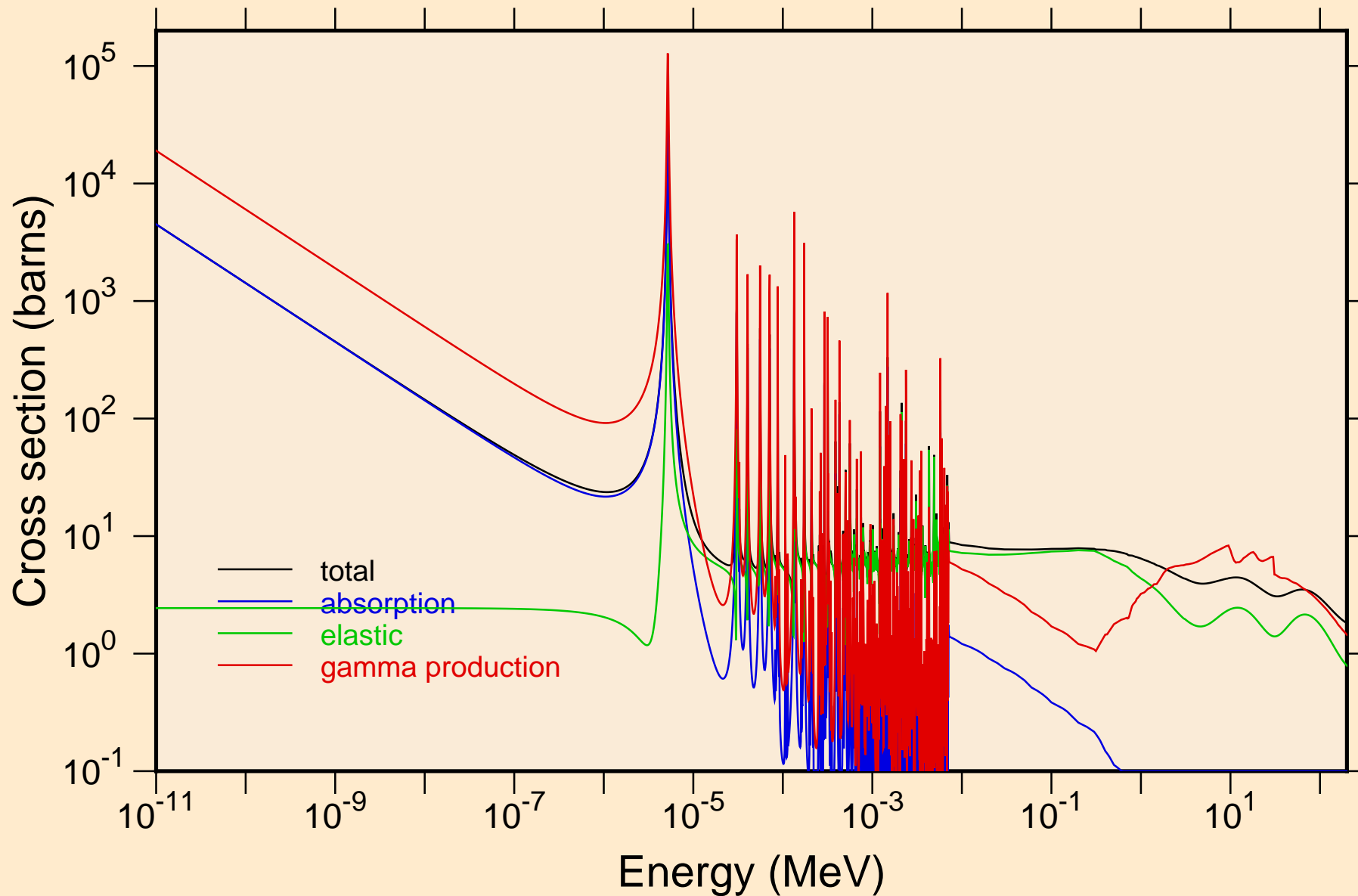
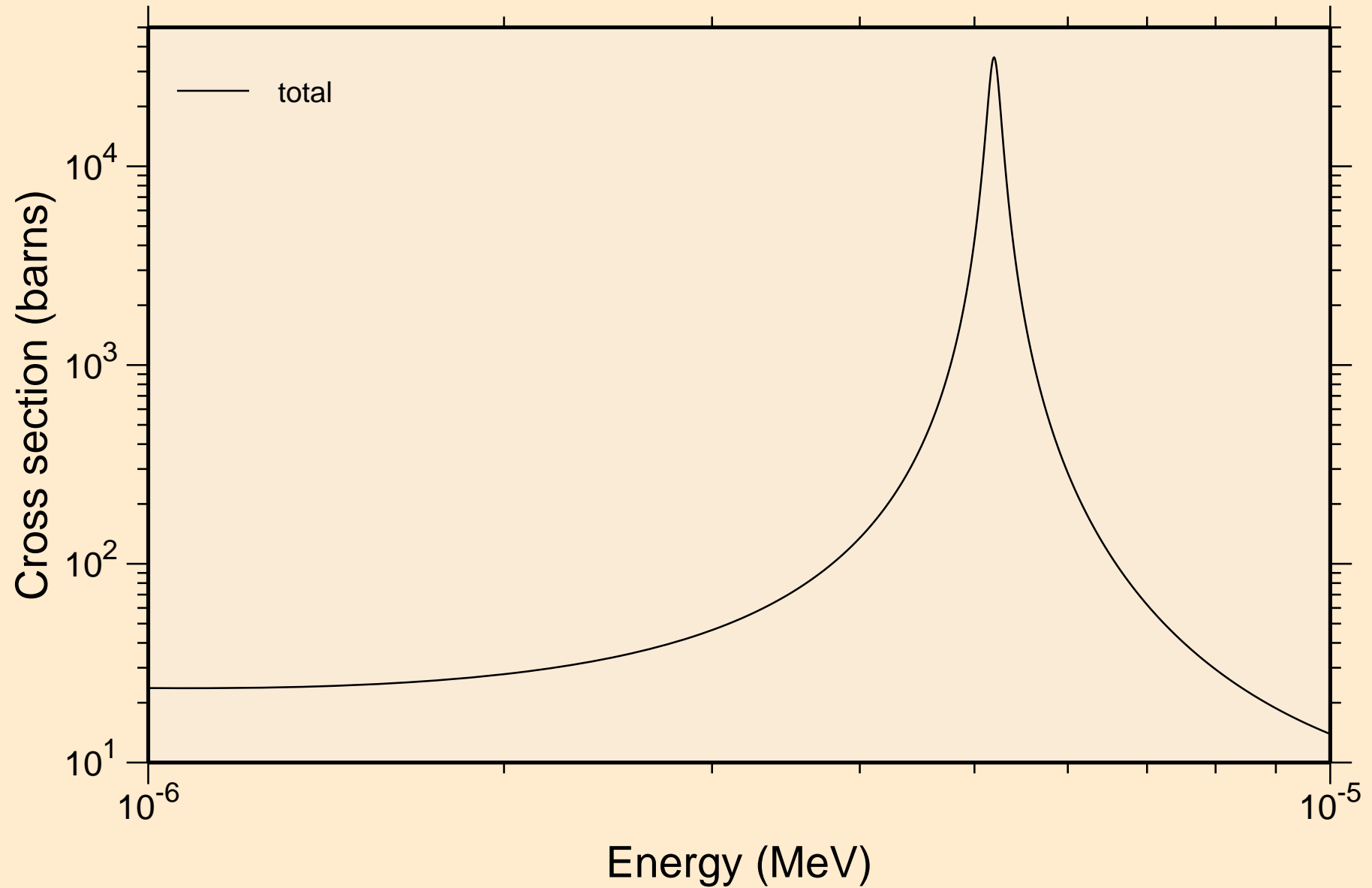


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

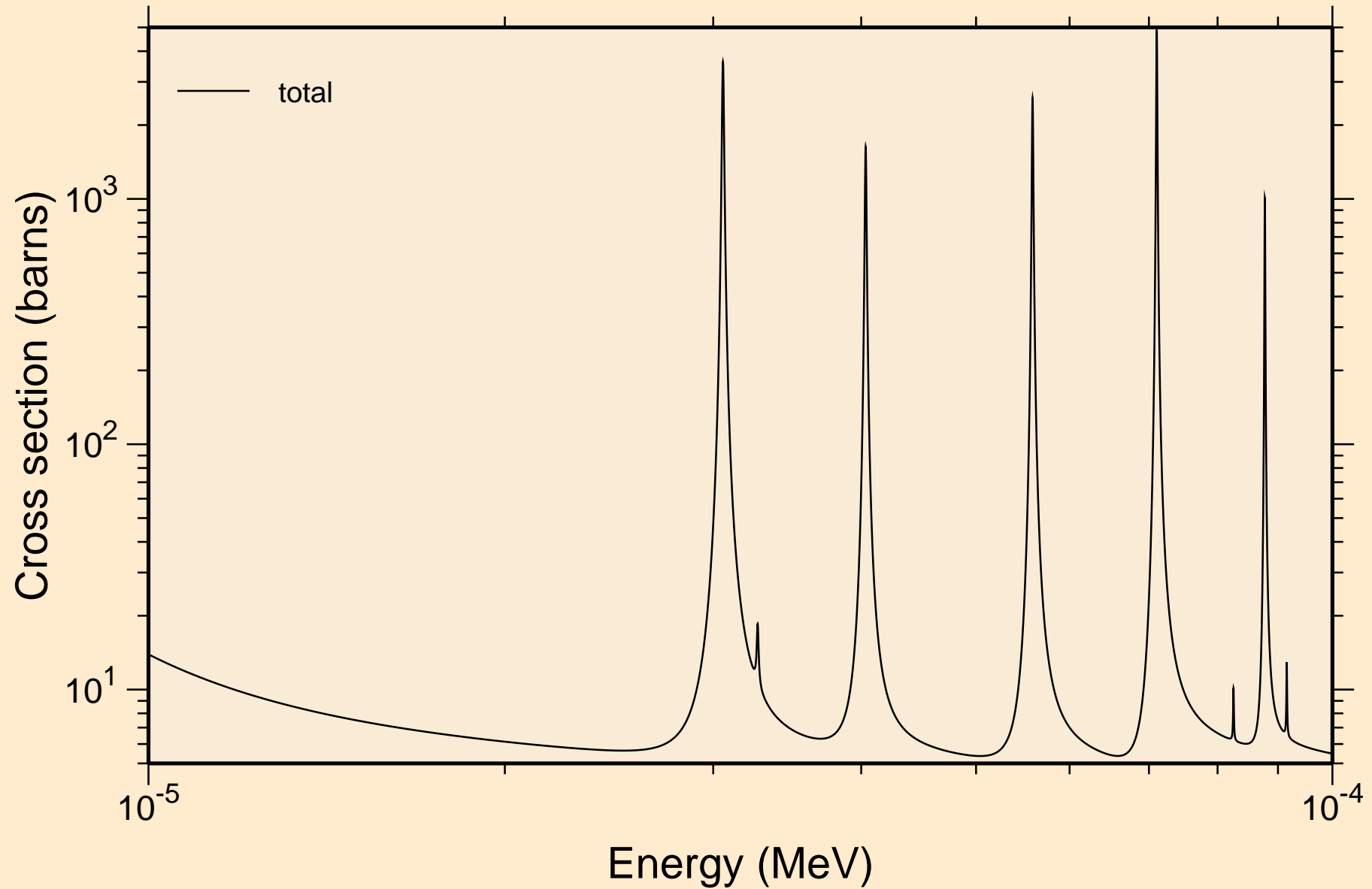
## Principal cross sections



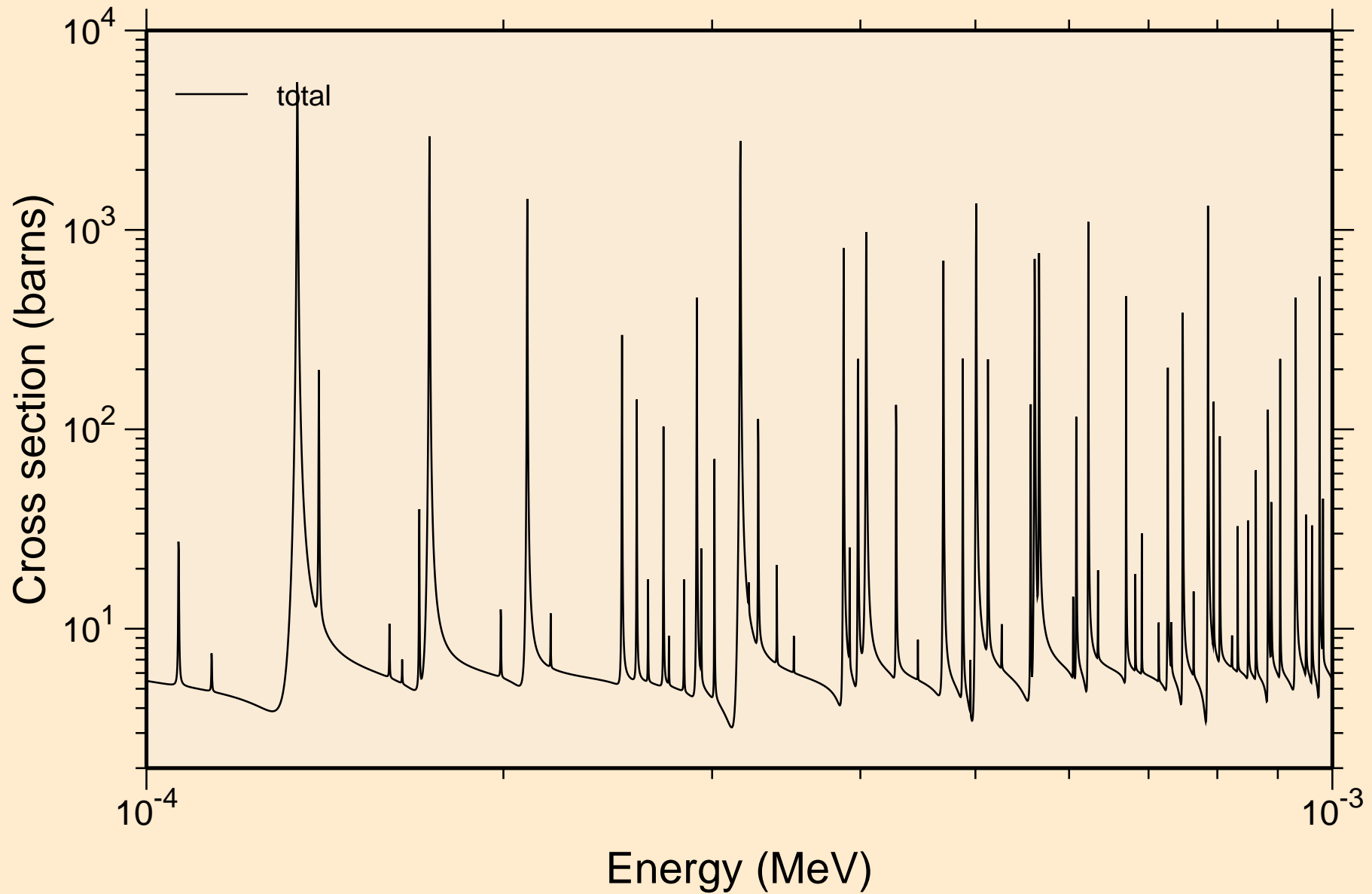
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



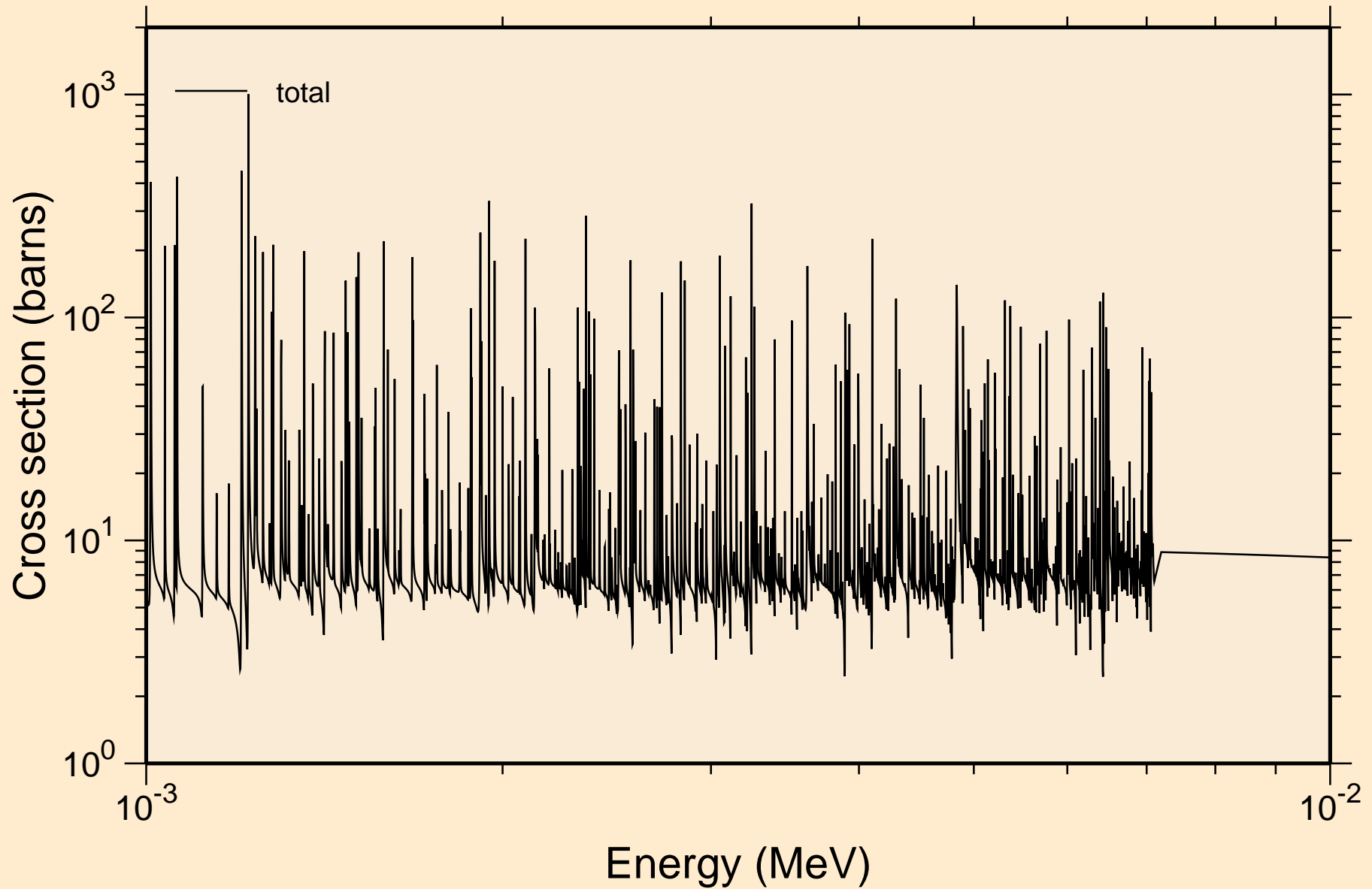
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



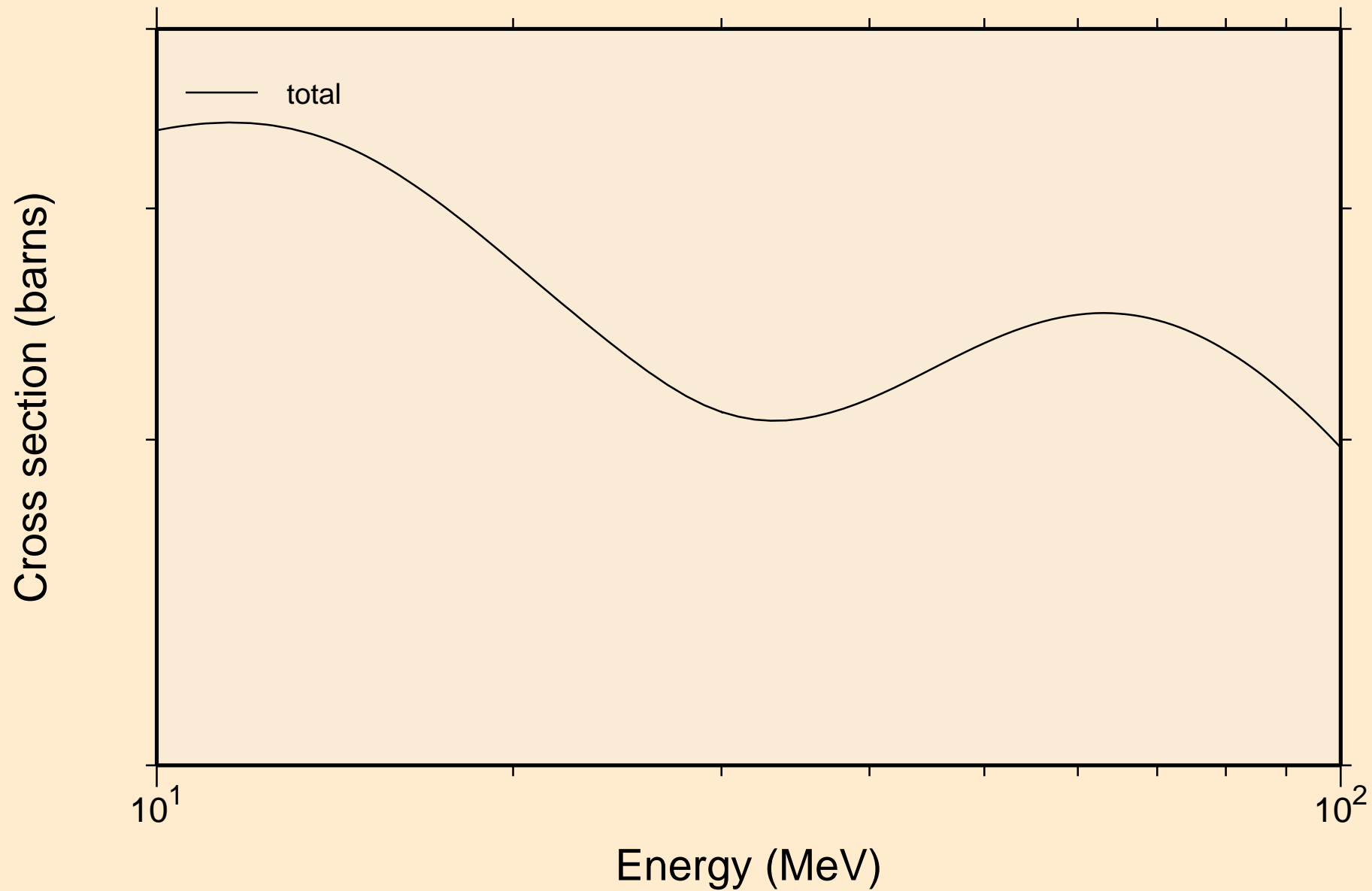
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



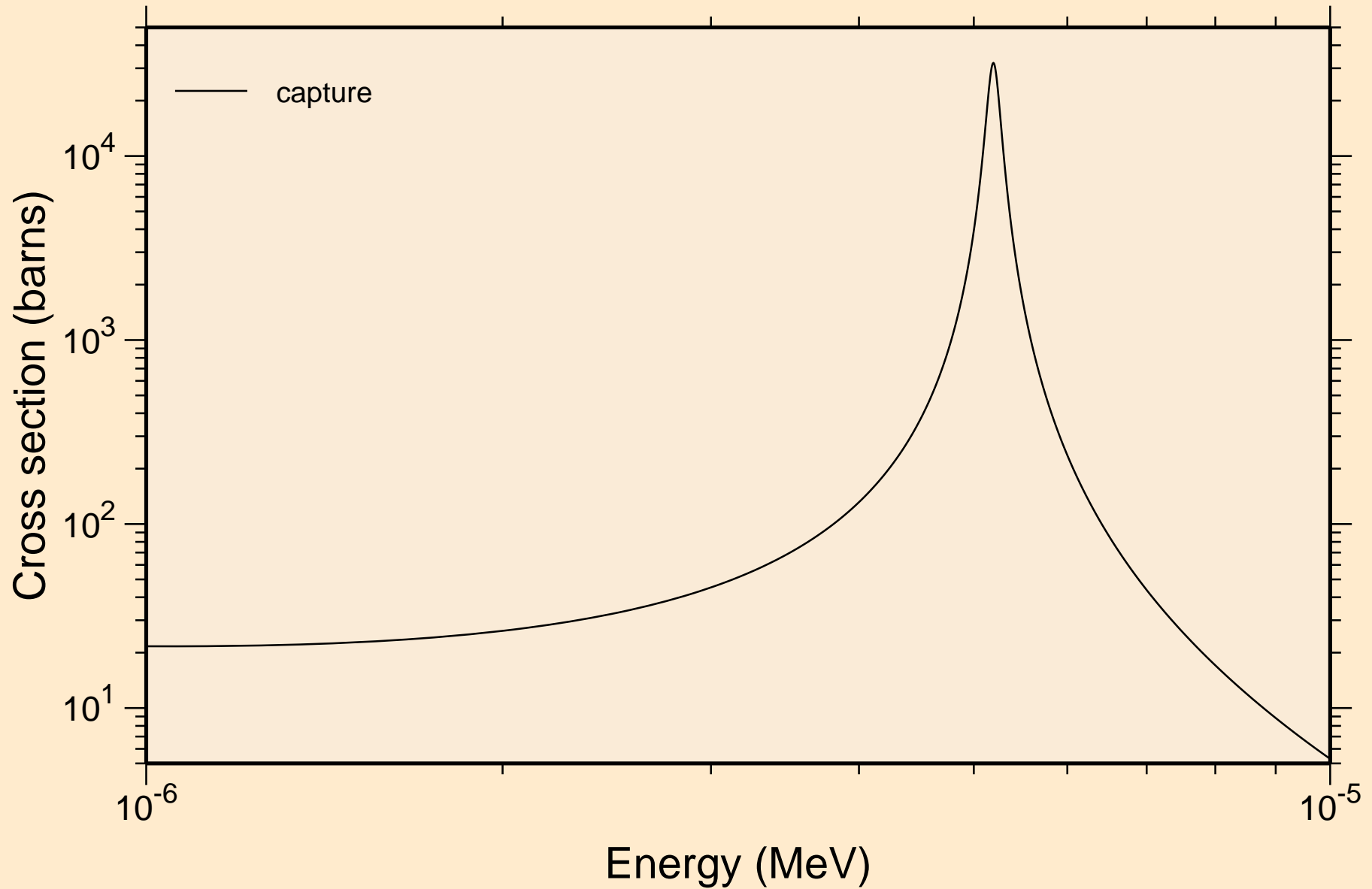
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



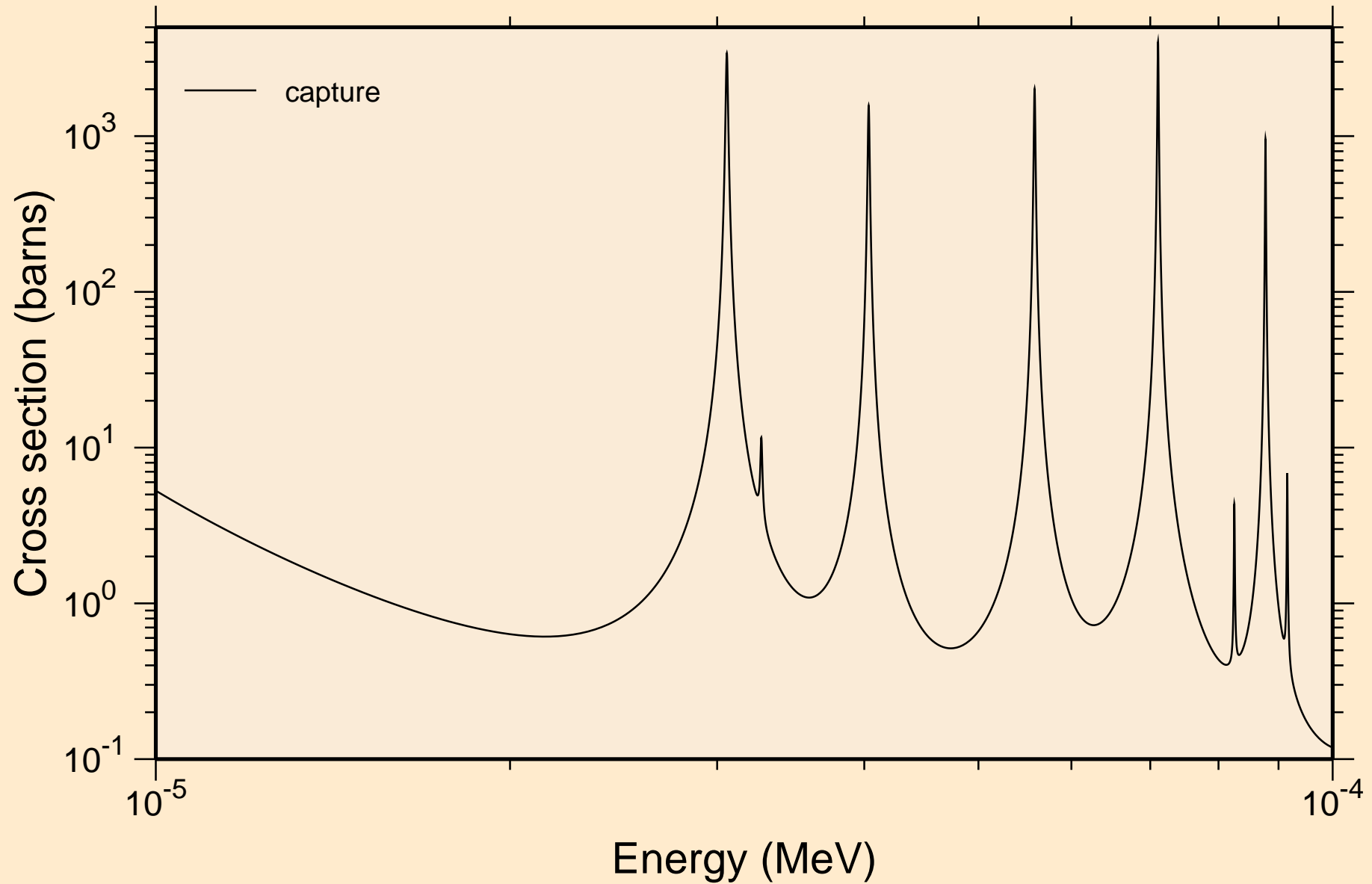
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

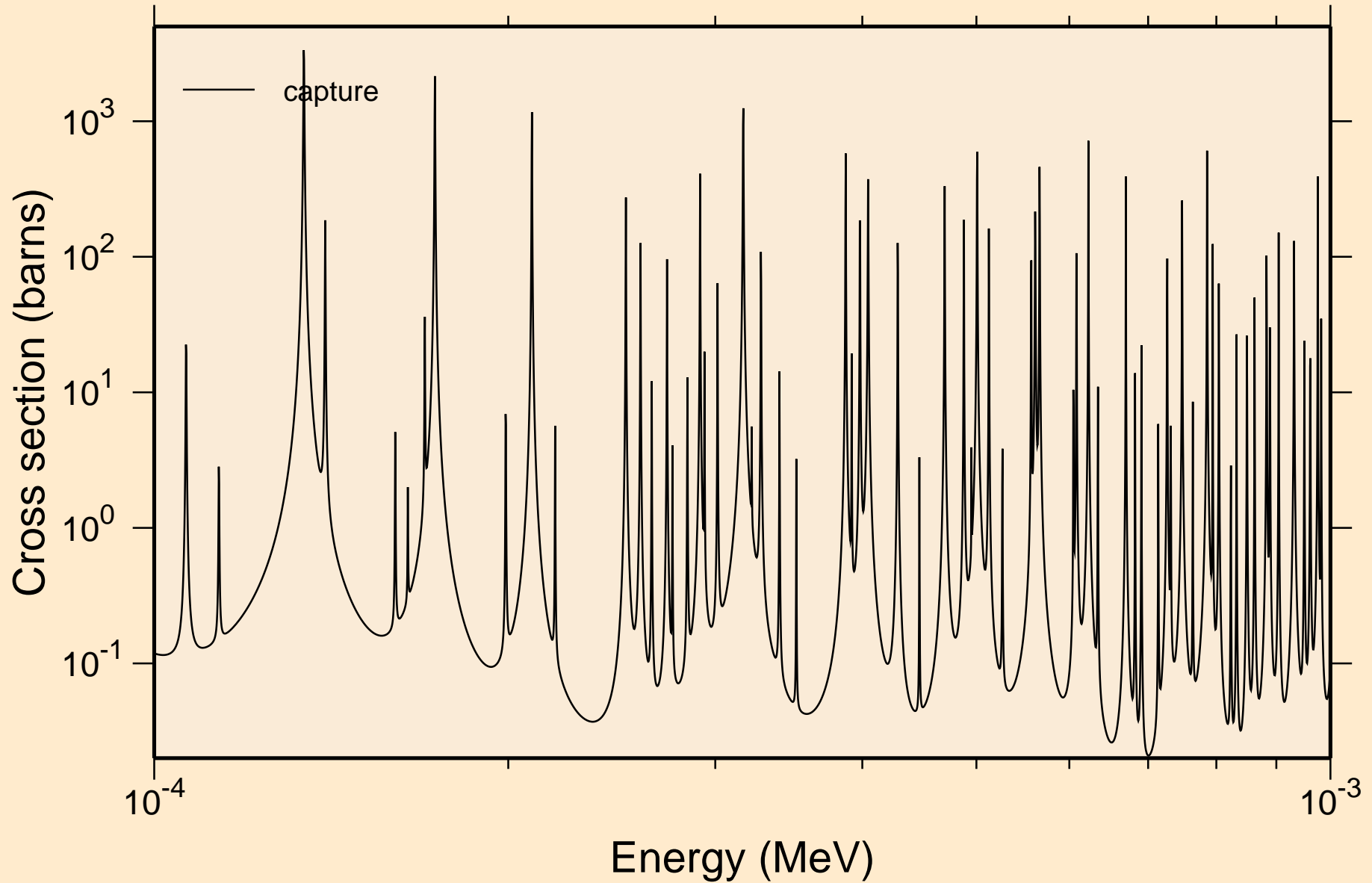


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

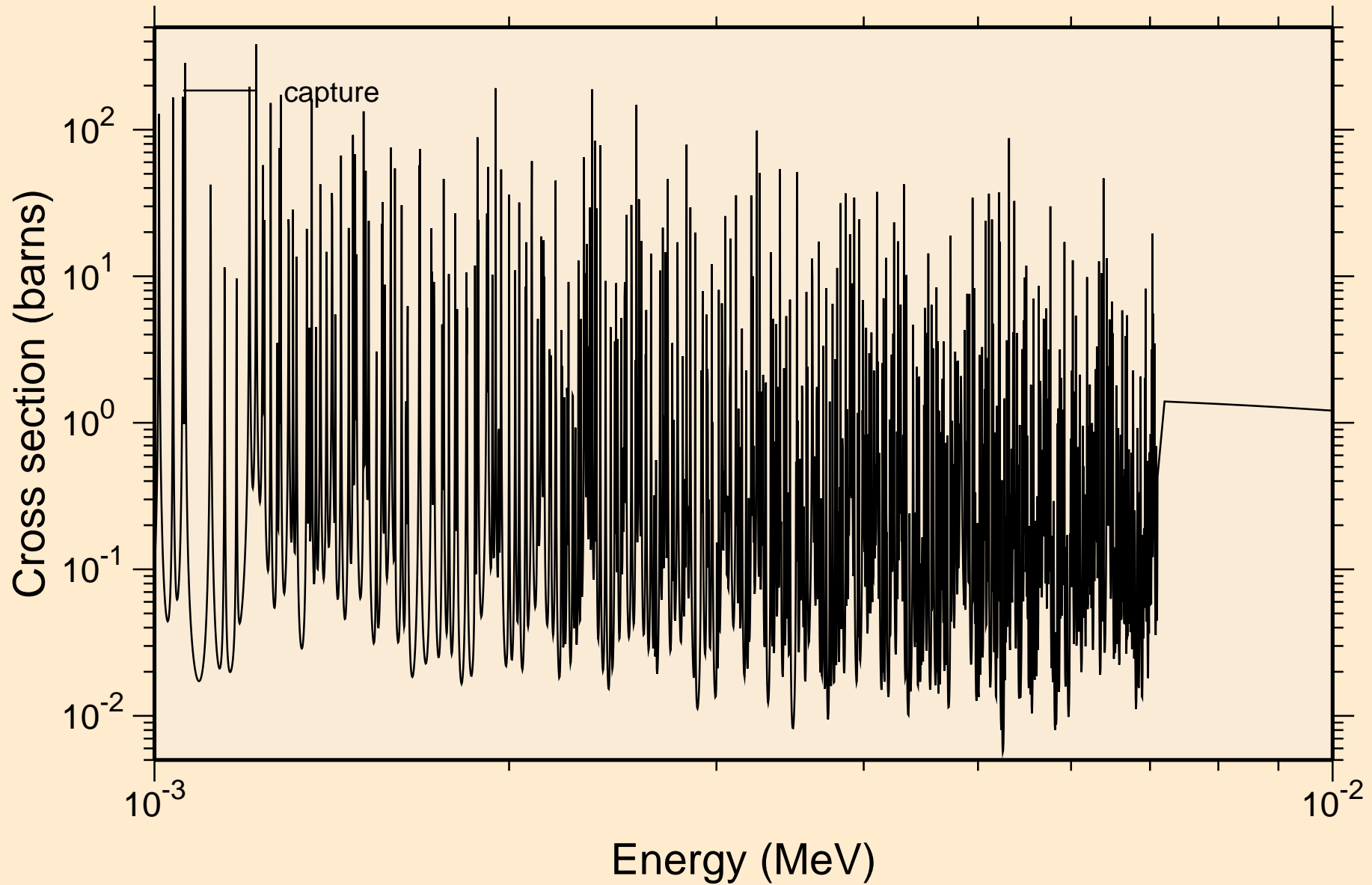




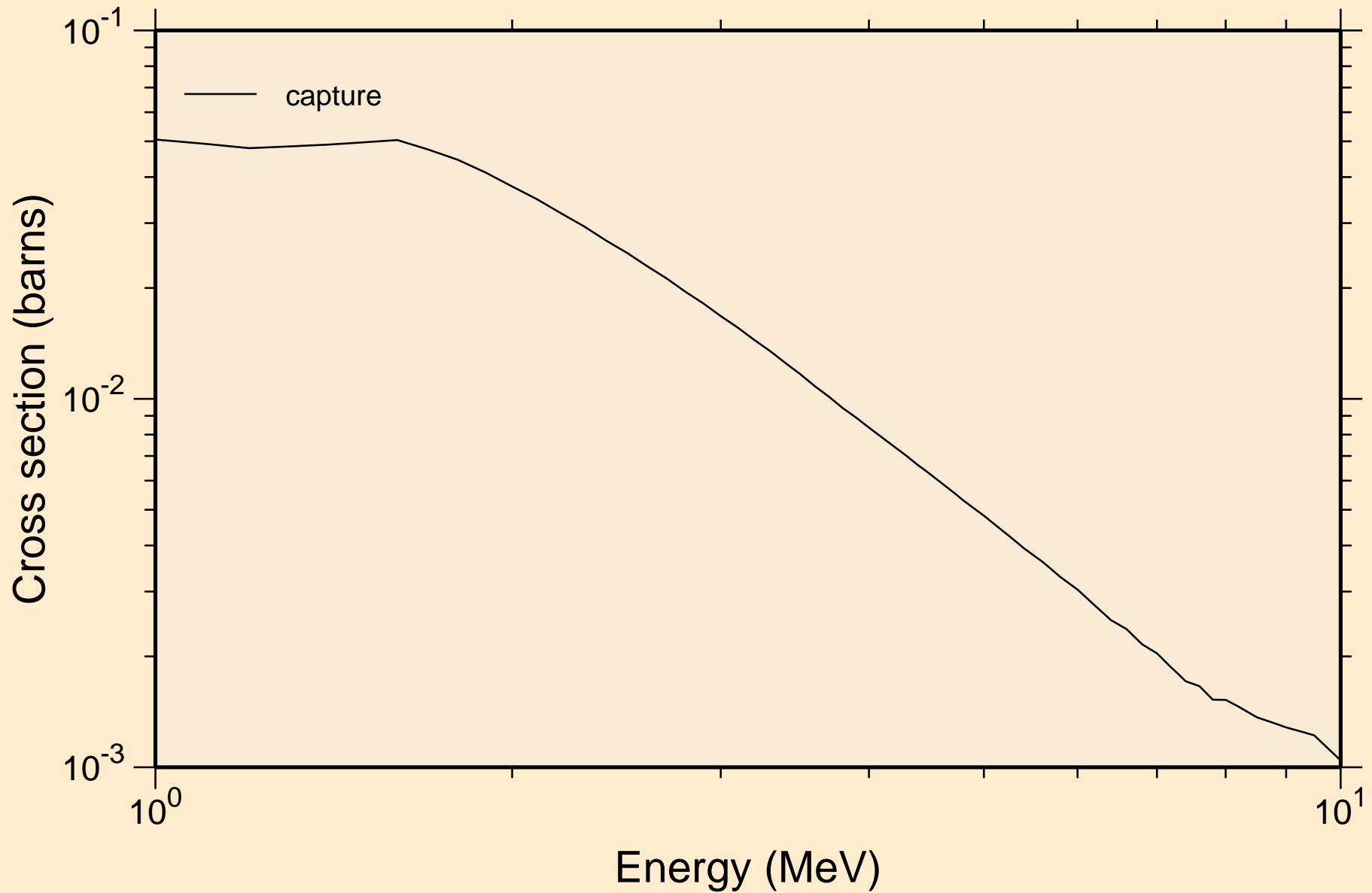
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

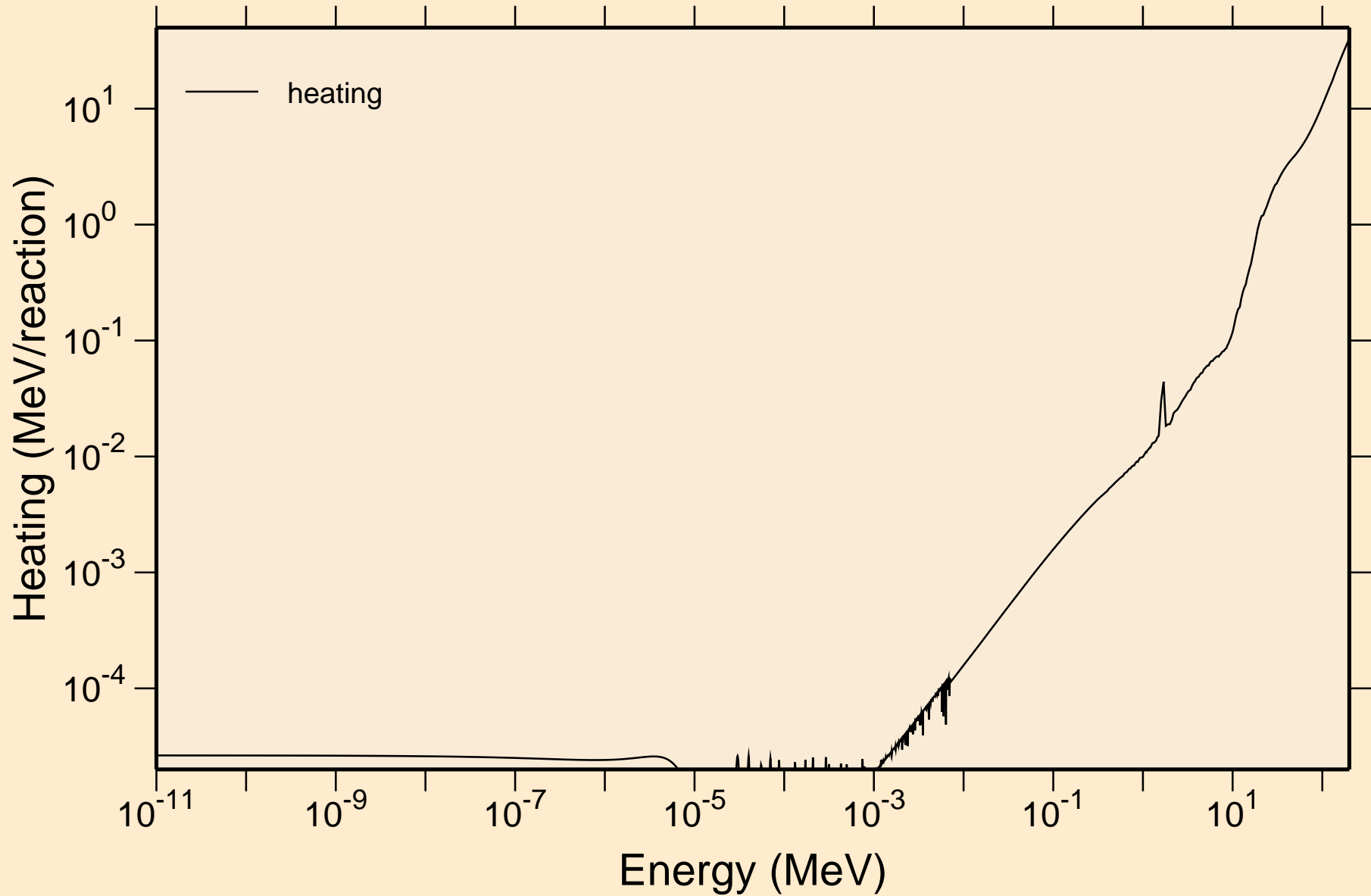


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

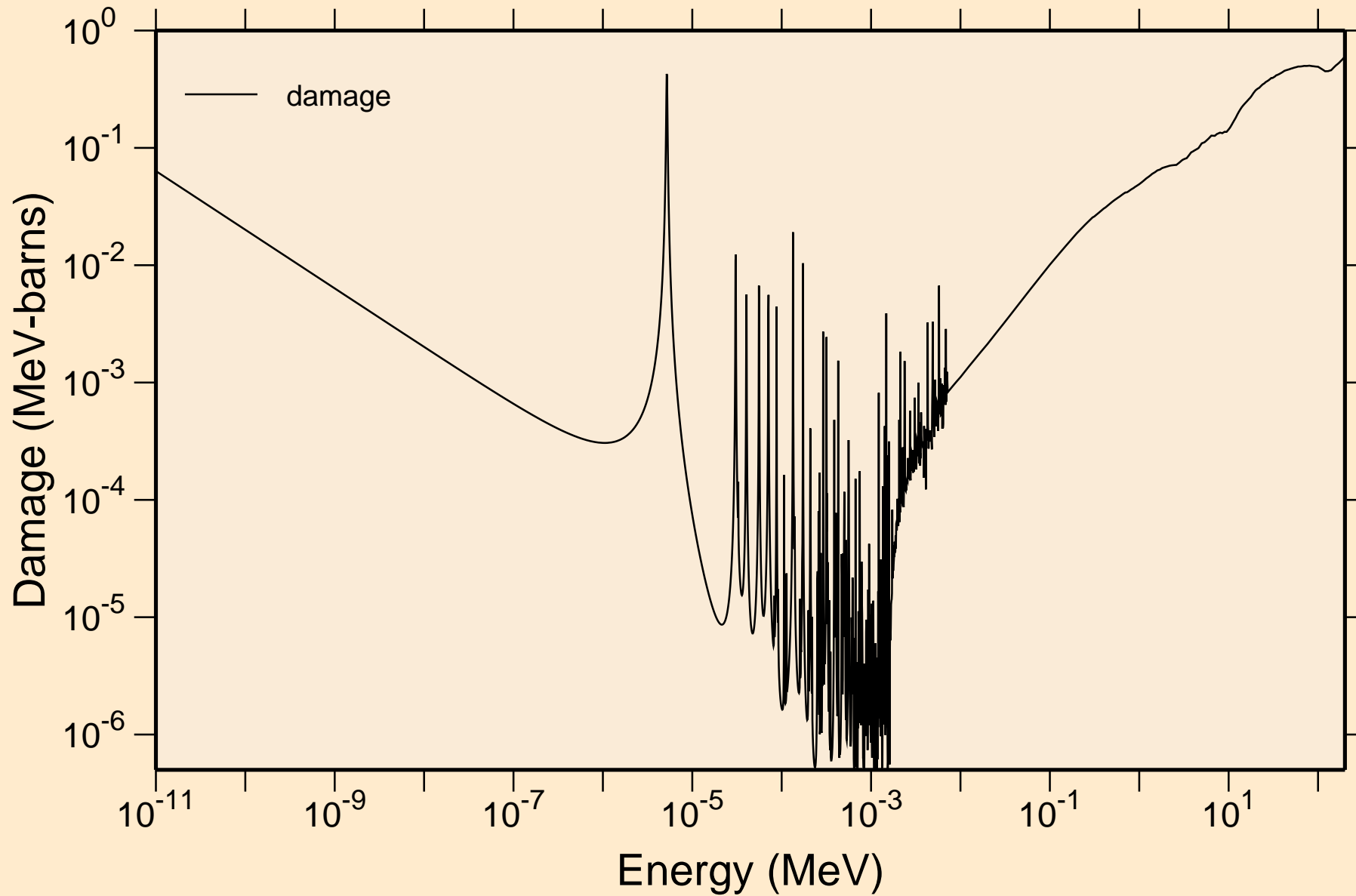


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

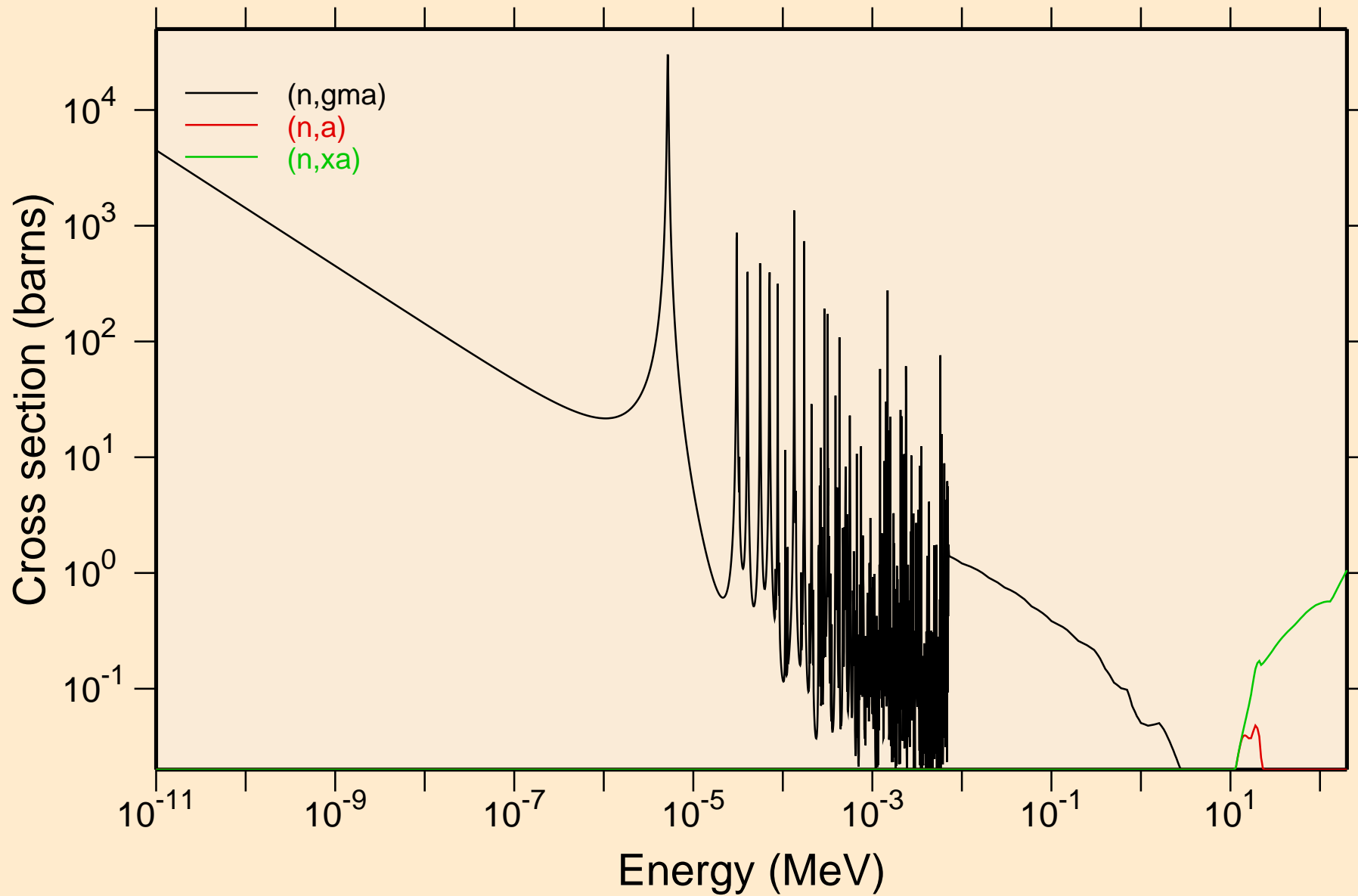
## Heating



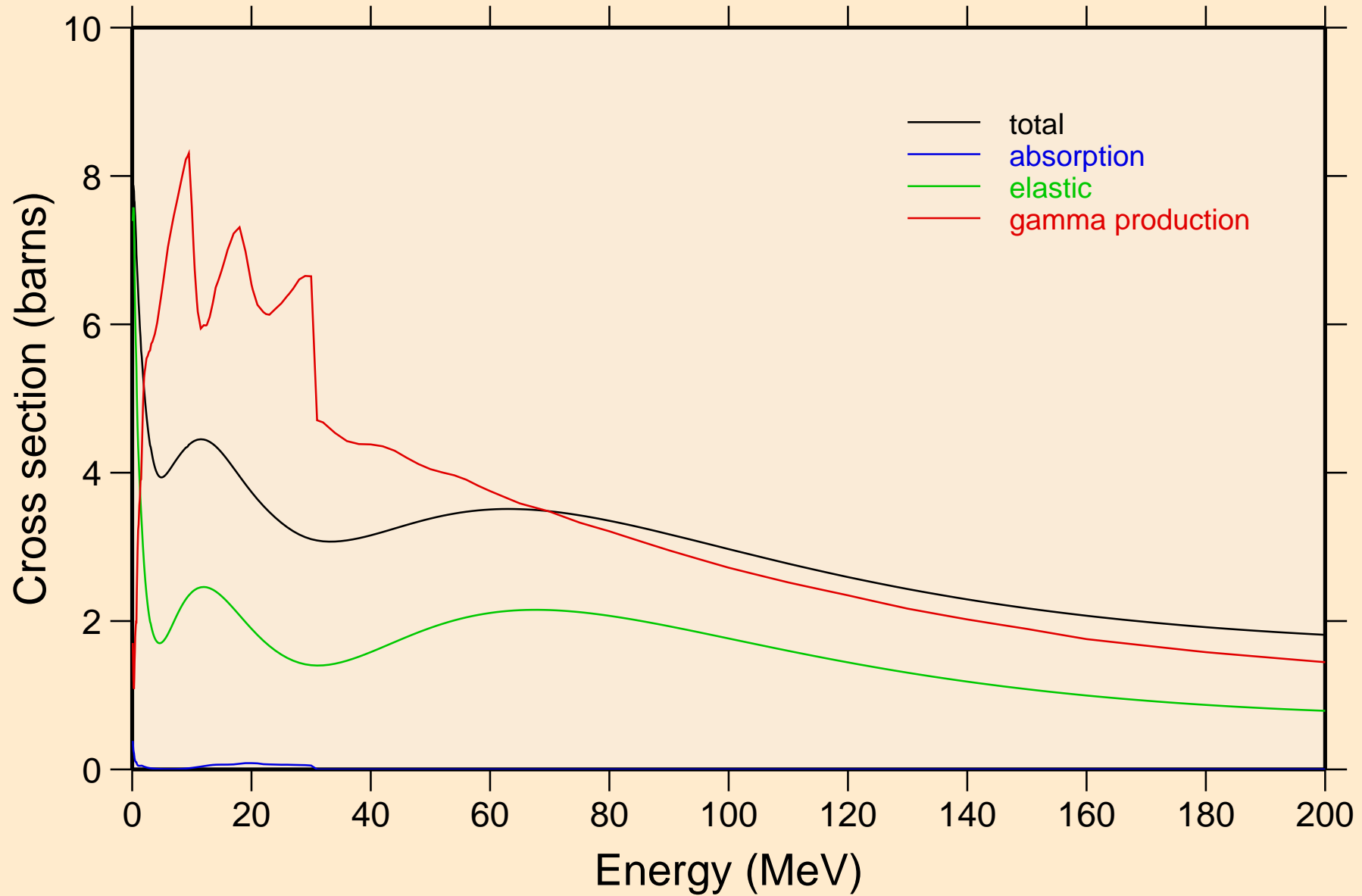
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

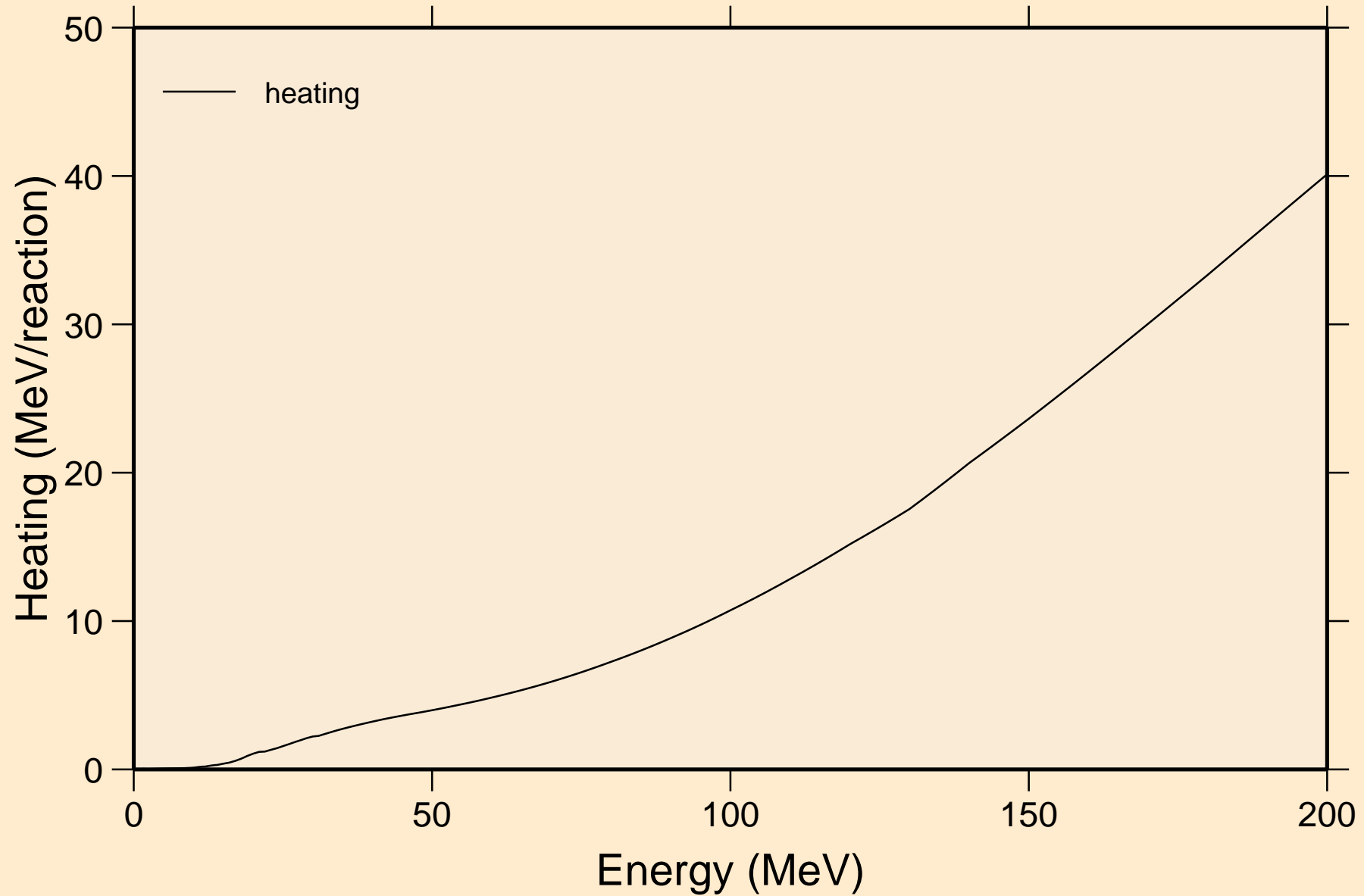


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

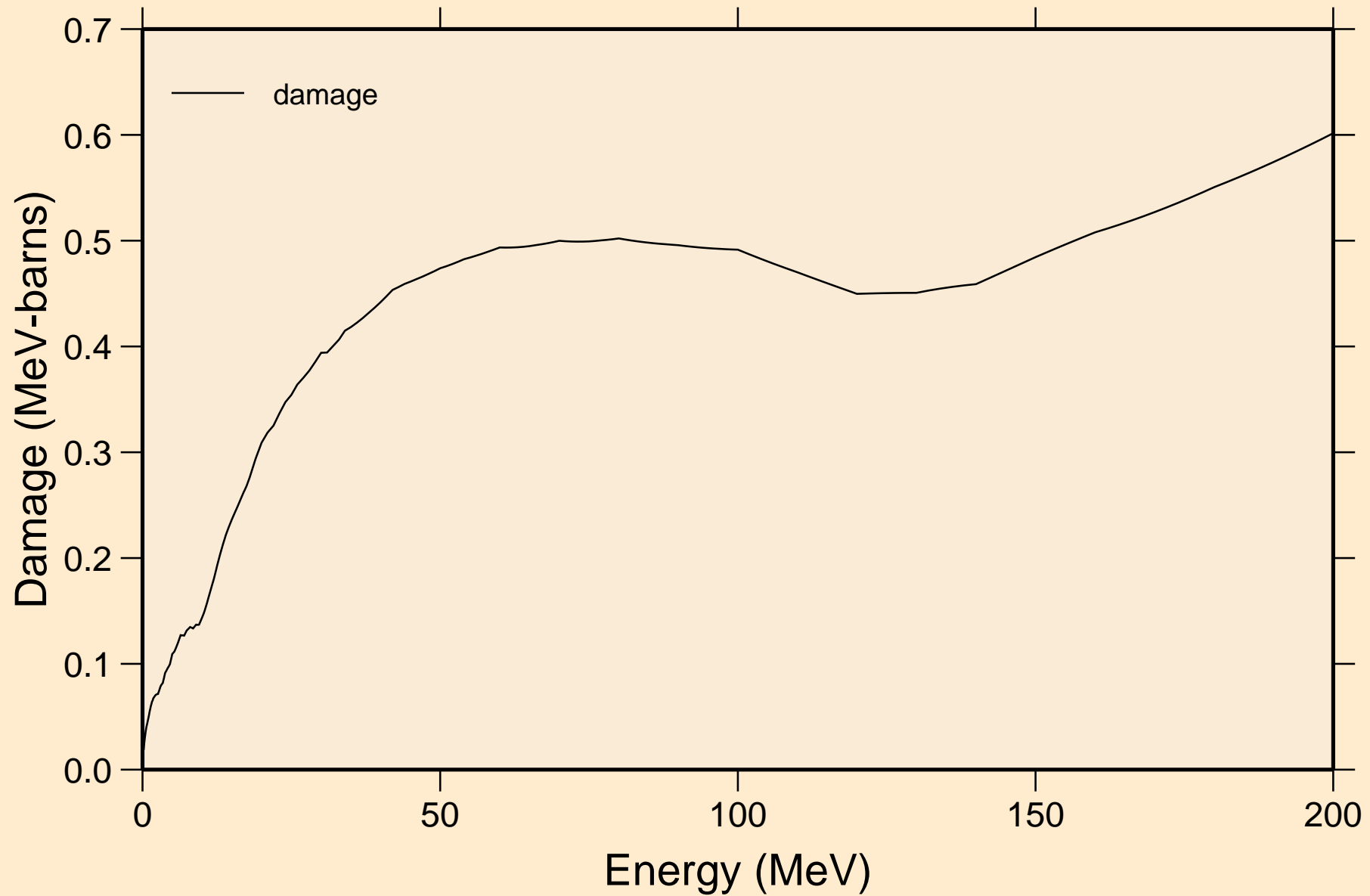
## Heating



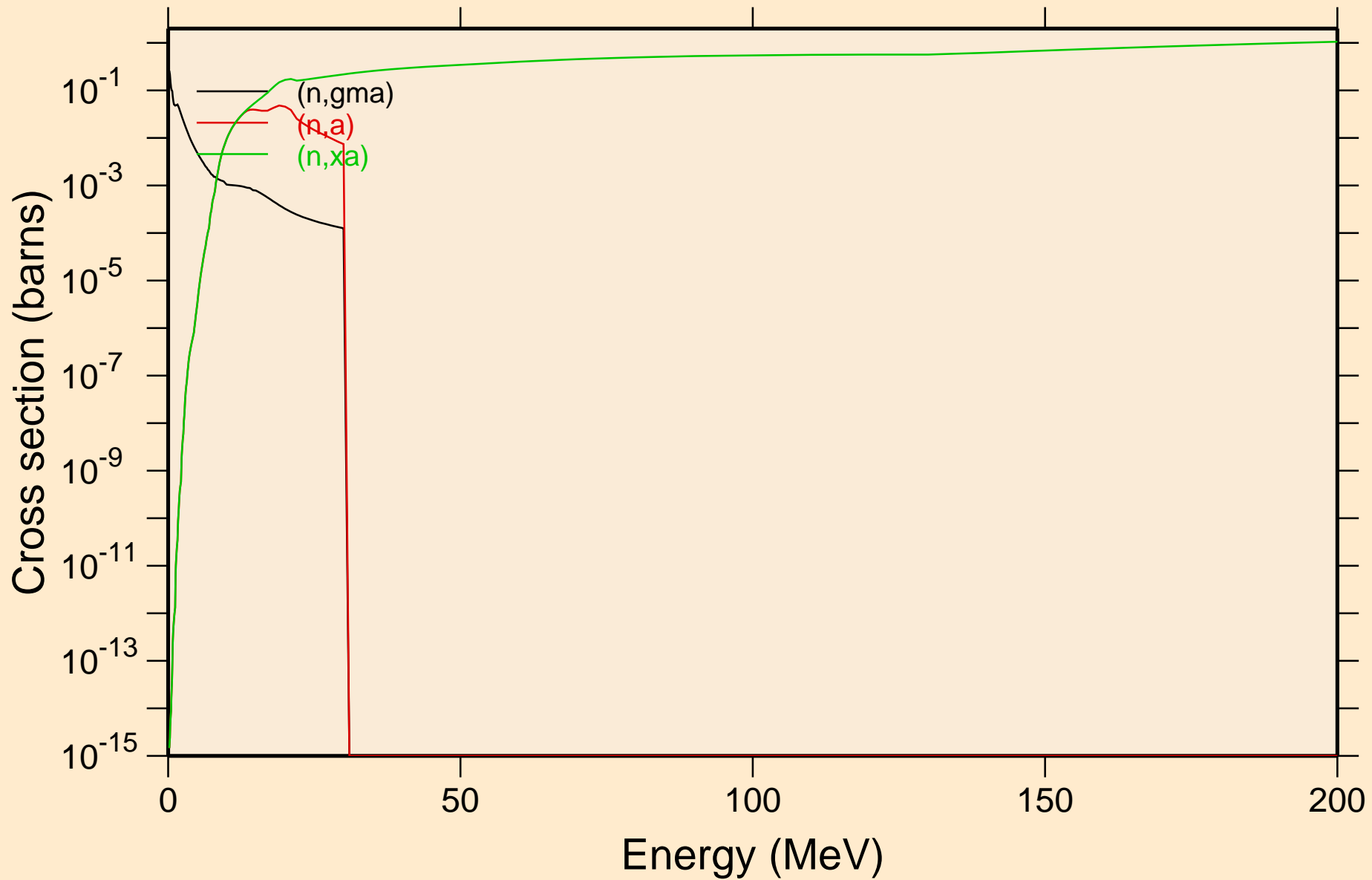


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

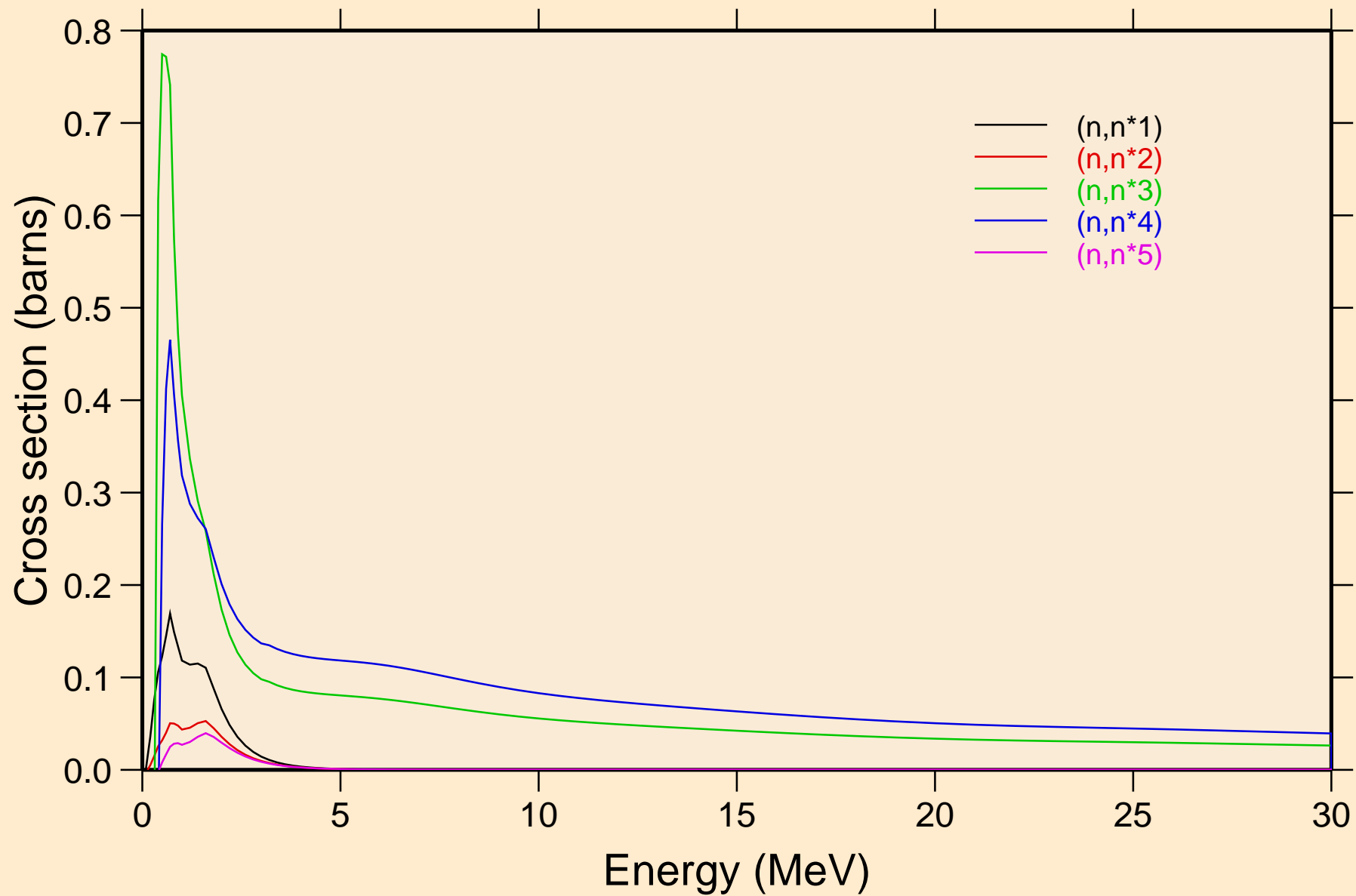
## Damage



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

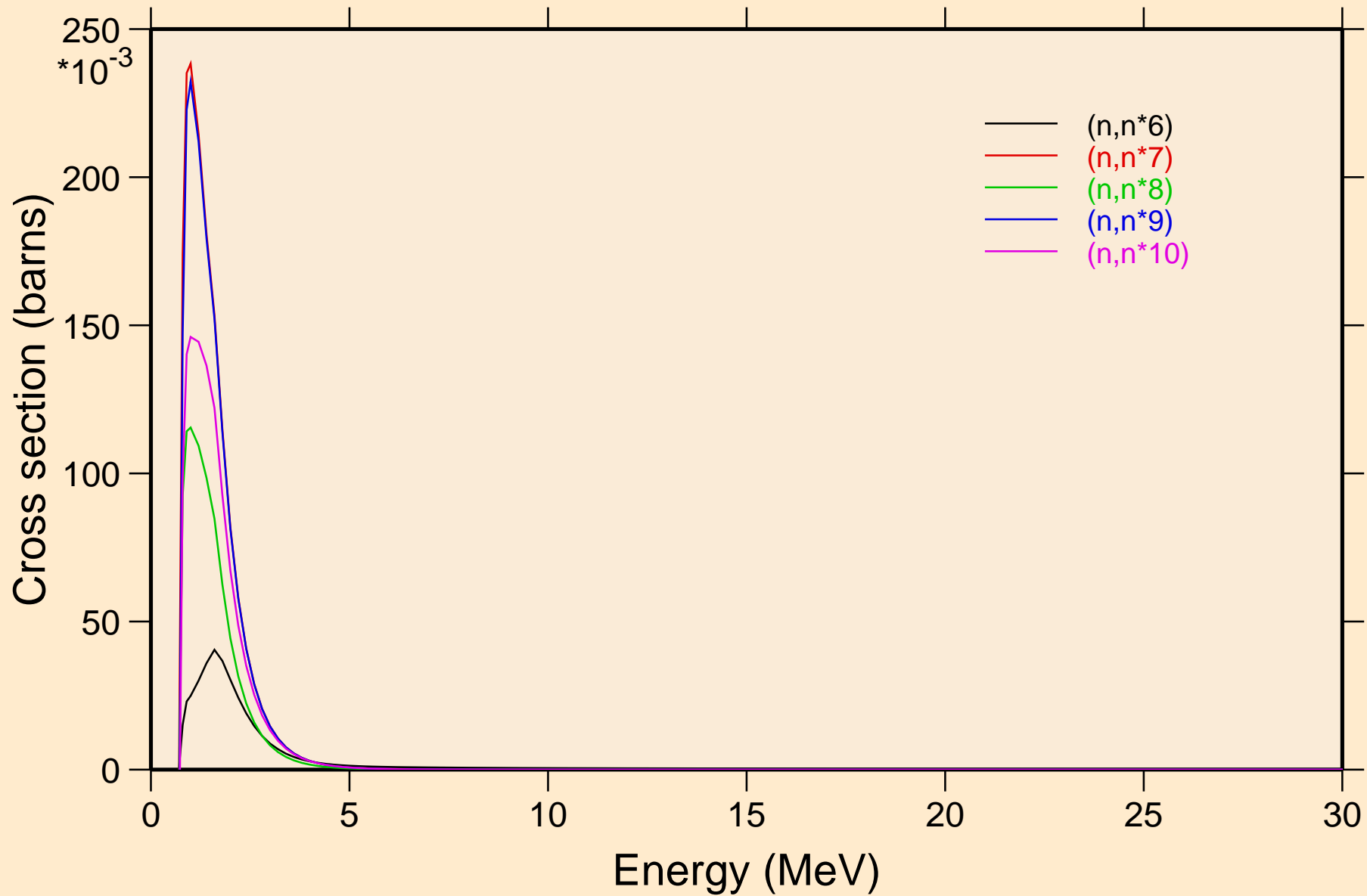


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



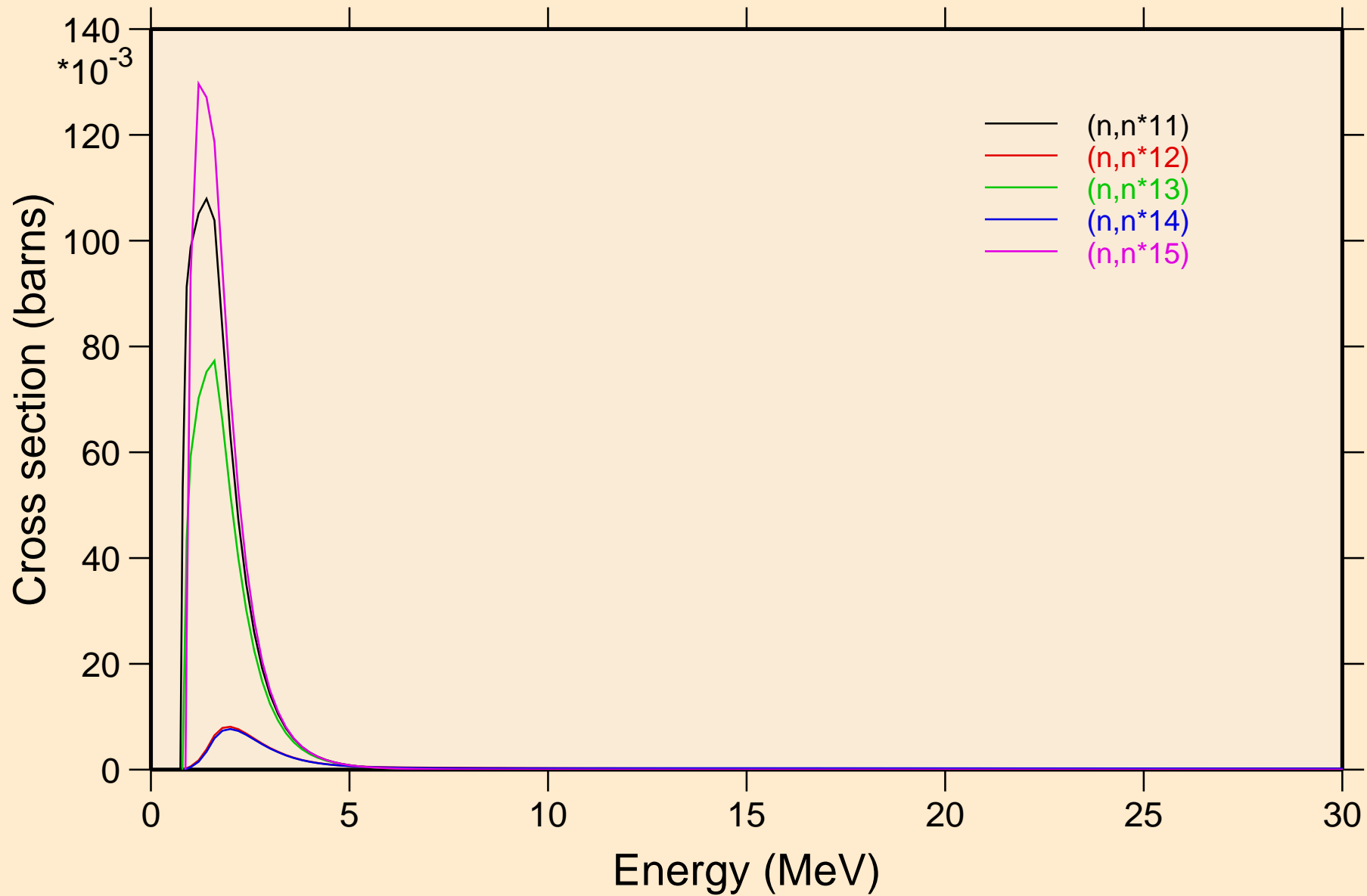
# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

