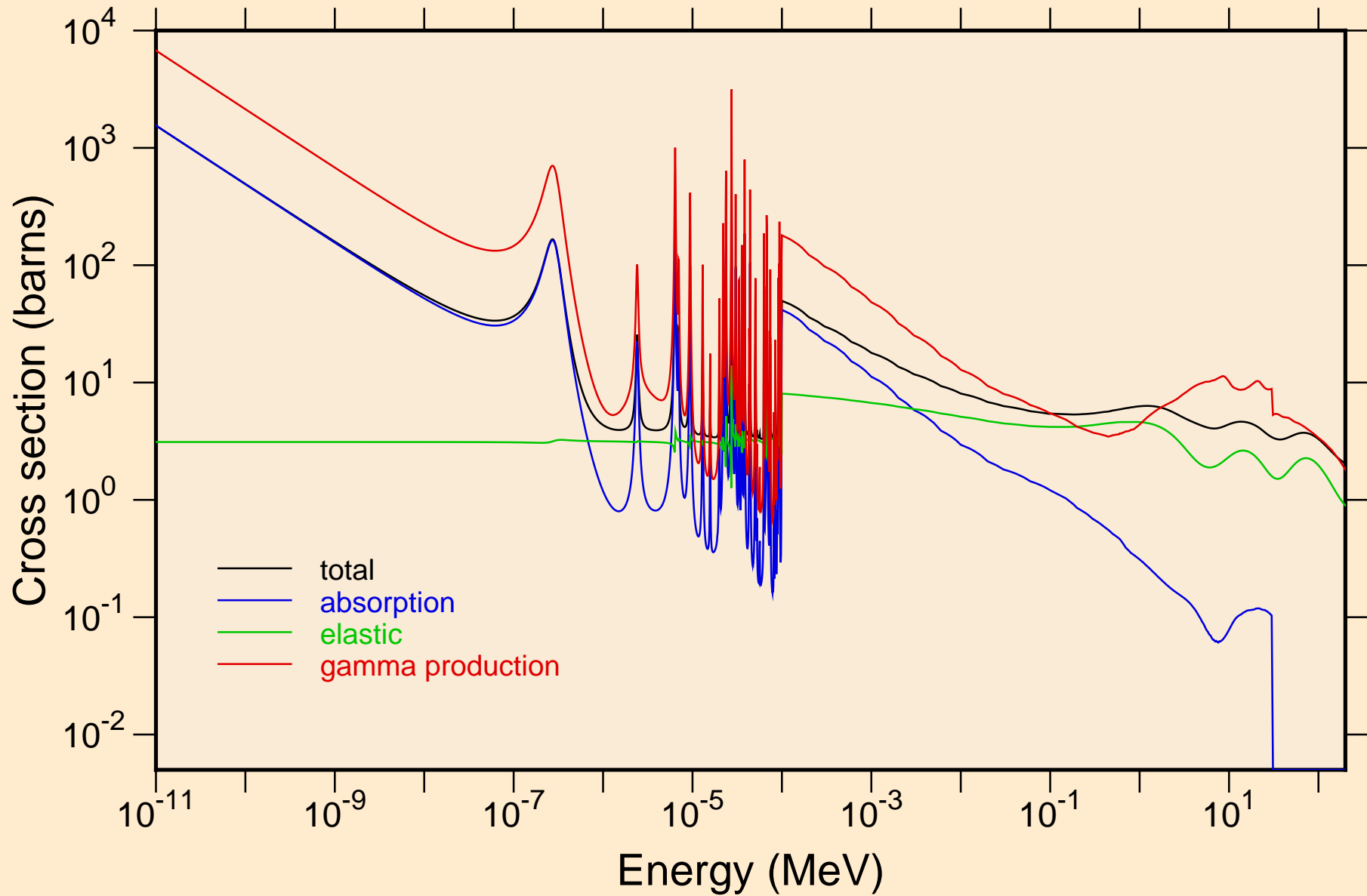
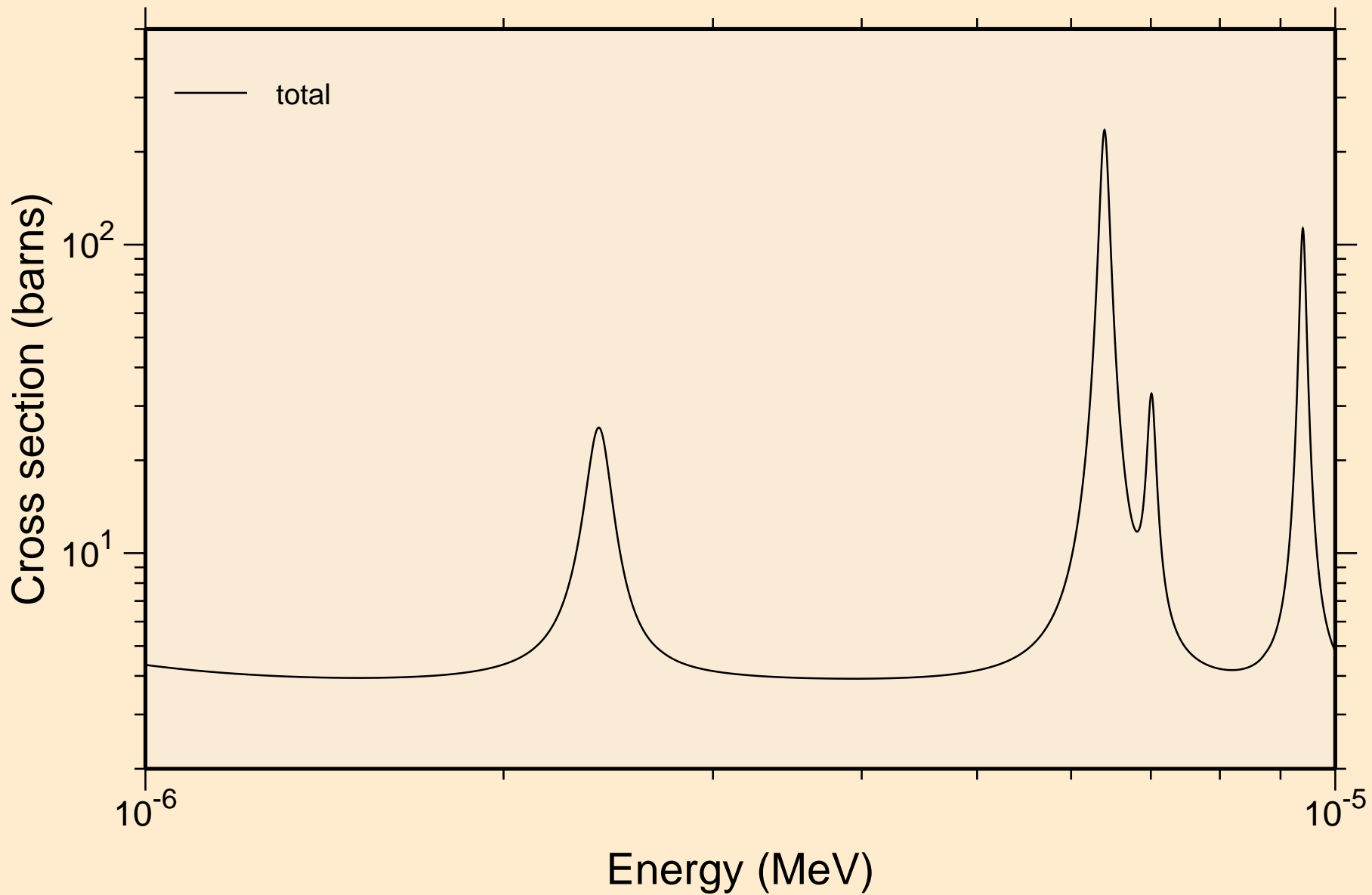


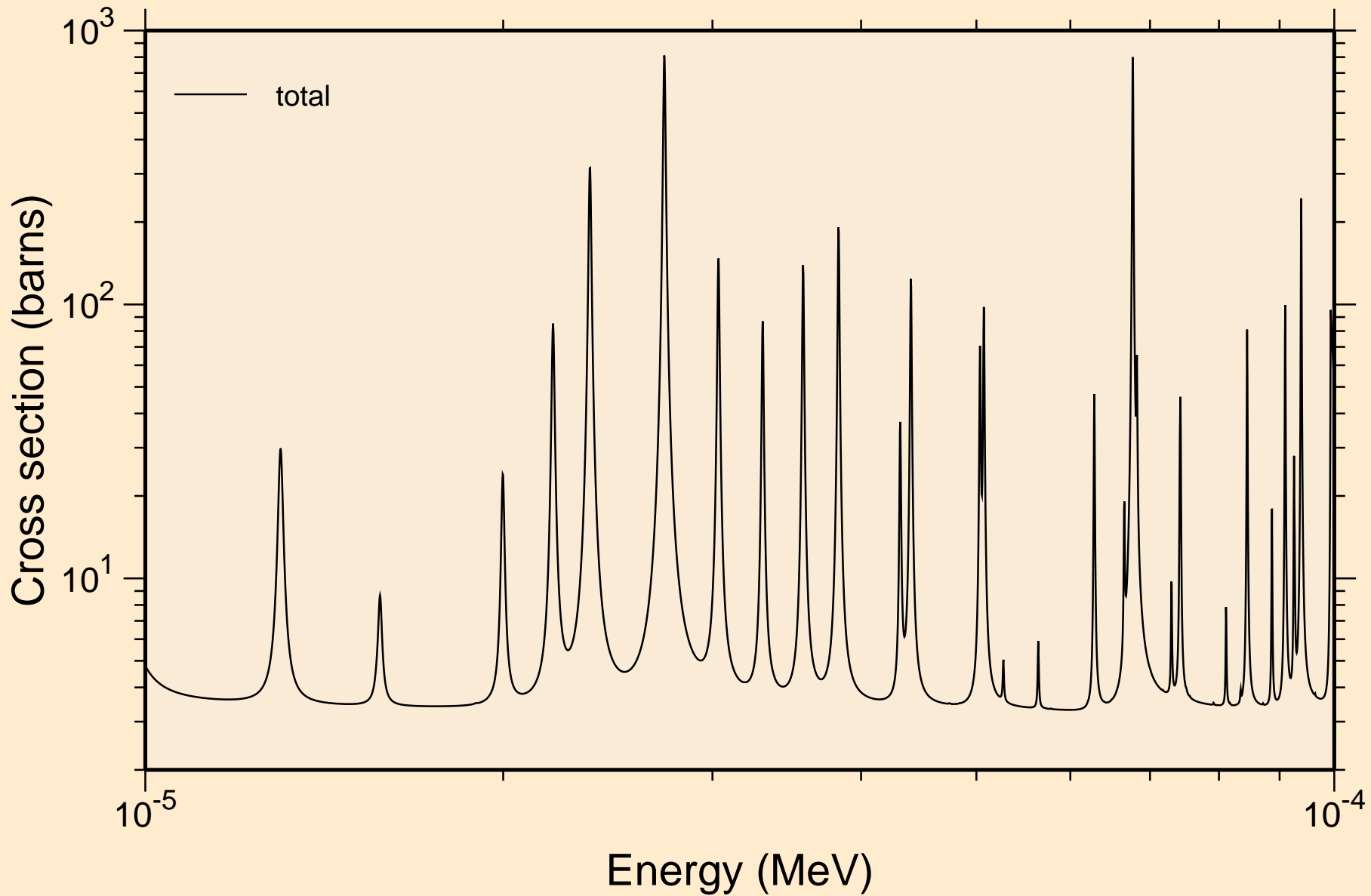
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



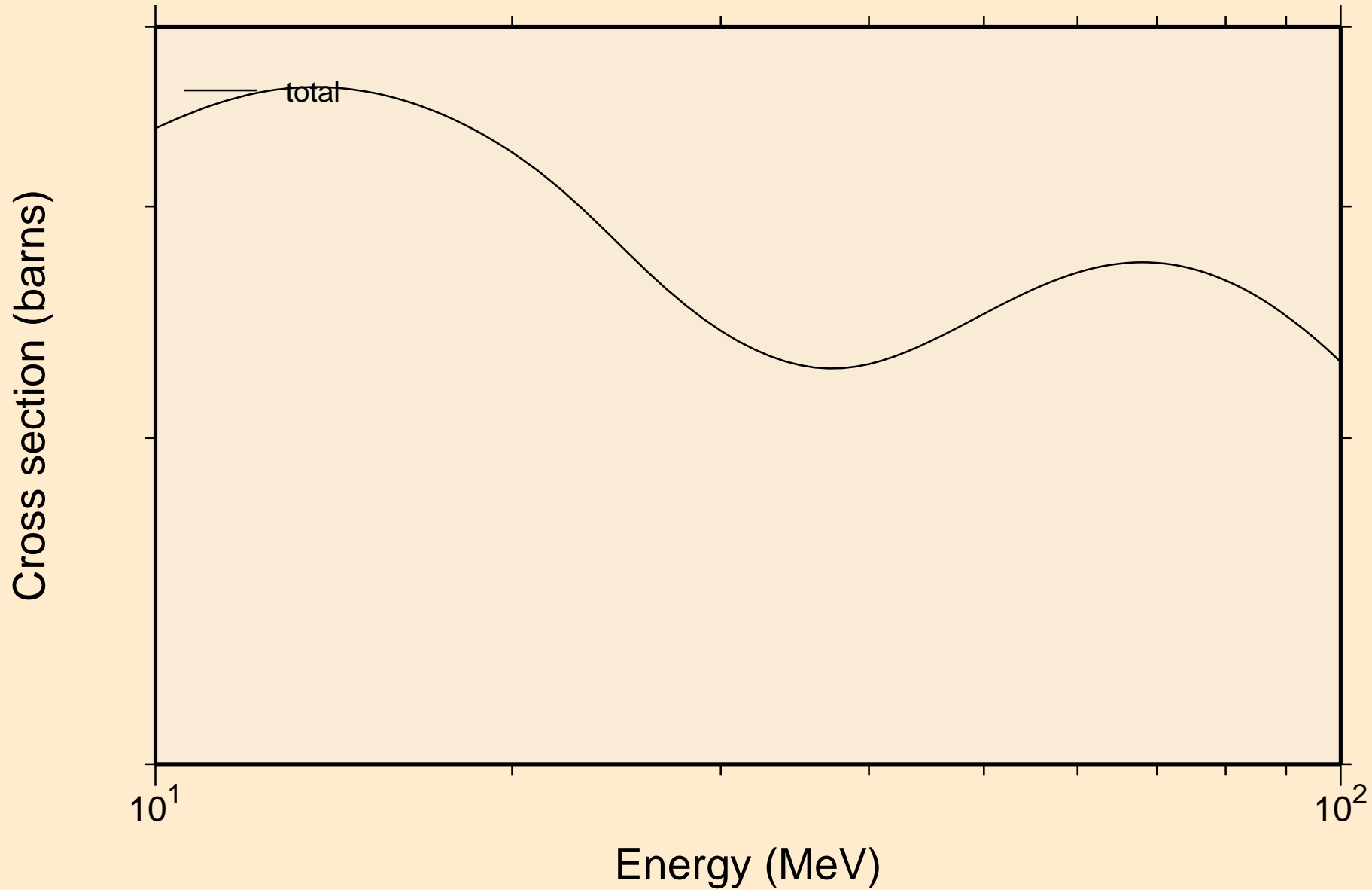
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



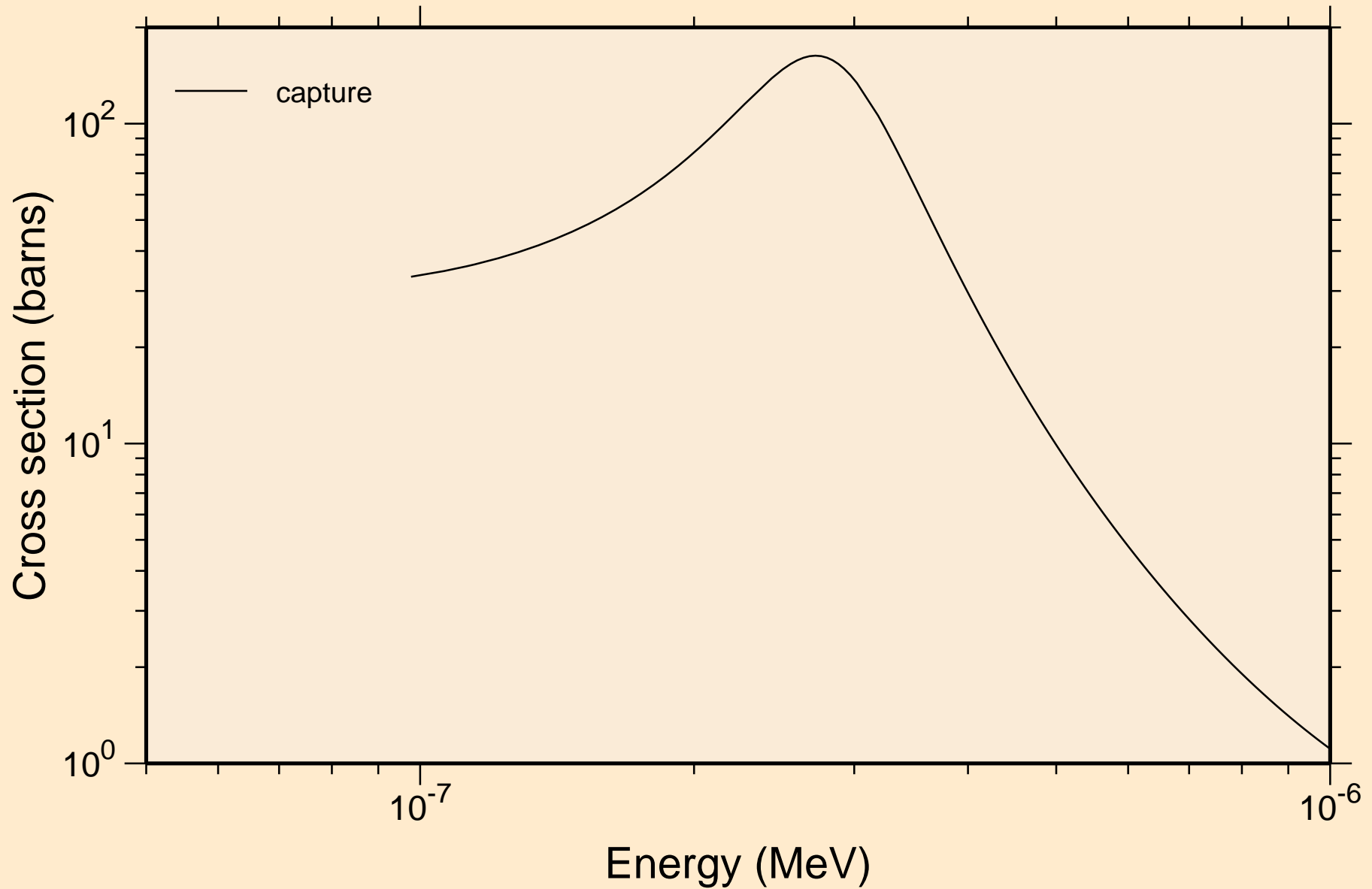
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



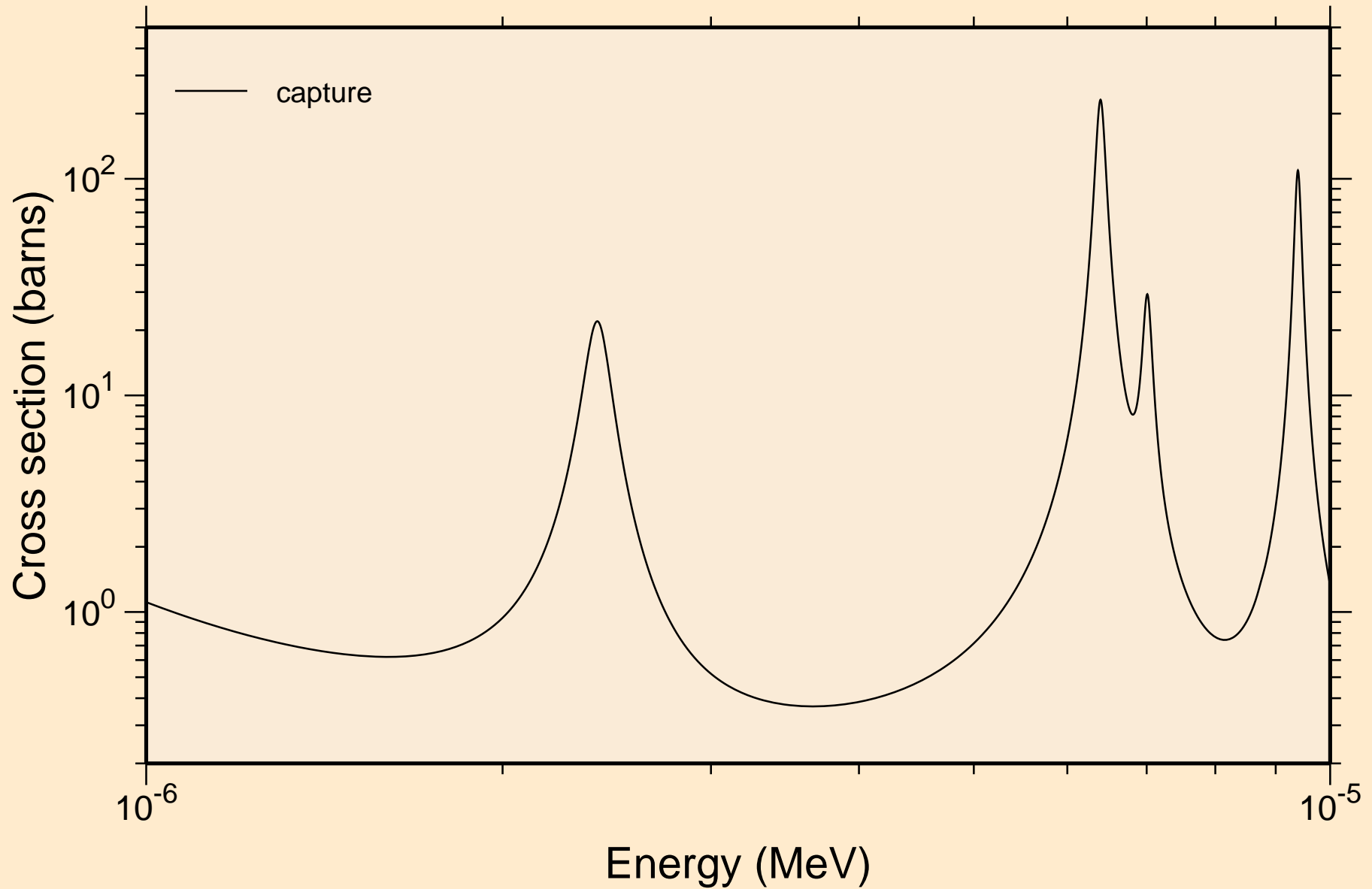
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resonance total cross section



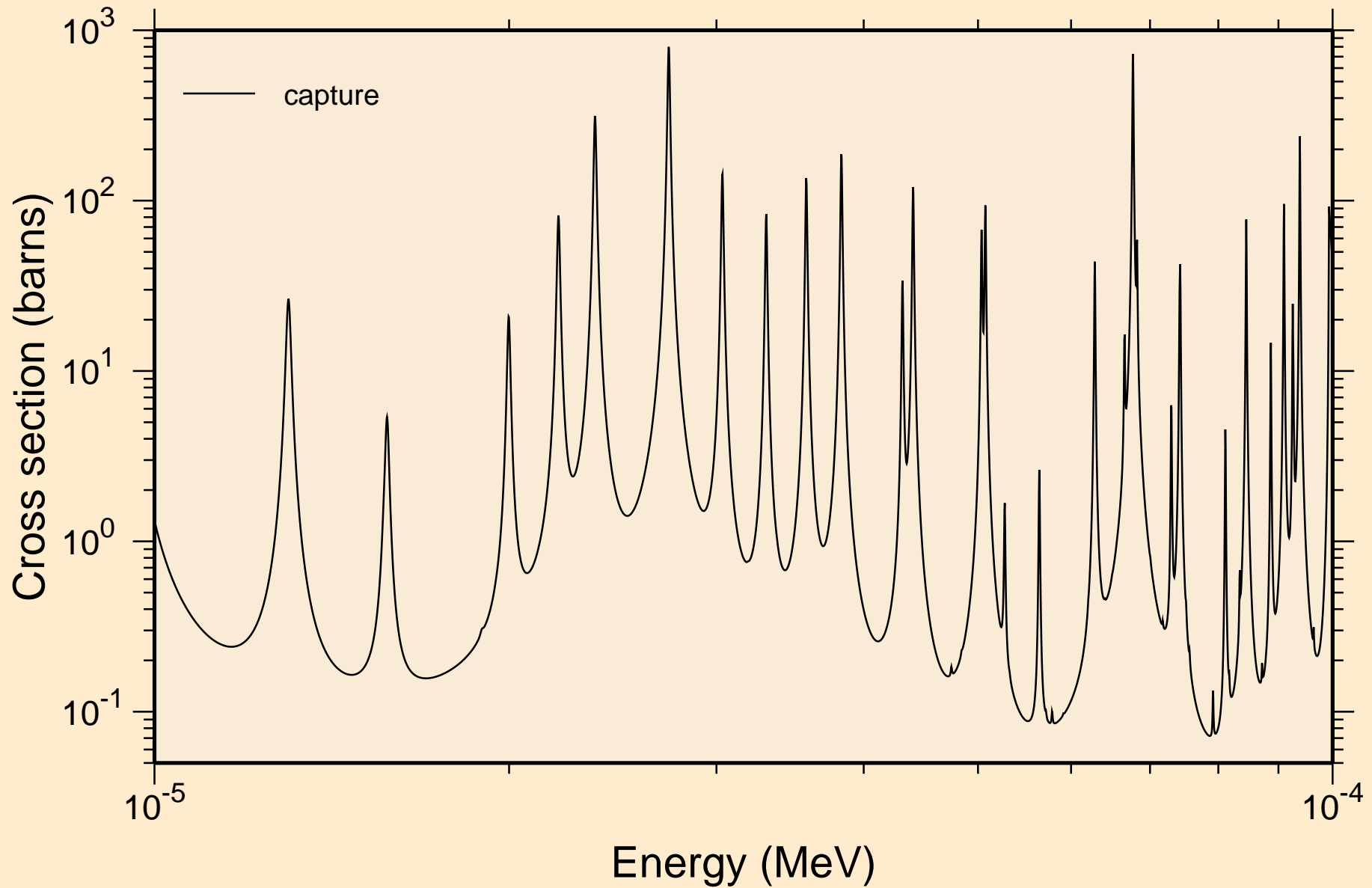
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



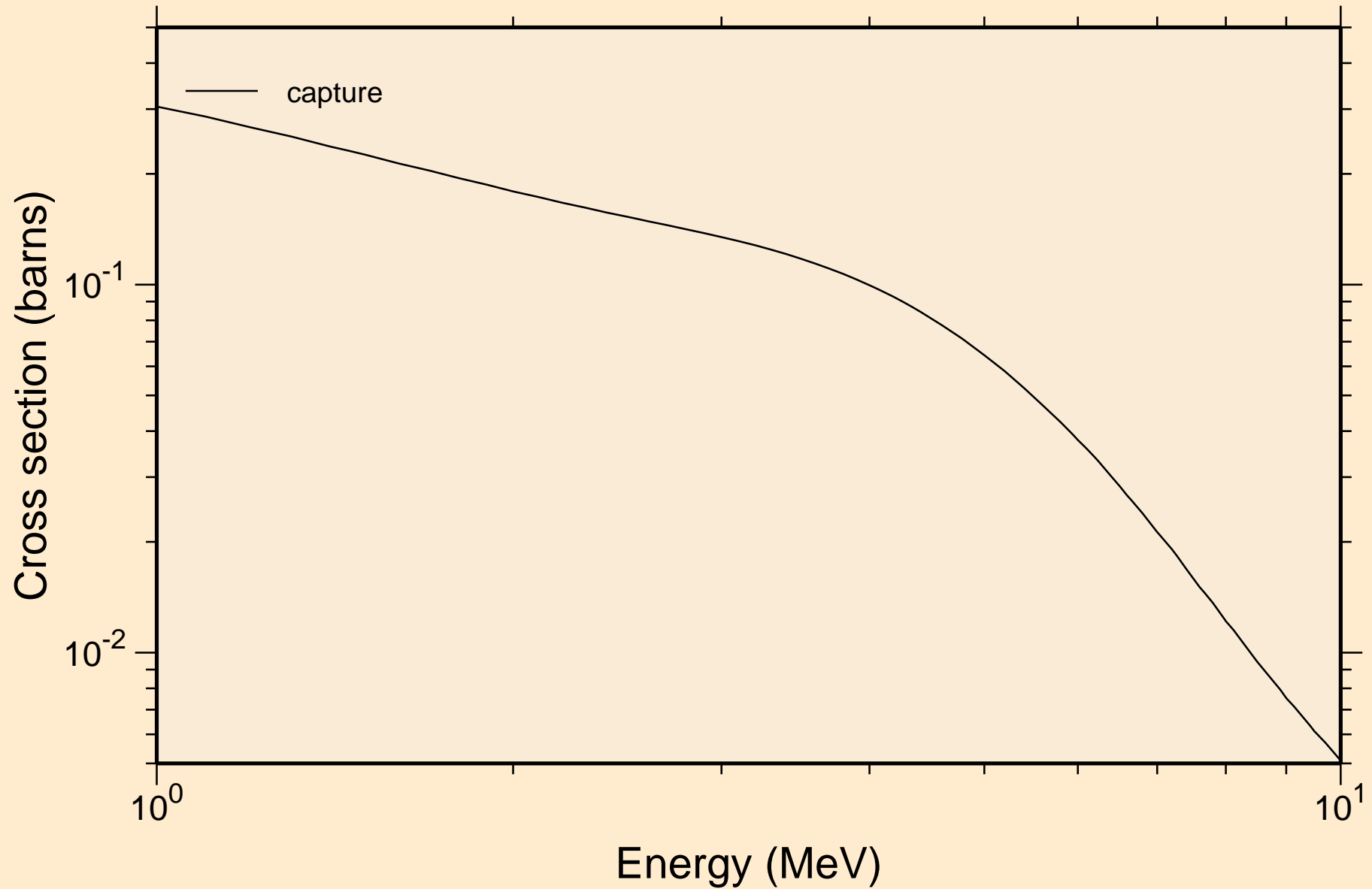
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

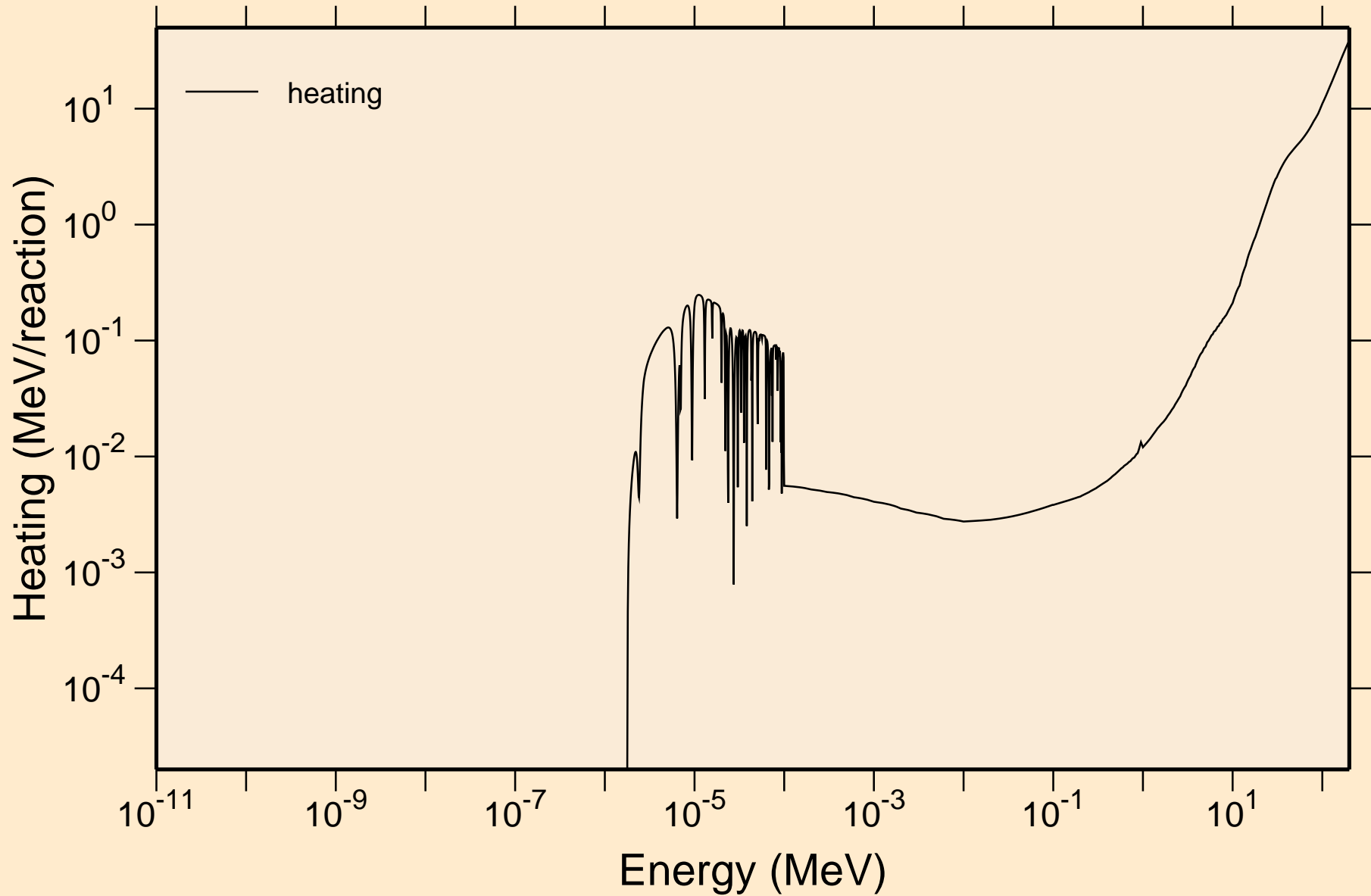


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



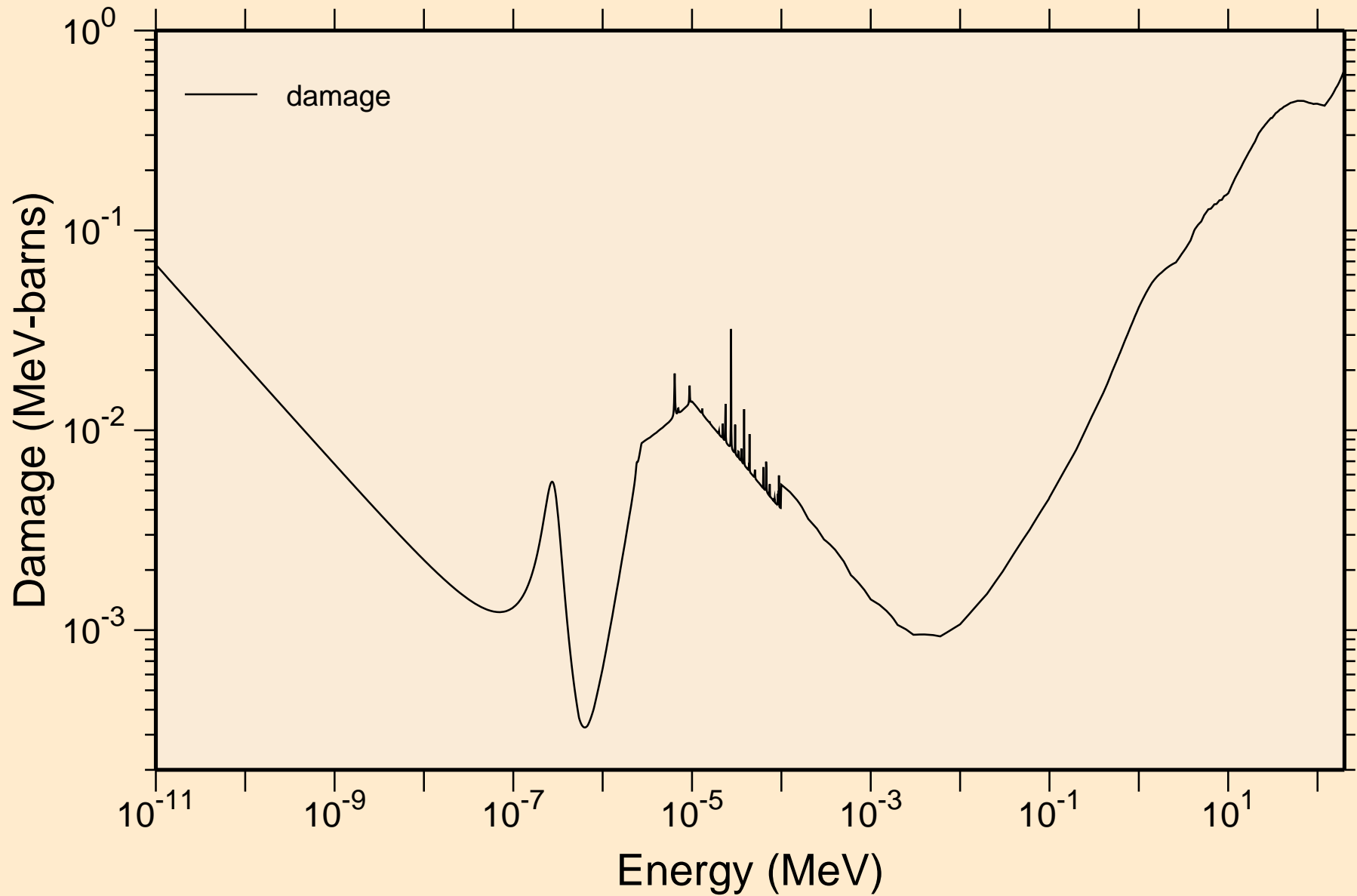


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



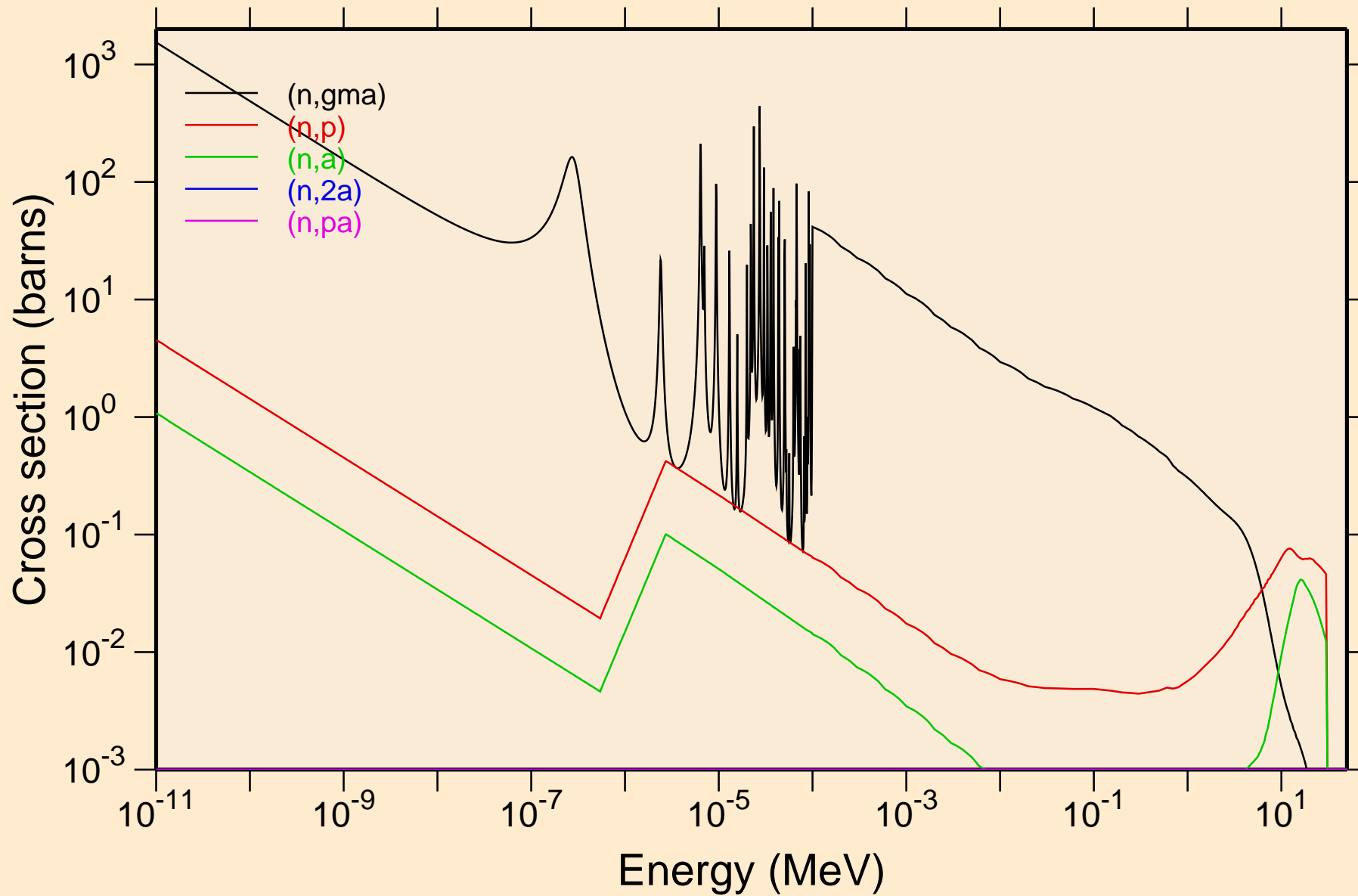
# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

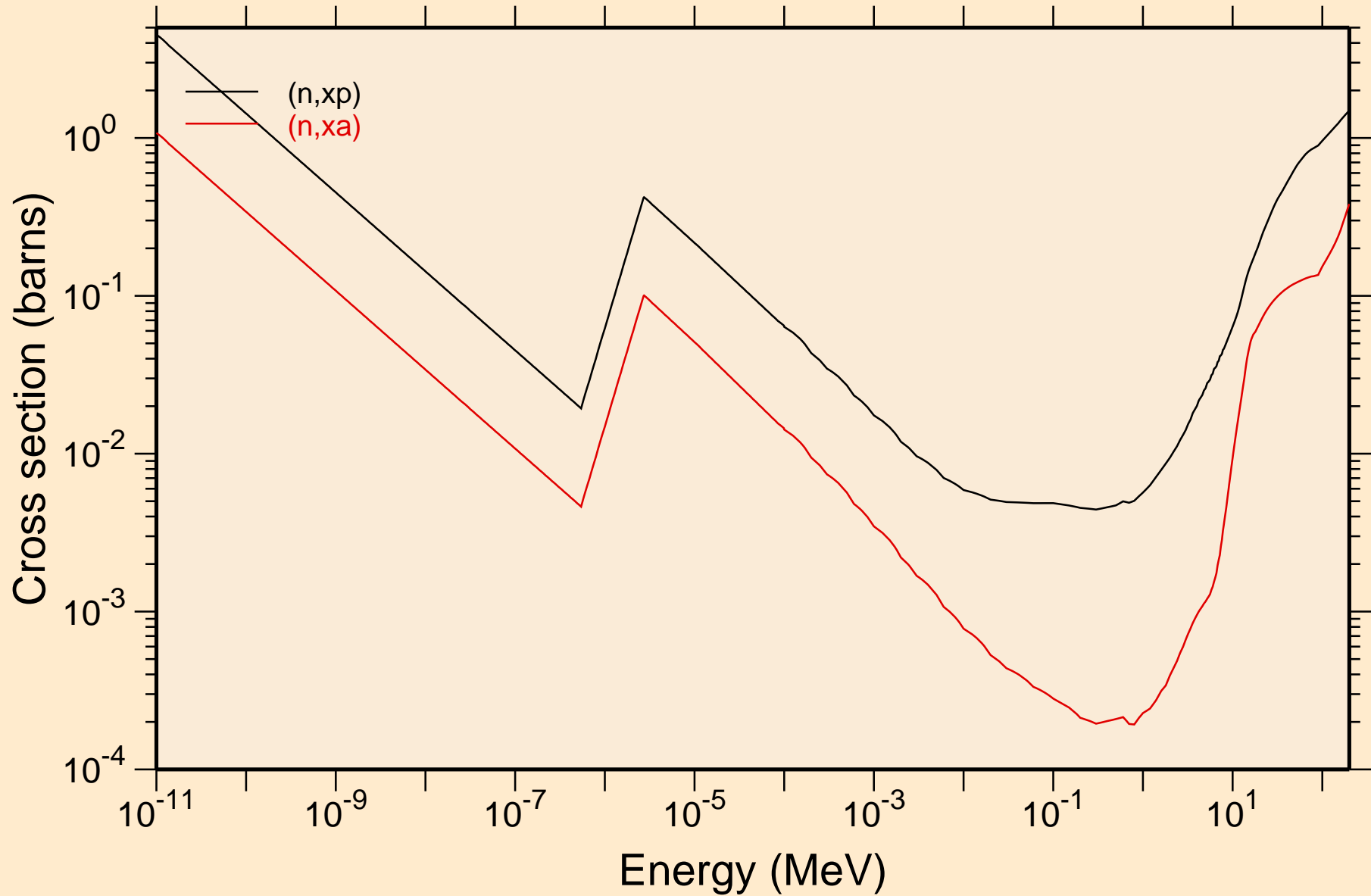


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

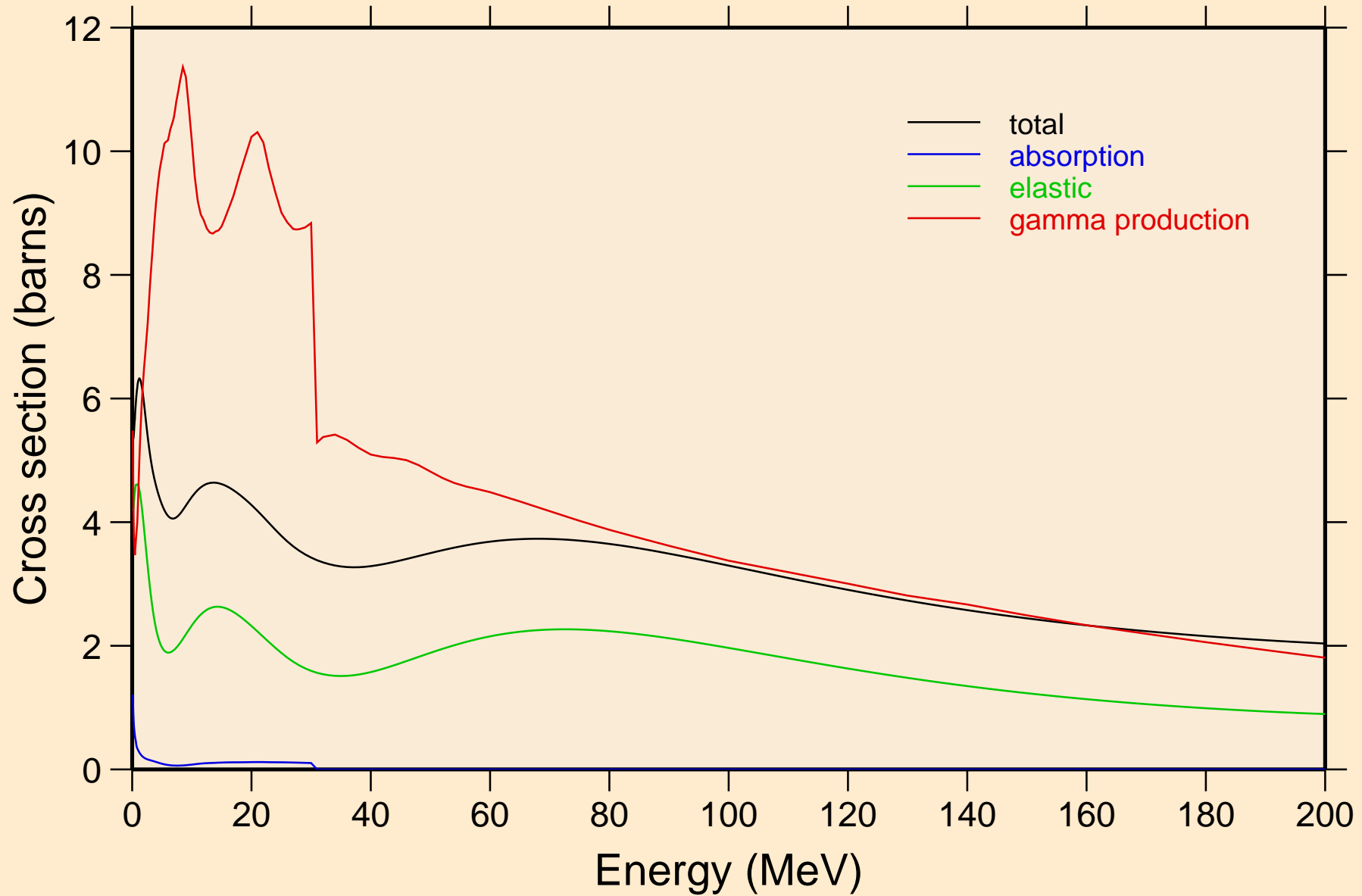


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



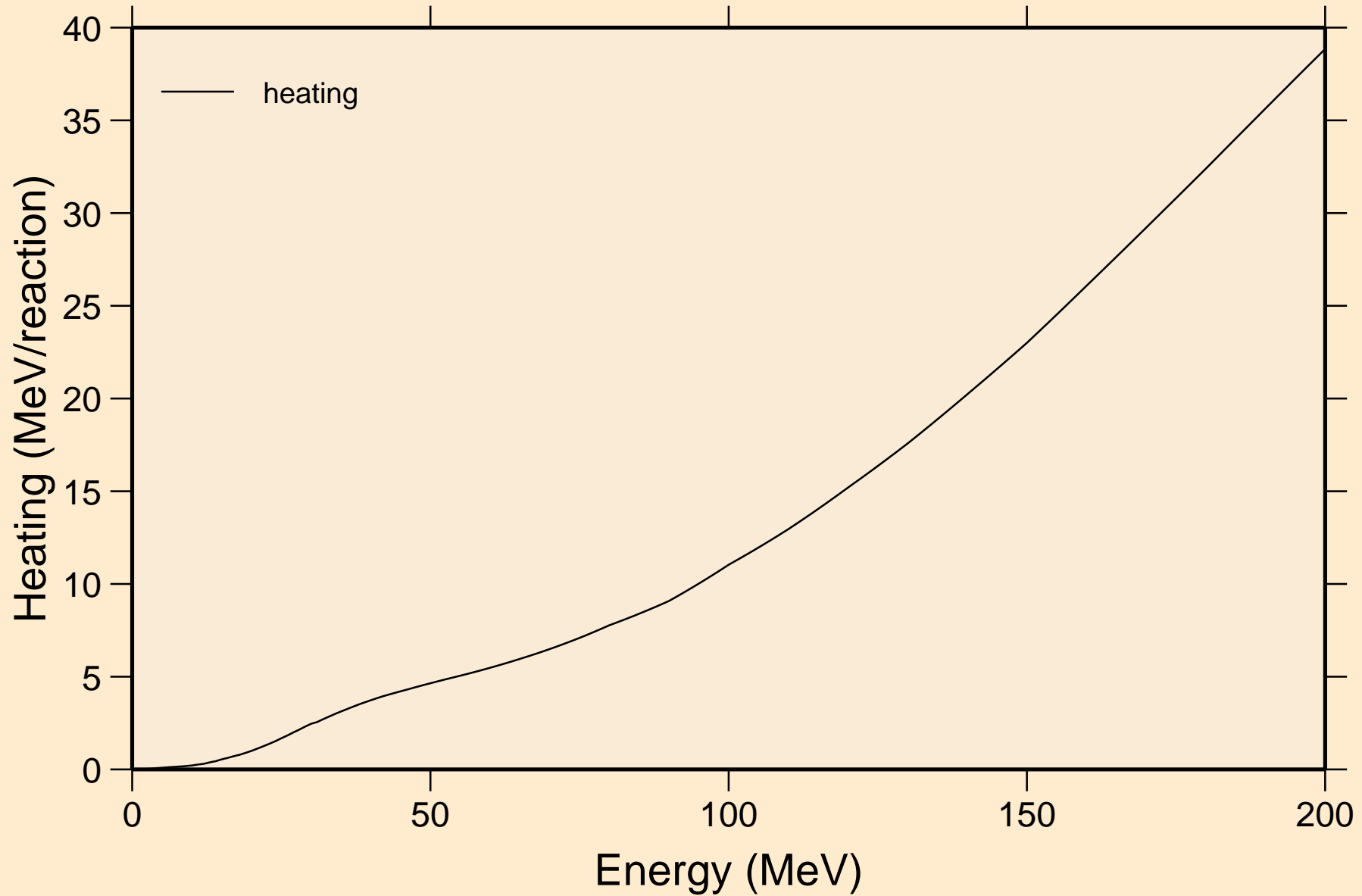
# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

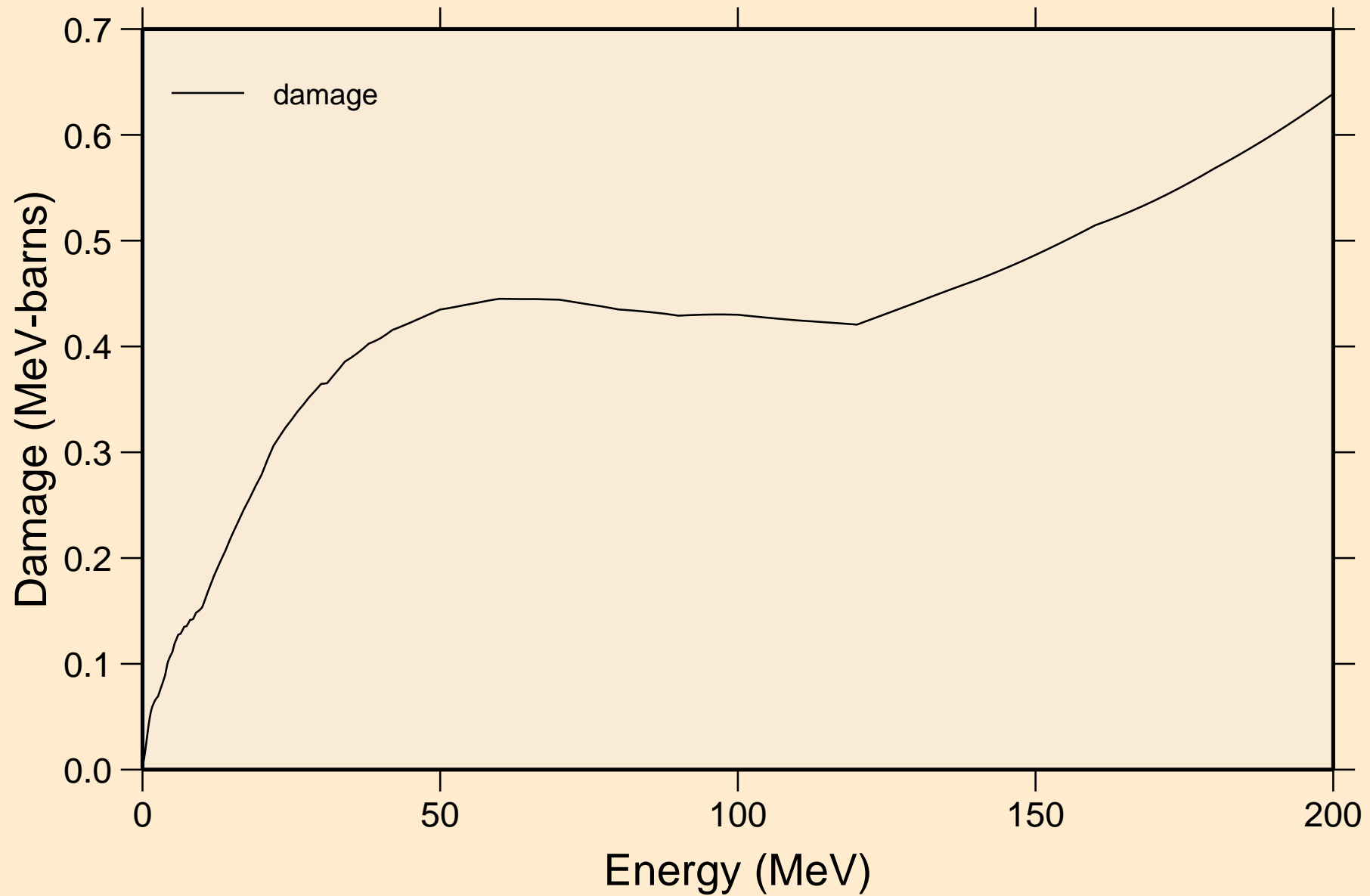


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

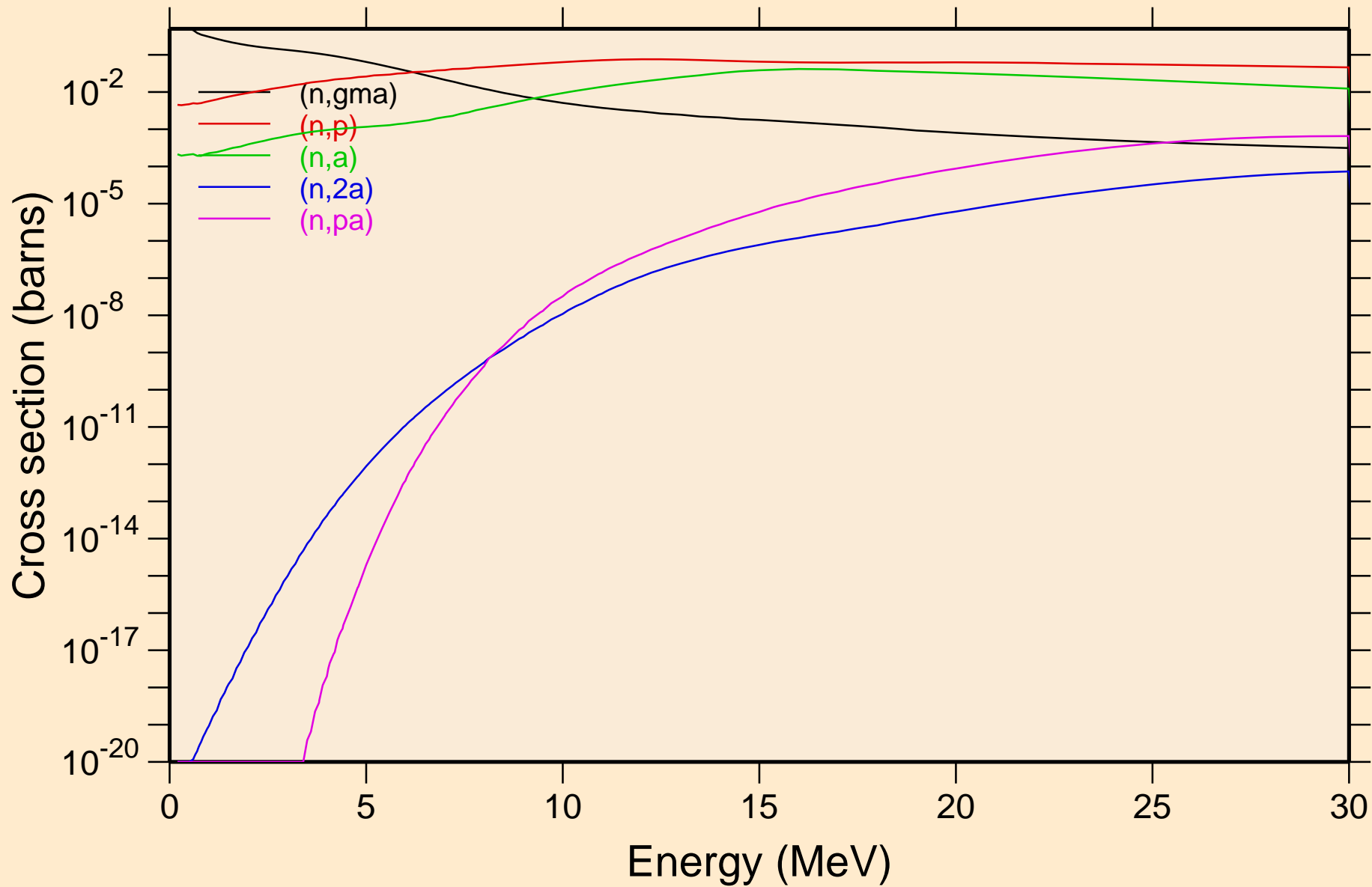
## Heating



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

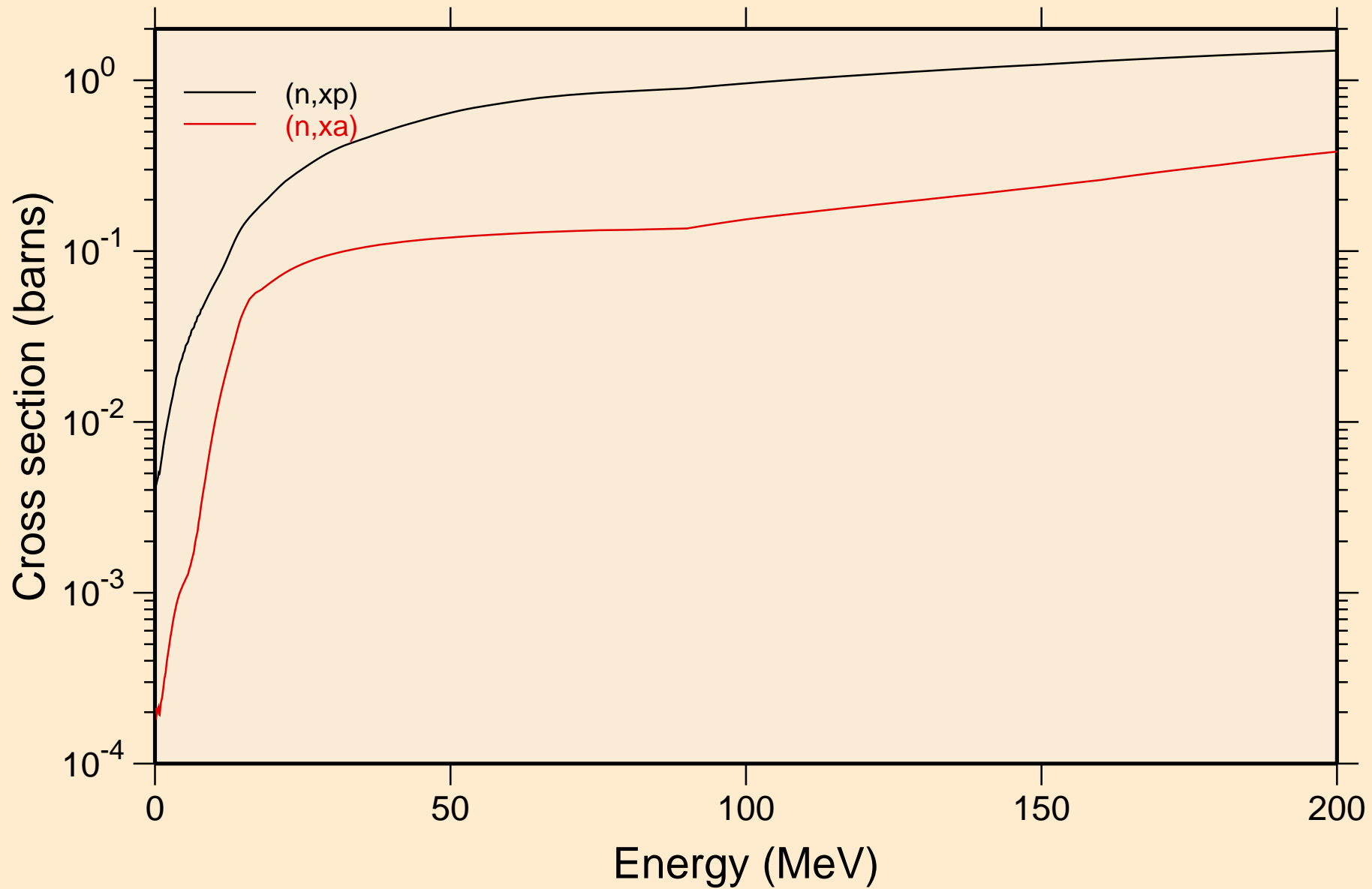


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



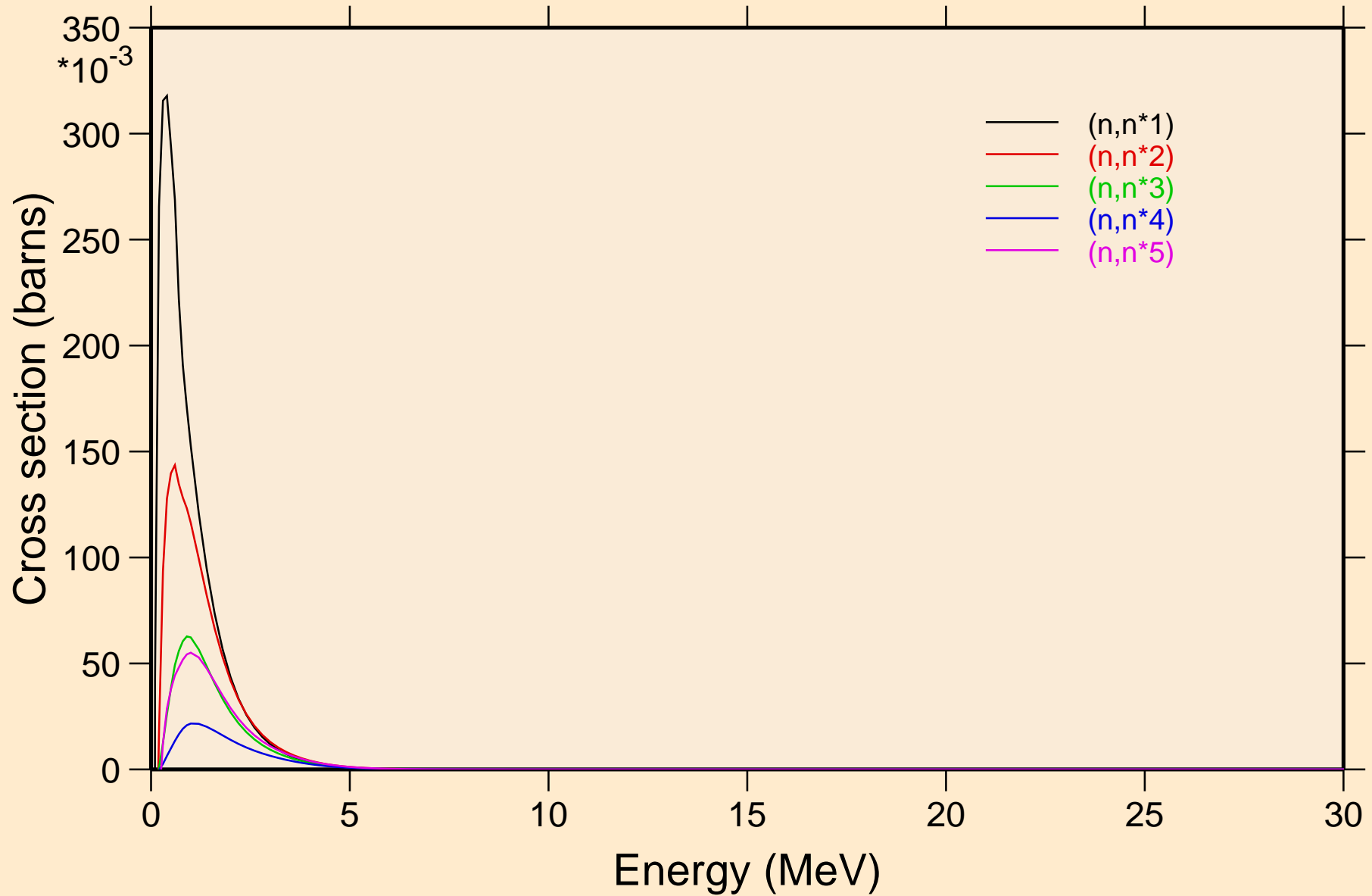


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



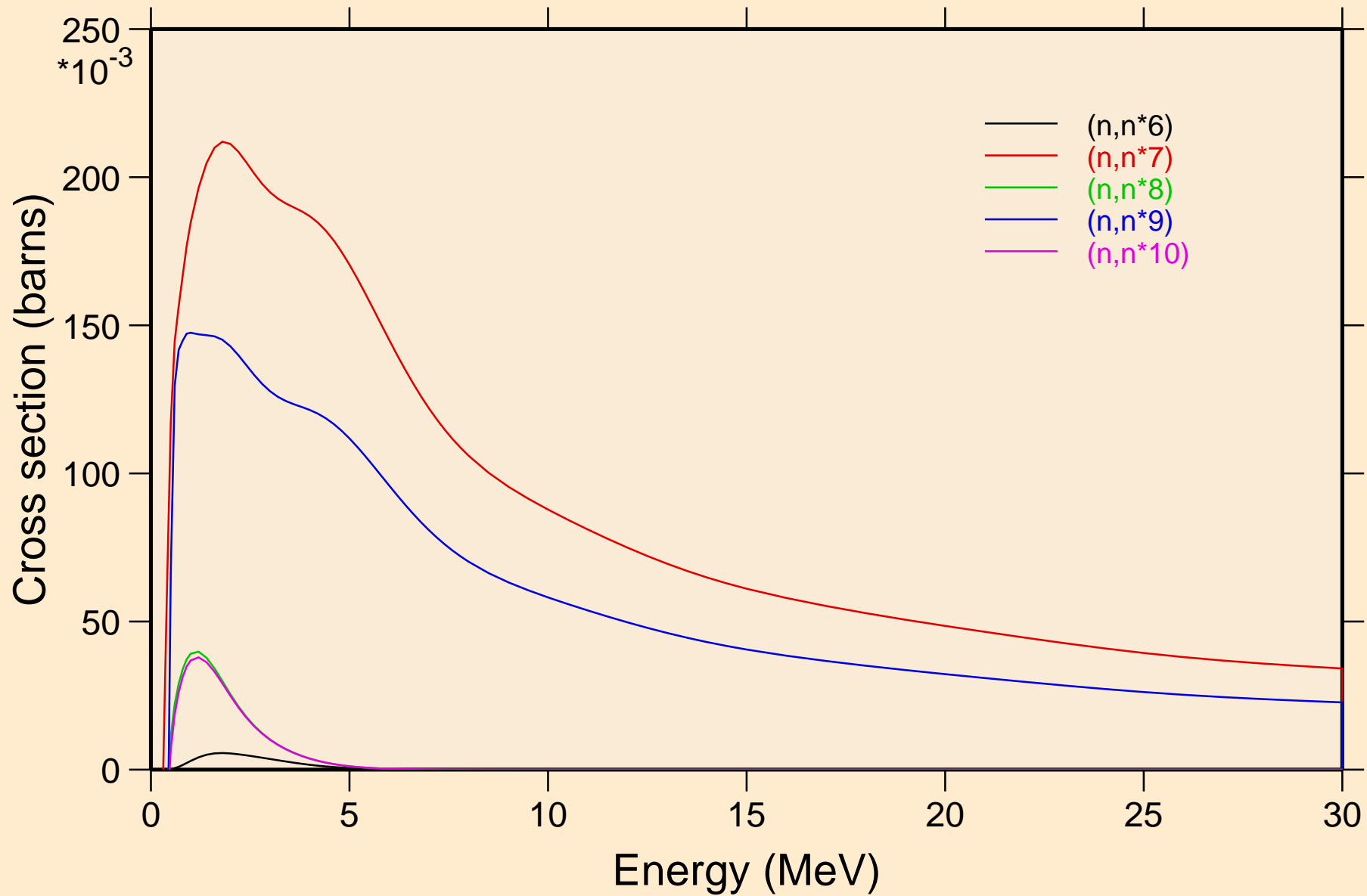
# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

