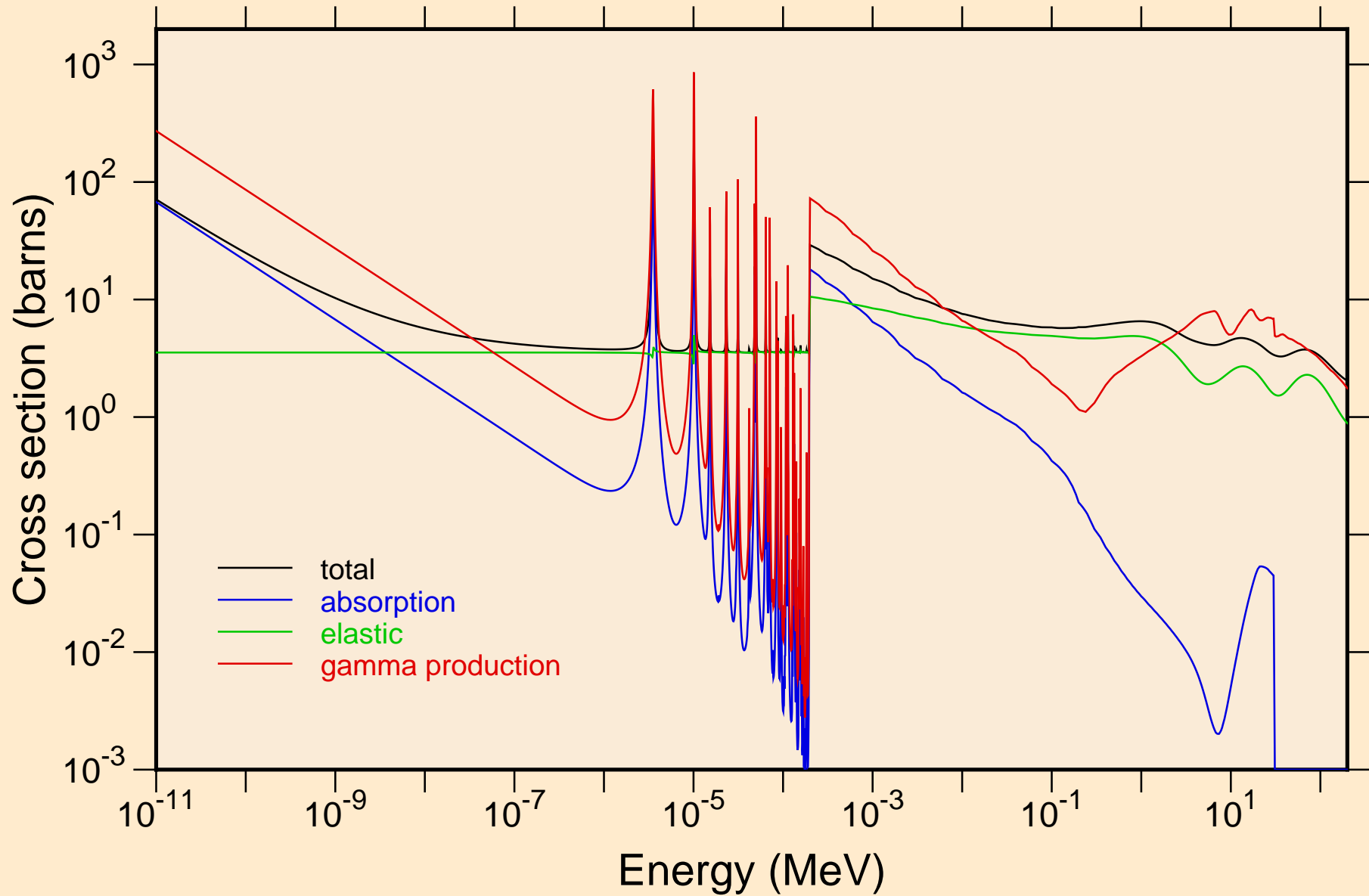
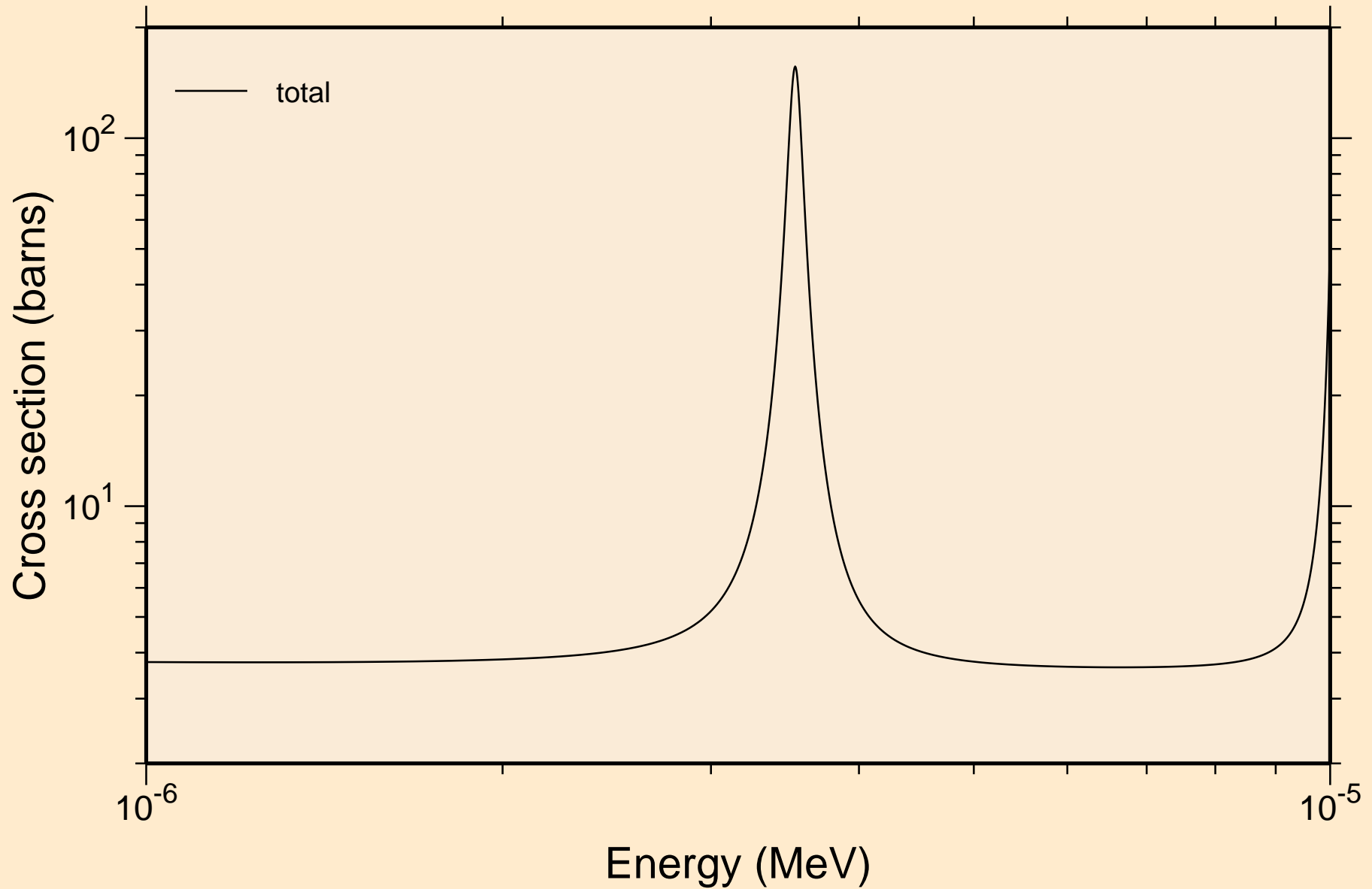


# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

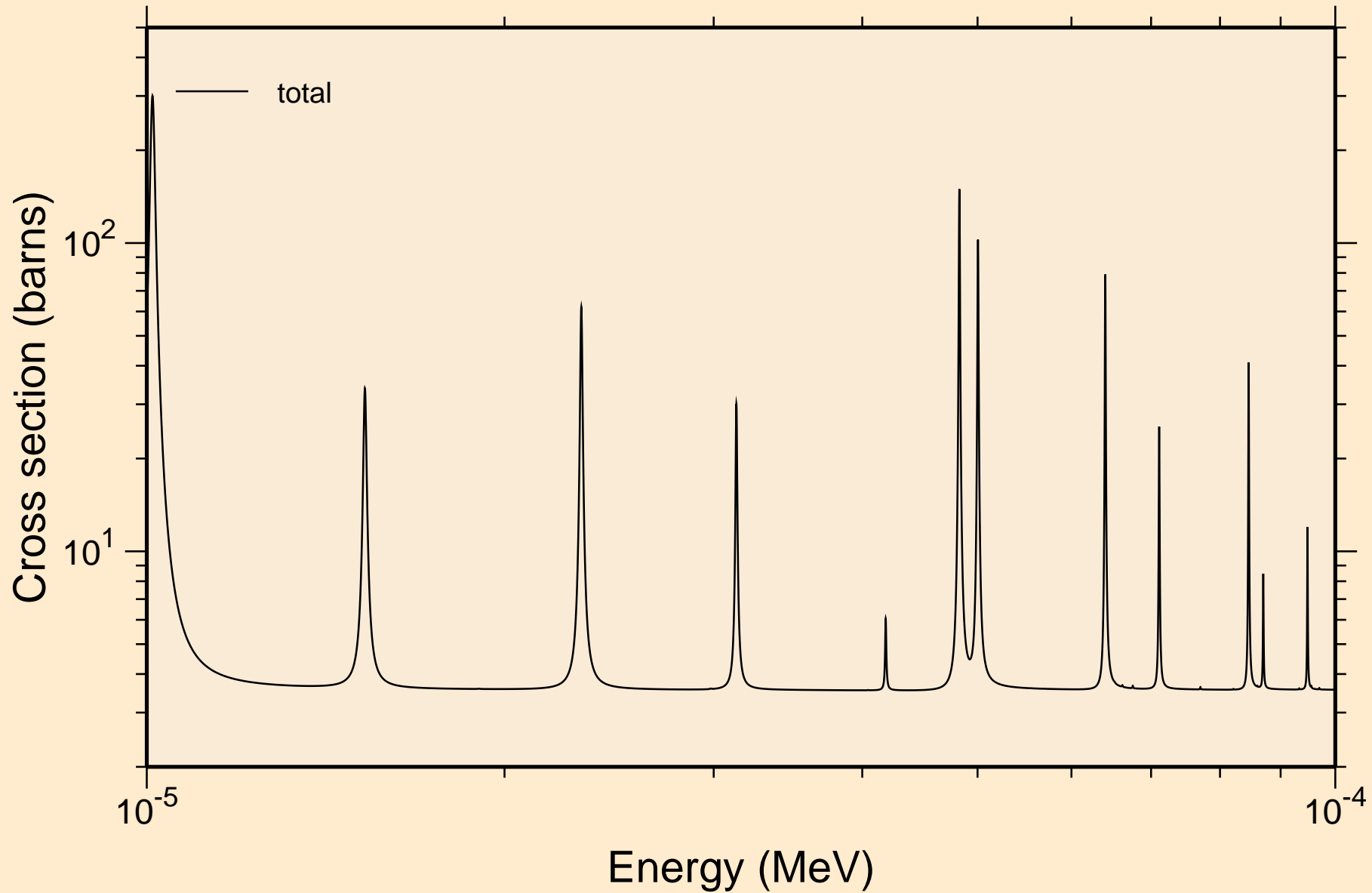
## Principal cross sections



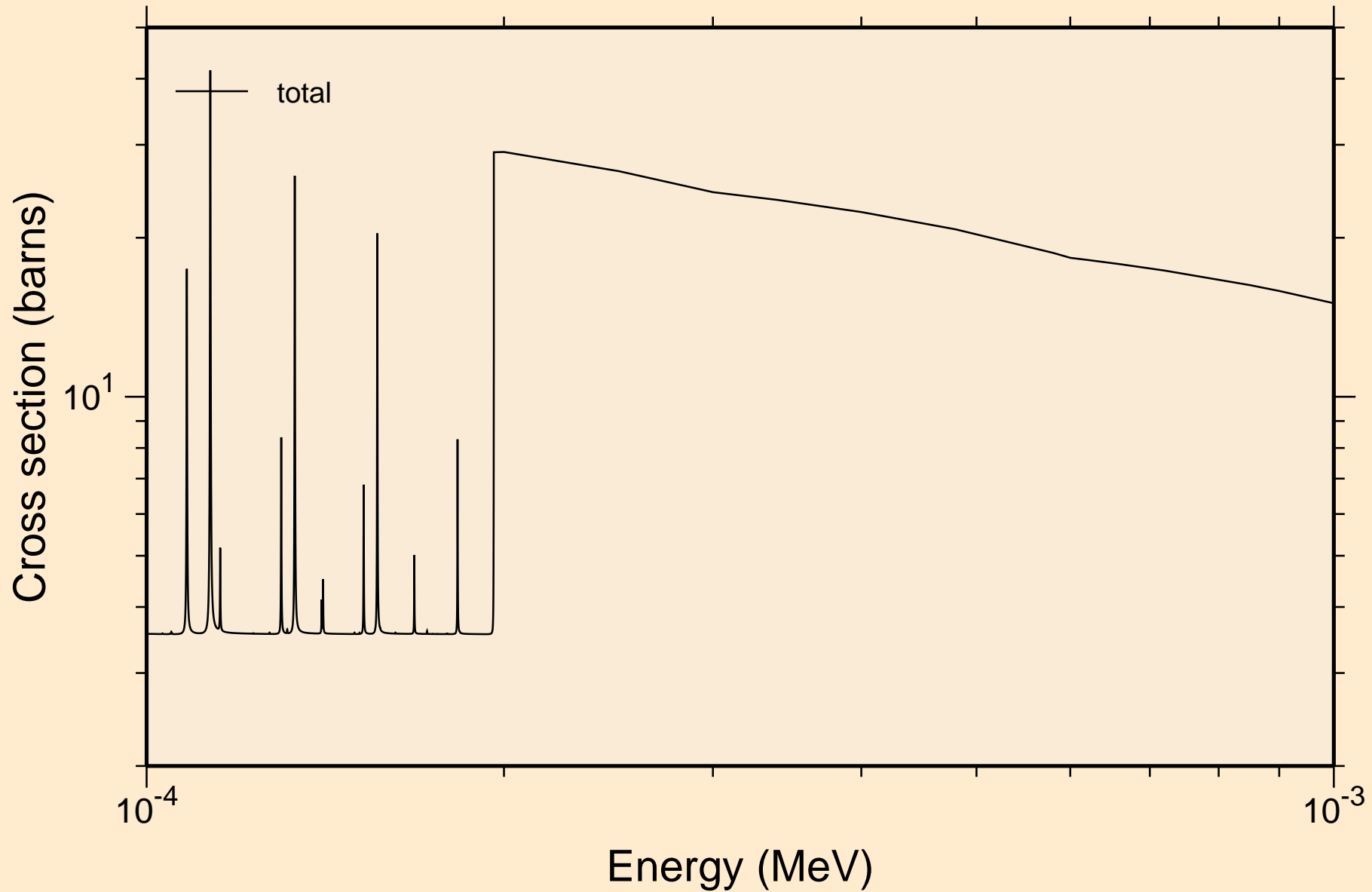
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



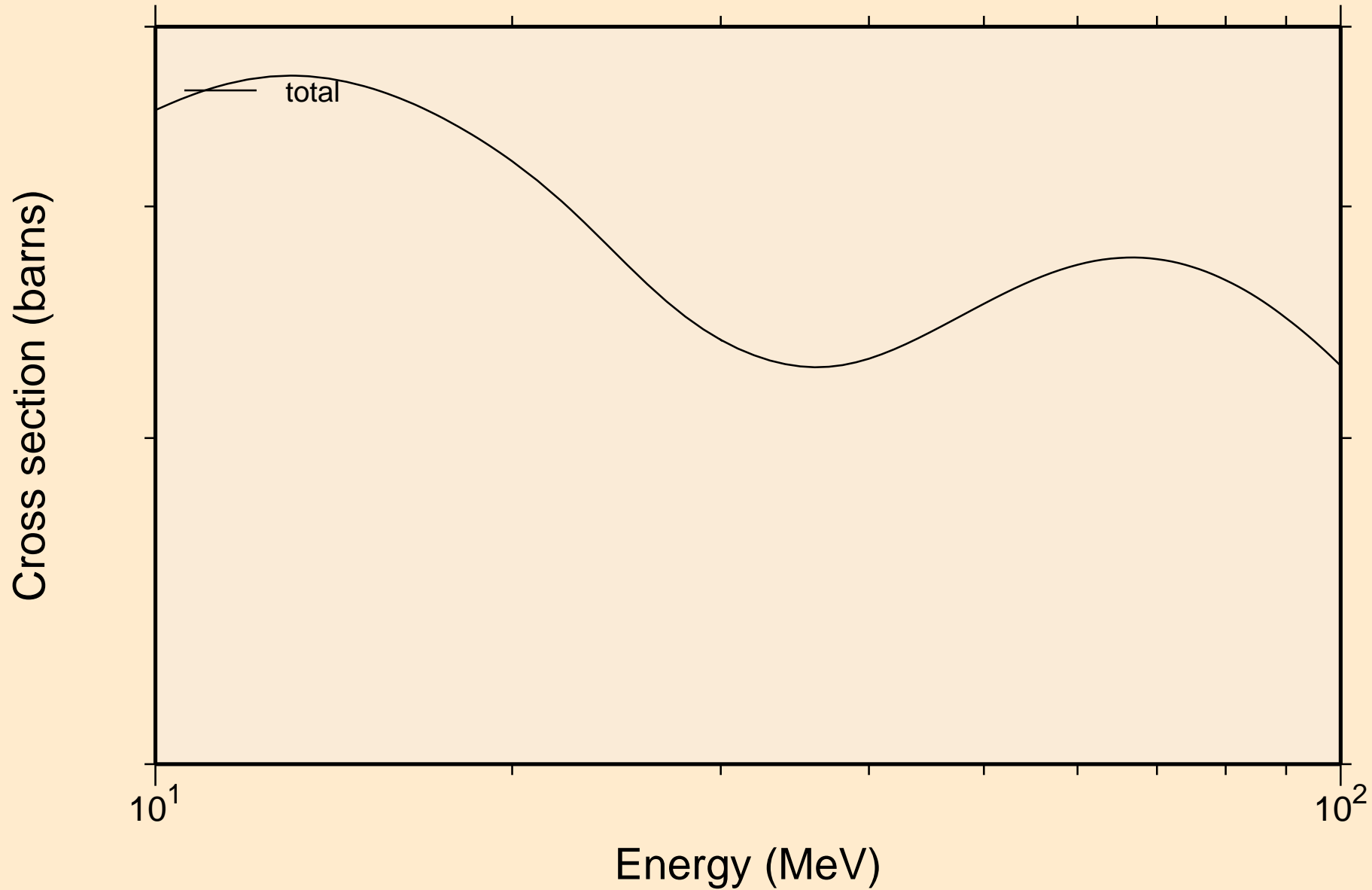
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



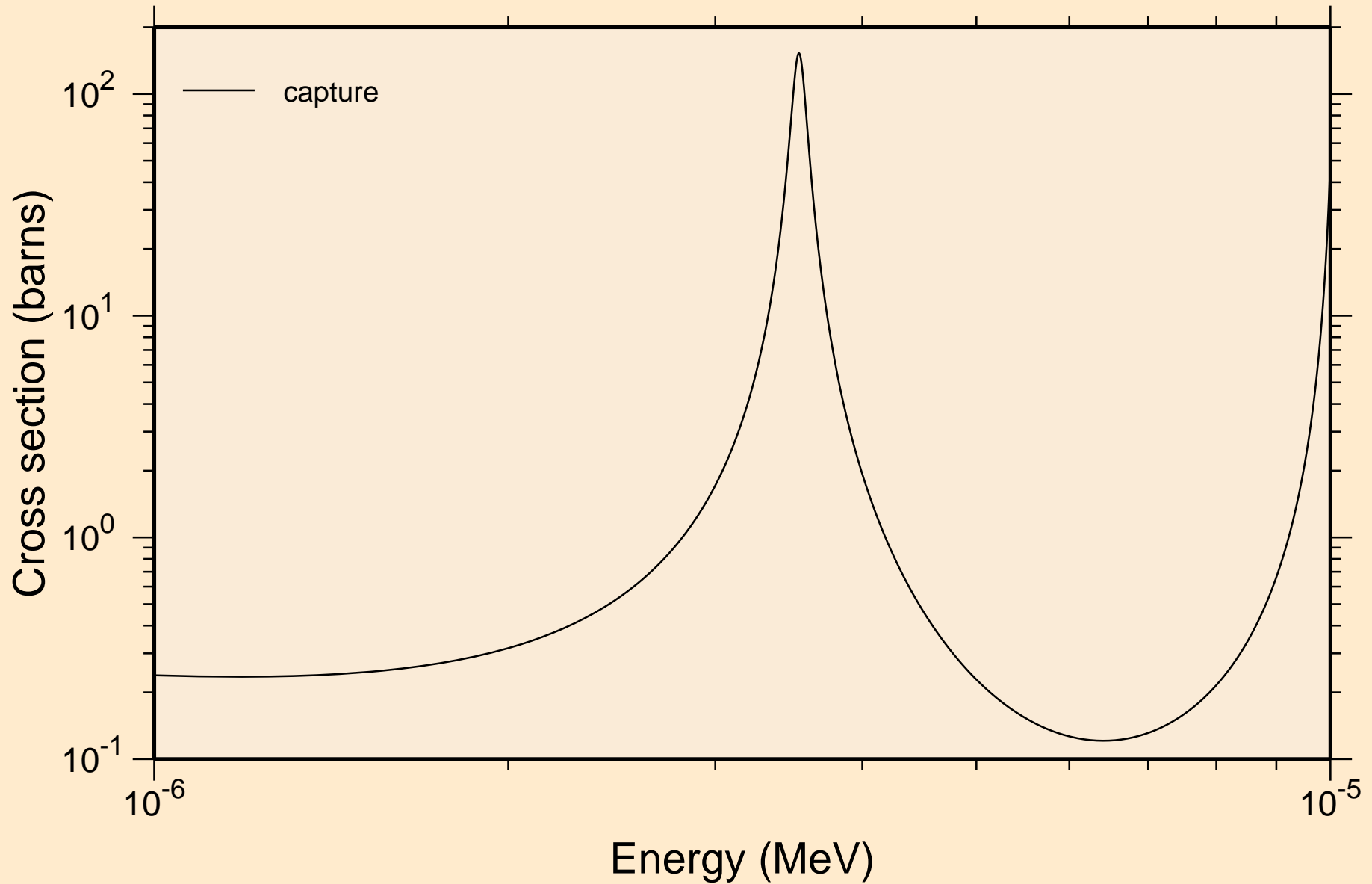
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



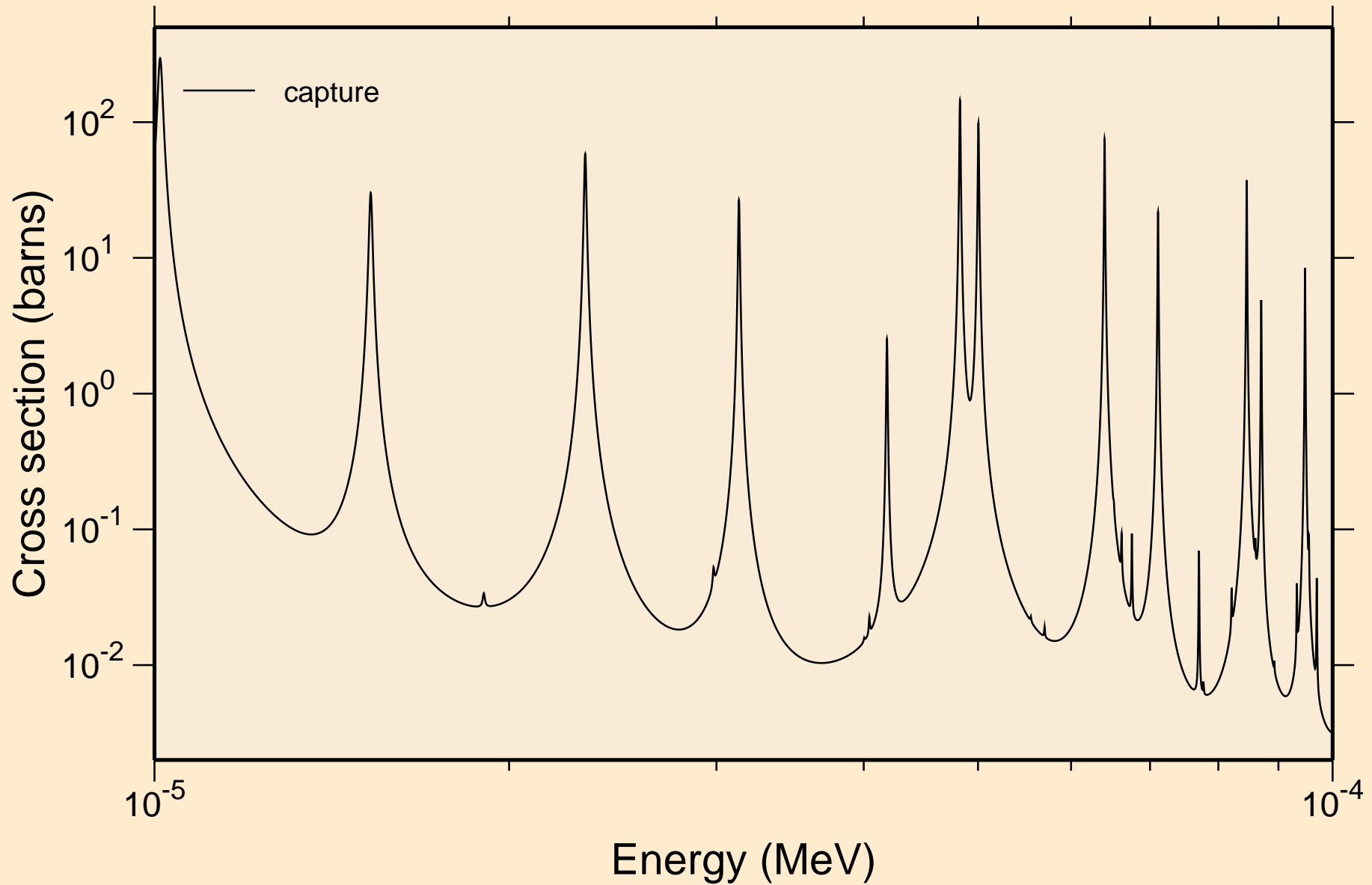
S $\bar{B}$ 124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



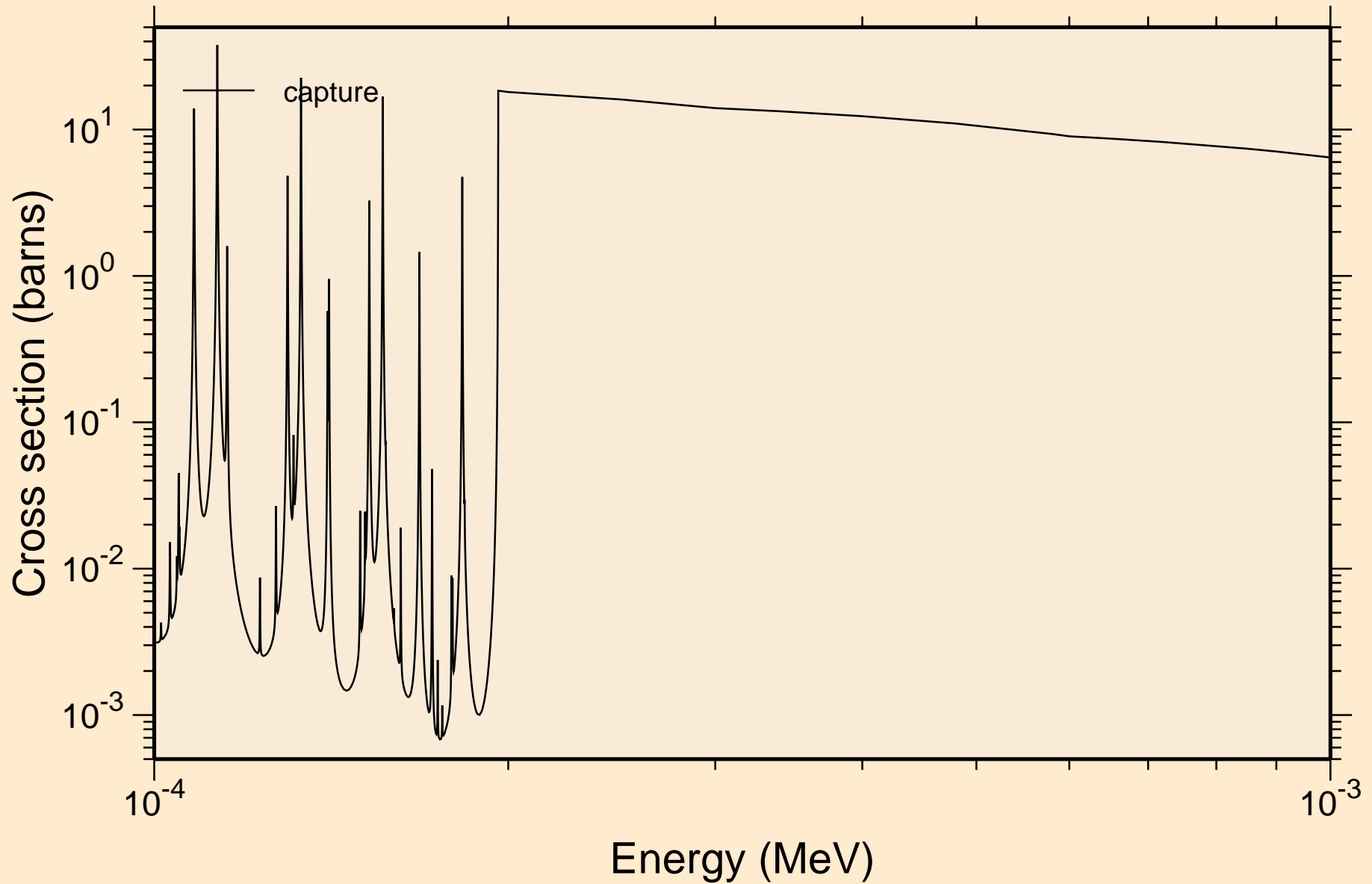
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

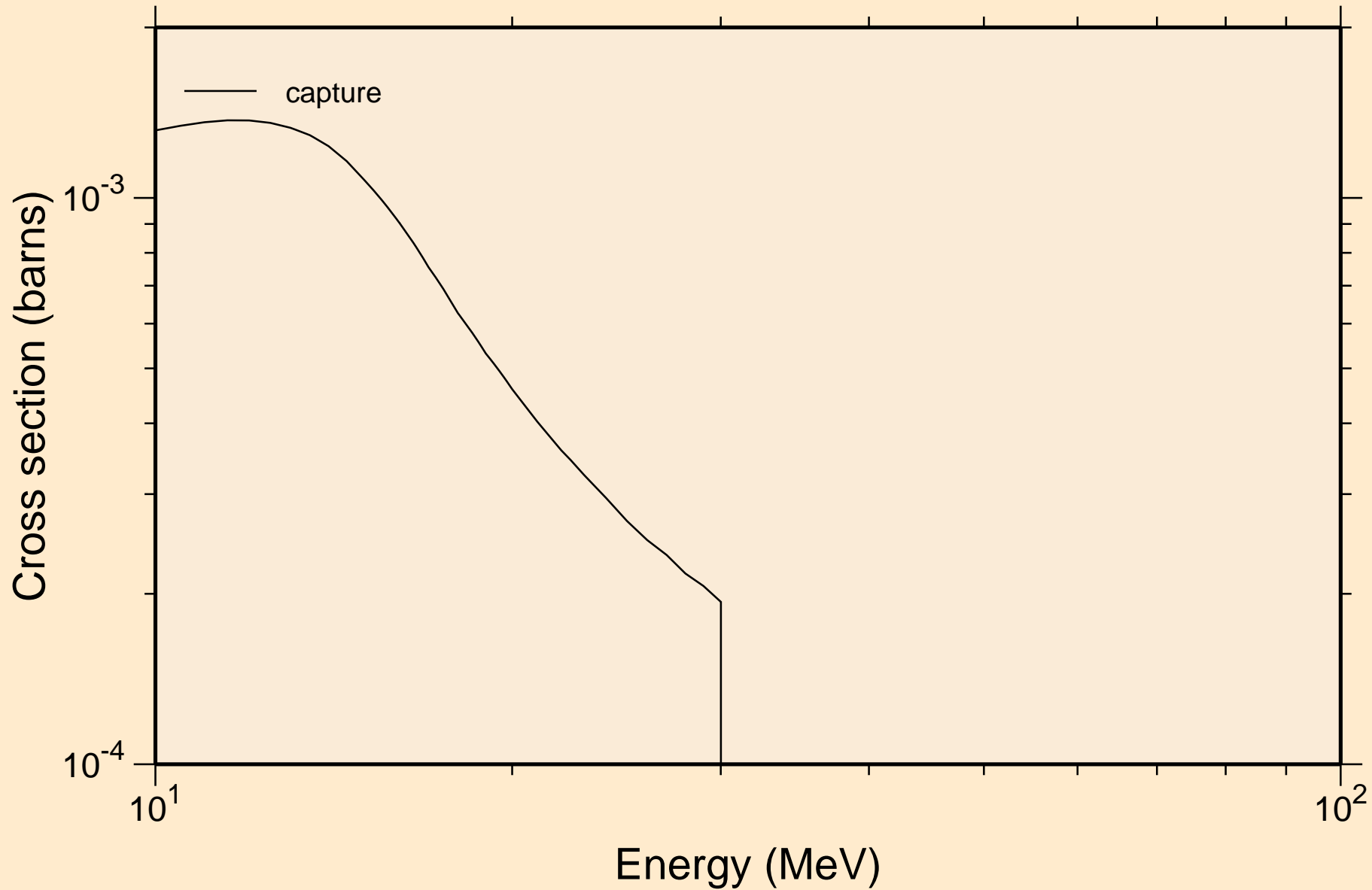


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

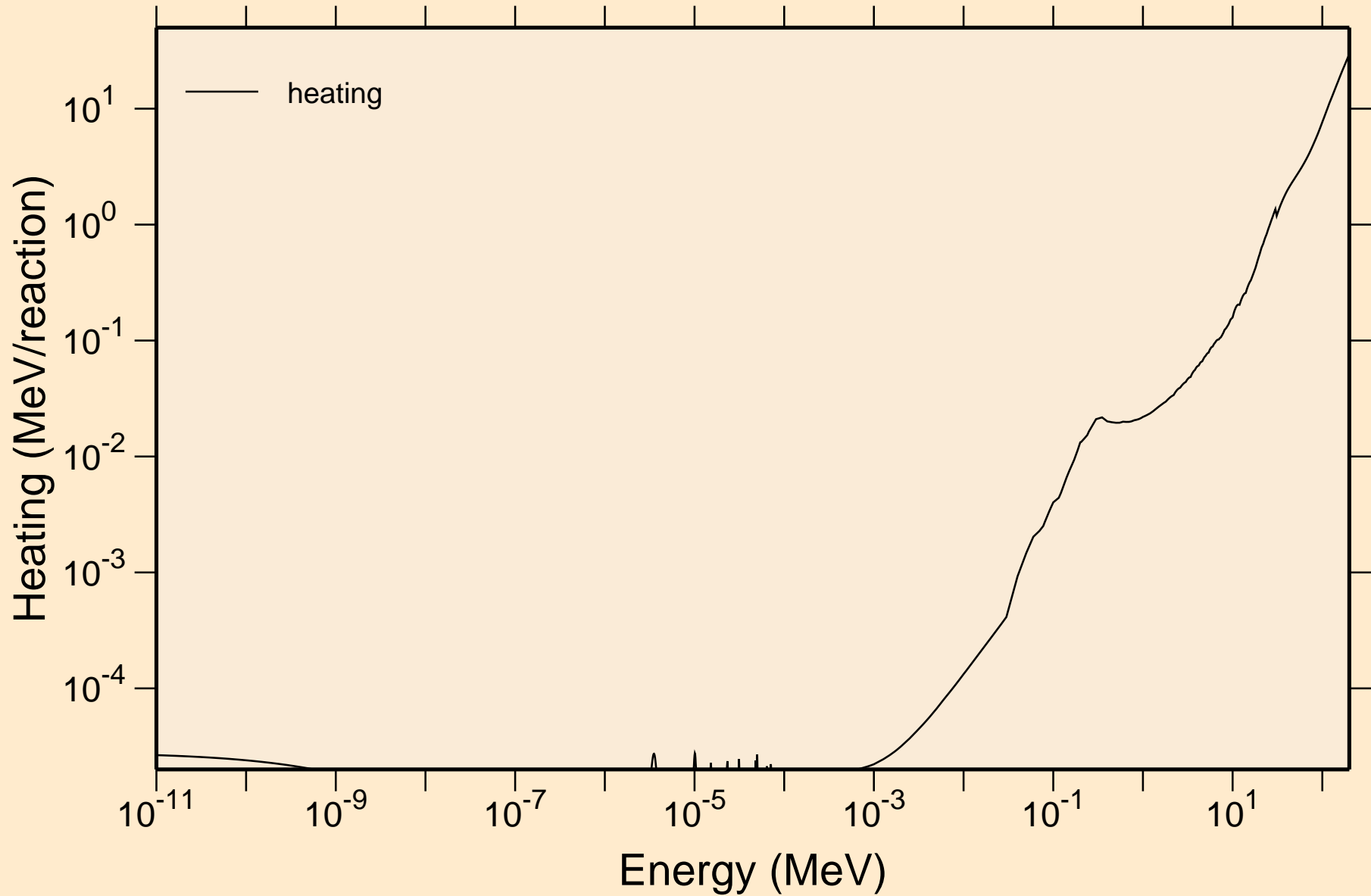




SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

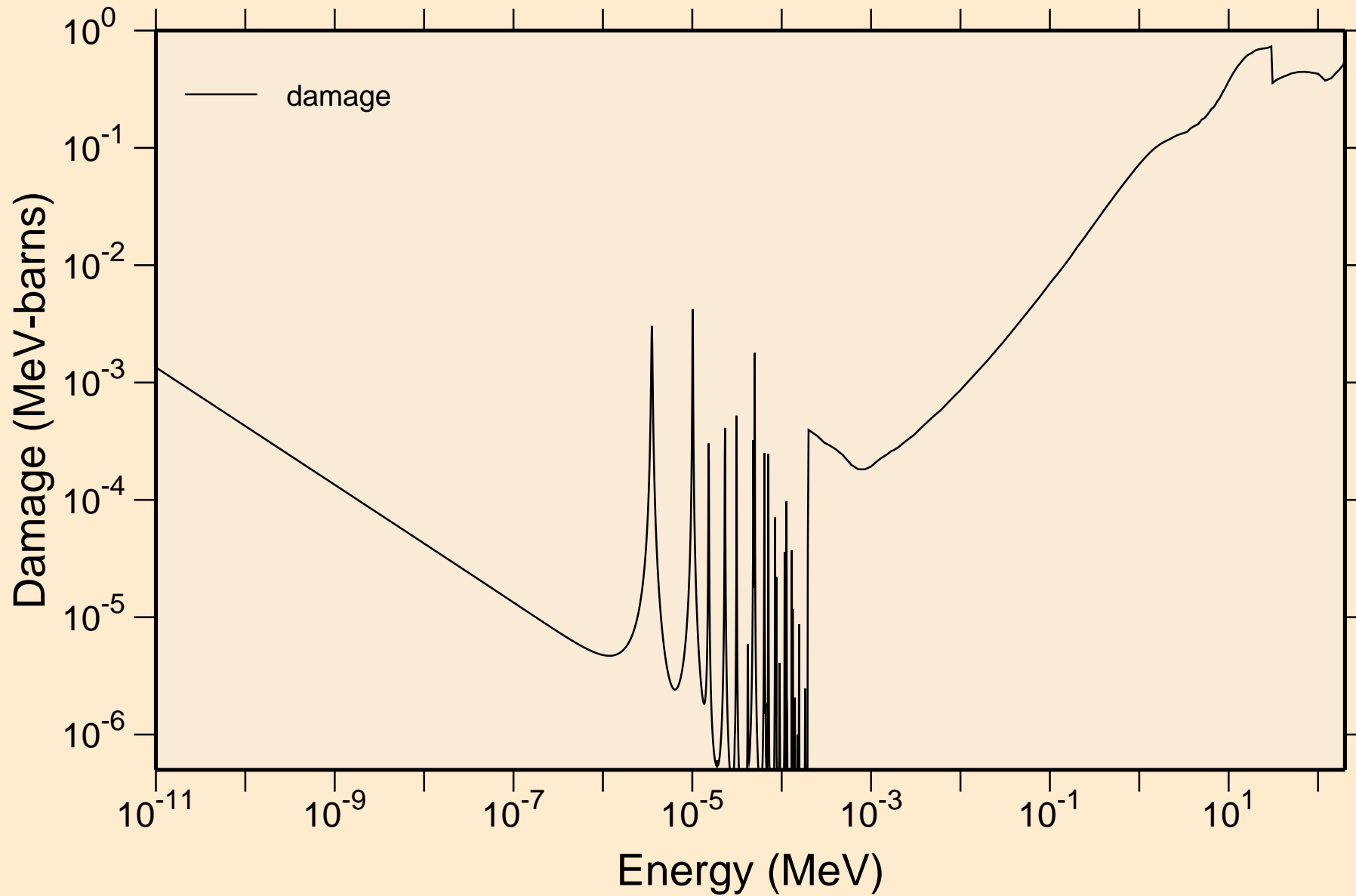


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



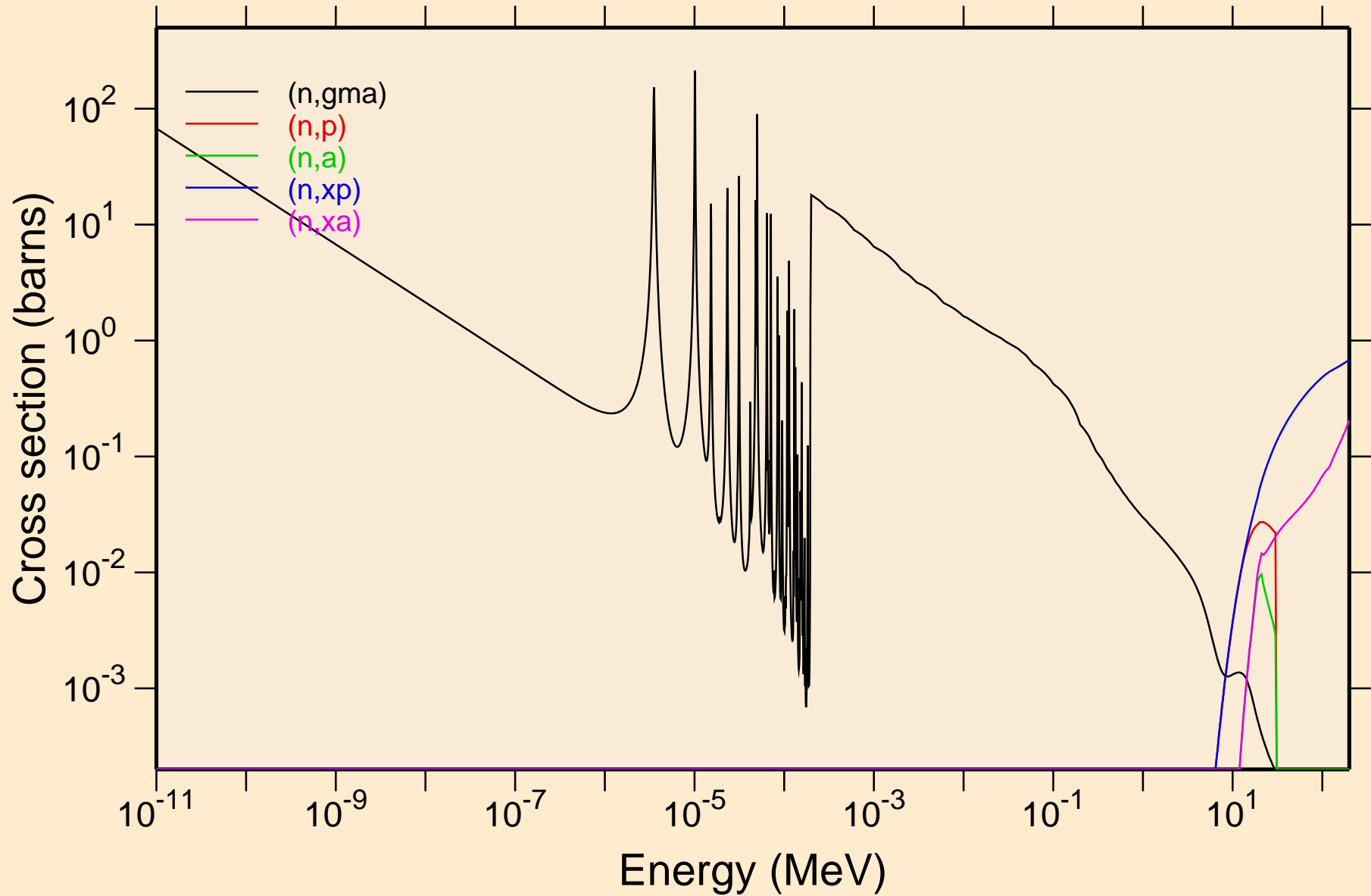
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## Damage



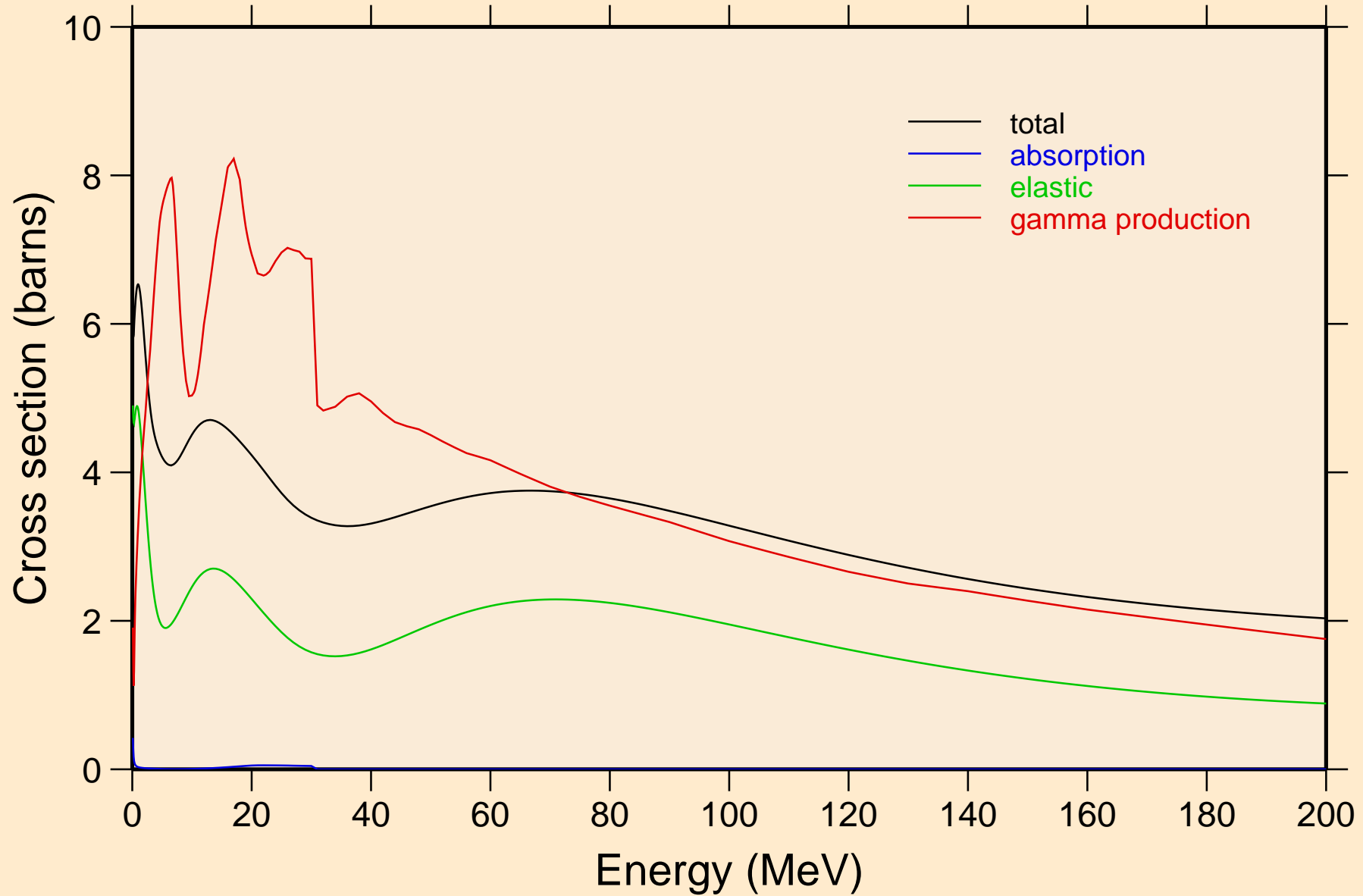
# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



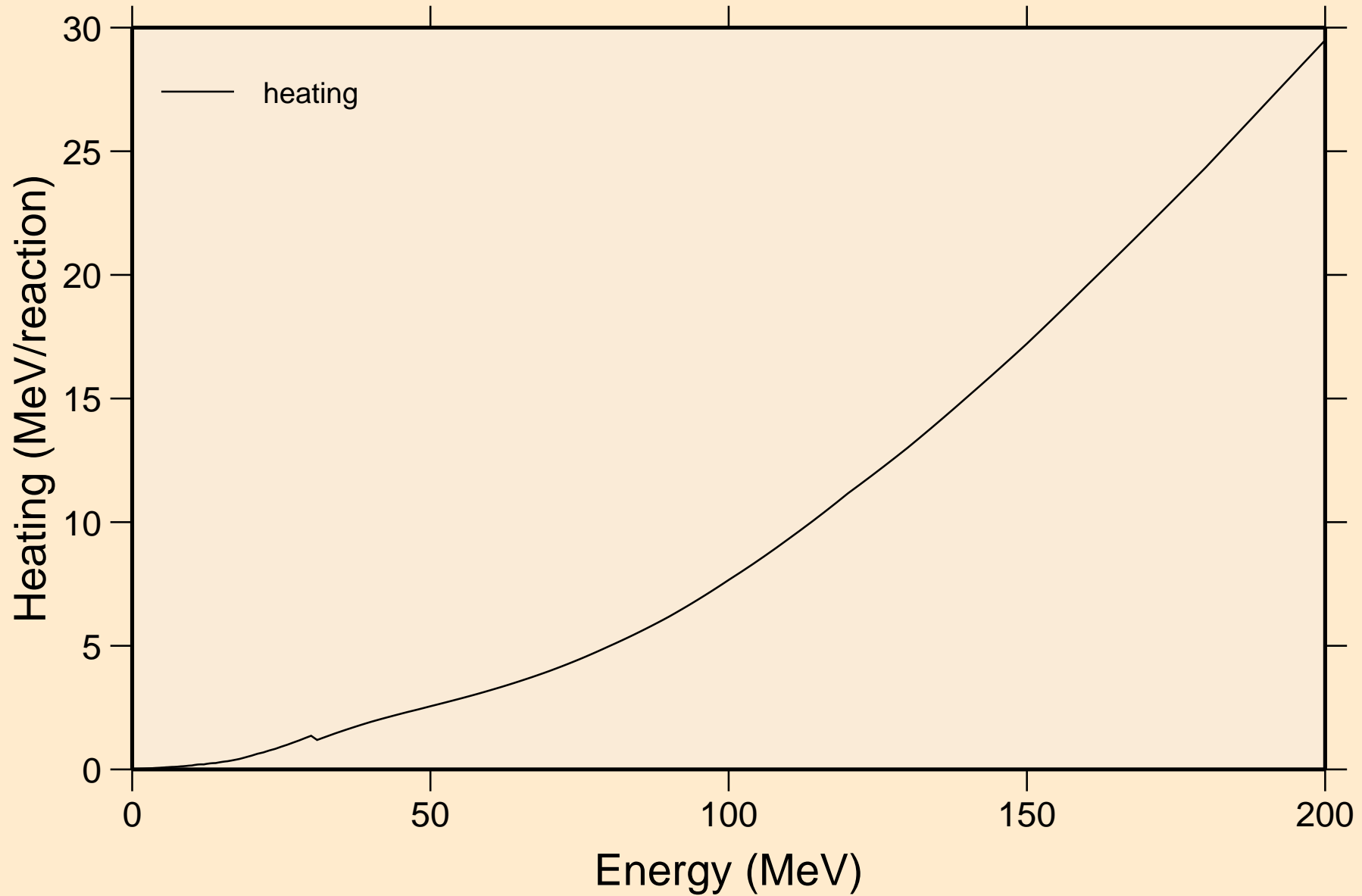
# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



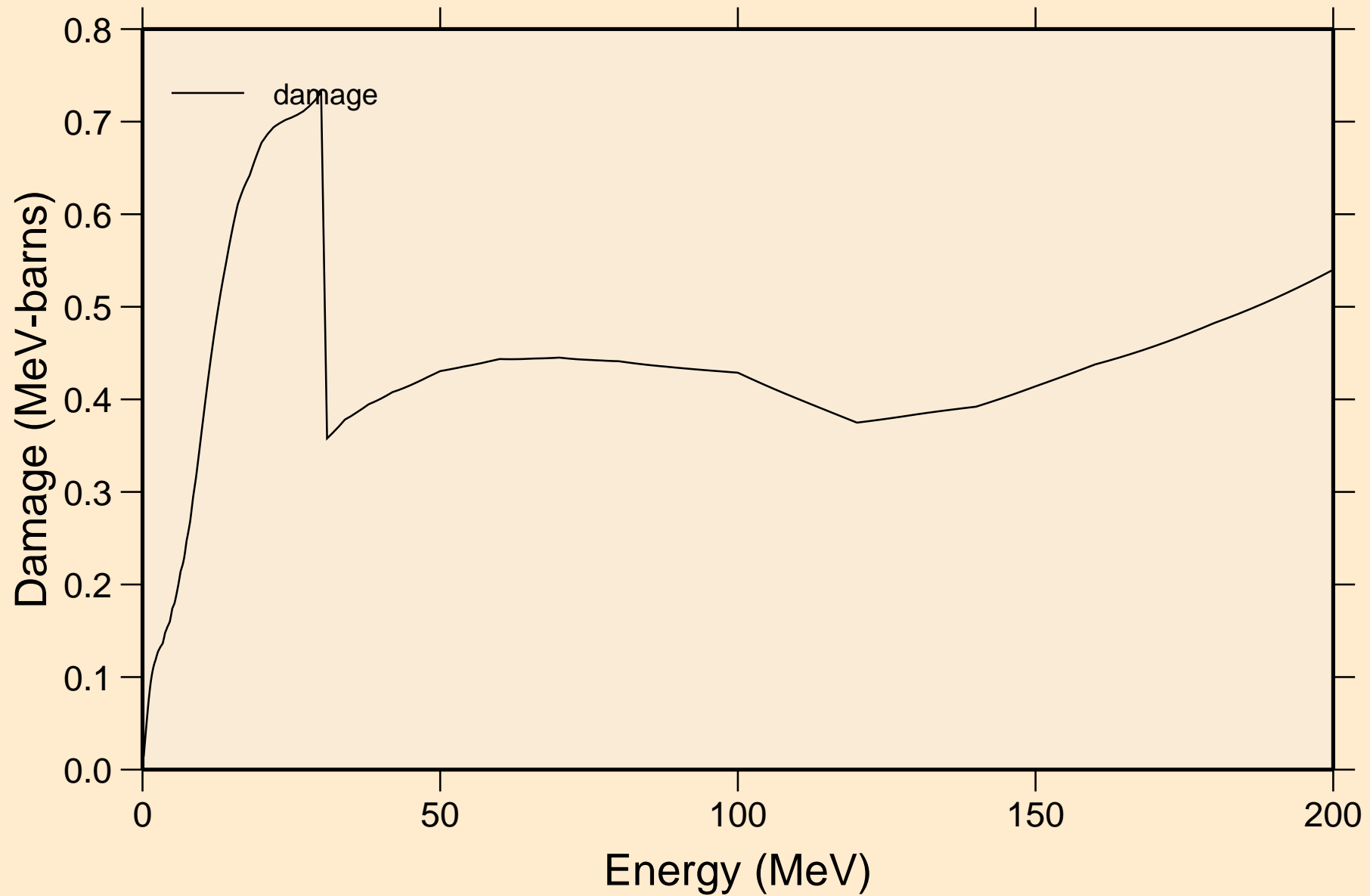
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## Heating

