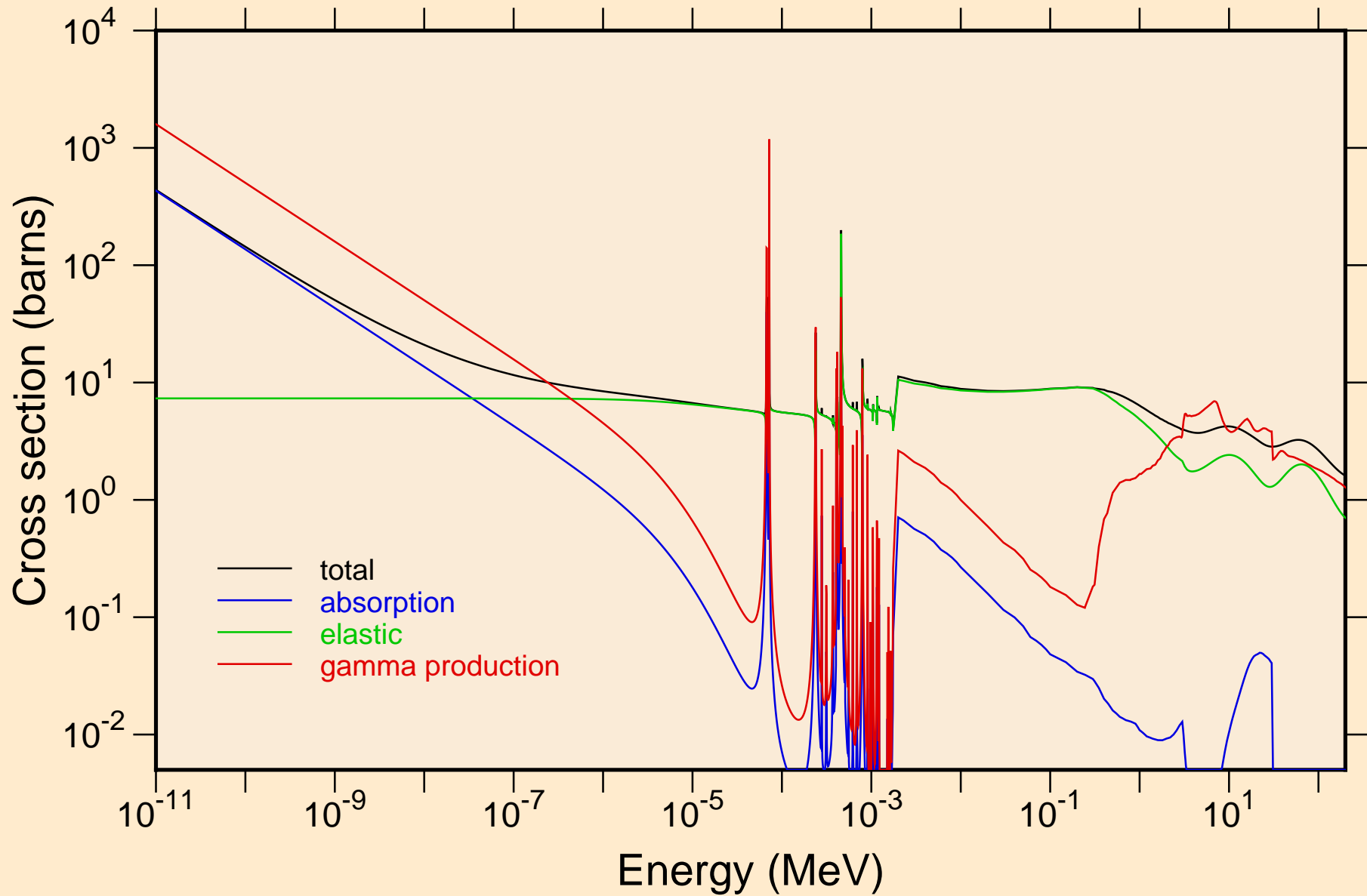
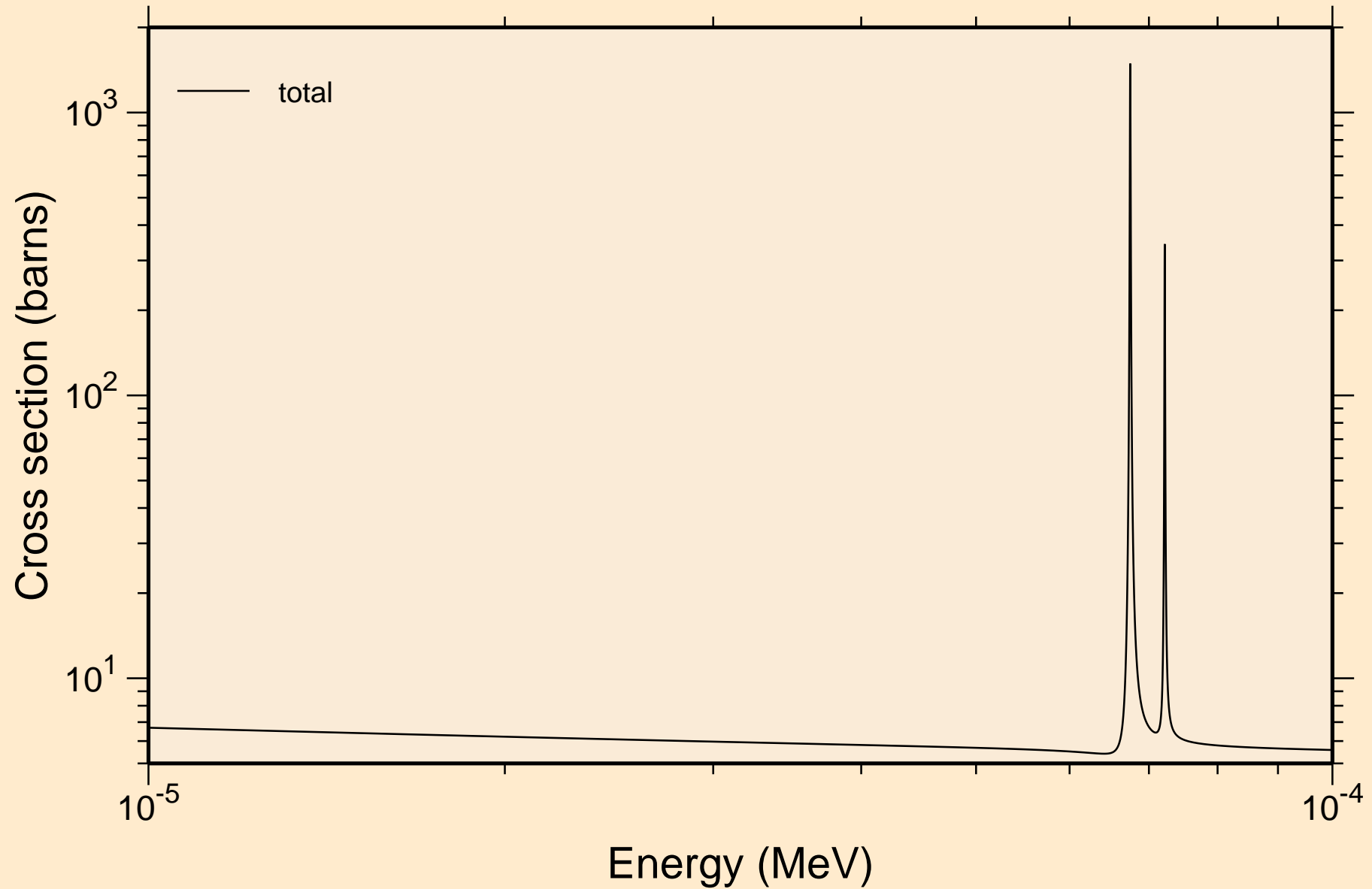


# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

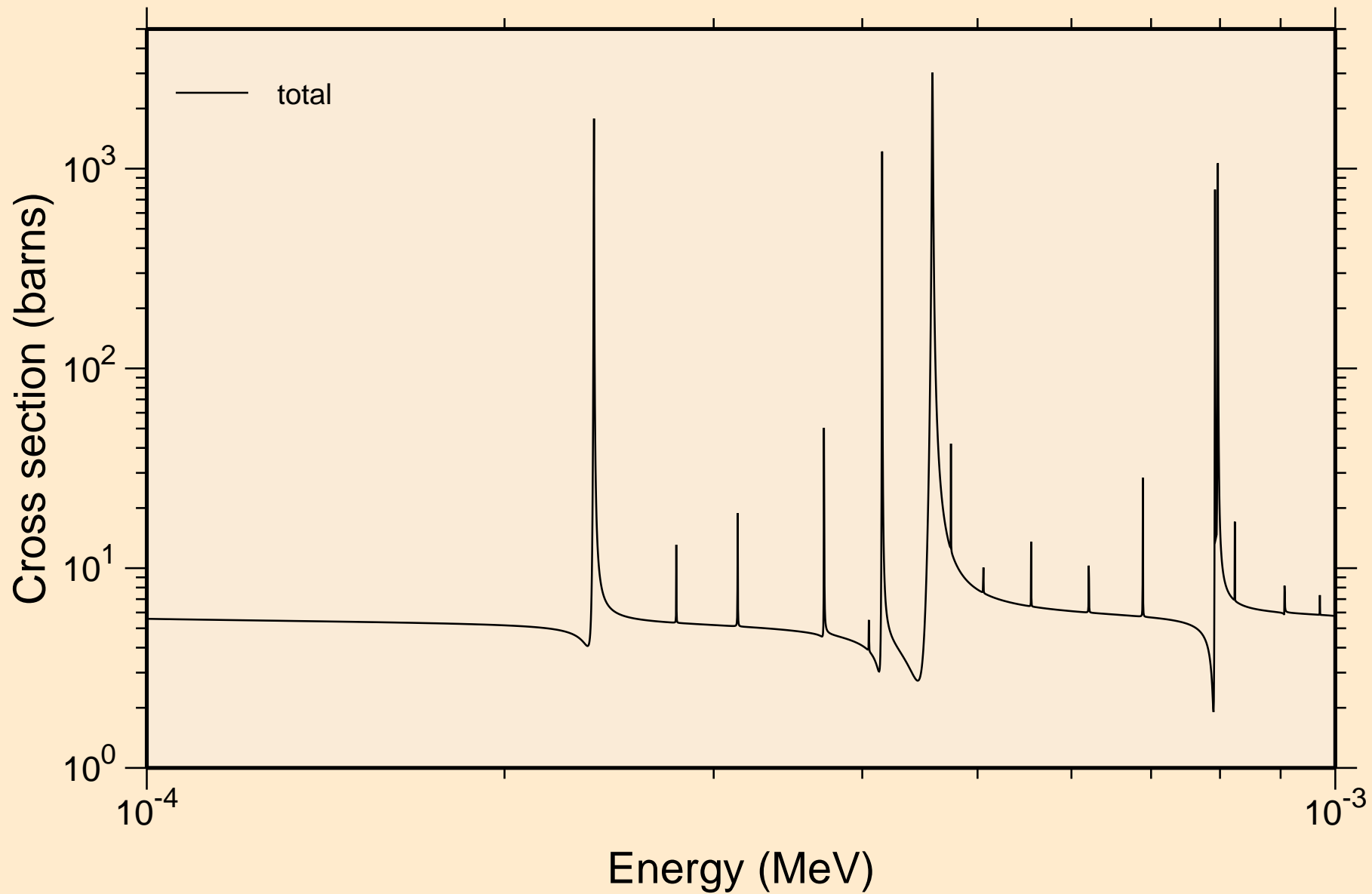
## Principal cross sections



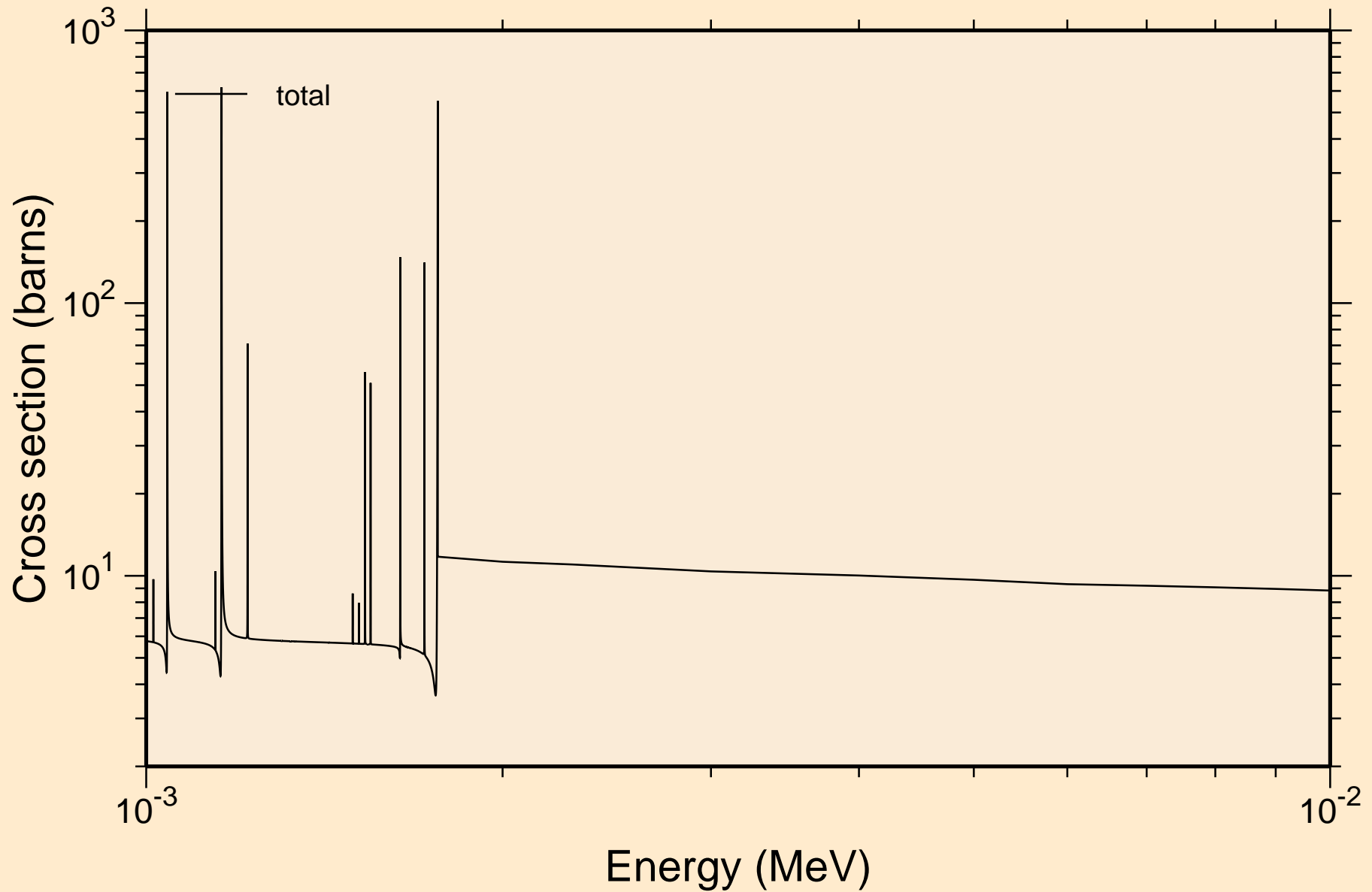
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



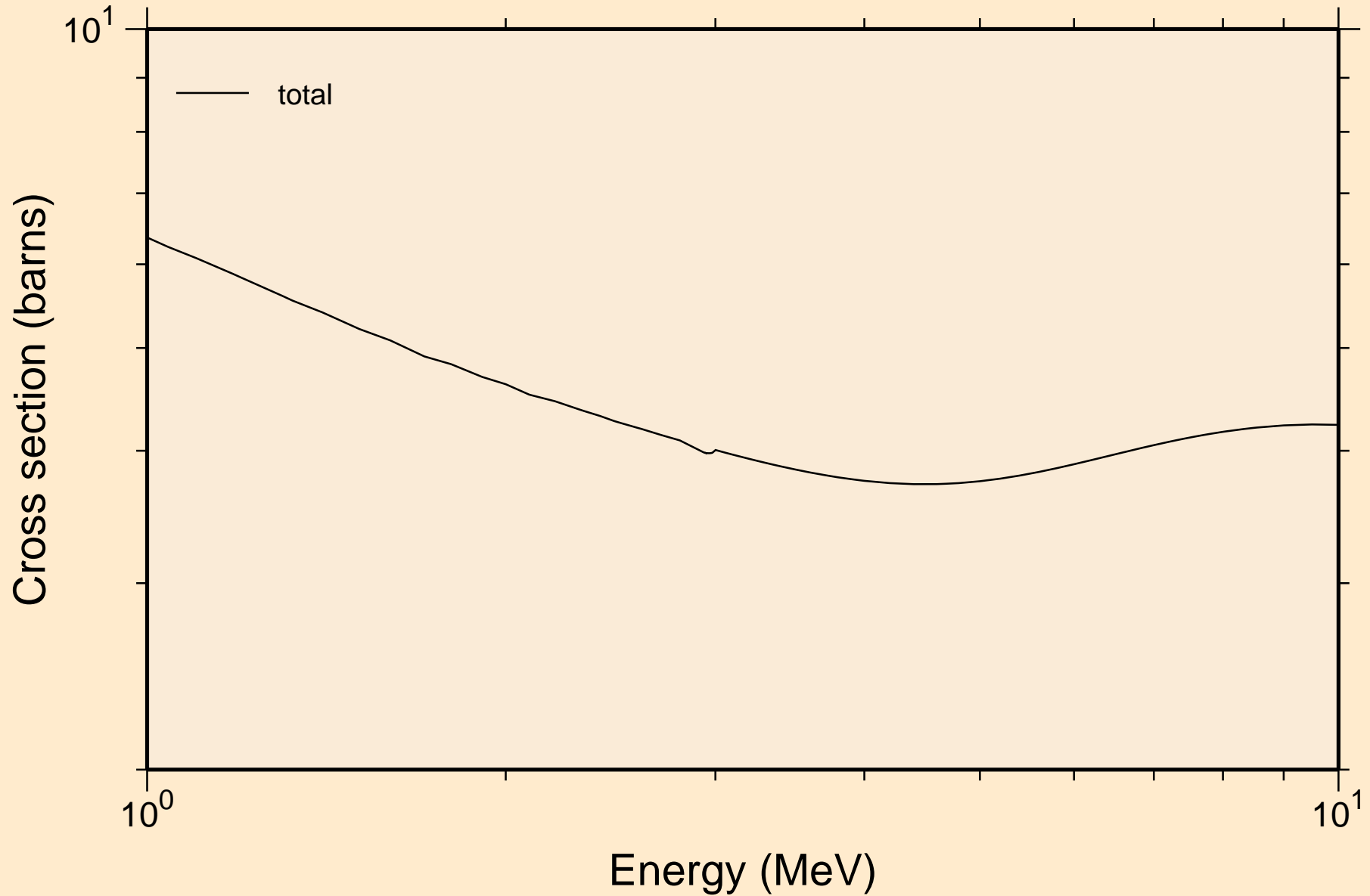
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



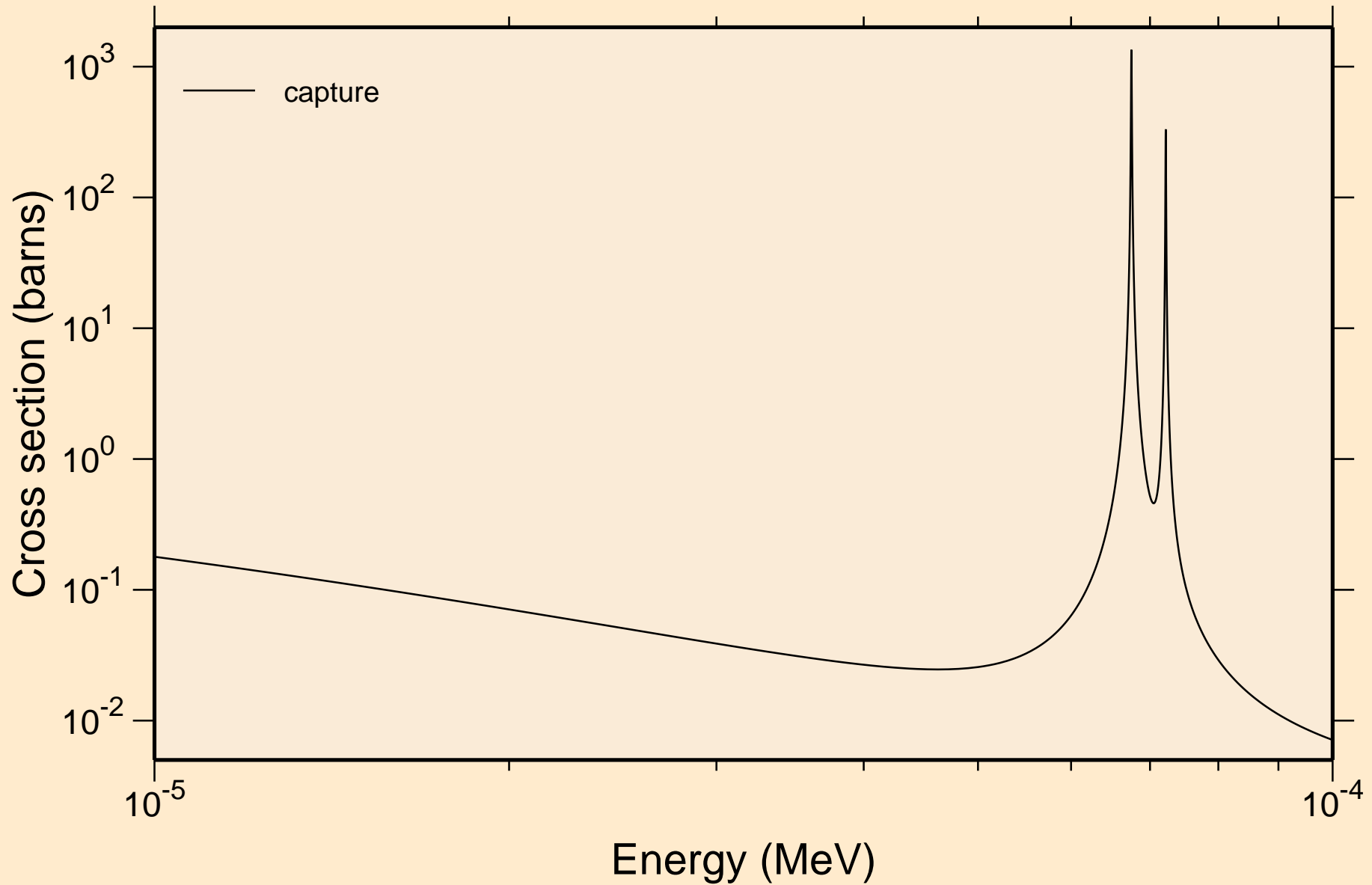
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



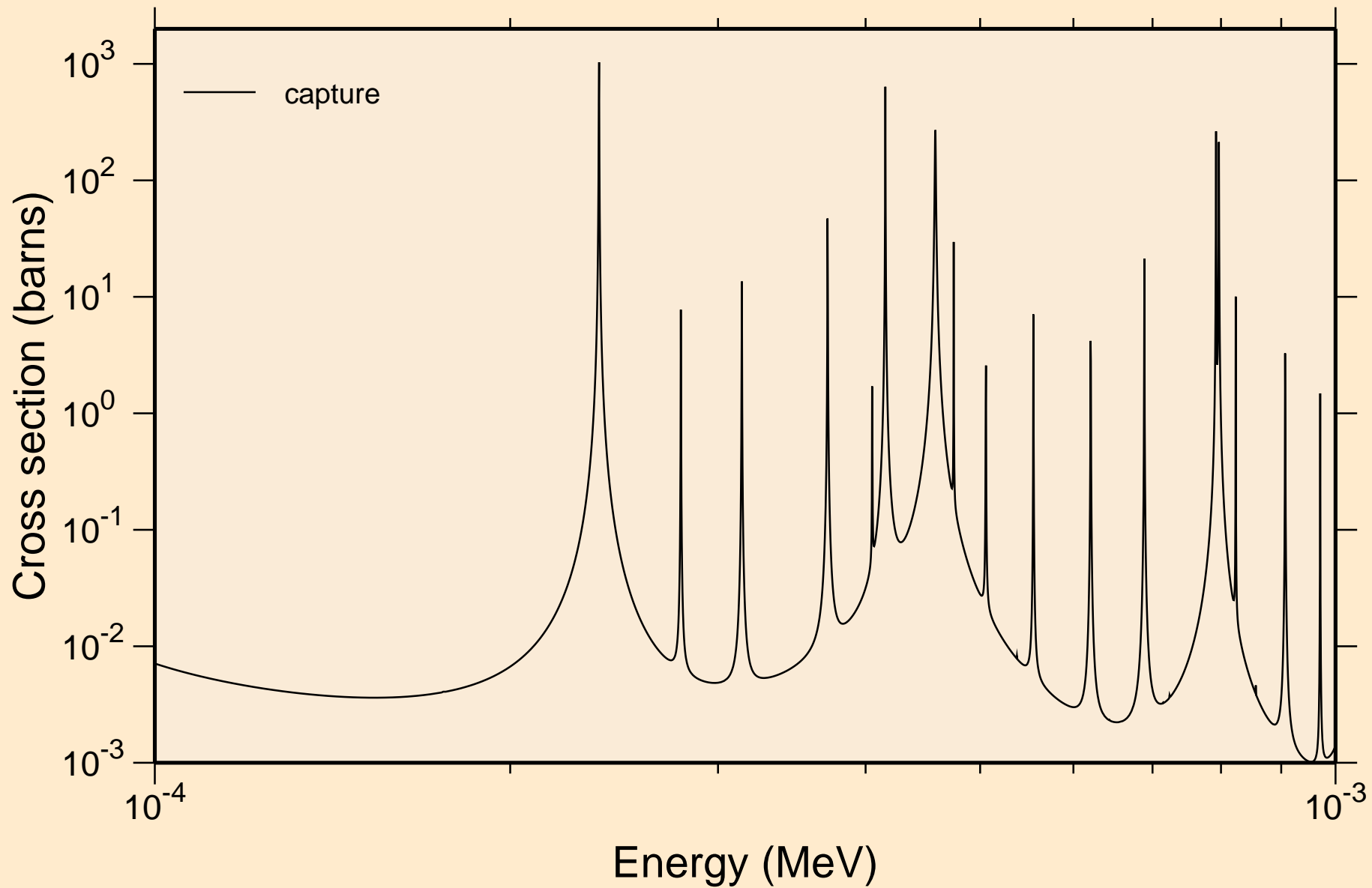
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



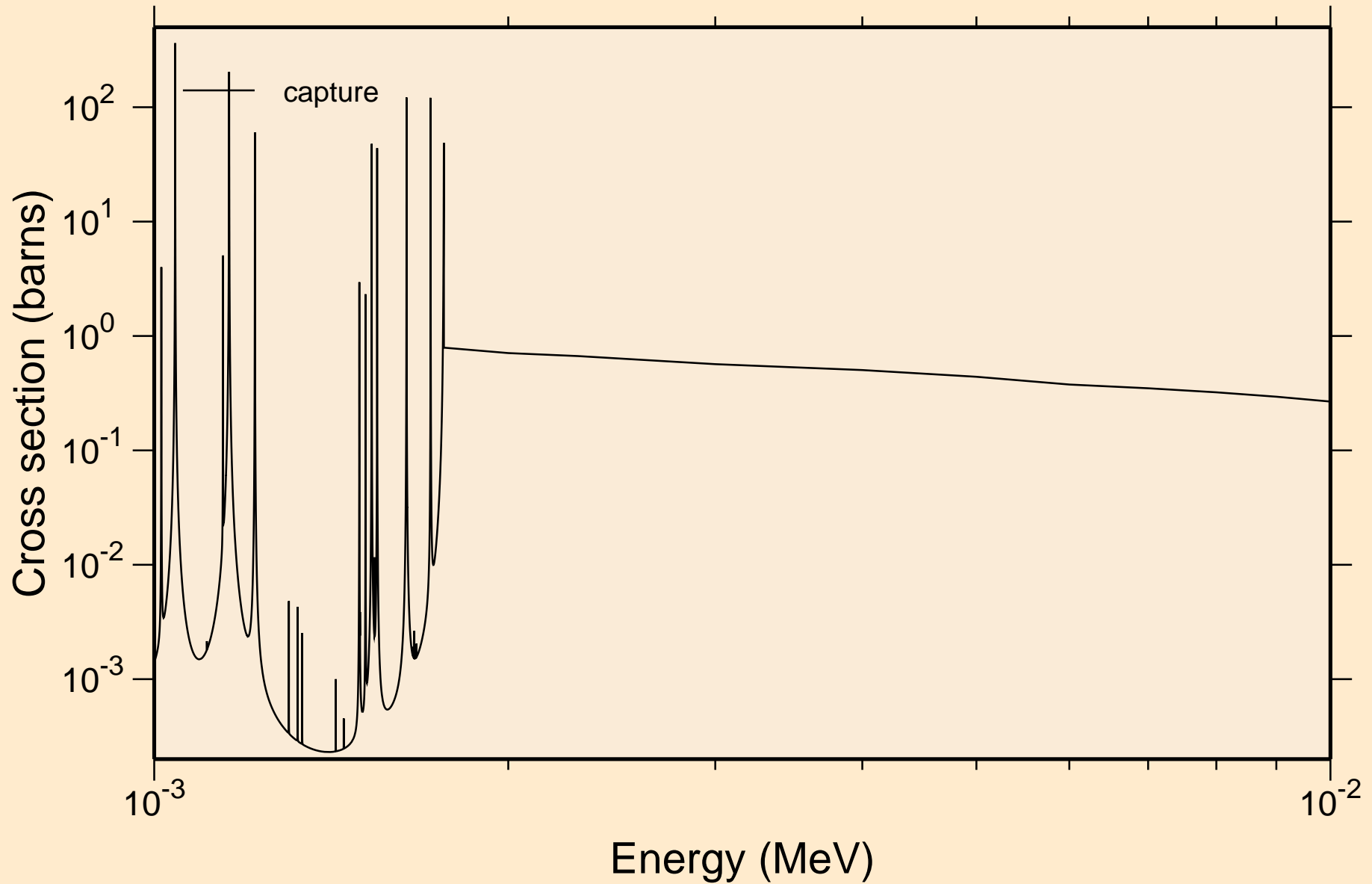
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

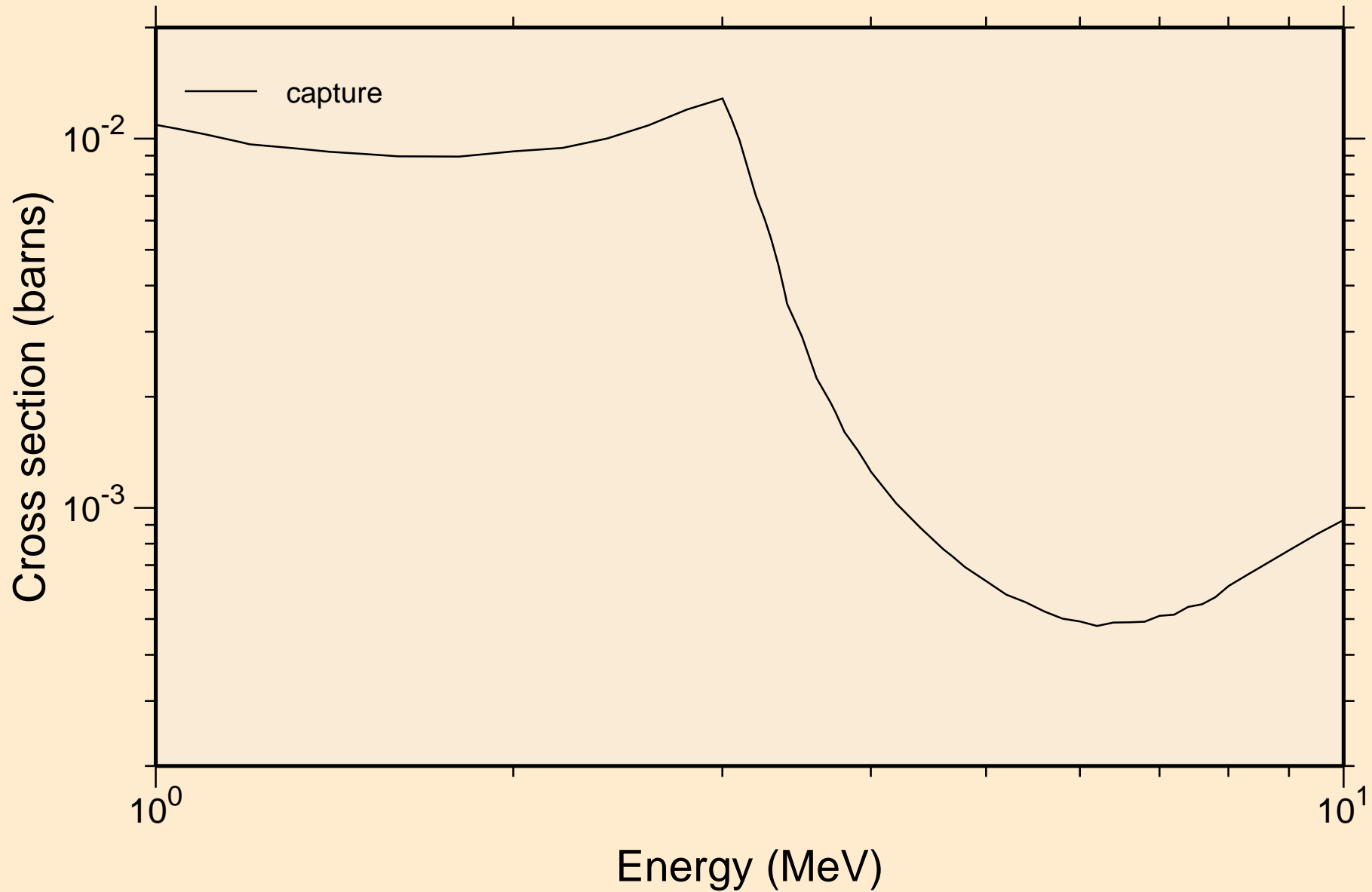


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



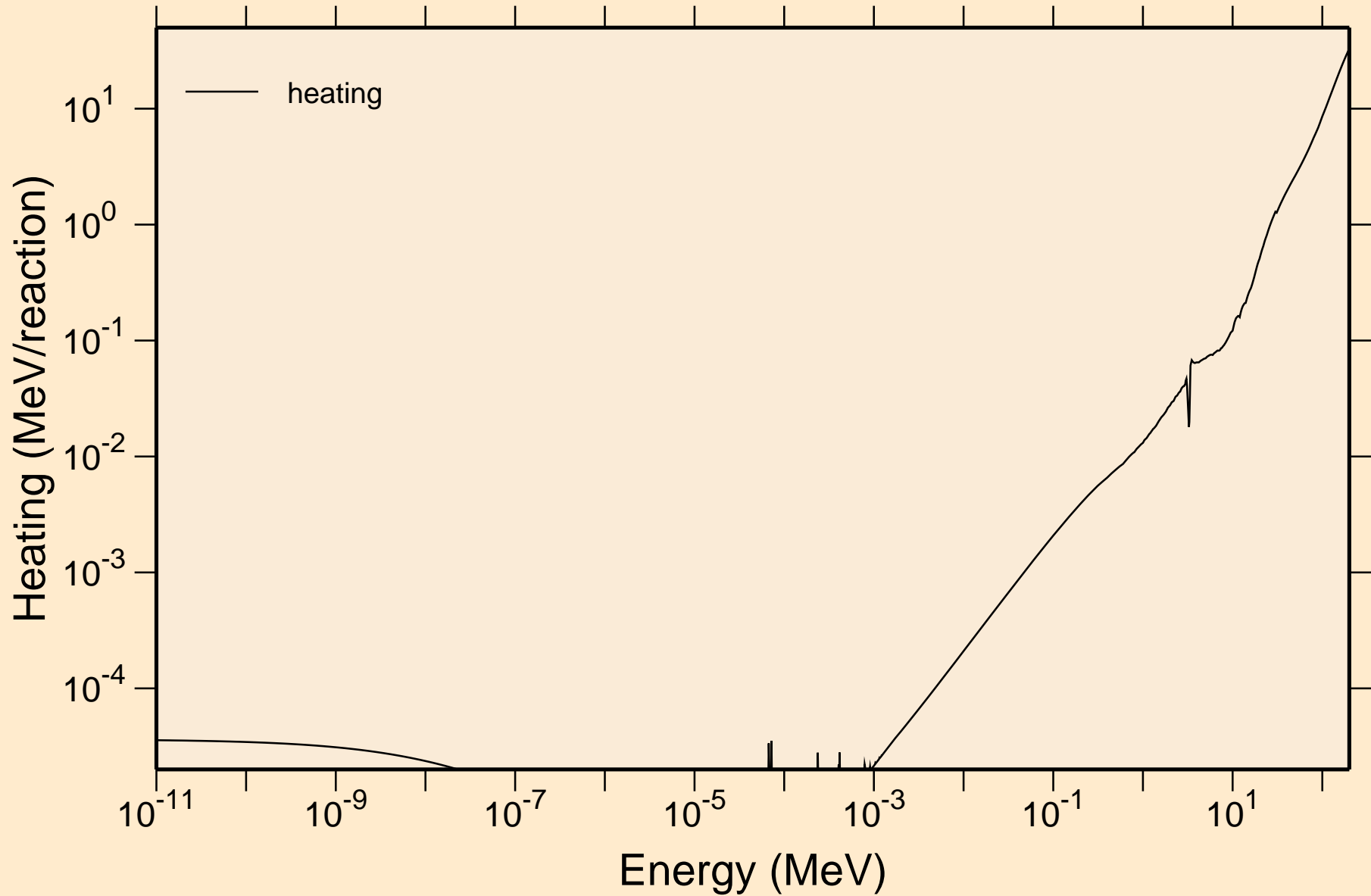


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



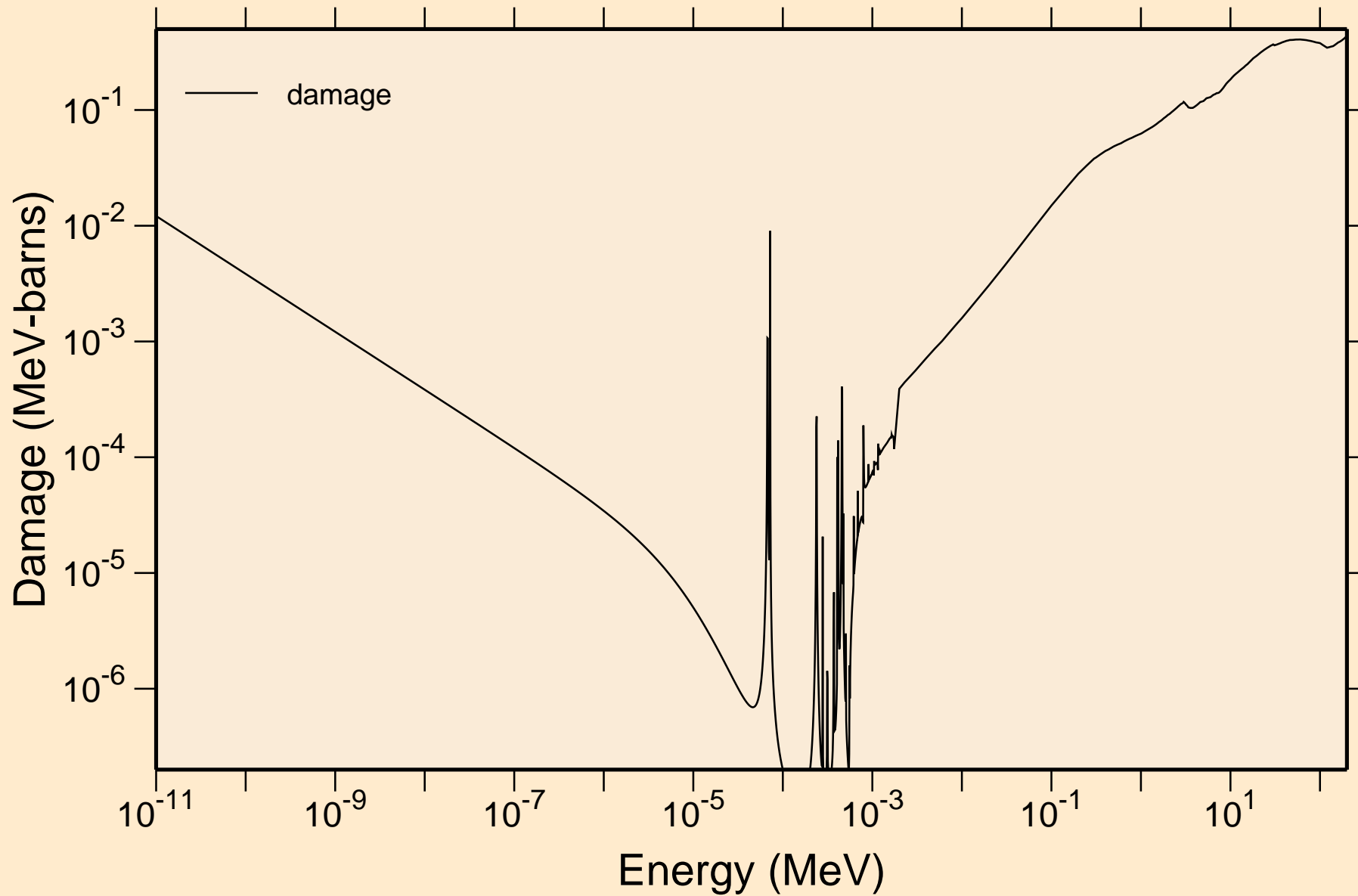
# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

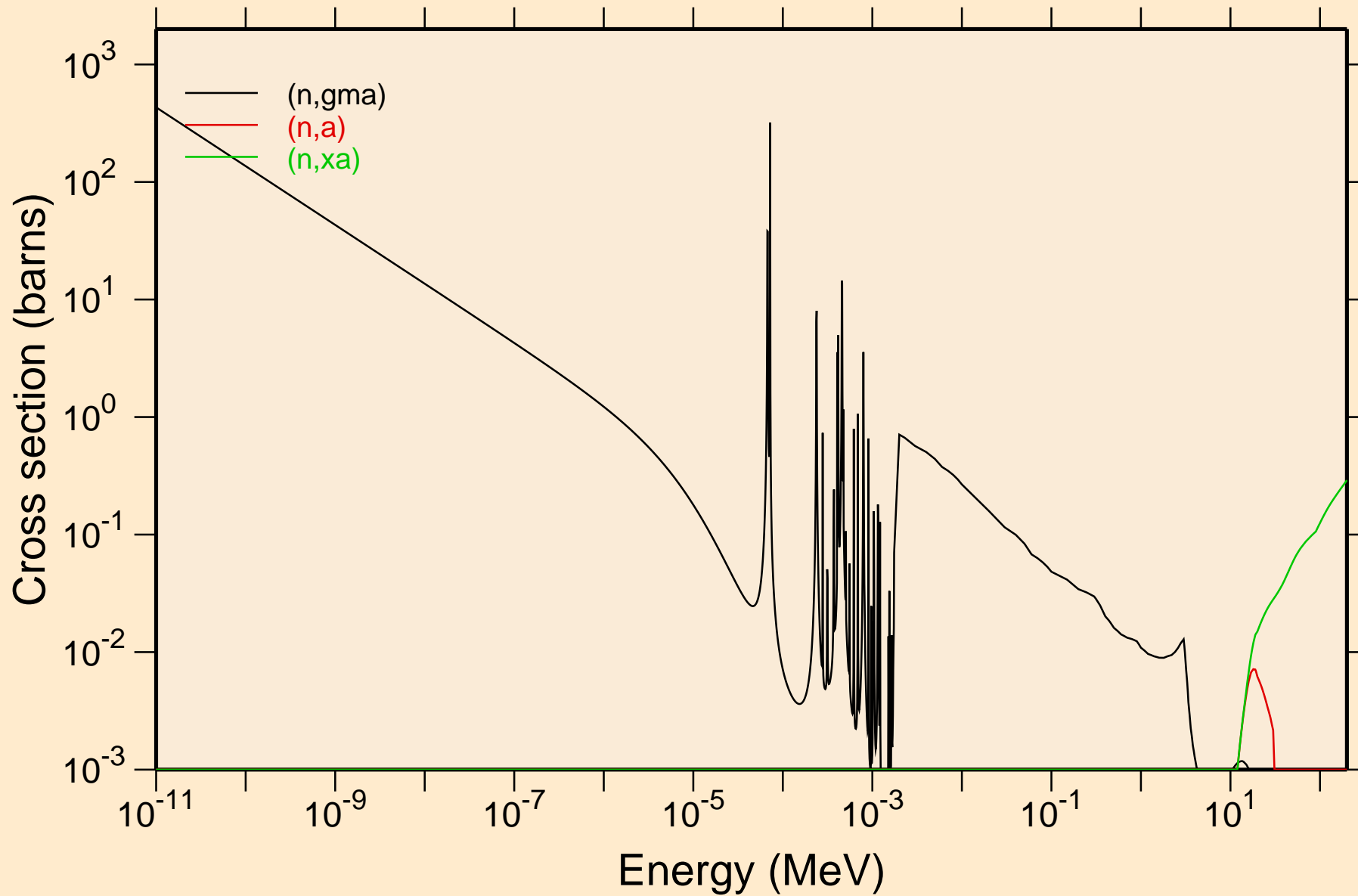


# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

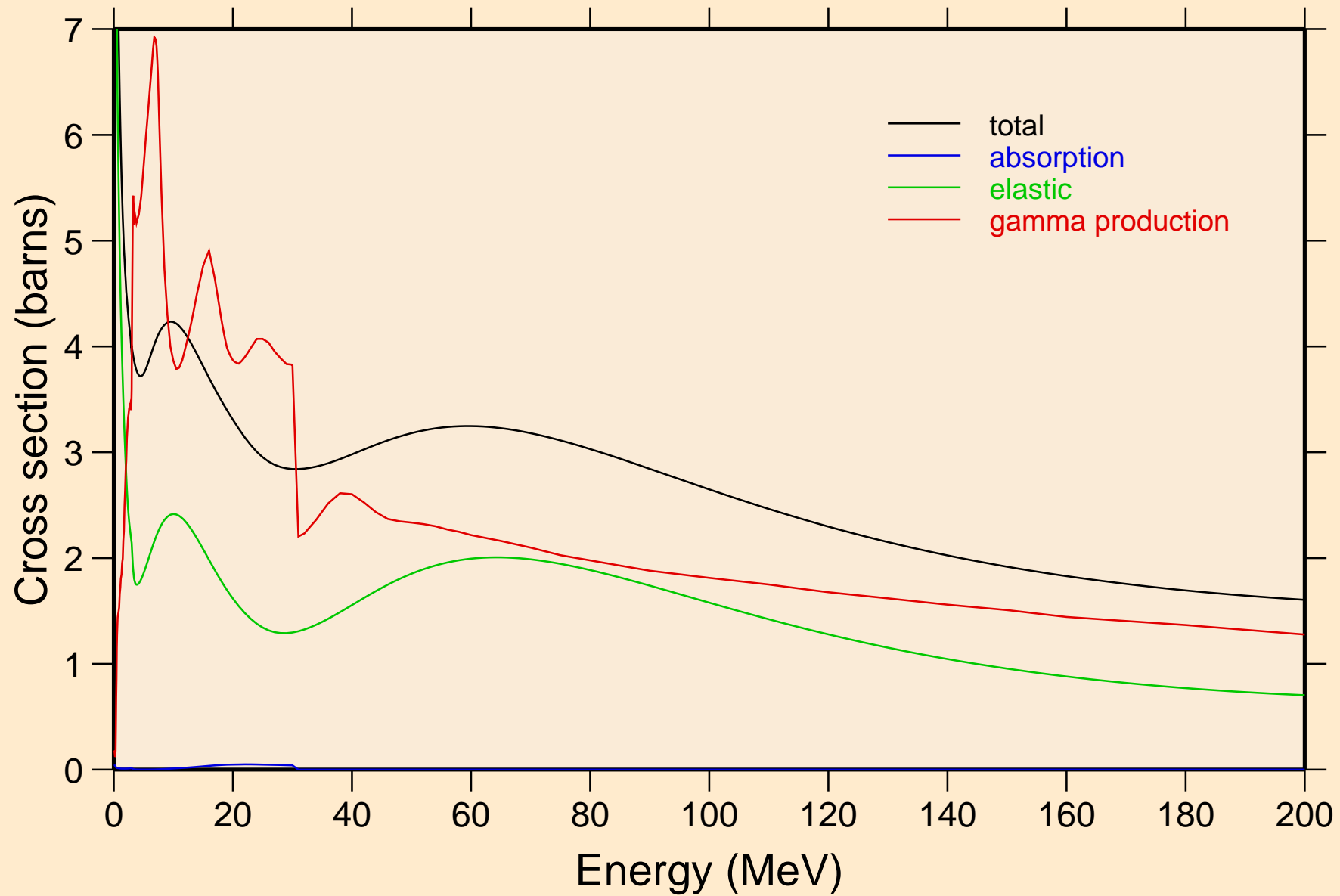


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



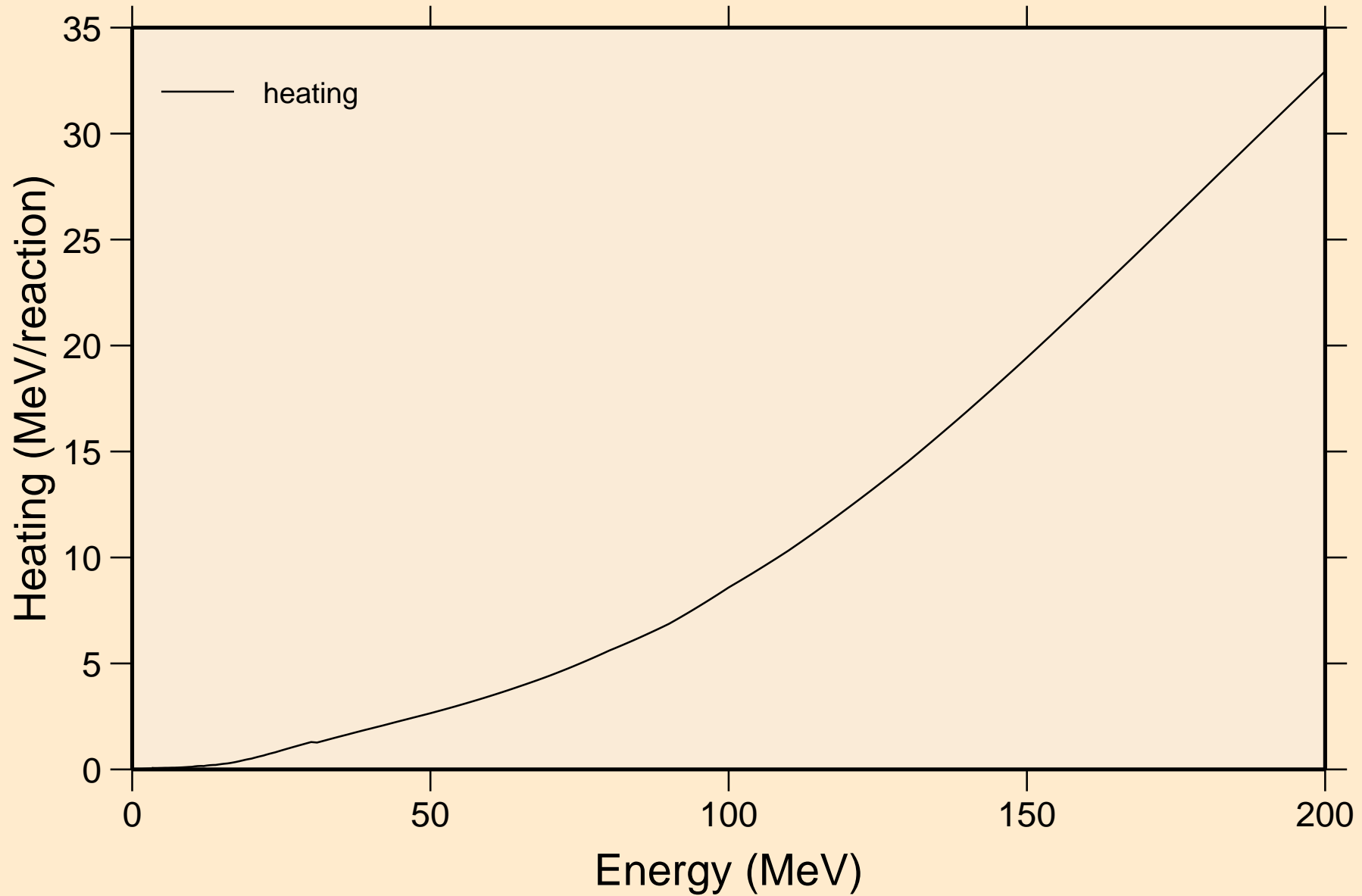
# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



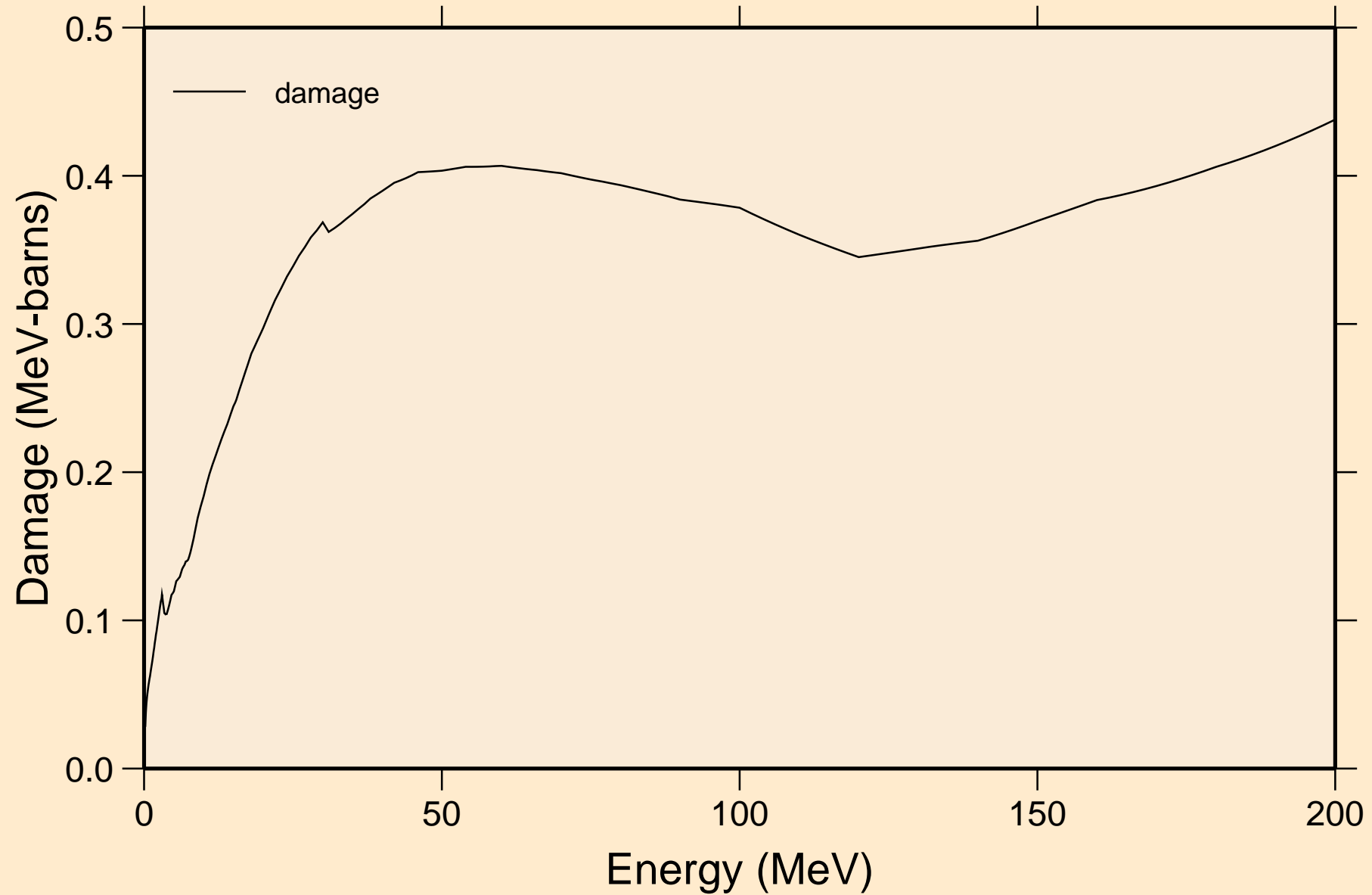
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

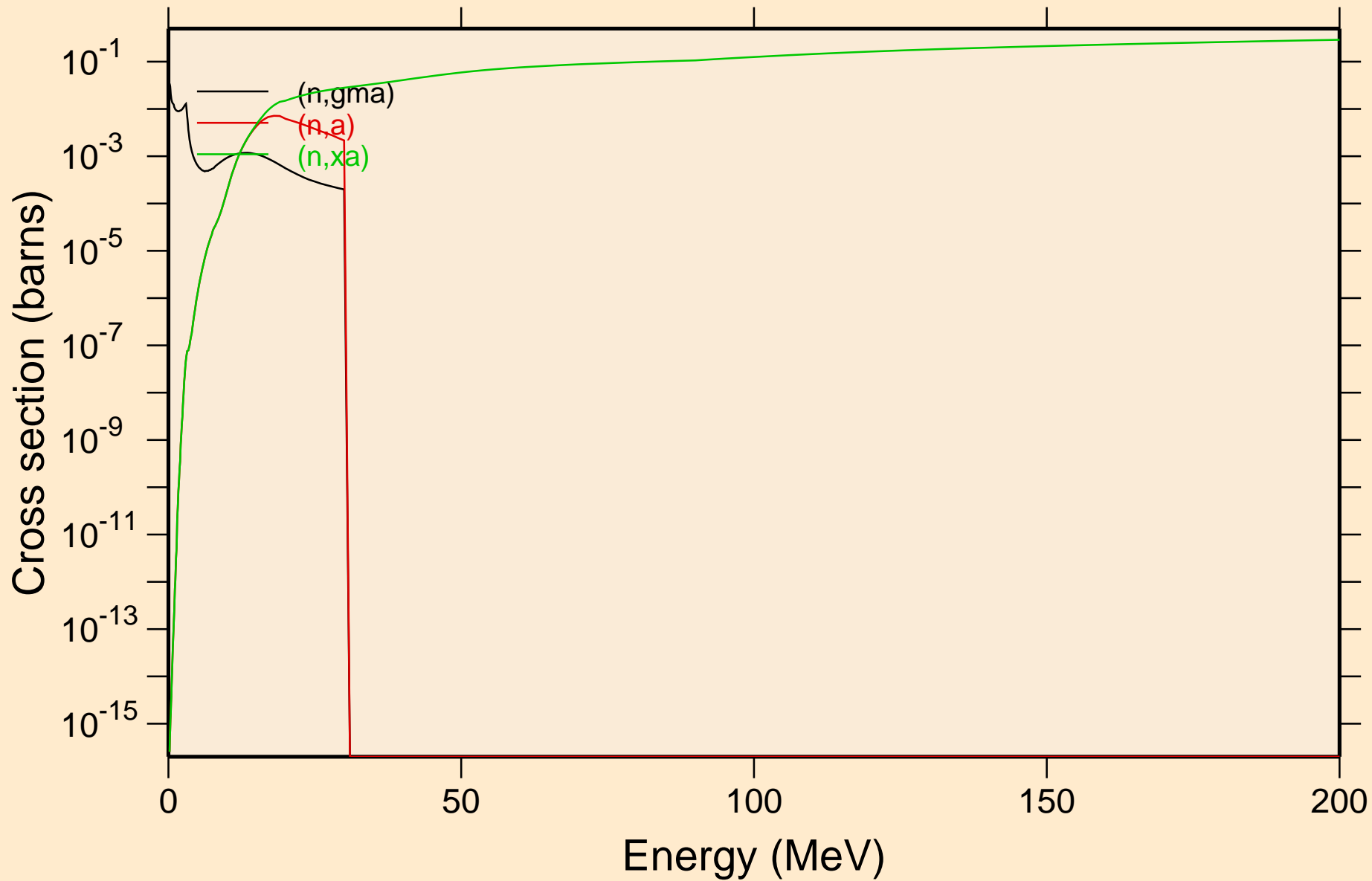


# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

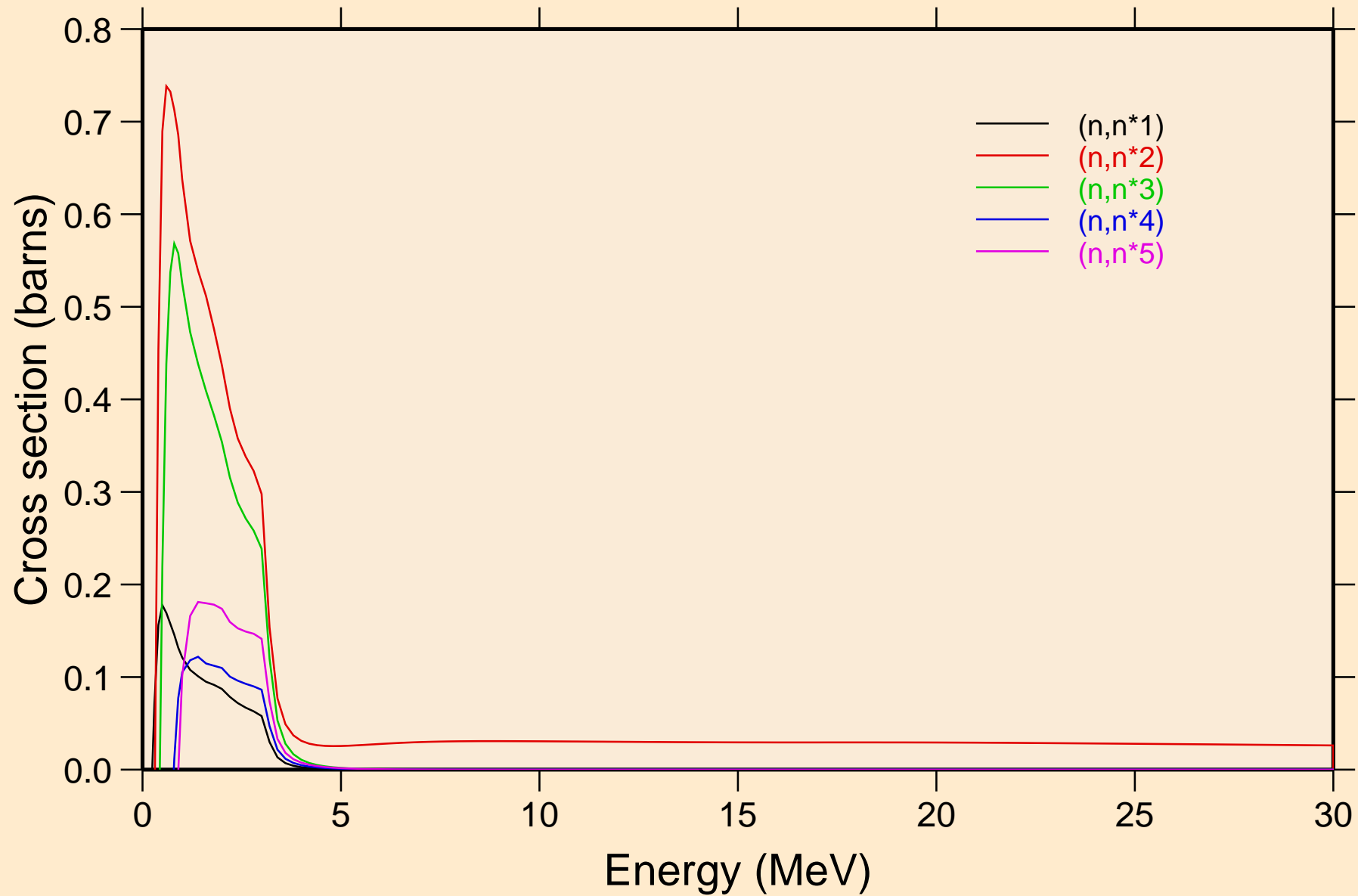


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

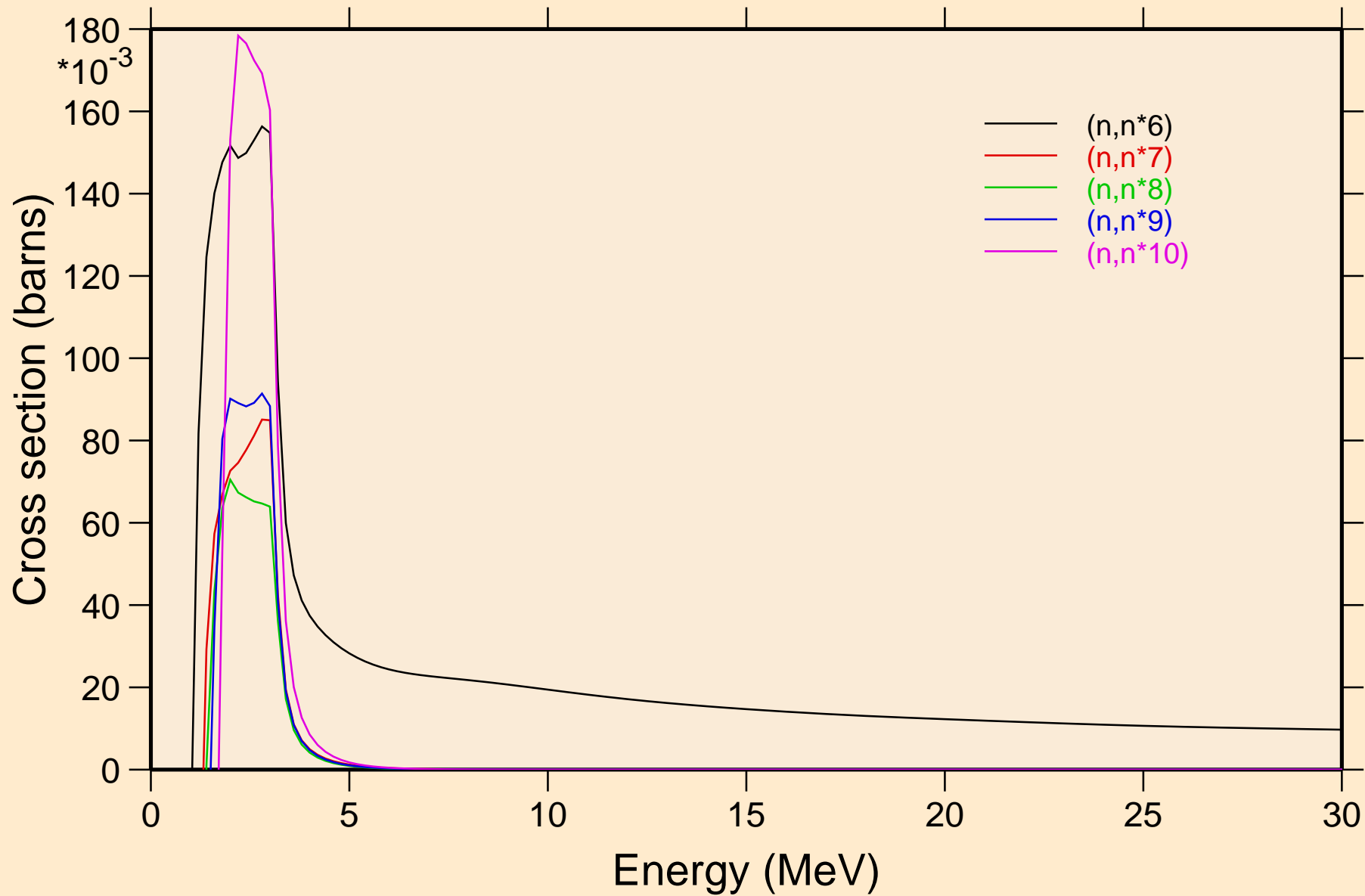




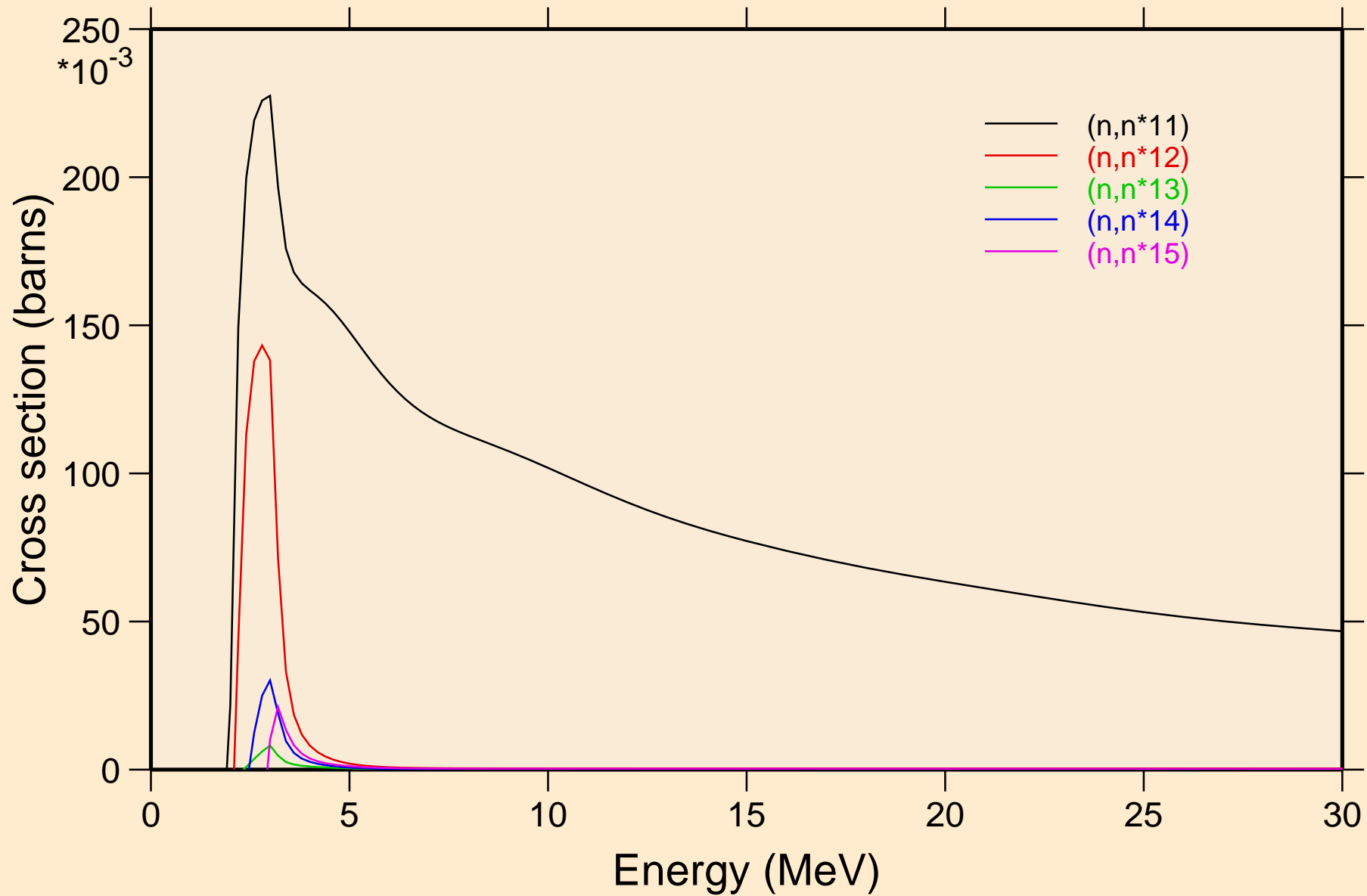
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



