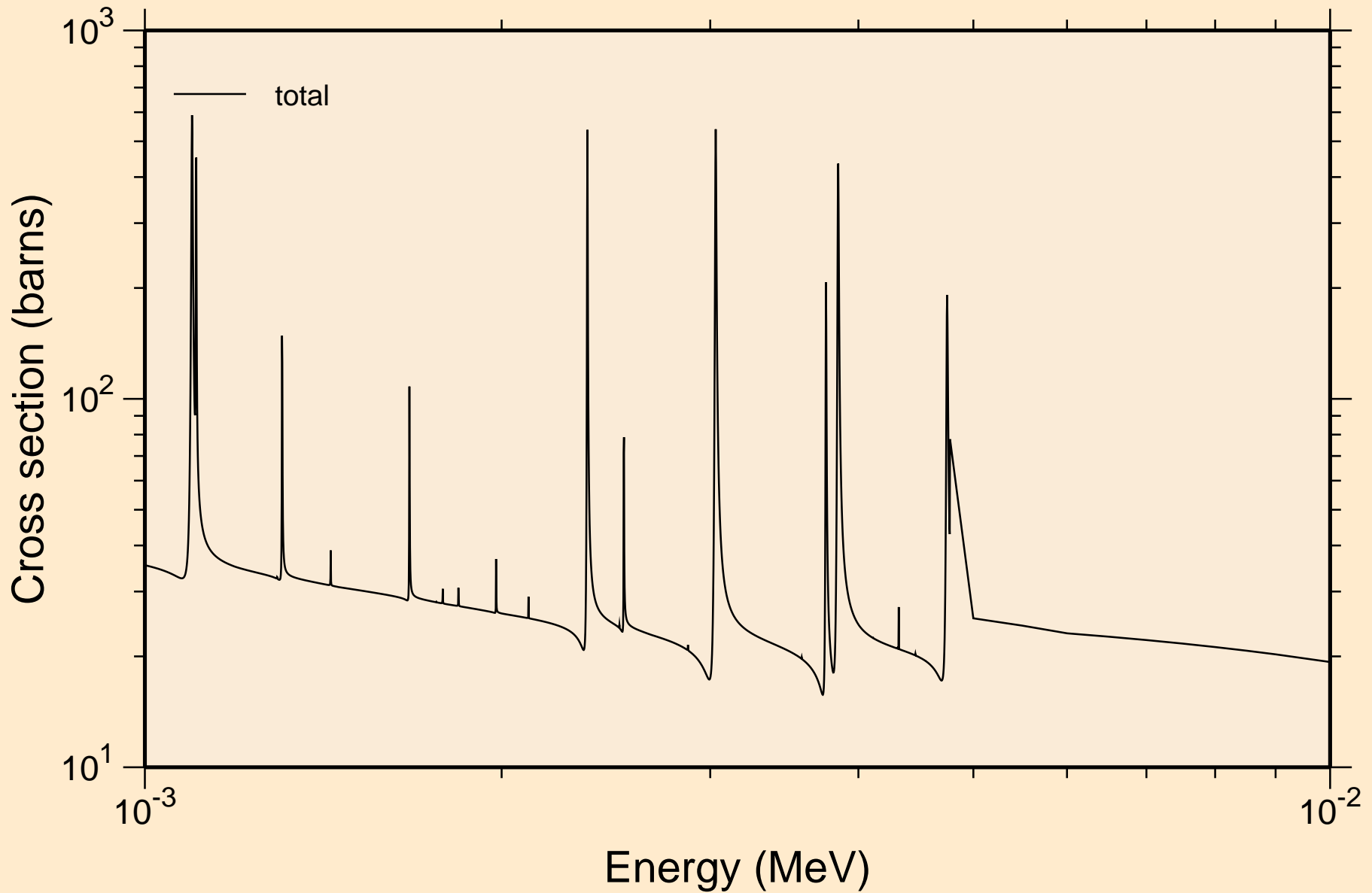
## Principal cross sections



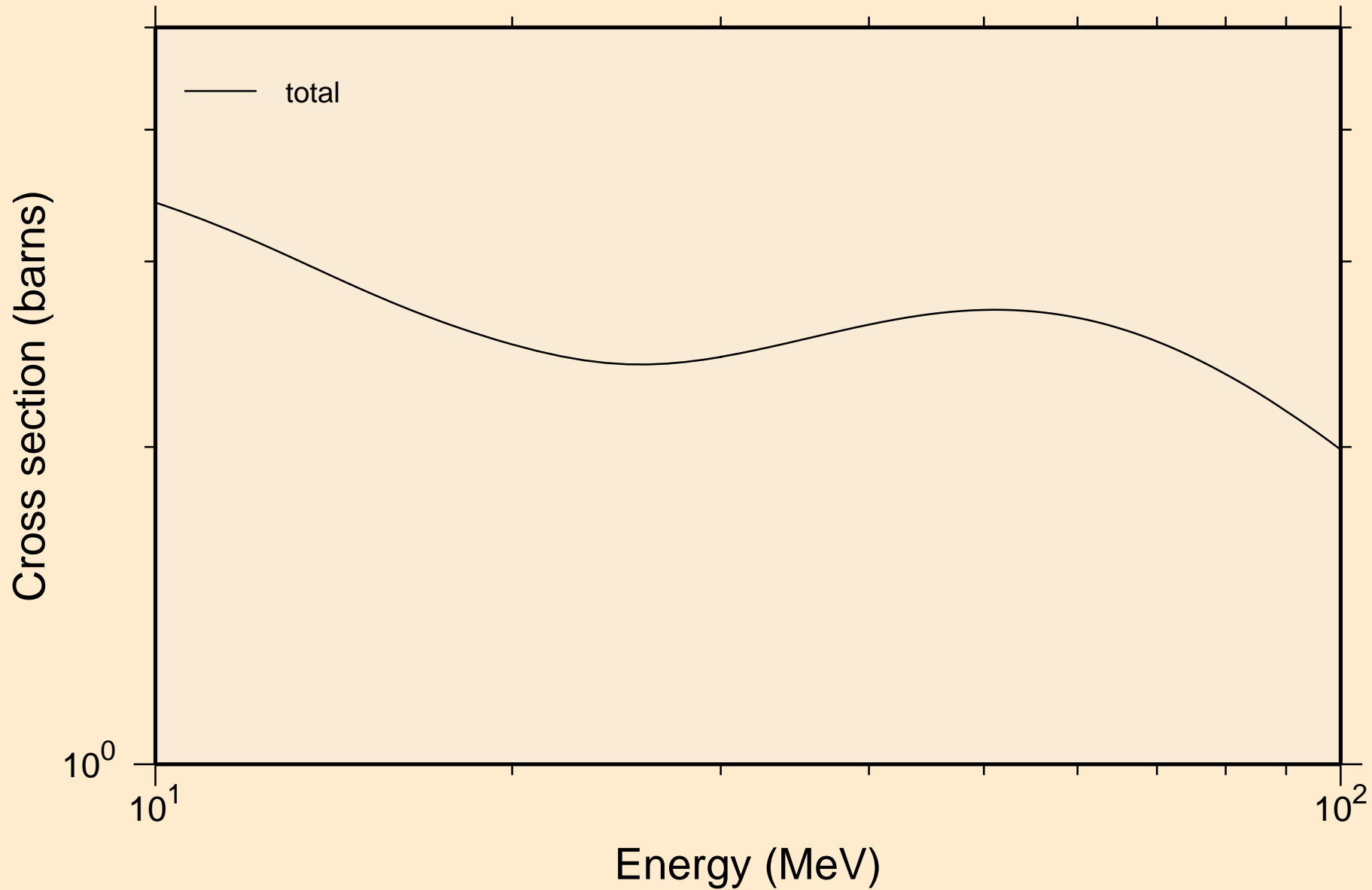
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resonance total cross section



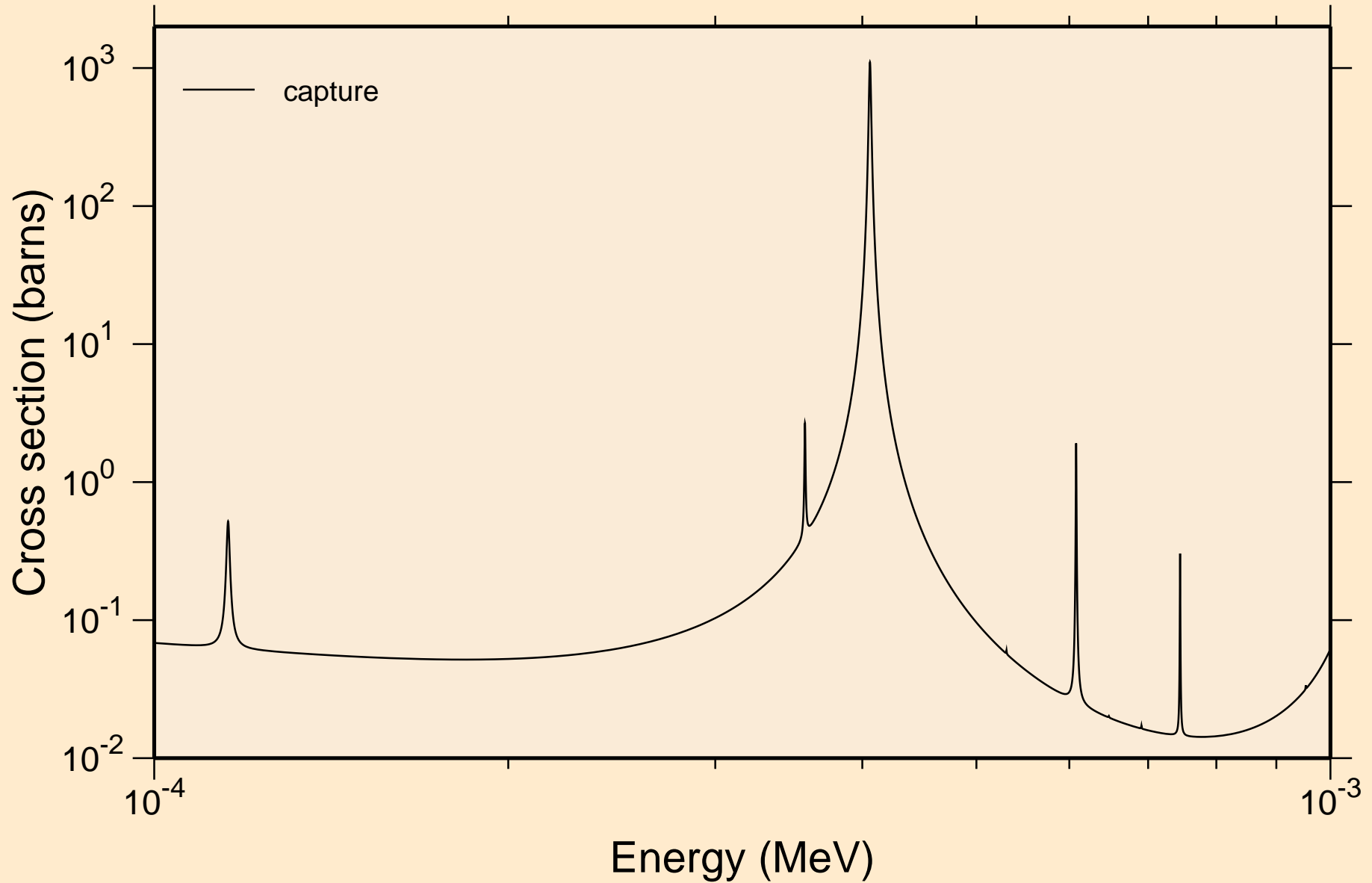
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



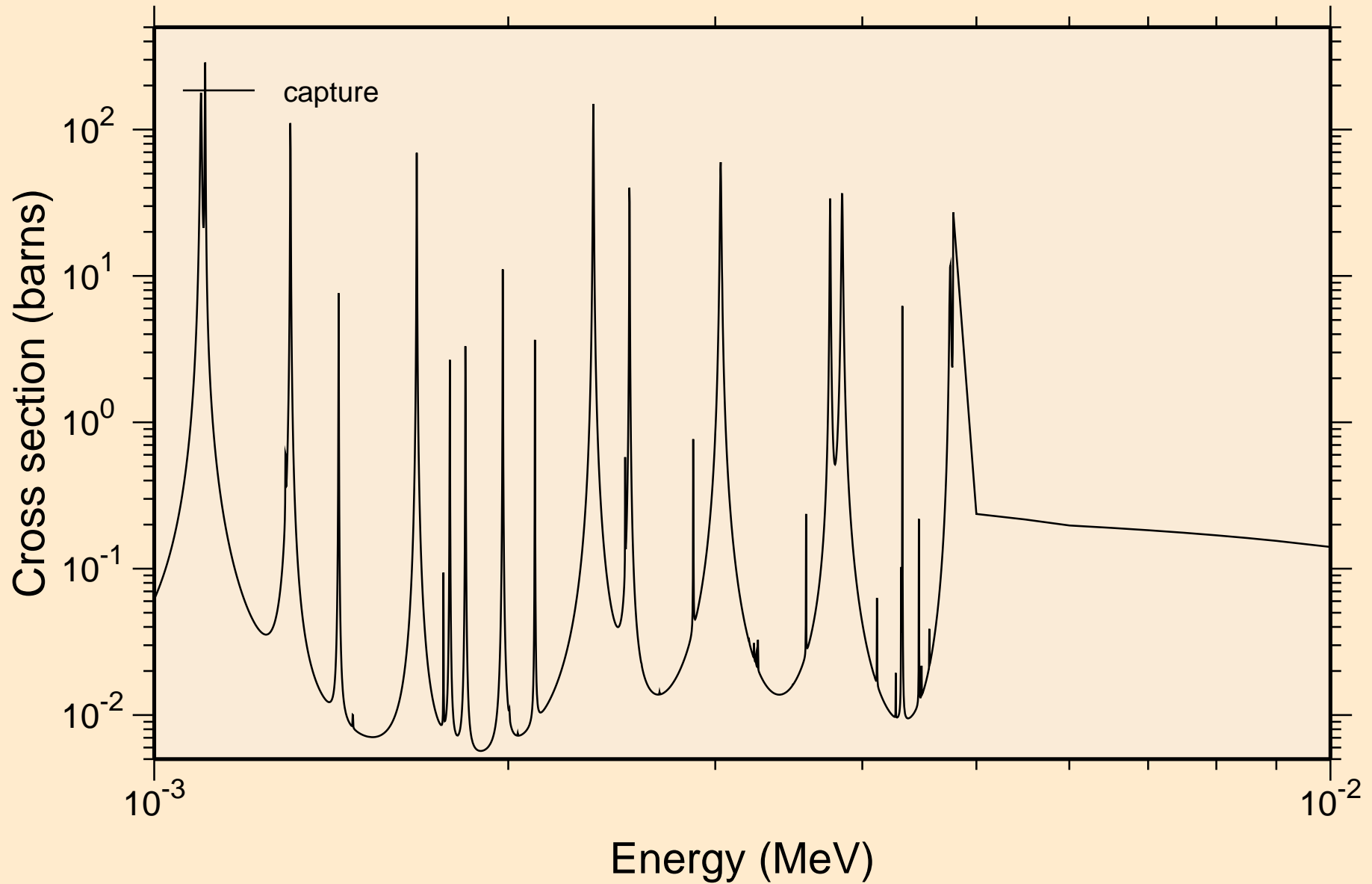
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



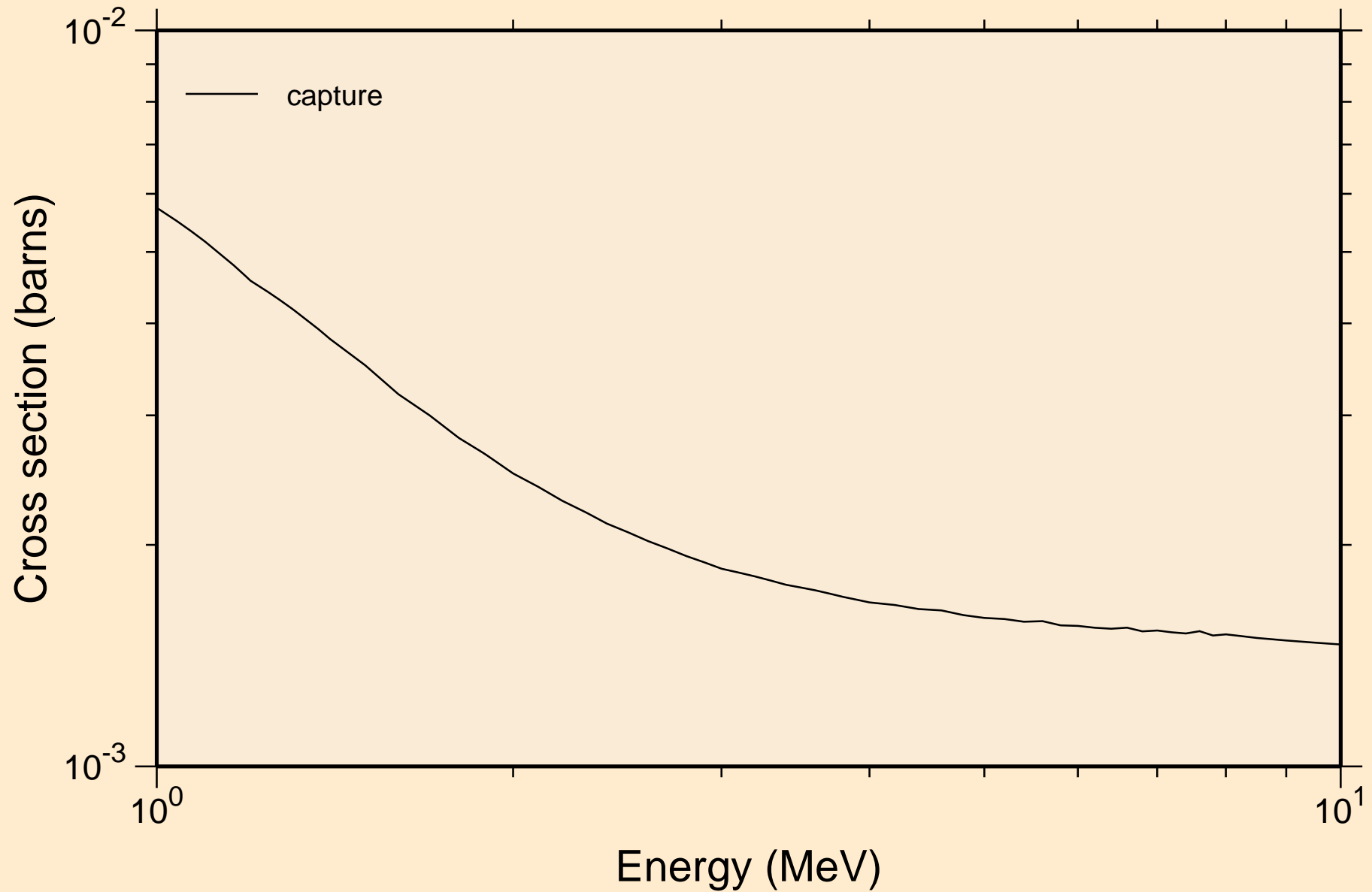
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



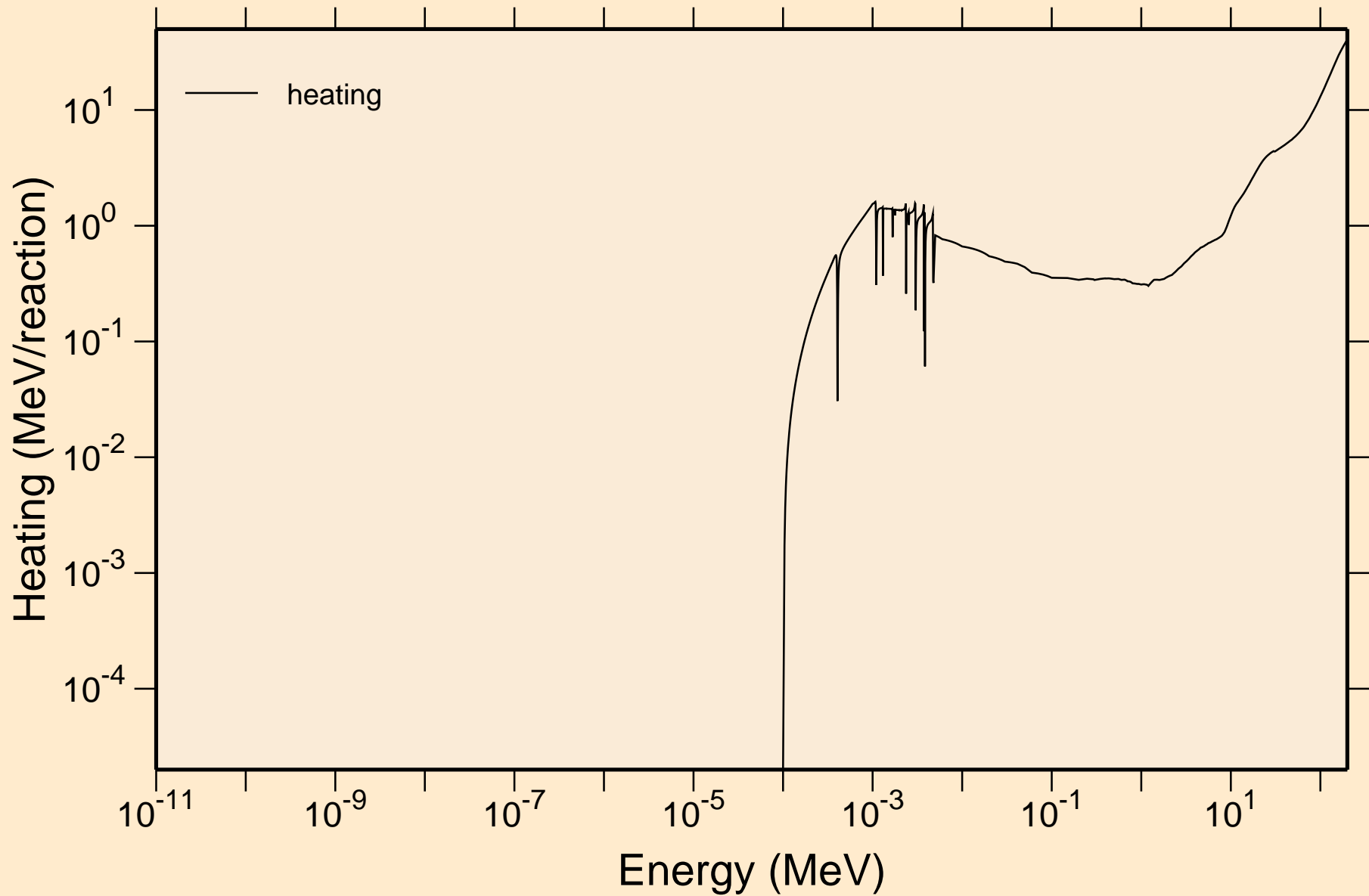
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

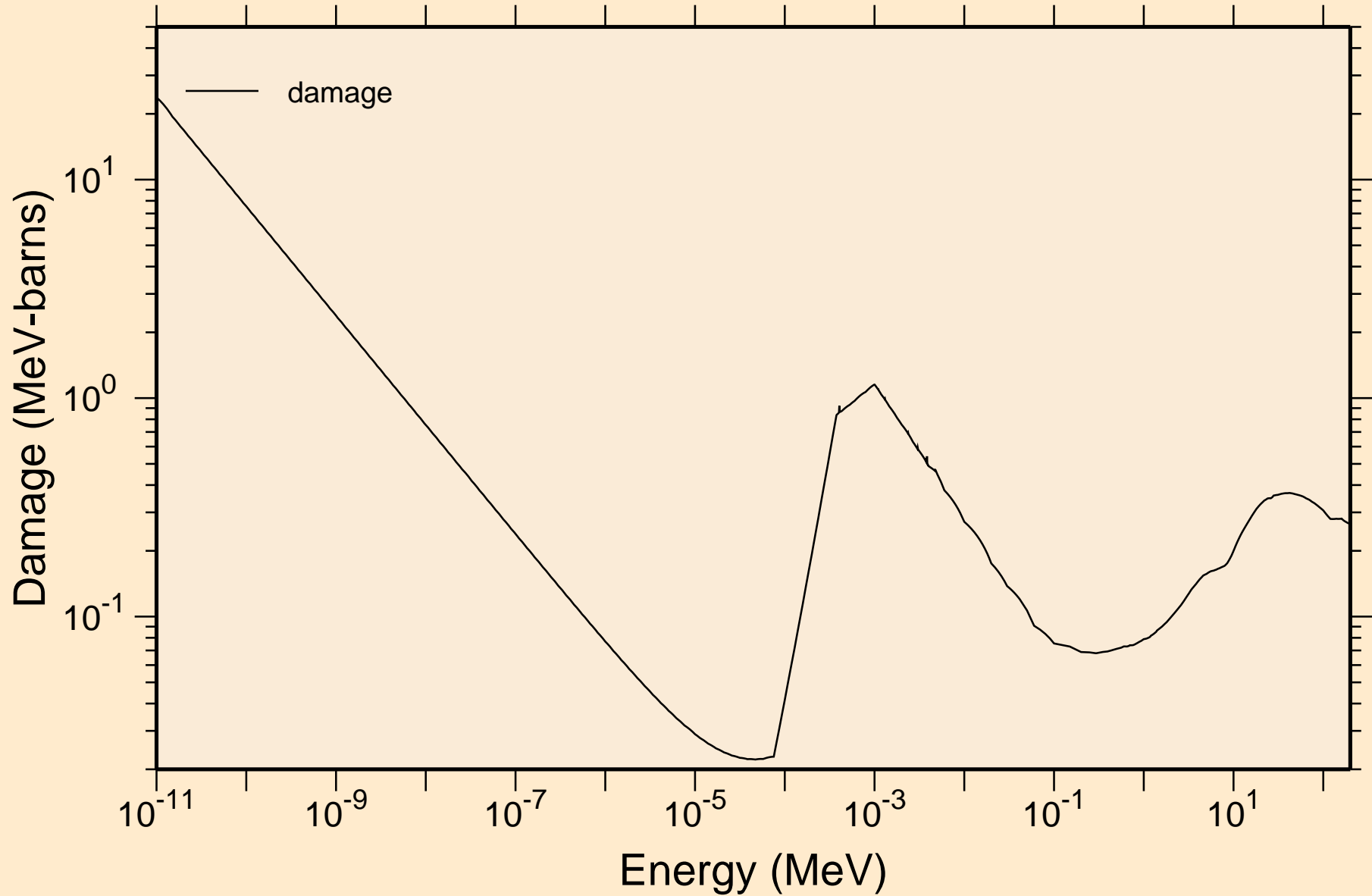


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



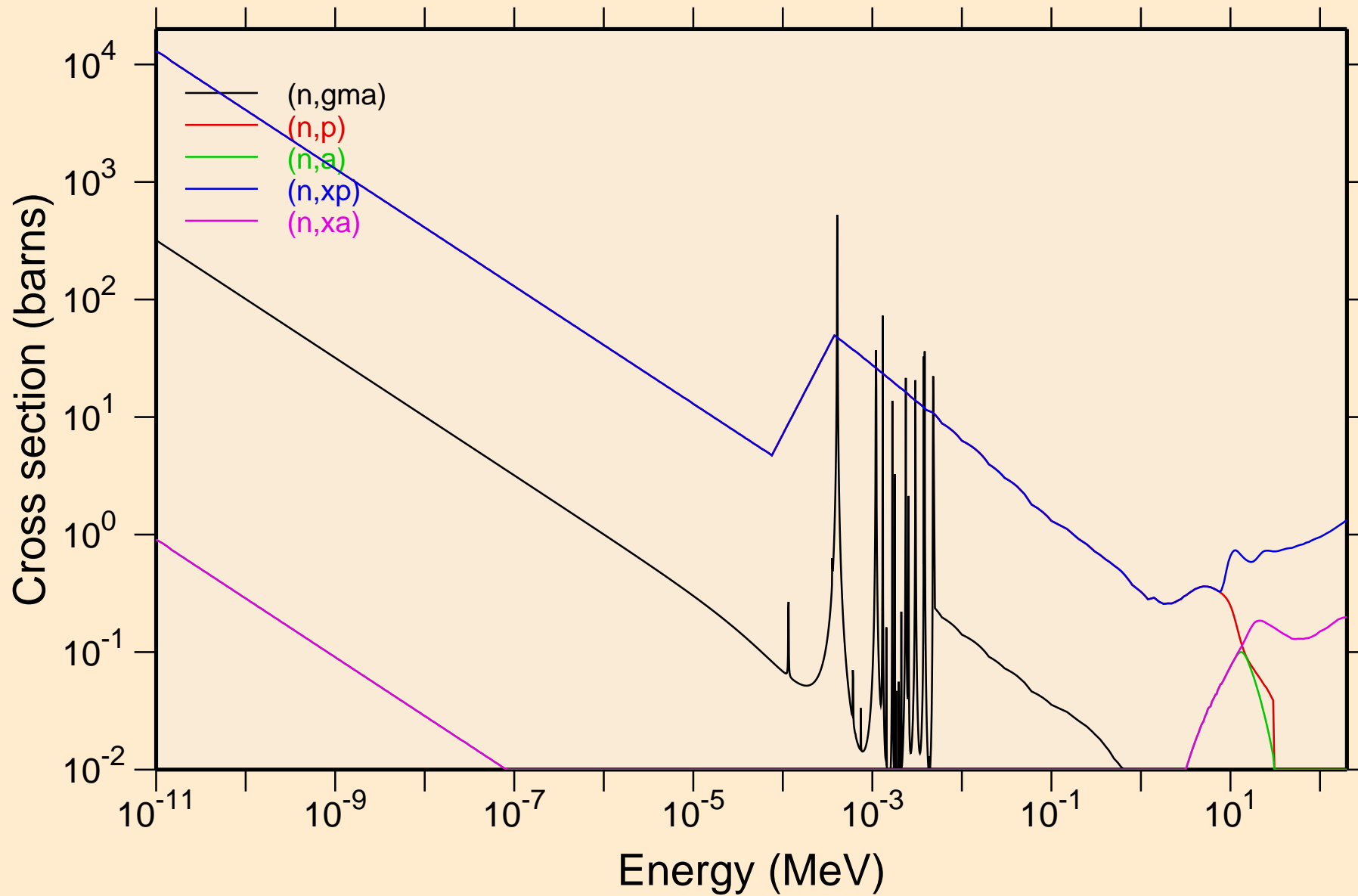


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



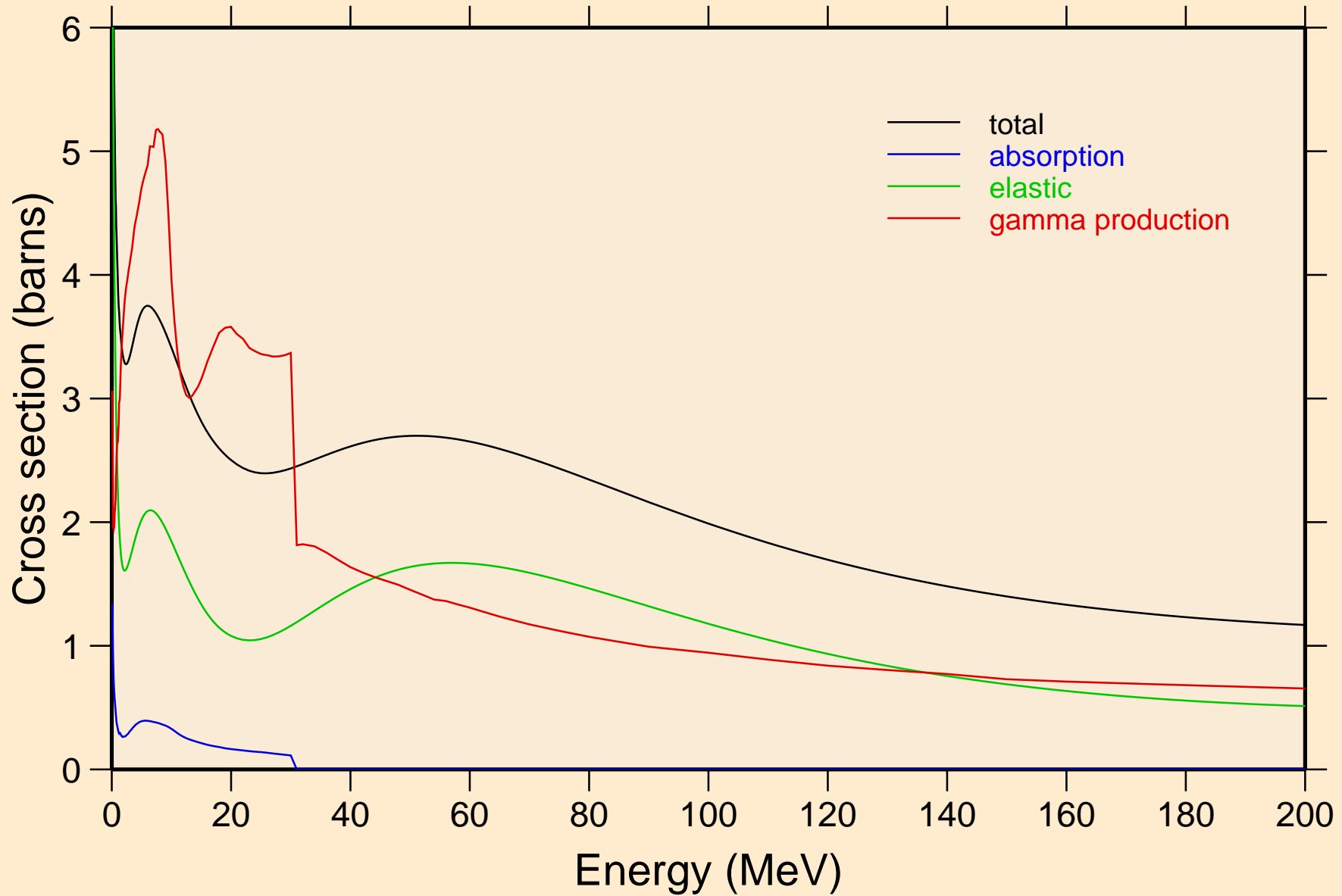
# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



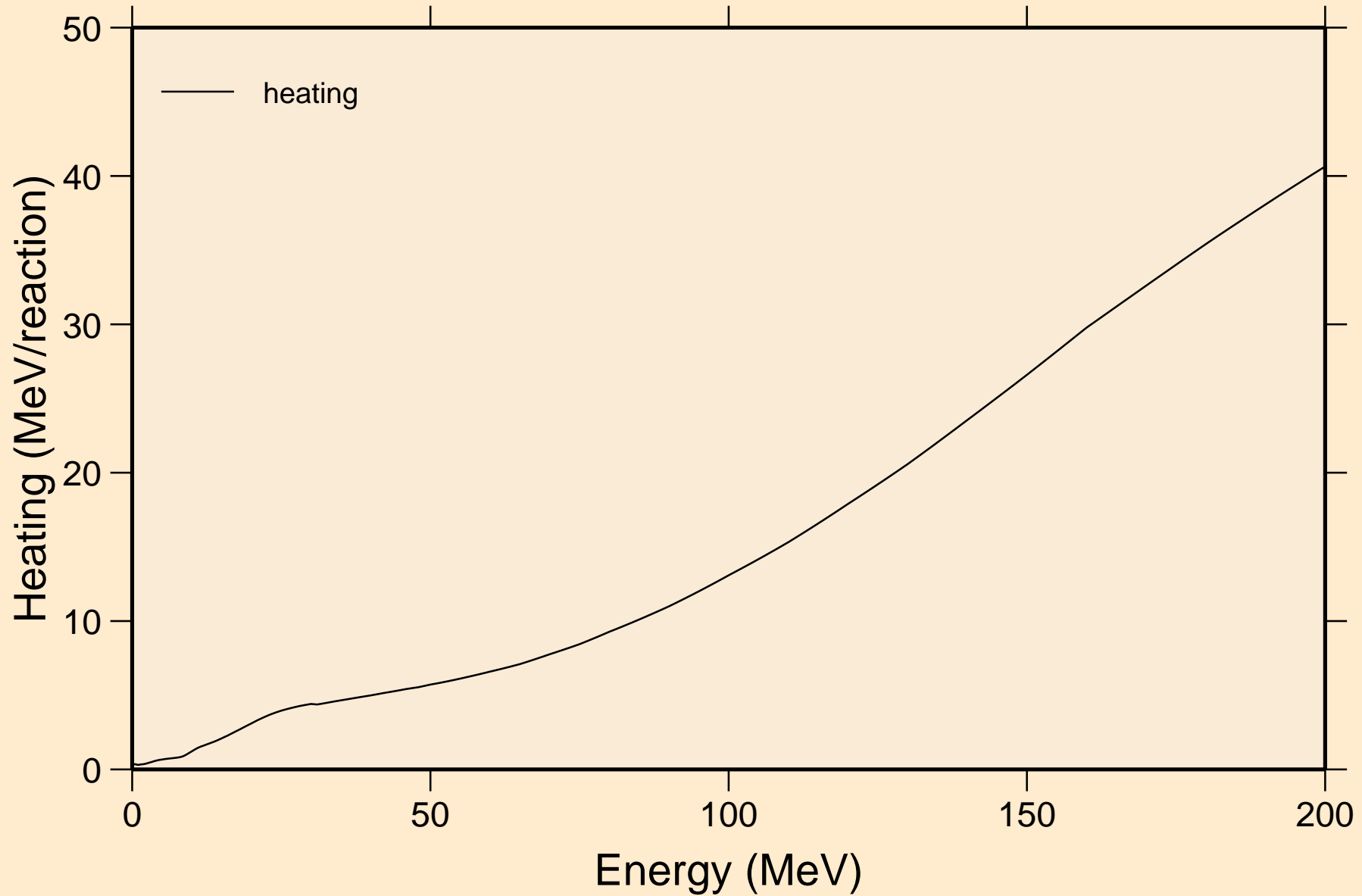
# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

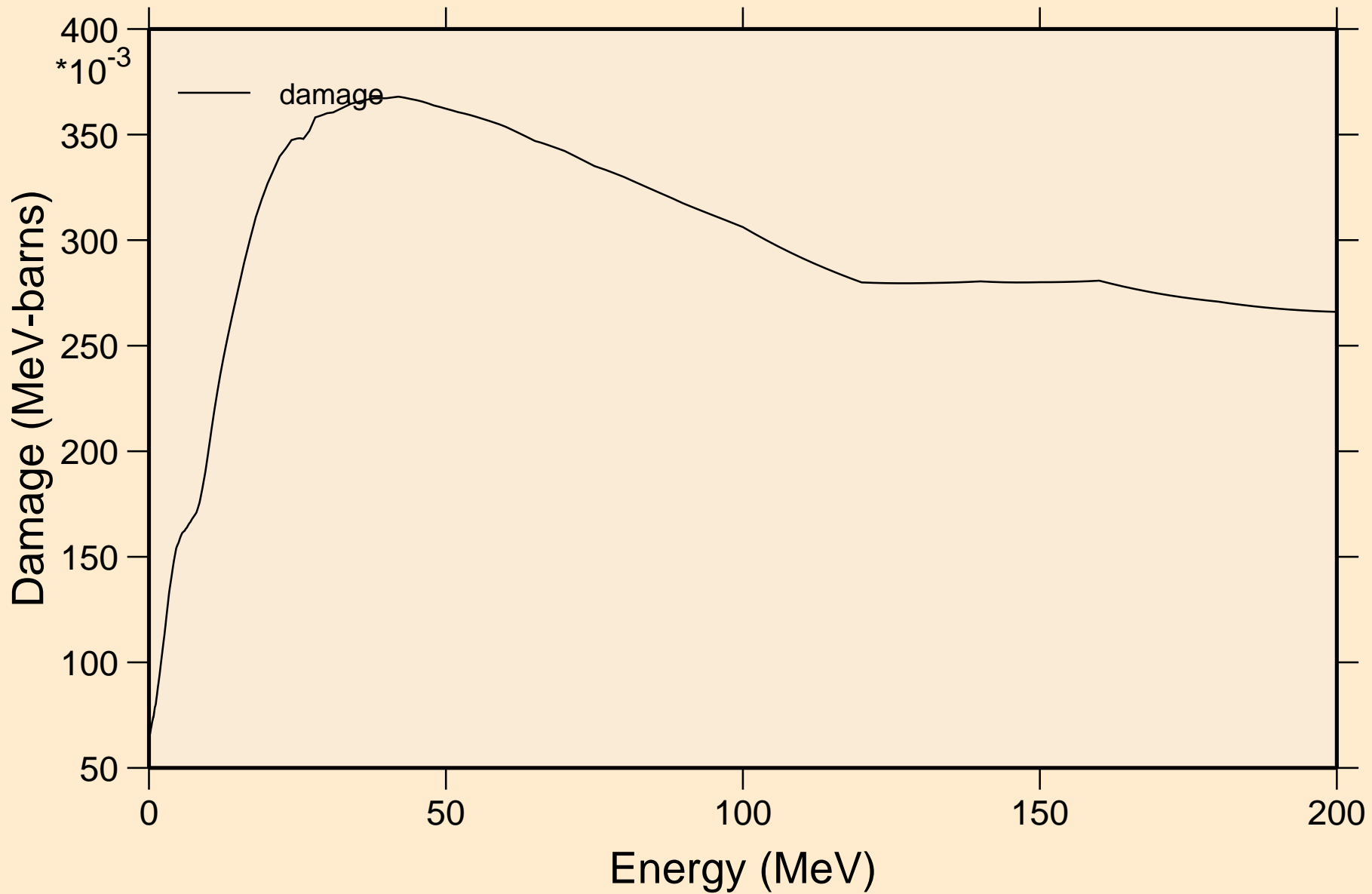


# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

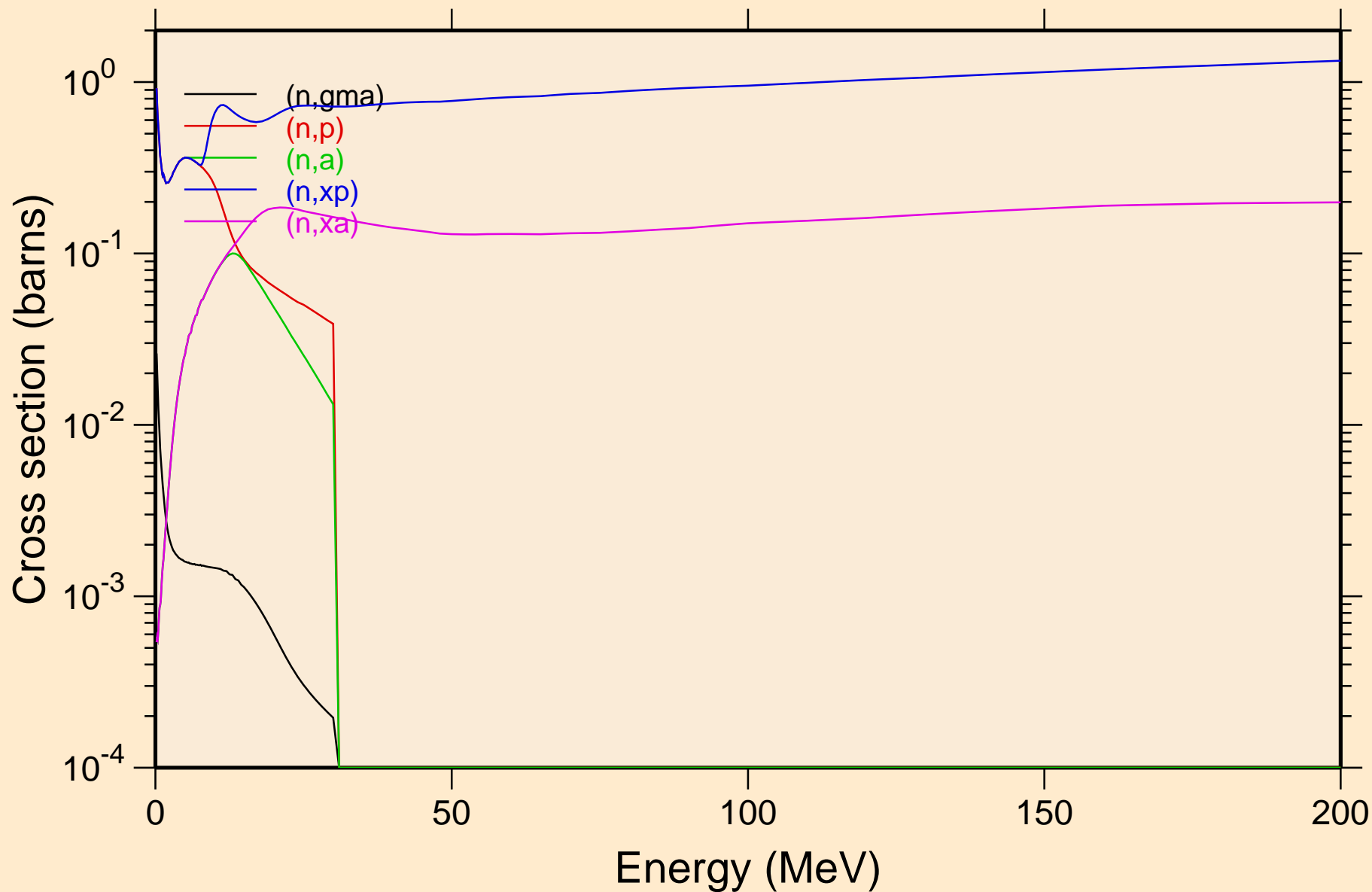
## Heating



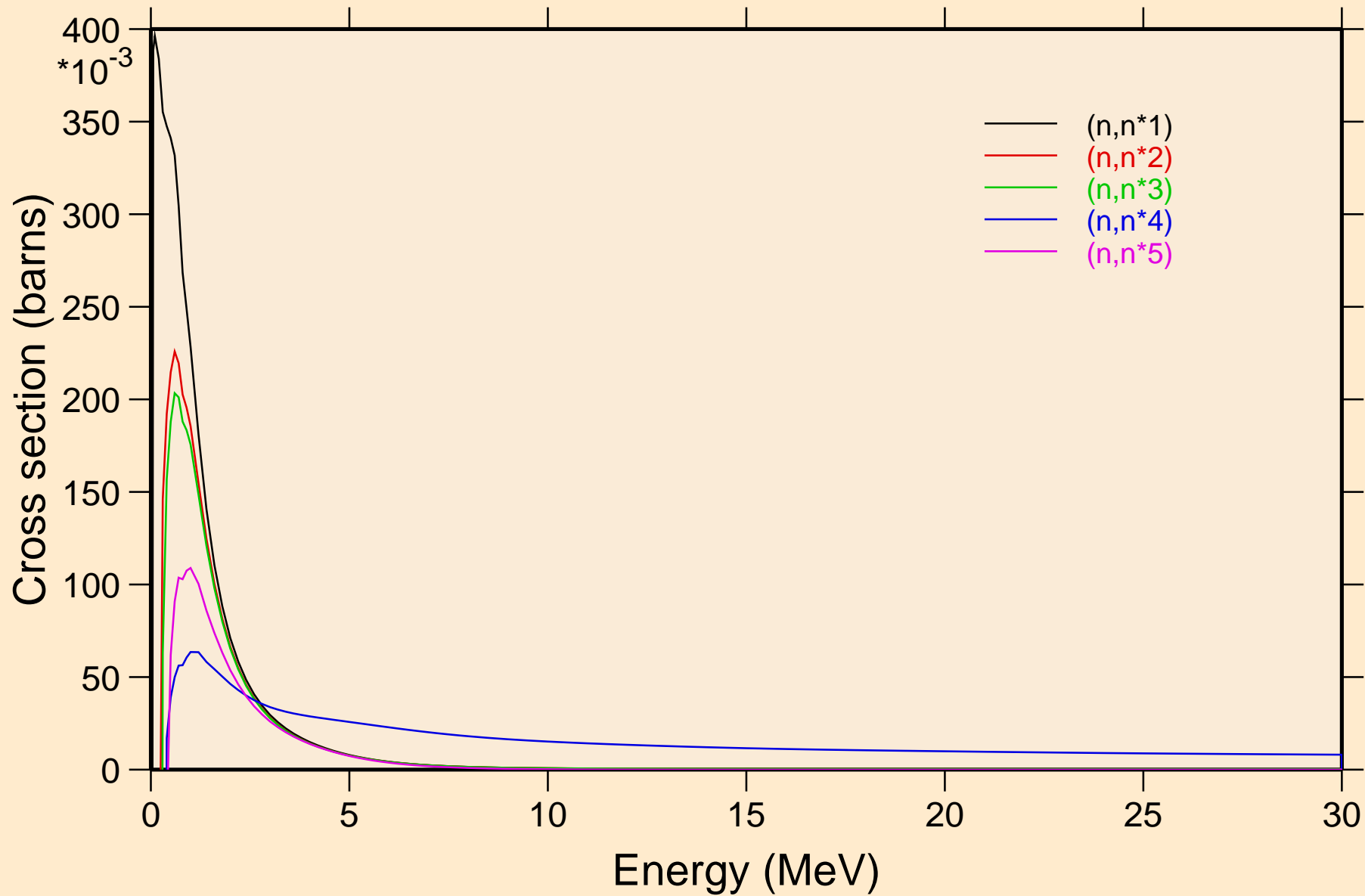
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



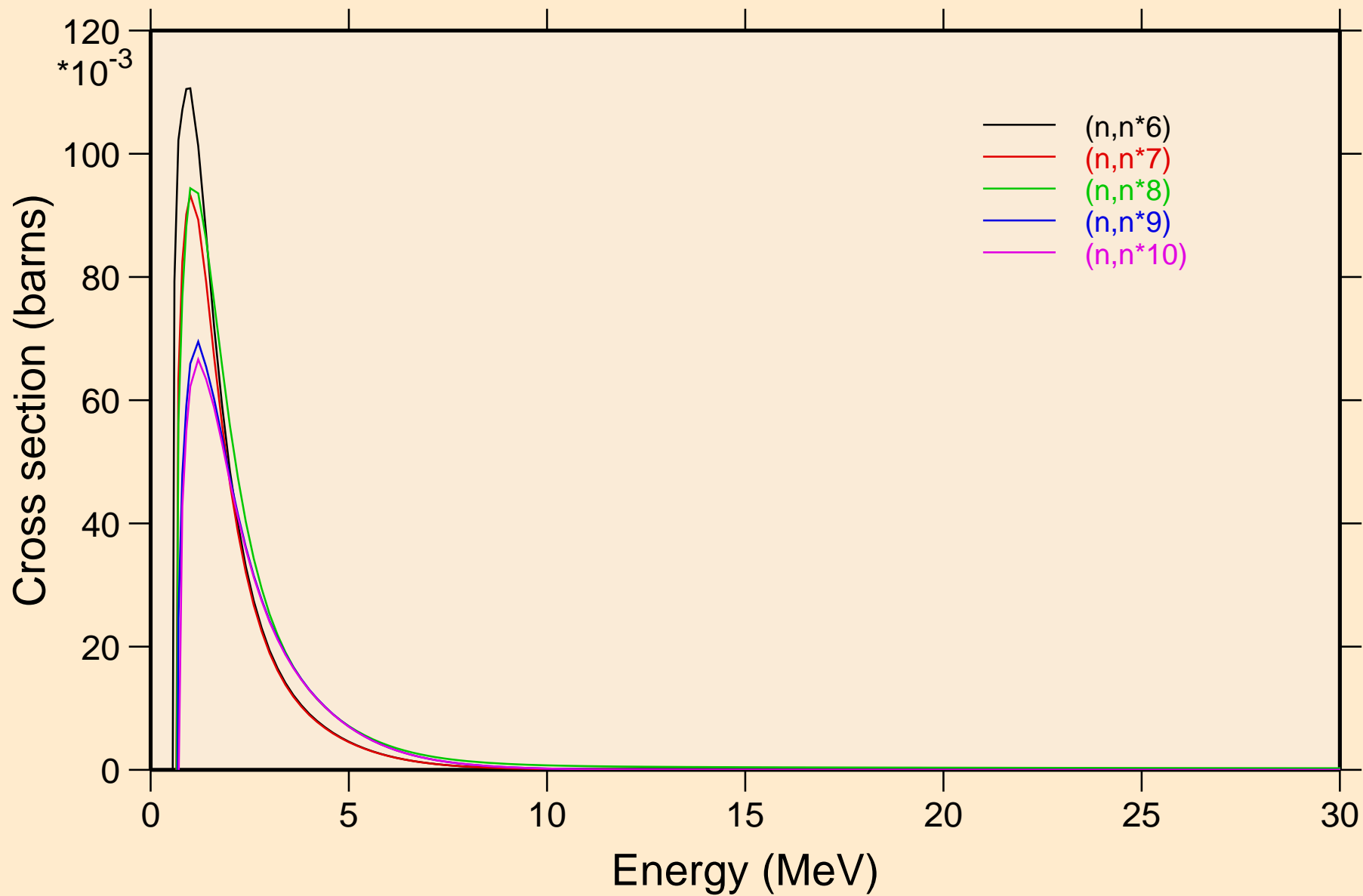
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

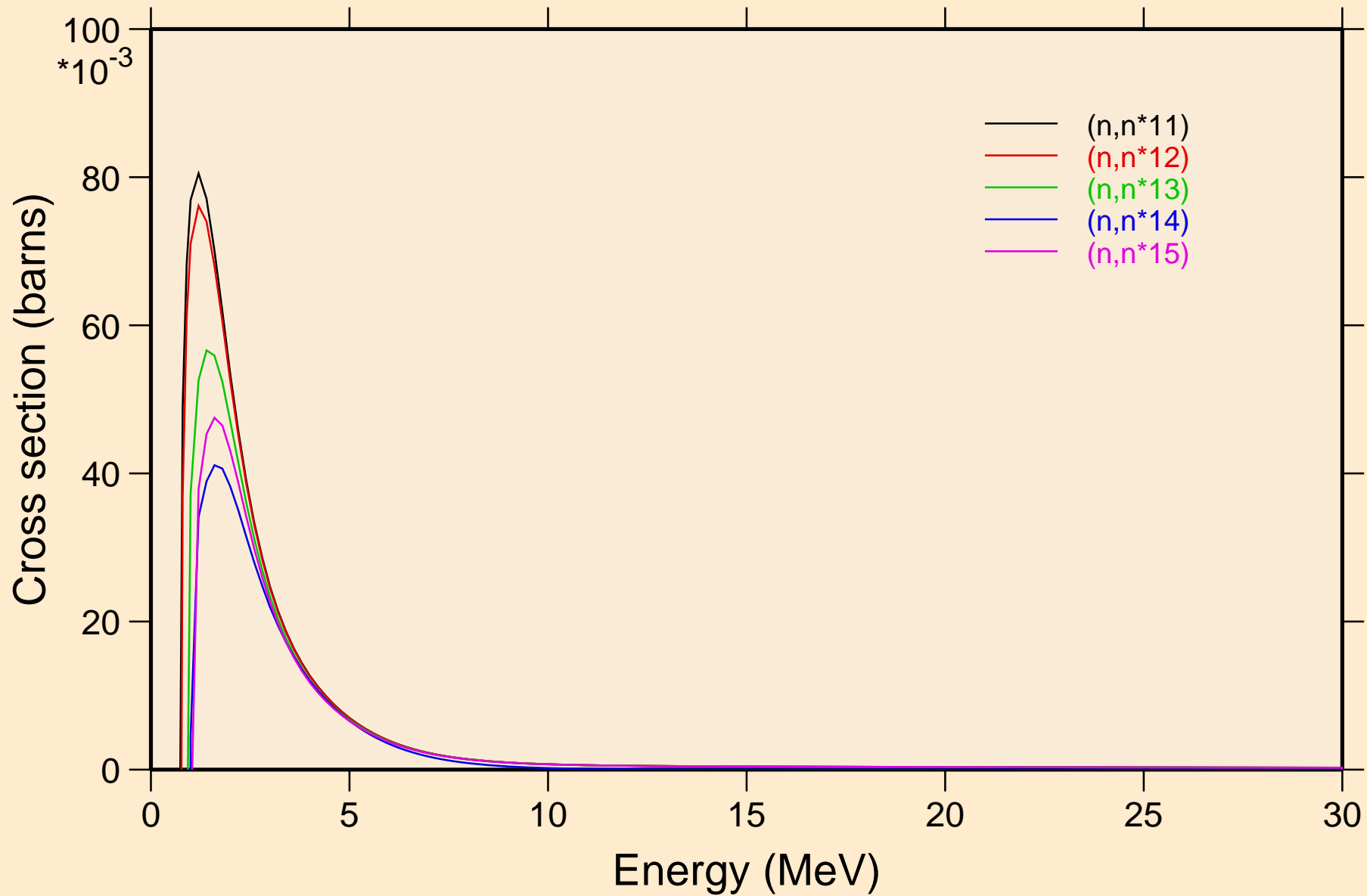


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

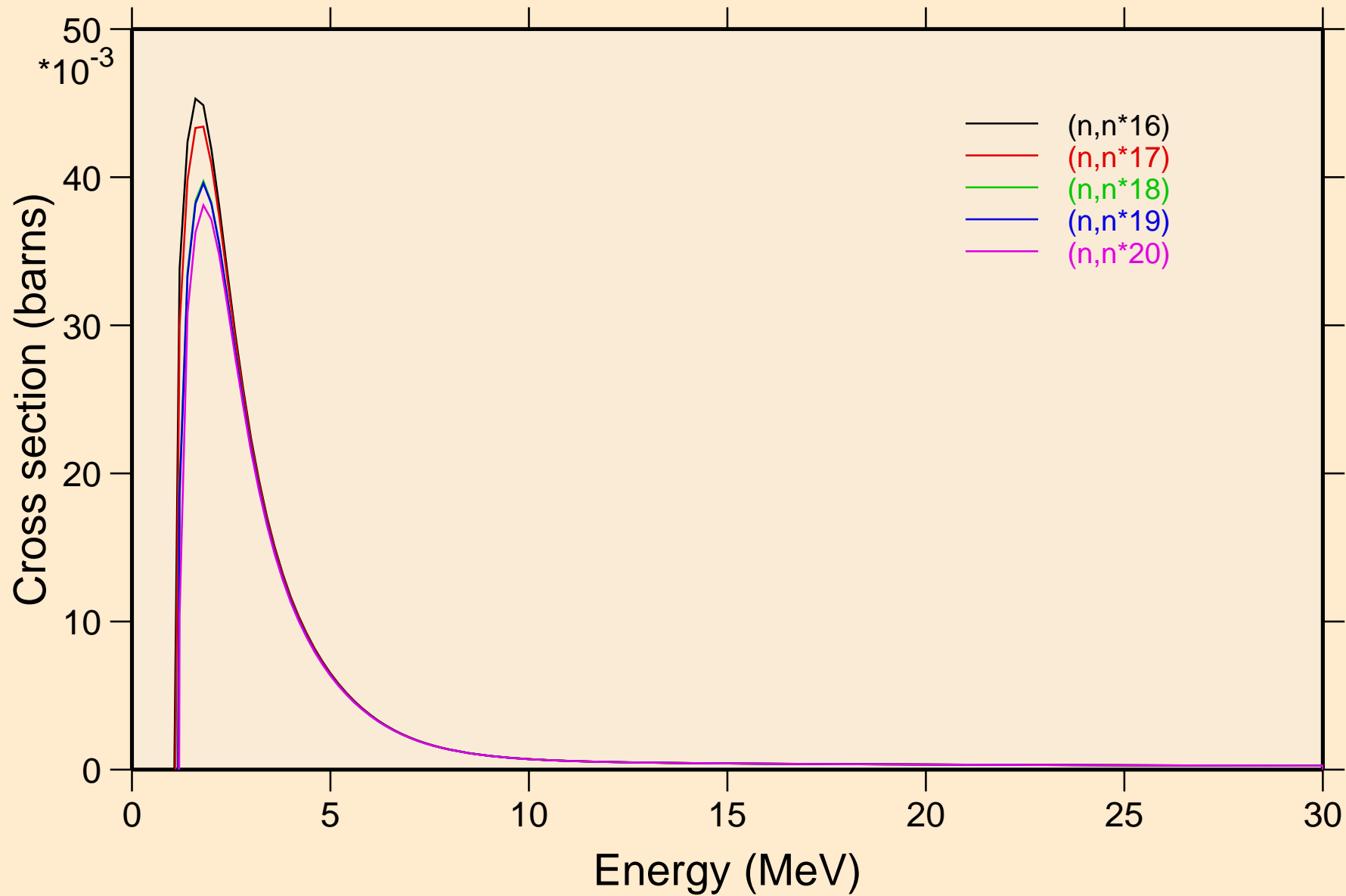




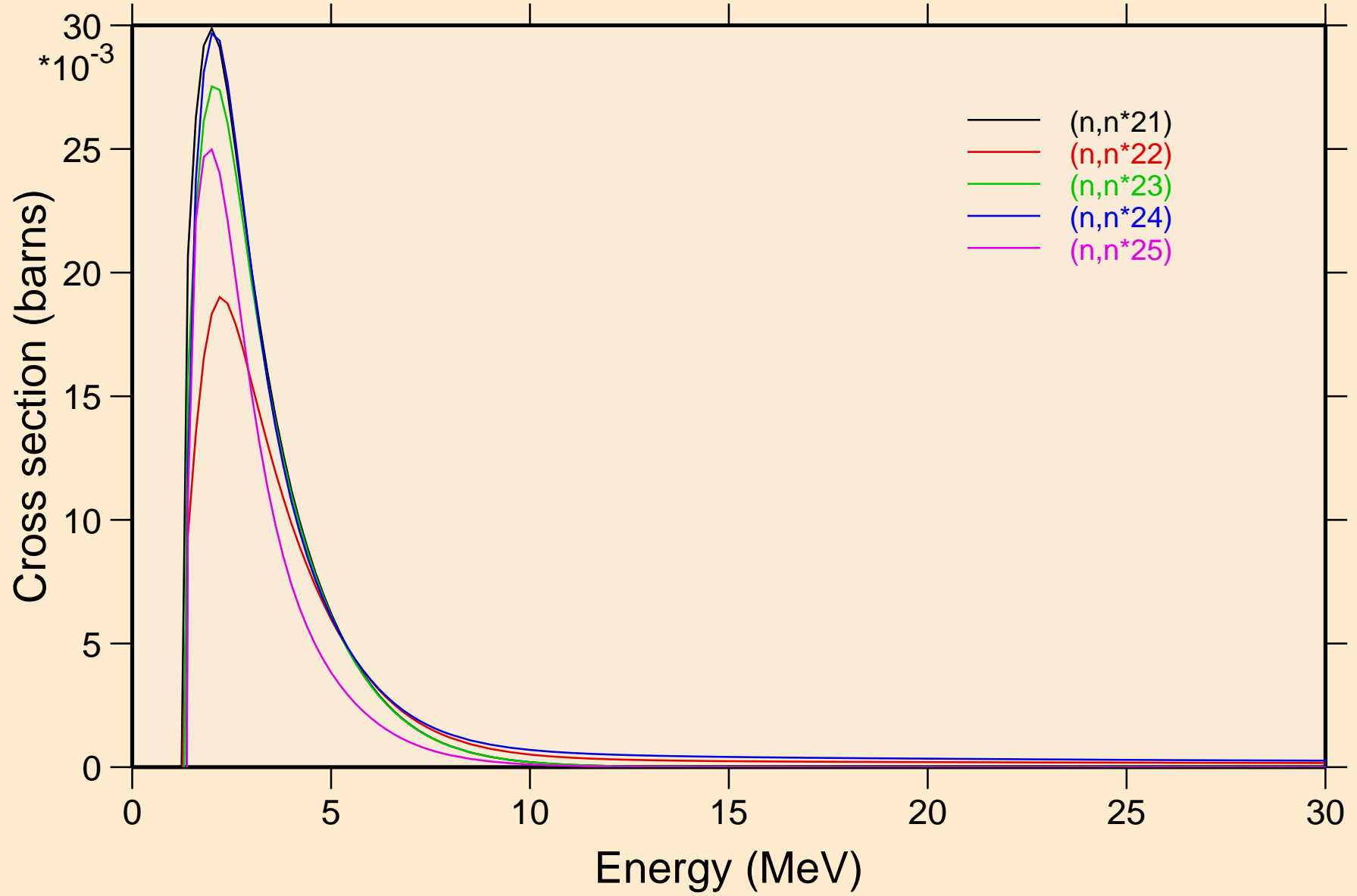
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