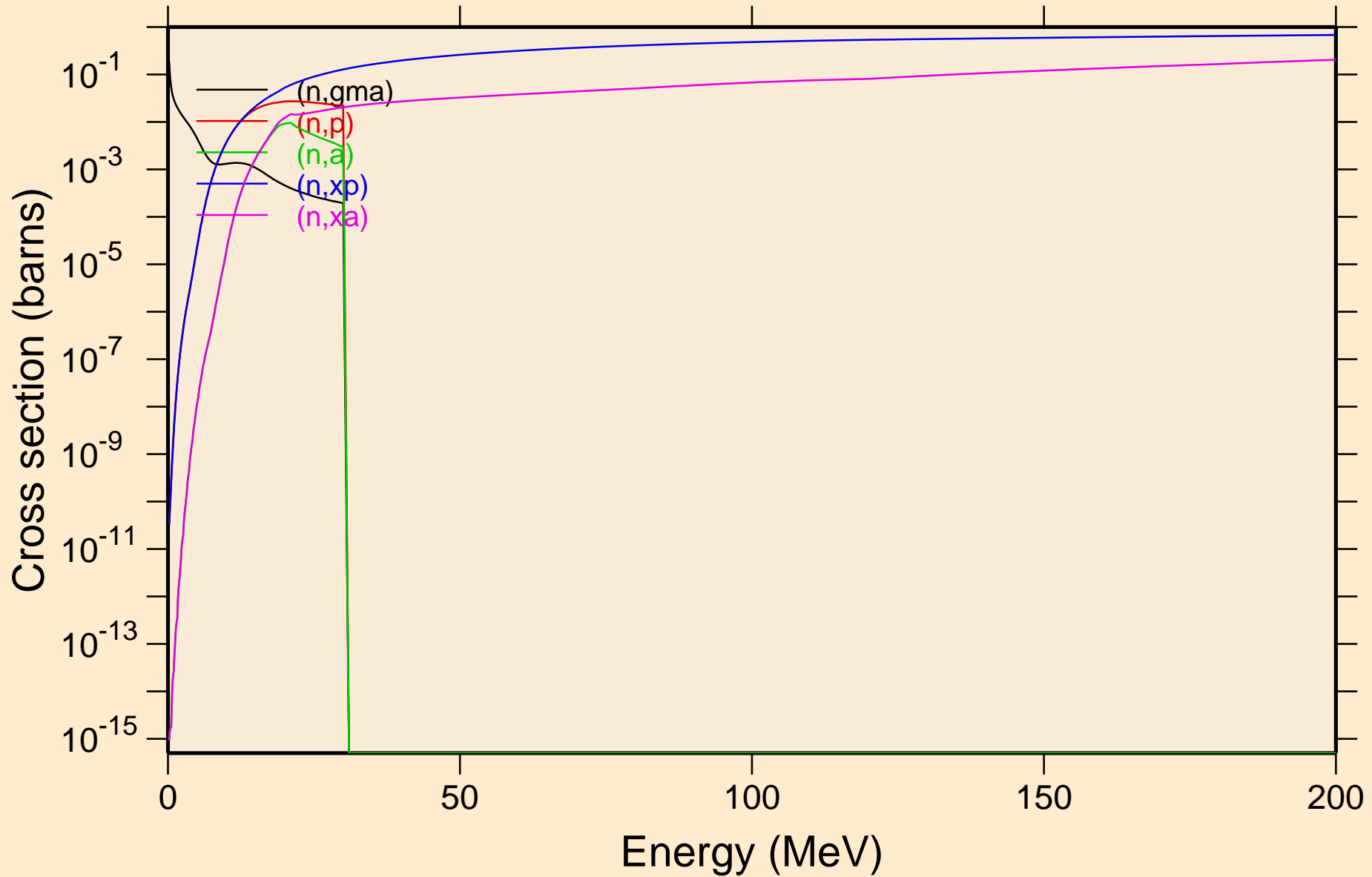


# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

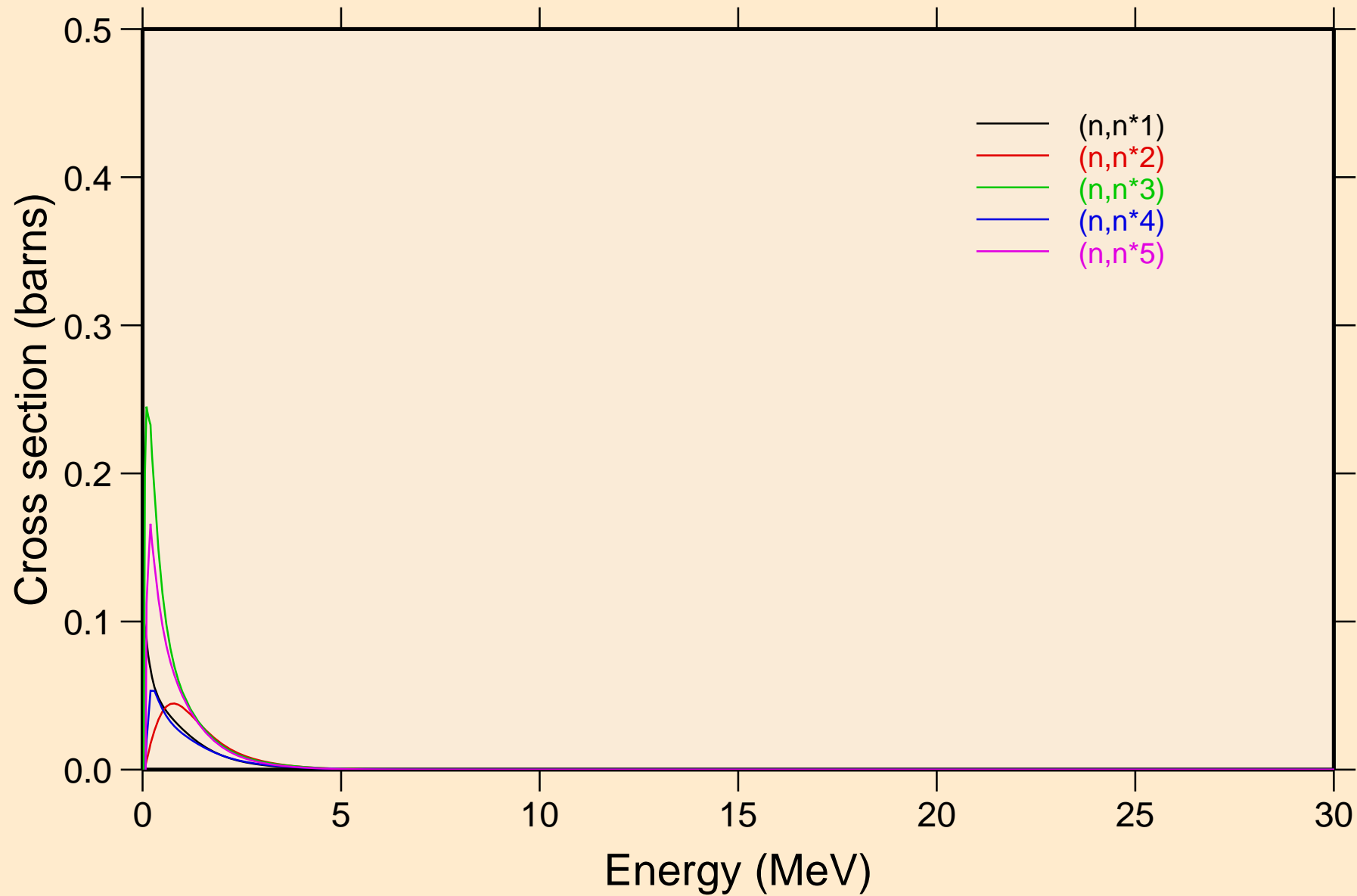


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

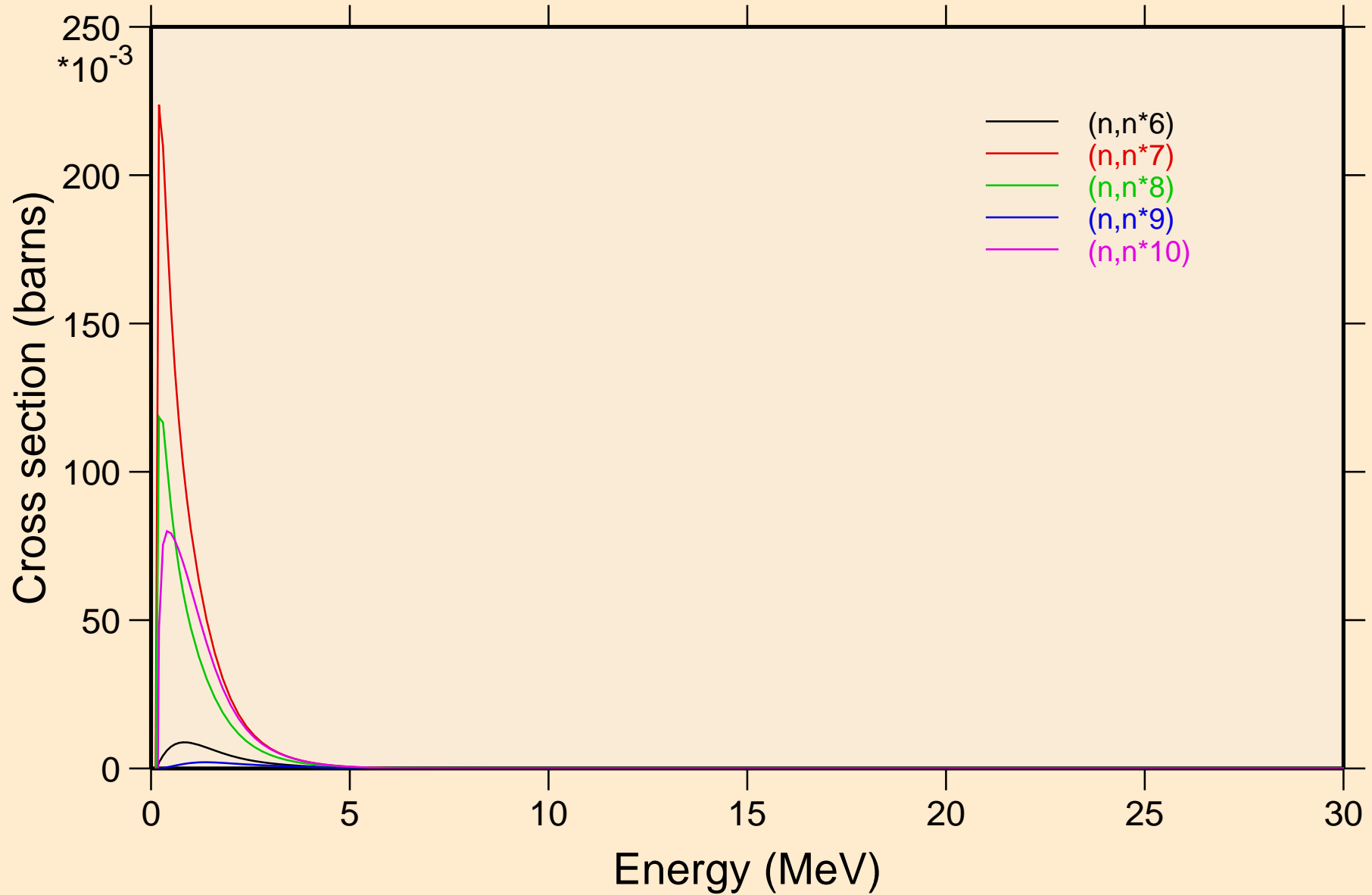




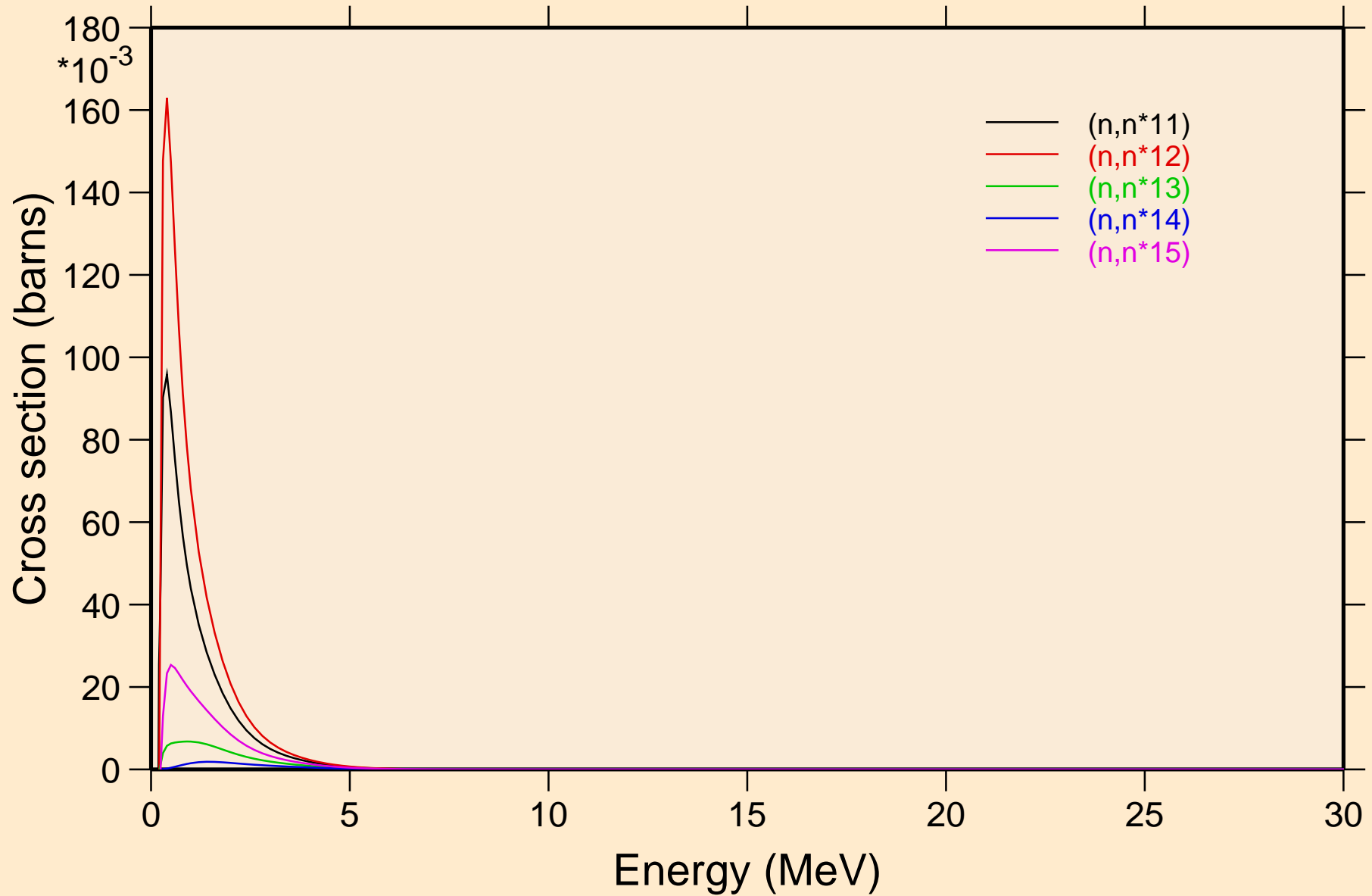
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

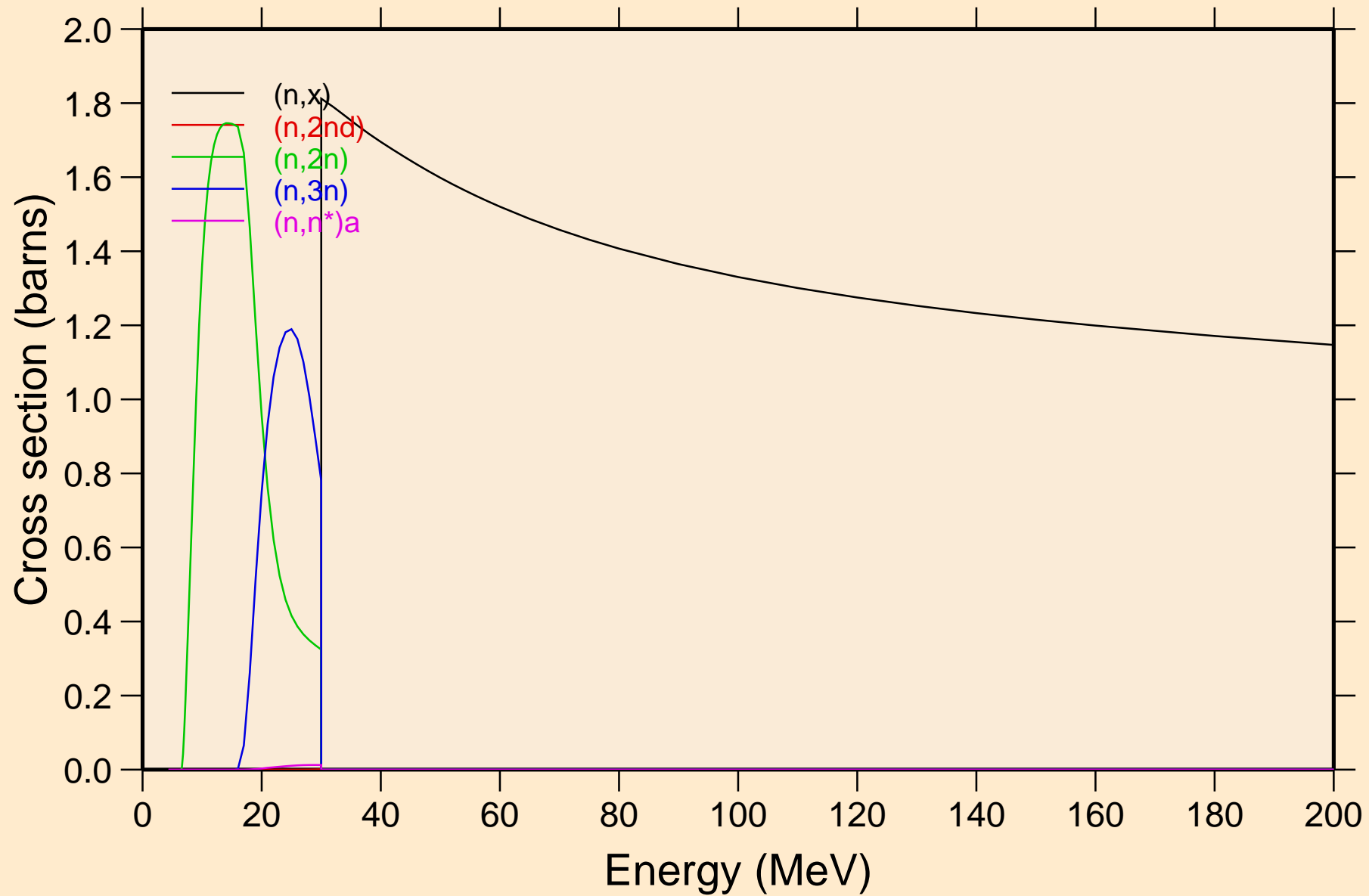


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



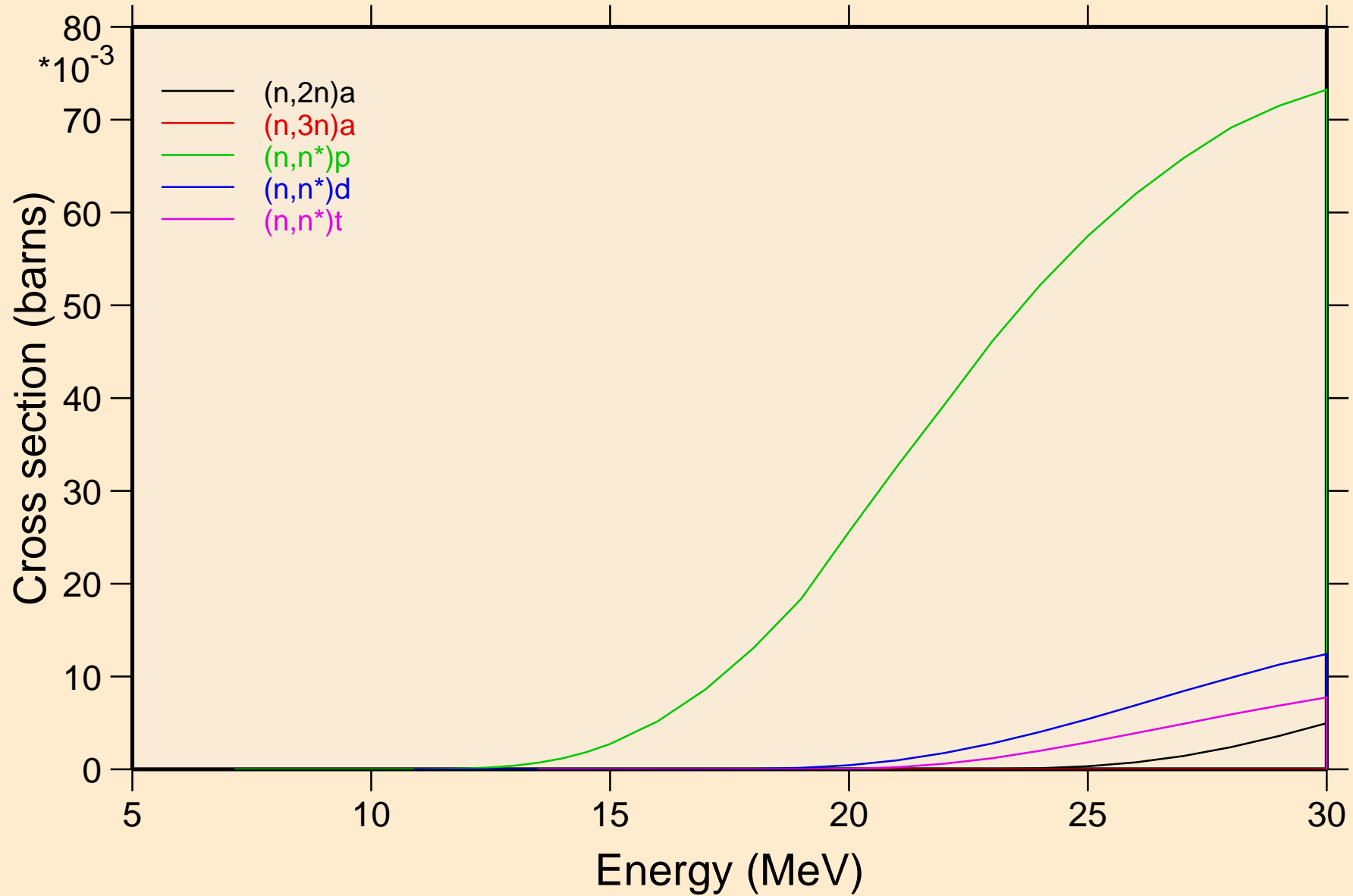
# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

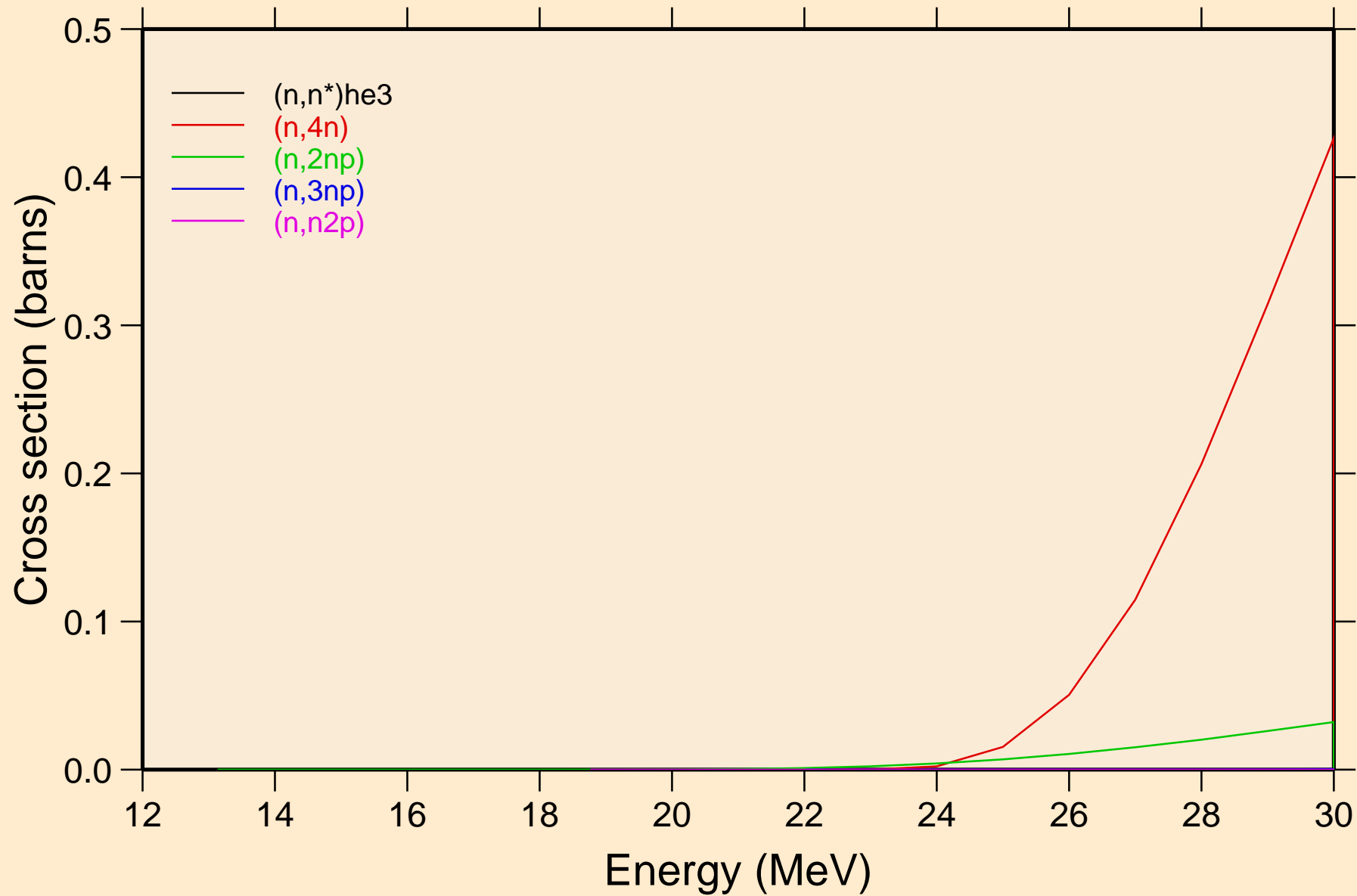


# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

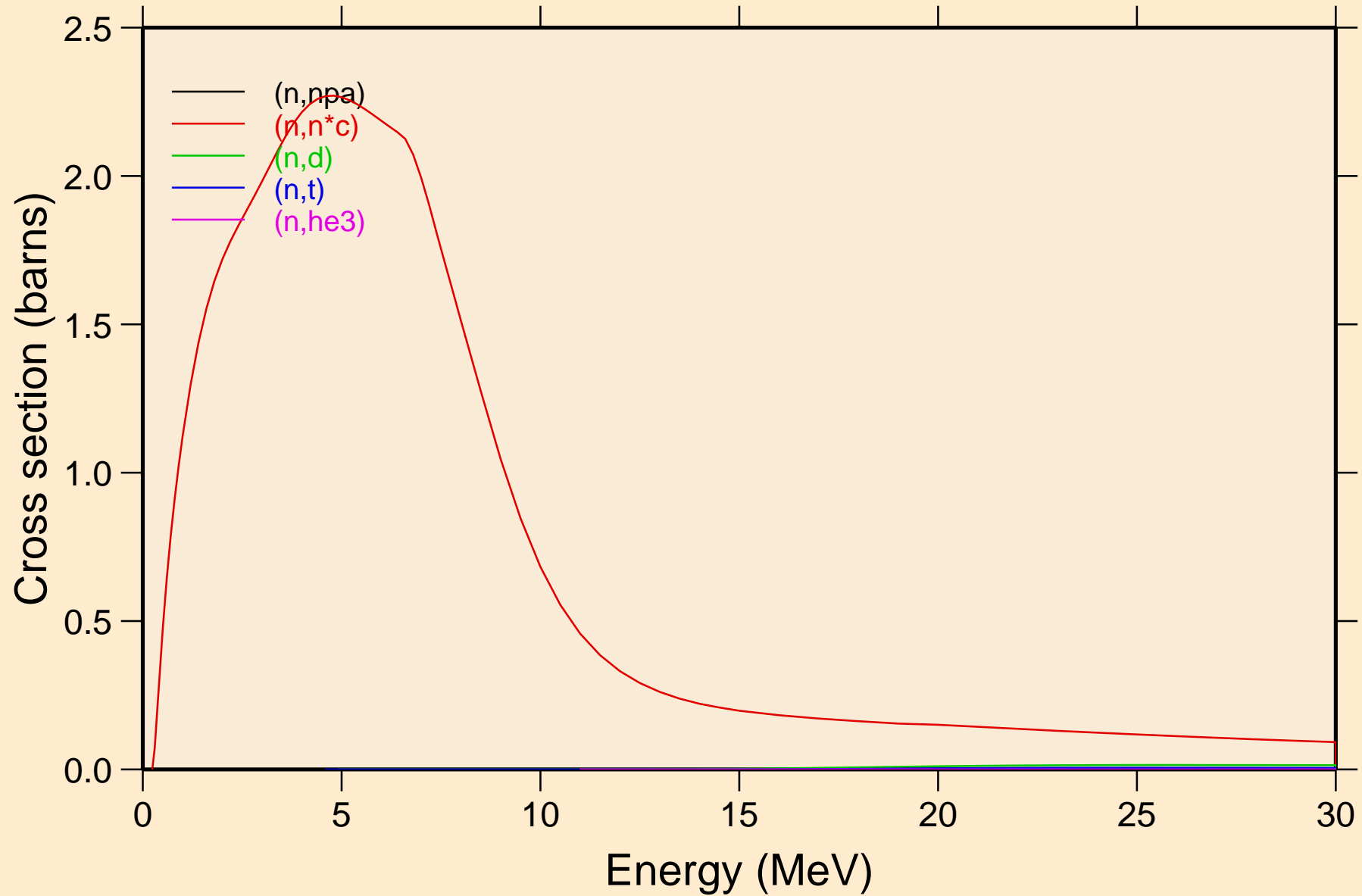


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

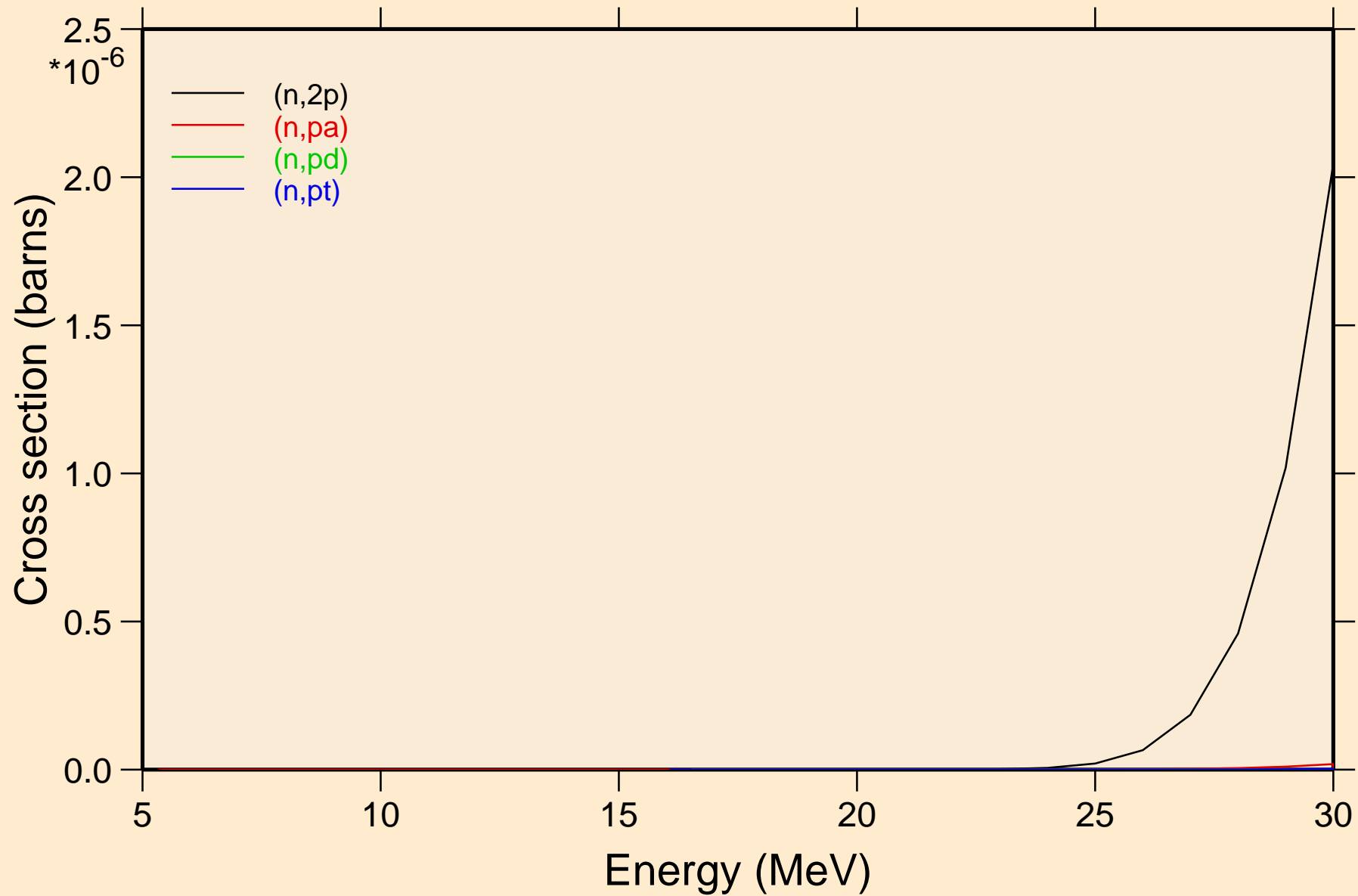


# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



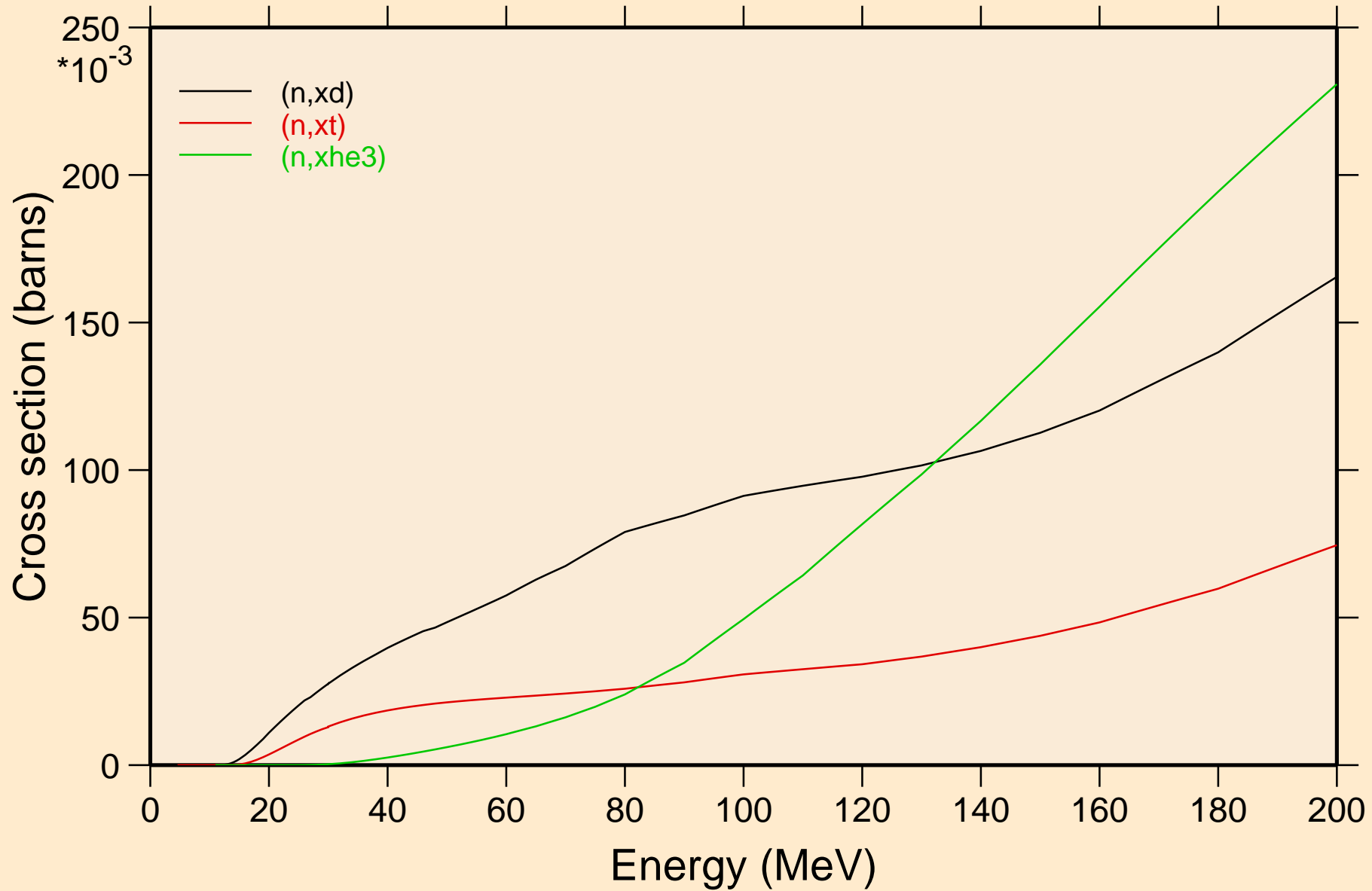
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



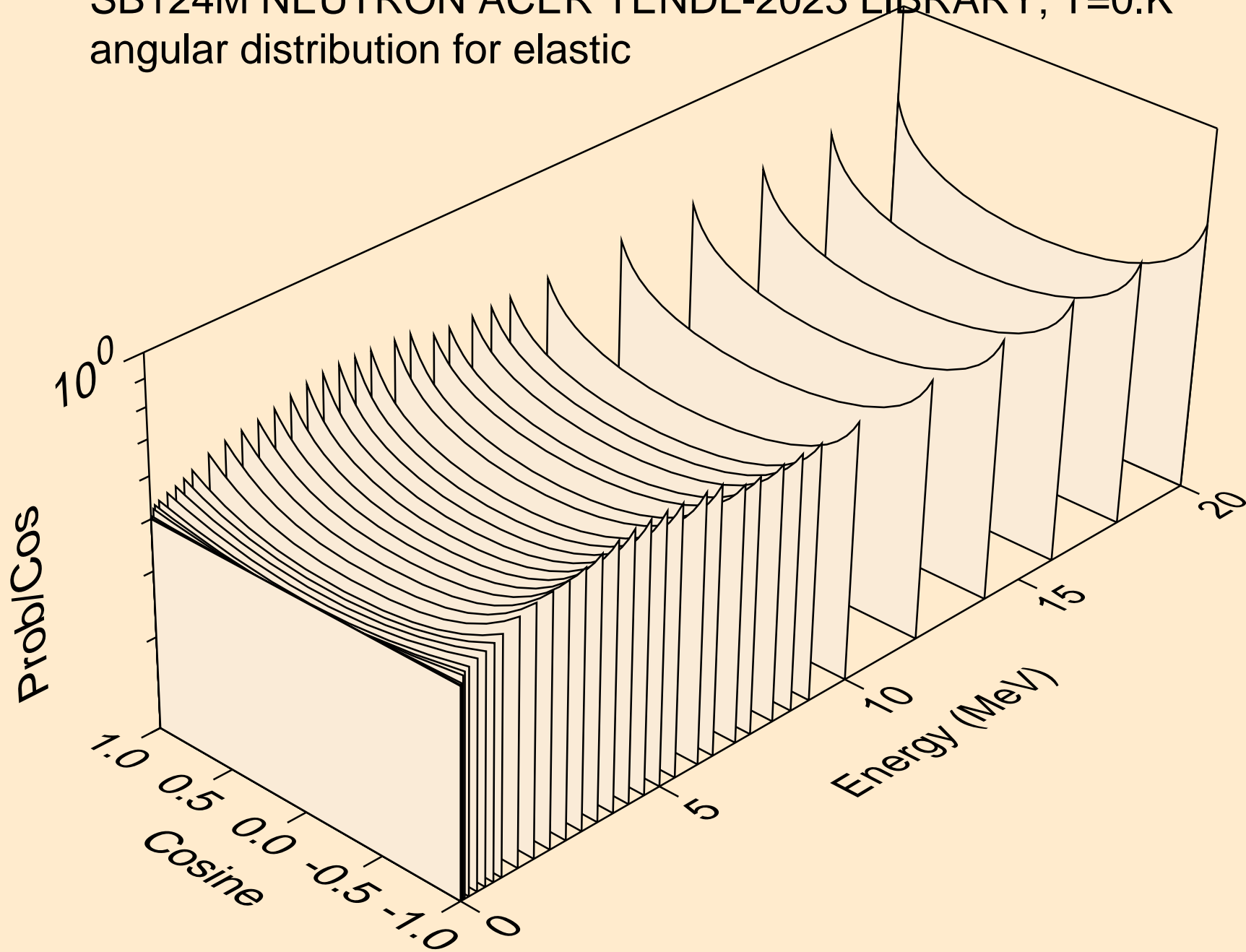


# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

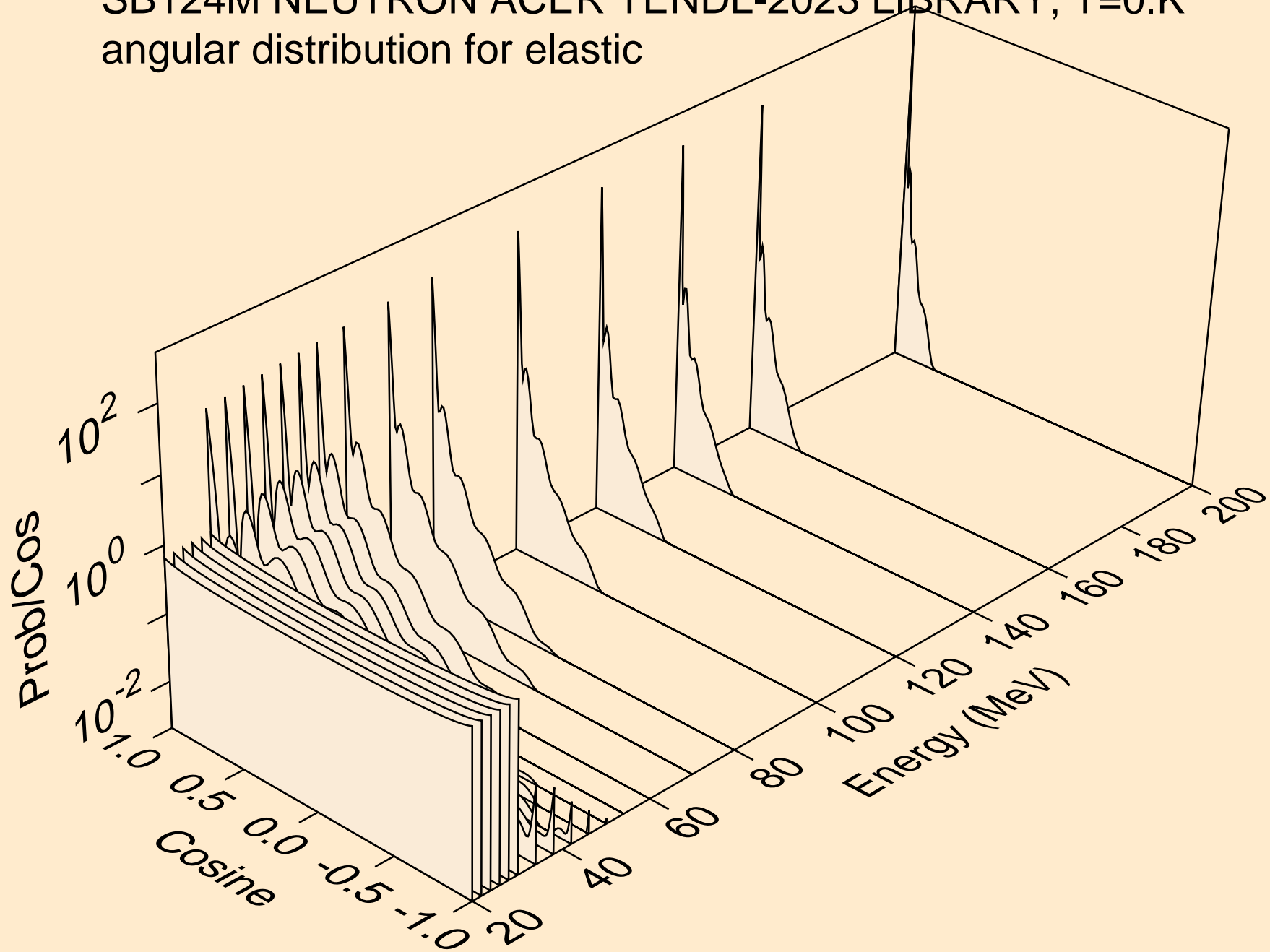
## Threshold reactions



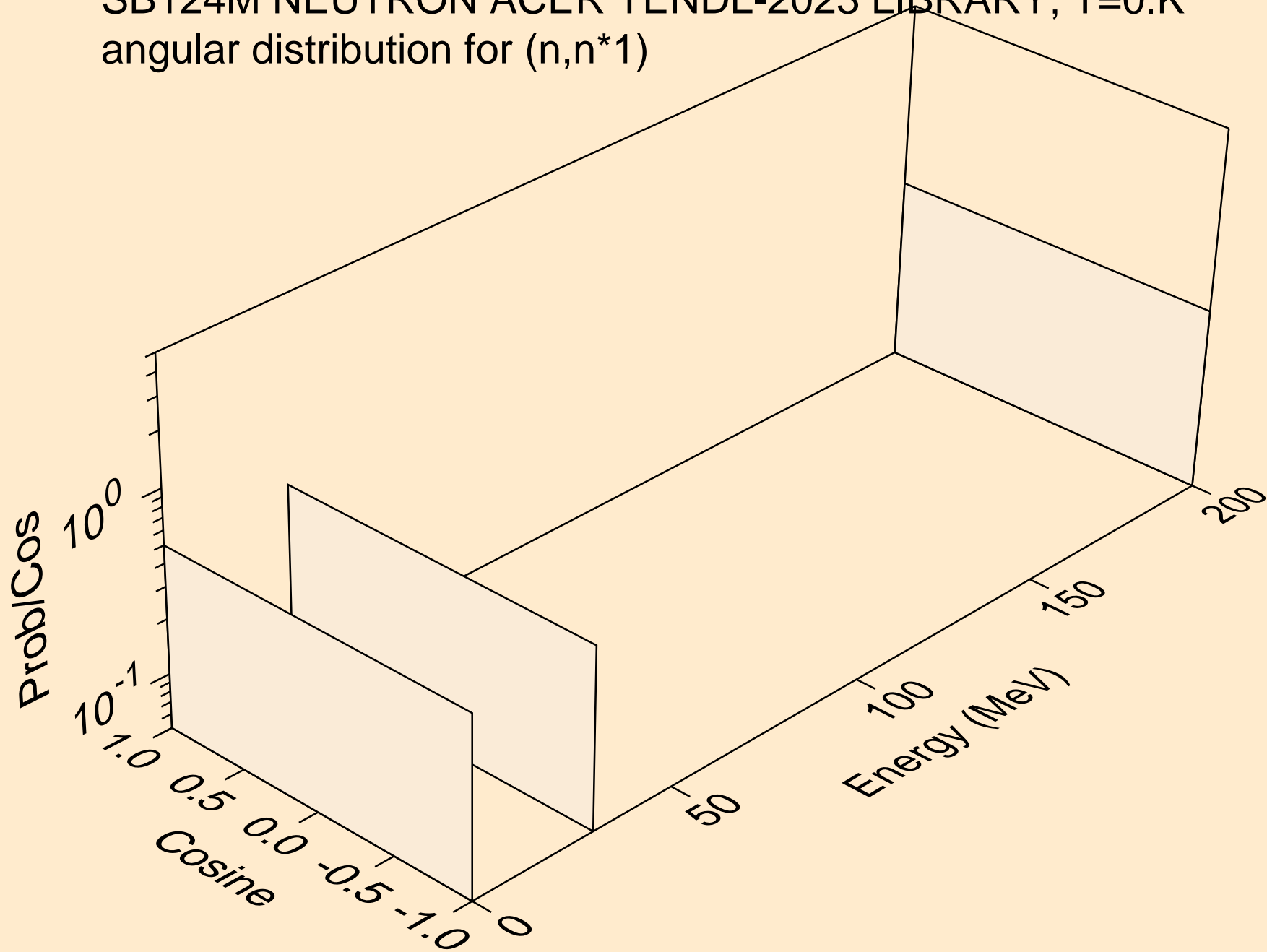
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



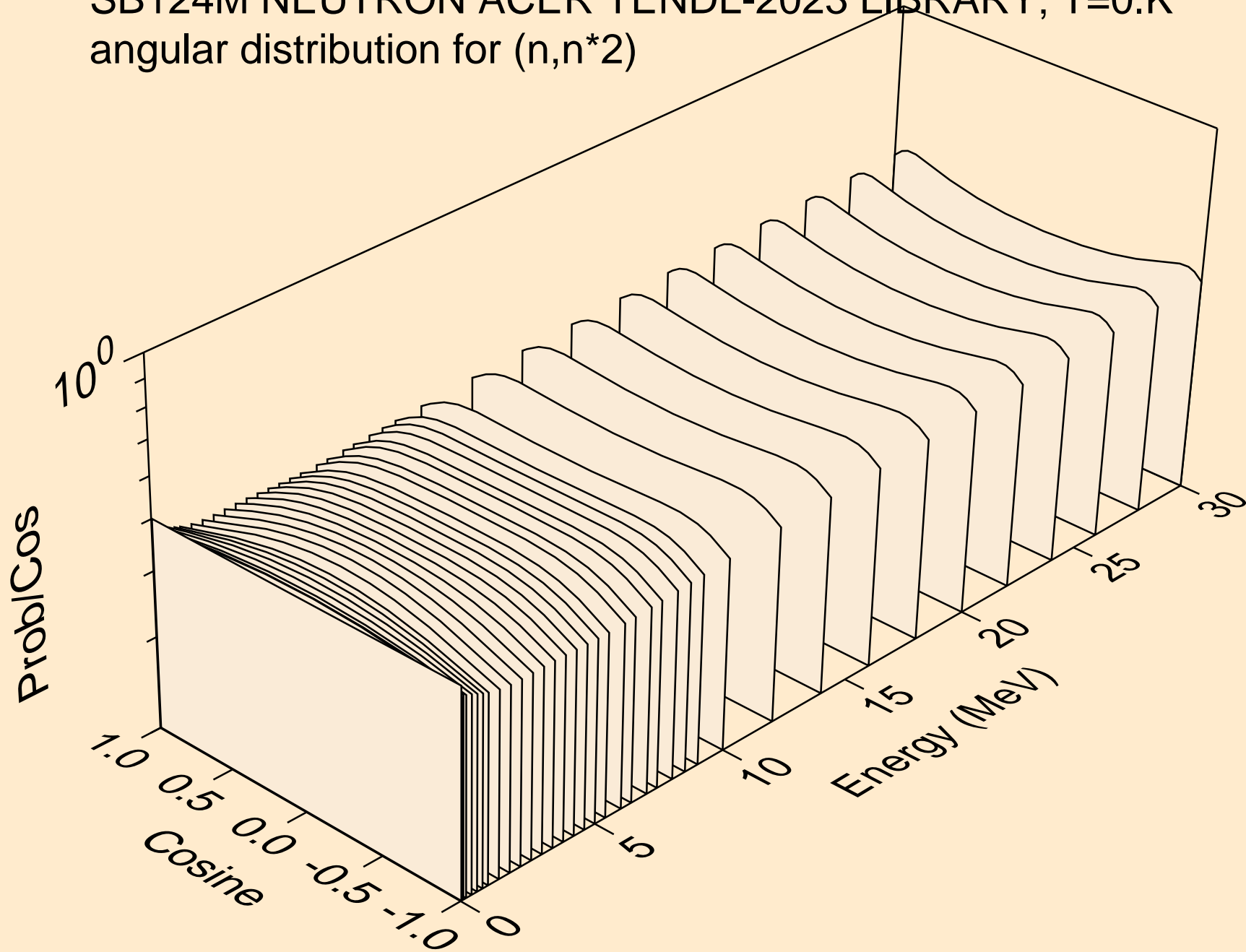
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



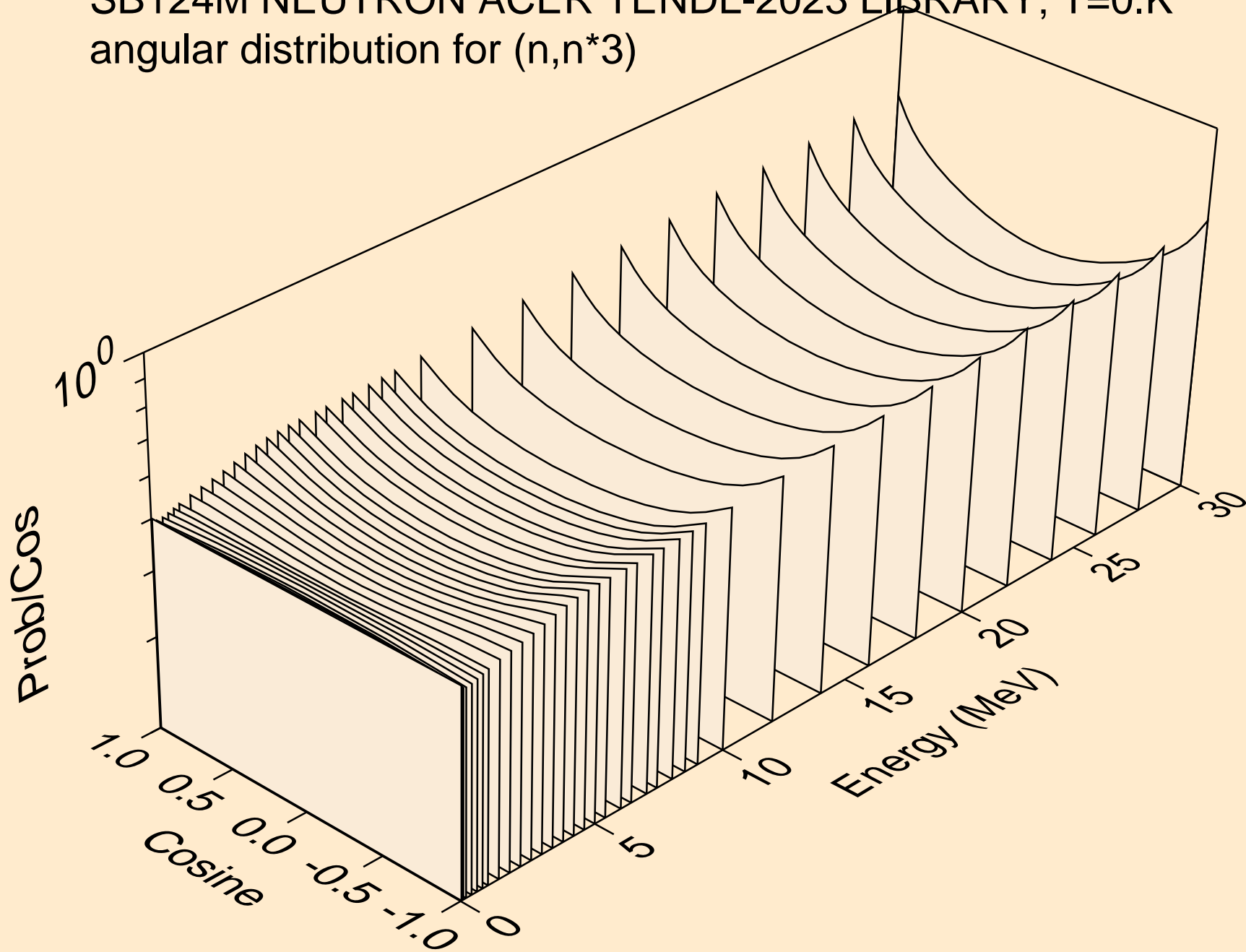
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



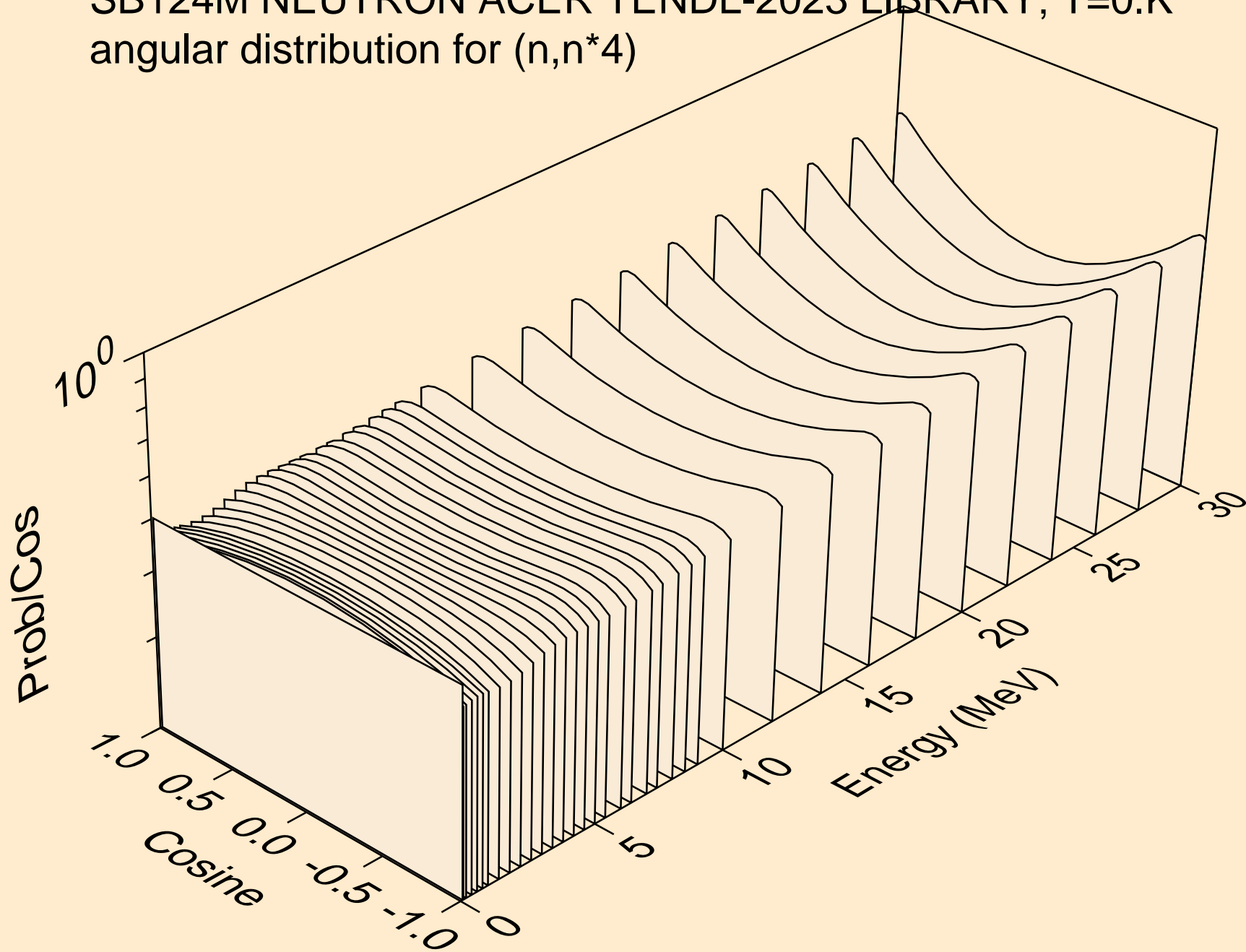
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angular distribution for (n,n\*2)



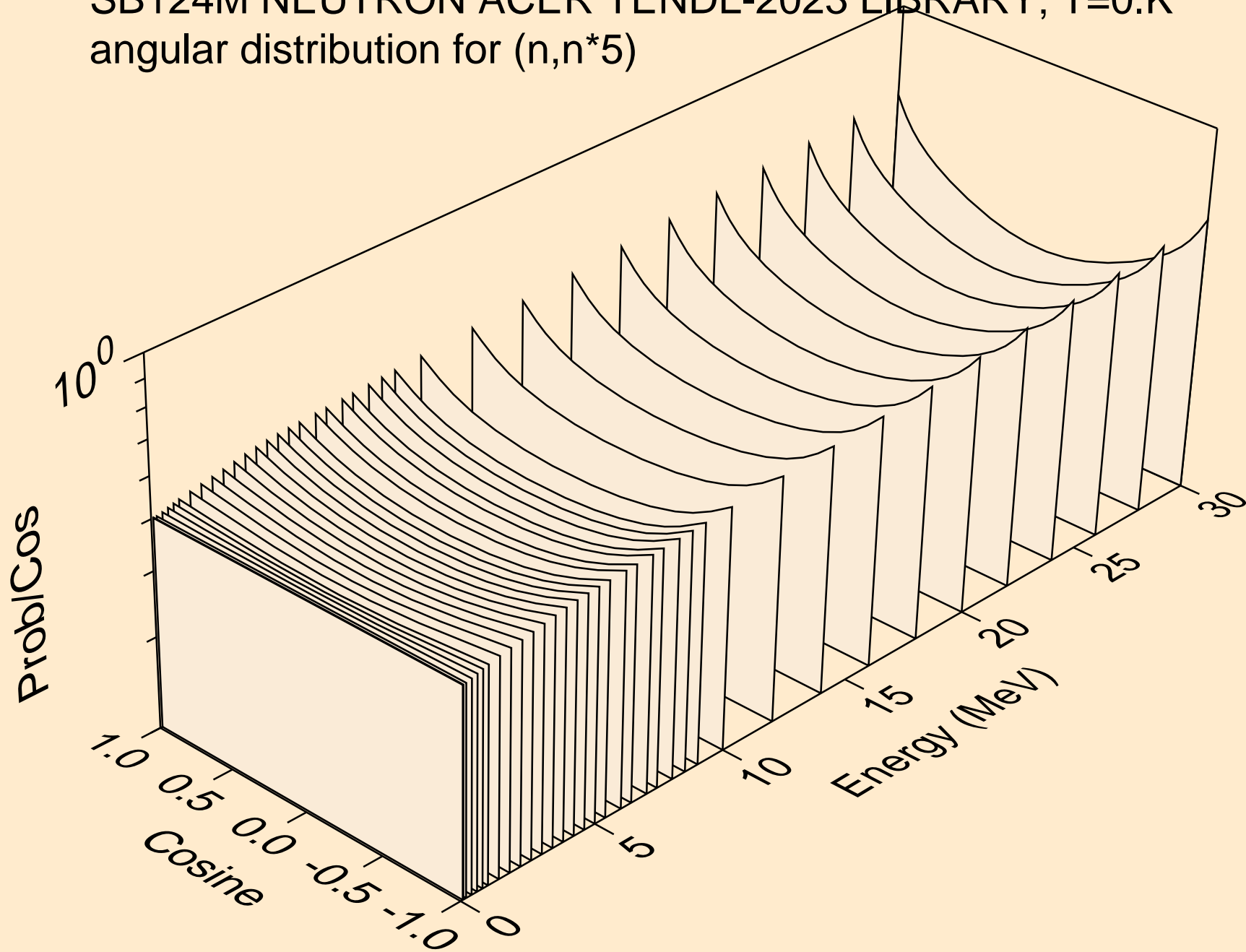
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

