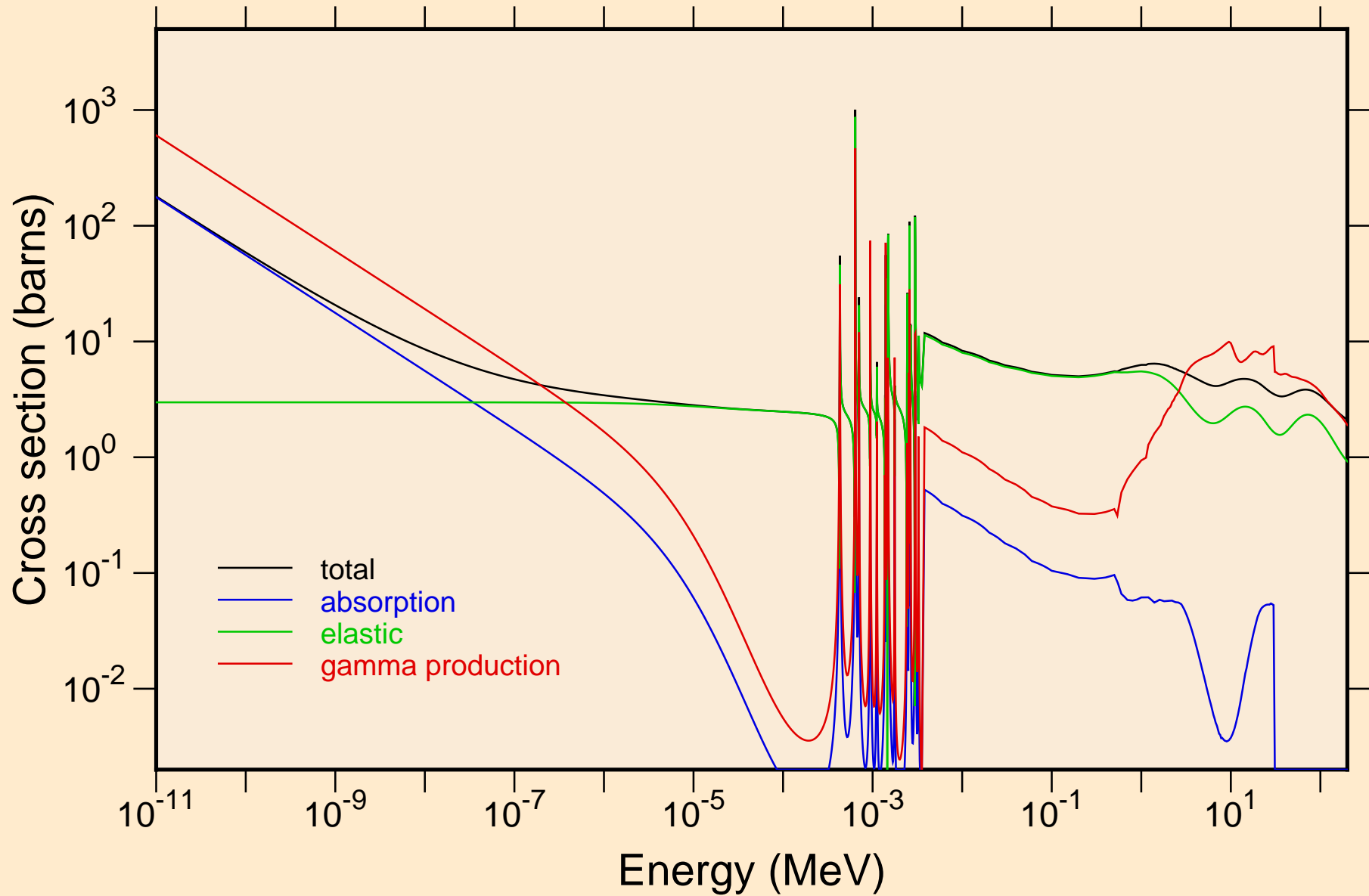
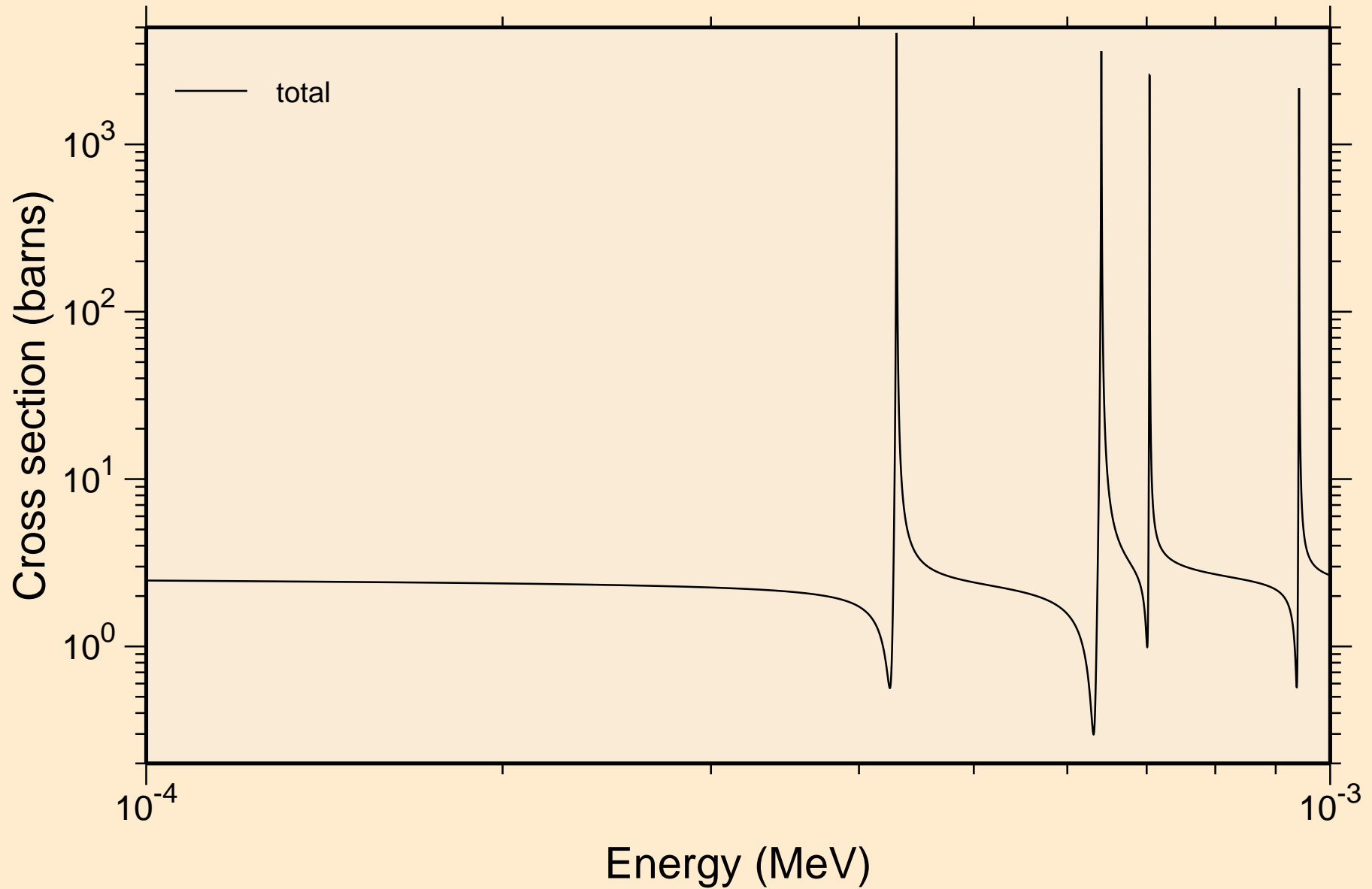


# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

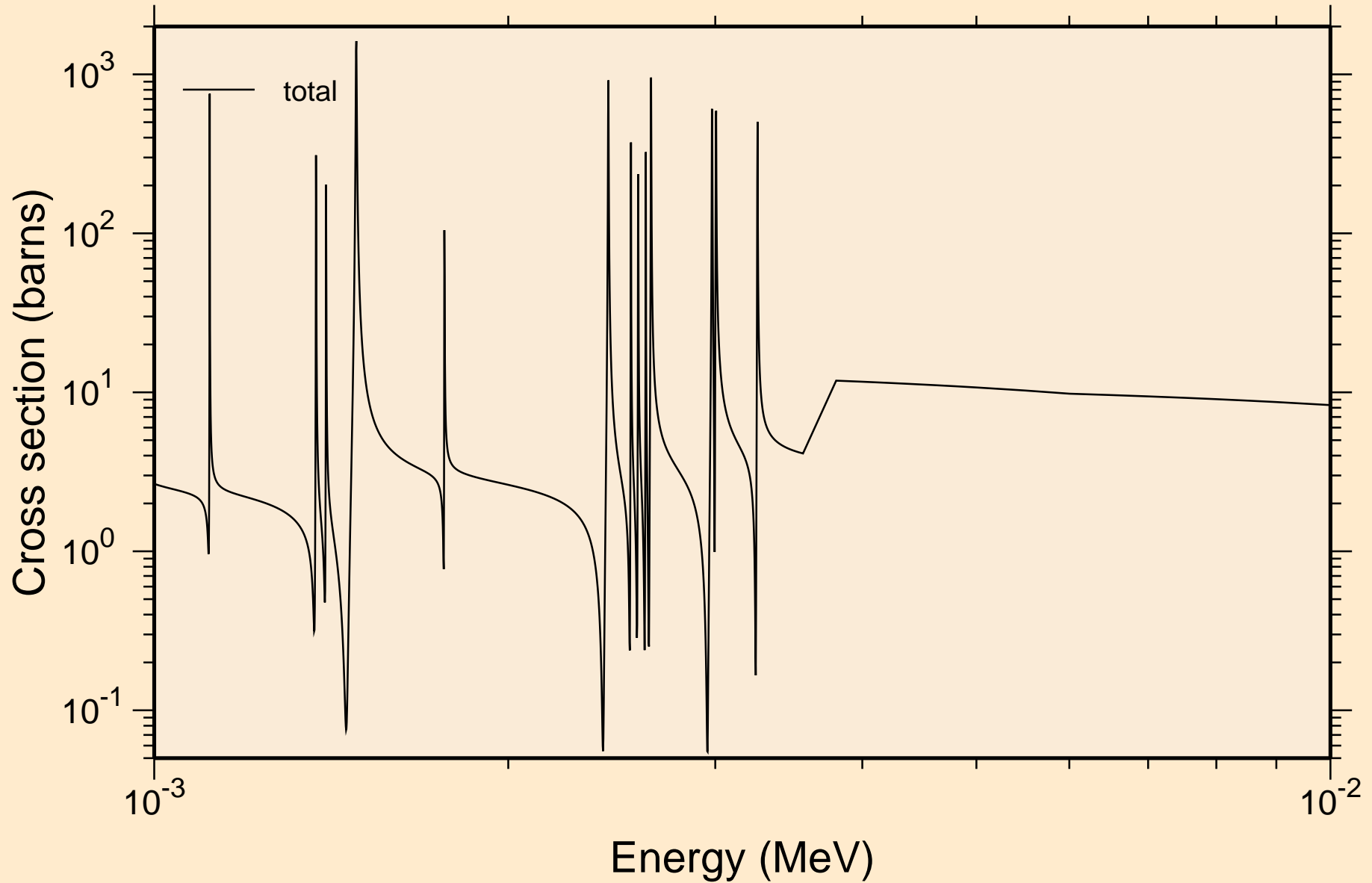
## Principal cross sections



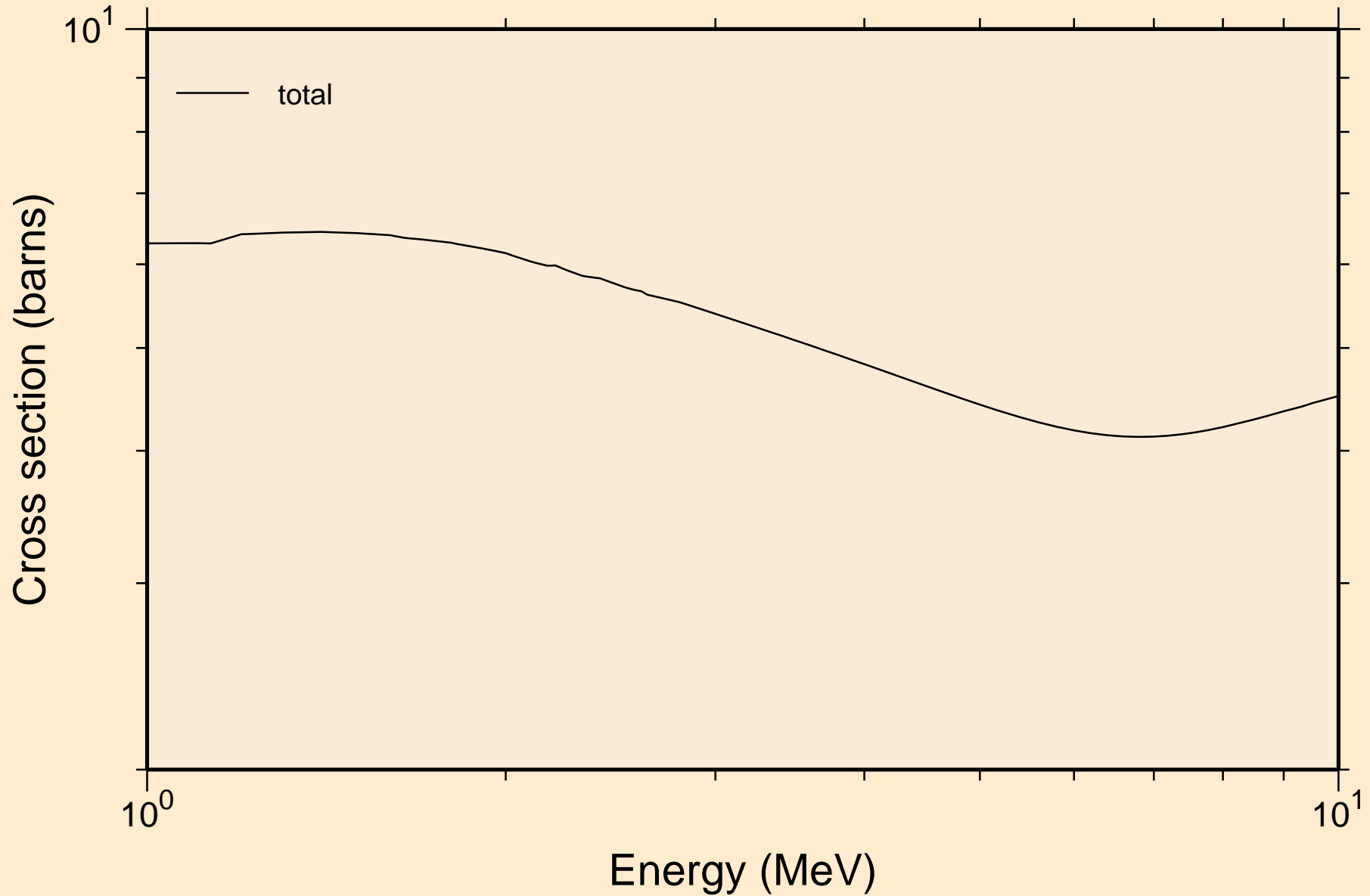
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



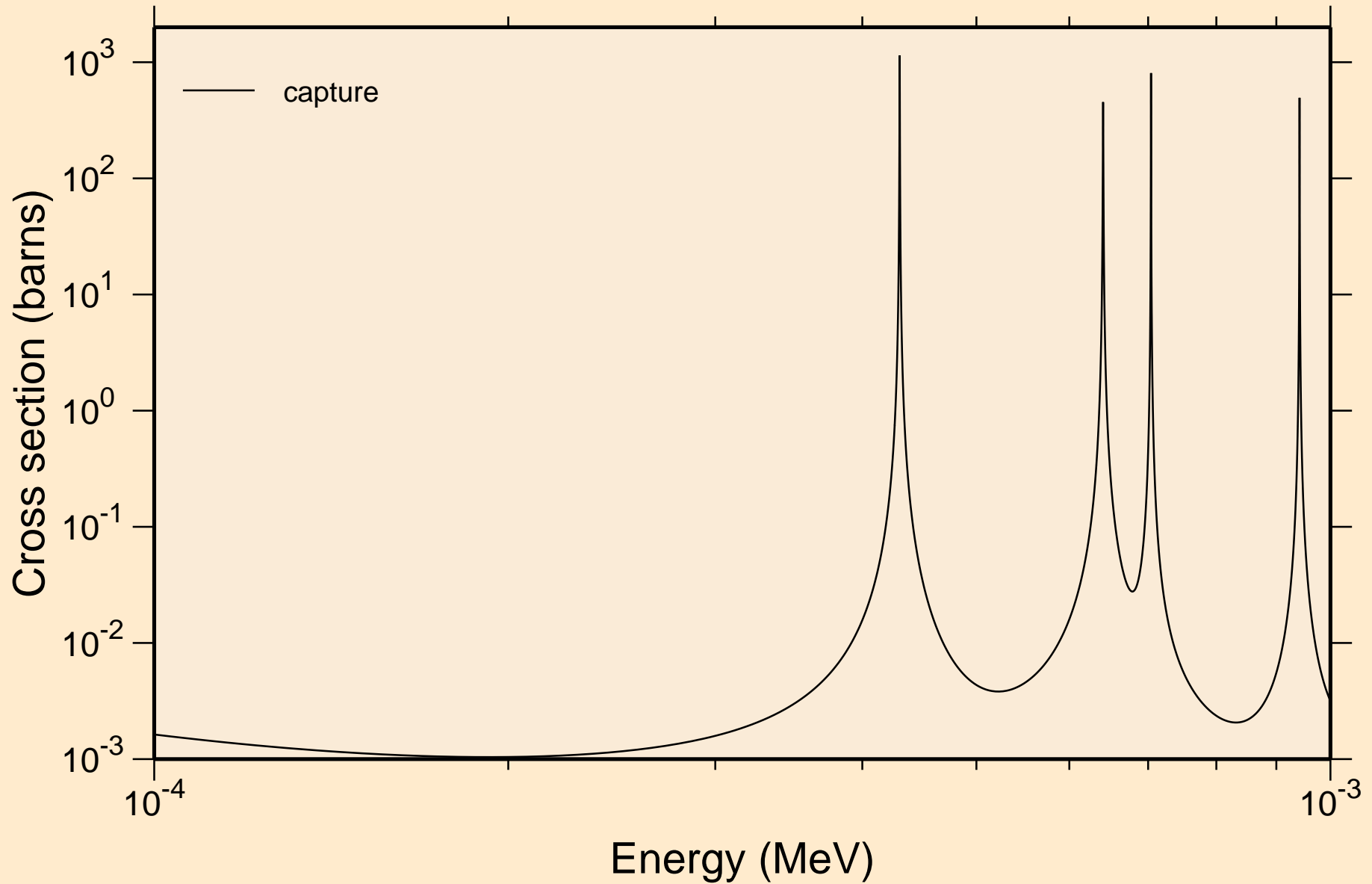
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



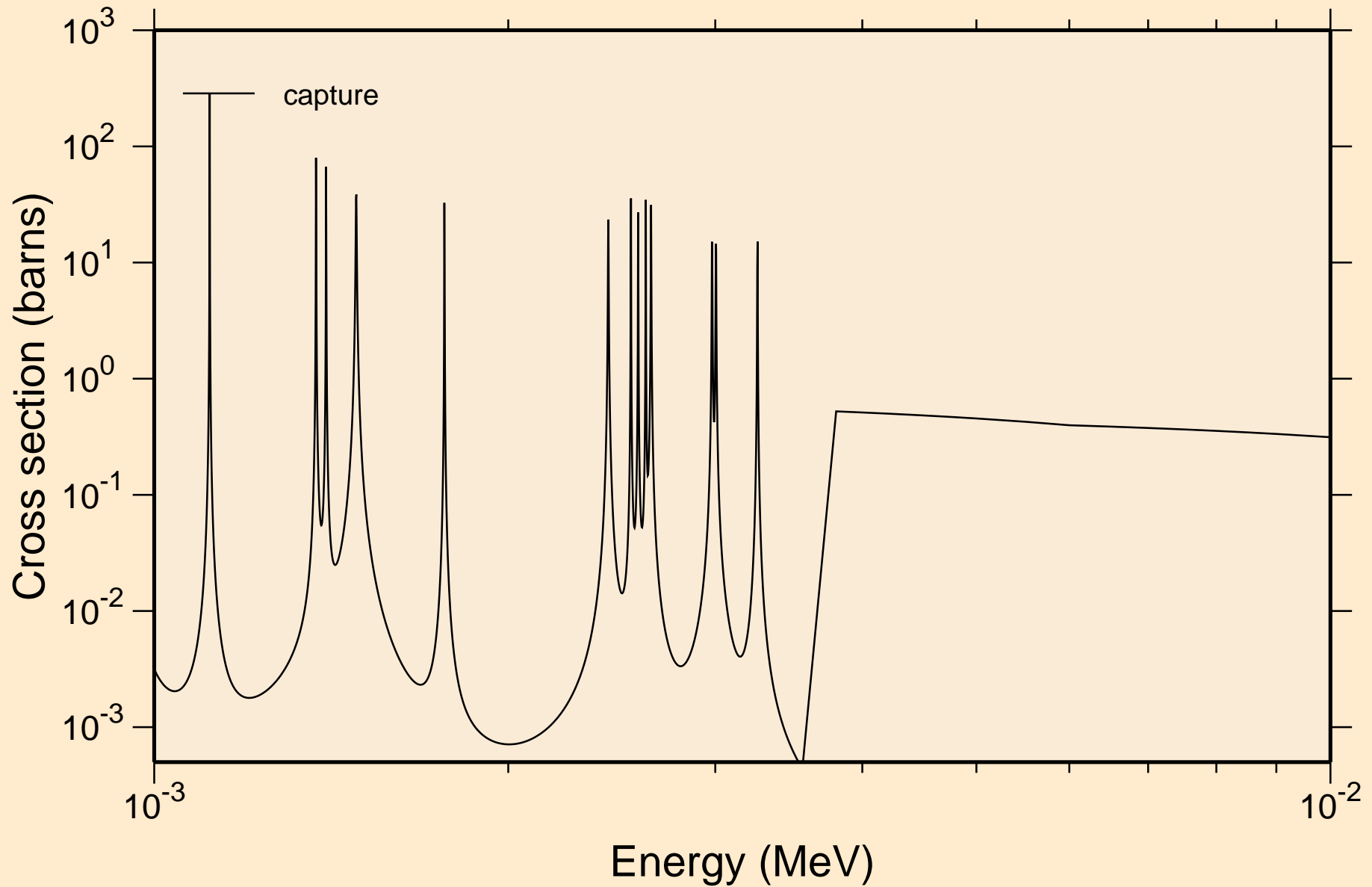
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



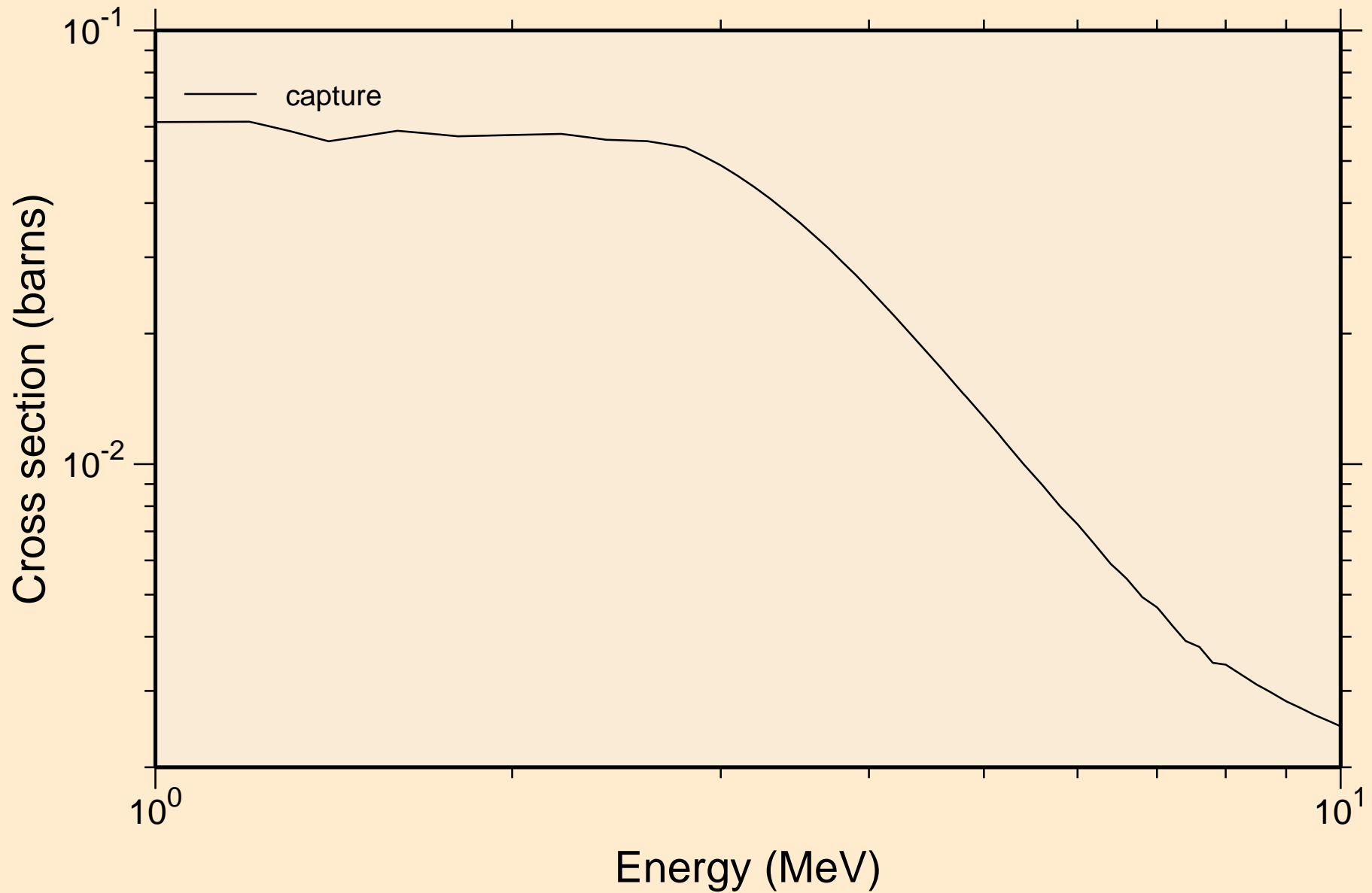
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



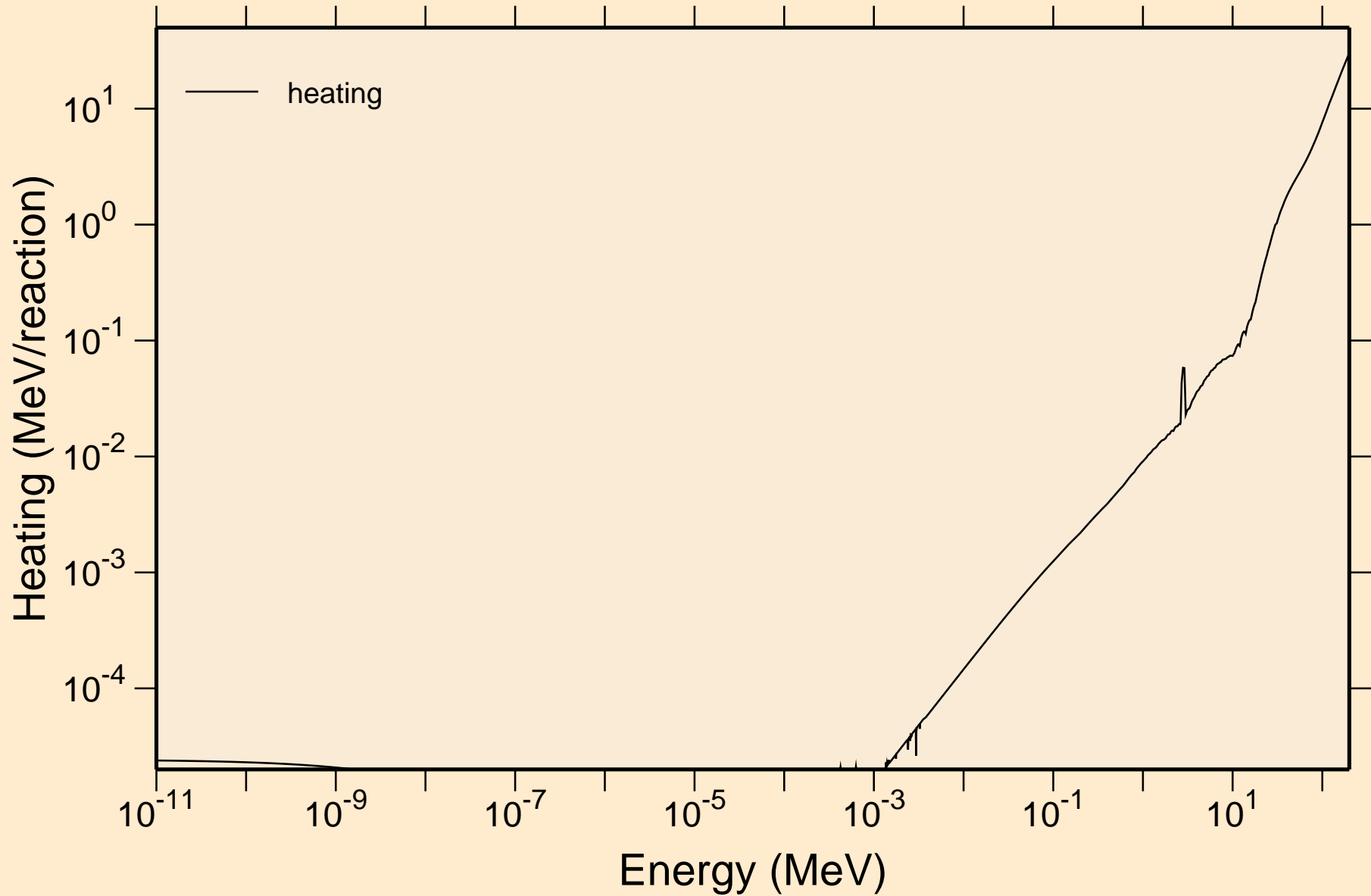
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



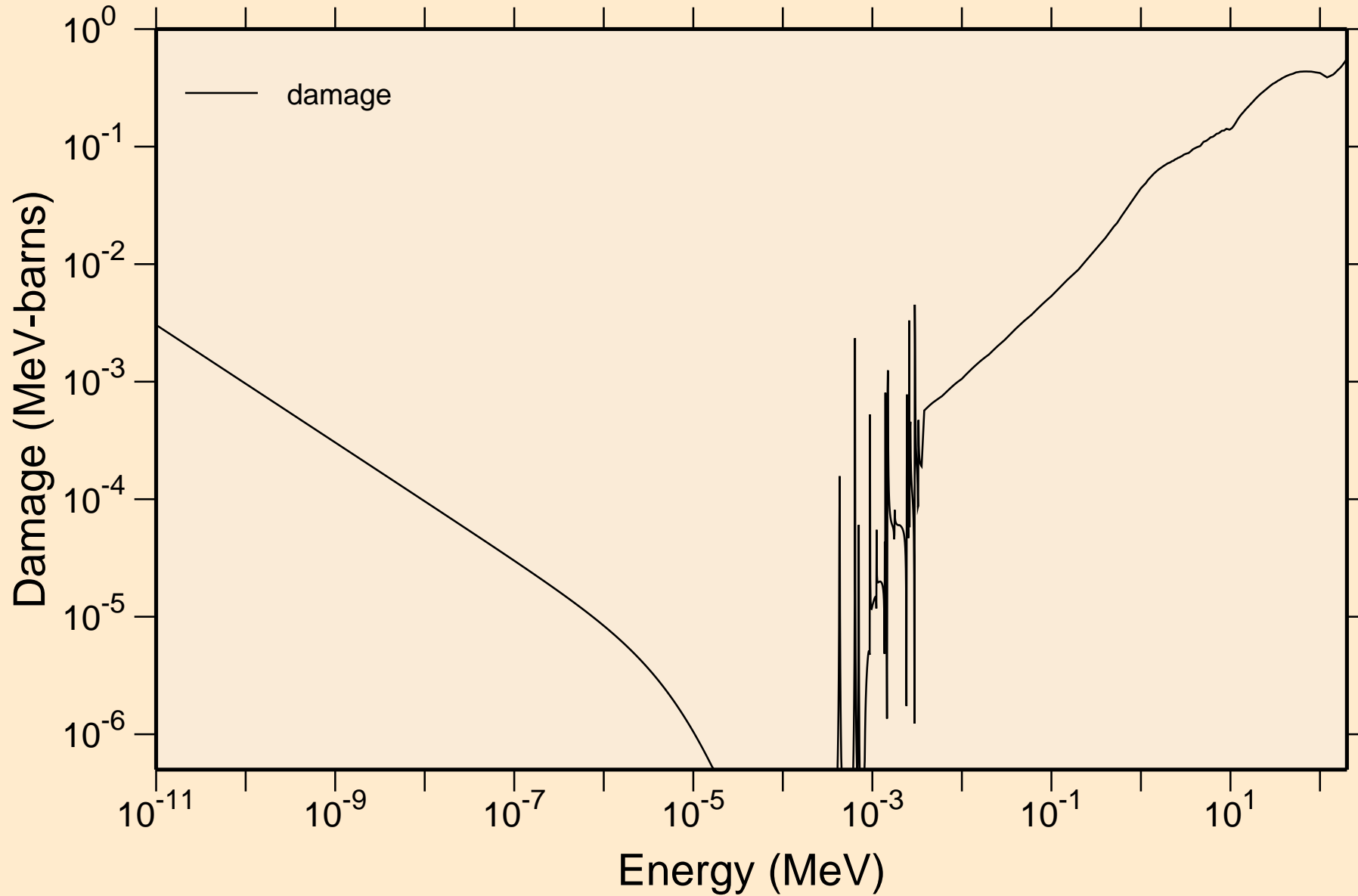
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



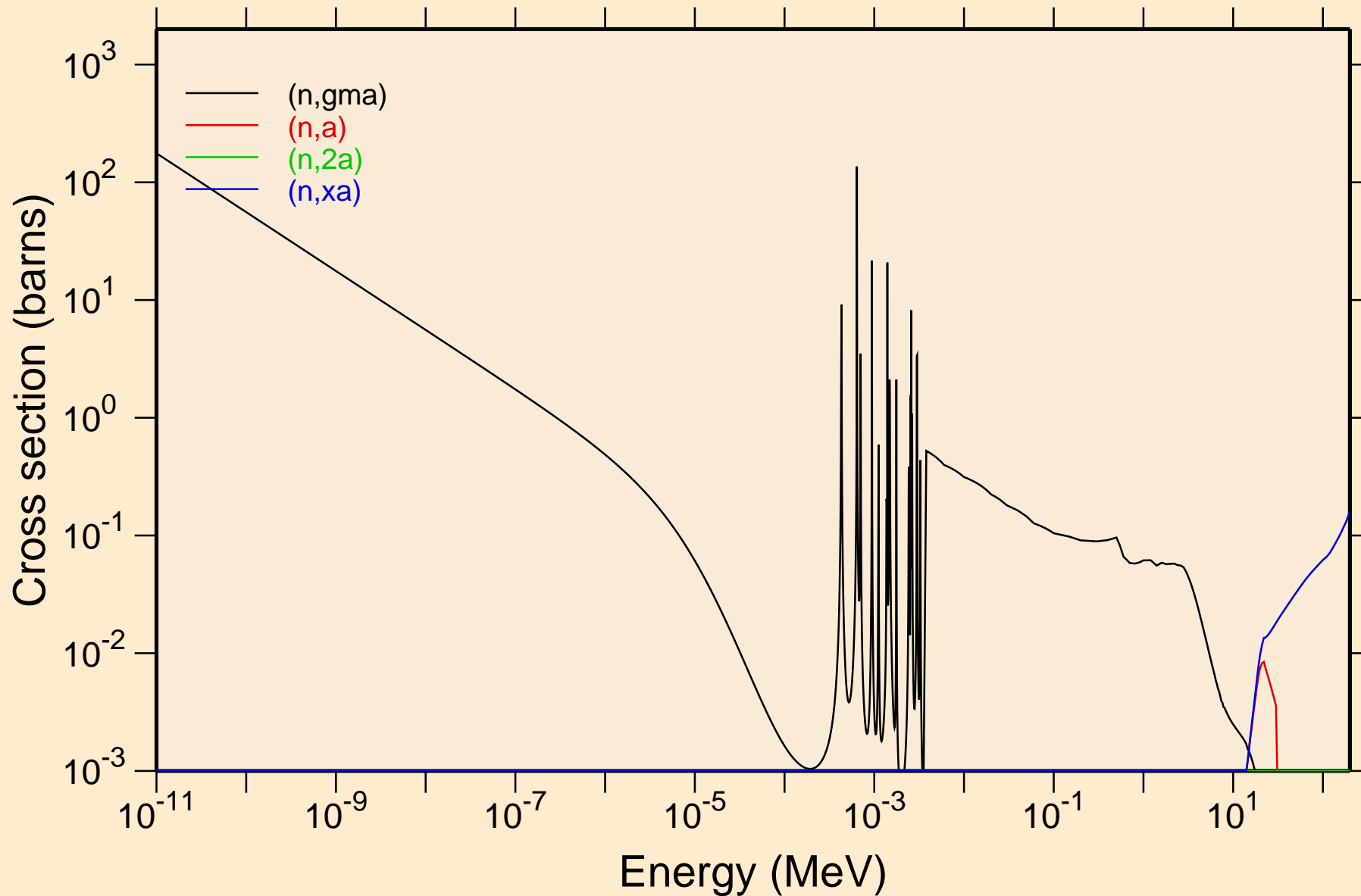


# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

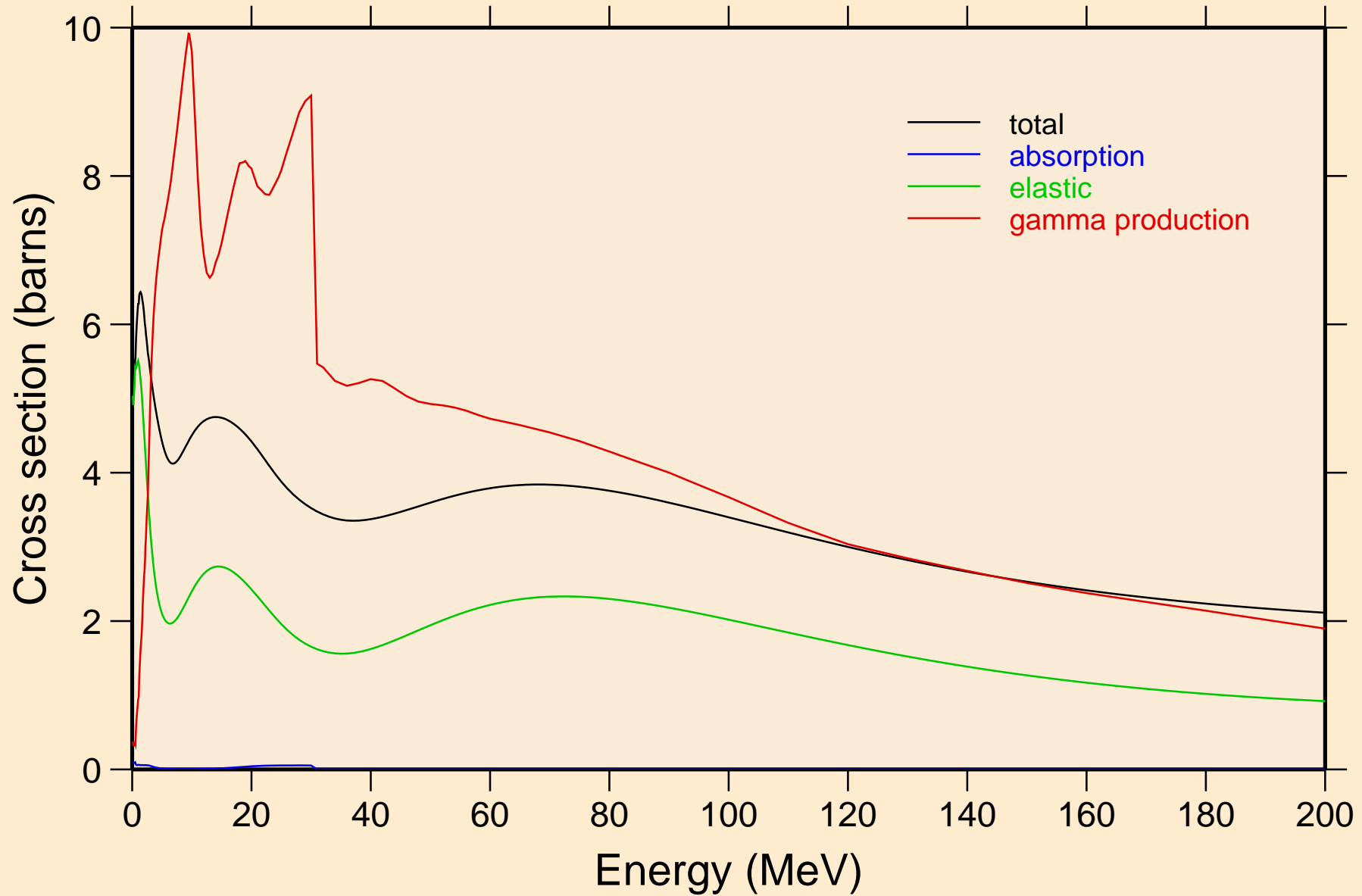


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



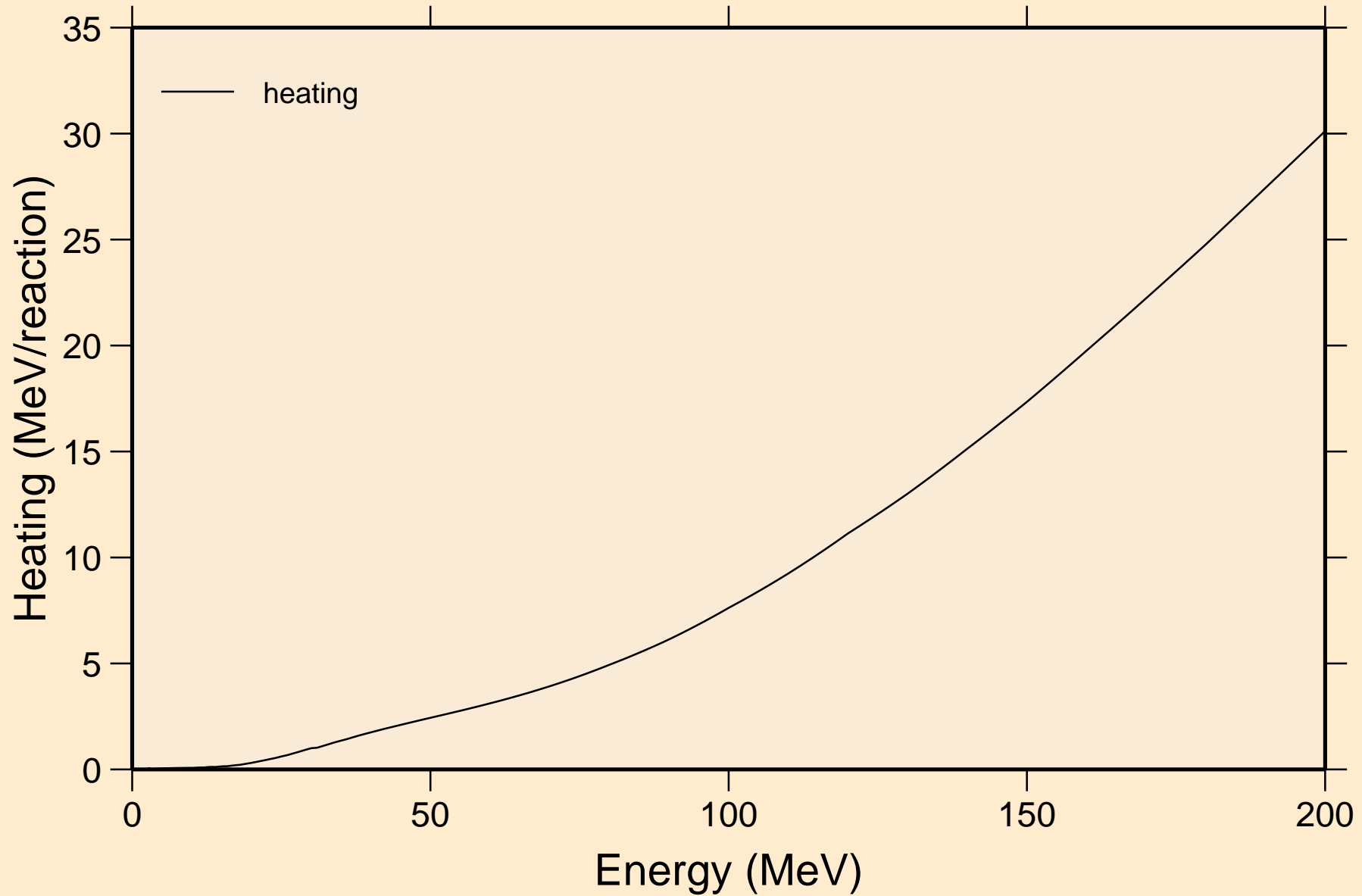
# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