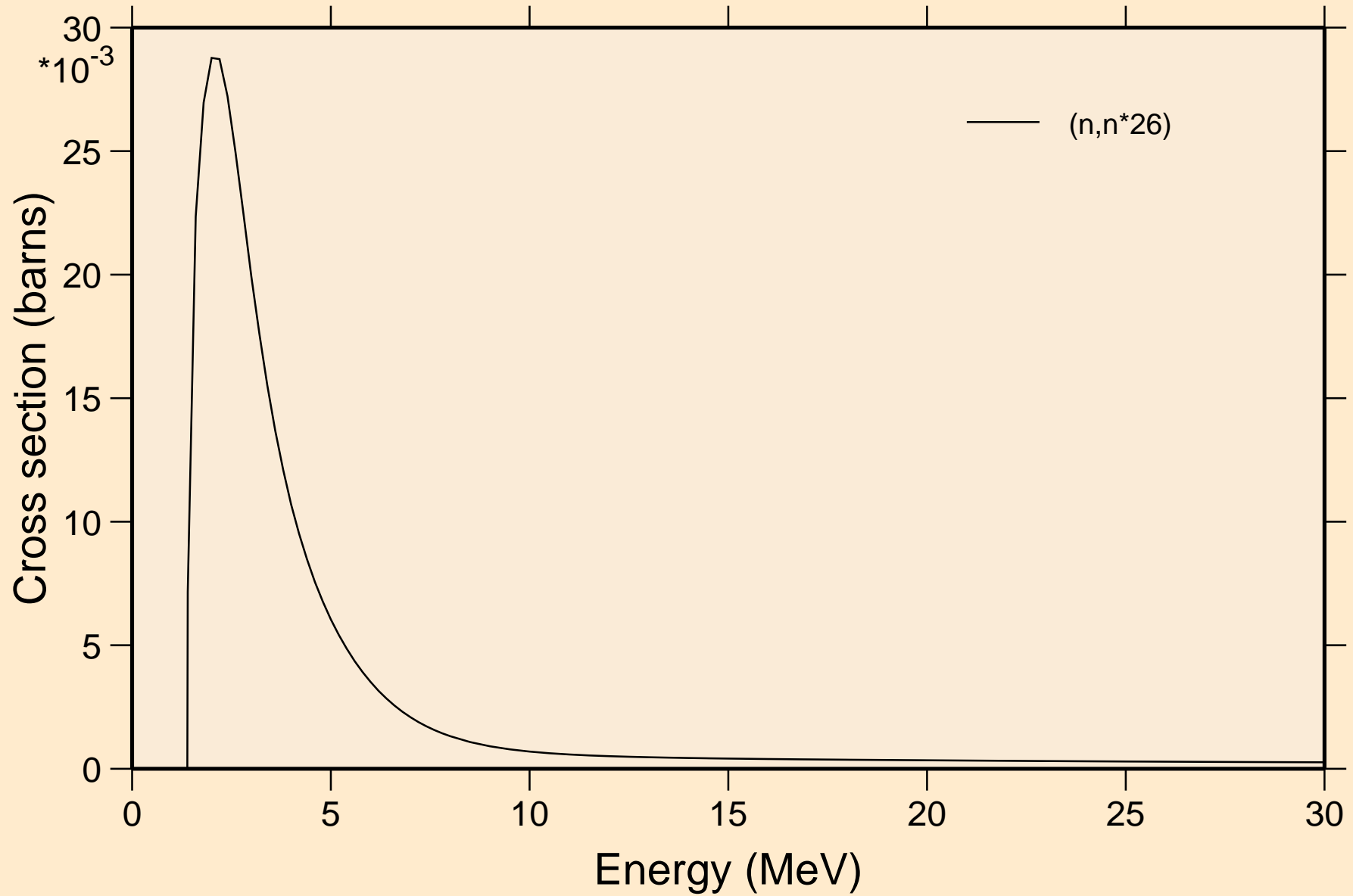
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Inelastic levels



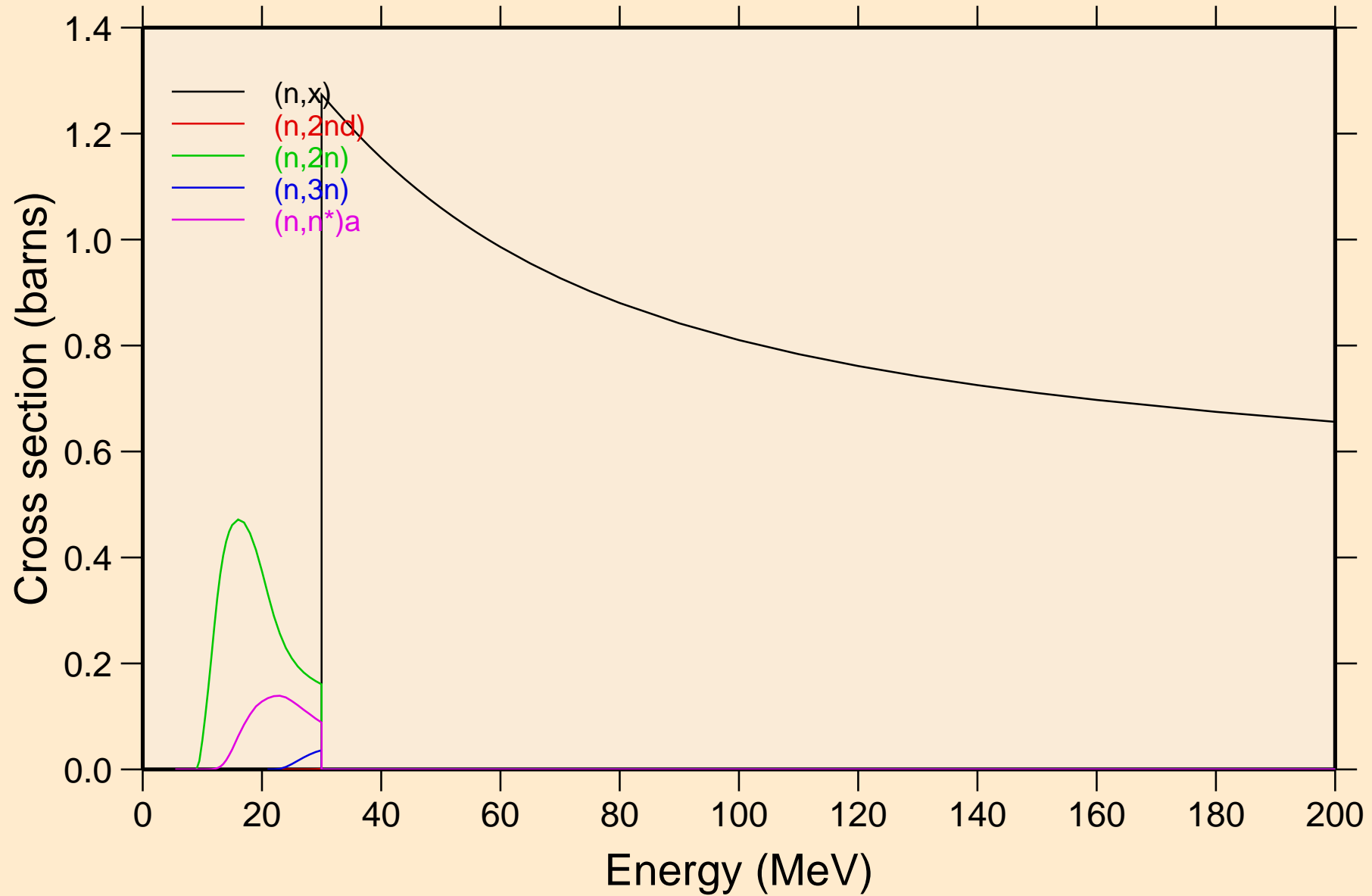
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

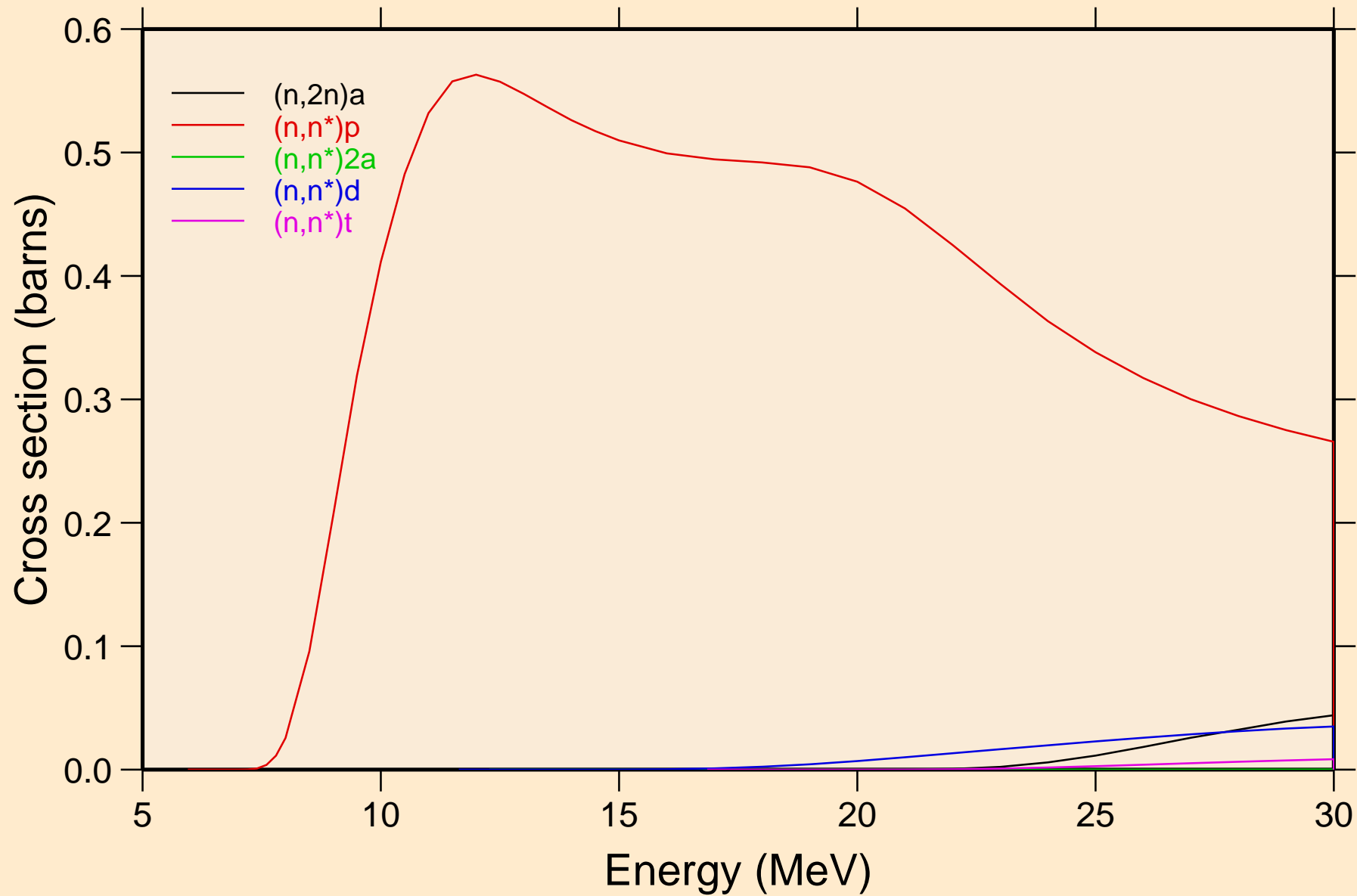


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



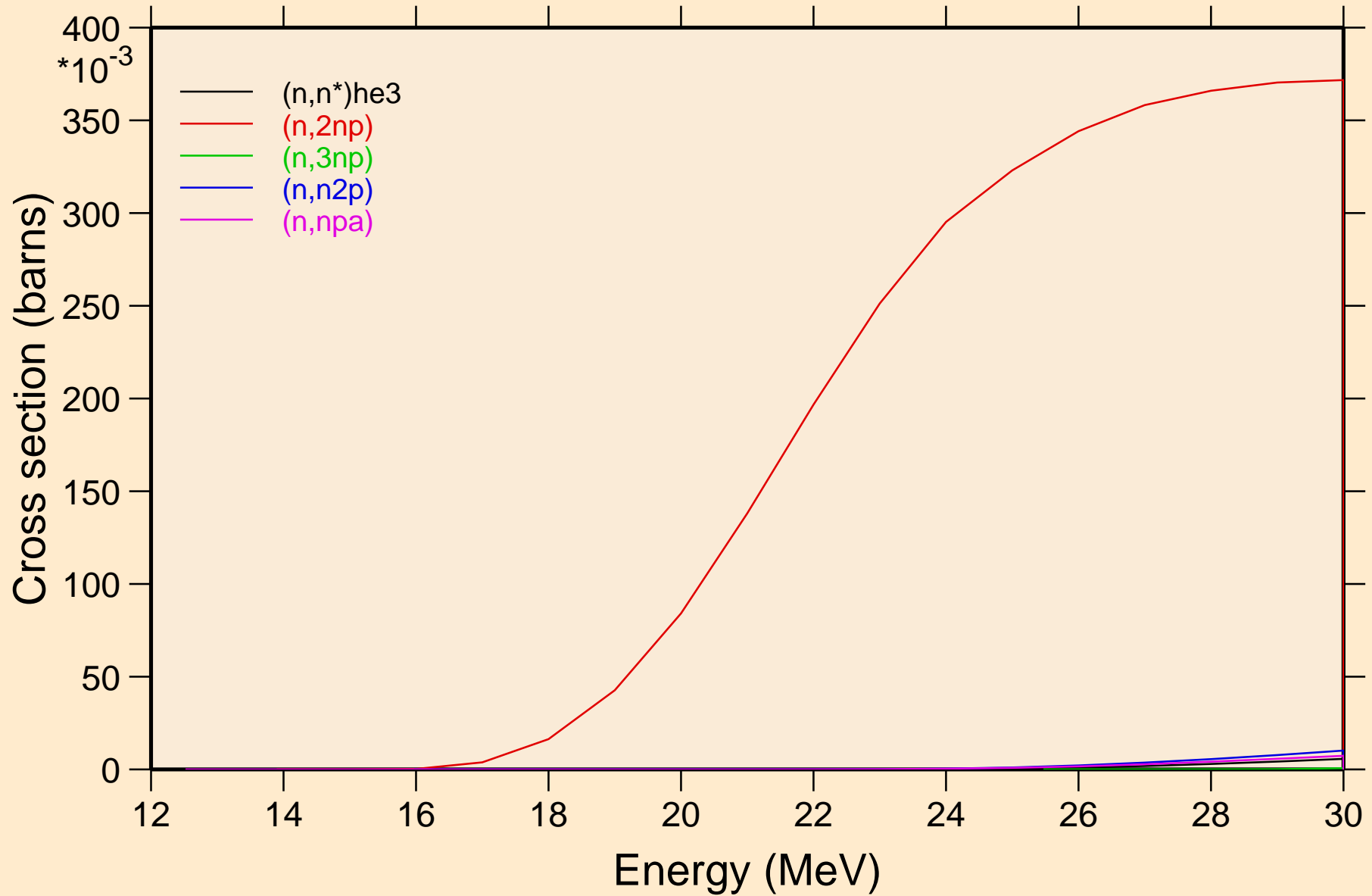
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## Threshold reactions

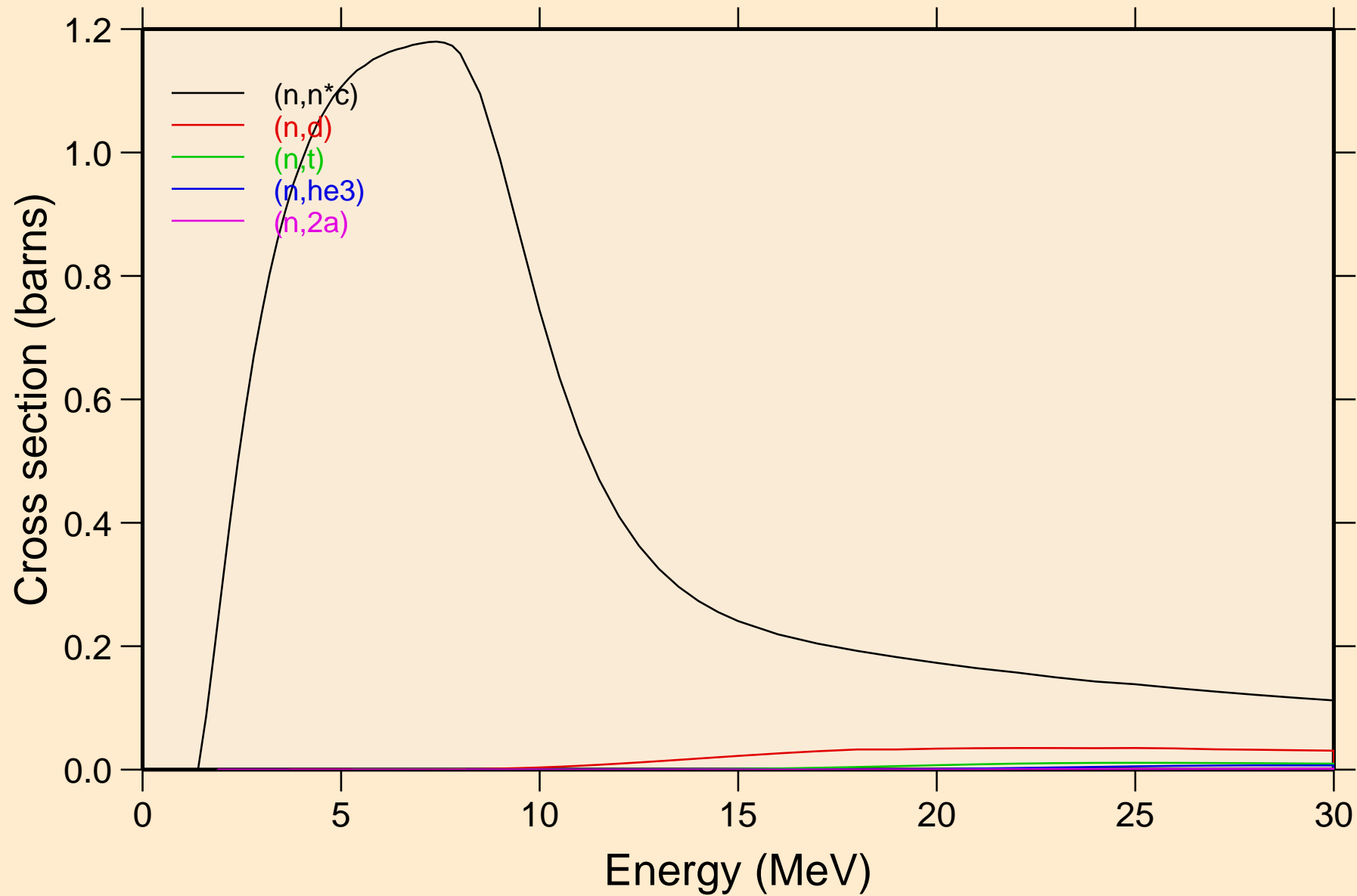


# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



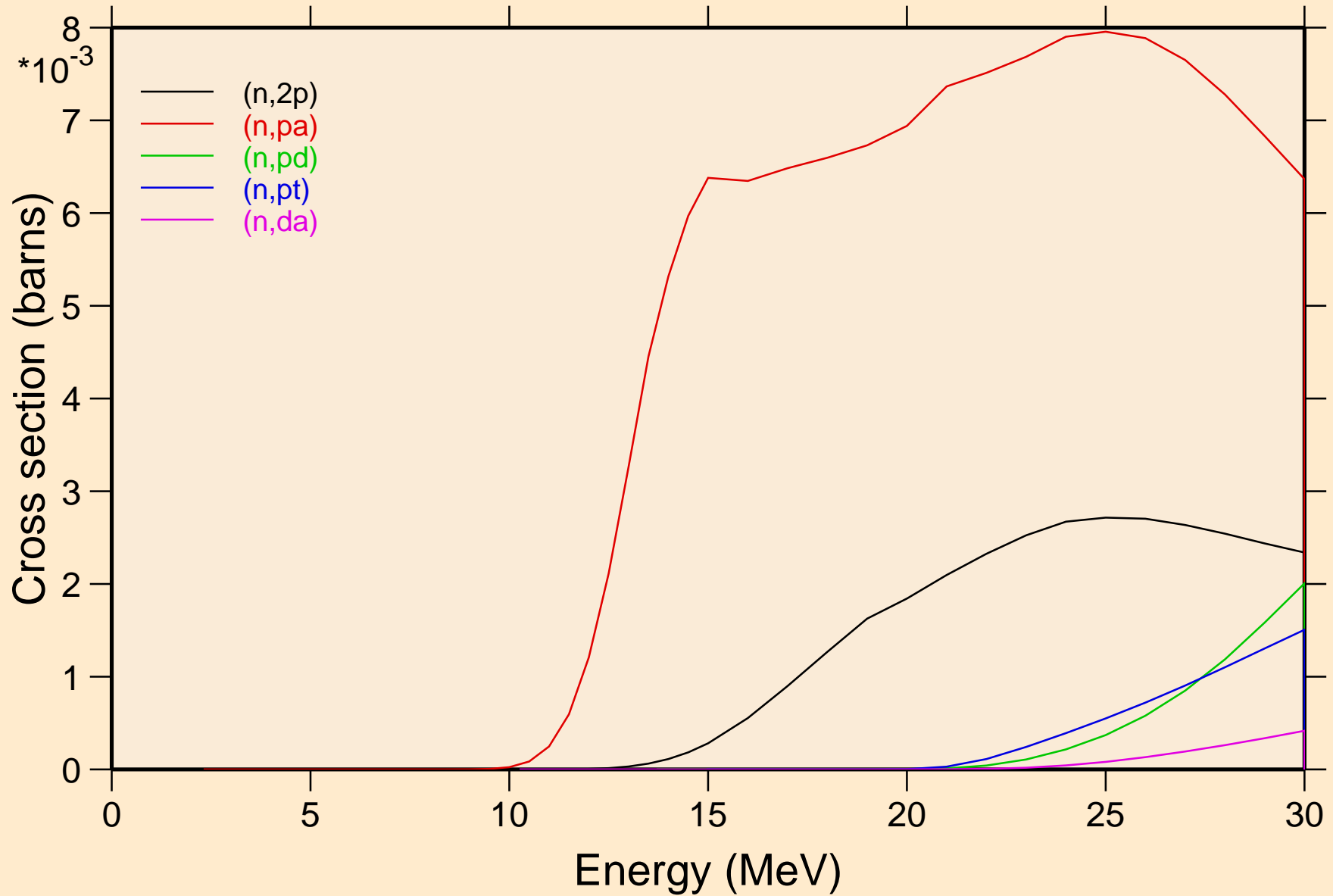
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions





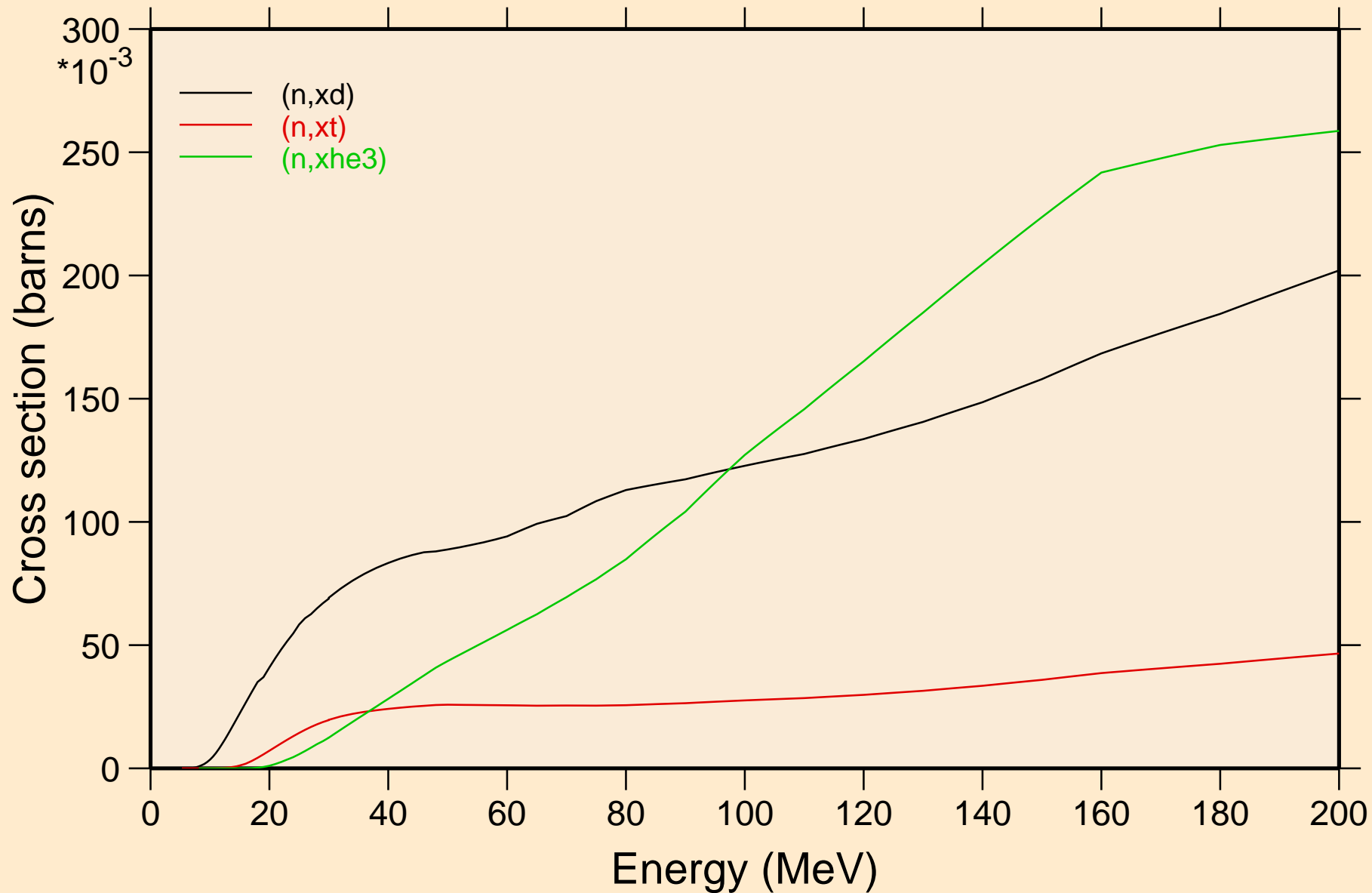
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## Threshold reactions

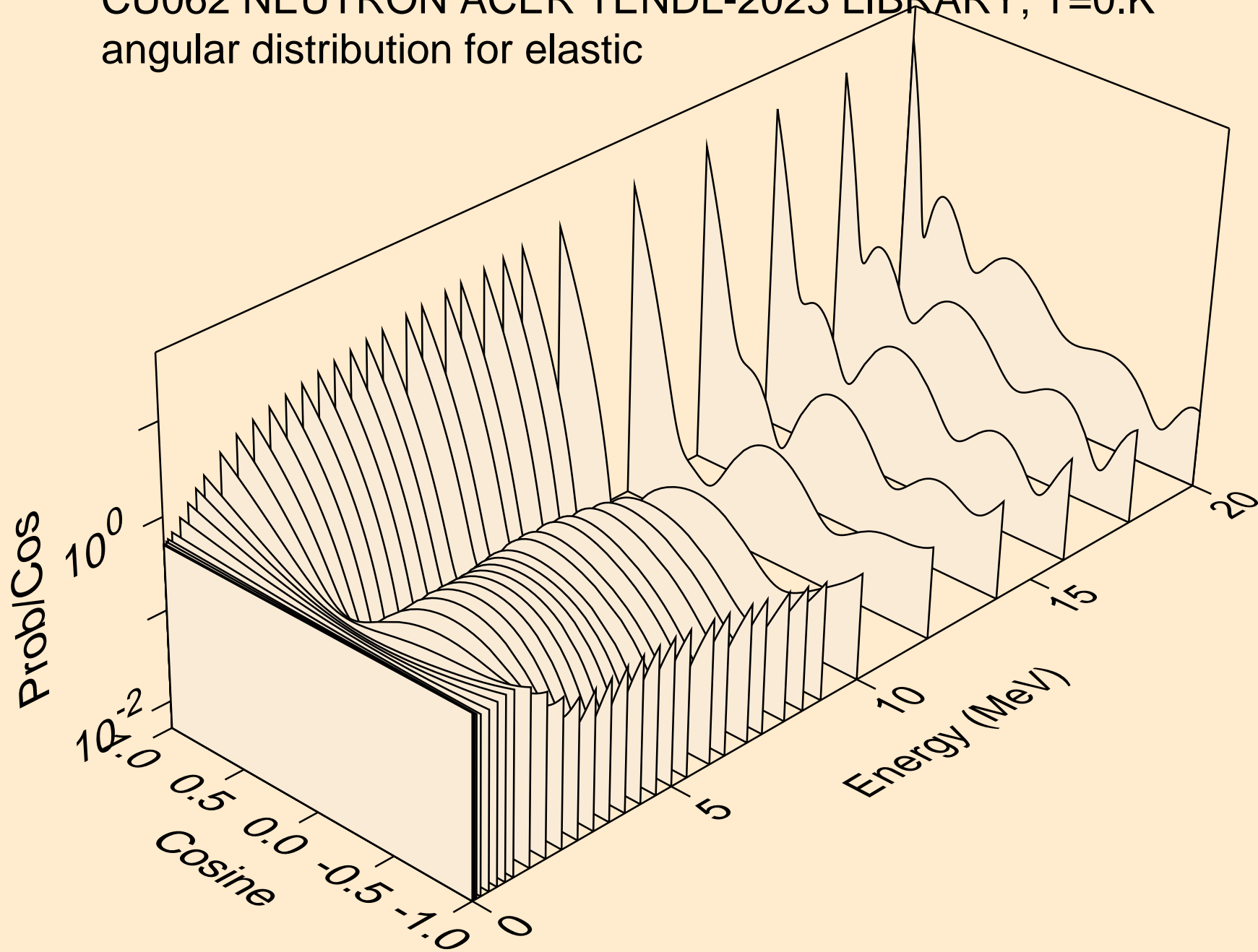


# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

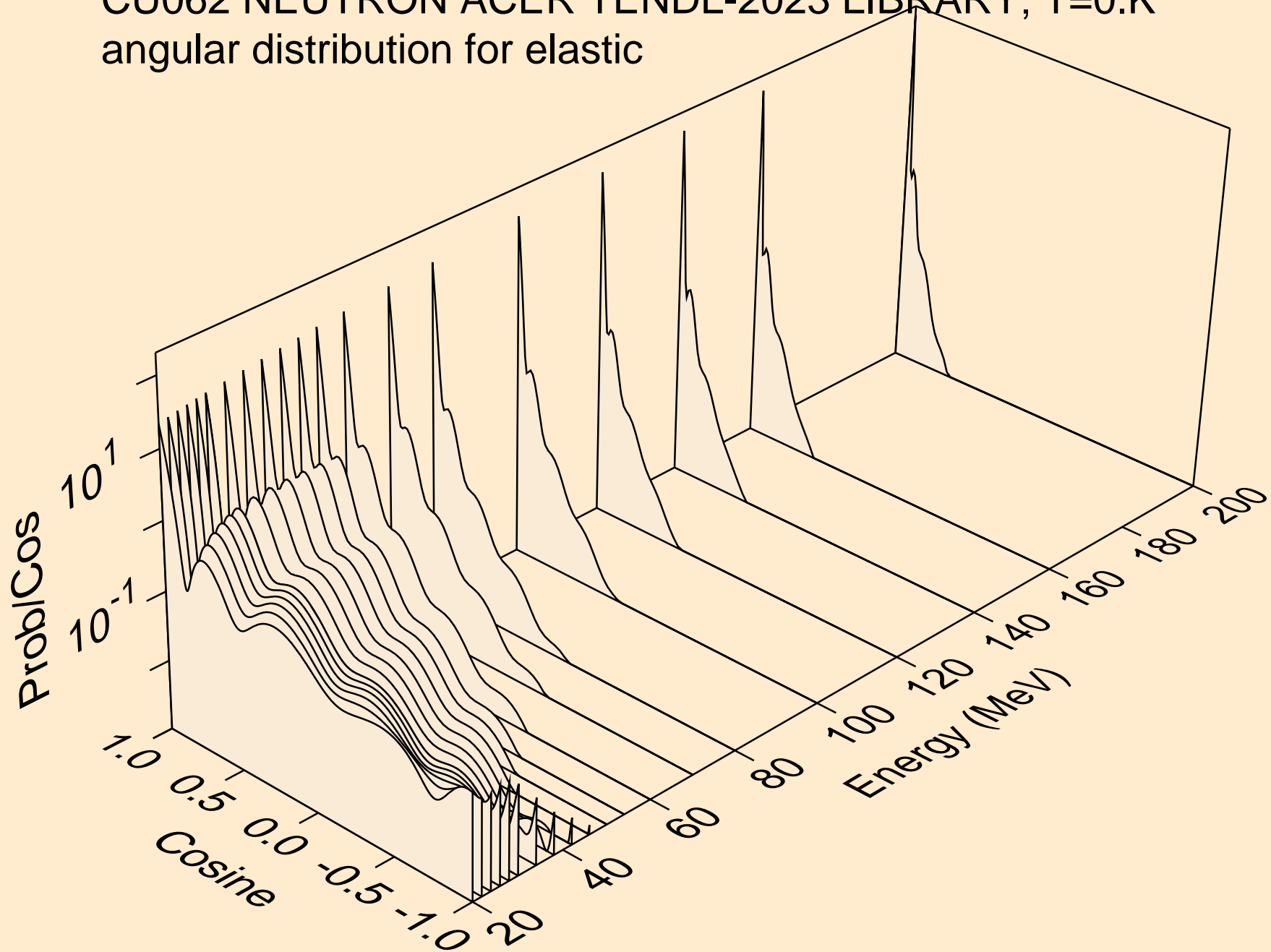
## Threshold reactions



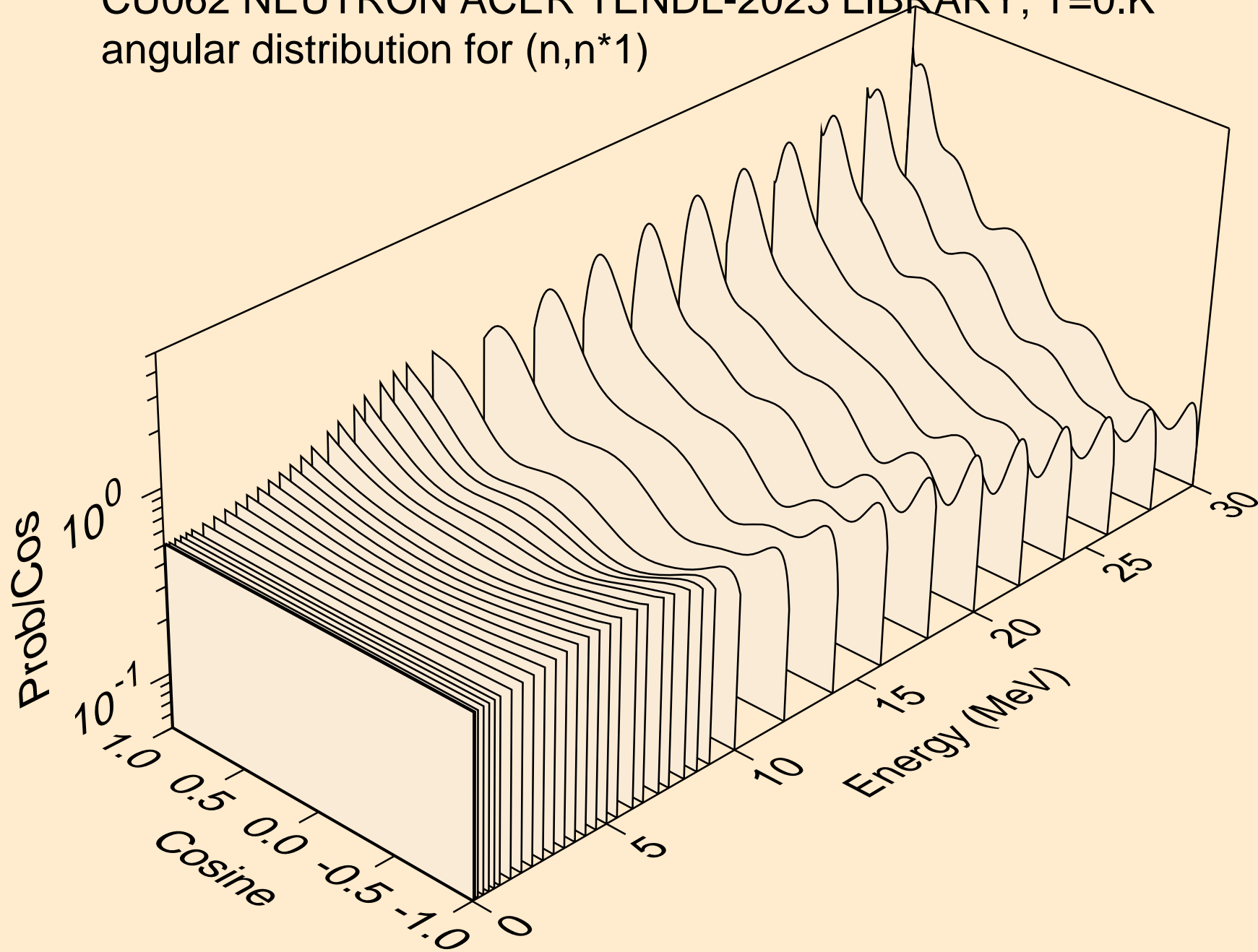
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



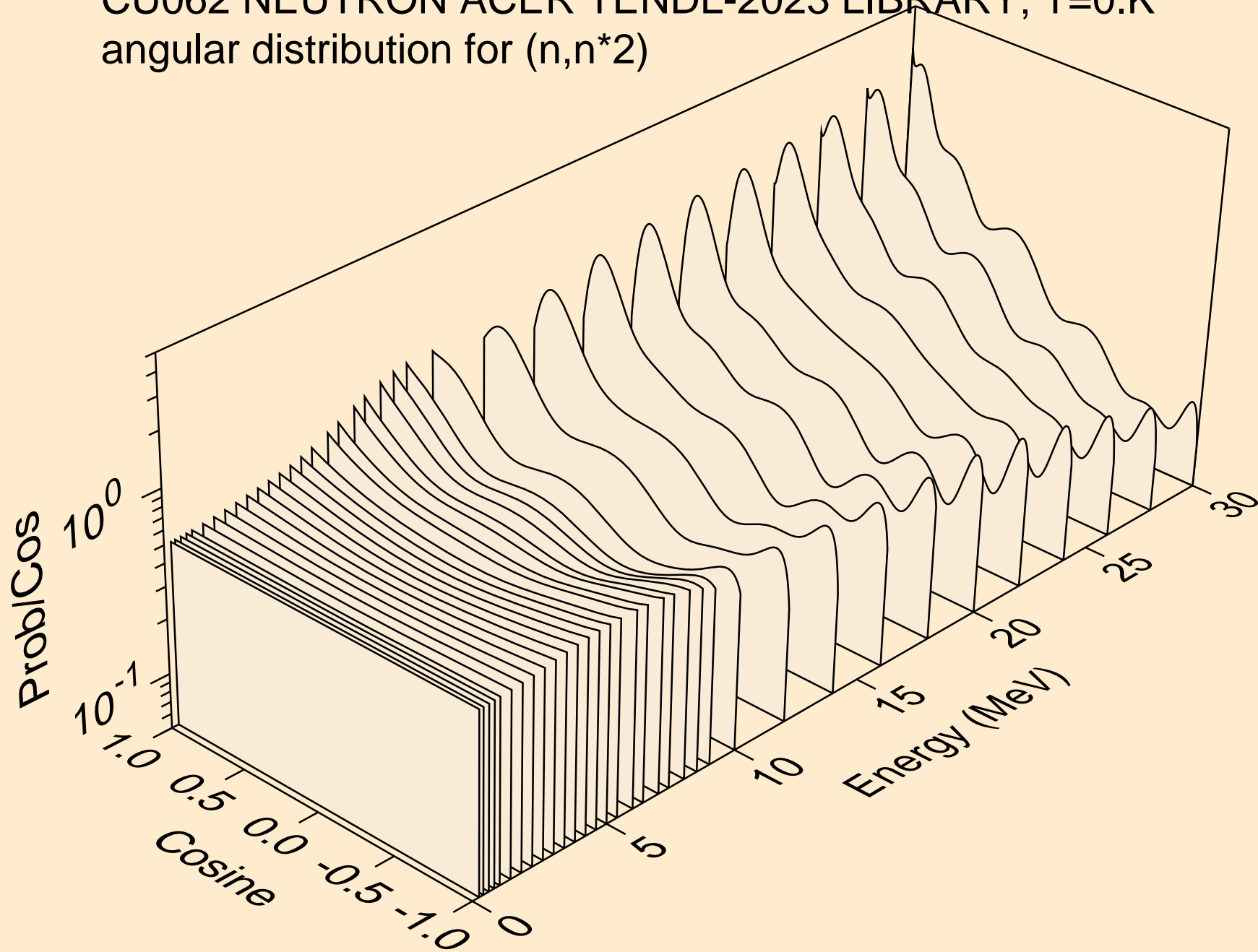
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angular distribution for elastic



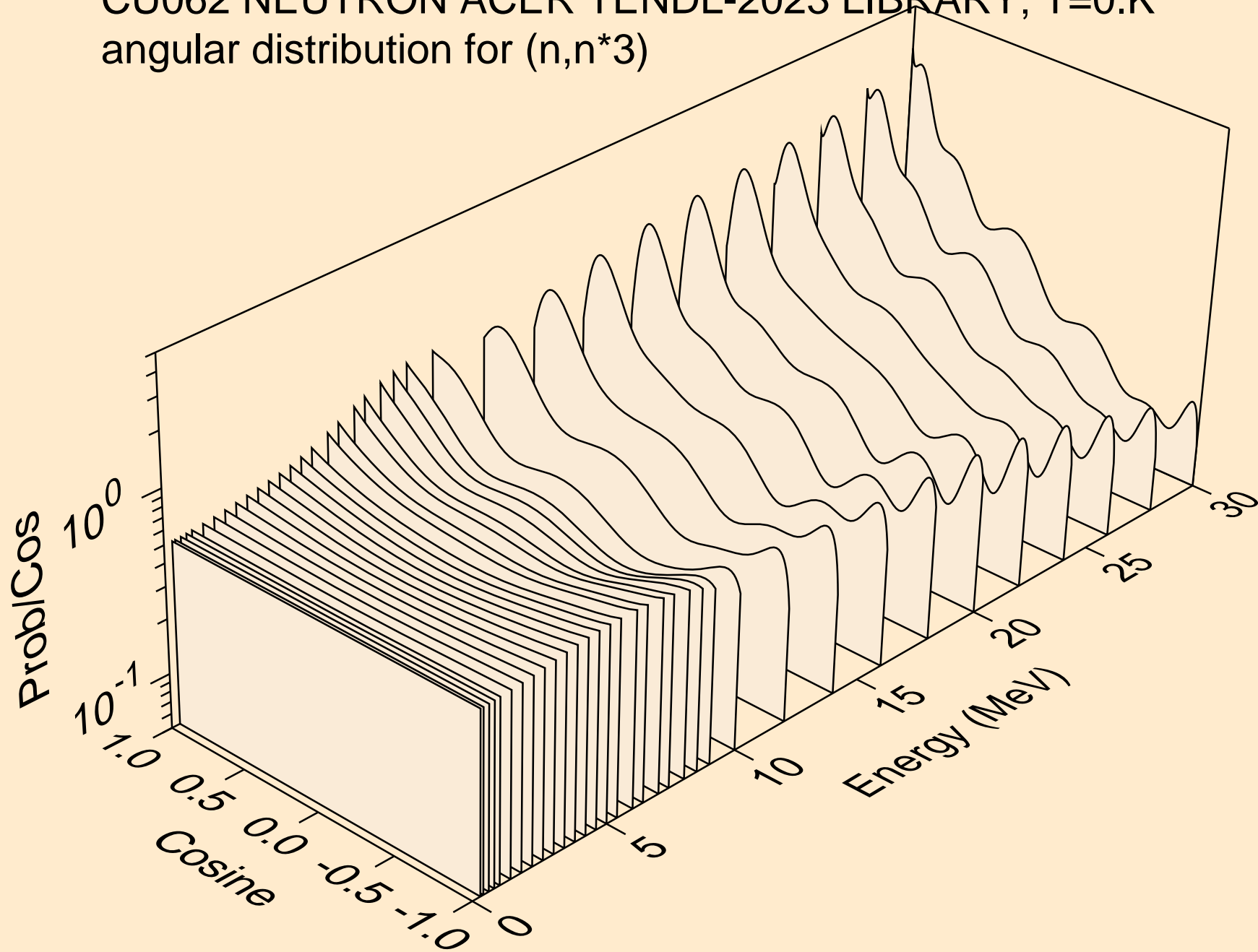
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



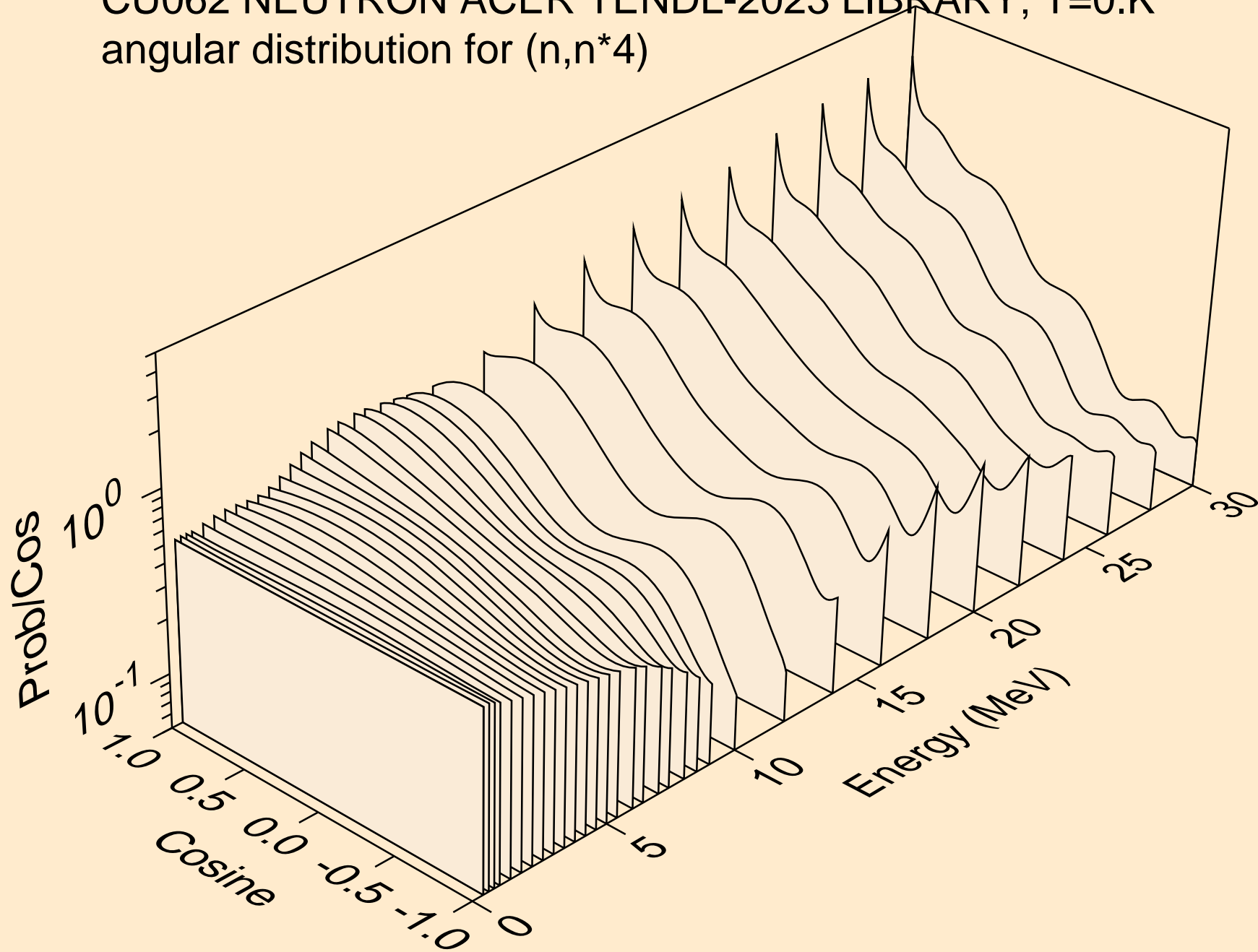
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

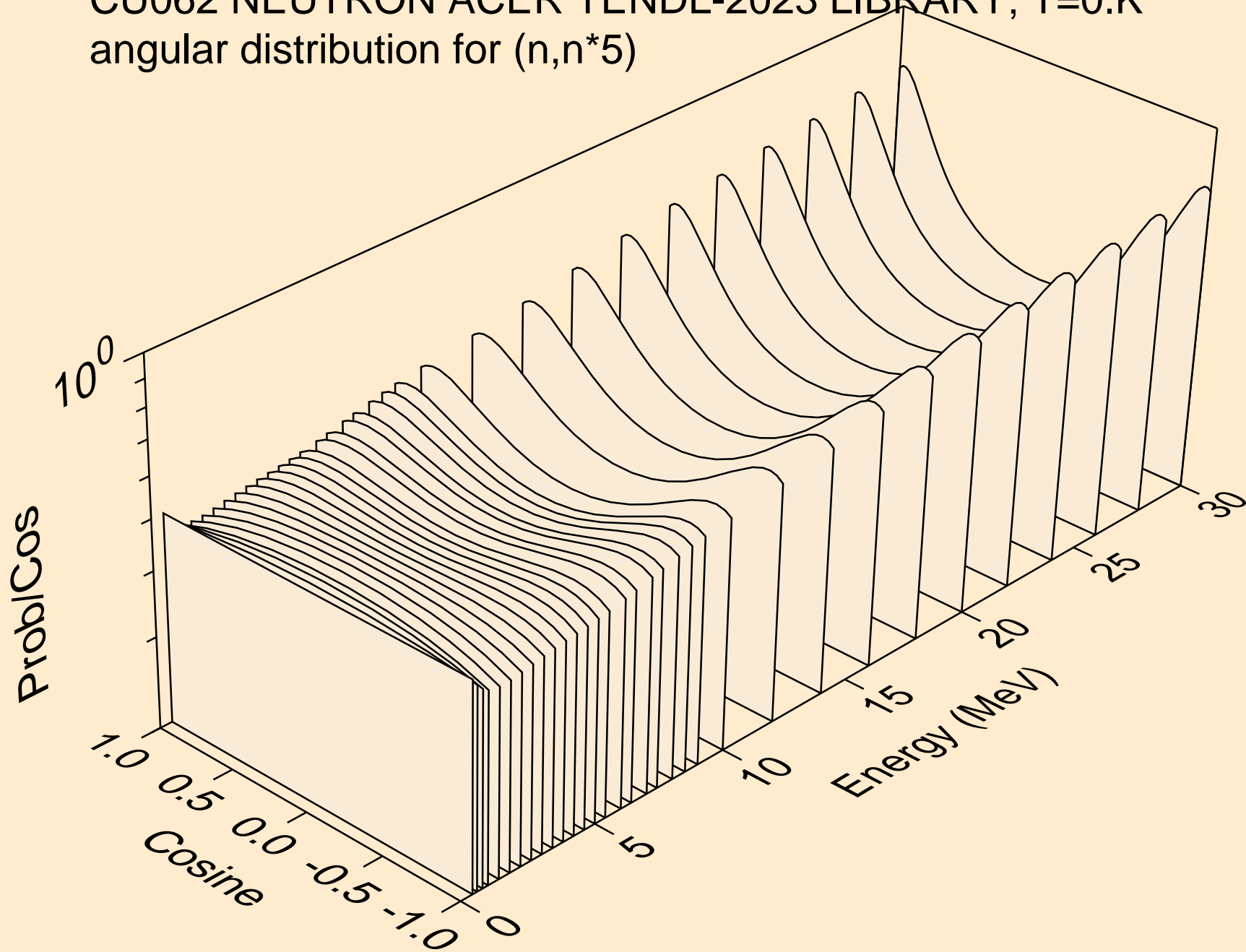


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angular distribution for (n,n\*4)

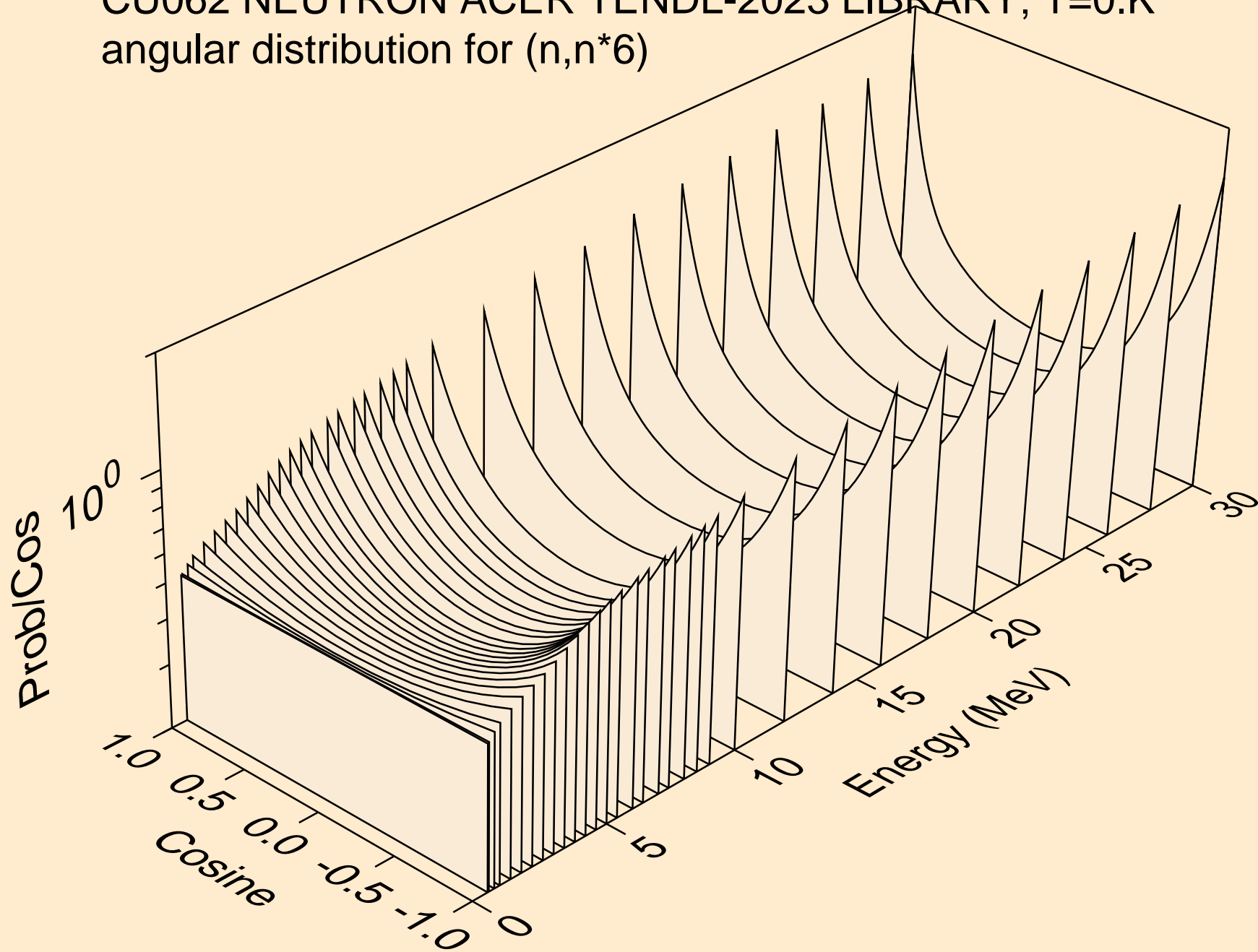




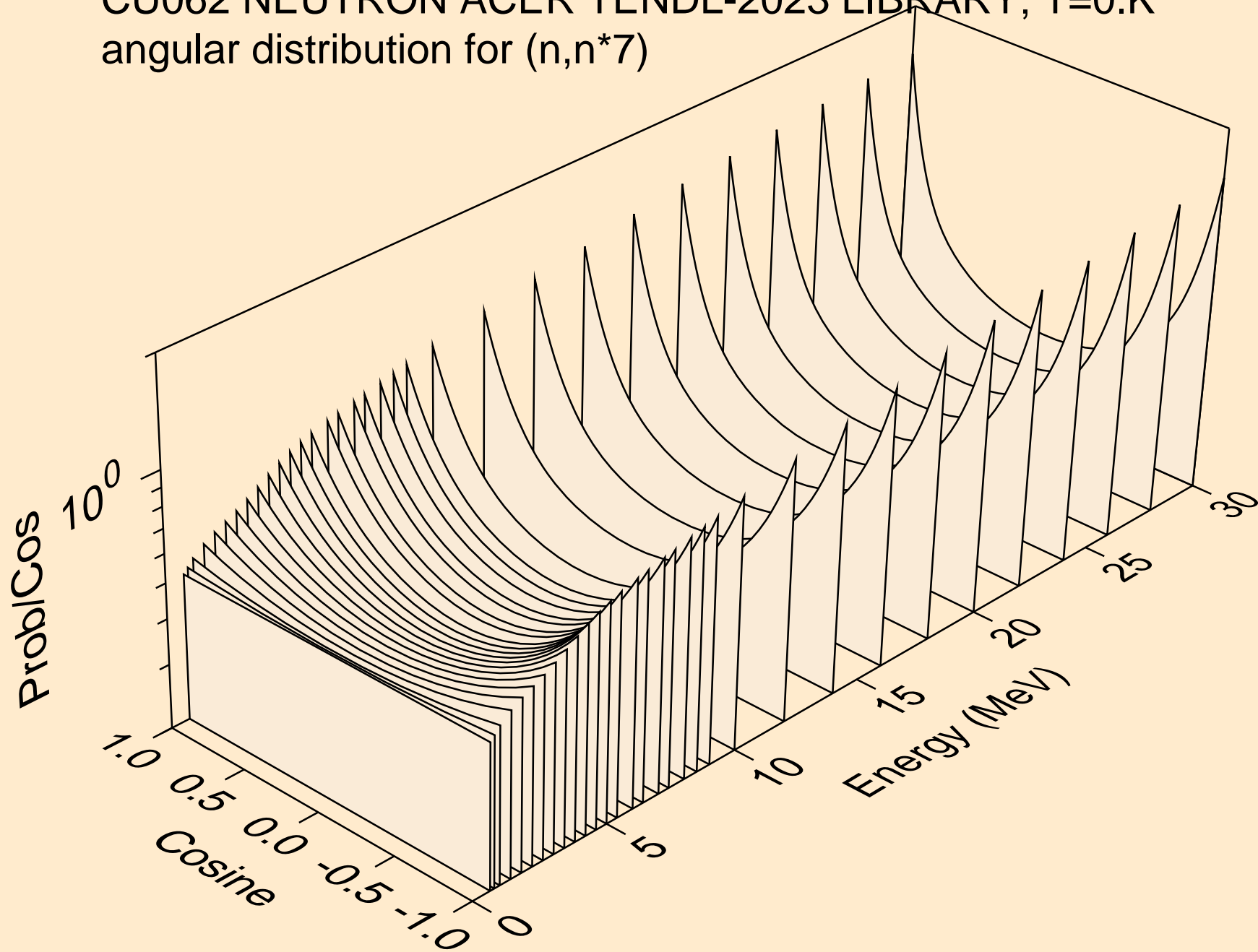
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angular distribution for (n,n\*5)