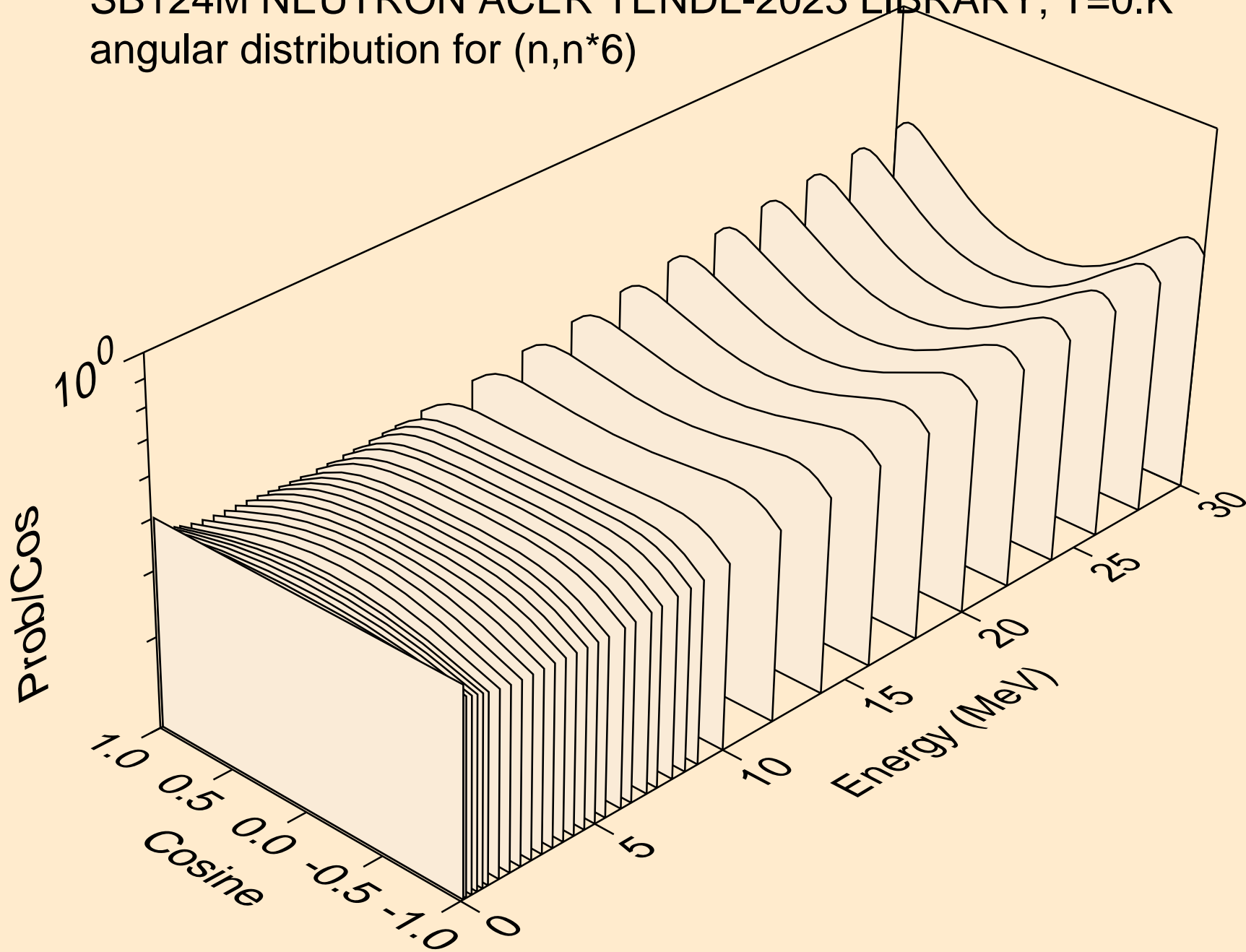


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

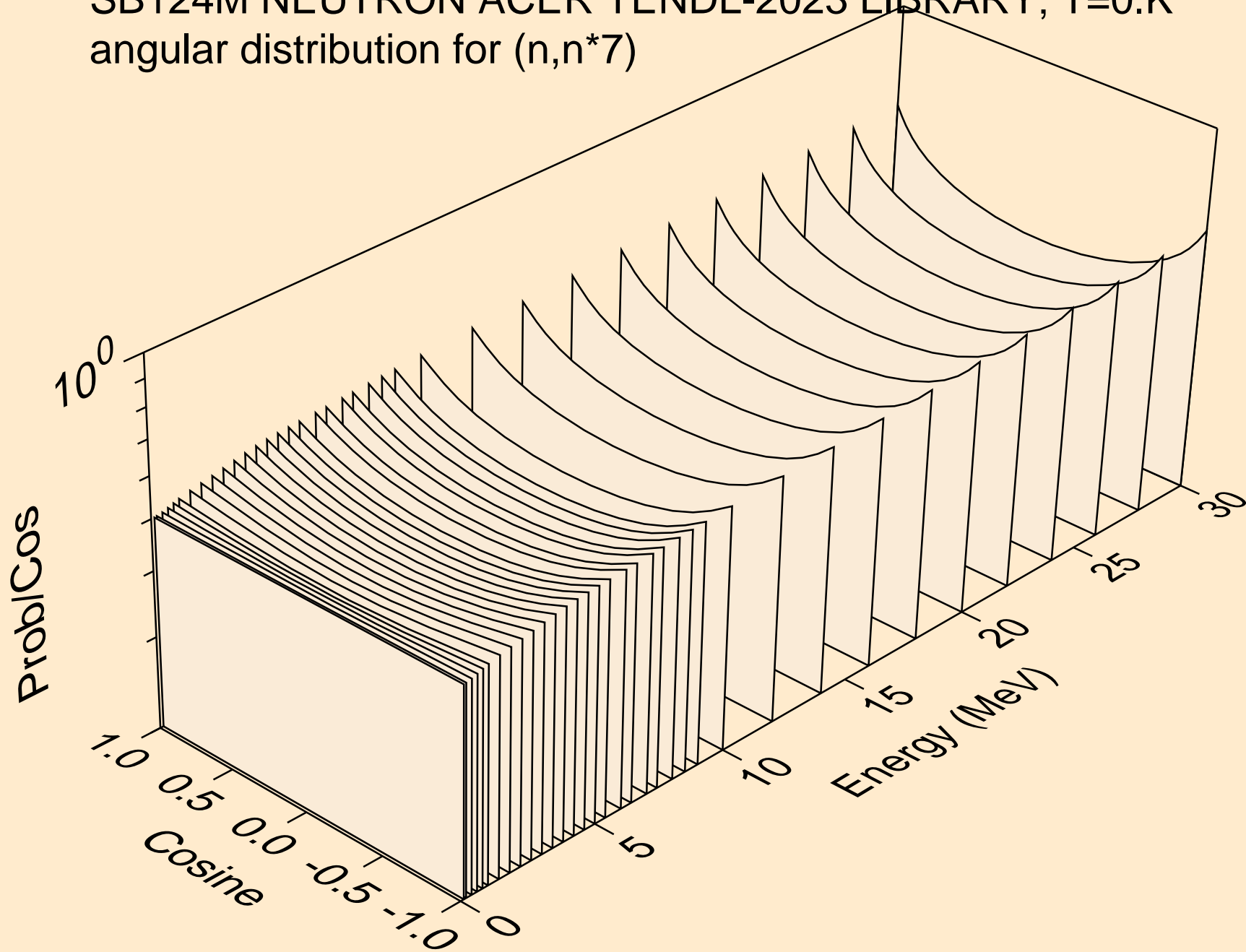




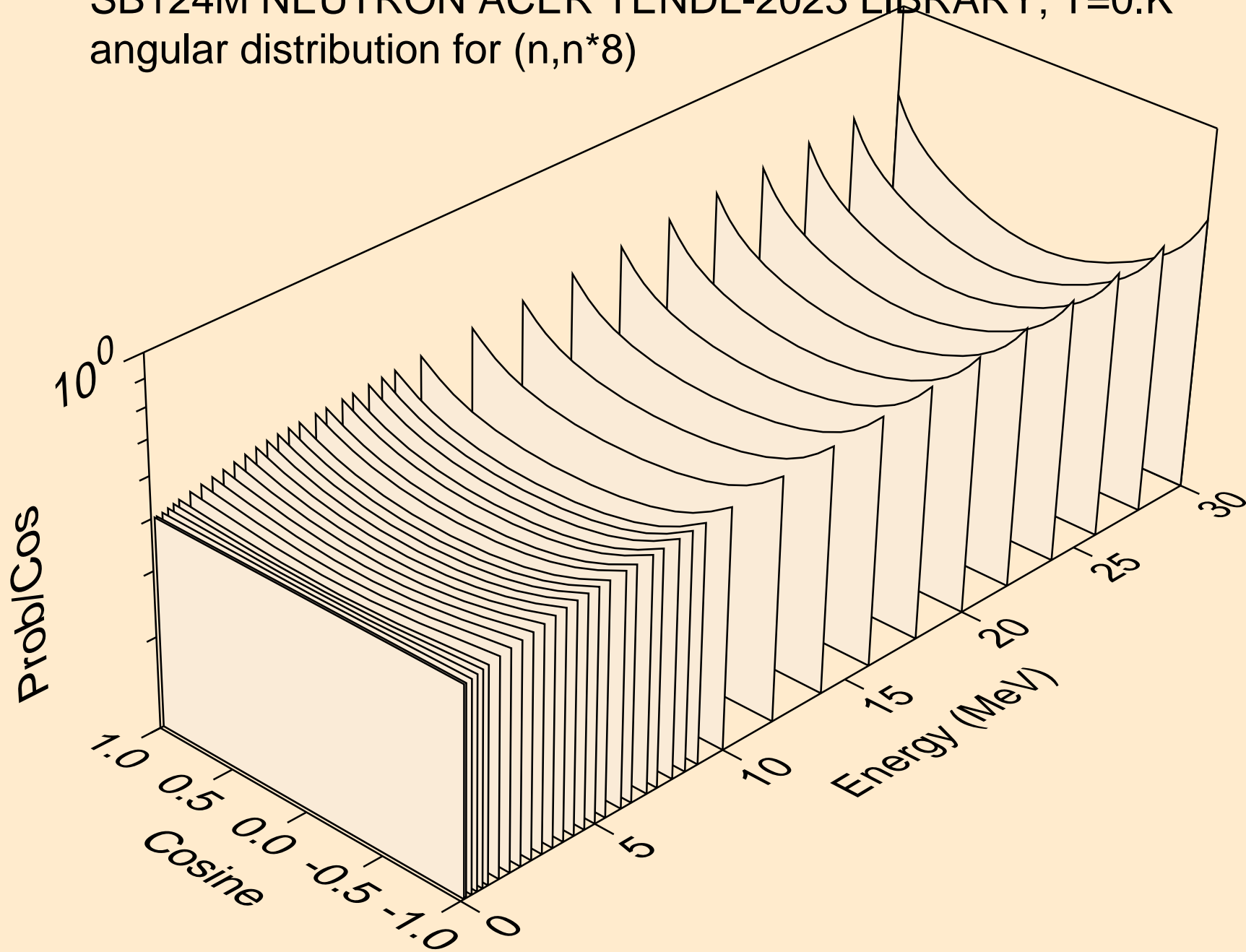
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angular distribution for (n,n\*6)



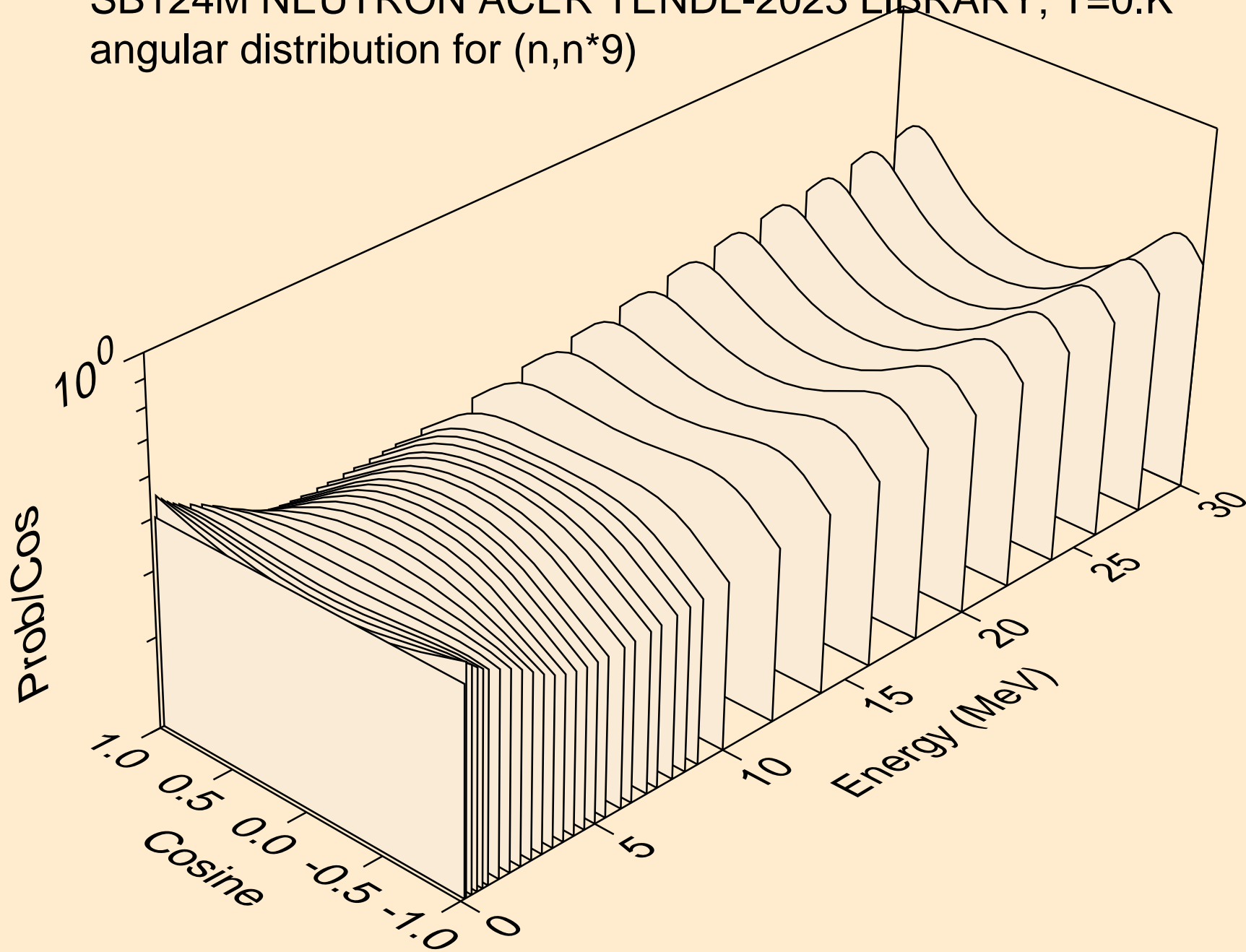
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angular distribution for (n,n\*7)



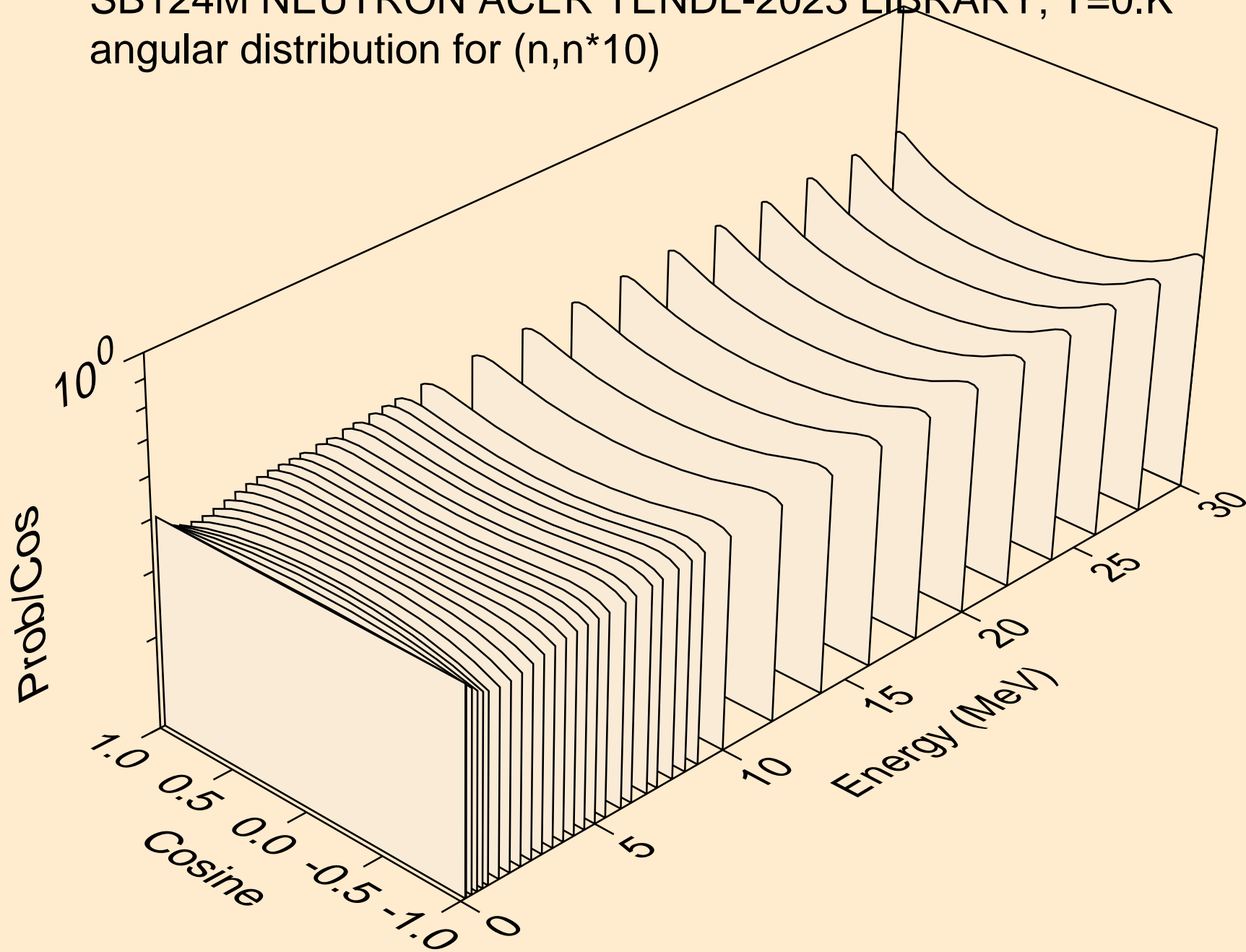
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angular distribution for (n,n\*8)



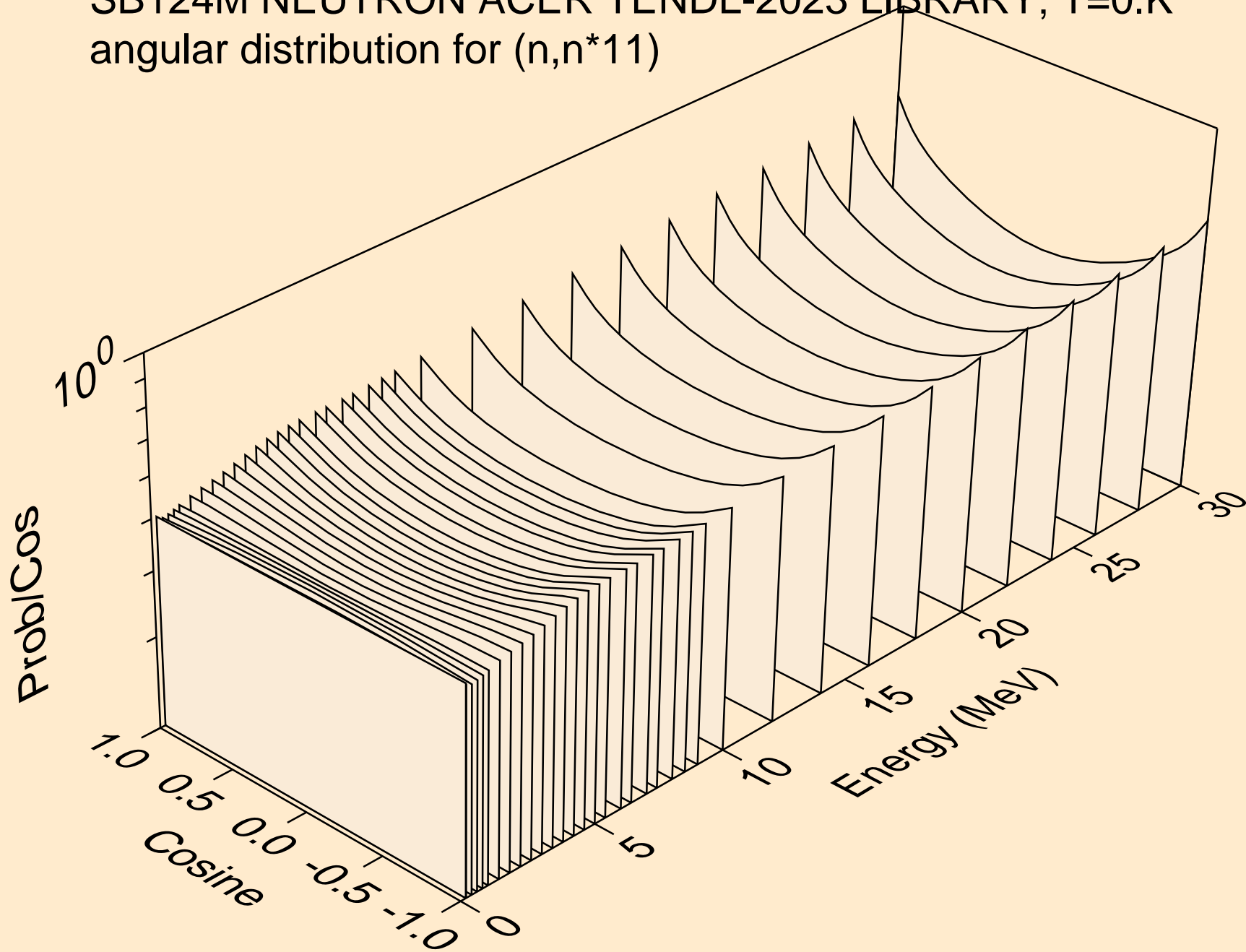
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angular distribution for (n,n\*9)



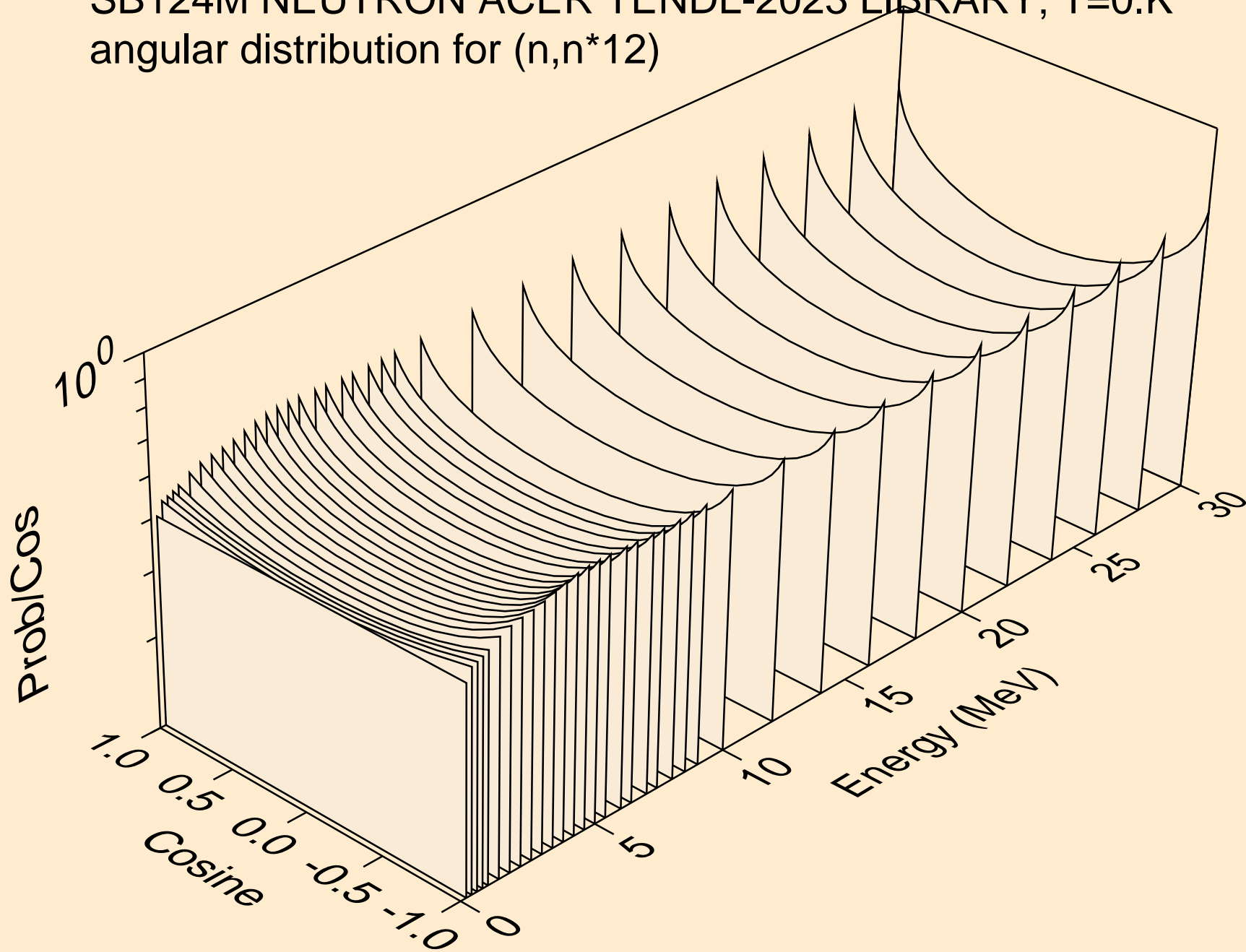
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angular distribution for (n,n\*10)



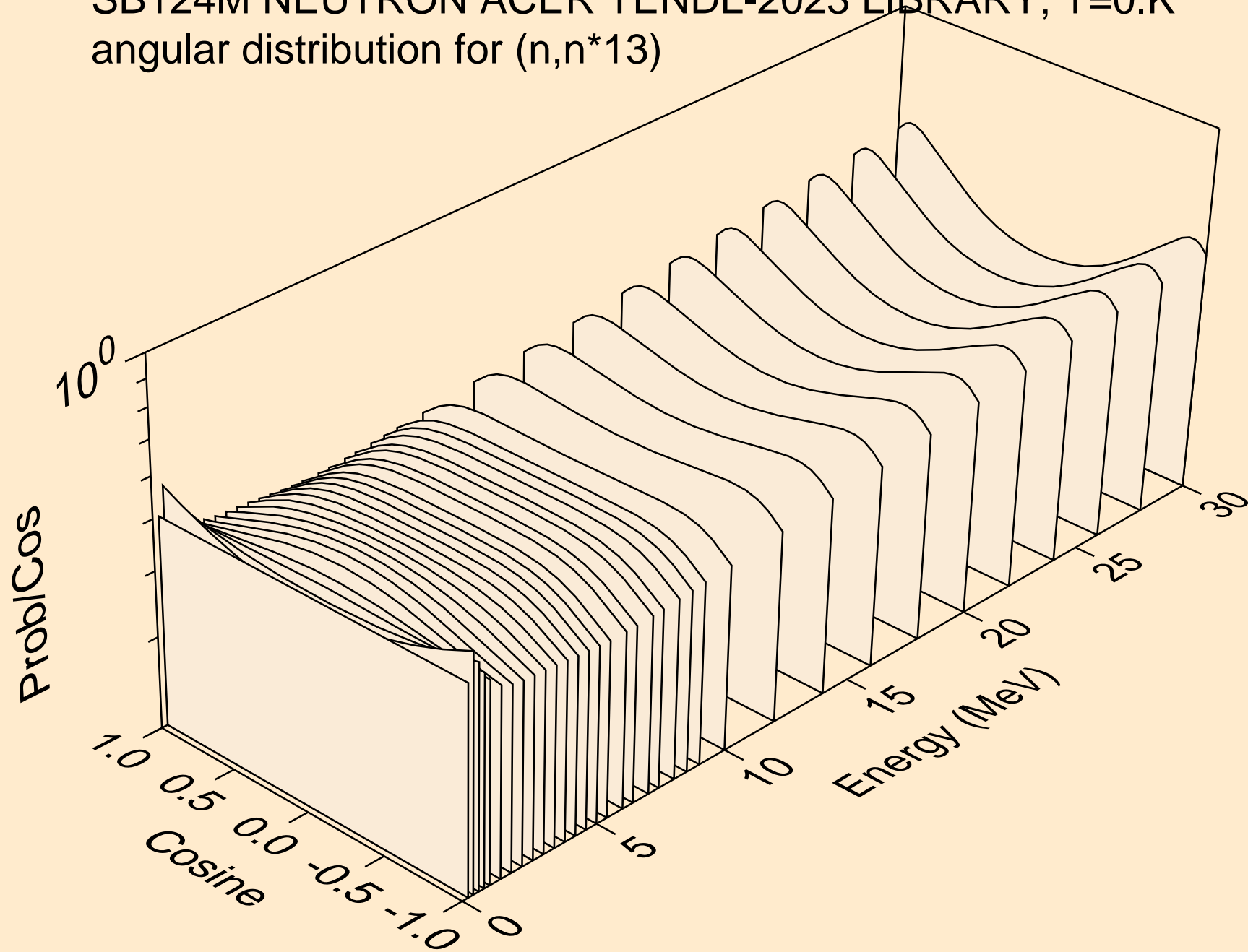
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

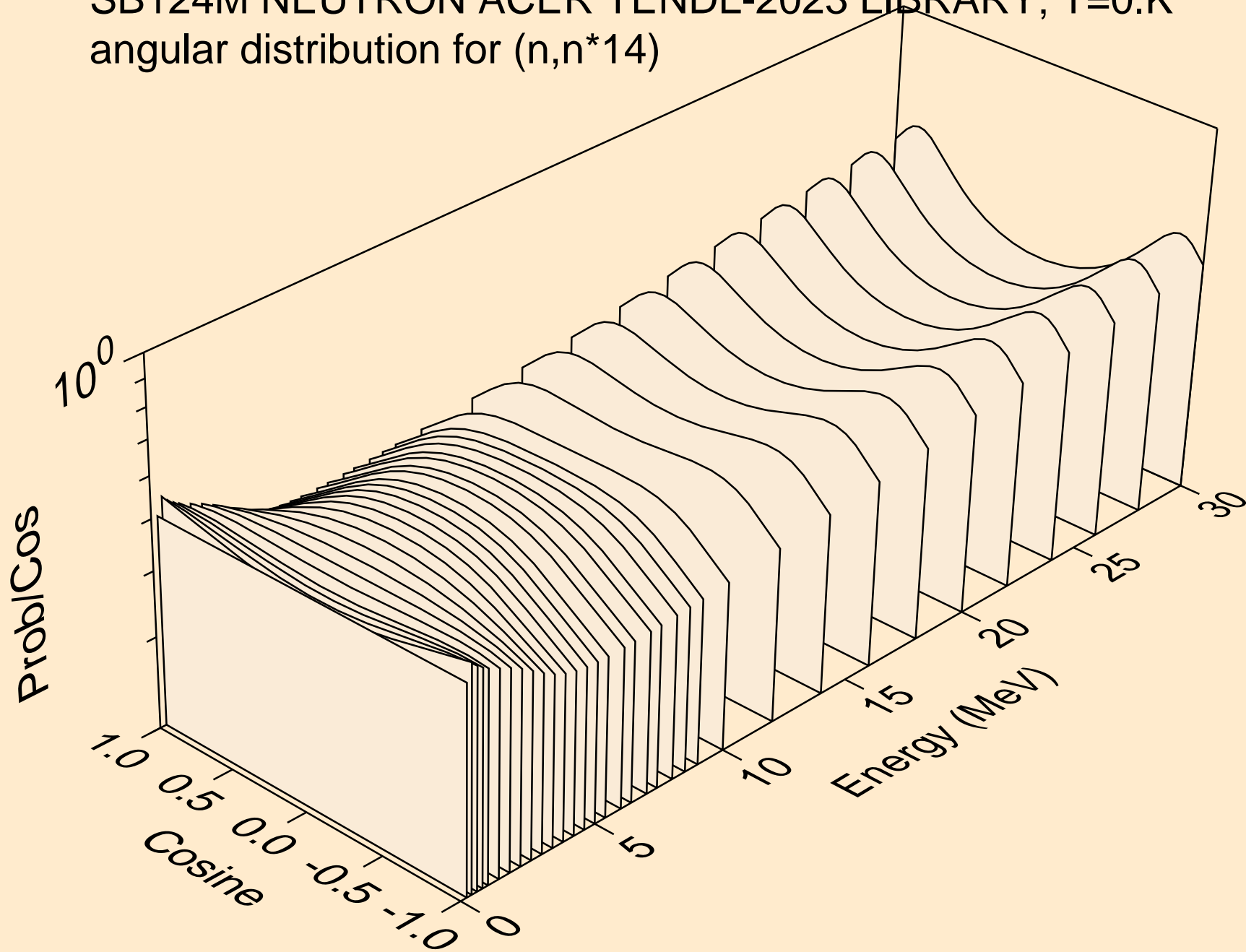


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angular distribution for (n,n\*13)

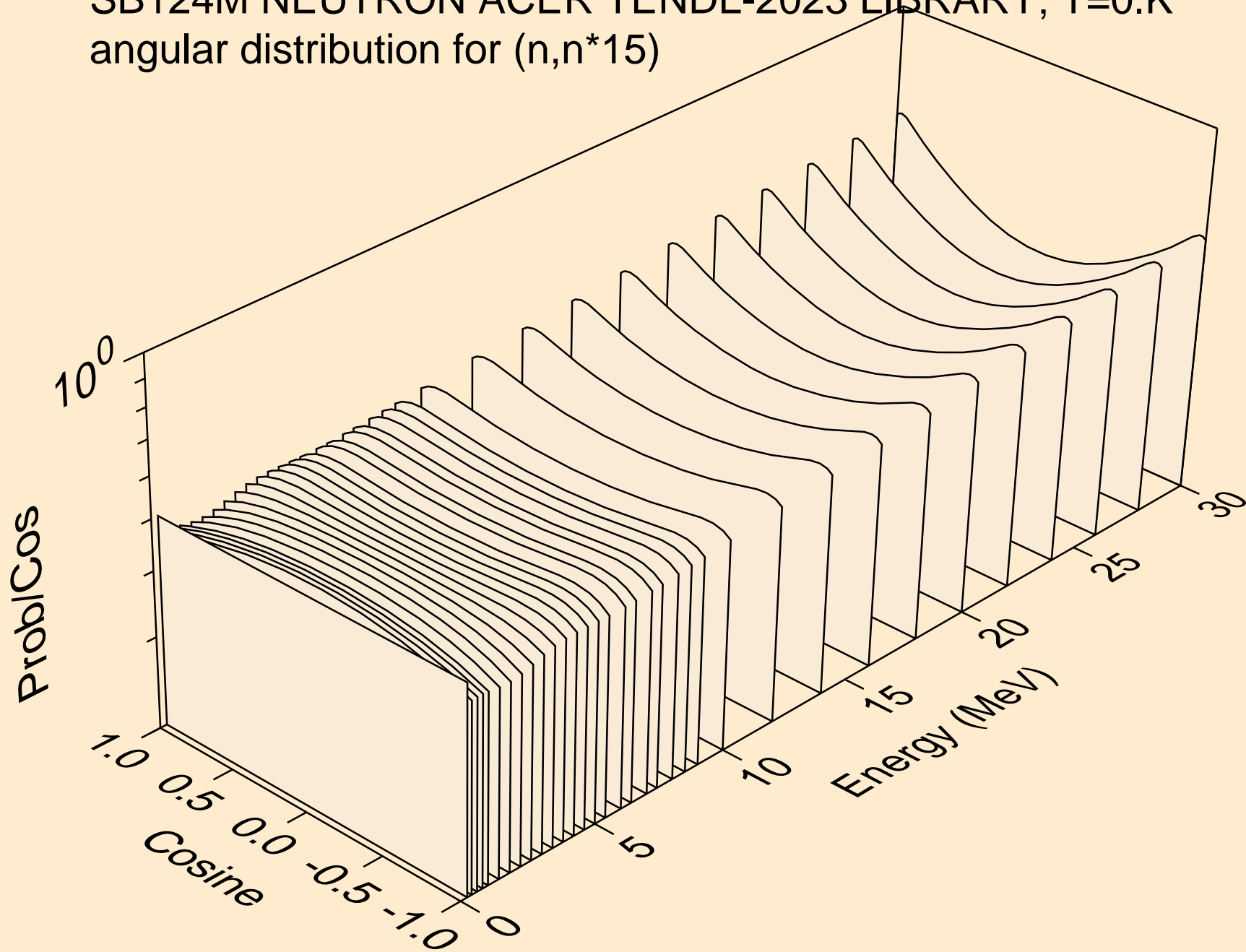




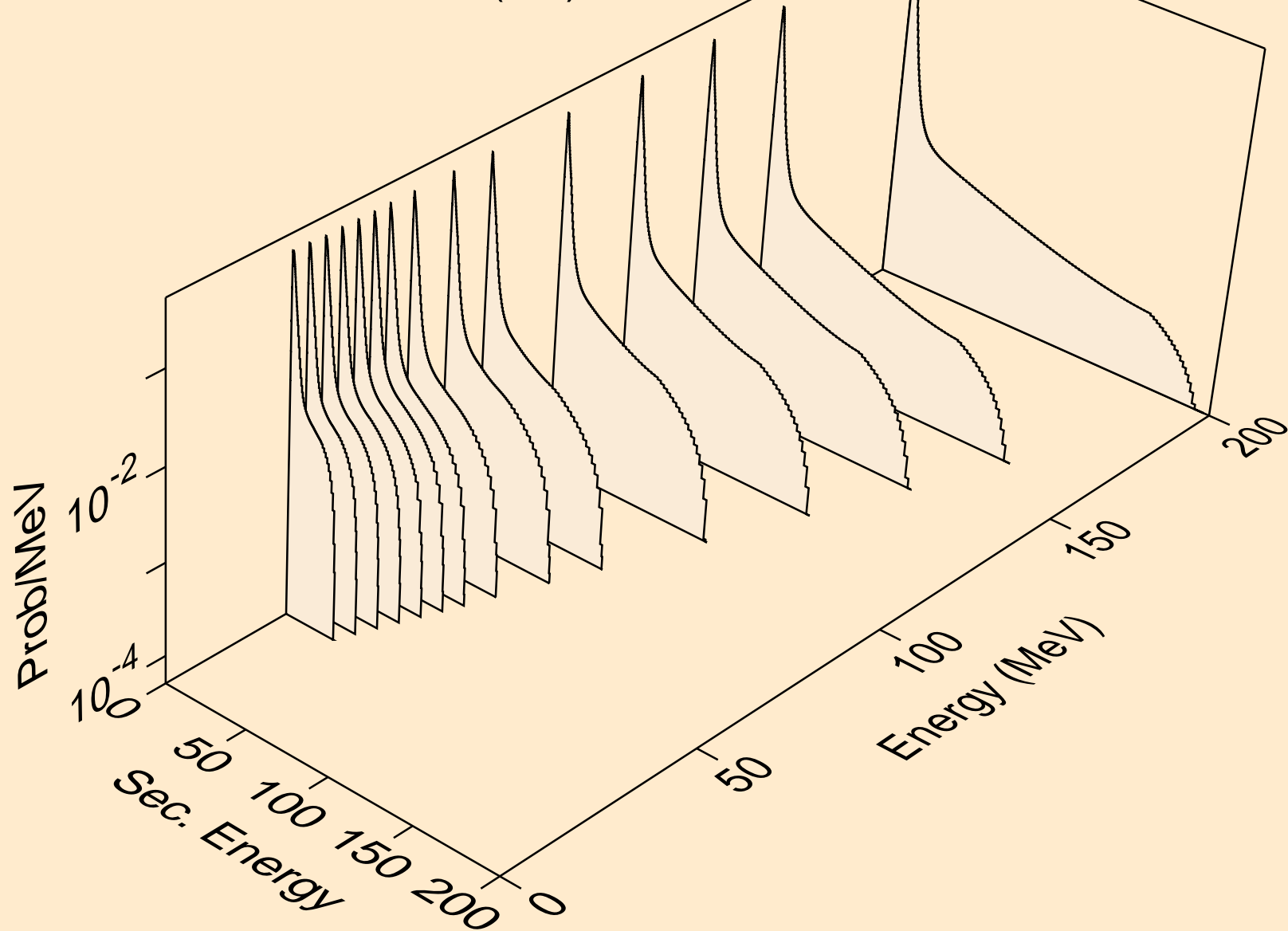
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angular distribution for (n,n\*14)



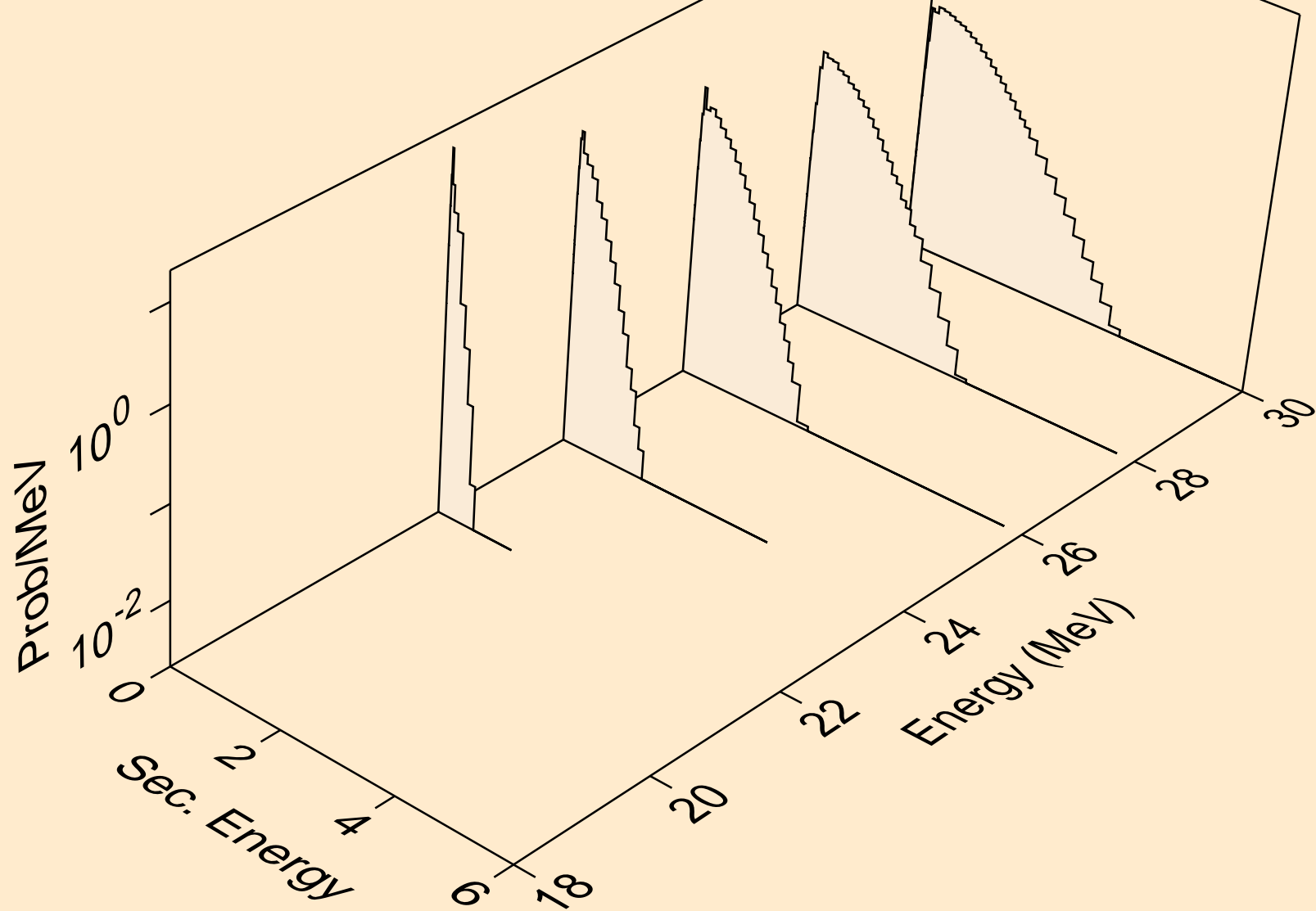
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angular distribution for (n,n\*15)



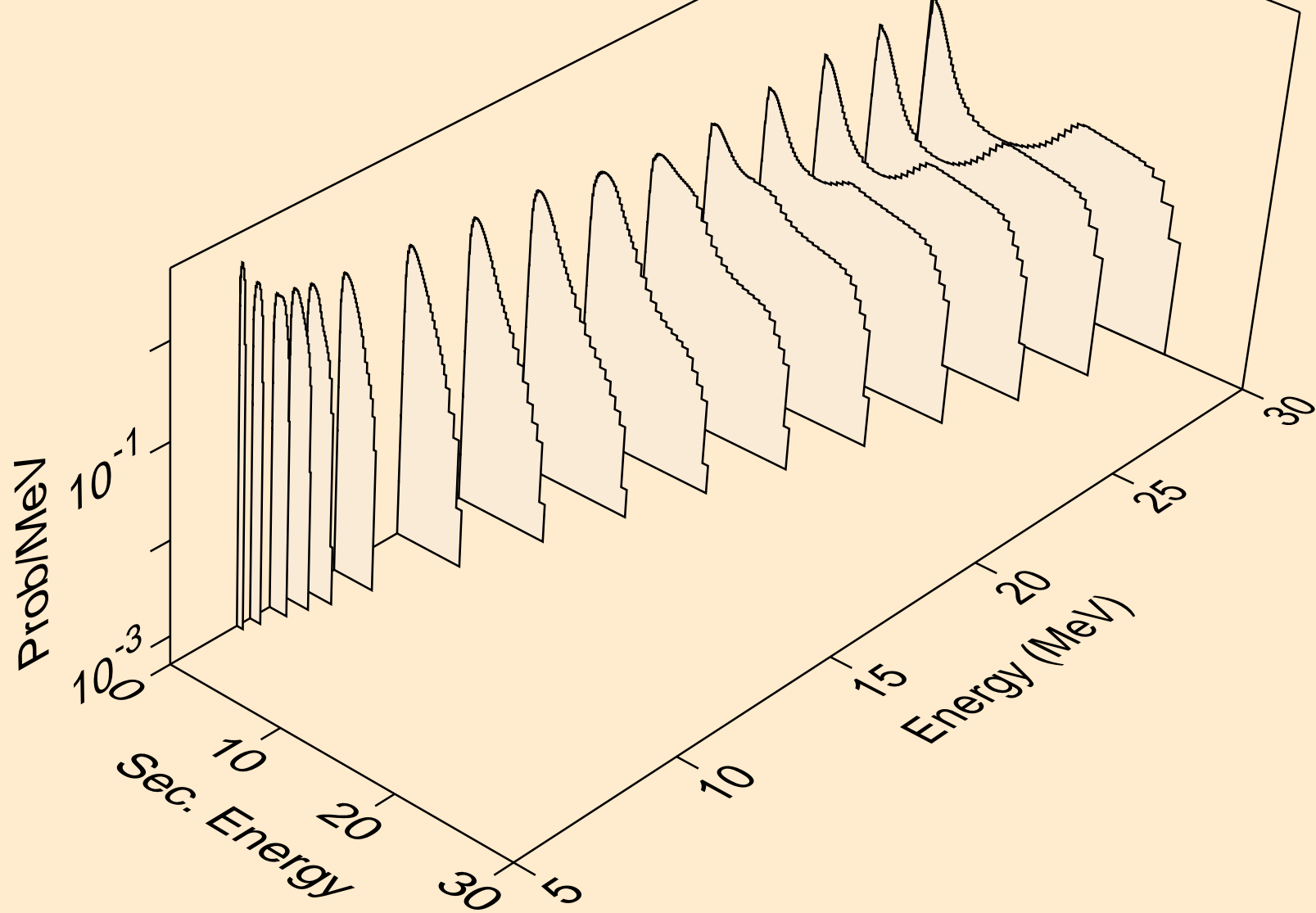
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



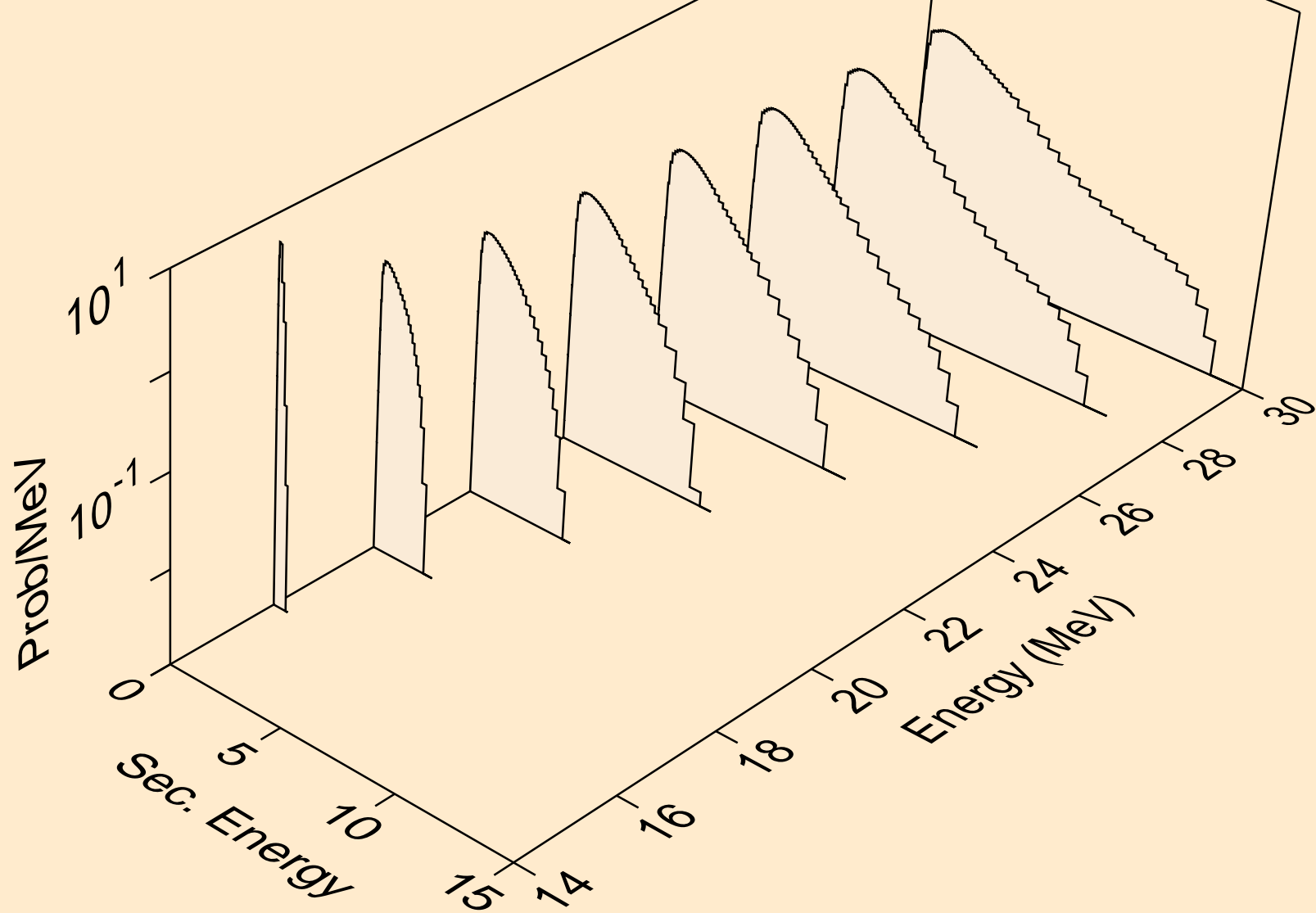
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



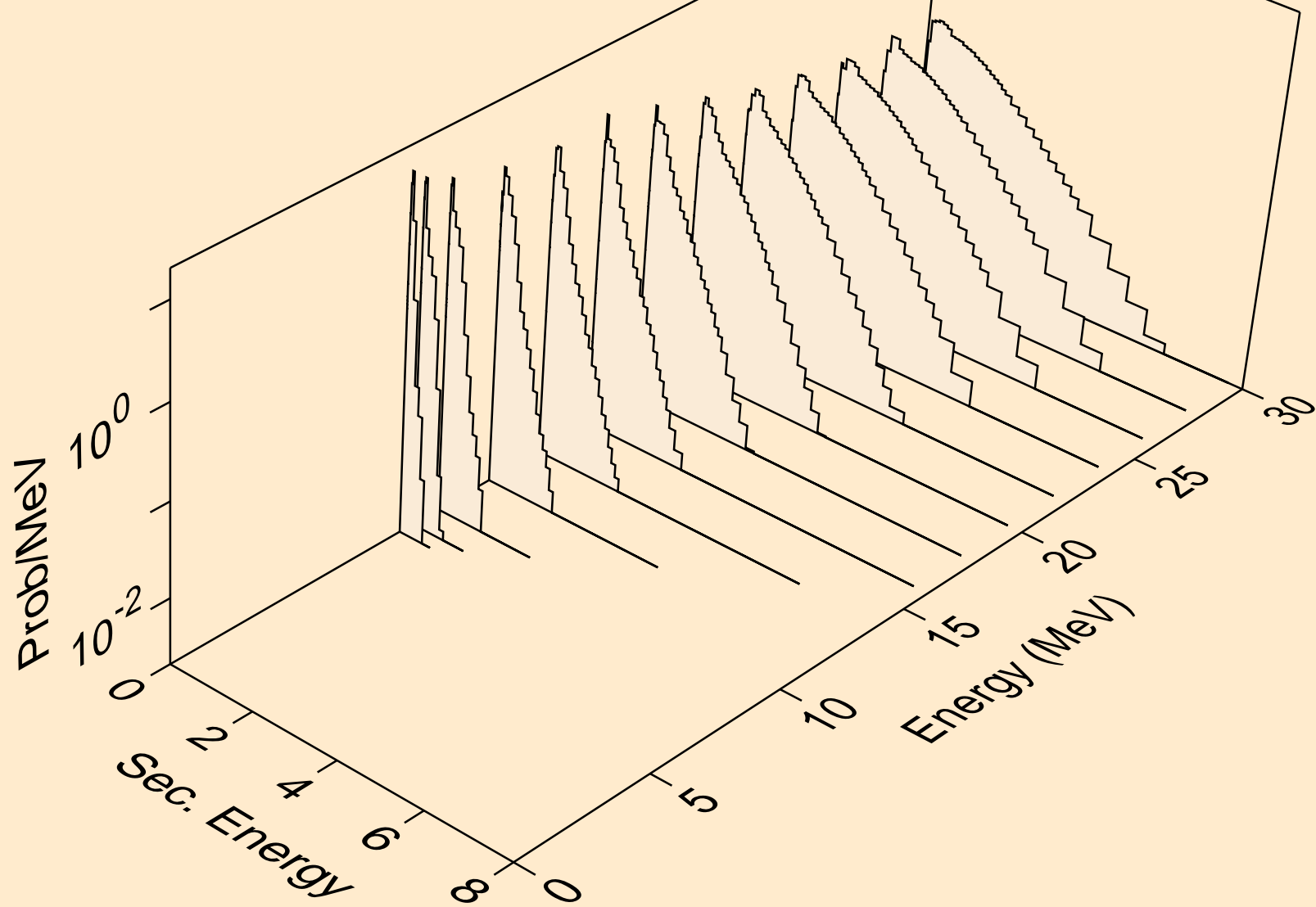
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



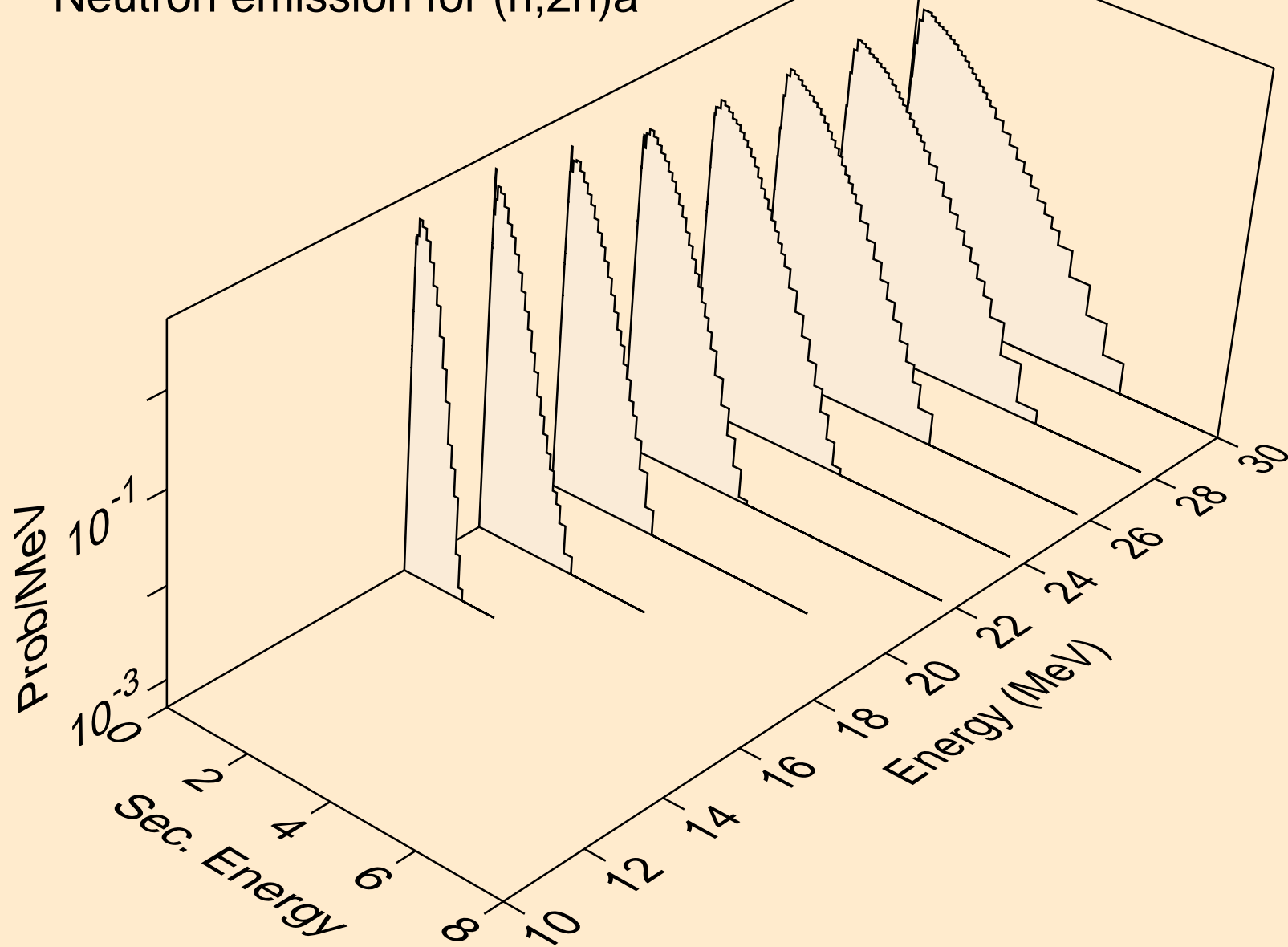
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

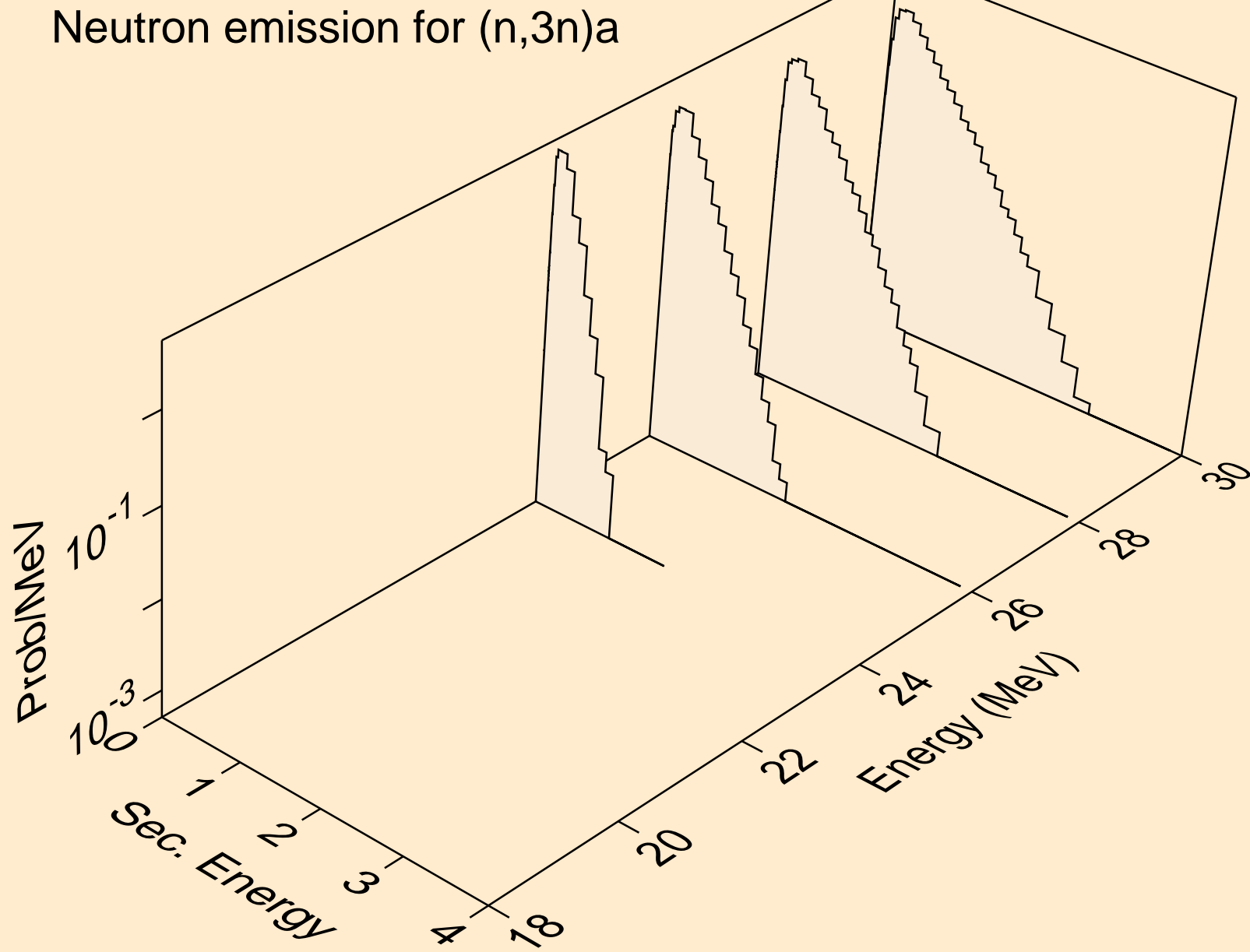


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

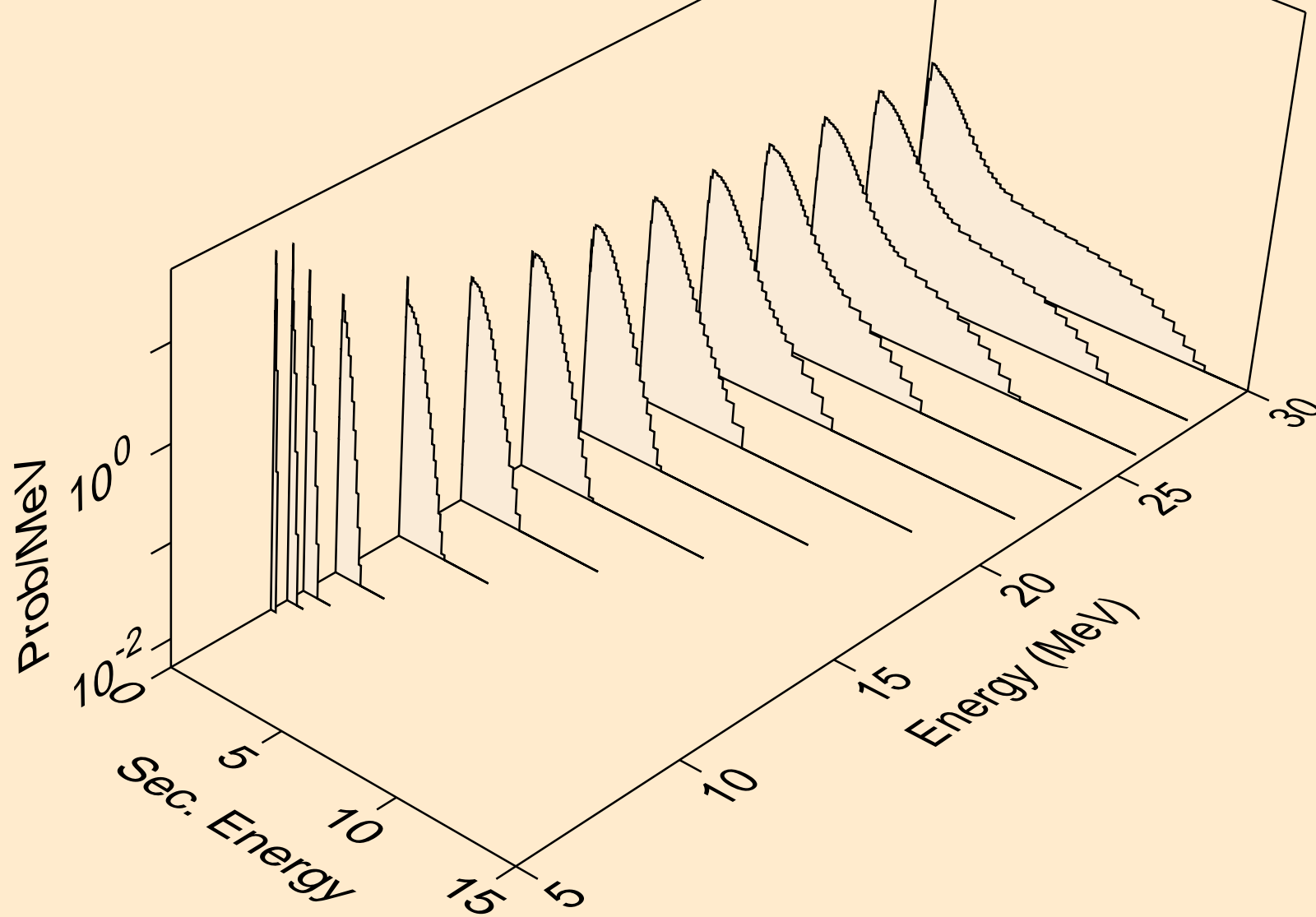




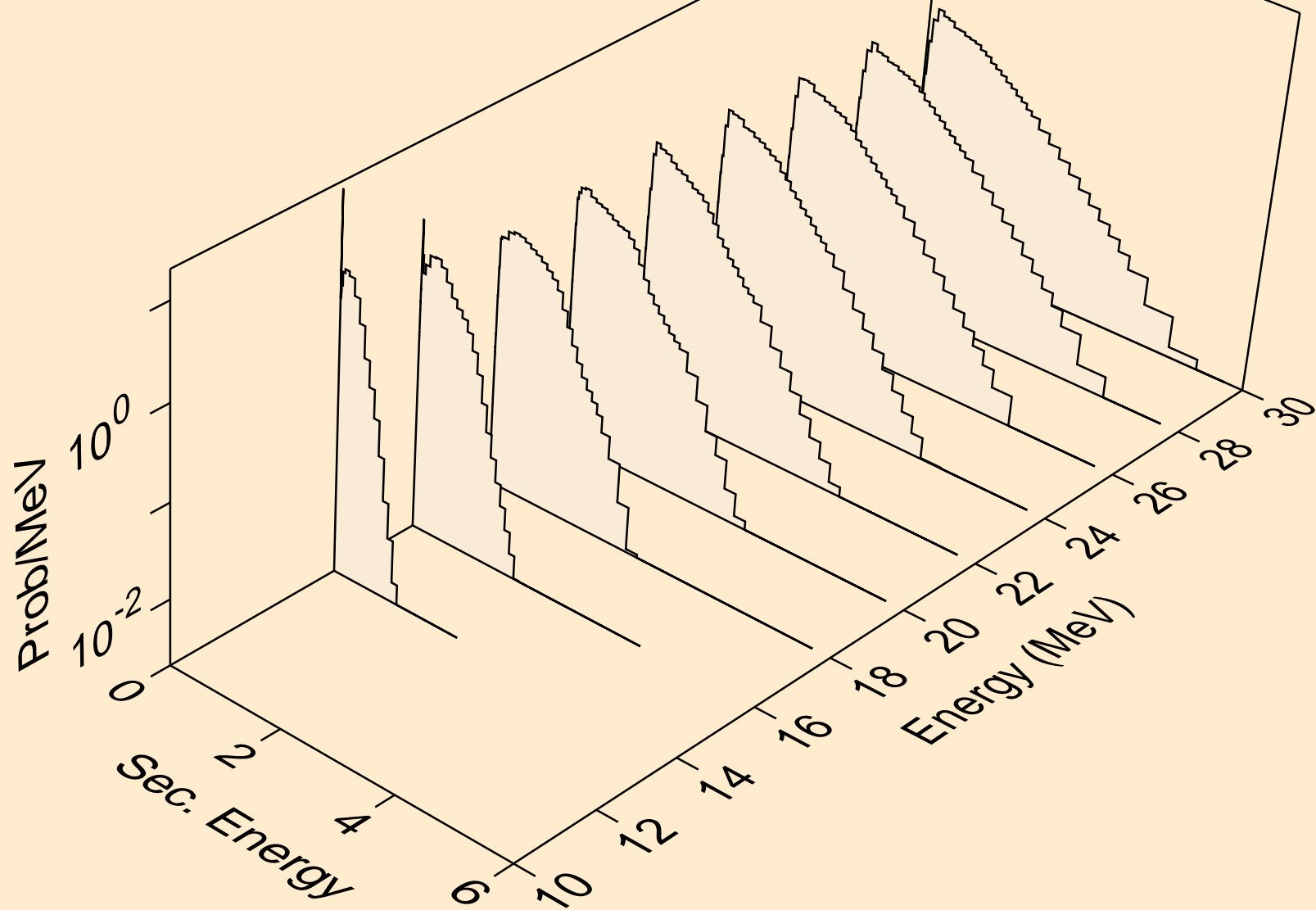
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