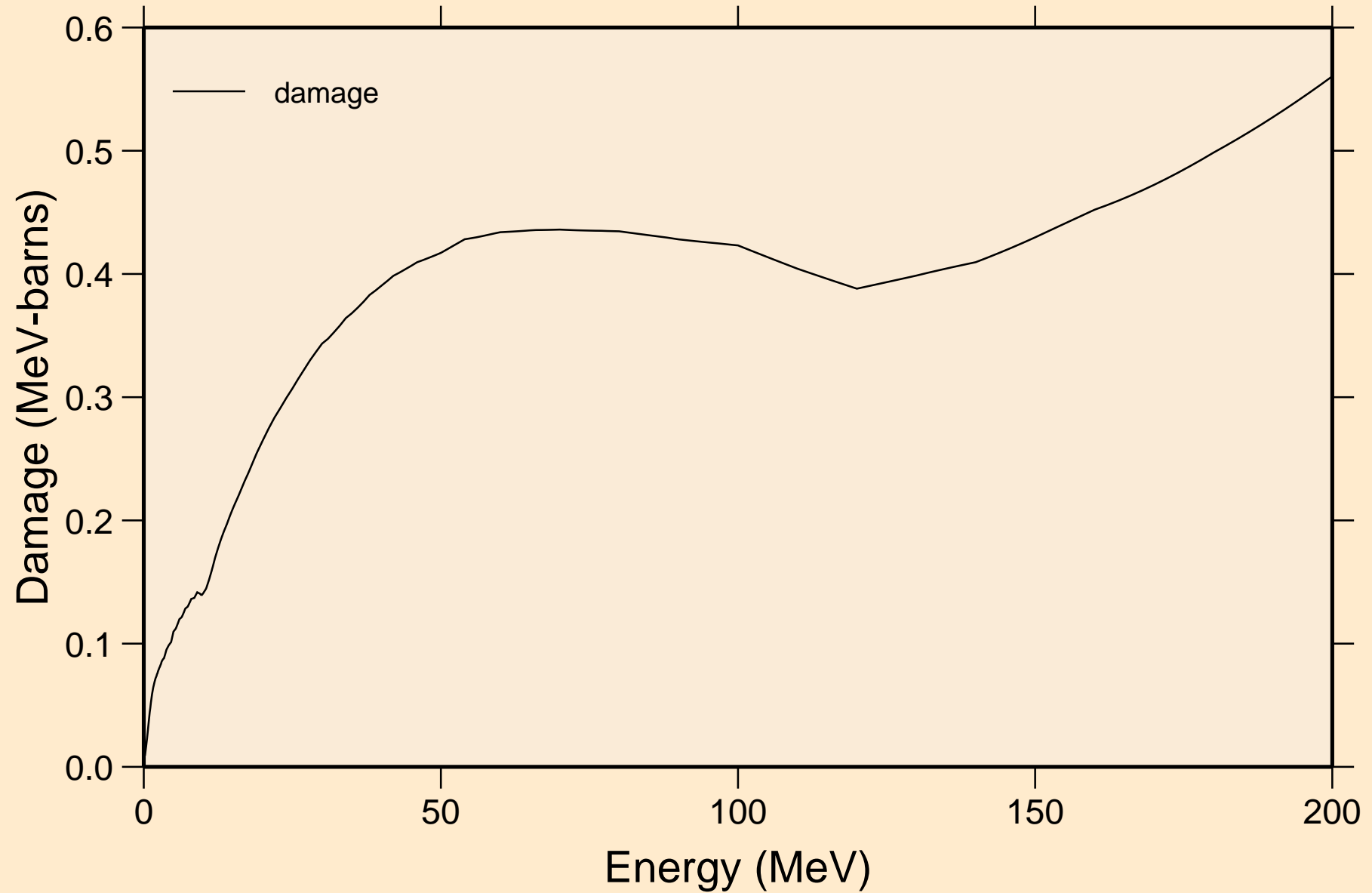
# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



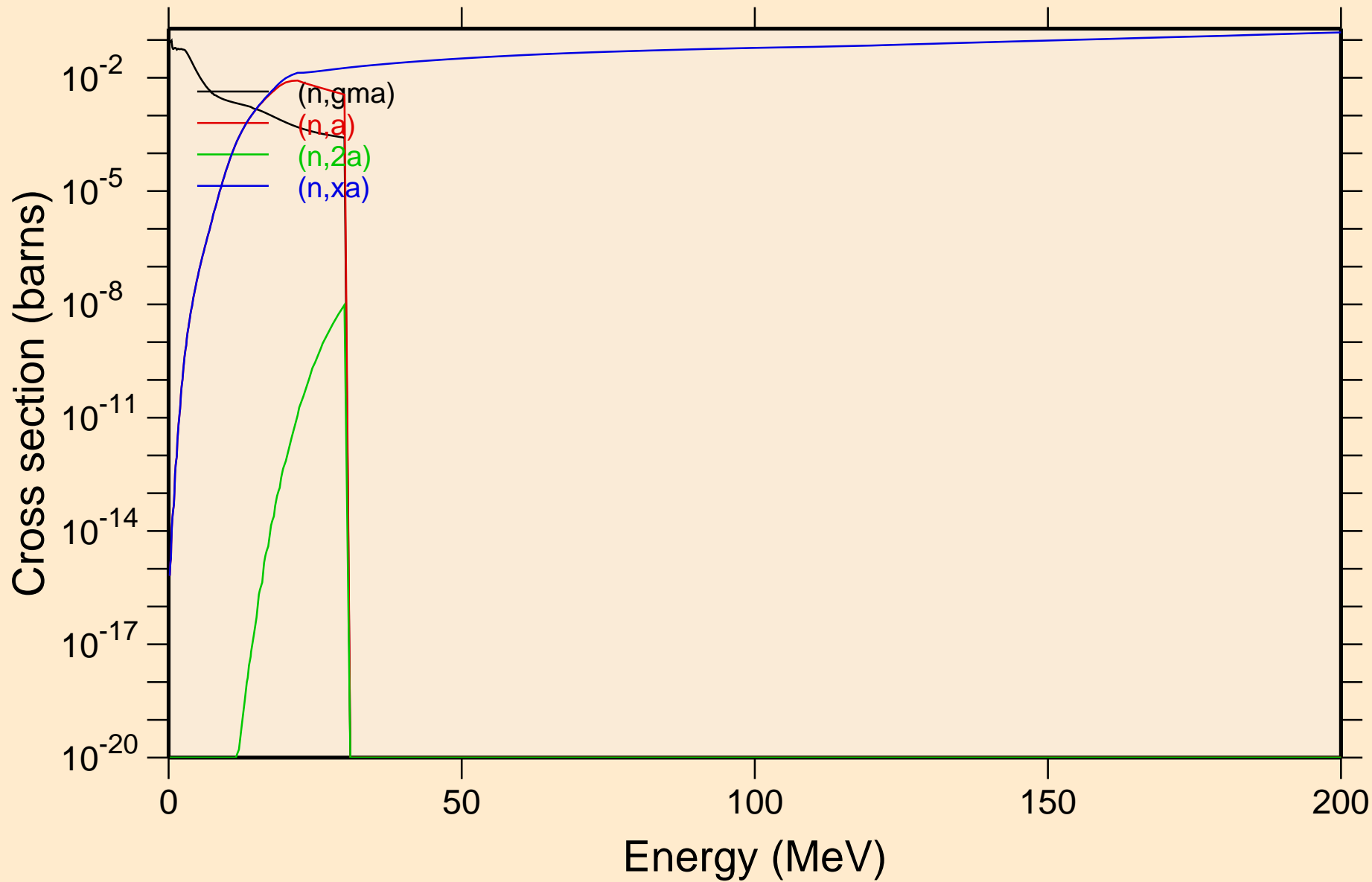
# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

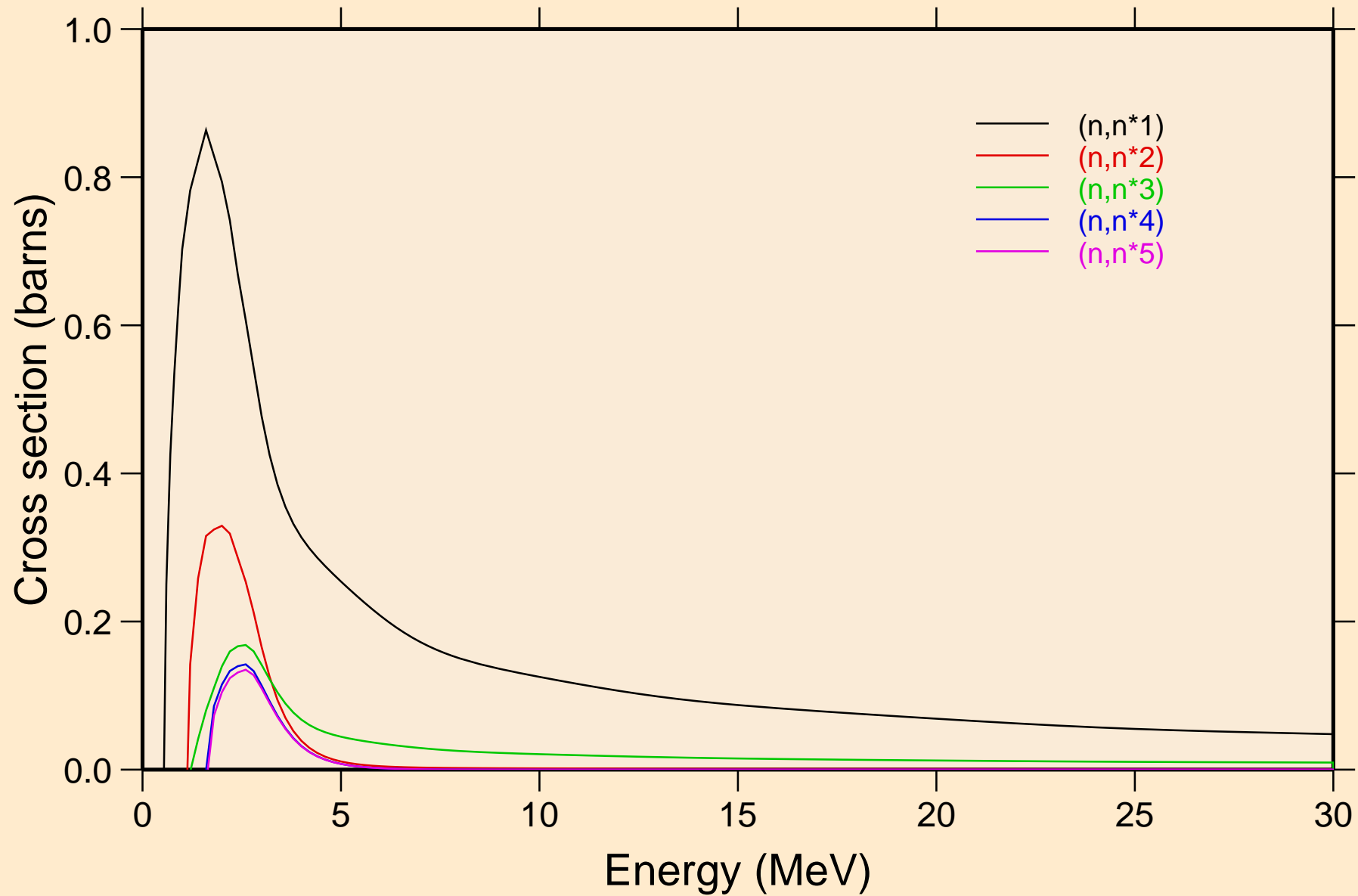


# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

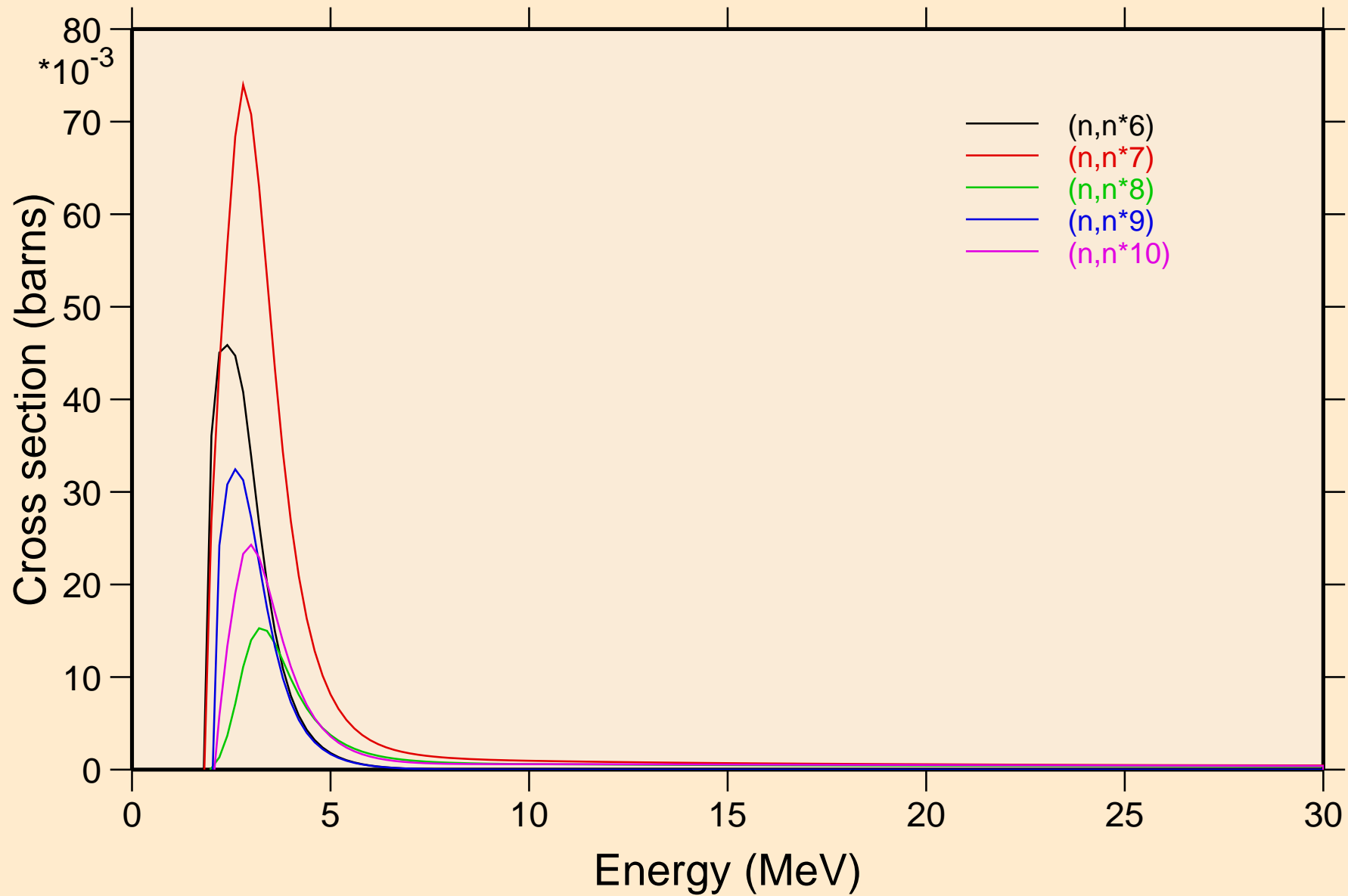
## Non-threshold reactions



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

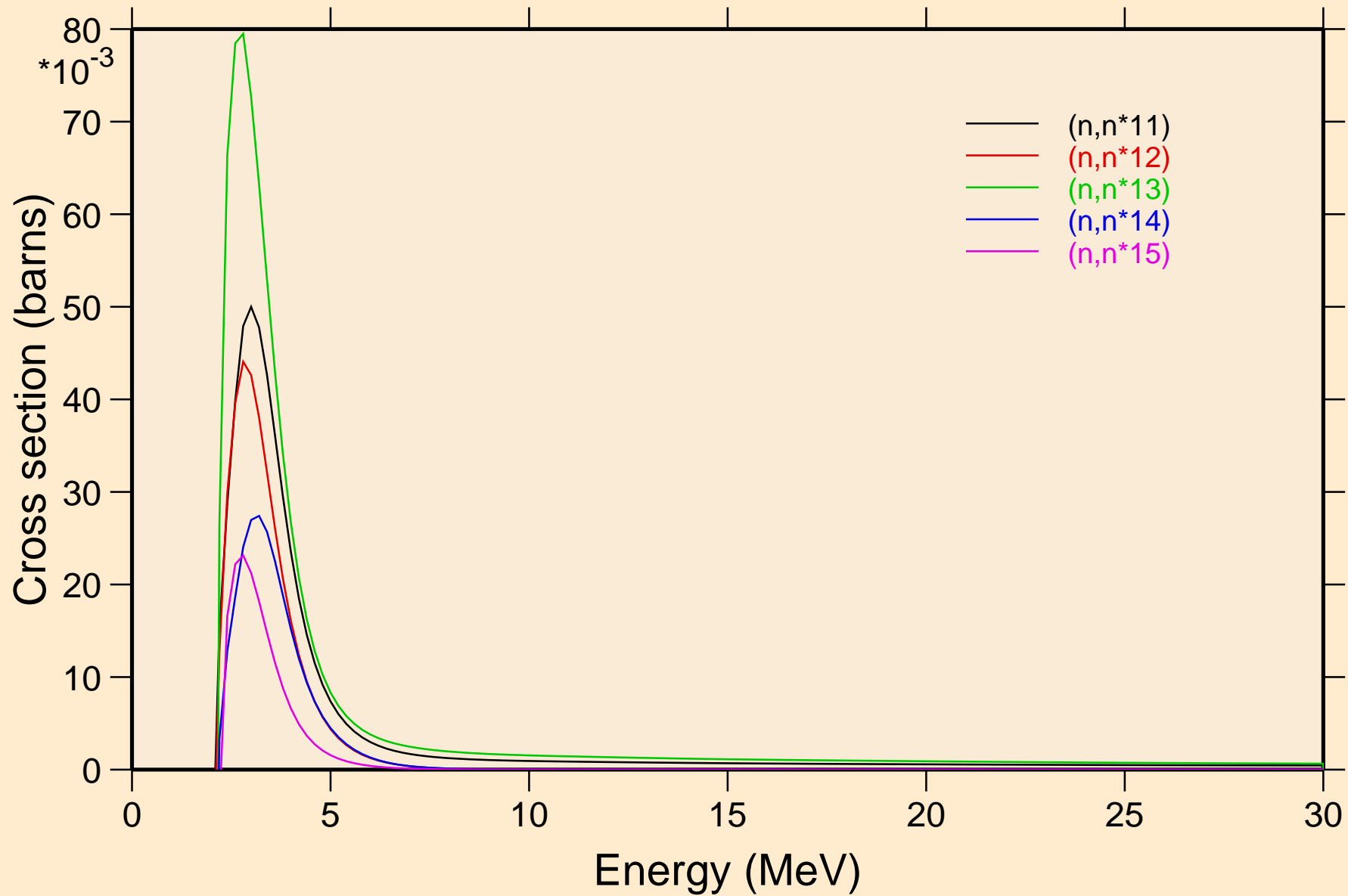


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

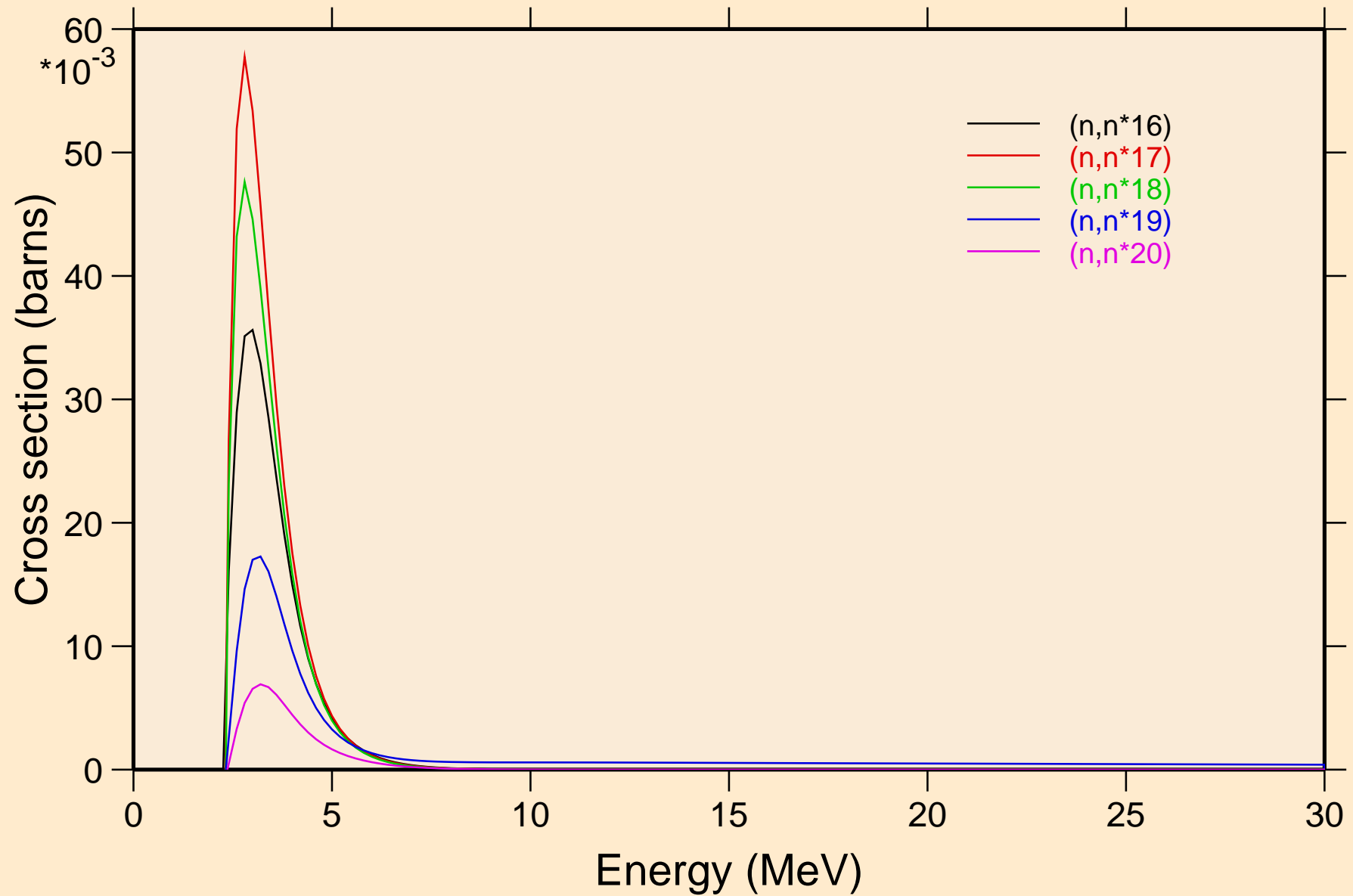




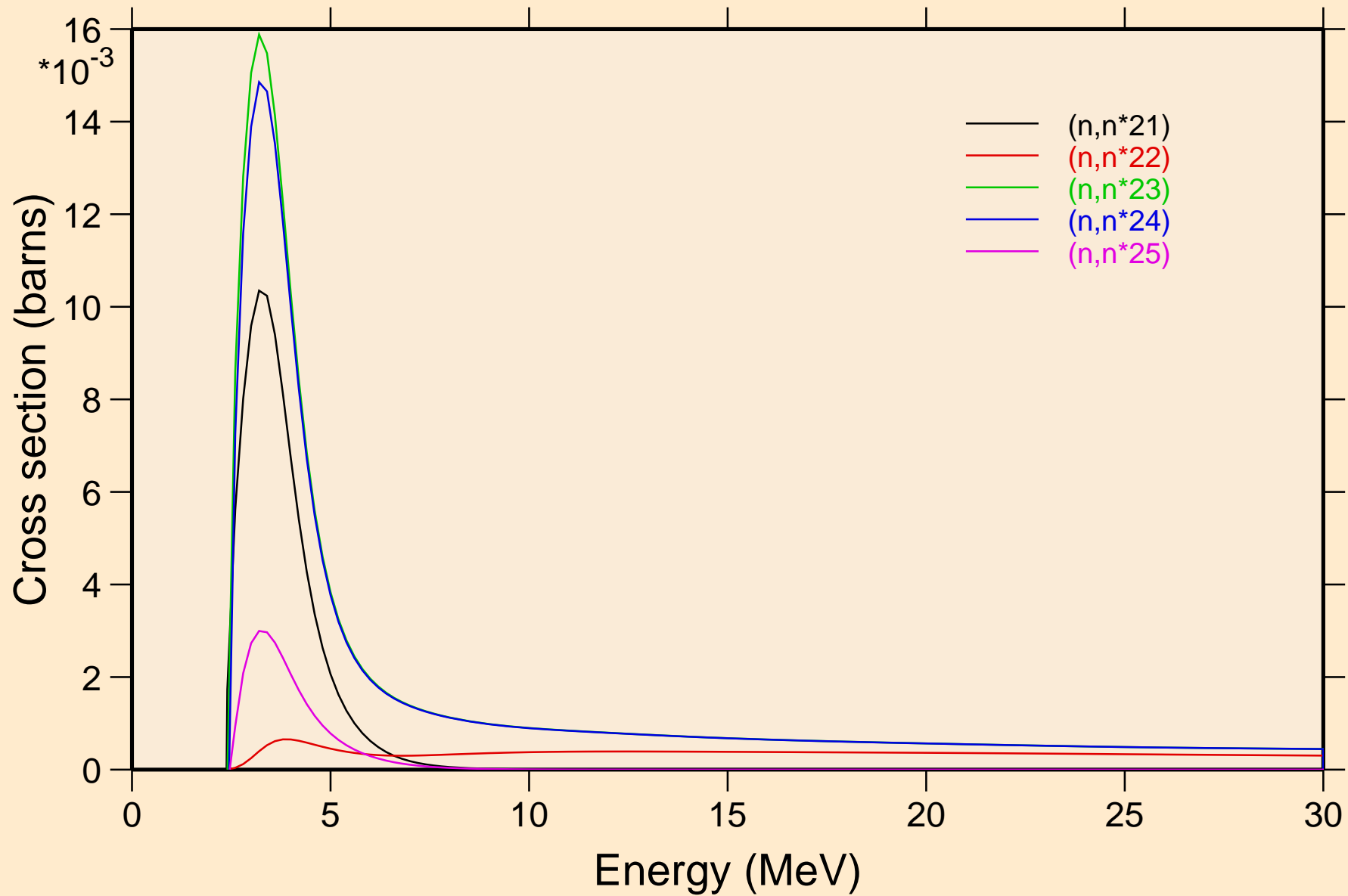
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



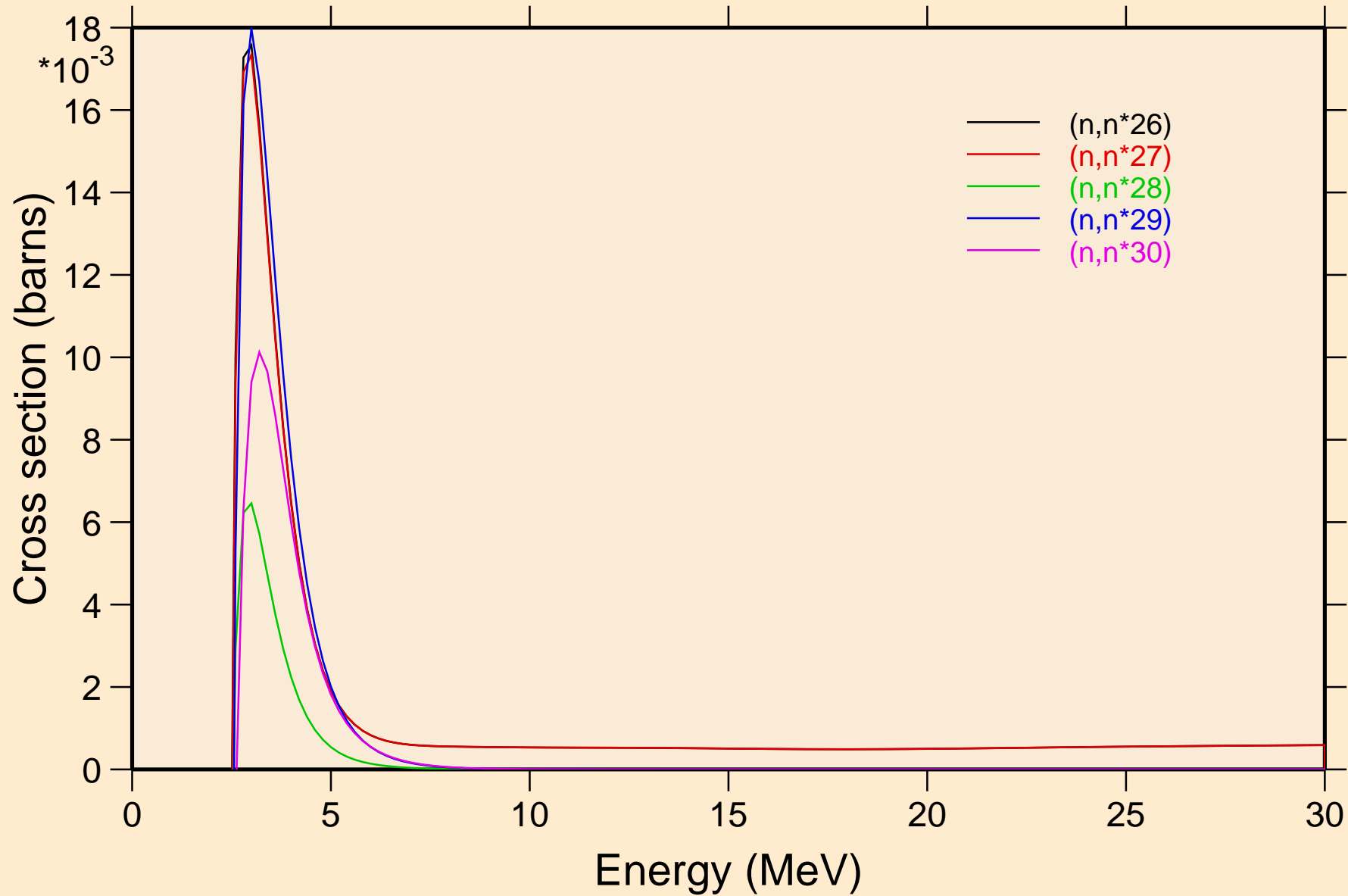
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



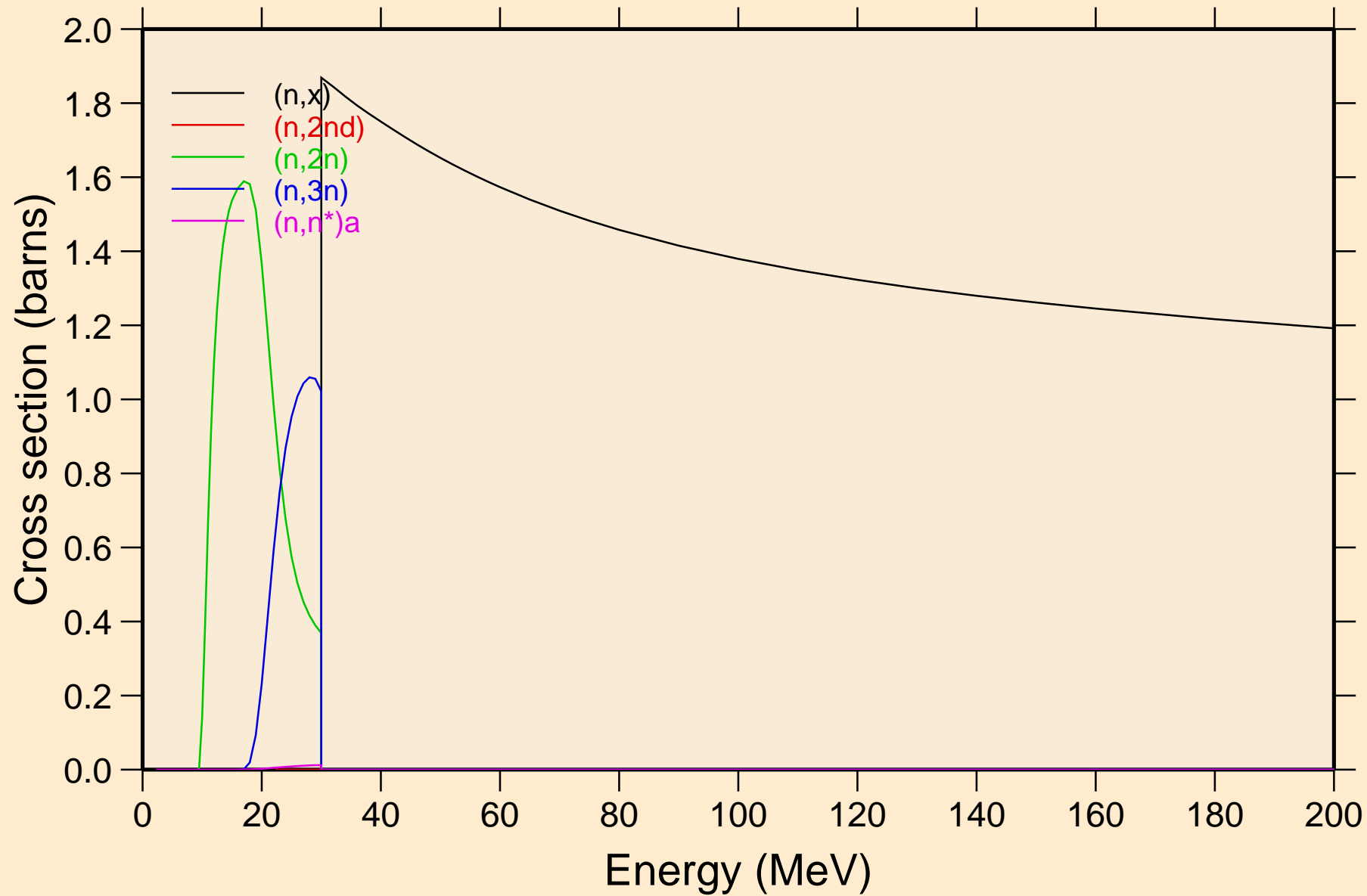
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

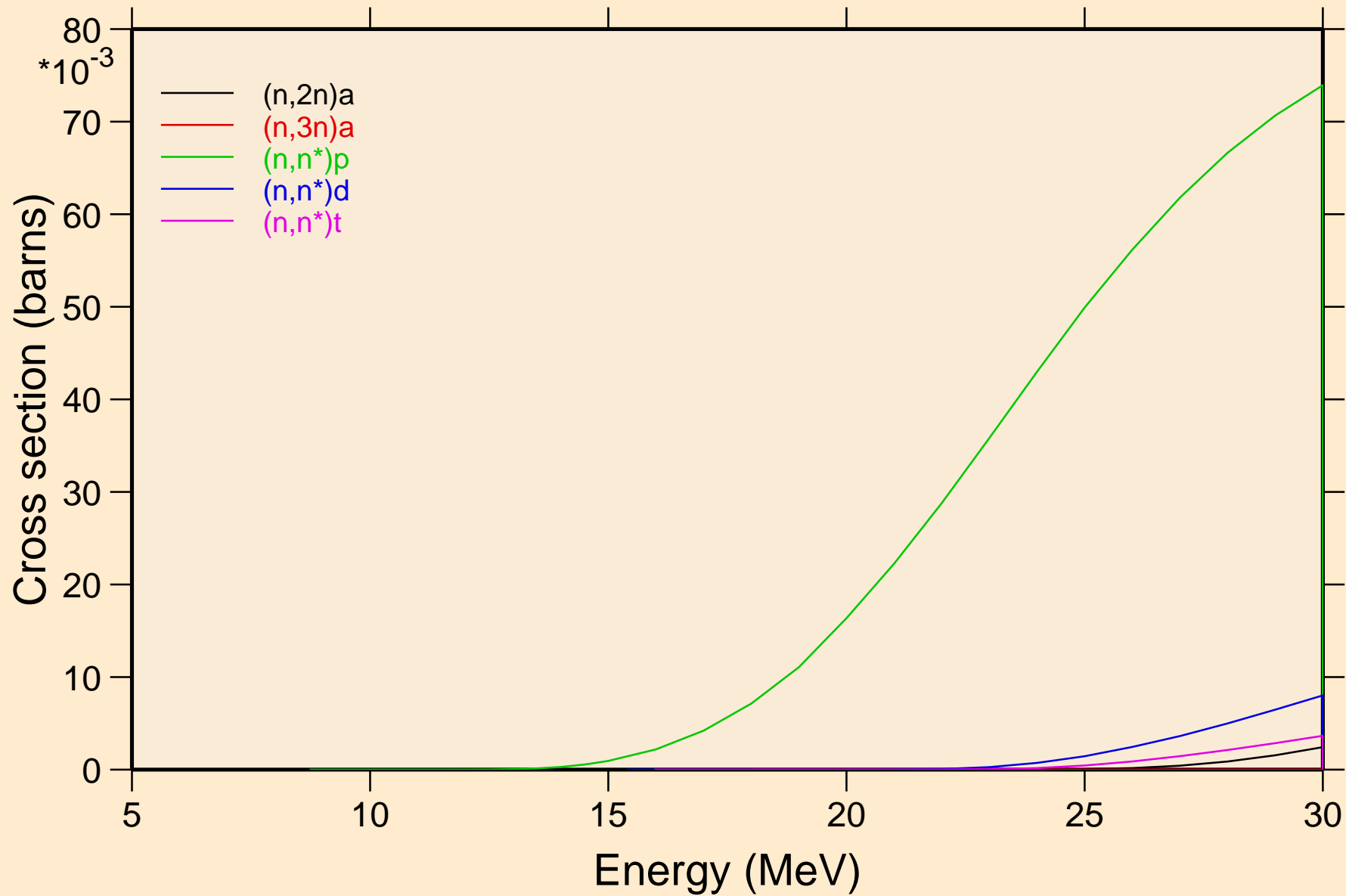


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



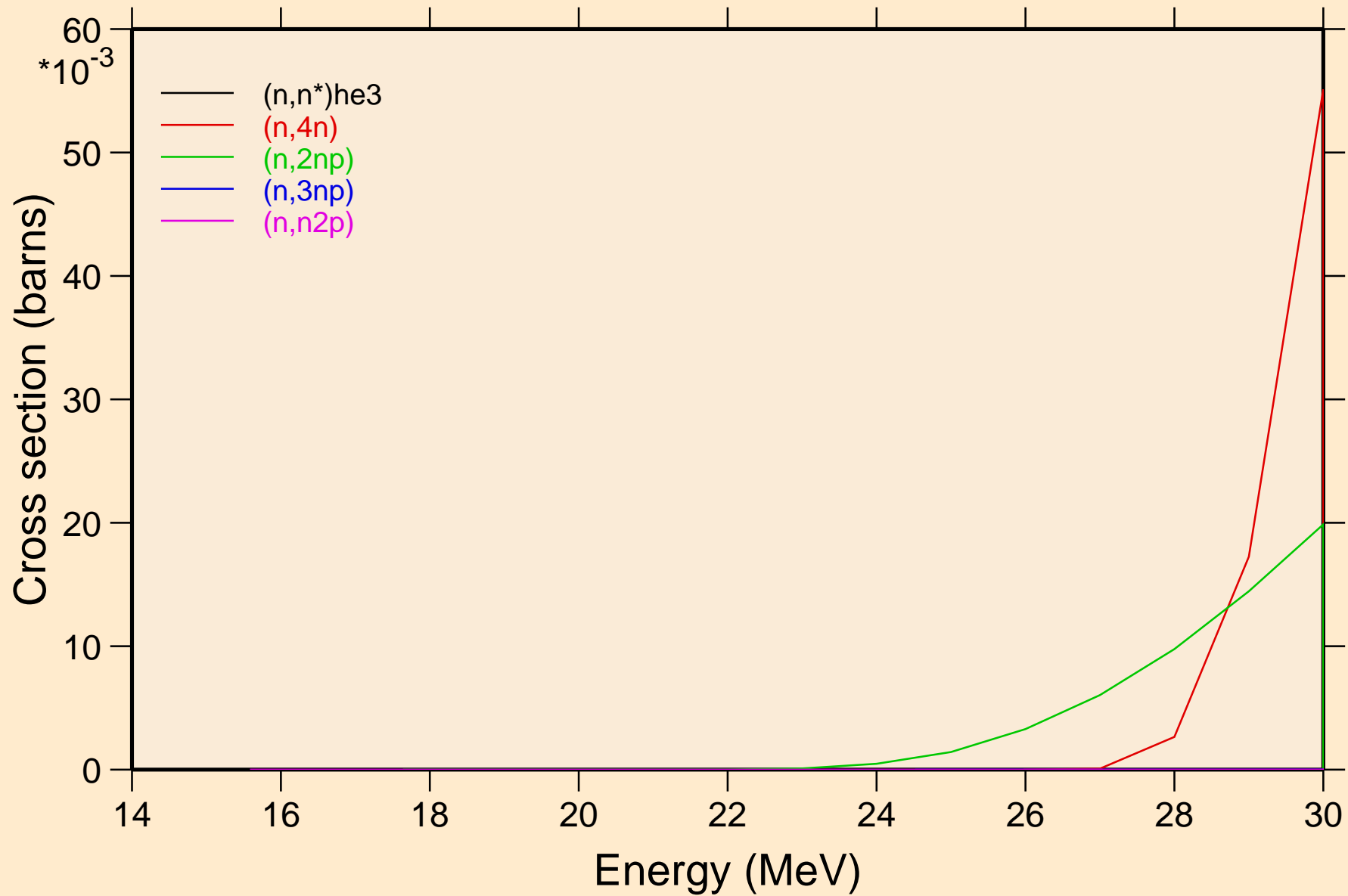
# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



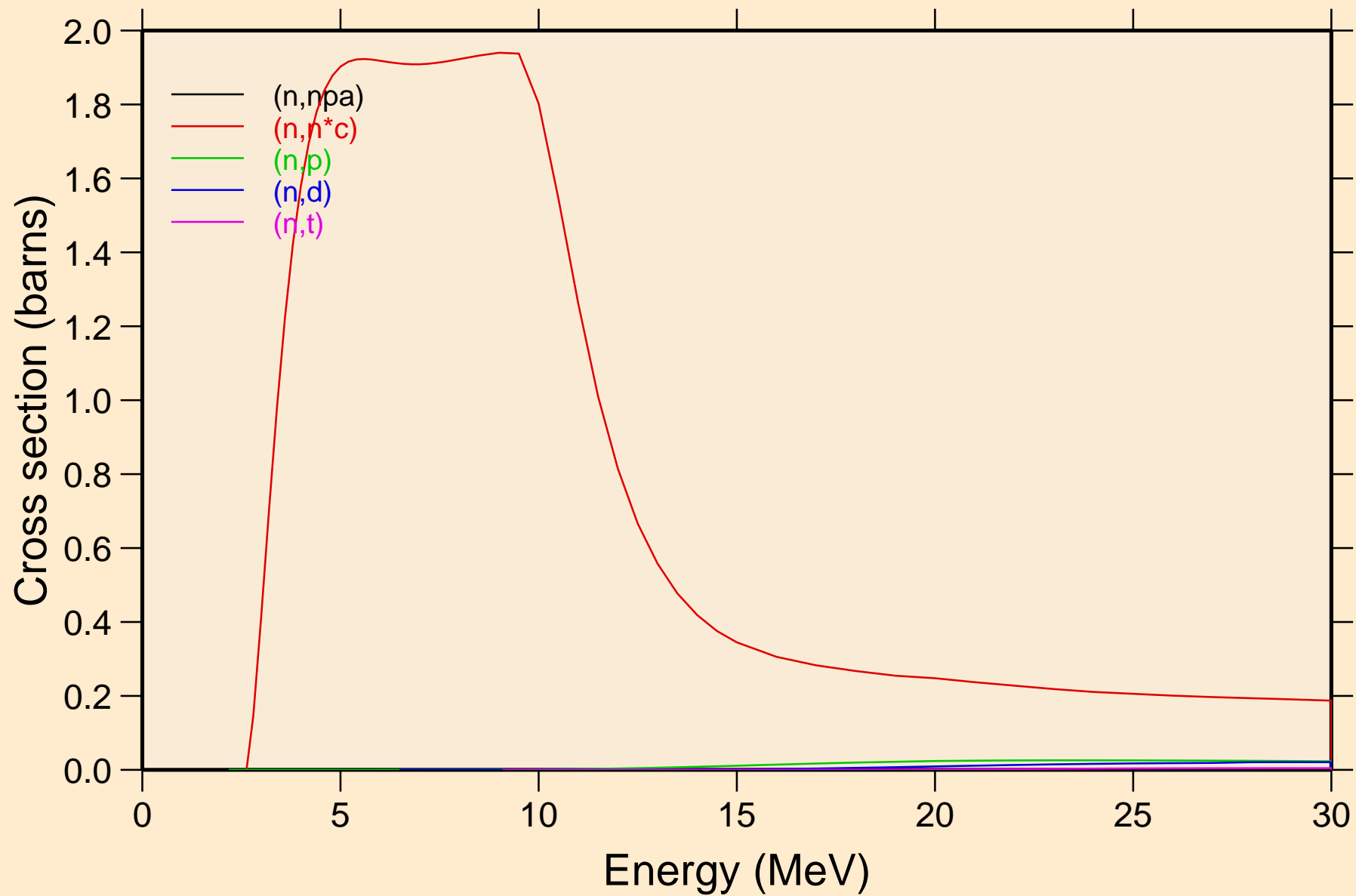
# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

