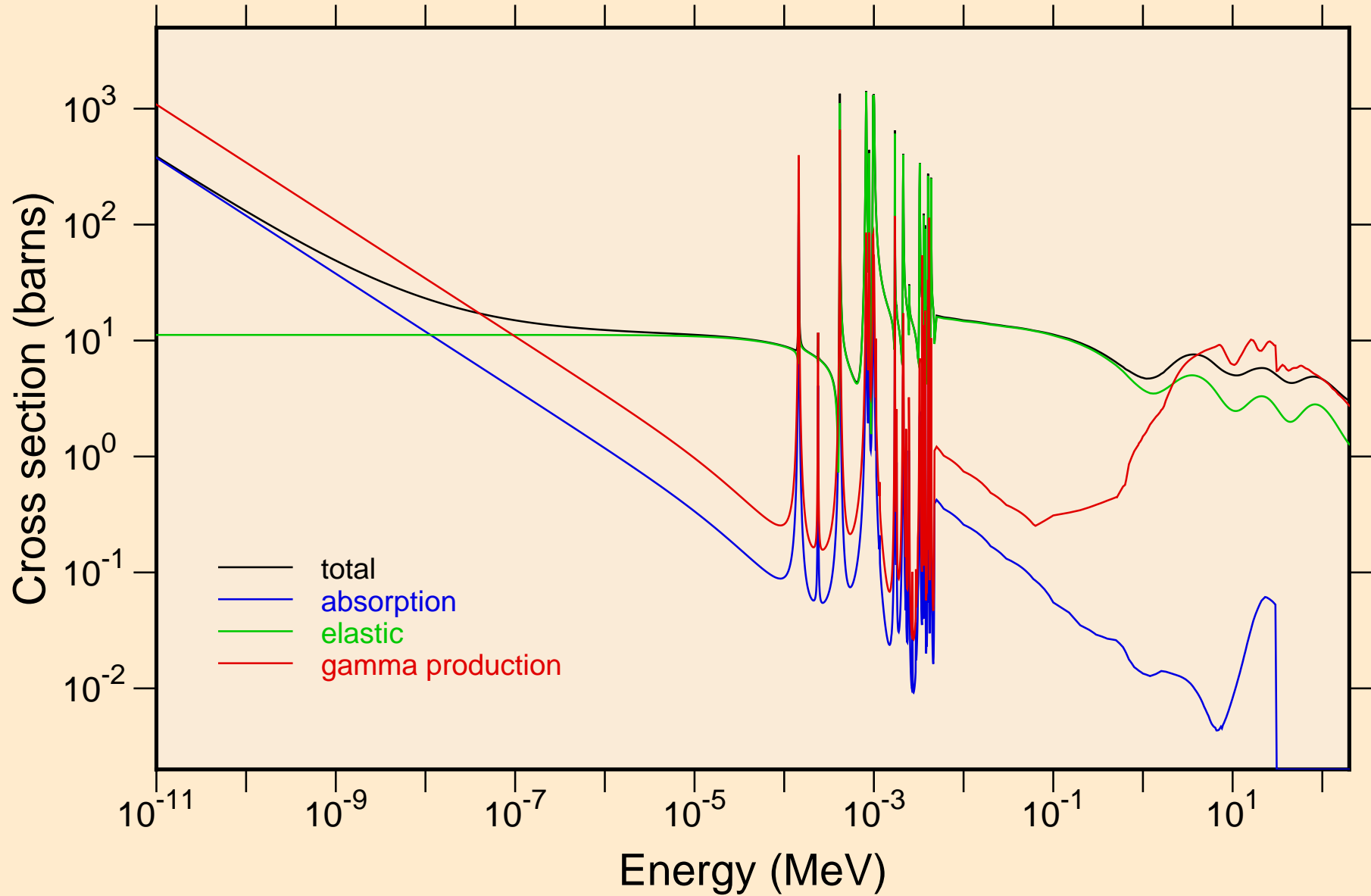


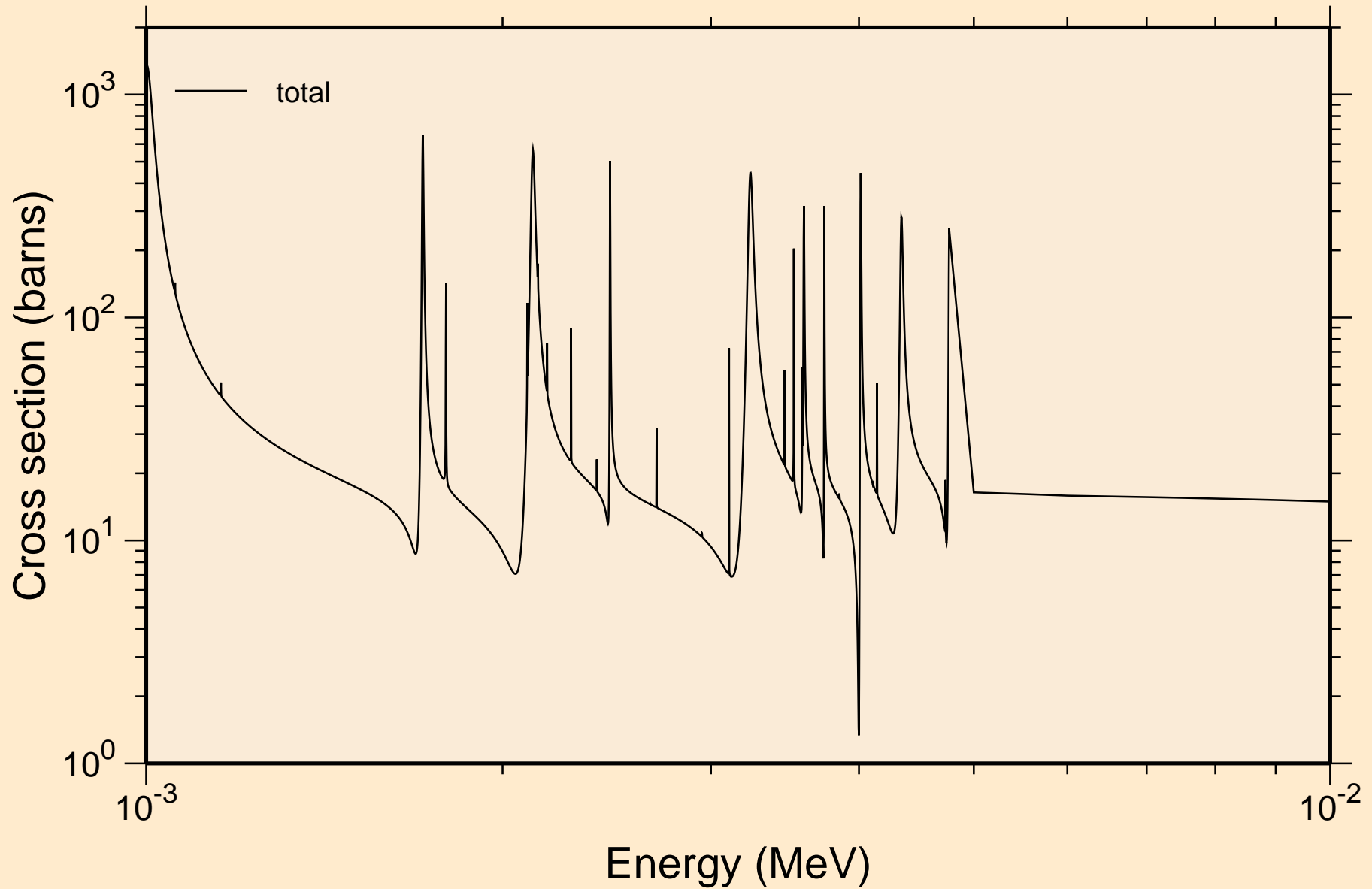
# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

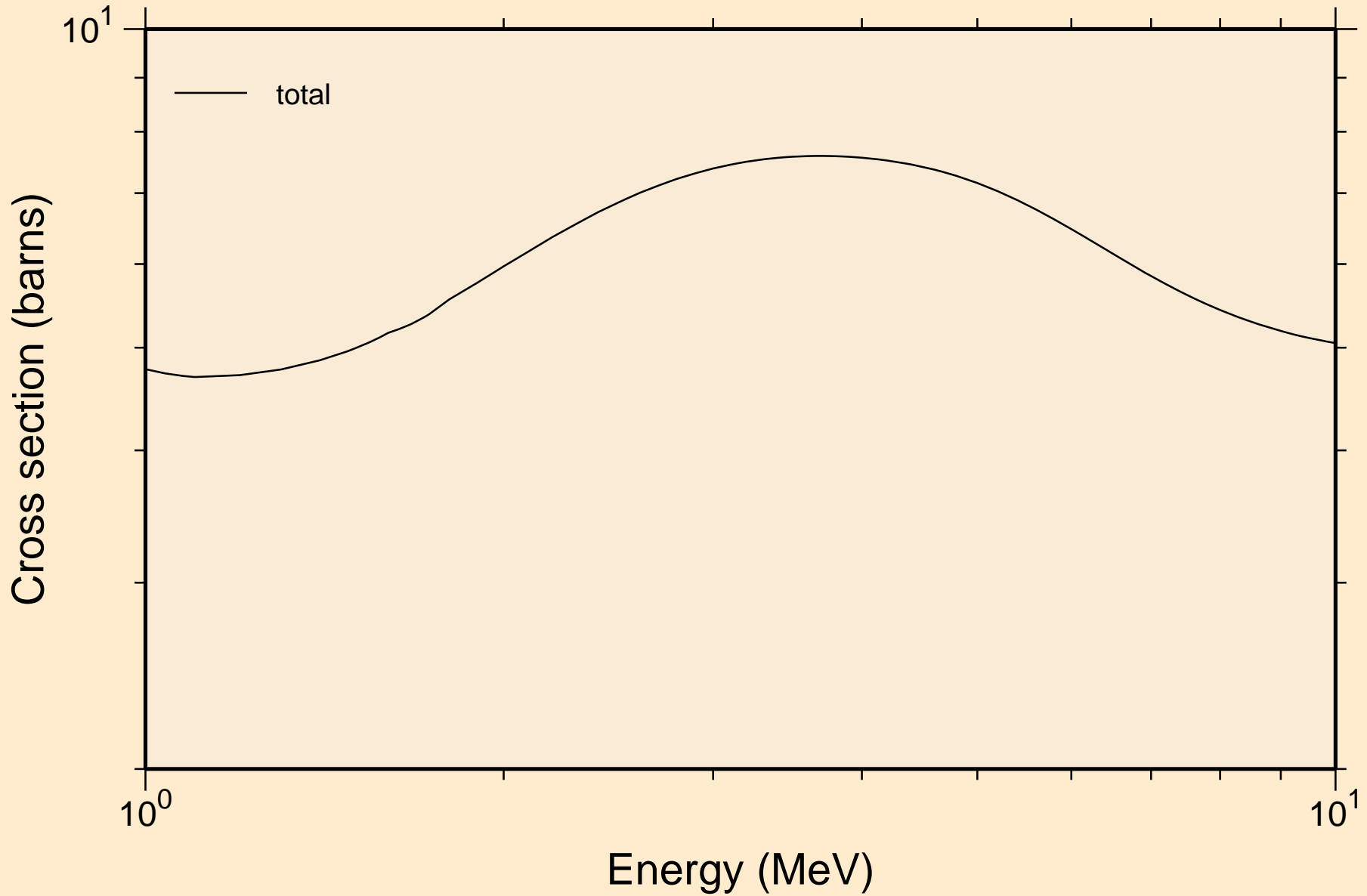




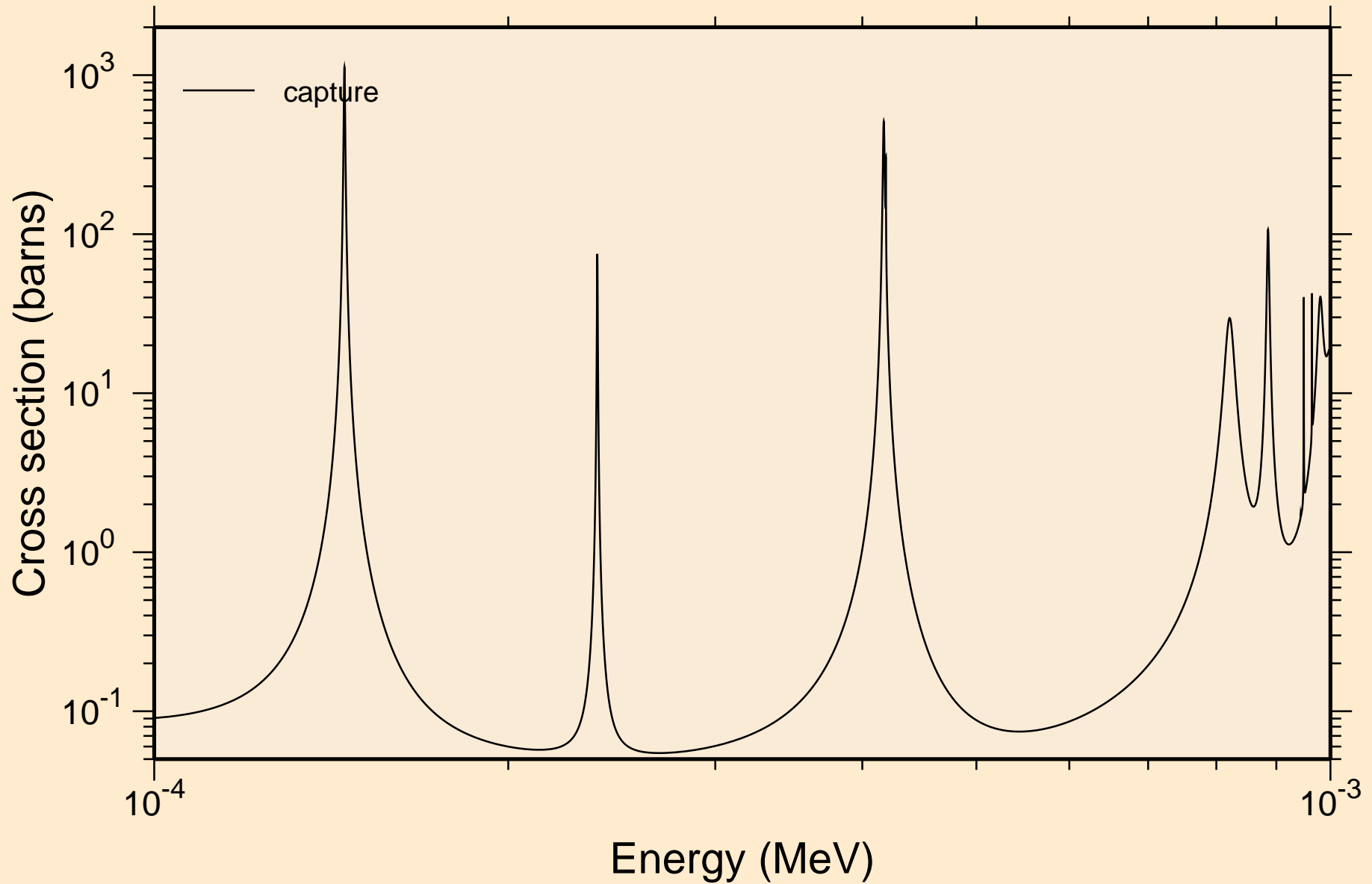
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



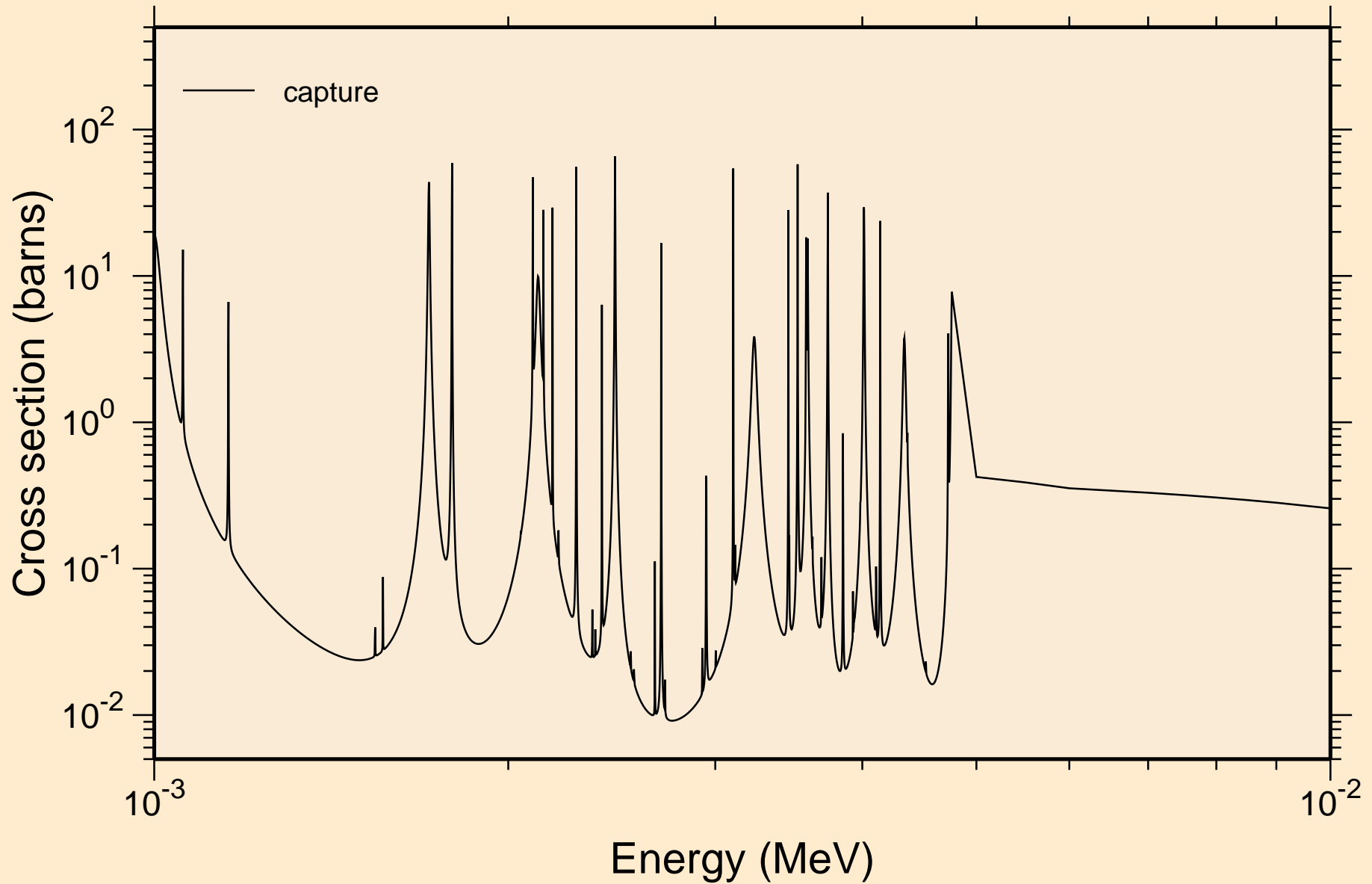
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



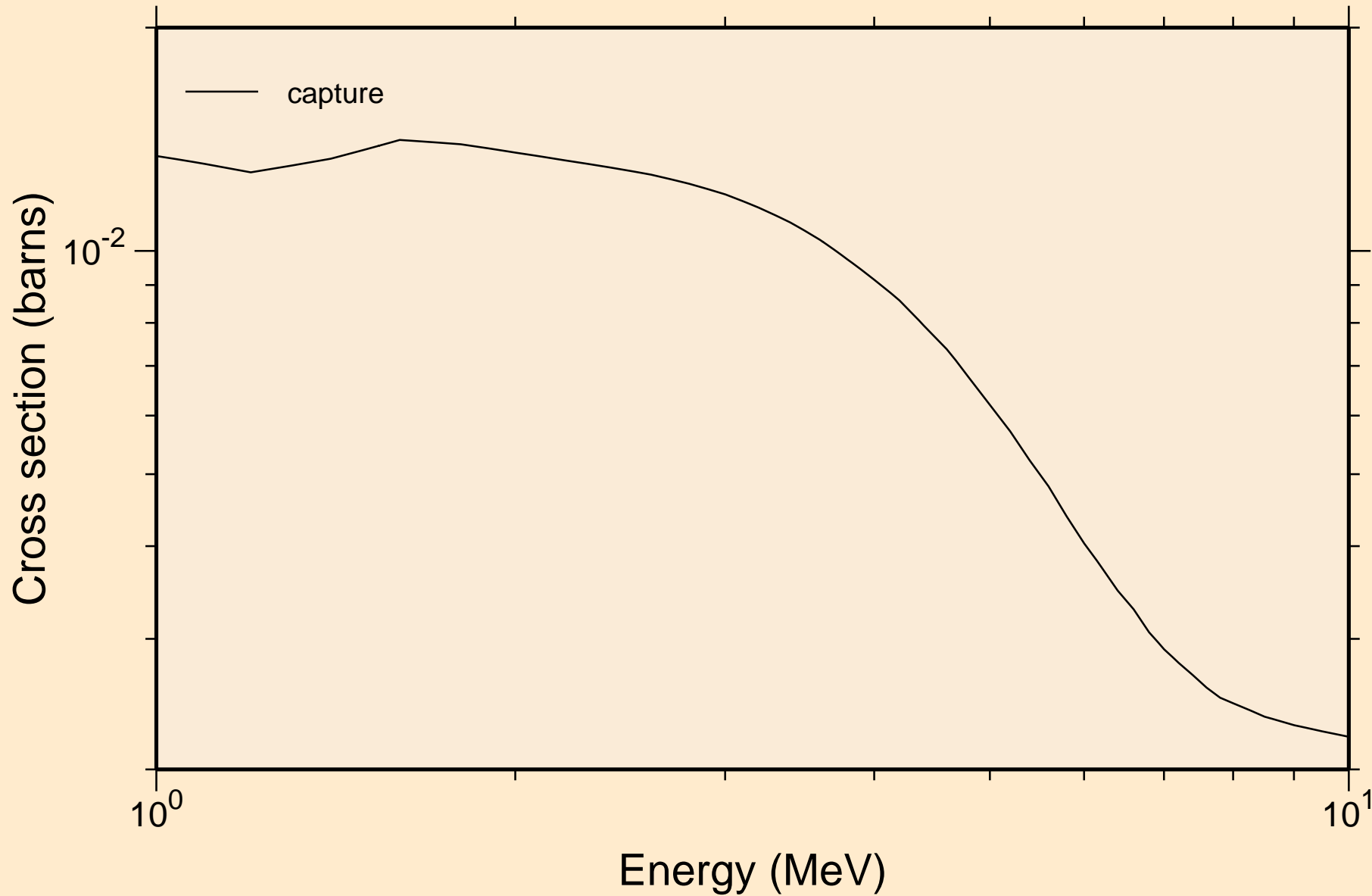
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

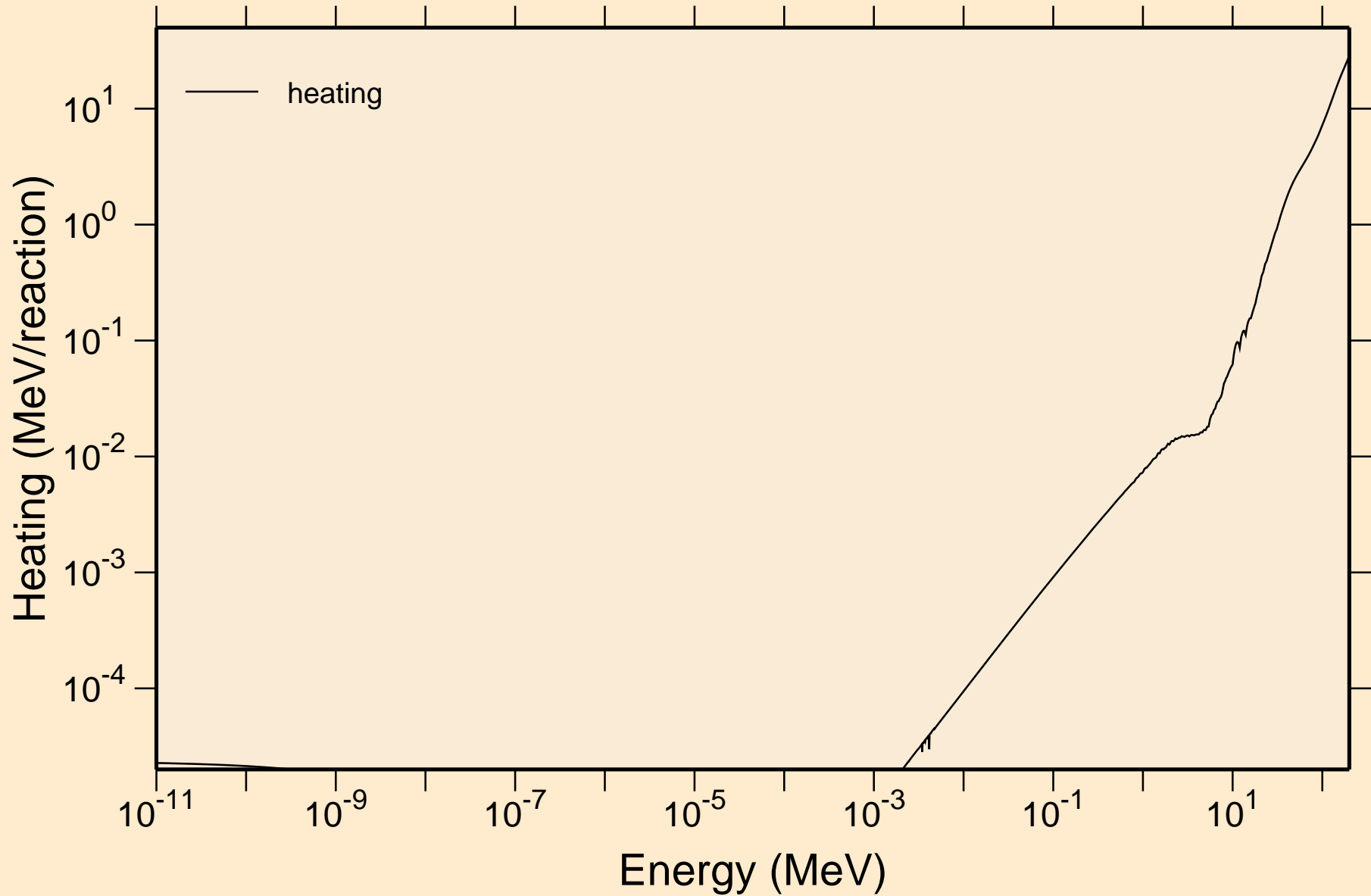


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

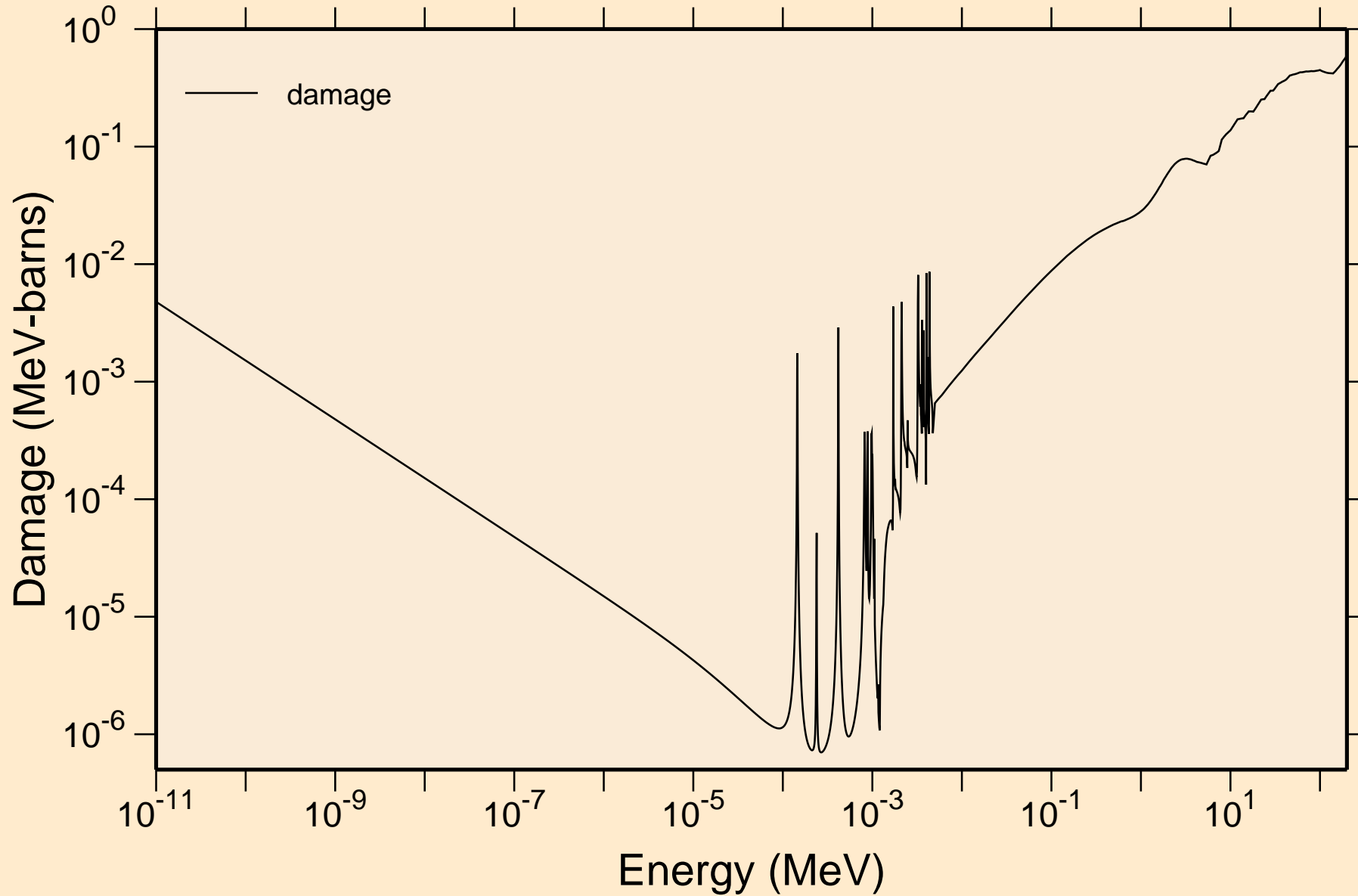
## Heating





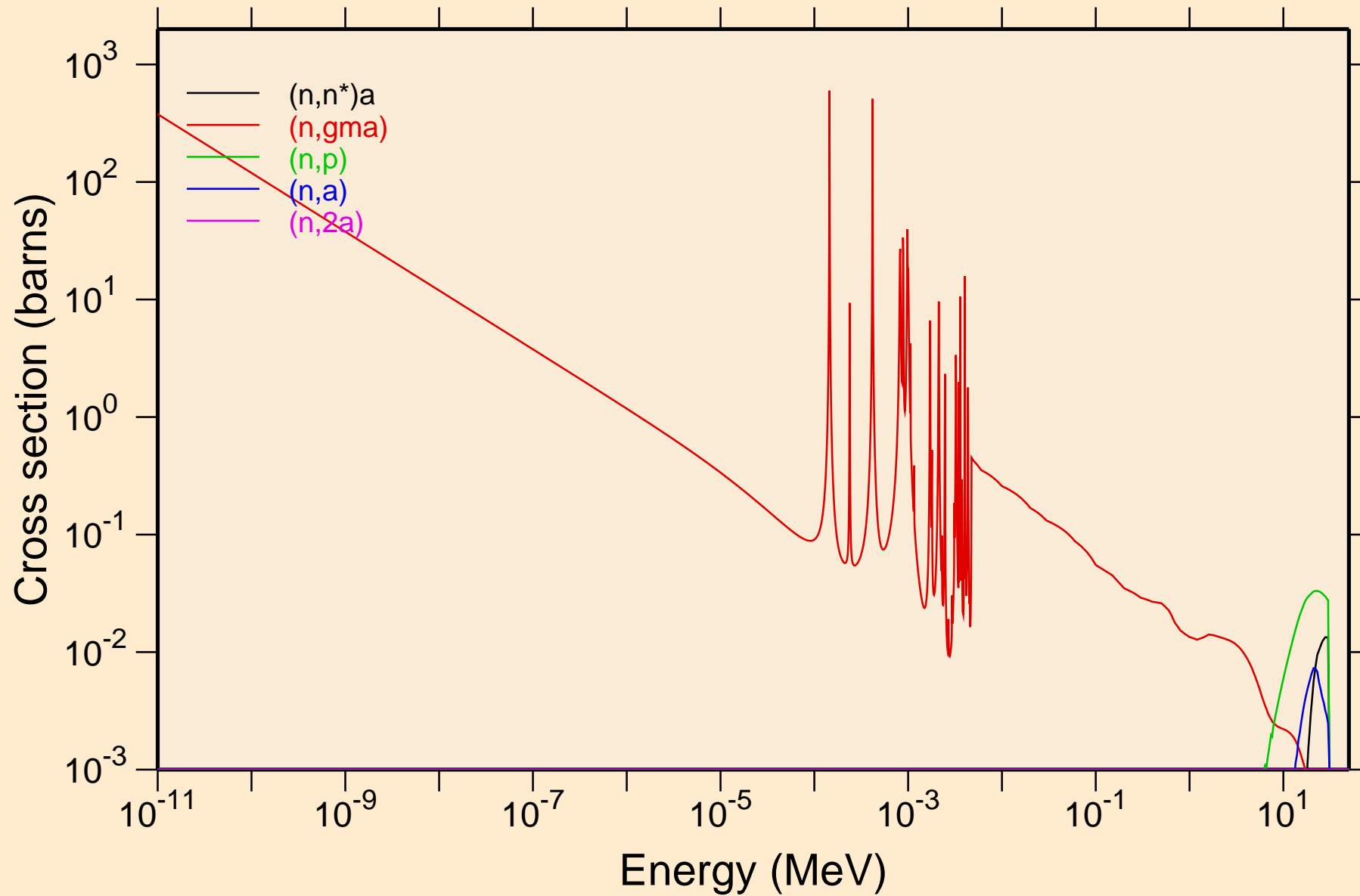
# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

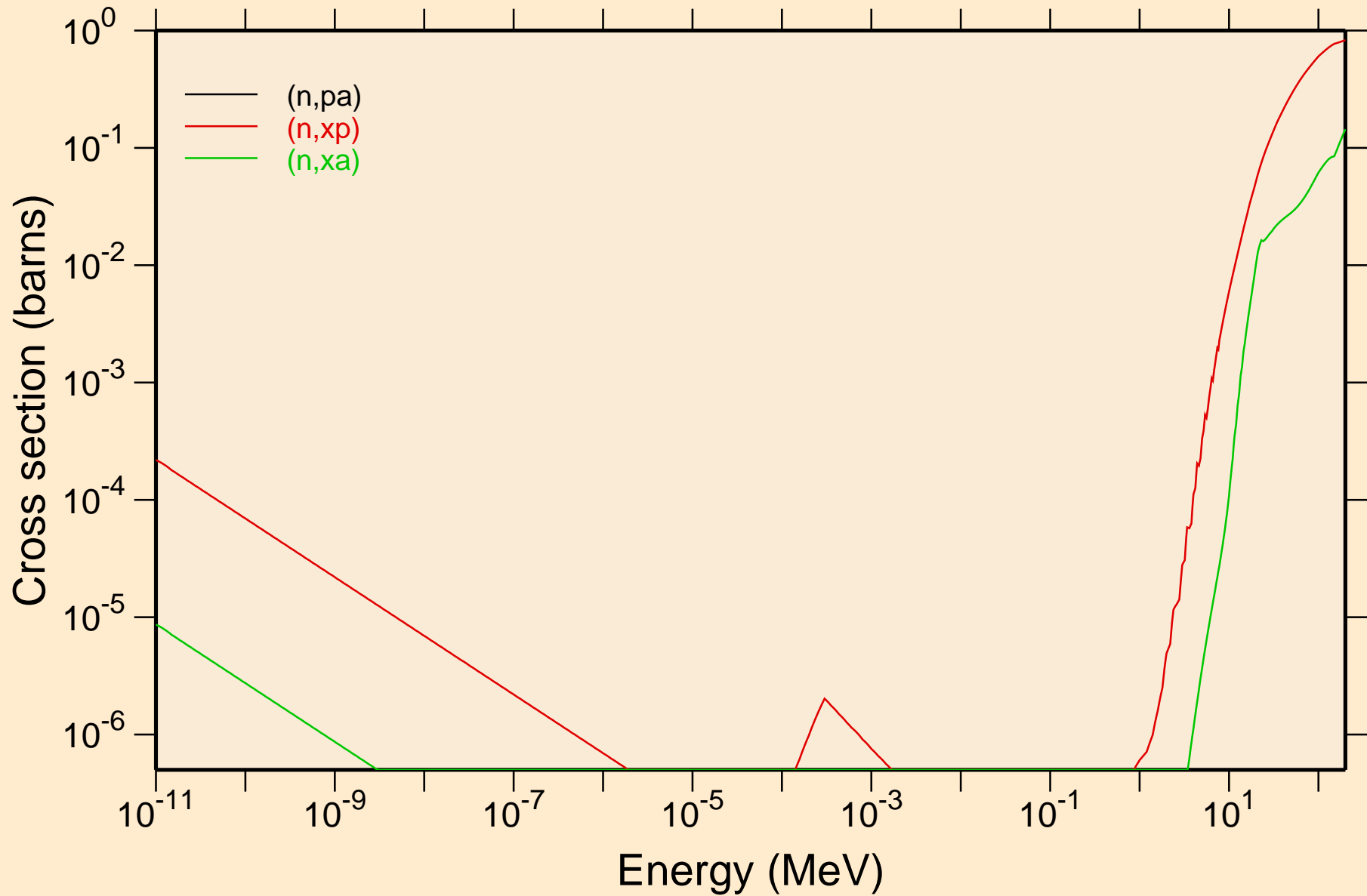


# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

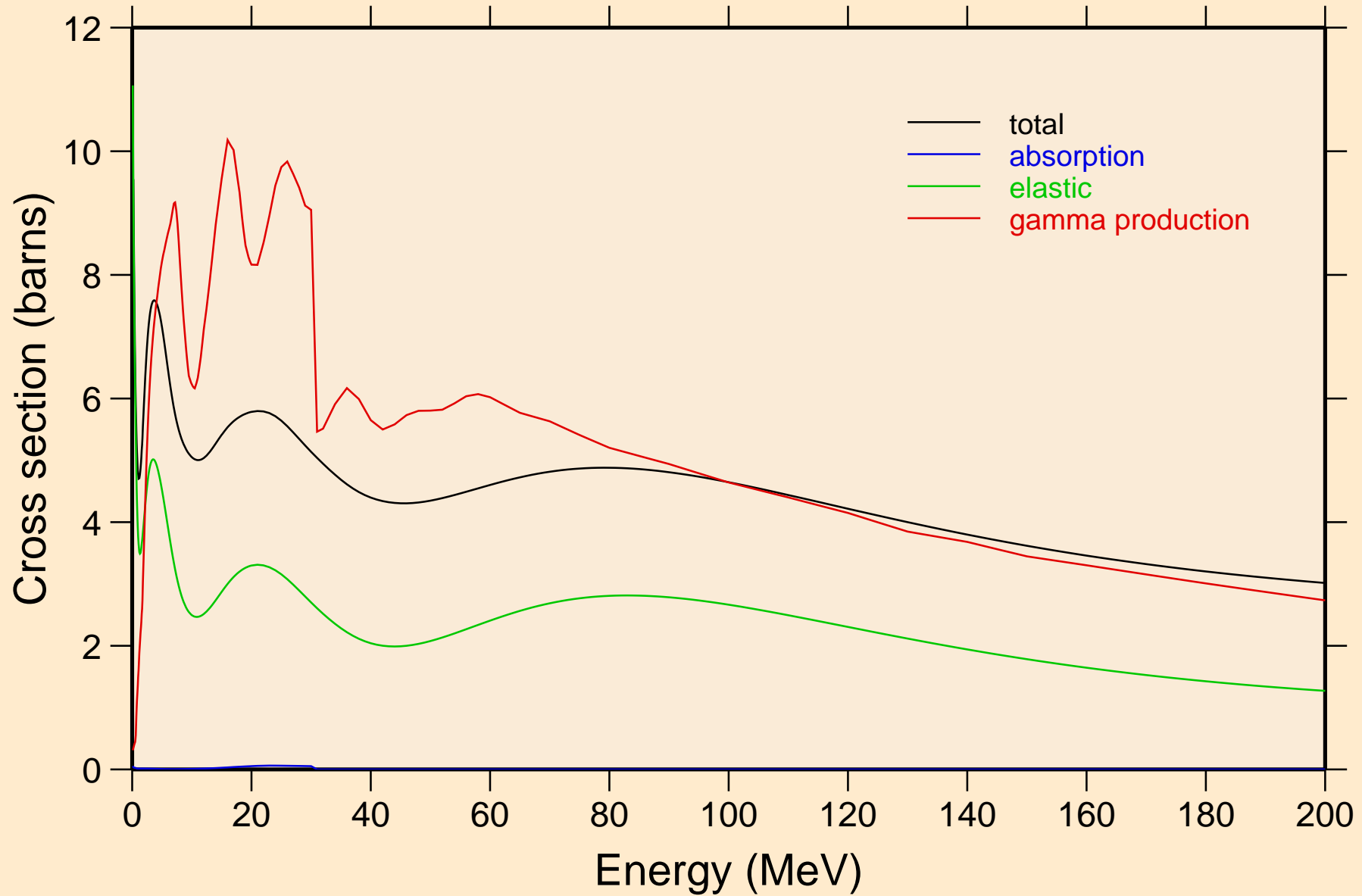


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



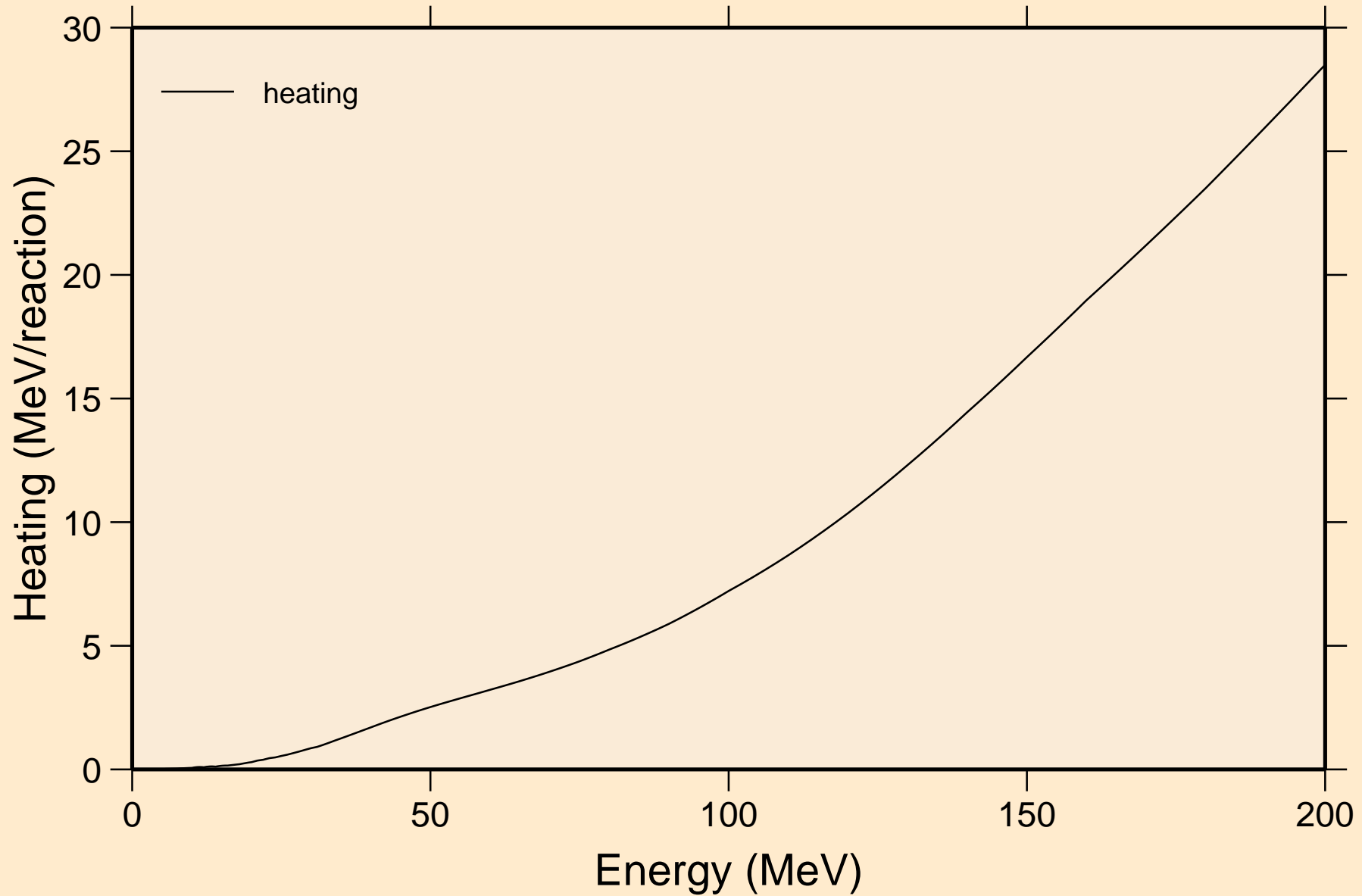
# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

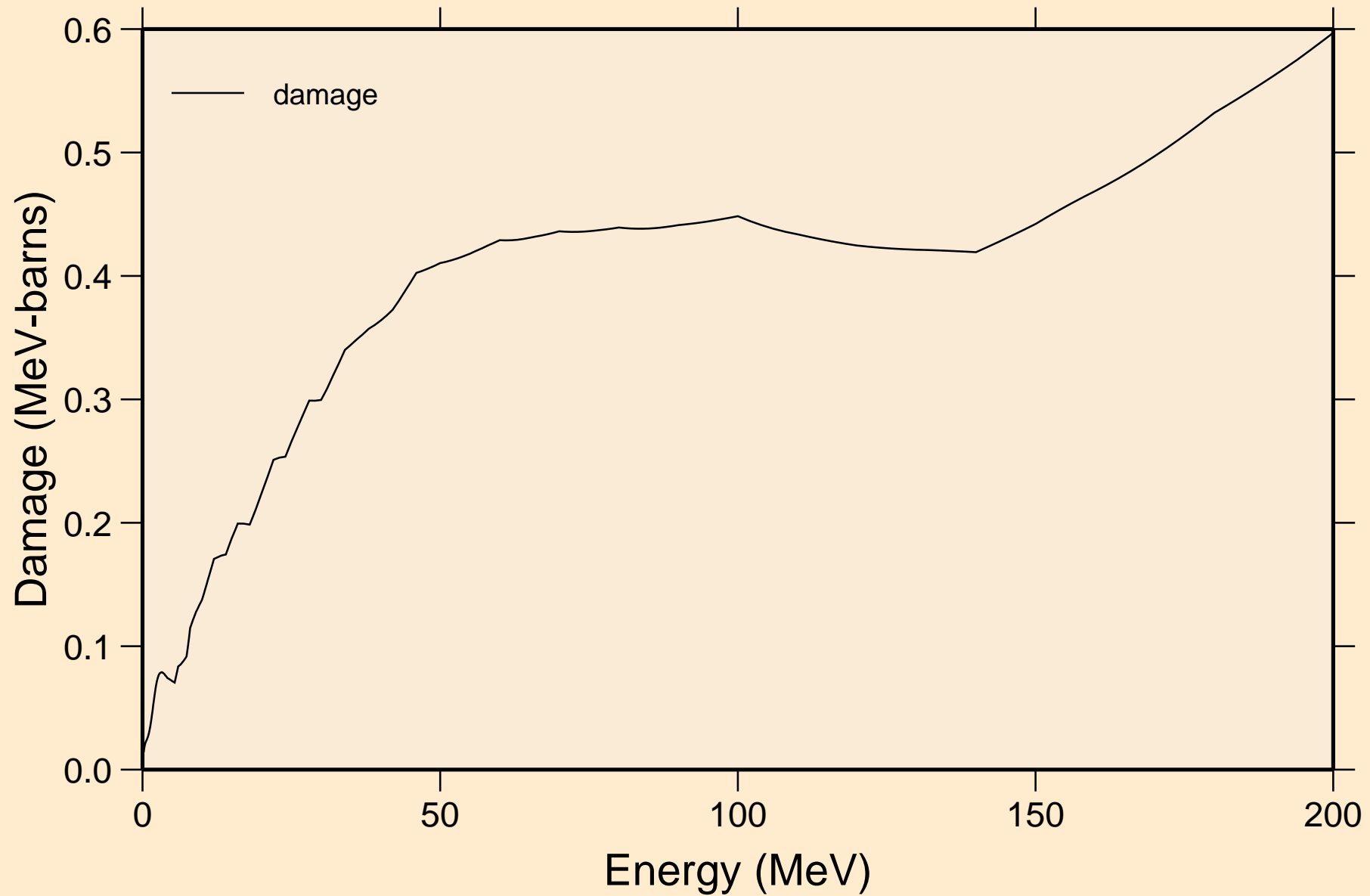


# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

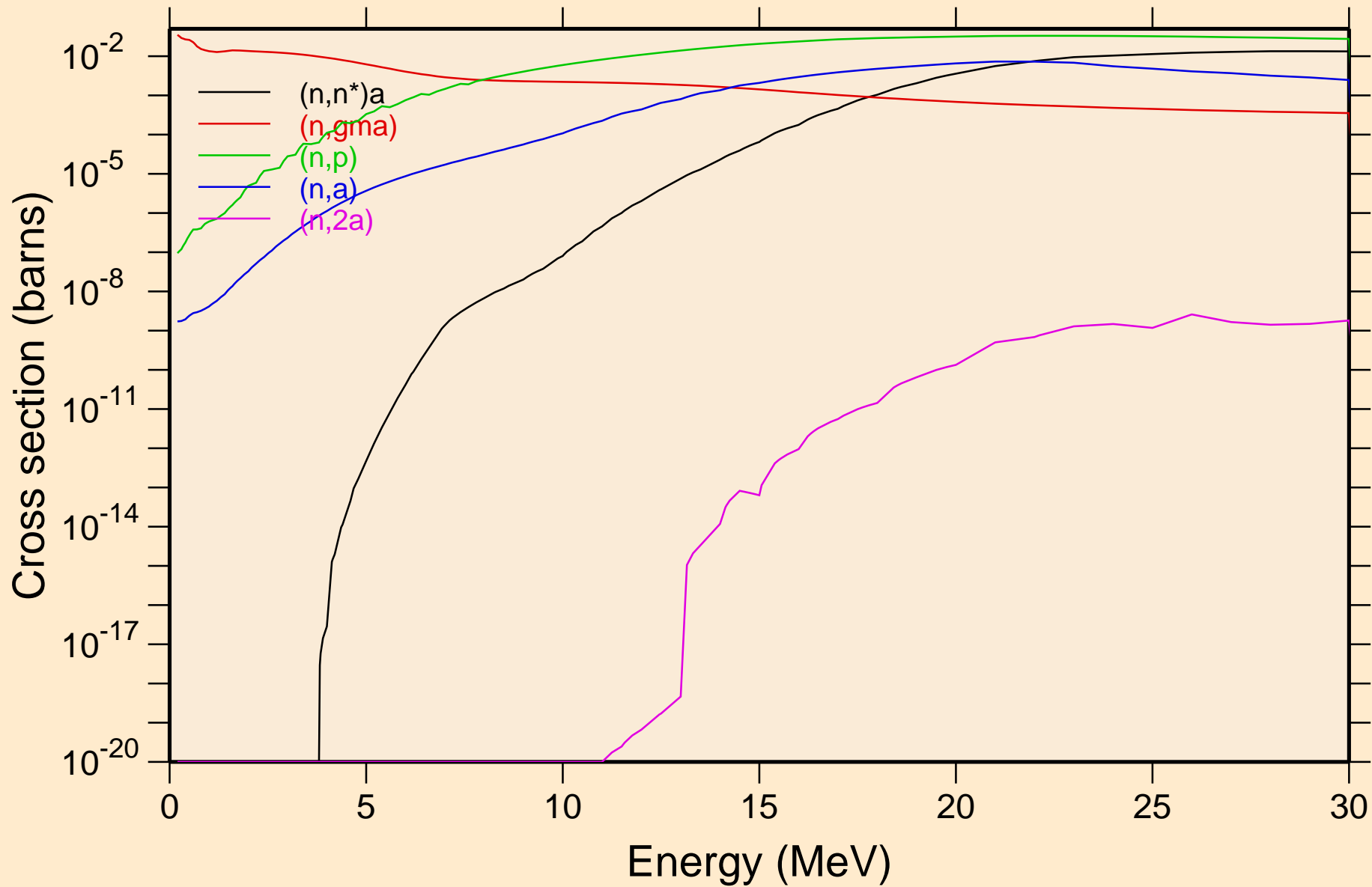
## Heating



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

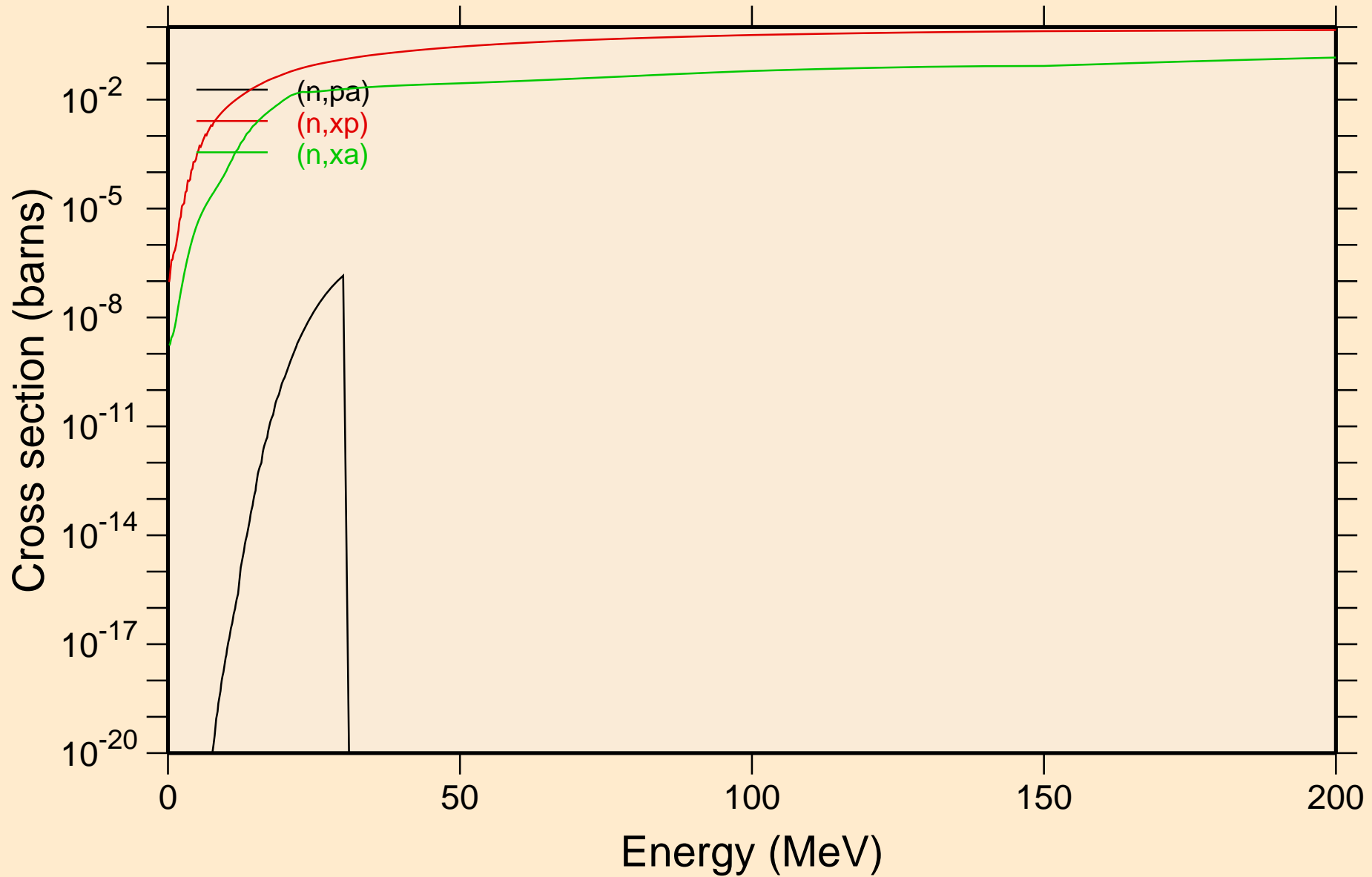


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



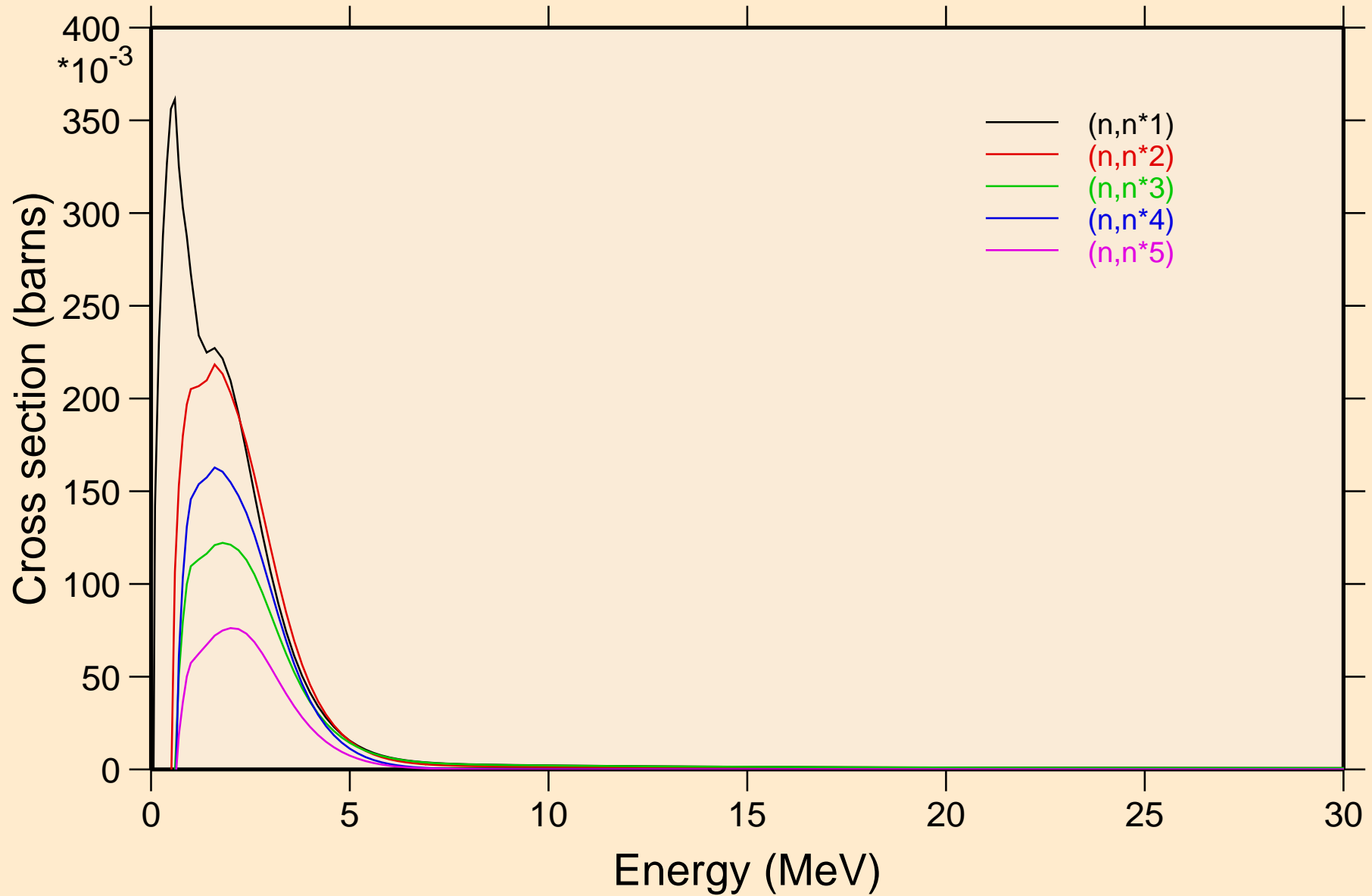
# BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