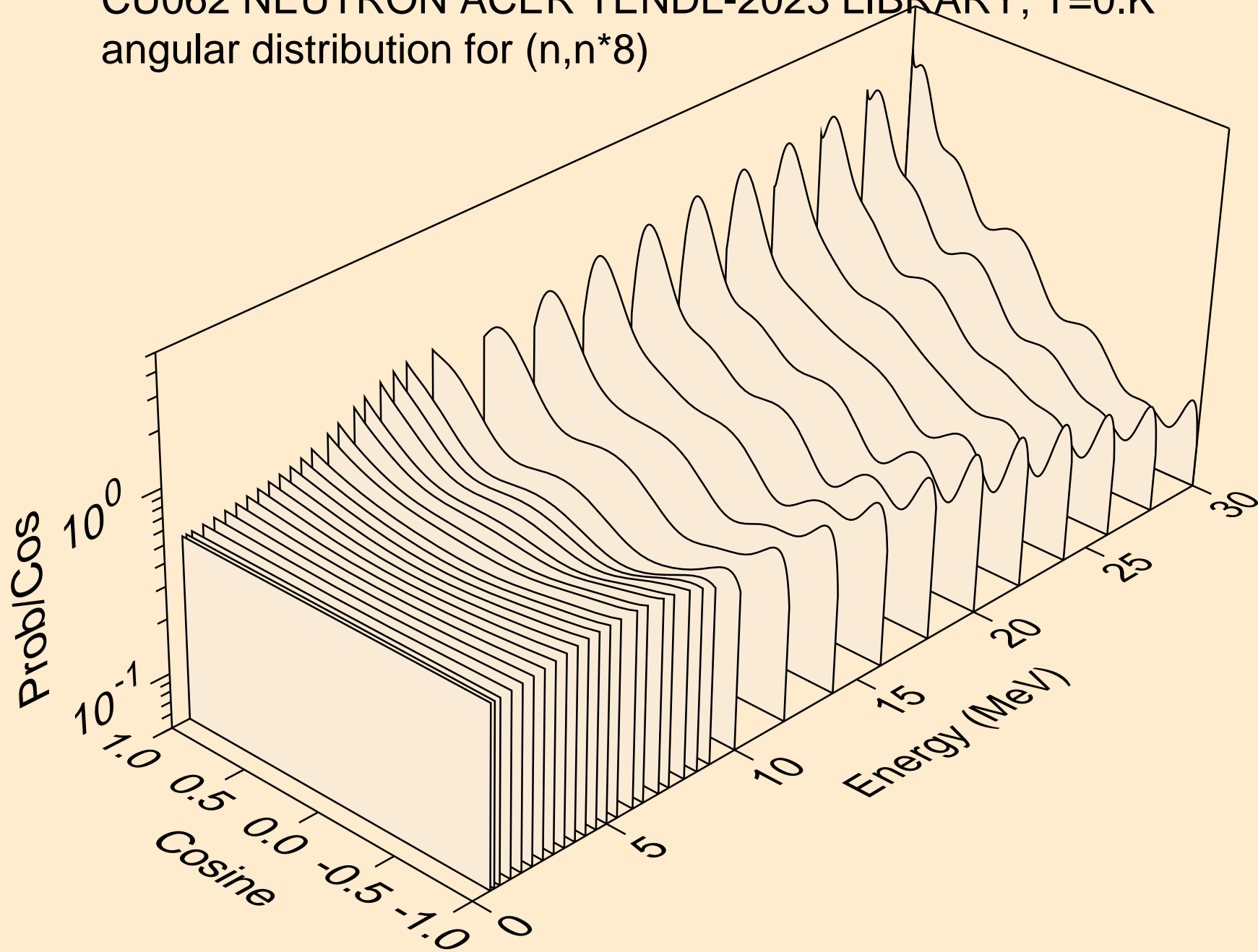
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angular distribution for (n,n\*6)



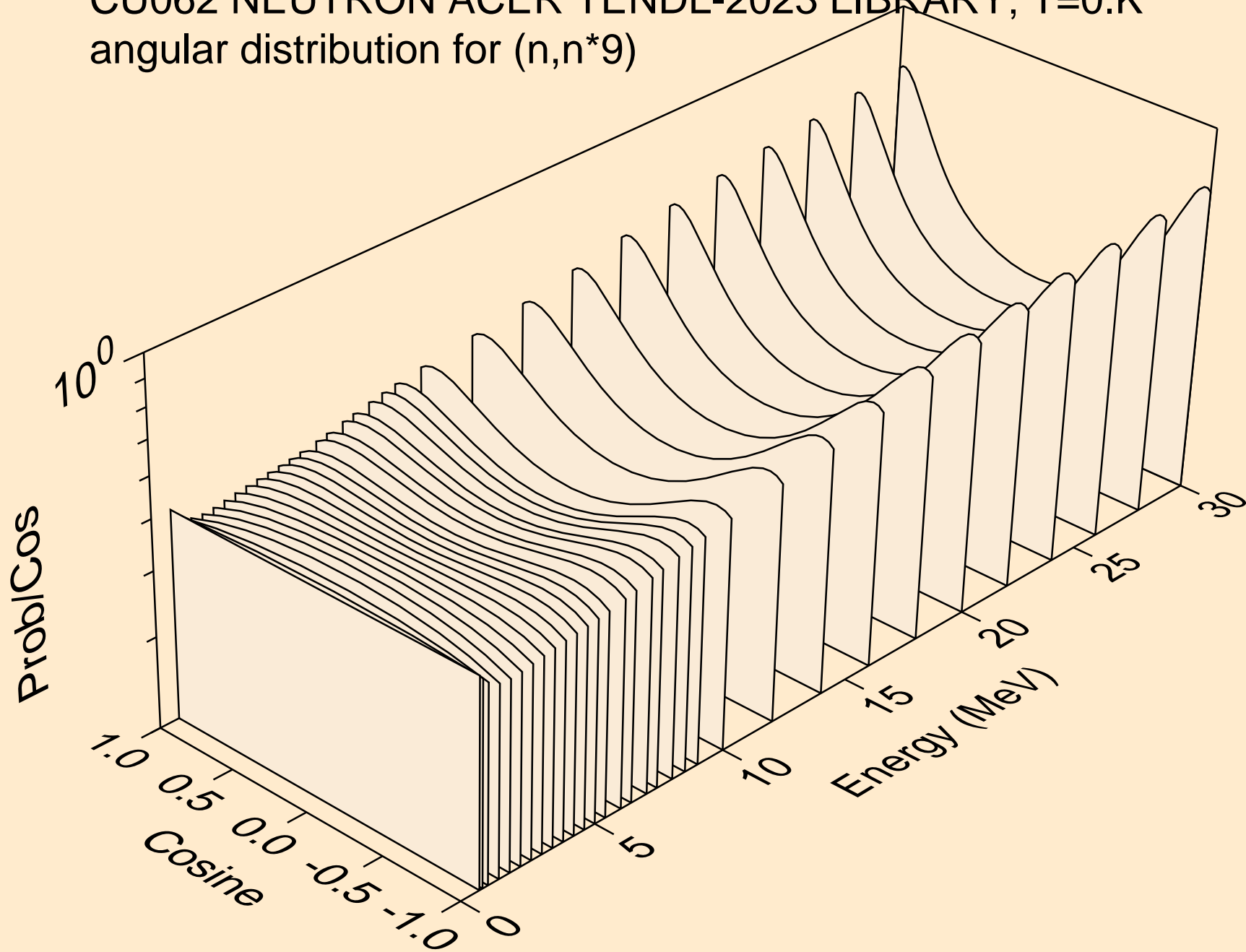
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angular distribution for (n,n\*7)



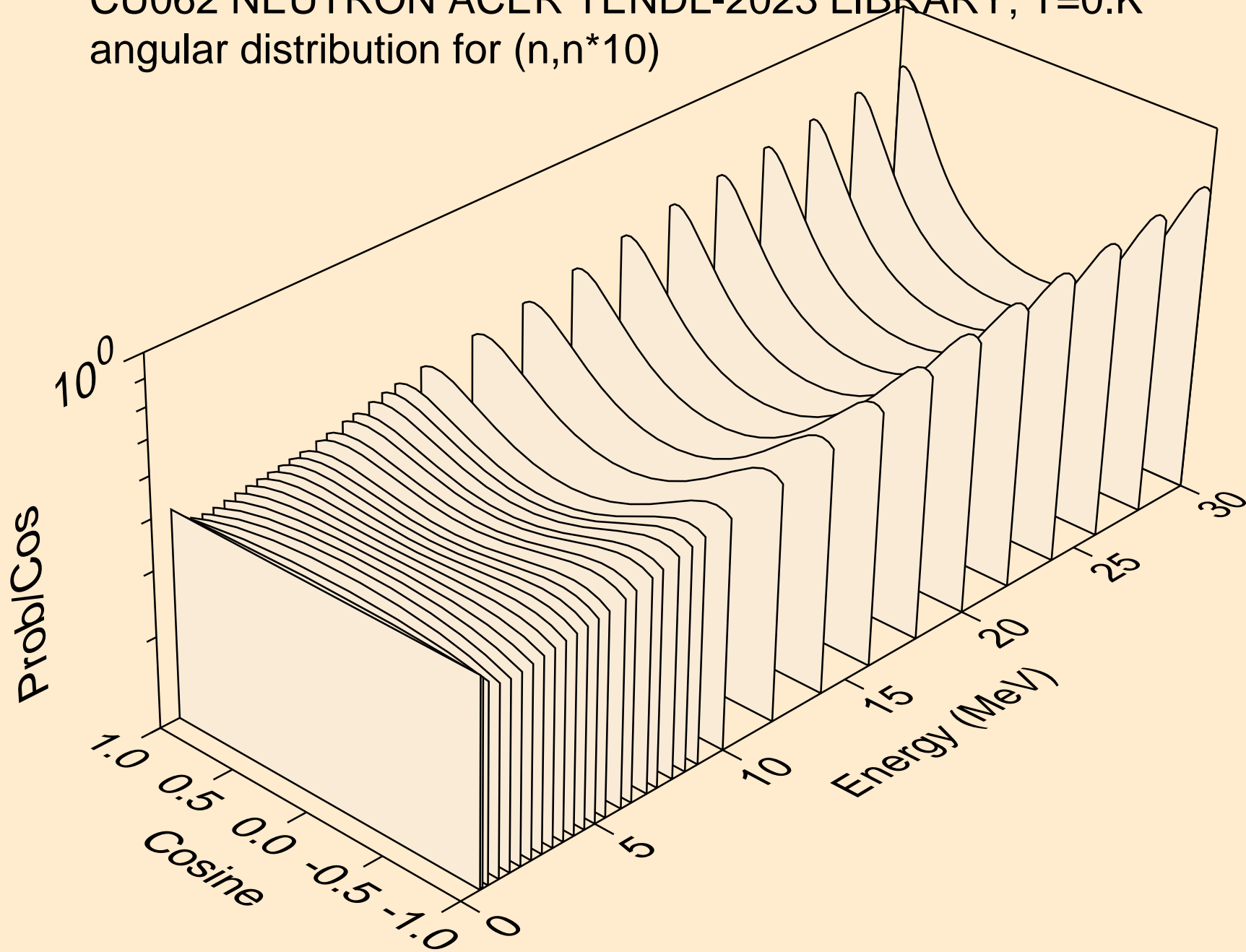
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angular distribution for (n,n\*8)



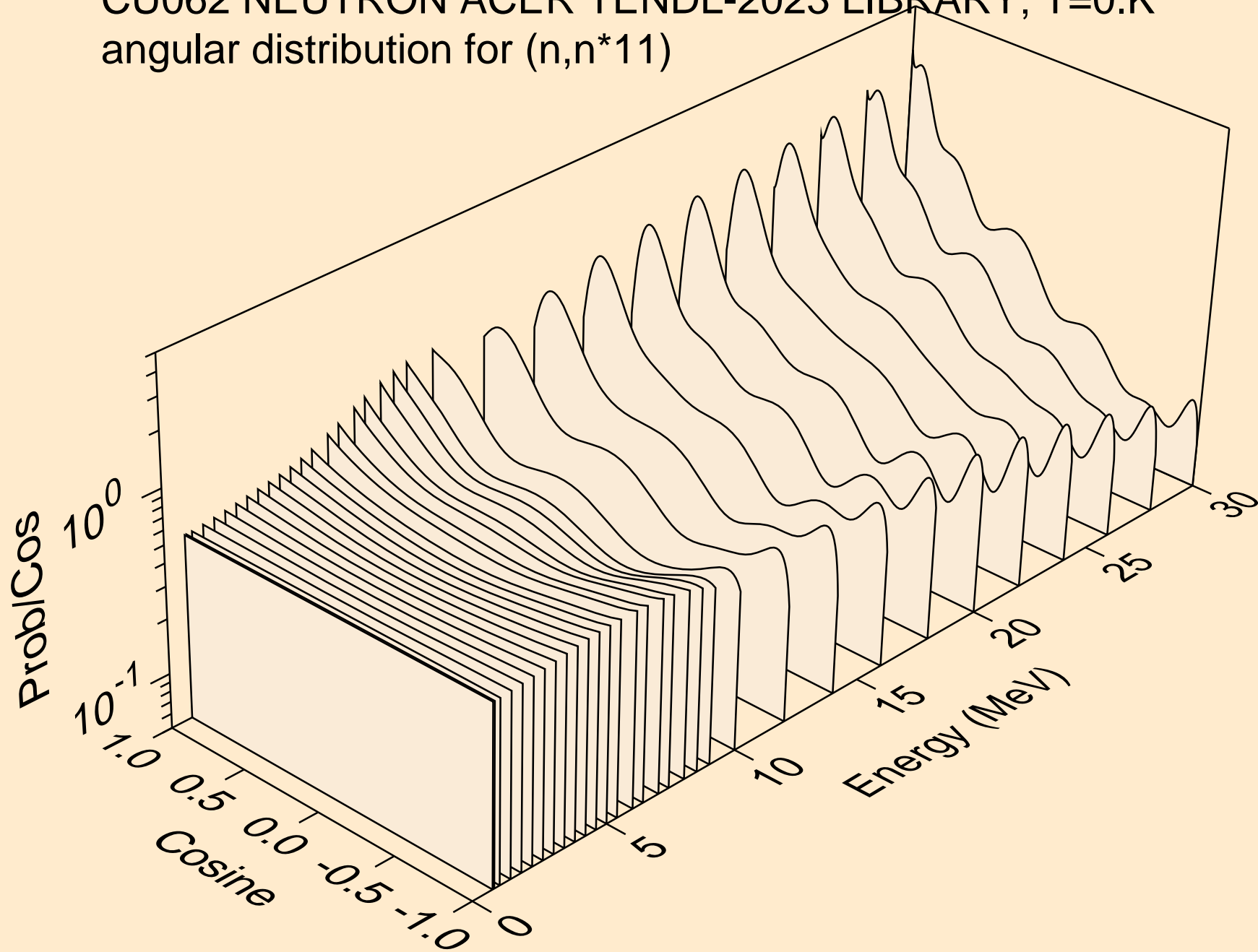
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angular distribution for (n,n\*9)



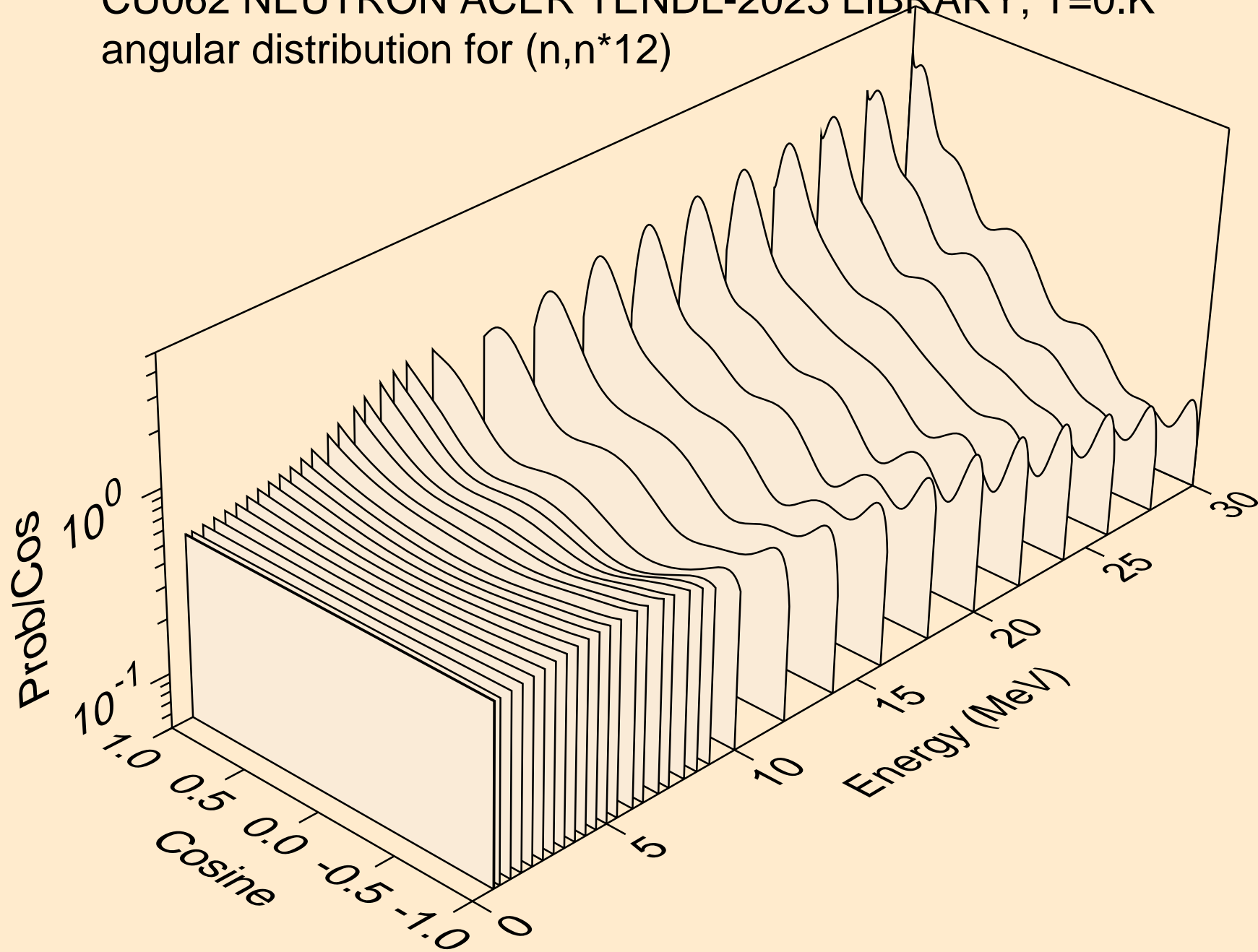
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

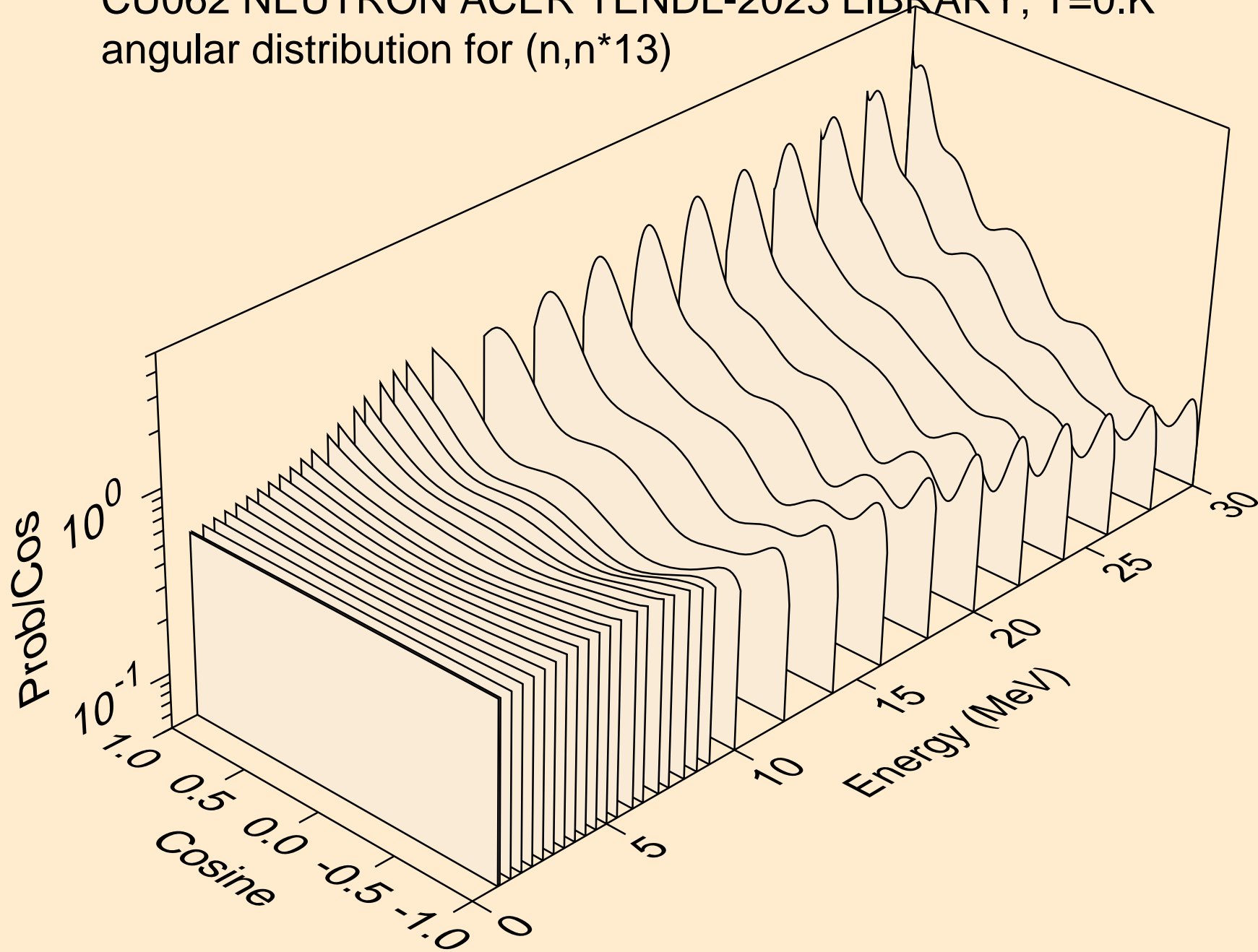


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angular distribution for (n,n\*12)

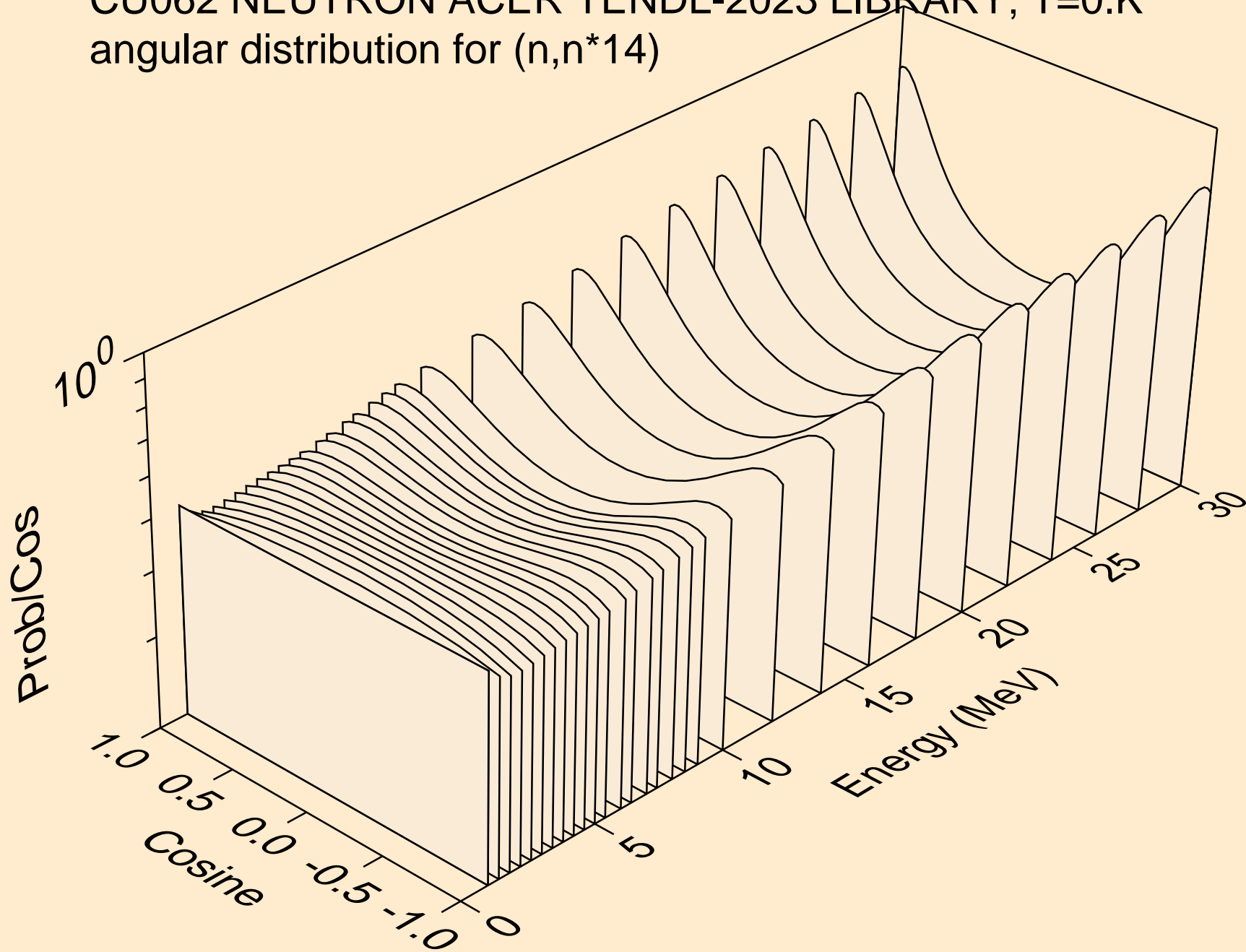




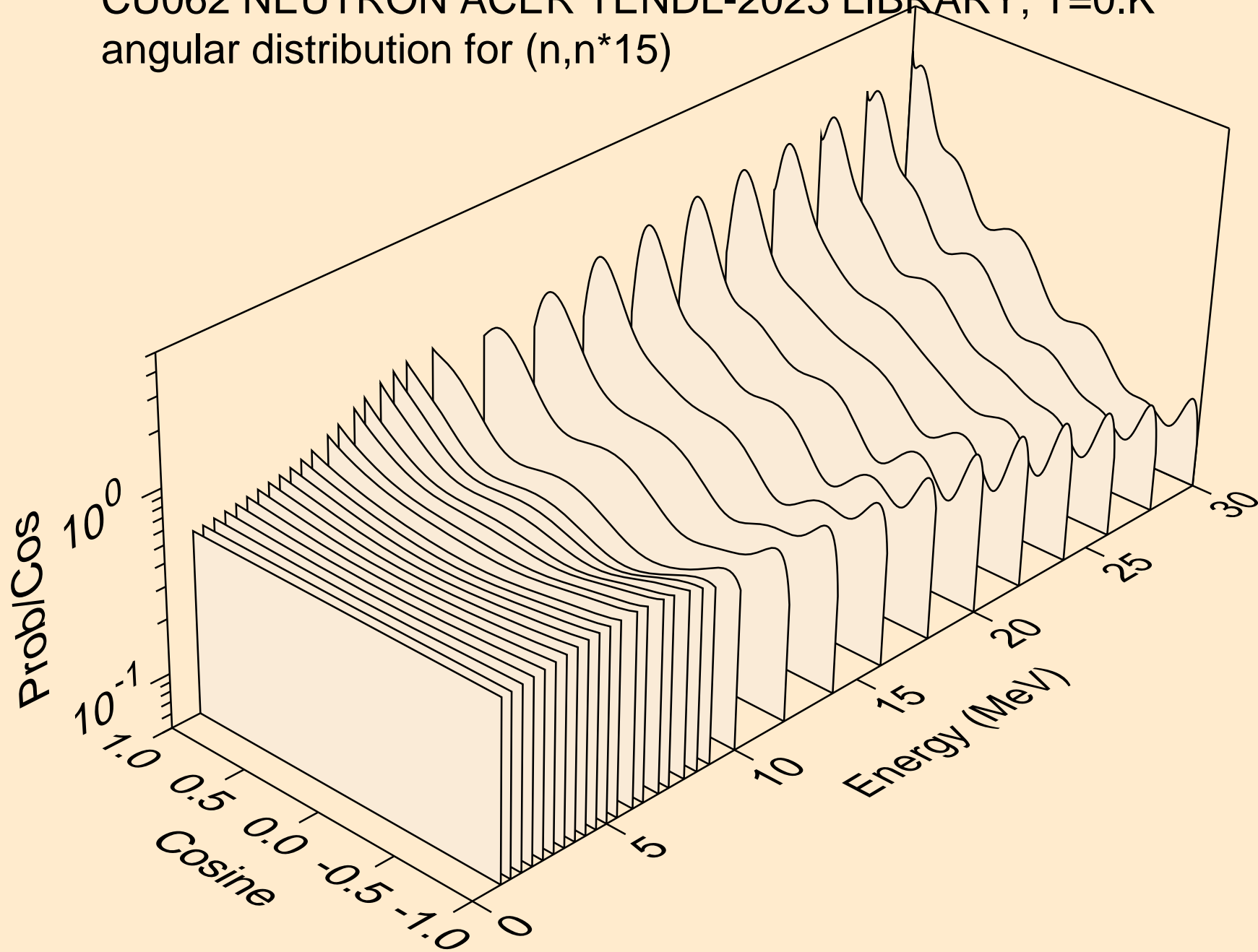
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angular distribution for (n,n\*13)



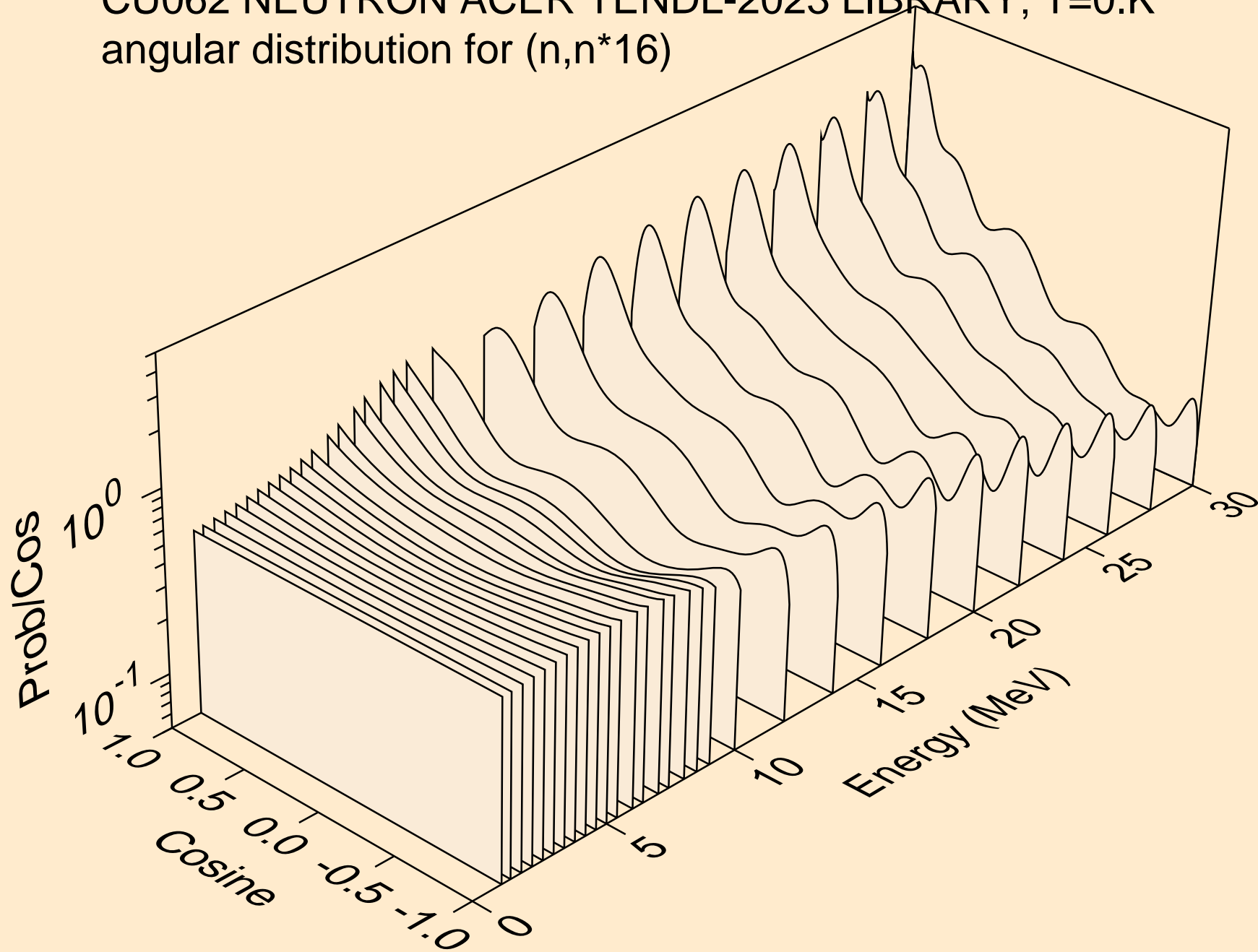
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angular distribution for (n,n\*14)



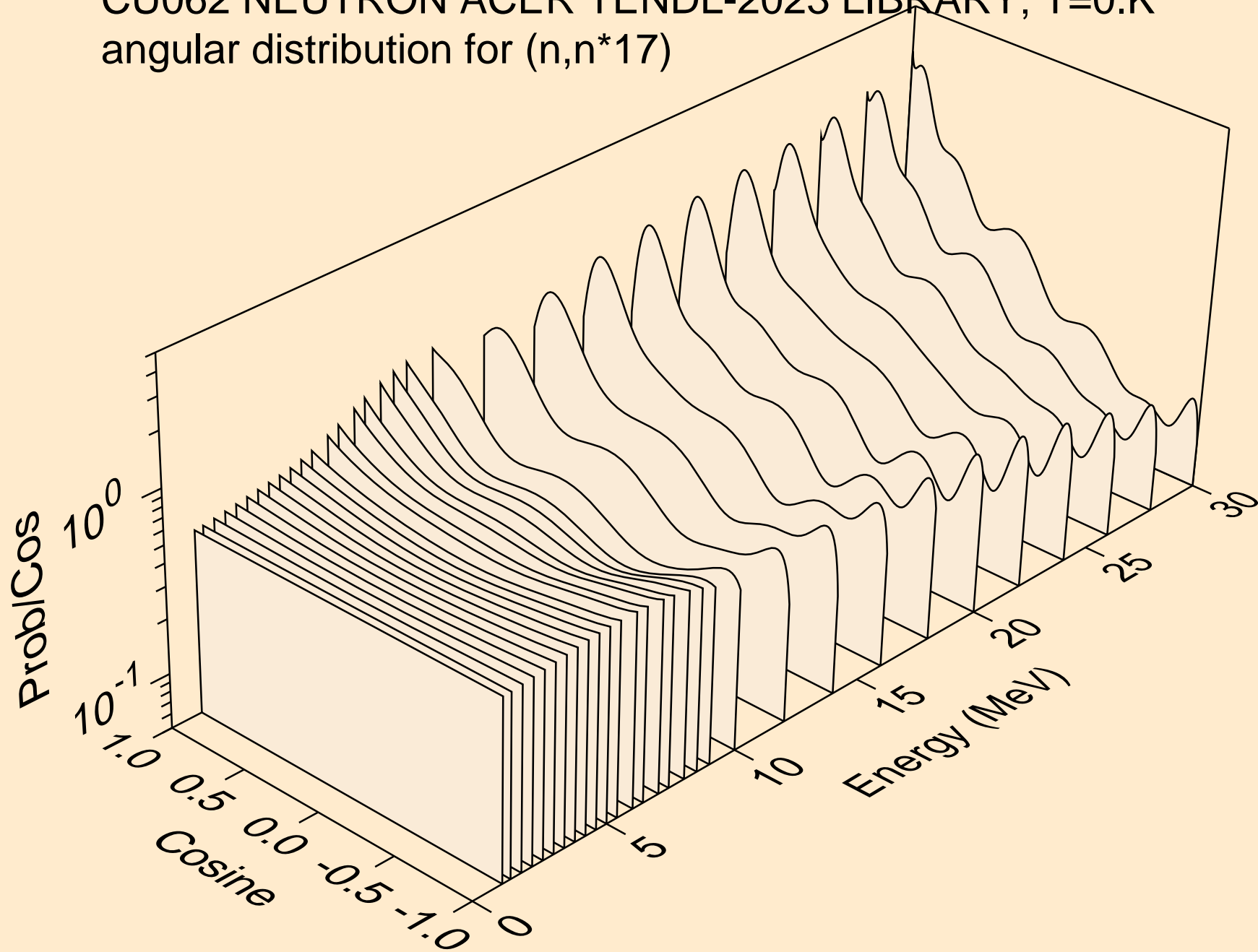
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angular distribution for (n,n\*15)



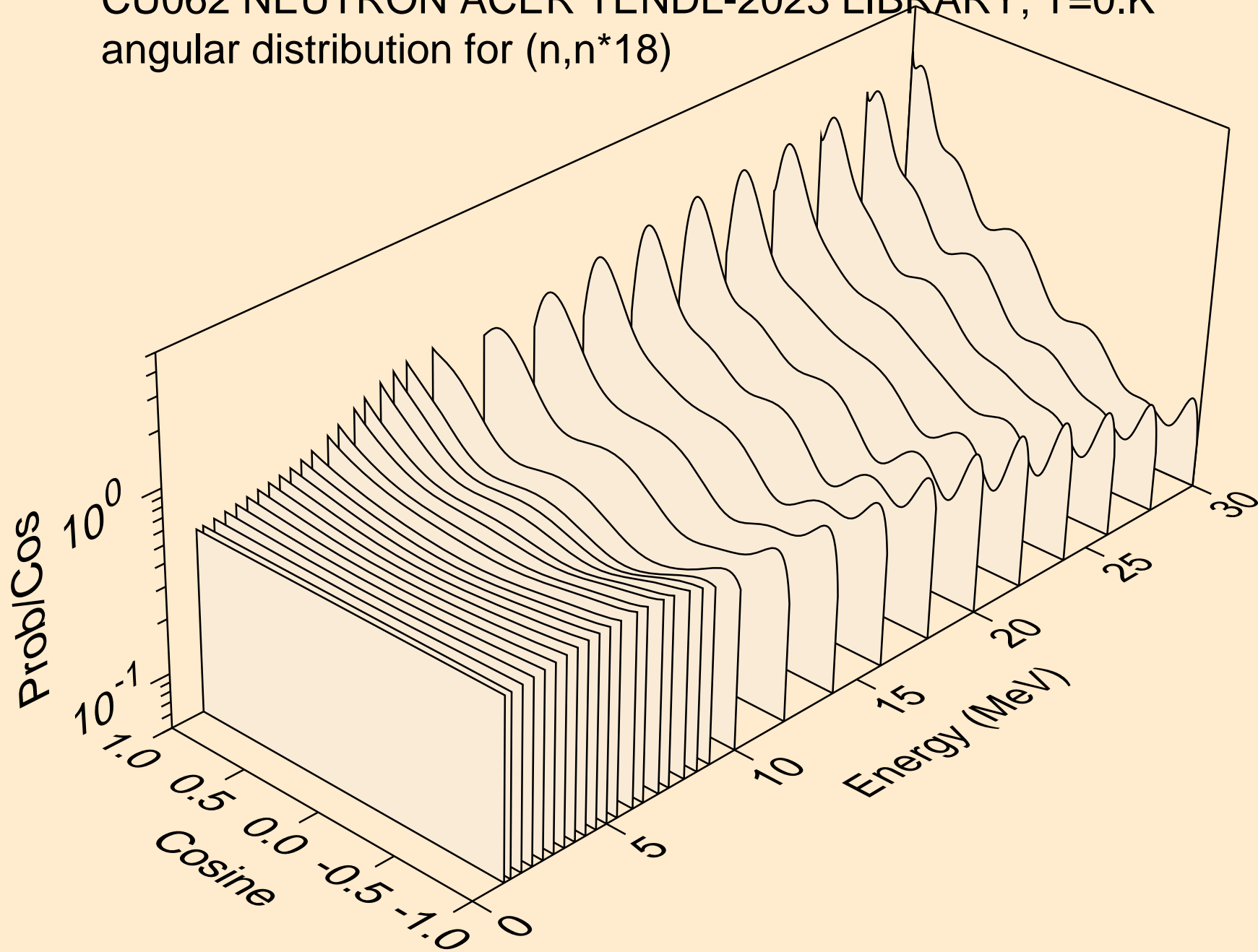
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angular distribution for (n,n\*16)



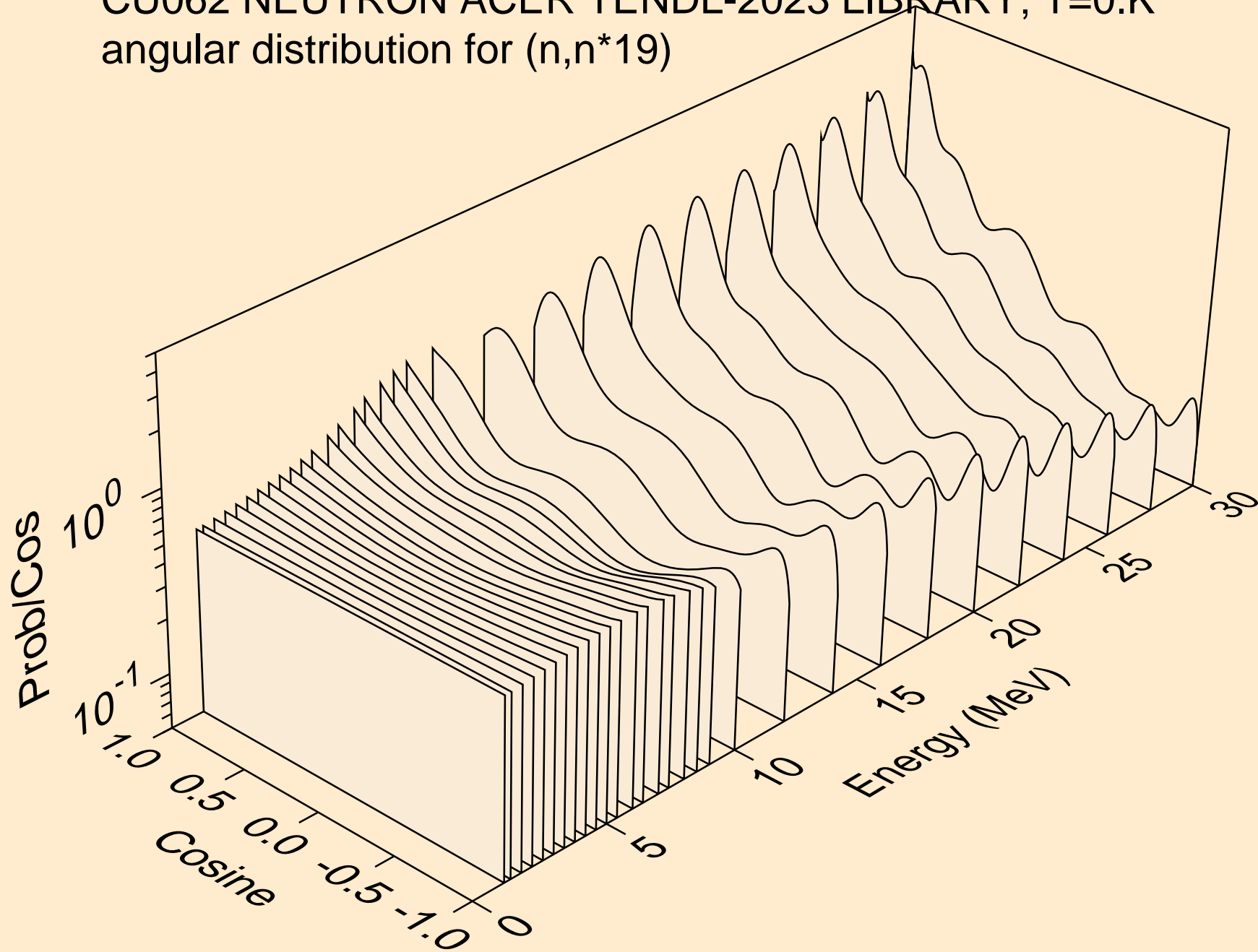
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angular distribution for (n,n\*17)



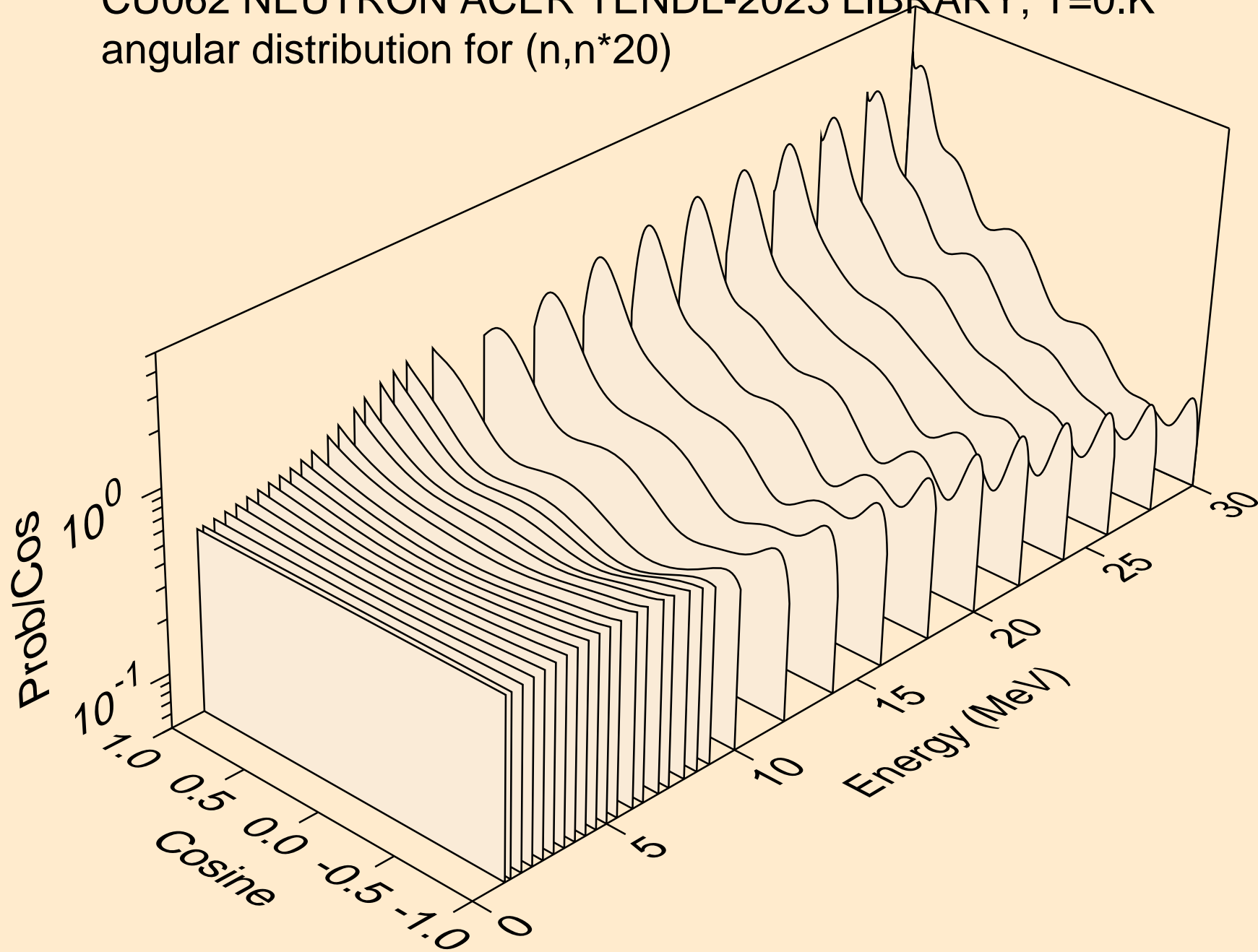
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

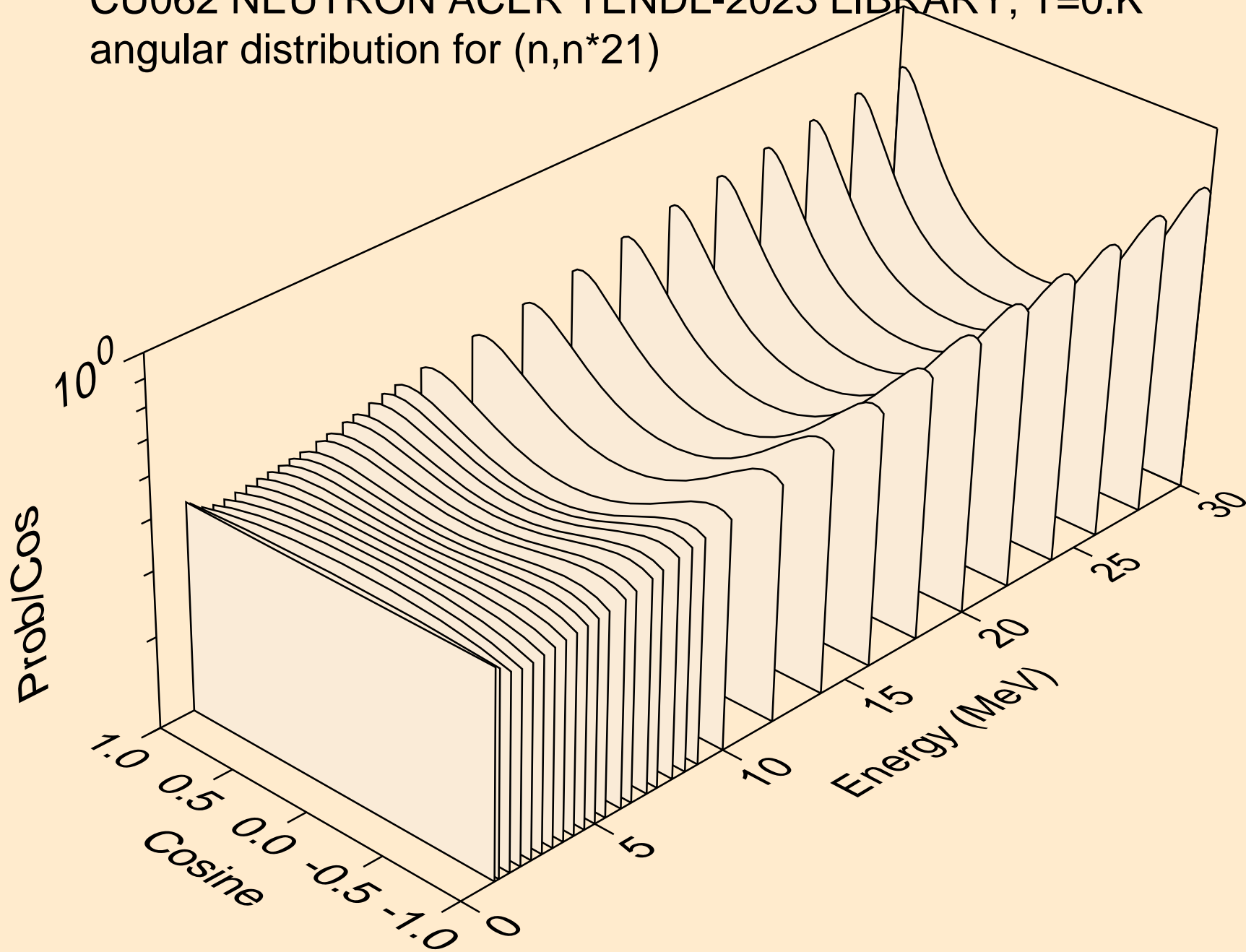


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angular distribution for (n,n\*20)

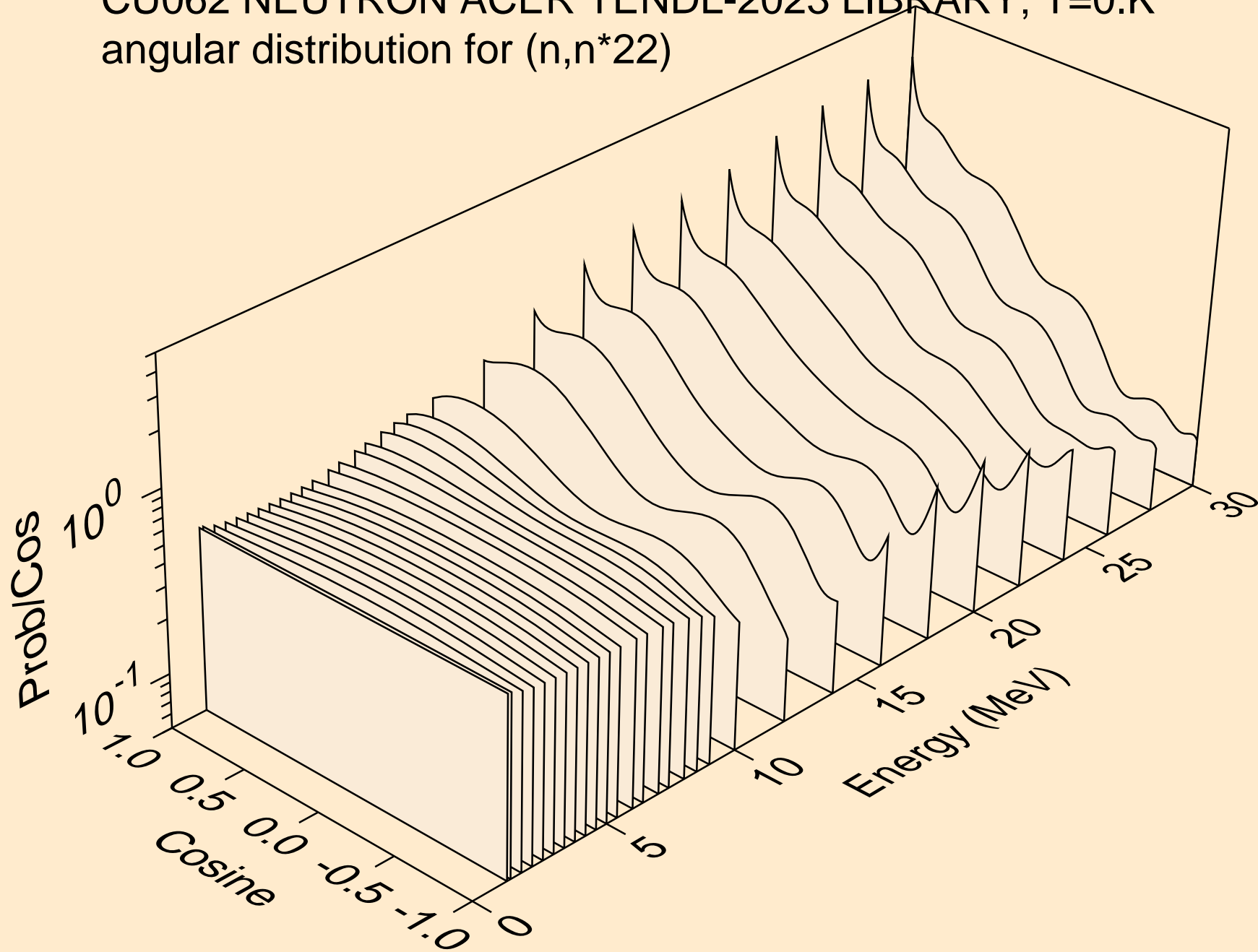




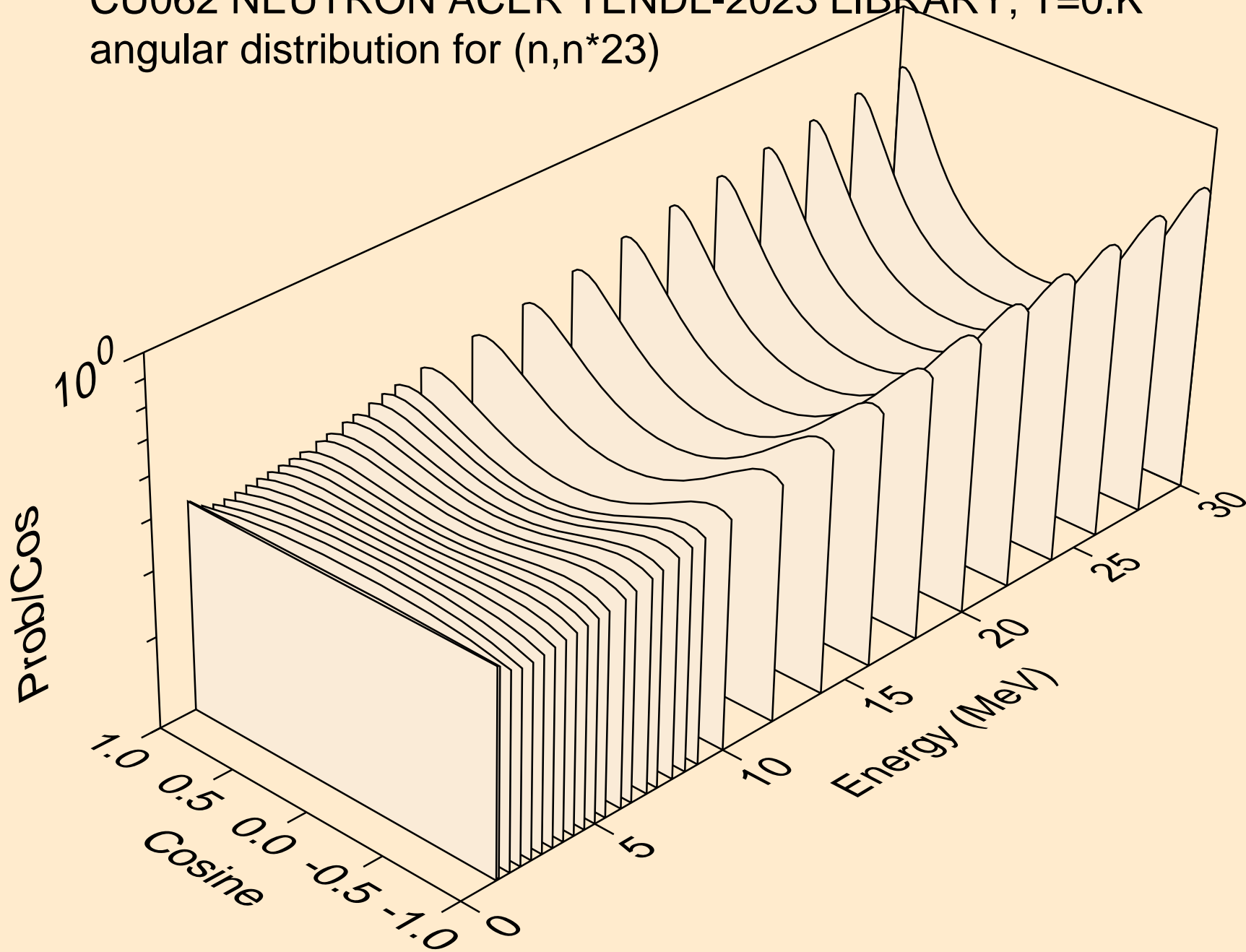
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angular distribution for (n,n\*21)



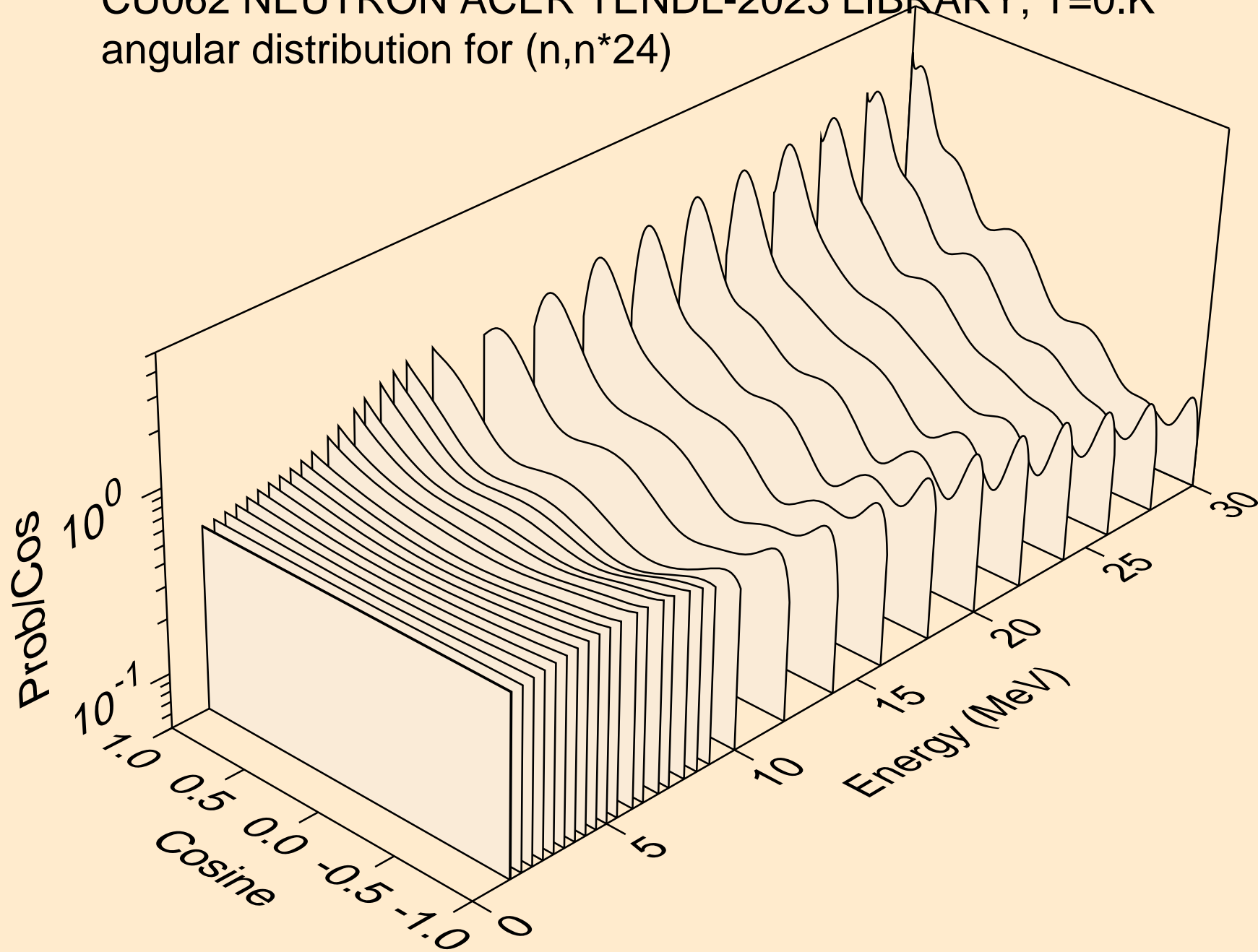
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angular distribution for (n,n\*22)