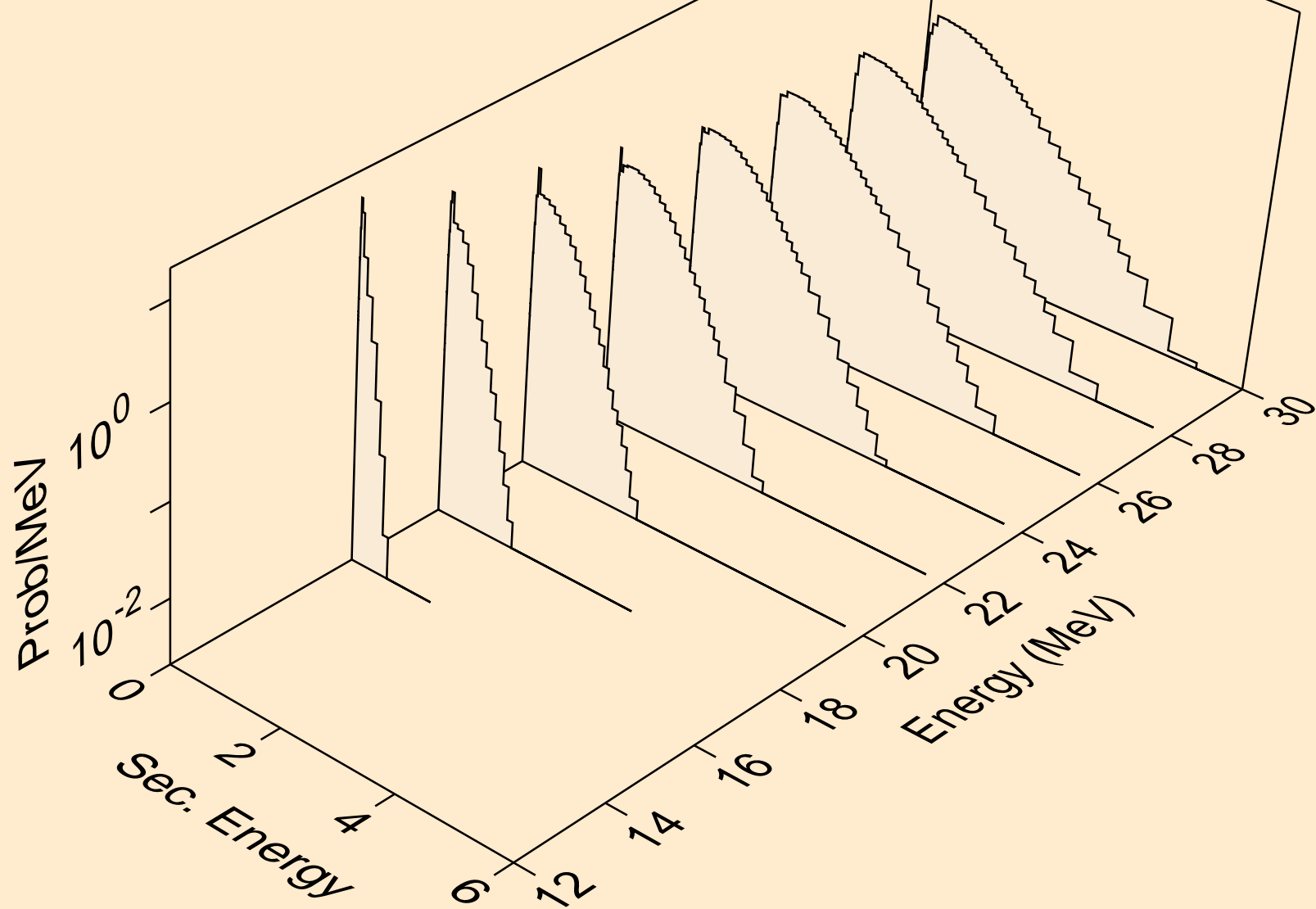
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Neutron emission for (n,n\*)p



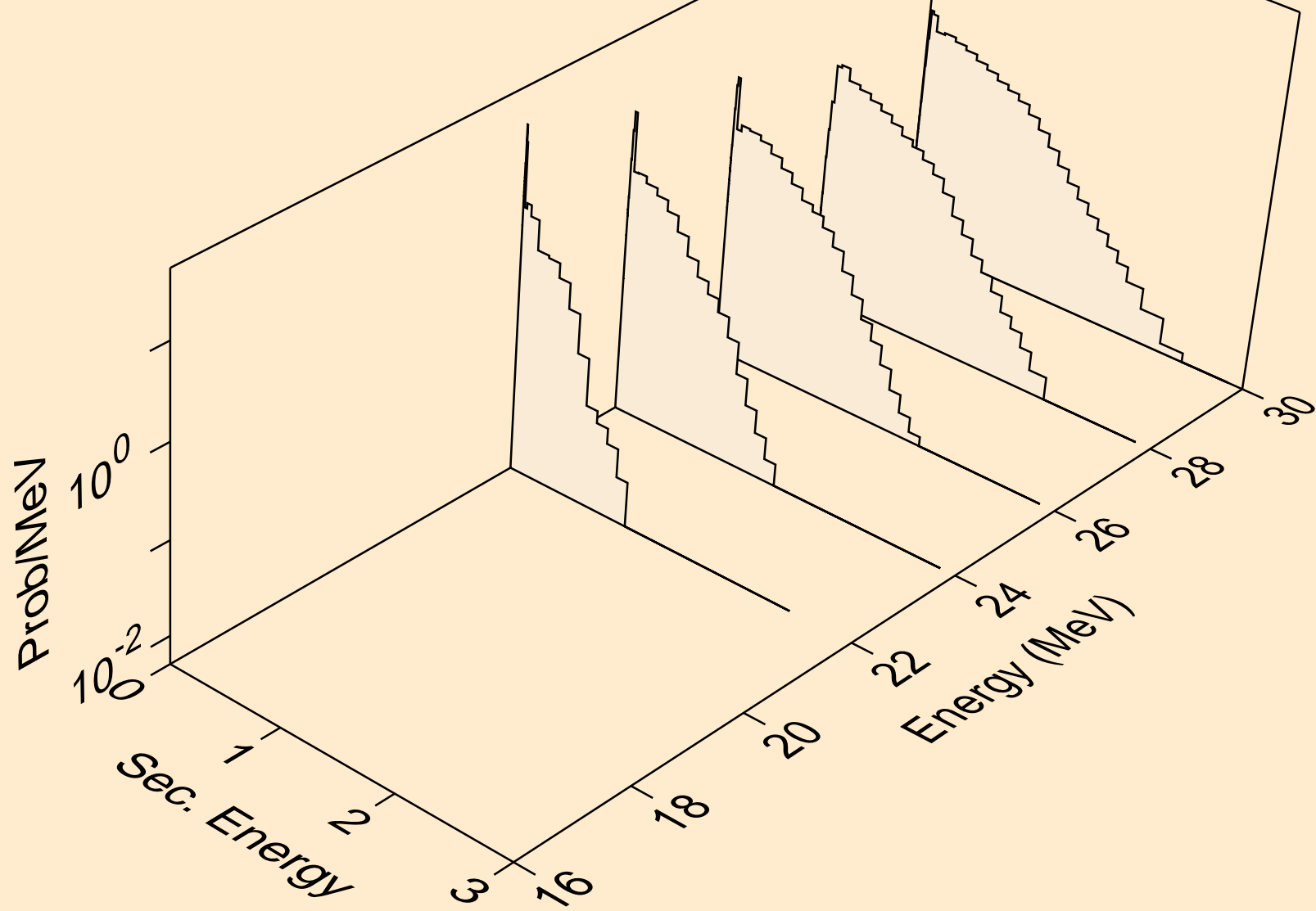
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Neutron emission for (n,n\*)d



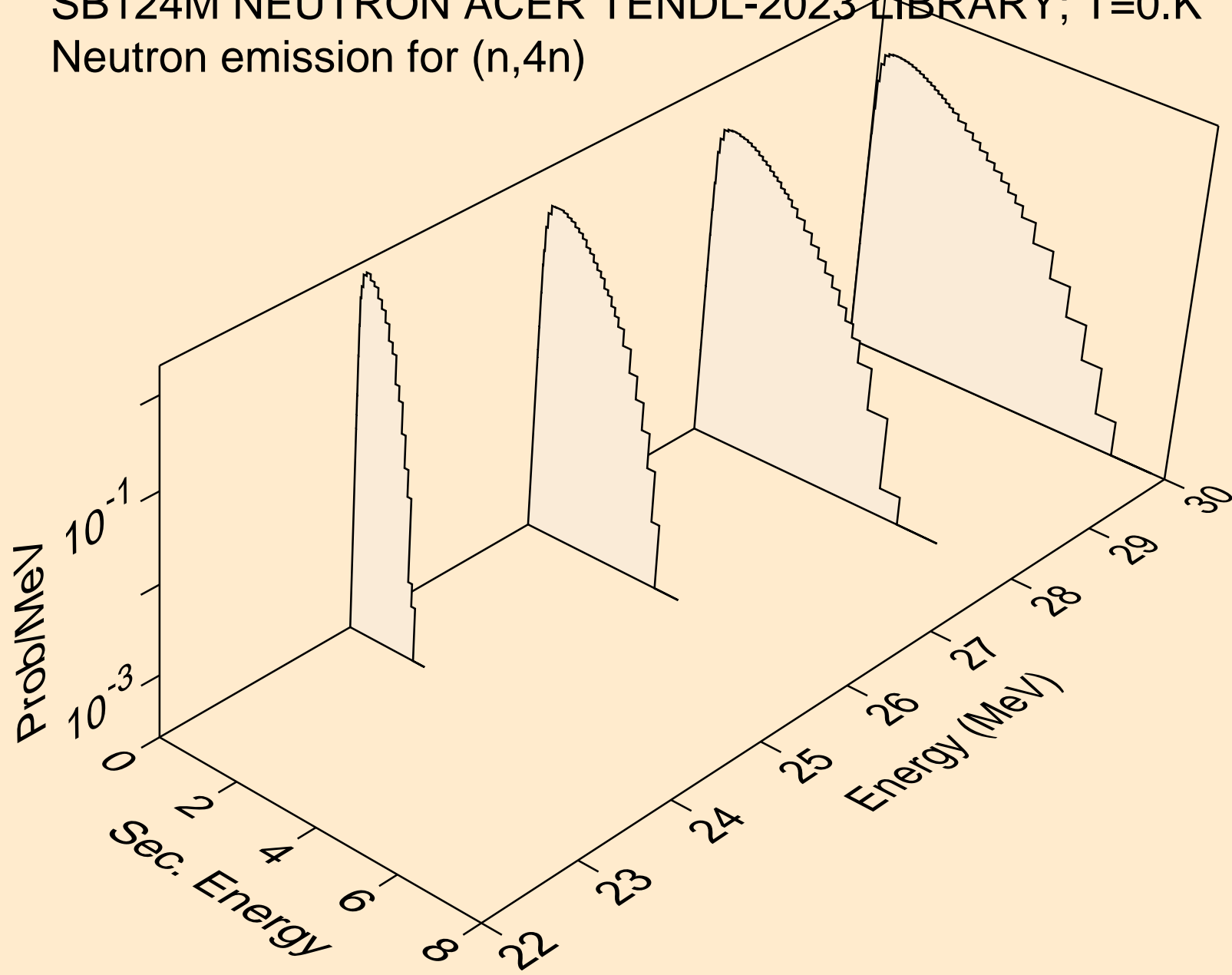
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Neutron emission for (n,n\*)t



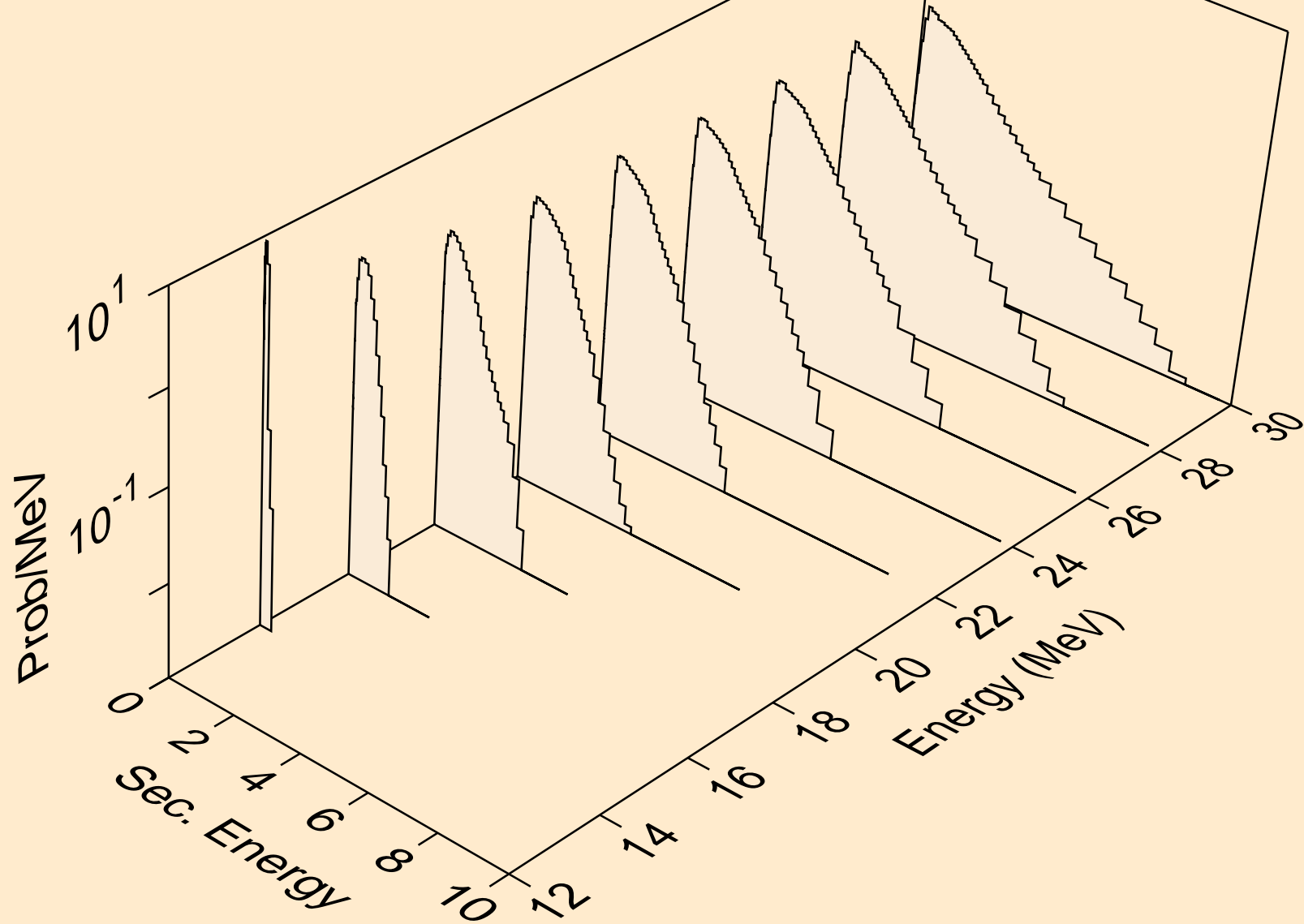
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



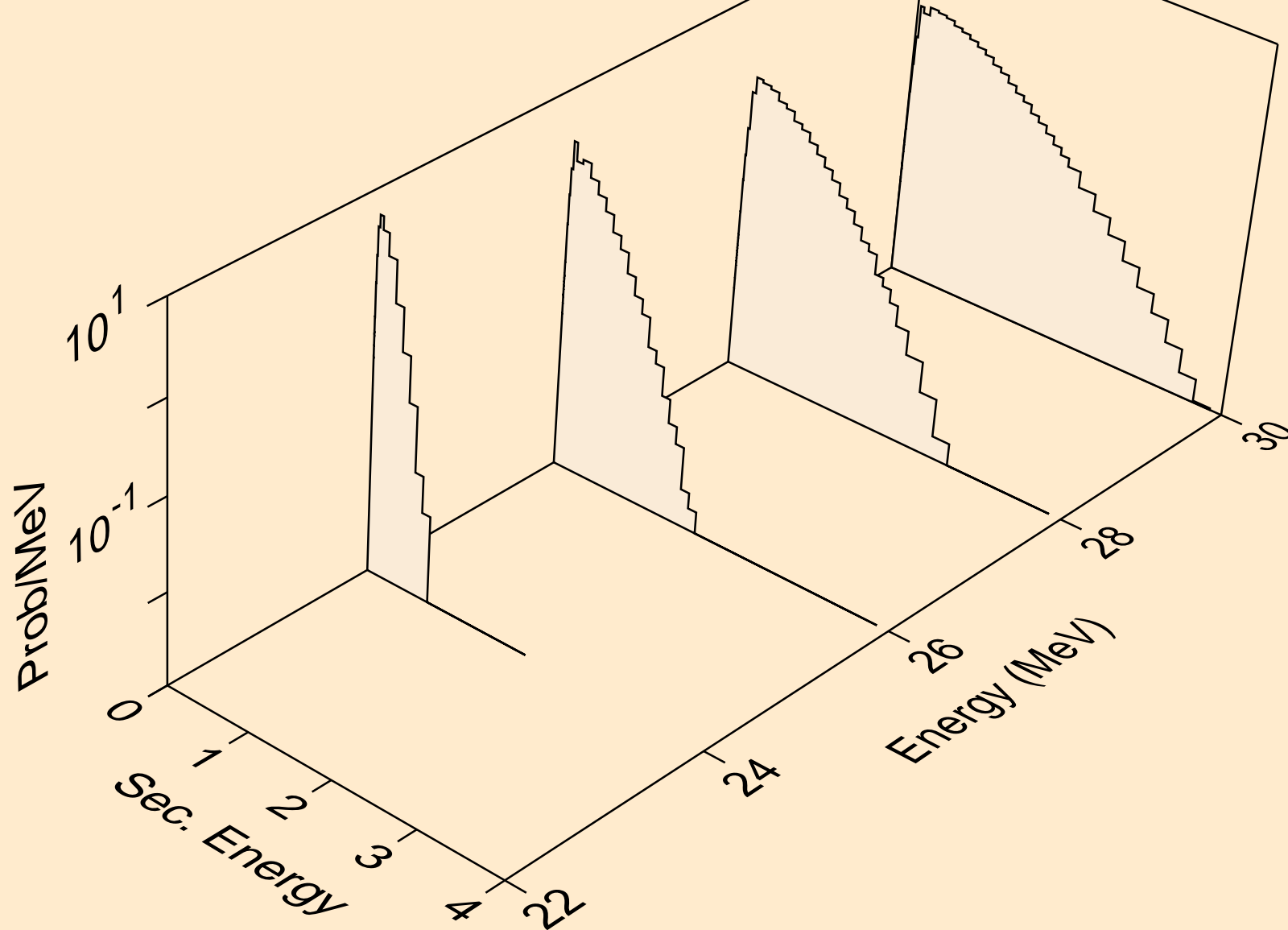
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

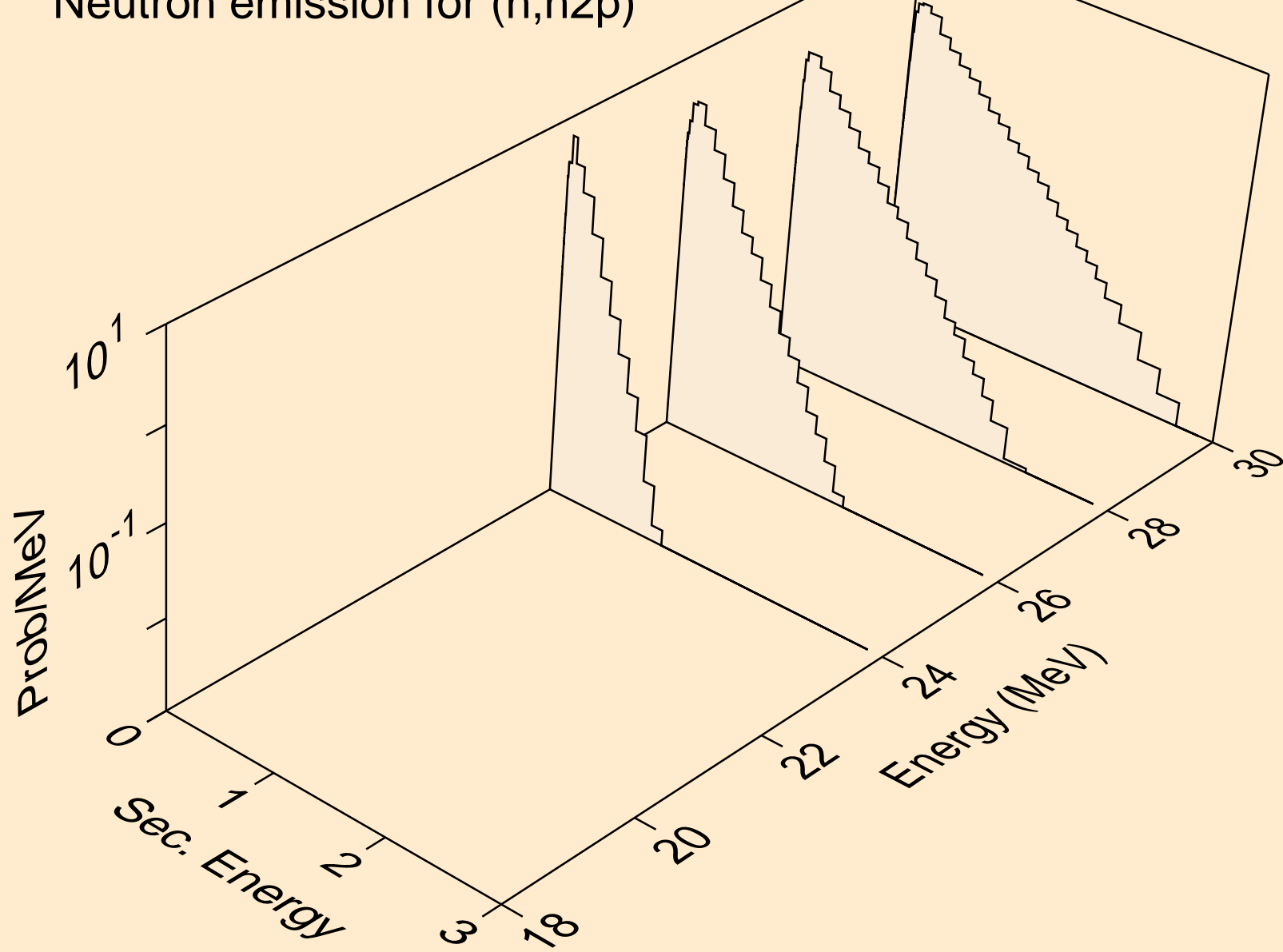


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

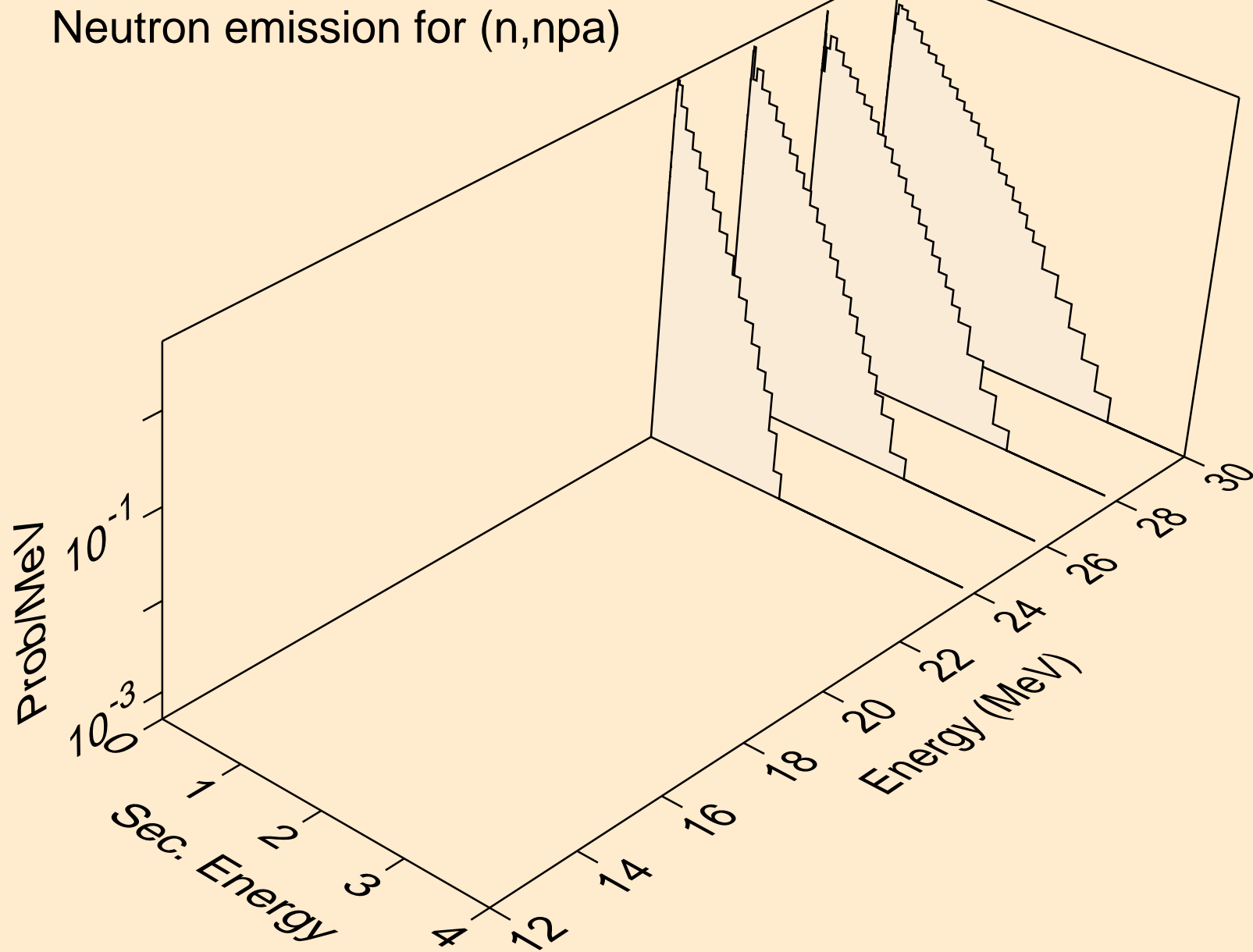




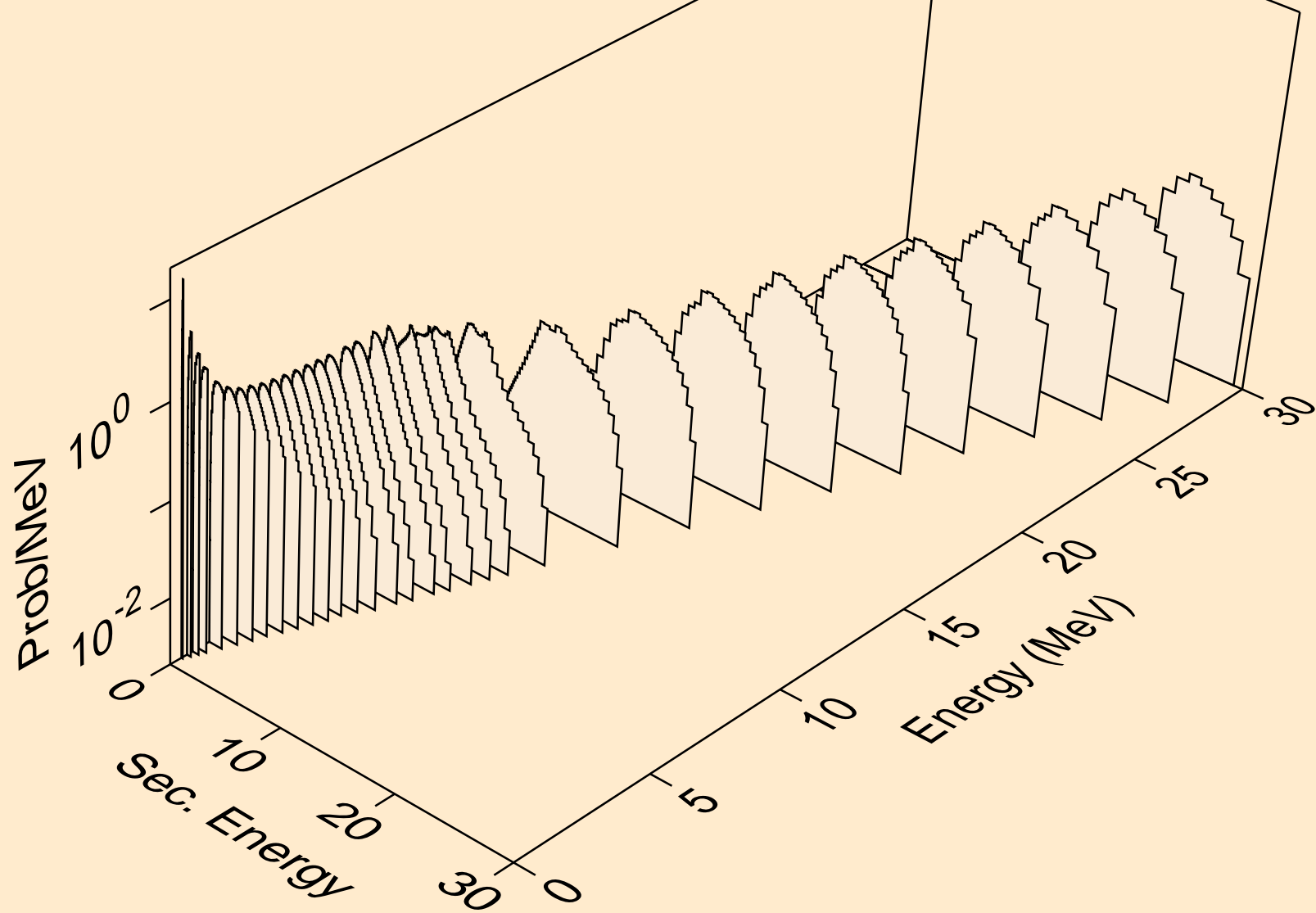
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



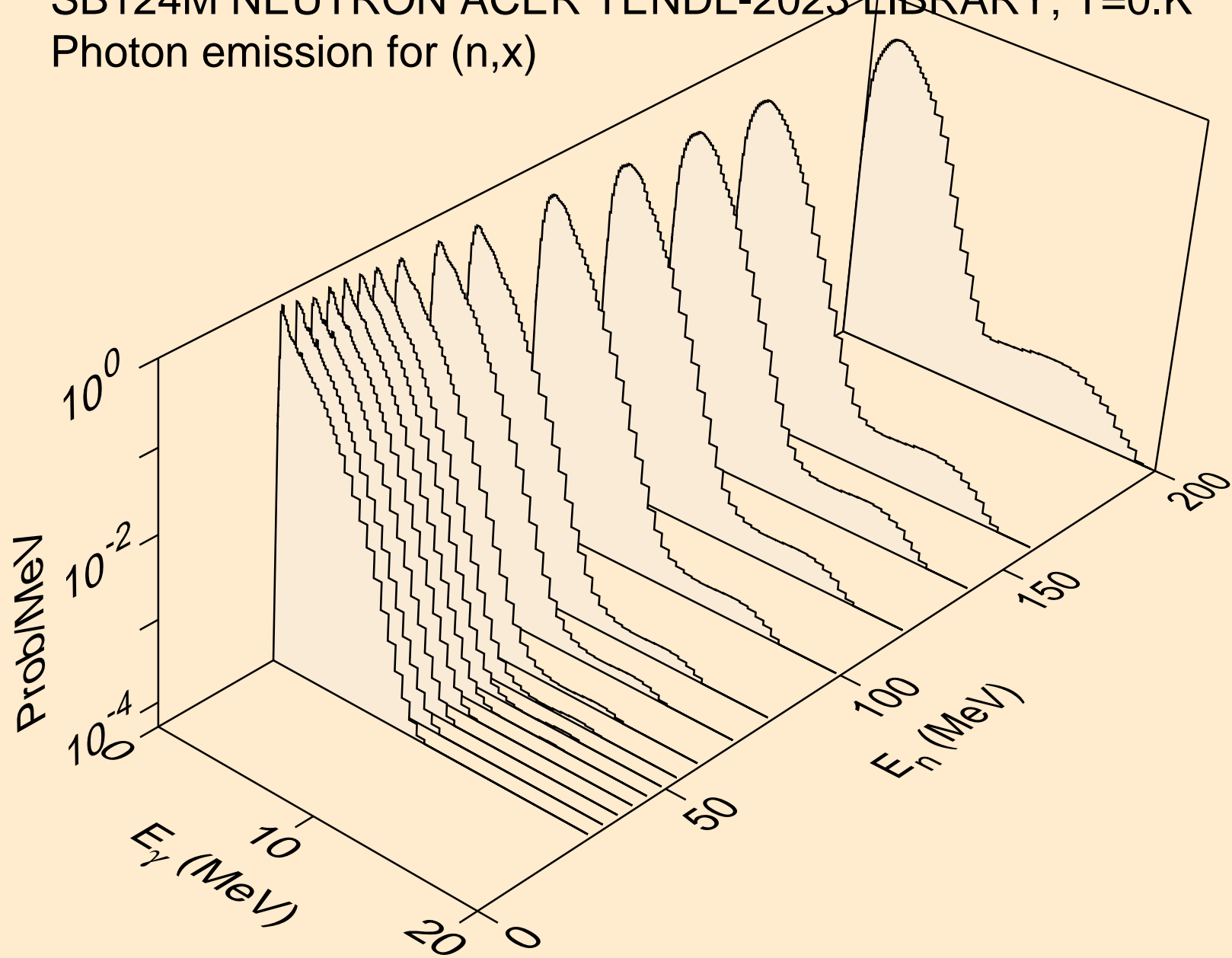
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



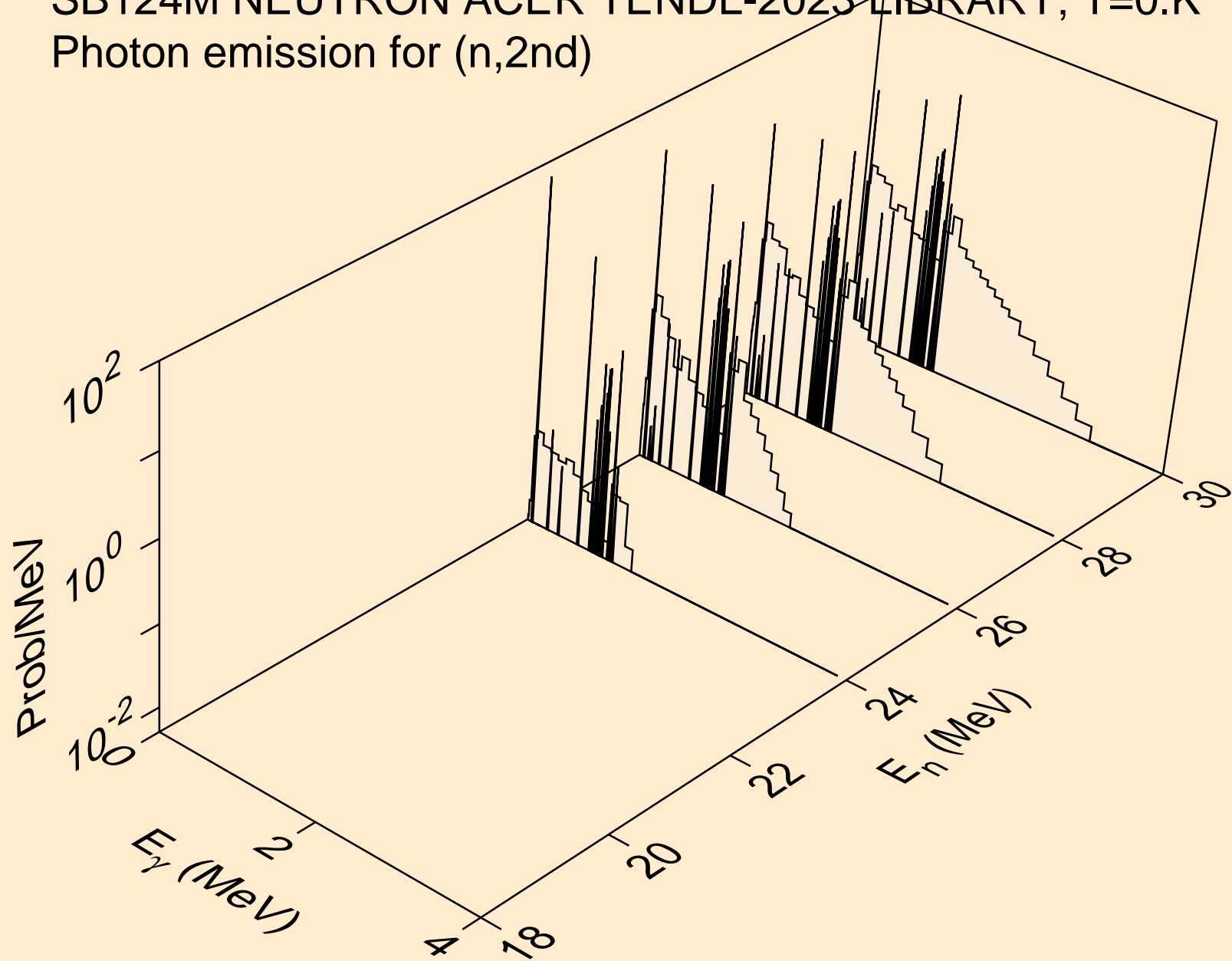
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



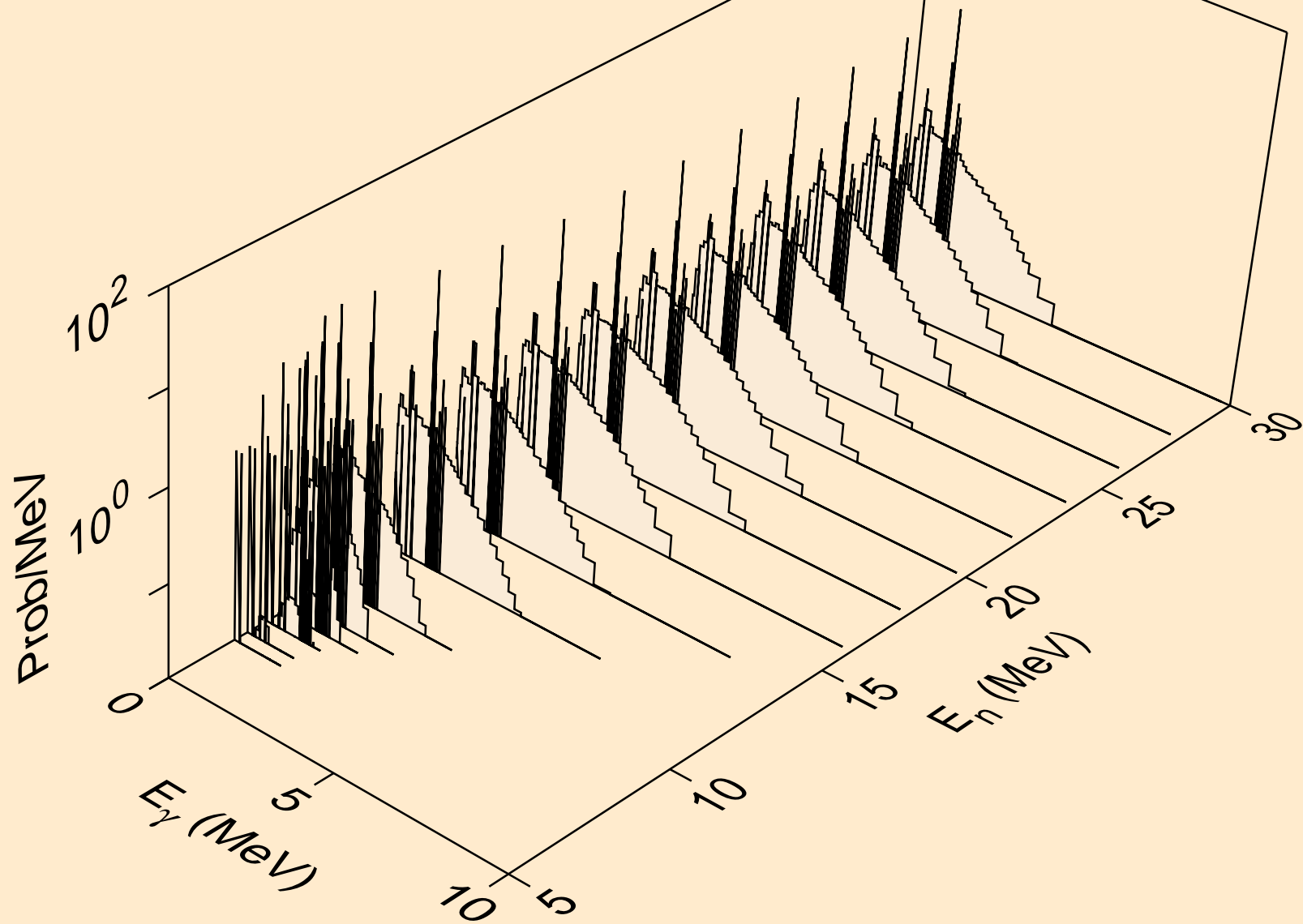
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



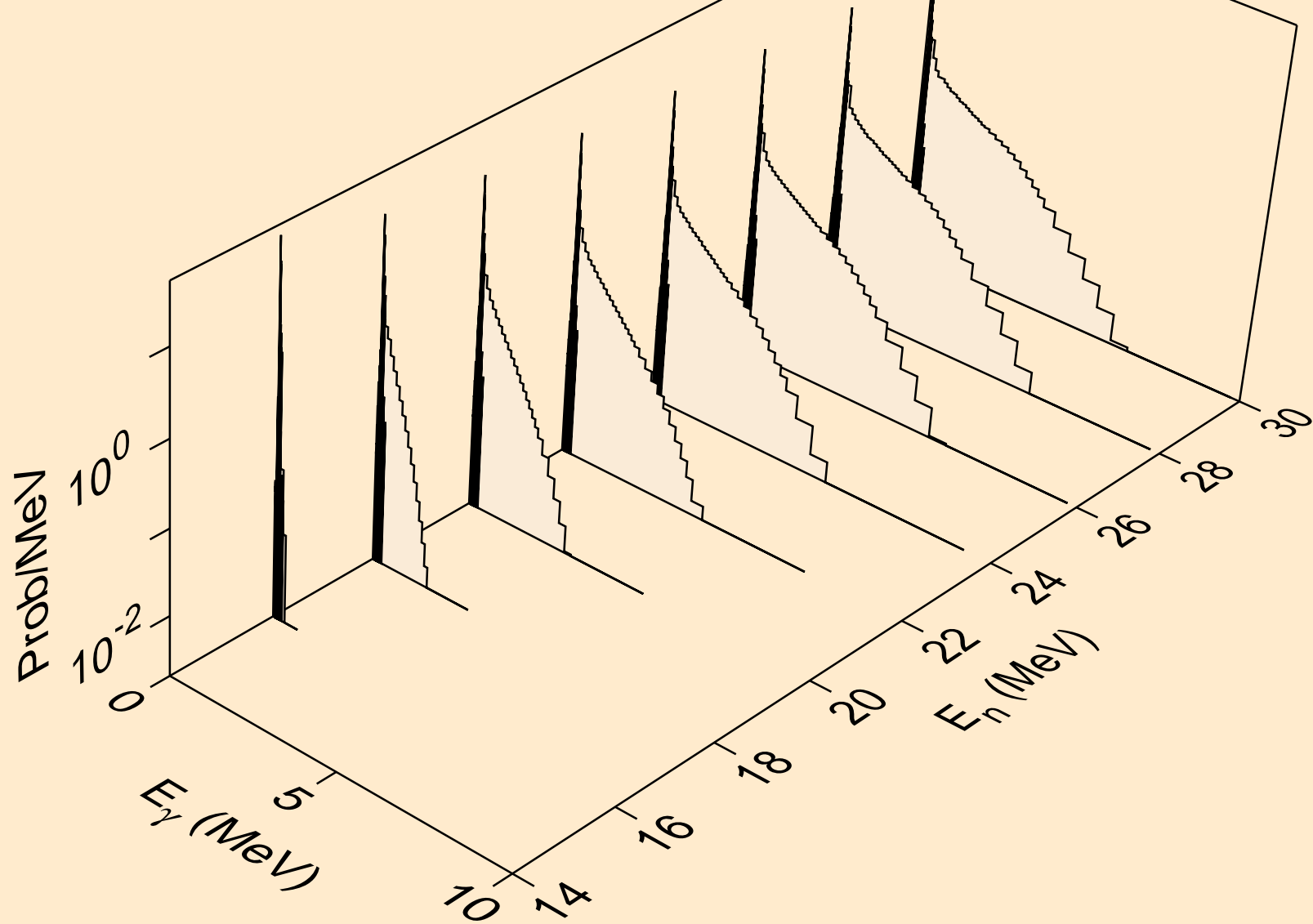
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Photon emission for (n,2nd)



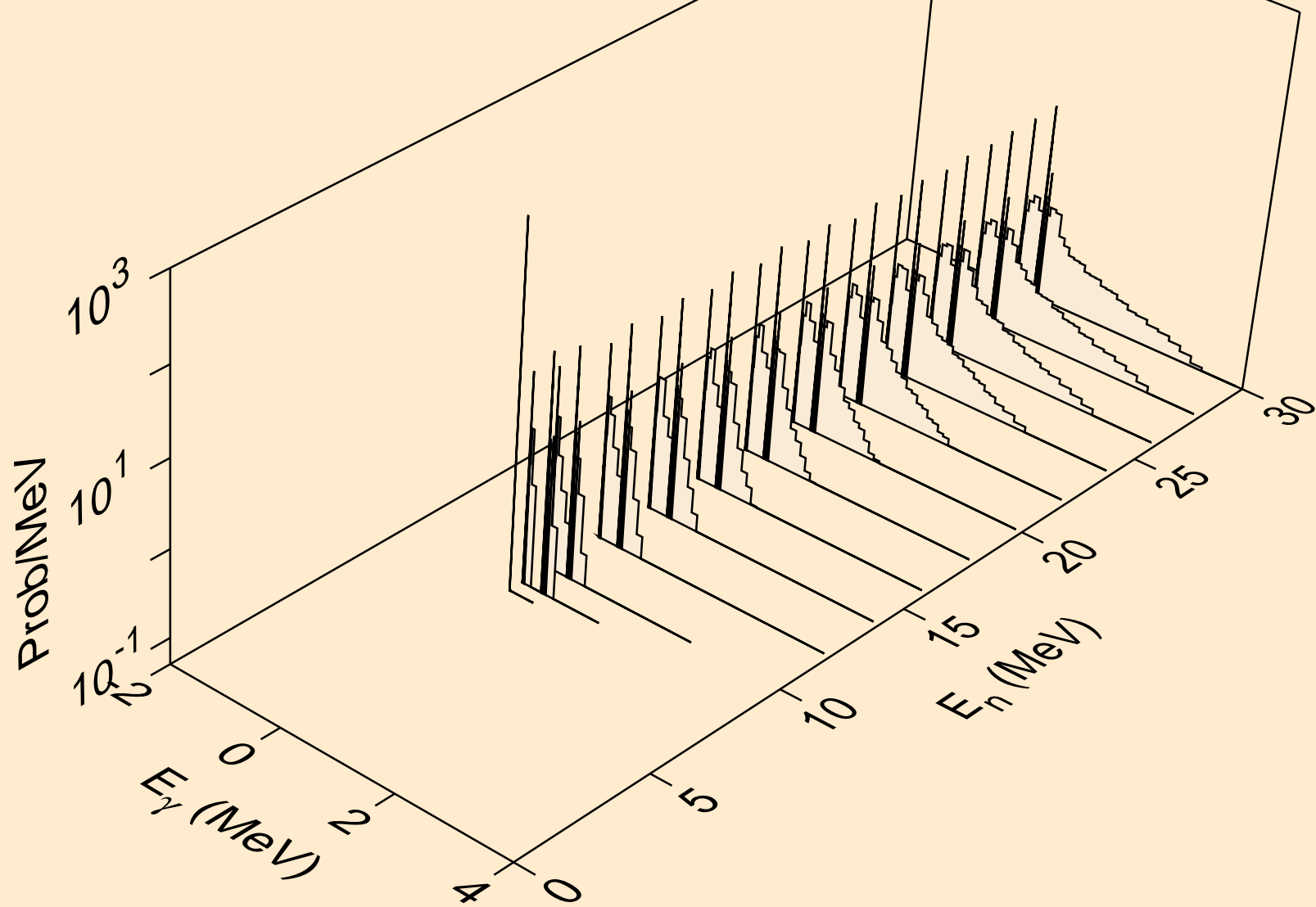
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

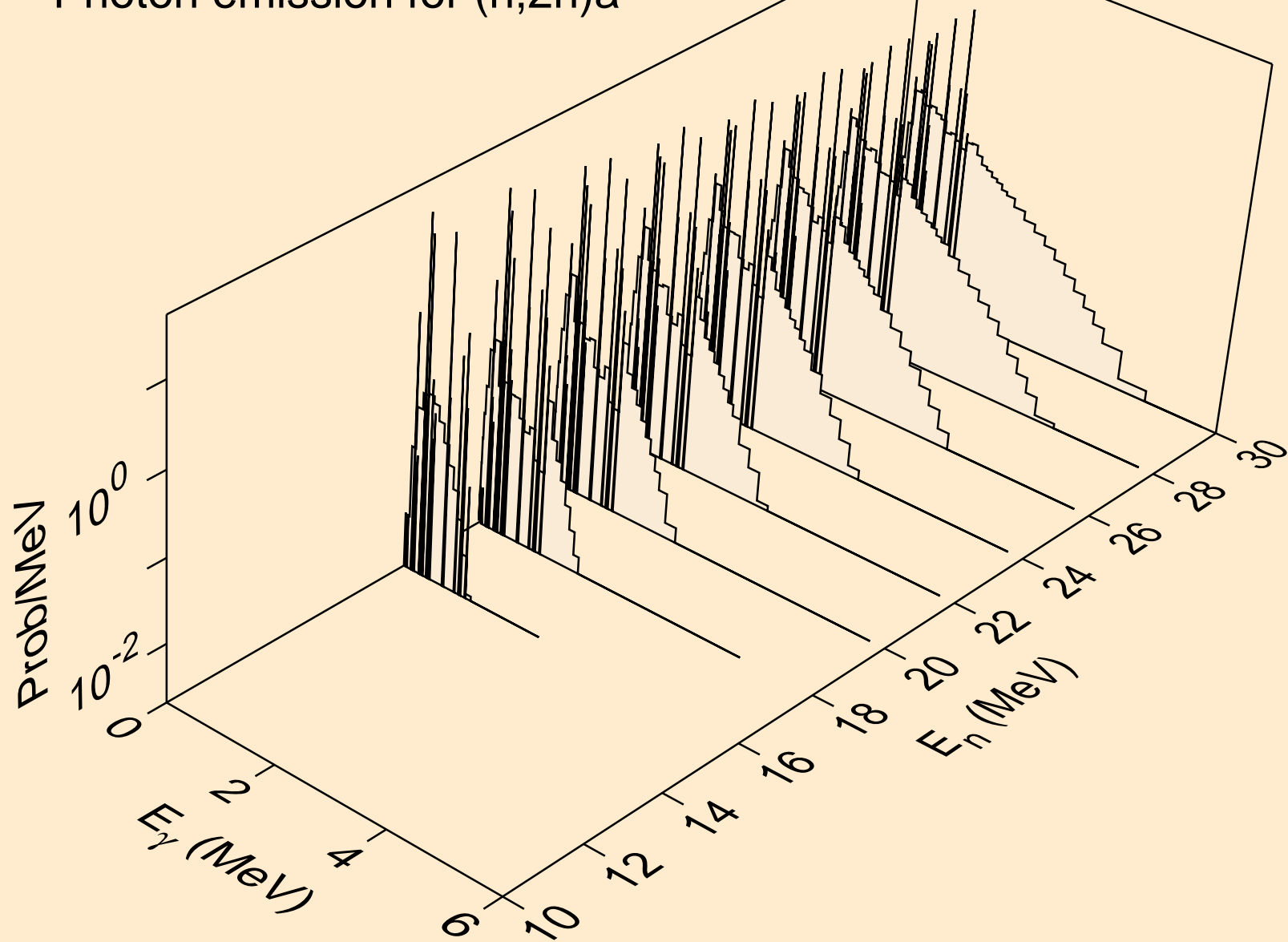


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

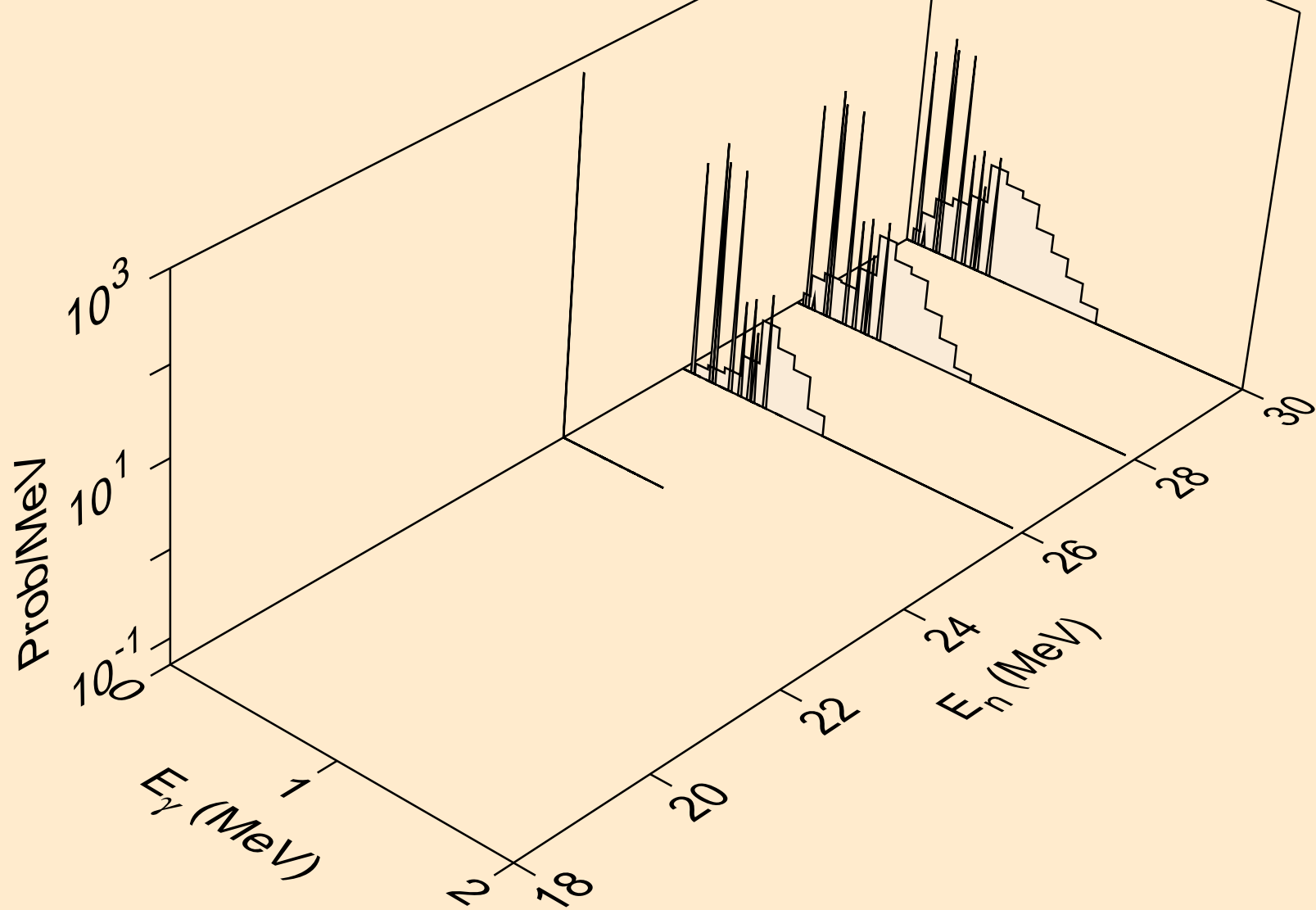




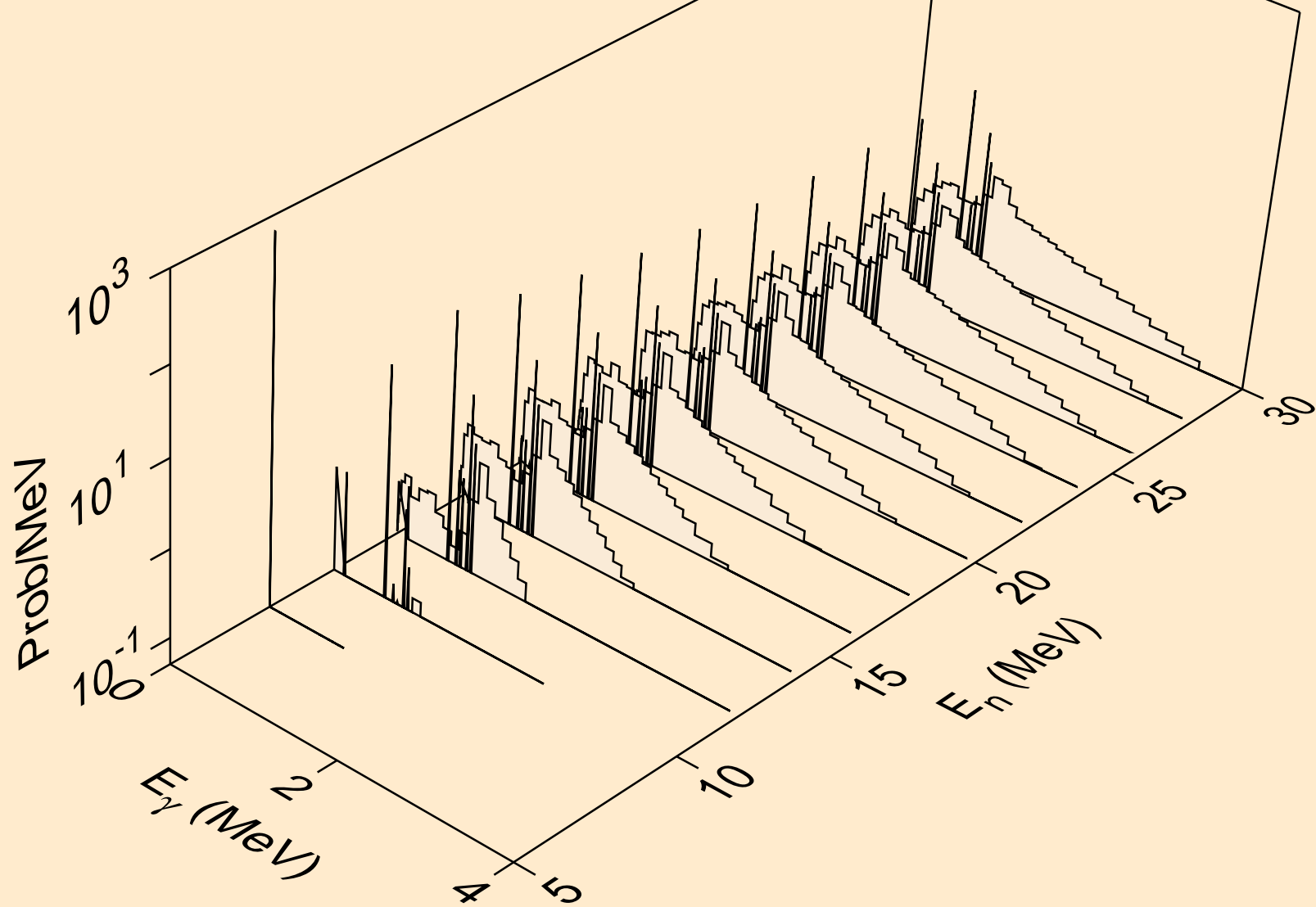
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Photon emission for (n,2n)a