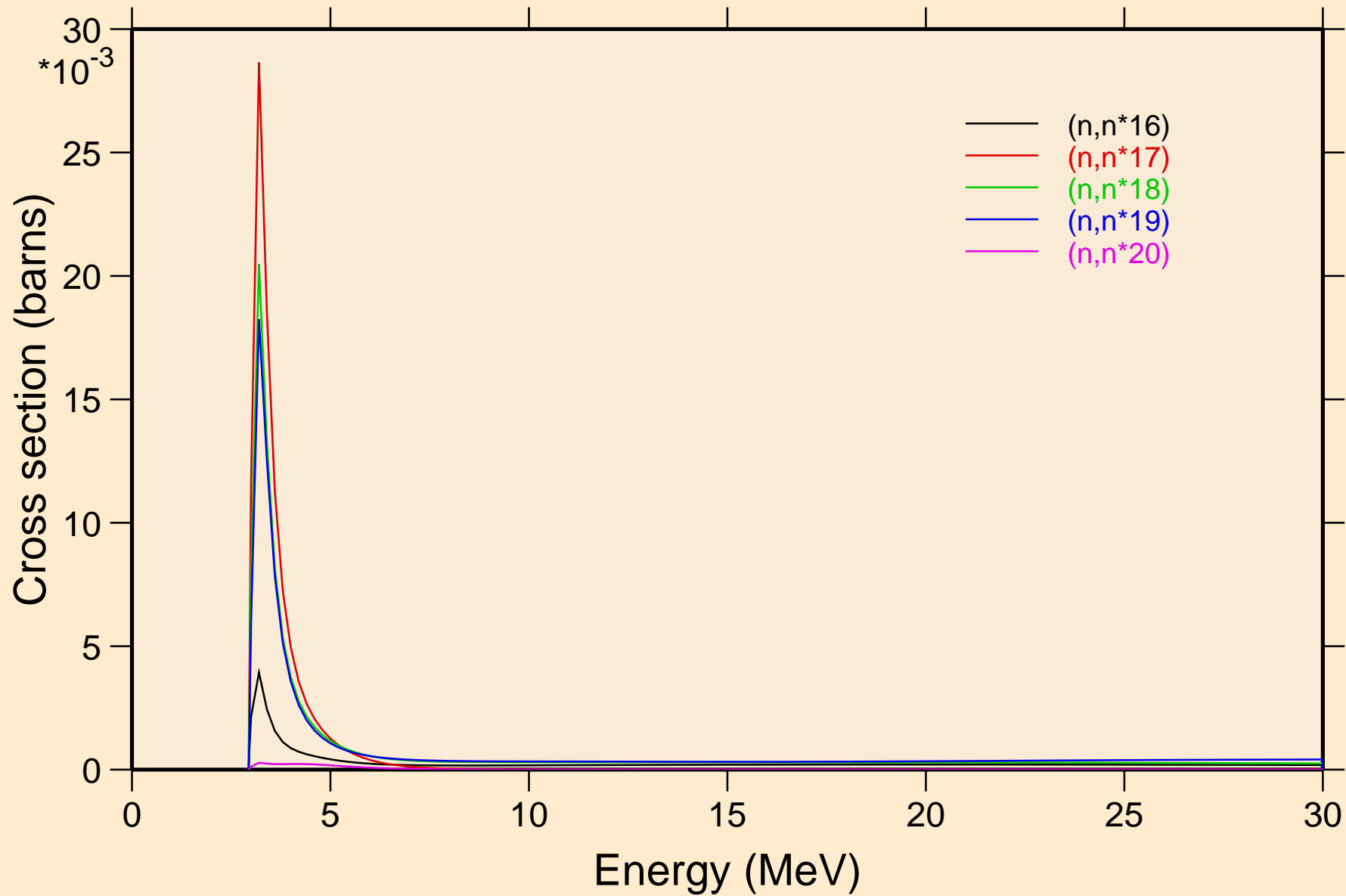
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



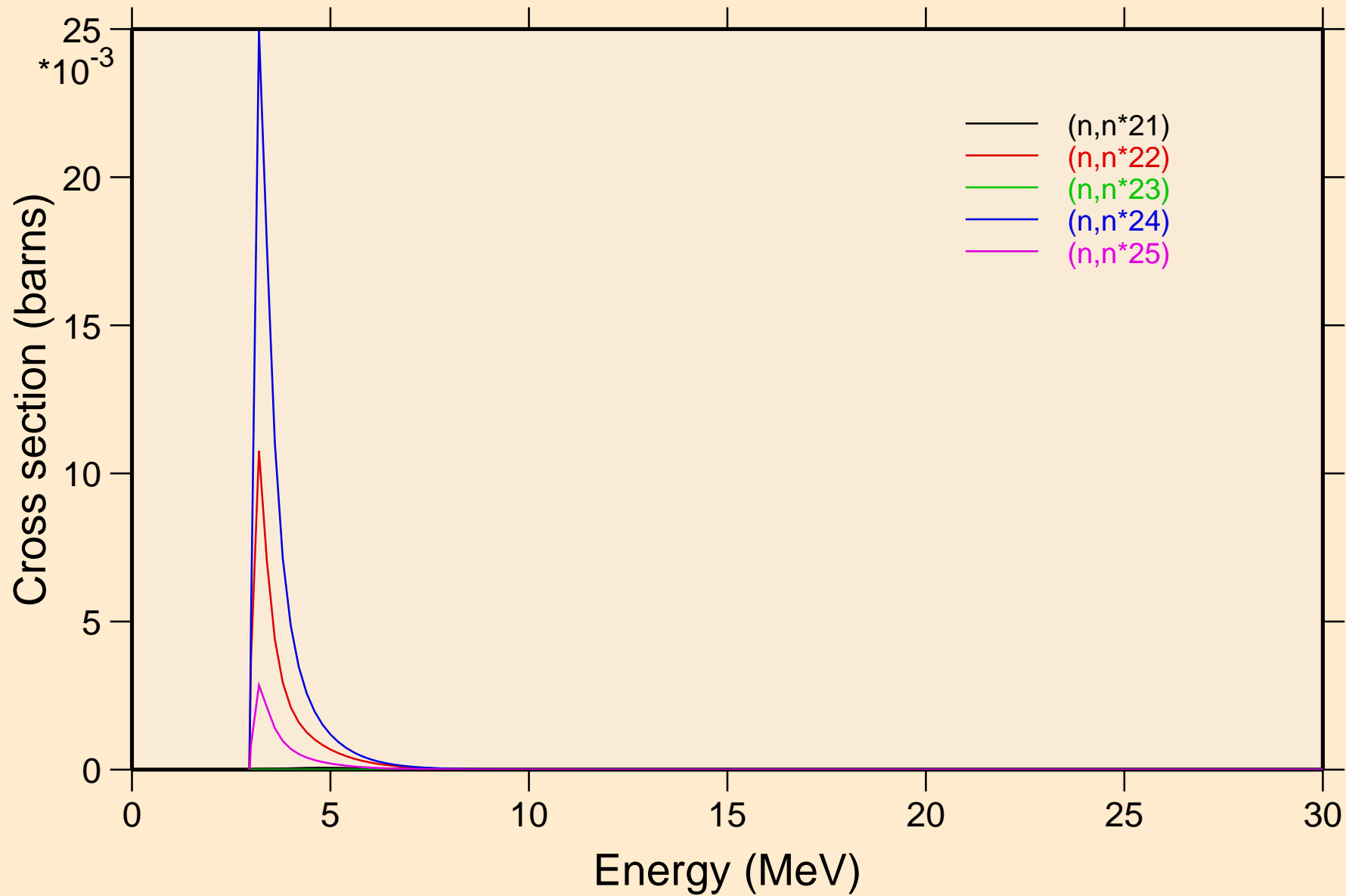
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



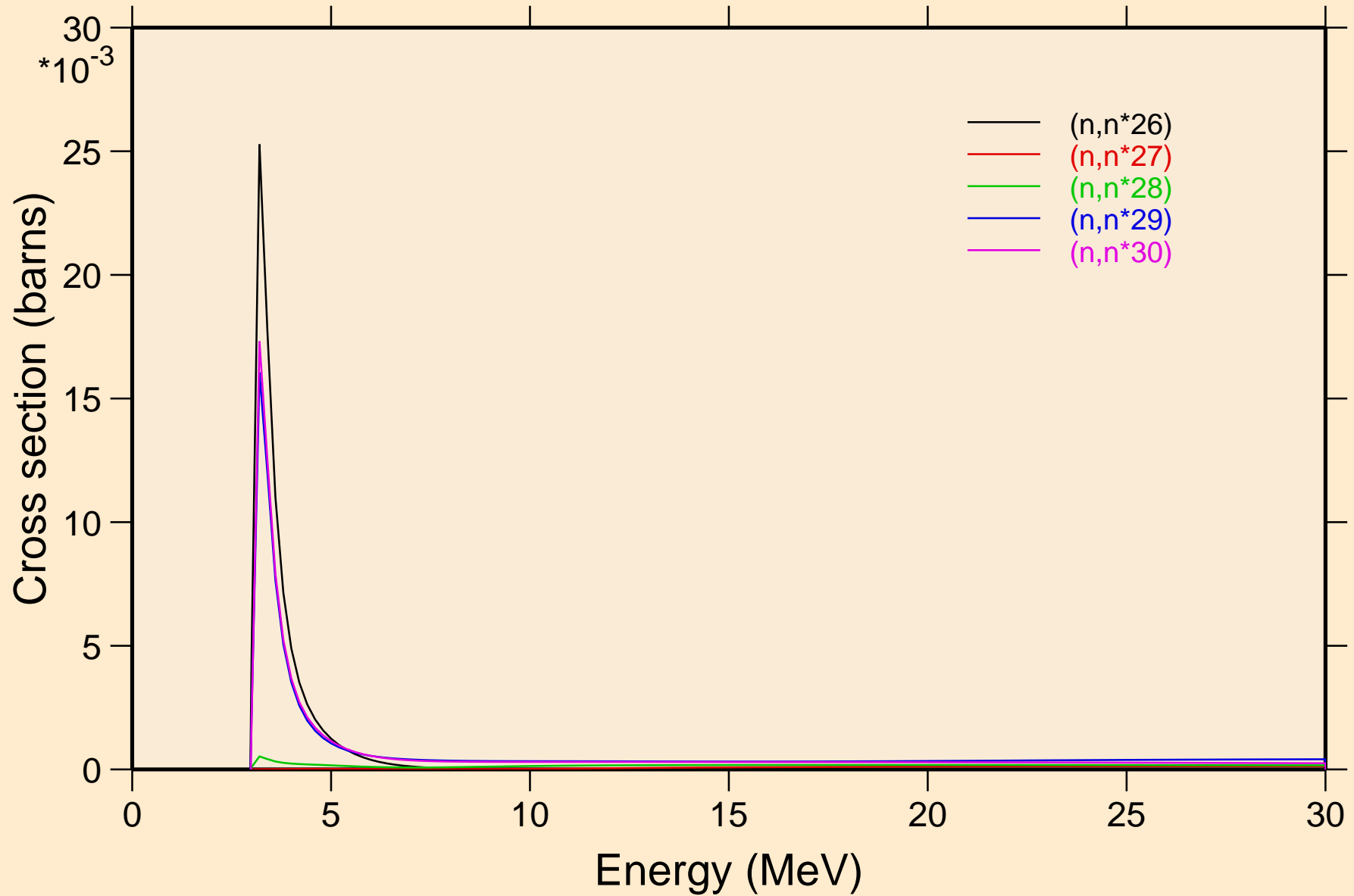
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

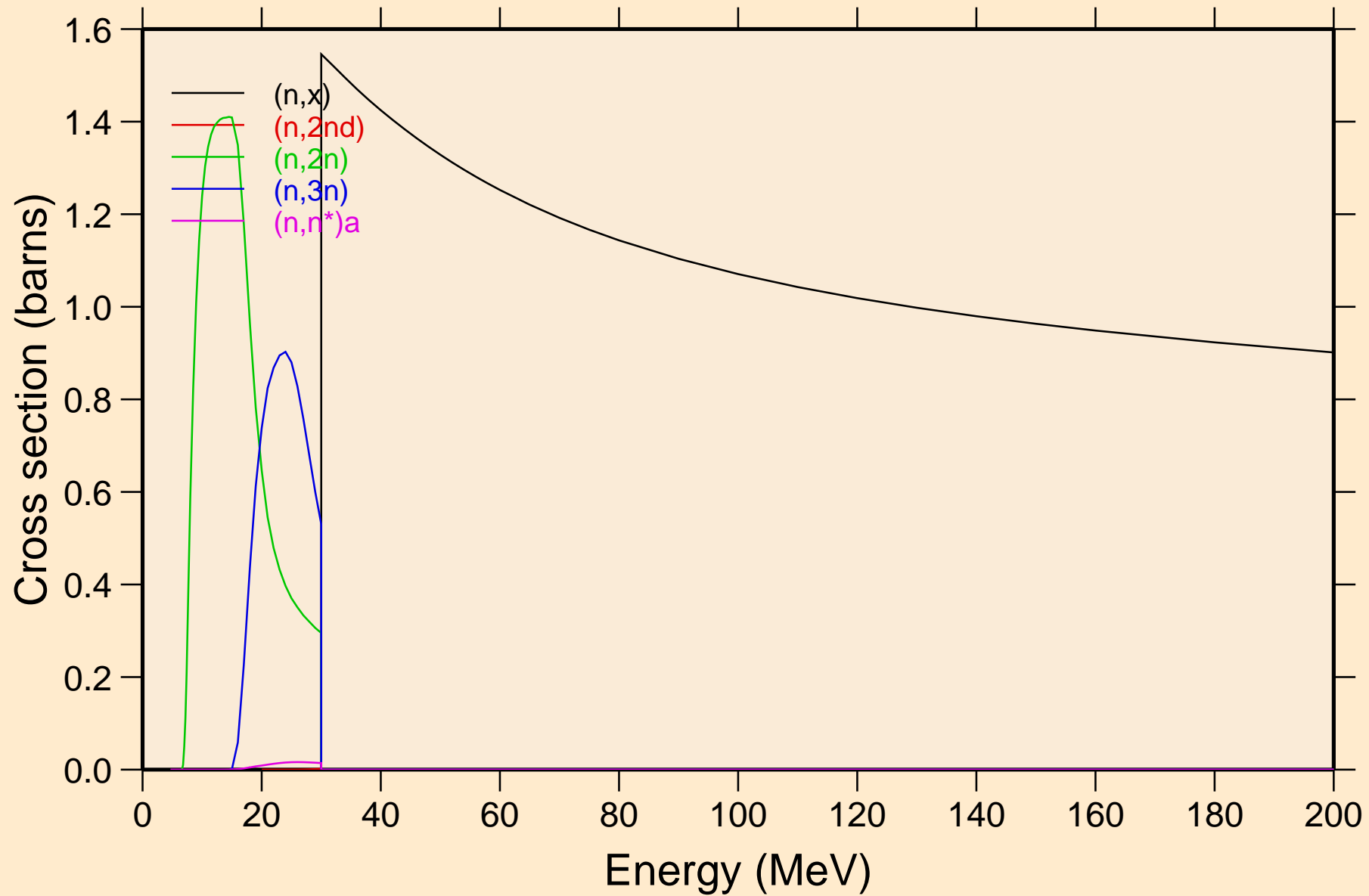


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

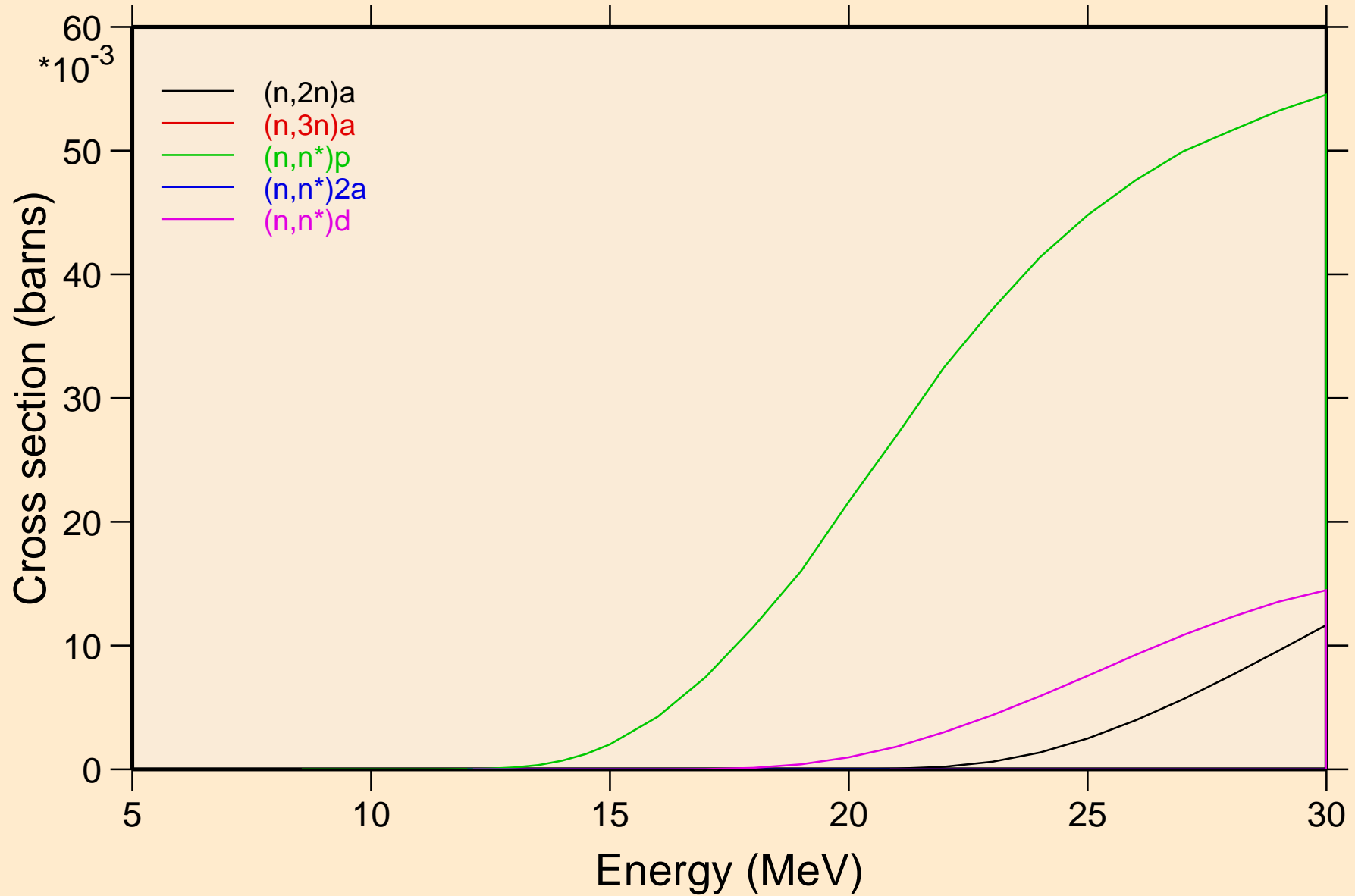


# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

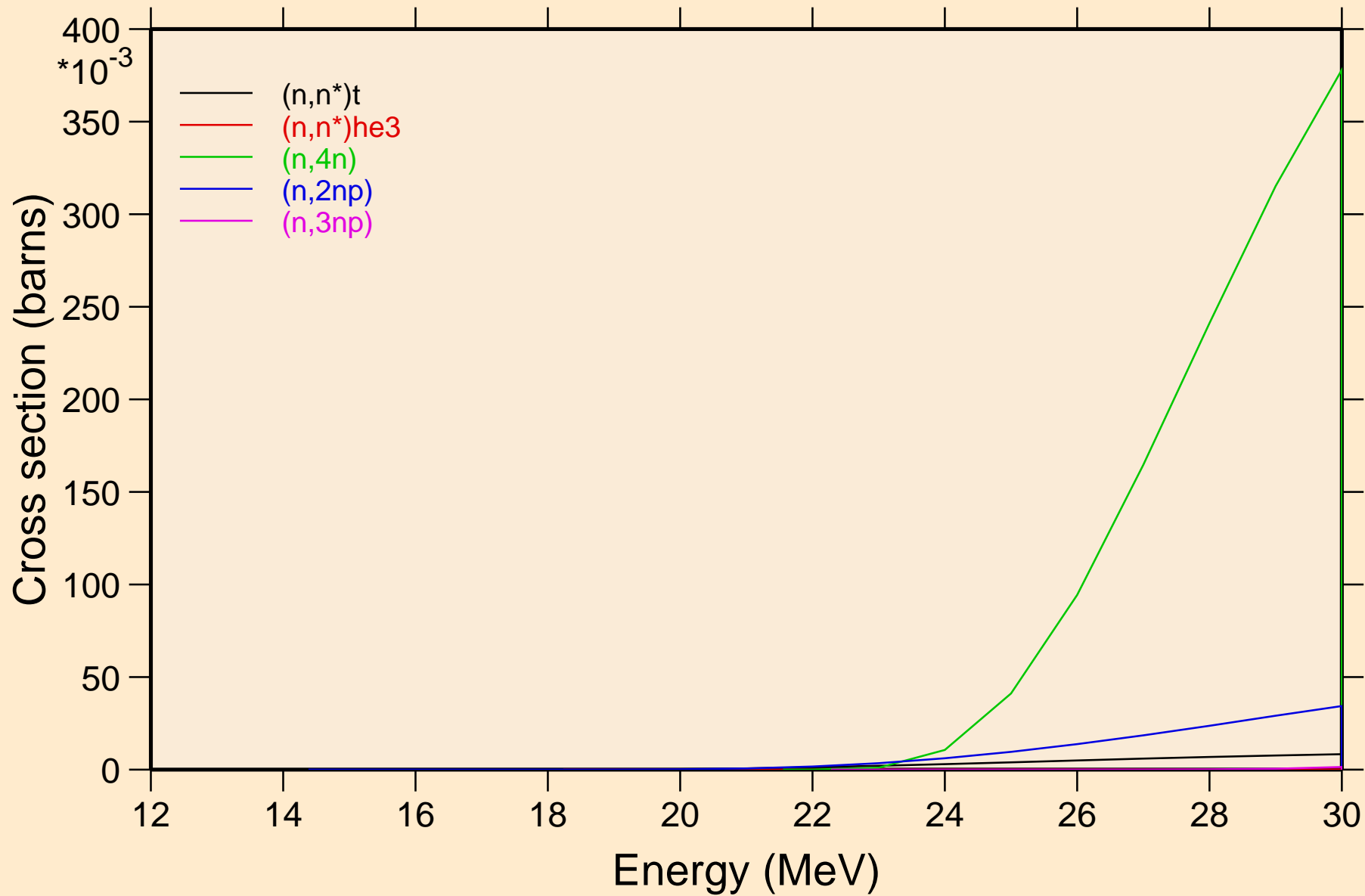


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



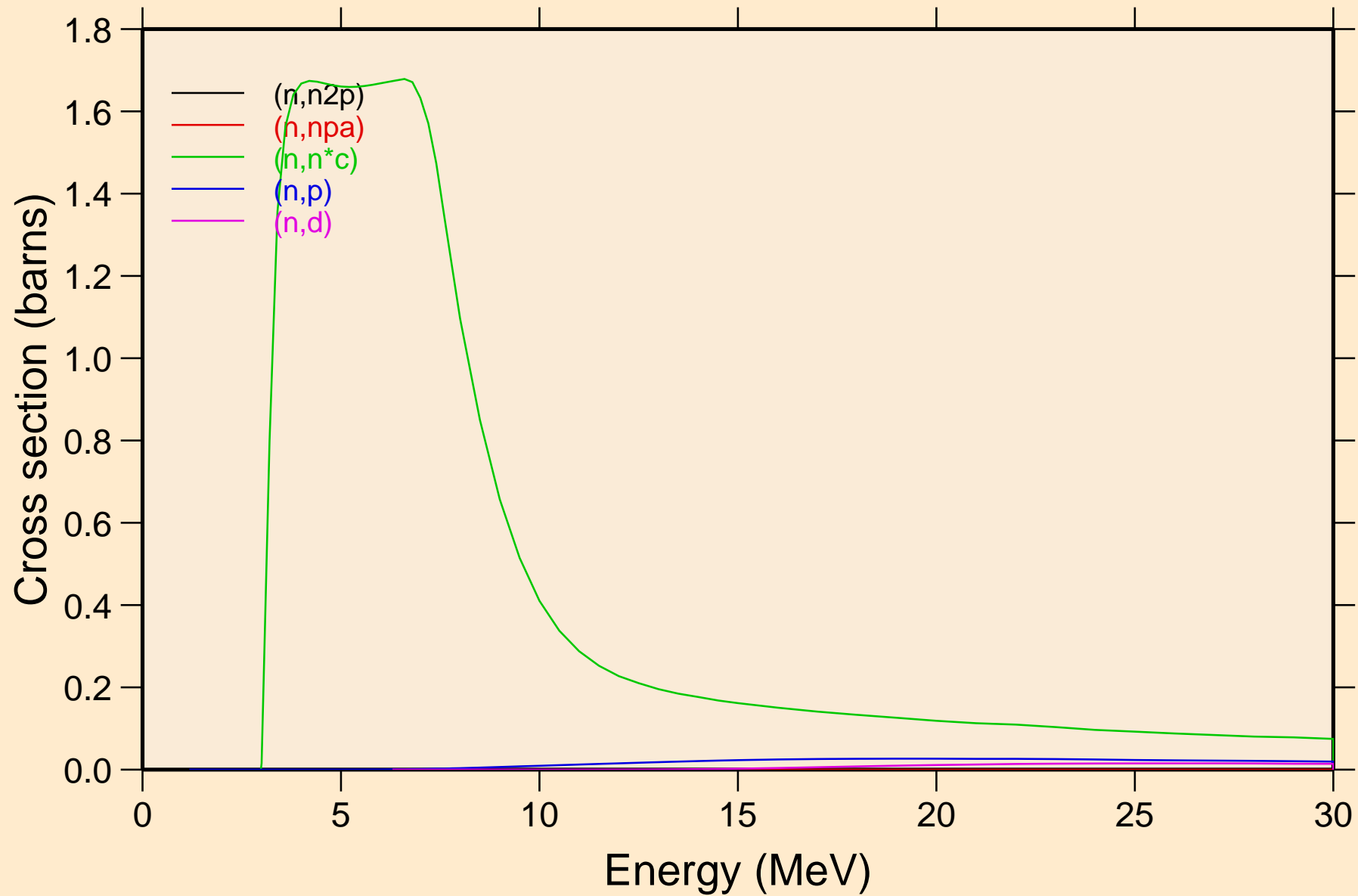


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

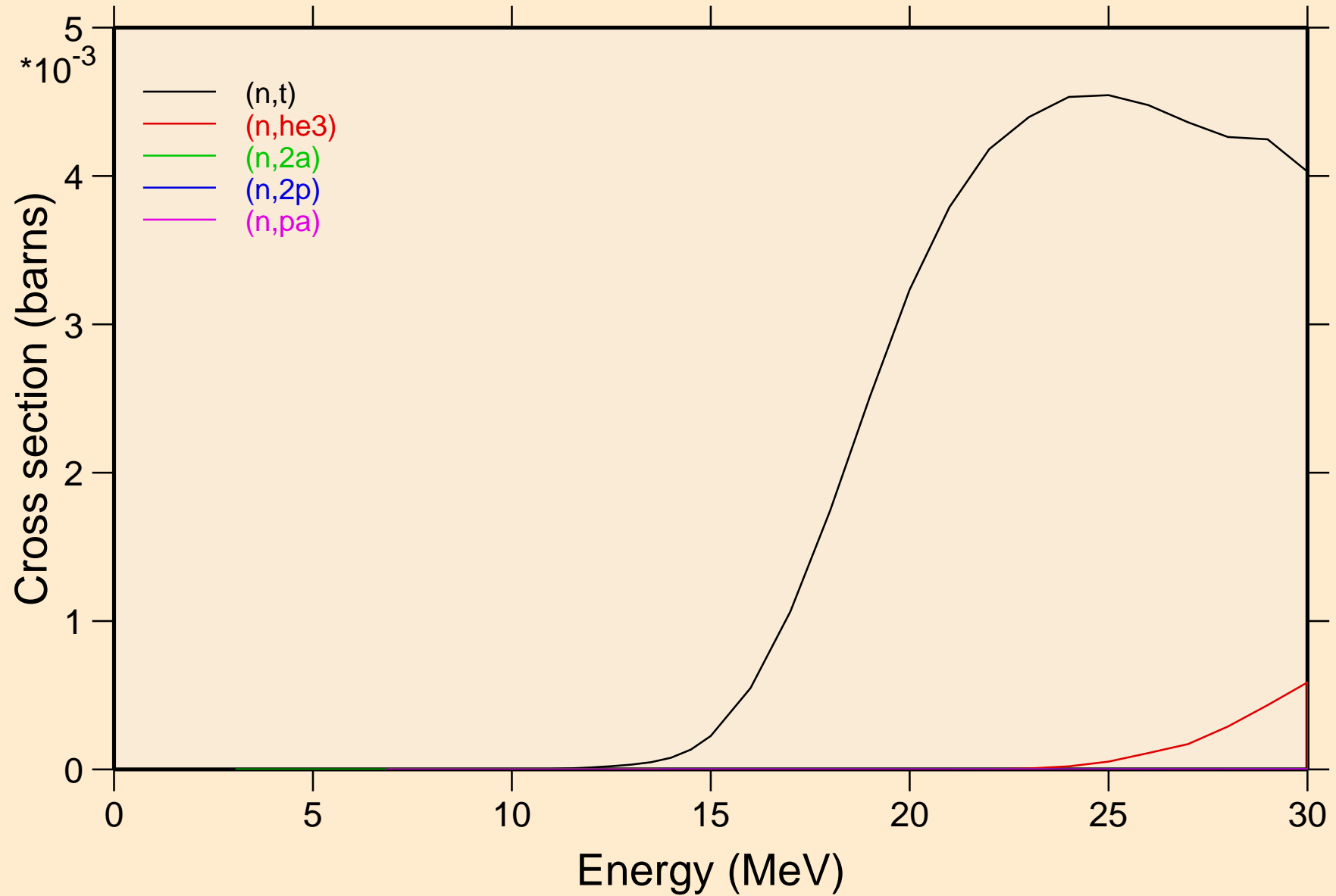


# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

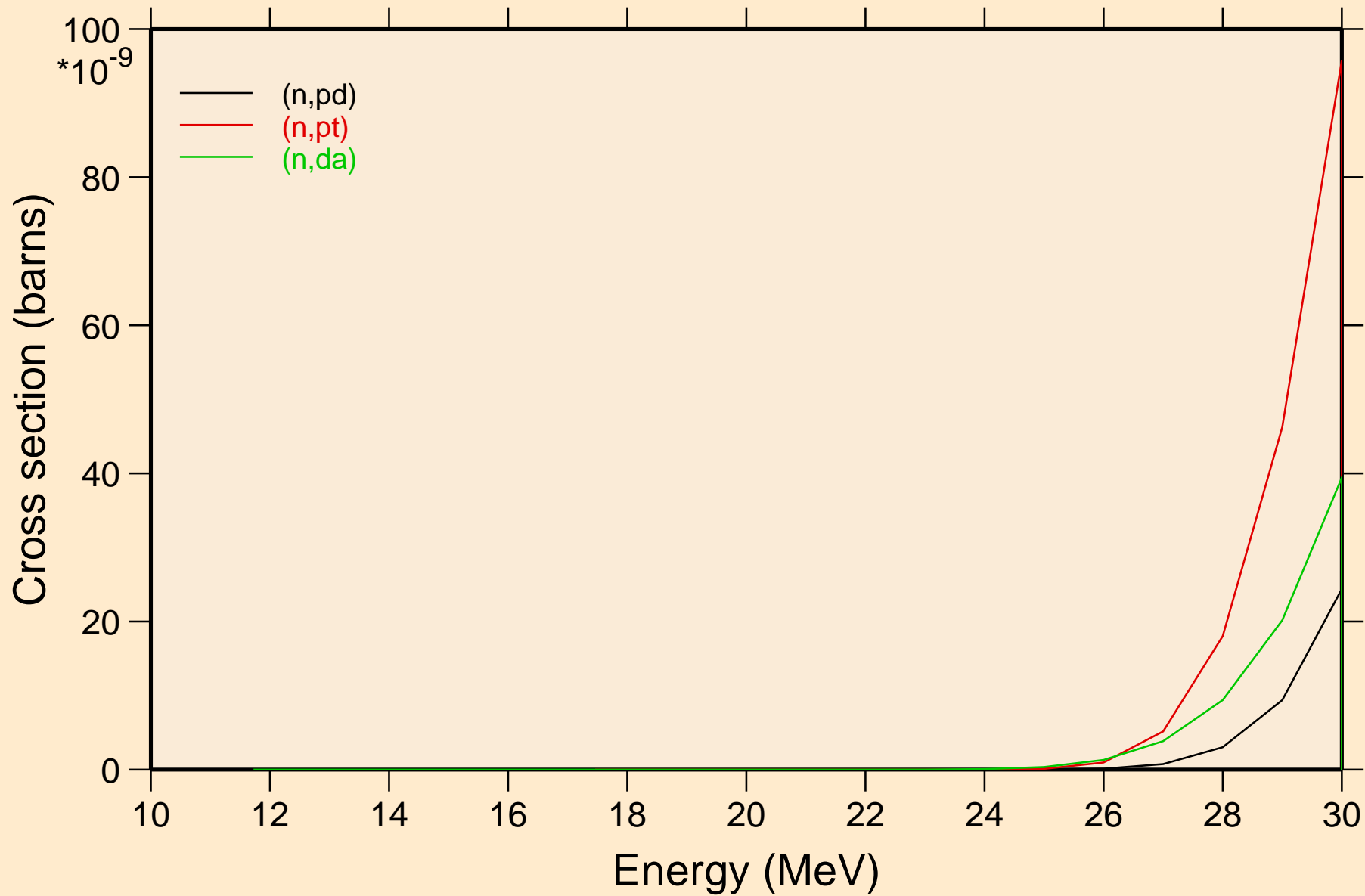
## Threshold reactions



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

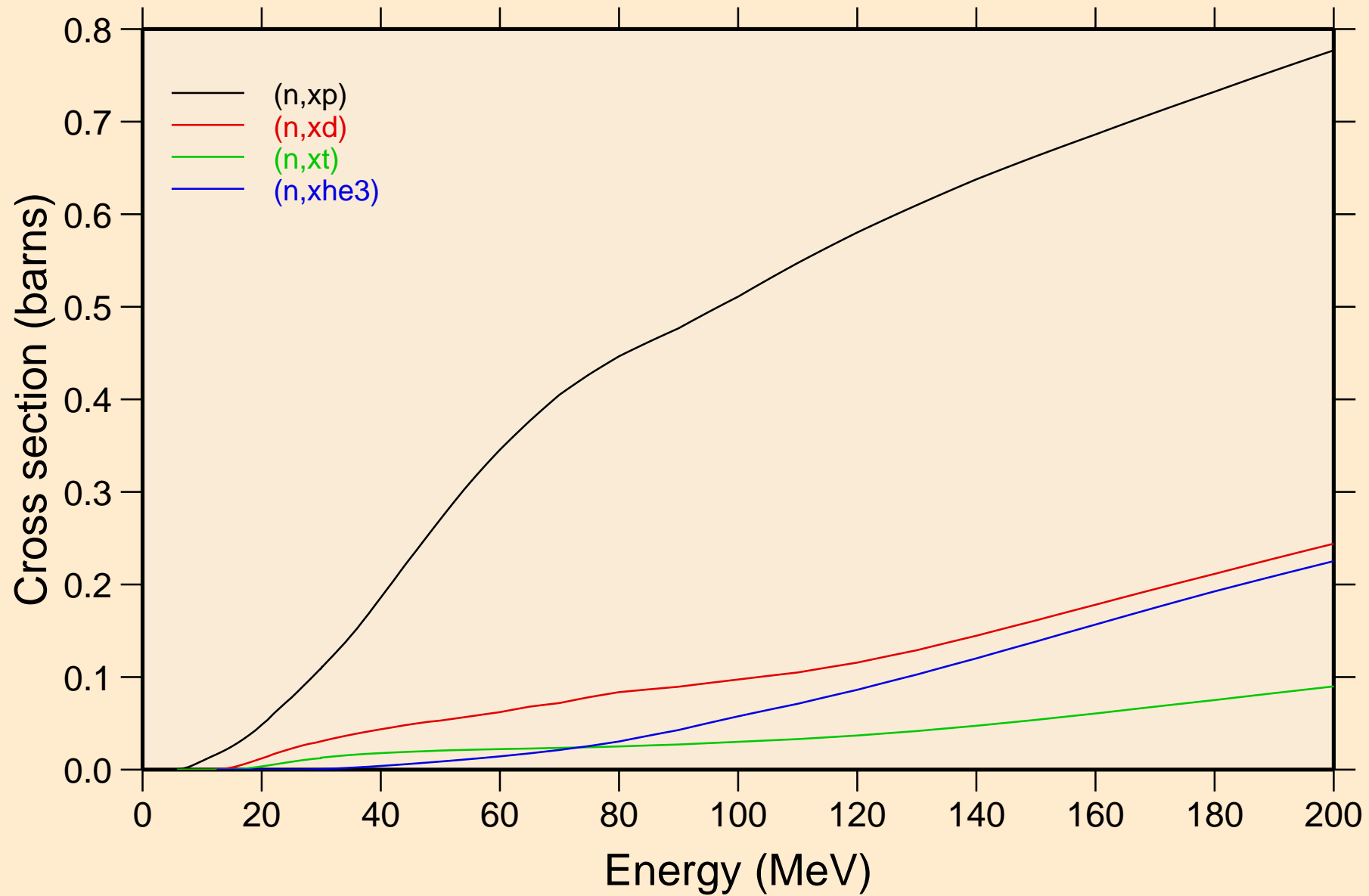


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

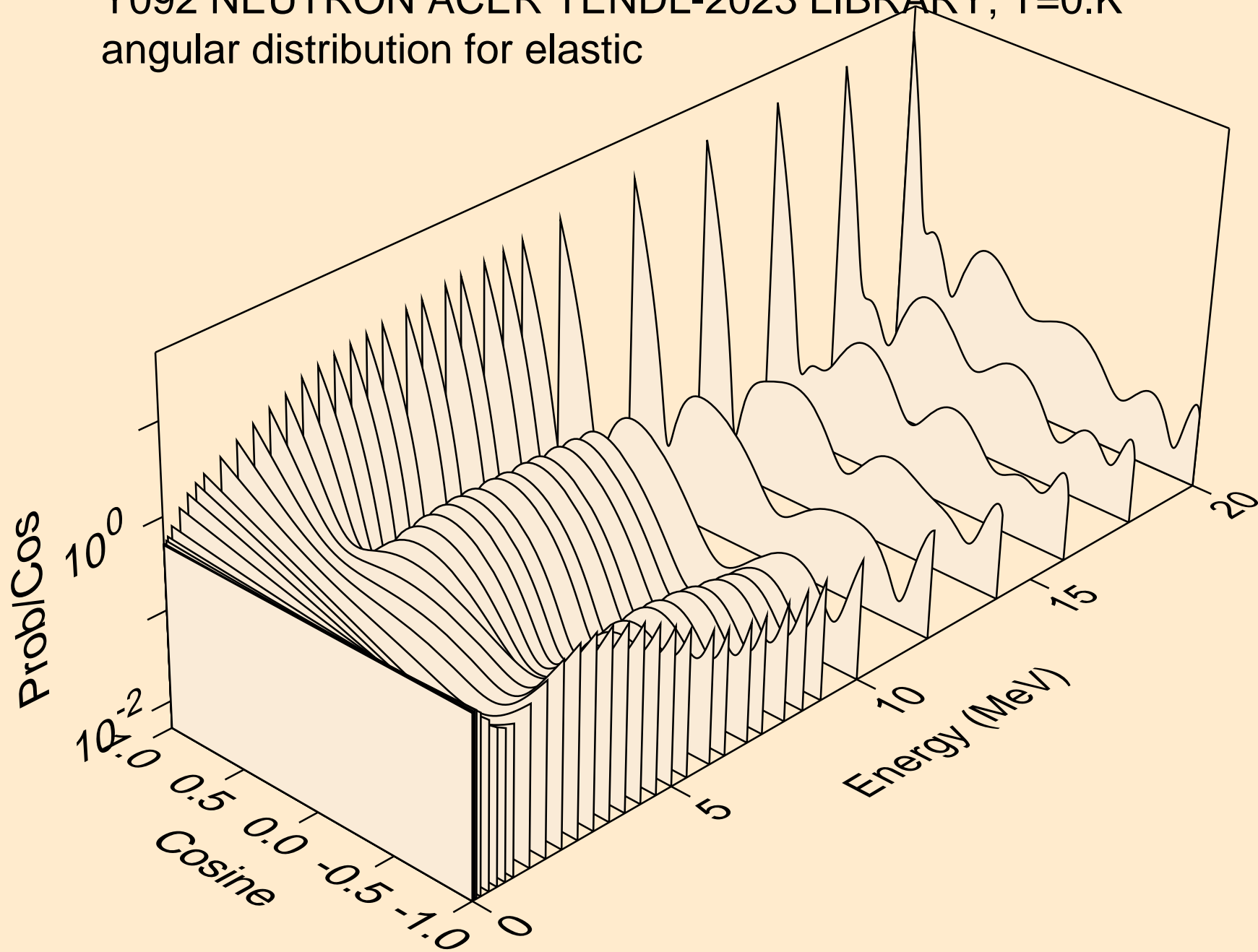


# Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

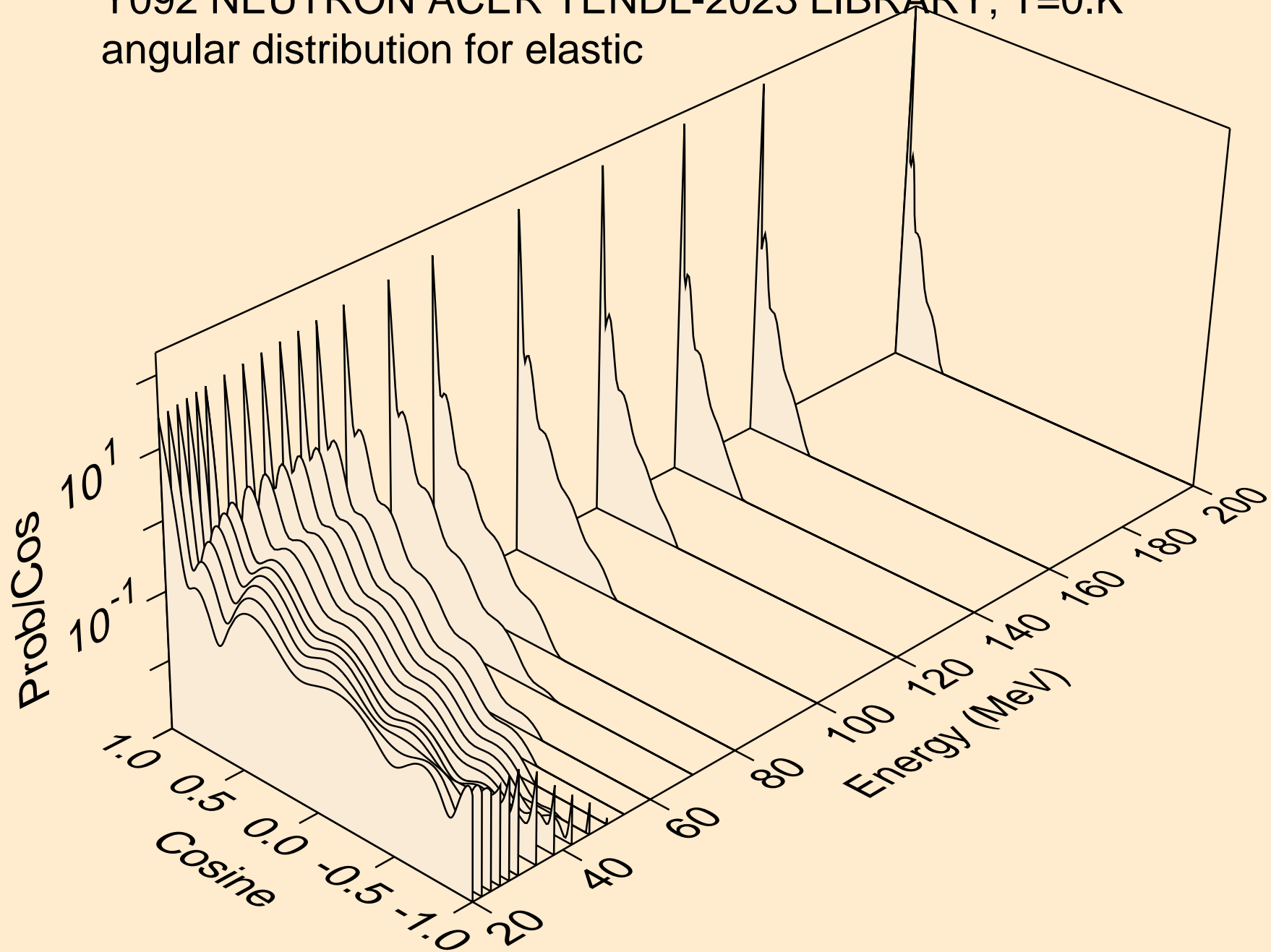
## Threshold reactions



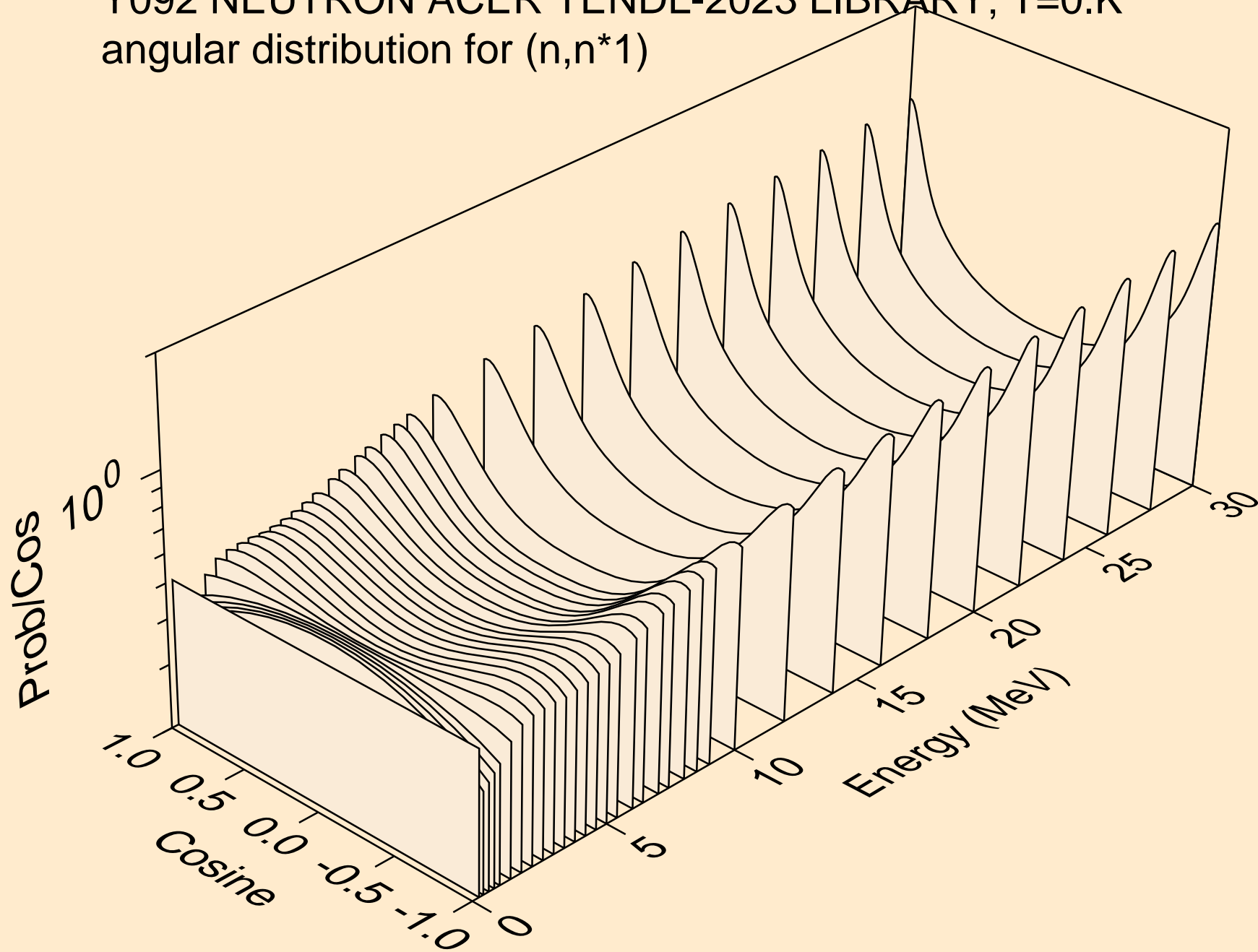
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

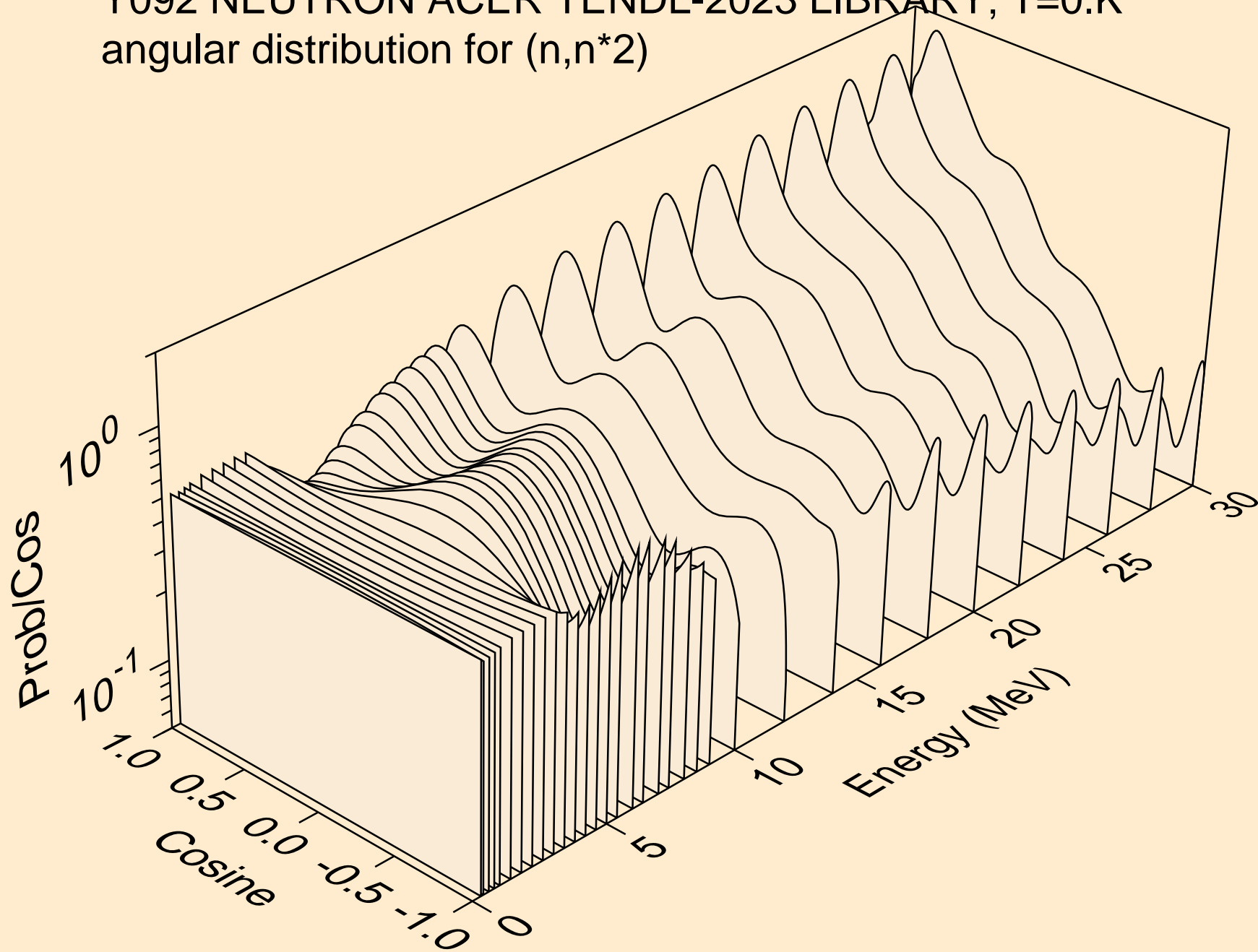


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

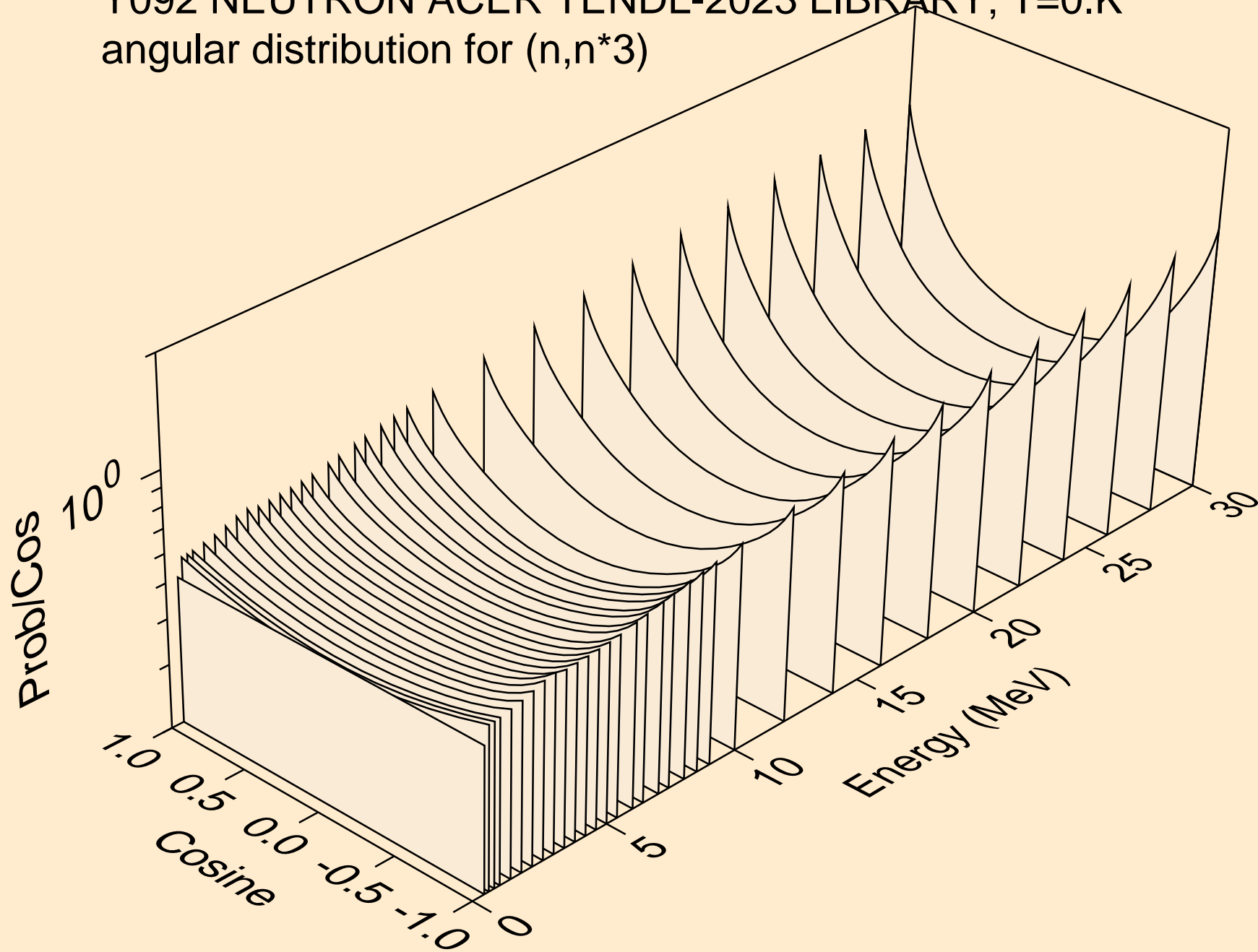




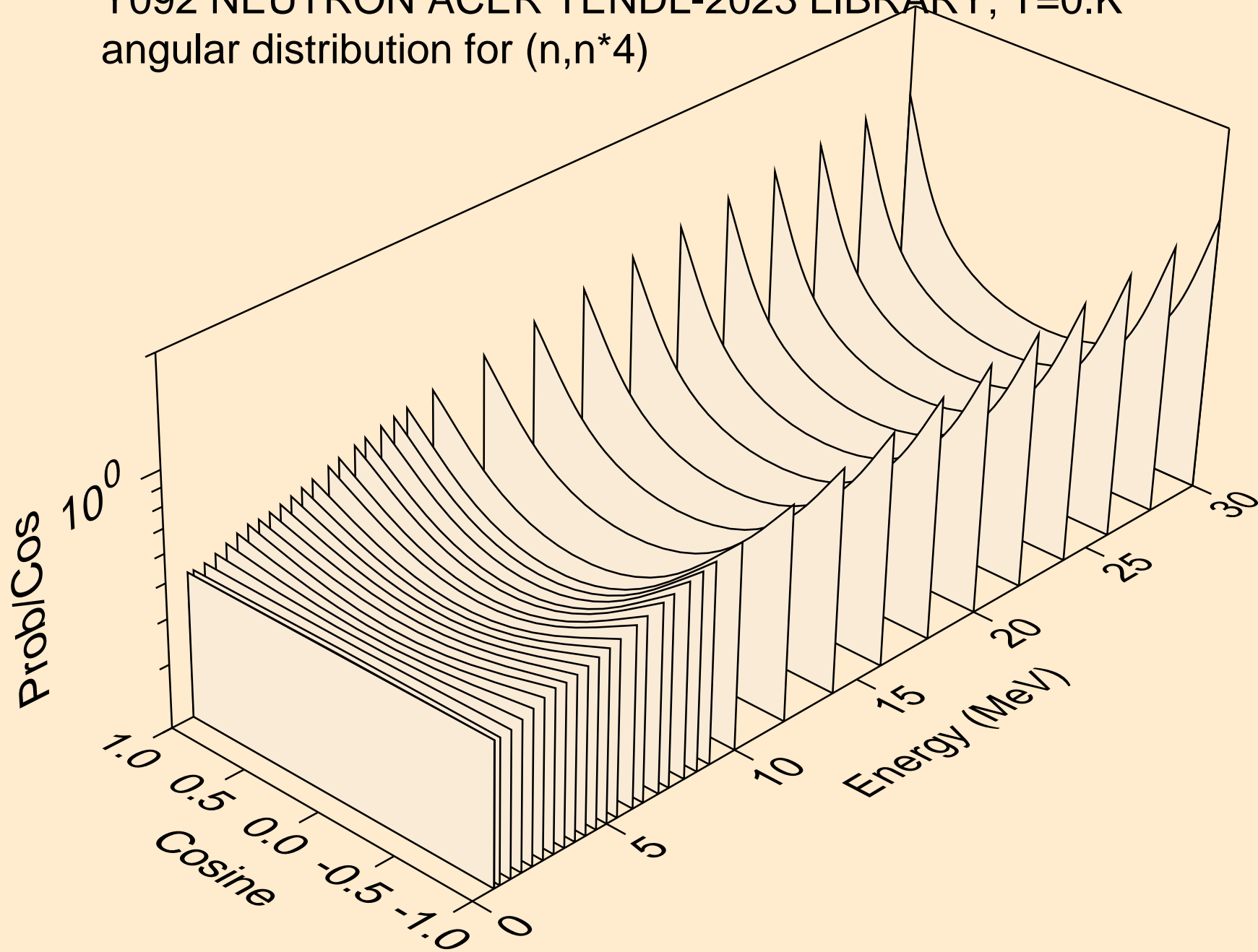
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angular distribution for (n,n\*2)



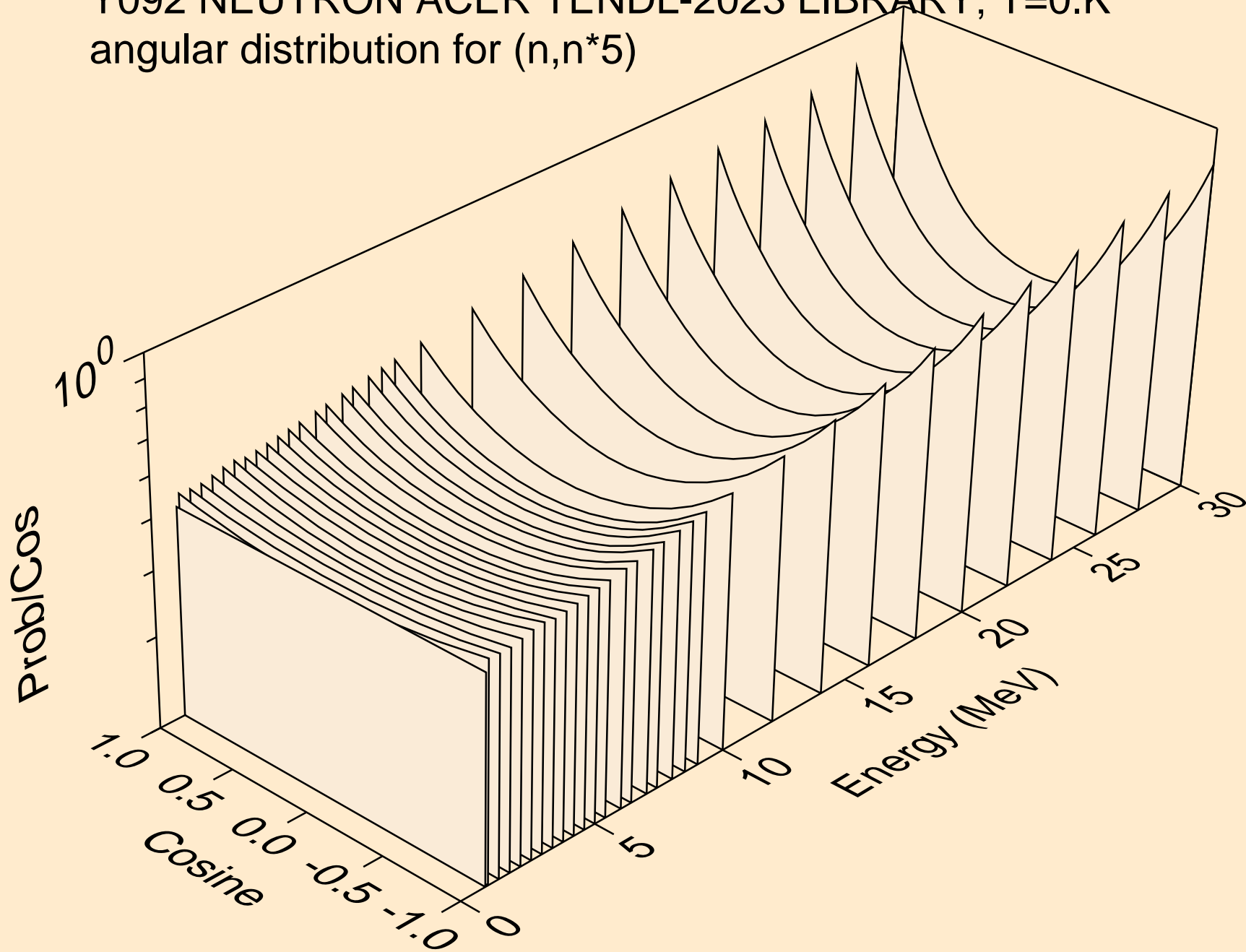
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angular distribution for (n,n\*3)



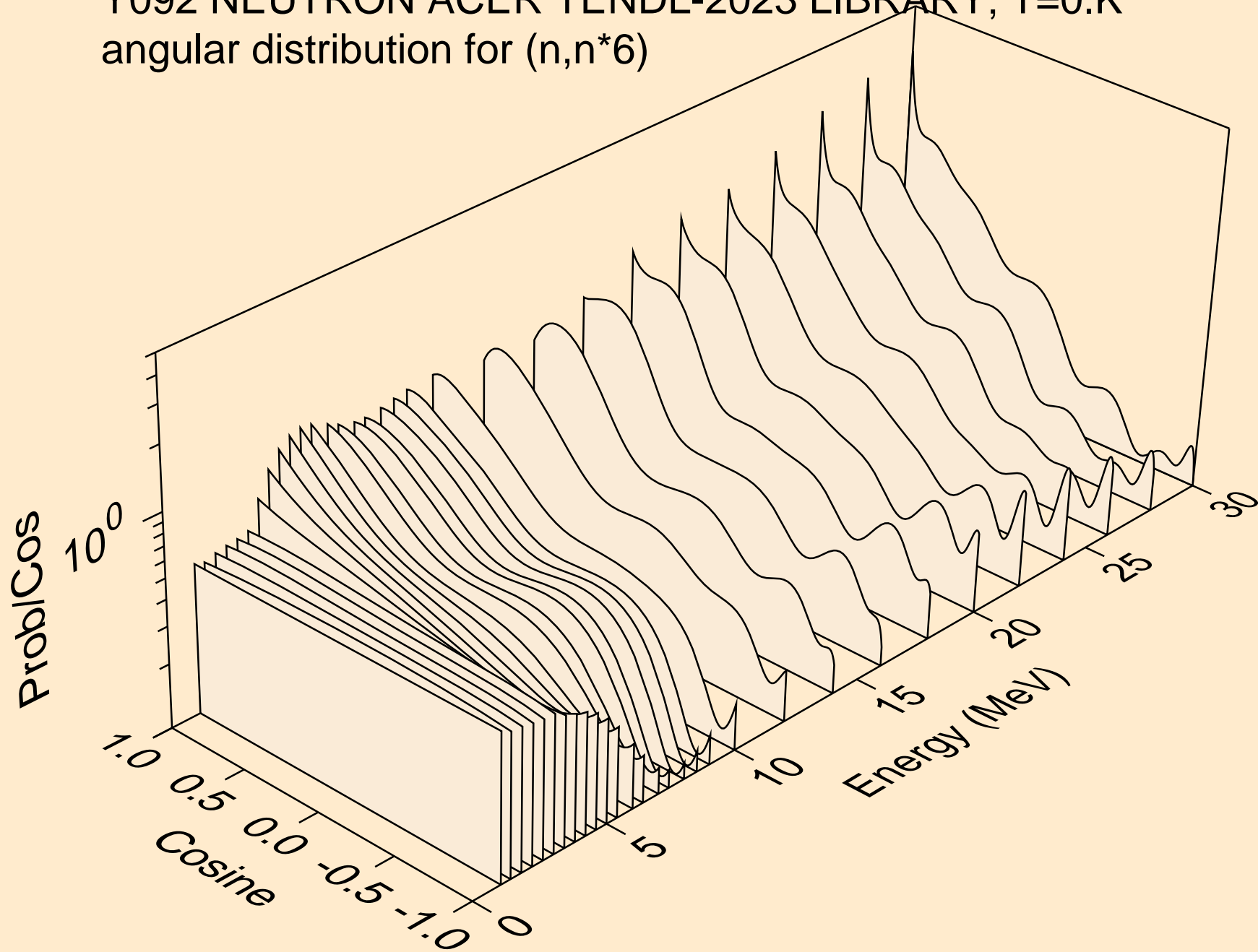
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angular distribution for (n,n\*4)