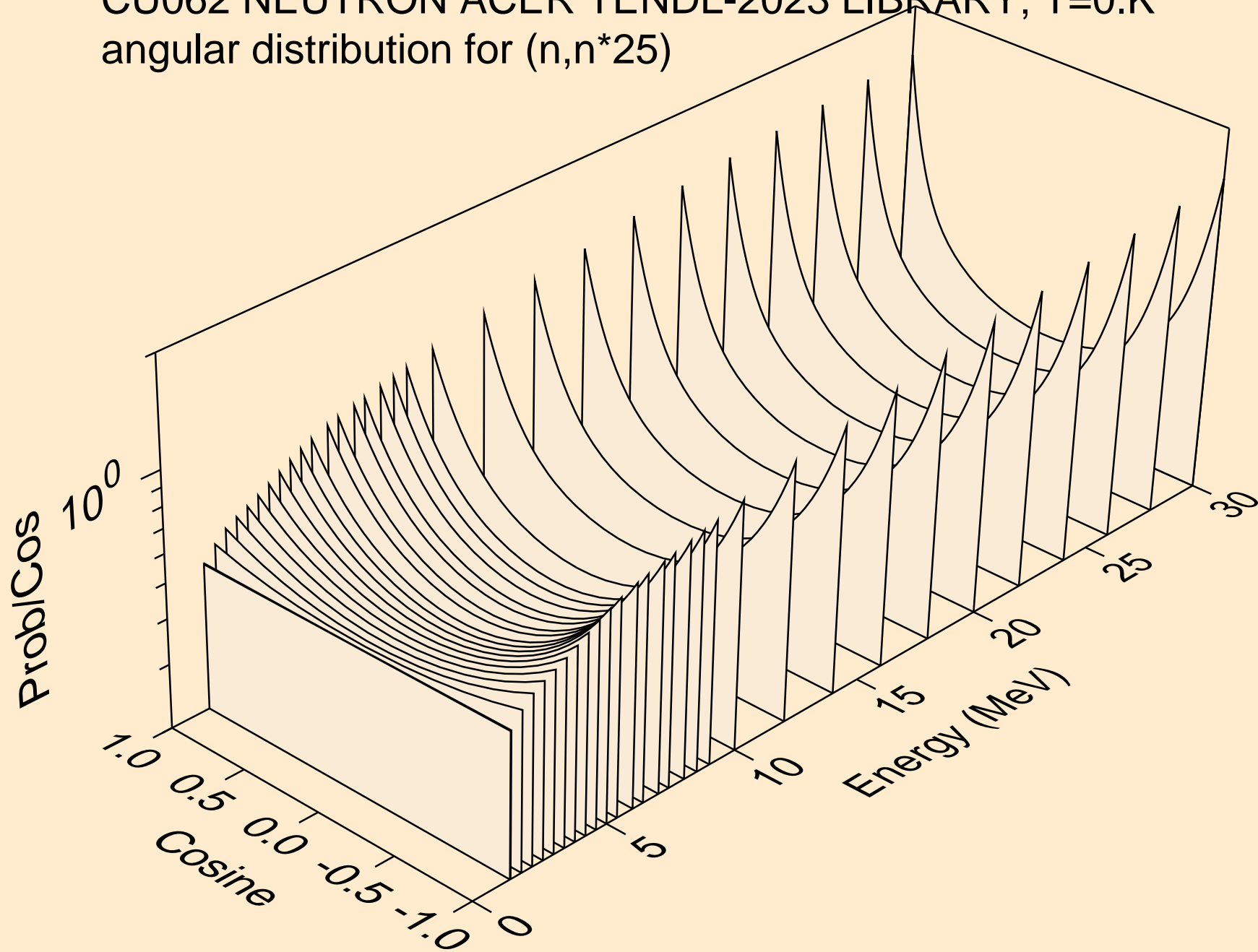
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angular distribution for (n,n\*23)



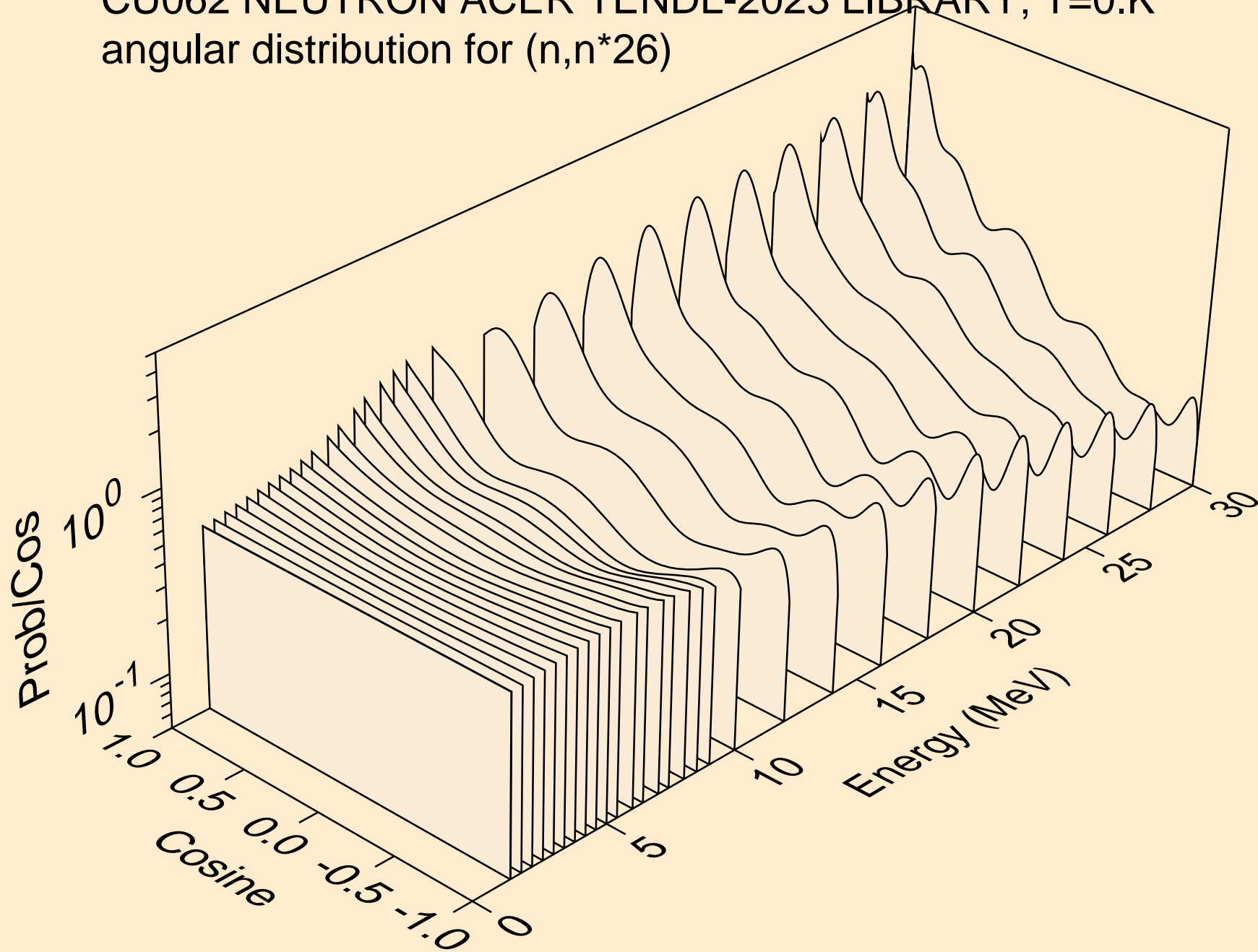
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angular distribution for (n,n\*24)



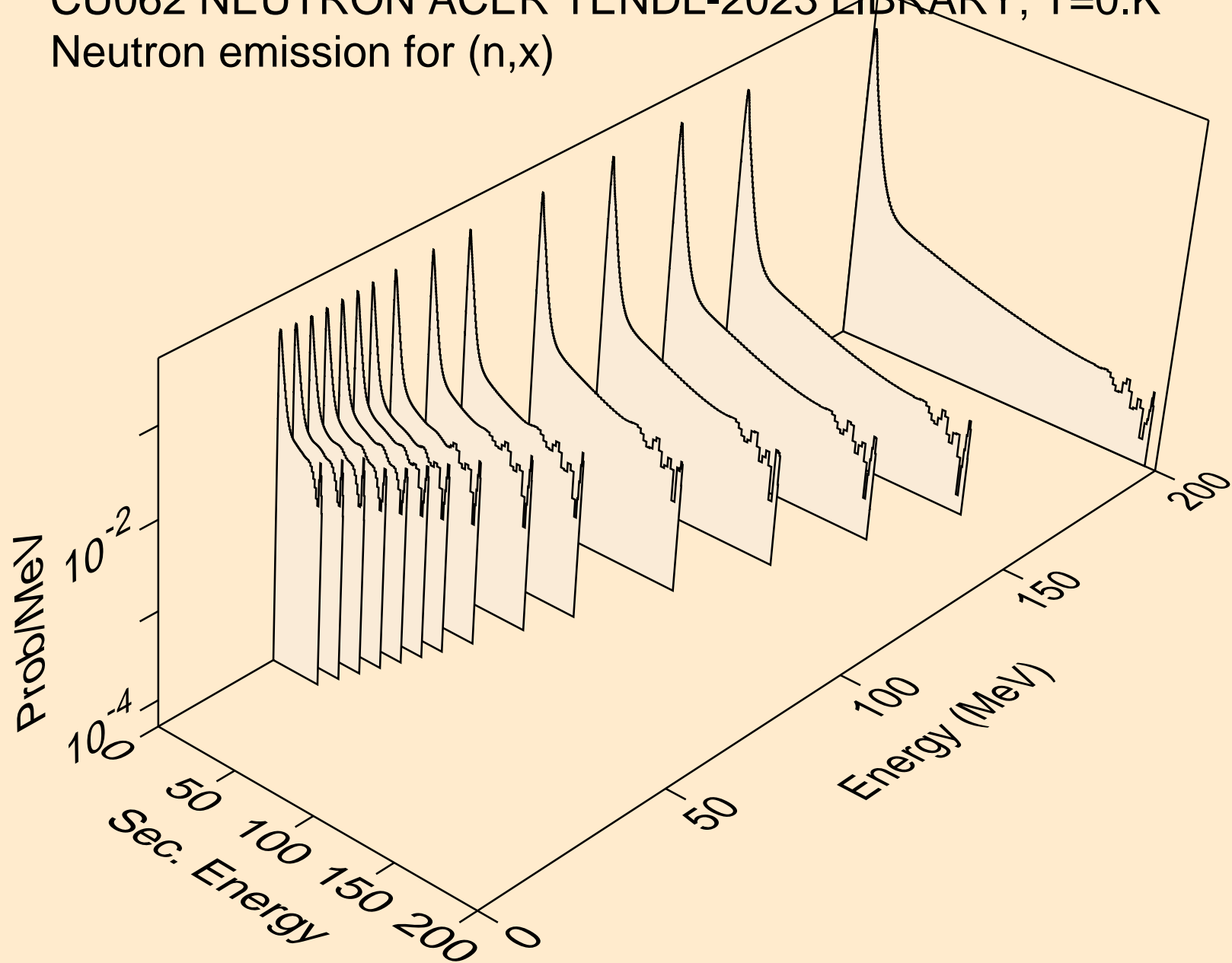
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angular distribution for (n,n\*25)



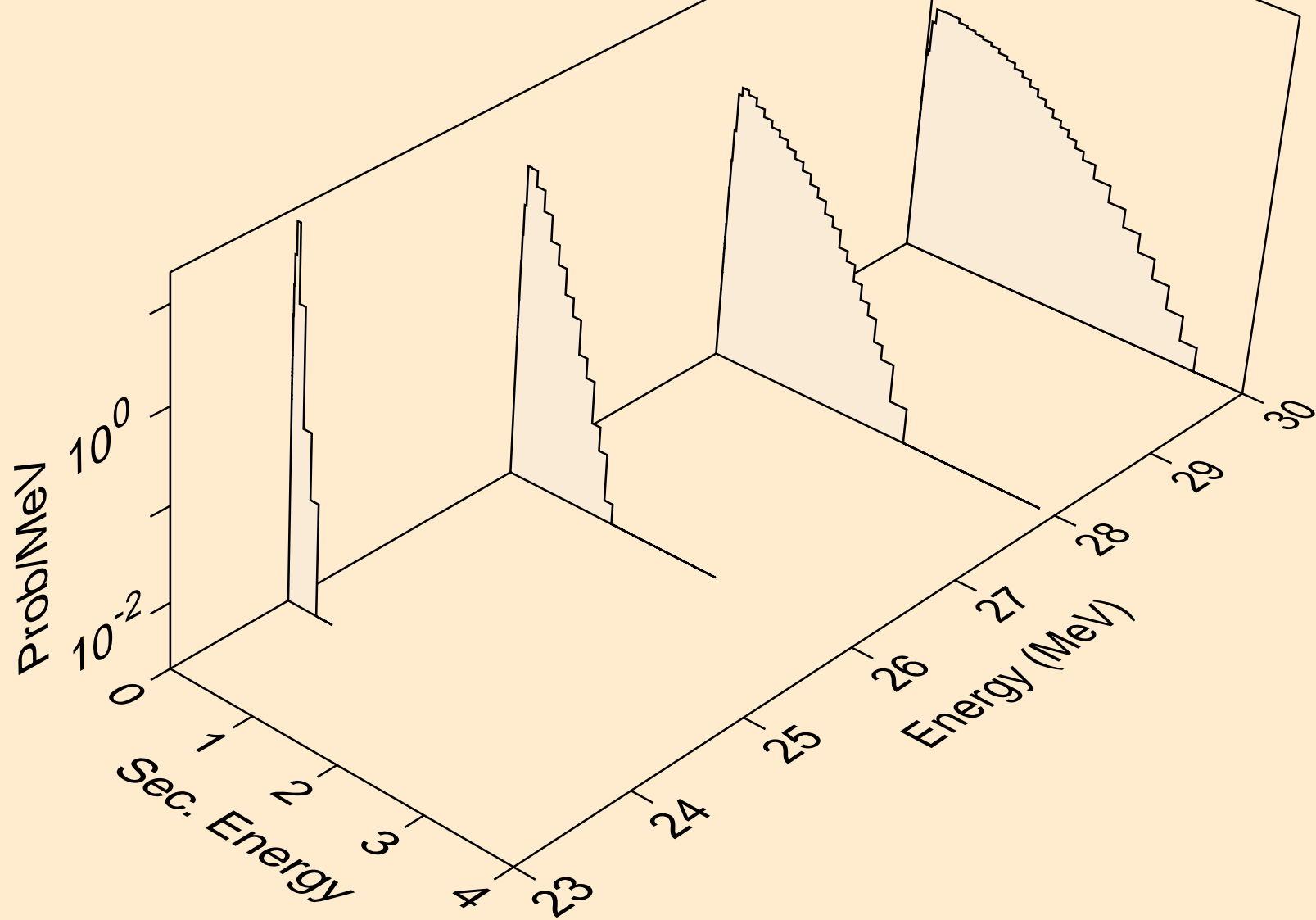
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

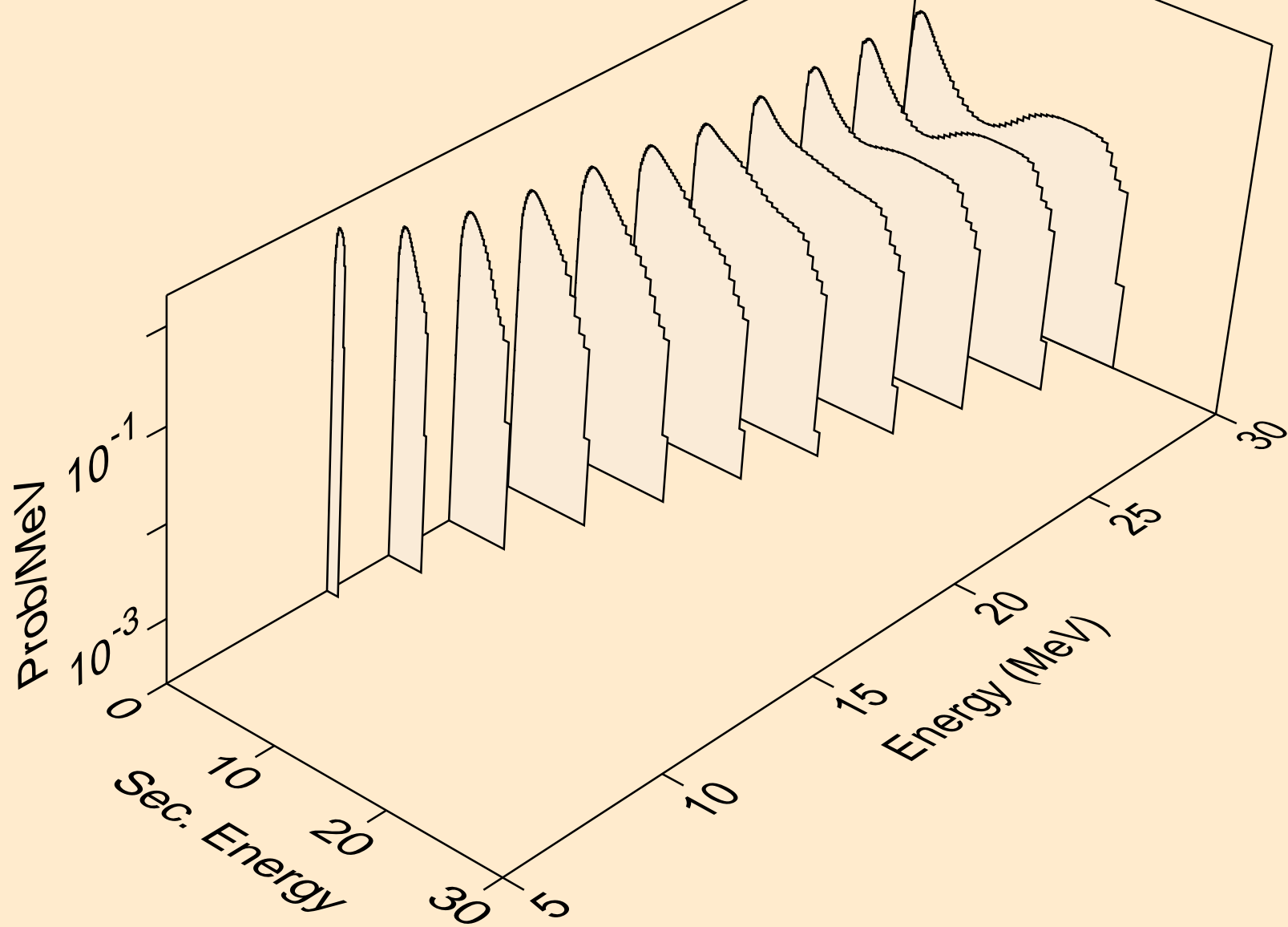


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

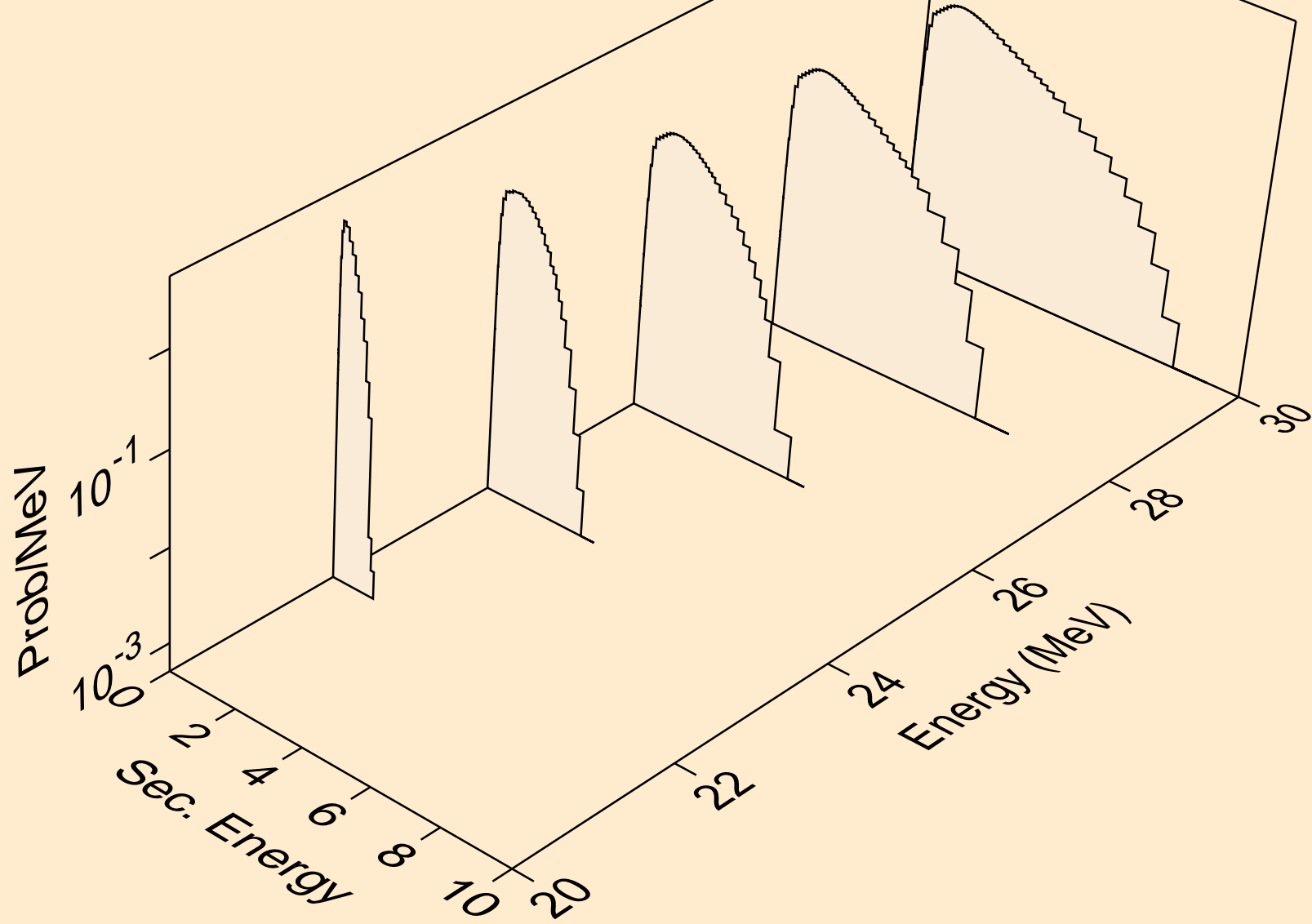




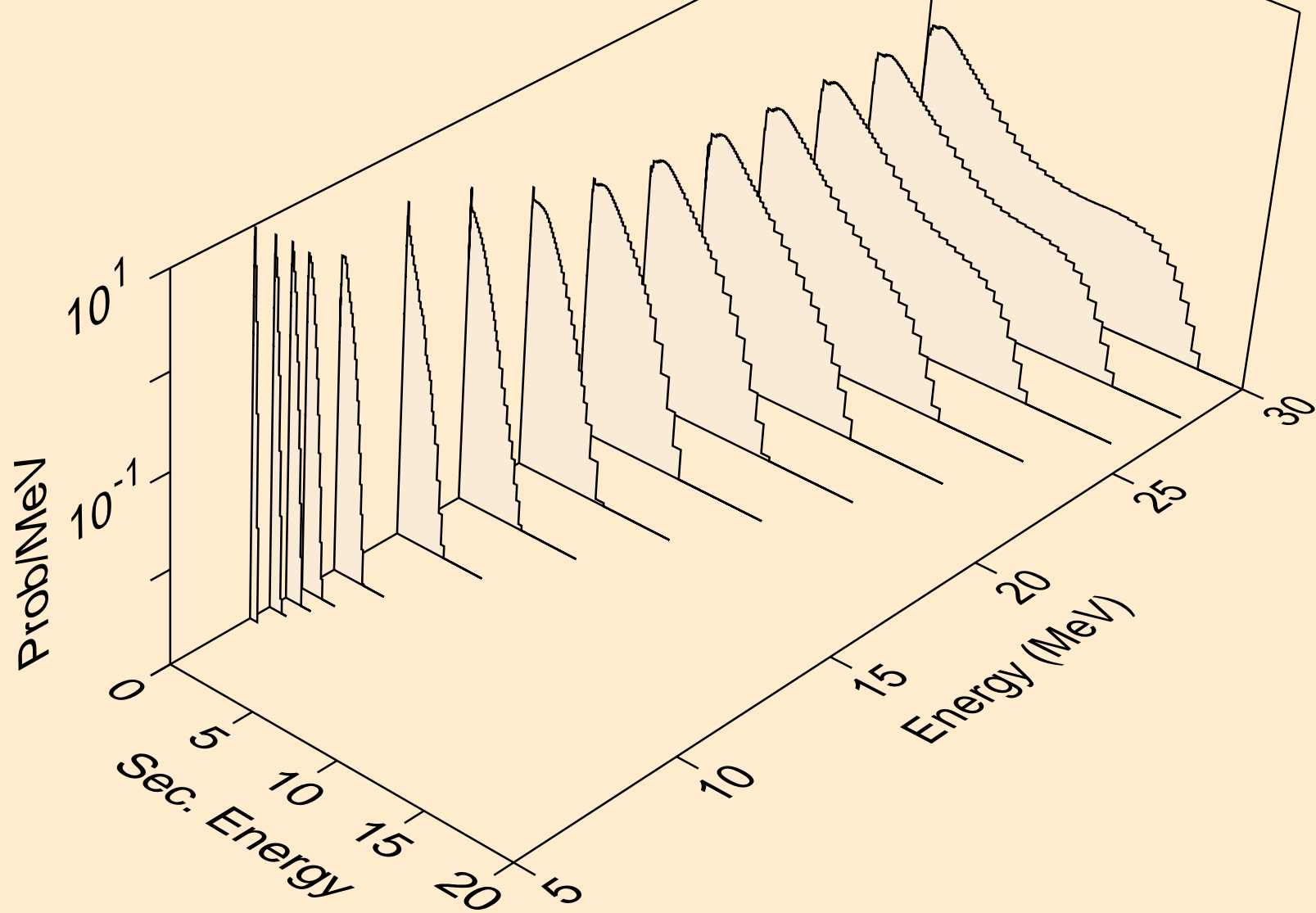
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



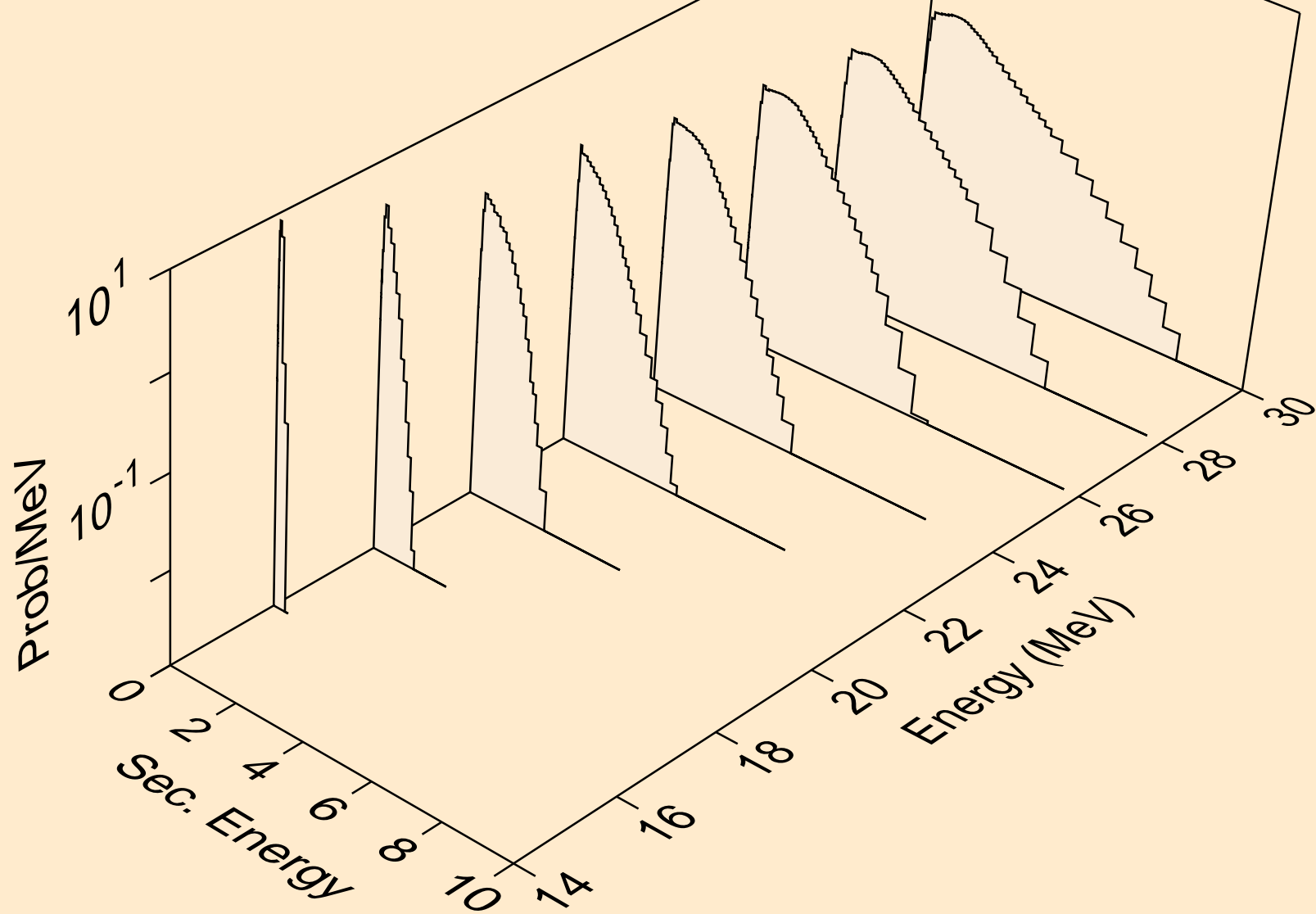
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



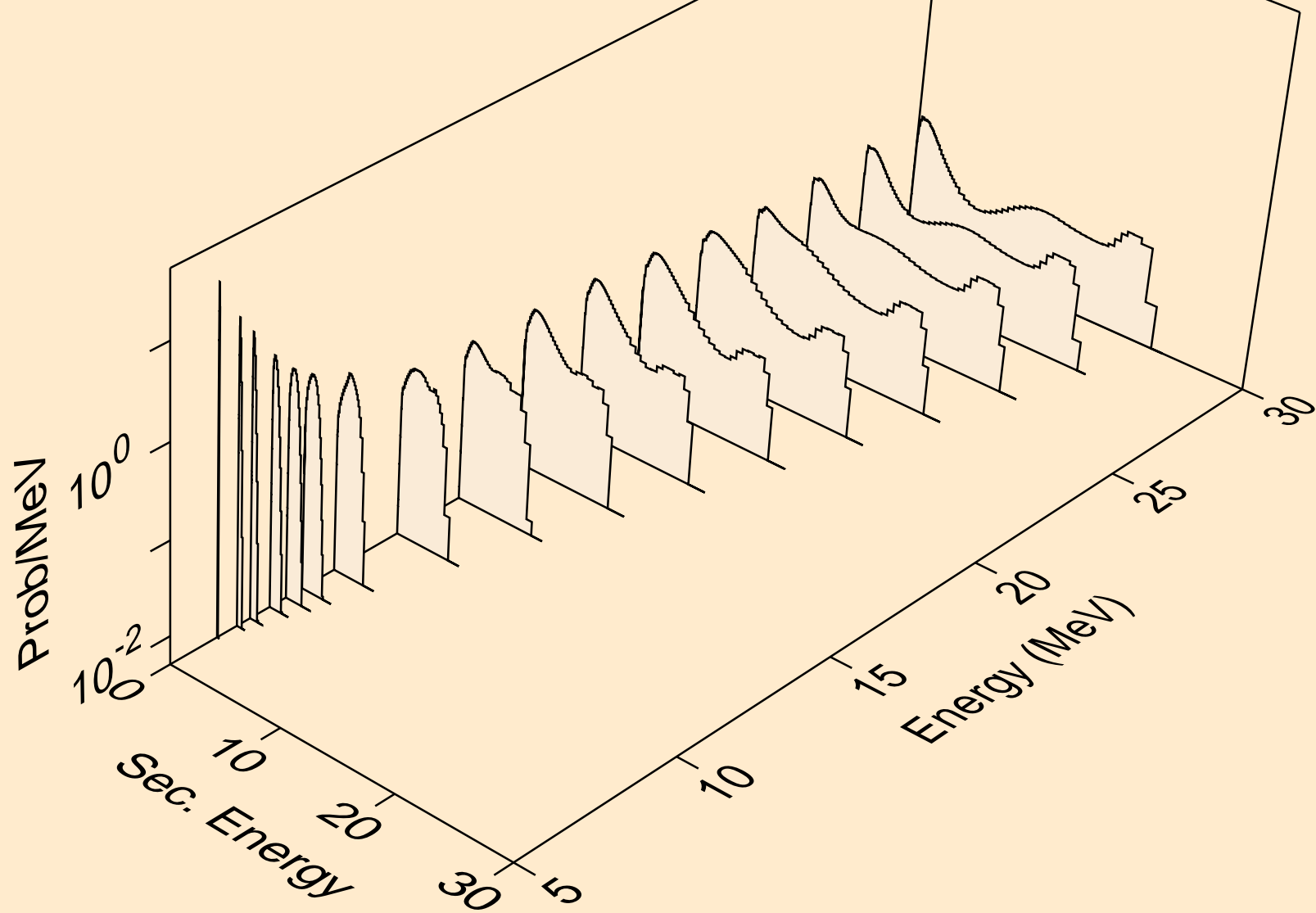
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



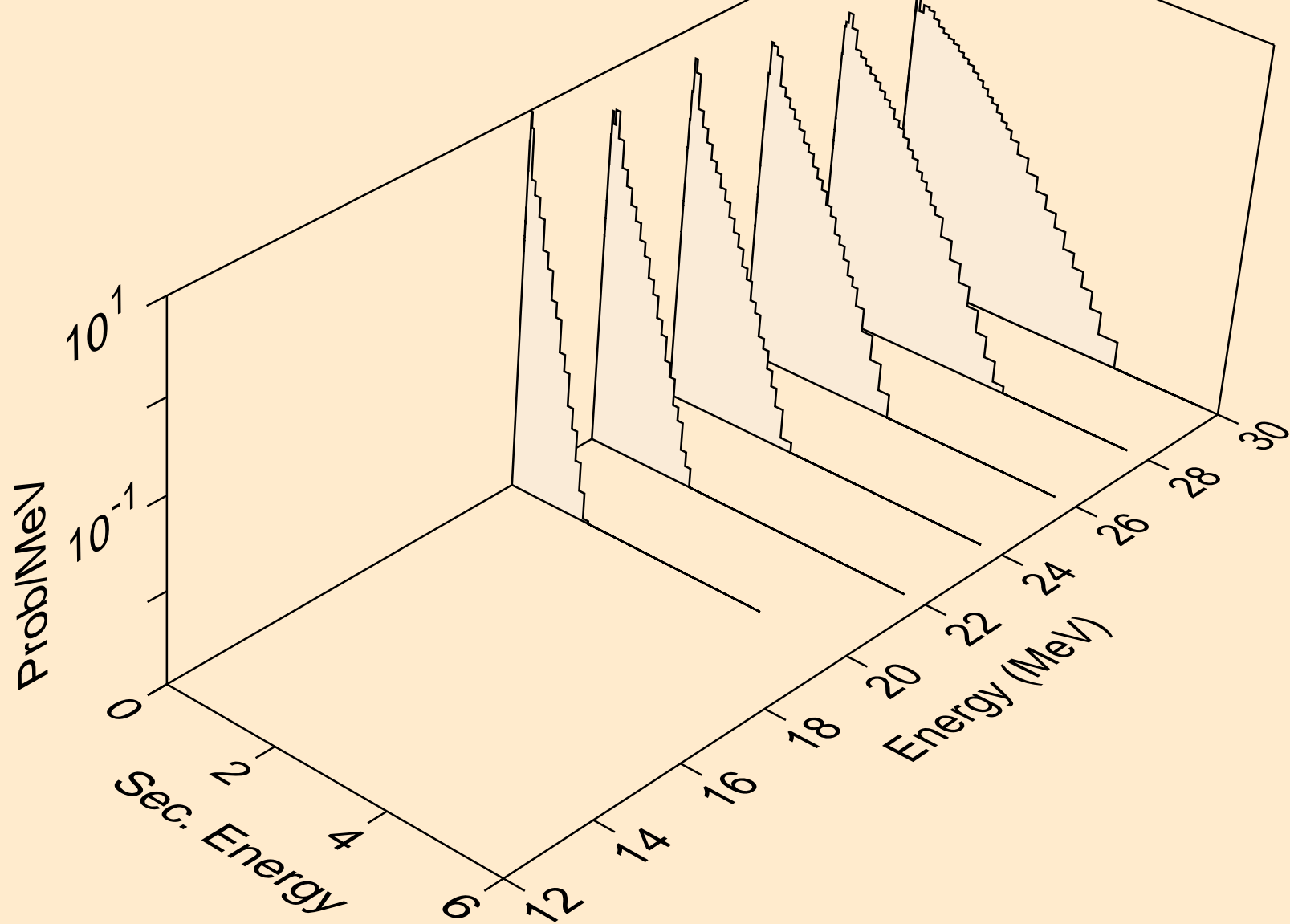
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Neutron emission for (n,2n)a



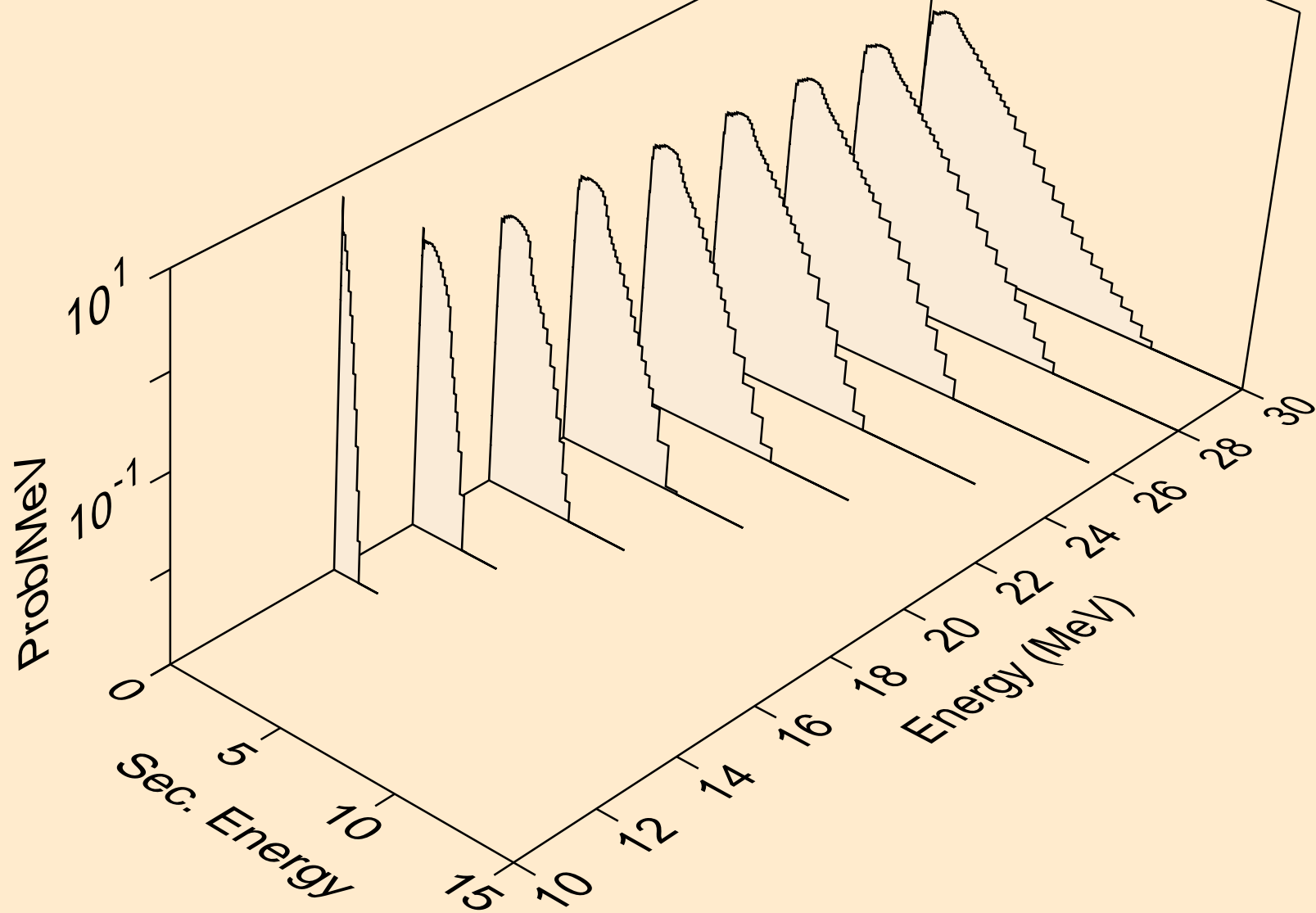
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Neutron emission for (n,n\*)p



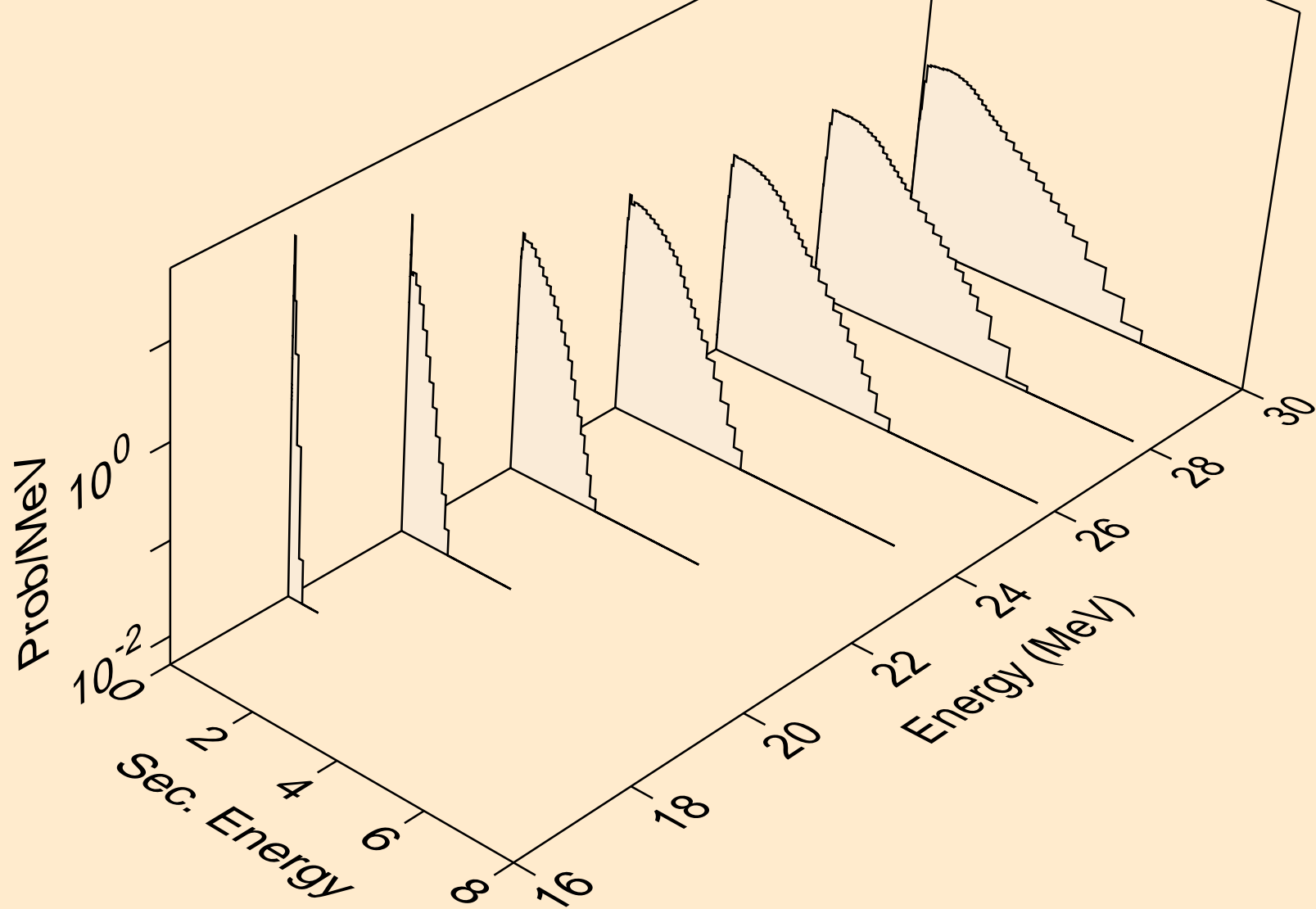
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

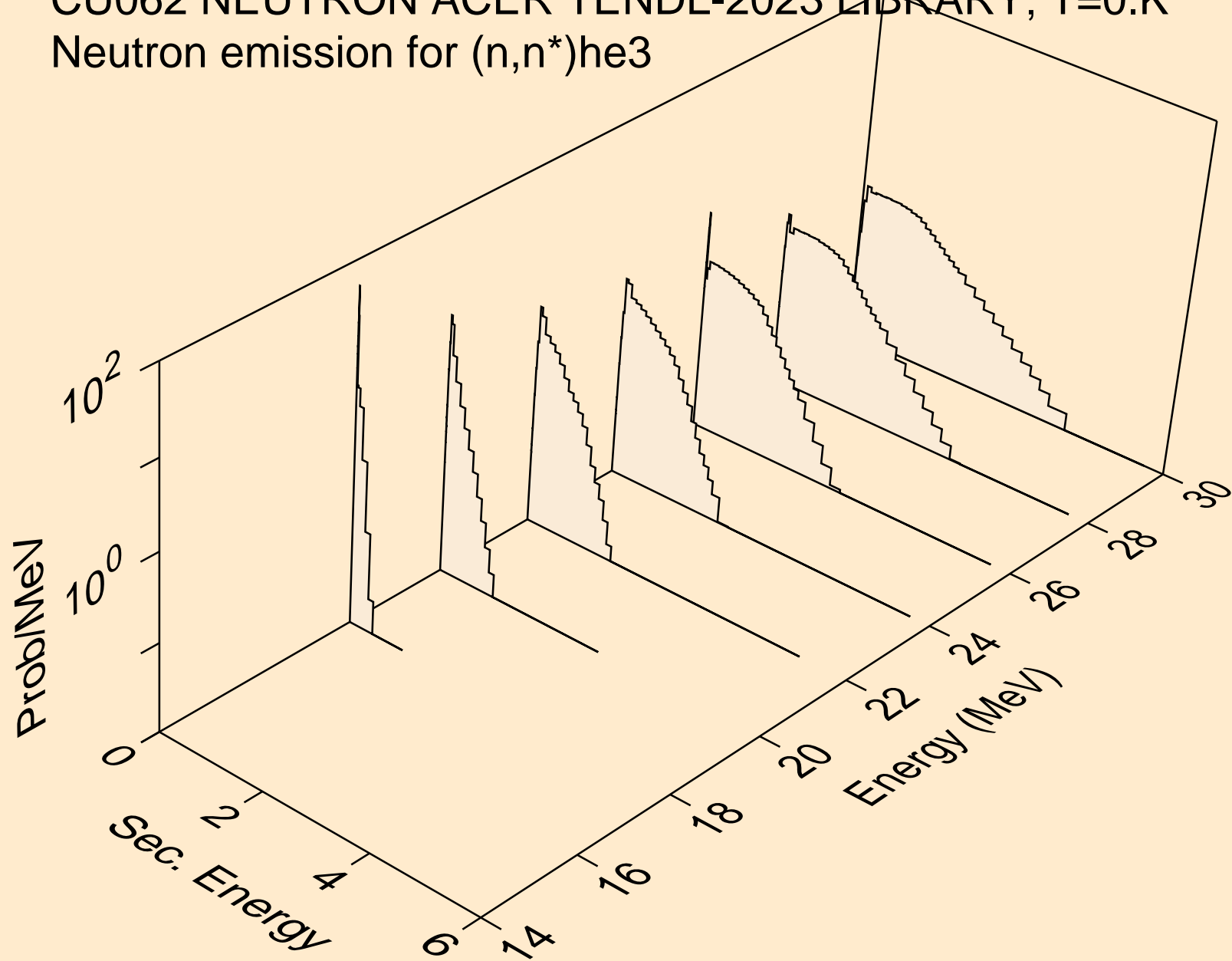


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

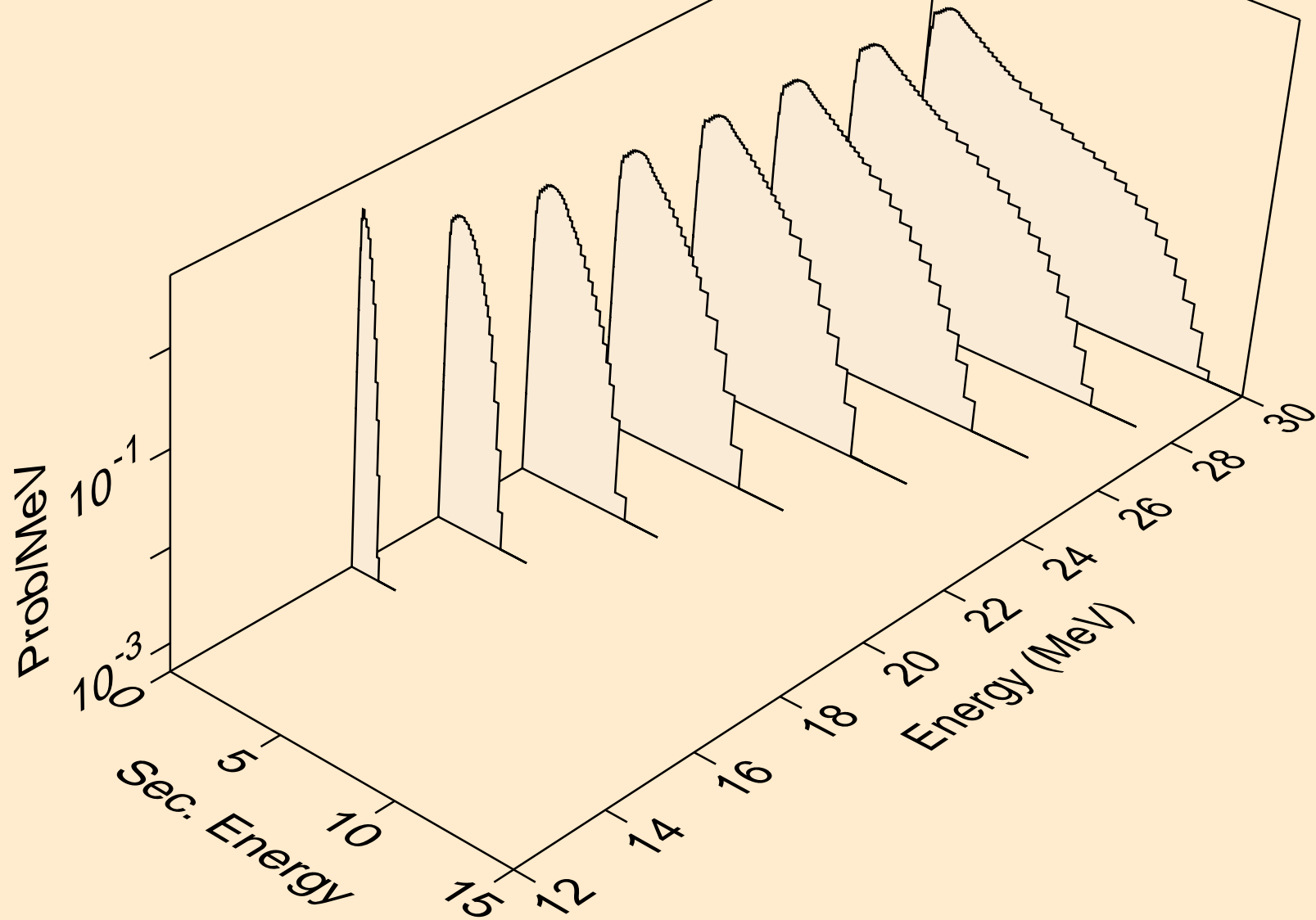




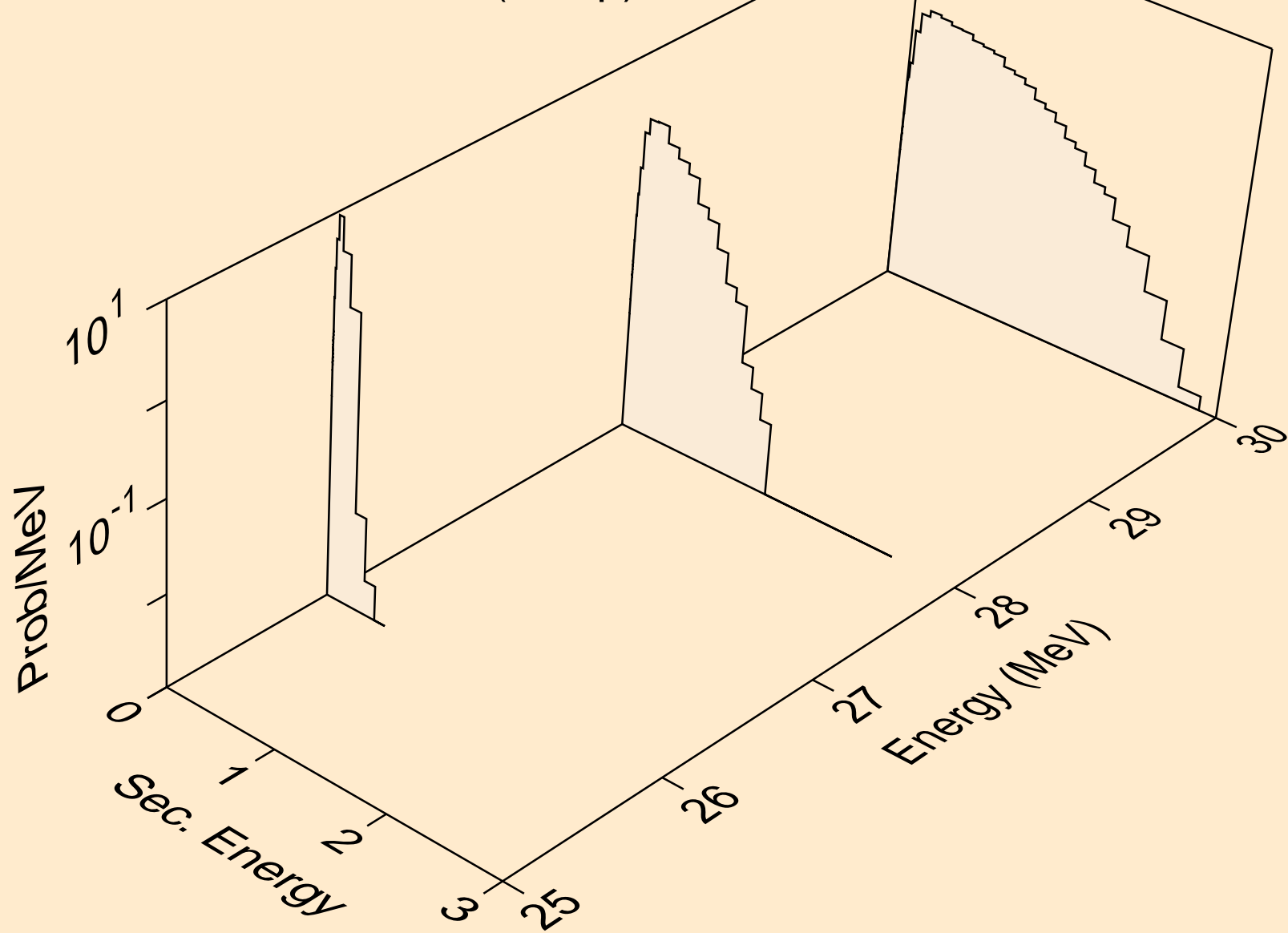
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



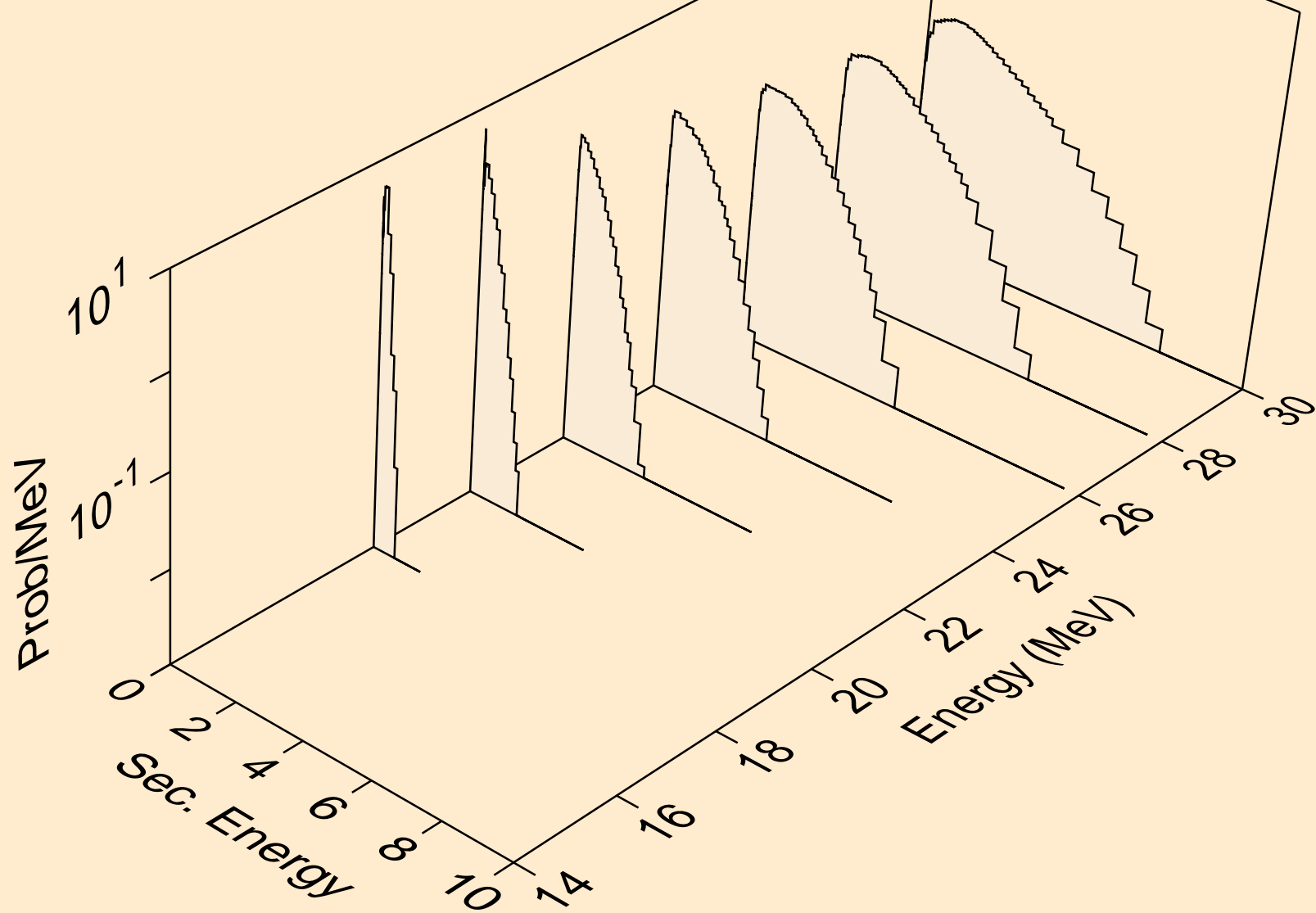
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



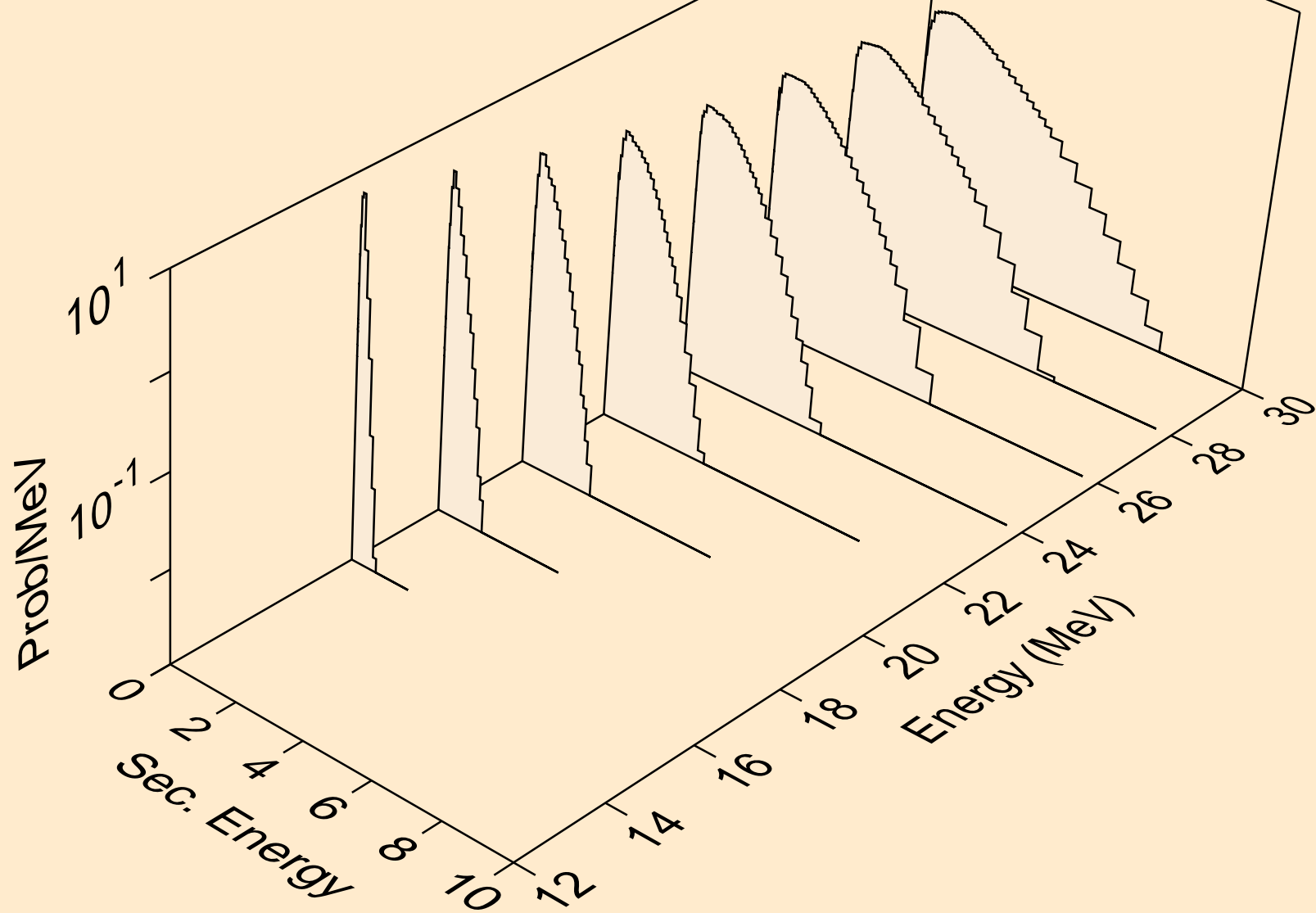
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