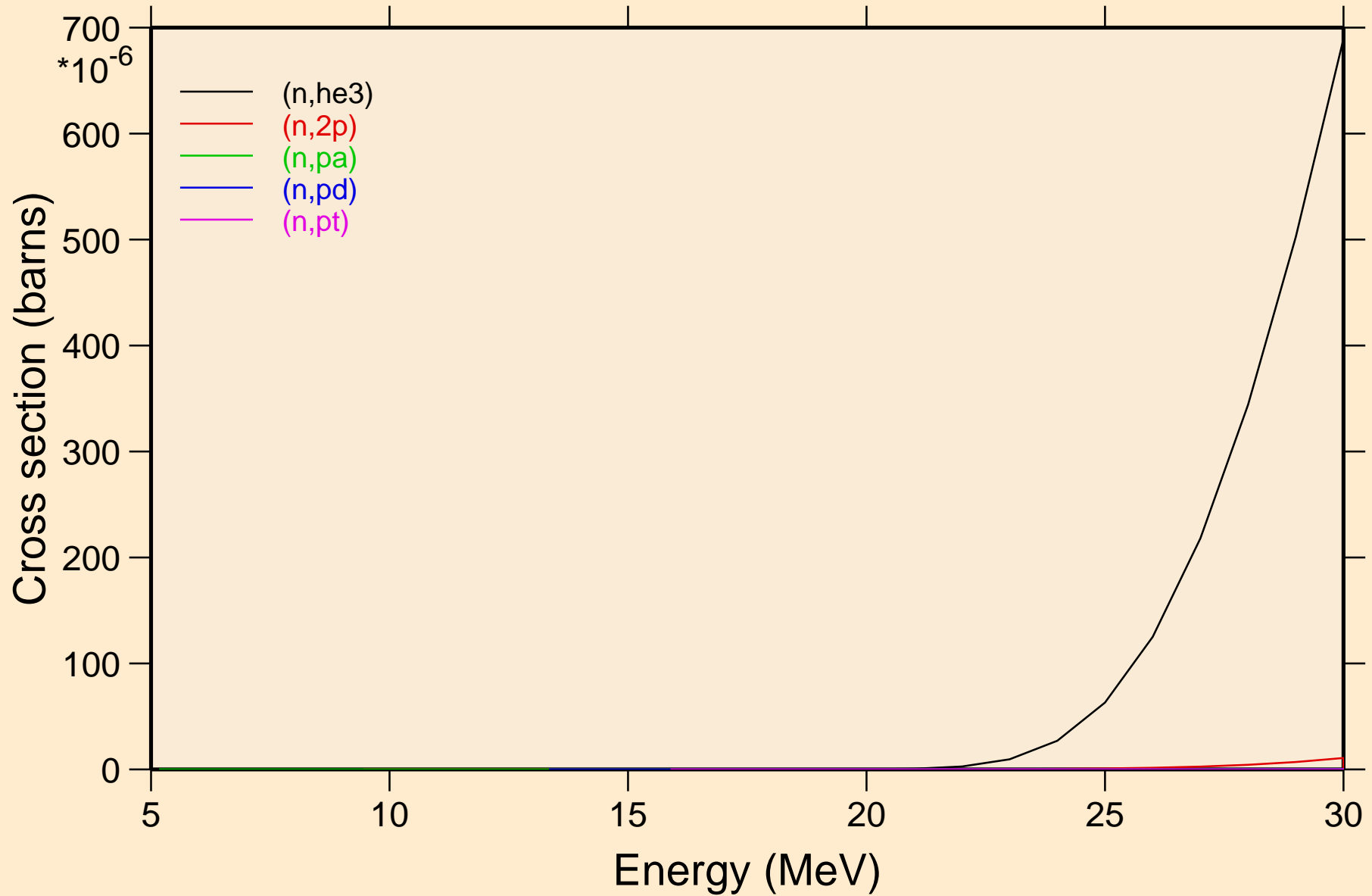
## Threshold reactions



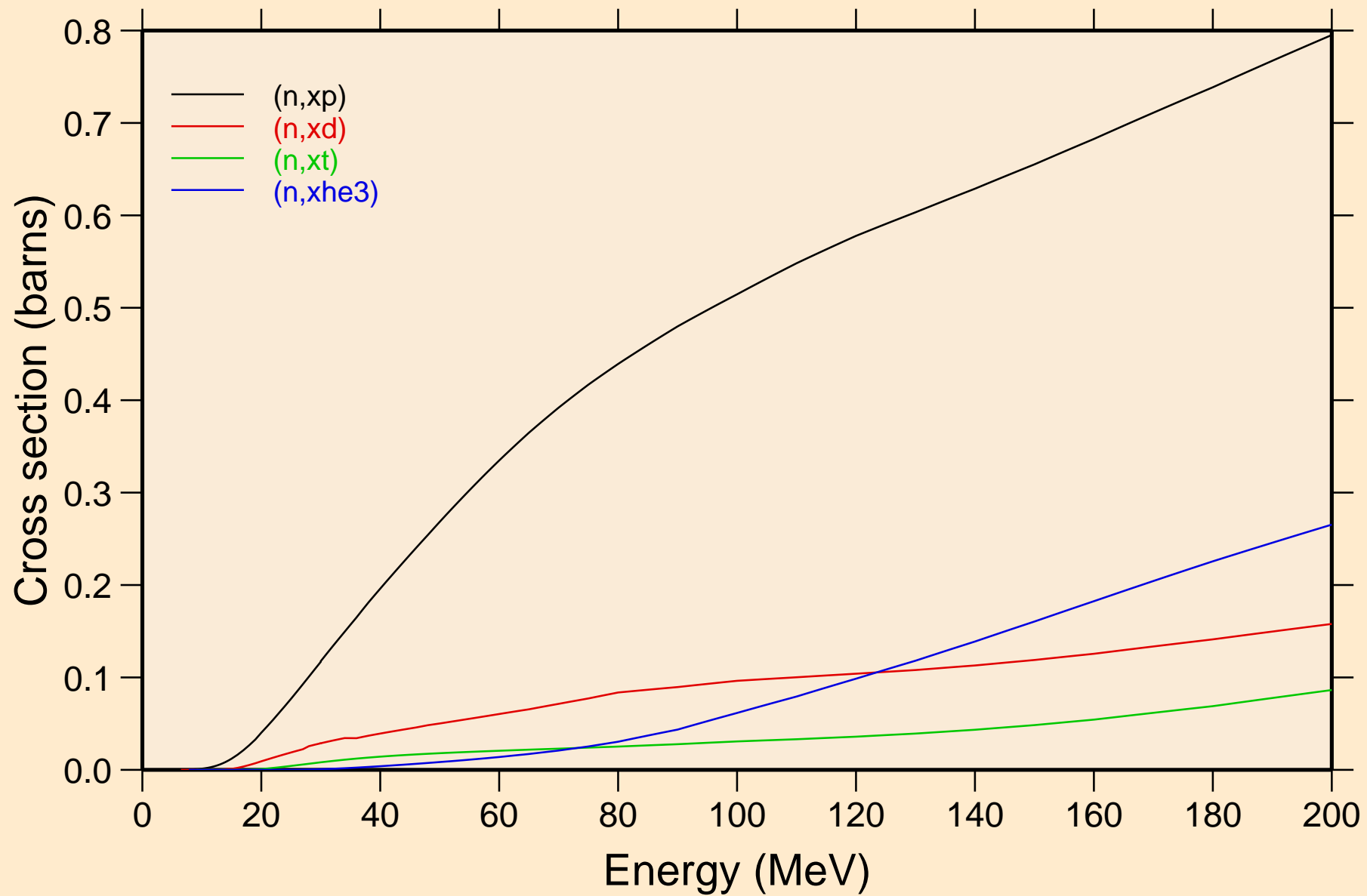


# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

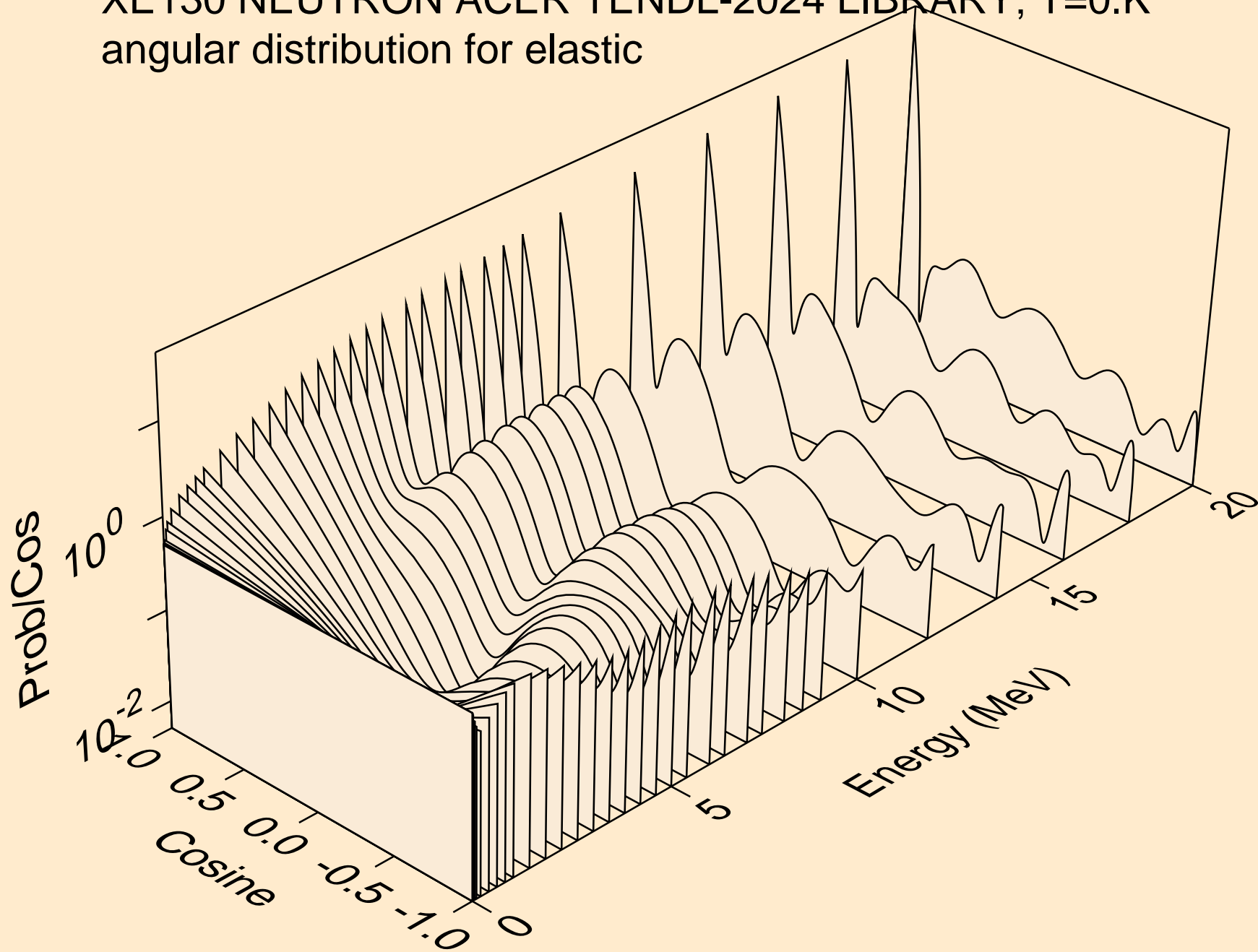
## Threshold reactions



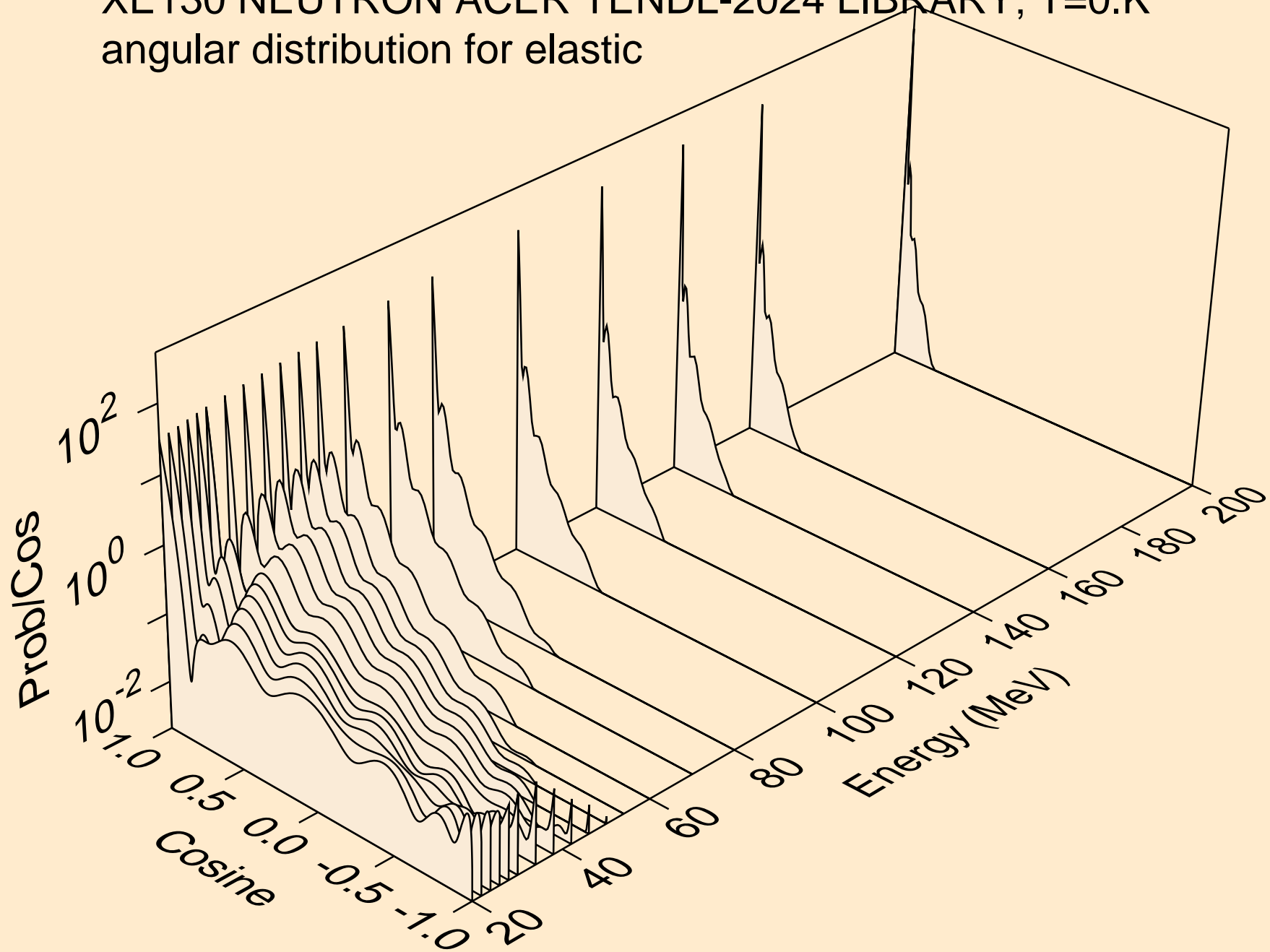
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



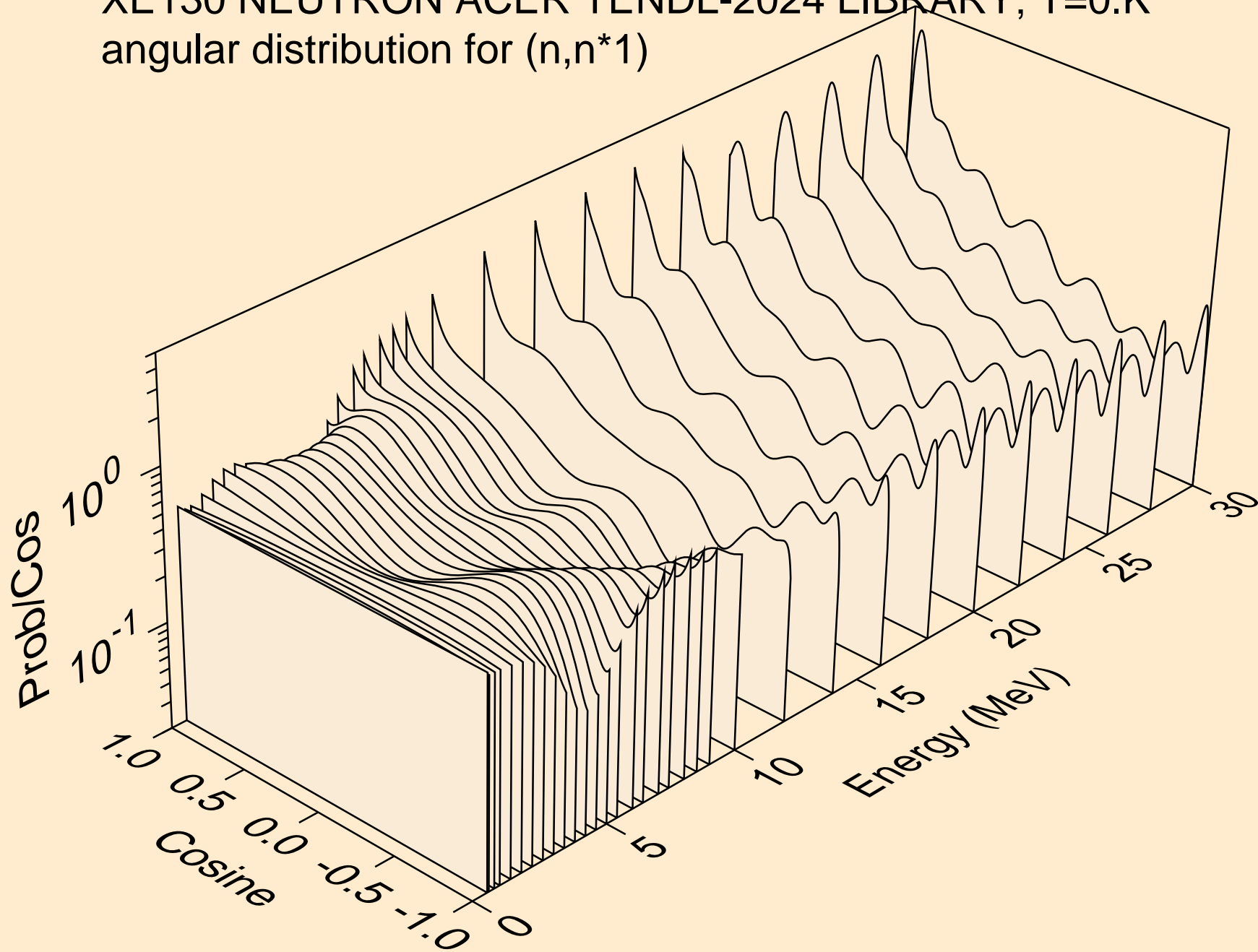
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



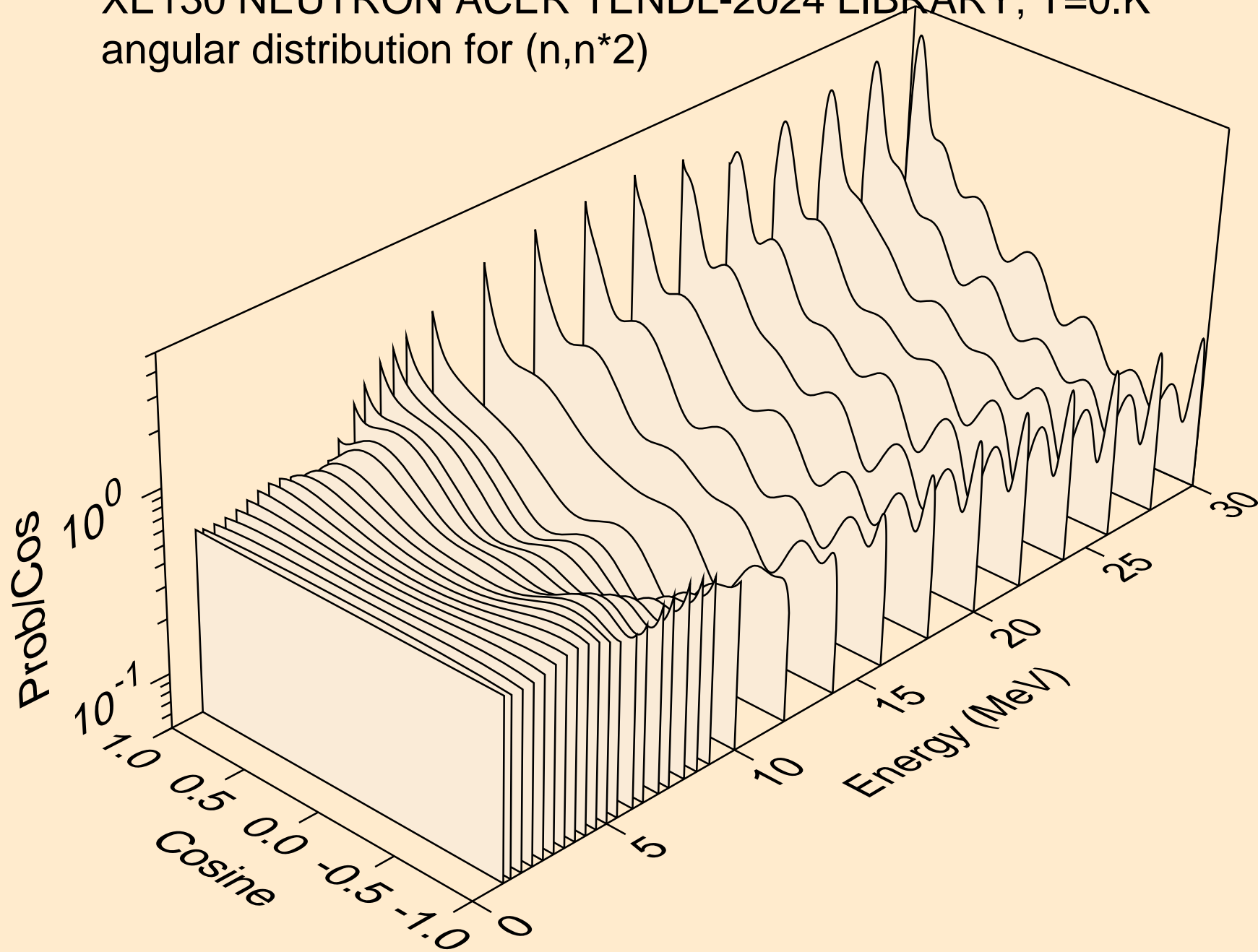
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



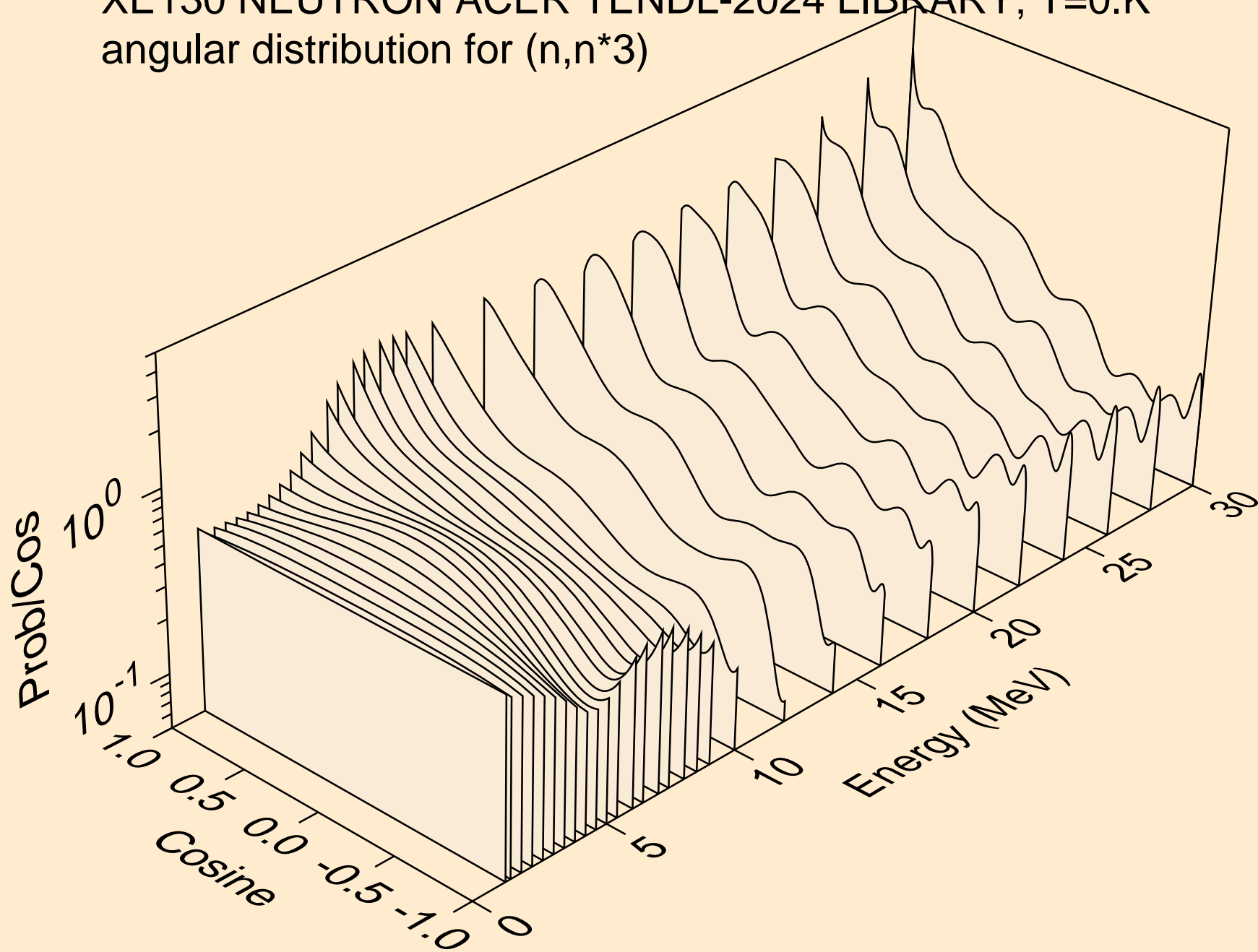
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



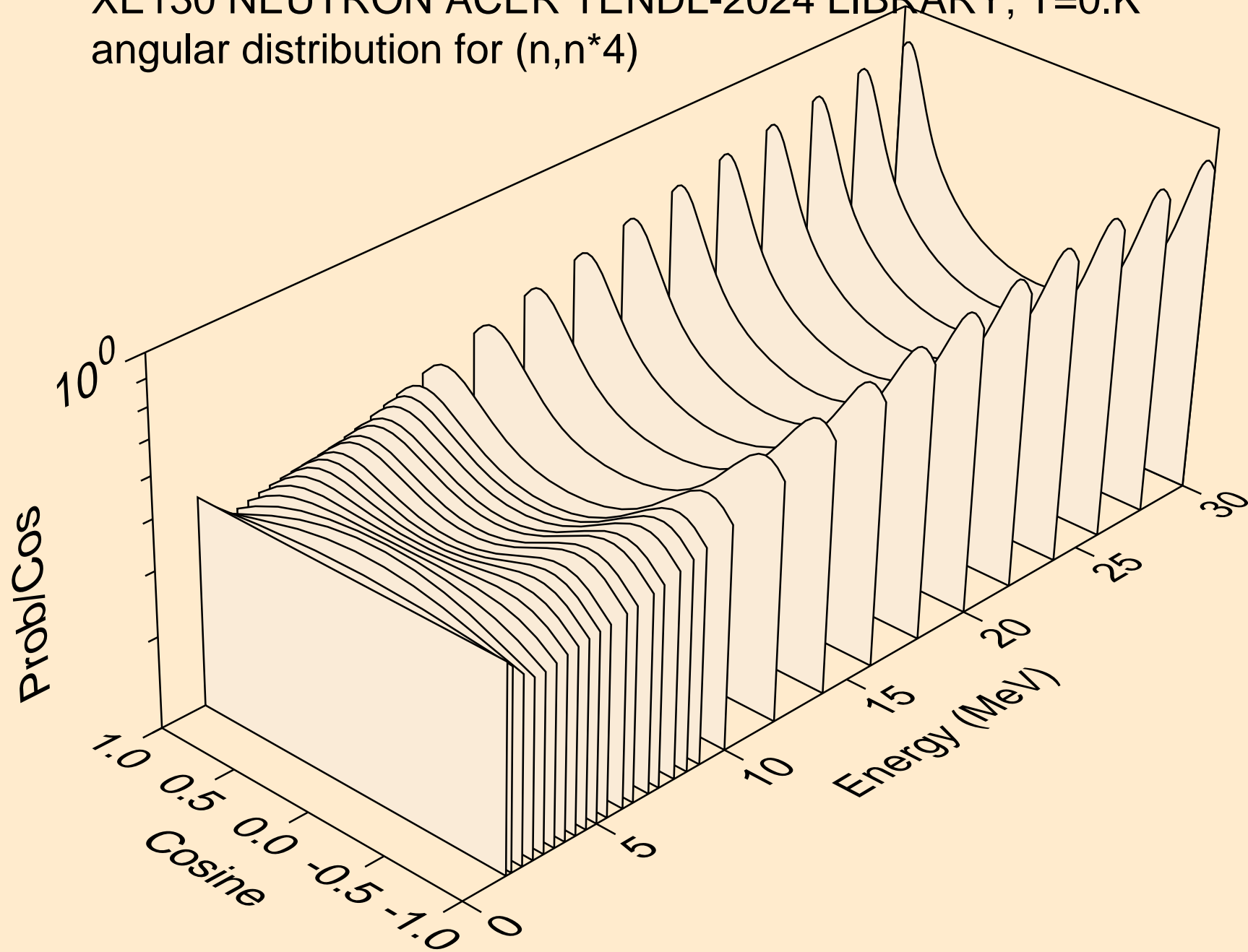
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

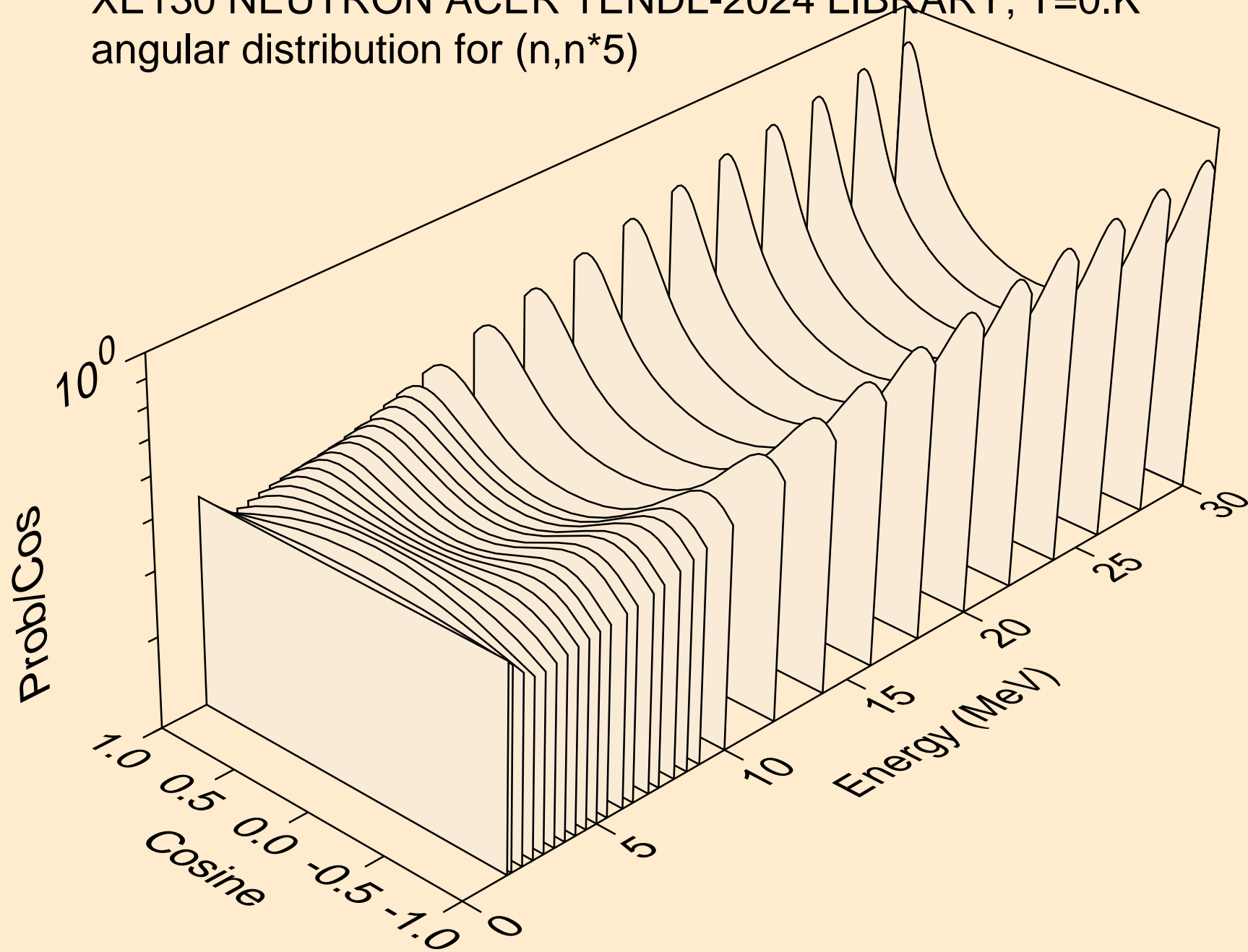


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

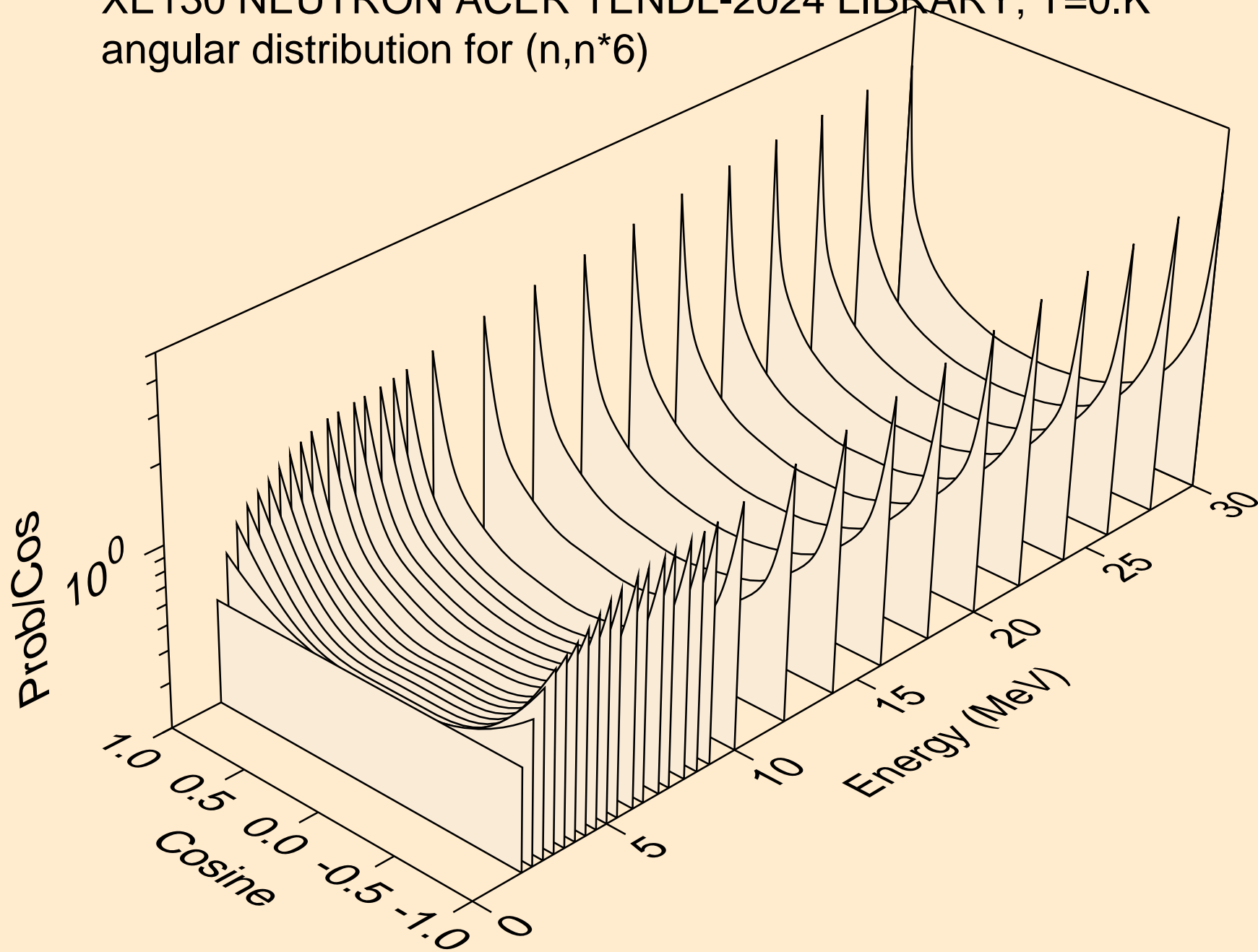




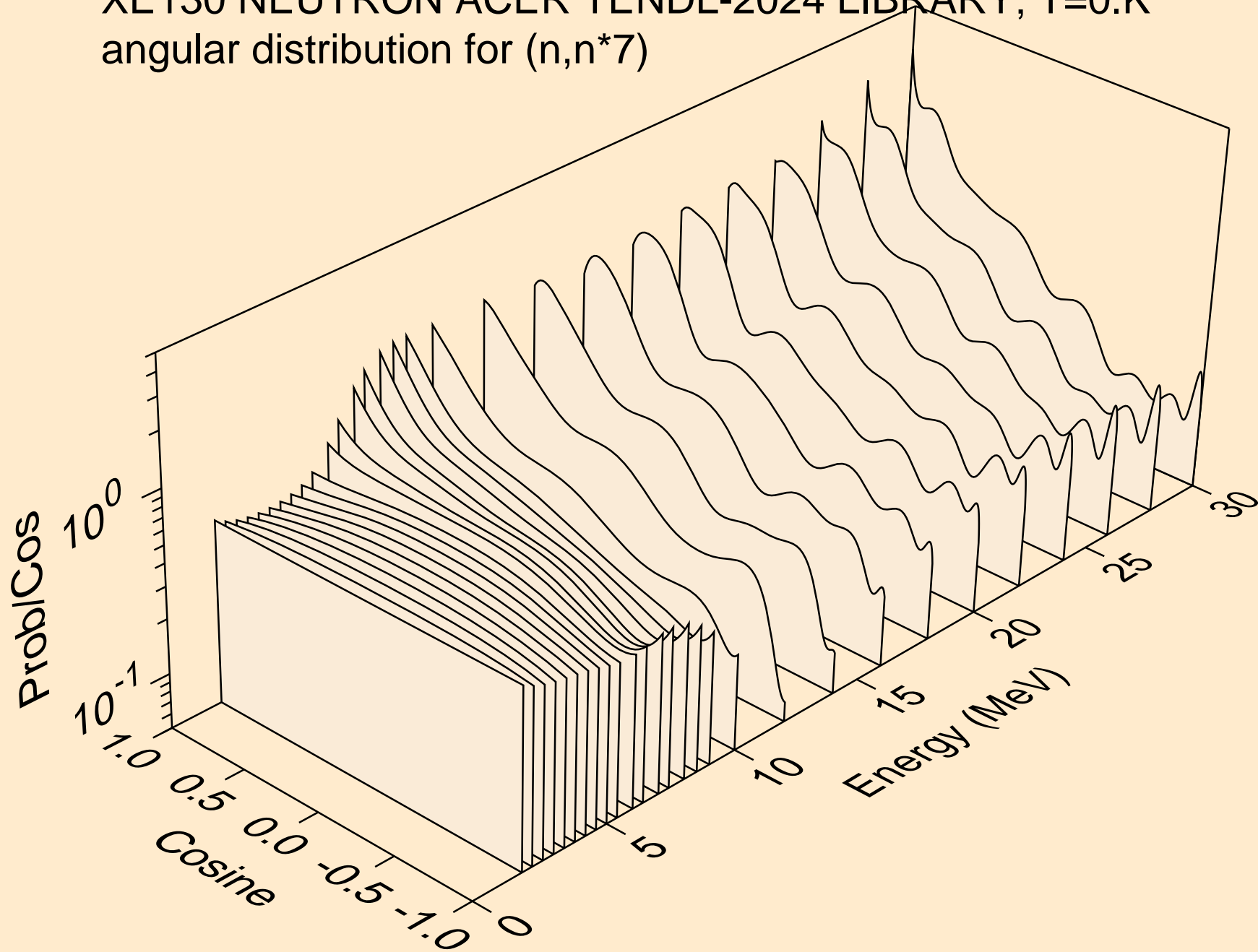
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



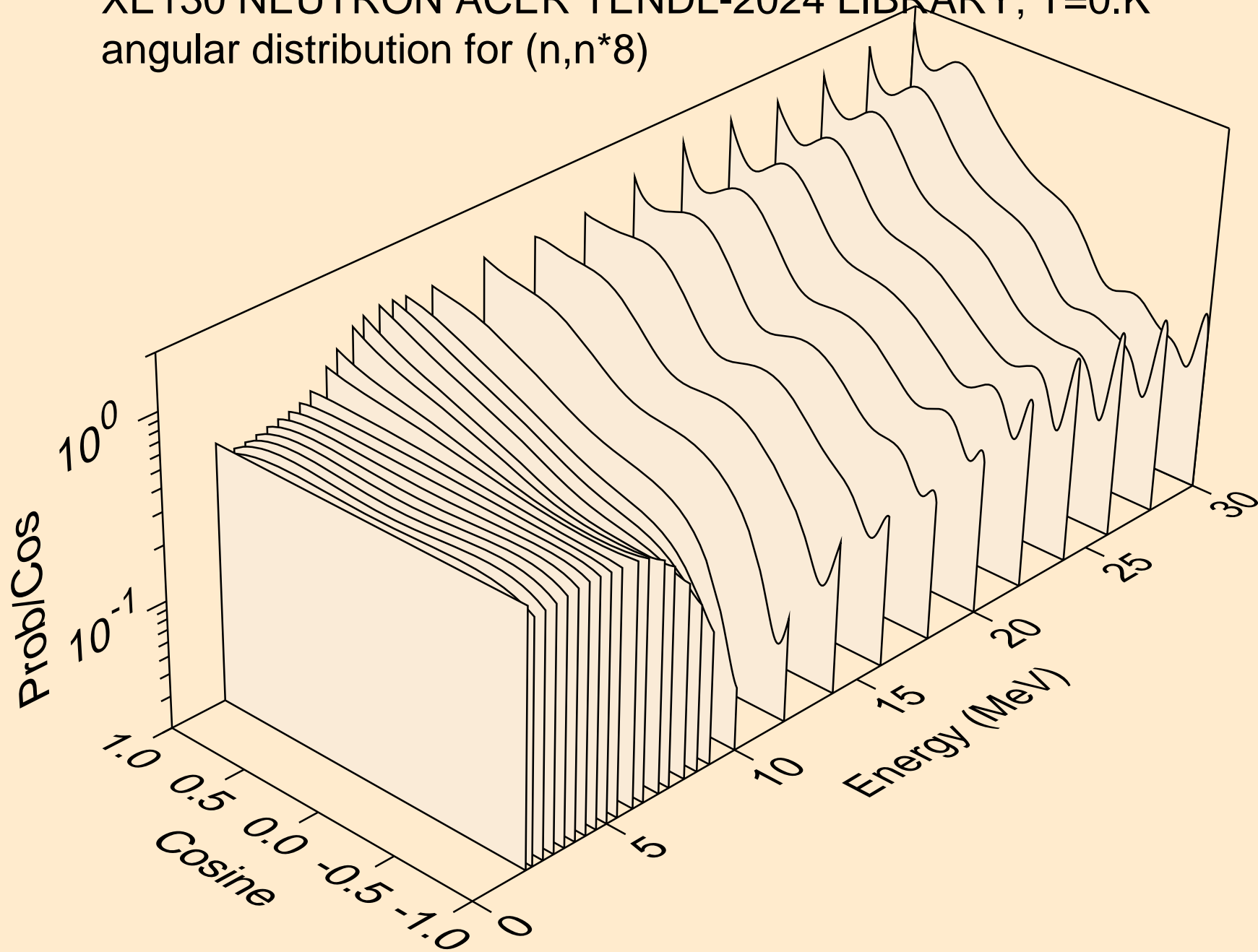
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