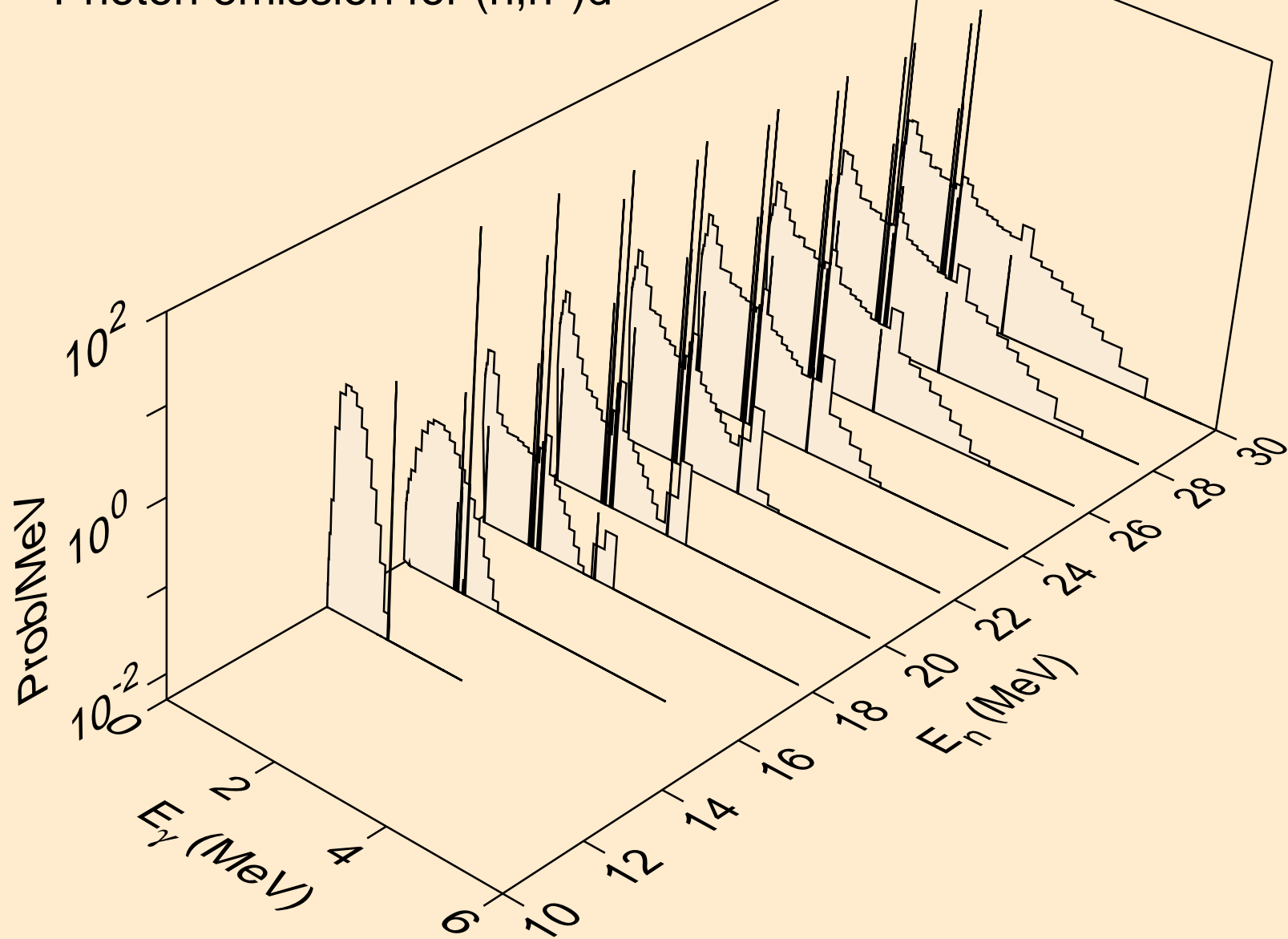
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



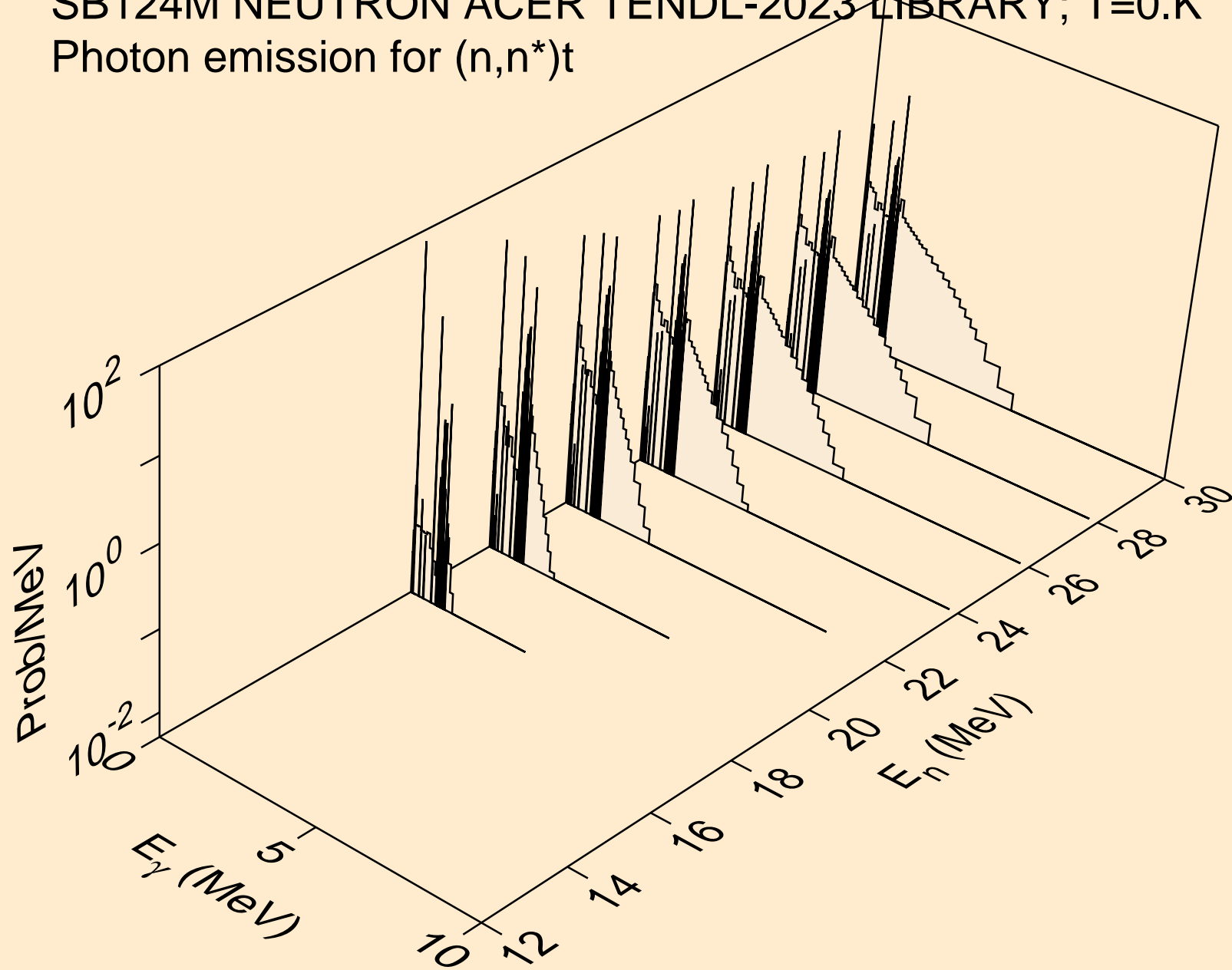
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



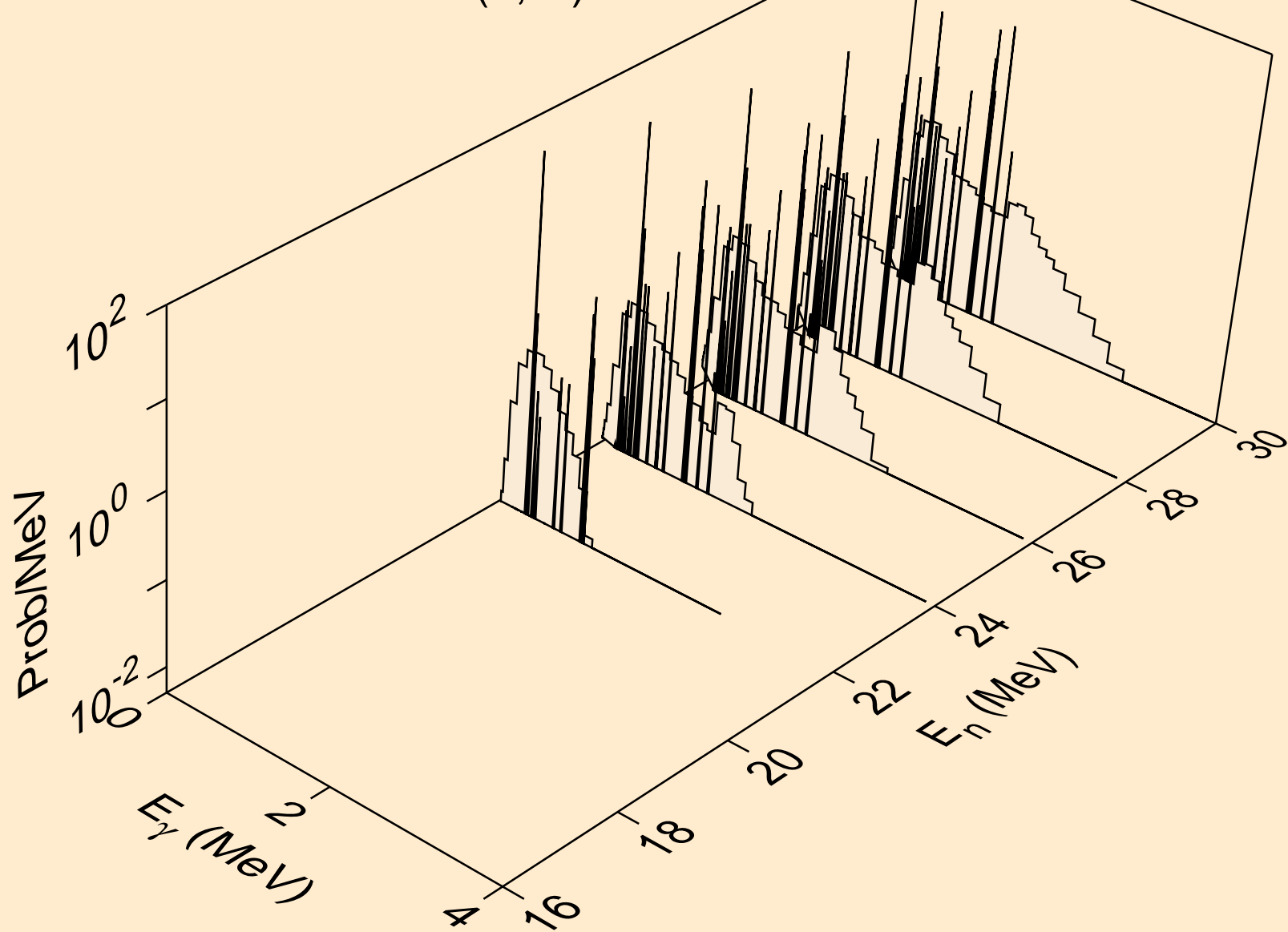
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



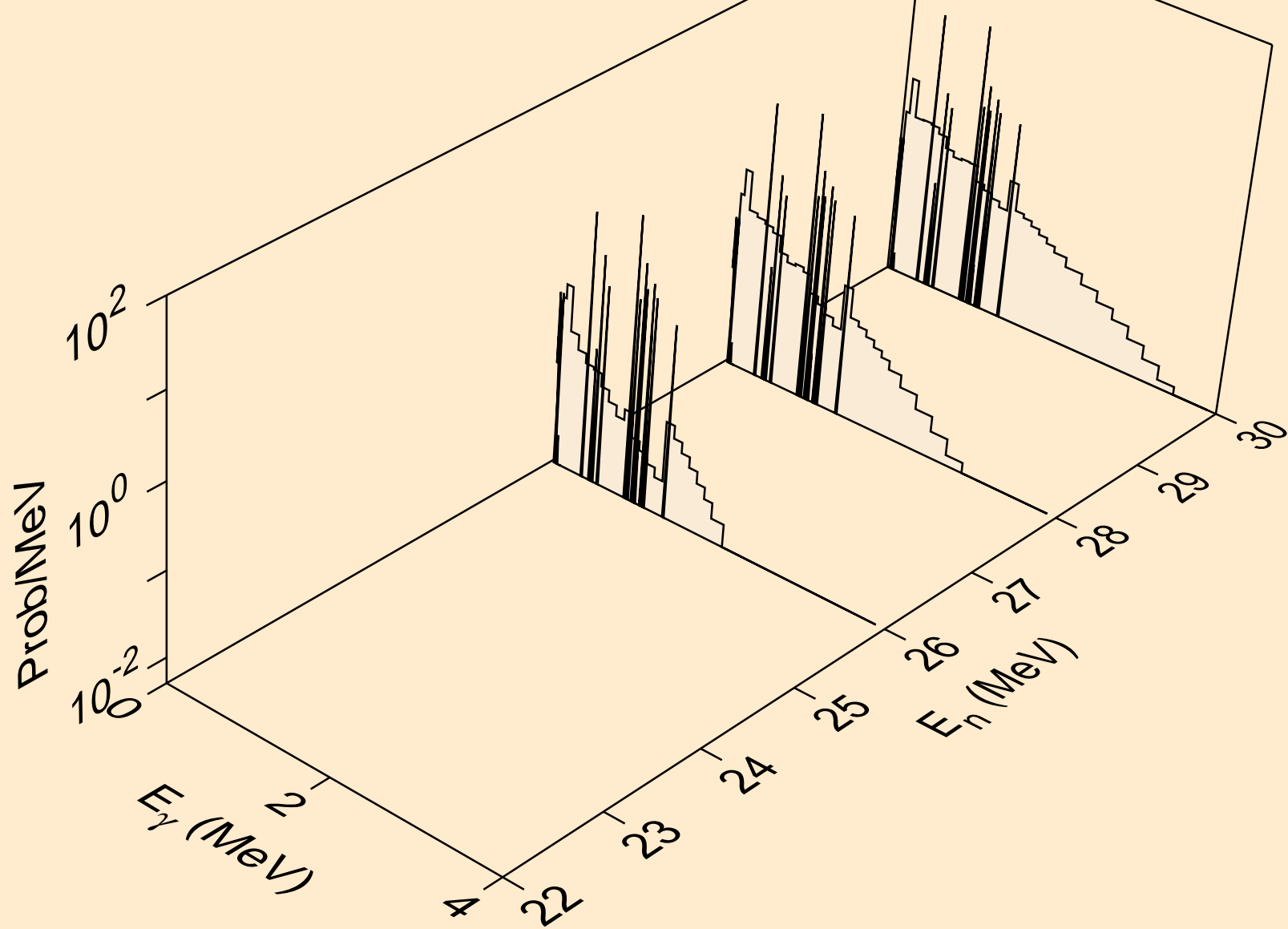
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Photon emission for (n,n\*)t



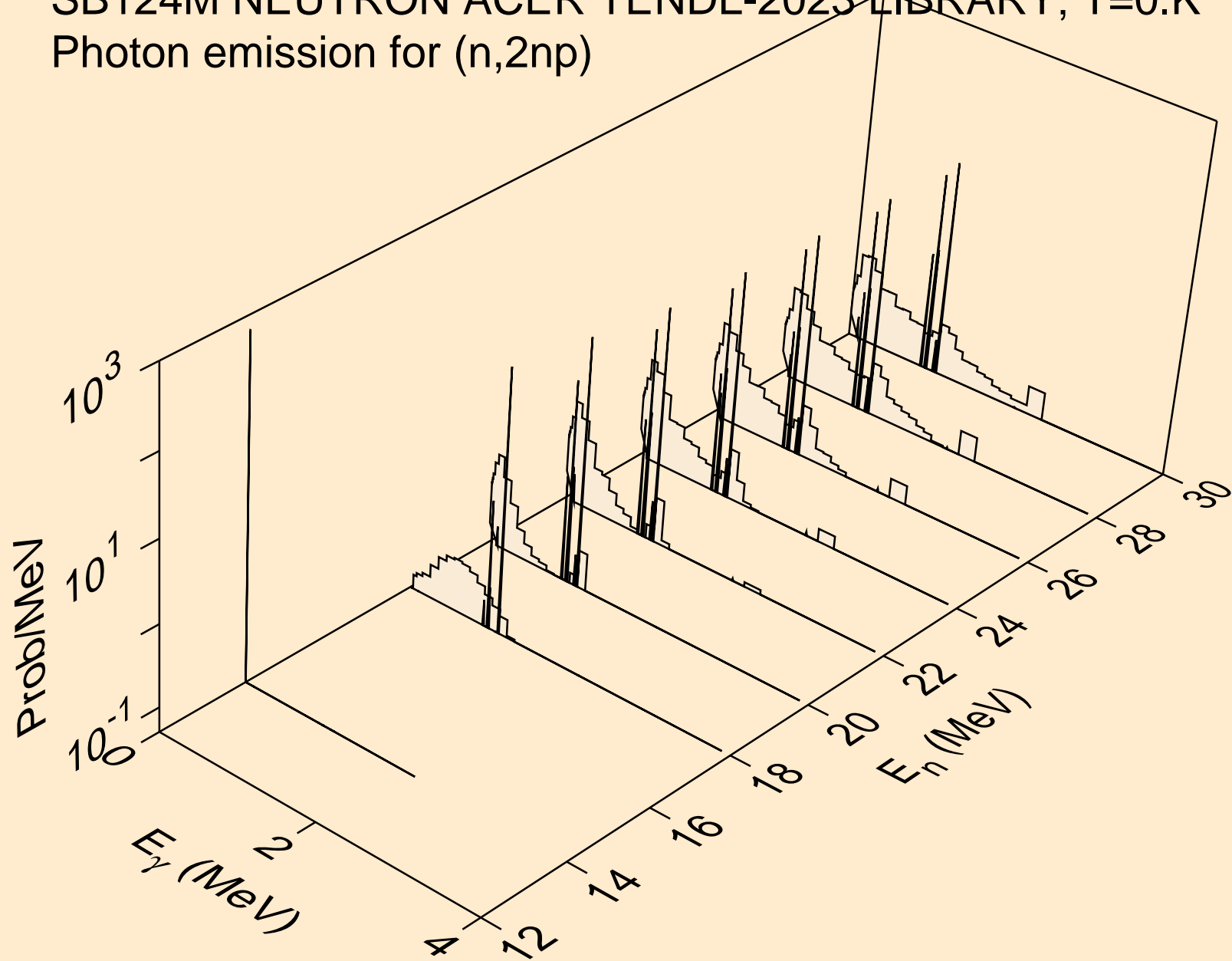
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

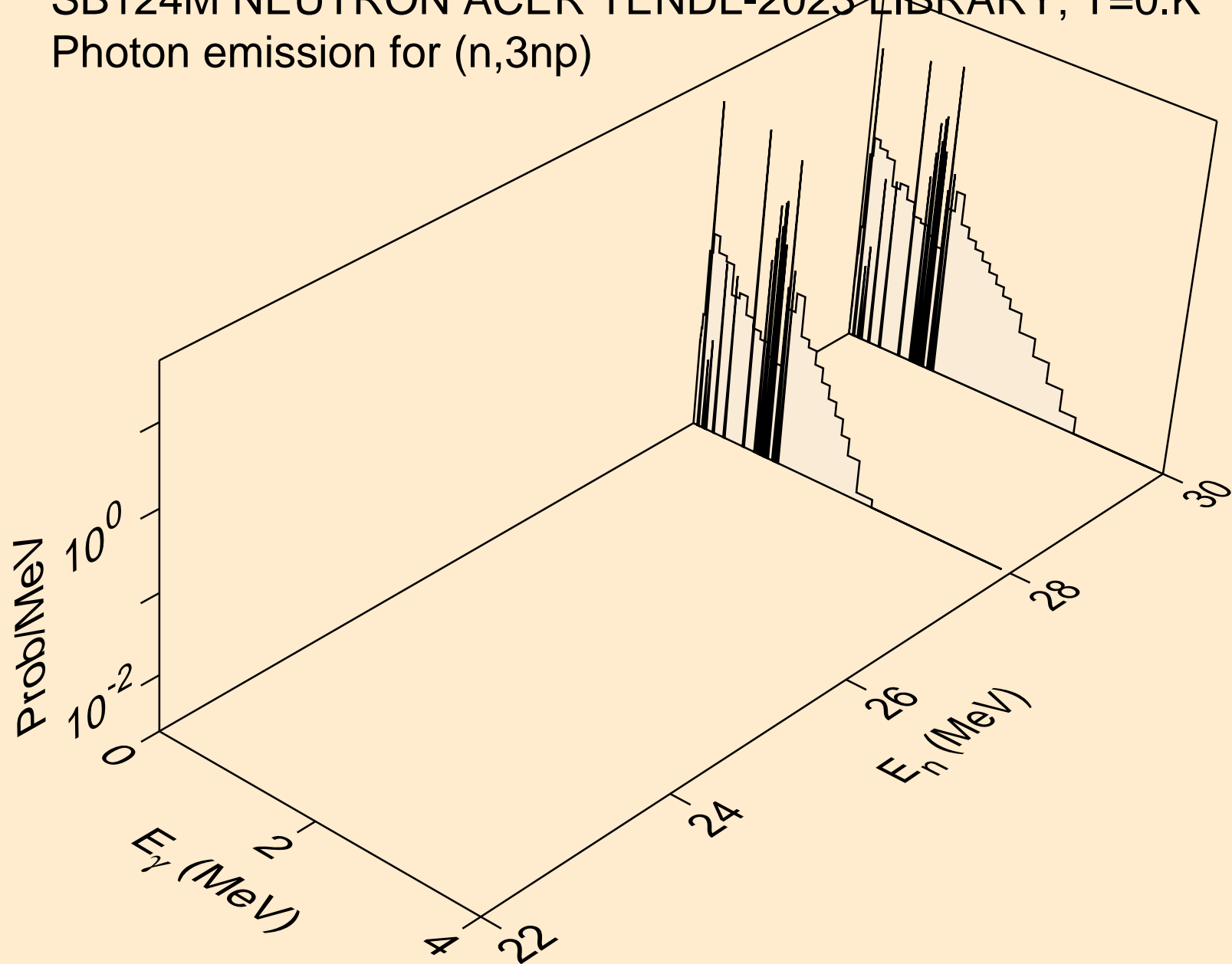


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

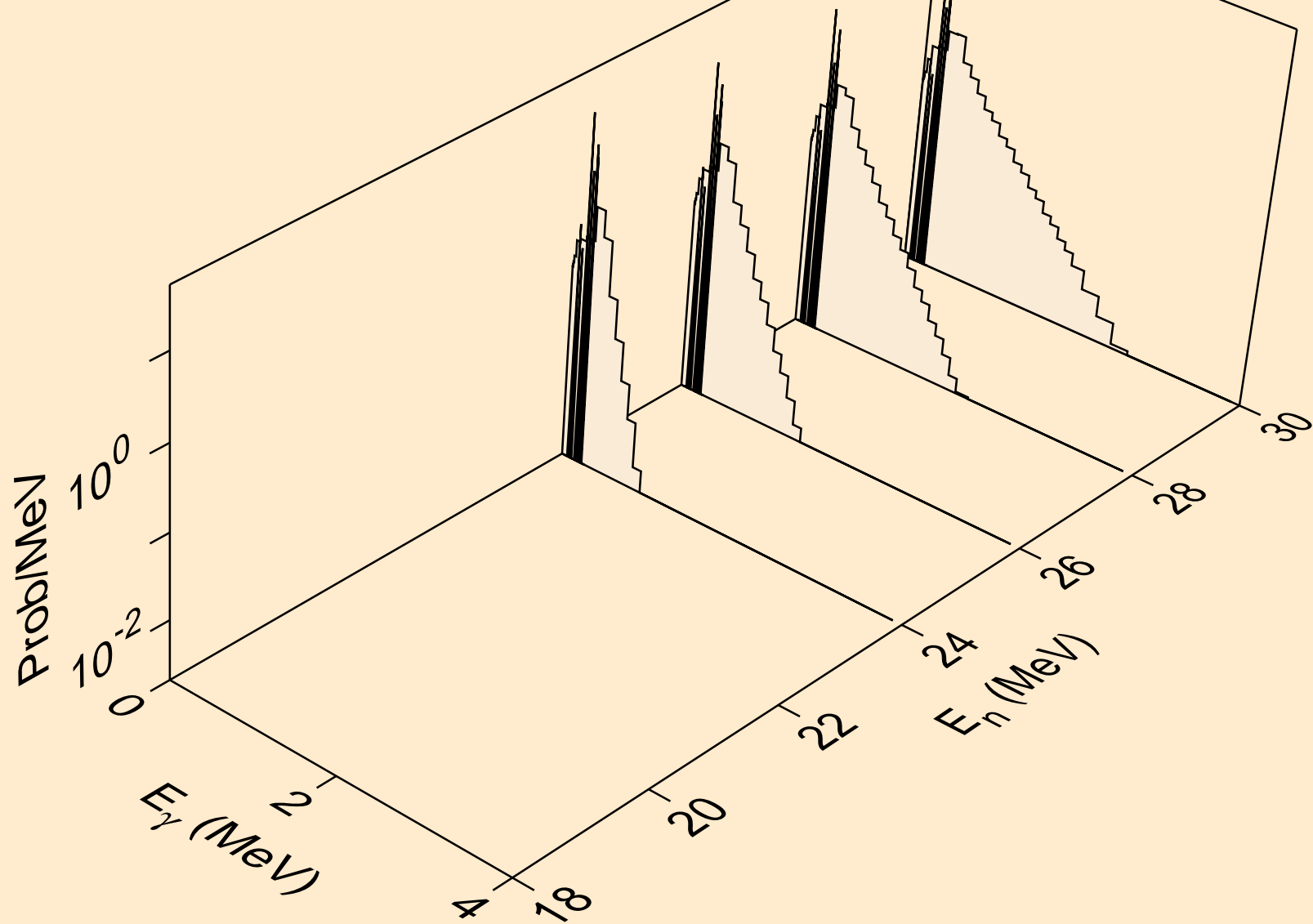




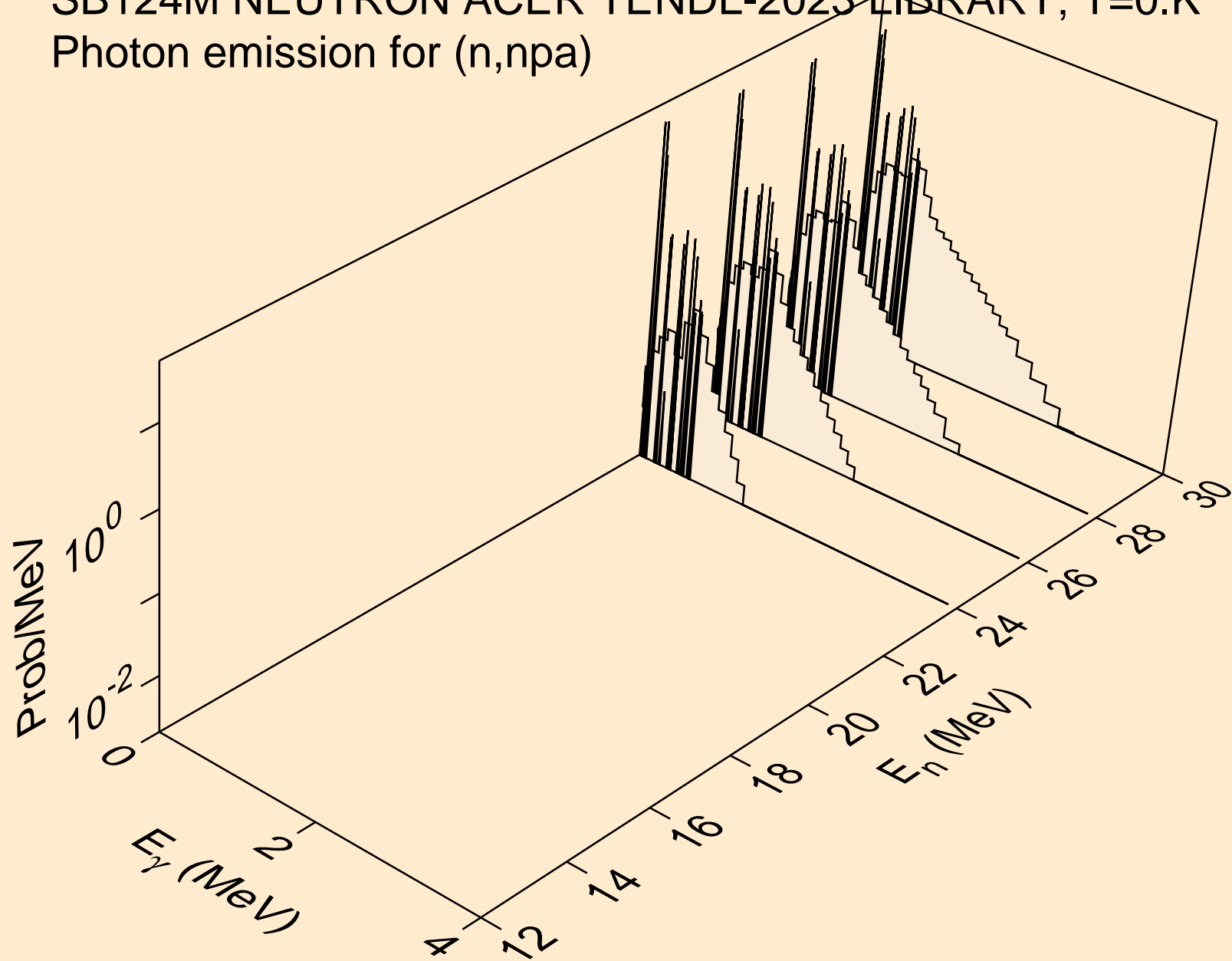
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Photon emission for (n,3np)



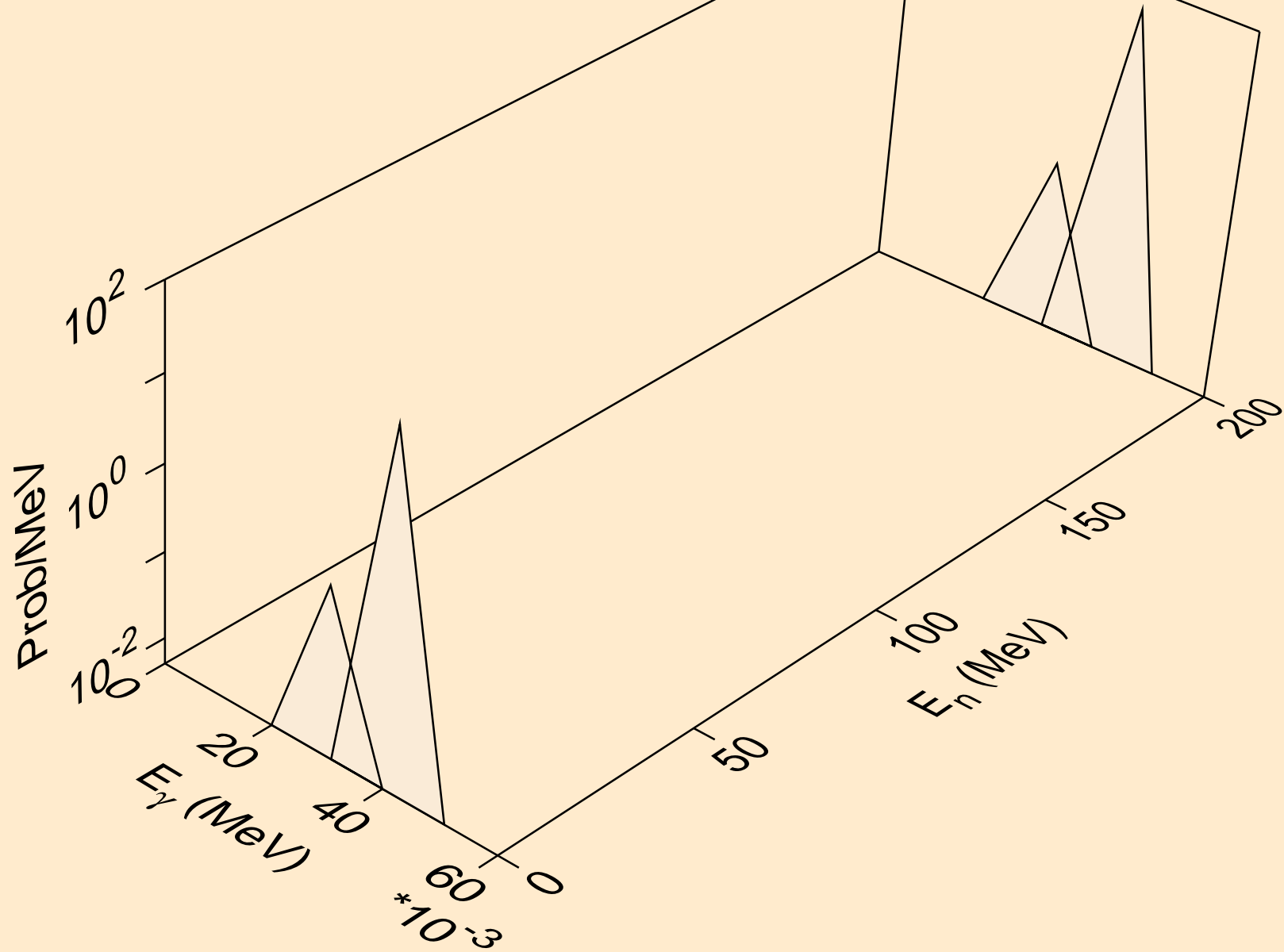
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Photon emission for (n,n2p)



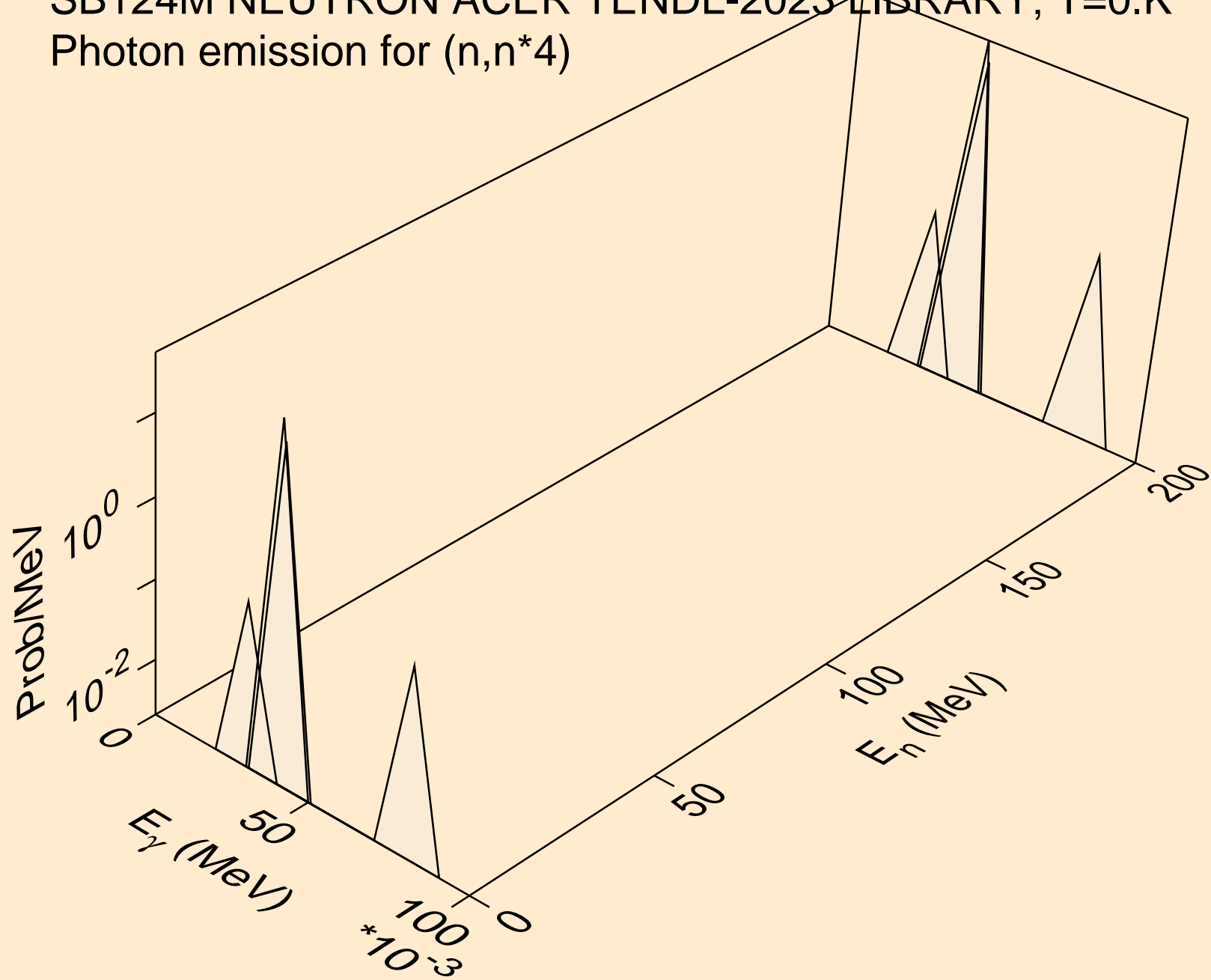
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Photon emission for (n,npa)



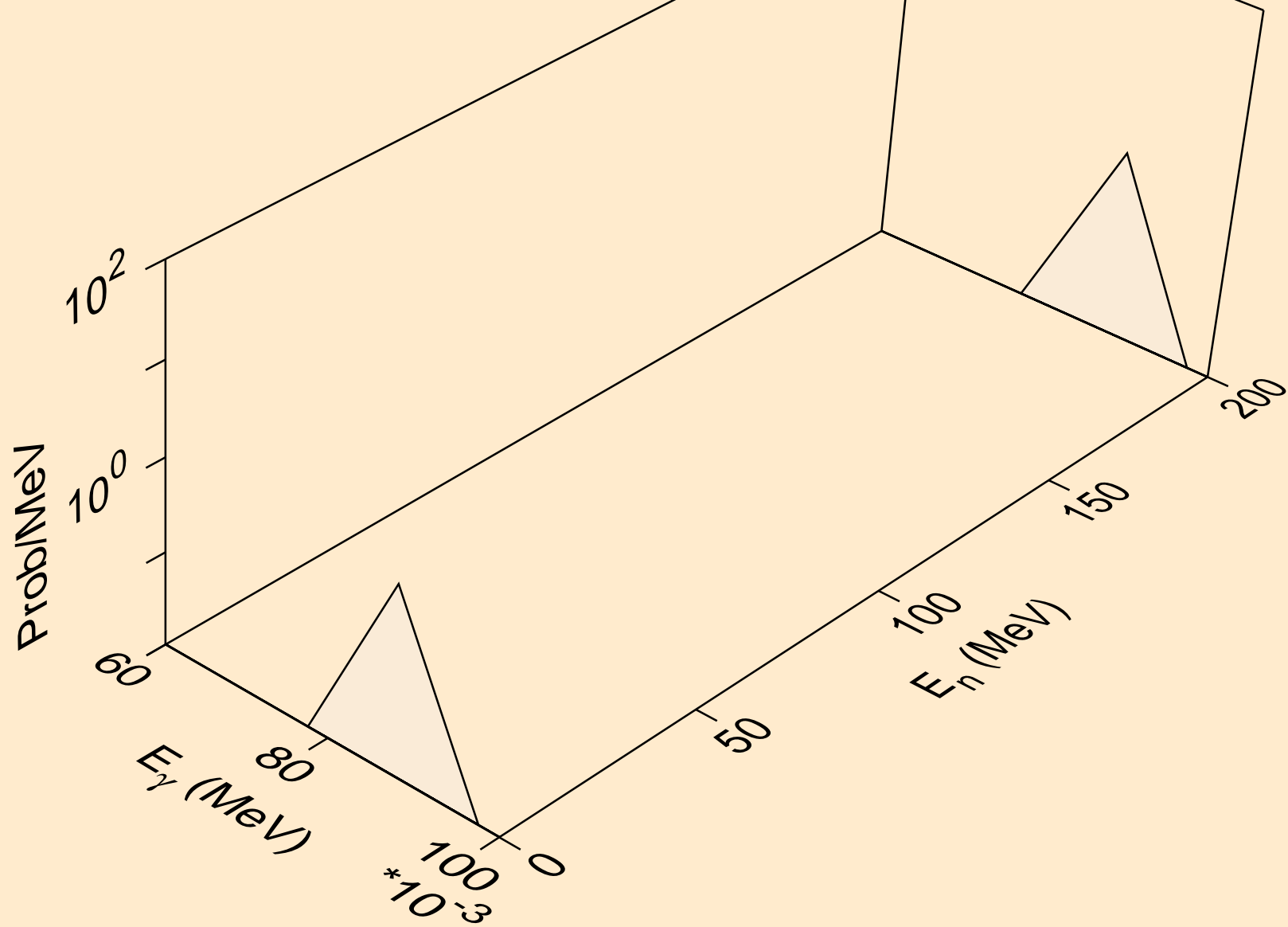
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Photon emission for (n,n\*3)



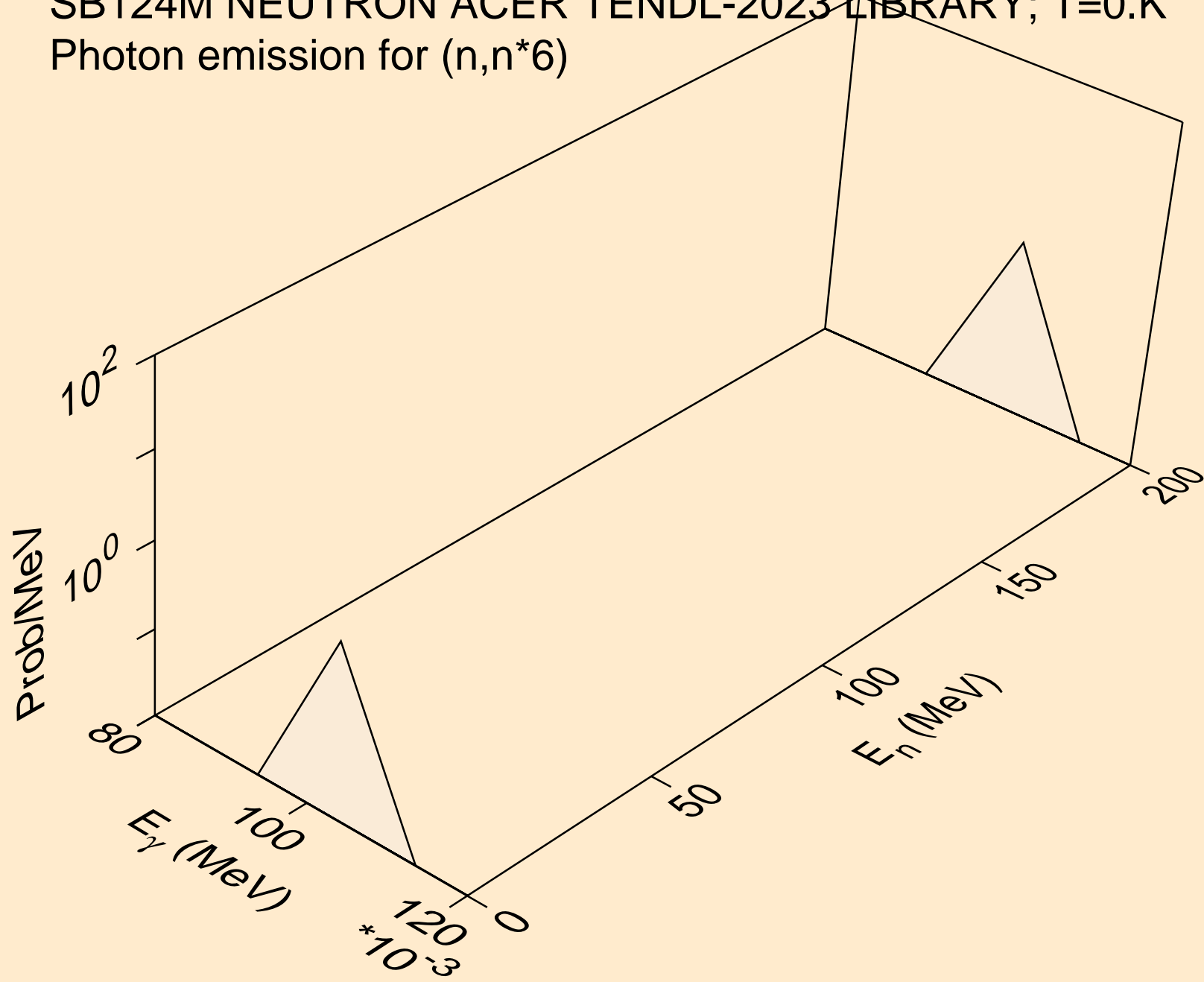
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Photon emission for (n,n\*4)



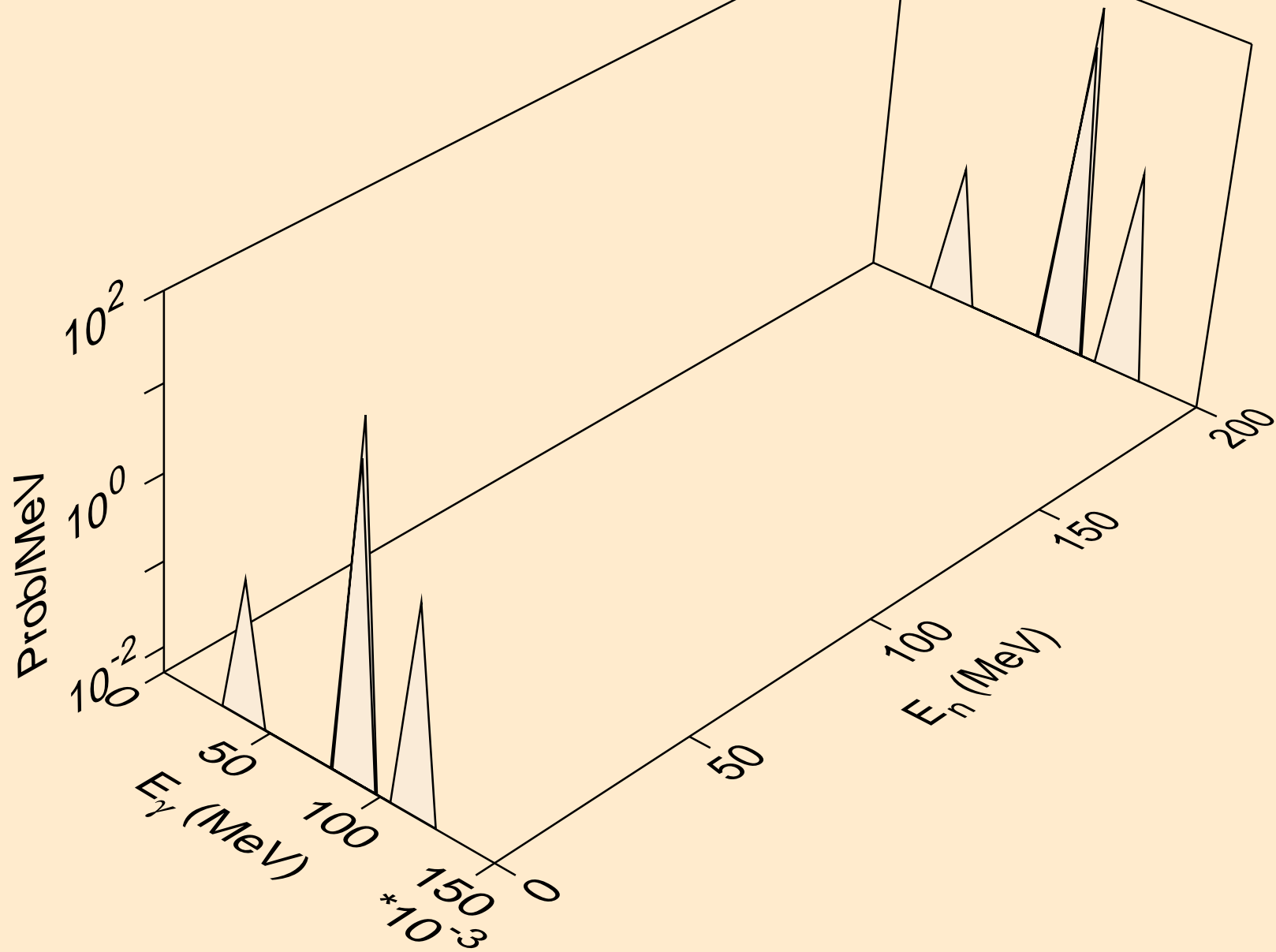
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

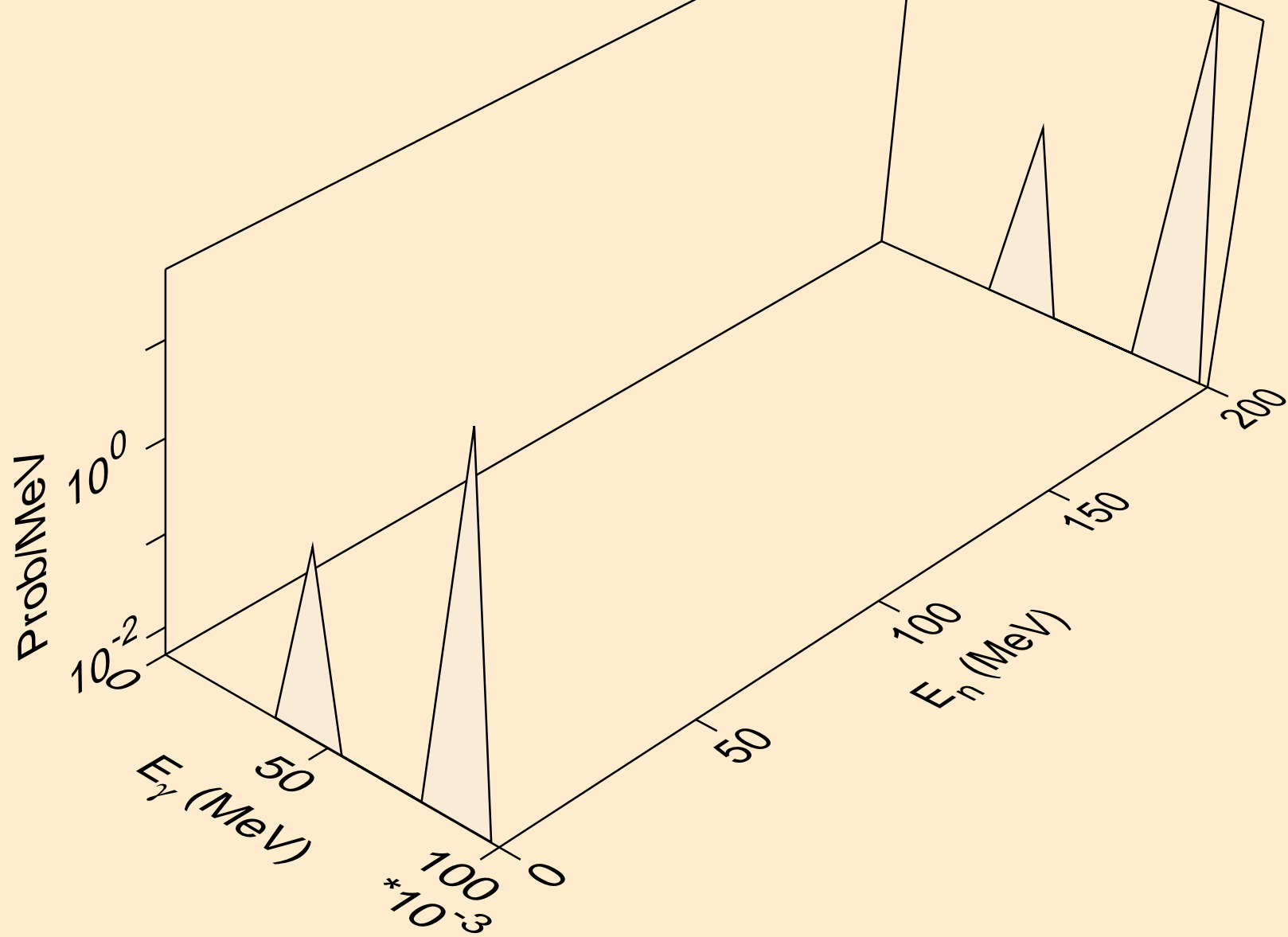


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

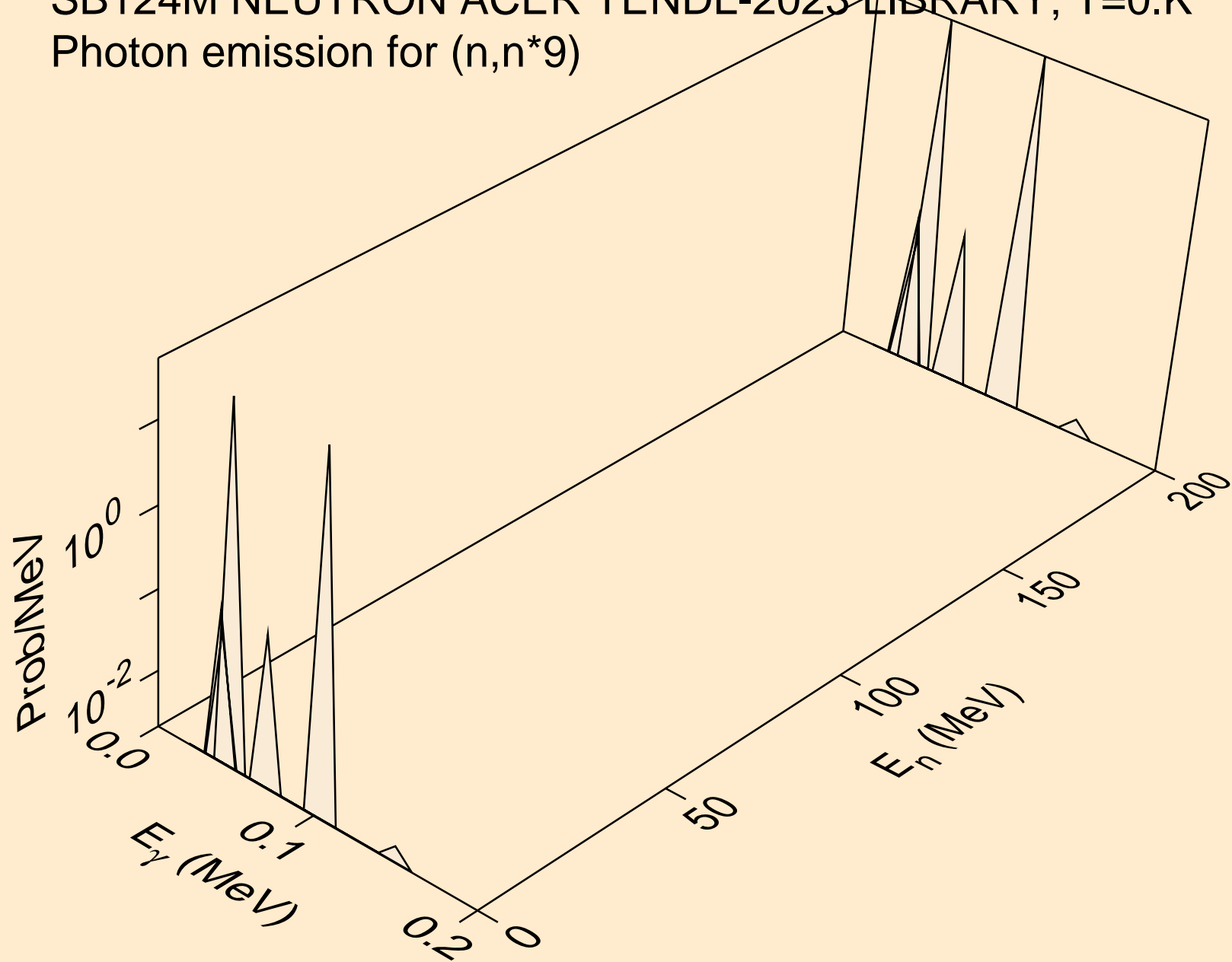




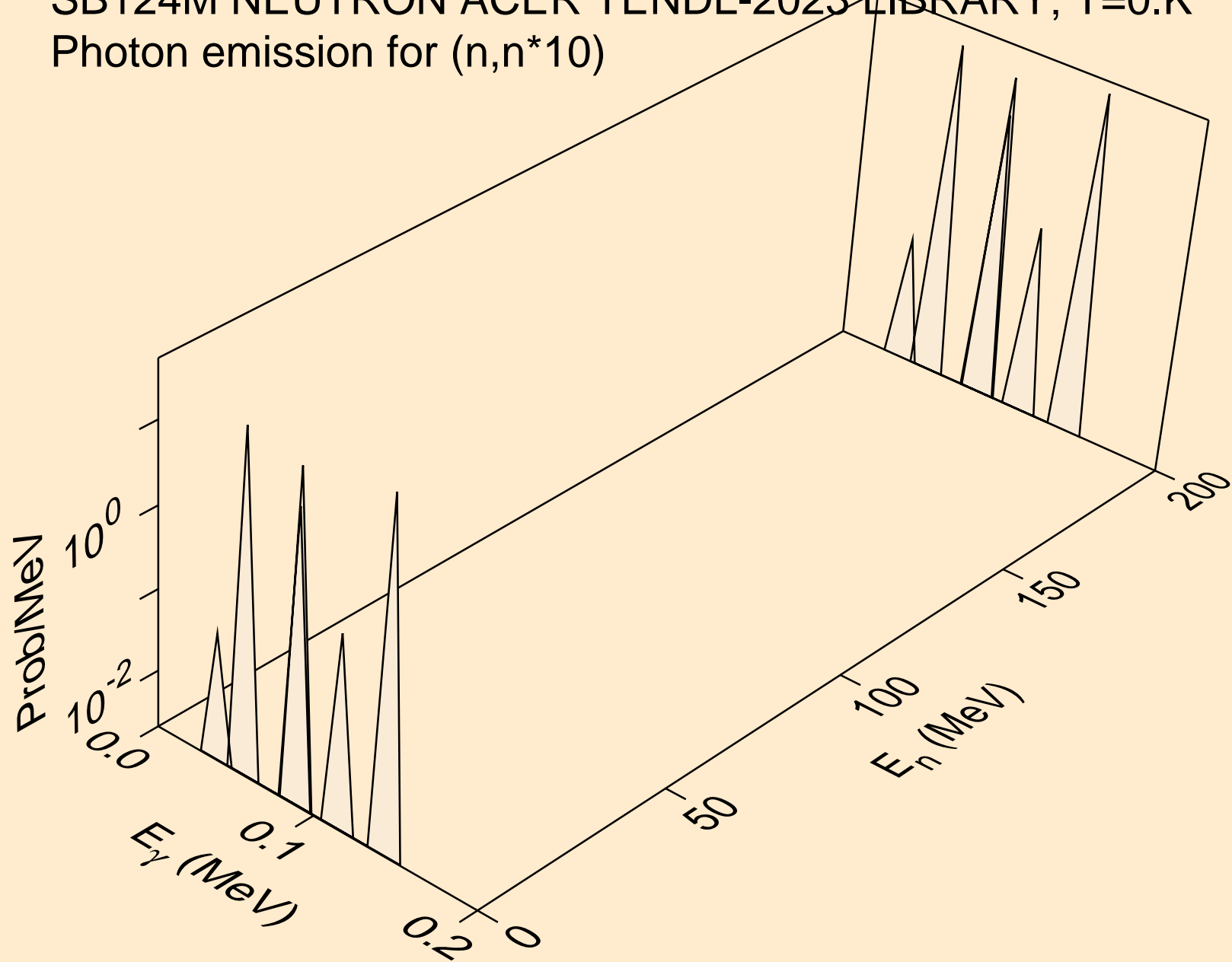
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Photon emission for (n,n\*8)