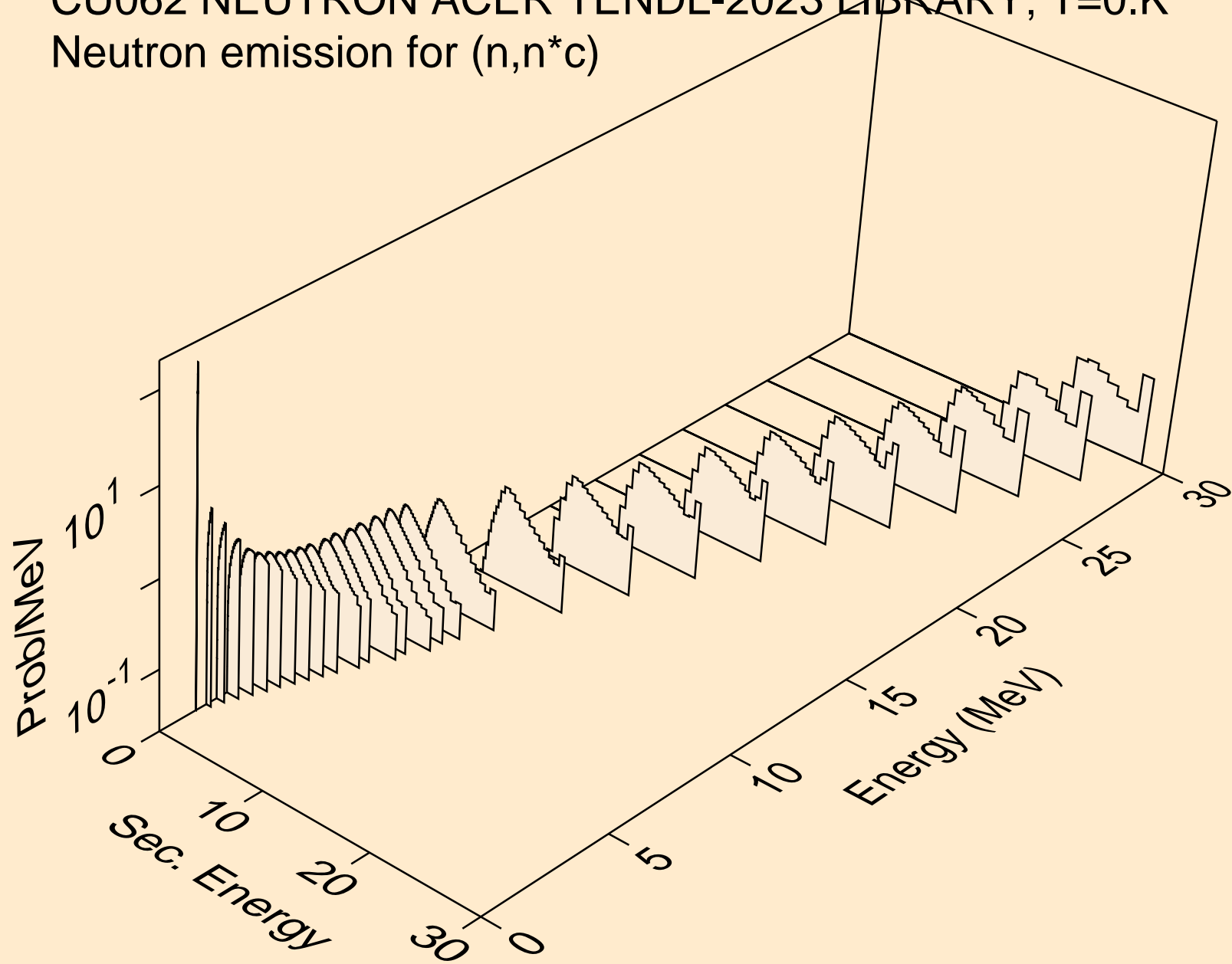
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



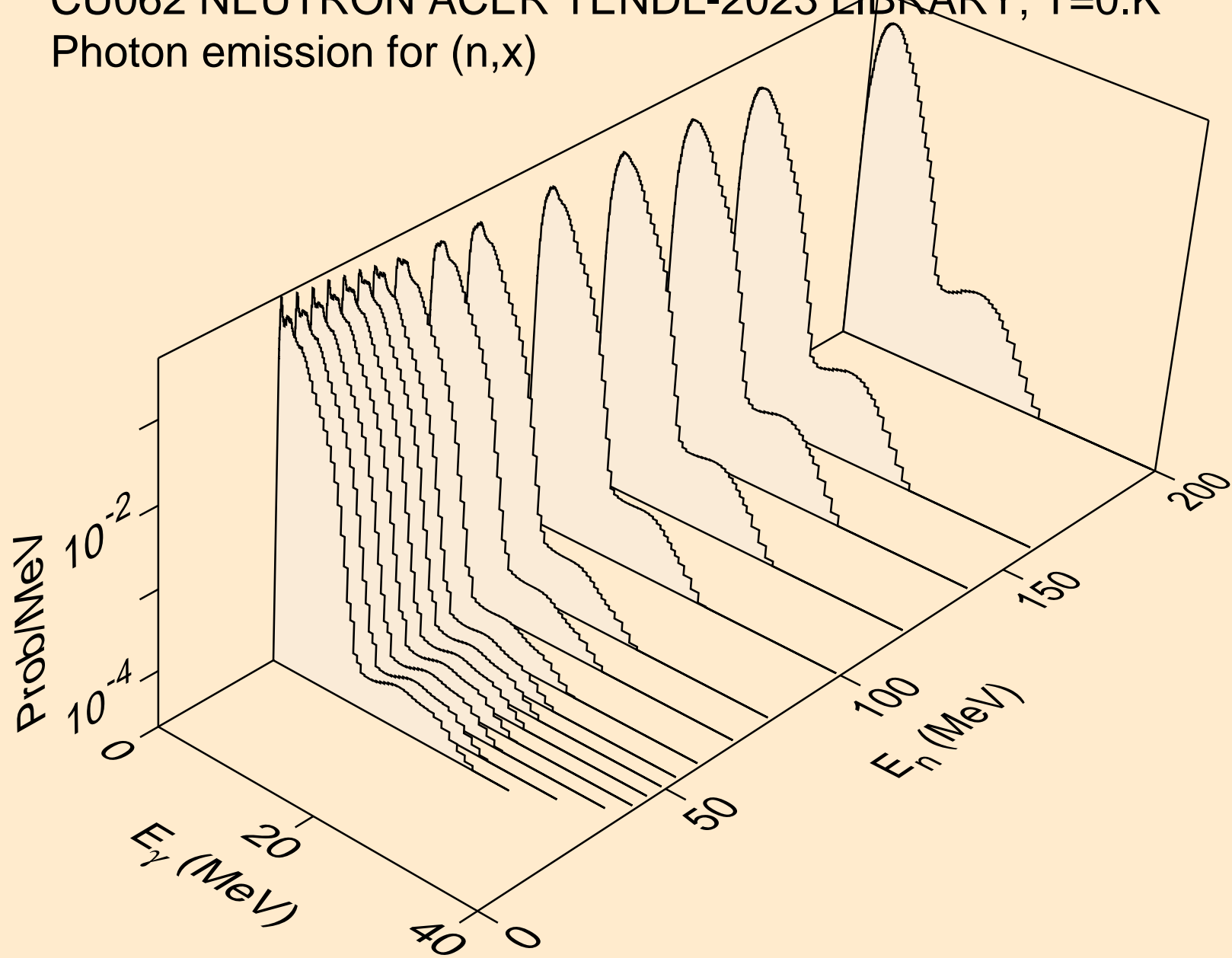
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Neutron emission for (n,npa)



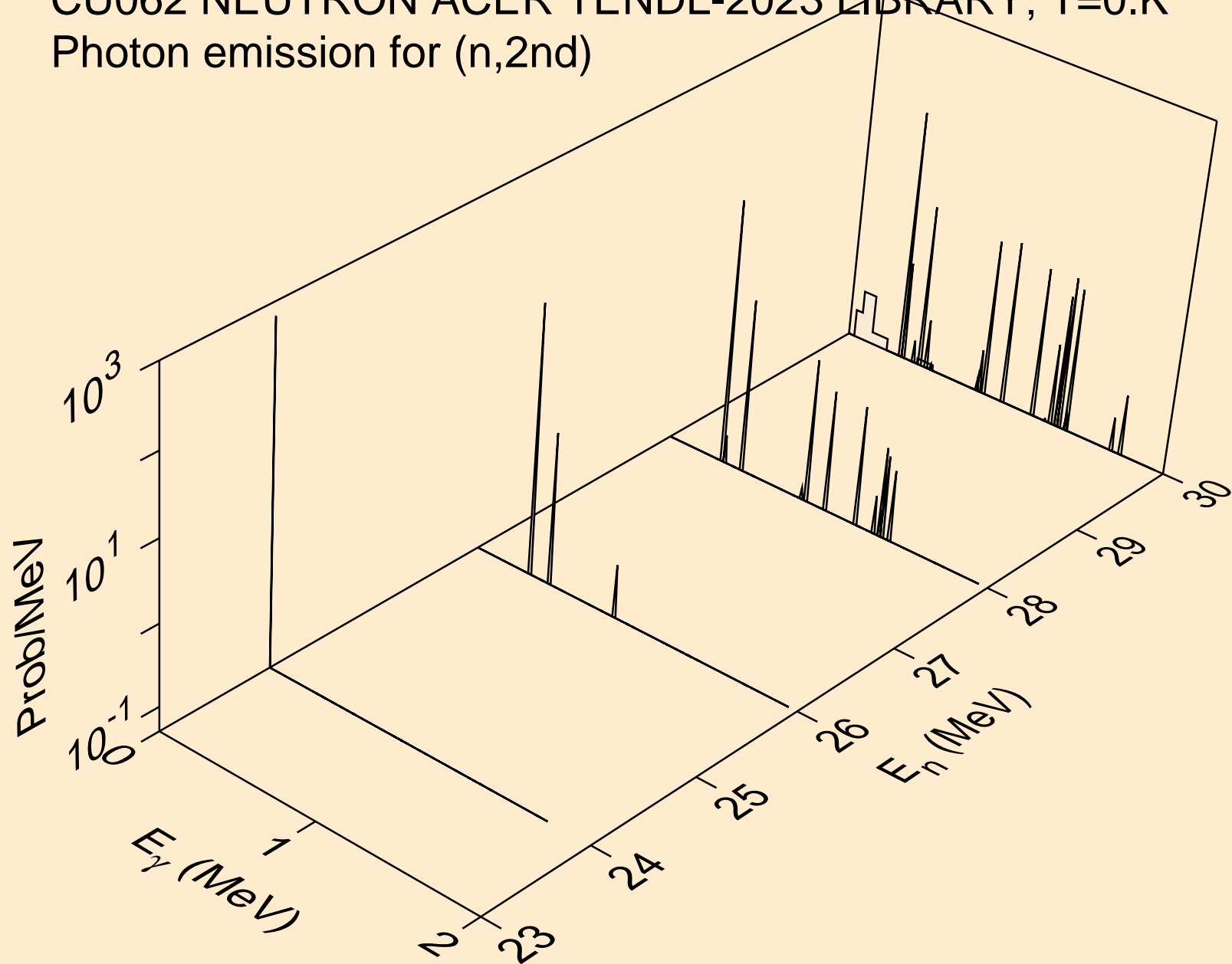
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

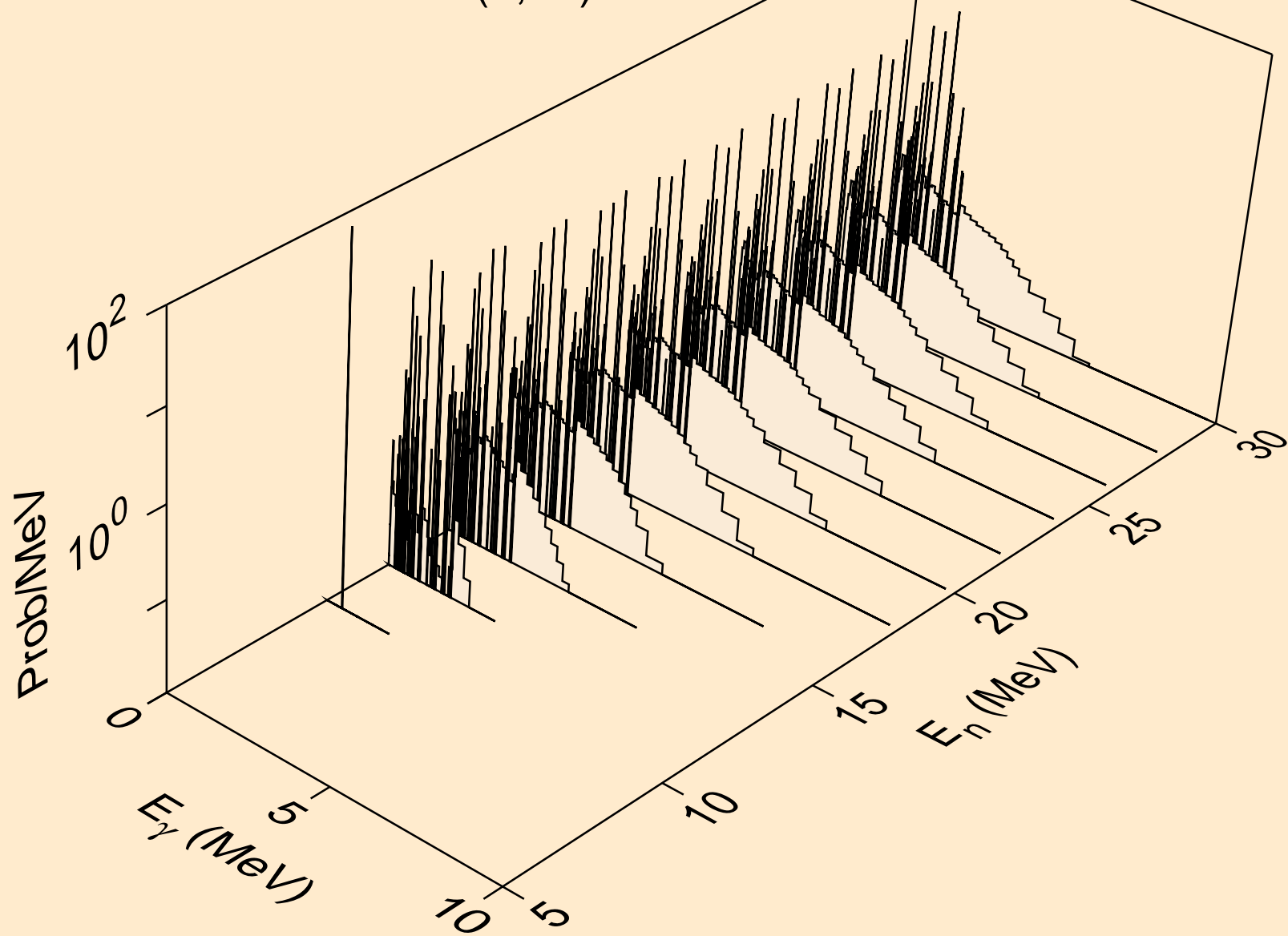


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Photon emission for (n,2nd)

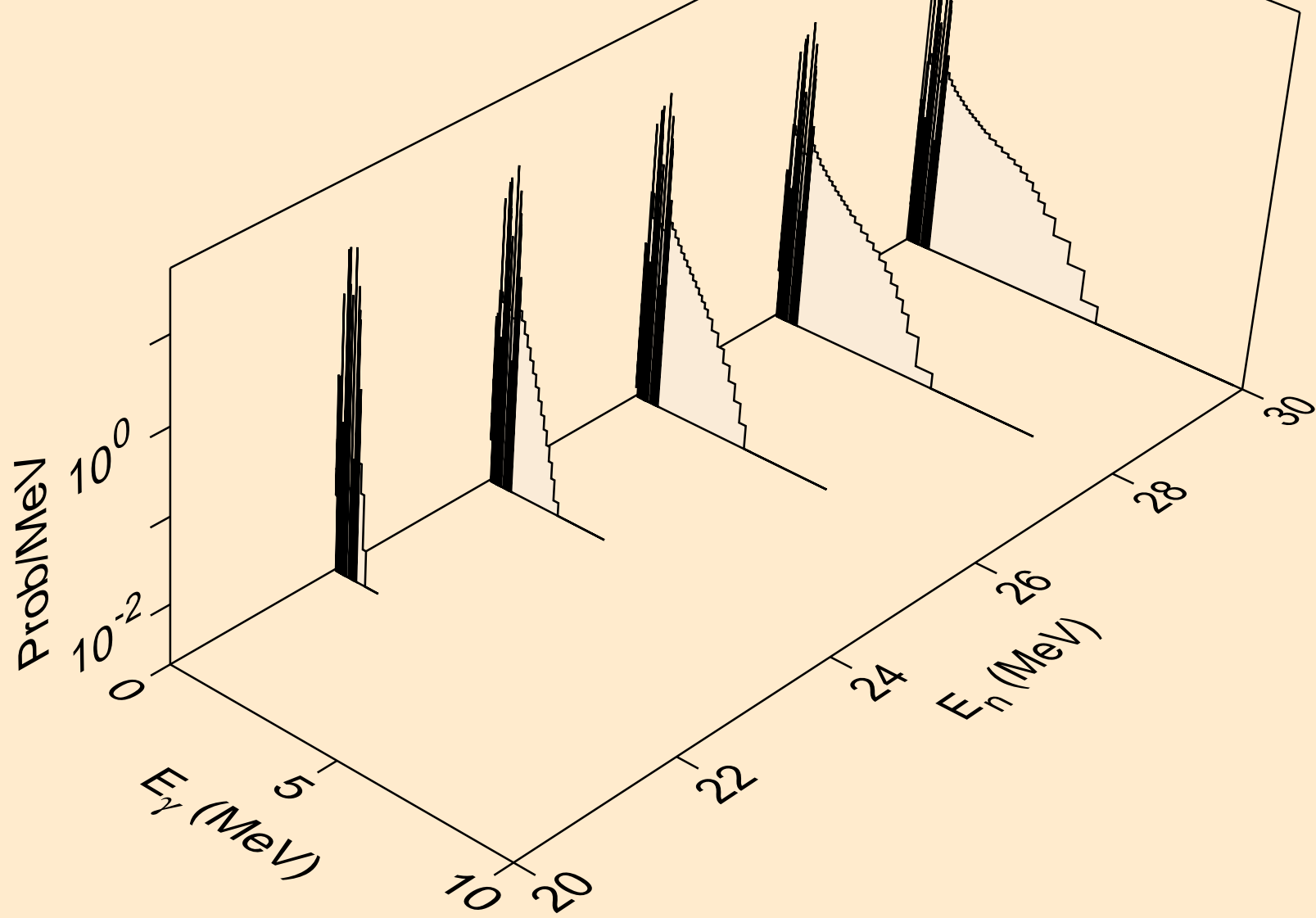




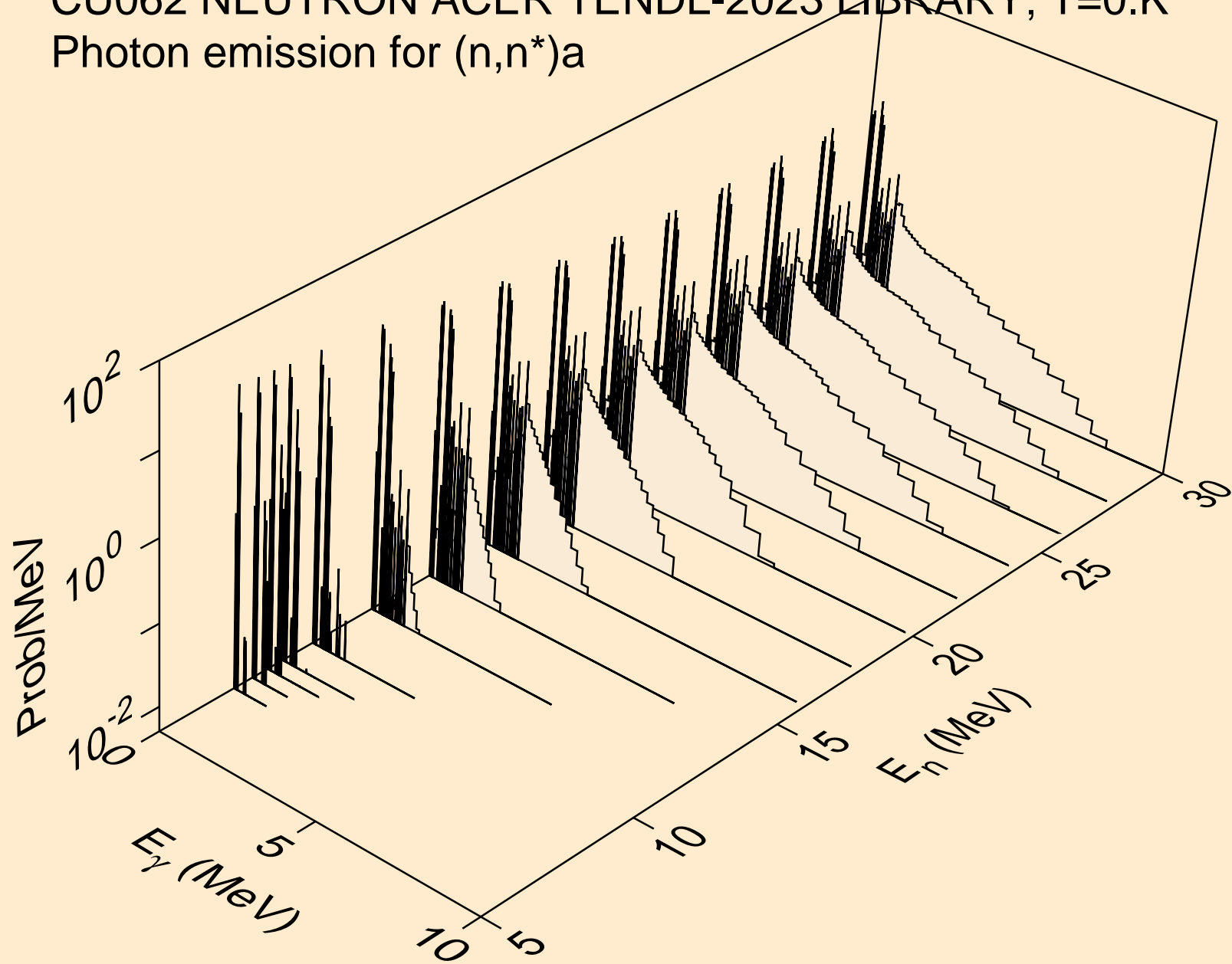
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Photon emission for (n,2n)



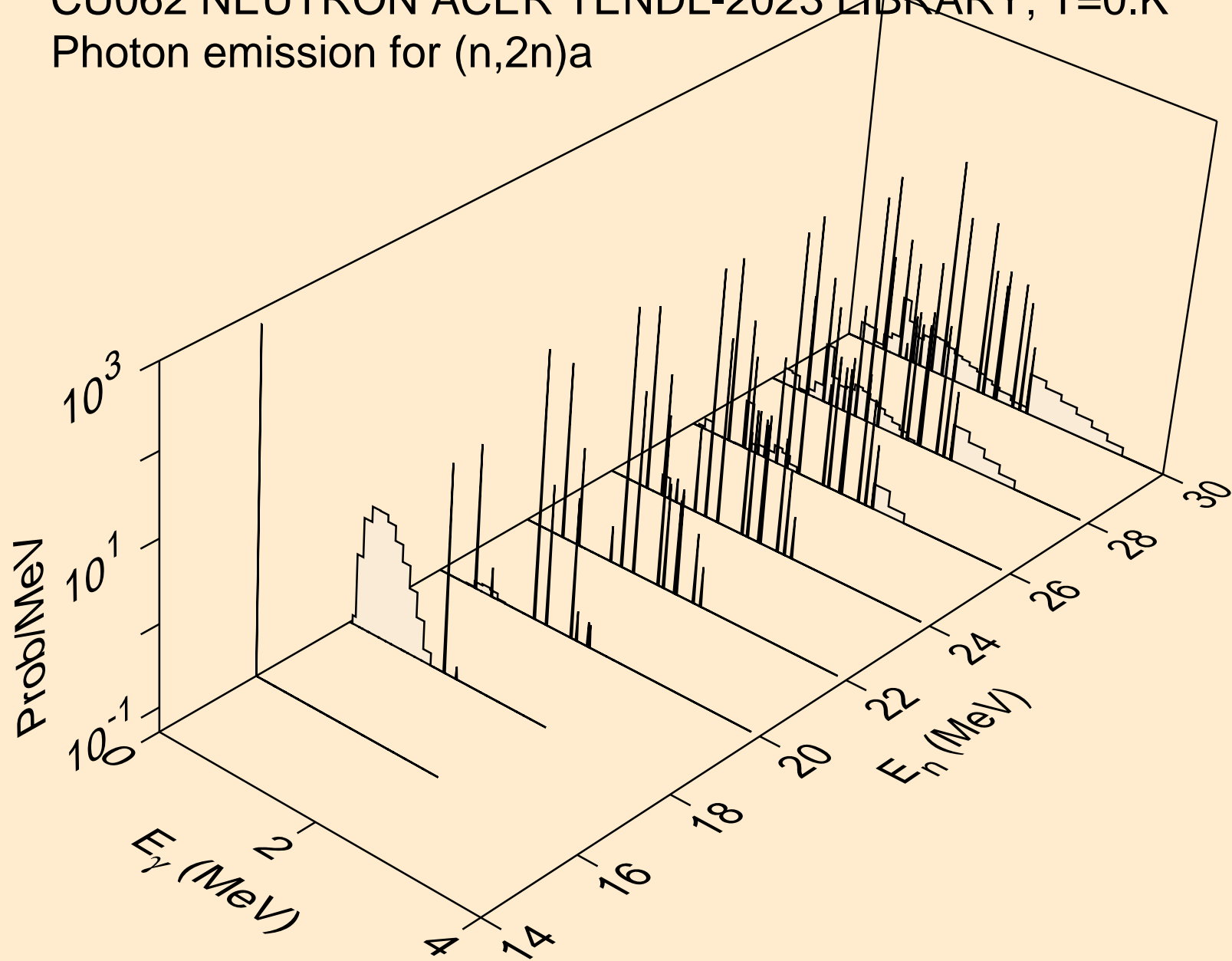
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Photon emission for (n,3n)



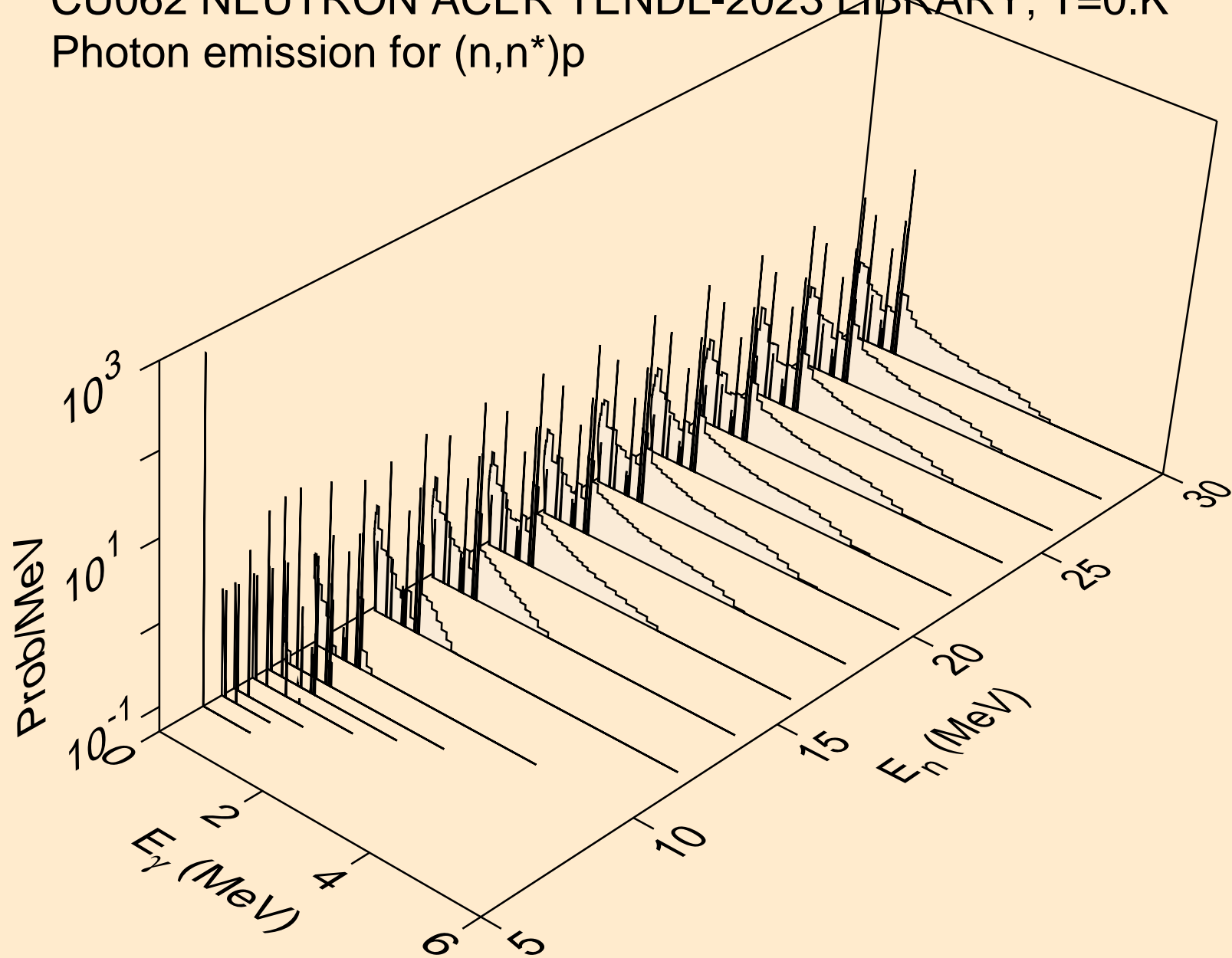
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Photon emission for (n,n\*)a



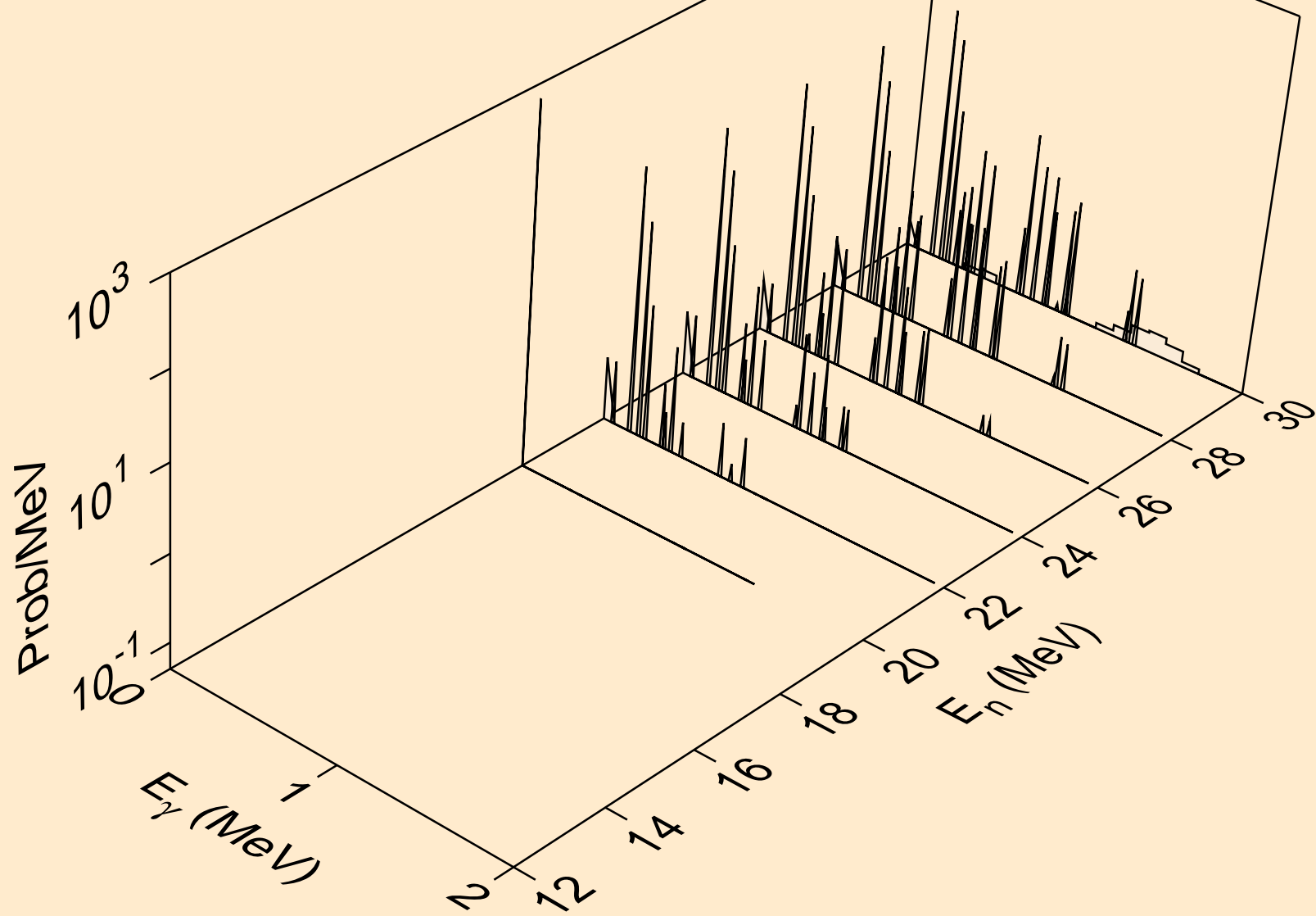
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Photon emission for (n,2n)a



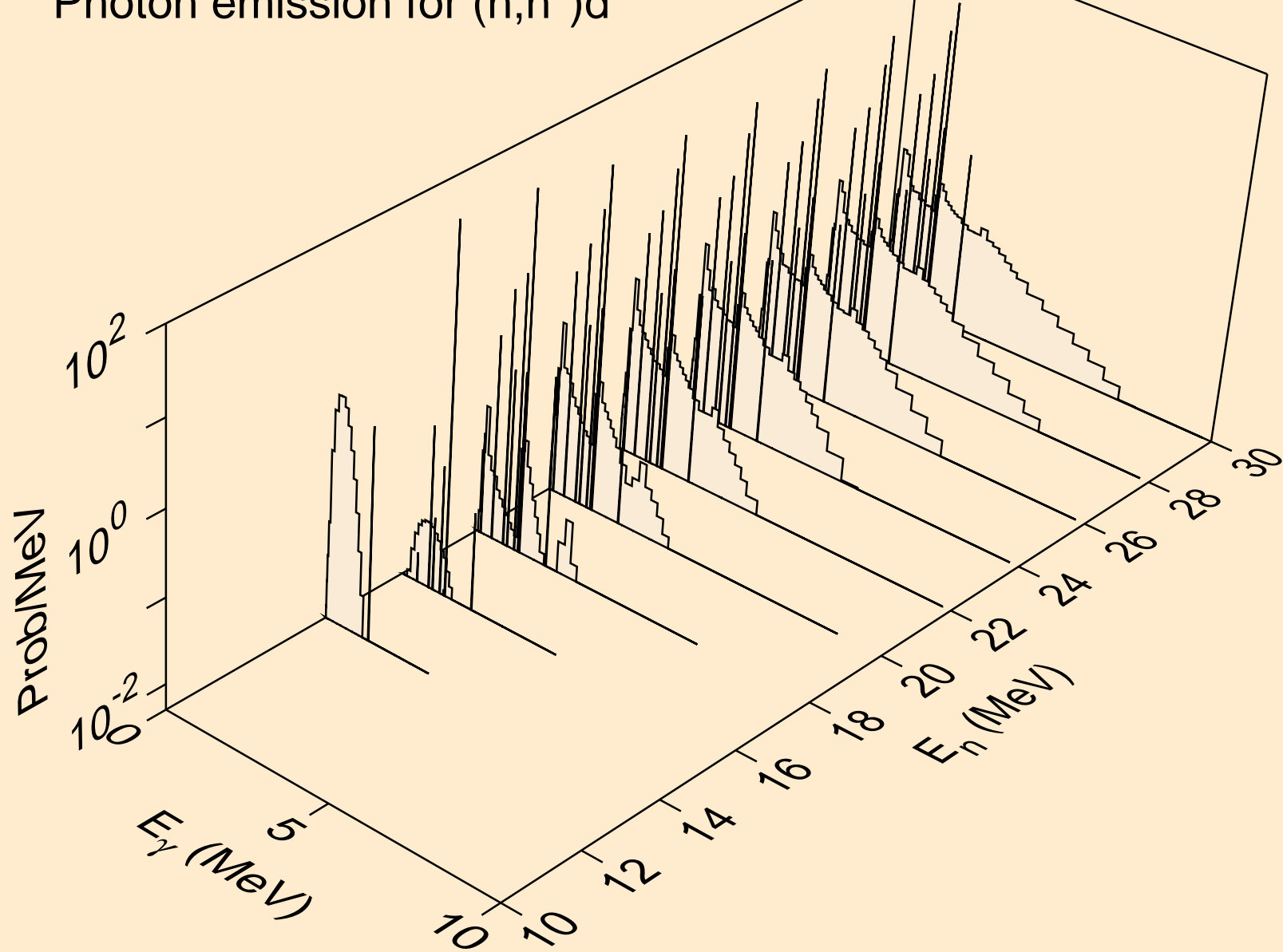
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Photon emission for (n,n\*)p



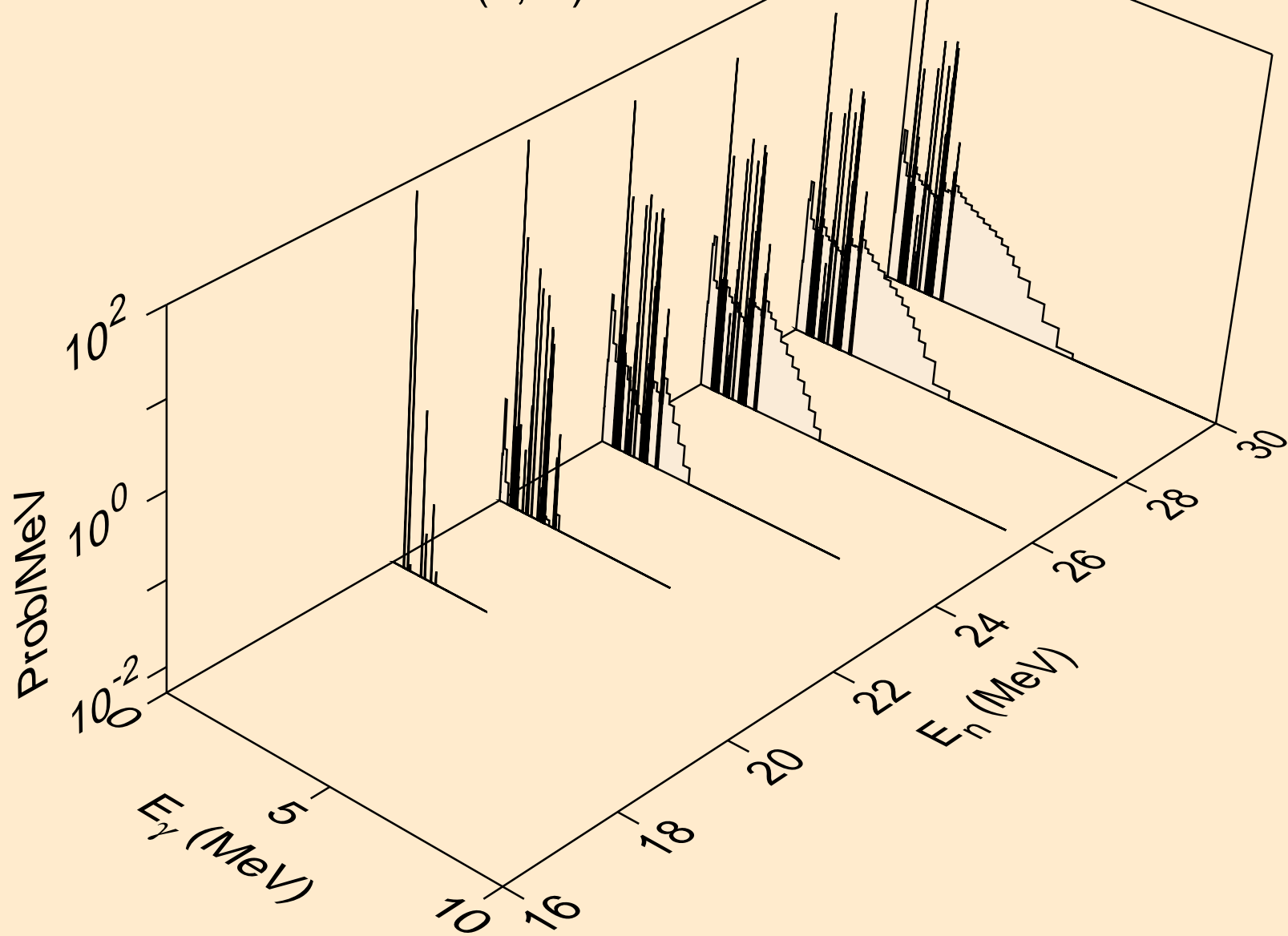
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Photon emission for (n,n\*)2a



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

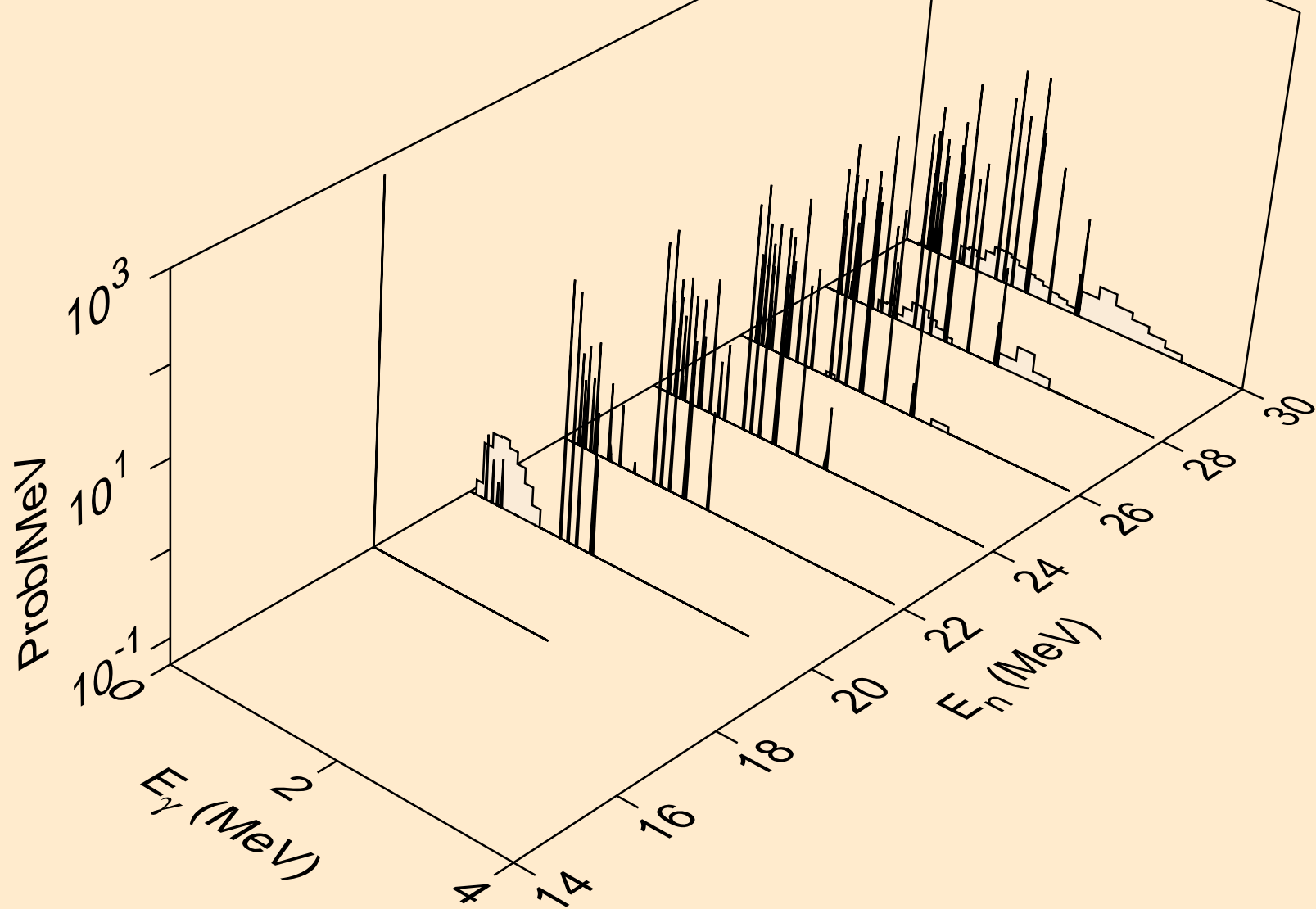


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

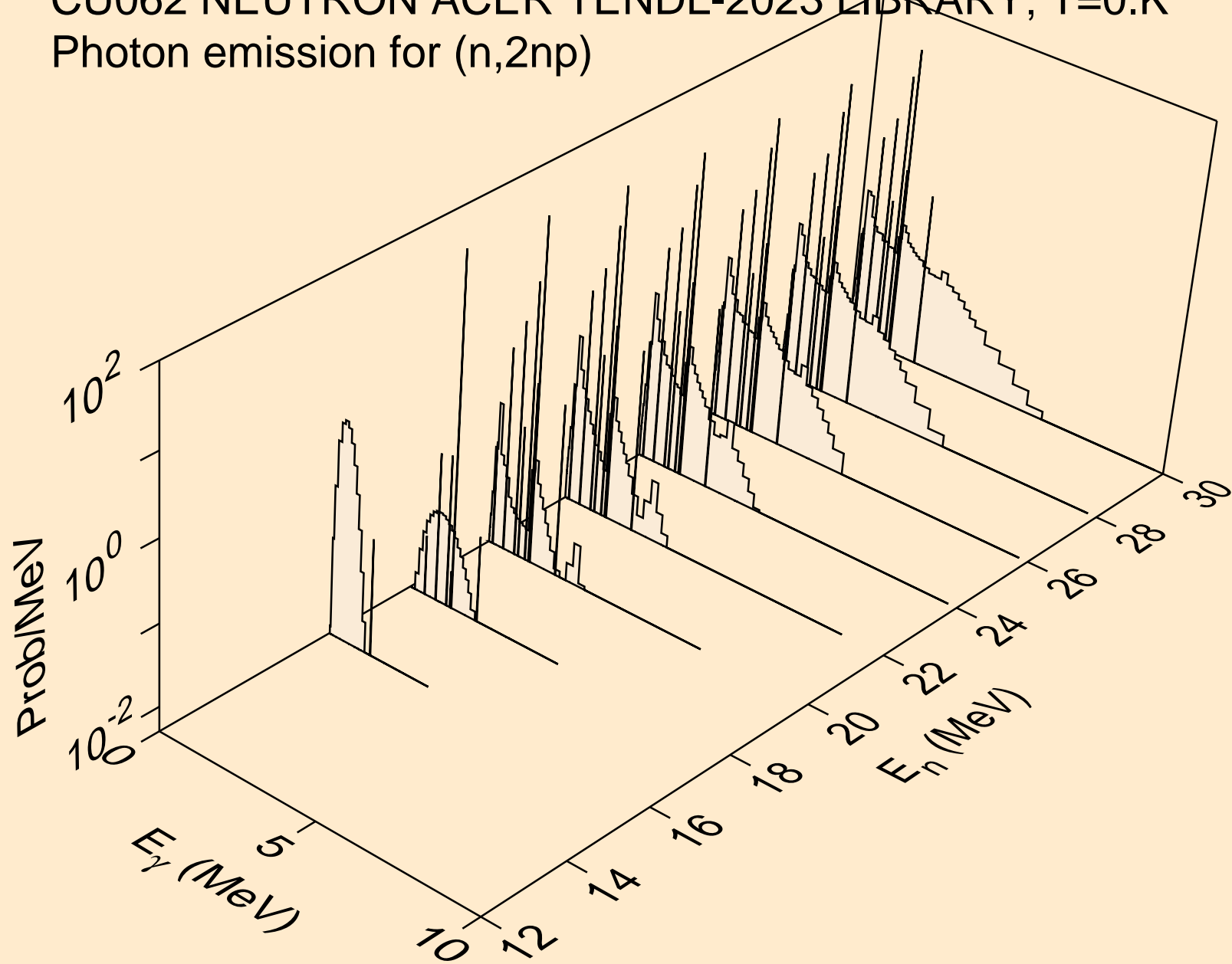




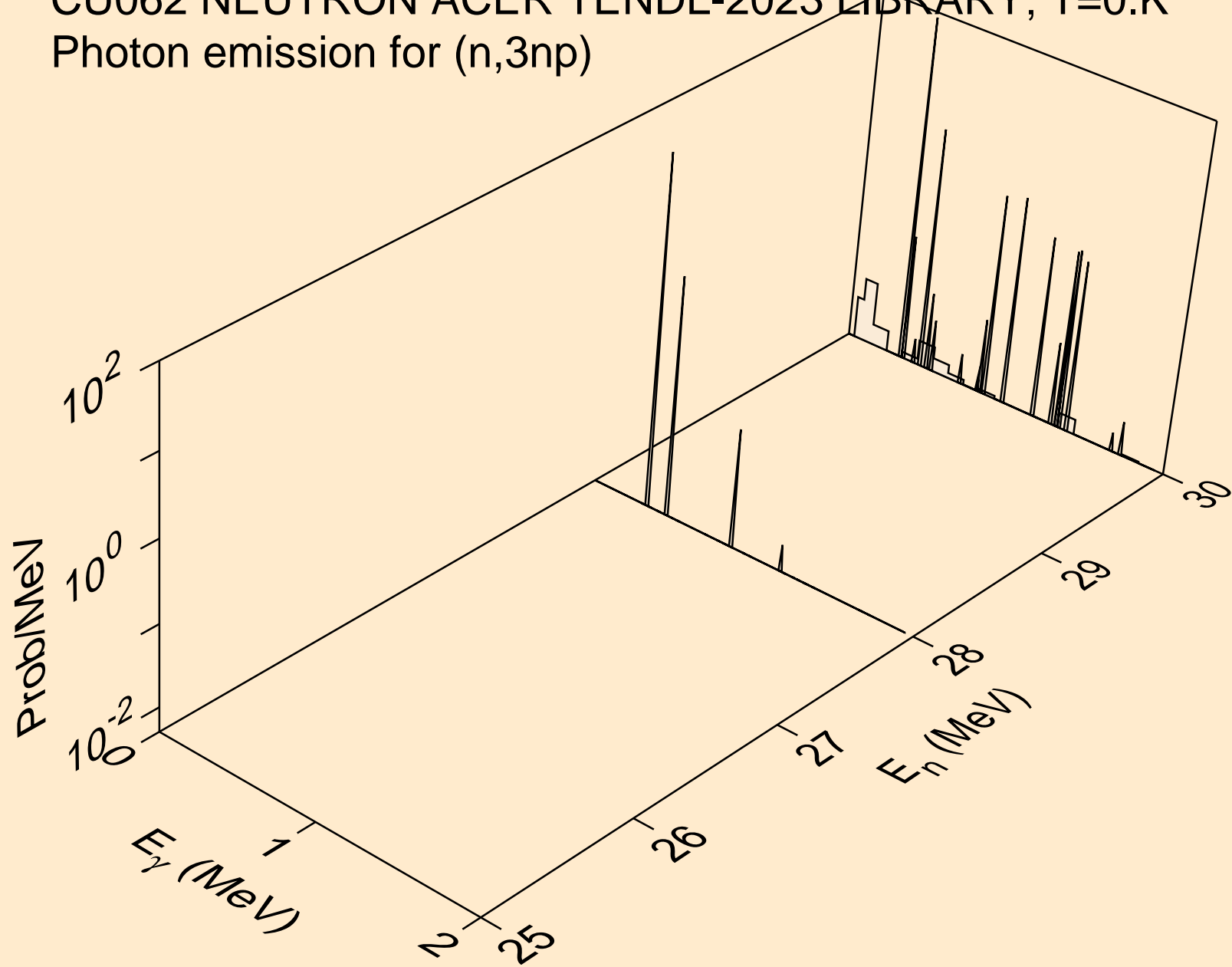
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Photon emission for (n,n\*)he3



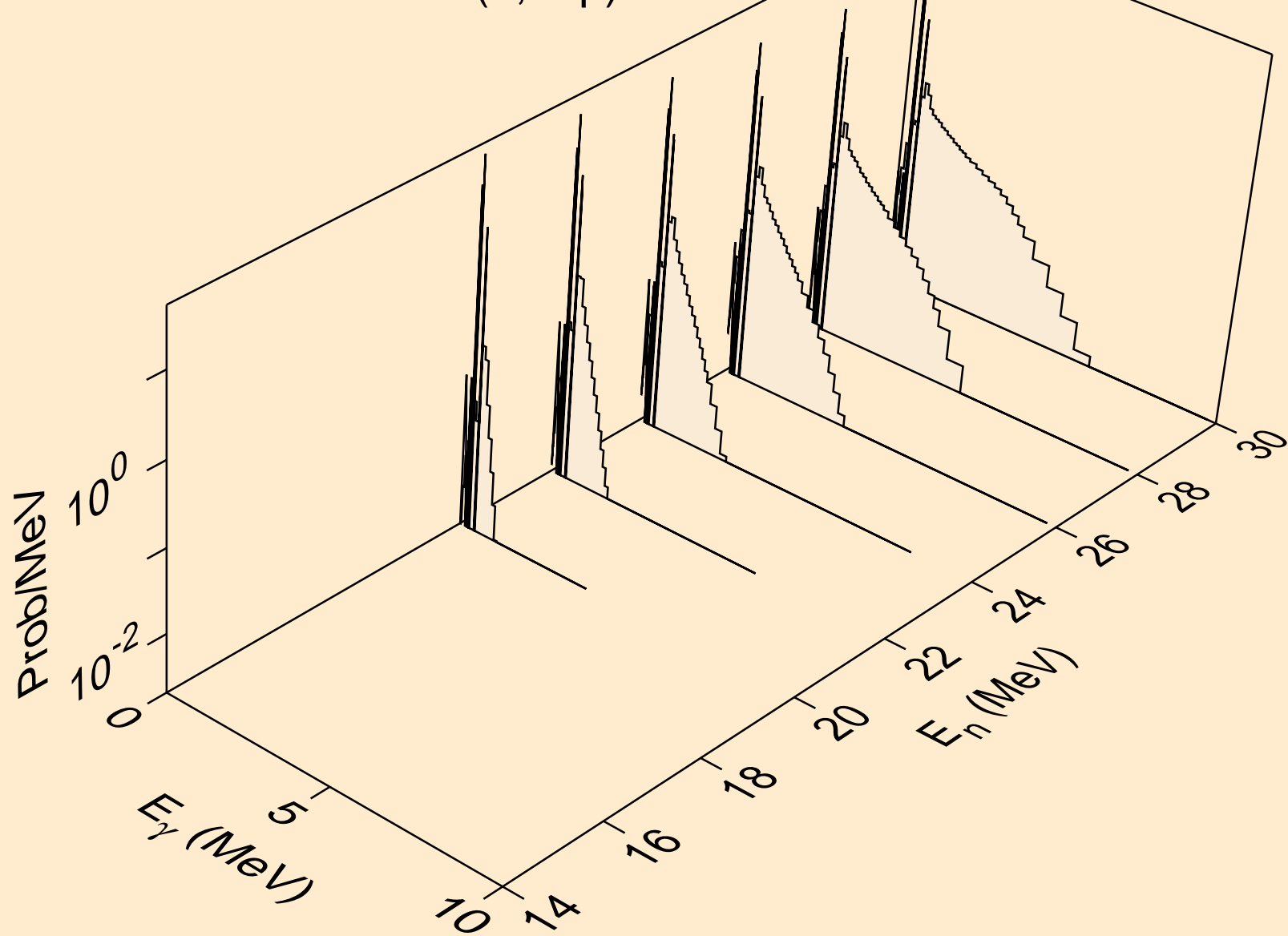
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Photon emission for (n,2np)



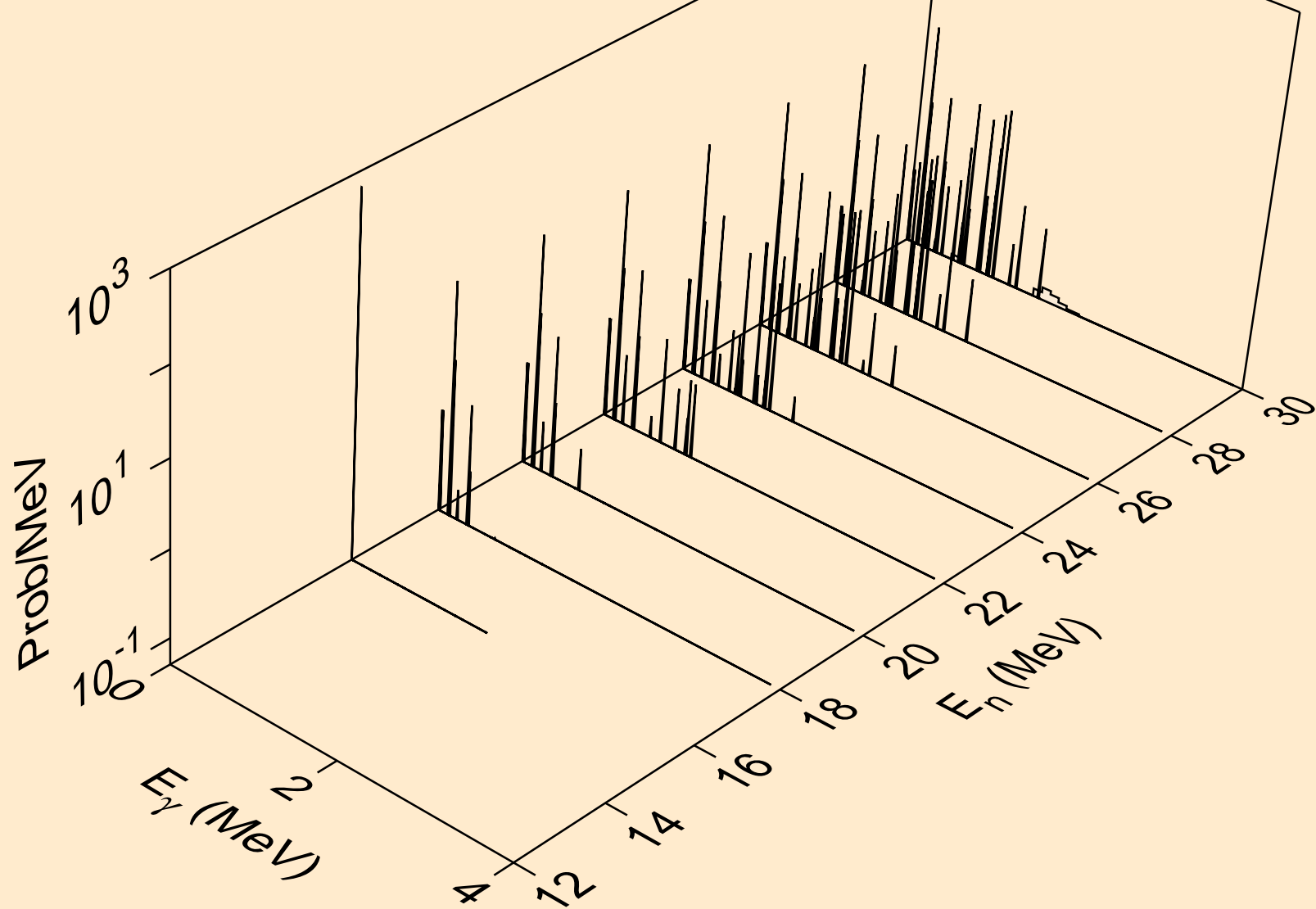
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Photon emission for (n,3np)