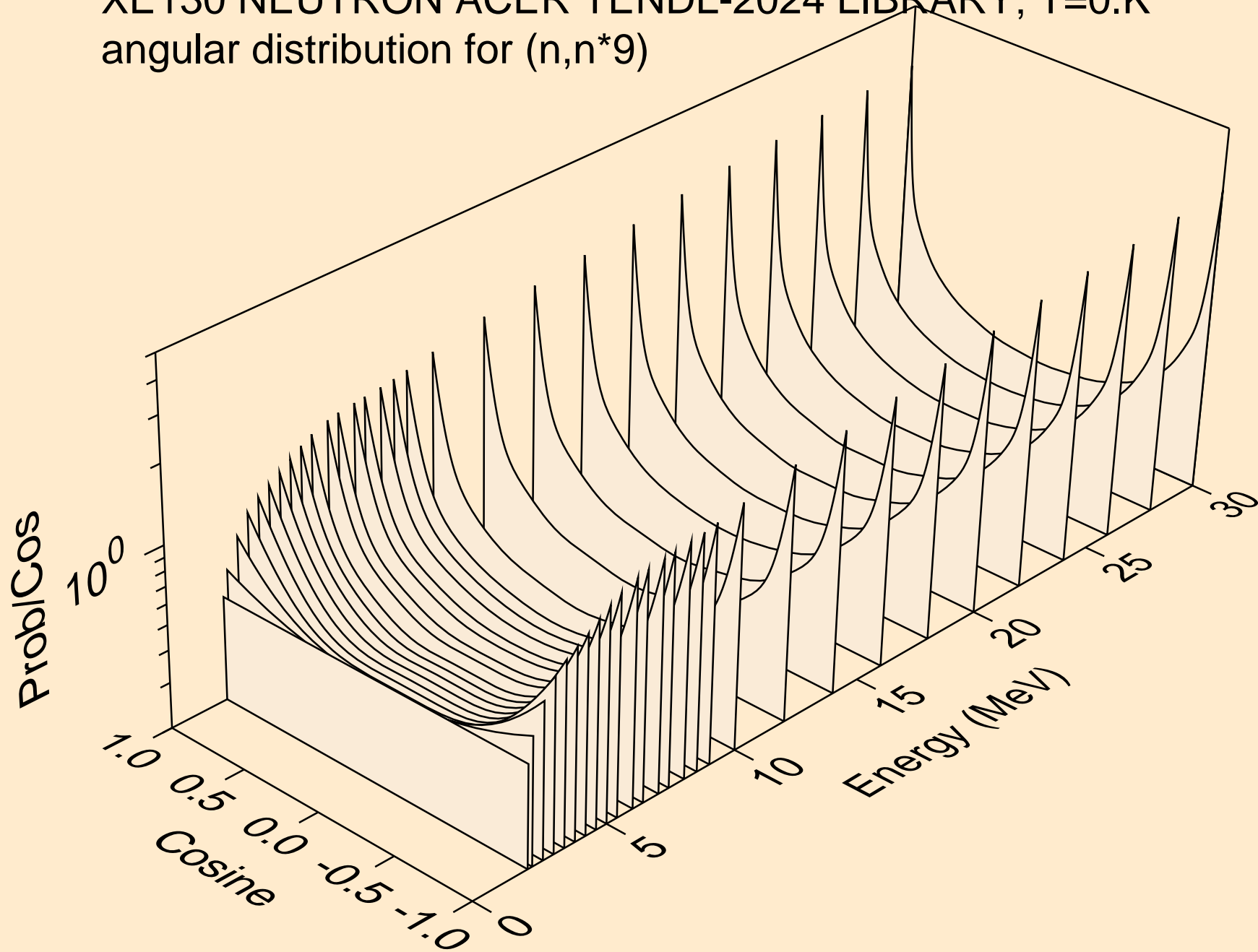
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



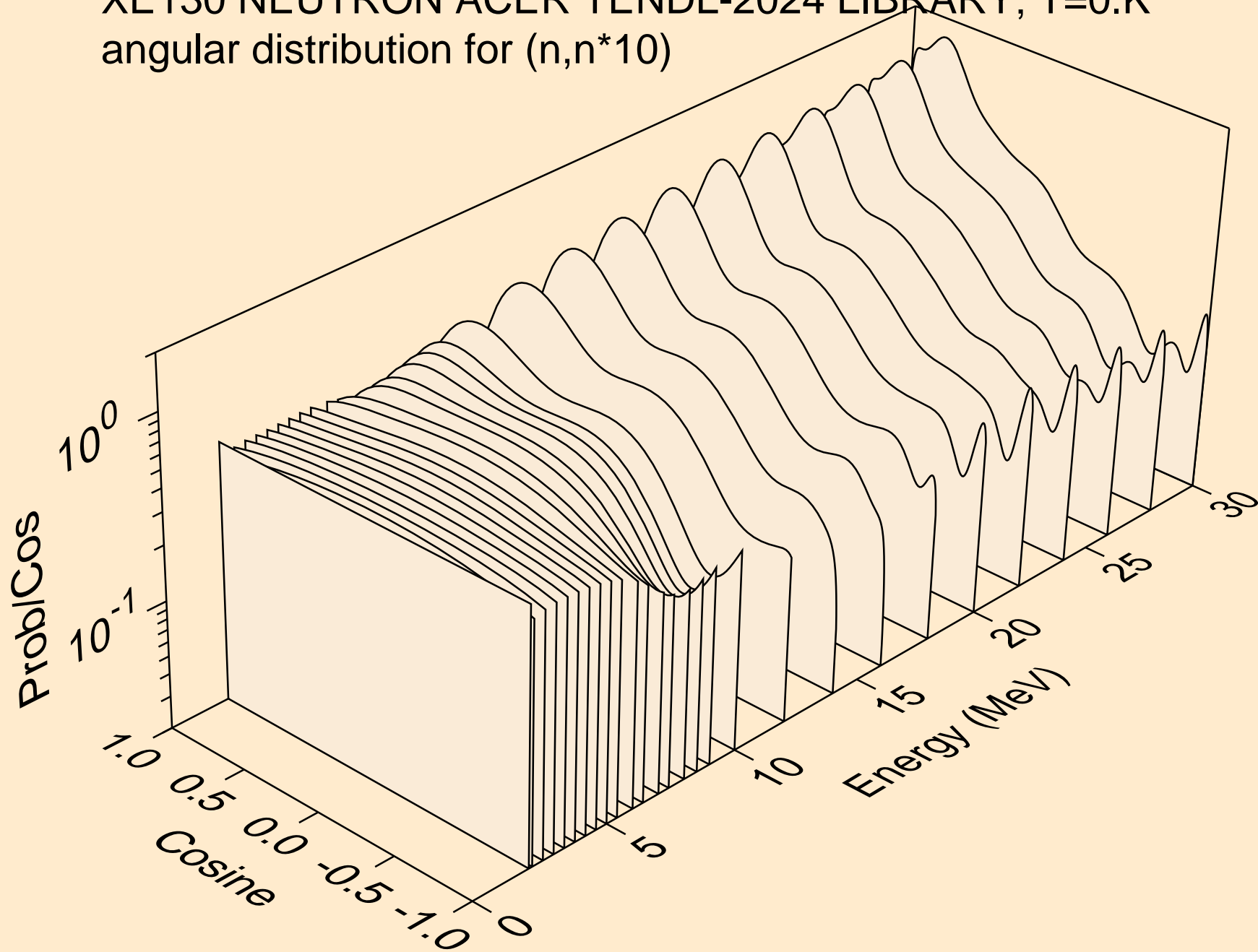
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angular distribution for (n,n\*8)



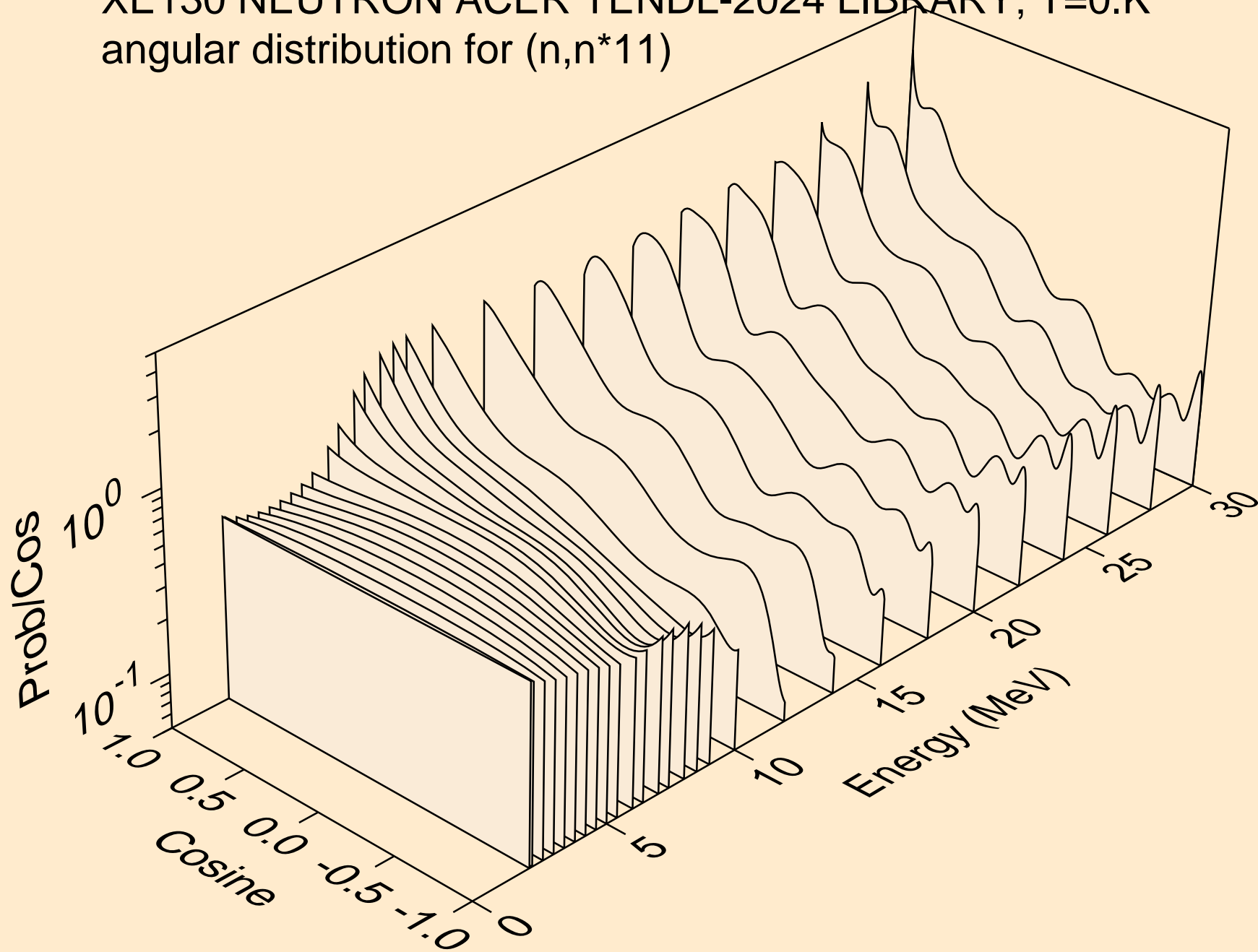
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angular distribution for (n,n\*9)



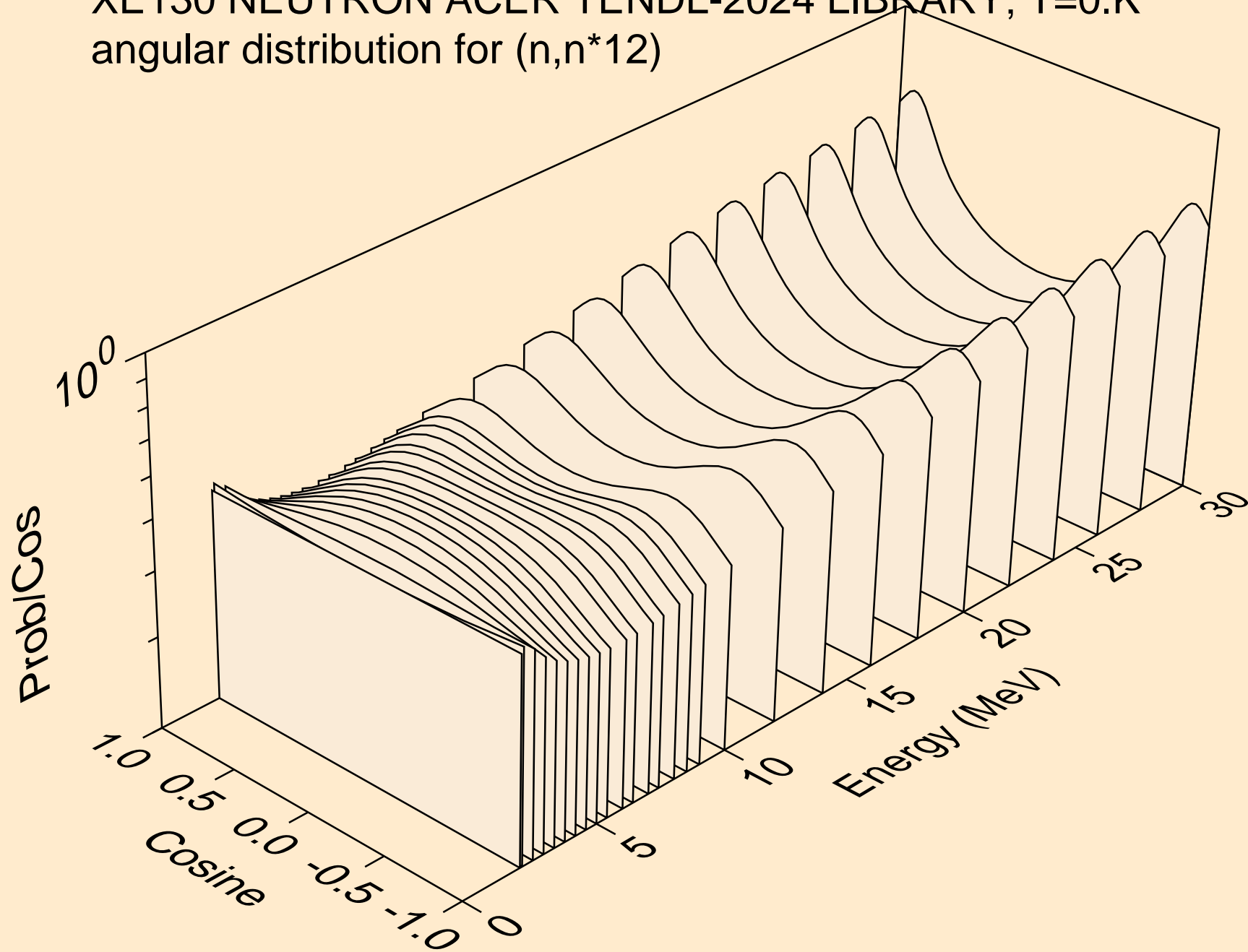
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

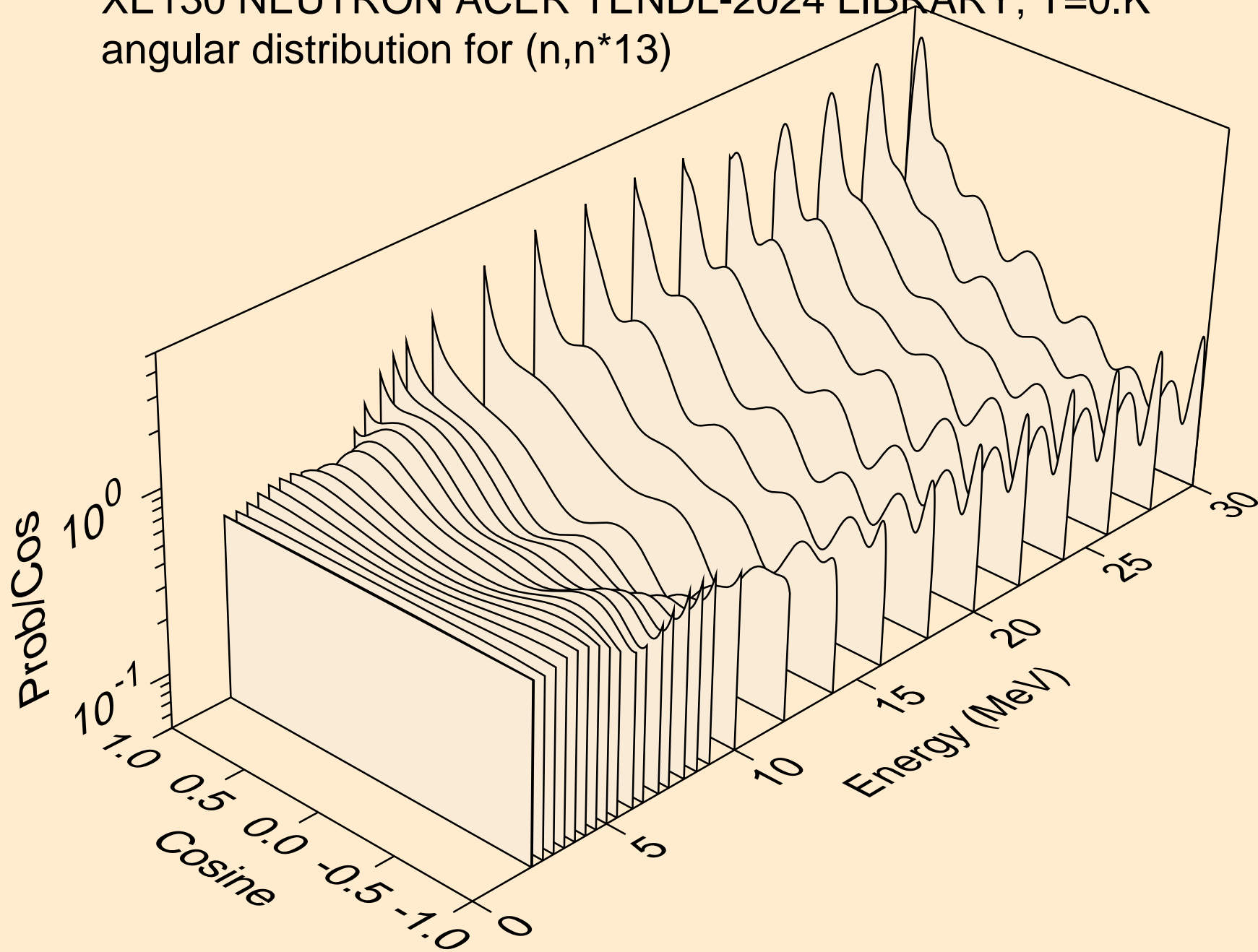


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

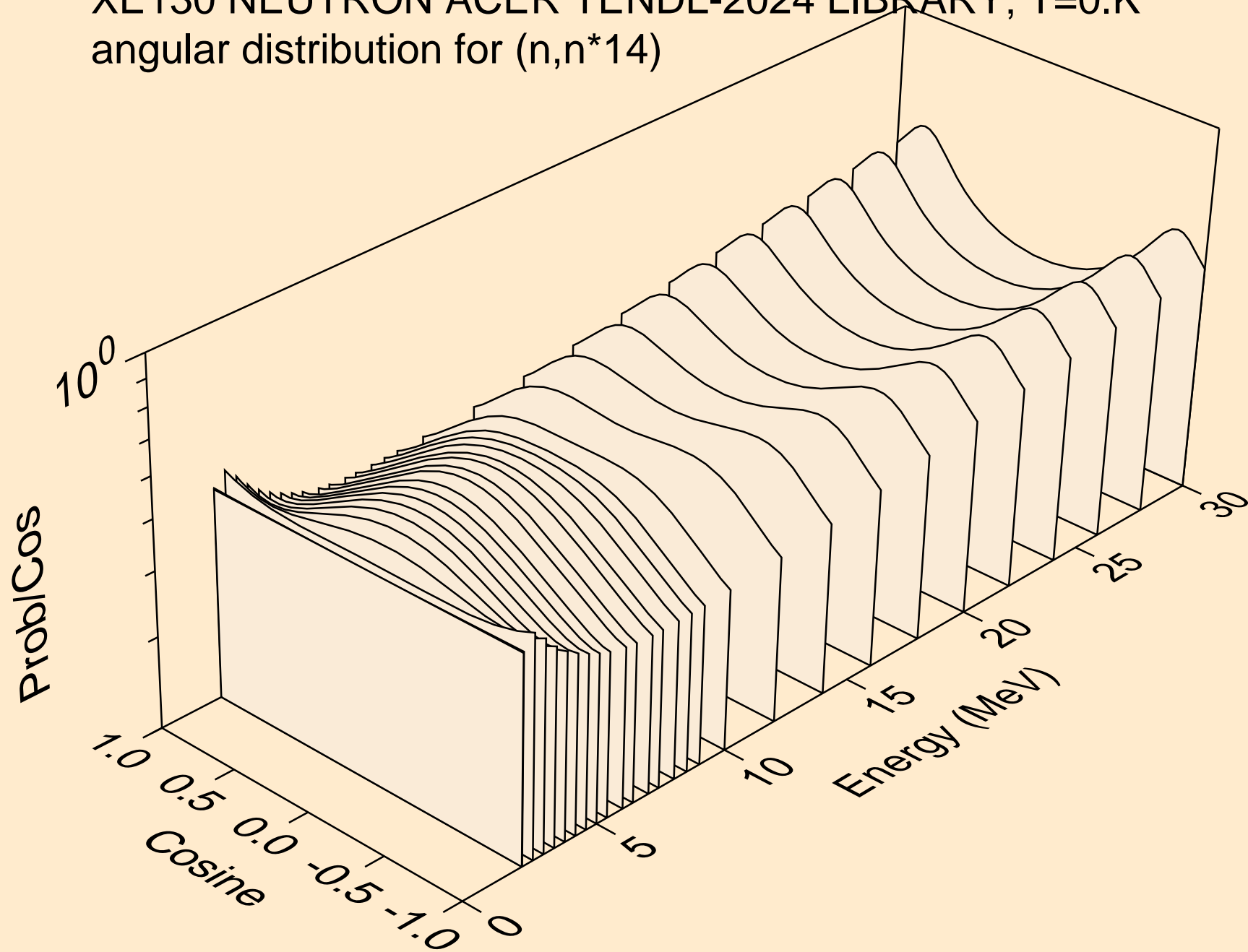




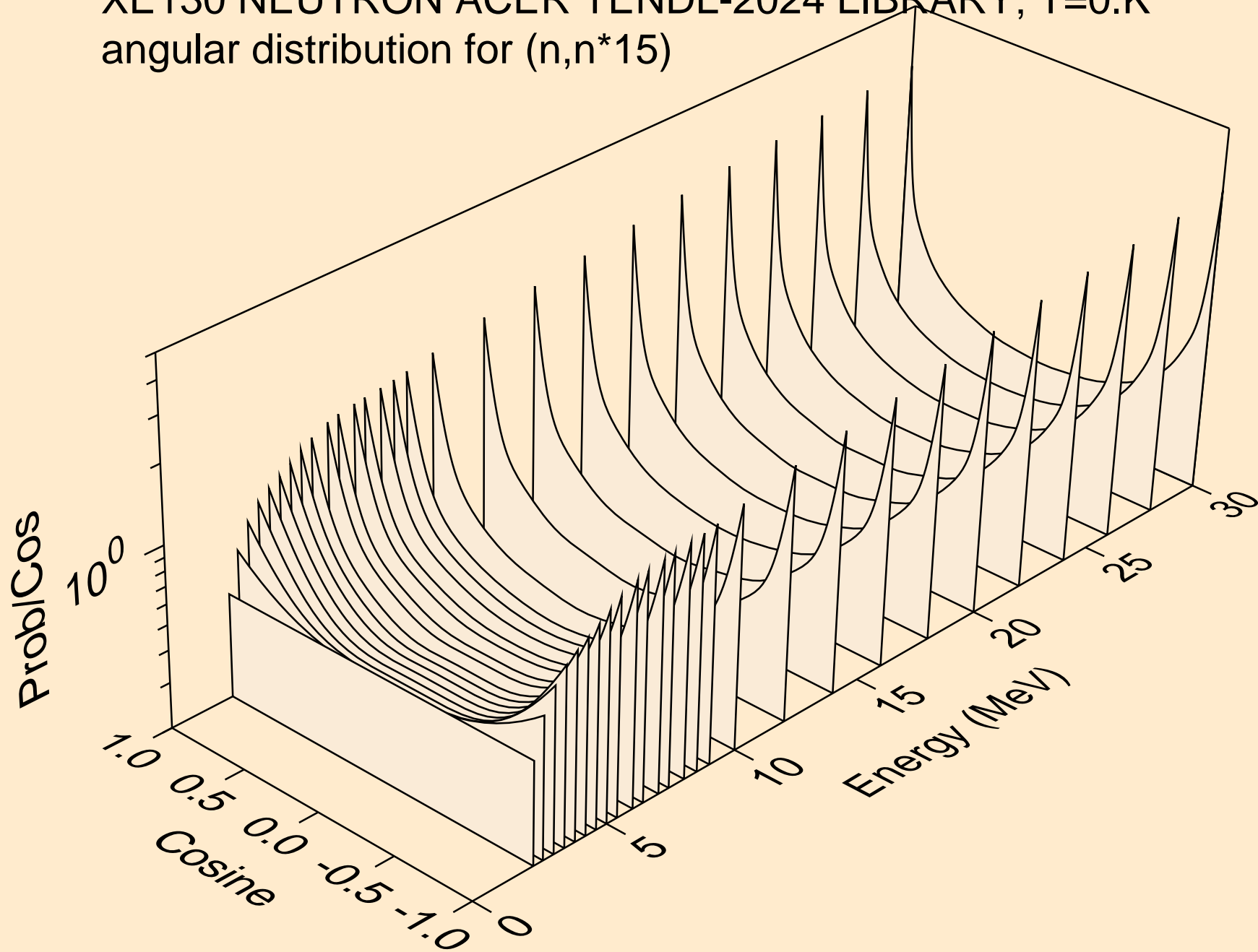
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angular distribution for (n,n\*13)



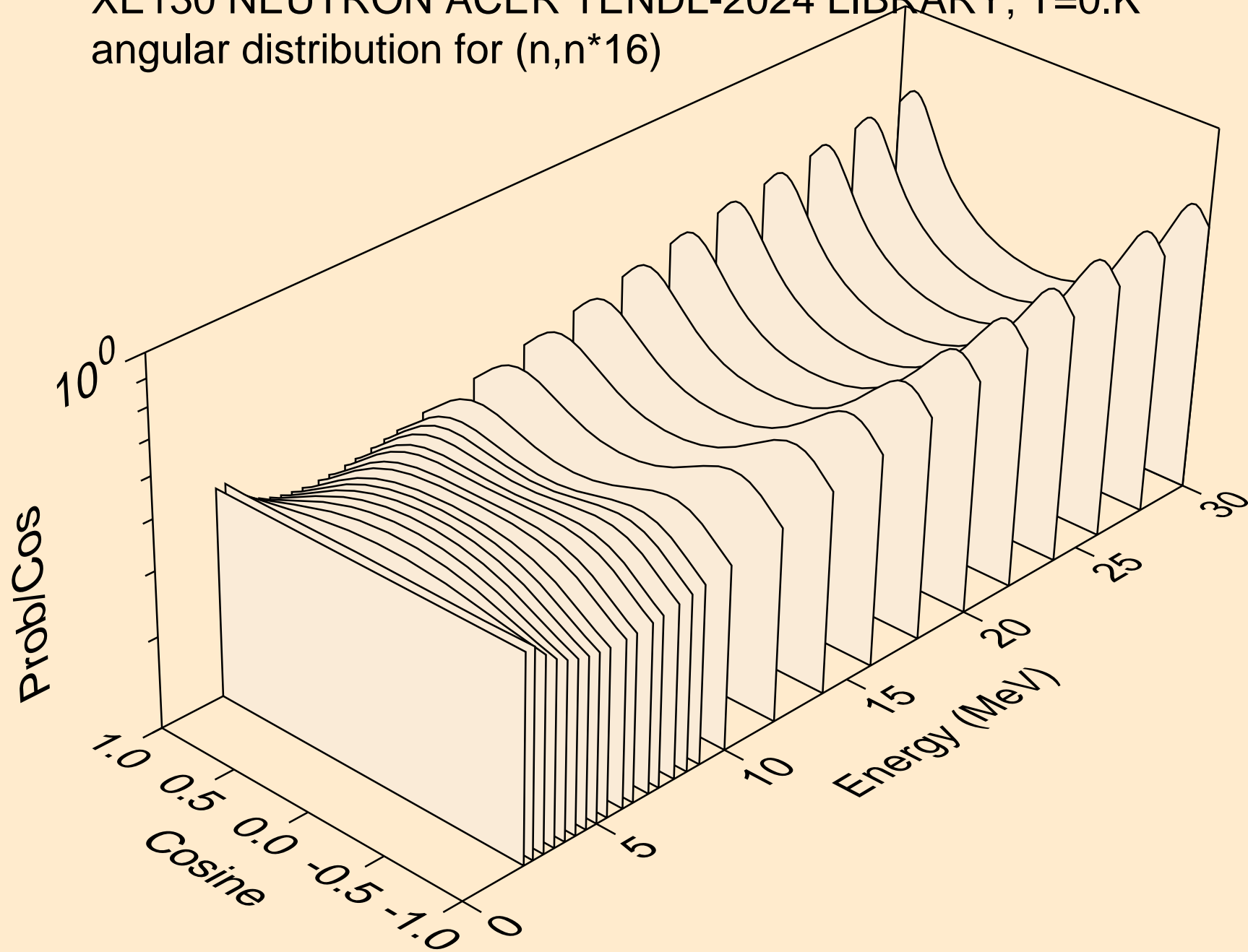
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angular distribution for (n,n\*14)



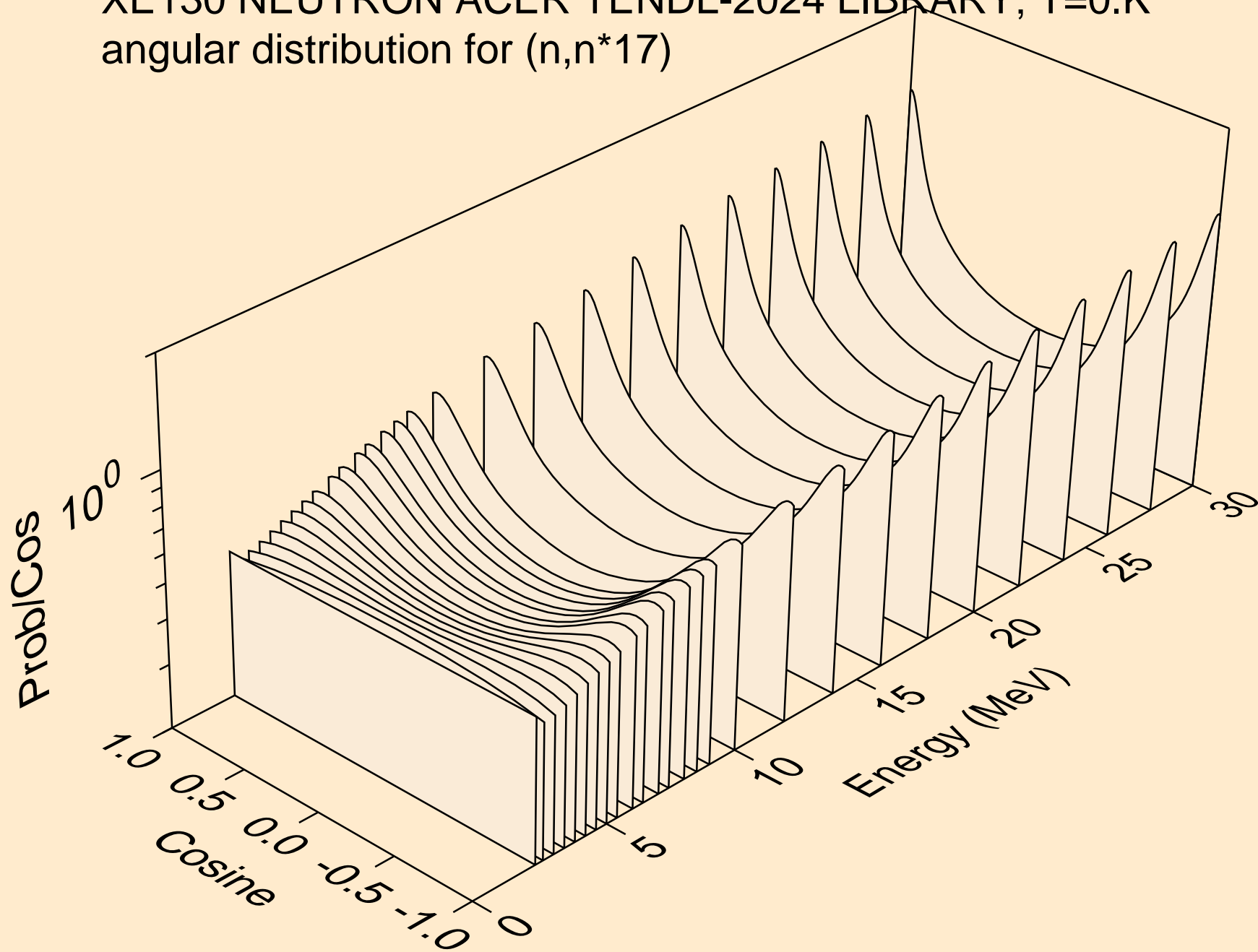
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angular distribution for (n,n\*15)



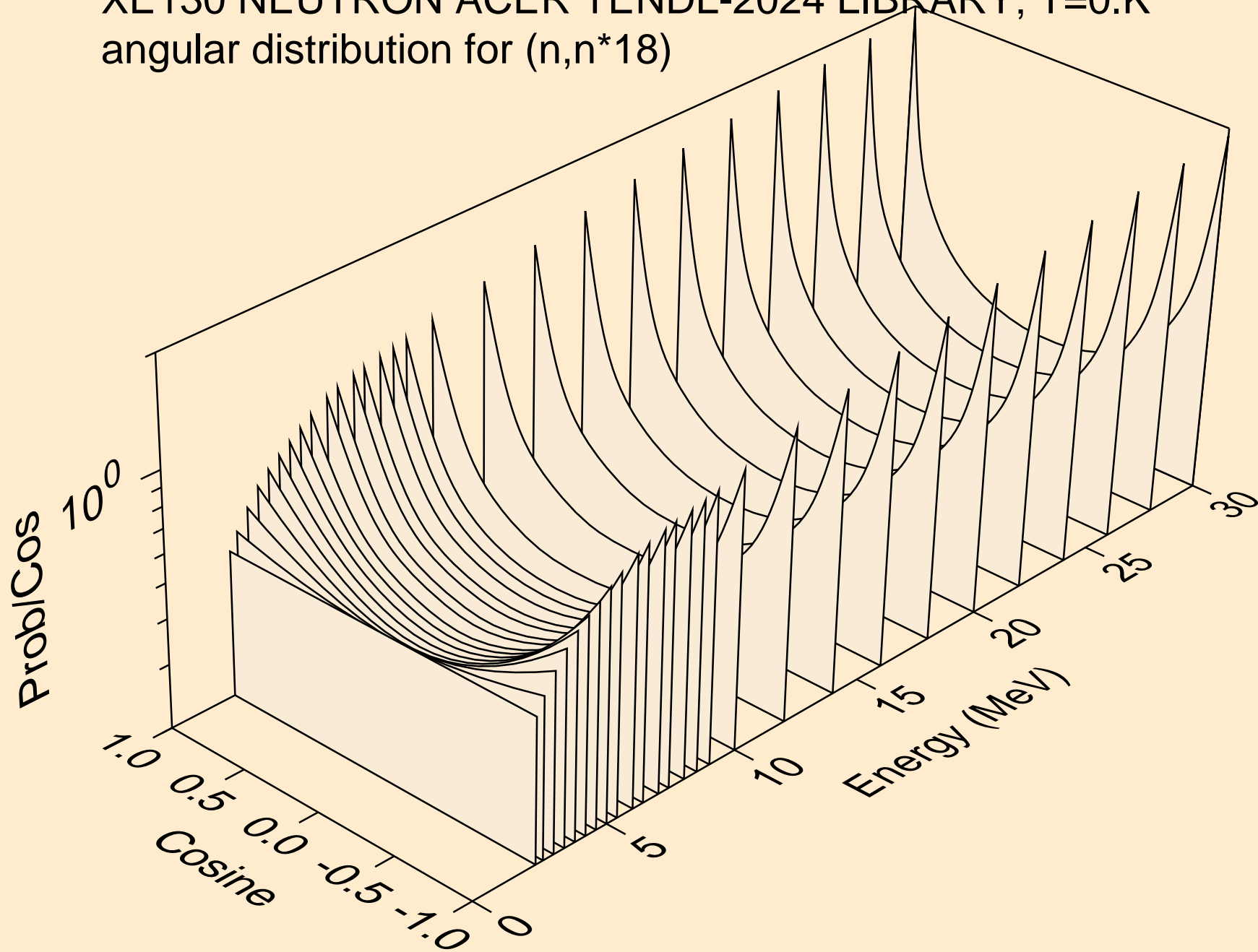
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angular distribution for (n,n\*16)



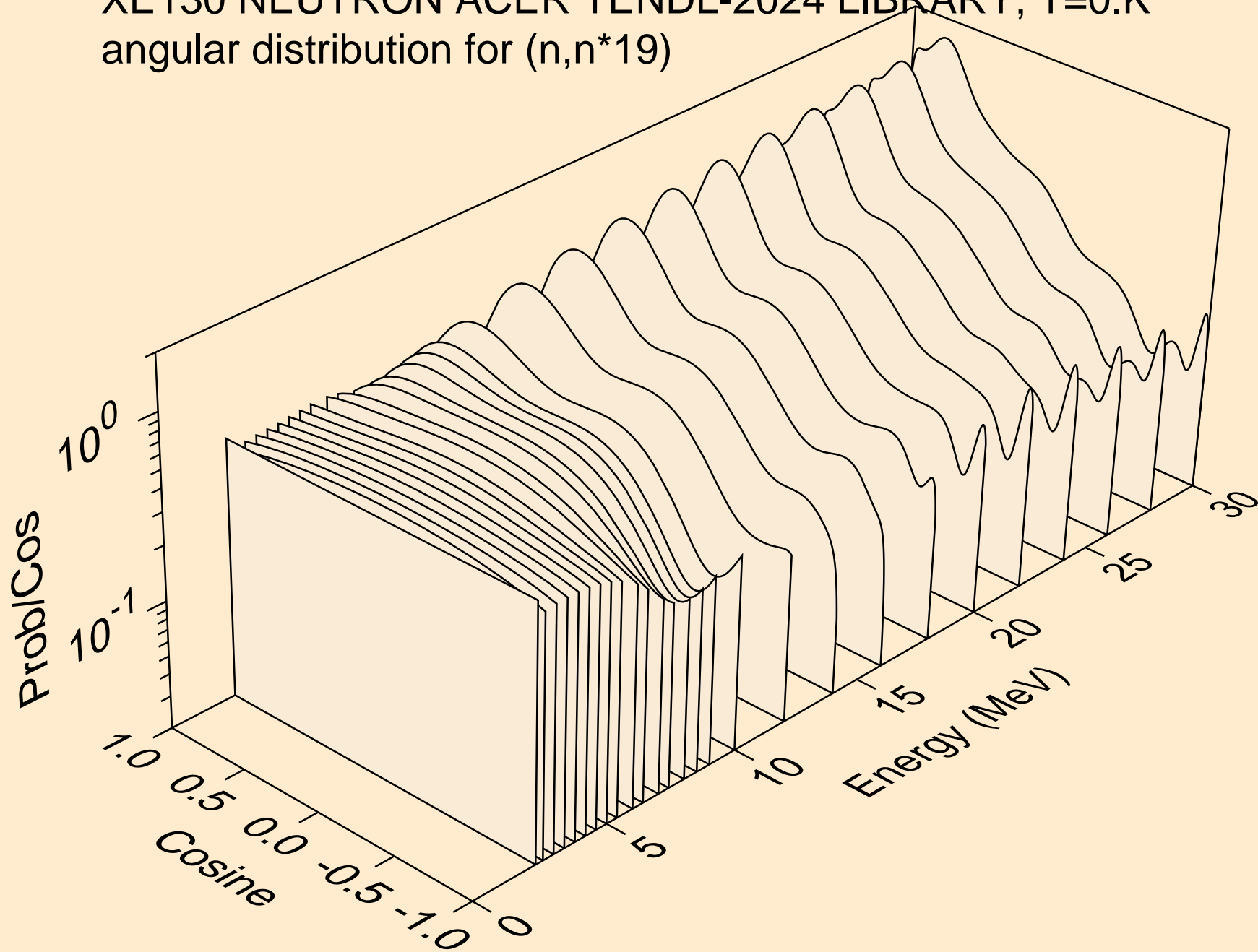
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angular distribution for (n,n\*17)



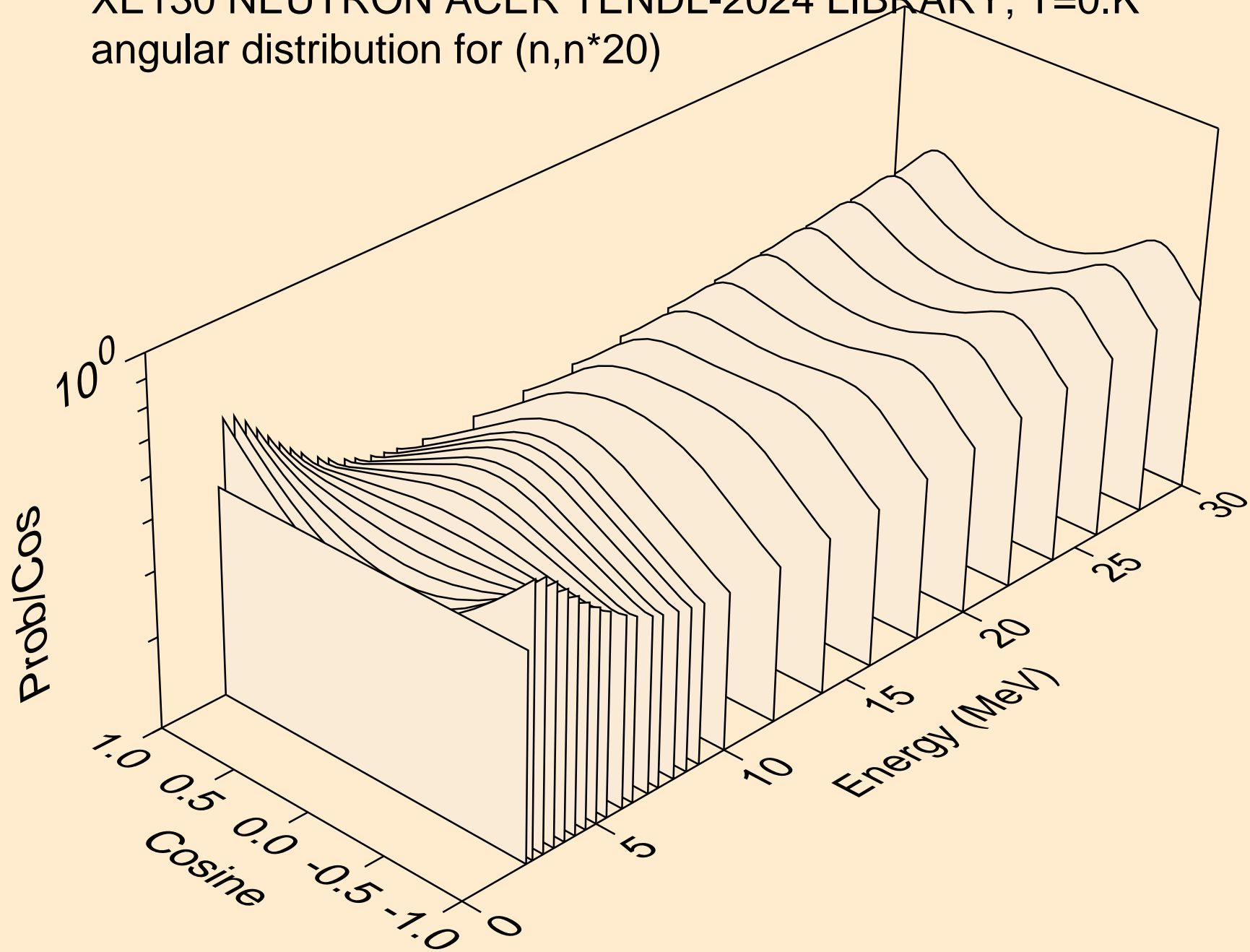
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