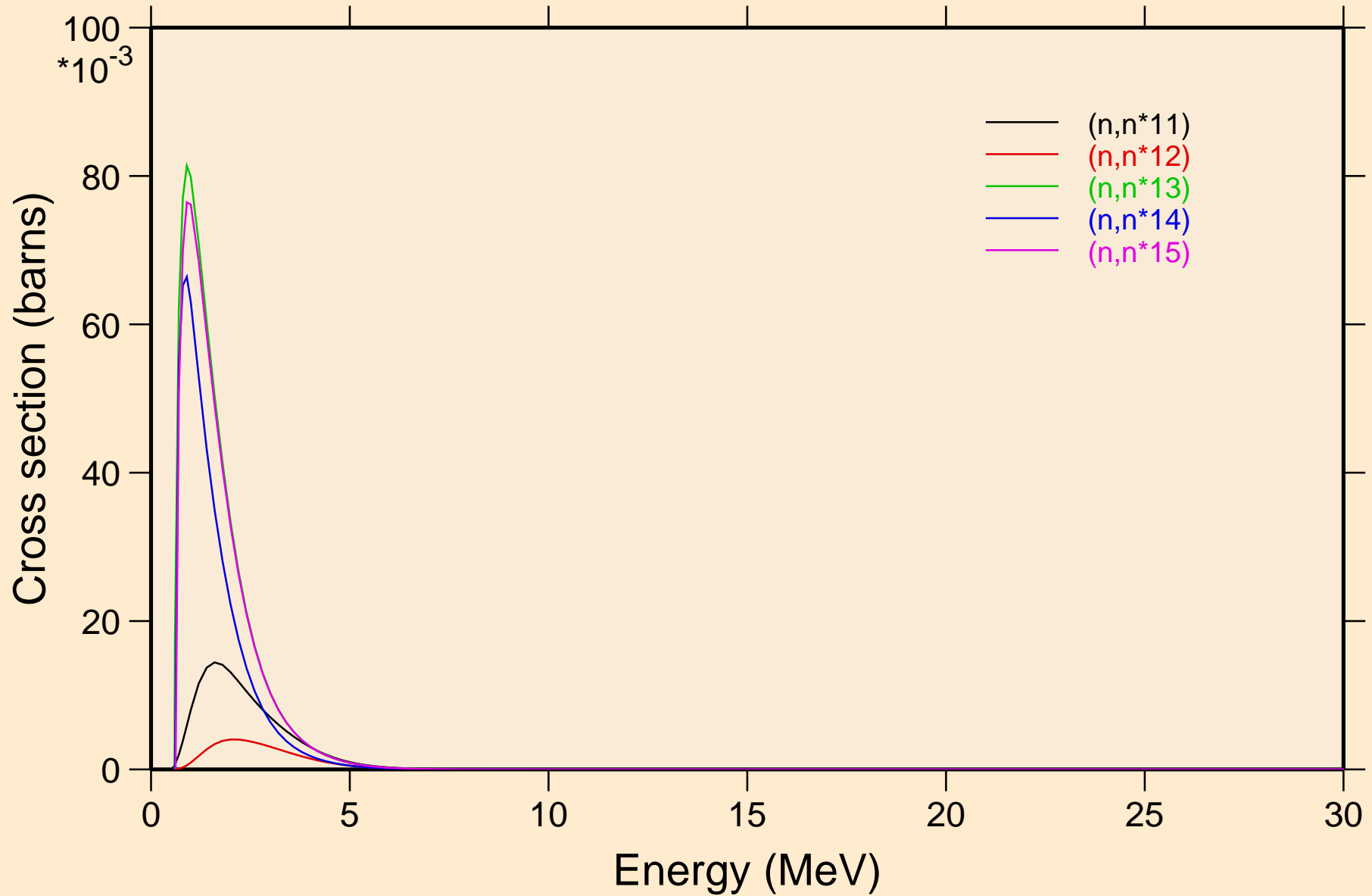


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

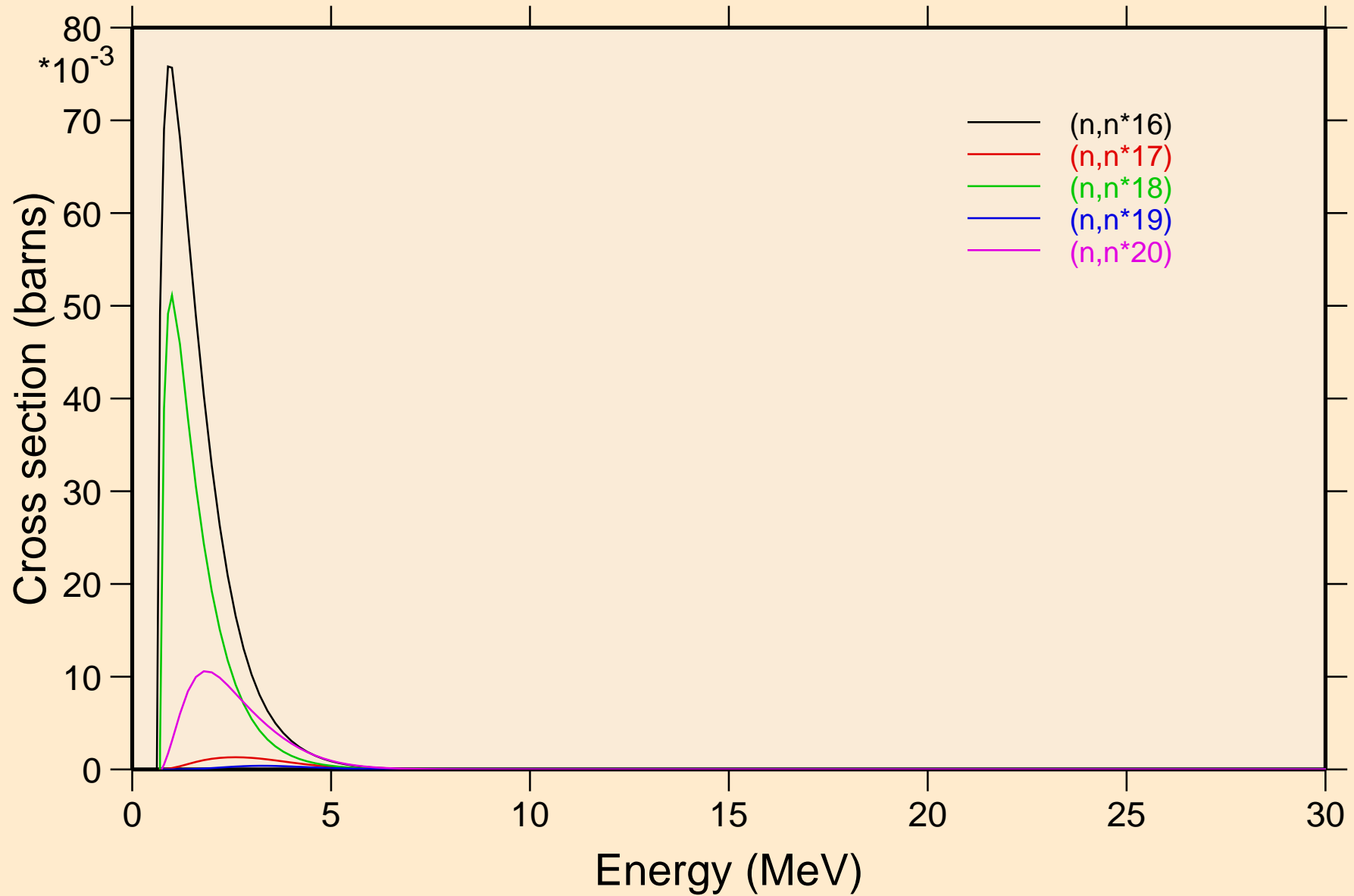


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

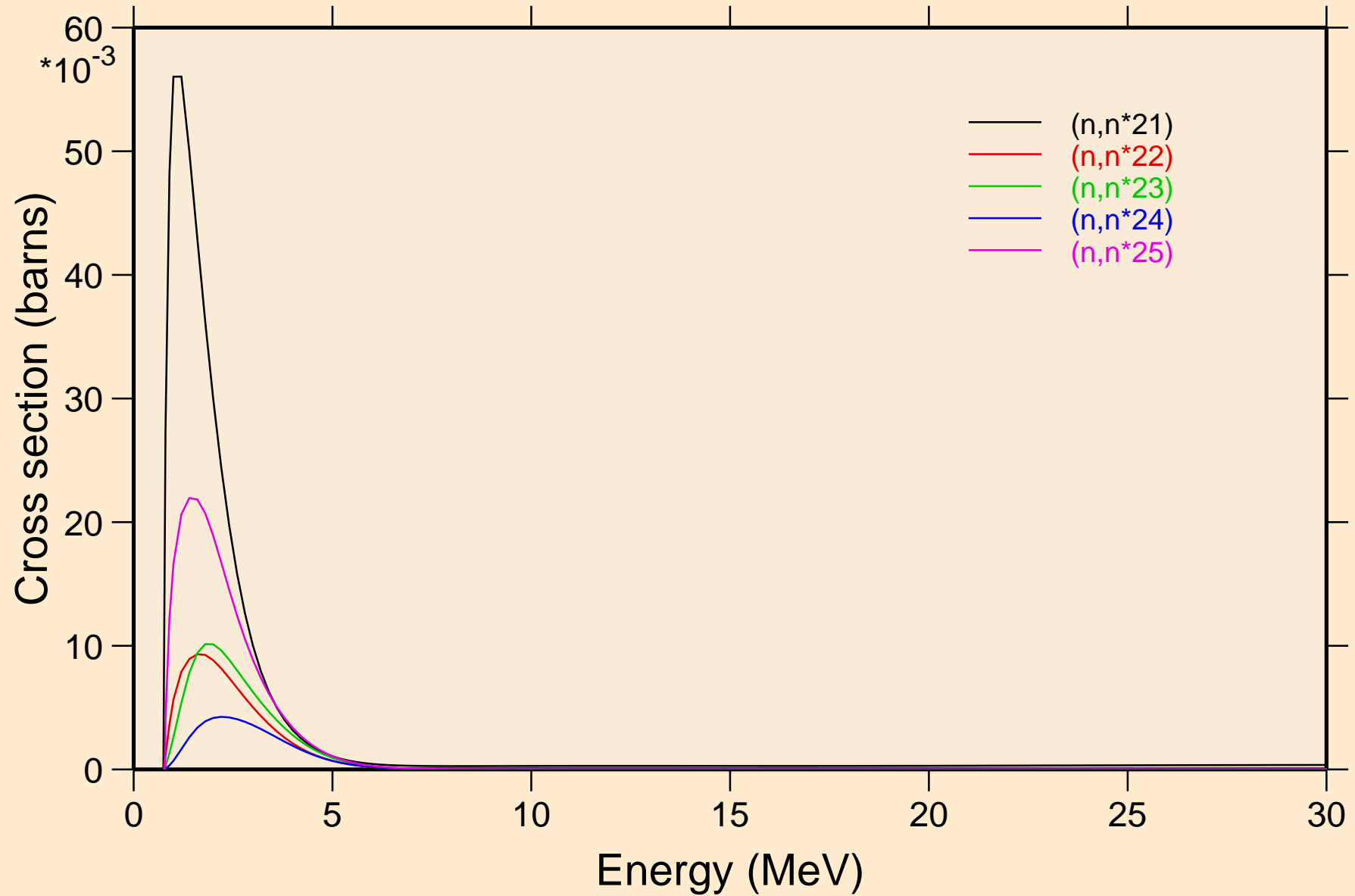


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

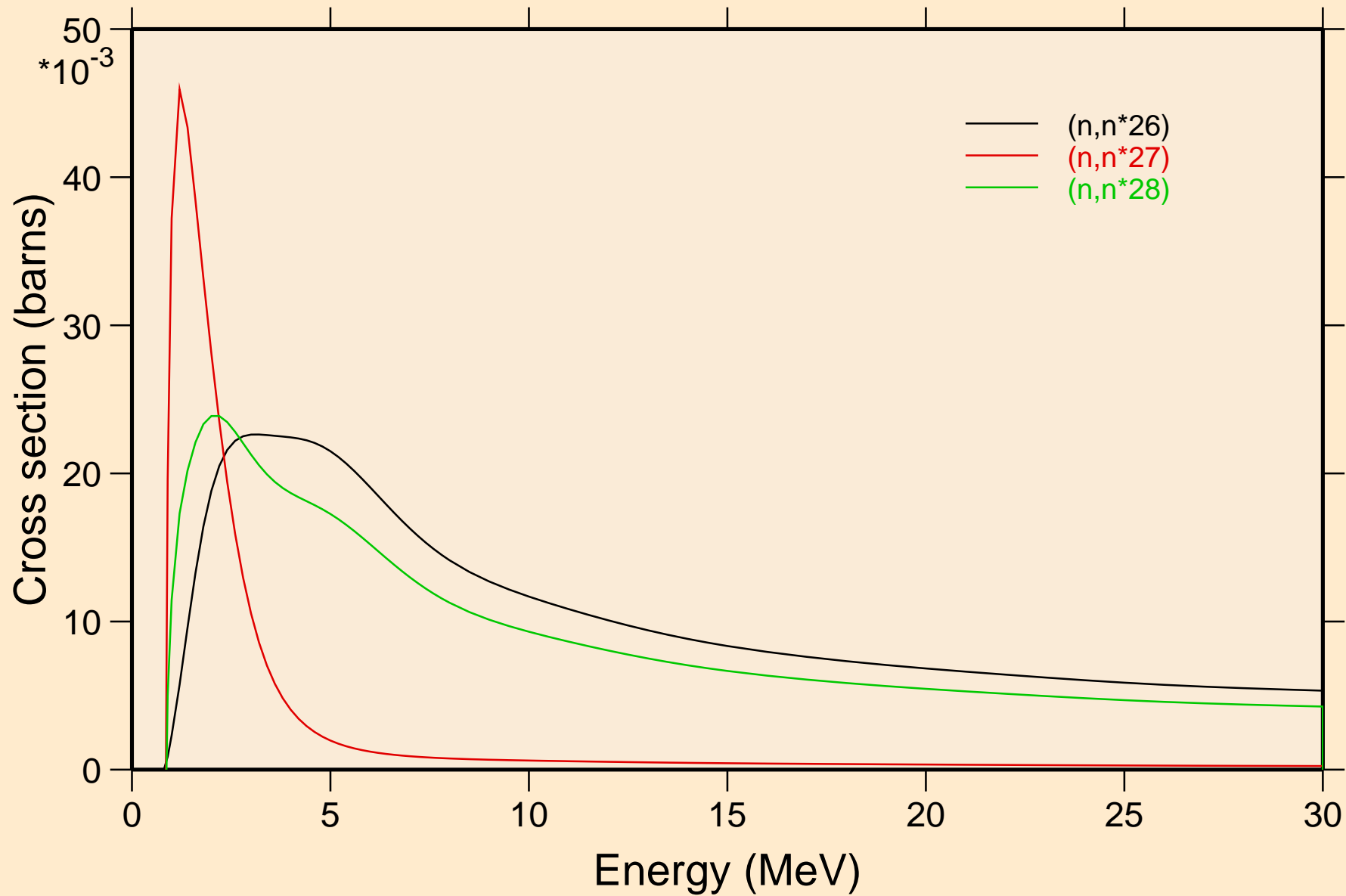
## Inelastic levels



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

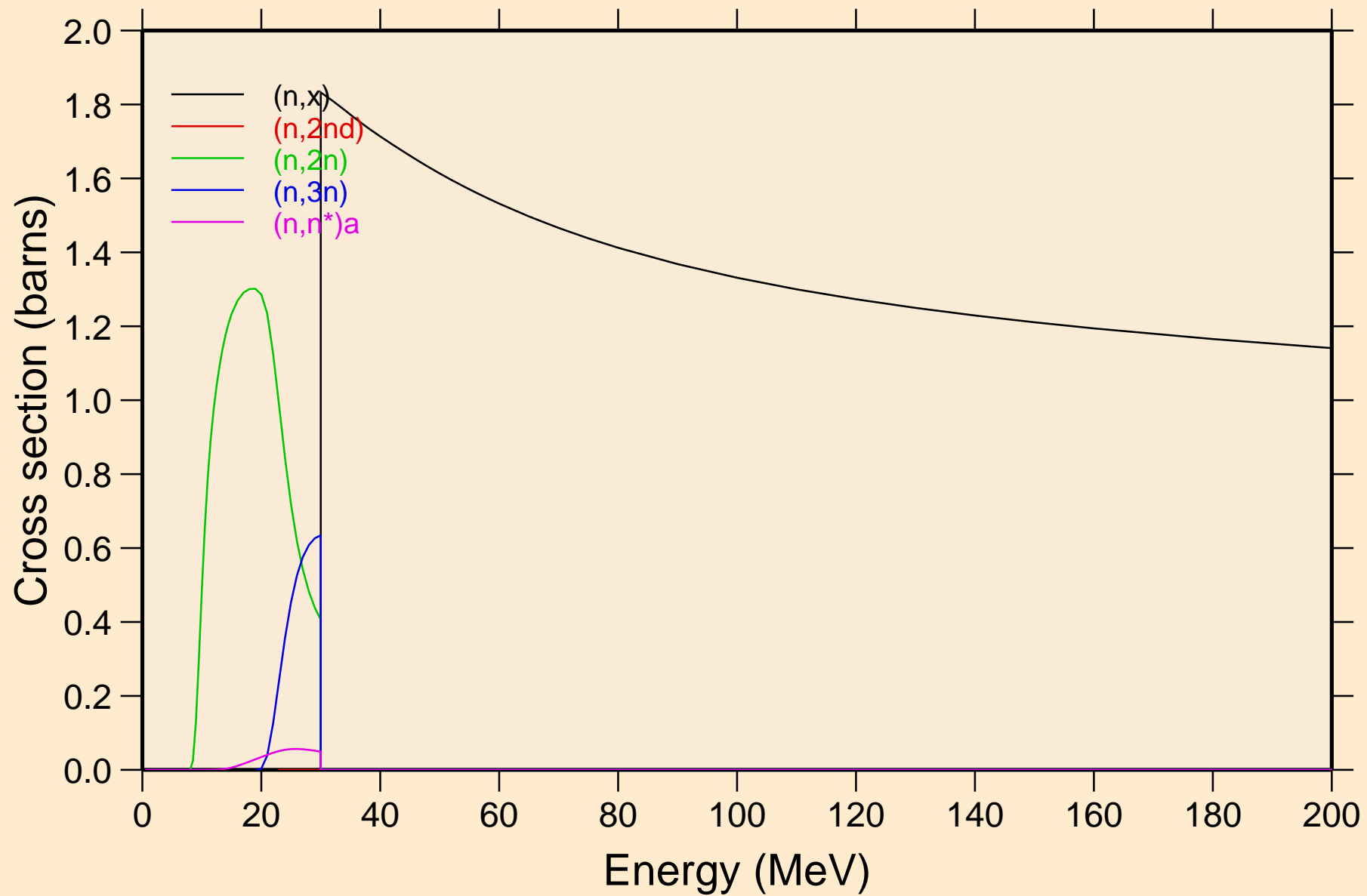


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



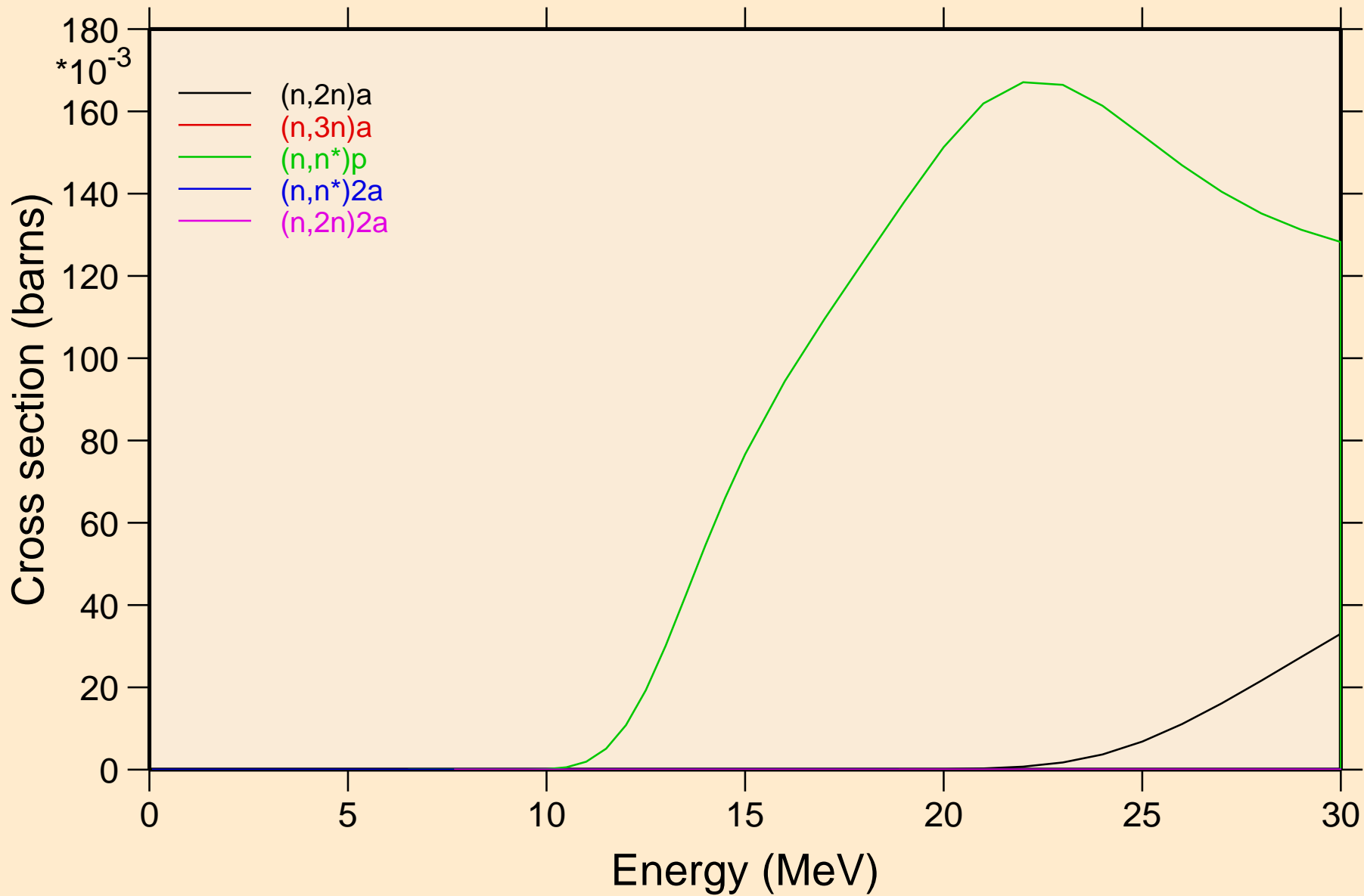
# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



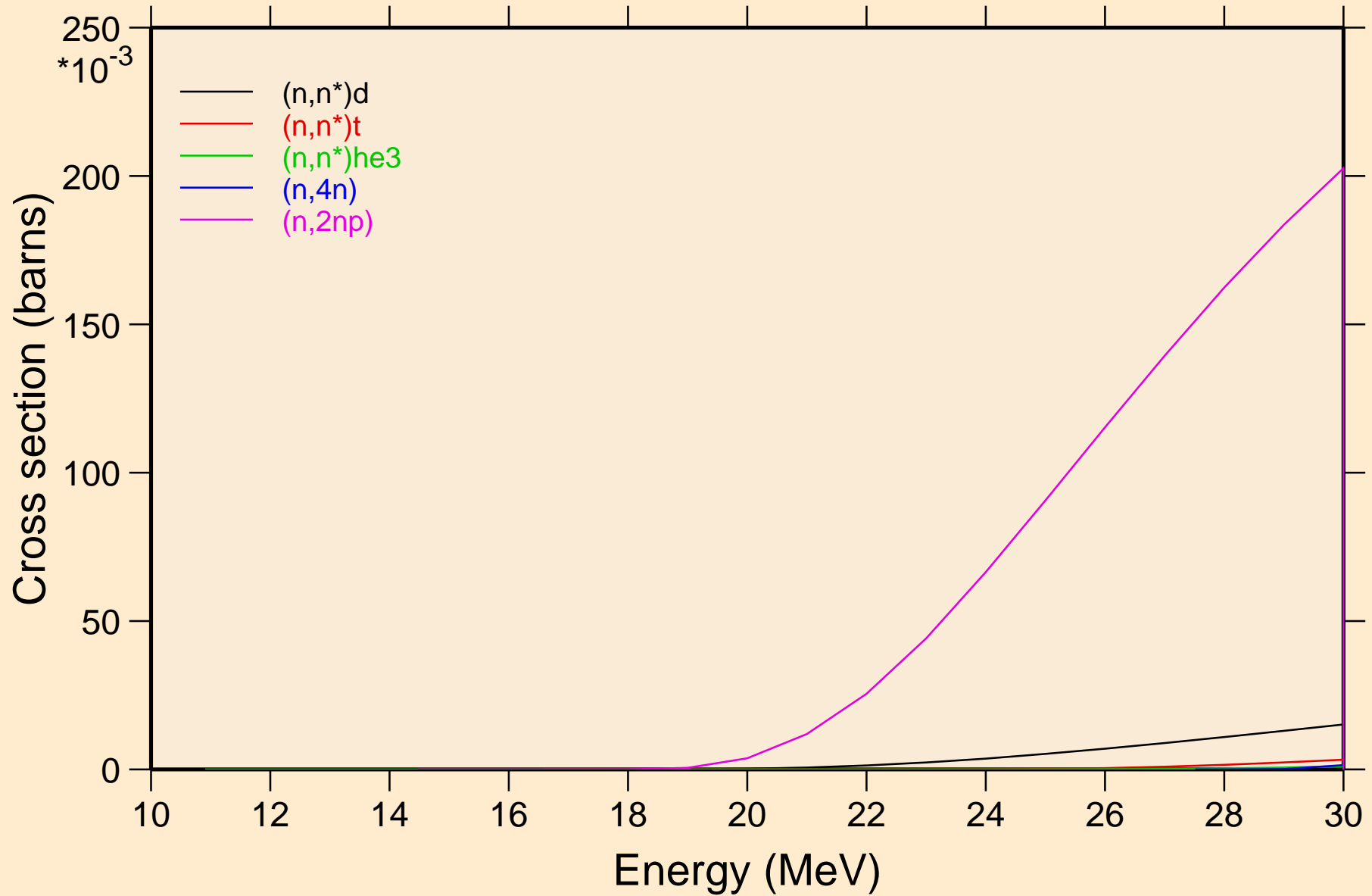


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



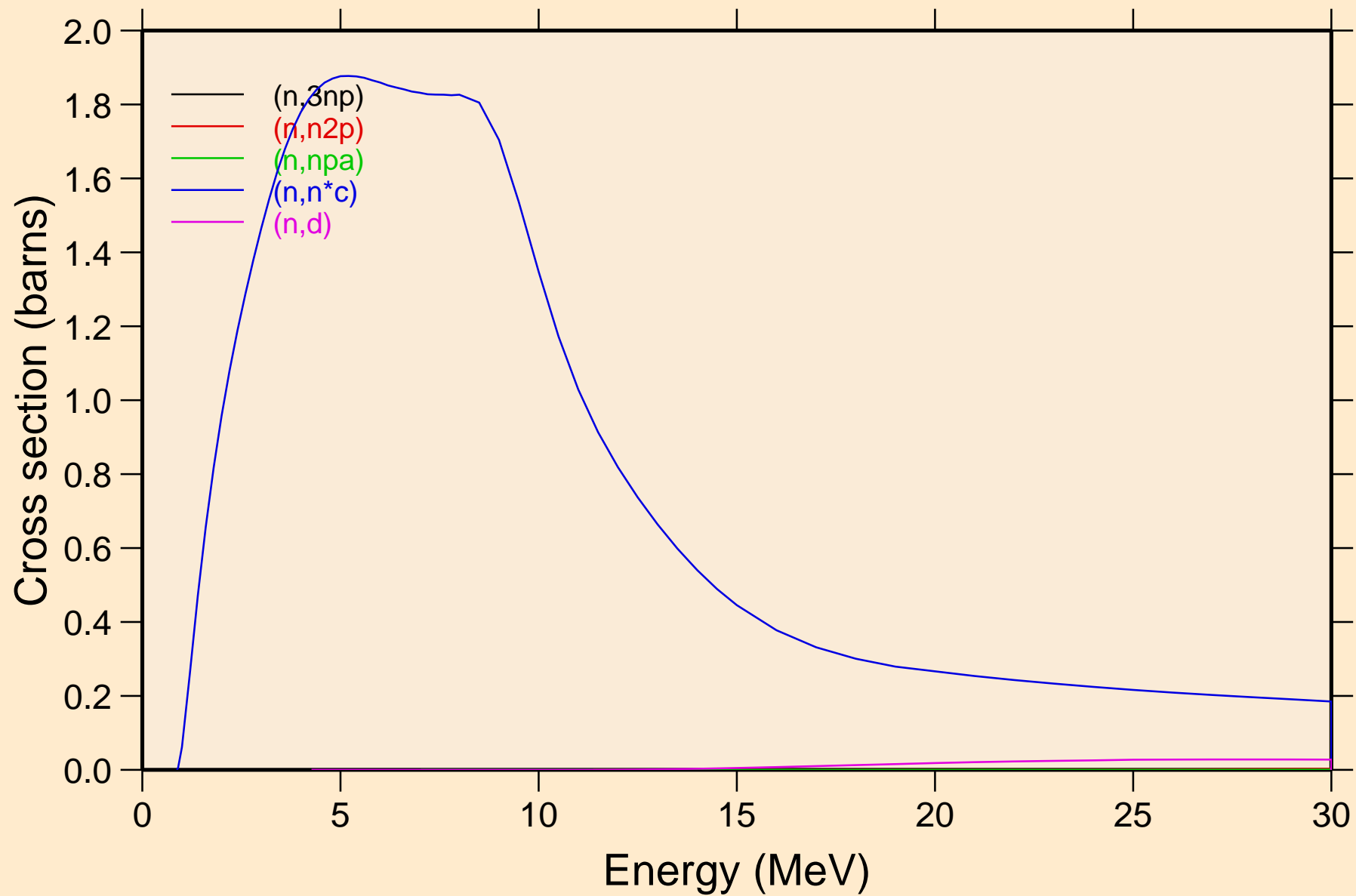
# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

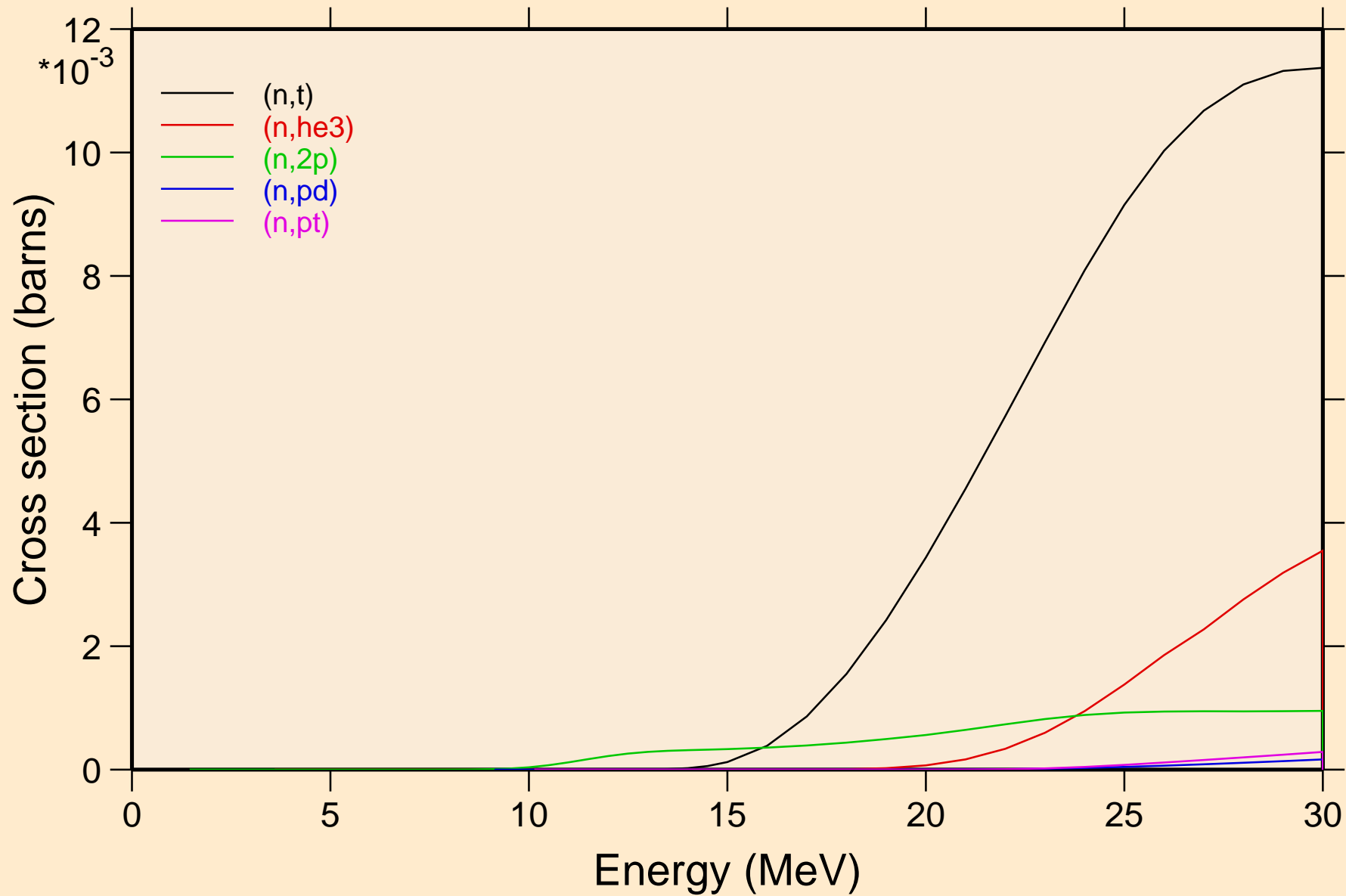


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

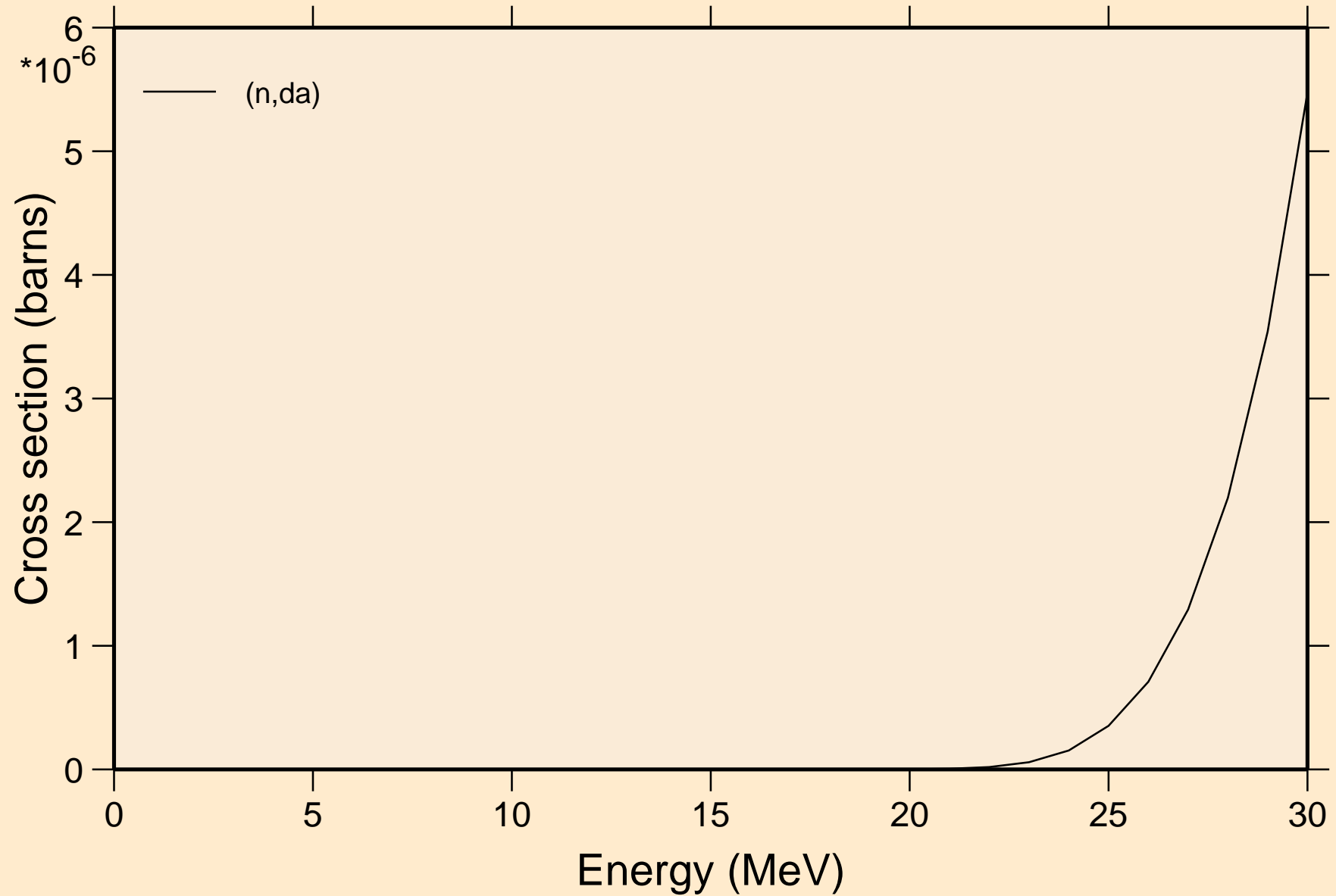
## Threshold reactions



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

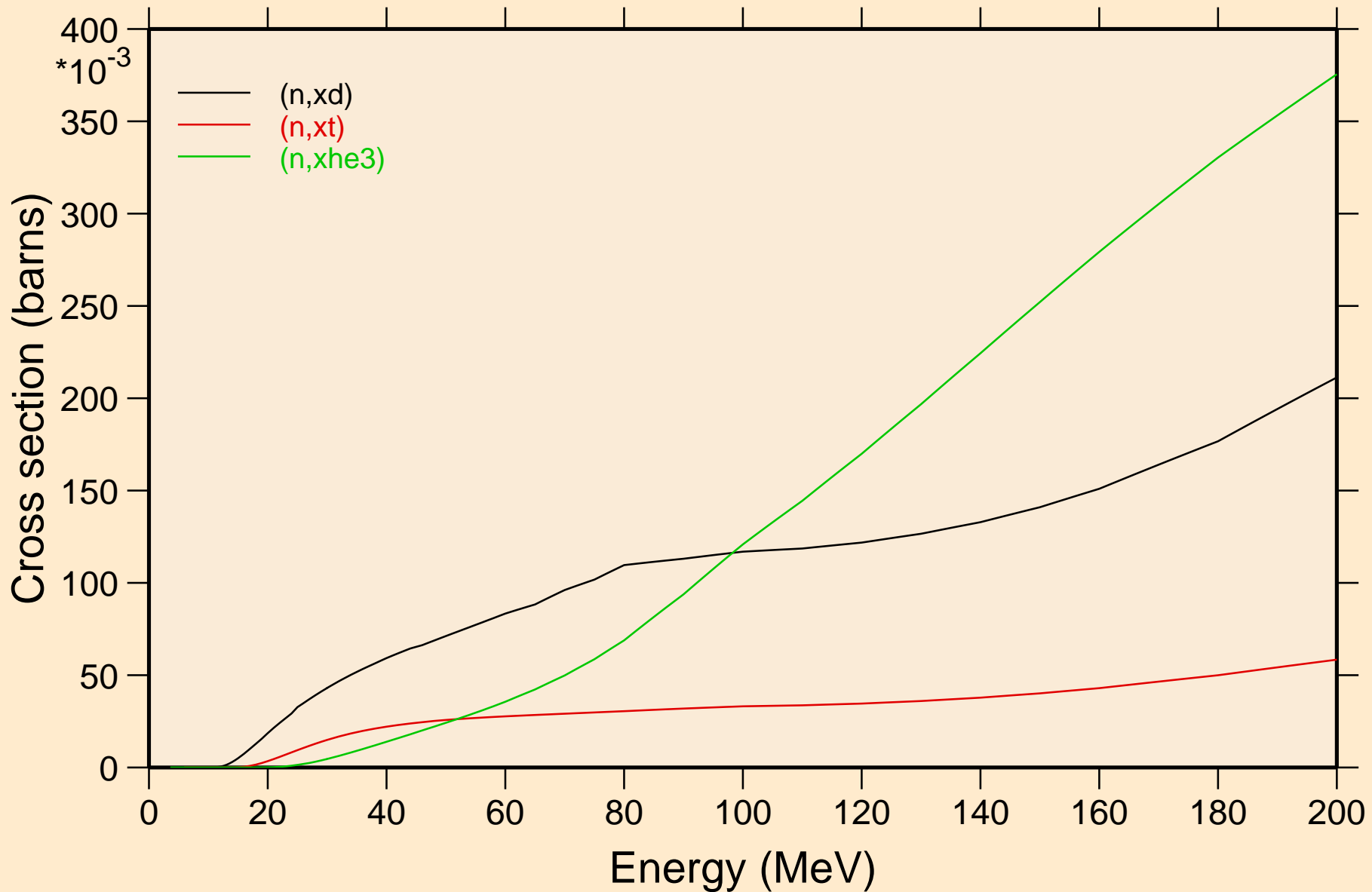


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

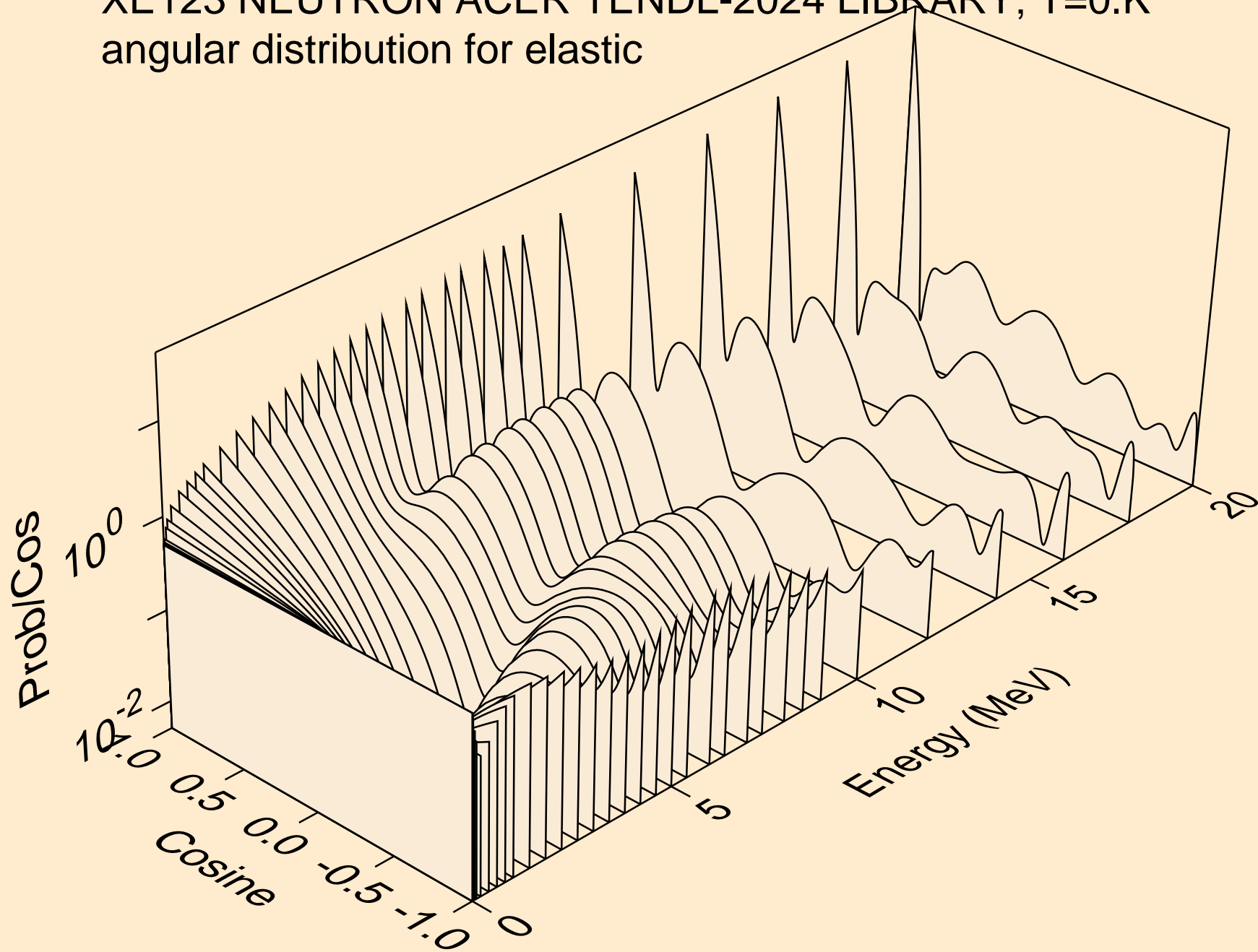


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

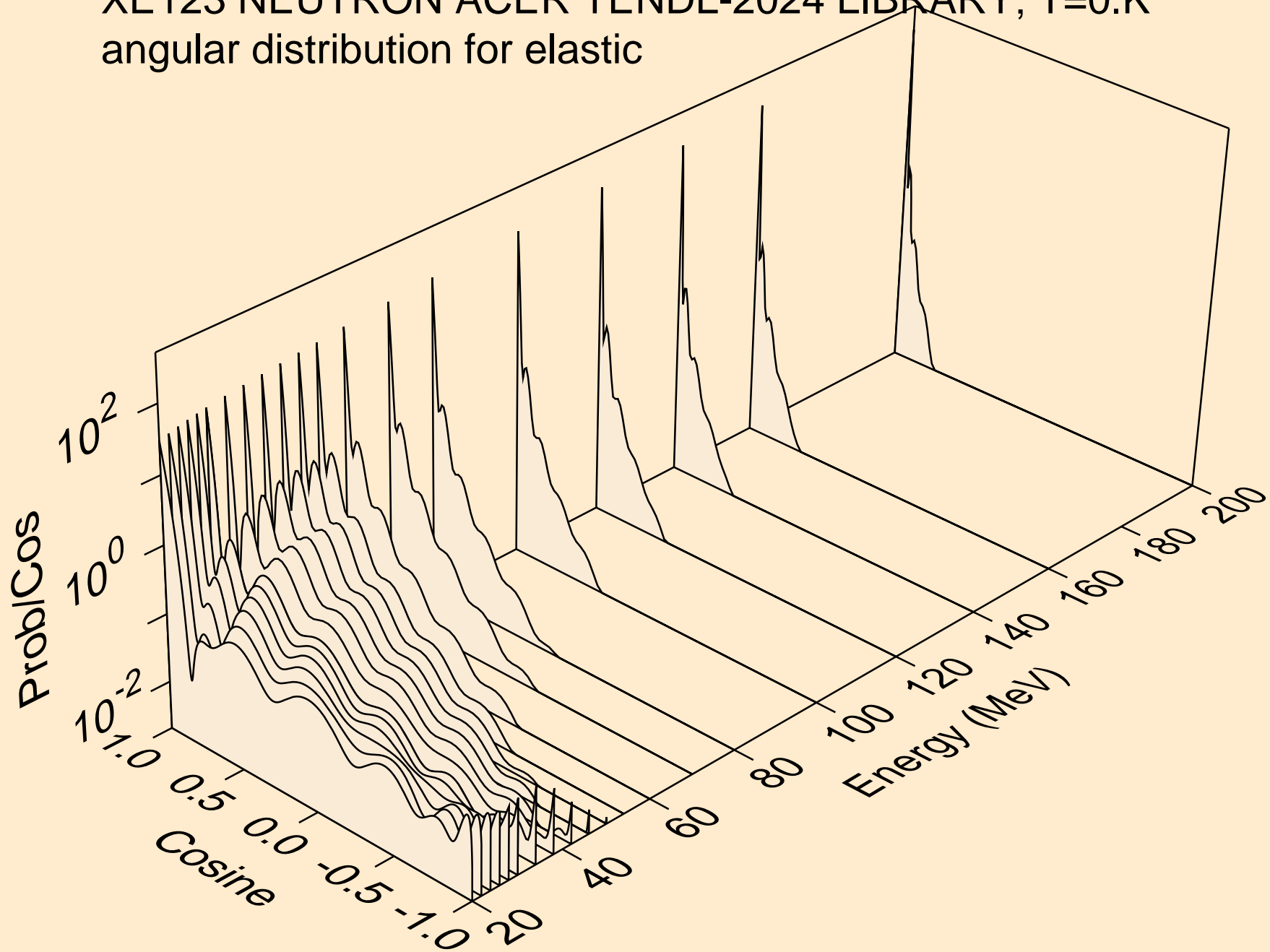
## Threshold reactions



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

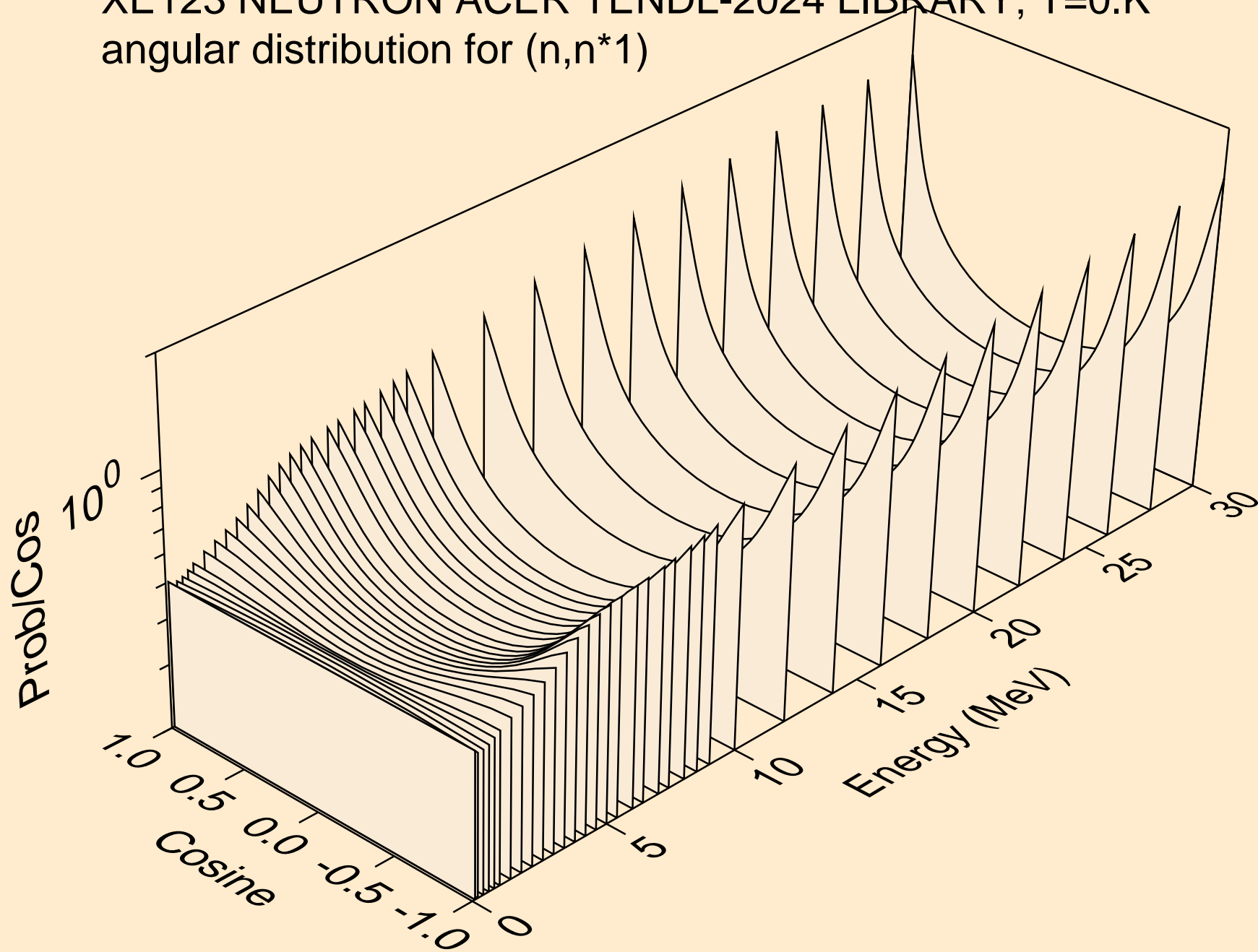


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

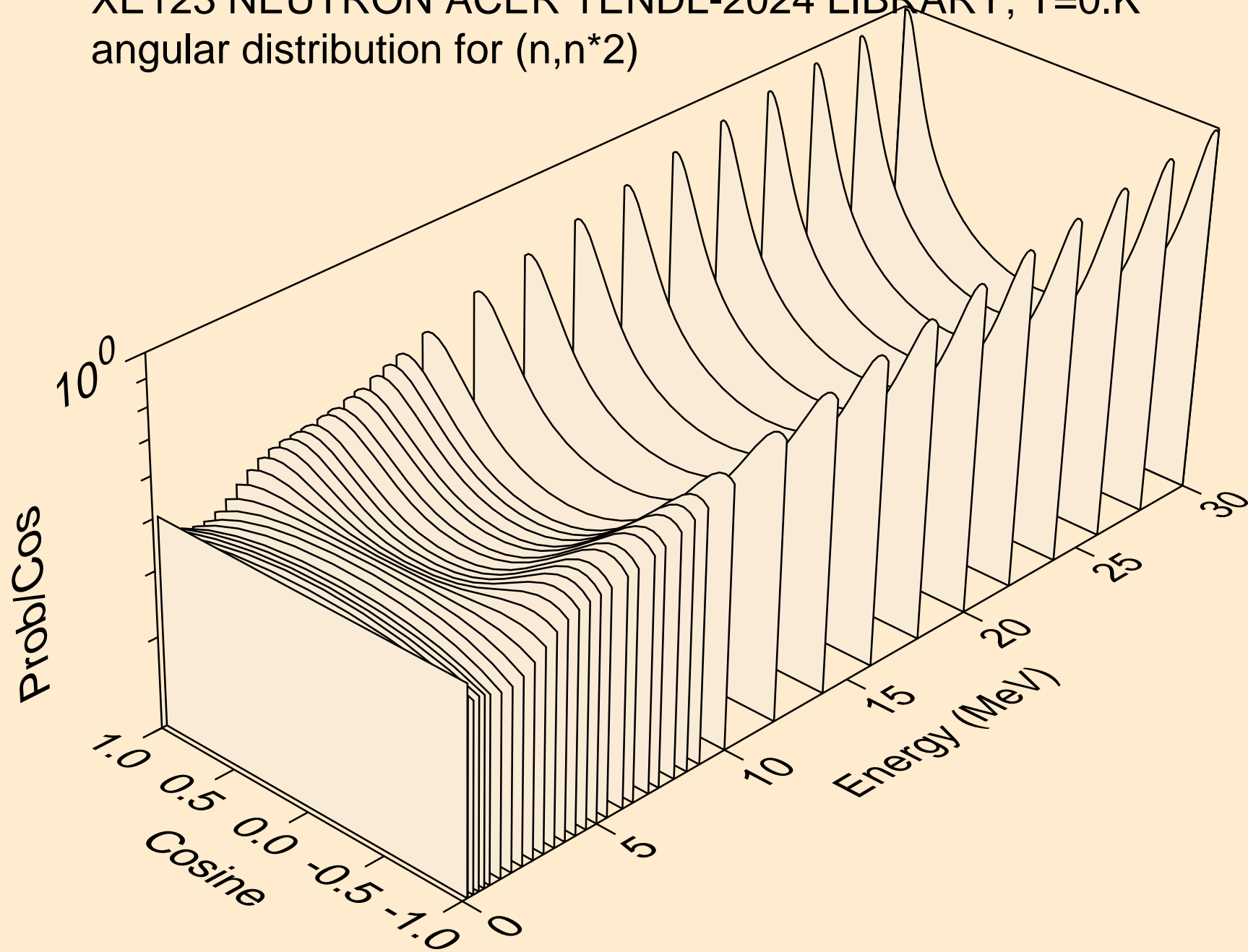




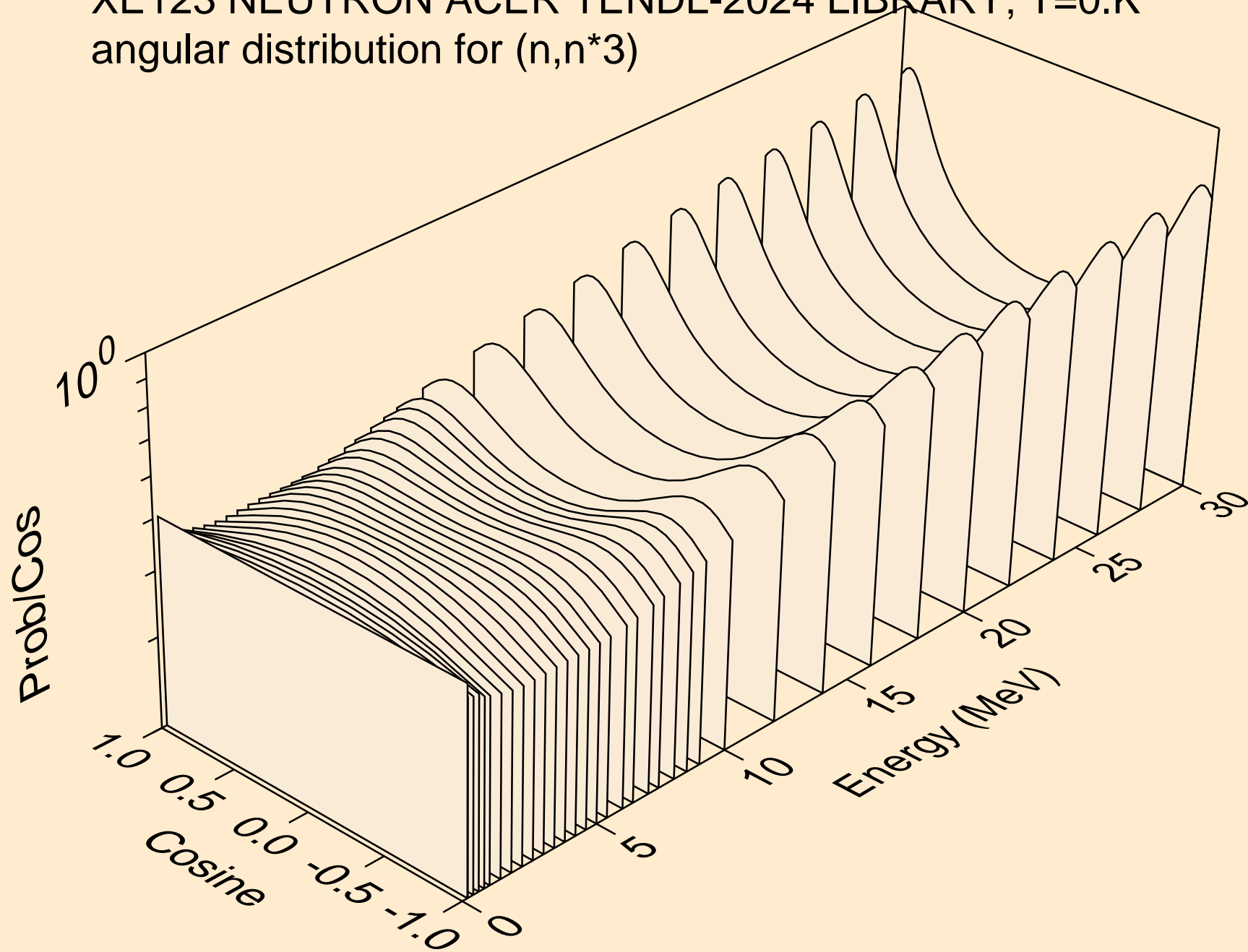
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



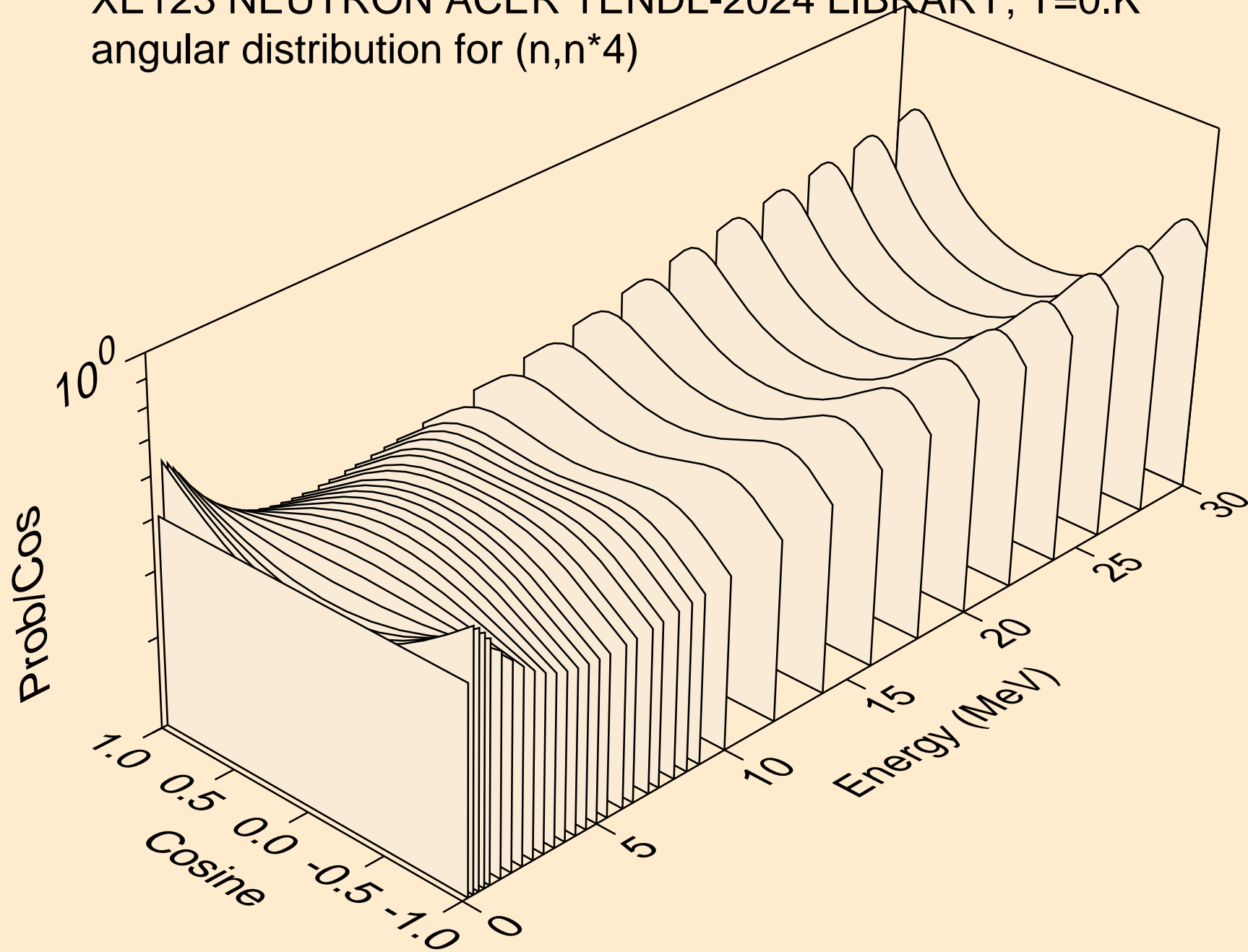
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angular distribution for (n,n\*2)



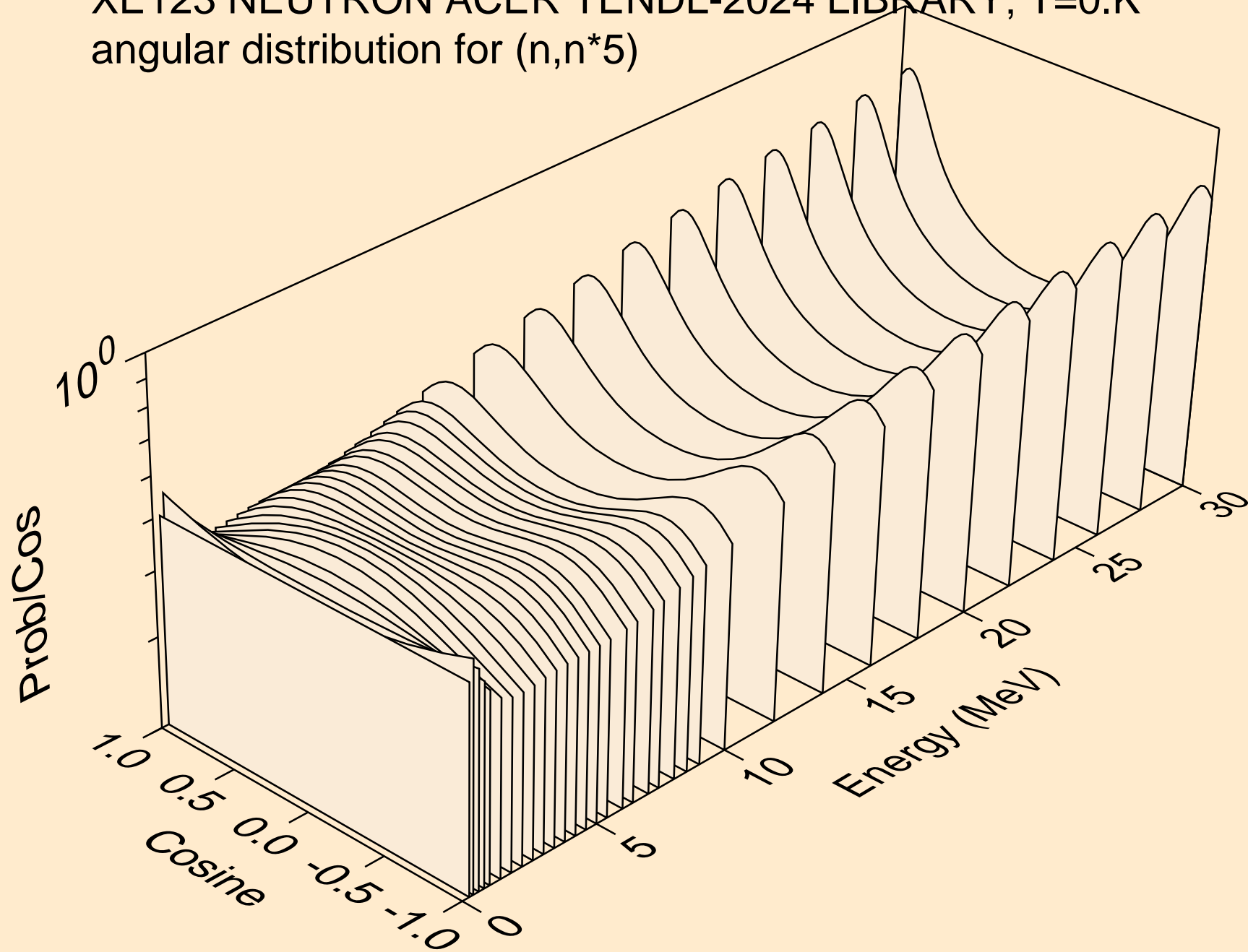
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angular distribution for (n,n\*3)