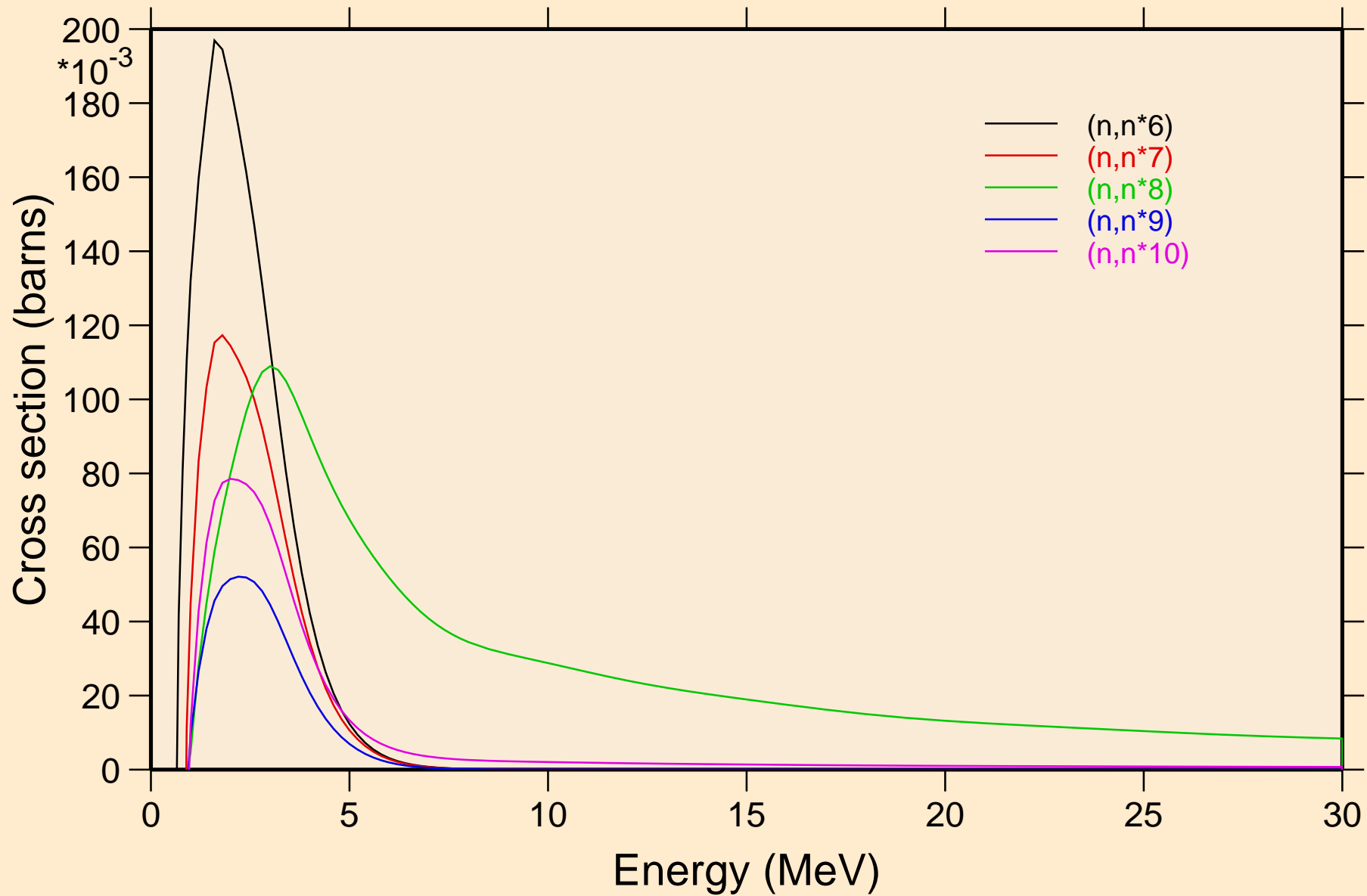




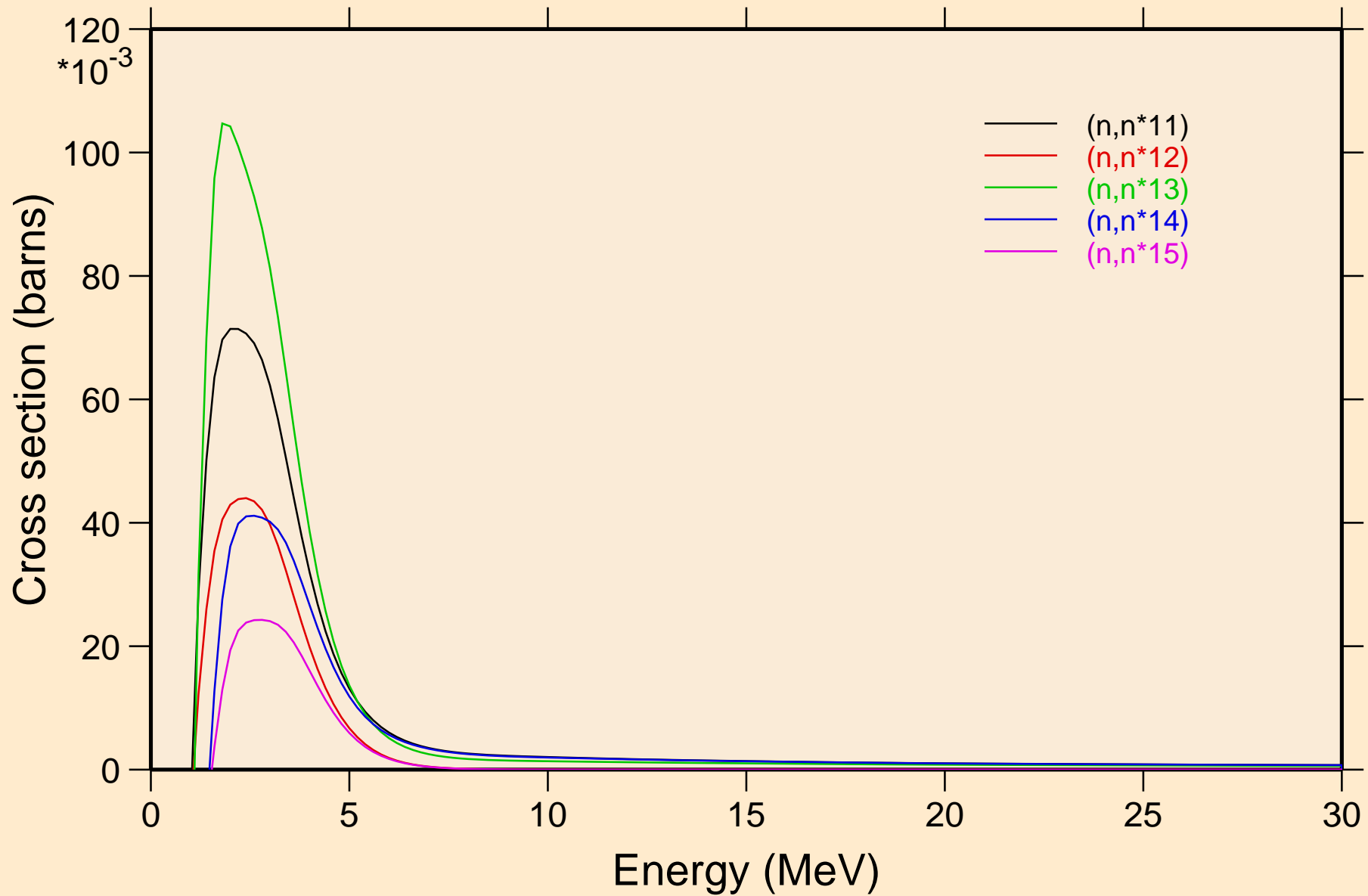
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



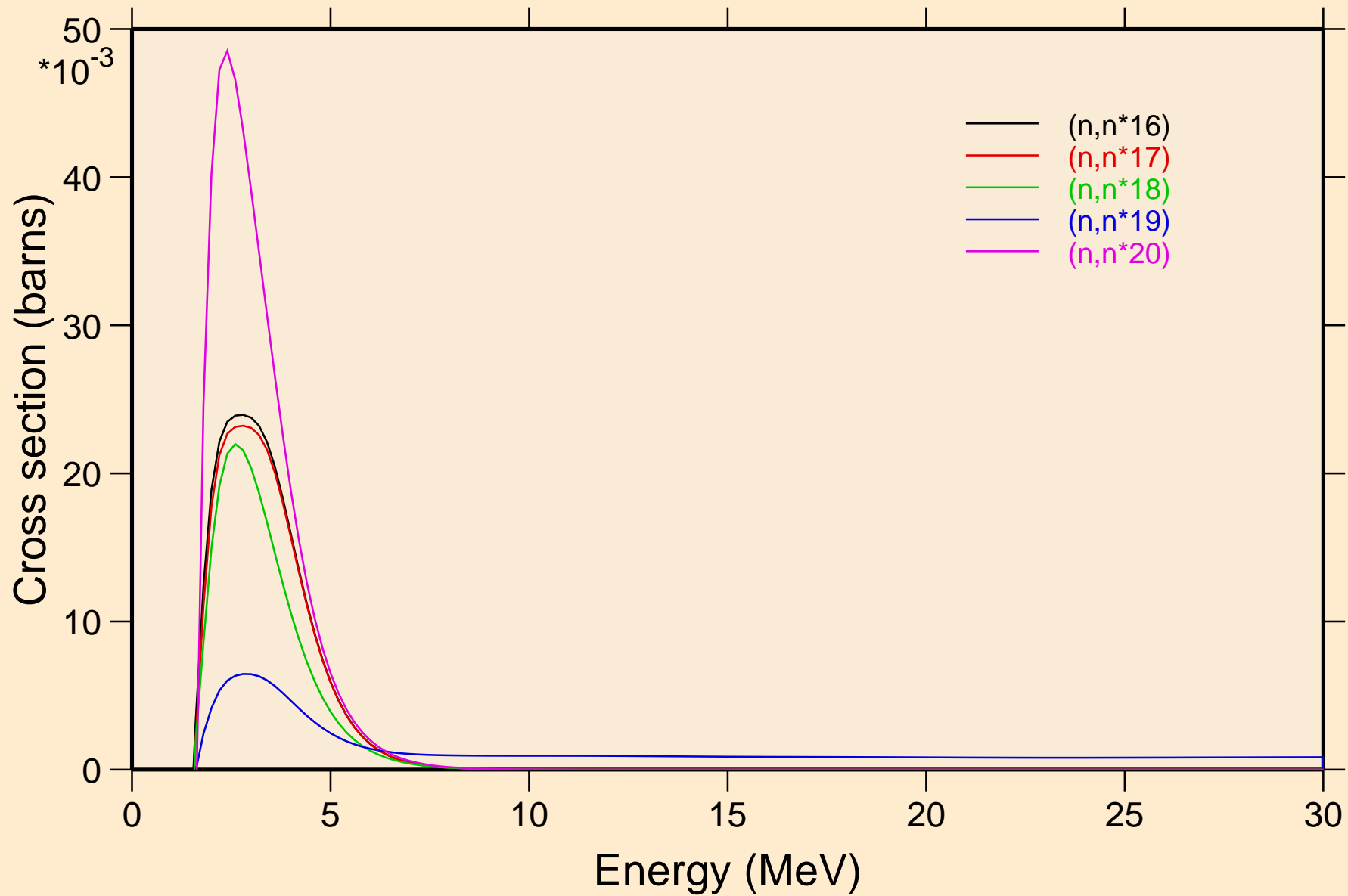
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



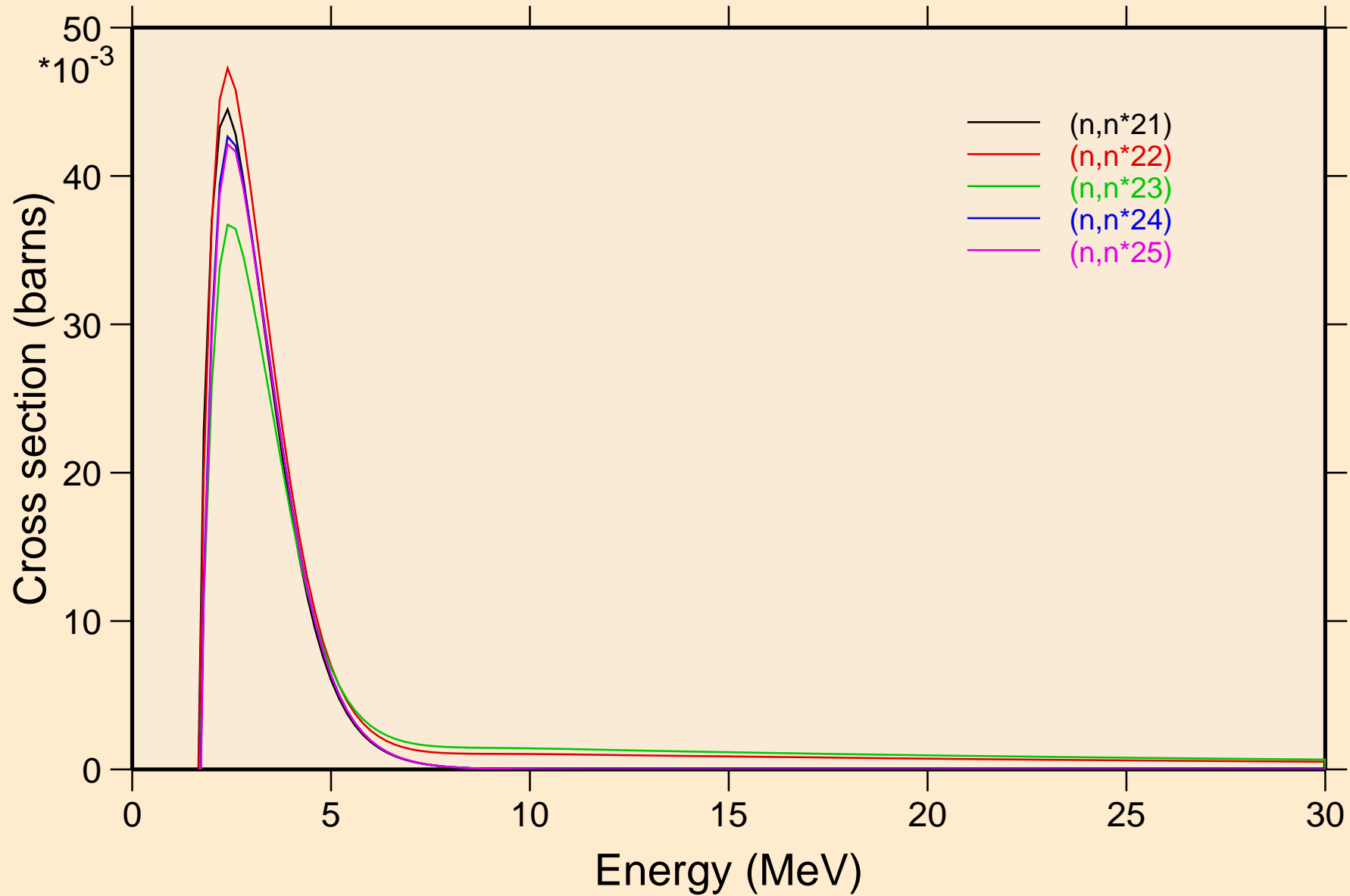
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



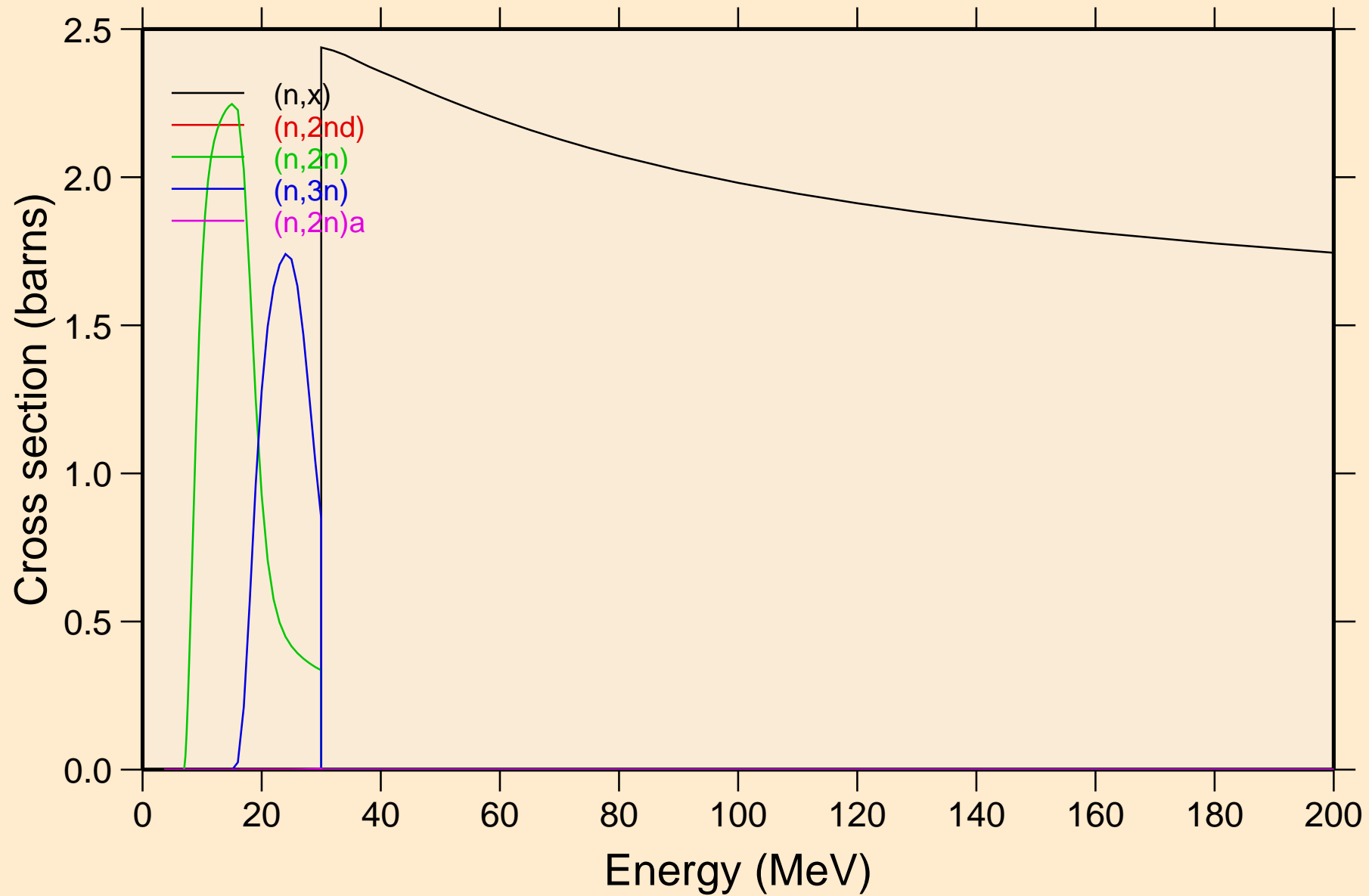
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



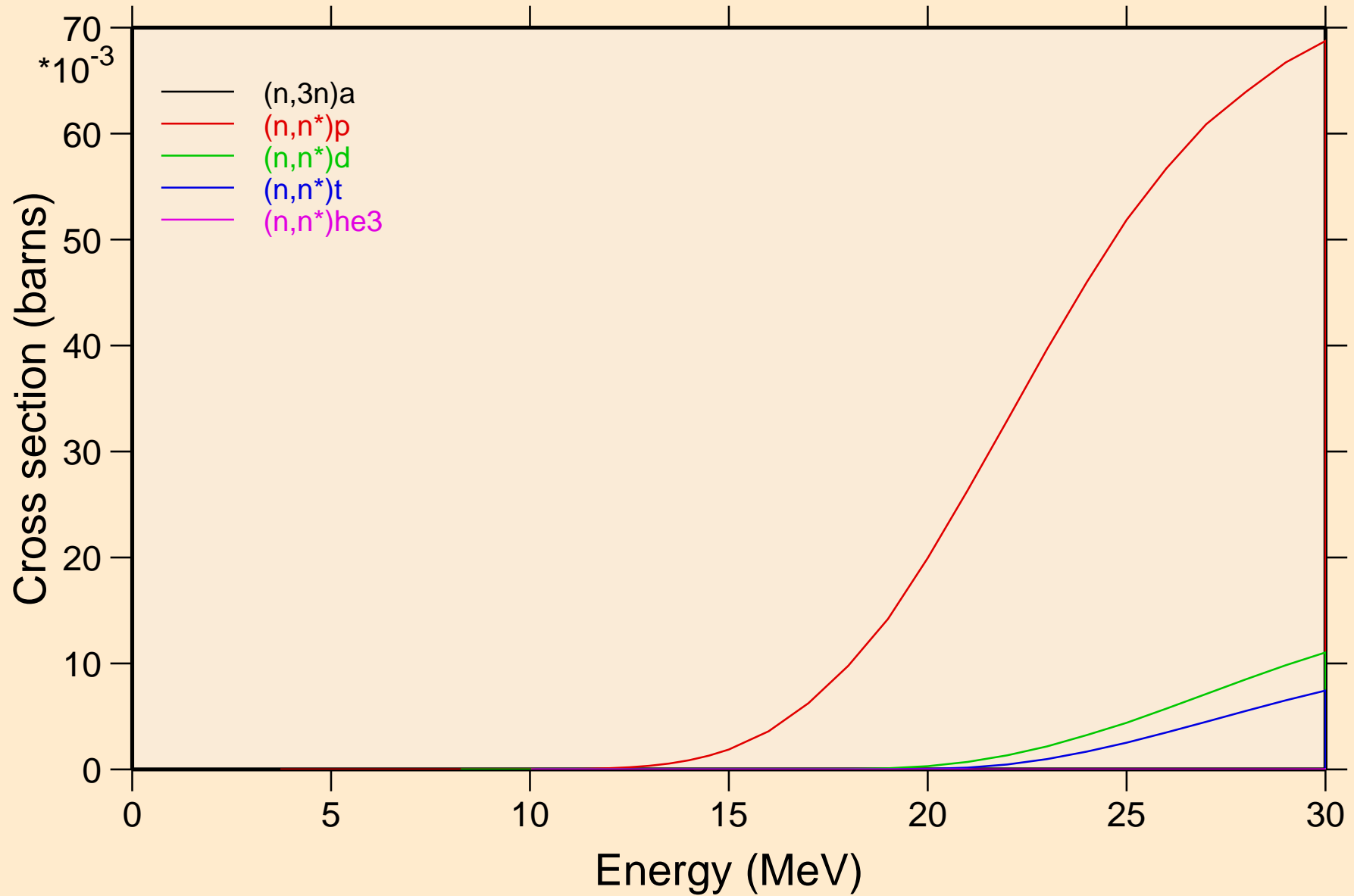
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



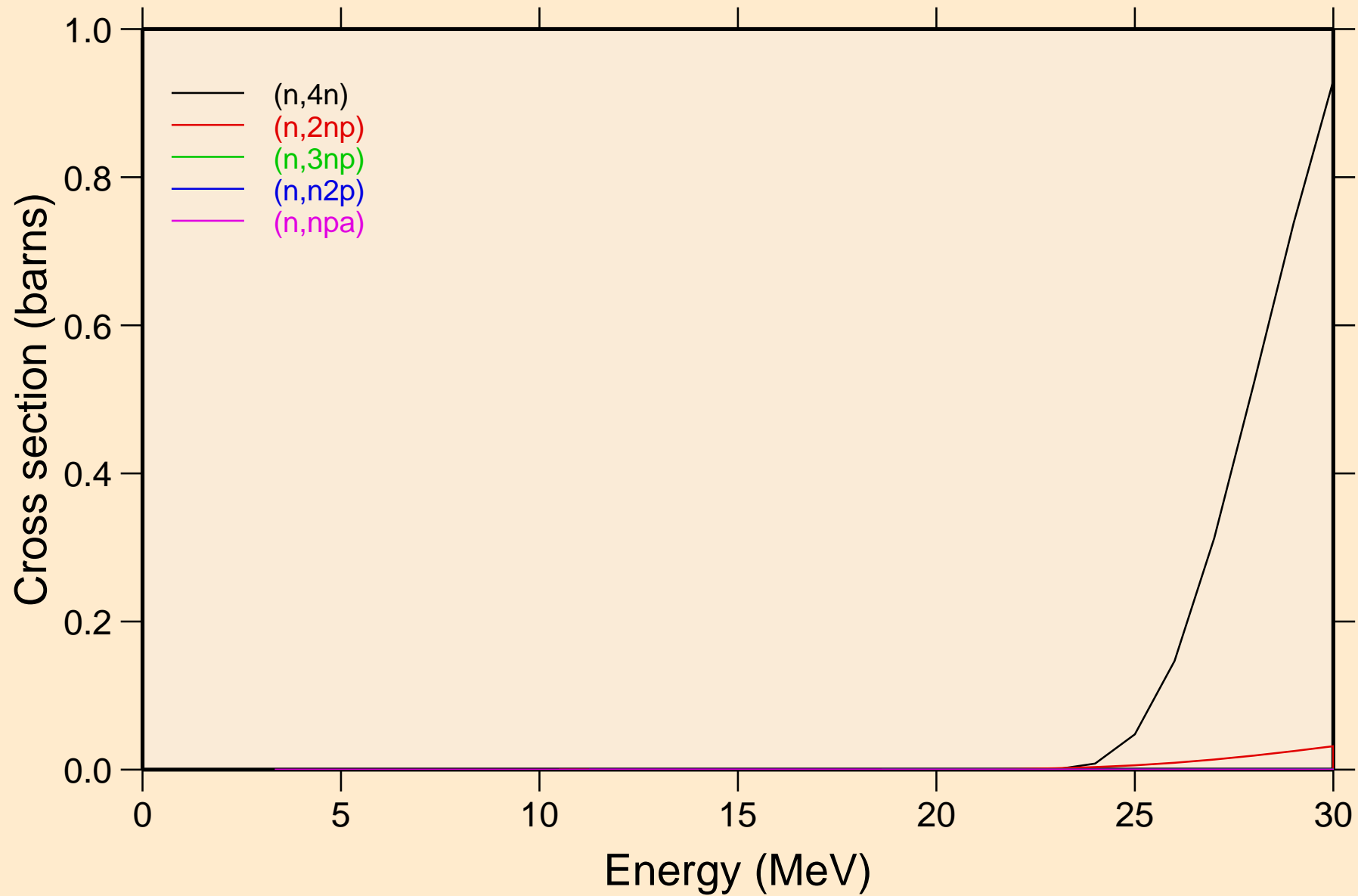
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

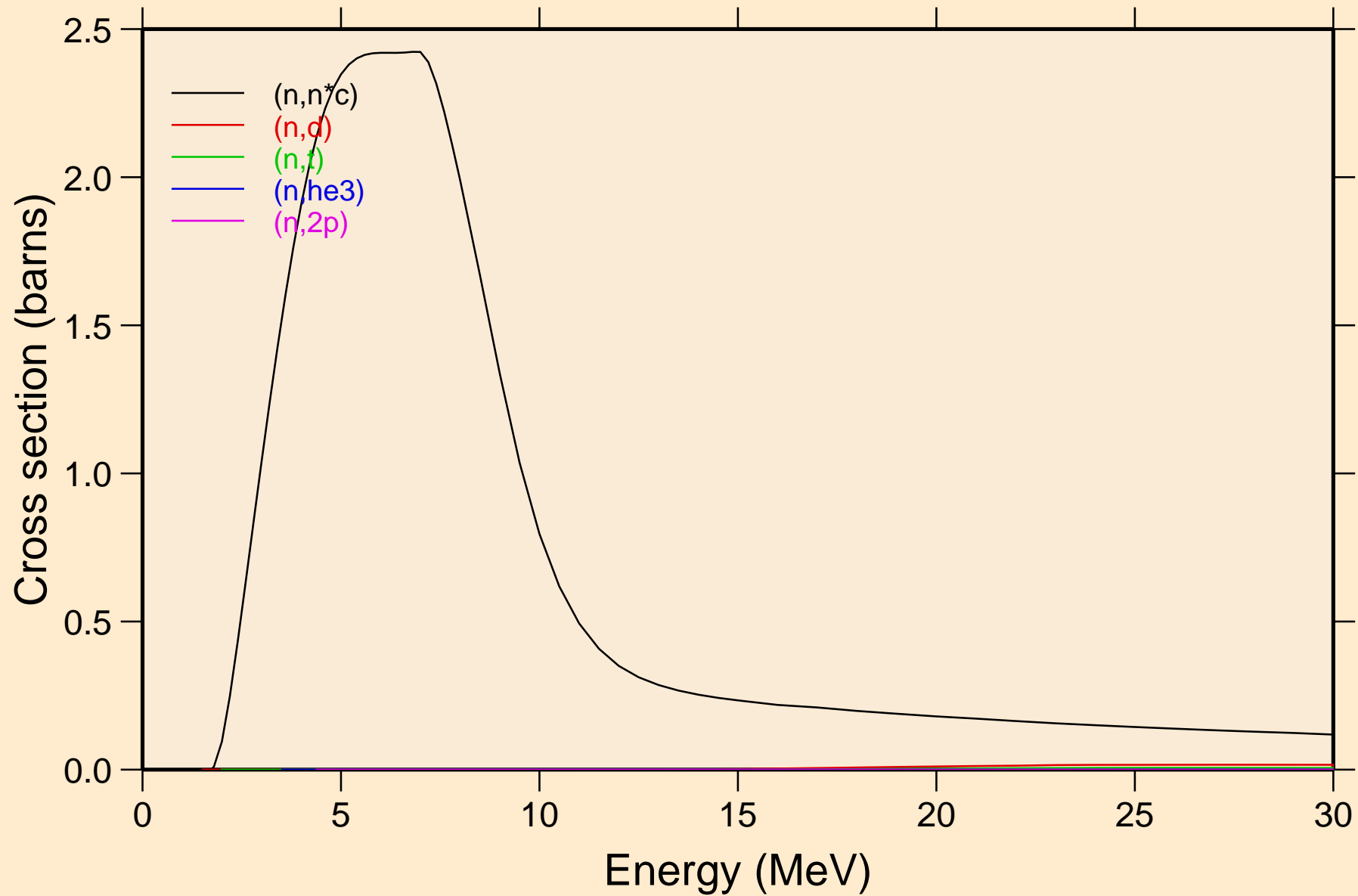


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

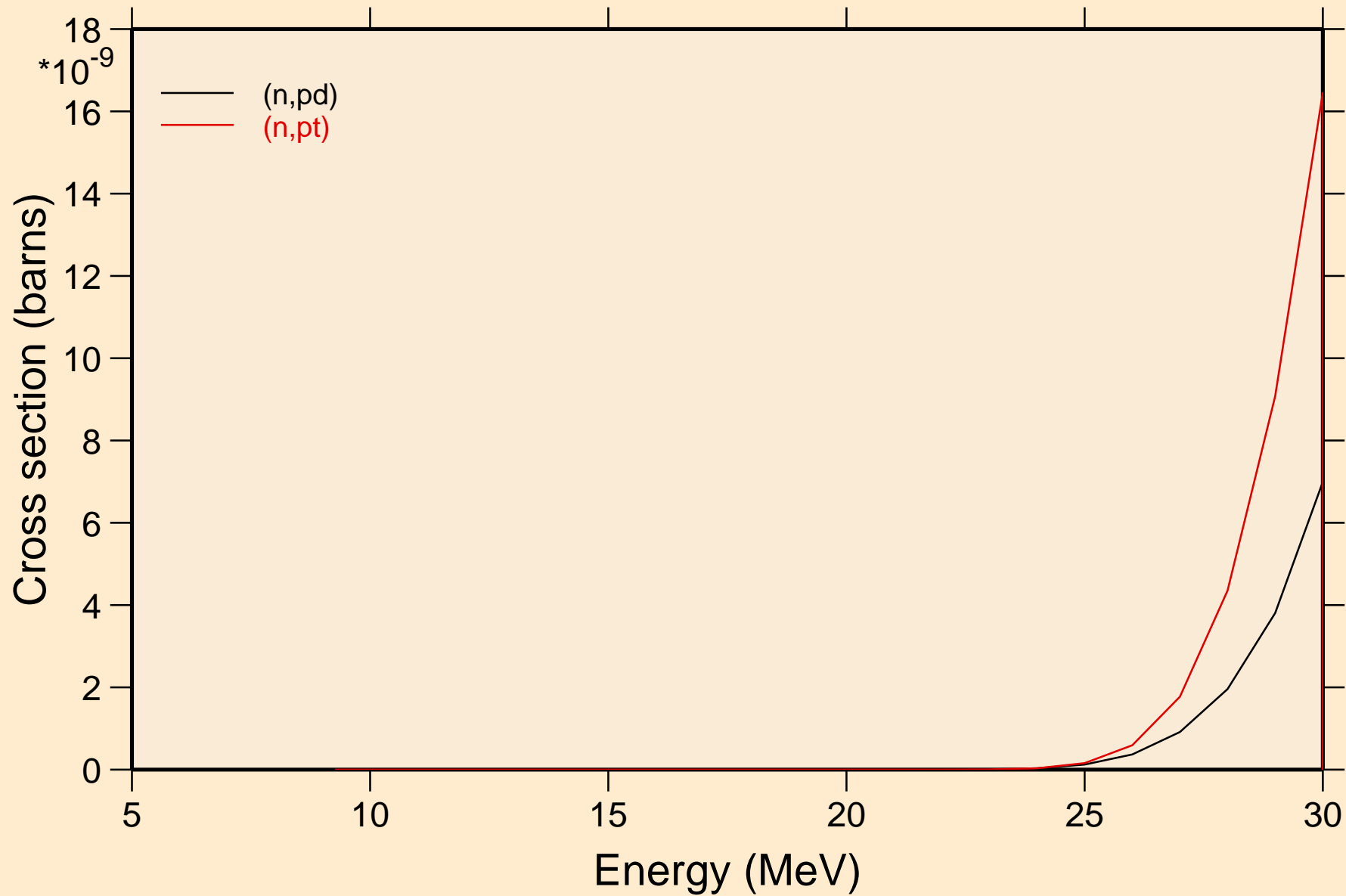




BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

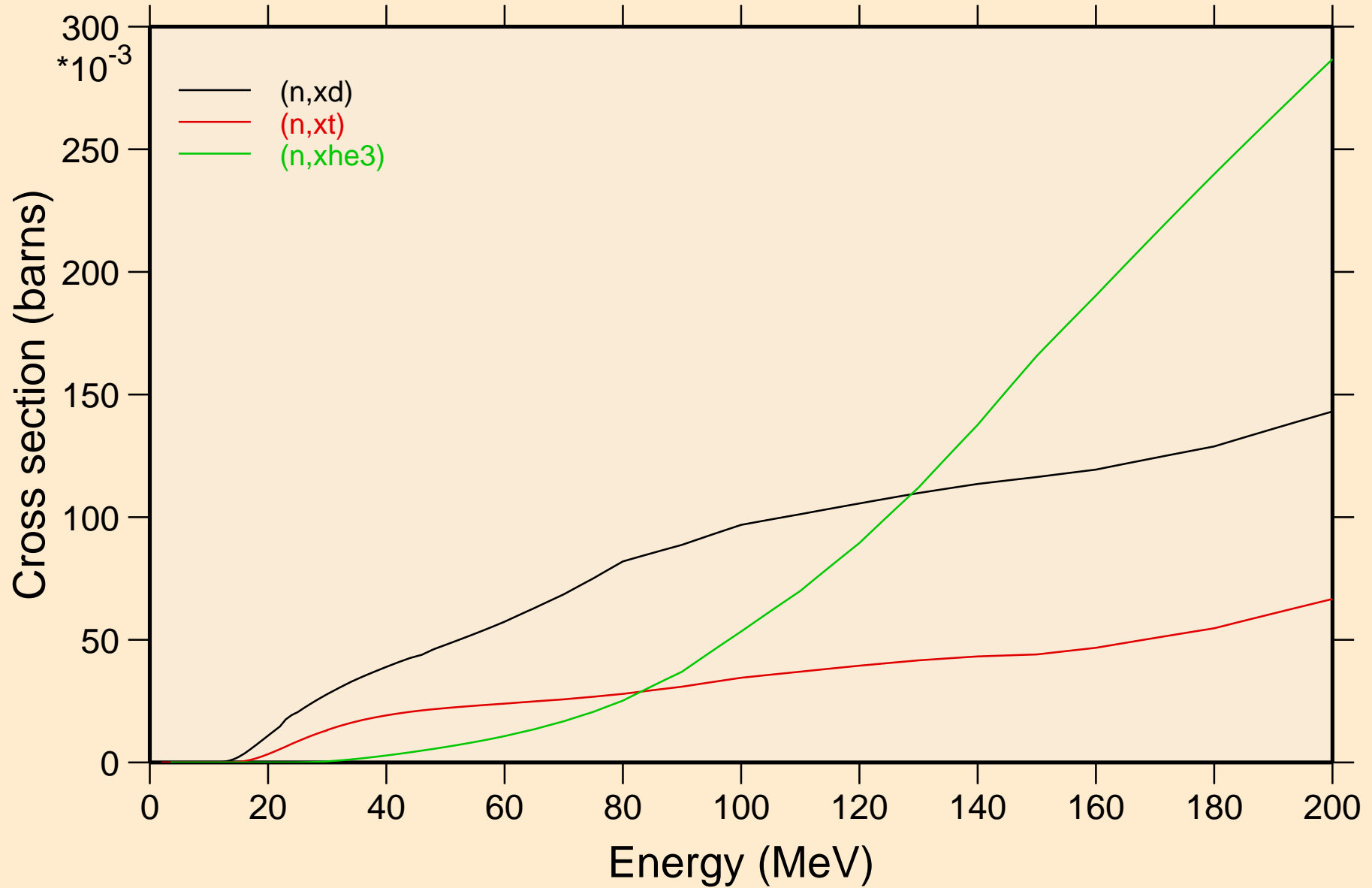


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

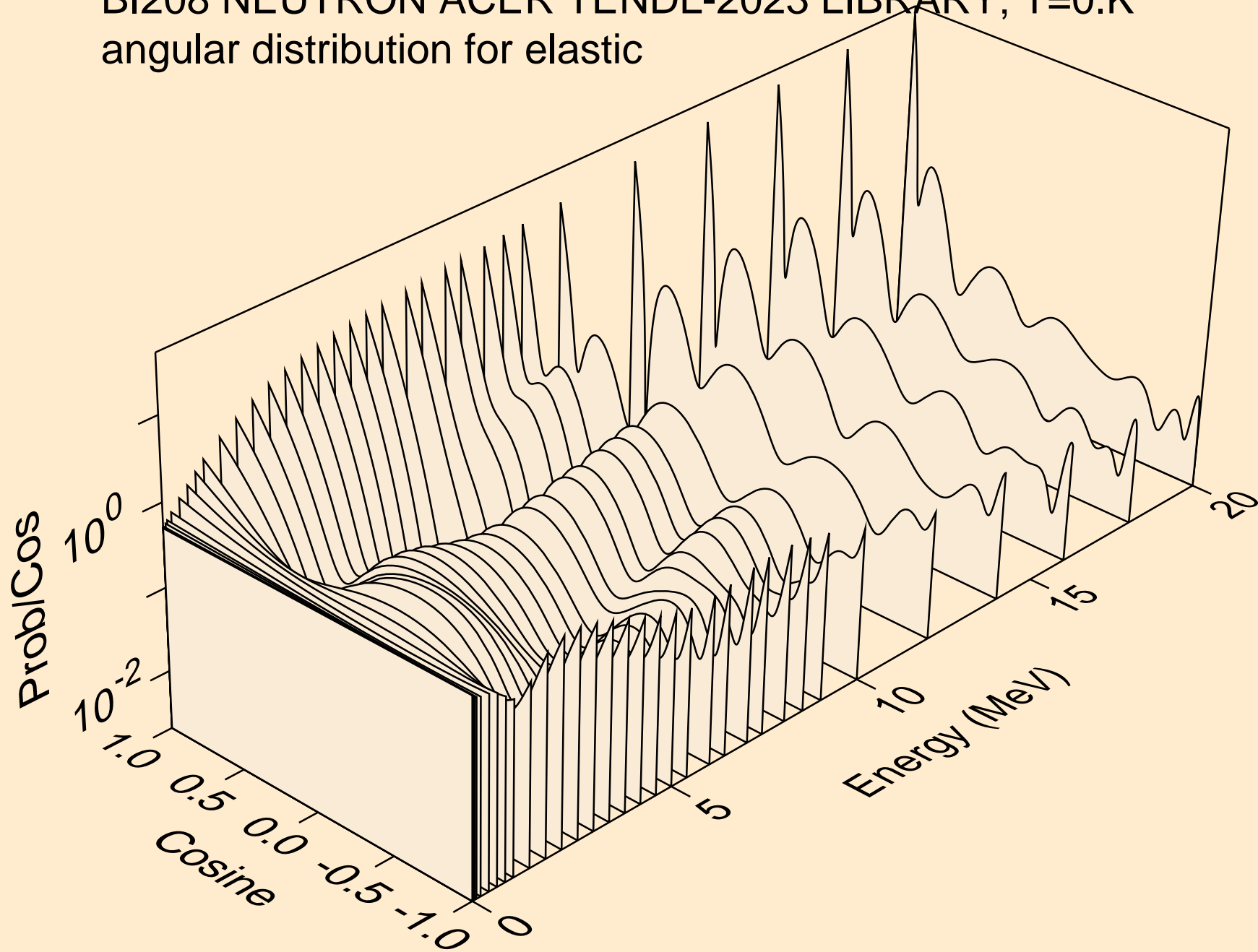


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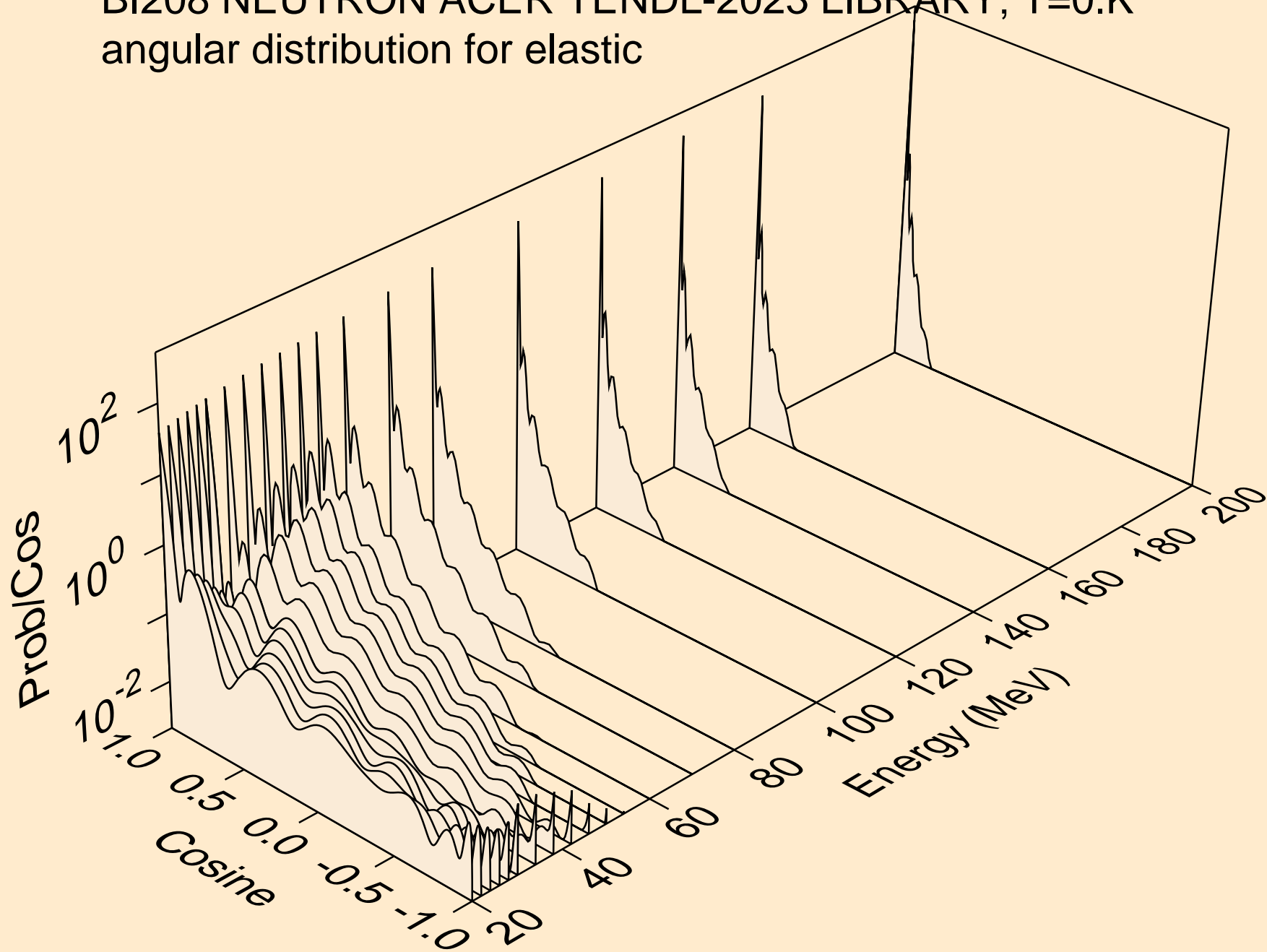
## Threshold reactions



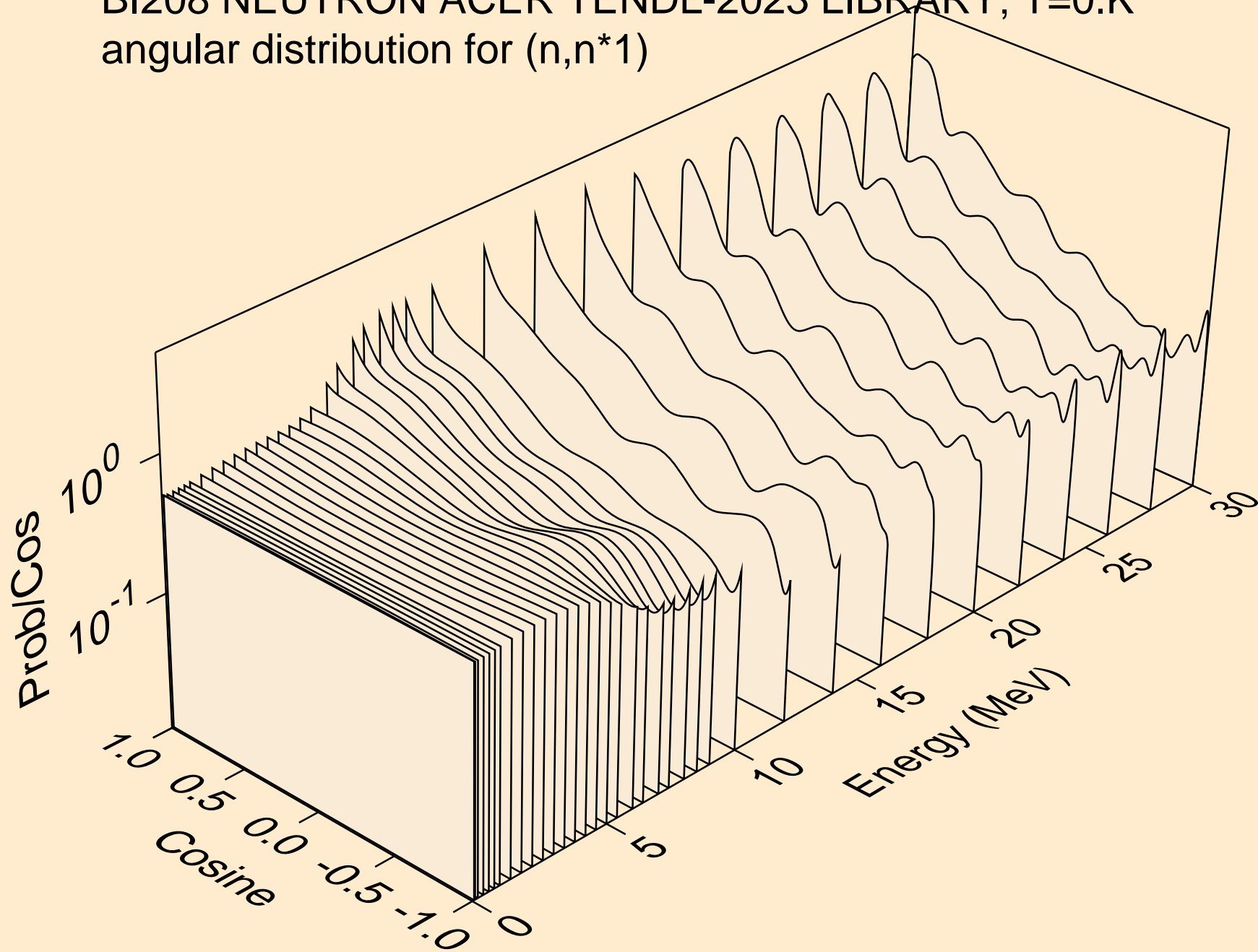
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



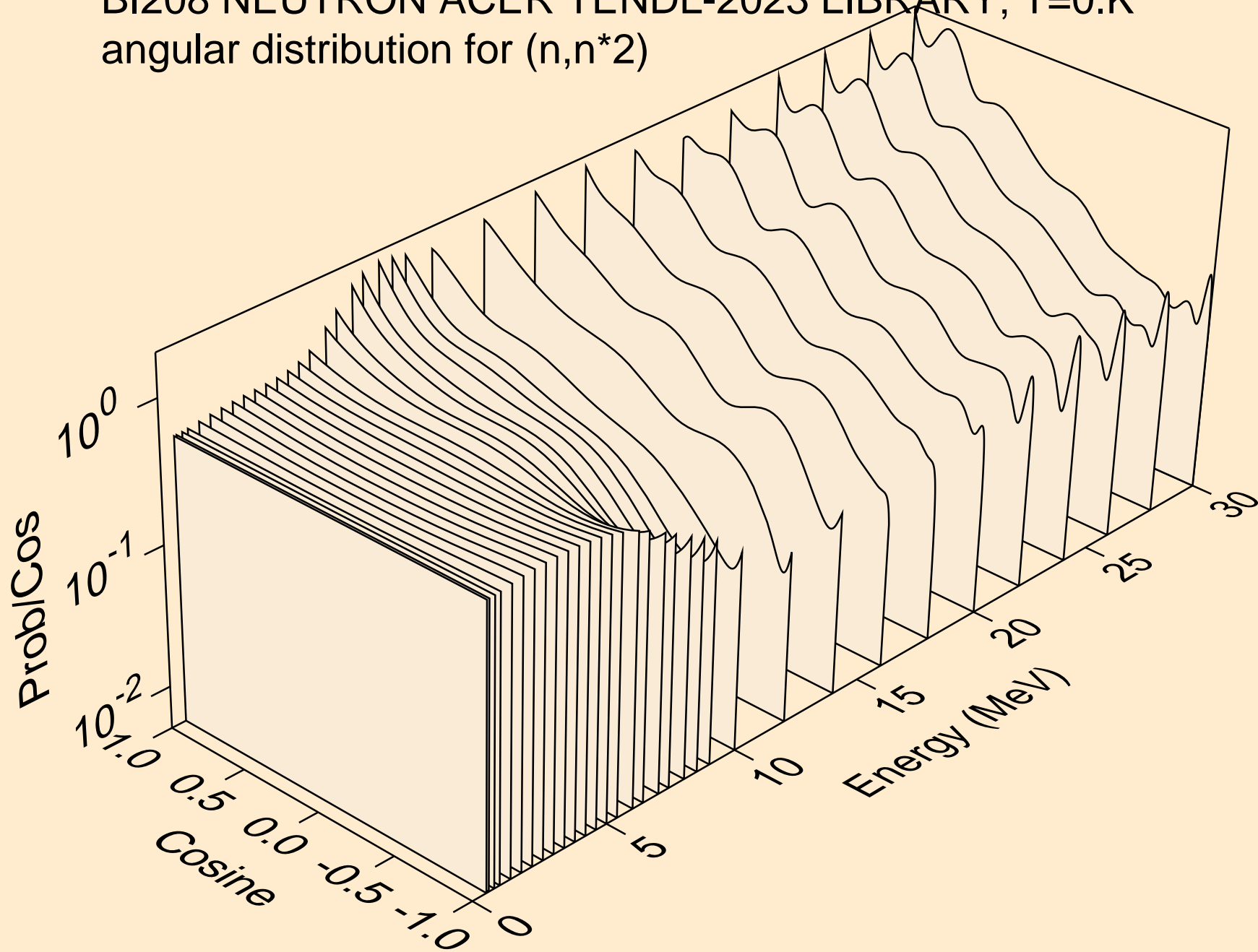
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angular distribution for elastic



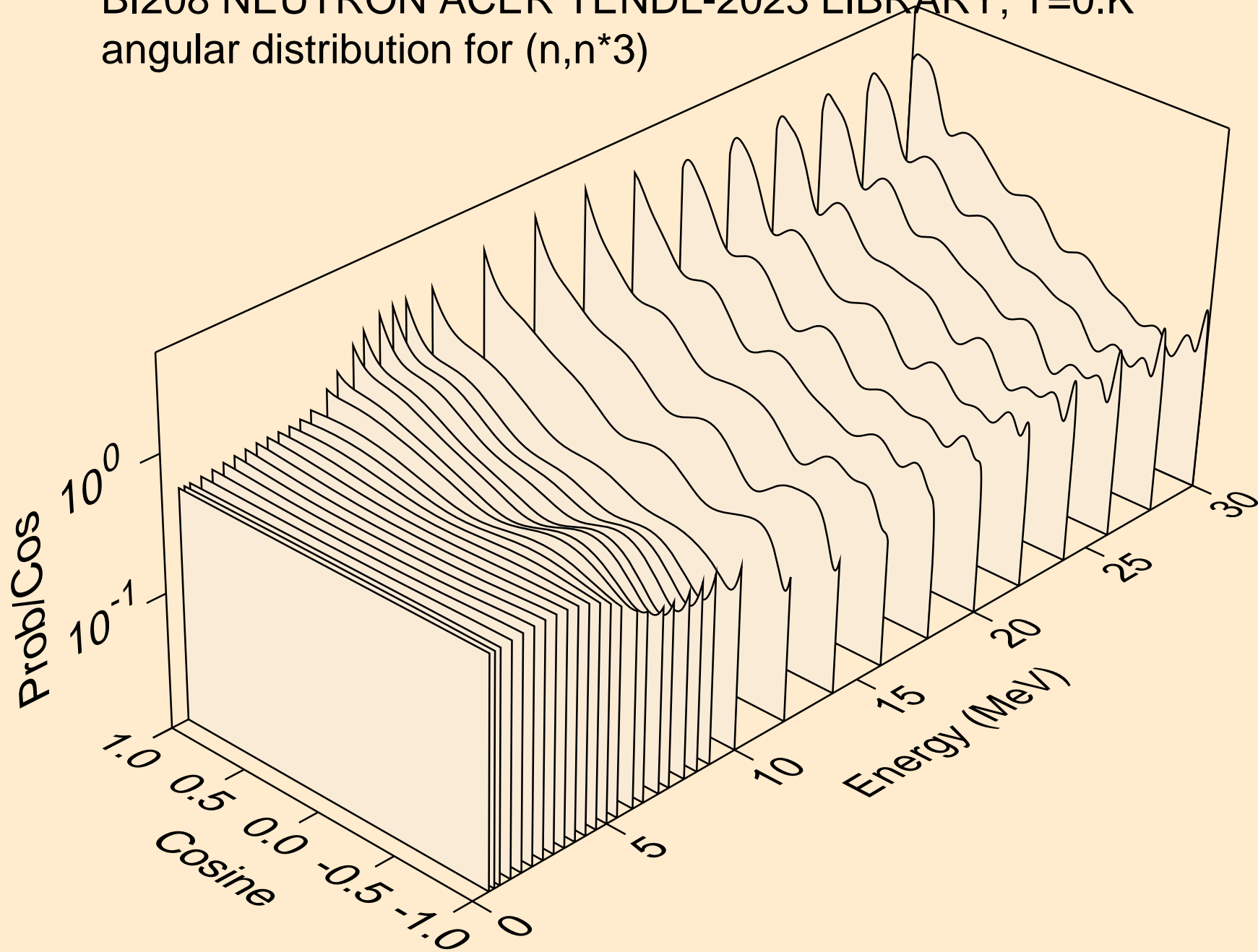
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

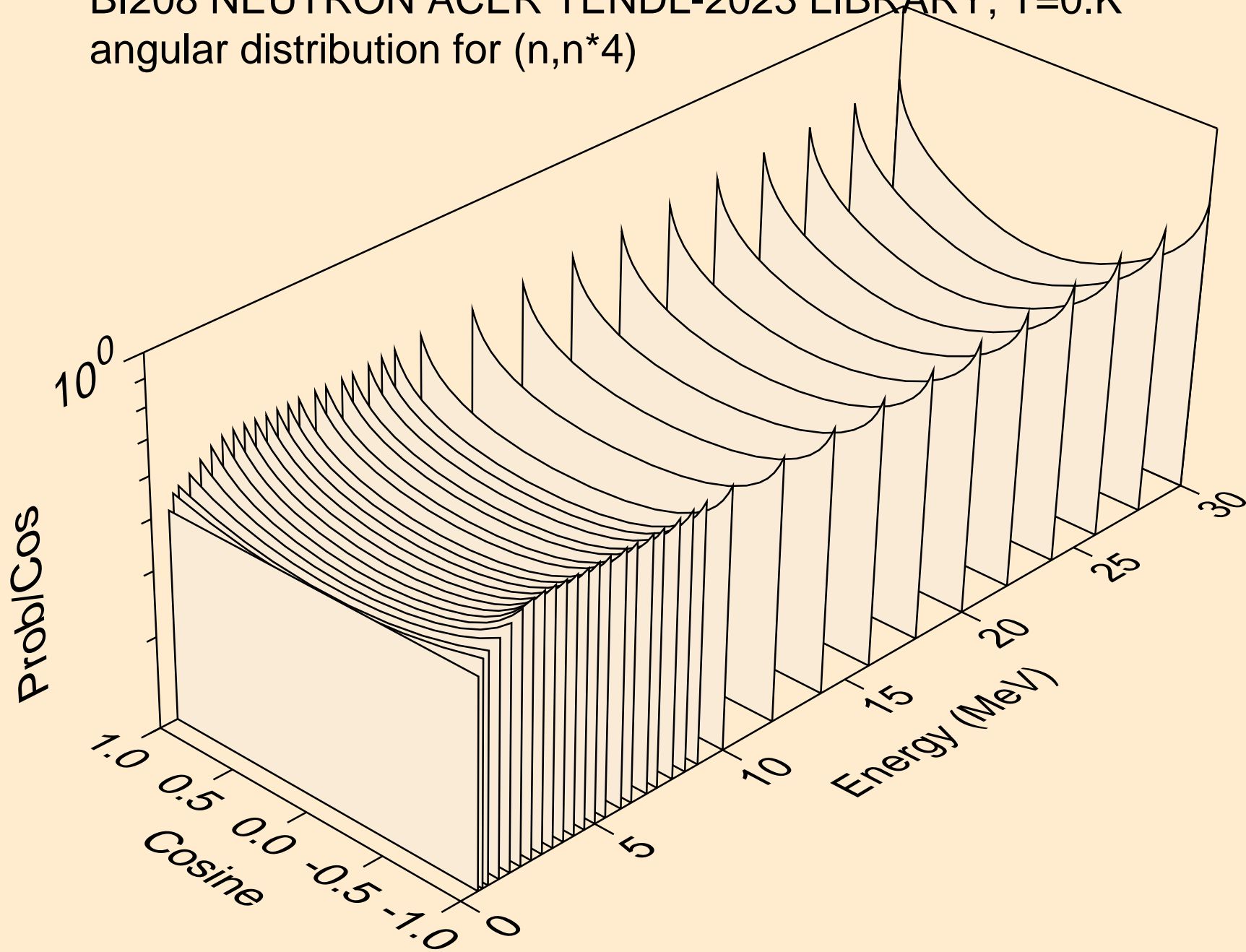


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

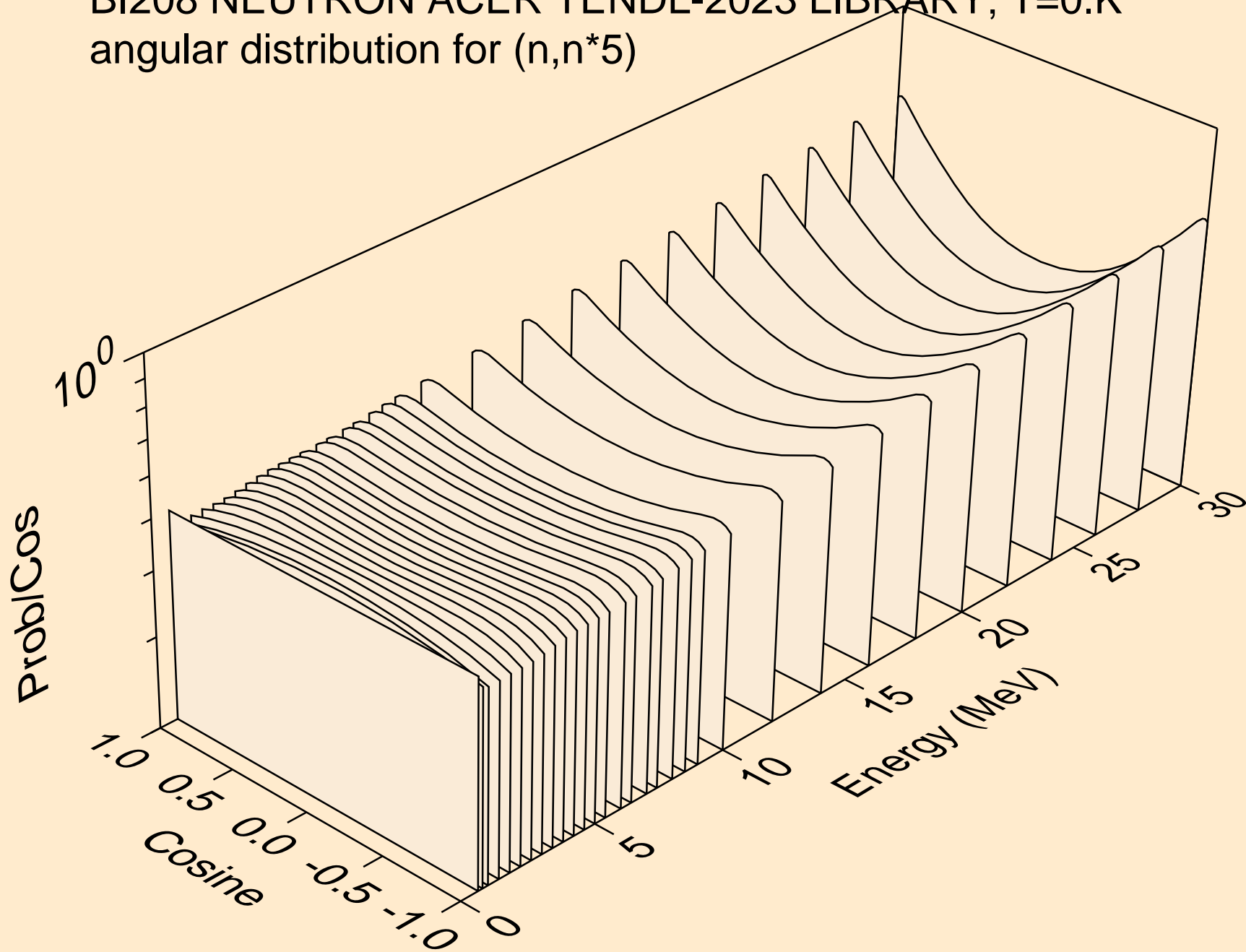




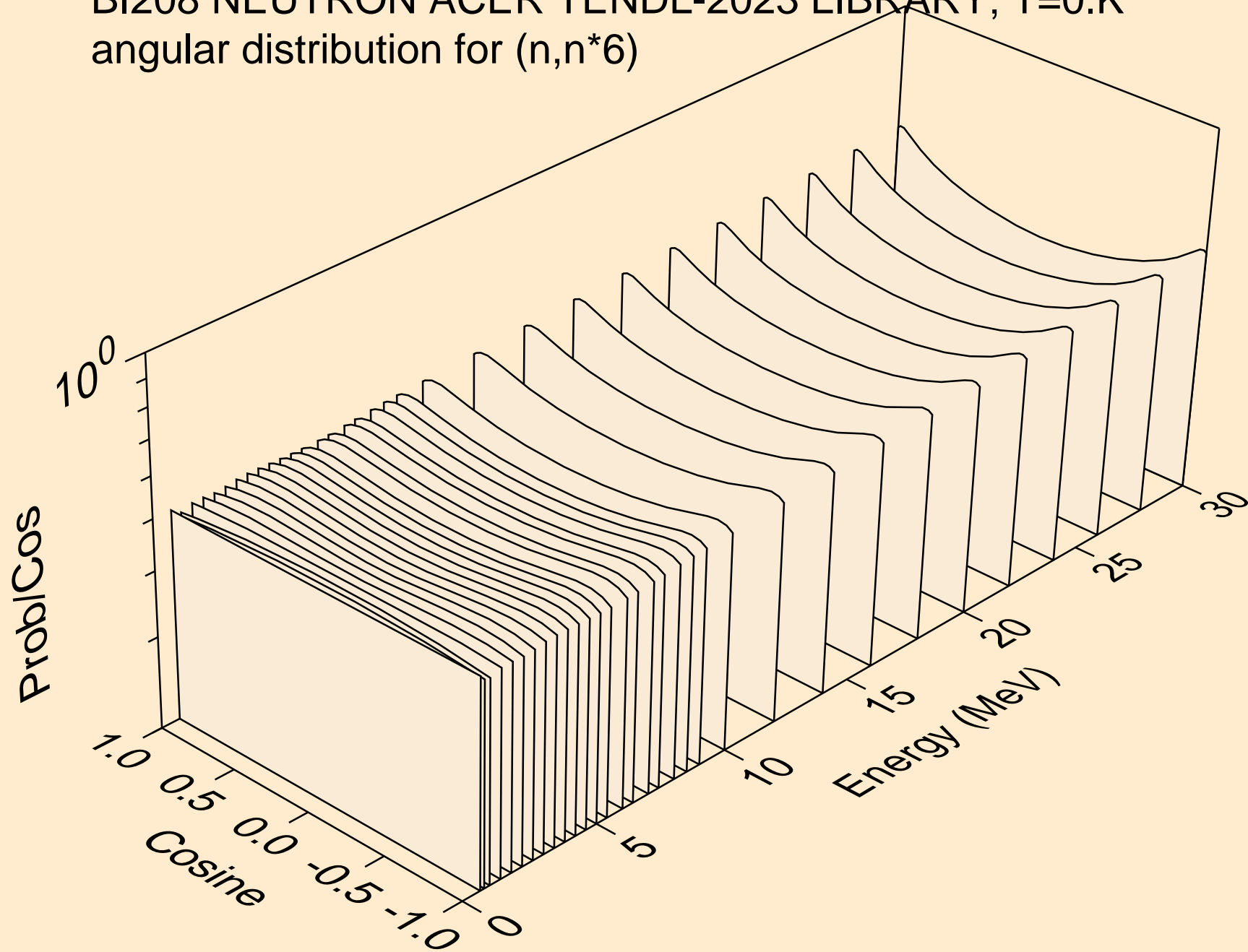
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angular distribution for (n,n\*4)