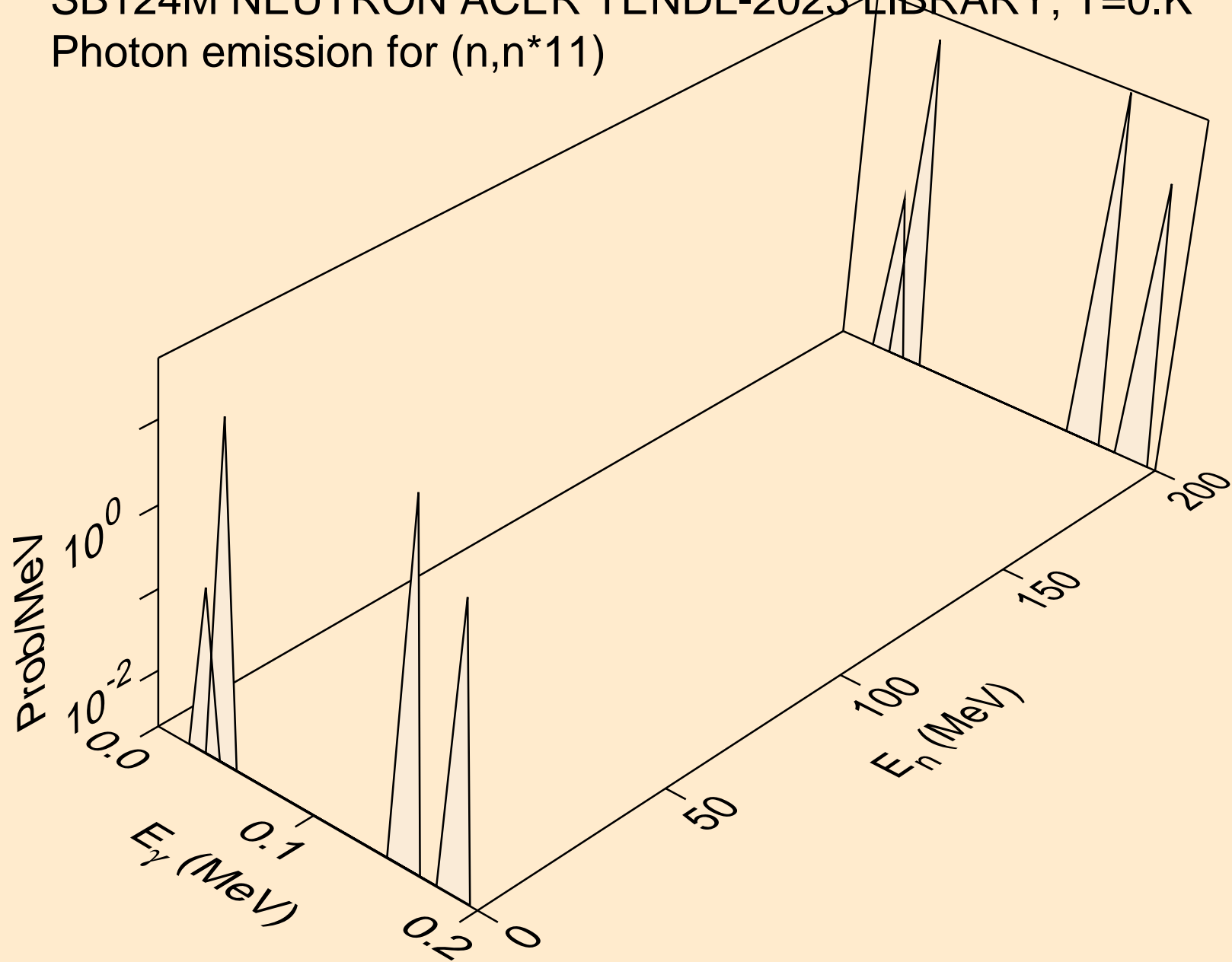
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Photon emission for (n,n\*9)



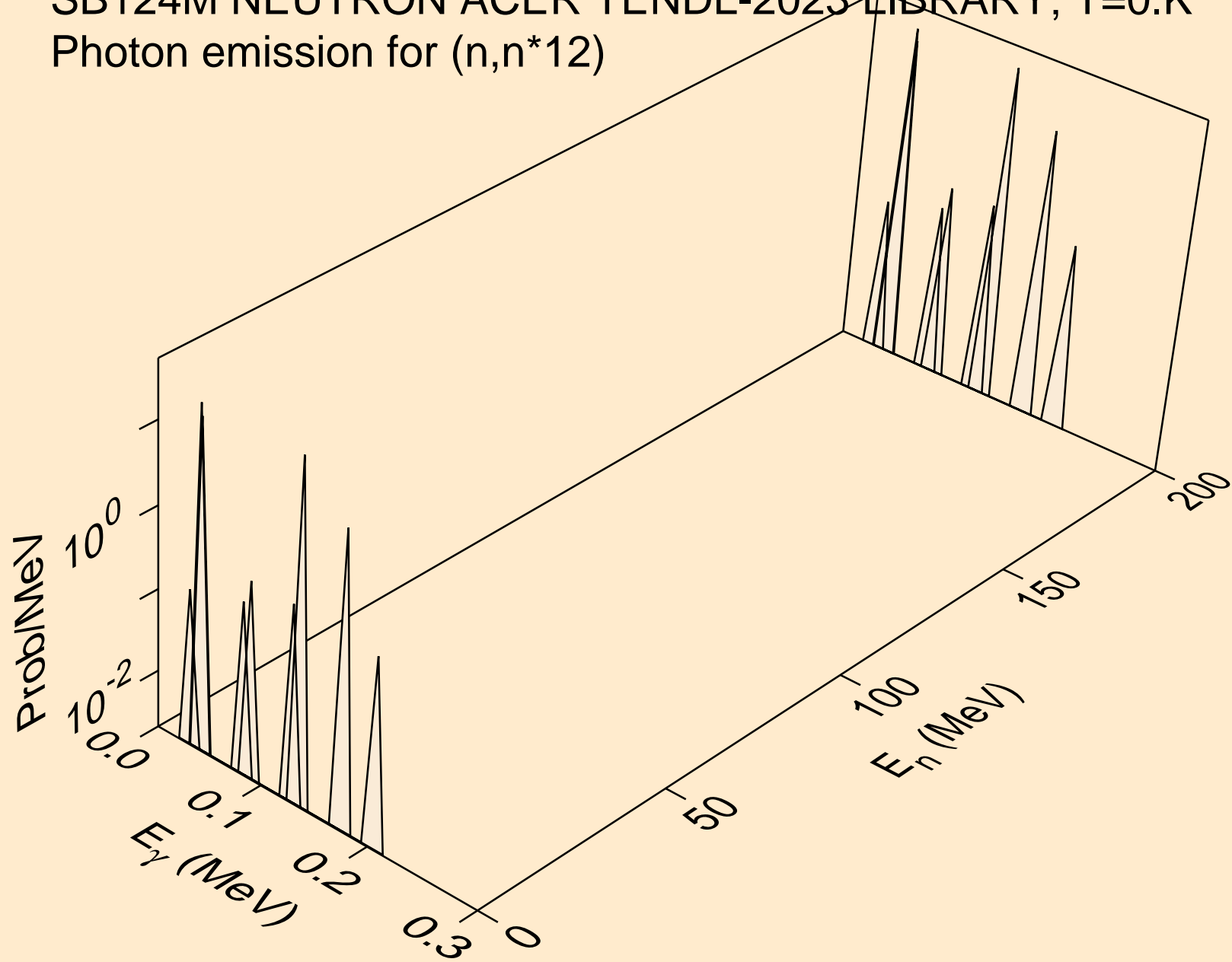
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Photon emission for (n,n\*10)



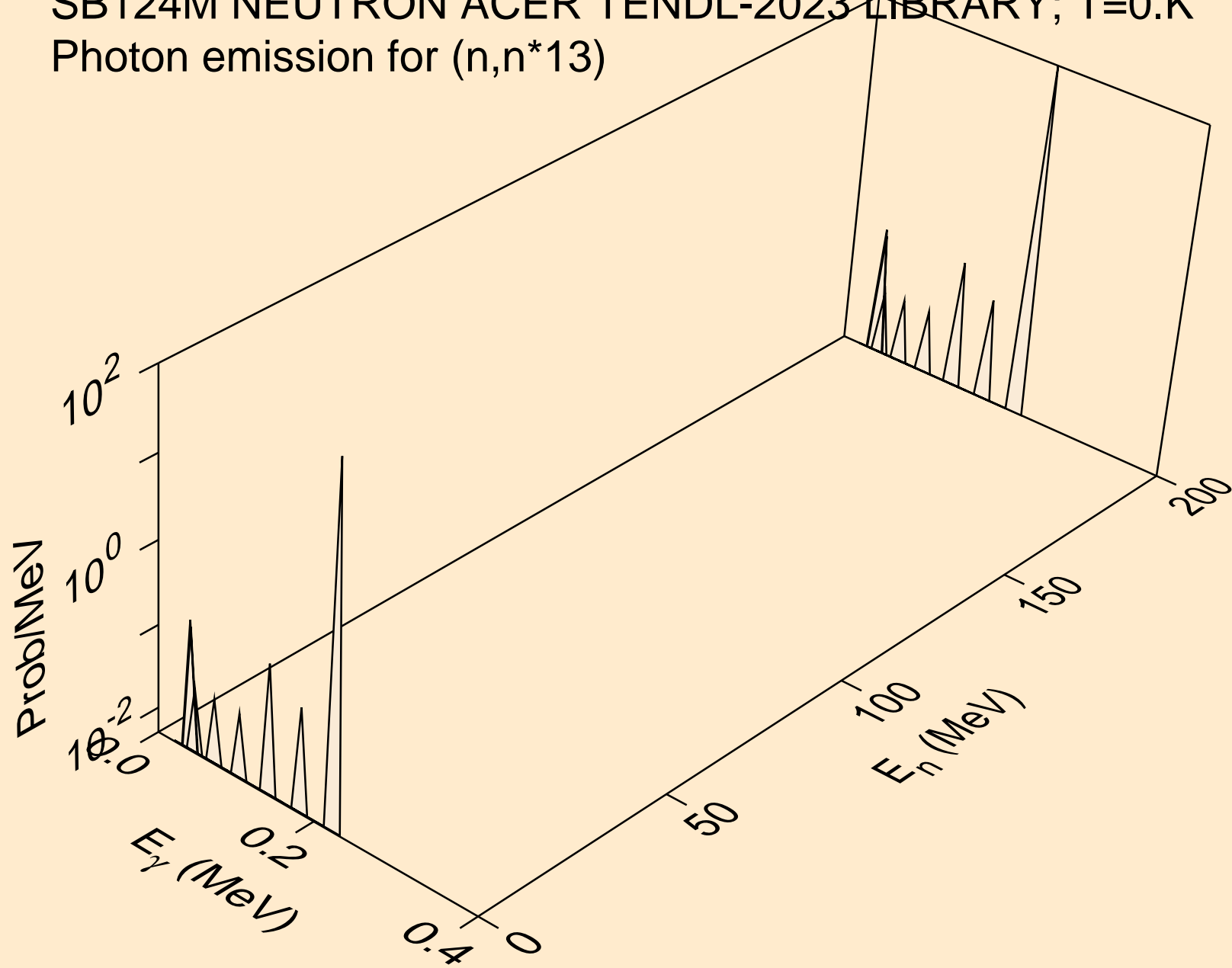
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Photon emission for (n,n\*11)



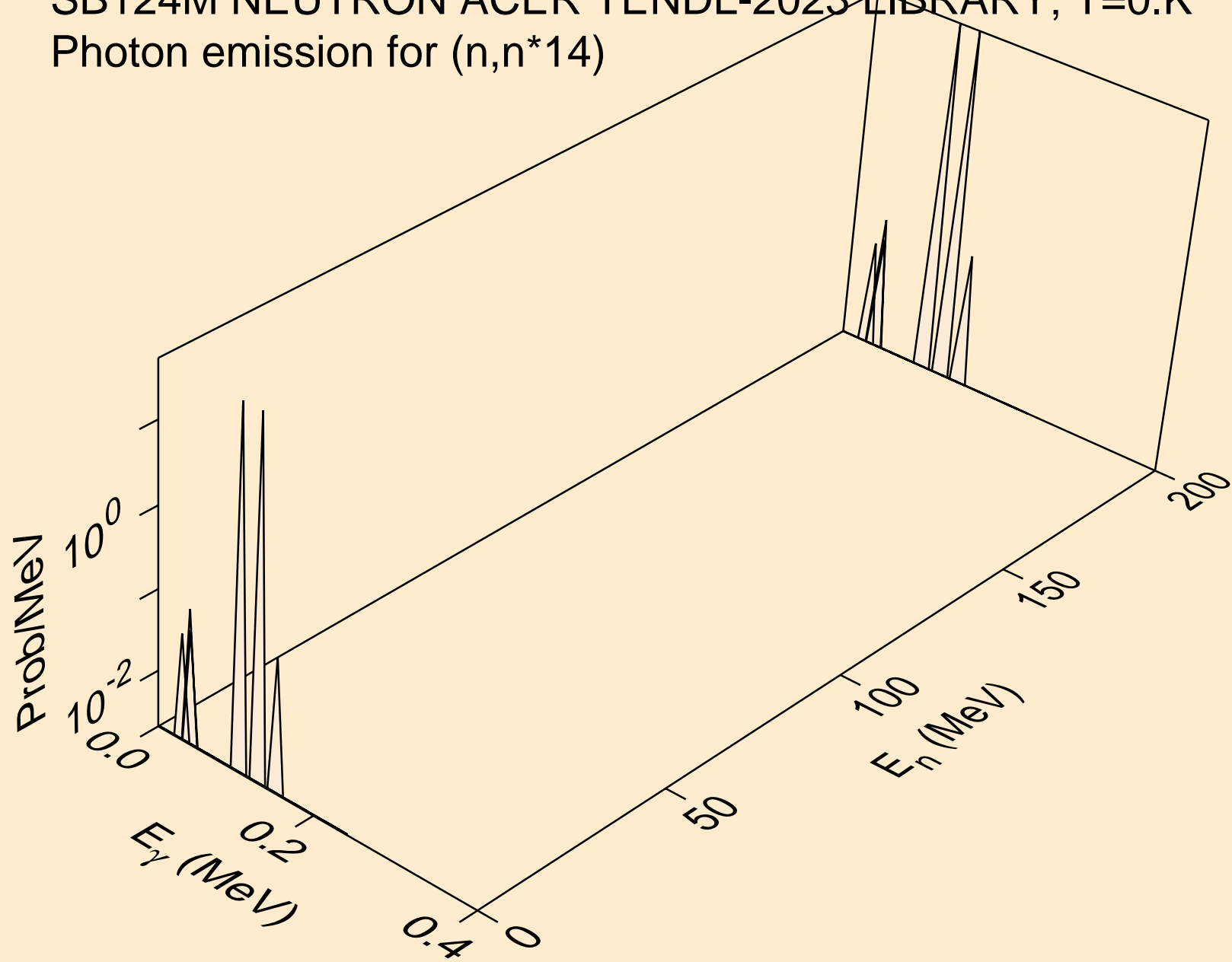
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Photon emission for (n,n\*12)



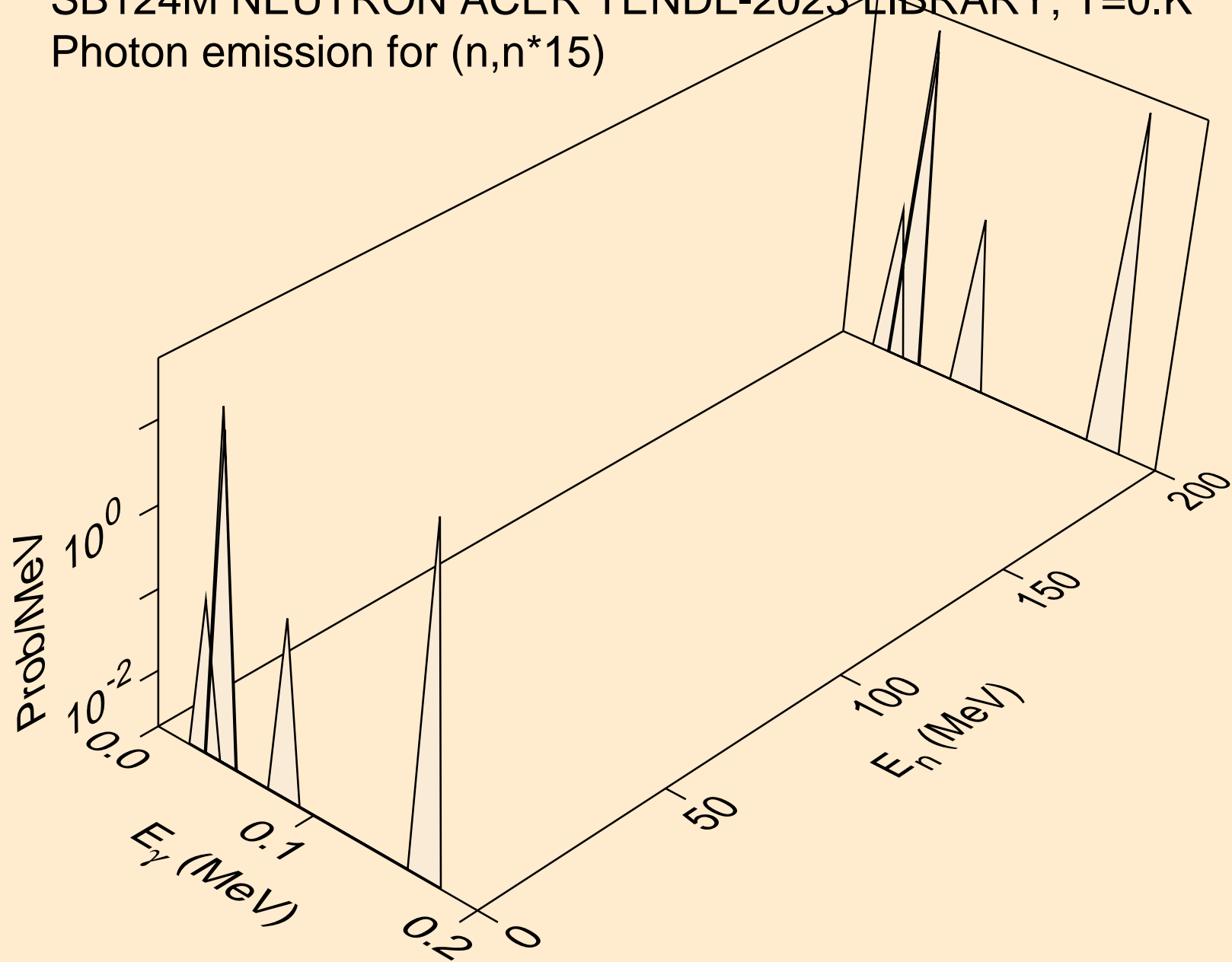
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*13)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*14)

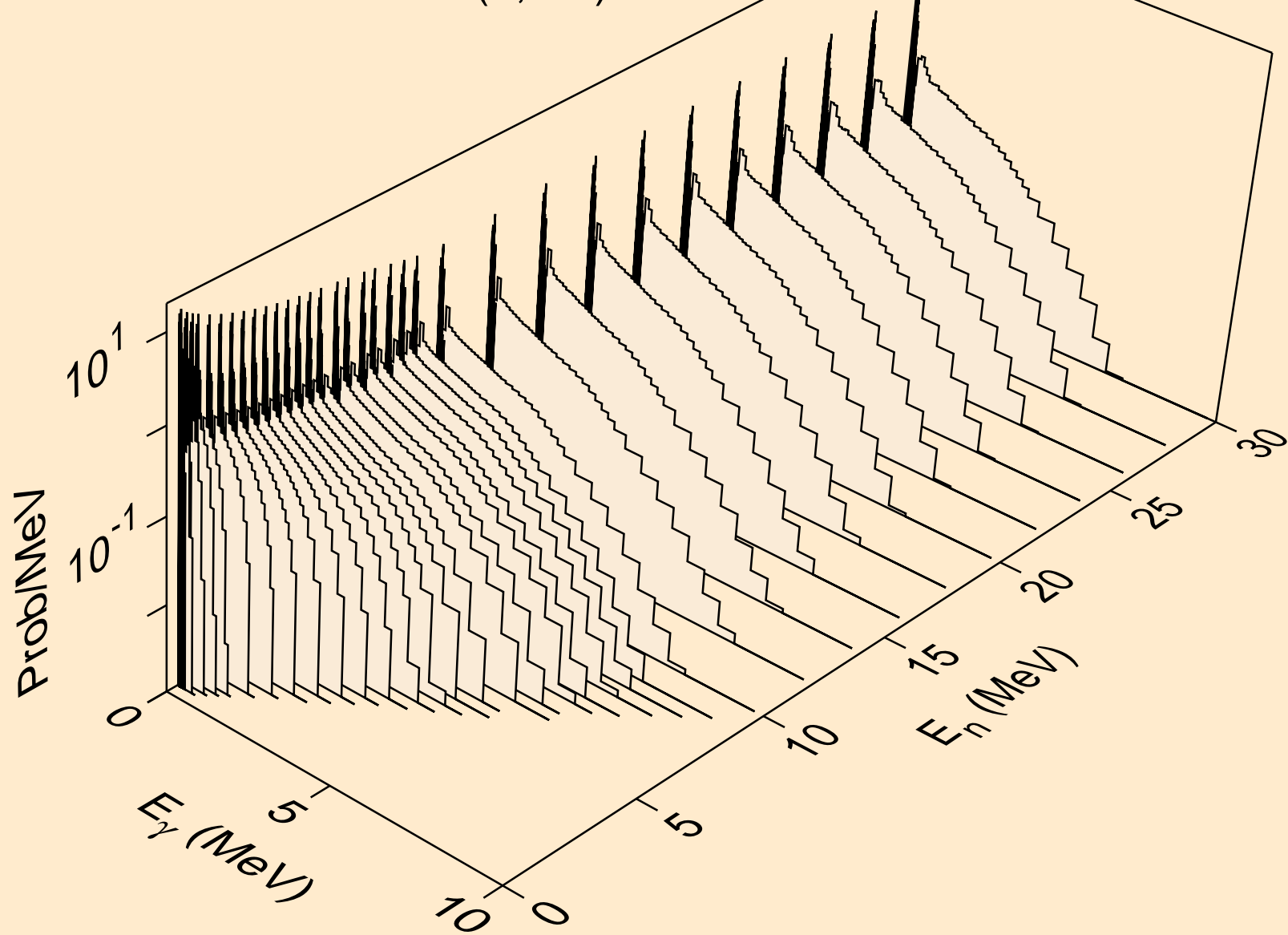


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Photon emission for (n,n\*15)

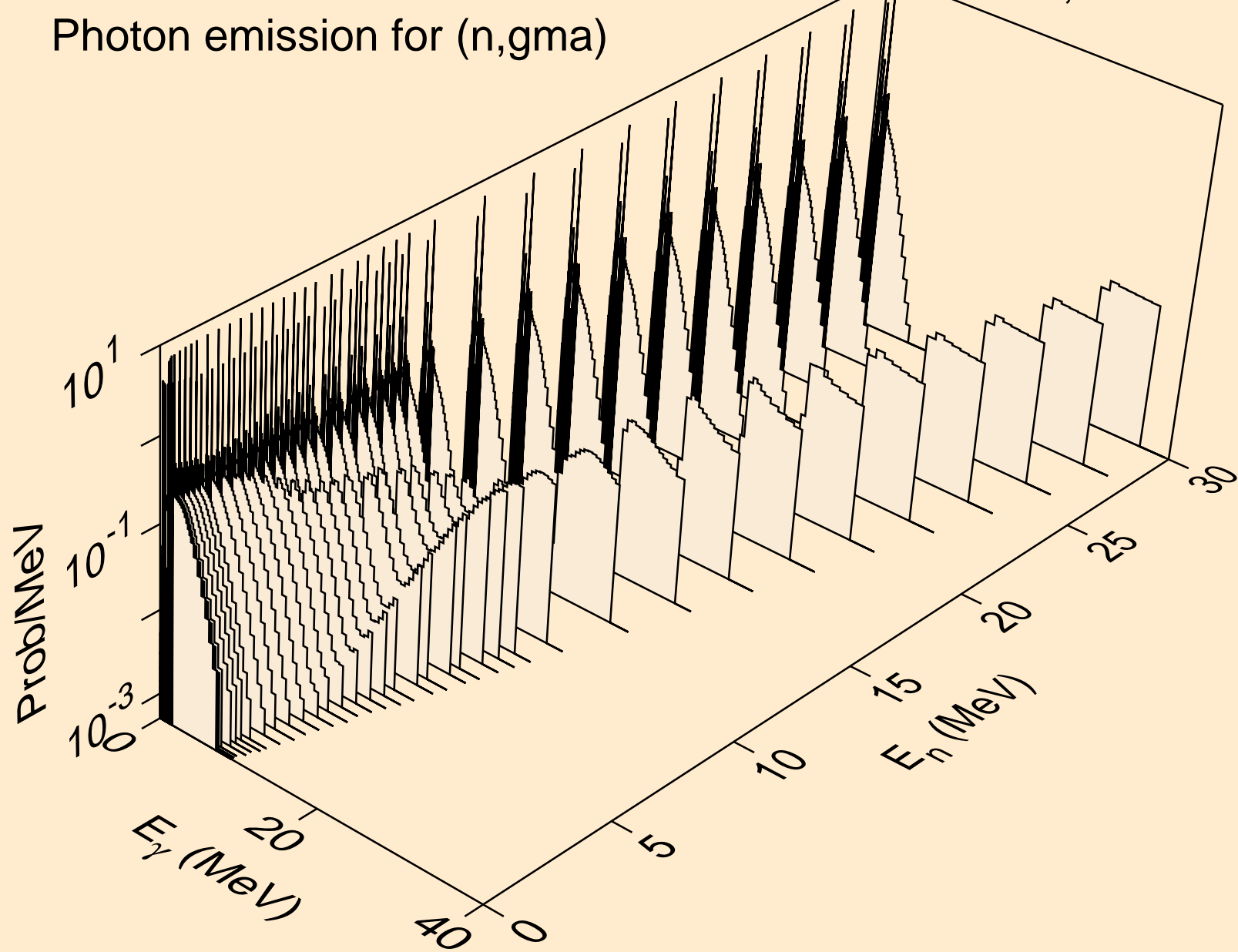




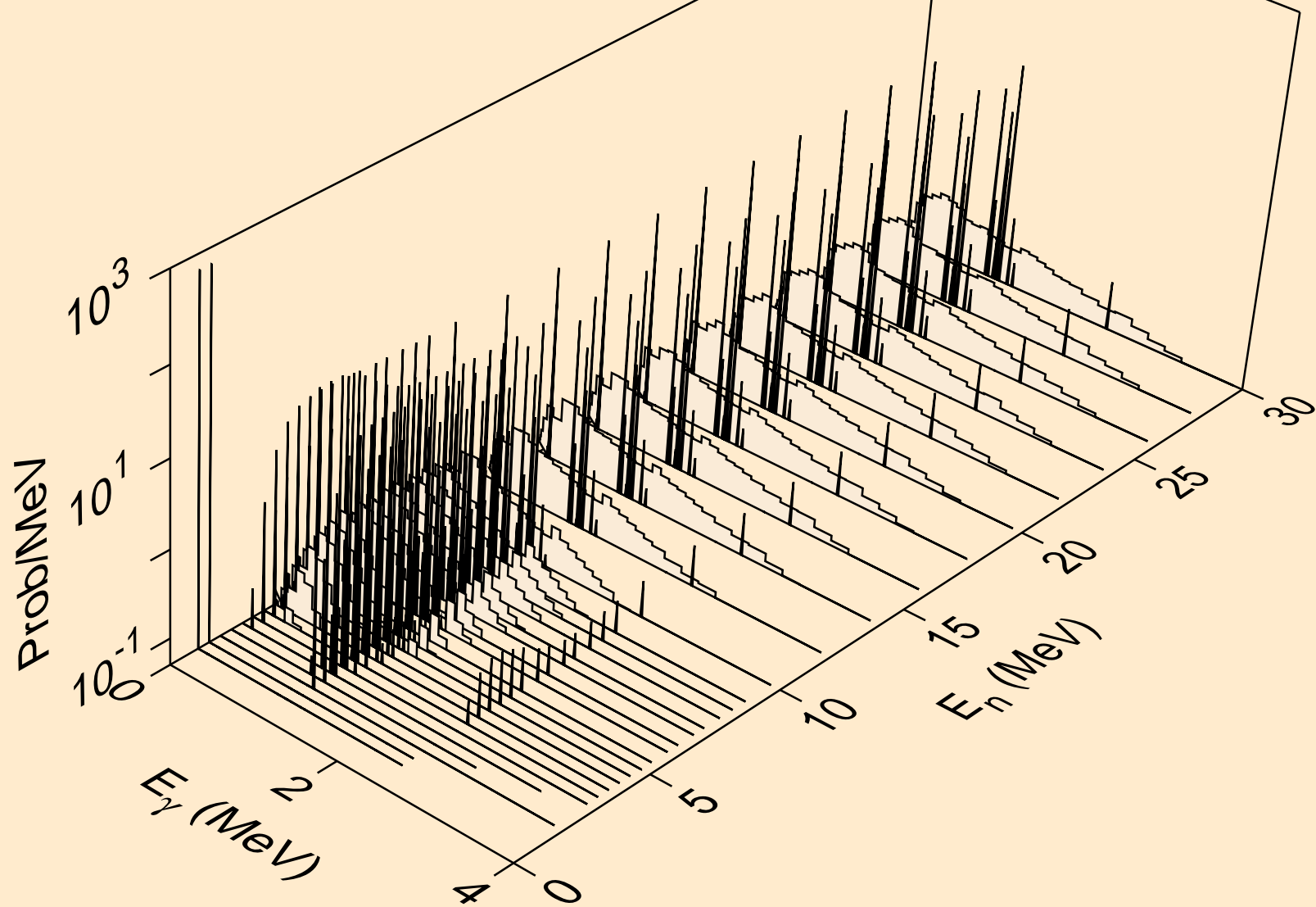
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Photon emission for (n,n\*c)



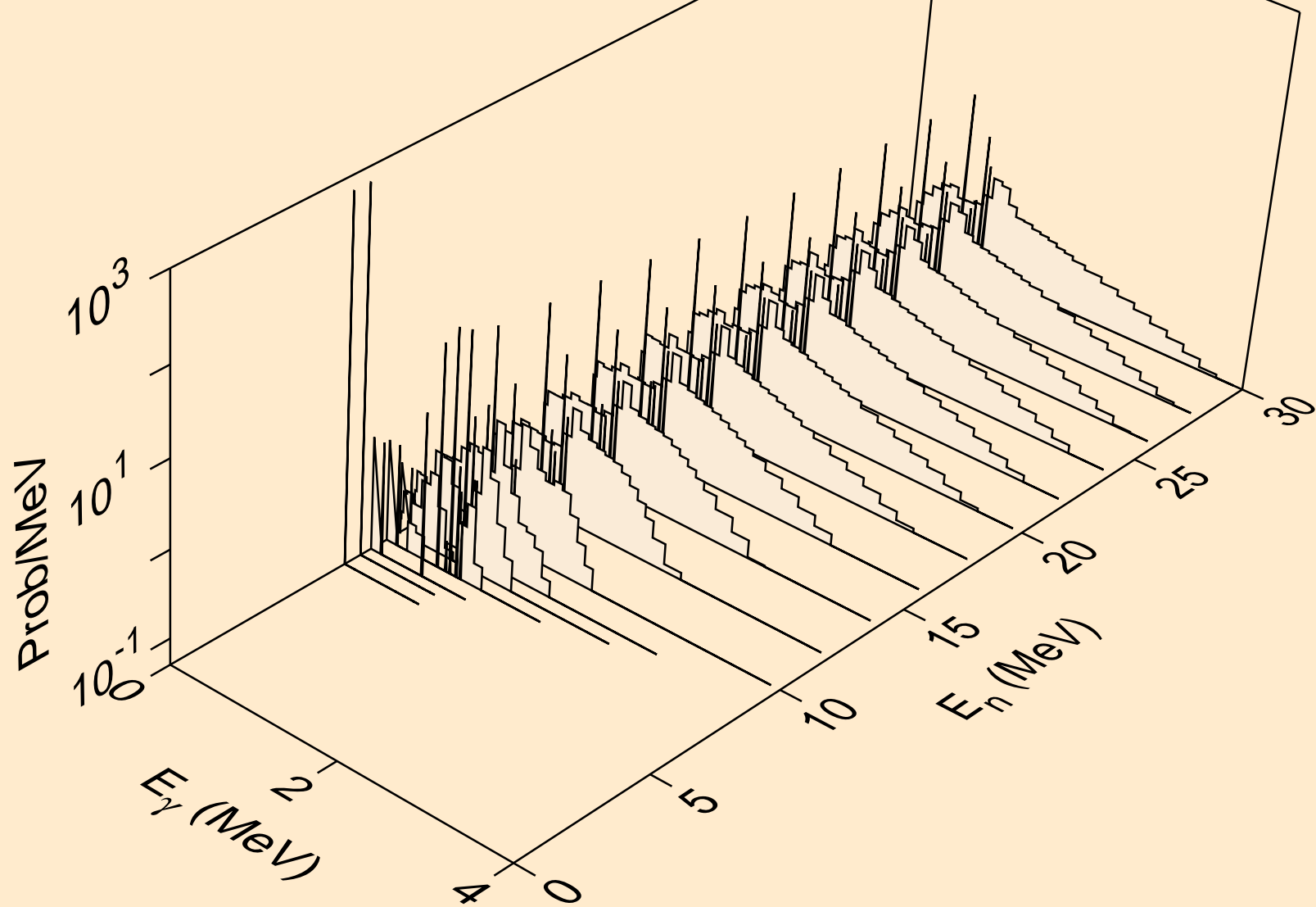
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Photon emission for (n,gma)



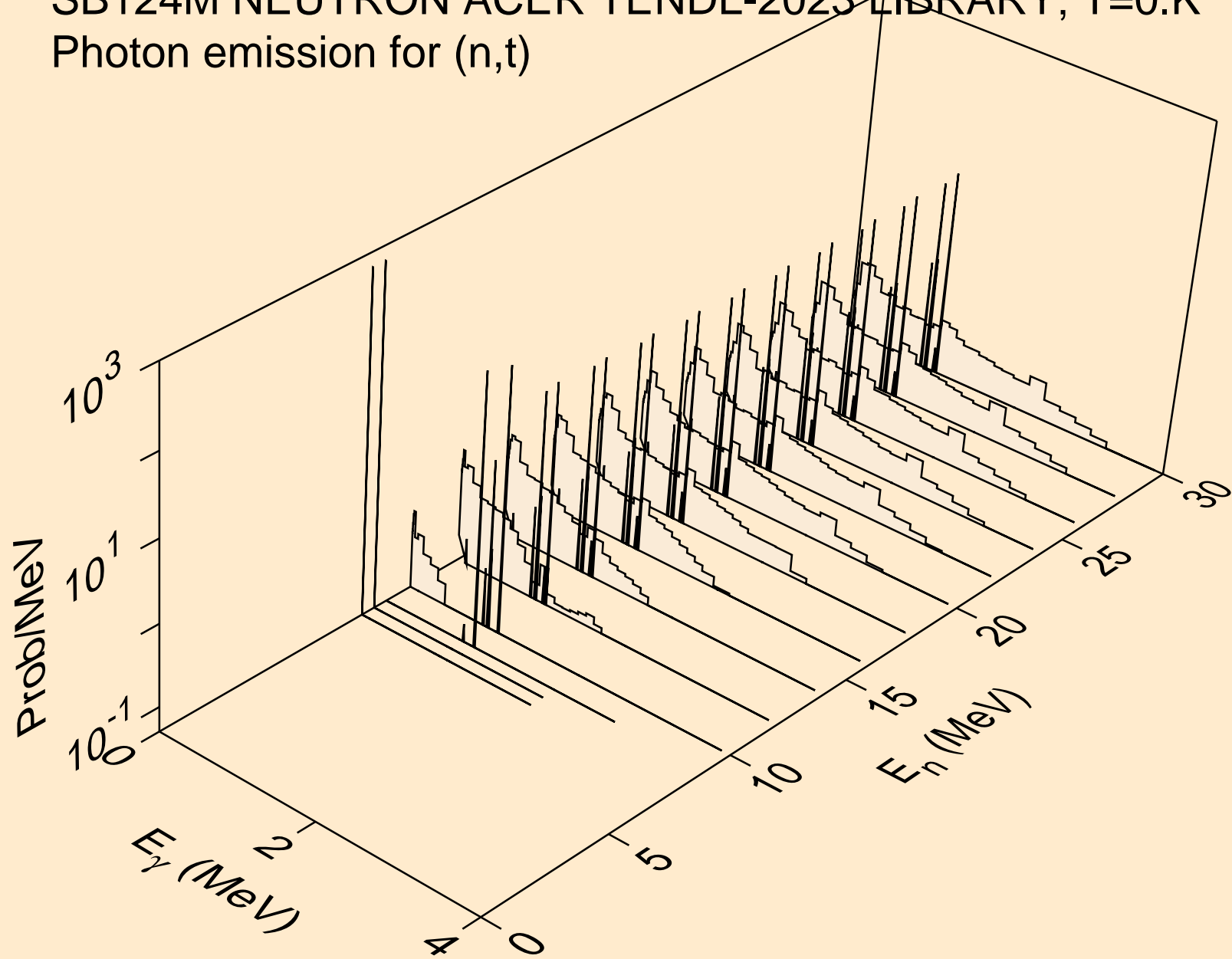
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Photon emission for (n,p)



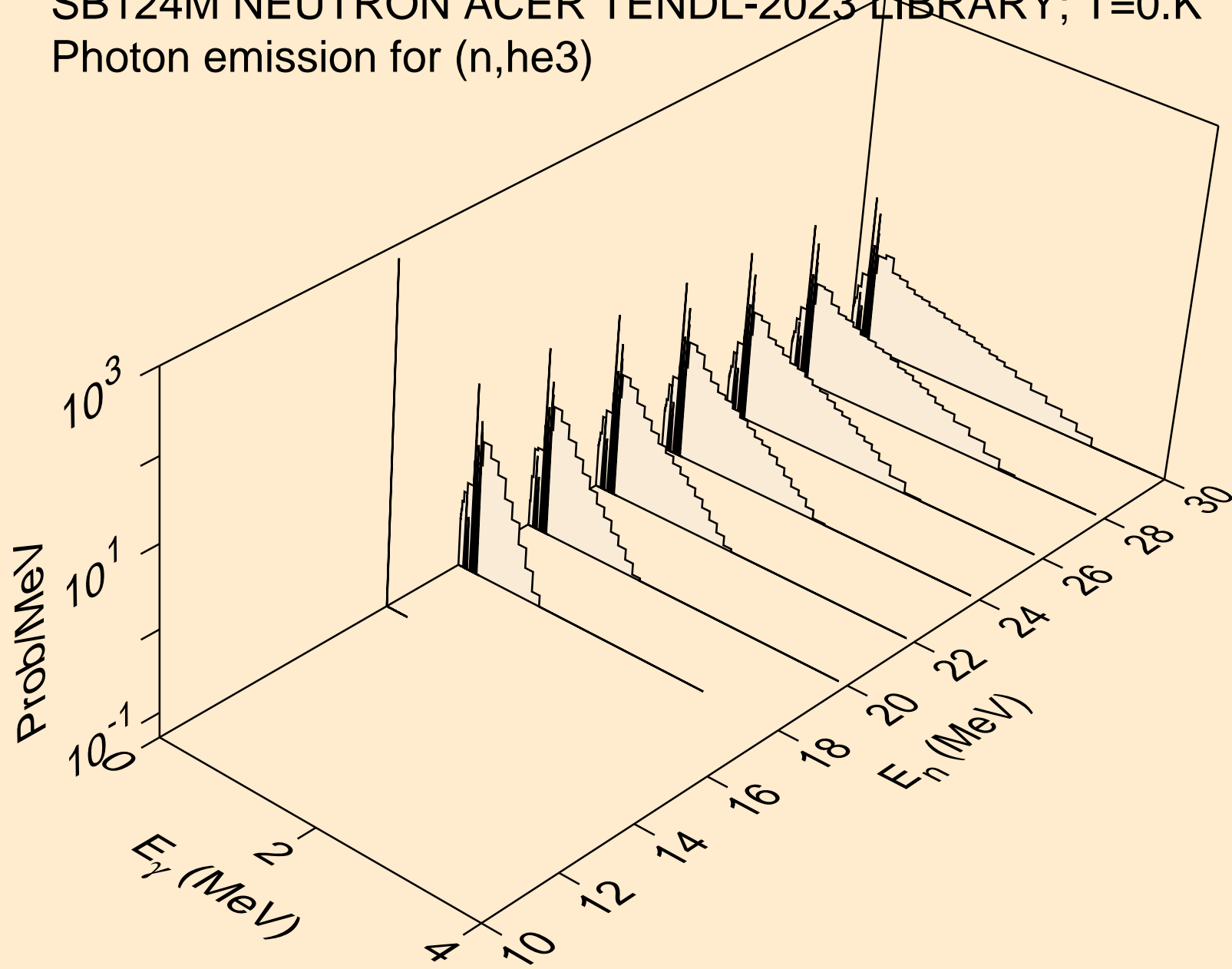
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Photon emission for (n,d)



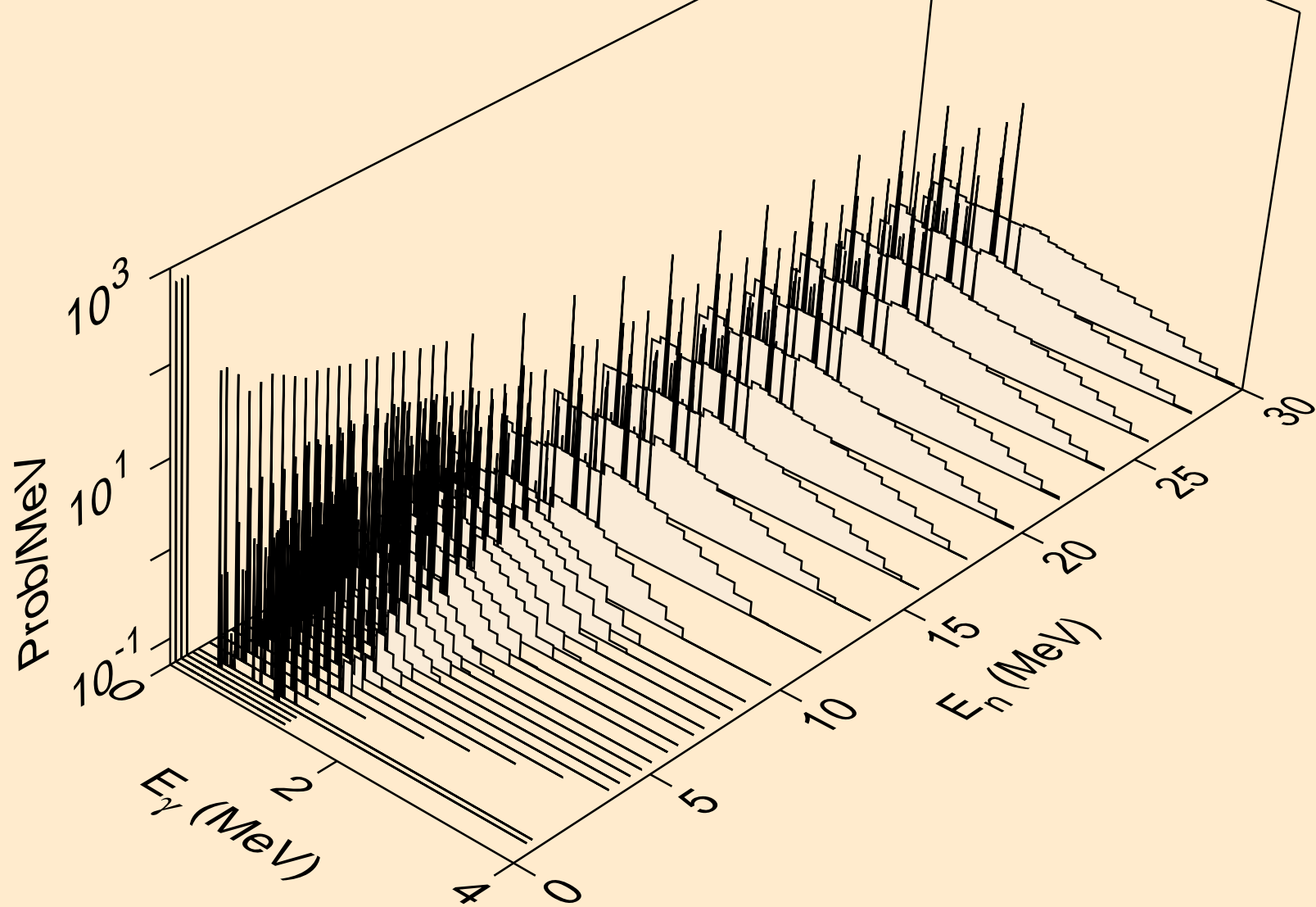
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Photon emission for (n,t)



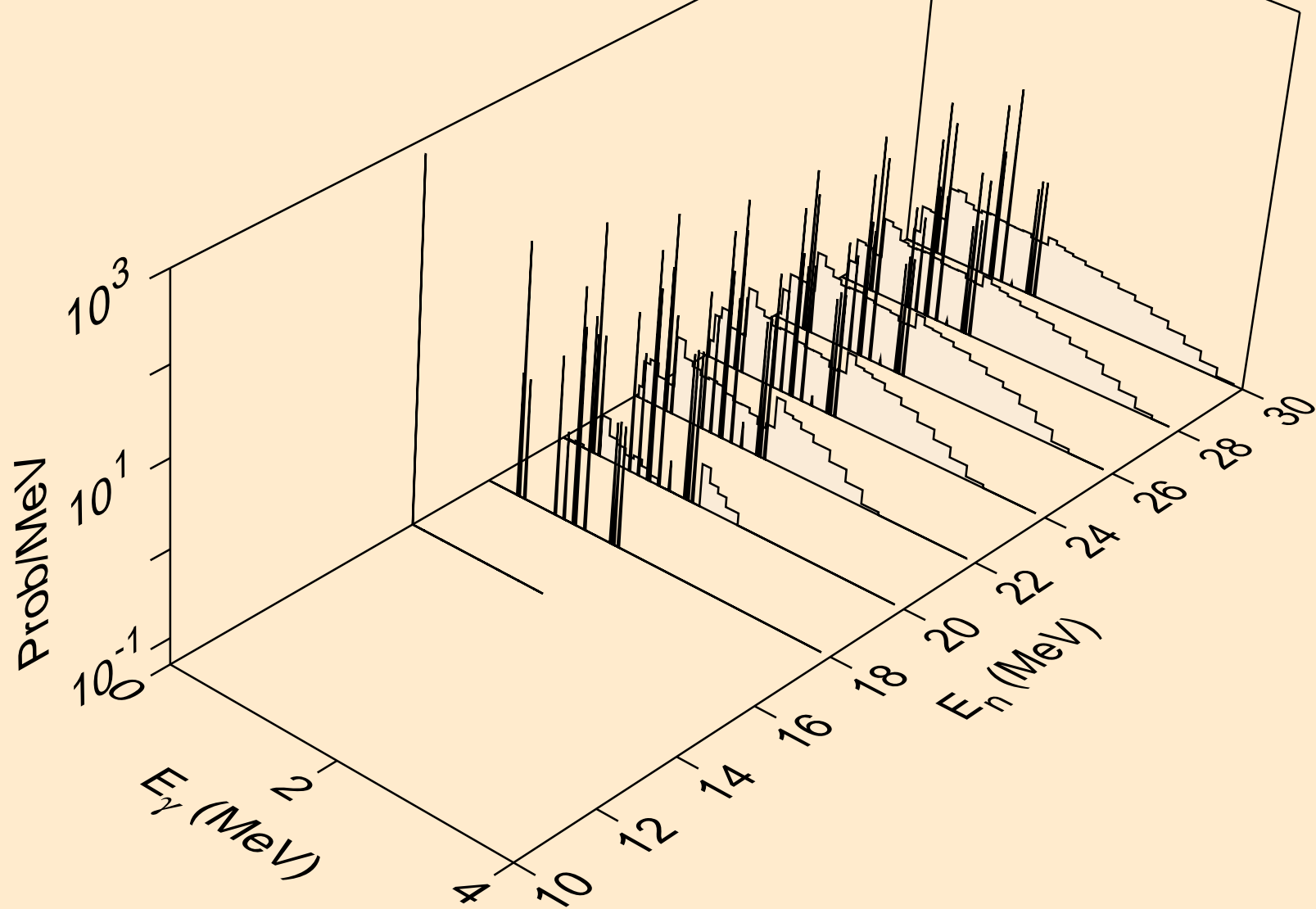
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

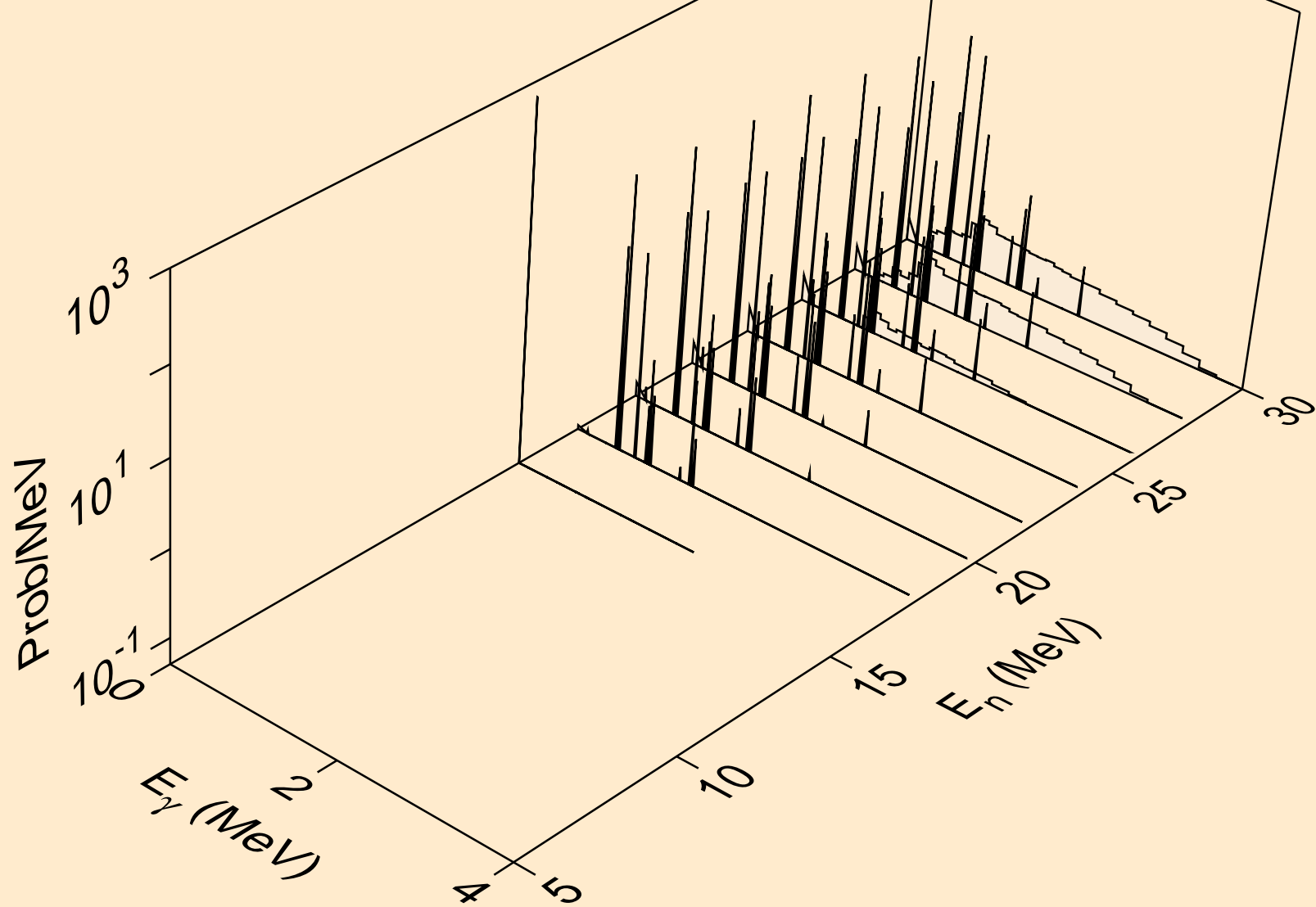


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Photon emission for (n,2p)

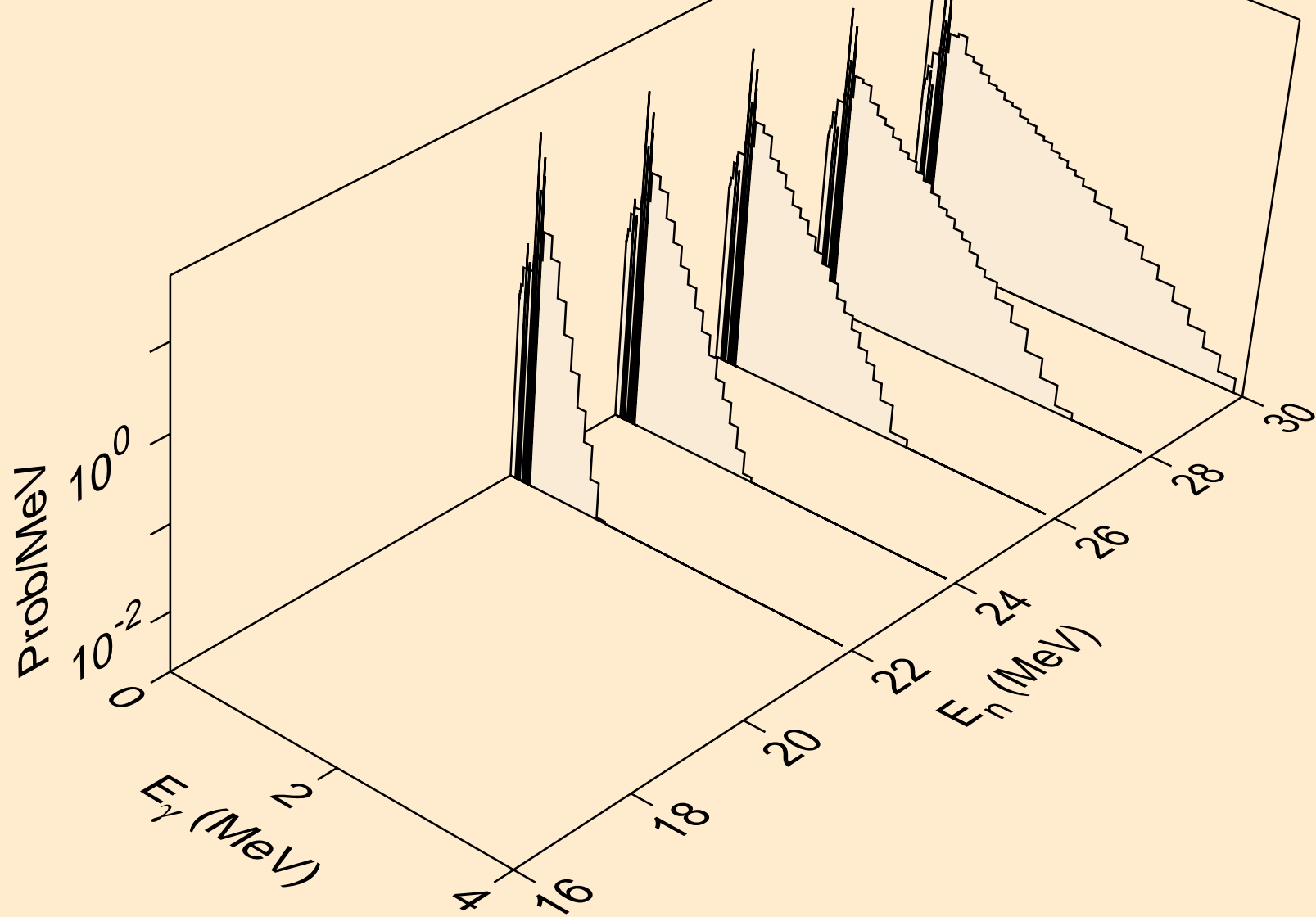




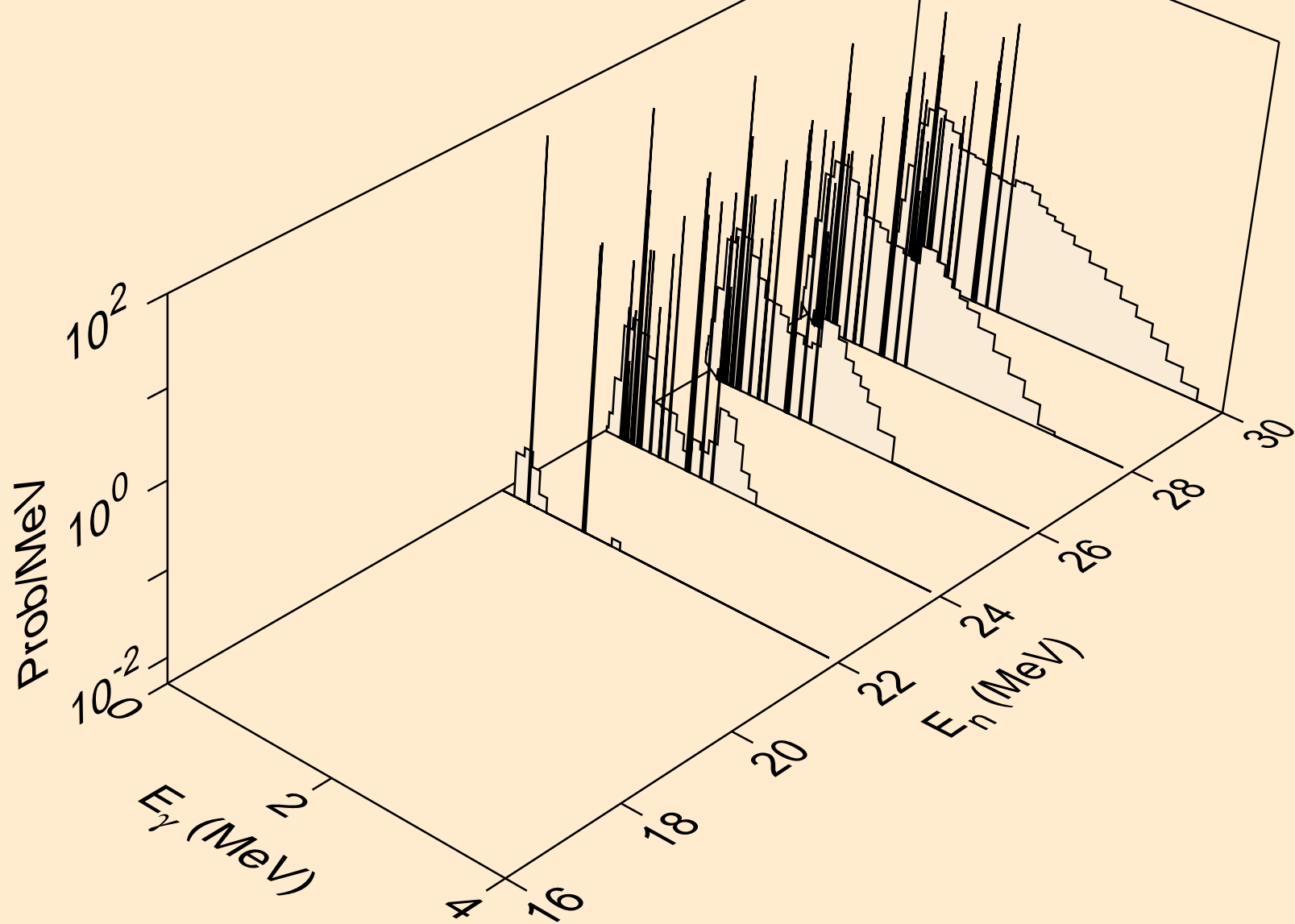
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Photon emission for (n,p)



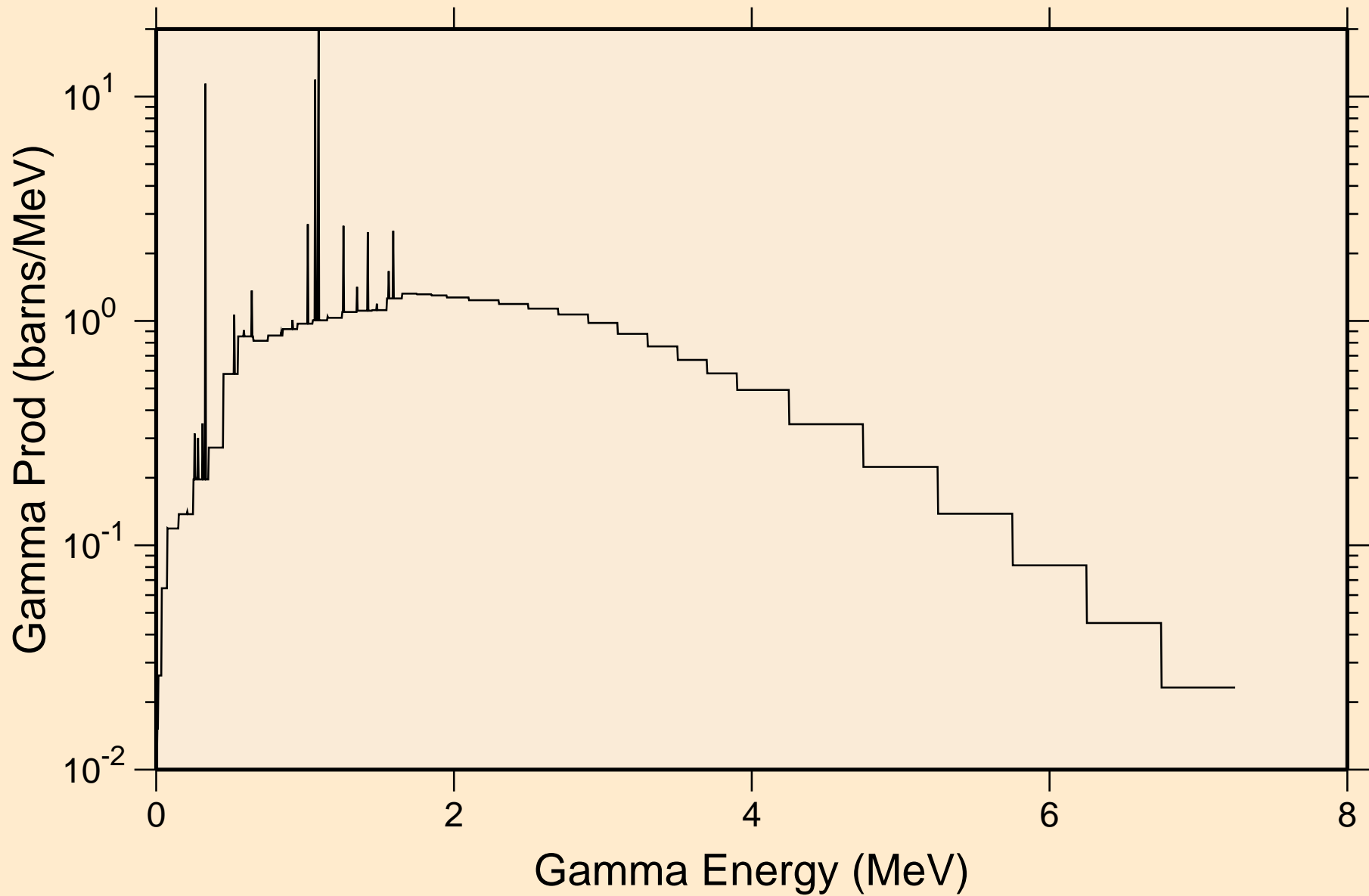
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Photon emission for (n,pd)