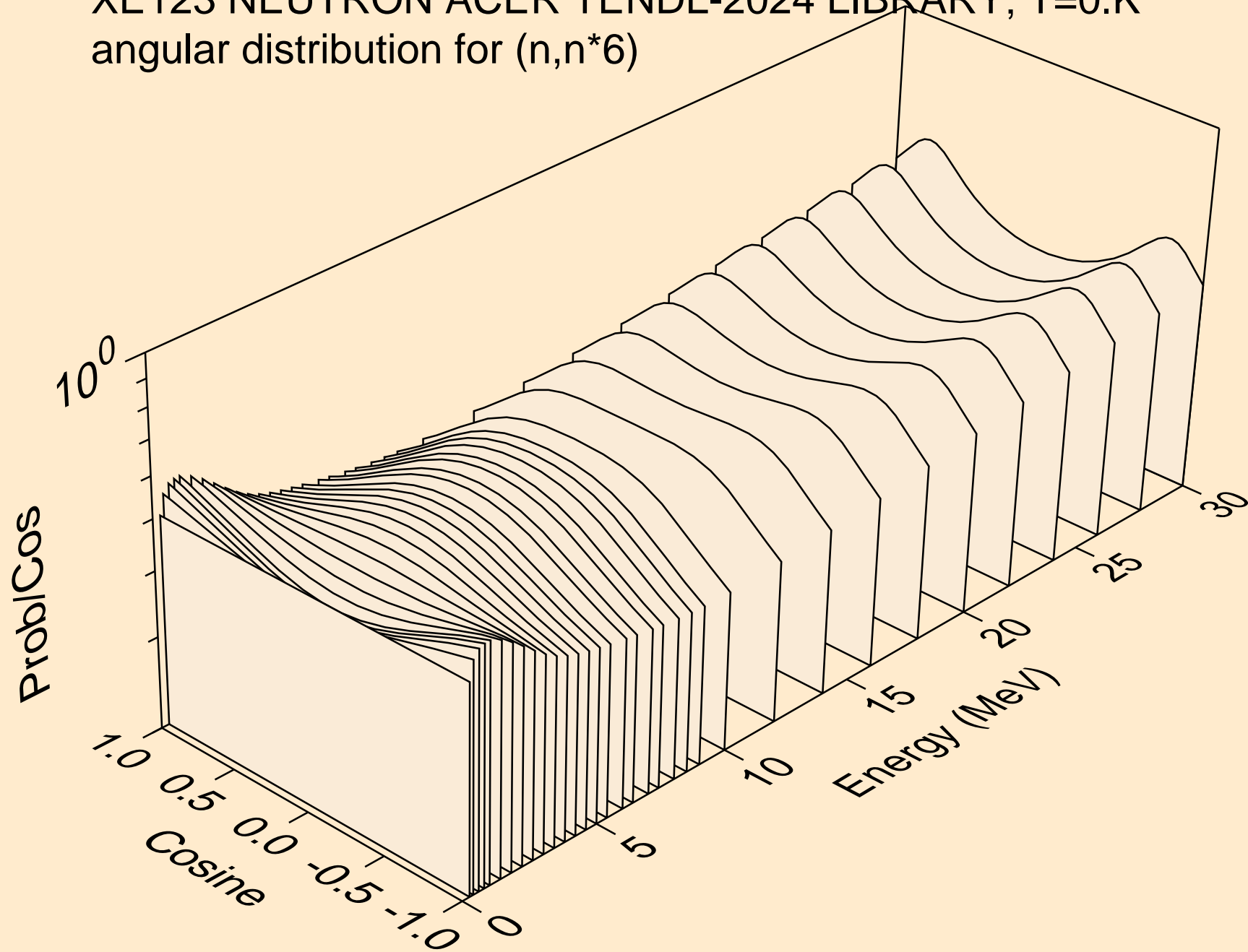
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angular distribution for (n,n\*4)



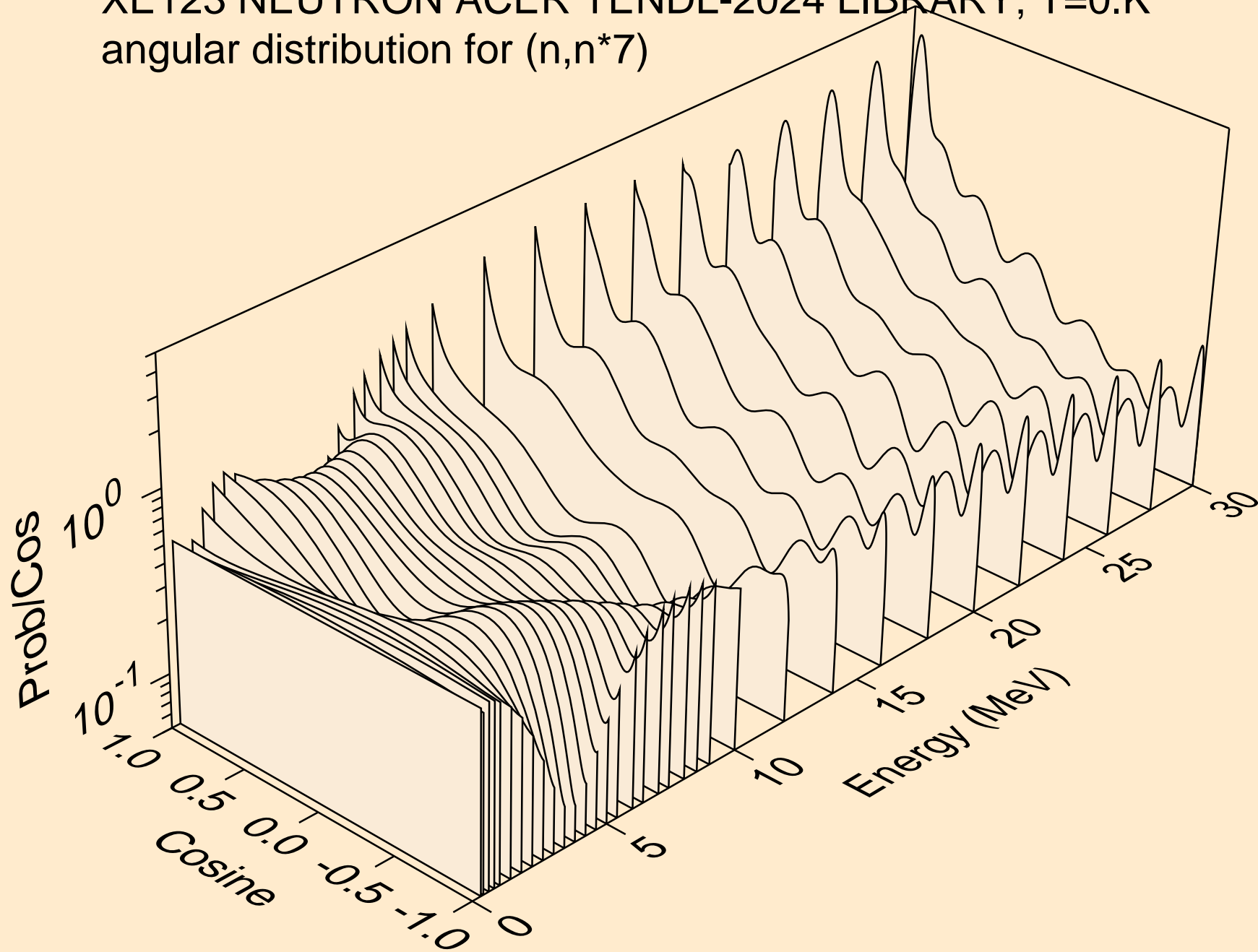
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angular distribution for (n,n\*5)



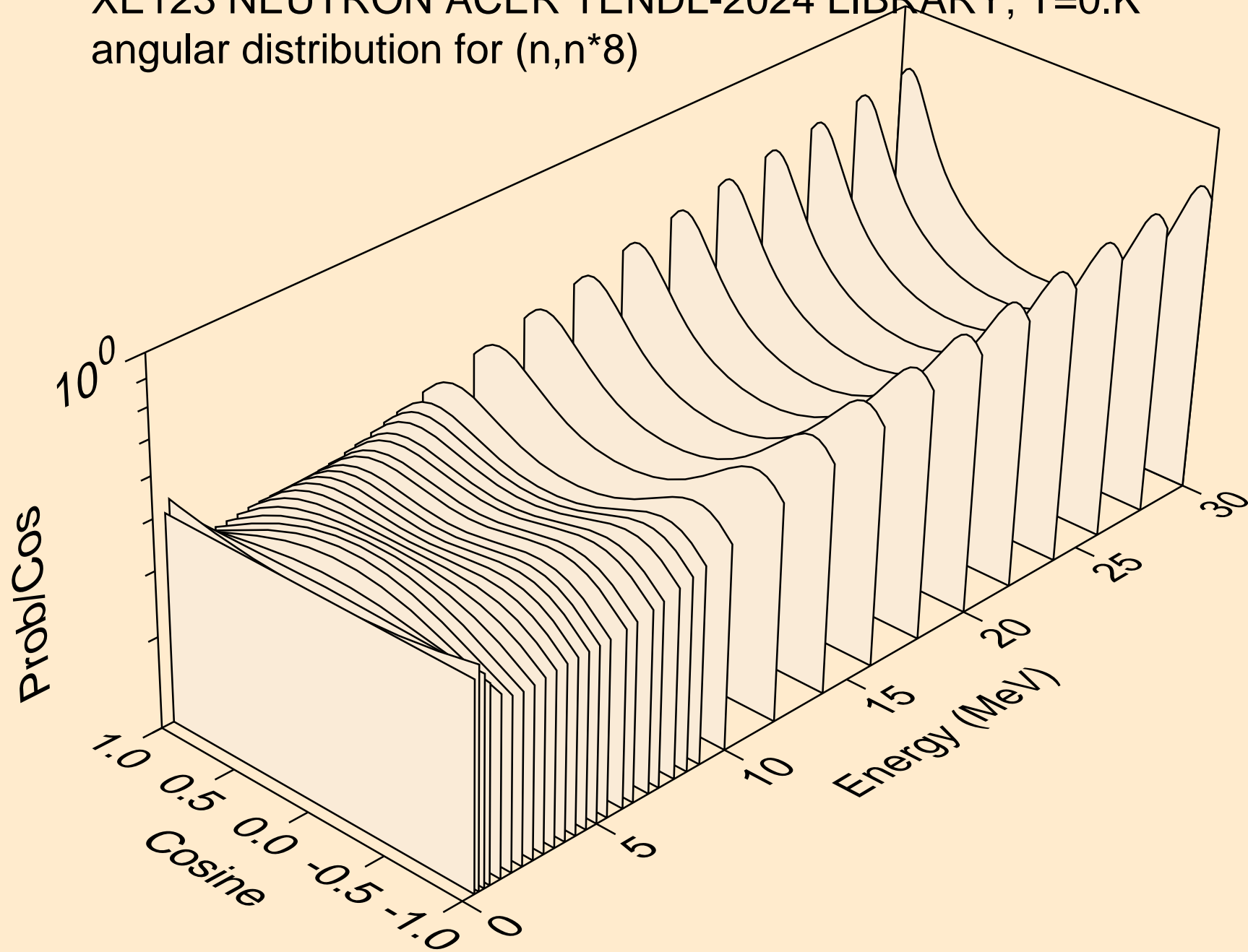
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

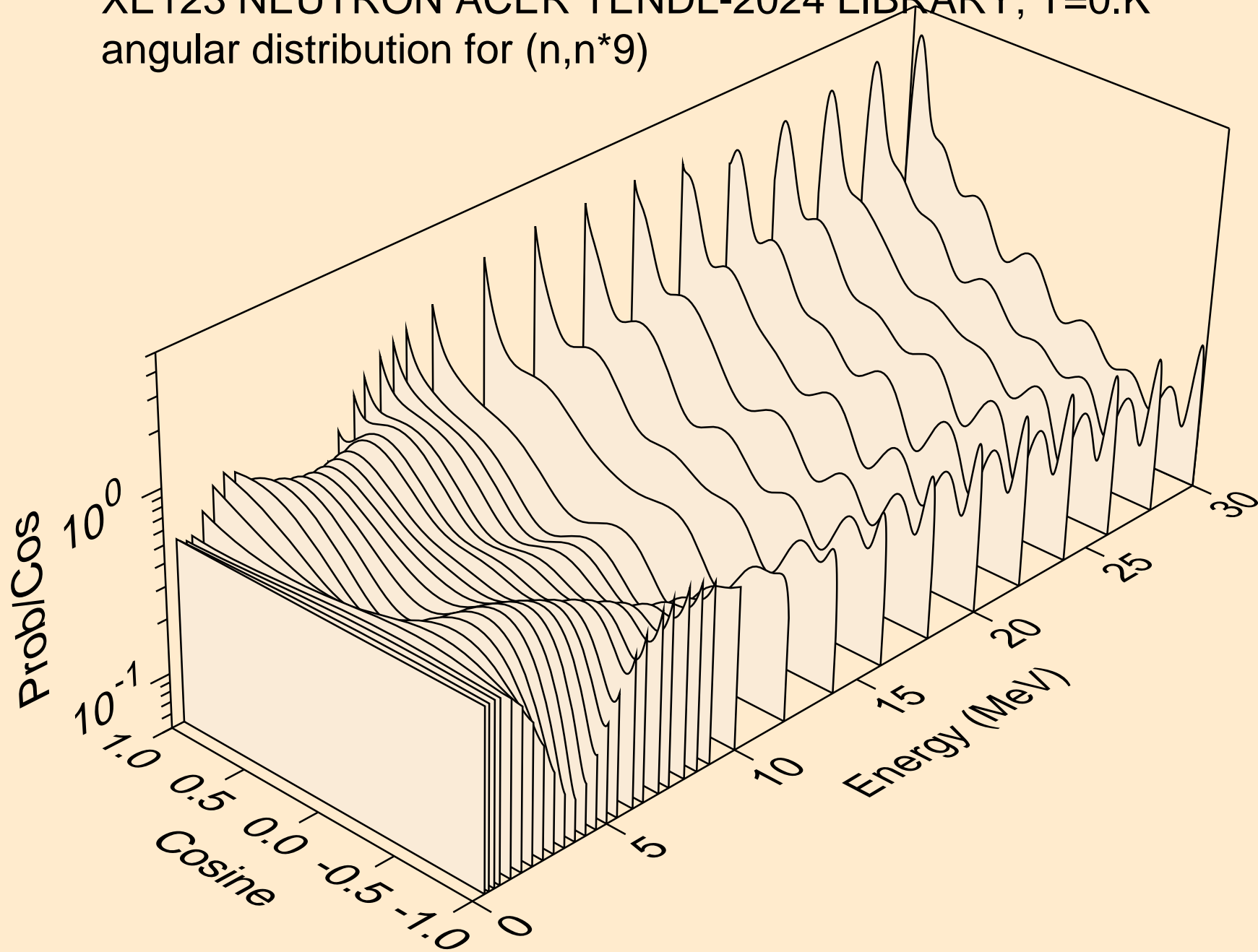


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

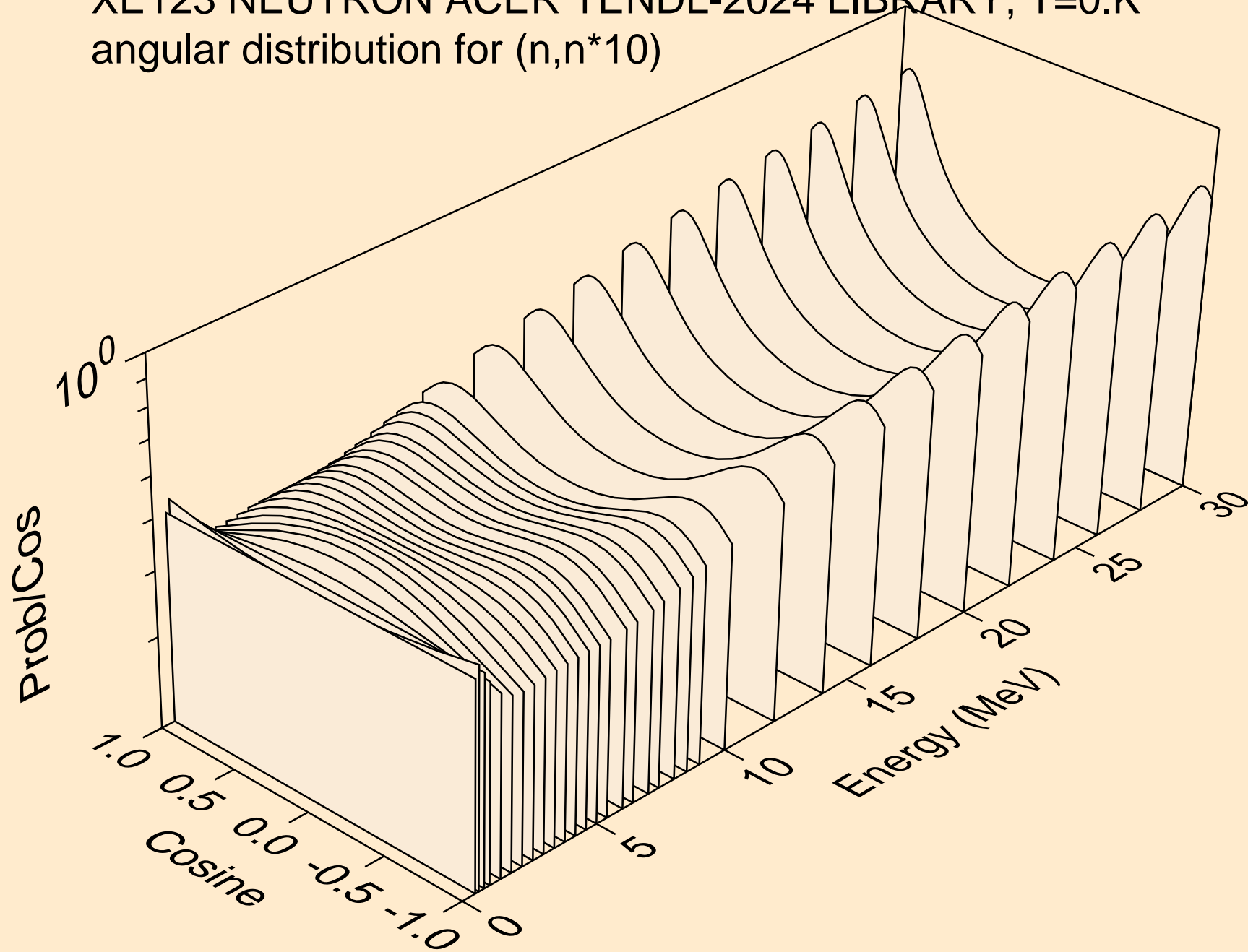




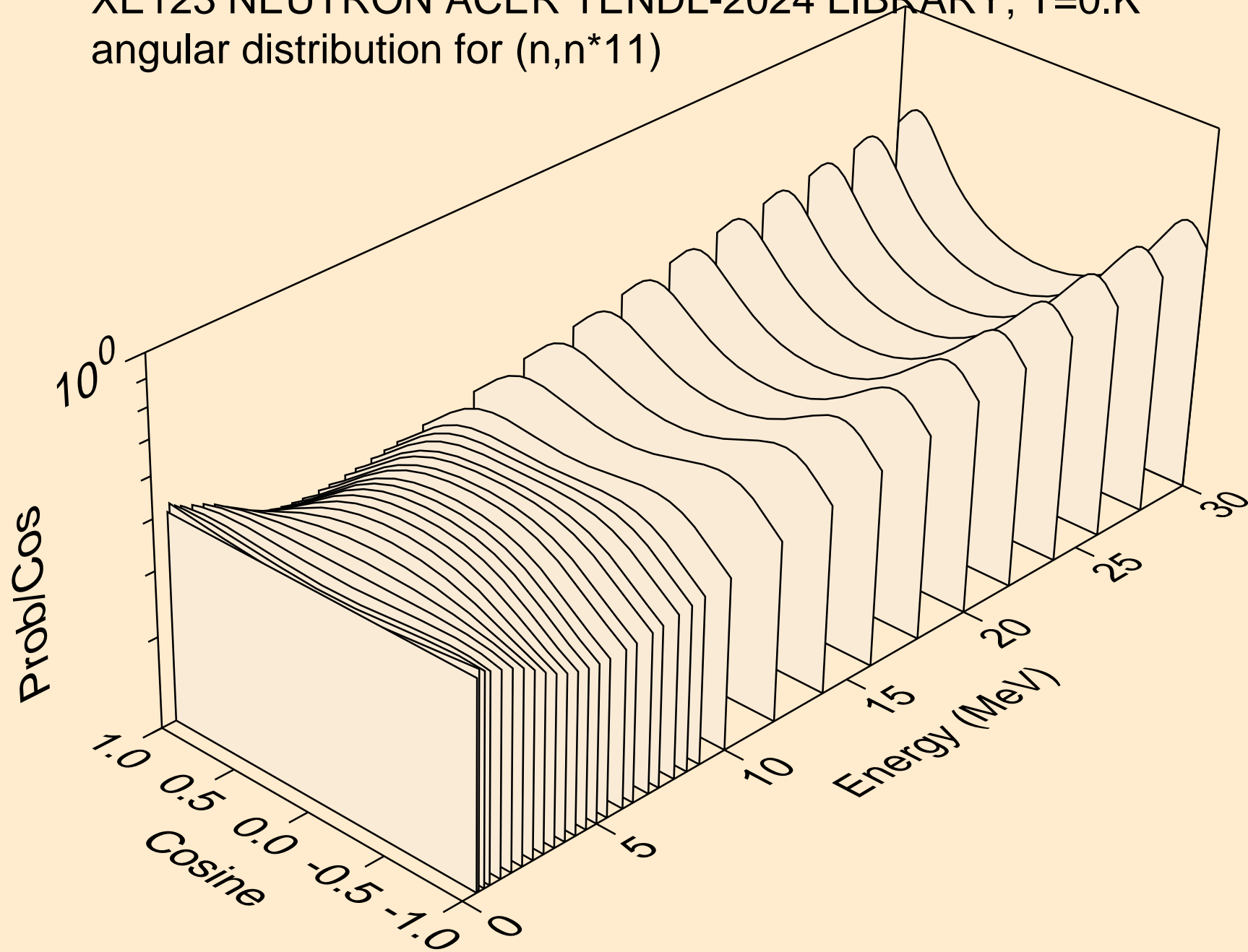
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angular distribution for (n,n\*9)



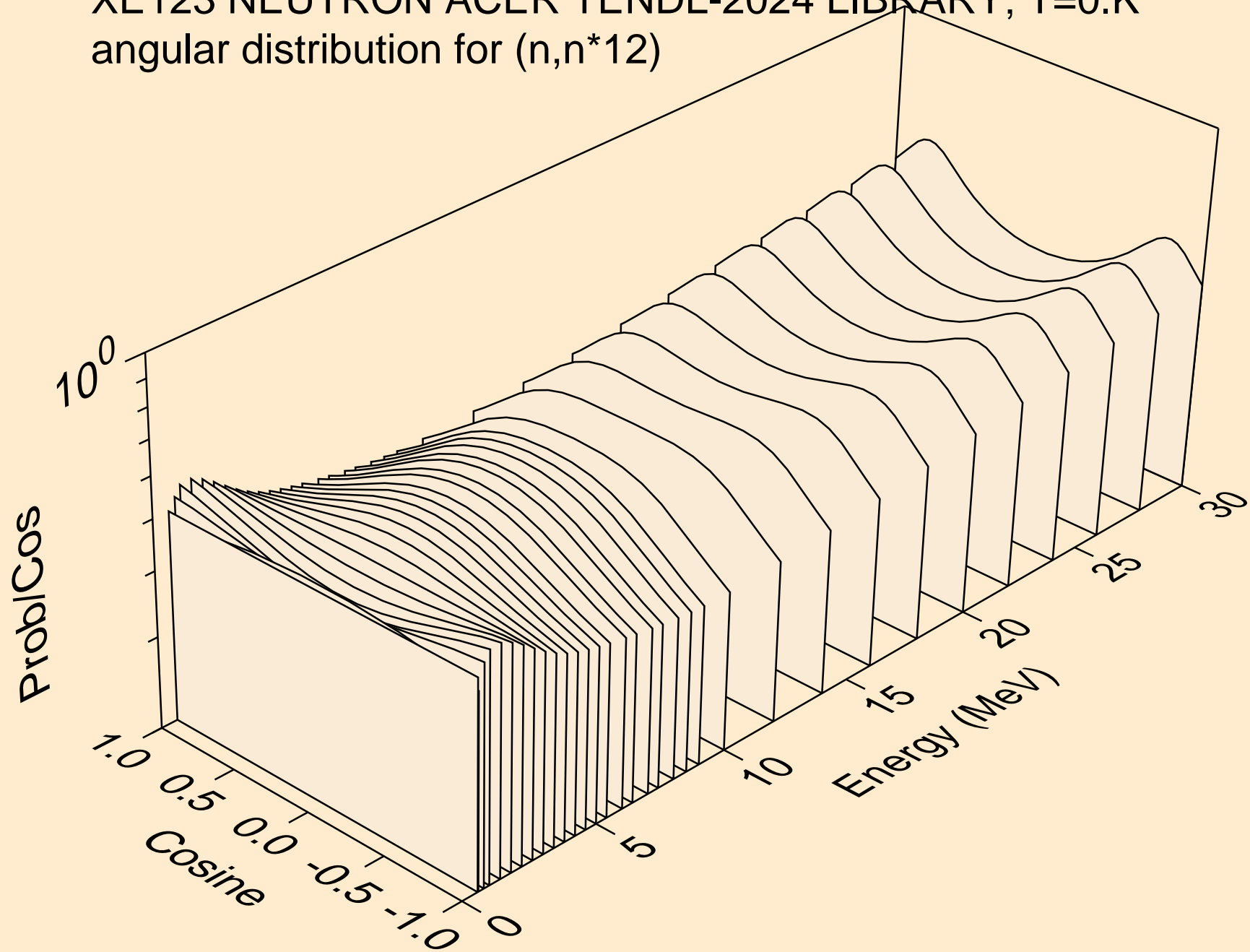
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angular distribution for (n,n\*10)



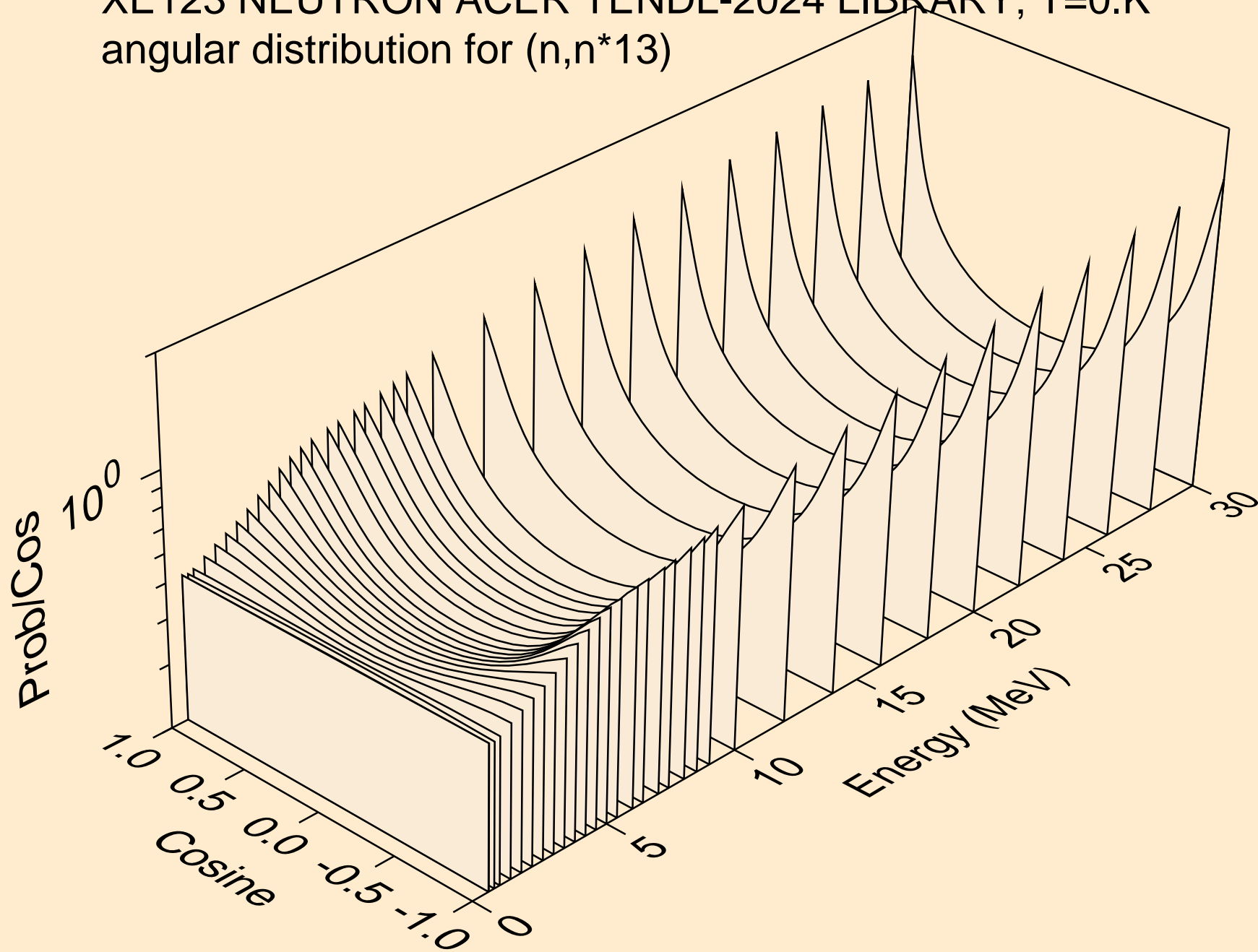
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angular distribution for (n,n\*11)



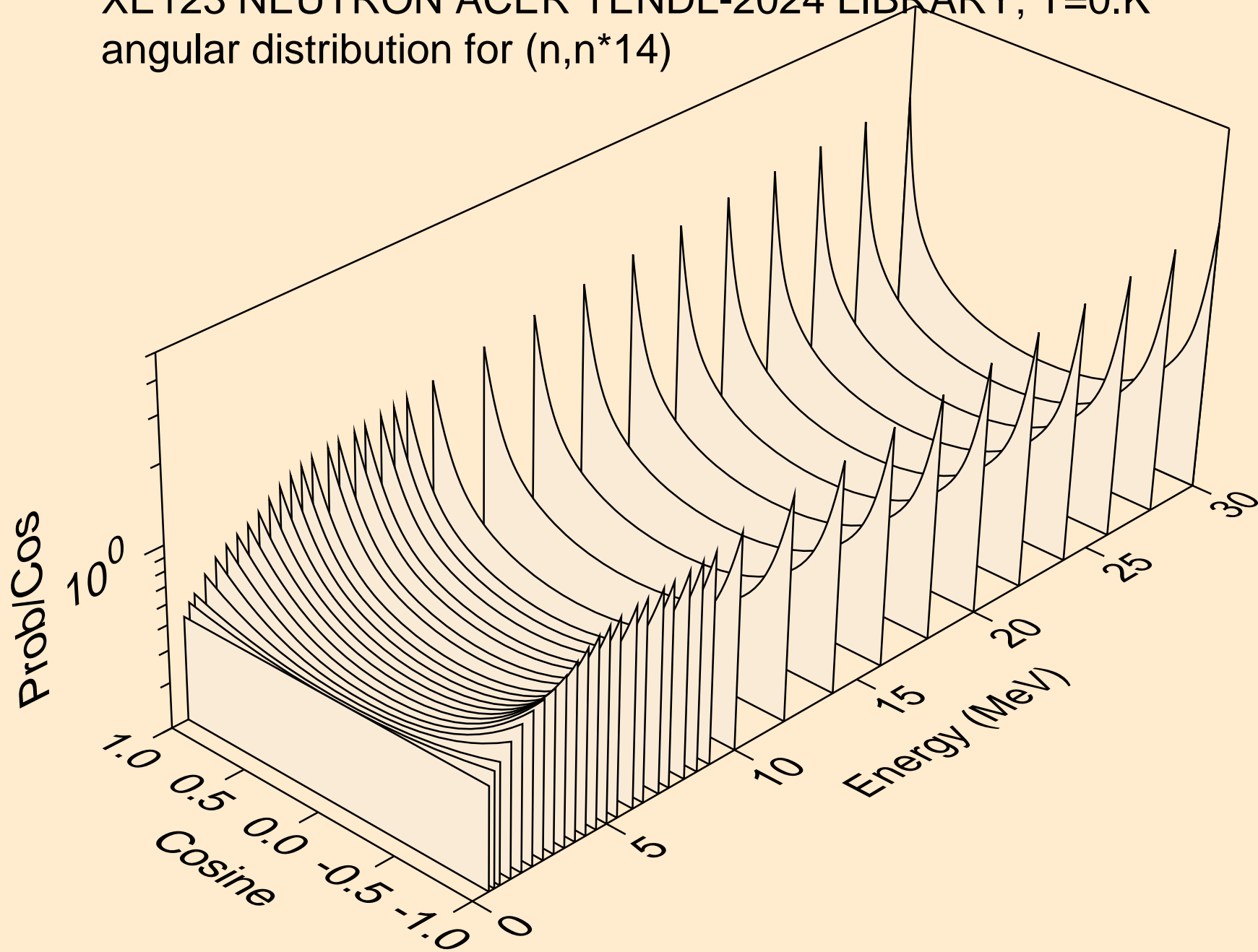
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angular distribution for (n,n\*12)



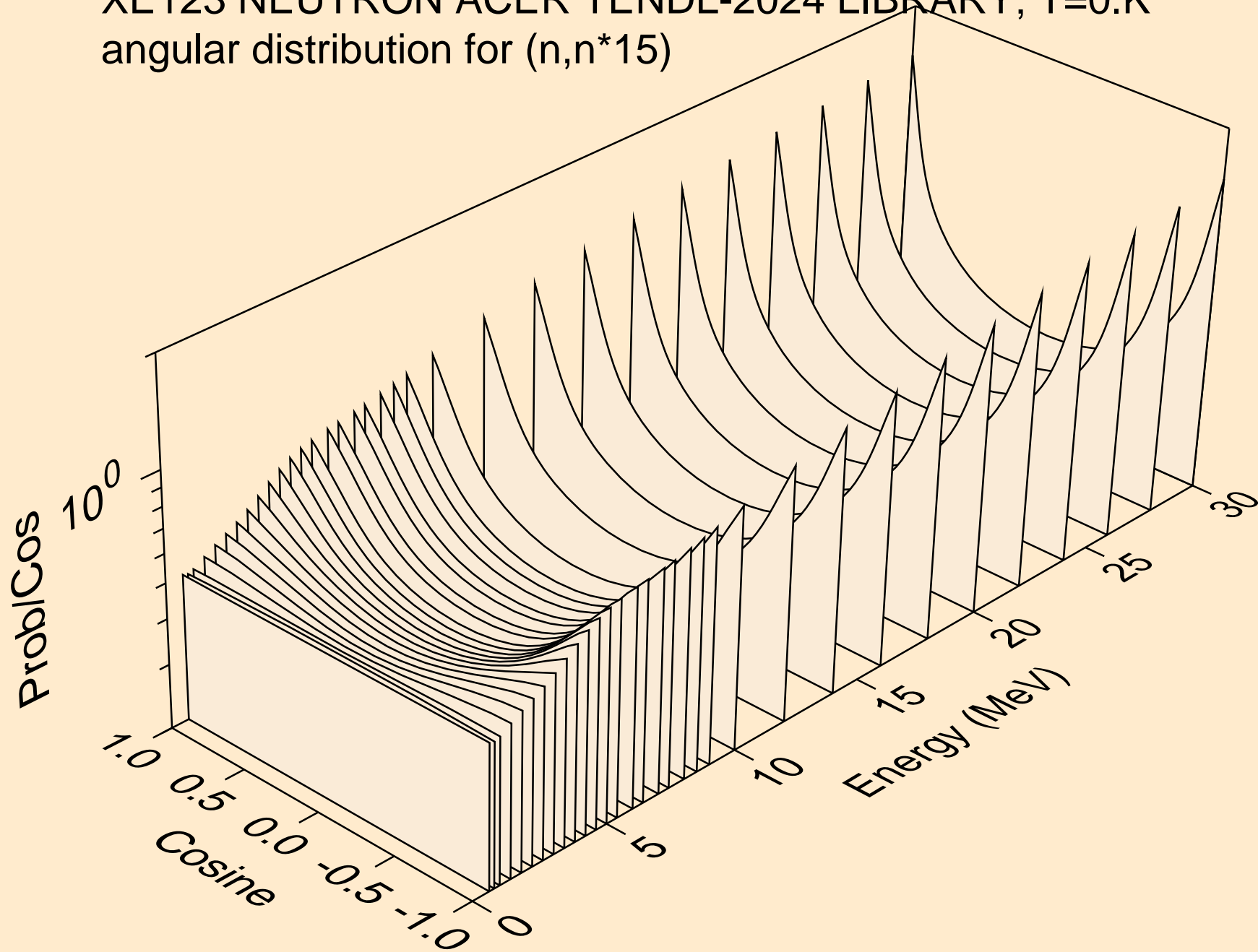
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angular distribution for (n,n\*13)



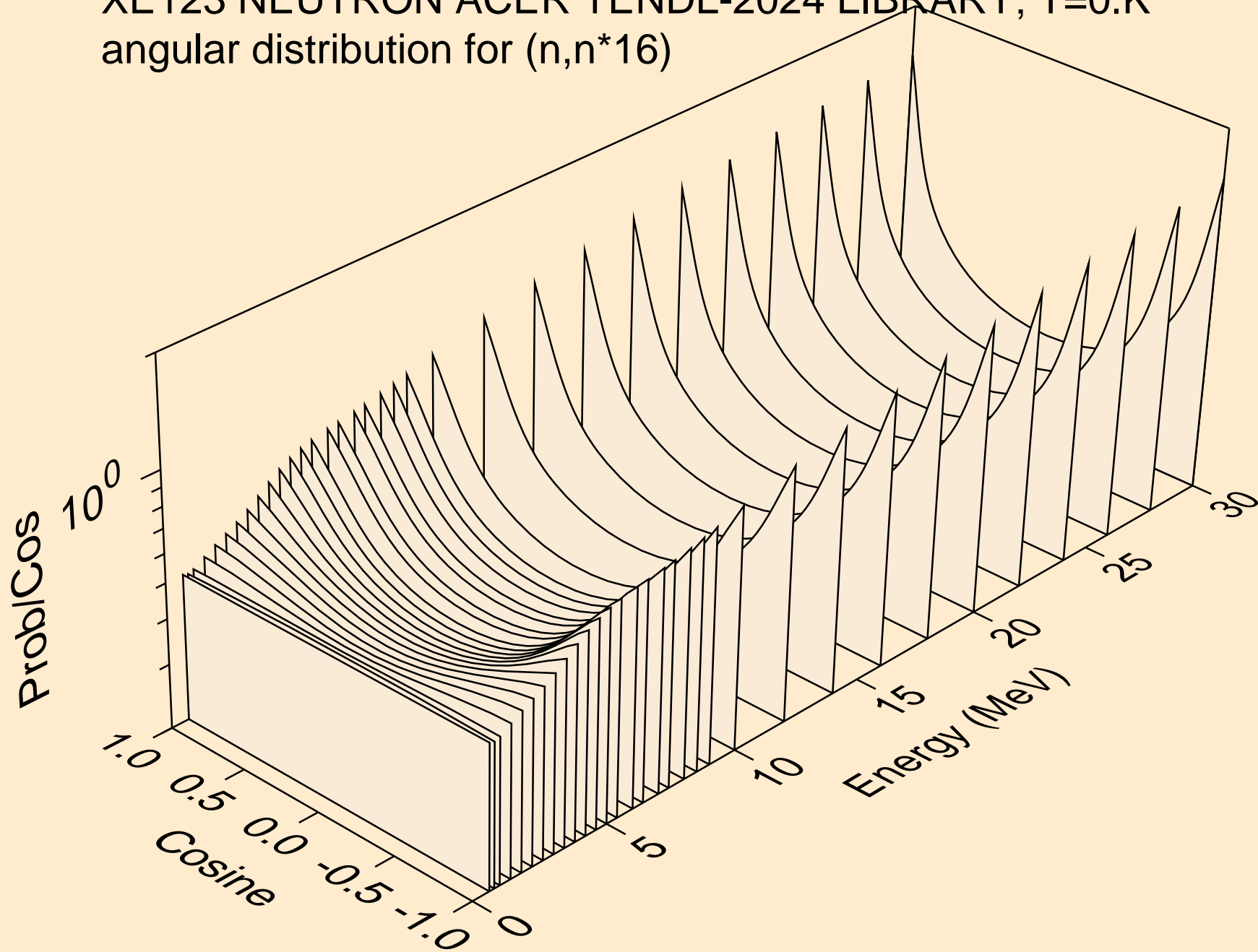
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

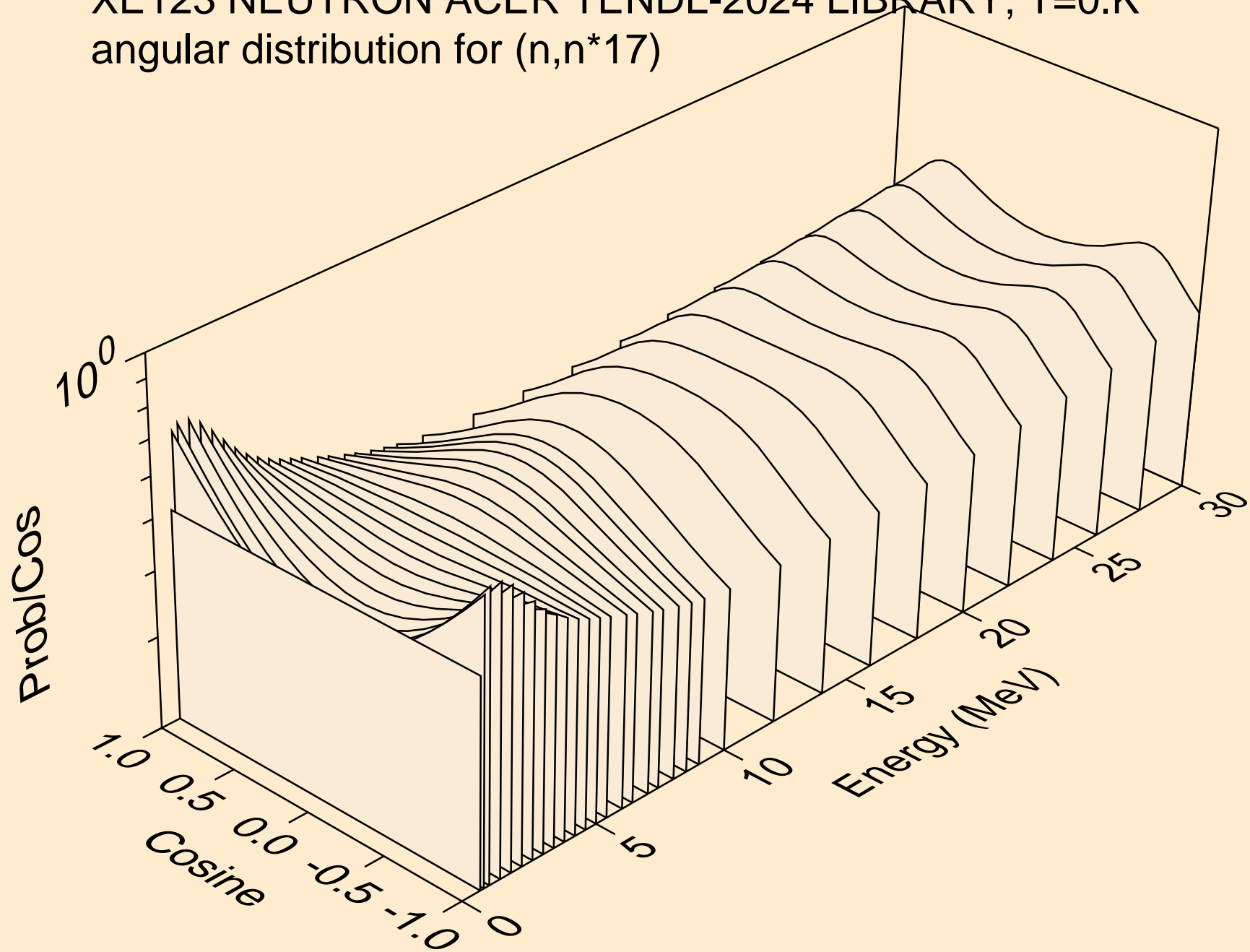


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

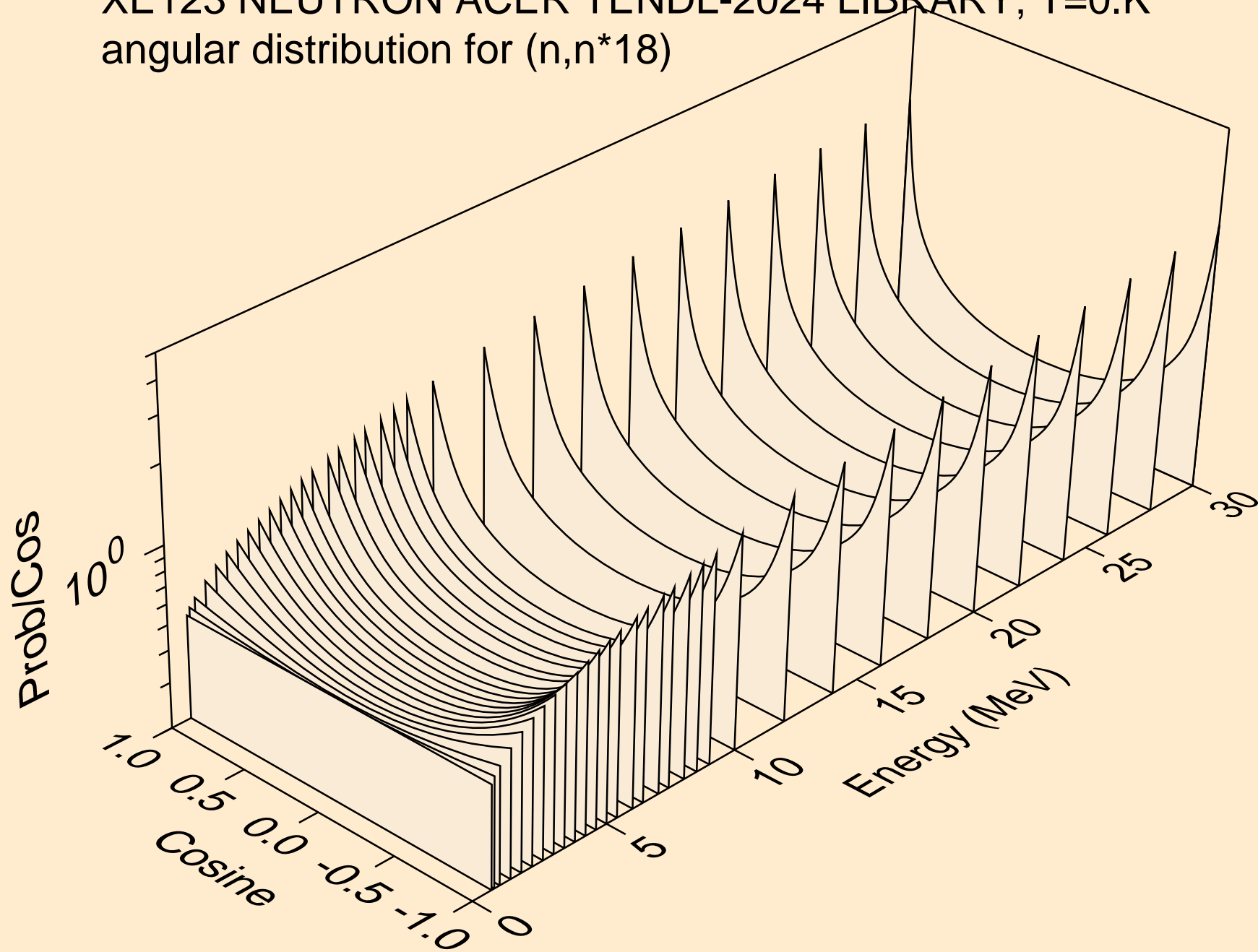




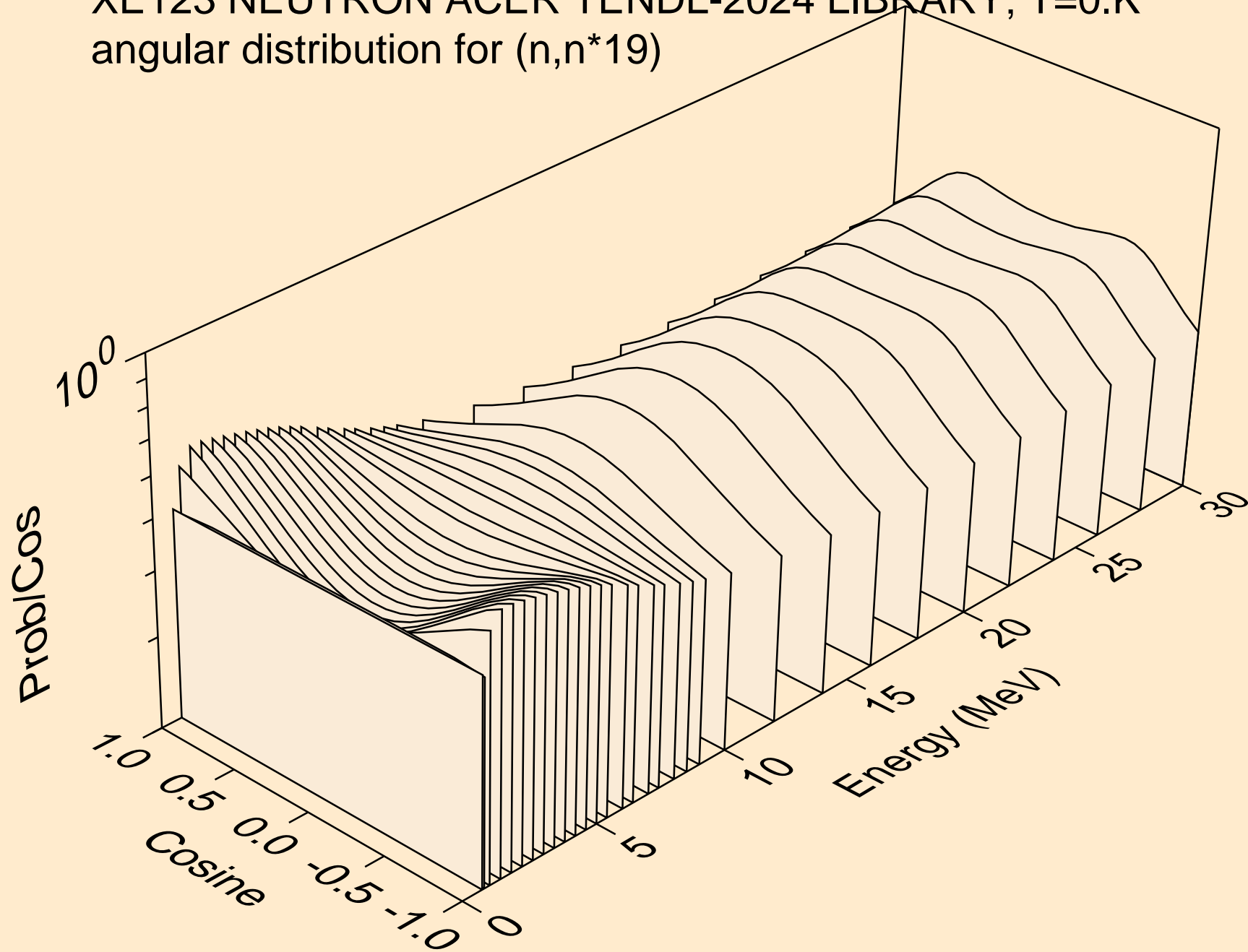
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angular distribution for (n,n\*17)



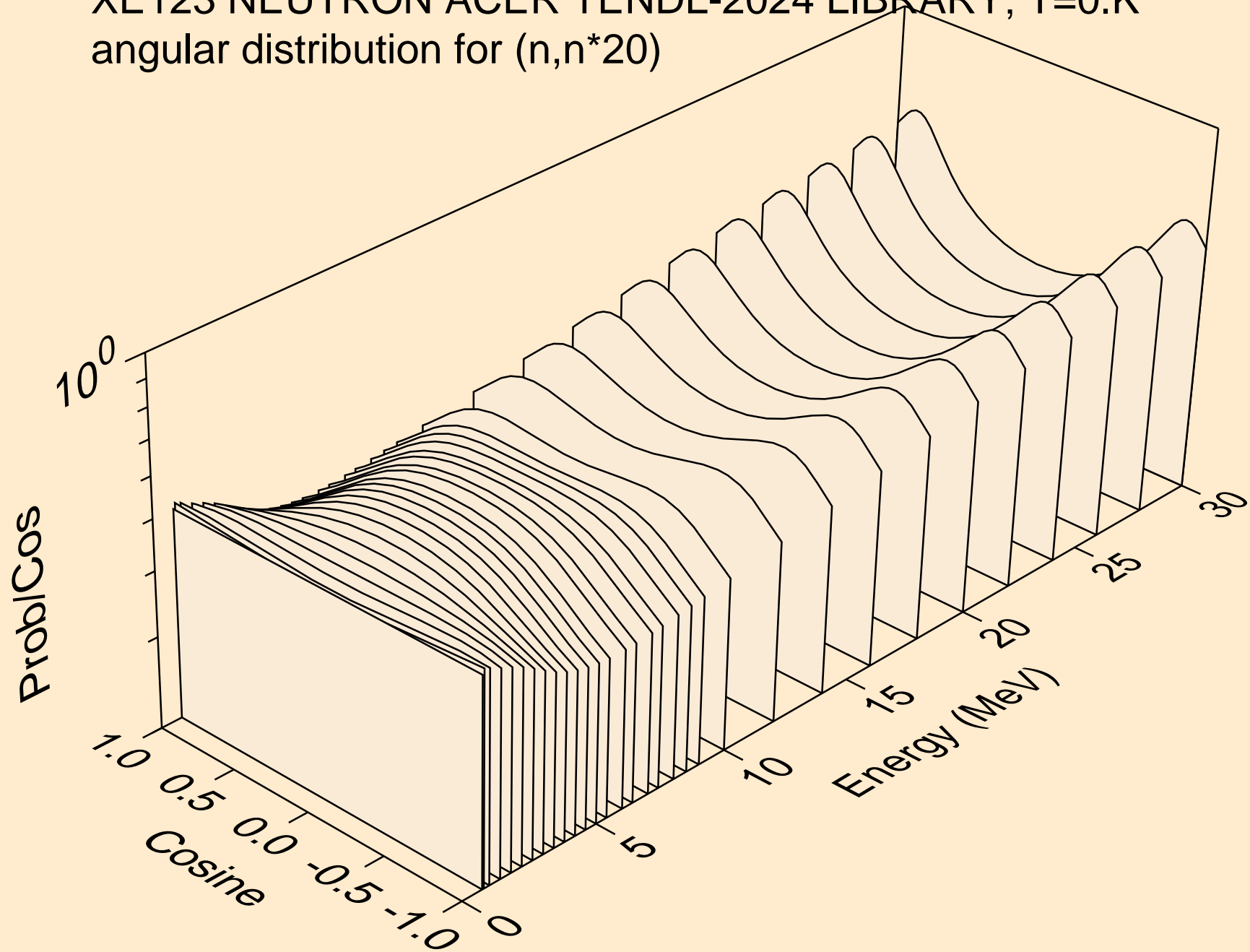
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angular distribution for (n,n\*18)



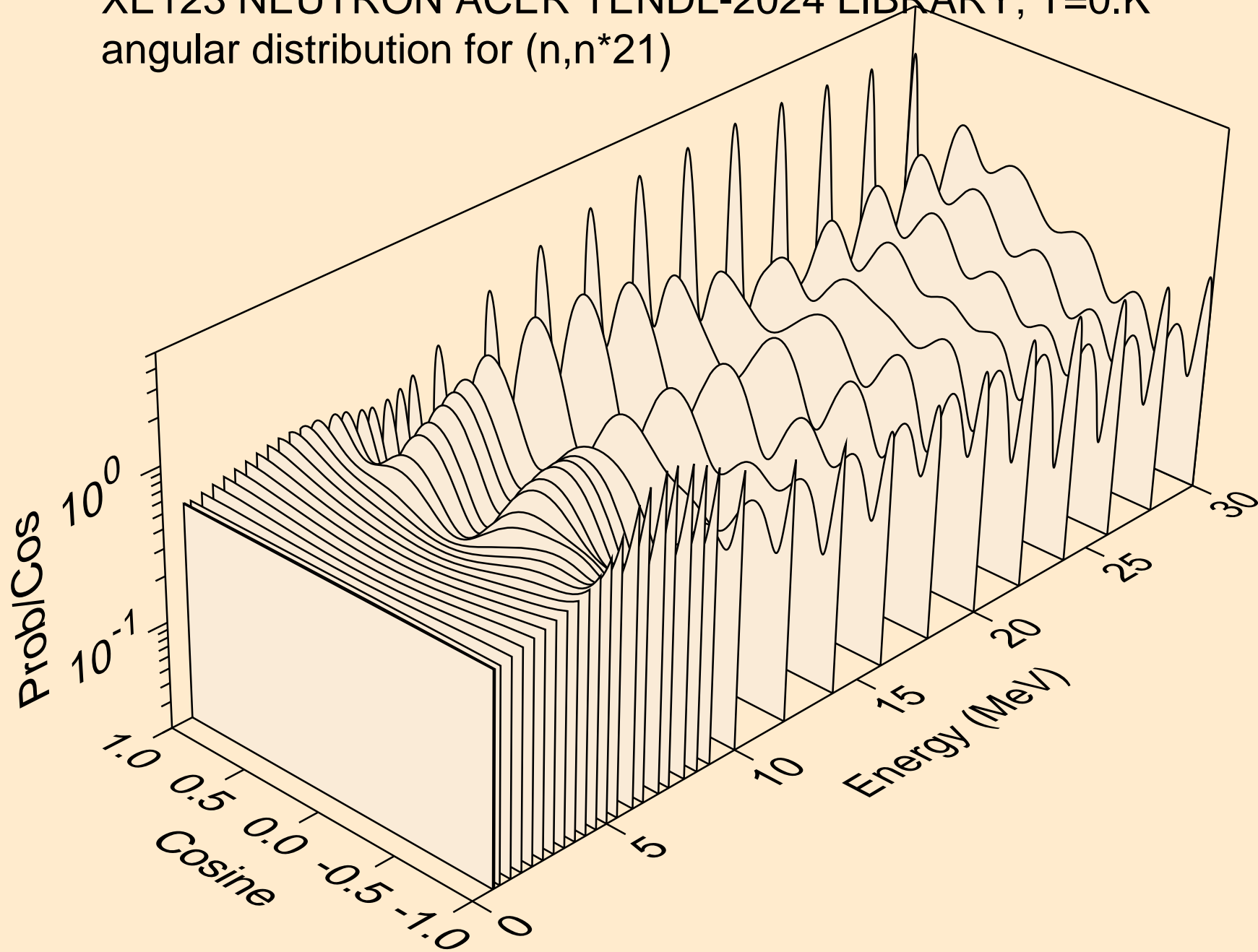
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angular distribution for (n,n\*19)



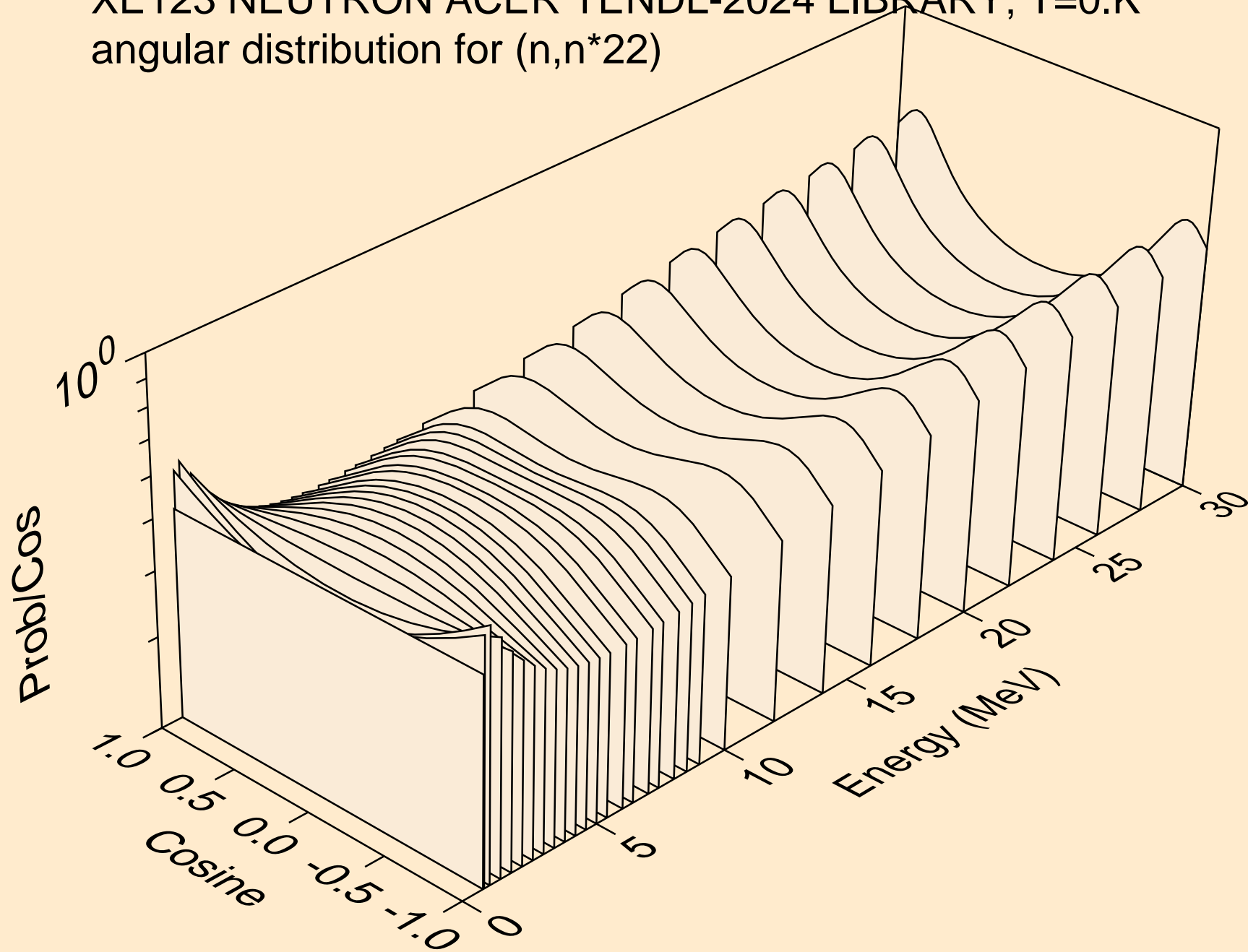
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angular distribution for (n,n\*20)



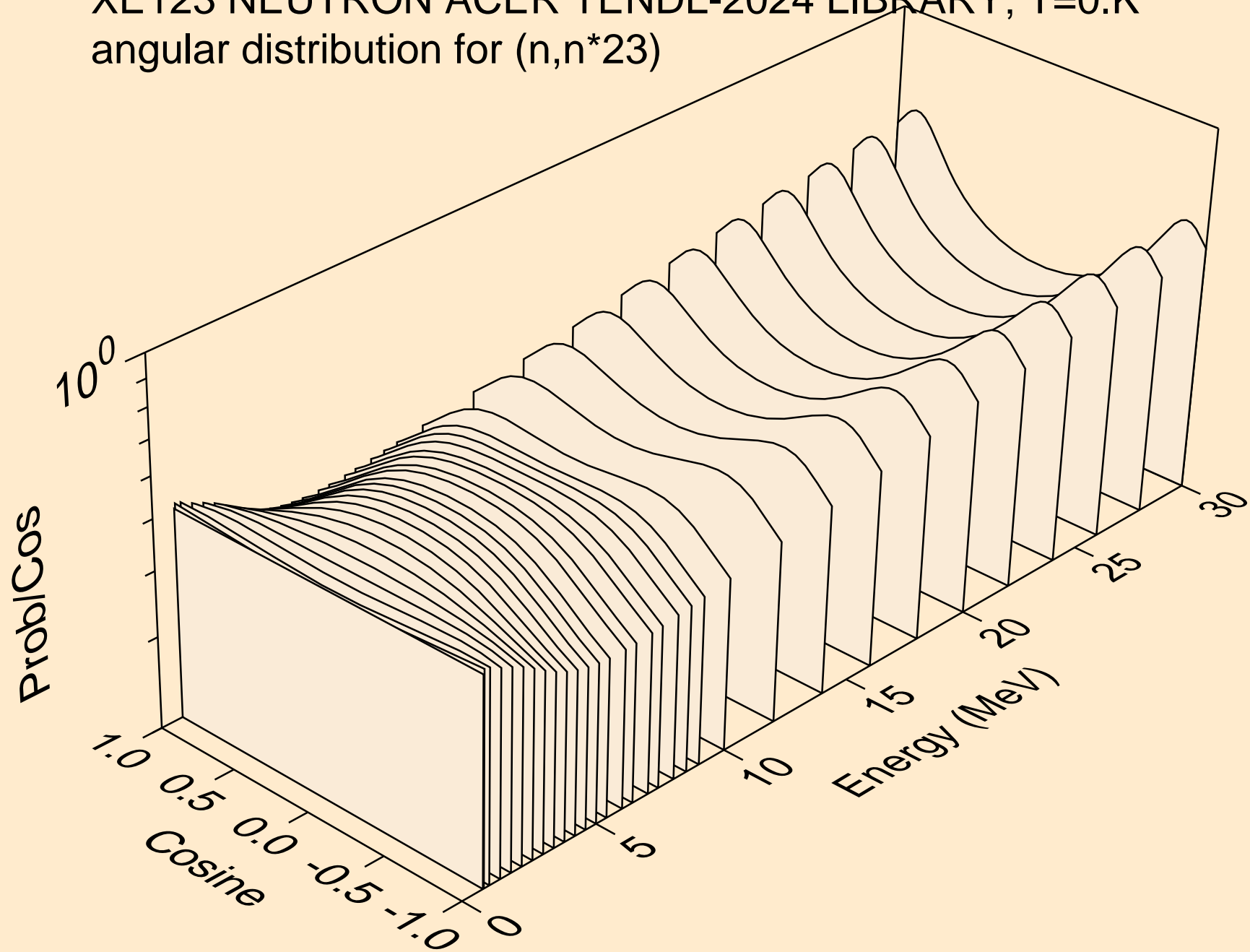
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angular distribution for (n,n\*21)



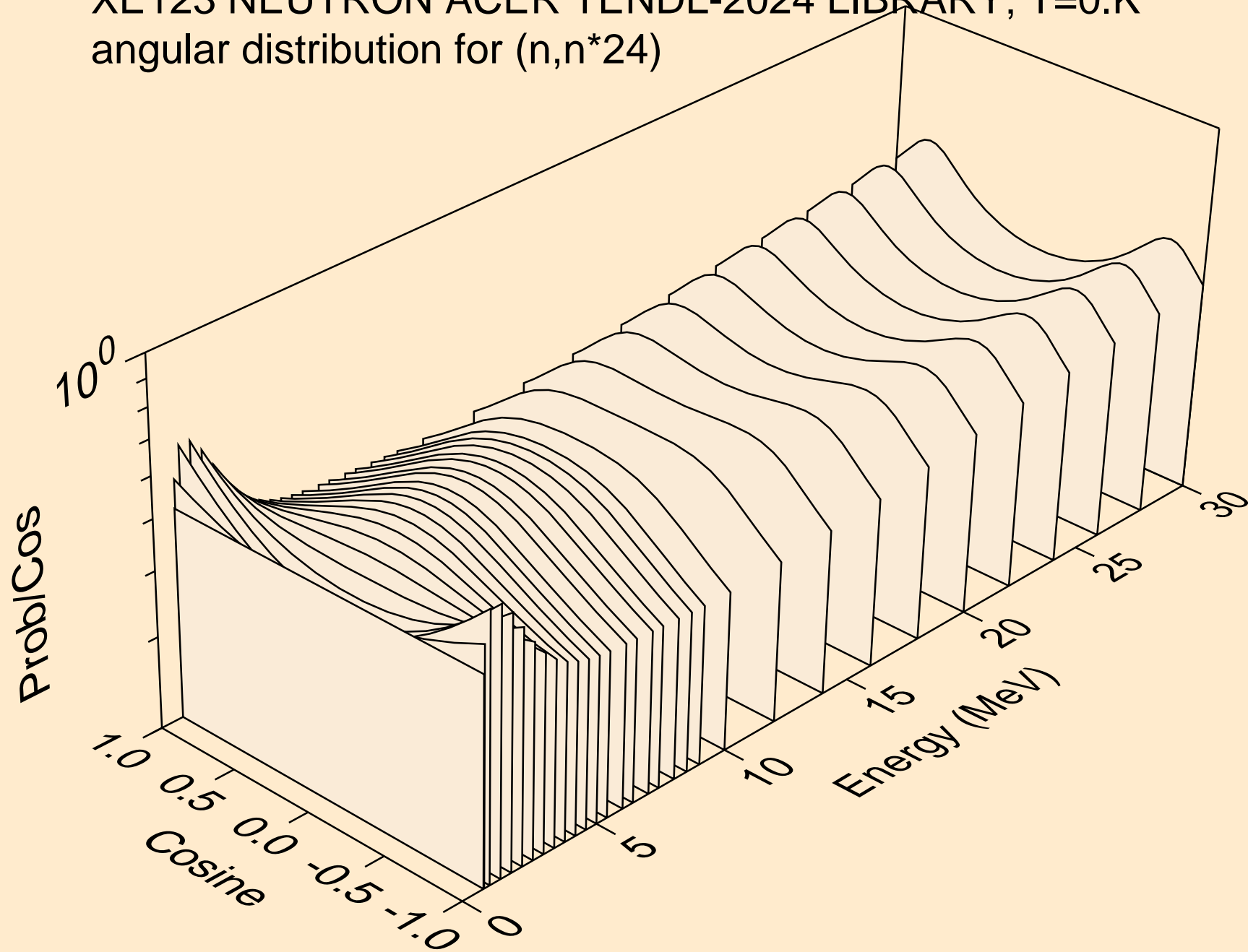
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