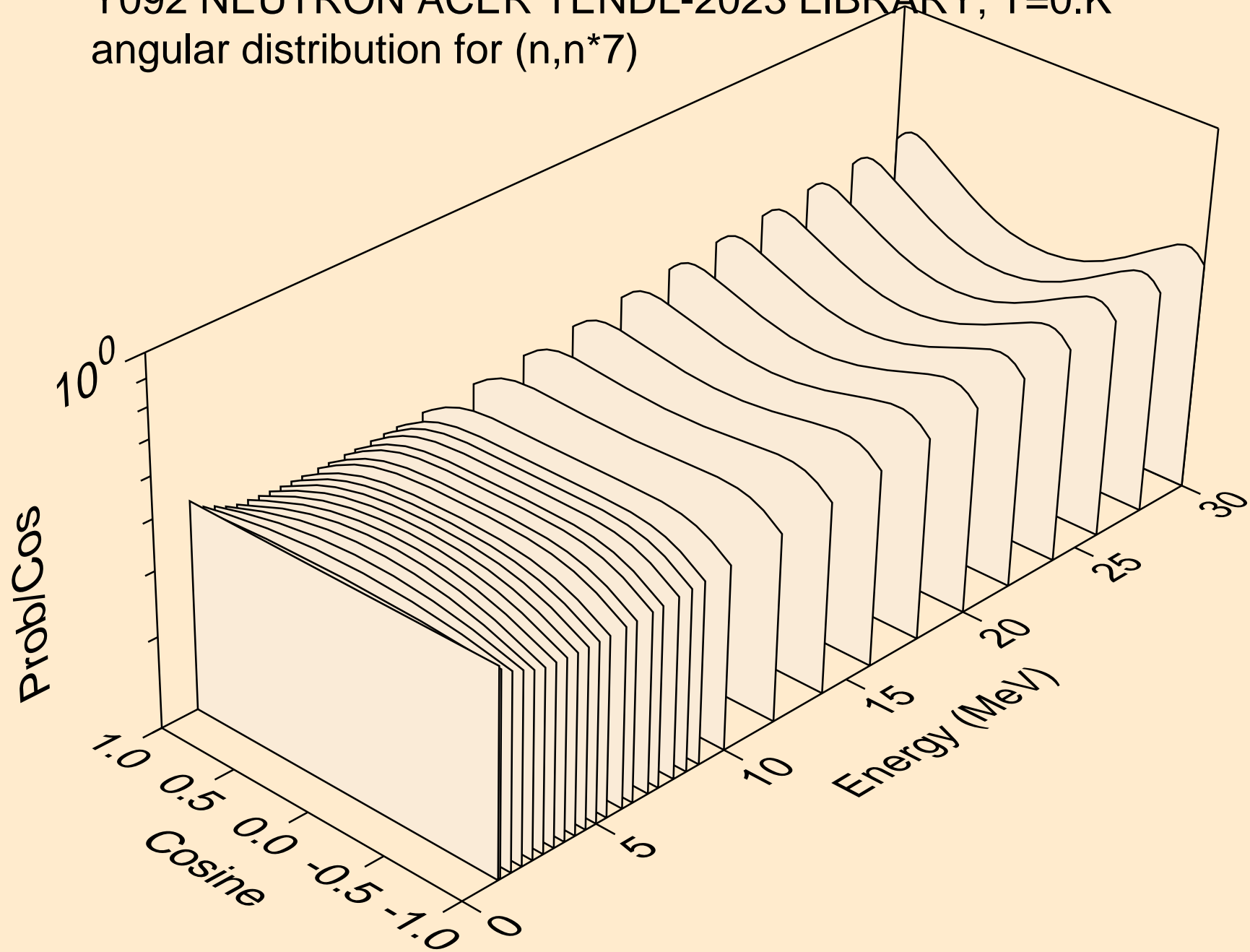
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angular distribution for (n,n\*5)



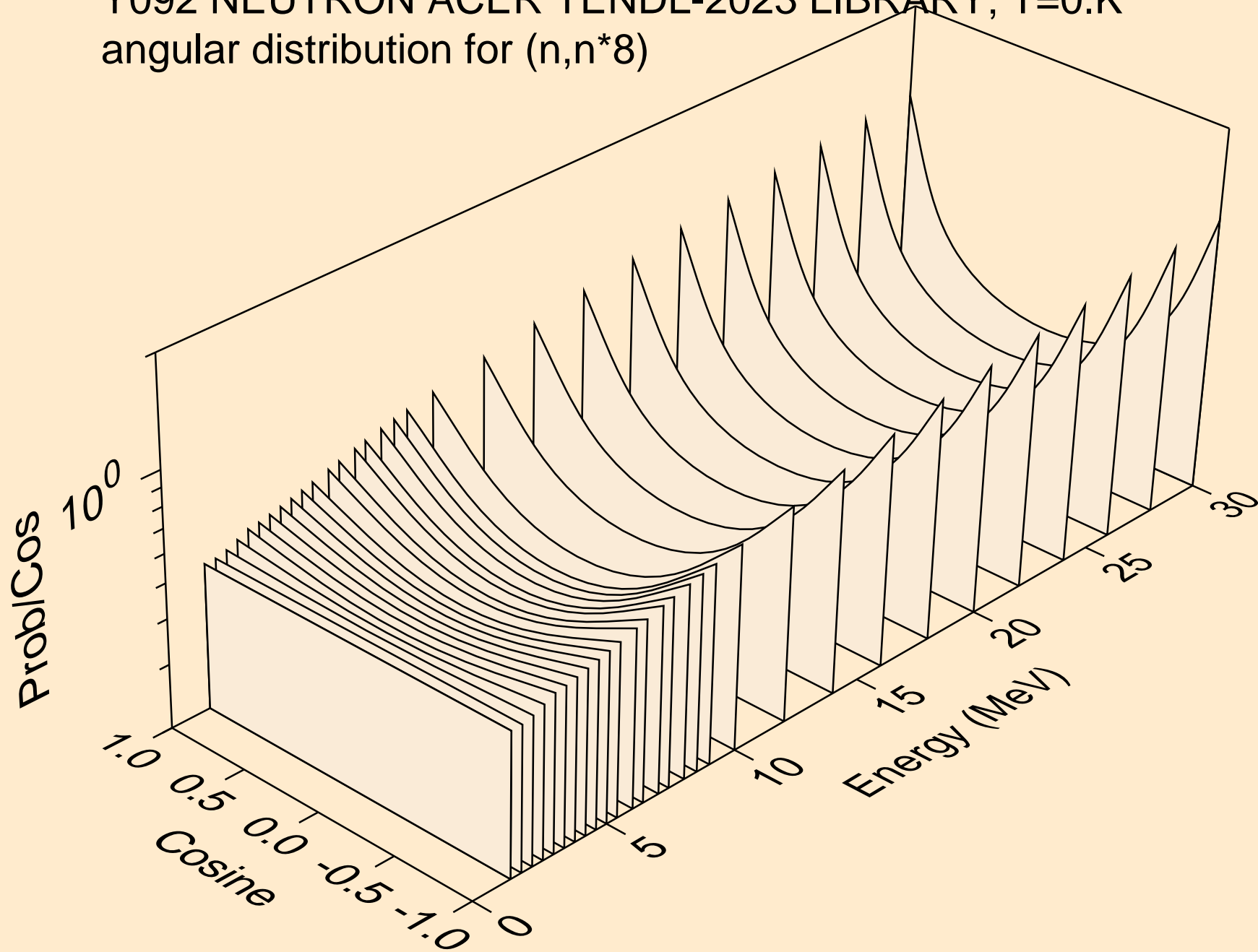
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angular distribution for (n,n\*6)



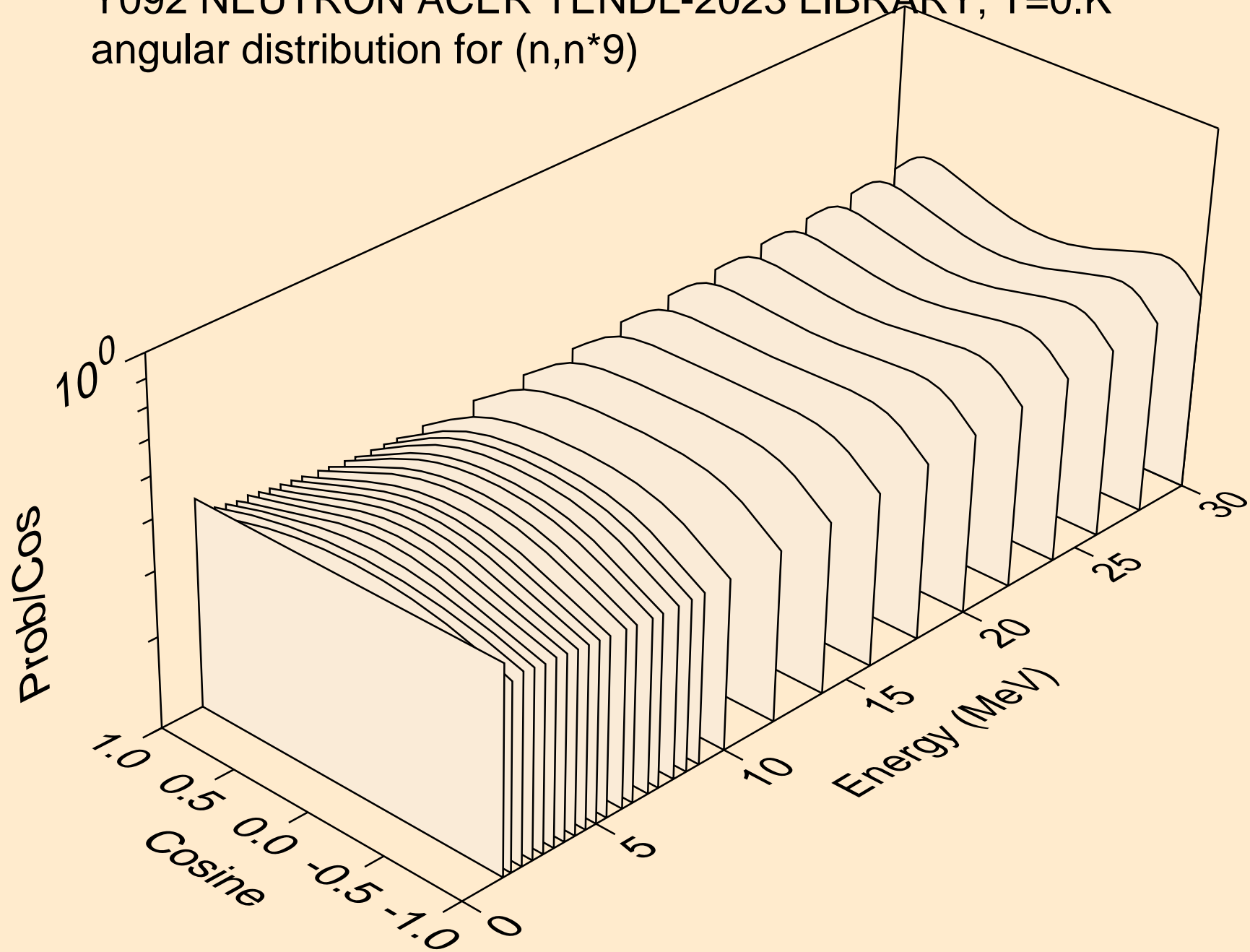
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

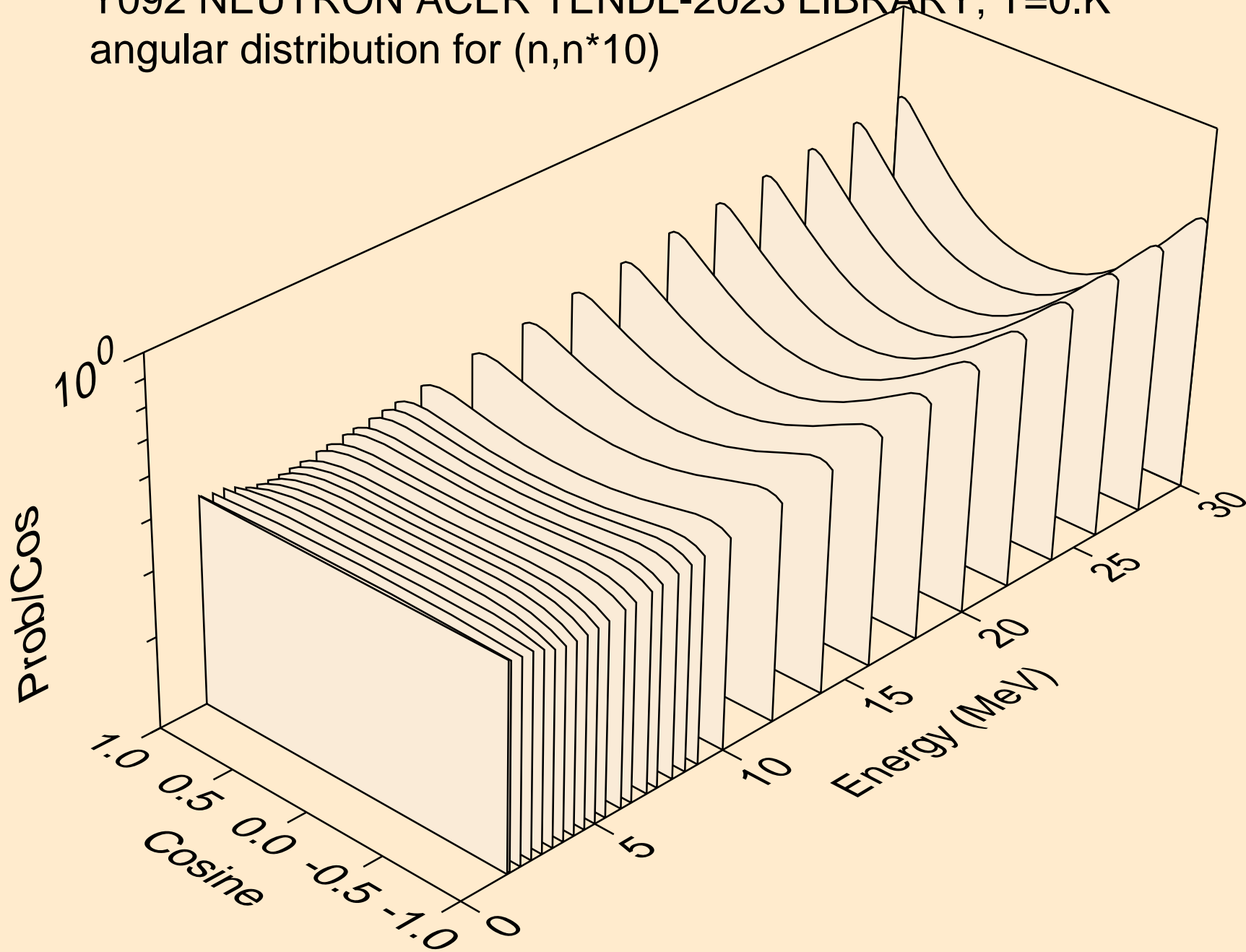


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

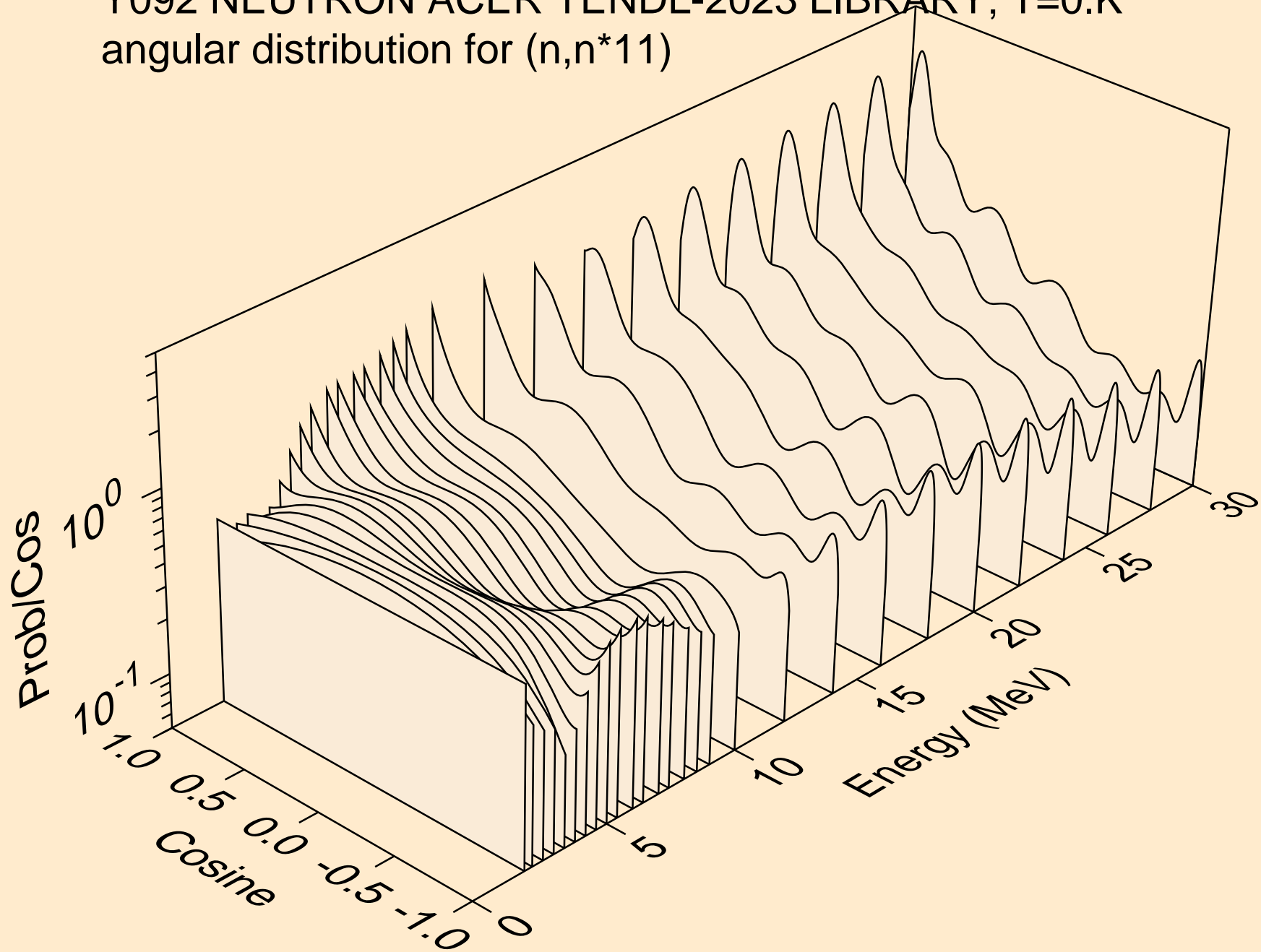




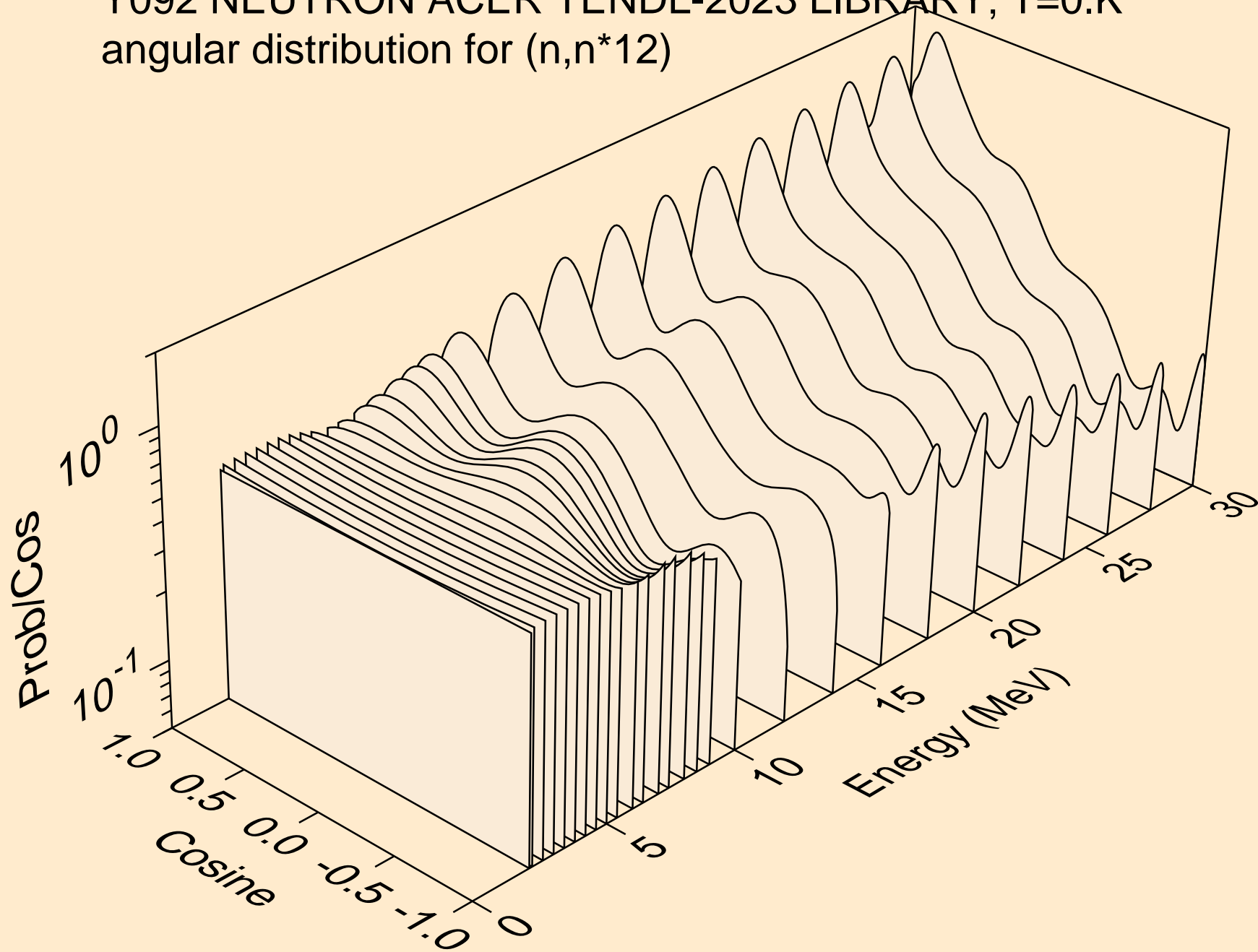
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angular distribution for (n,n\*10)



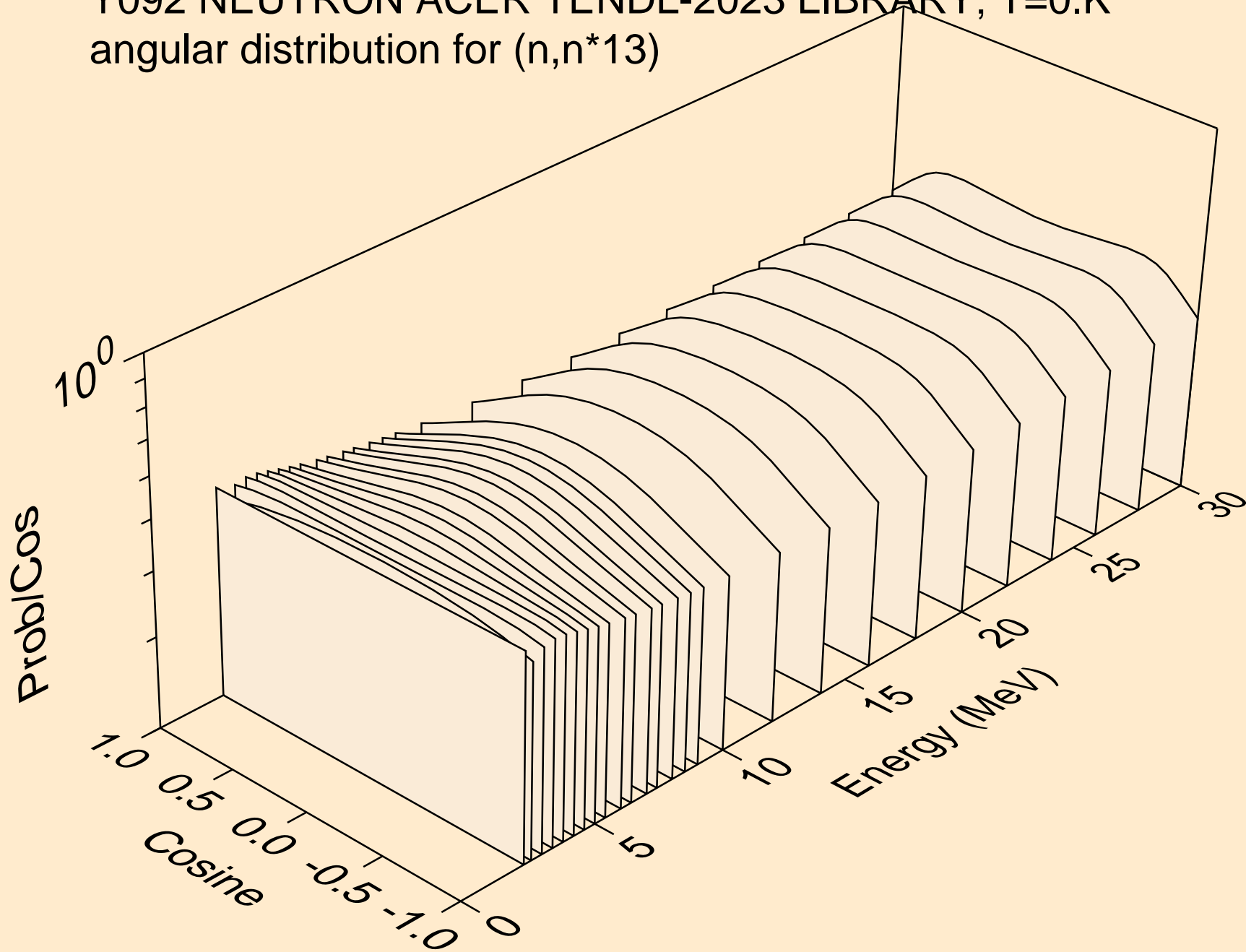
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angular distribution for (n,n\*11)



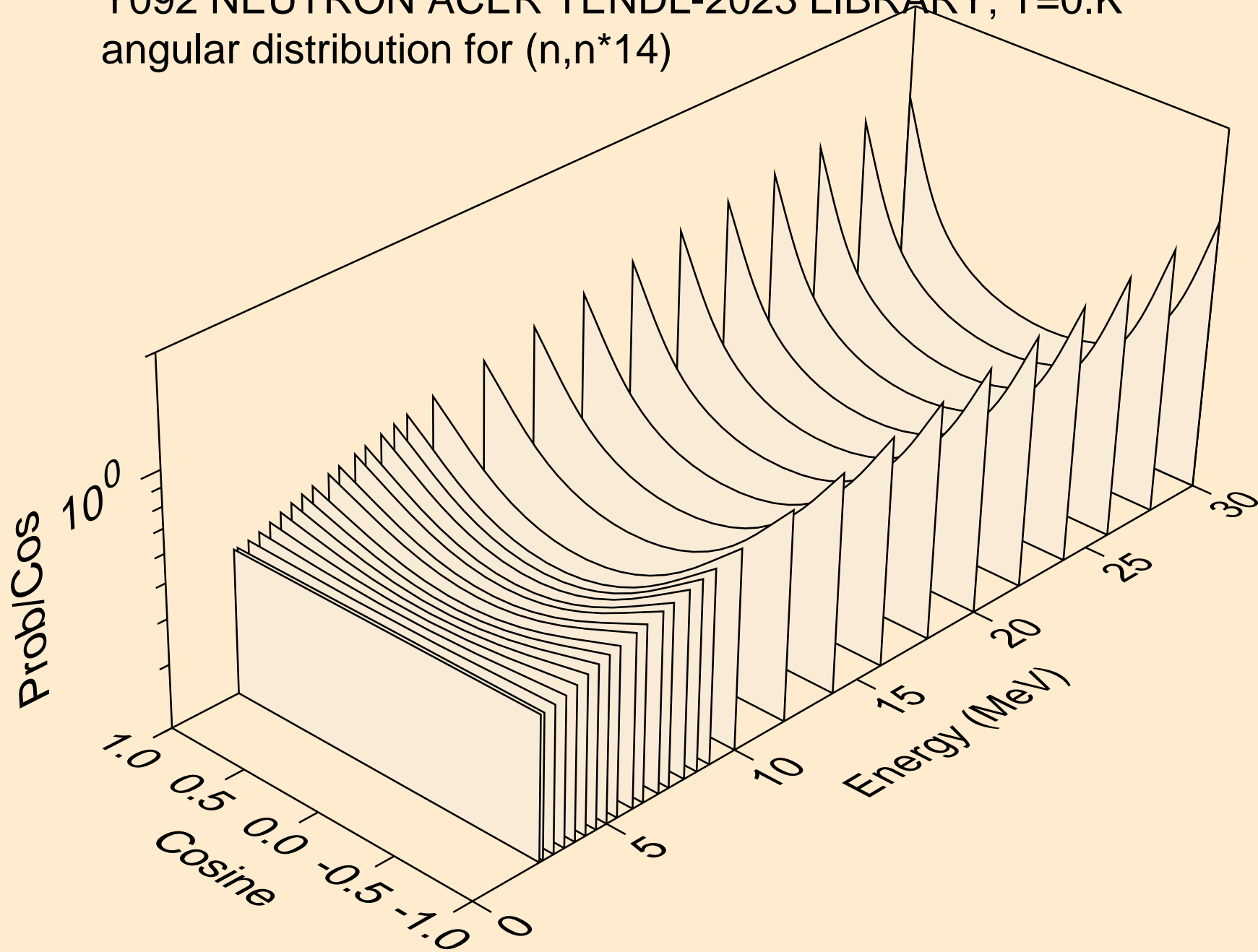
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angular distribution for (n,n\*12)



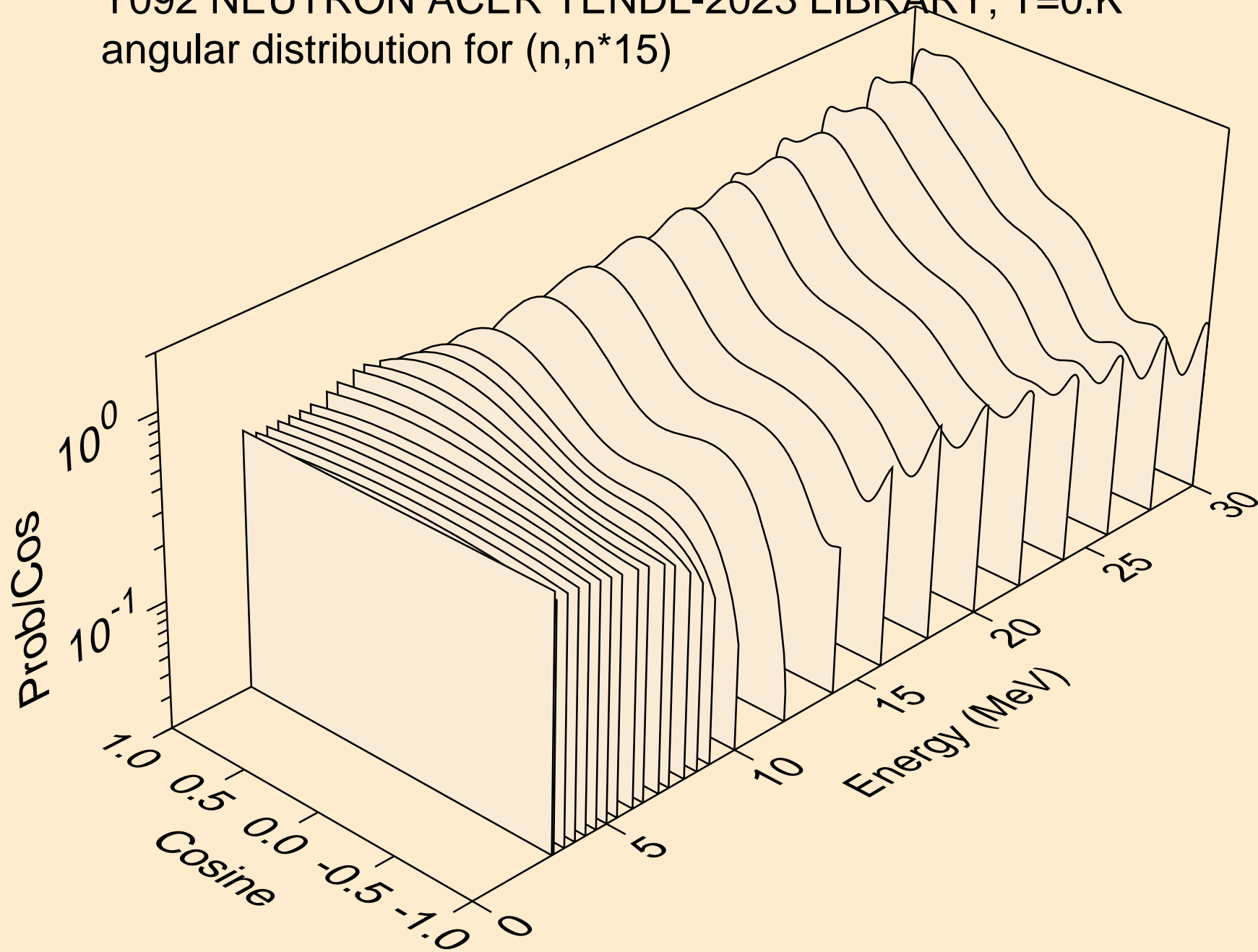
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angular distribution for (n,n\*13)



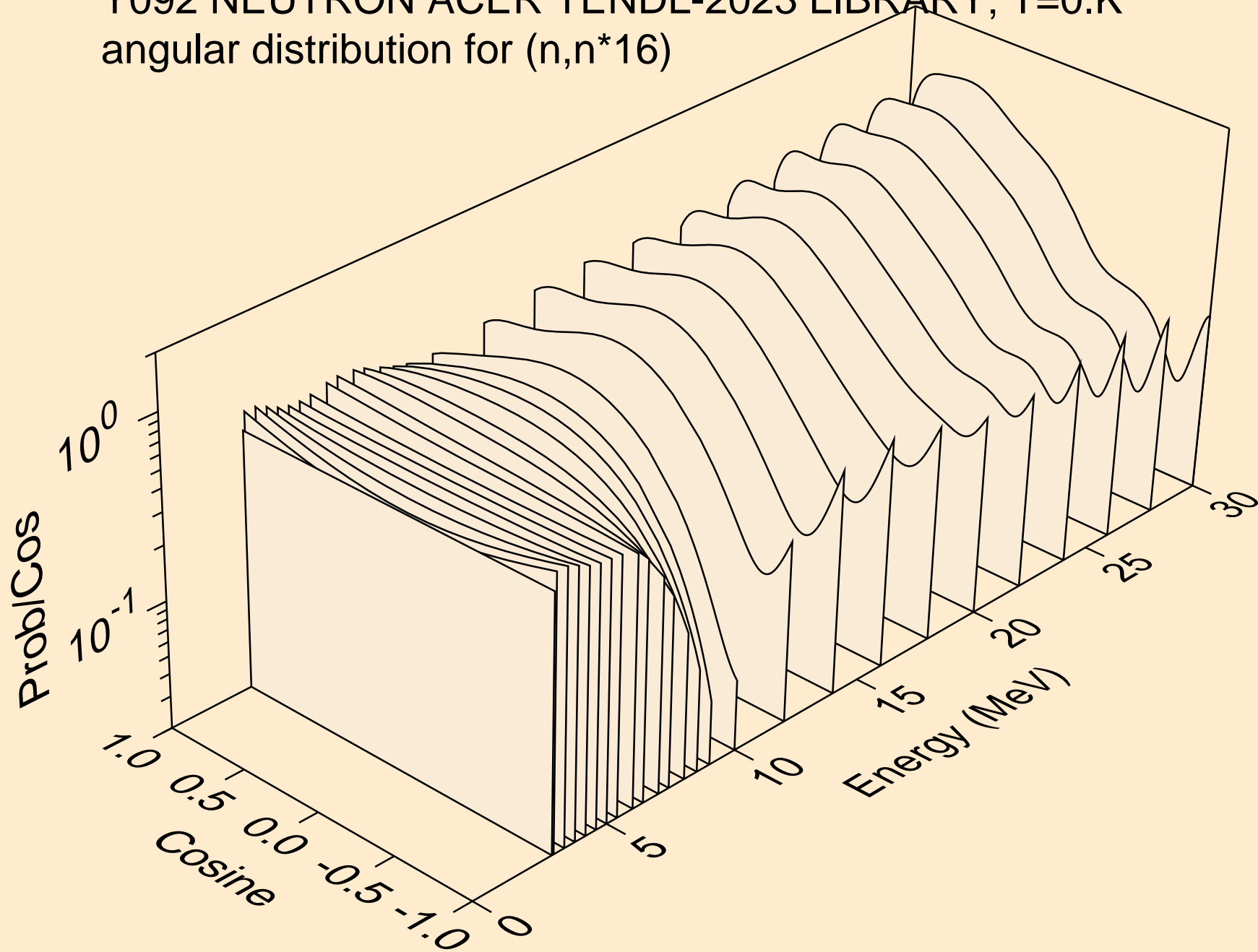
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angular distribution for (n,n\*14)



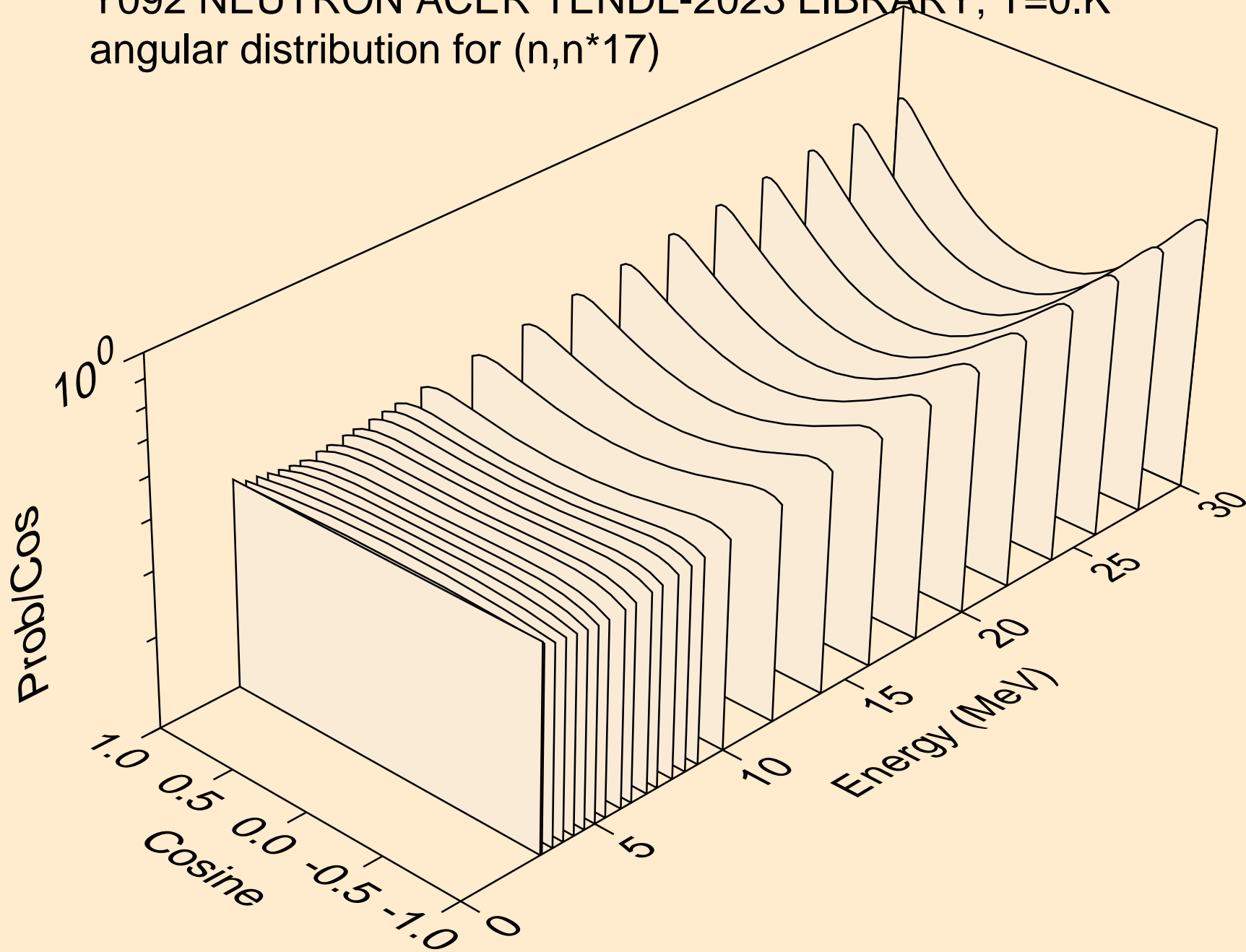
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

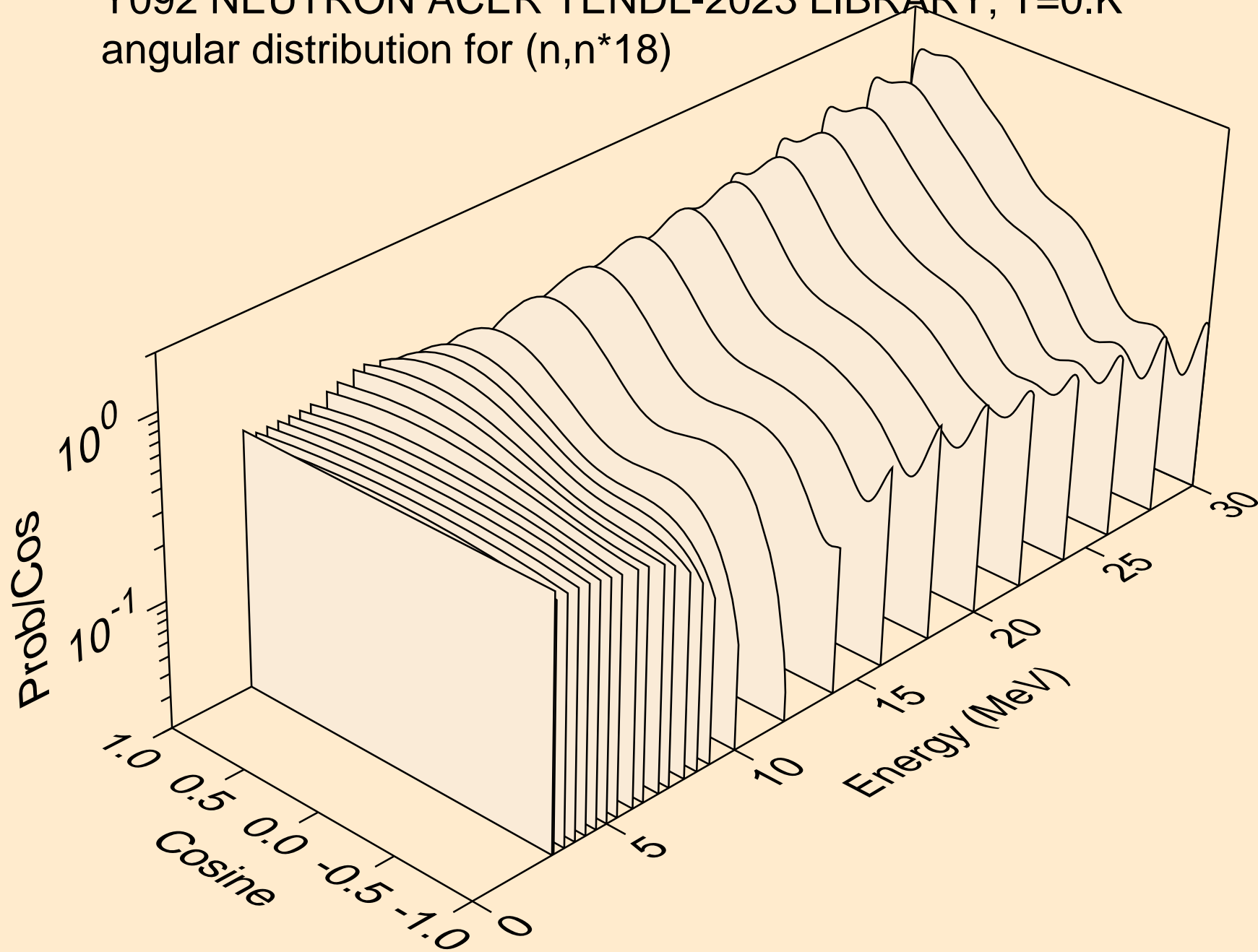


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

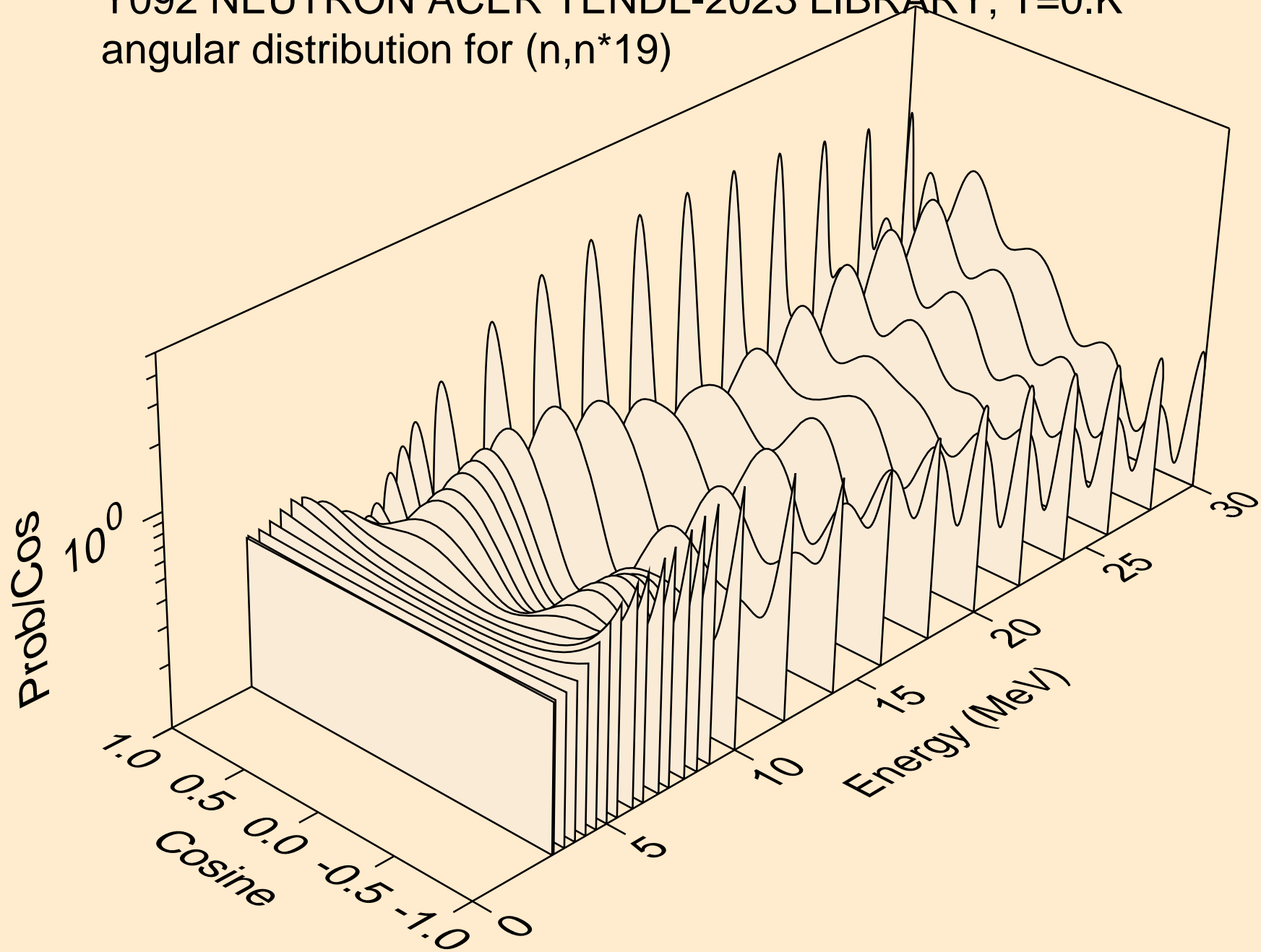




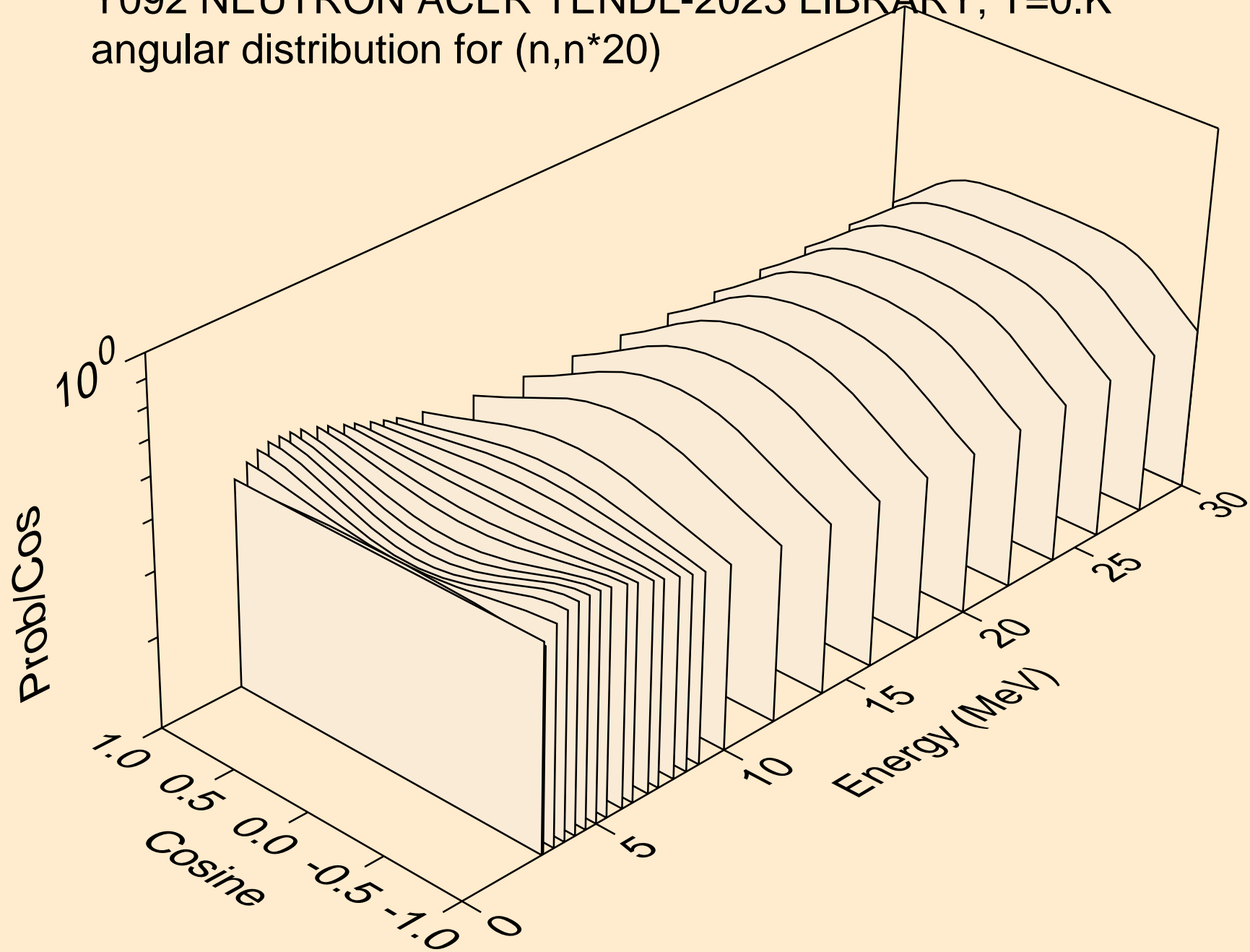
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angular distribution for (n,n\*18)



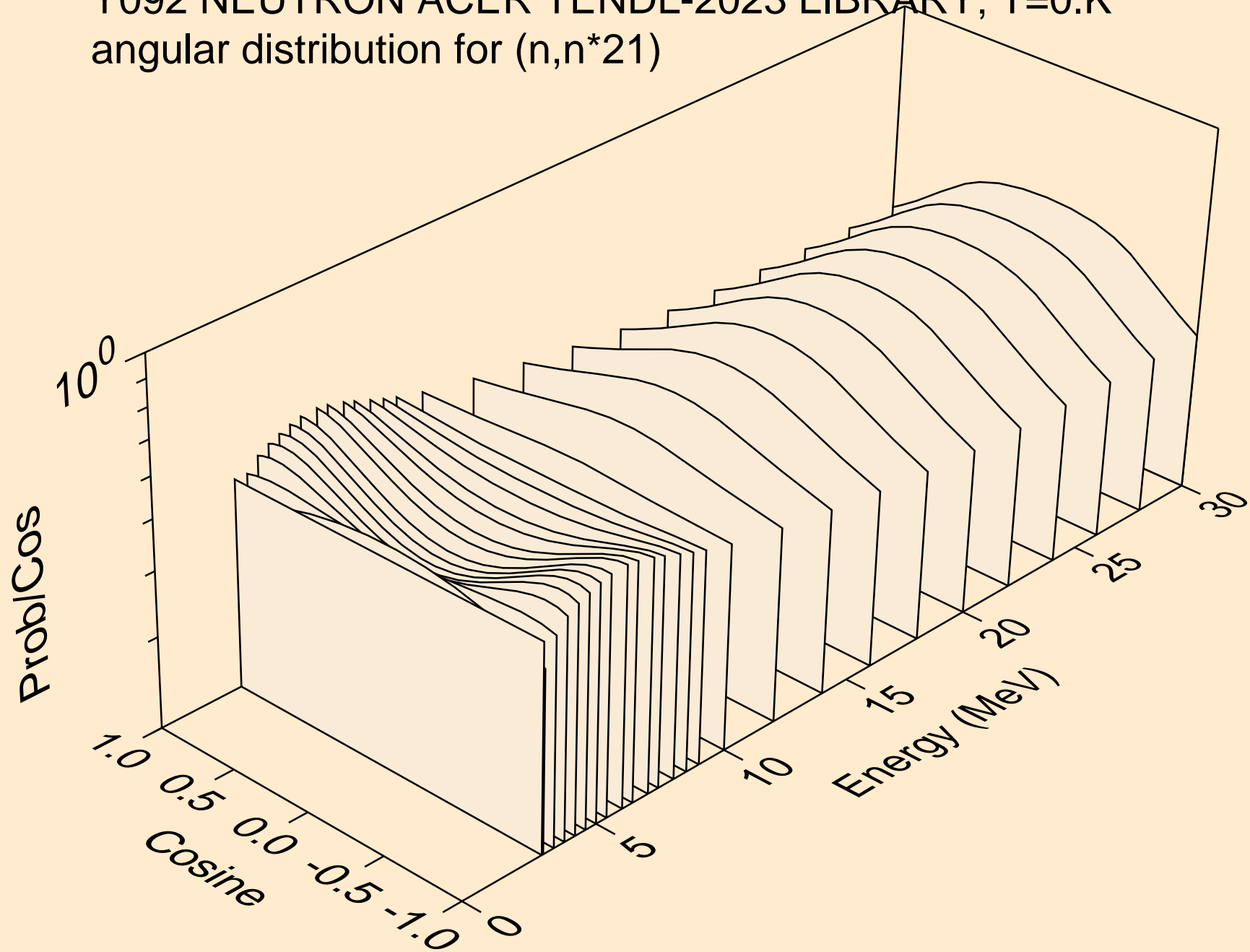
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angular distribution for (n,n\*19)



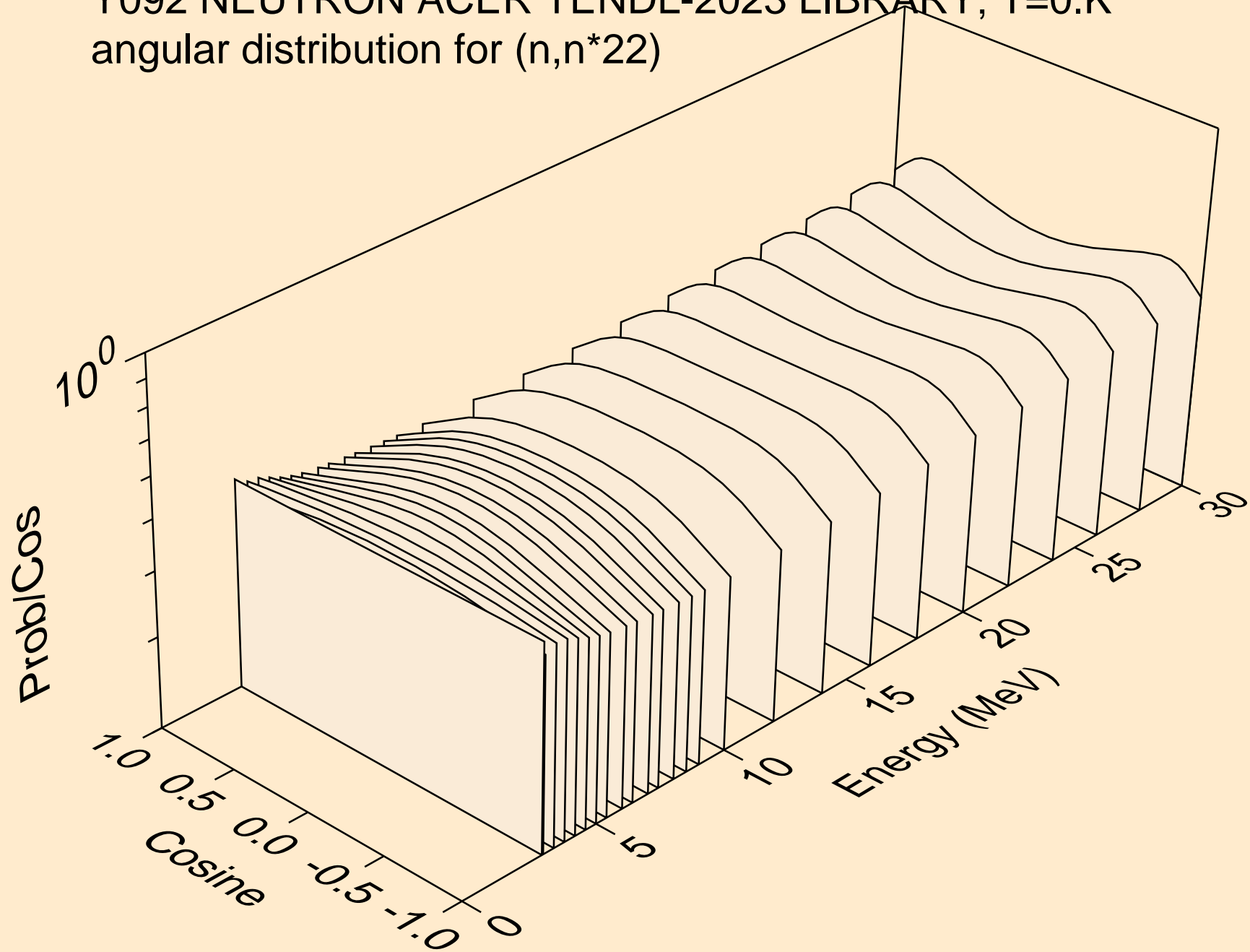
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angular distribution for (n,n\*20)



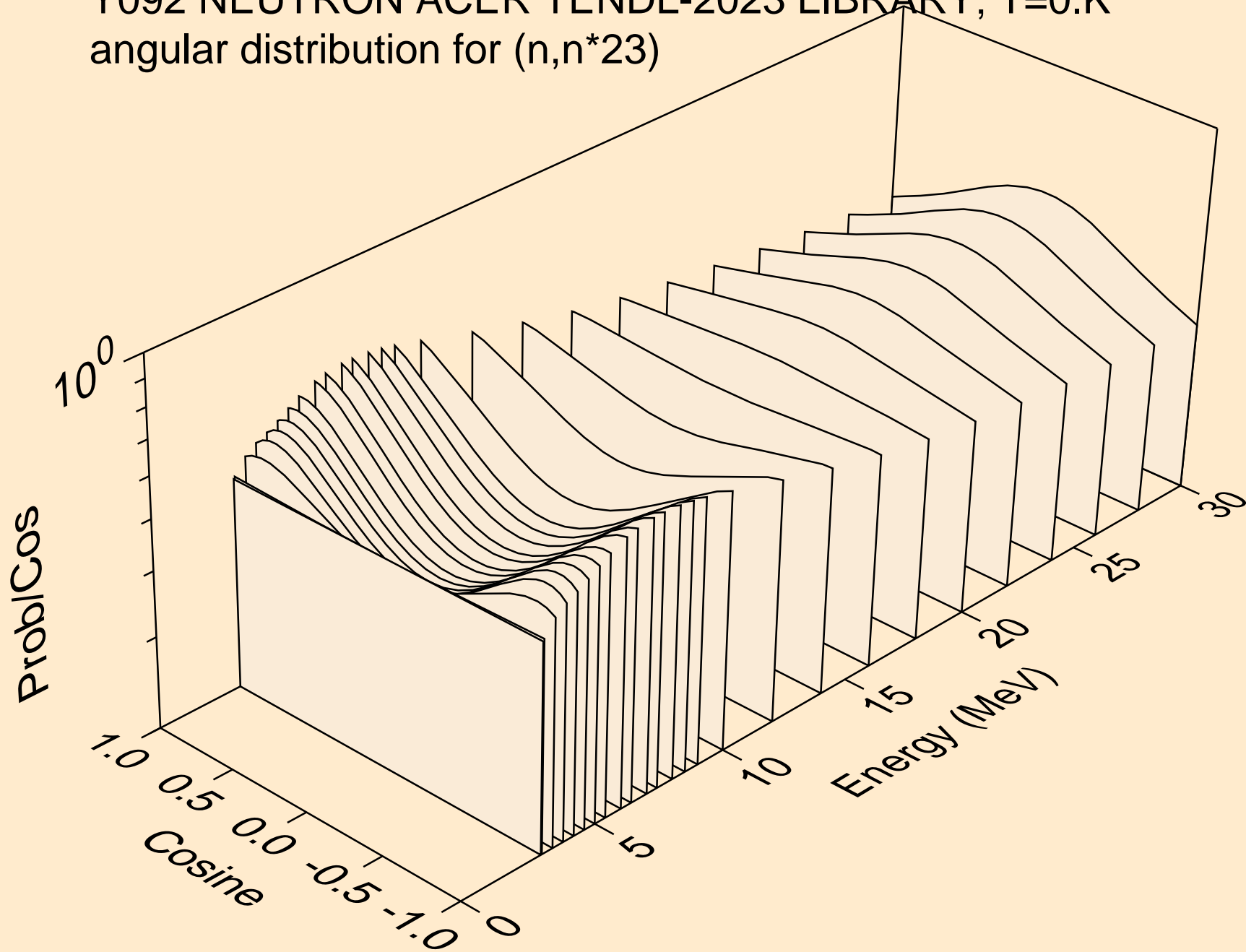
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angular distribution for (n,n\*21)



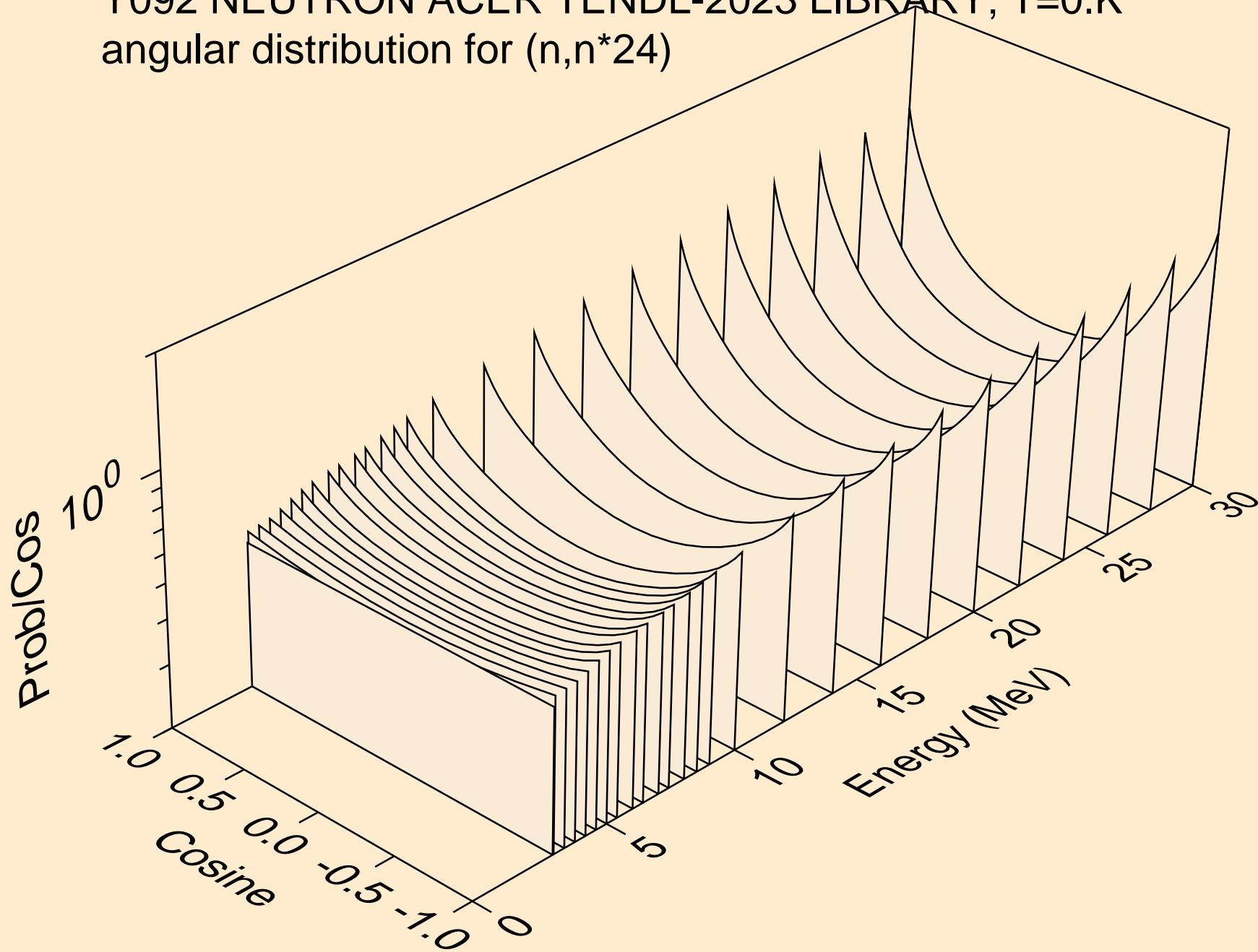
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angular distribution for (n,n\*22)