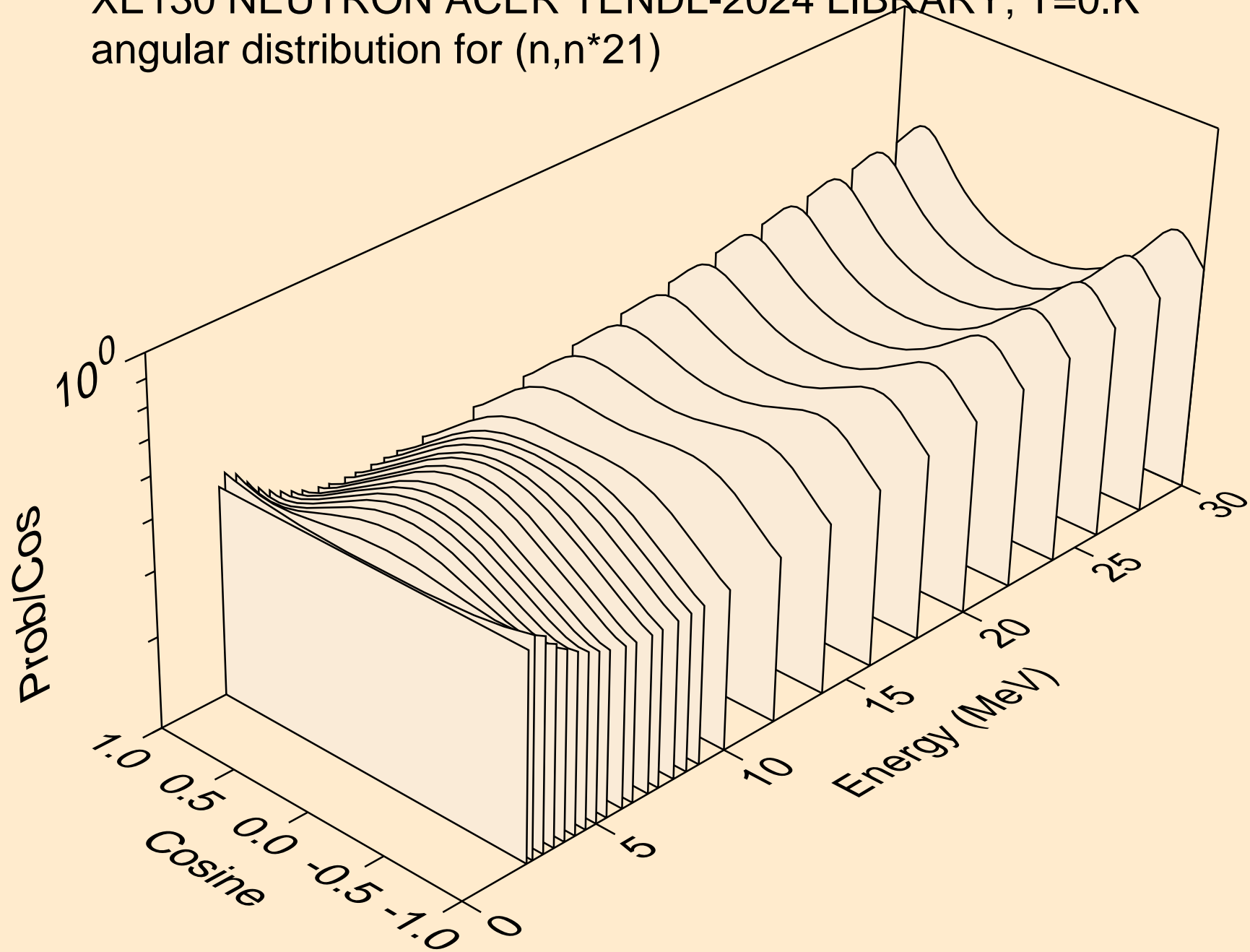


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

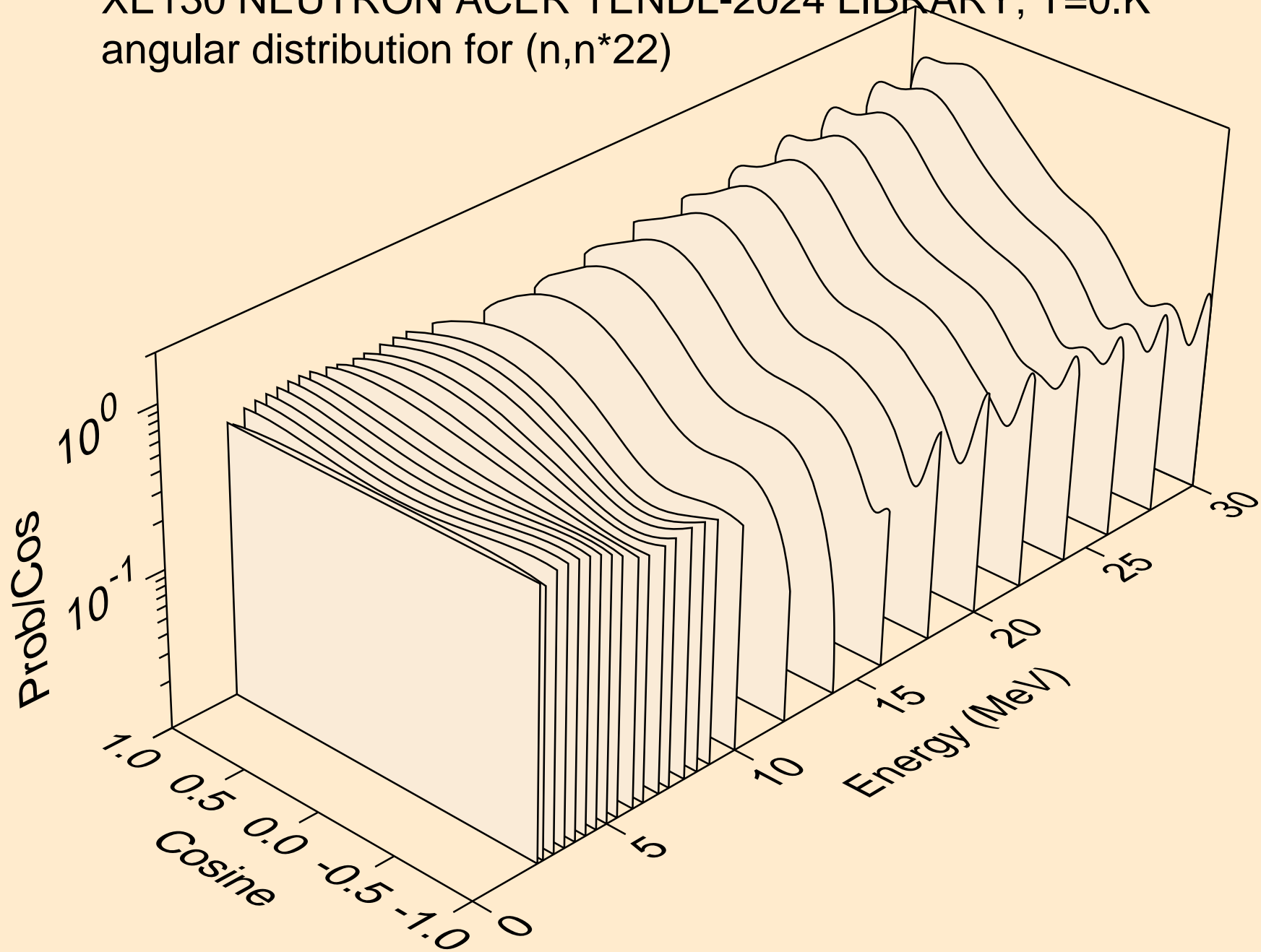




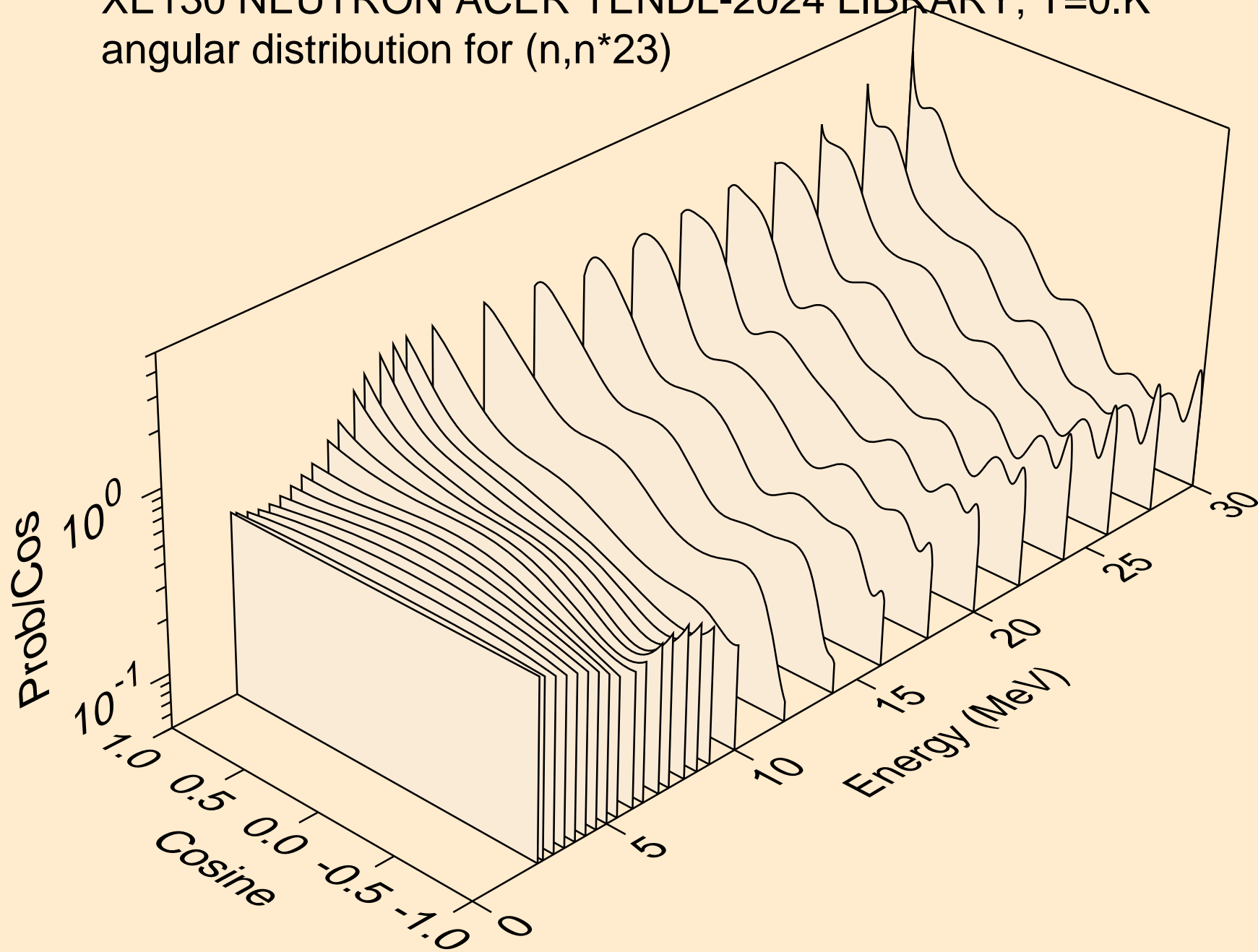
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



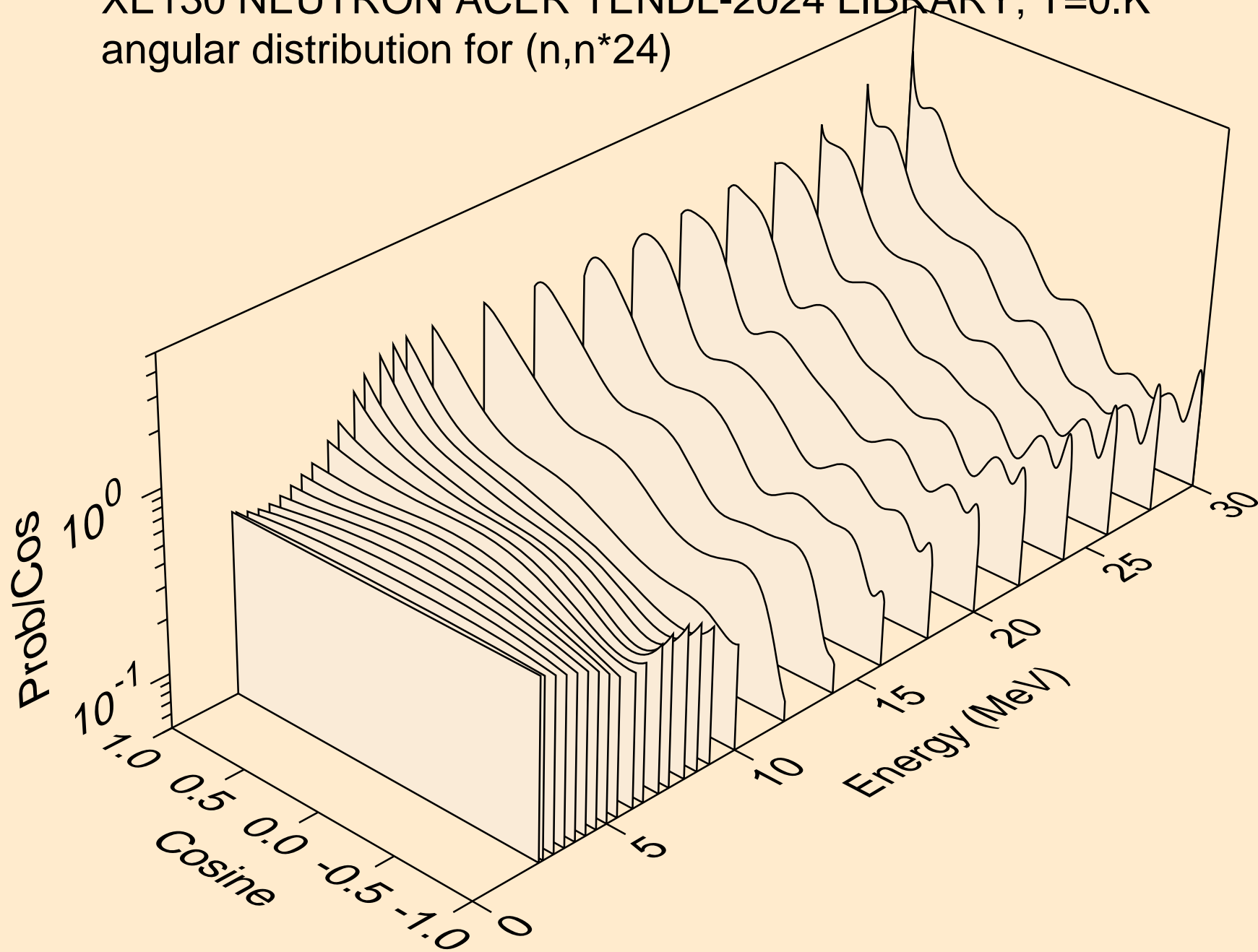
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angular distribution for (n,n\*22)



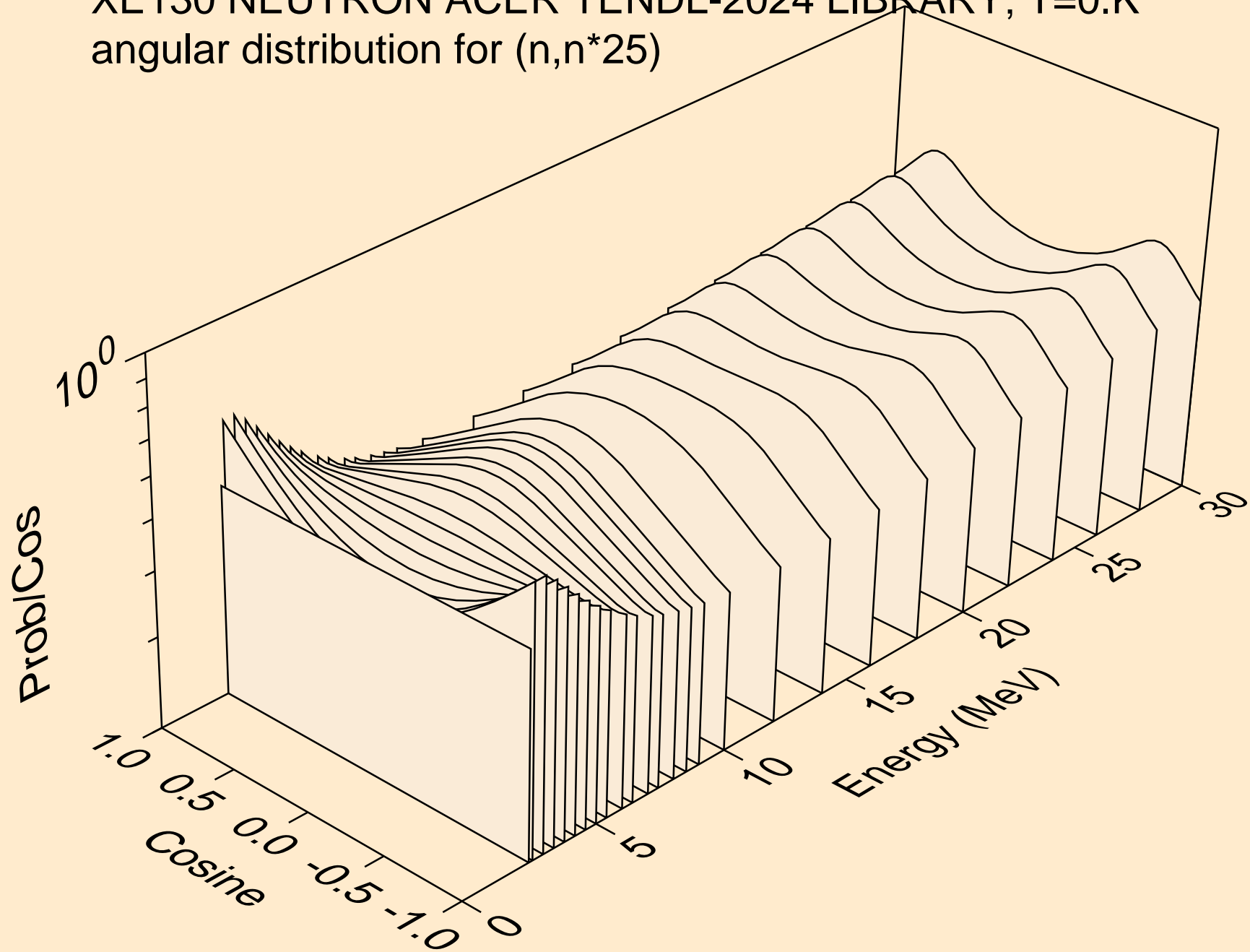
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angular distribution for (n,n\*23)



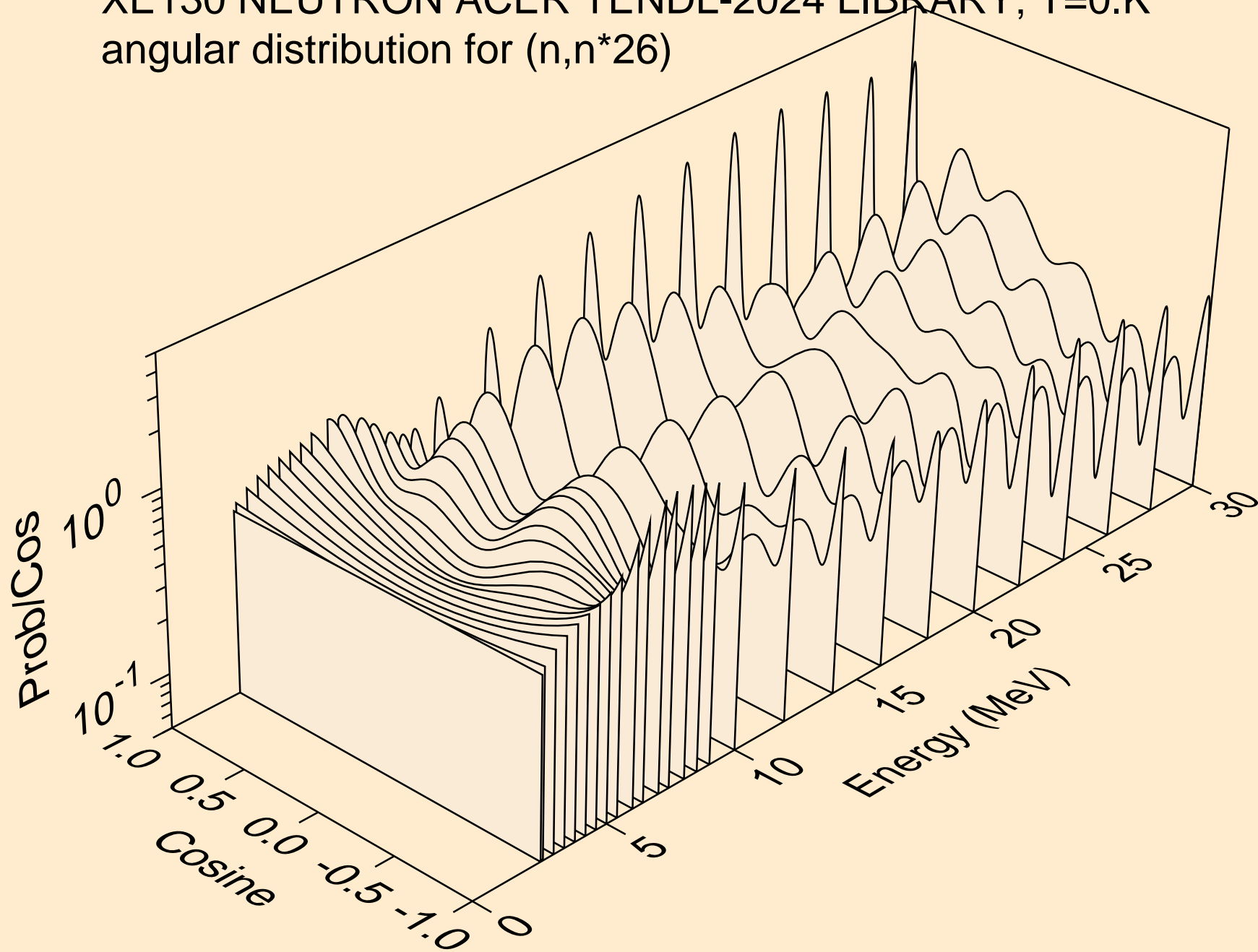
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



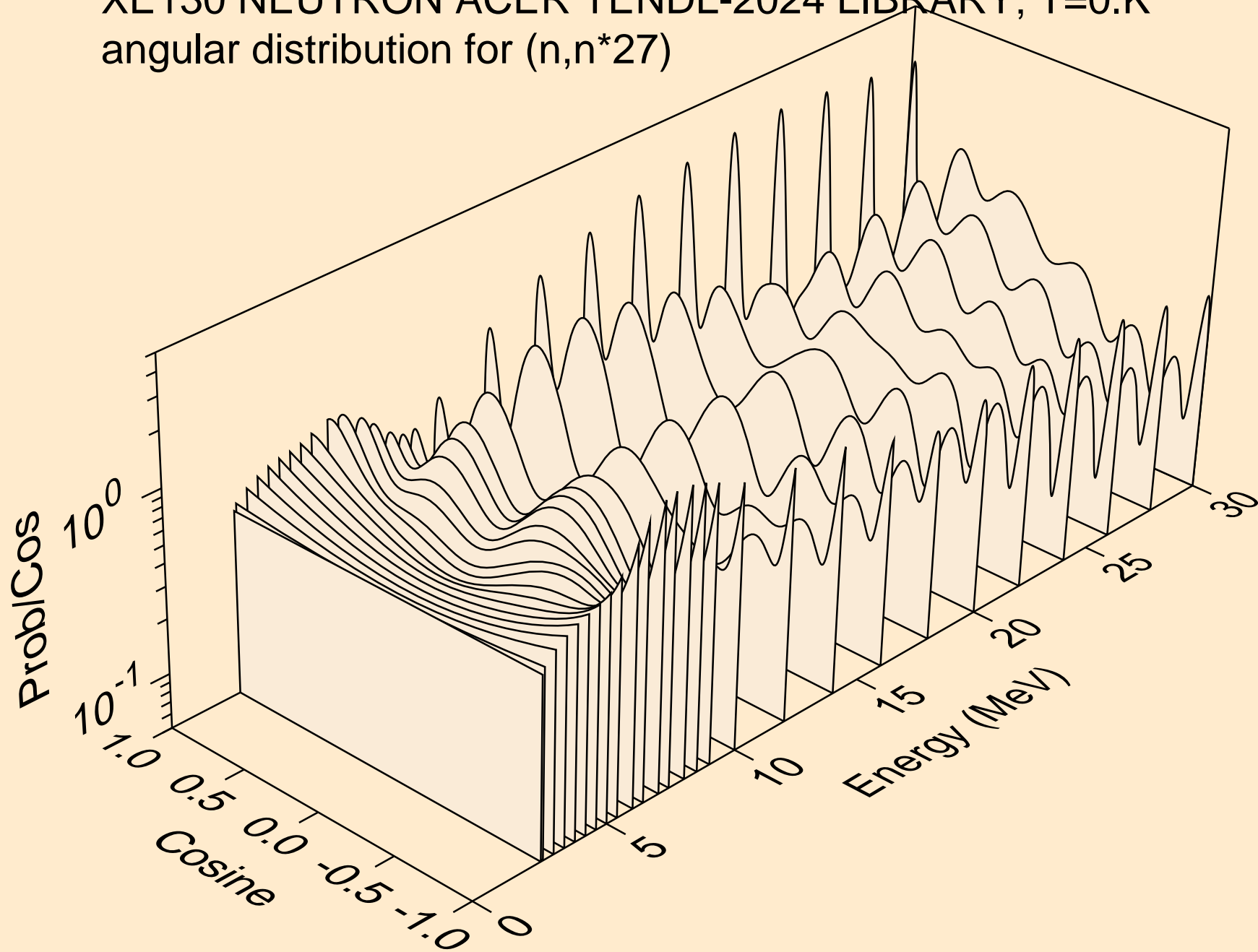
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



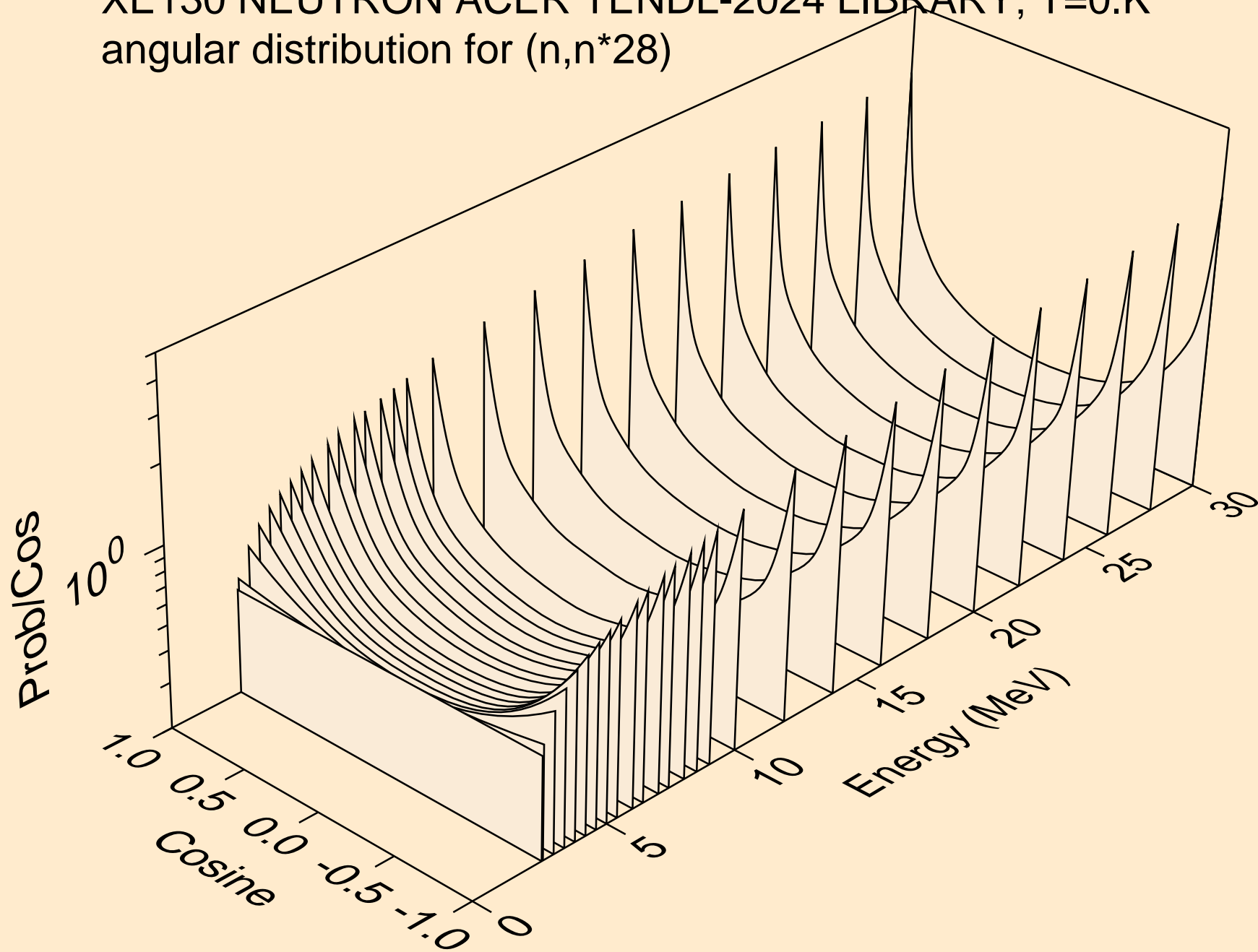
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

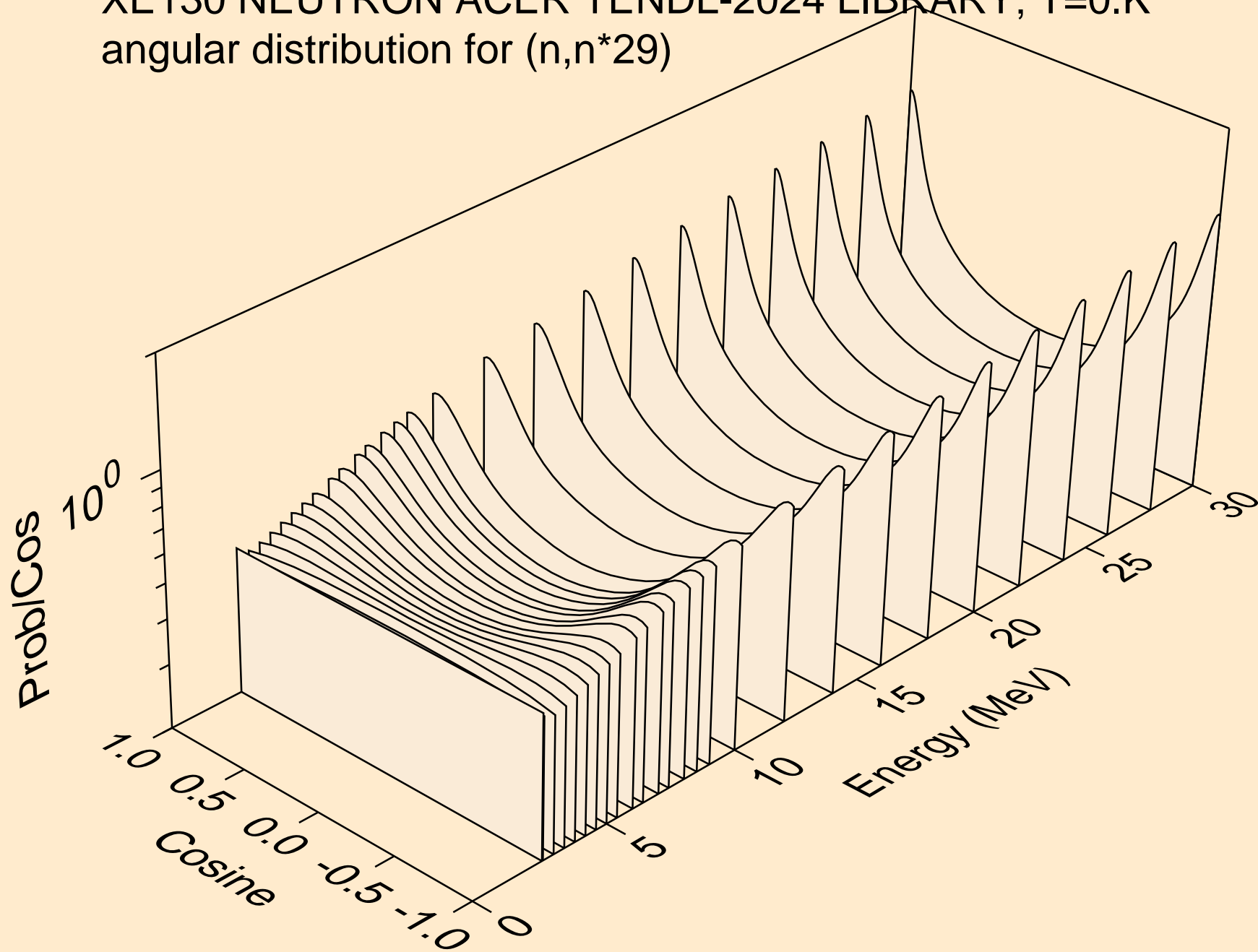


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

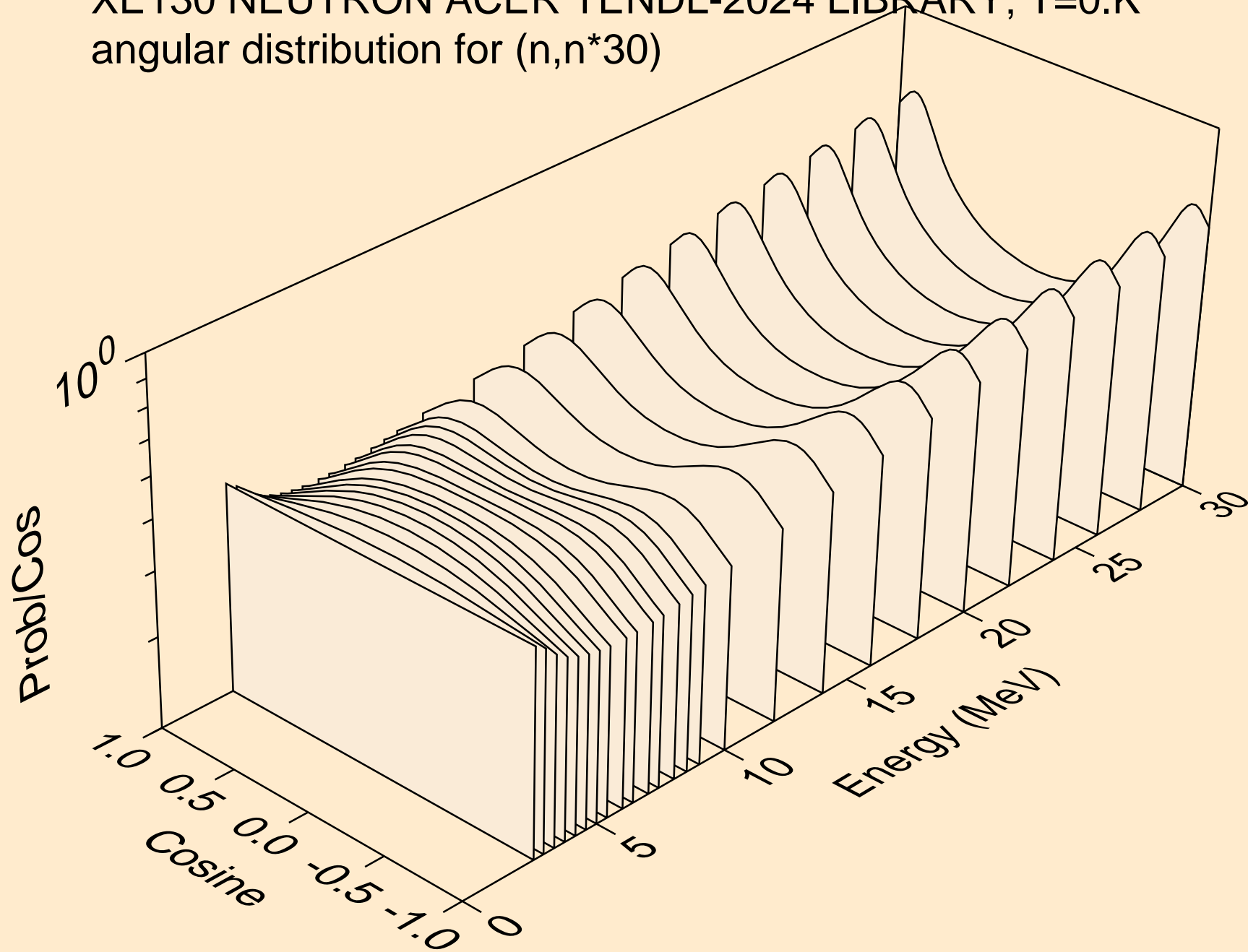




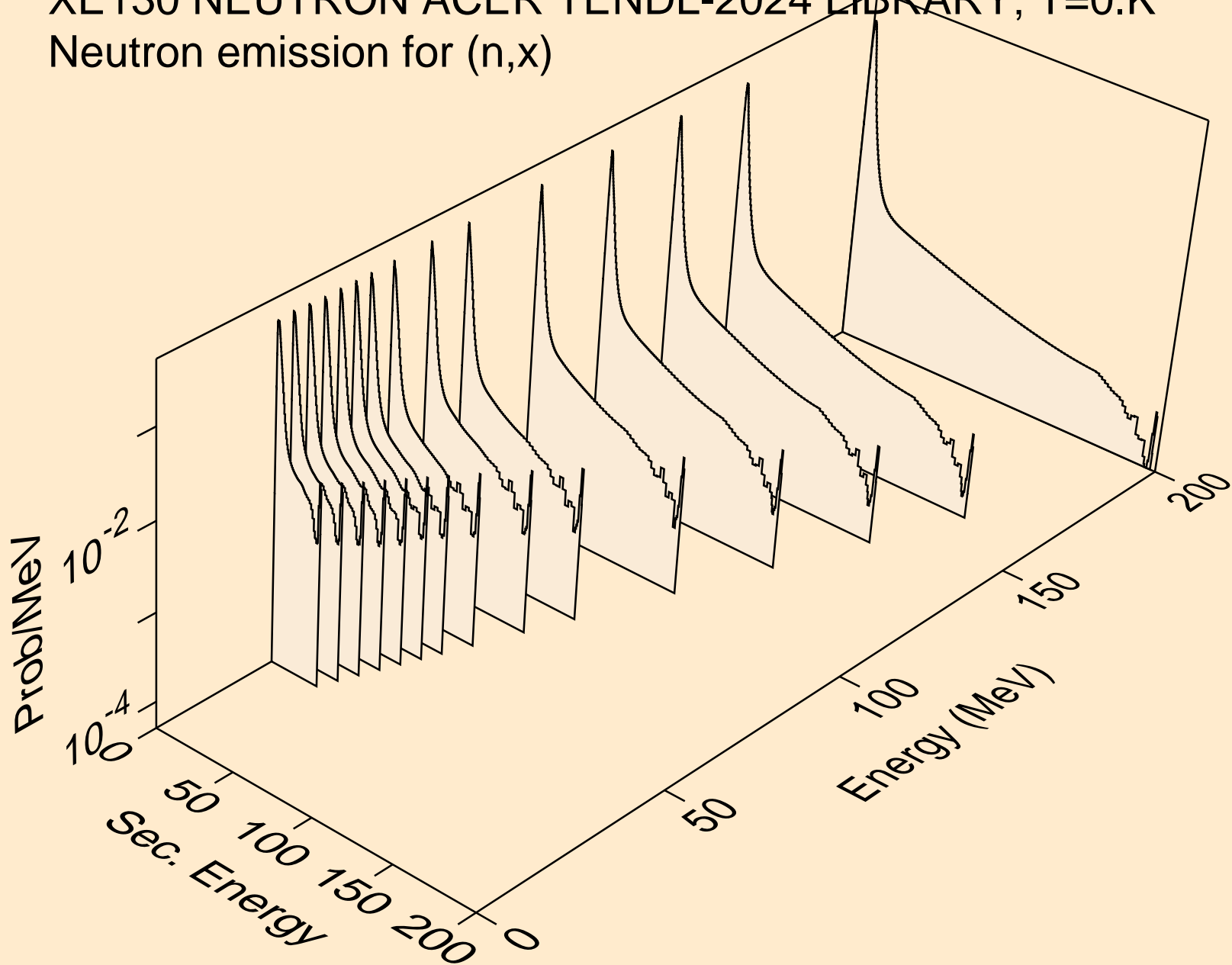
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



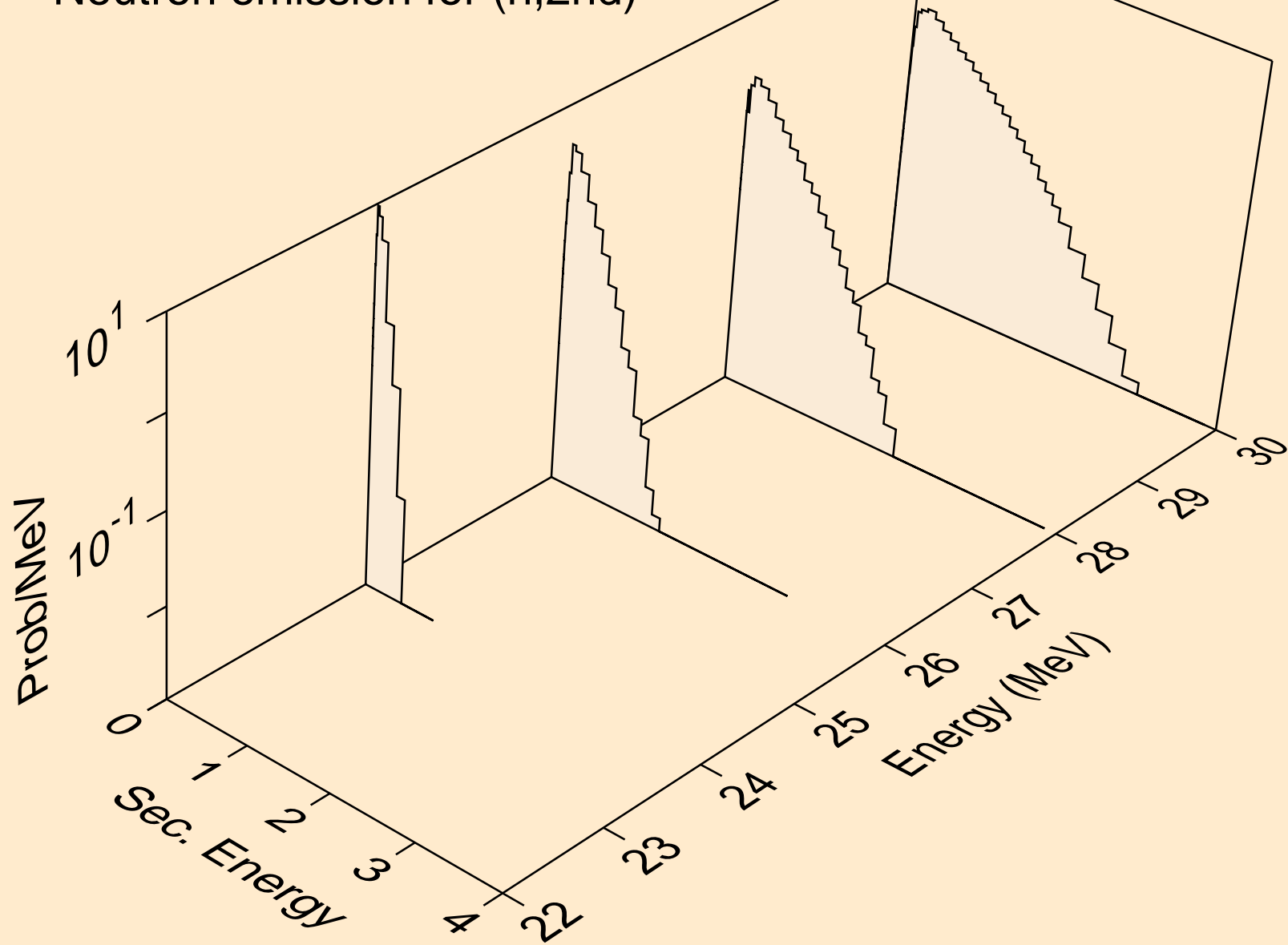
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



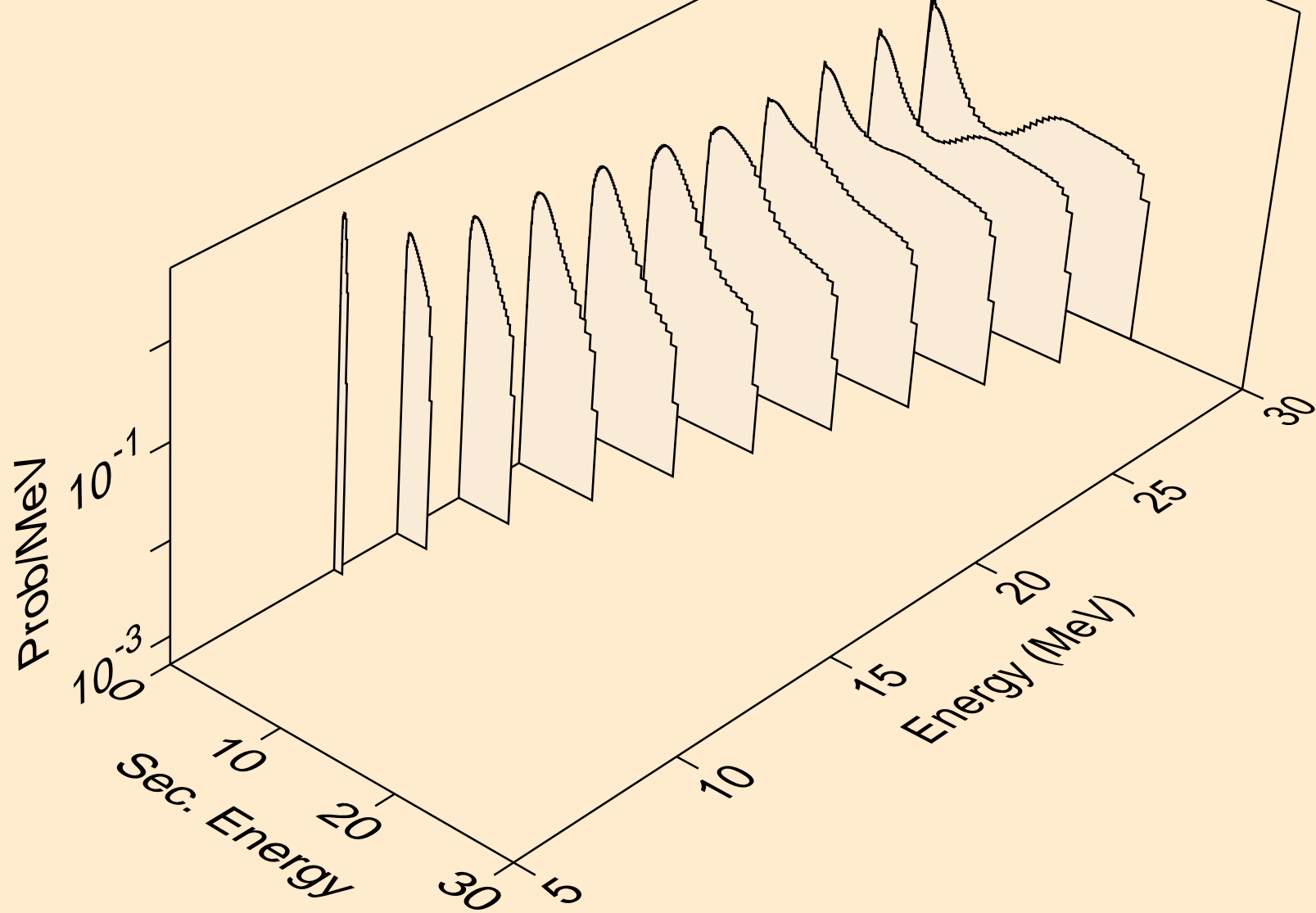
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