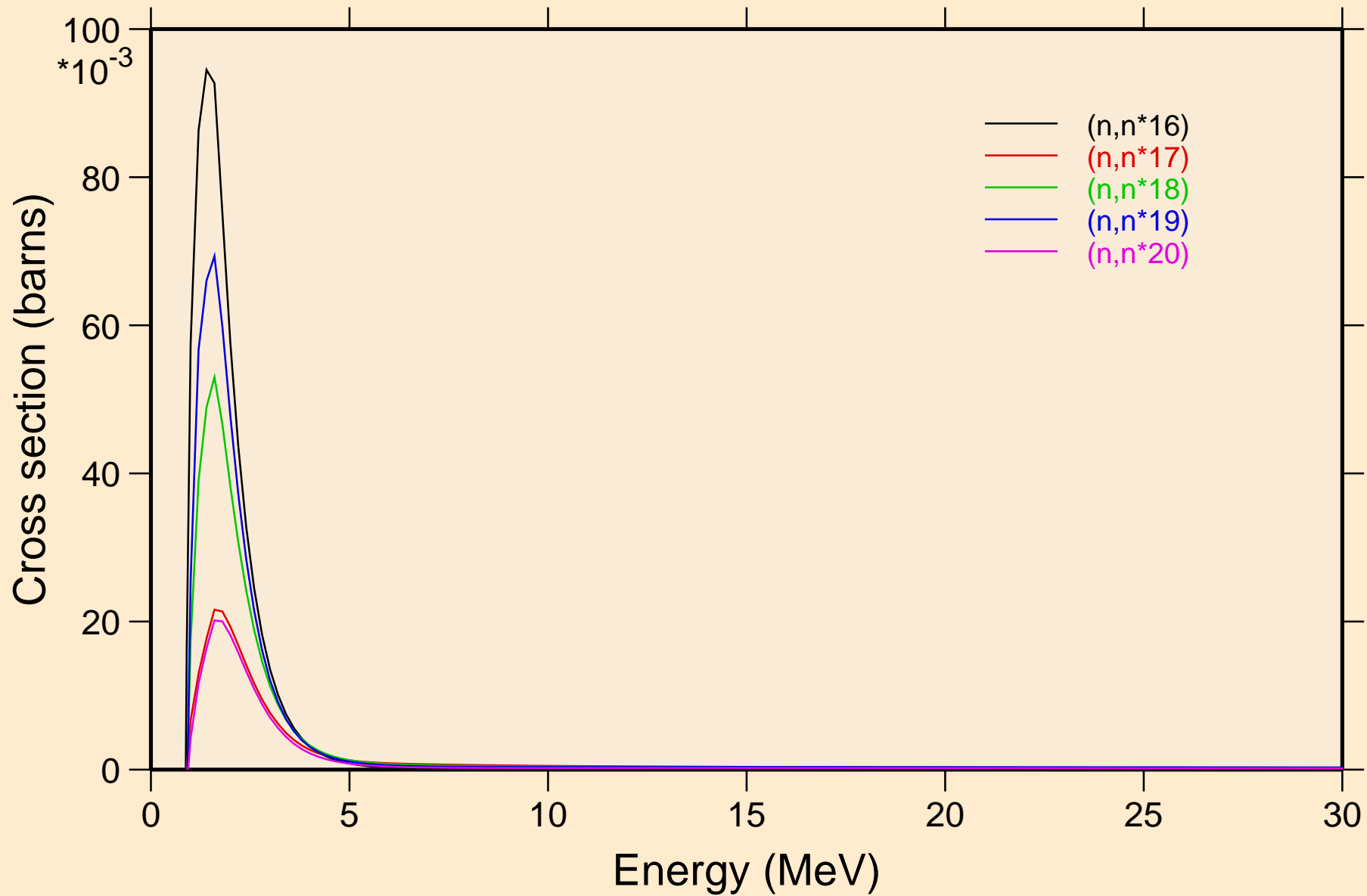


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

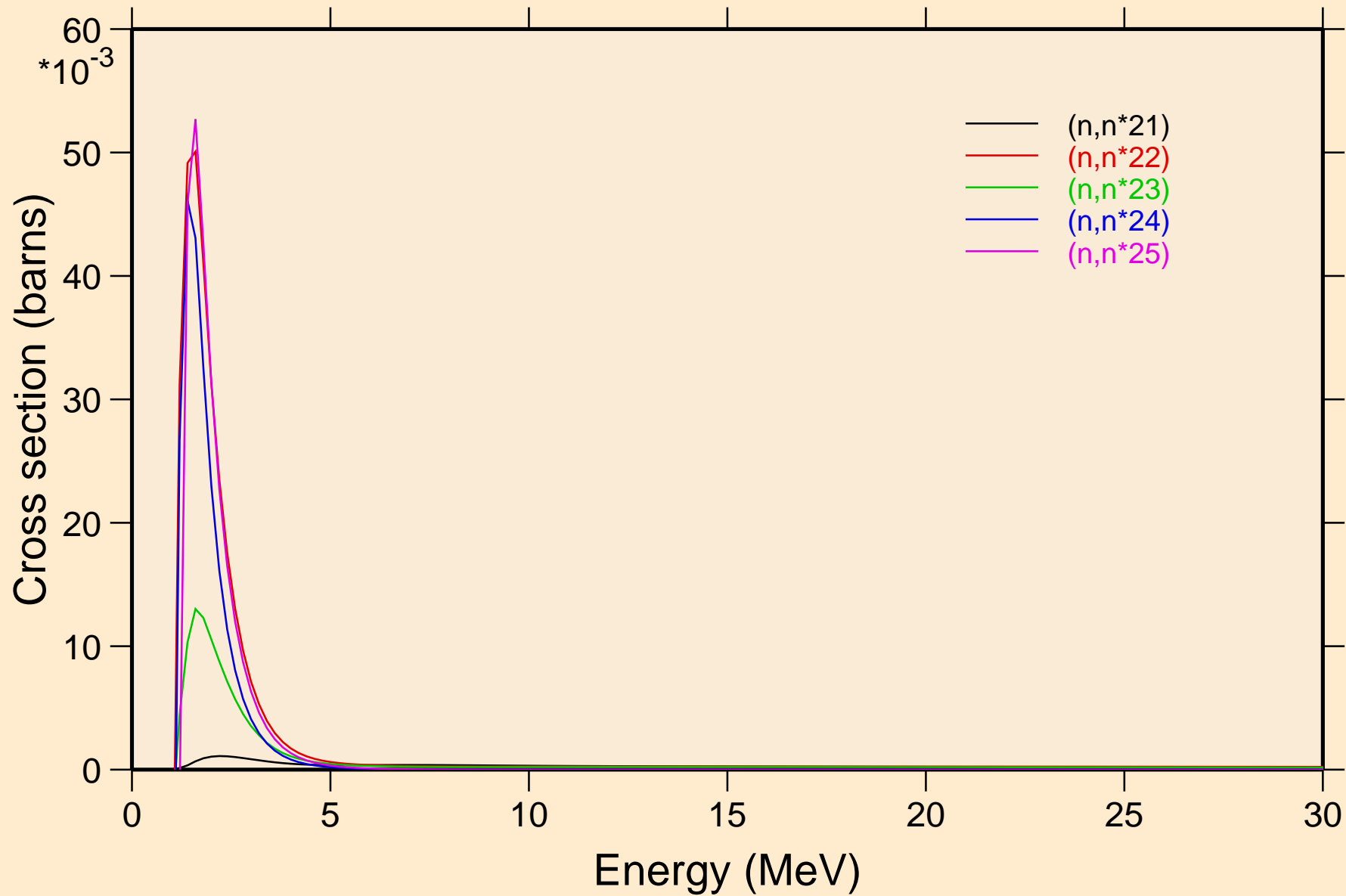
## Inelastic levels



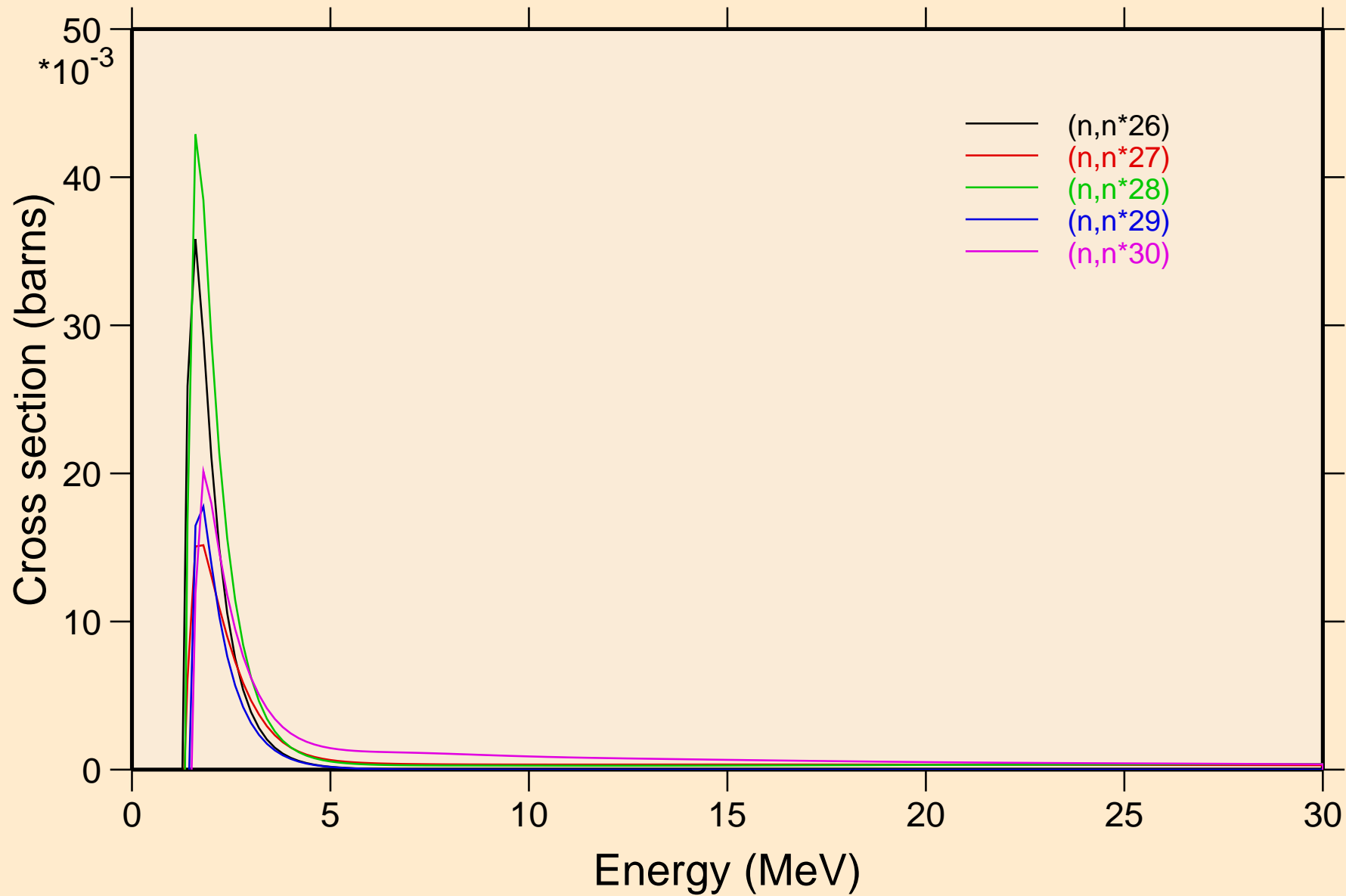
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



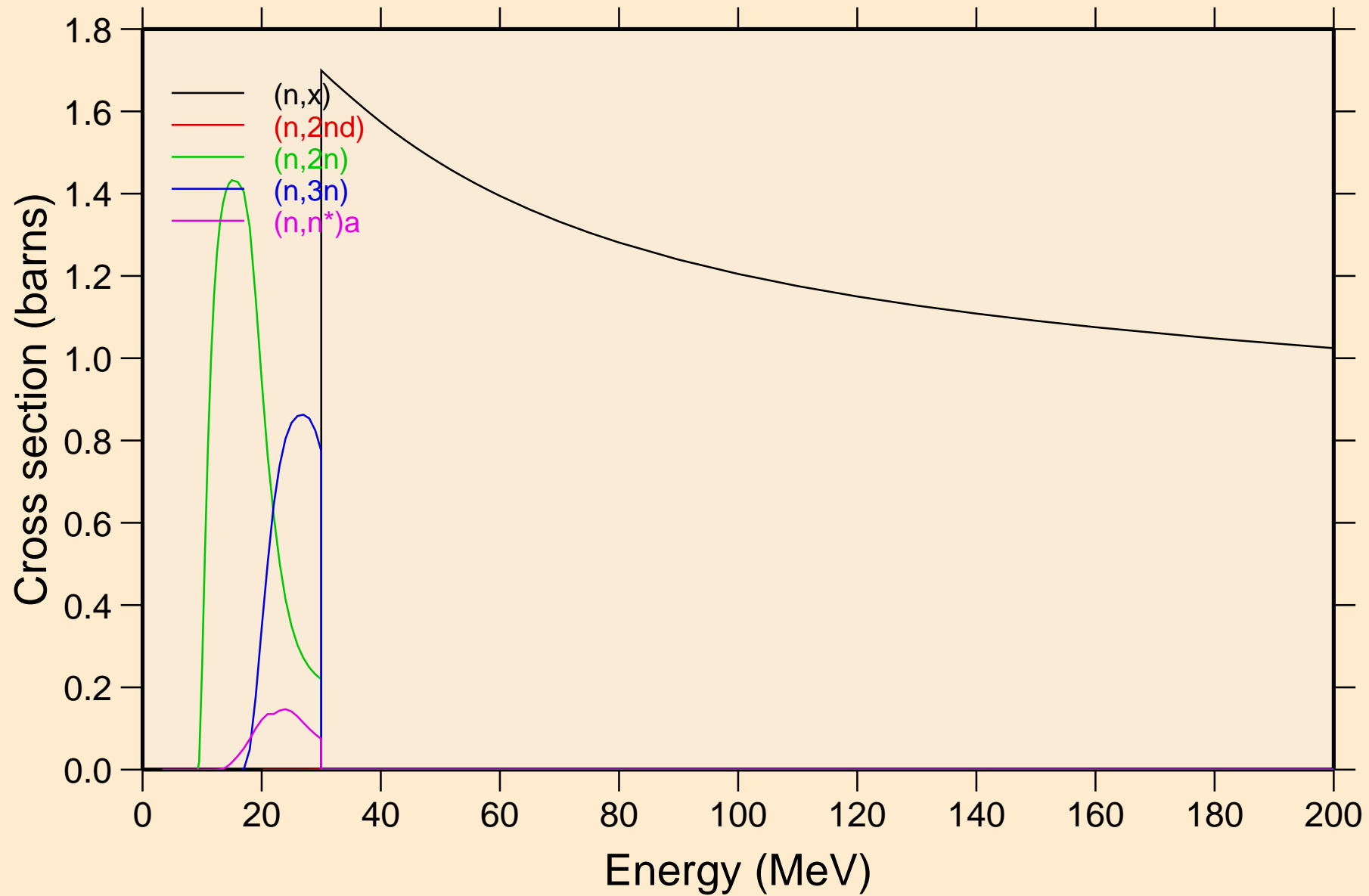
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





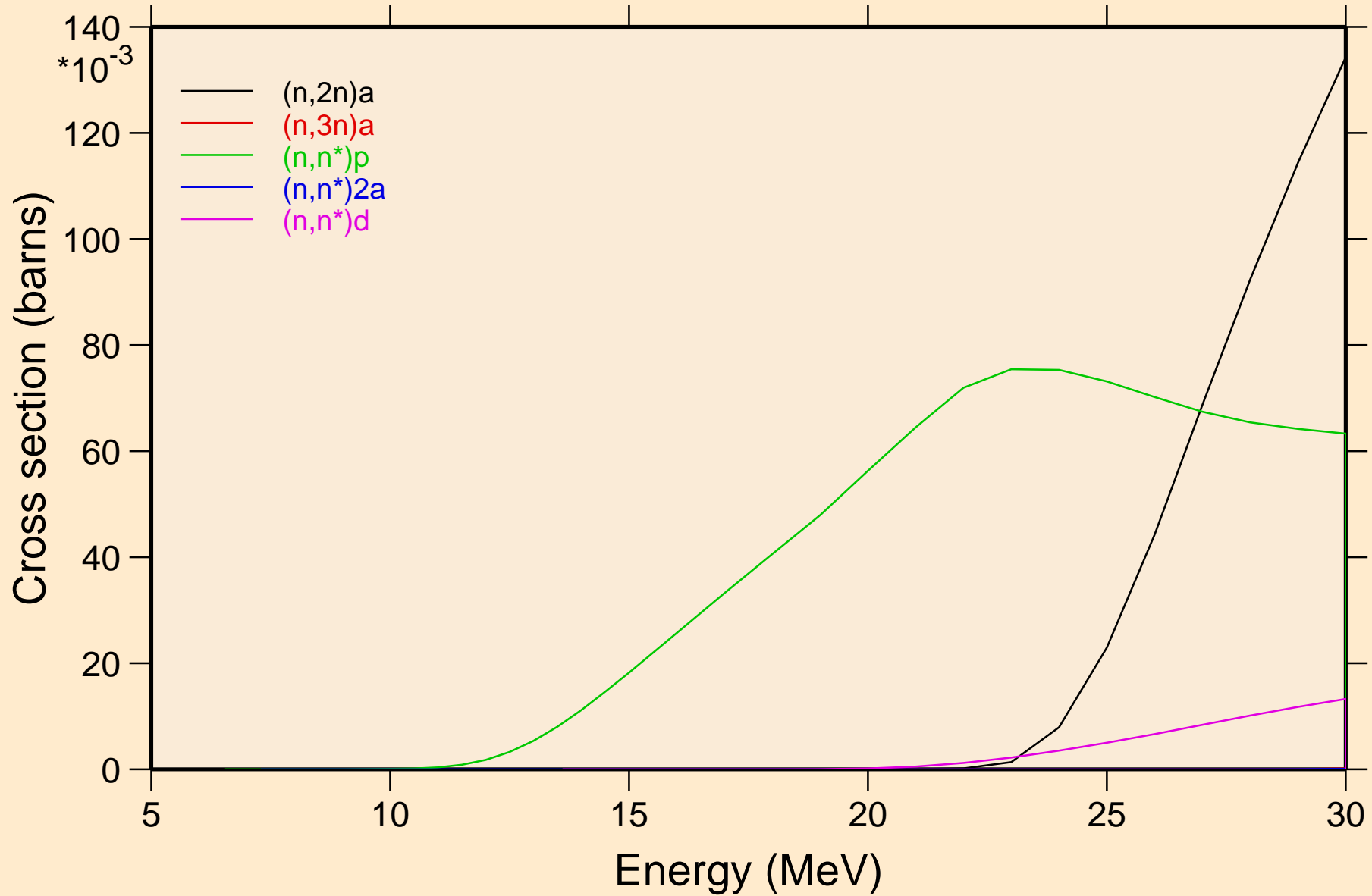
# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



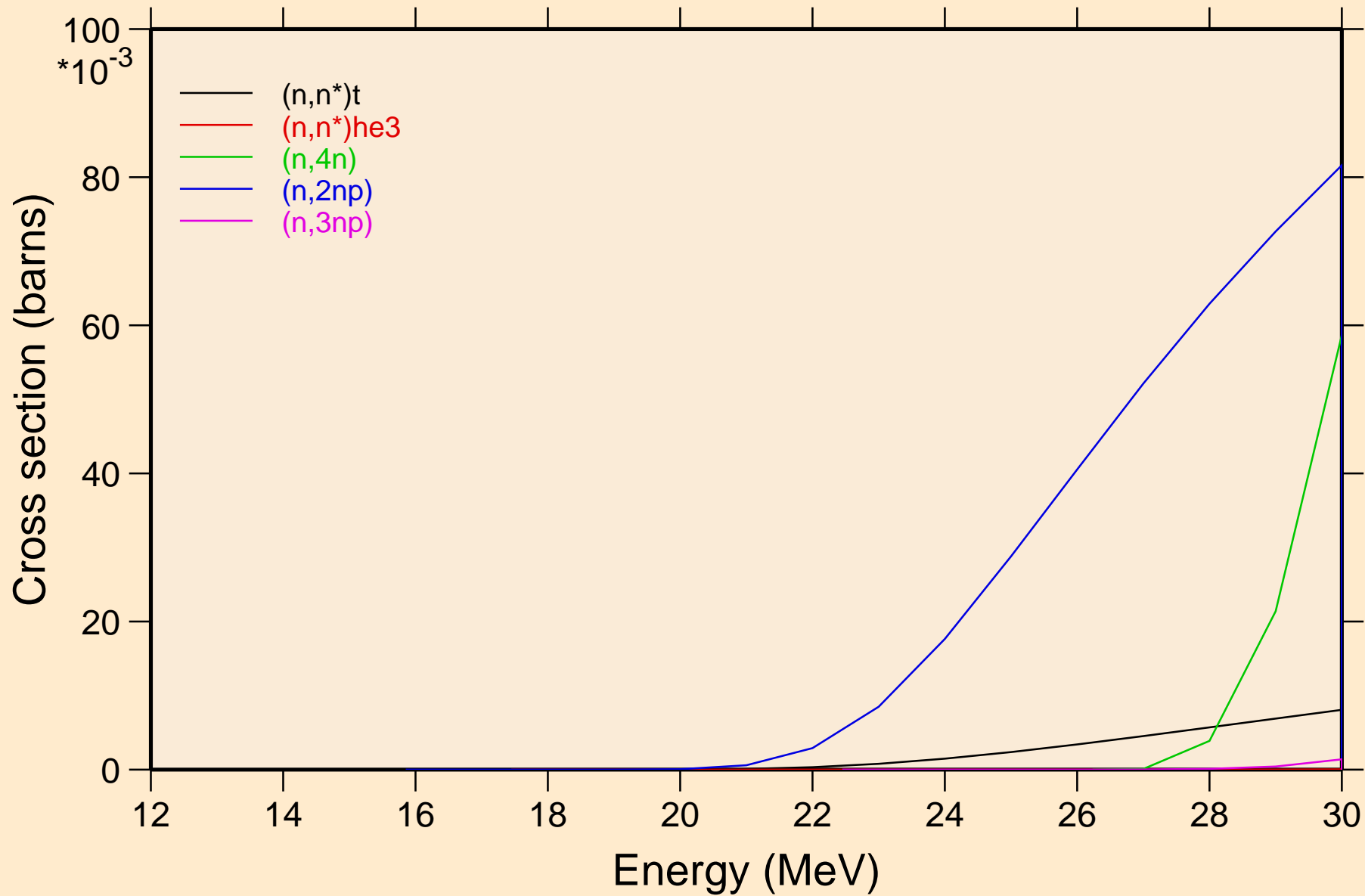
# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



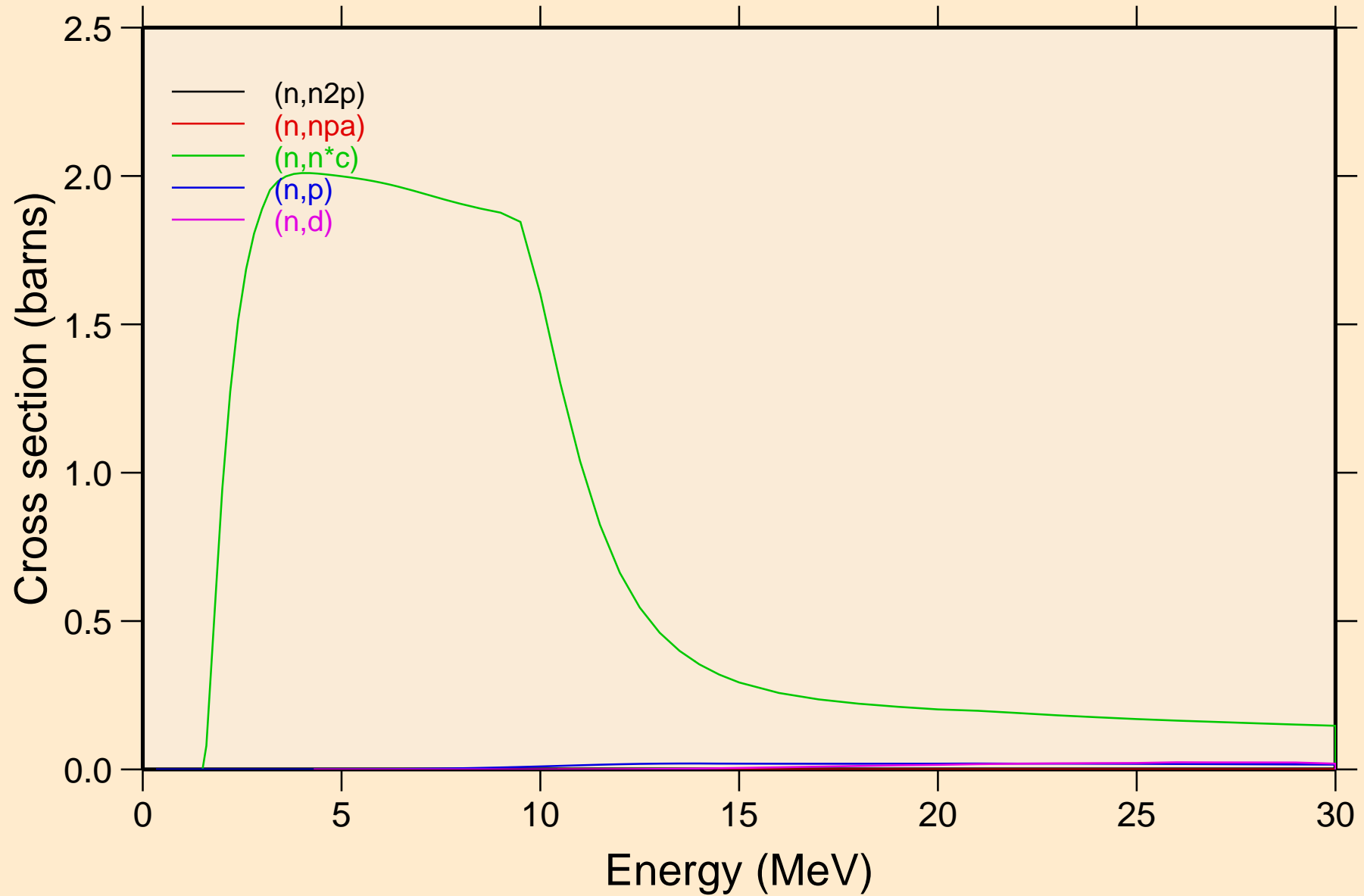
# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

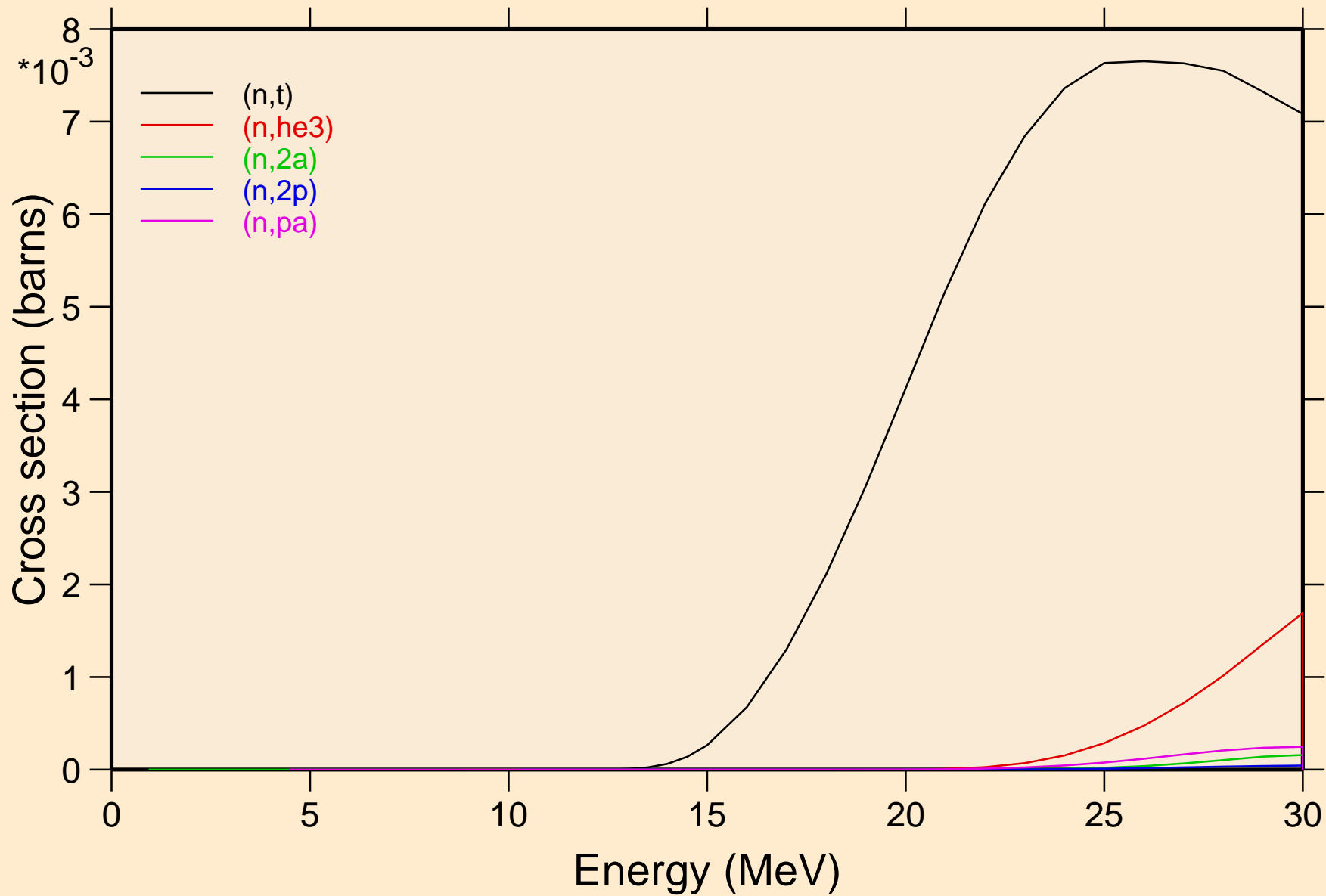


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

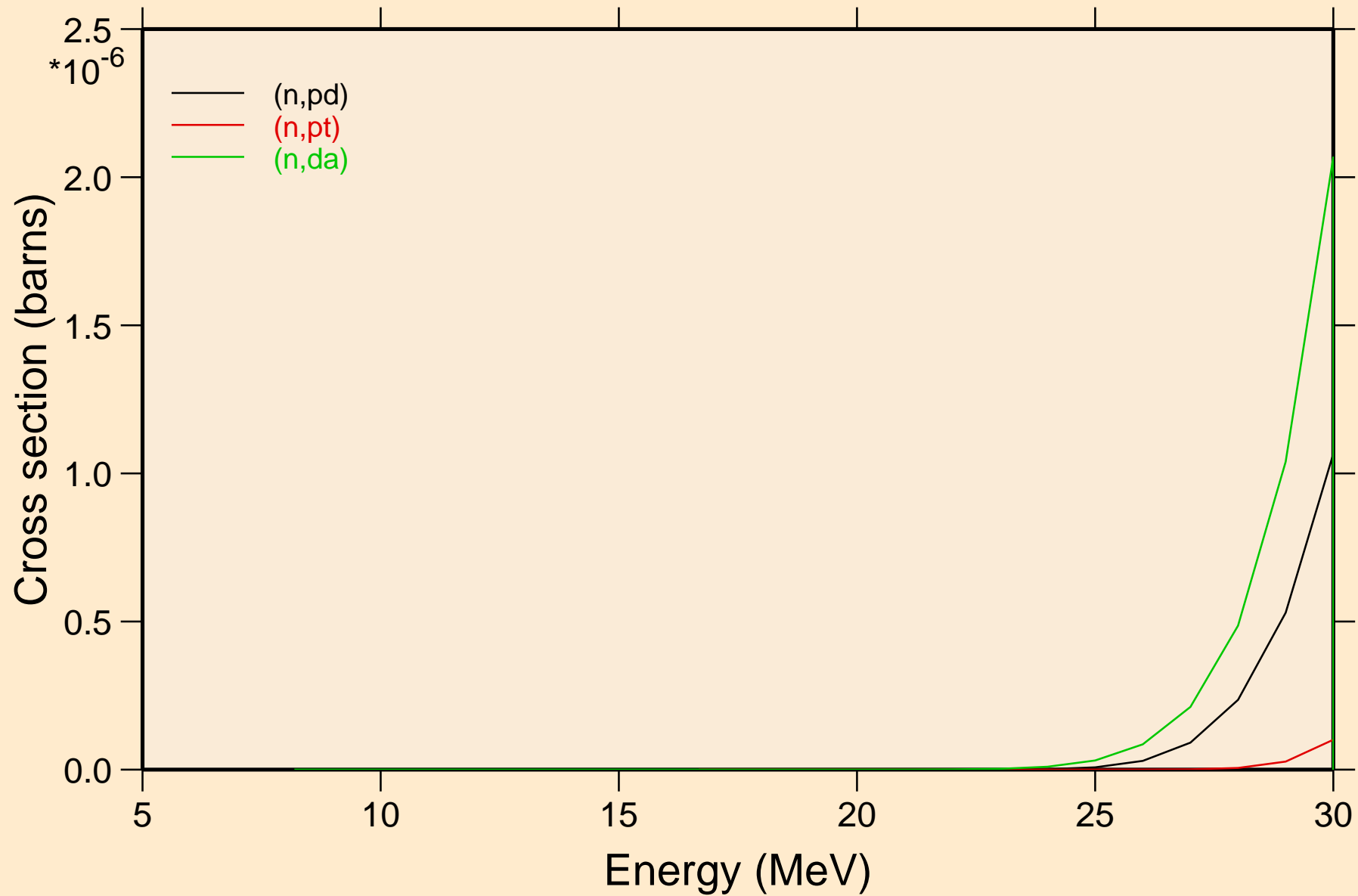
## Threshold reactions



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

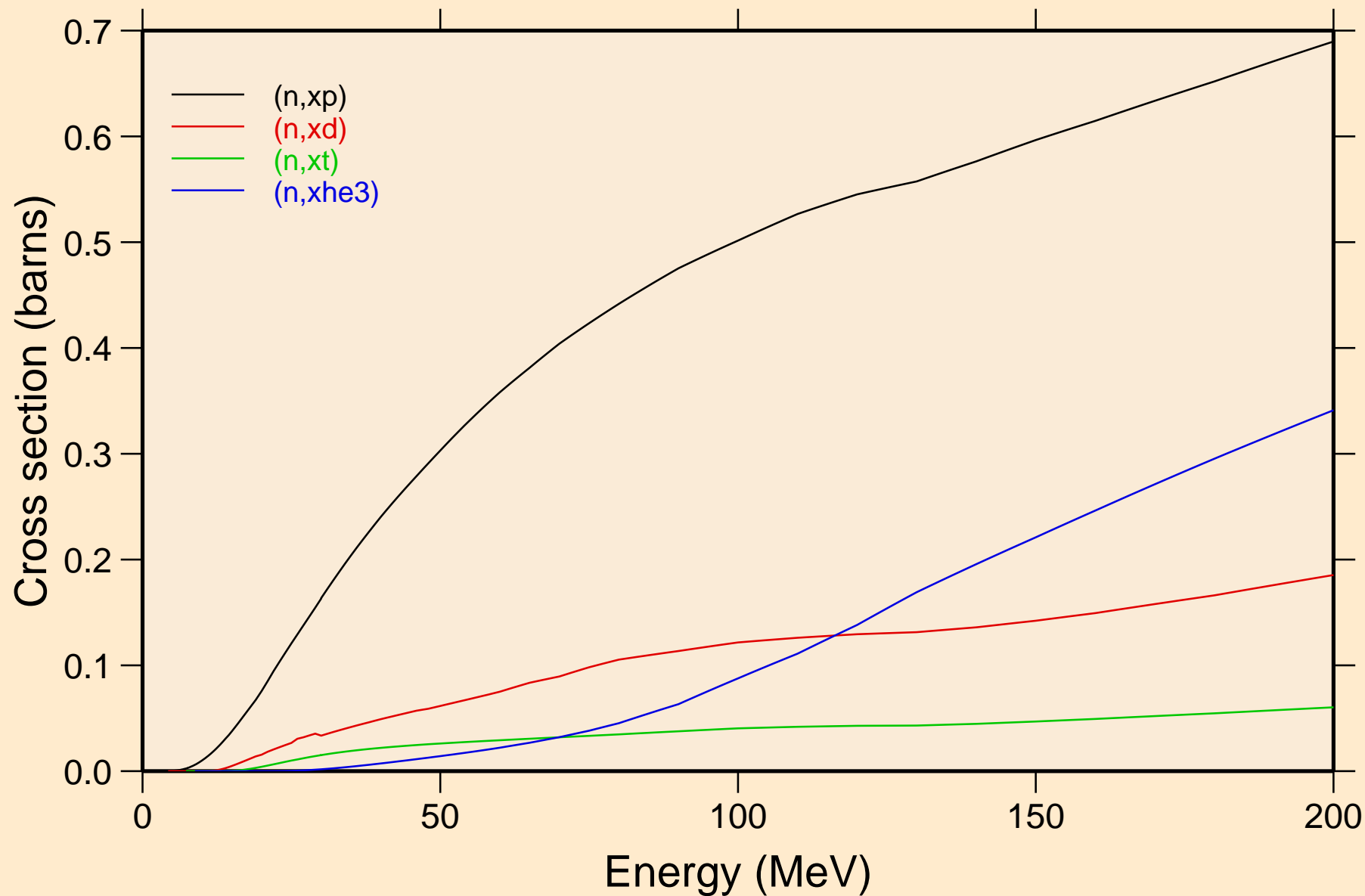


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

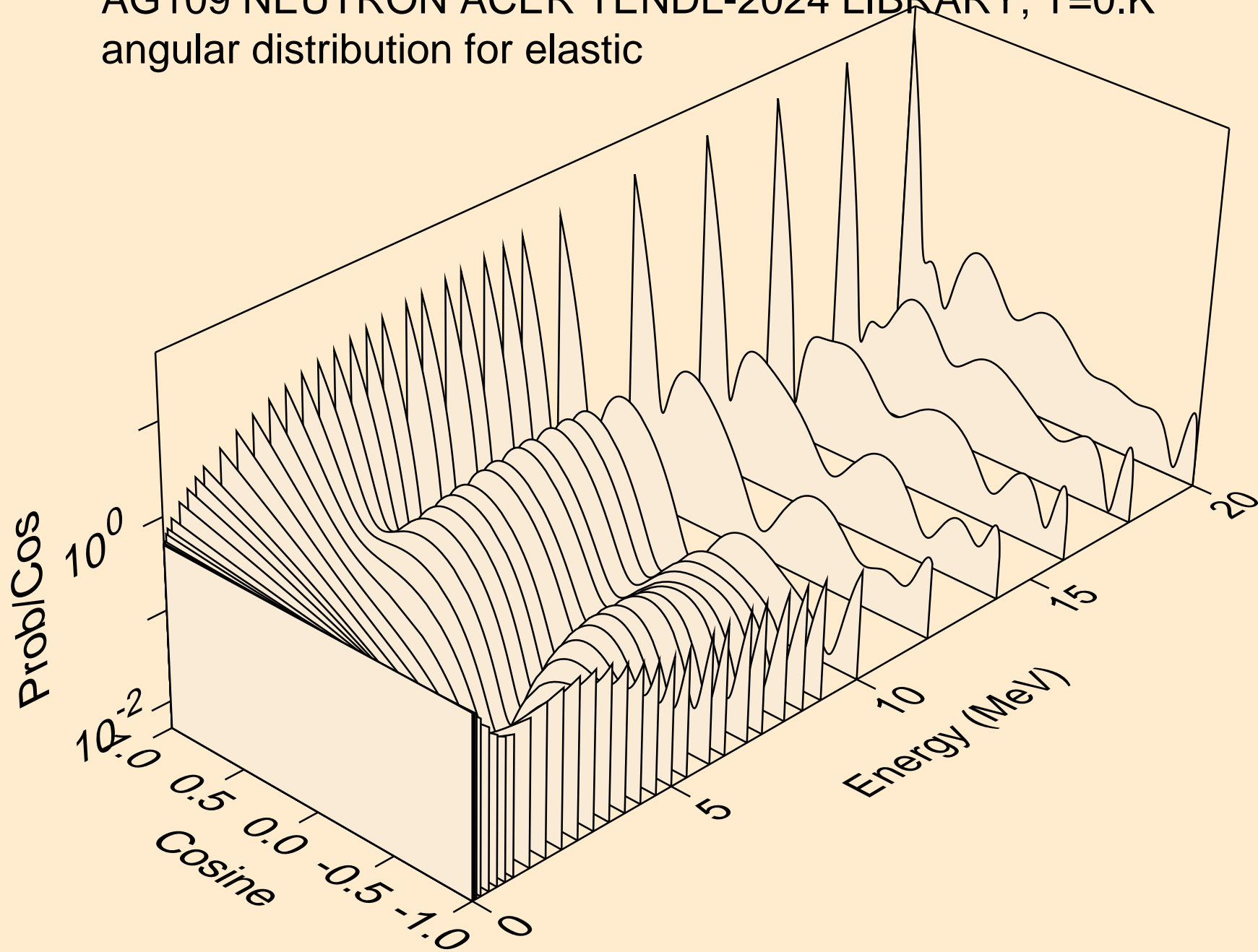


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

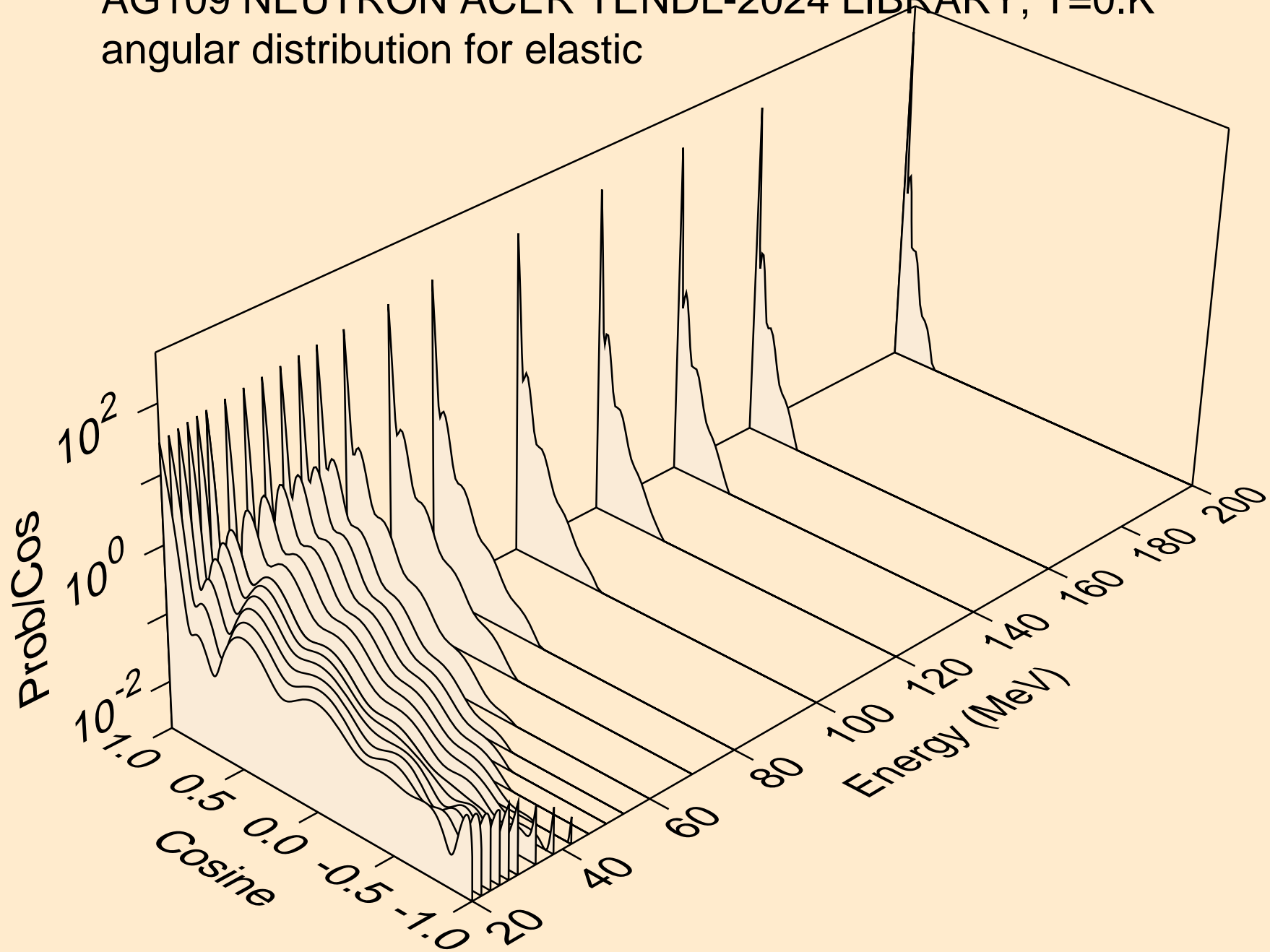


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

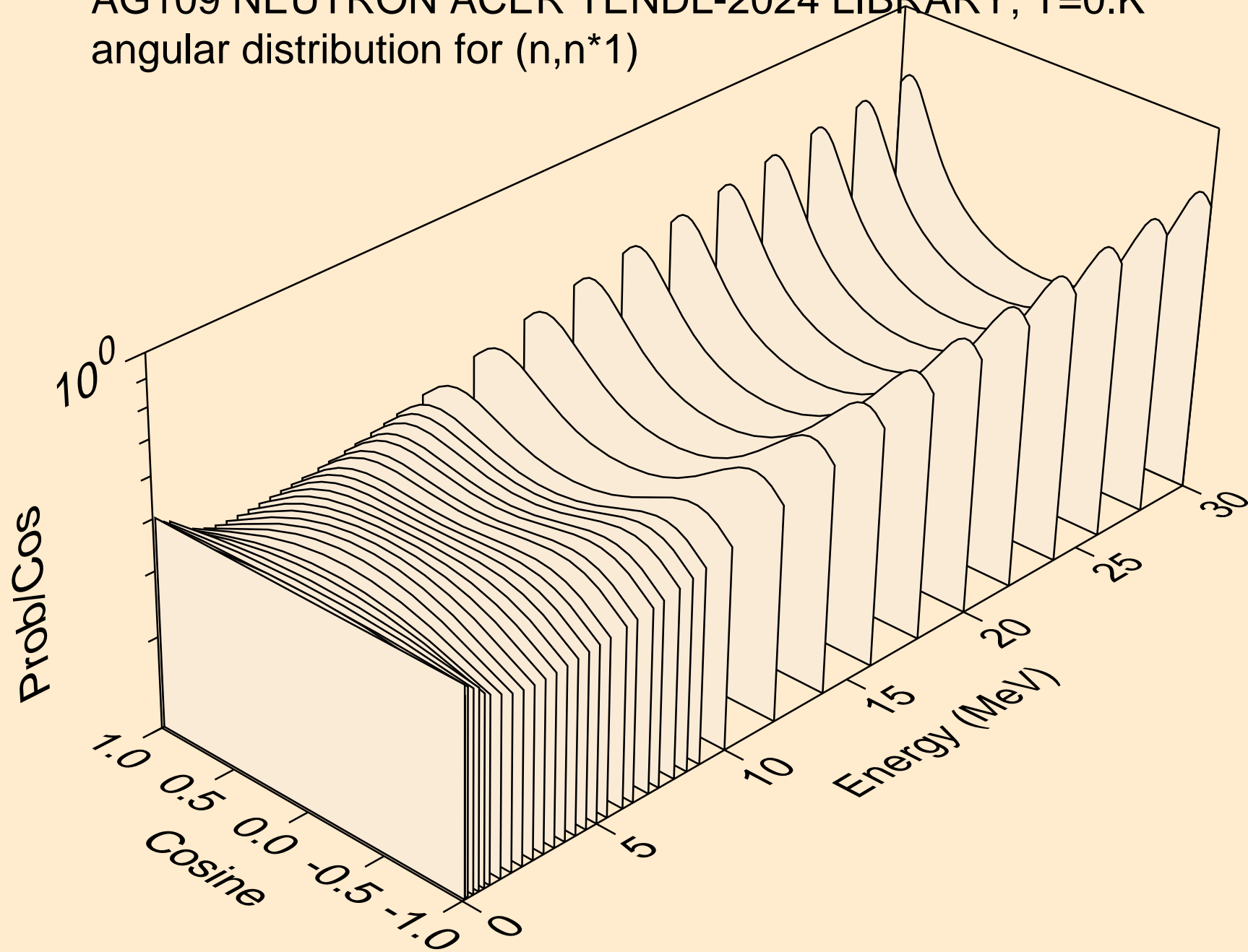




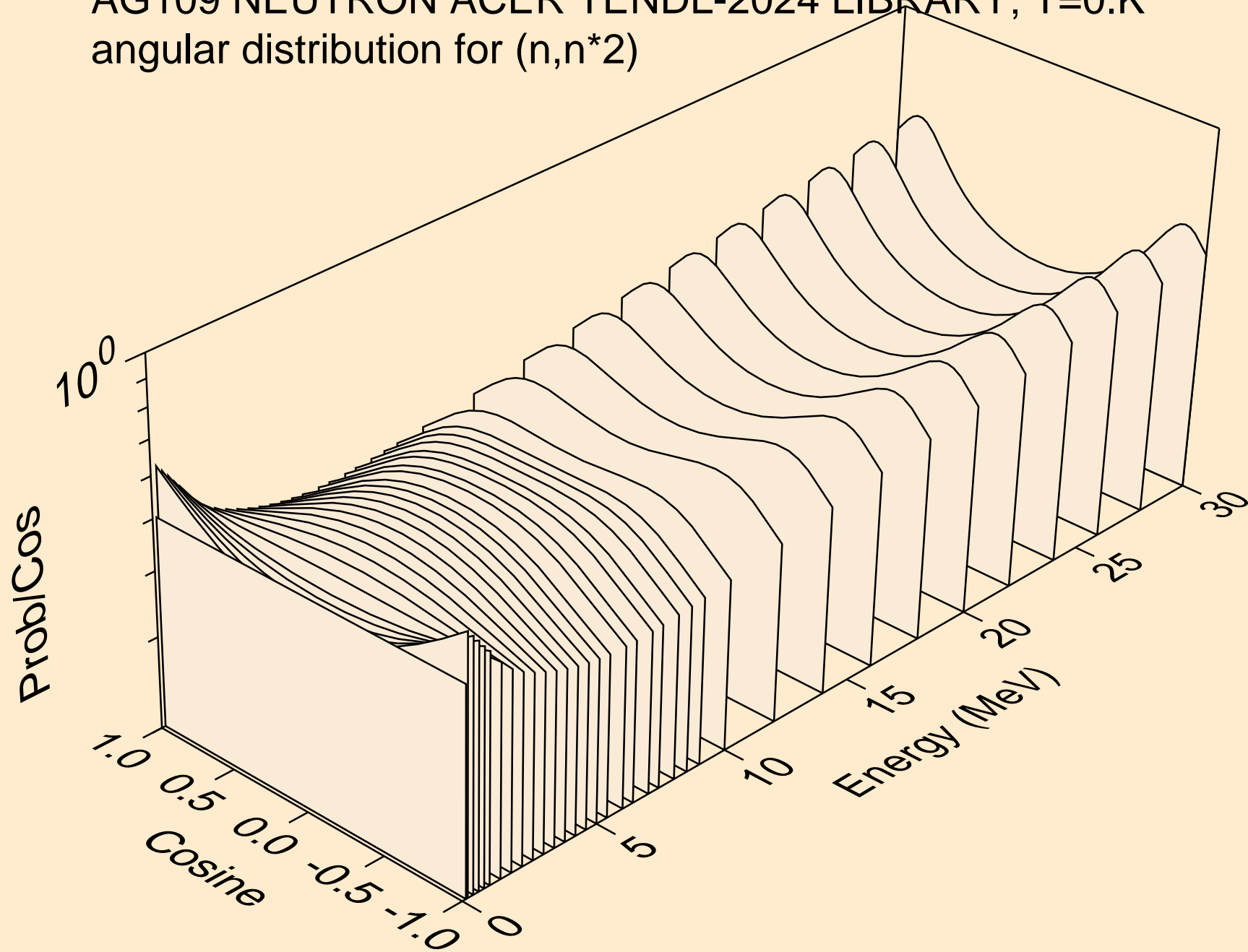
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



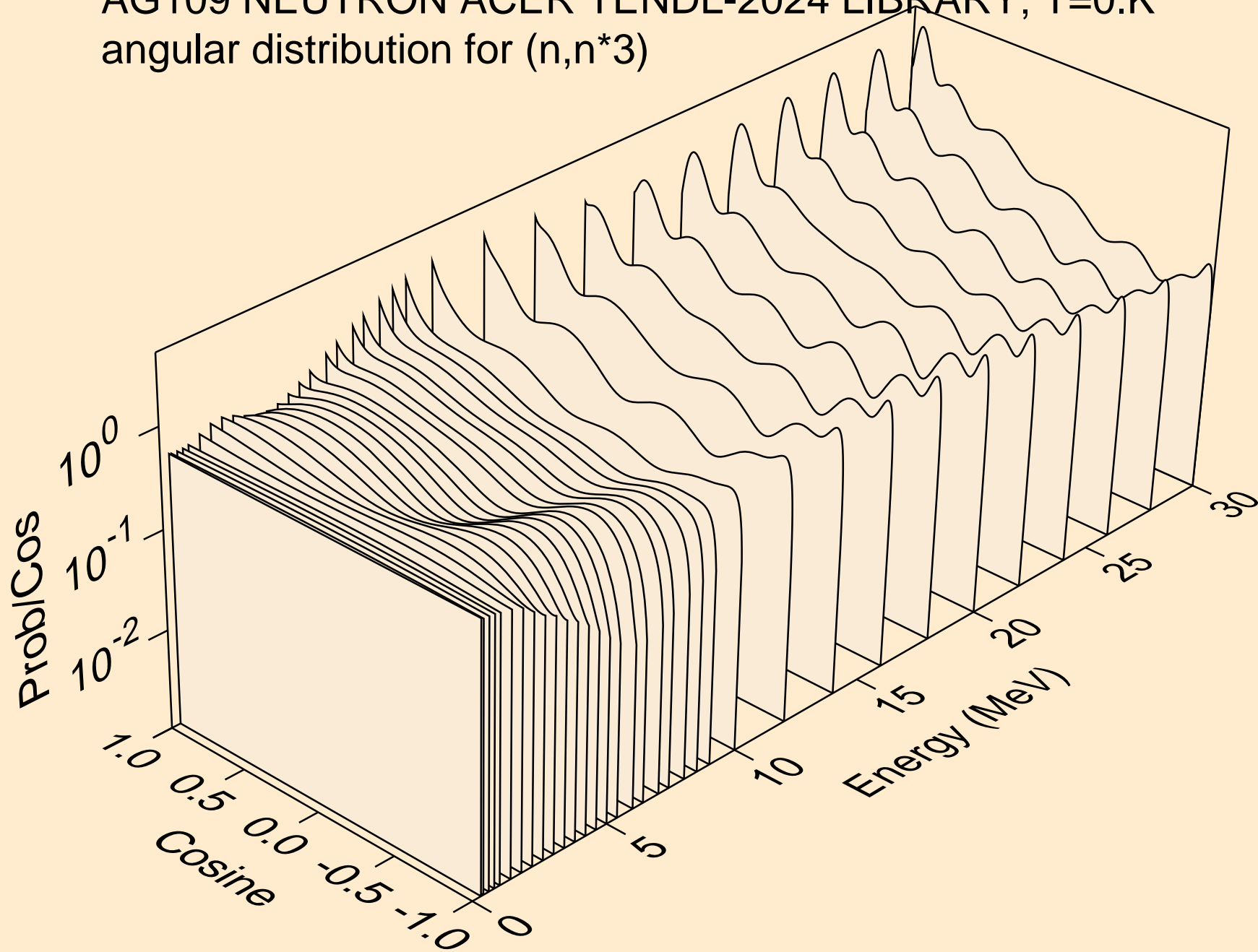
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



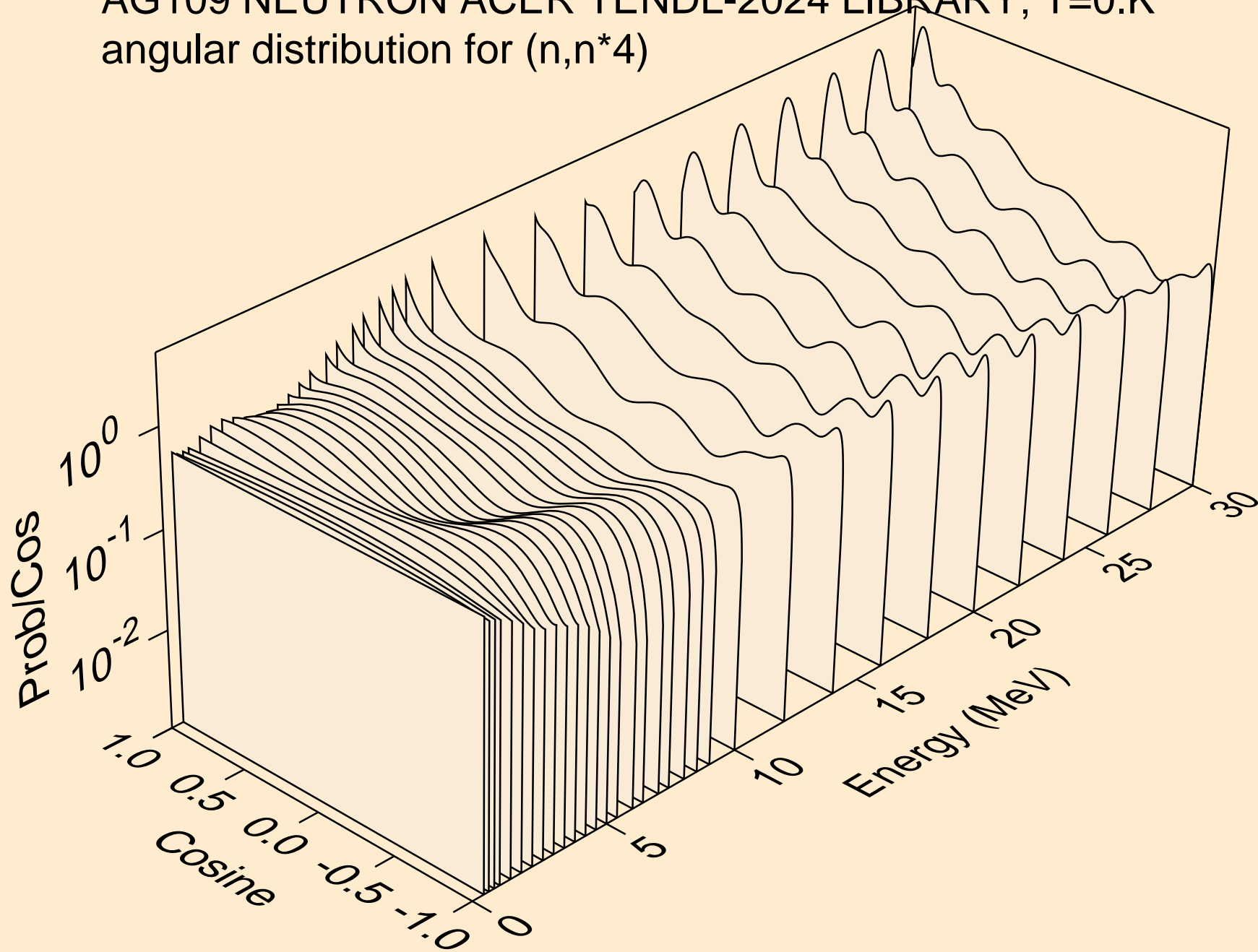
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