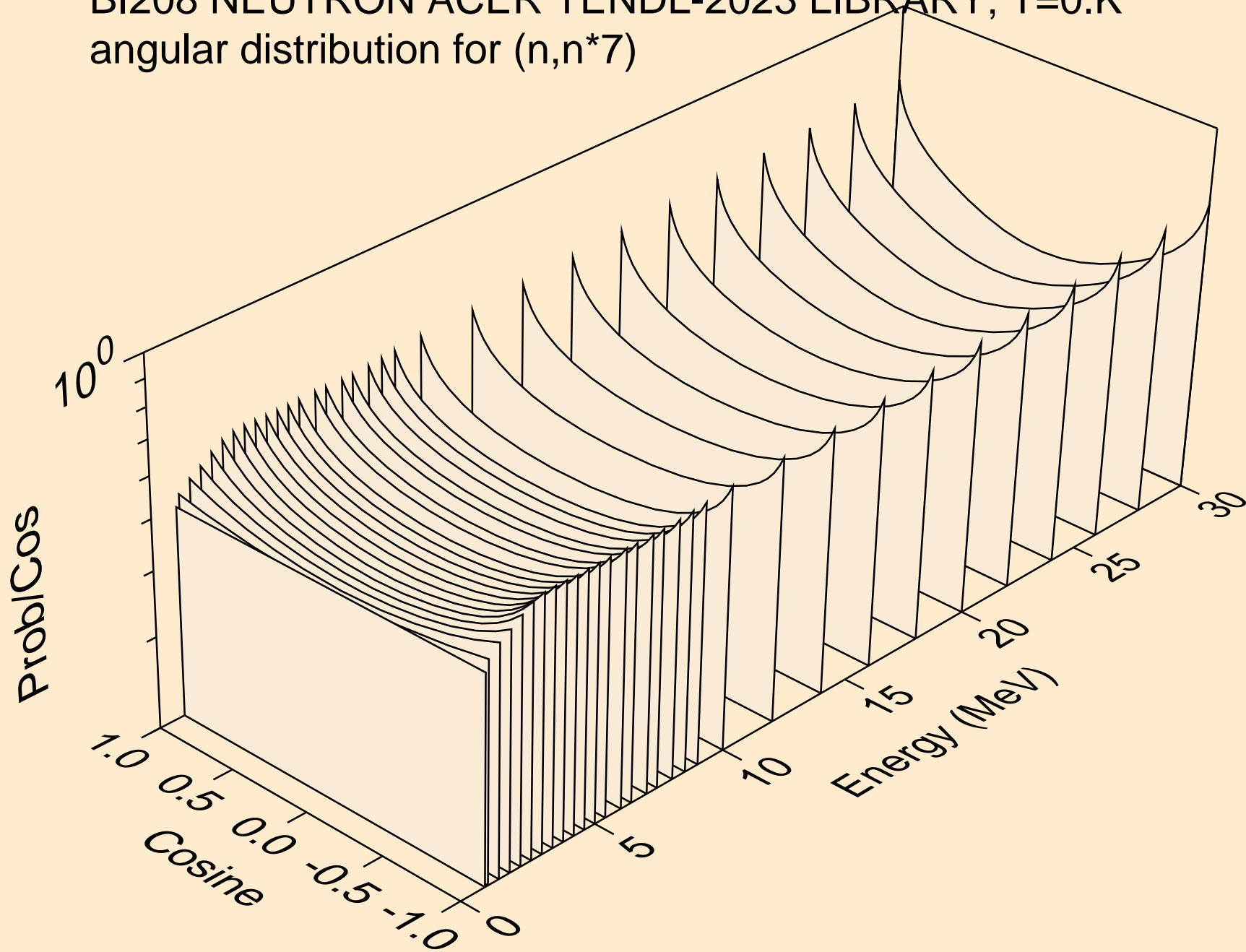
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



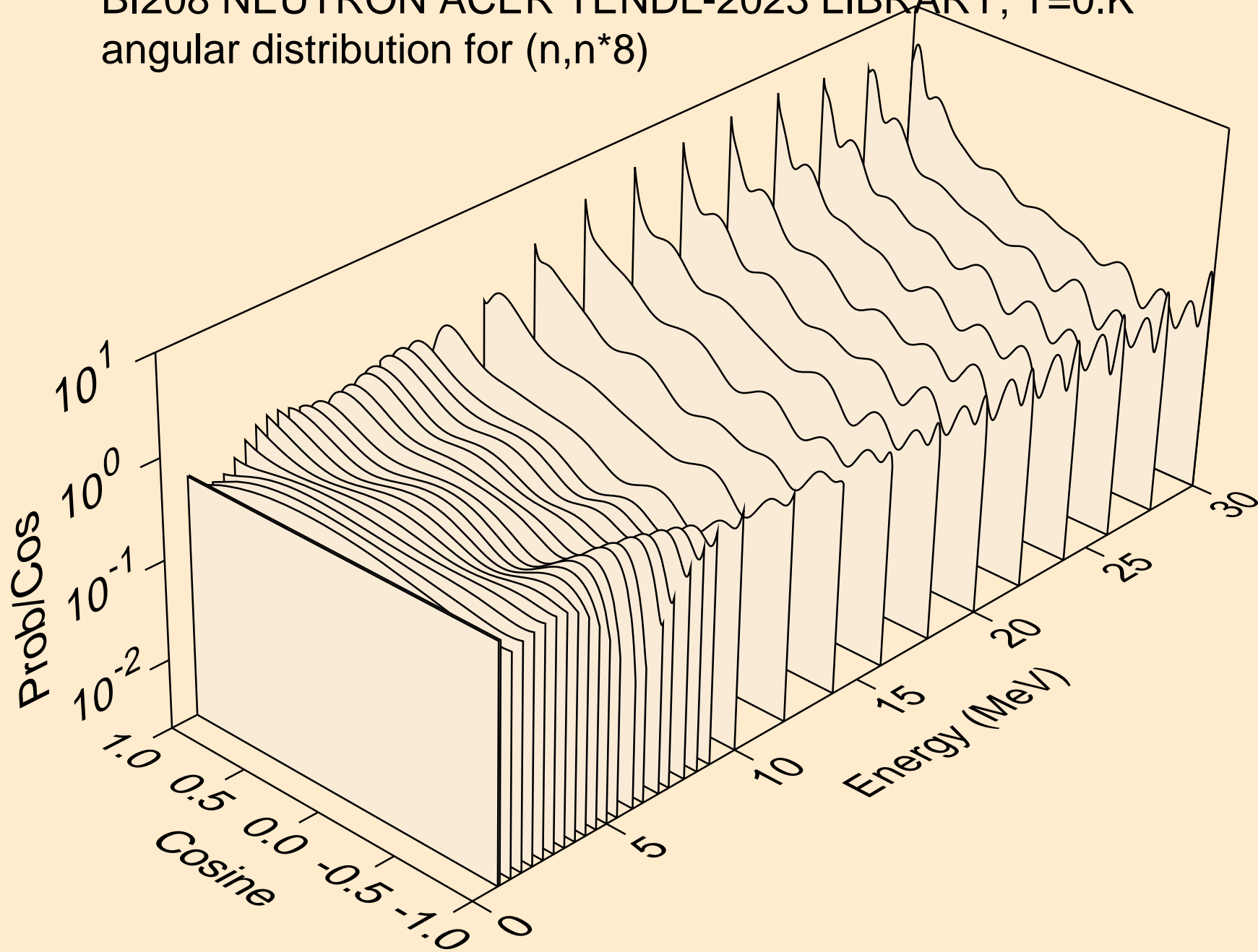
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



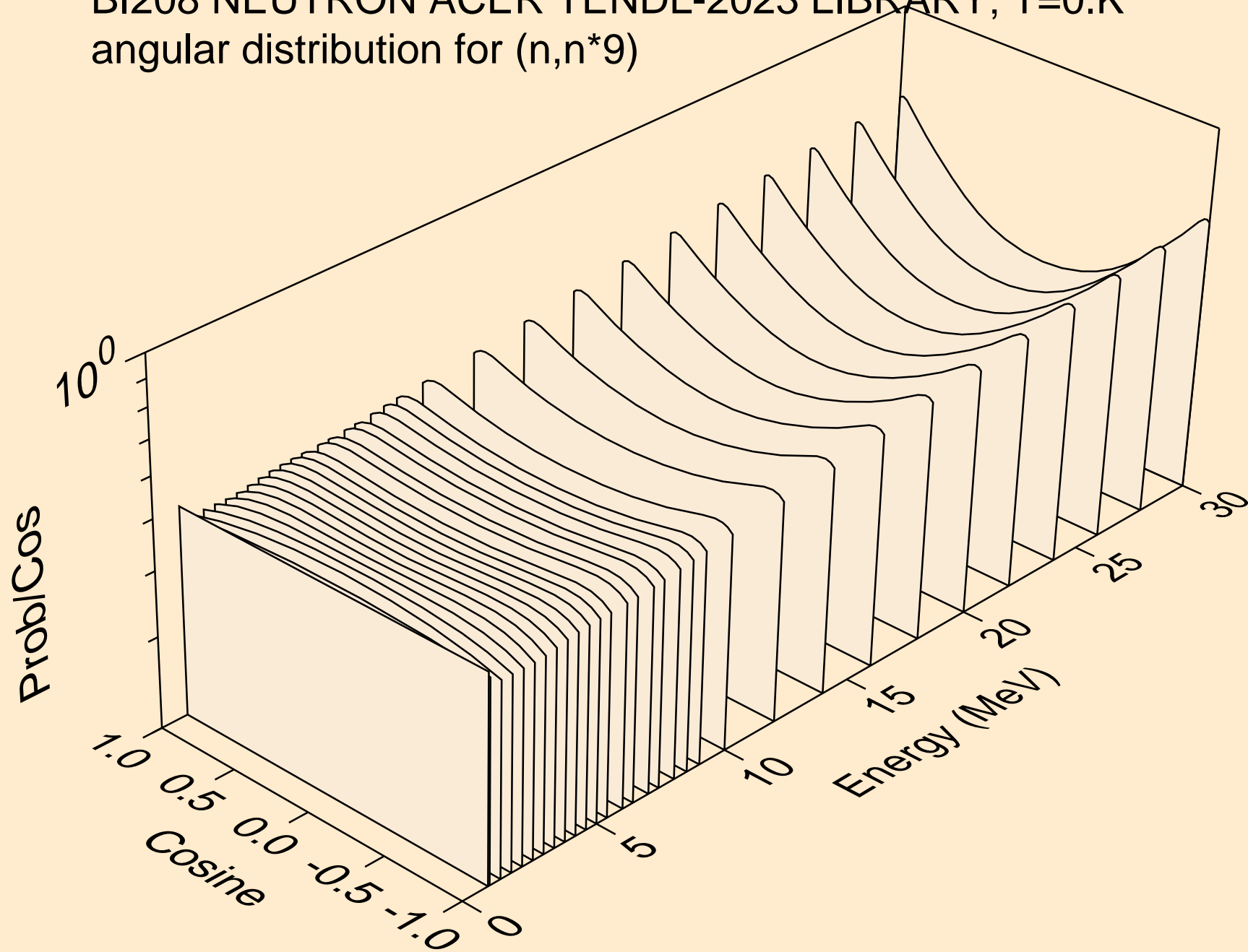
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



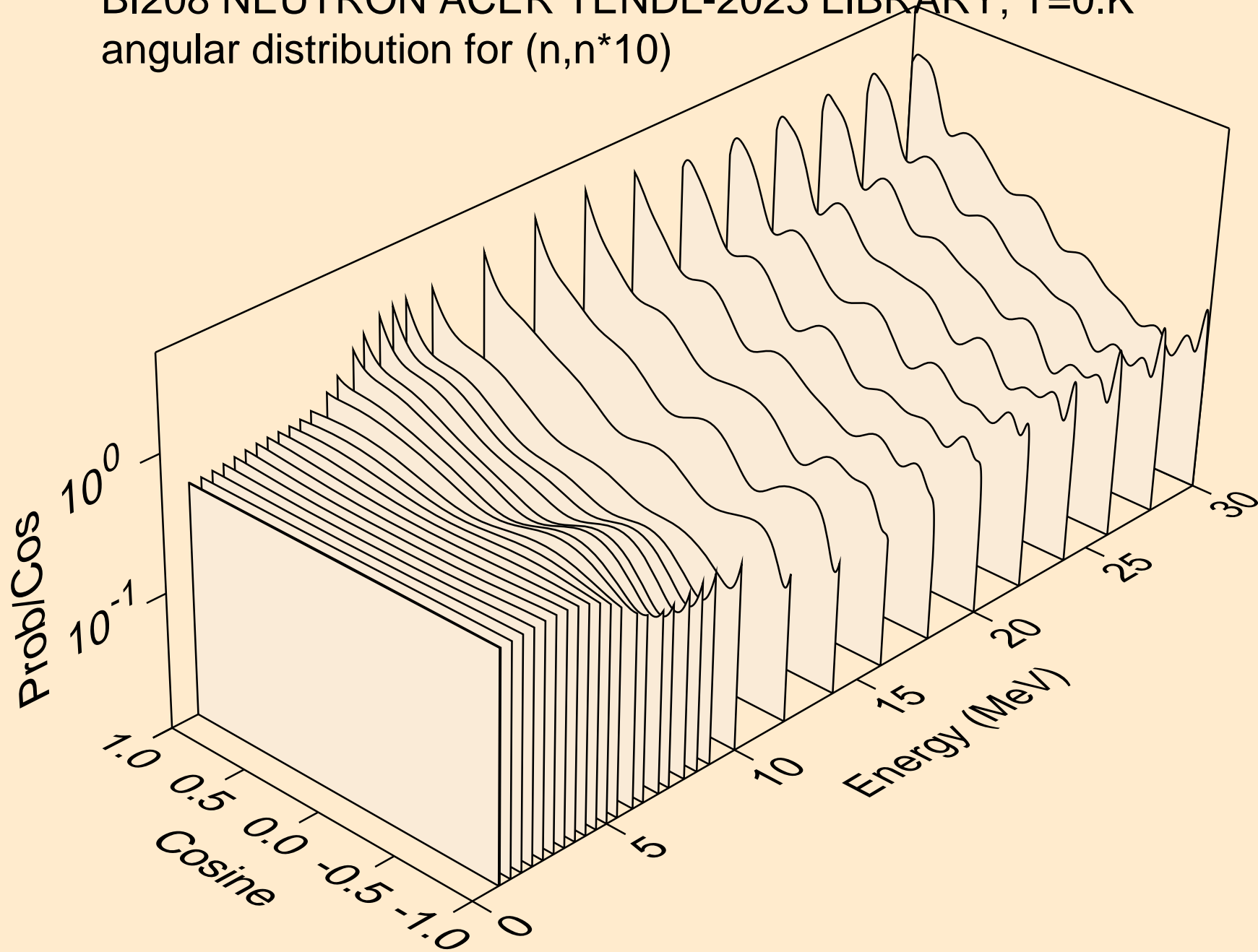
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angular distribution for (n,n\*8)



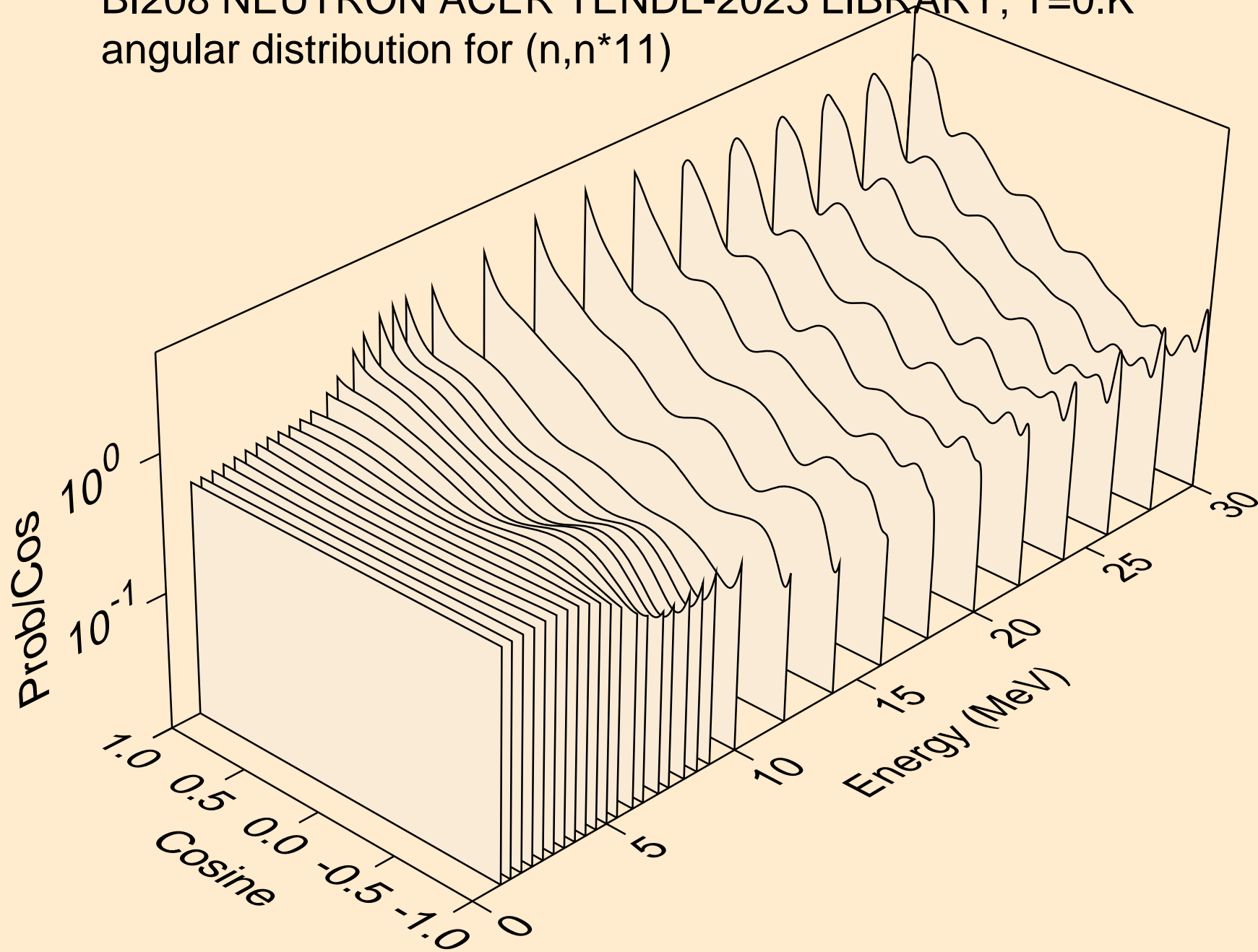
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

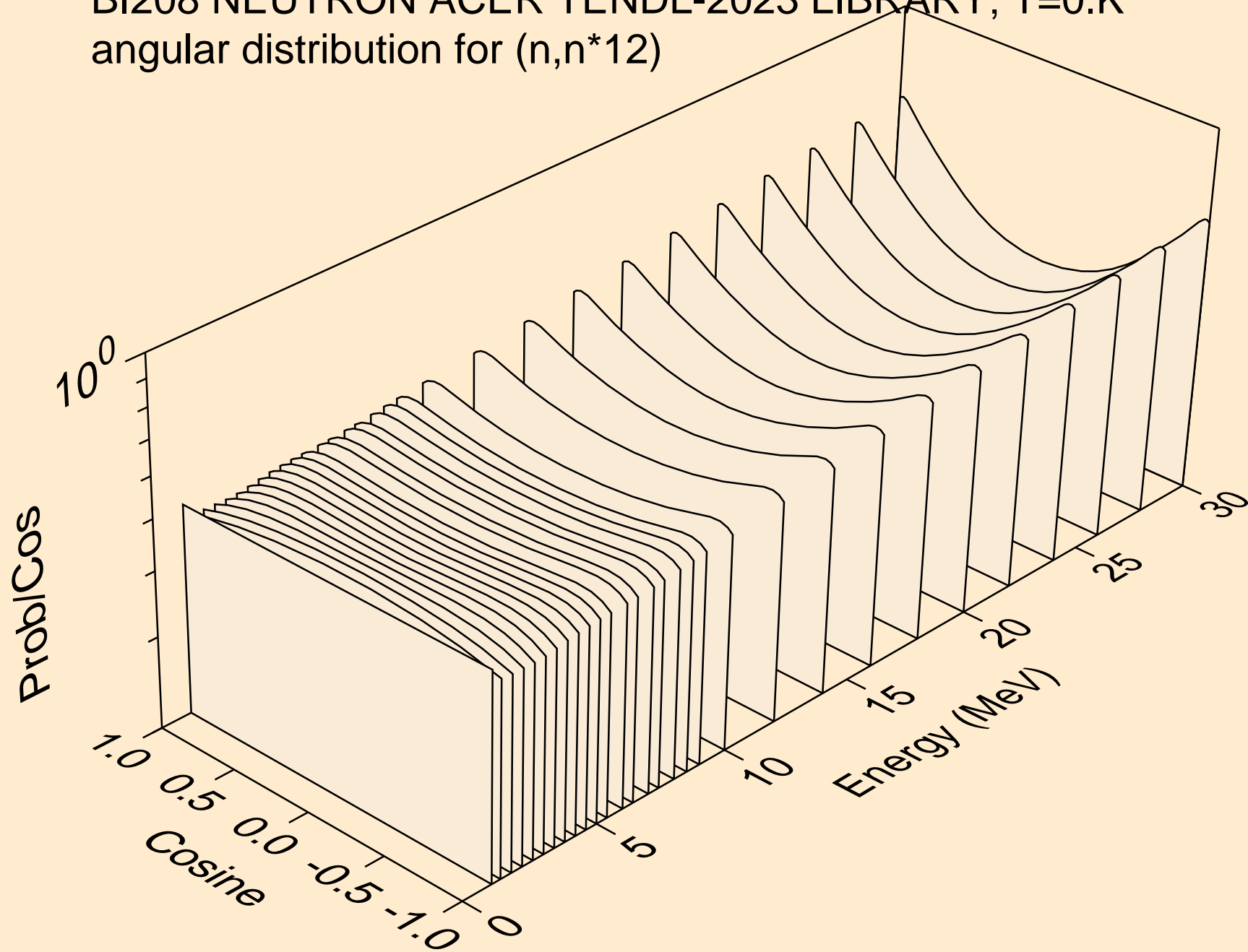


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

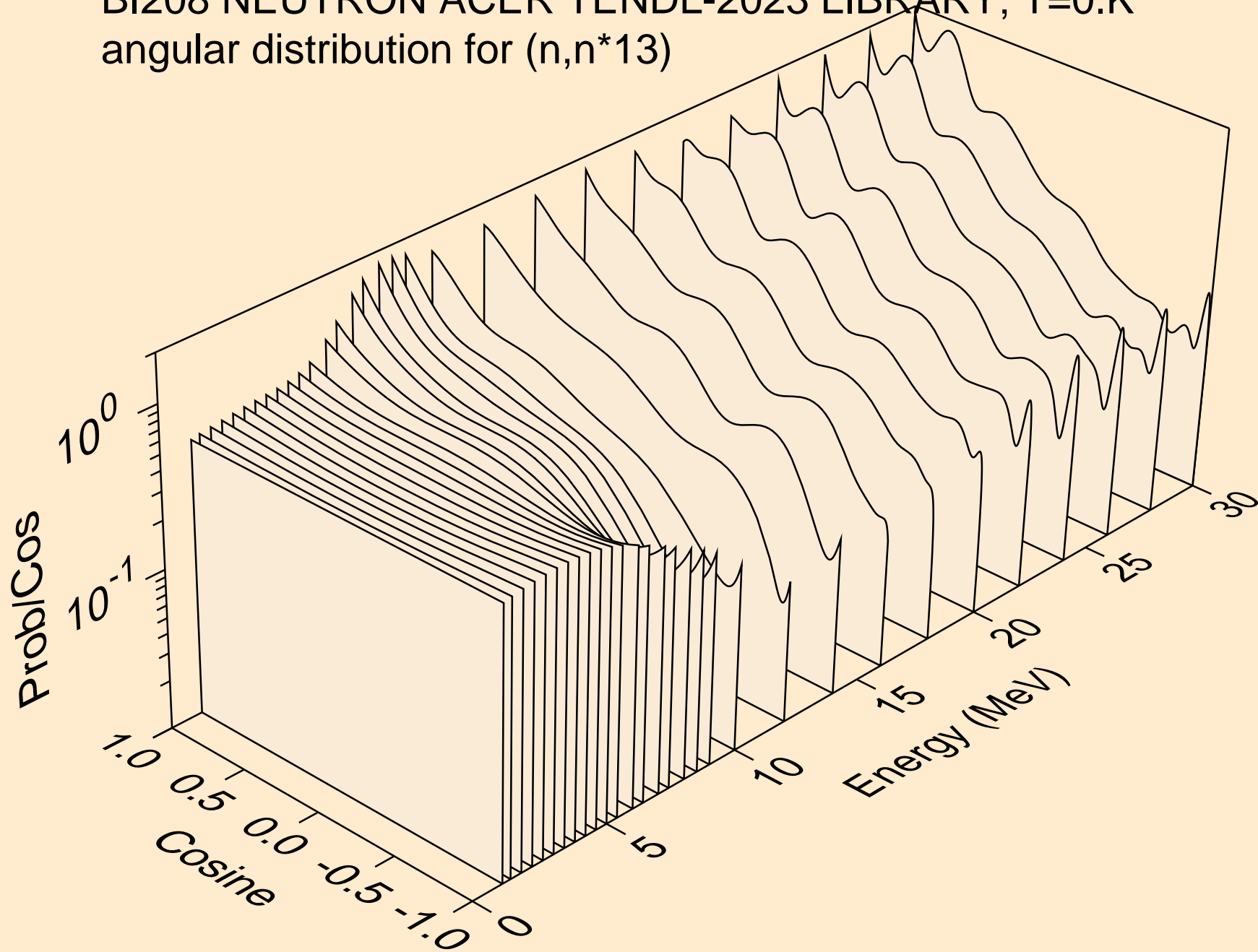




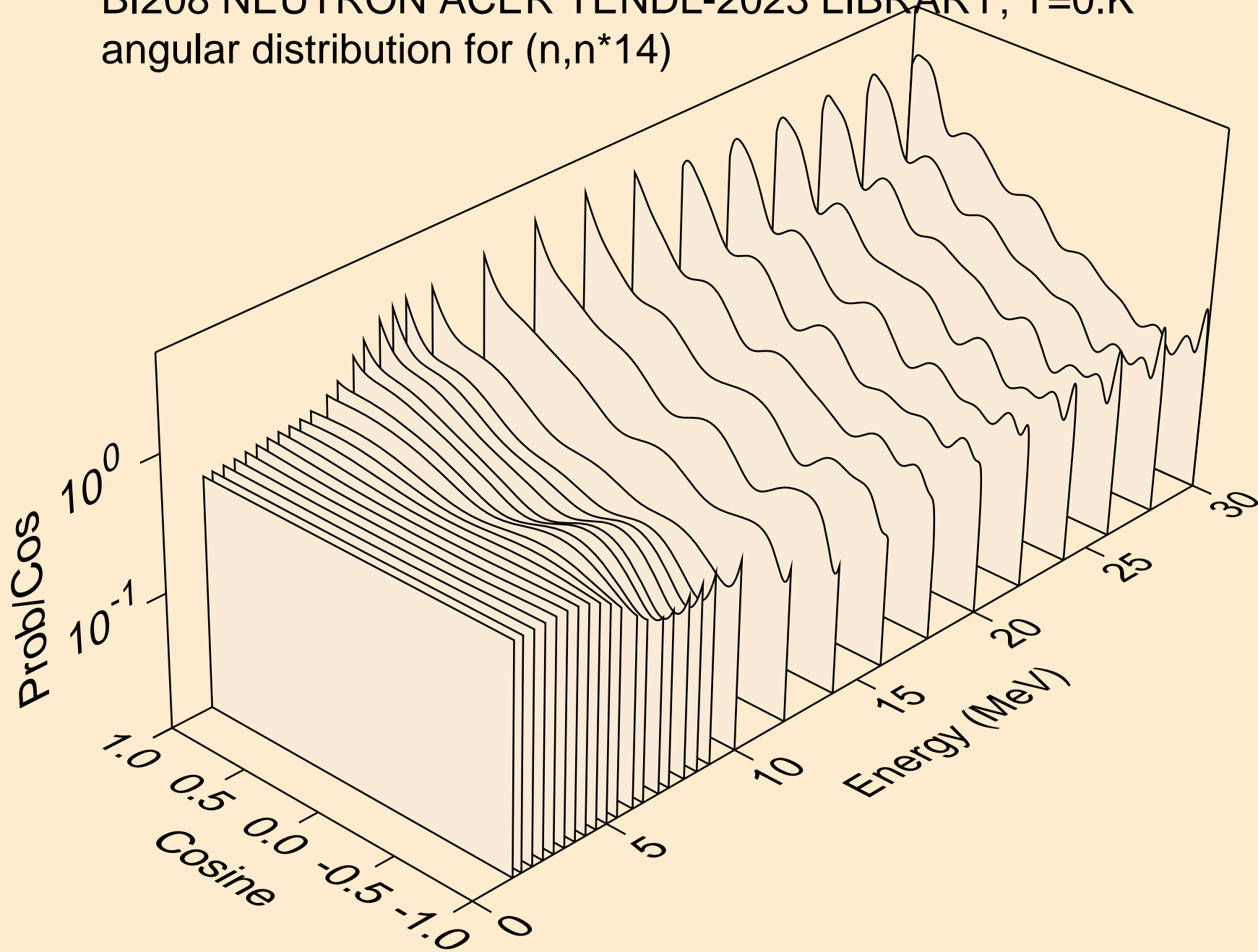
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angular distribution for (n,n\*12)



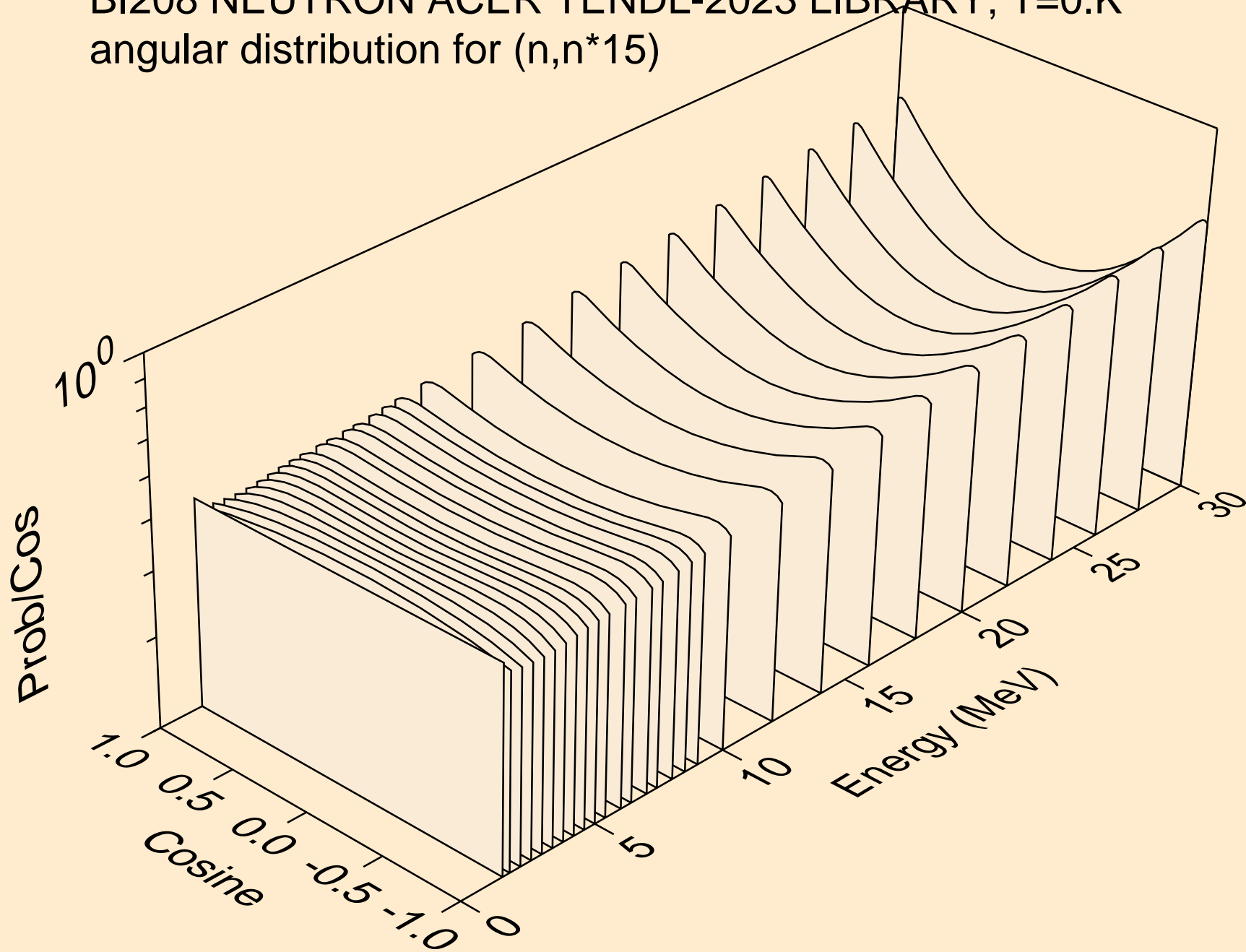
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angular distribution for (n,n\*13)



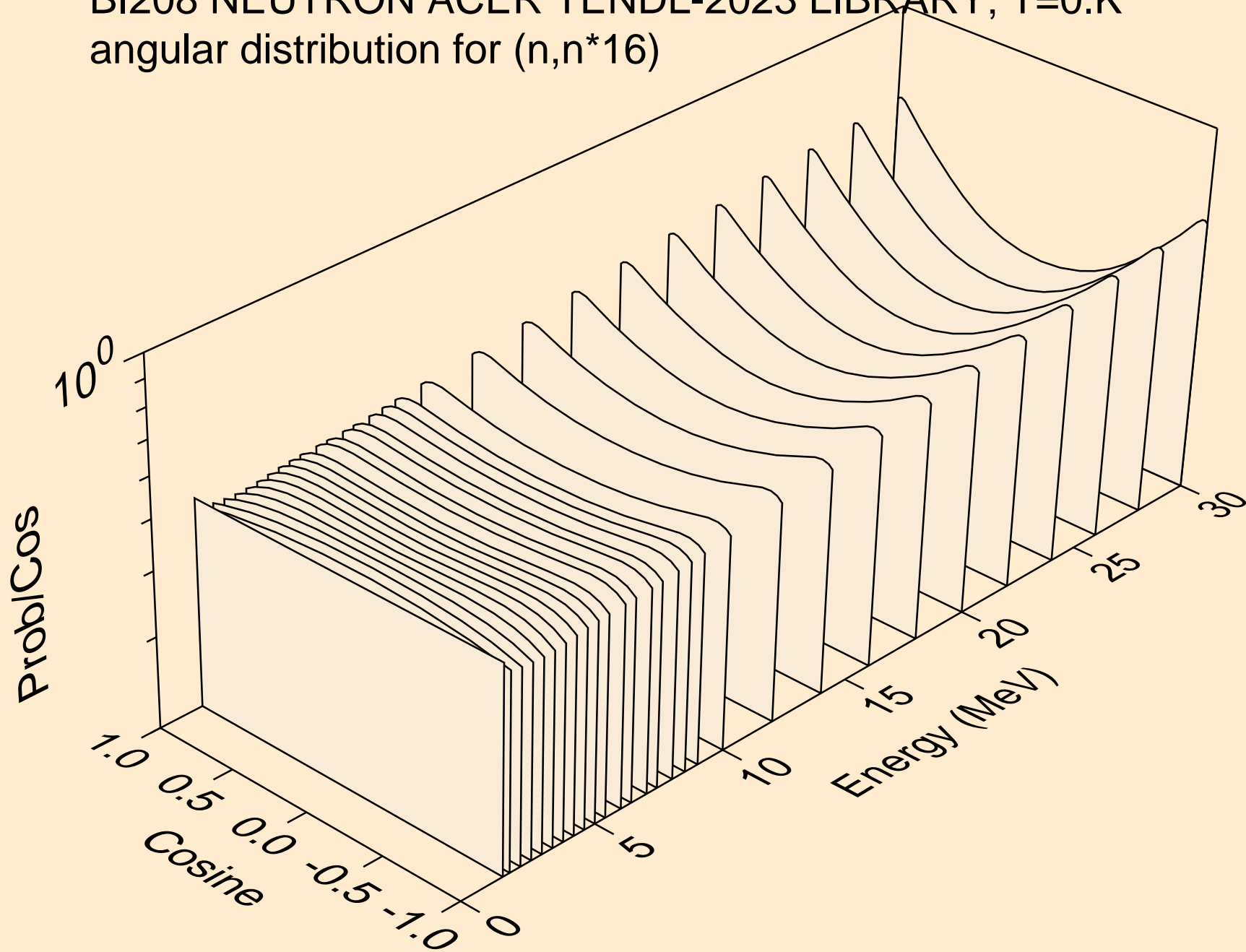
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angular distribution for (n,n\*14)



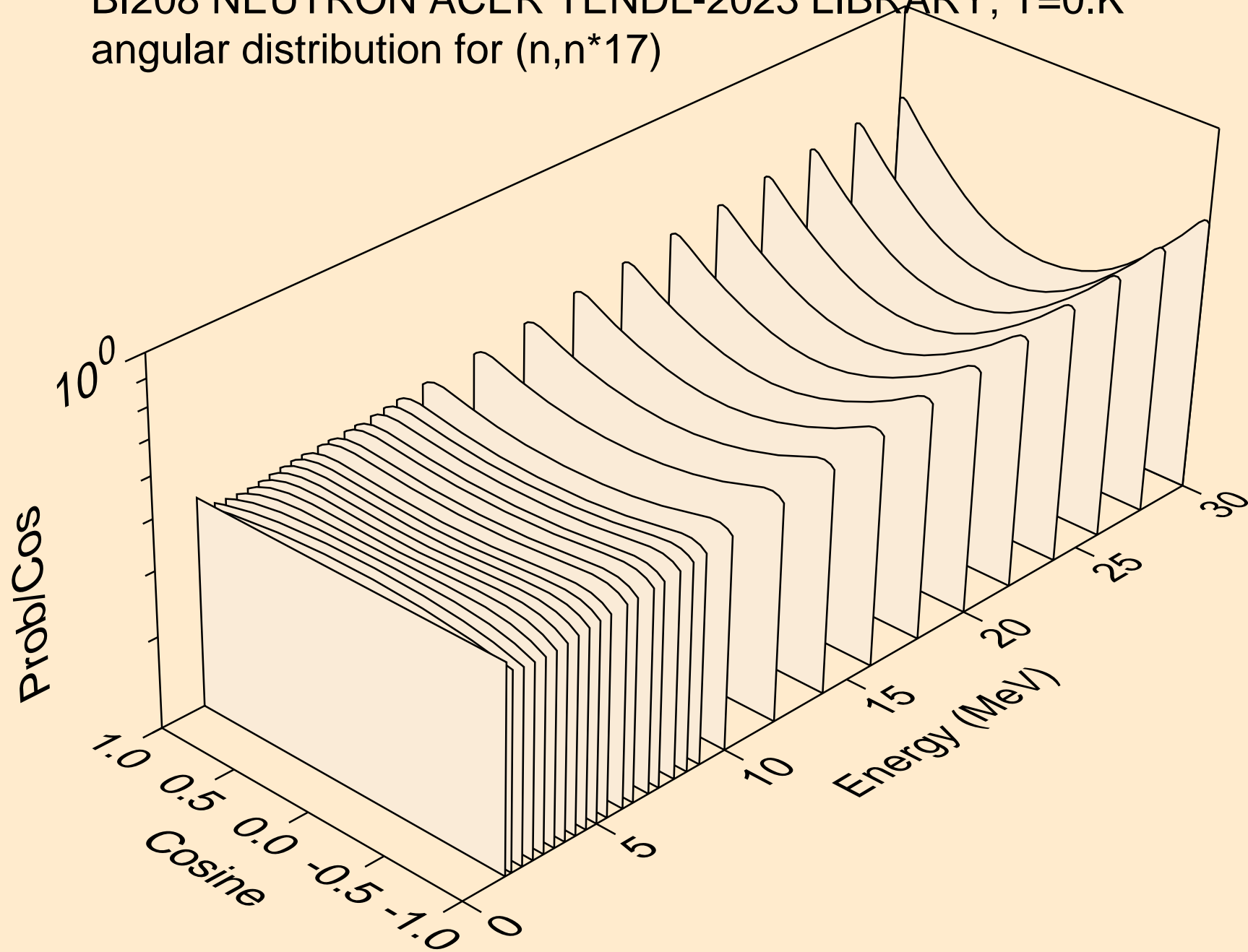
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angular distribution for (n,n\*15)



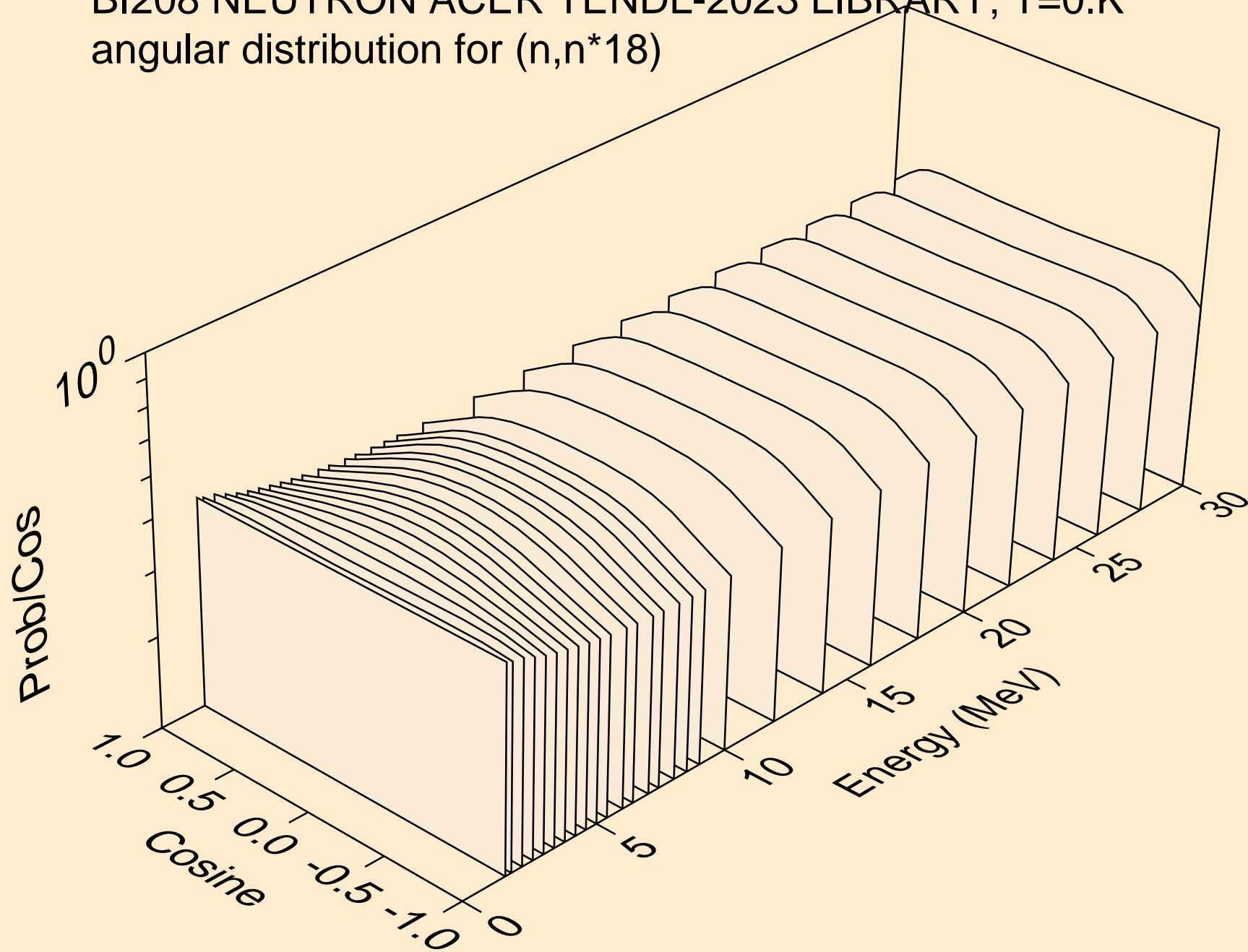
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angular distribution for (n,n\*16)



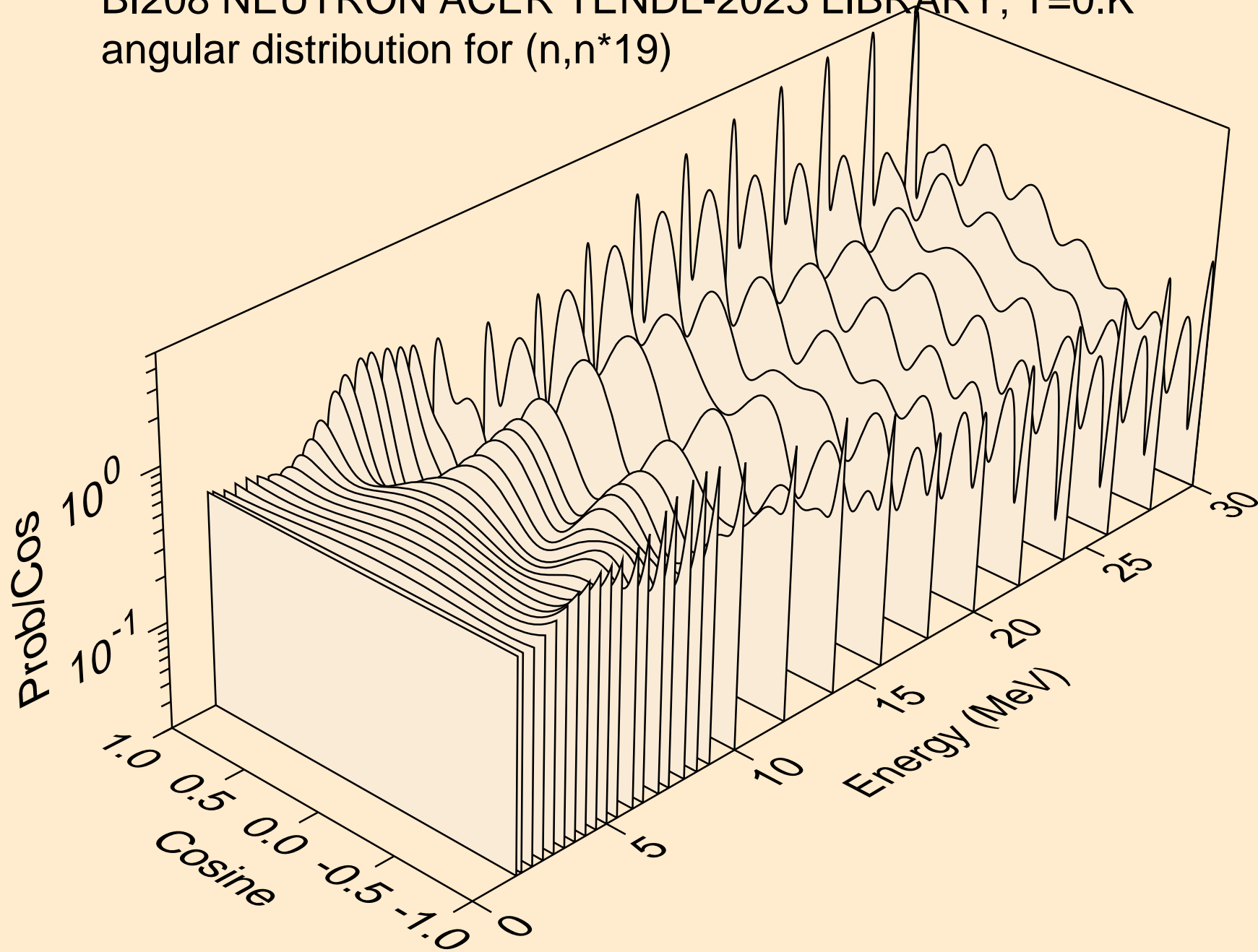
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

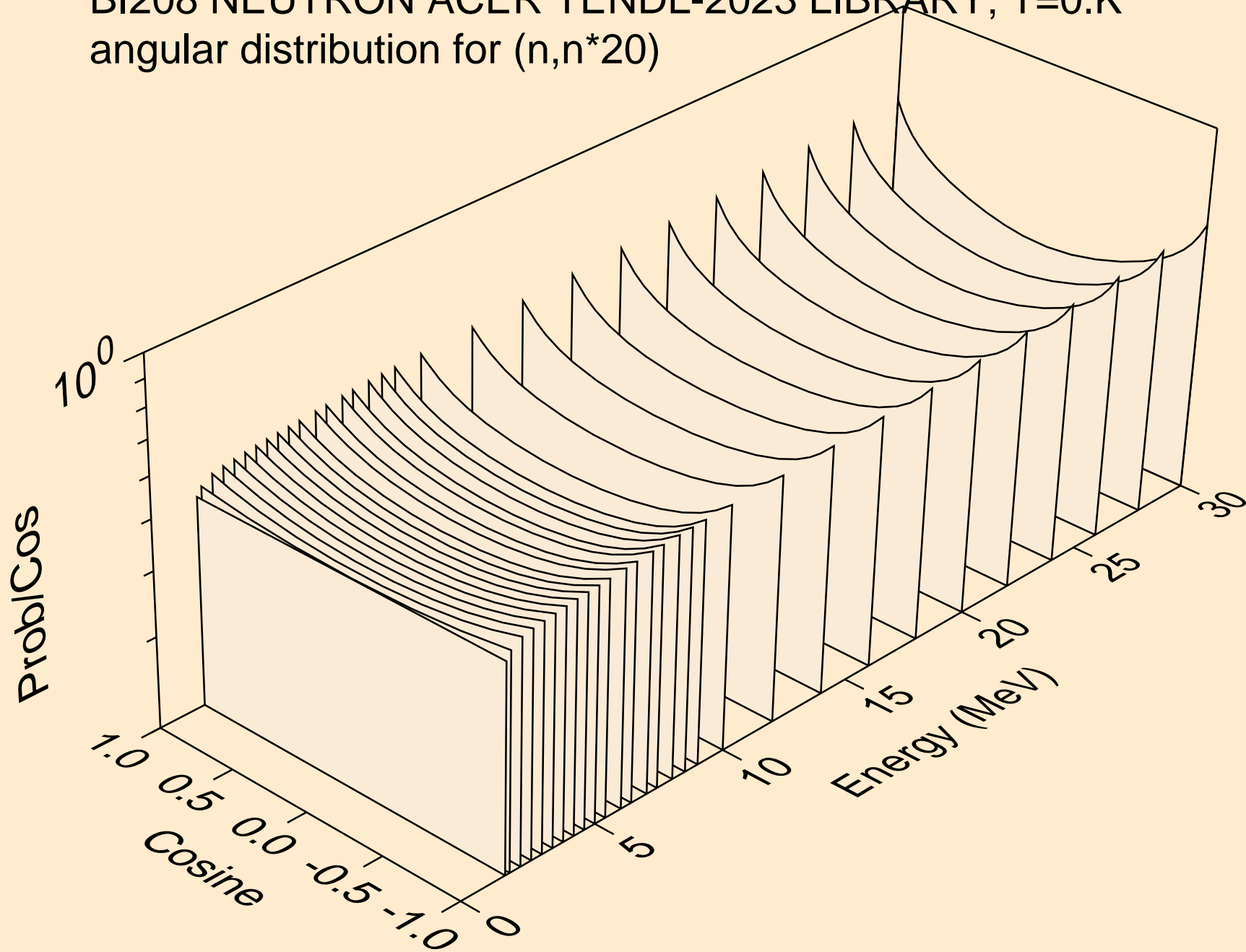


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

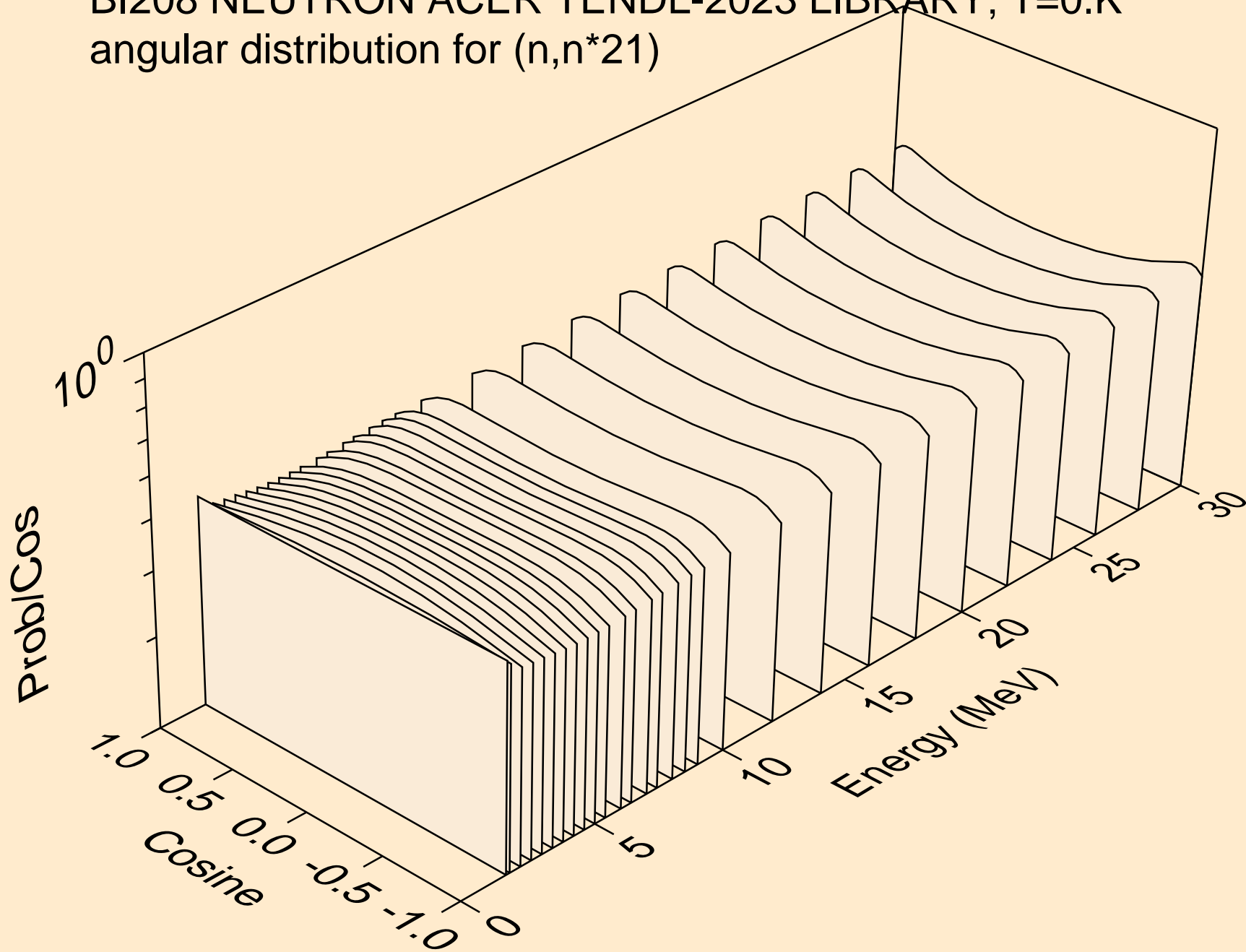




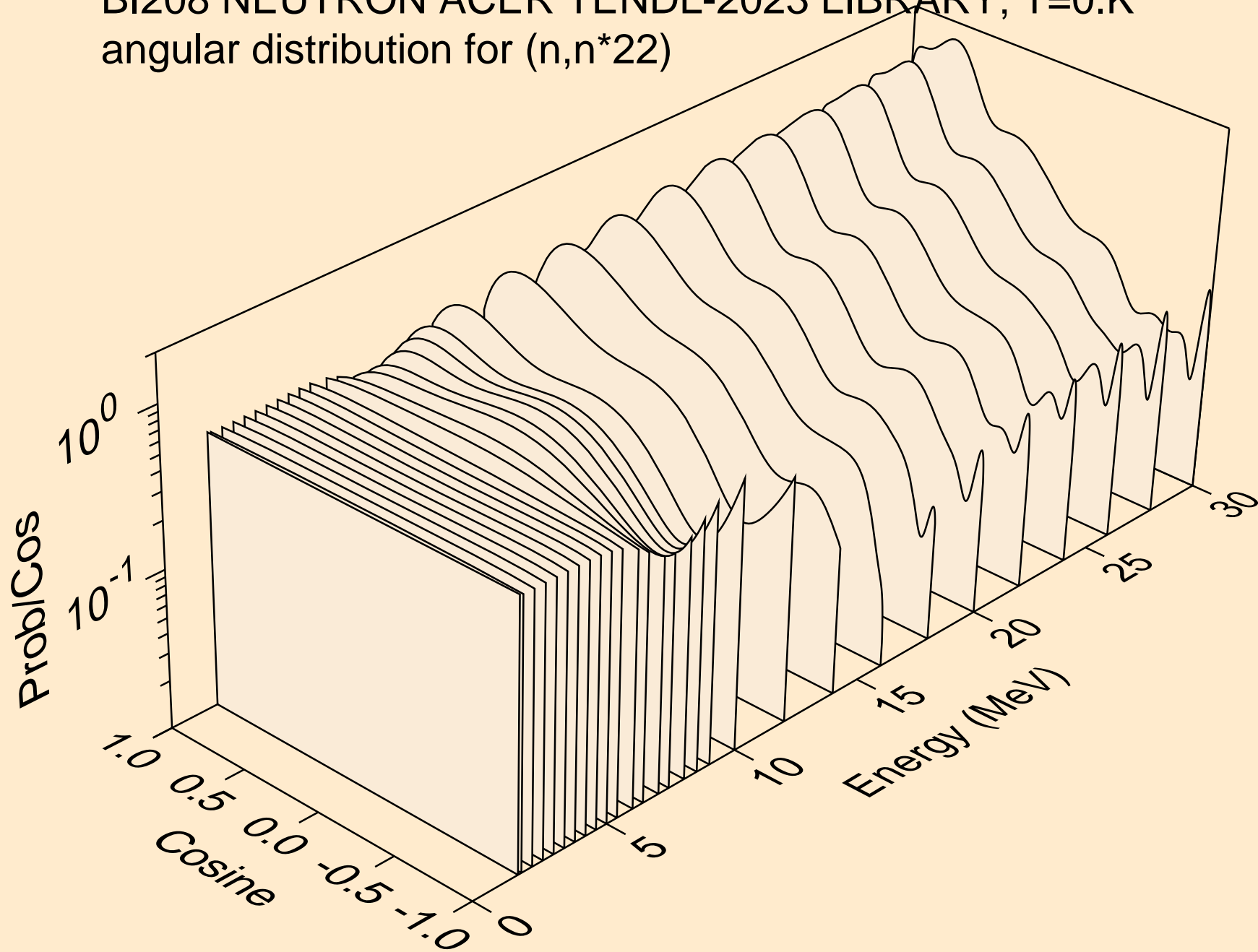
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angular distribution for (n,n\*20)