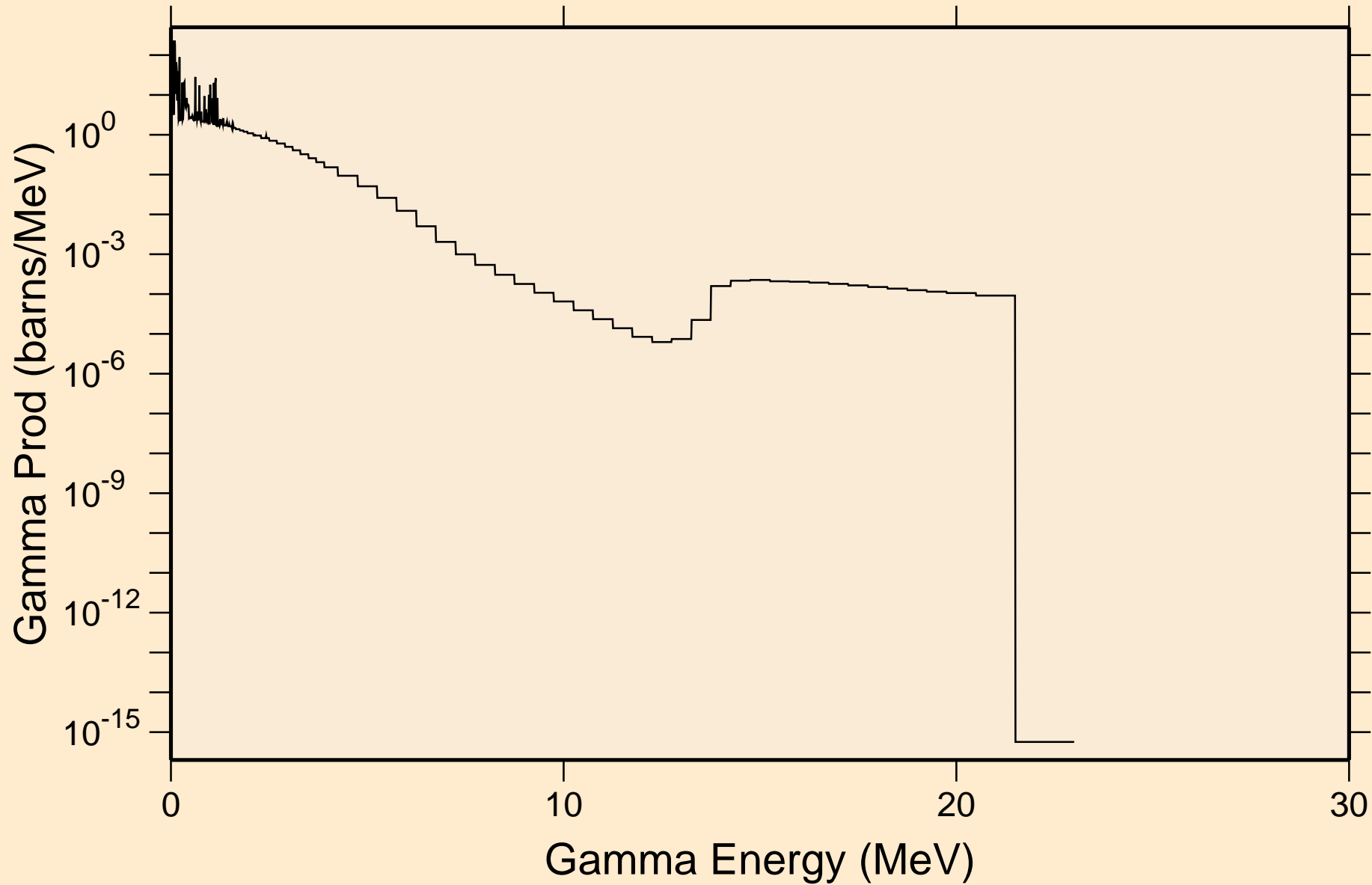
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

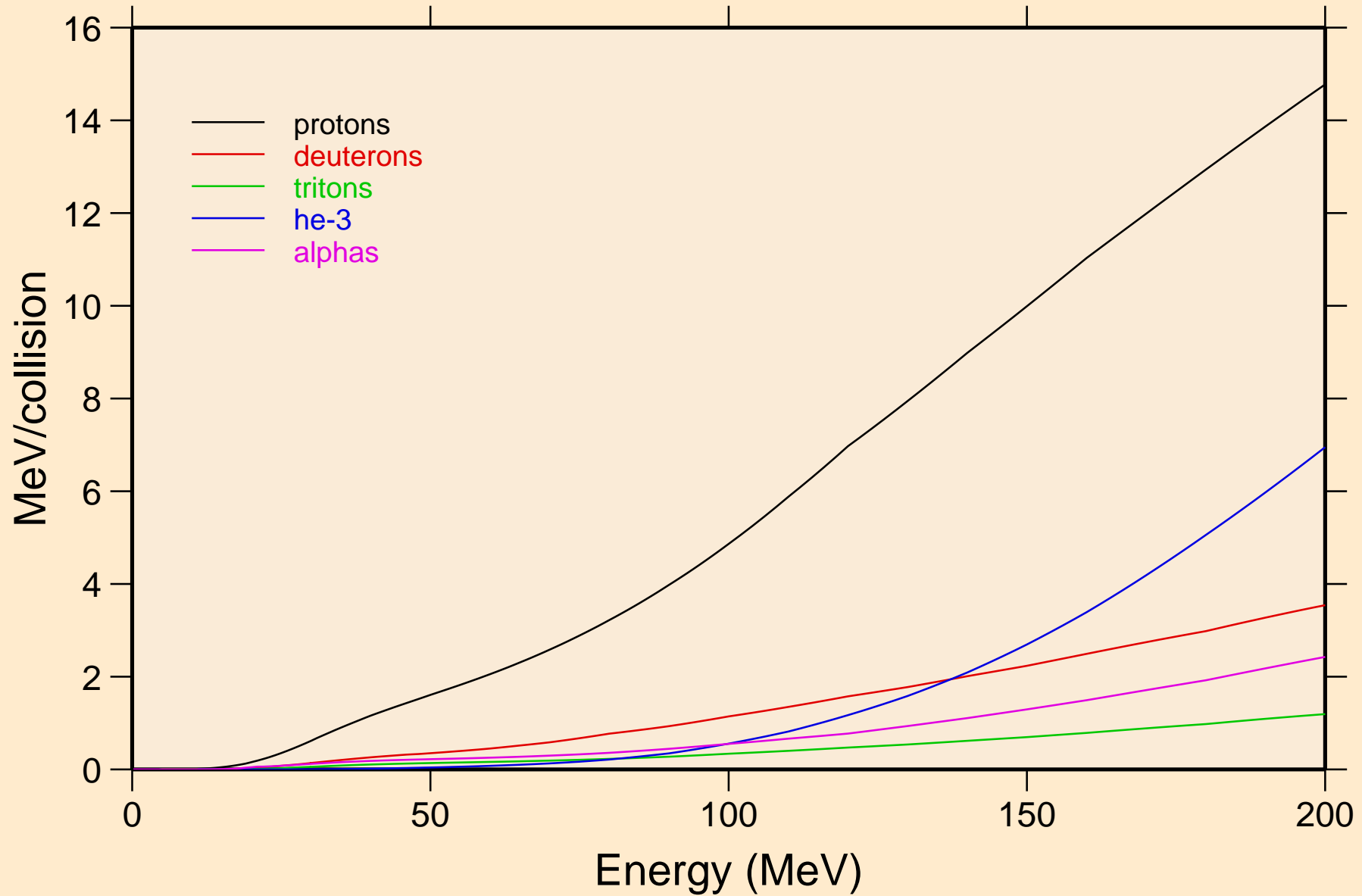


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

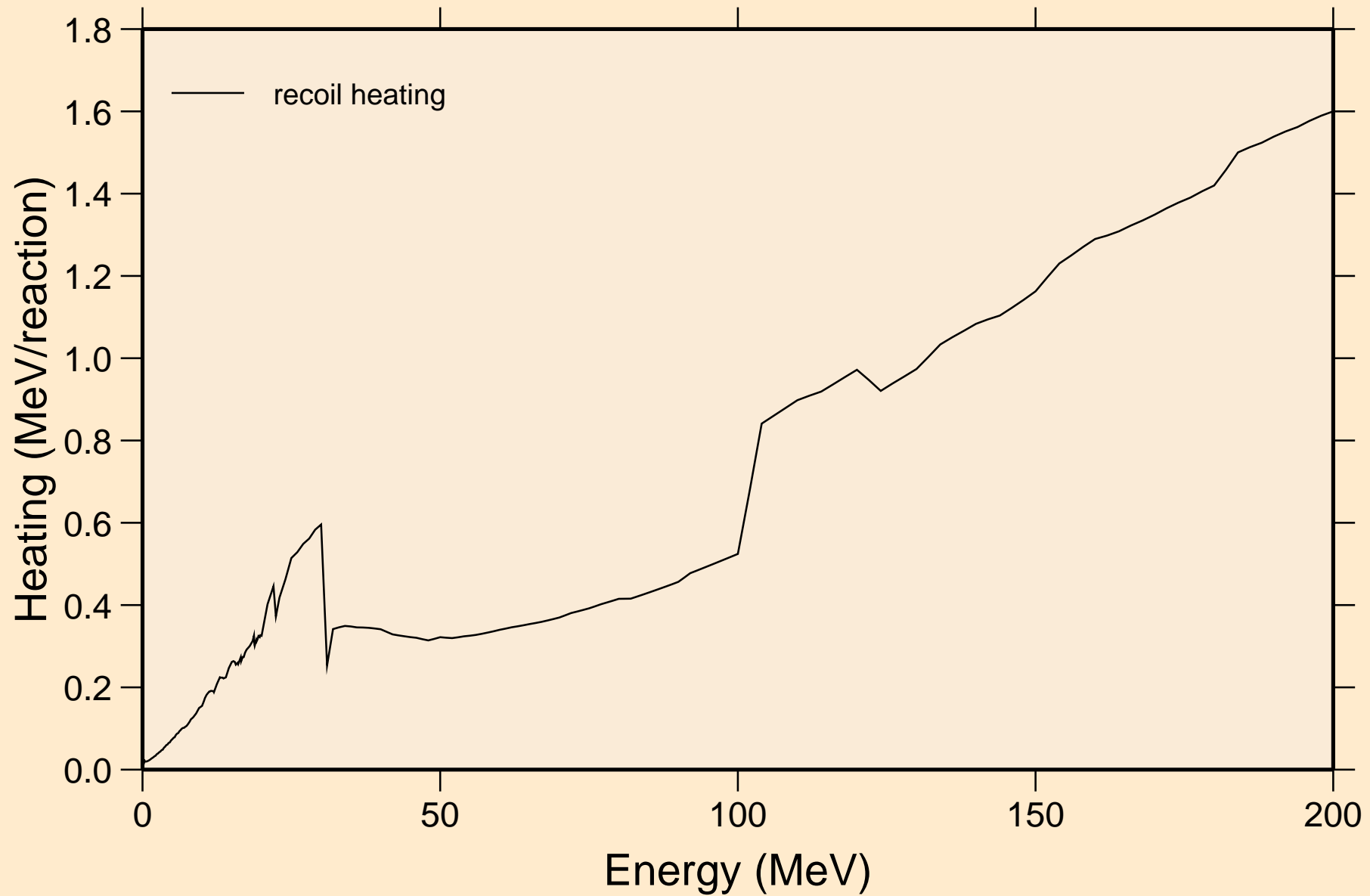


# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

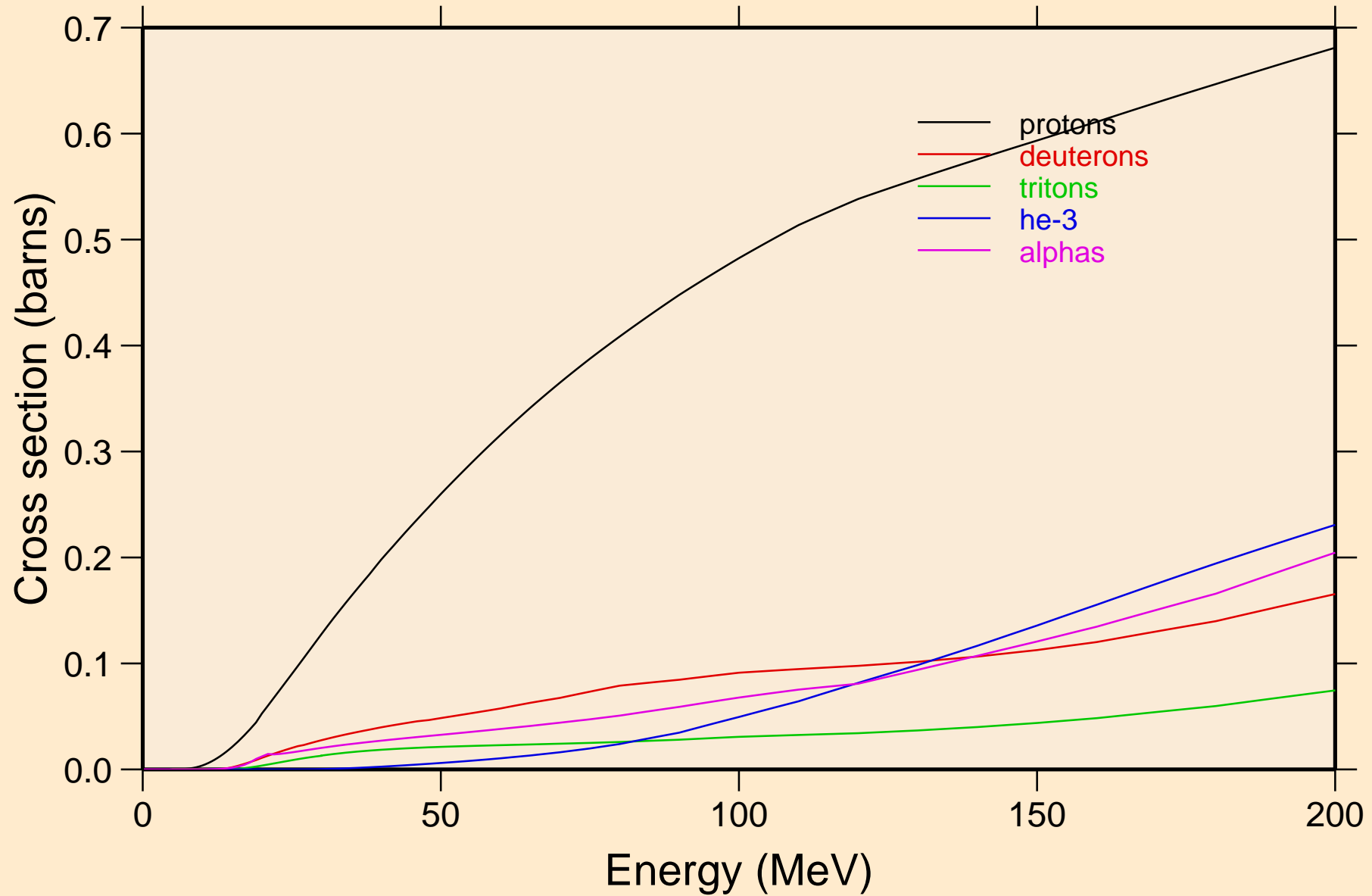


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



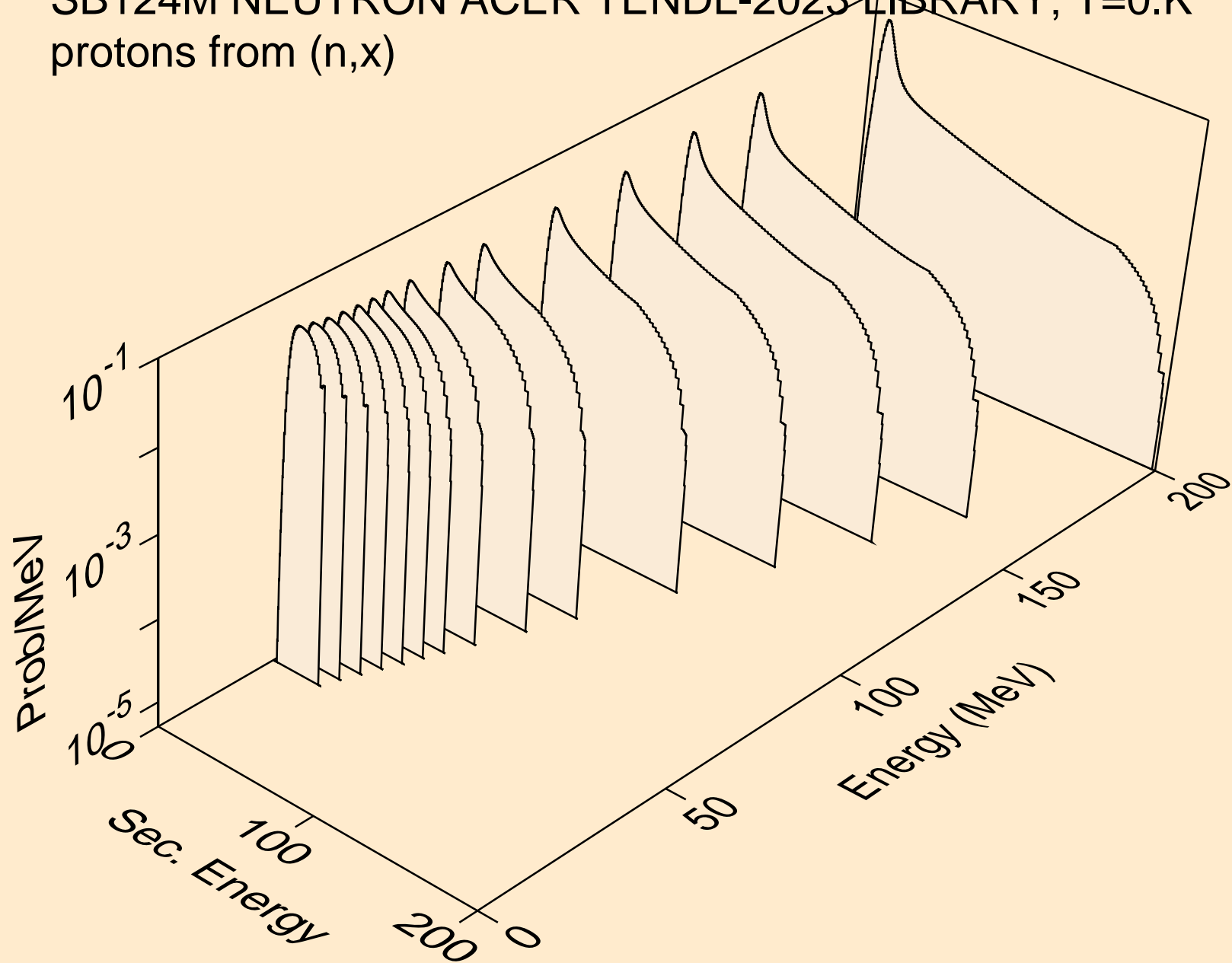
# SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

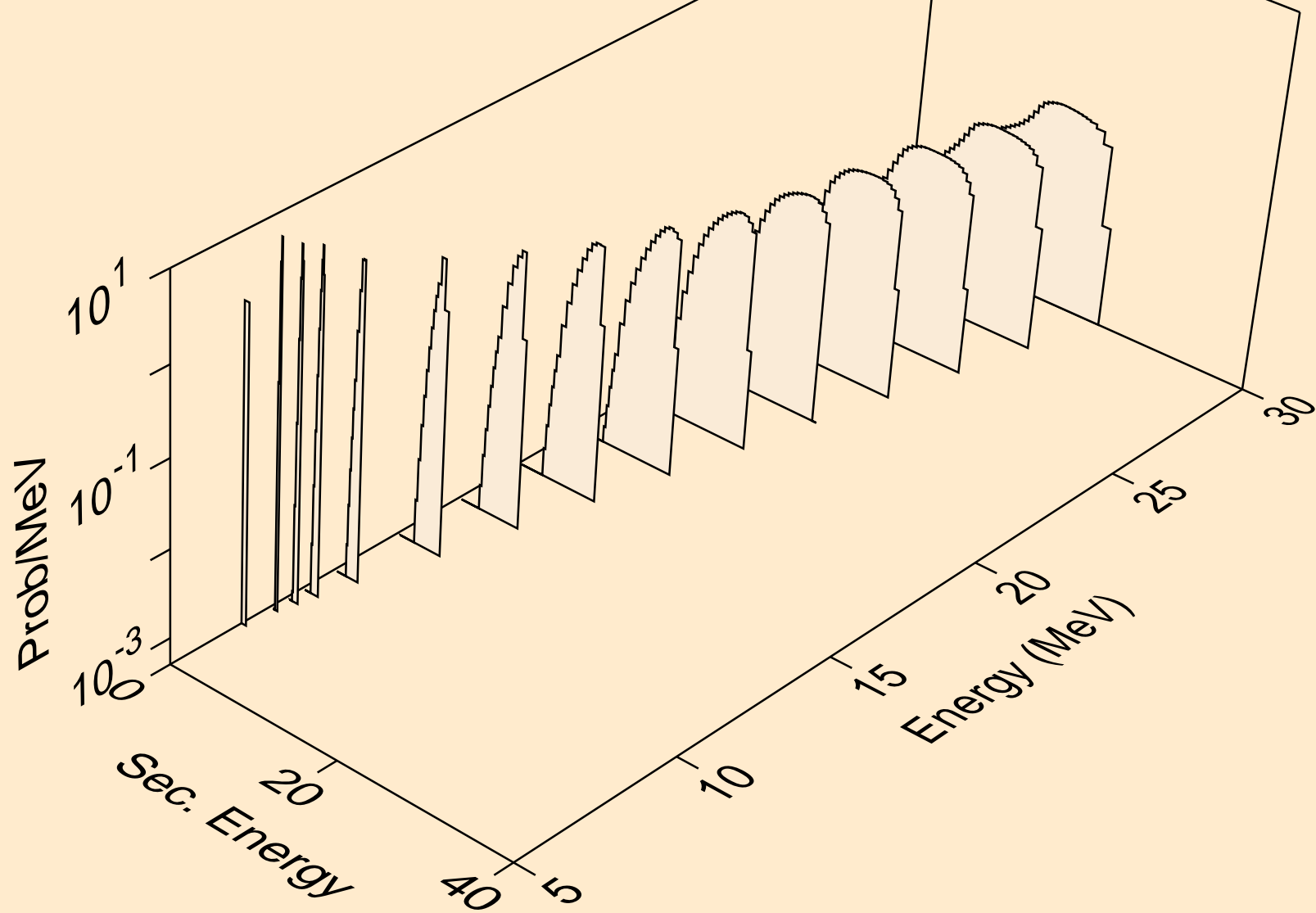




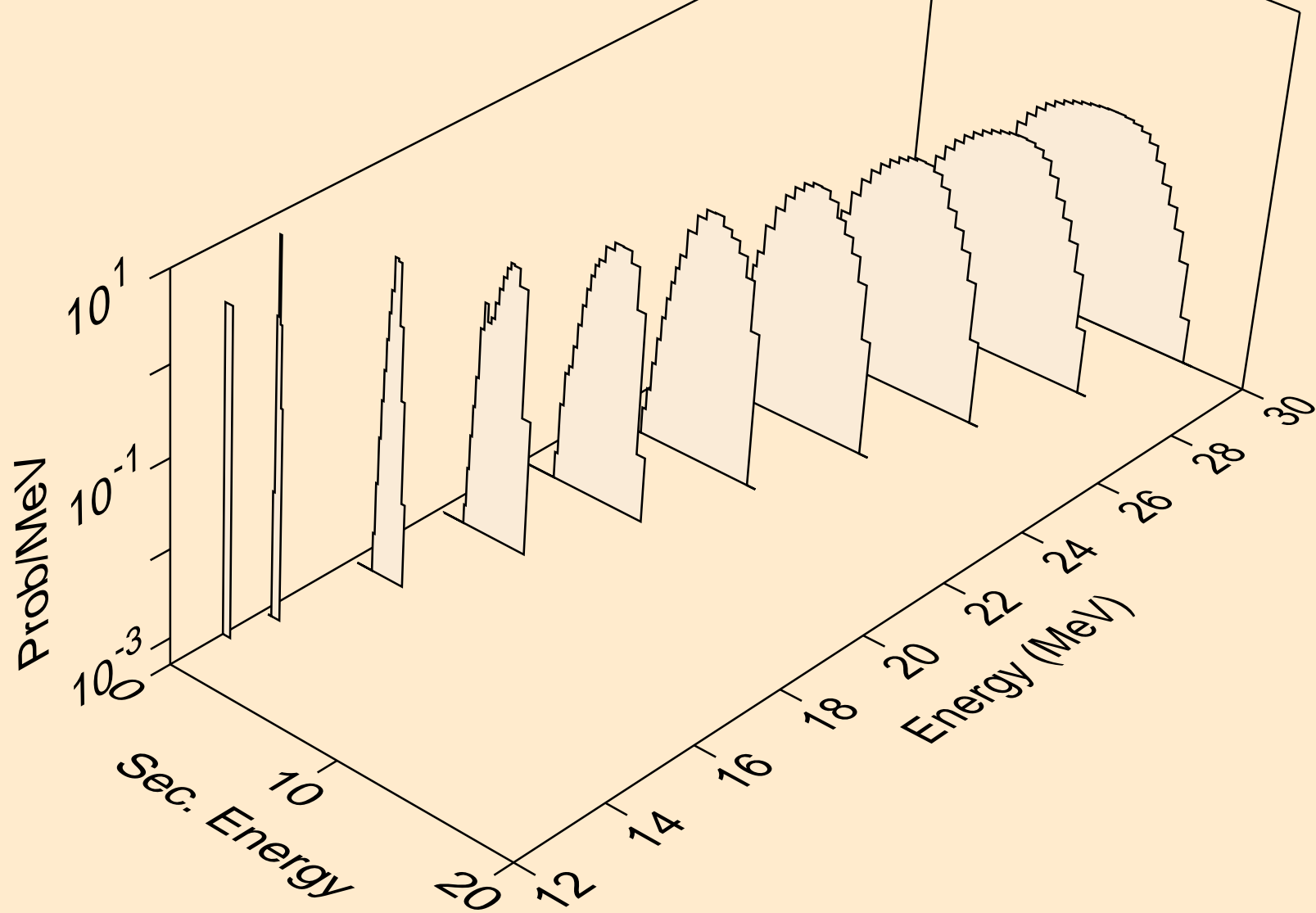
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



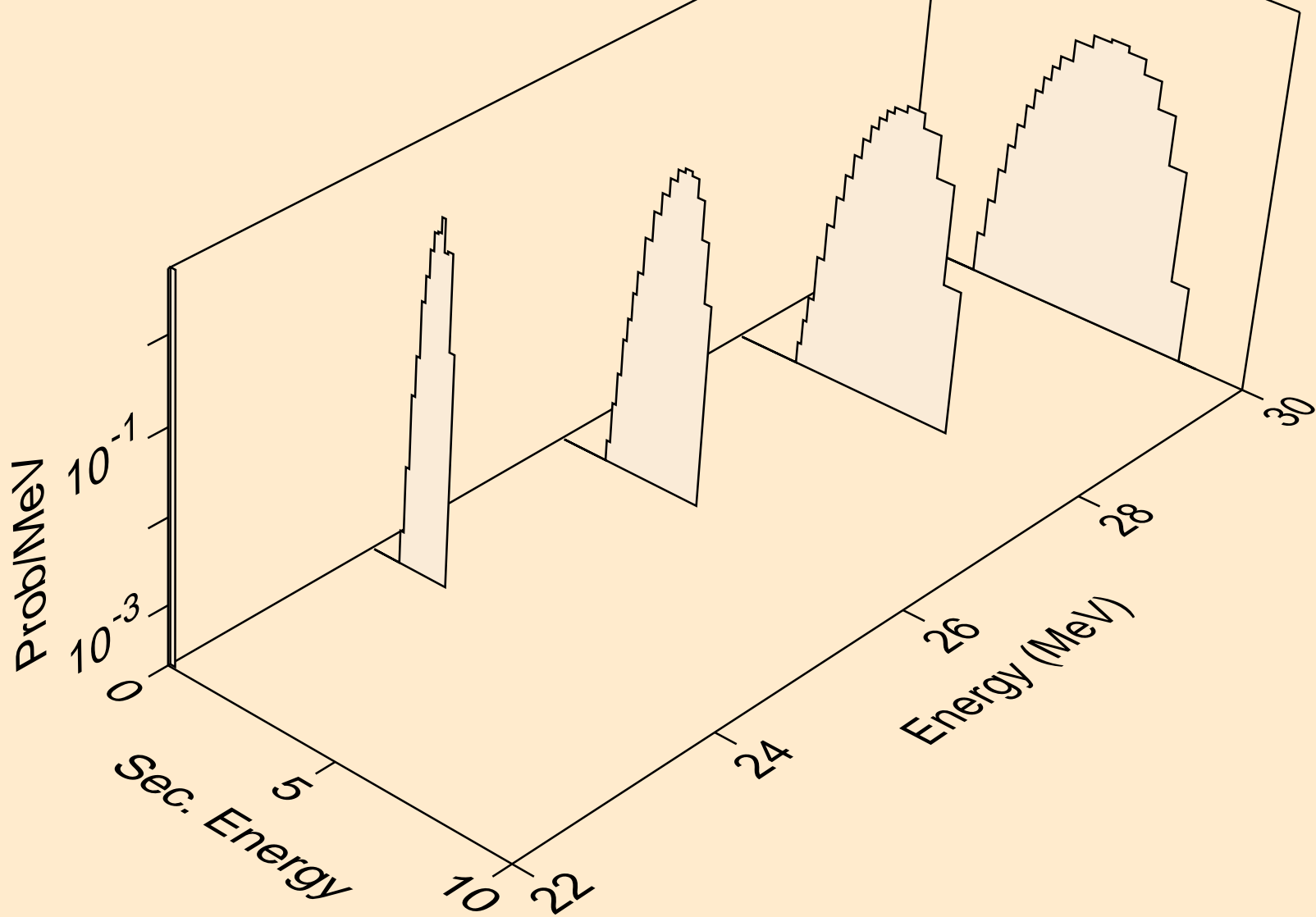
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protons from (n,n\*)p



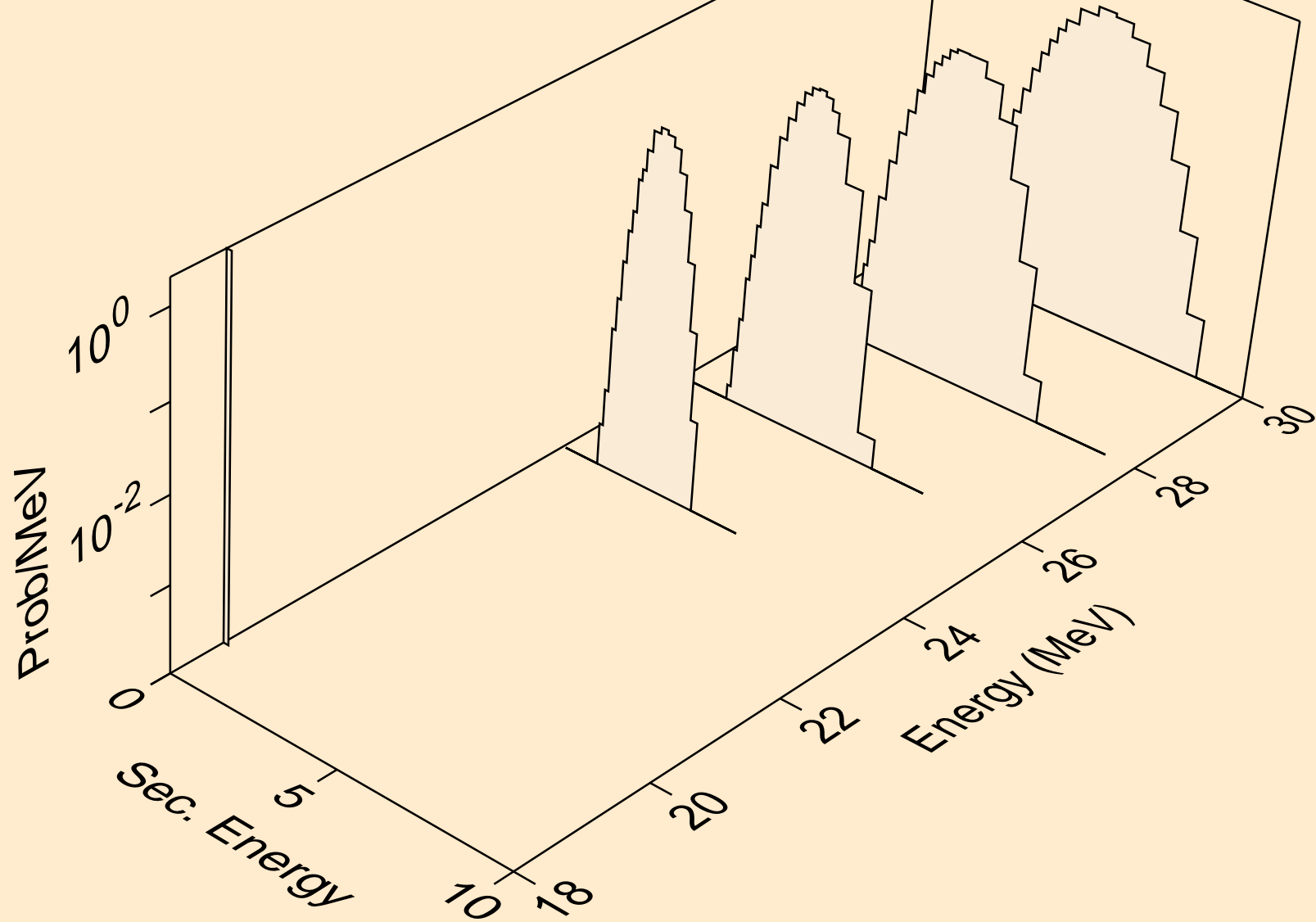
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protons from (n,2np)



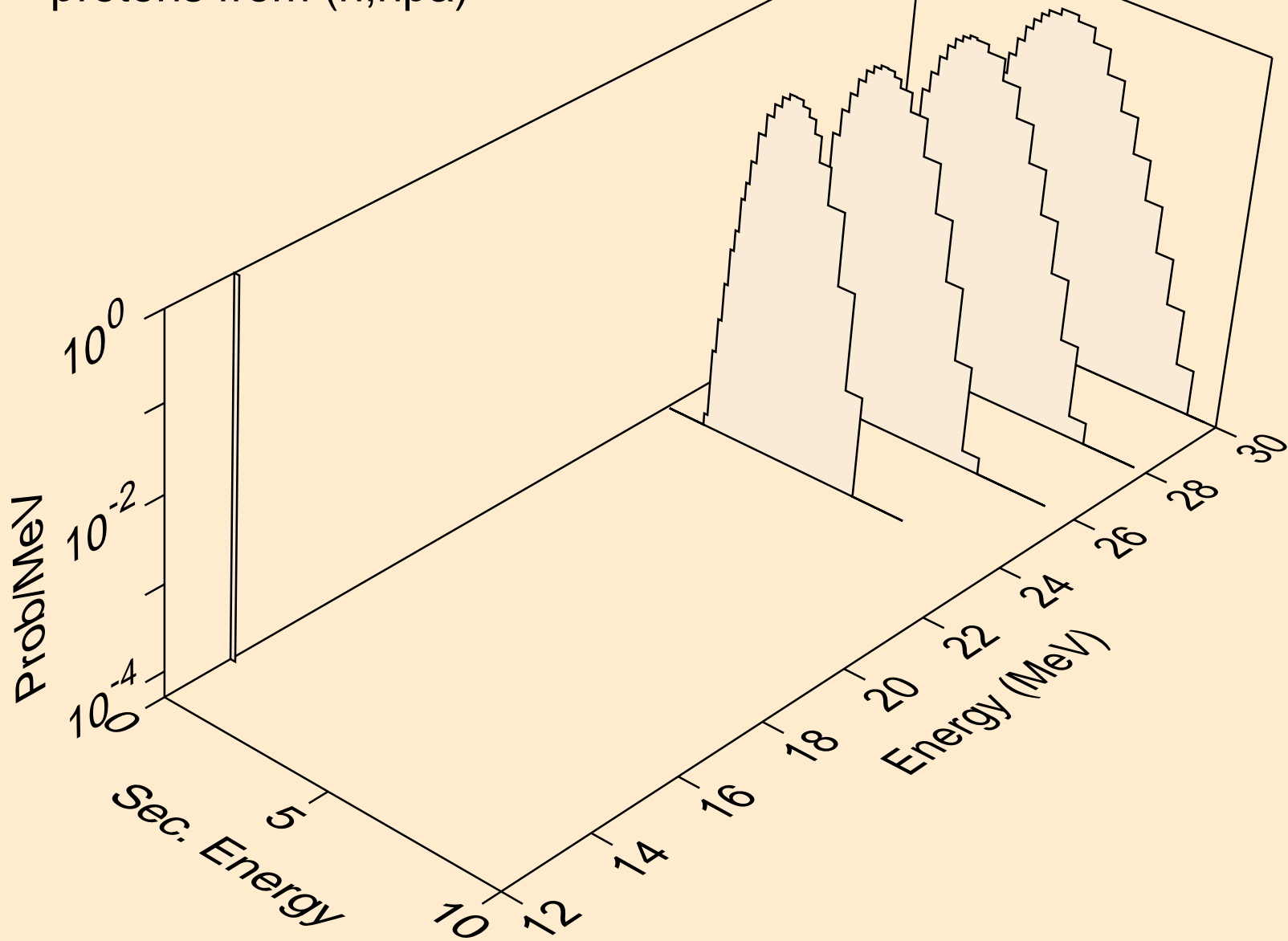
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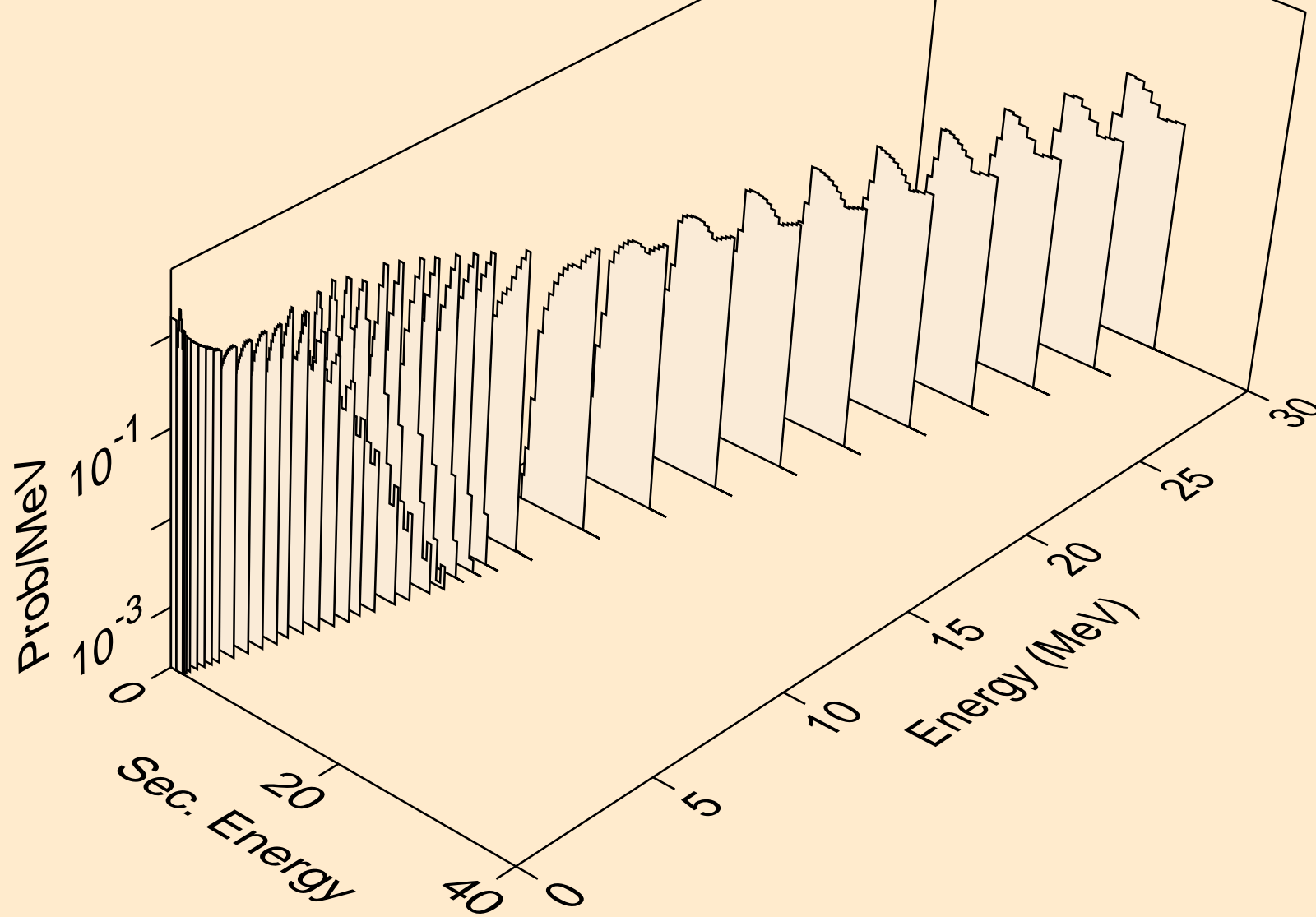
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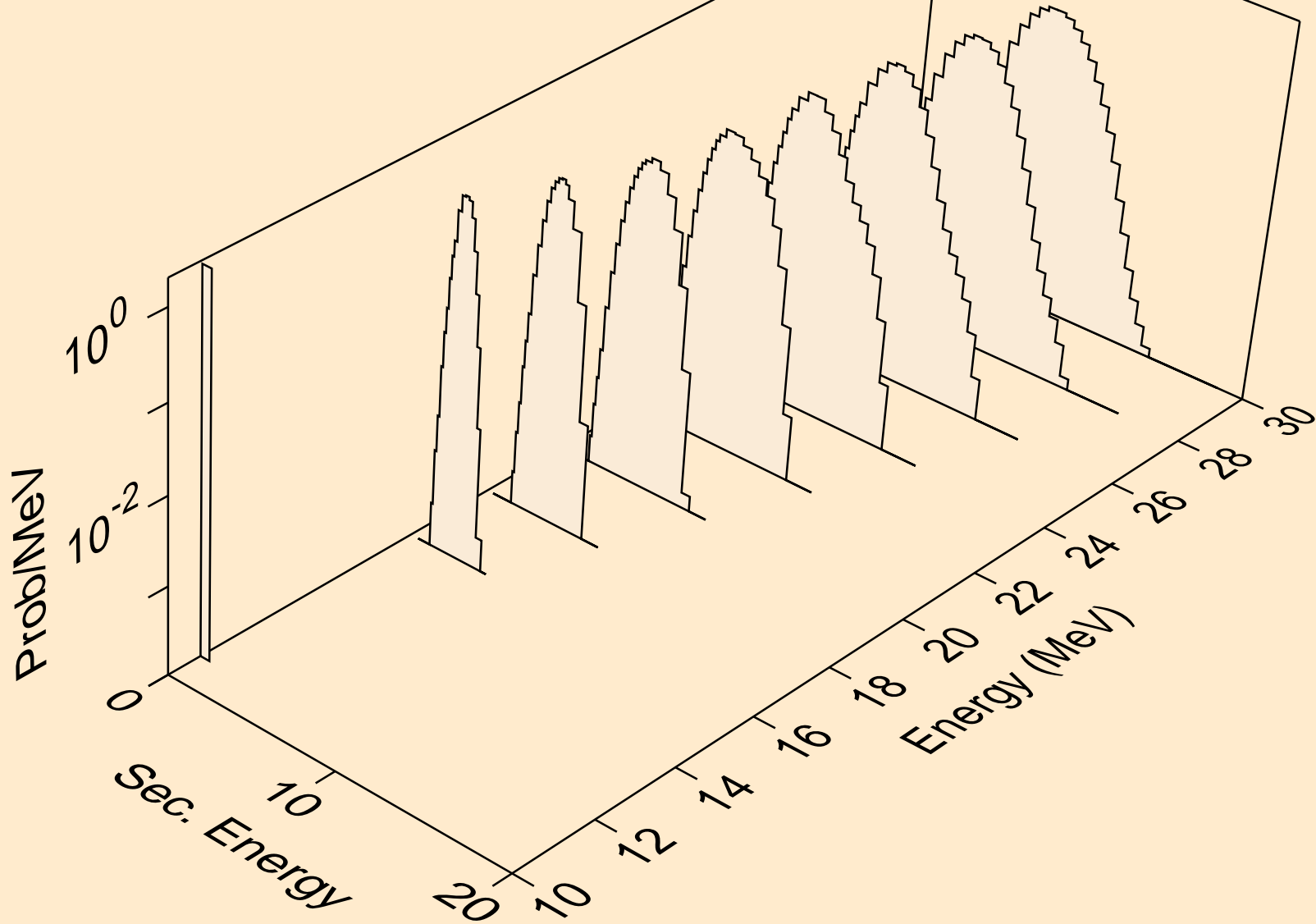
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protons from (n,npa)



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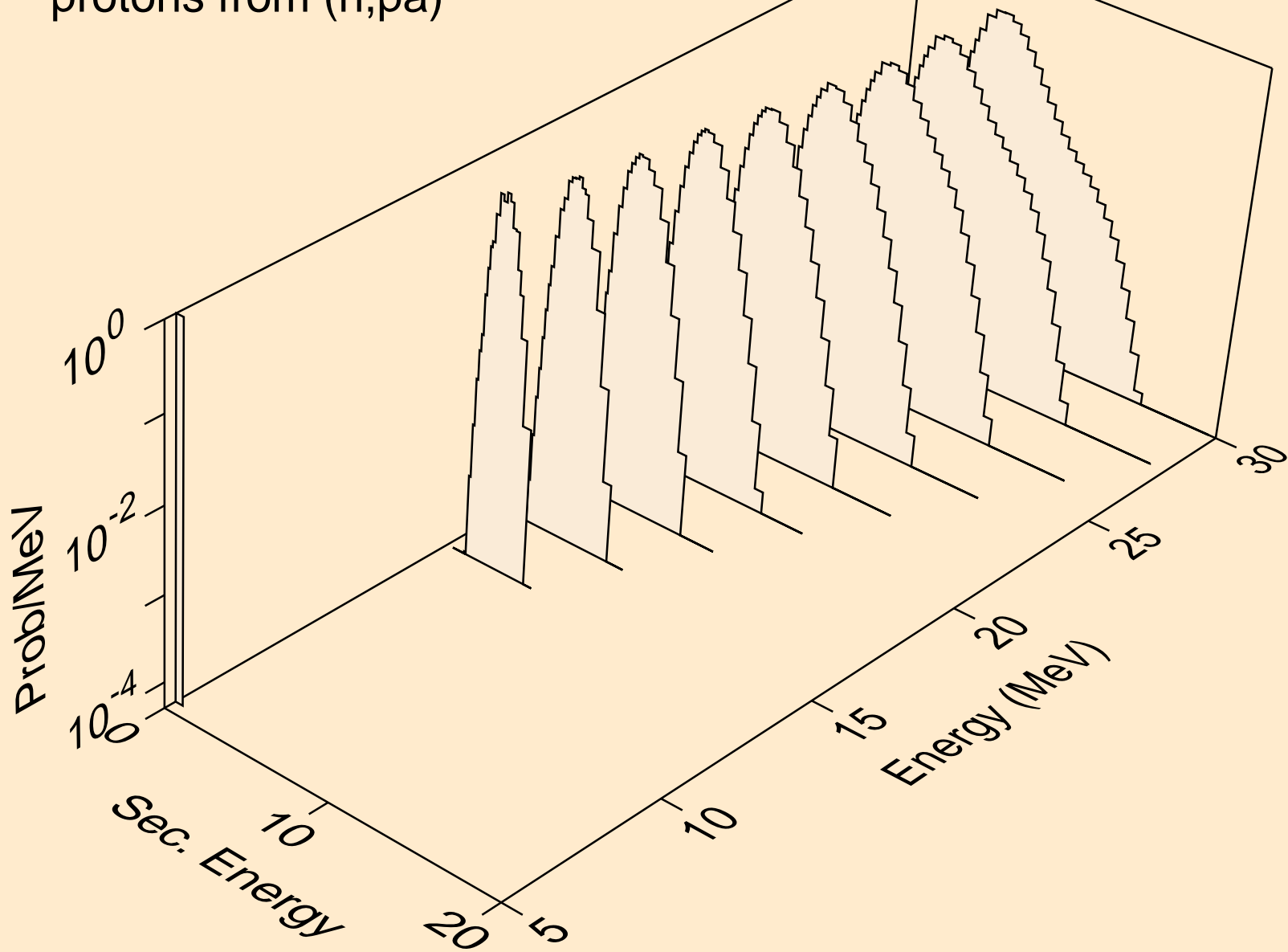


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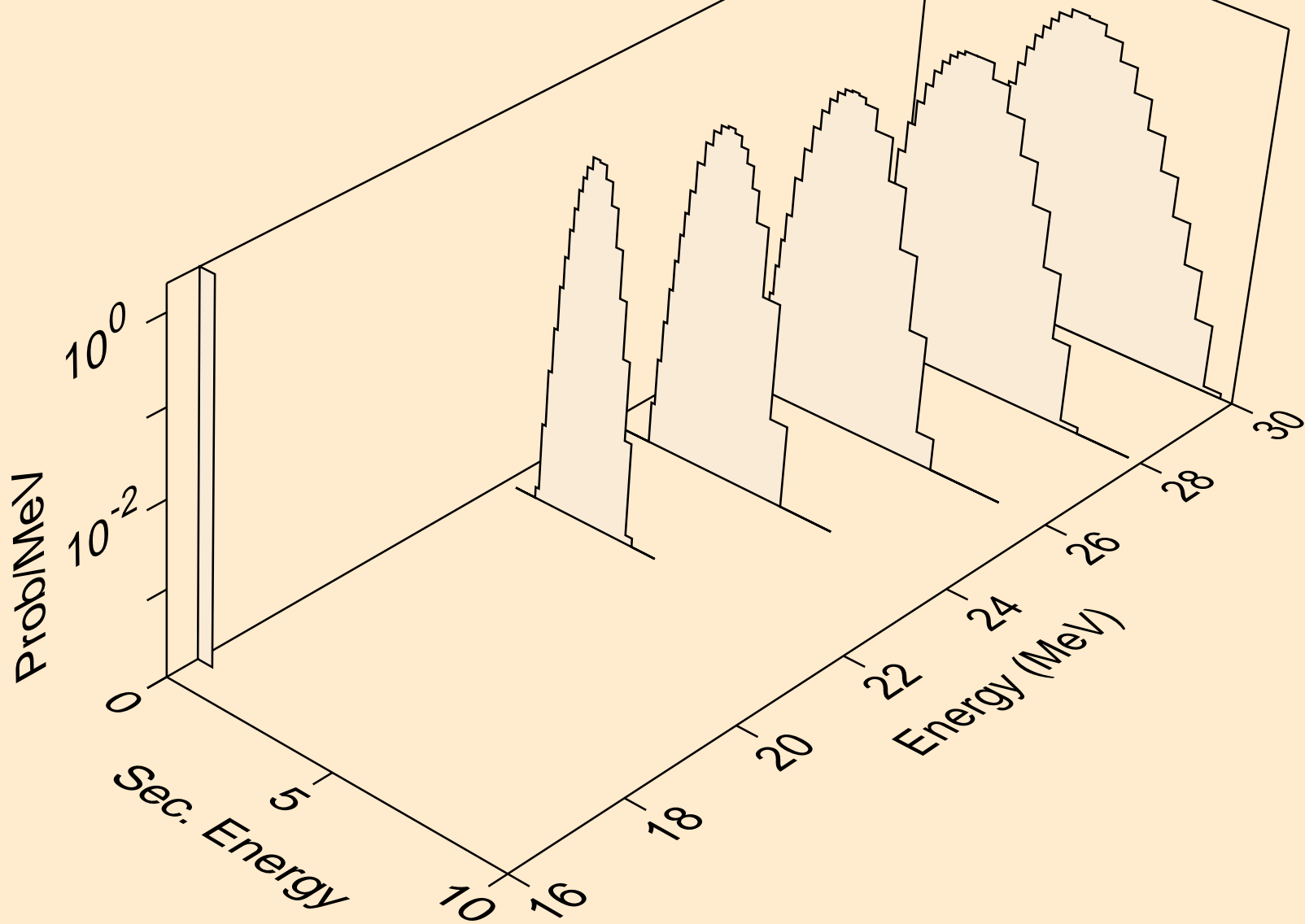




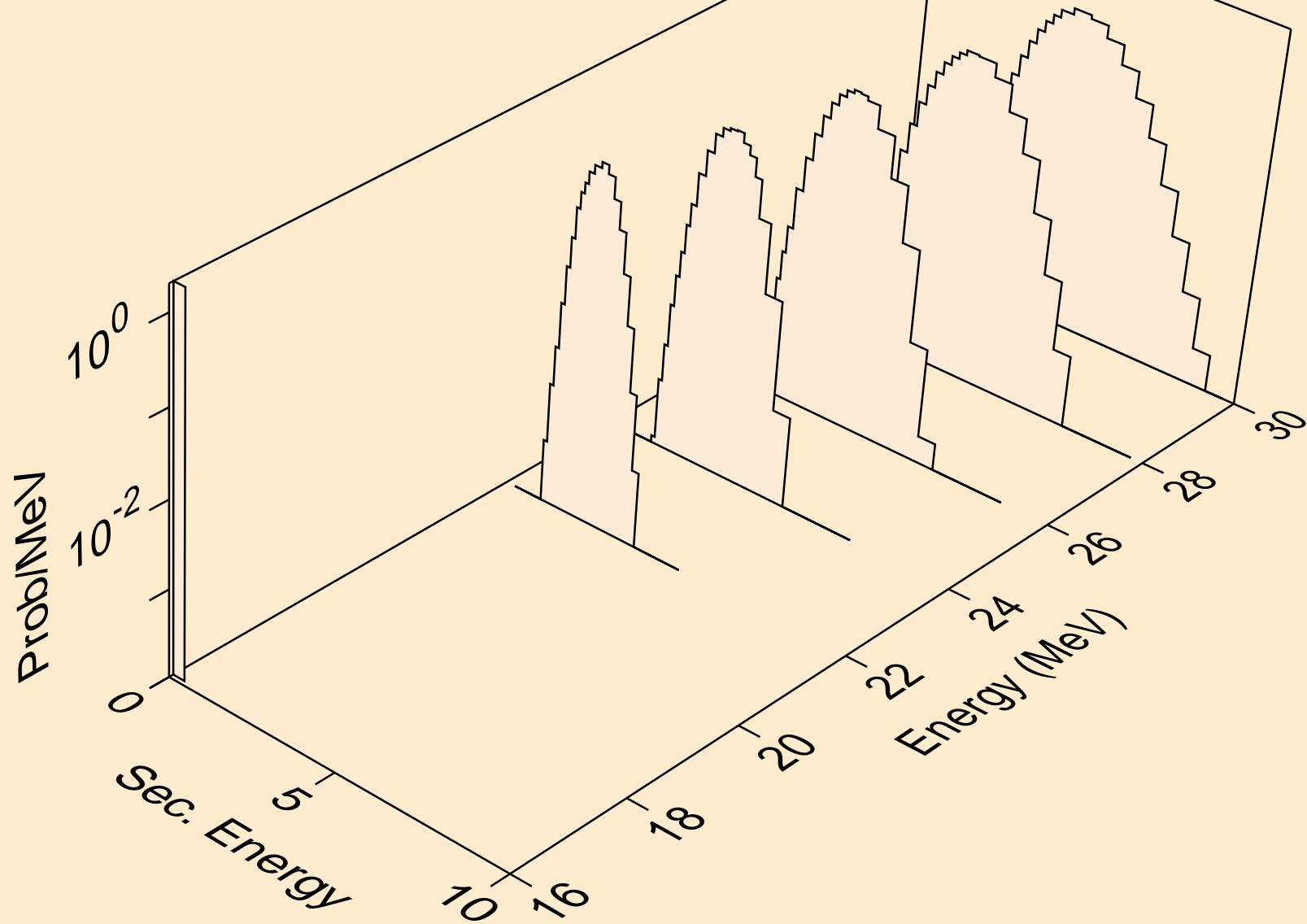
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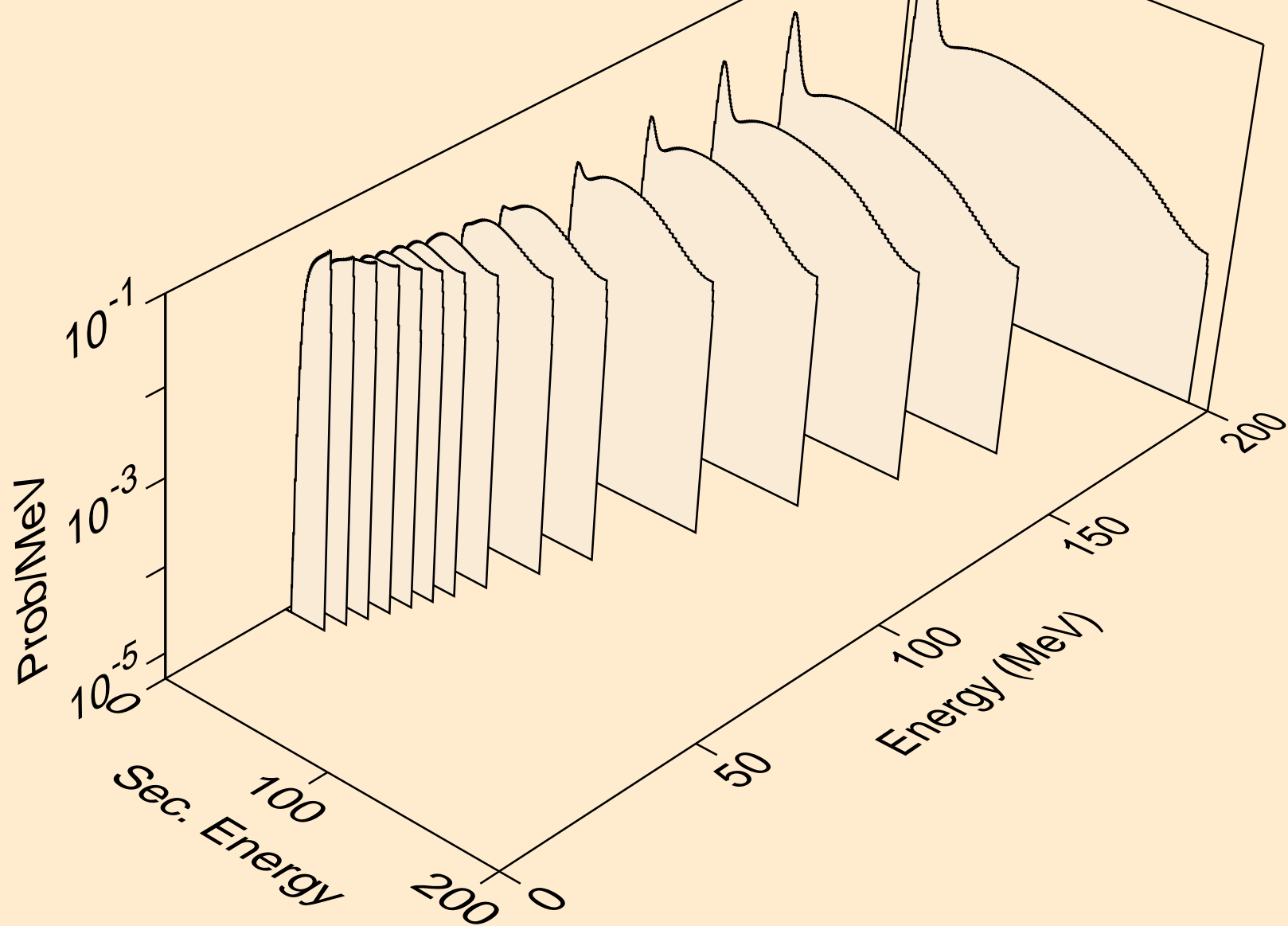
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protons from (n,pd)