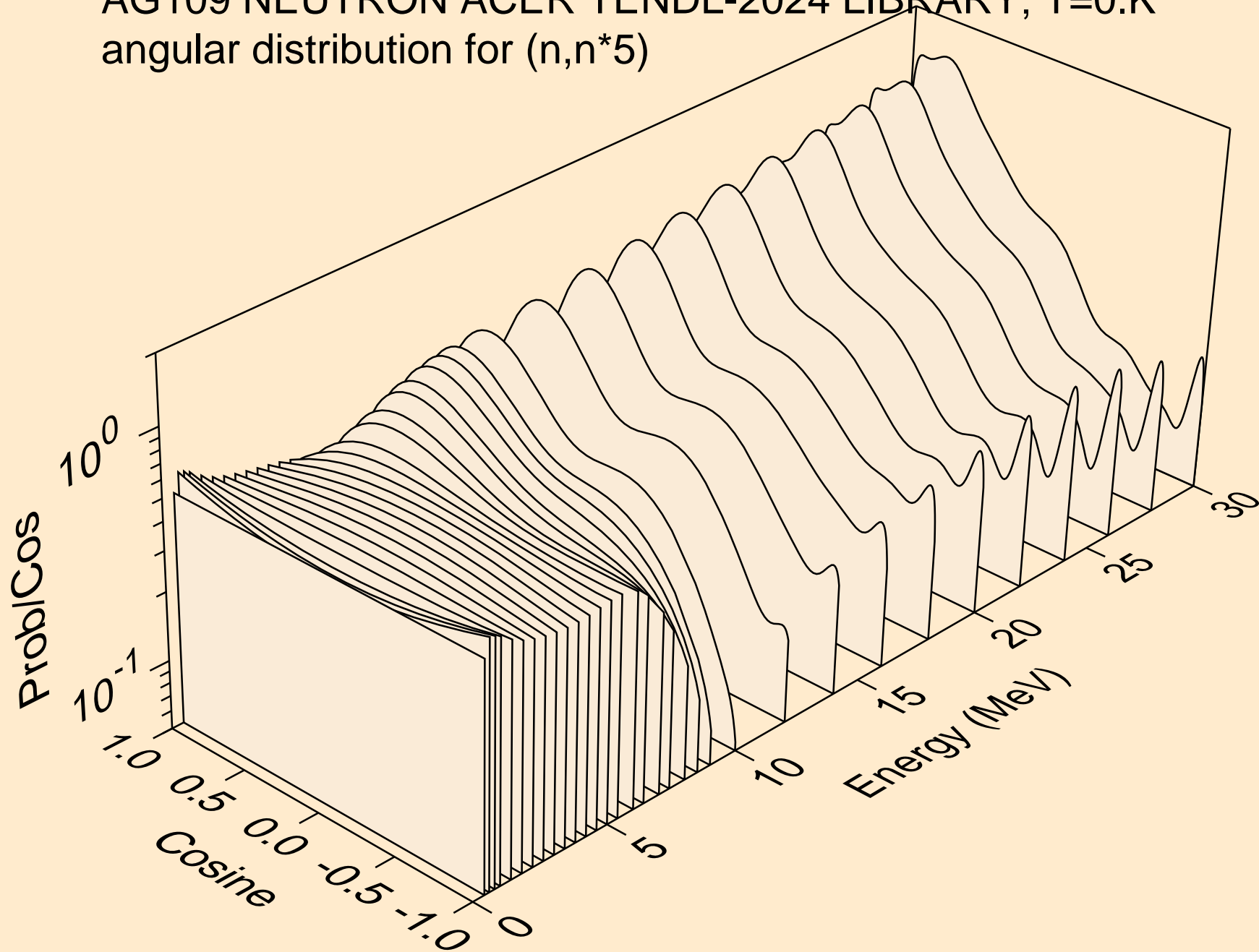
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



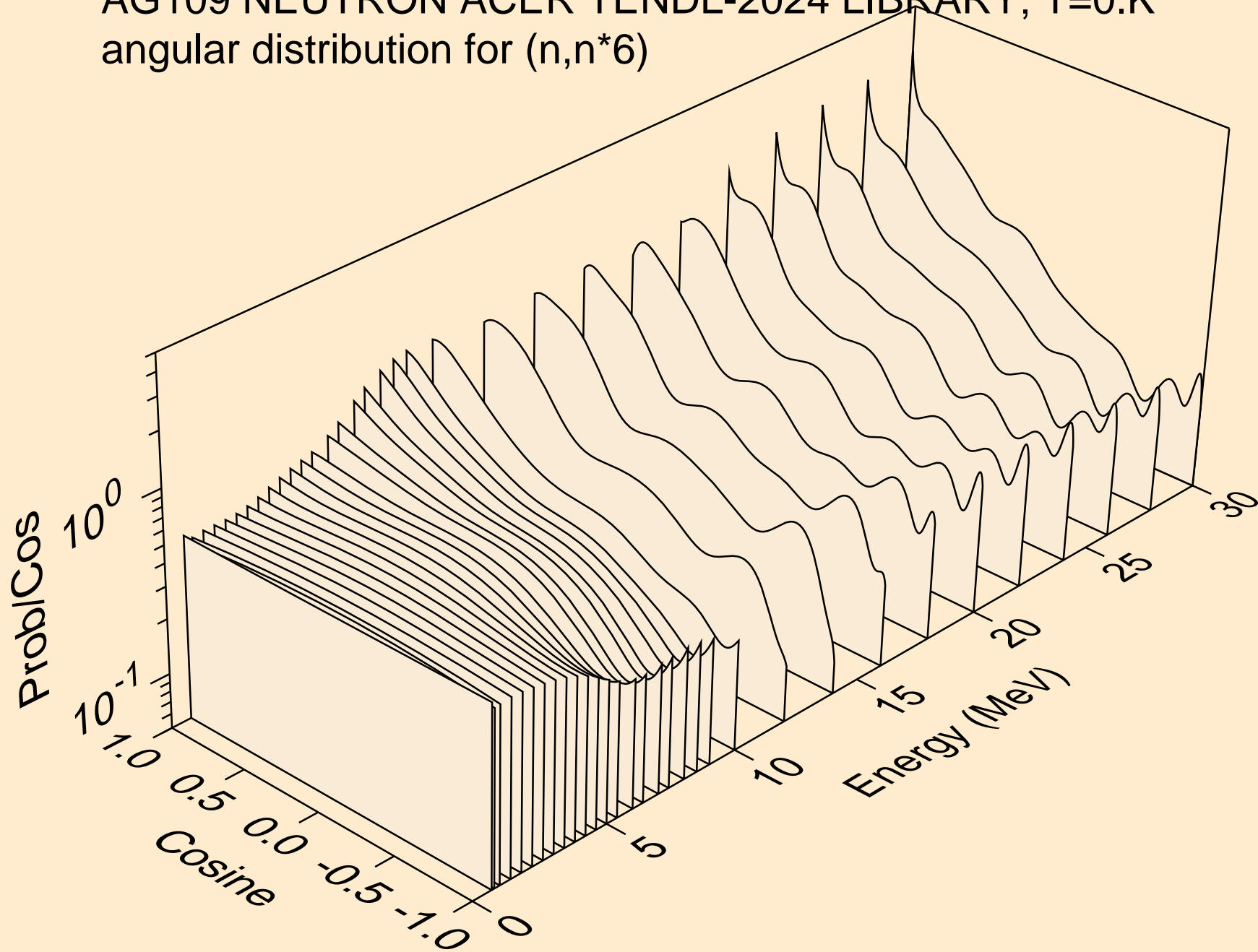
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angular distribution for (n,n\*4)



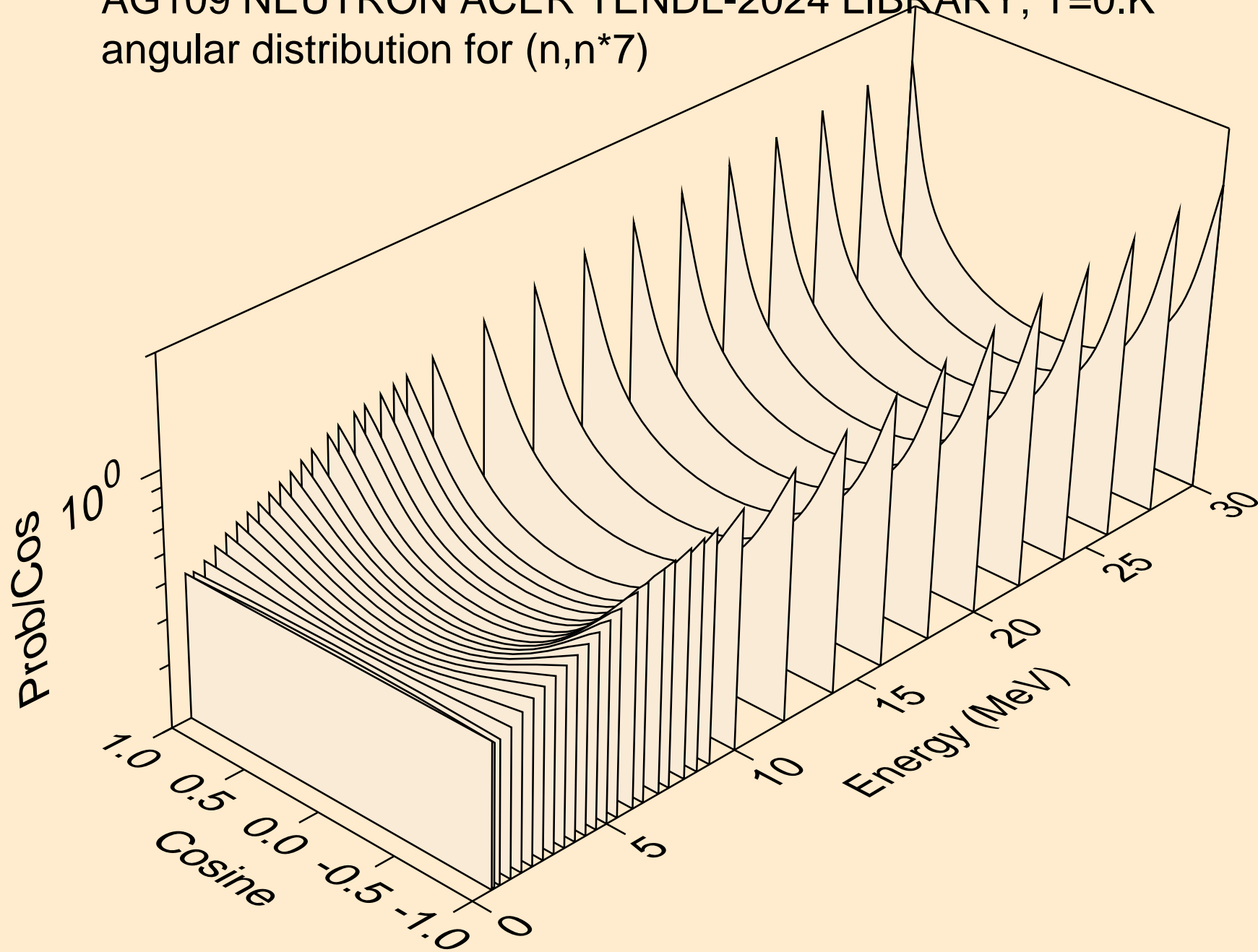
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

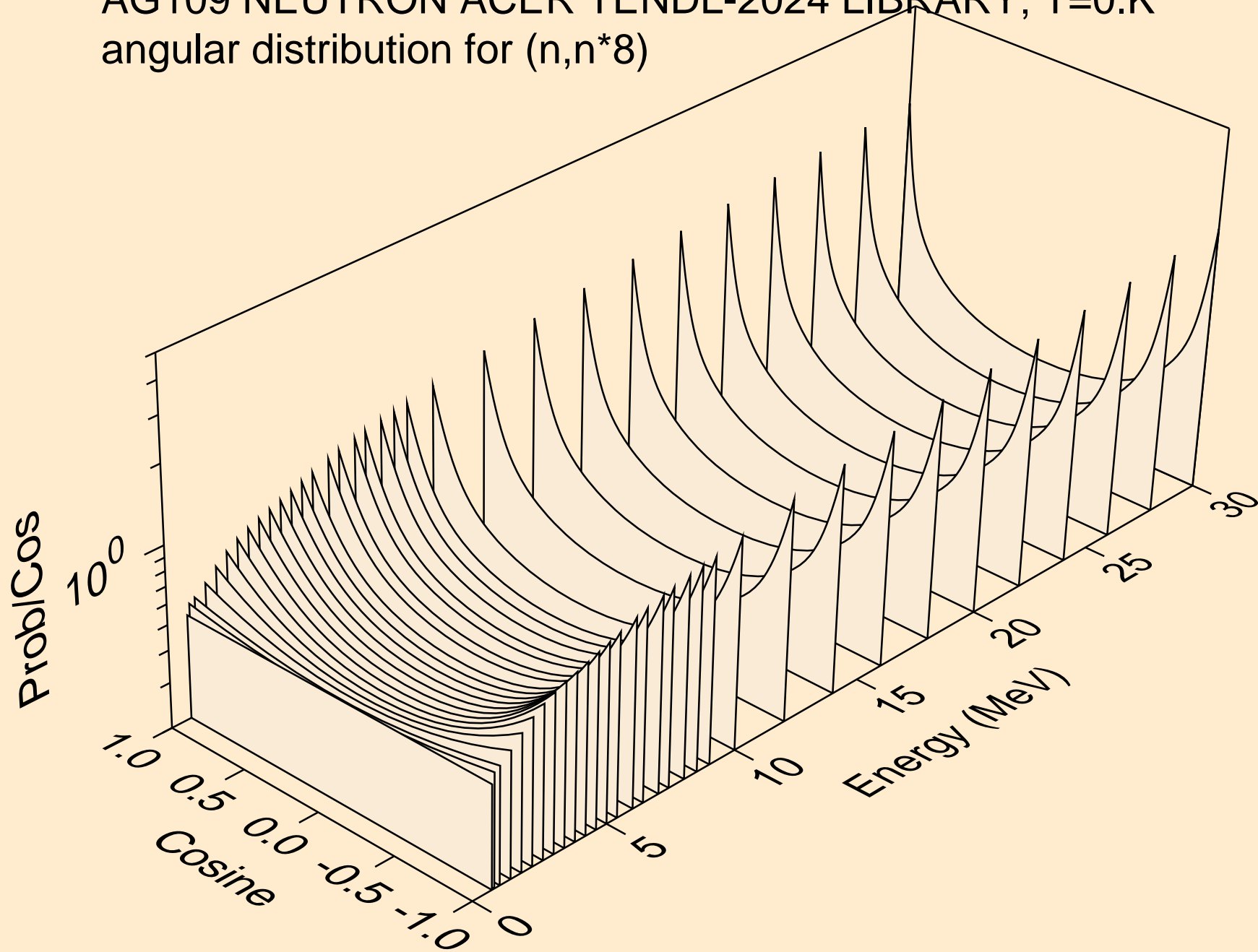


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

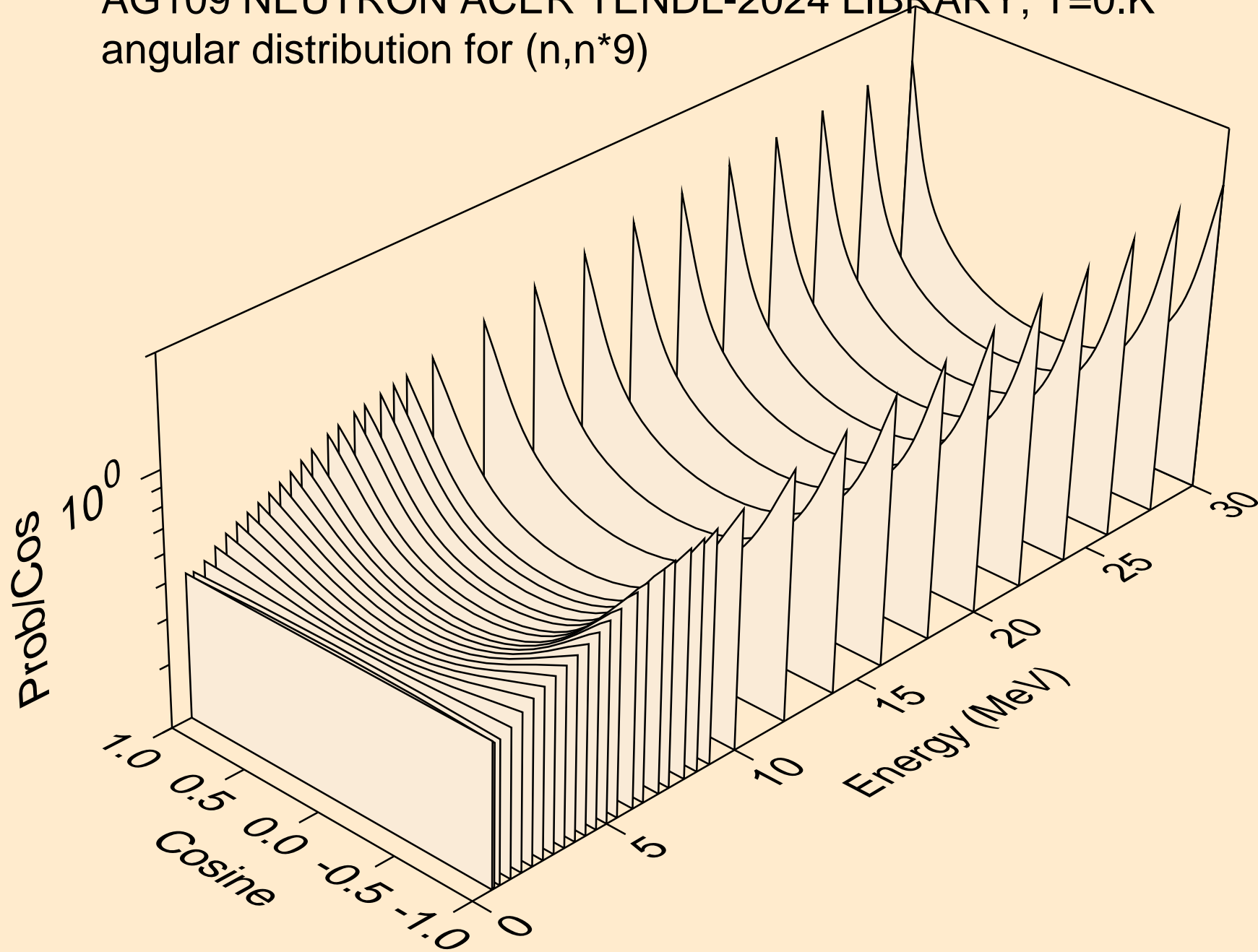




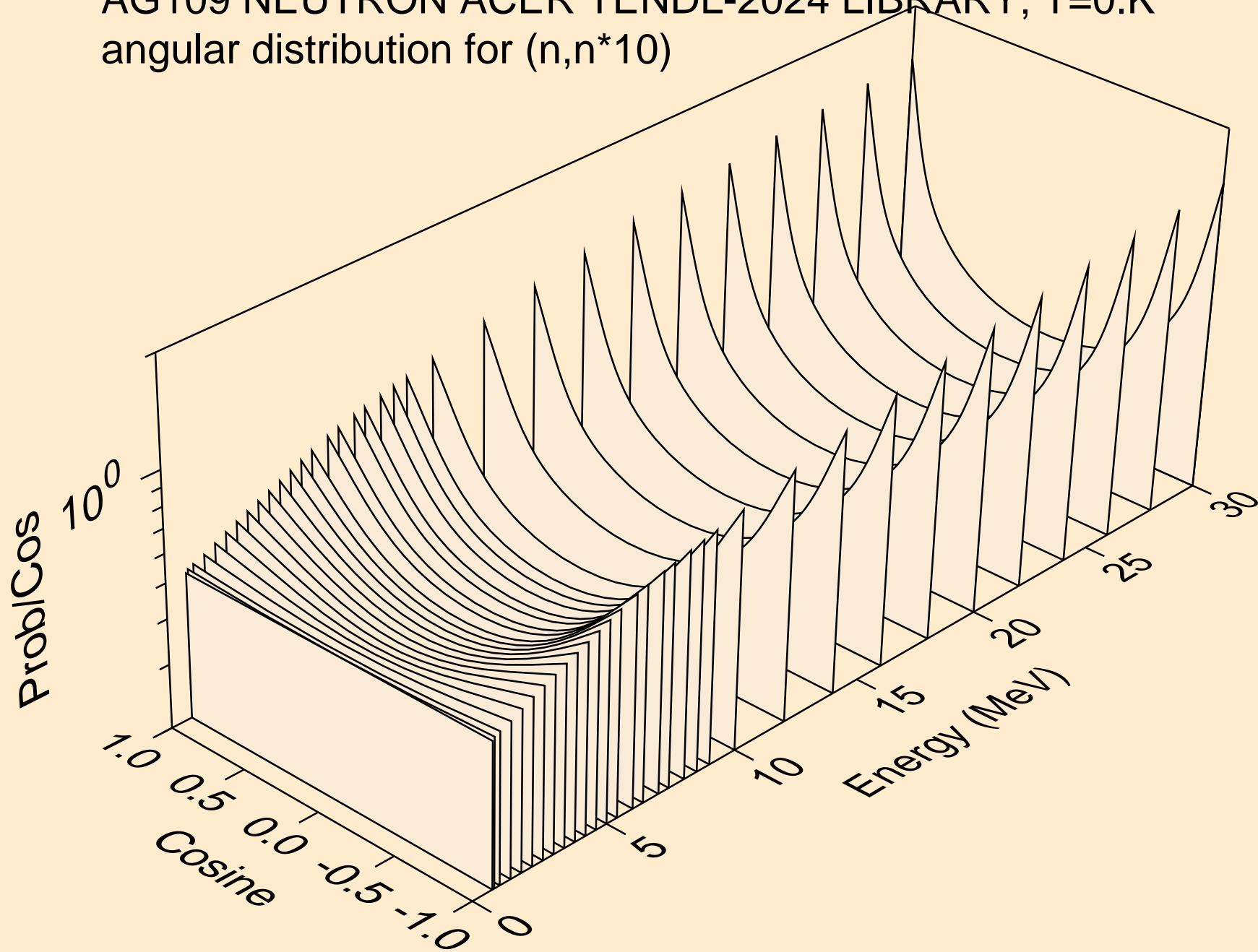
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angular distribution for (n,n\*8)



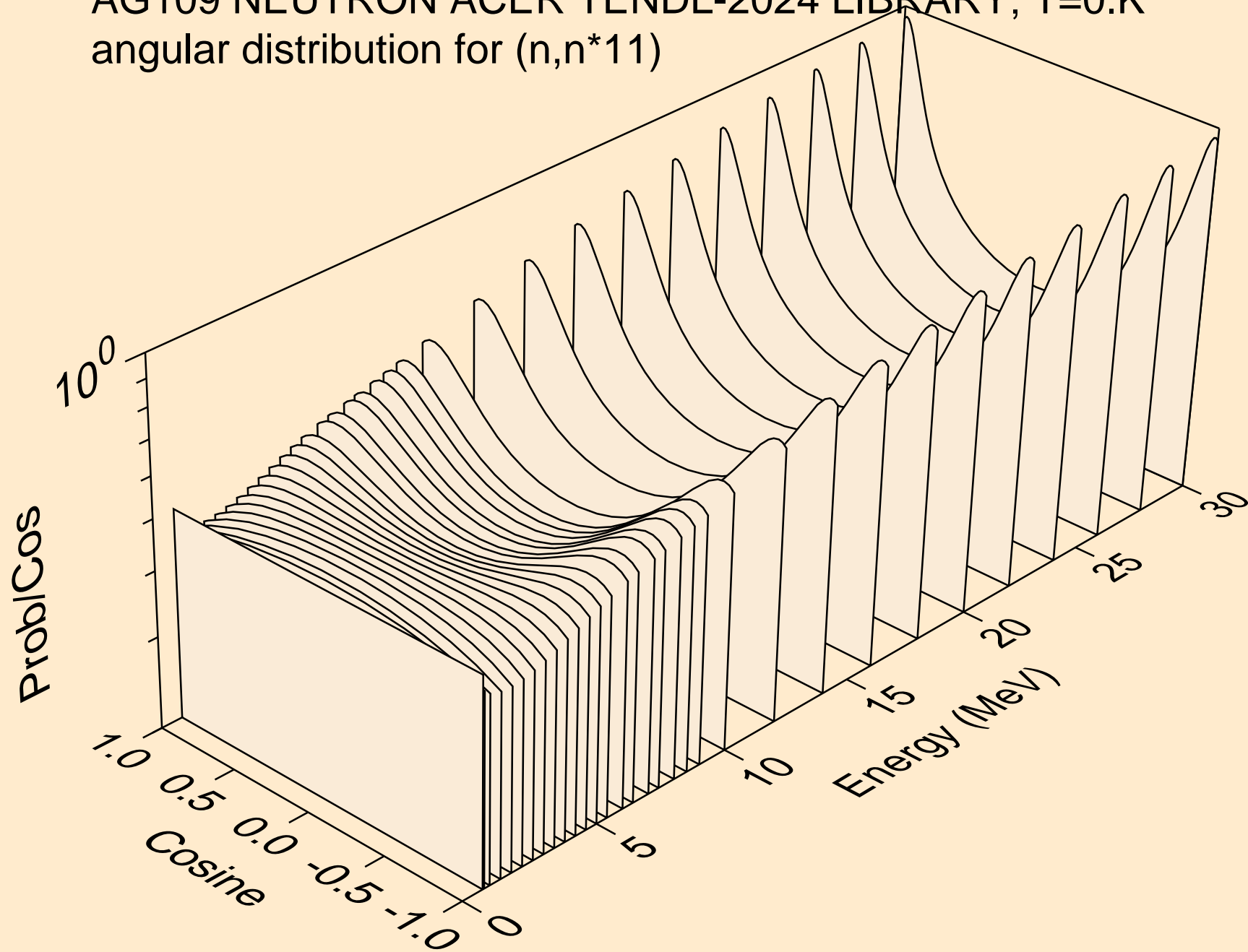
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angular distribution for (n,n\*9)



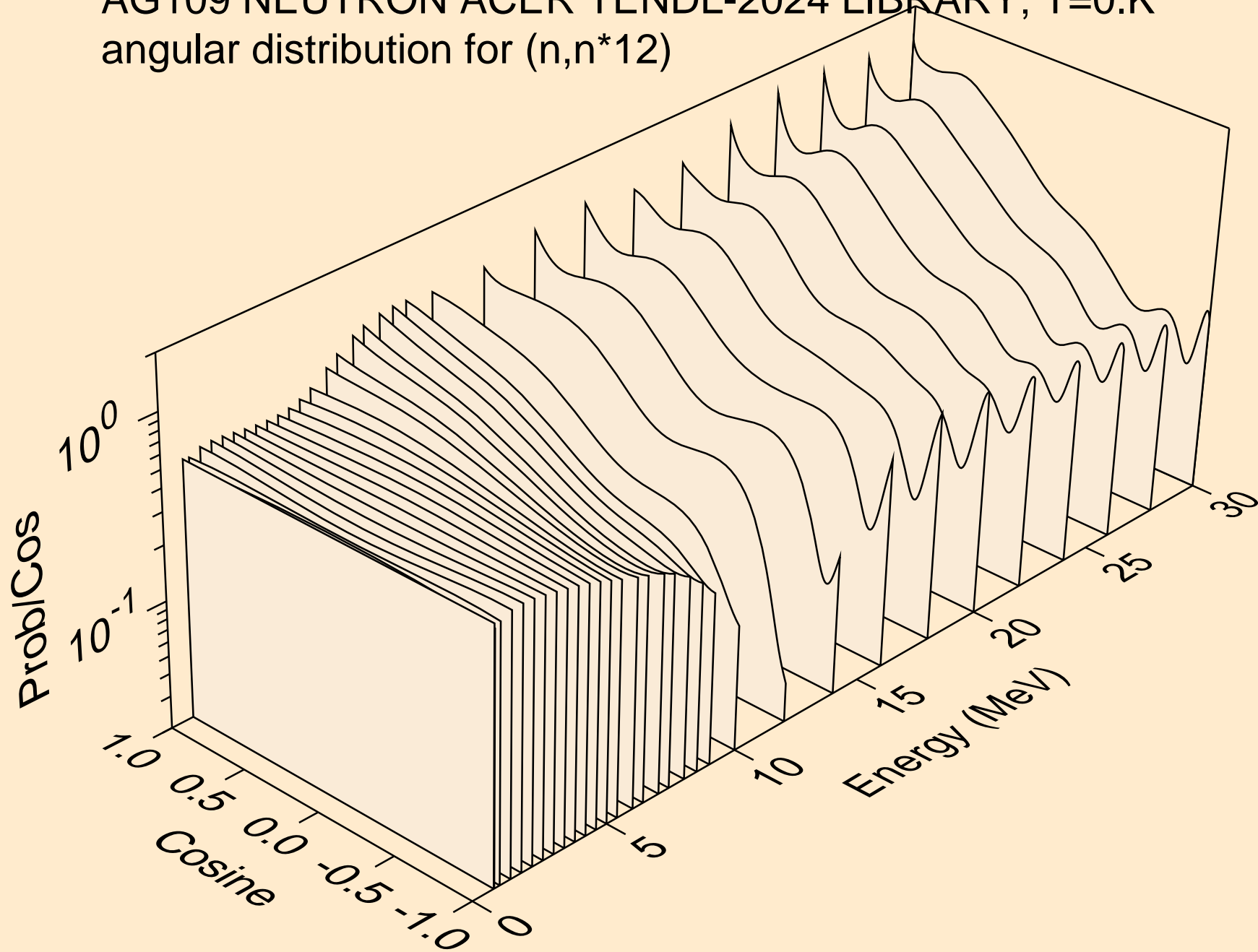
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



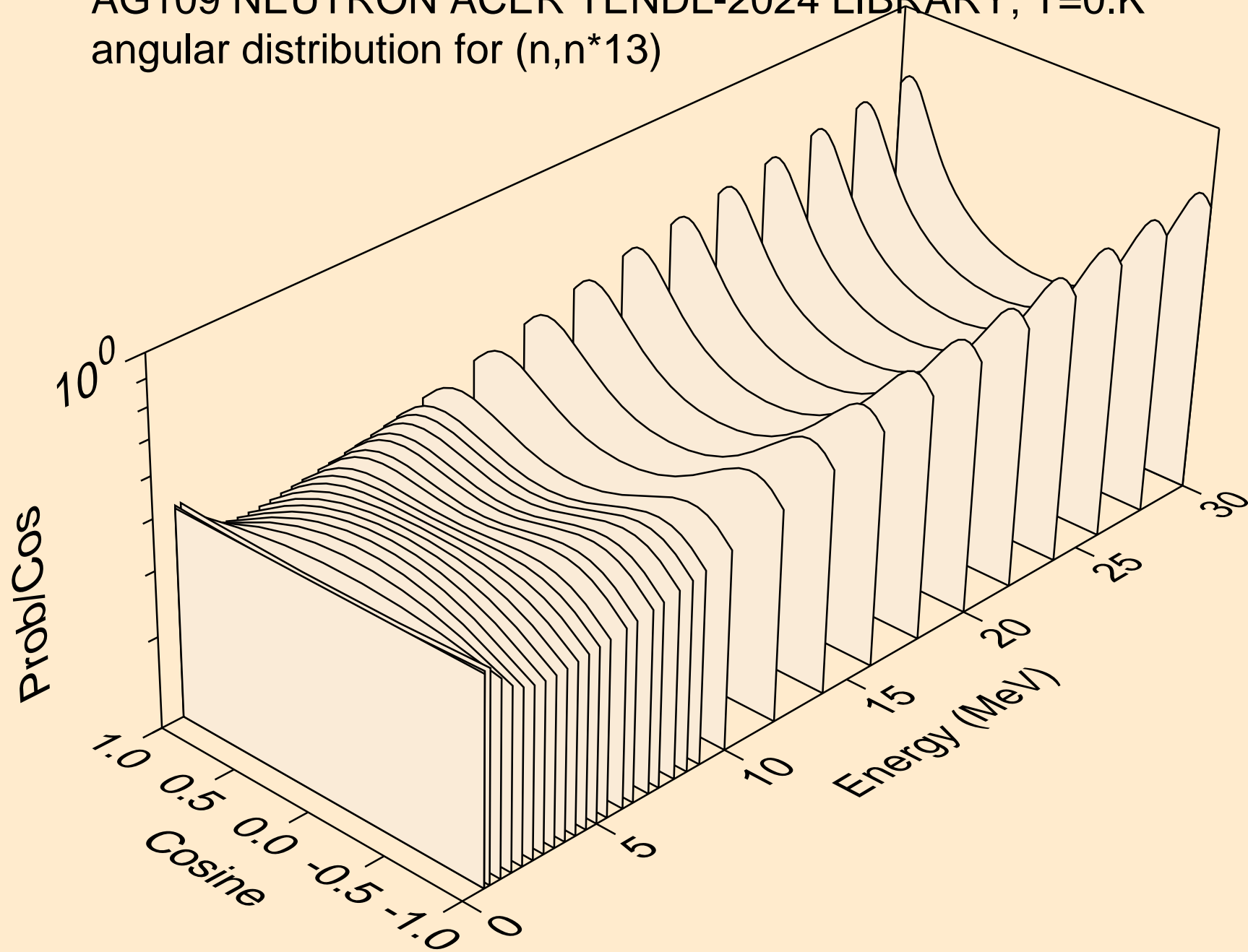
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angular distribution for (n,n\*11)



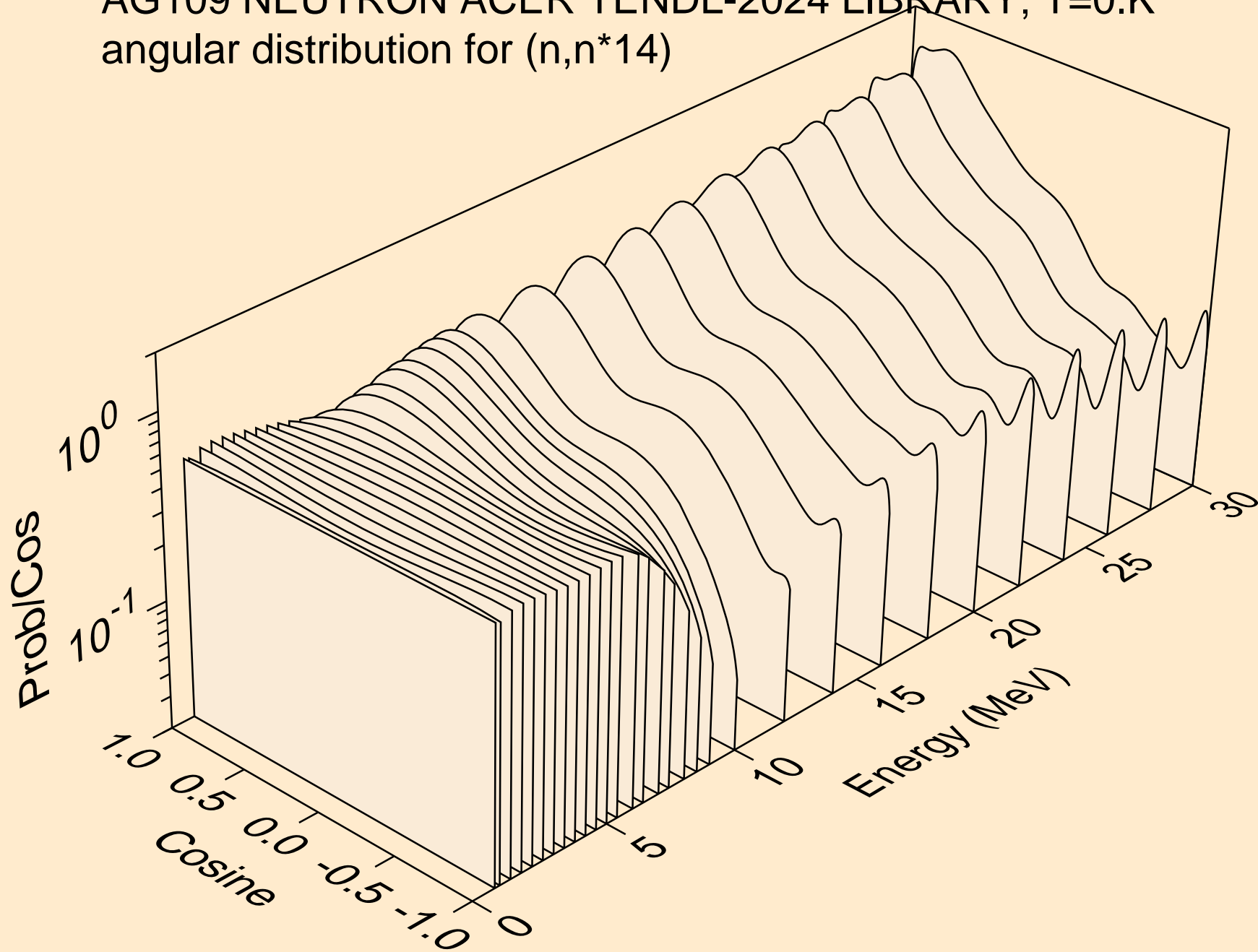
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angular distribution for (n,n\*12)



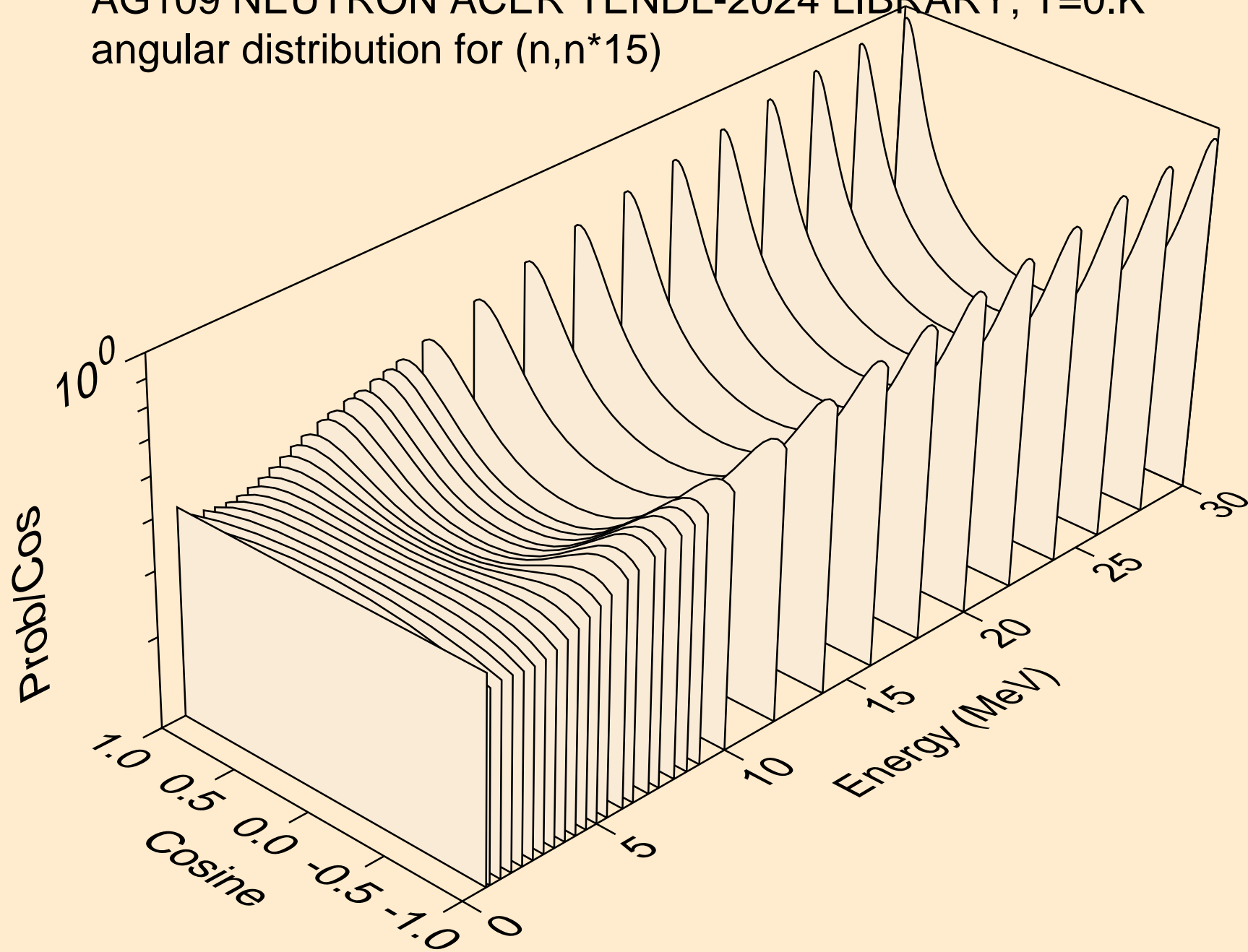
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

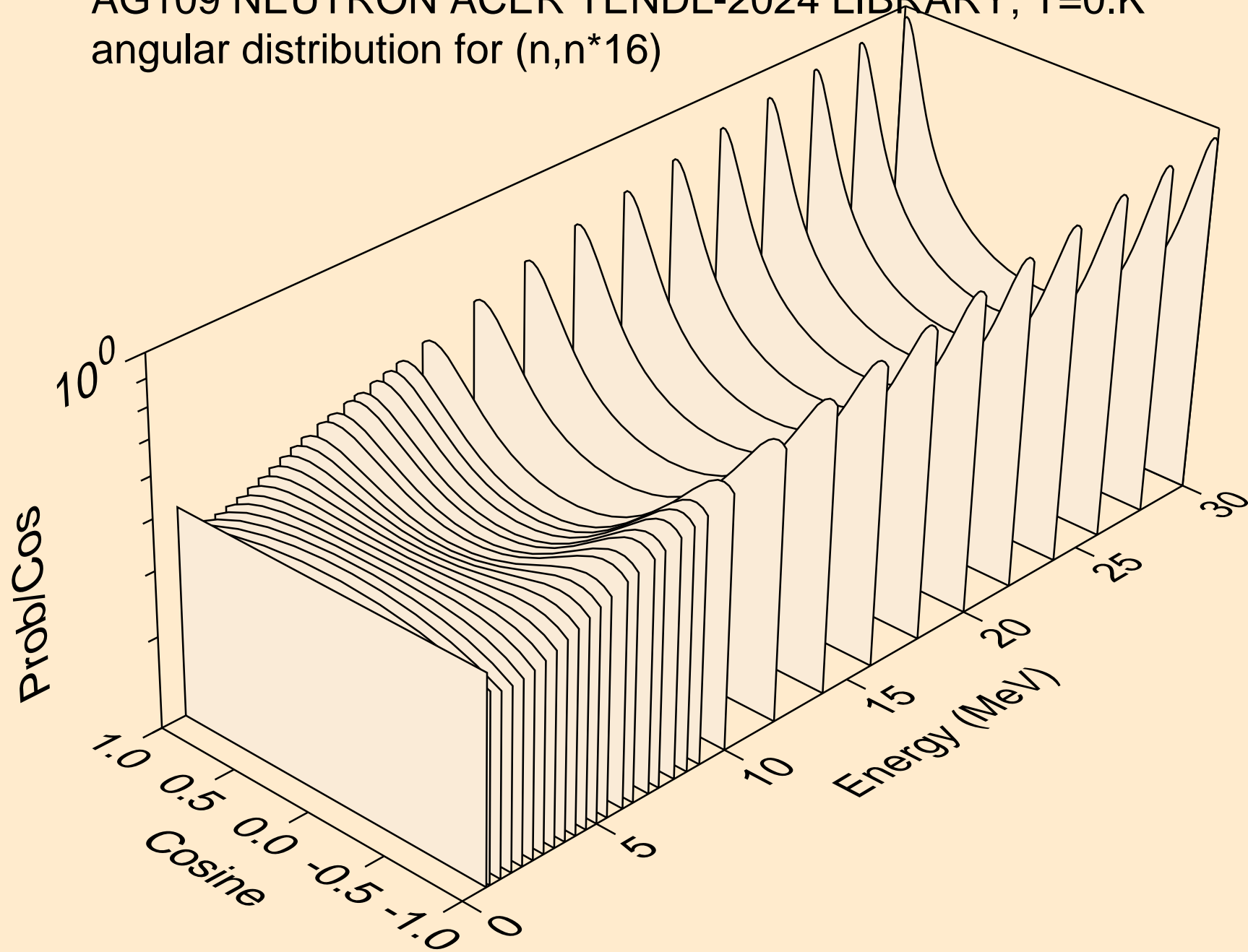


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

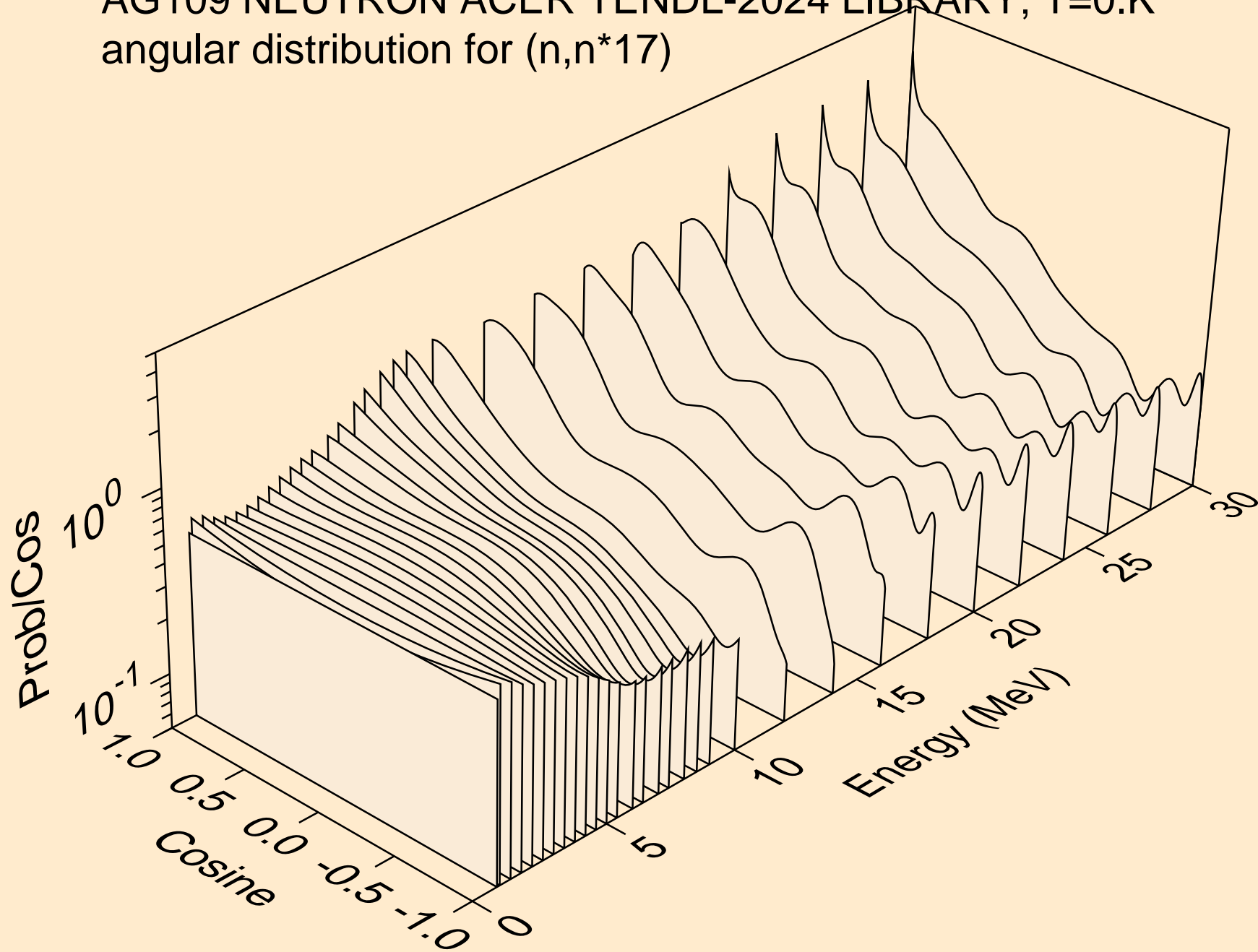




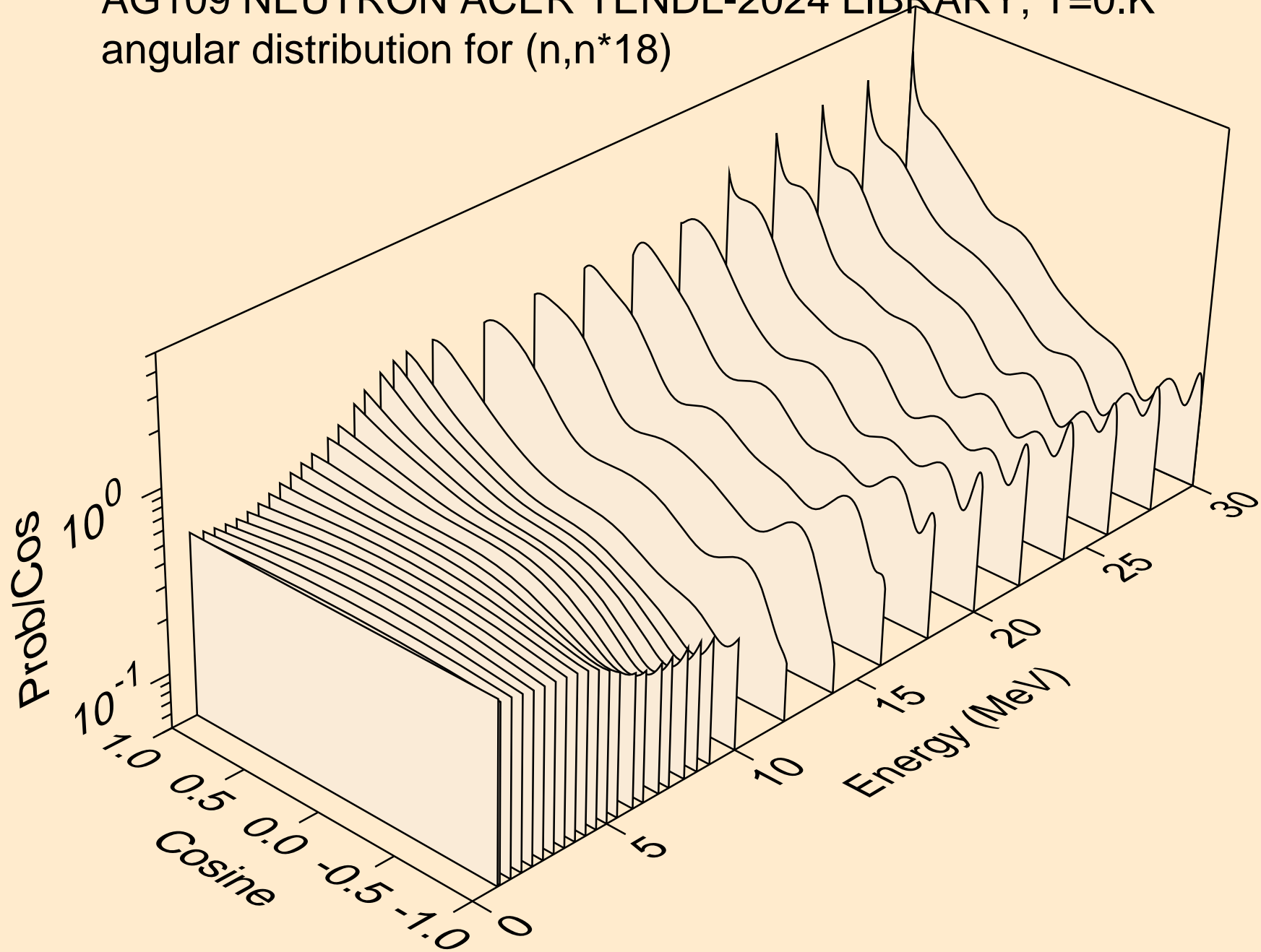
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



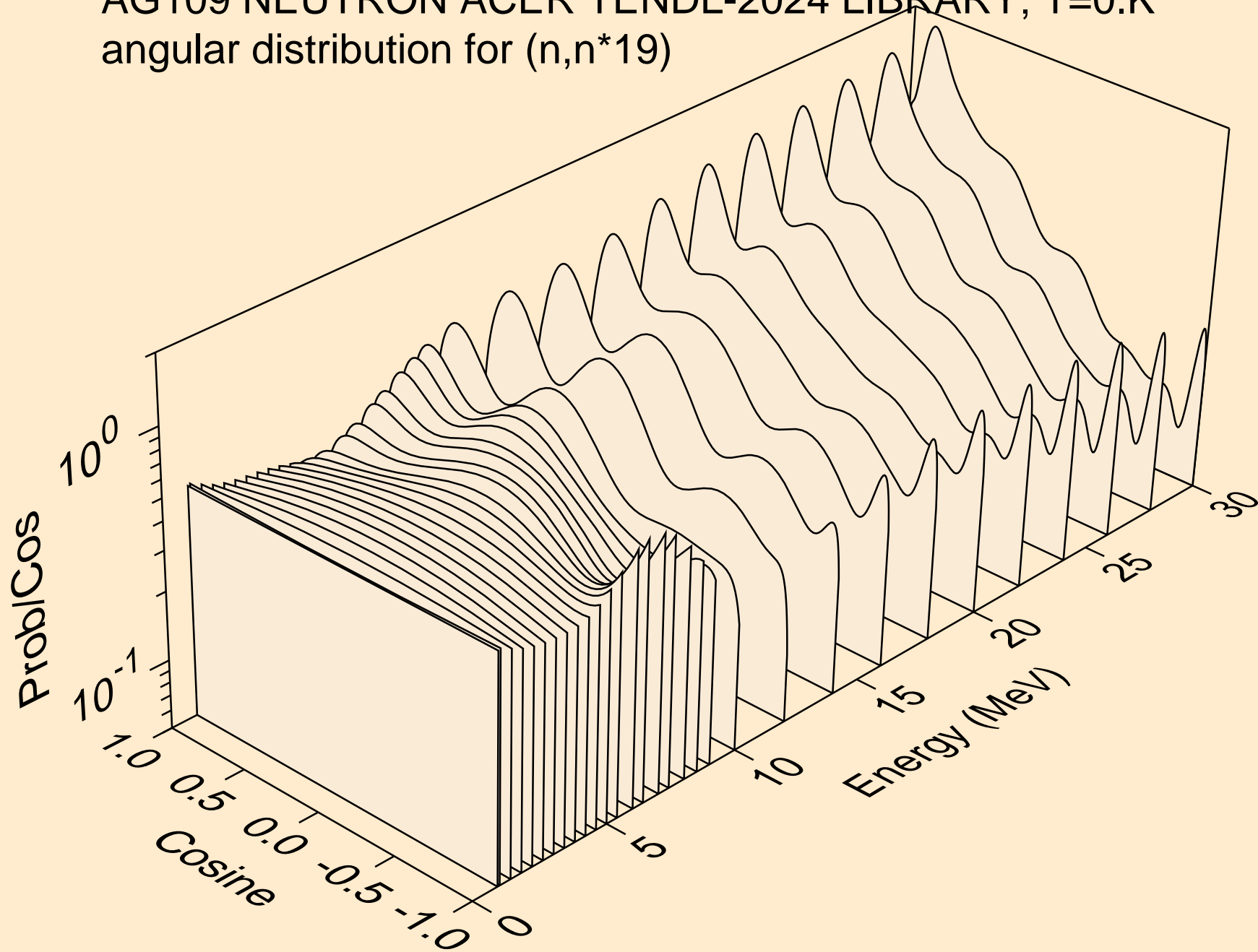
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angular distribution for (n,n\*17)



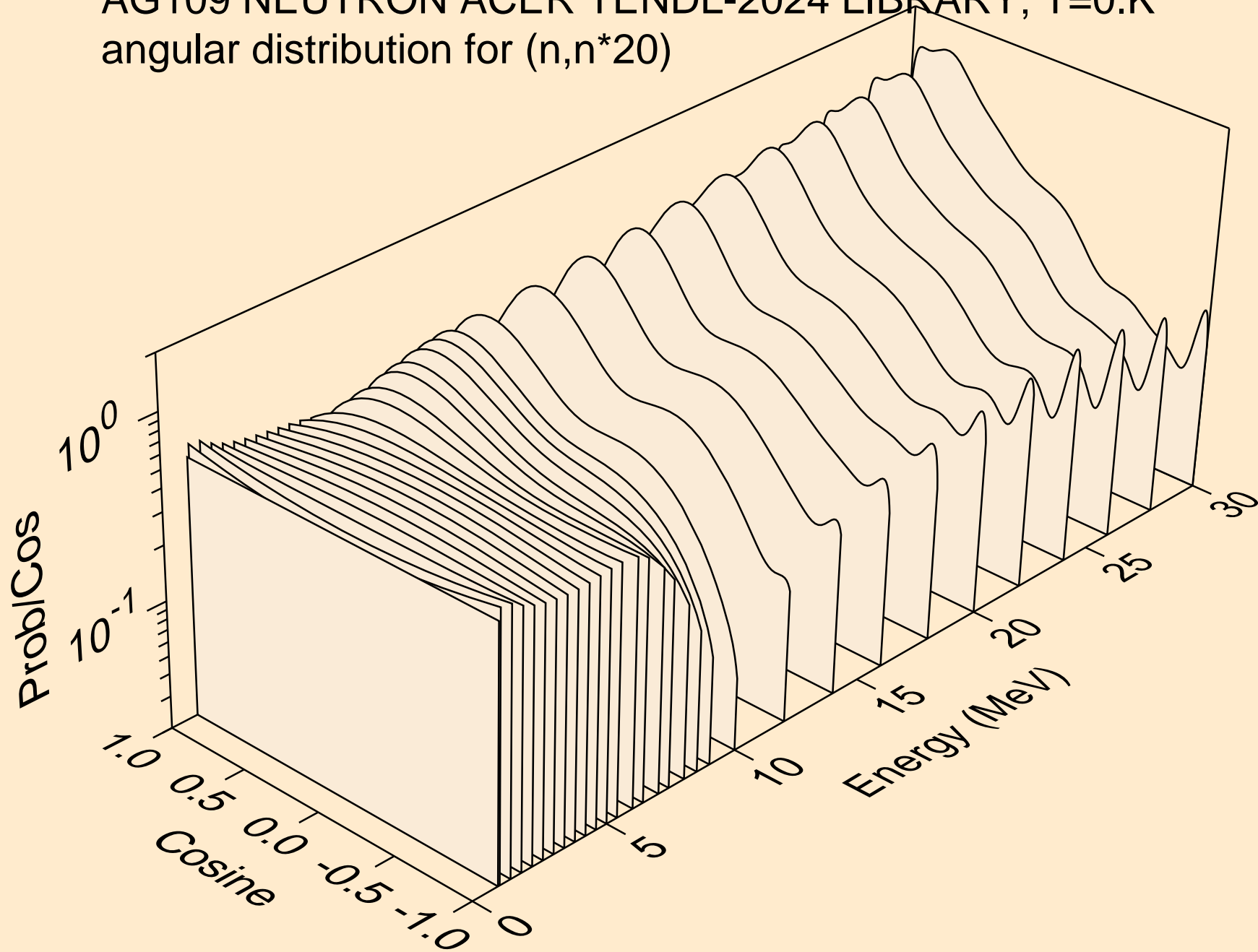
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angular distribution for (n,n\*18)



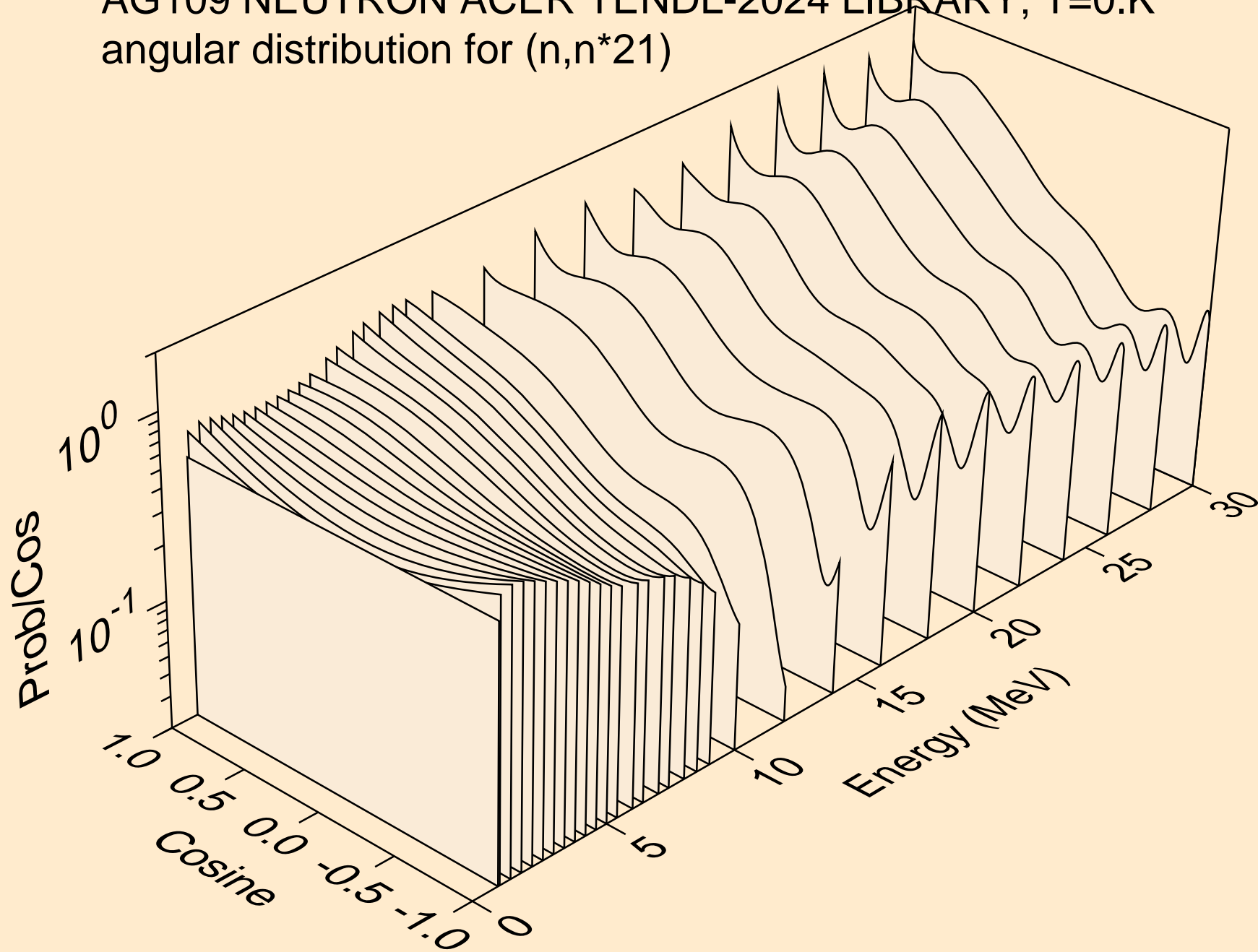
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angular distribution for (n,n\*19)



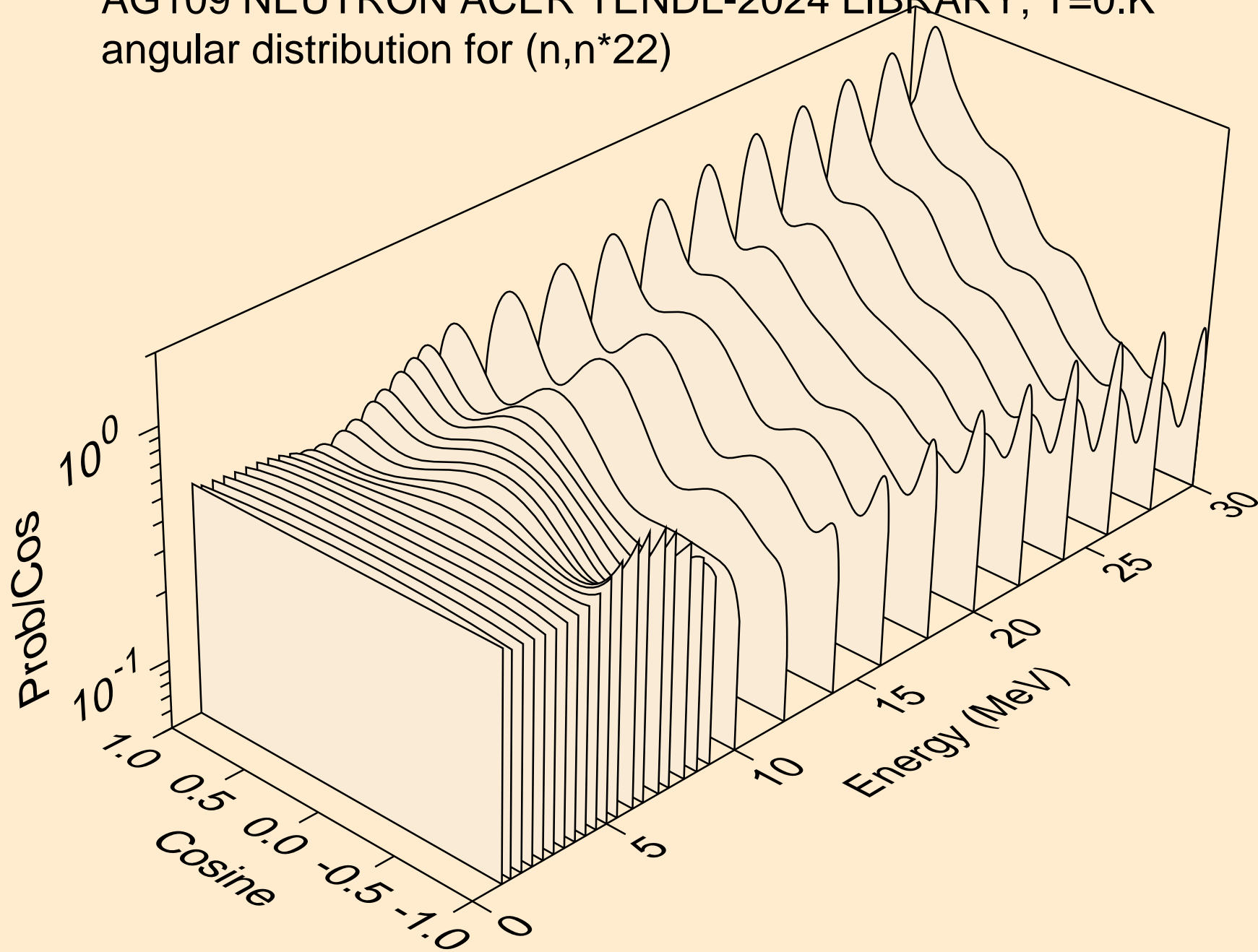
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angular distribution for (n,n\*20)



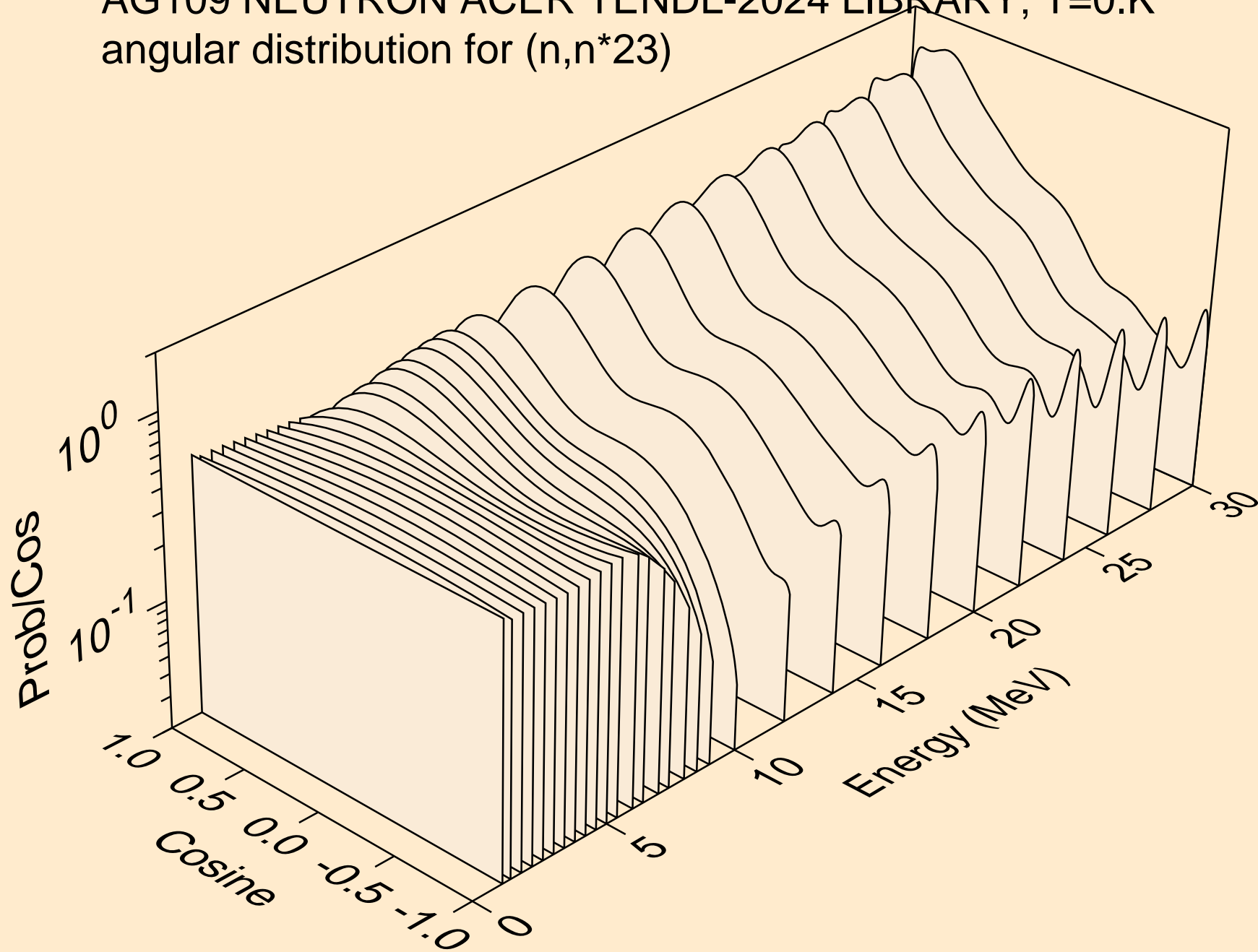
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