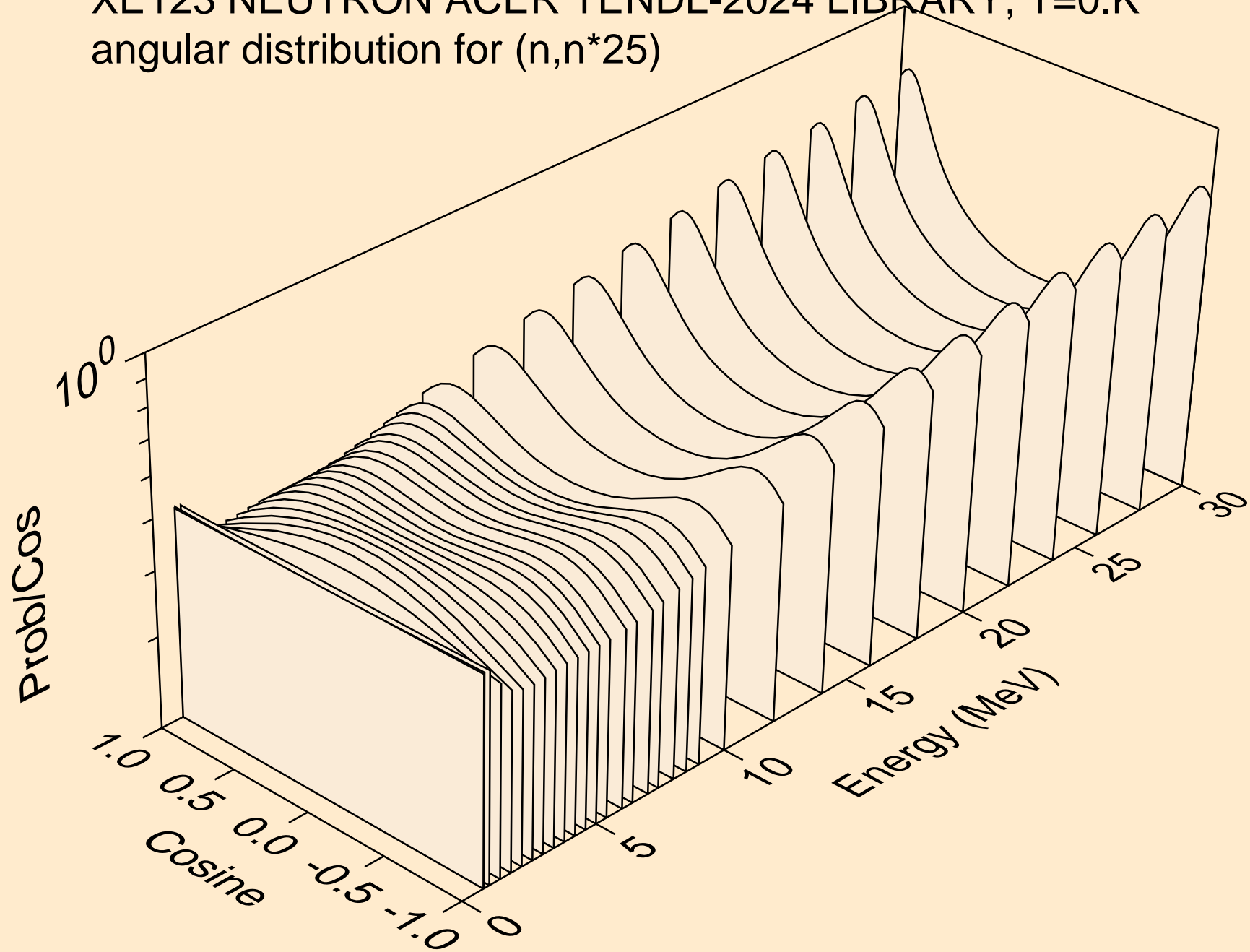


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

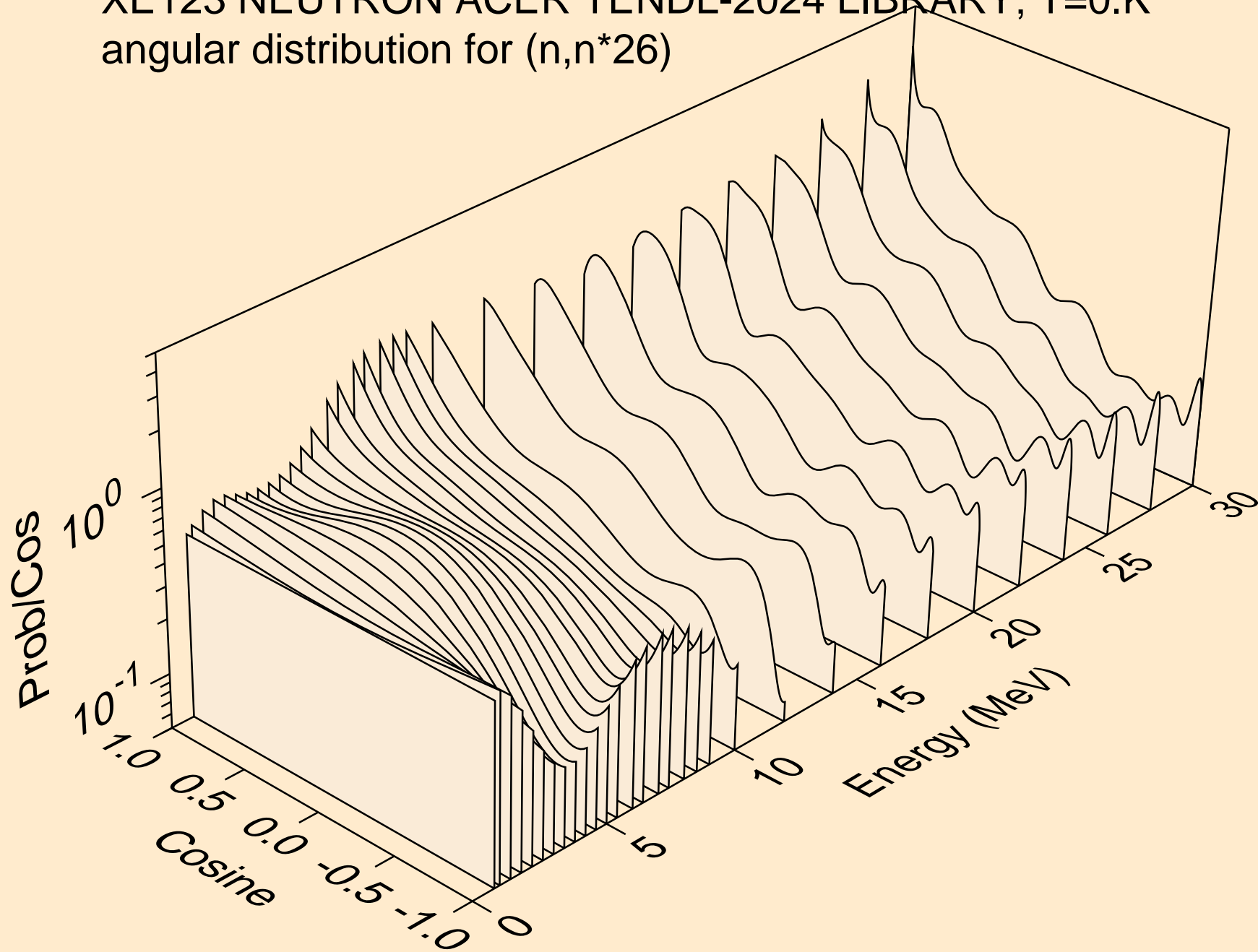




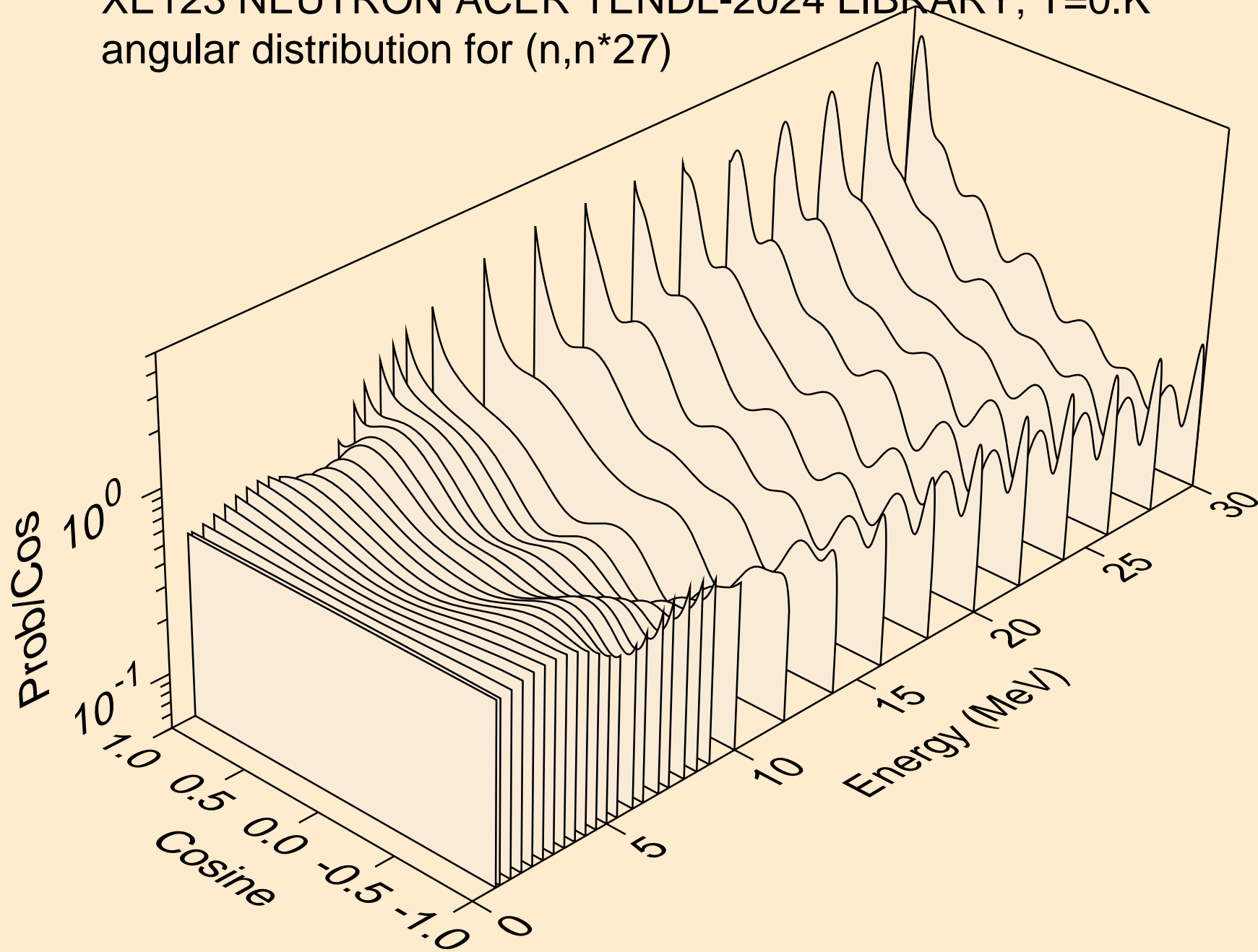
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



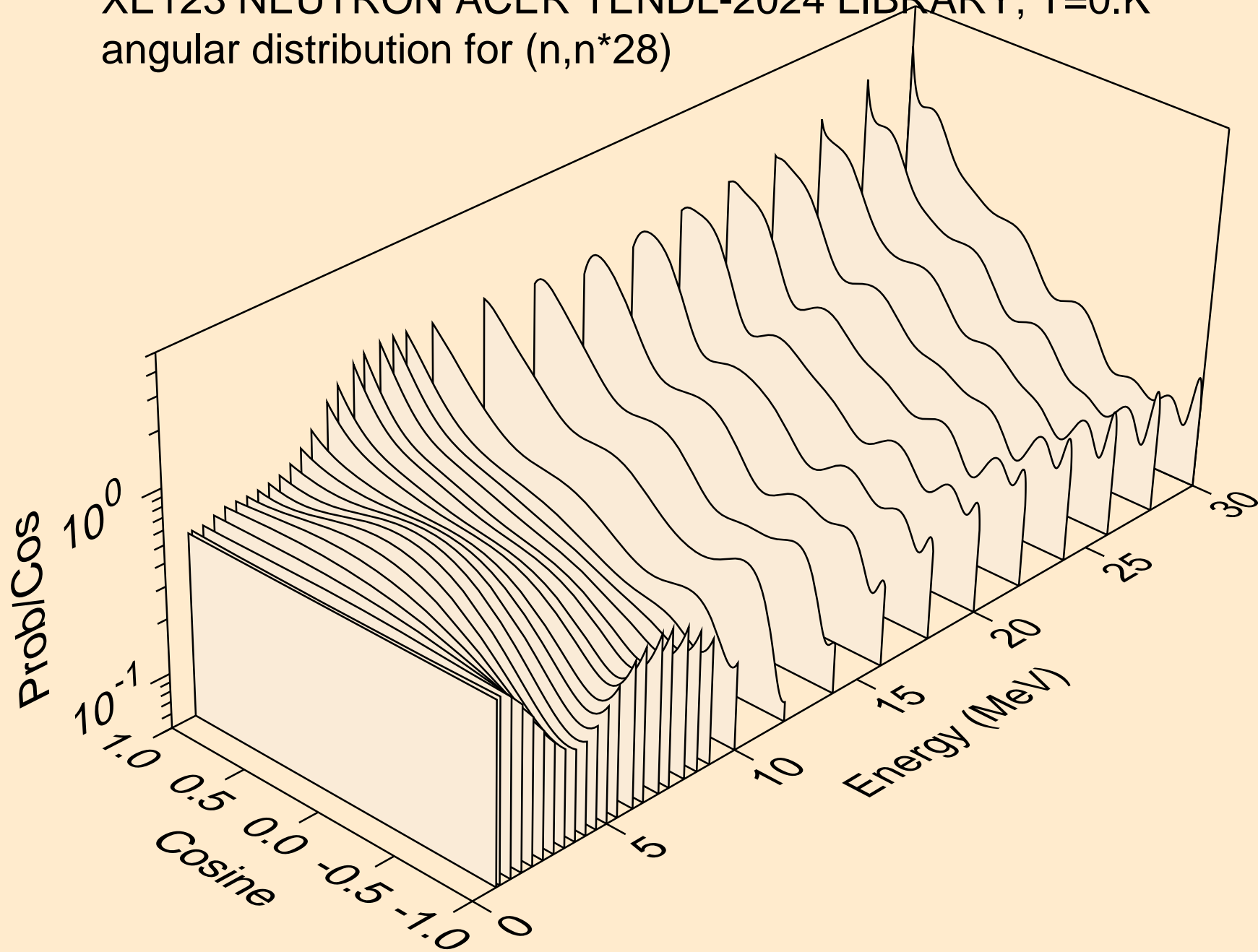
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angular distribution for (n,n\*26)



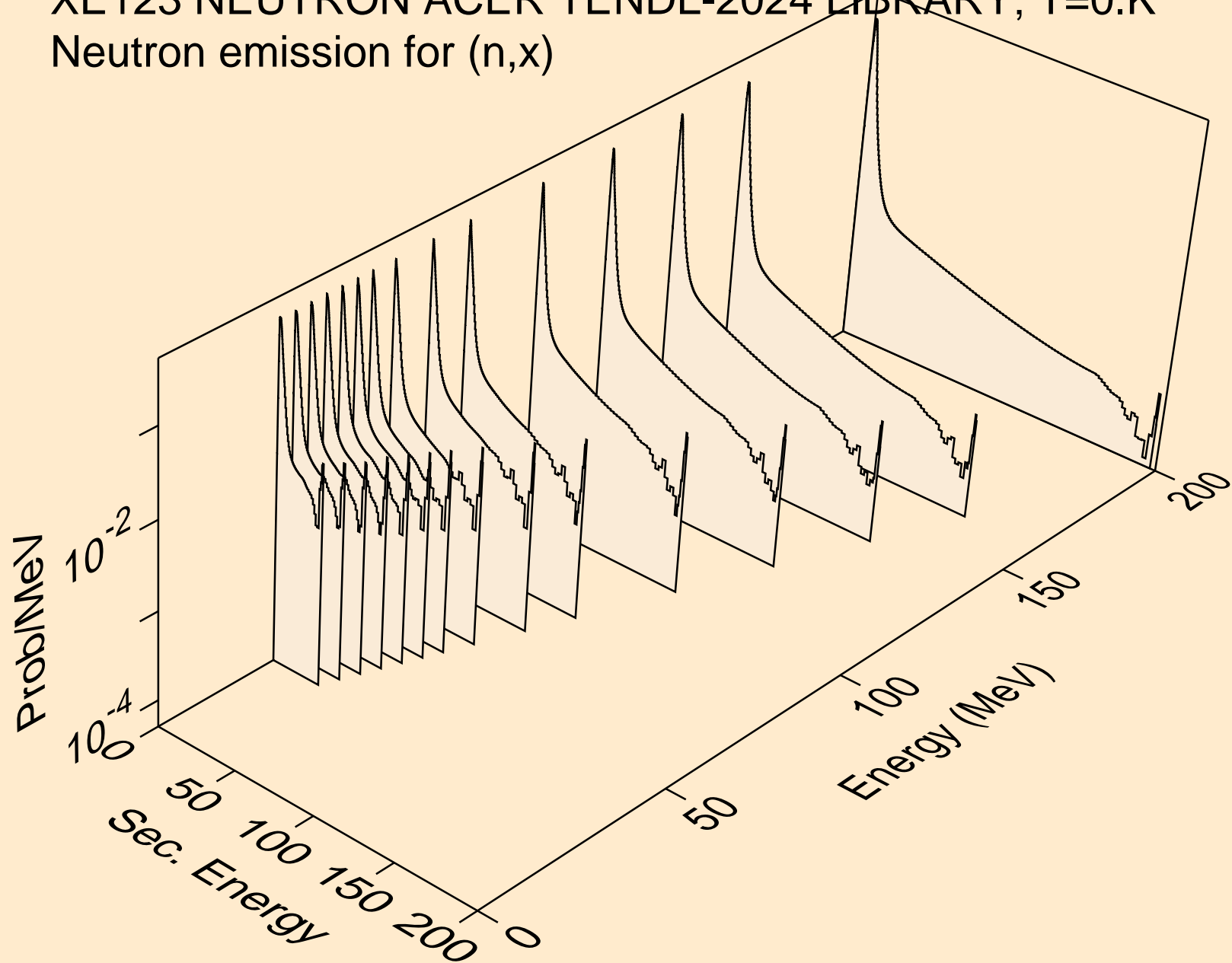
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



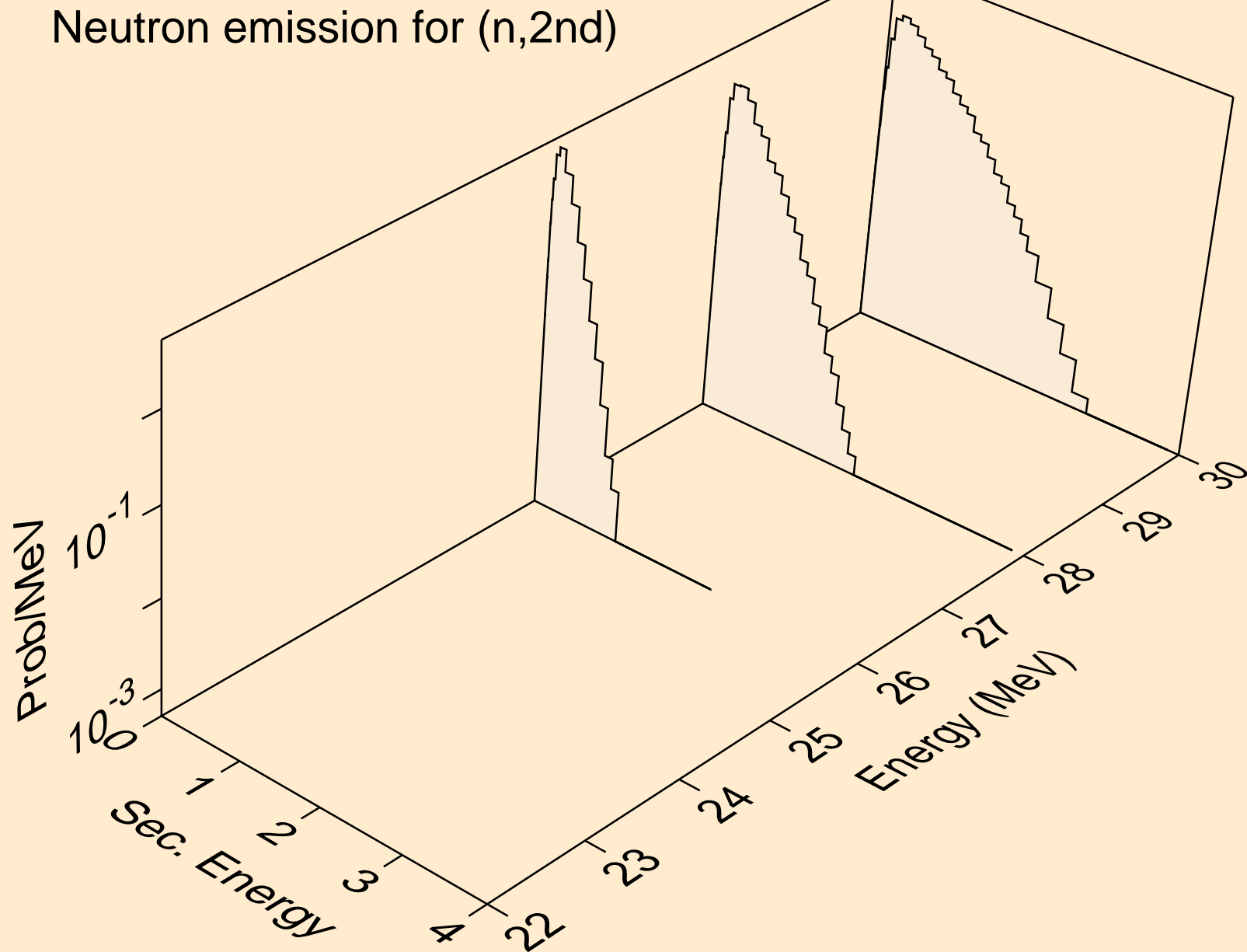
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



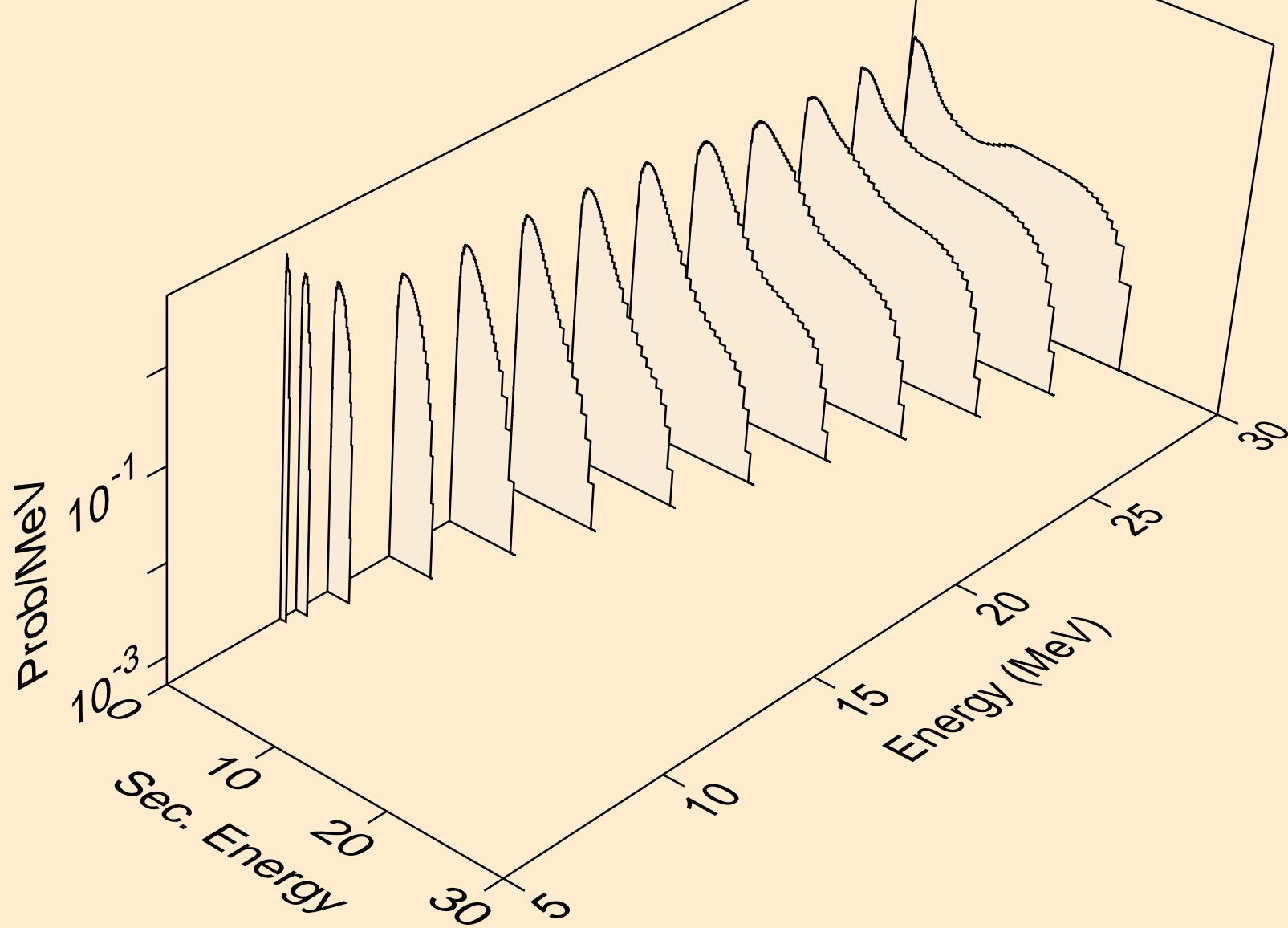
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



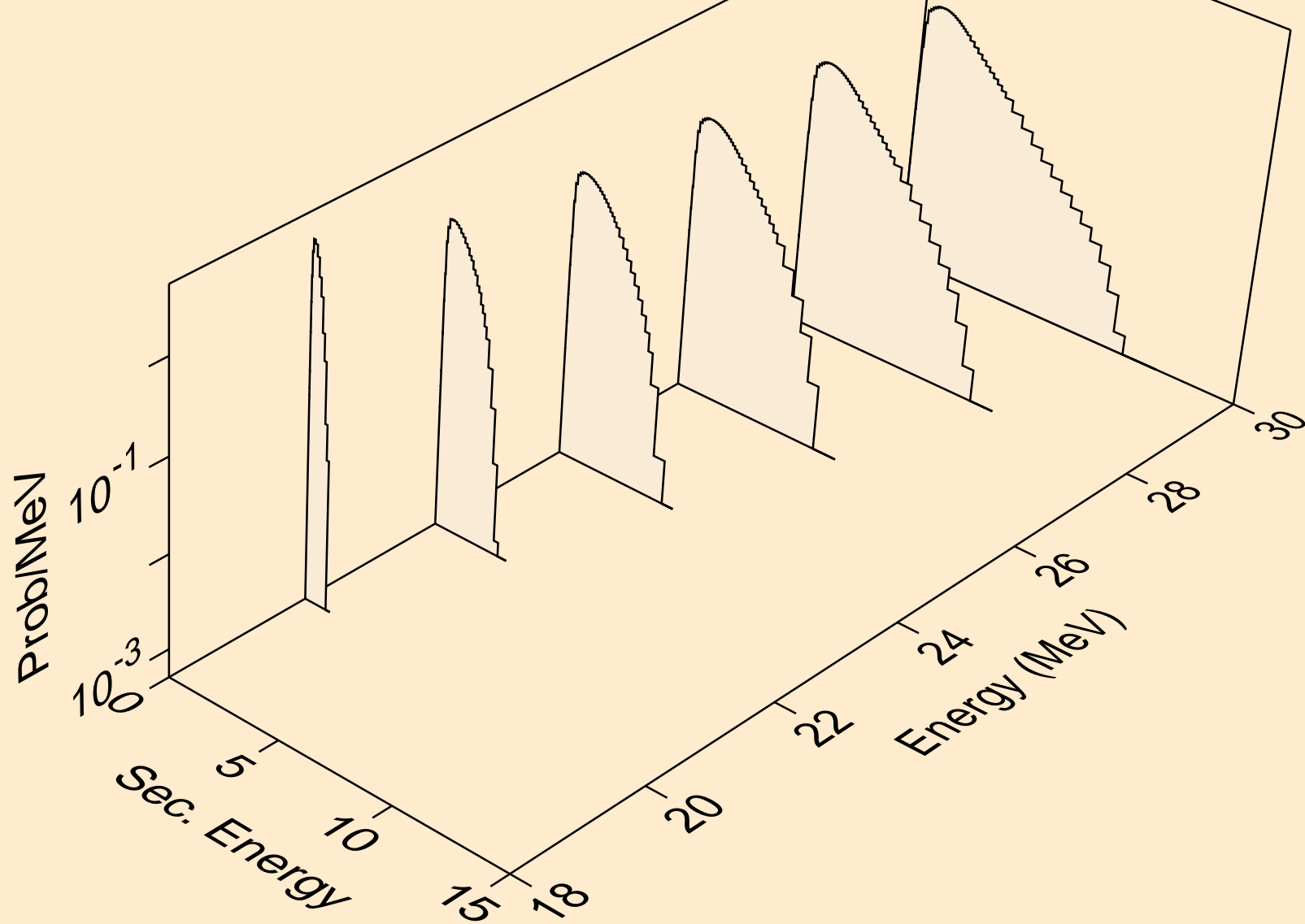
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

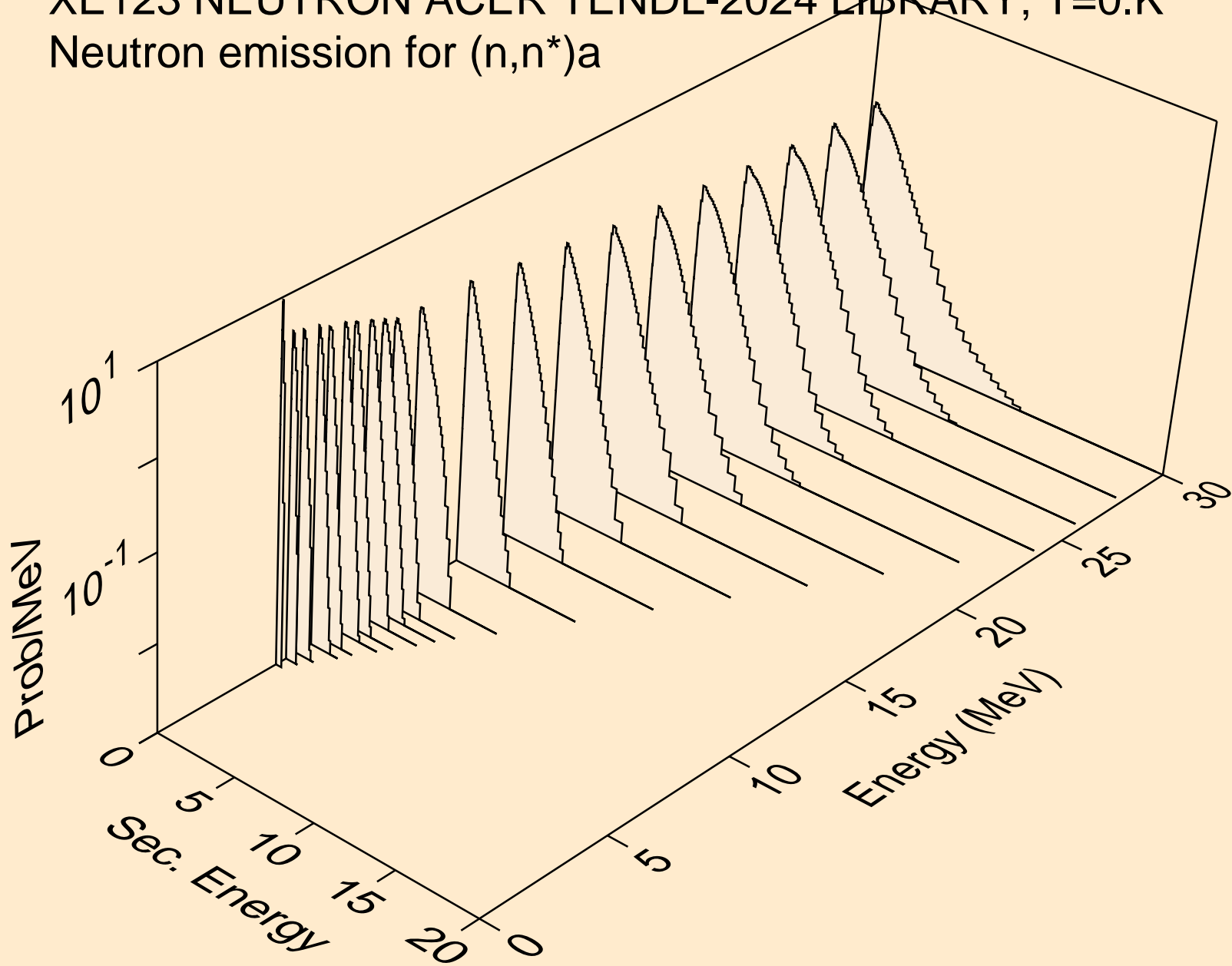


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

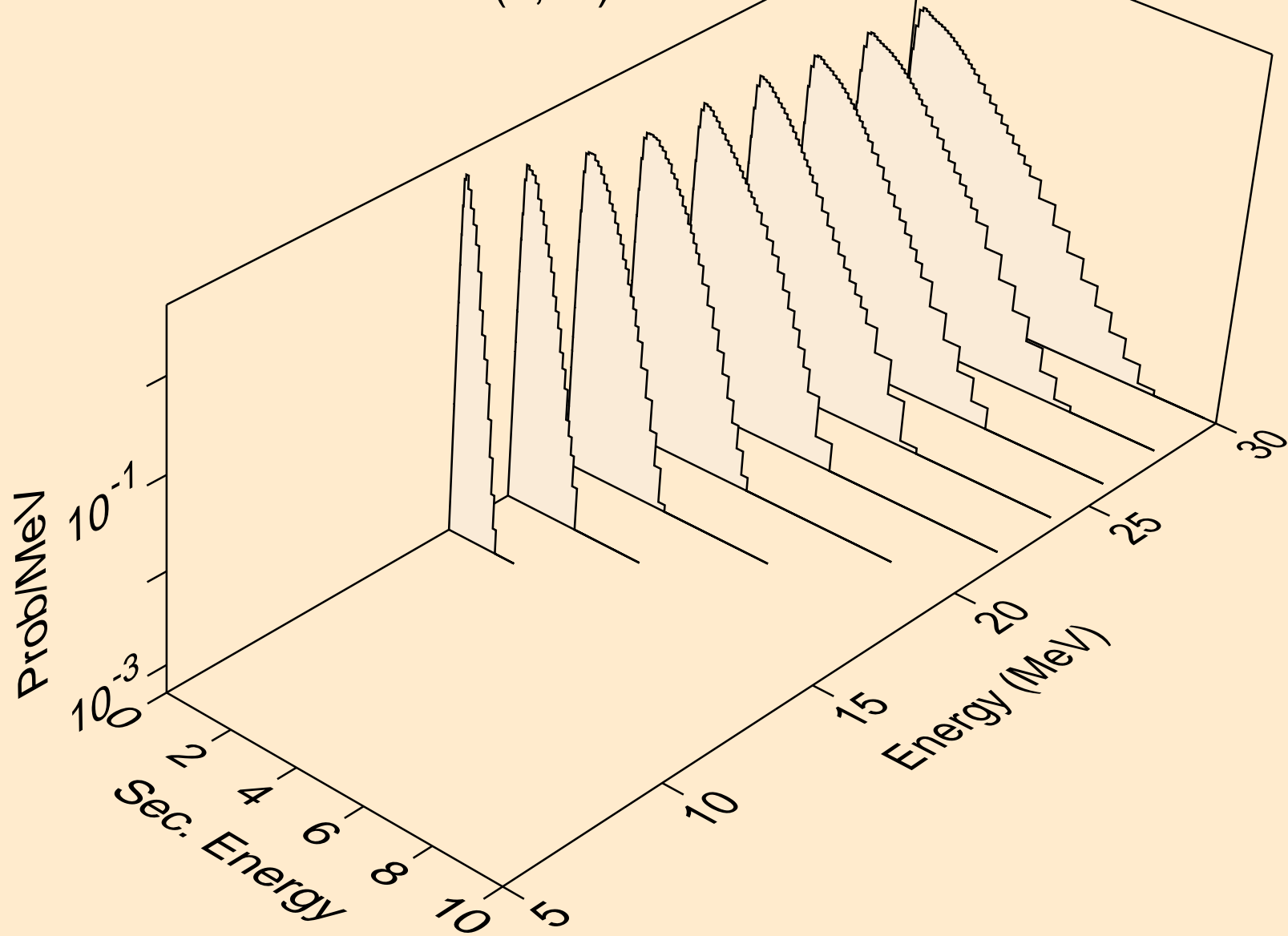




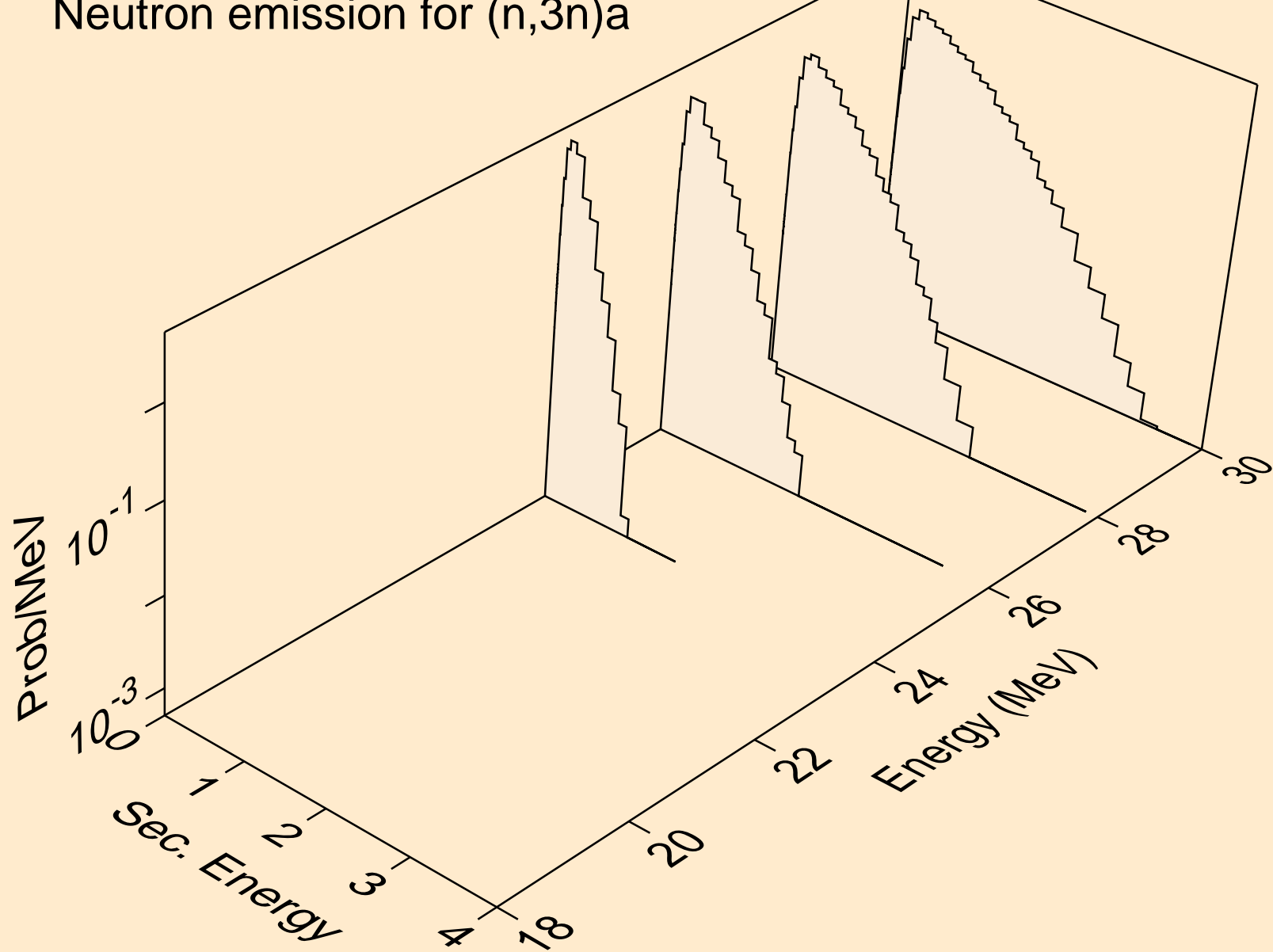
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



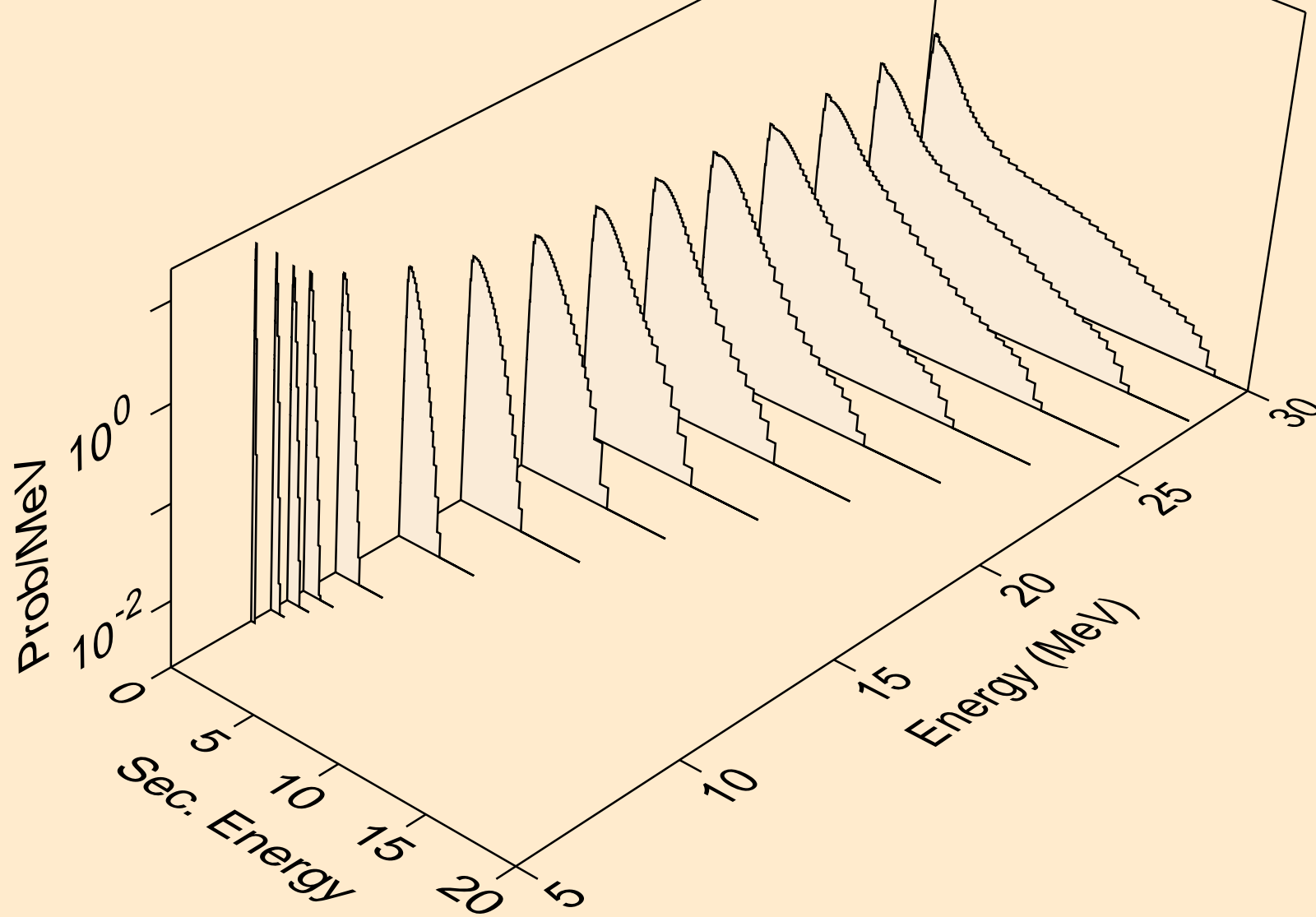
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



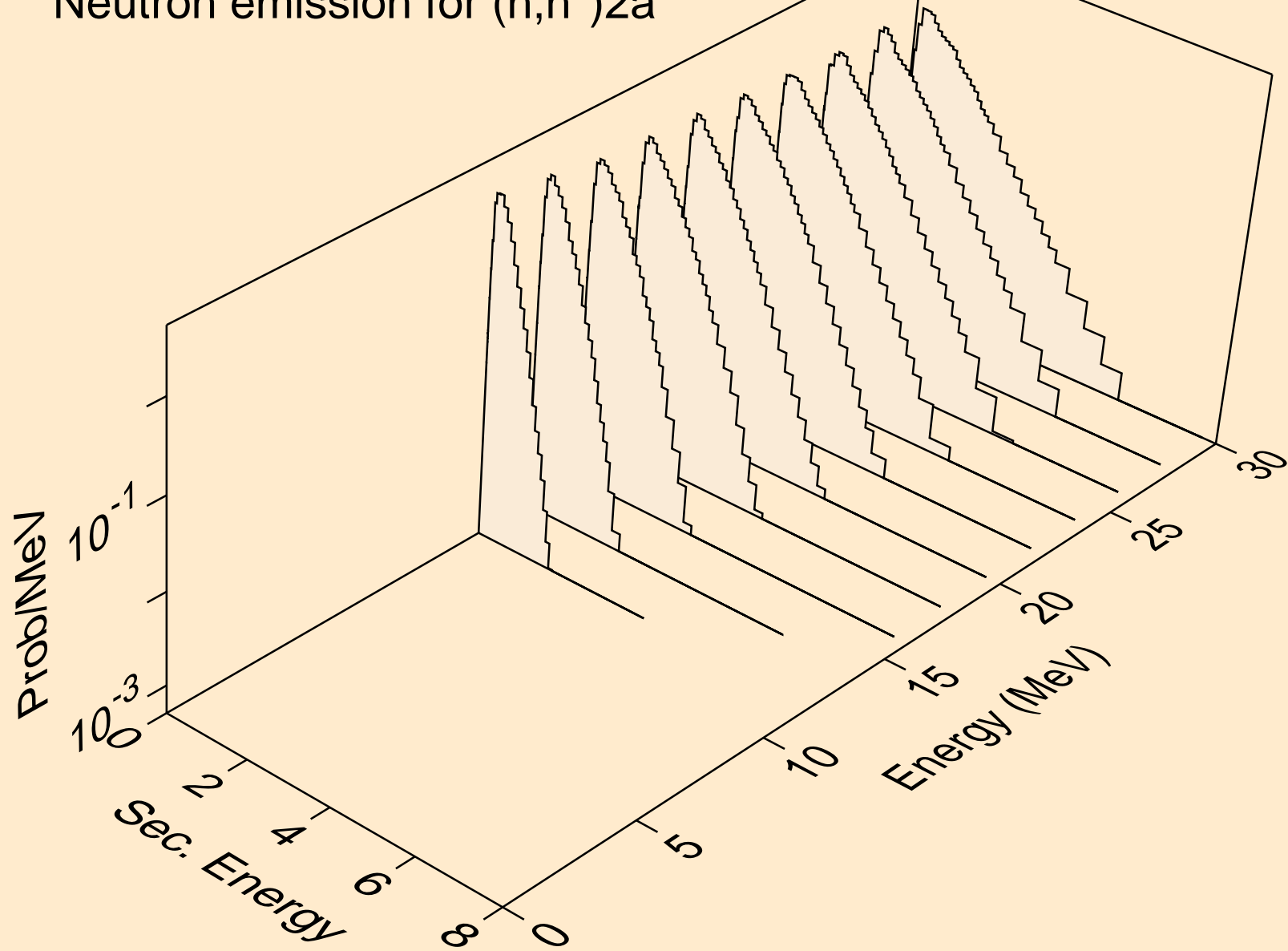
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



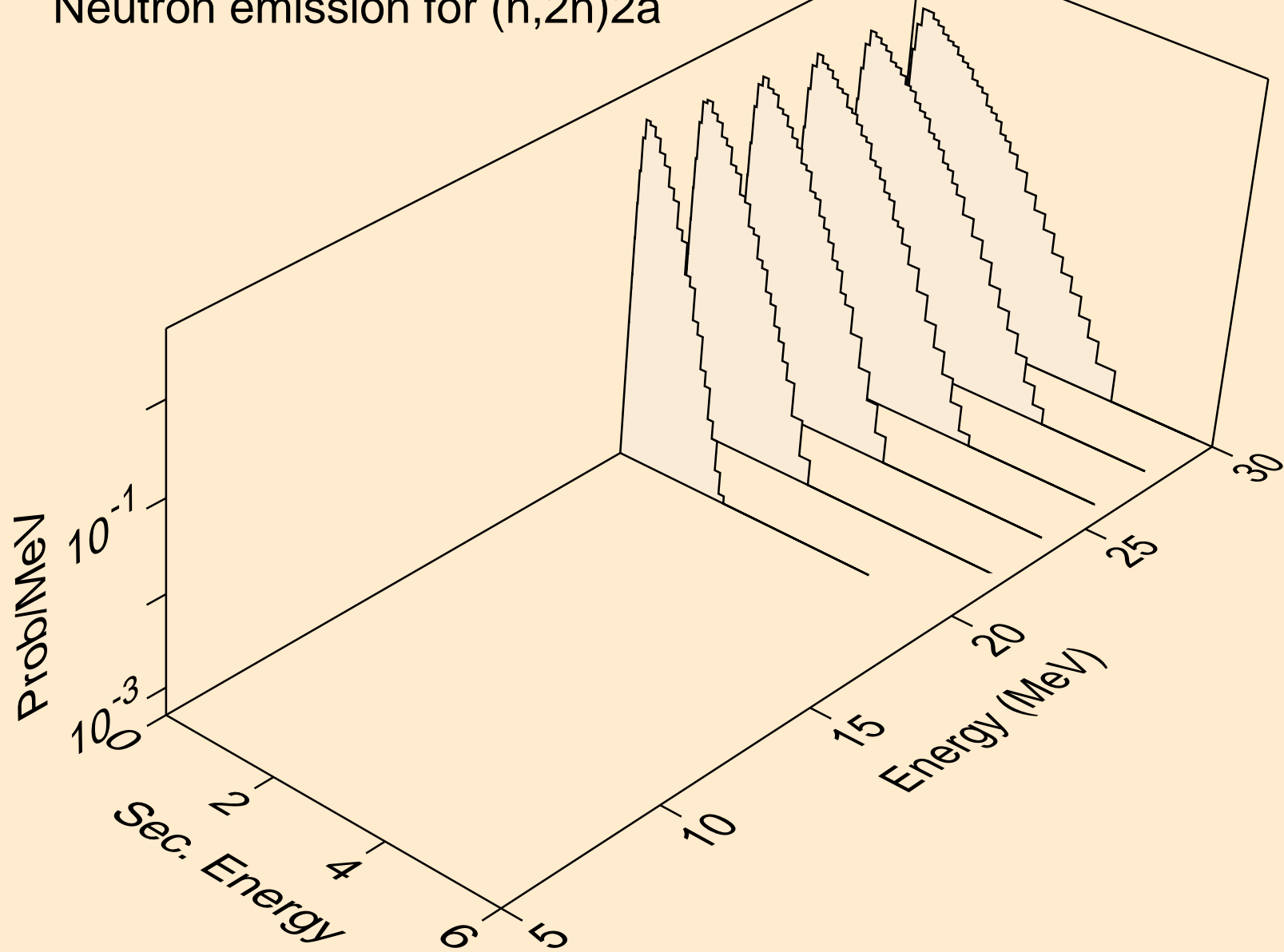
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



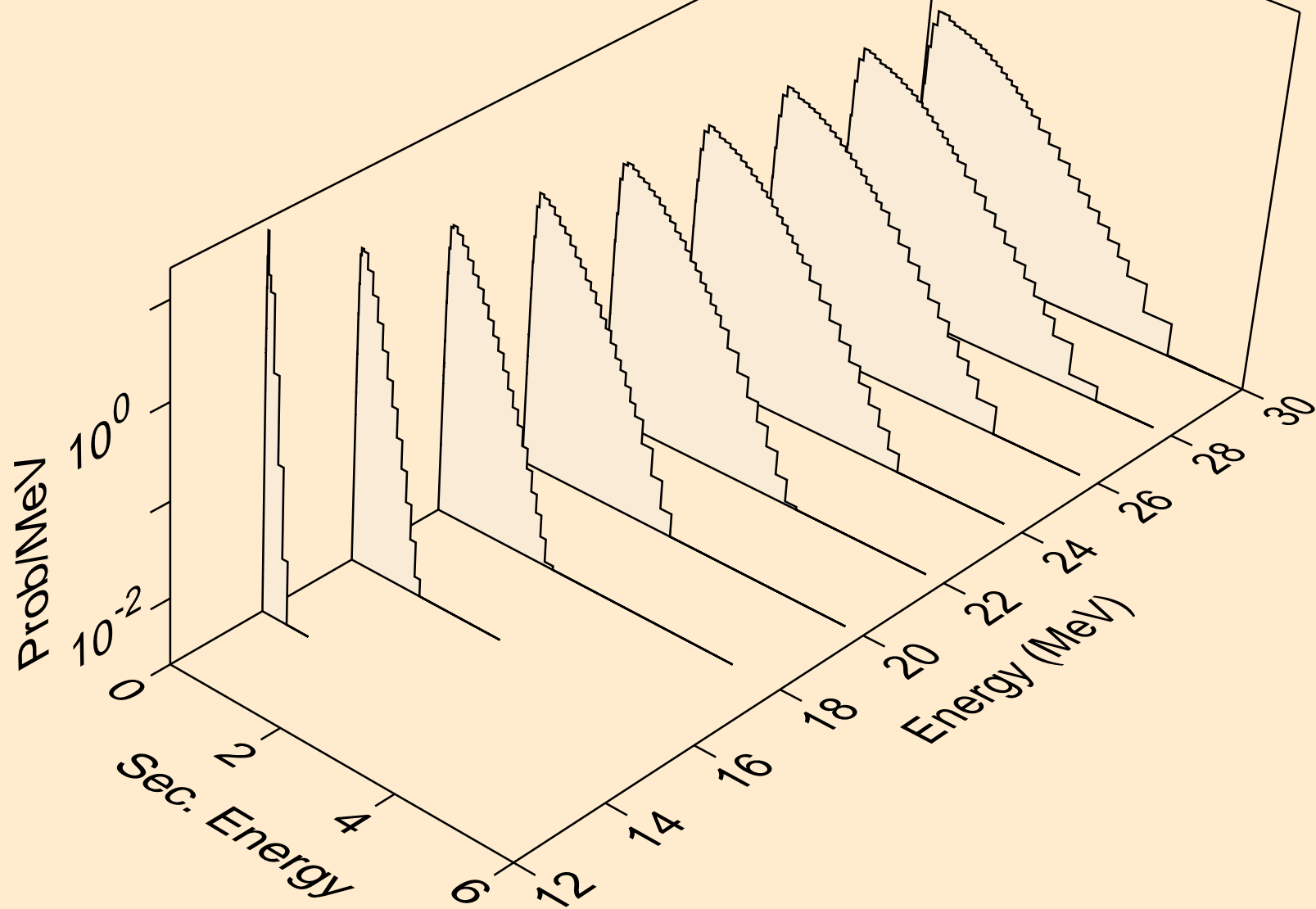
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



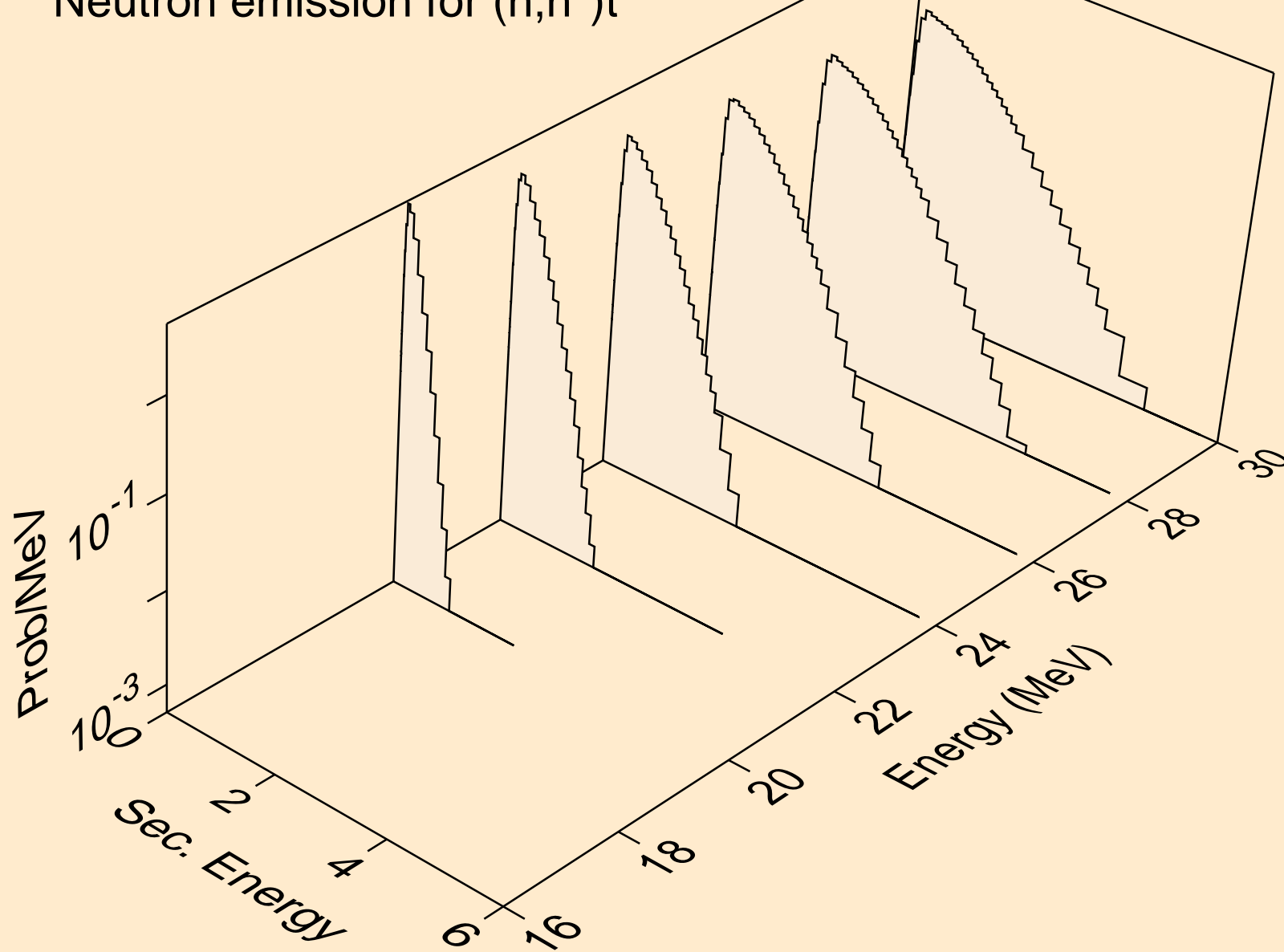
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

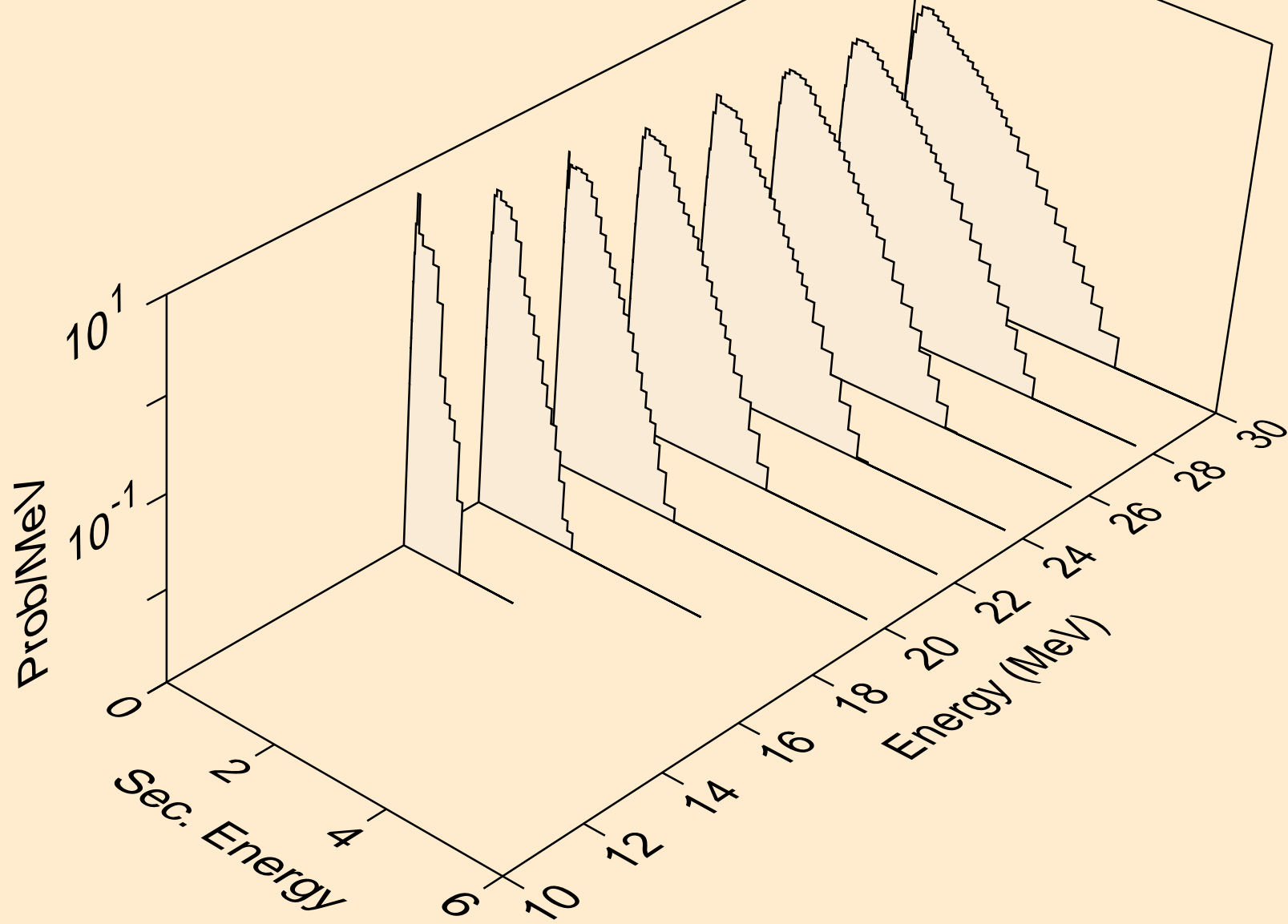


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

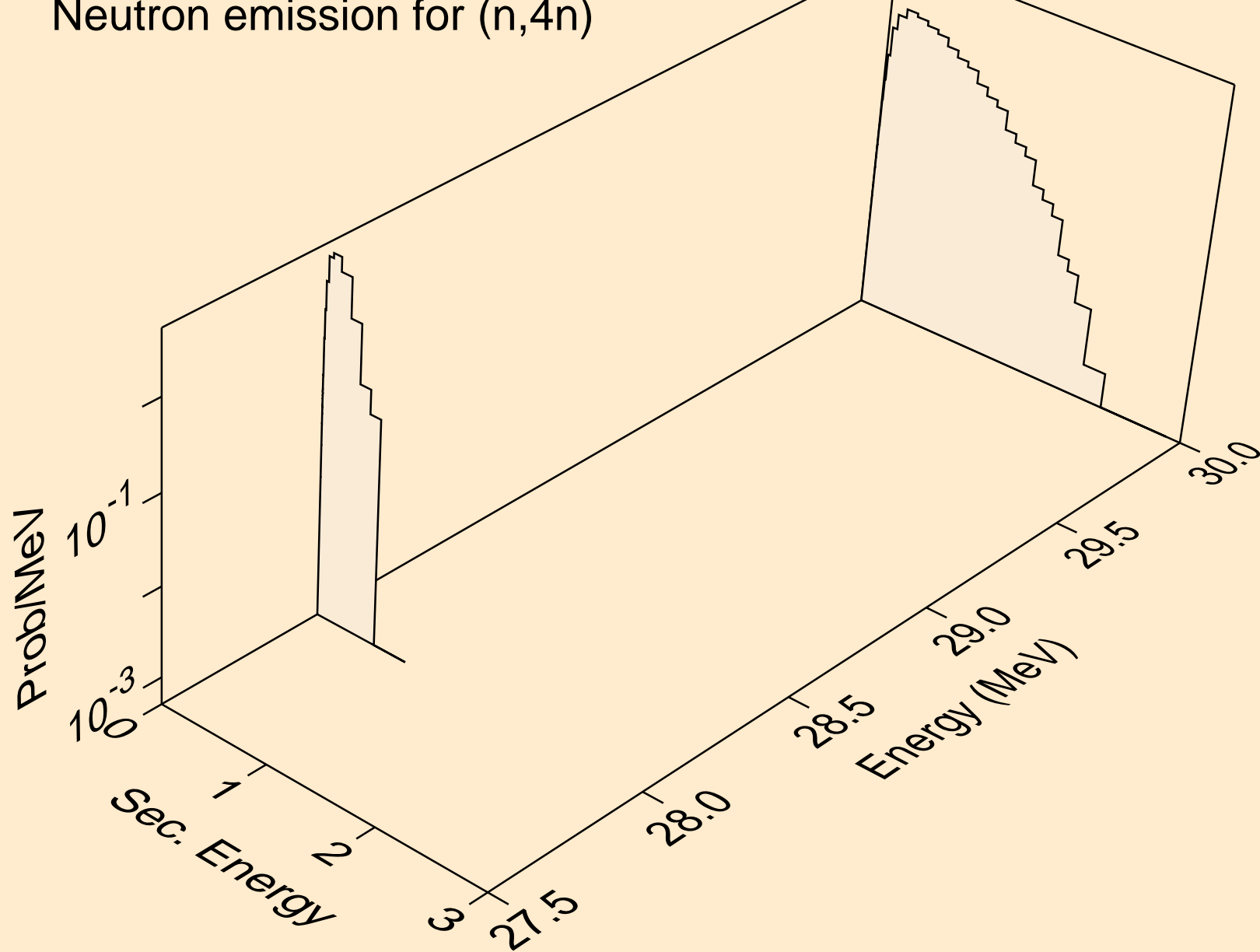




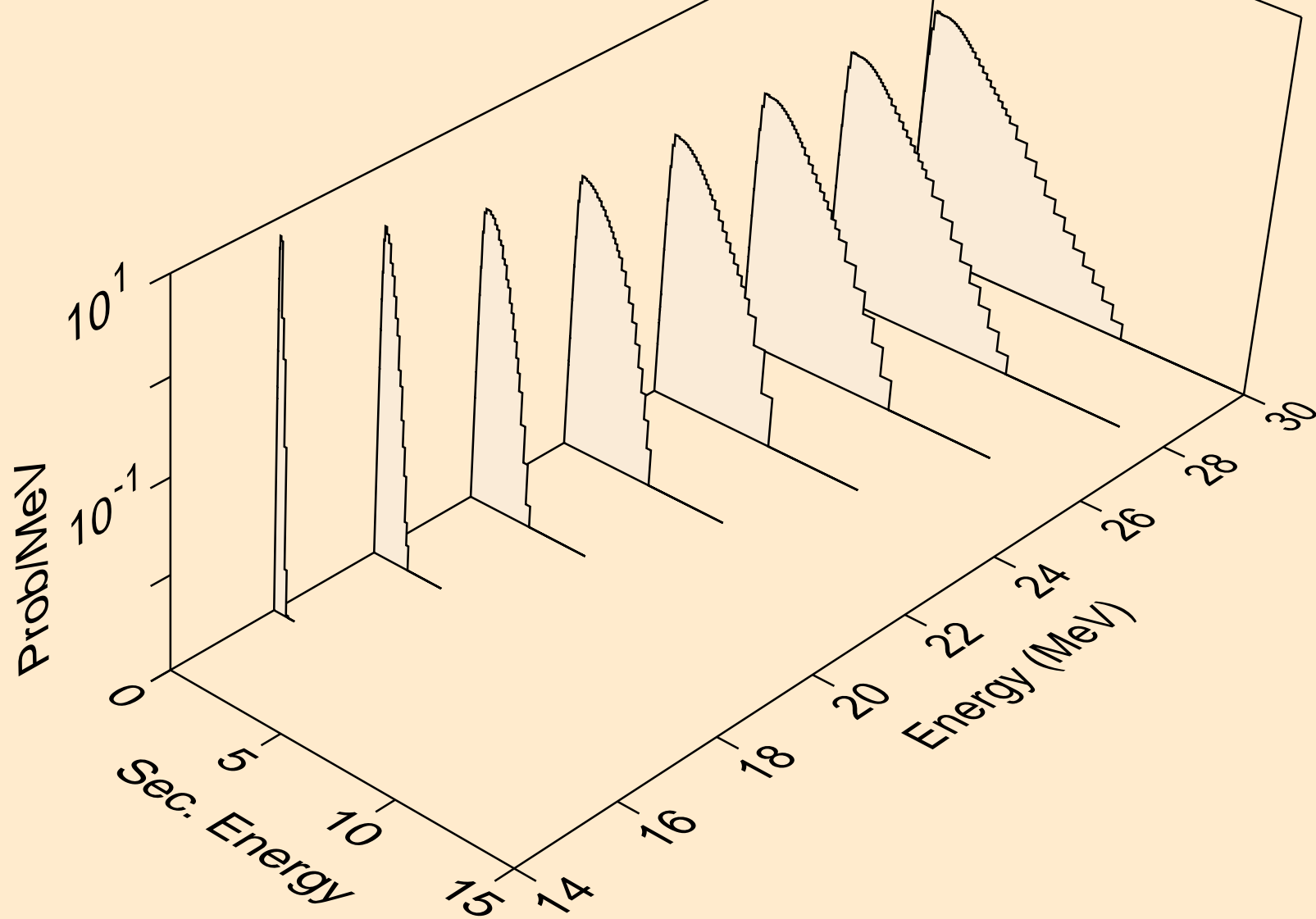
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