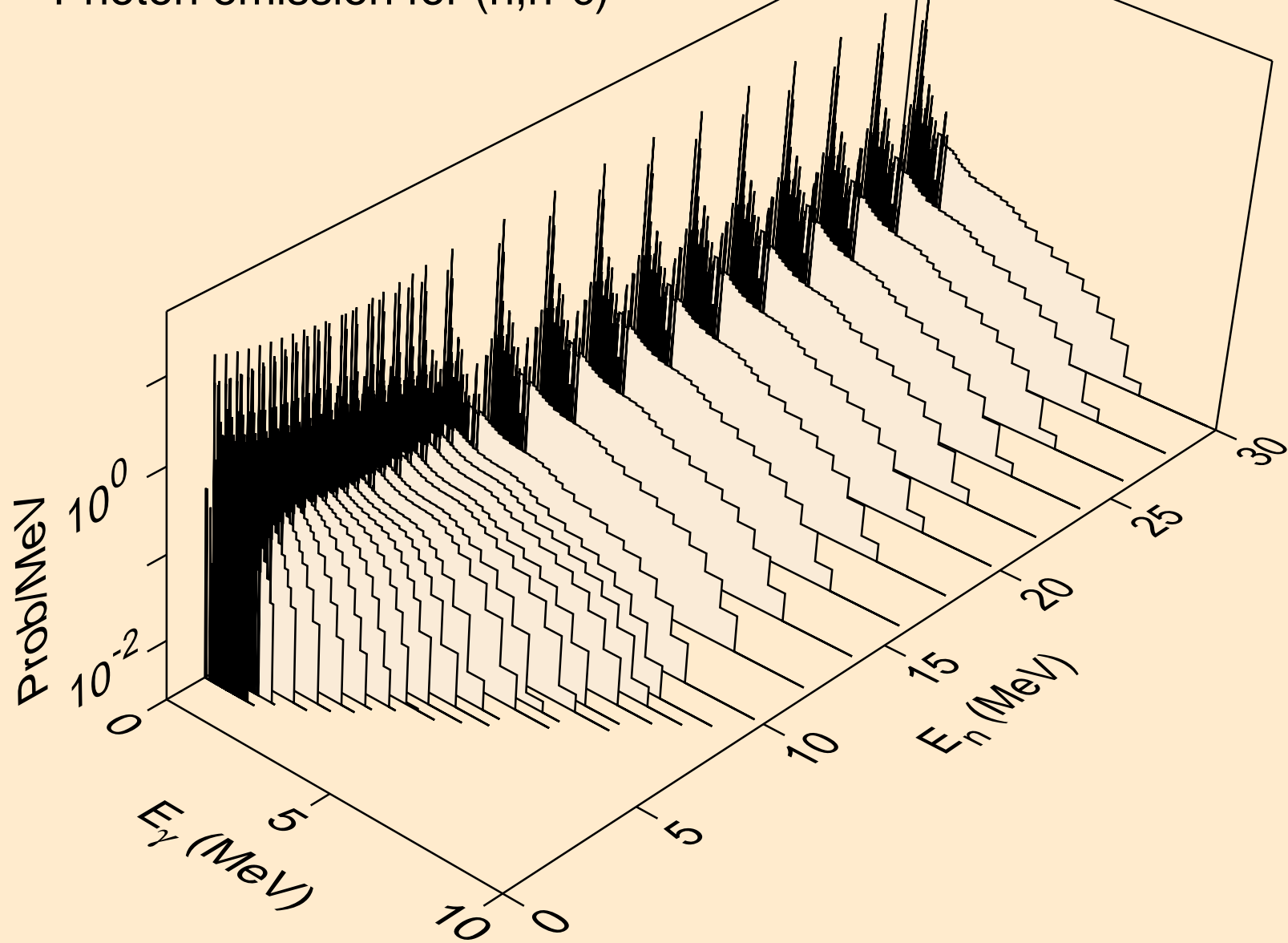
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Photon emission for (n,n2p)



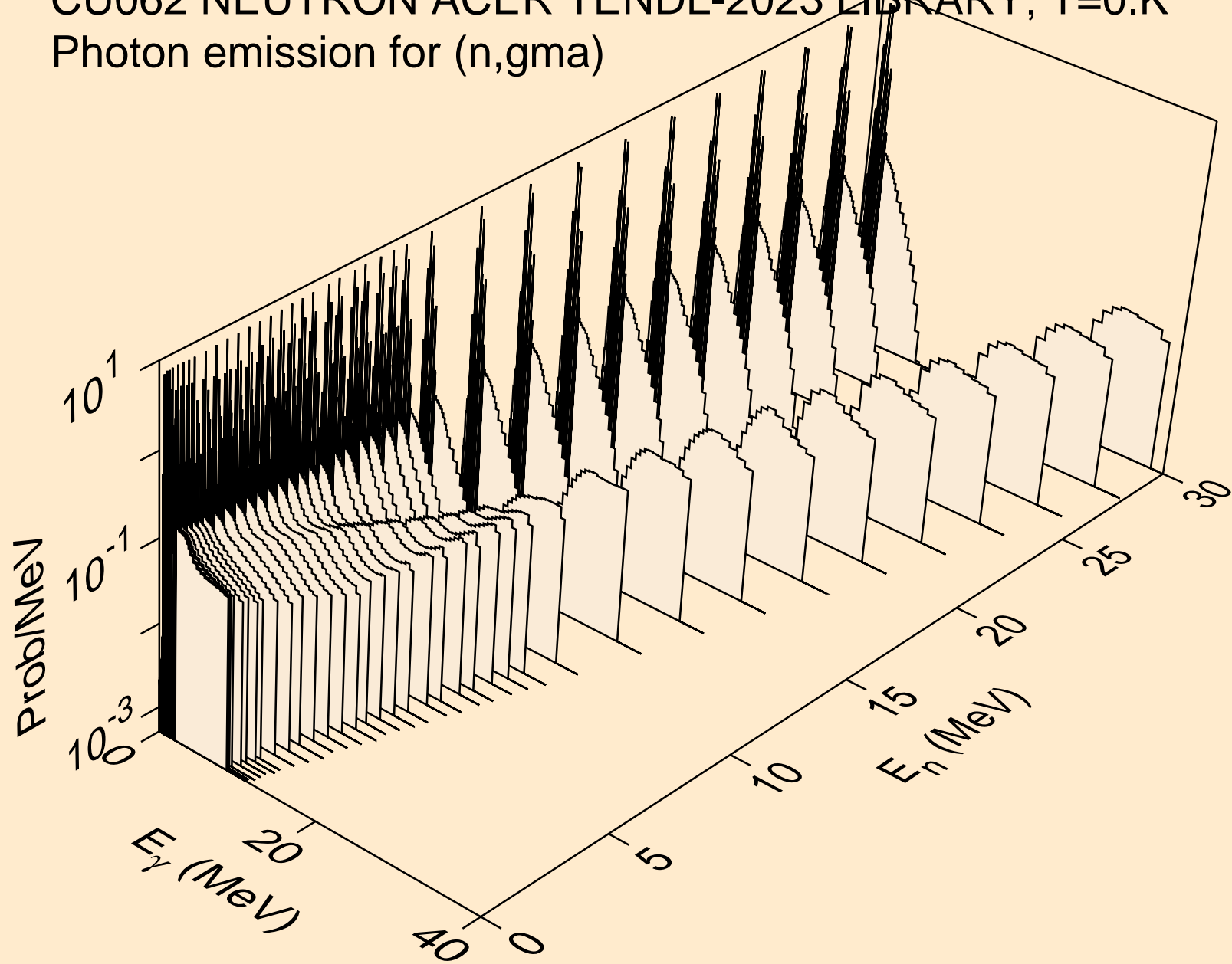
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Photon emission for (n,npa)



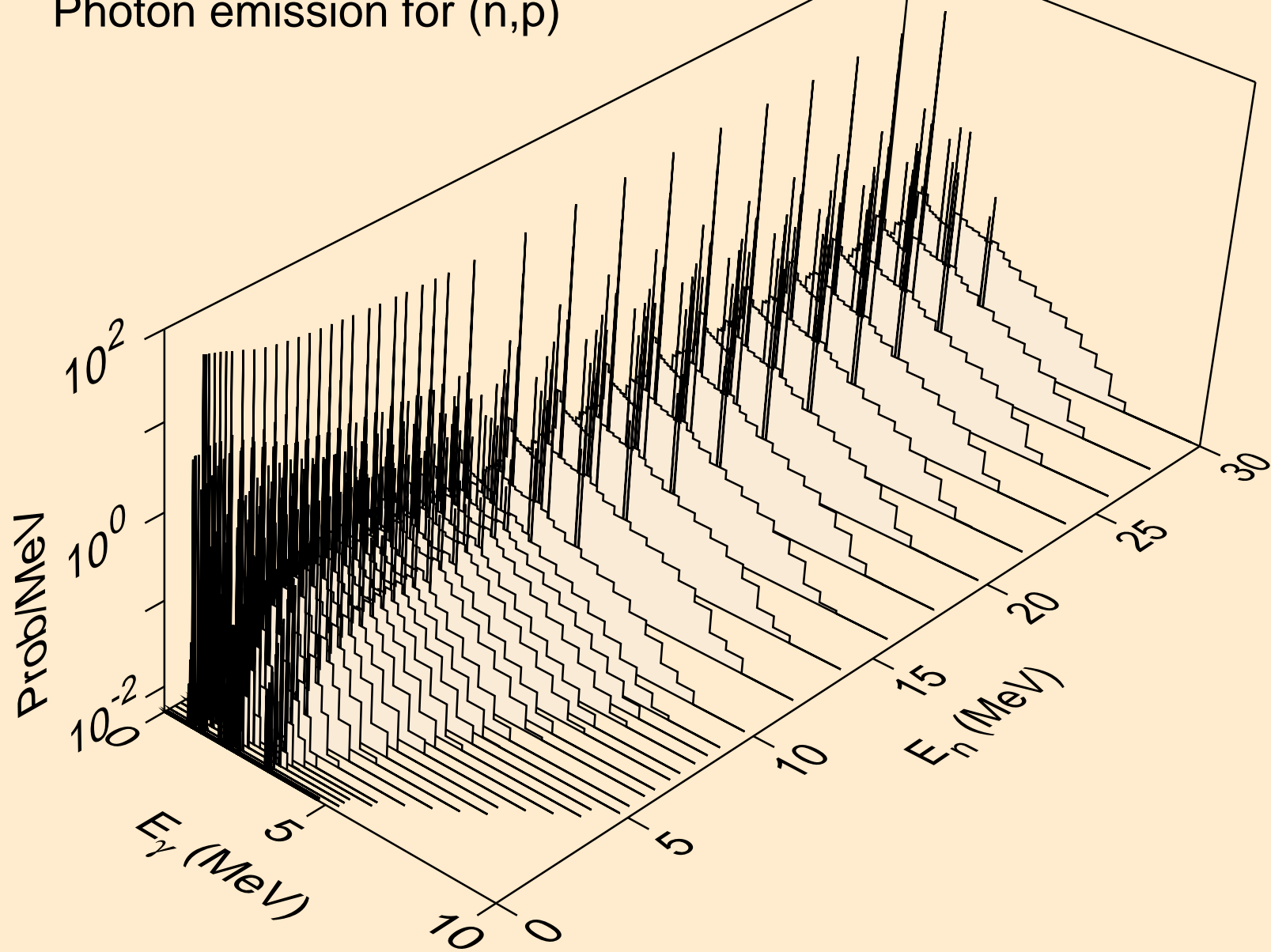
CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

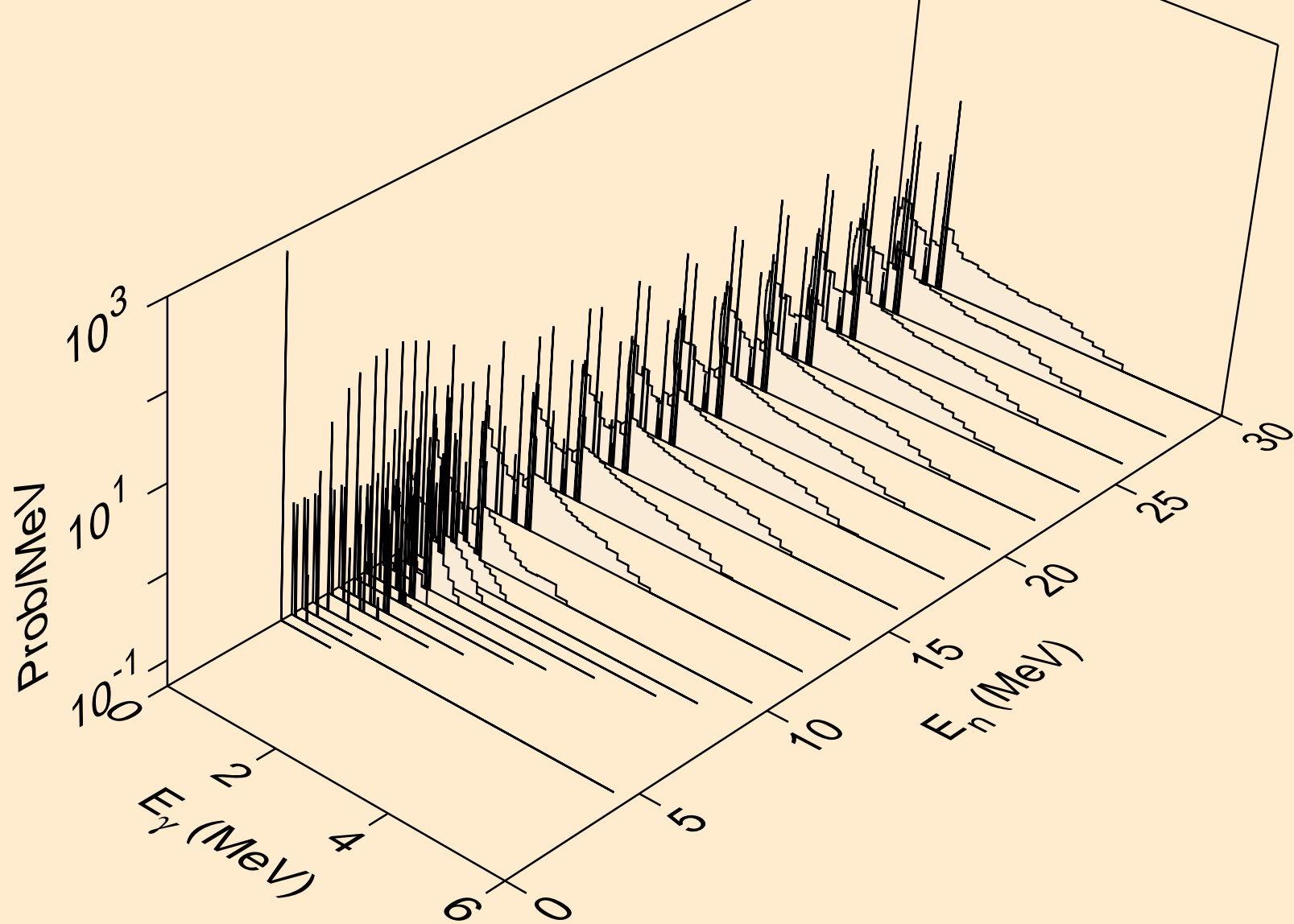


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Photon emission for (n,p)

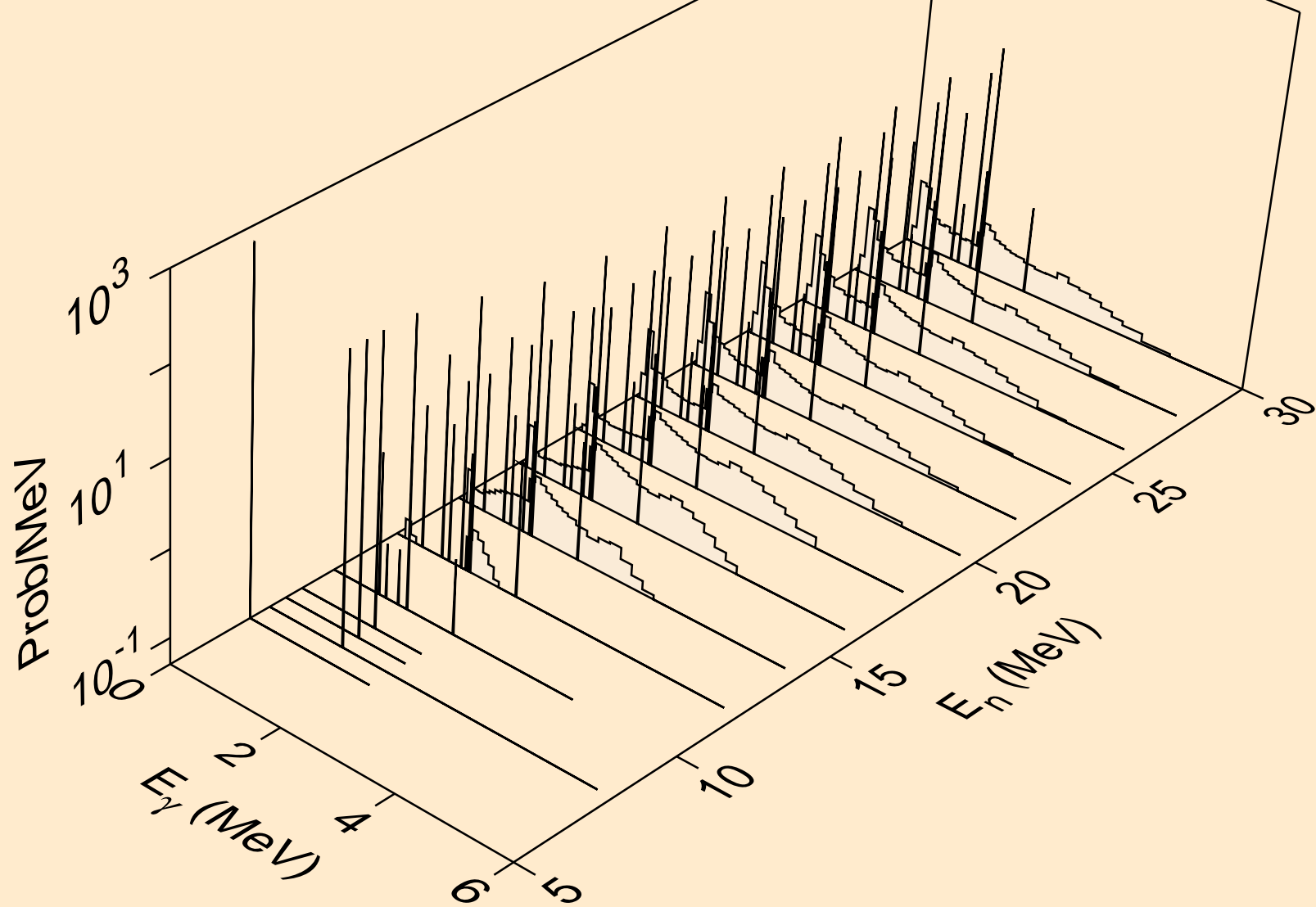




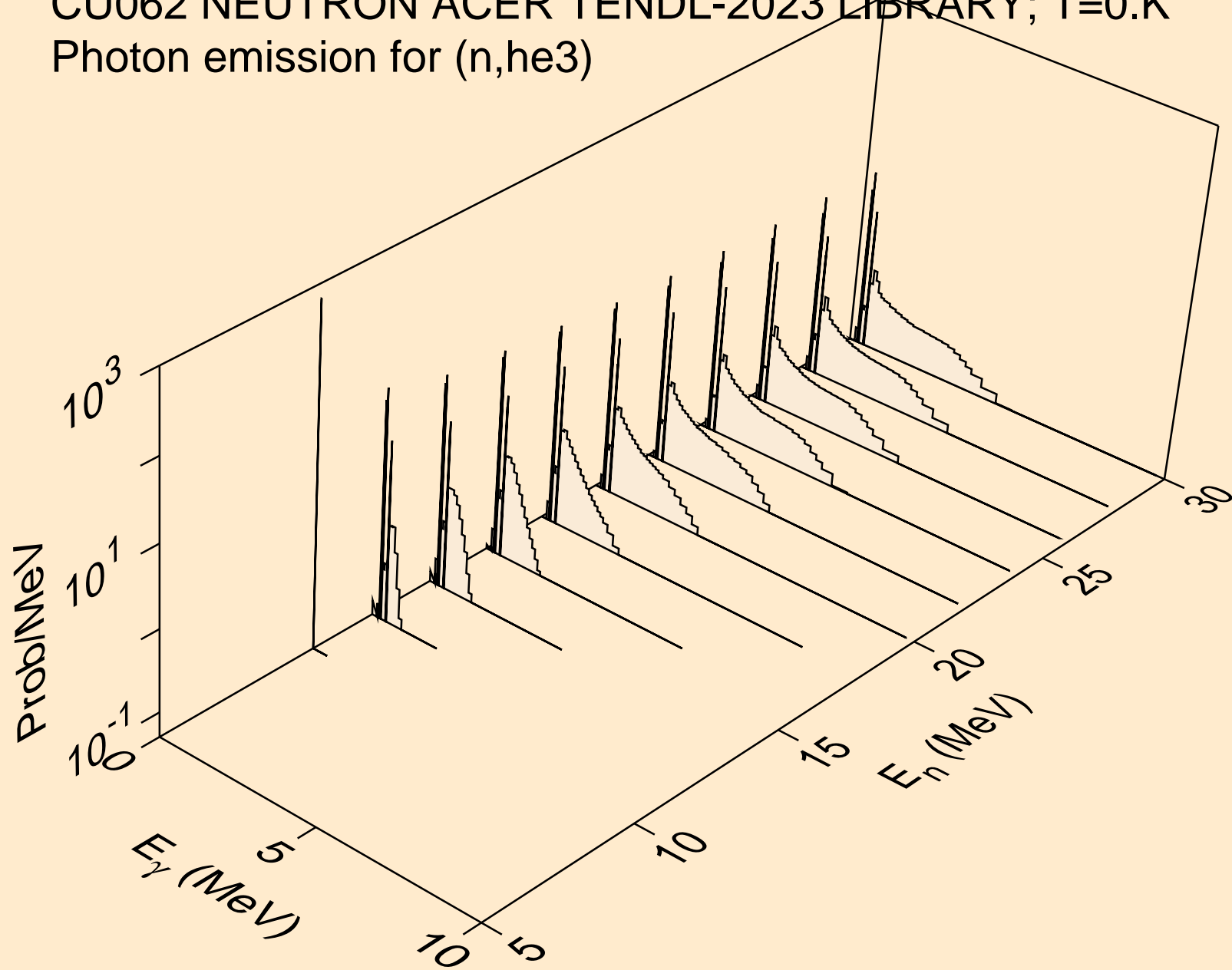
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Photon emission for (n,d)



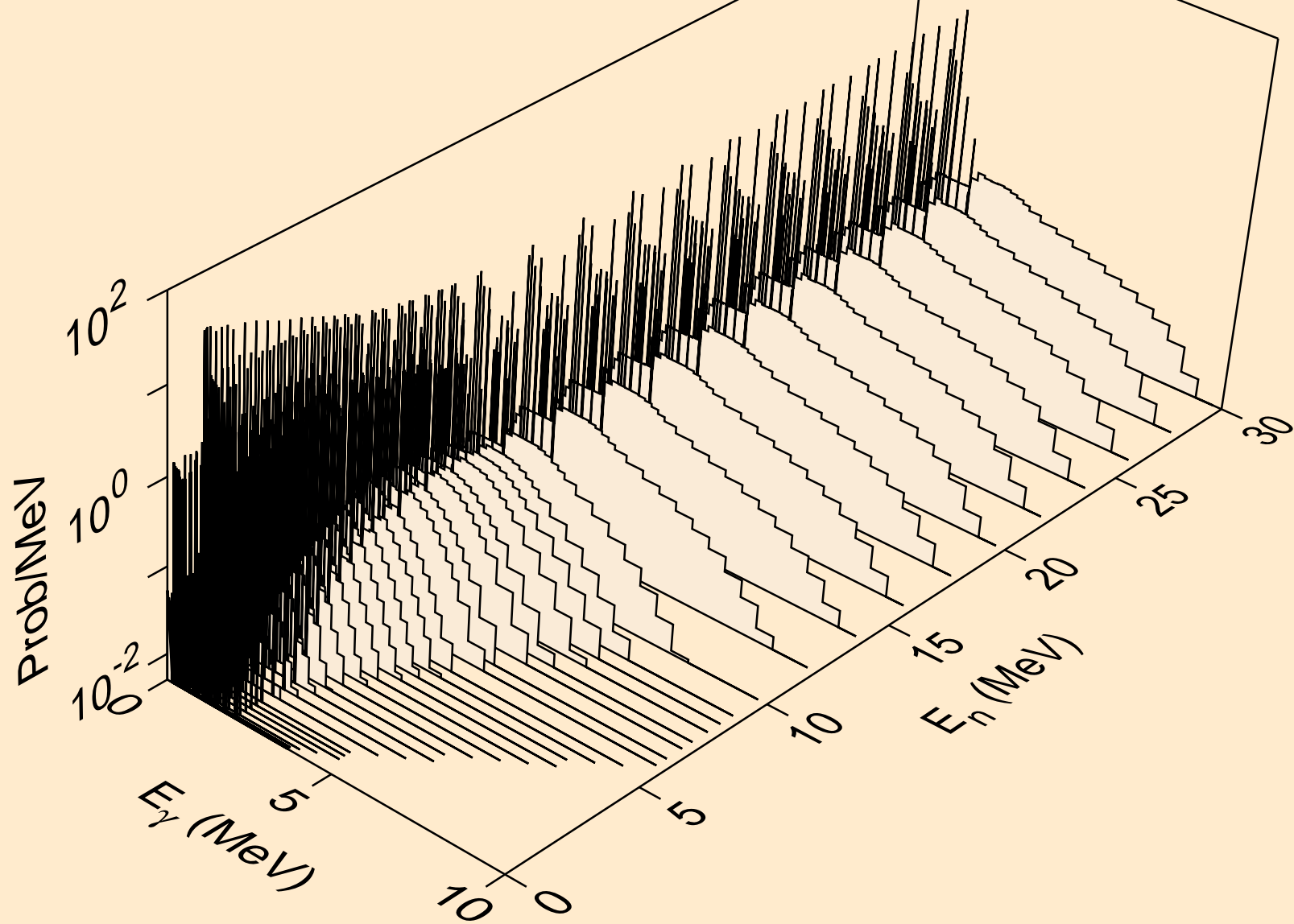
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Photon emission for (n,t)



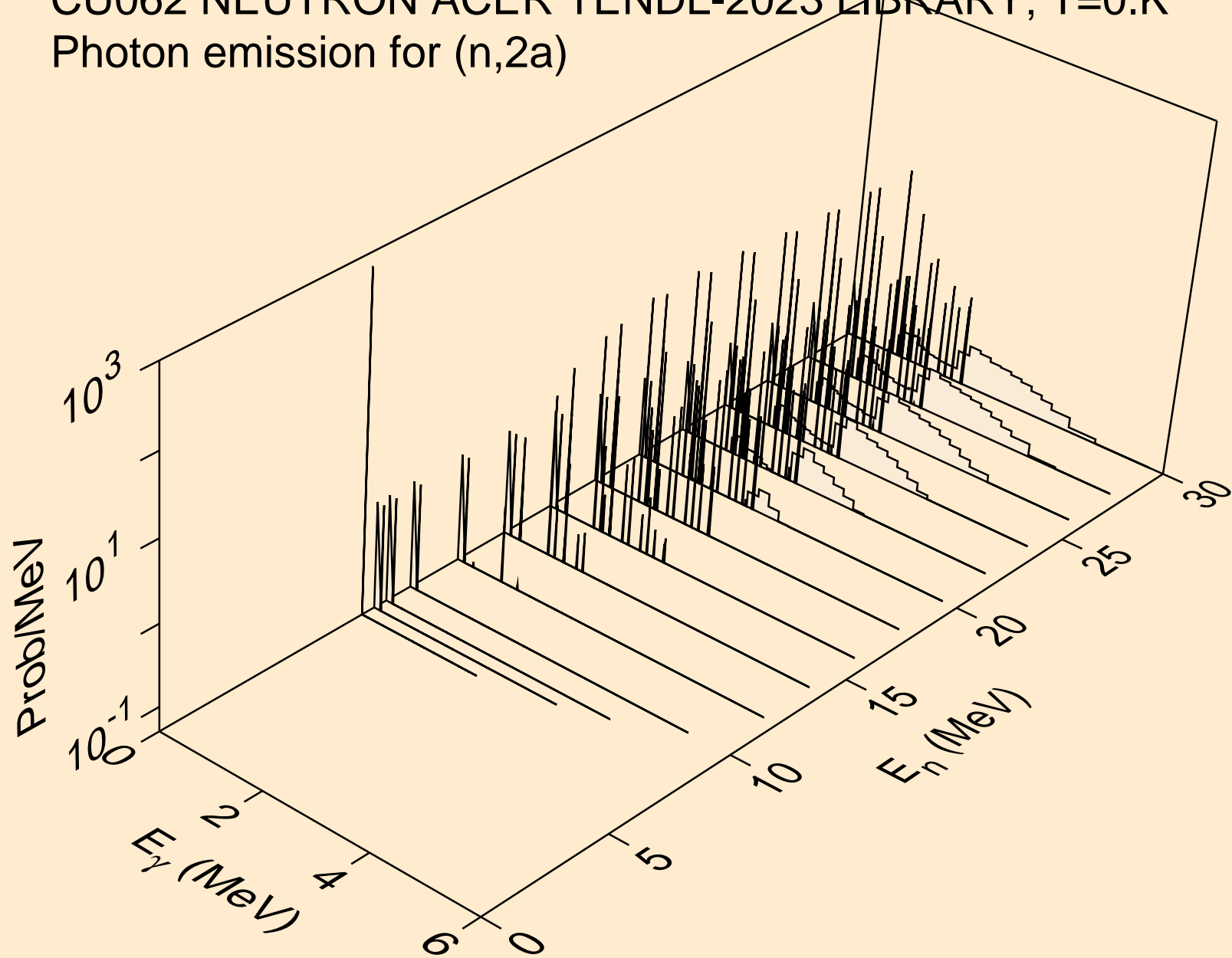
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Photon emission for (n,he3)



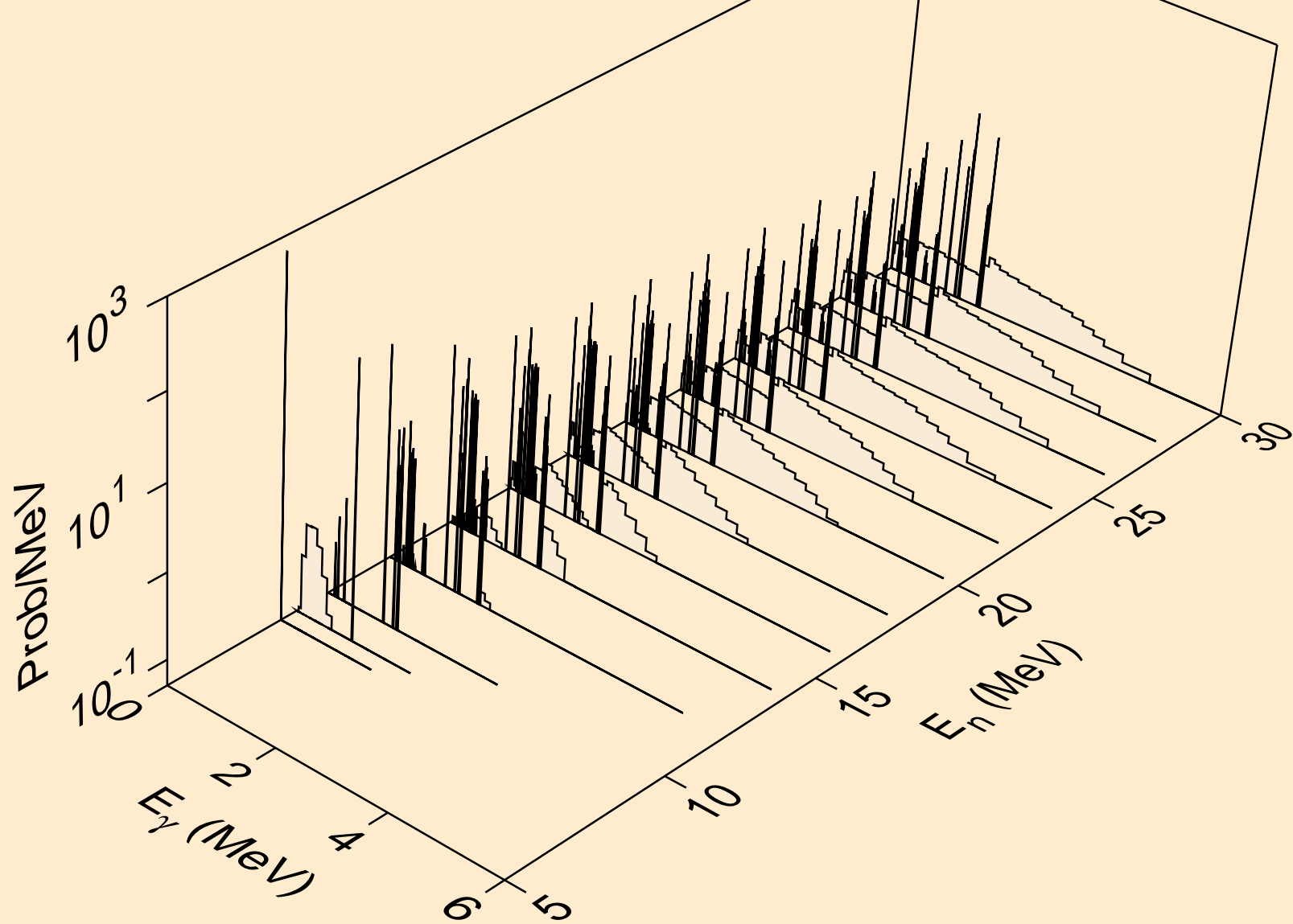
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Photon emission for (n,a)



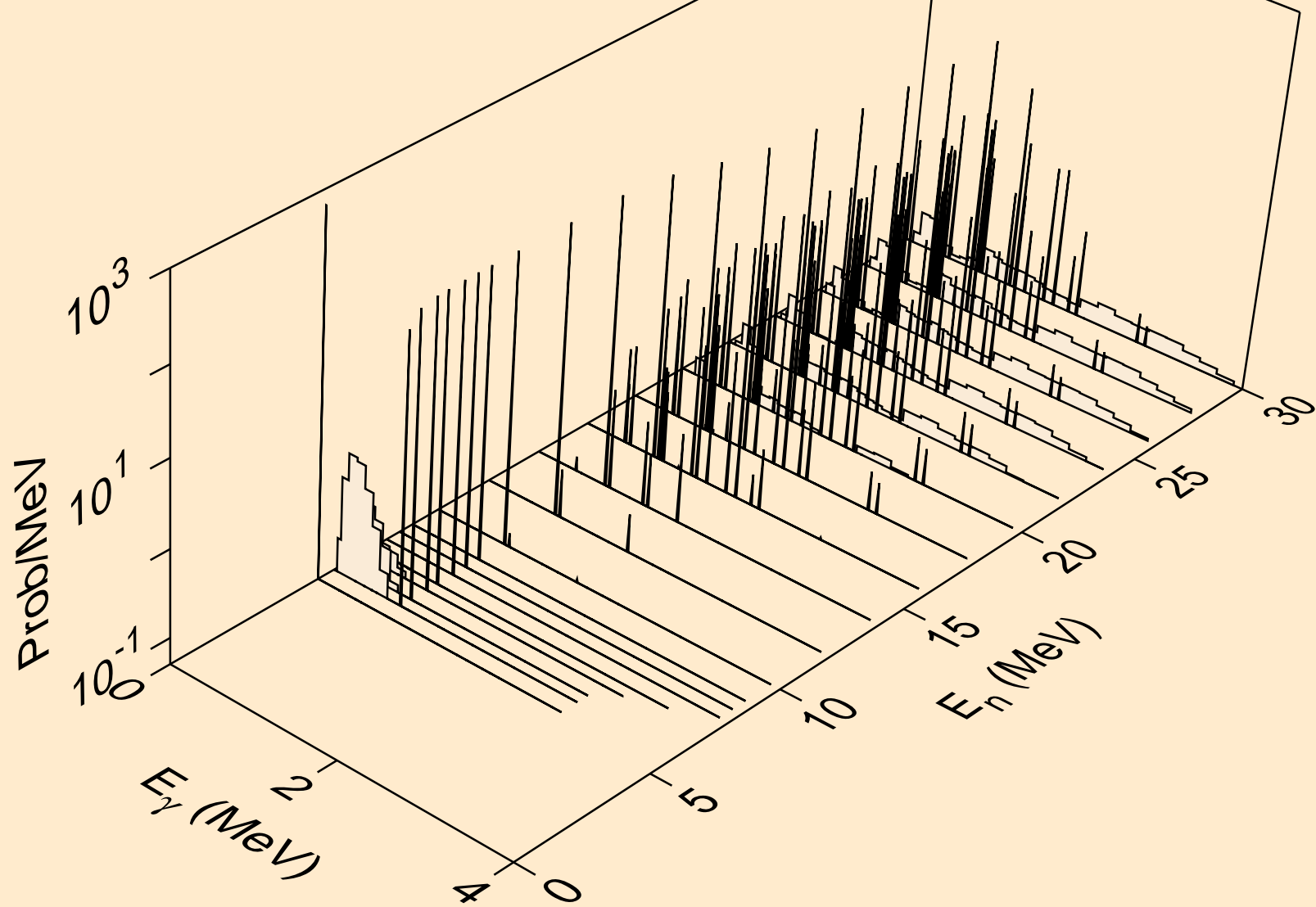
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Photon emission for (n,2a)



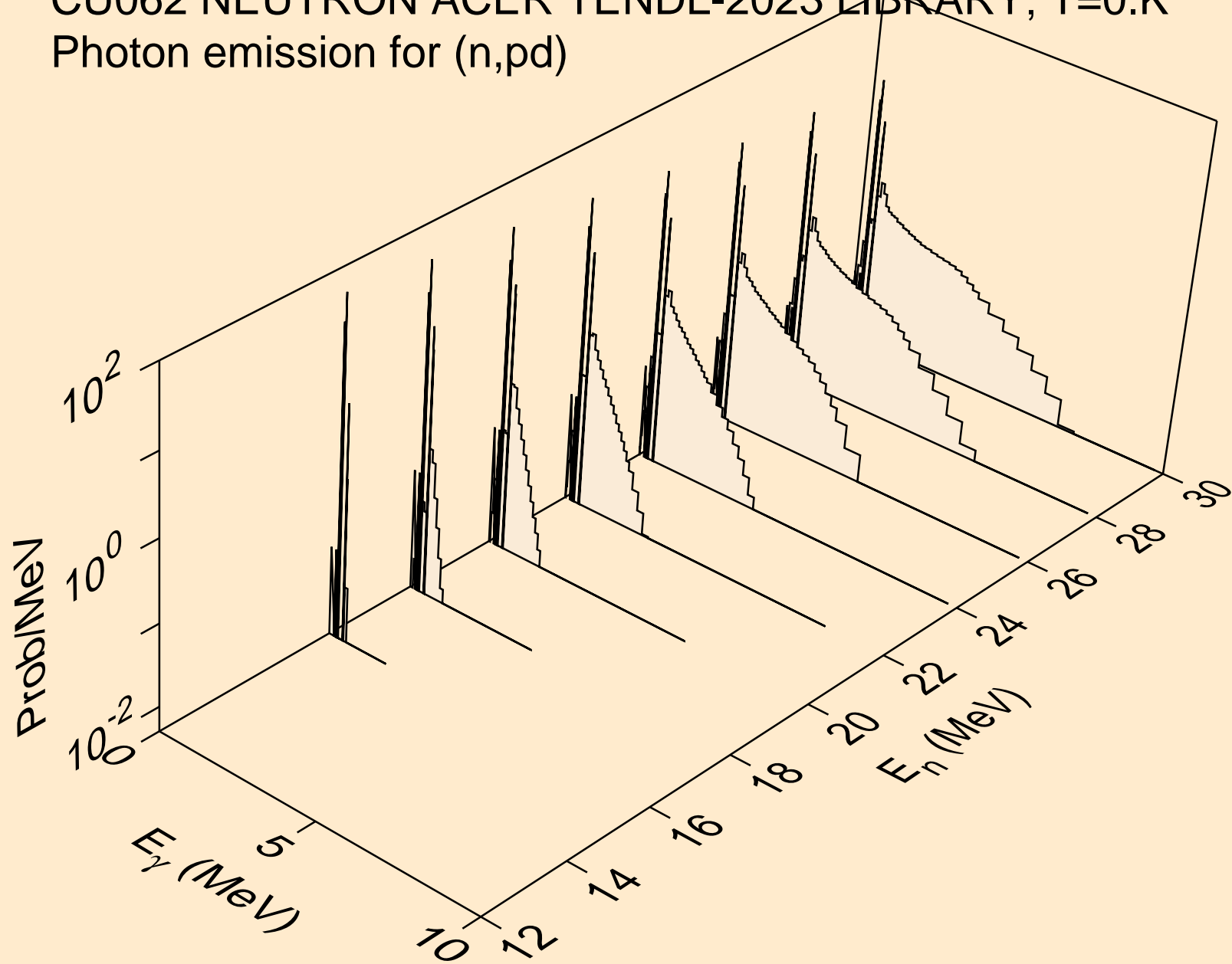
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Photon emission for (n,2p)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

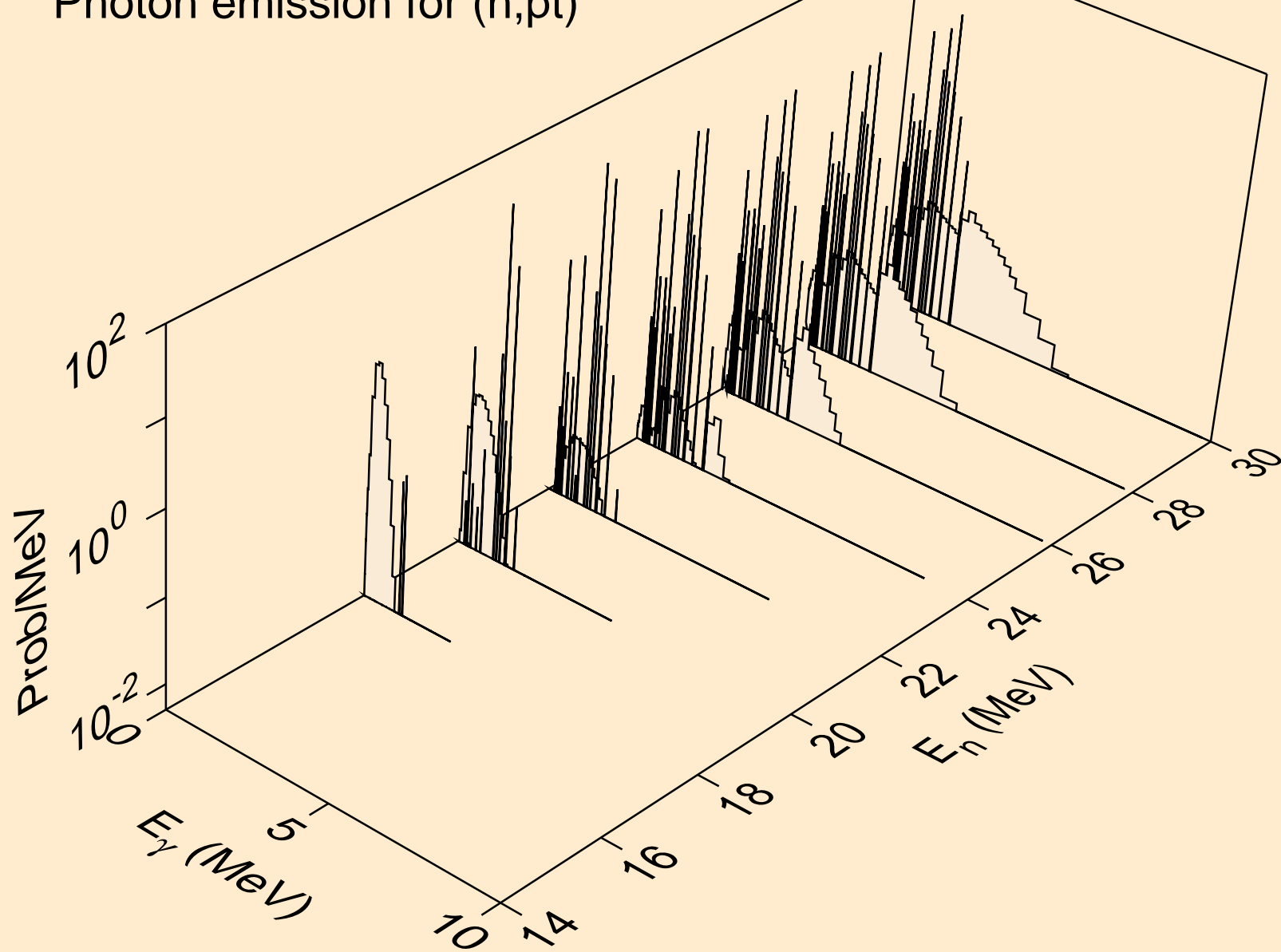


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Photon emission for (n,pd)

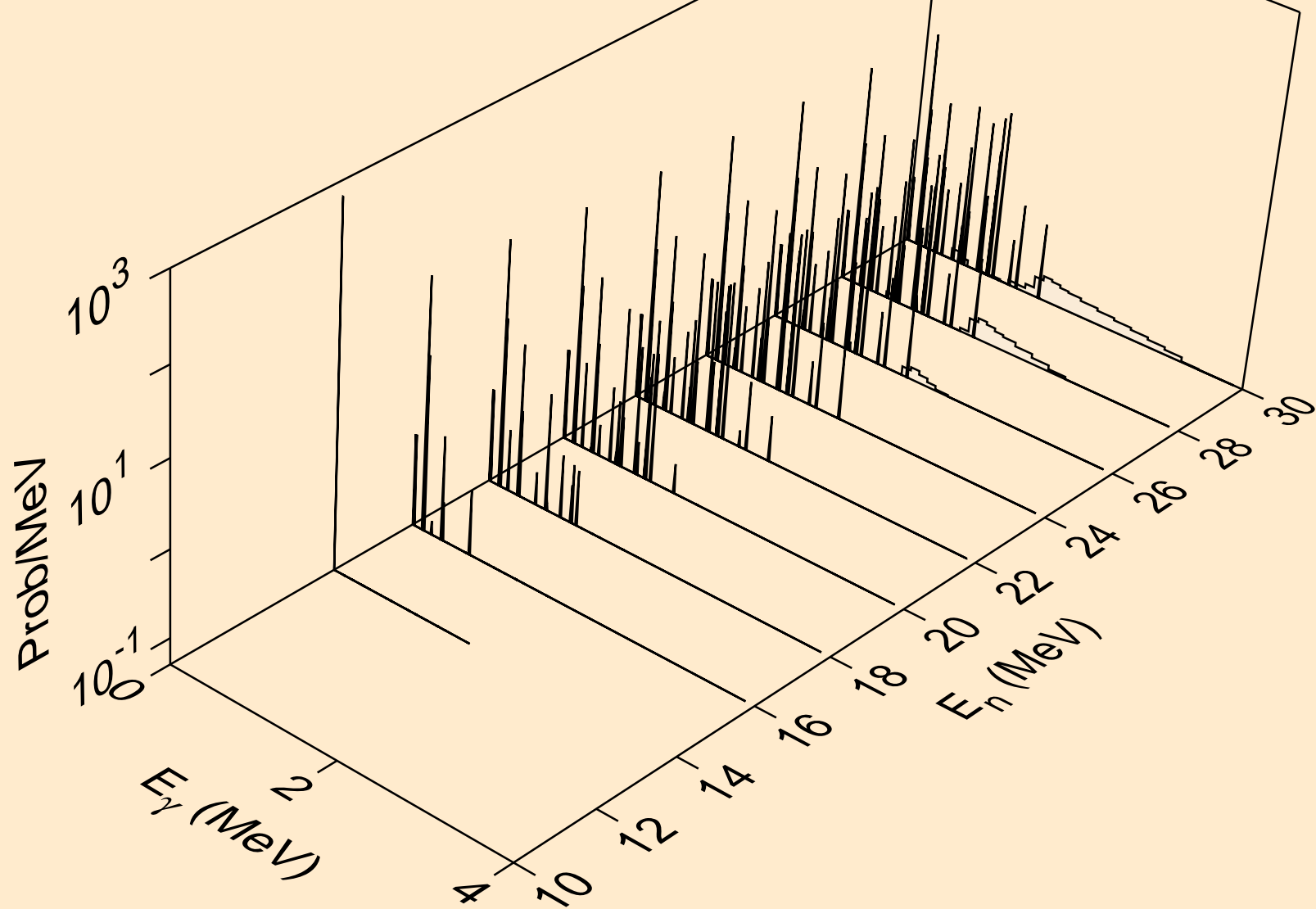




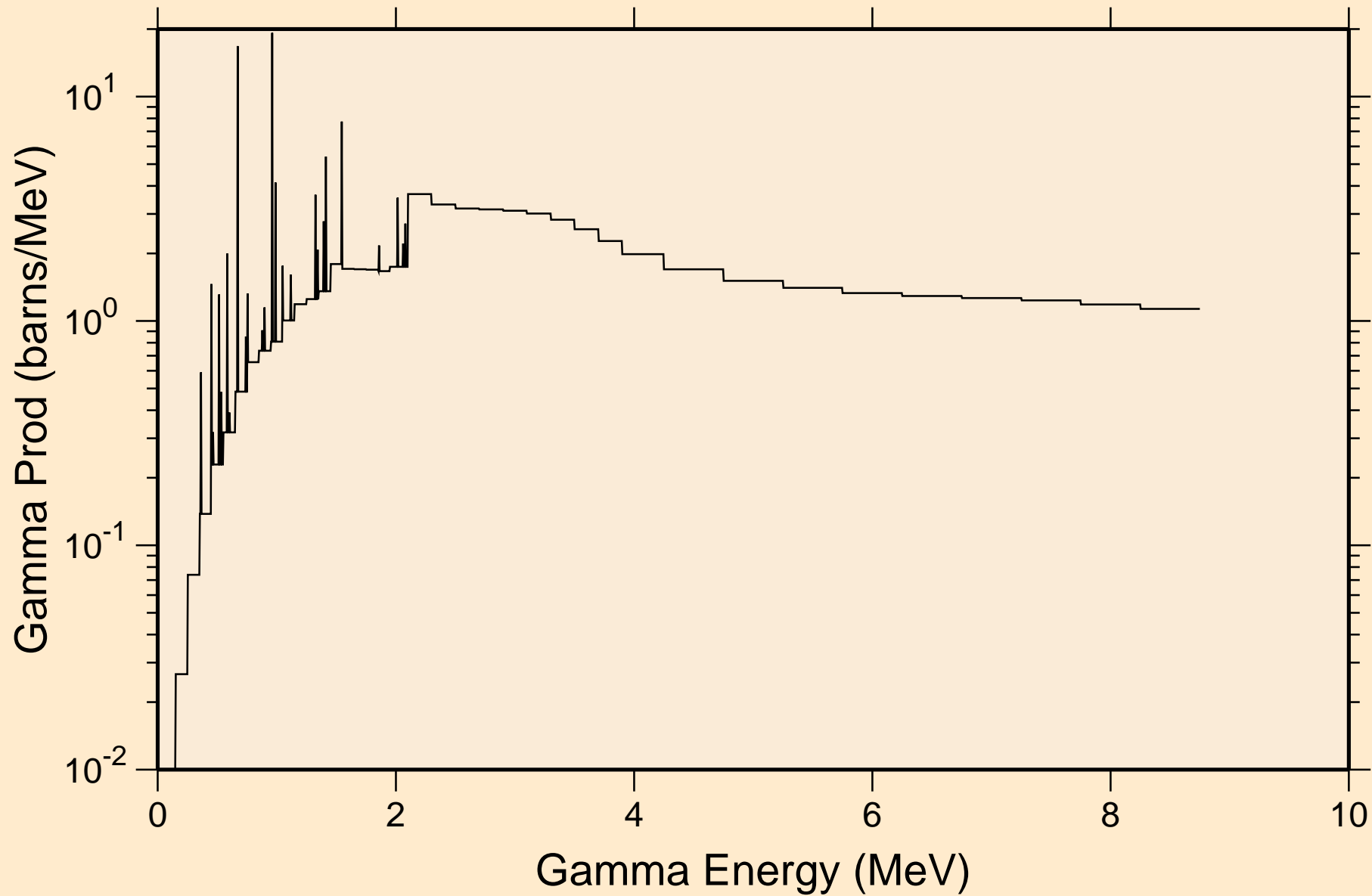
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Photon emission for (n,pt)



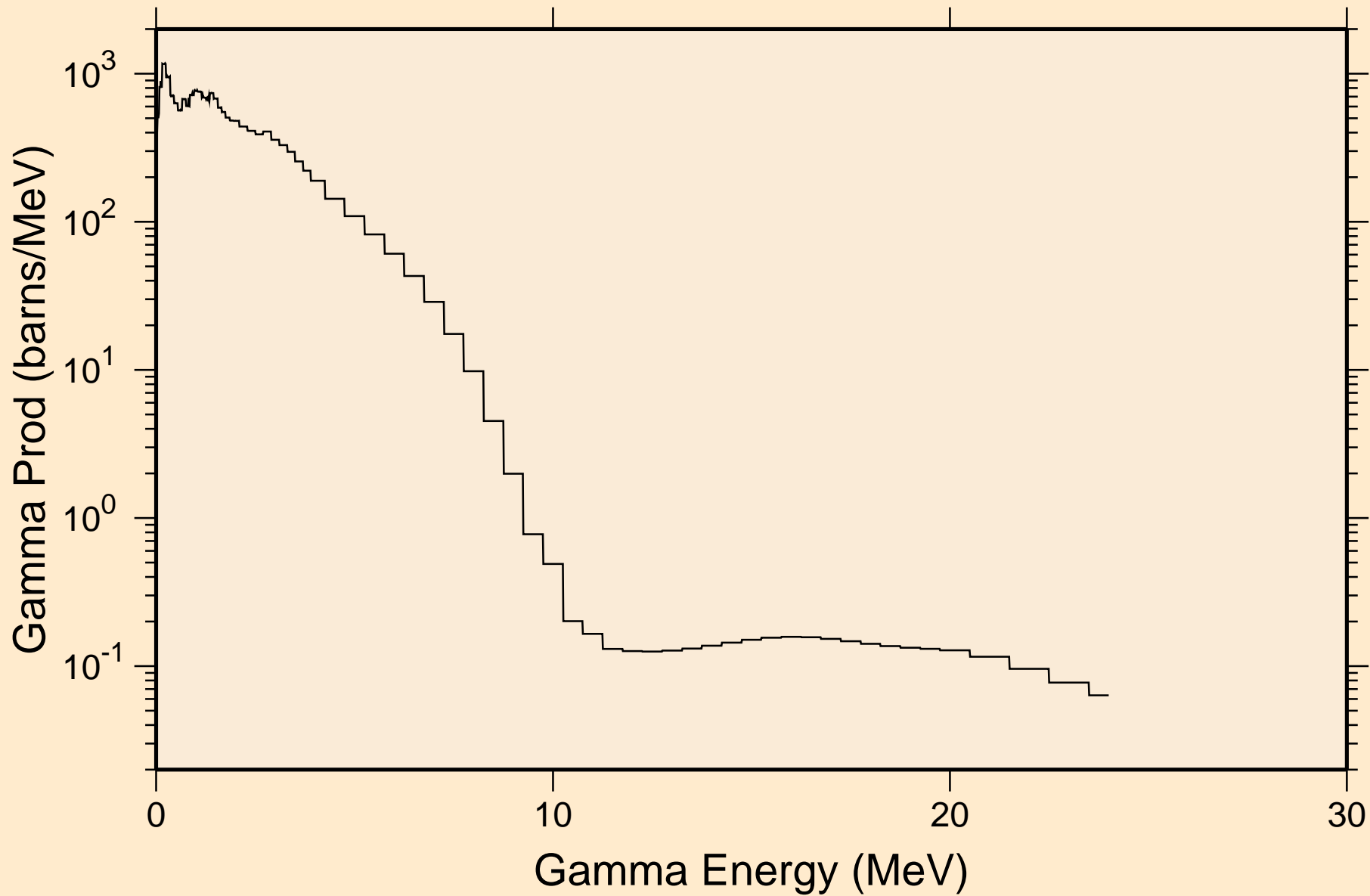
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Photon emission for (n,da)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