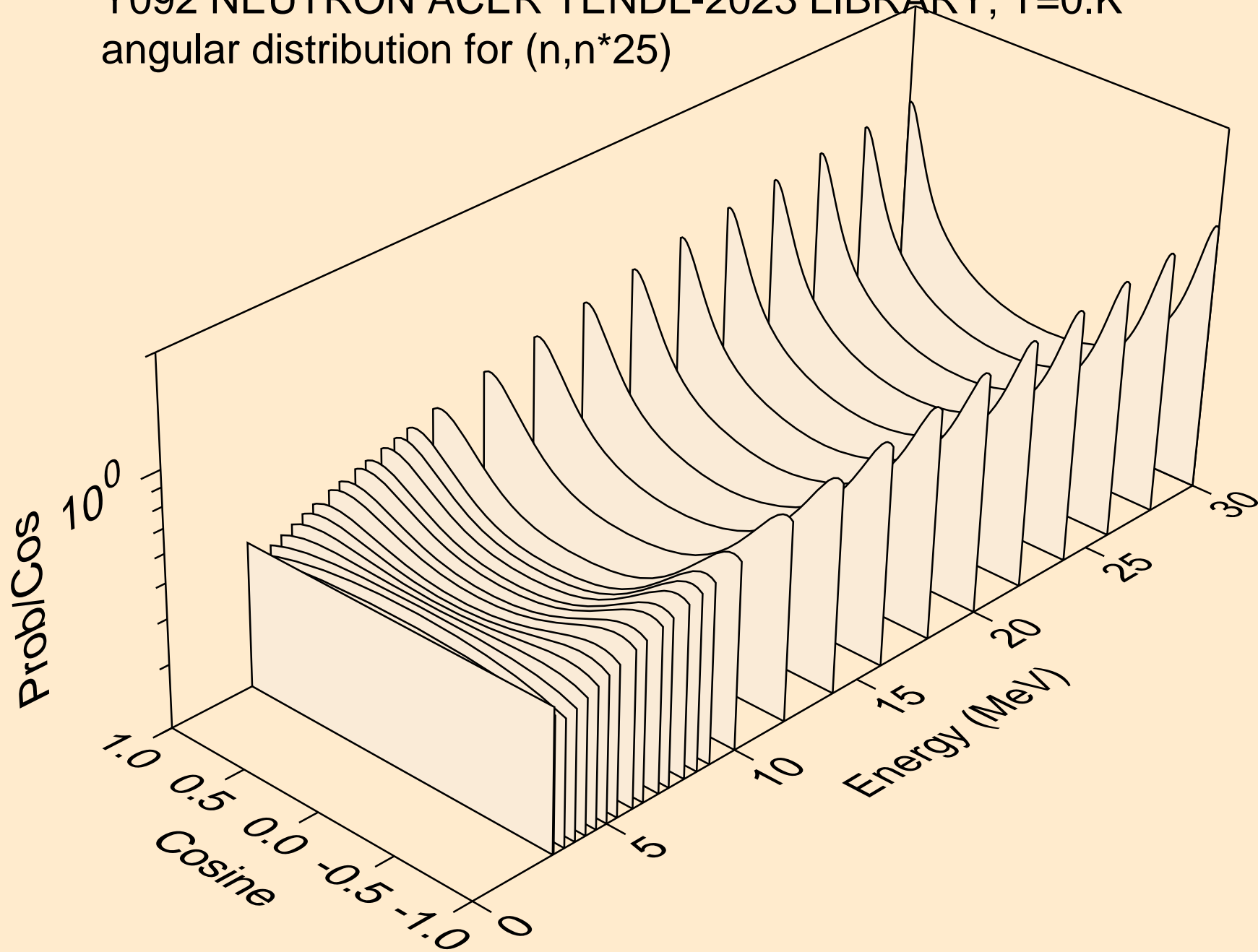
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

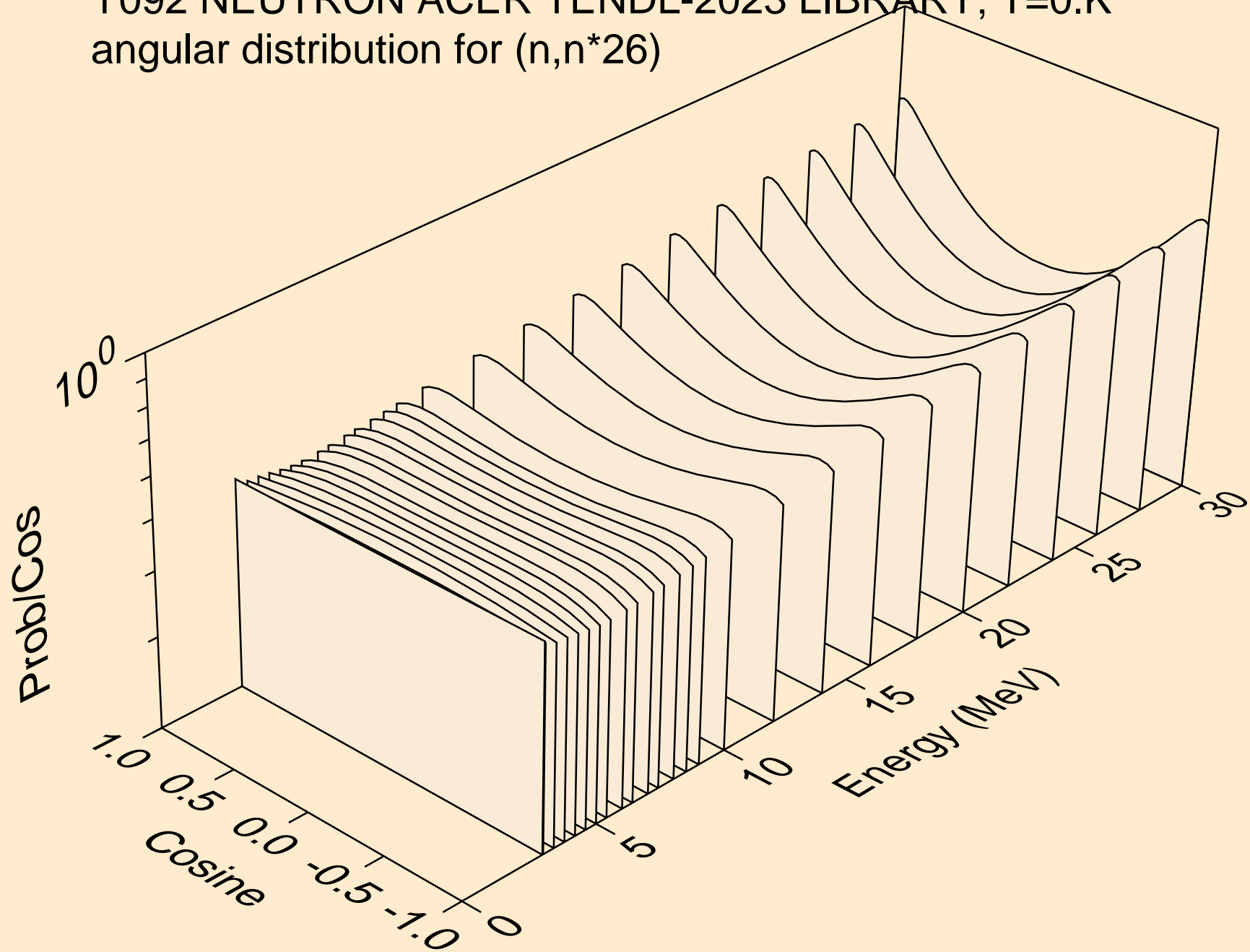


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

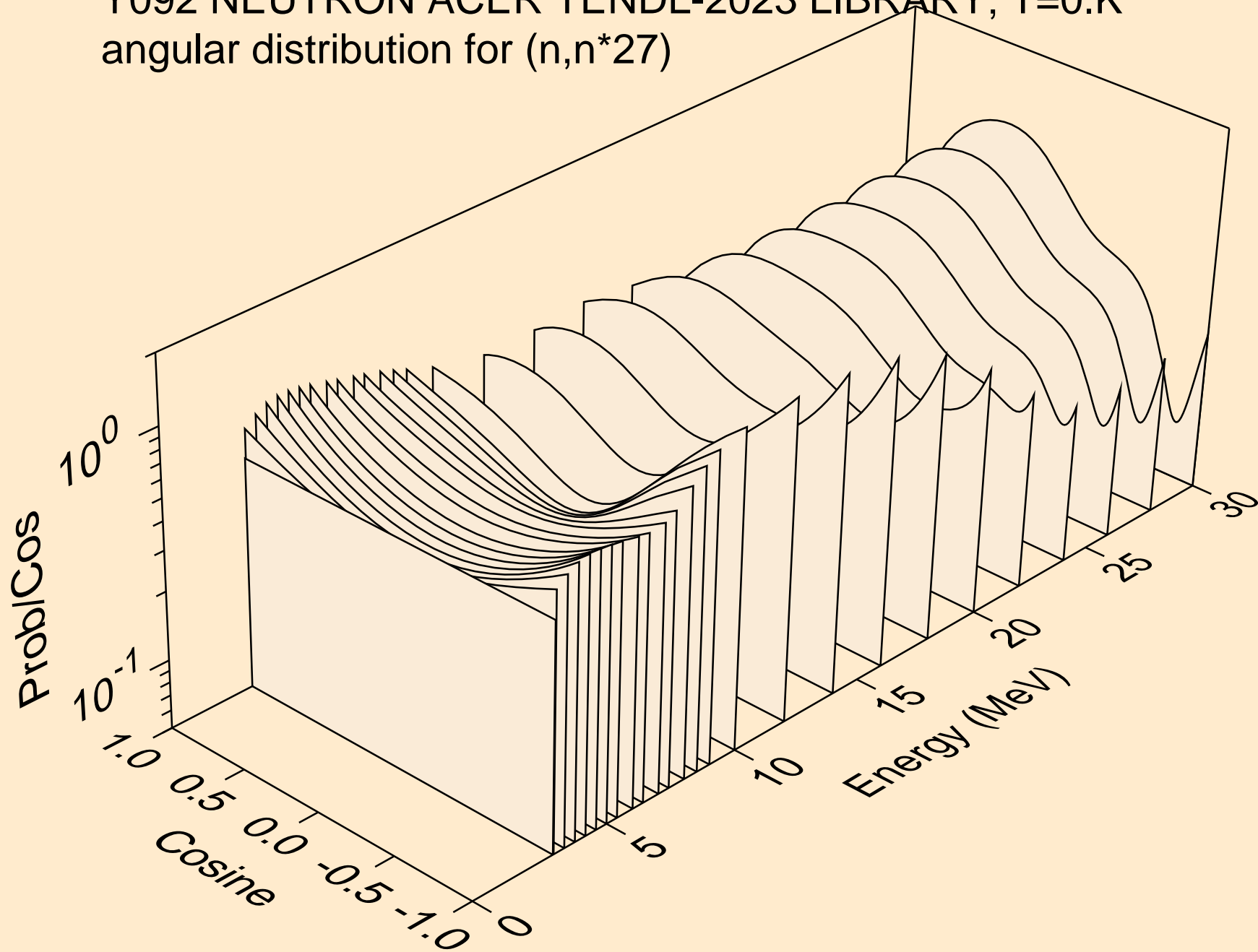




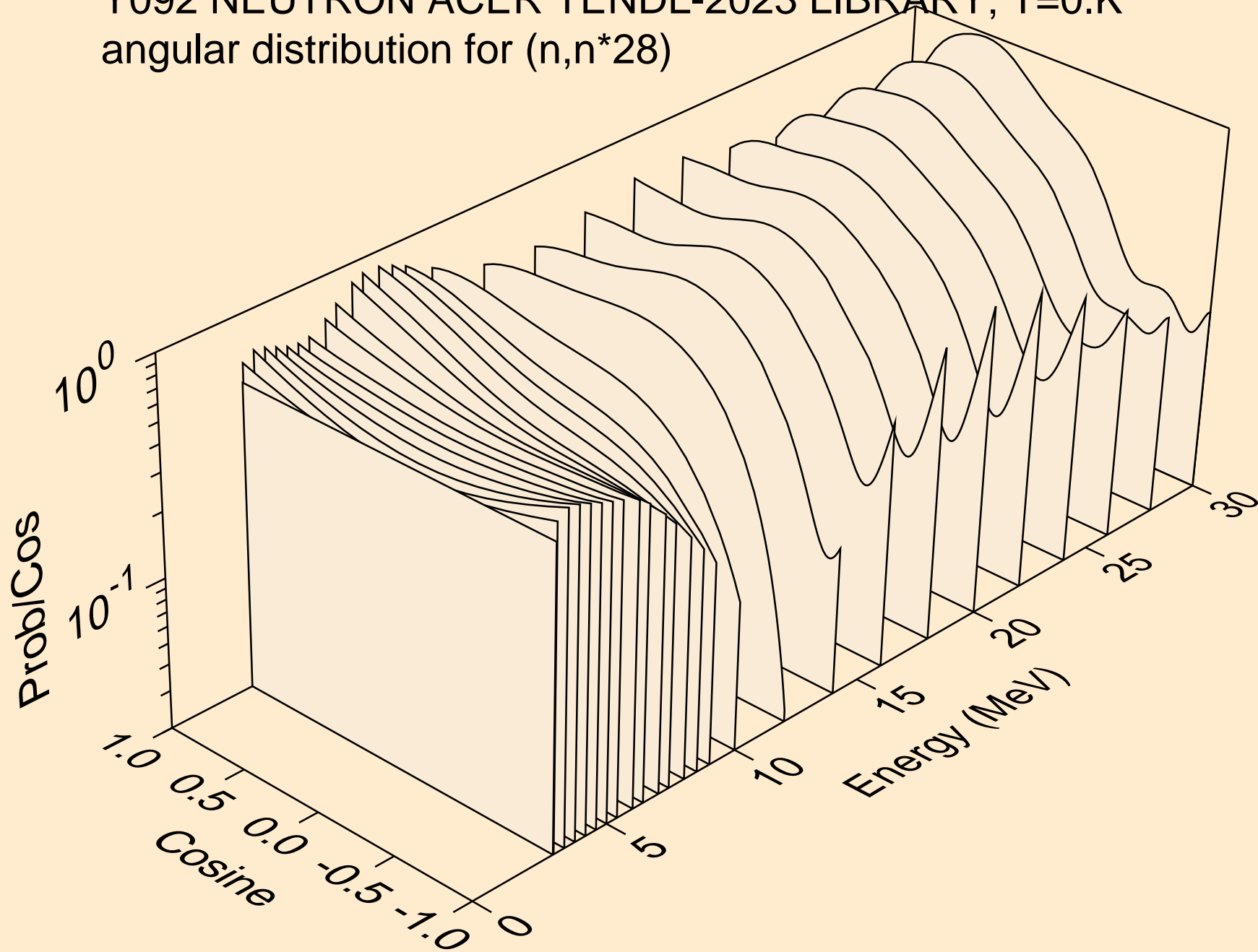
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



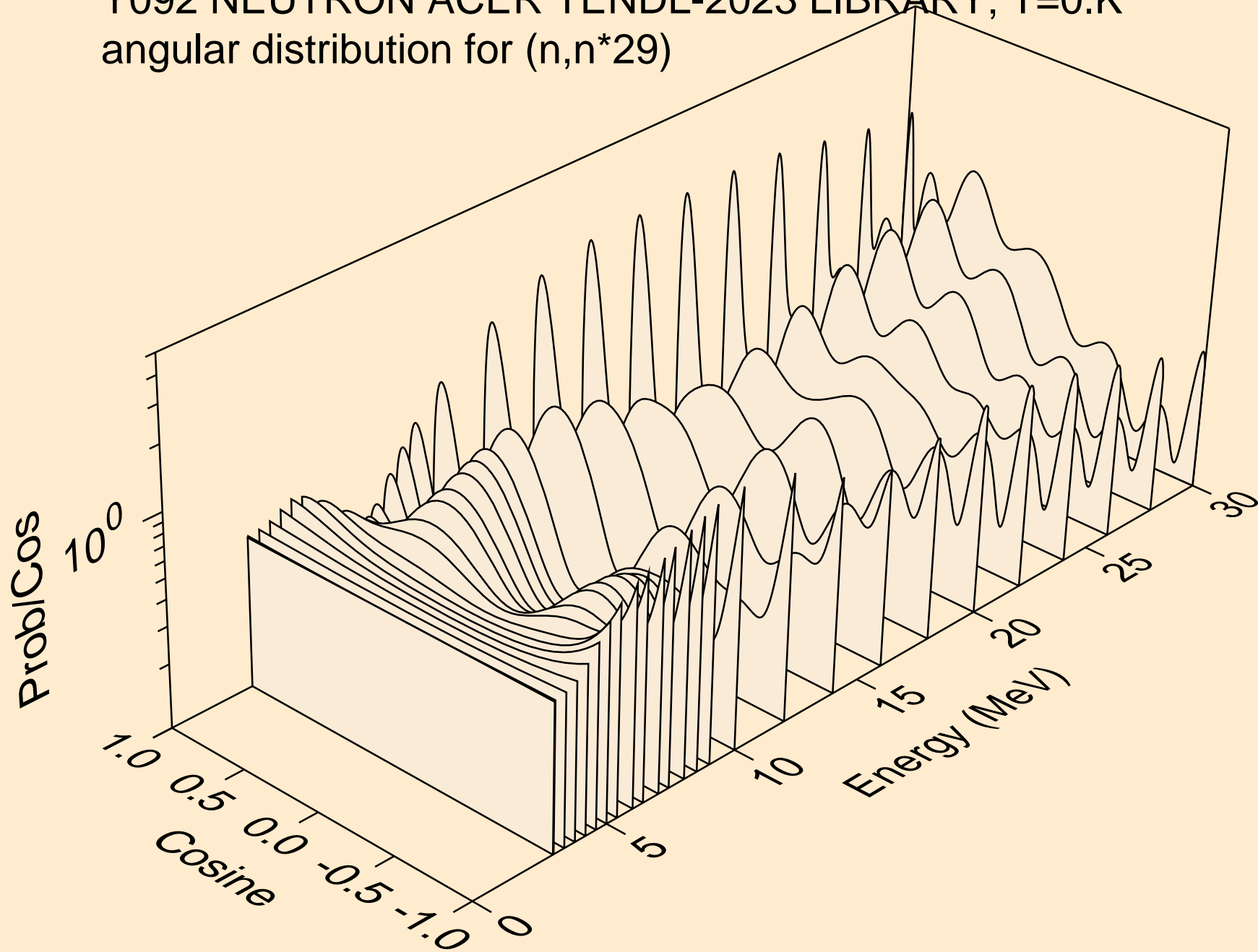
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



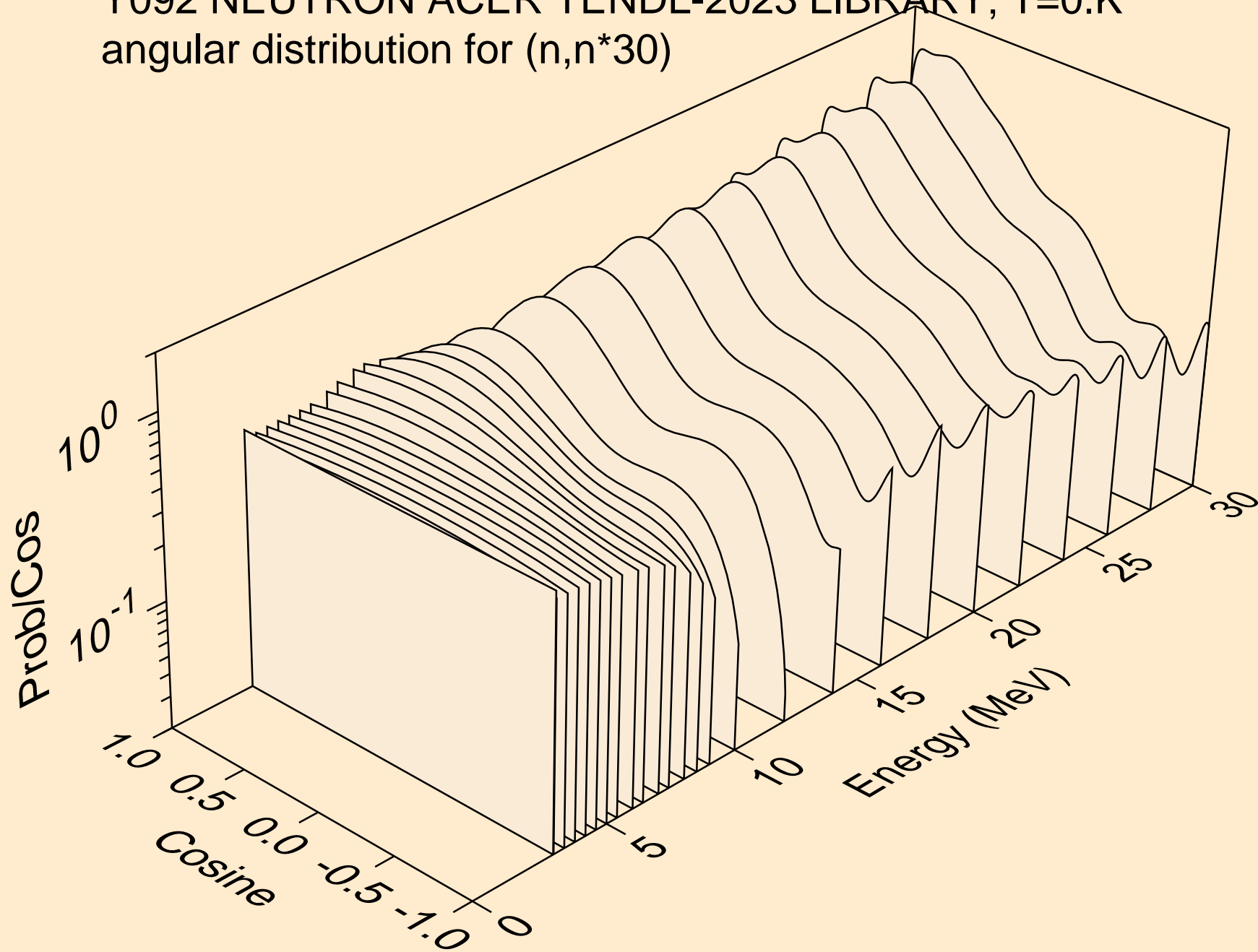
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



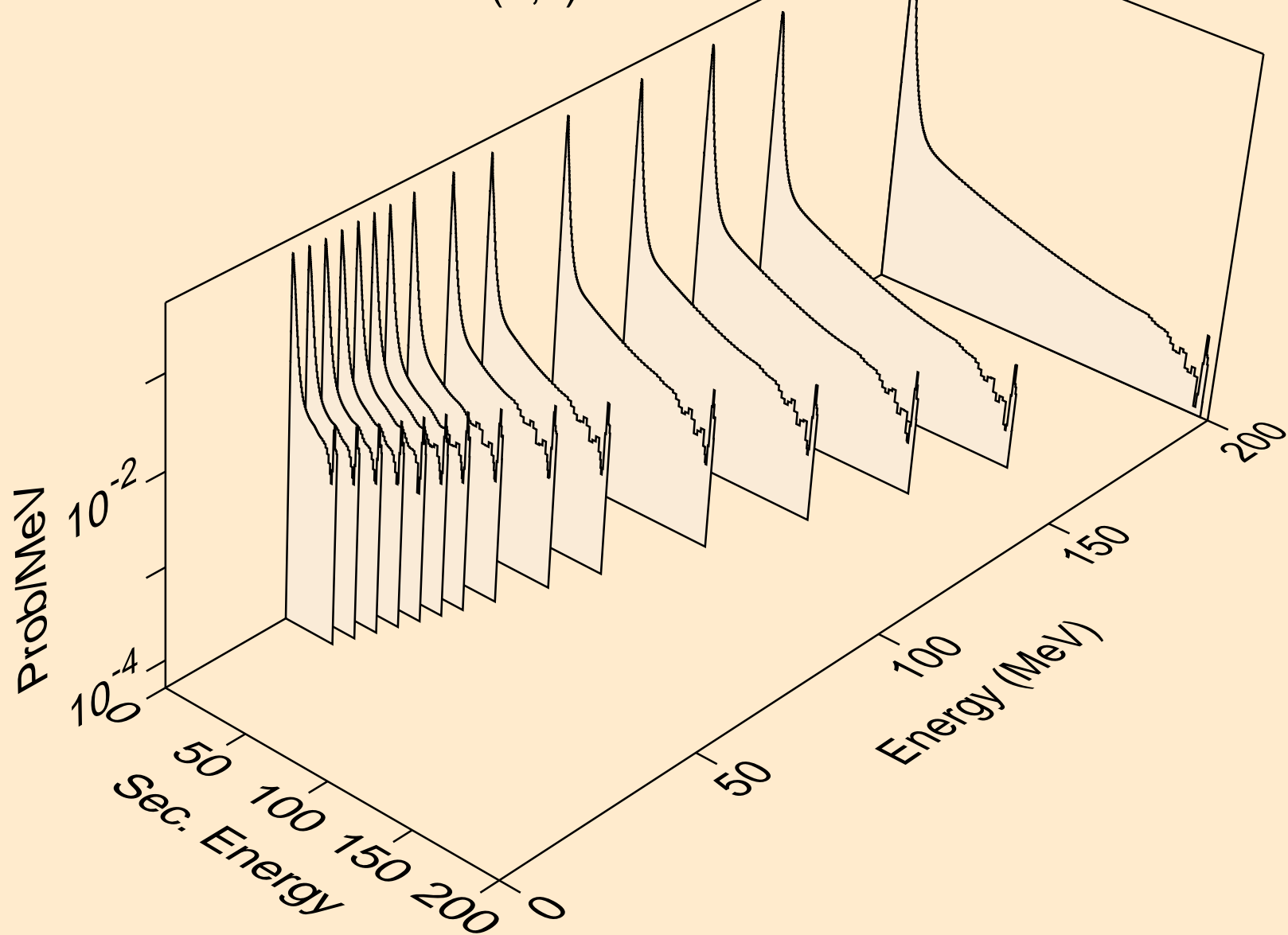
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angular distribution for (n,n\*29)



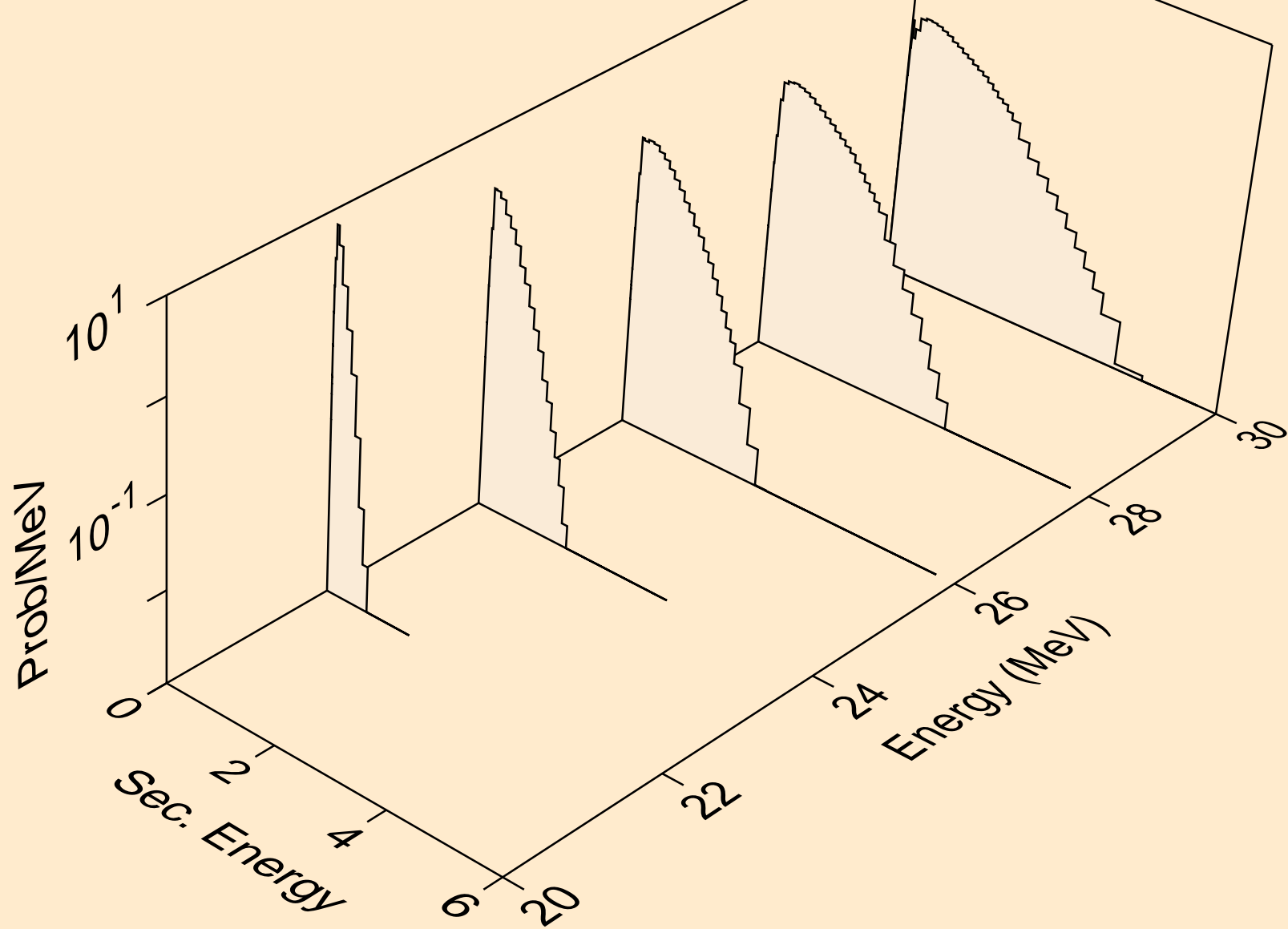
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



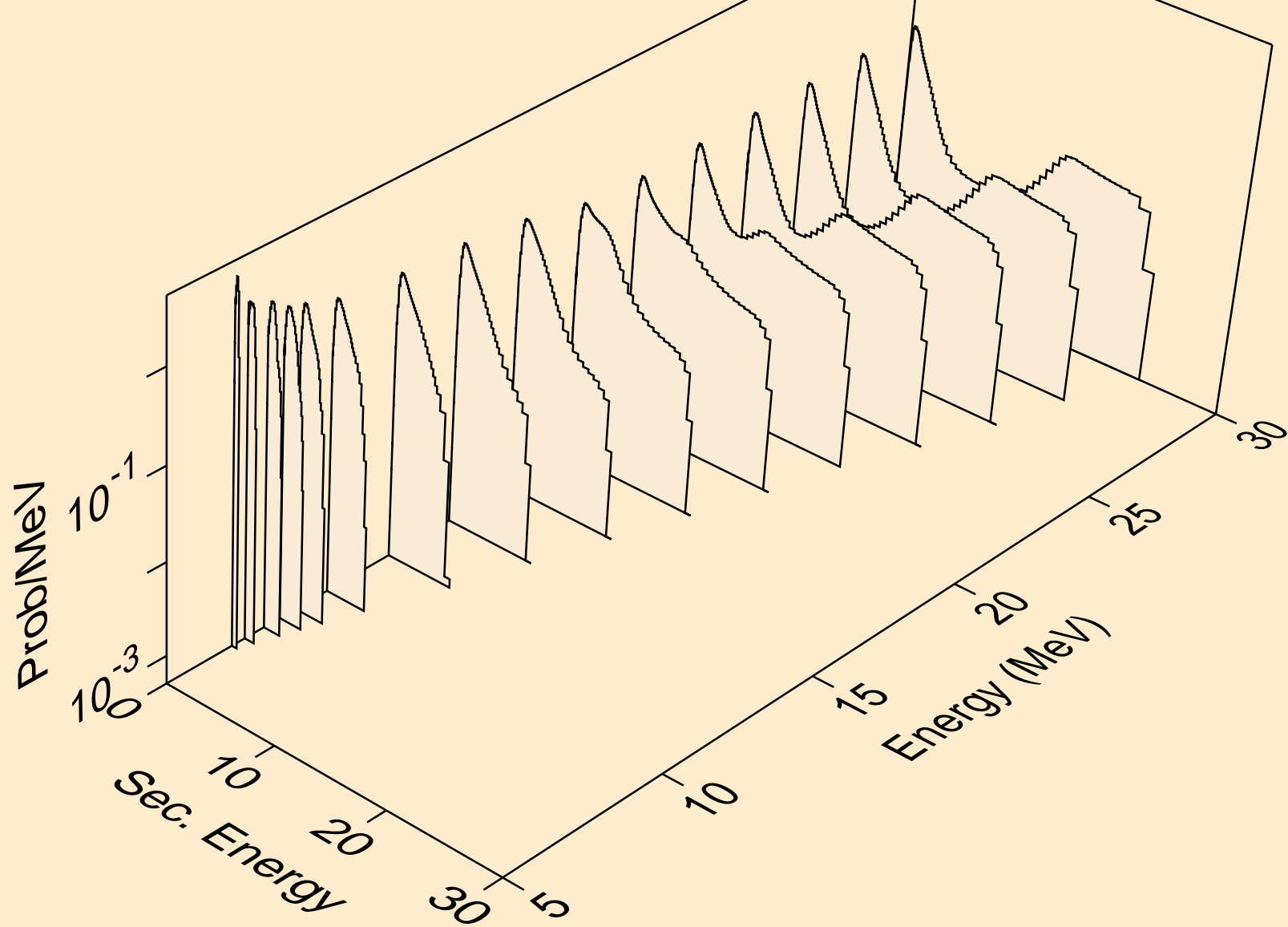
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

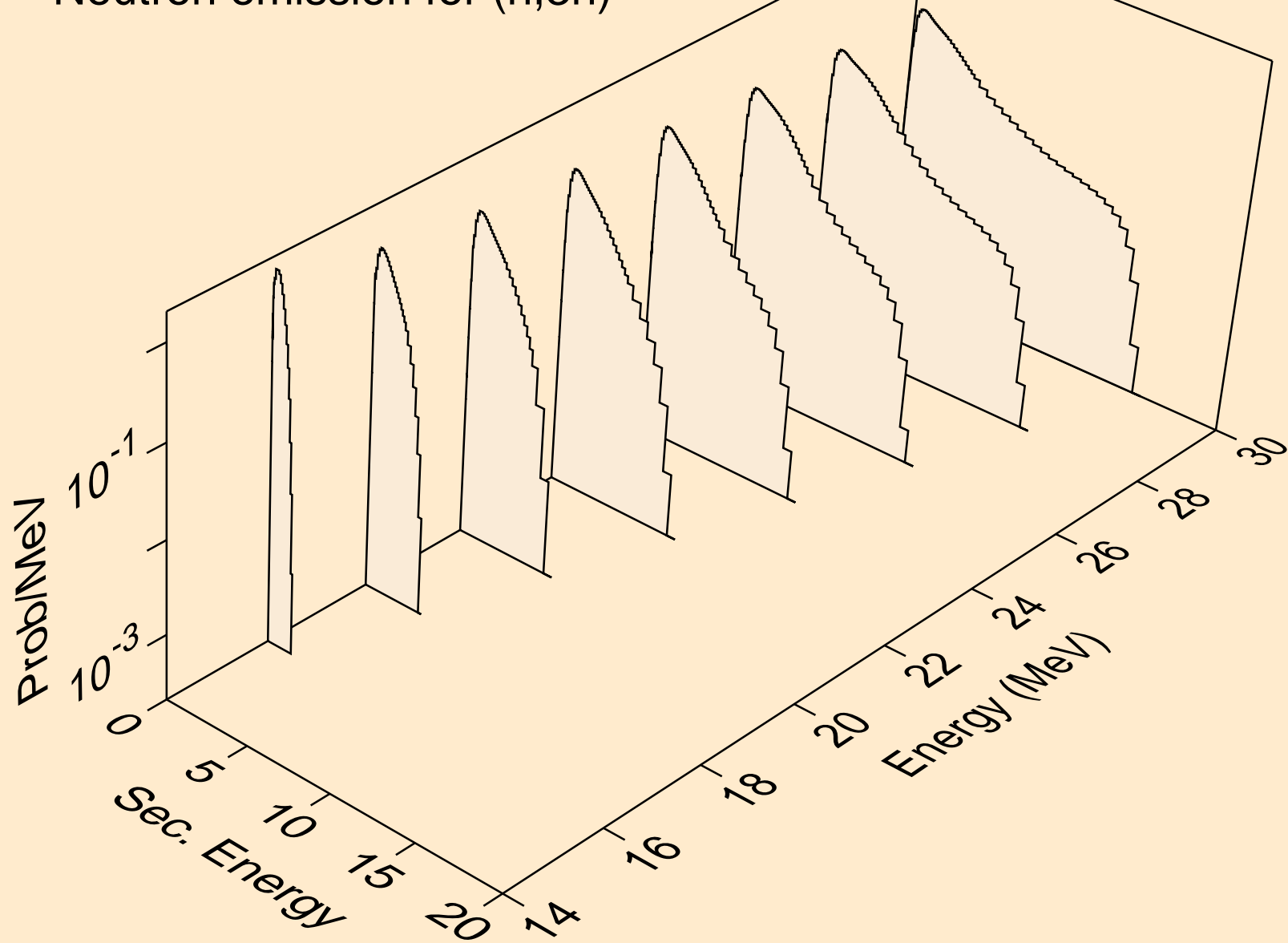


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

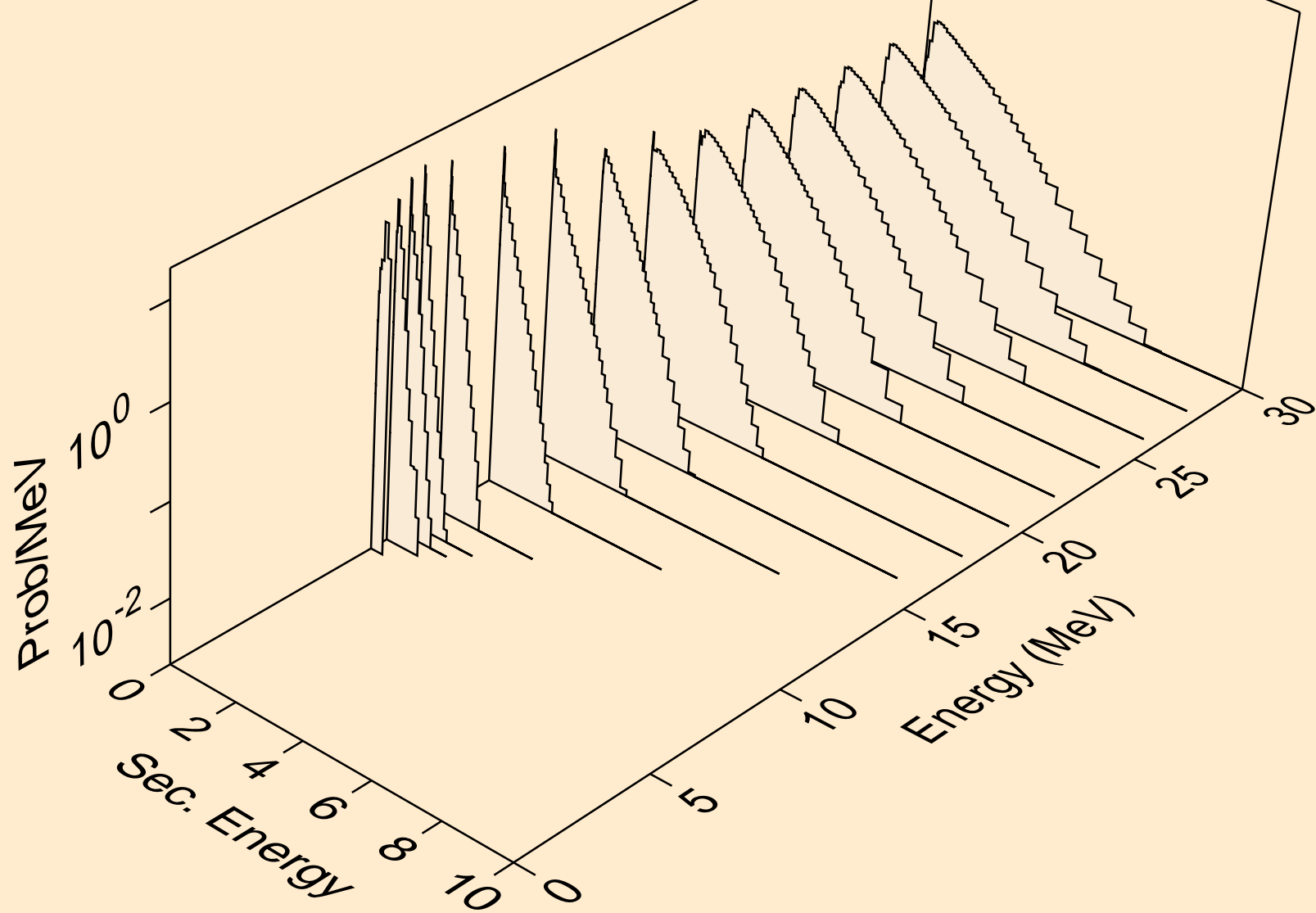




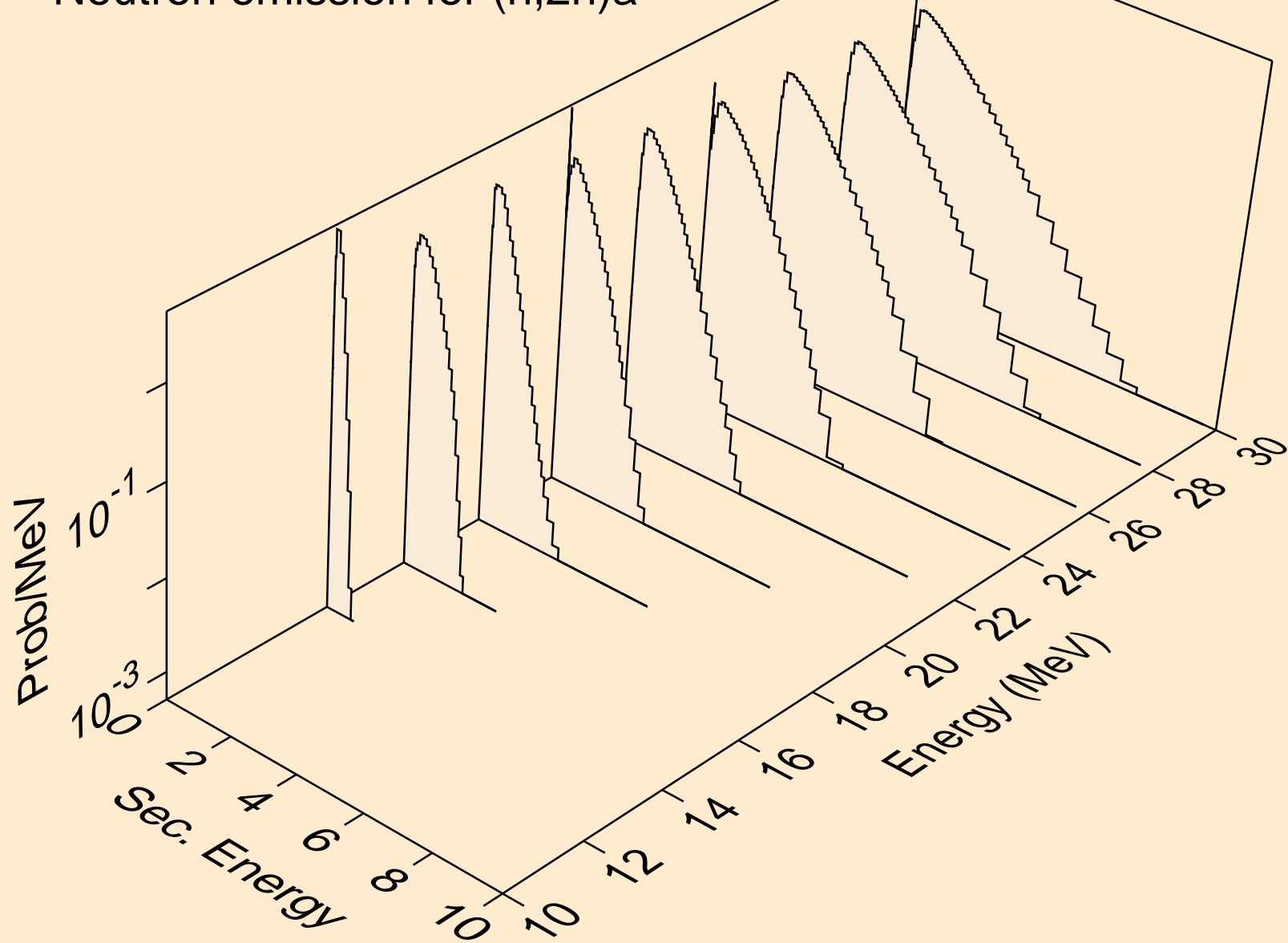
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



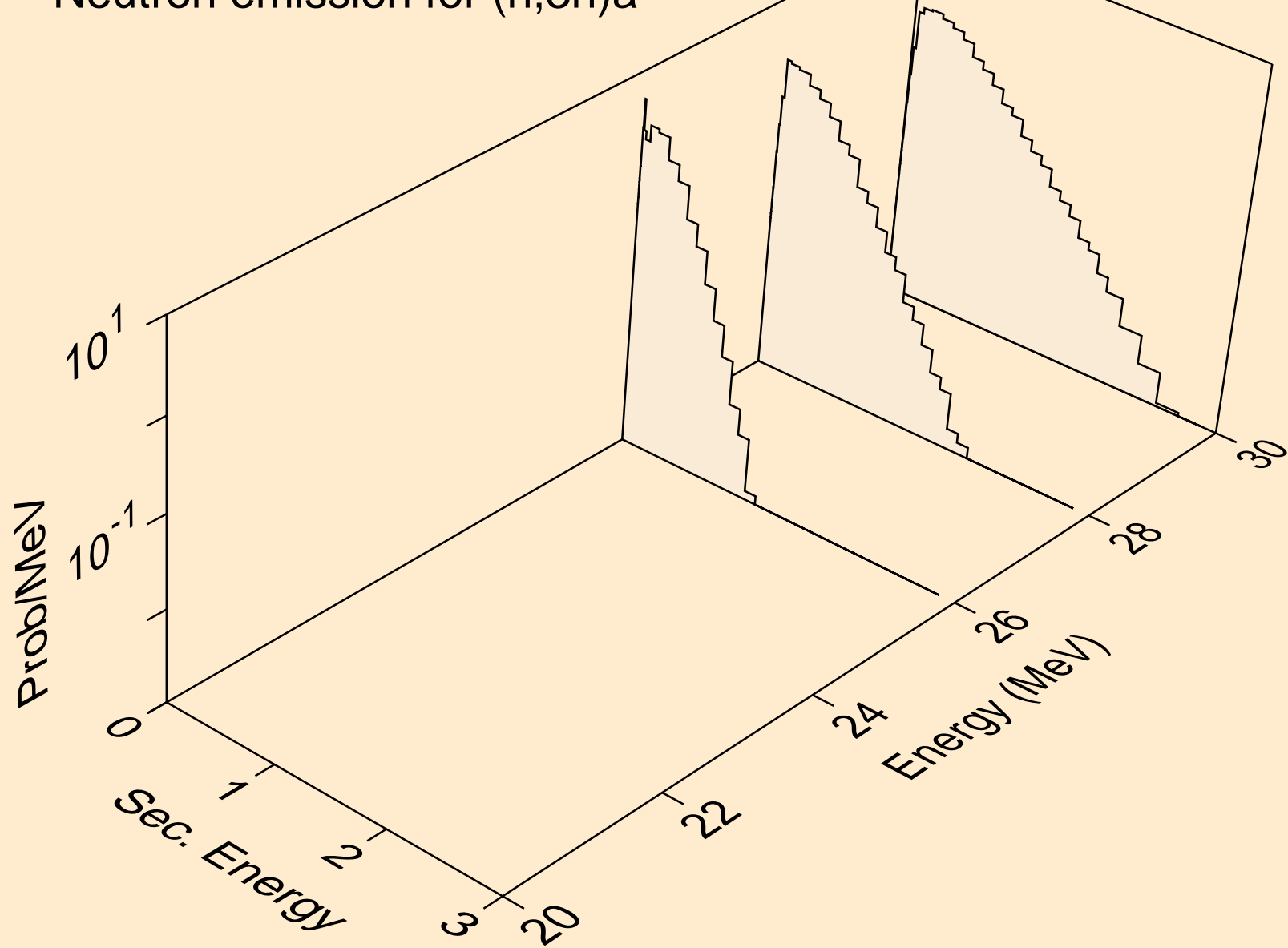
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



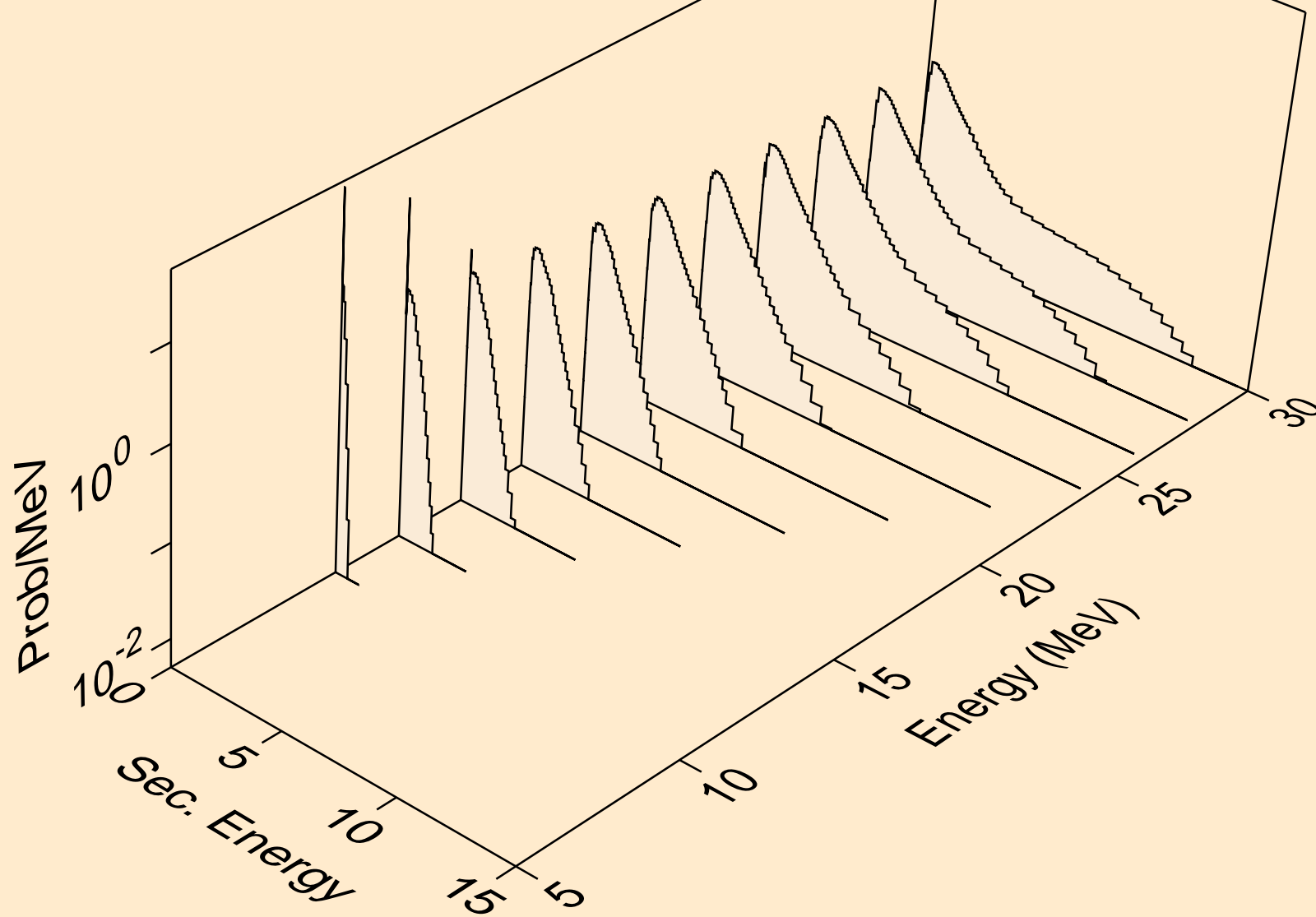
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



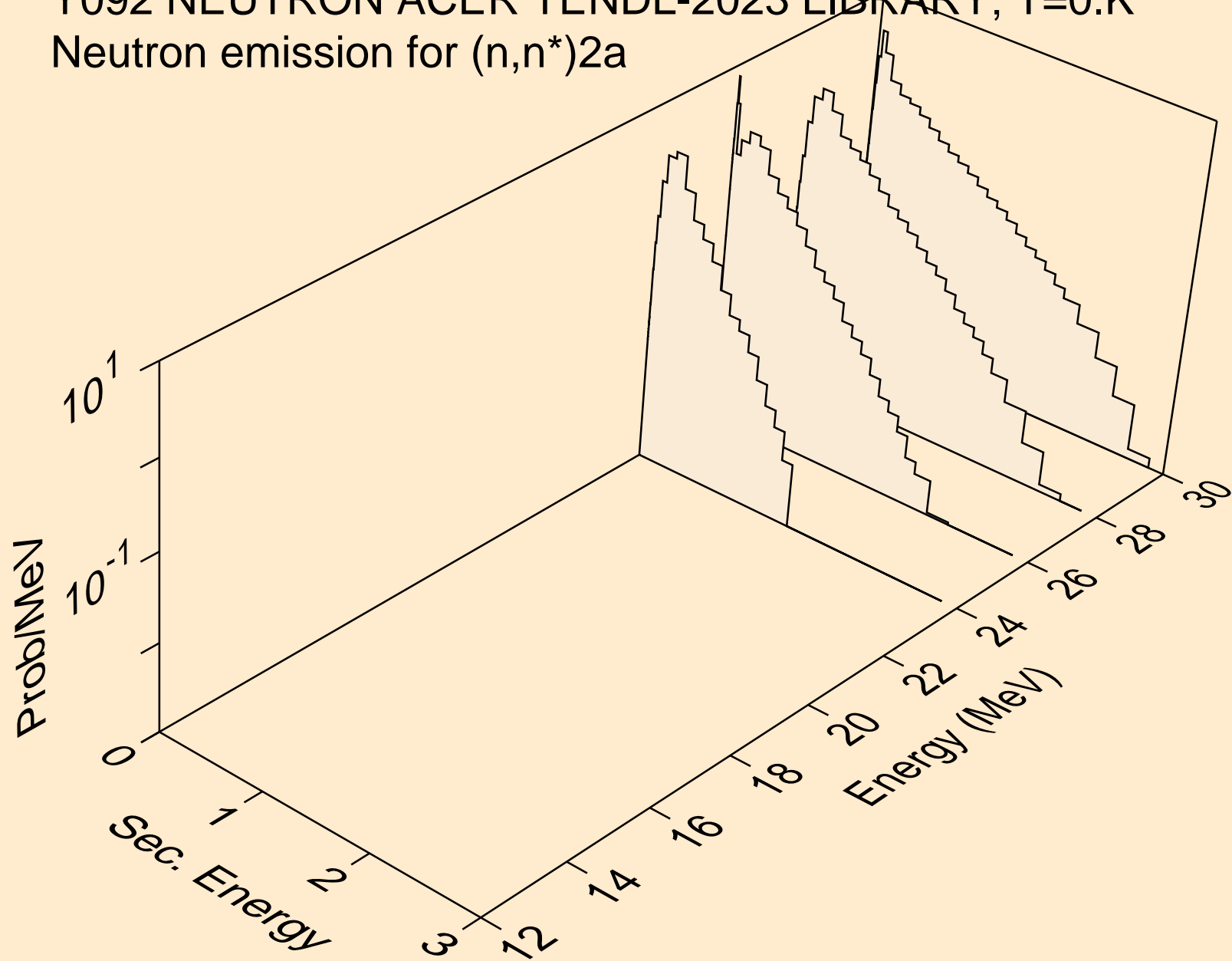
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Neutron emission for (n,3n)a



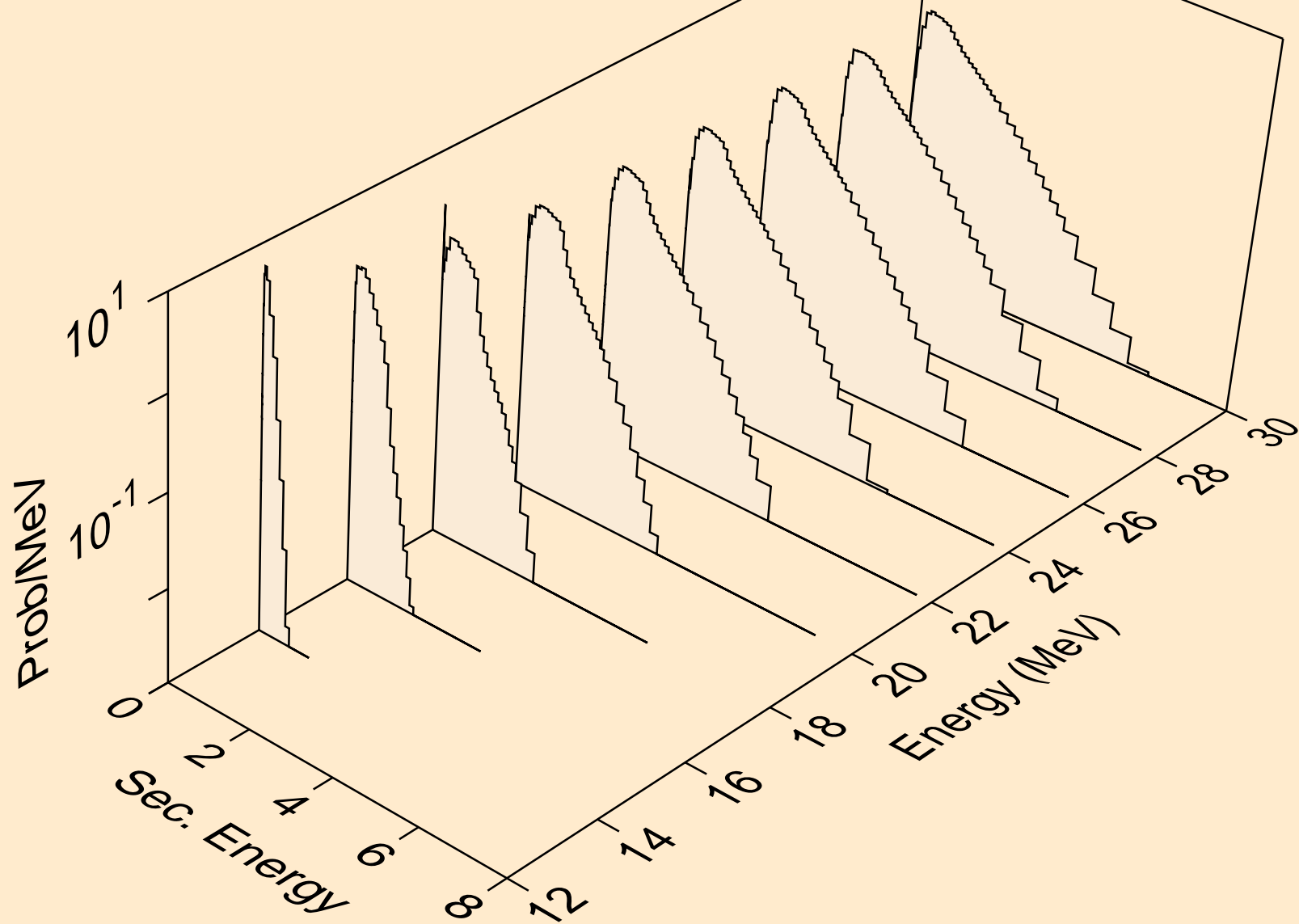
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Neutron emission for (n,n\*)p



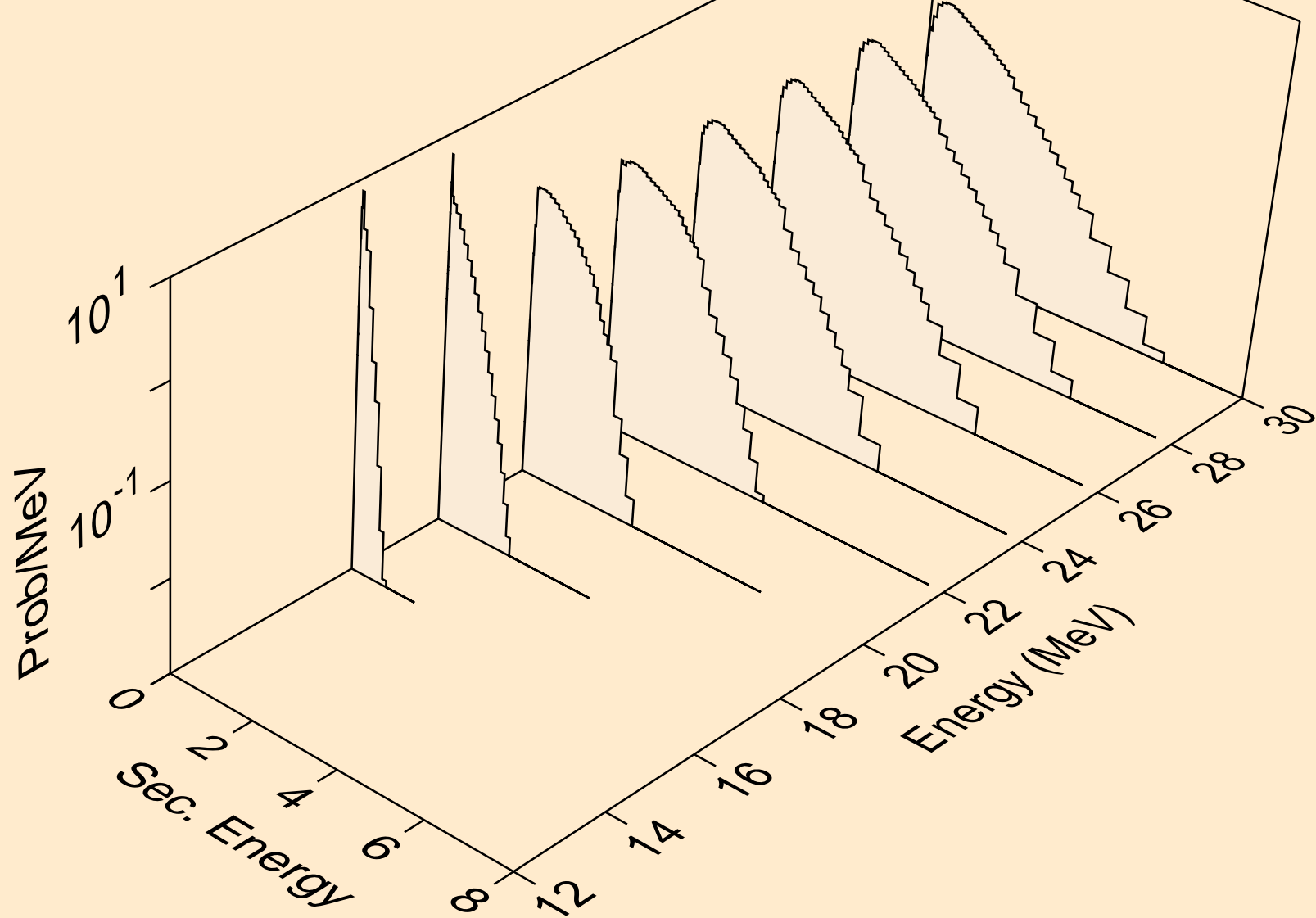
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Neutron emission for (n,n\*)2a



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

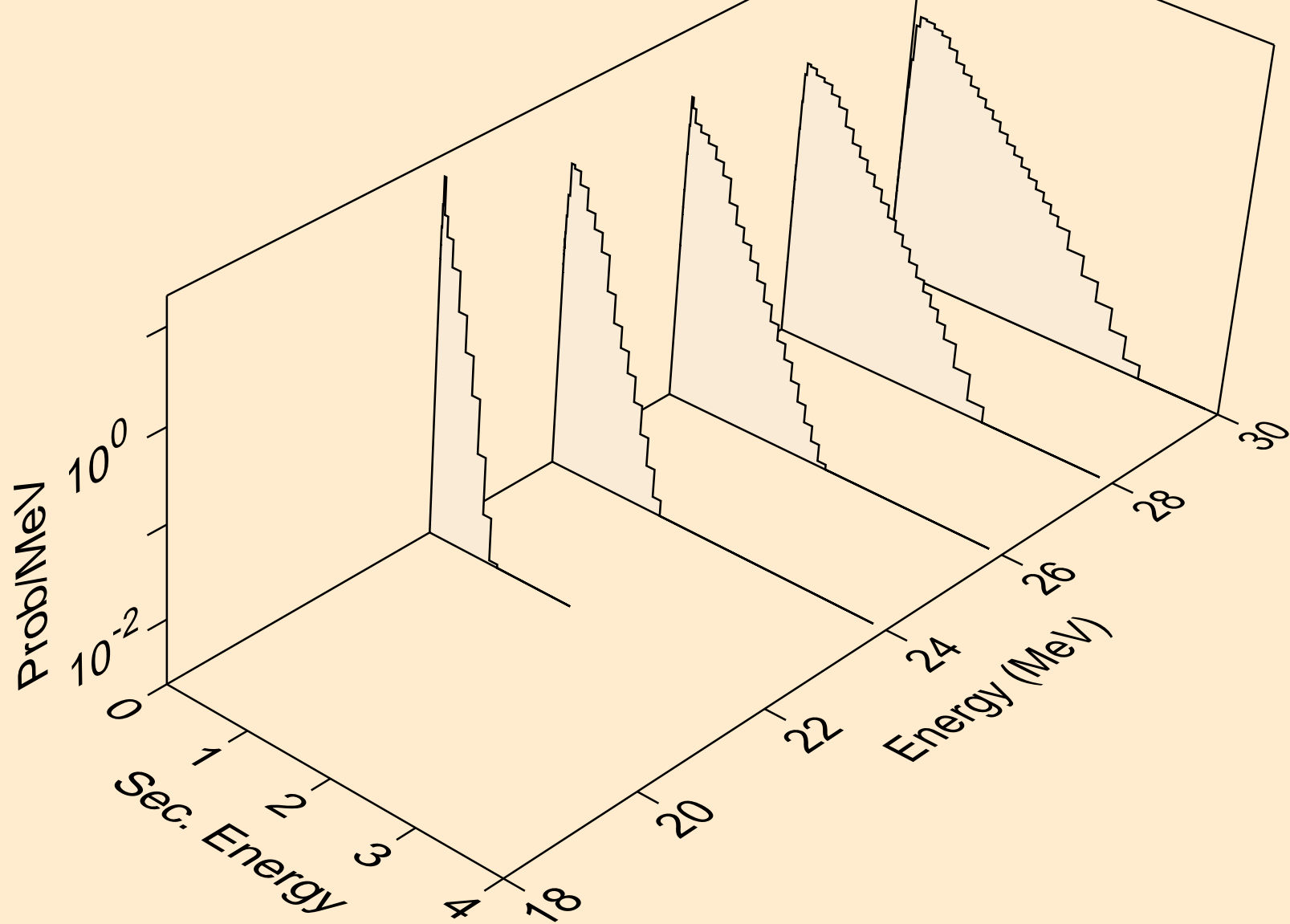


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

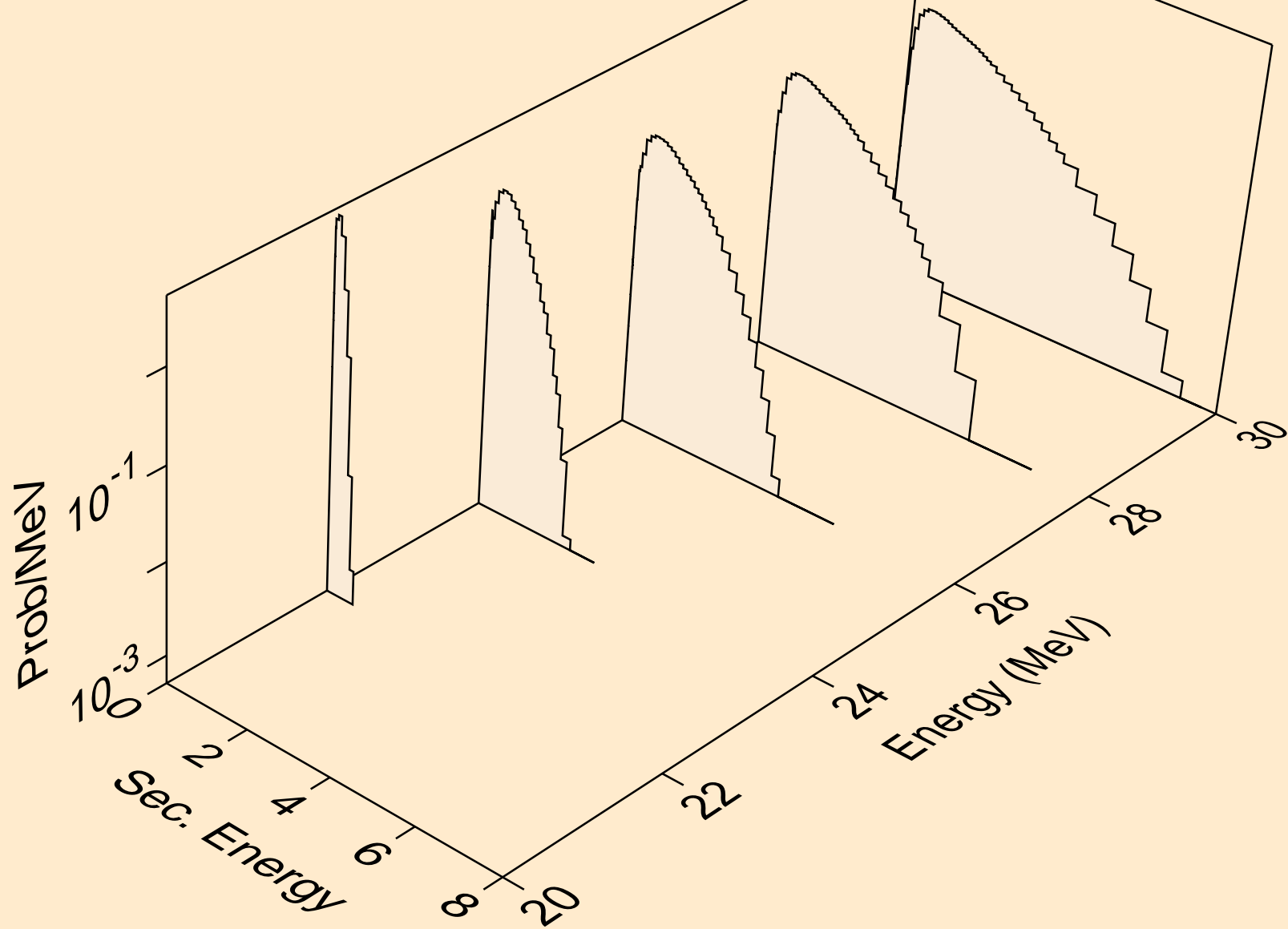




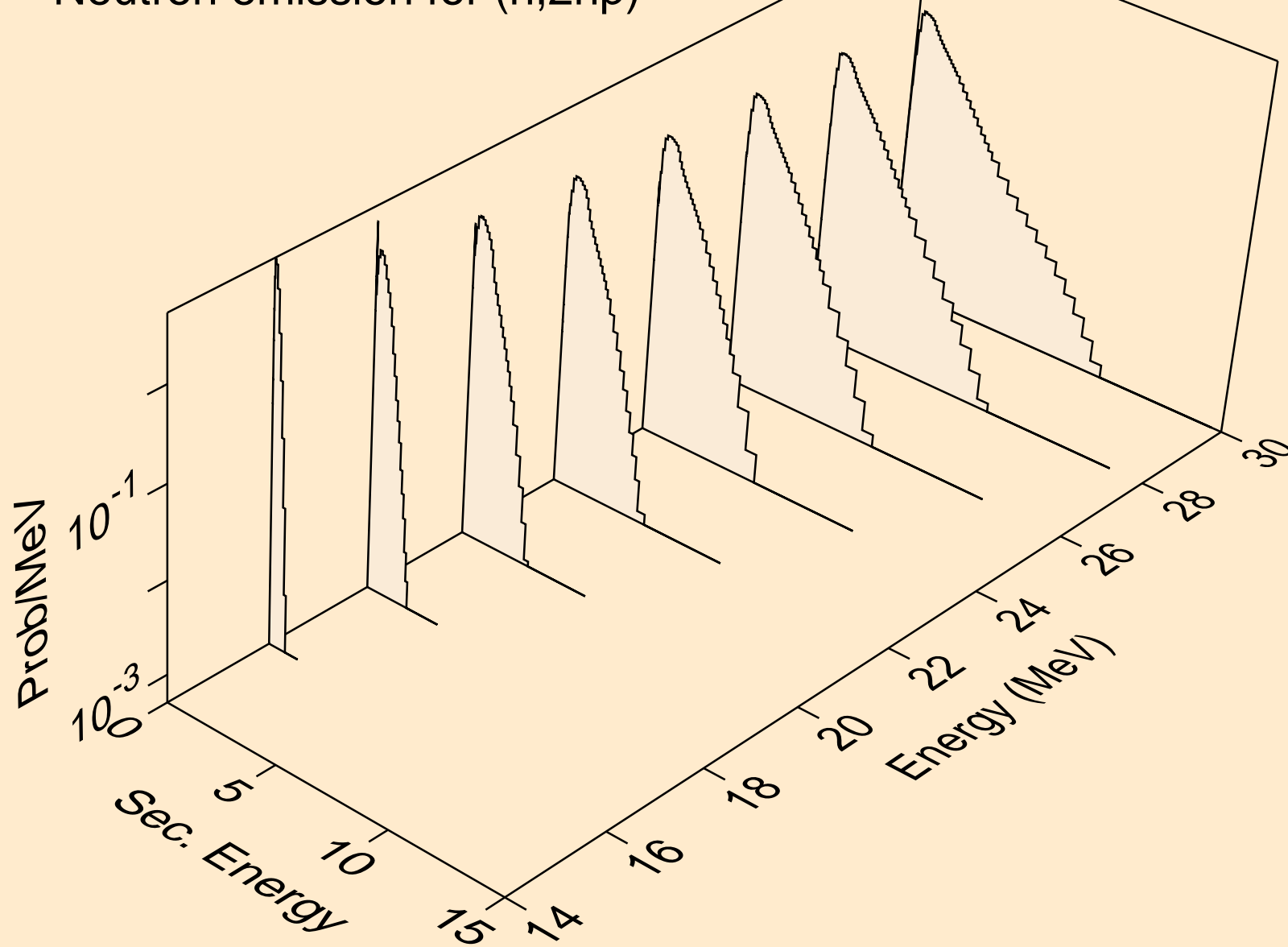
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Neutron emission for (n,n\*)he3