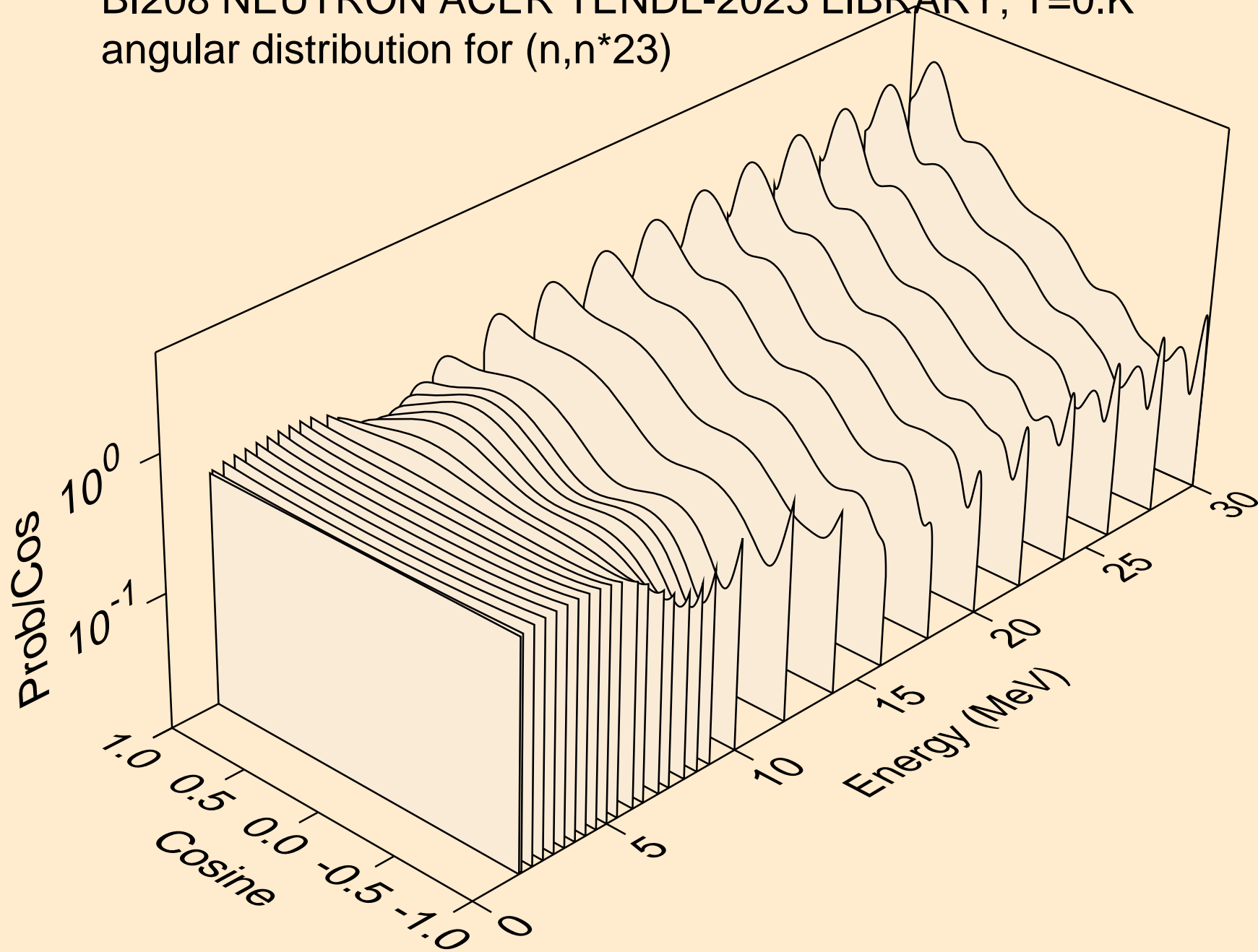
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angular distribution for (n,n\*21)



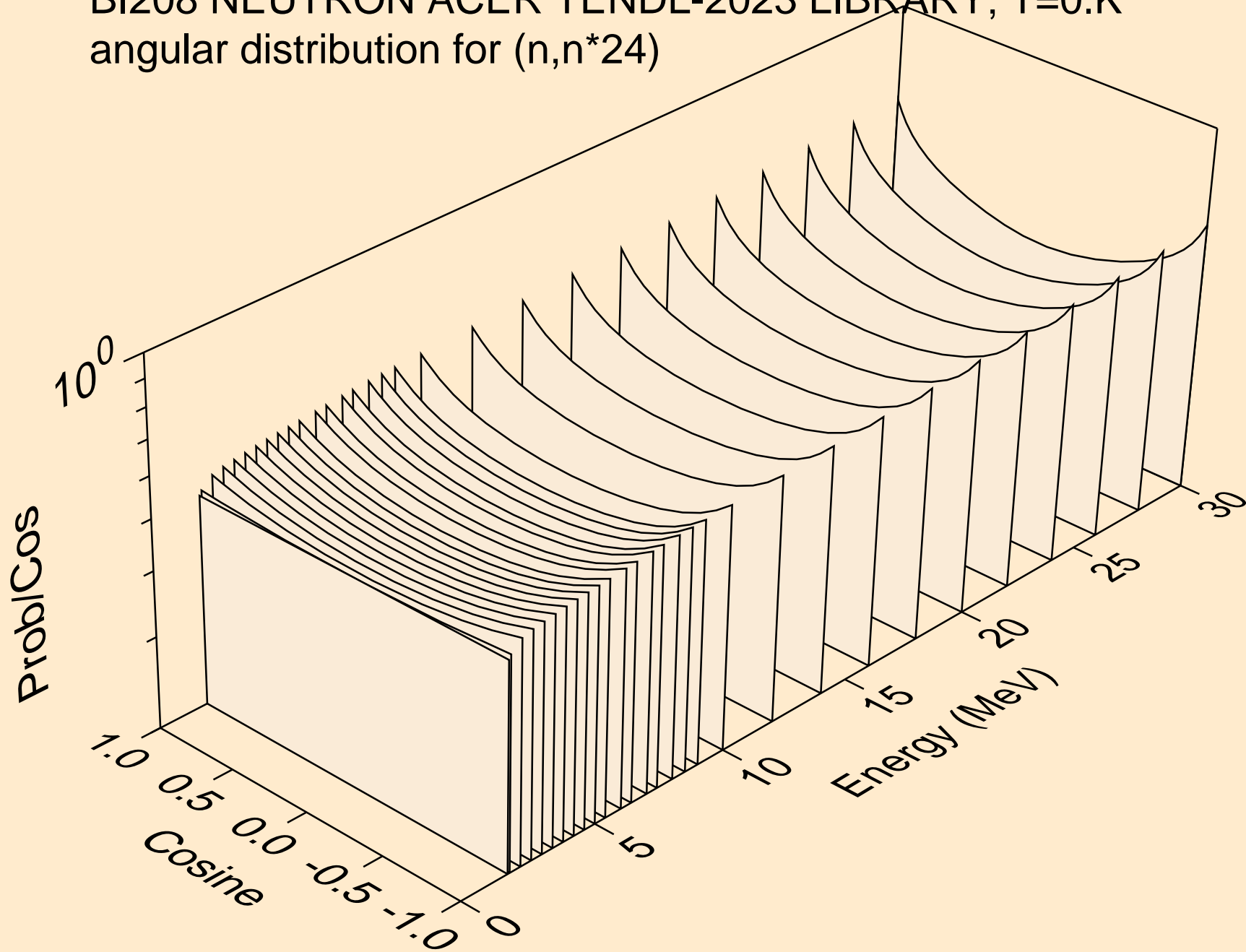
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angular distribution for (n,n\*22)



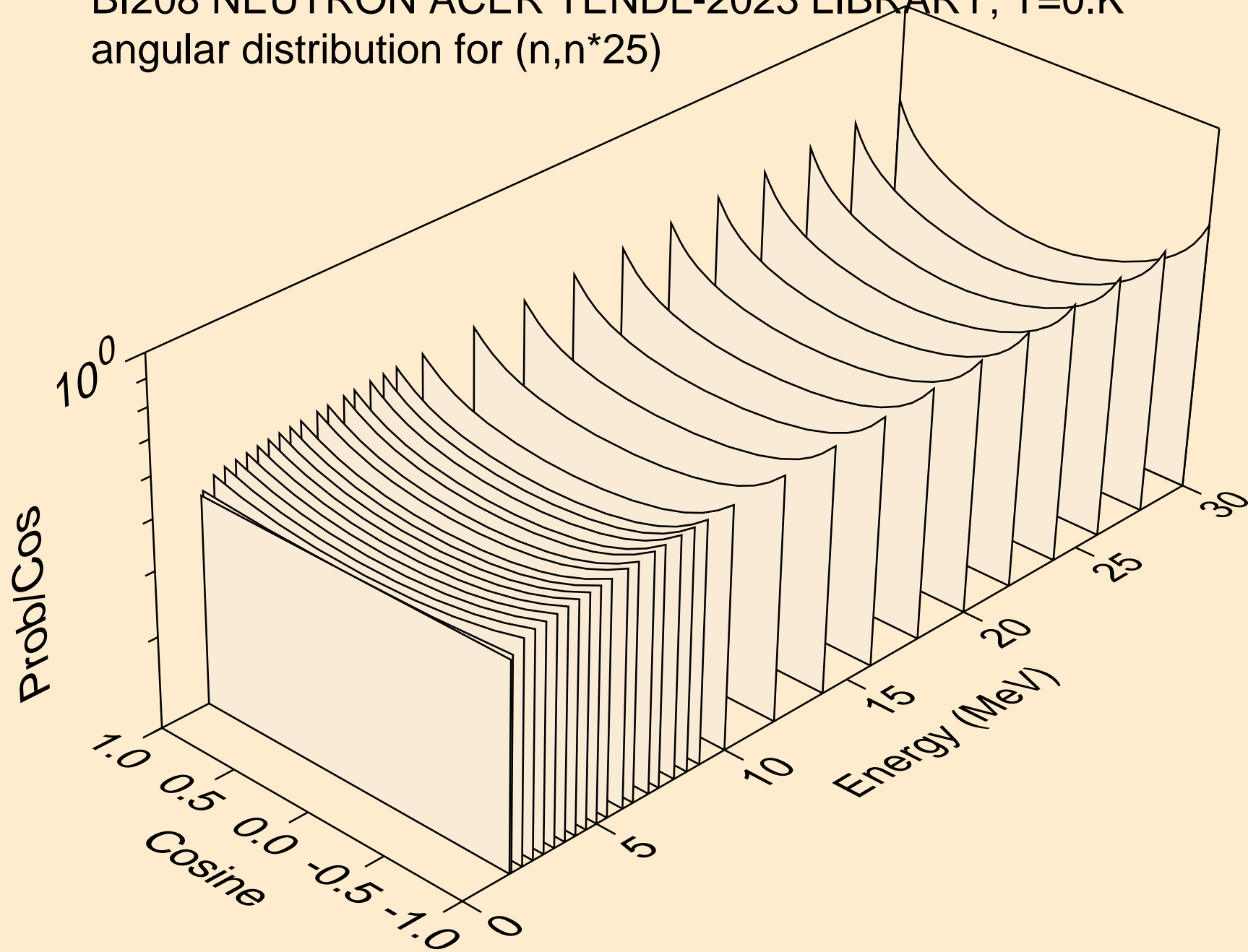
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angular distribution for (n,n\*23)



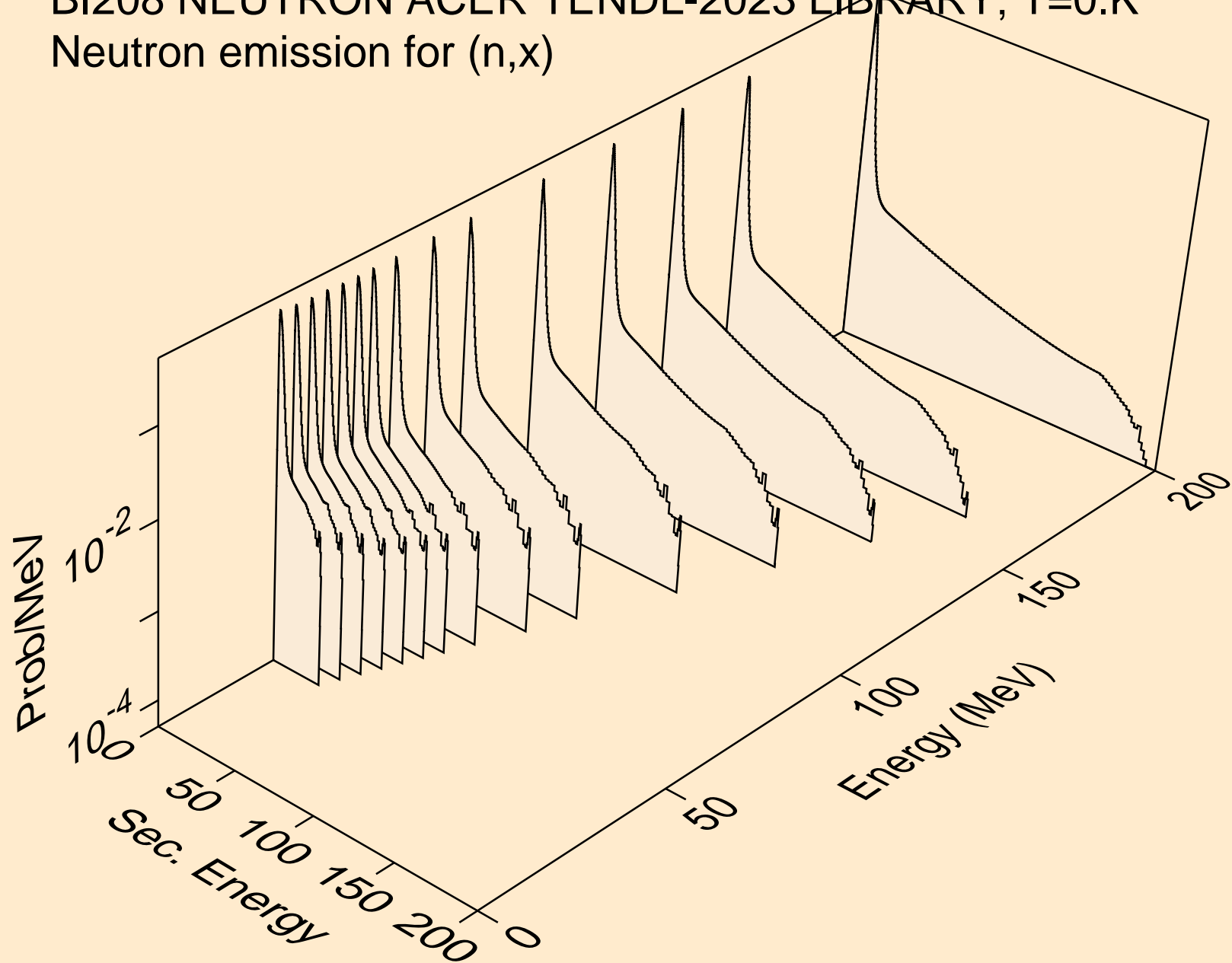
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angular distribution for (n,n\*24)



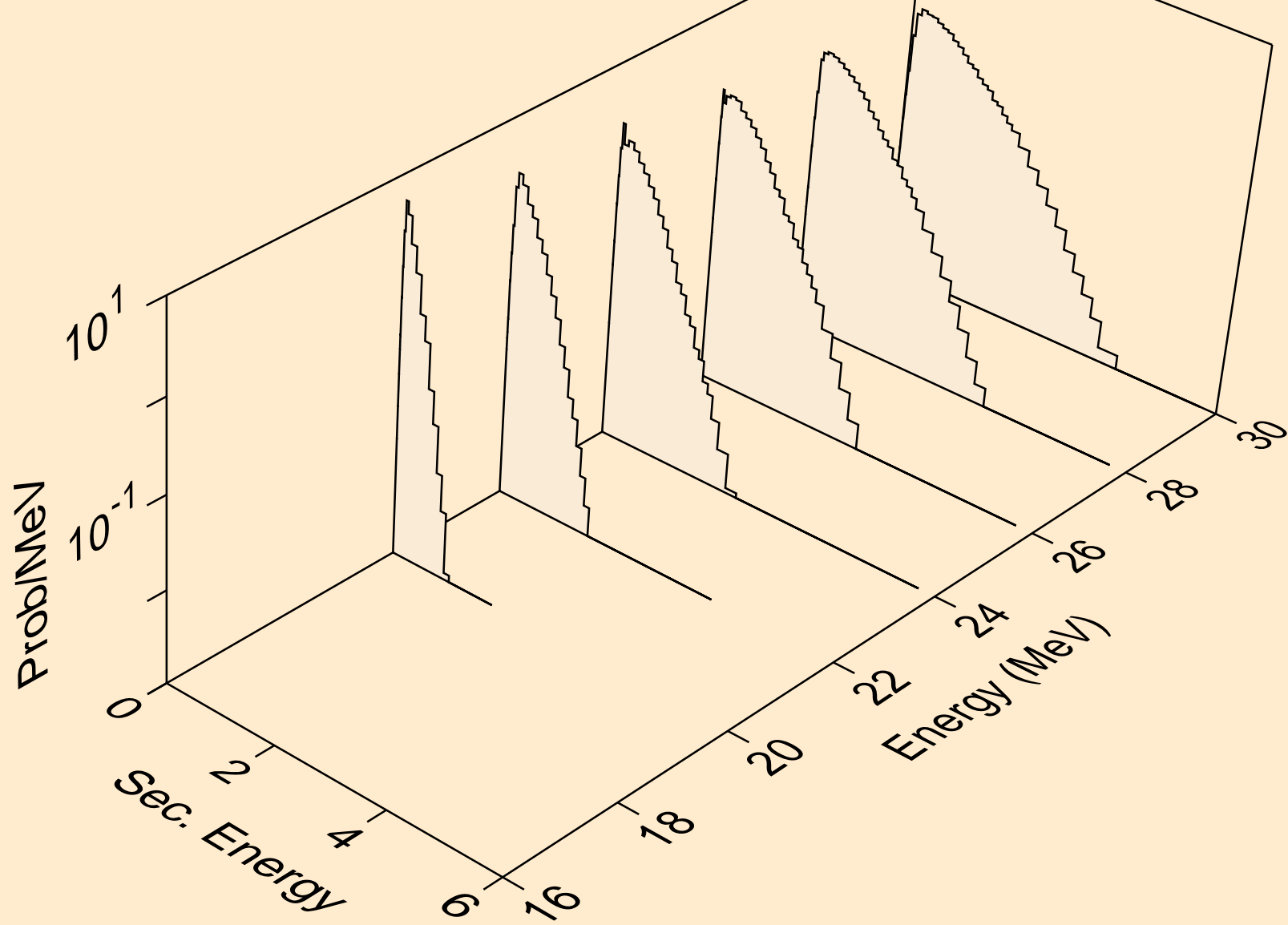
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

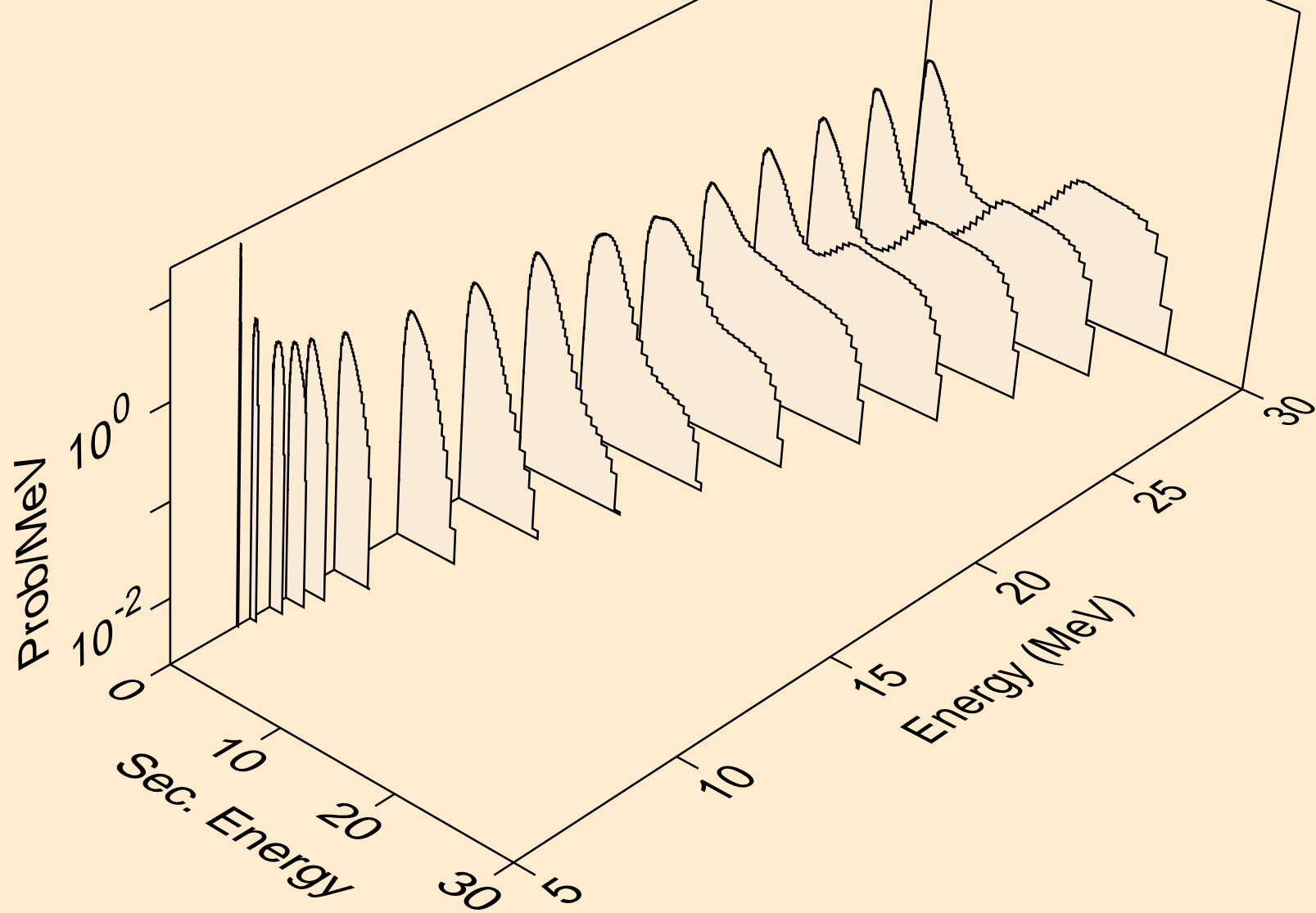


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

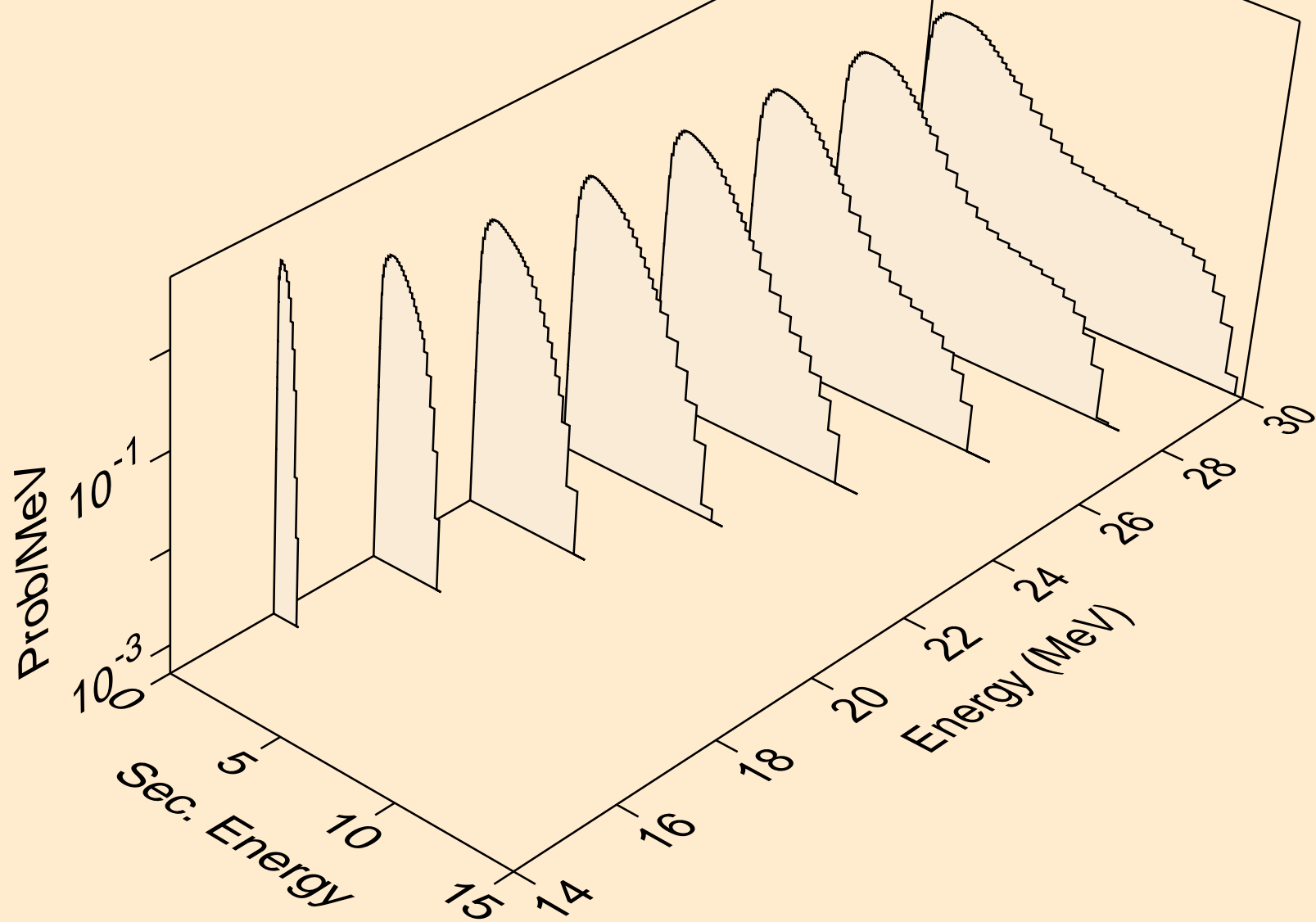




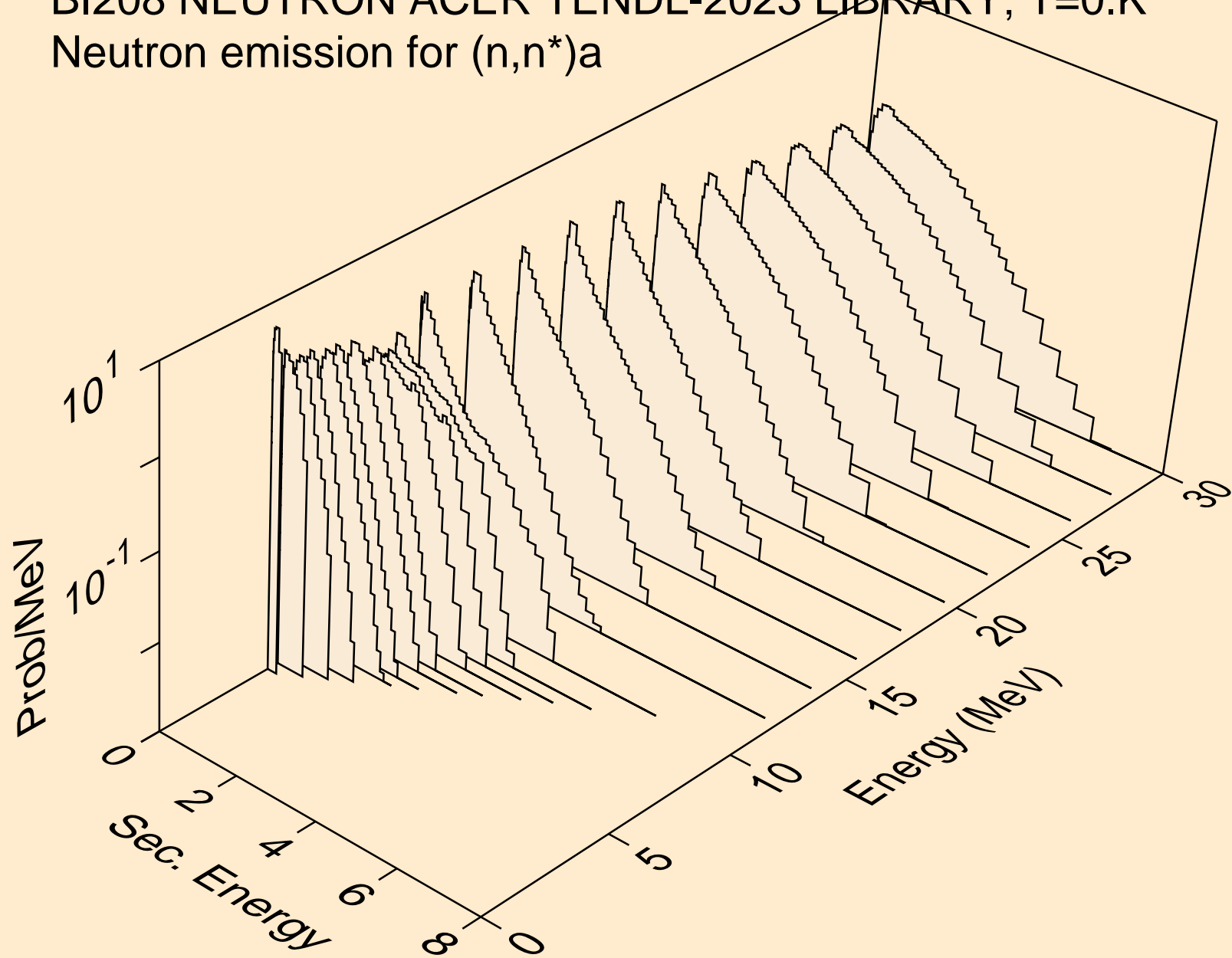
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



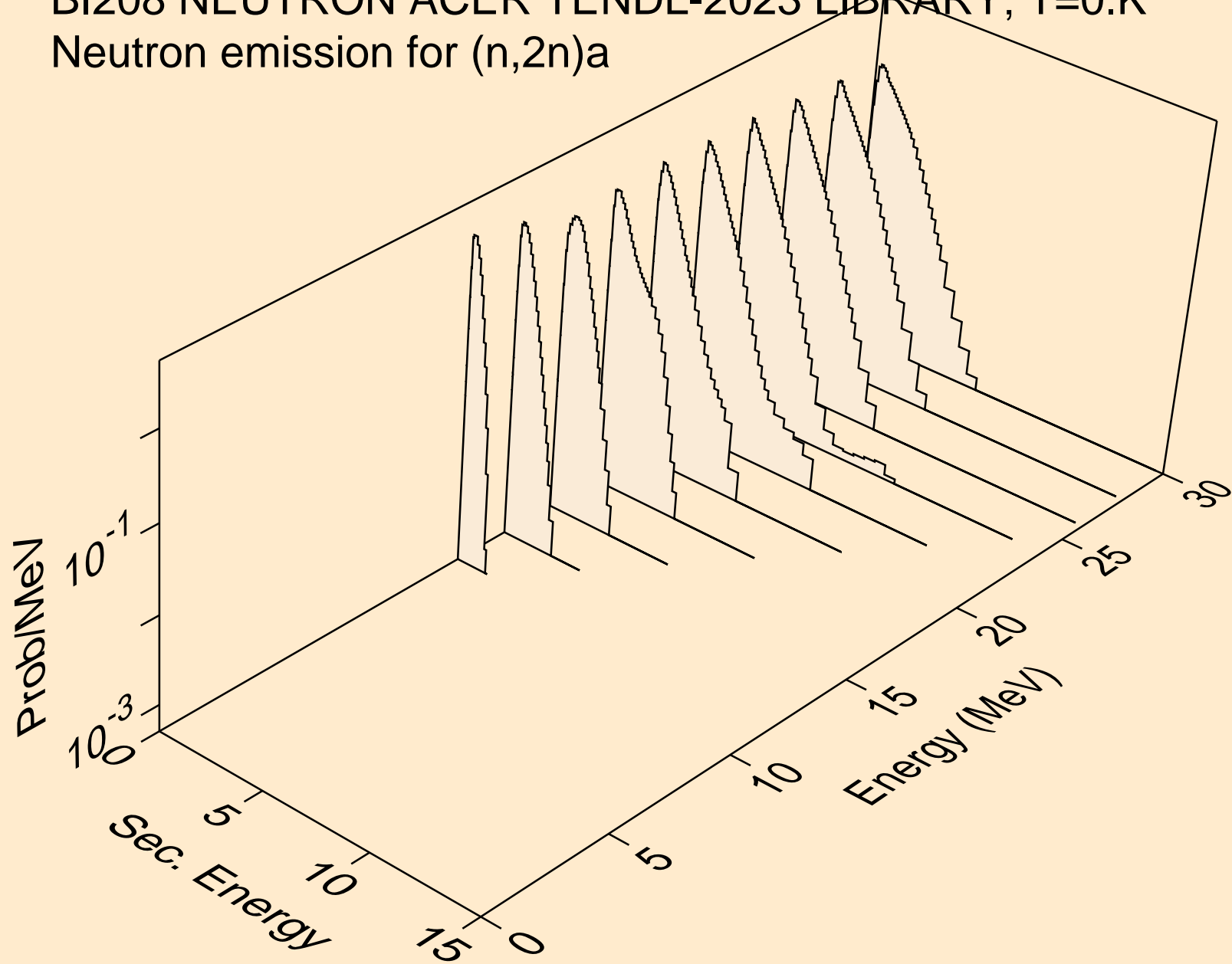
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



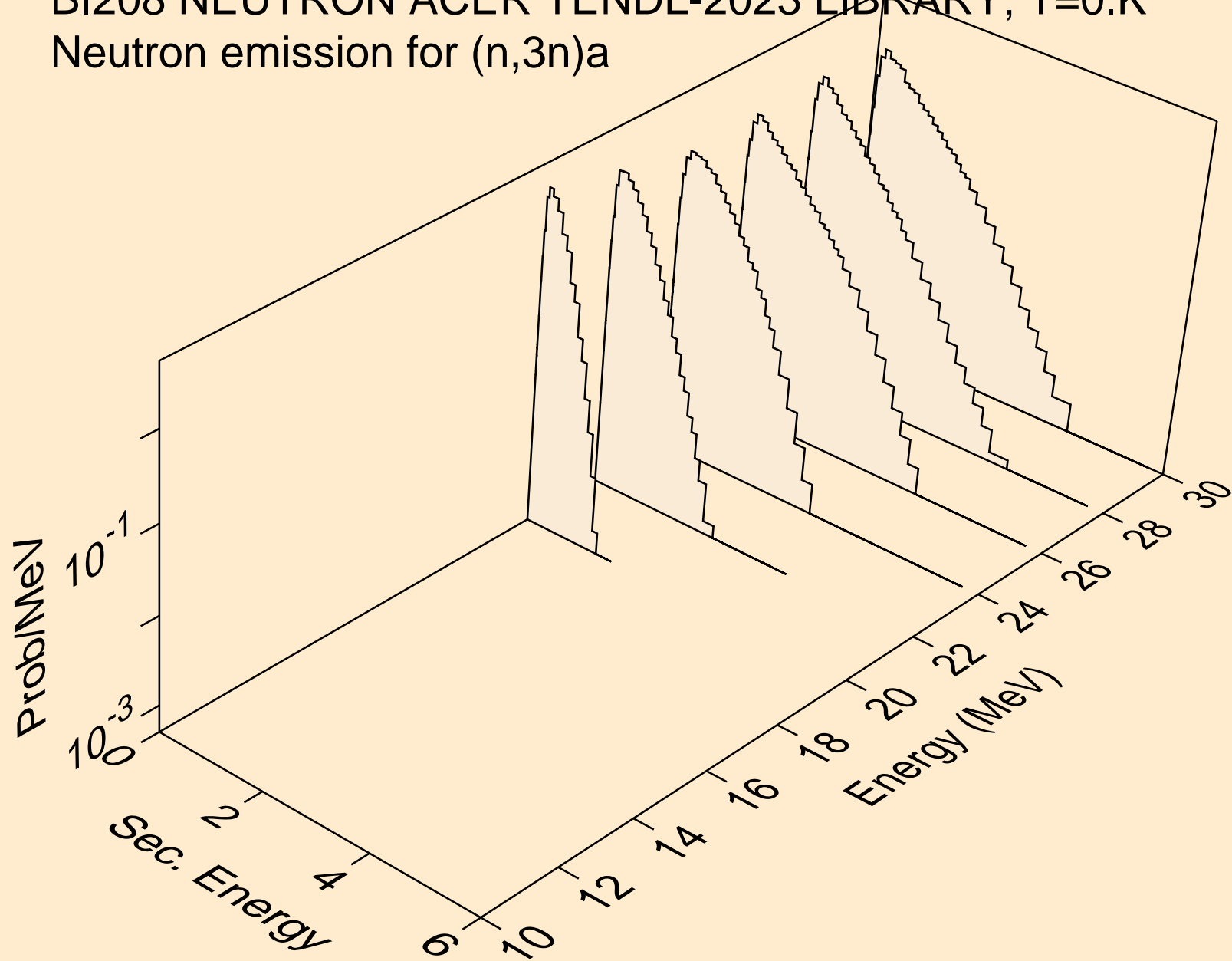
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



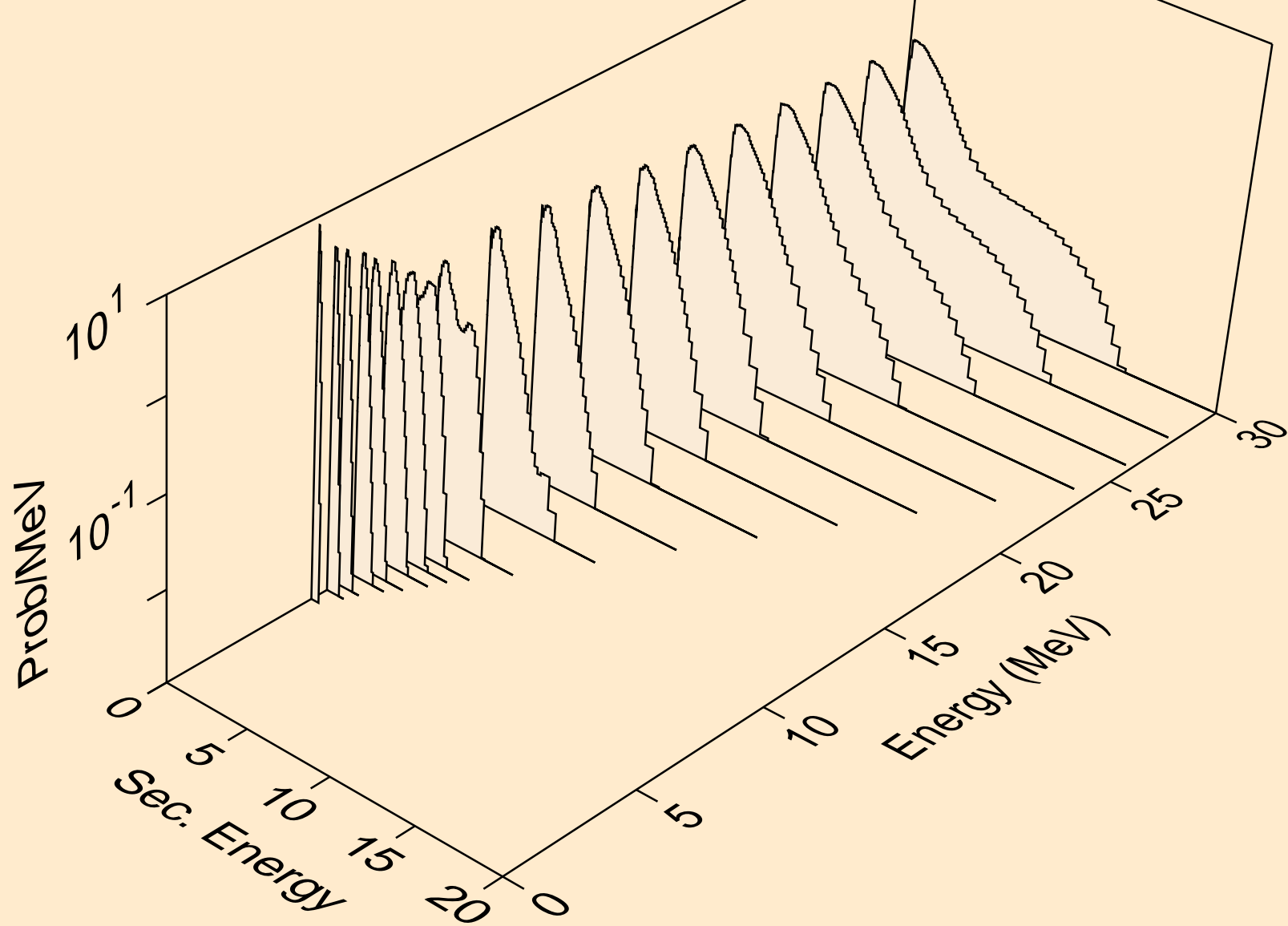
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



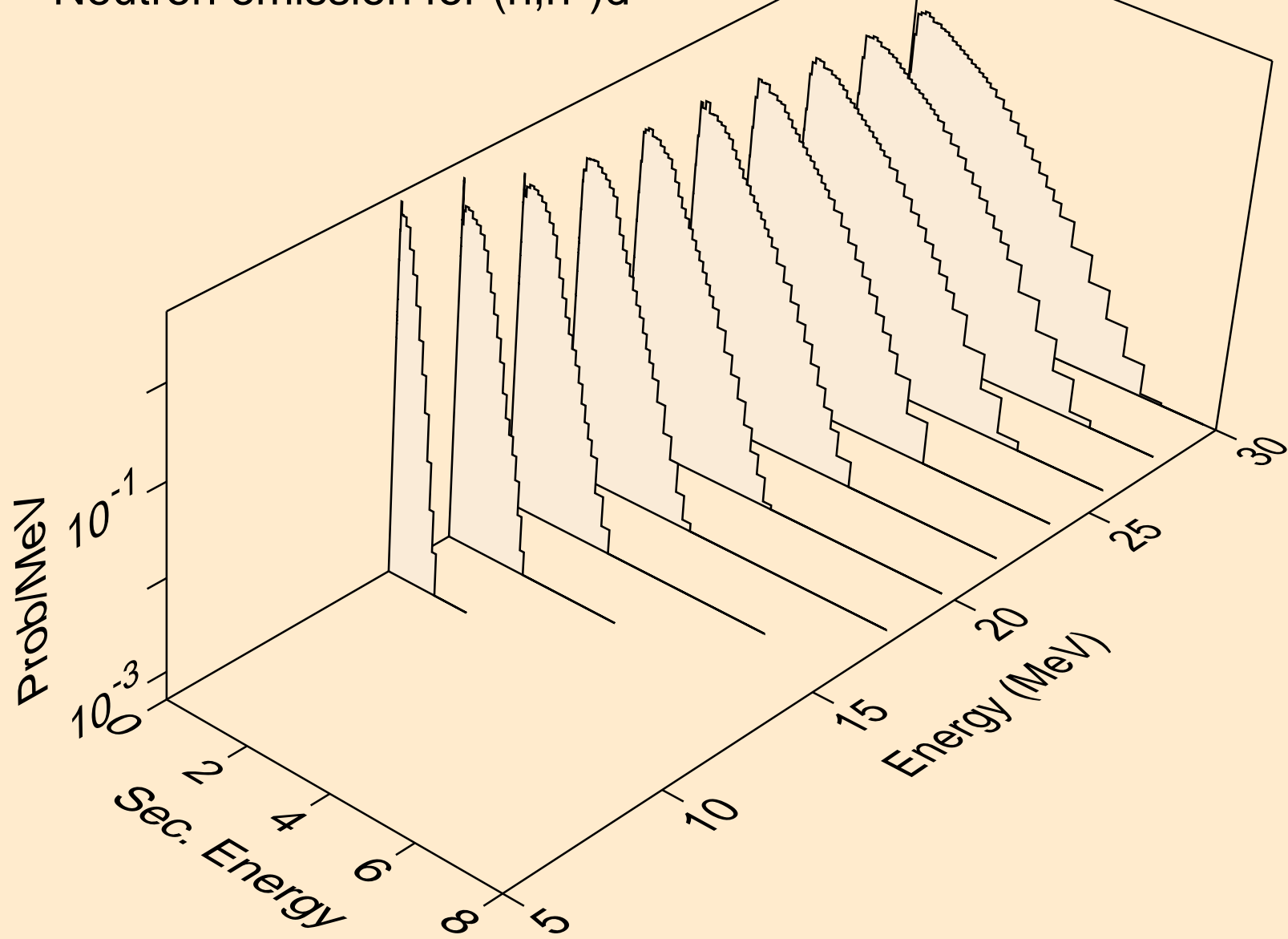
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



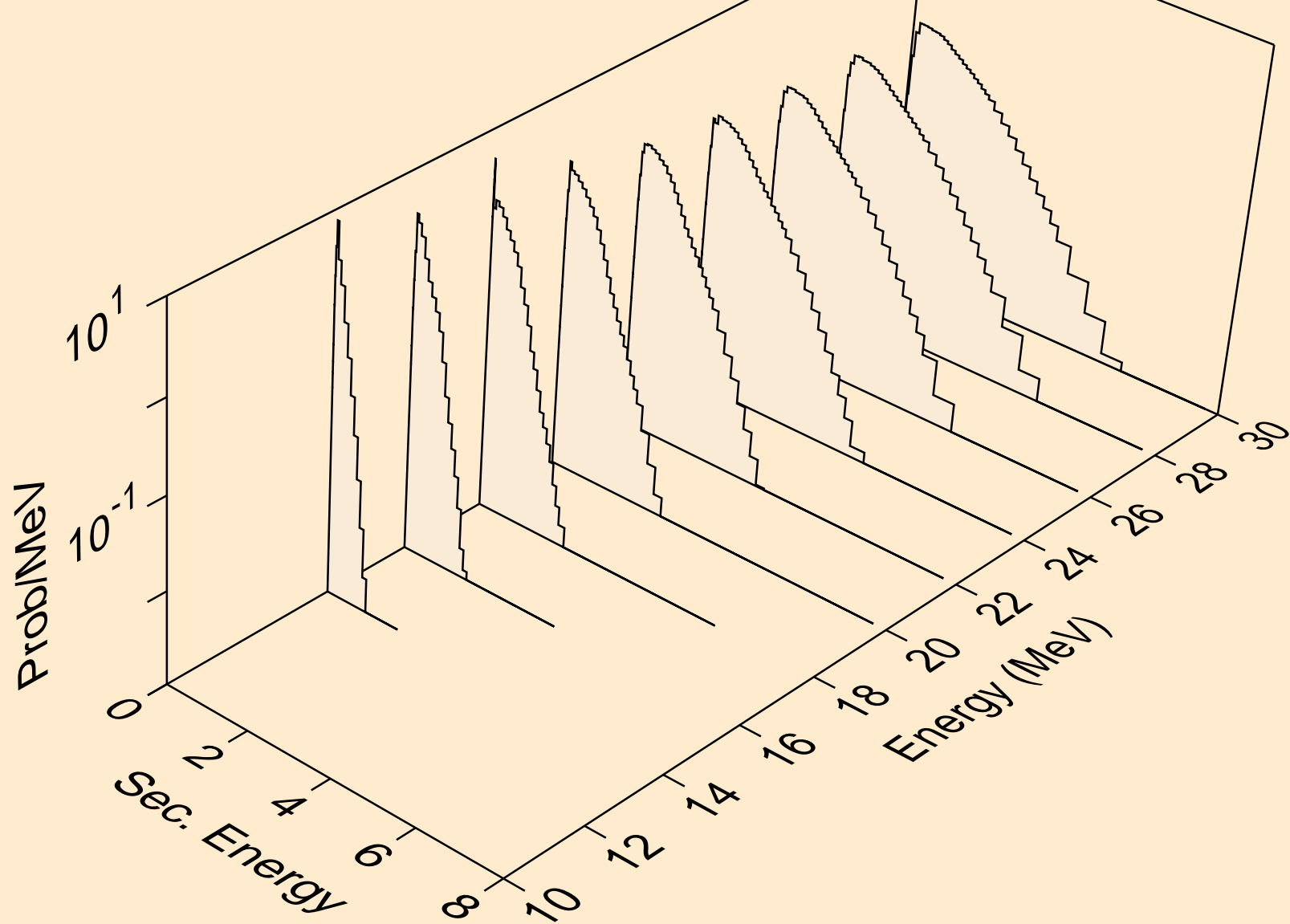
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

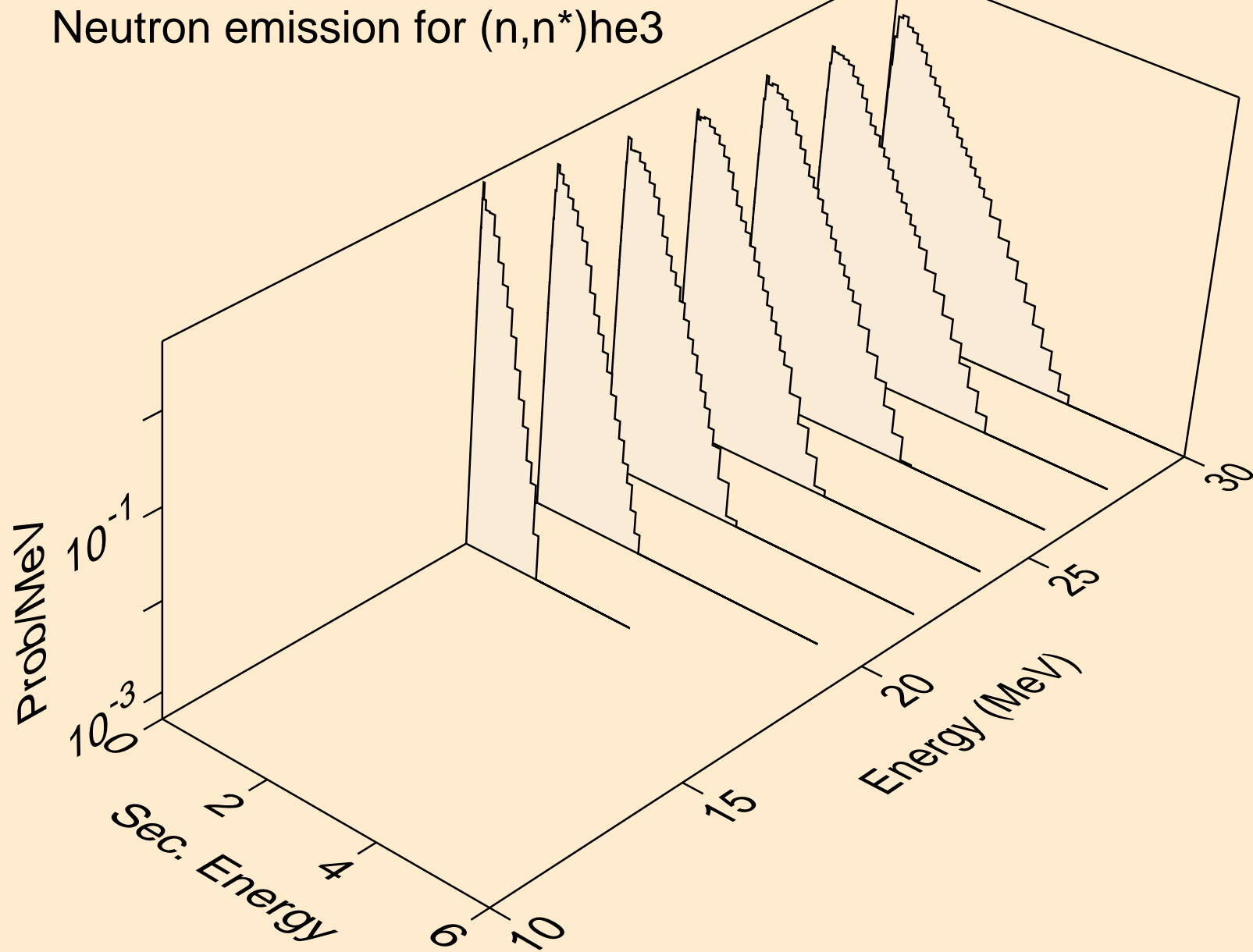


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

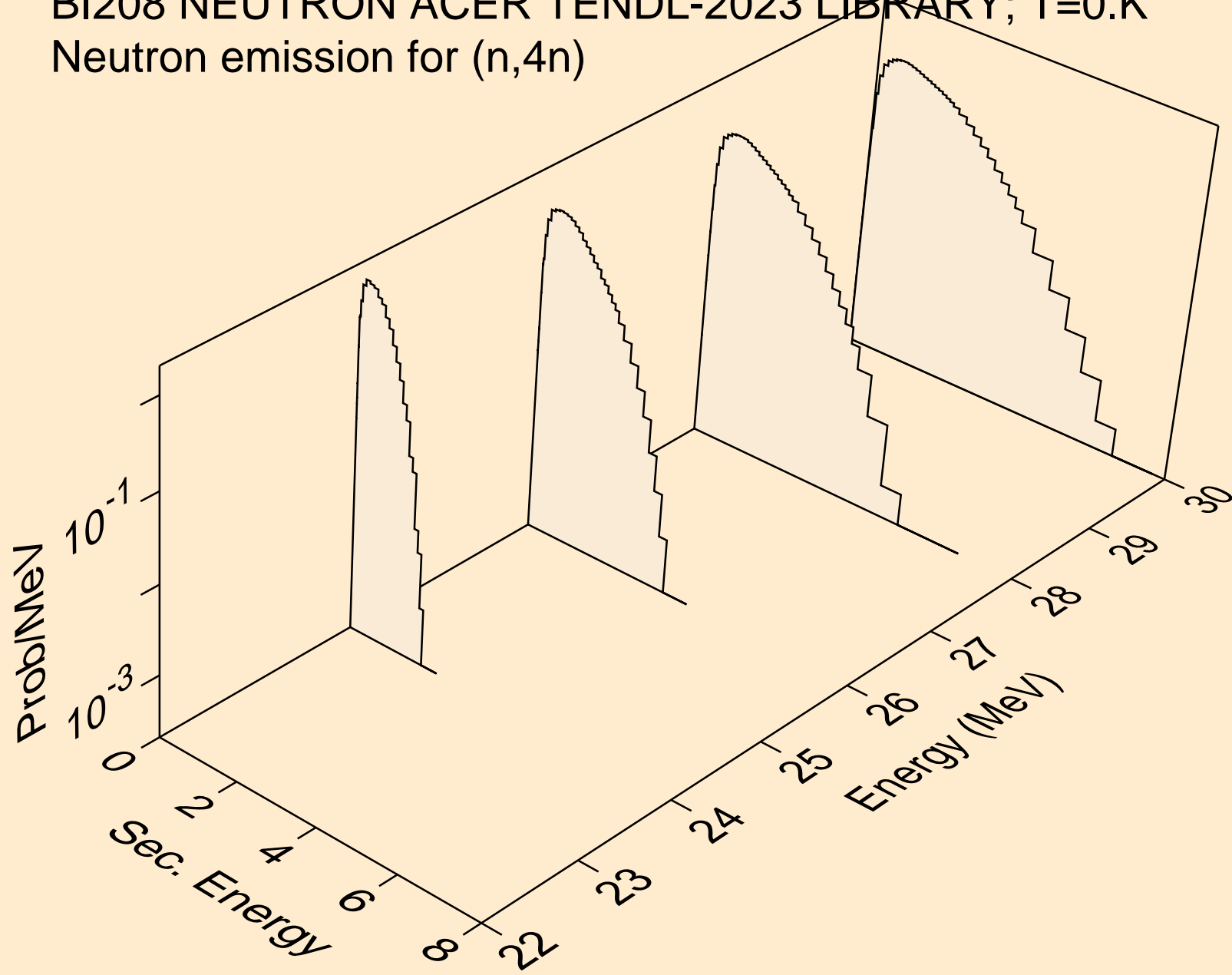




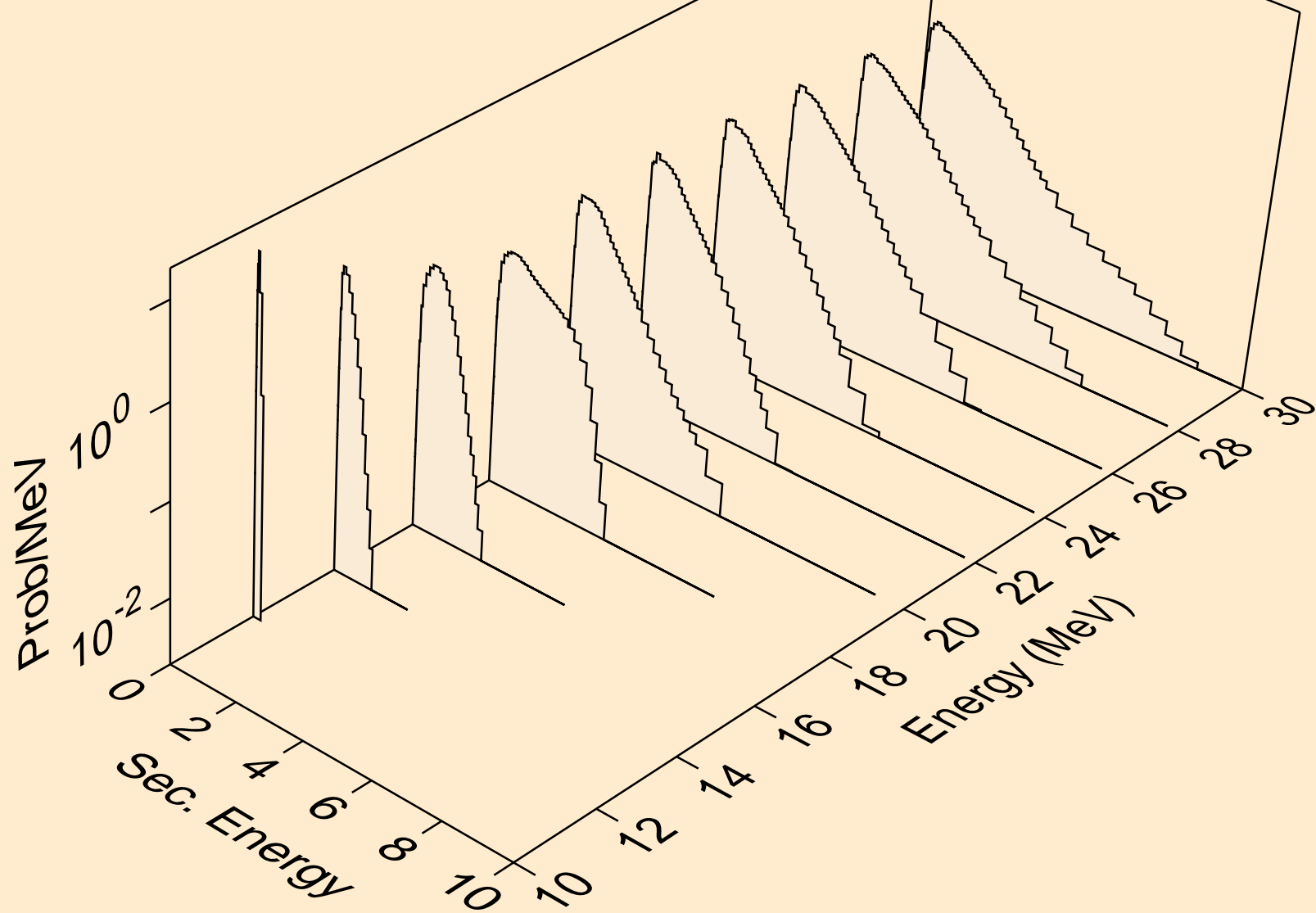
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



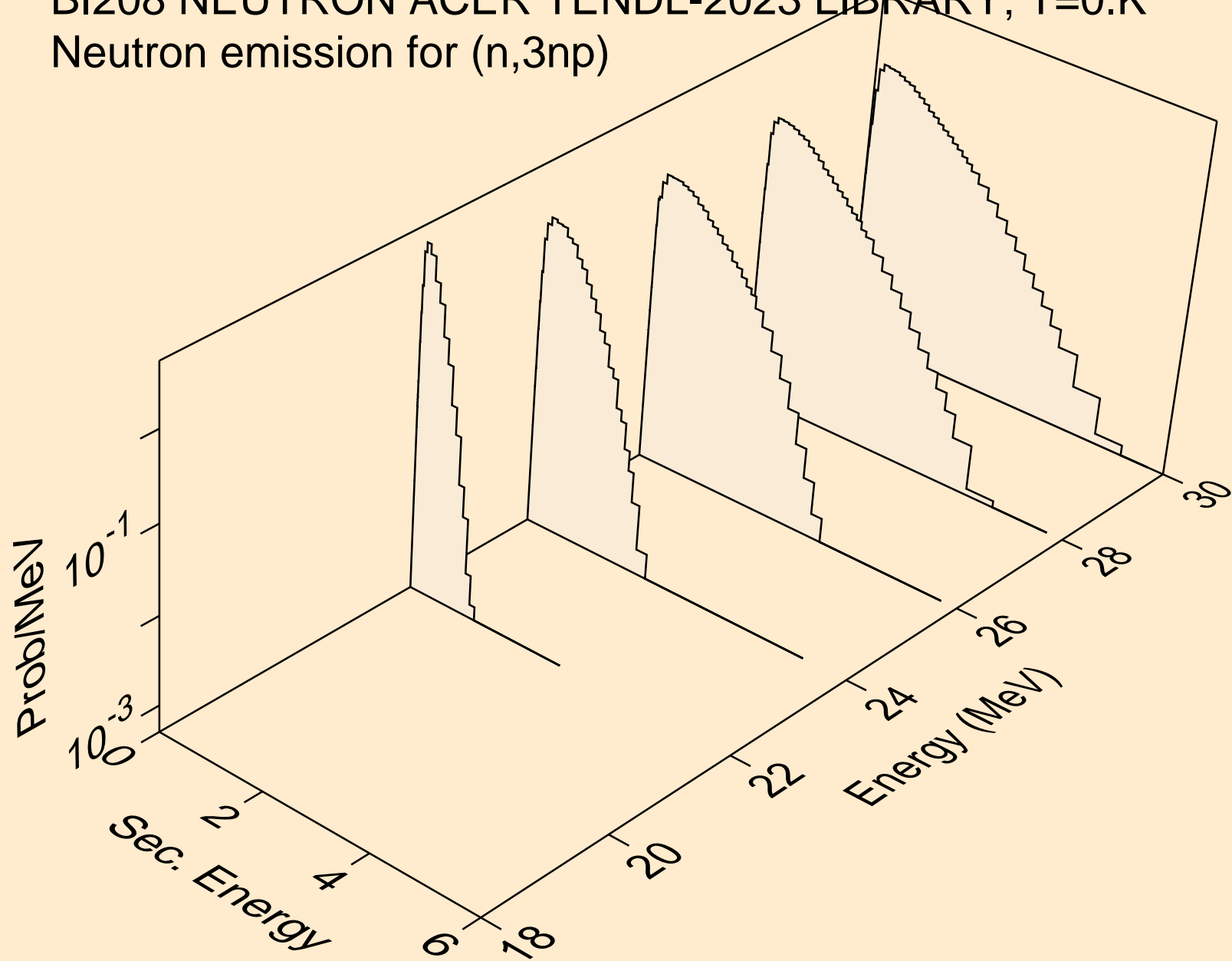
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