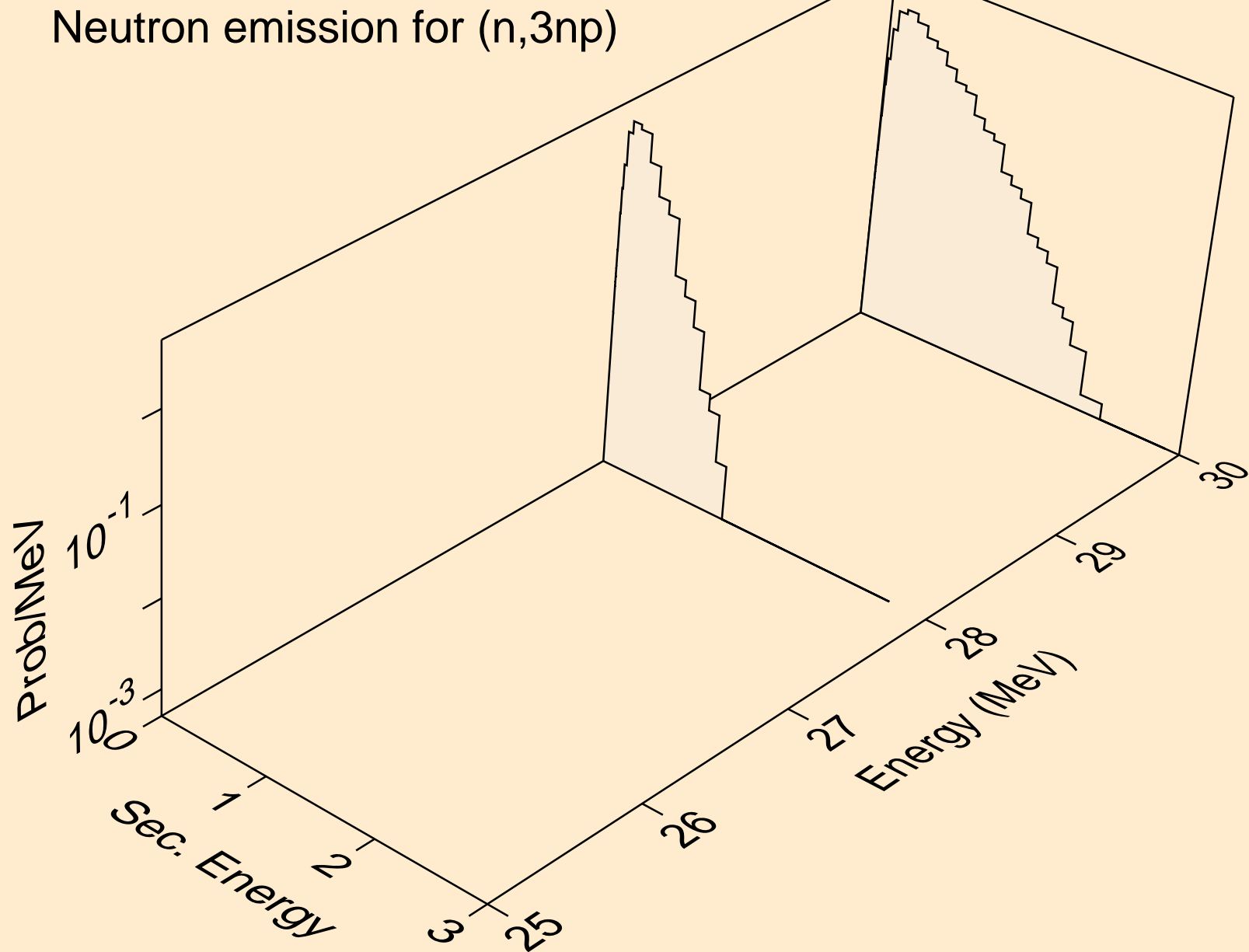
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



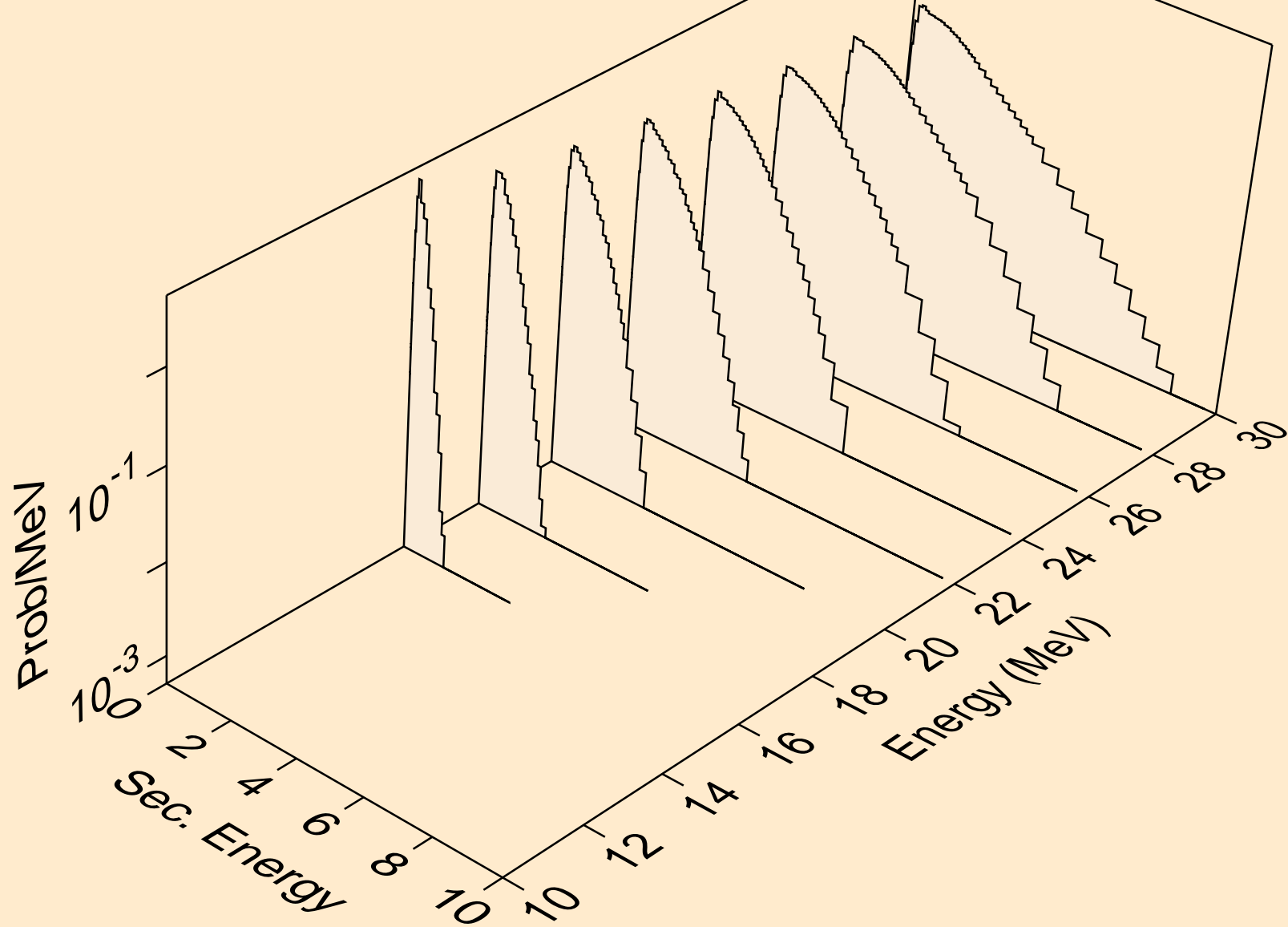
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



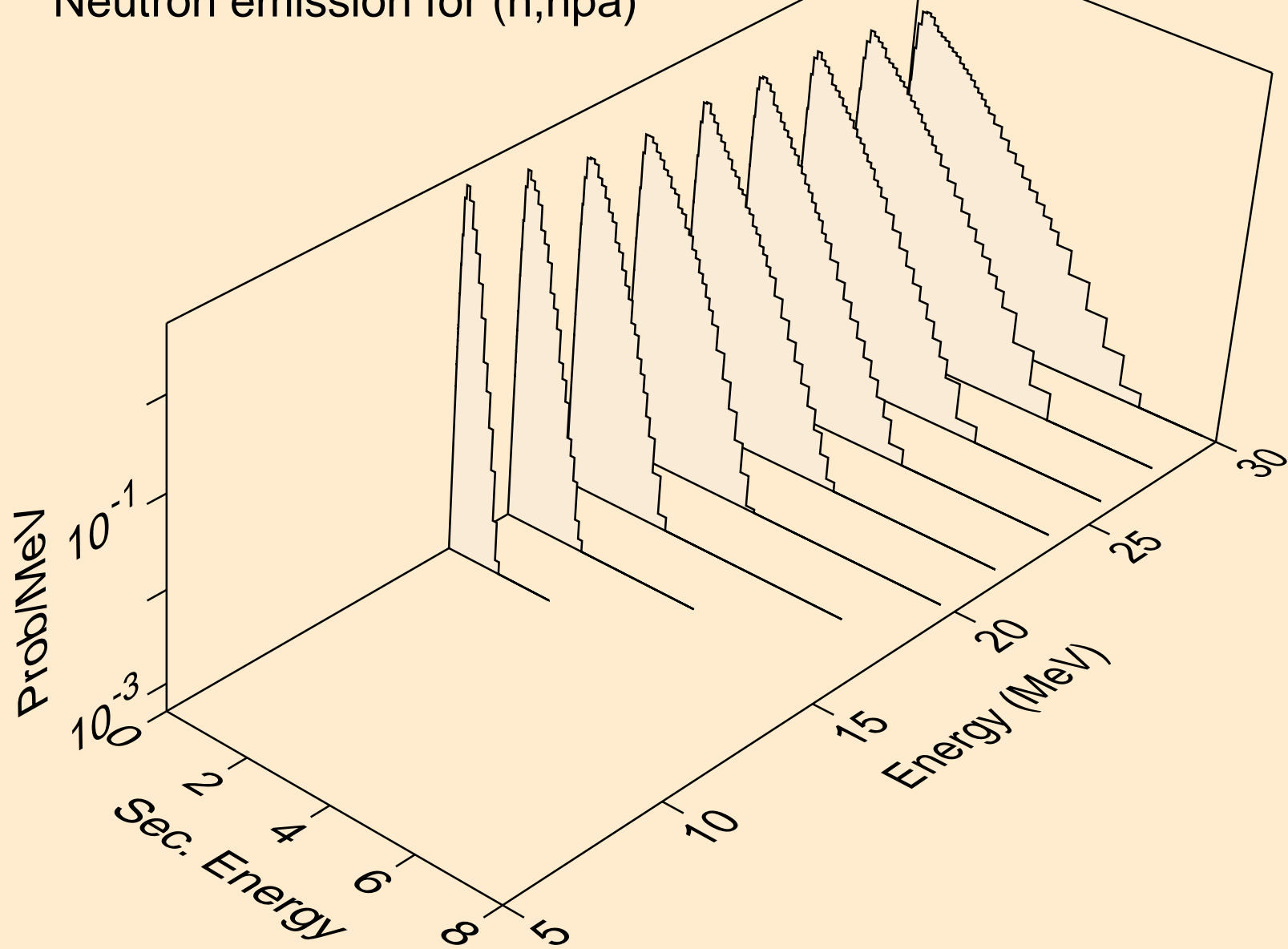
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



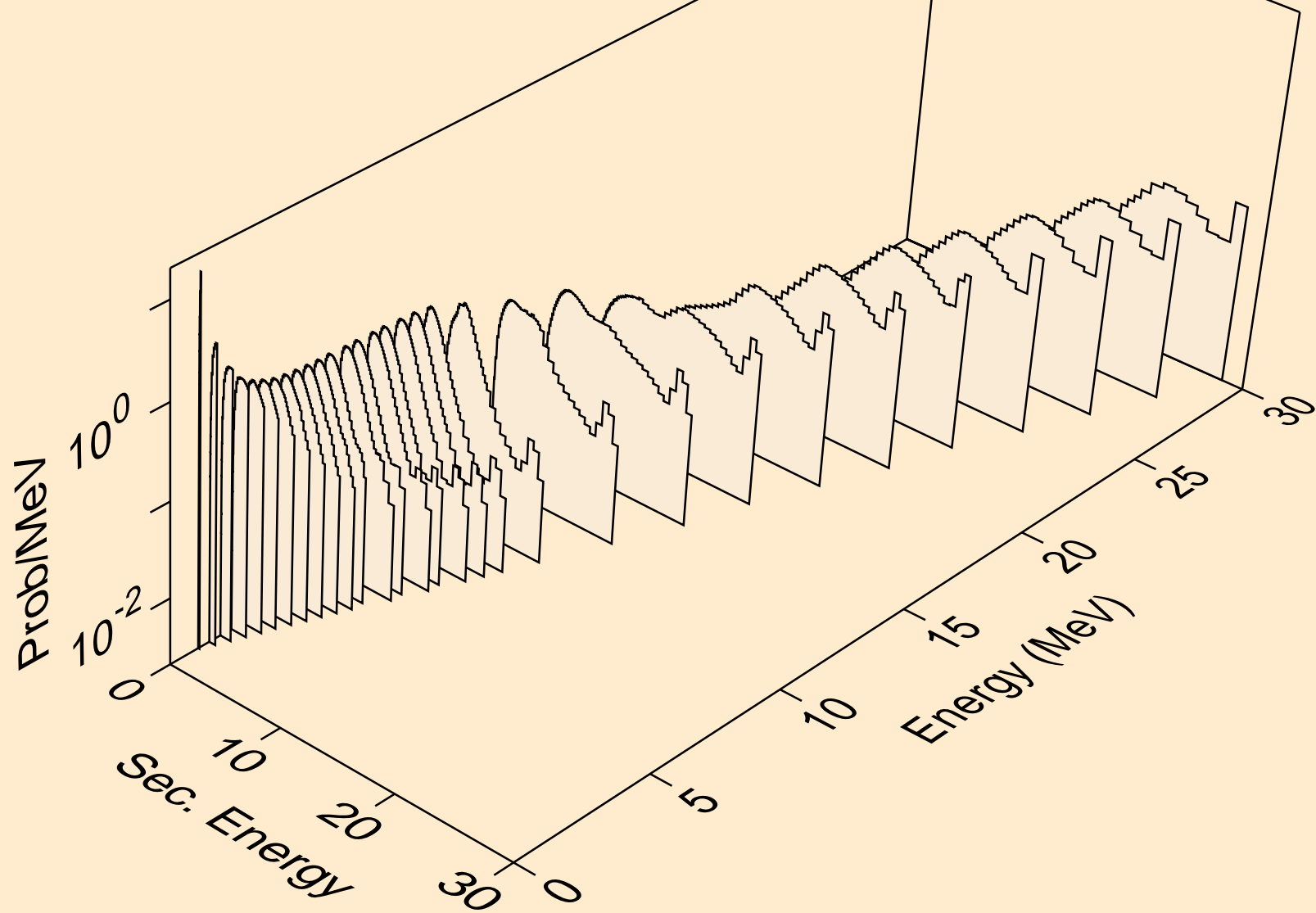
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



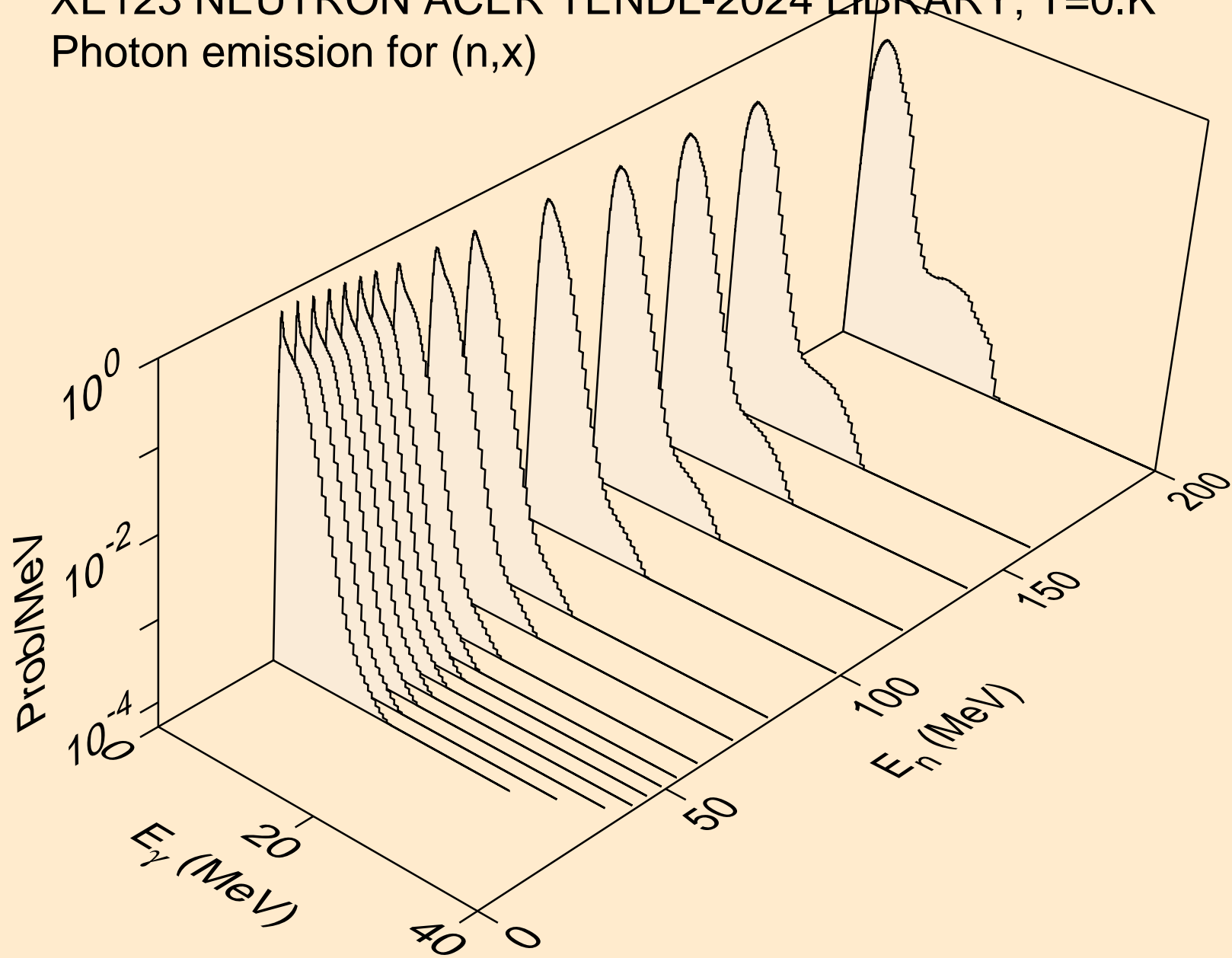
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

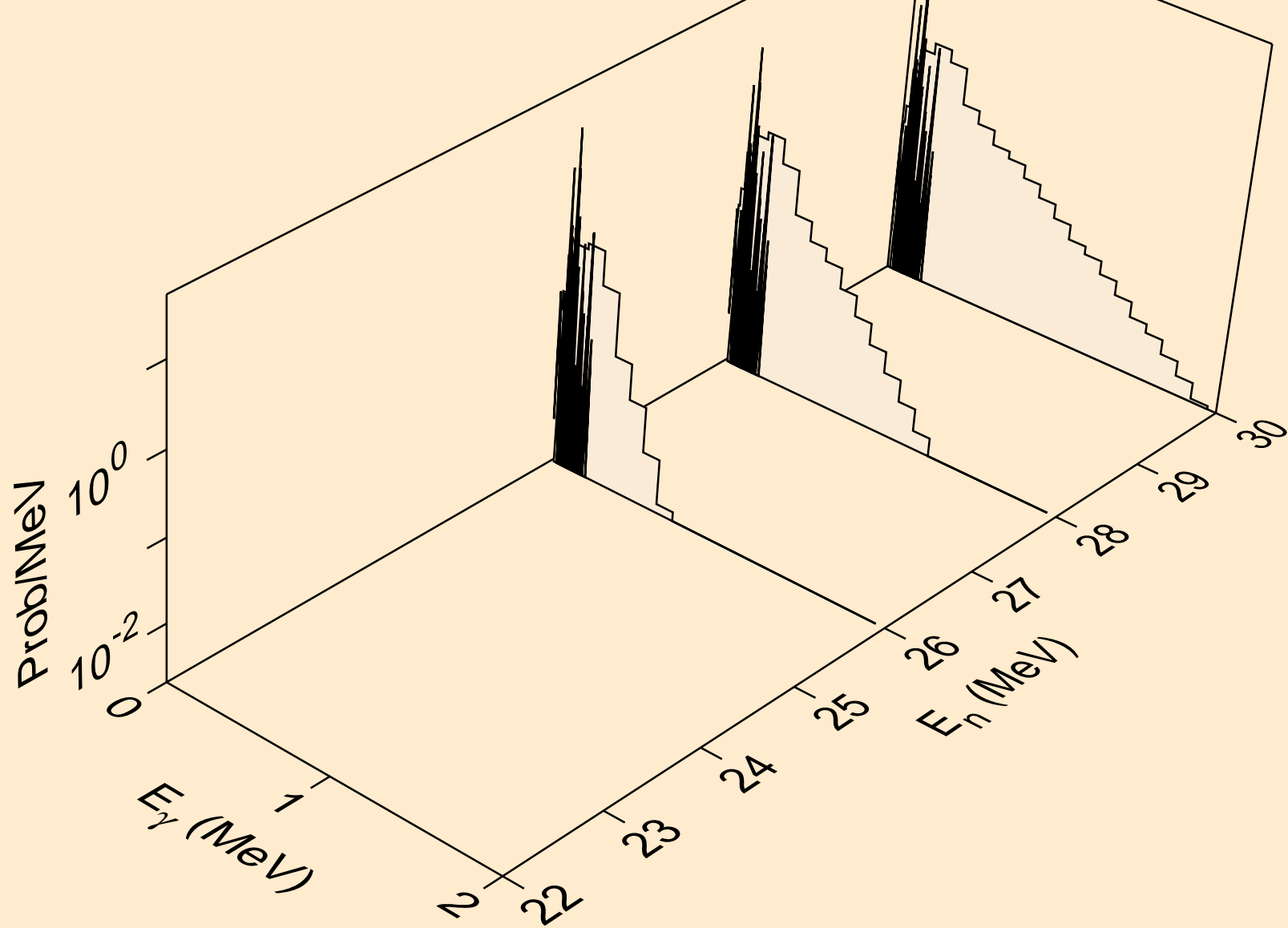


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

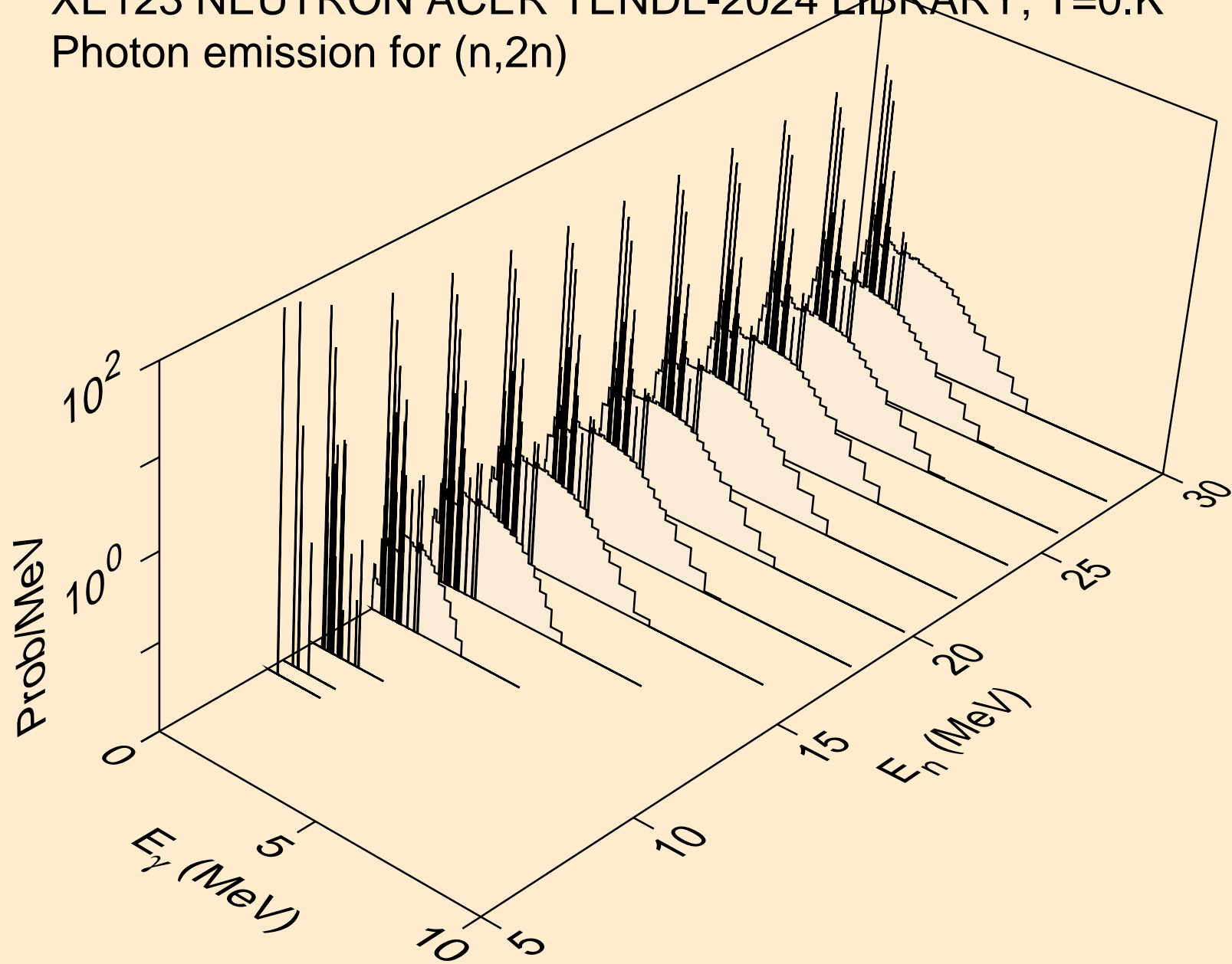




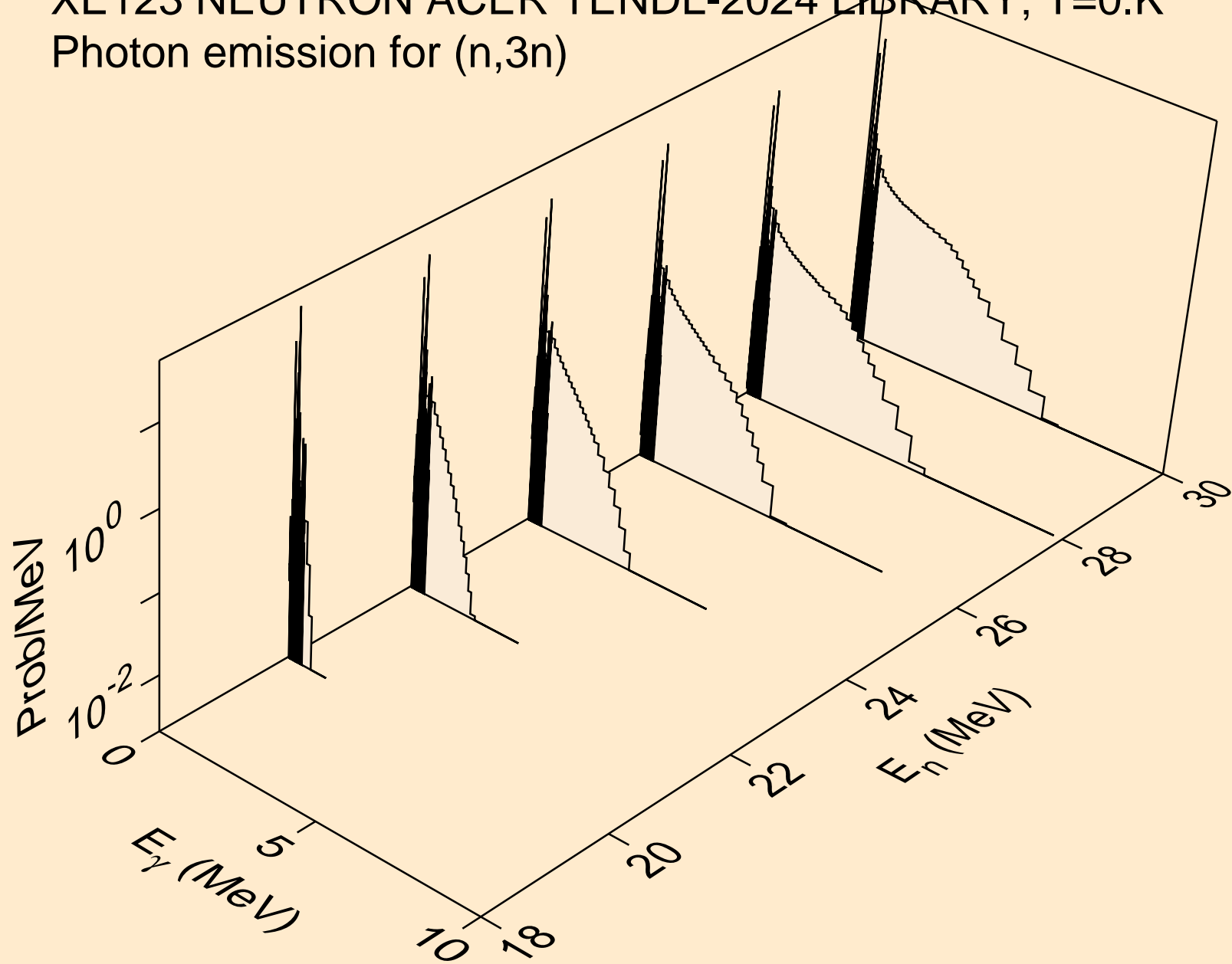
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



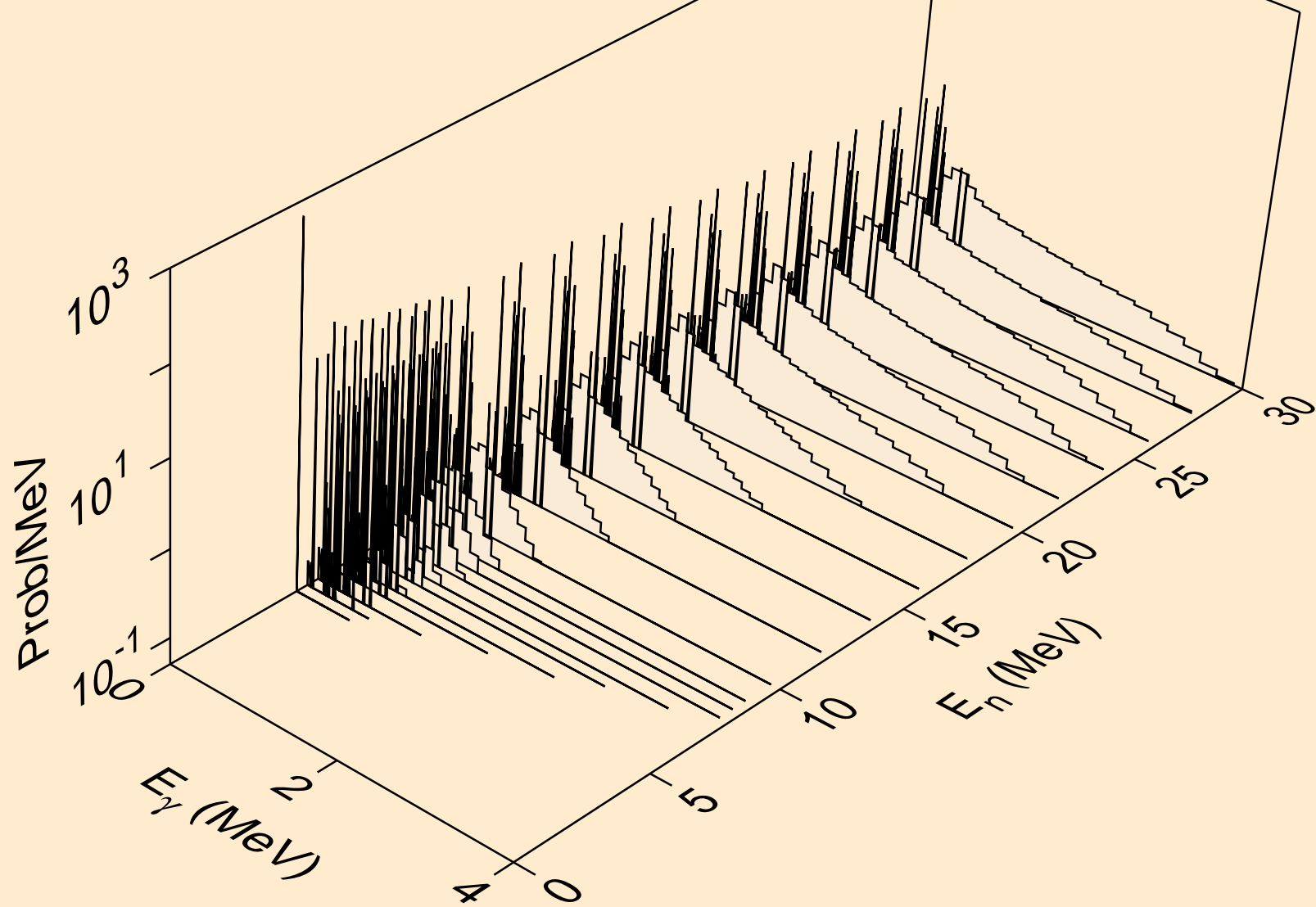
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Photon emission for (n,2n)



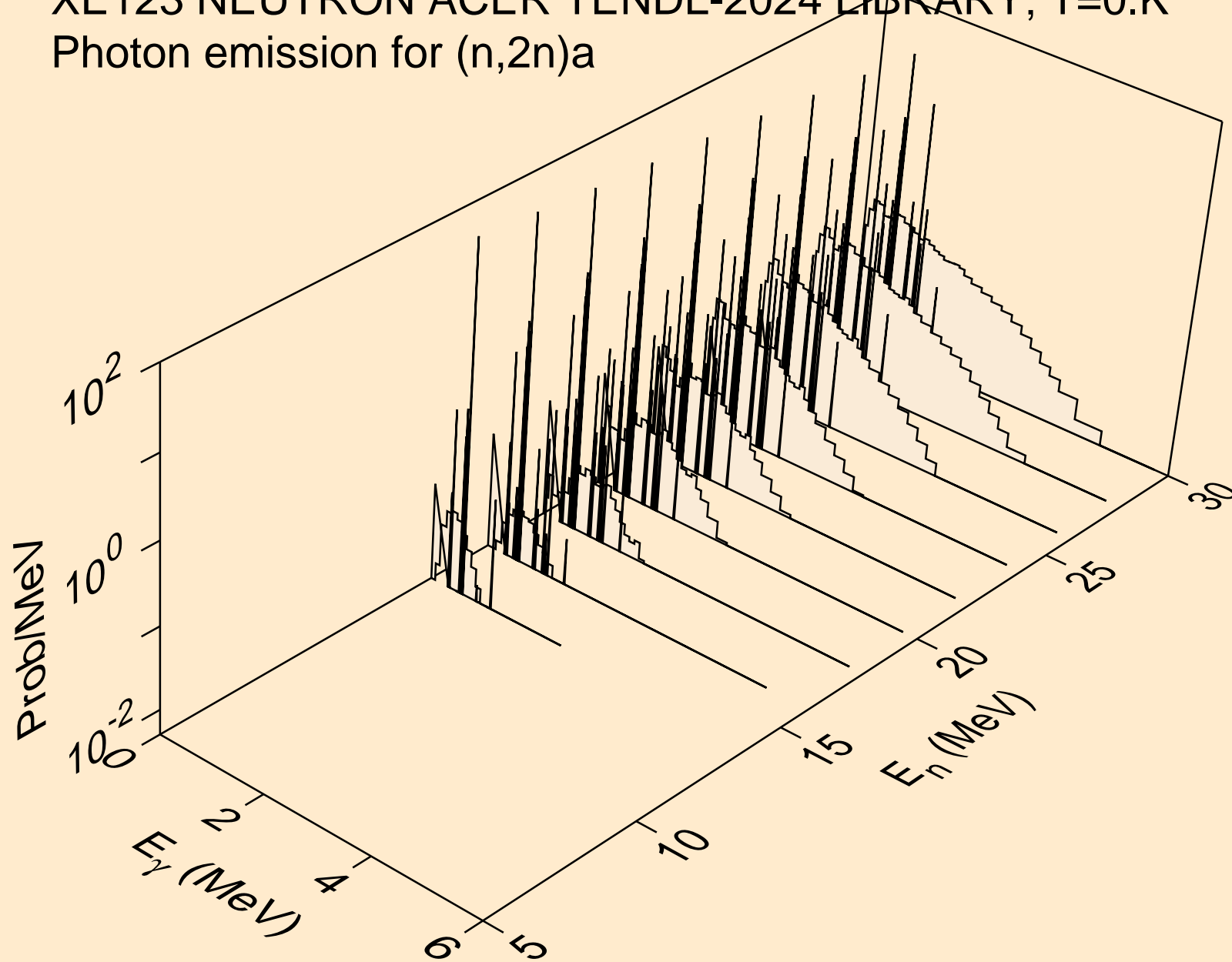
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Photon emission for (n,3n)



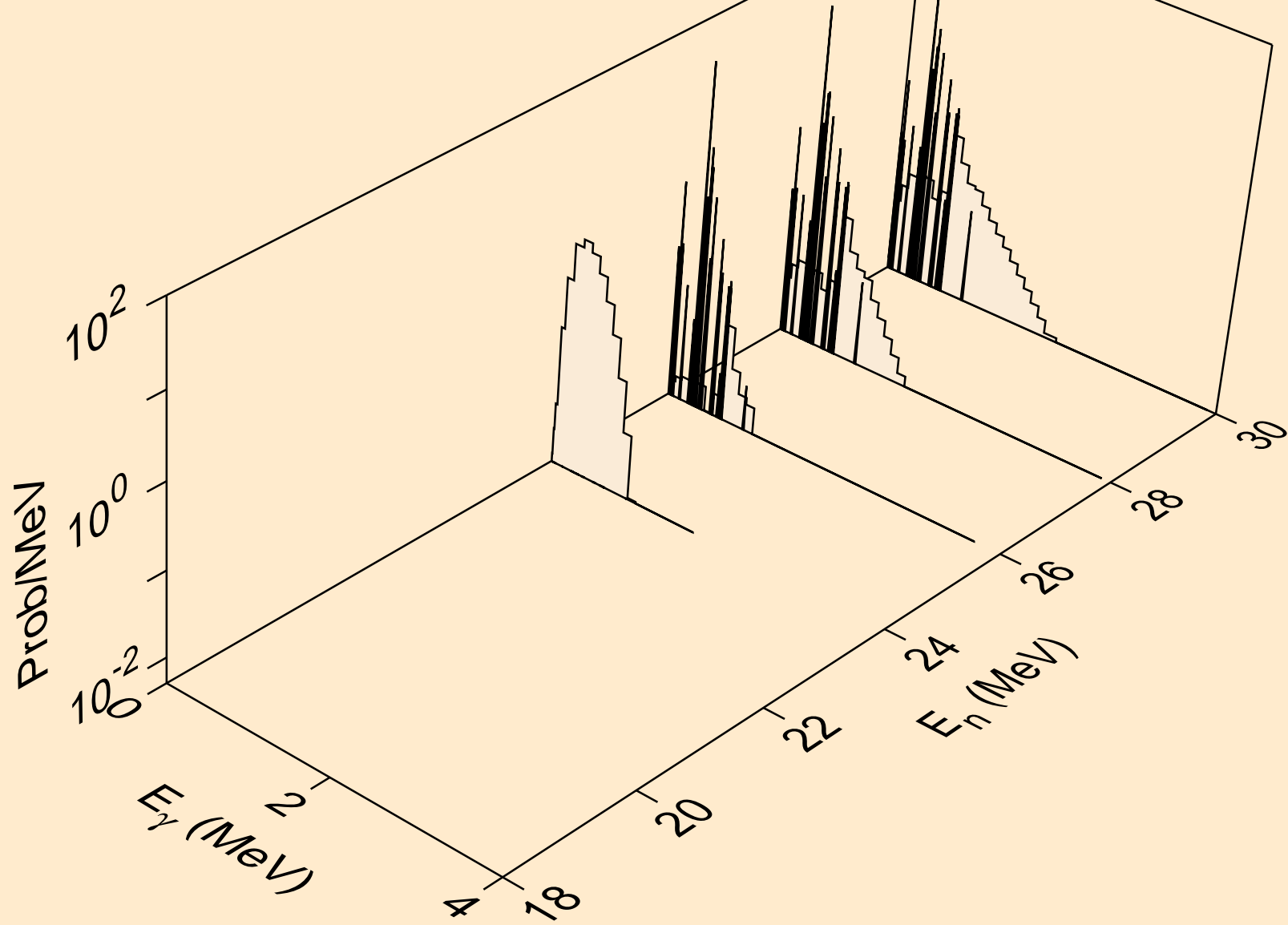
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Photon emission for (n,n\*)a



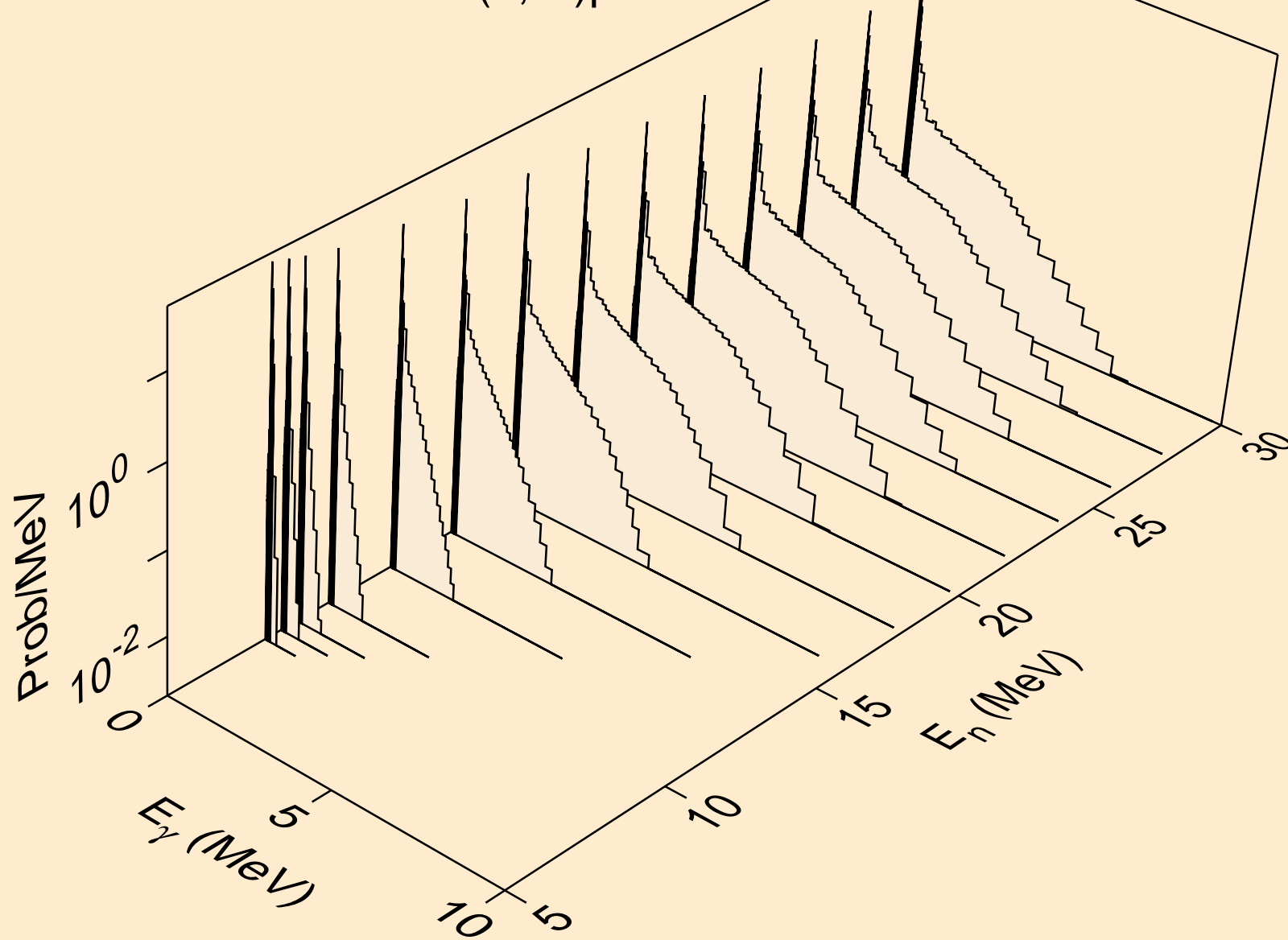
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Photon emission for (n,2n)a



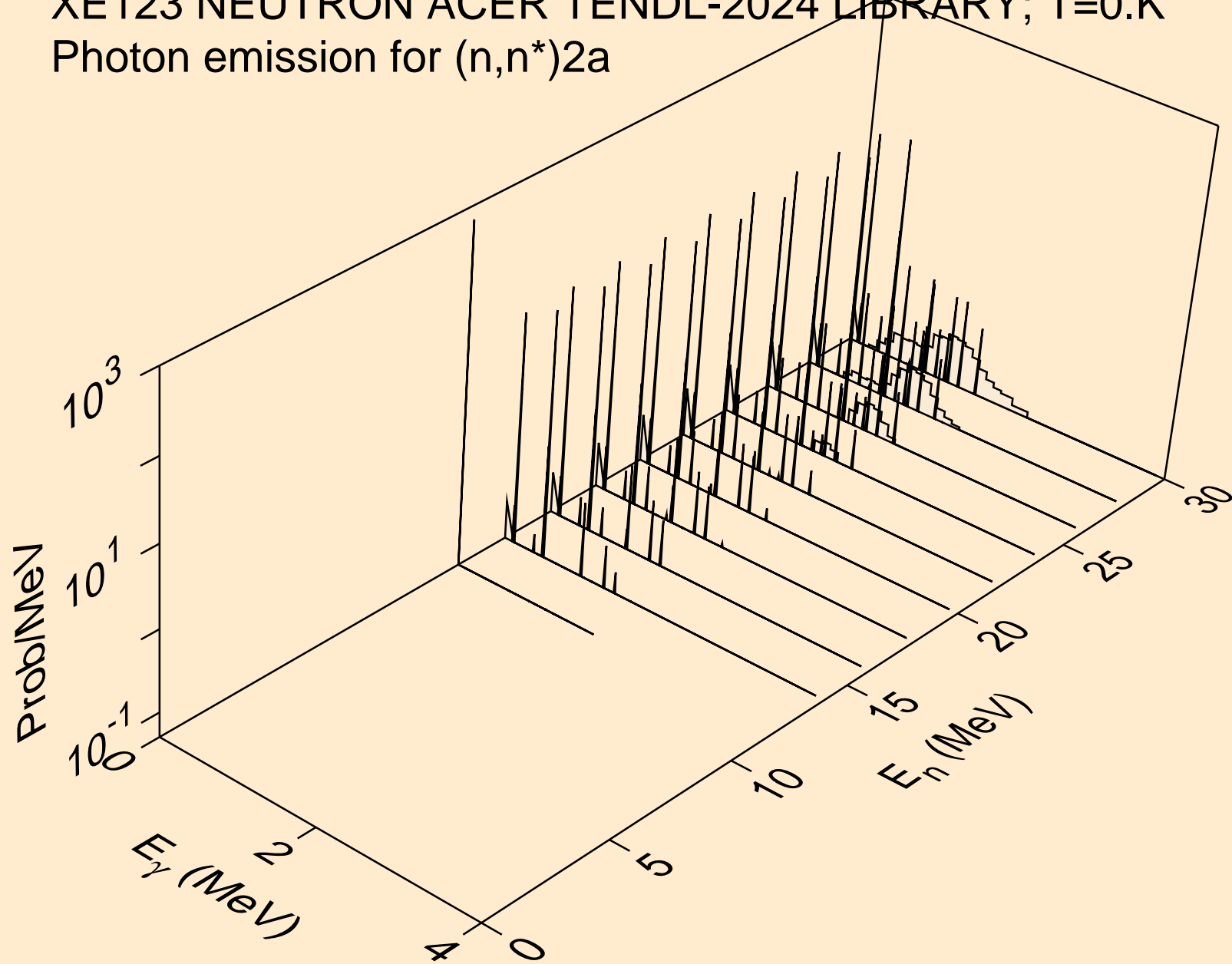
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

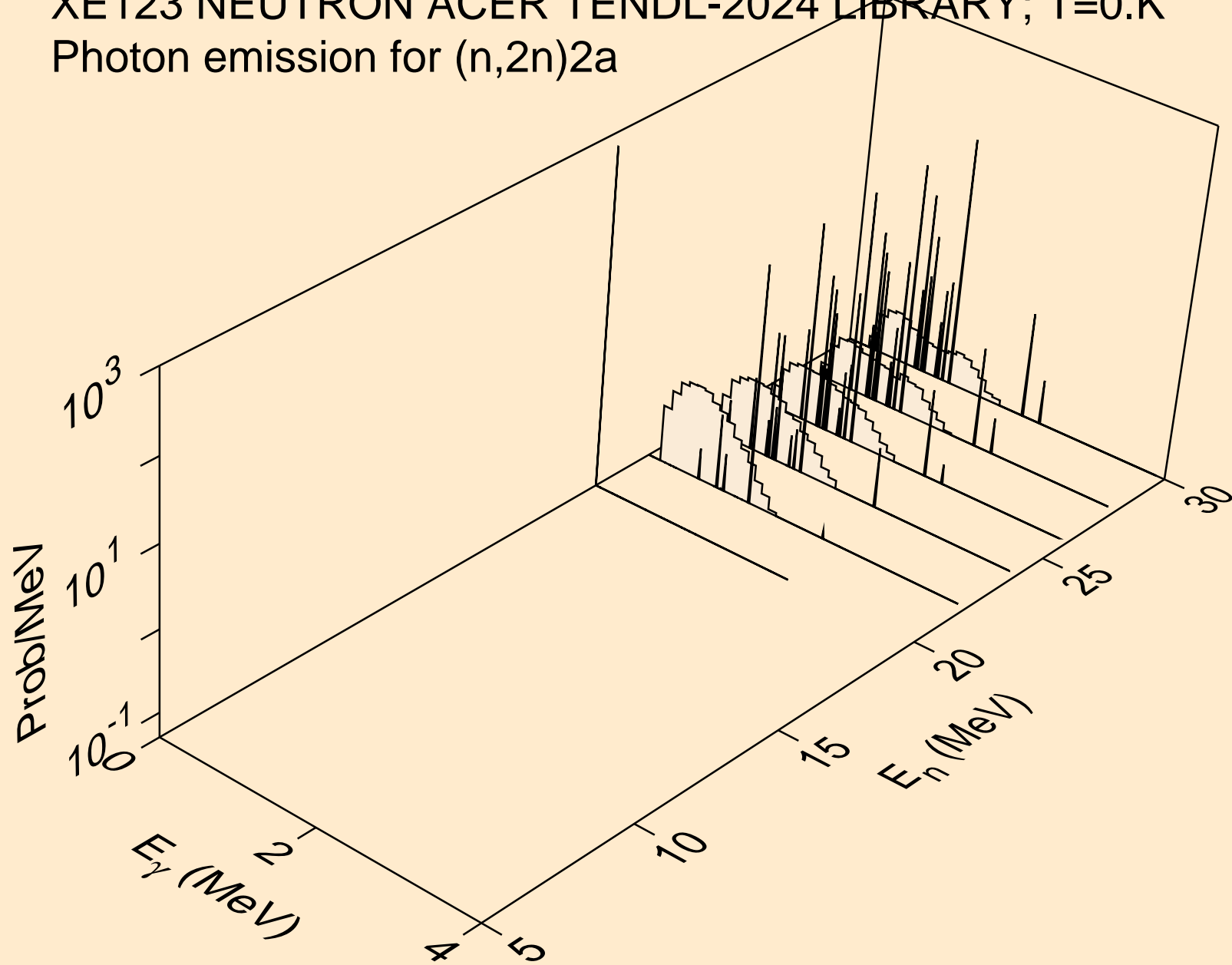


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

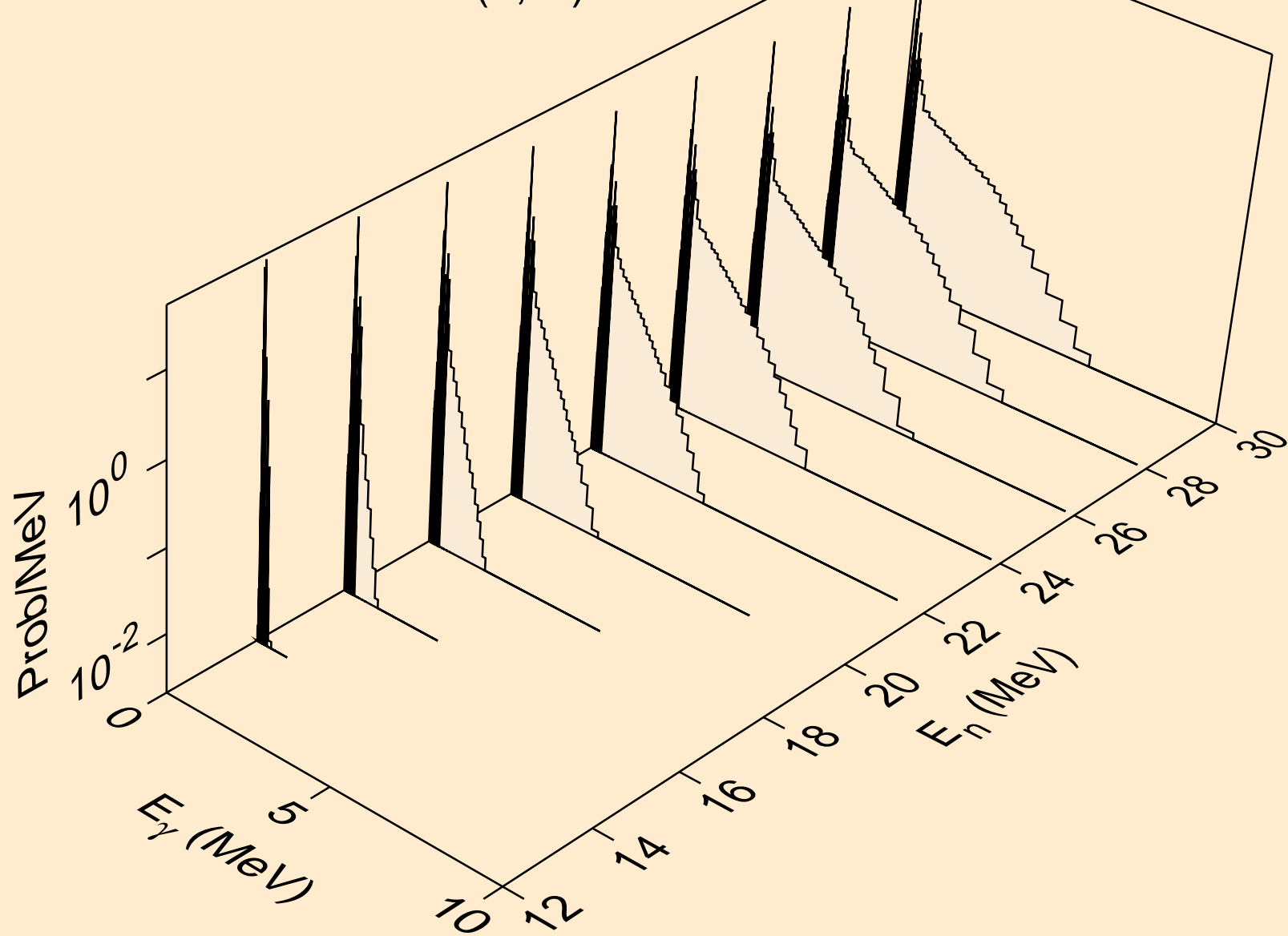




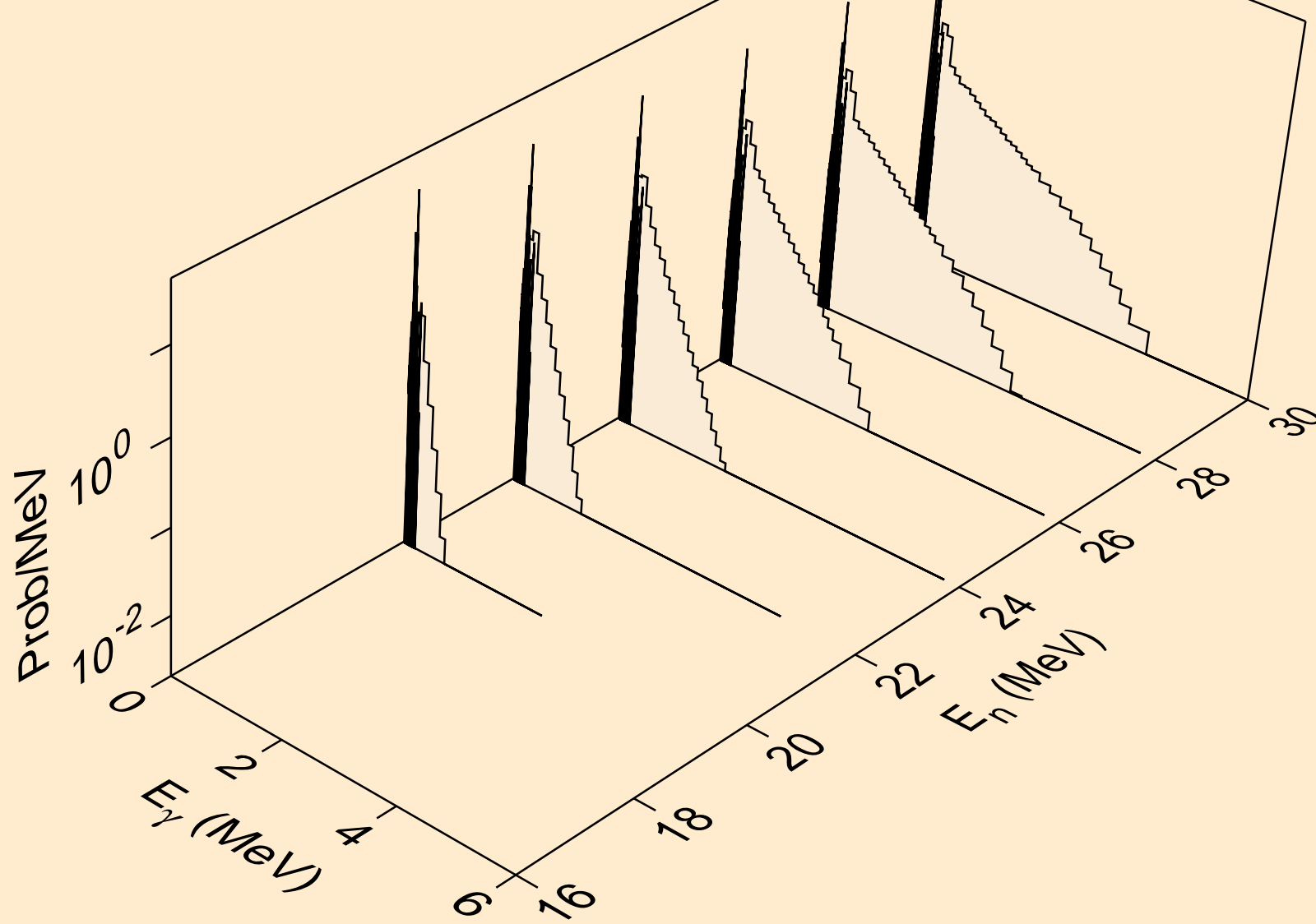
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



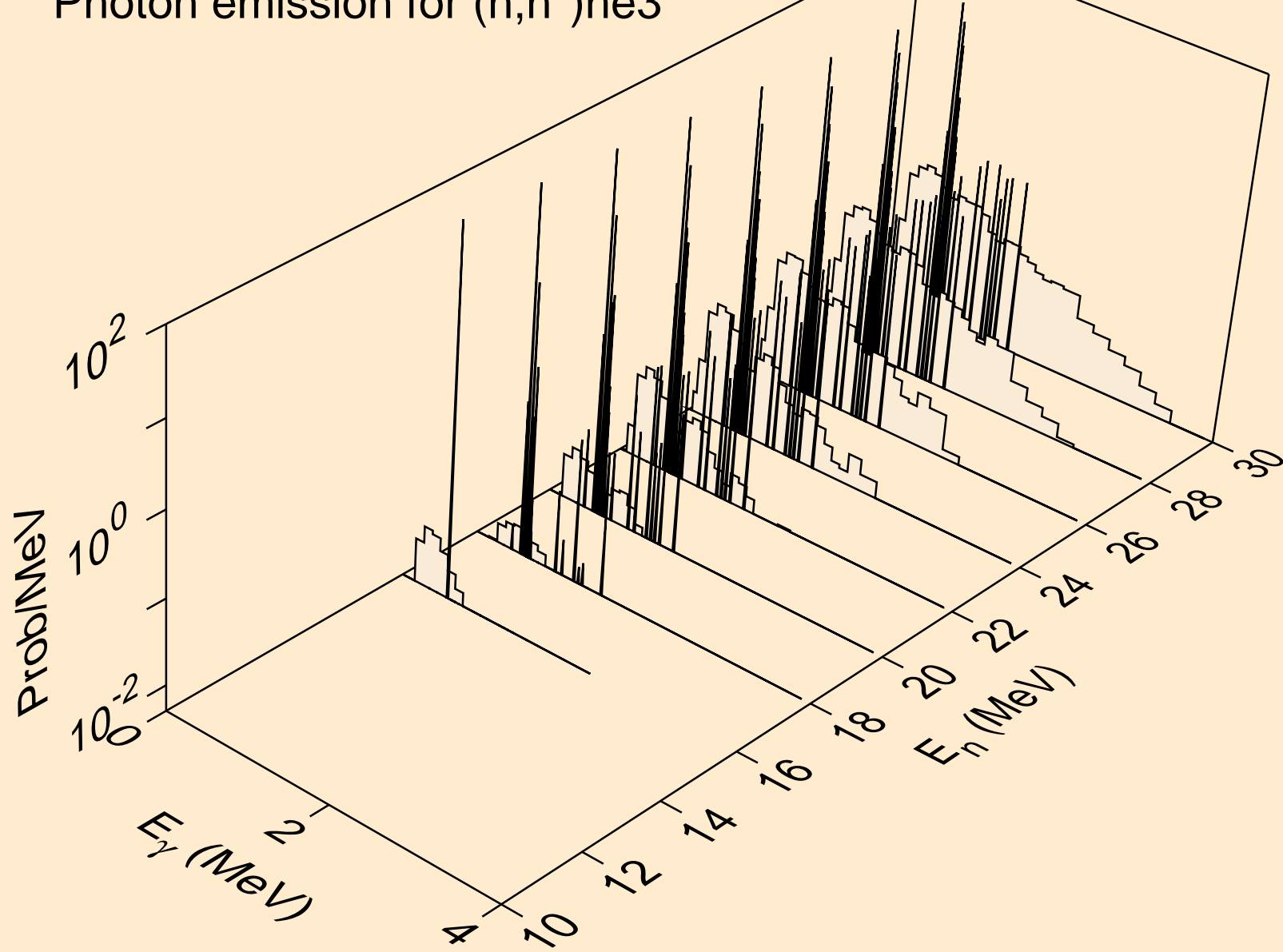
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Photon emission for (n,n\*)d



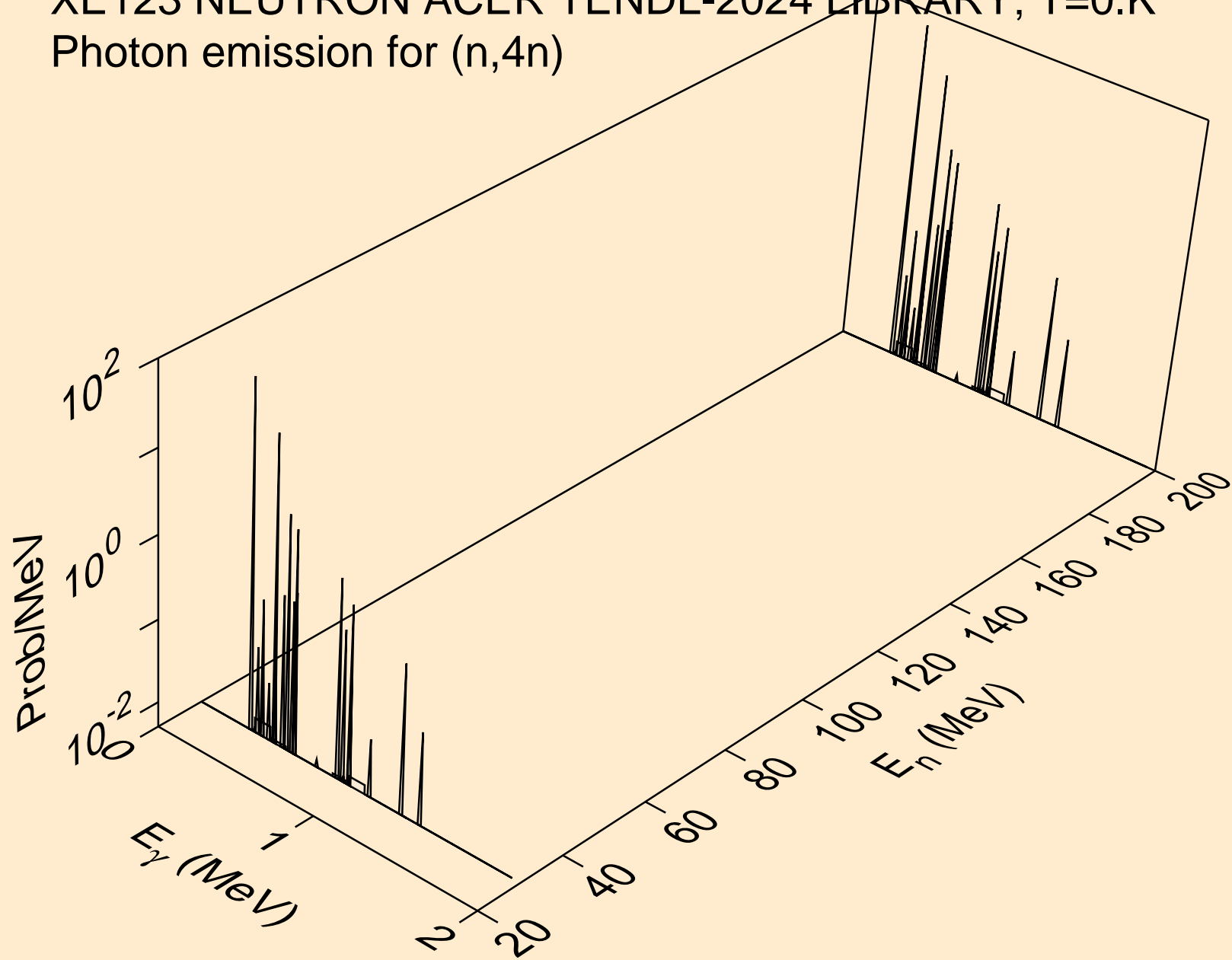
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Photon emission for (n,n\*)t