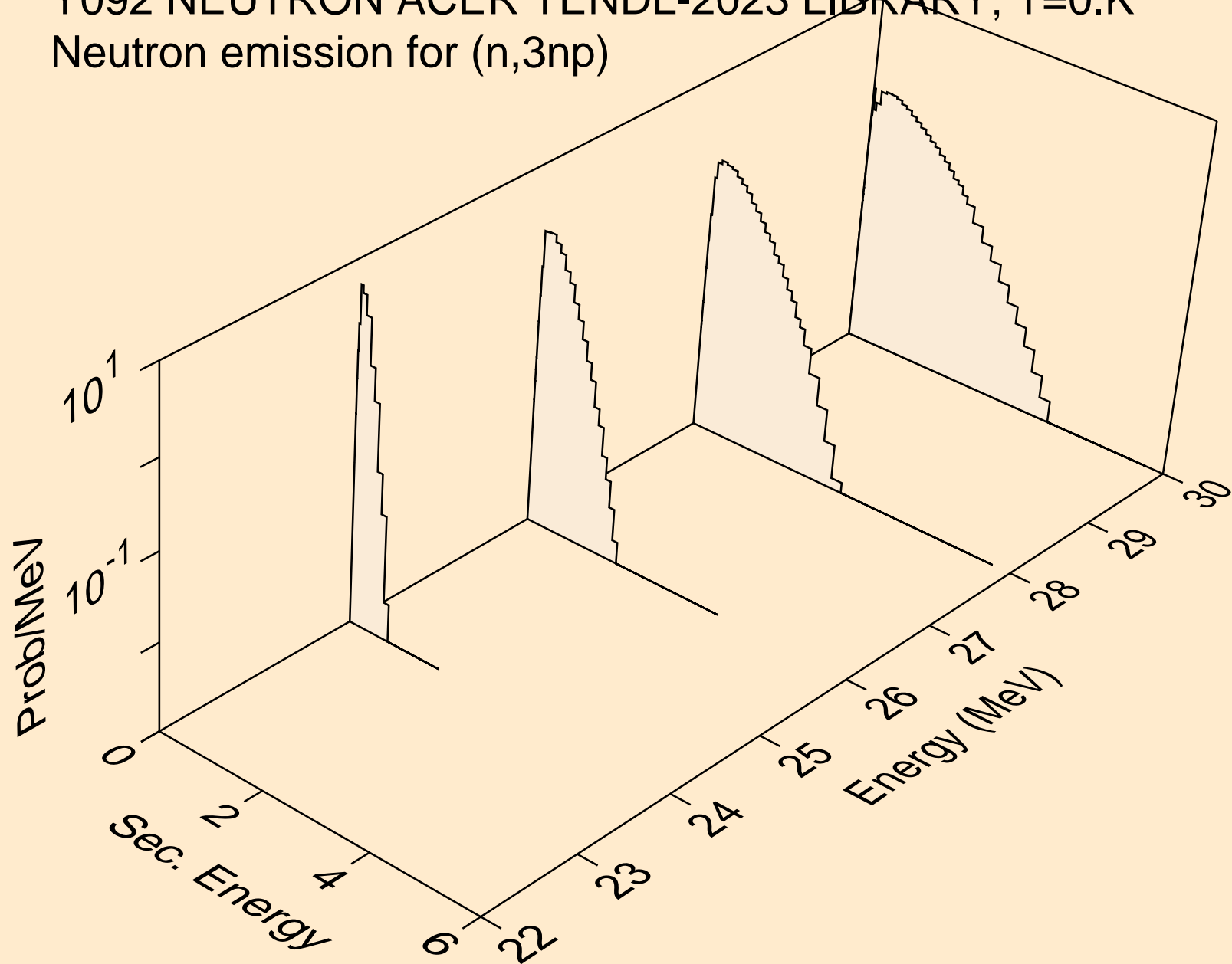
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Neutron emission for (n,4n)



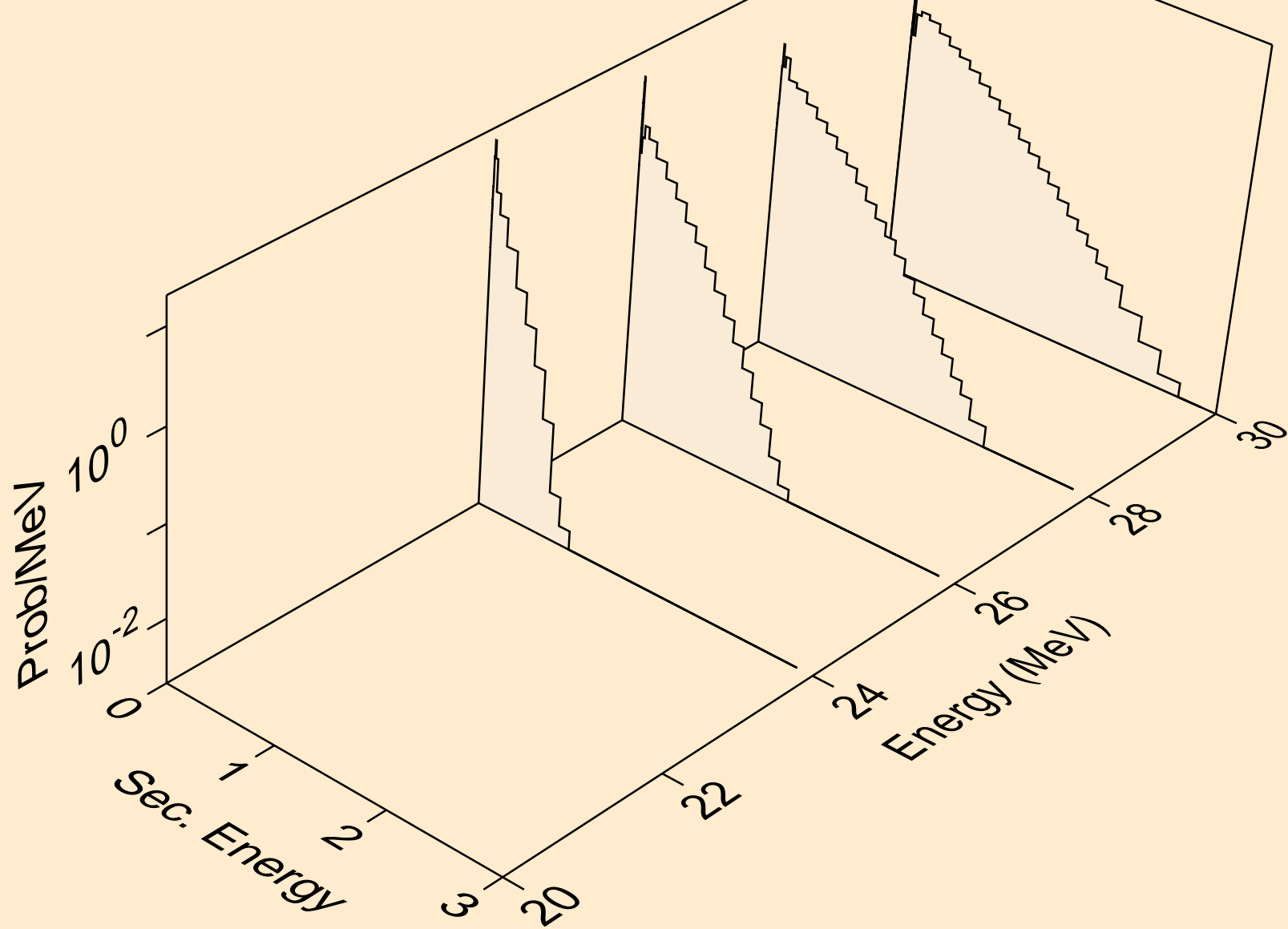
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Neutron emission for (n,2np)



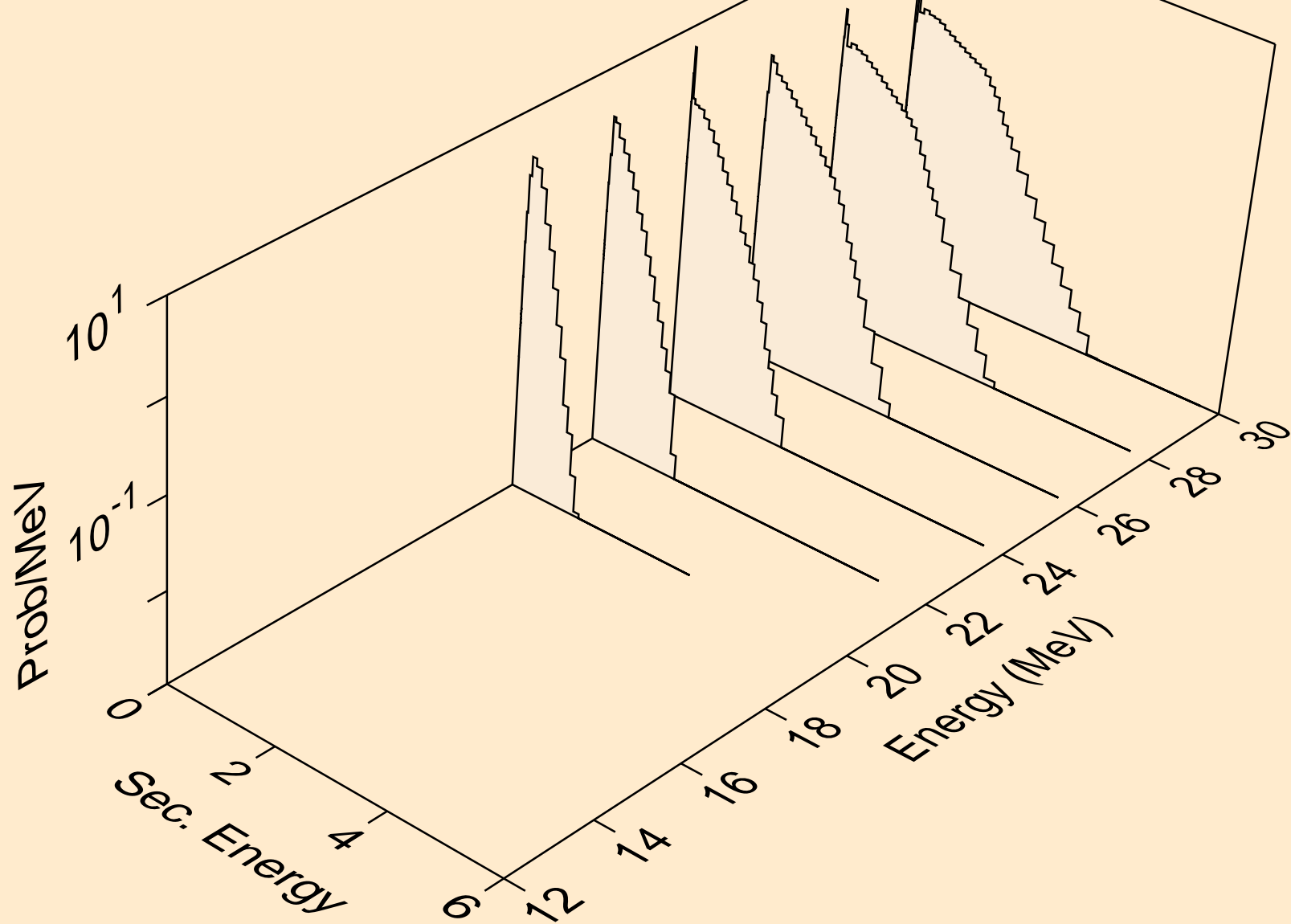
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Neutron emission for (n,3np)



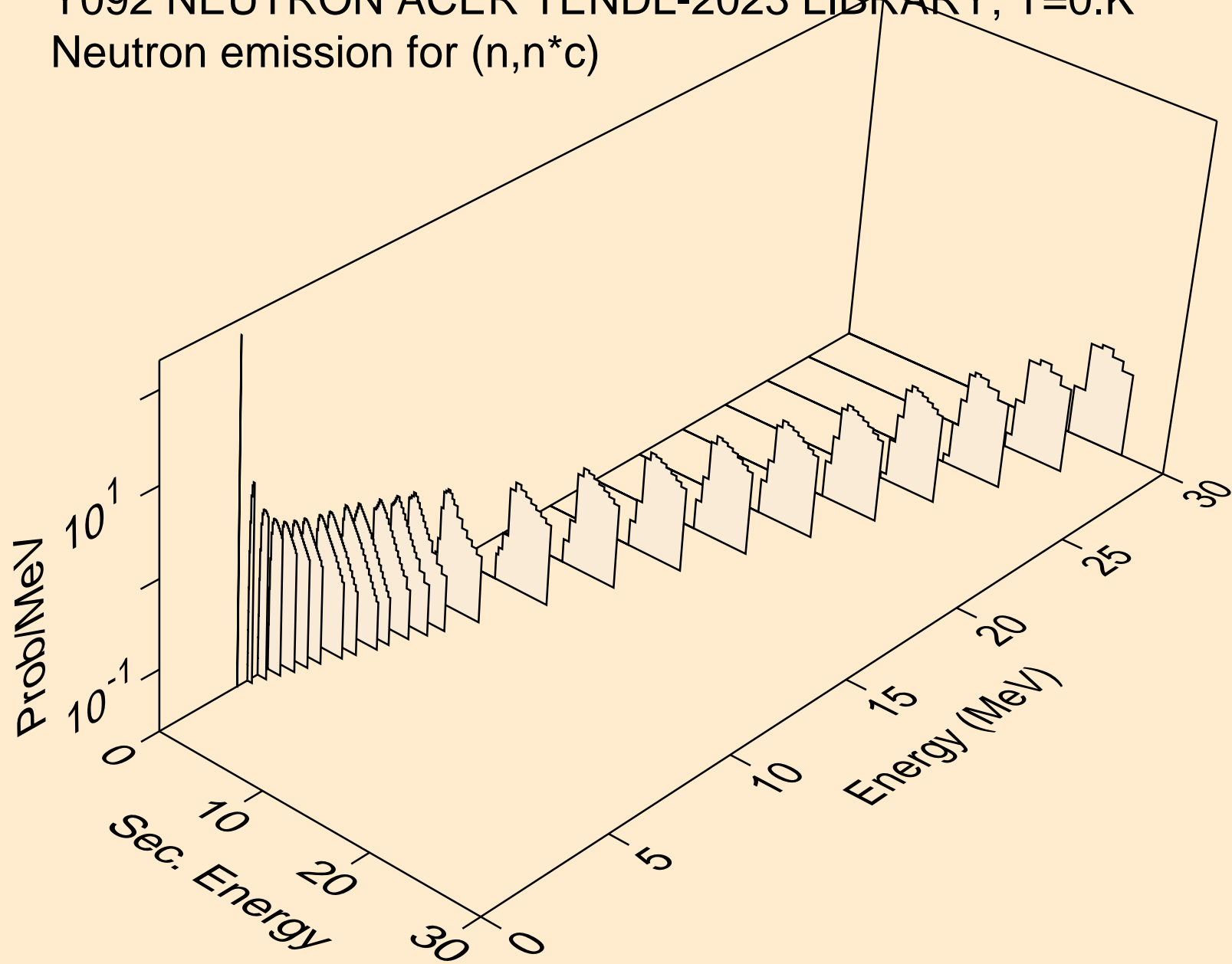
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Neutron emission for (n,n2p)



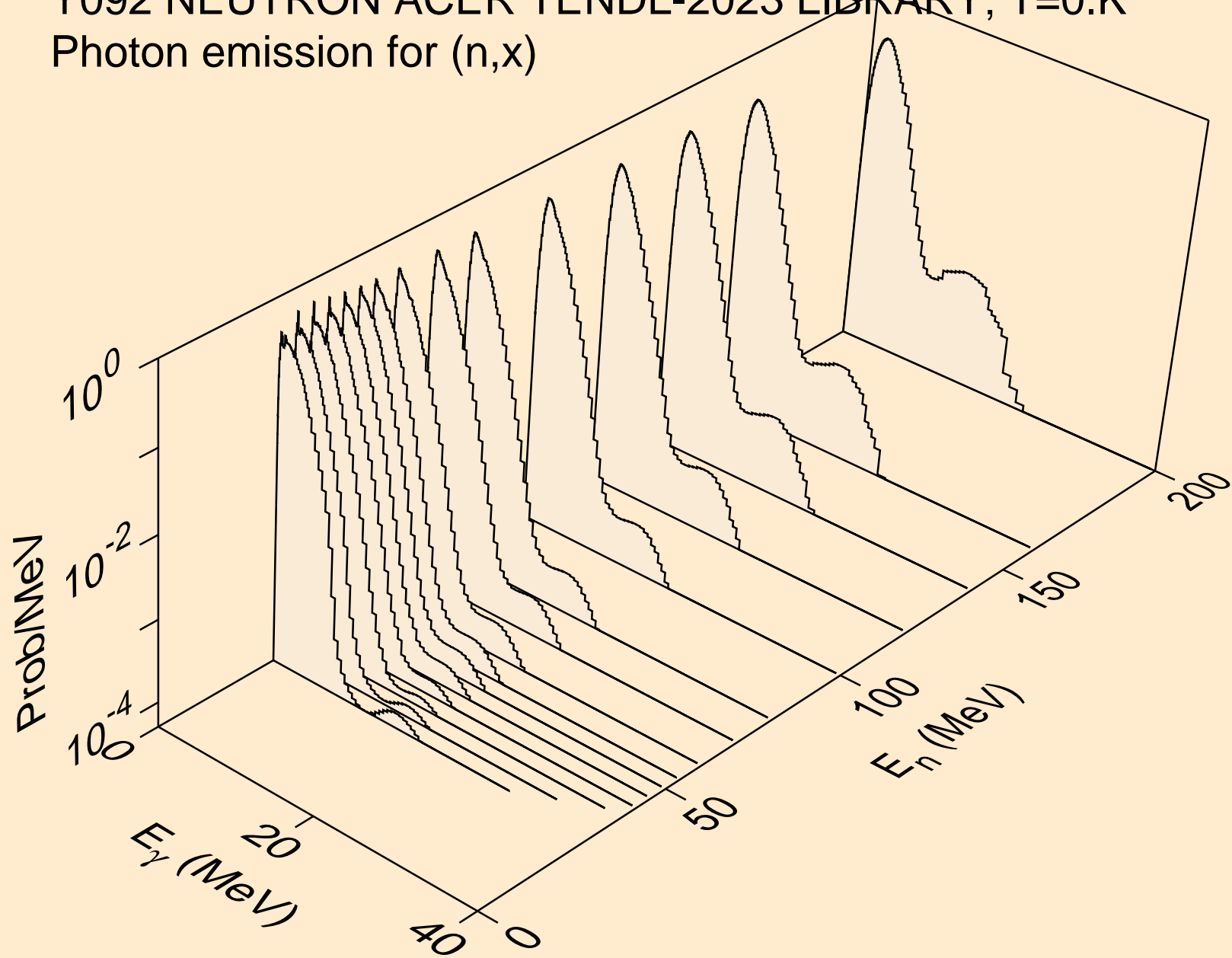
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

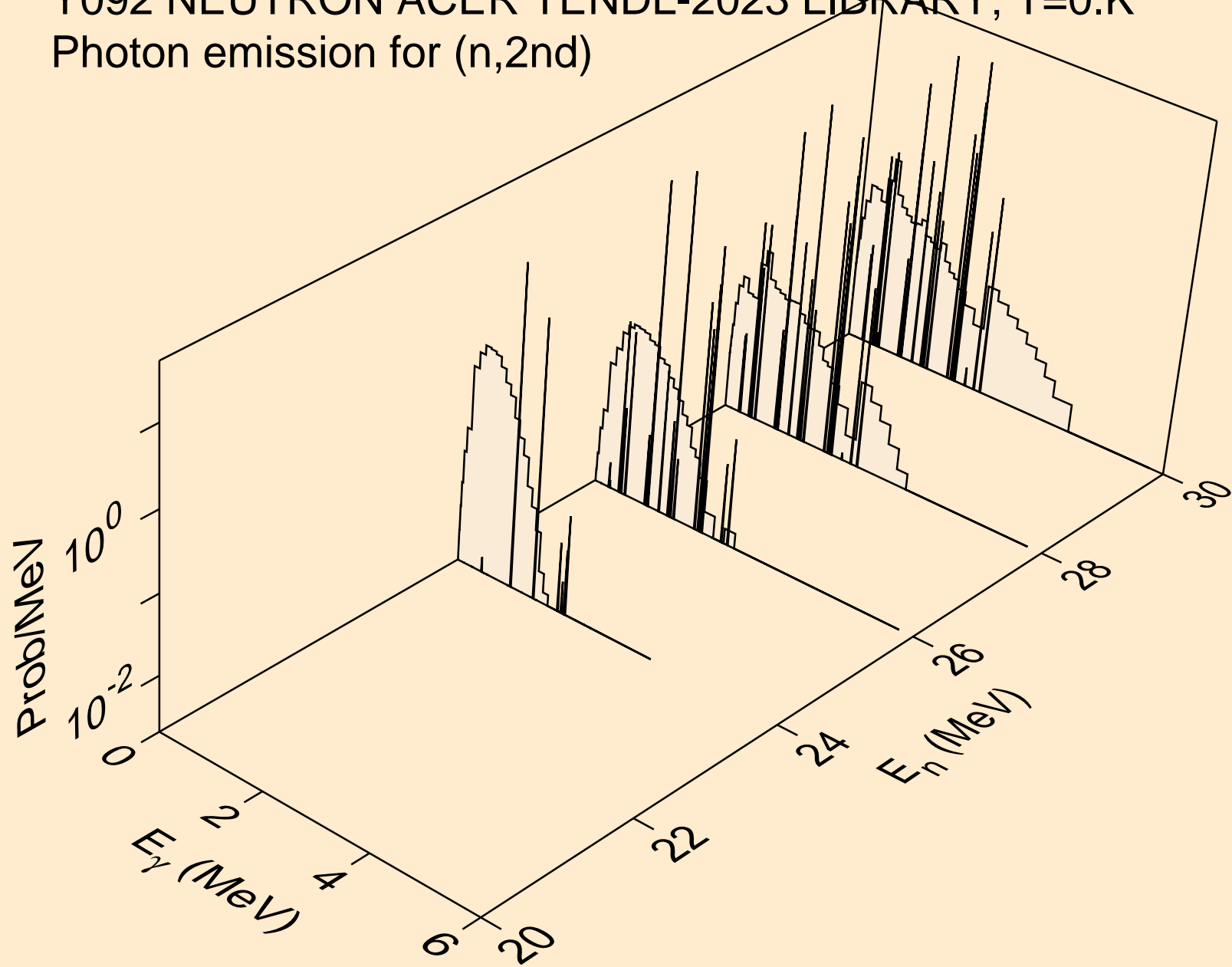


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Photon emission for (n,x)

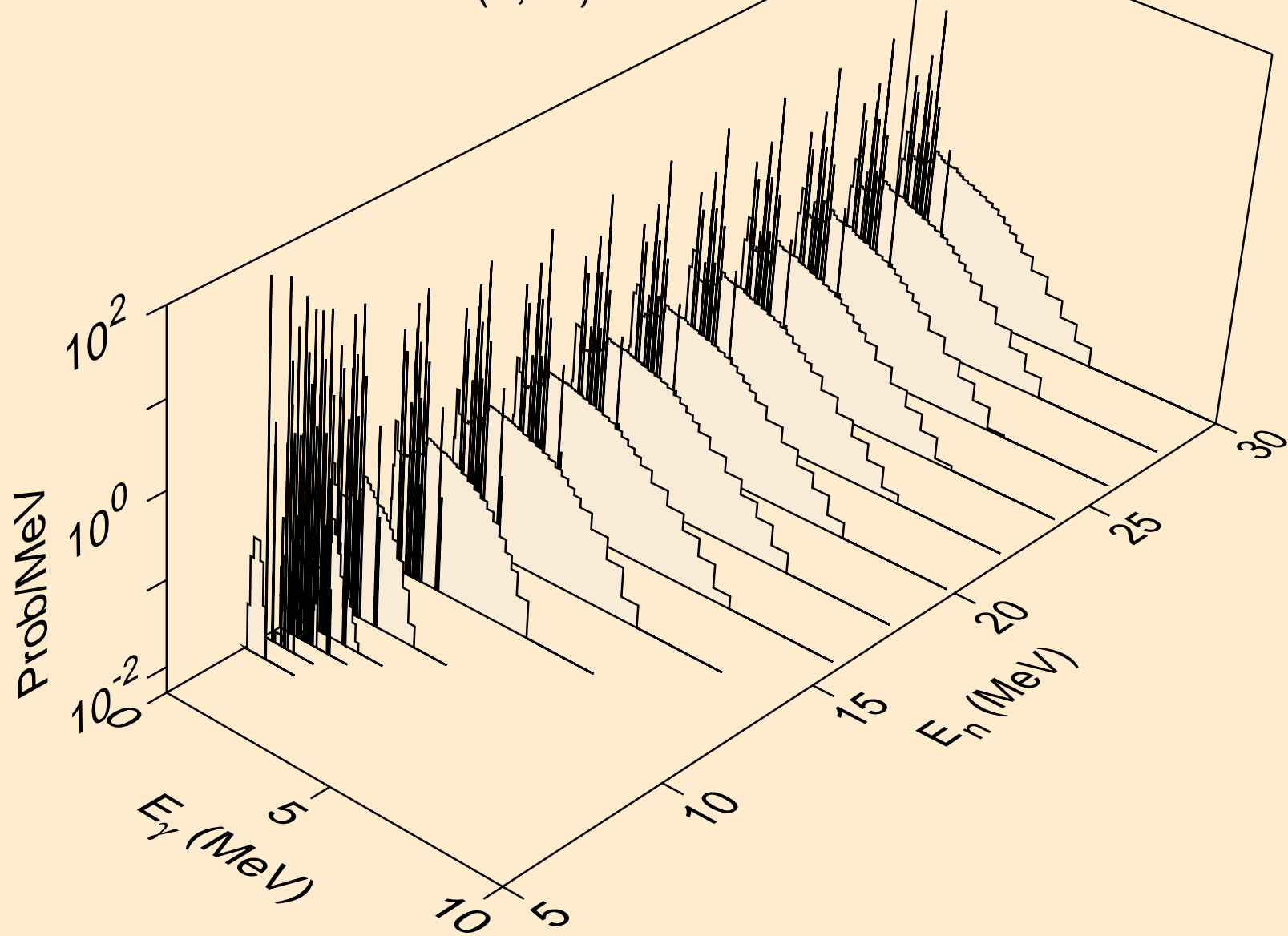




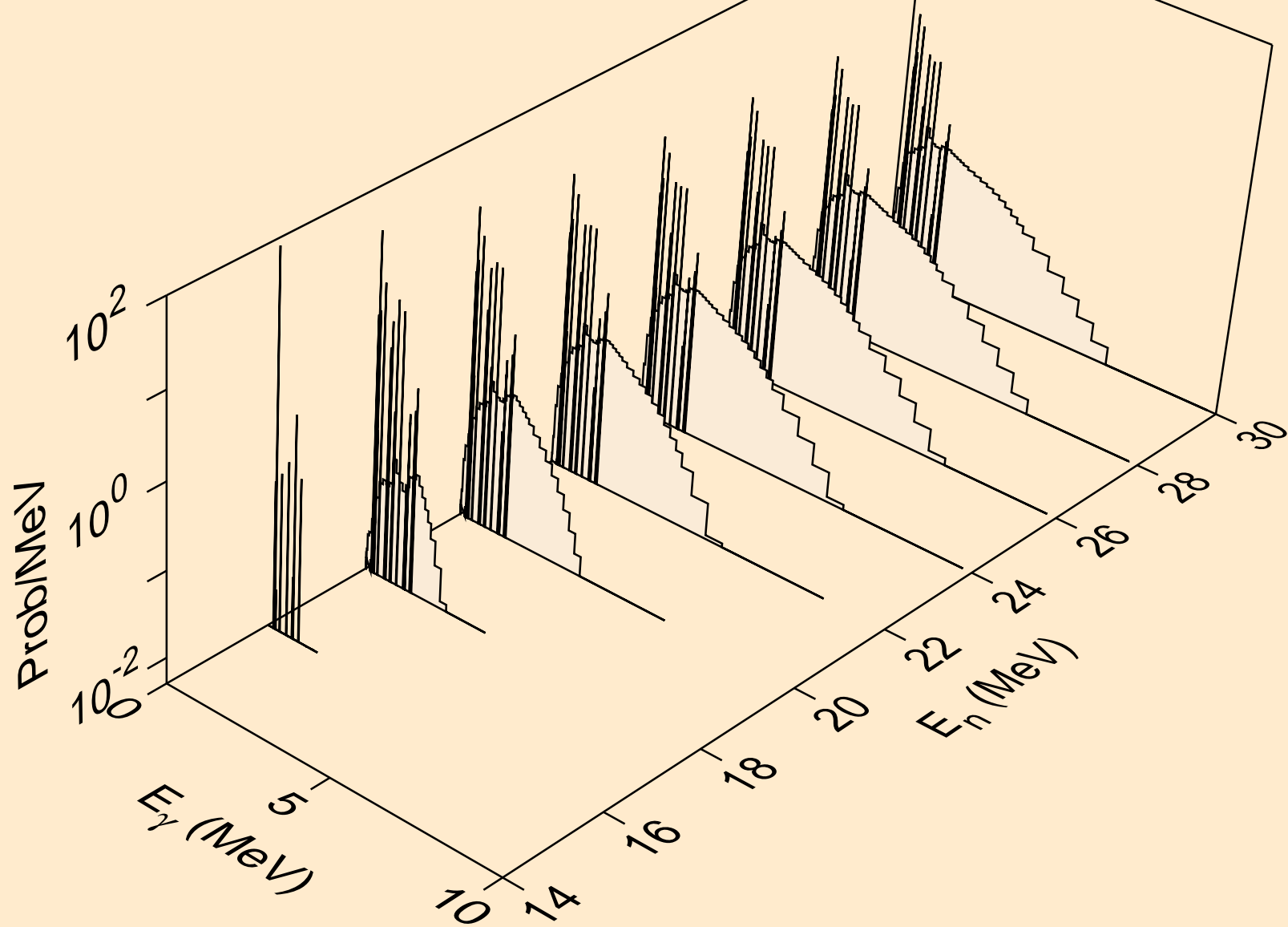
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Photon emission for (n,2nd)



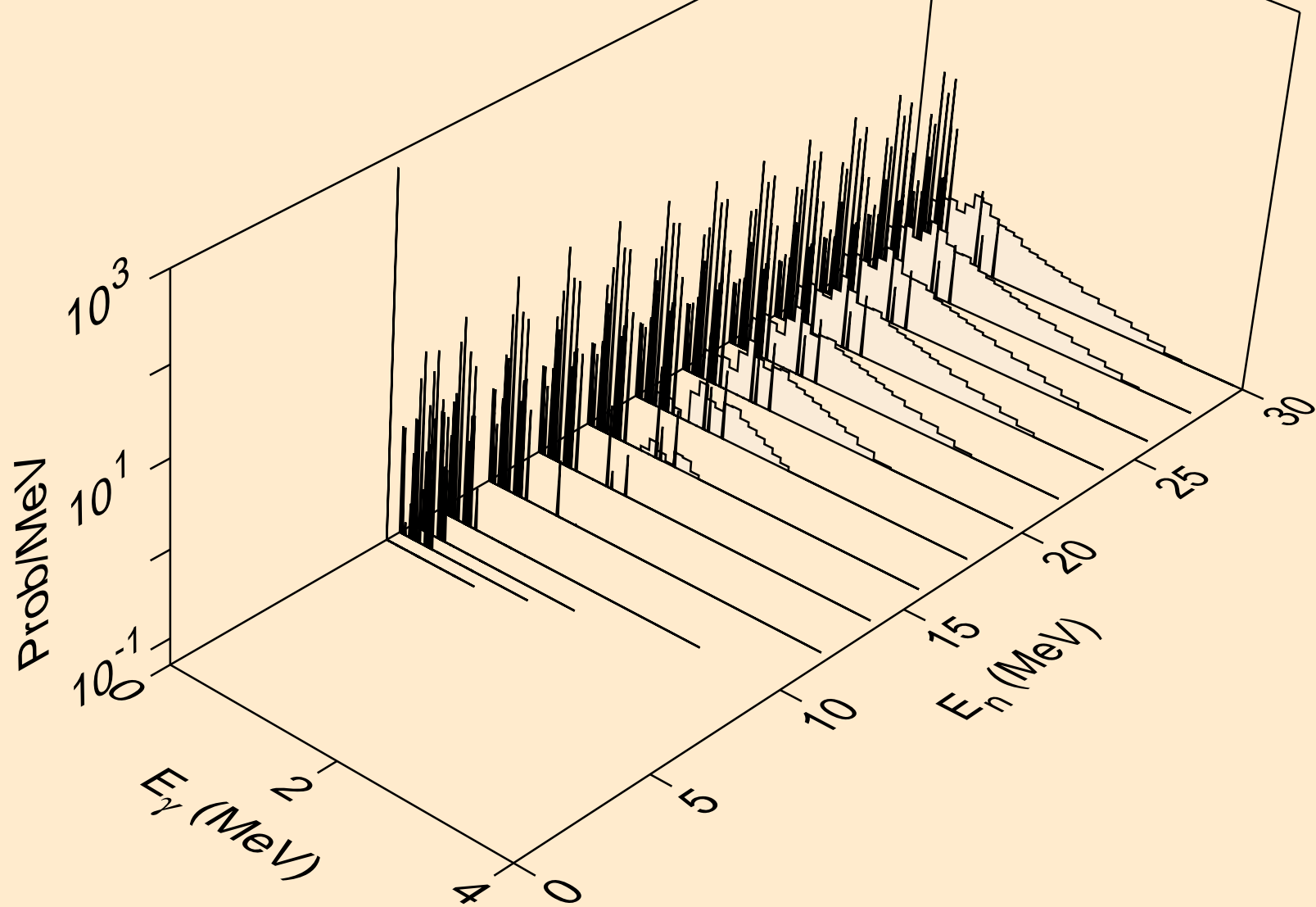
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Photon emission for (n,2n)



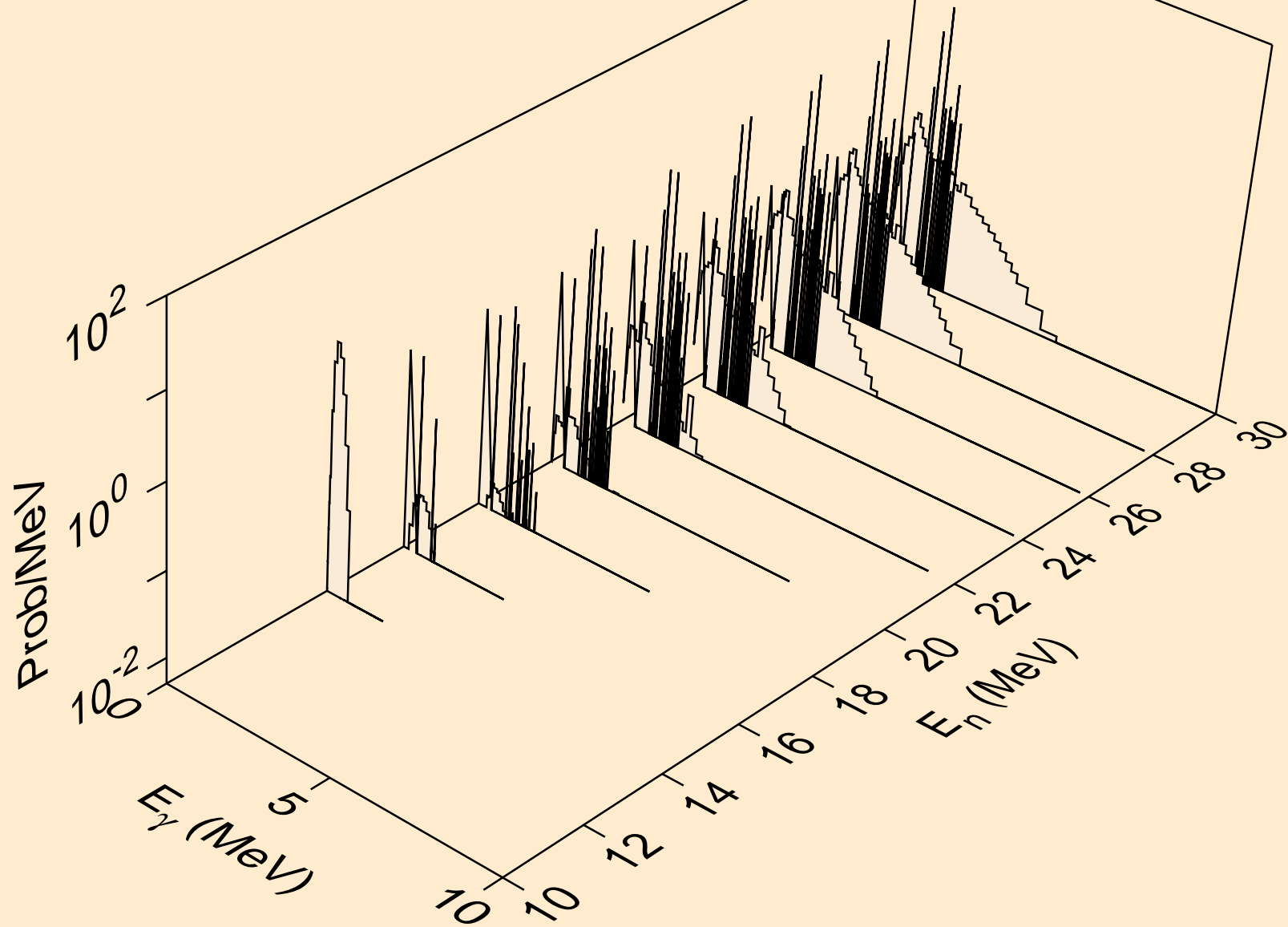
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Photon emission for (n,3n)



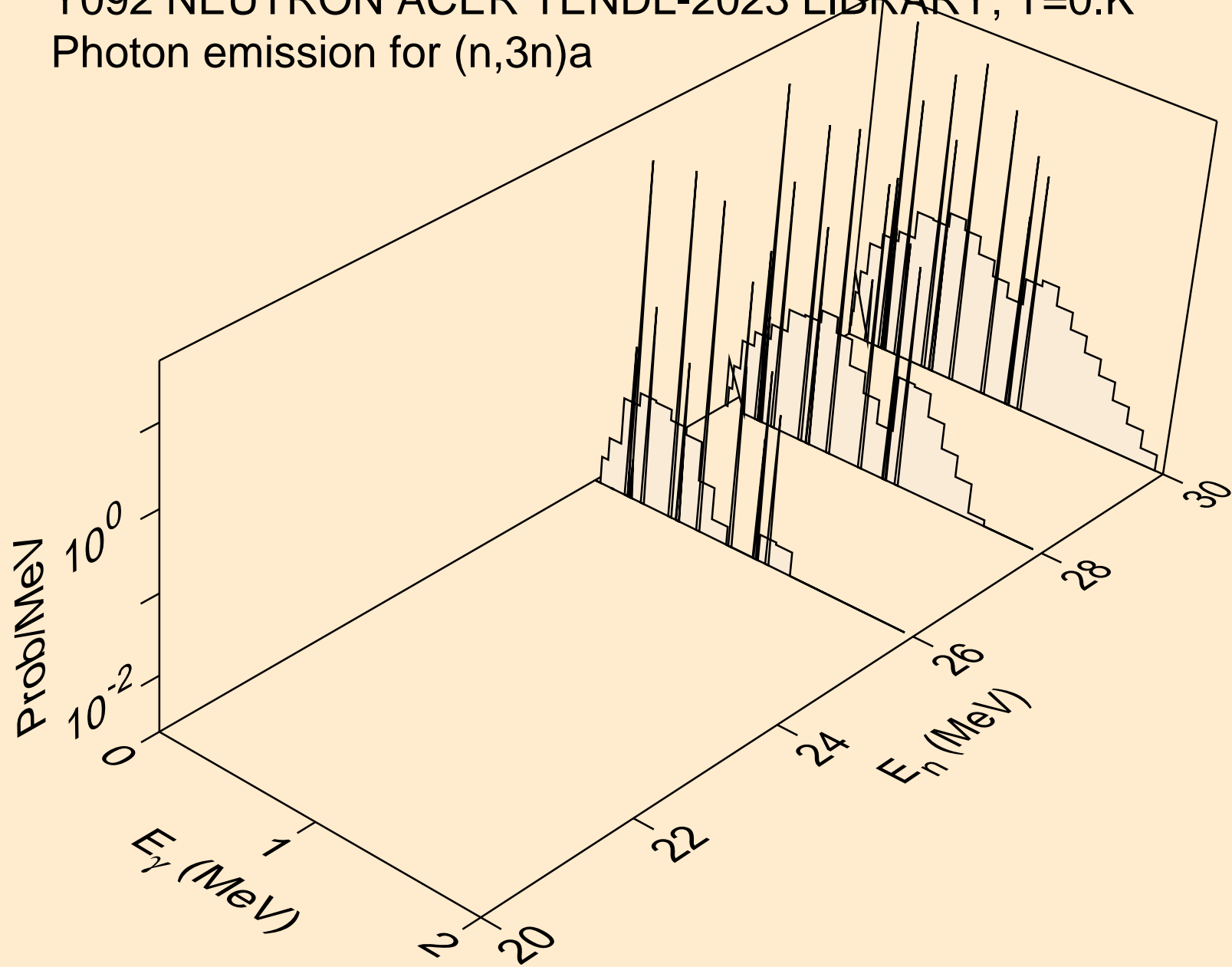
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Photon emission for (n,n\*)a



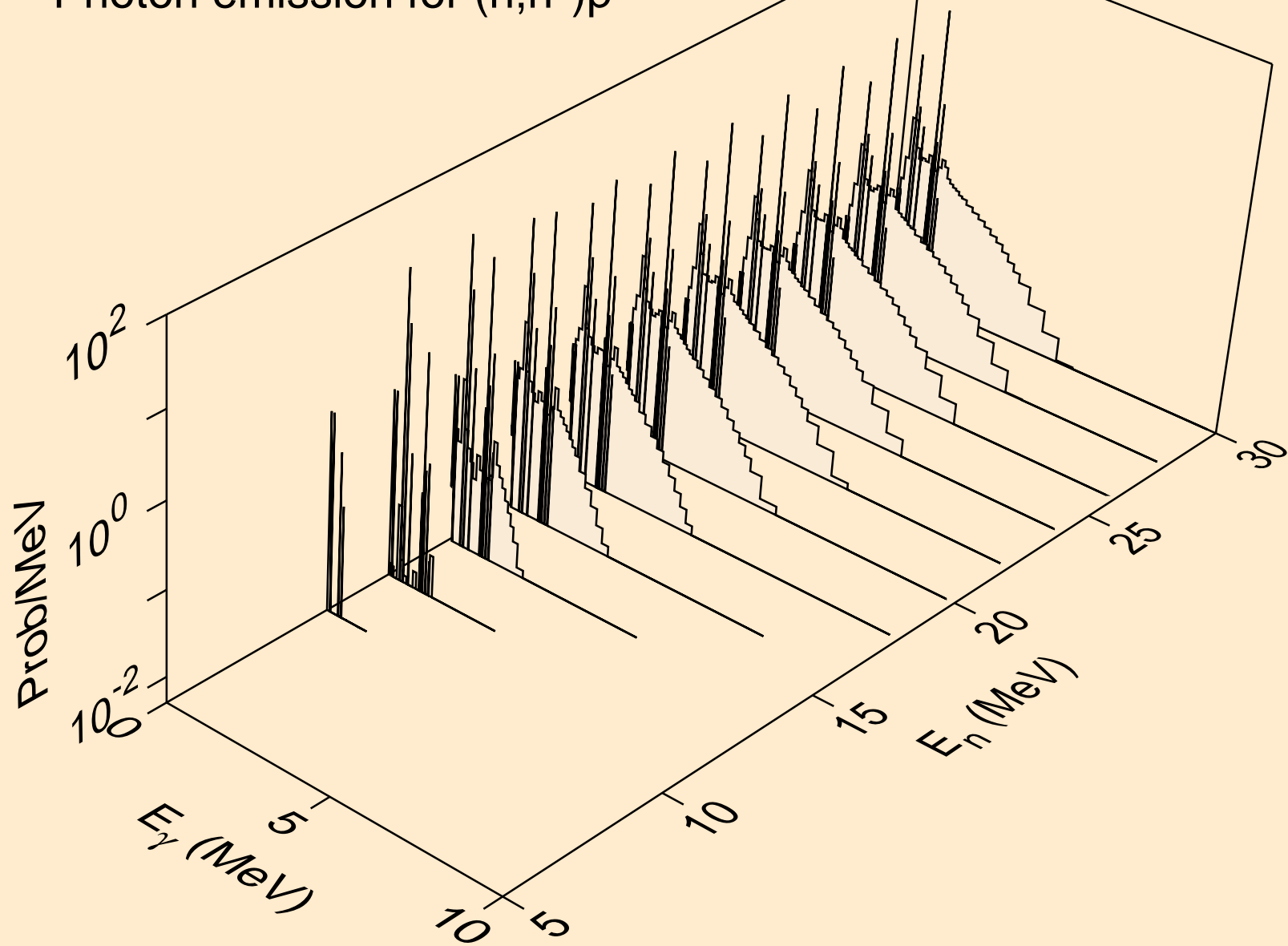
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Photon emission for (n,2n)a



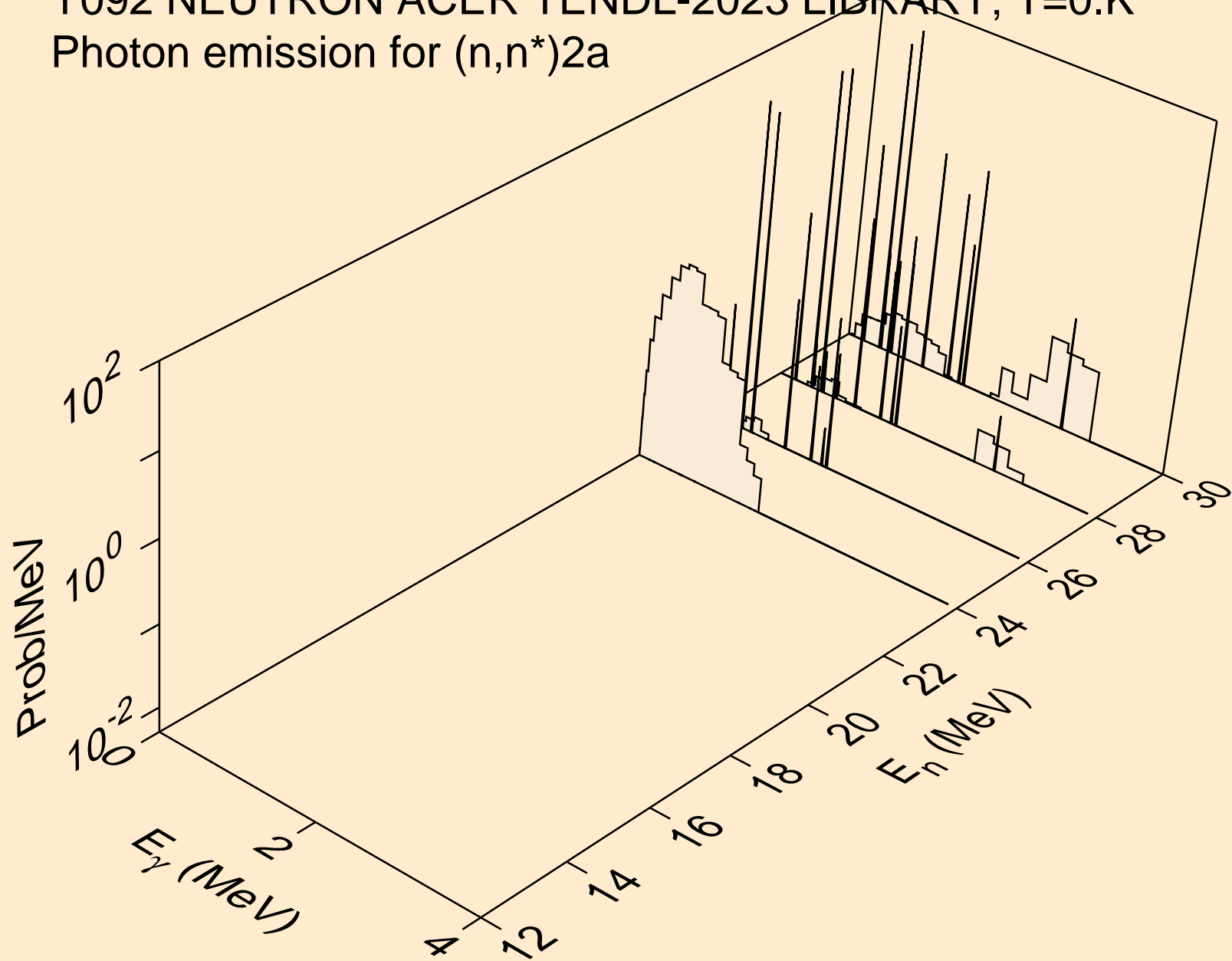
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Photon emission for (n,3n)a



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

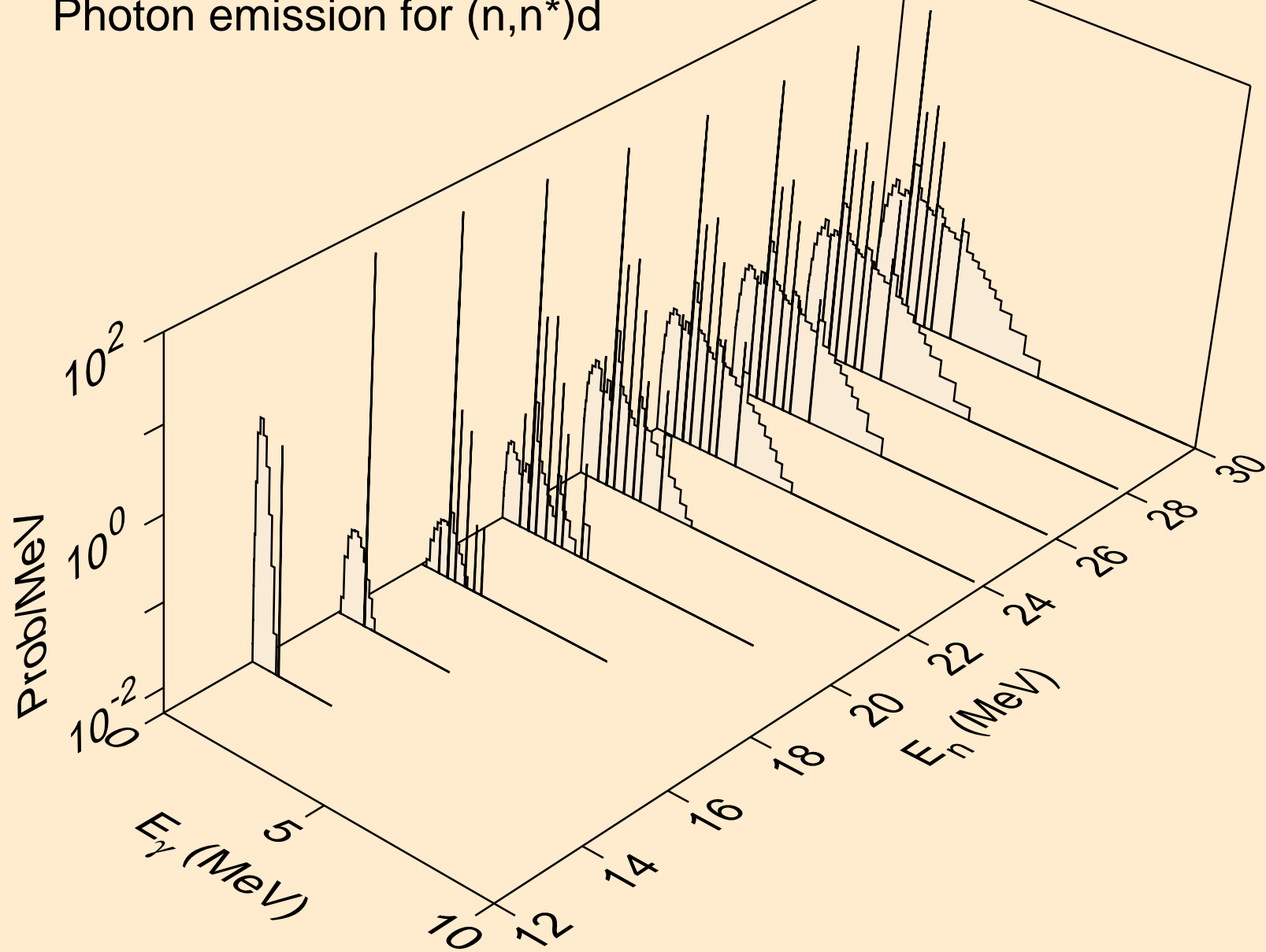


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Photon emission for (n,n\*)2a

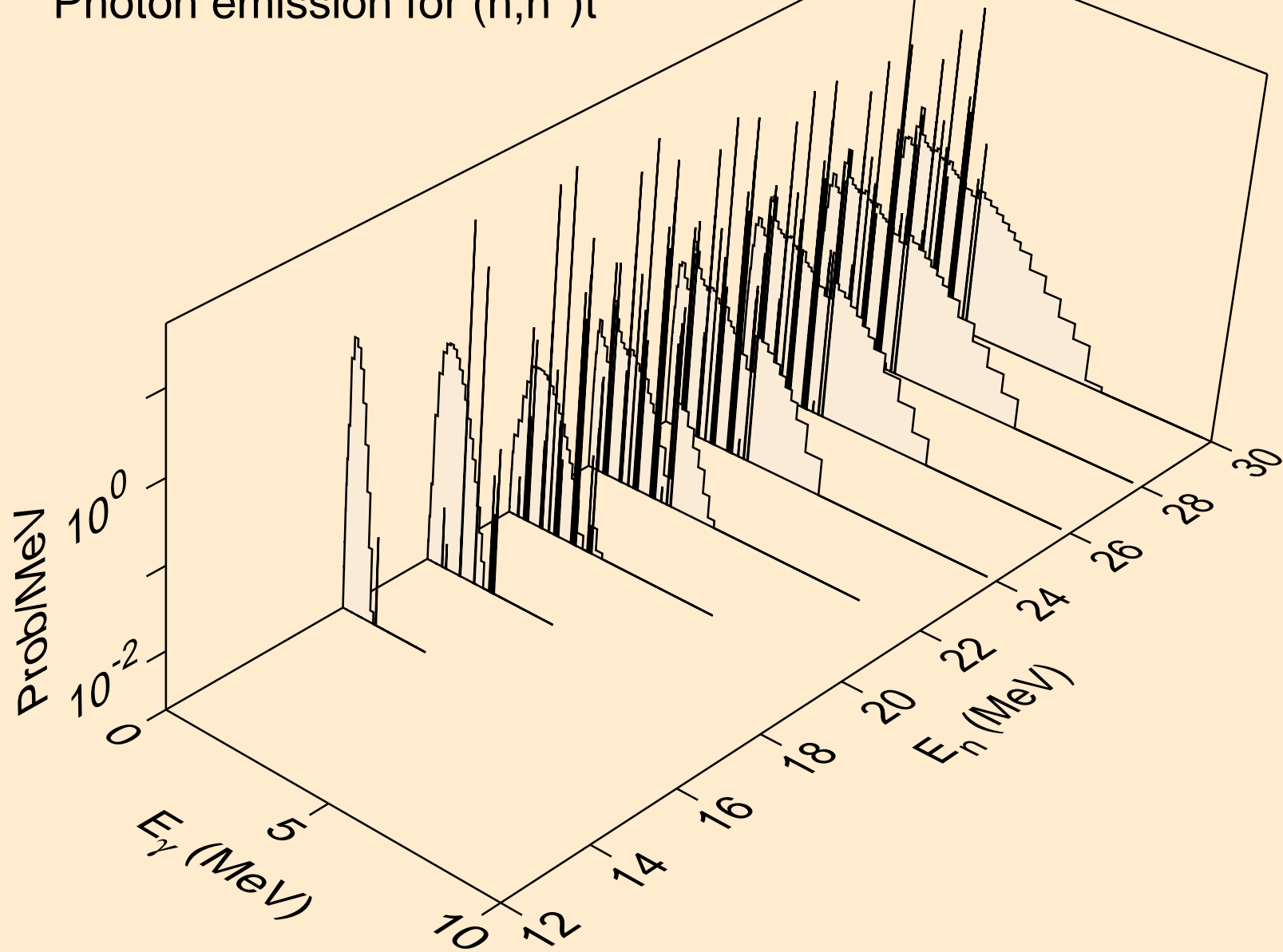




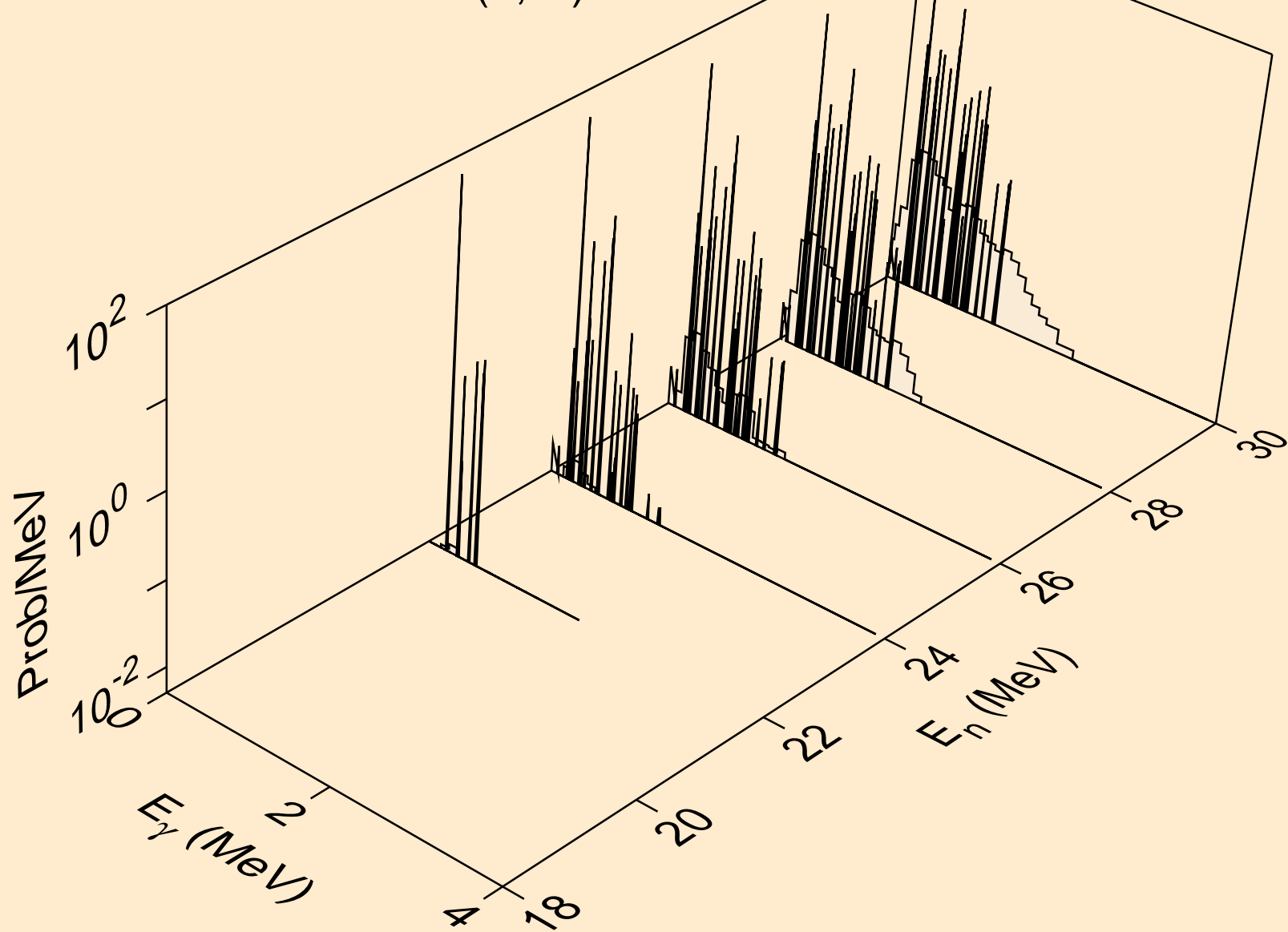
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Photon emission for (n,n\*)d



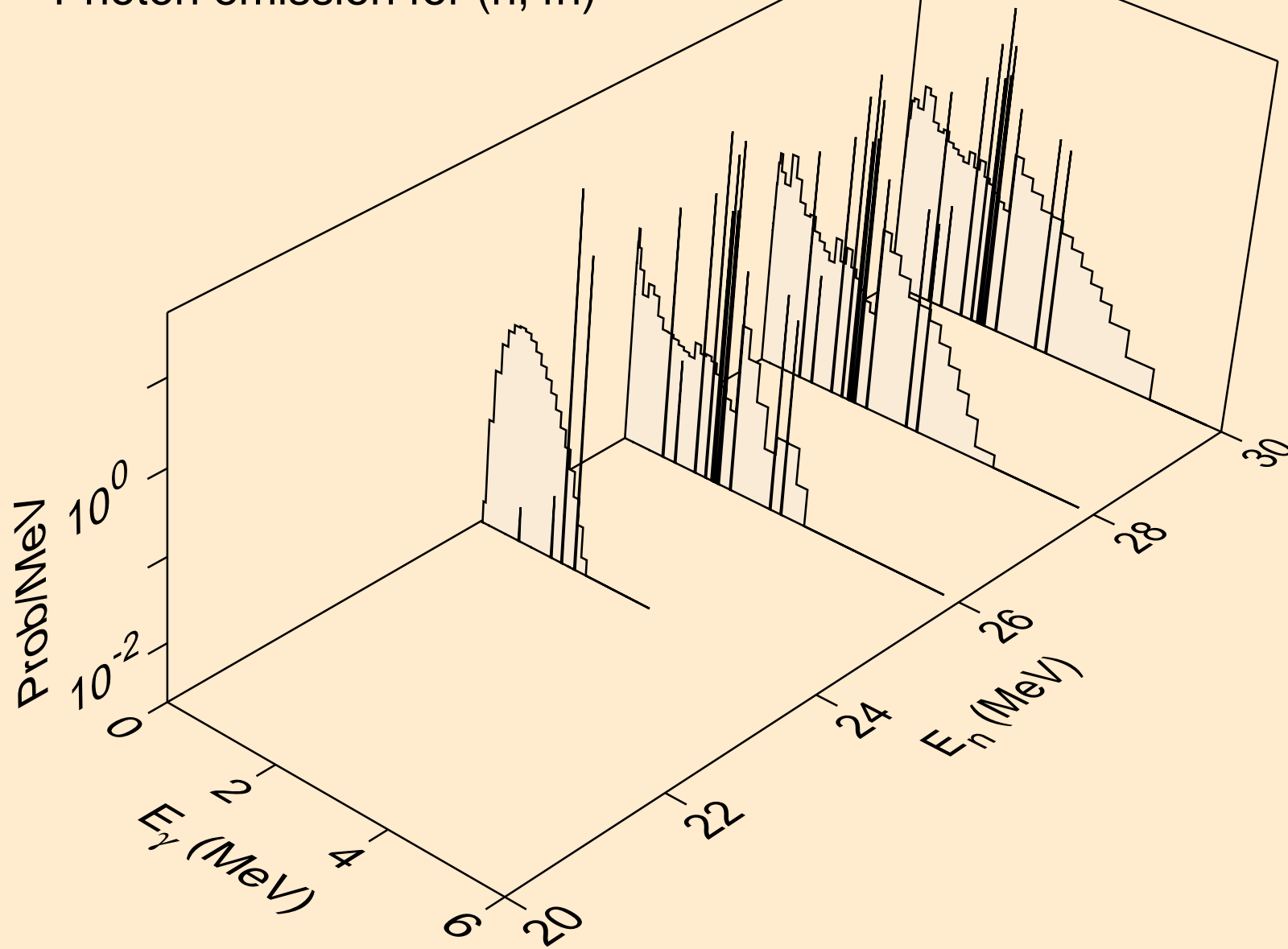
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Photon emission for (n,n\*)t