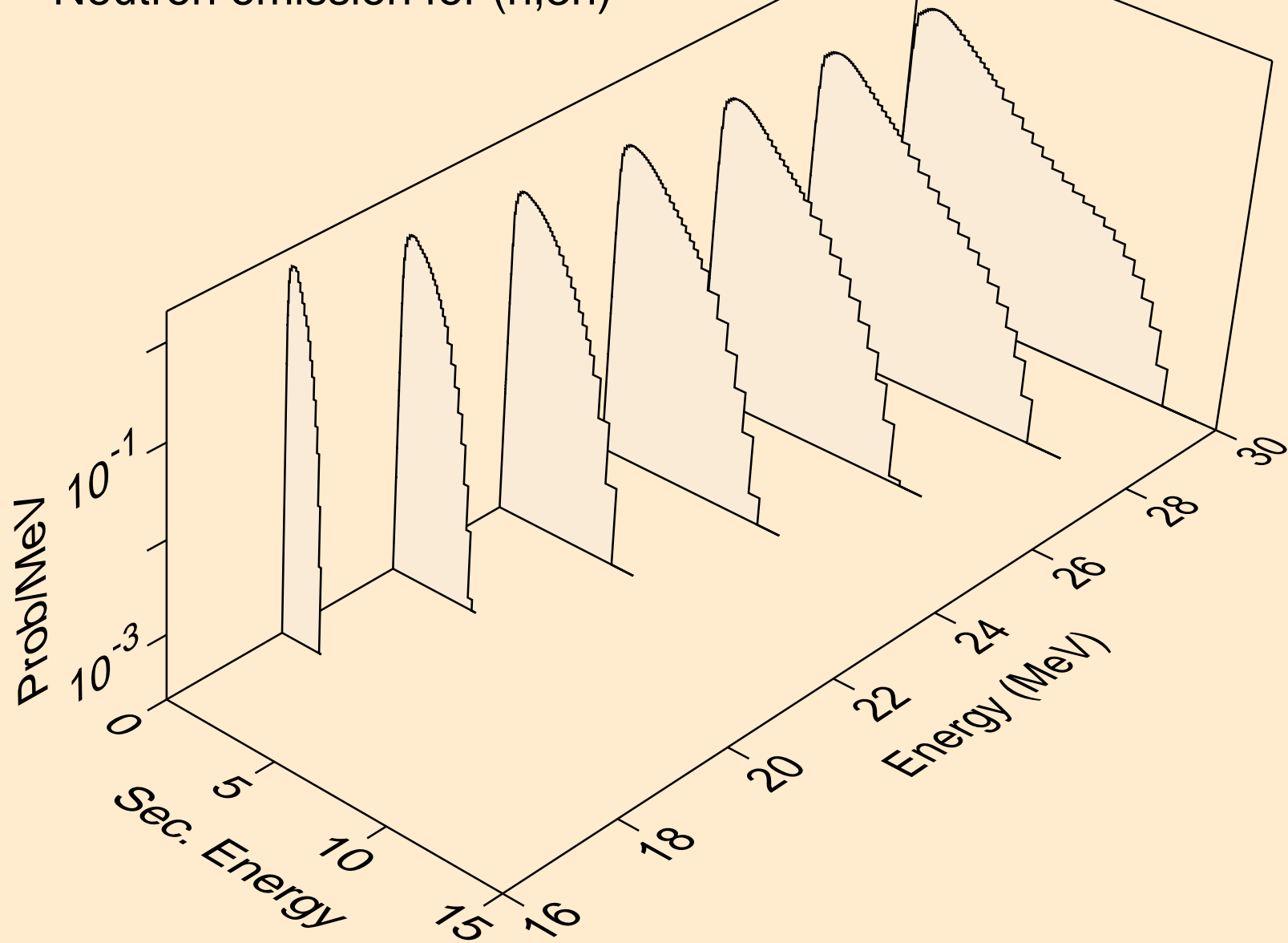
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



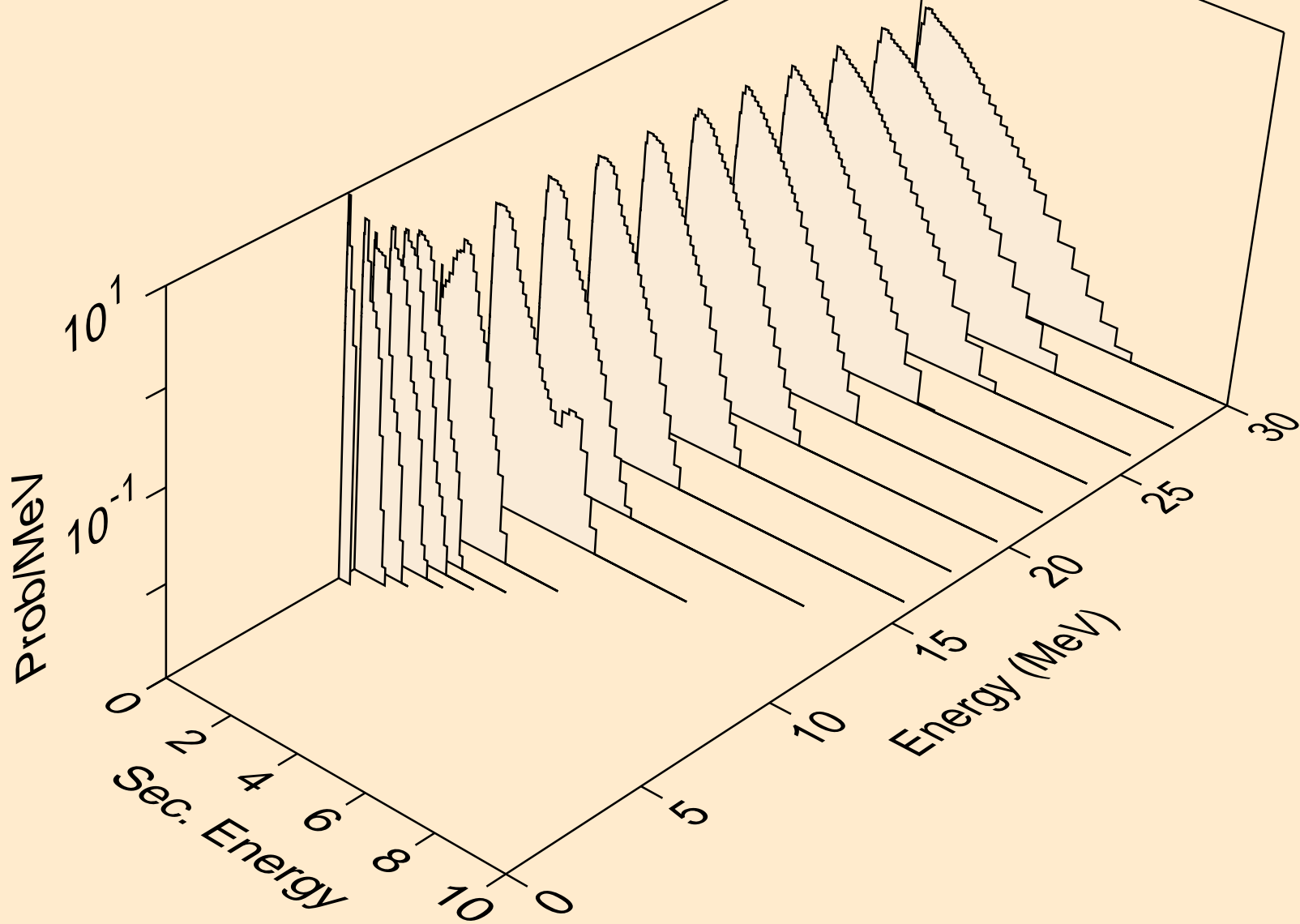
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



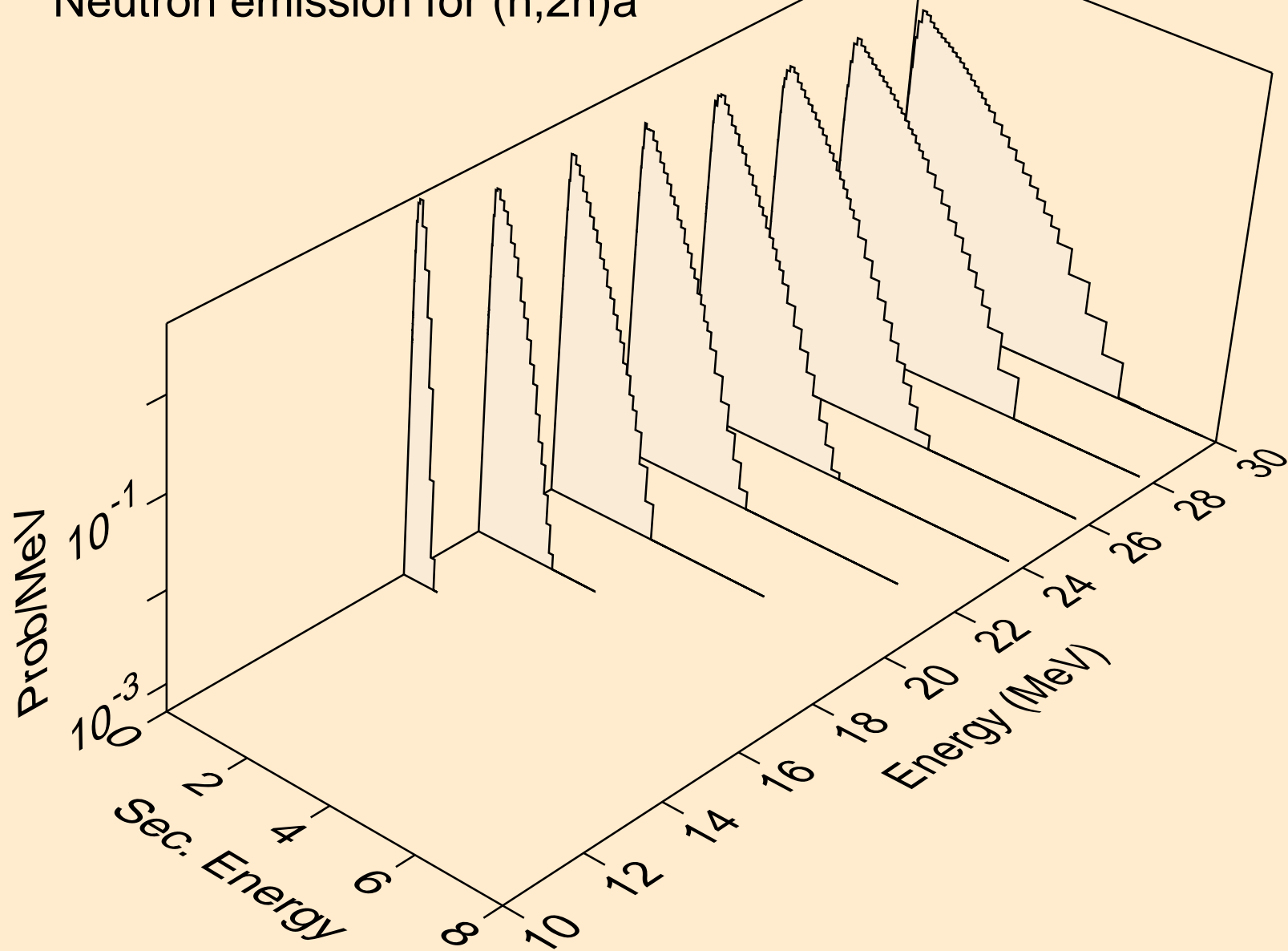
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

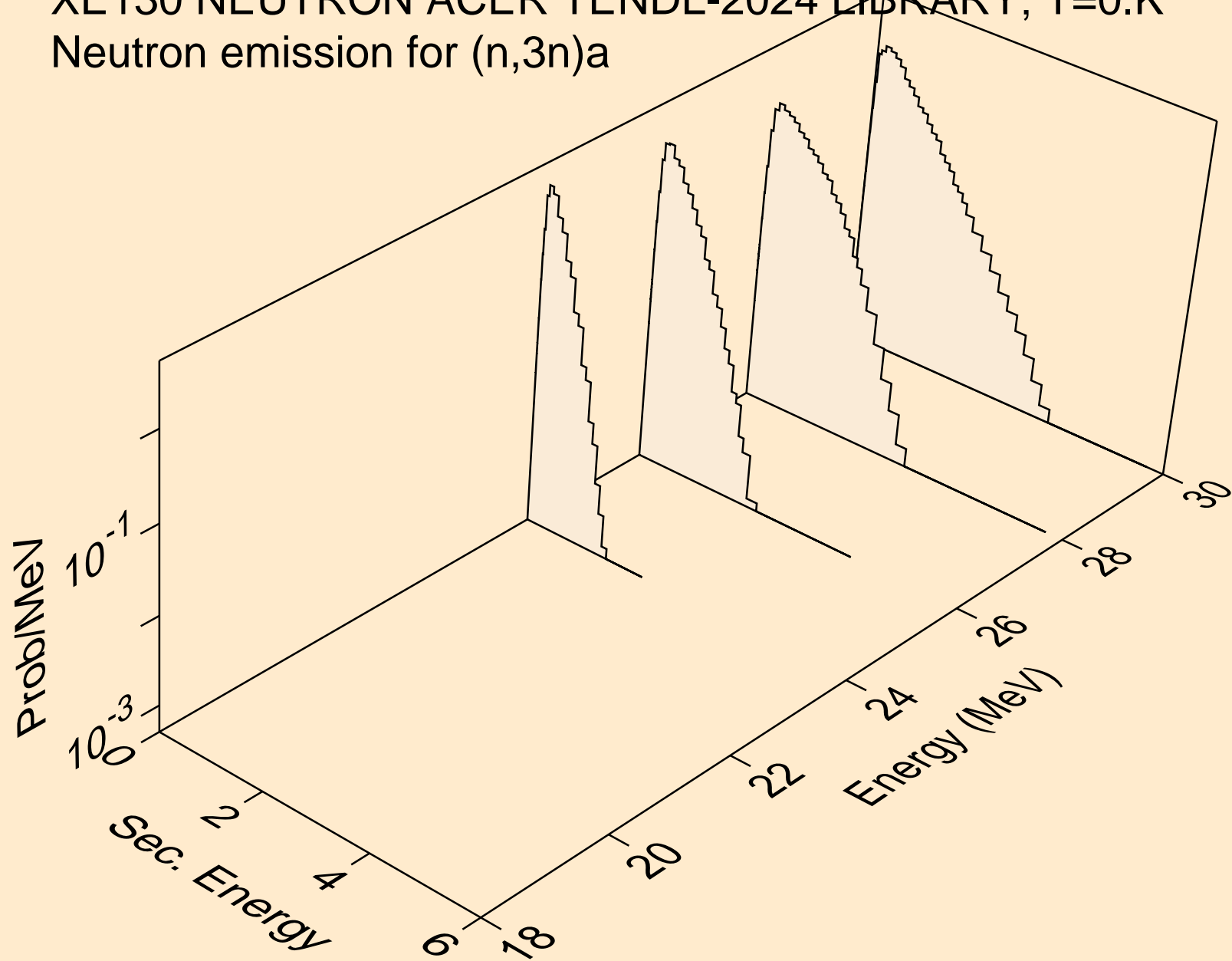


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>

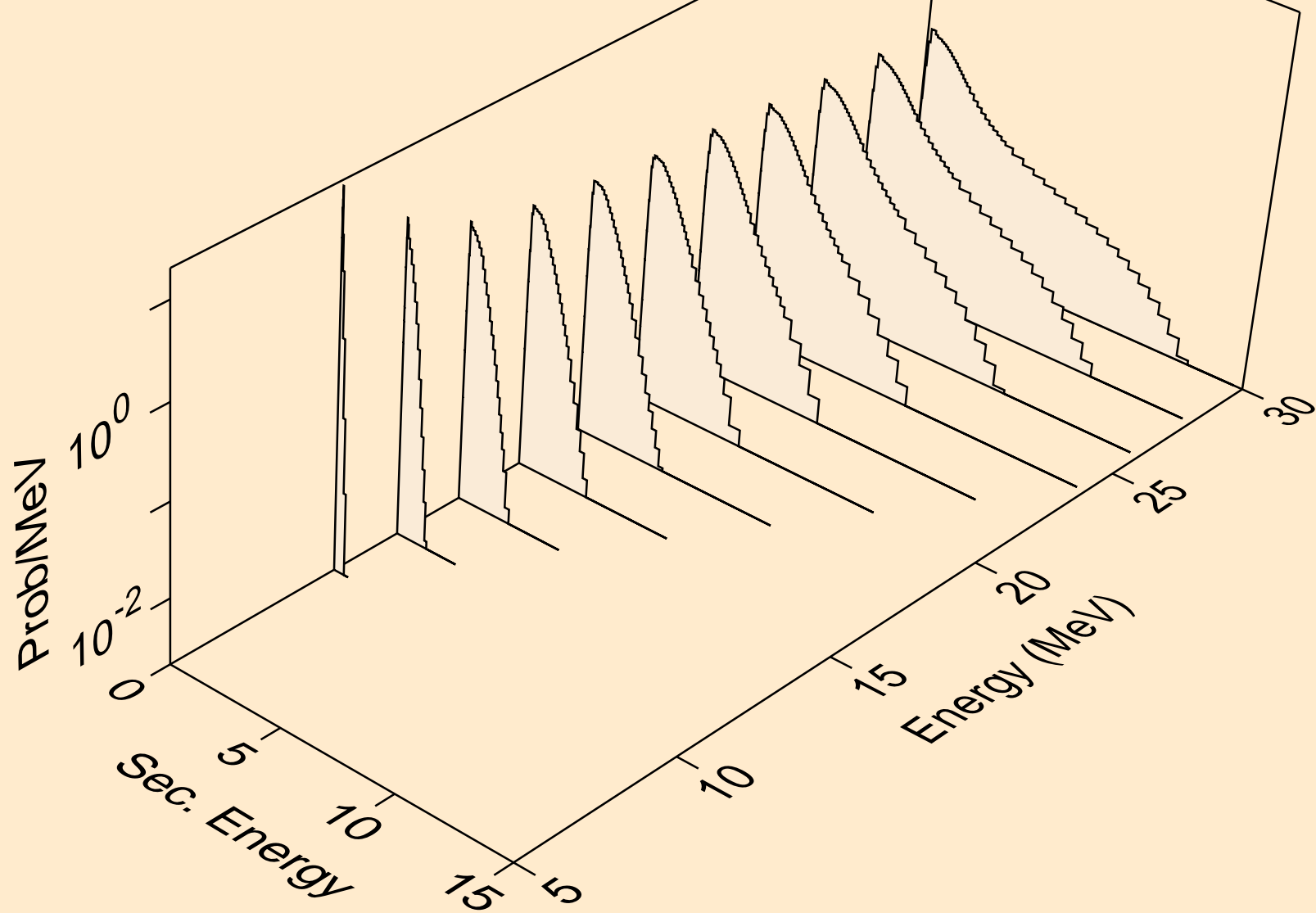




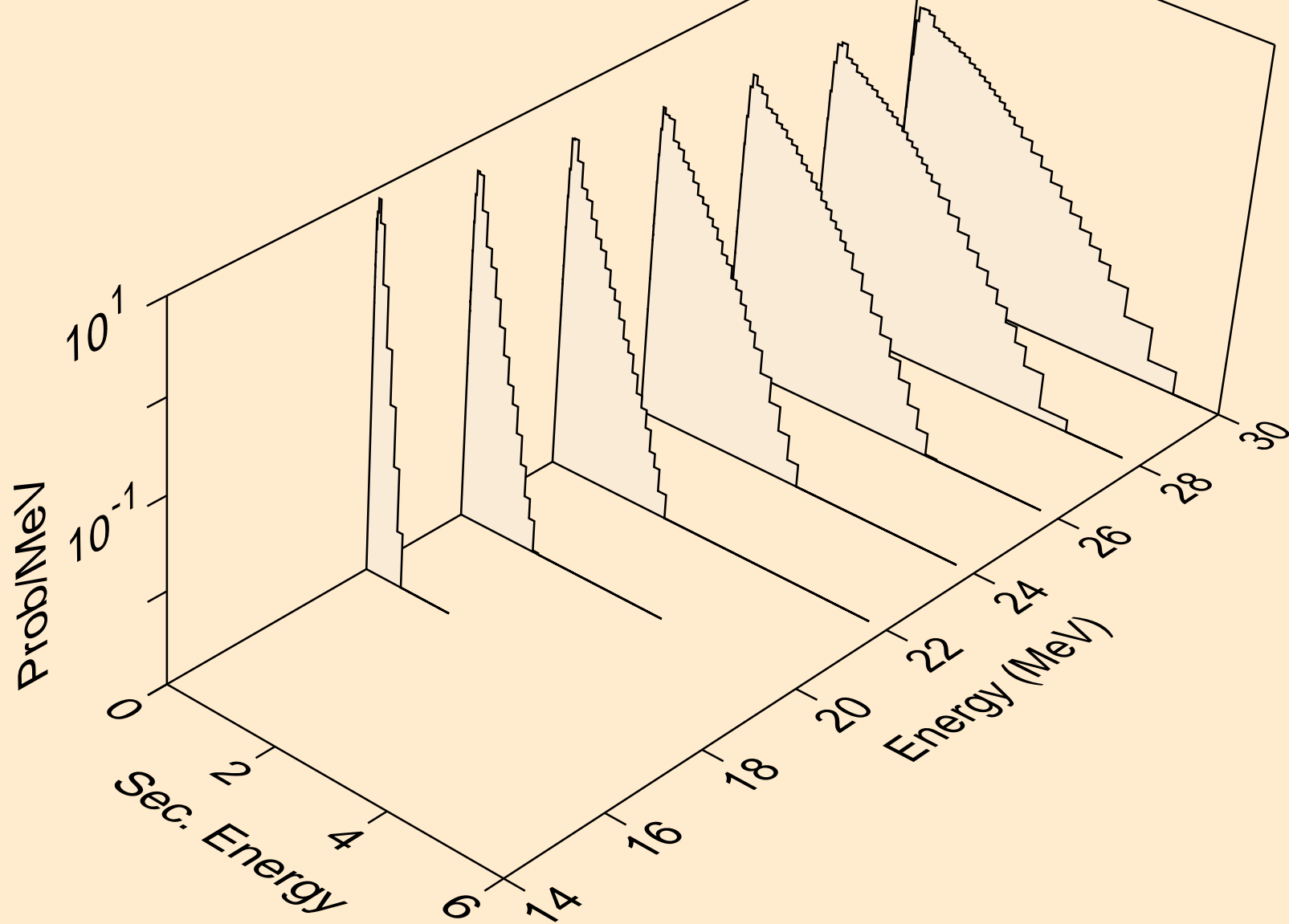
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



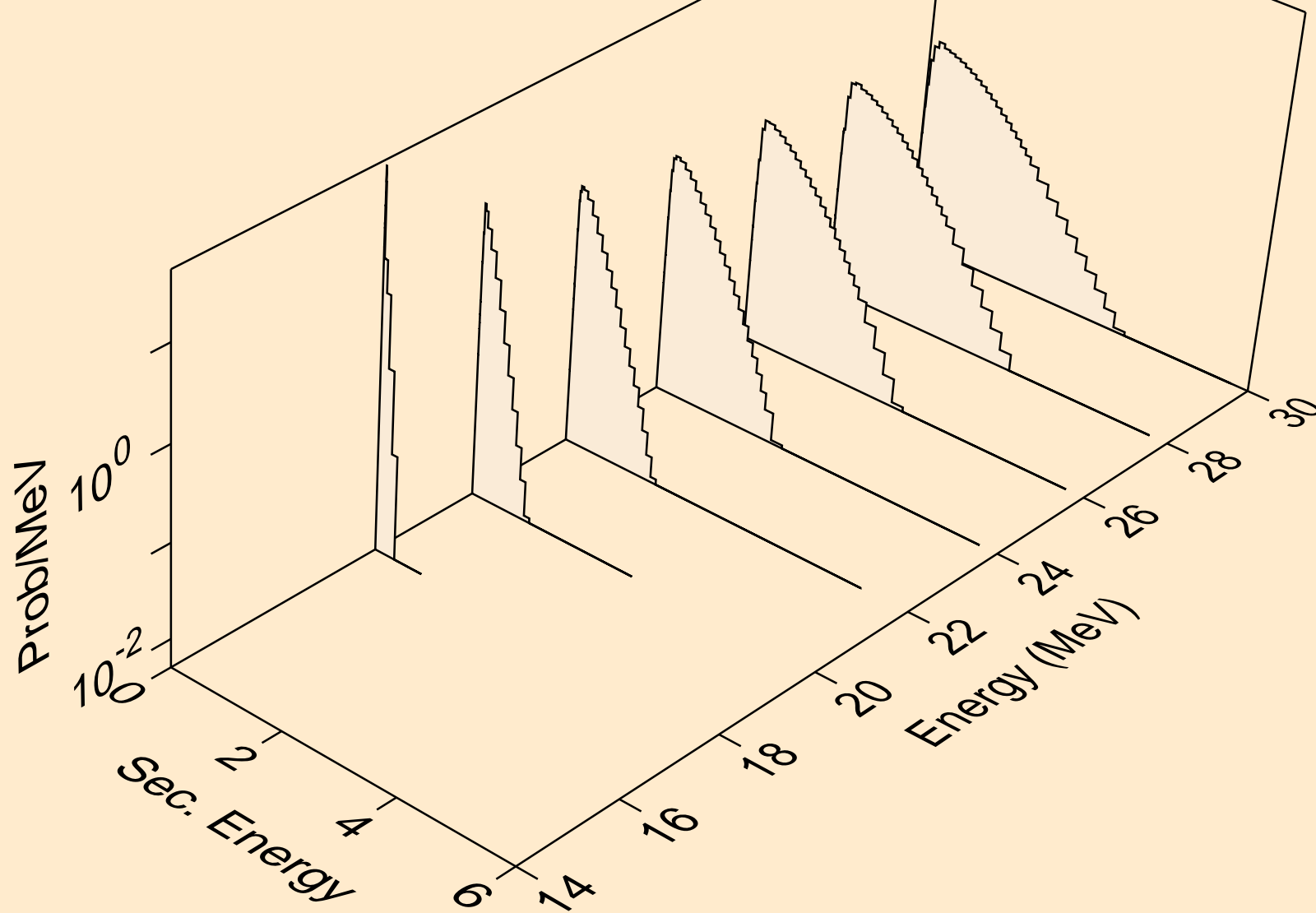
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



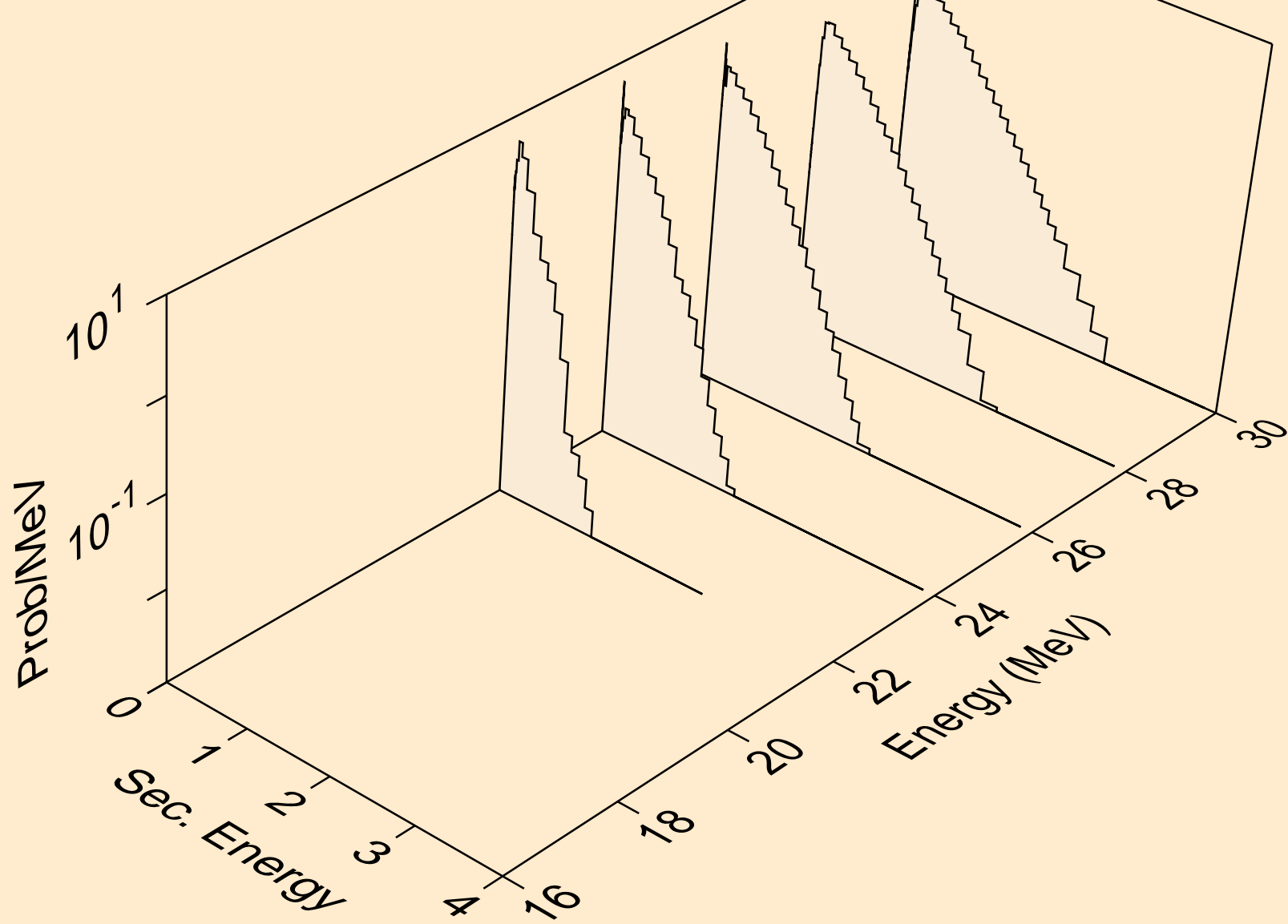
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



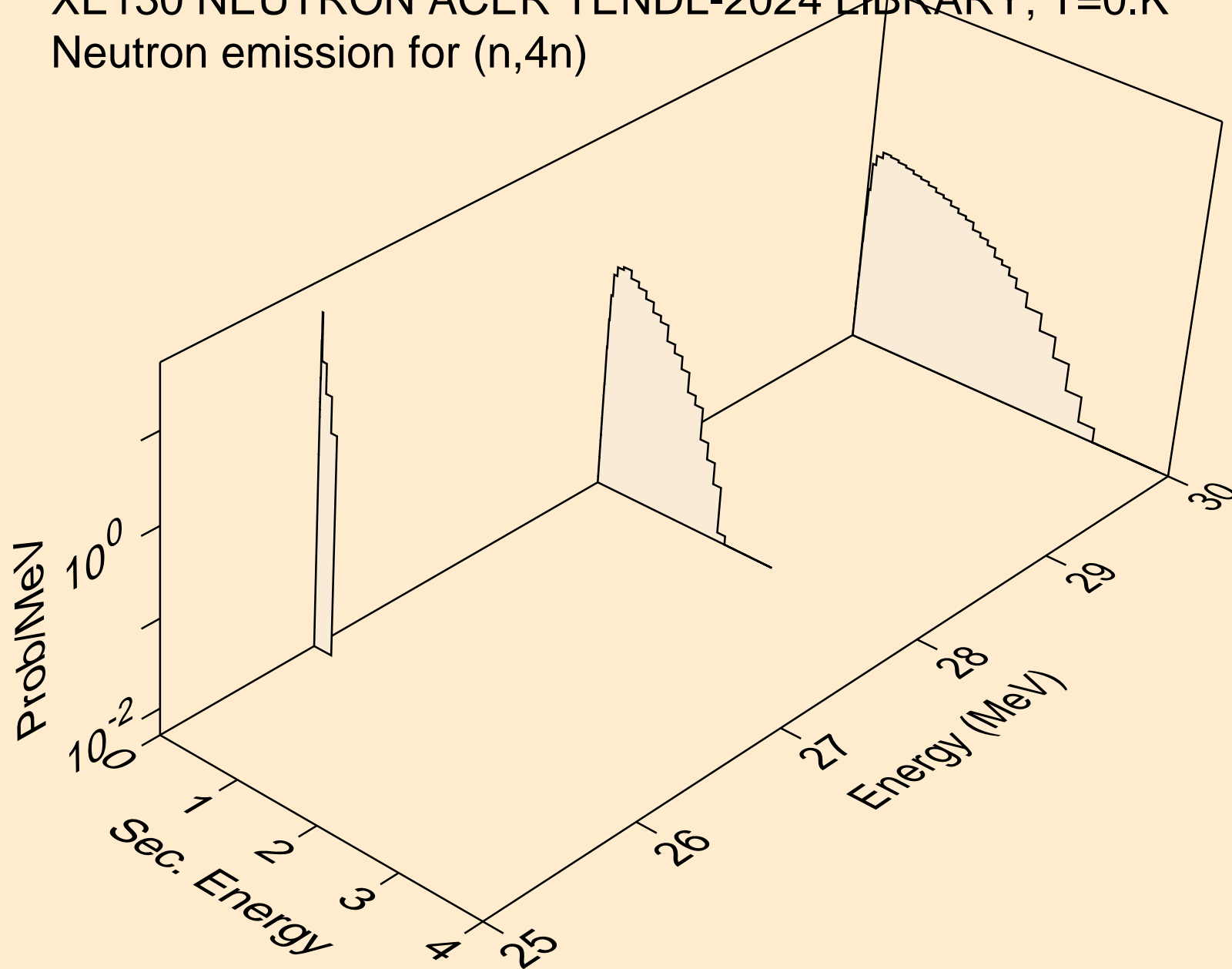
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



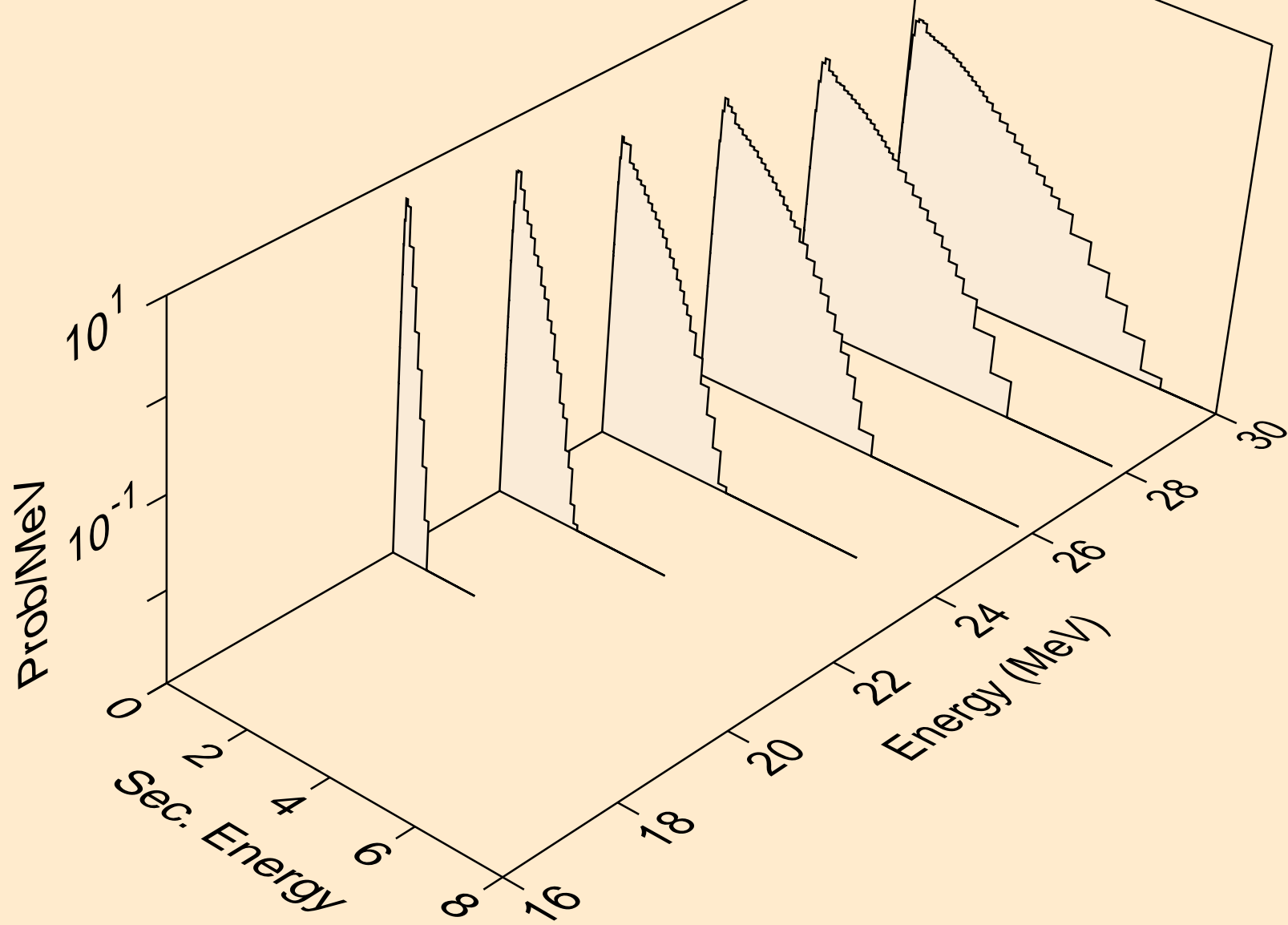
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



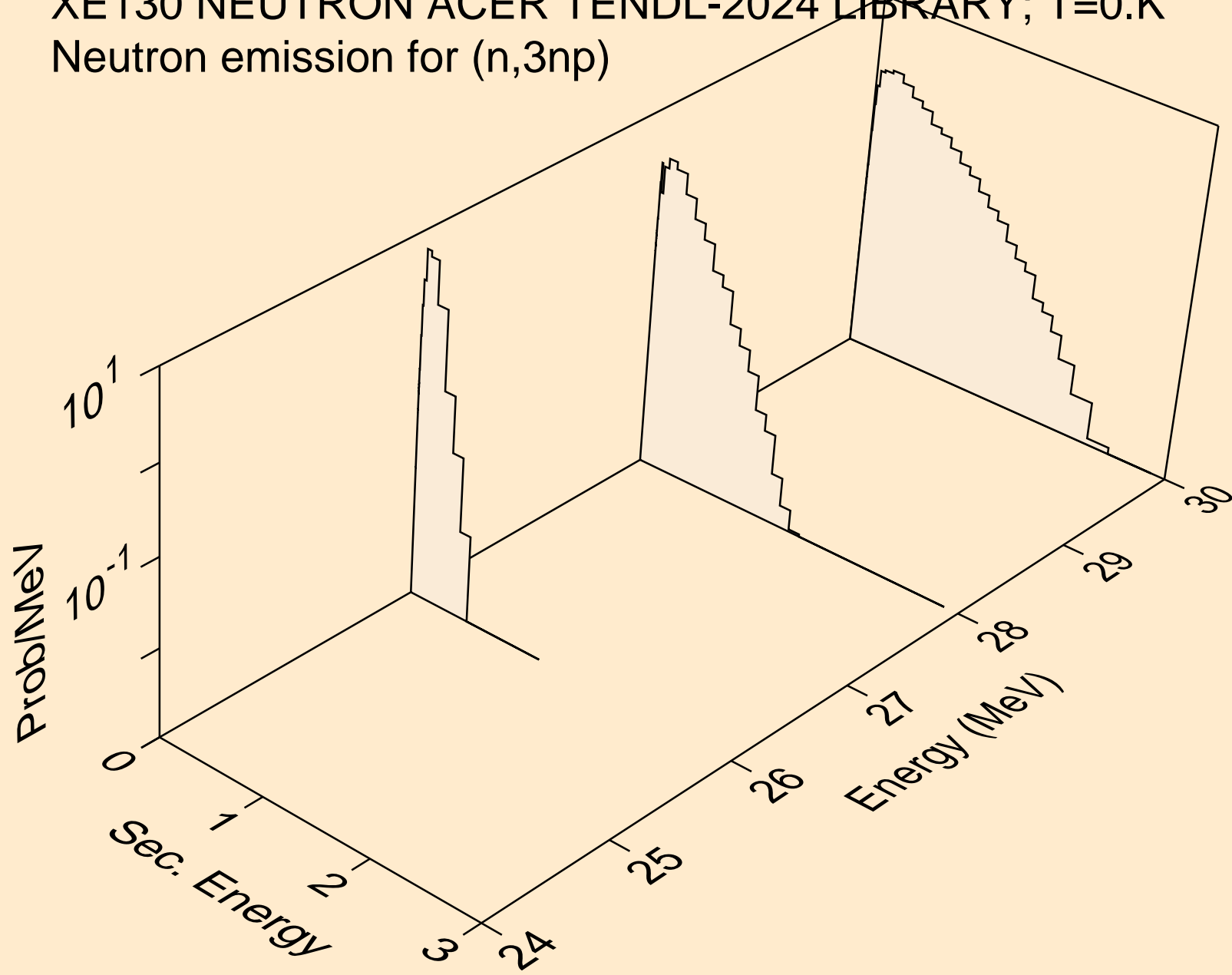
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