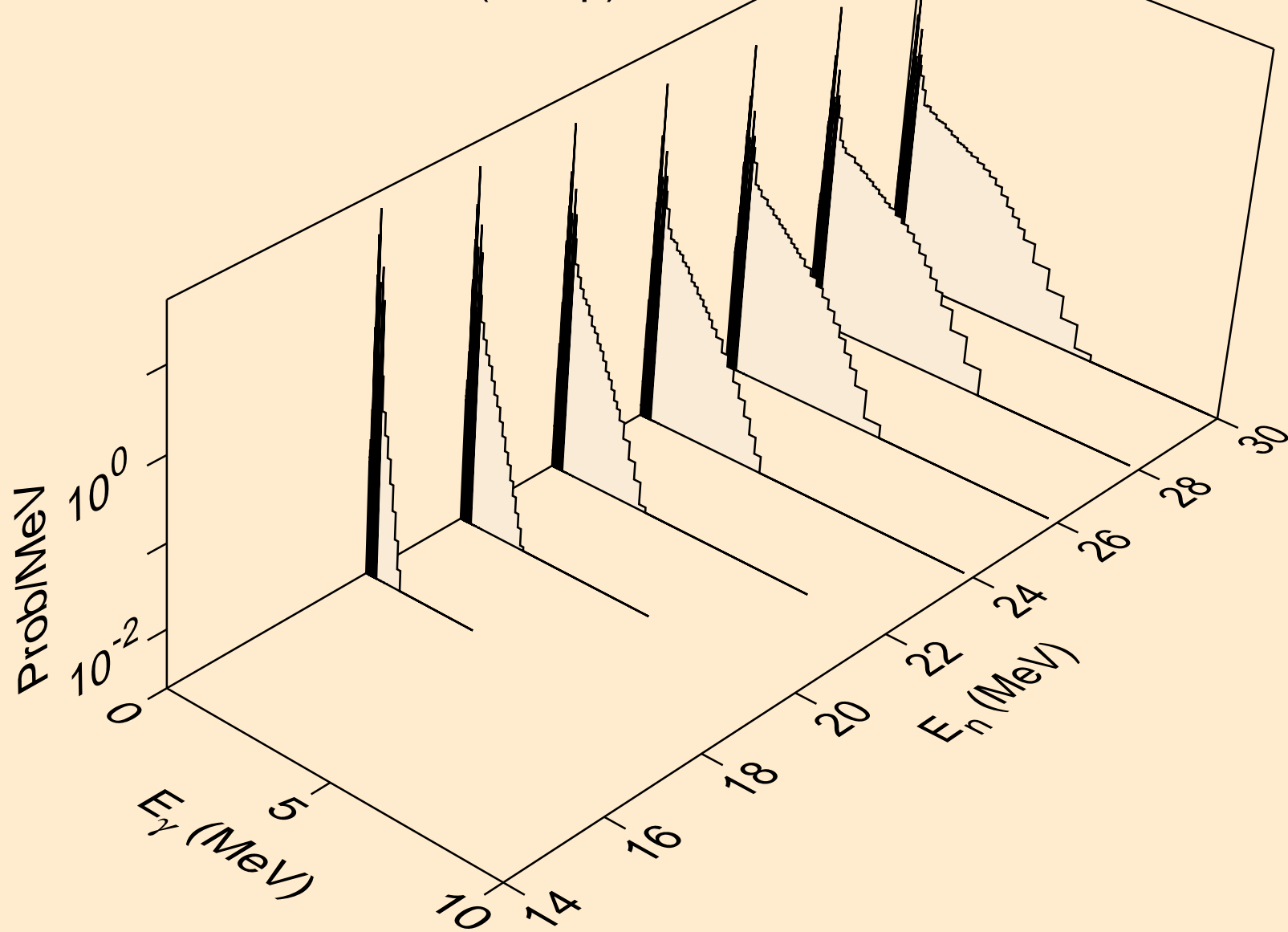
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Photon emission for (n,n\*)he3



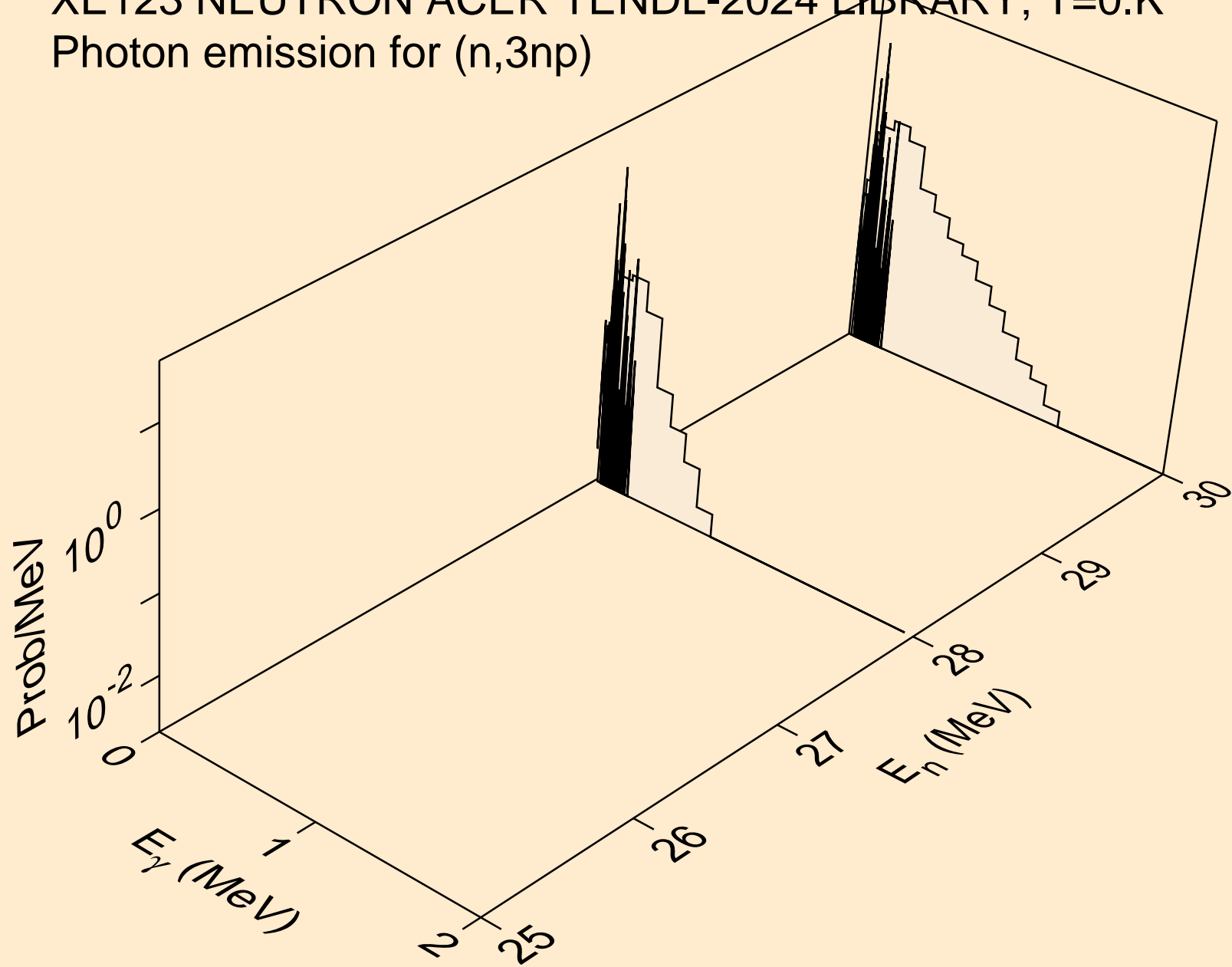
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Photon emission for (n,4n)



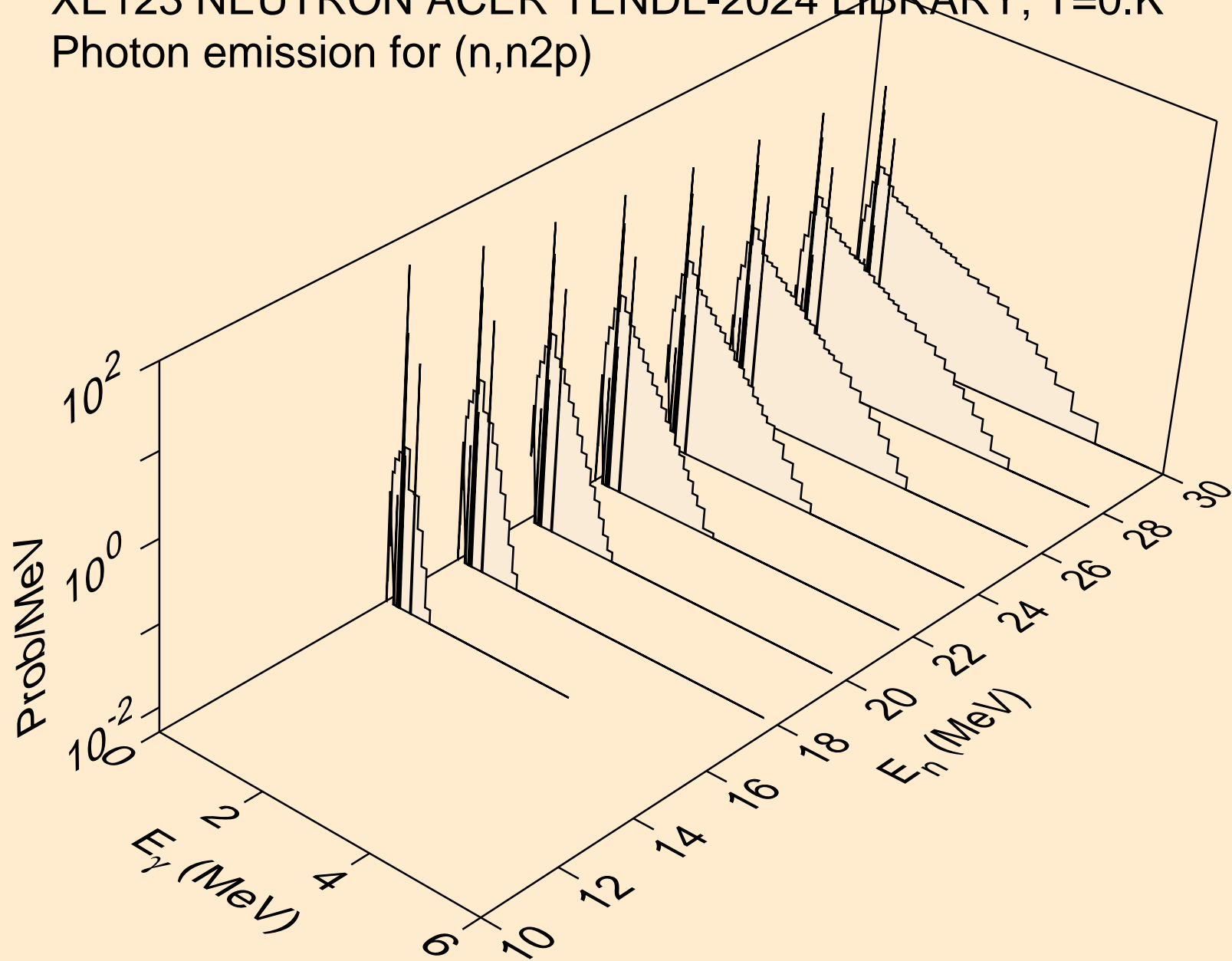
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

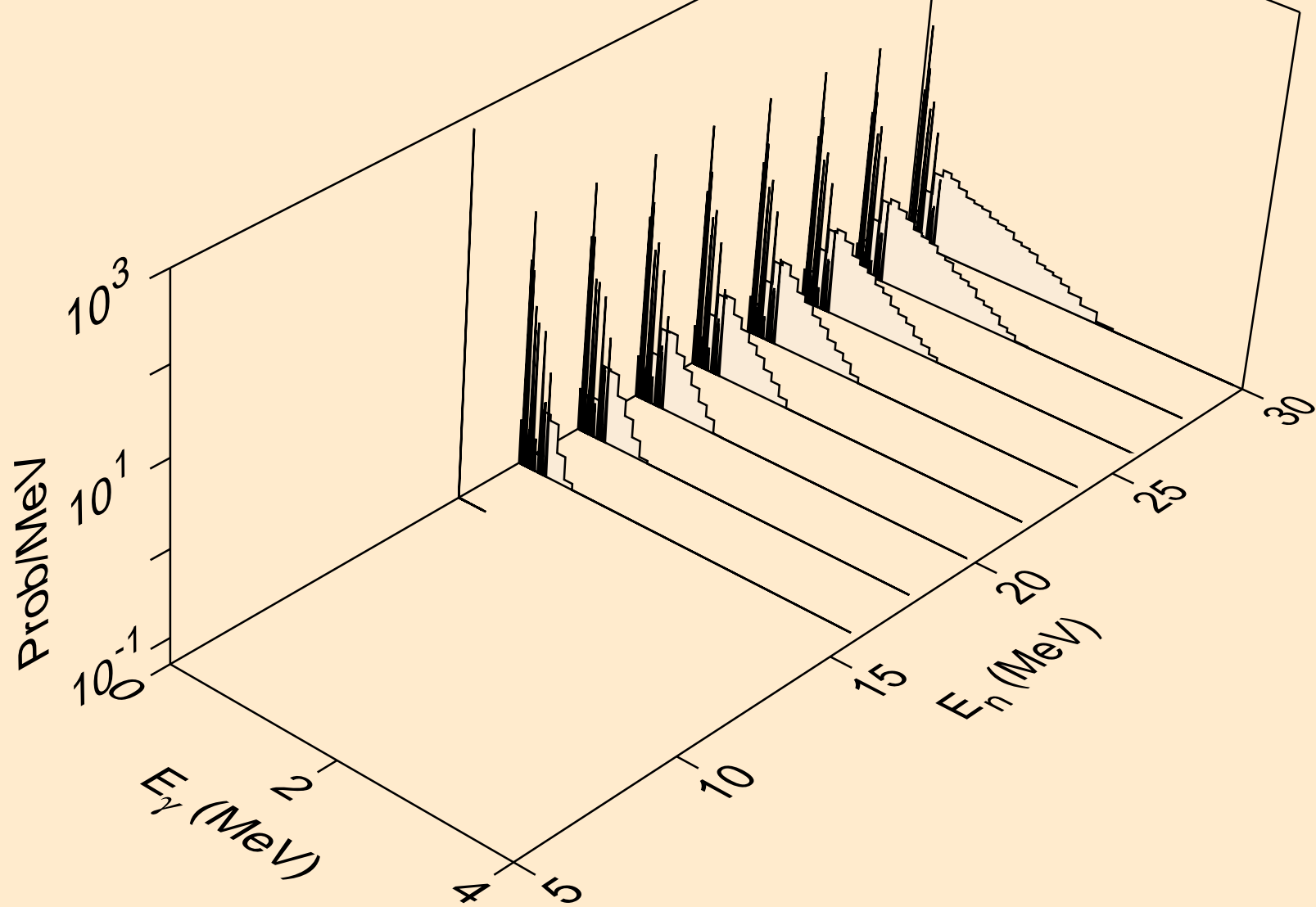


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Photon emission for (n,n2p)

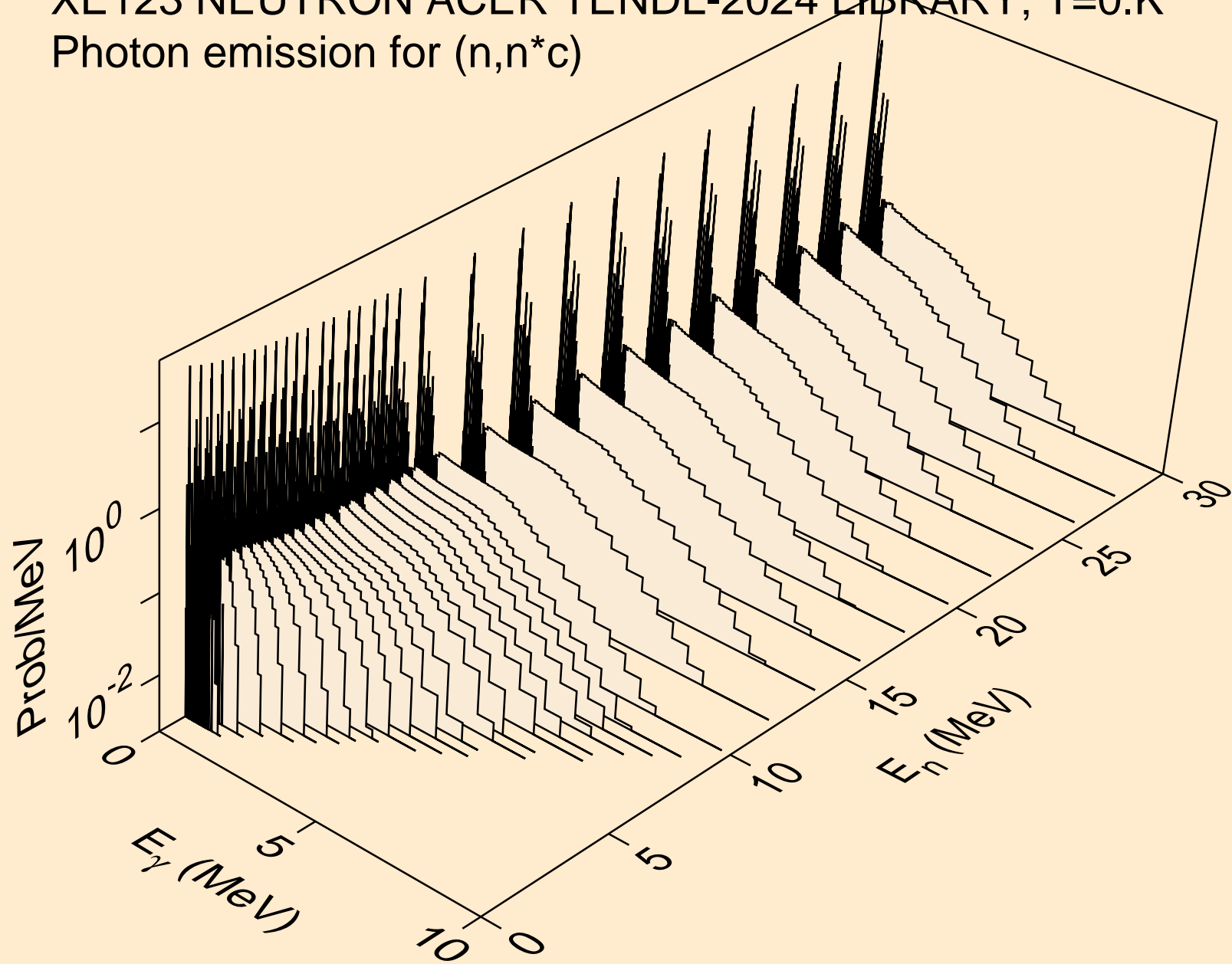




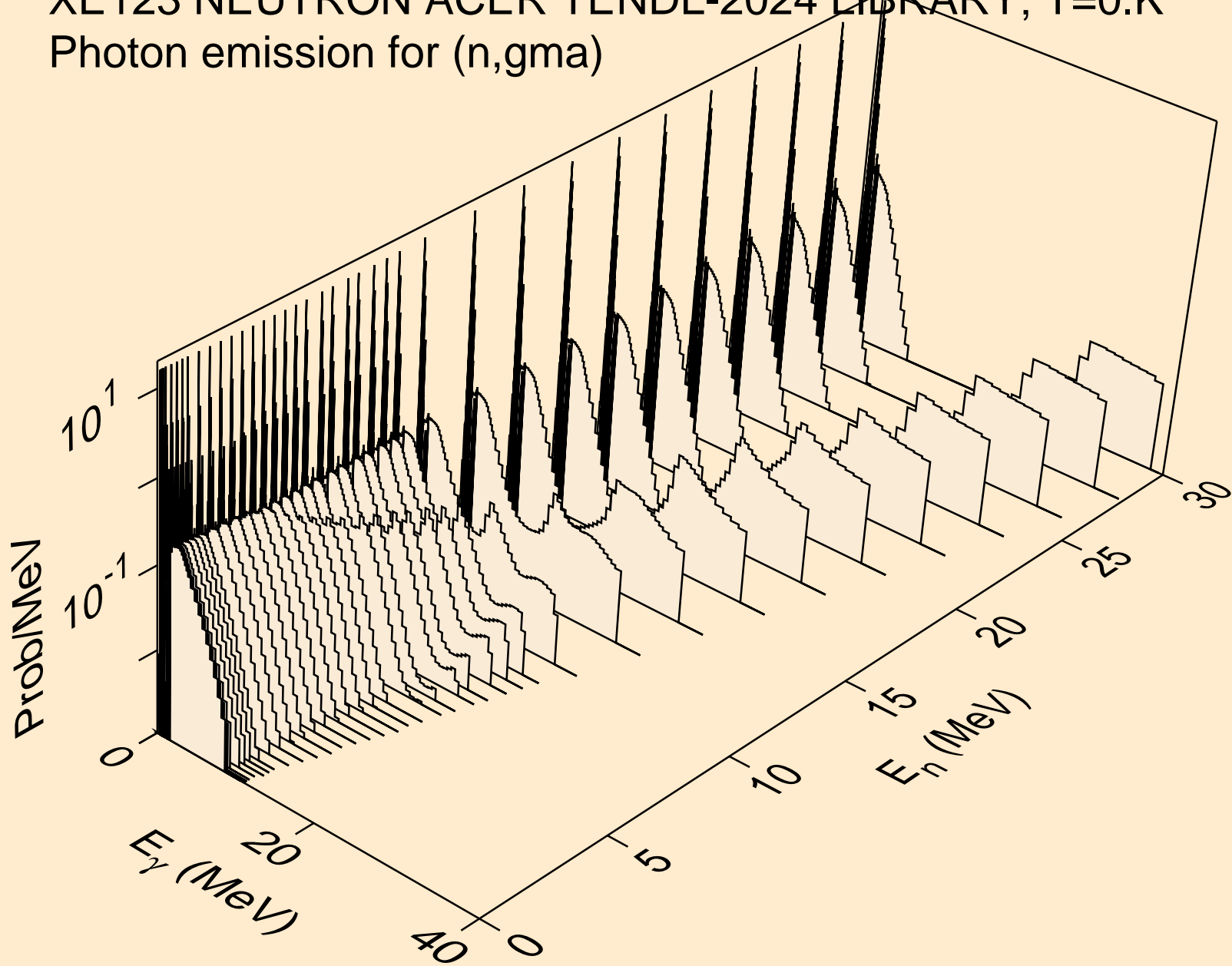
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Photon emission for (n,npa)



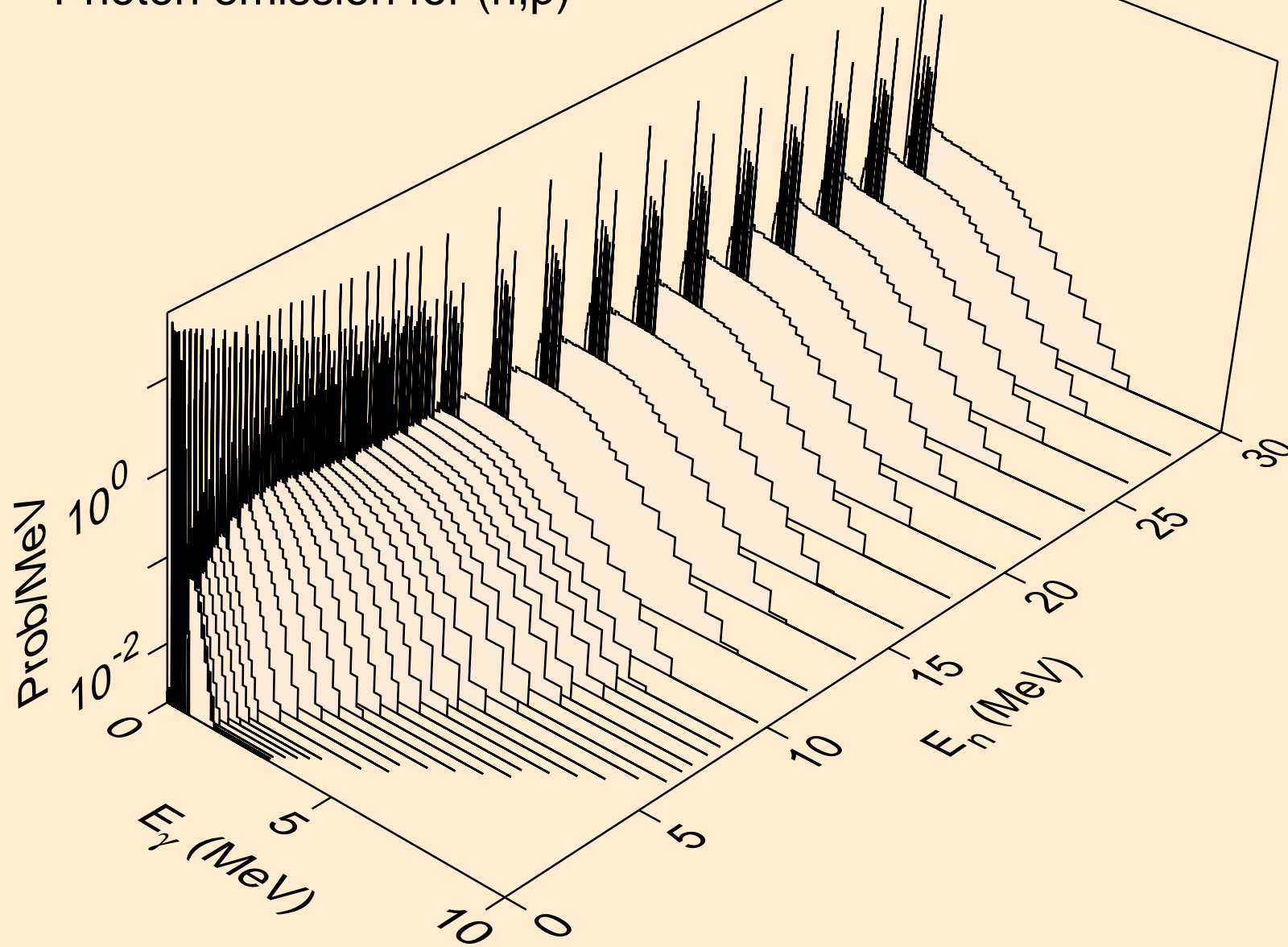
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Photon emission for (n,n\*c)



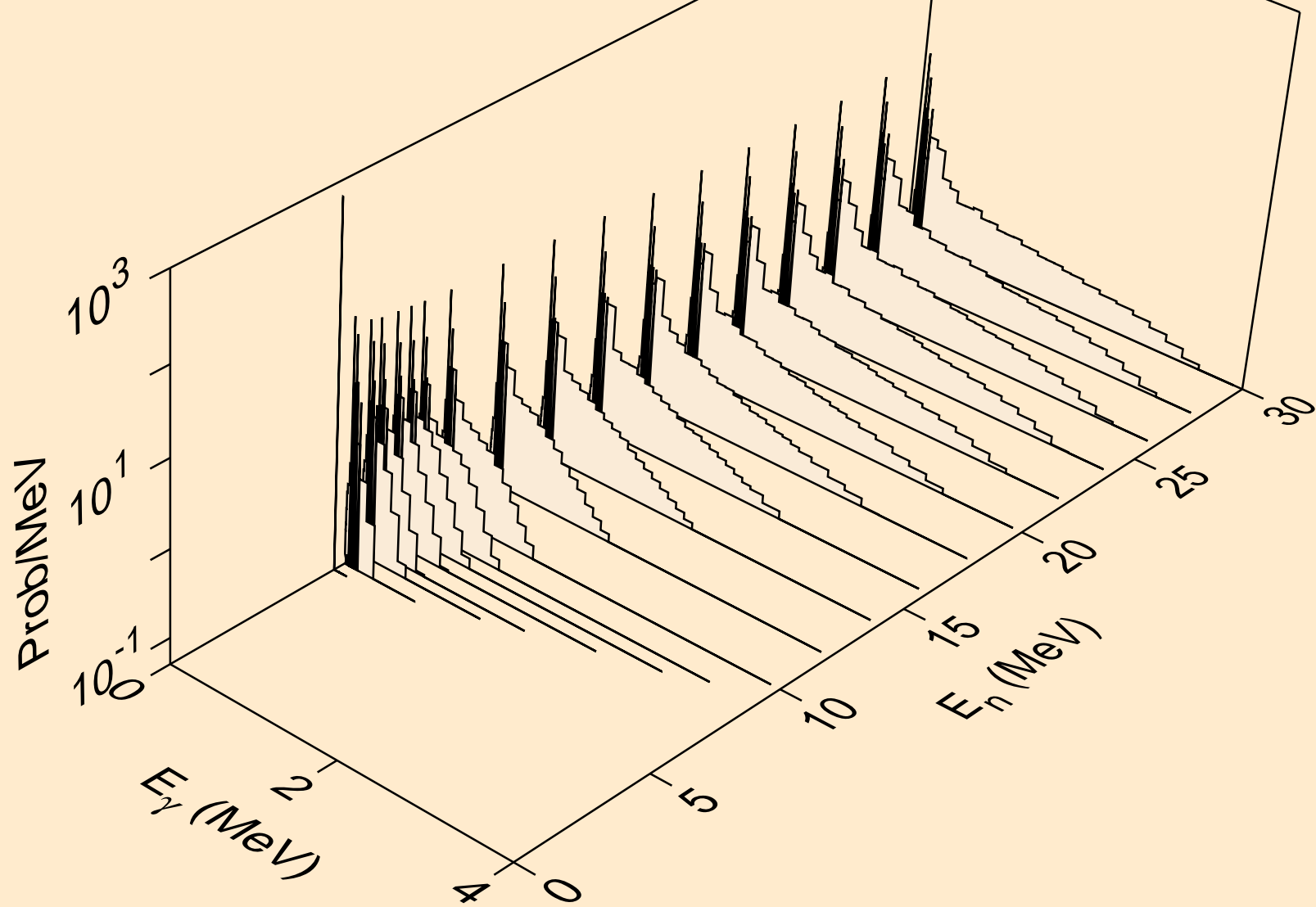
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Photon emission for (n,gma)



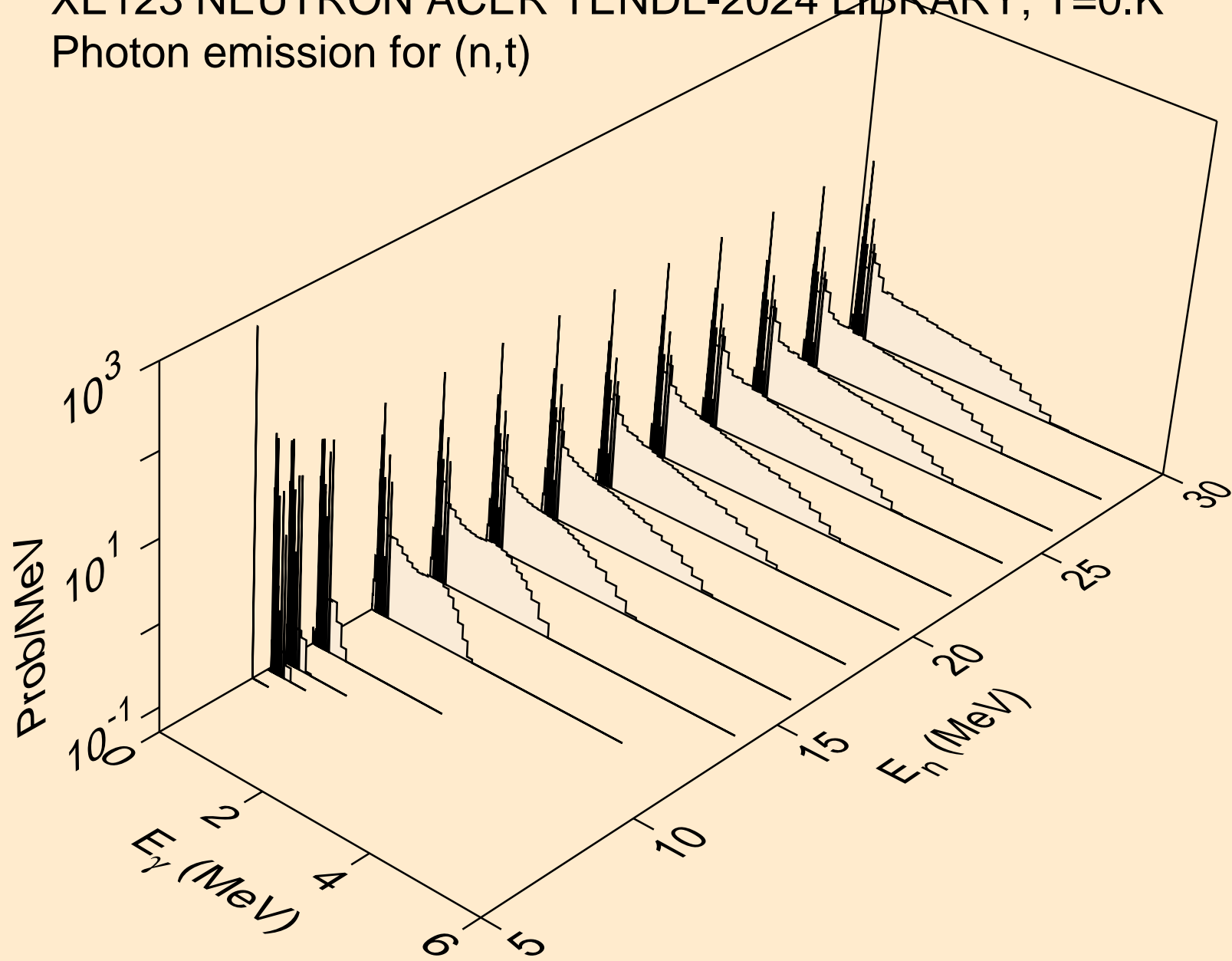
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Photon emission for (n,p)



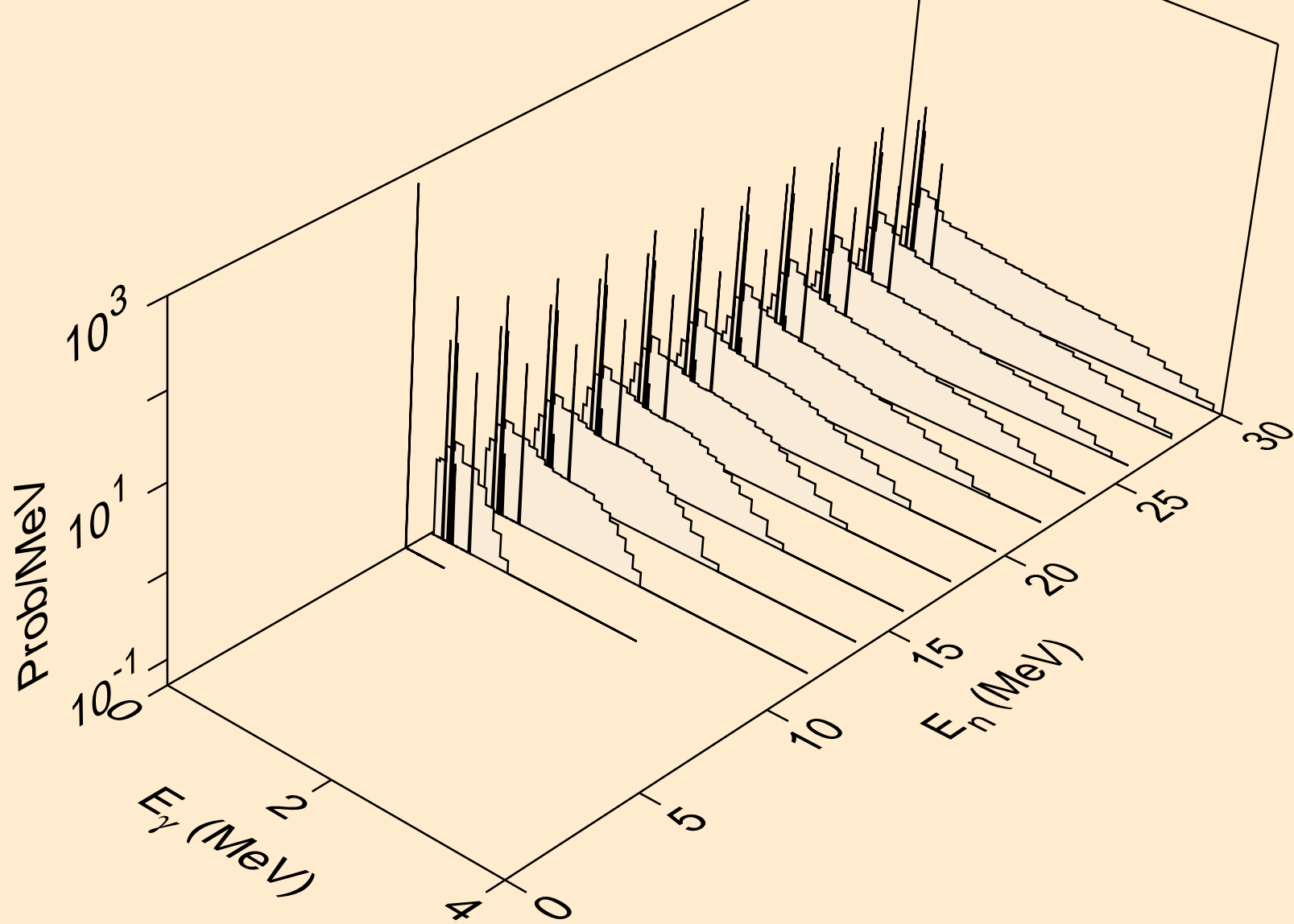
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Photon emission for (n,d)



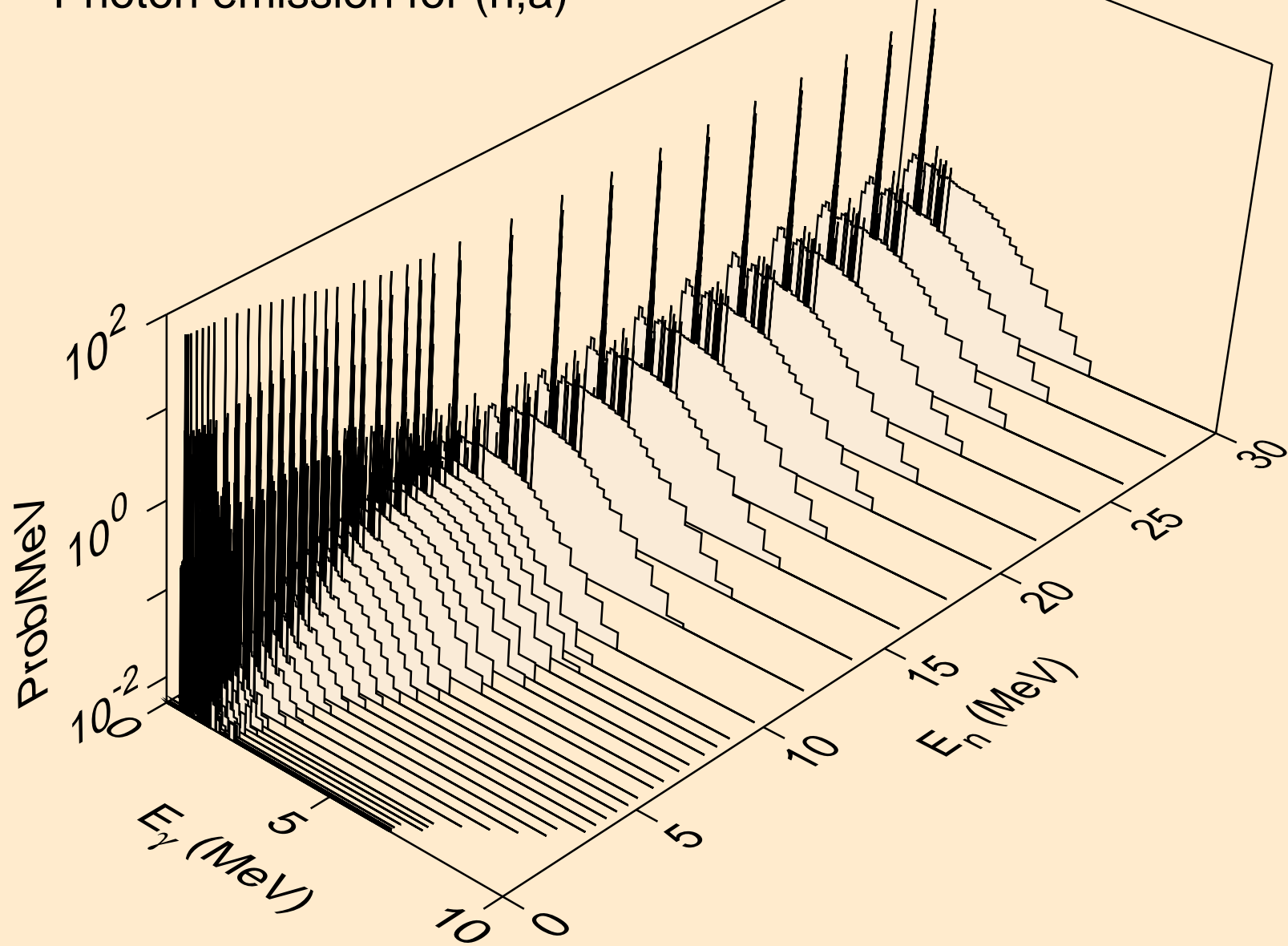
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Photon emission for (n,t)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

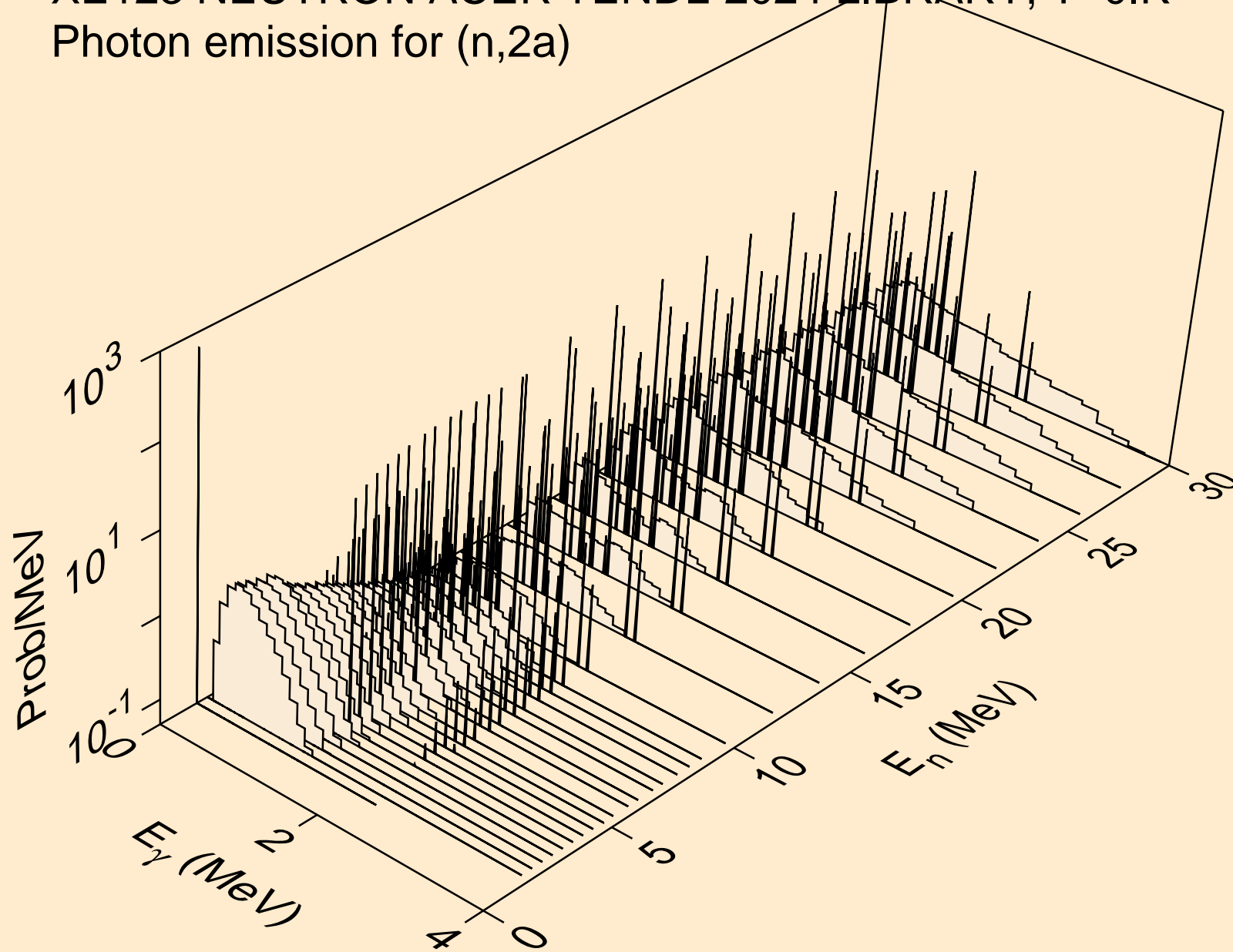


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Photon emission for (n,a)

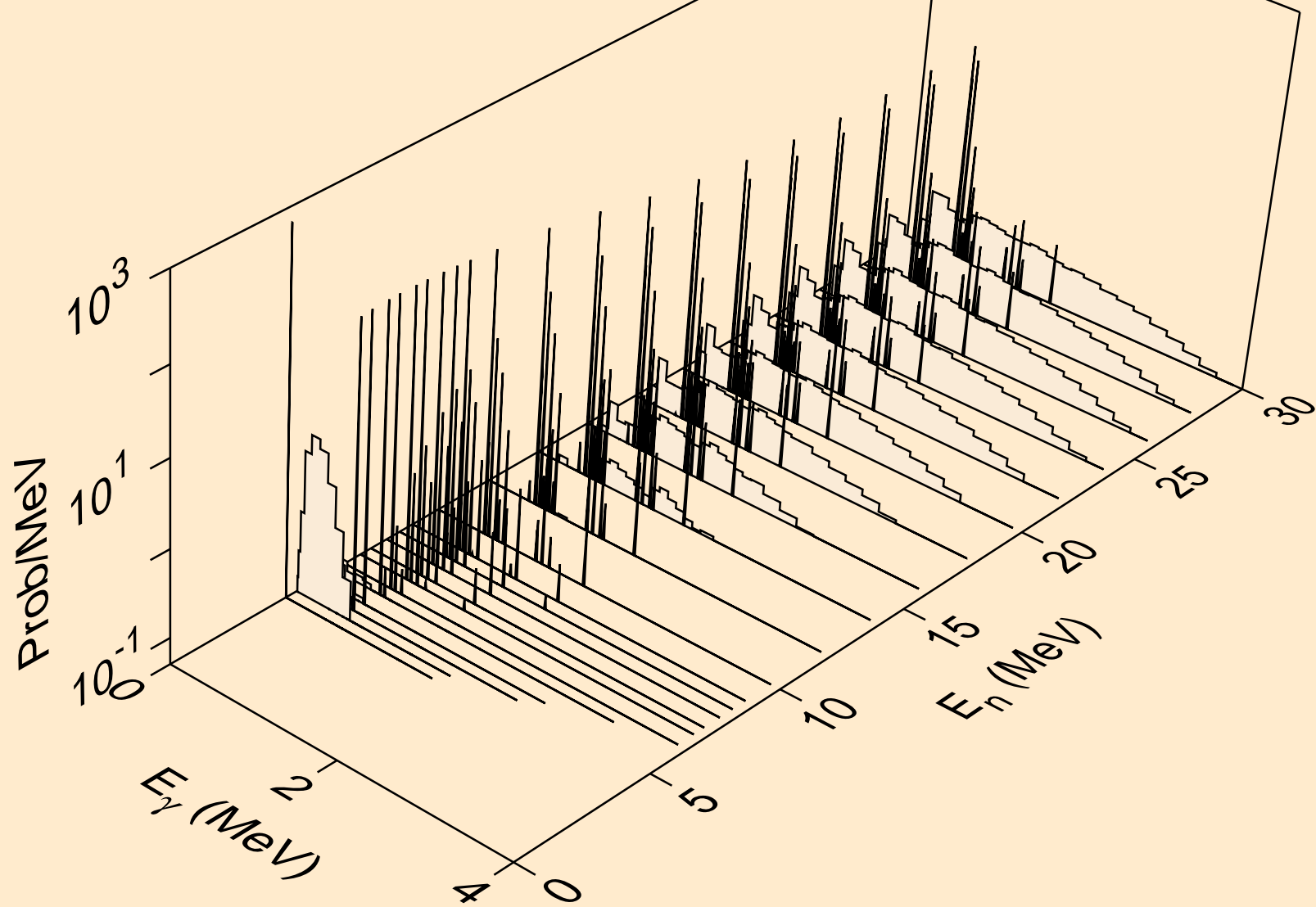




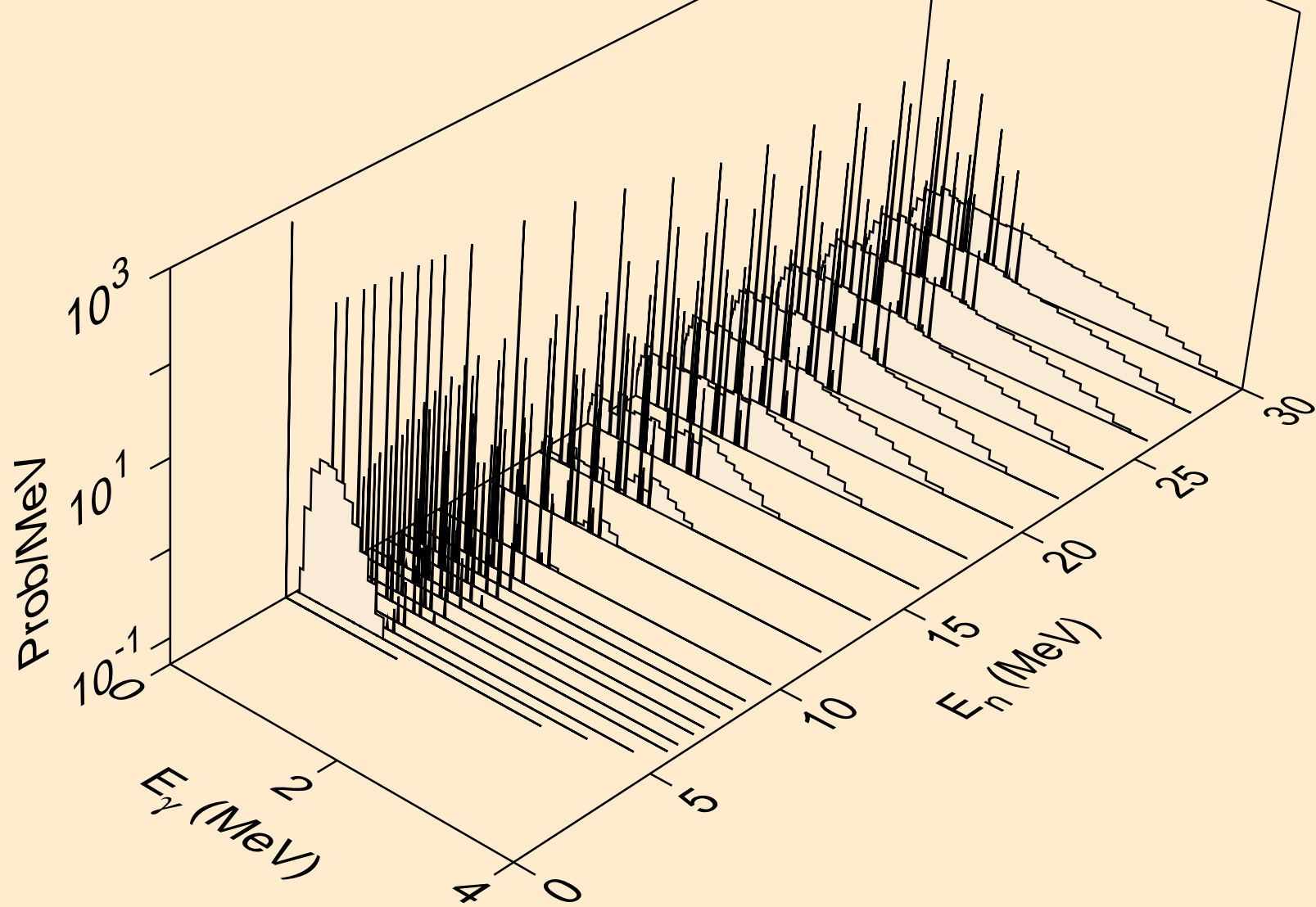
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Photon emission for (n,2a)



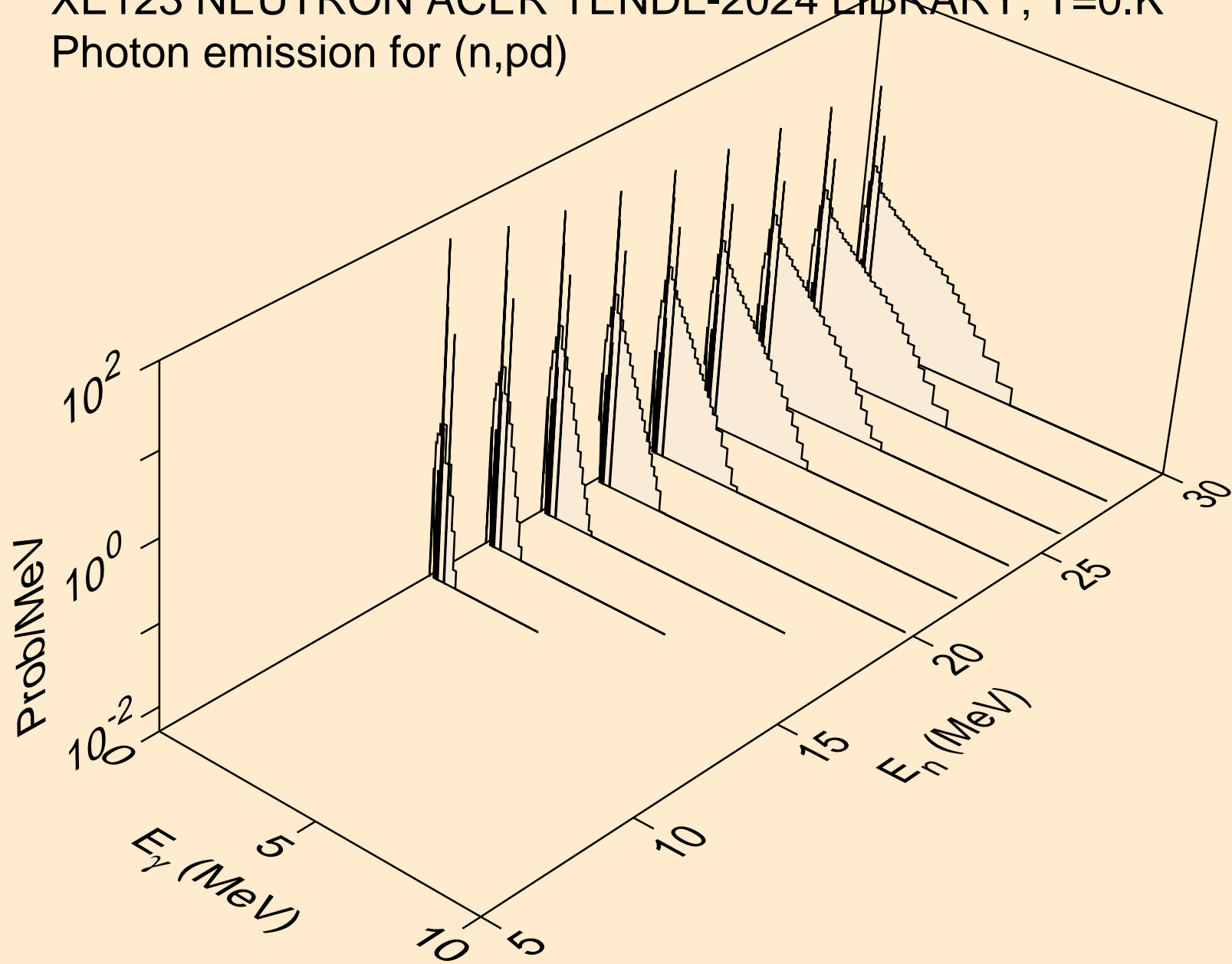
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Photon emission for (n,2p)



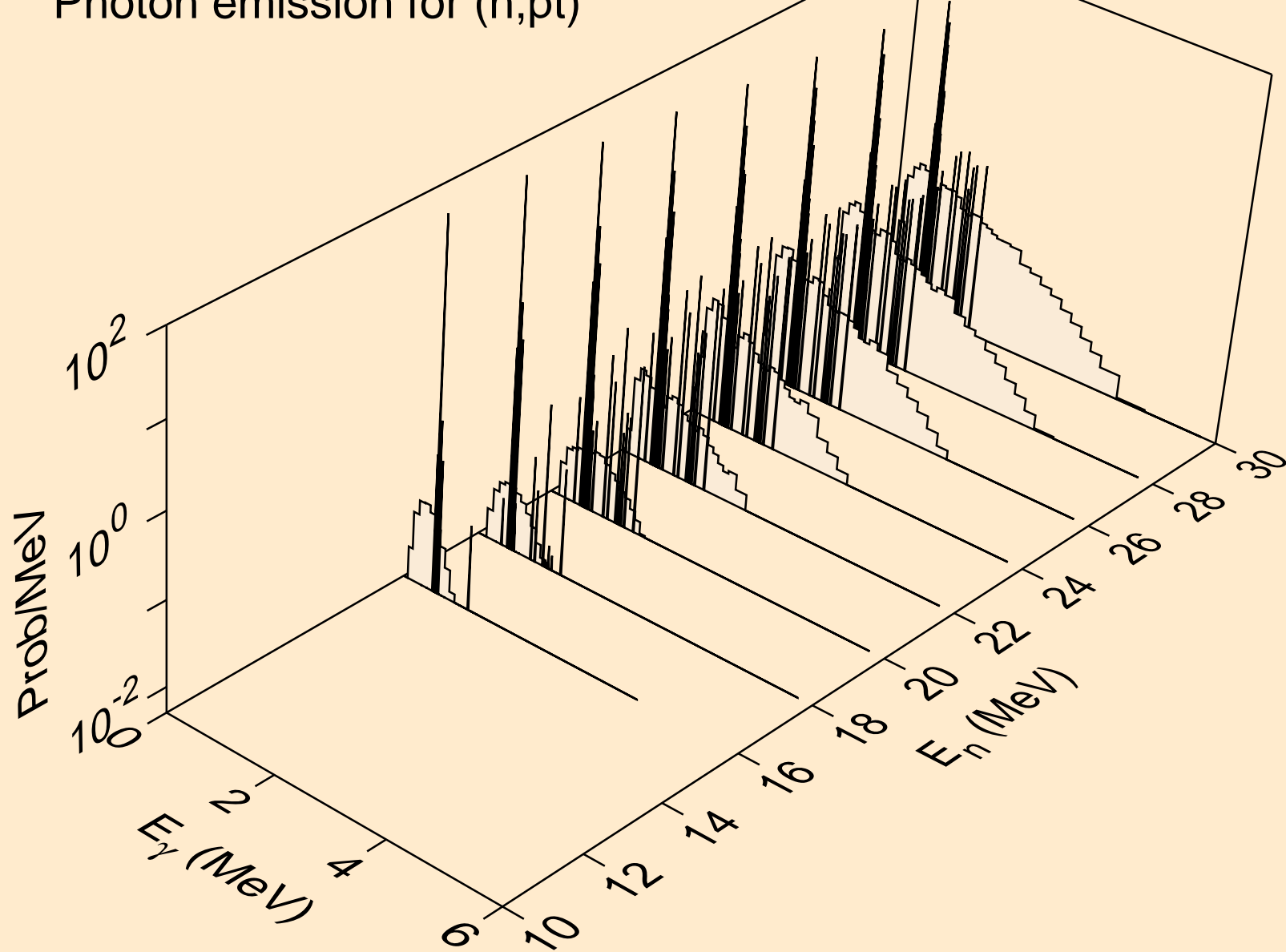
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Photon emission for (n,p $\alpha$ )



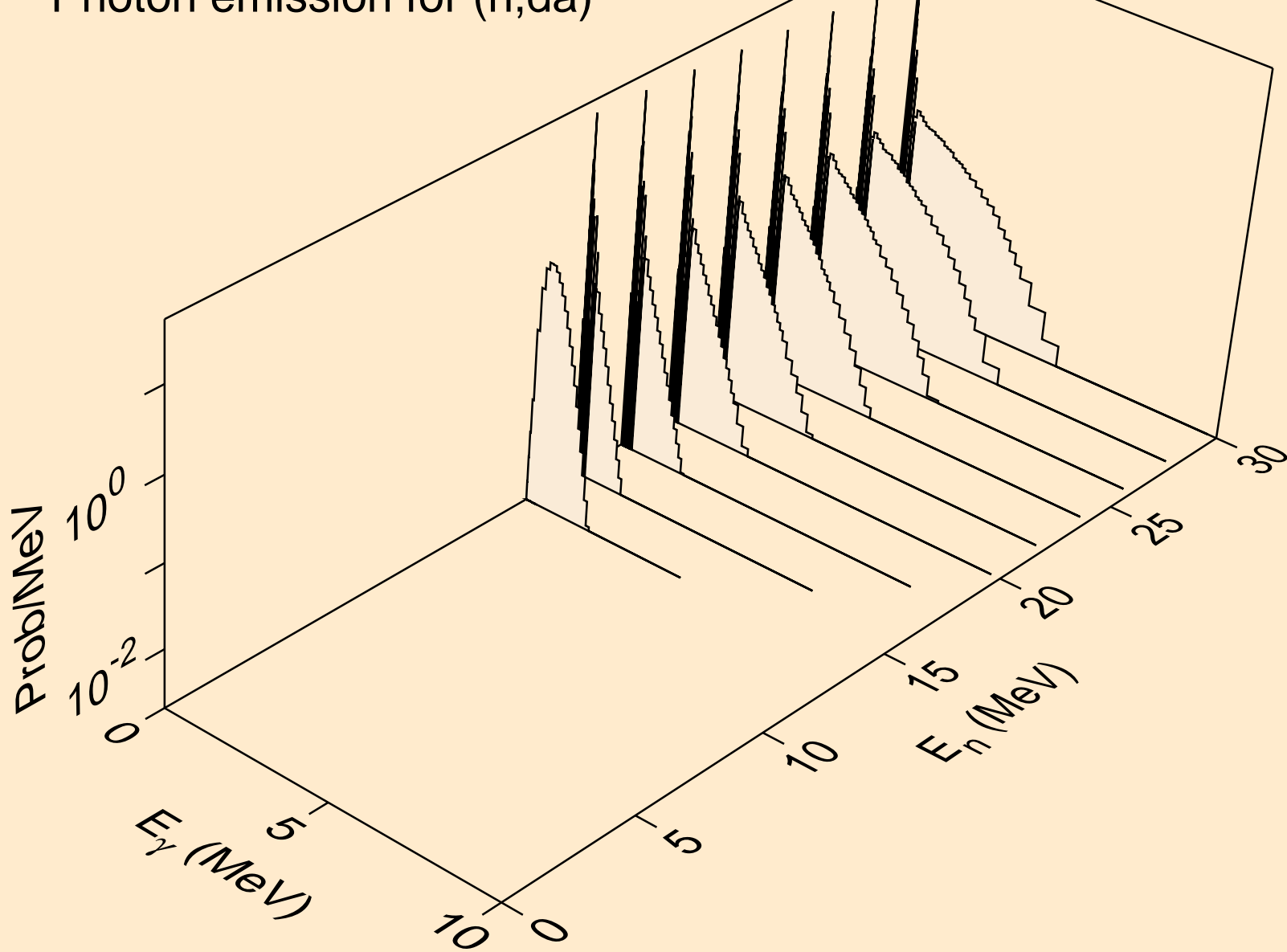
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Photon emission for (n,pd)



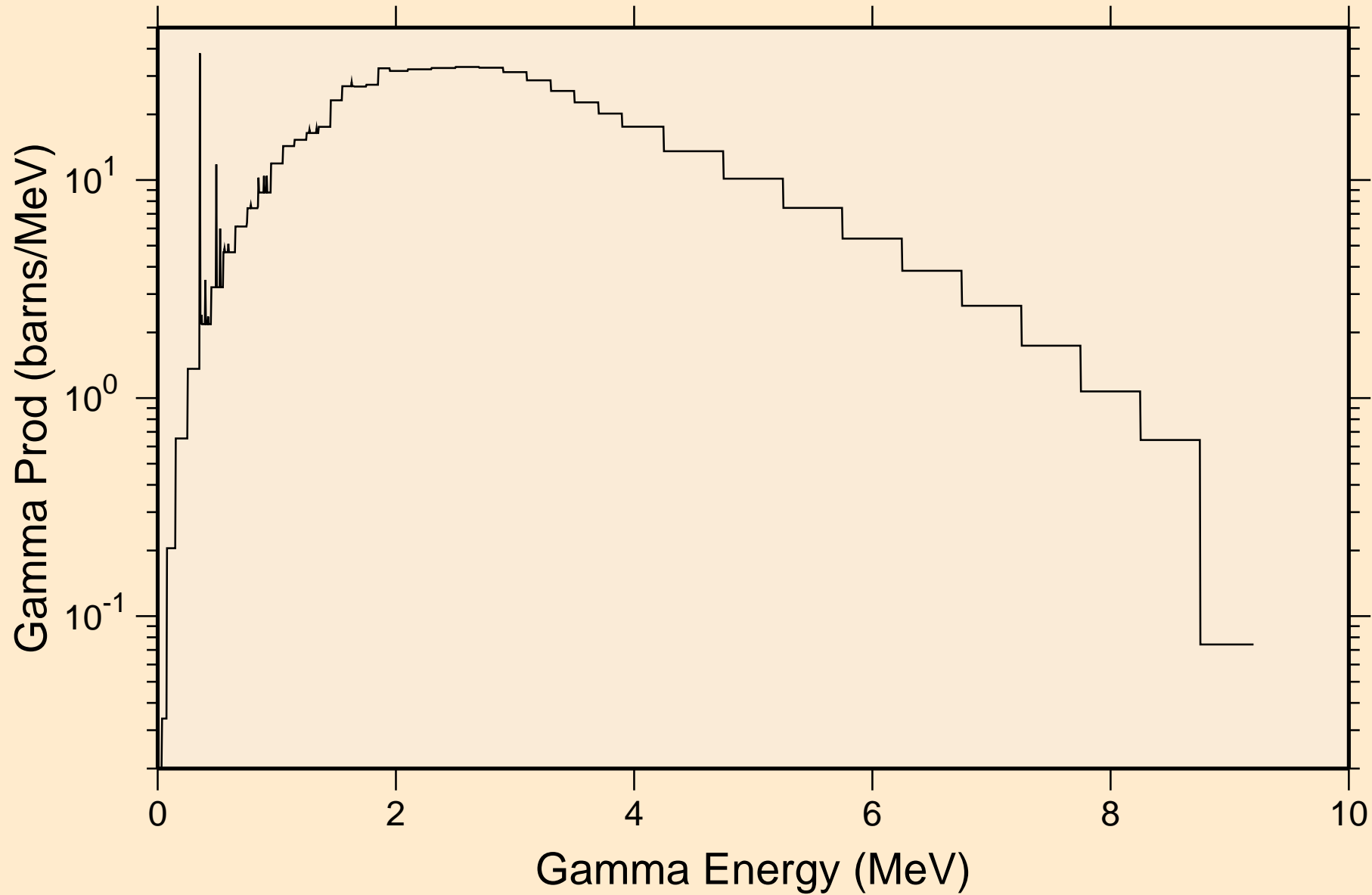
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Photon emission for (n,pt)



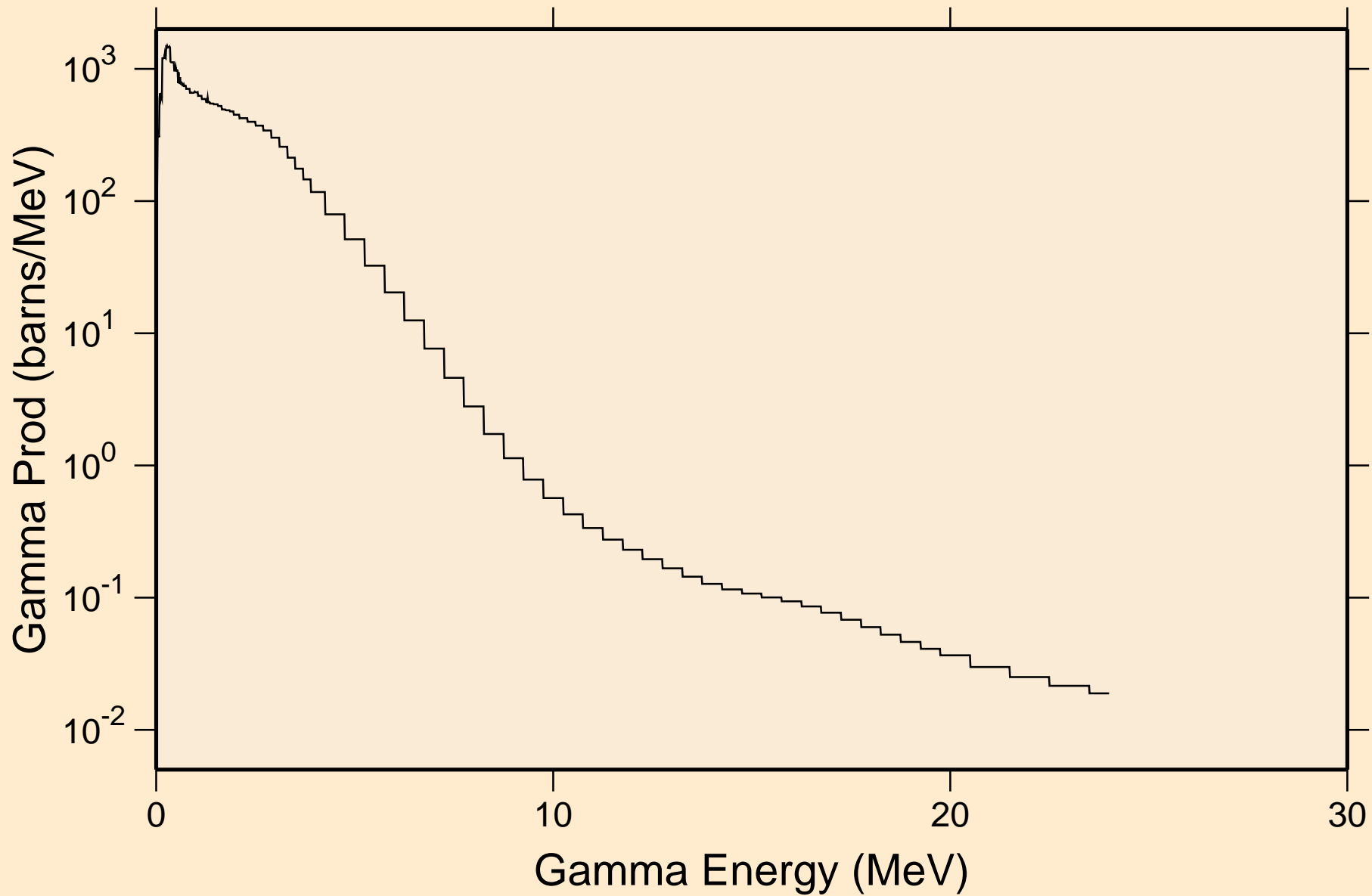
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Photon emission for (n,da)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