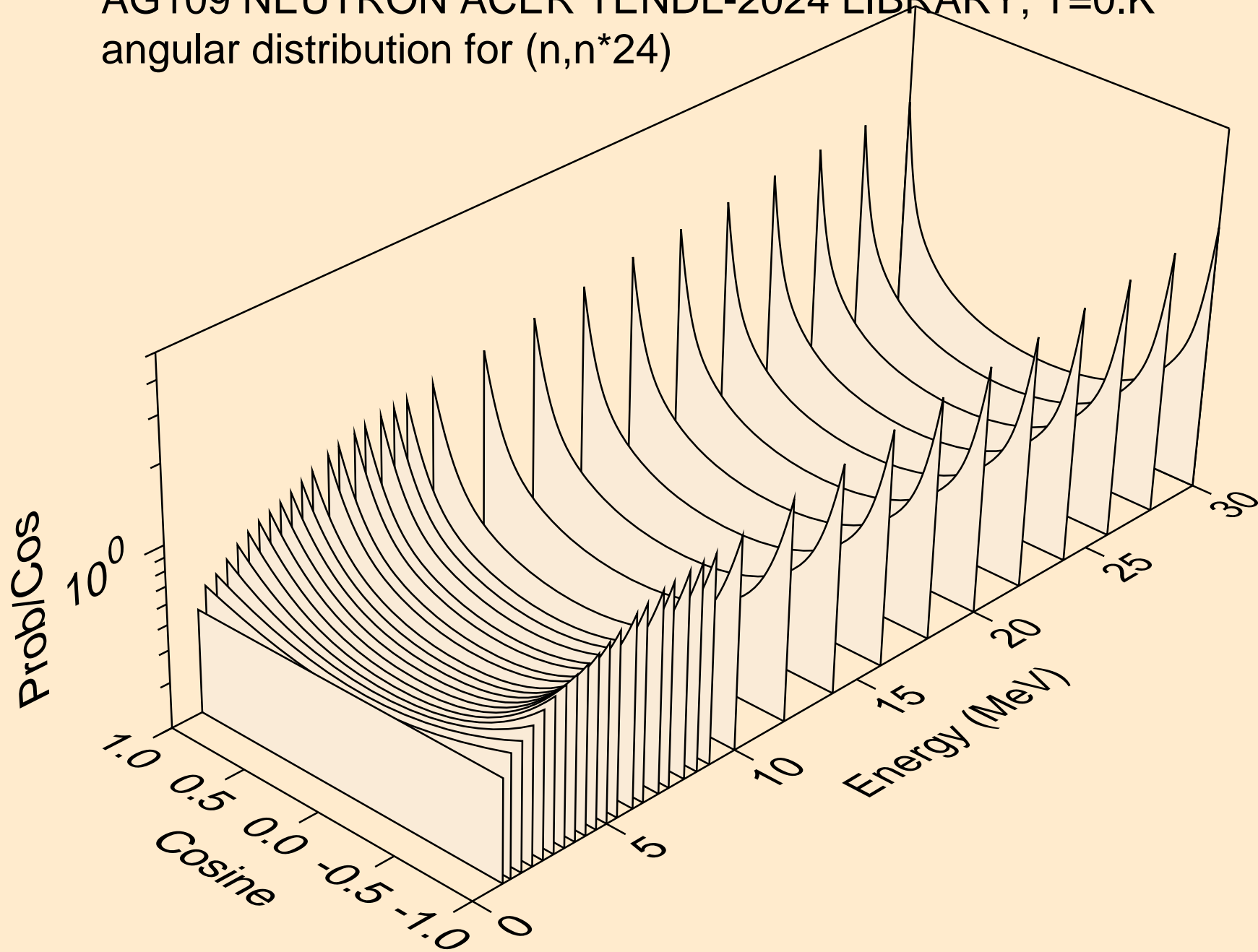


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

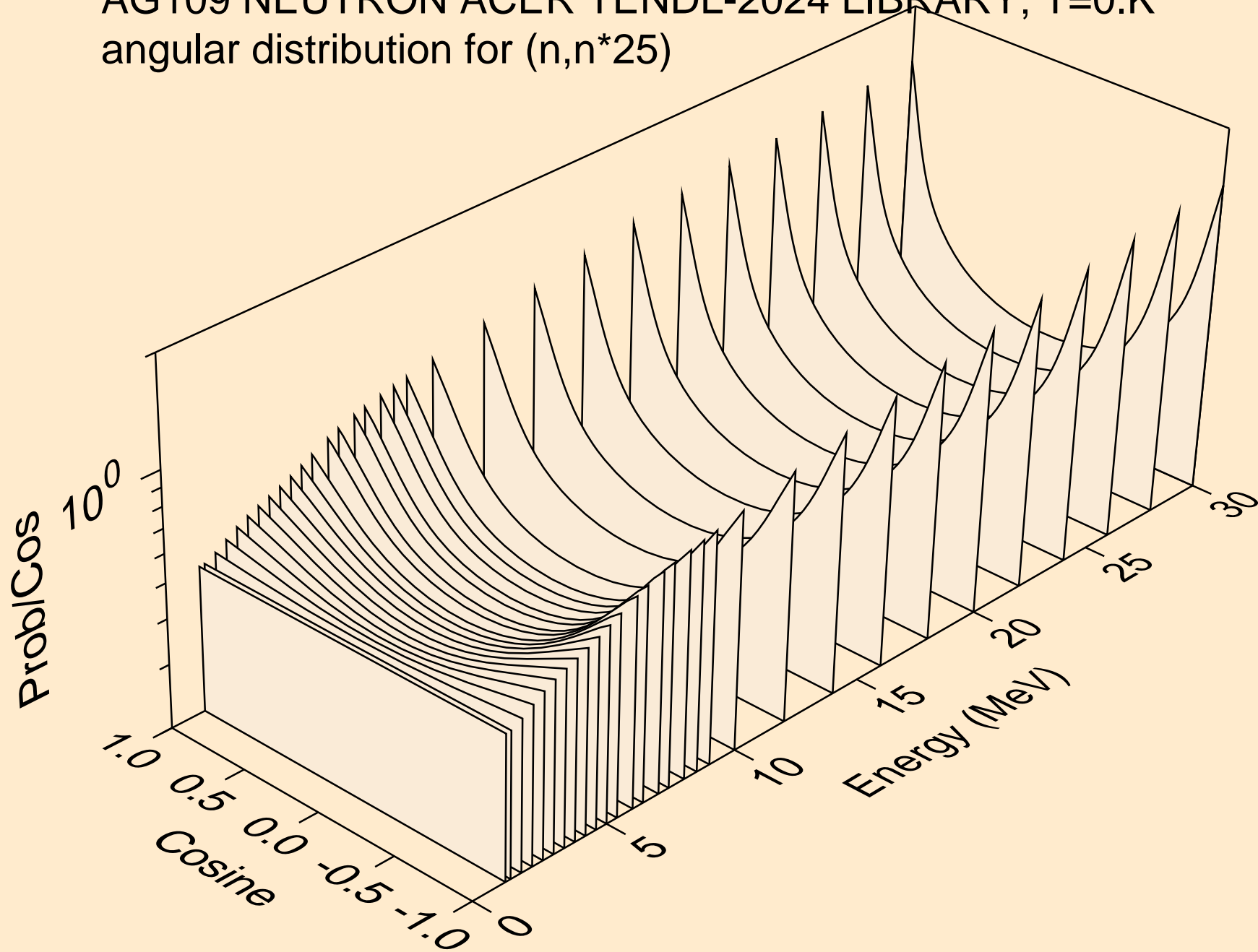




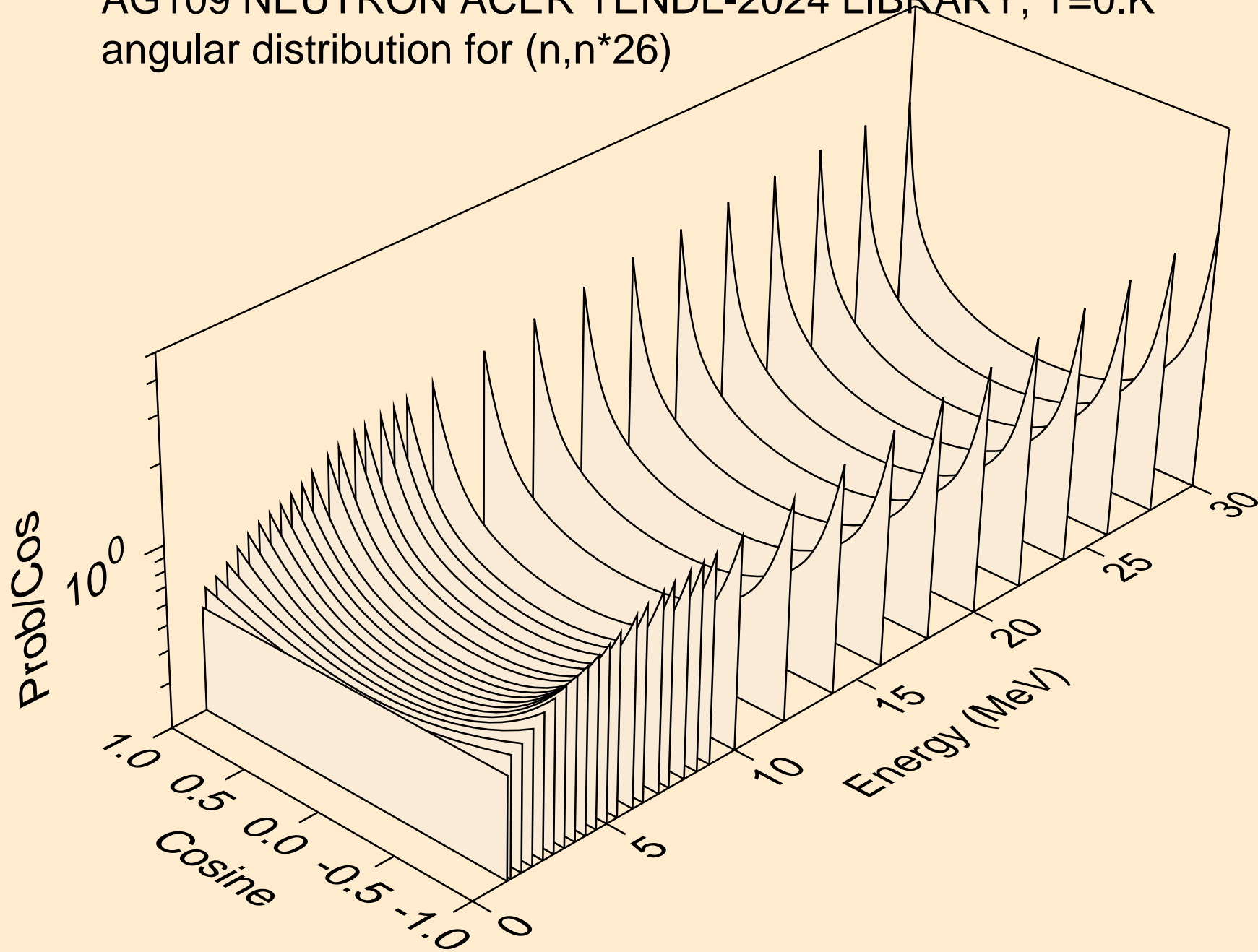
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angular distribution for (n,n\*24)



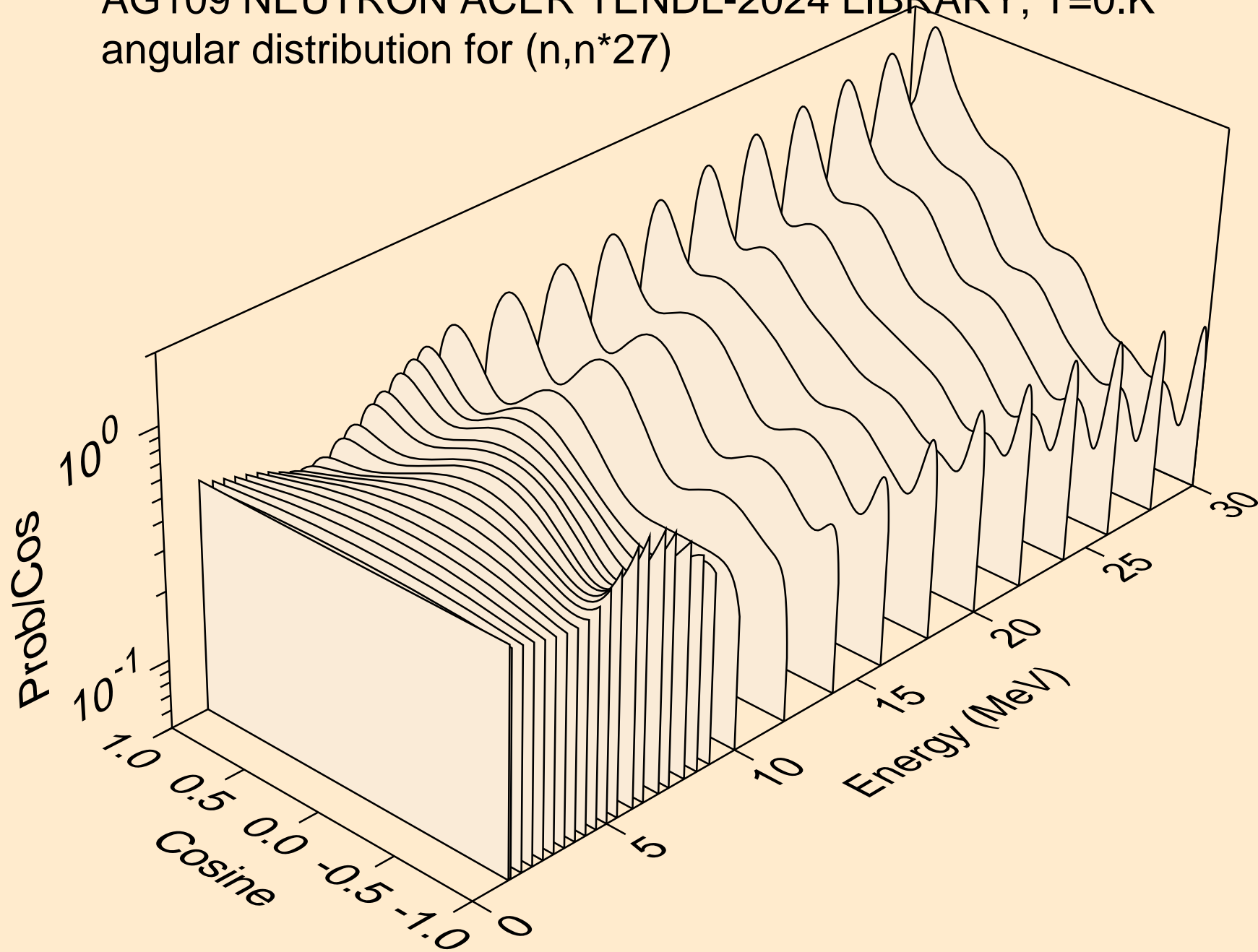
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



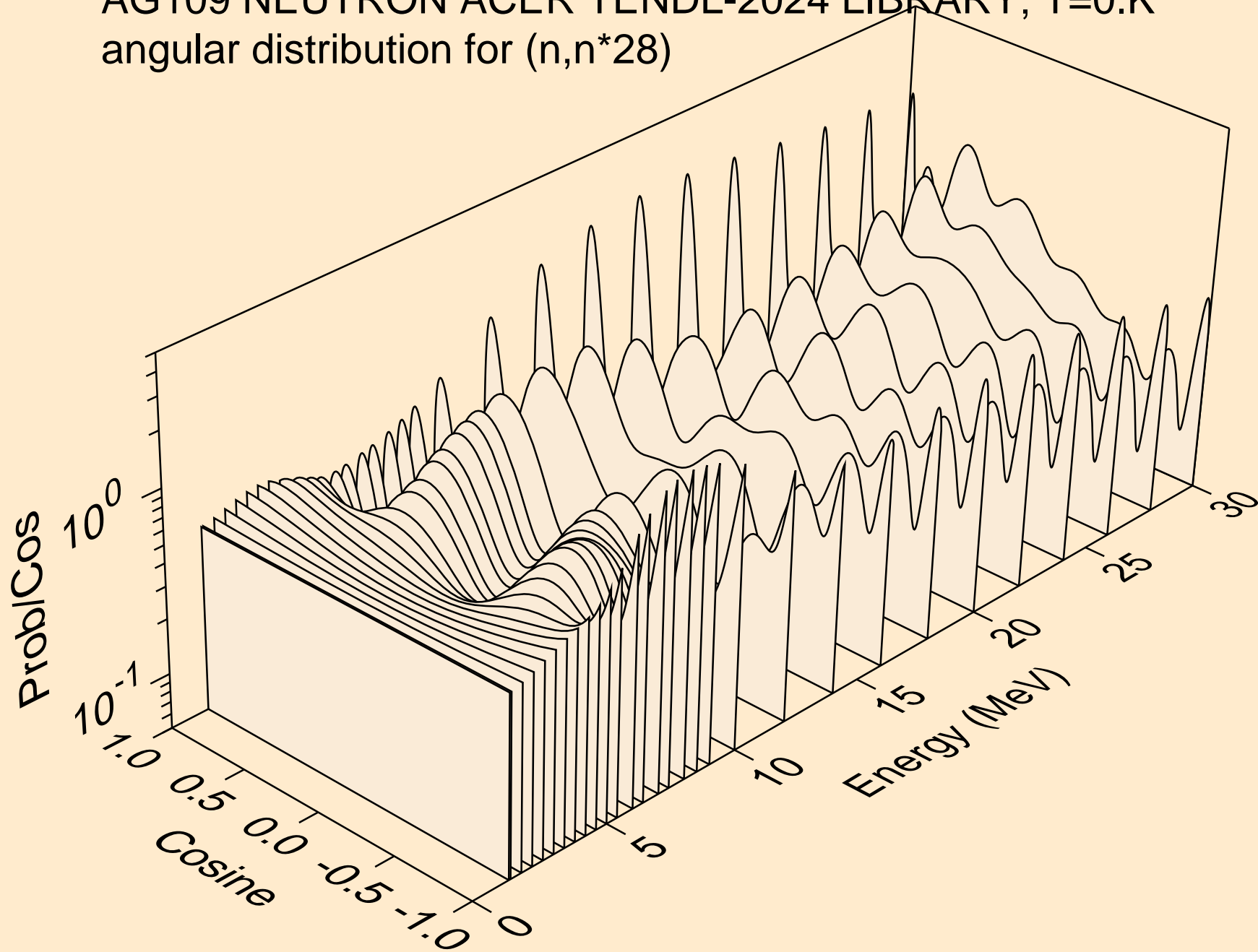
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



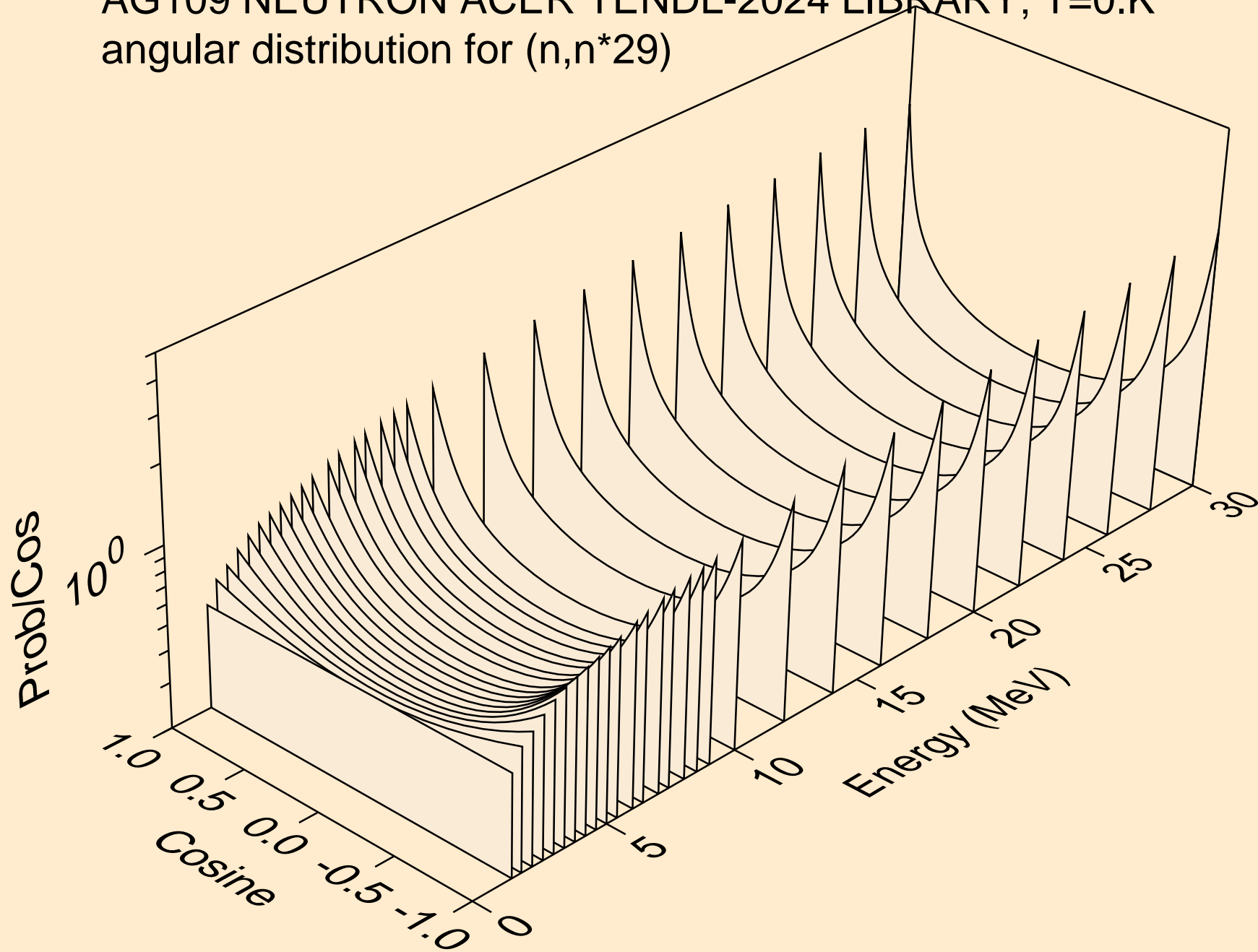
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



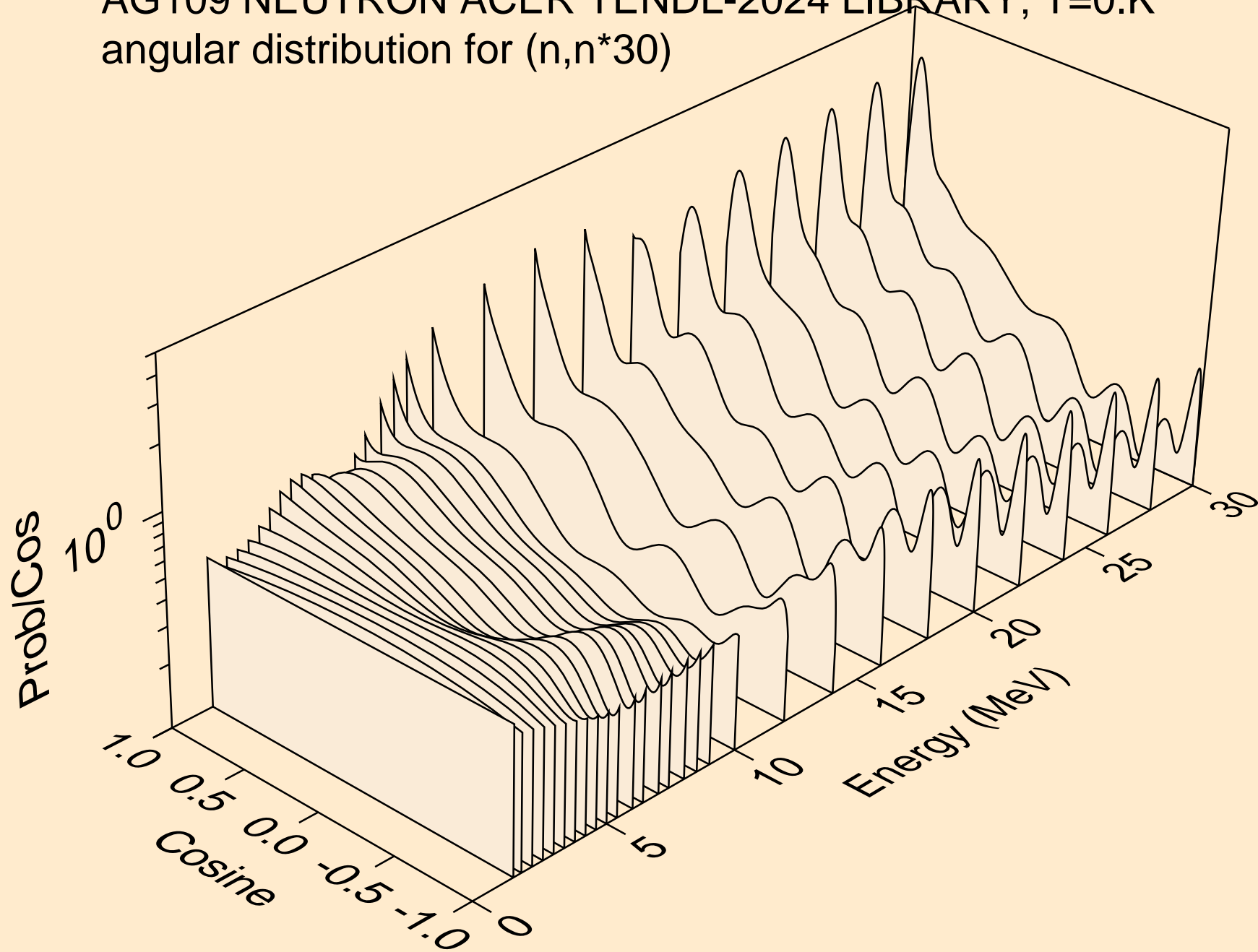
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



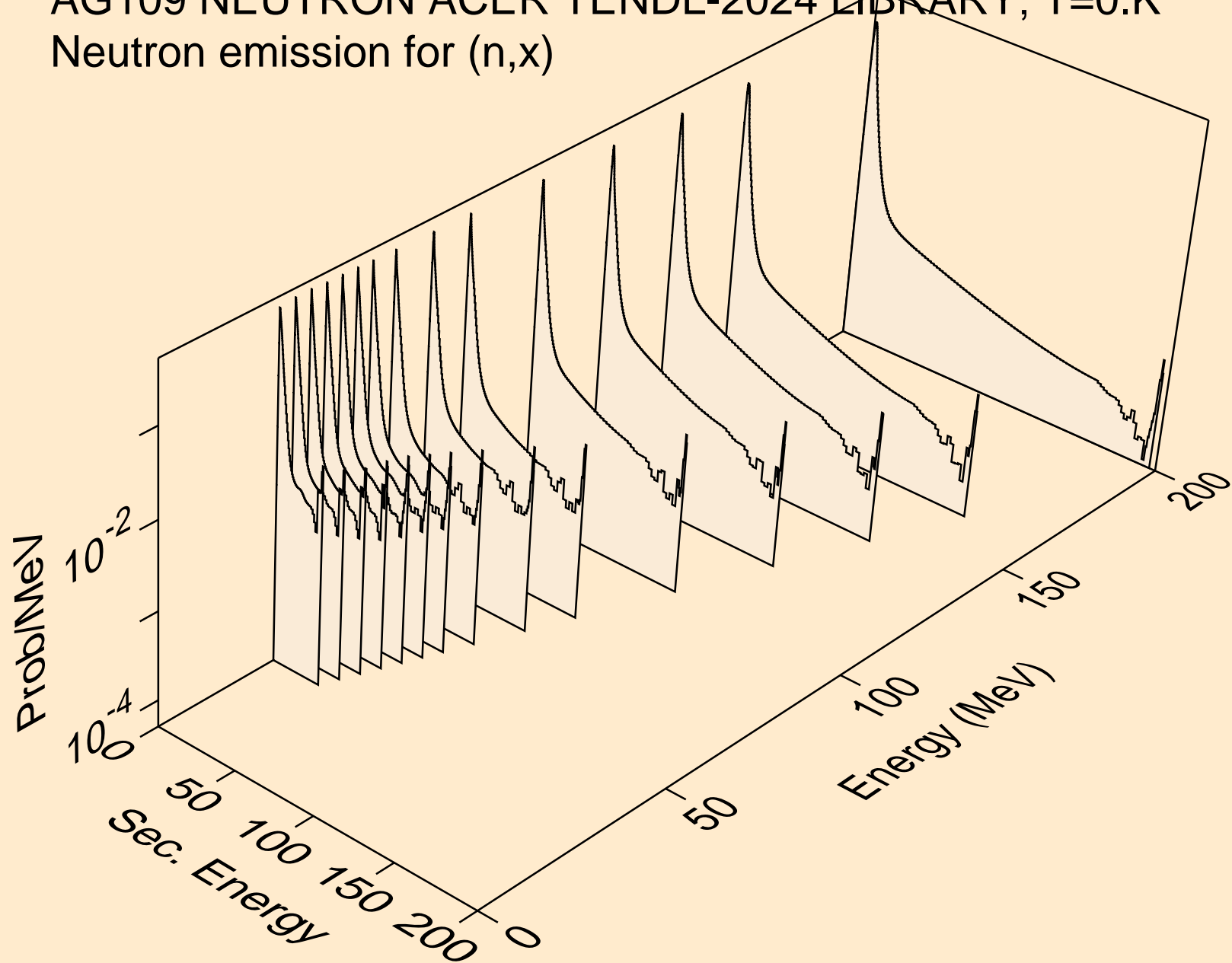
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

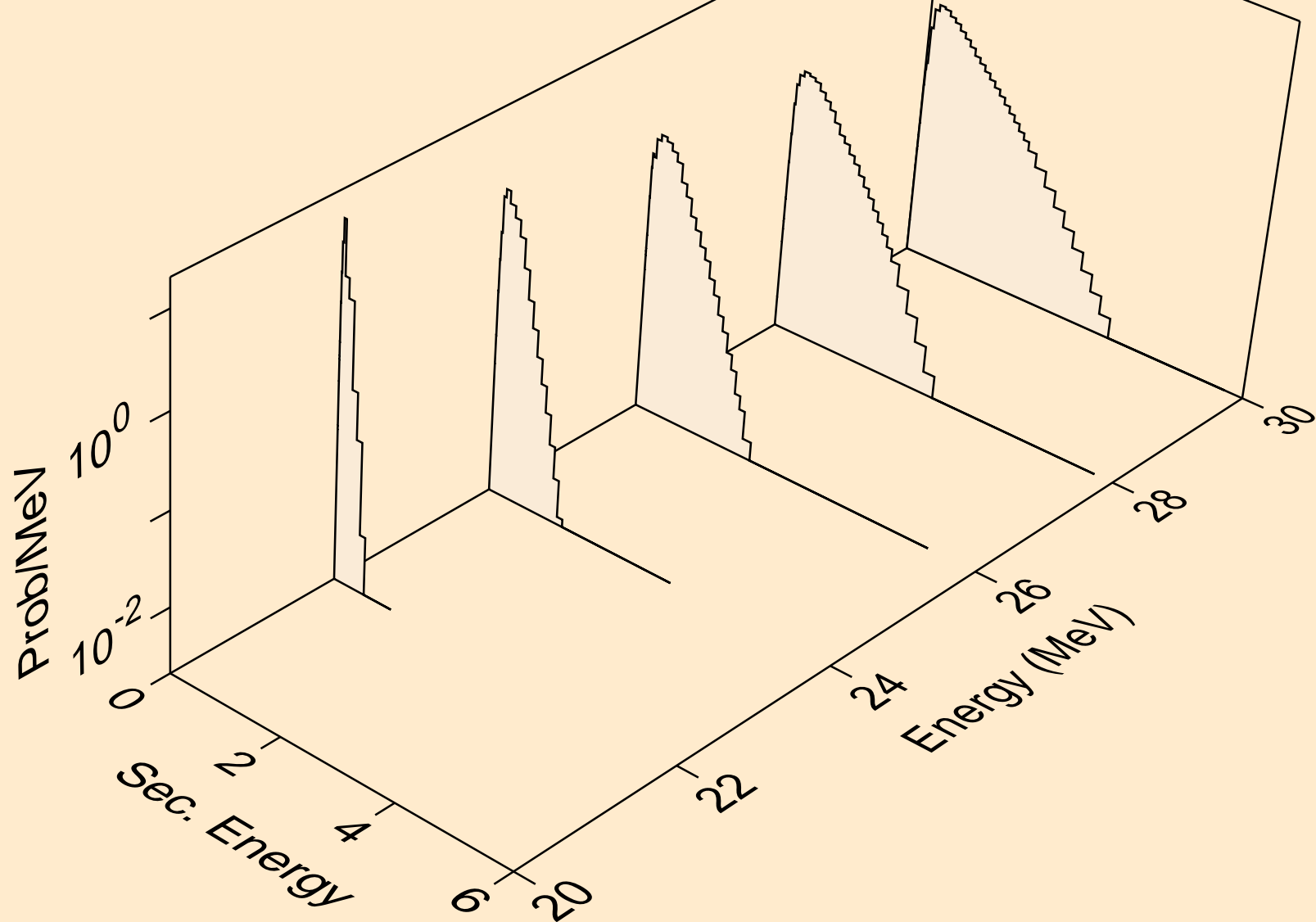


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

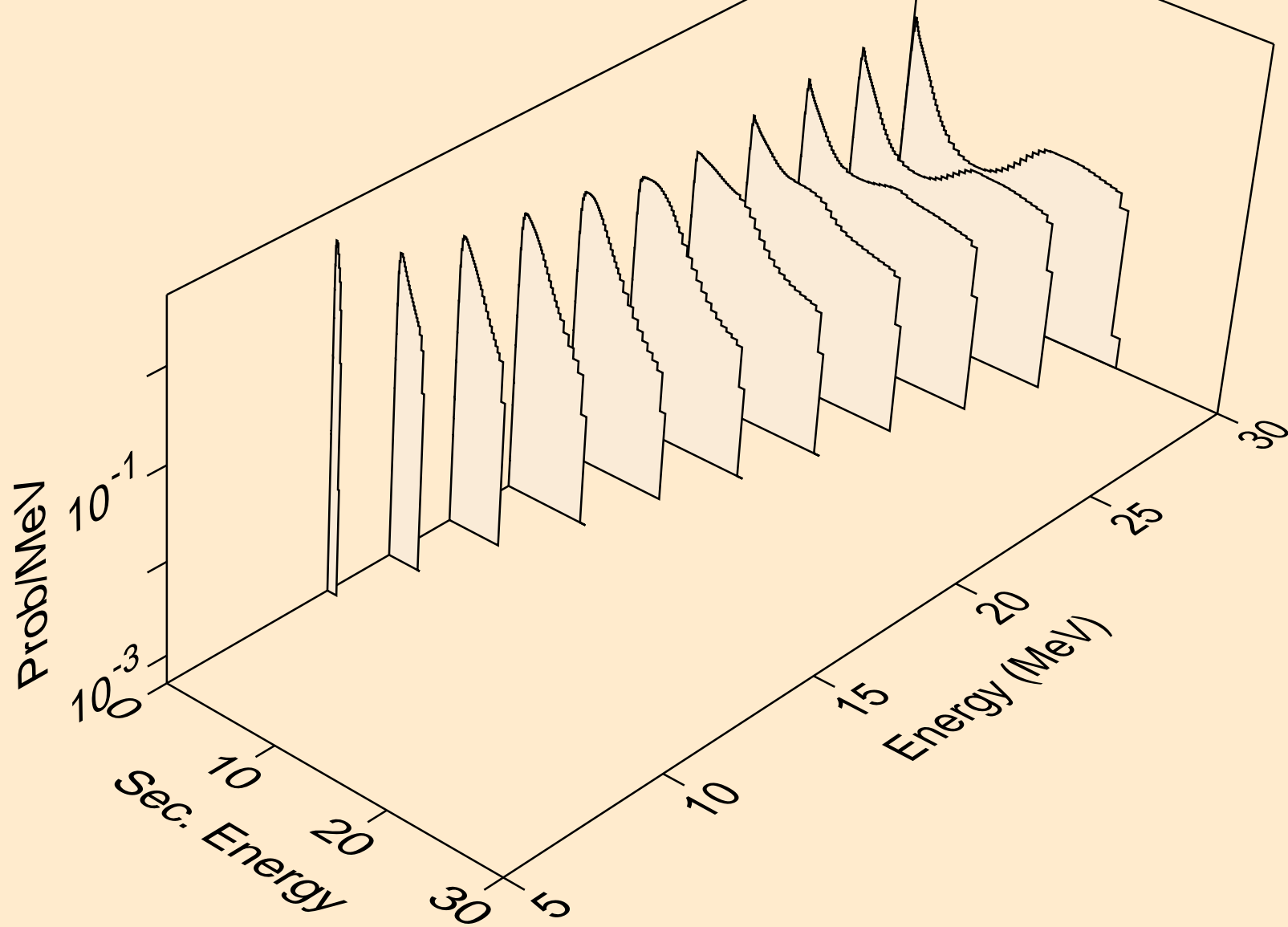




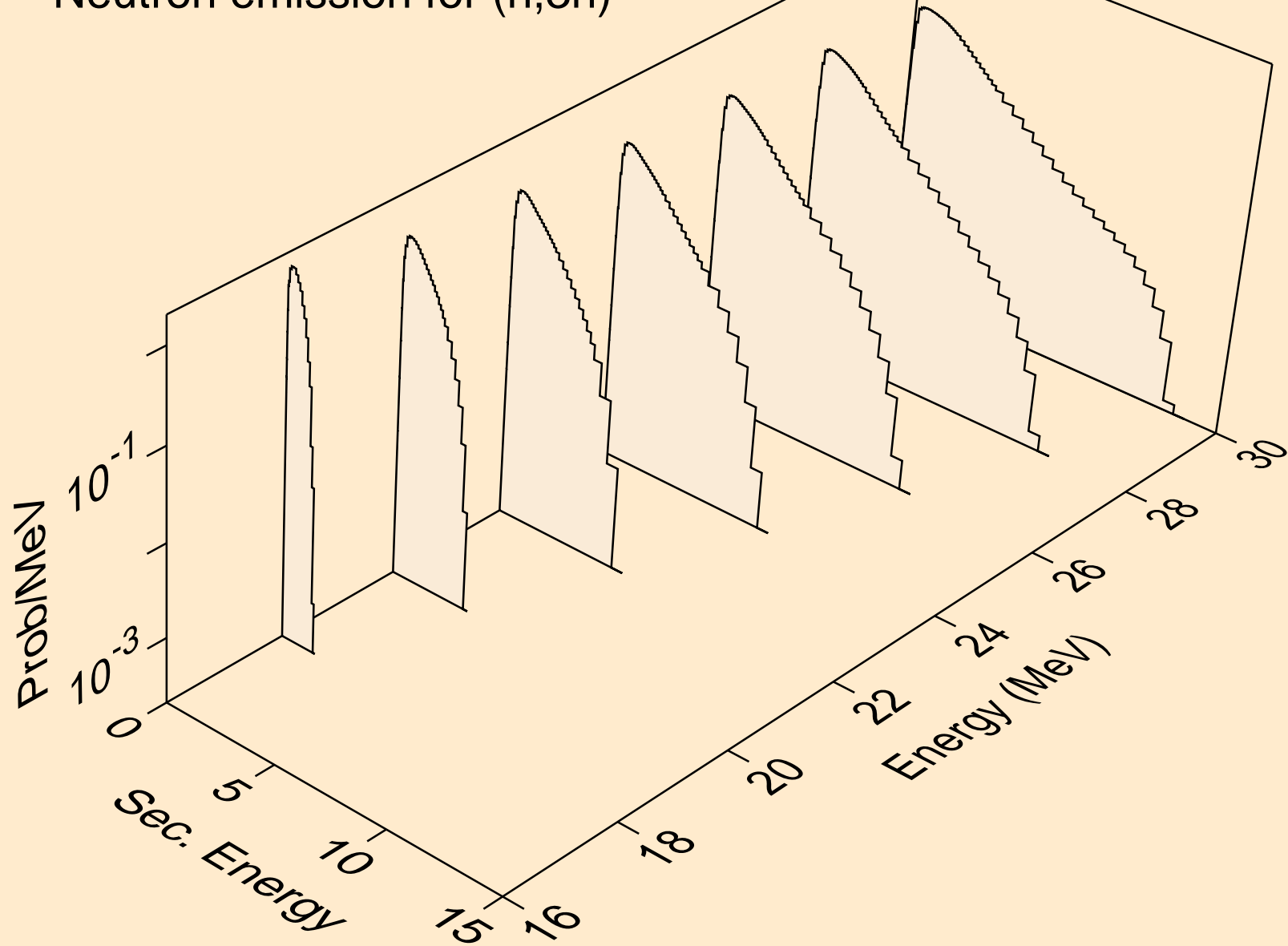
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



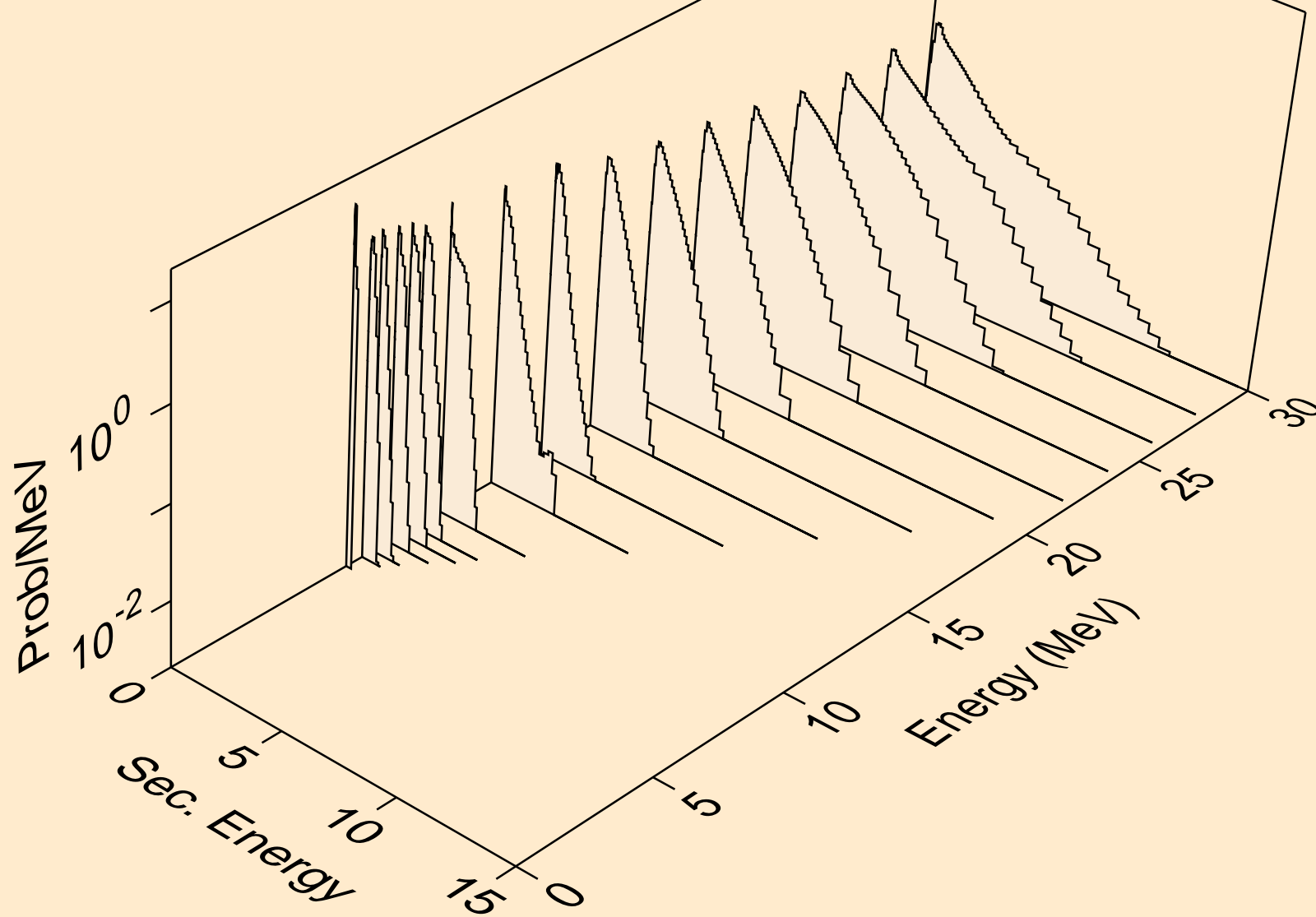
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



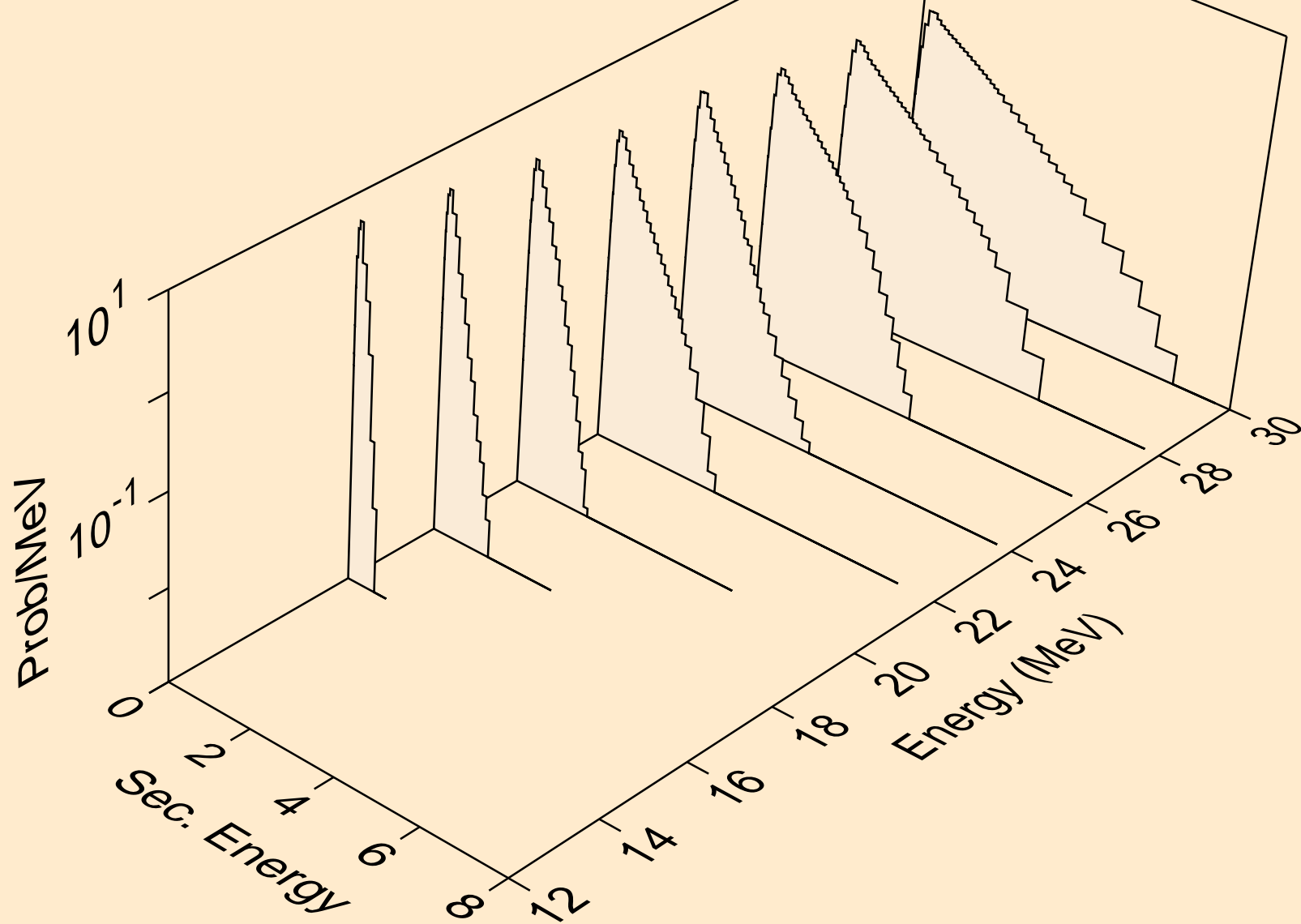
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



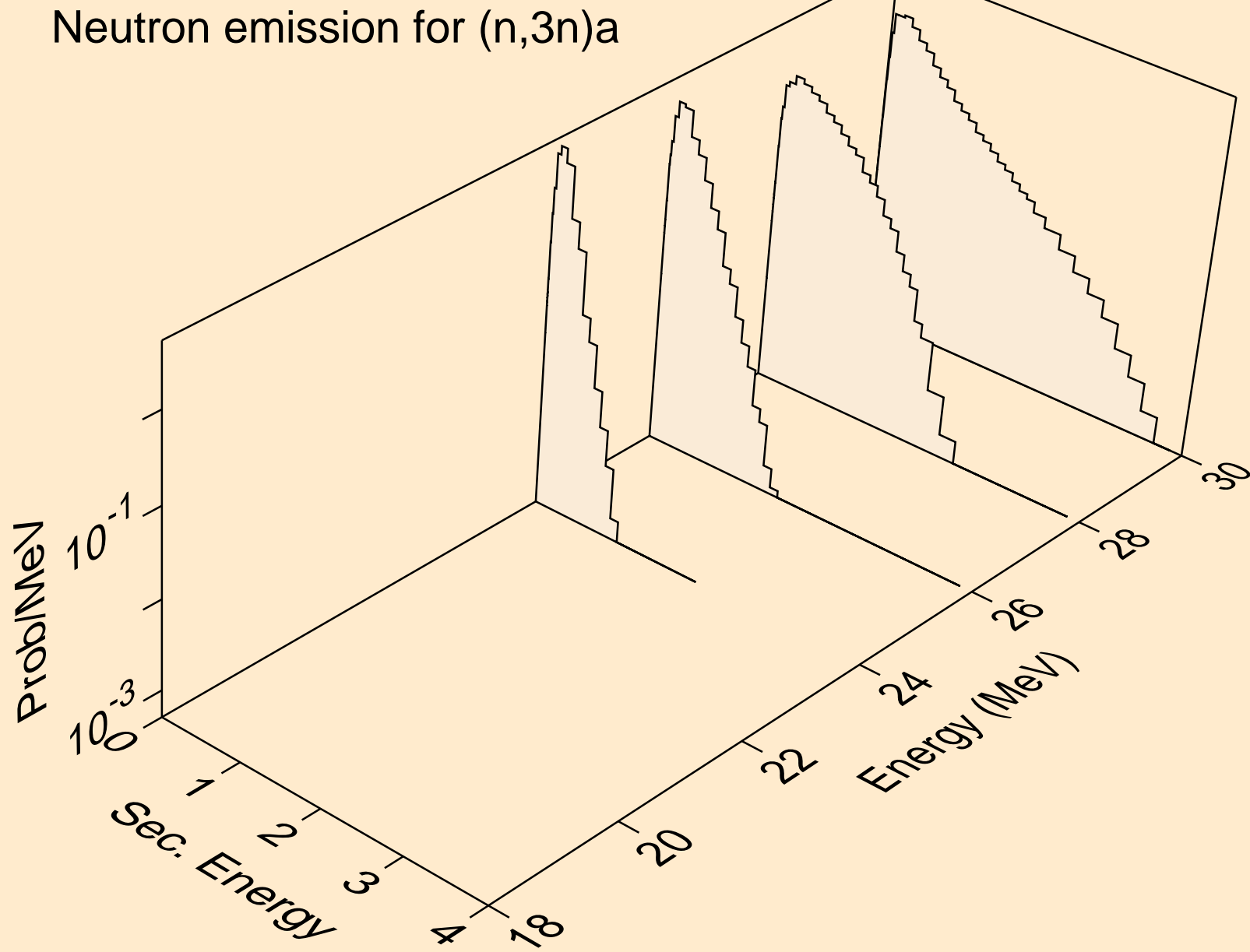
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



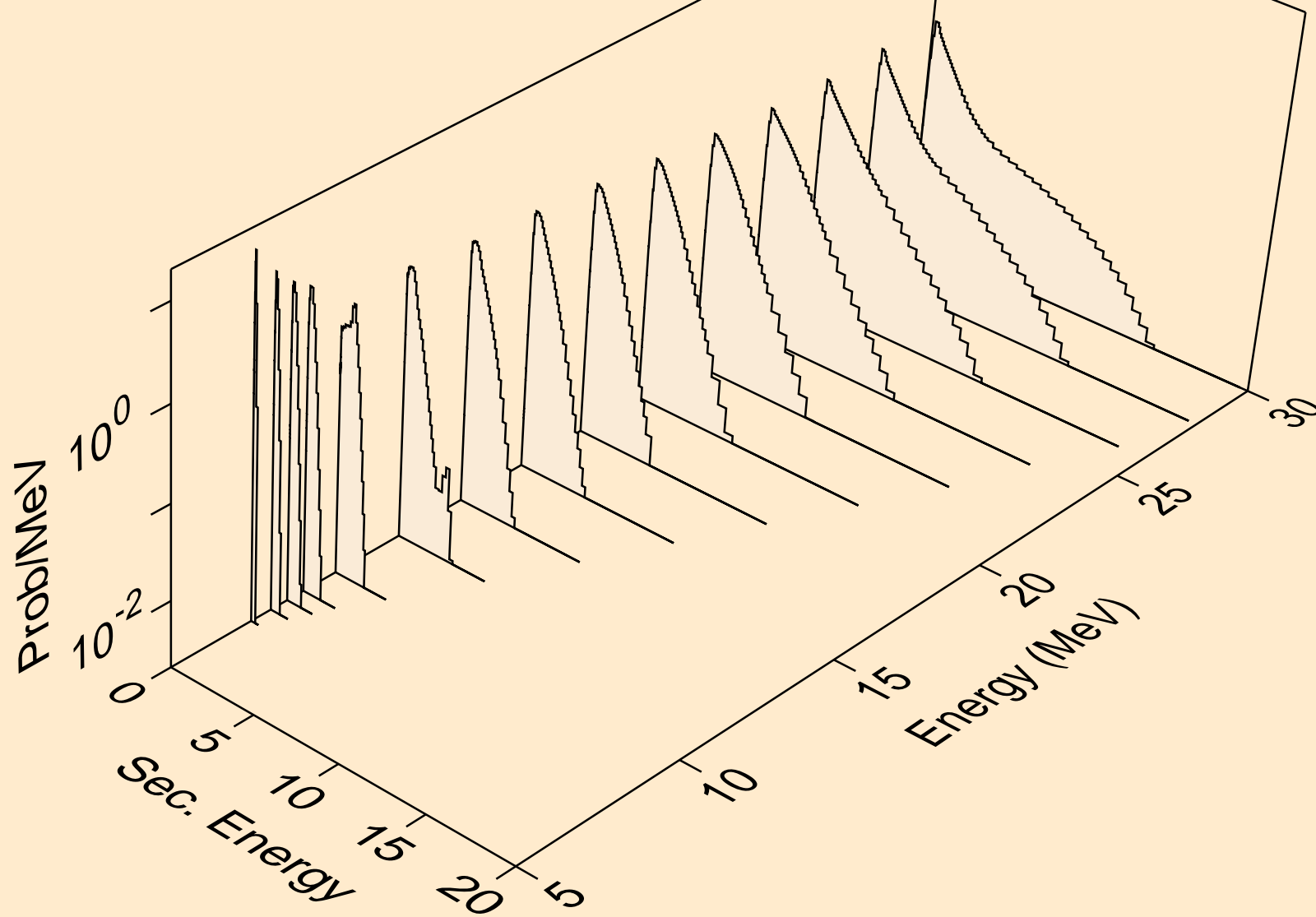
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



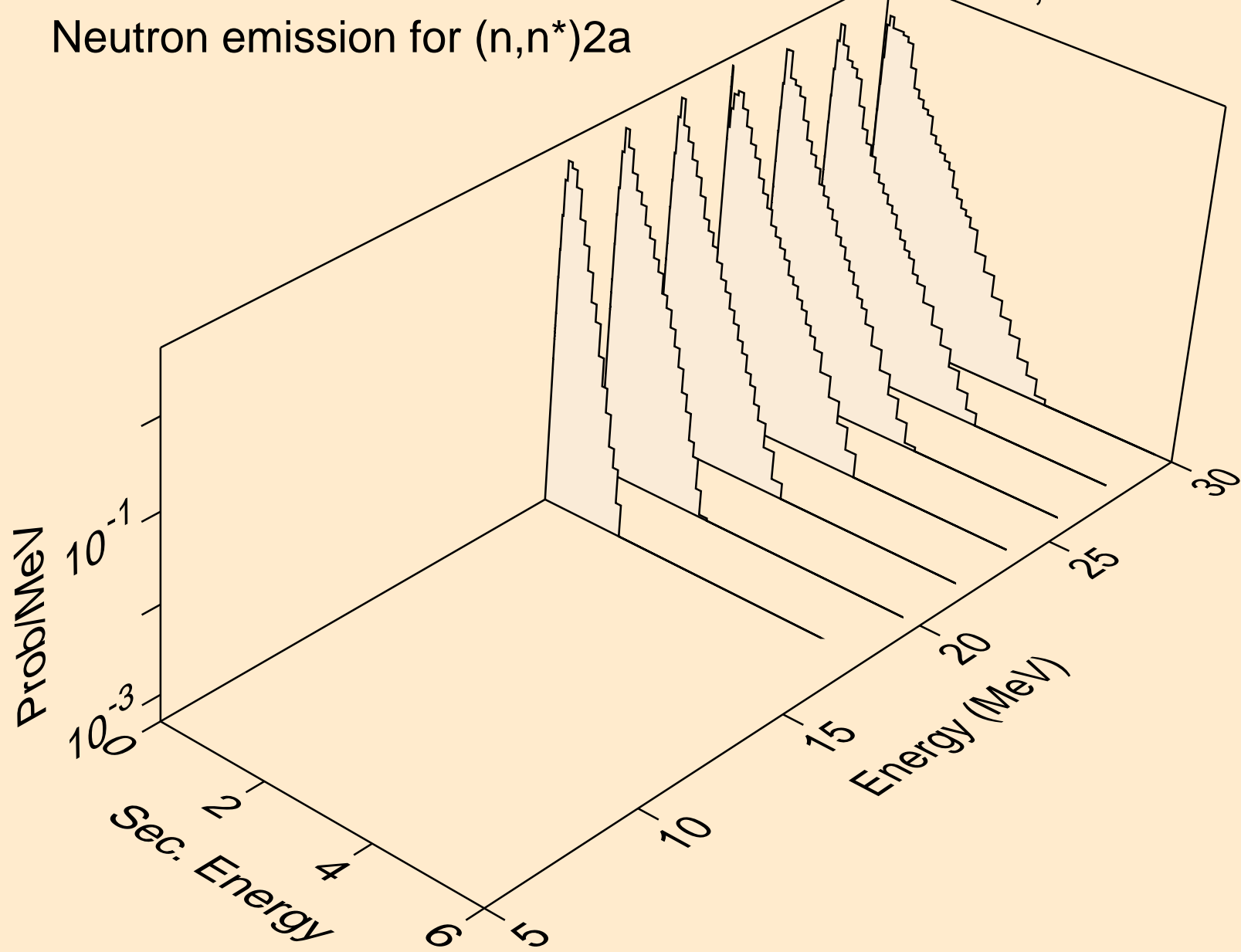
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

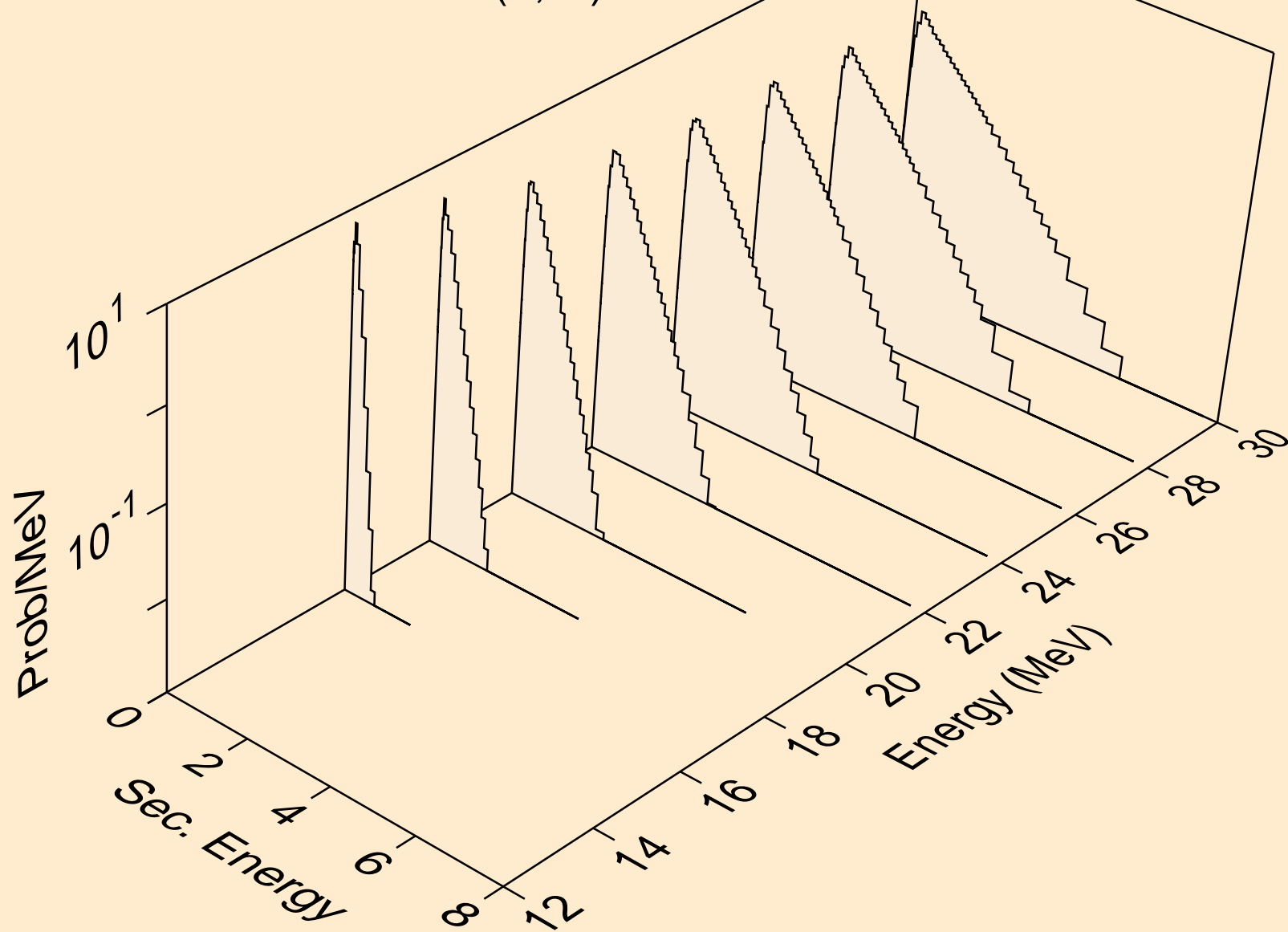


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

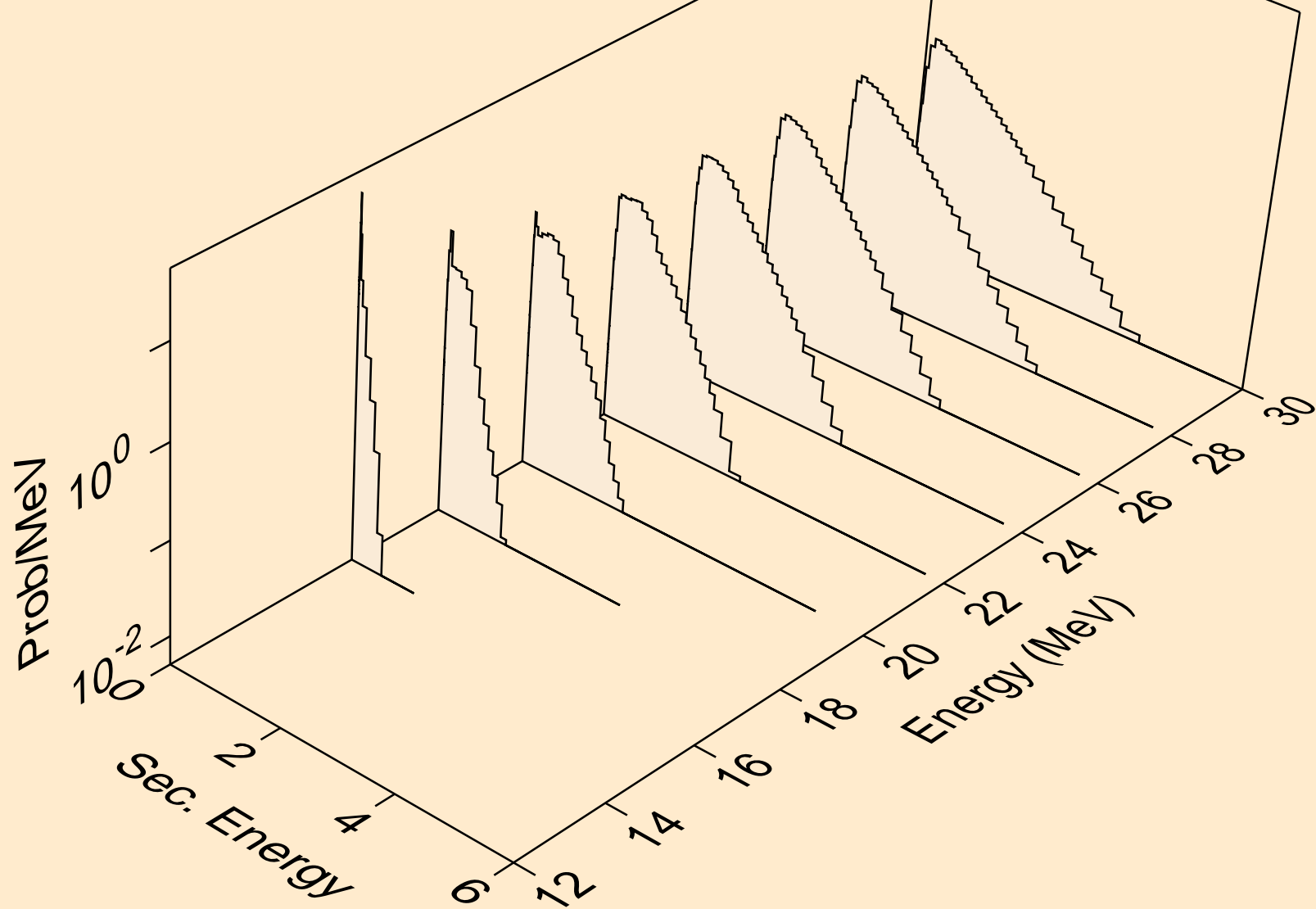




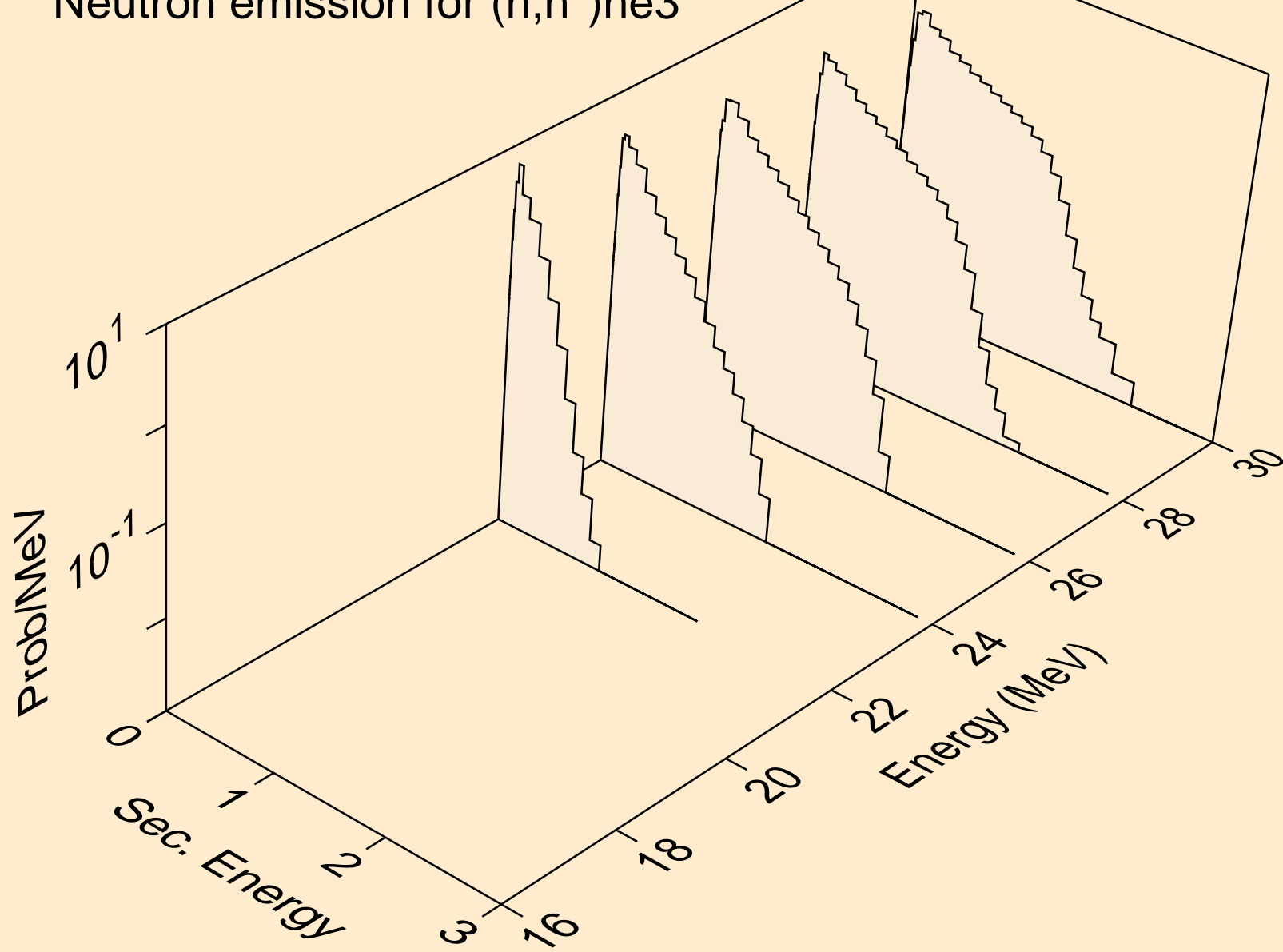
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