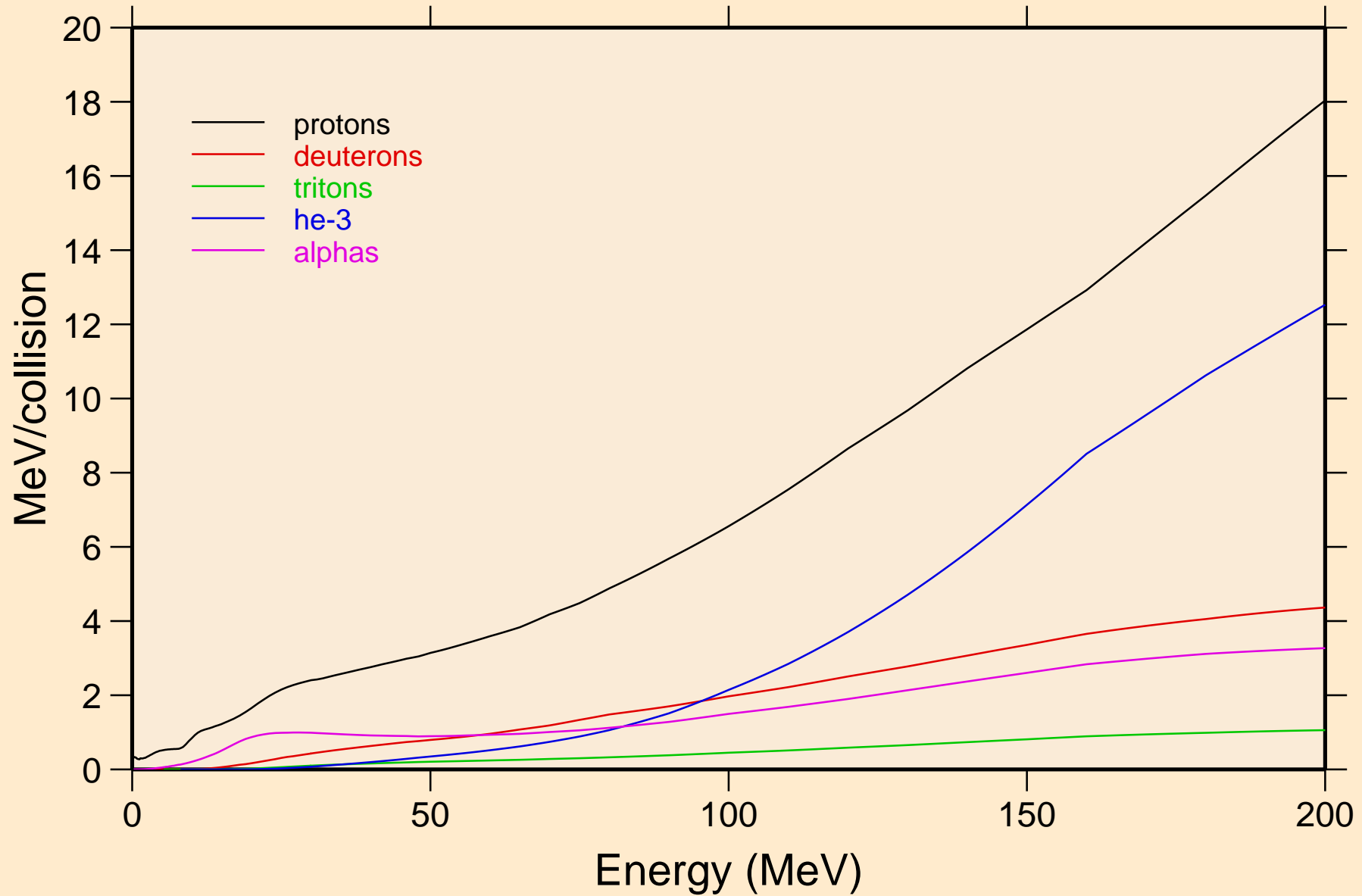


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14 MeV photon spectrum

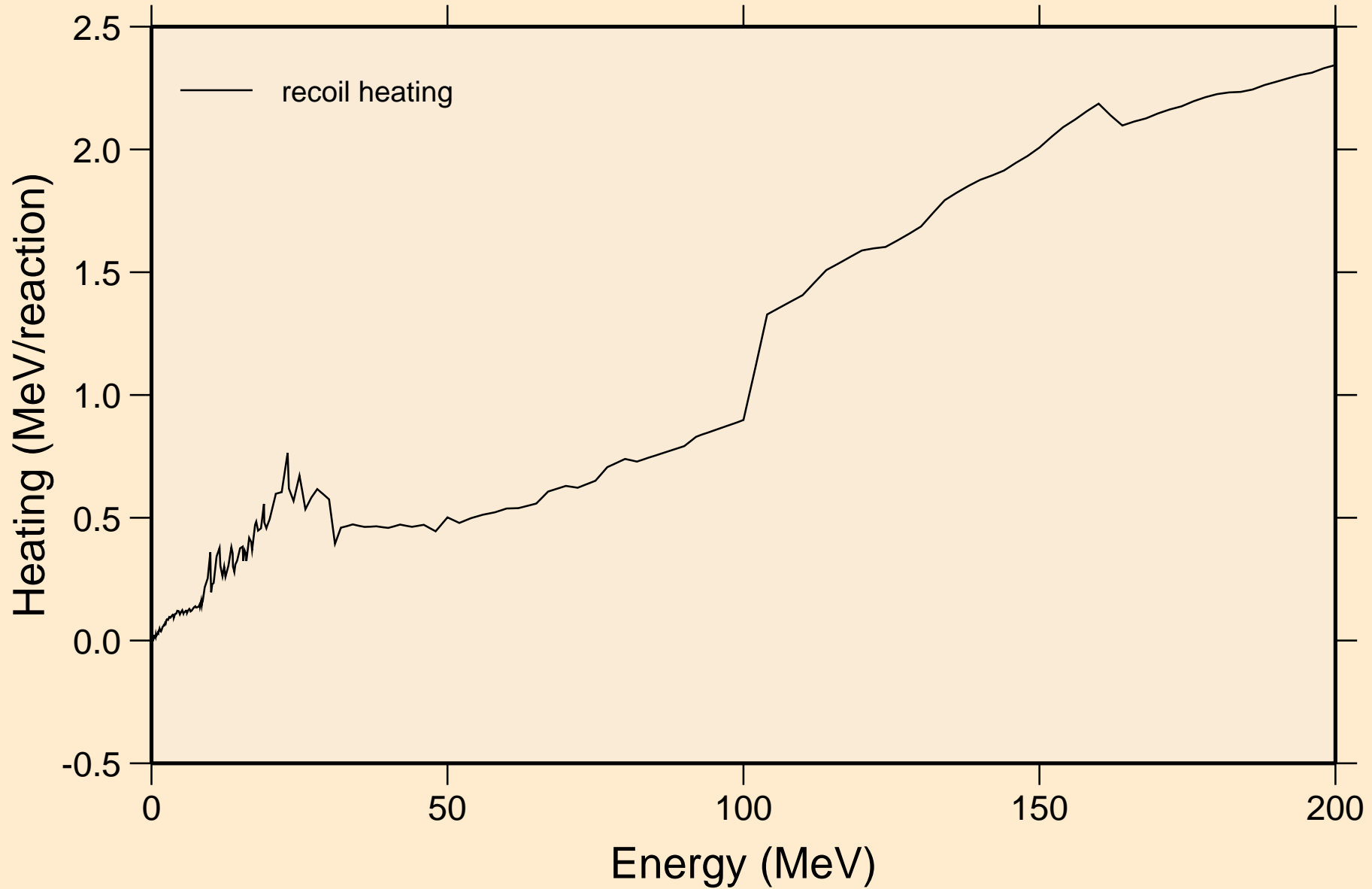


# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

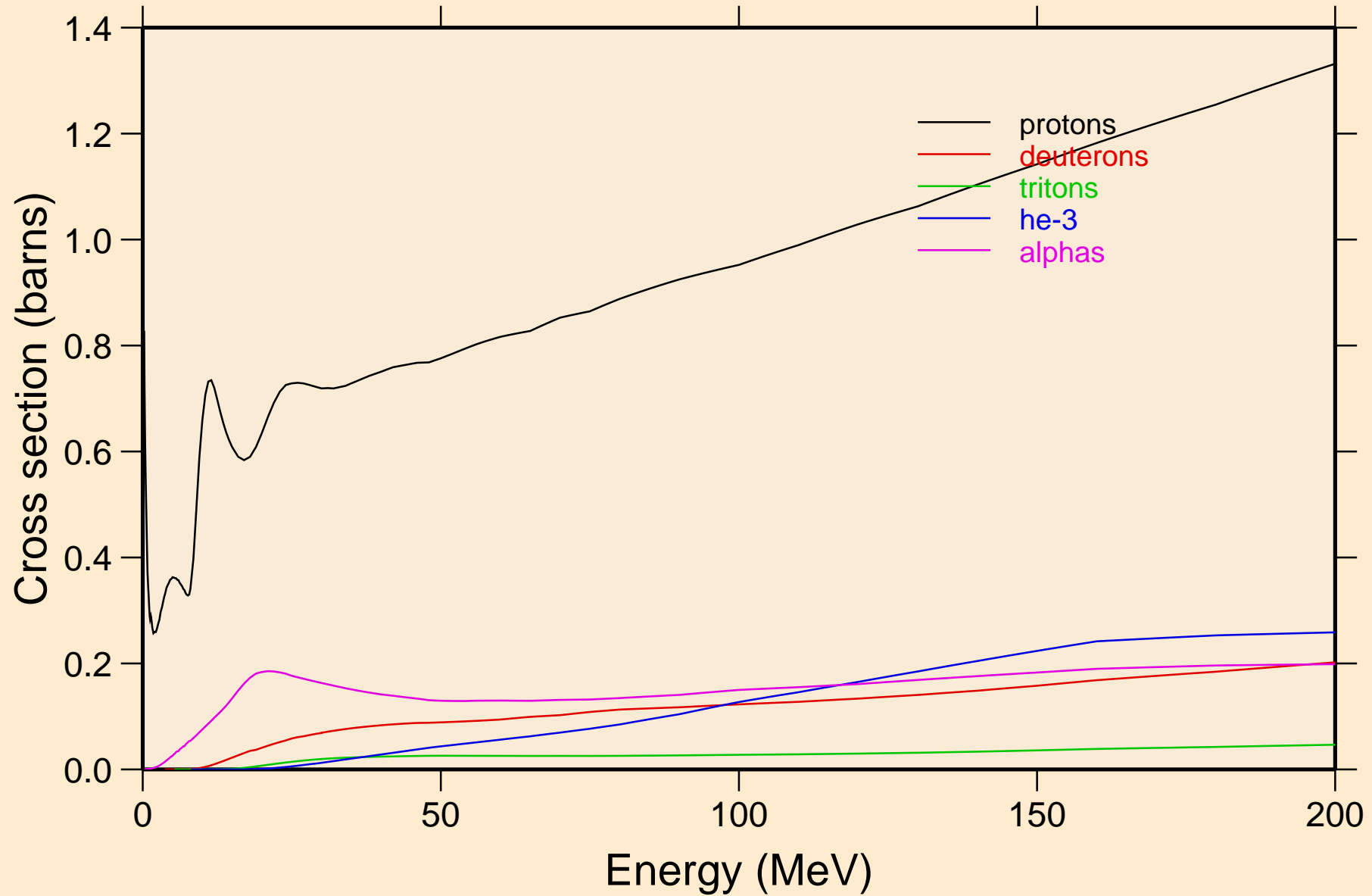


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

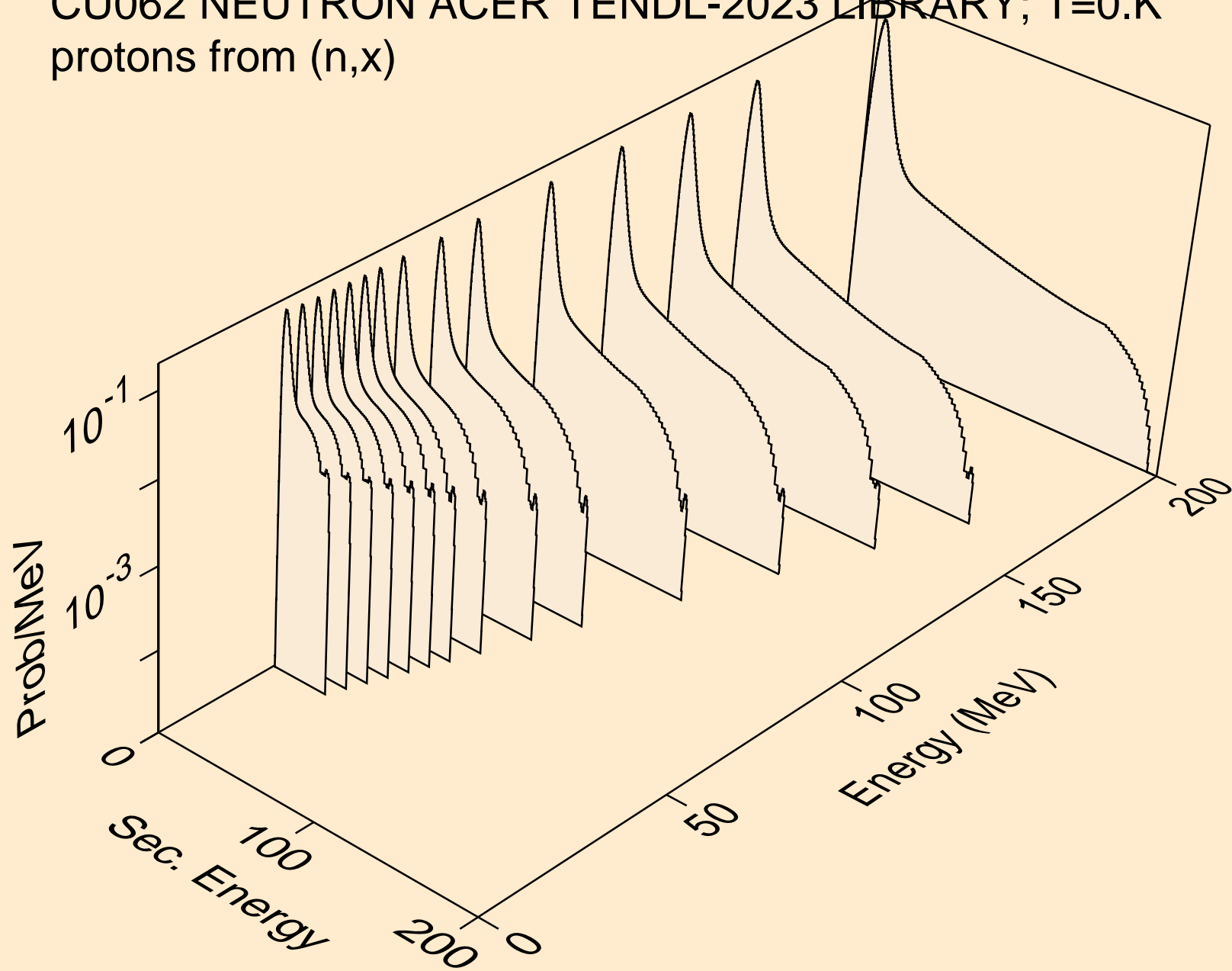


# CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

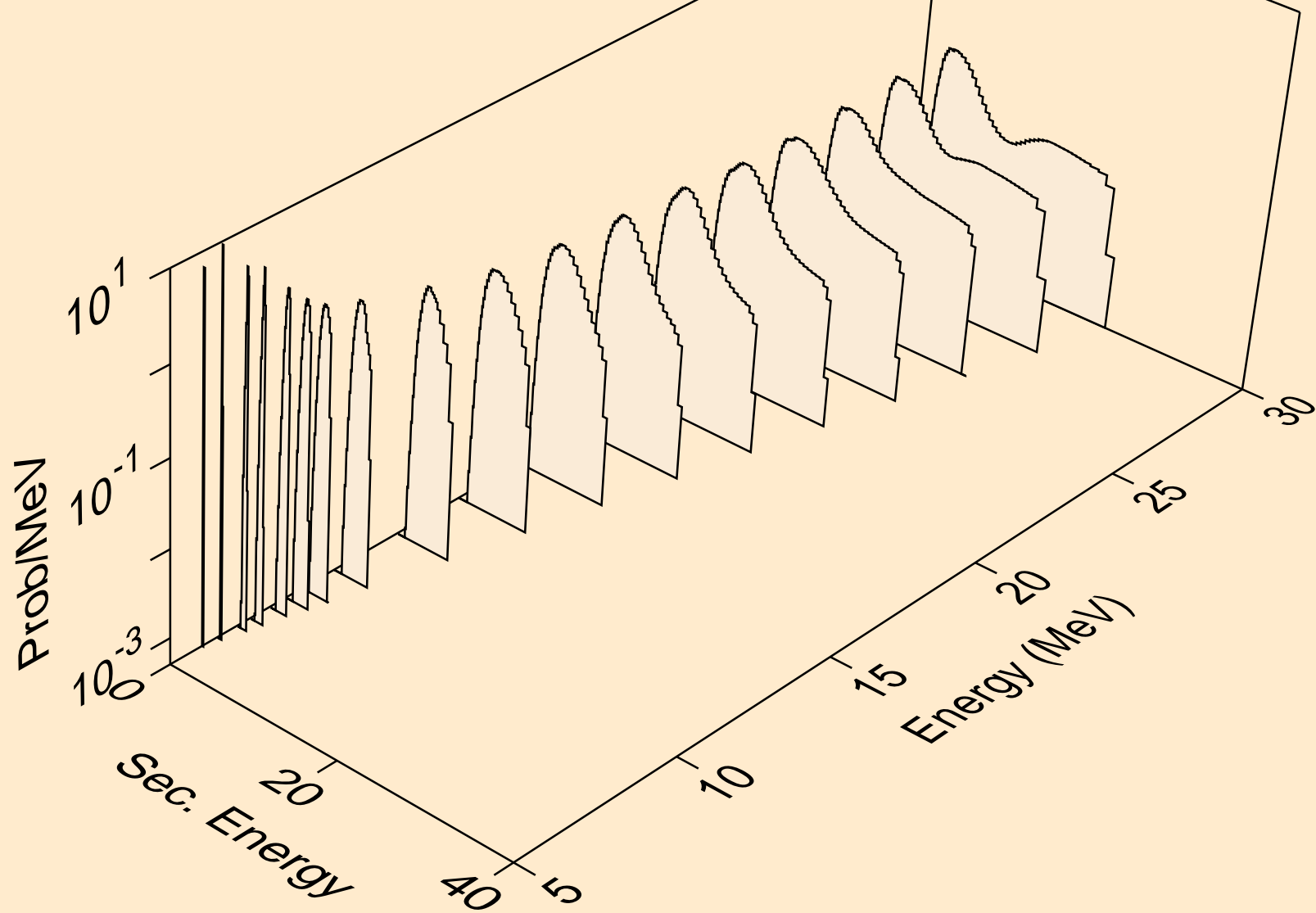


CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

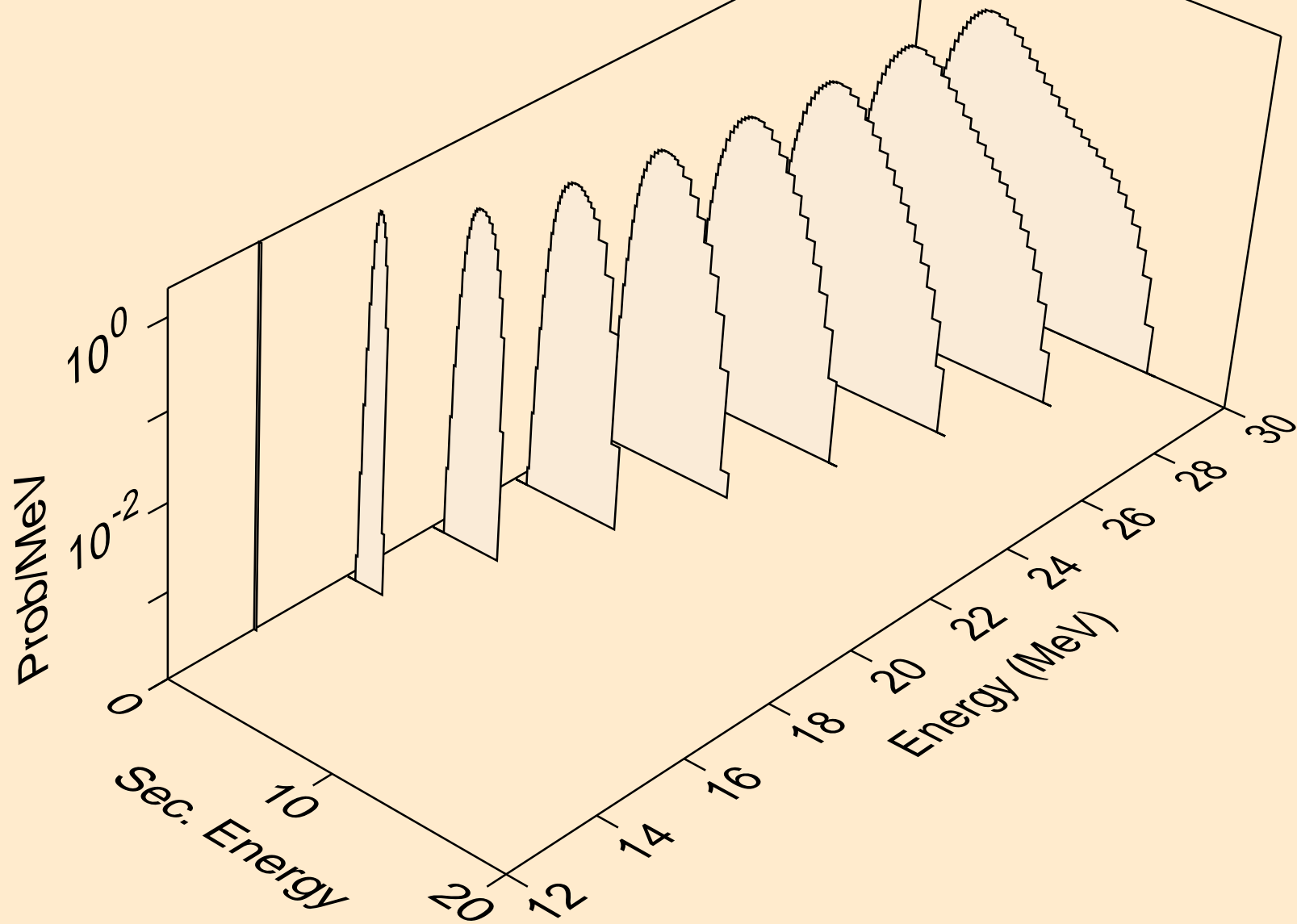




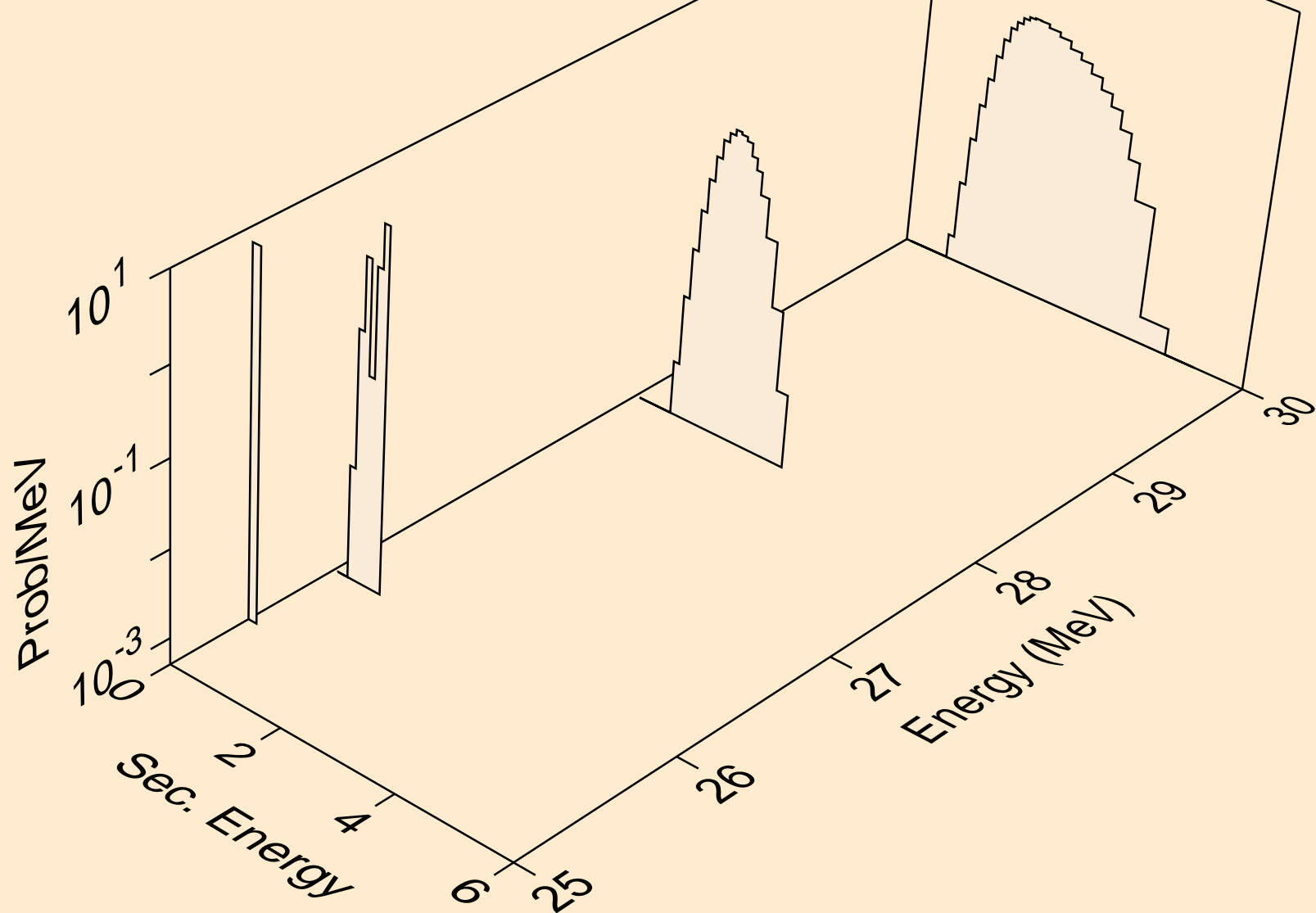
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protons from (n,n\*)p



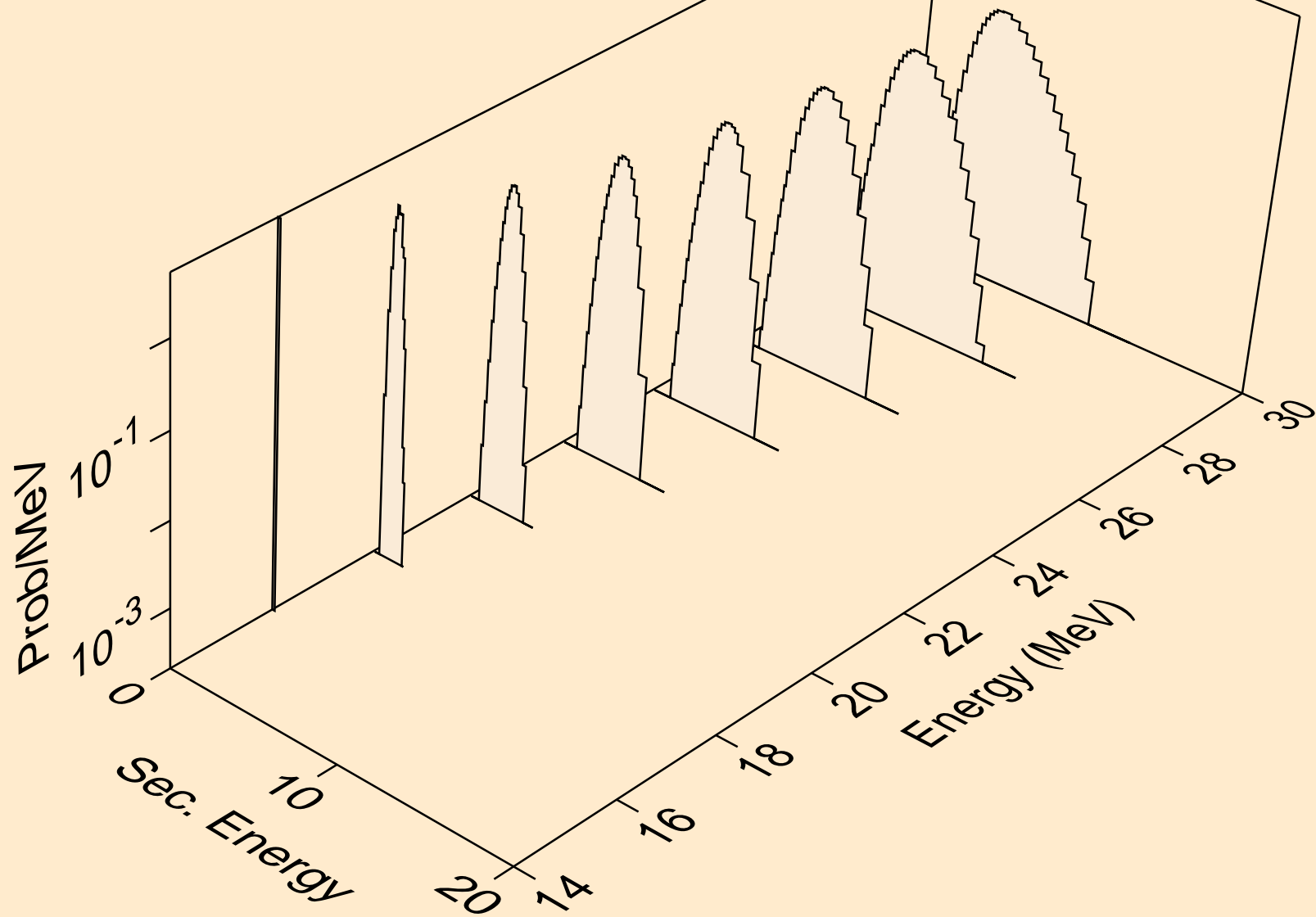
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protons from (n,2np)



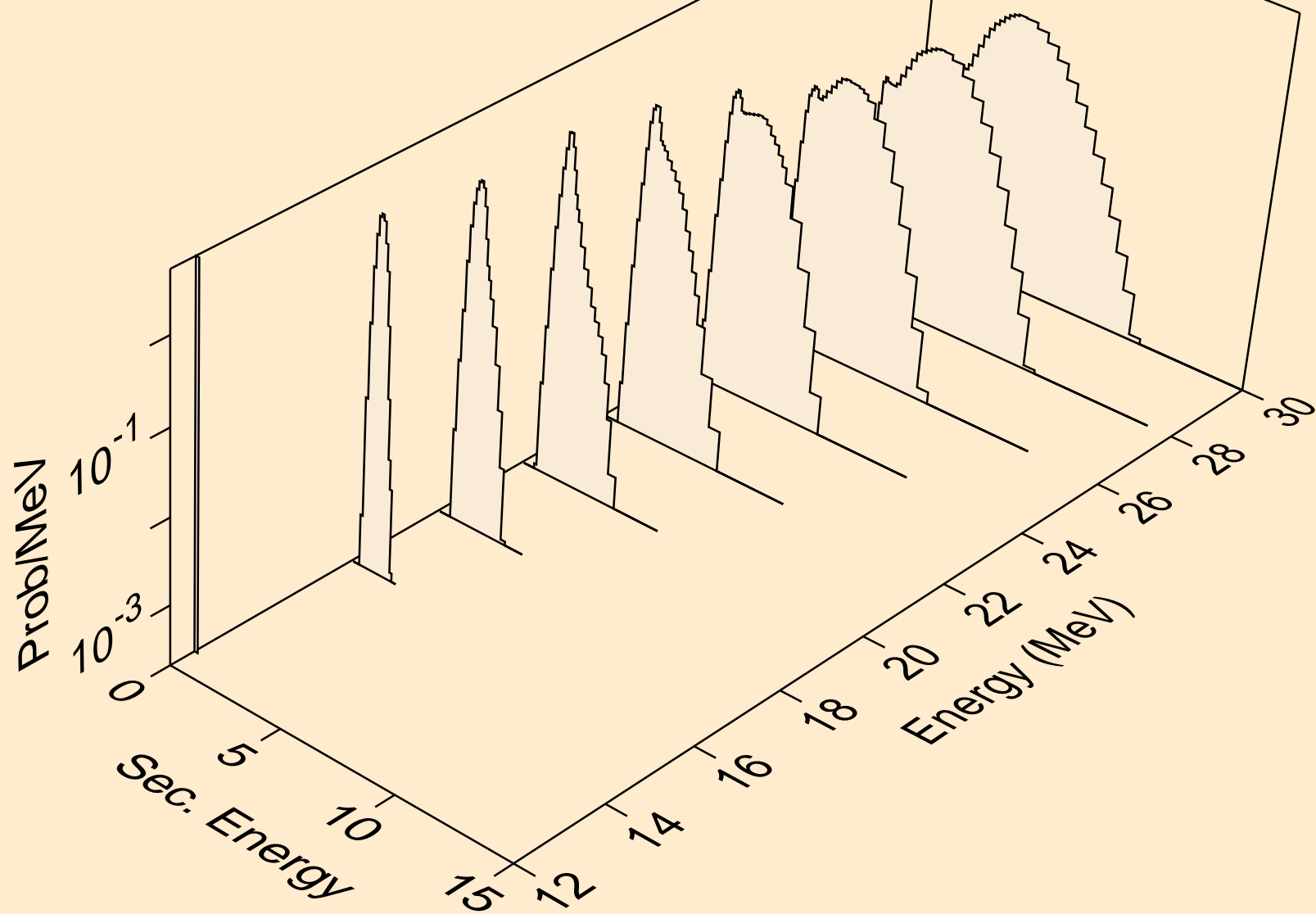
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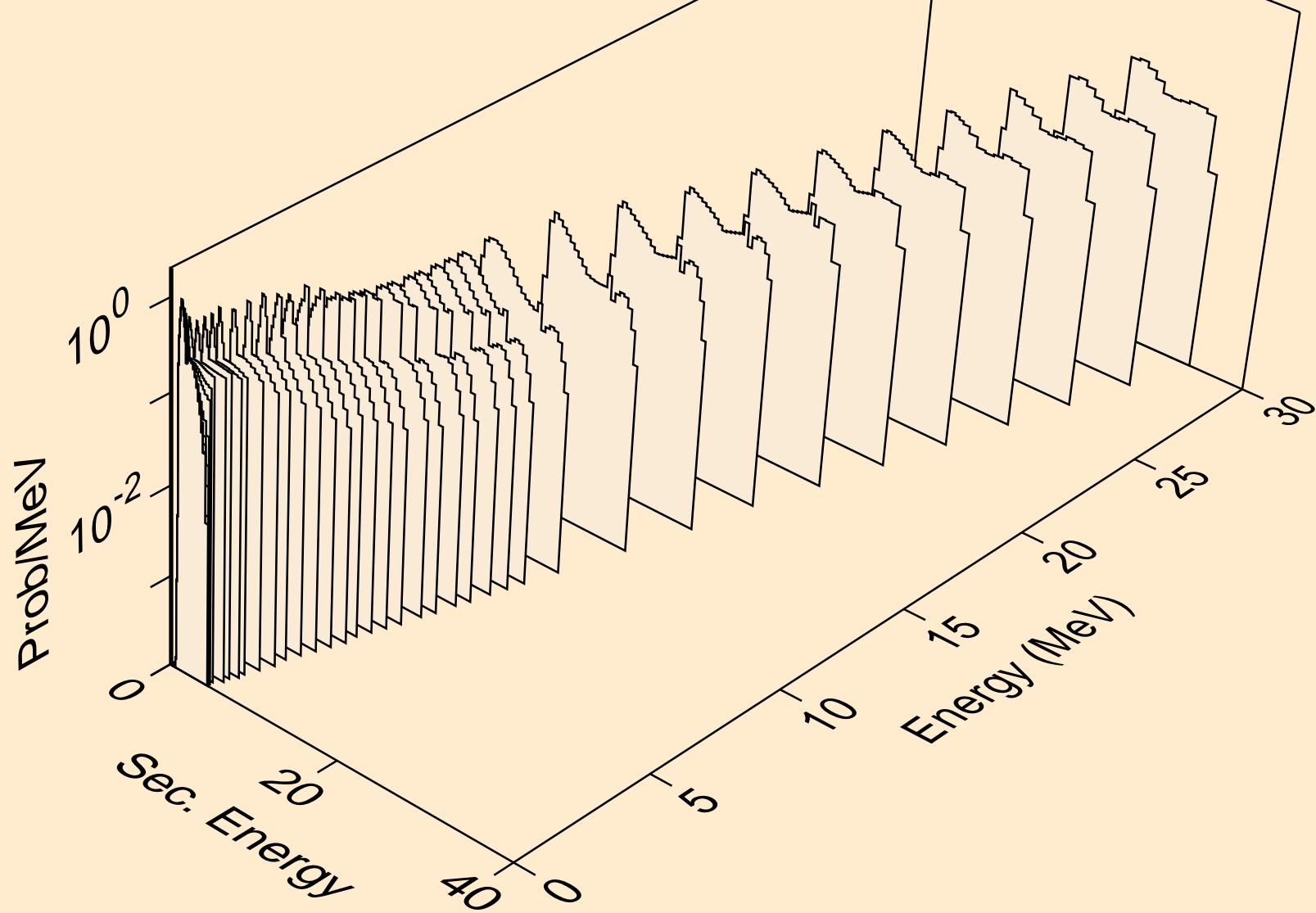
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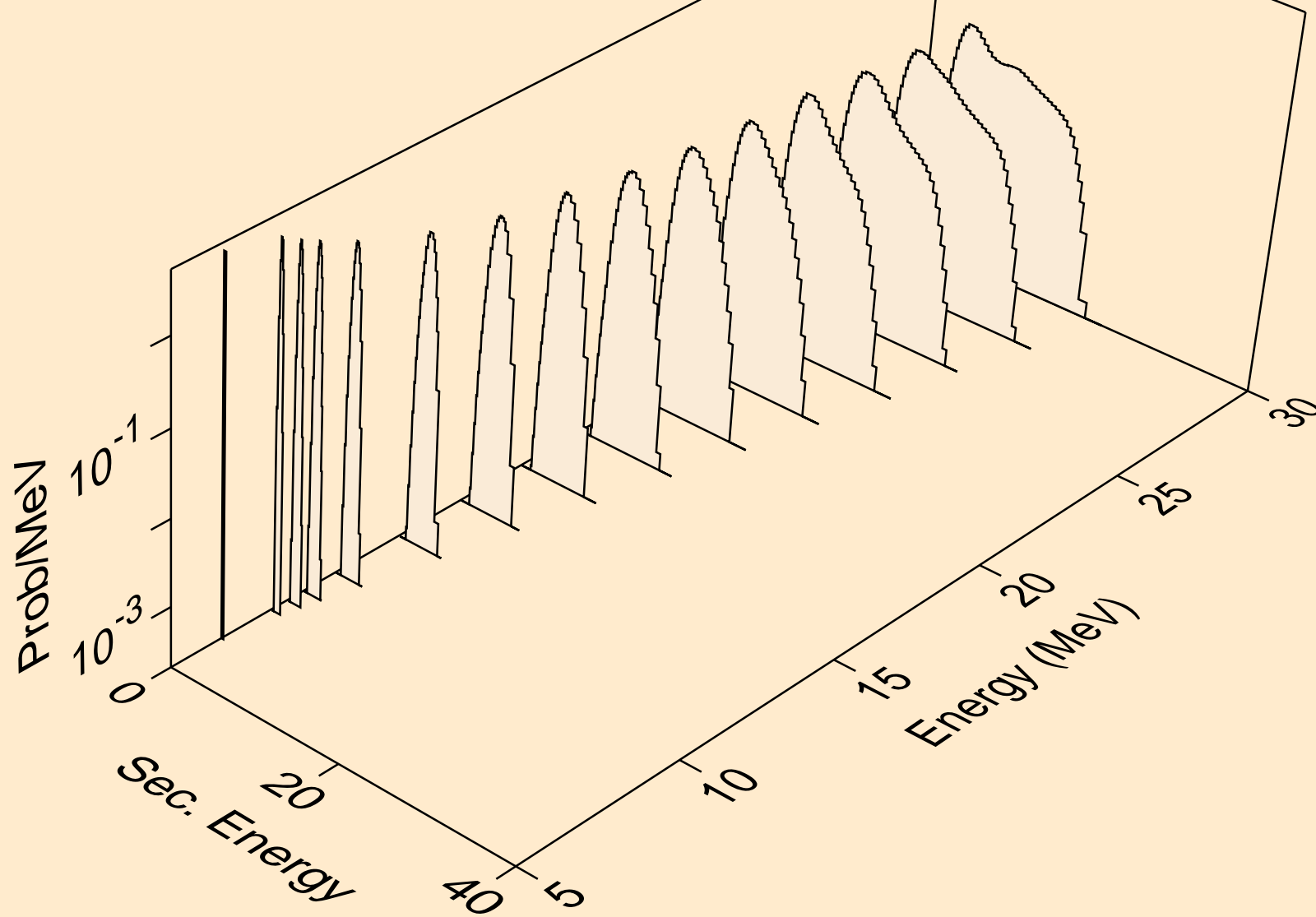
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protons from (n,npa)



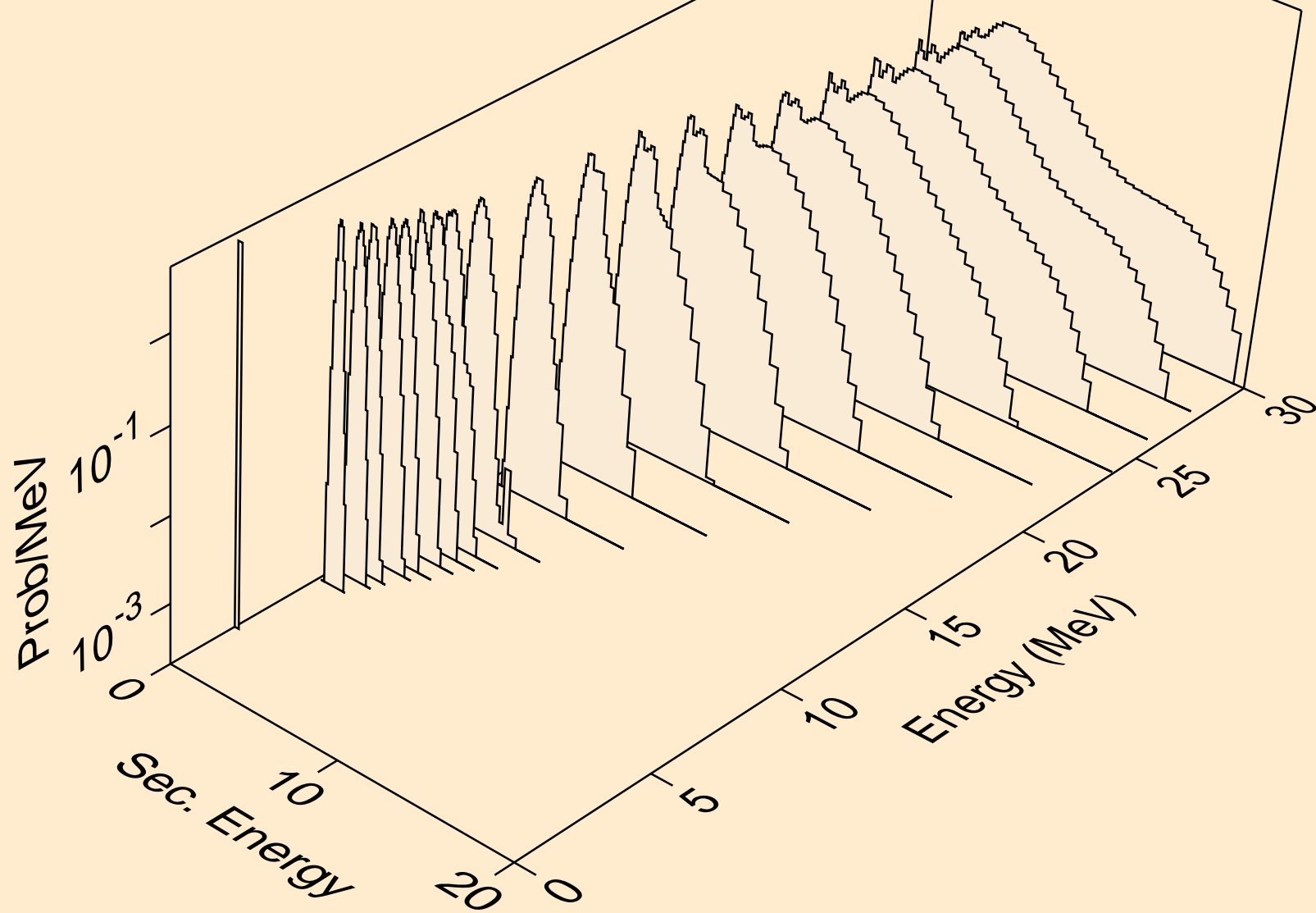
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protons from (n,p)



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protons from (n,2p)

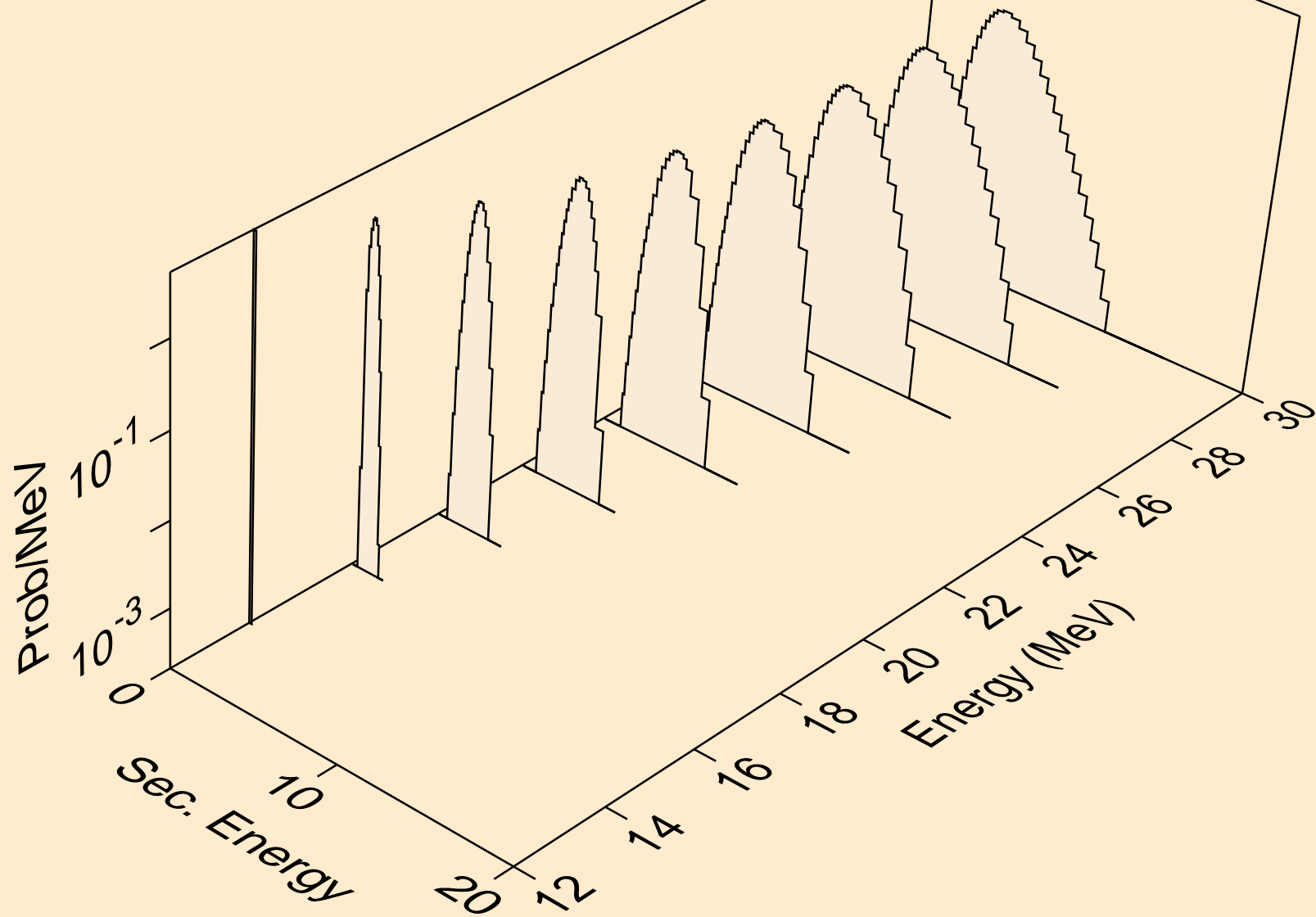


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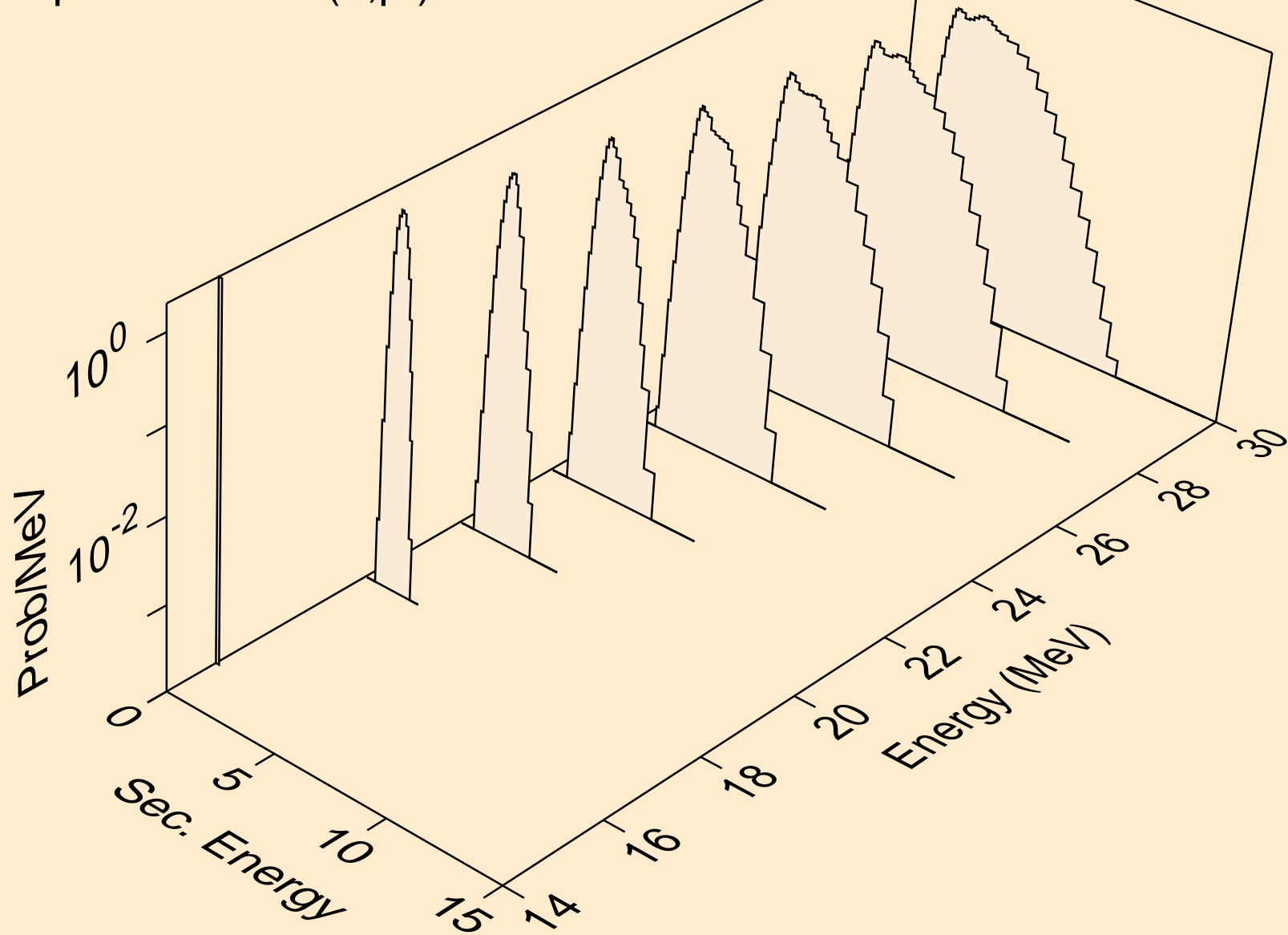




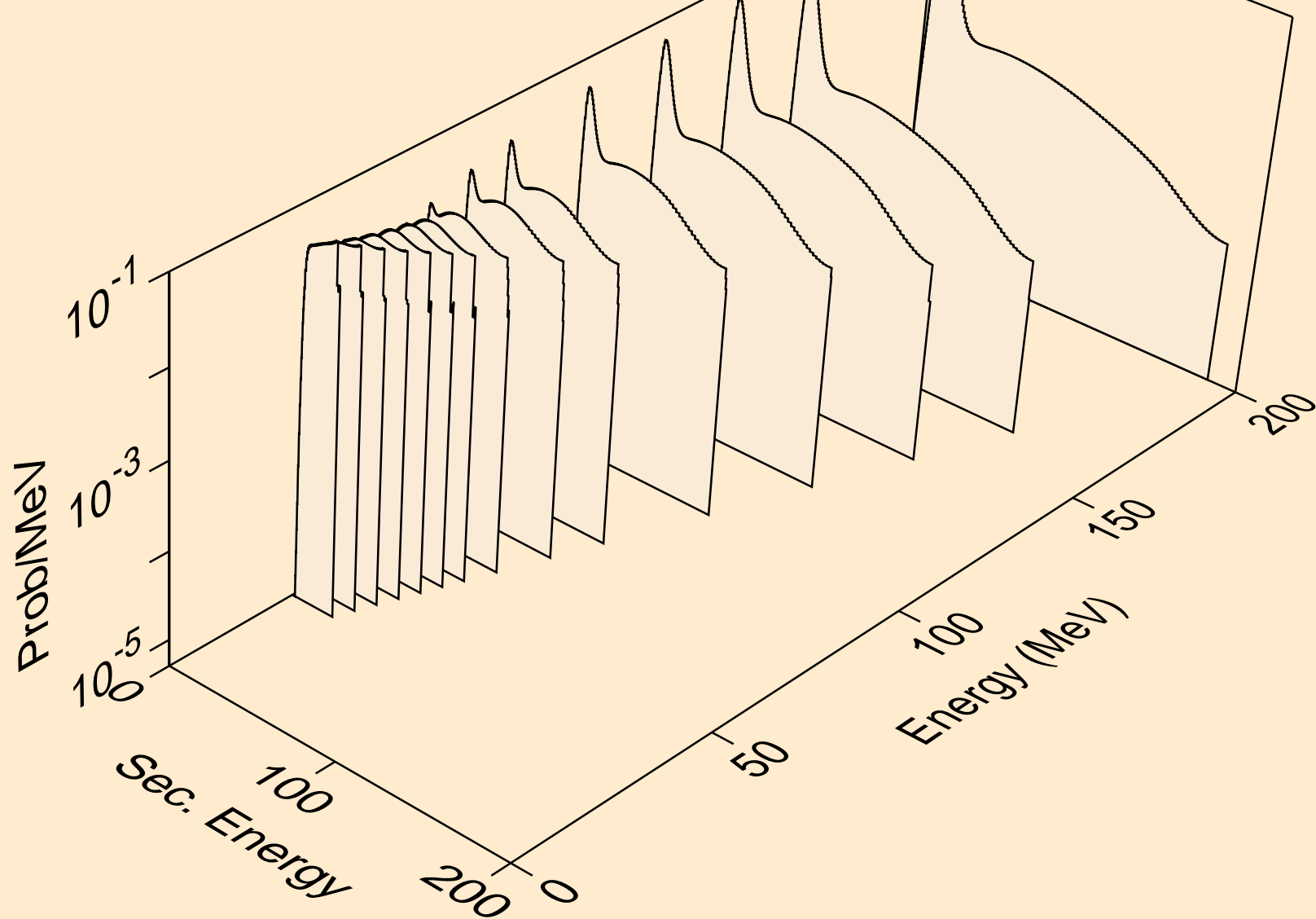
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protons from (n,pd)



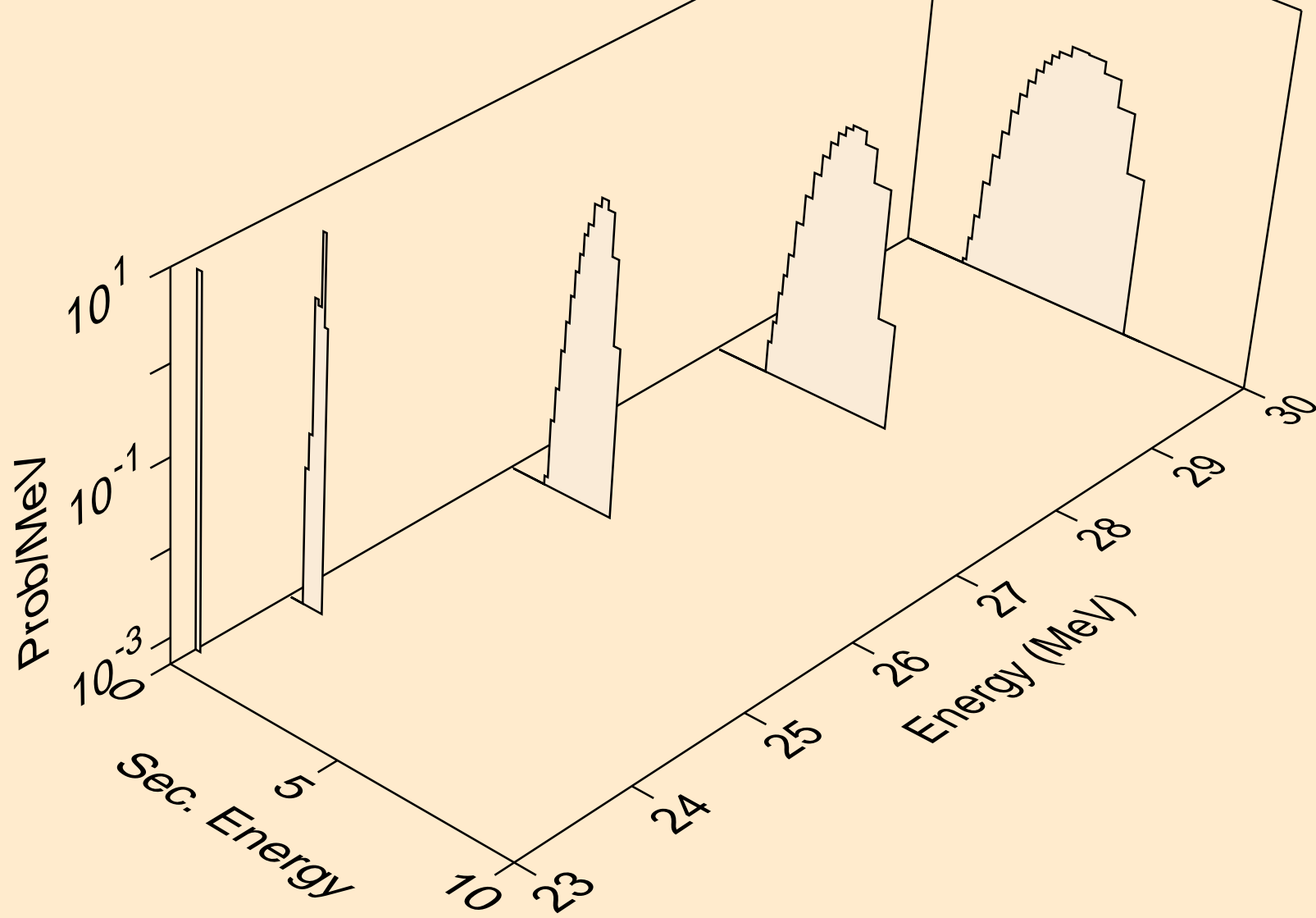
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protons from (n,pt)



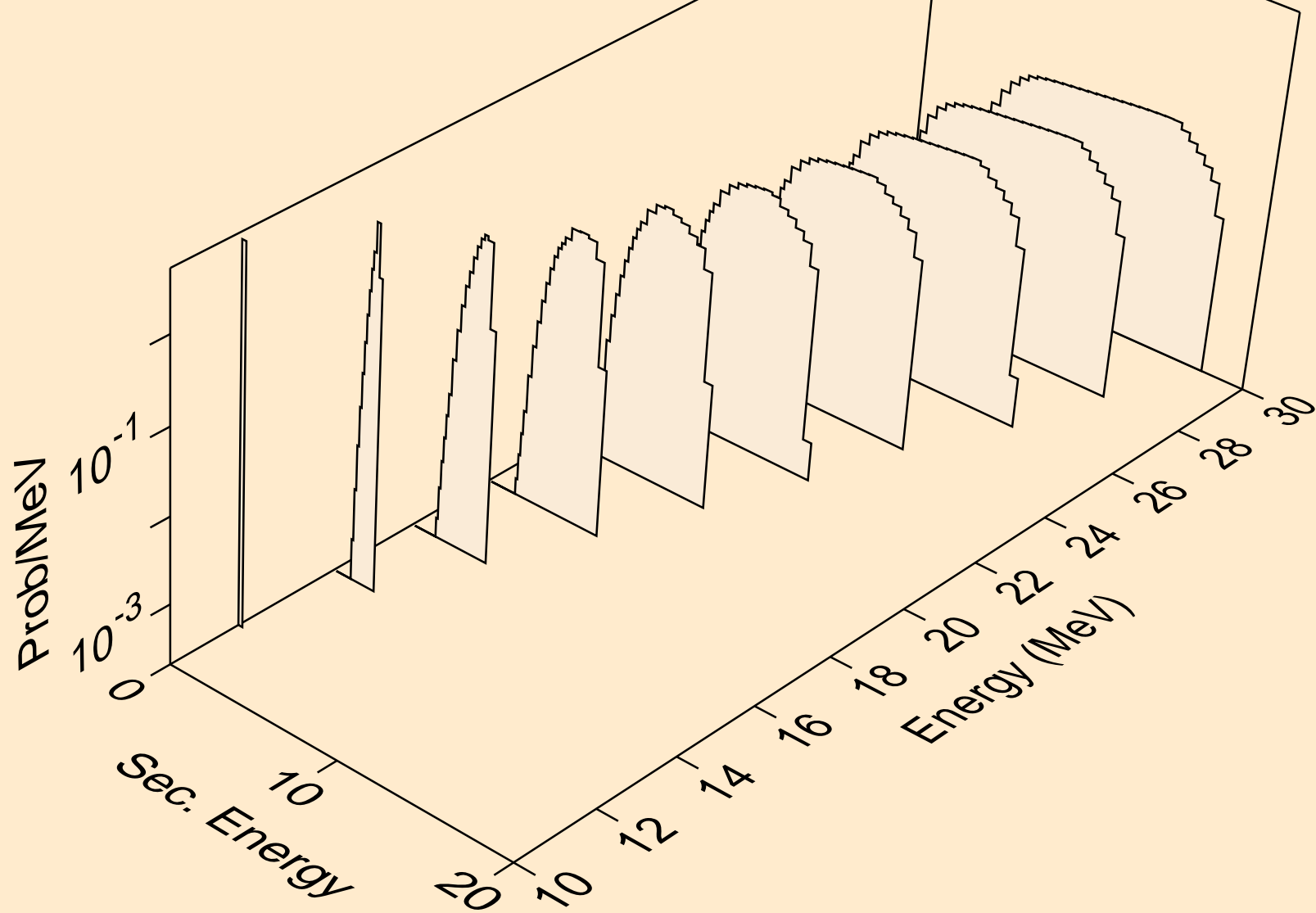
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deuterons from (n,x)