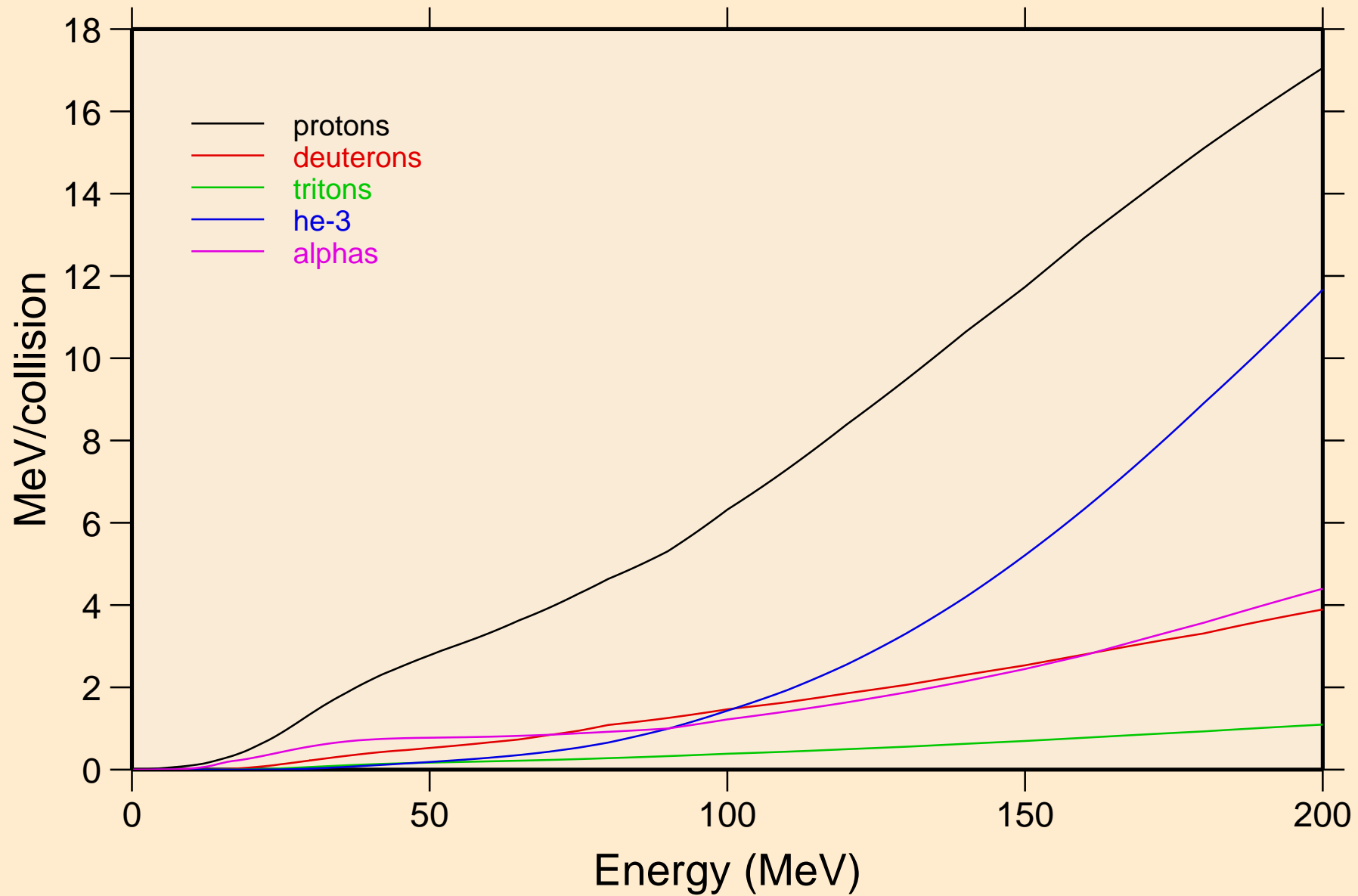
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14 MeV photon spectrum



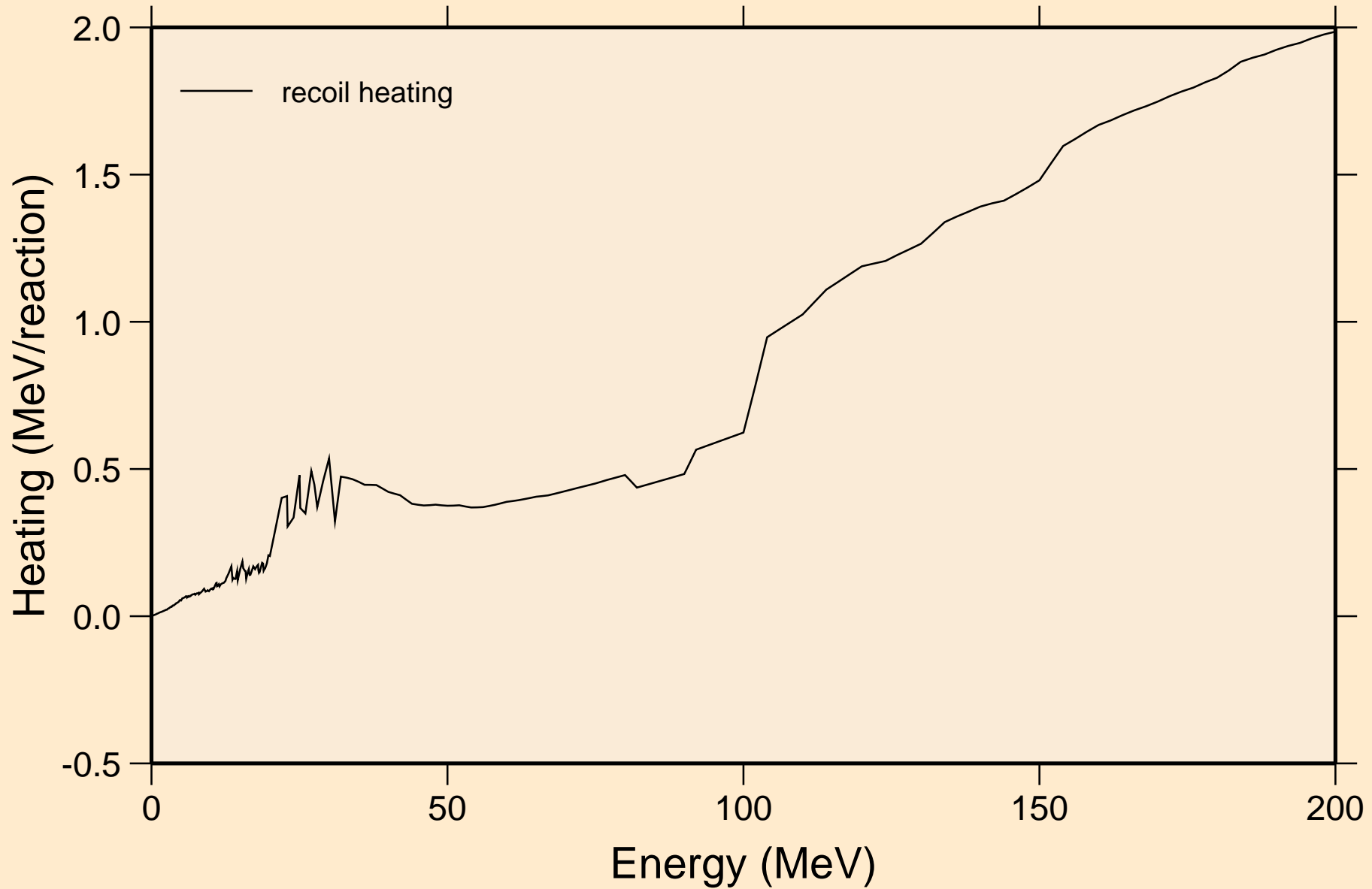


# XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

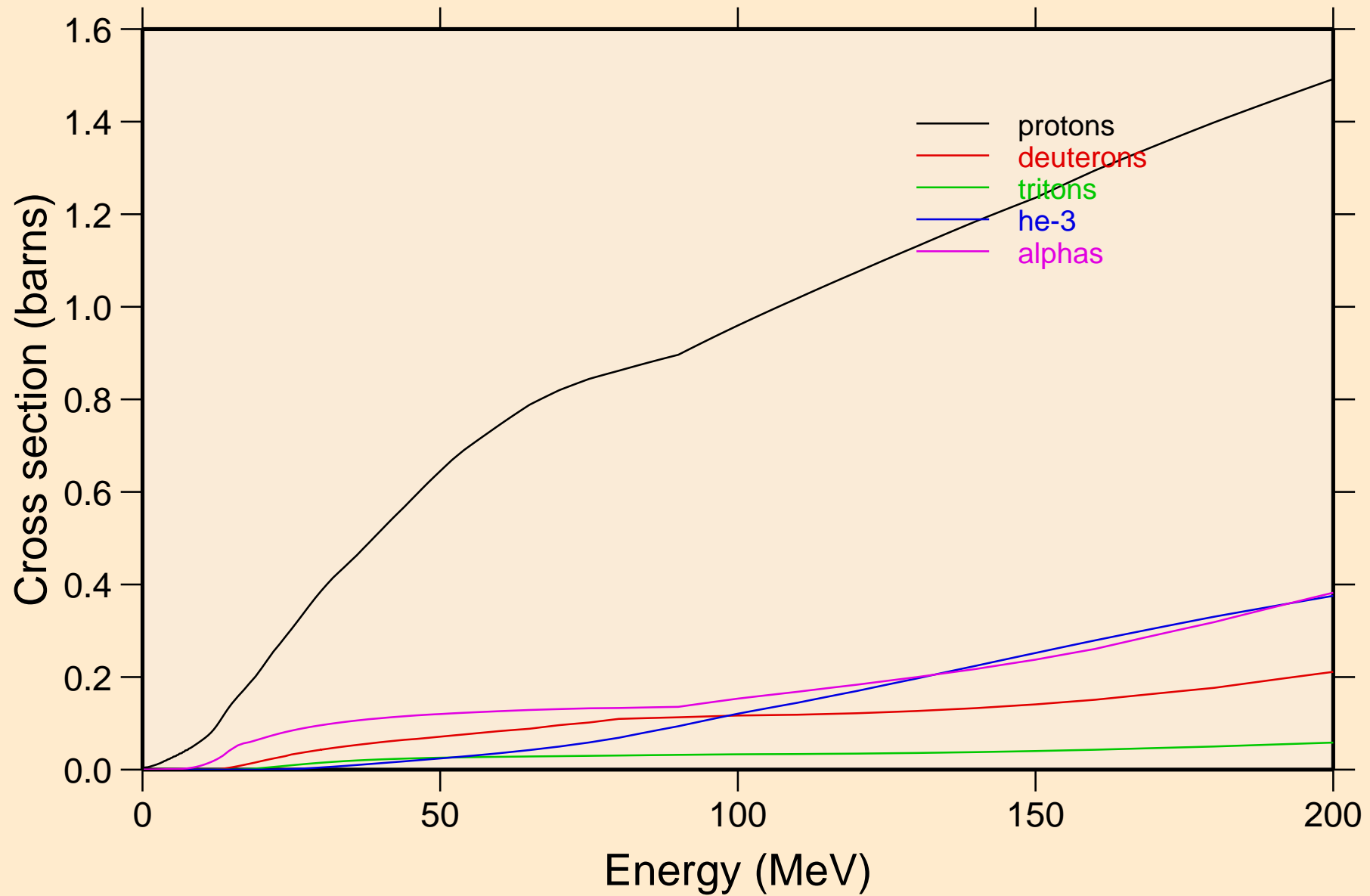
## Particle heating contributions



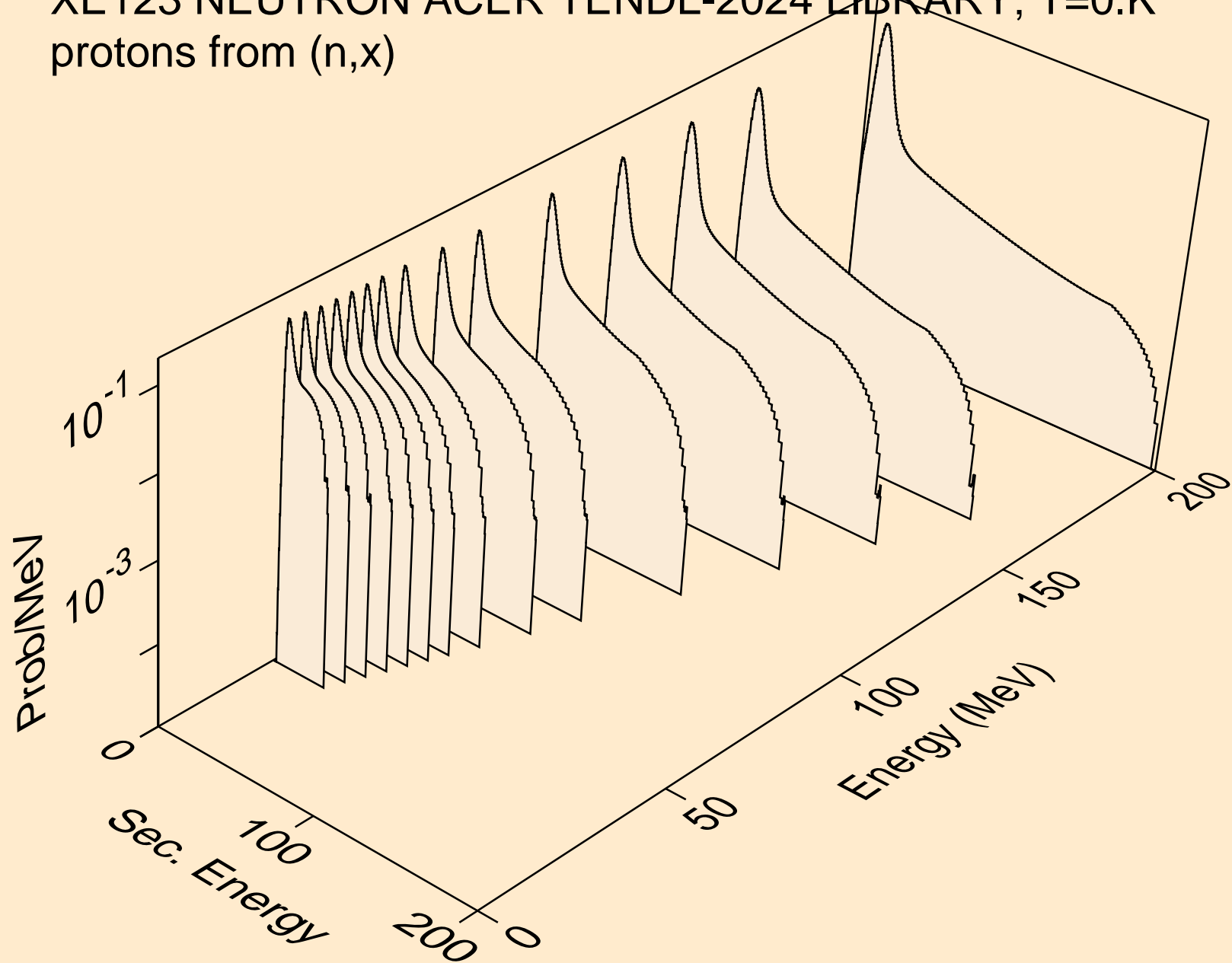
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Recoil Heating



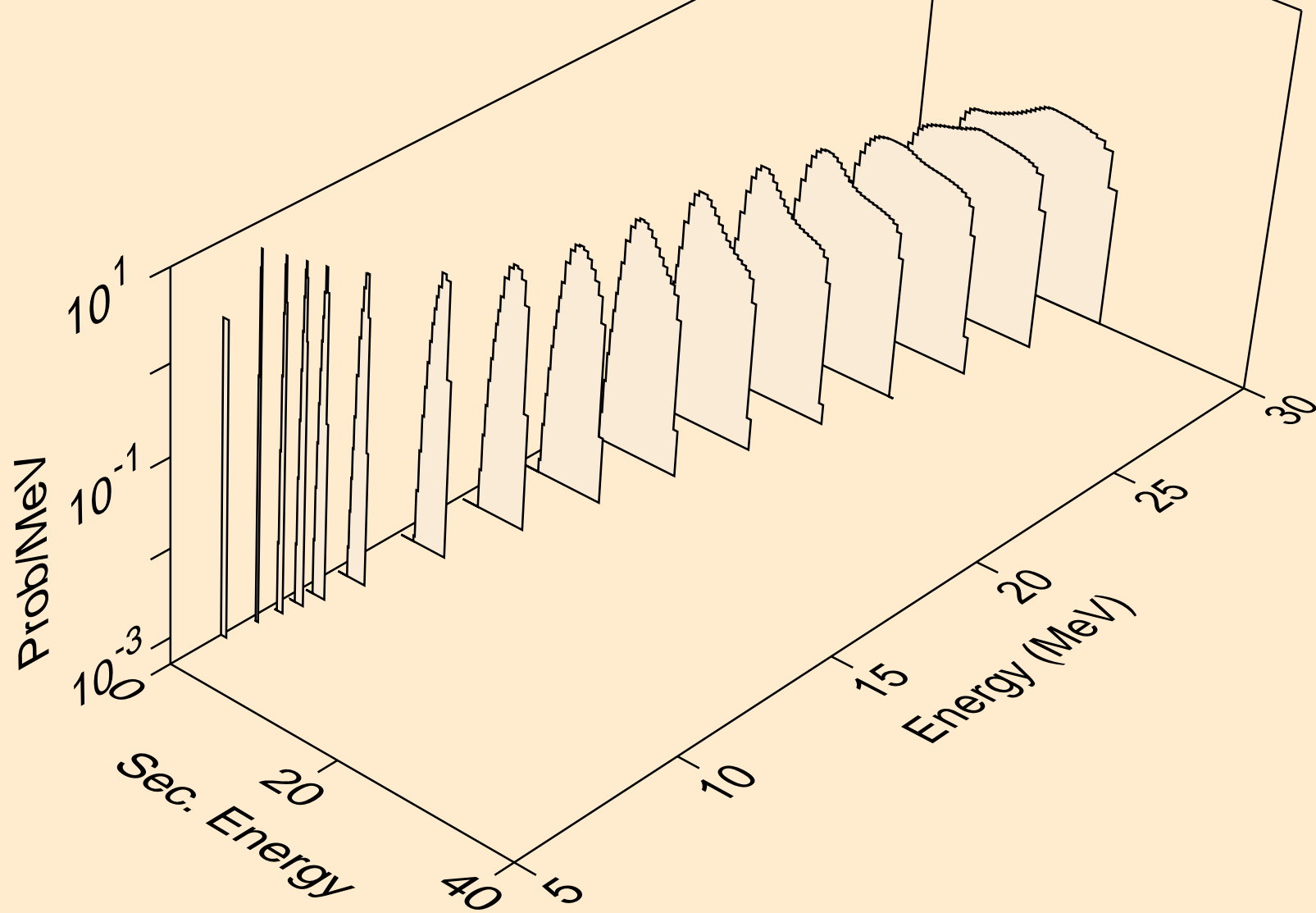
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Particle production cross sections



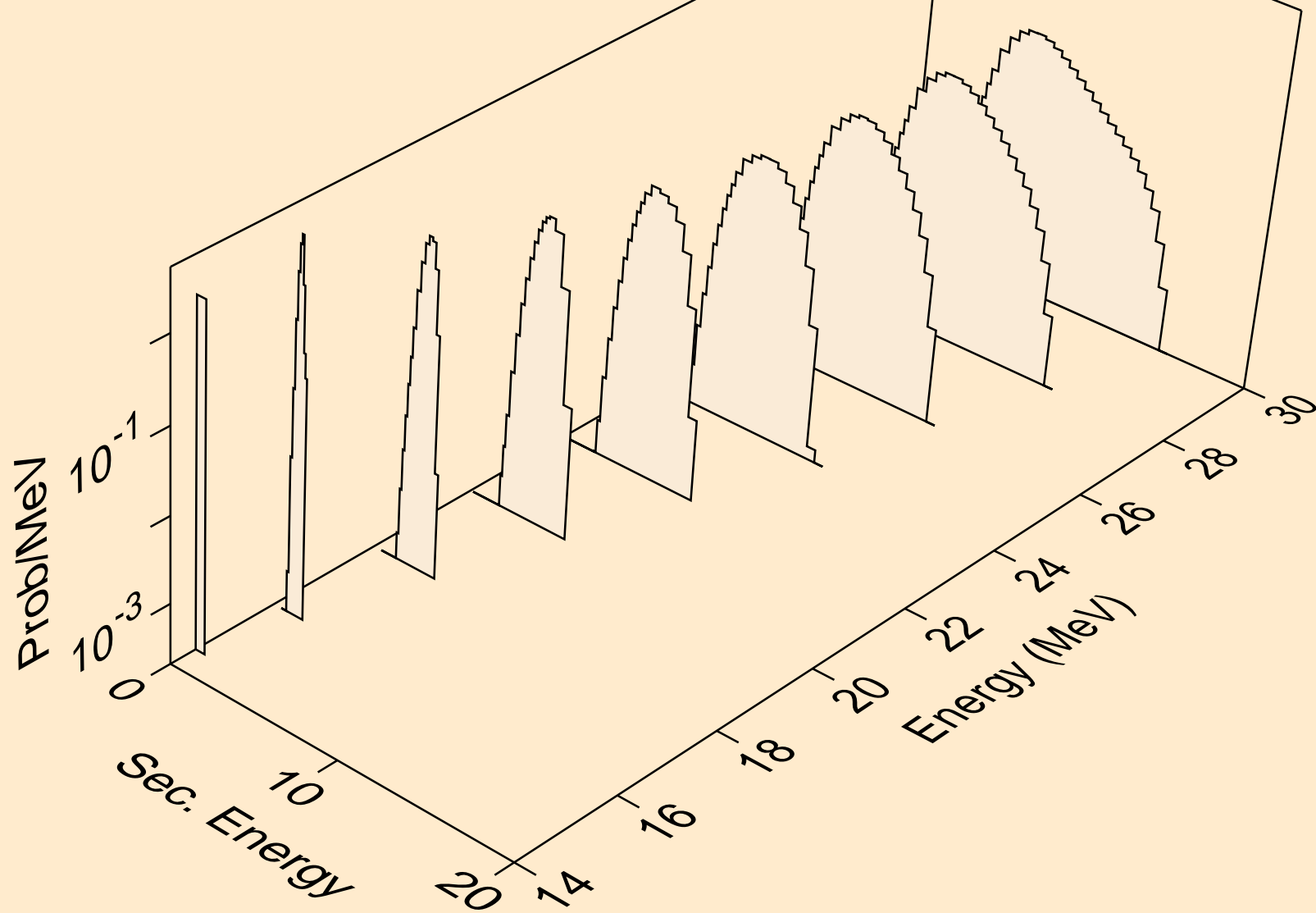
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



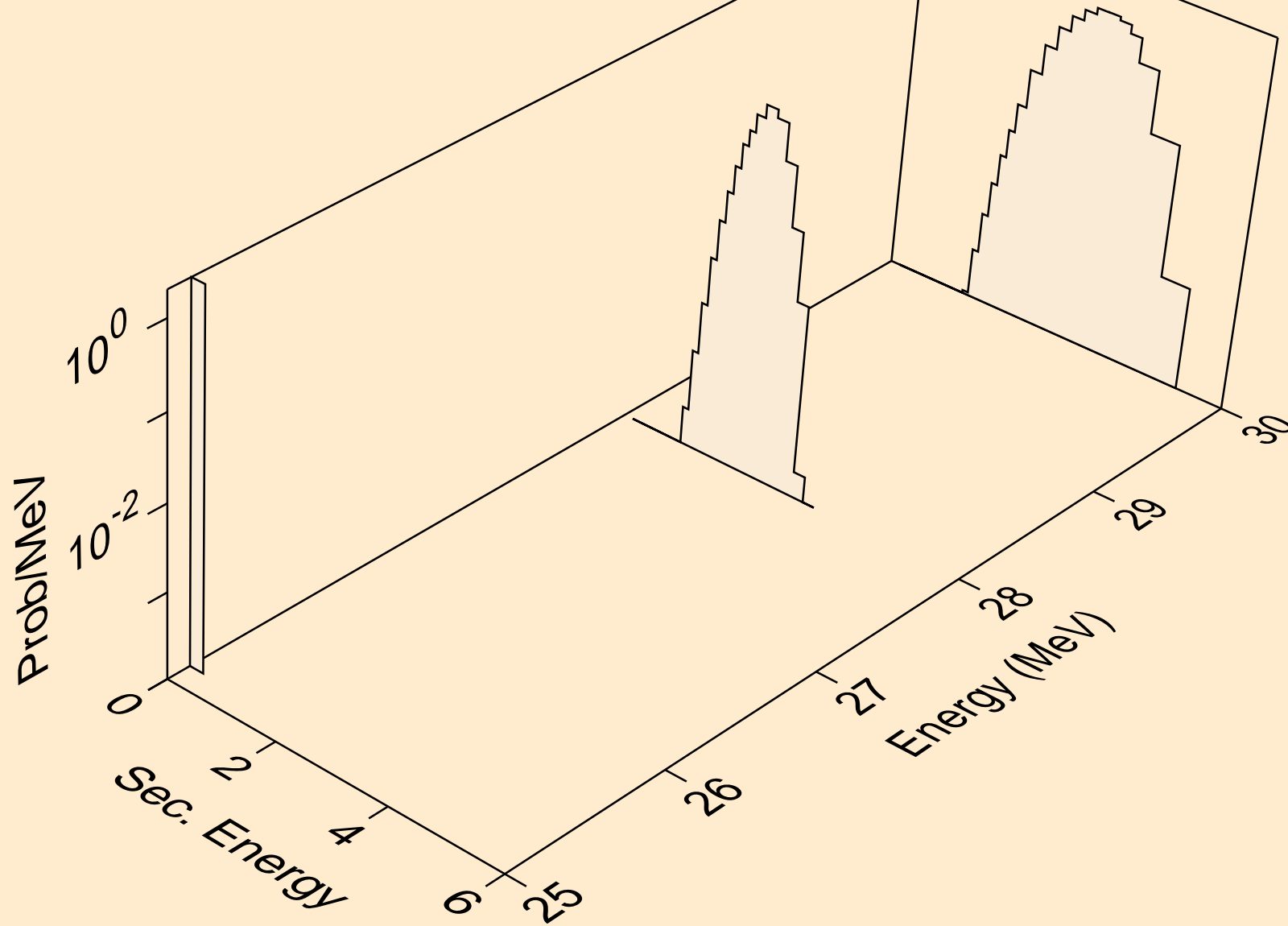
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protons from (n,n\*)p



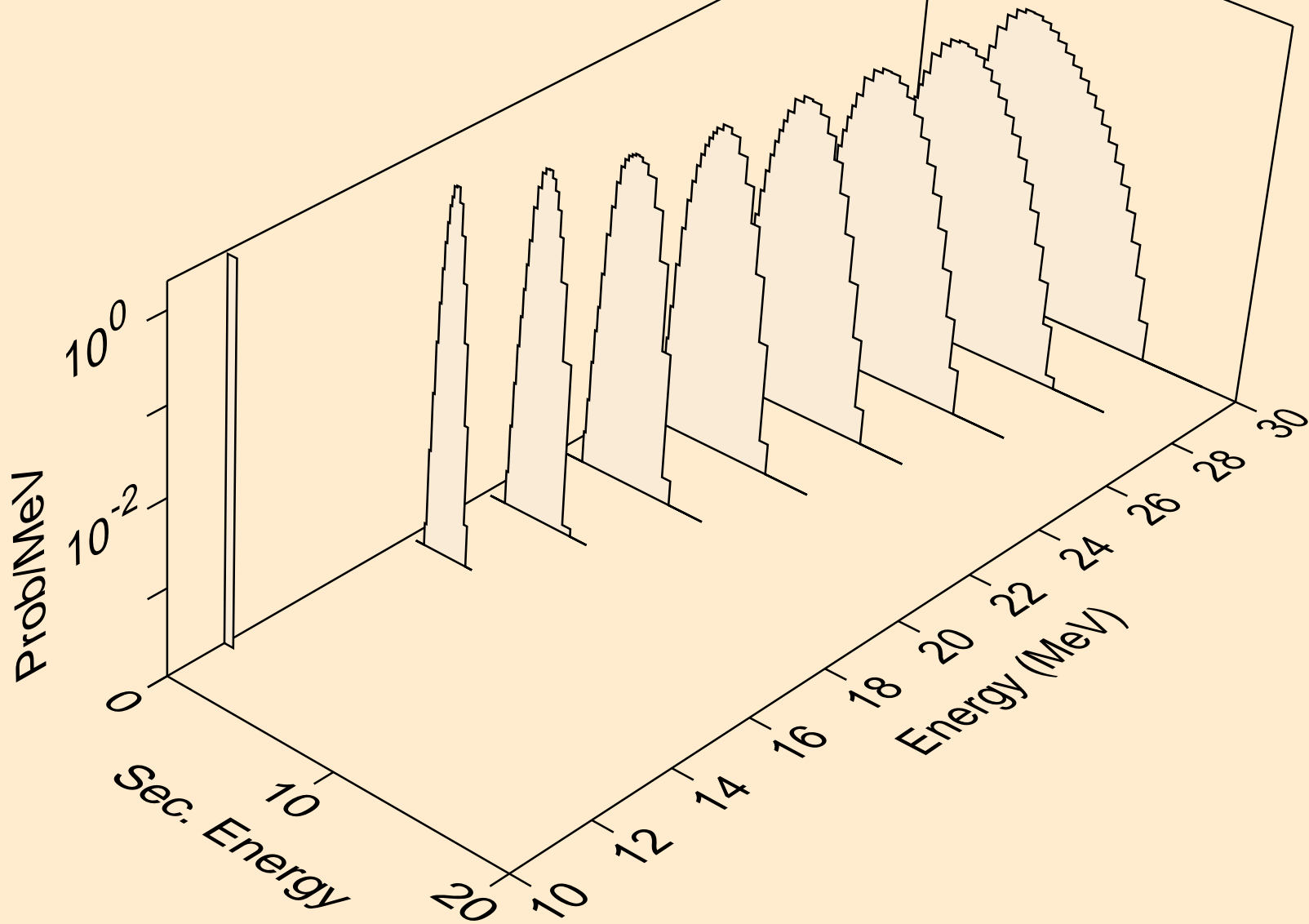
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protons from (n,2np)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

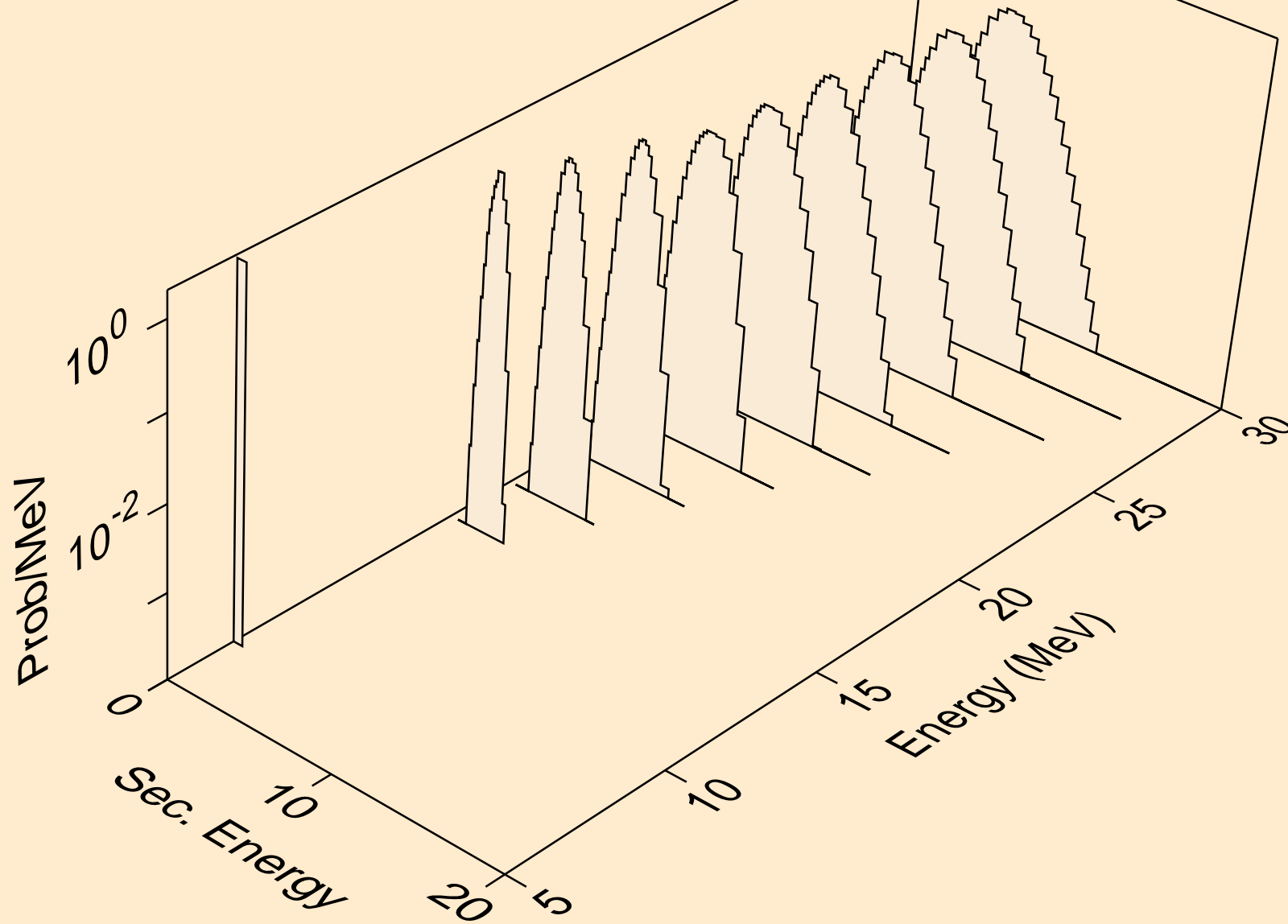


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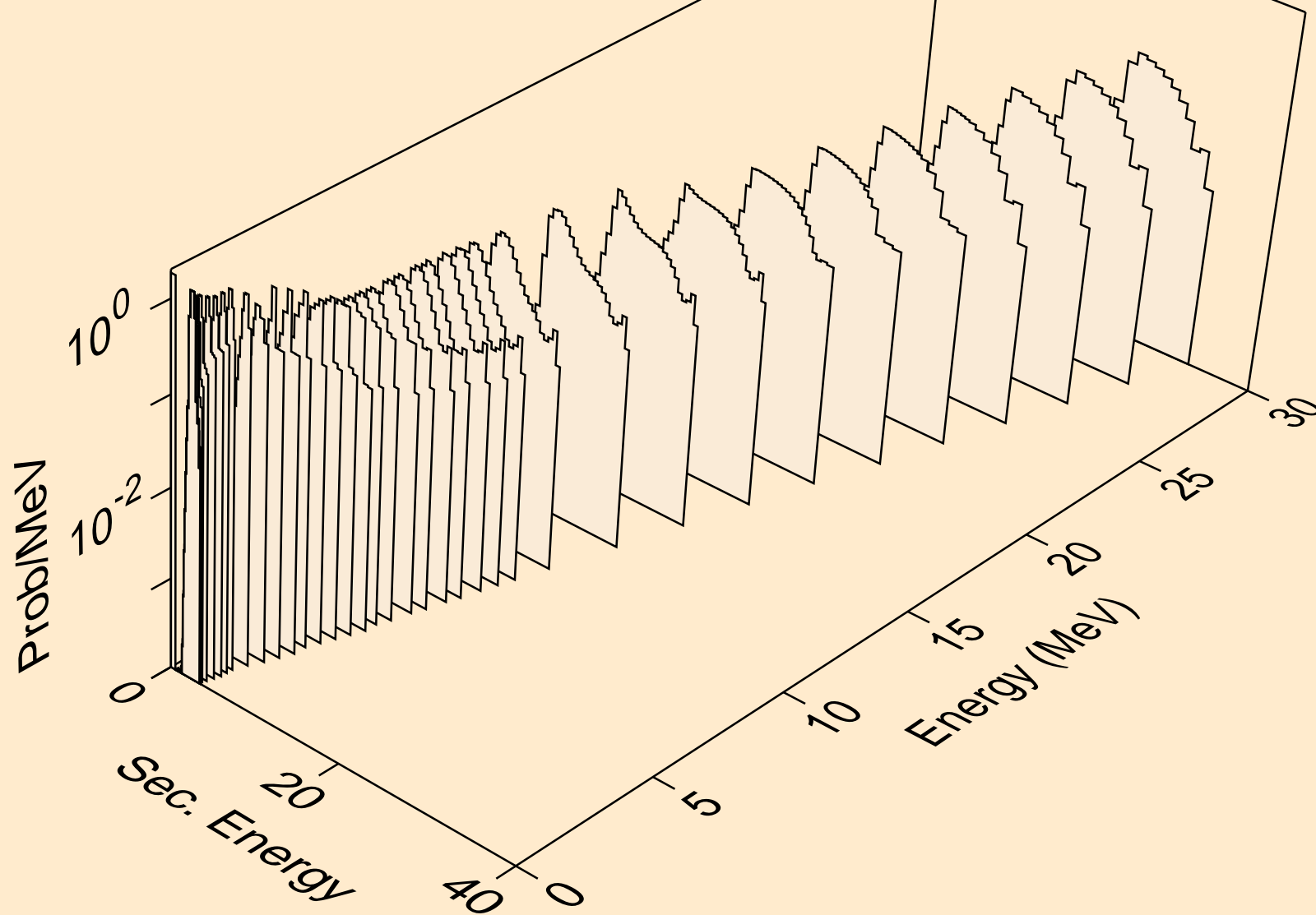




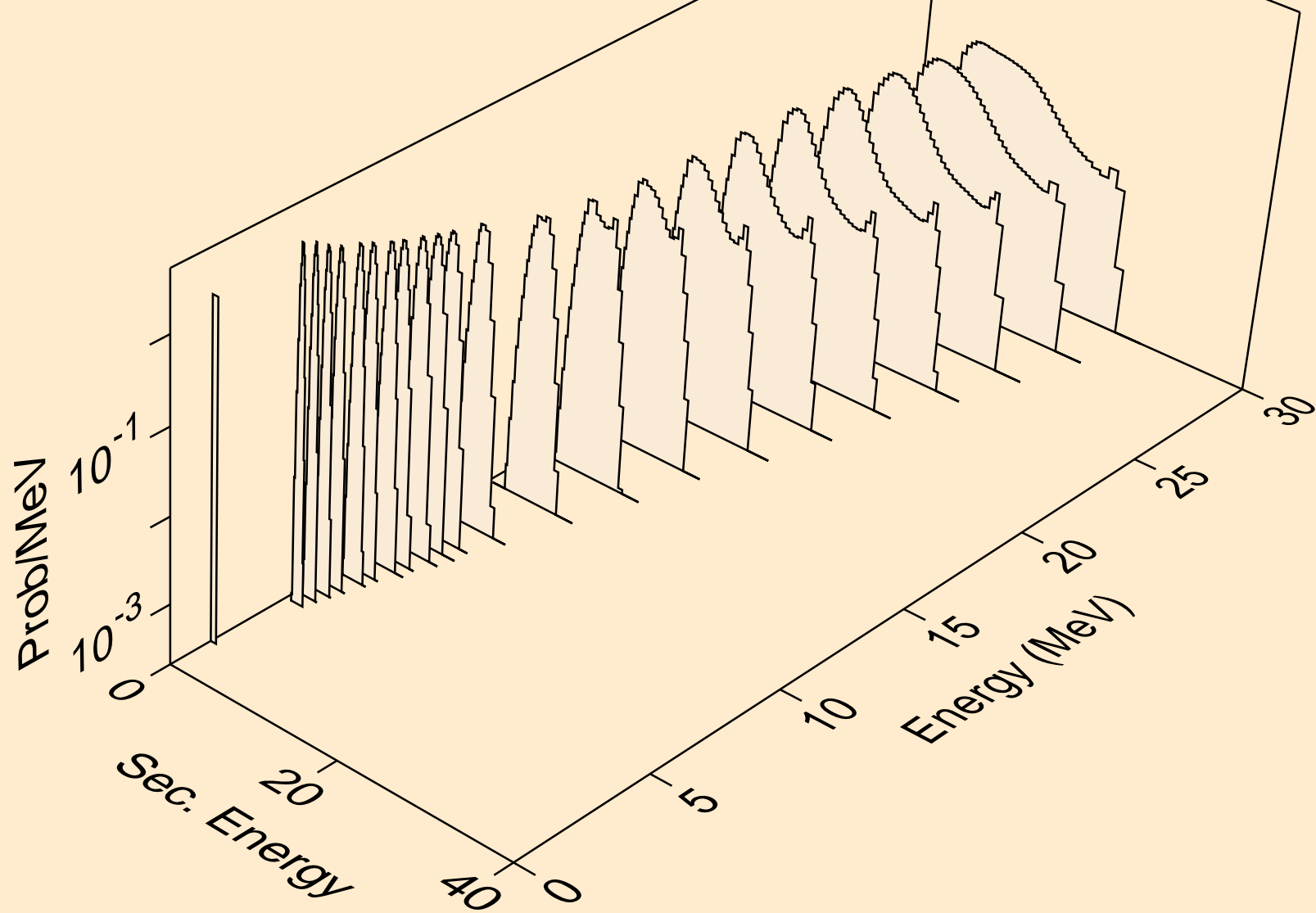
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protons from (n,npa)



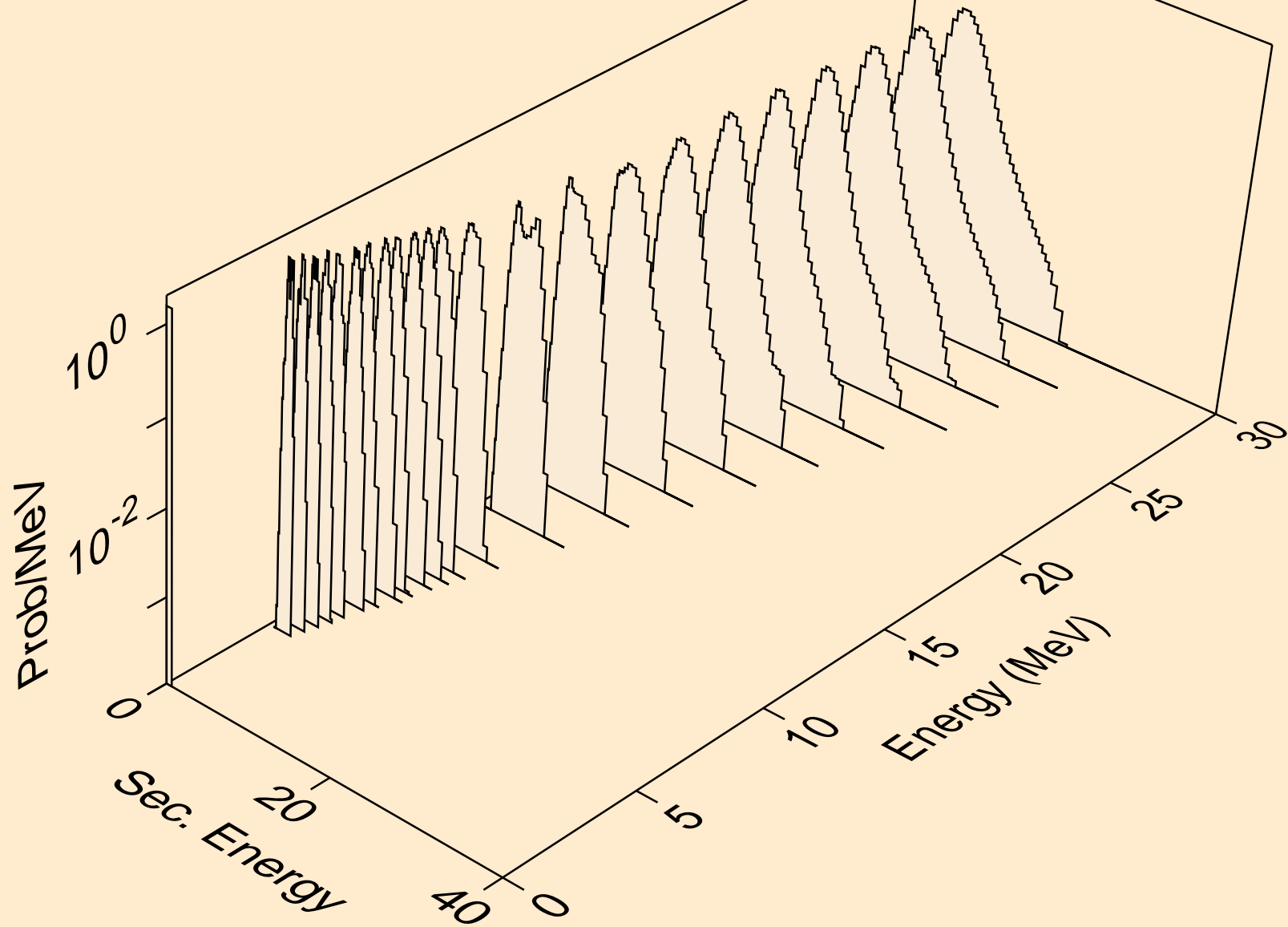
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protons from (n,p)



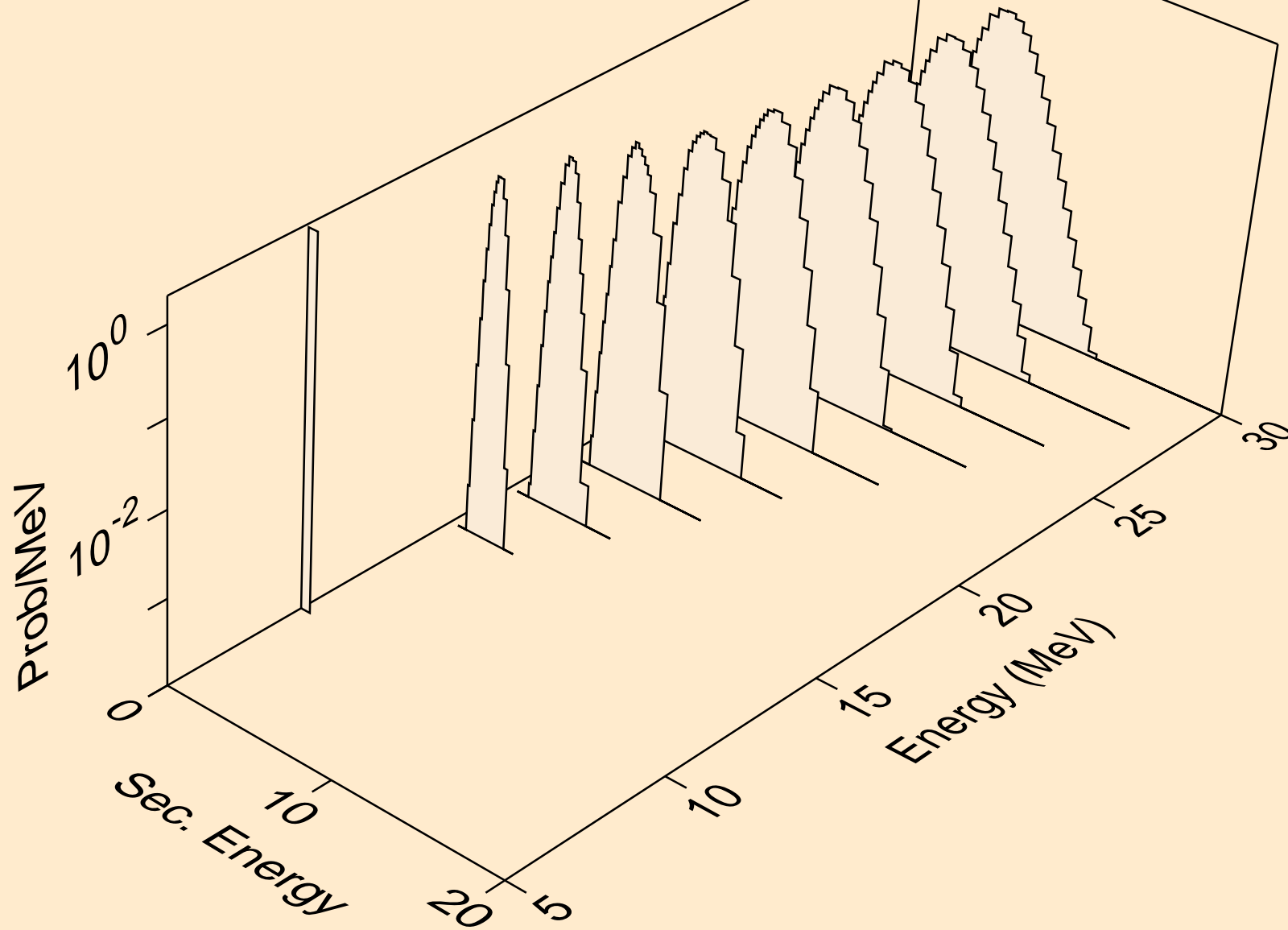
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protons from (n,2p)



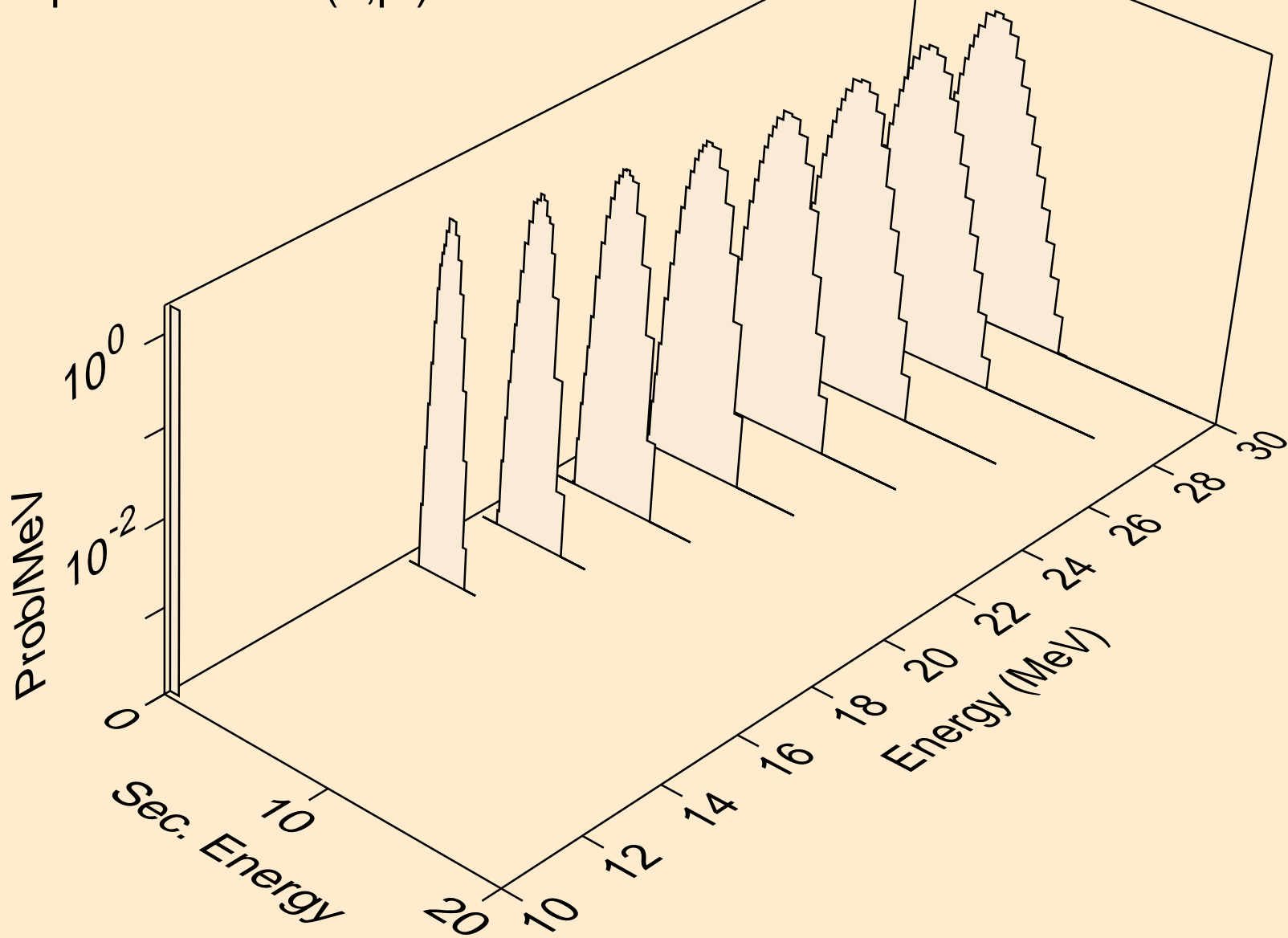
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protons from (n,p)



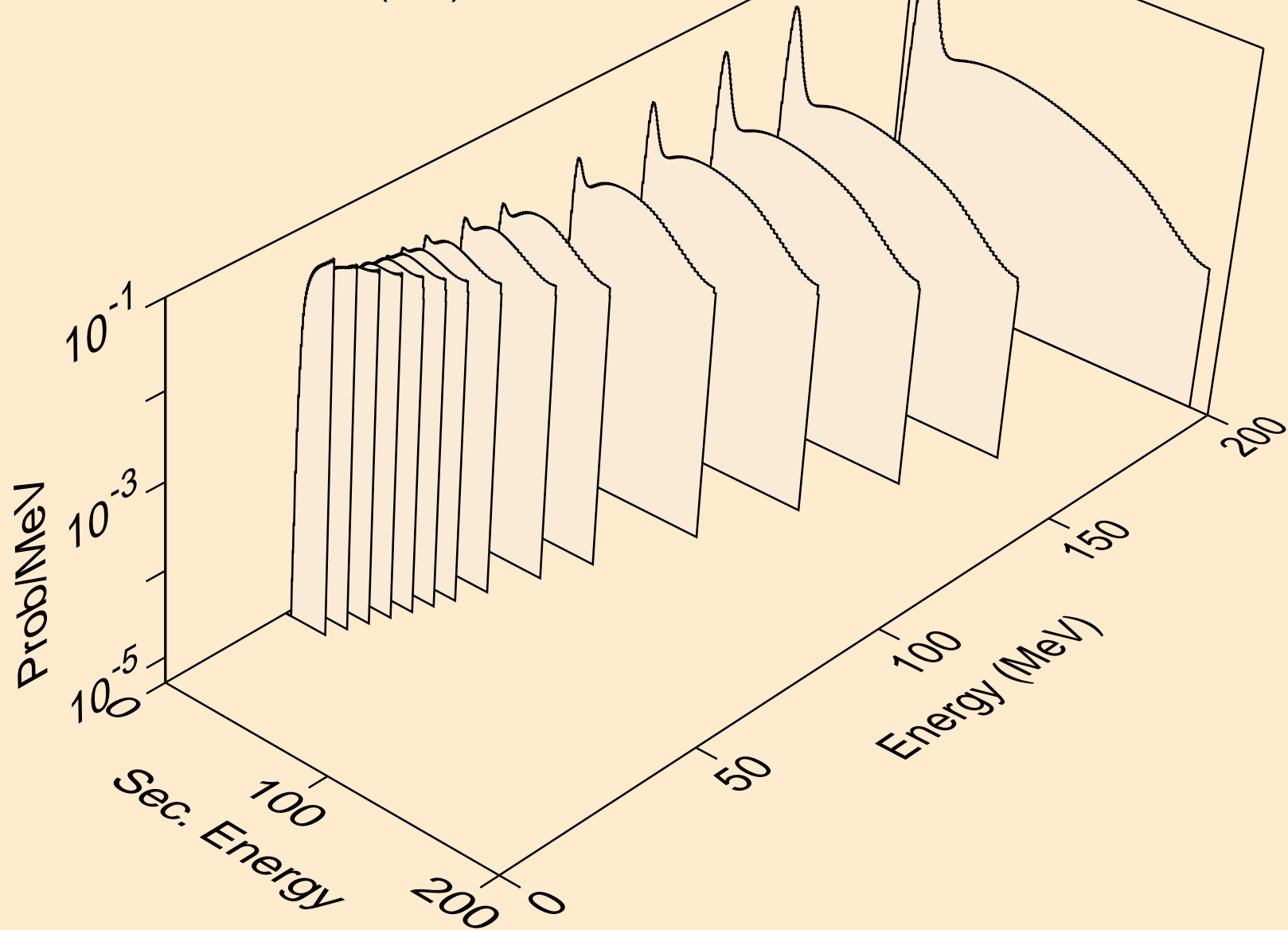
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protons from (n,pd)



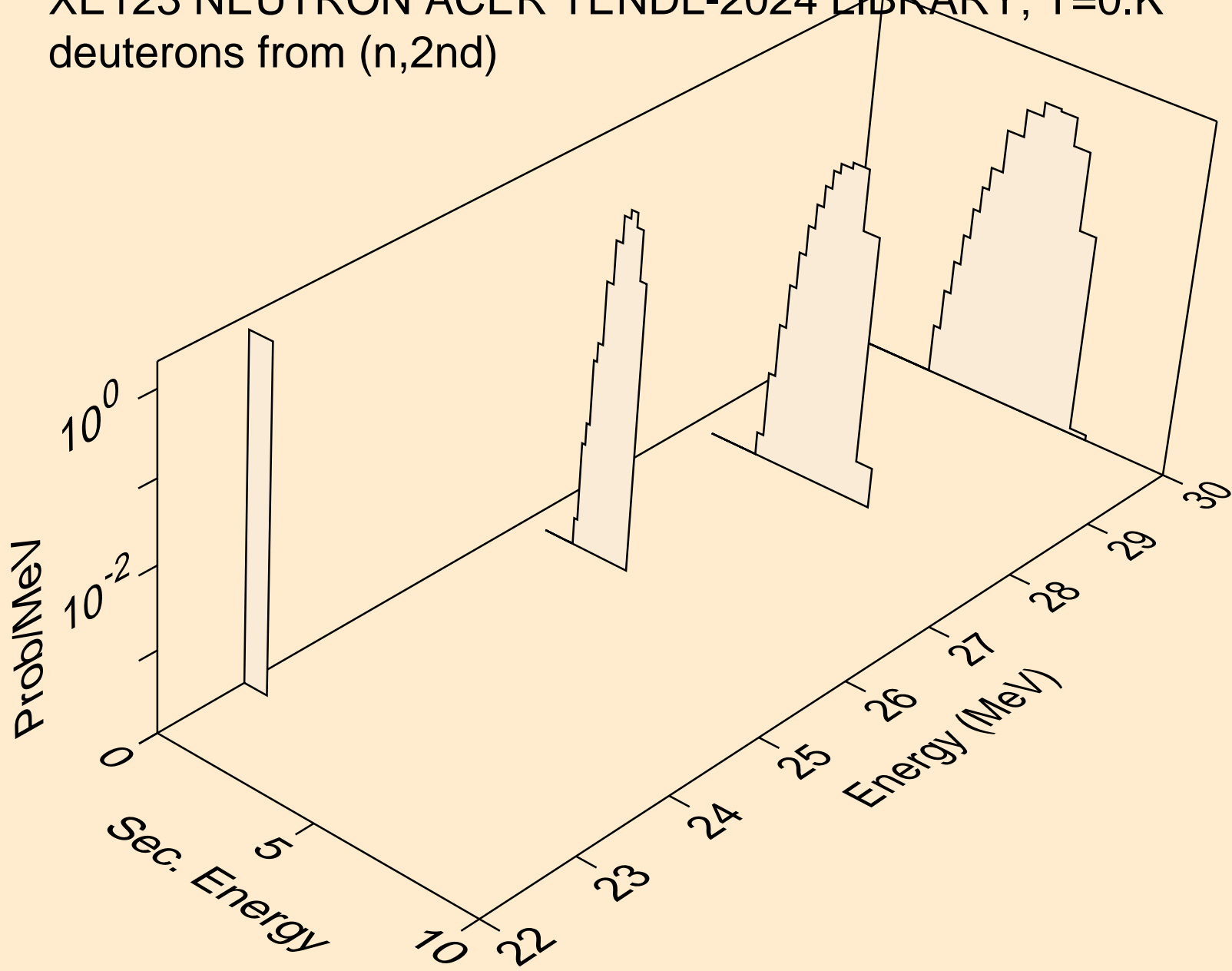
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protons from (n,pt)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

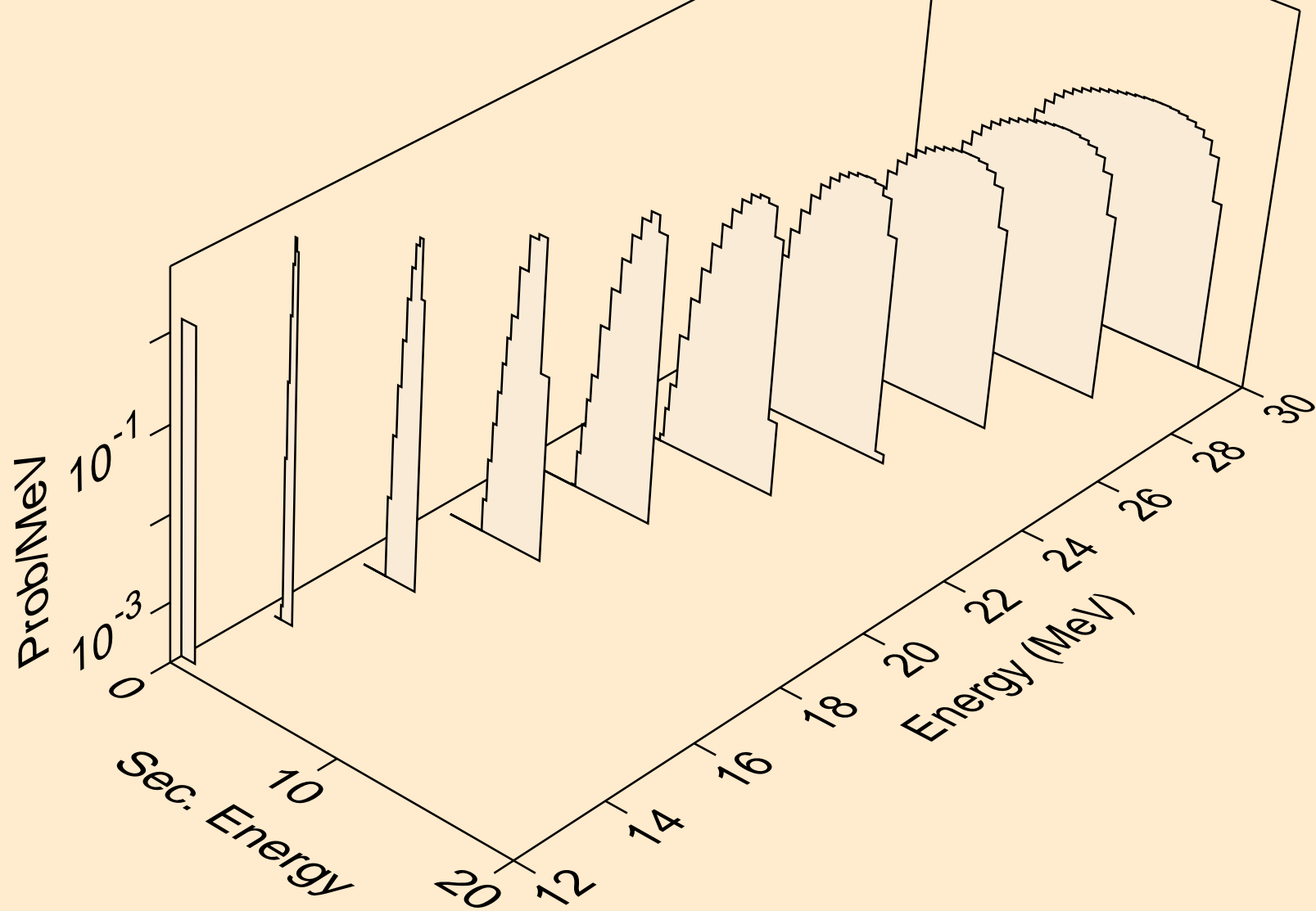


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deuterons from (n,2nd)

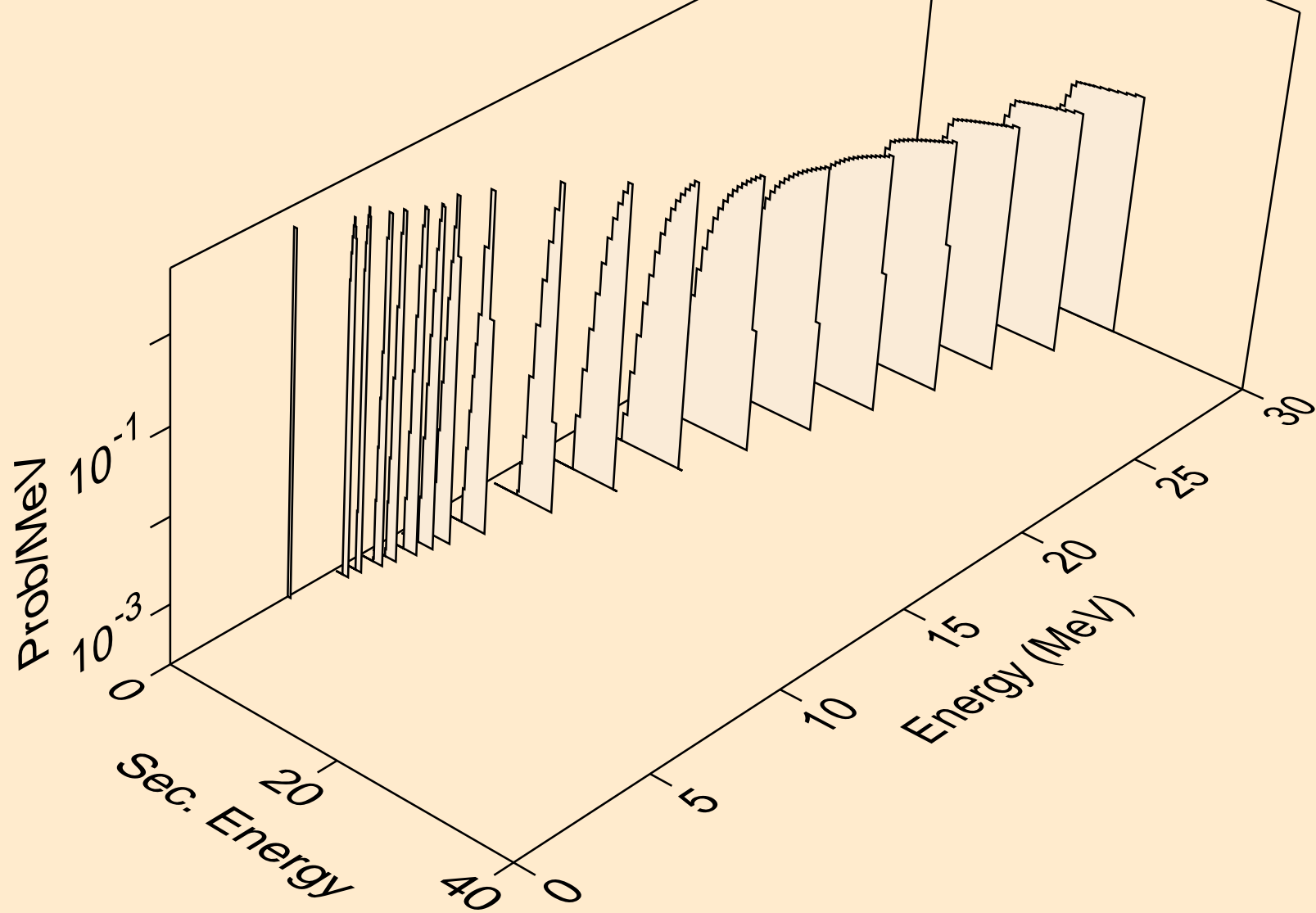




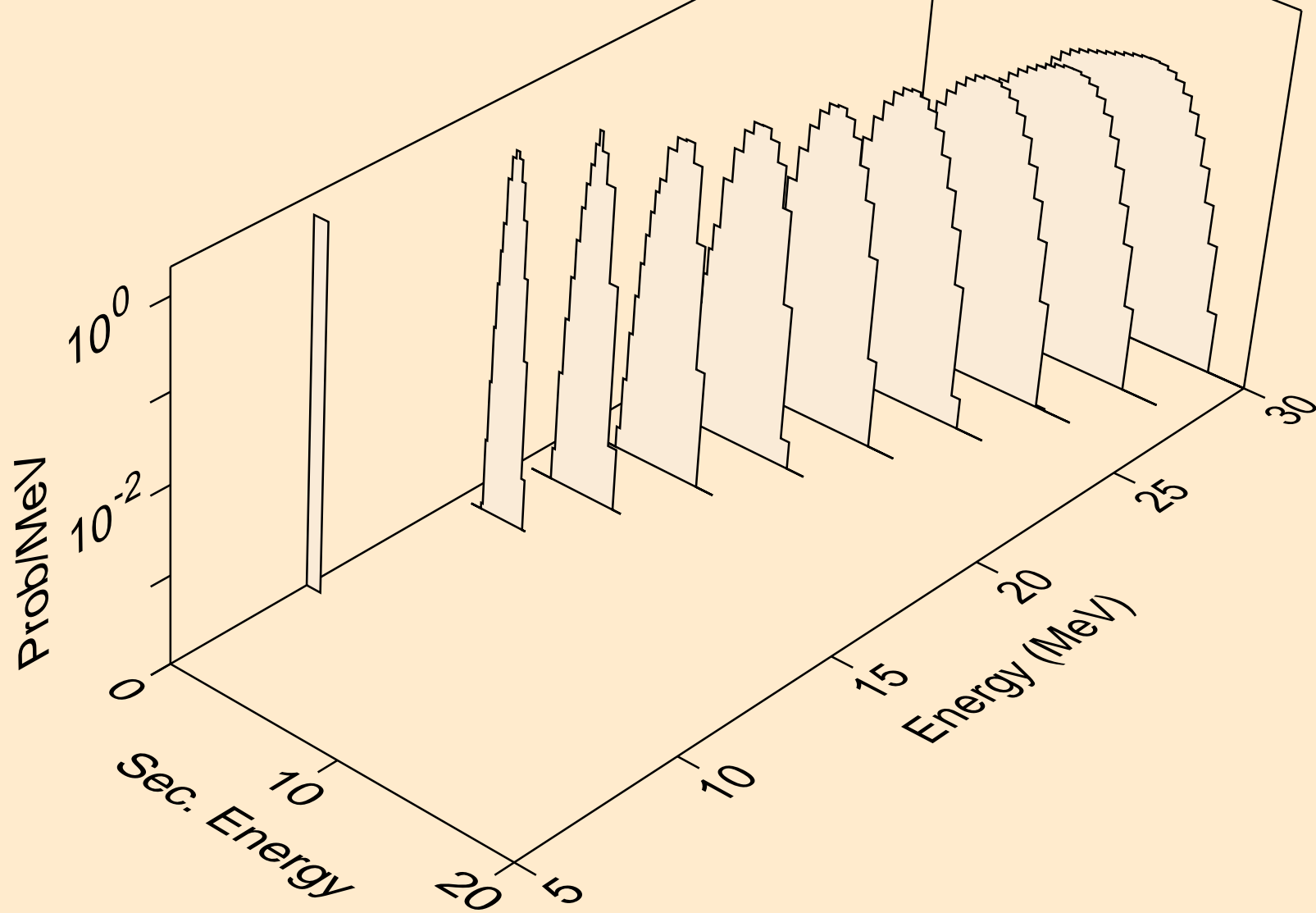
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deuterons from (n,n\*)d