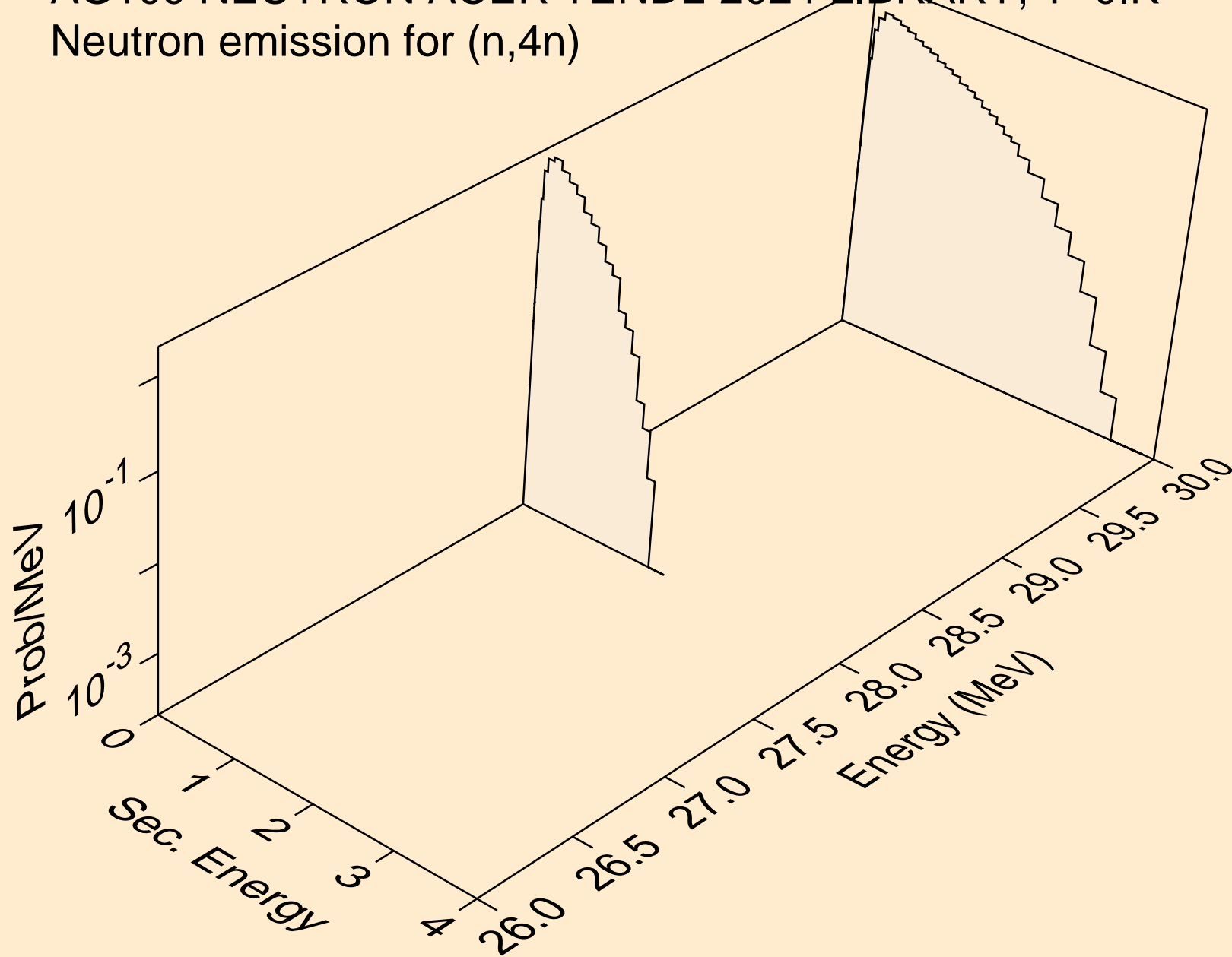
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



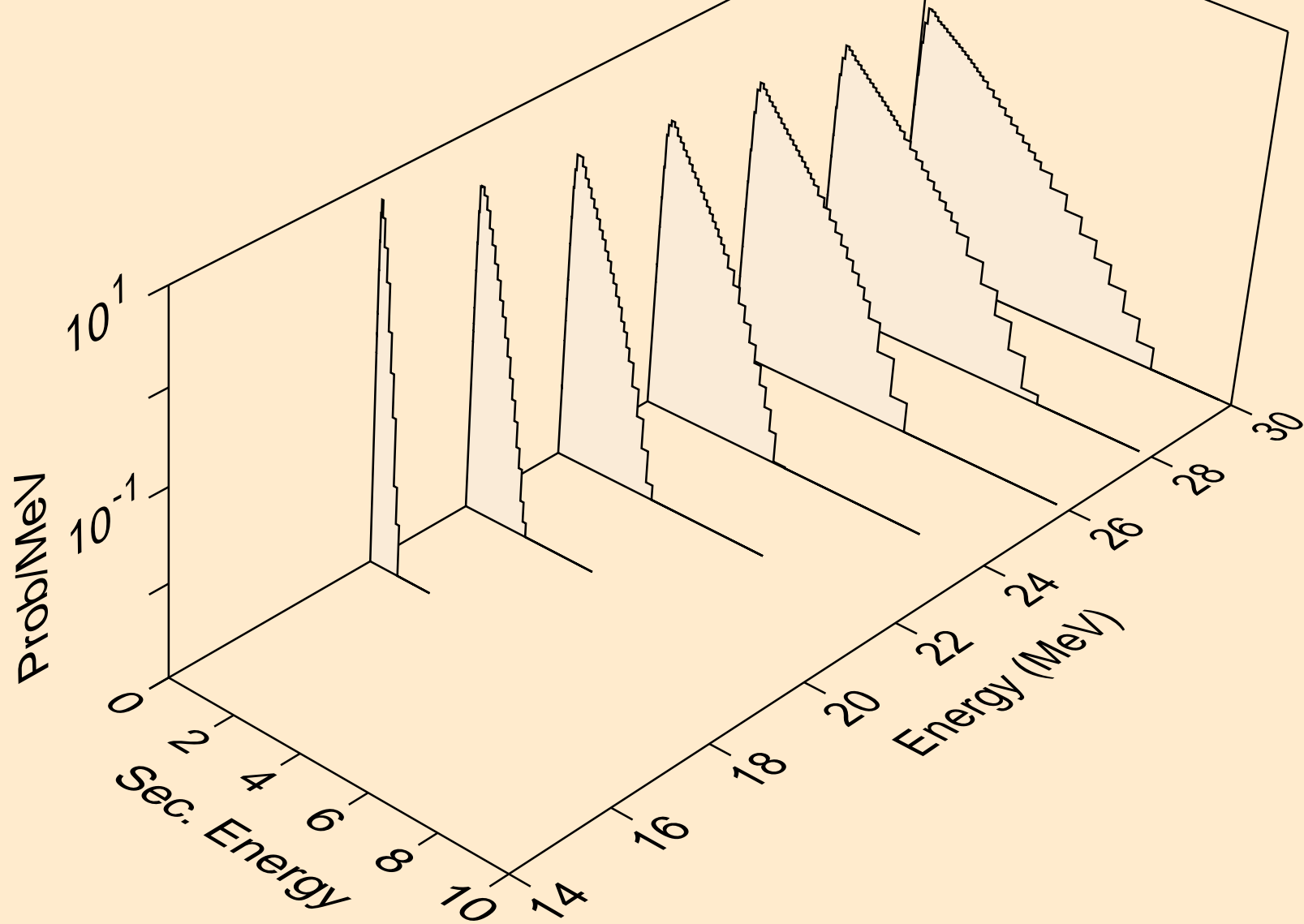
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



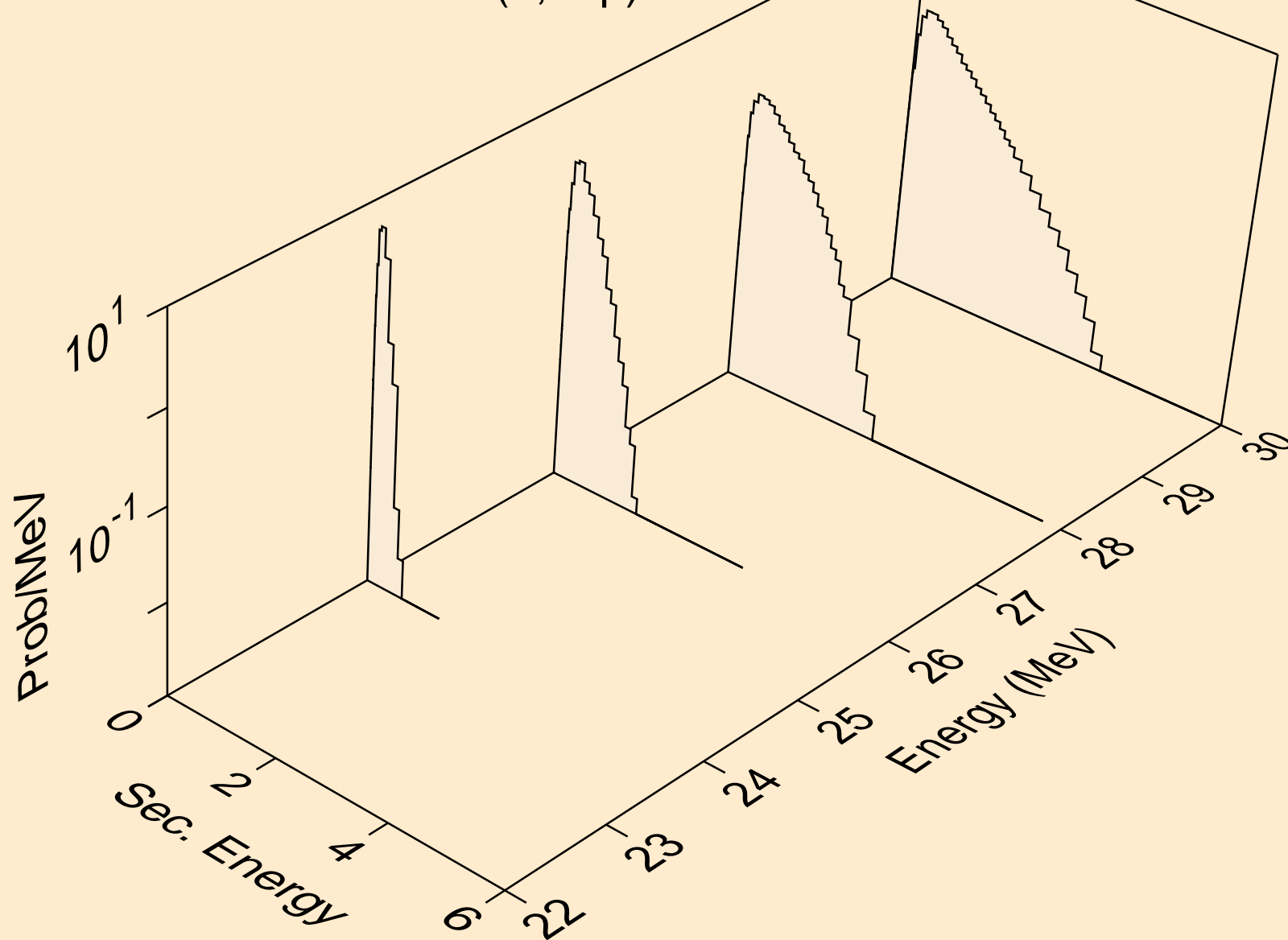
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



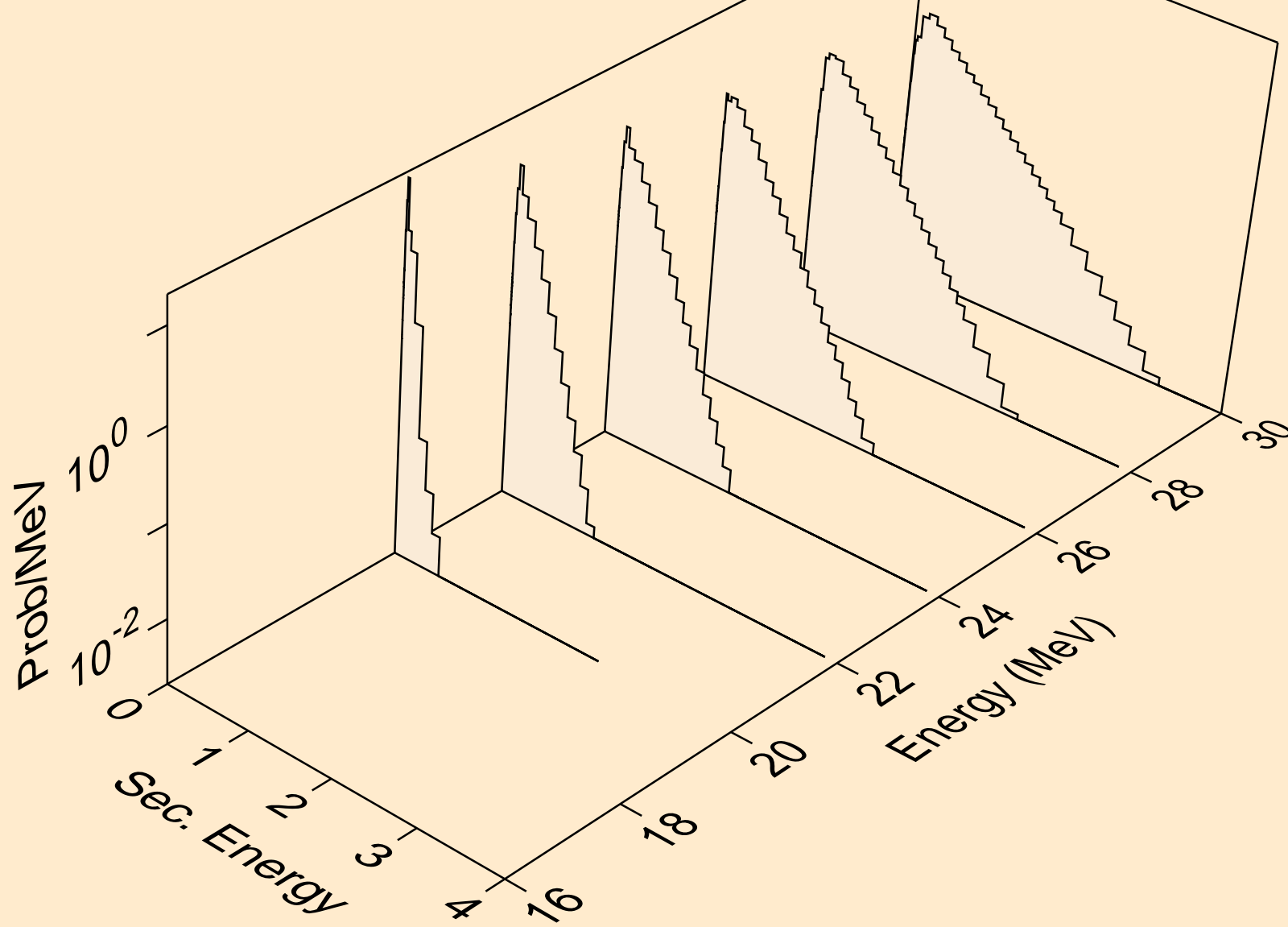
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



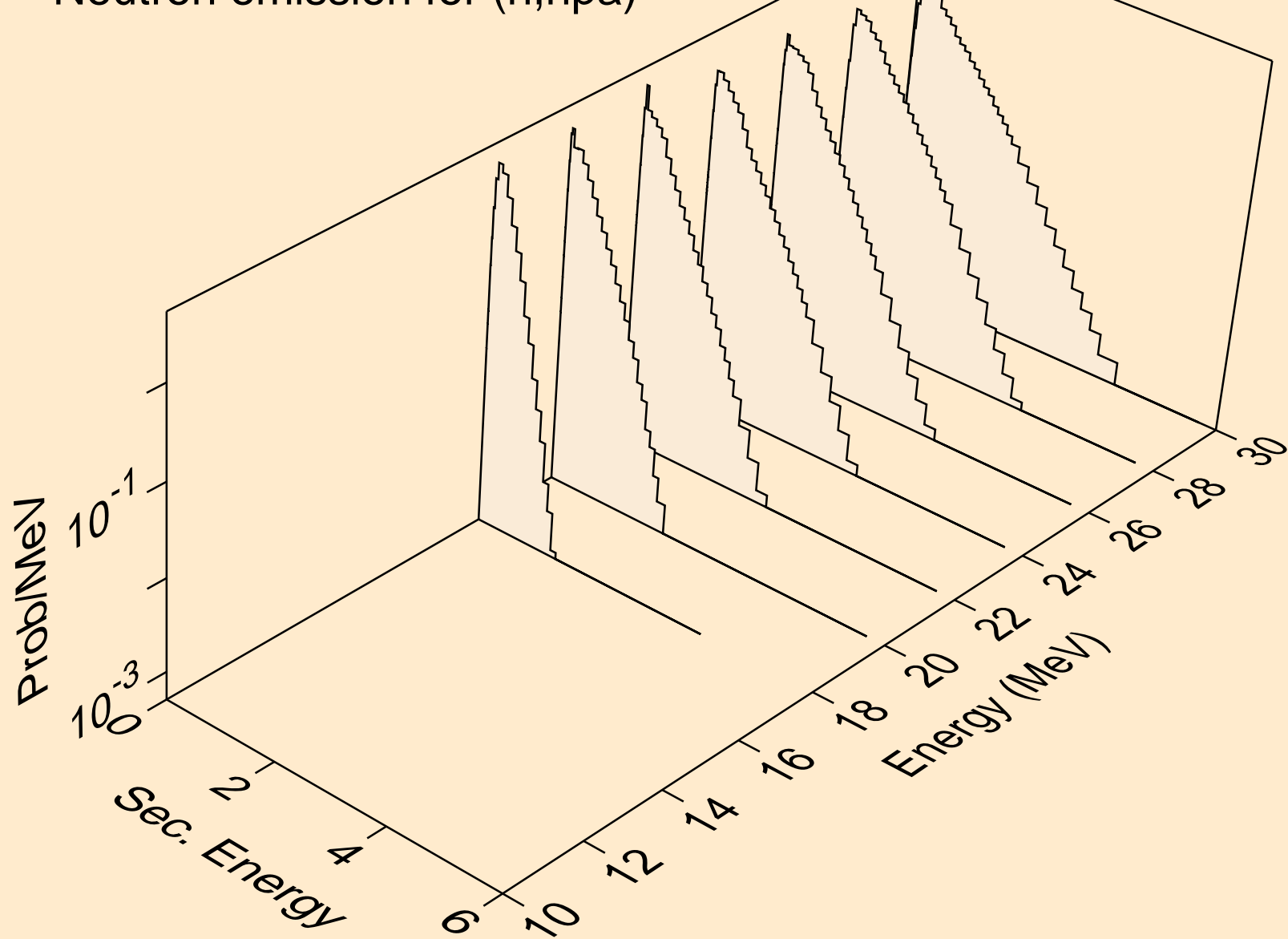
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

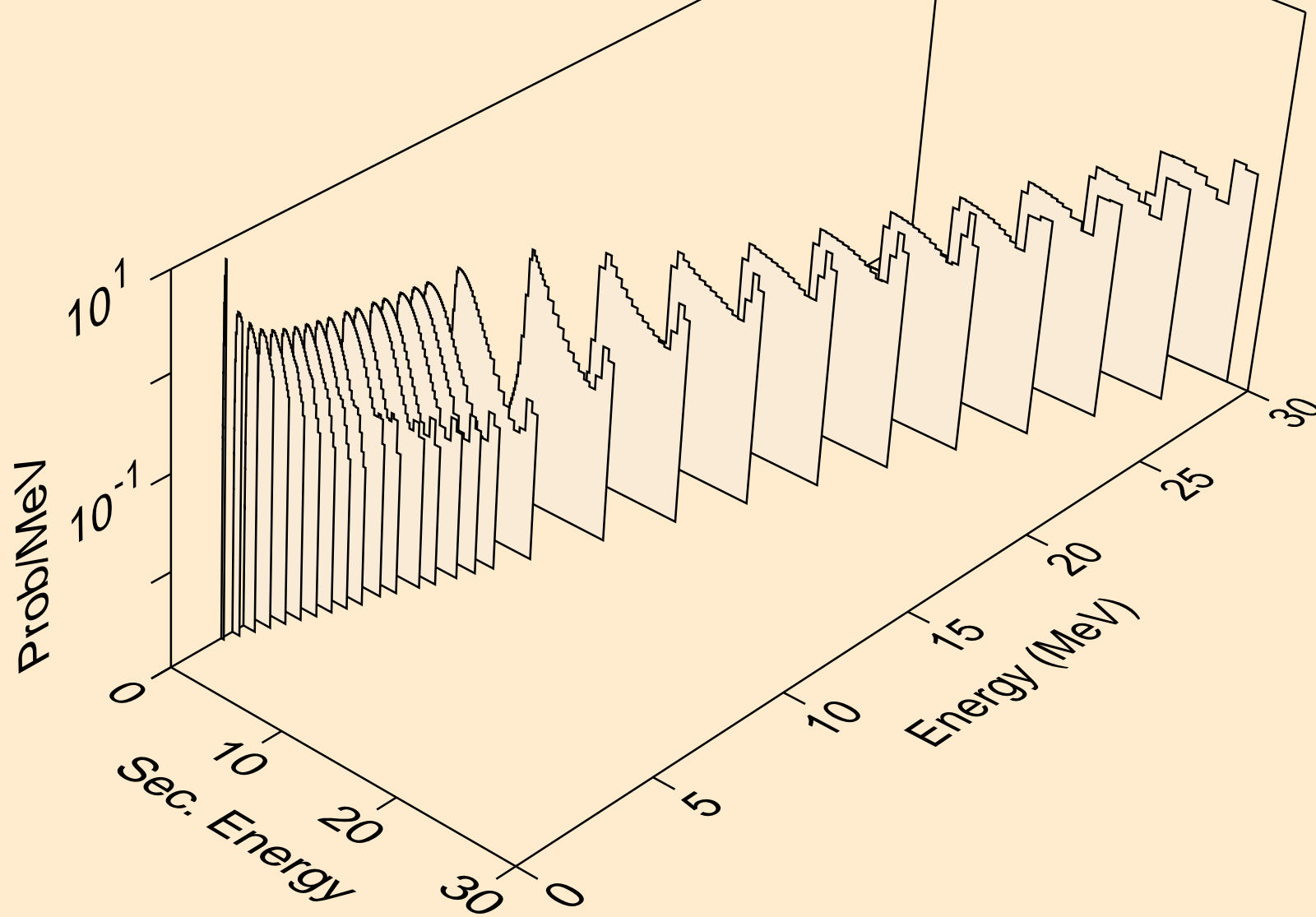


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

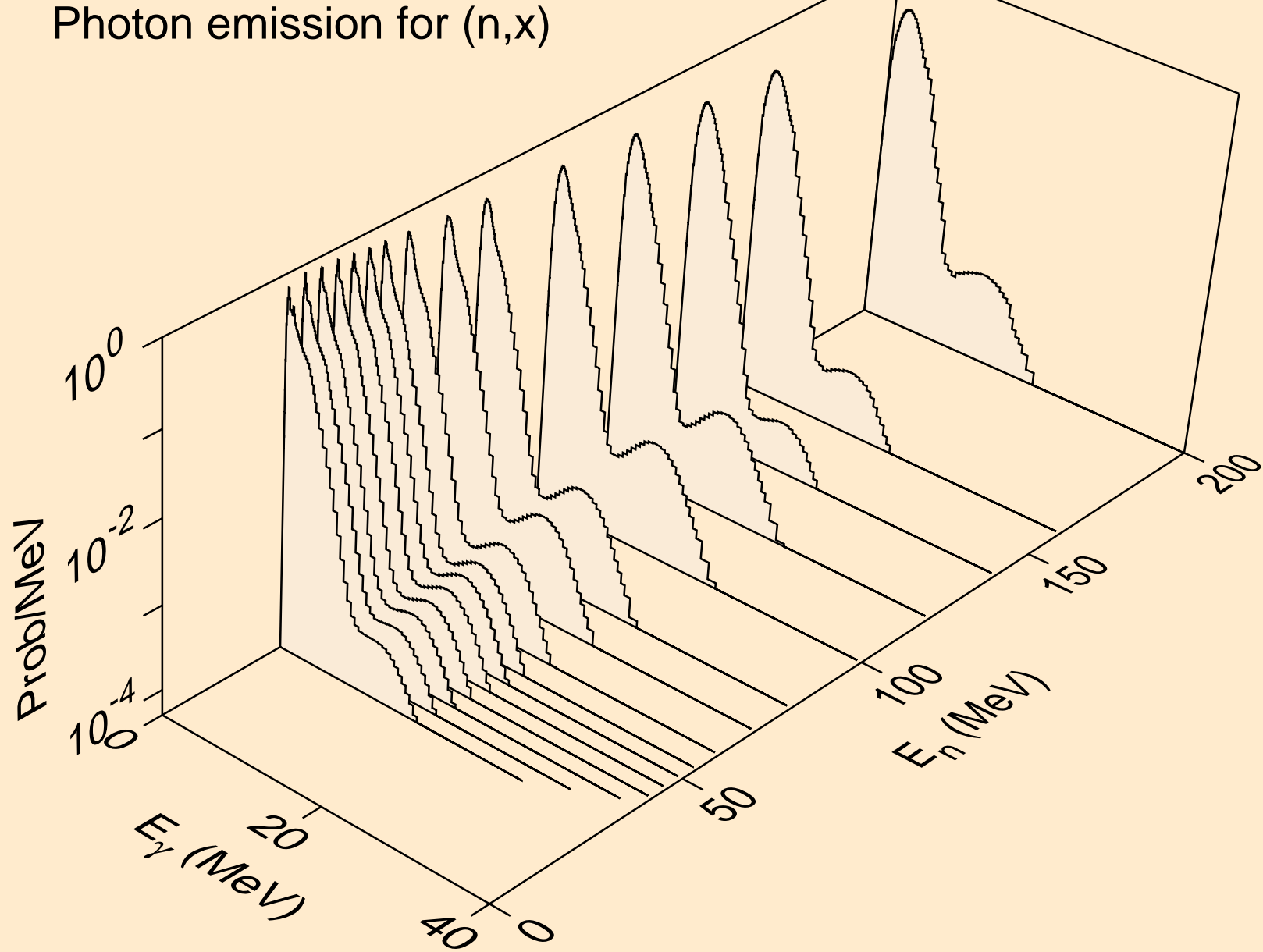




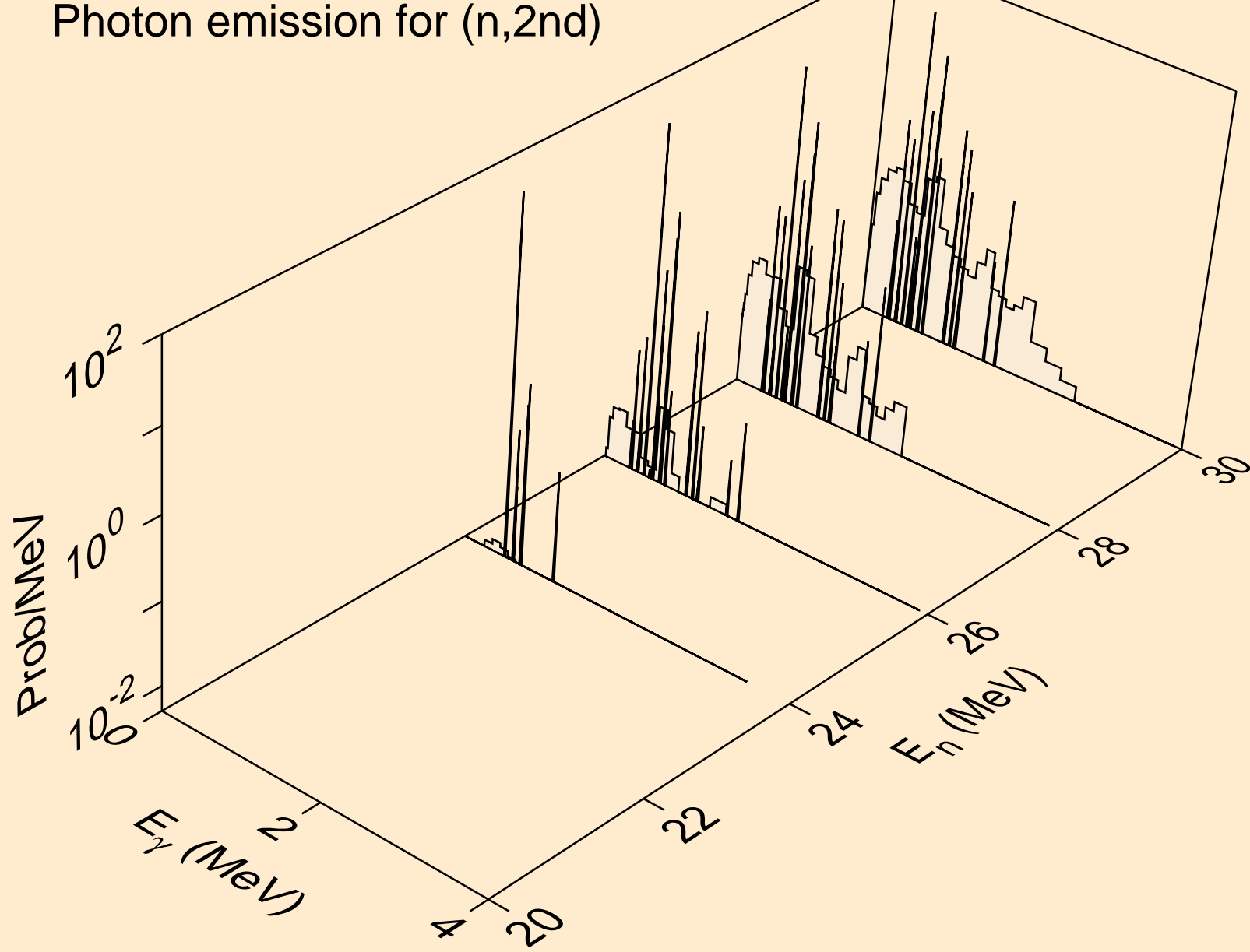
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



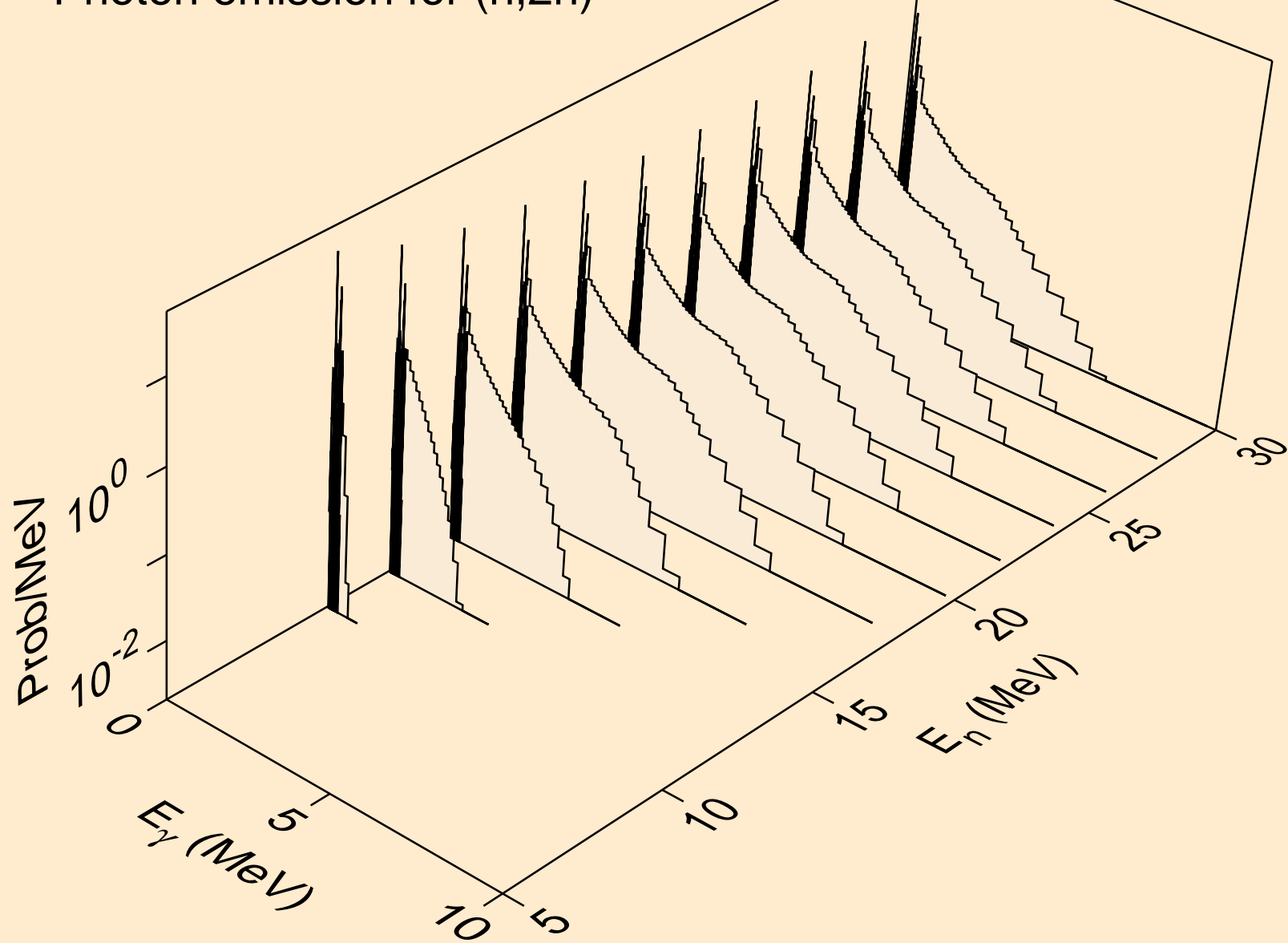
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



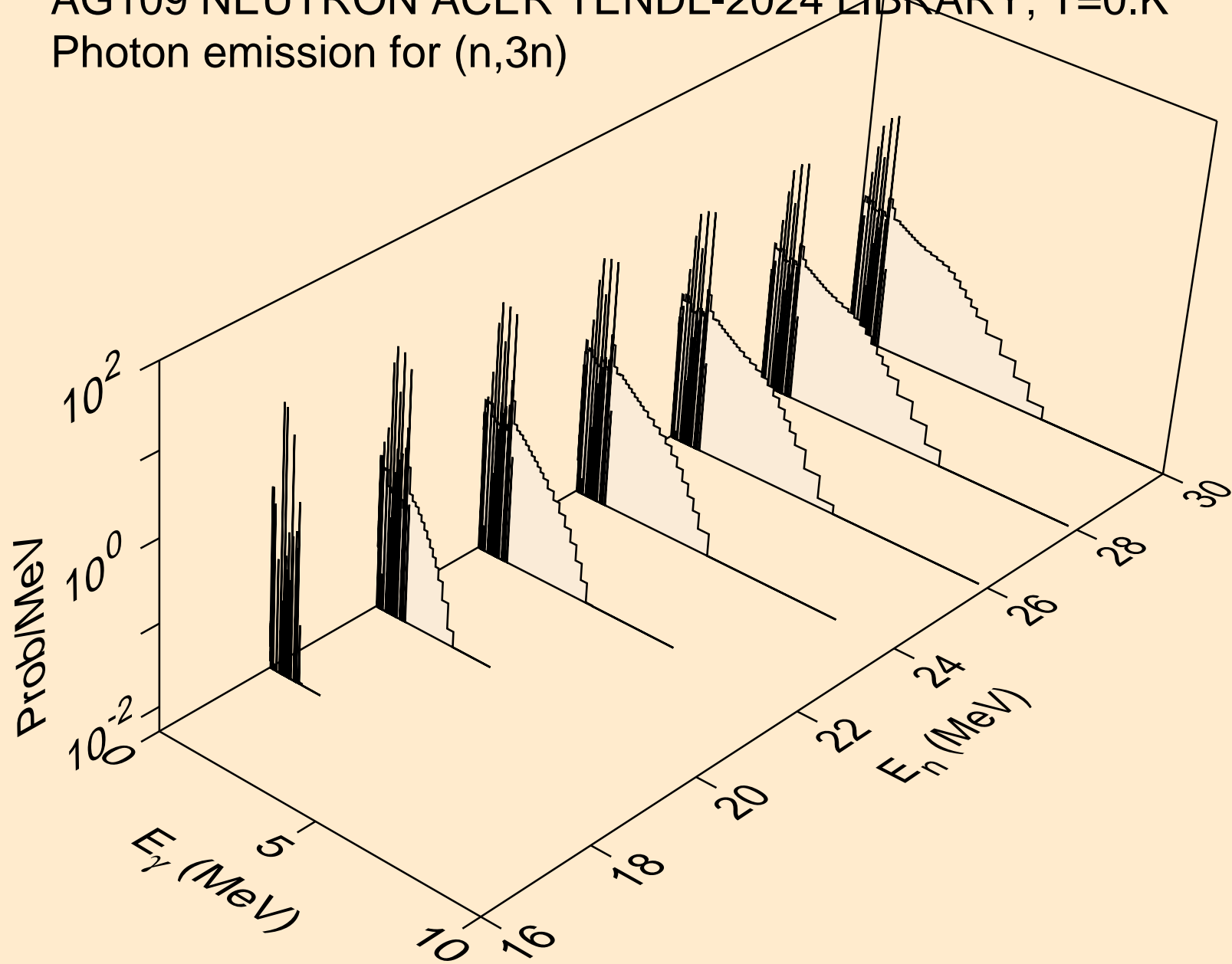
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Photon emission for (n,2nd)



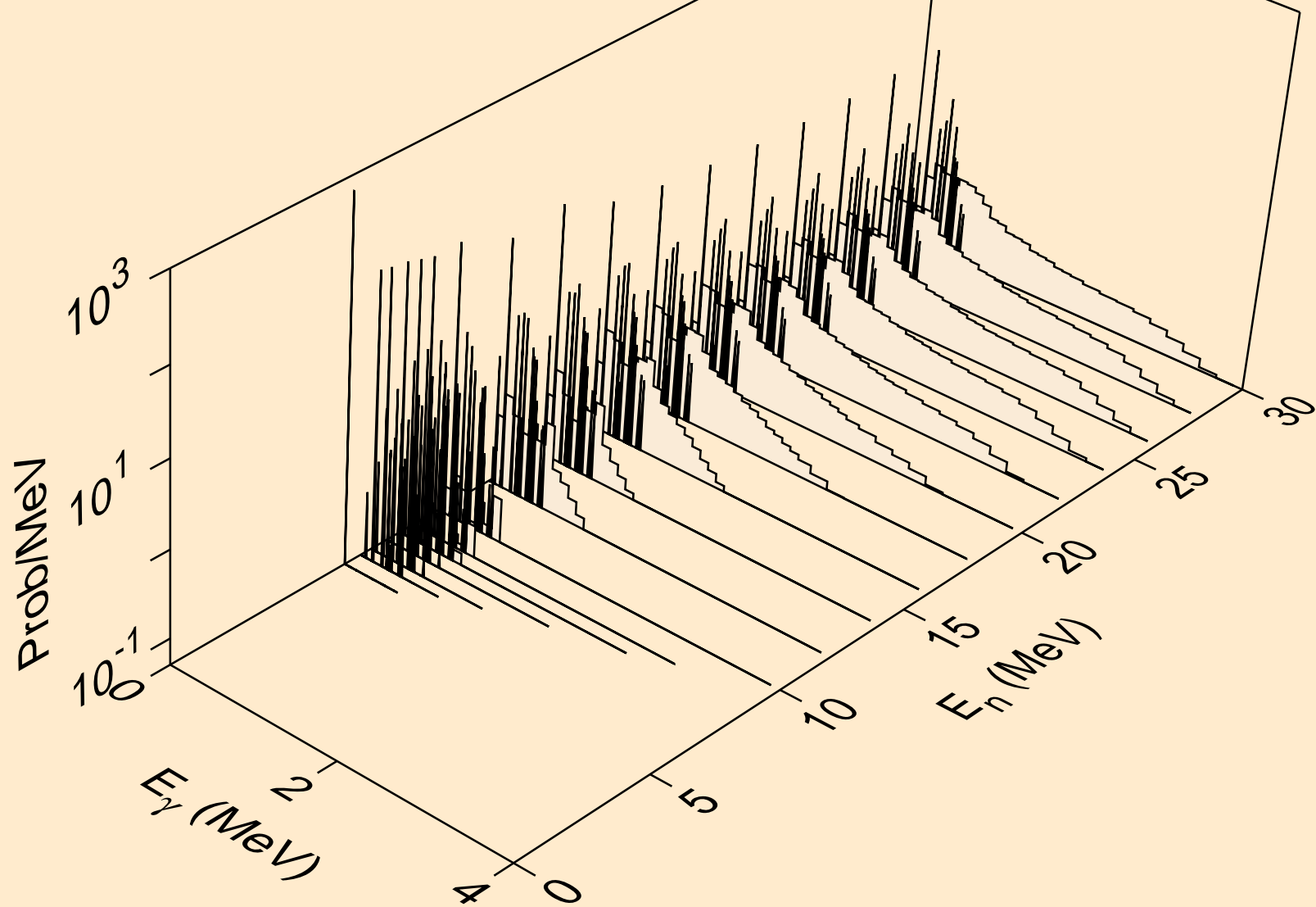
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Photon emission for (n,2n)



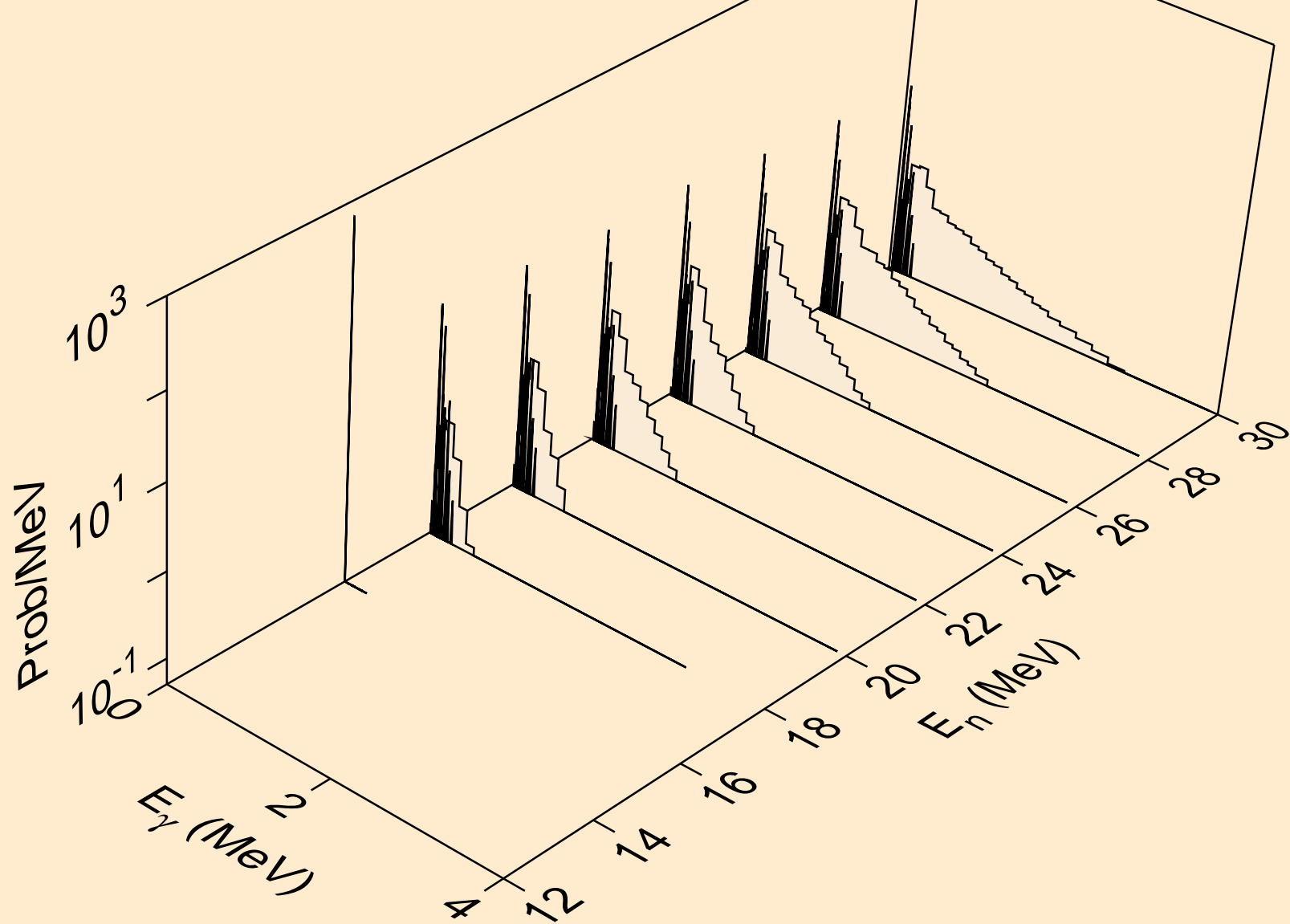
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Photon emission for (n,3n)



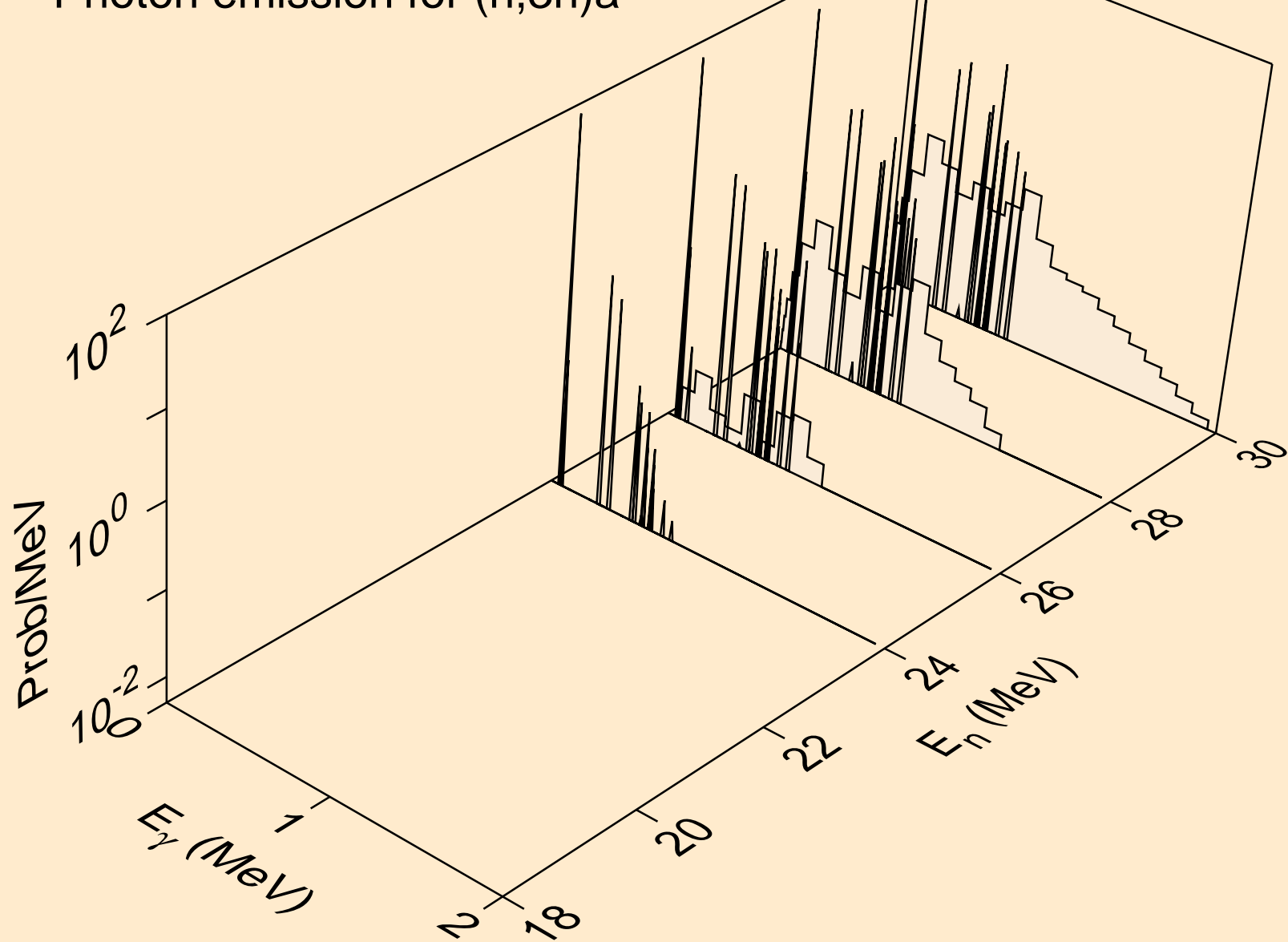
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

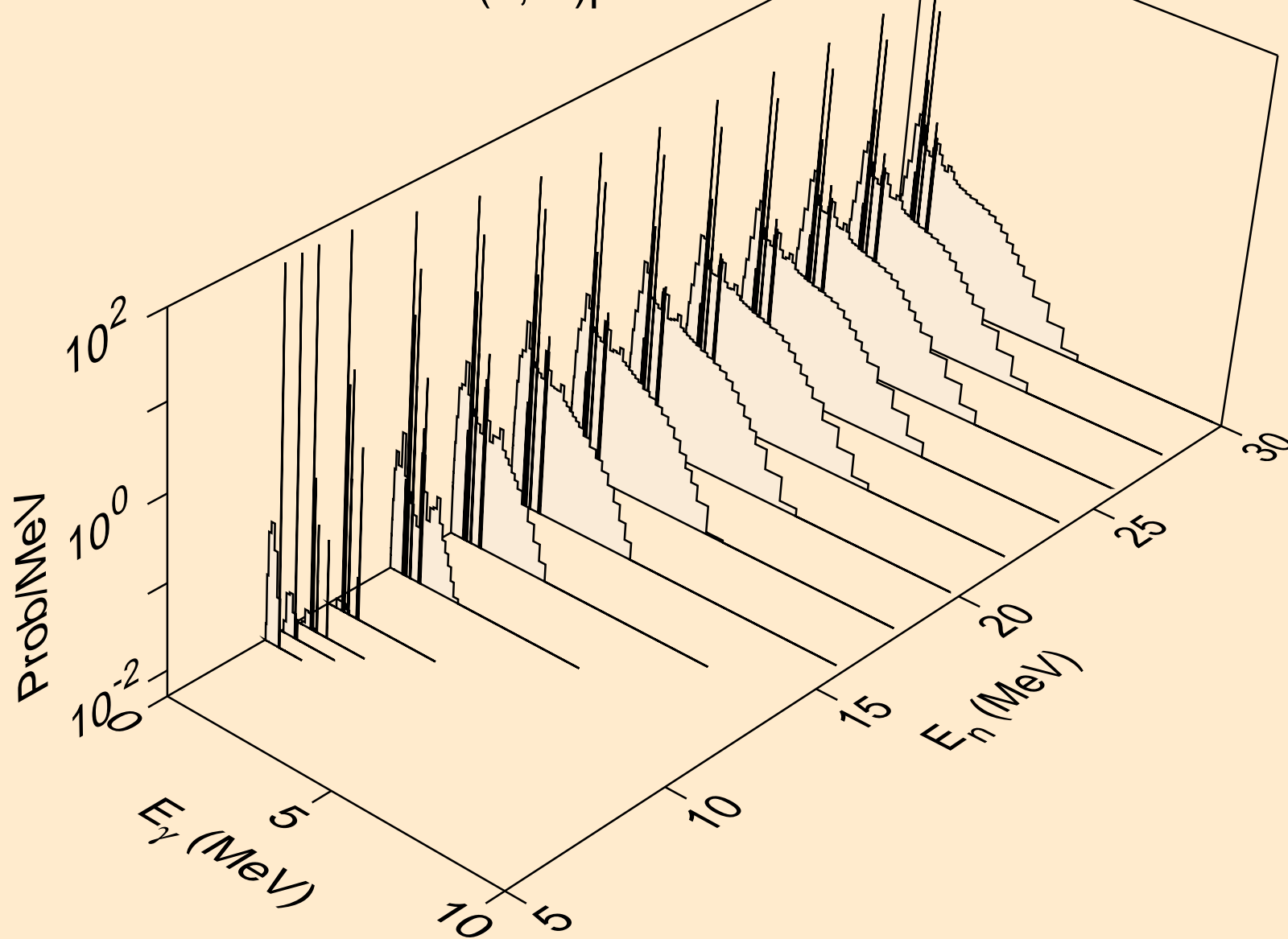


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Photon emission for (n,3n)a

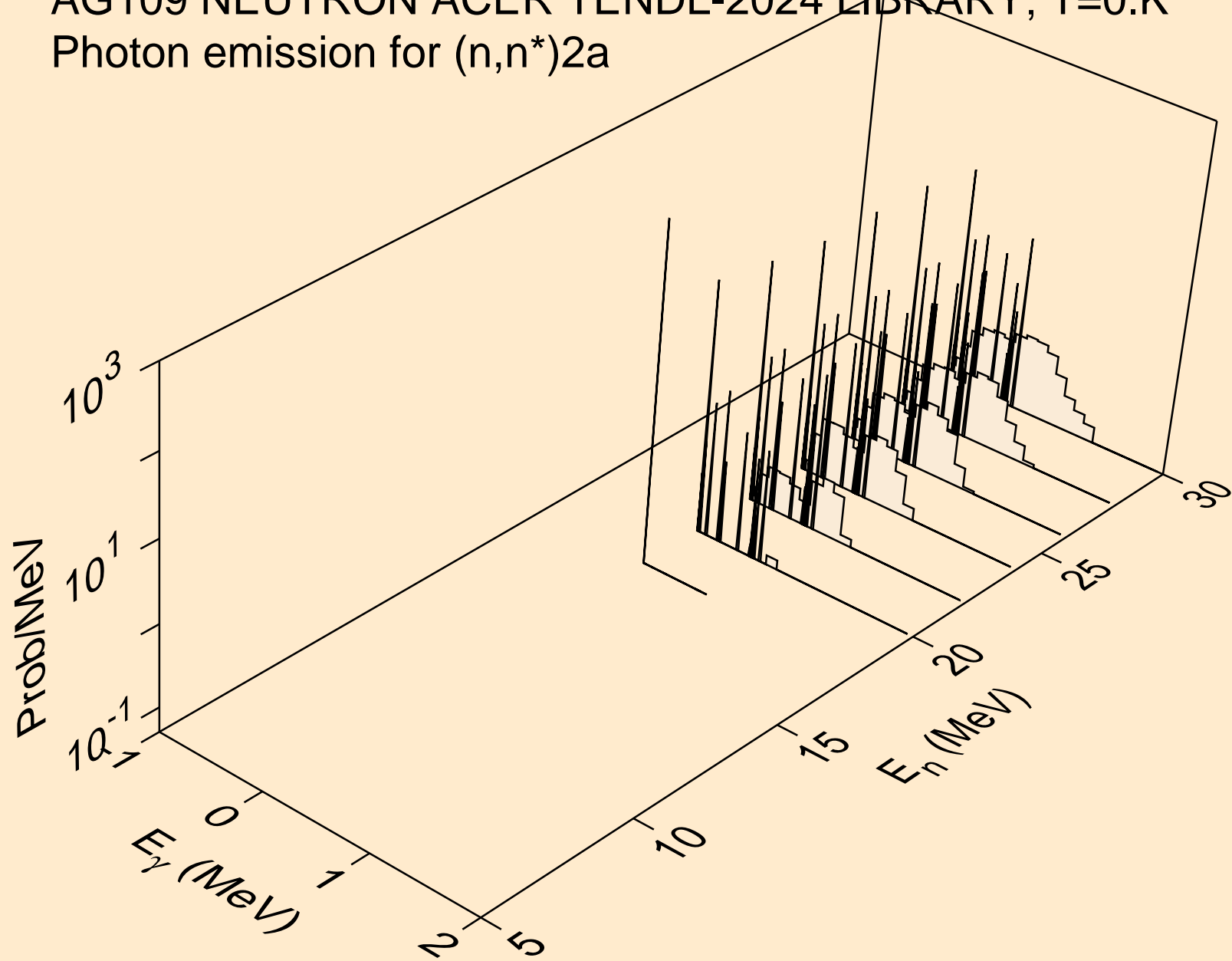




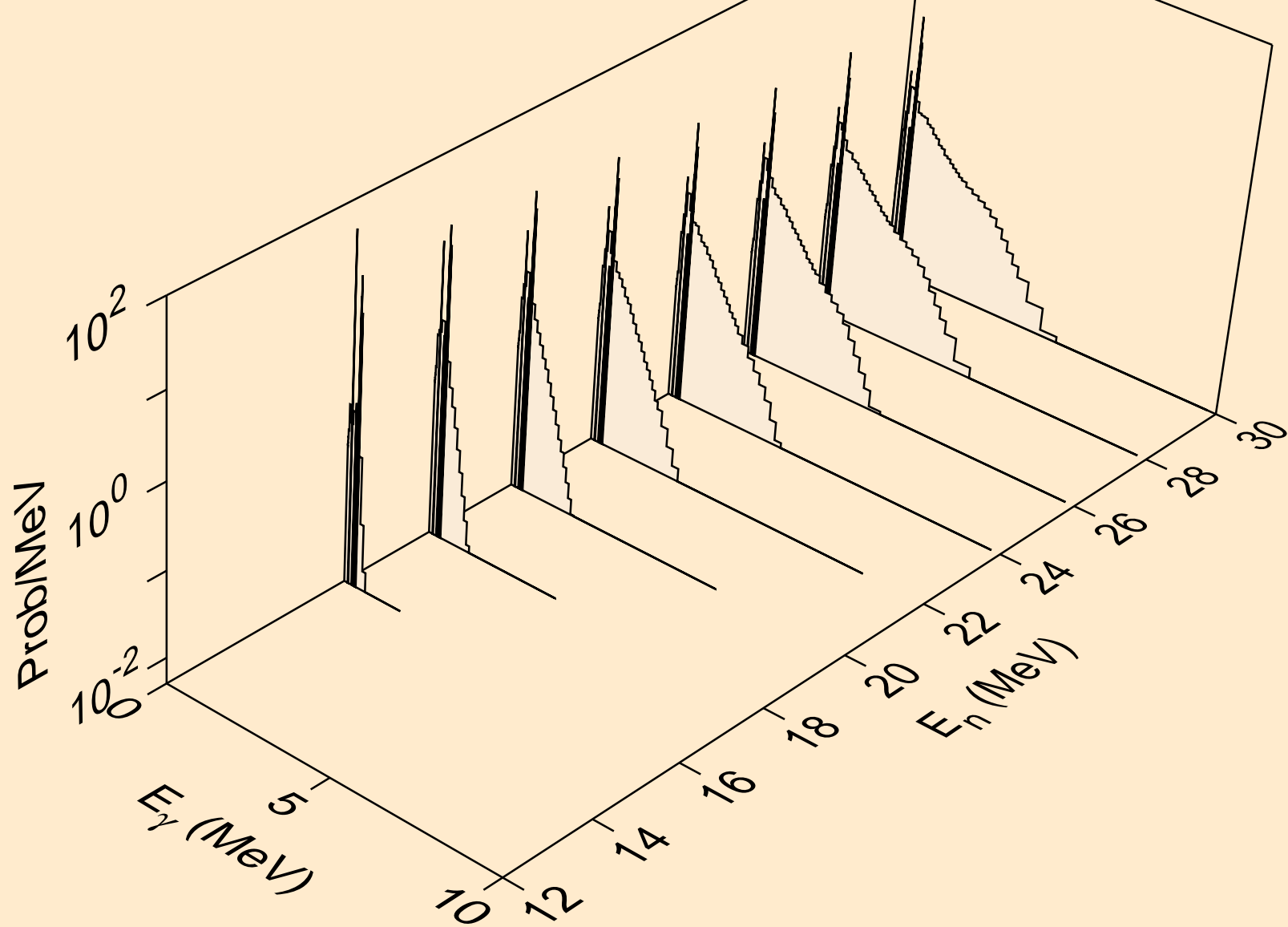
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Photon emission for (n,n\*)p



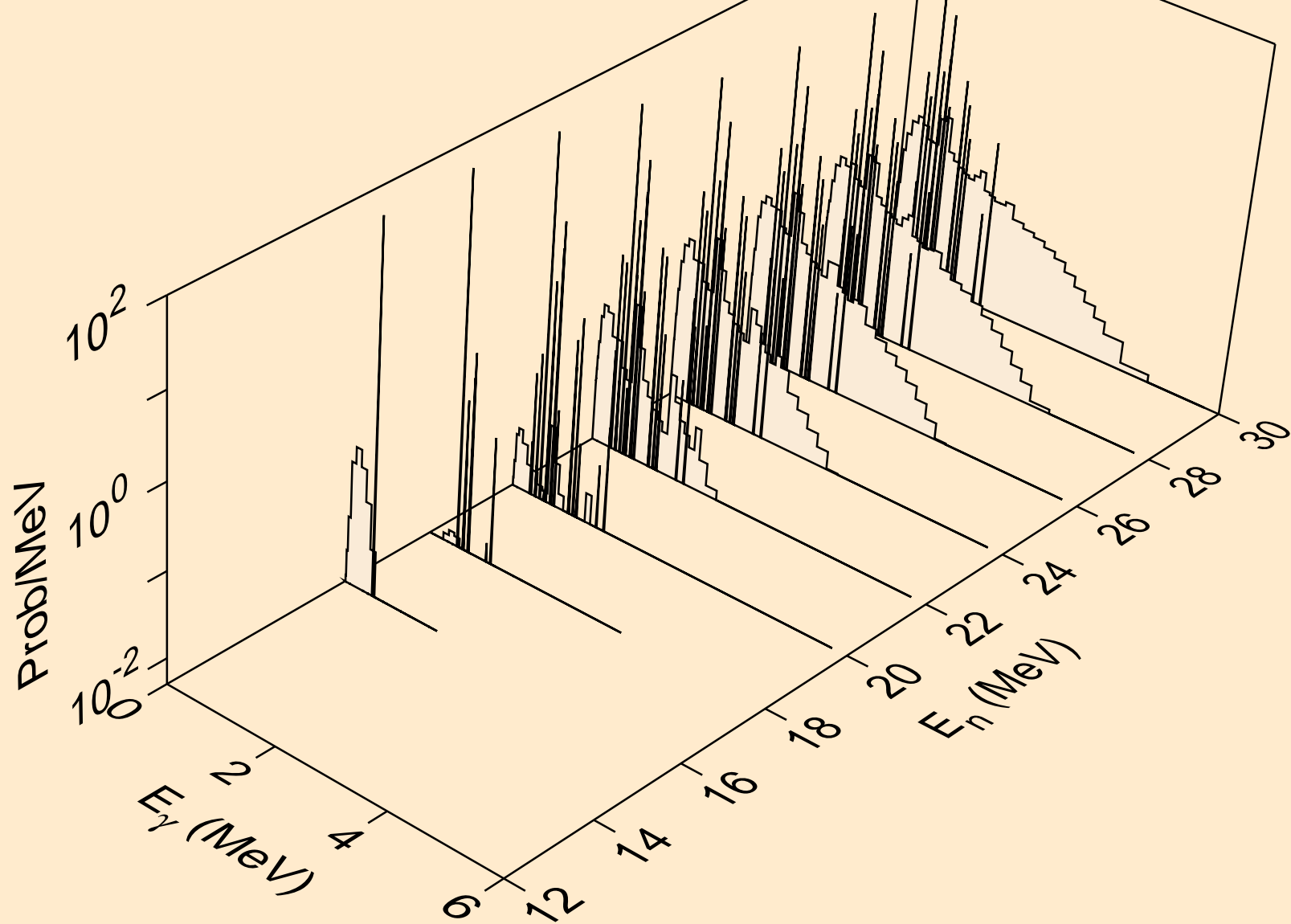
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Photon emission for (n,n\*)2a



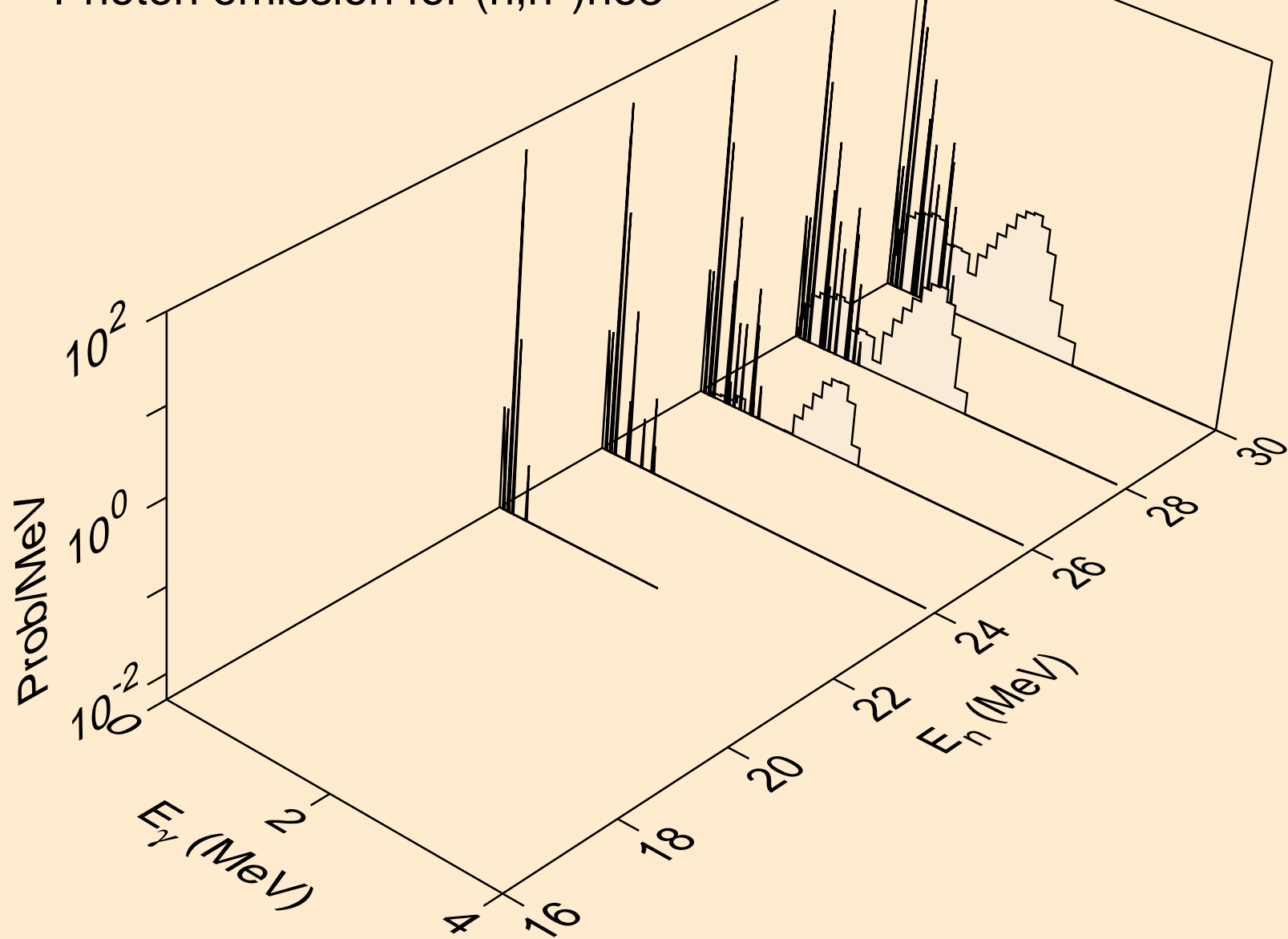
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Photon emission for (n,n\*)d