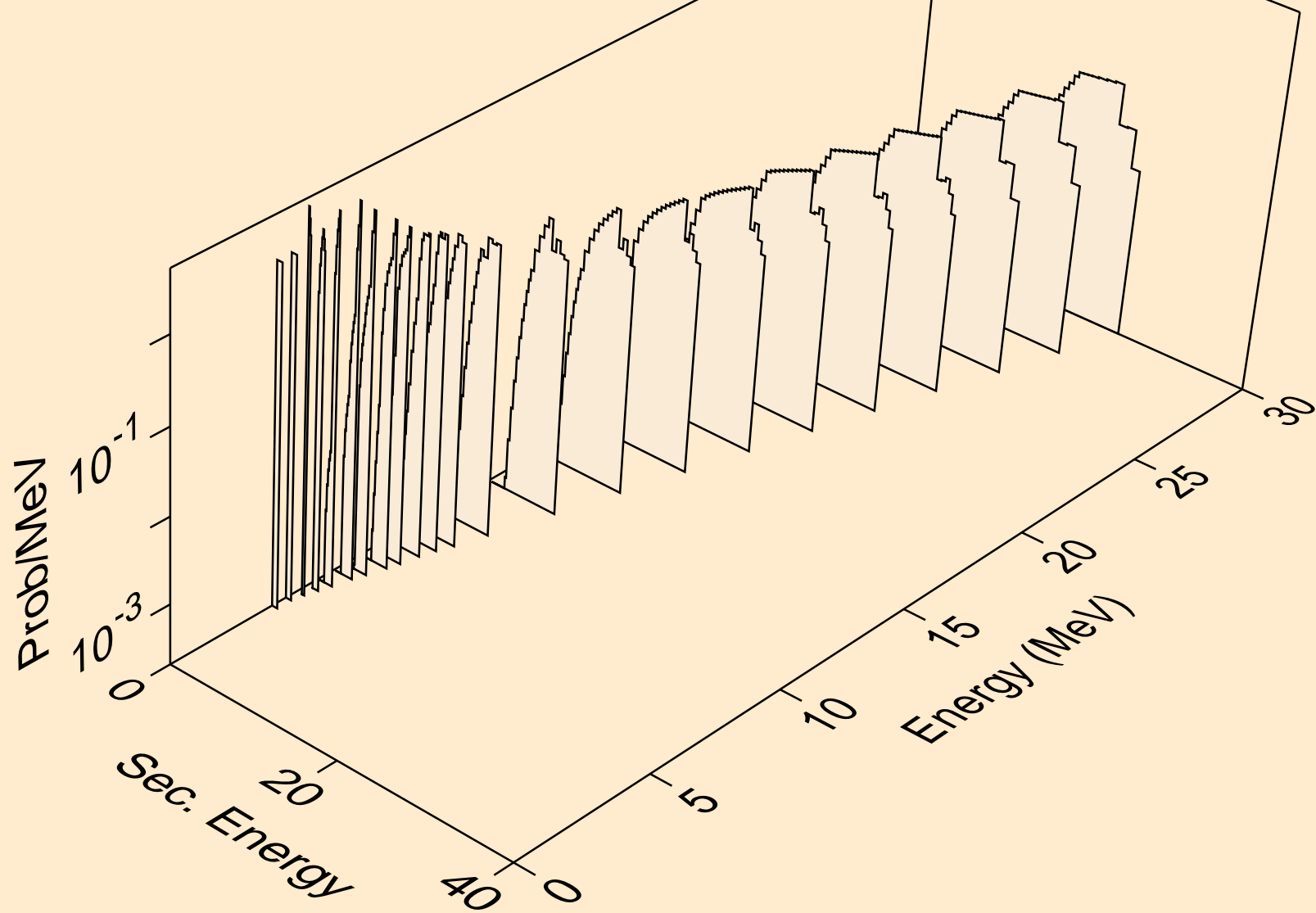
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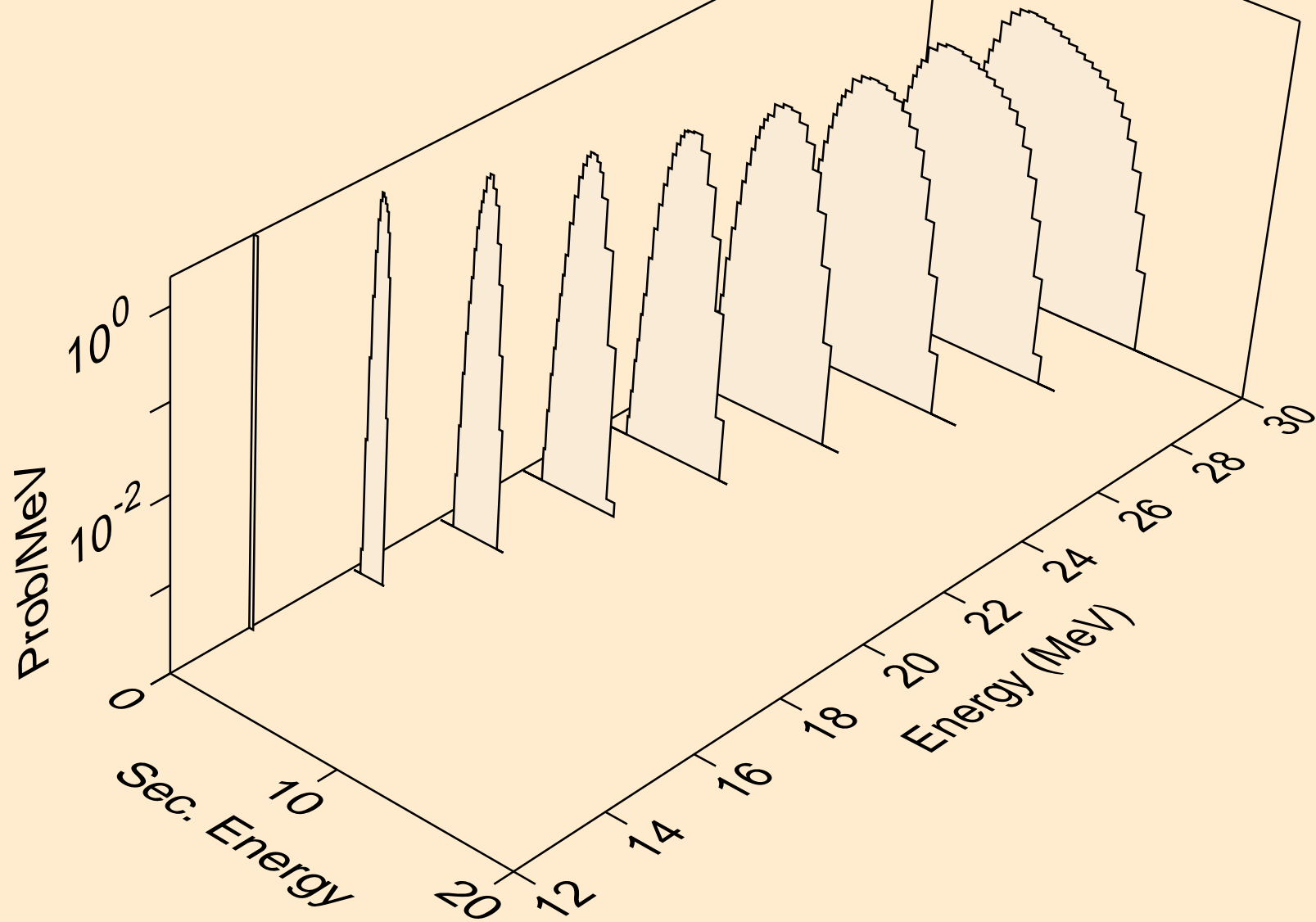
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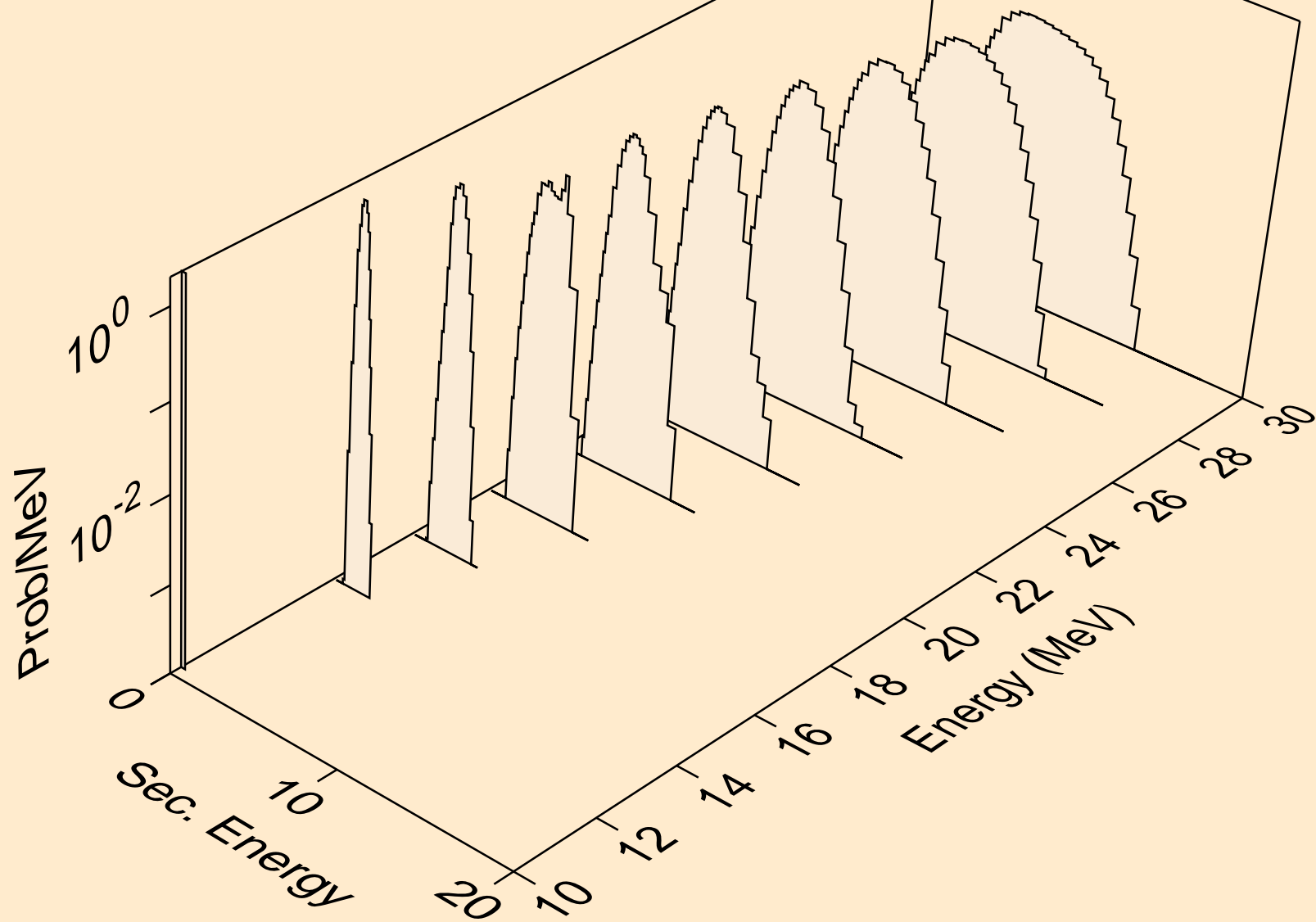
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deuterons from (n,d)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

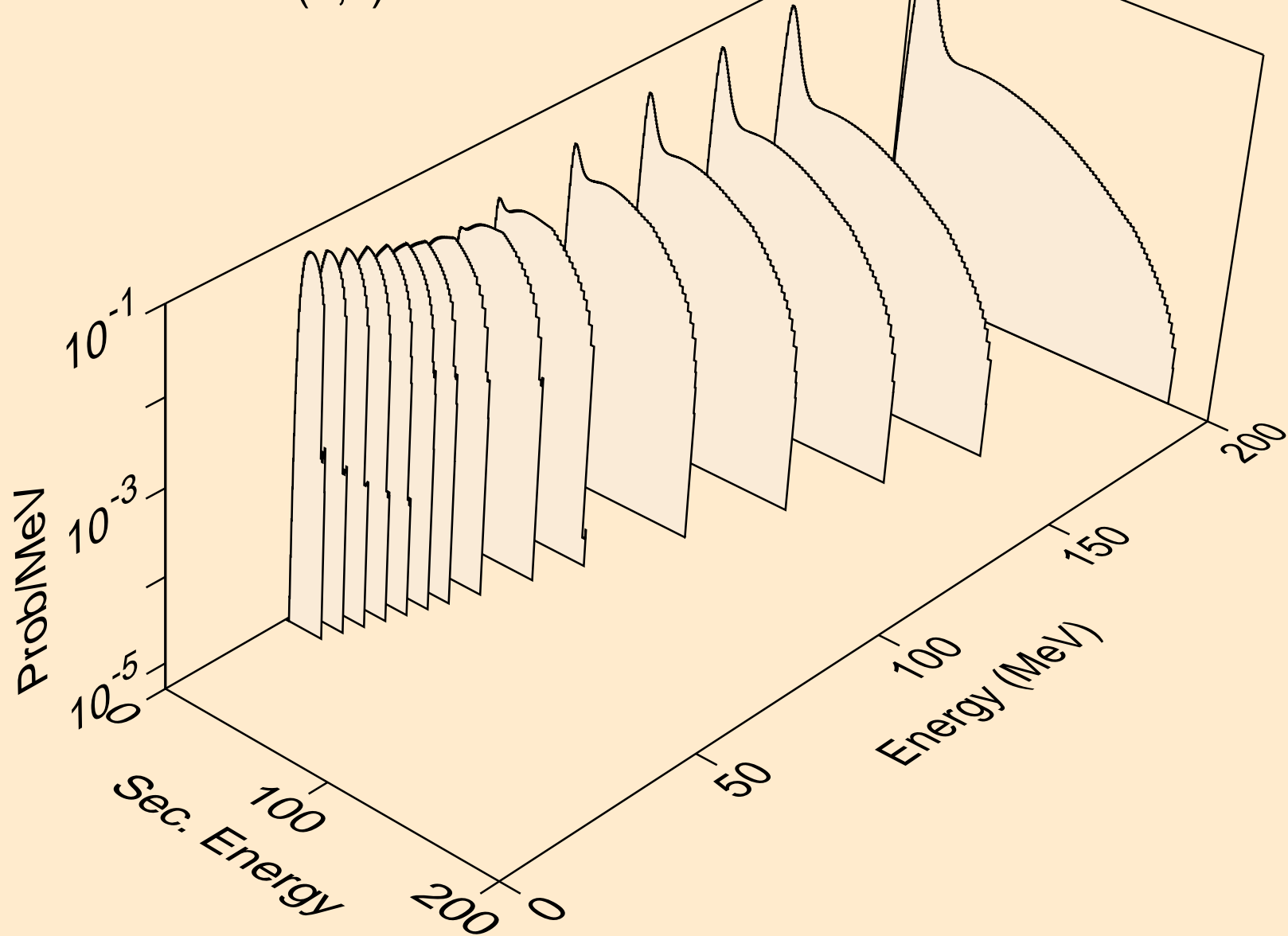


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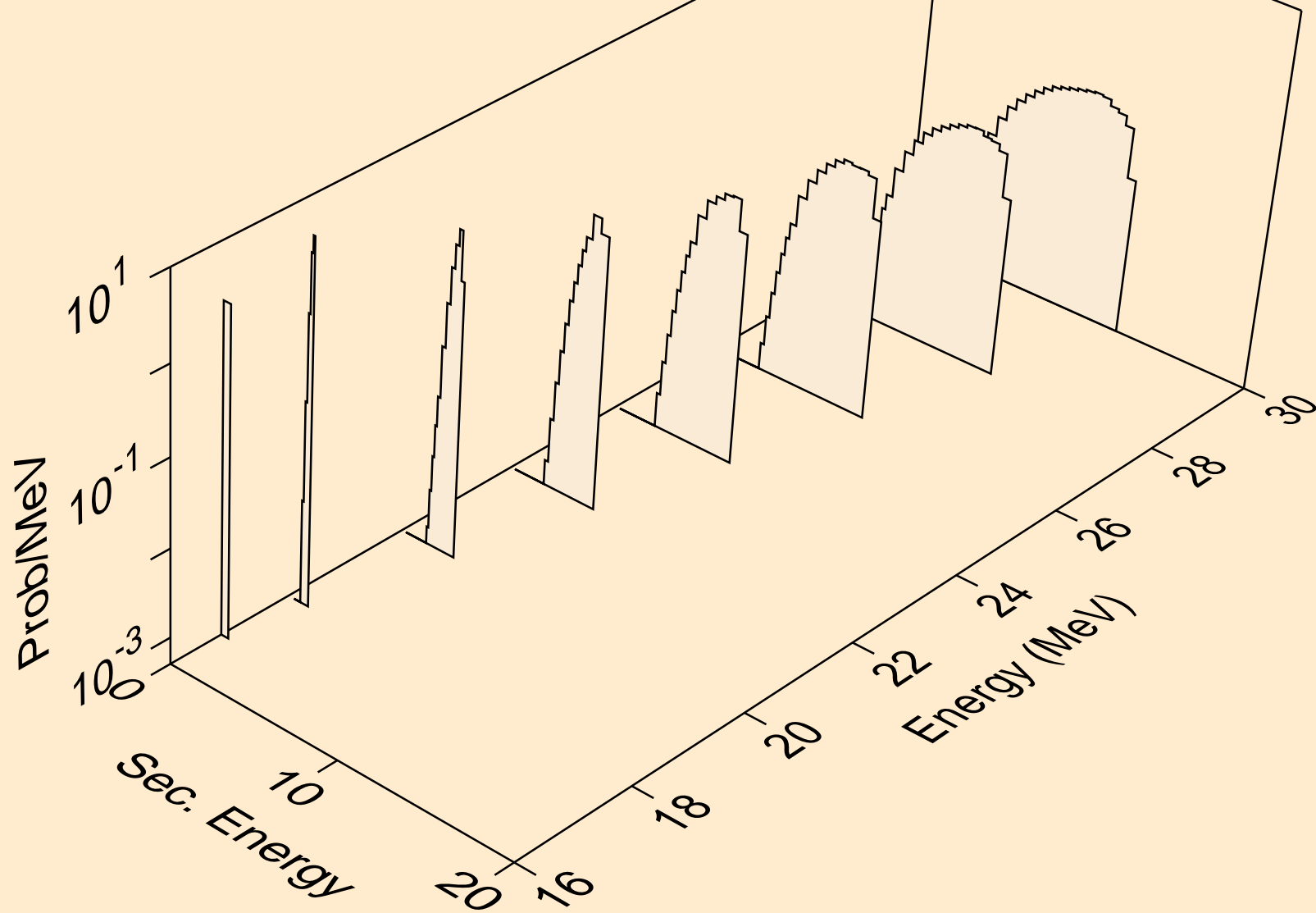




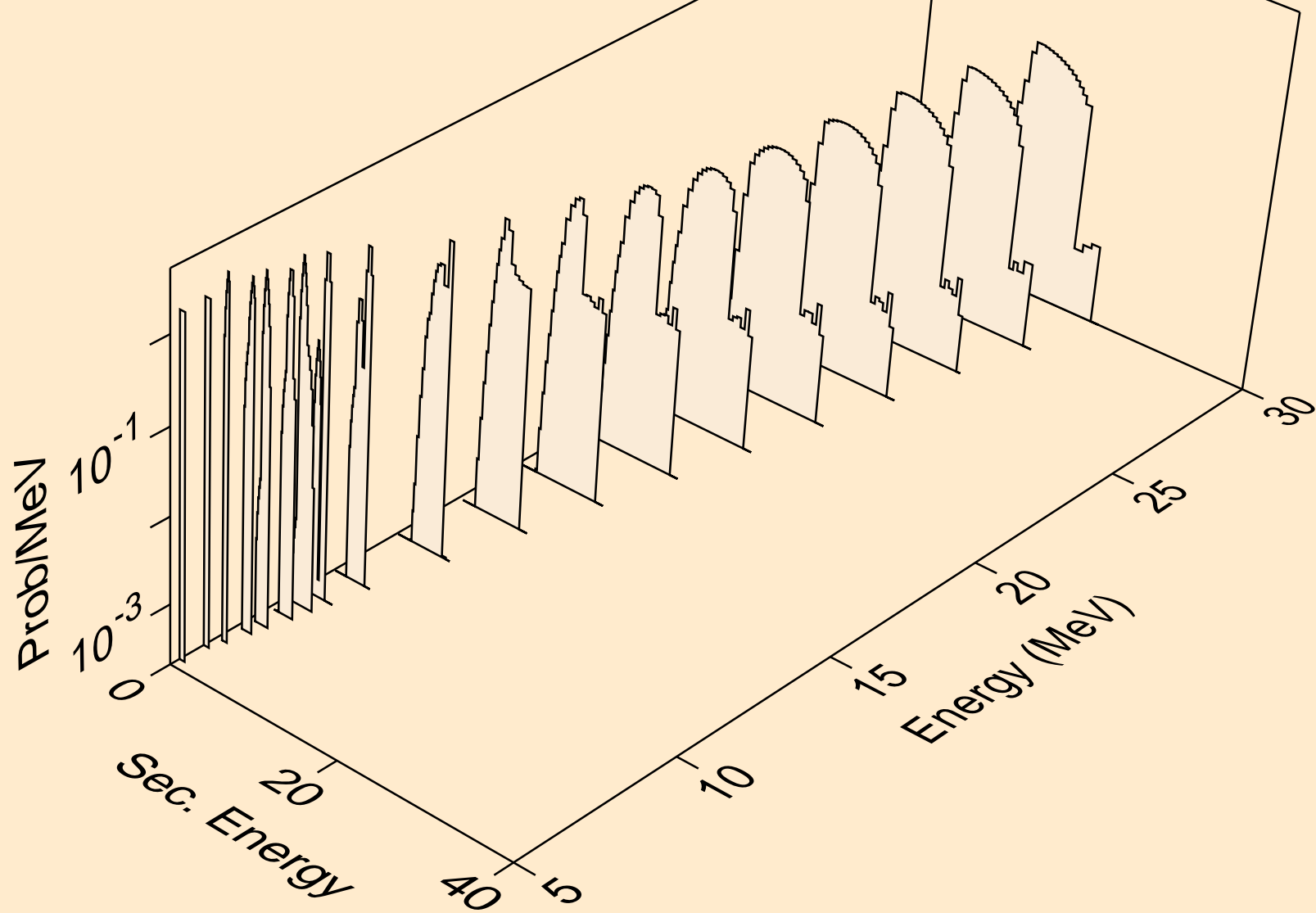
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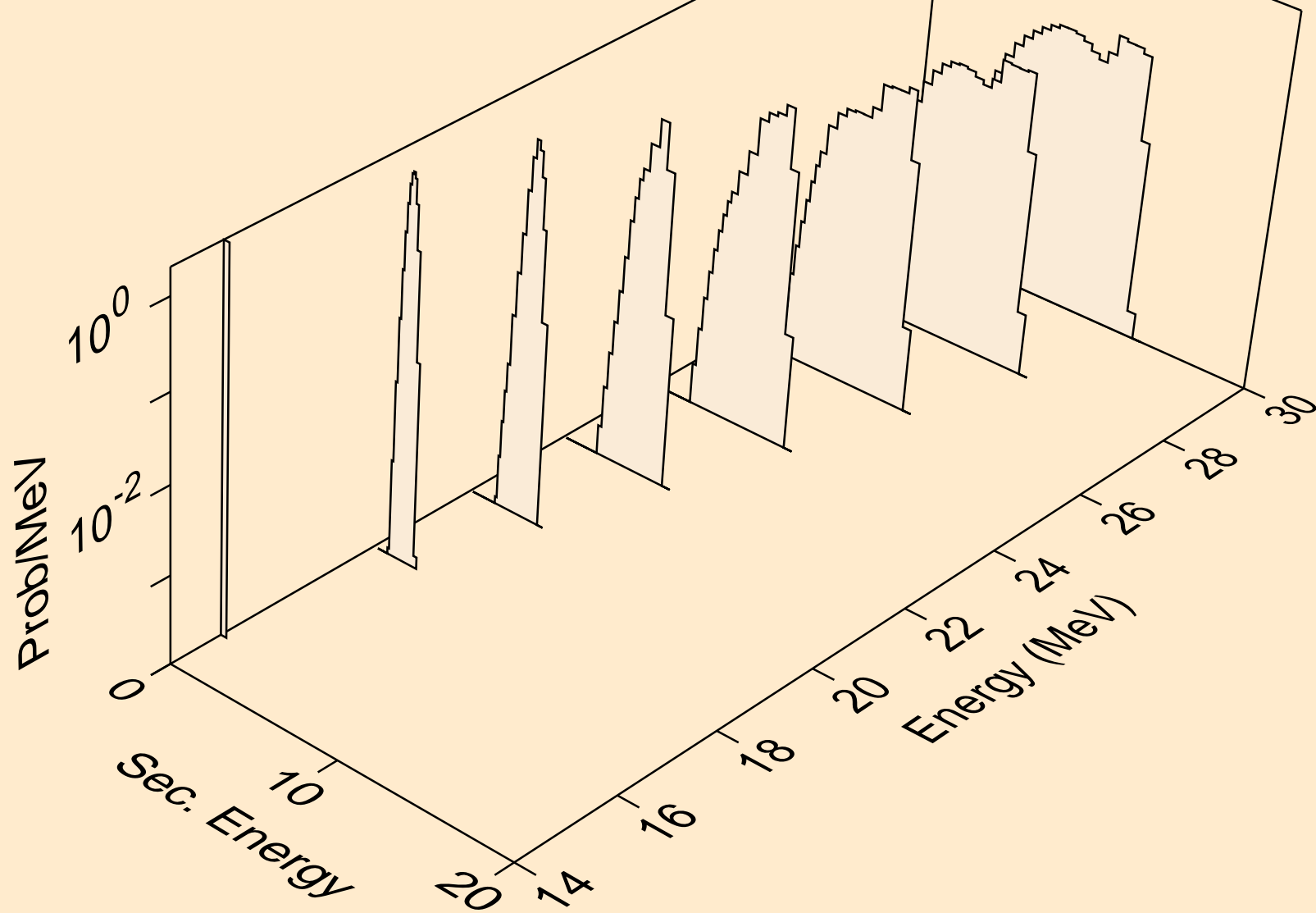
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tritons from (n,n\*)t



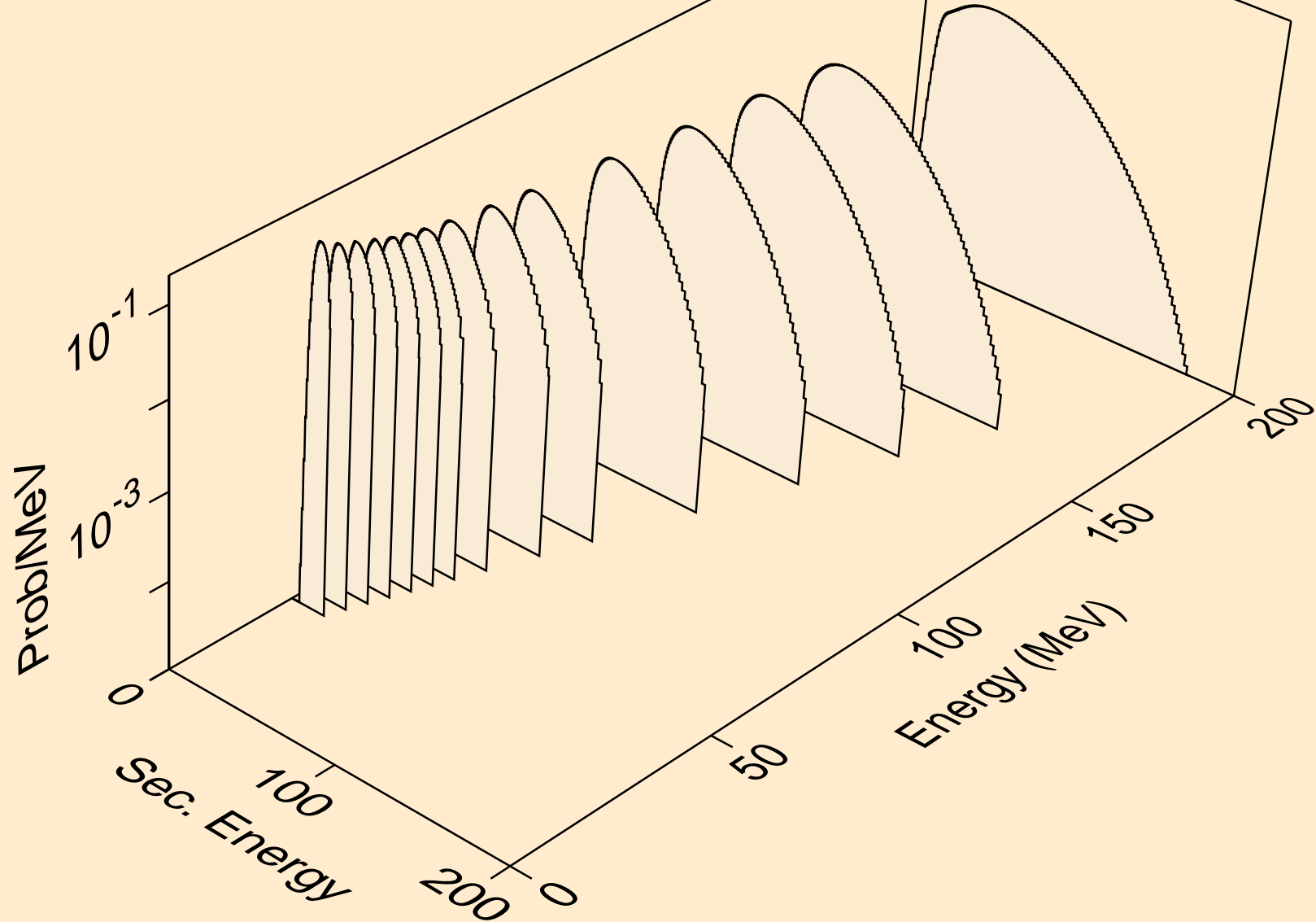
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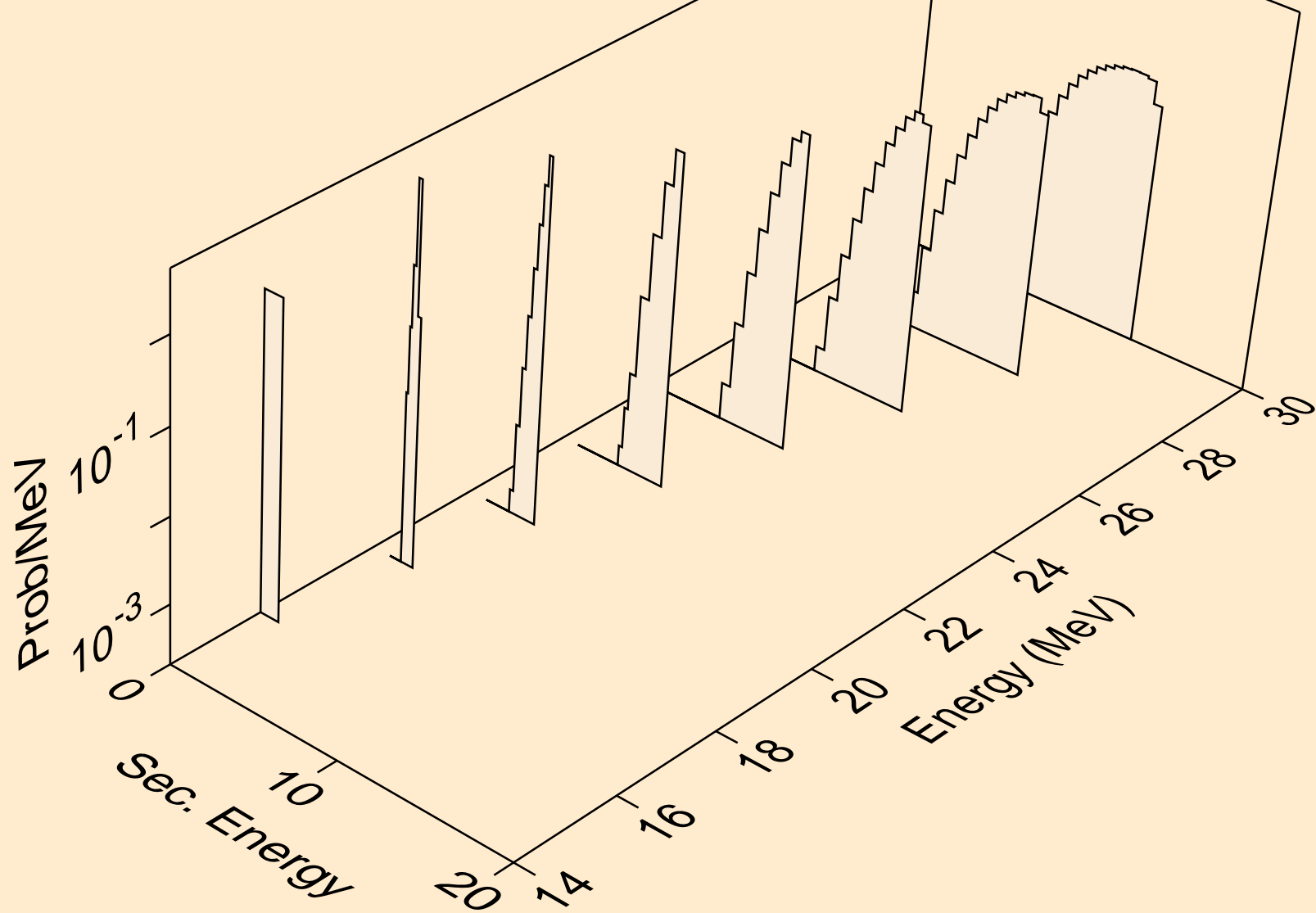
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tritons from (n,pt)



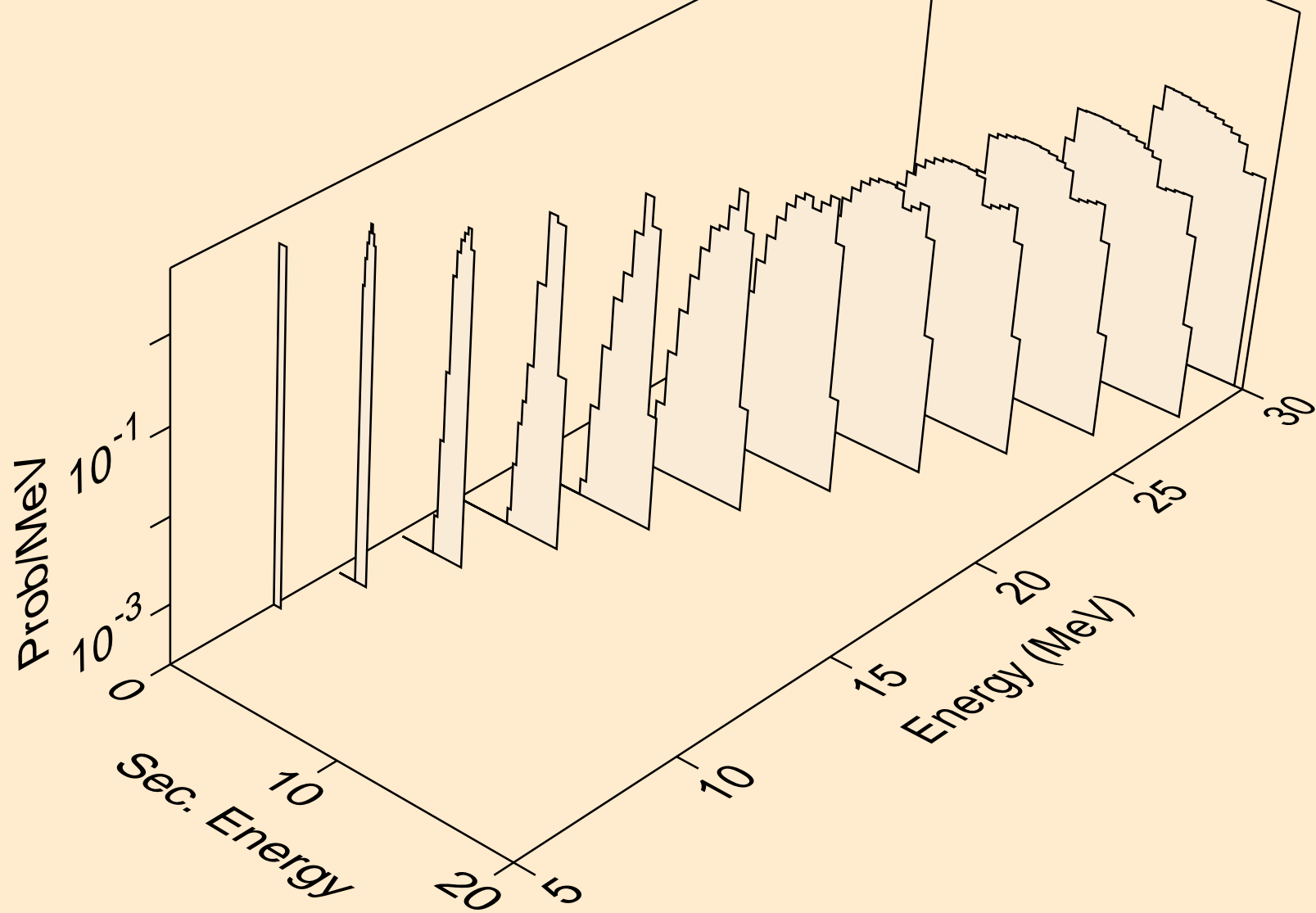
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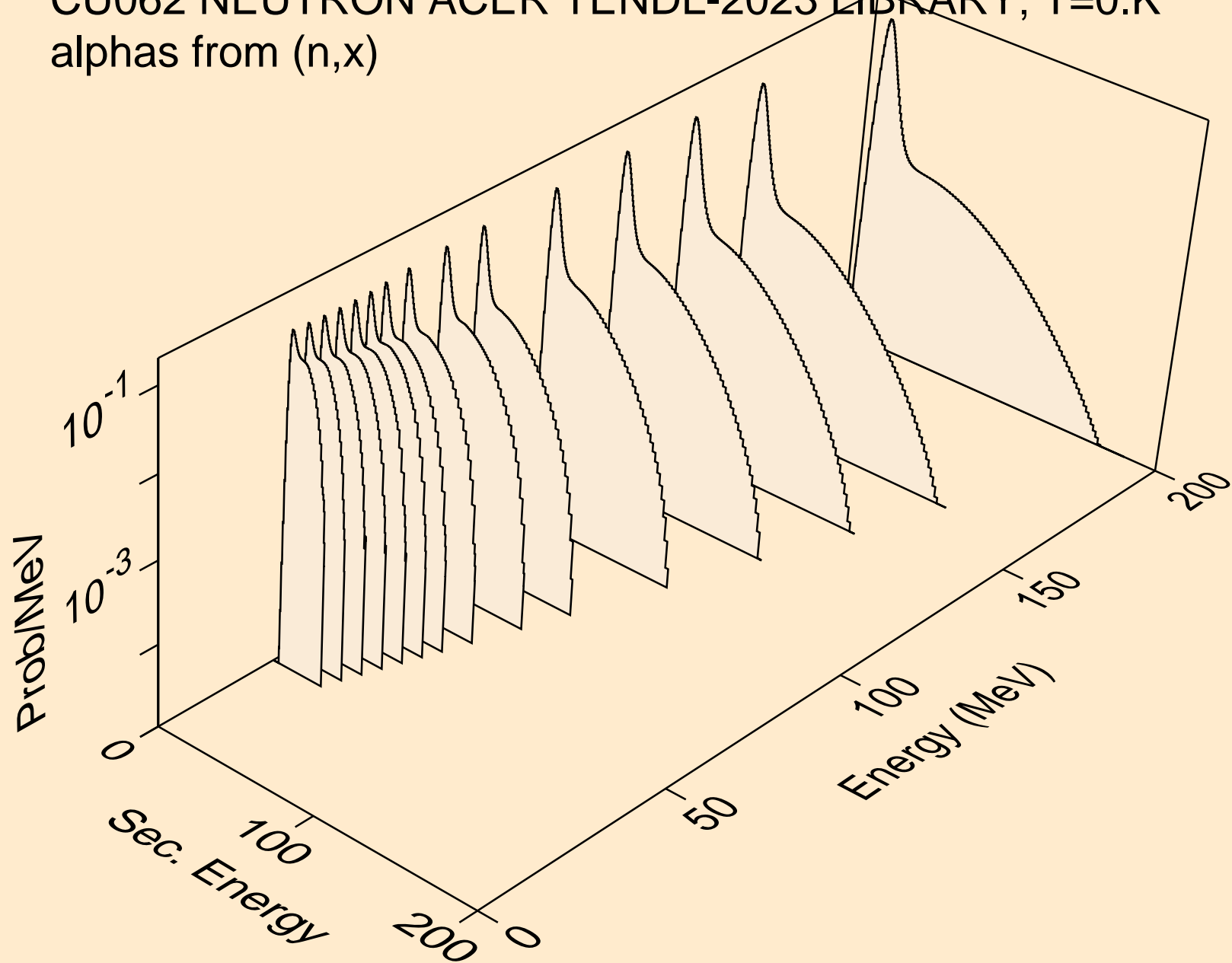
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he3s from (n,n\*)he3



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he3s from (n,he3)

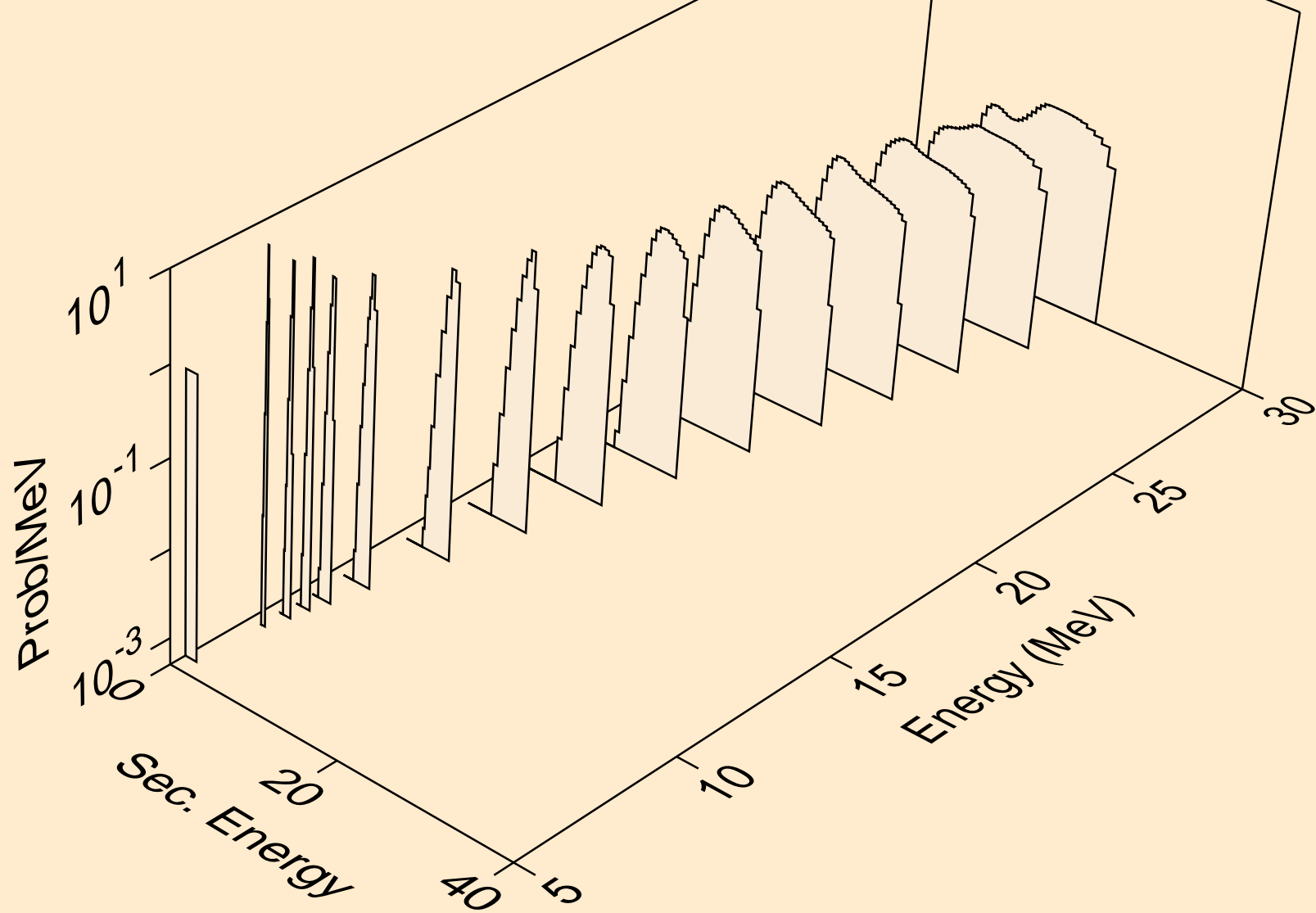


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alphas from (n,x)

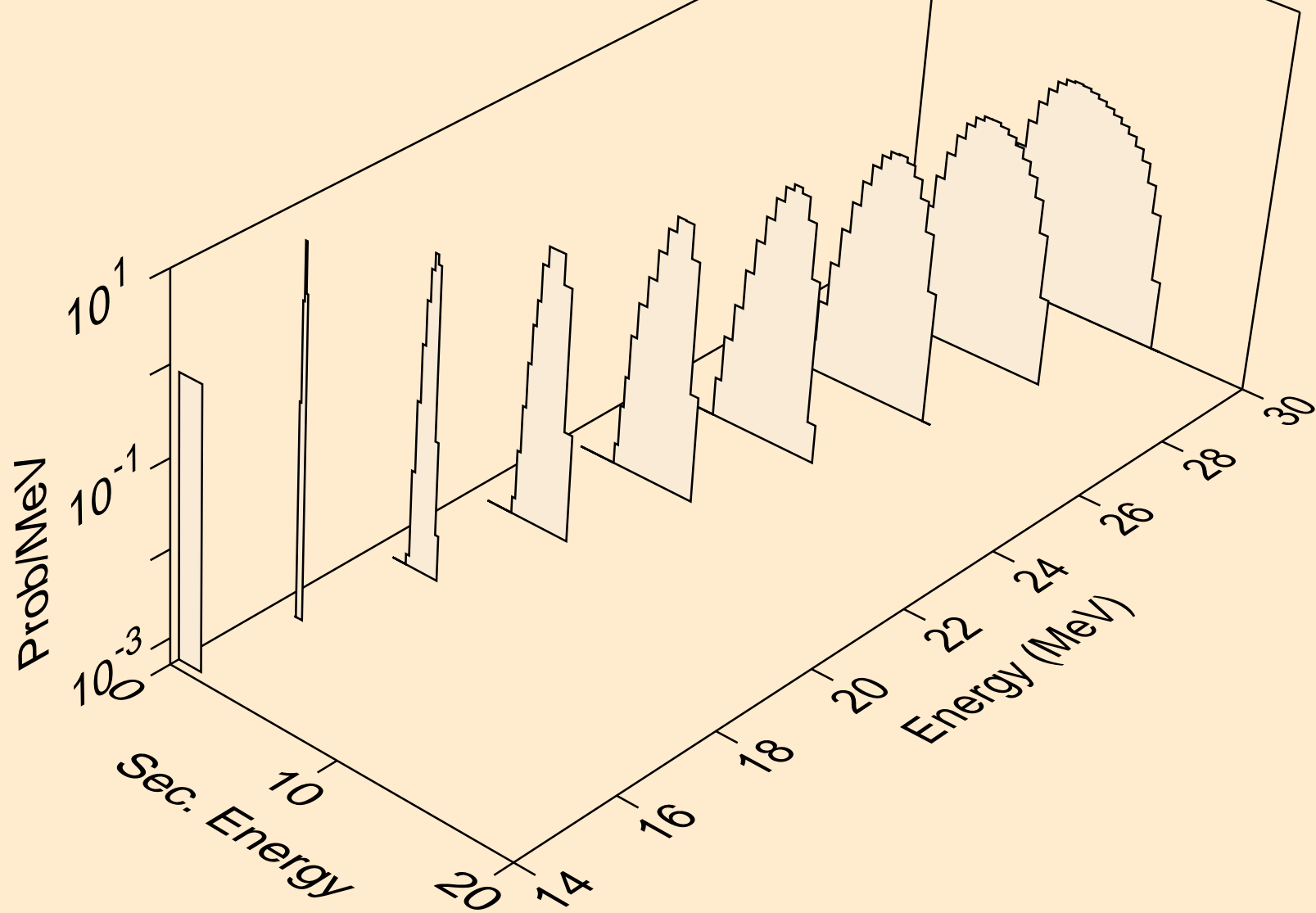




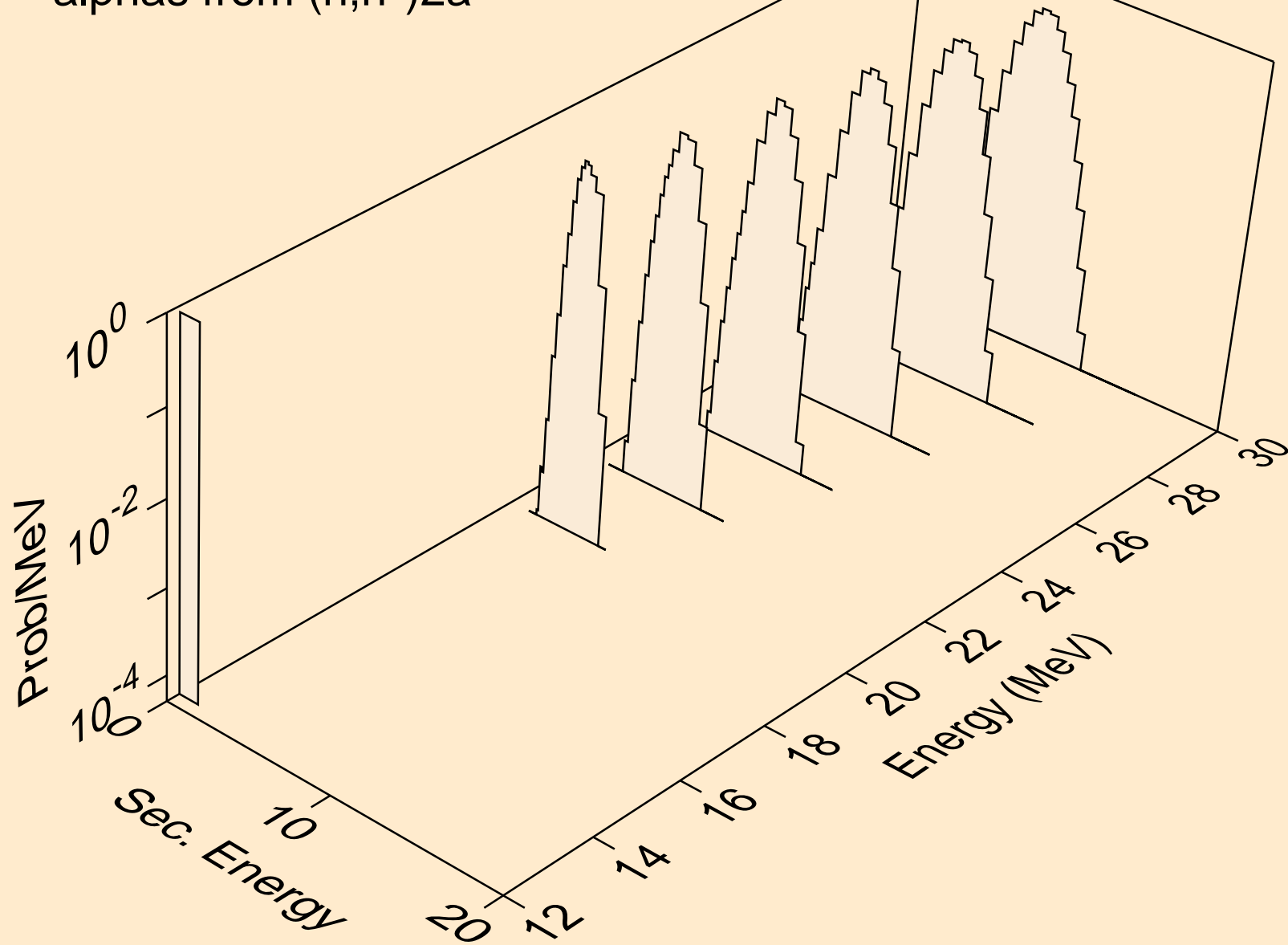
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alphas from (n,n\*)a



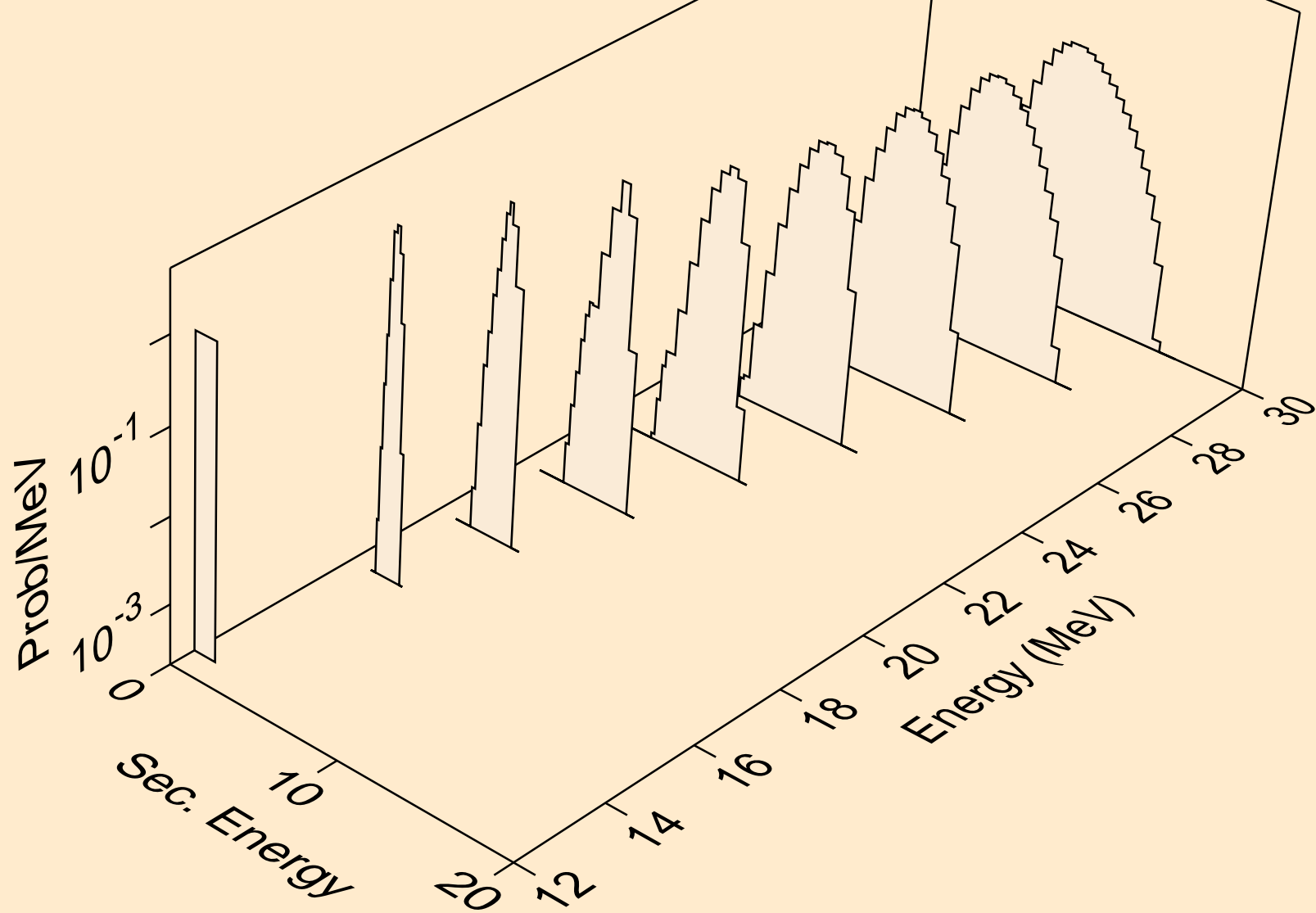
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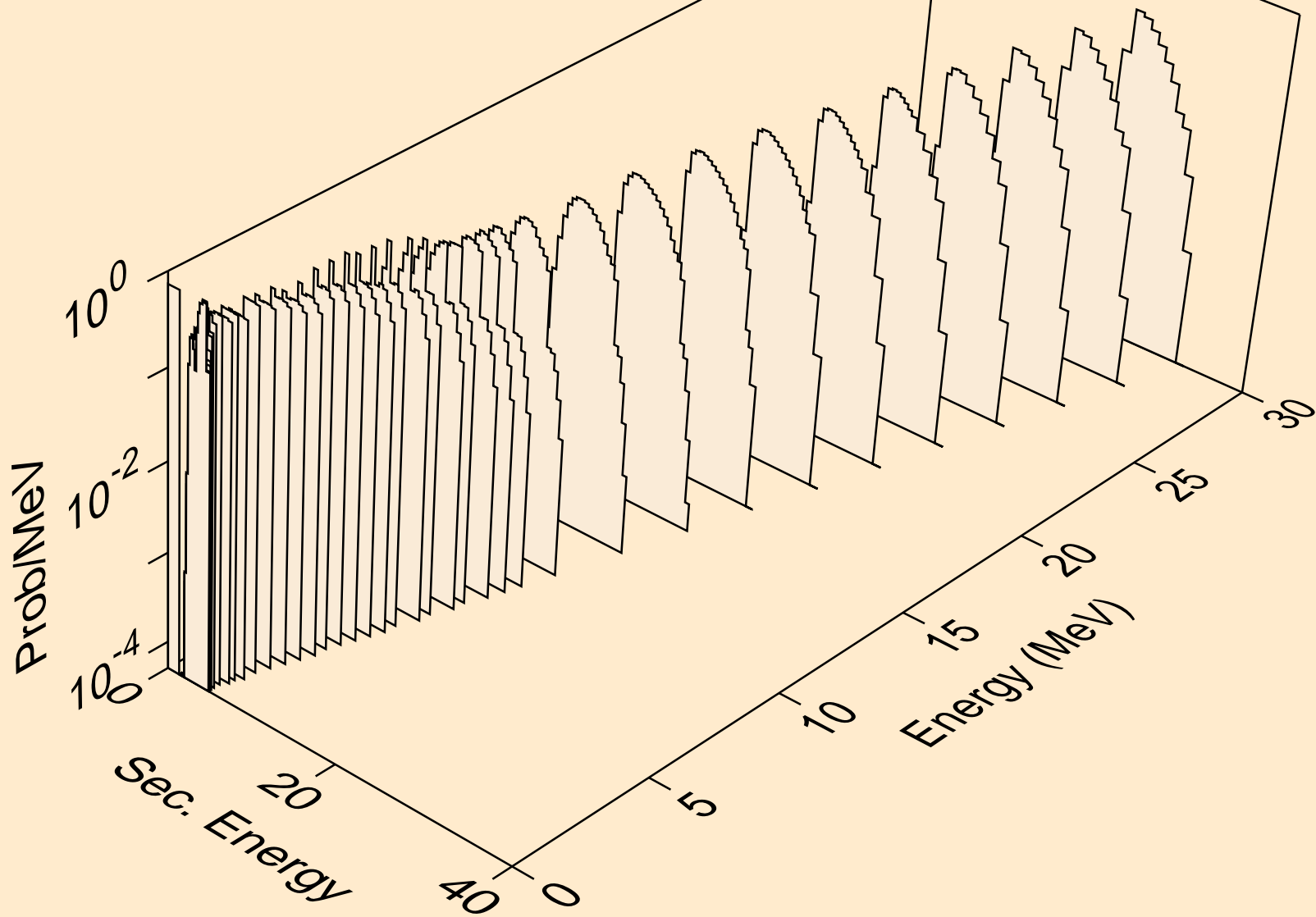
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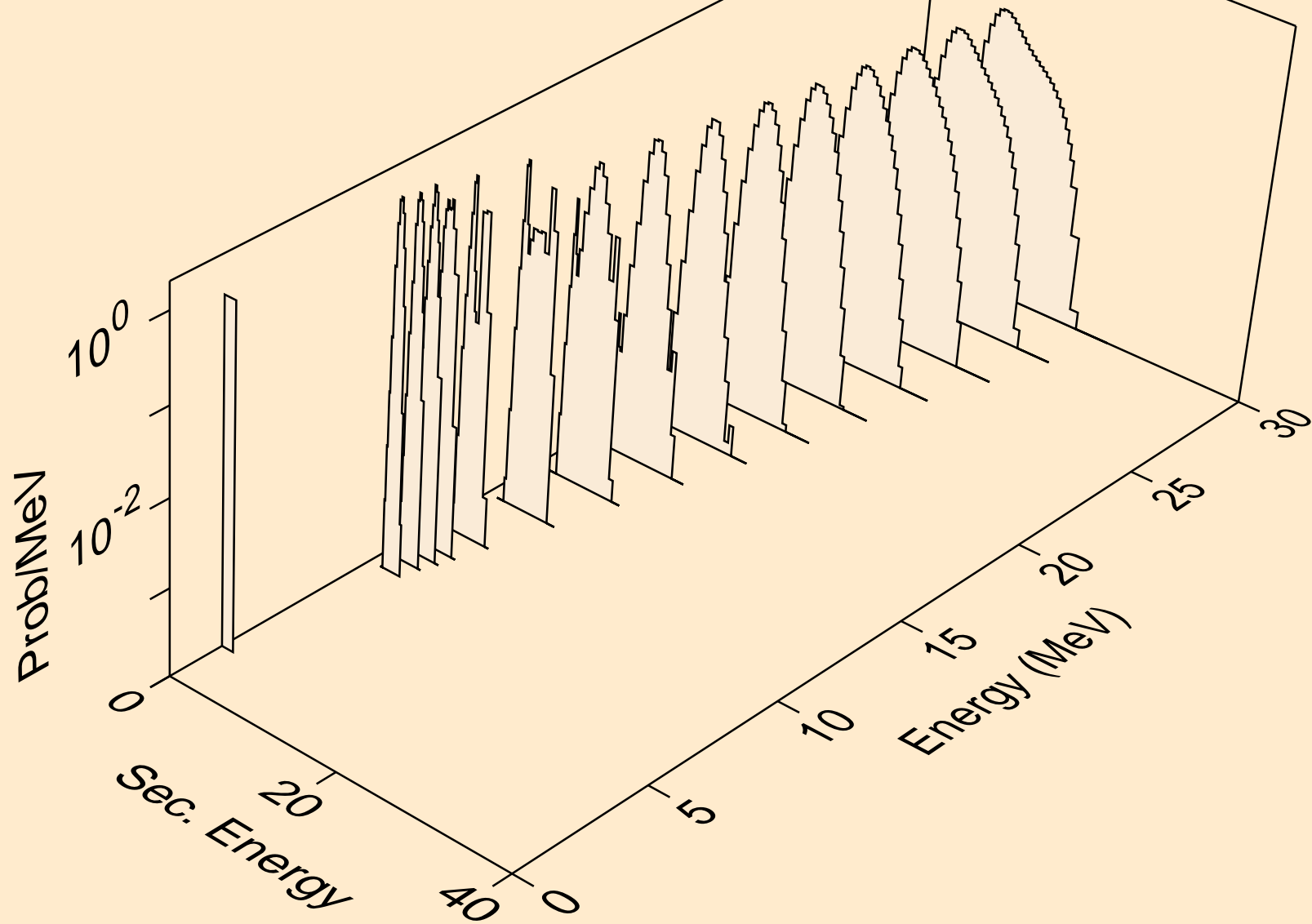
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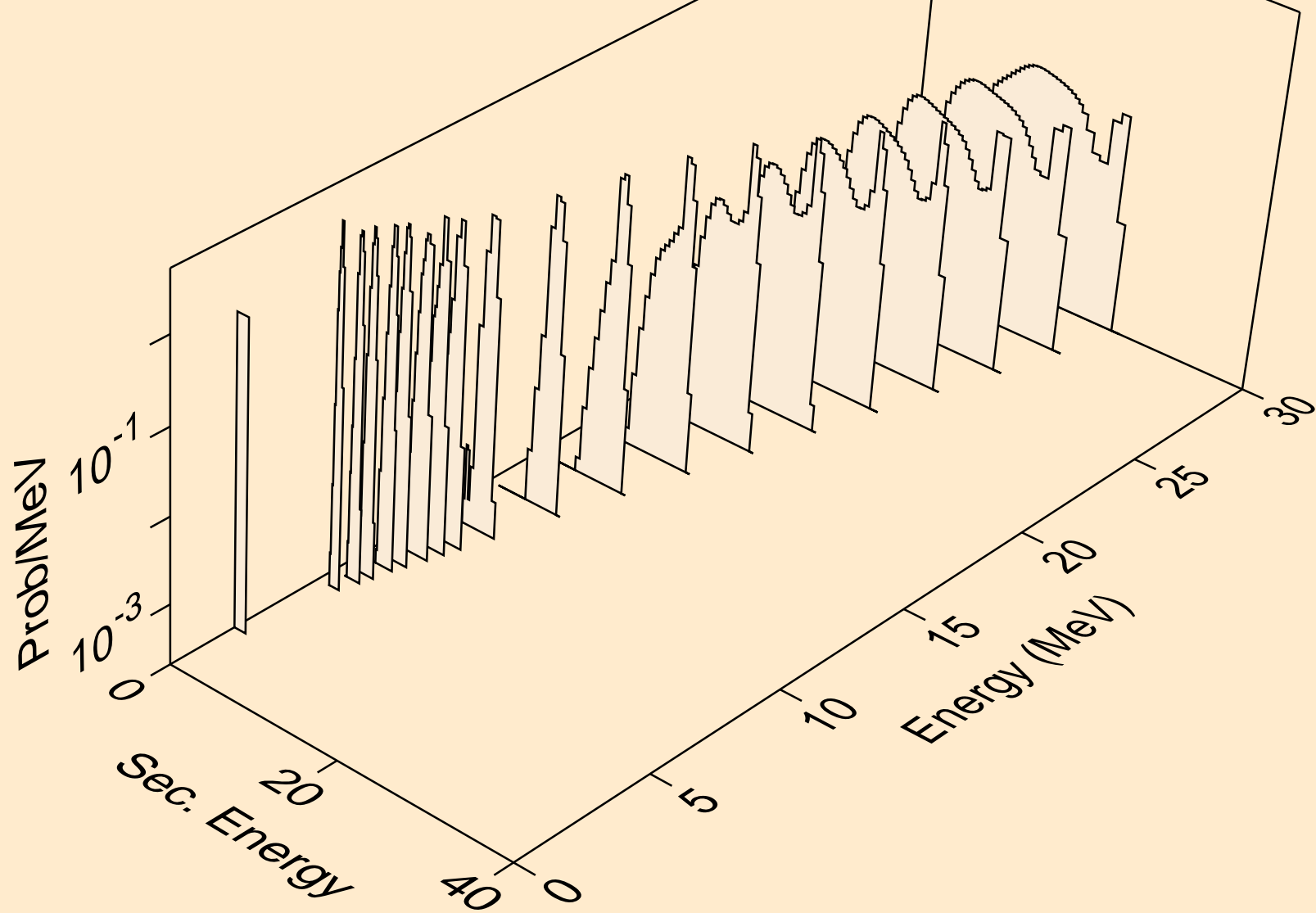
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alphas from (n,a)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



CU062 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