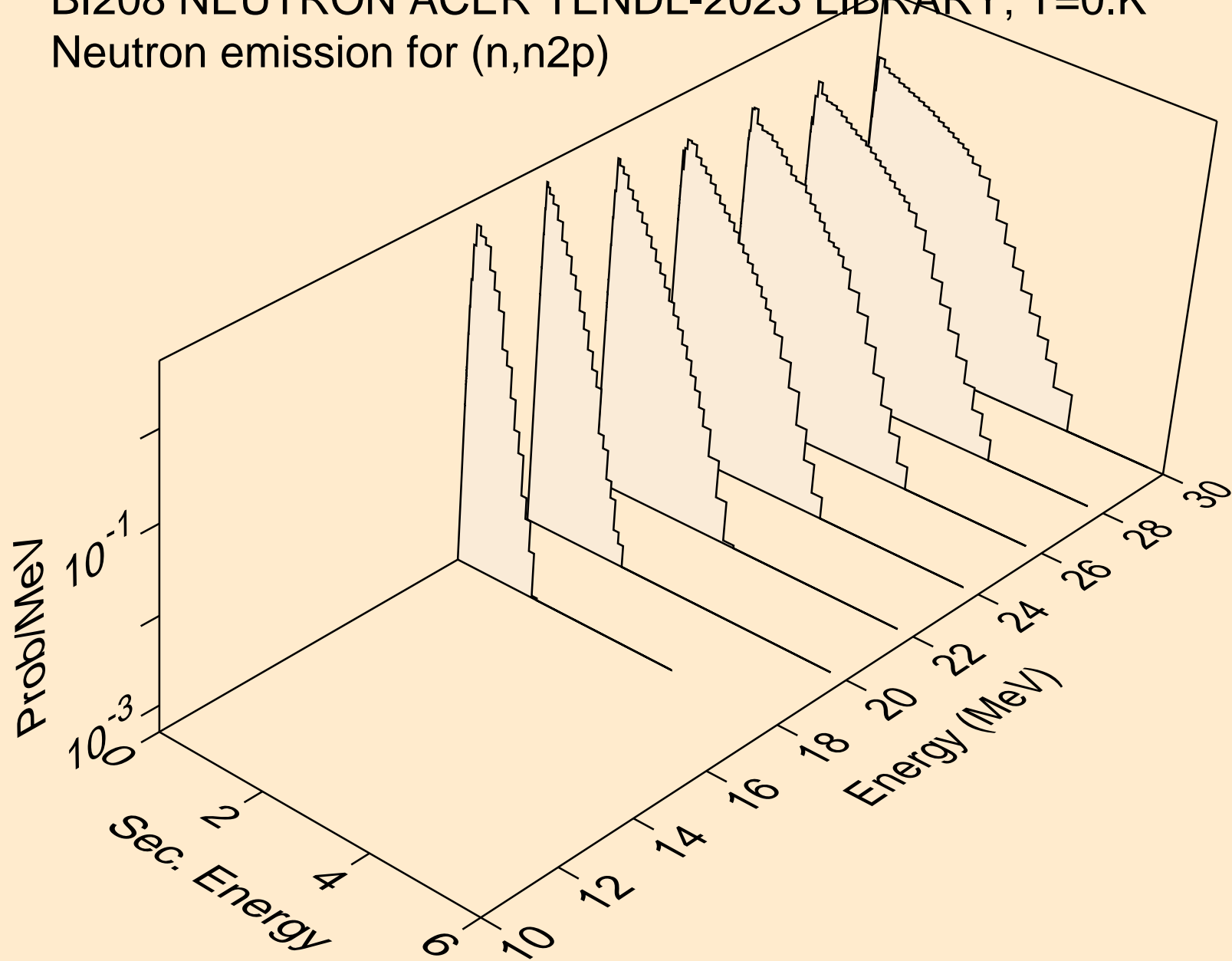
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



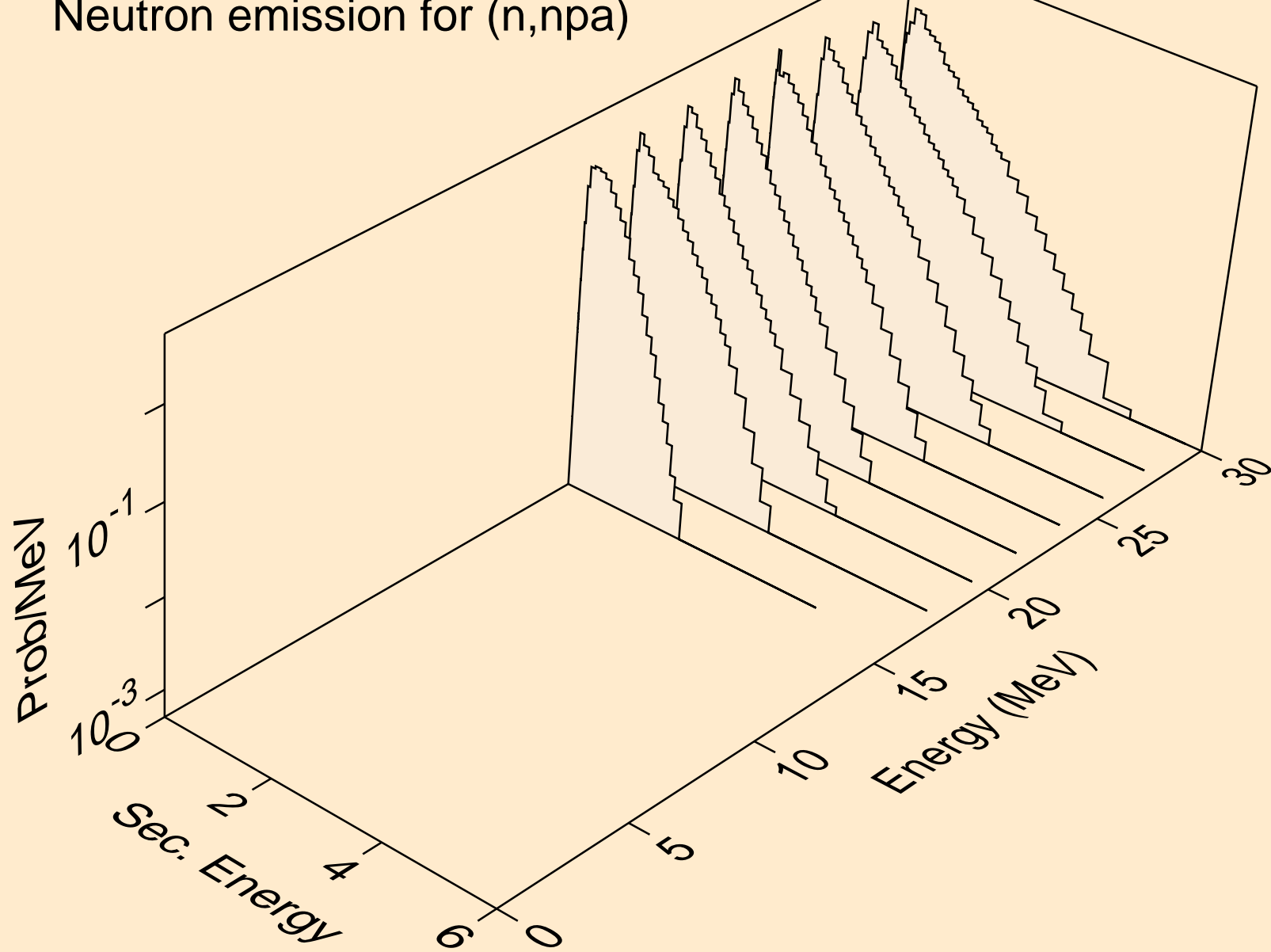
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



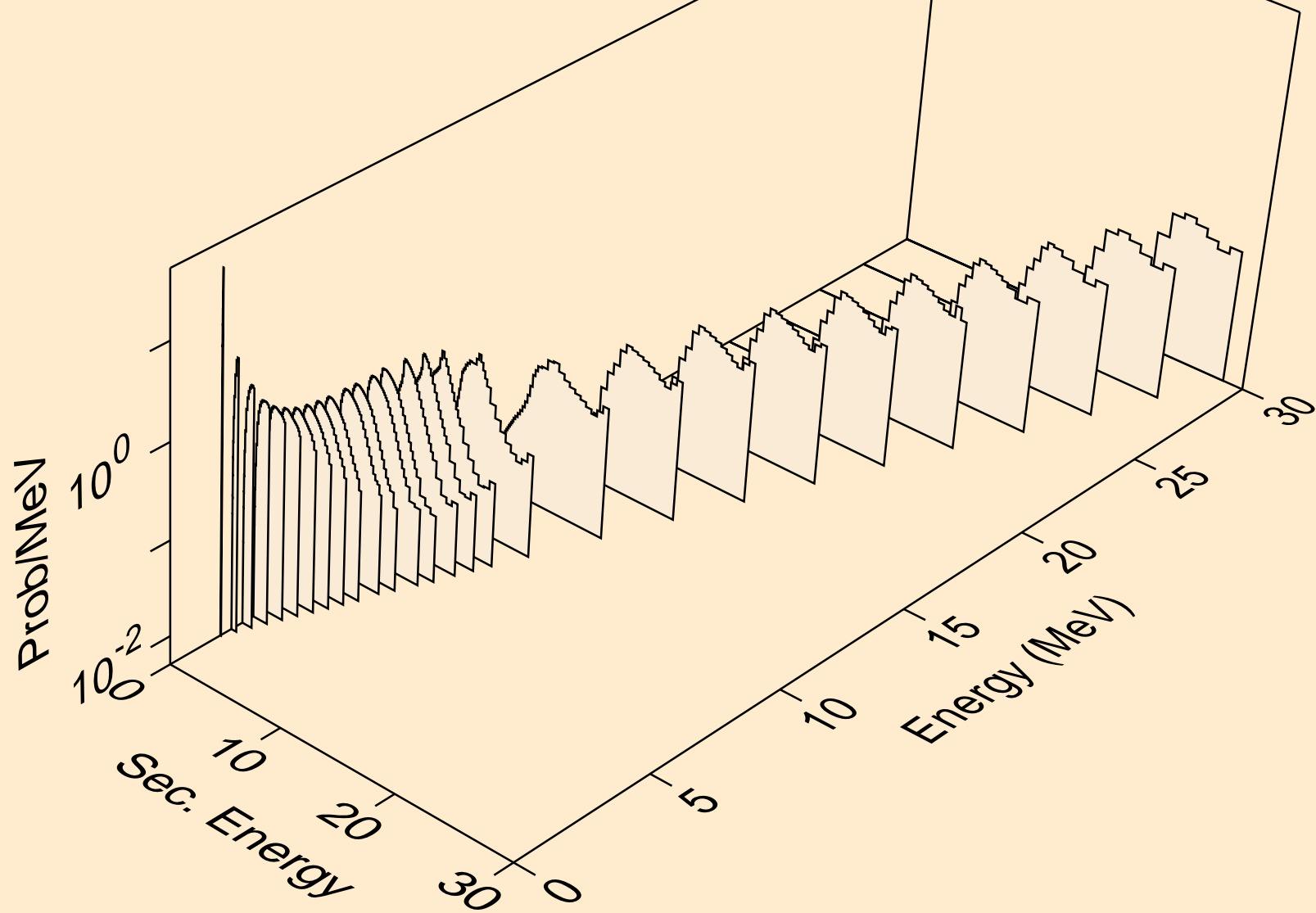
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



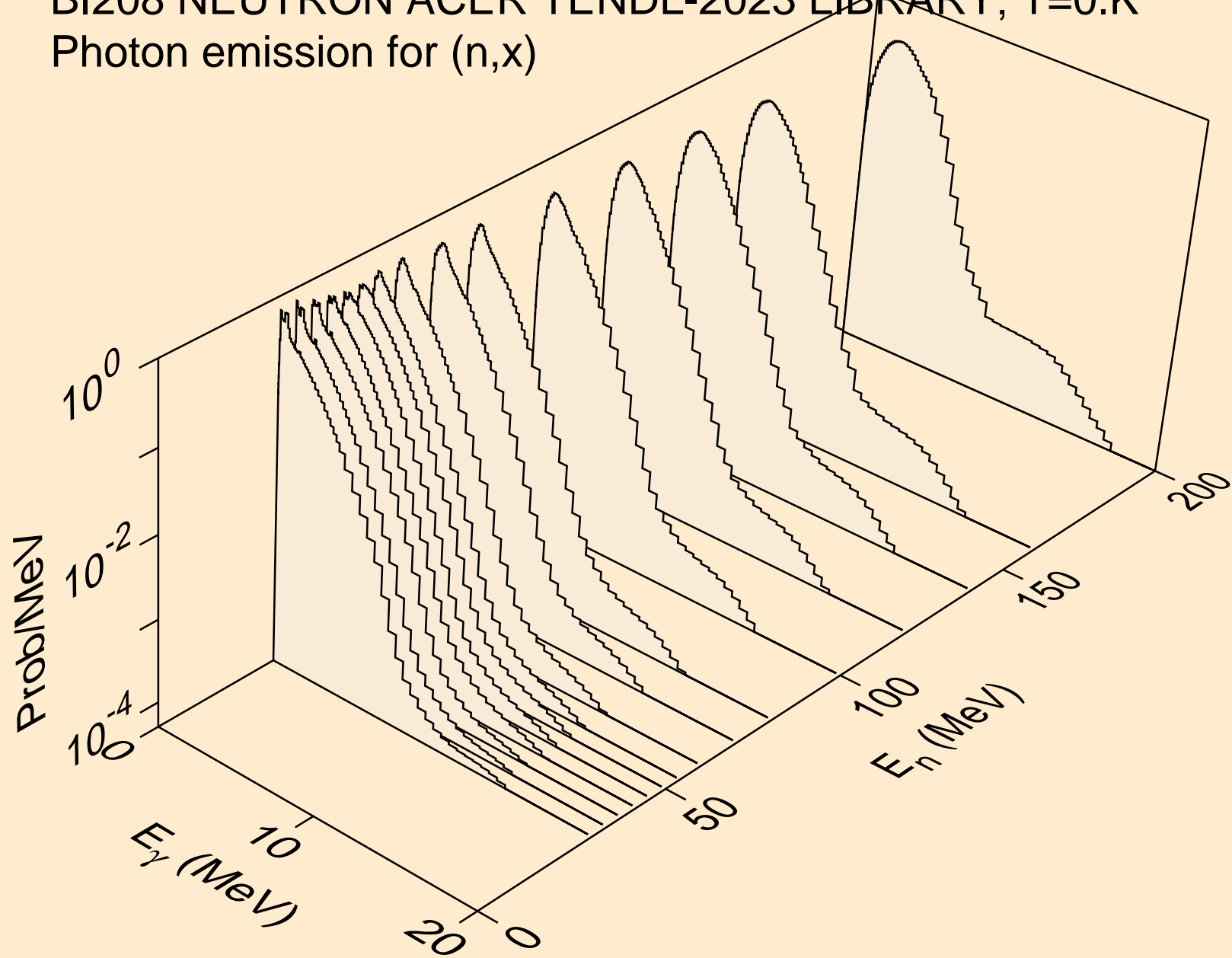
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

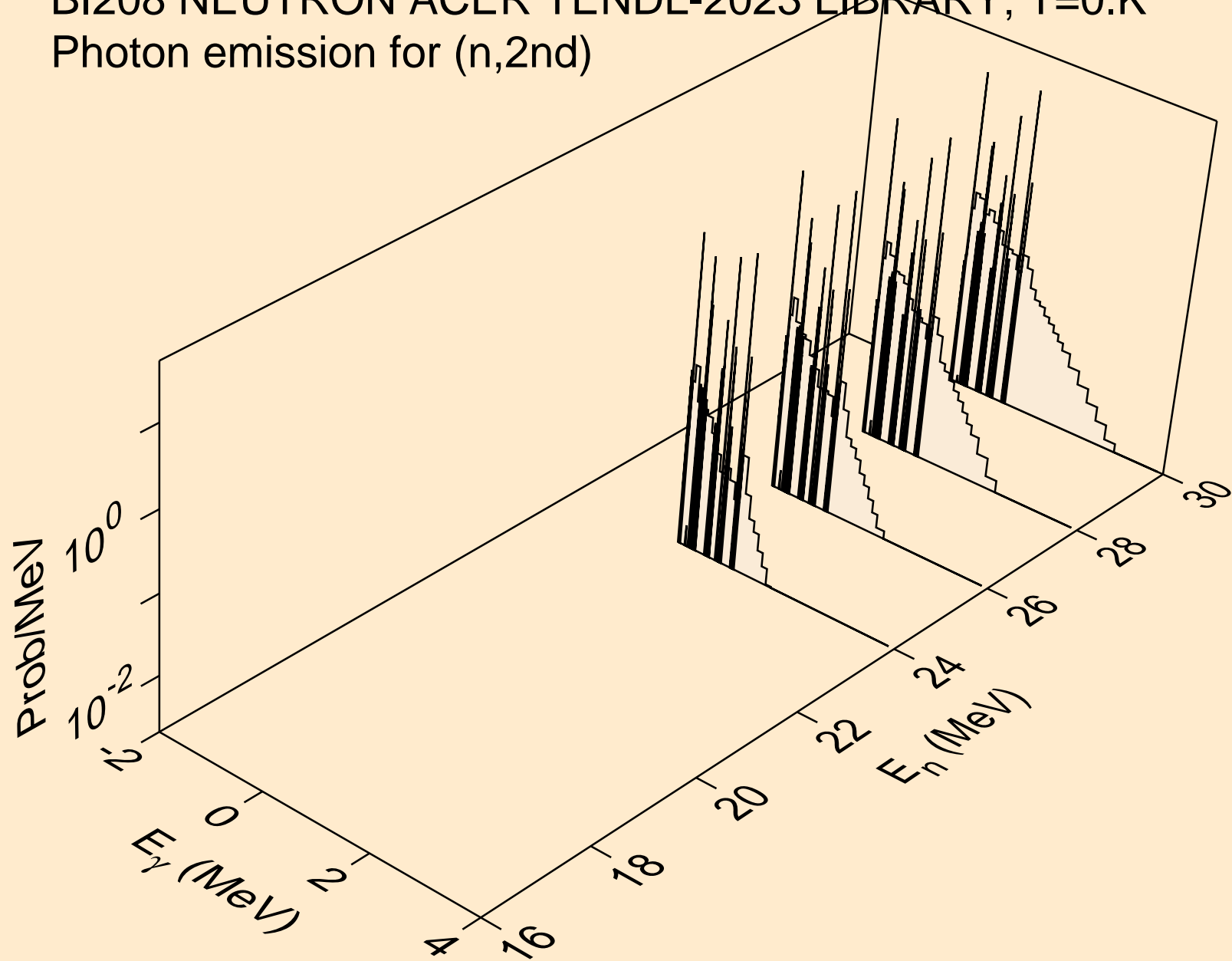


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

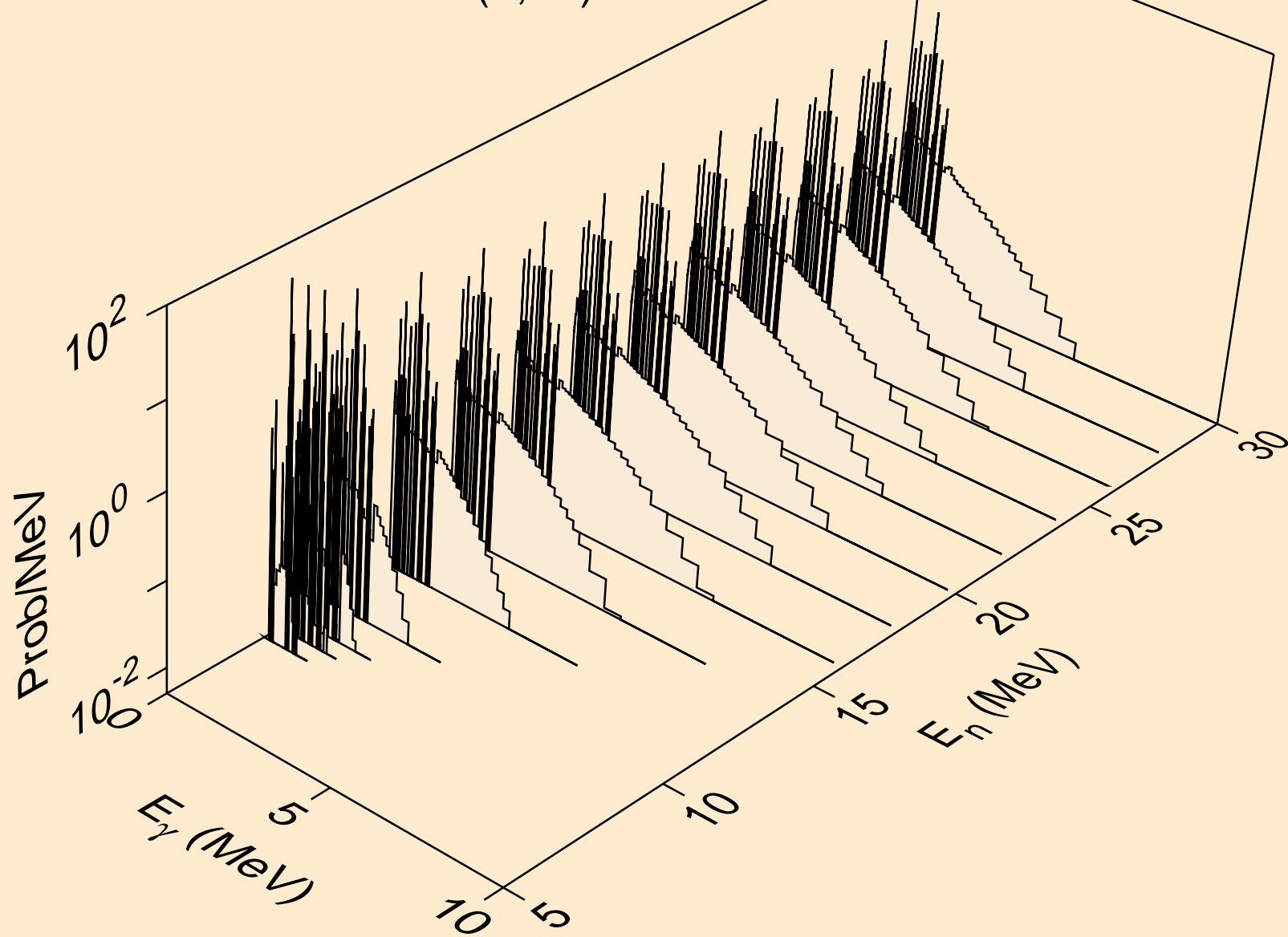




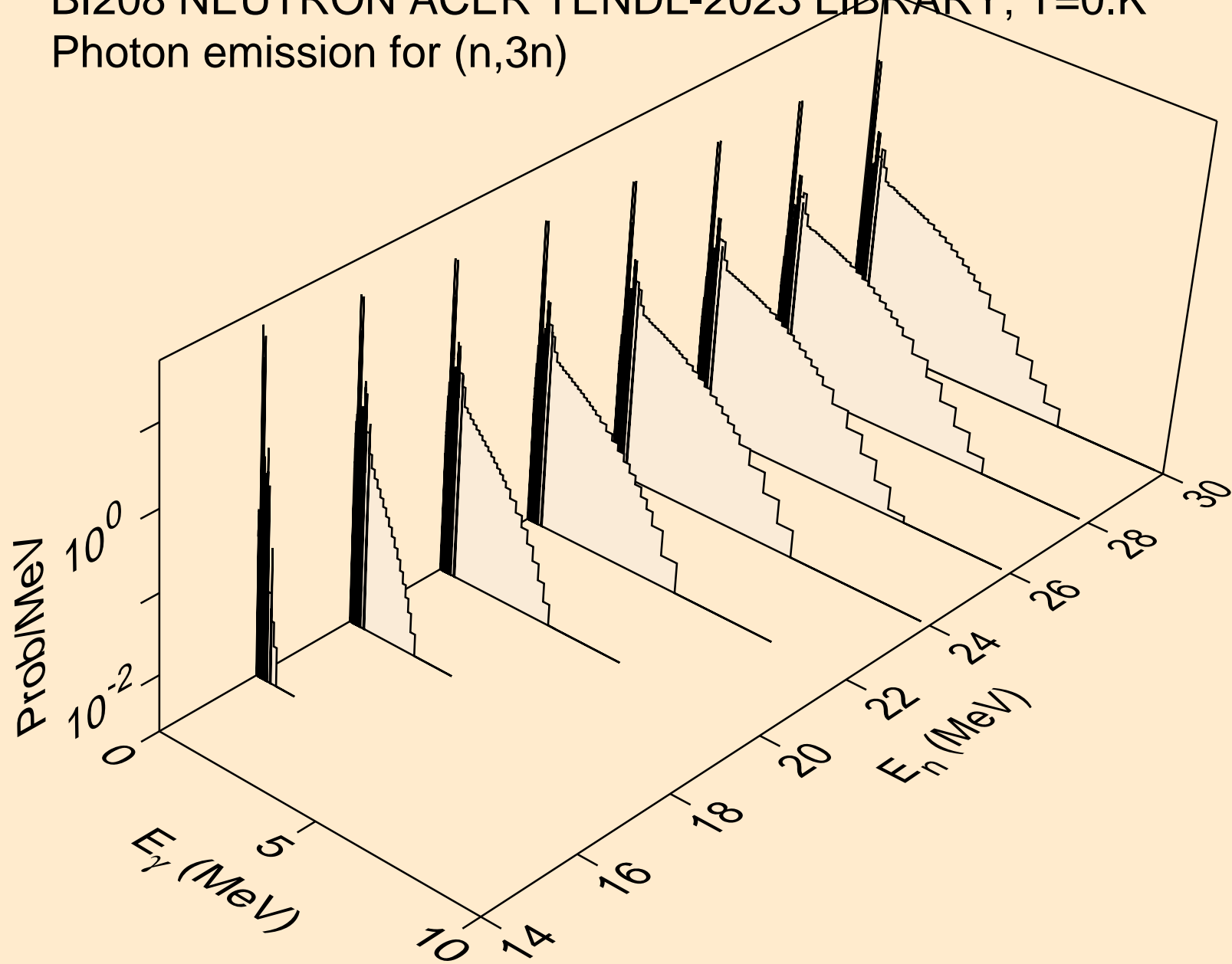
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Photon emission for (n,2nd)



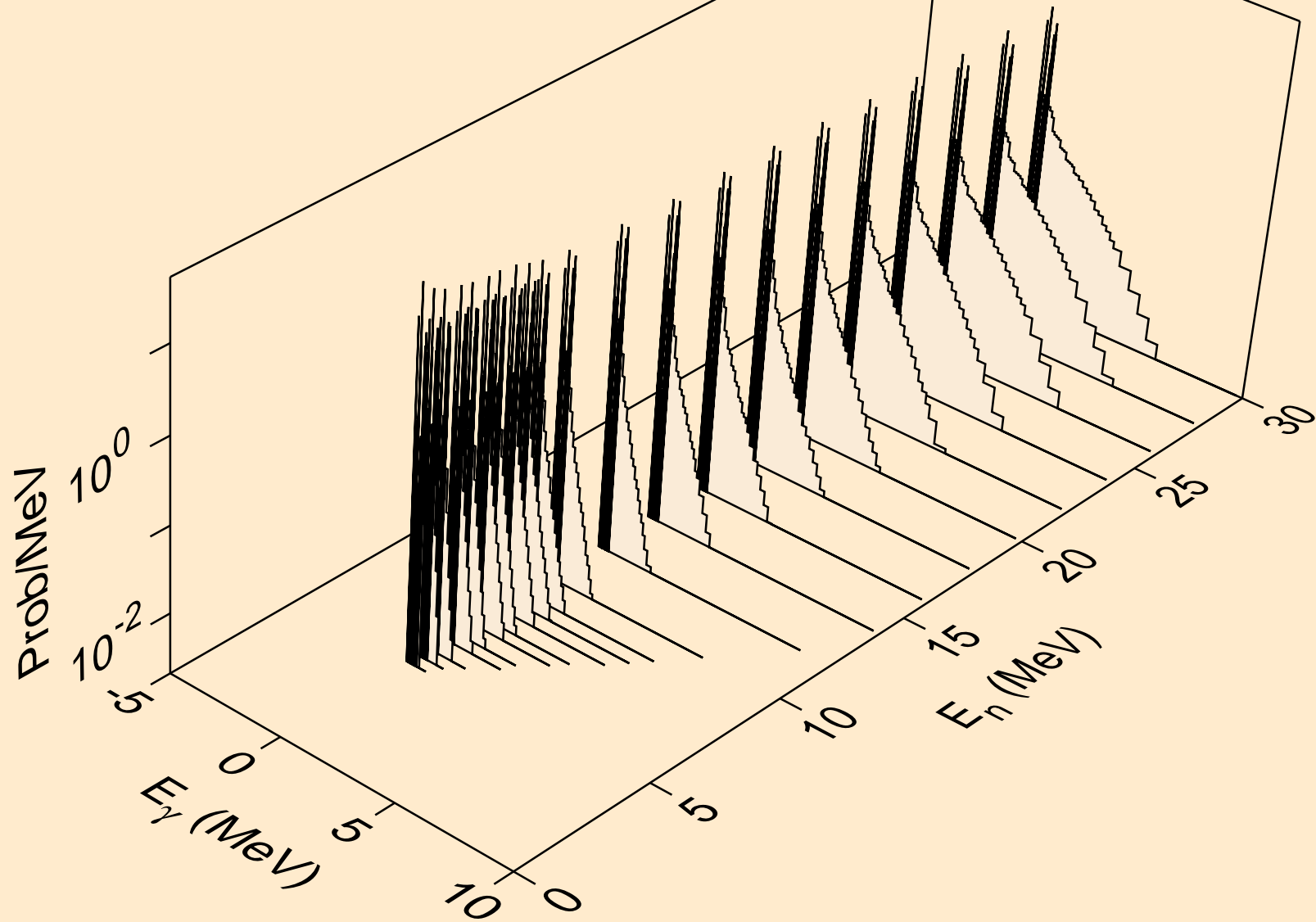
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Photon emission for (n,2n)



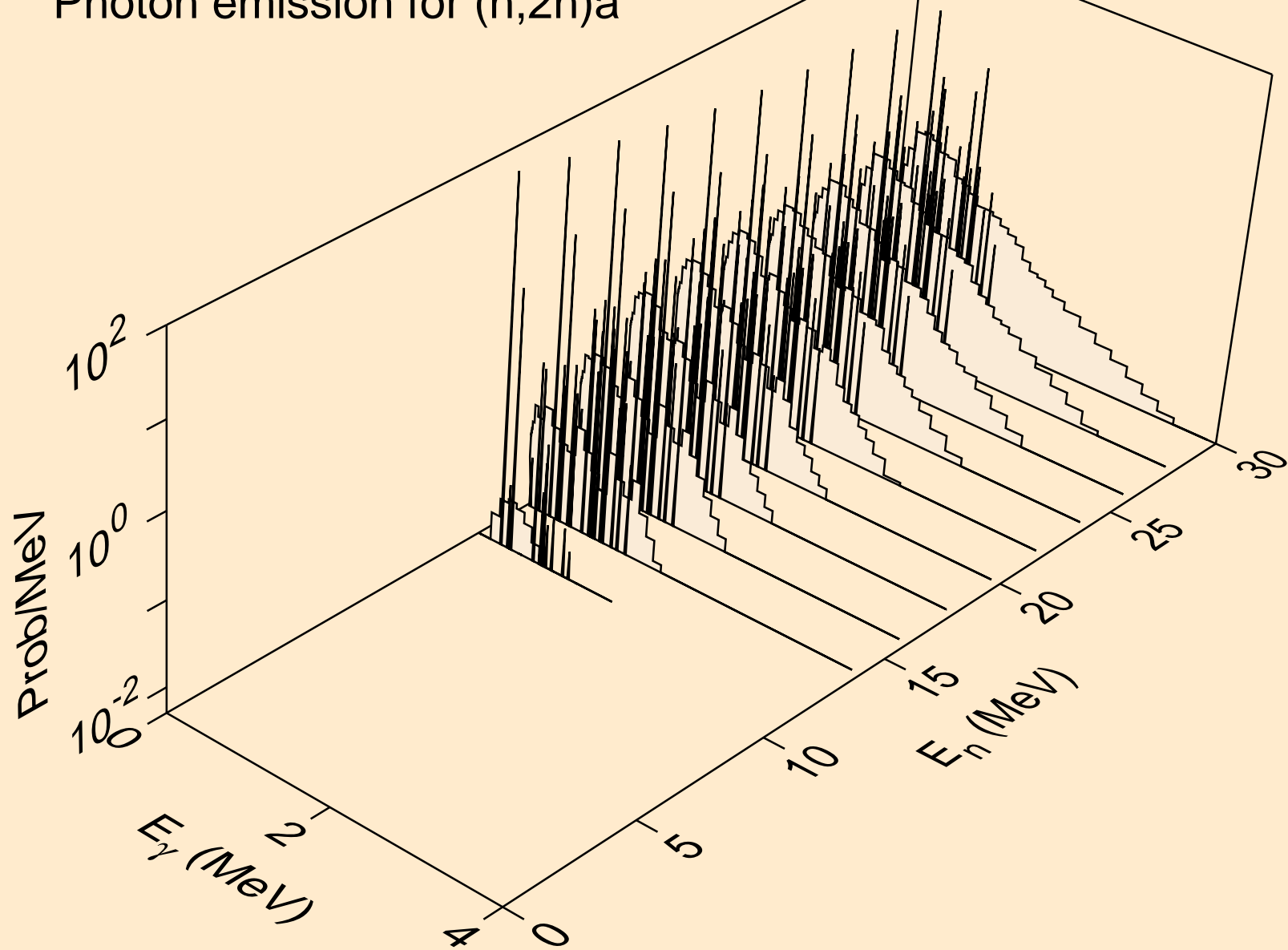
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Photon emission for (n,3n)



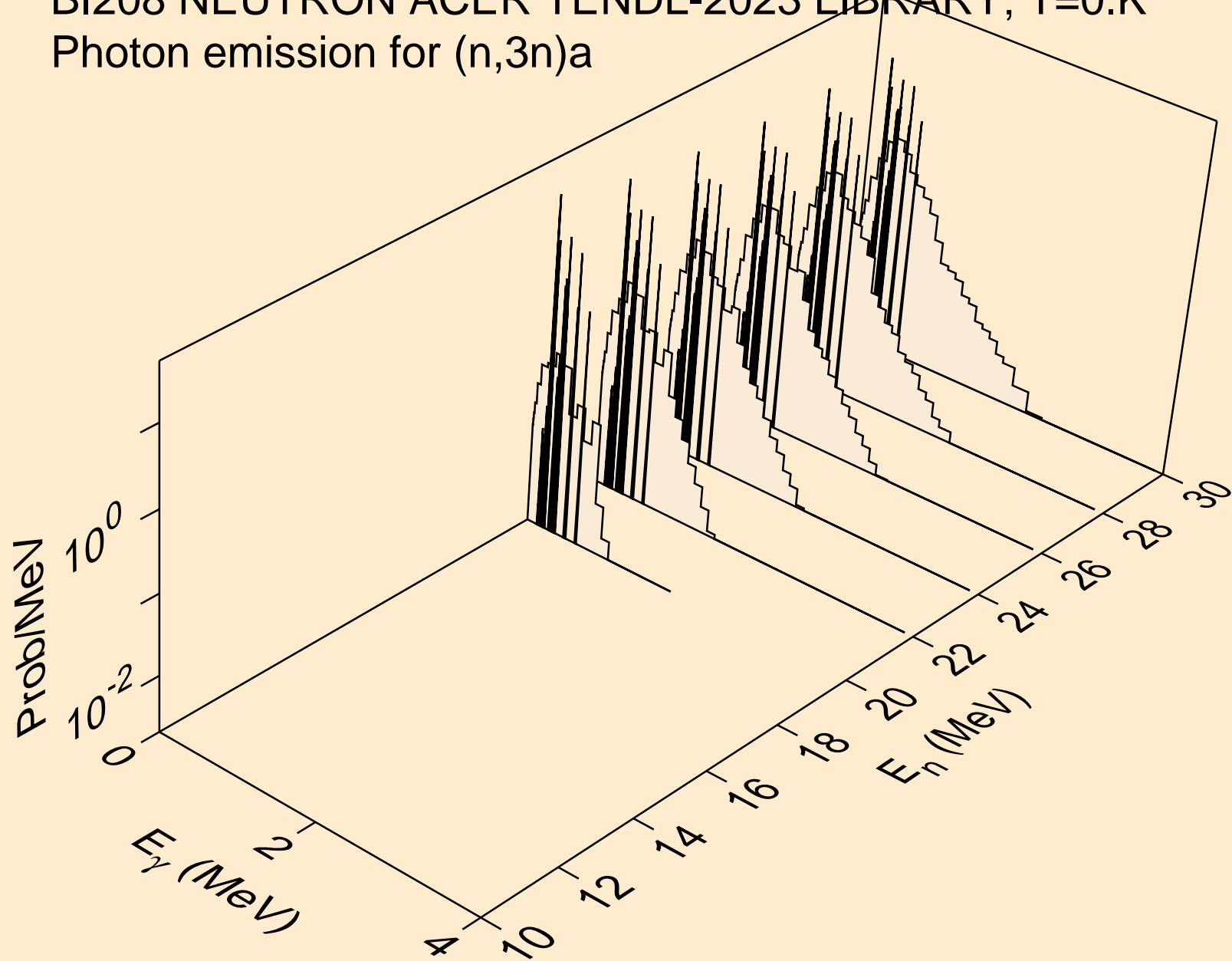
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Photon emission for (n,n\*)a



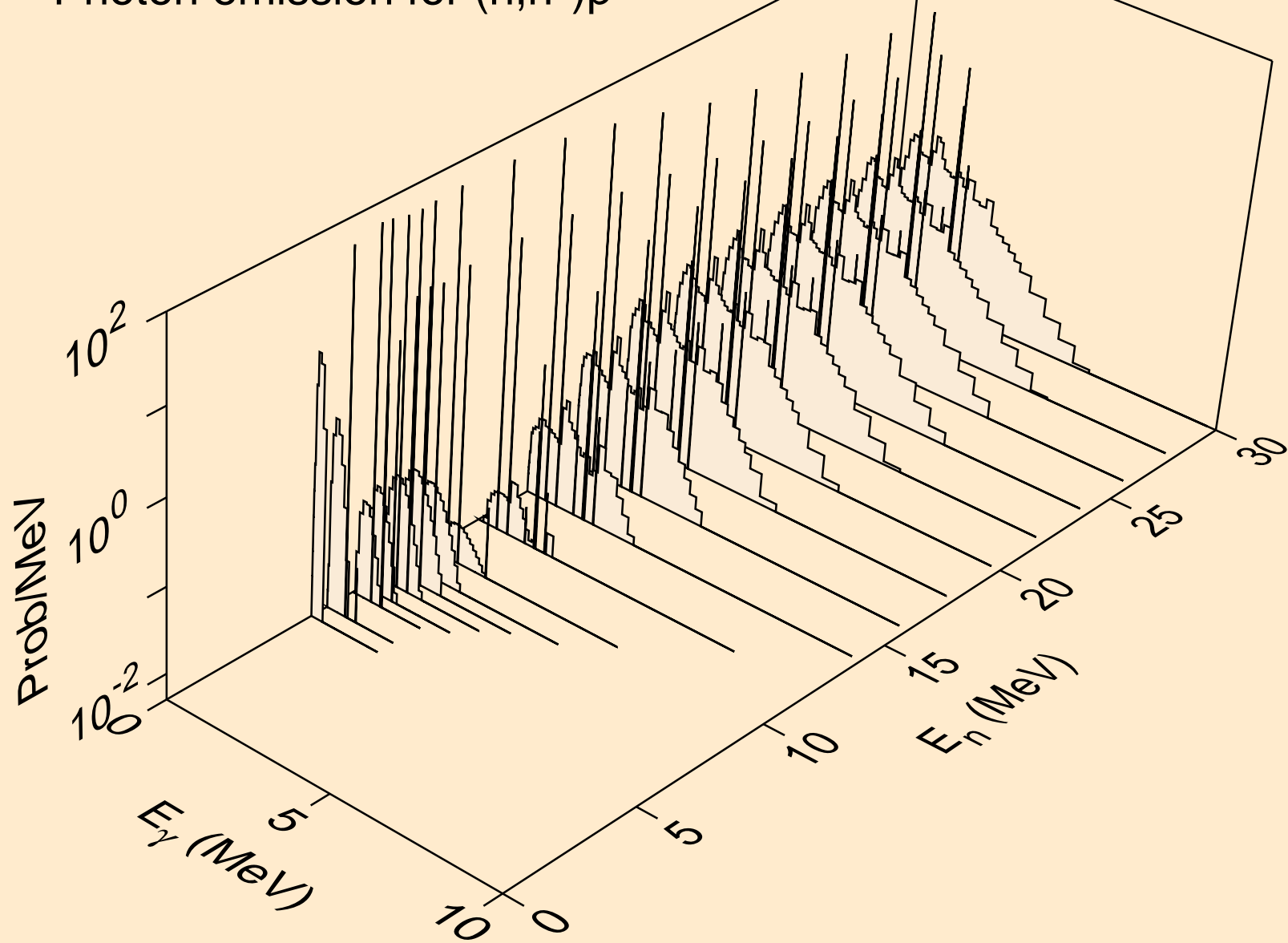
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Photon emission for (n,2n)a



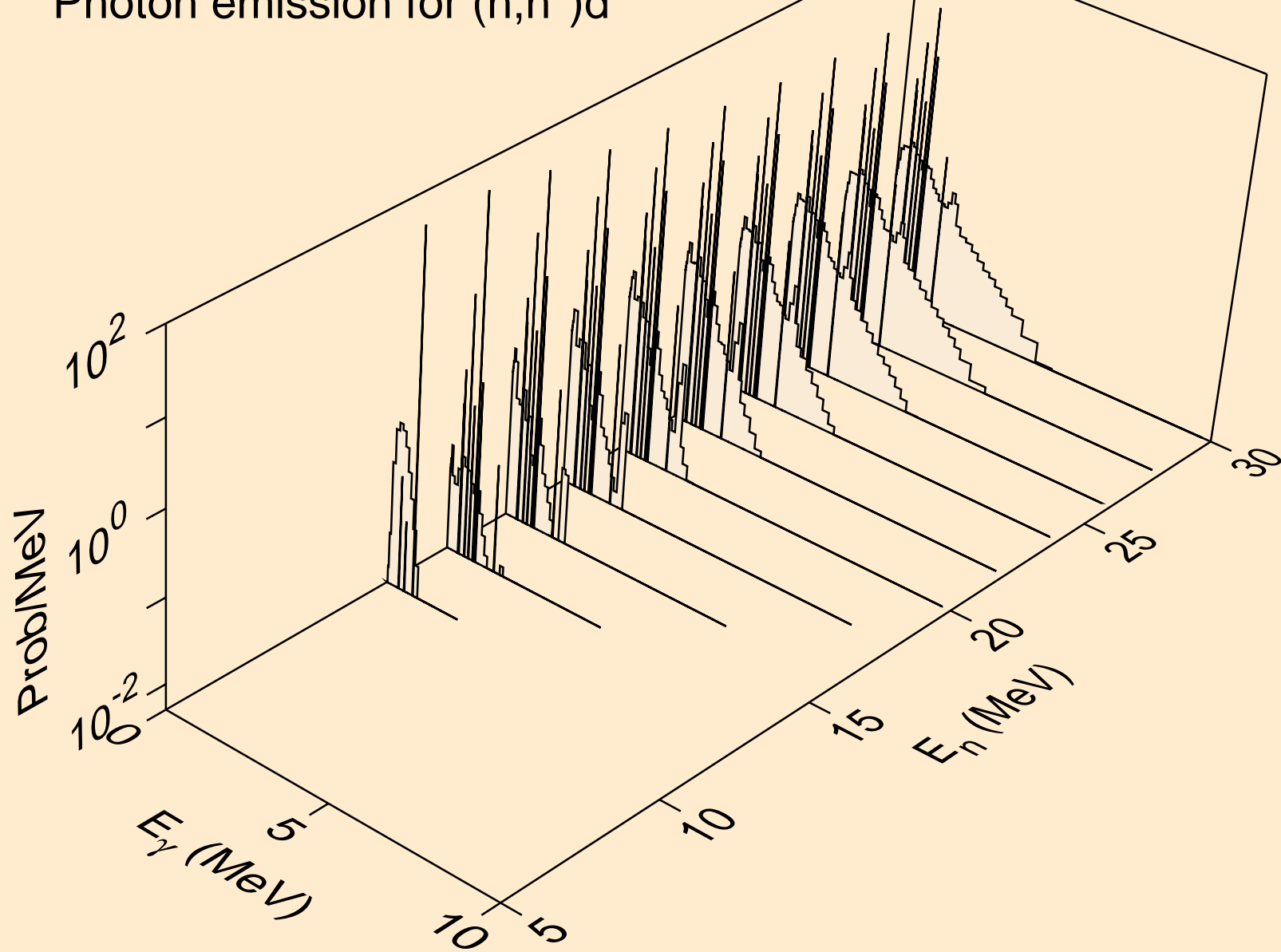
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Photon emission for (n,3n)a



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

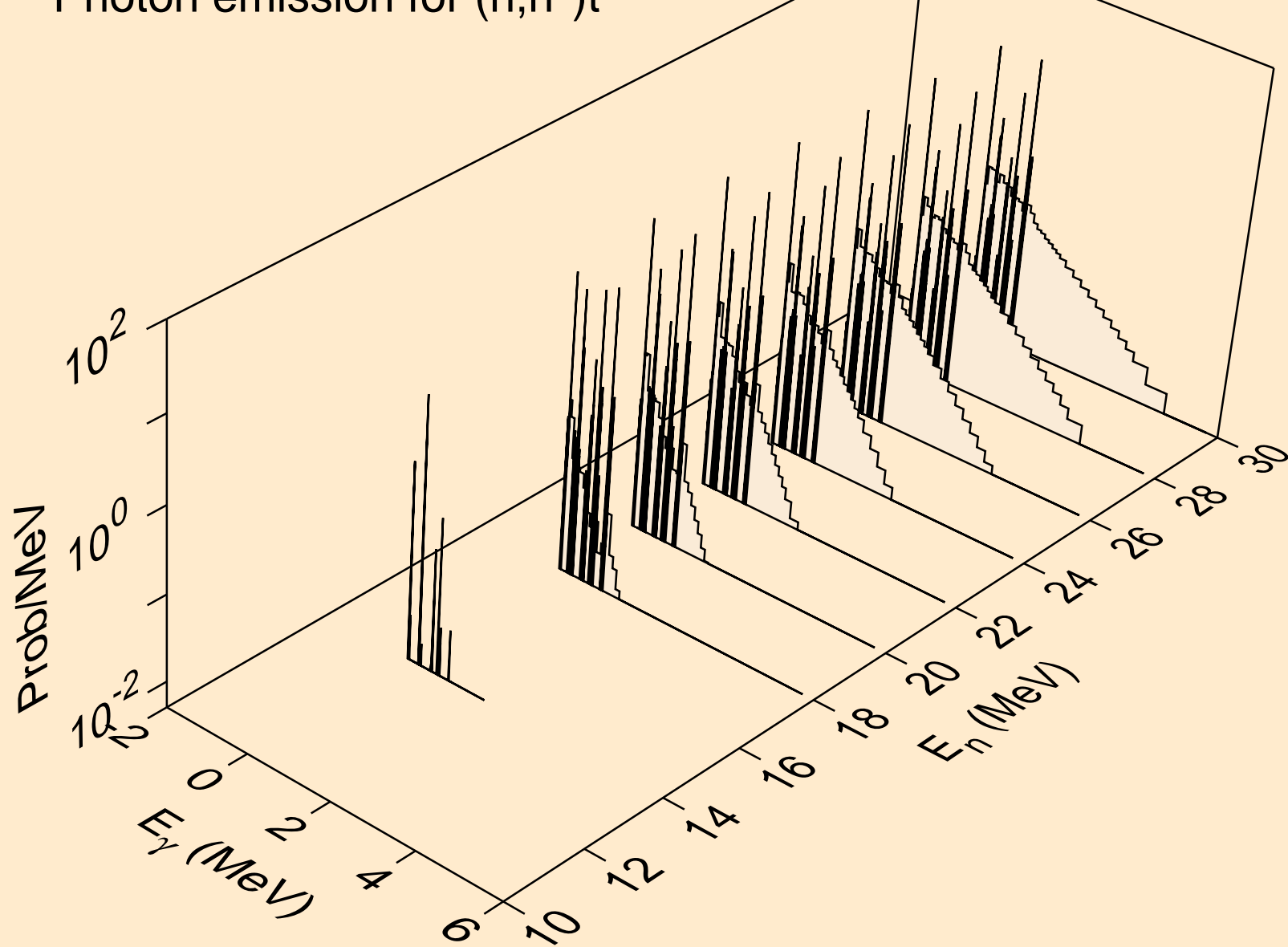


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

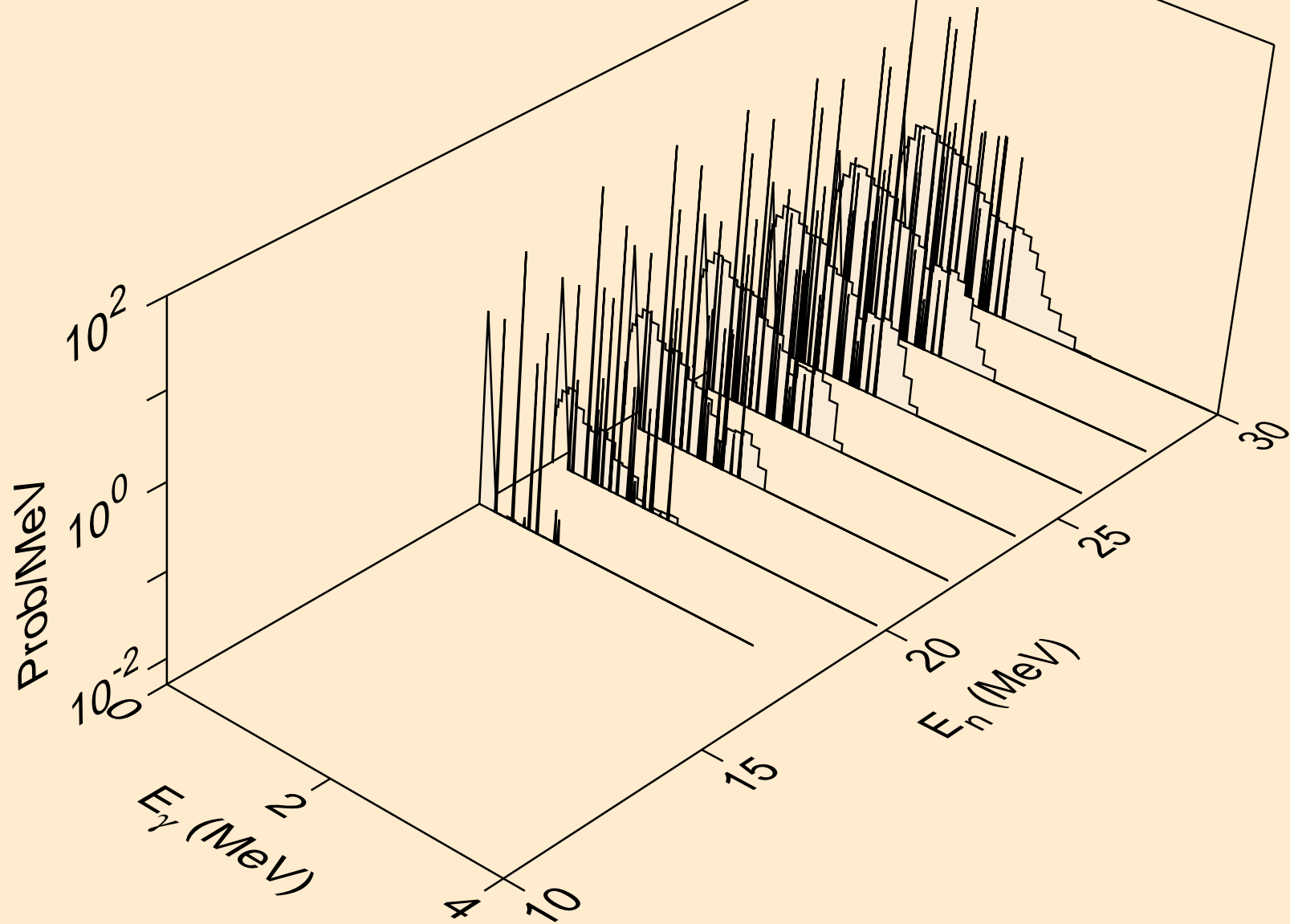




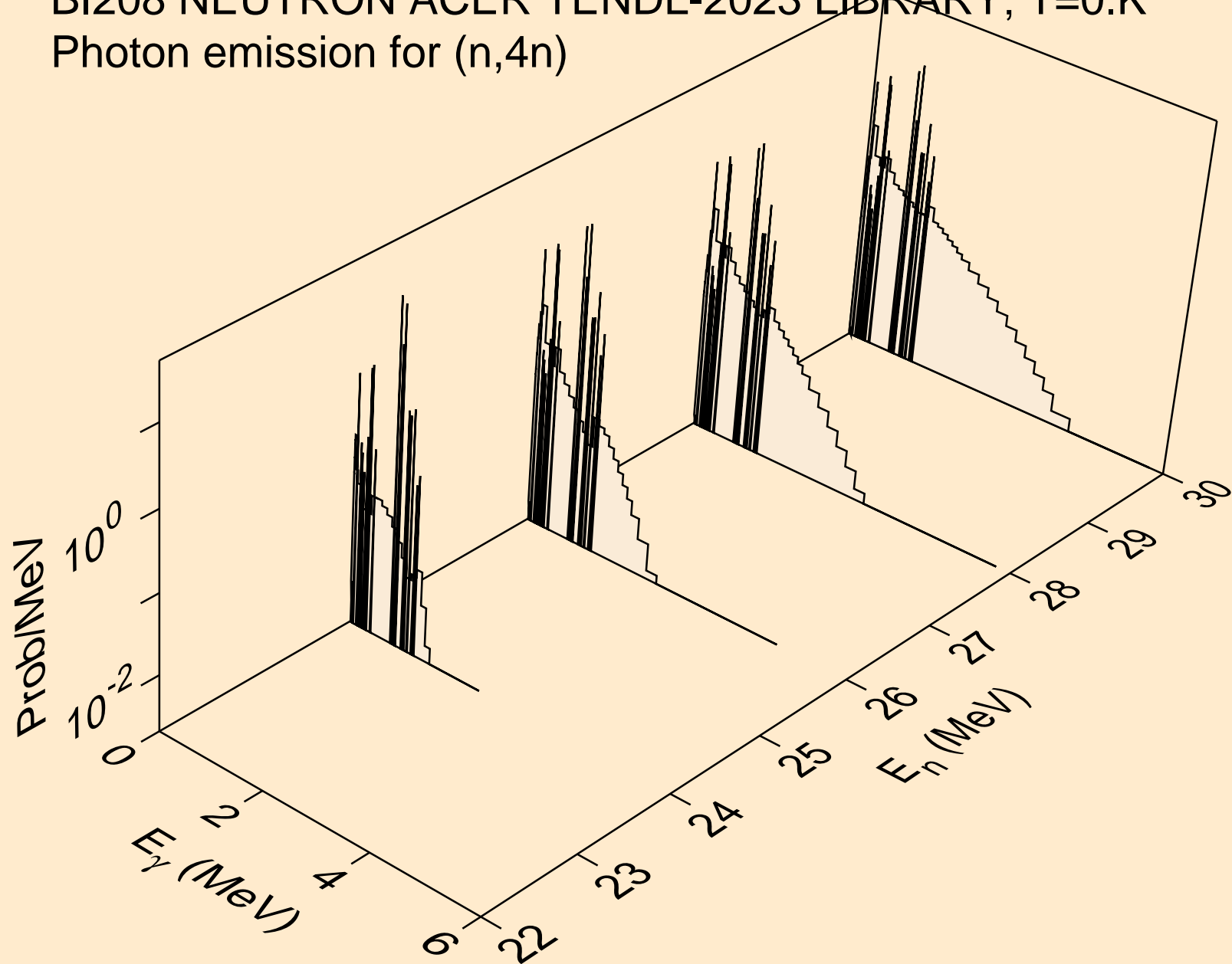
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



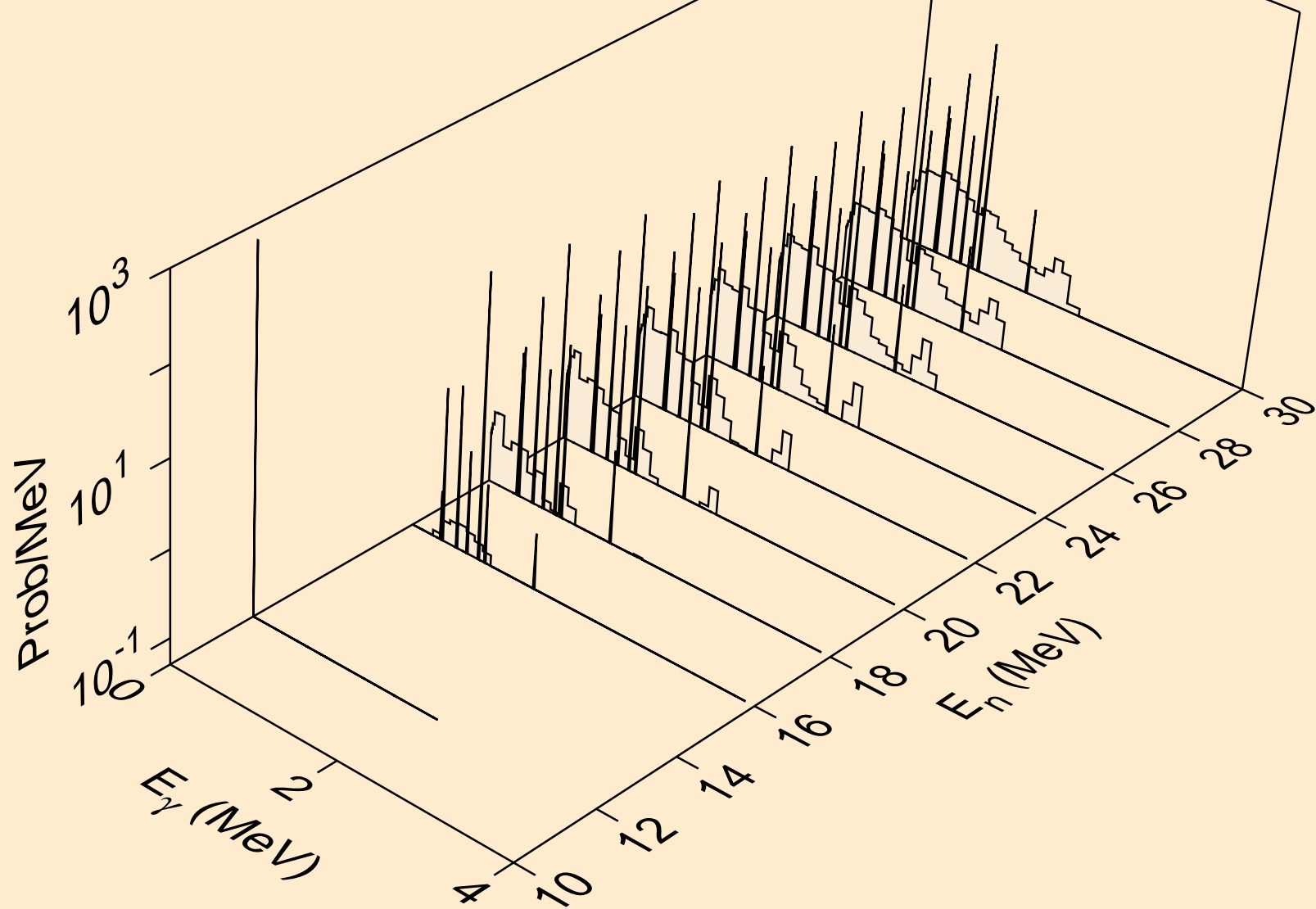
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