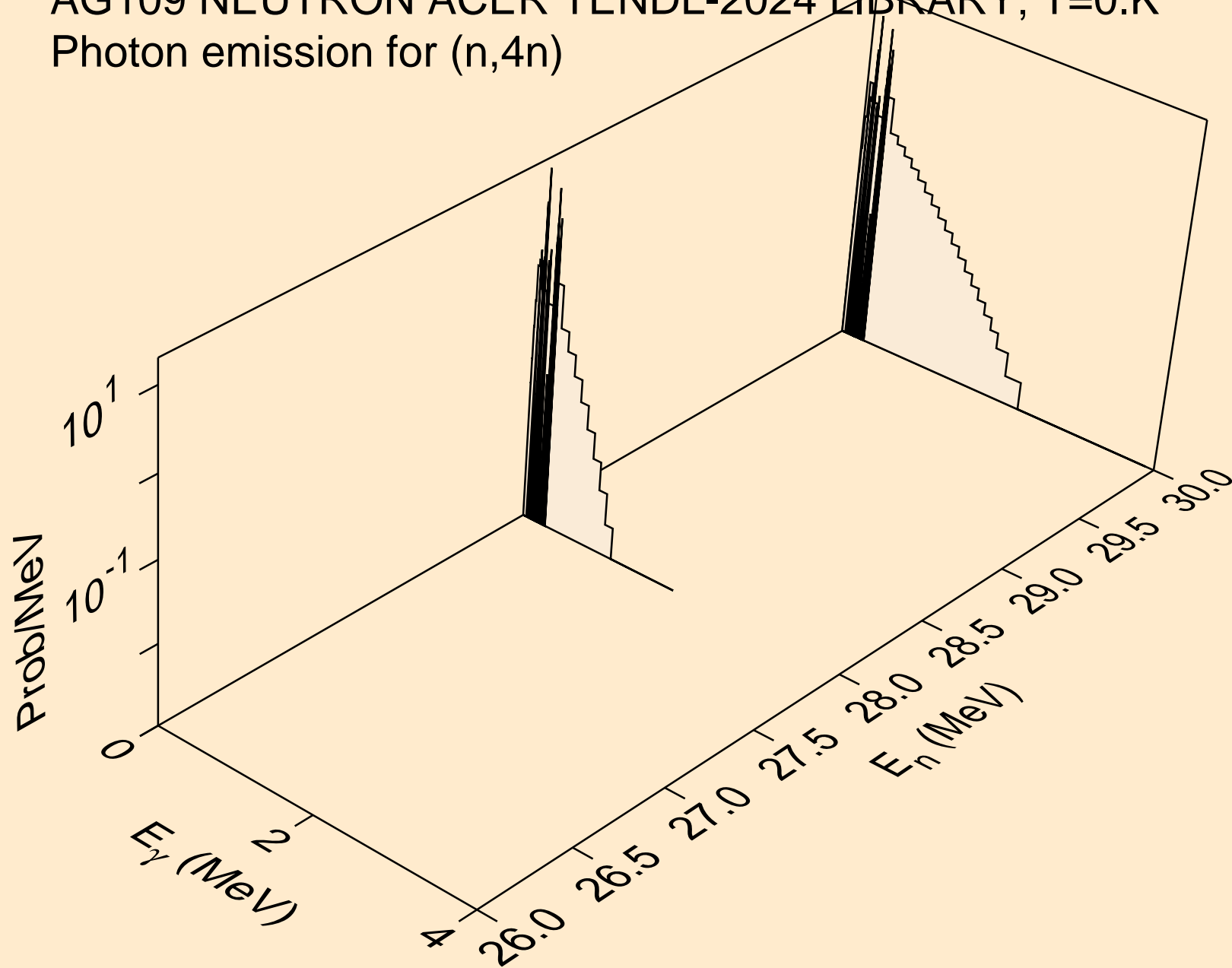
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



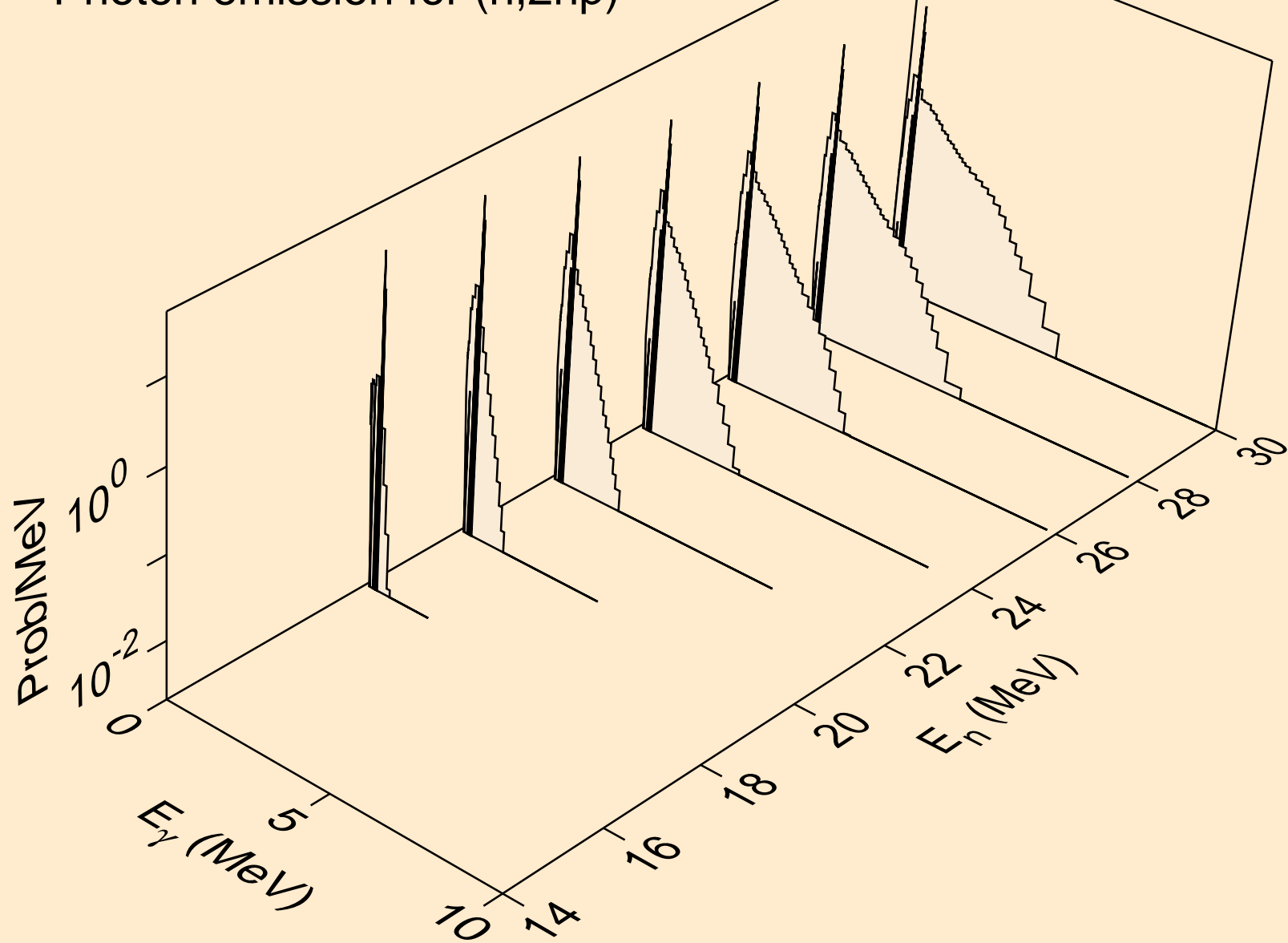
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



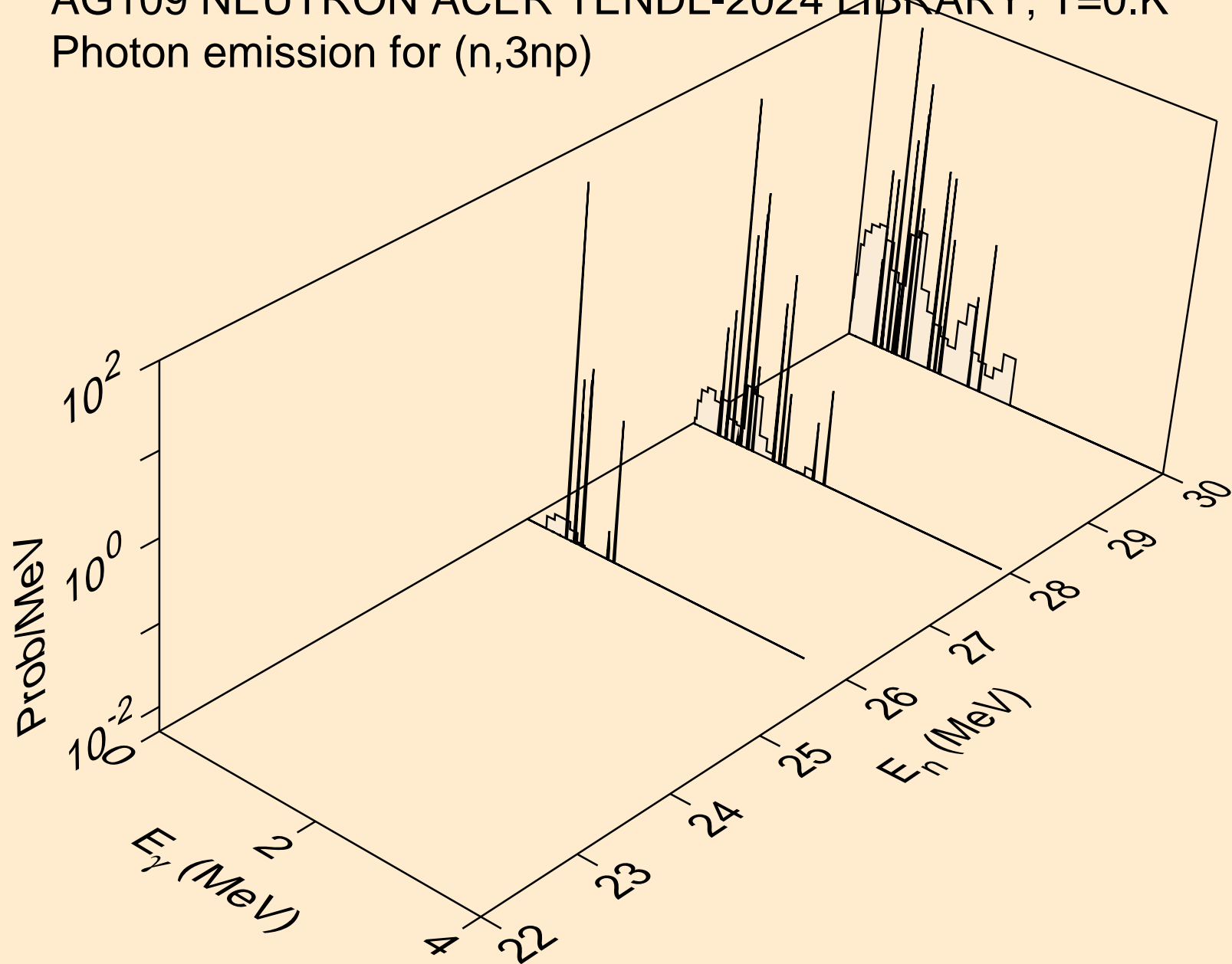
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

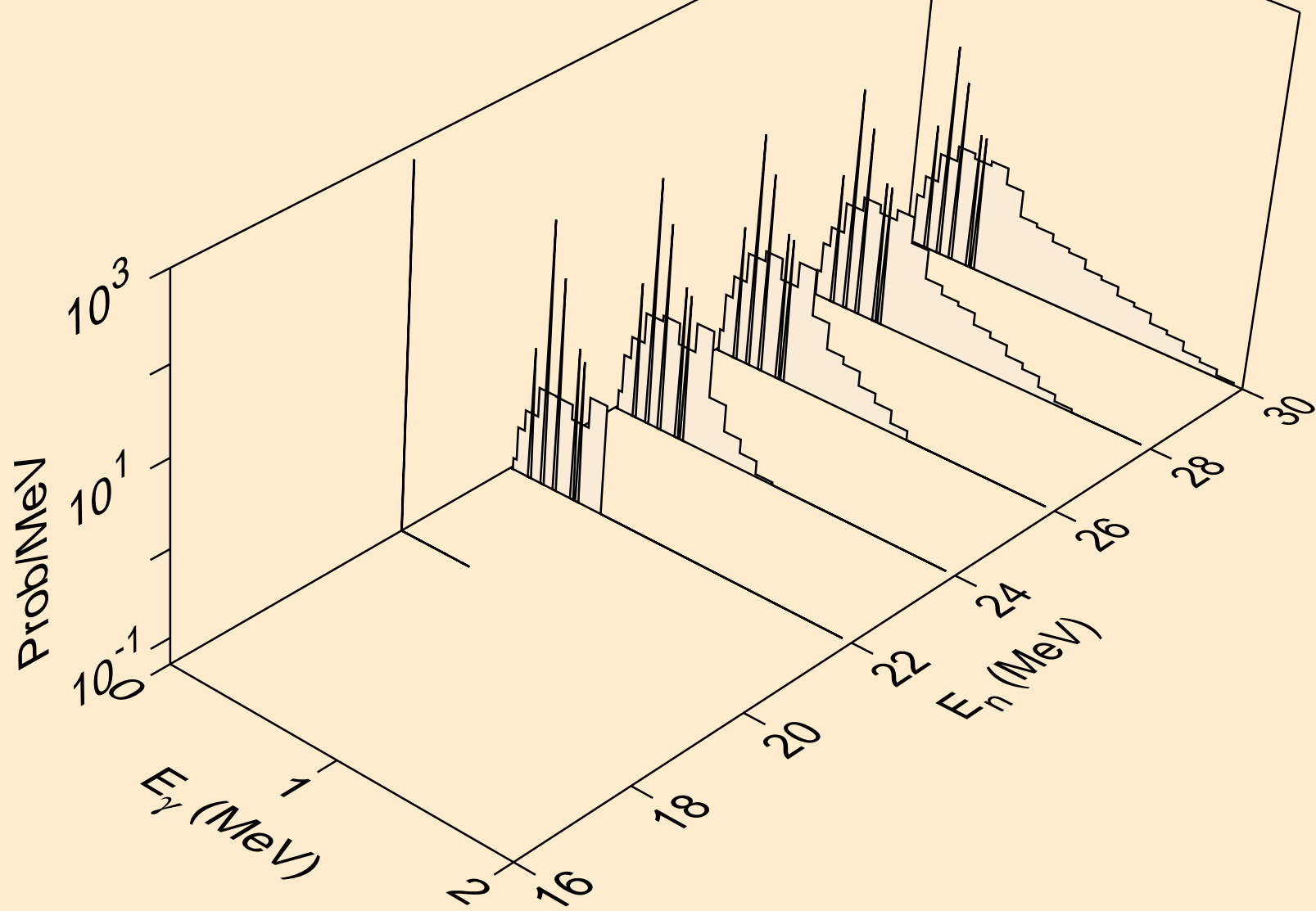


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Photon emission for (n,3np)

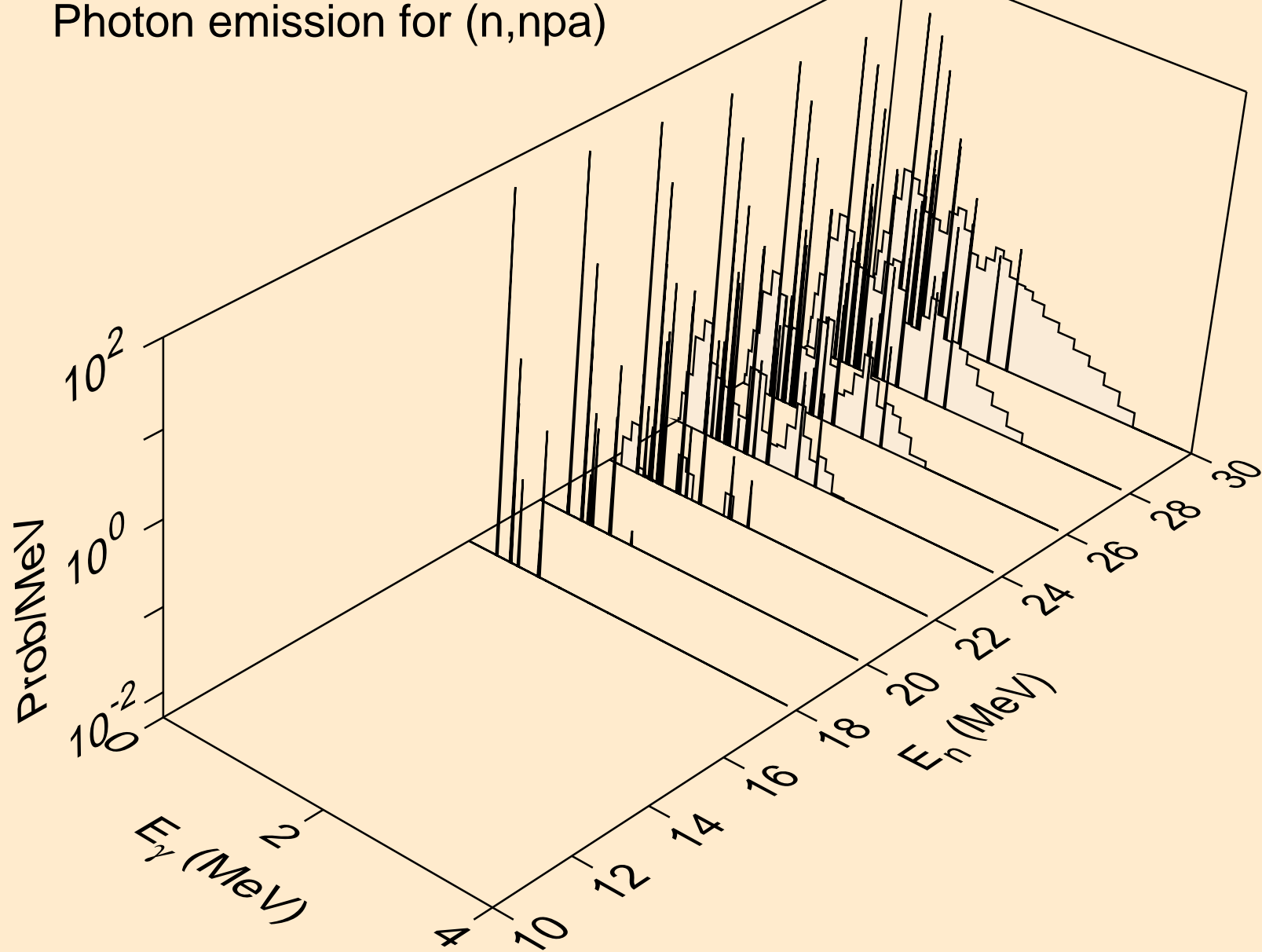




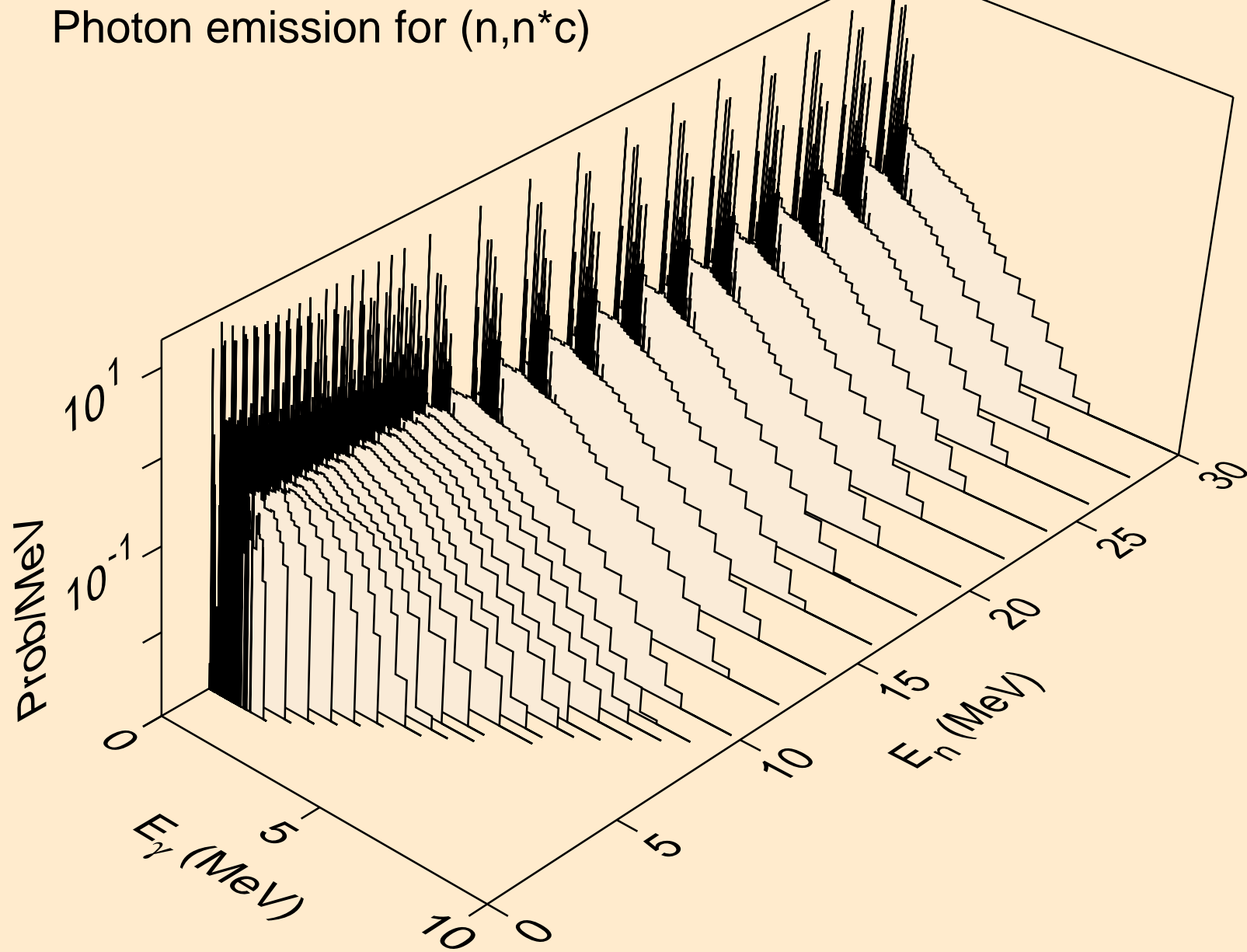
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Photon emission for (n,n2p)



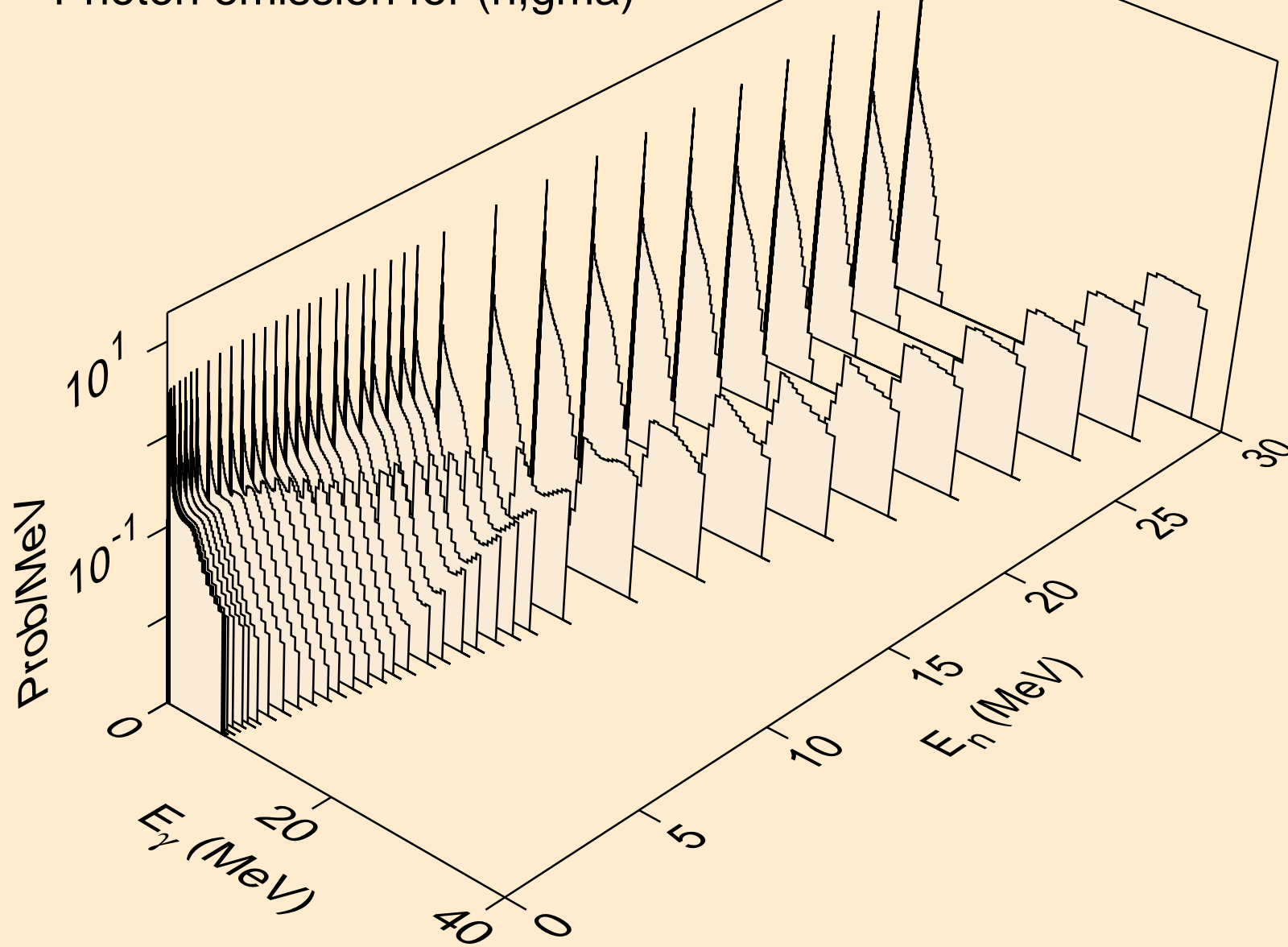
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Photon emission for (n,npa)



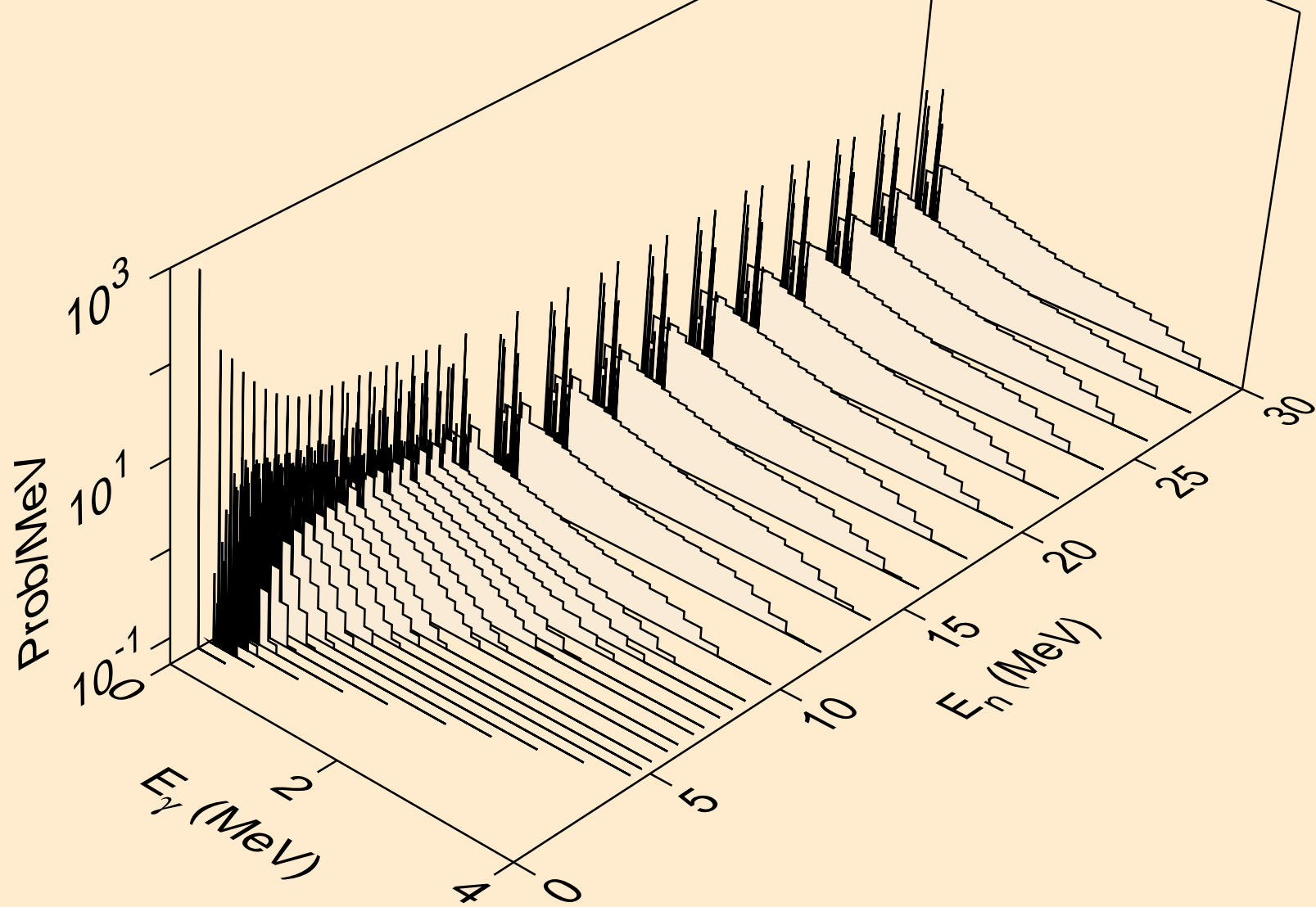
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Photon emission for (n,n\*c)



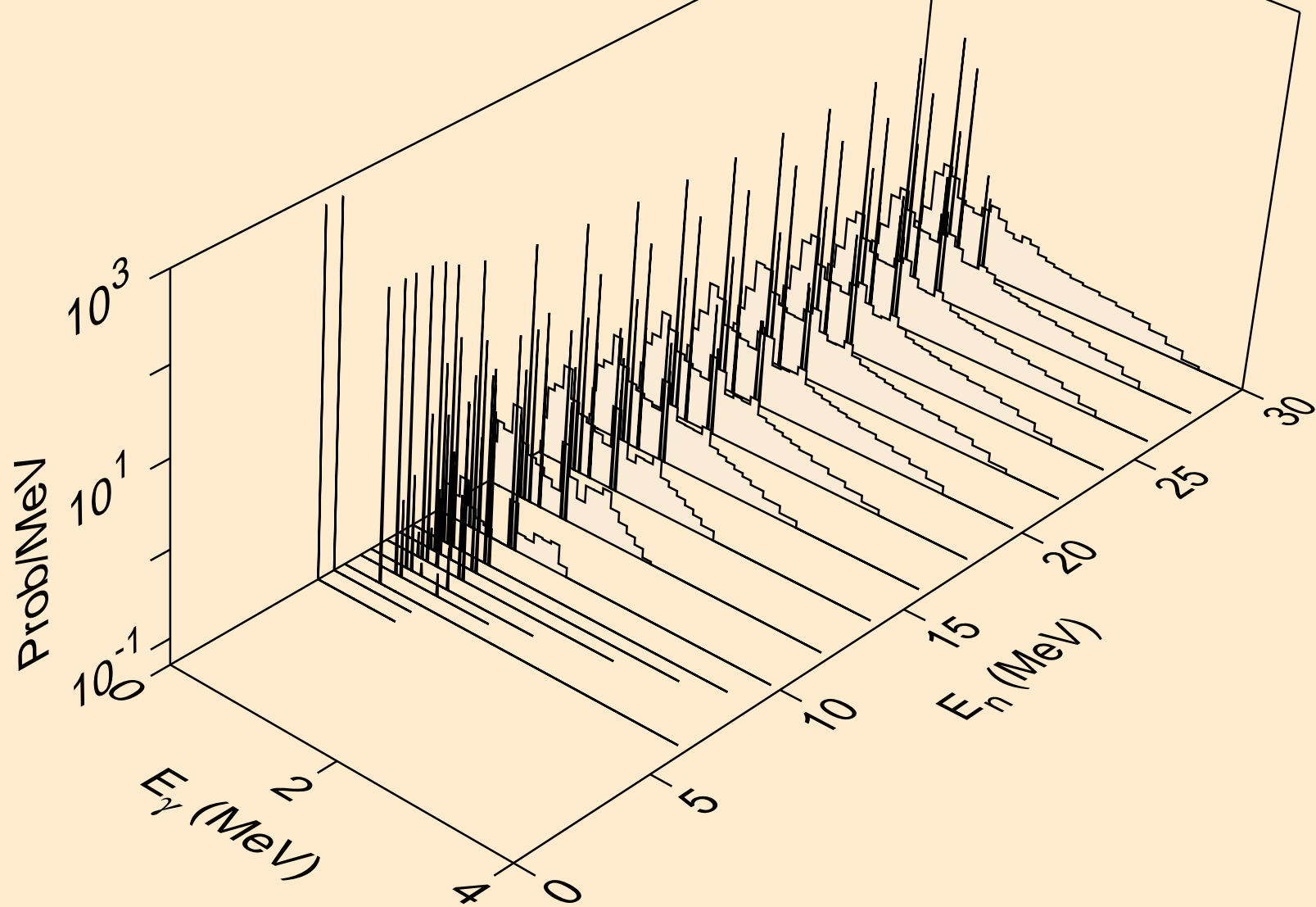
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Photon emission for (n,gma)



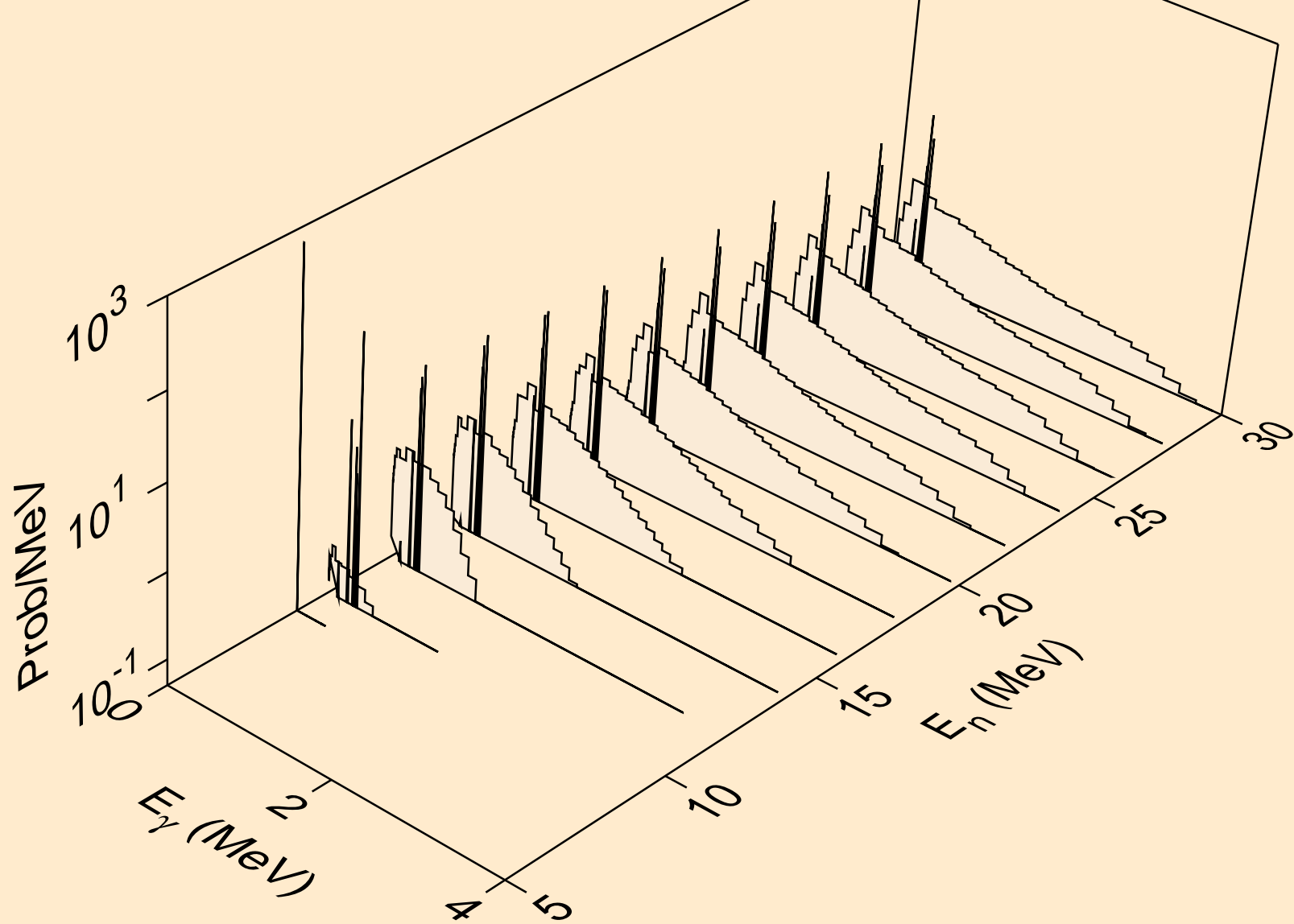
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Photon emission for (n,p)



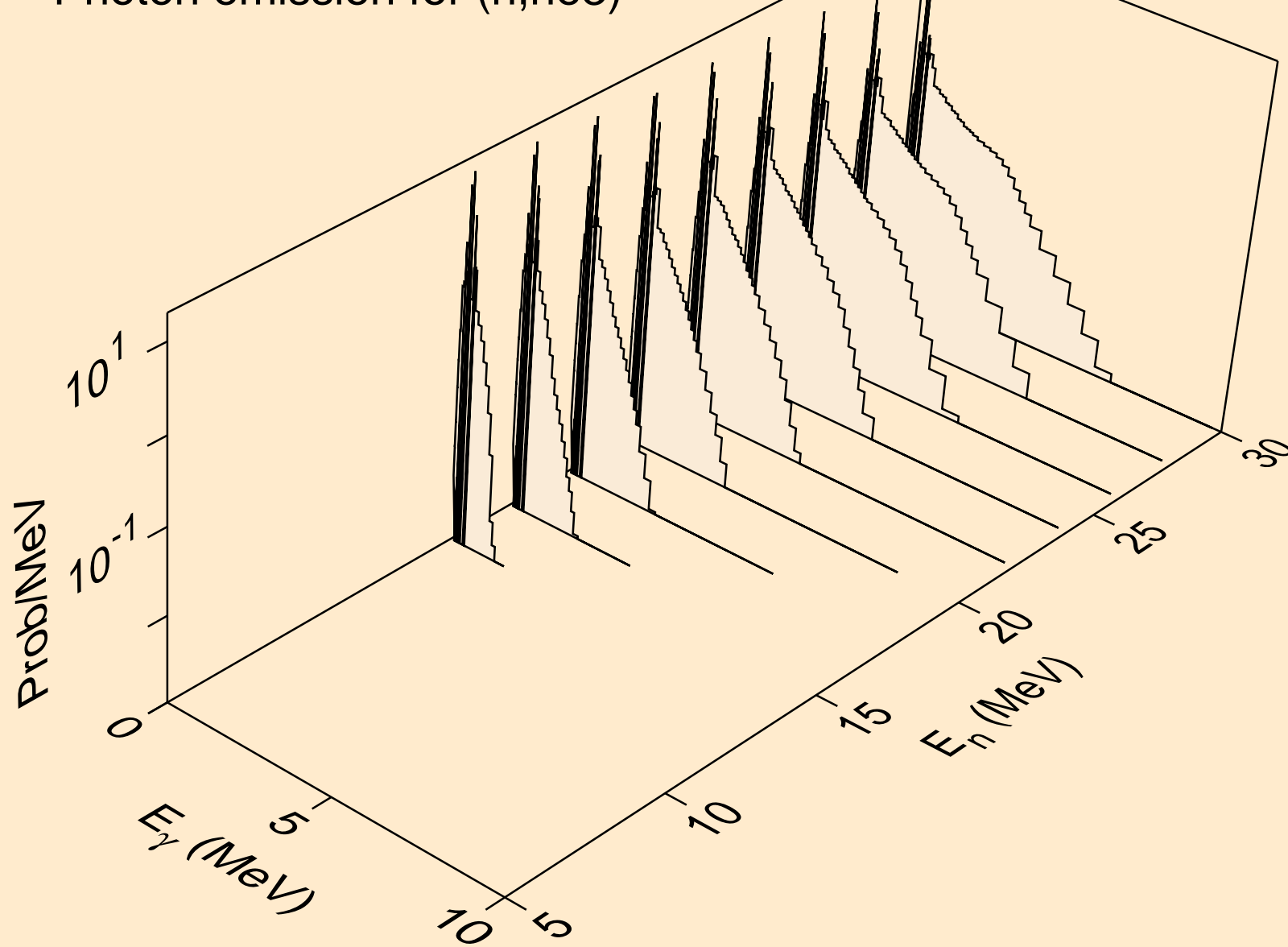
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

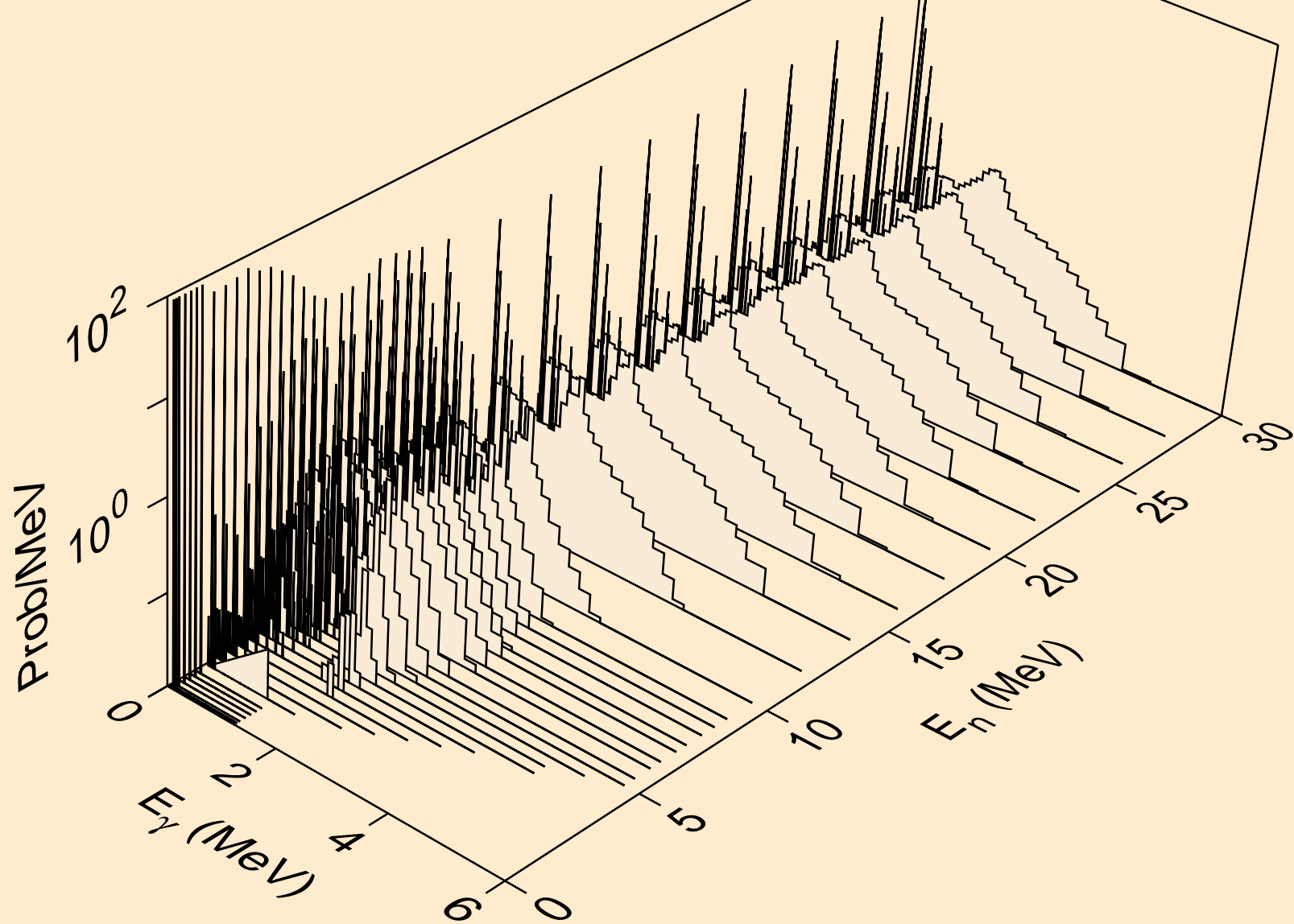


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Photon emission for (n,he3)

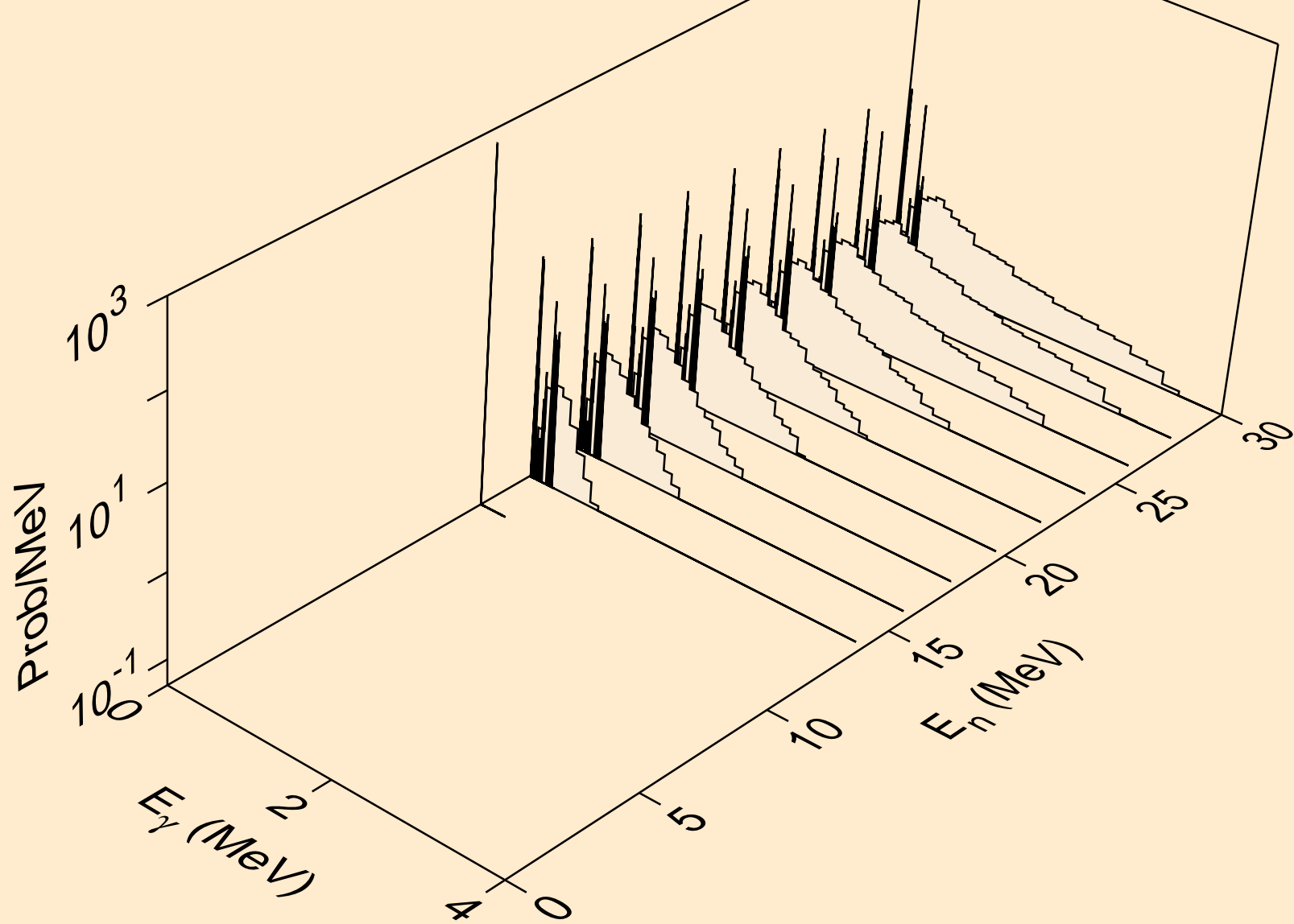




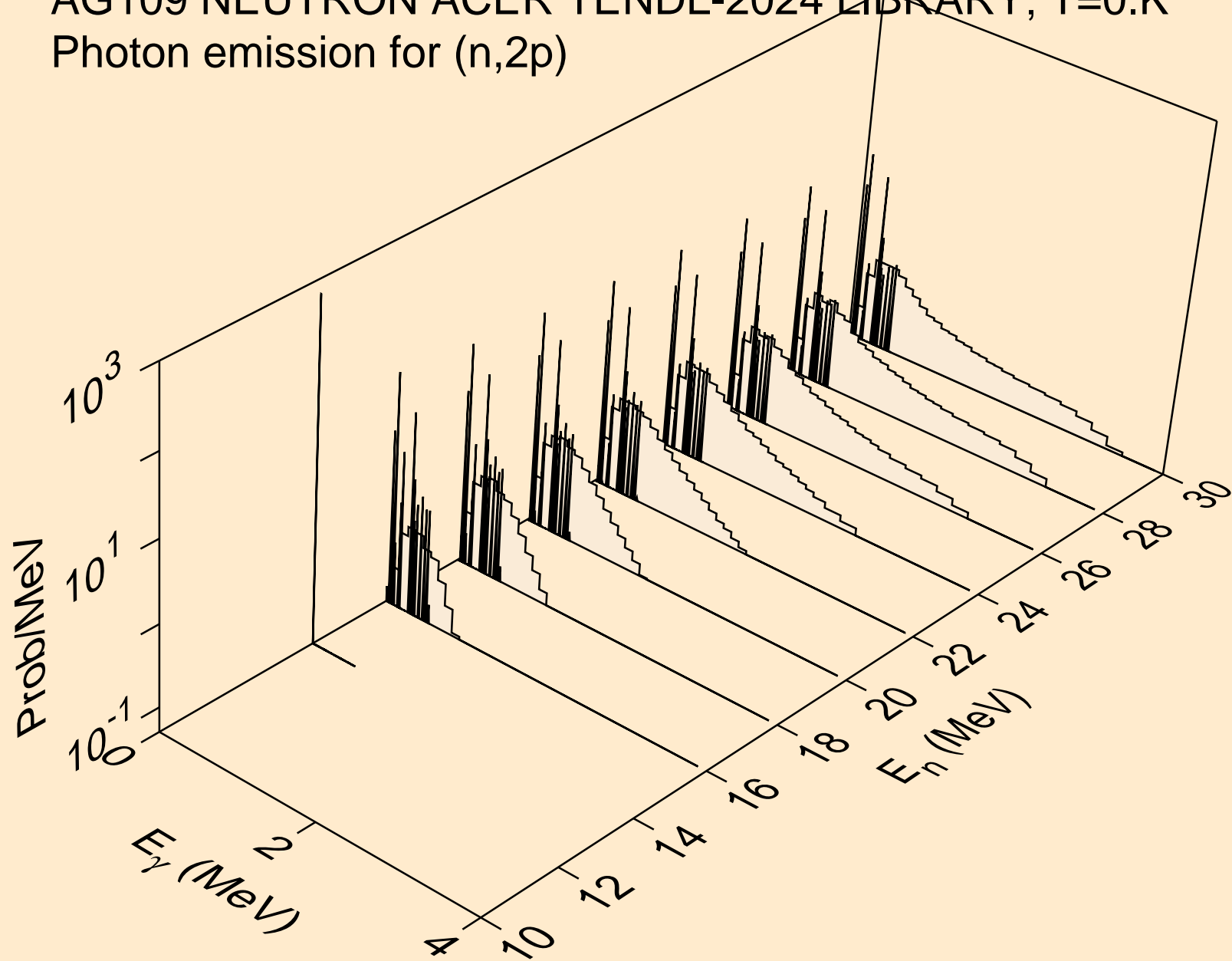
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Photon emission for (n,a)



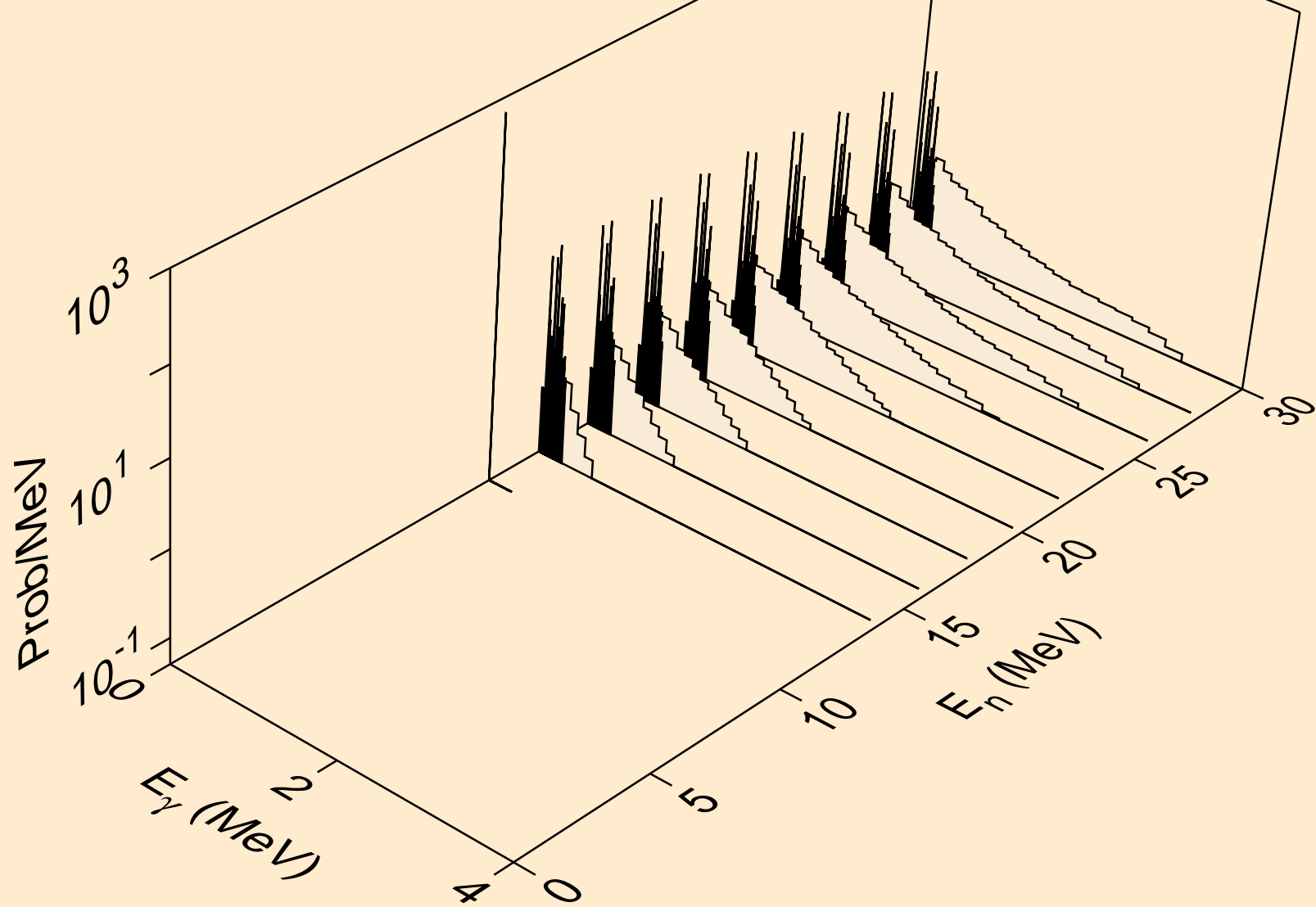
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Photon emission for (n,2a)



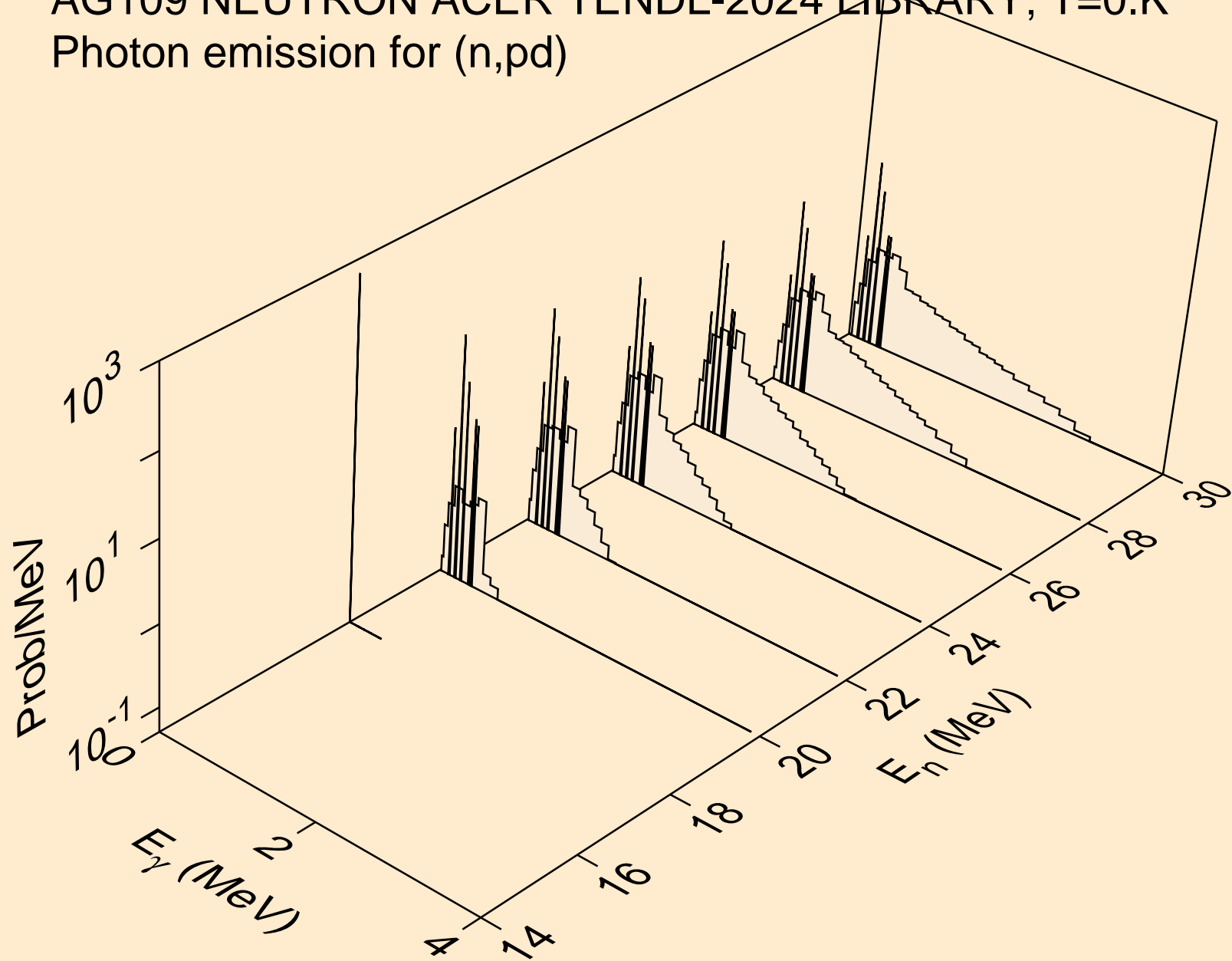
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Photon emission for (n,2p)



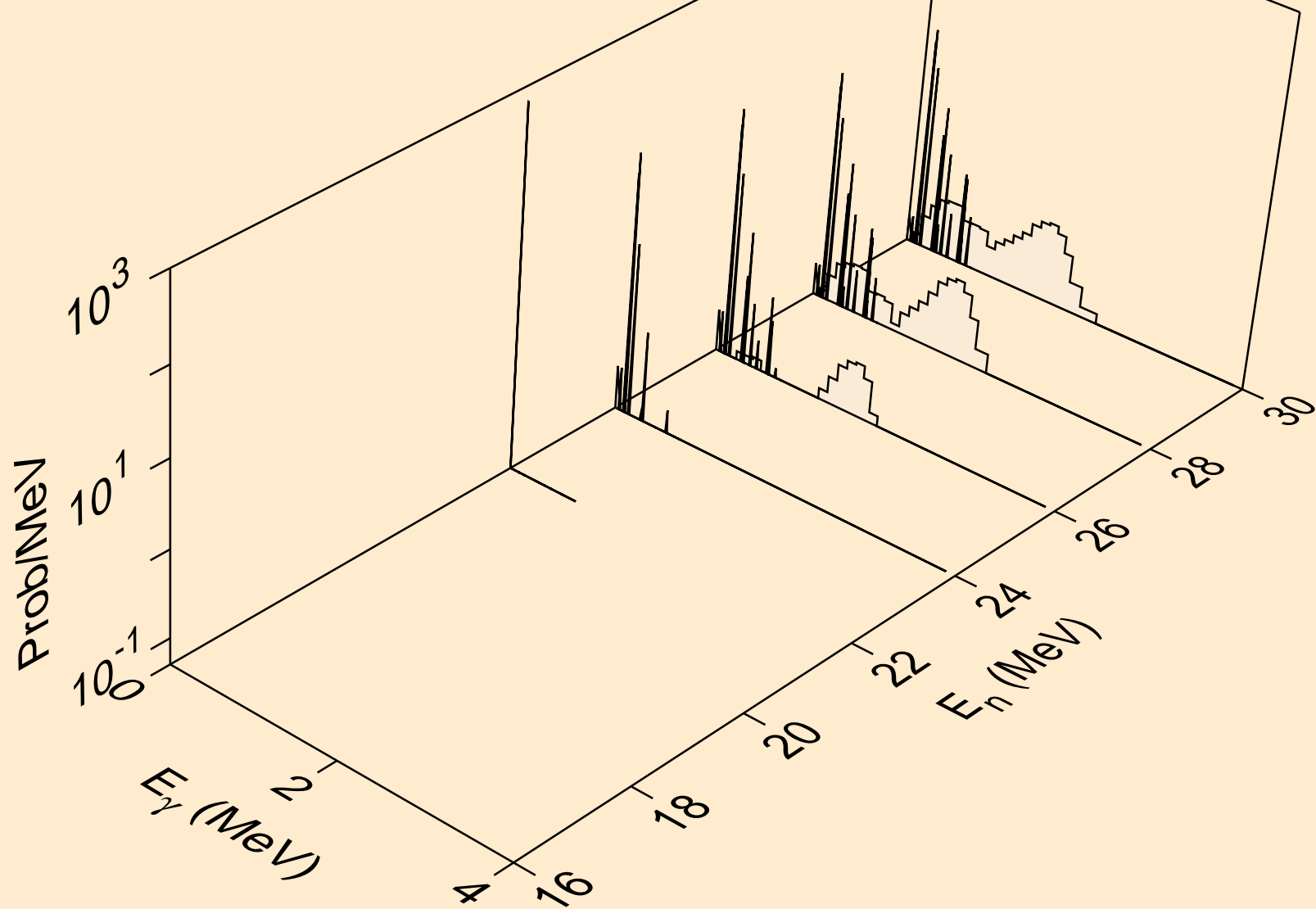
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Photon emission for (n,p $\alpha$ )



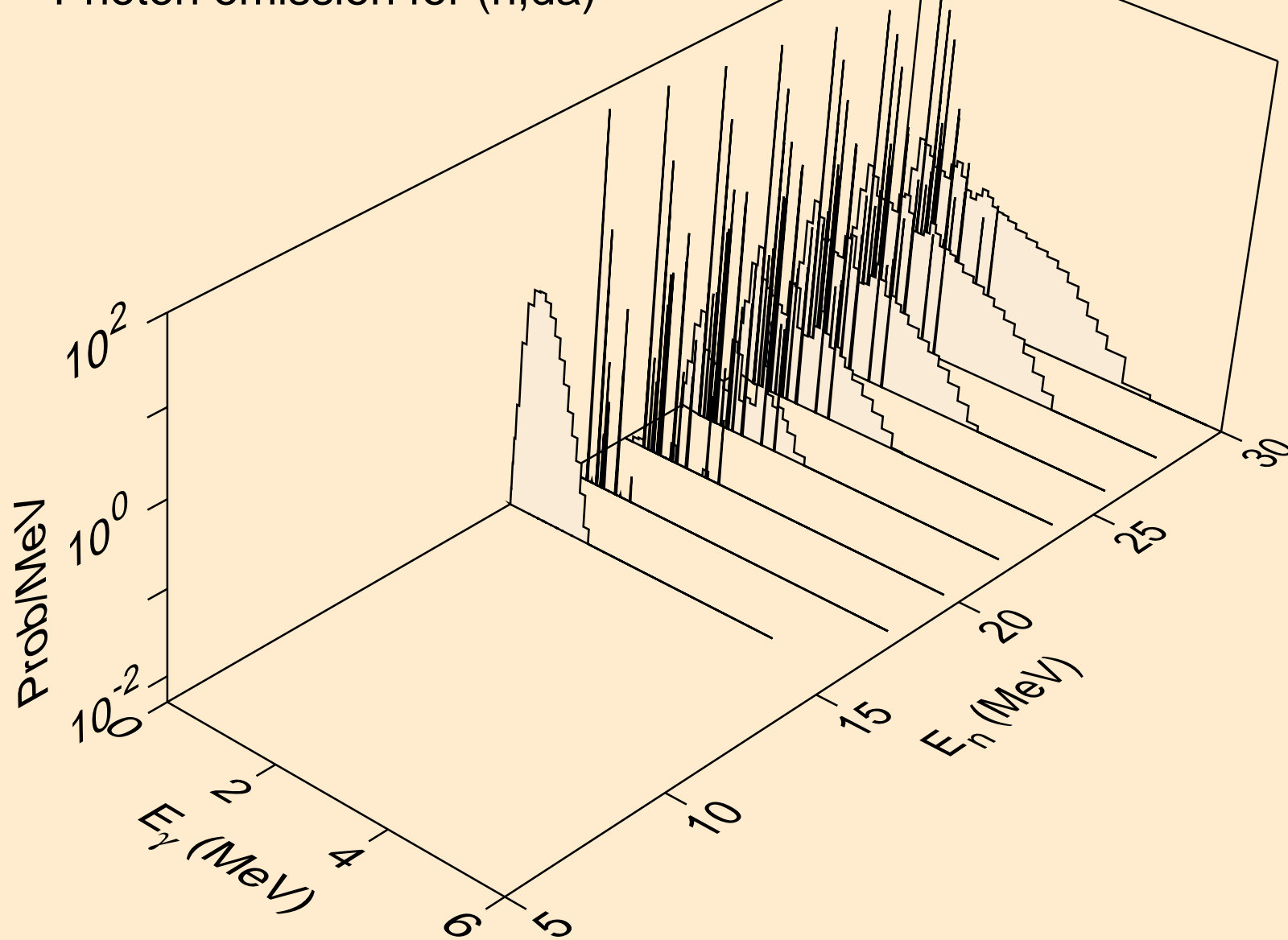
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Photon emission for (n,pd)



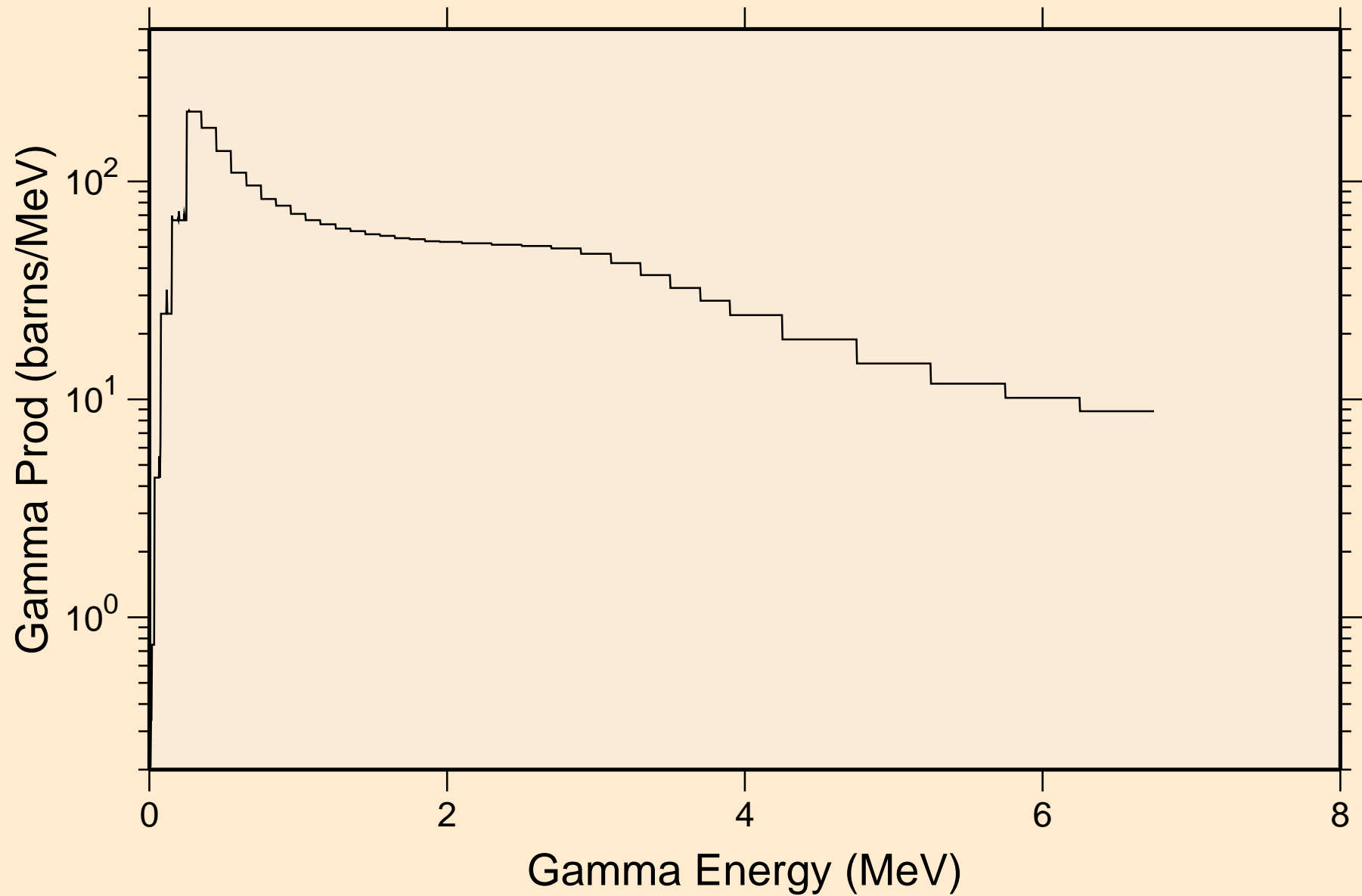
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