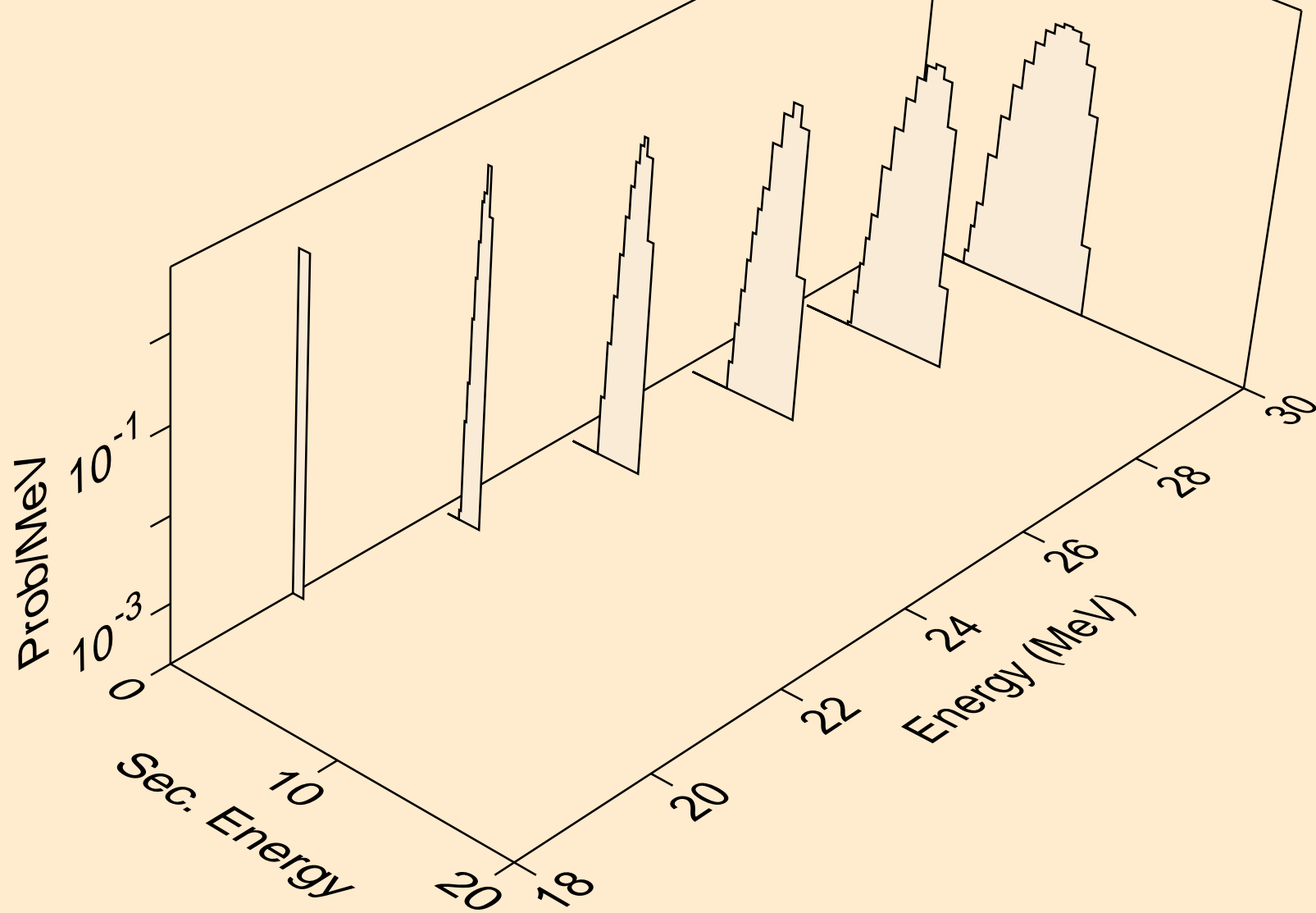
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protons from (n,pt)



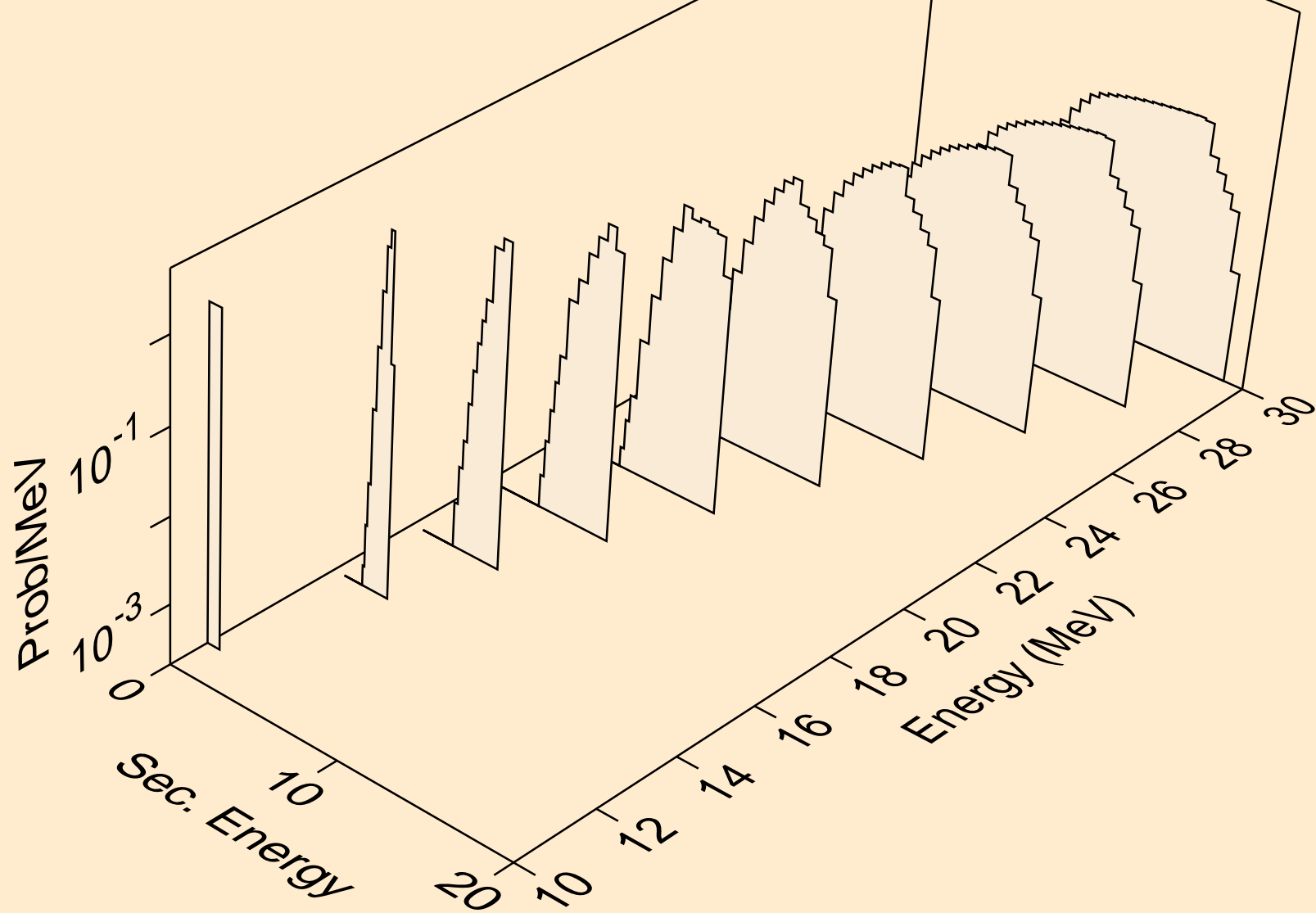
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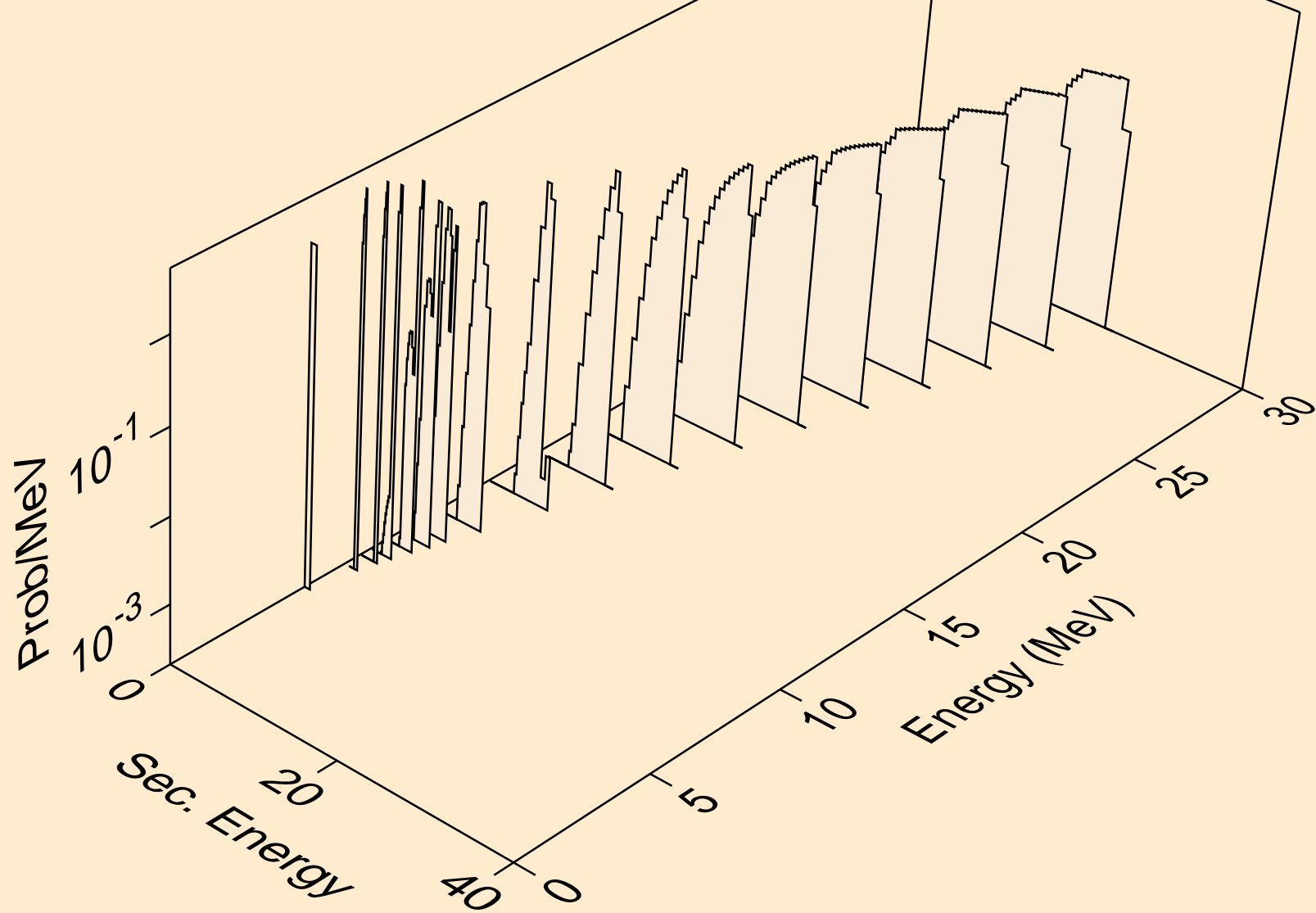
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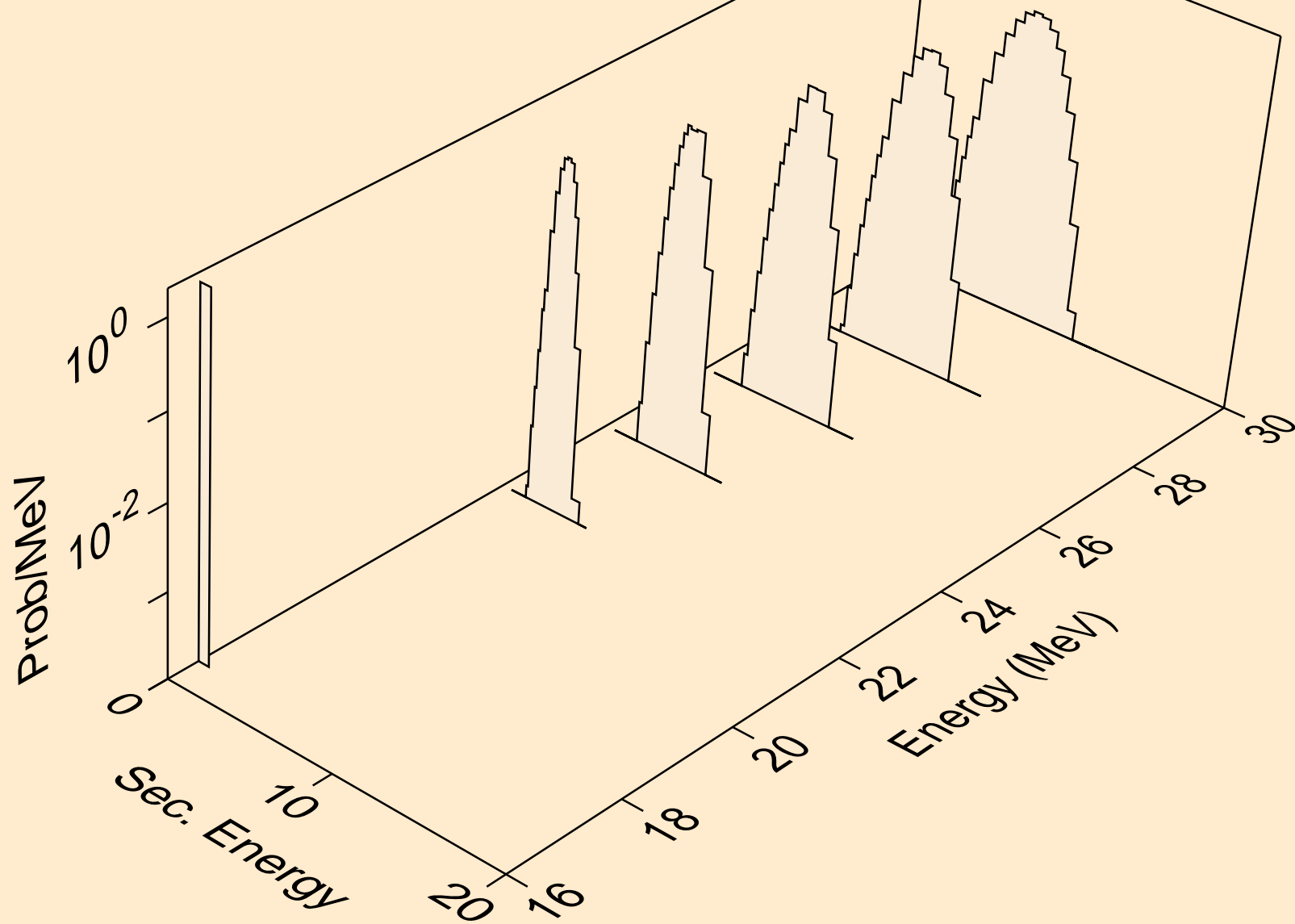
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

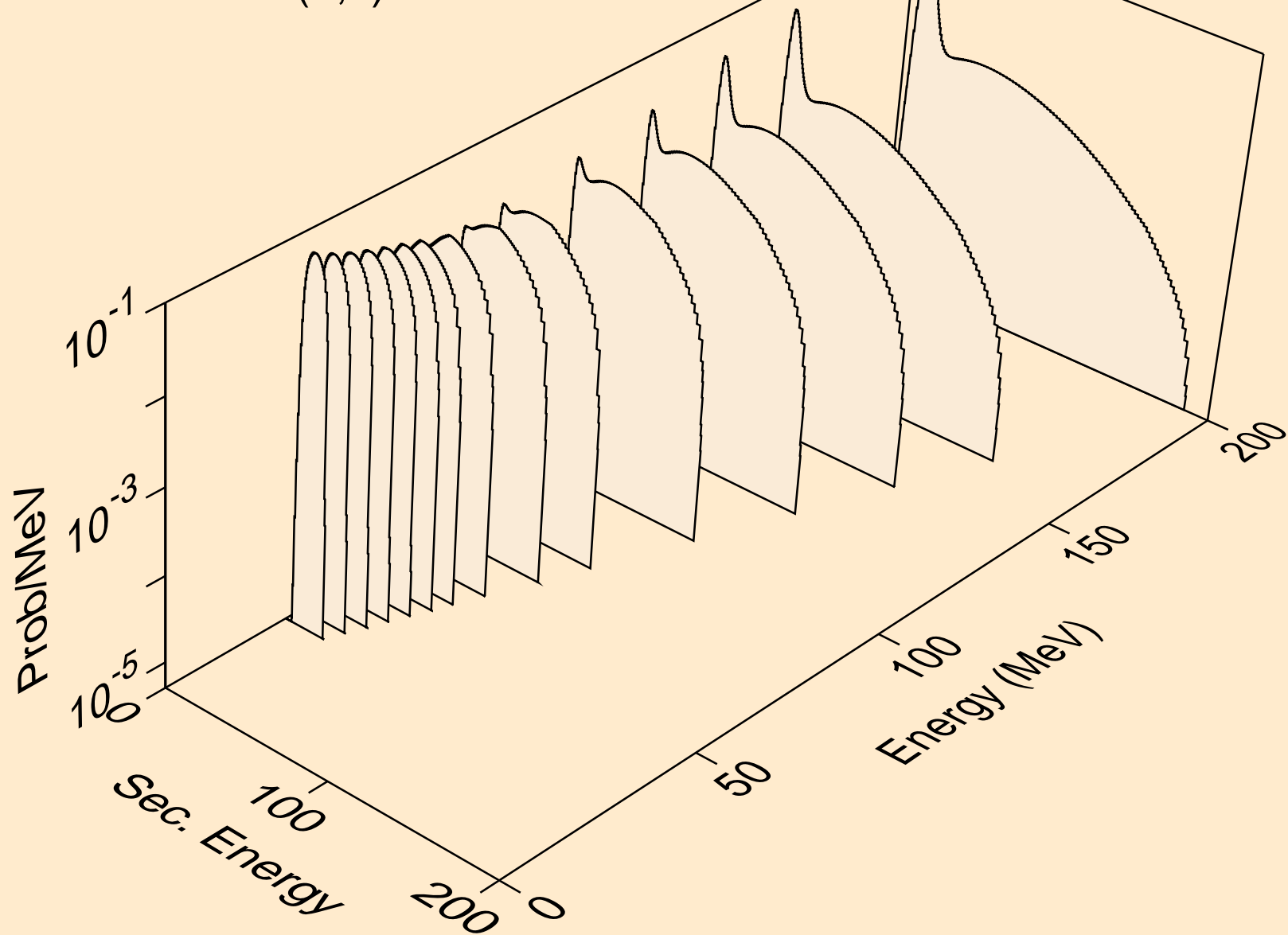


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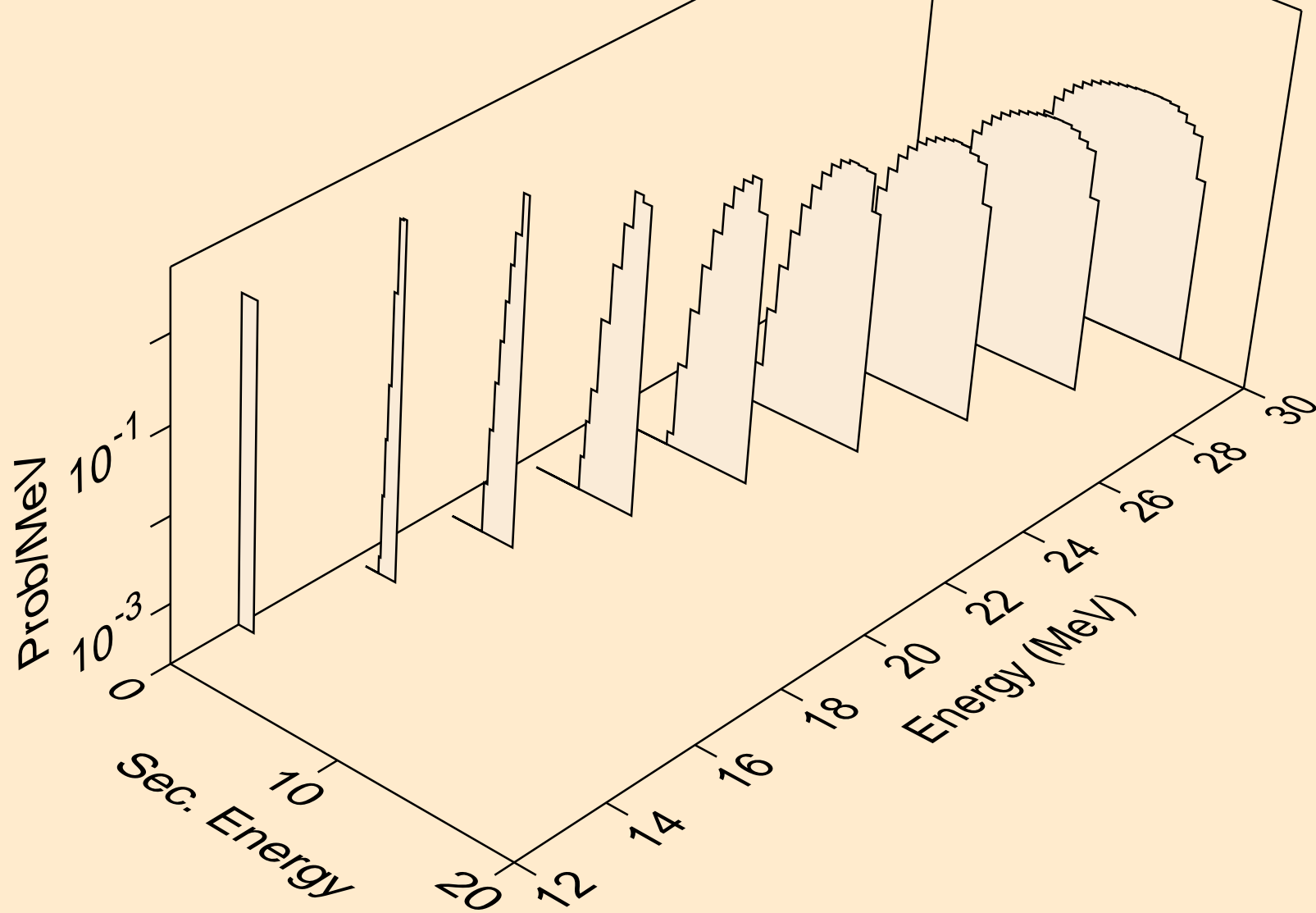




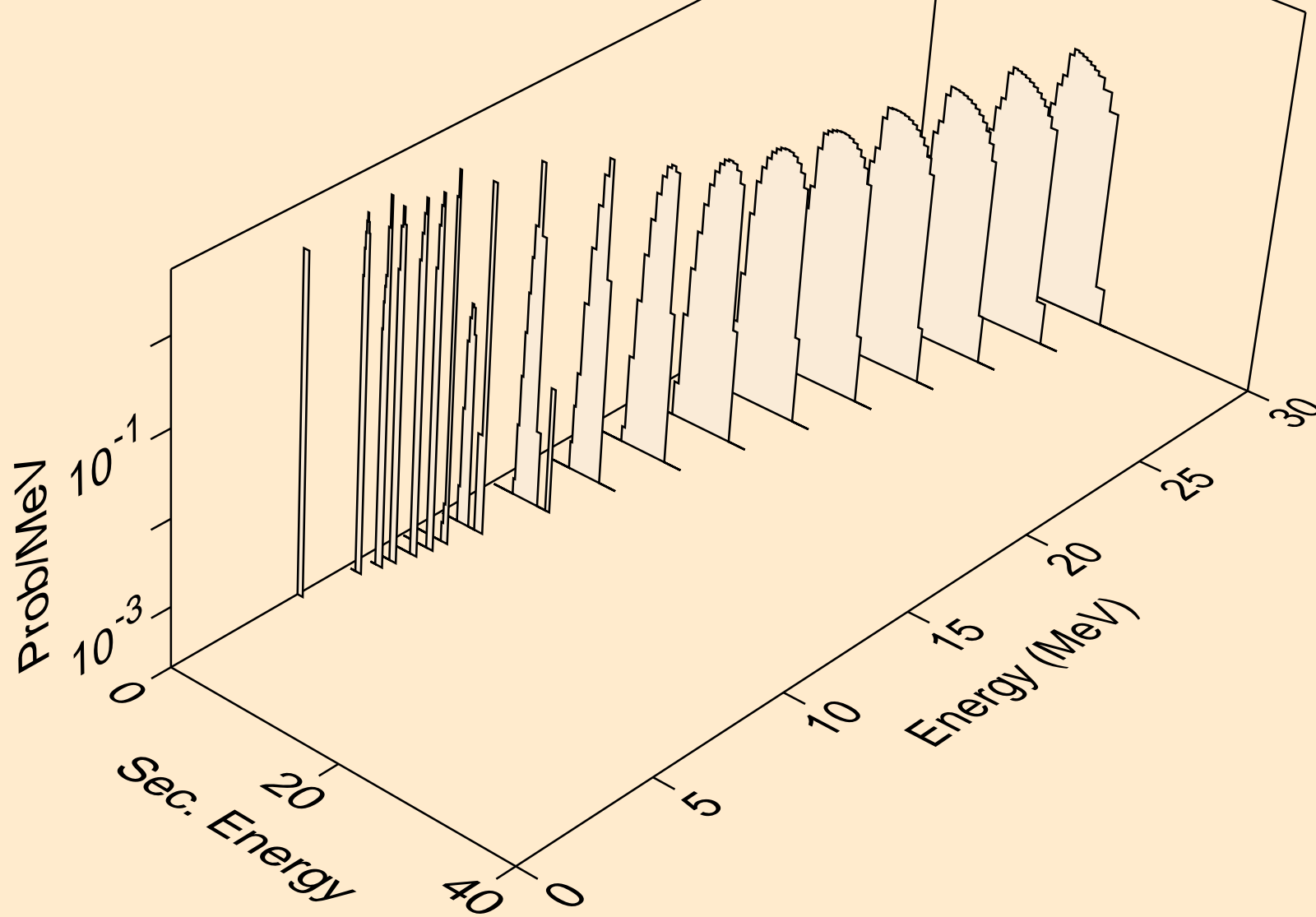
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



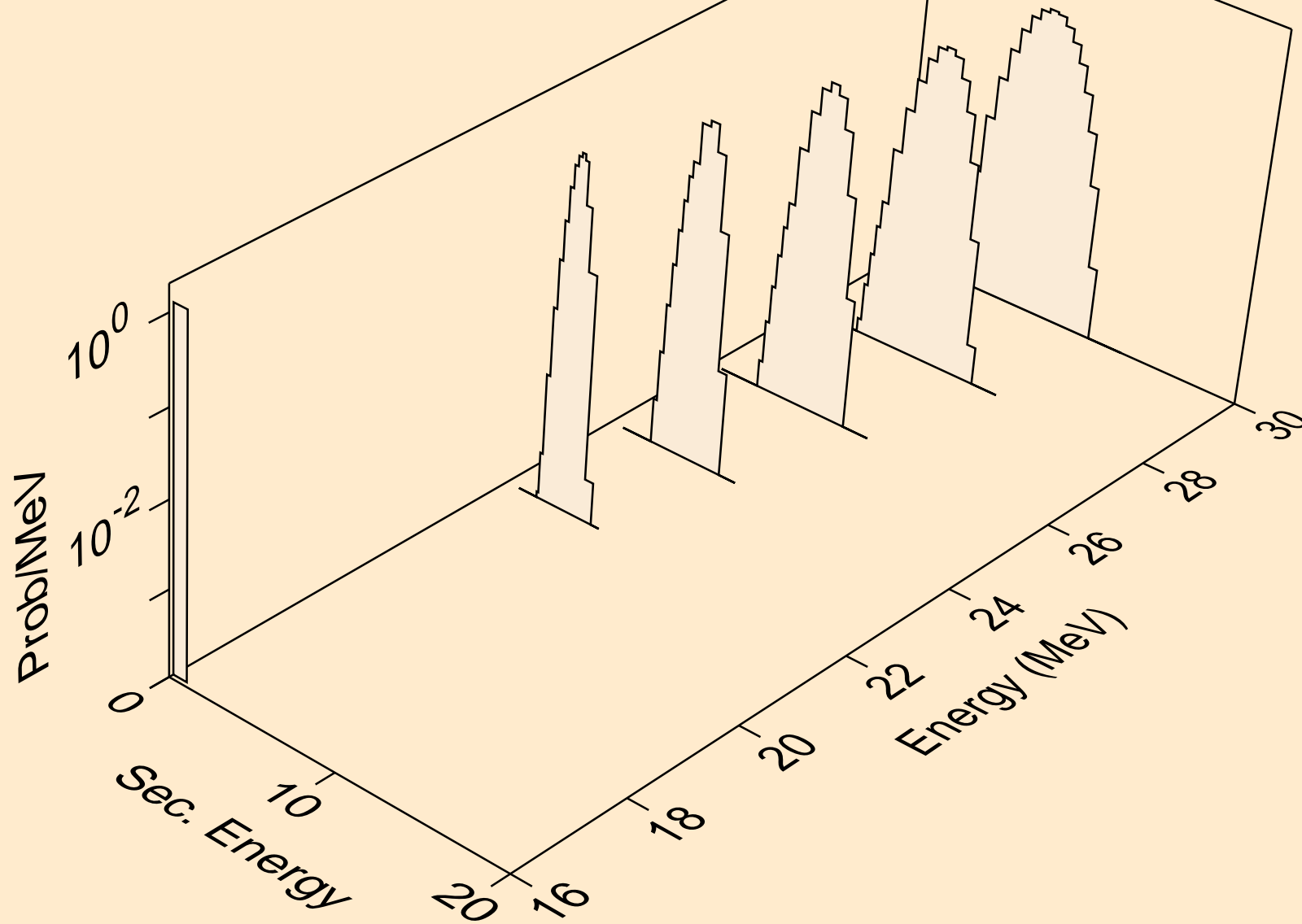
SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



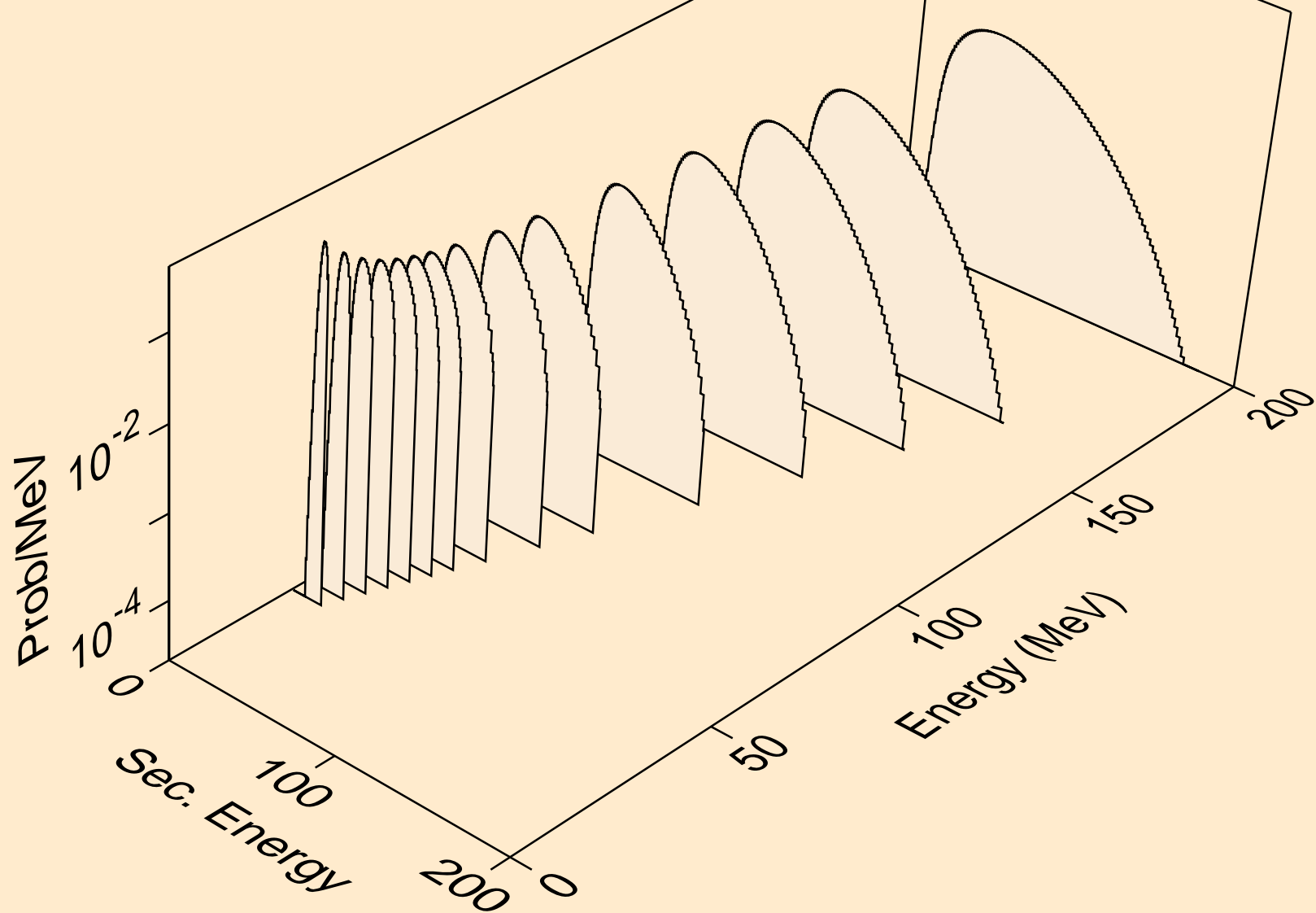
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tritons from (n,t)



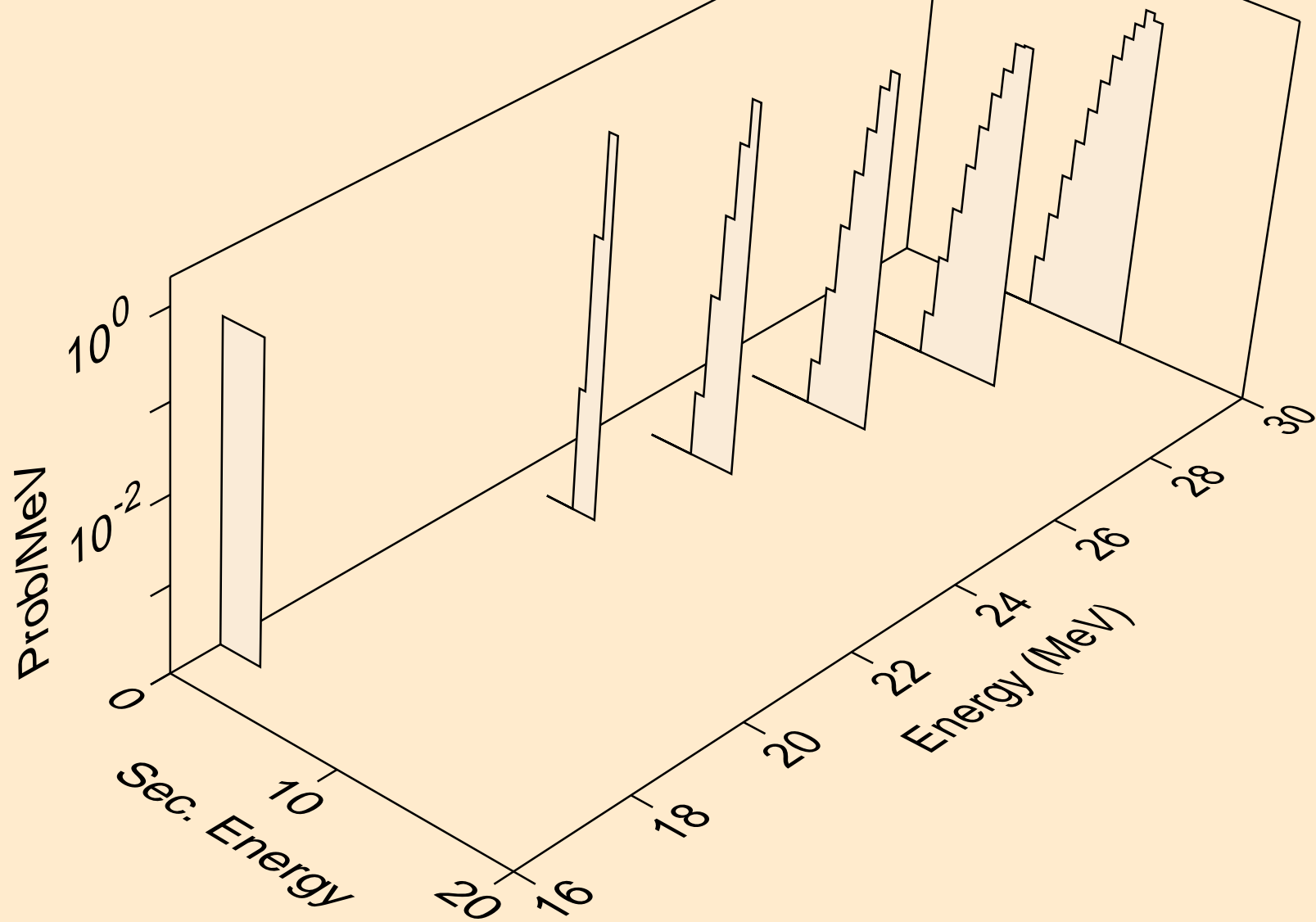
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tritons from (n,pt)



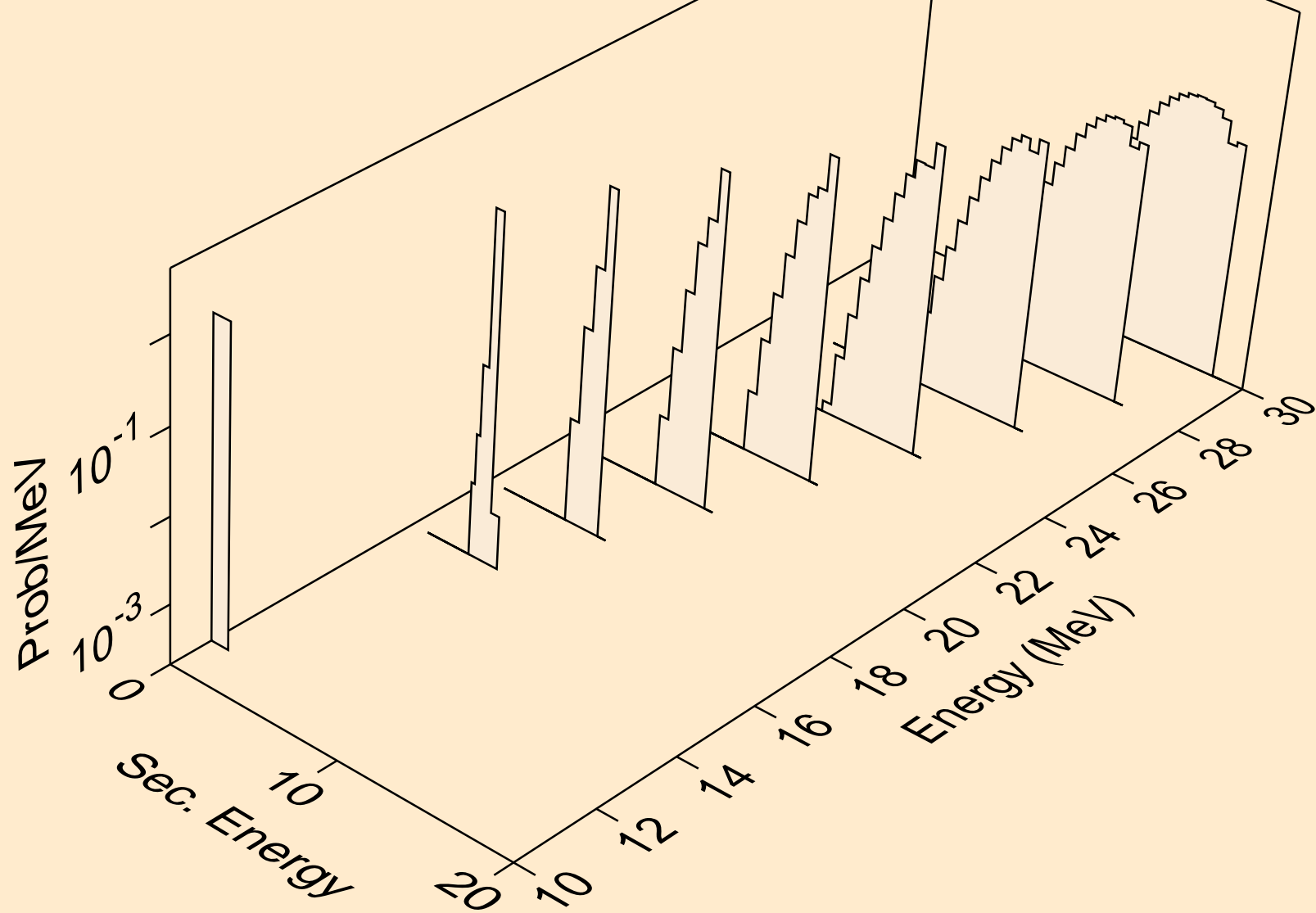
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he3s from (n,x)



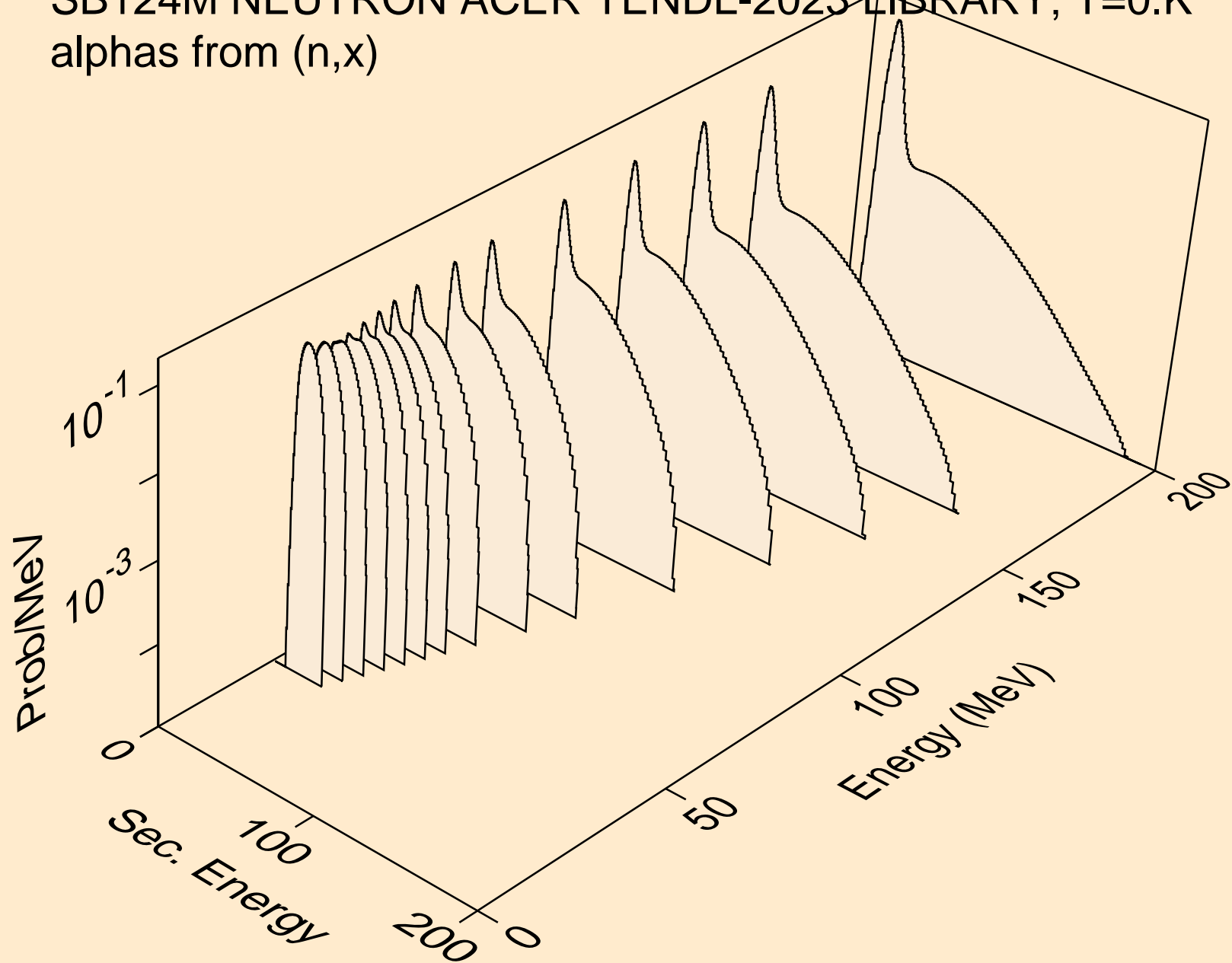
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he3s from (n,n\*)he3



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

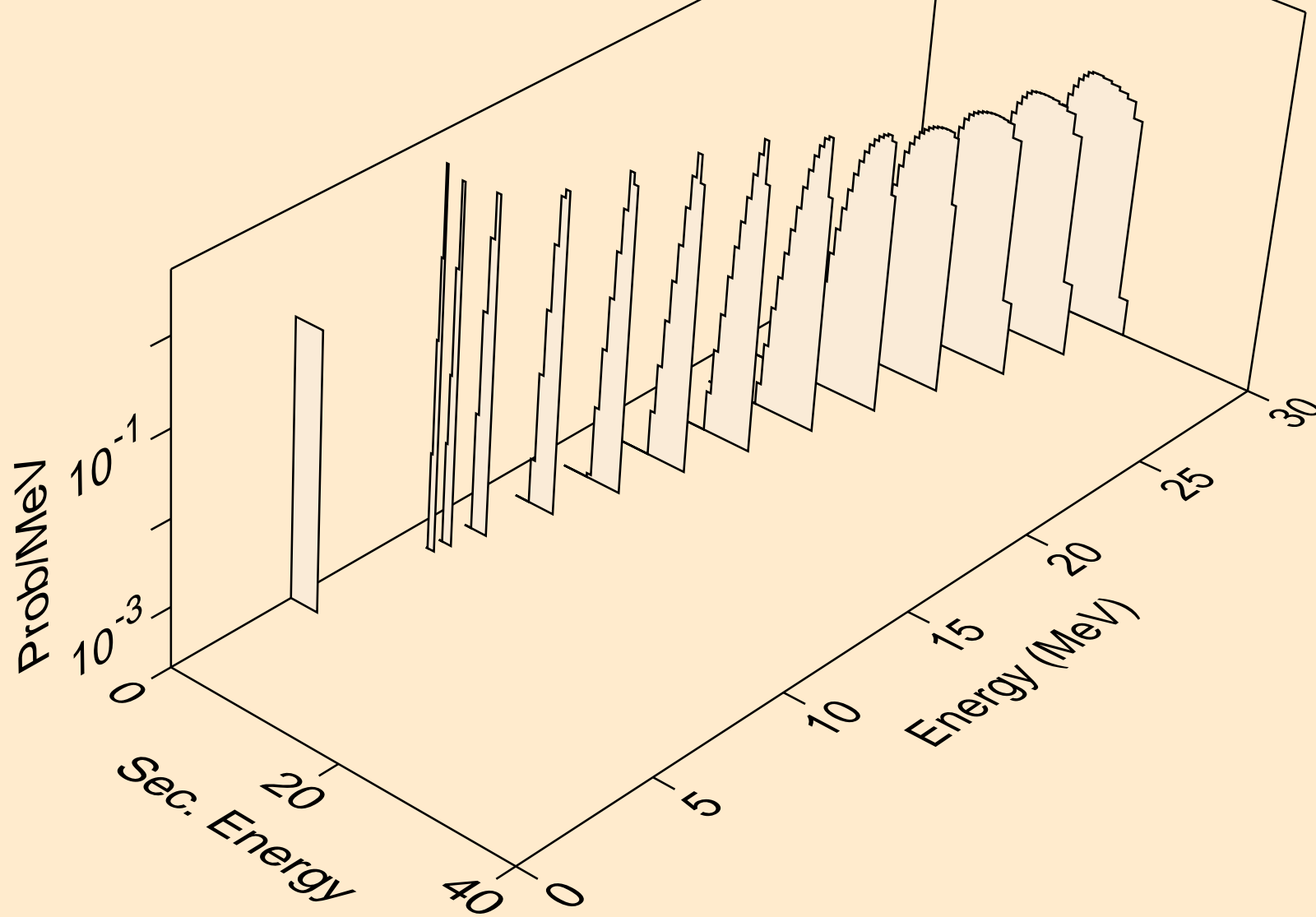


SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

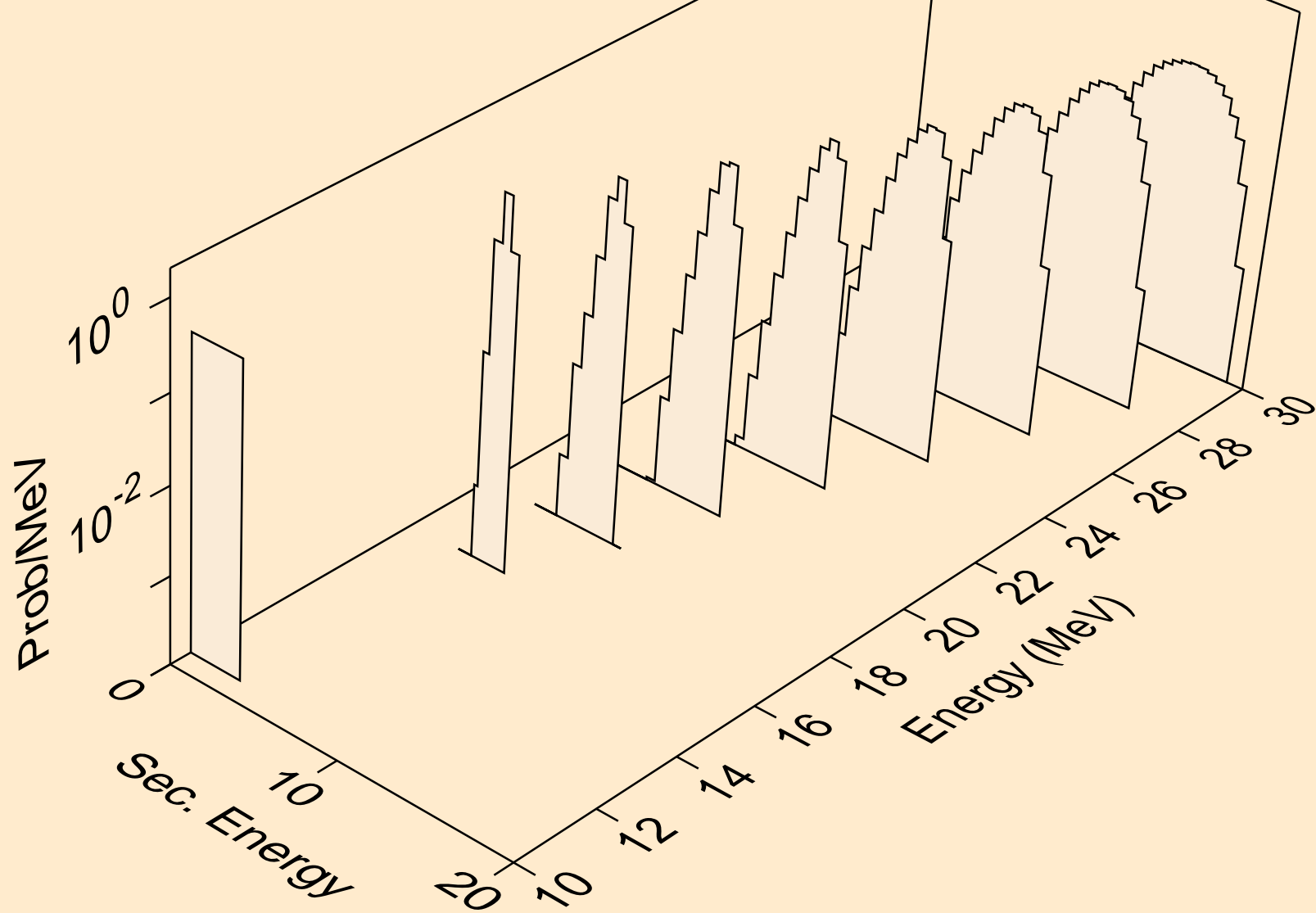




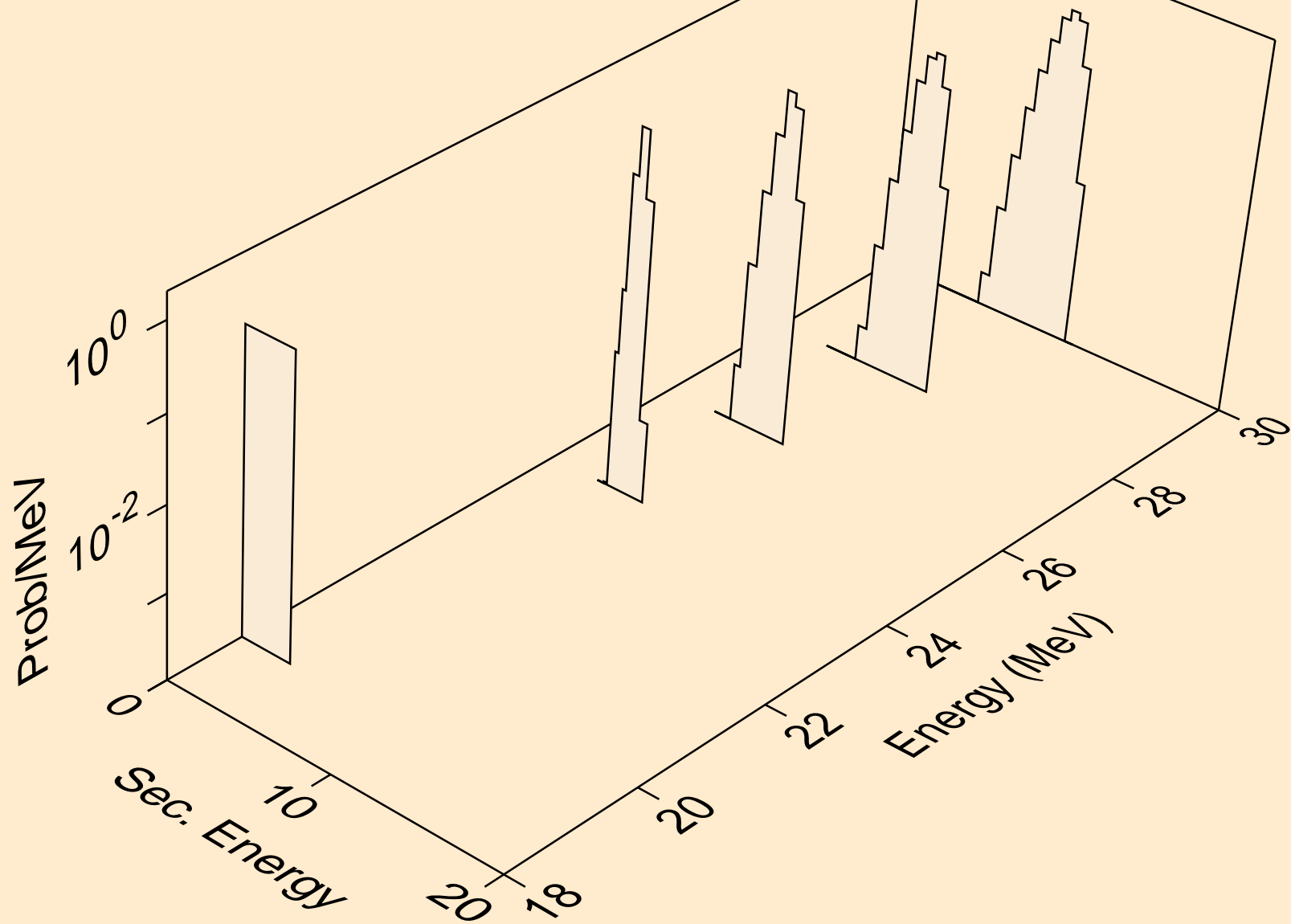
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alphas from (n,n\*)a



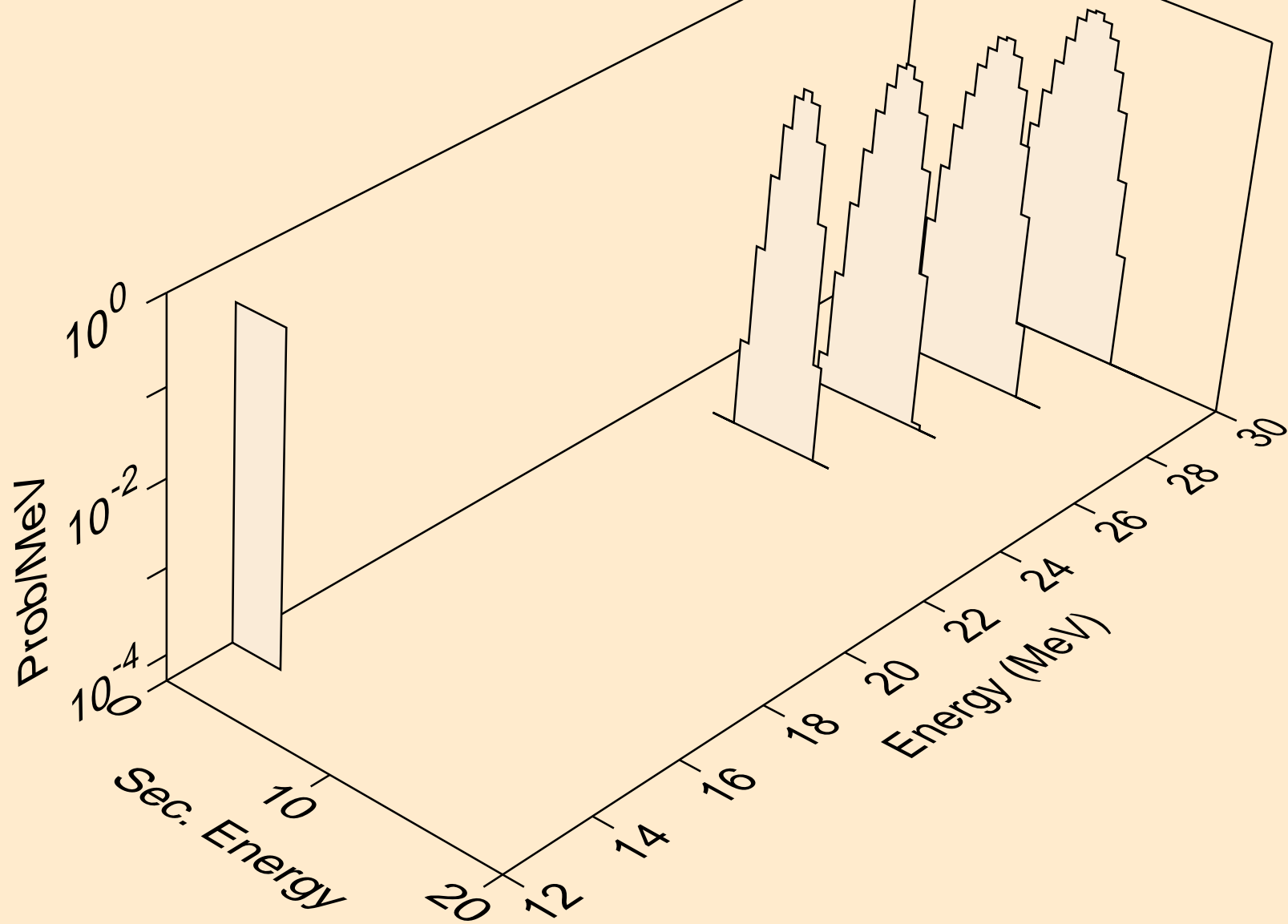
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alphas from (n,2n)a



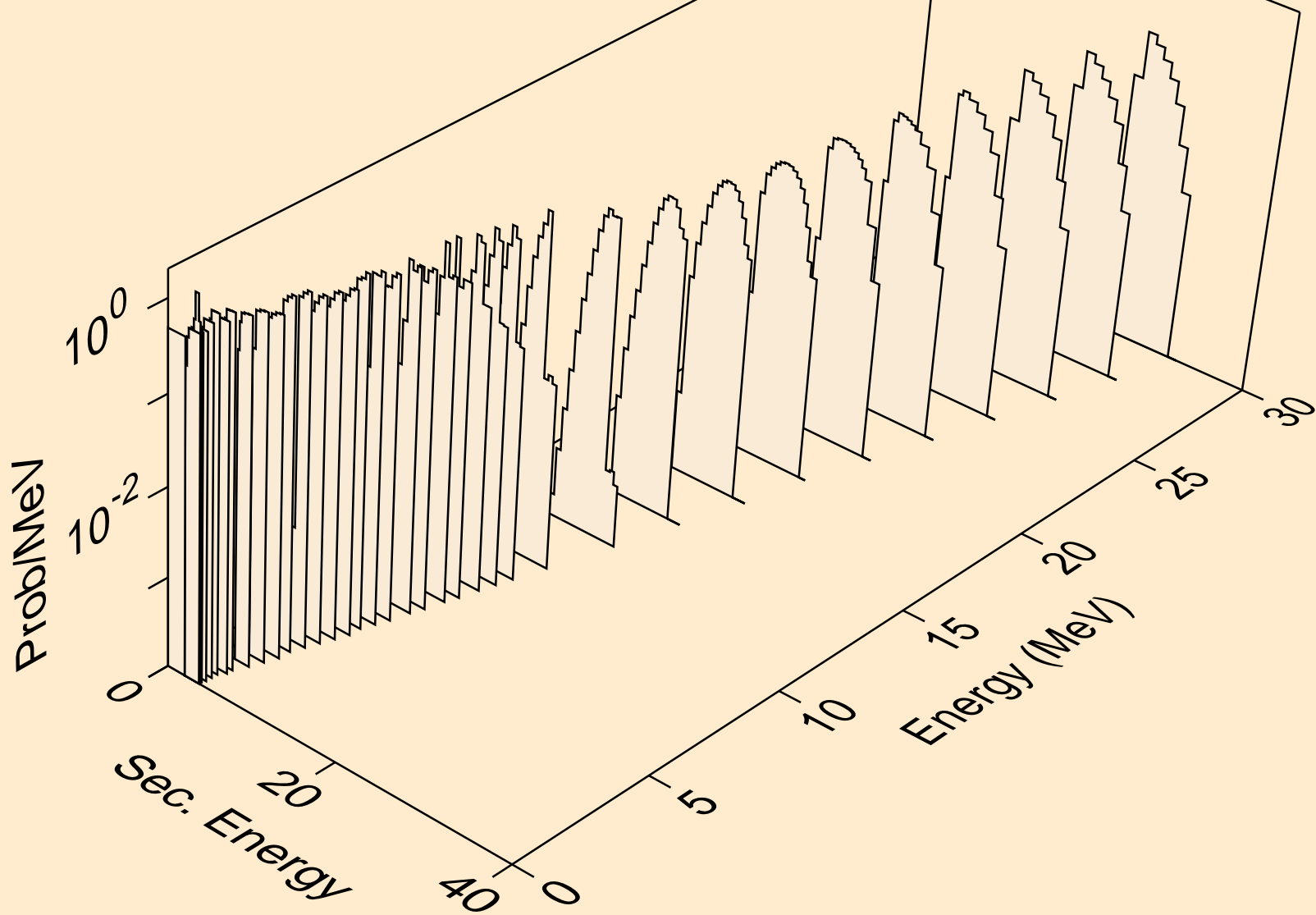
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alphas from (n,3n)a



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SB124M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