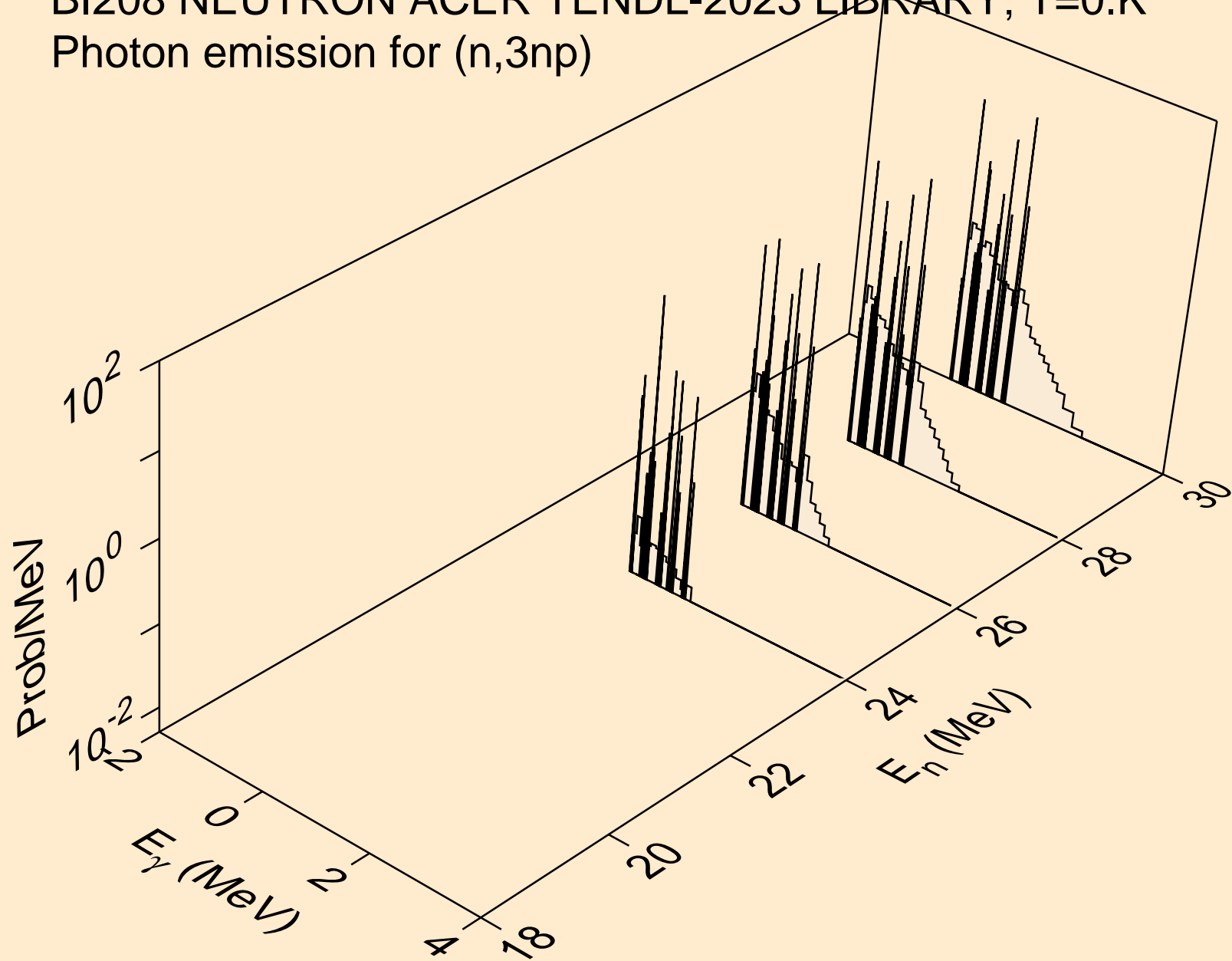
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Photon emission for (n,4n)



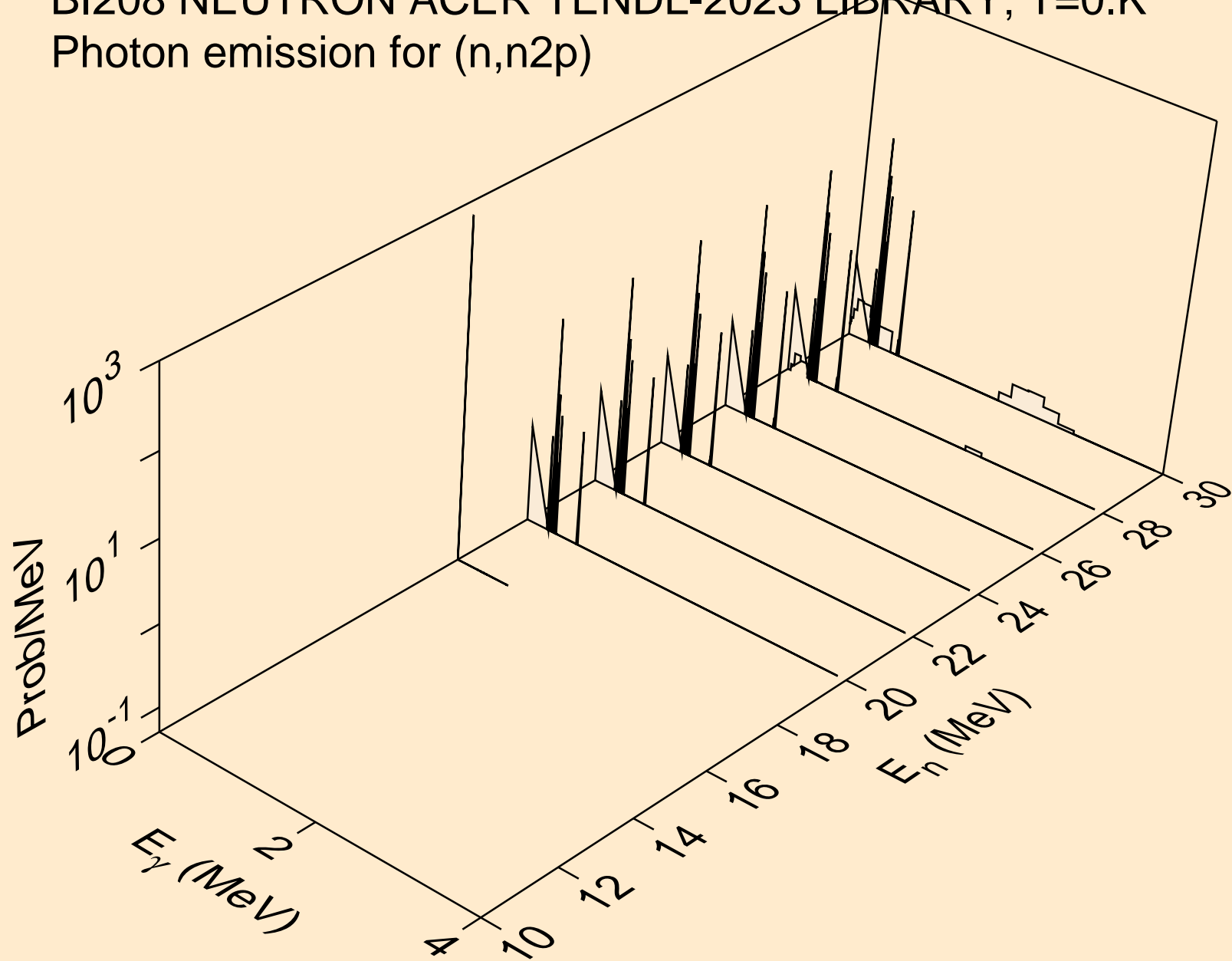
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



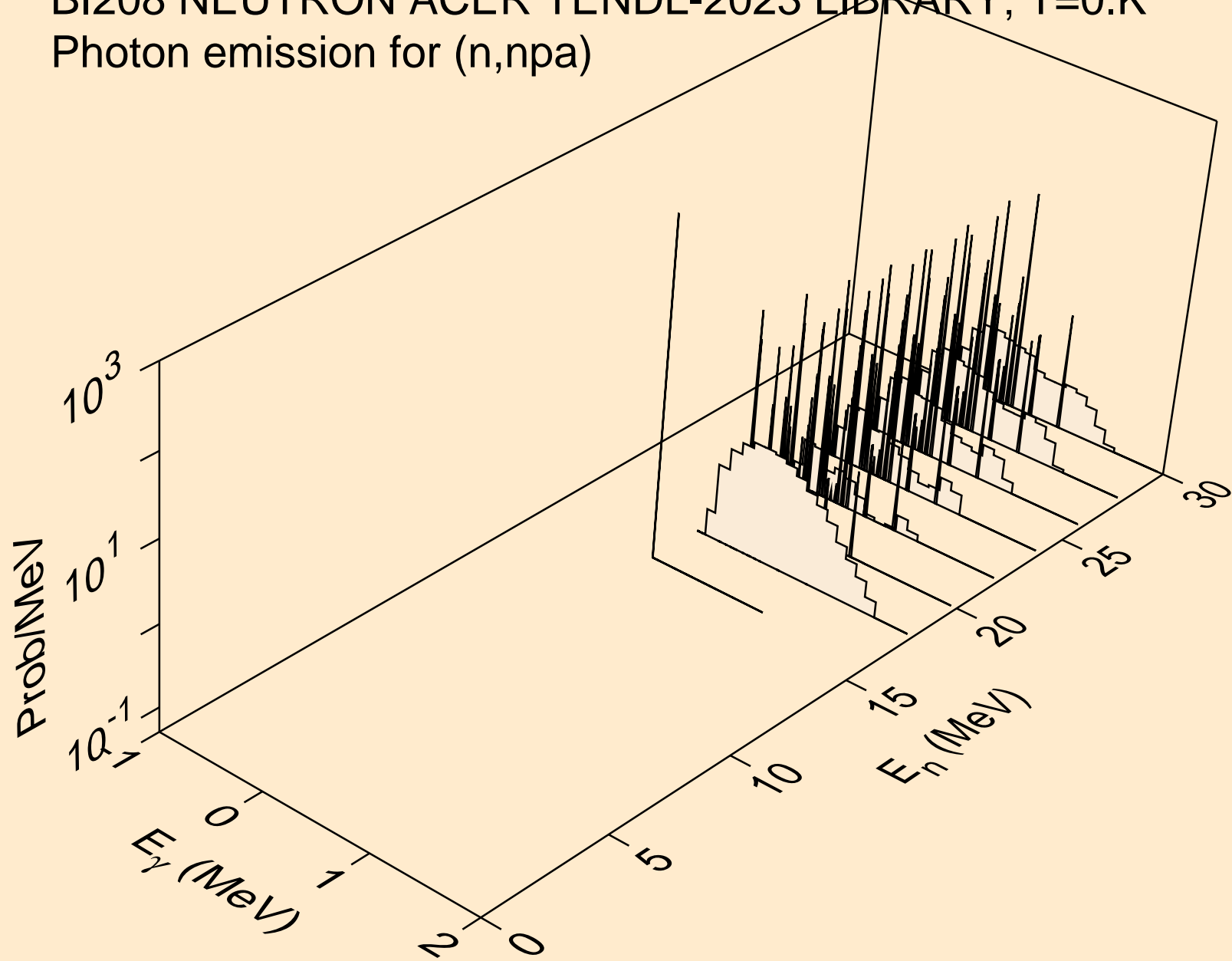
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Photon emission for (n,3np)



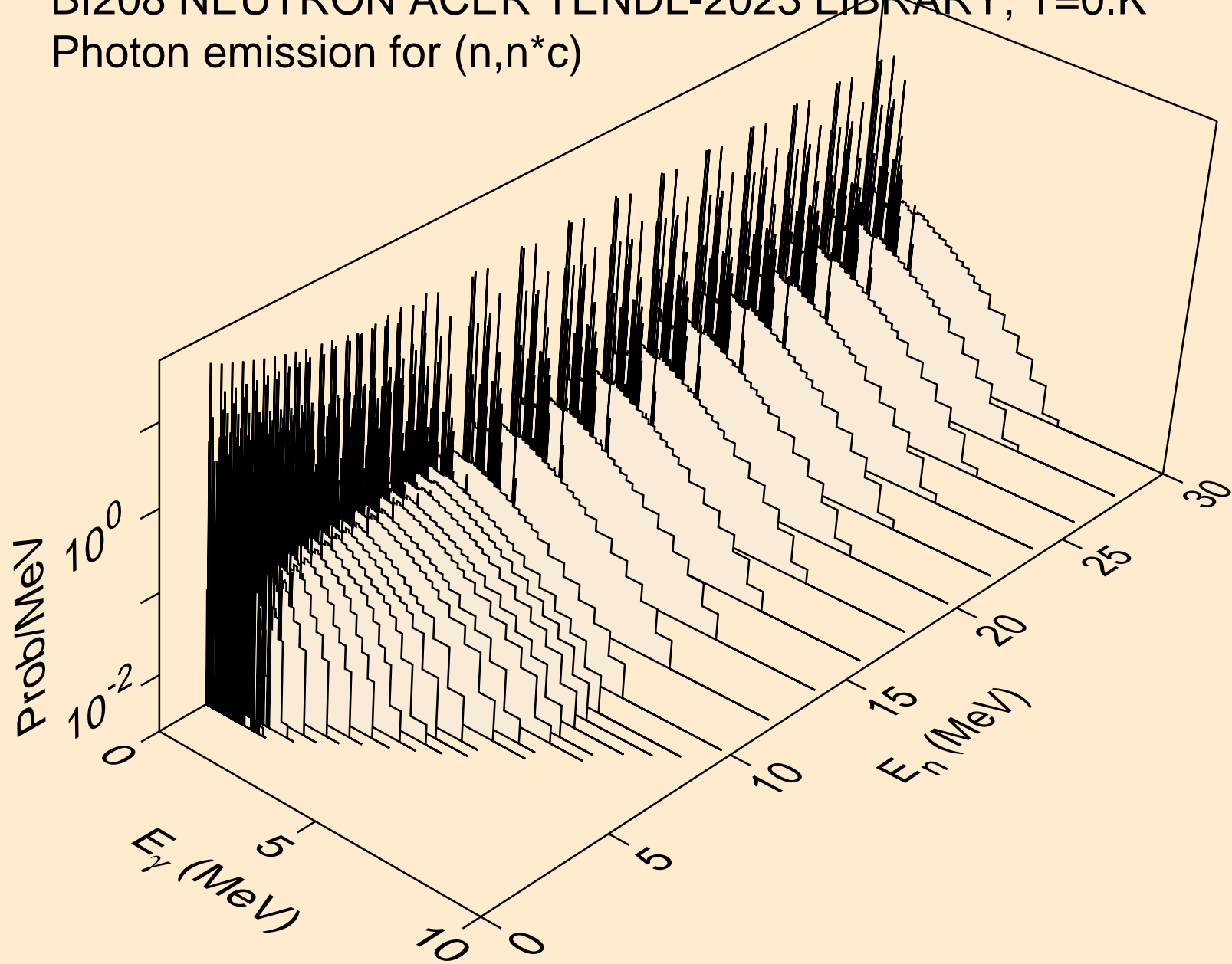
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

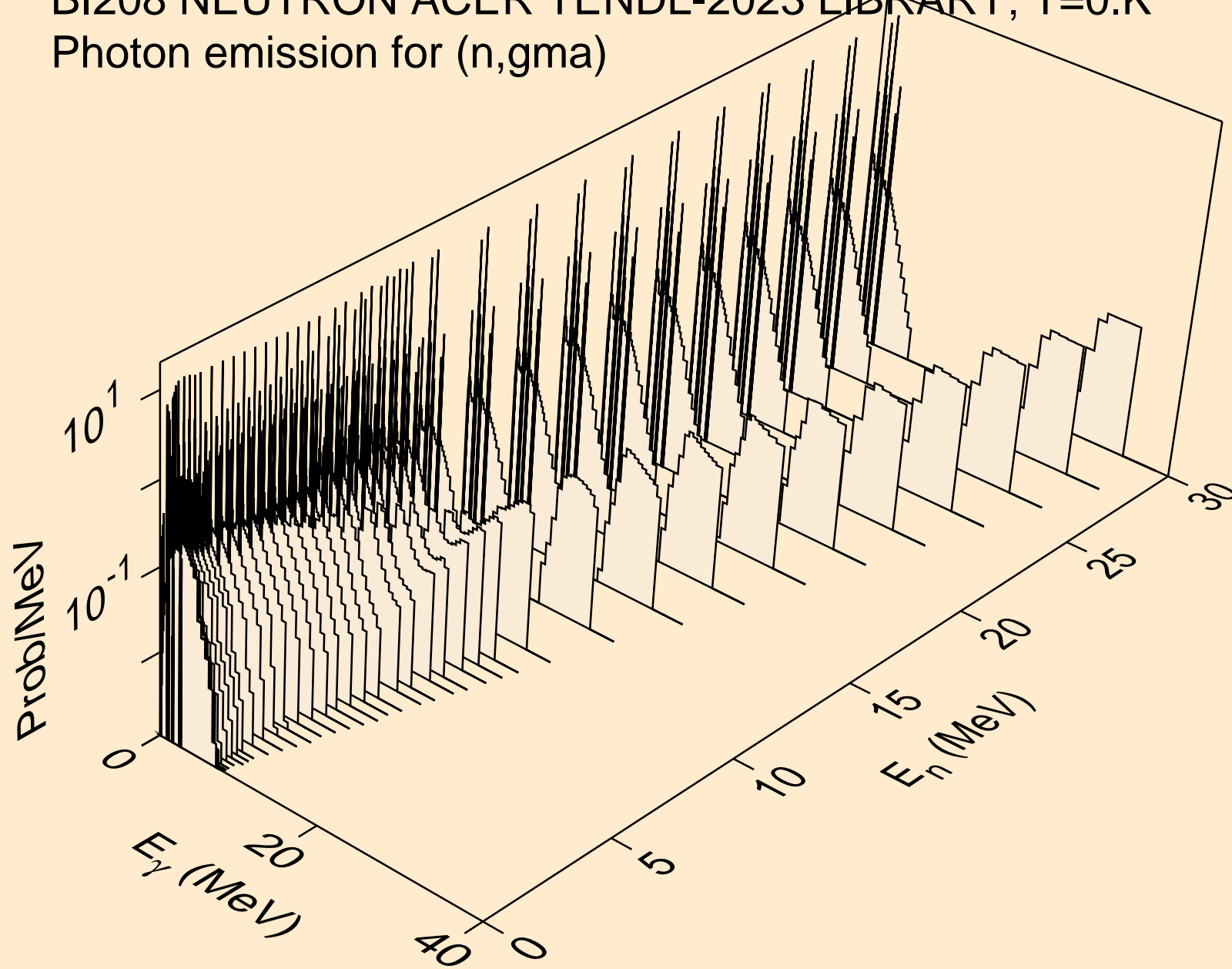


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

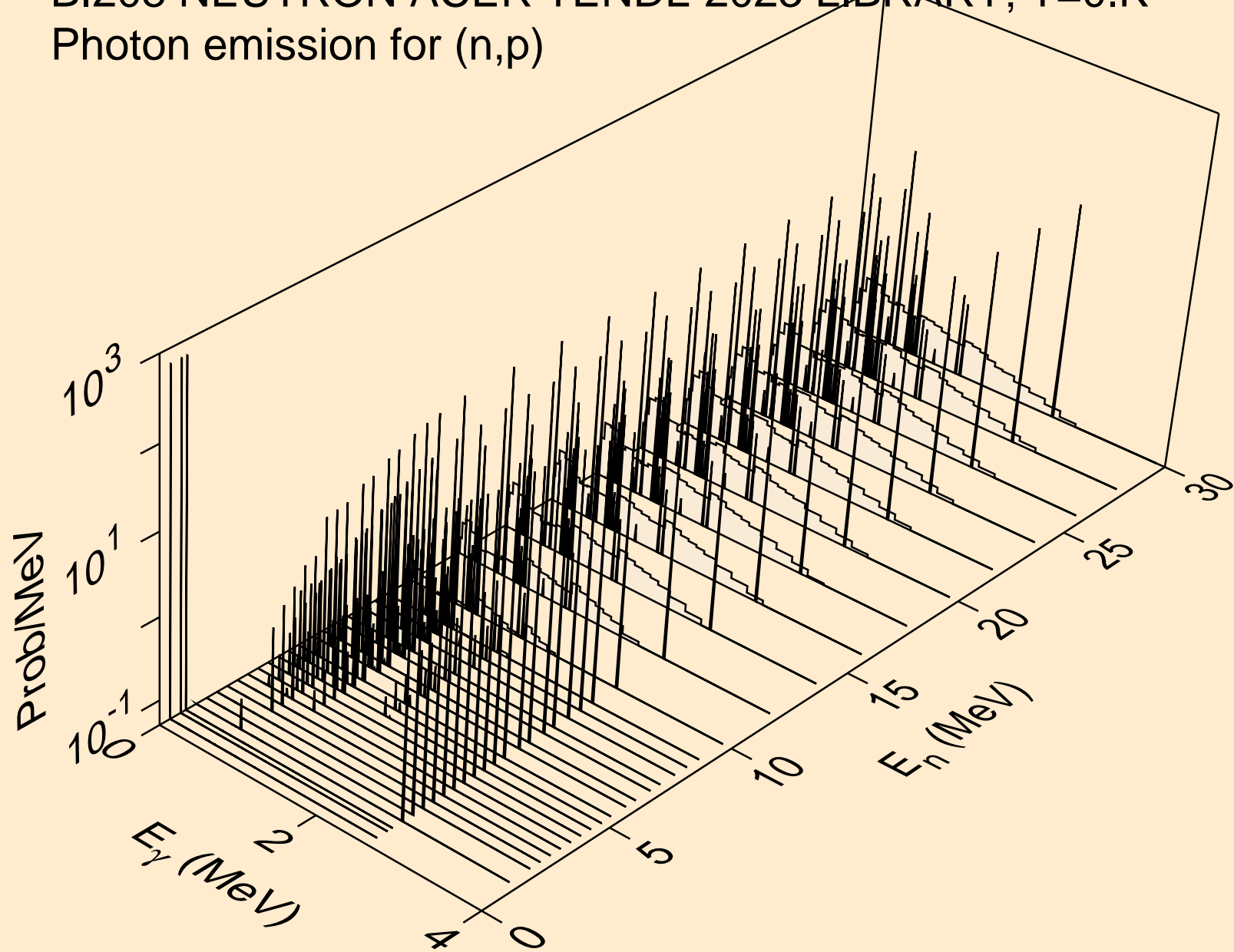




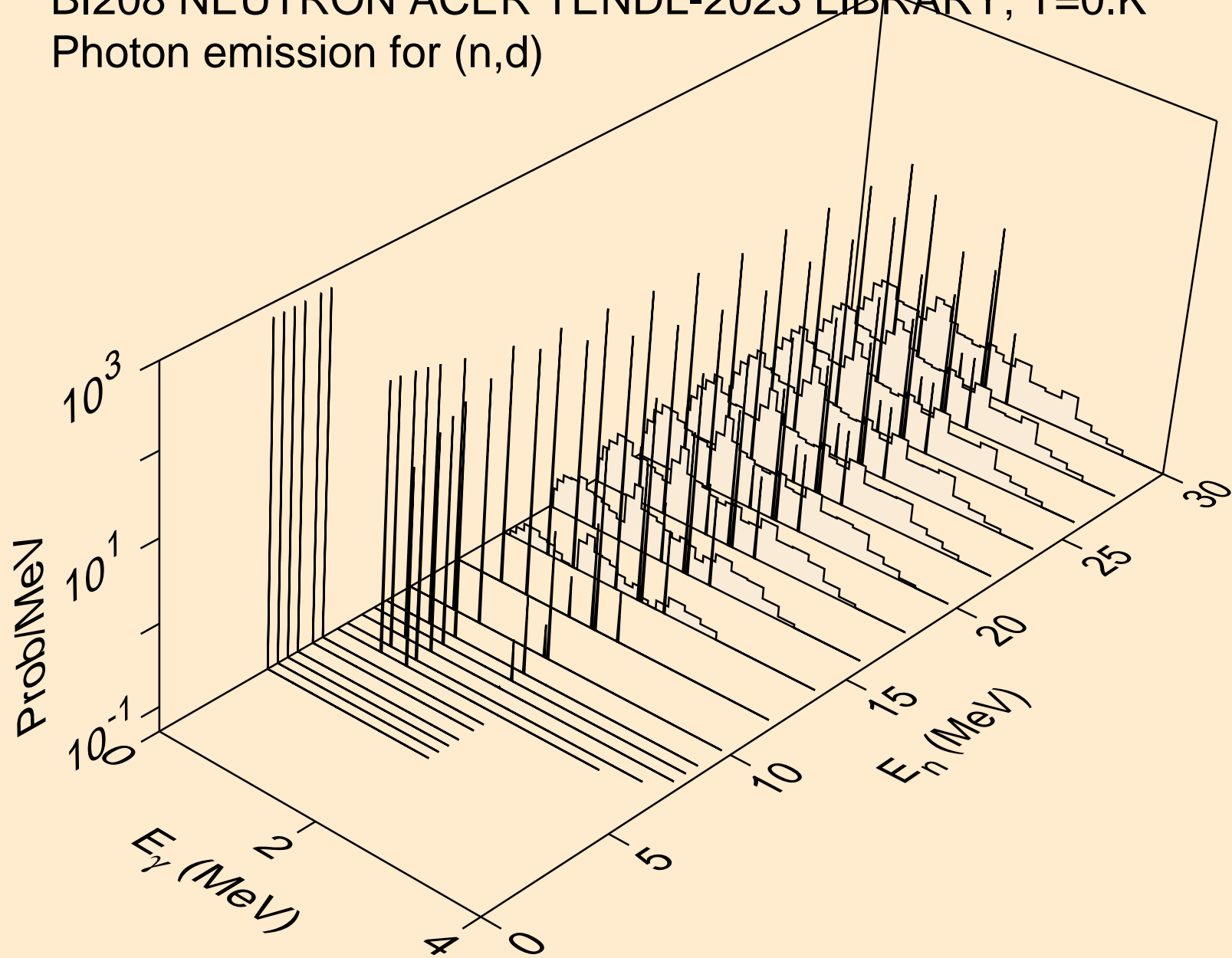
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Photon emission for (n,gma)



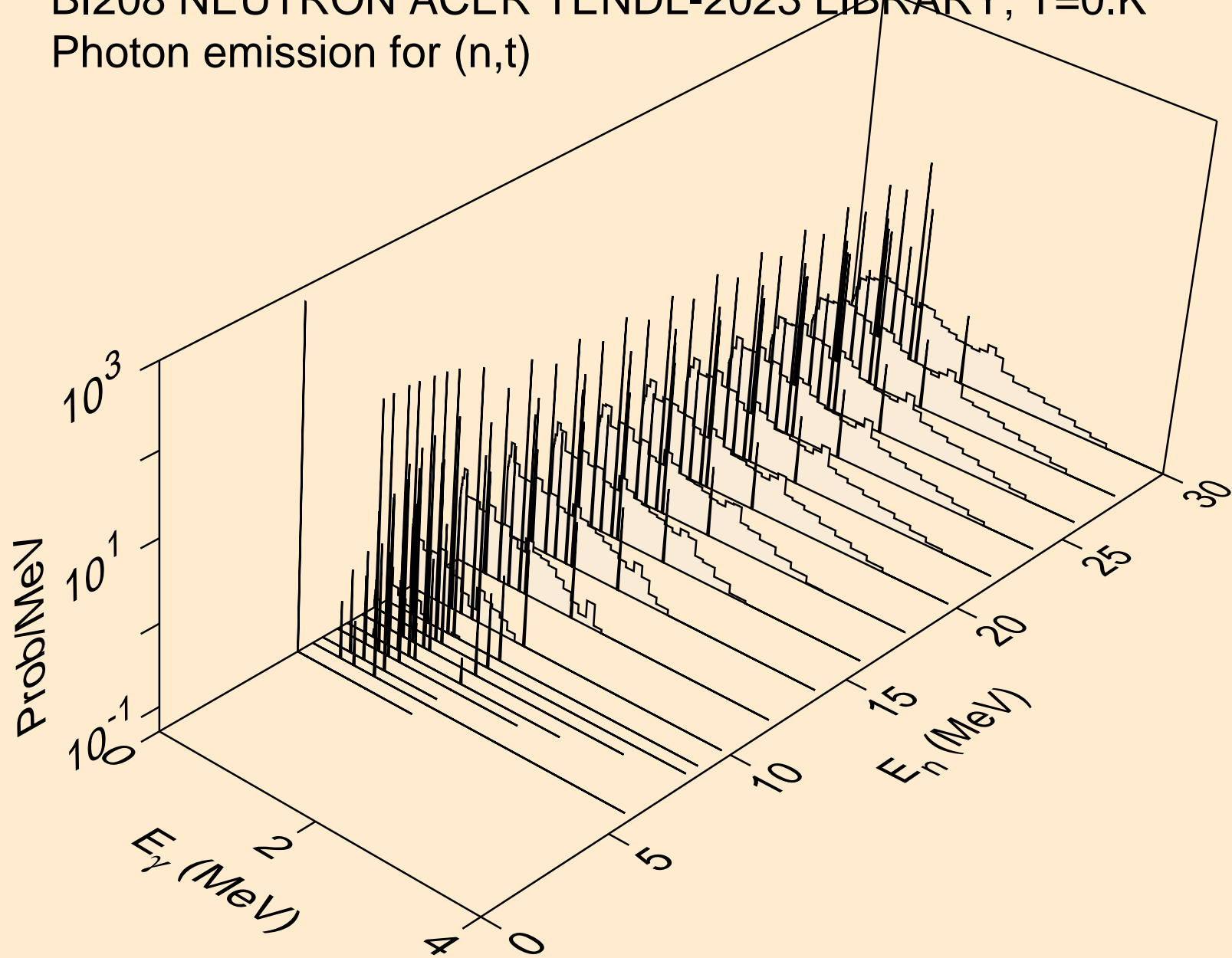
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Photon emission for (n,p)



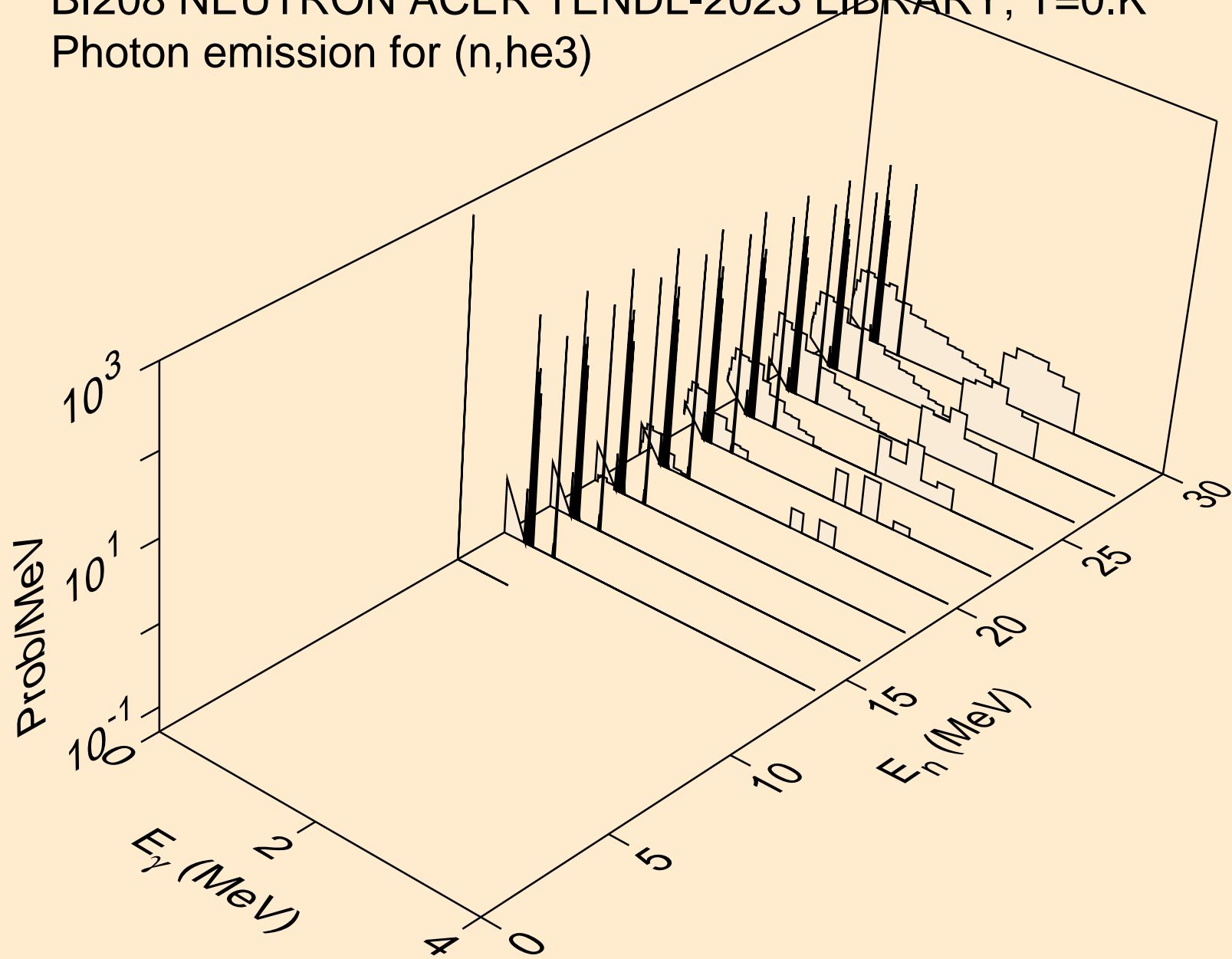
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Photon emission for (n,d)



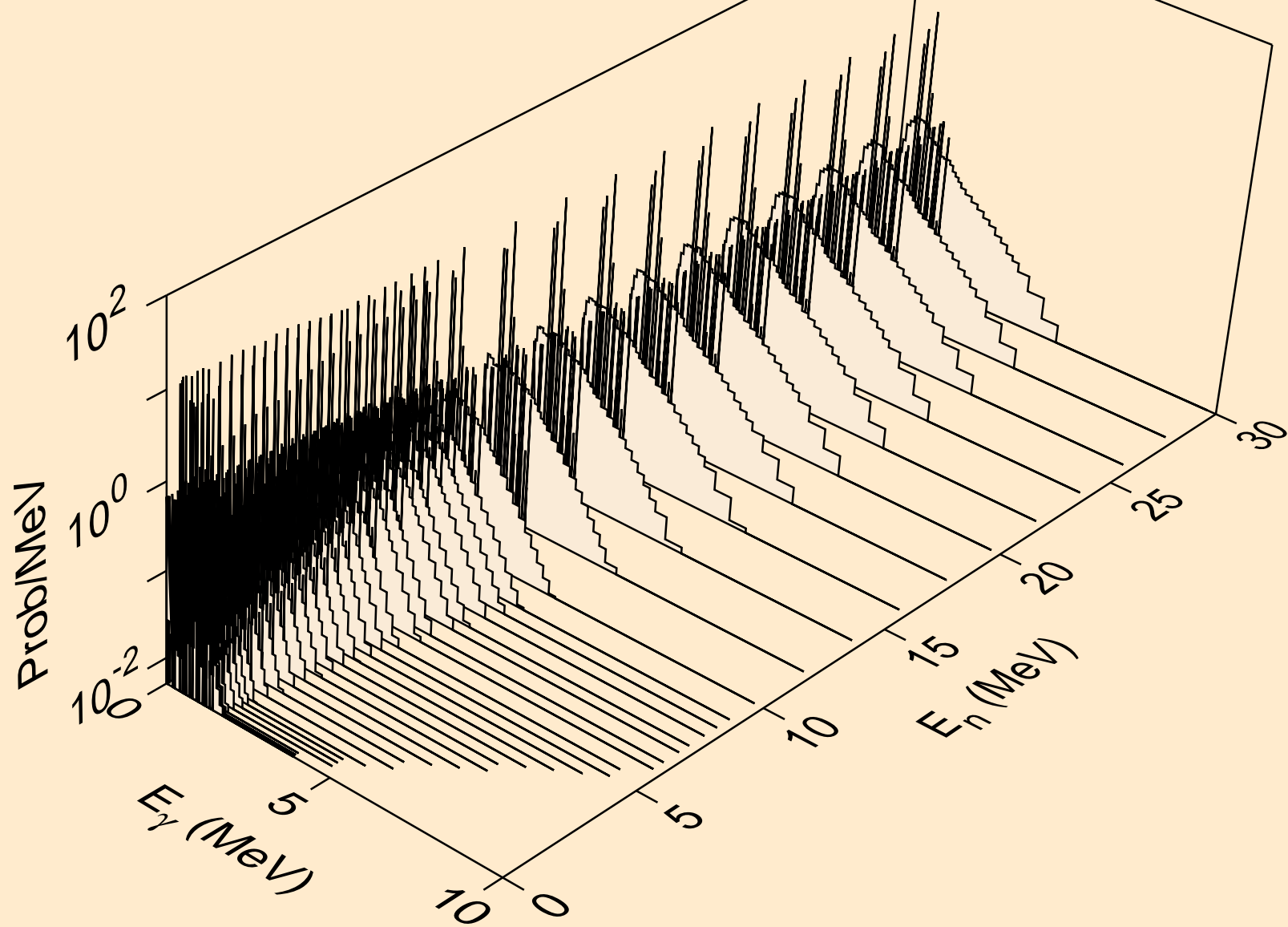
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Photon emission for (n,t)



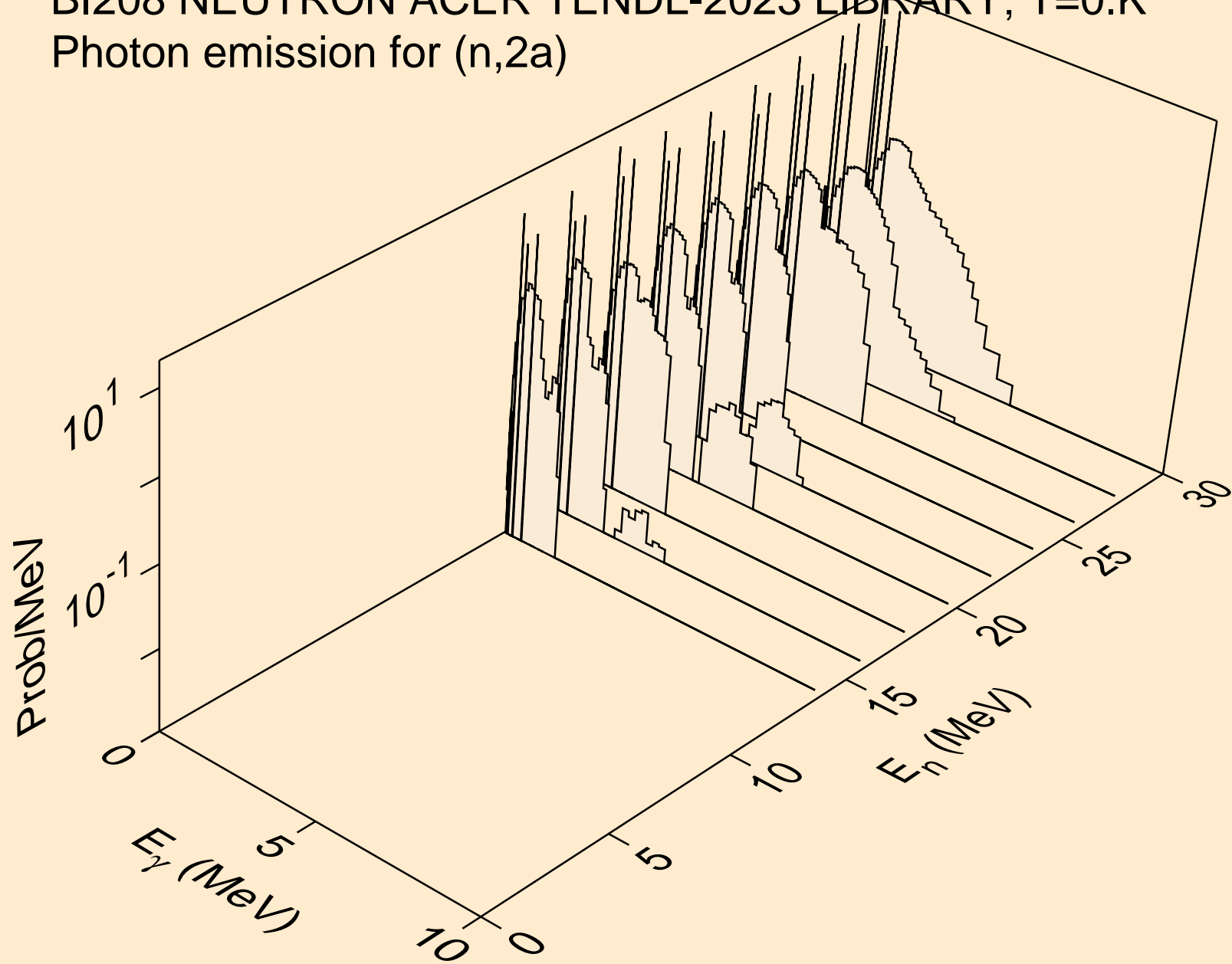
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Photon emission for (n,he3)



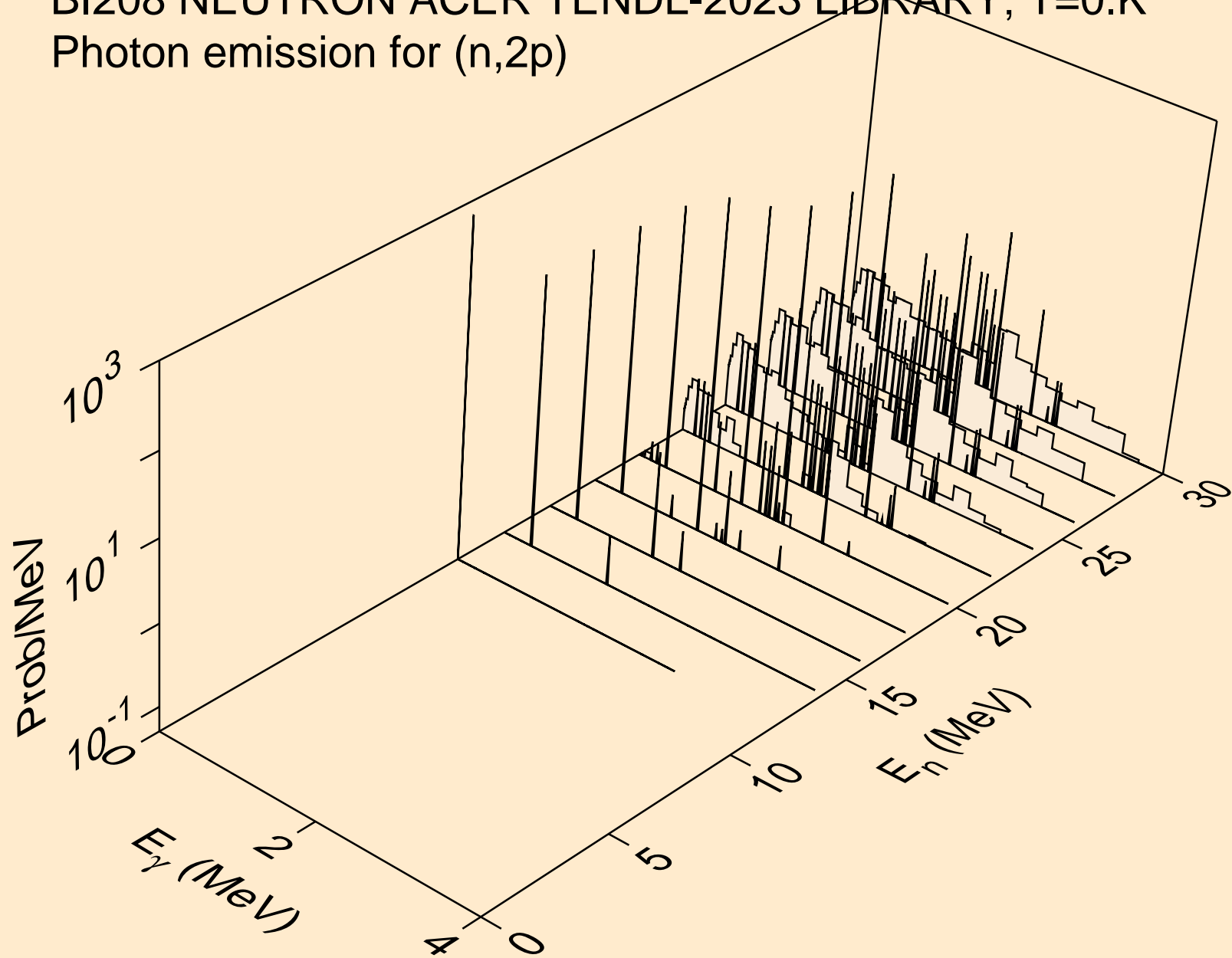
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Photon emission for (n,a)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

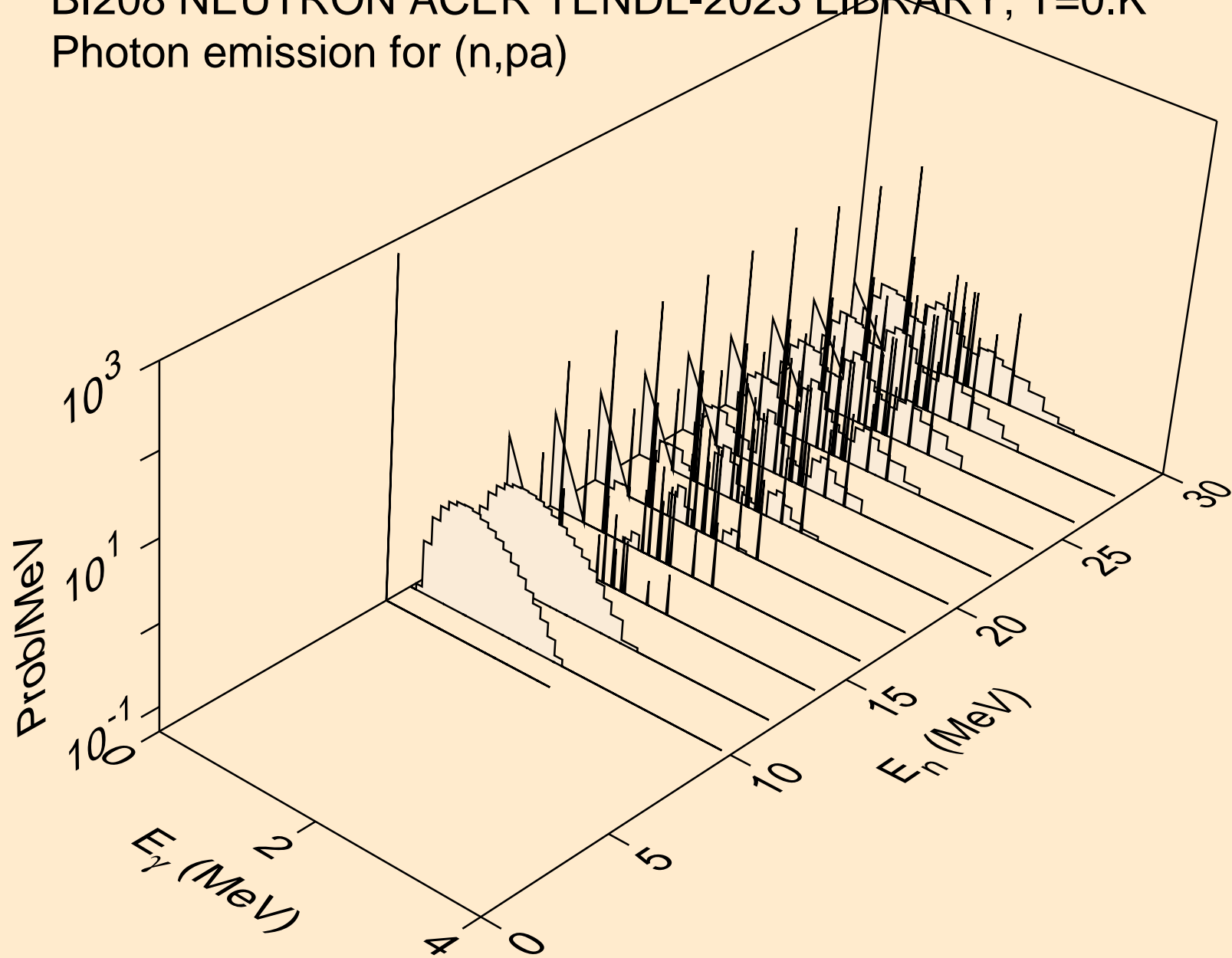


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

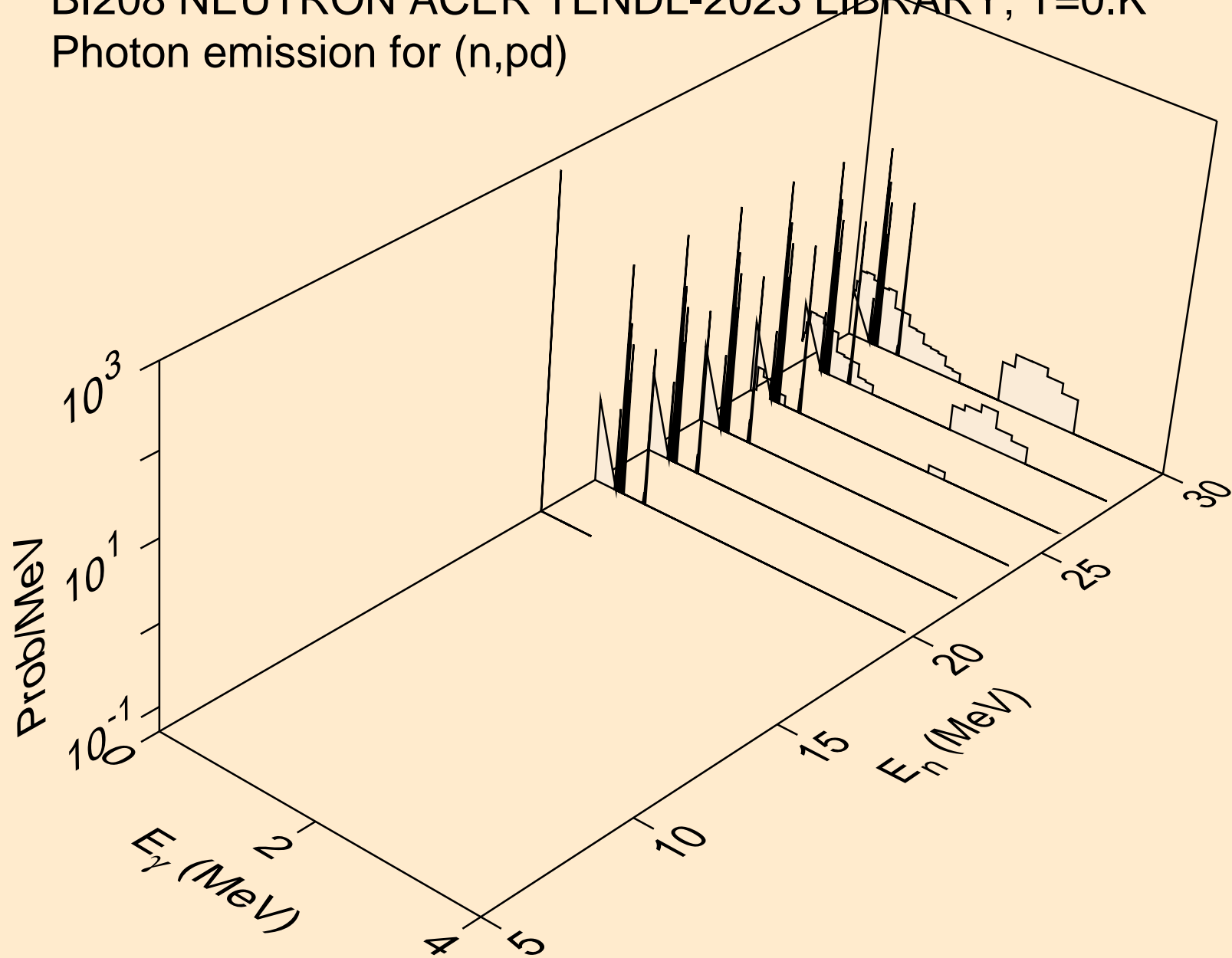




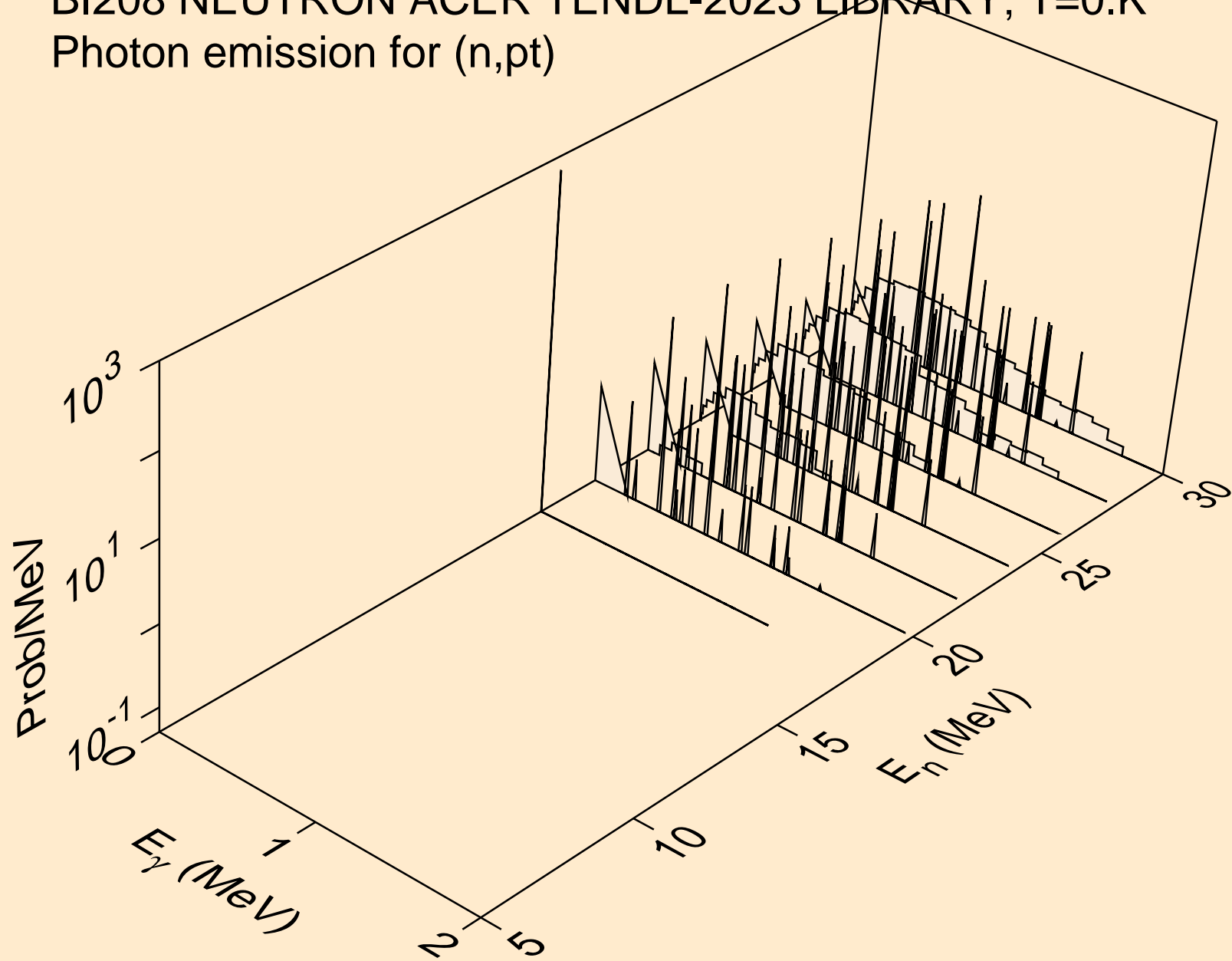
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Photon emission for (n,p $\alpha$ )



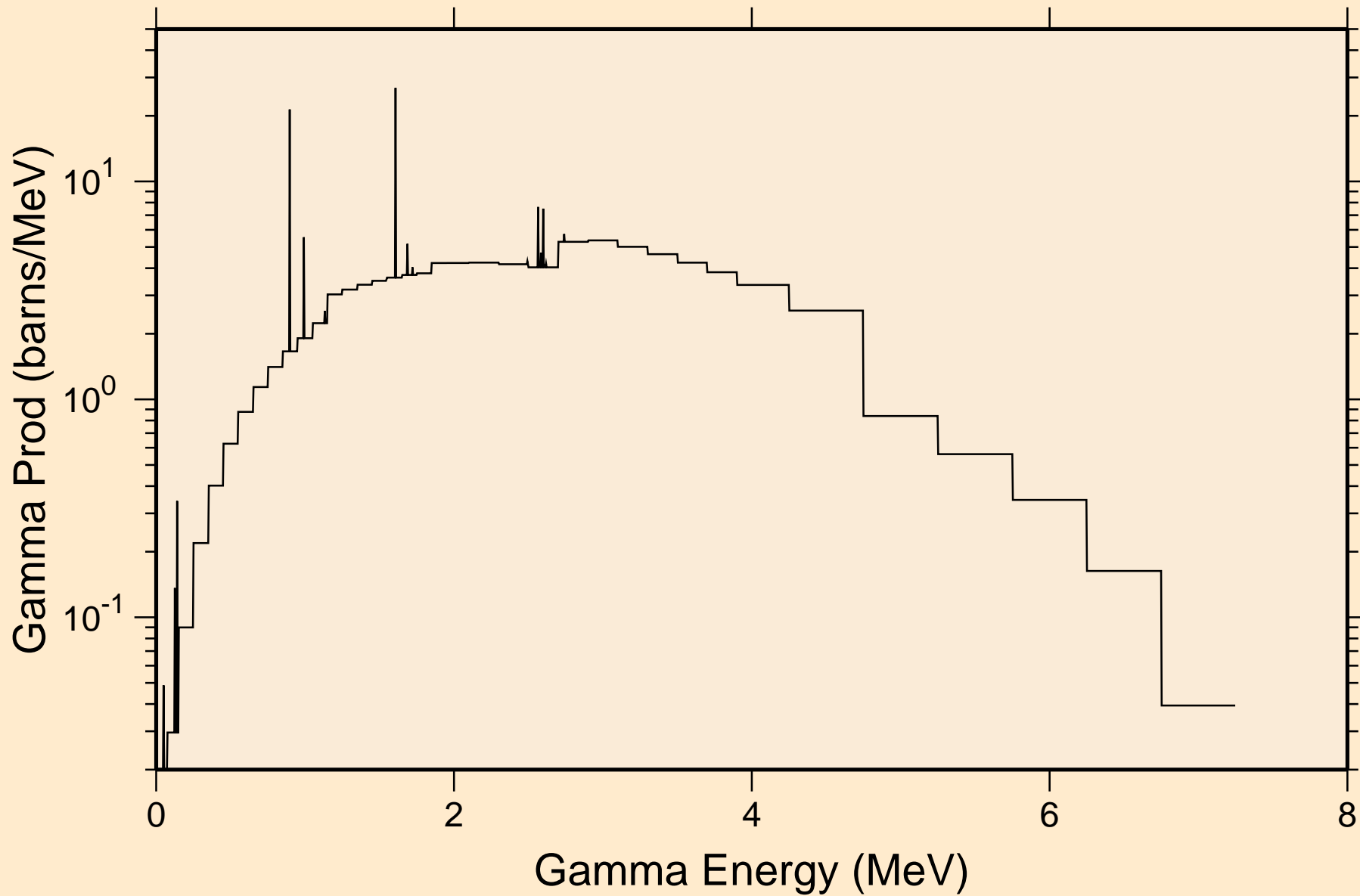
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Photon emission for (n,pd)



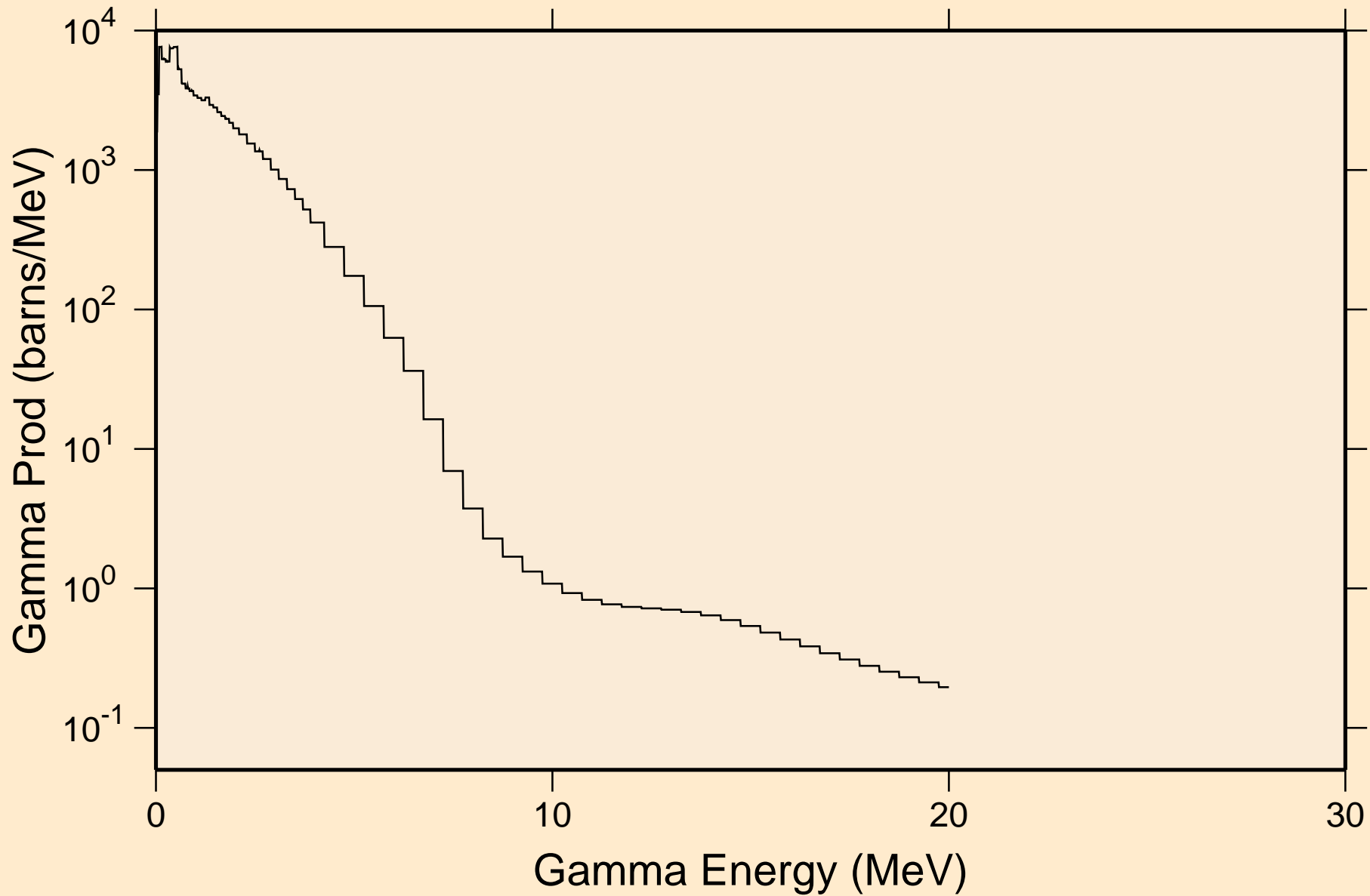
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