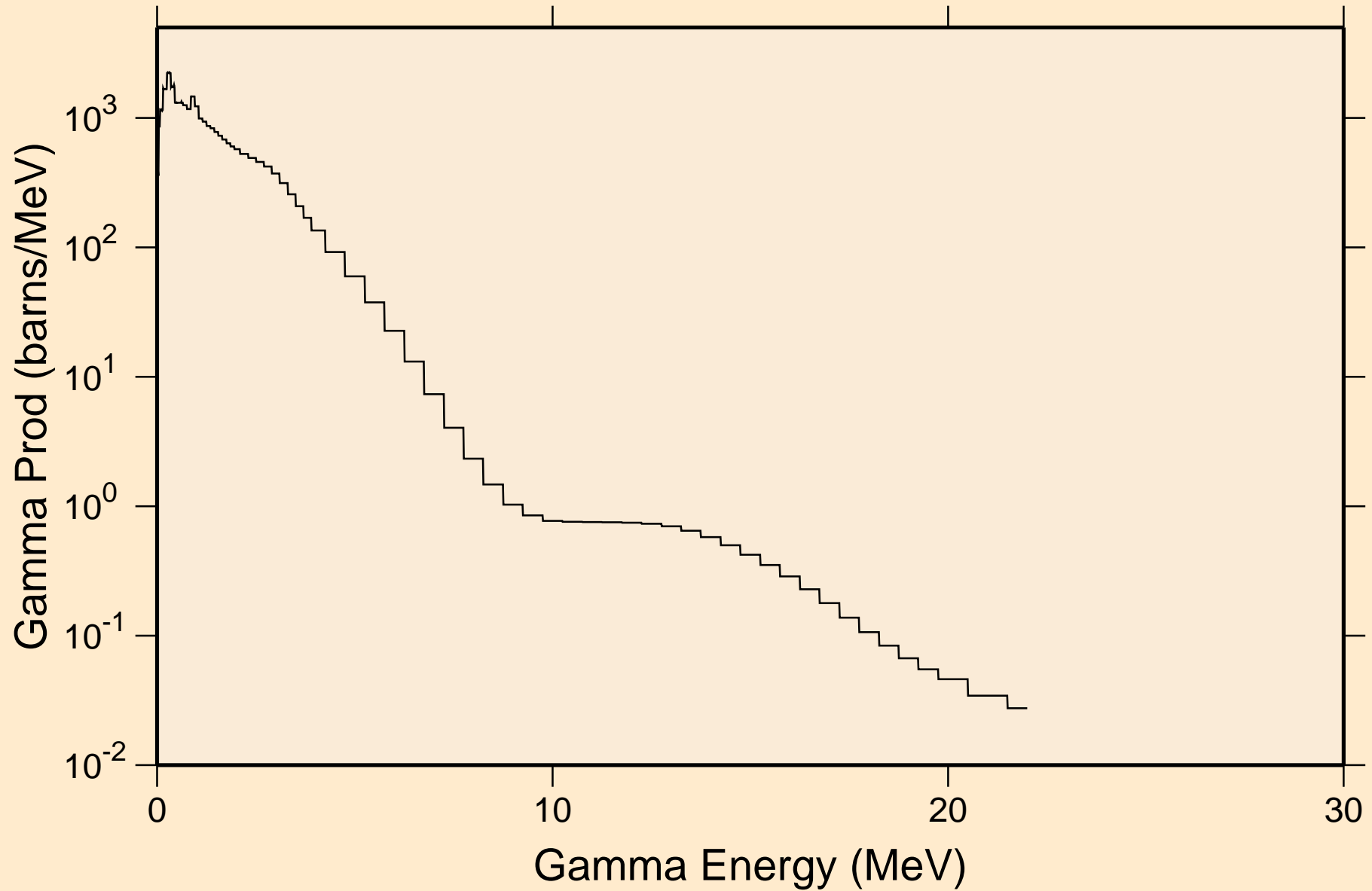


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



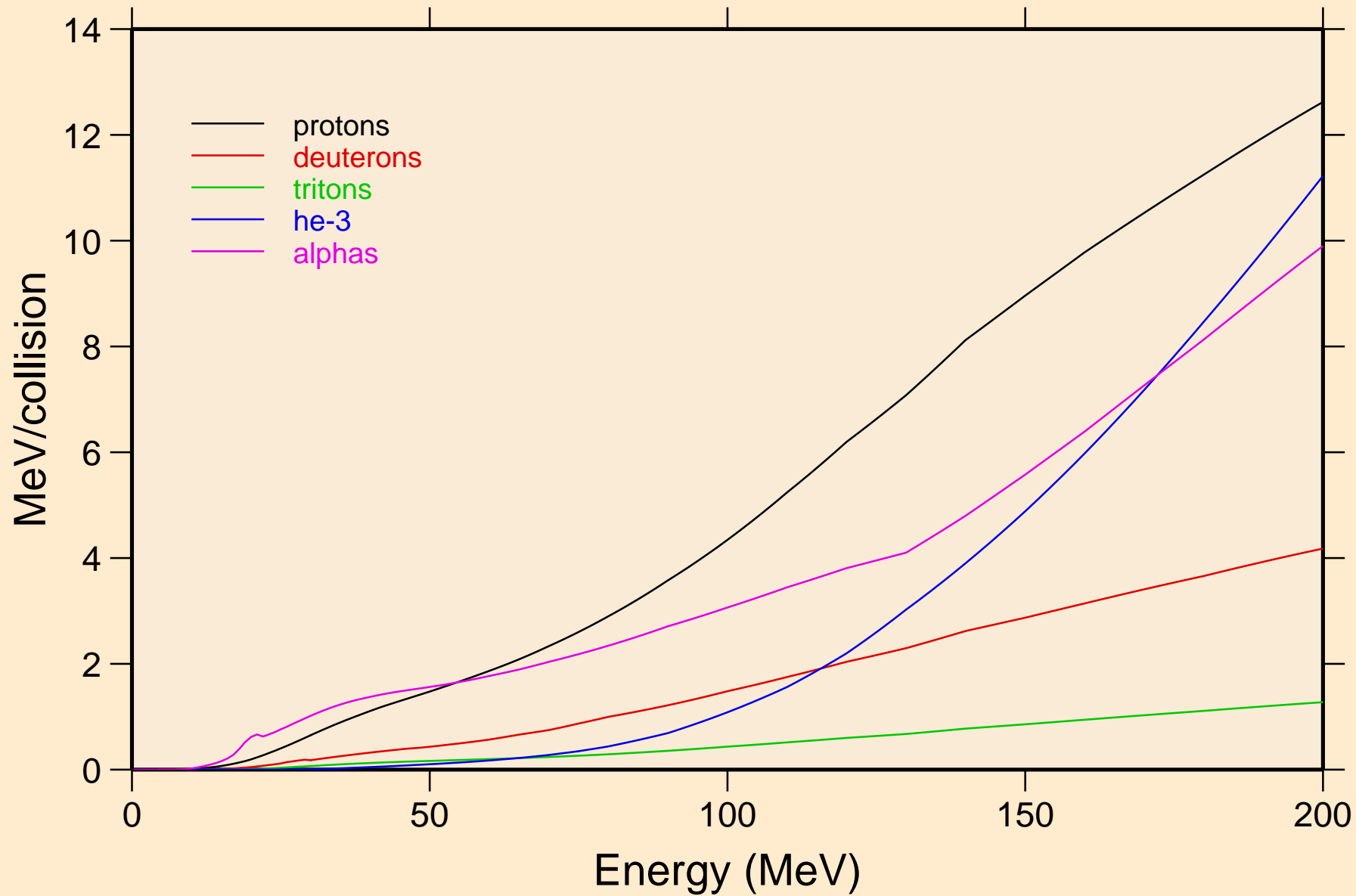


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14 MeV photon spectrum

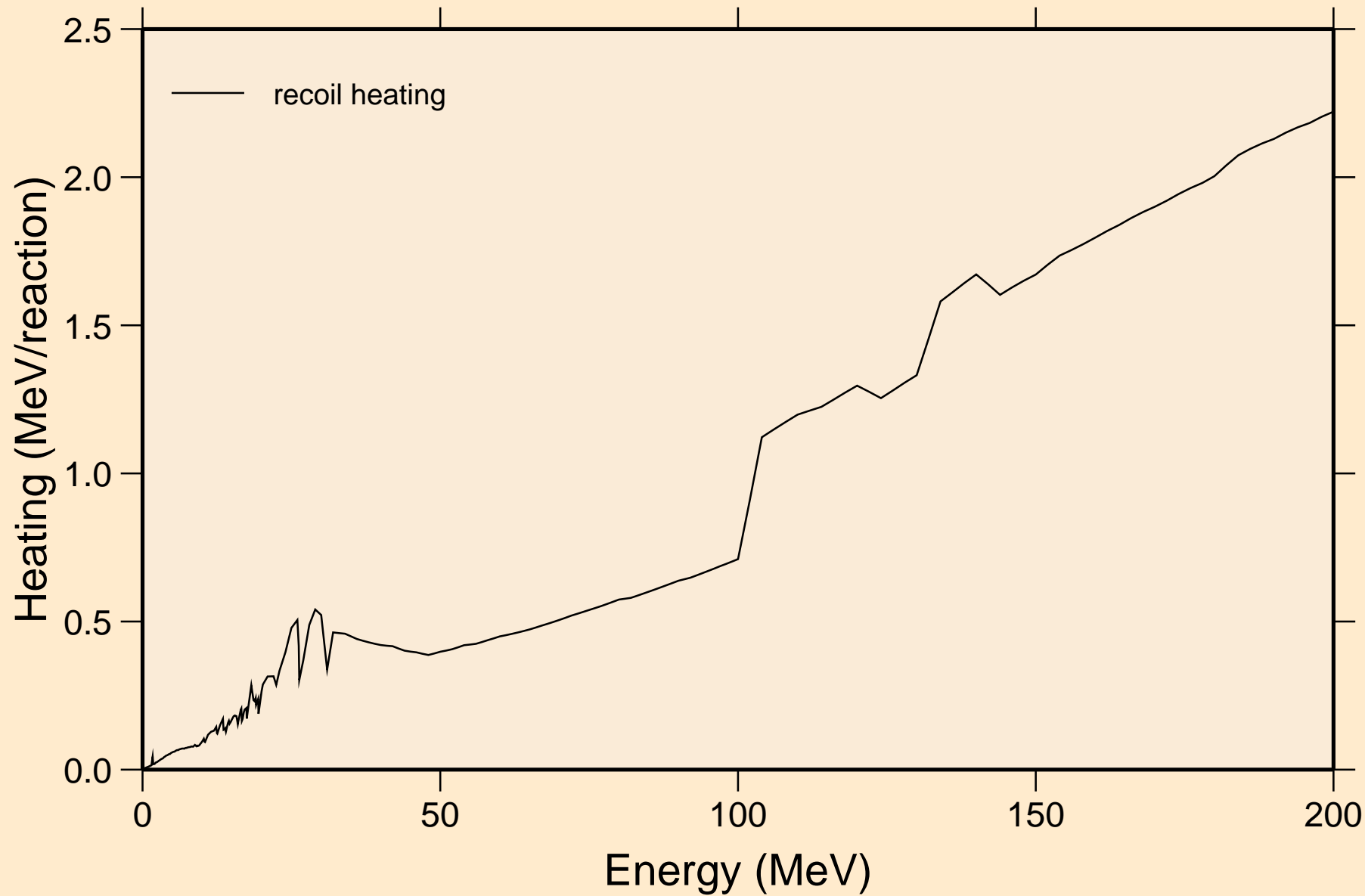


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

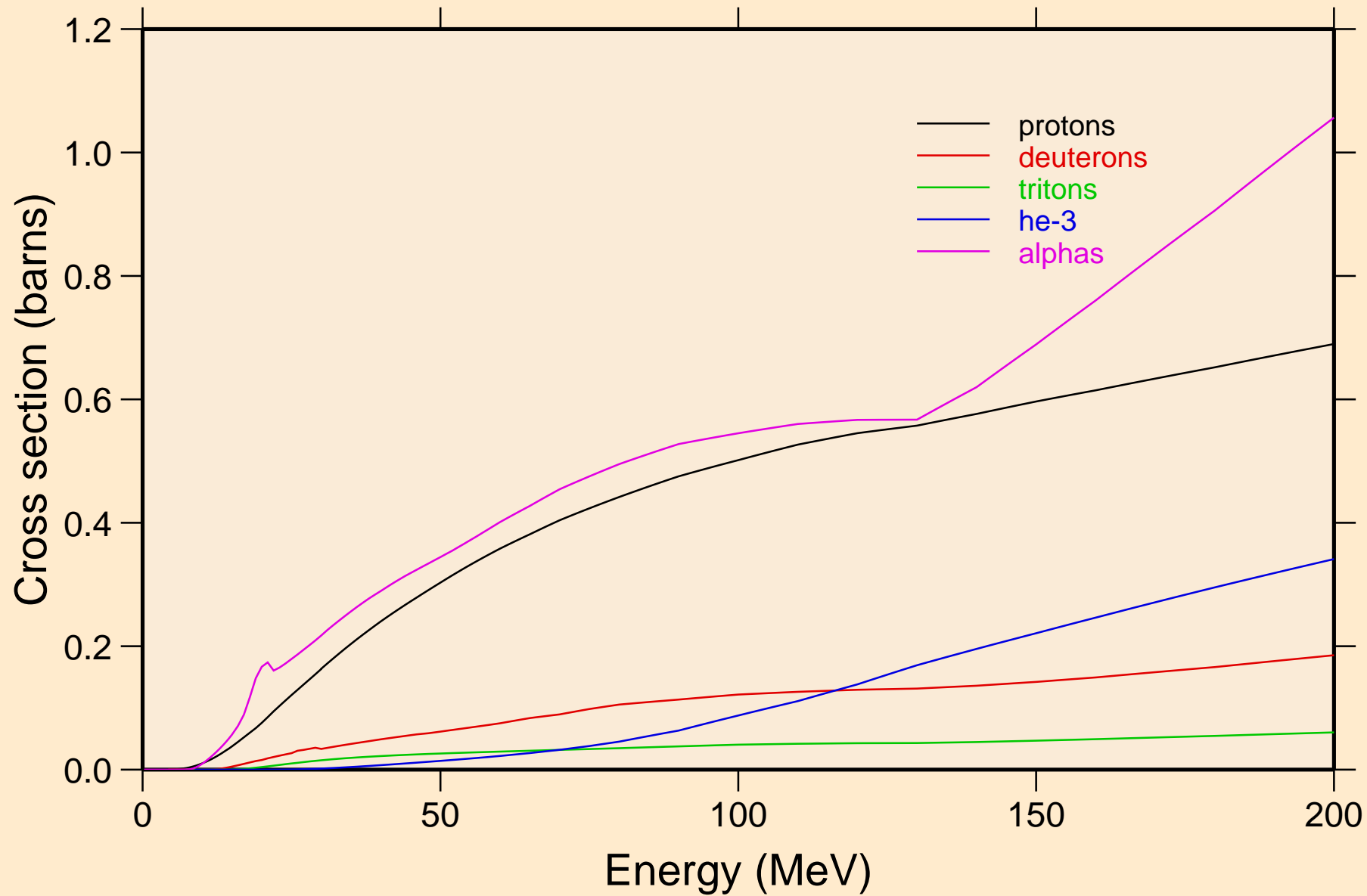


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

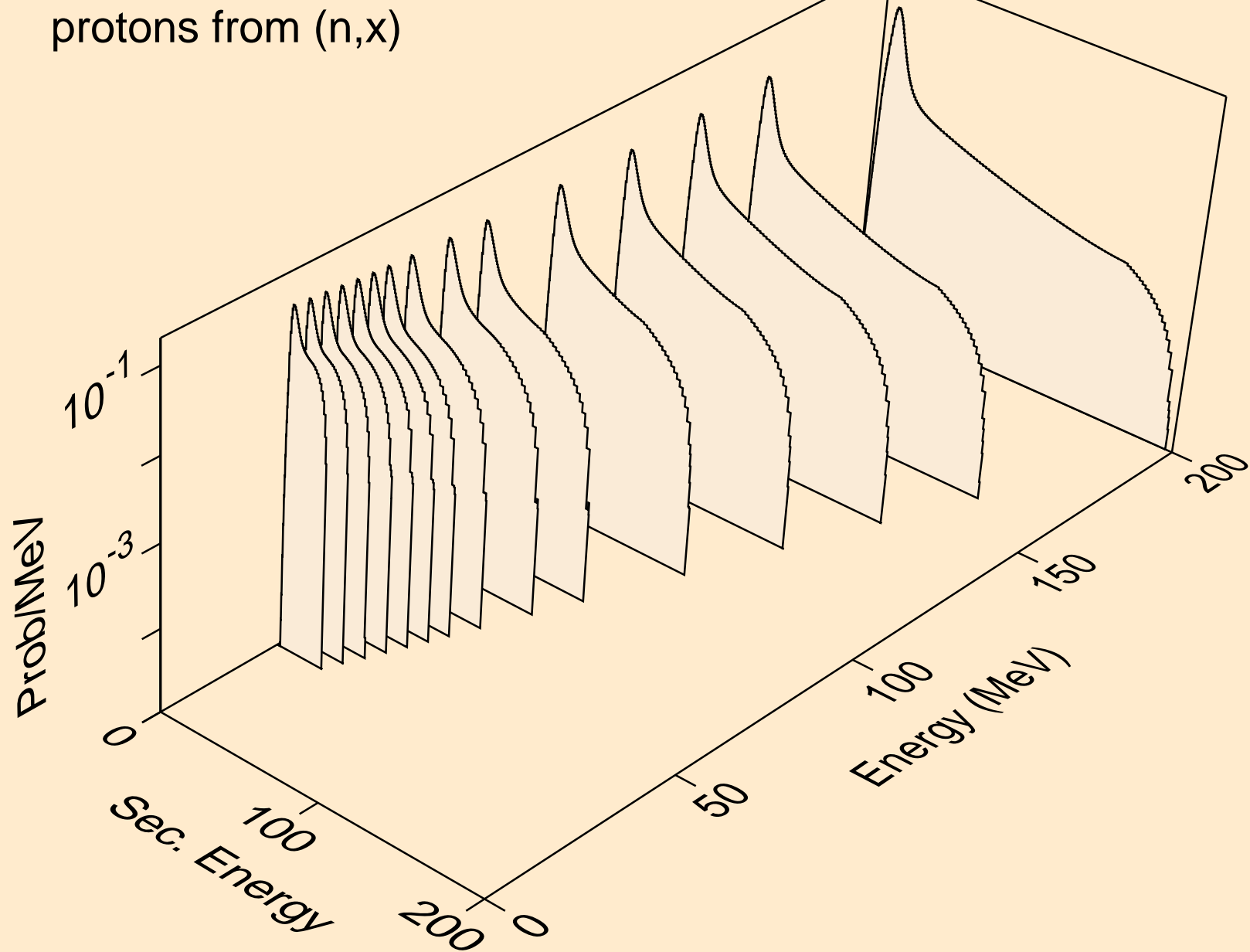


# AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

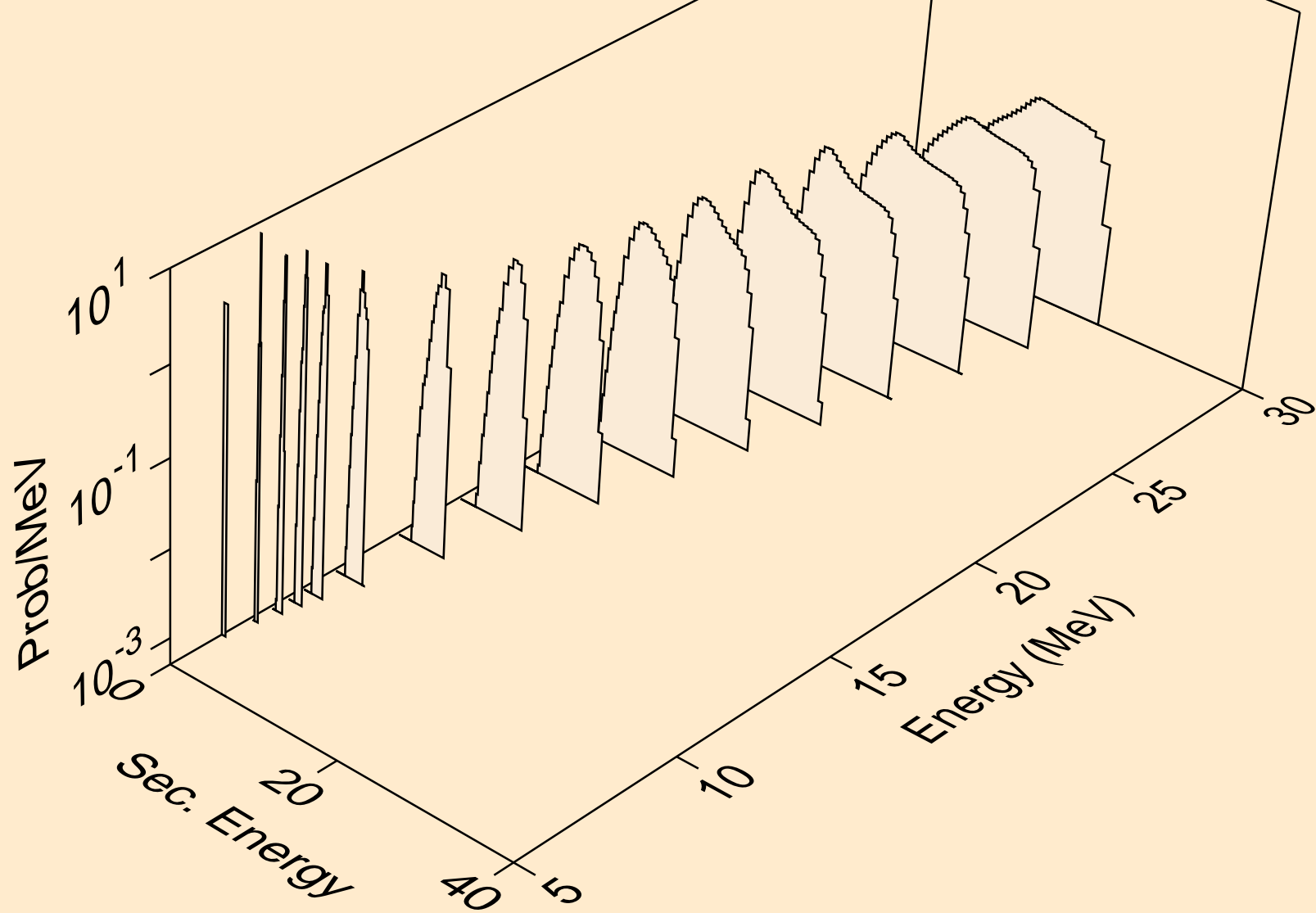
## Particle production cross sections



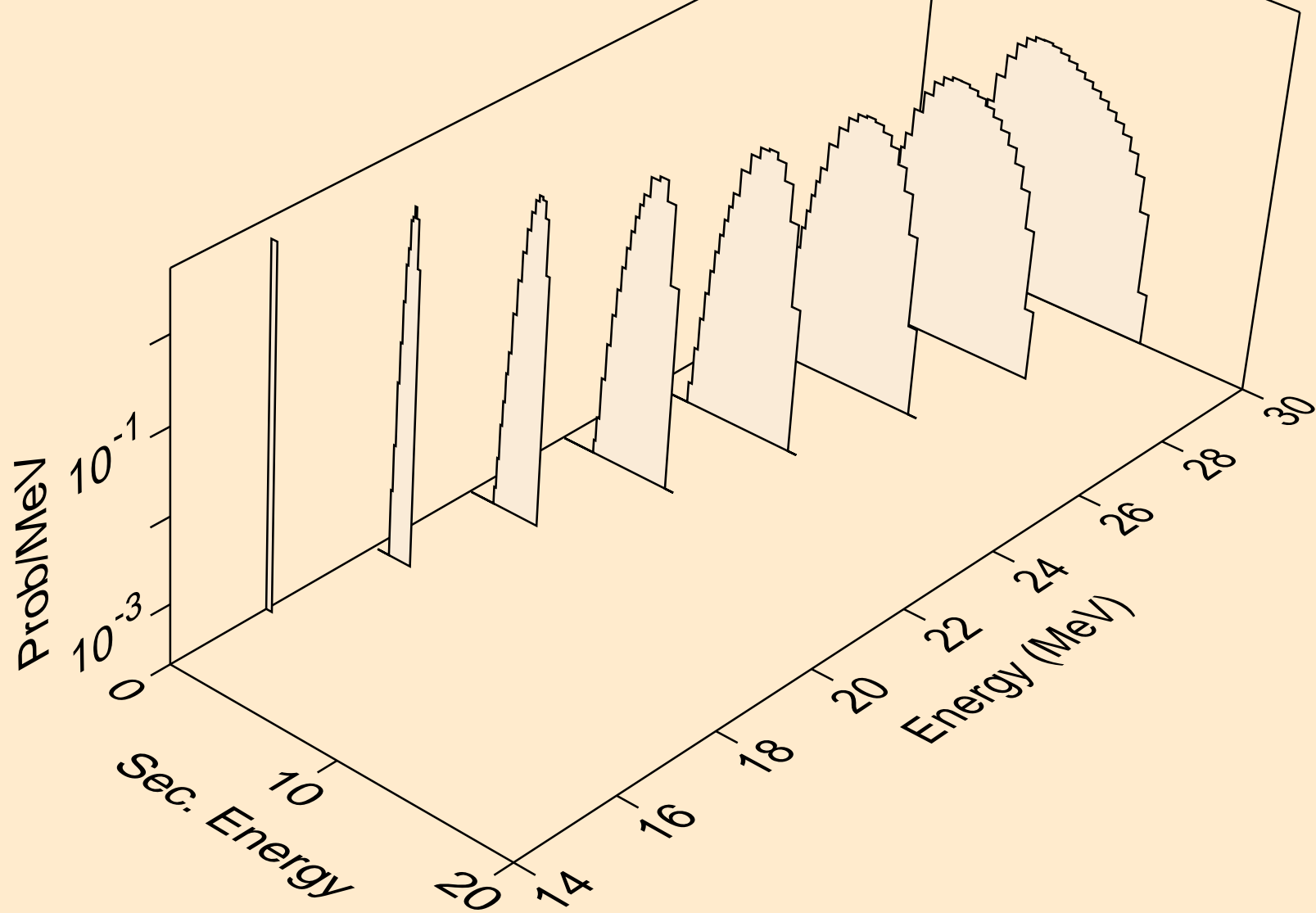
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protons from (n,x)



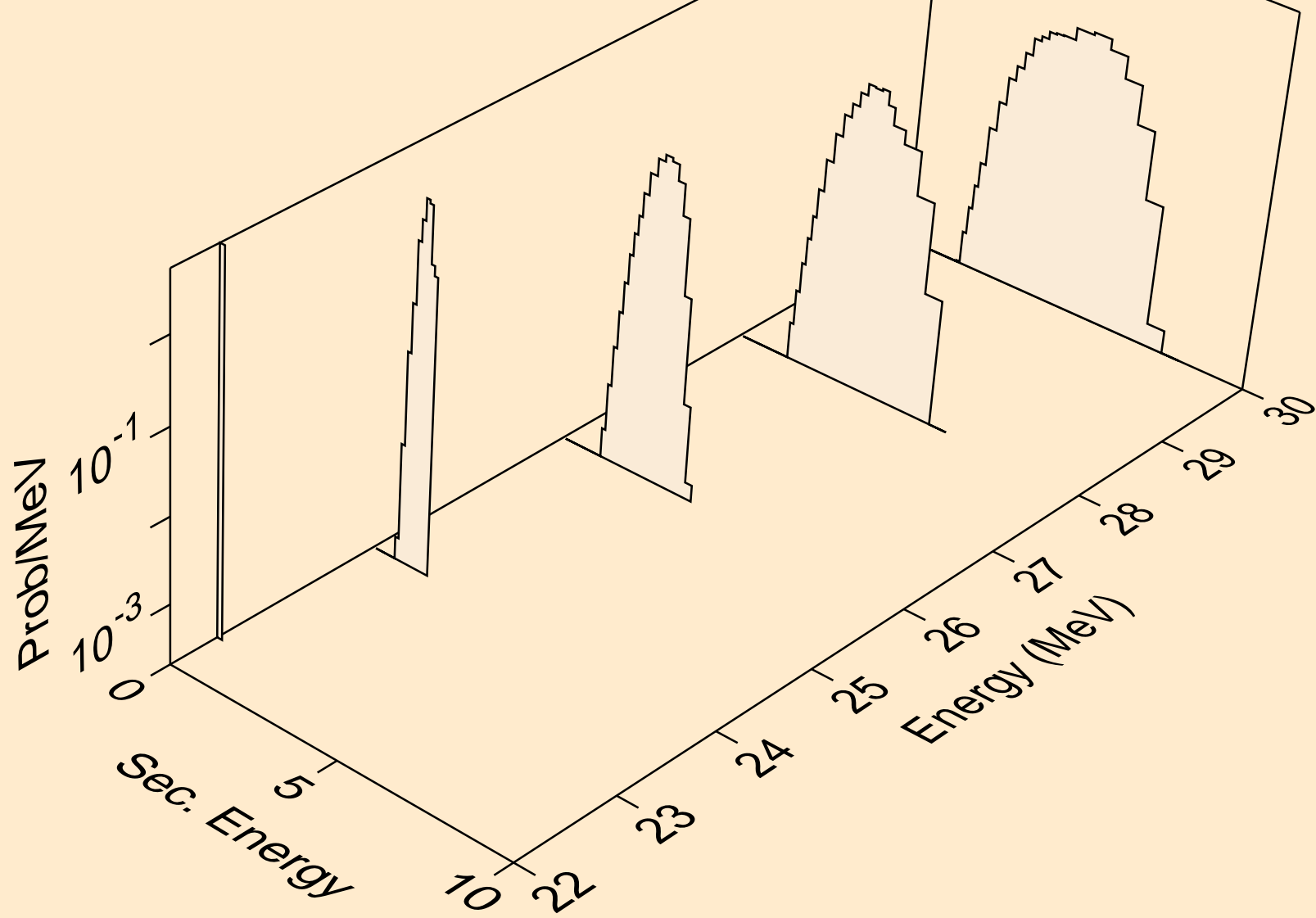
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protons from (n,n\*)p



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

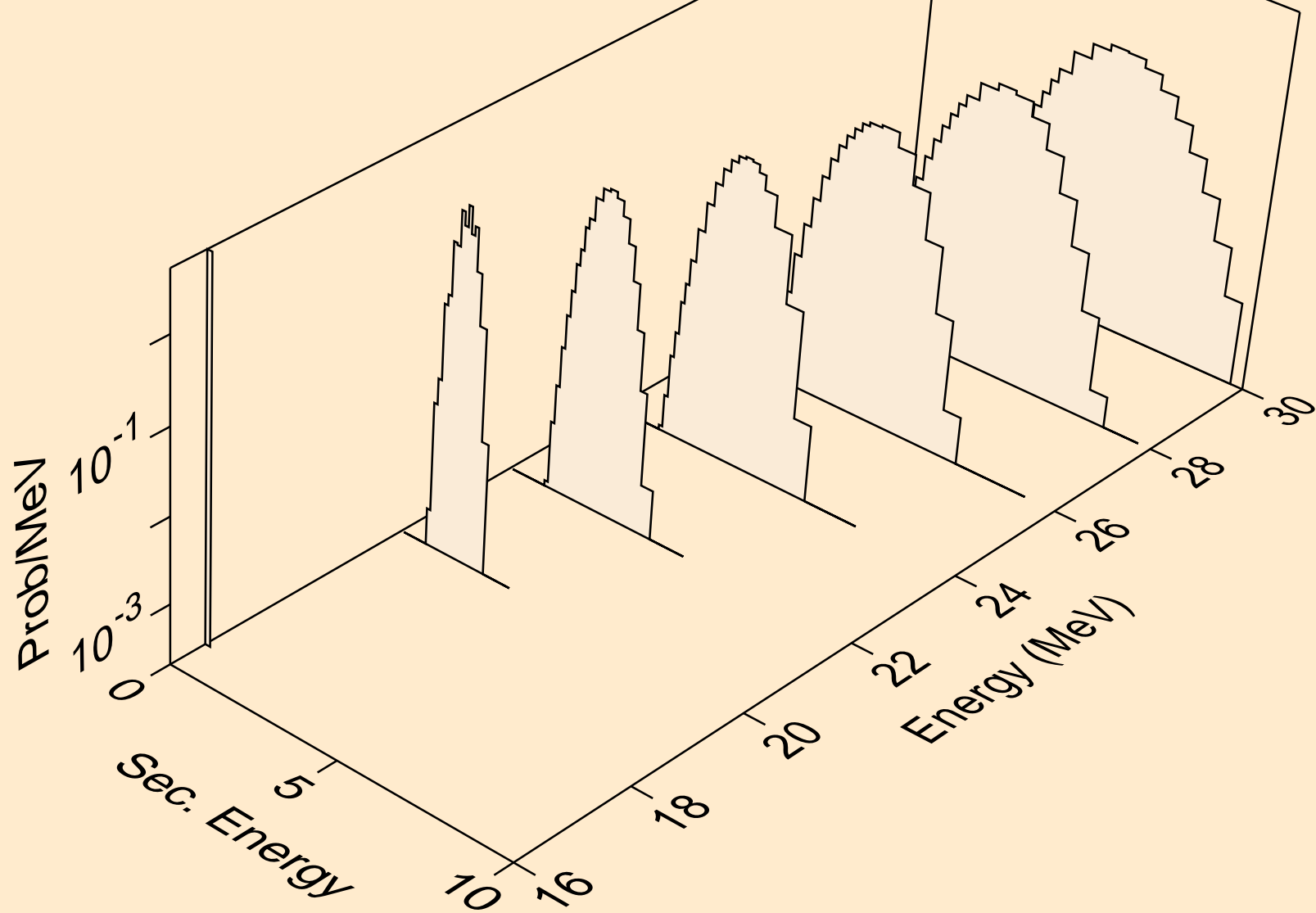


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protons from (n,3np)

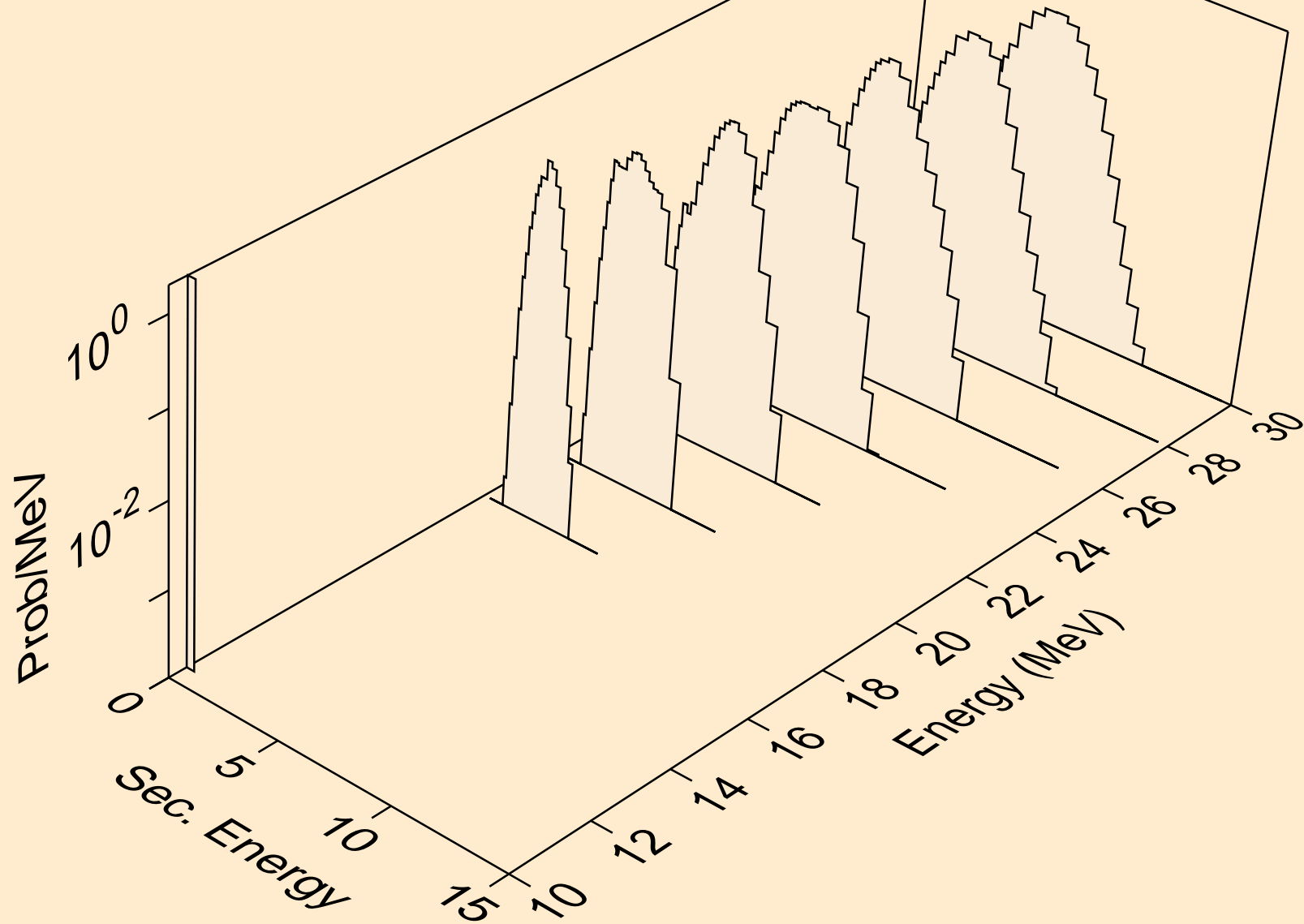




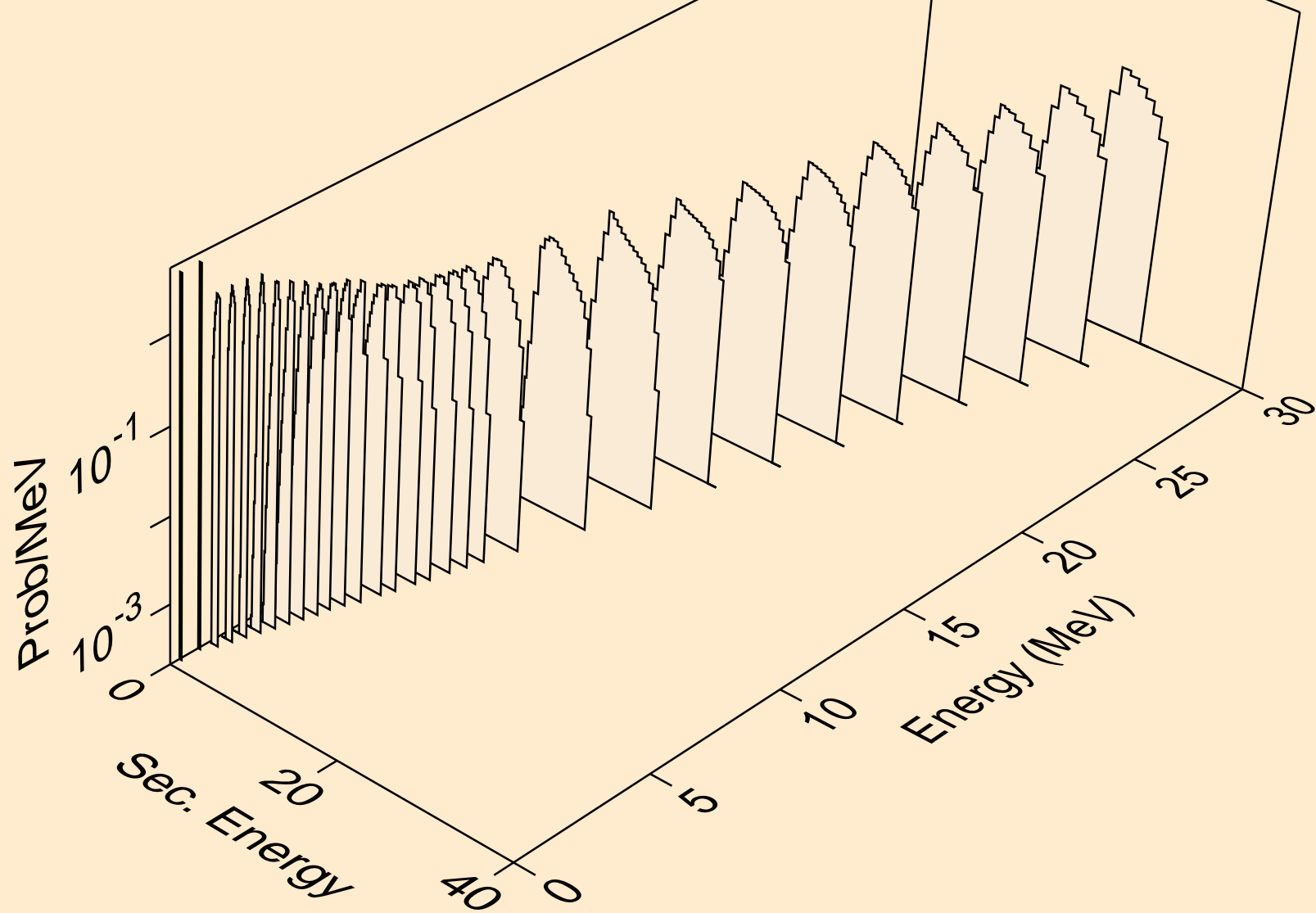
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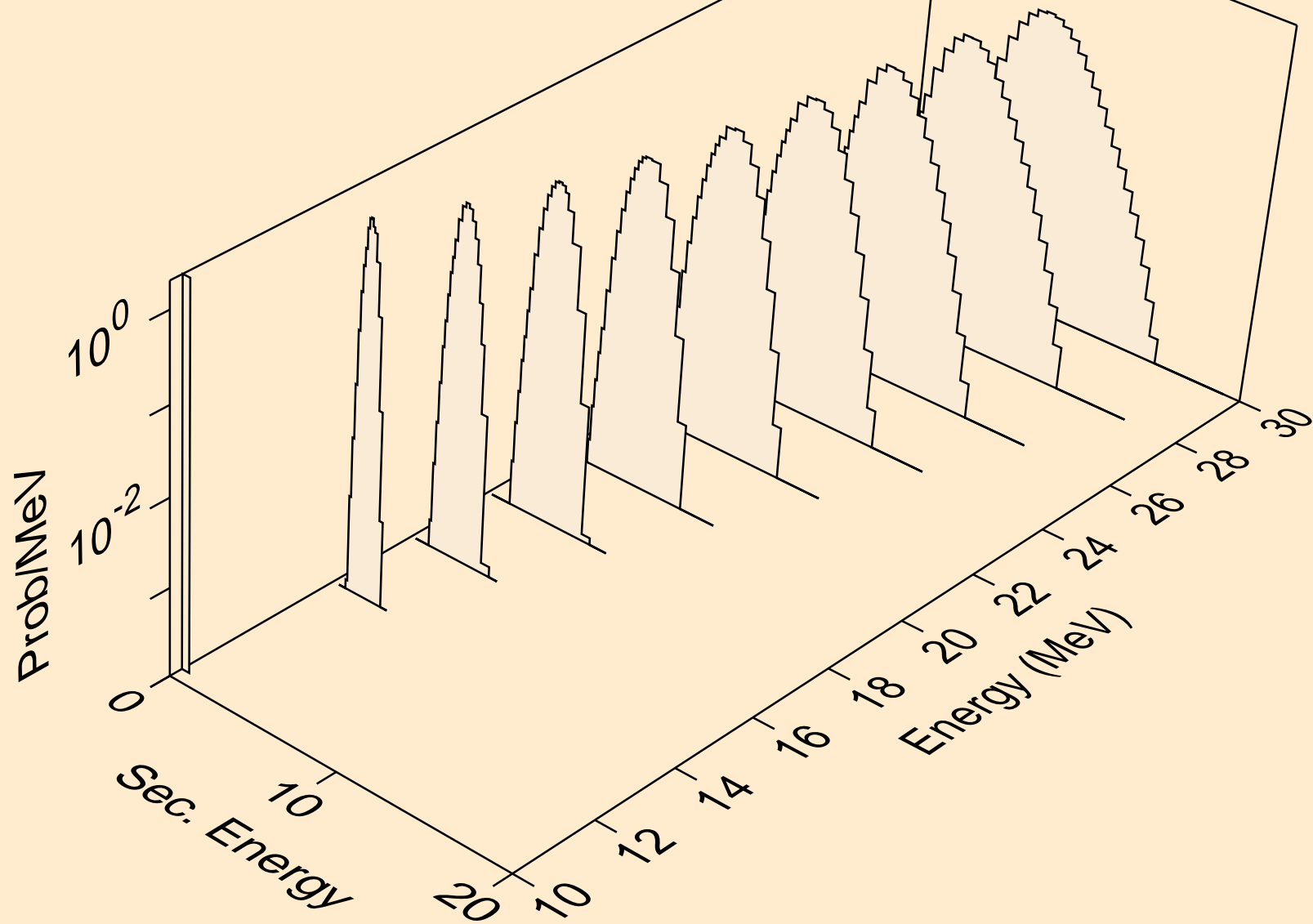
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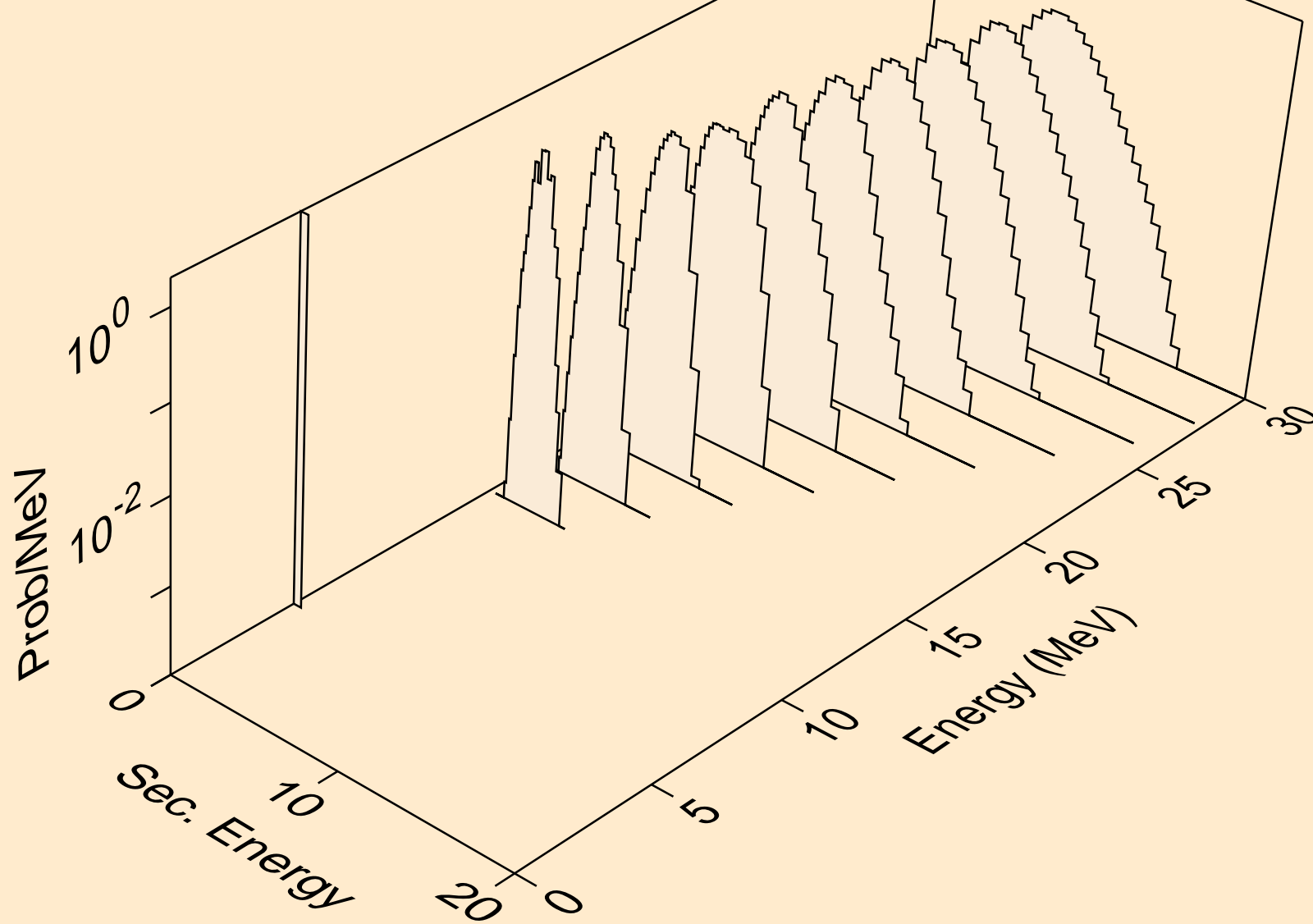
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protons from (n,p)



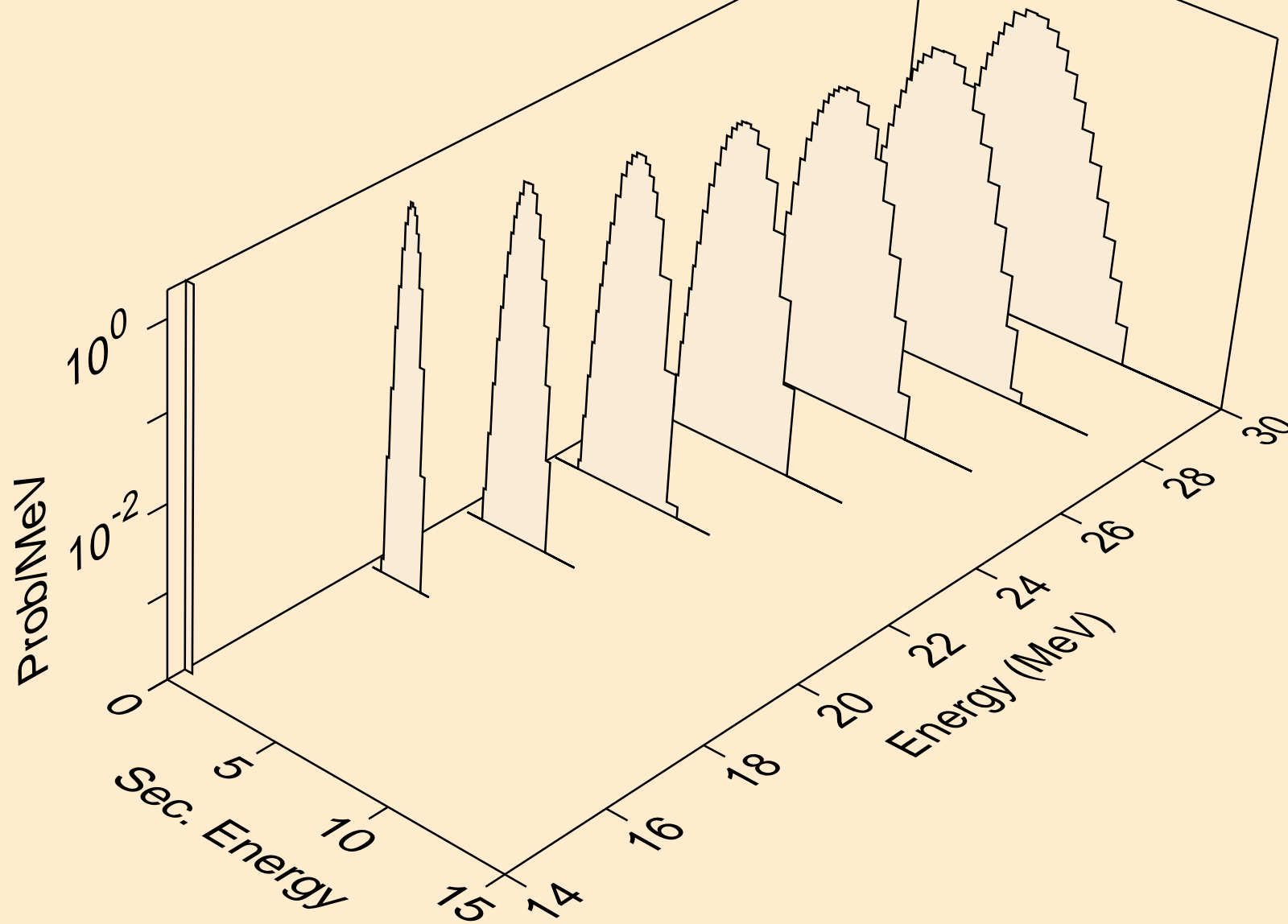
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protons from (n,2p)



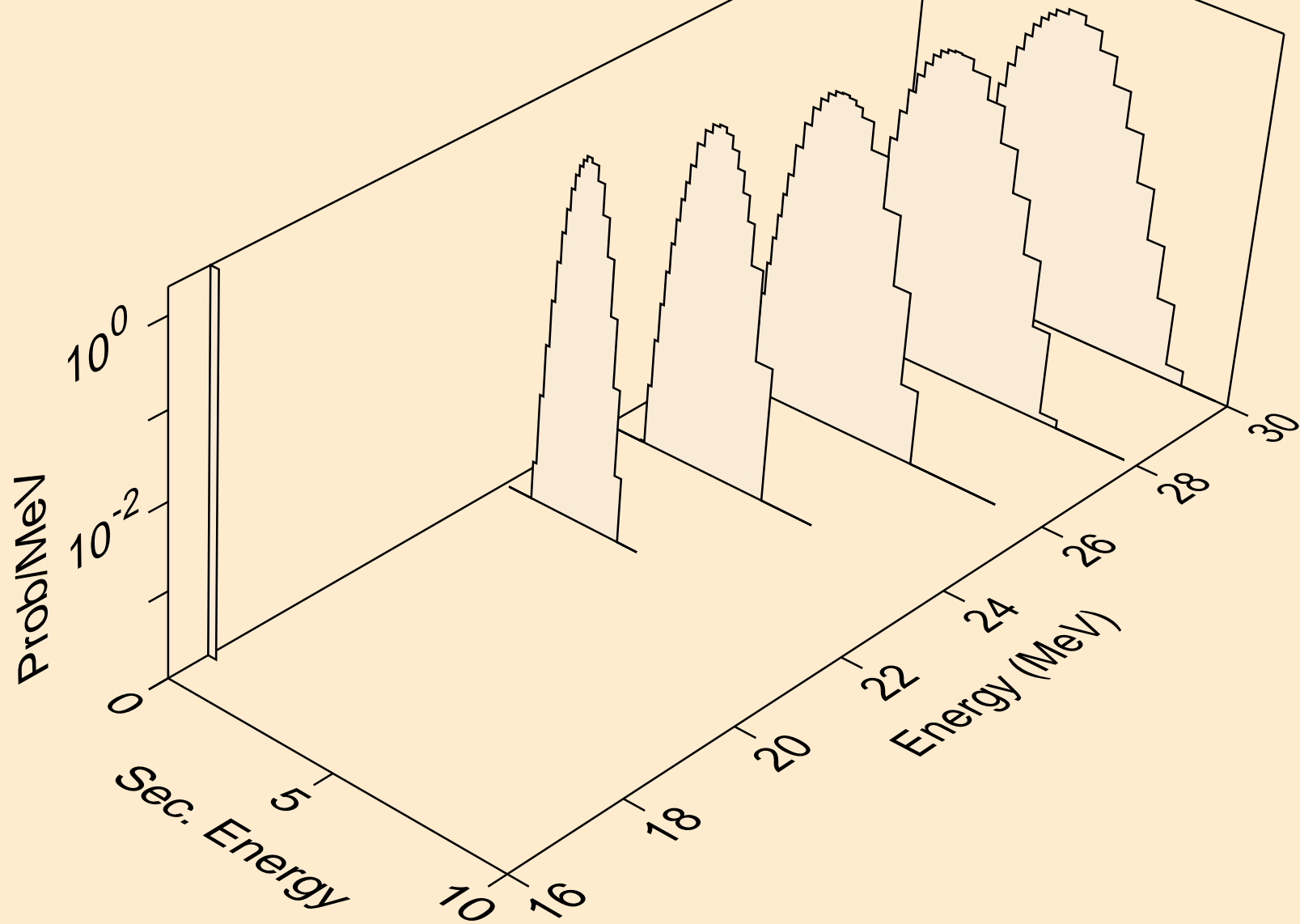
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protons from (n,p)



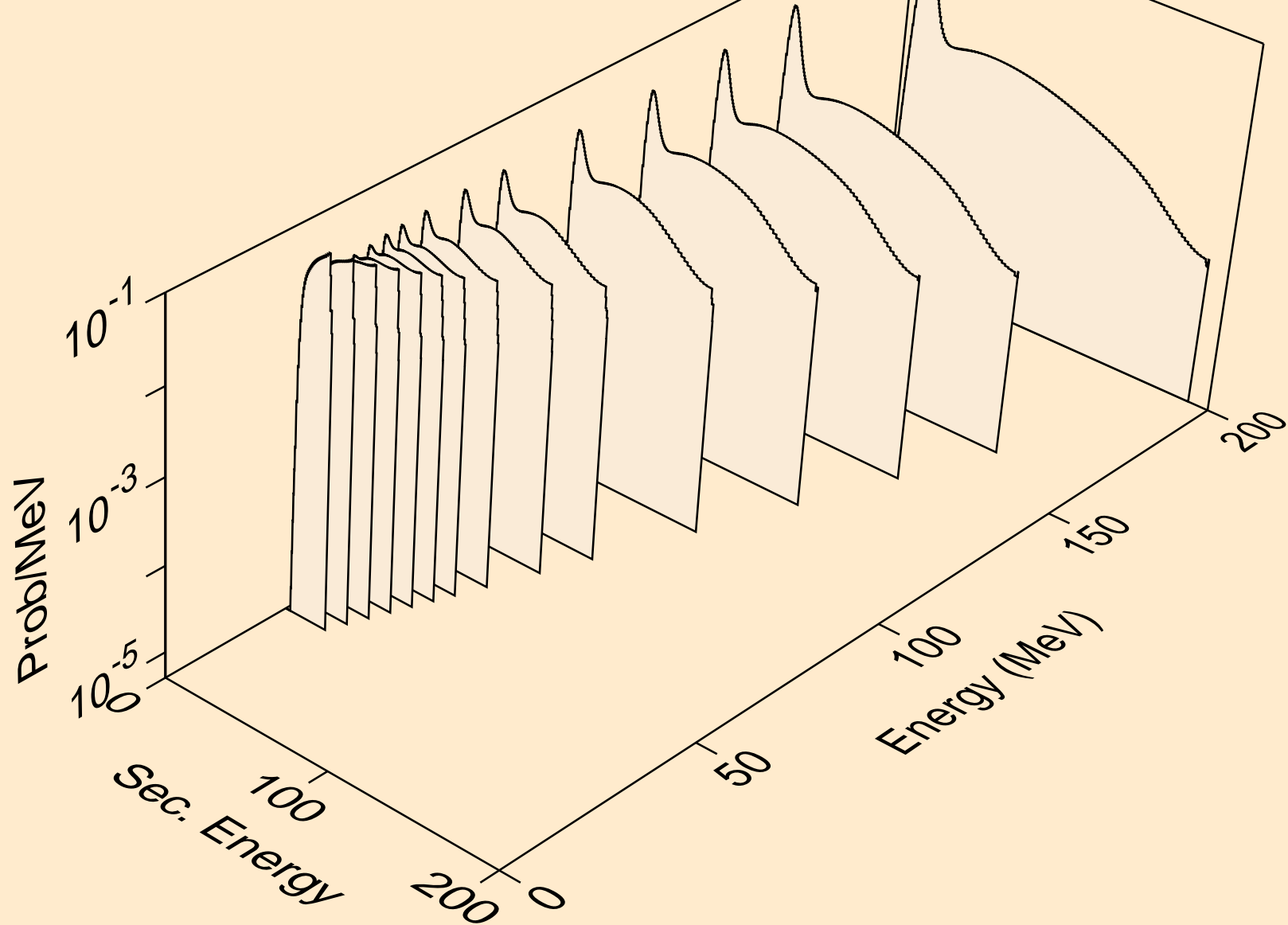
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protons from (n,pd)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

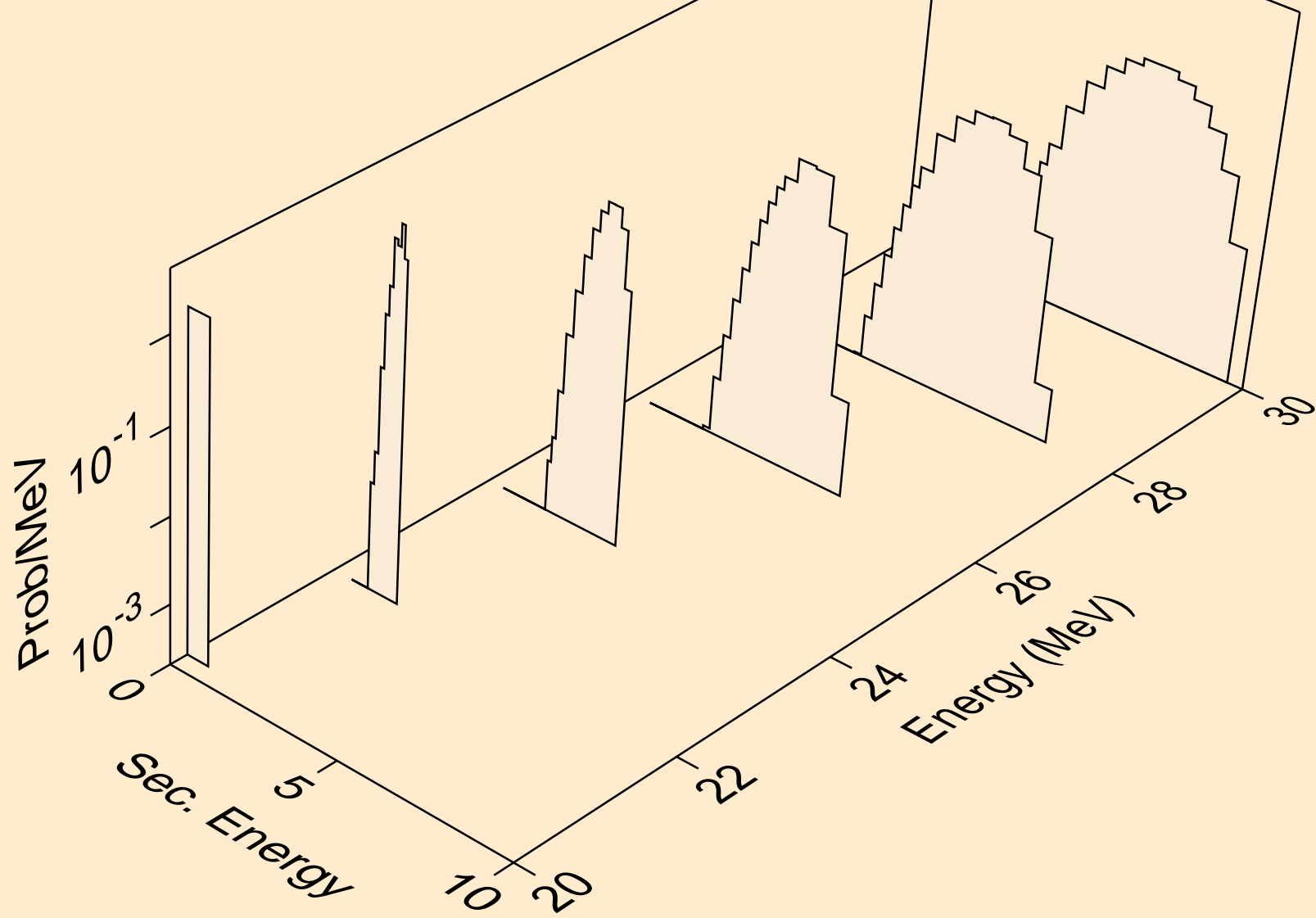


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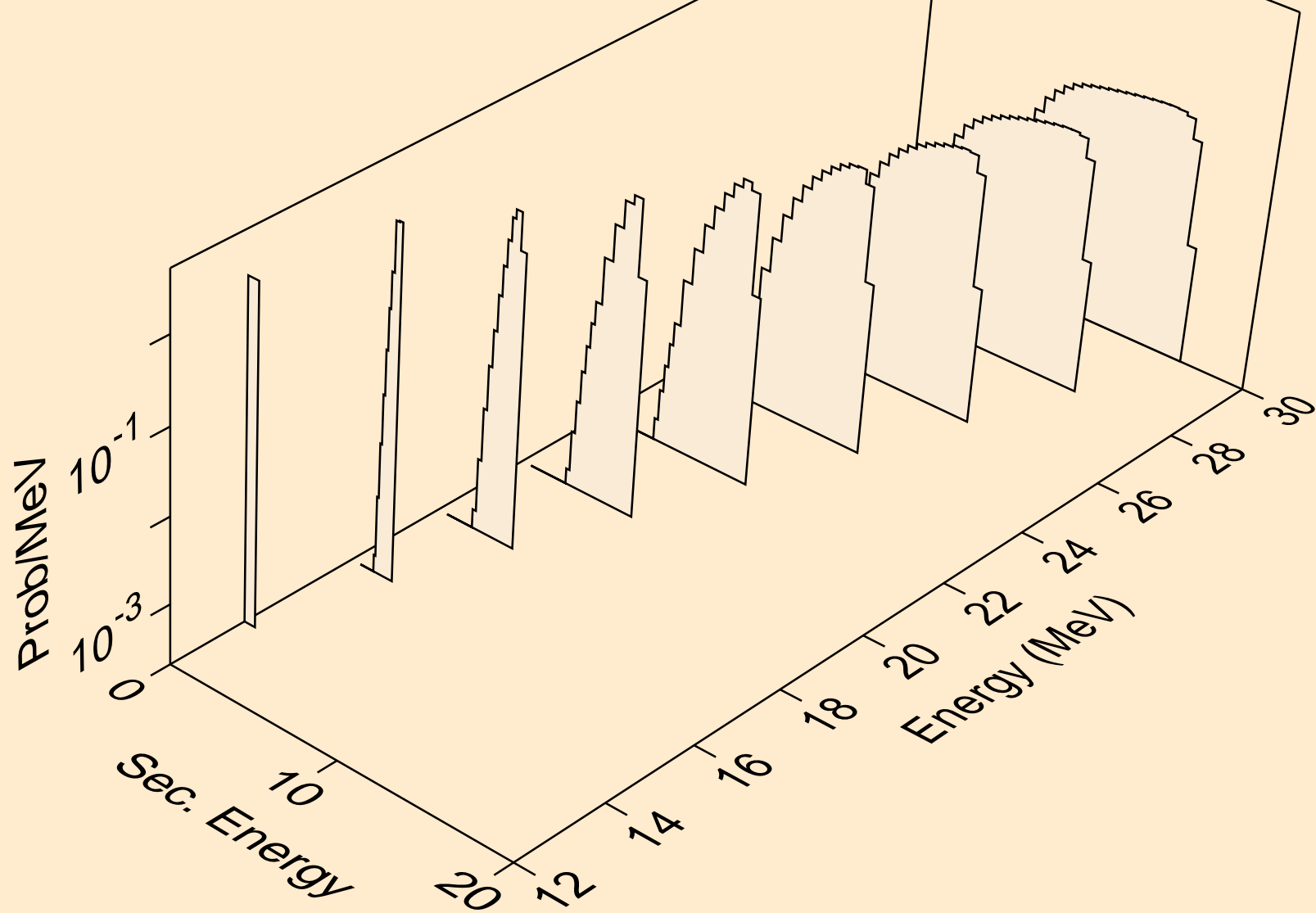