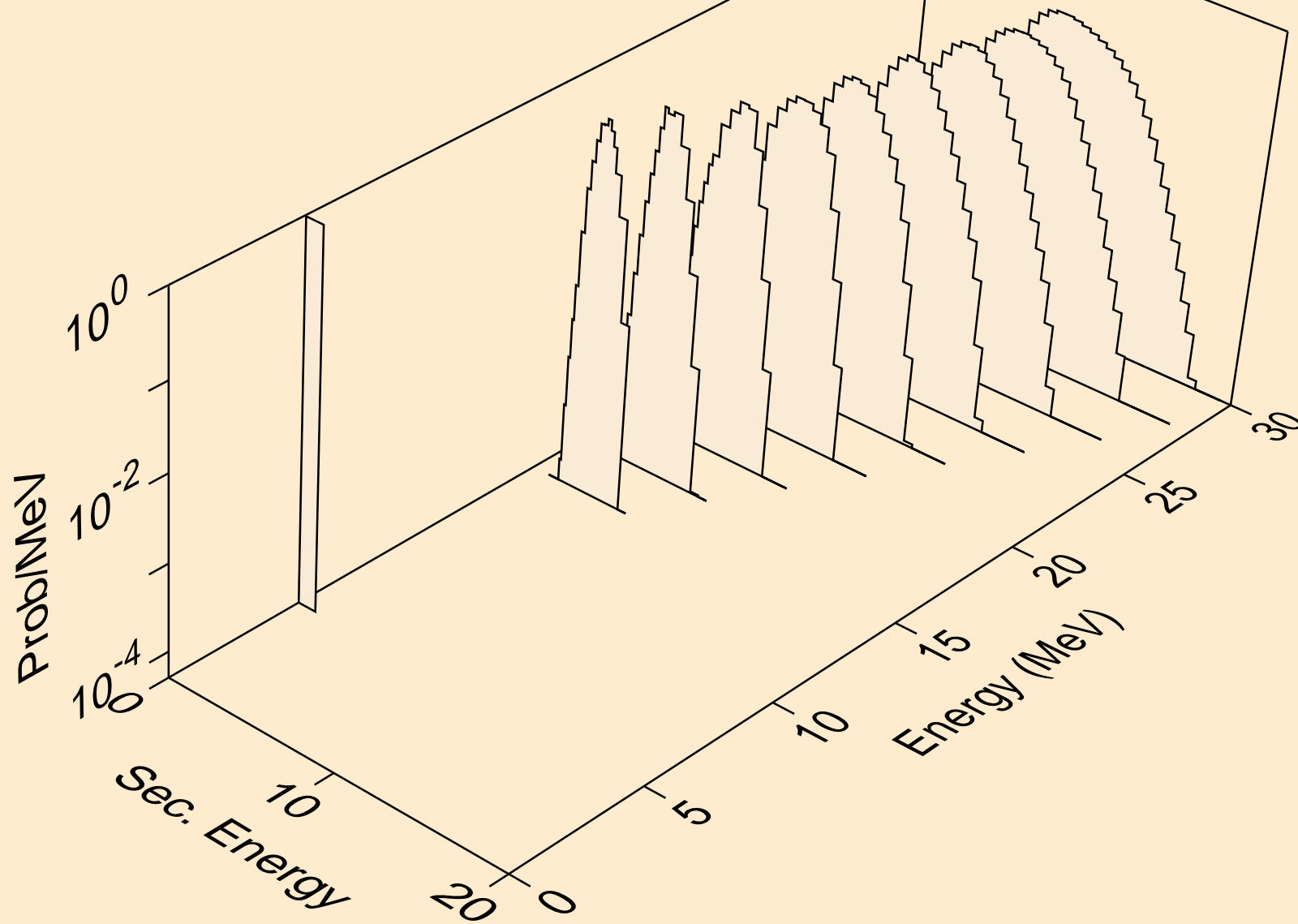
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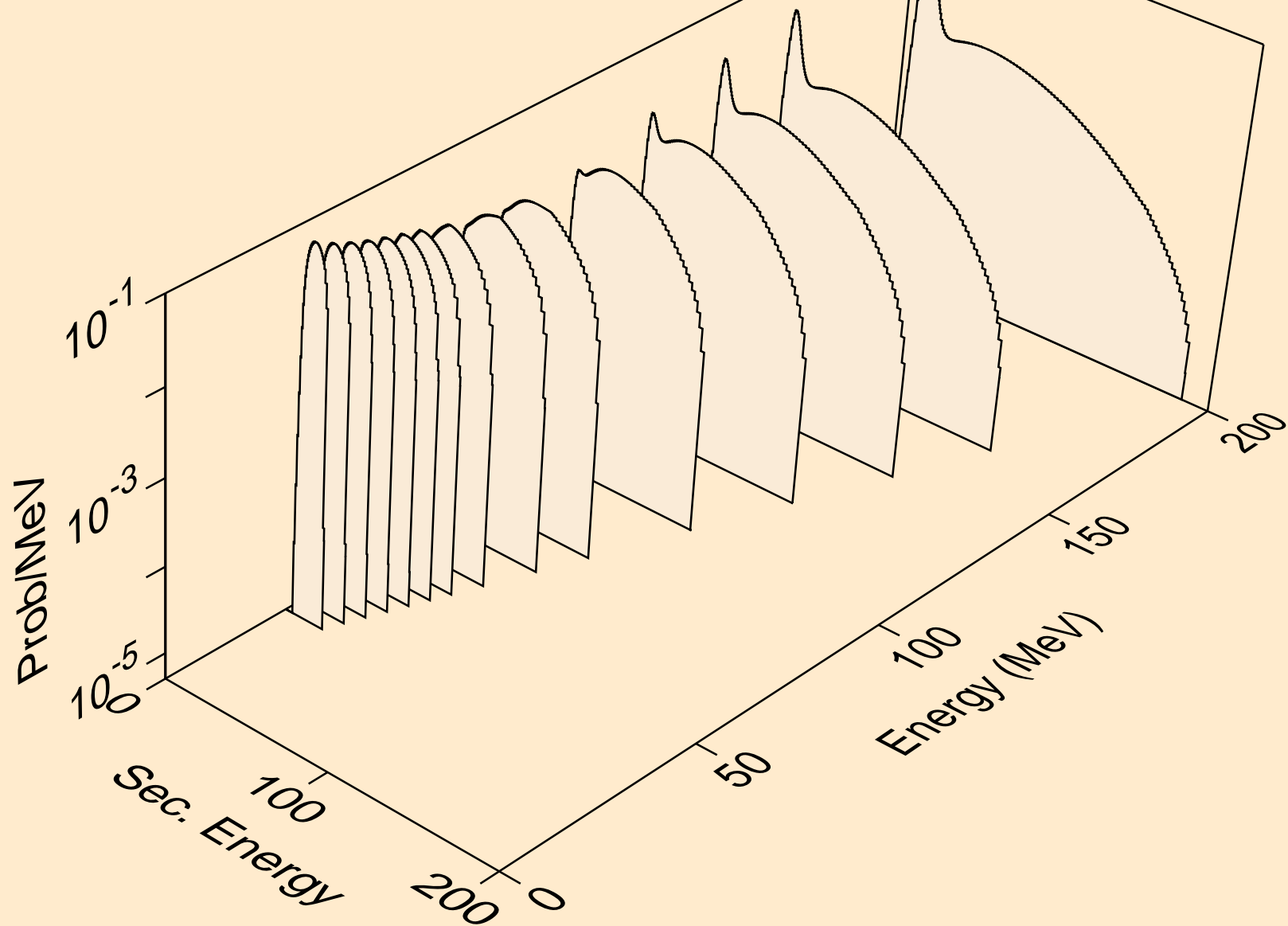
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deuterons from (n,pd)



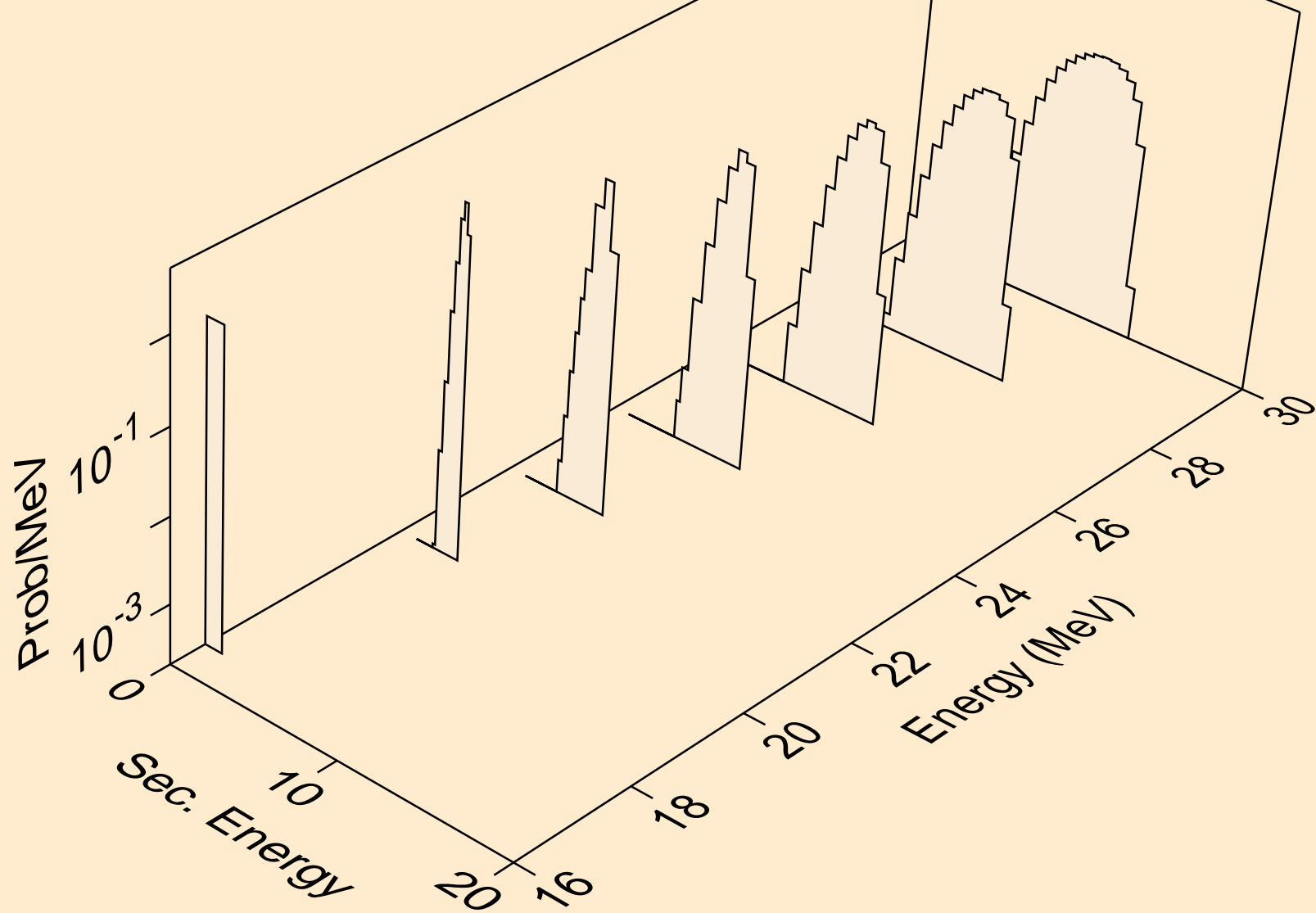
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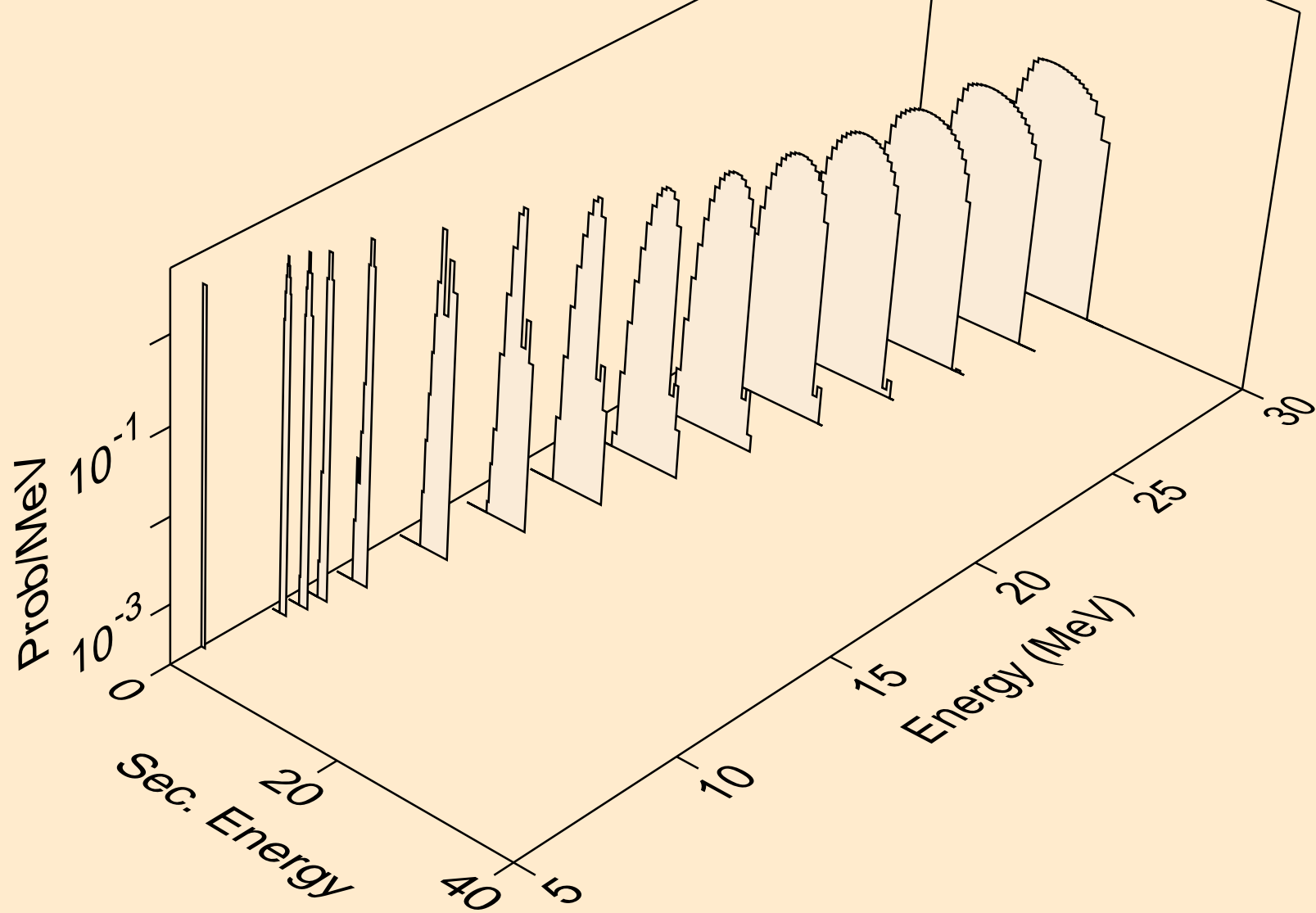
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



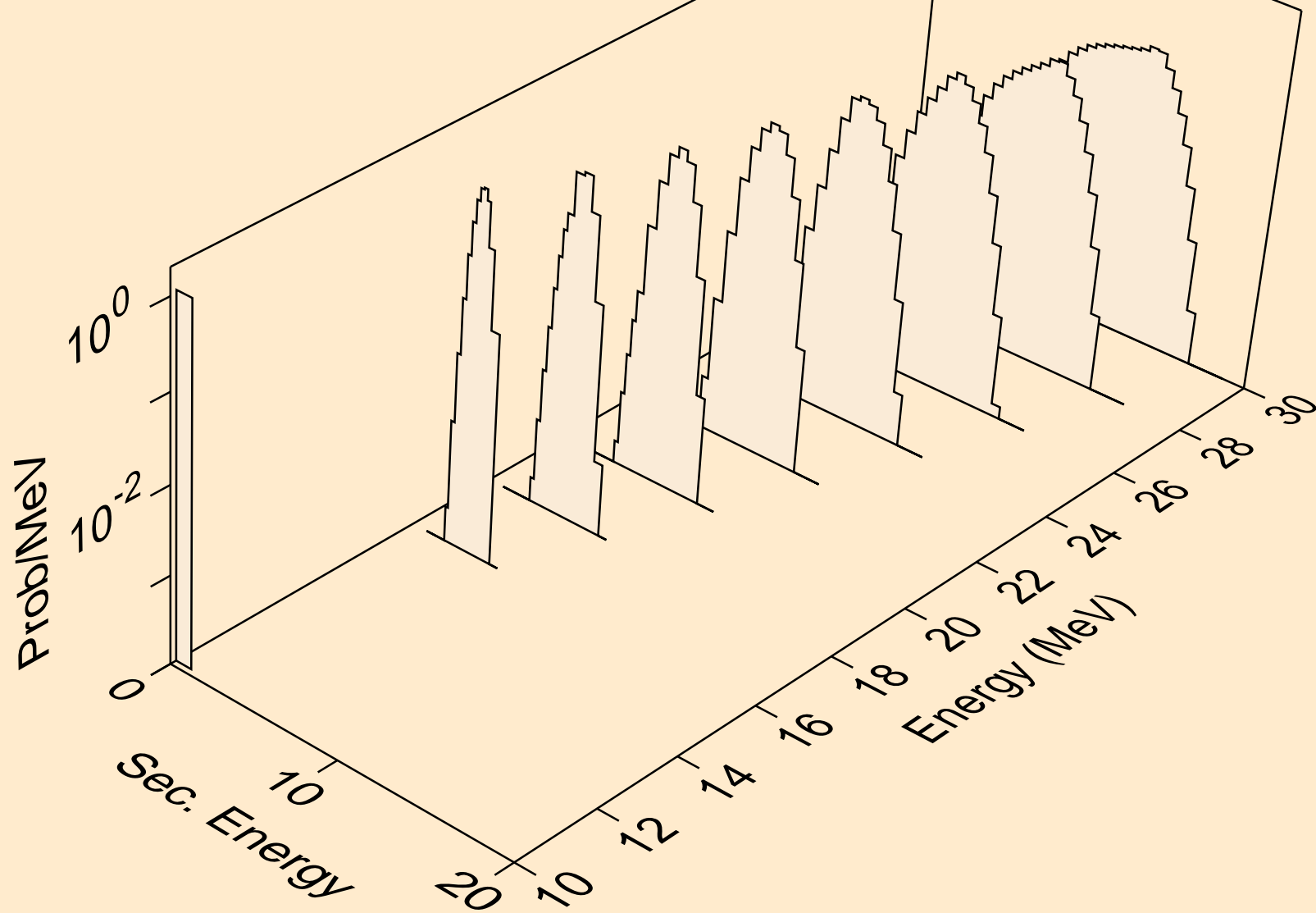
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

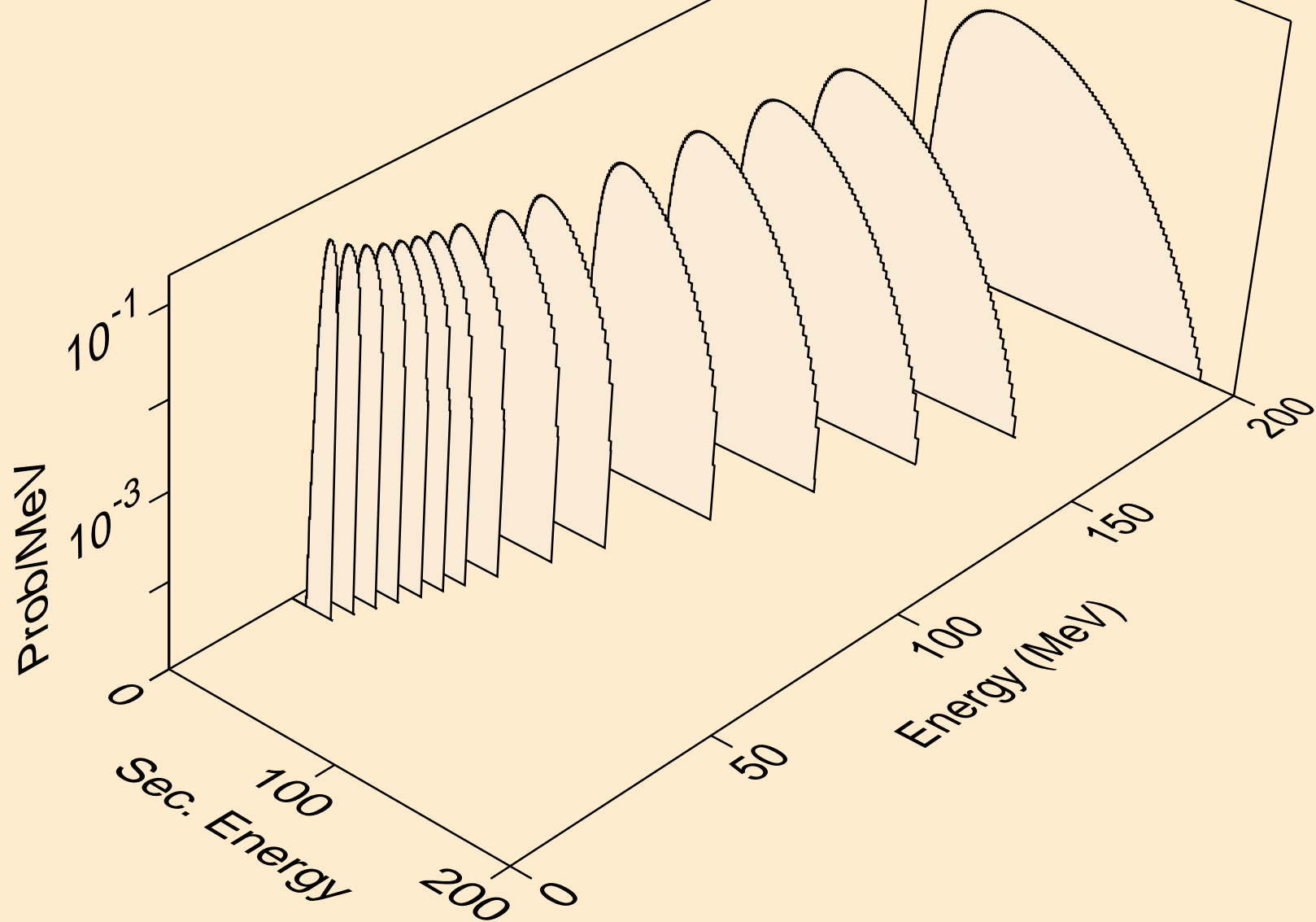


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

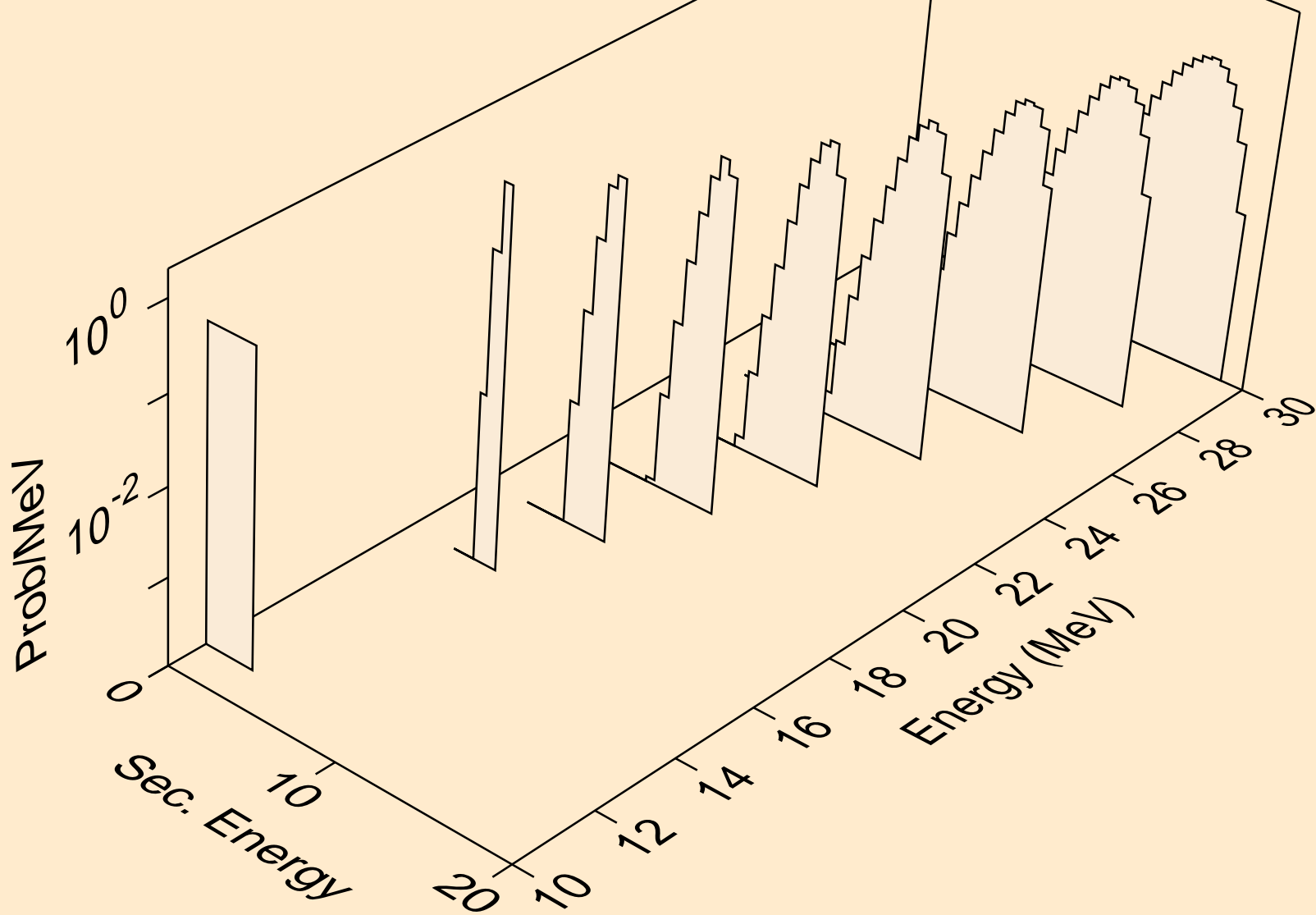




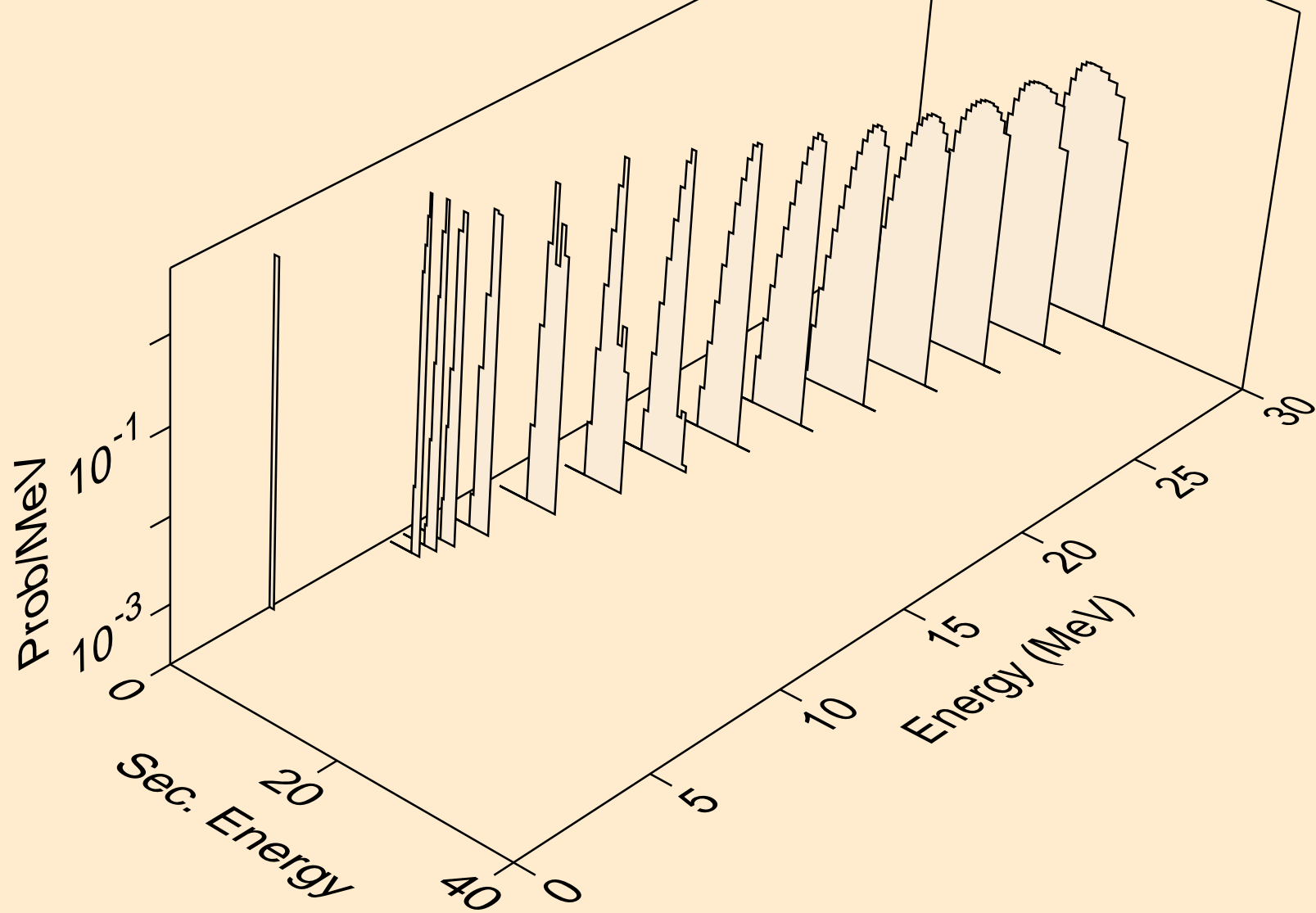
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



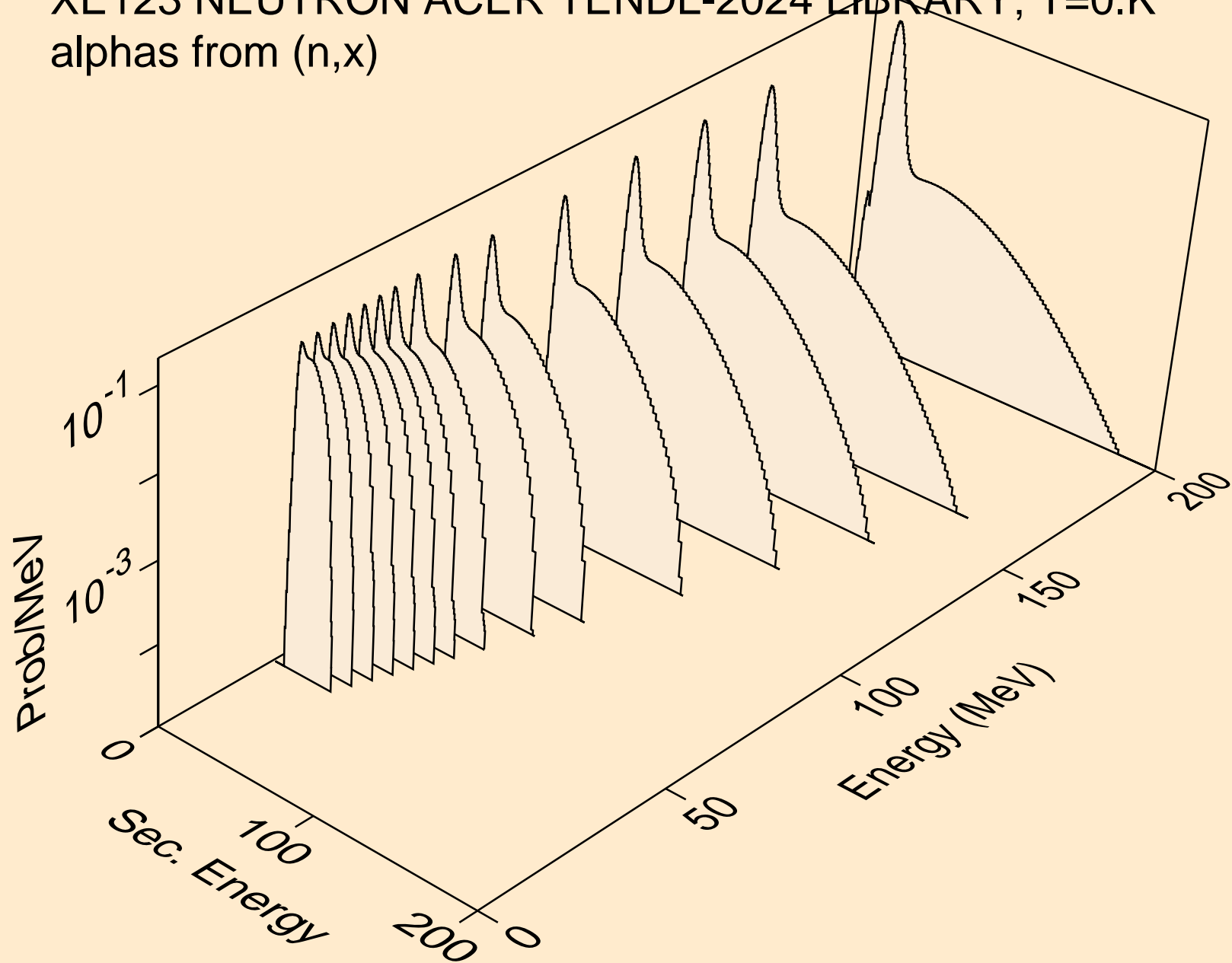
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



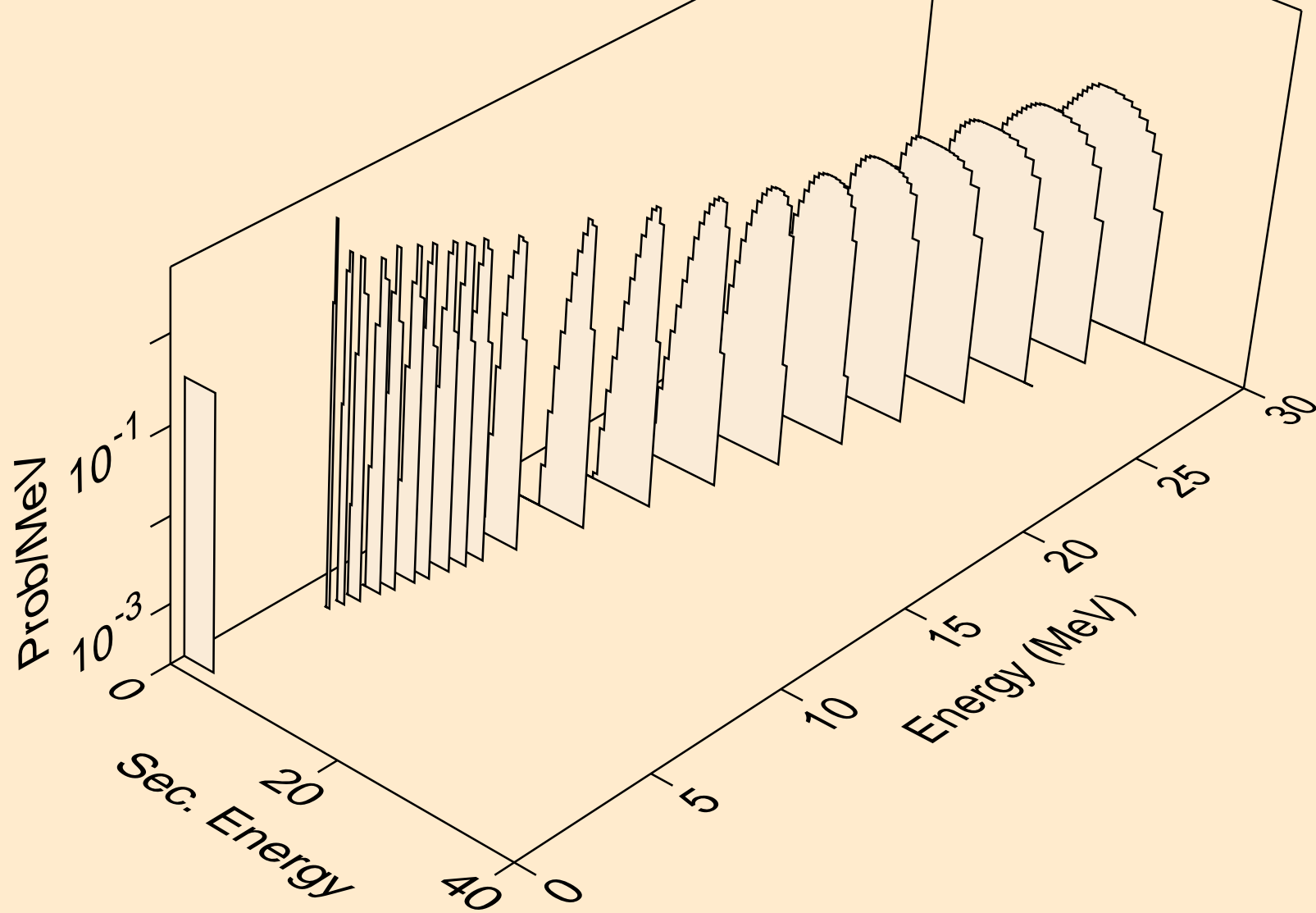
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



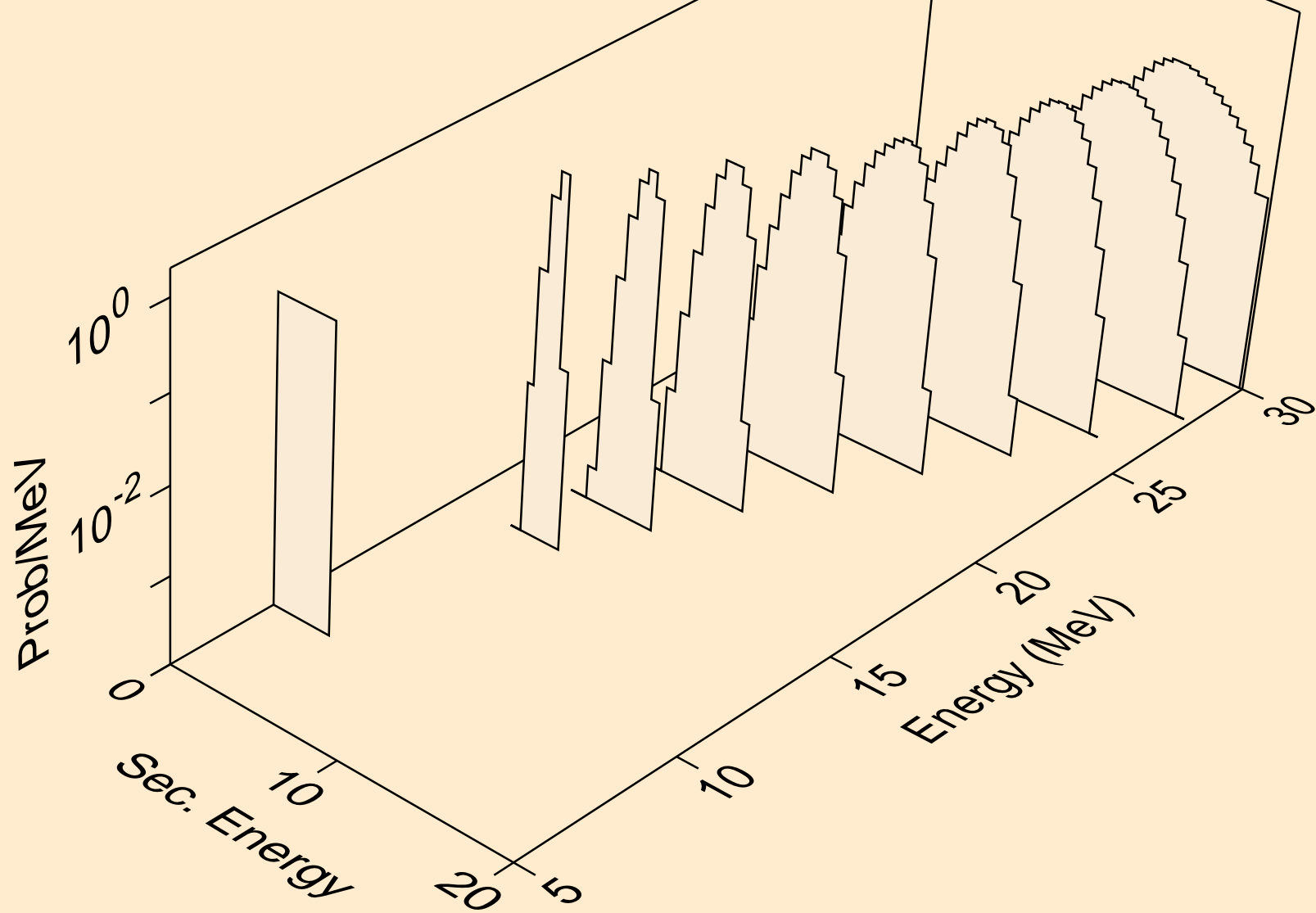
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



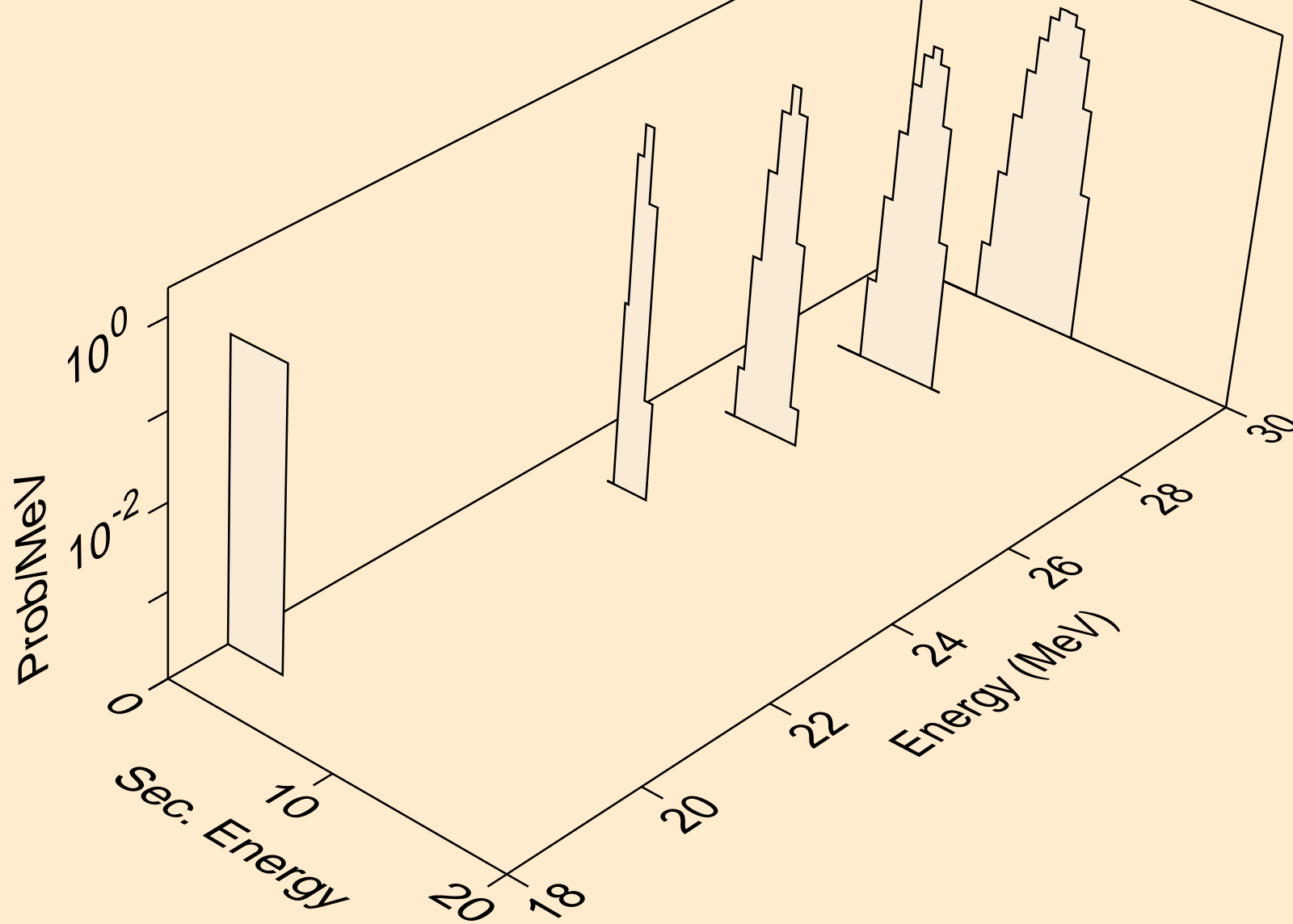
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



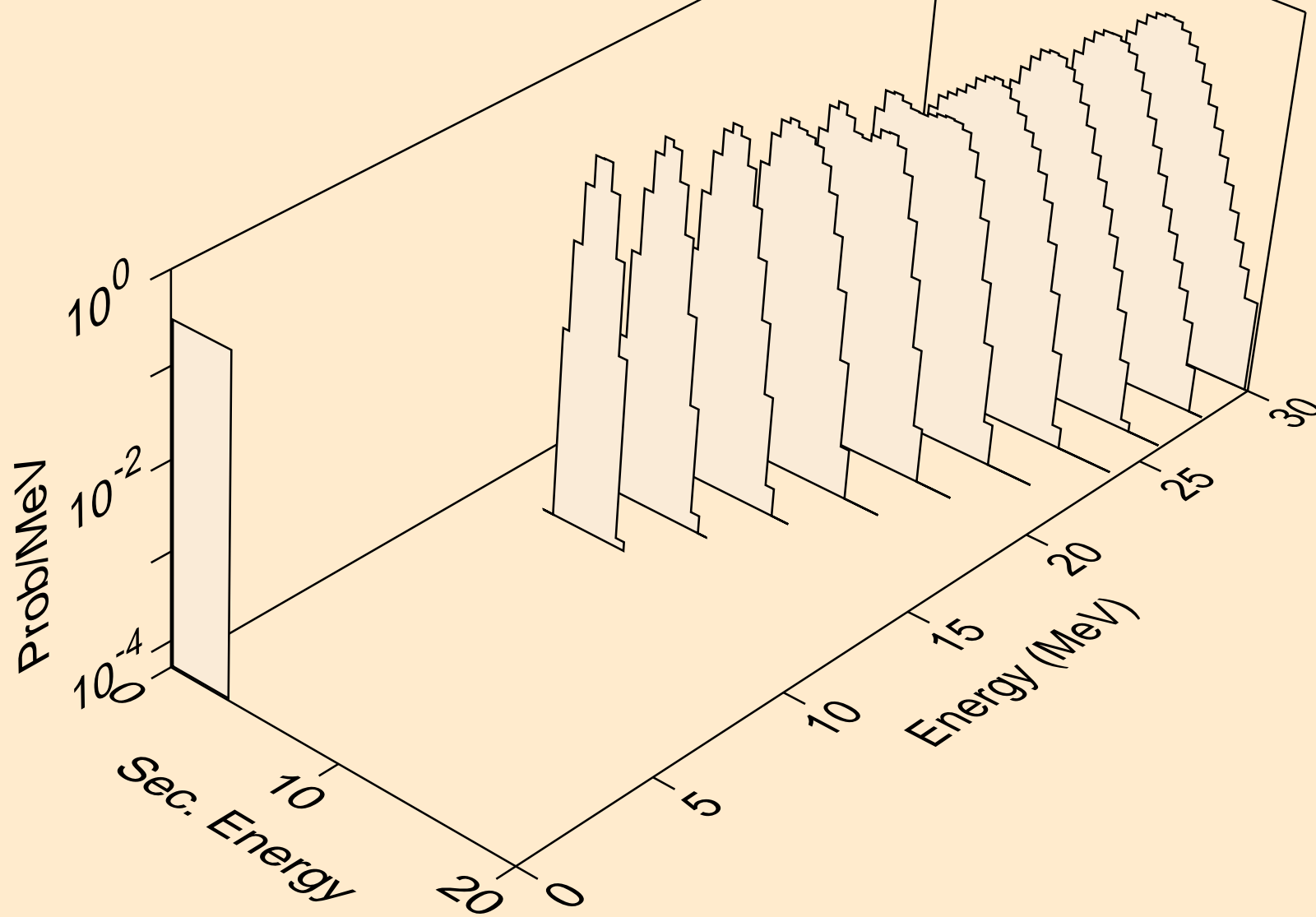
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

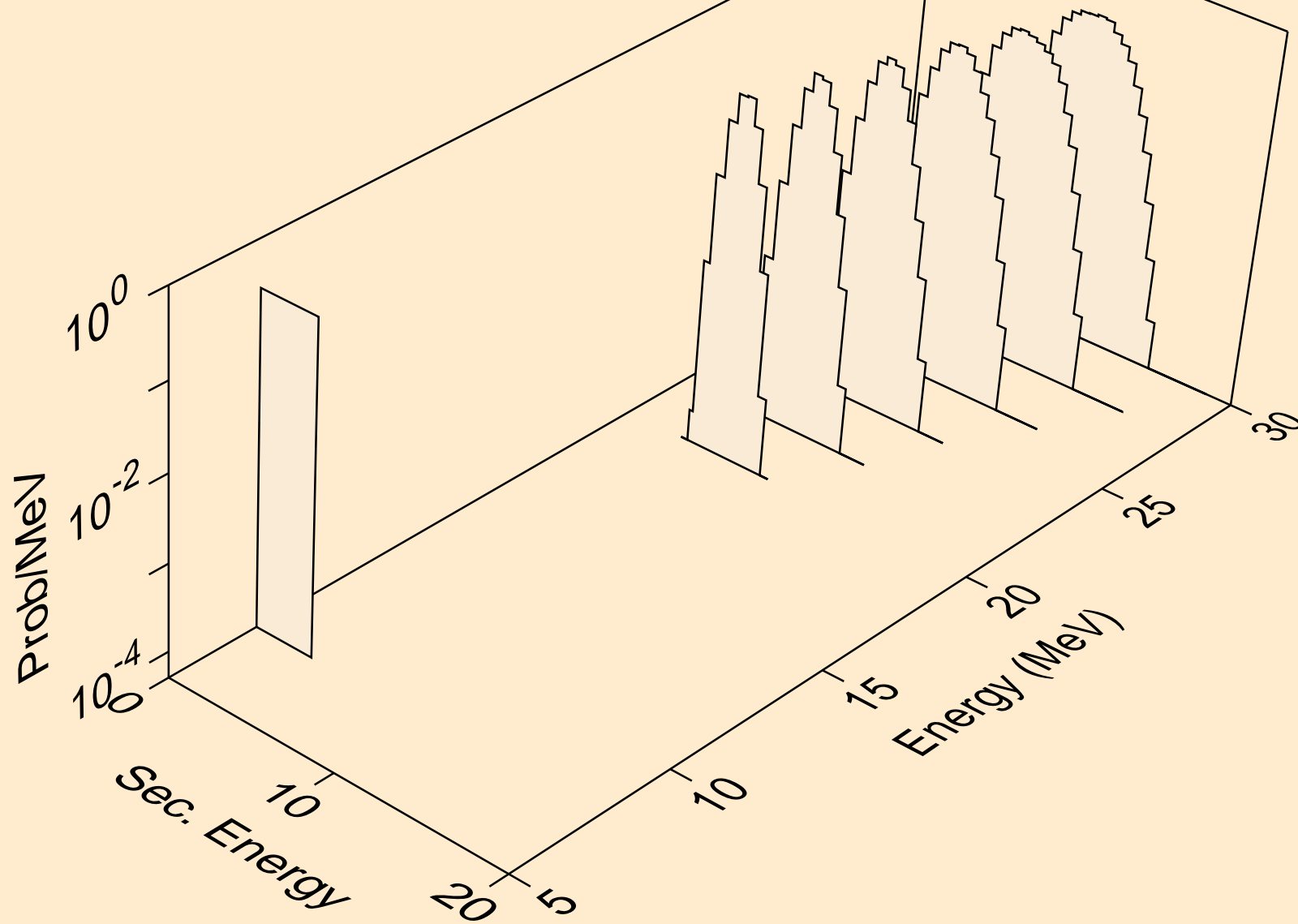


XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

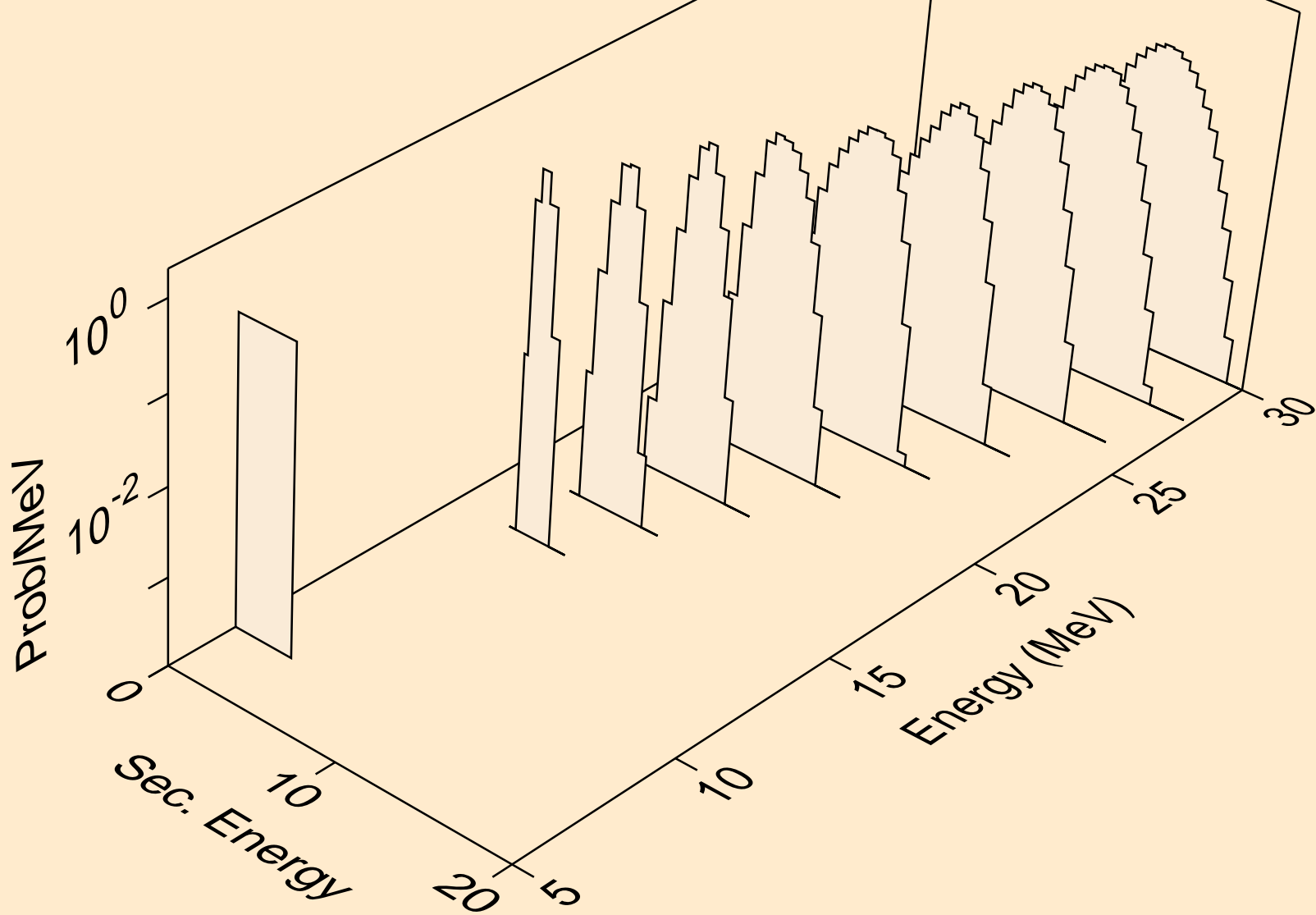




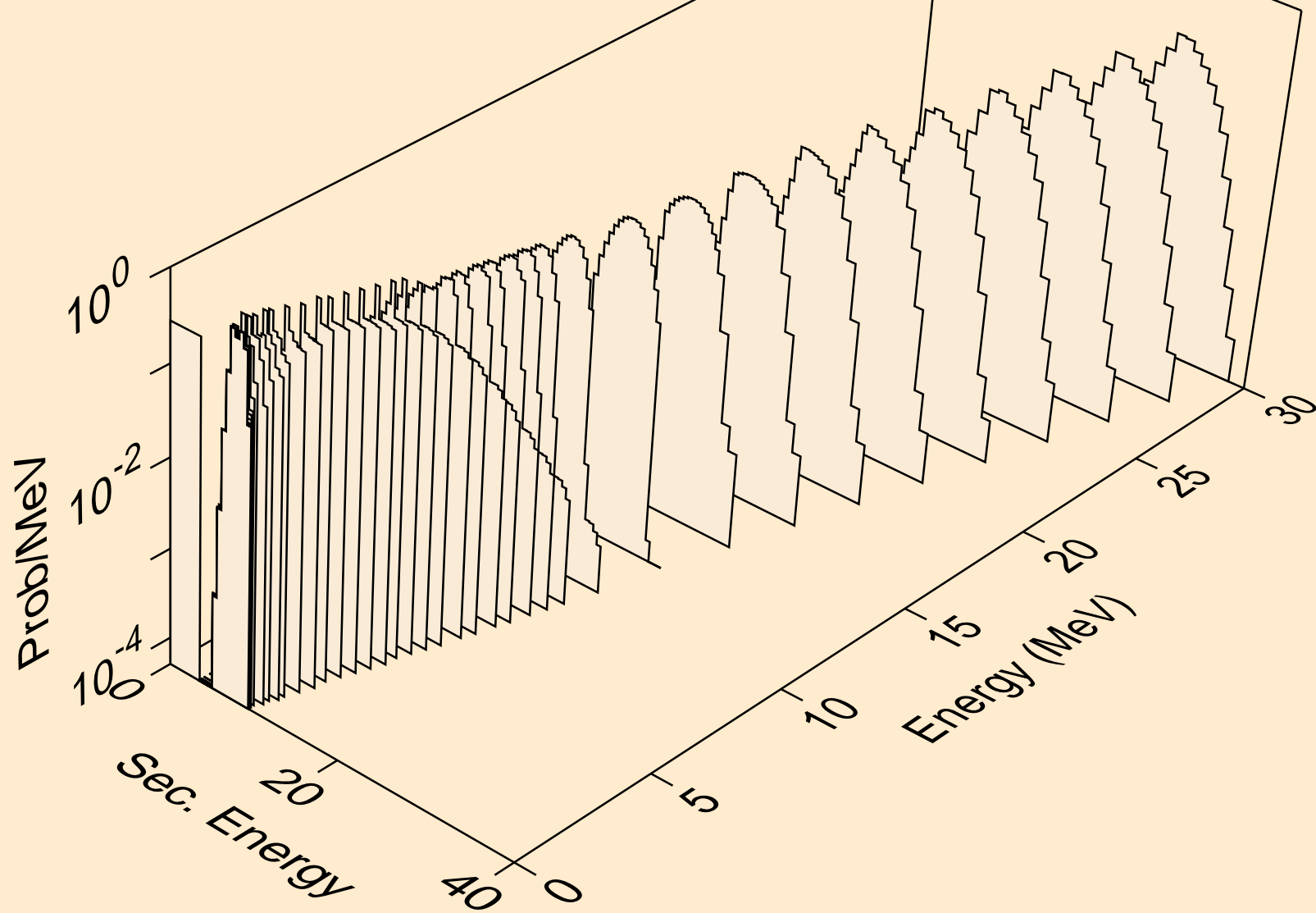
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



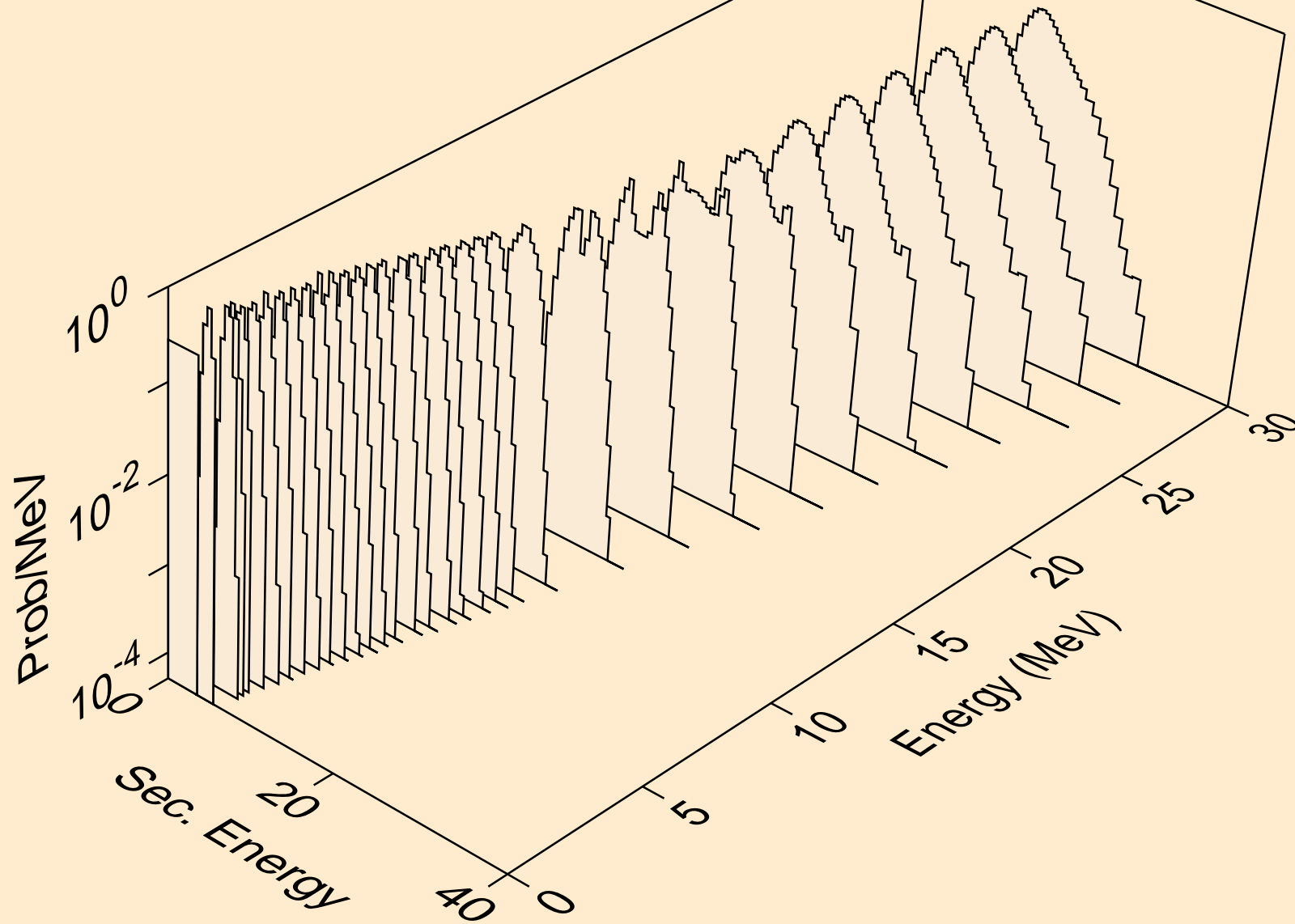
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



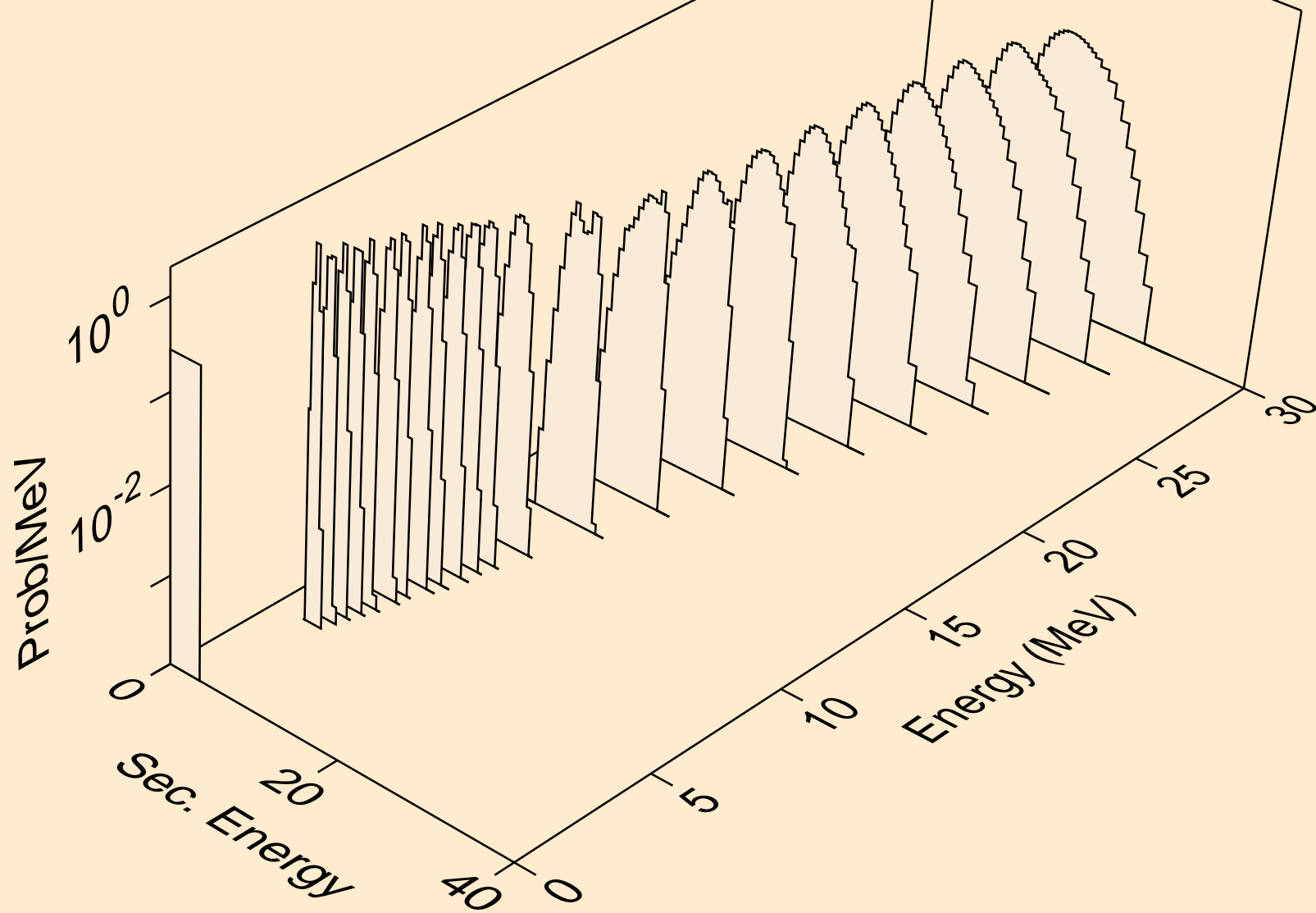
XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



XE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