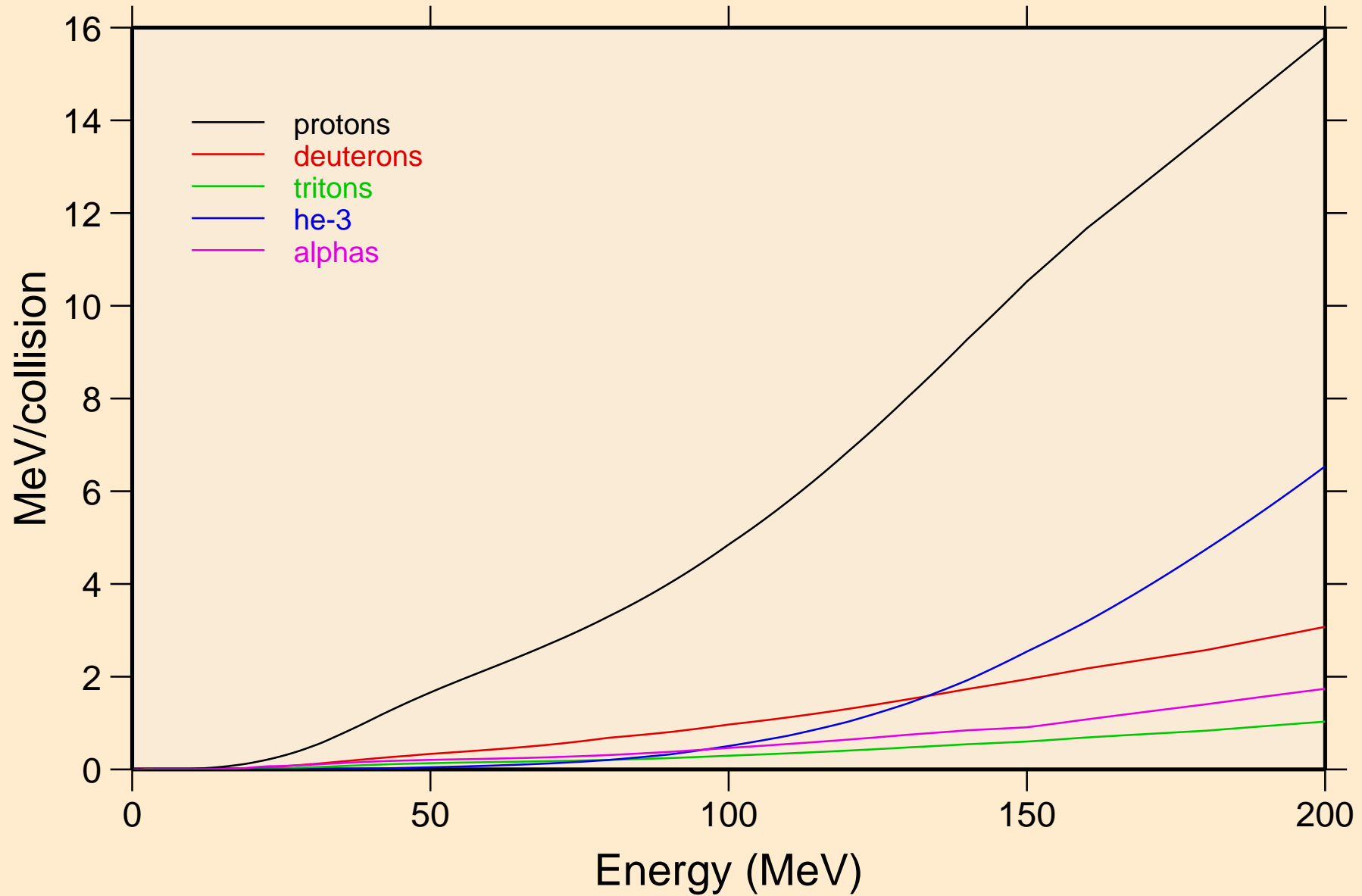
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thermal capture photon spectrum



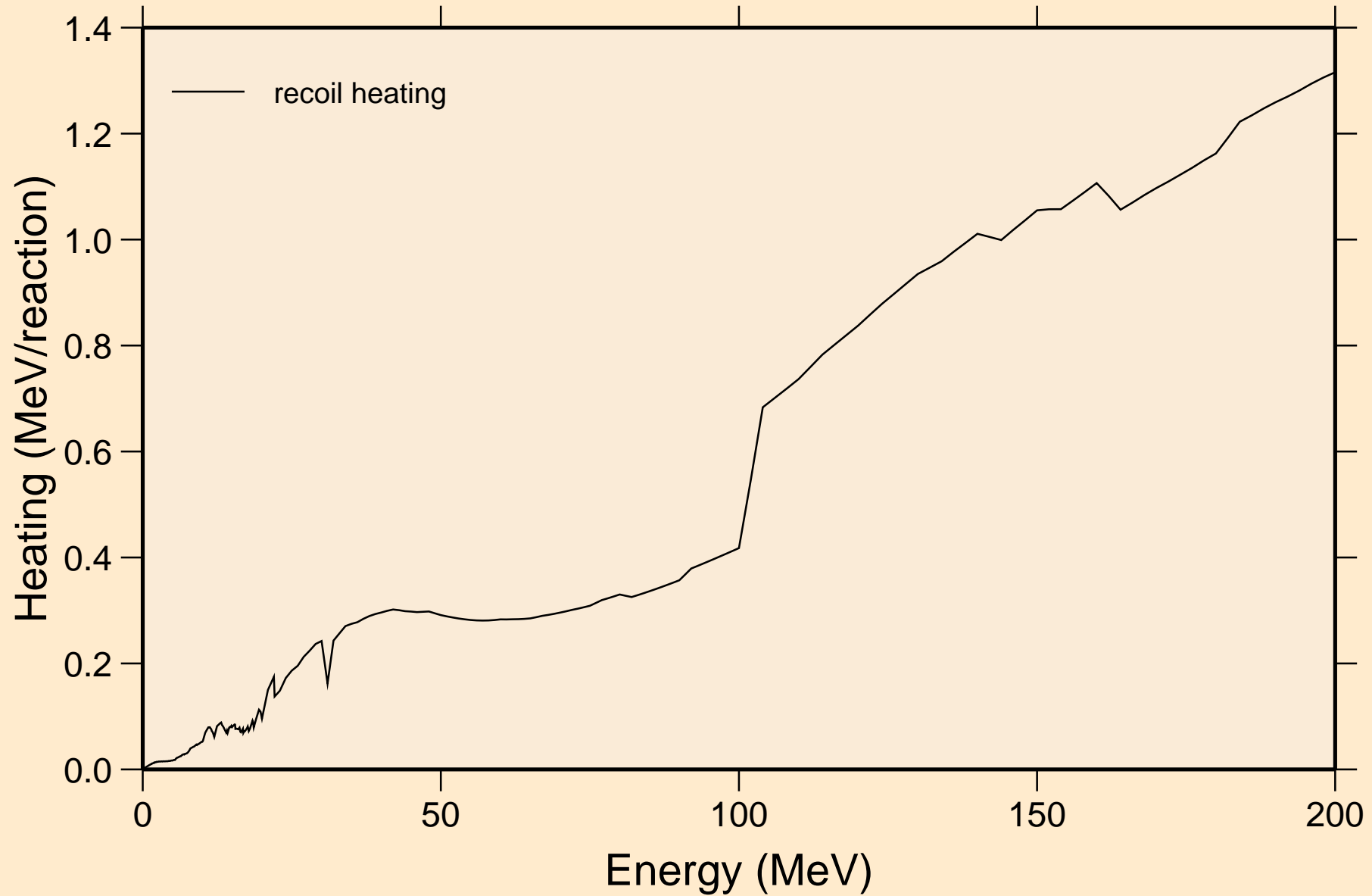
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14 MeV photon spectrum



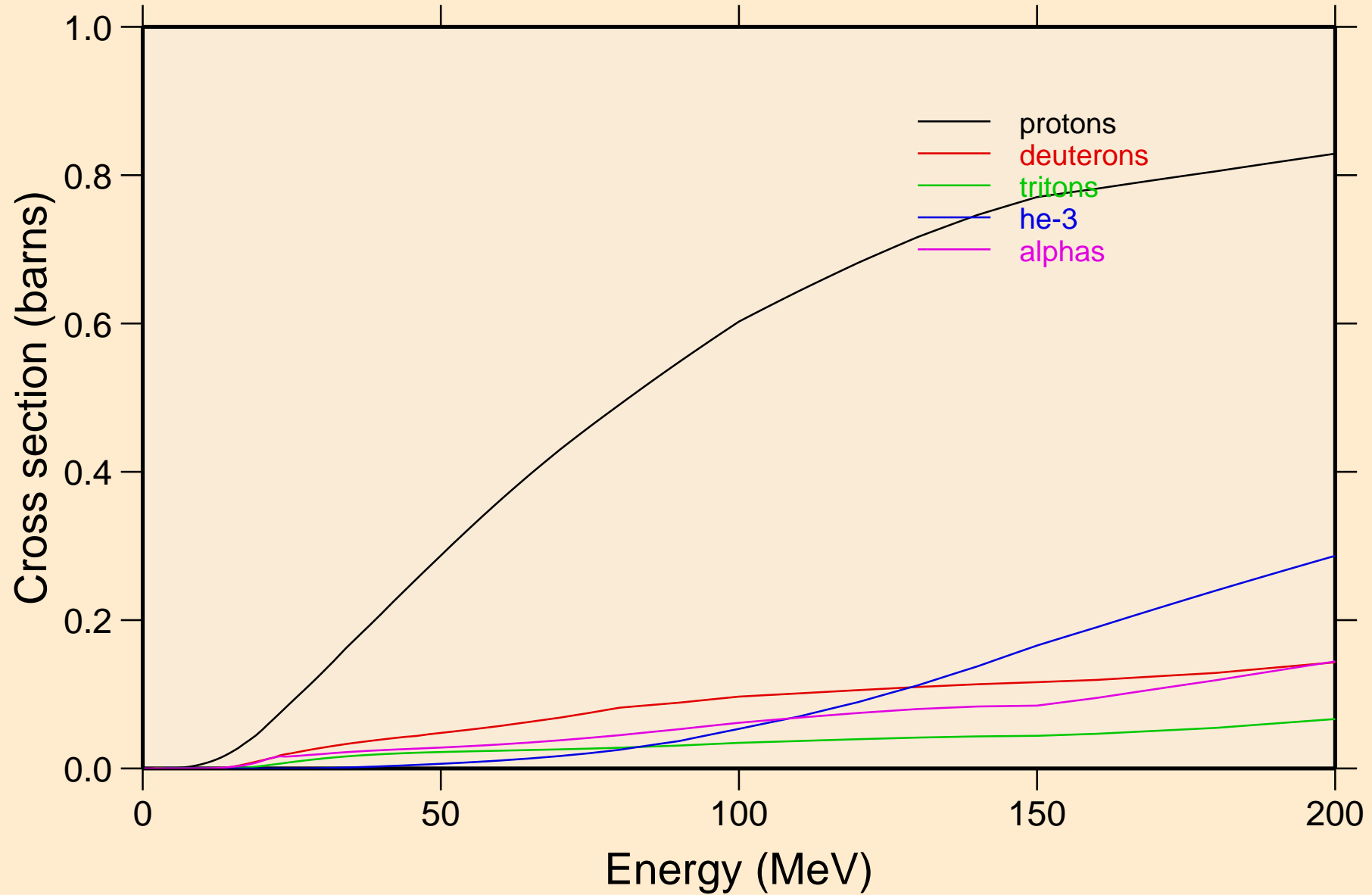
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Particle heating contributions



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

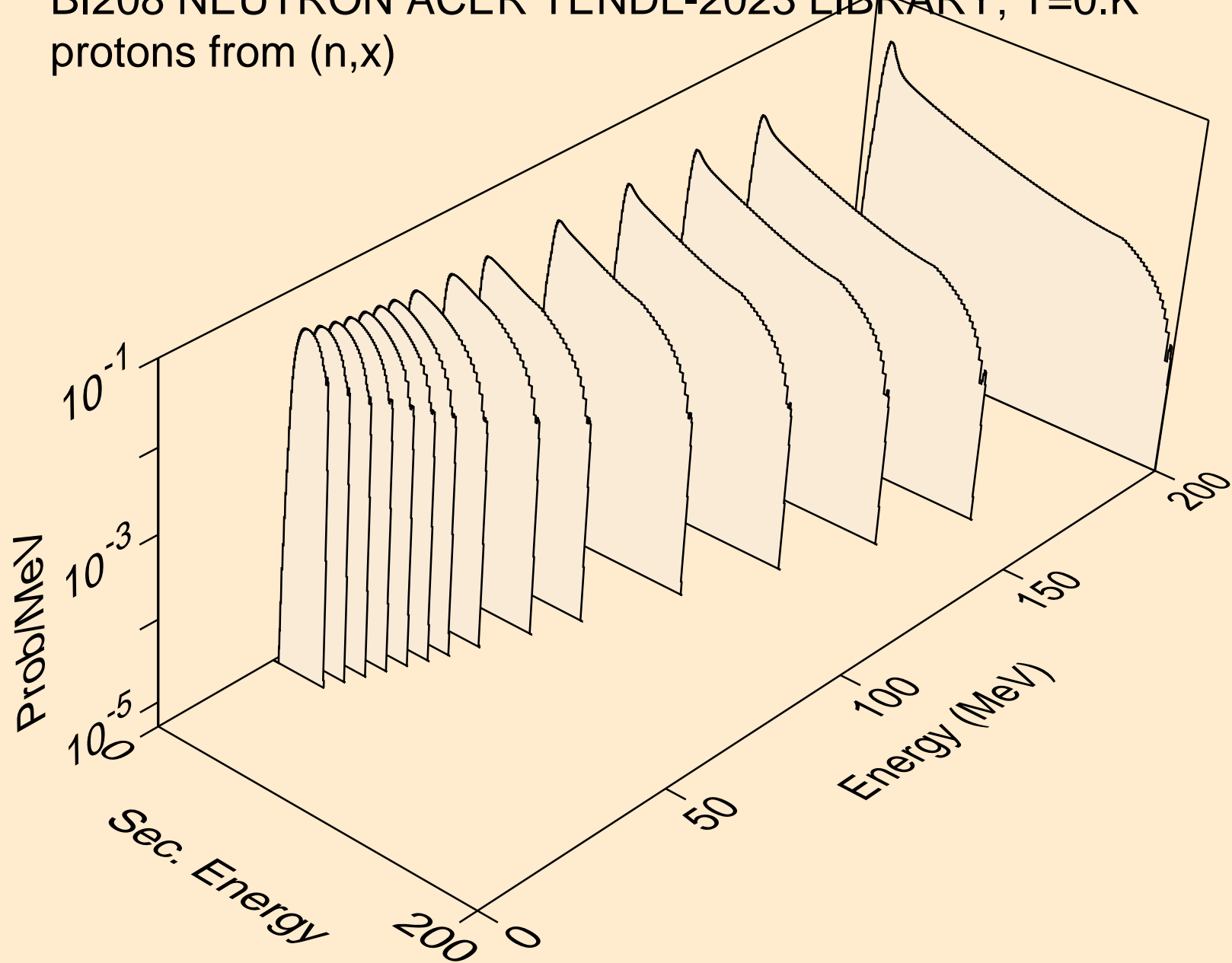


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

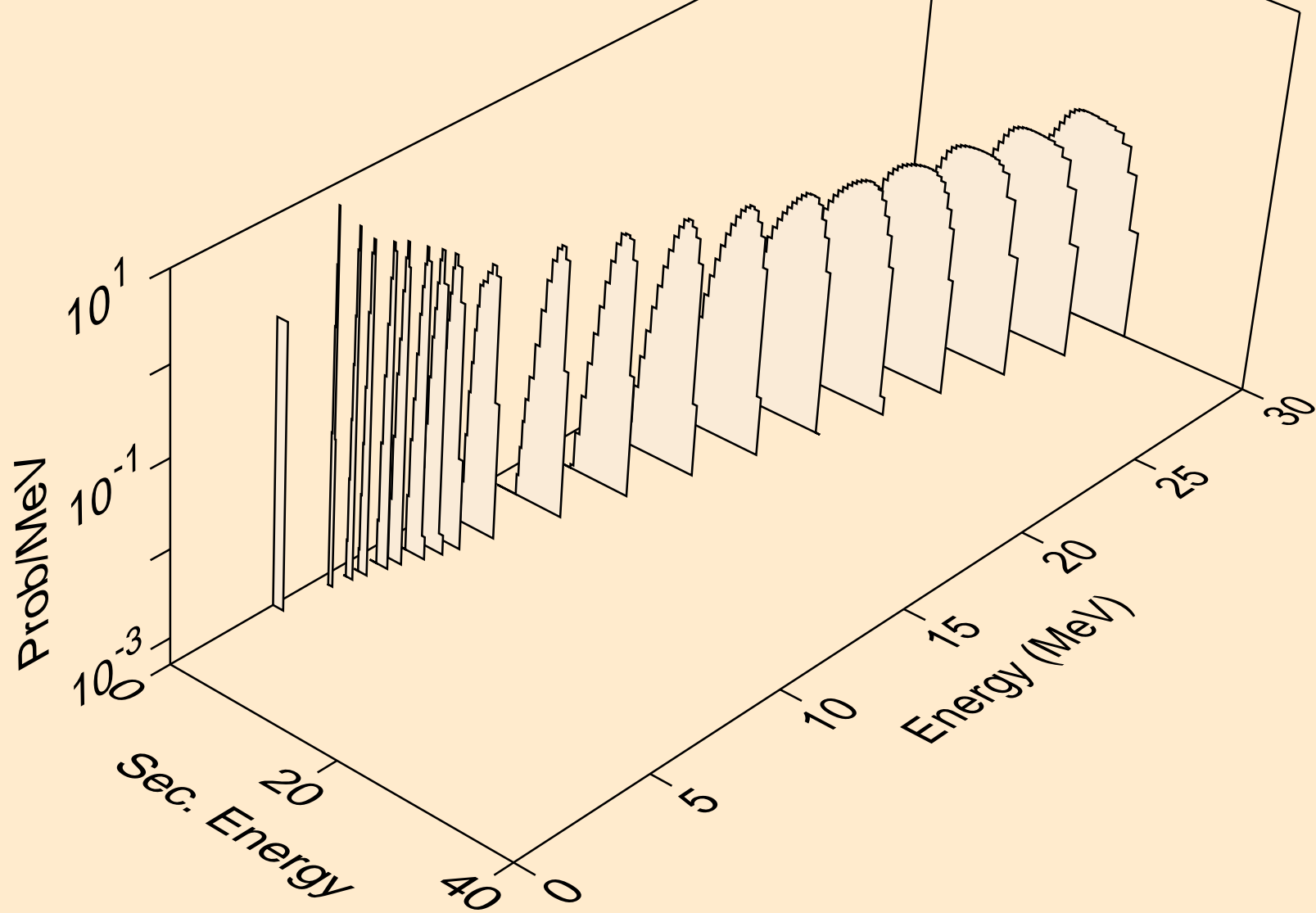




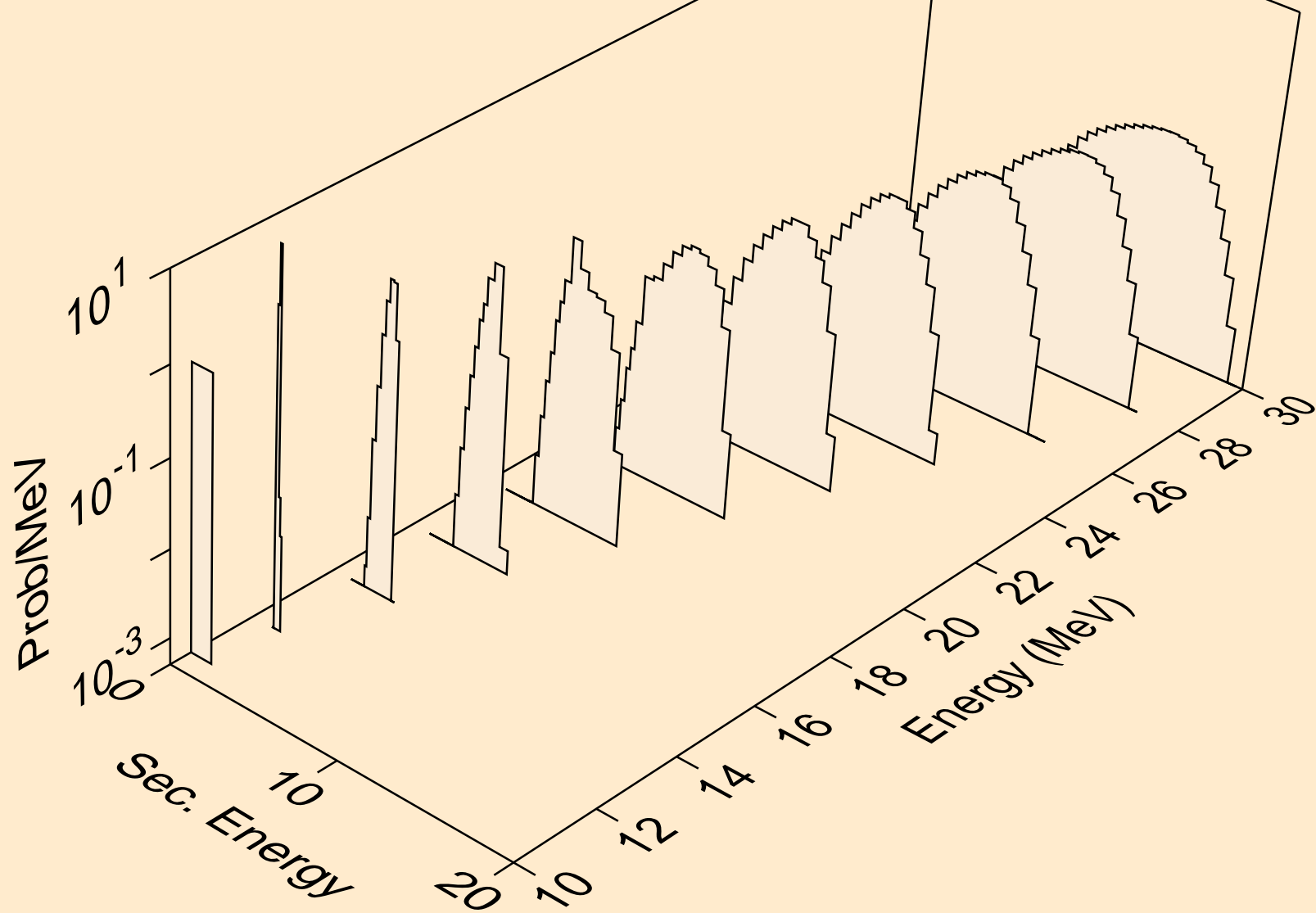
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protons from (n,x)



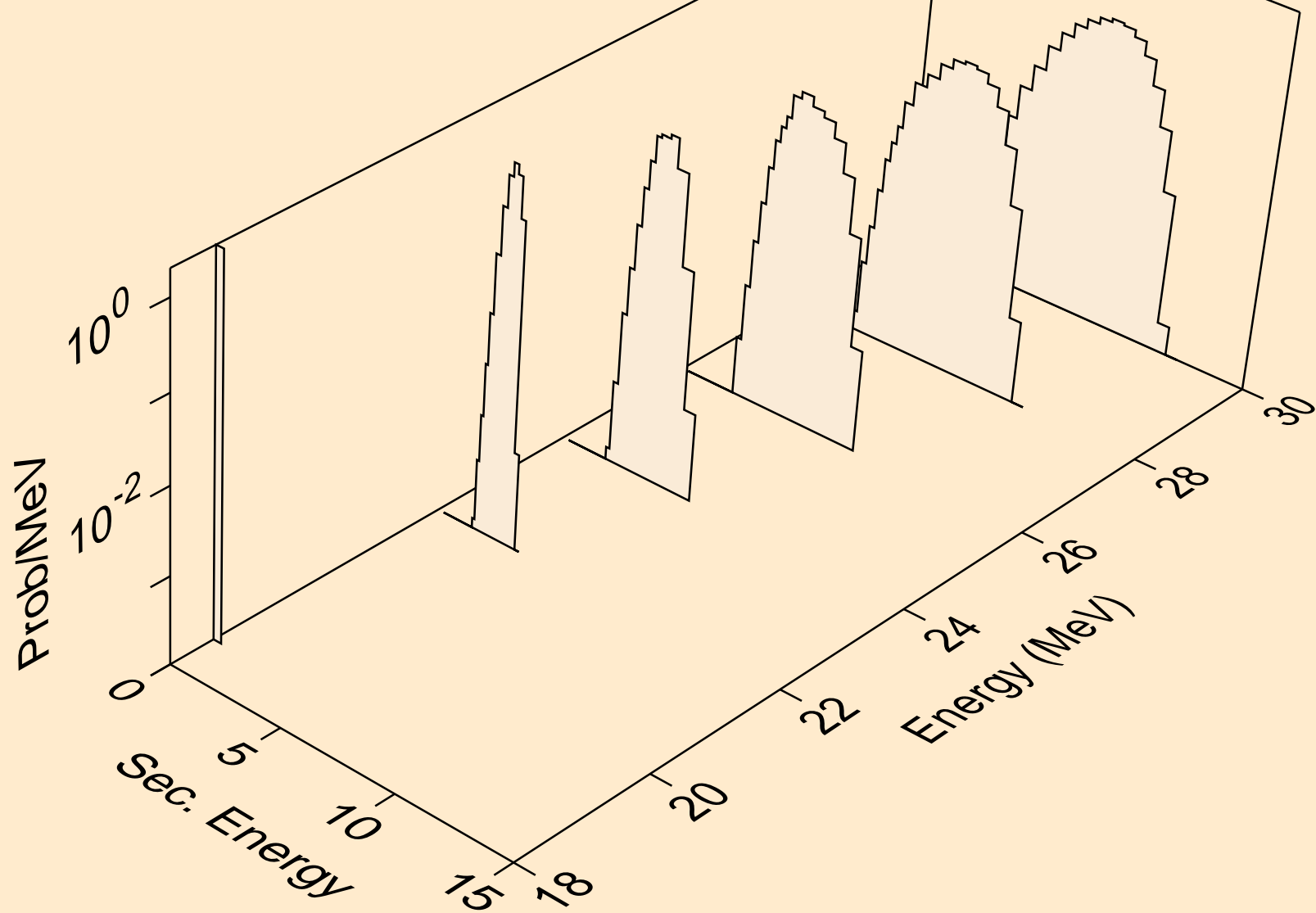
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protons from (n,n\*)p



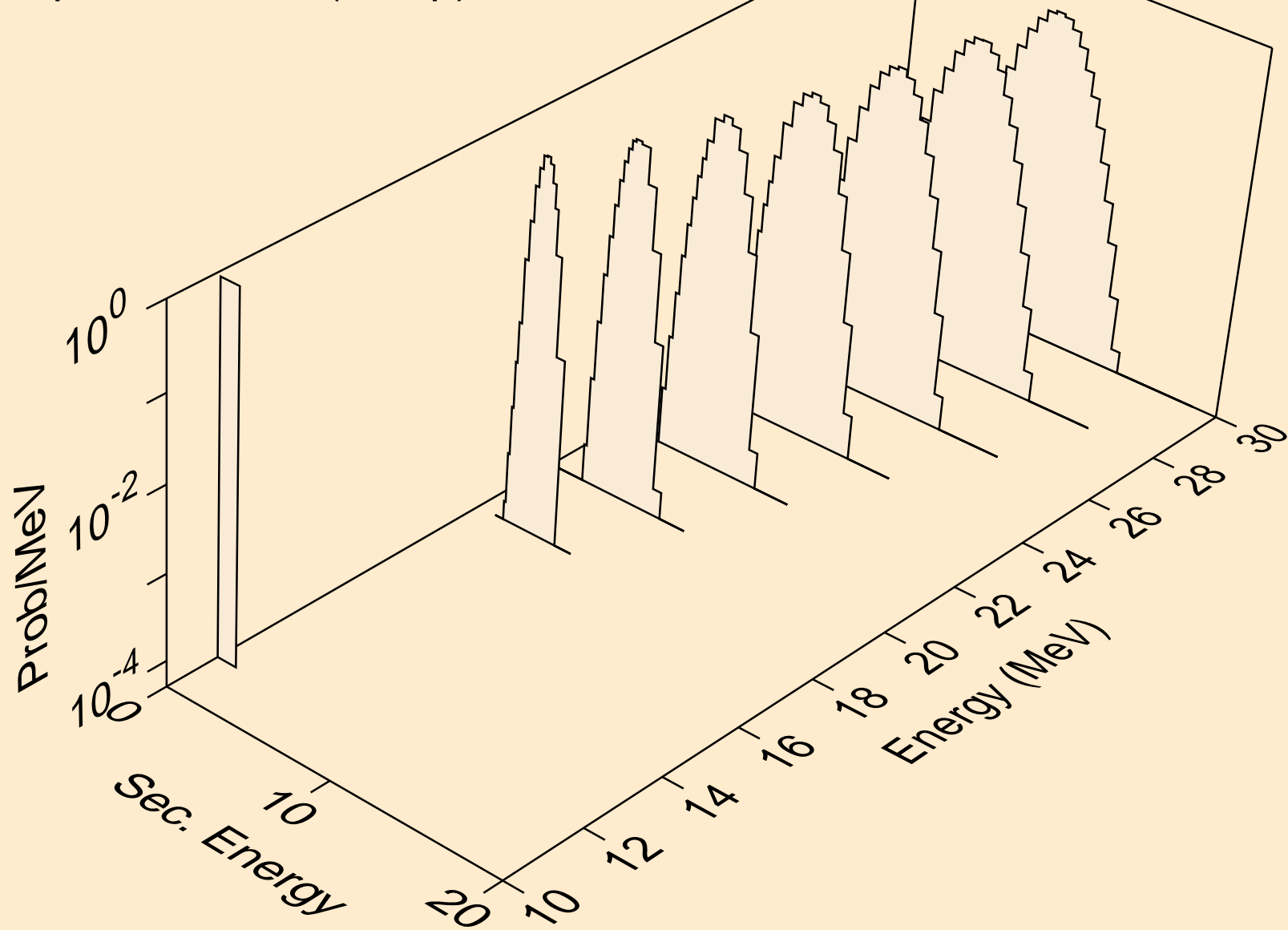
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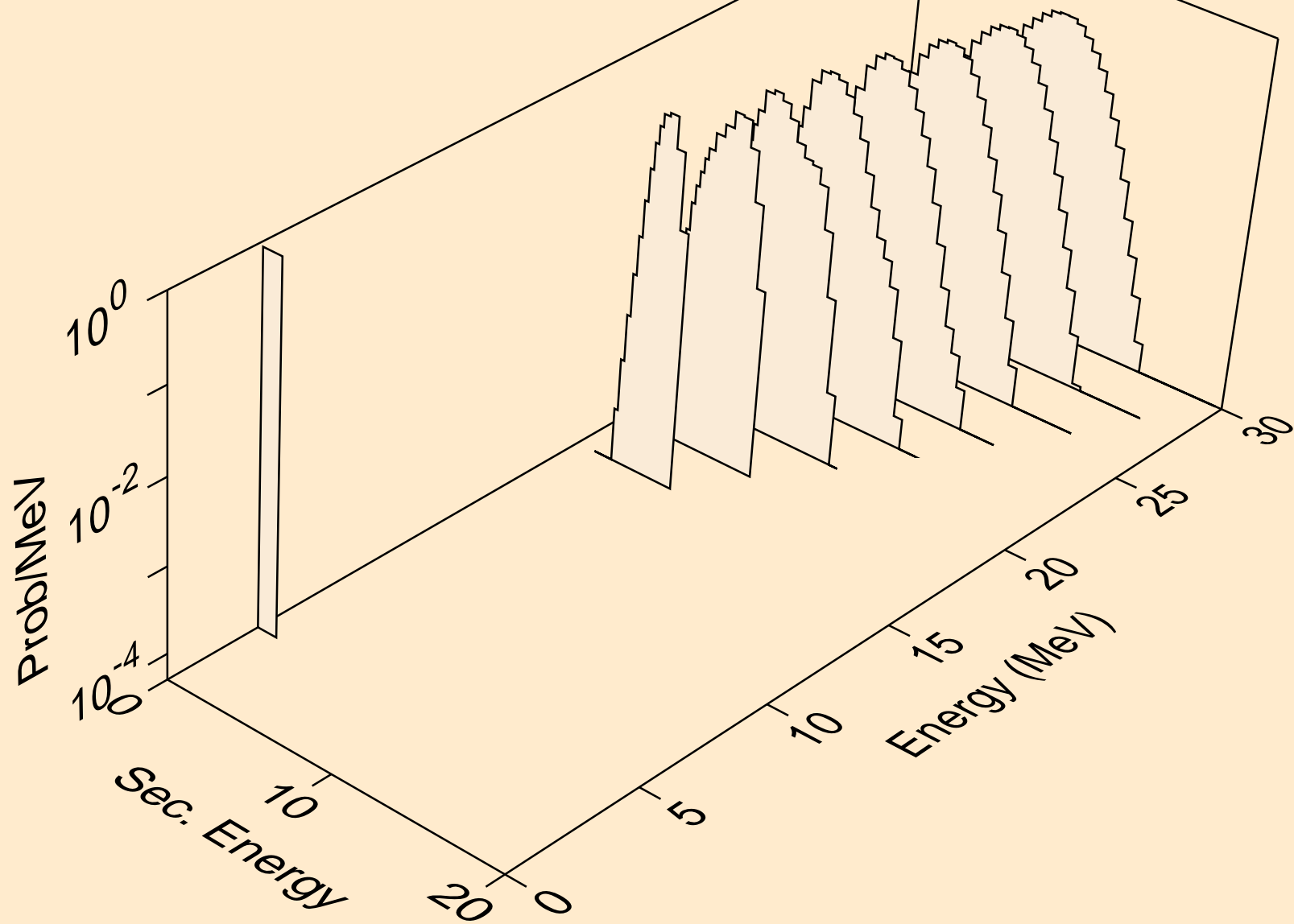
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protons from (n,3np)



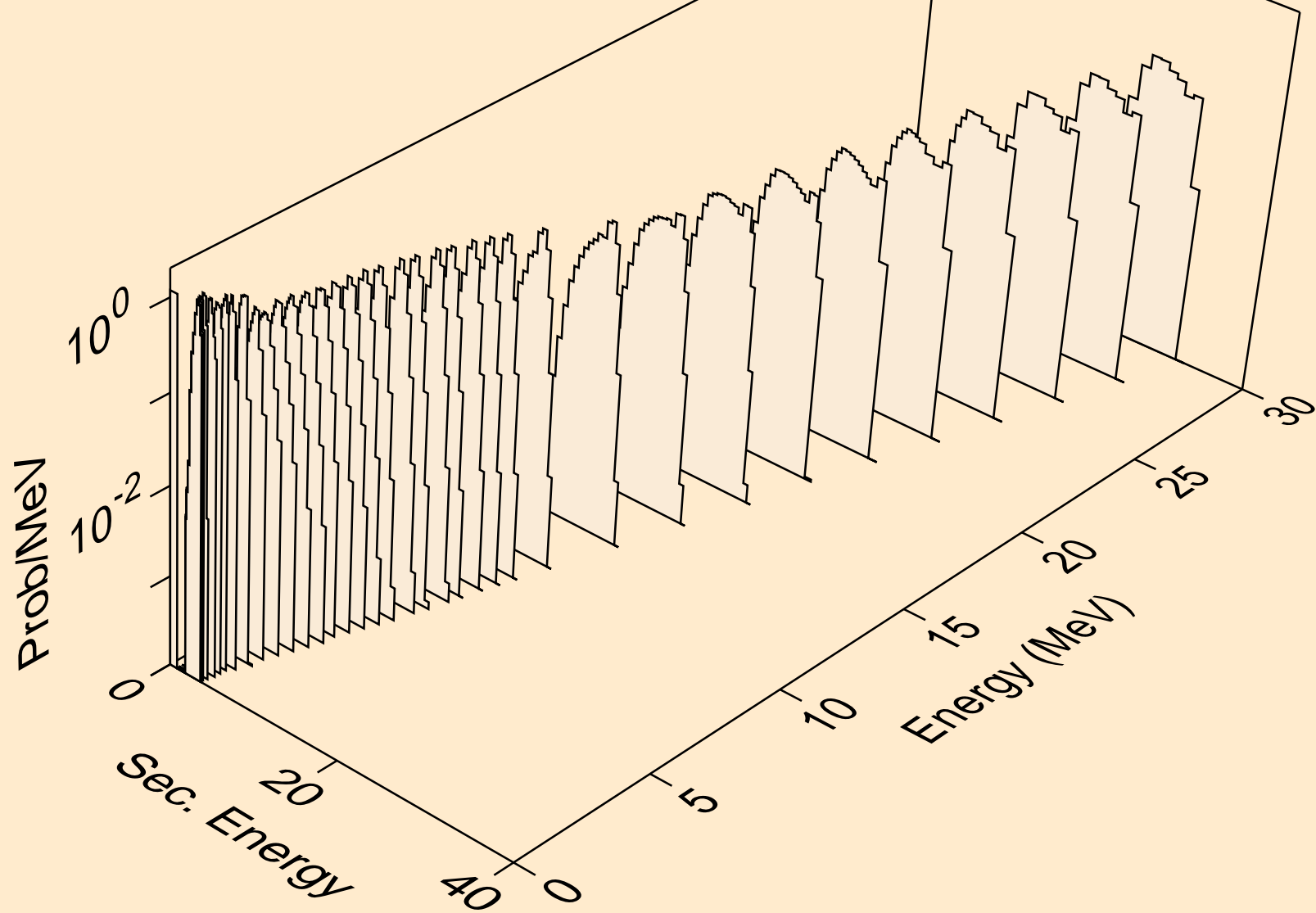
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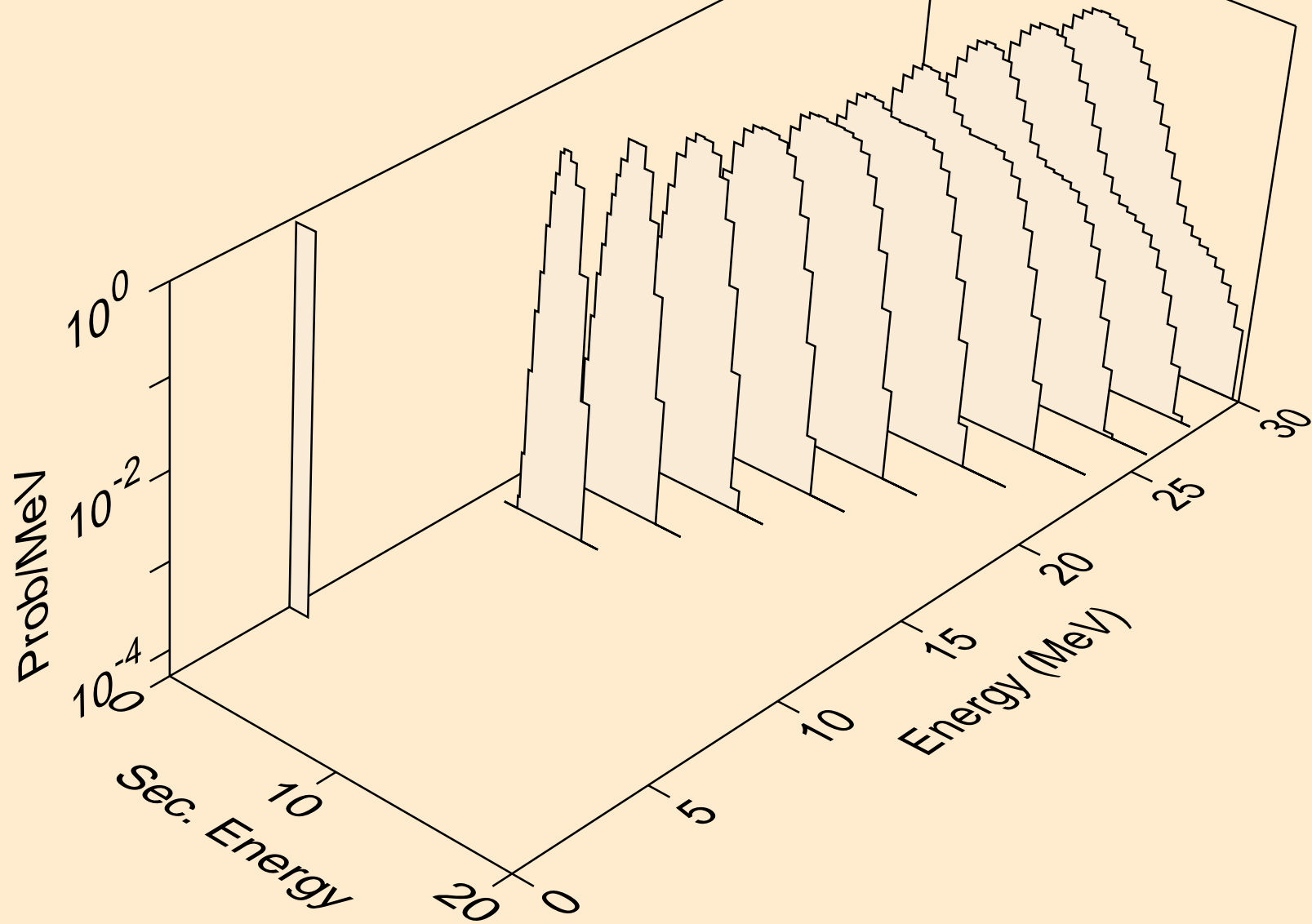
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protons from (n,npa)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

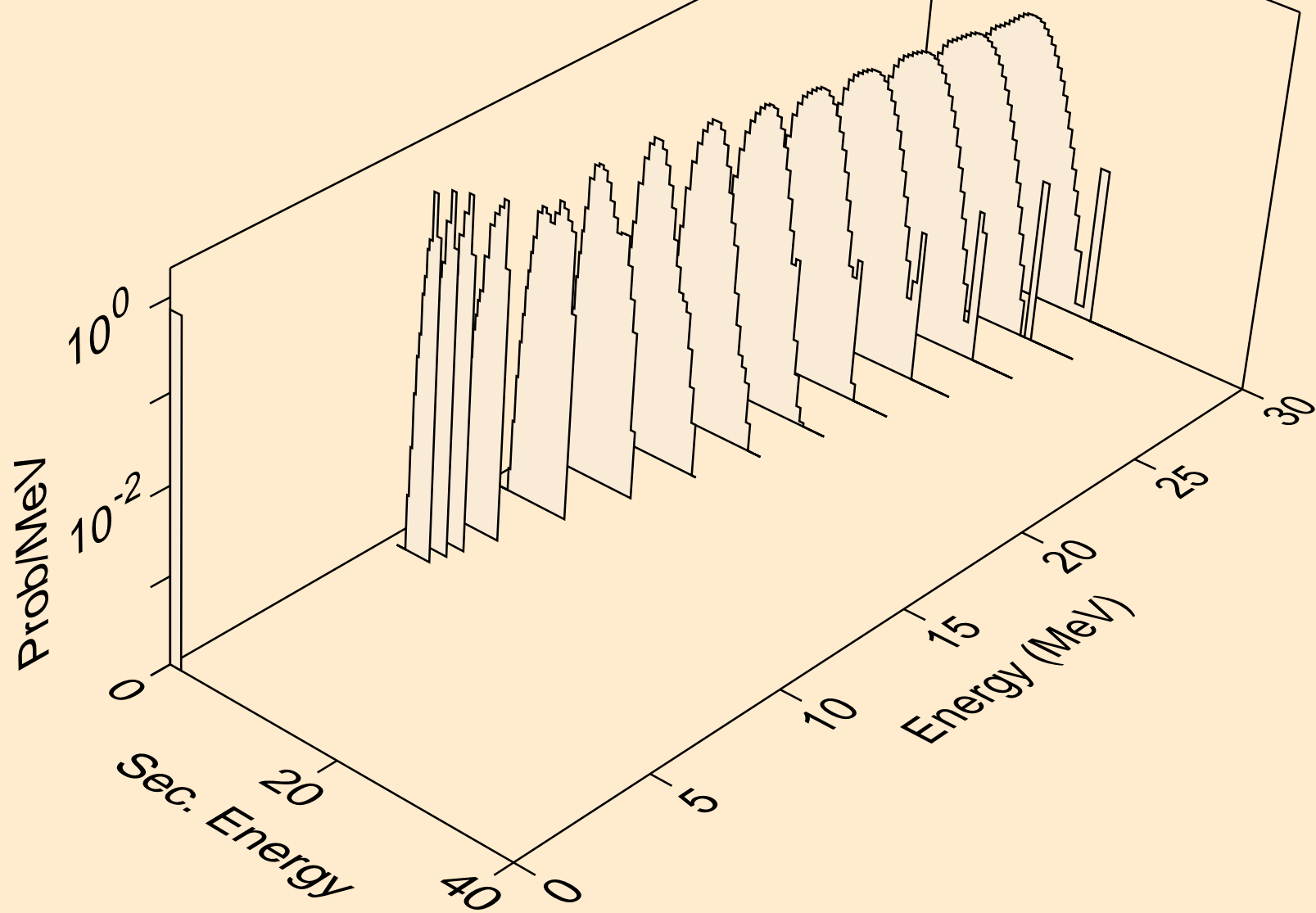


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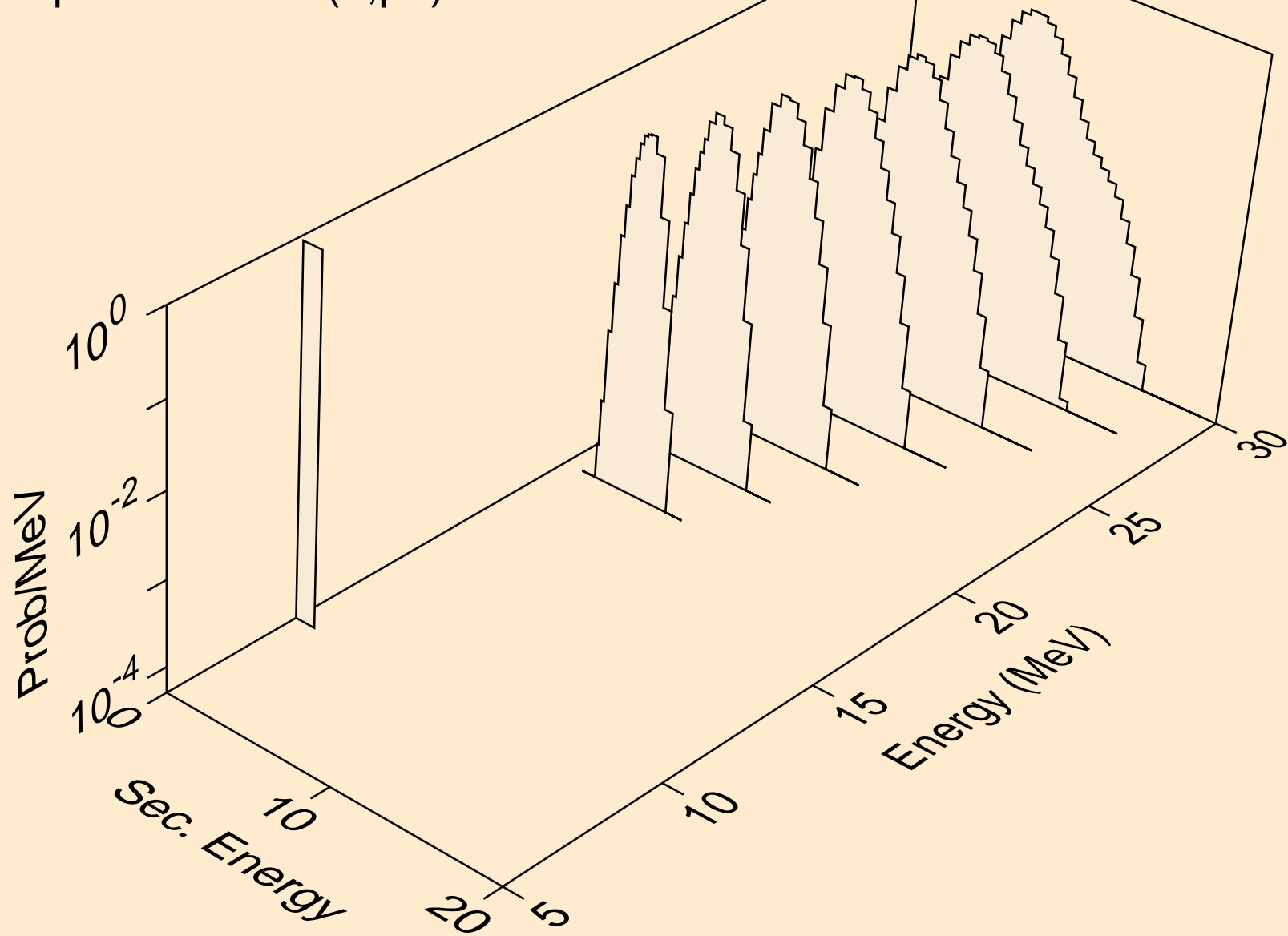




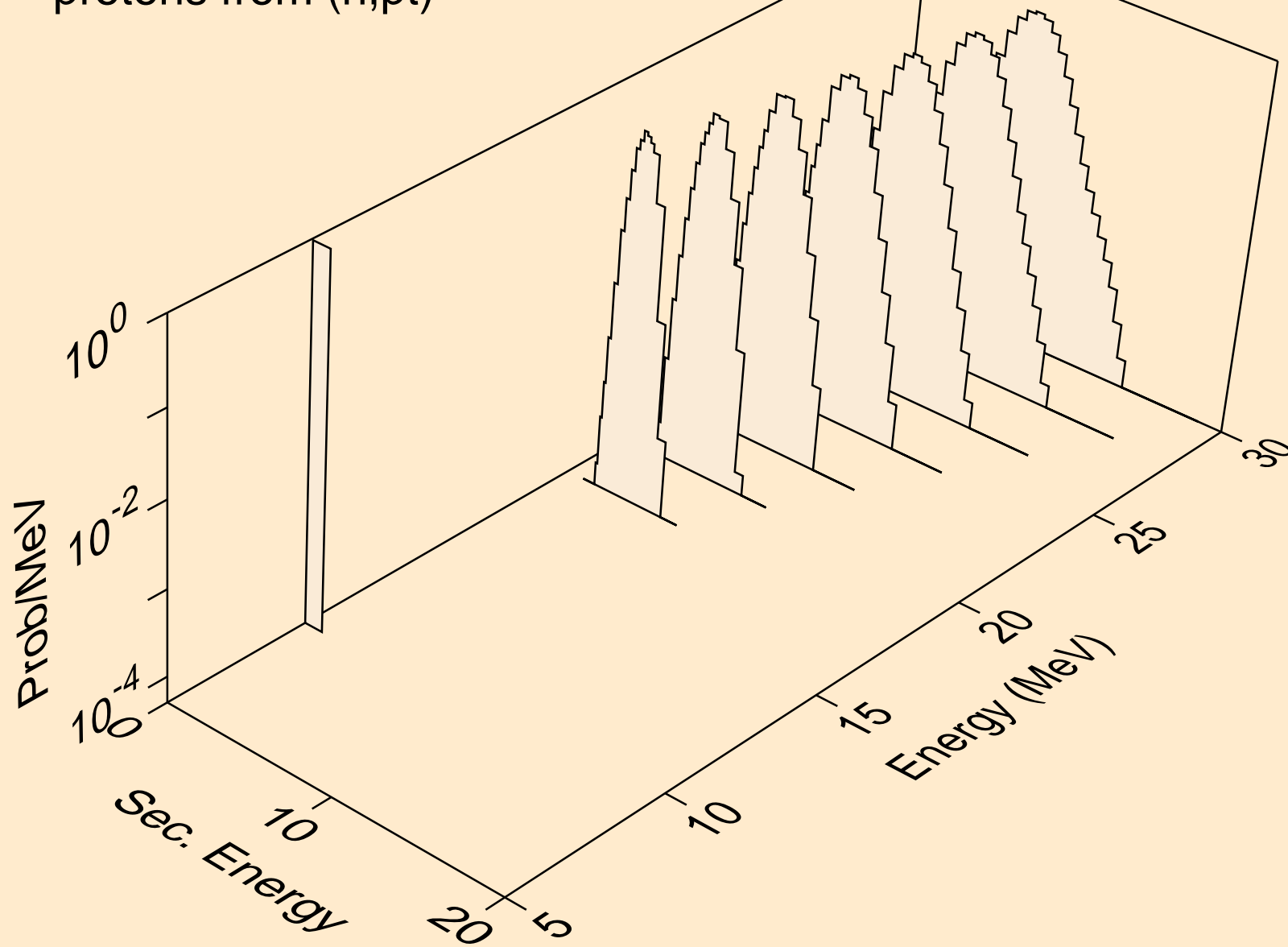
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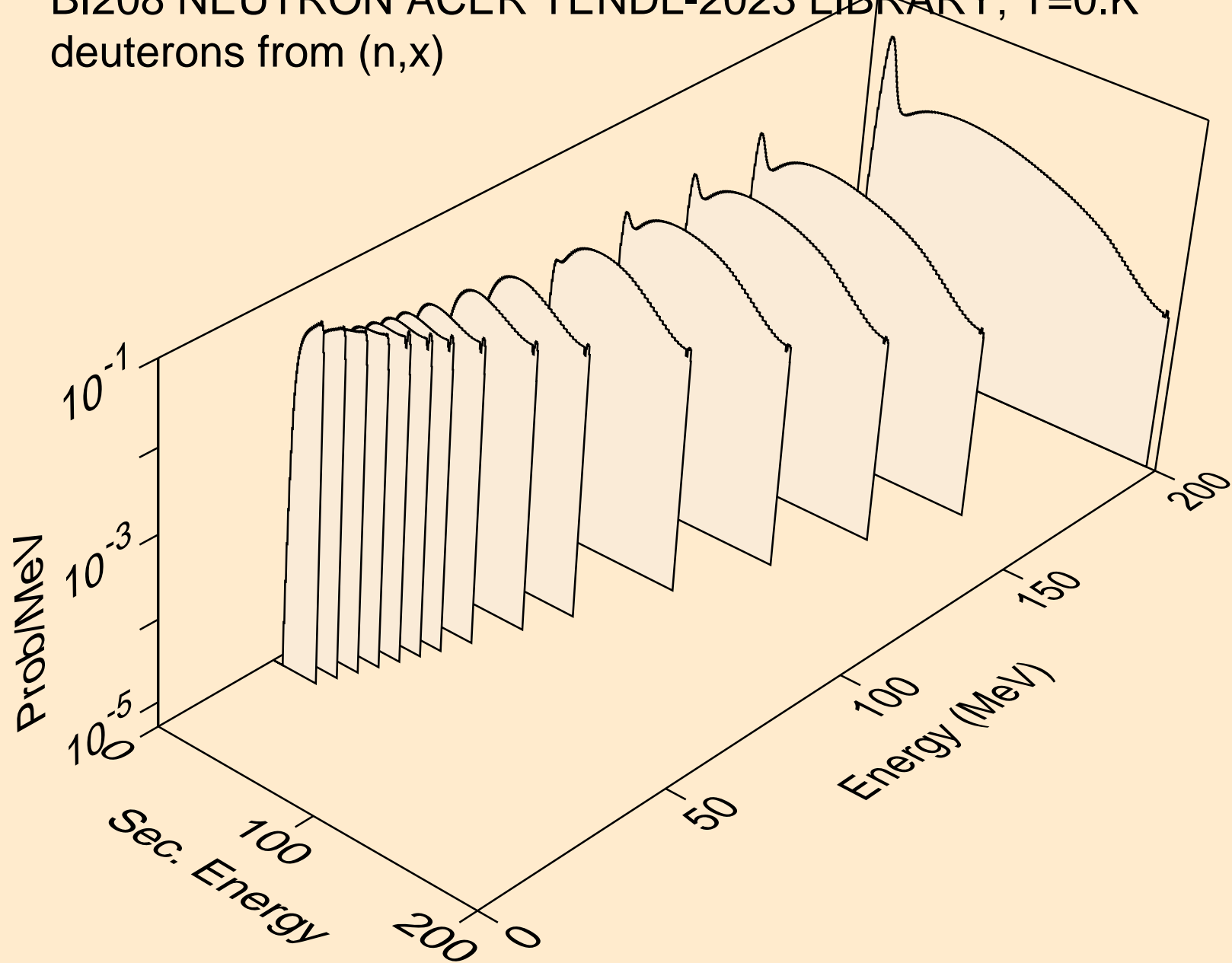
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protons from (n,pd)



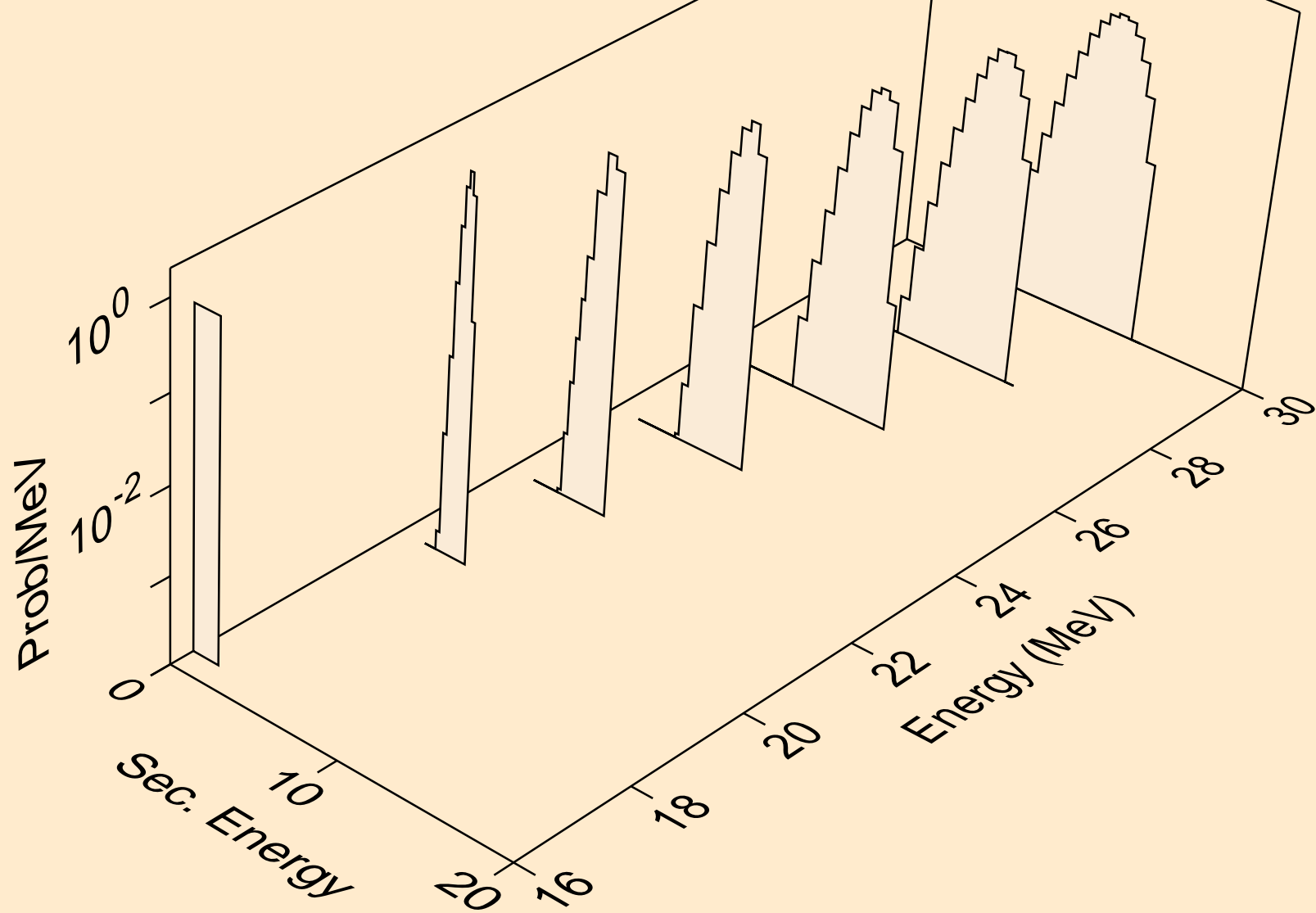
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protons from (n,pt)