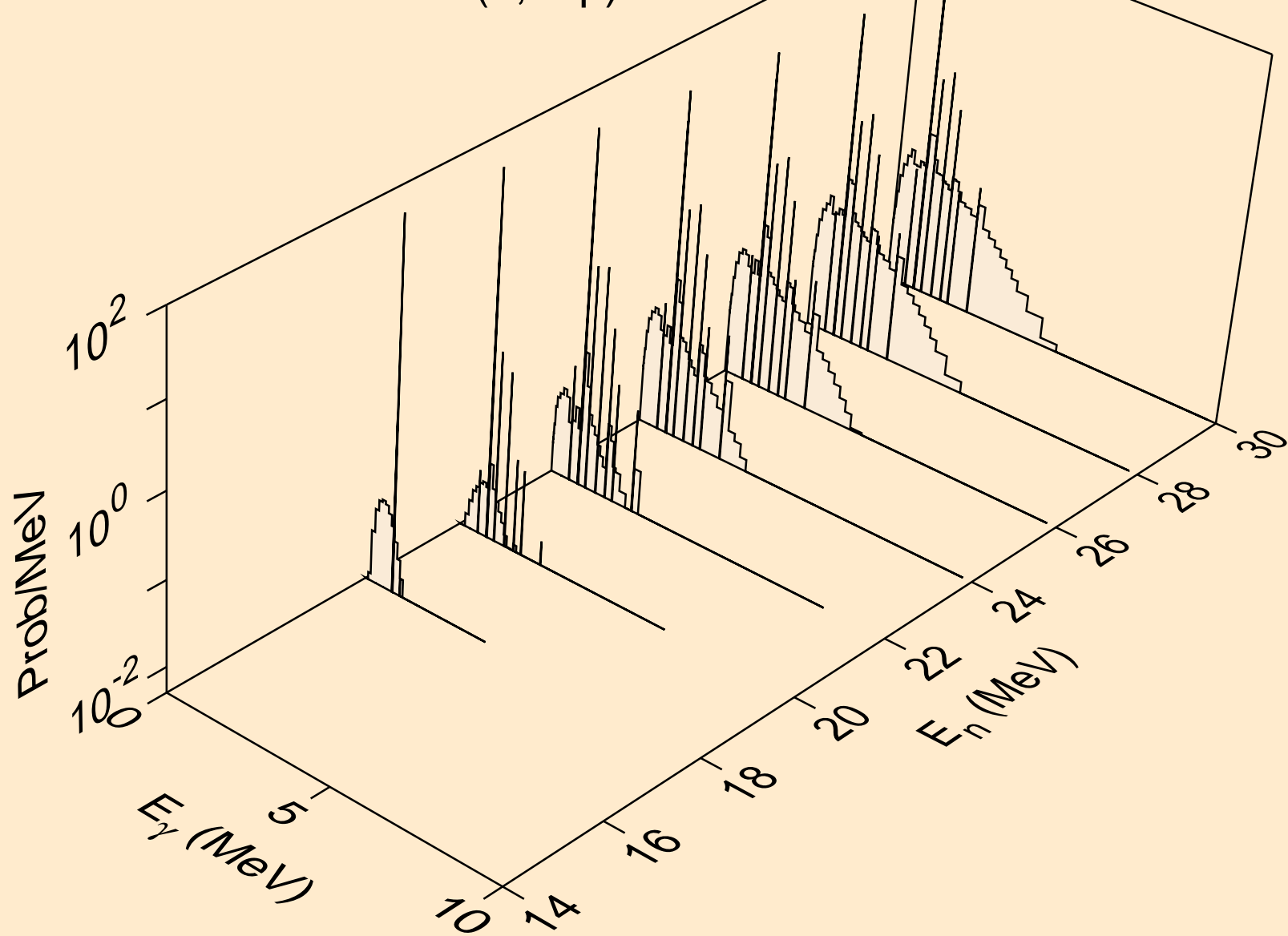
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Photon emission for (n,n\*)he3



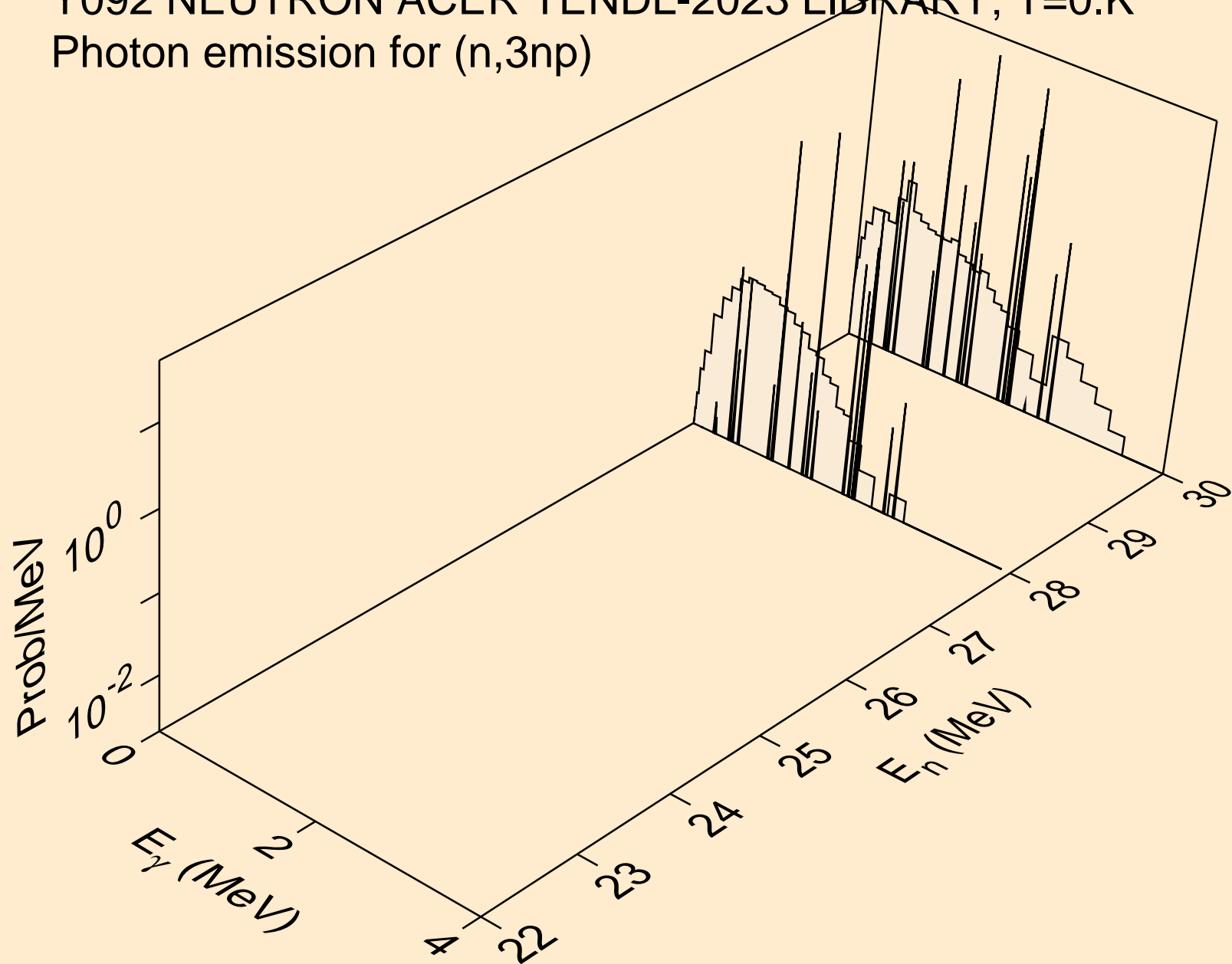
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Photon emission for (n,4n)



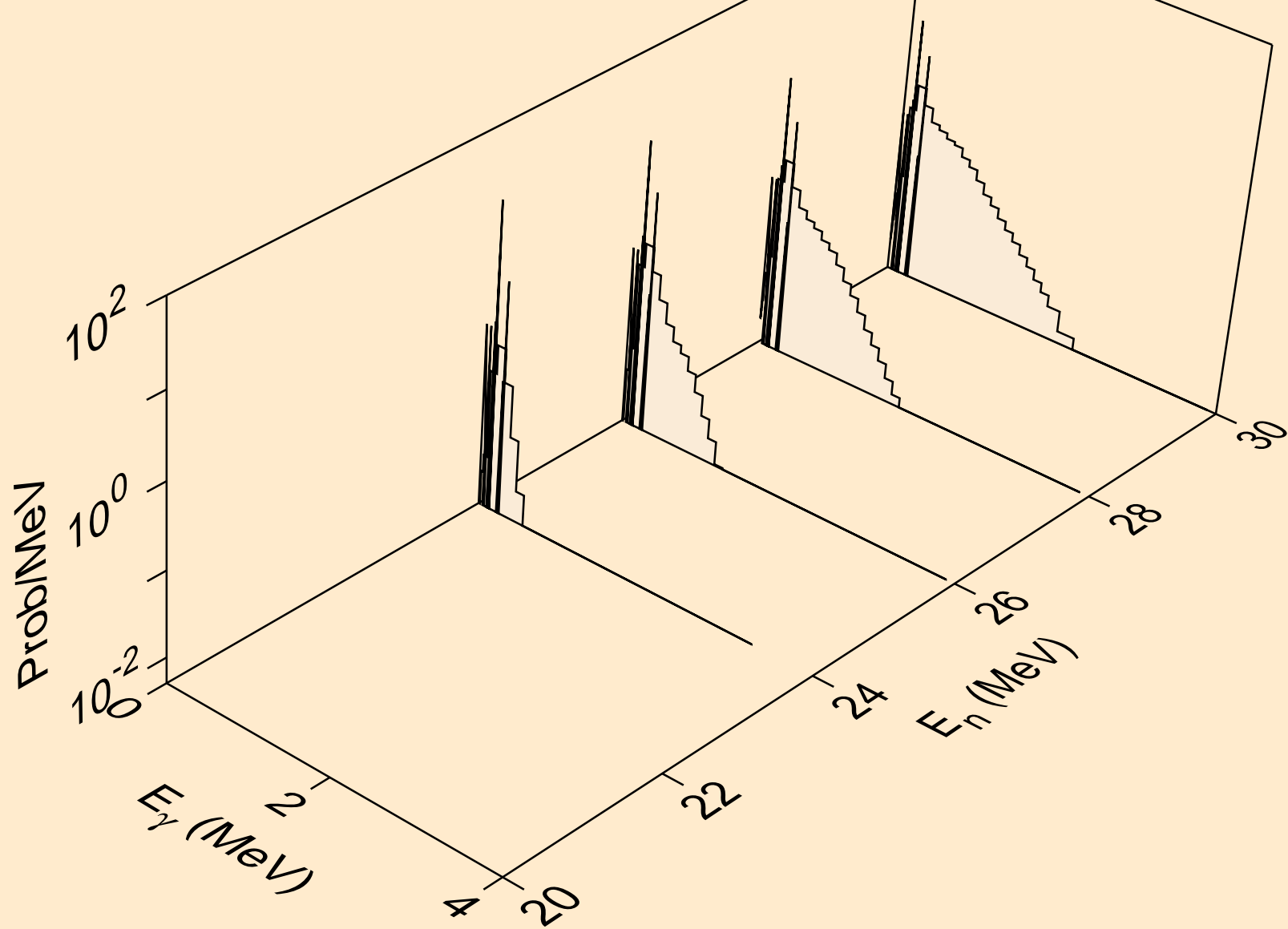
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Photon emission for (n,2np)



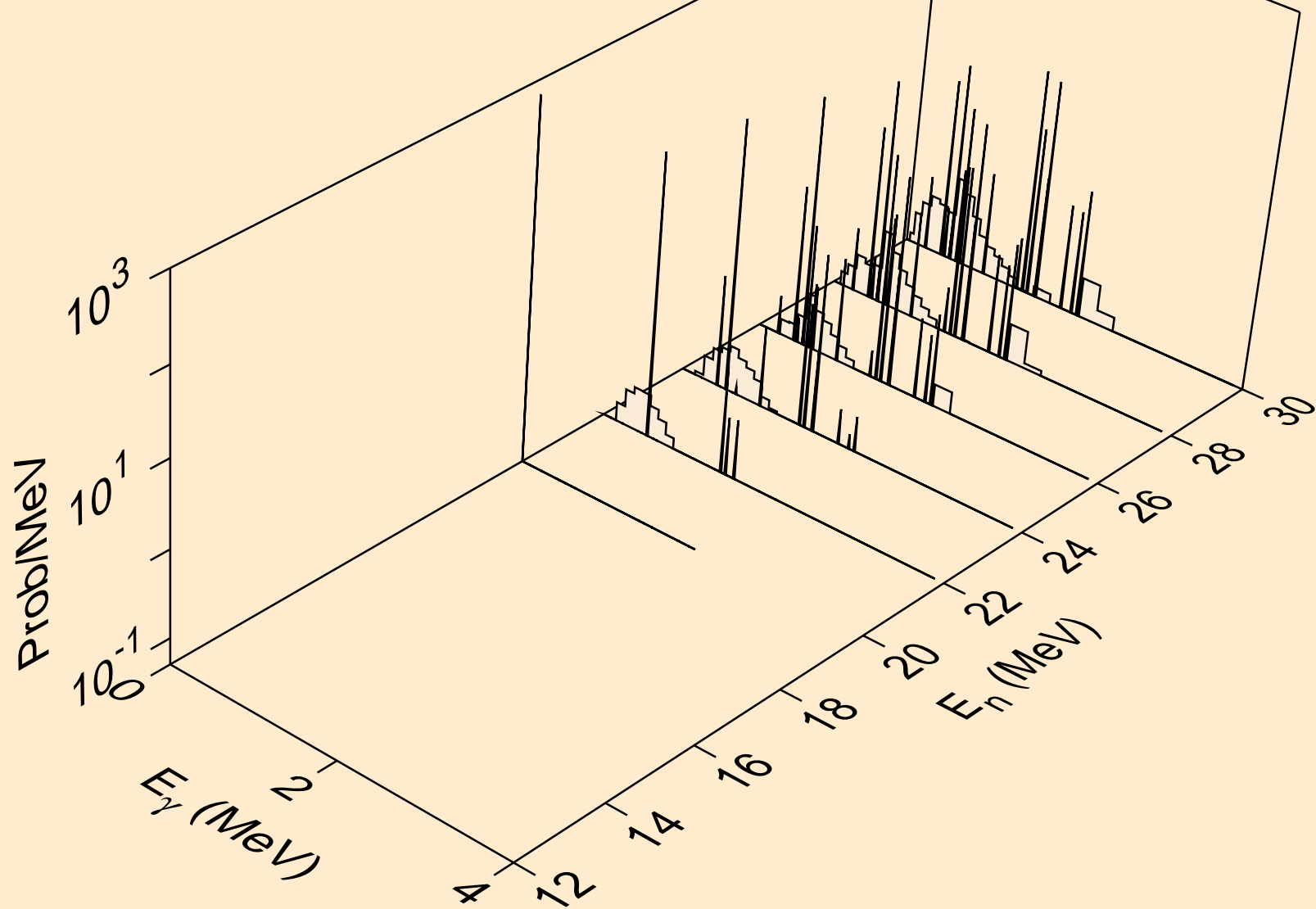
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Photon emission for (n,3np)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

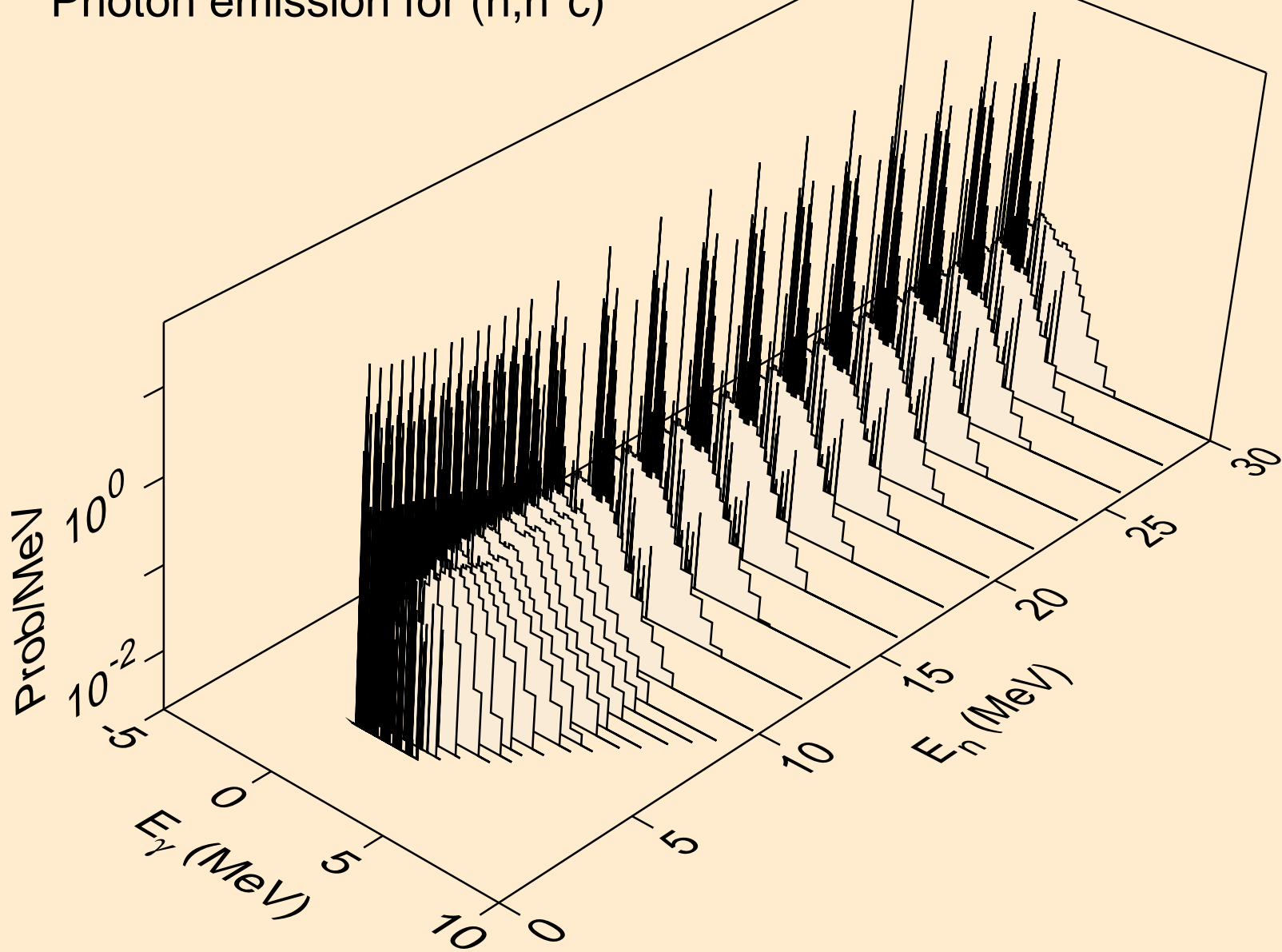


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Photon emission for (n,npa)

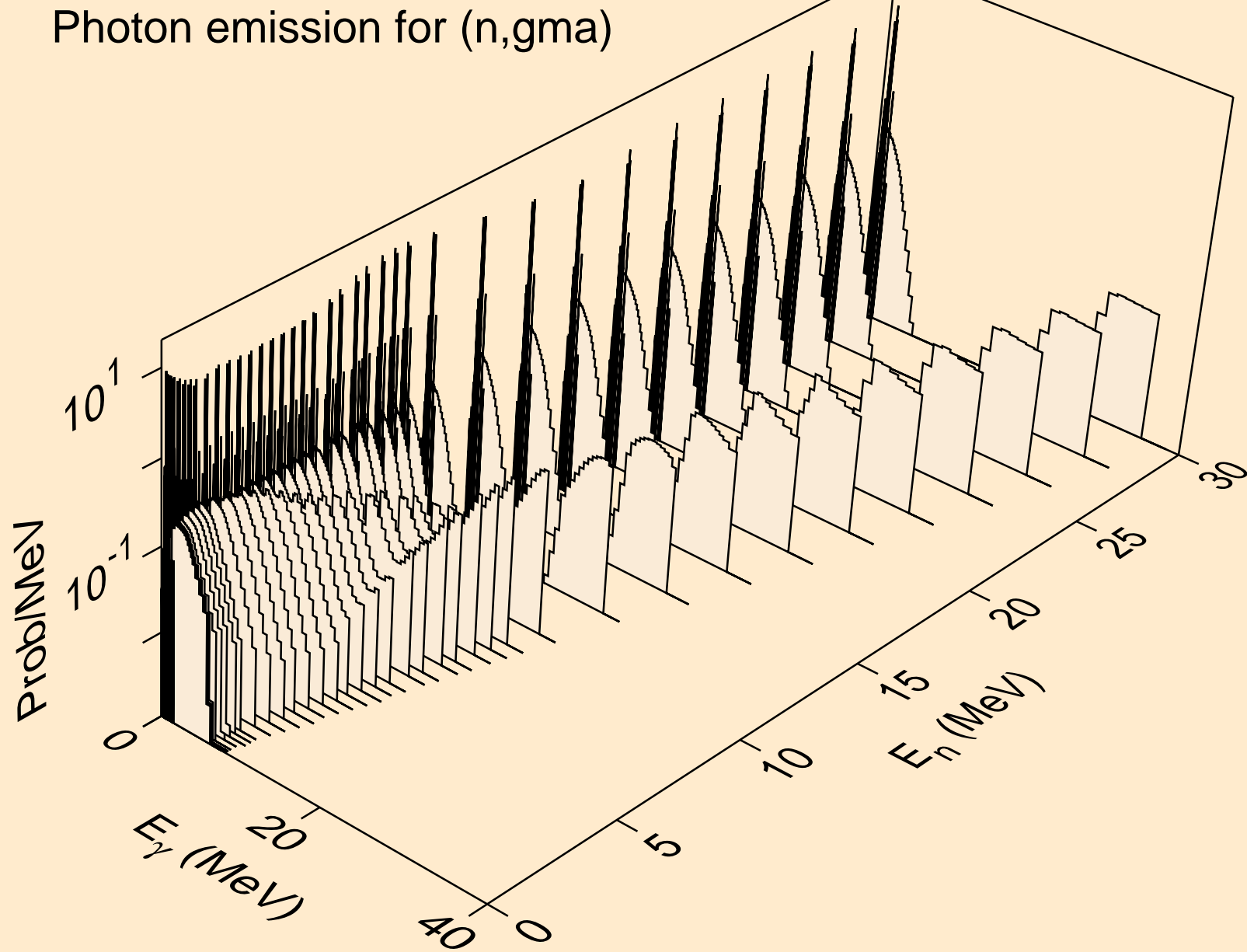




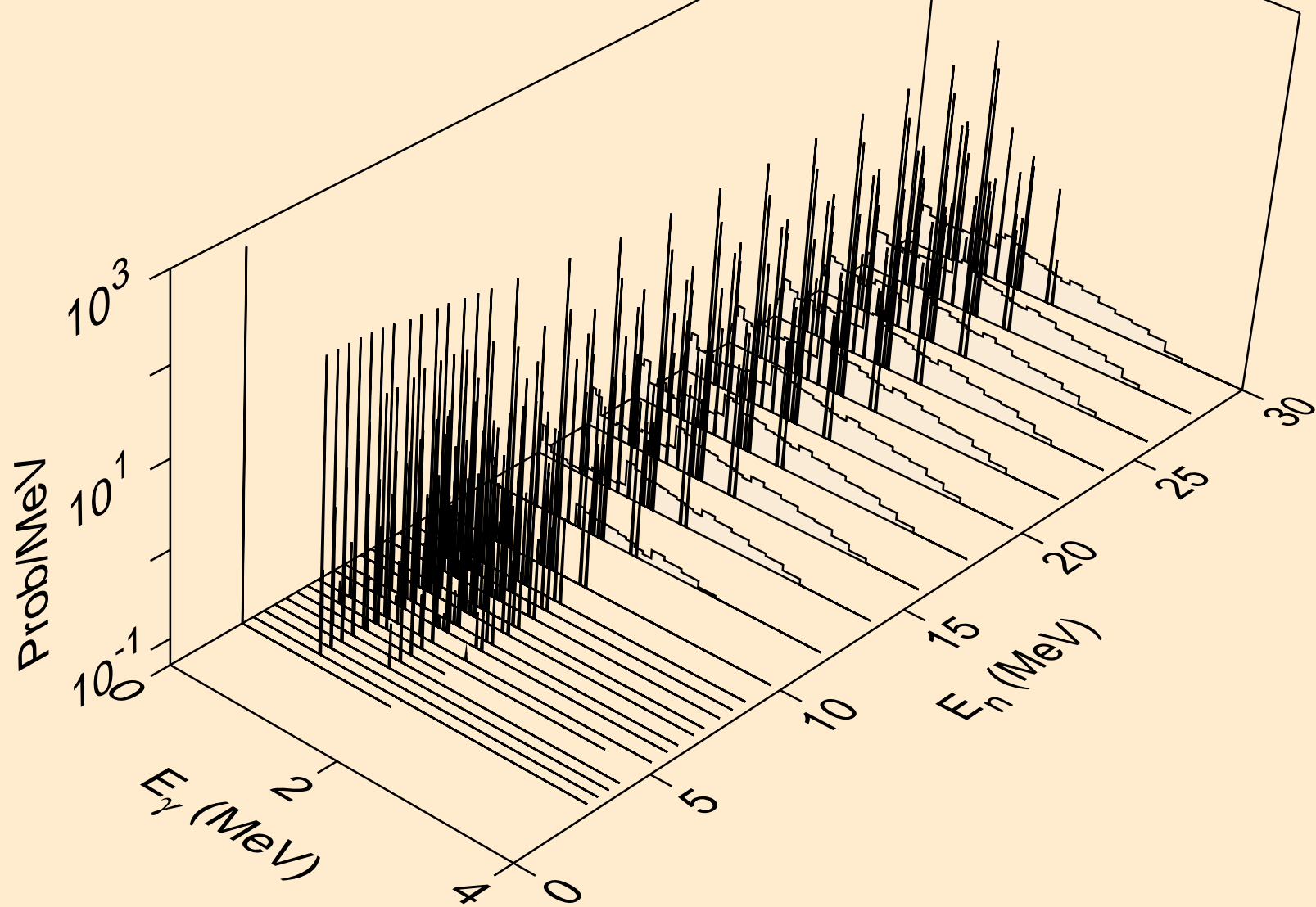
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Photon emission for (n,n\*c)



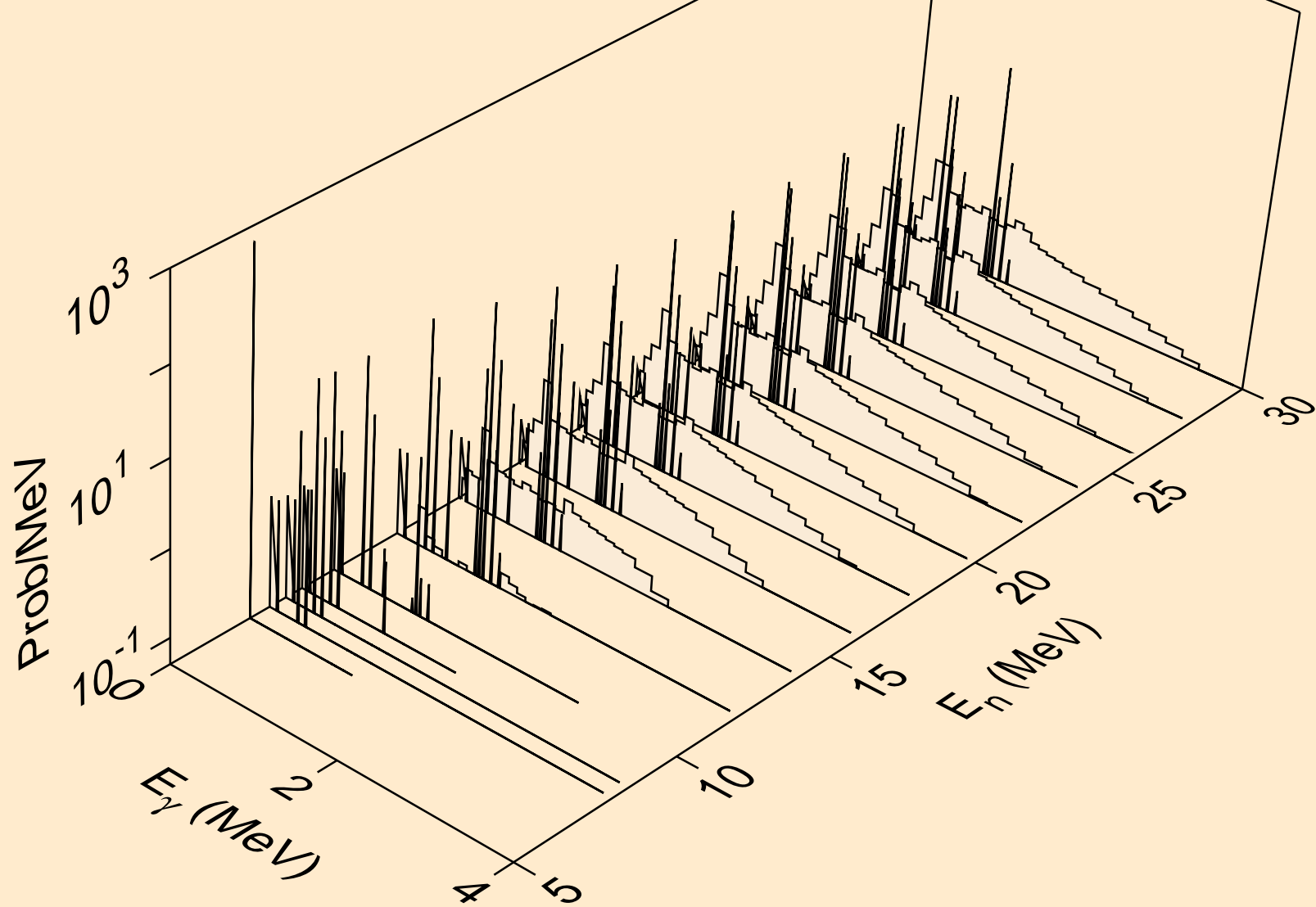
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Photon emission for (n,gma)



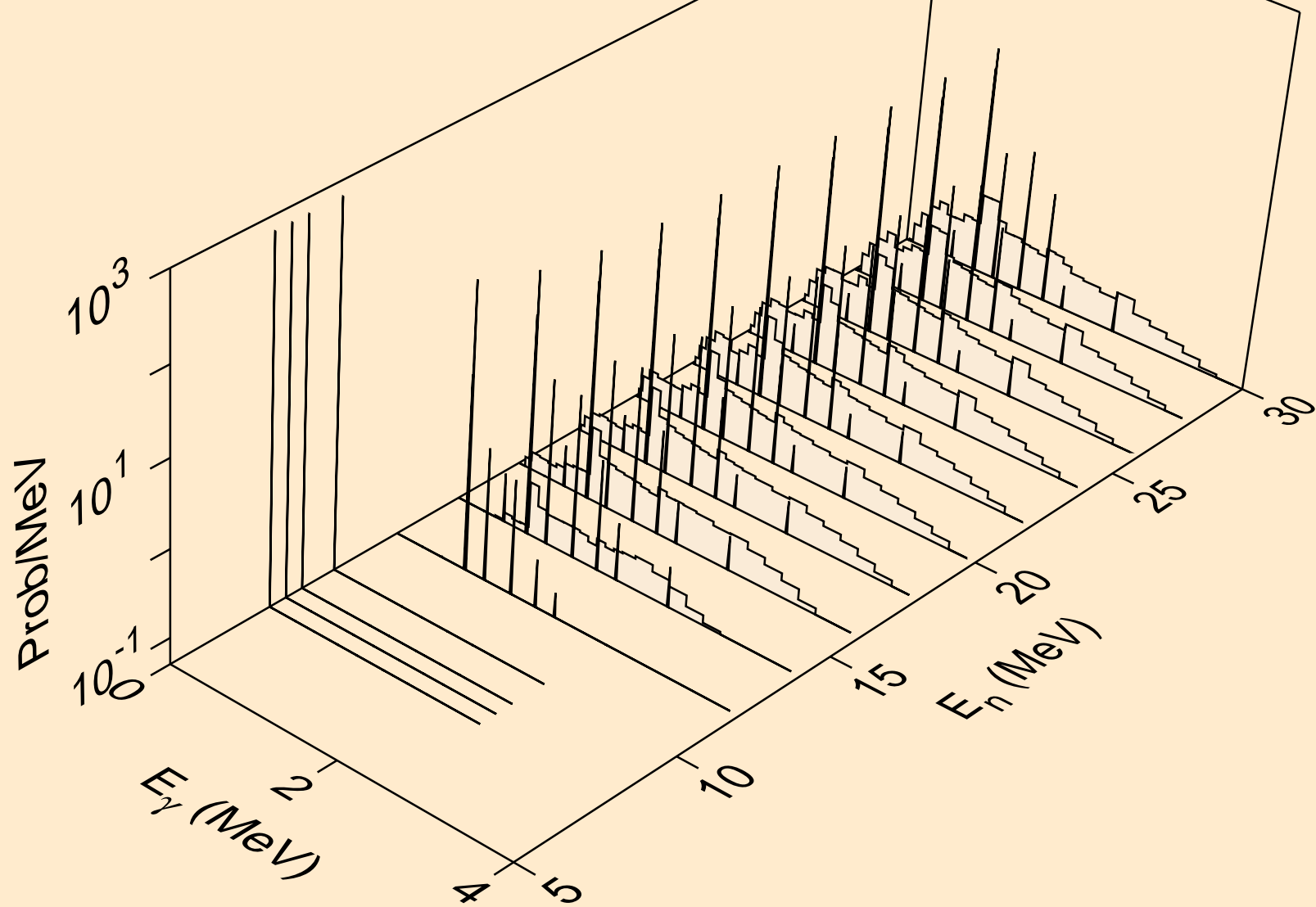
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Photon emission for (n,p)



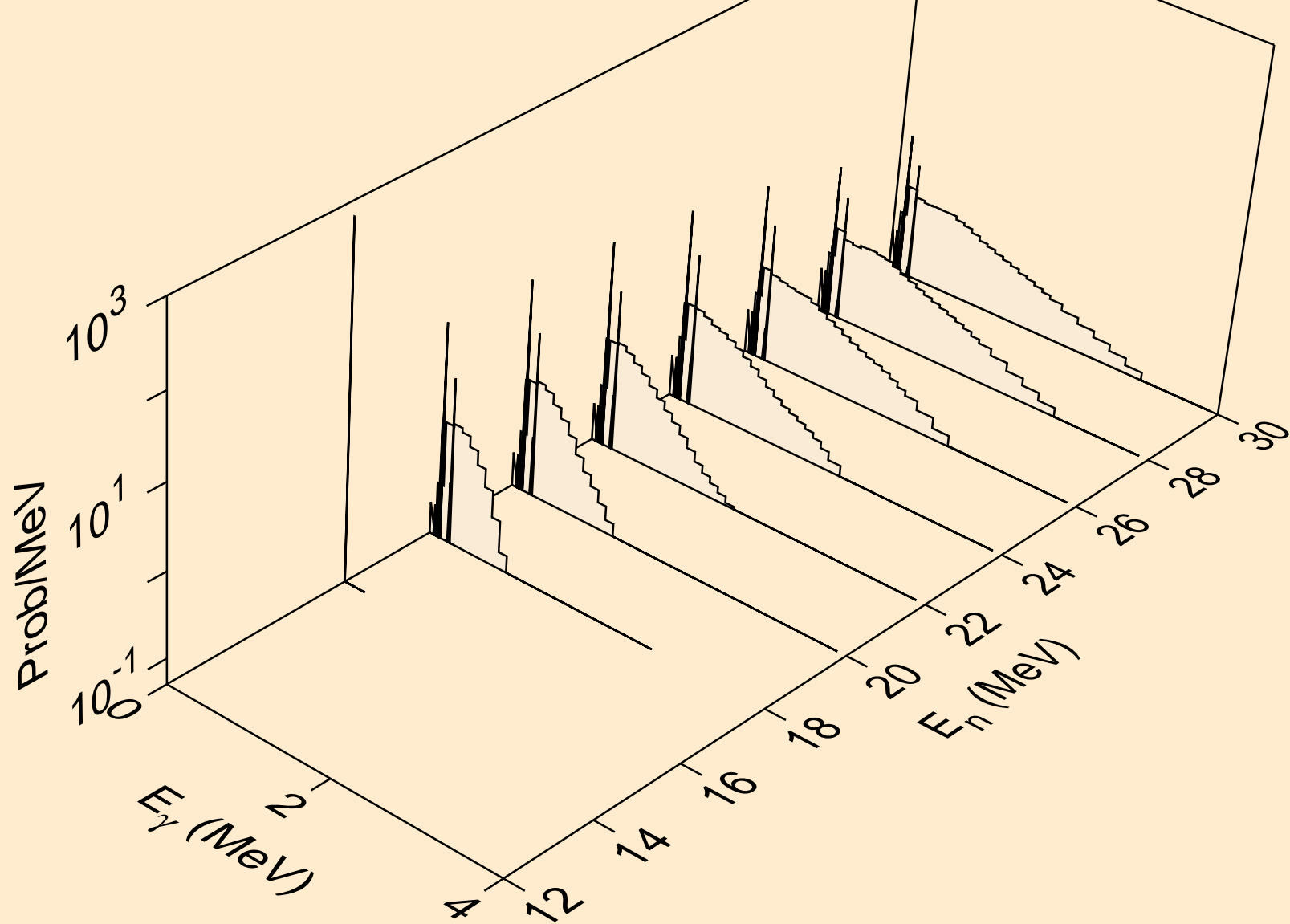
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Photon emission for (n,d)



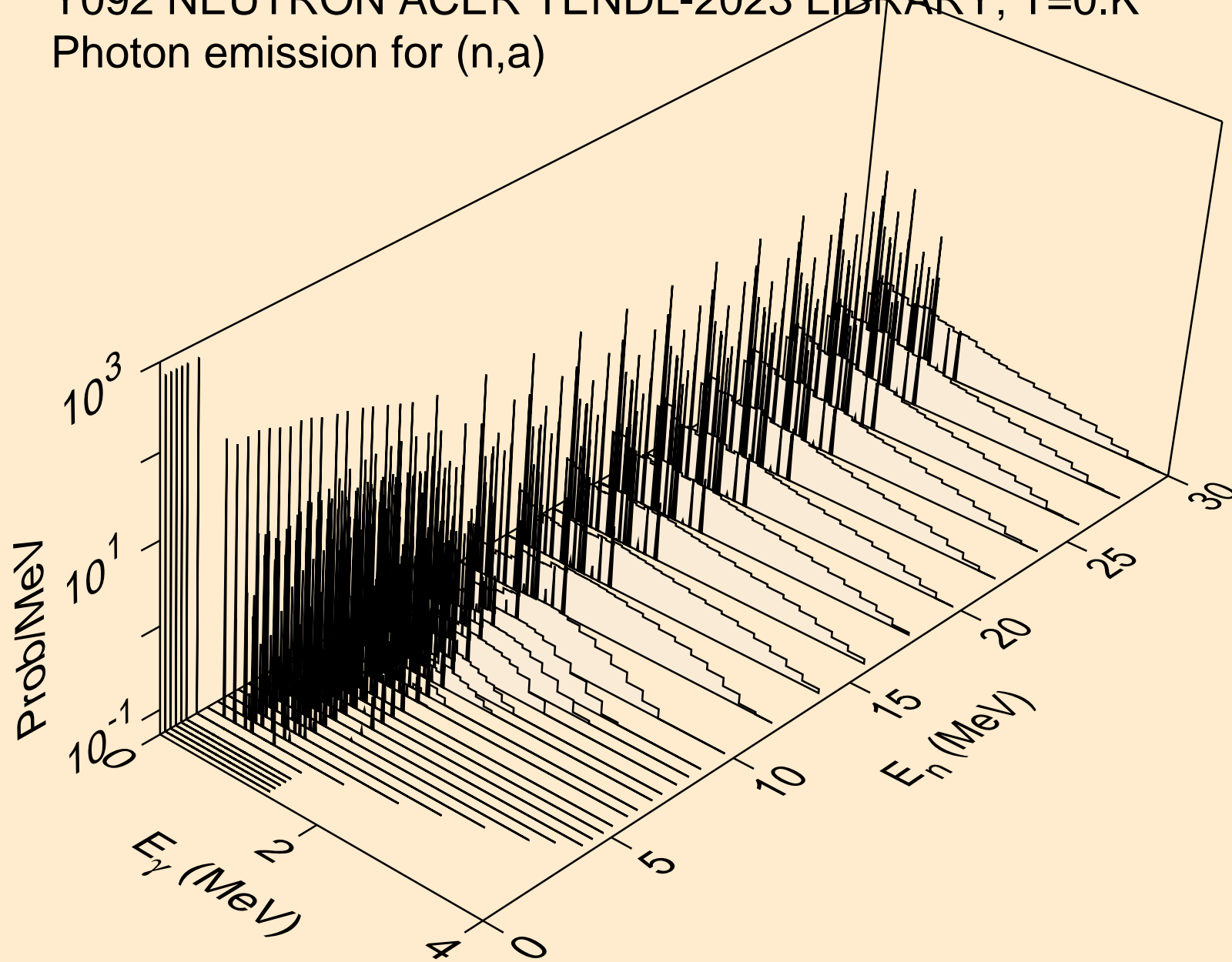
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Photon emission for (n,t)



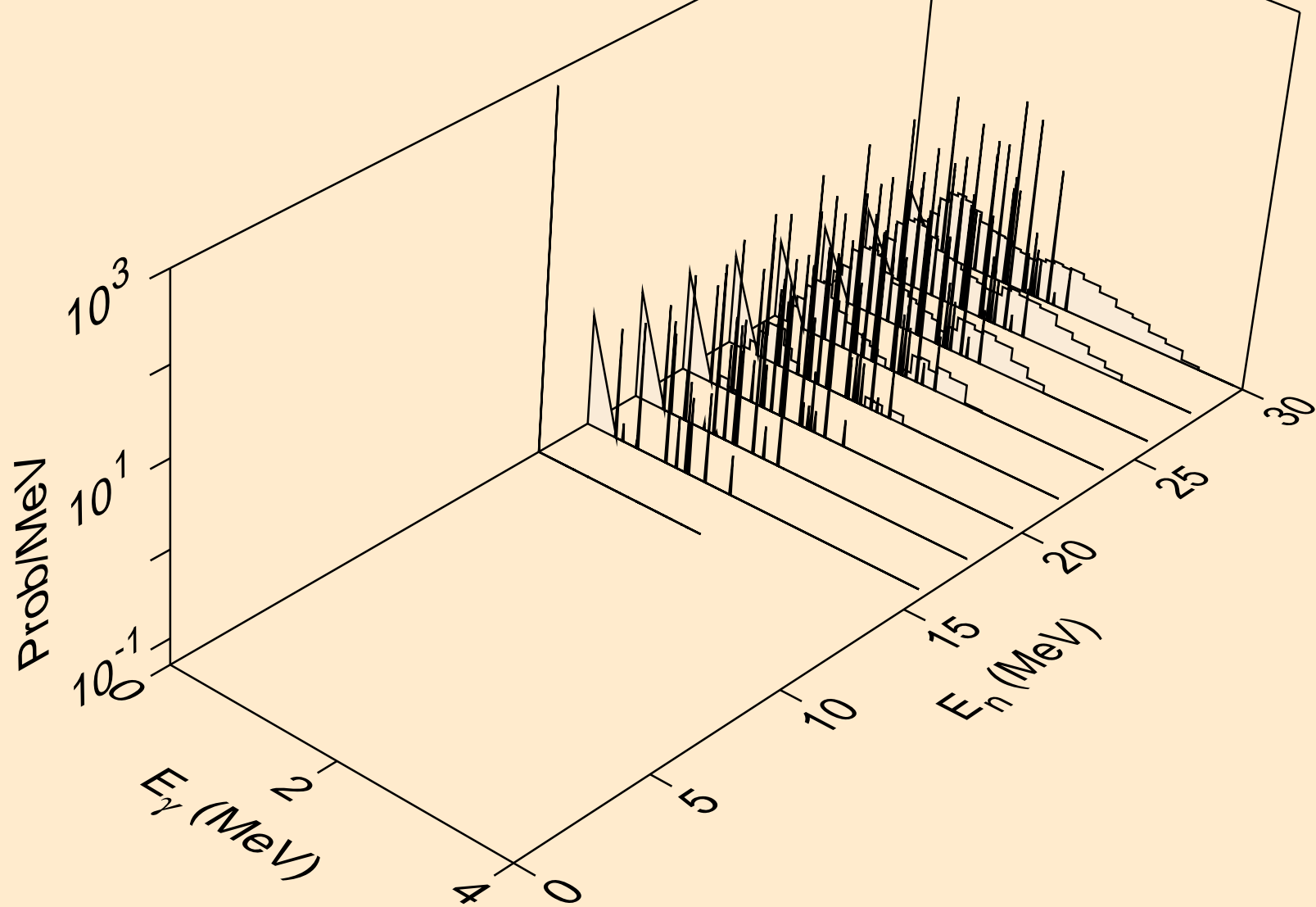
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Photon emission for (n,he3)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

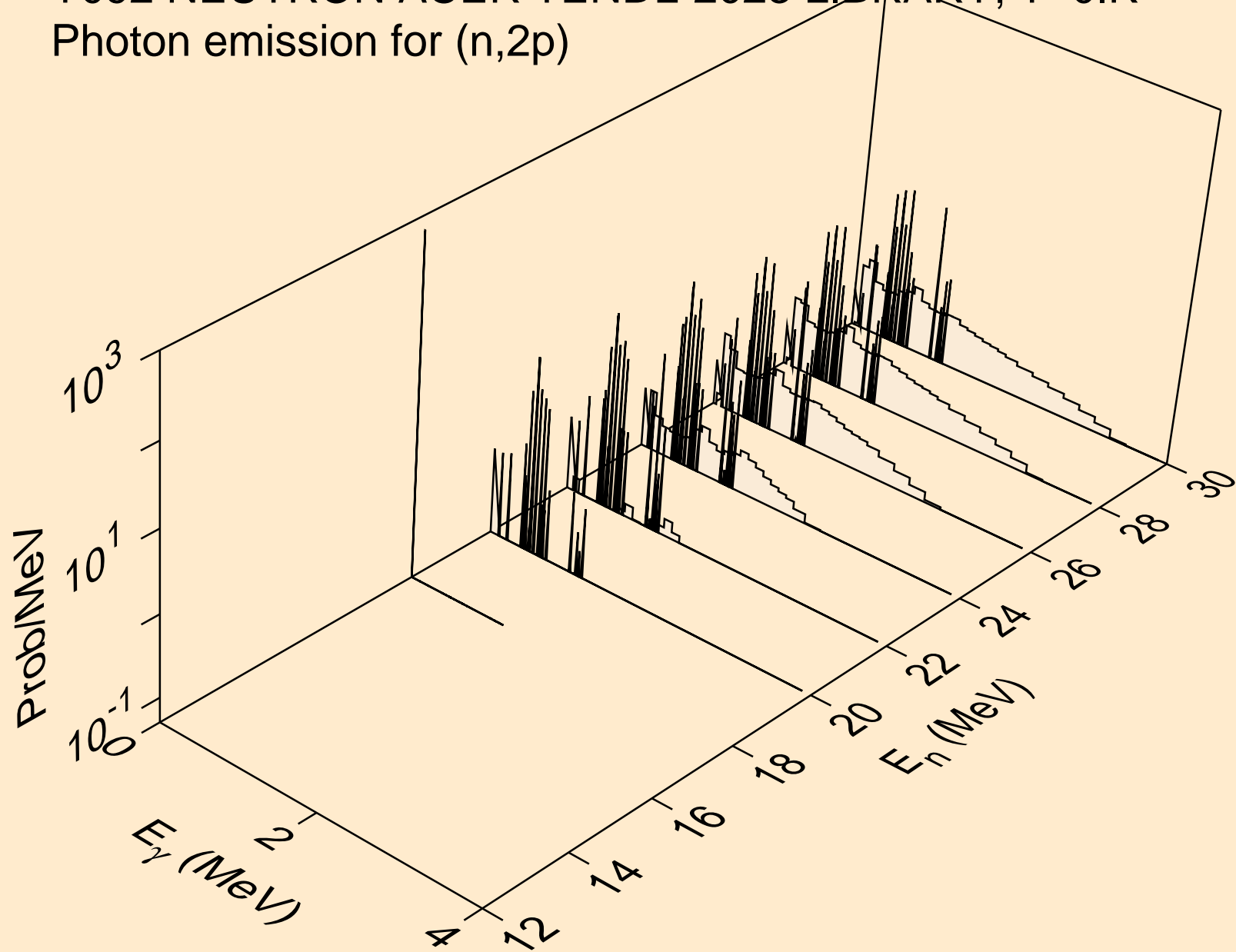


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Photon emission for (n,2a)

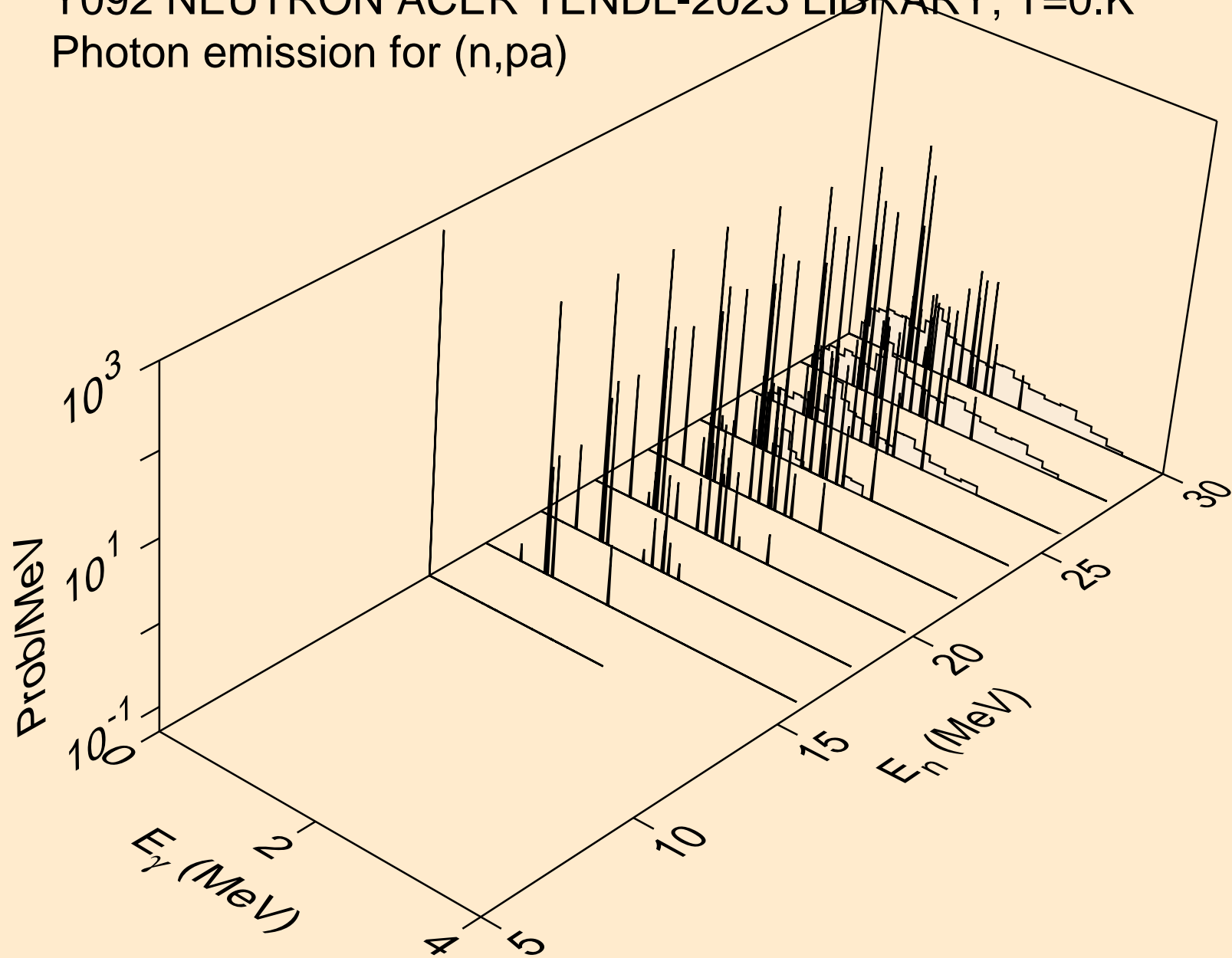




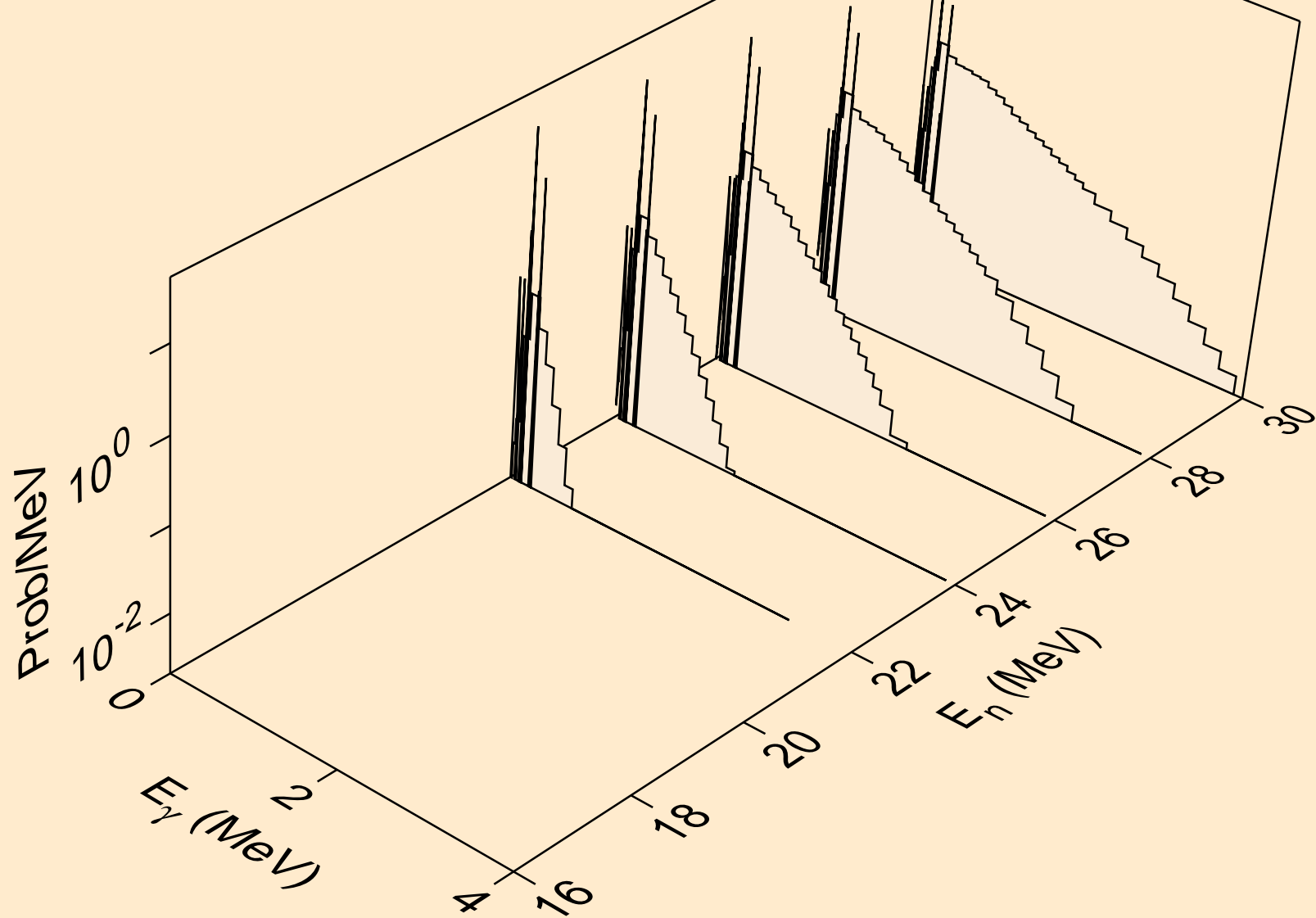
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Photon emission for (n,2p)



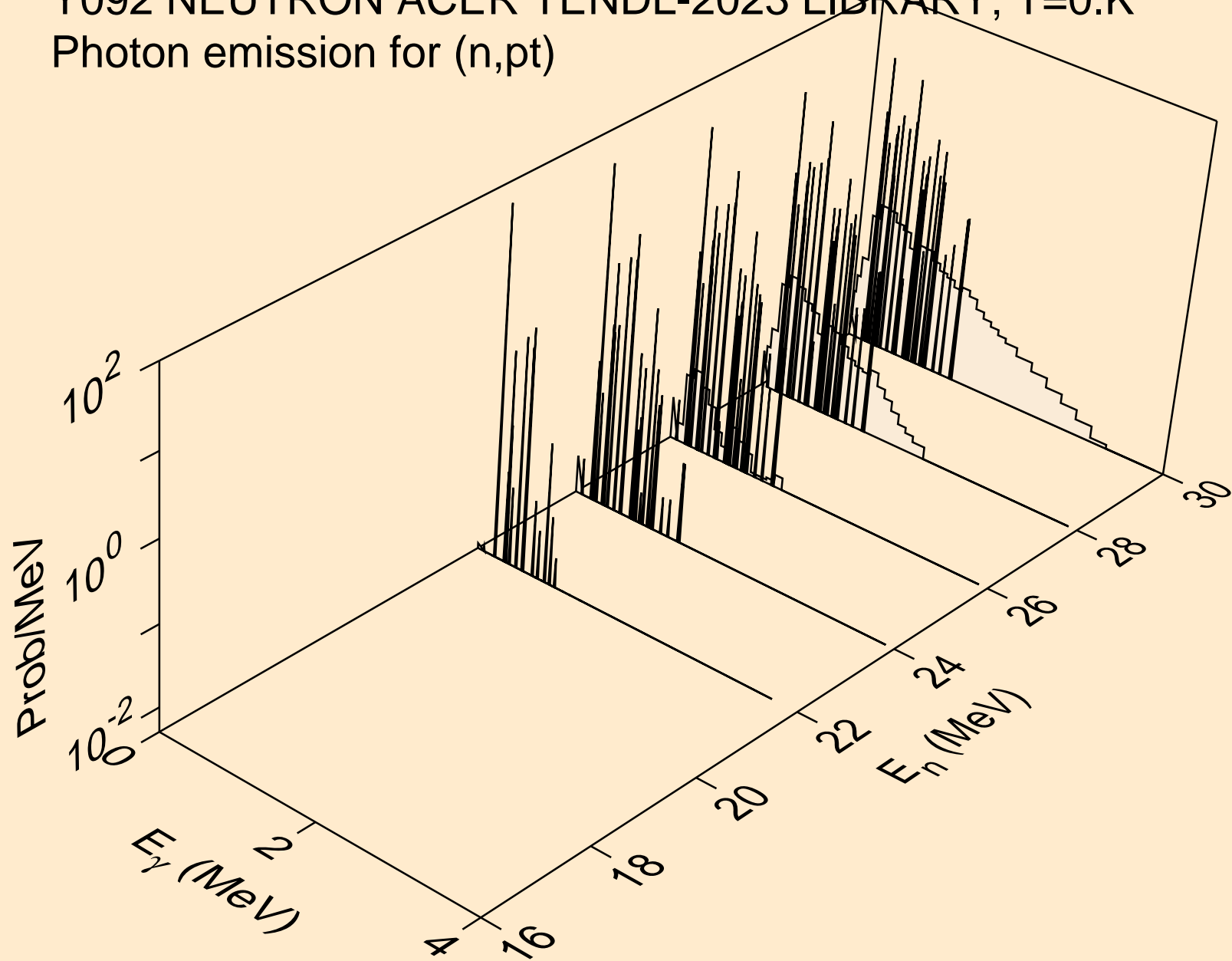
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Photon emission for (n,p)



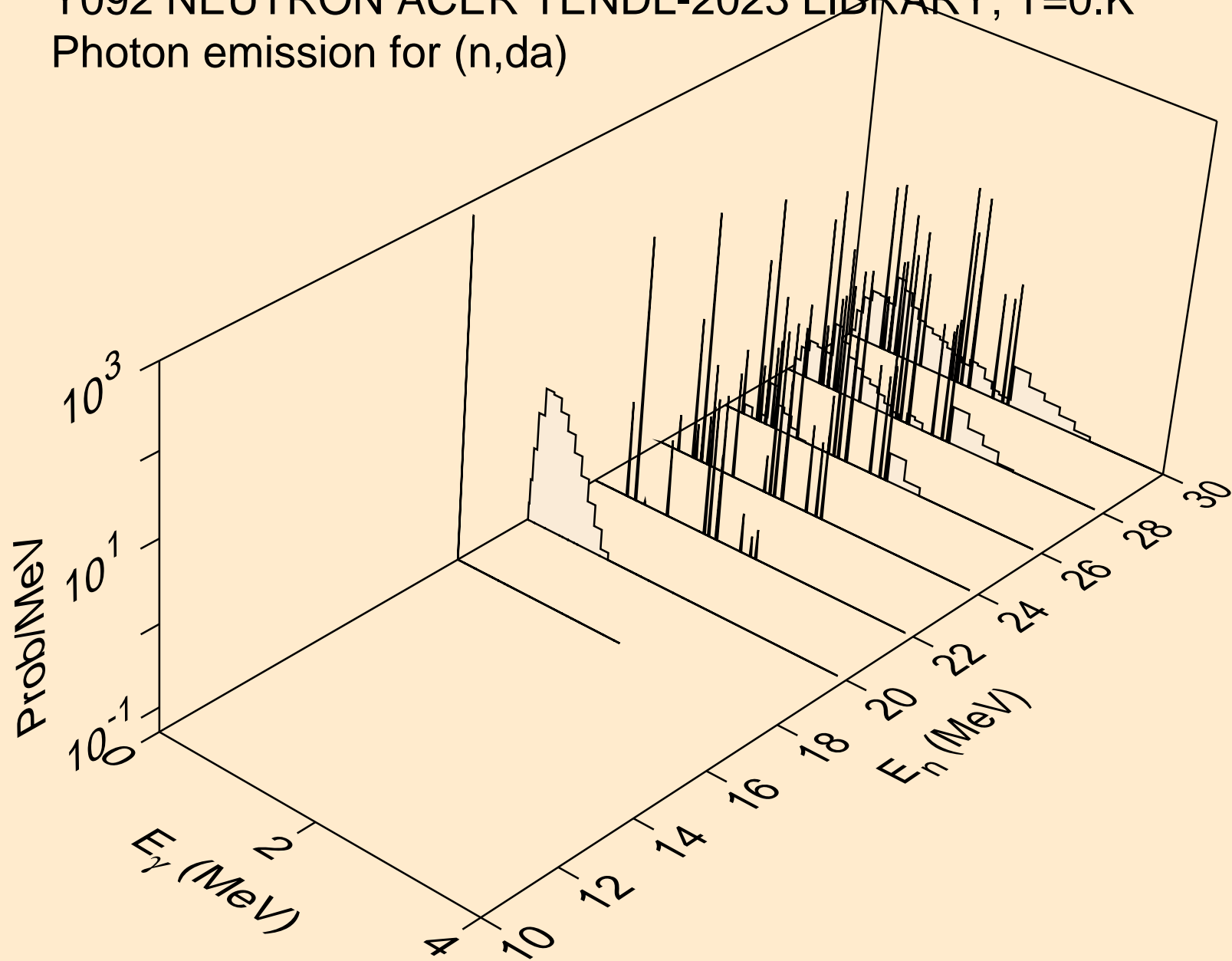
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Photon emission for (n,pd)



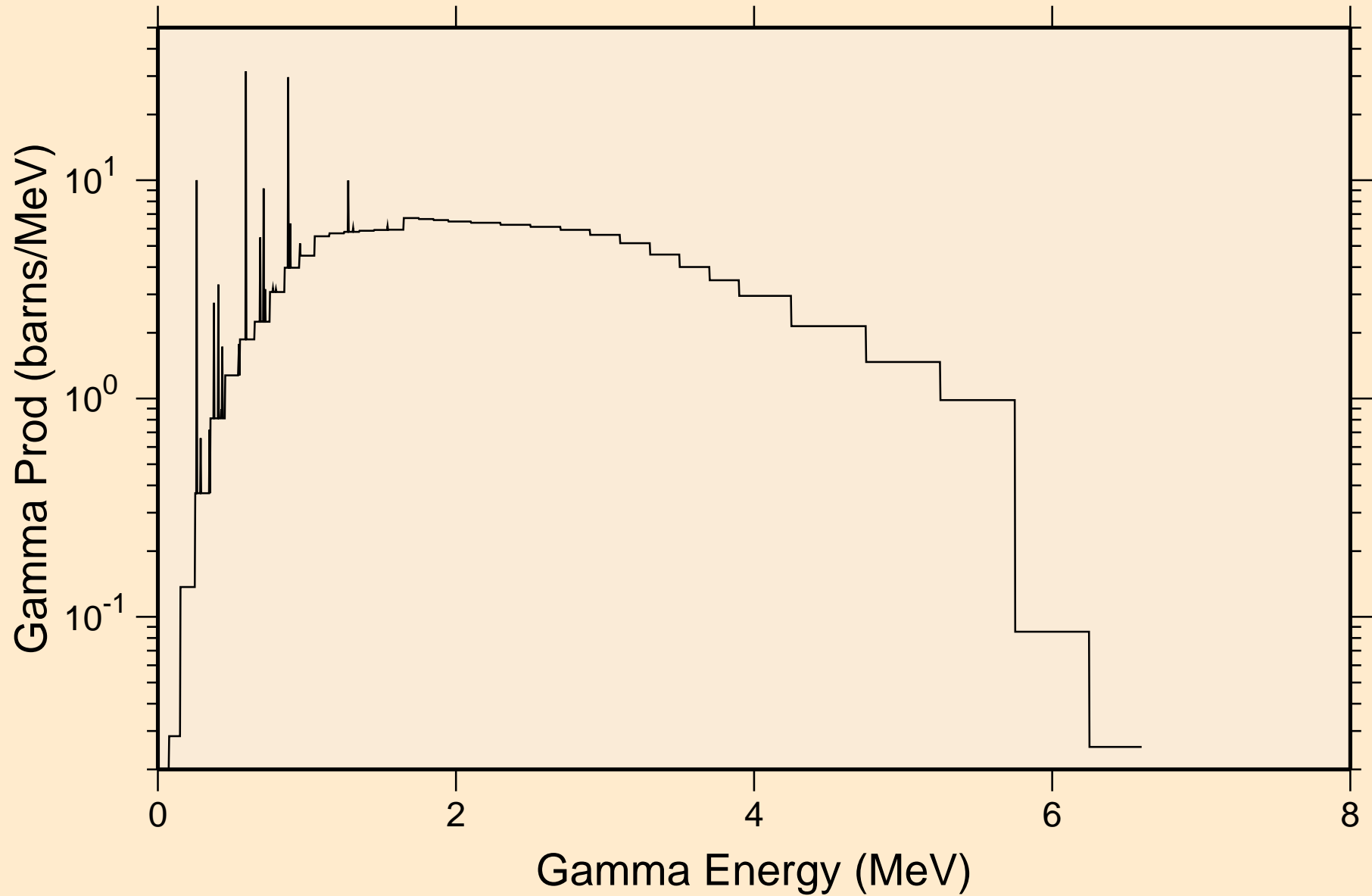
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Photon emission for (n,pt)