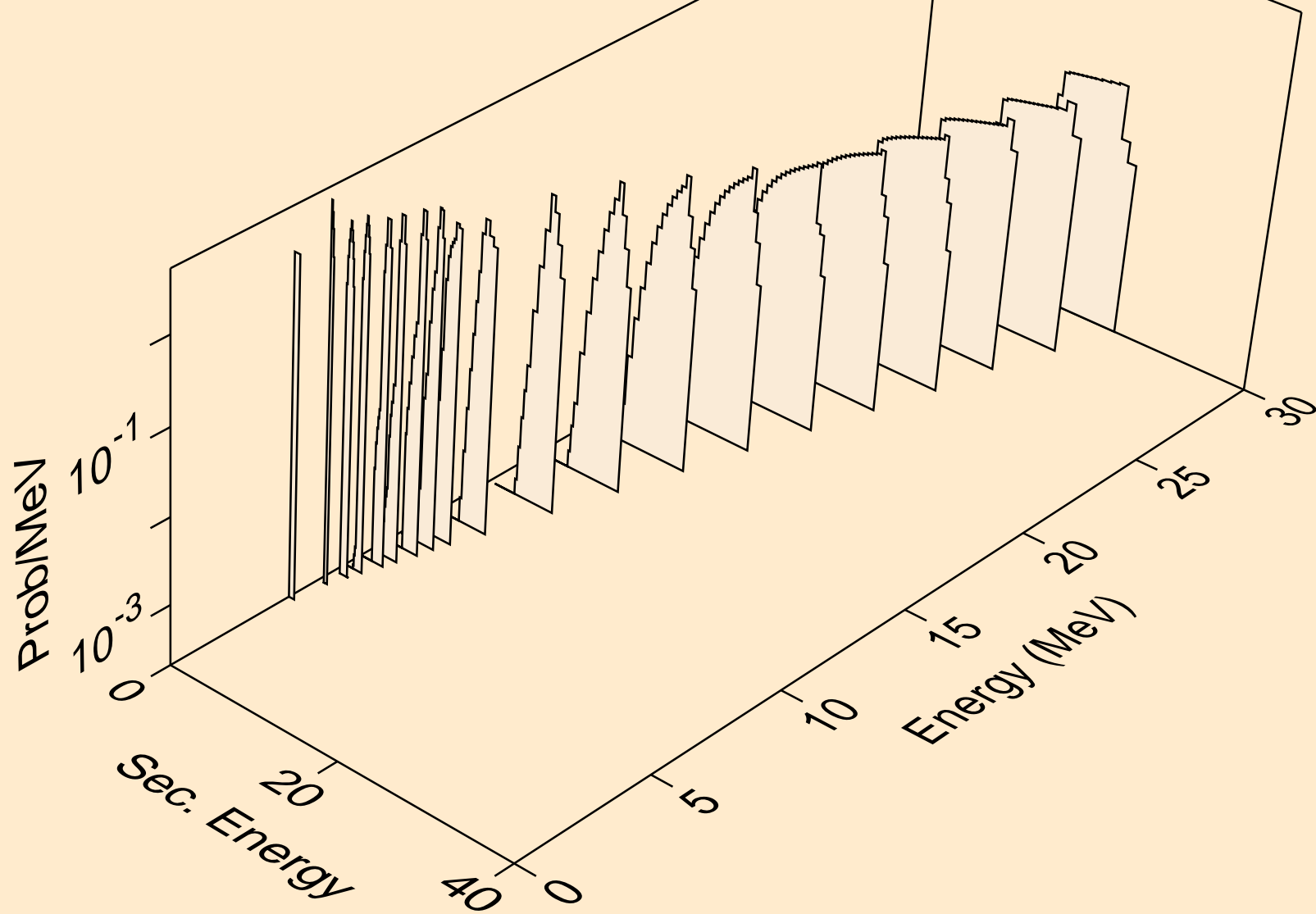
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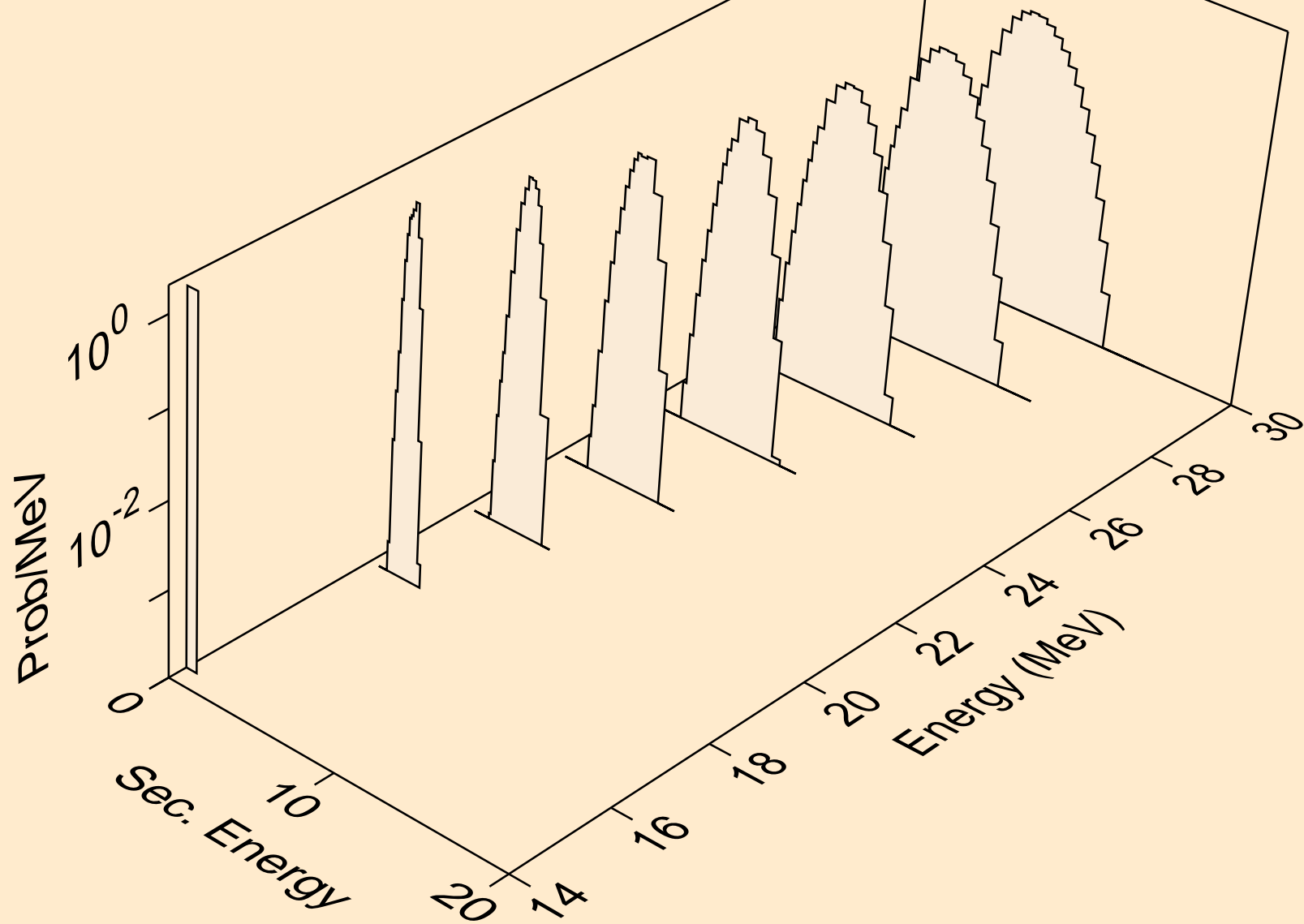
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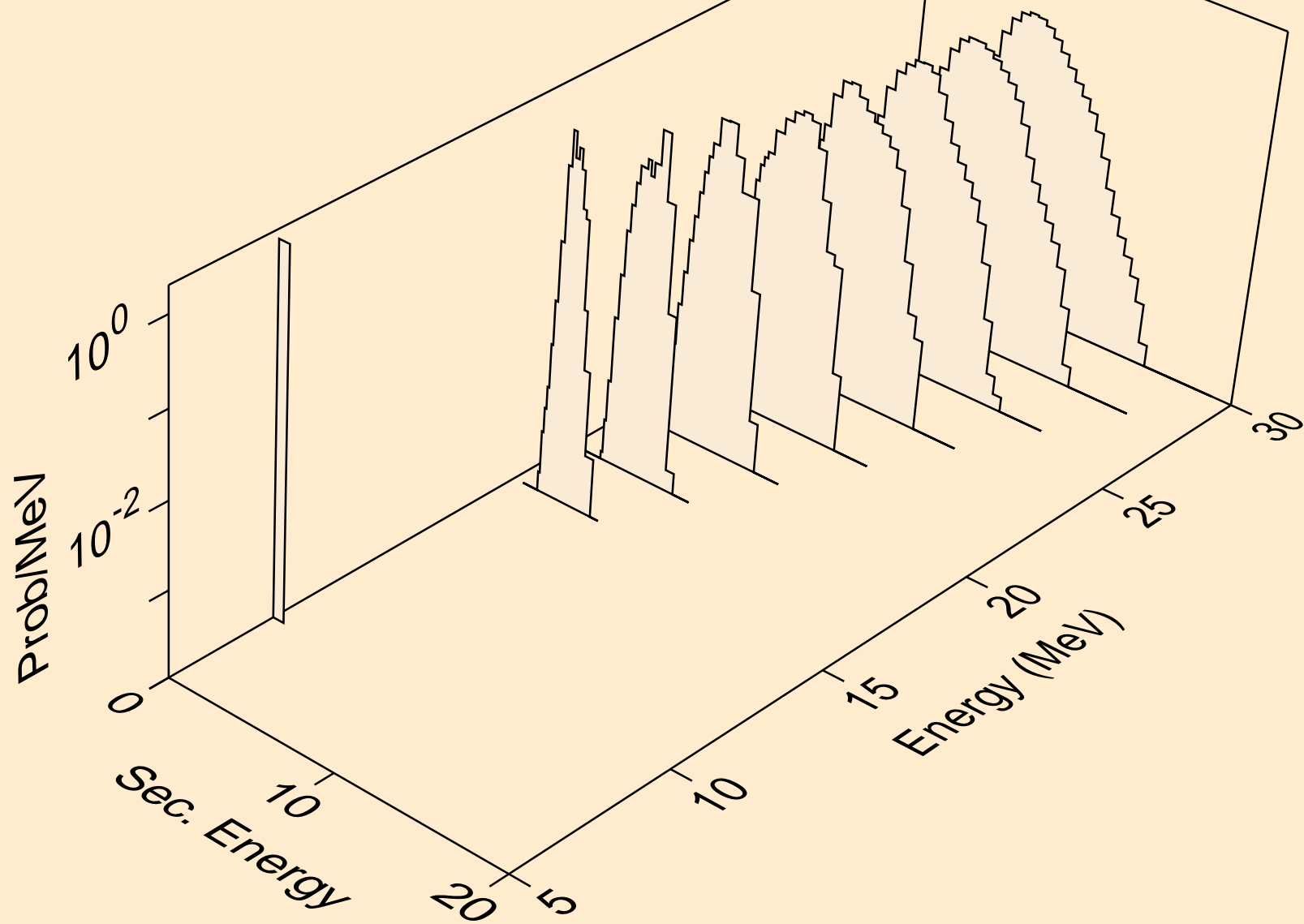
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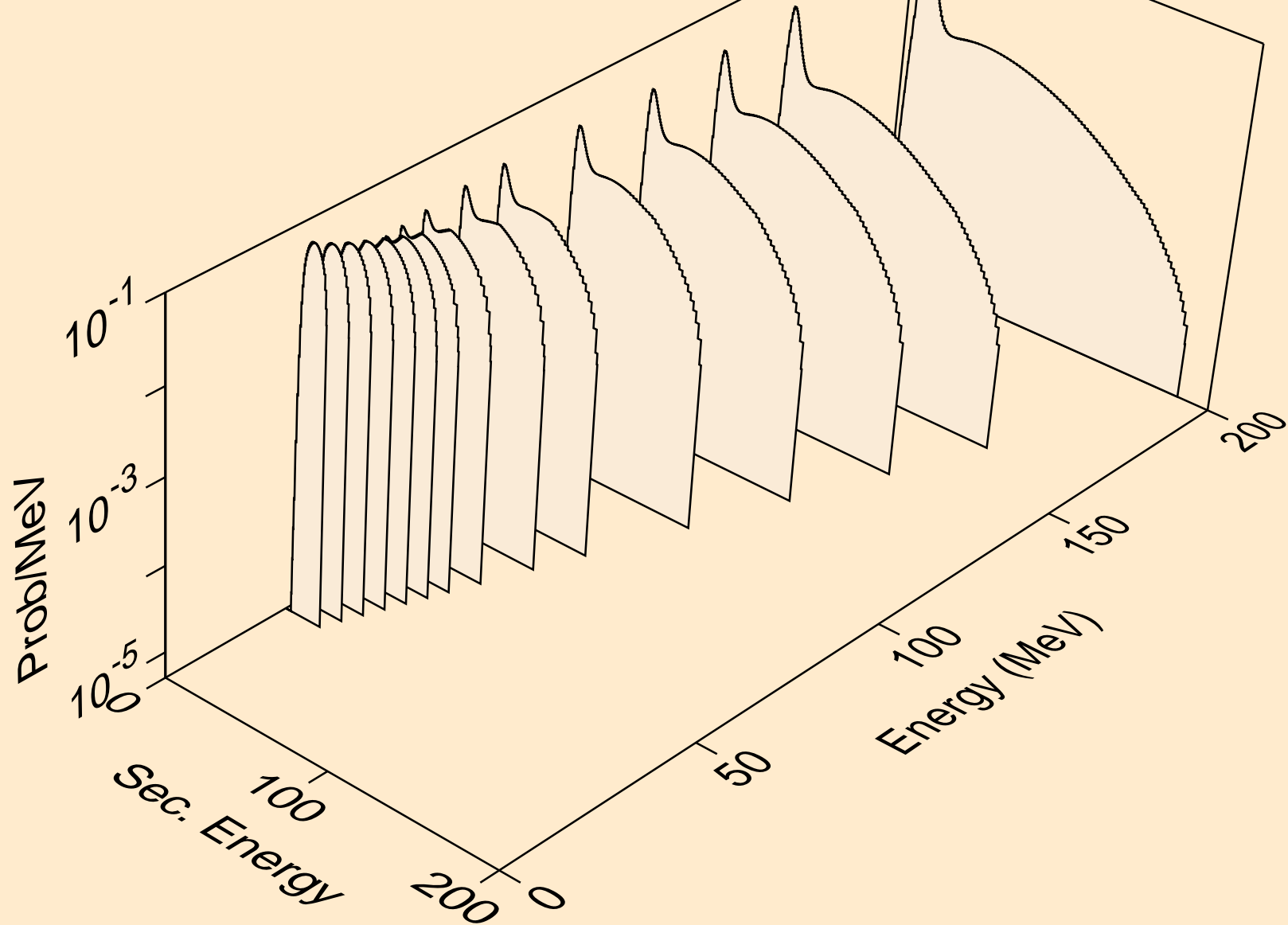
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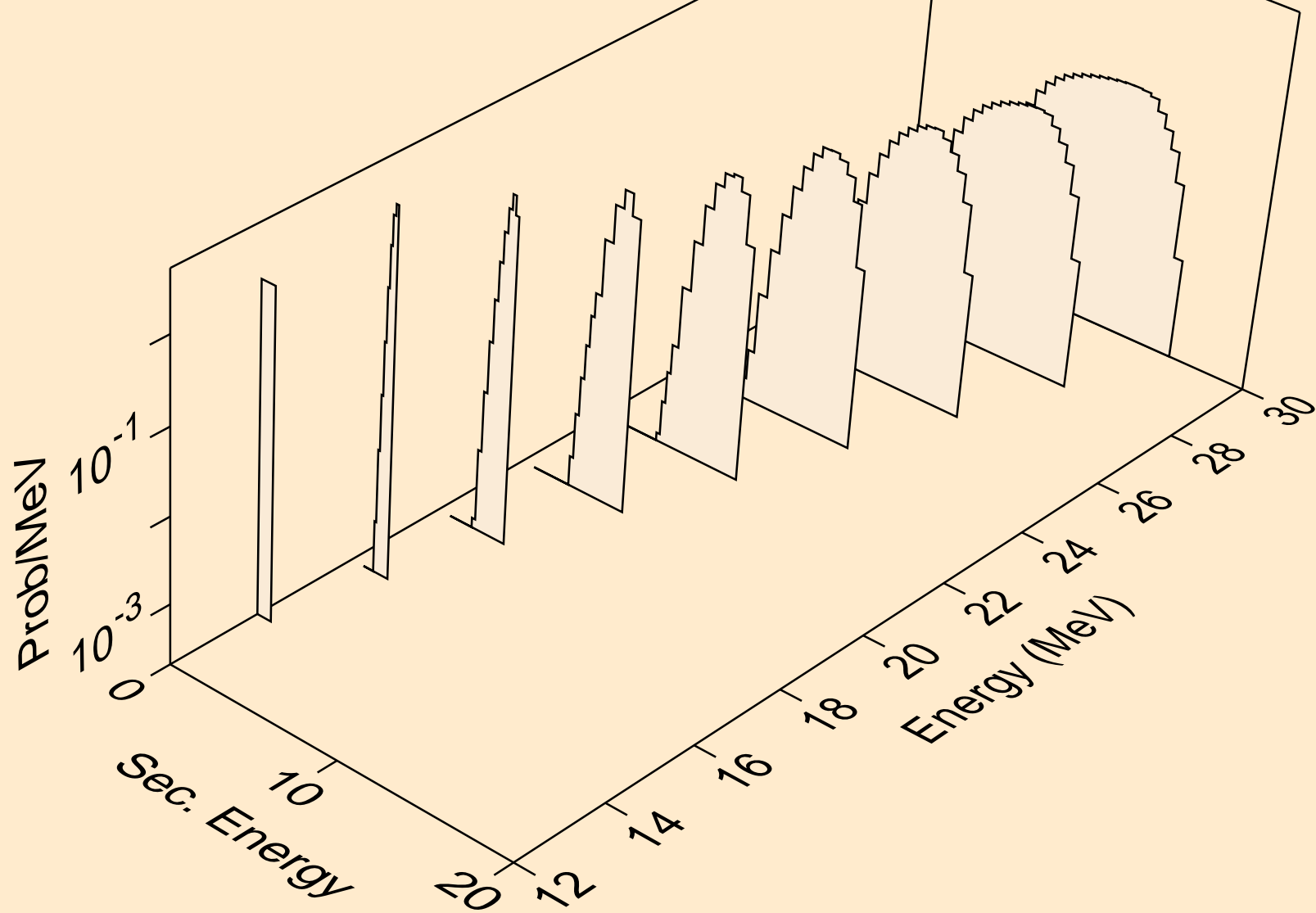
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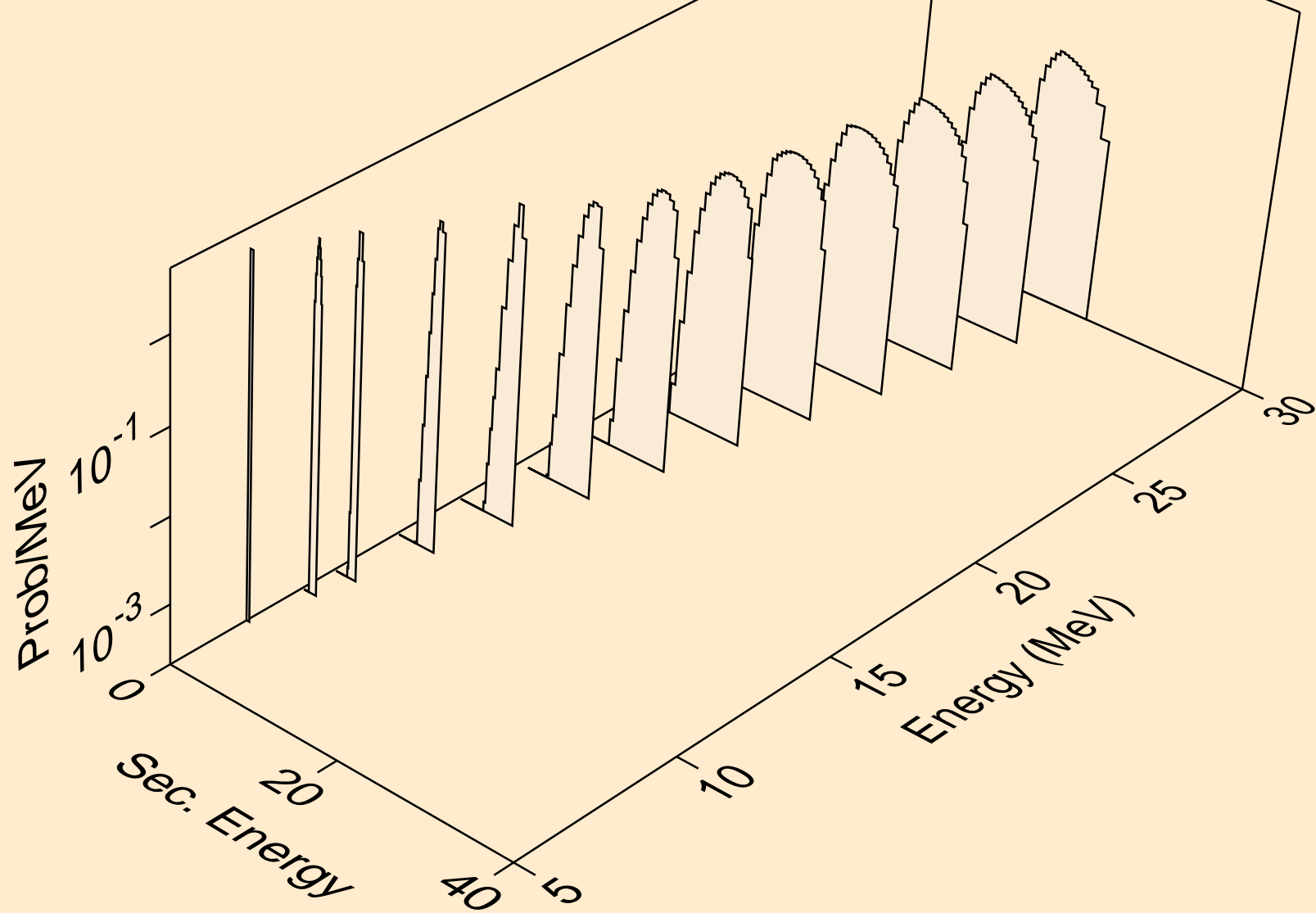
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

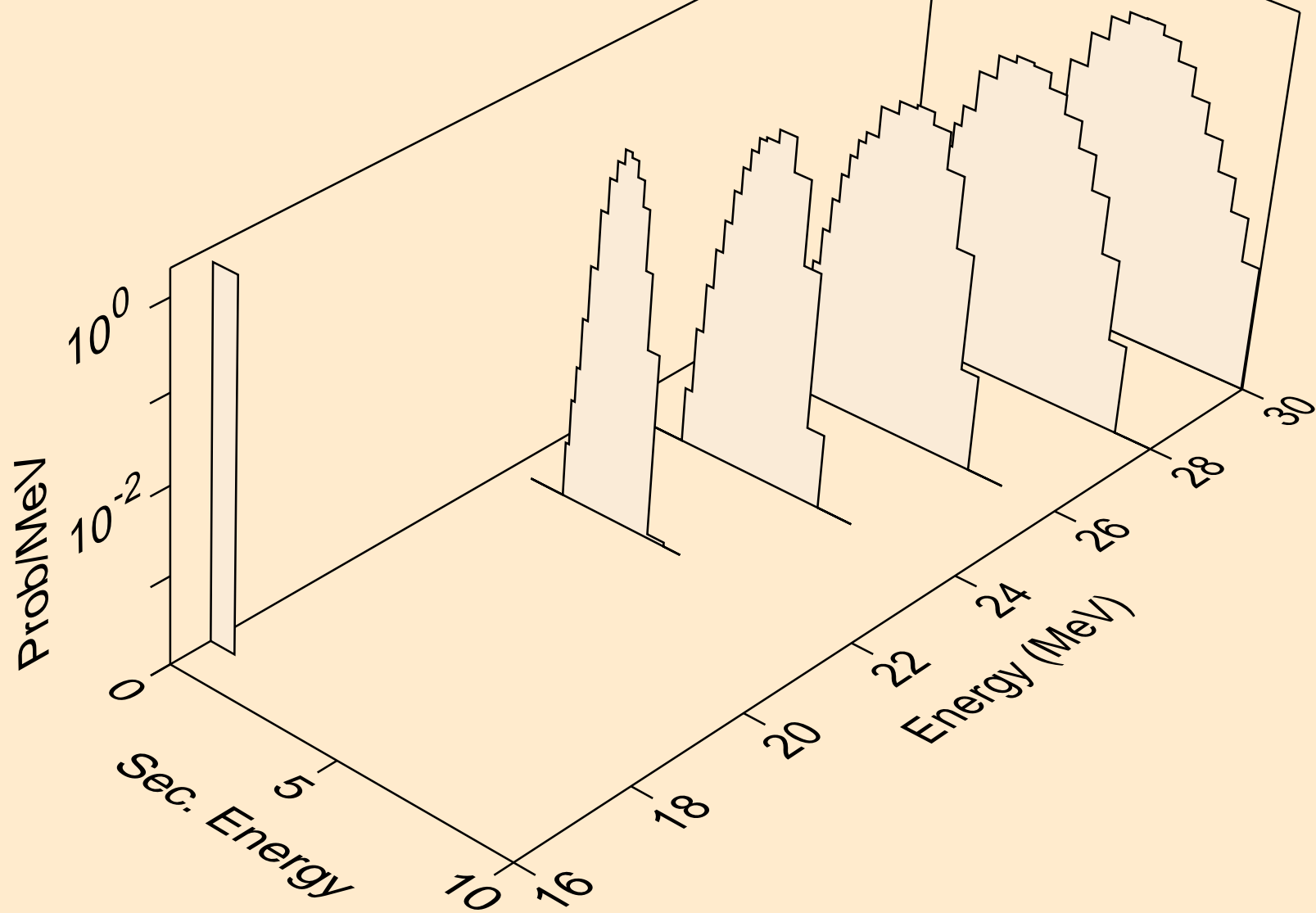


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

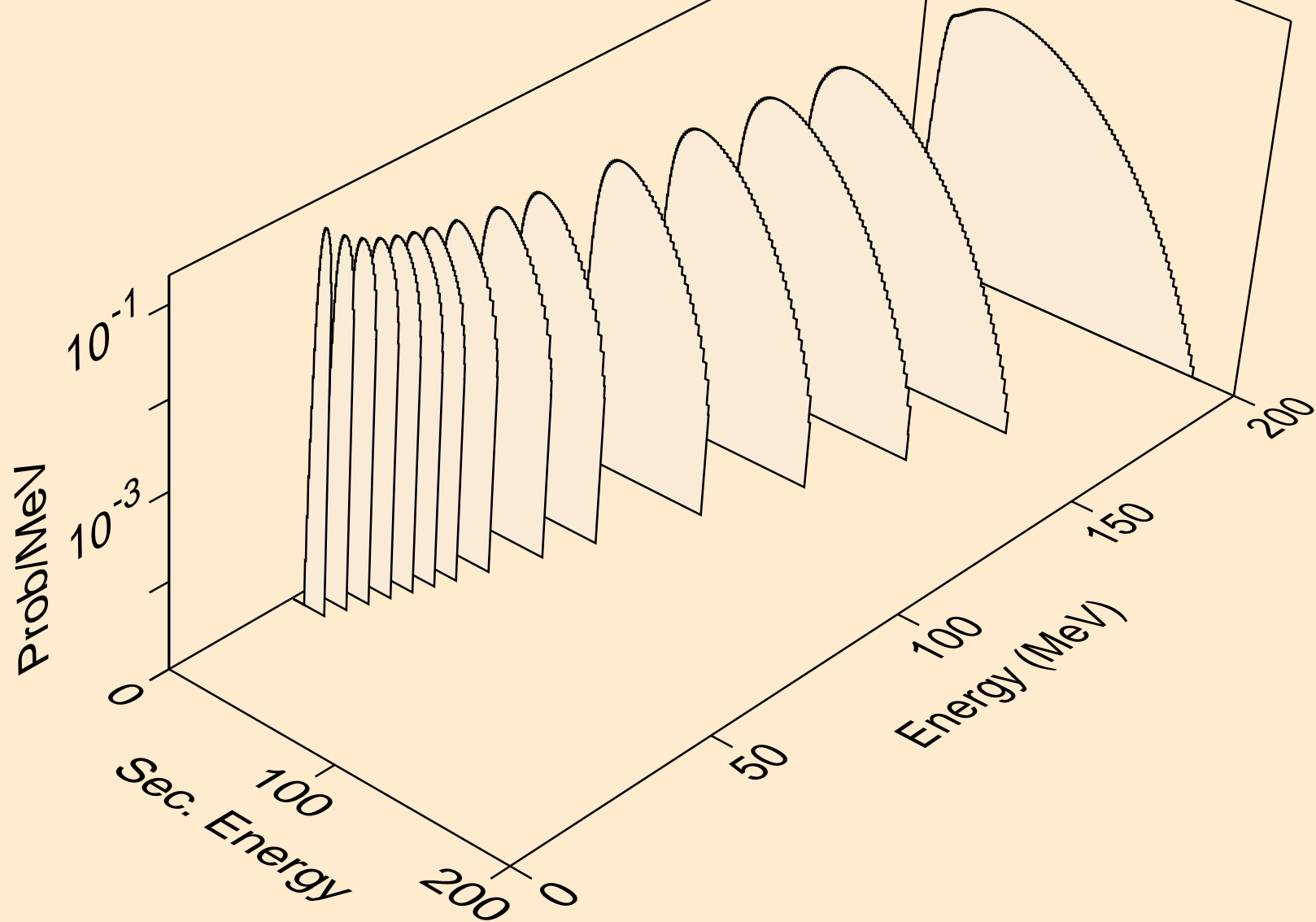




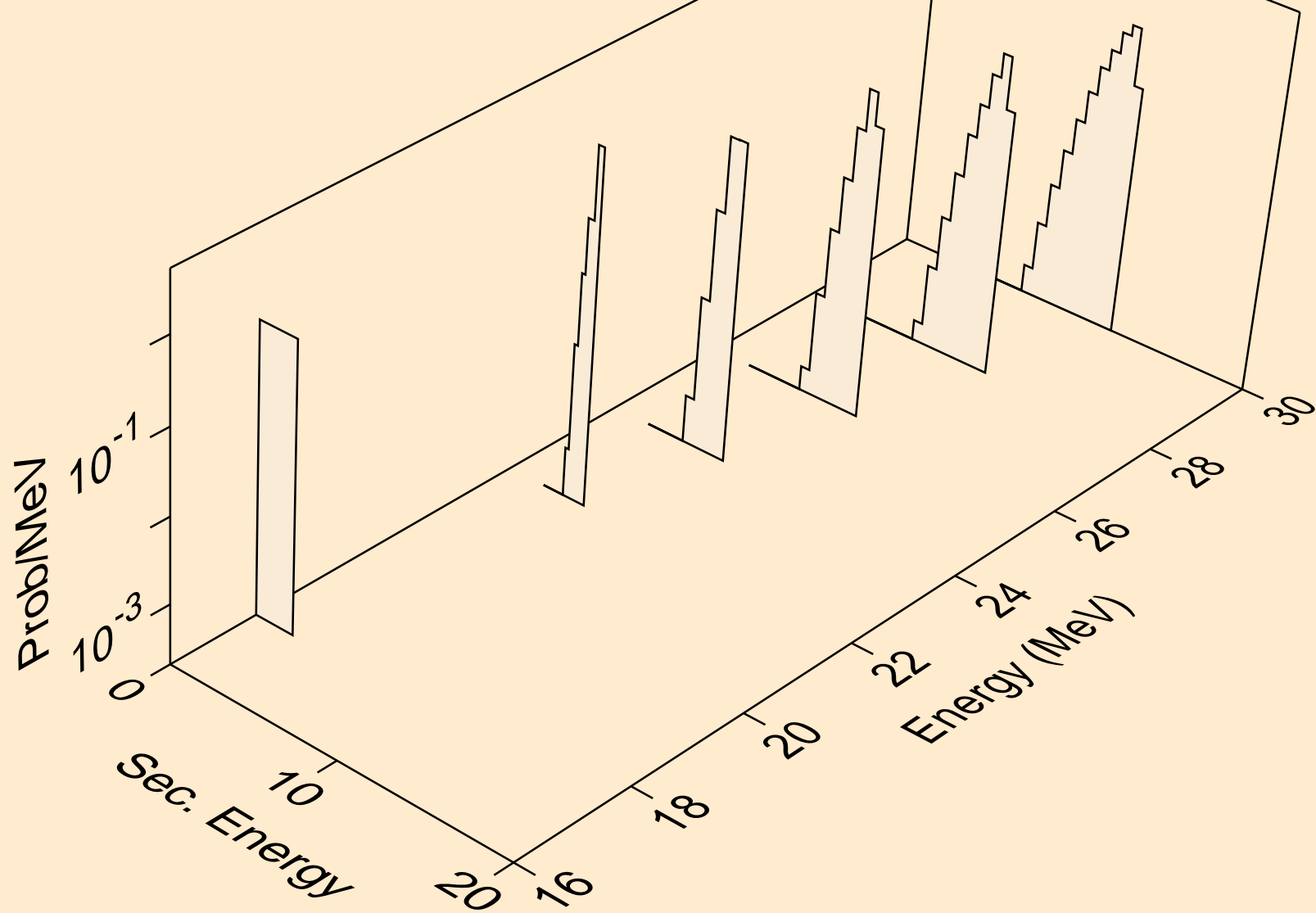
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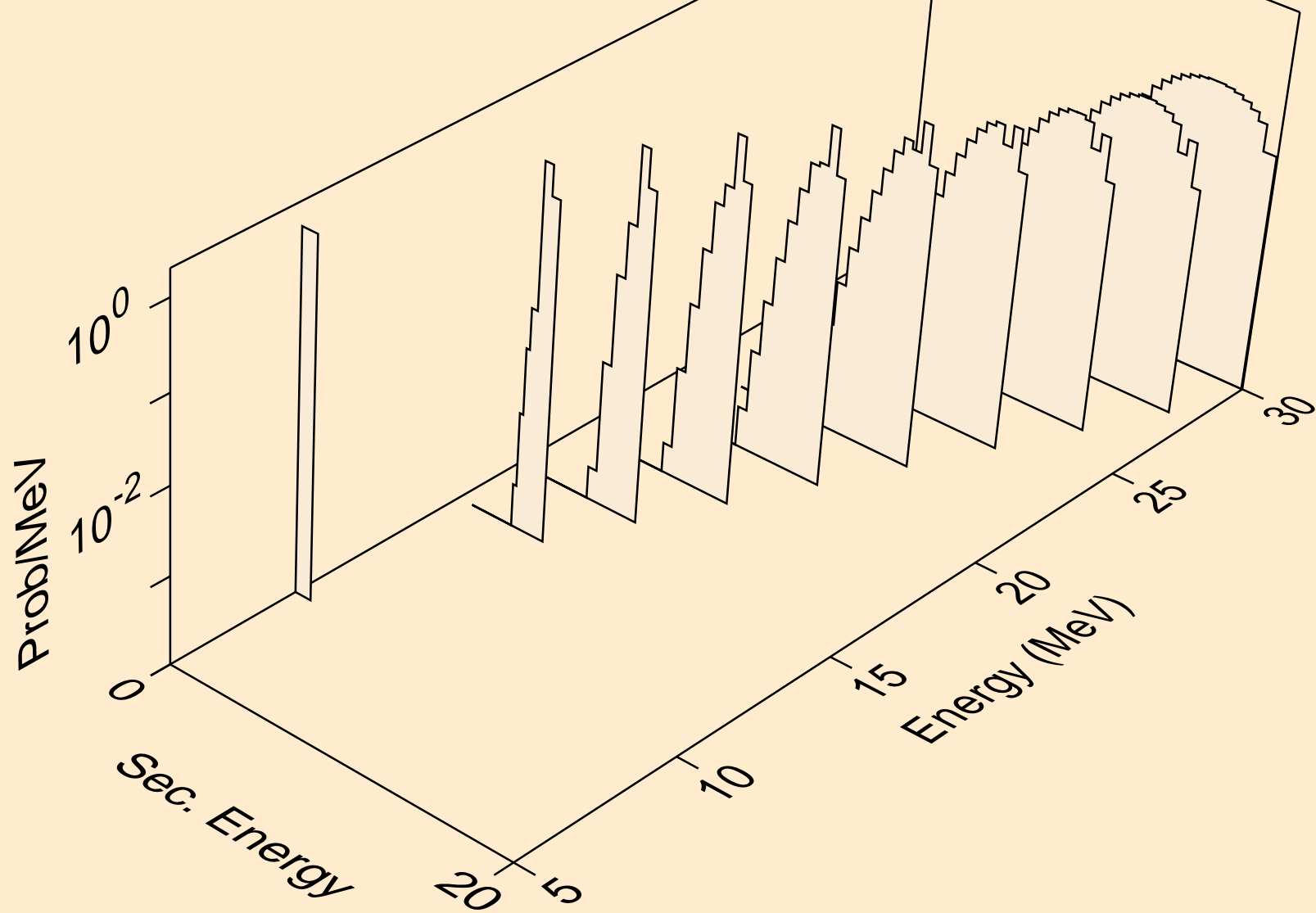
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



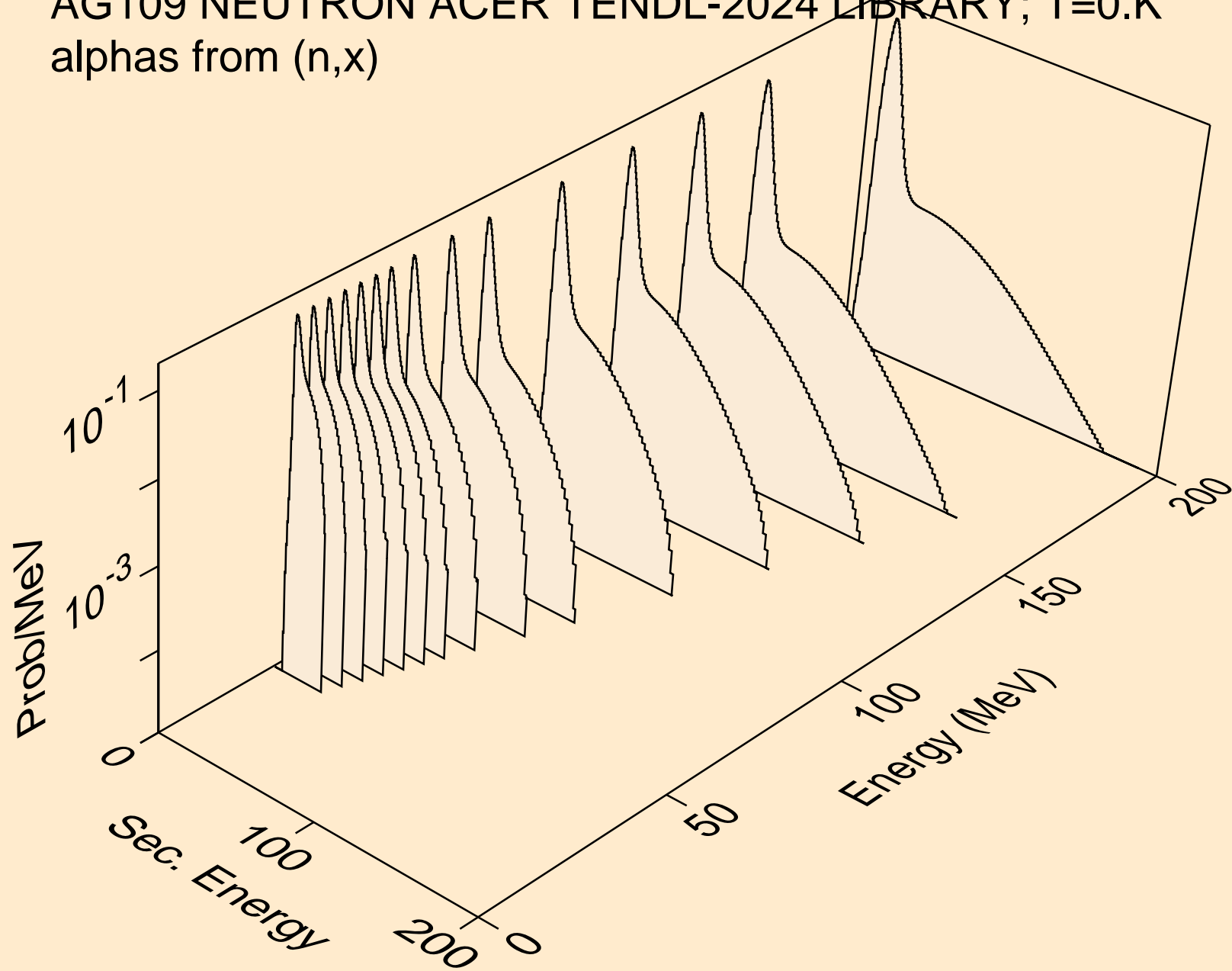
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he3s from (n,n\*)he3



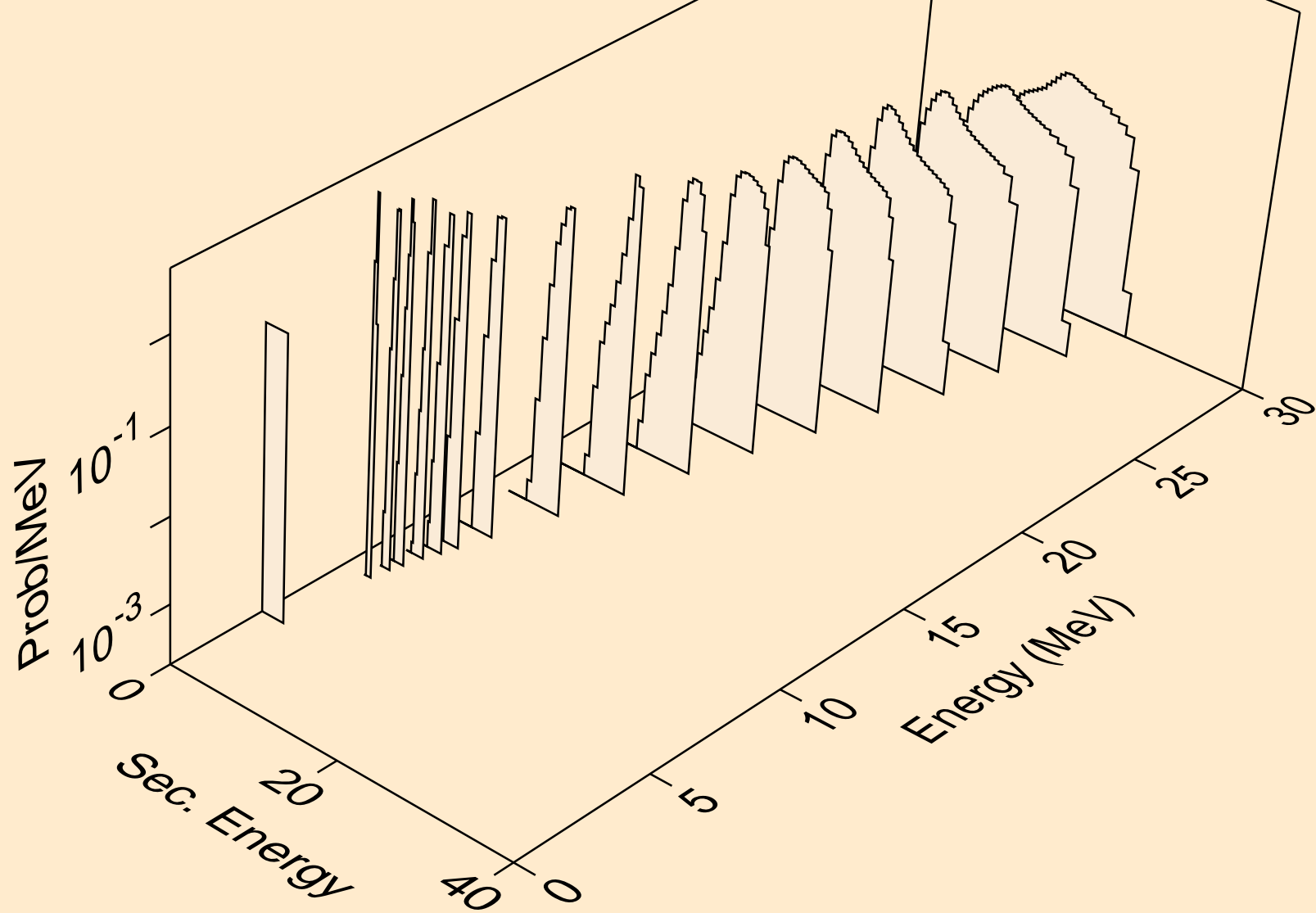
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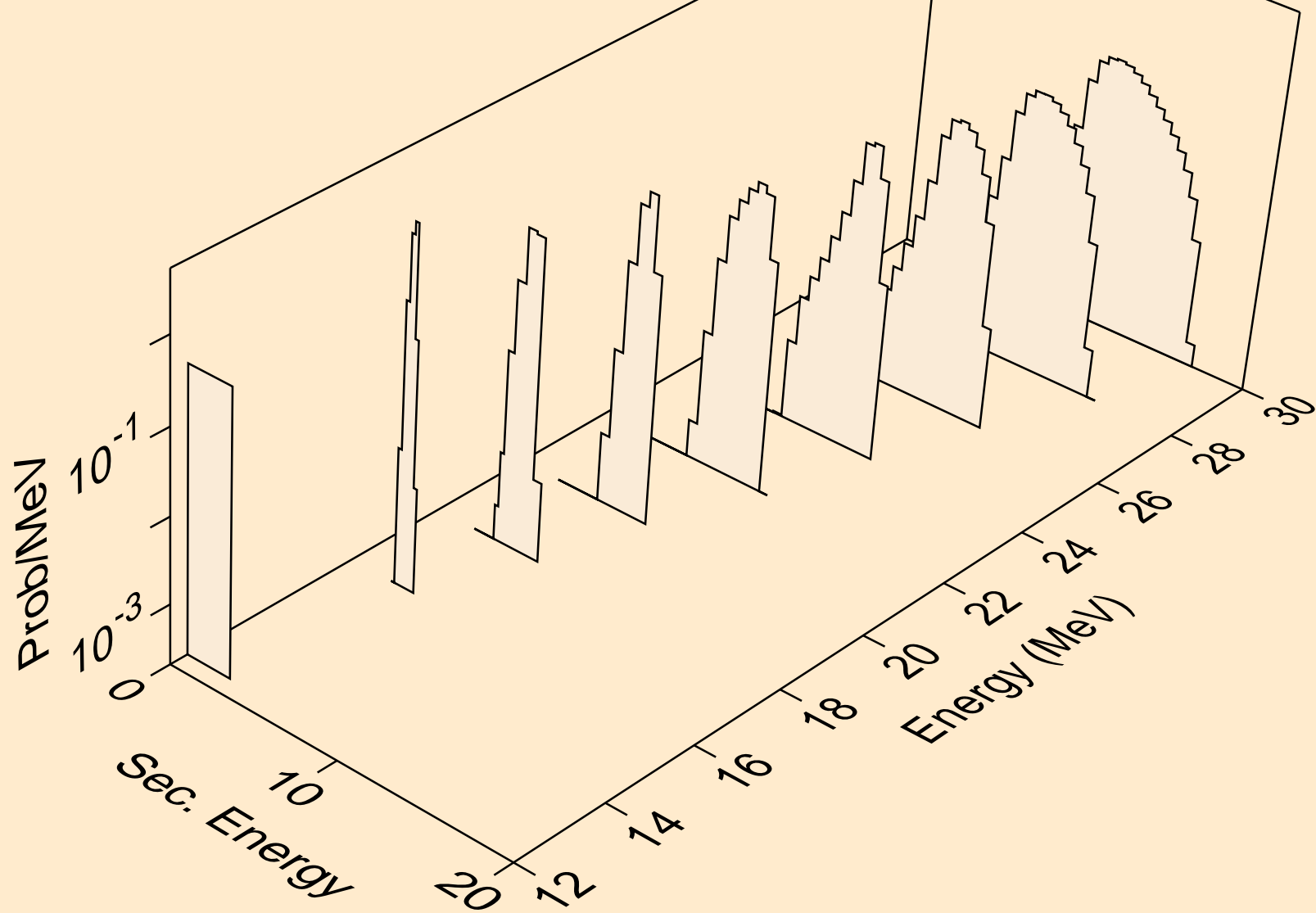
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



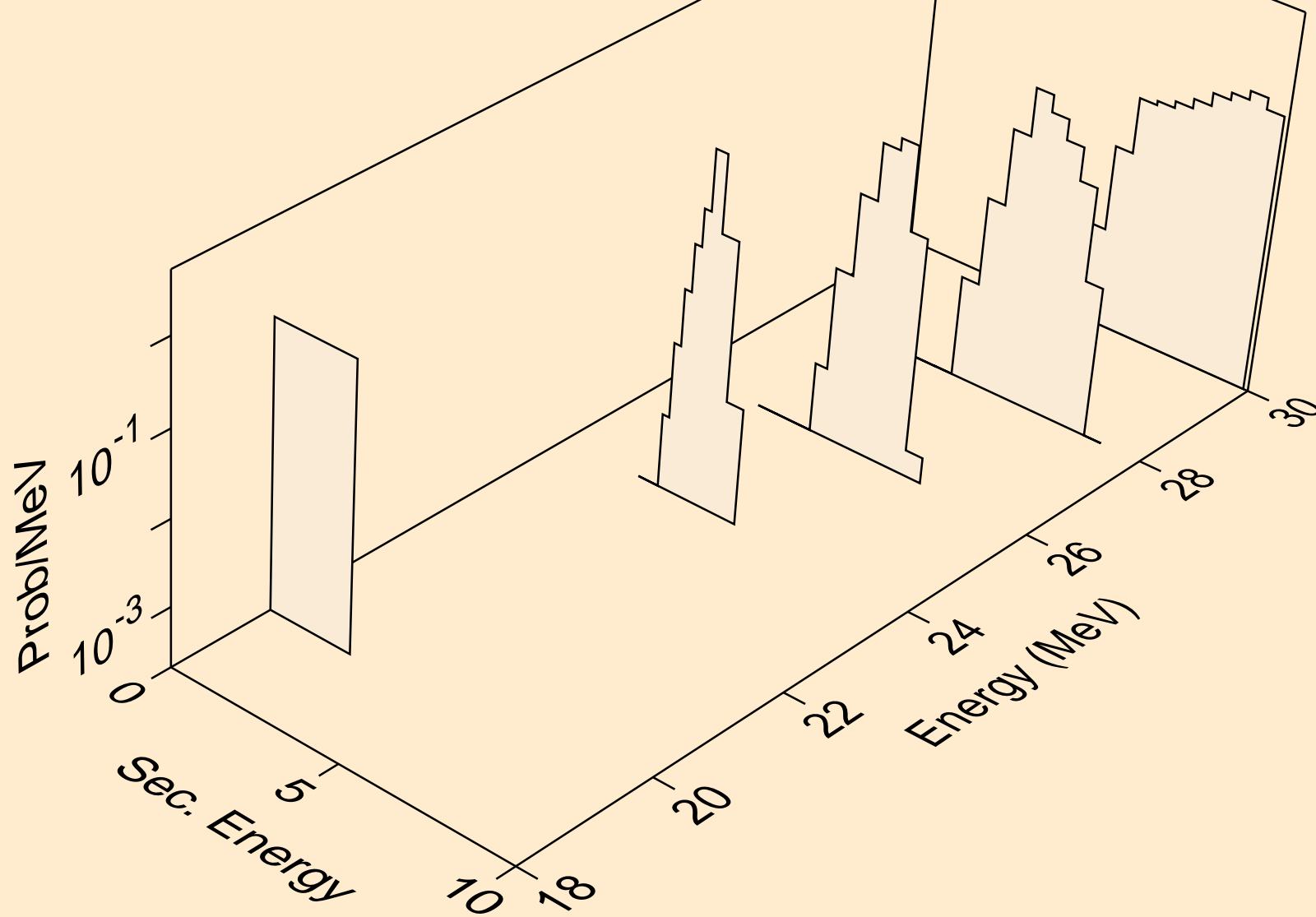
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

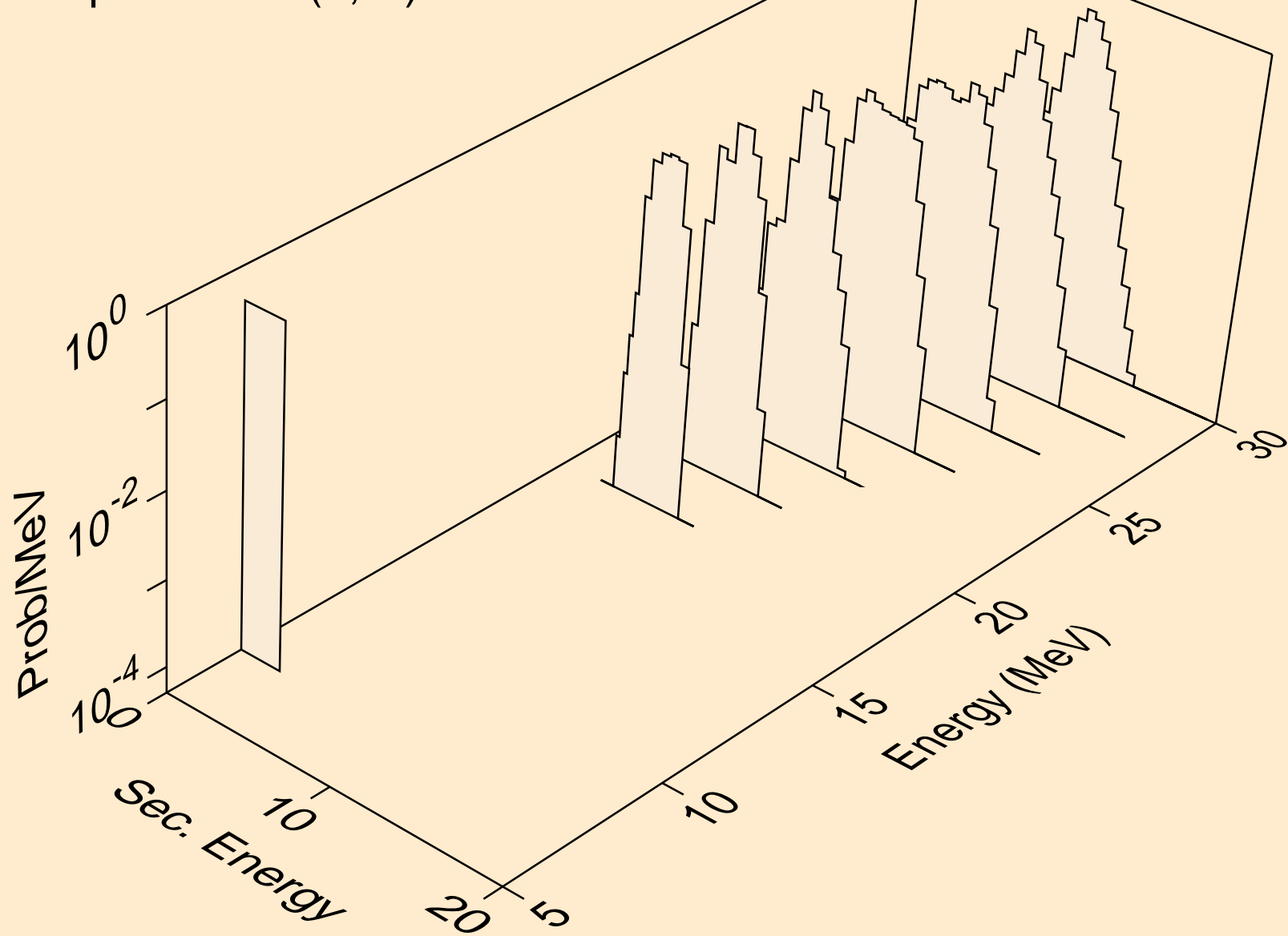


AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

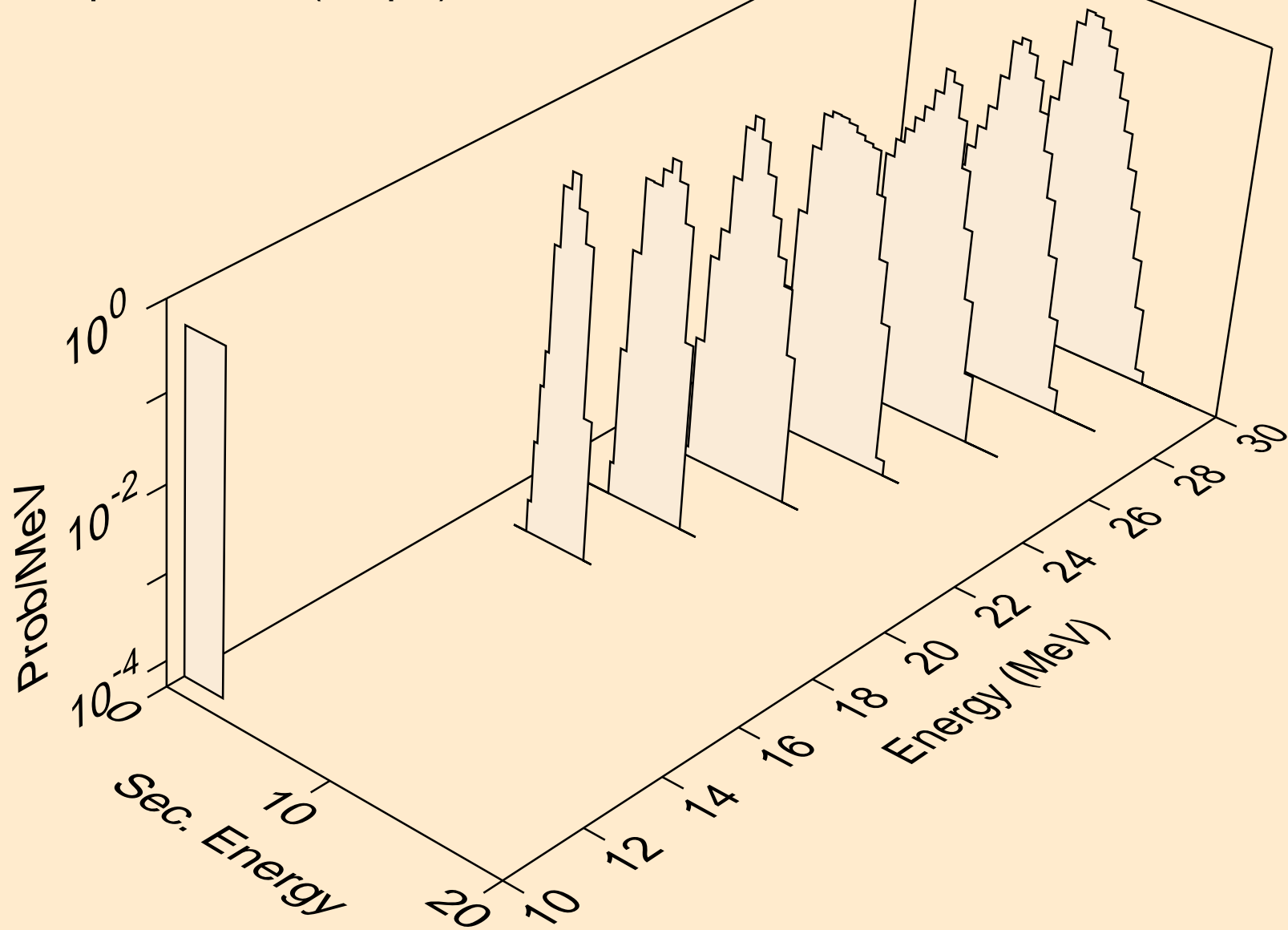




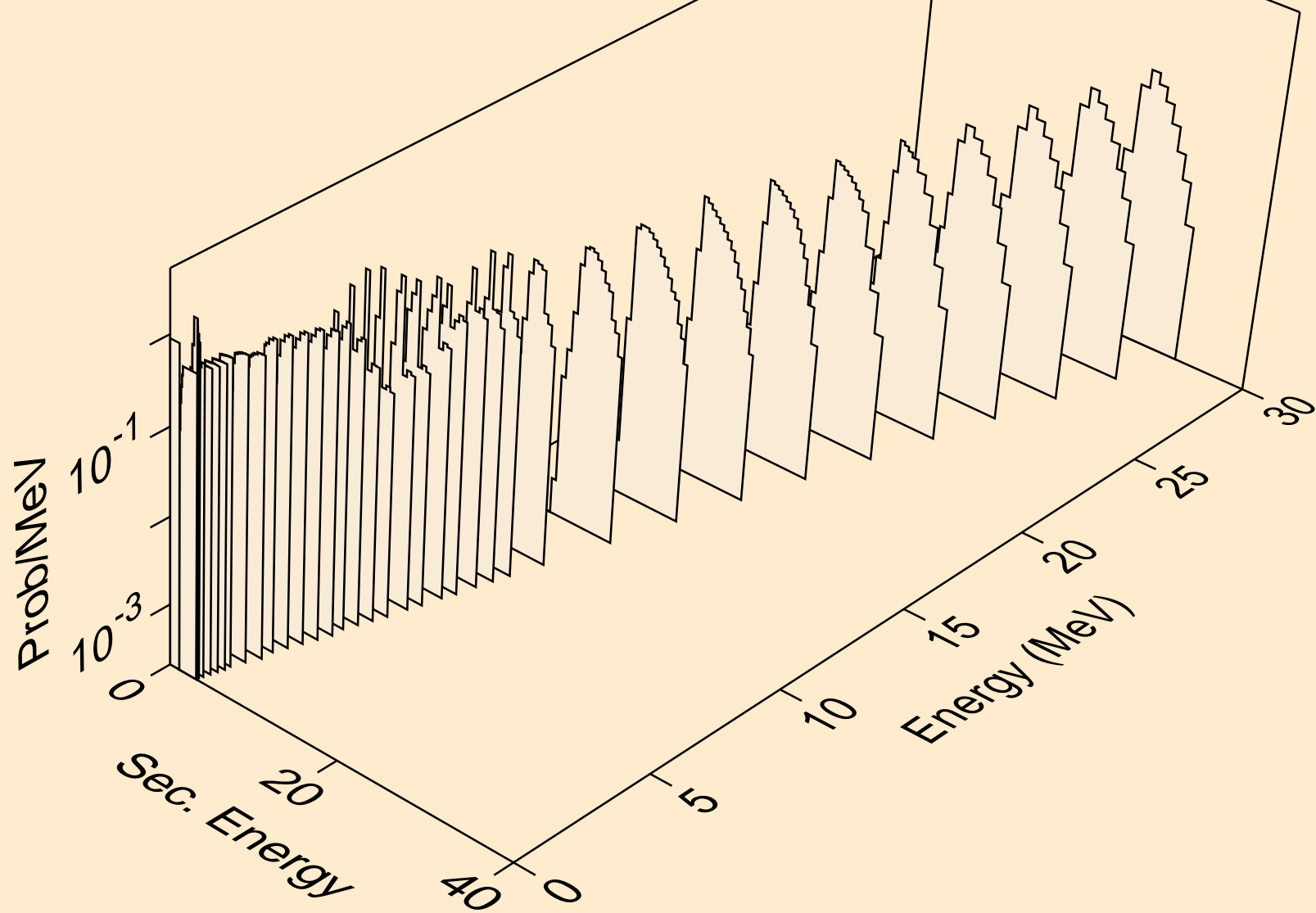
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



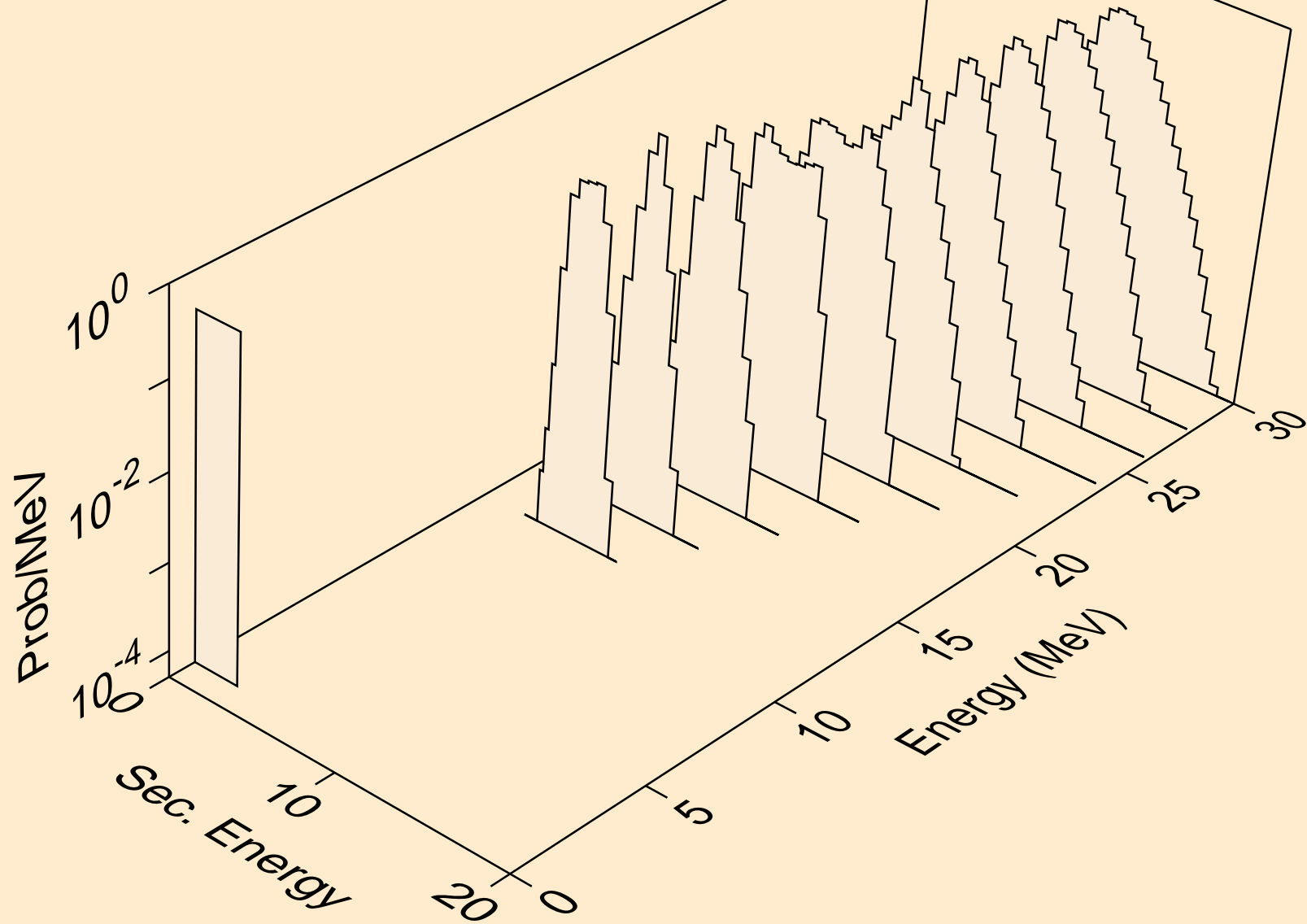
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



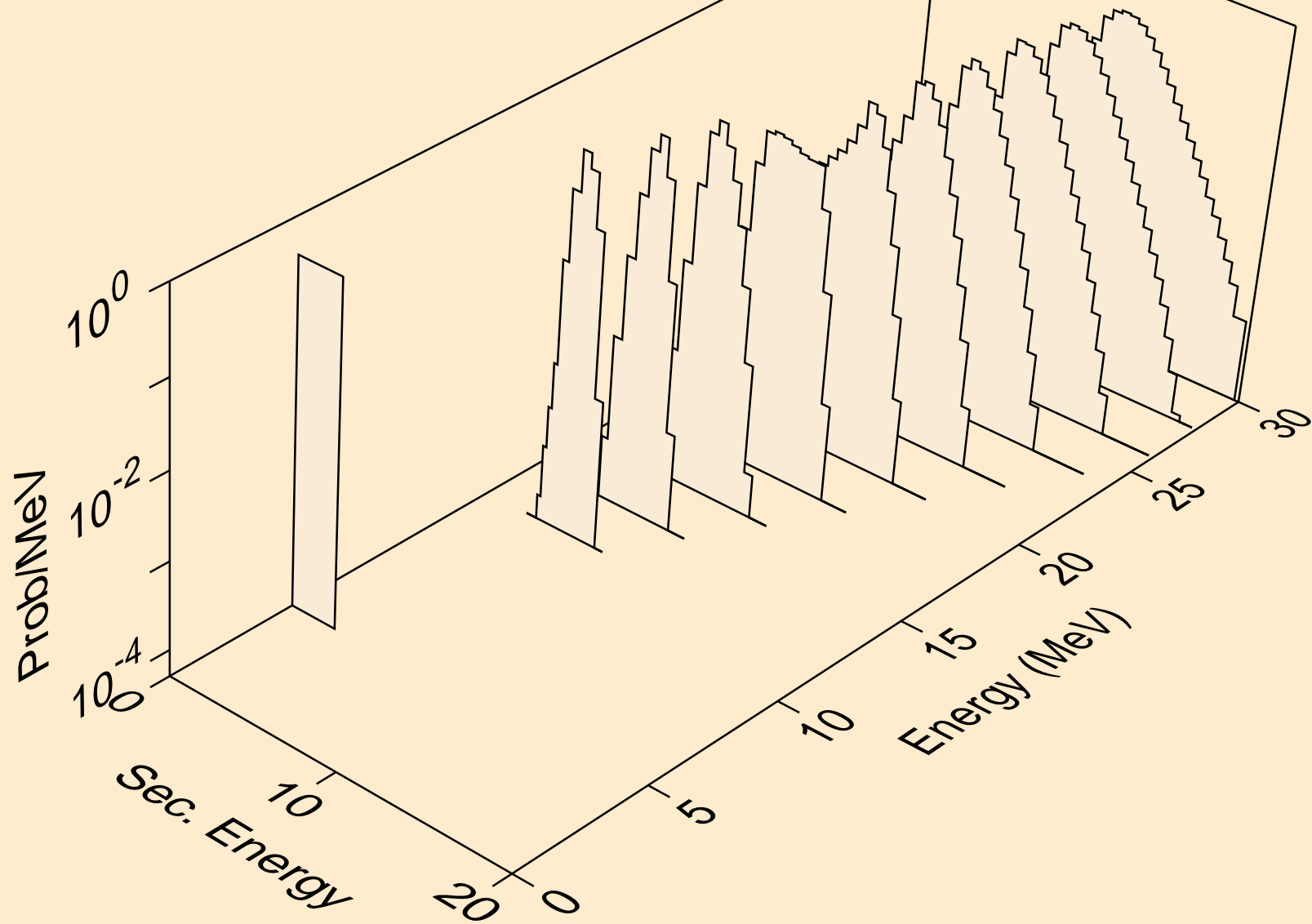
AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



AG109 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