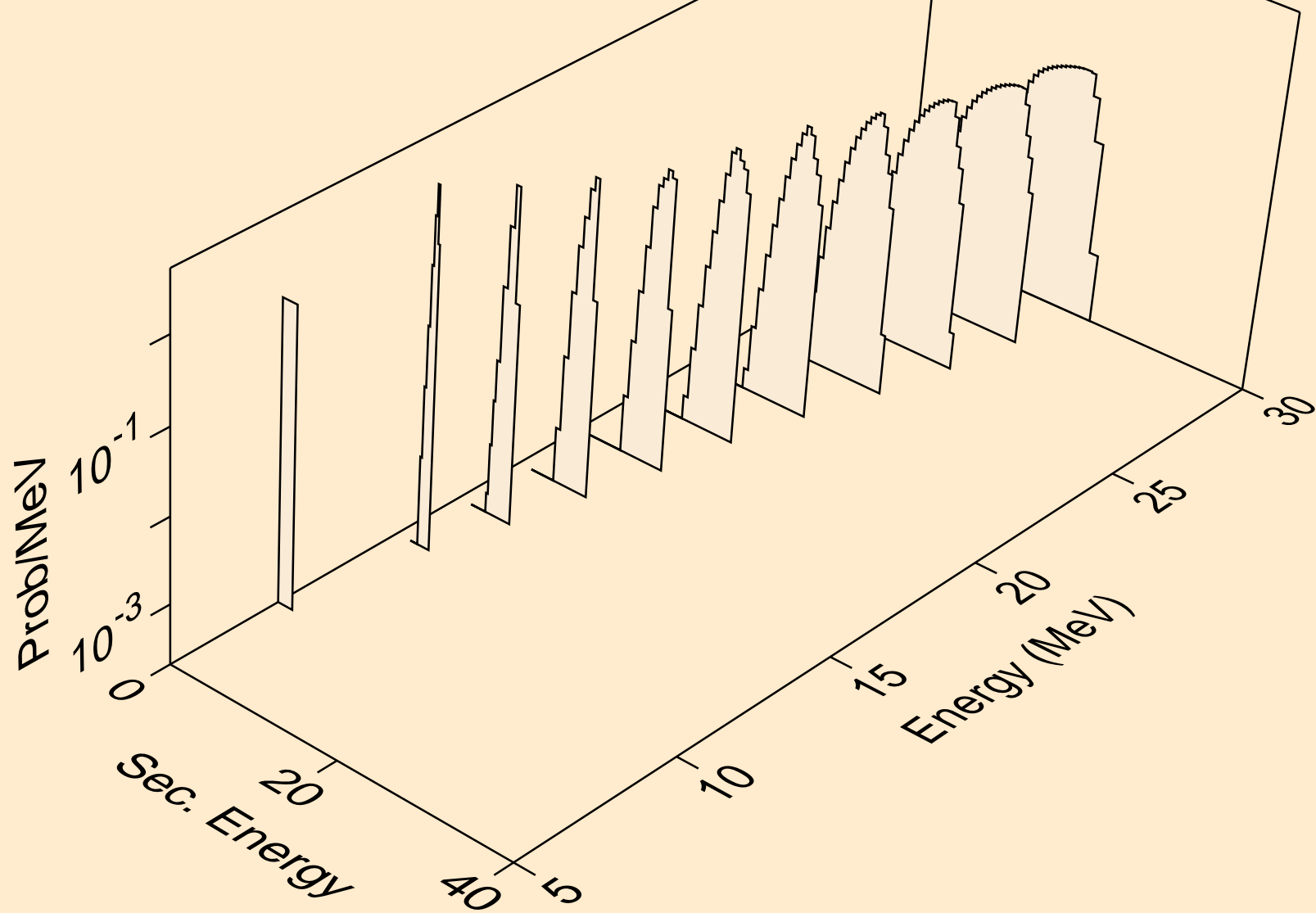
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deuterons from (n,x)



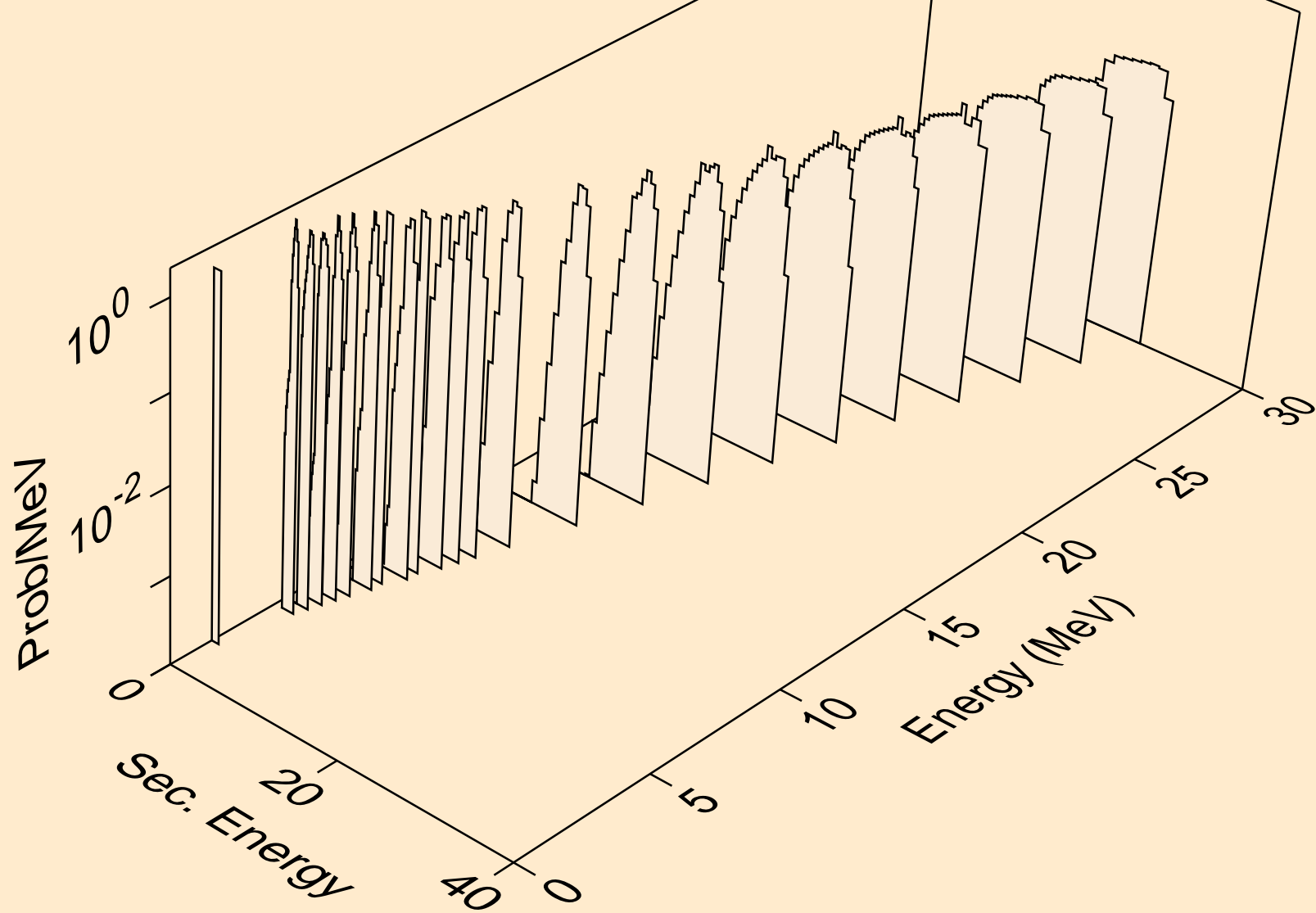
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deuterons from (n,2nd)



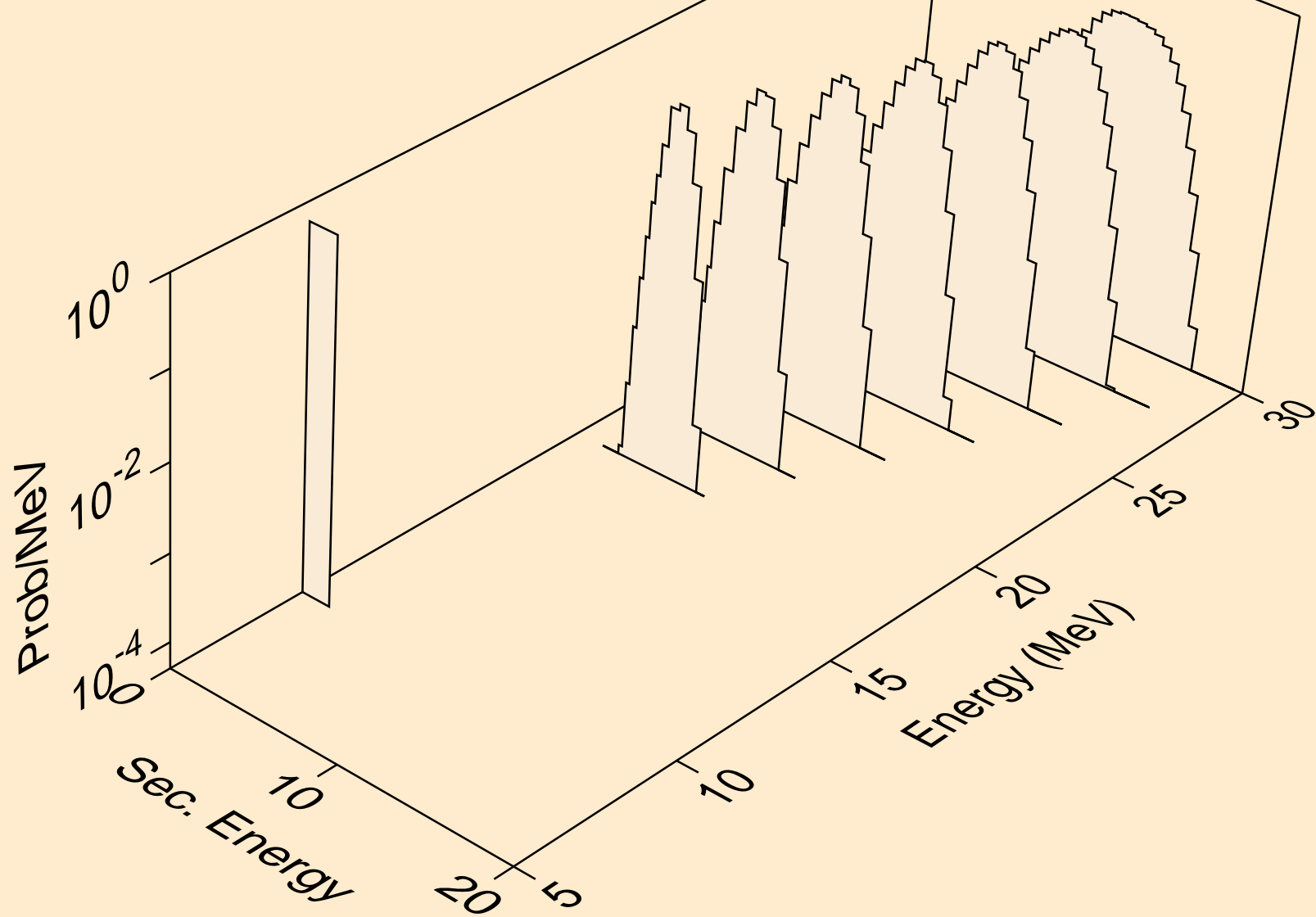
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deuterons from (n,n\*)d



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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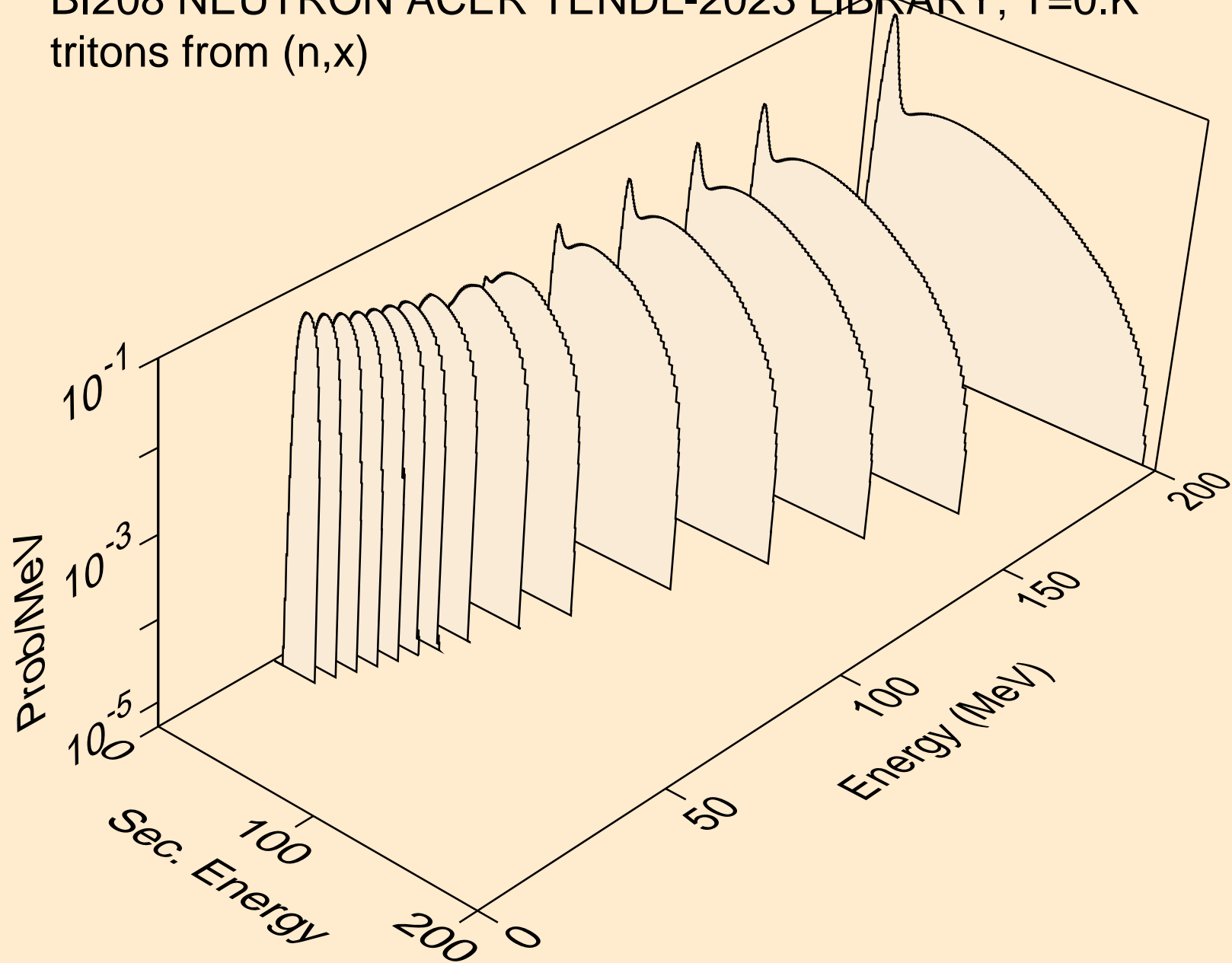


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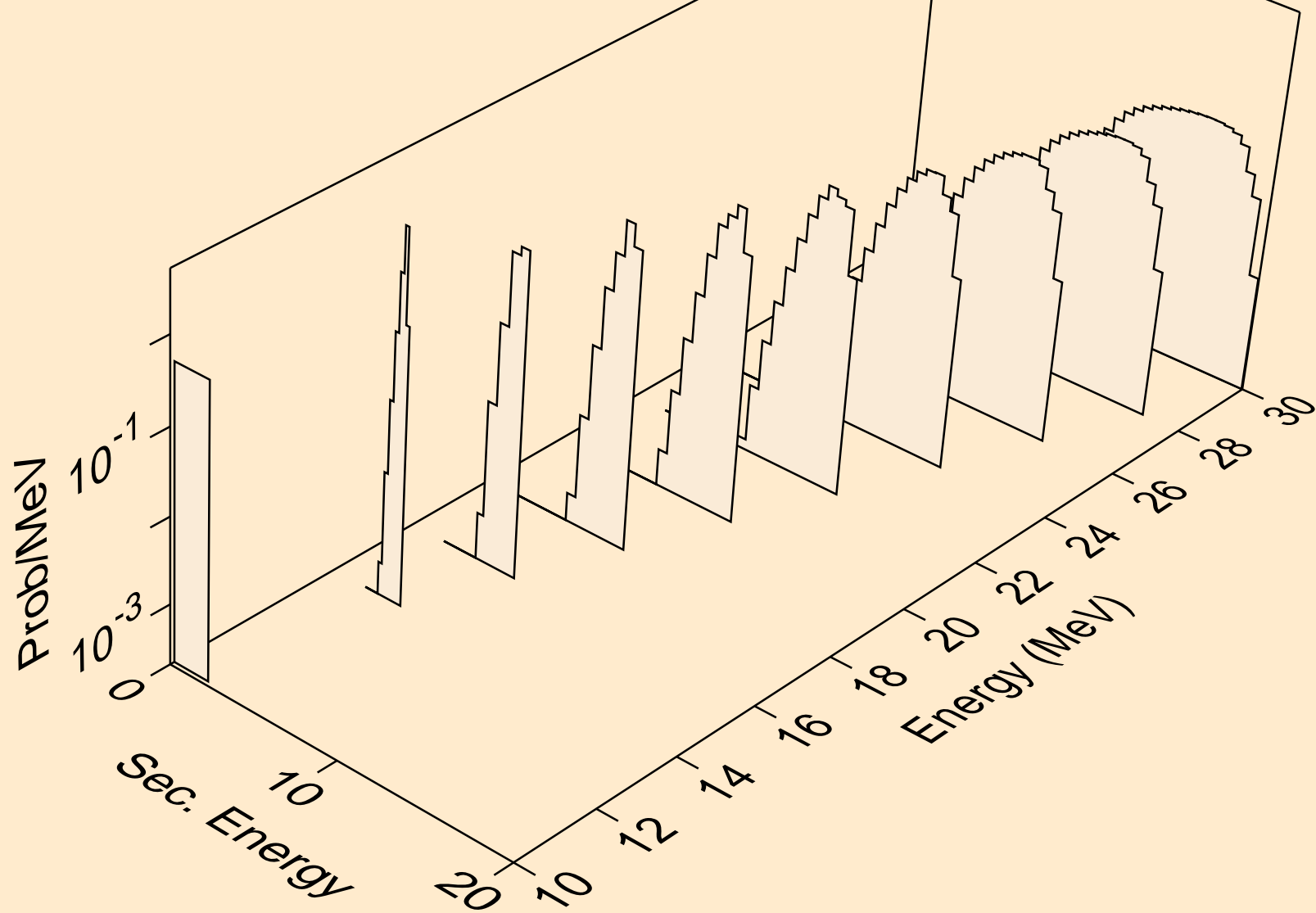




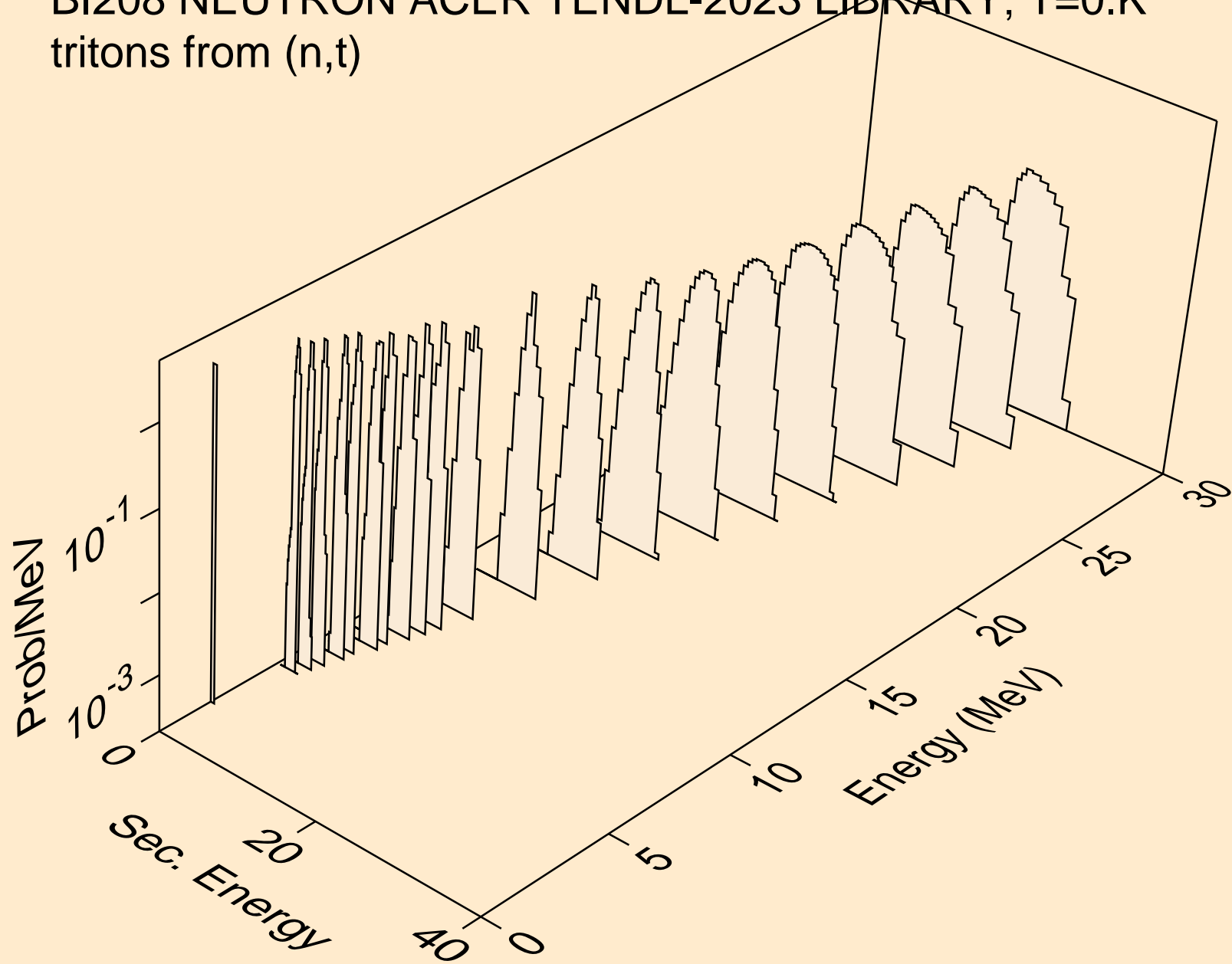
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tritons from (n,x)



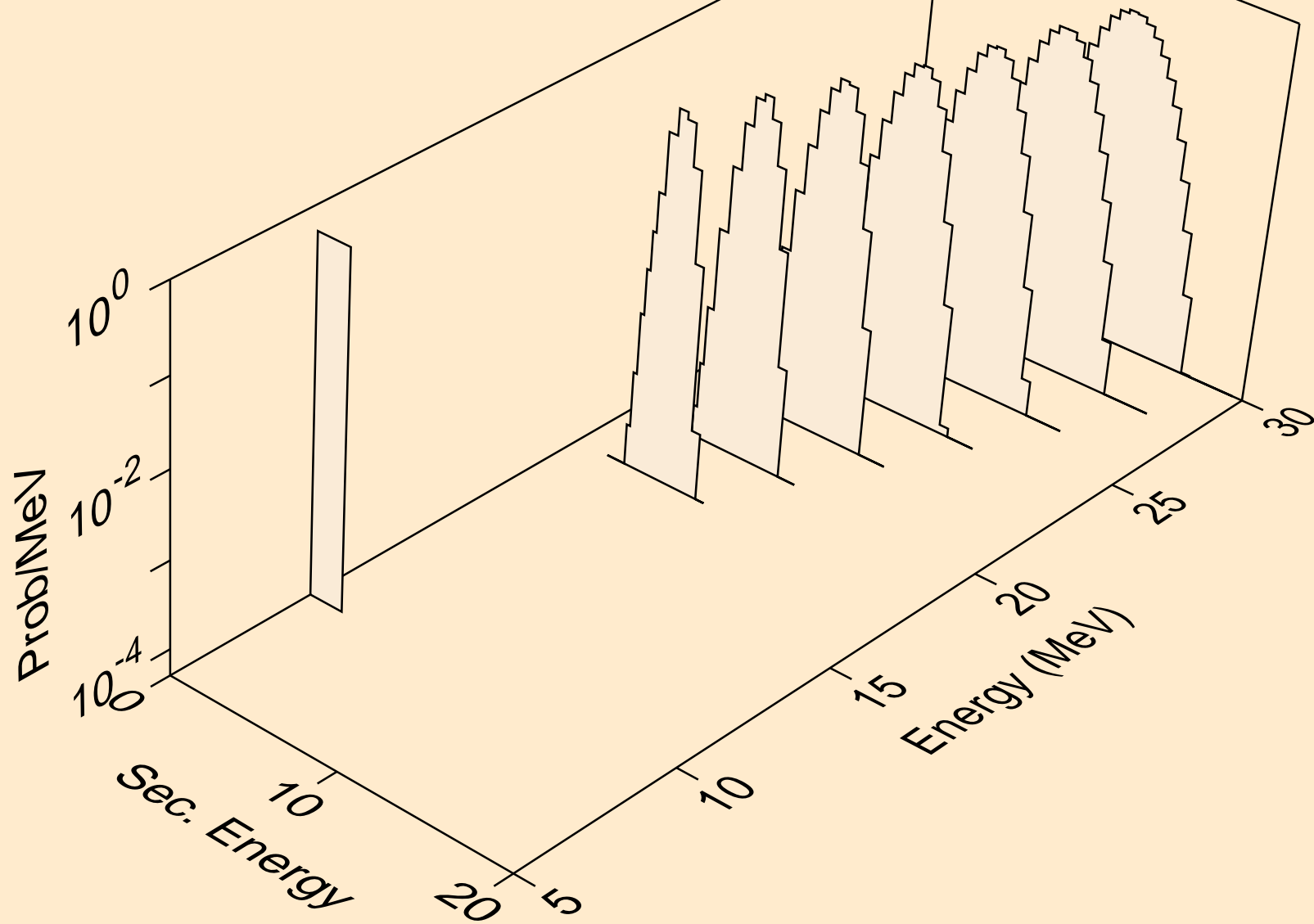
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tritons from (n,n\*)t



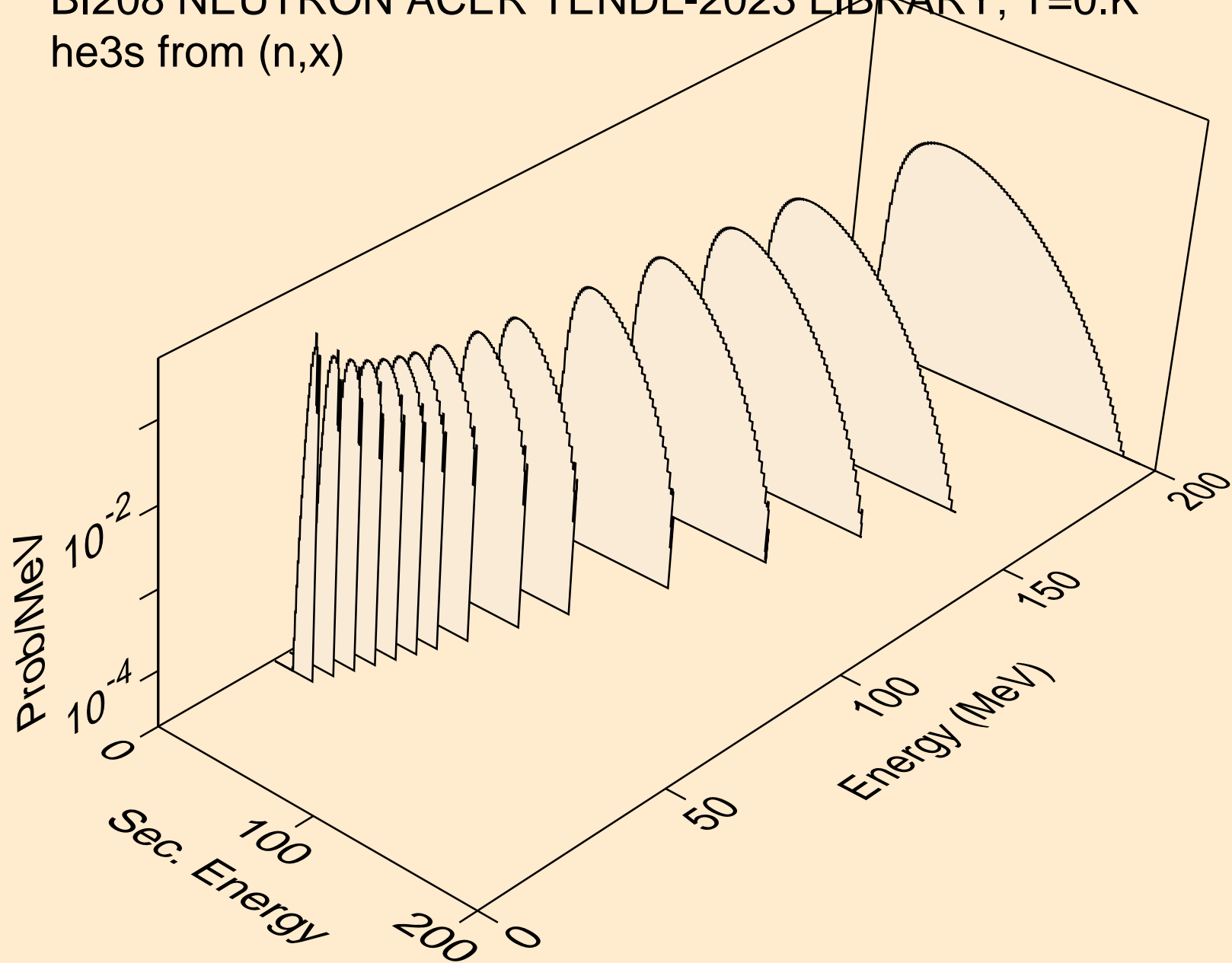
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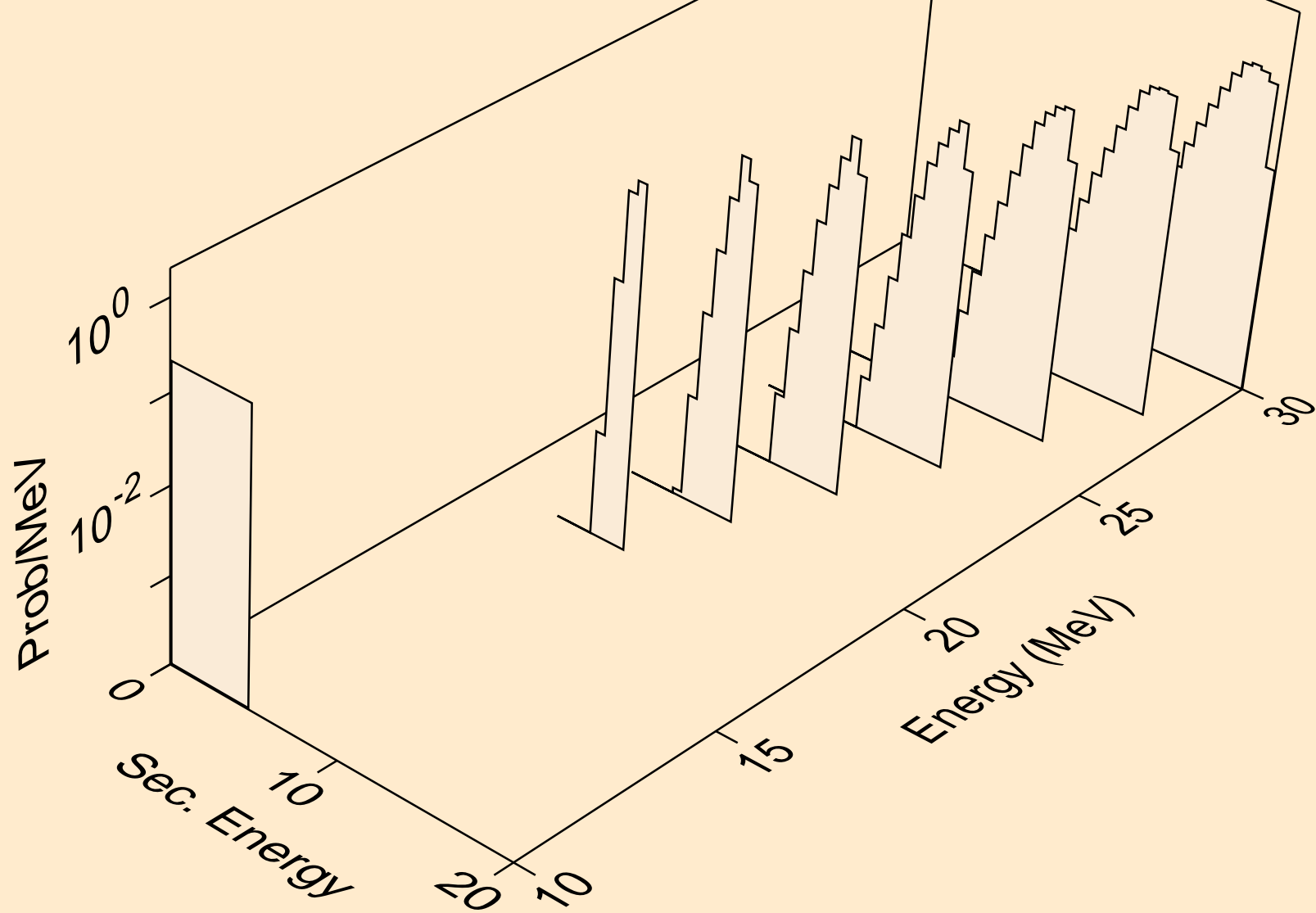
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tritons from (n,pt)



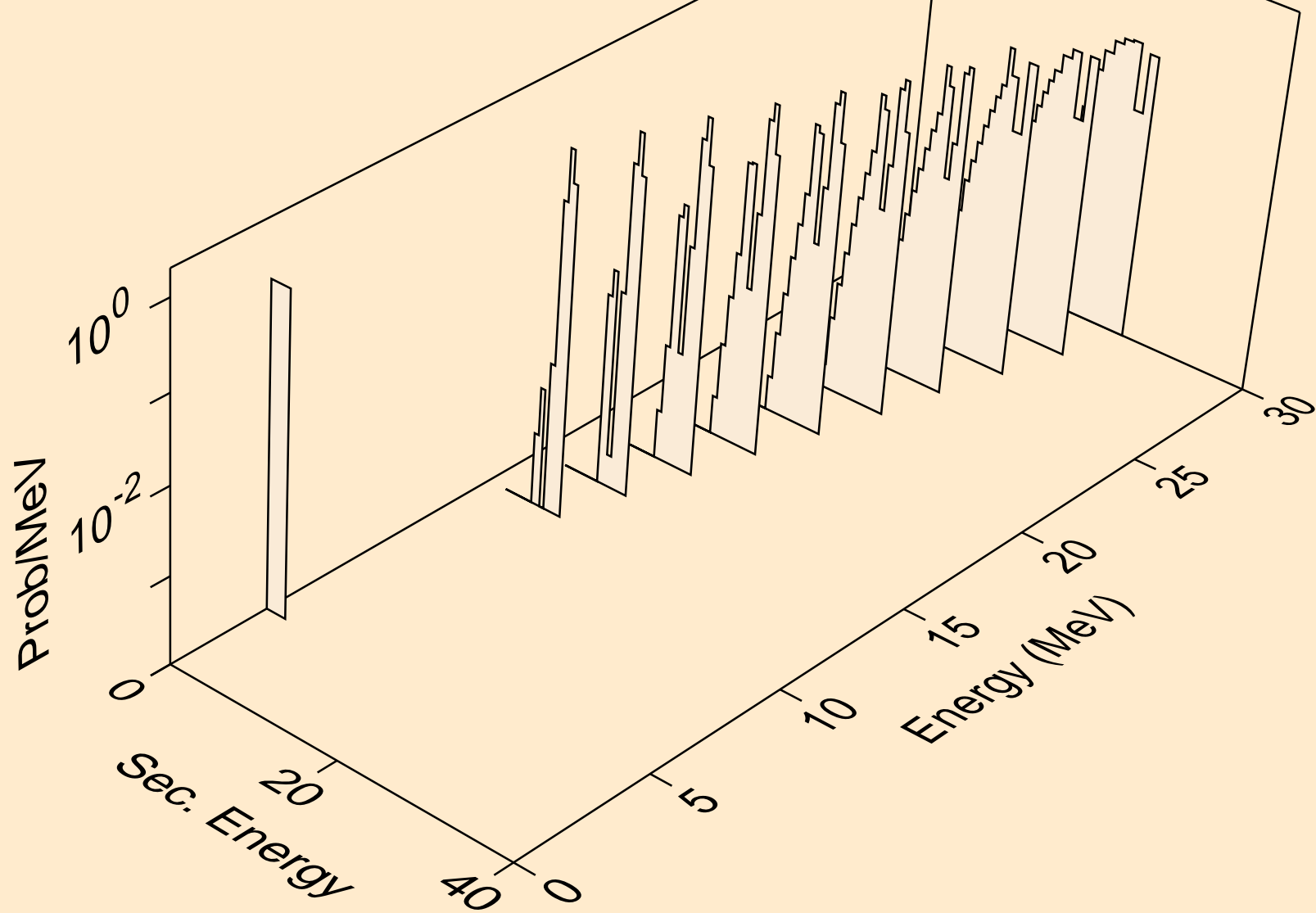
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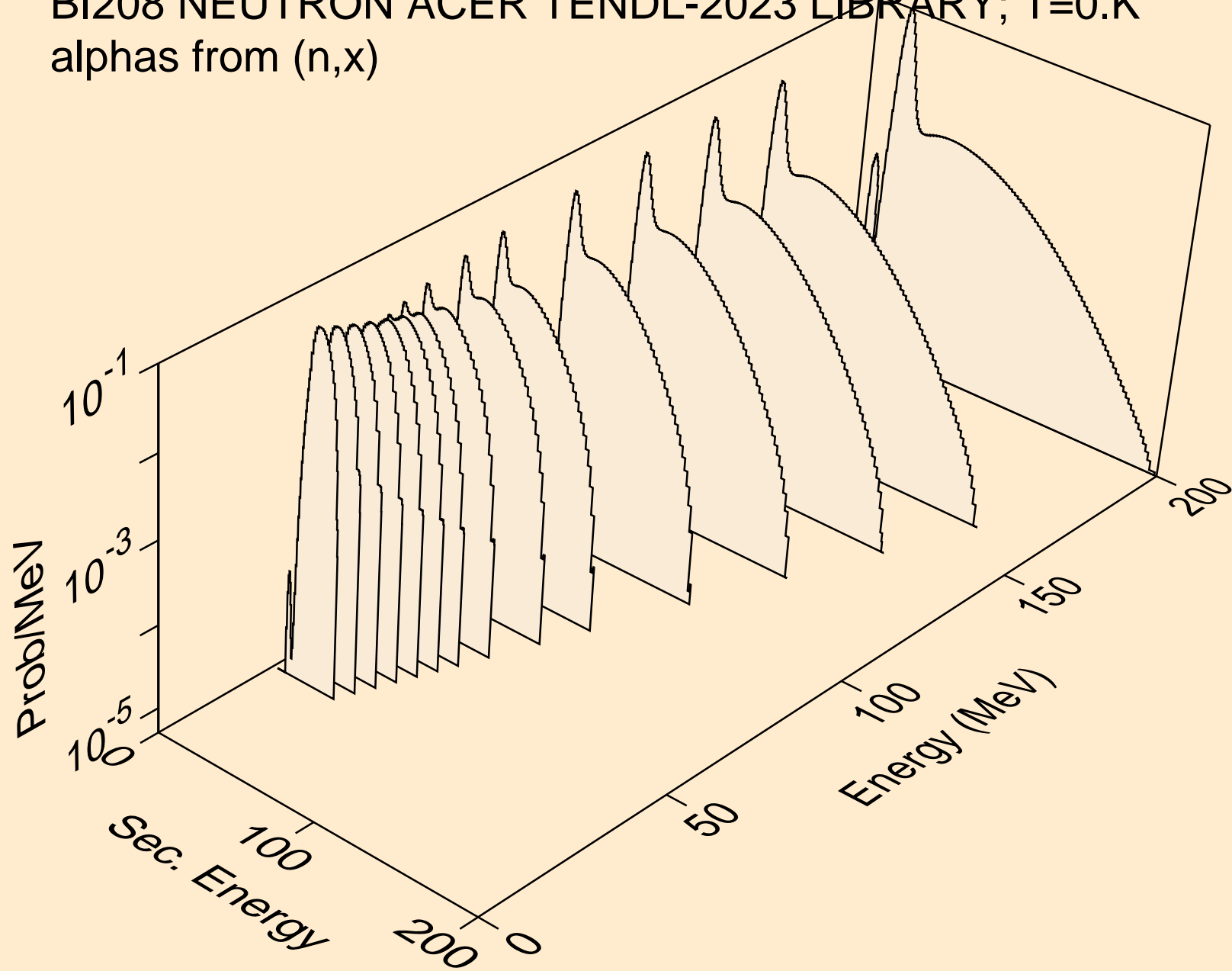
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

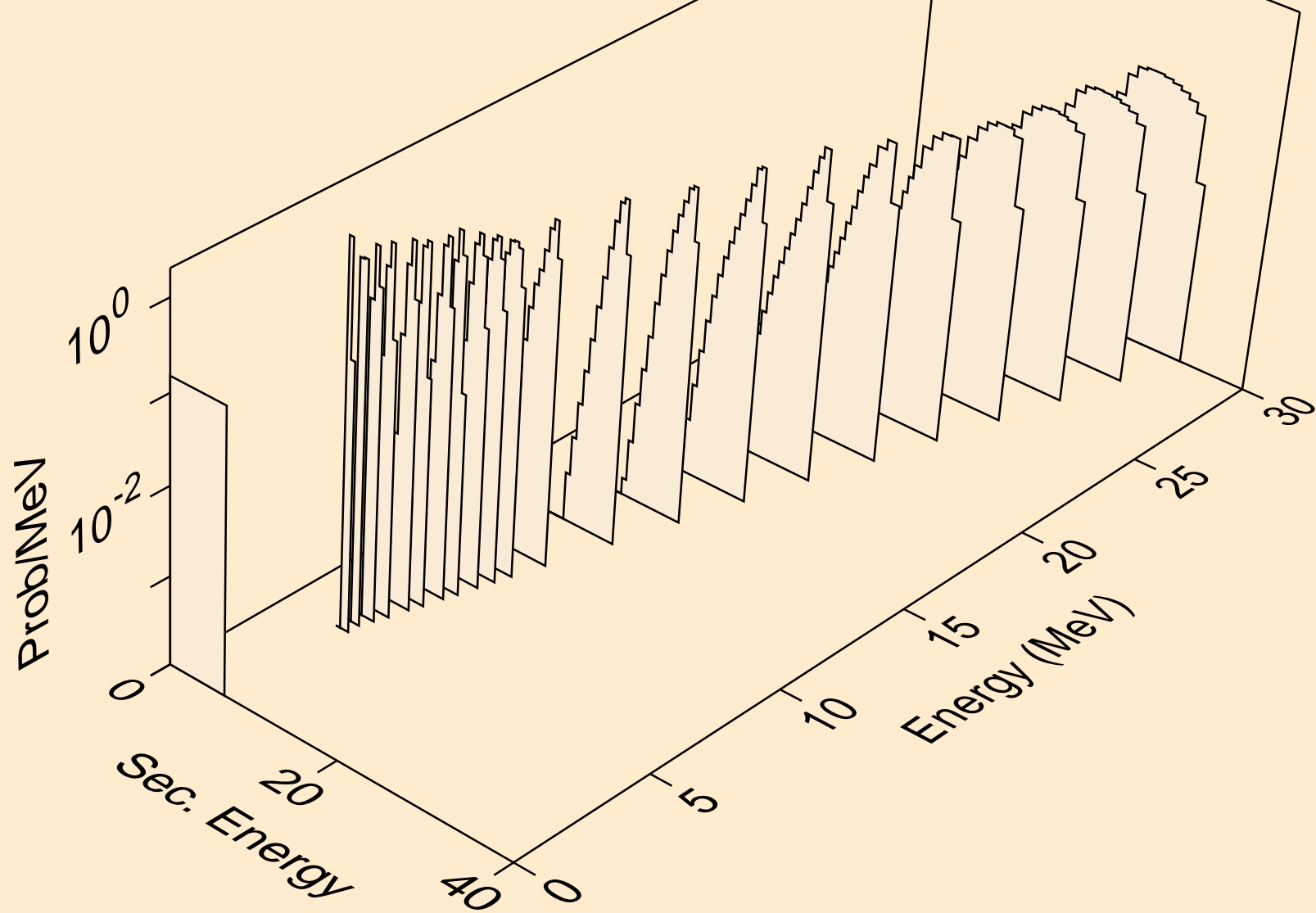


BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

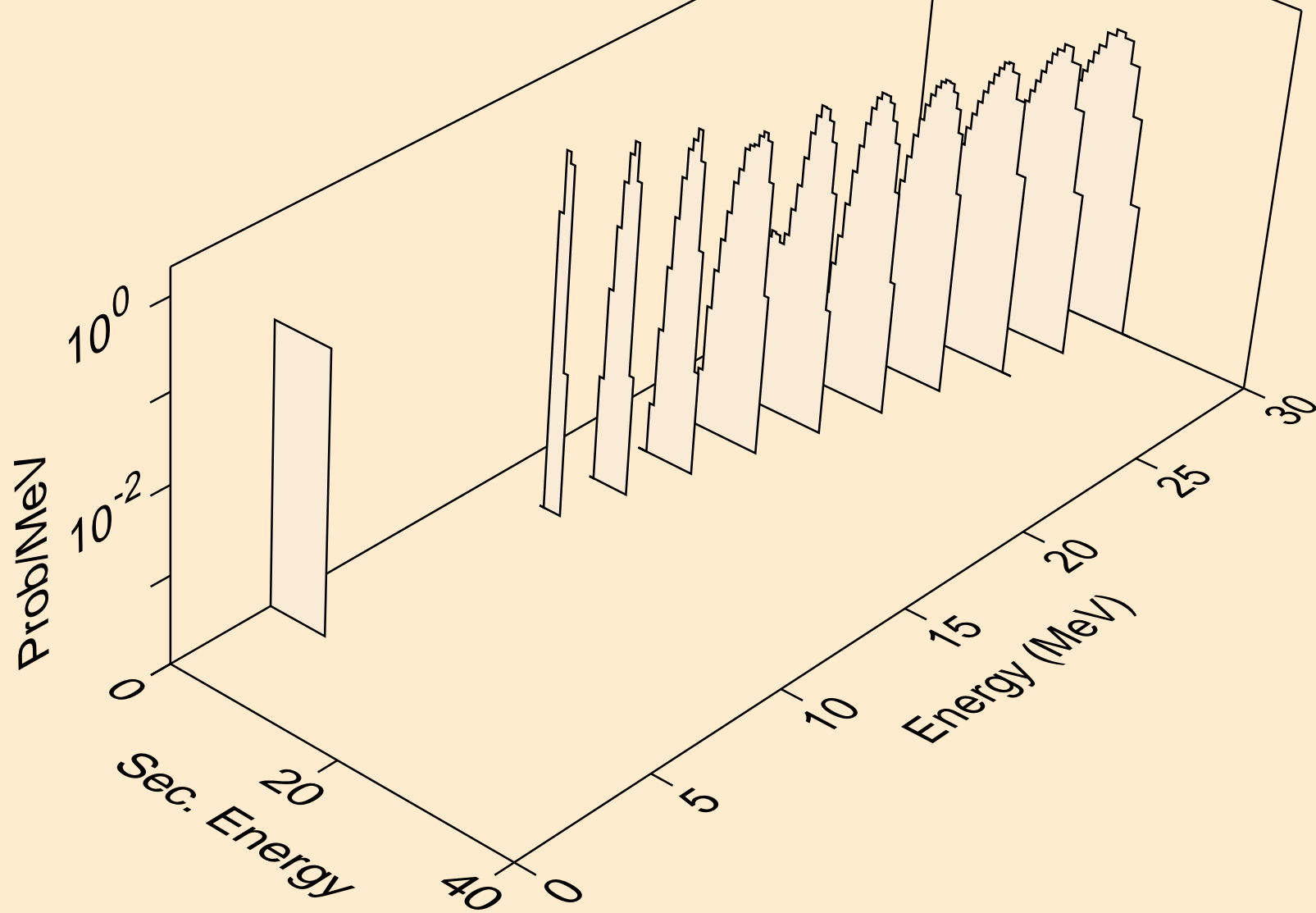




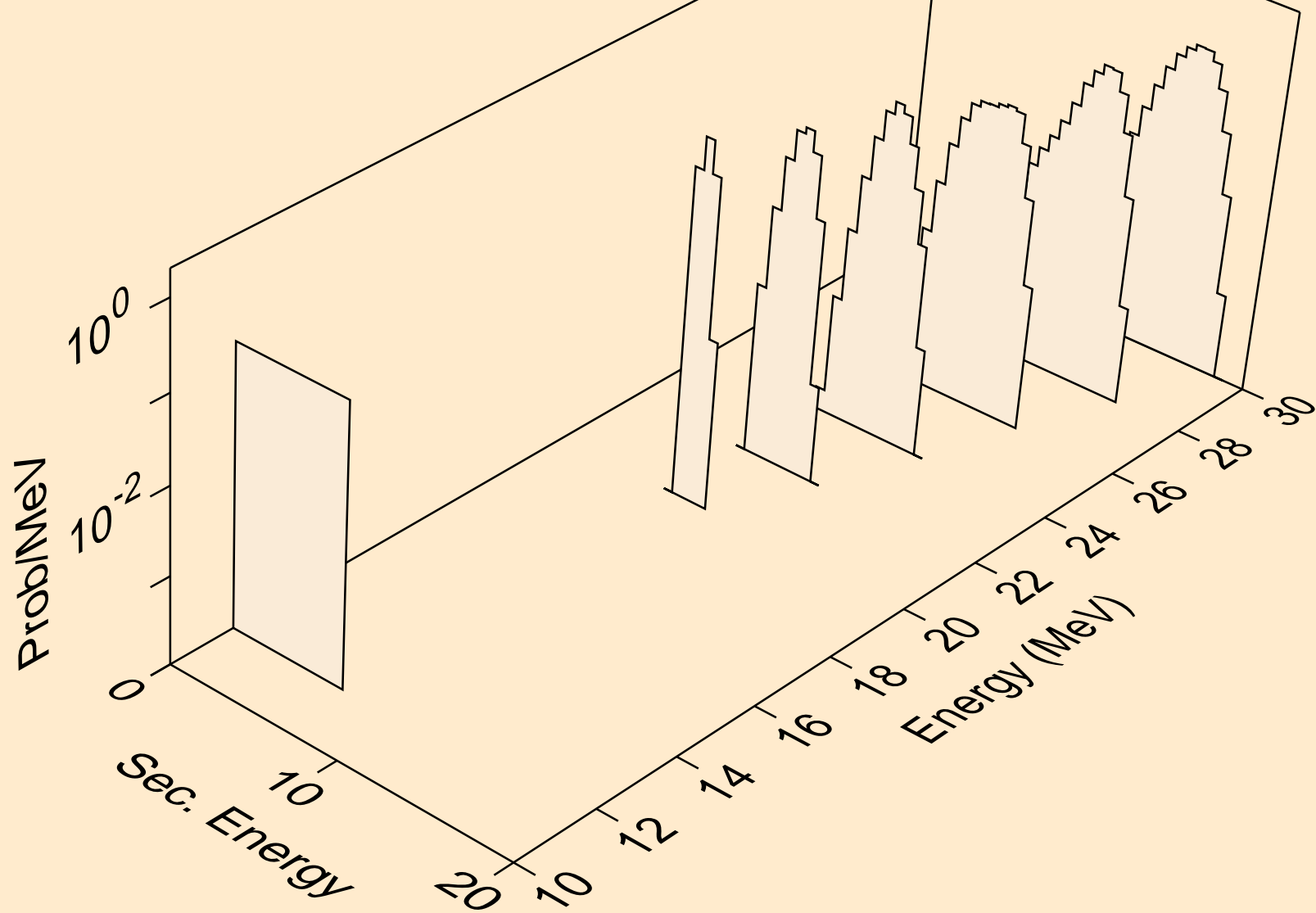
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alphas from (n,n\*)a



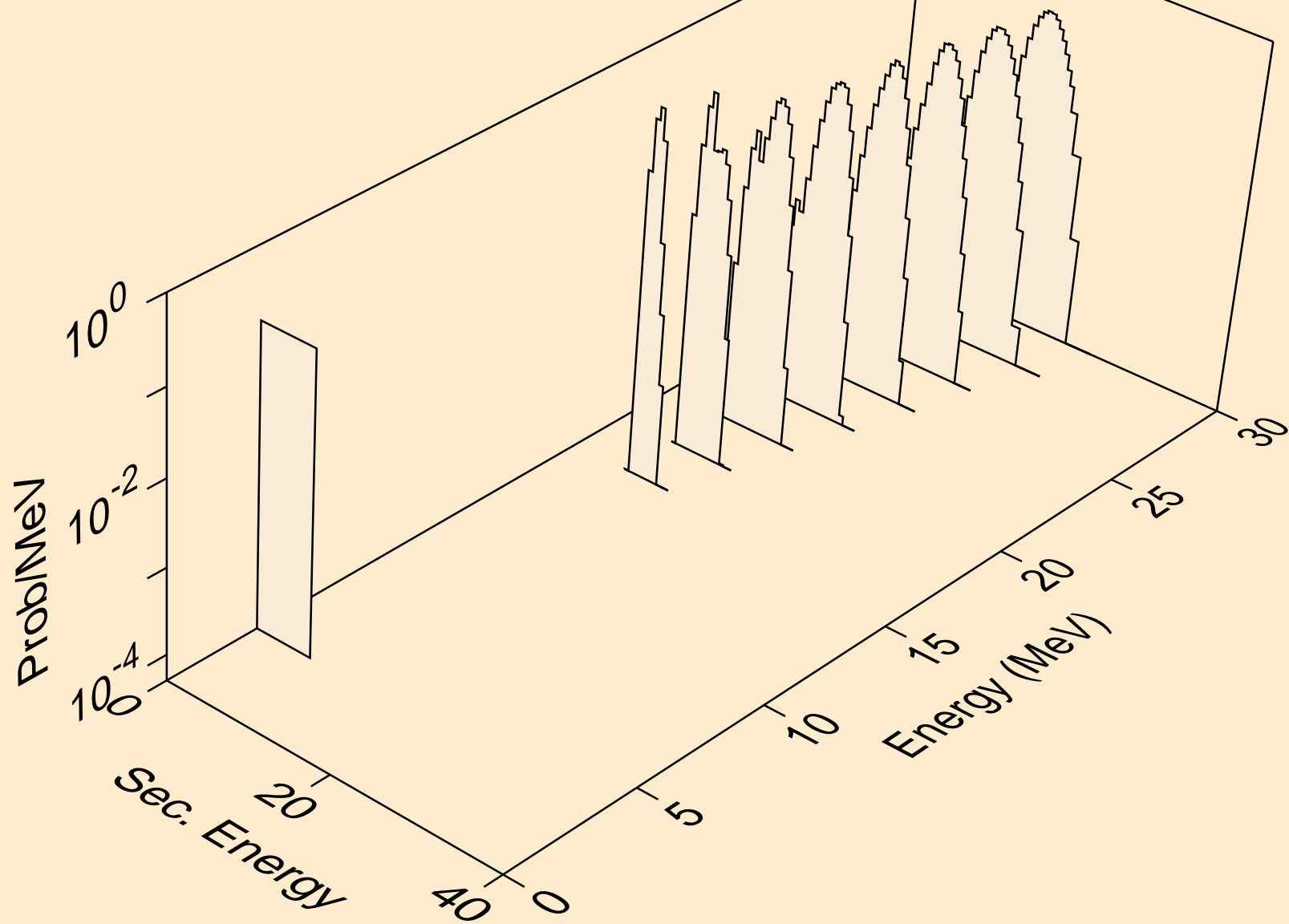
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alphas from (n,2n)a



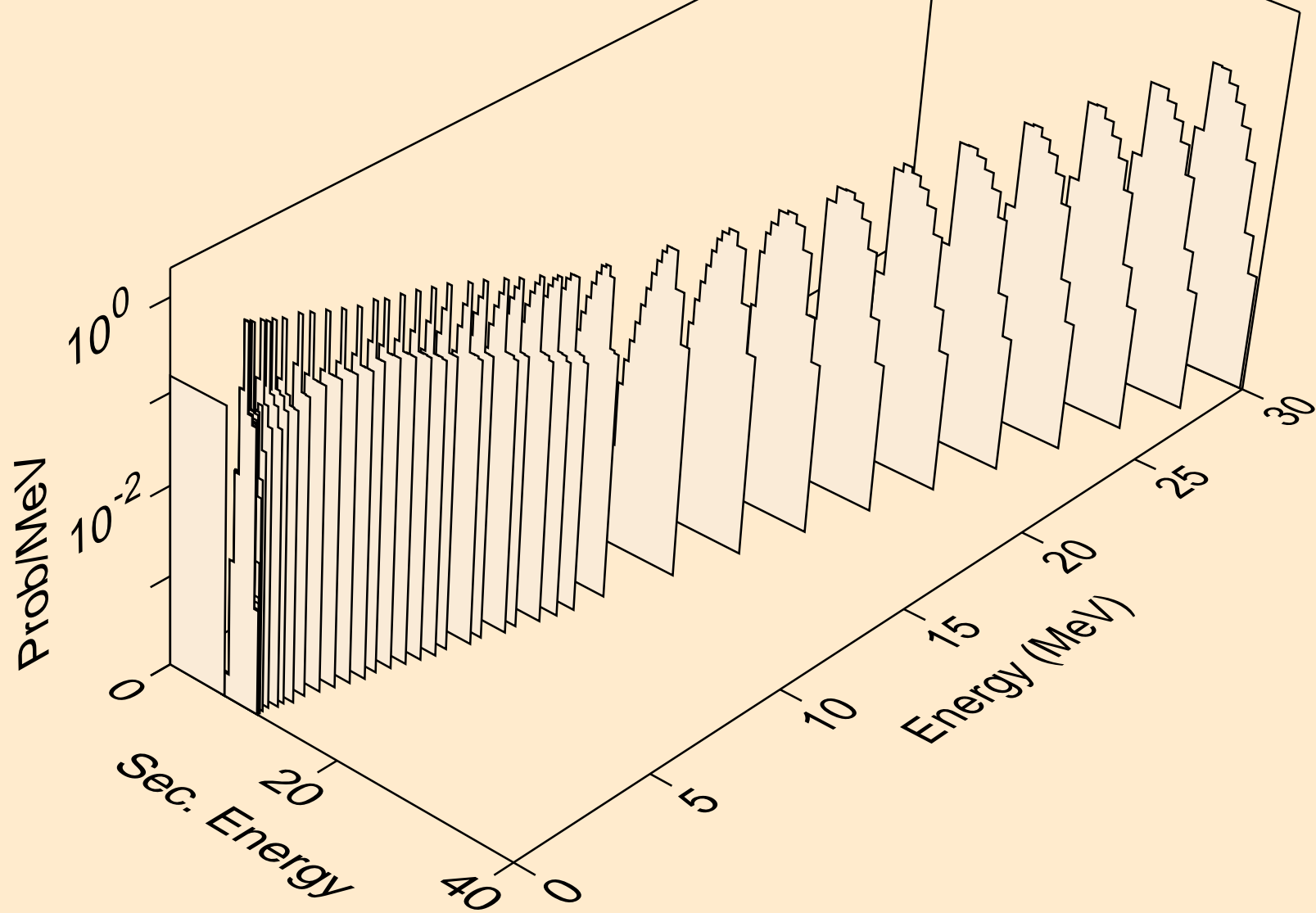
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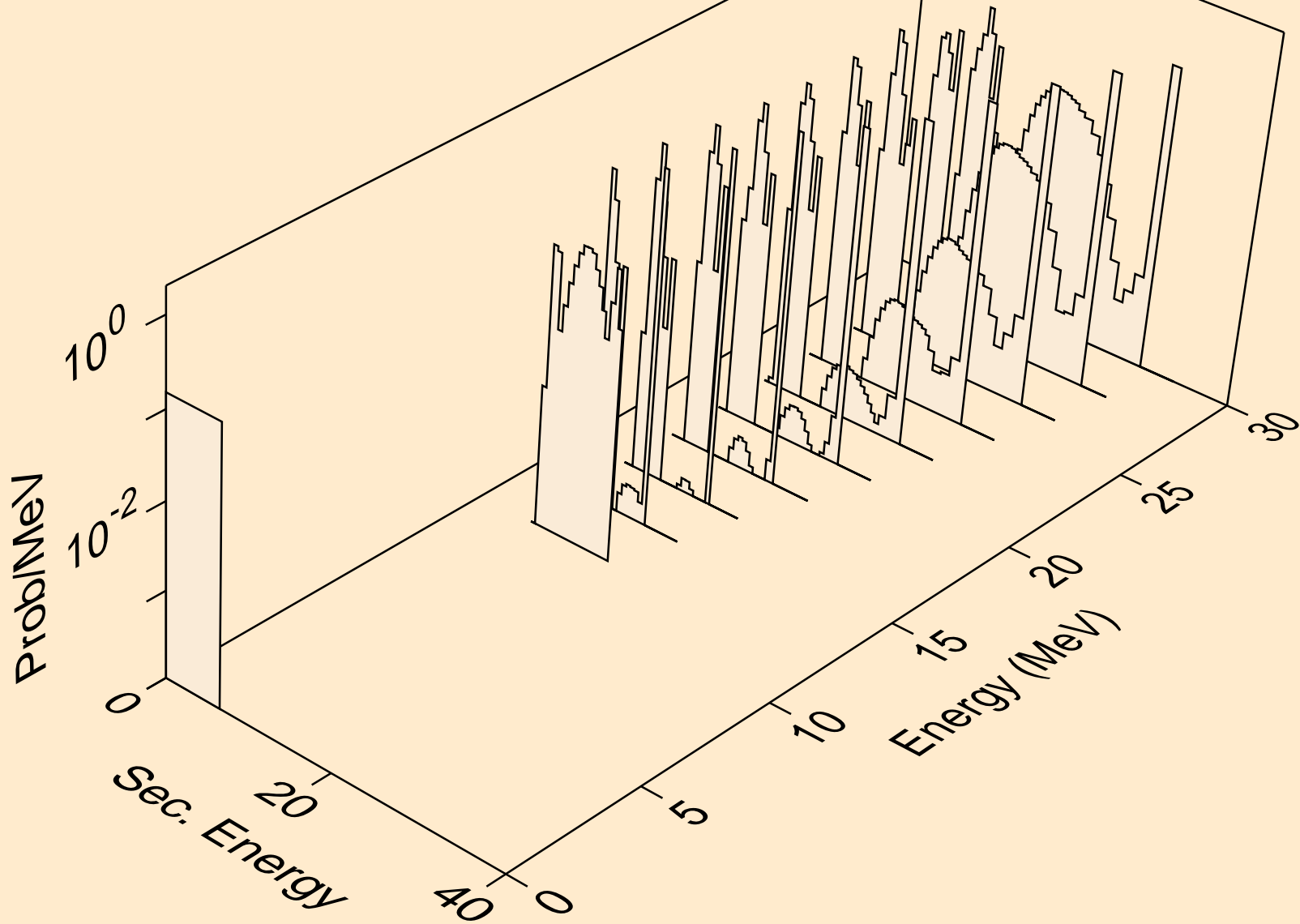
BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



BI208 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