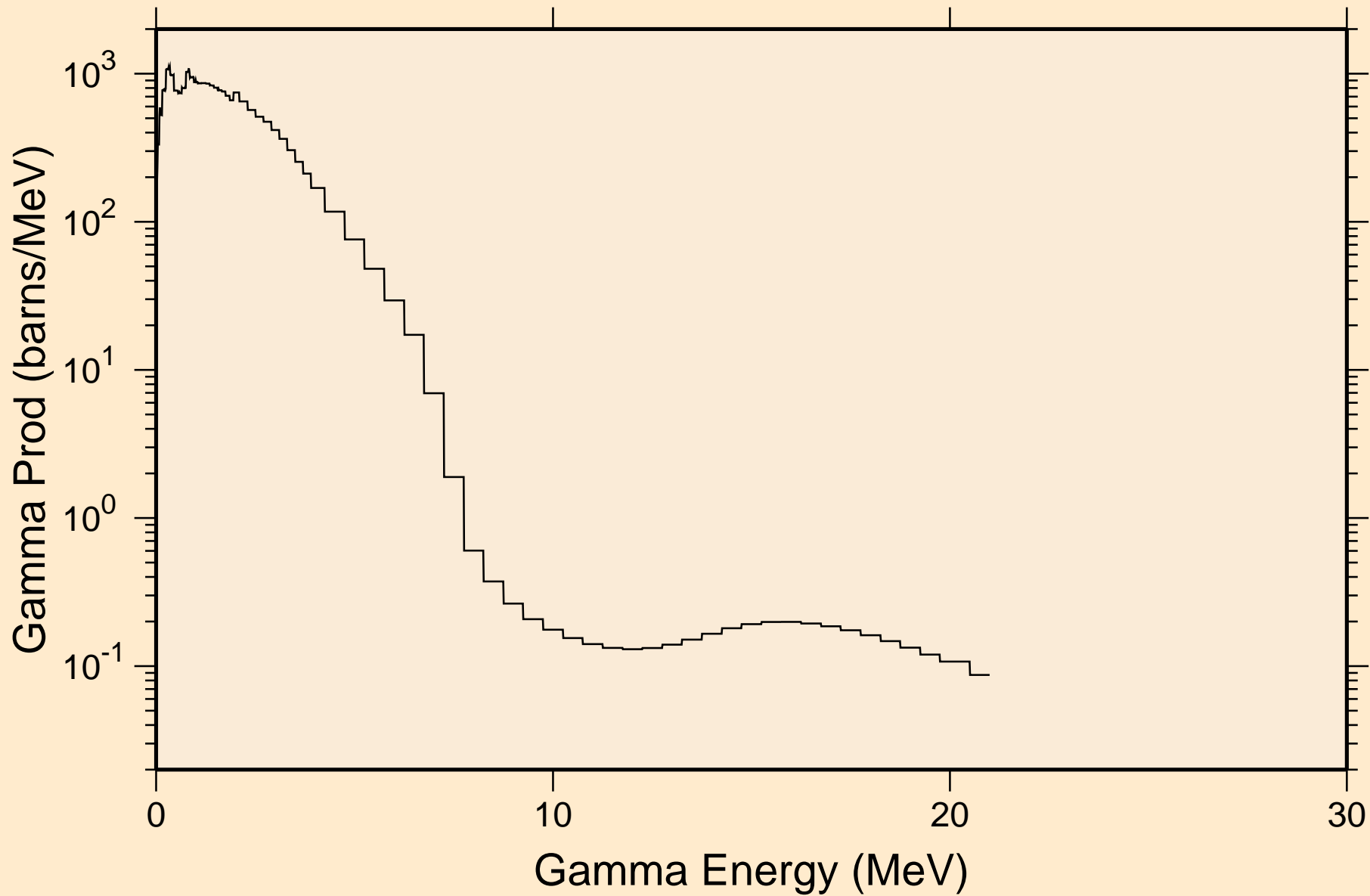
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Photon emission for (n,da)



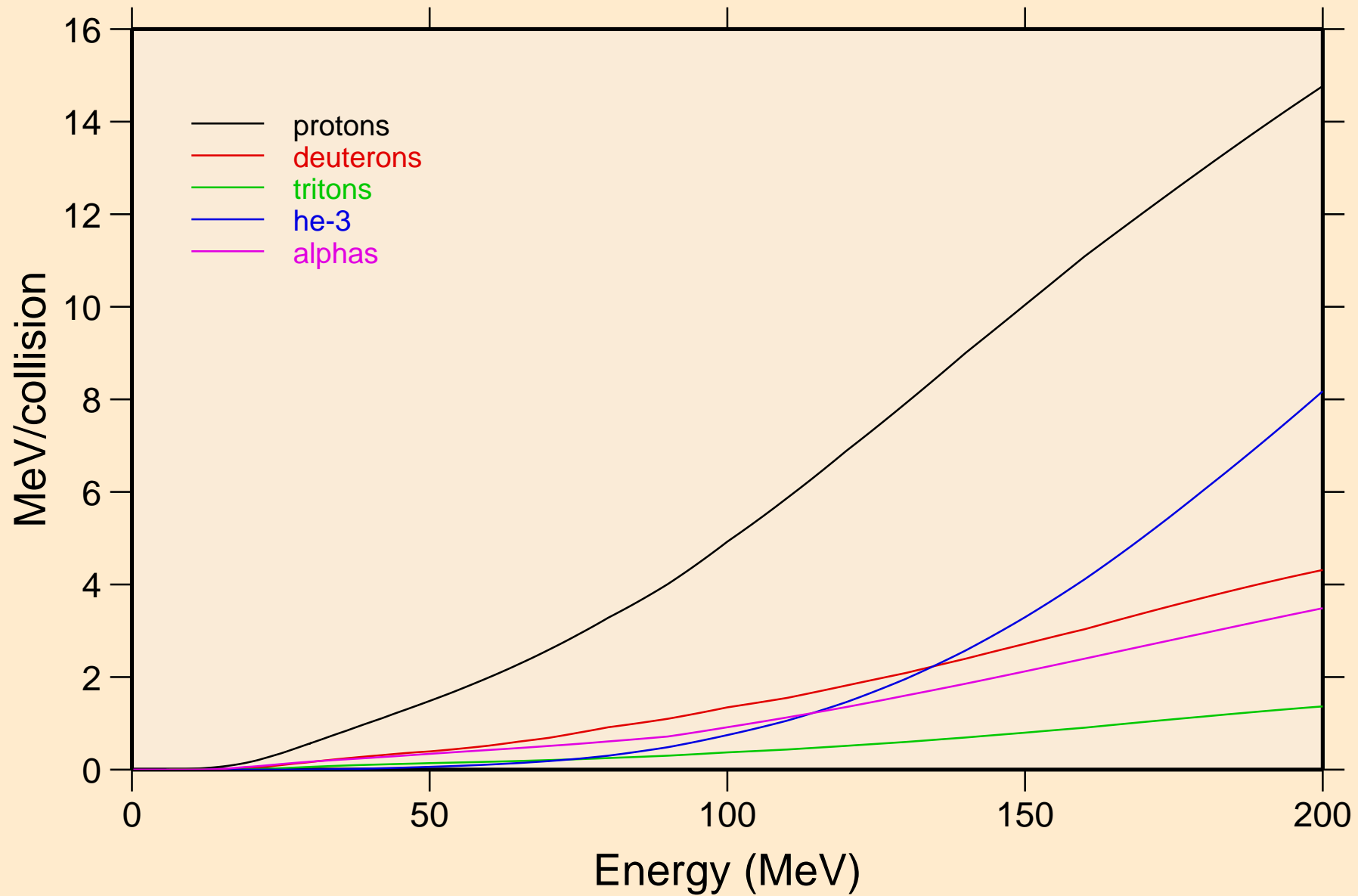
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thermal capture photon spectrum



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

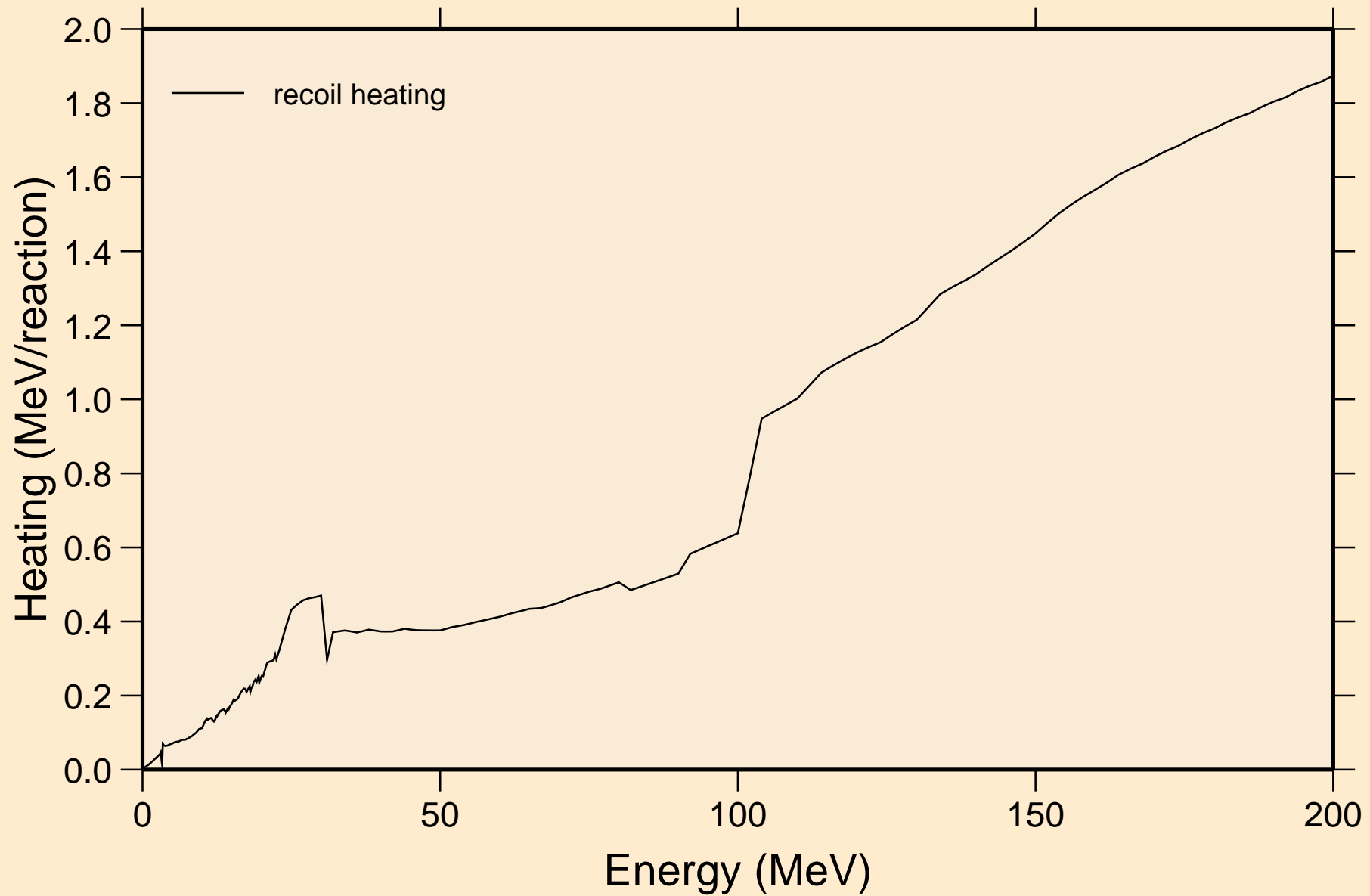


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Particle heating contributions

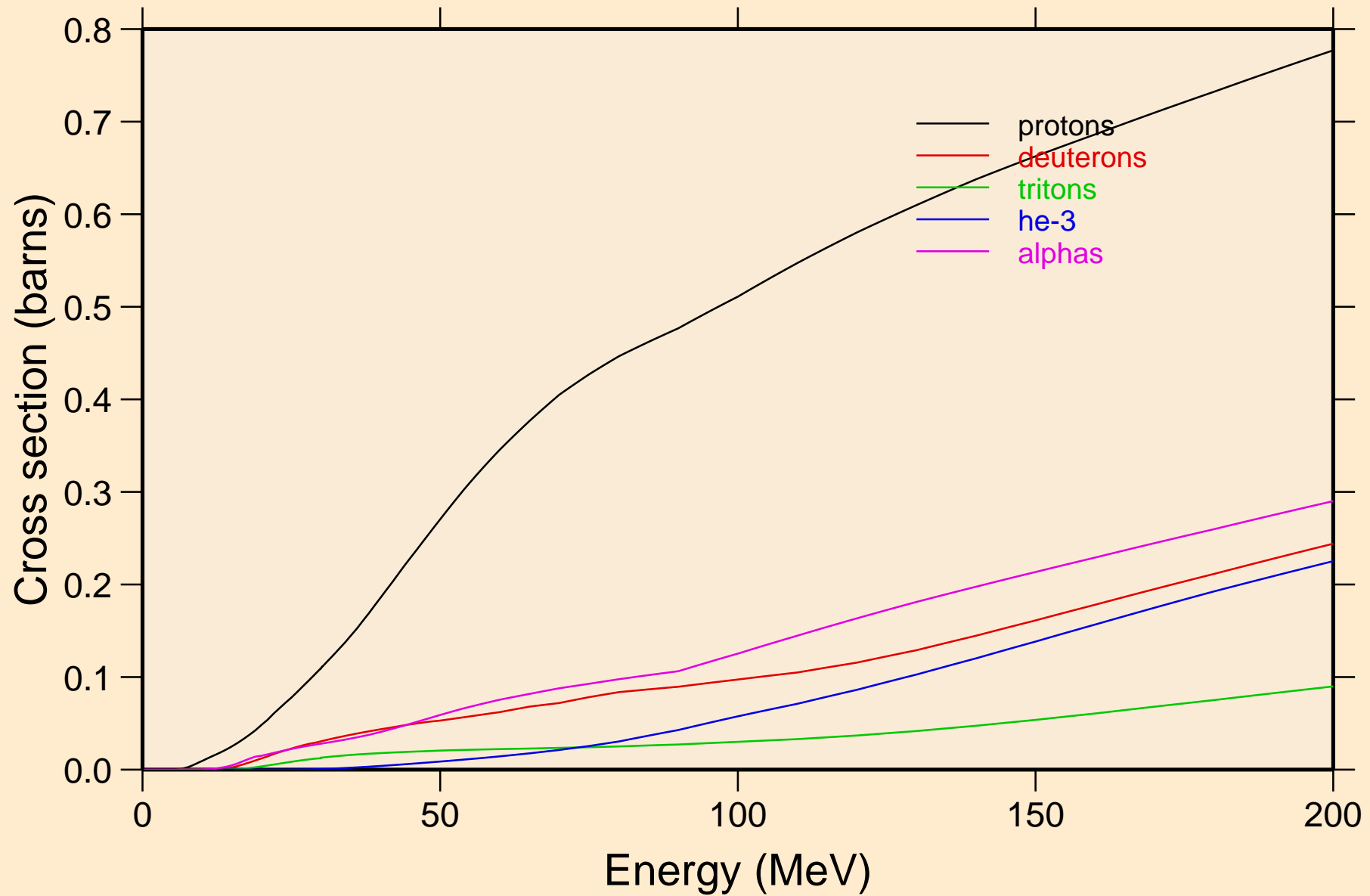




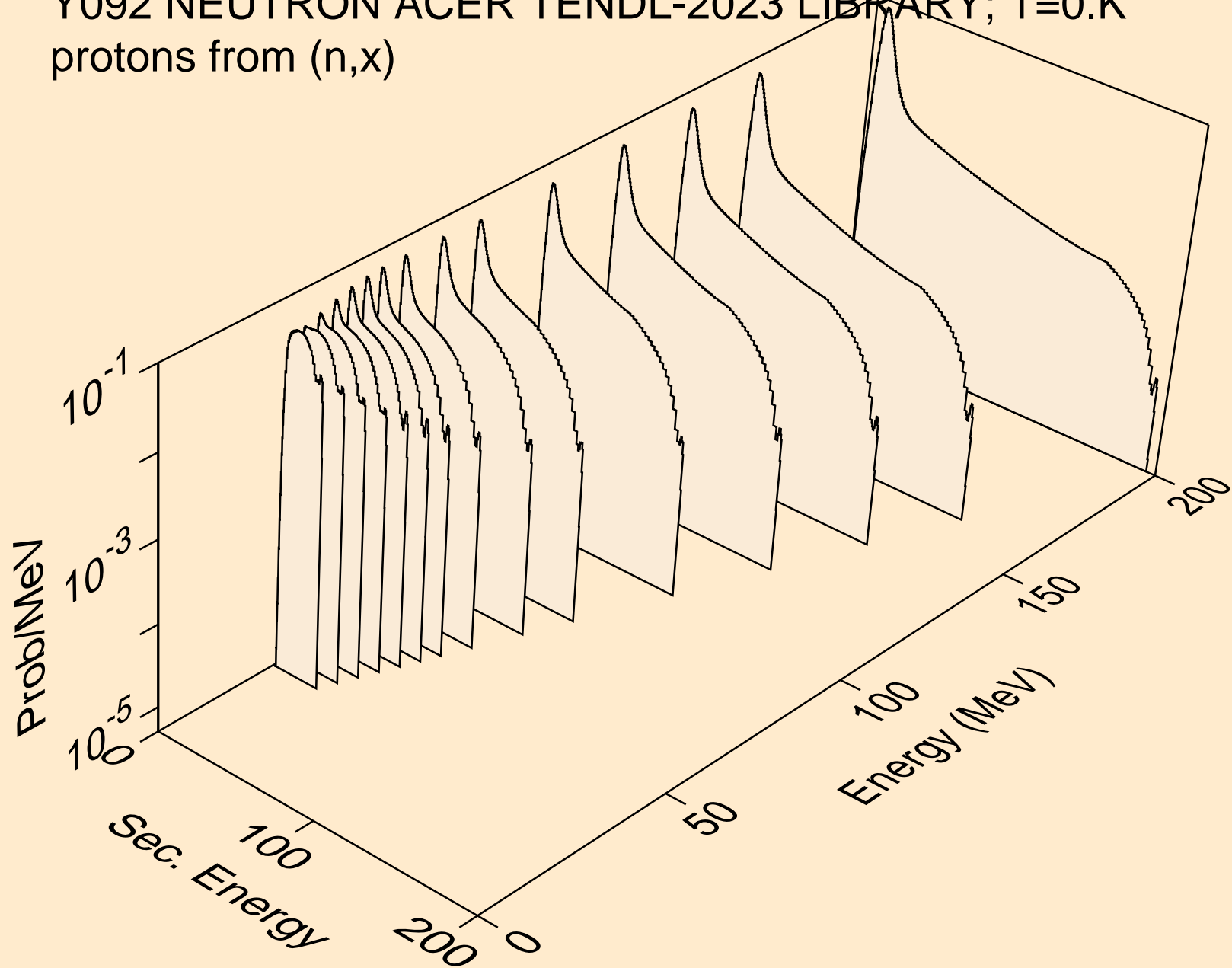
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Recoil Heating



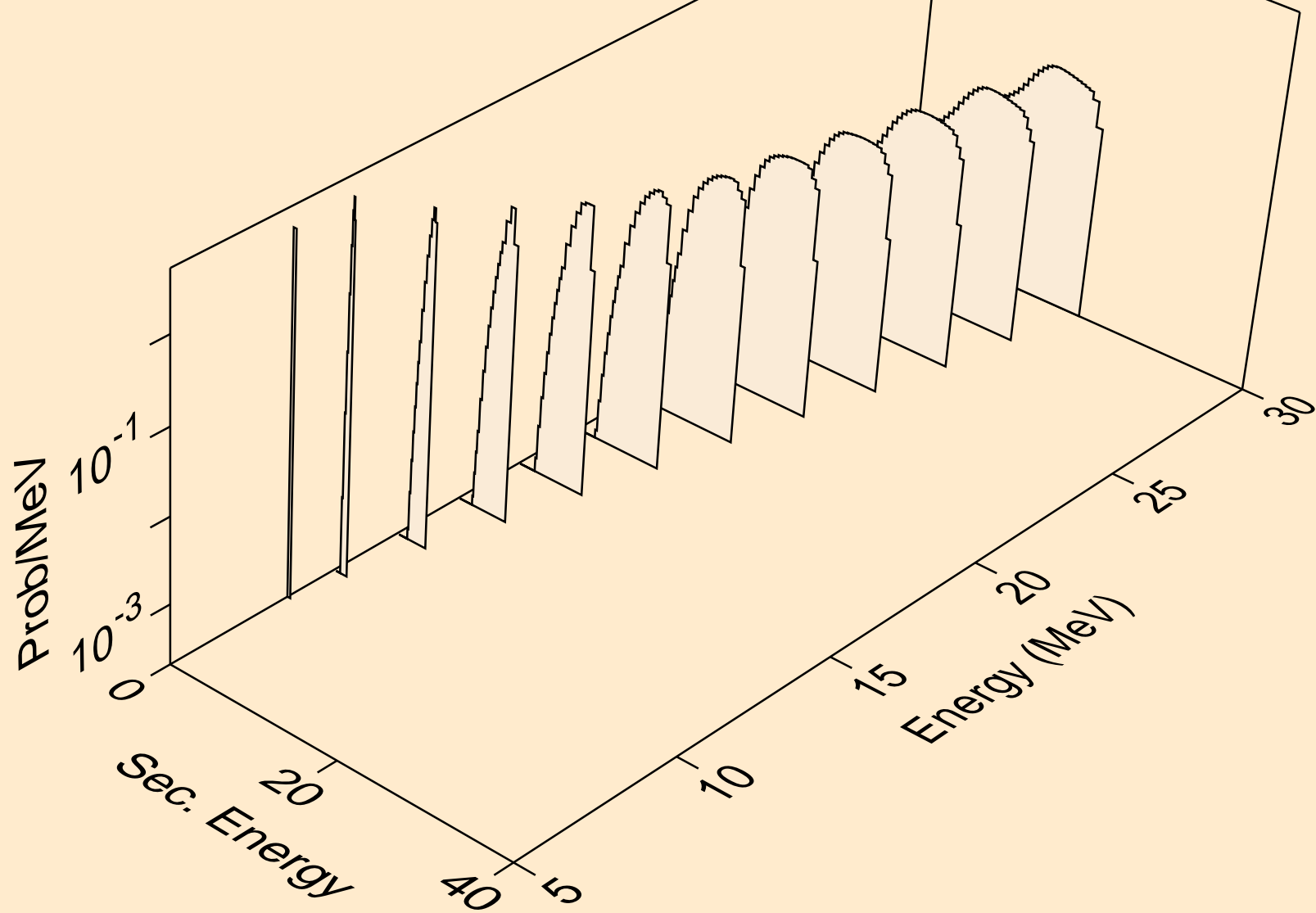
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Particle production cross sections



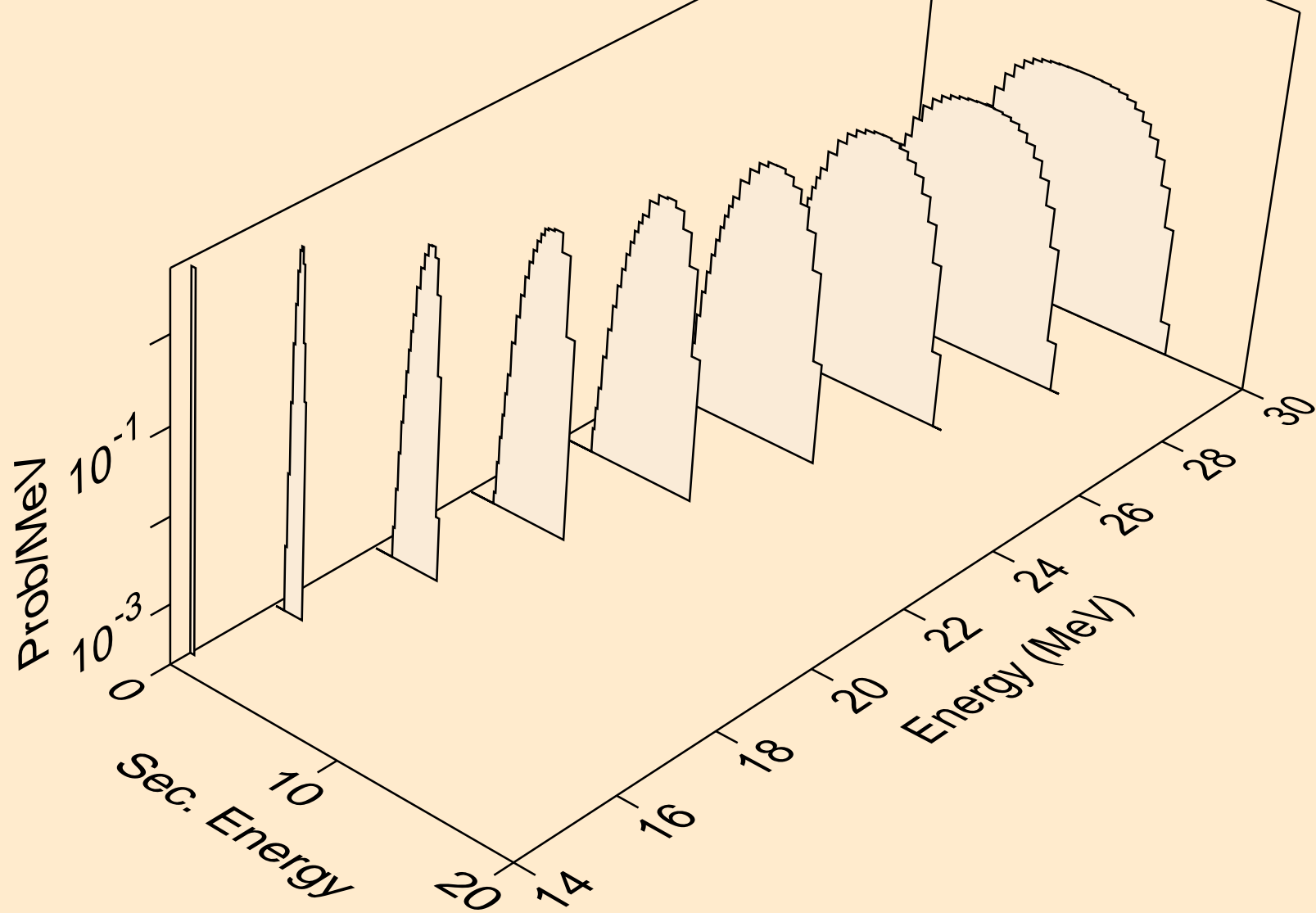
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protons from (n,x)



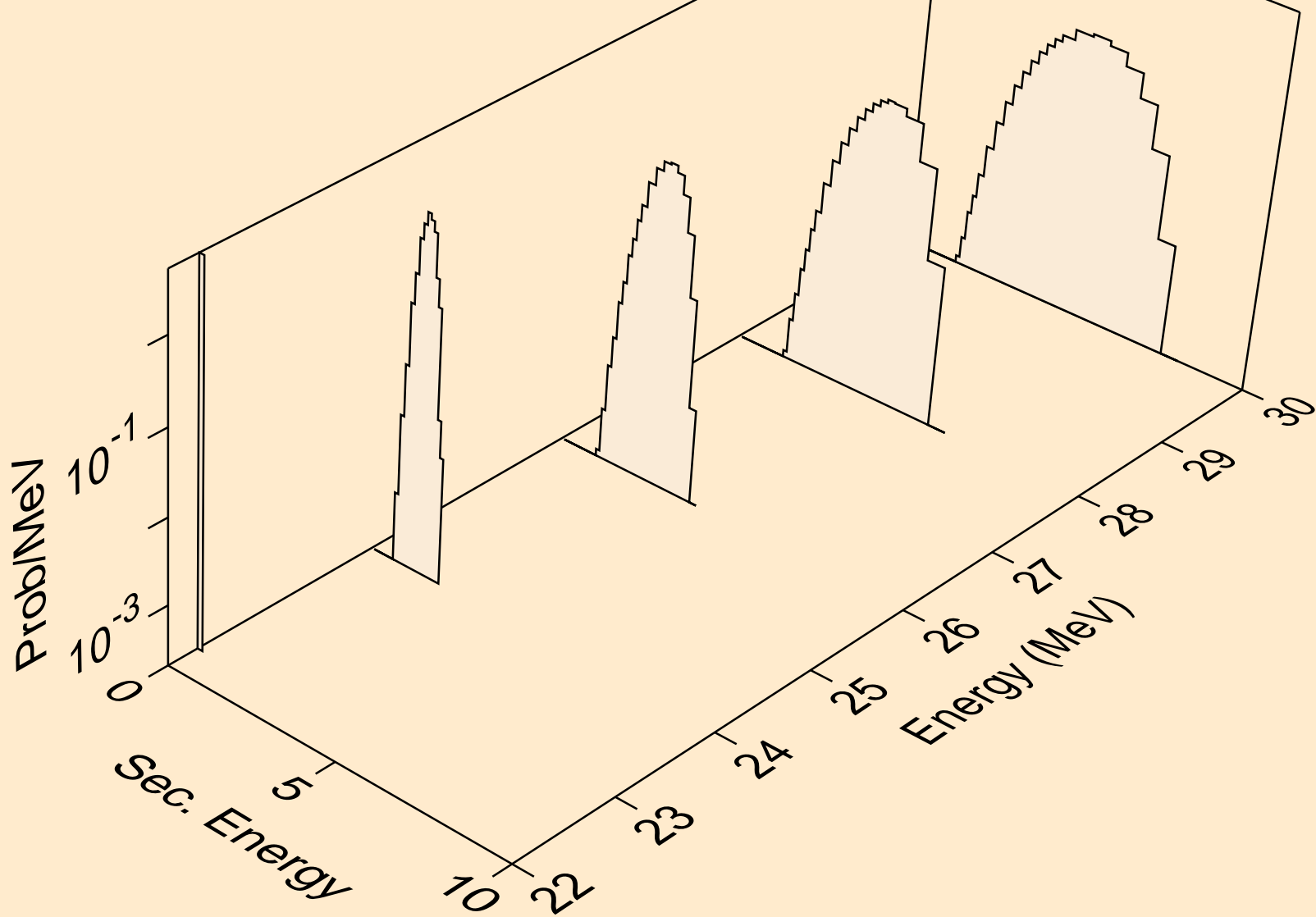
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protons from (n,n\*)p



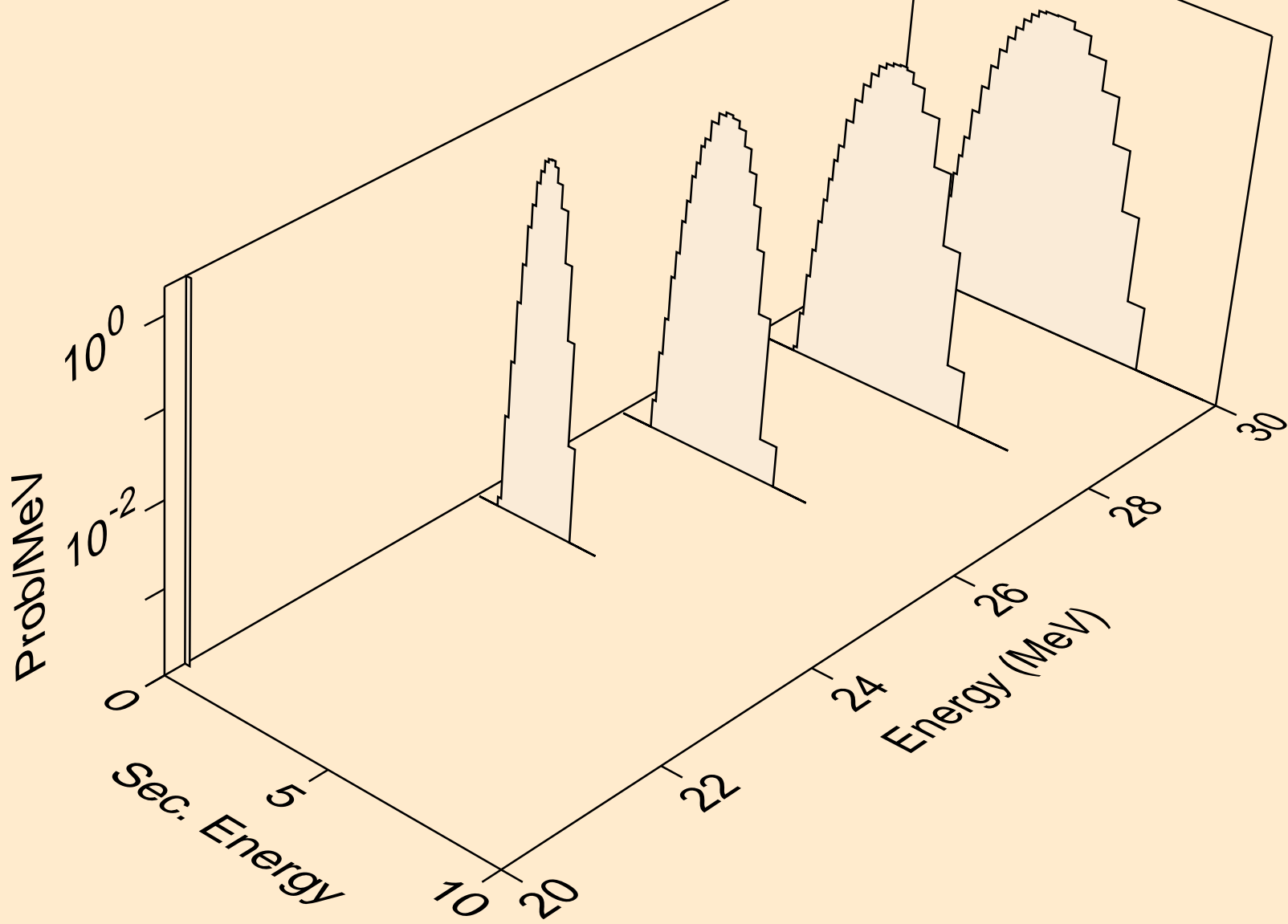
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protons from (n,2np)



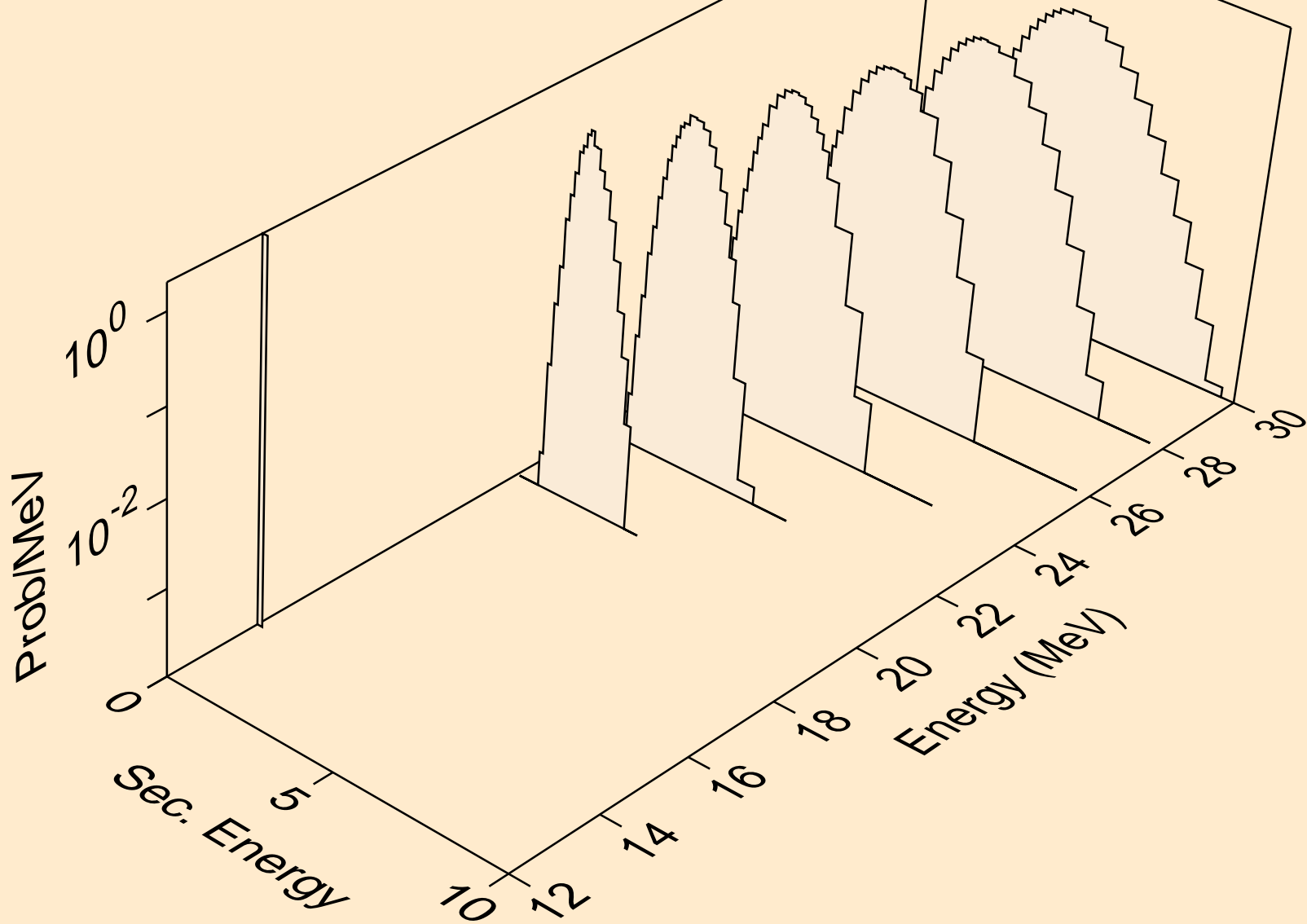
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protons from (n,3np)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

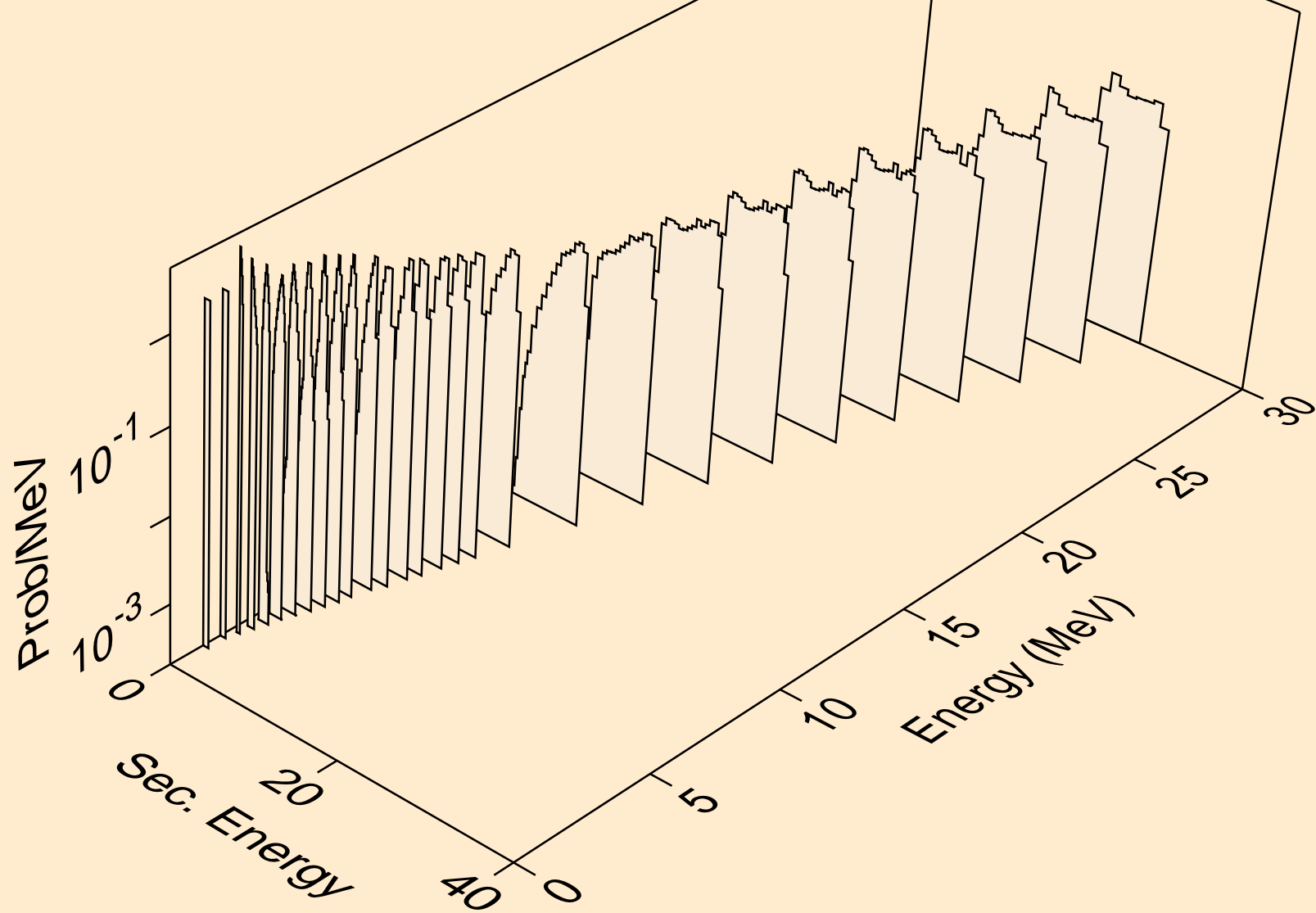


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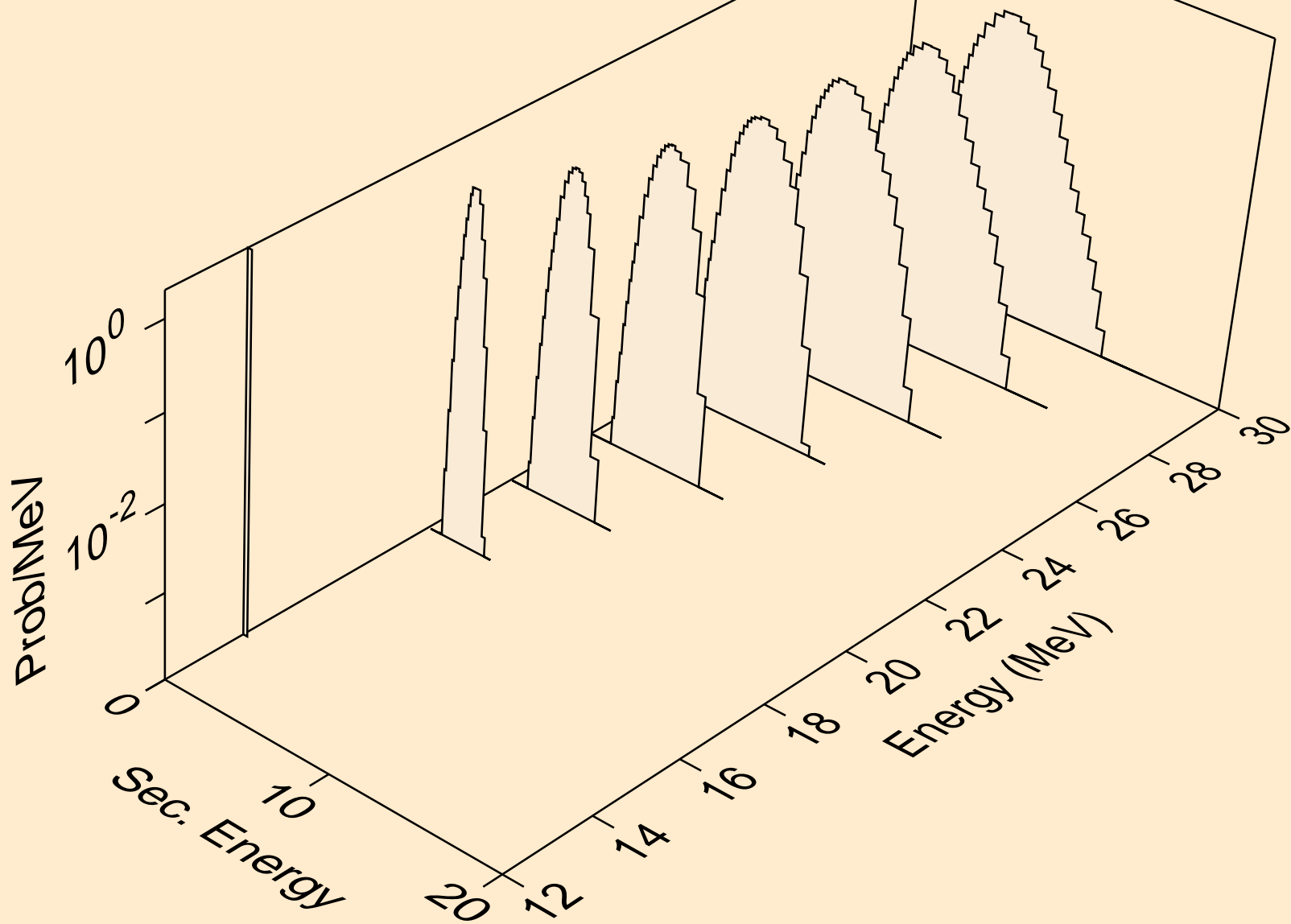




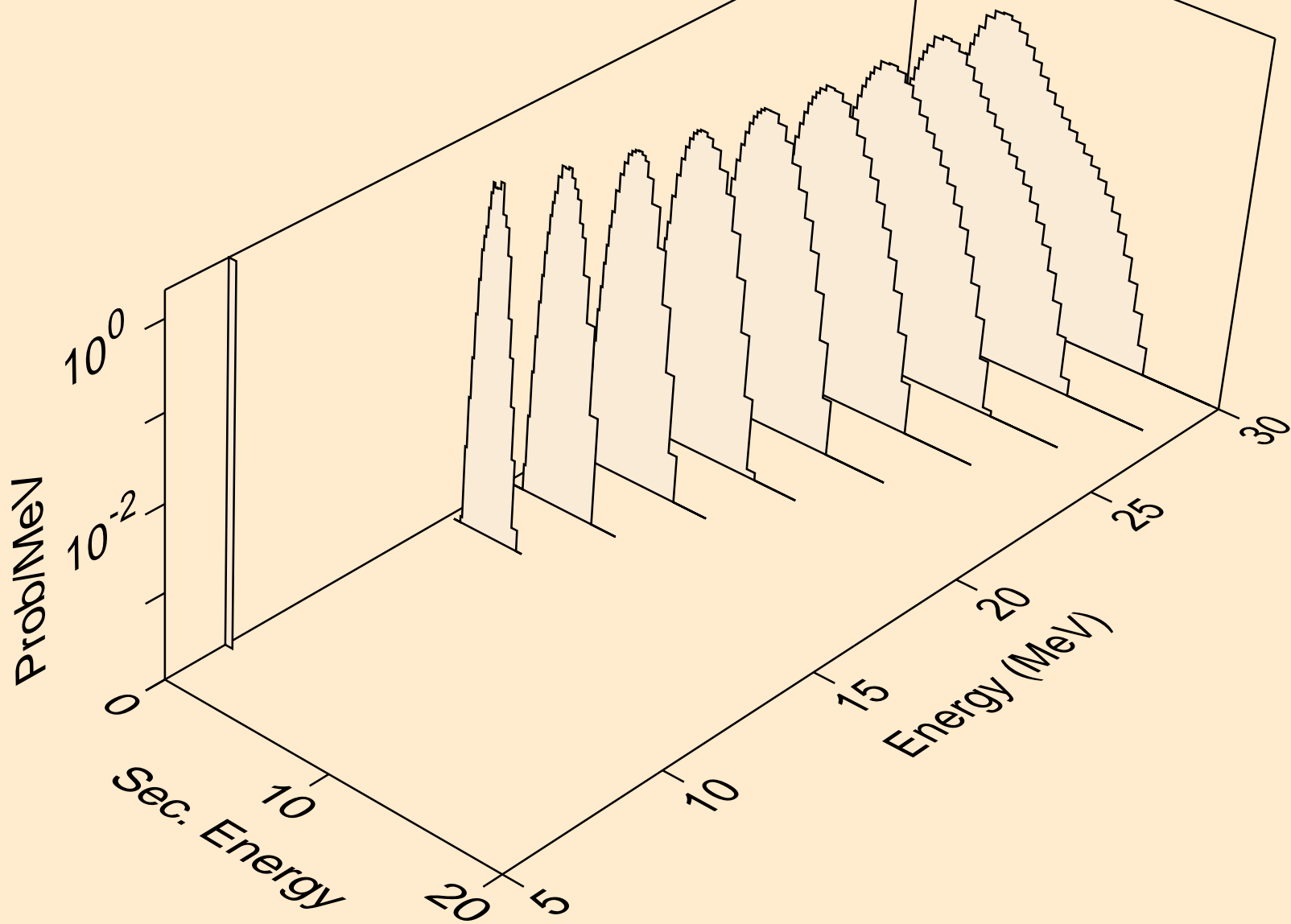
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protons from (n,p)



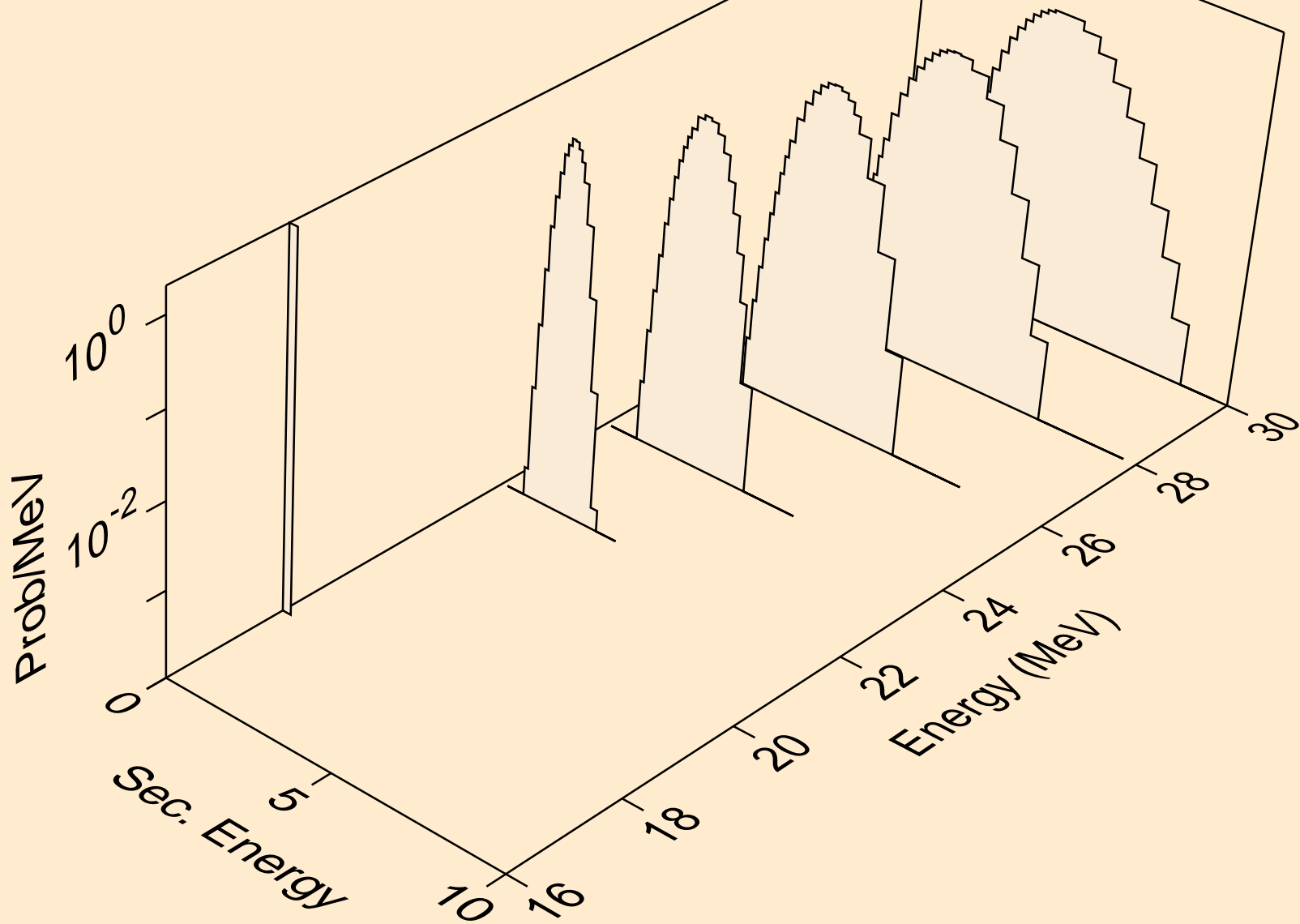
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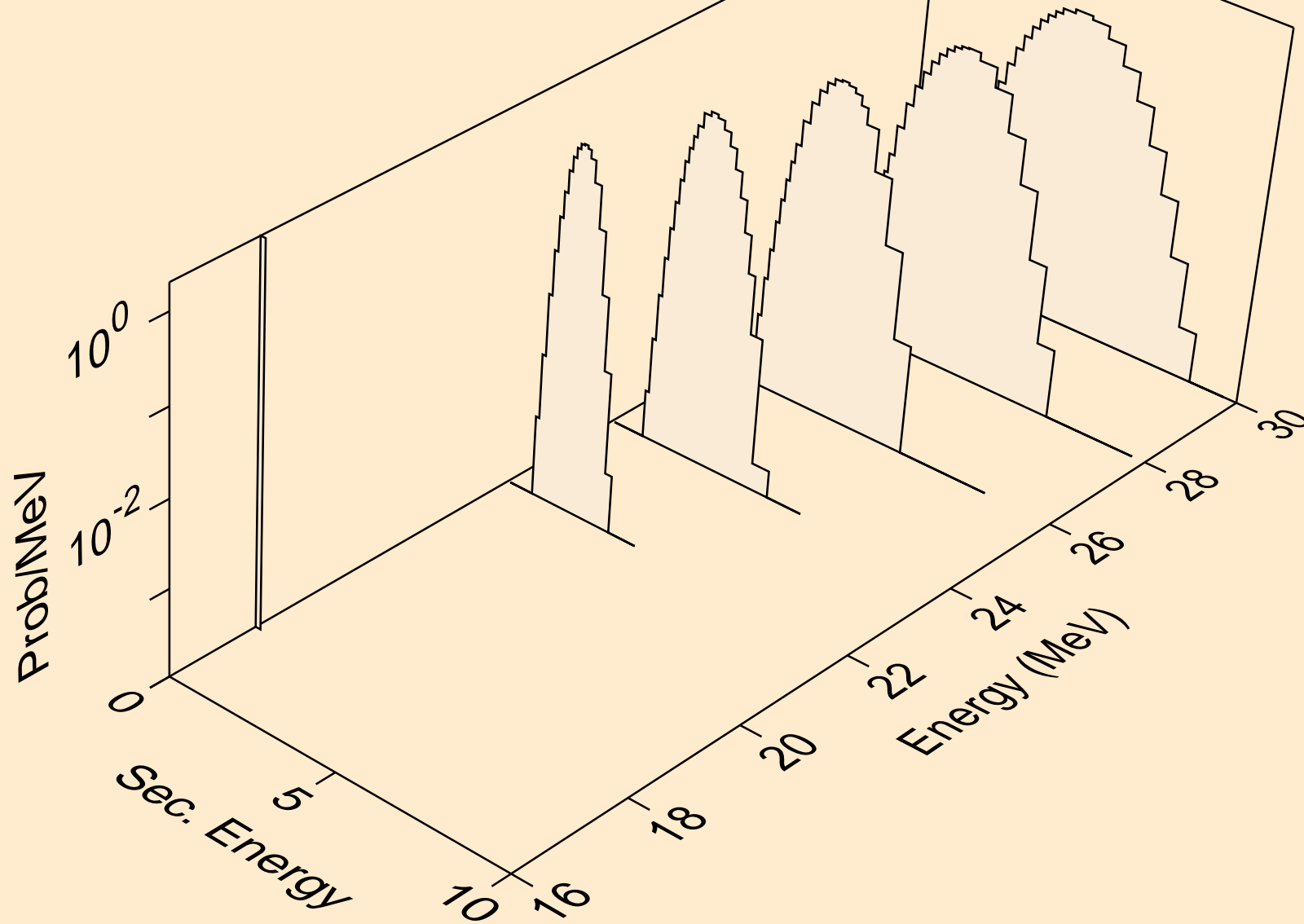
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protons from (n,p)



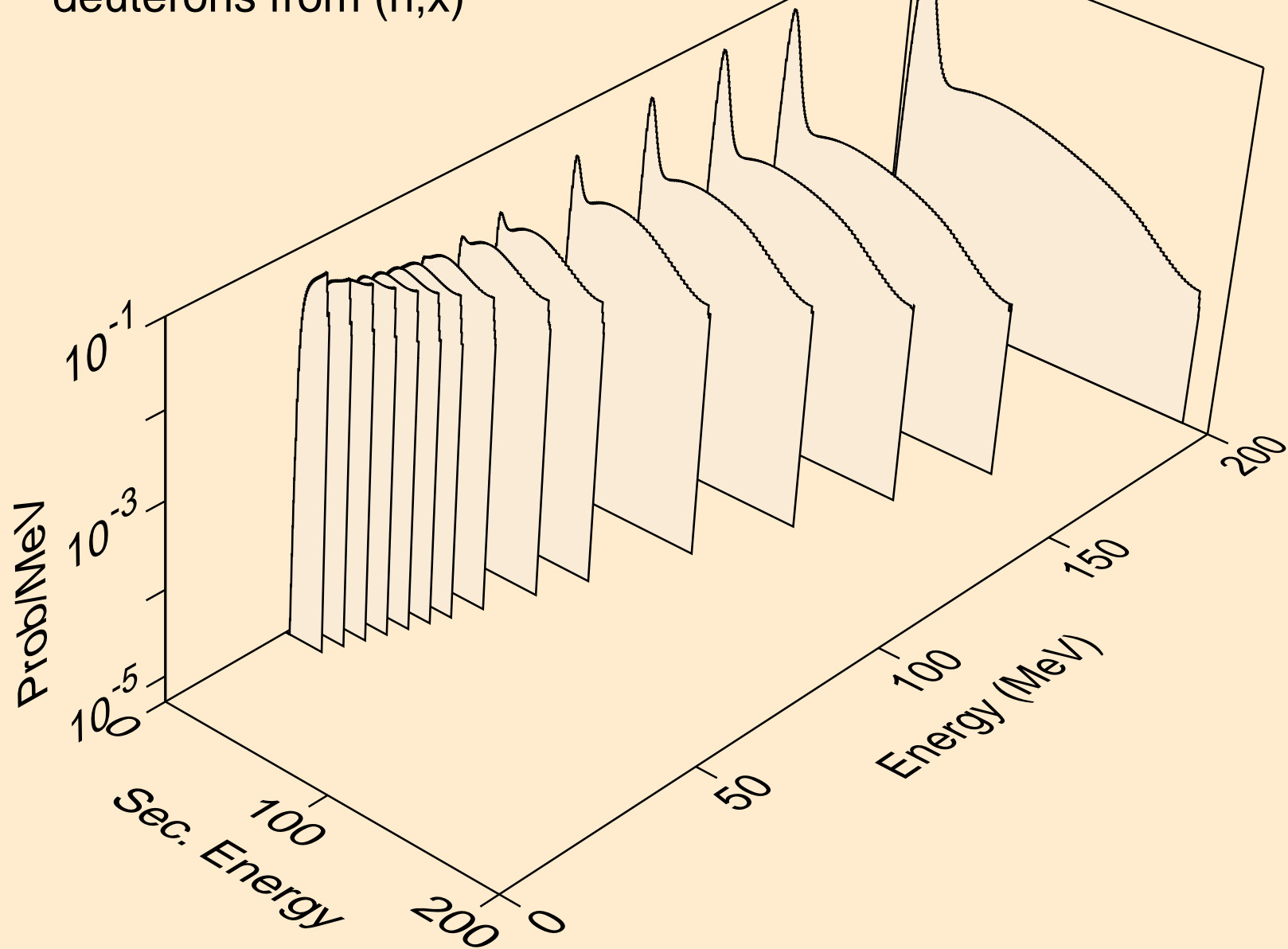
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protons from (n,pd)



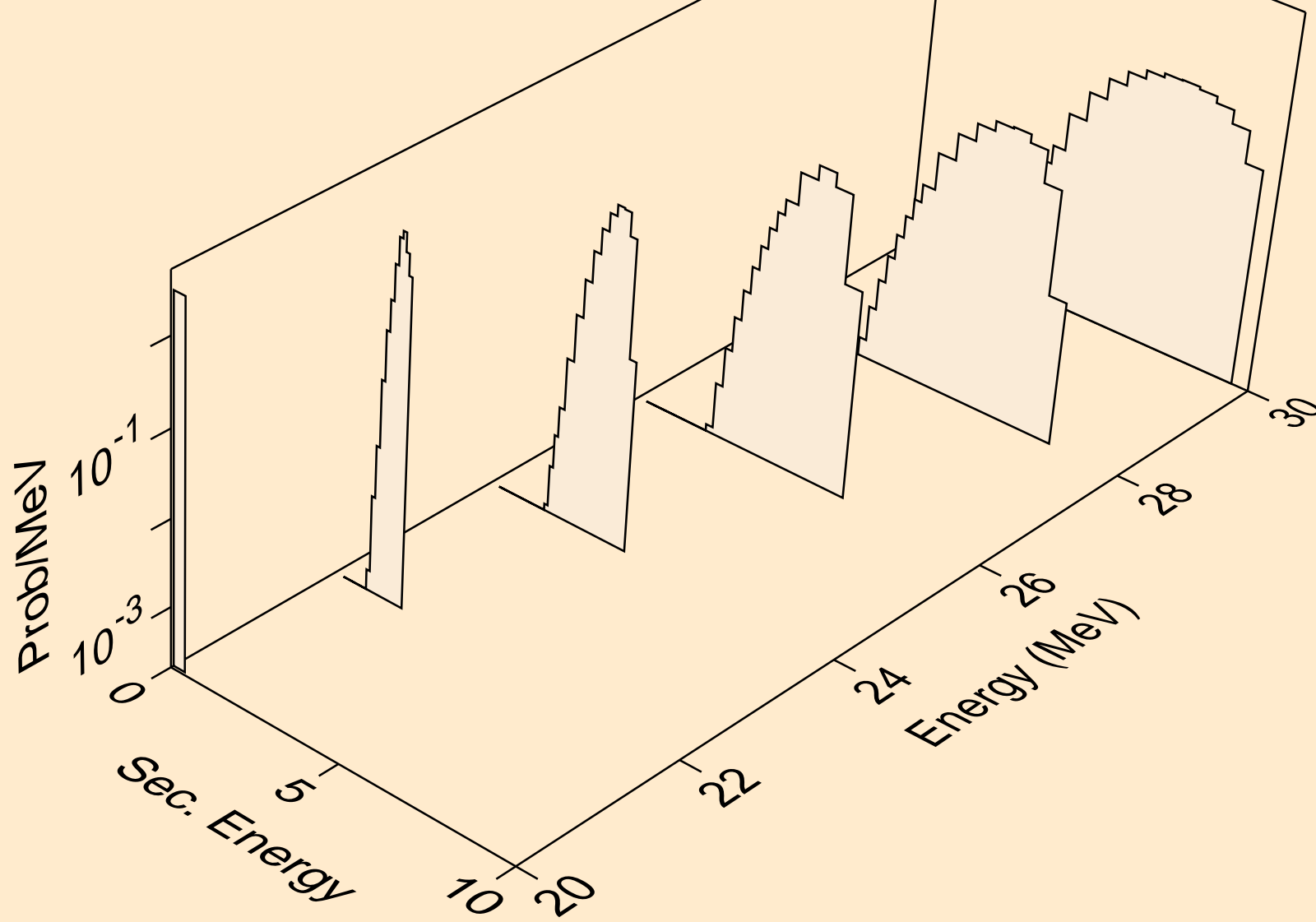
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protons from (n,pt)



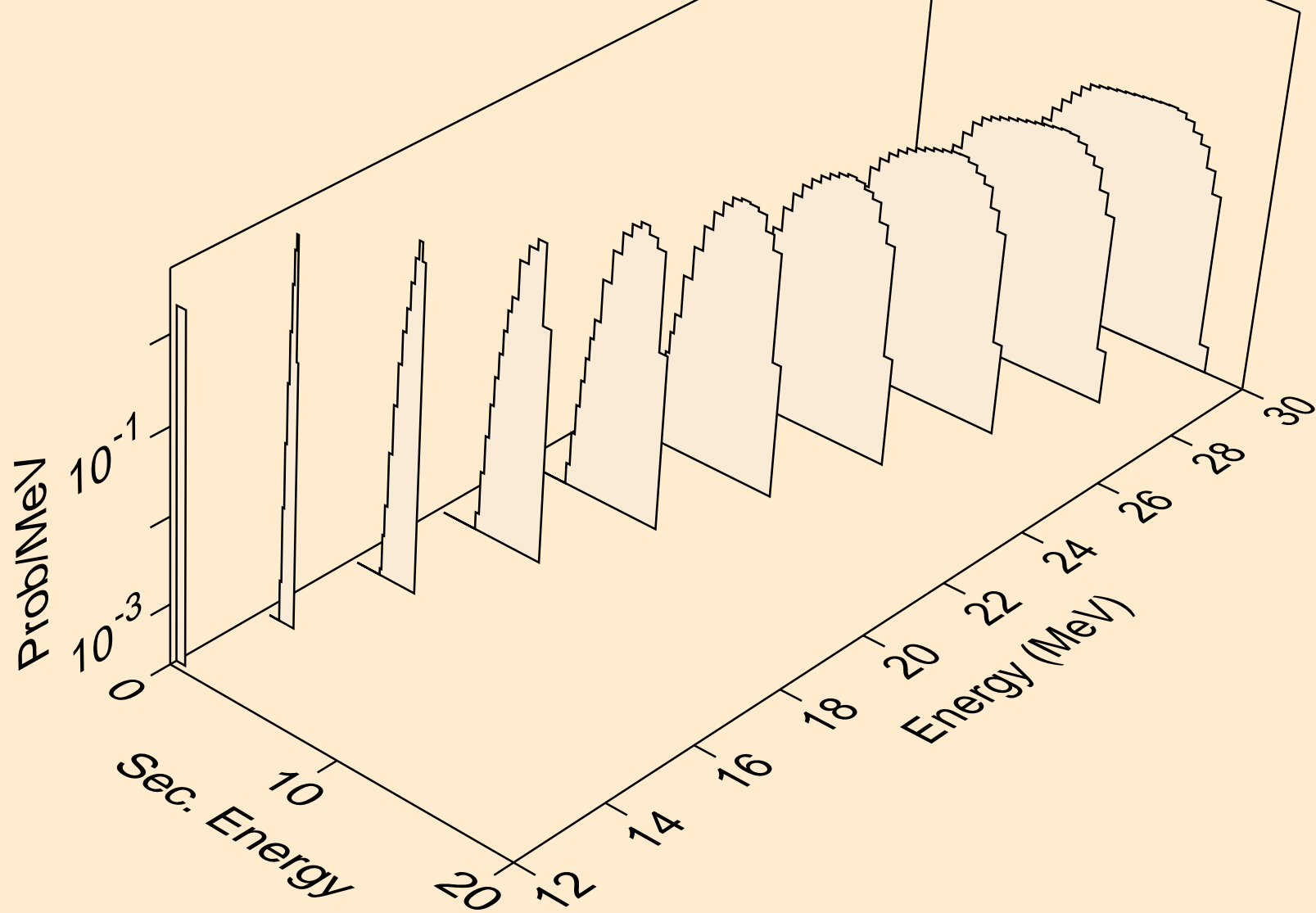
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deuterons from (n,x)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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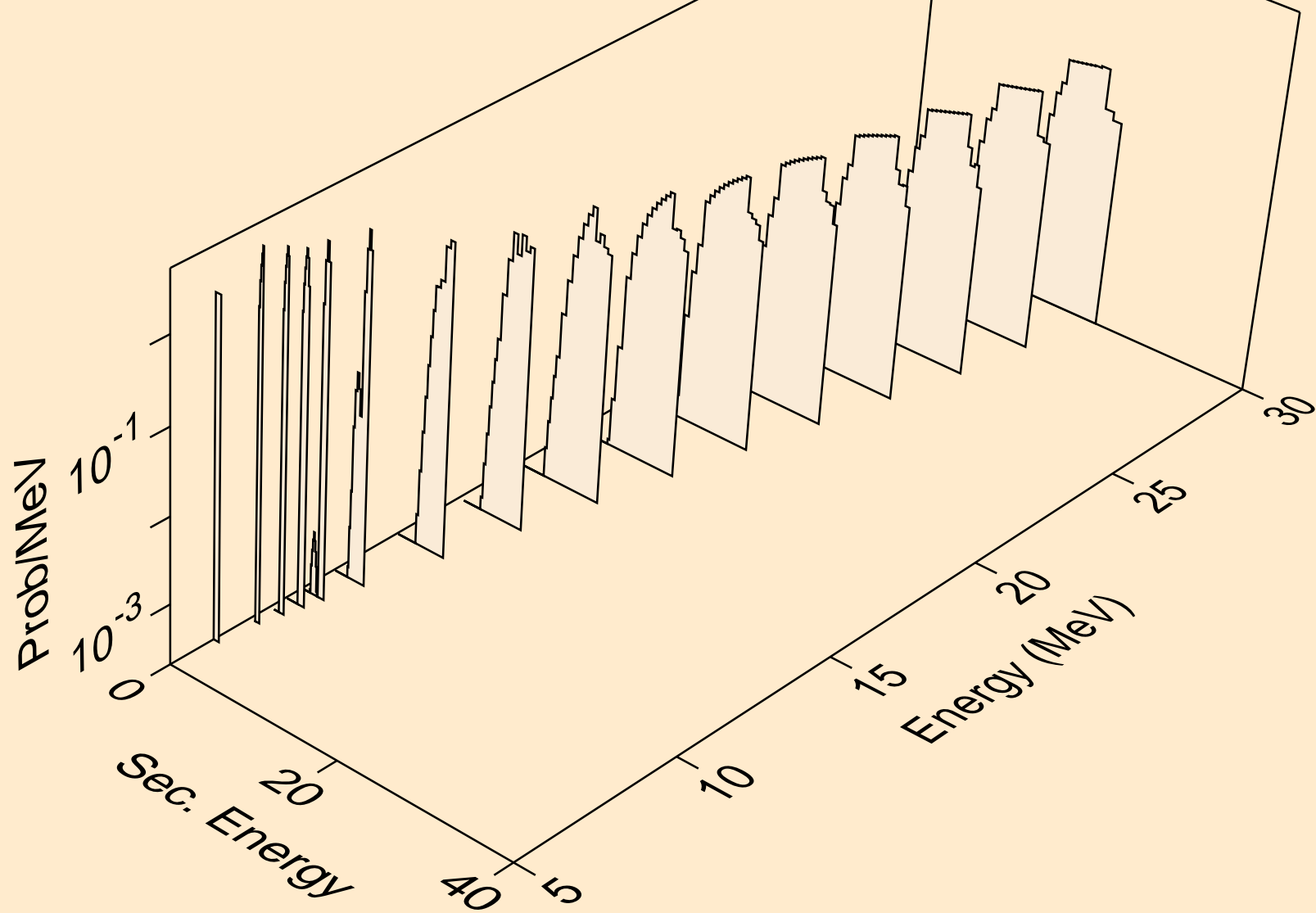