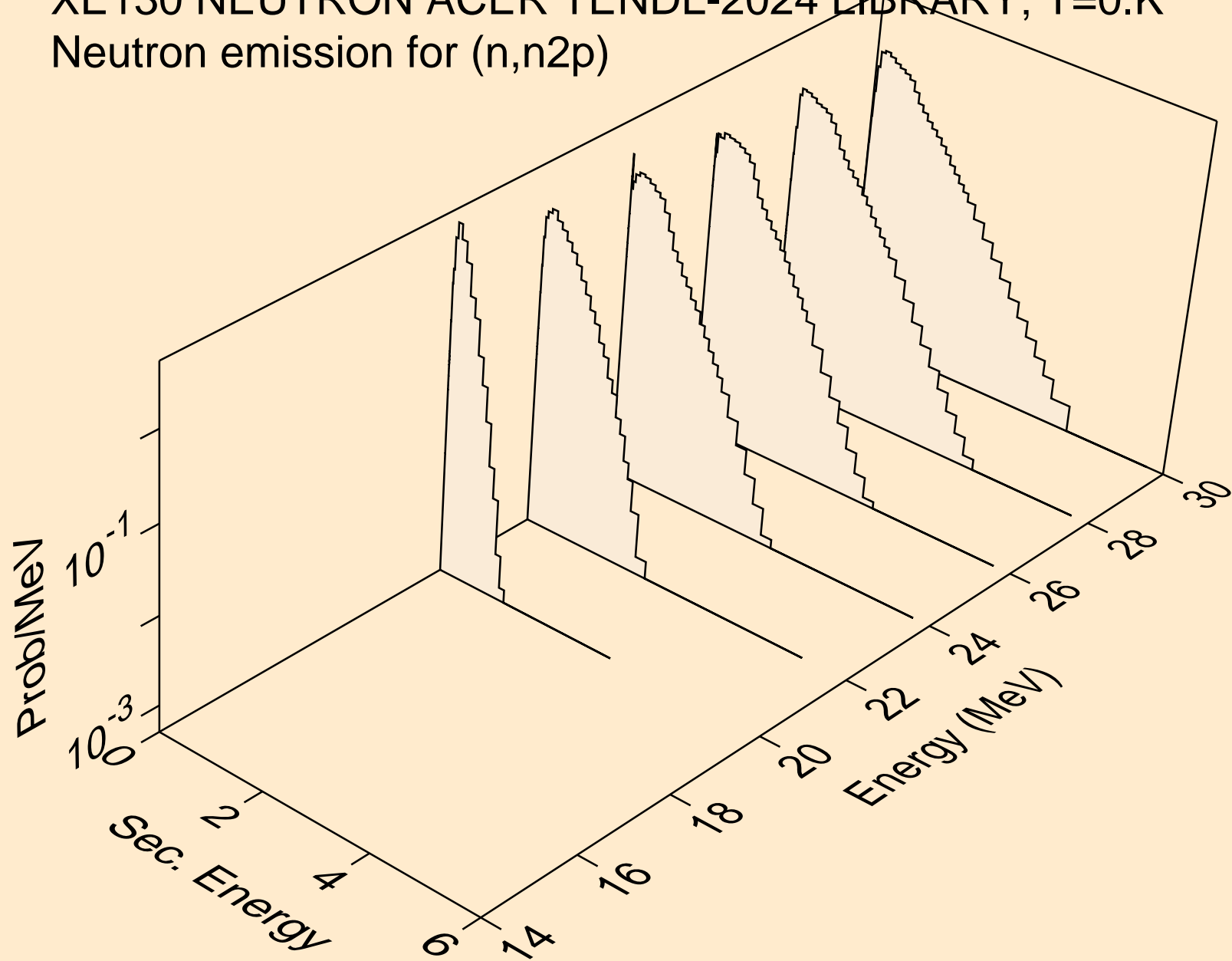


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

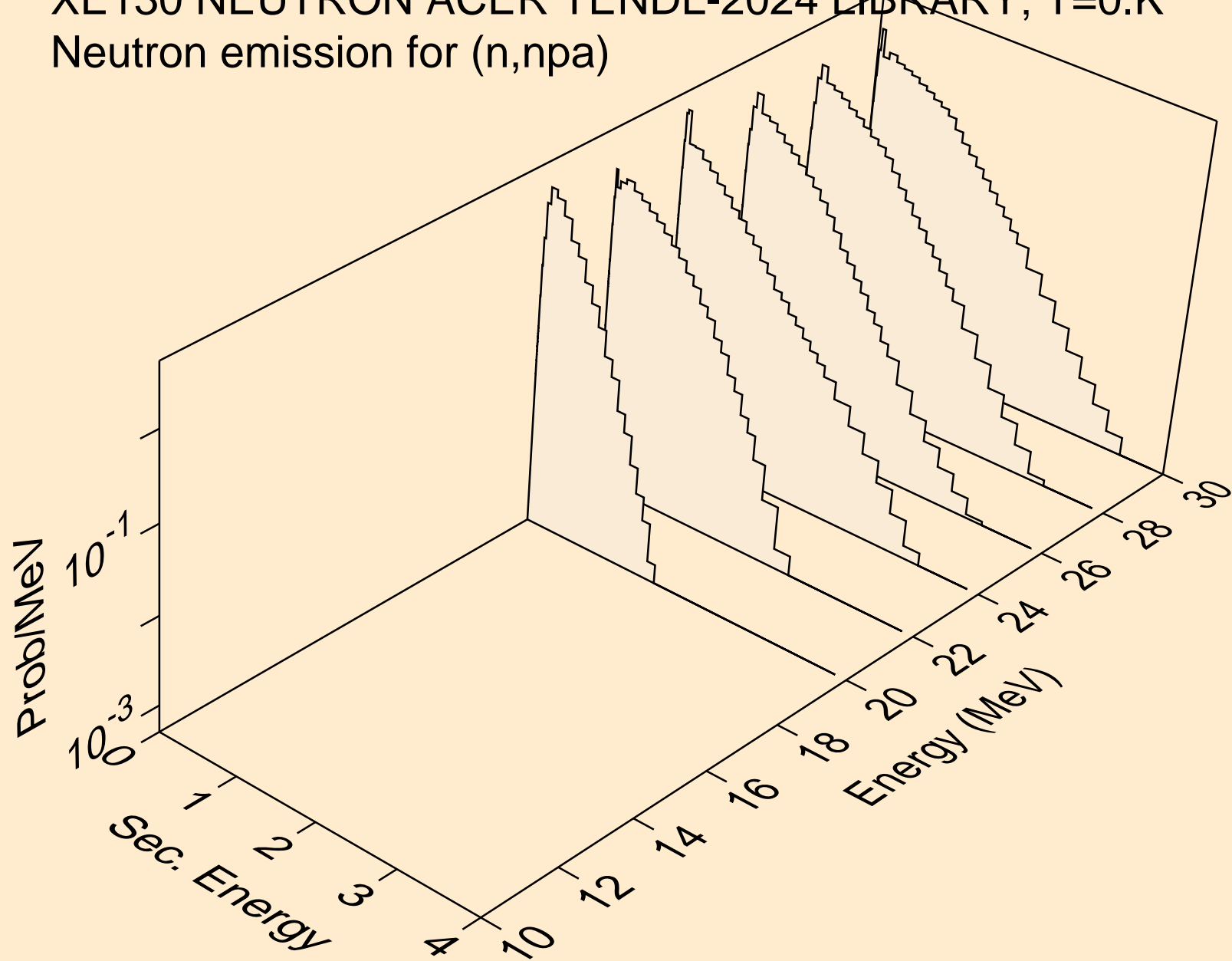




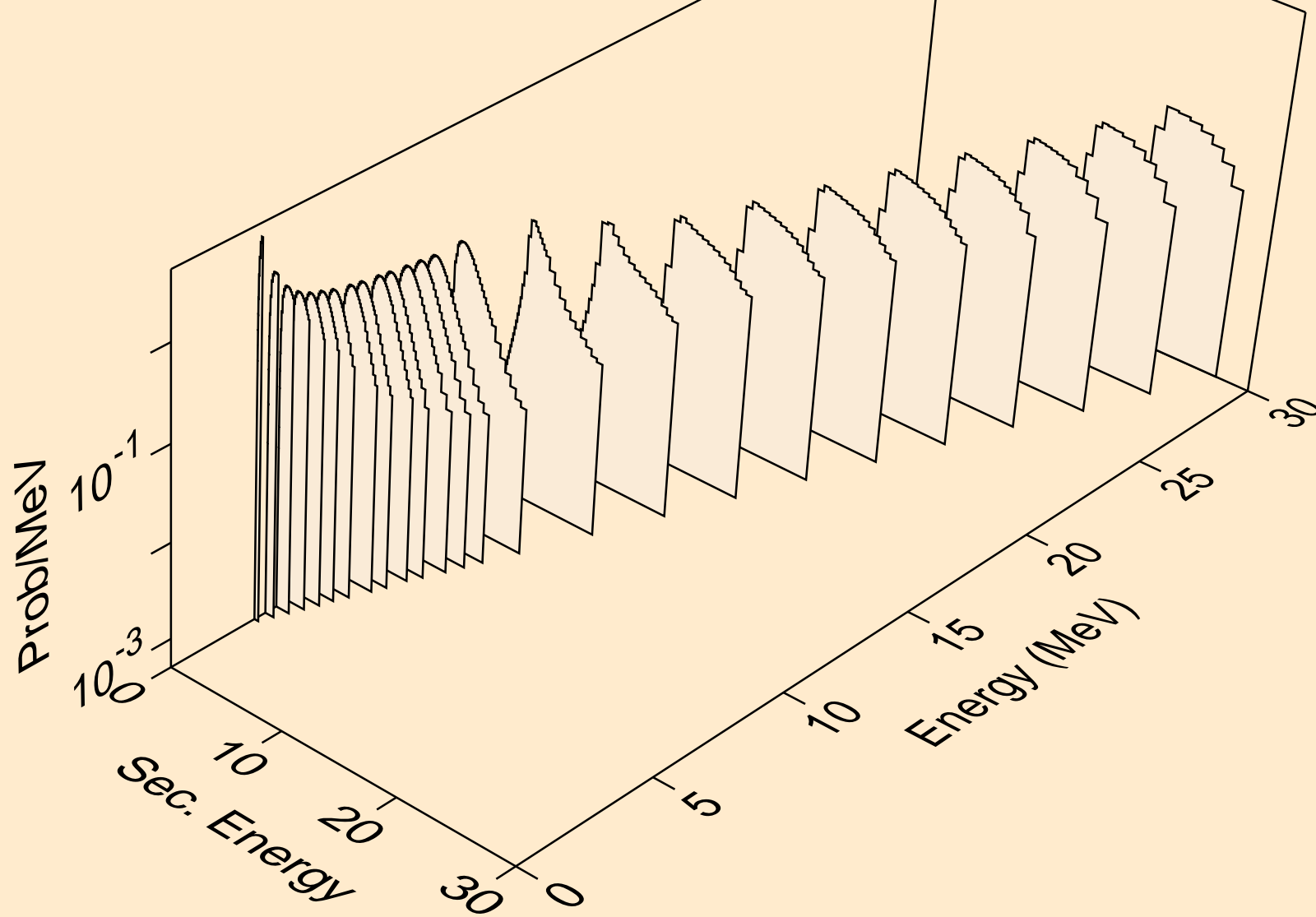
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



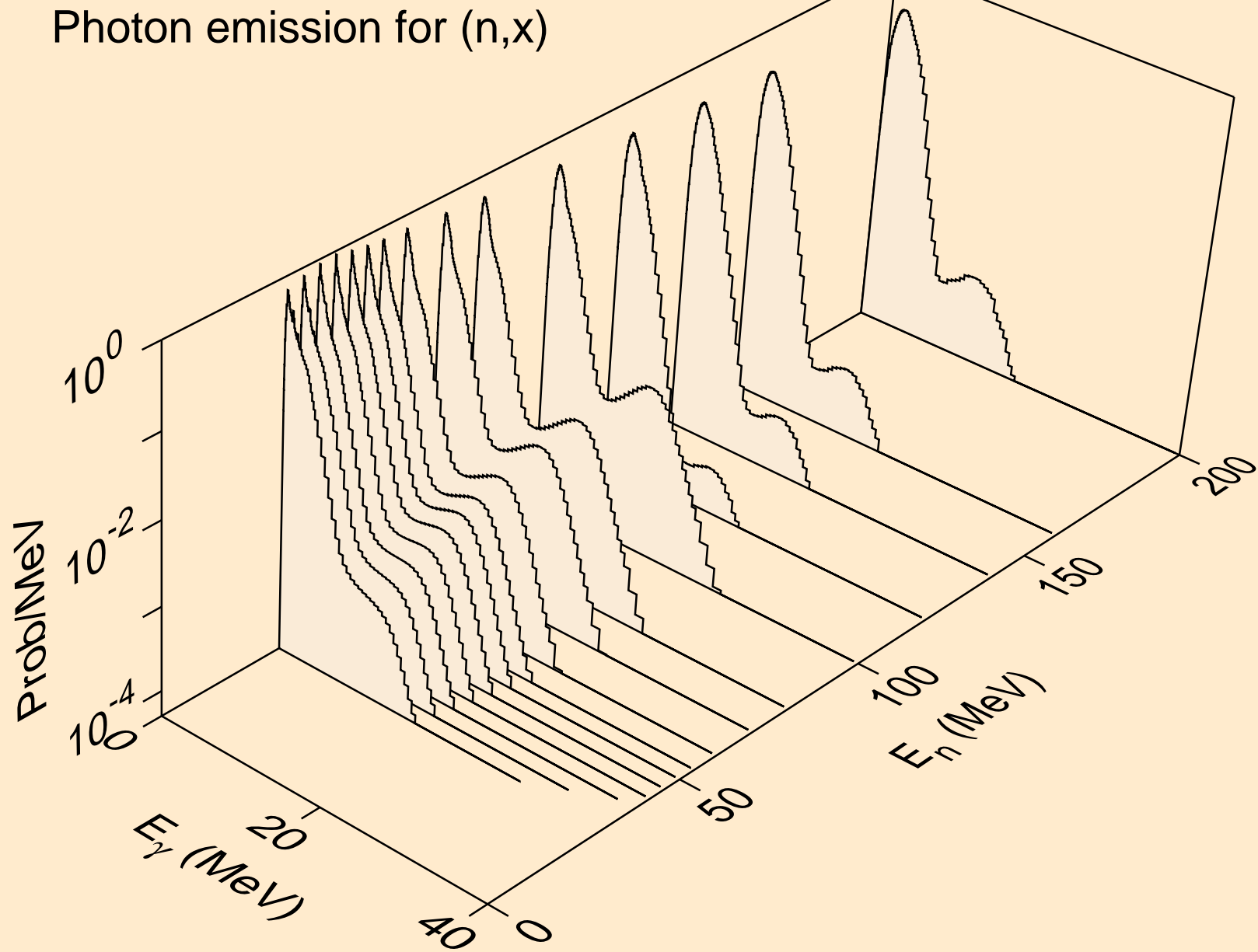
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



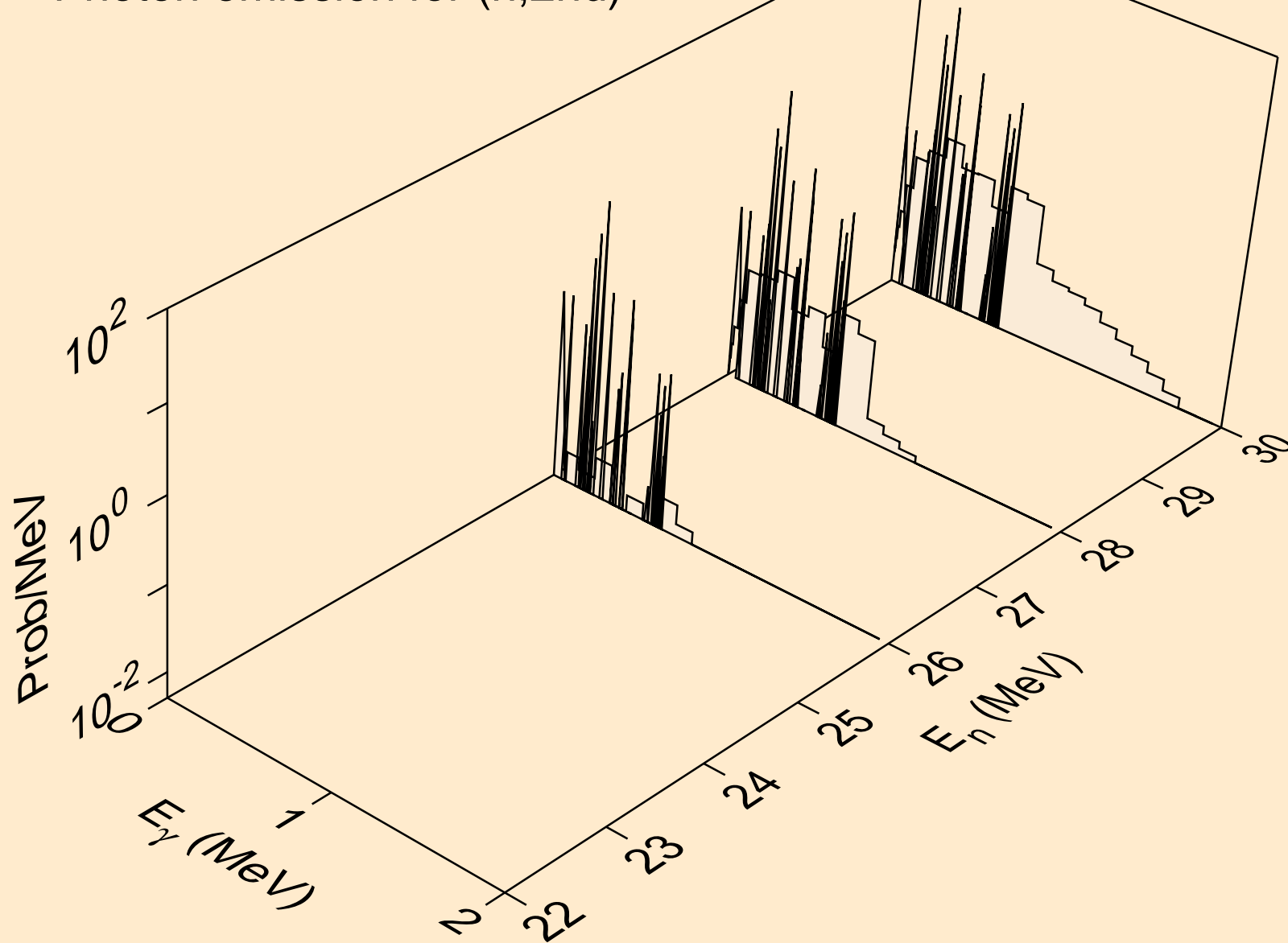
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



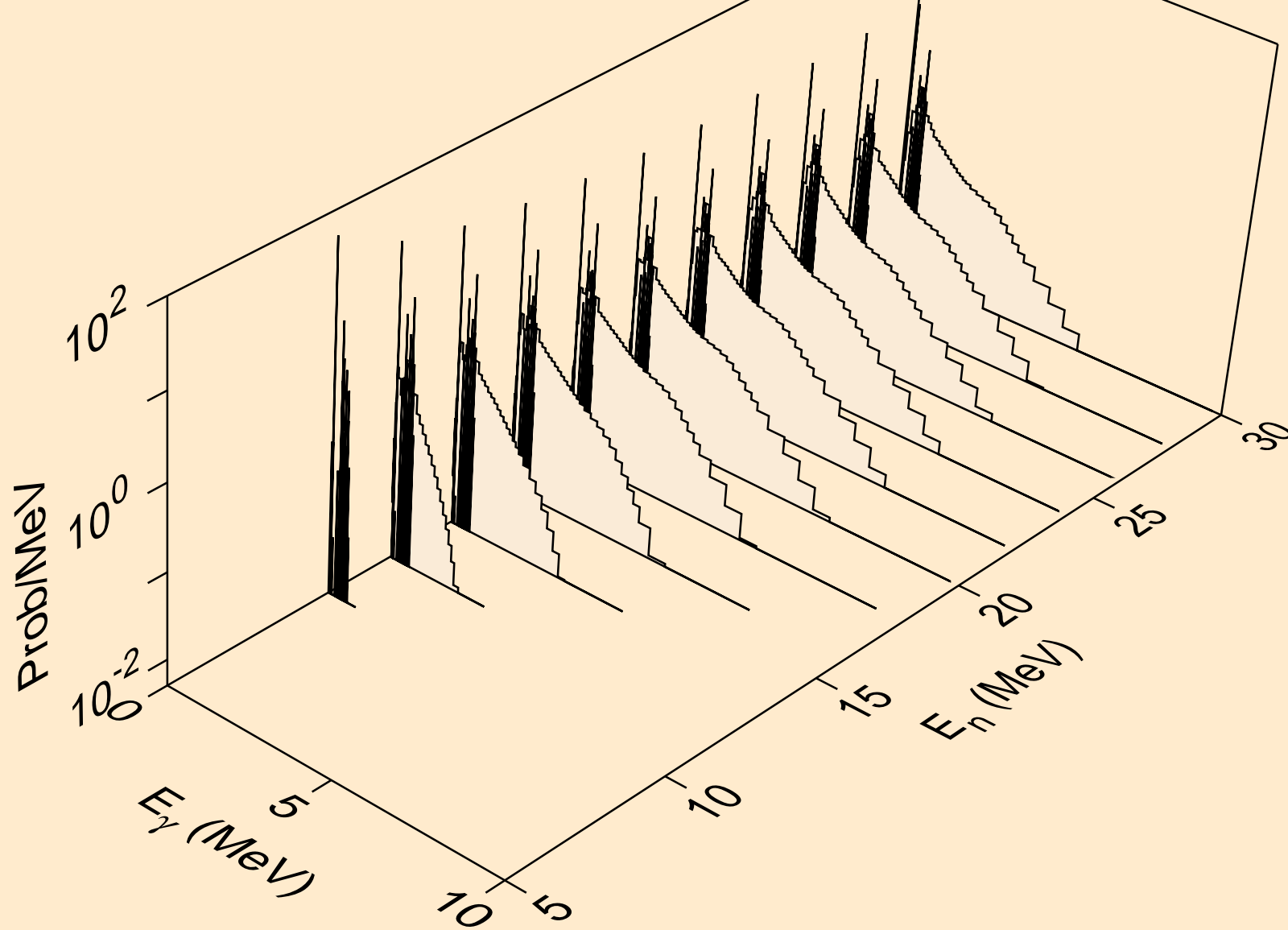
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



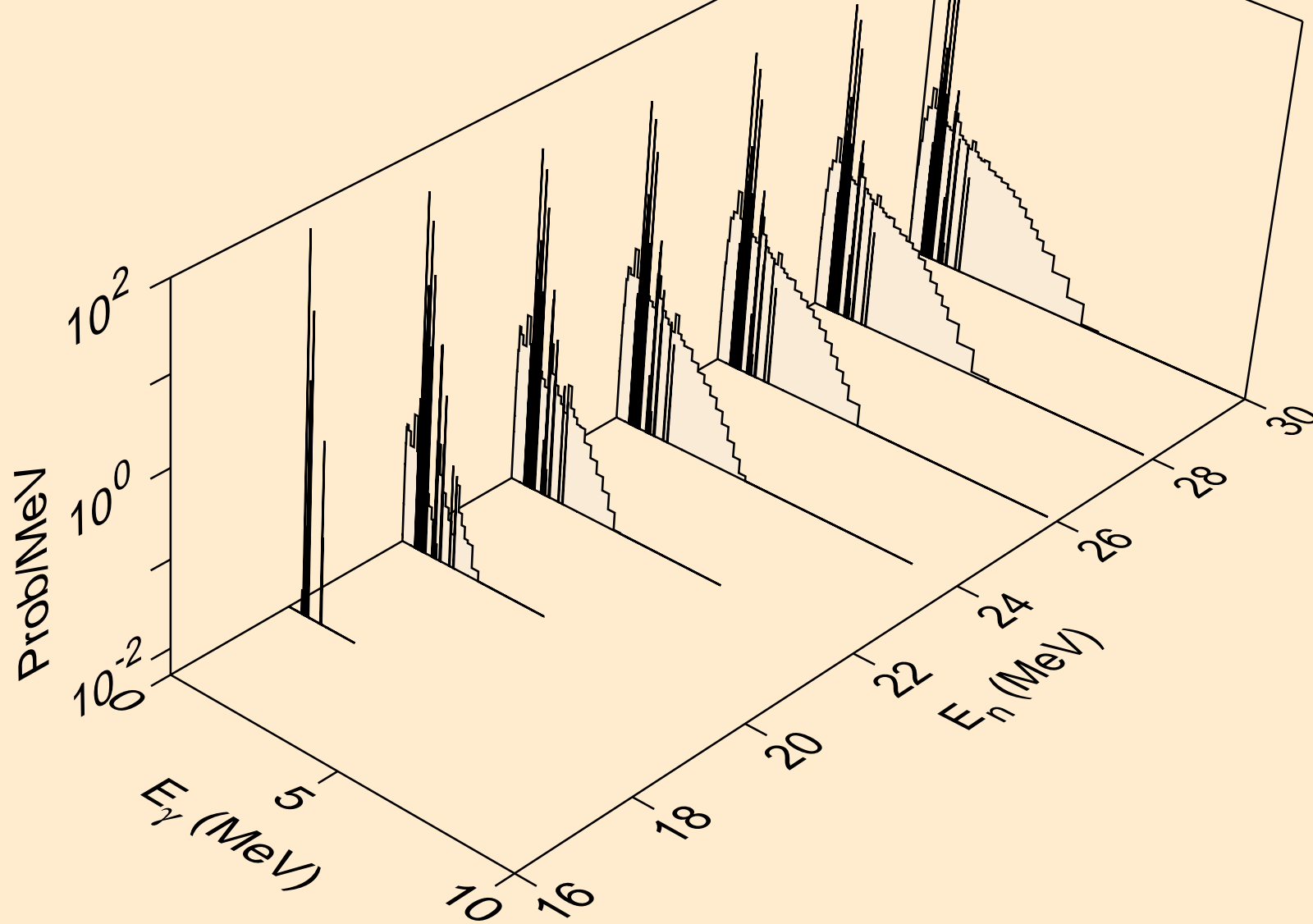
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



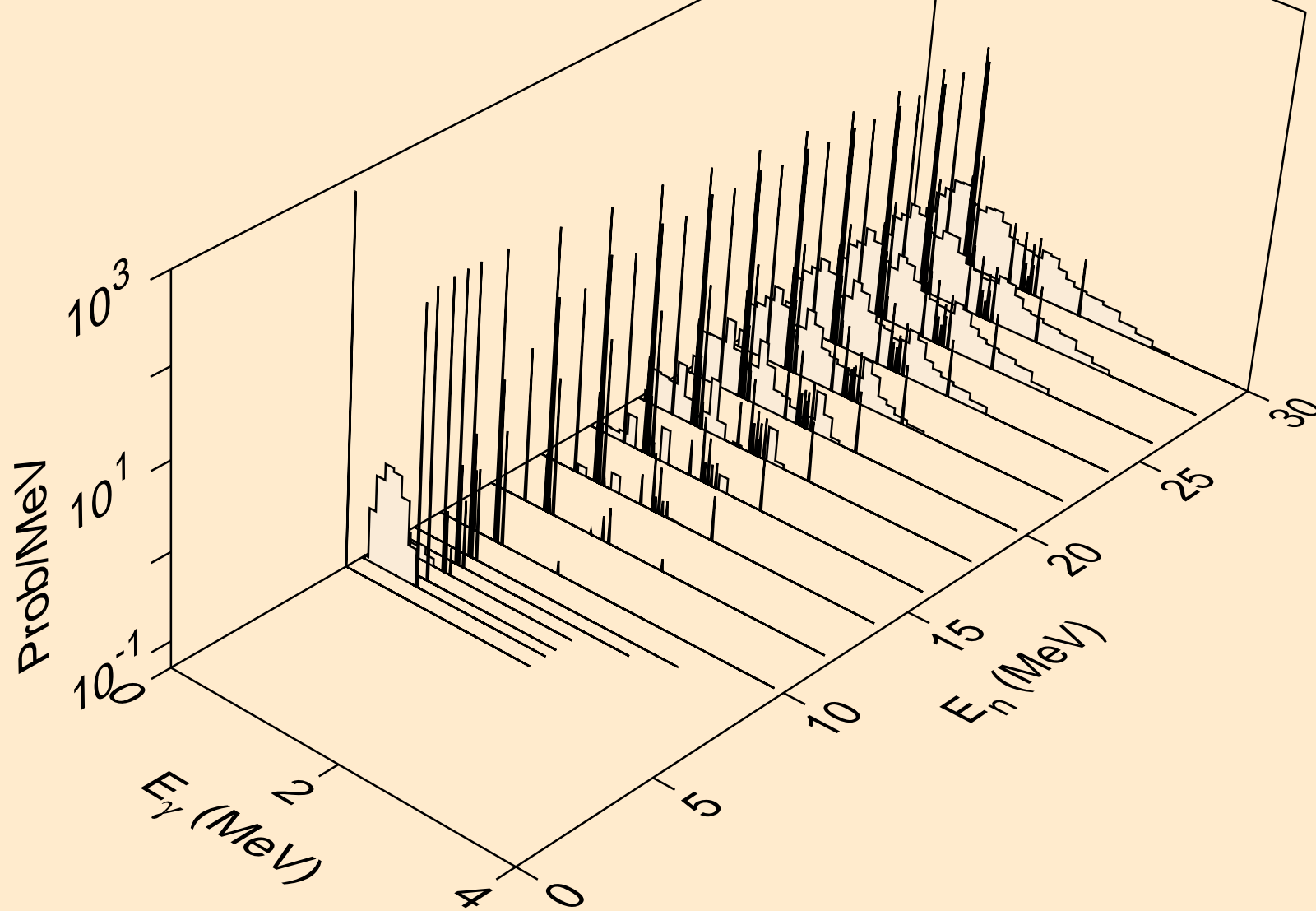
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

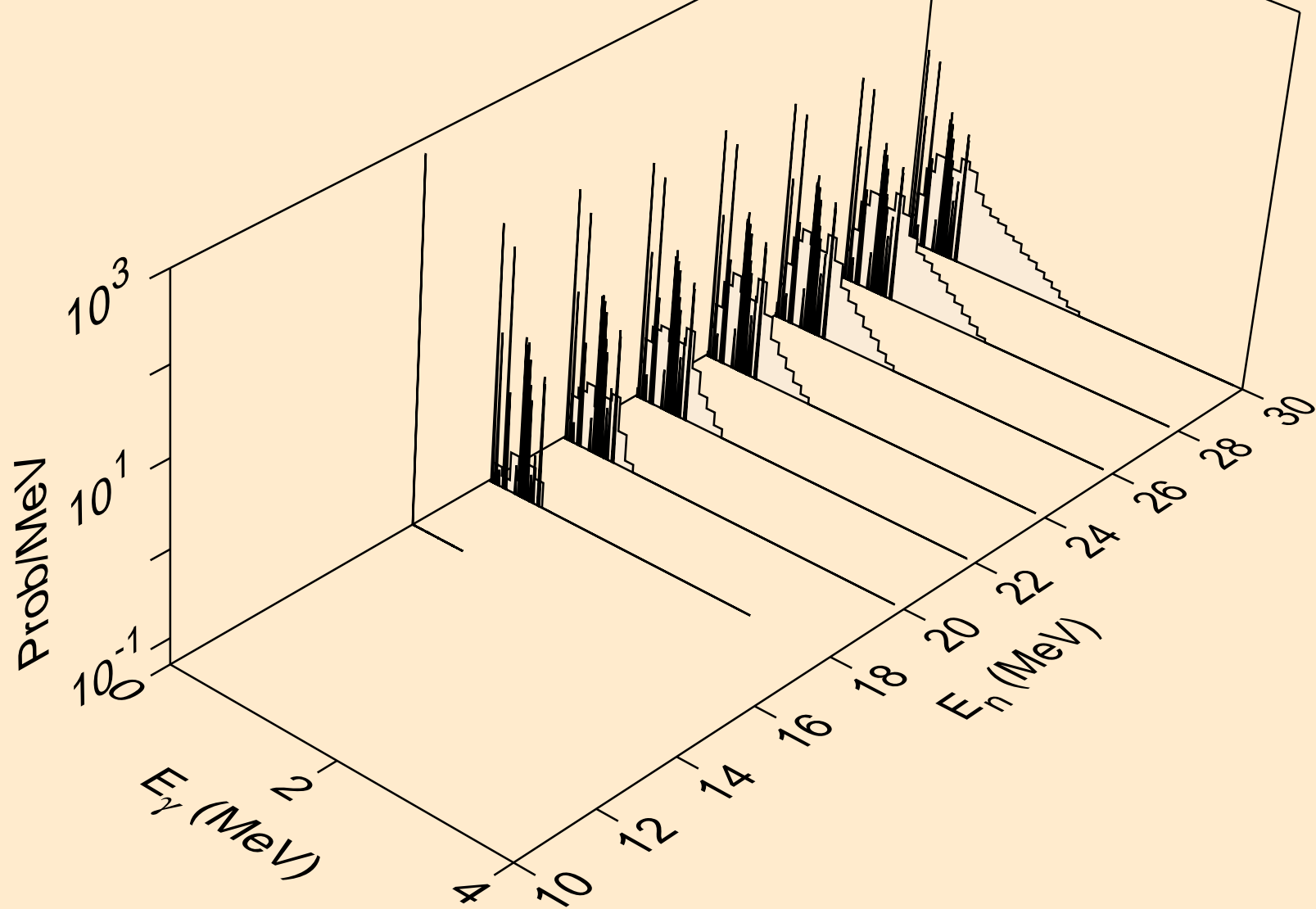


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

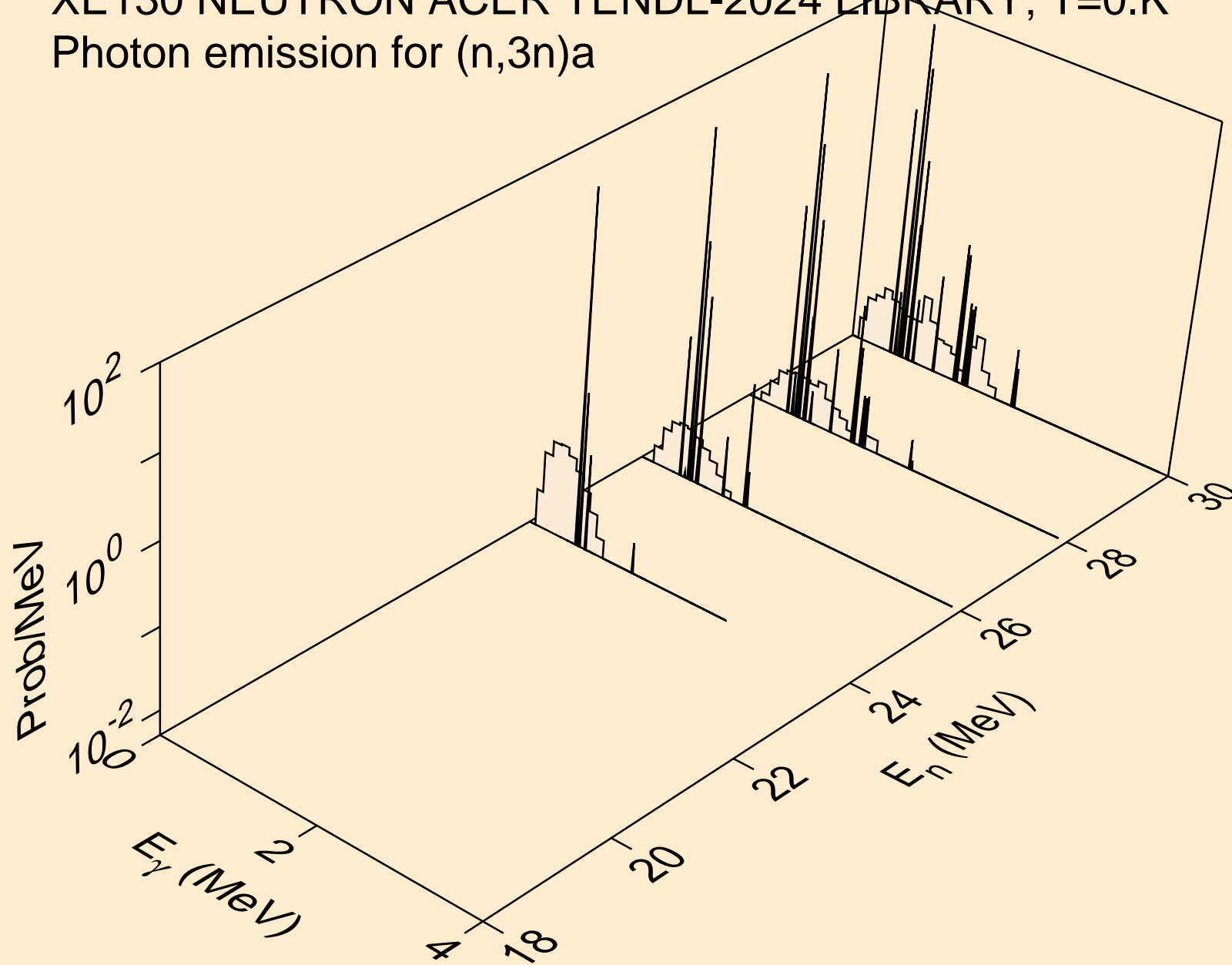




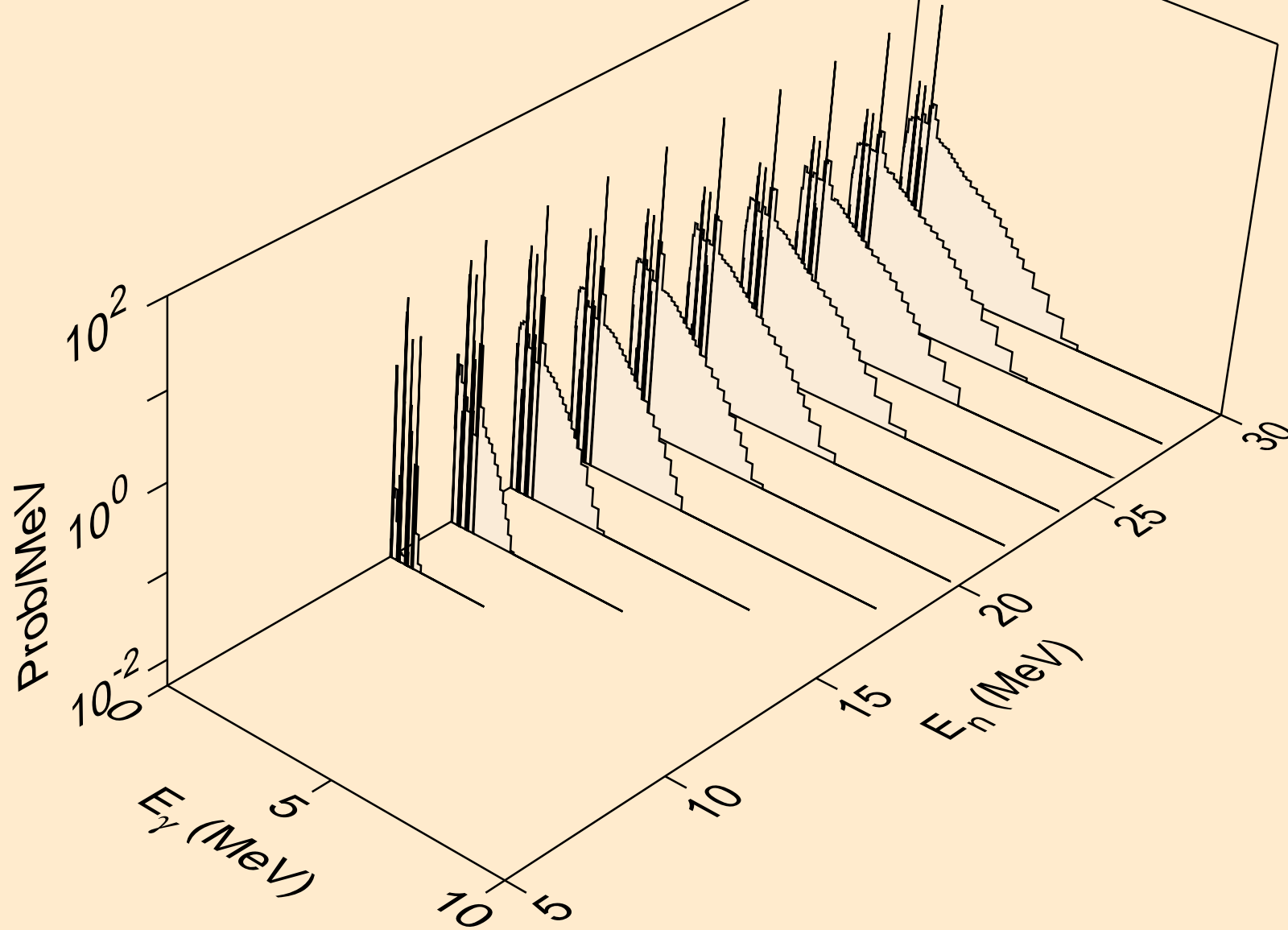
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



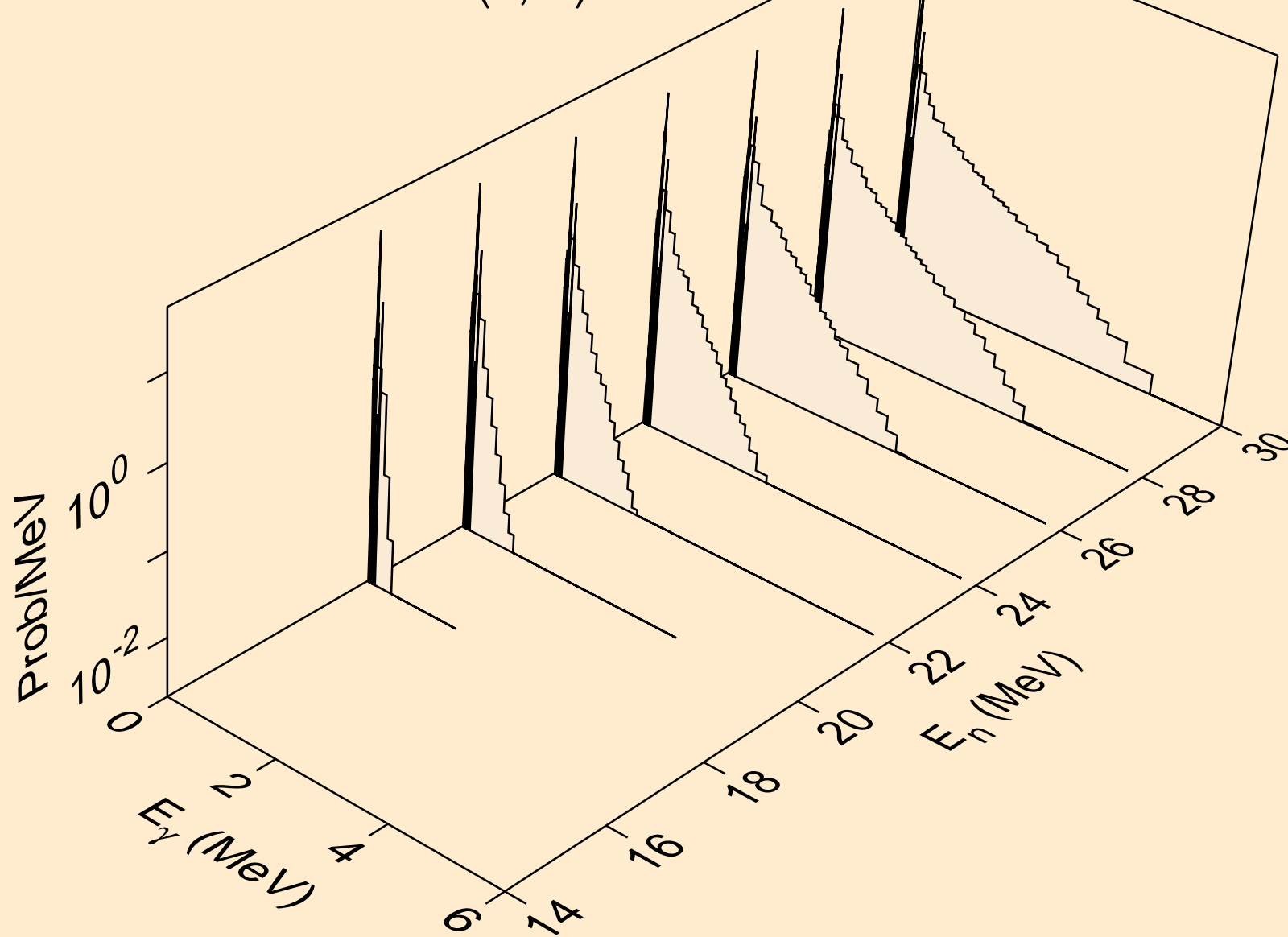
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



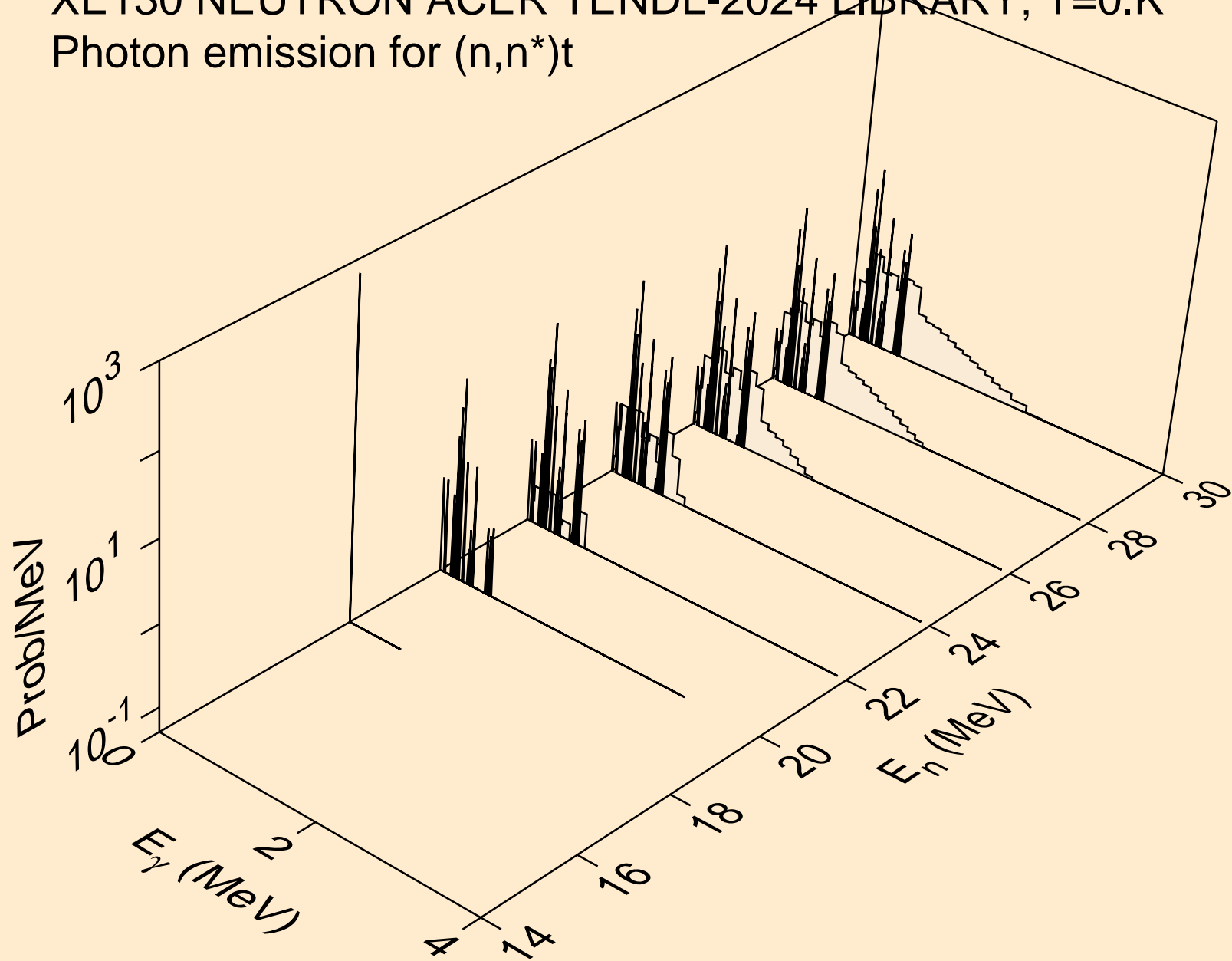
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