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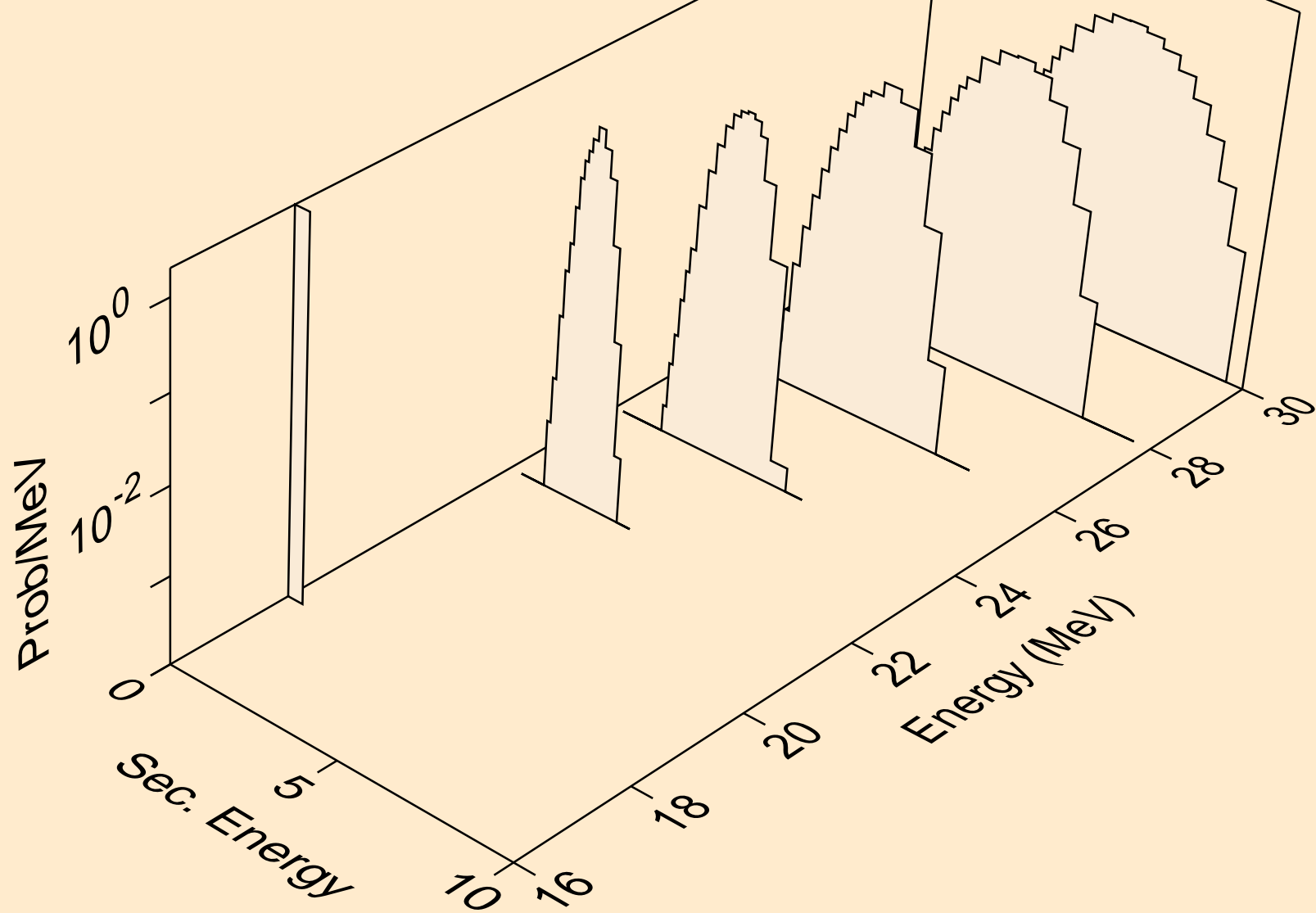




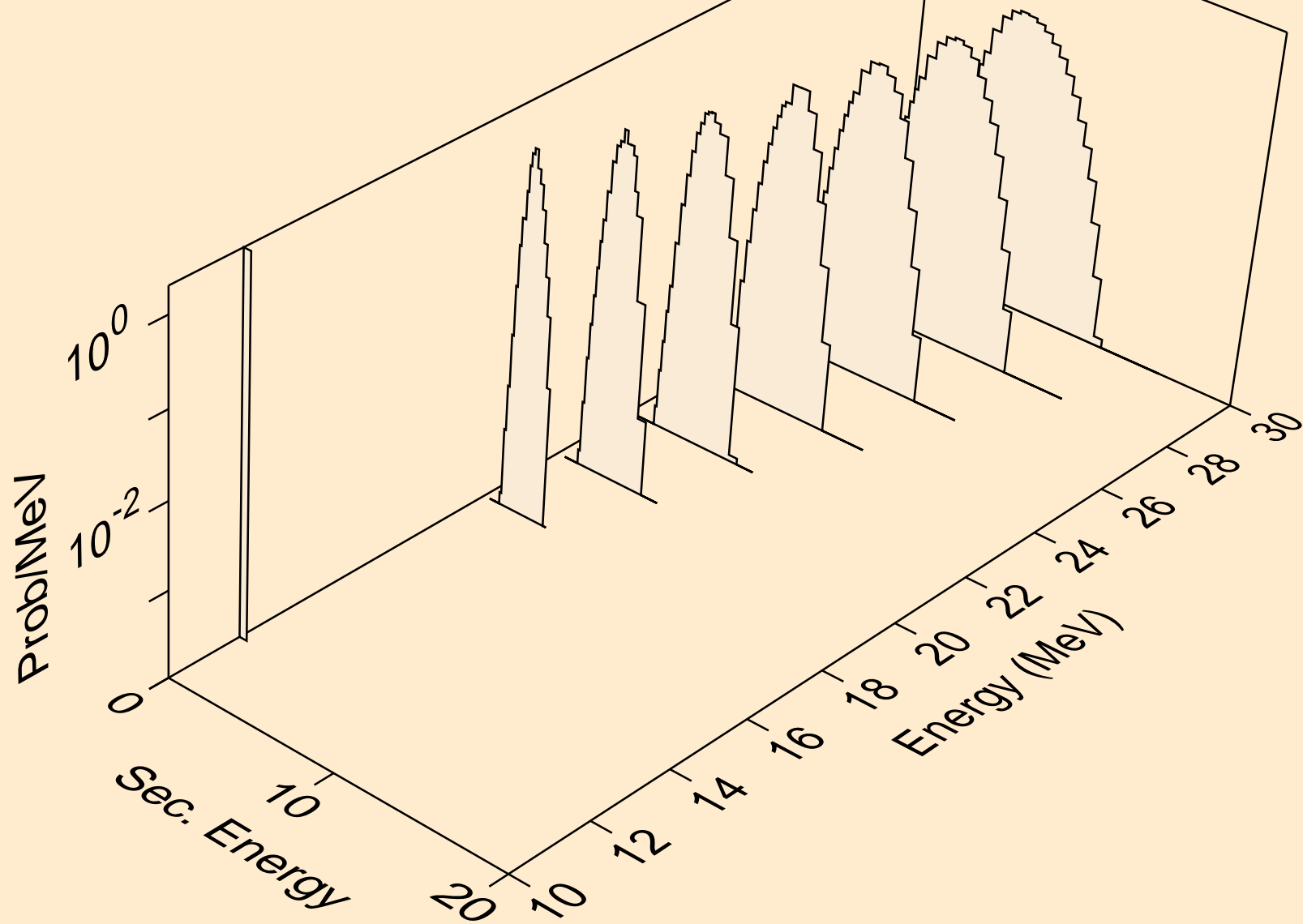
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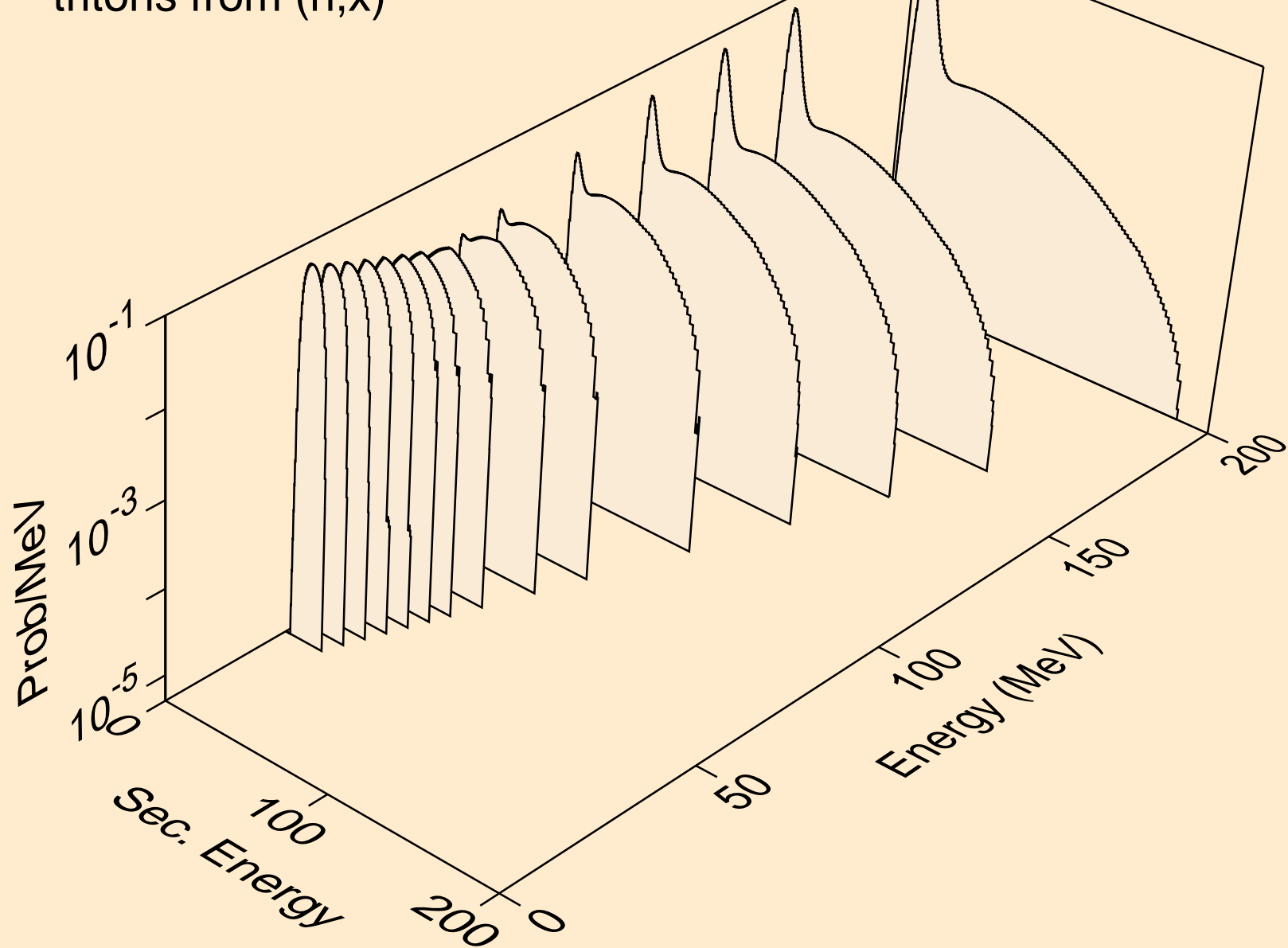
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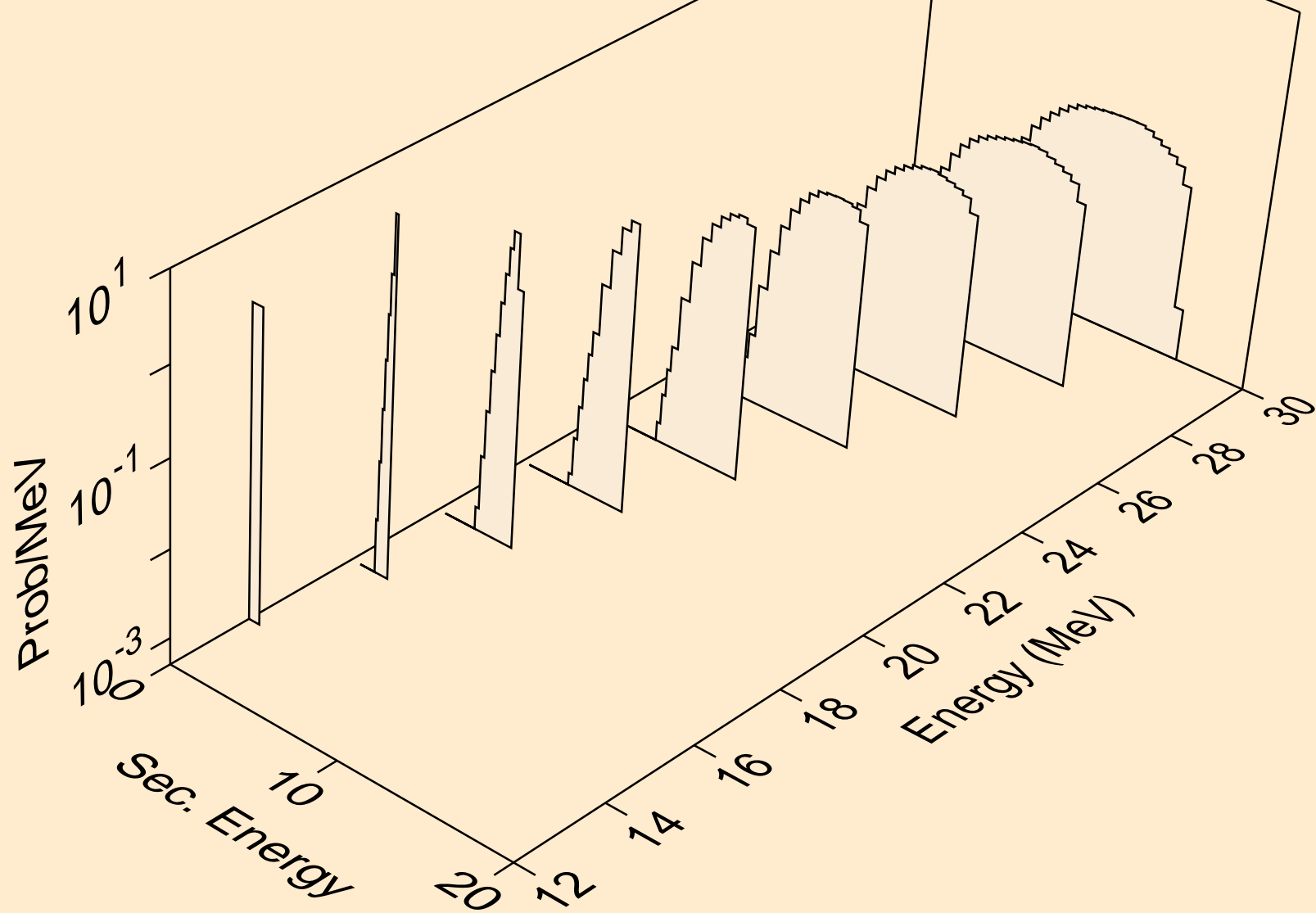
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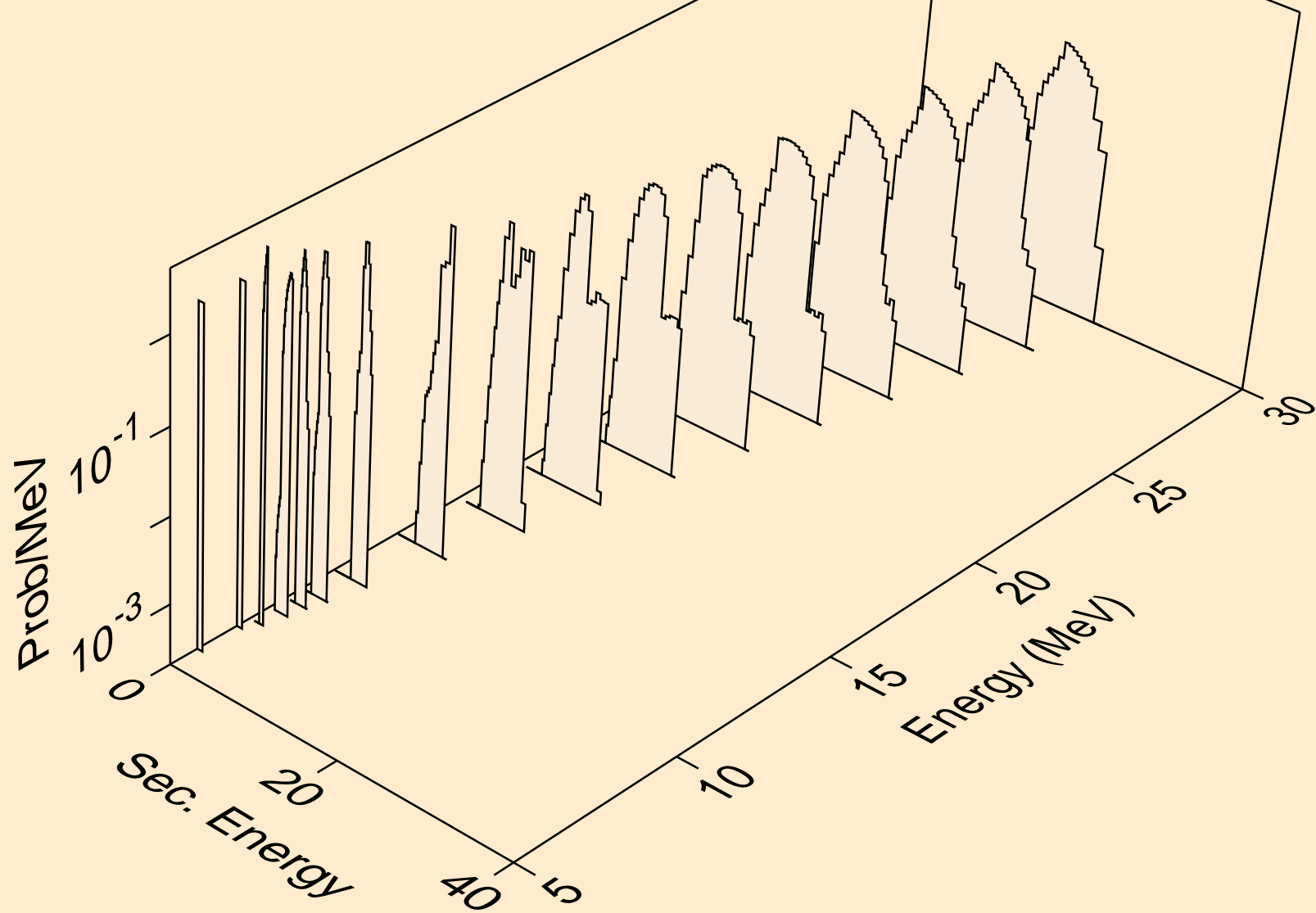
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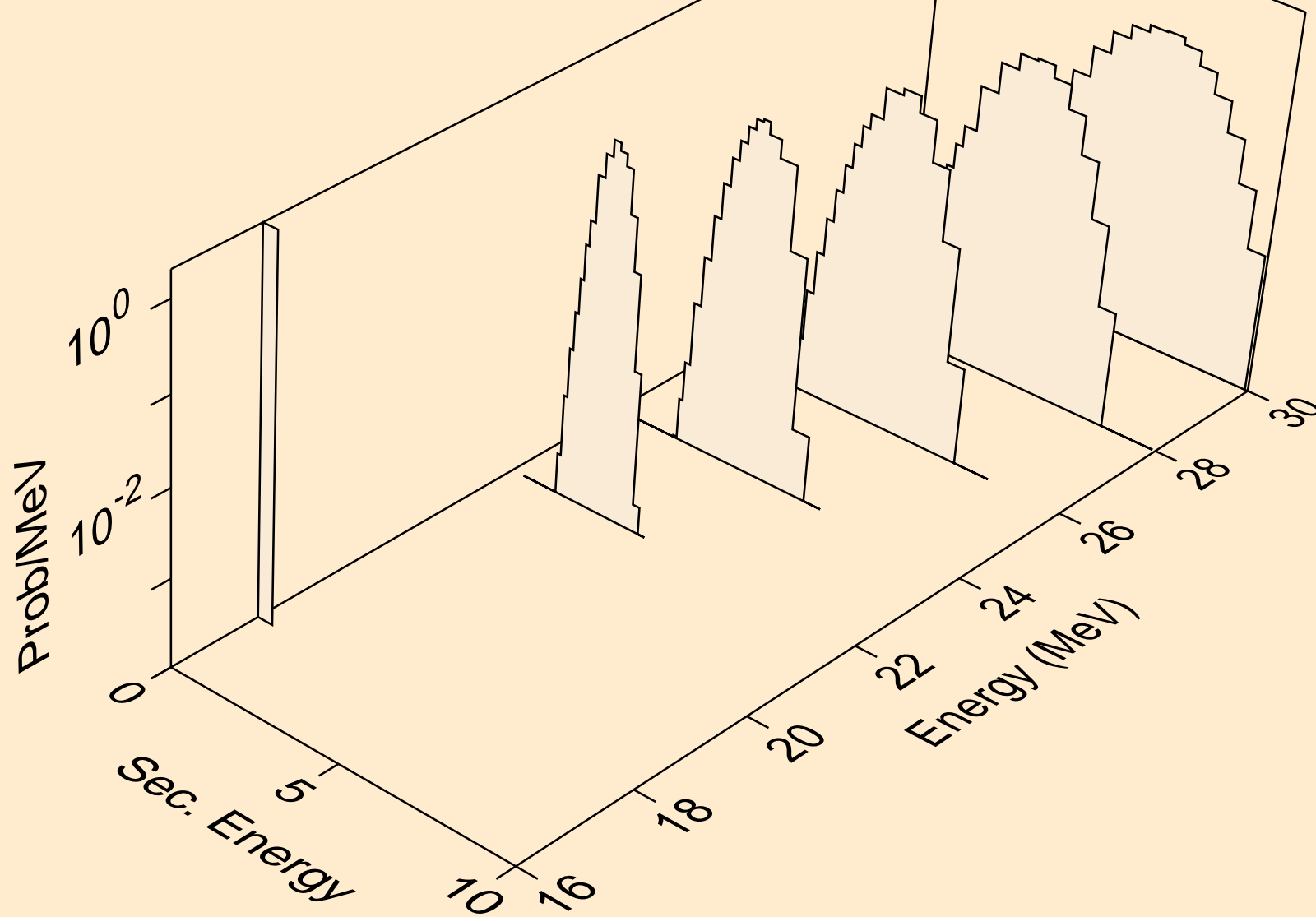
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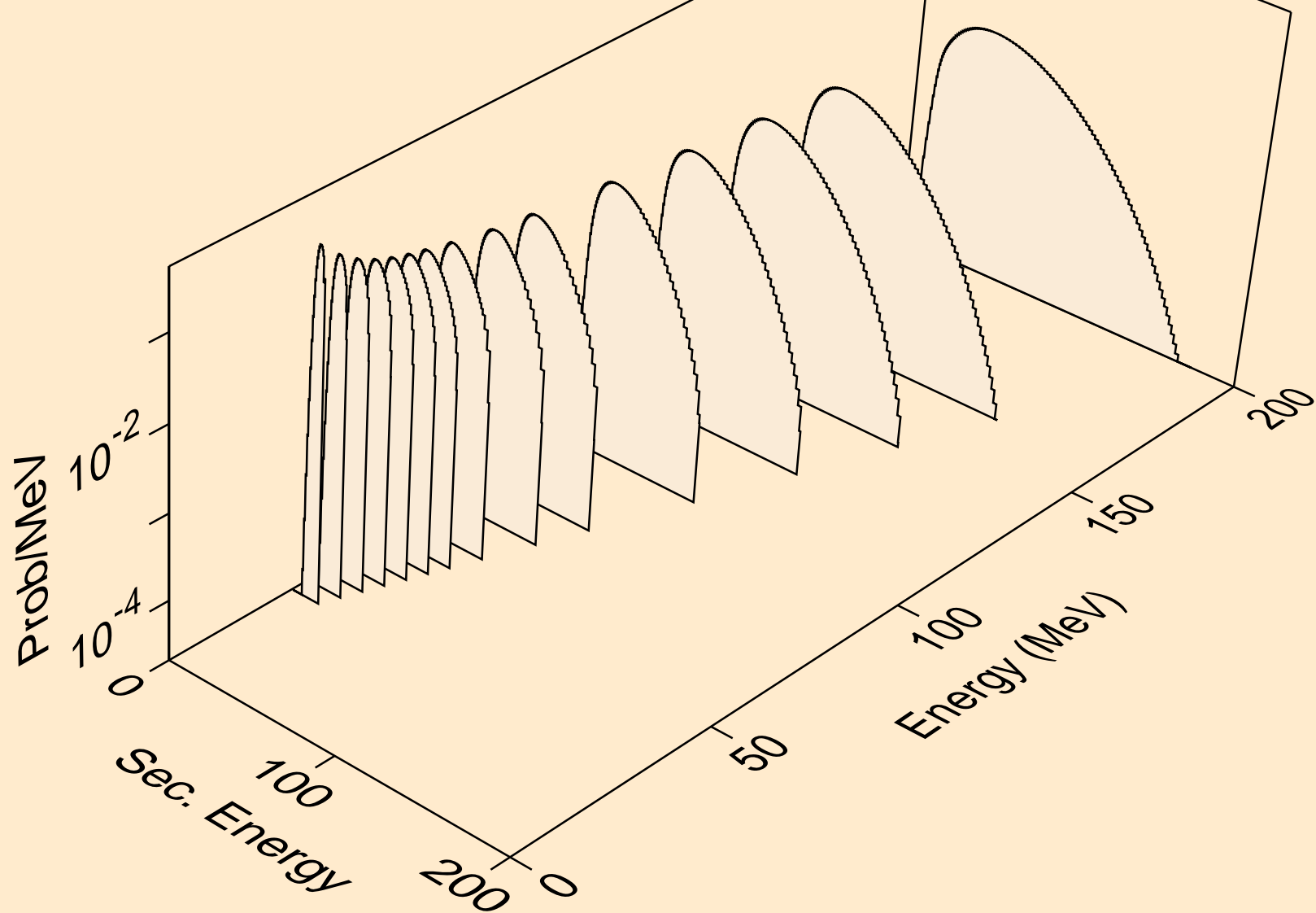
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

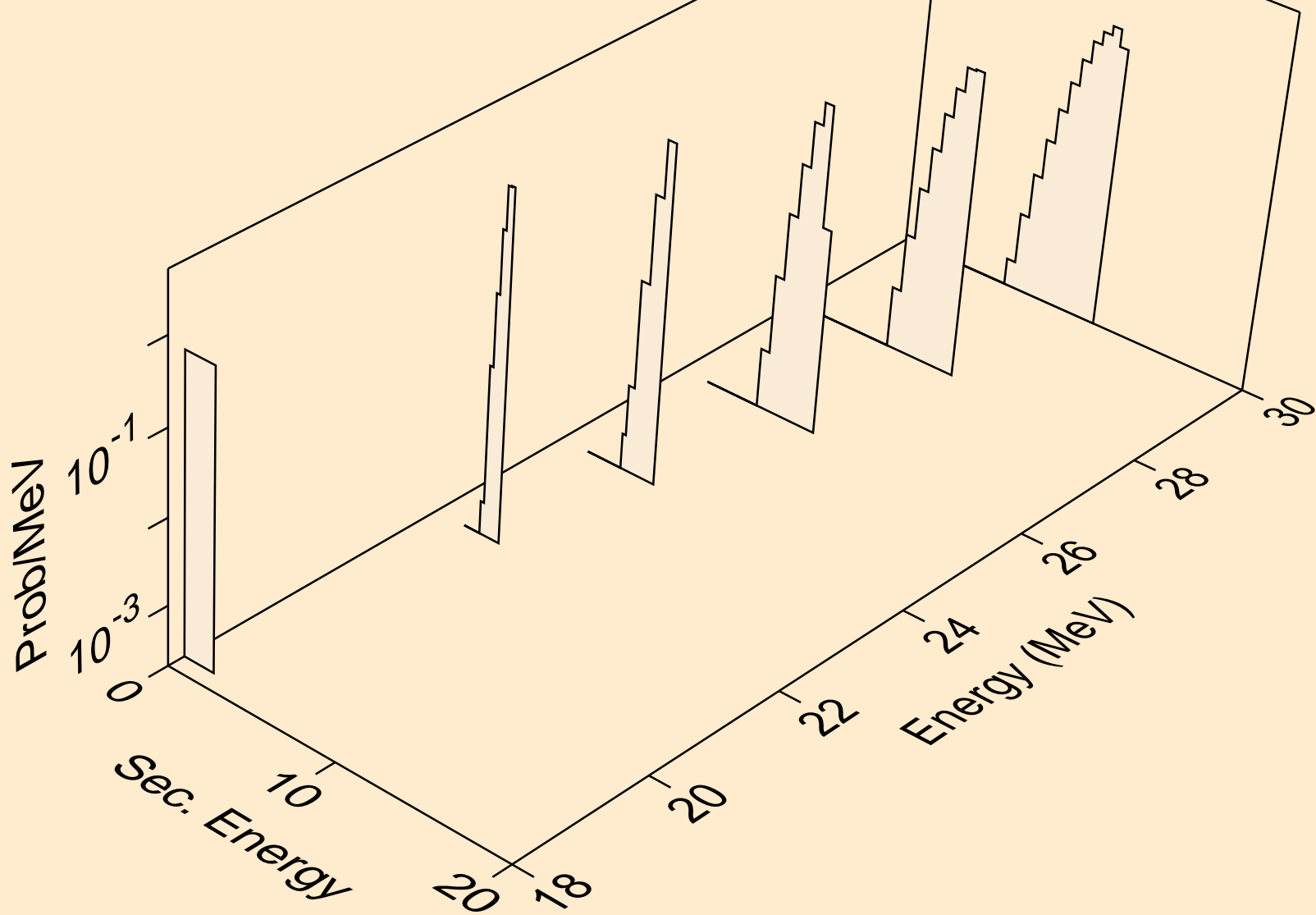


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

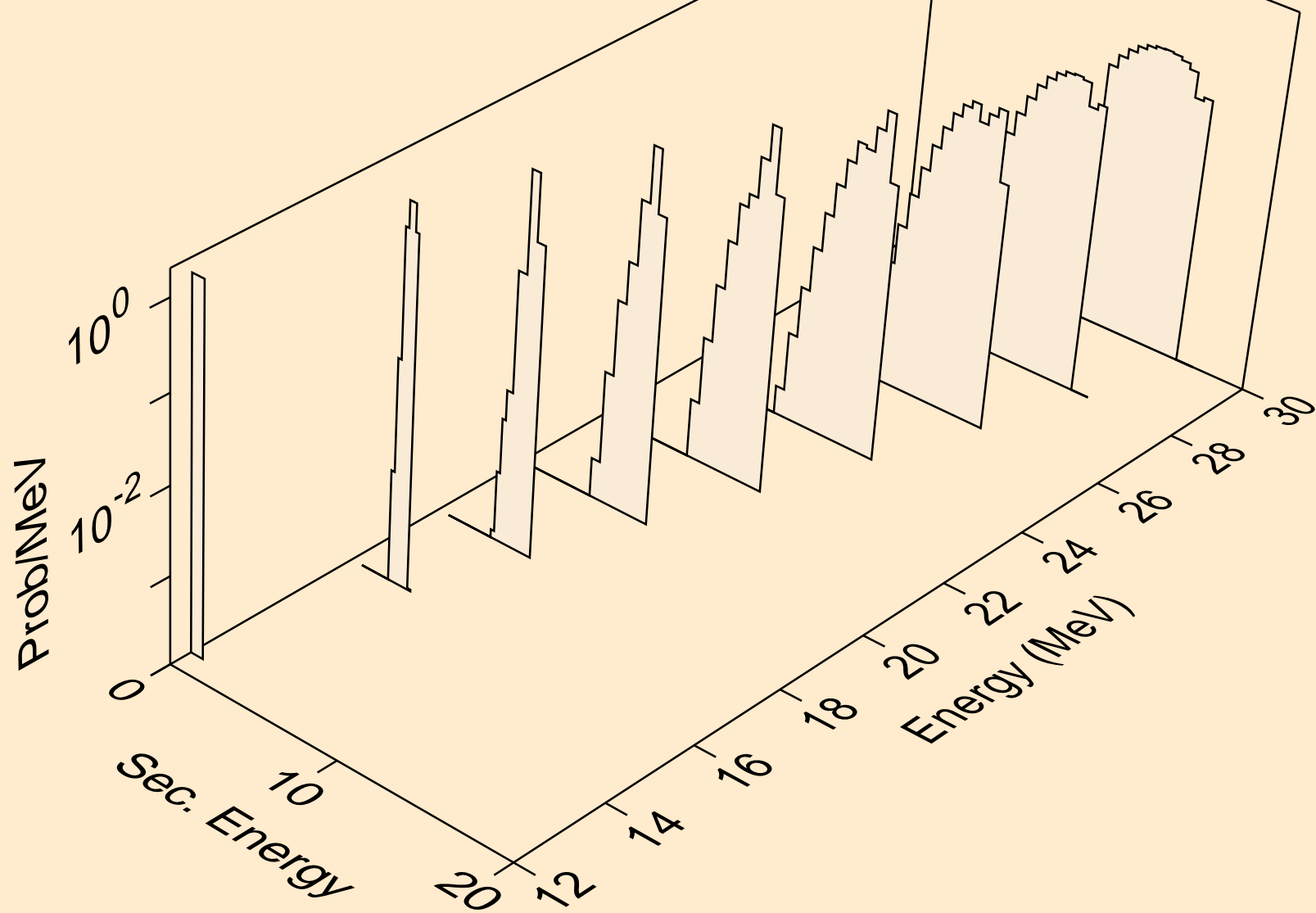




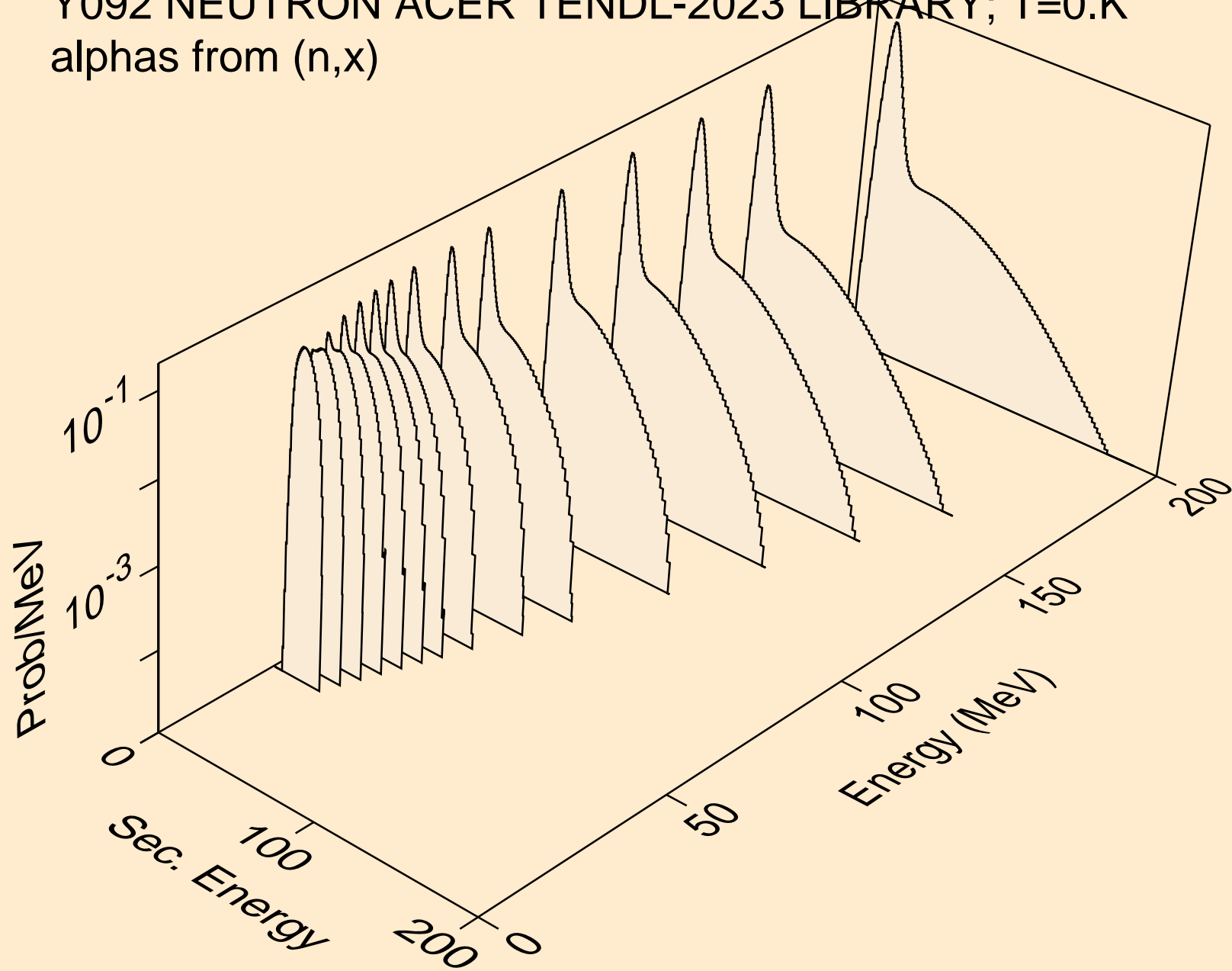
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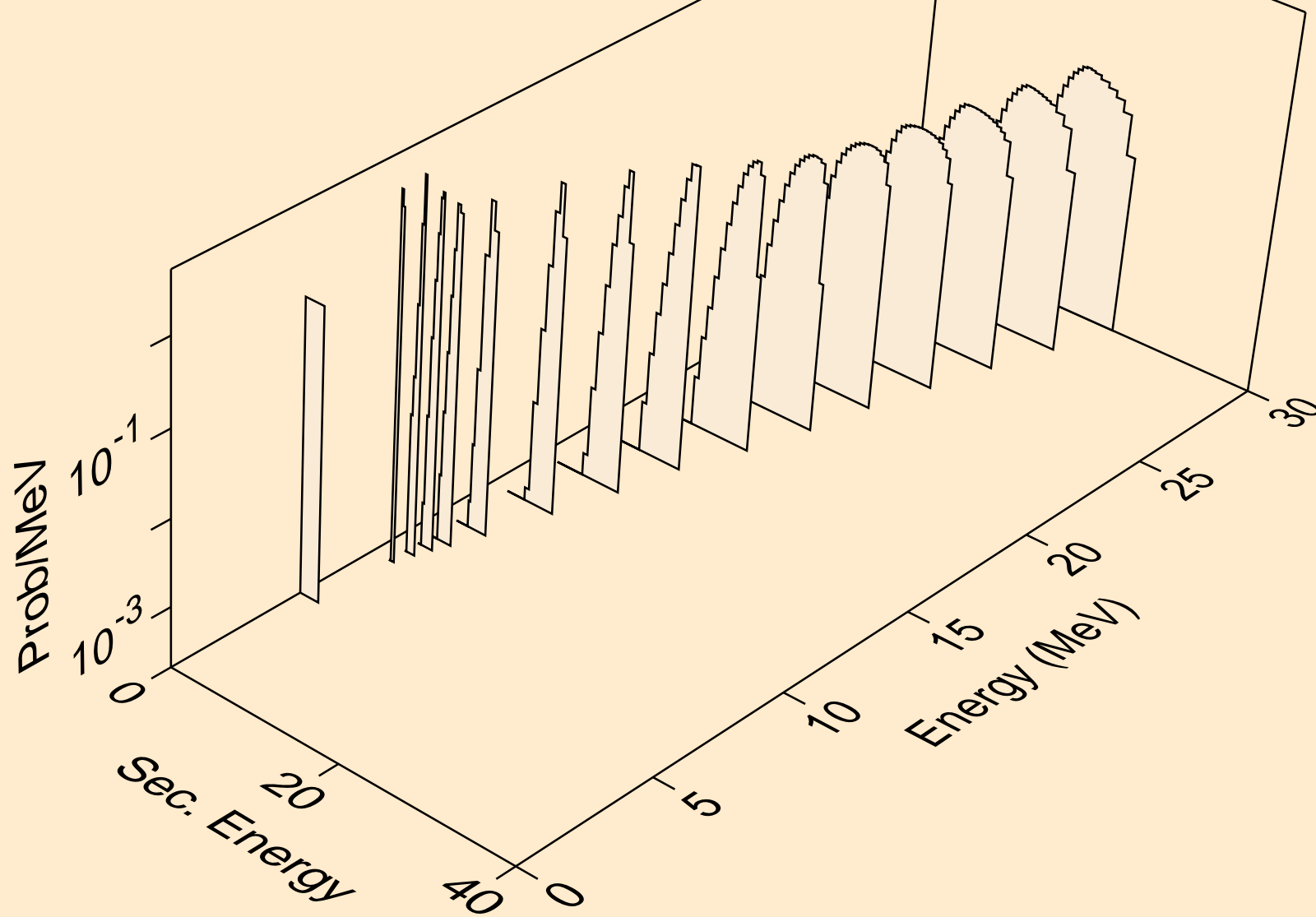
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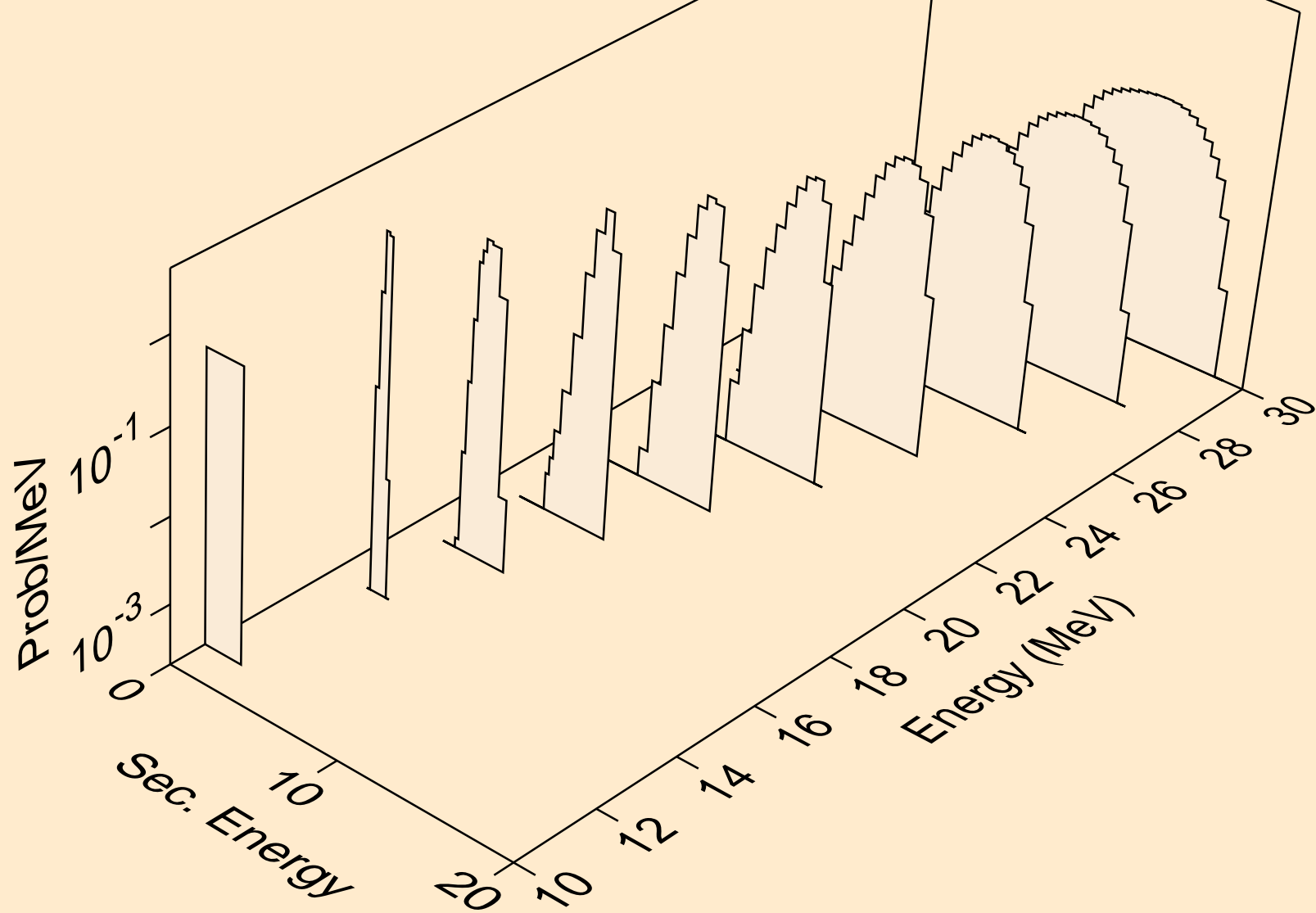
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alphas from (n,x)



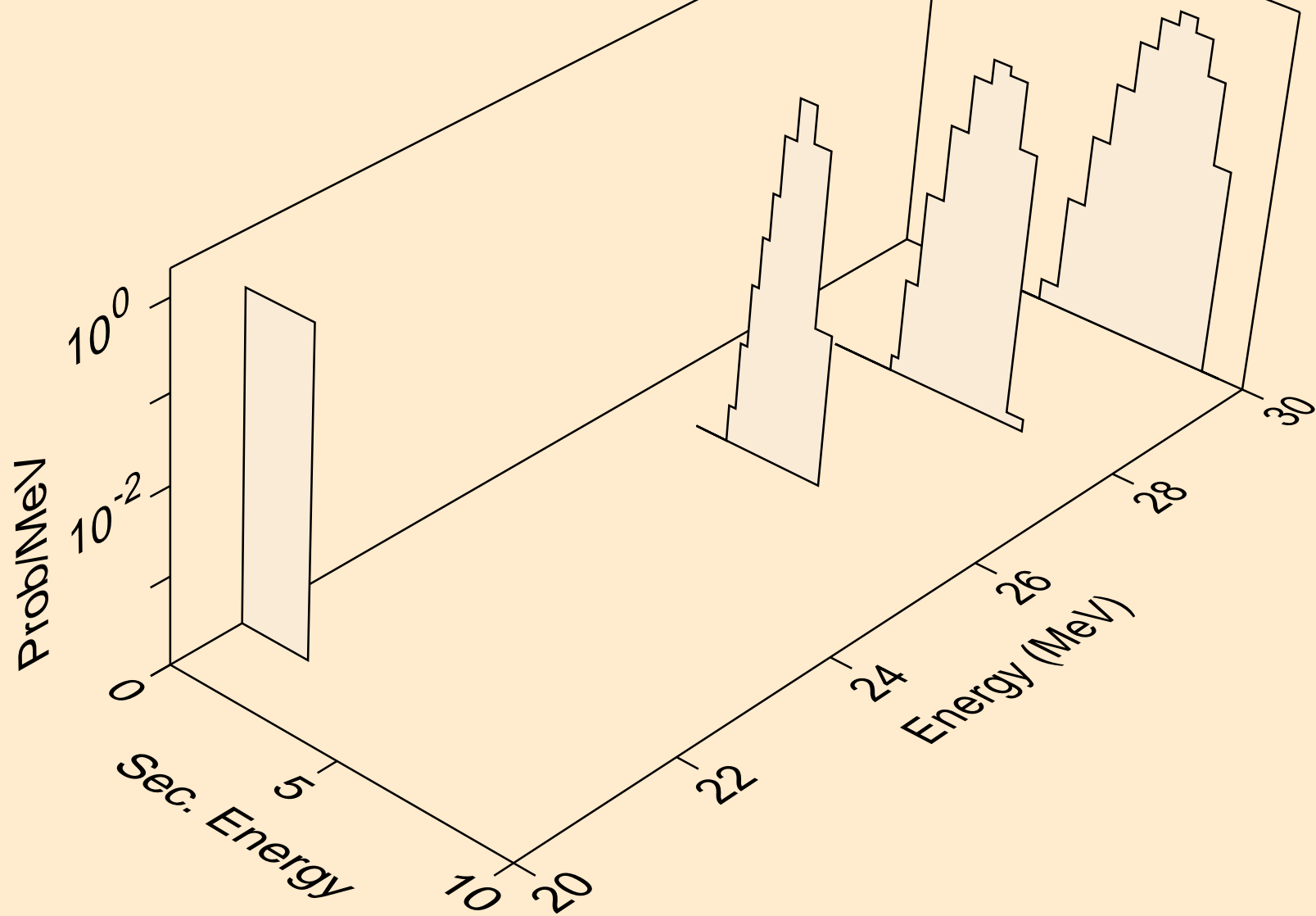
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



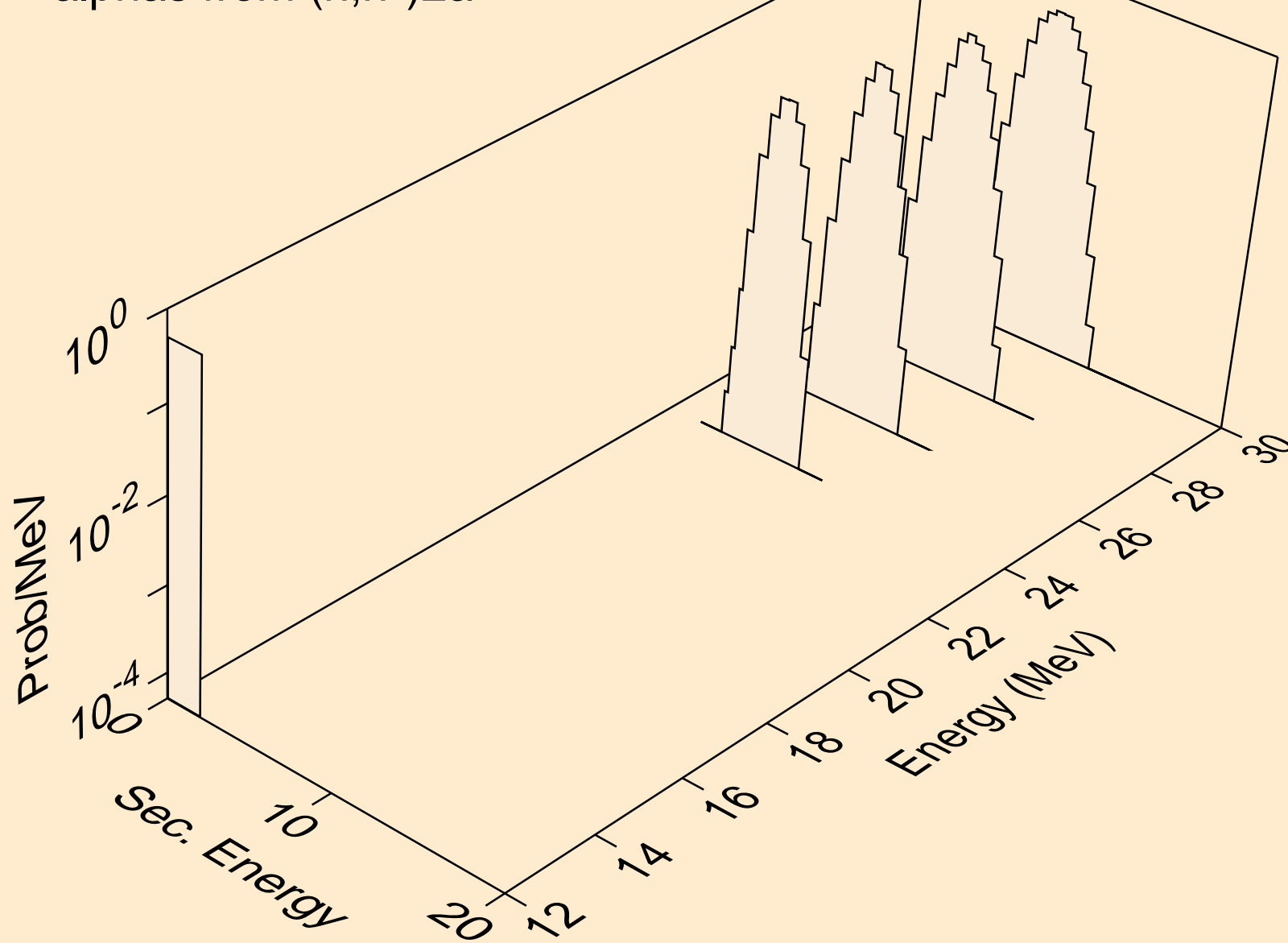
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



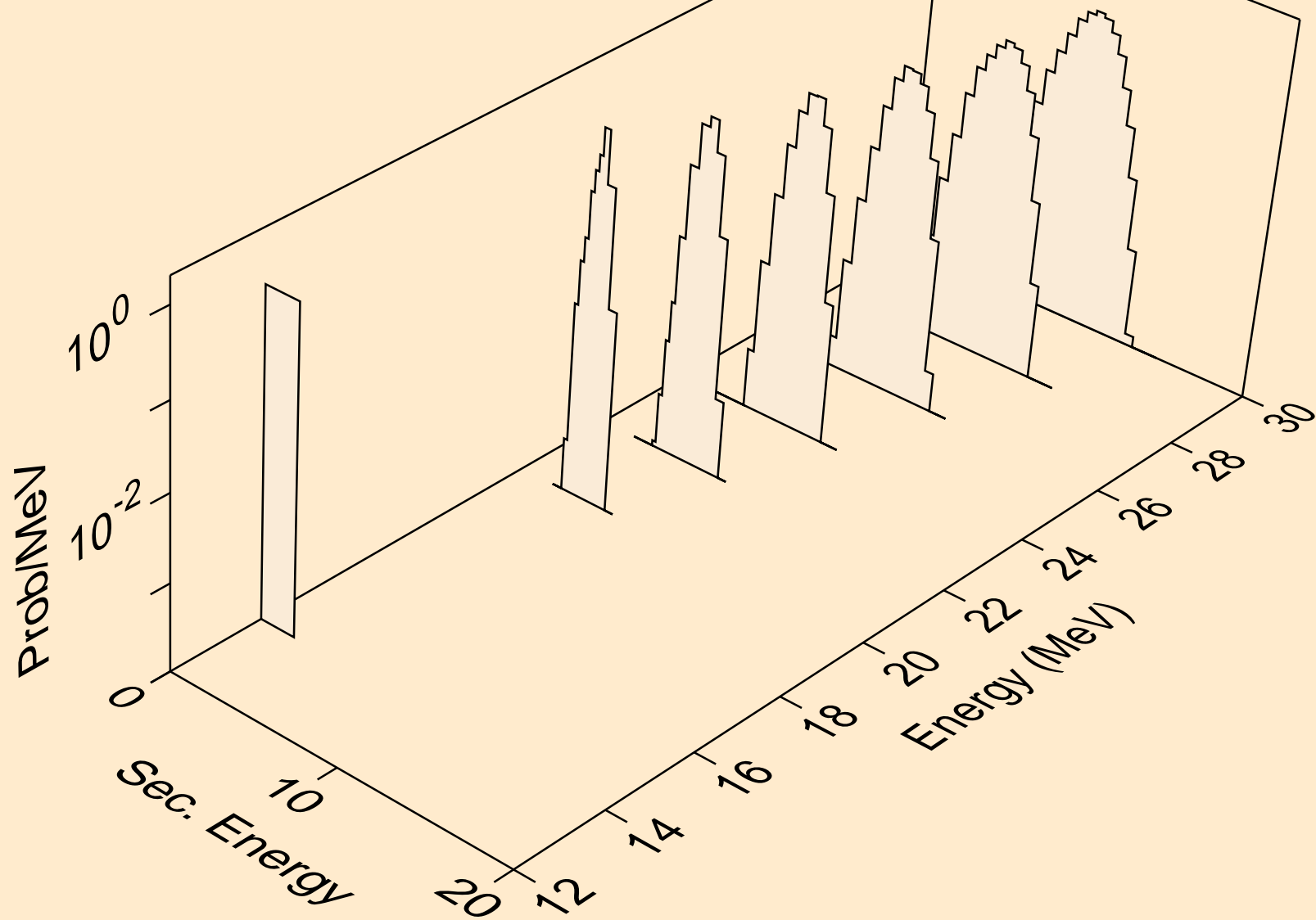
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

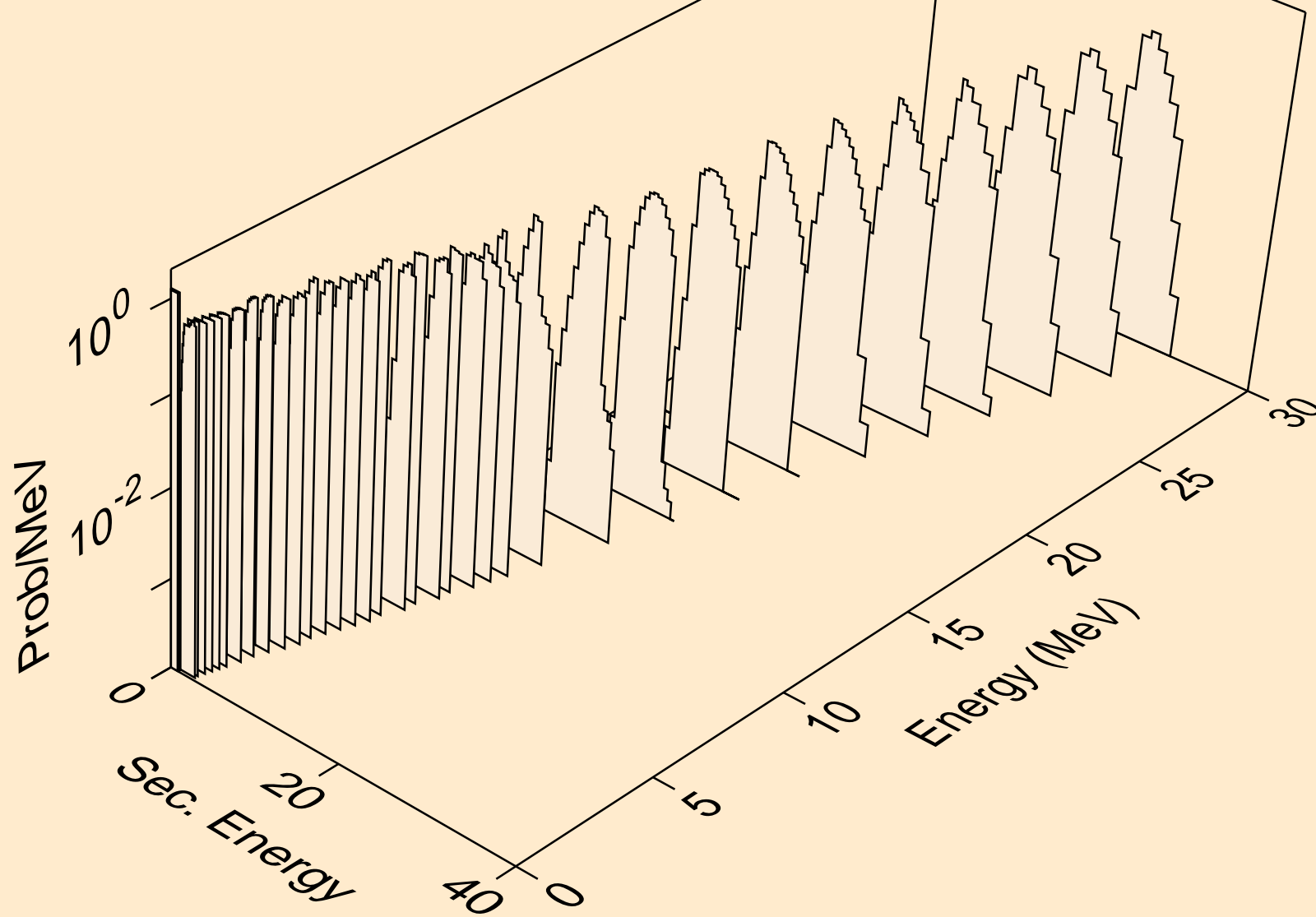


Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

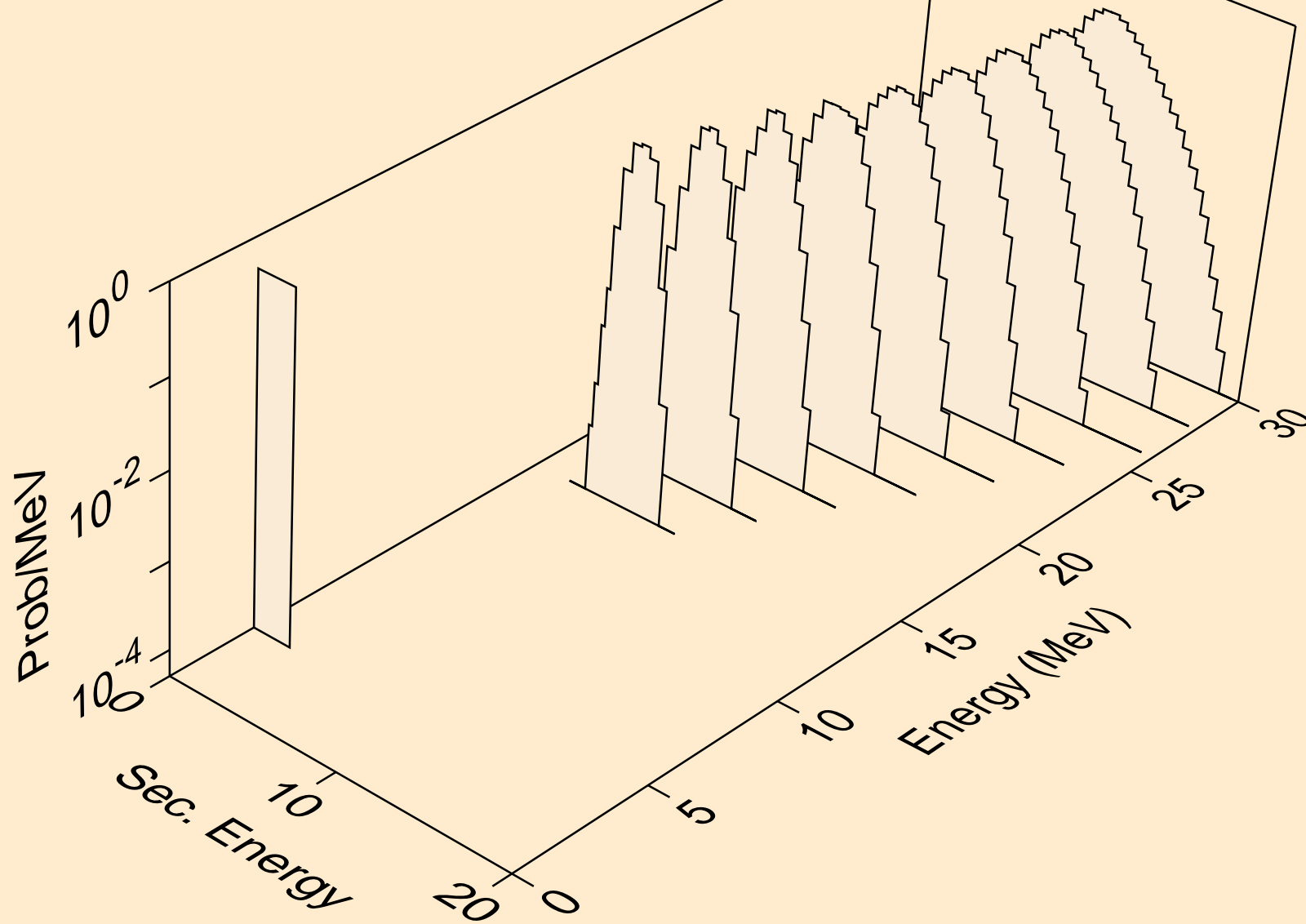




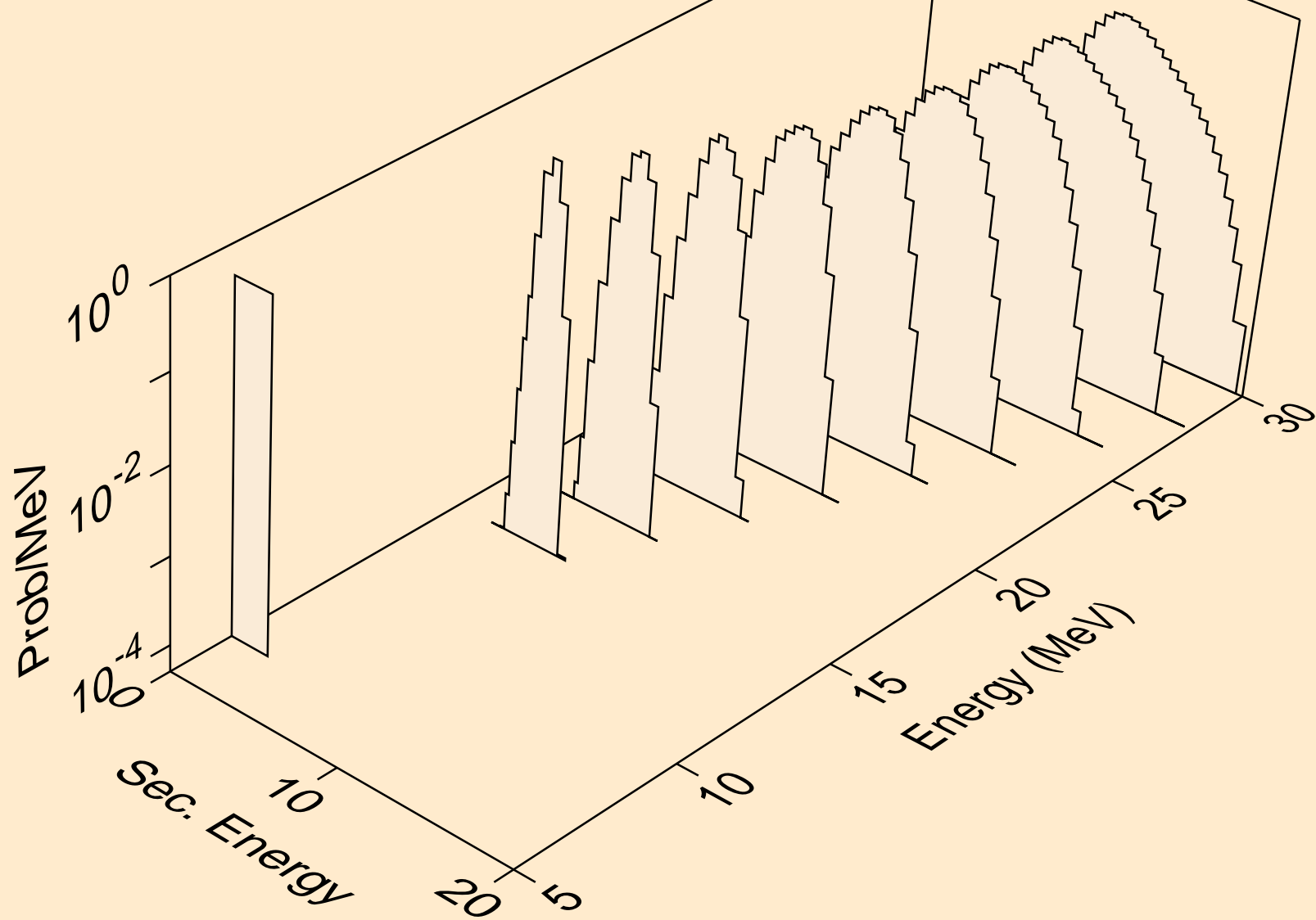
Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



Y092 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