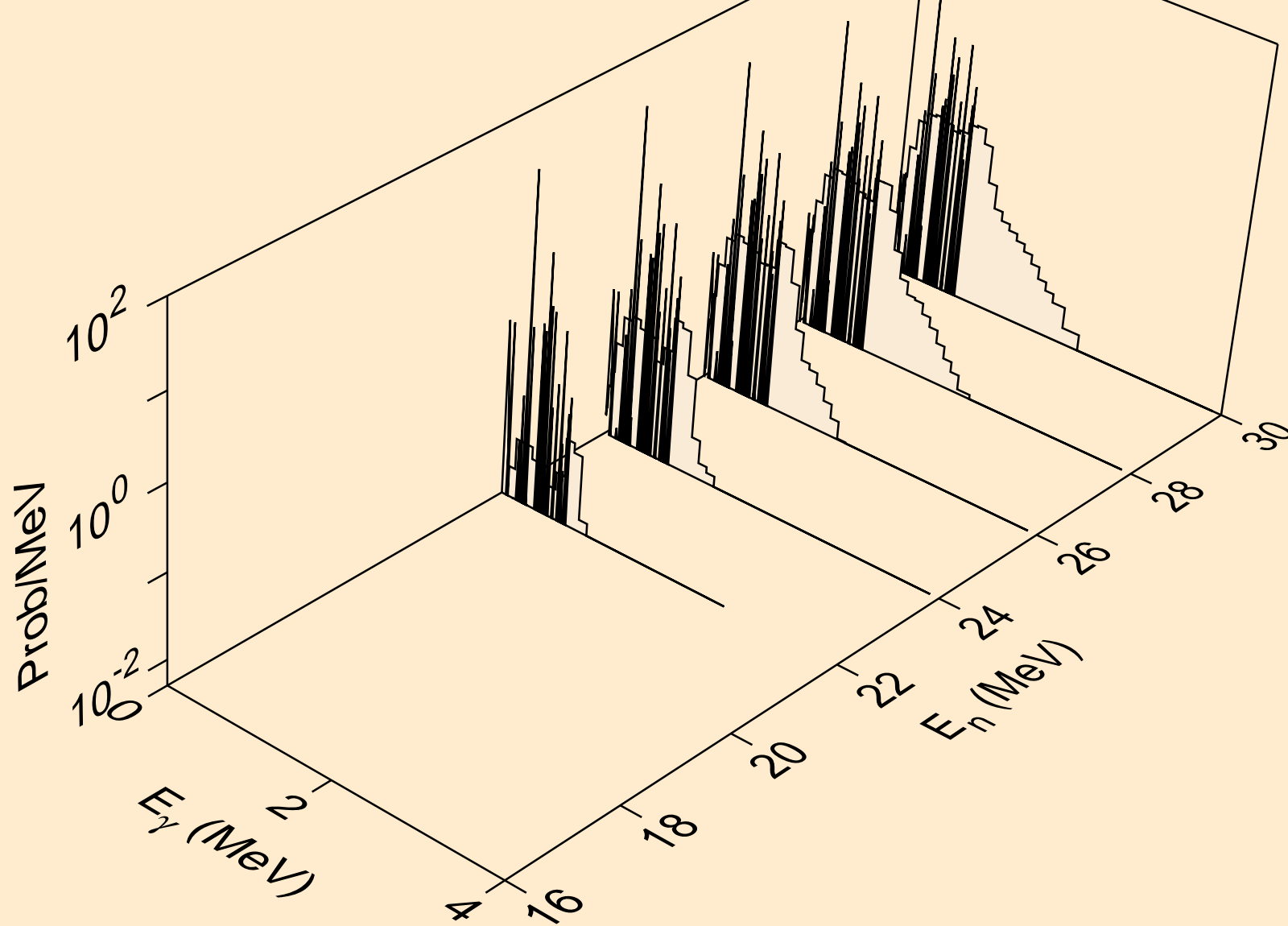
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



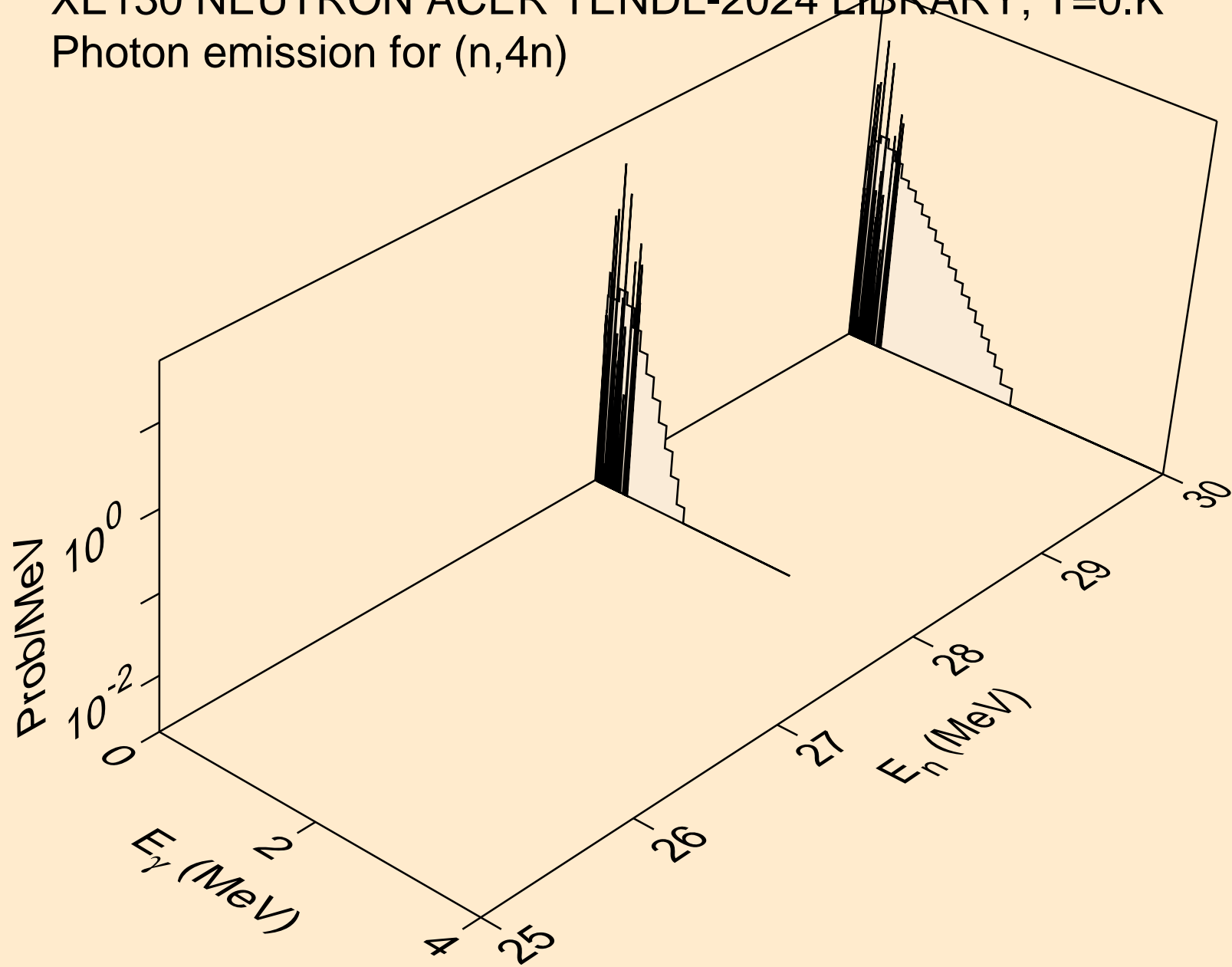
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



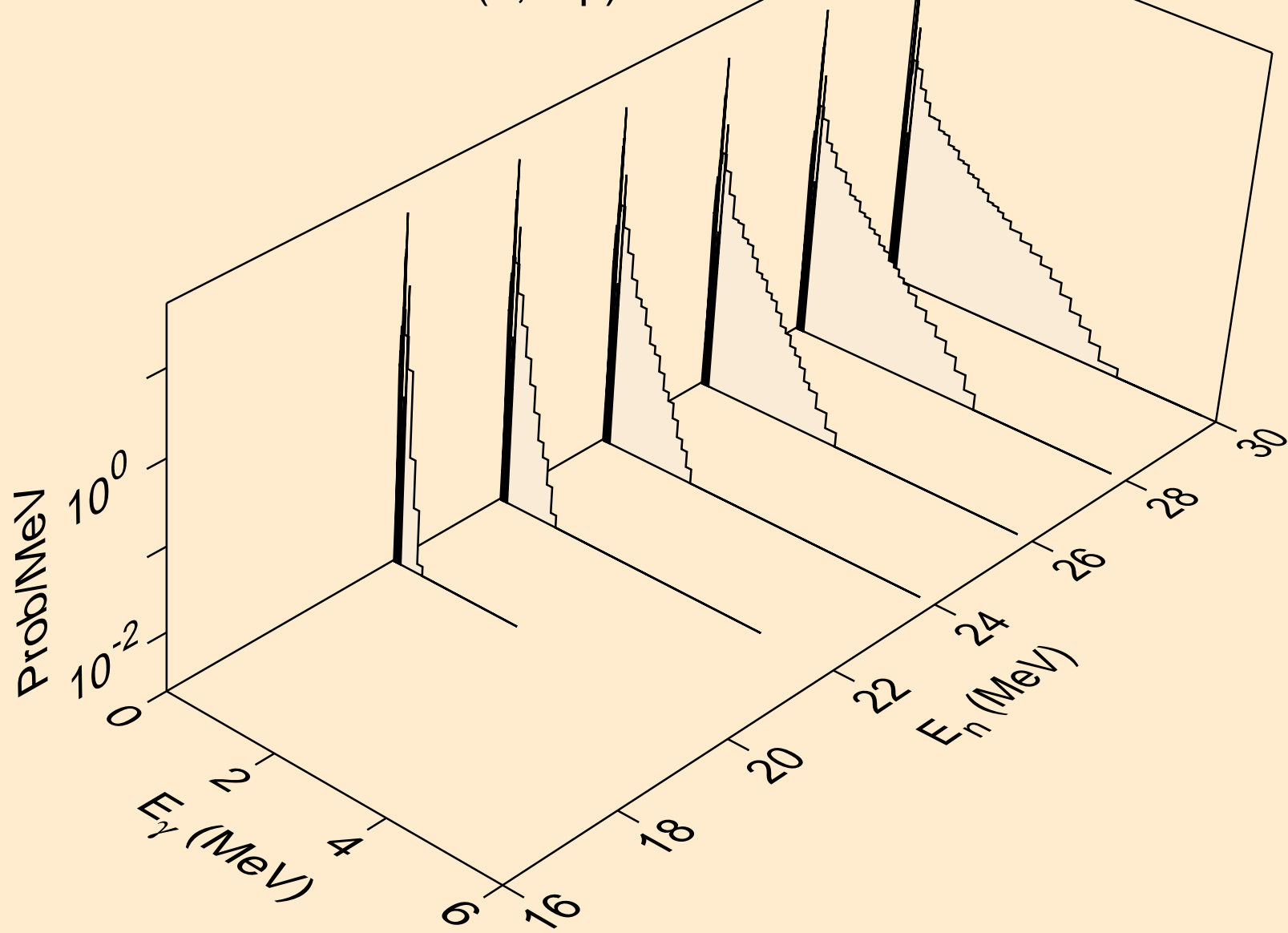
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

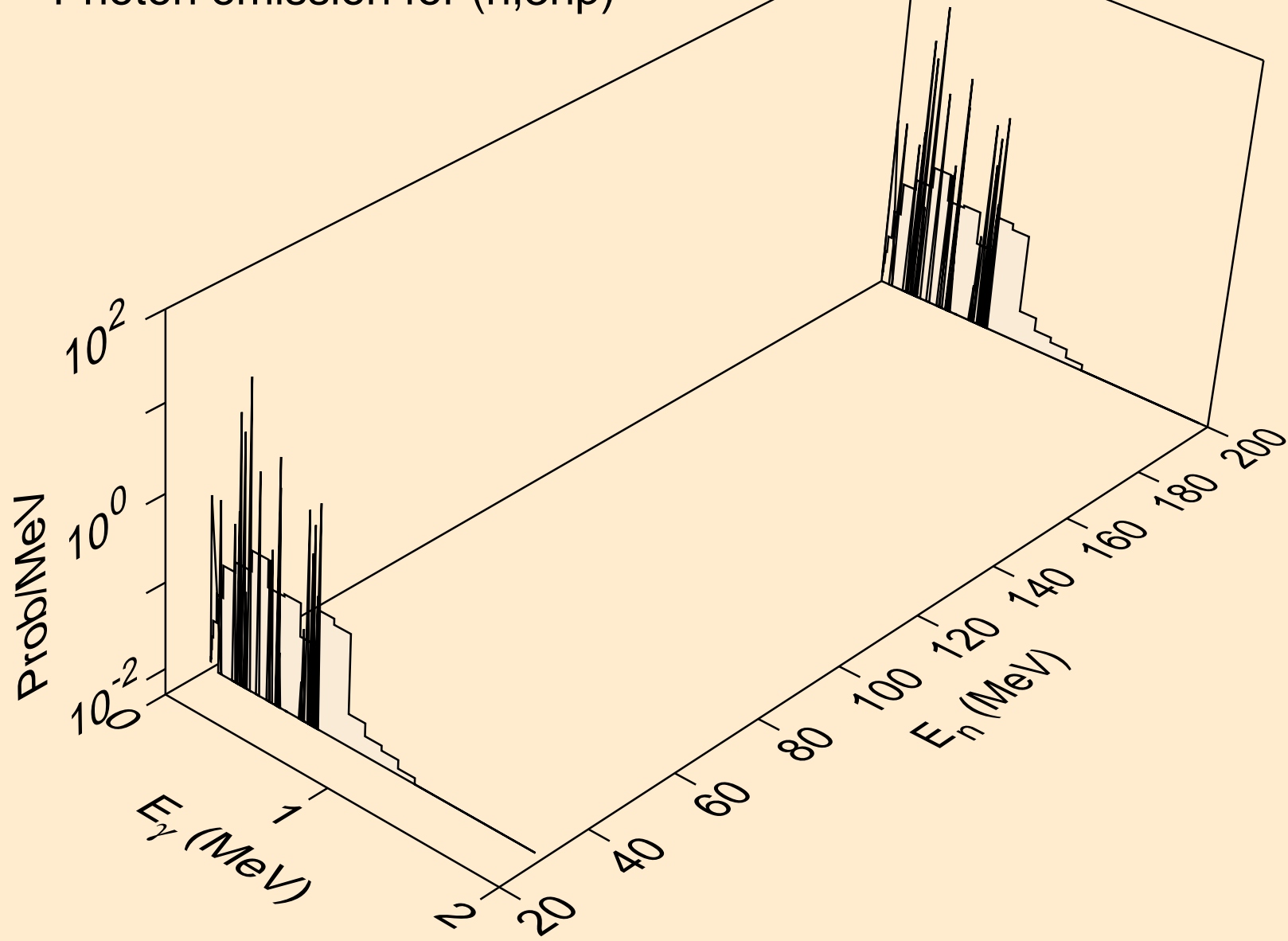


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

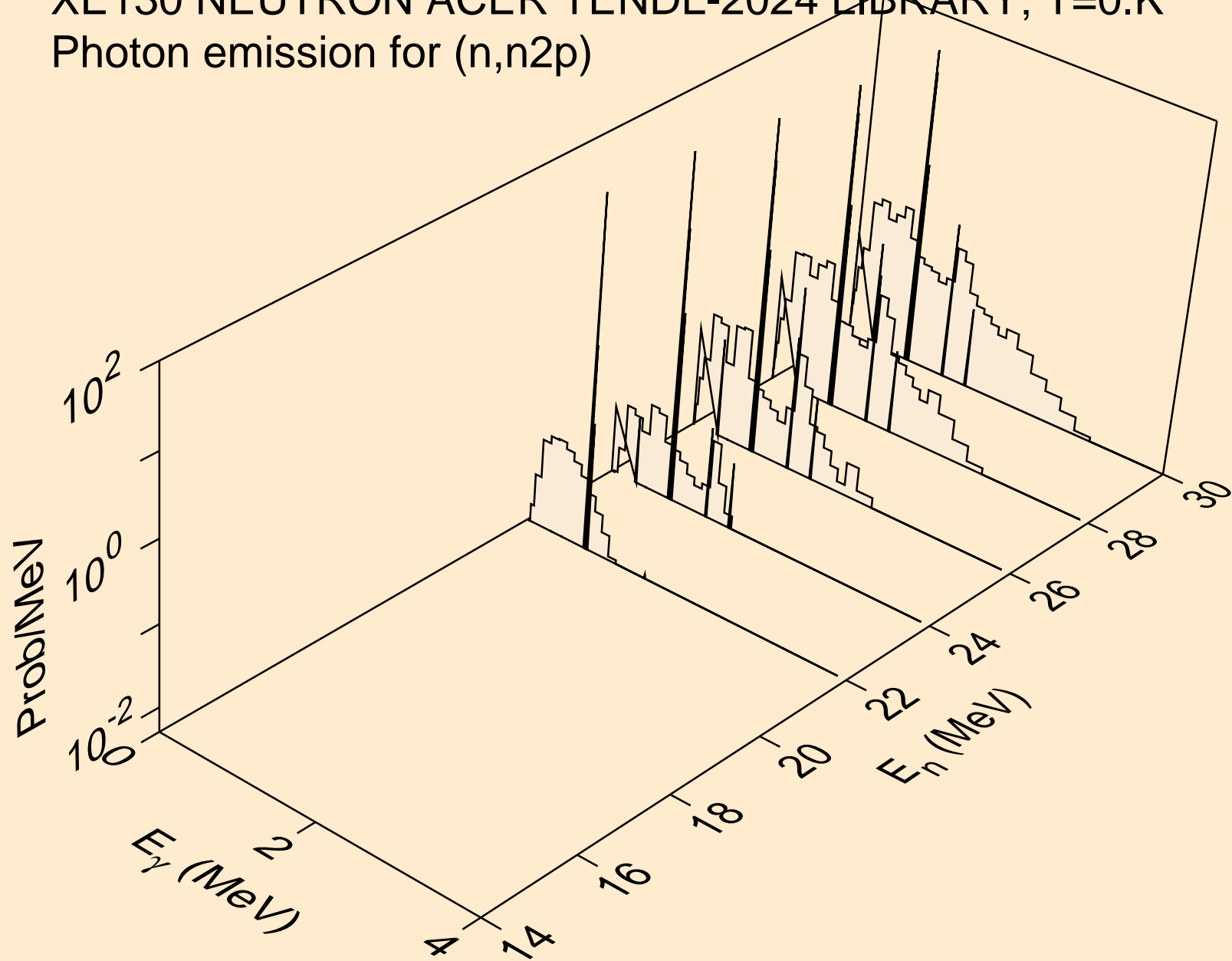




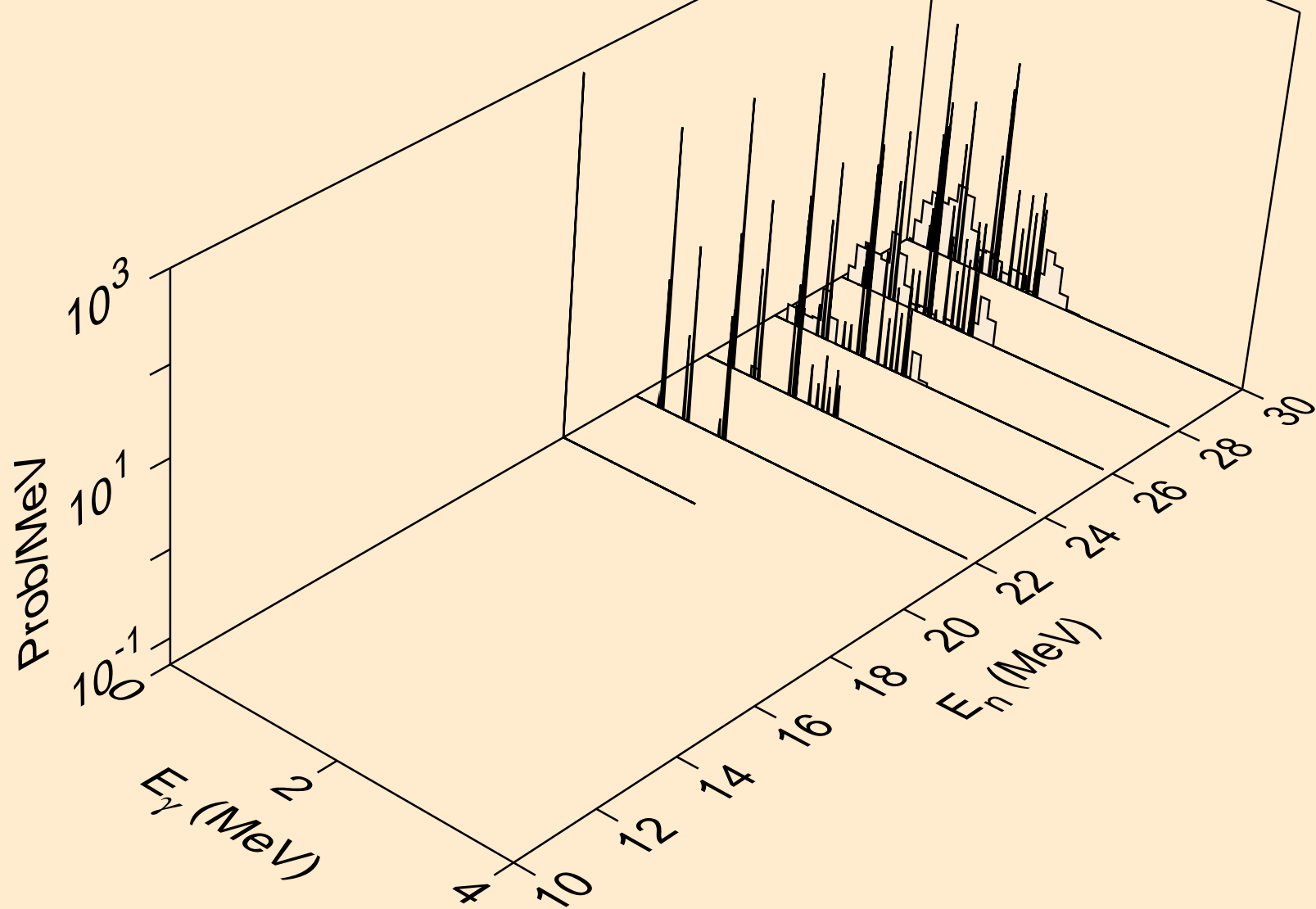
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



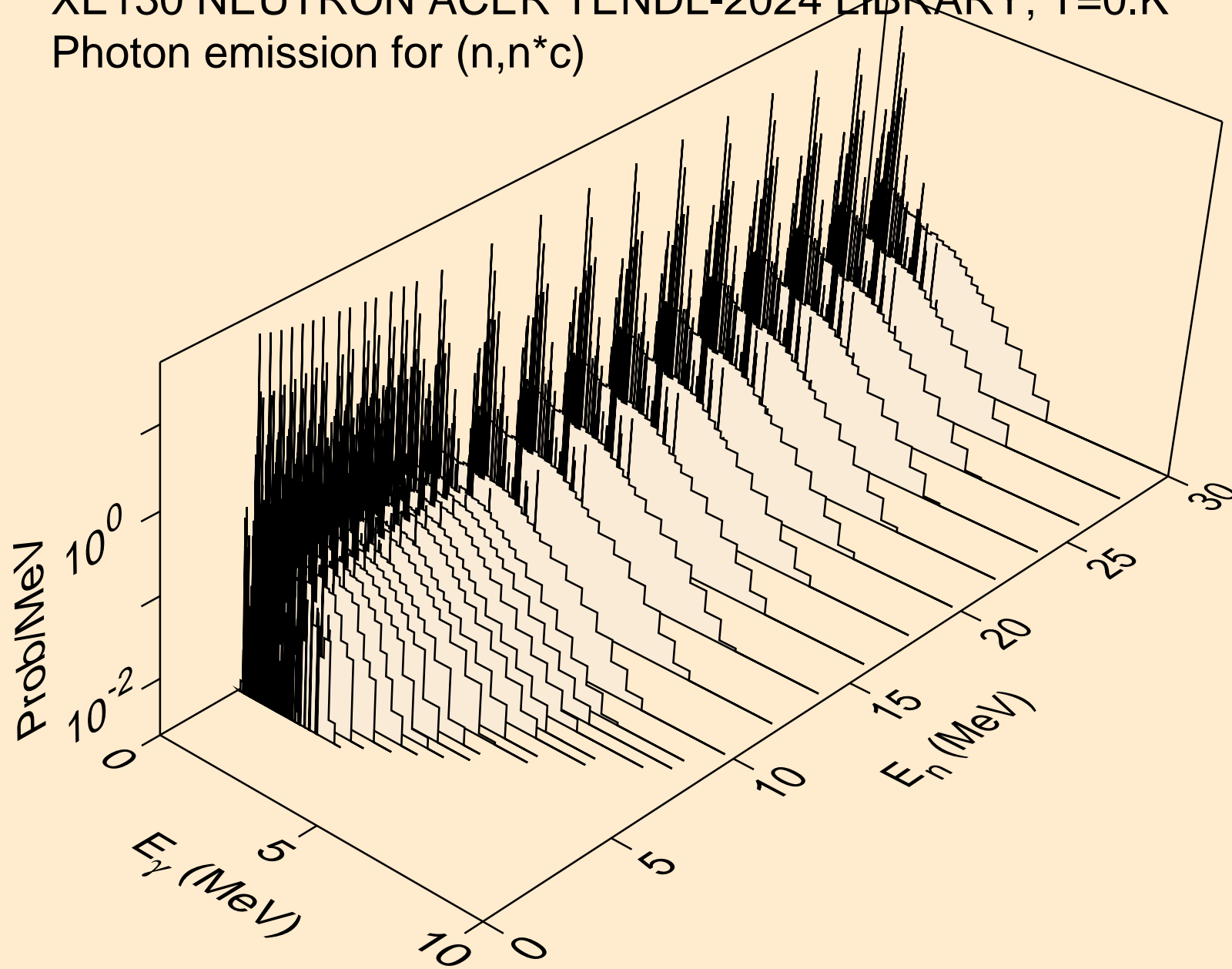
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



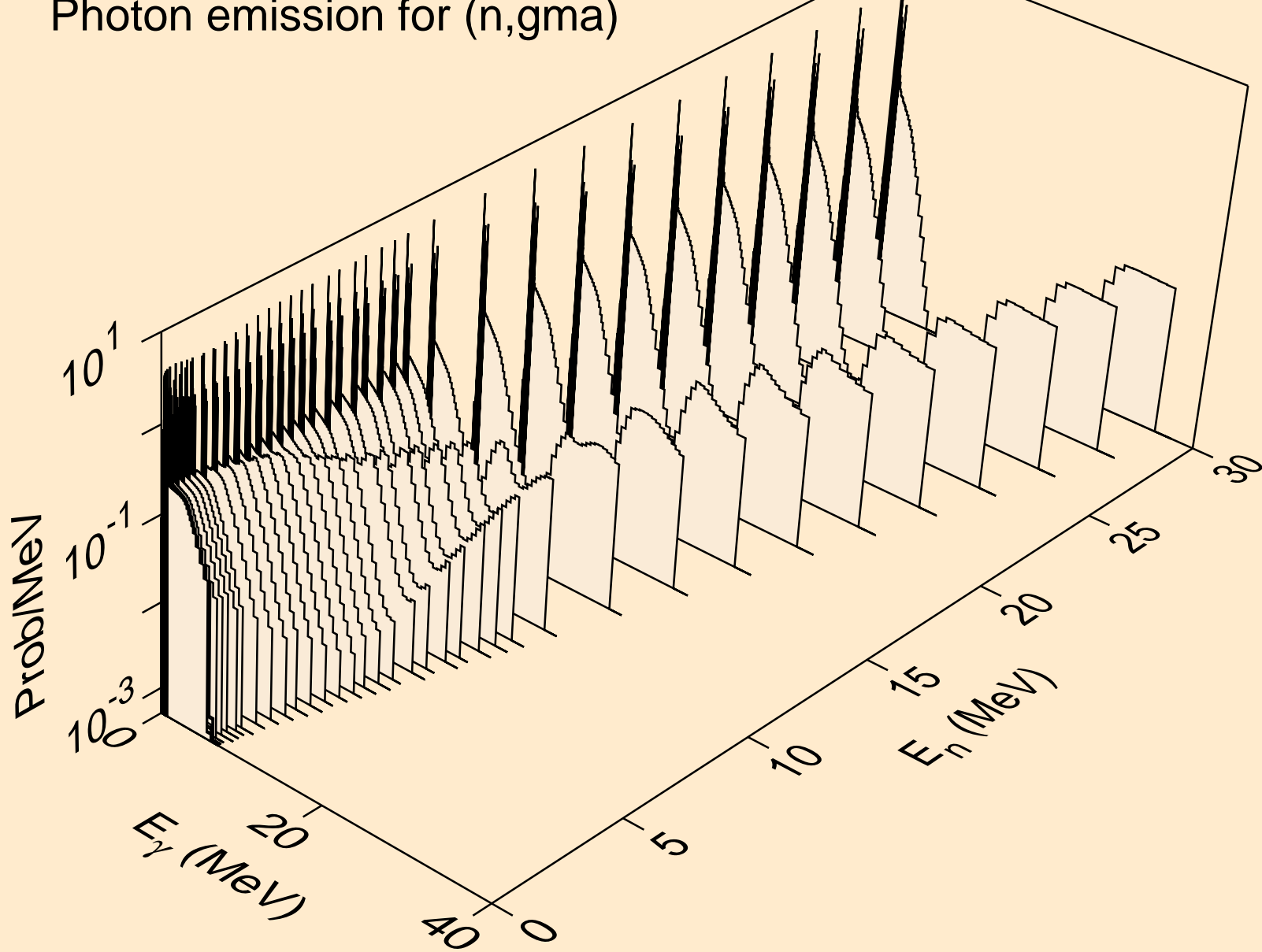
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



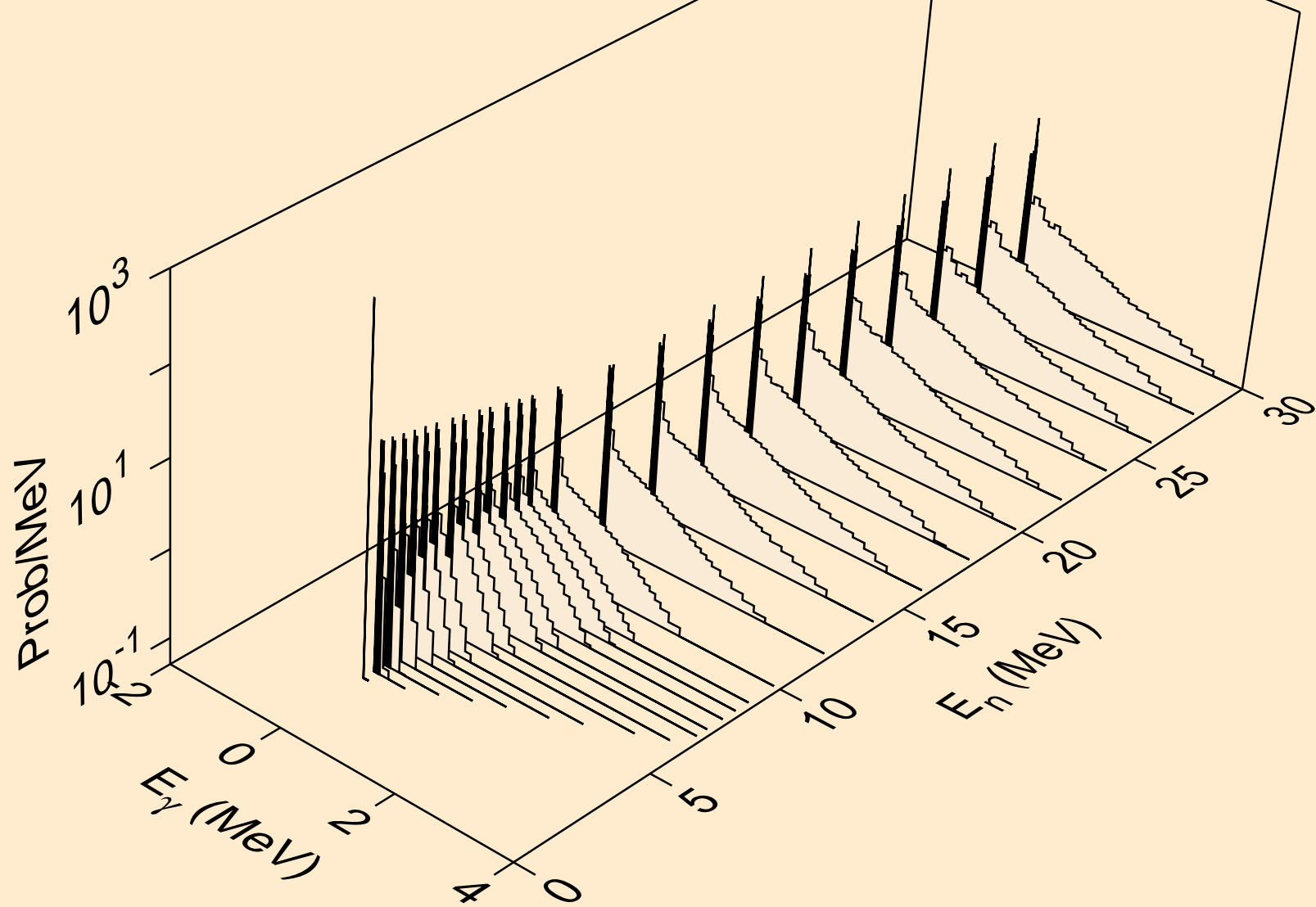
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



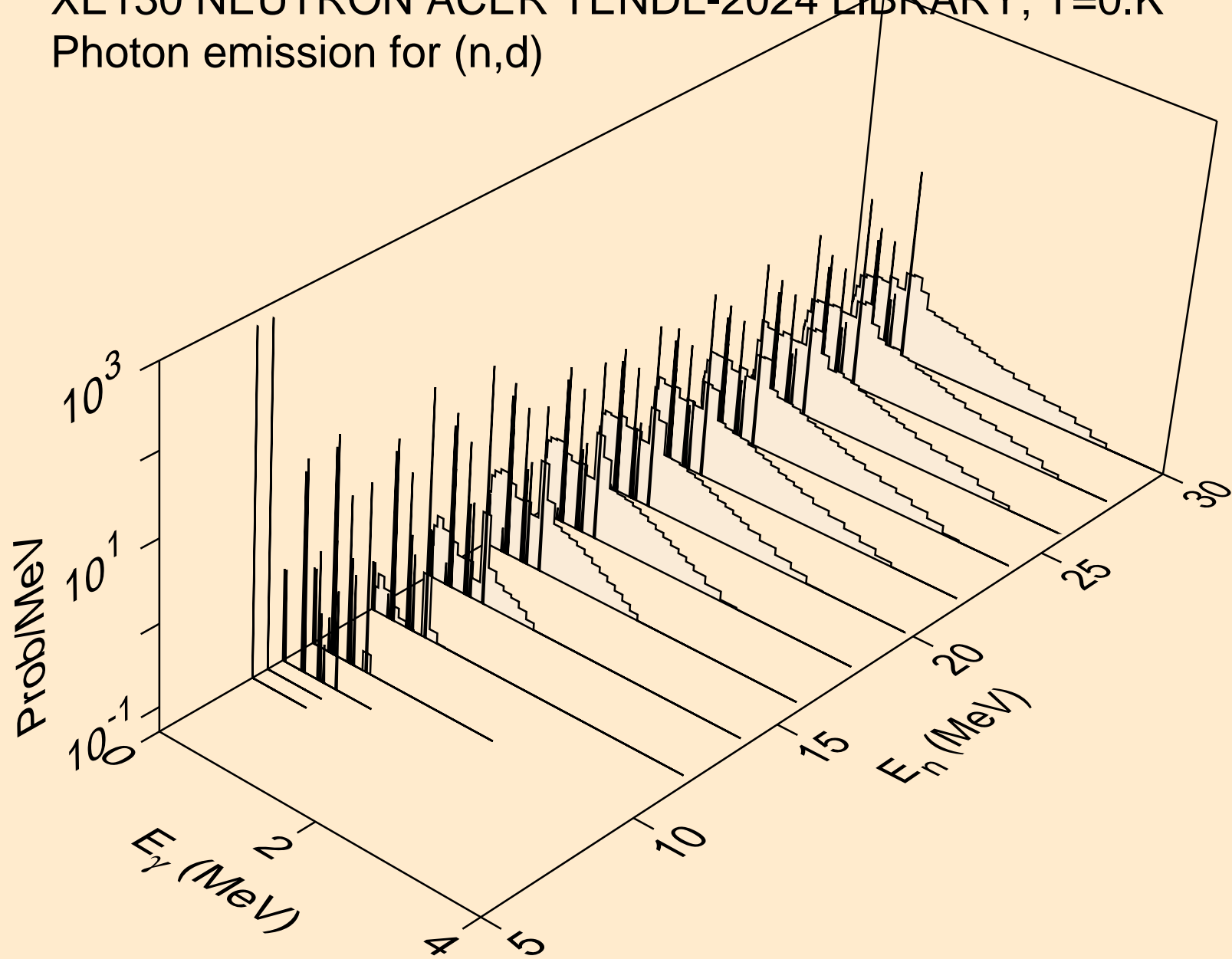
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



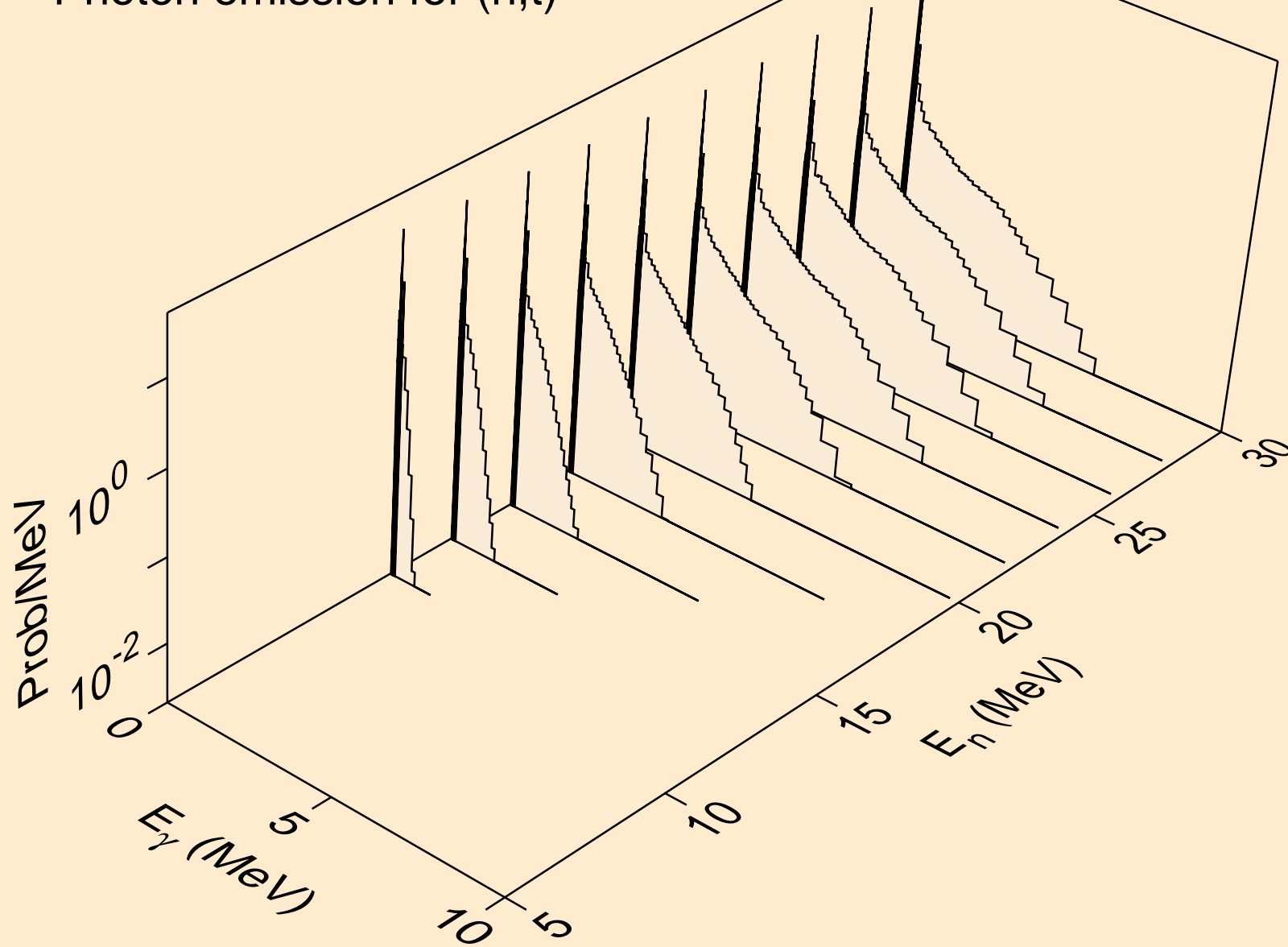
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

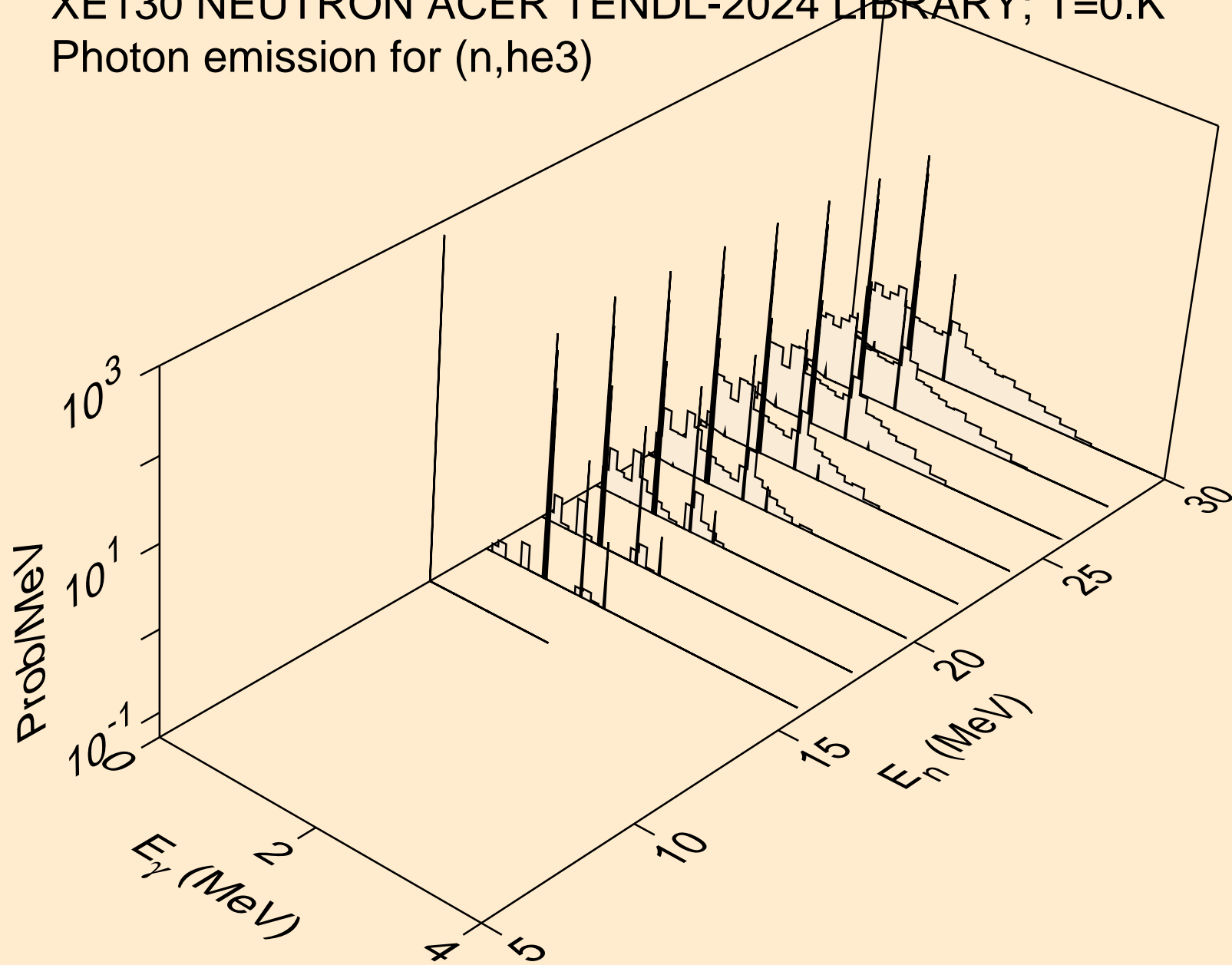


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

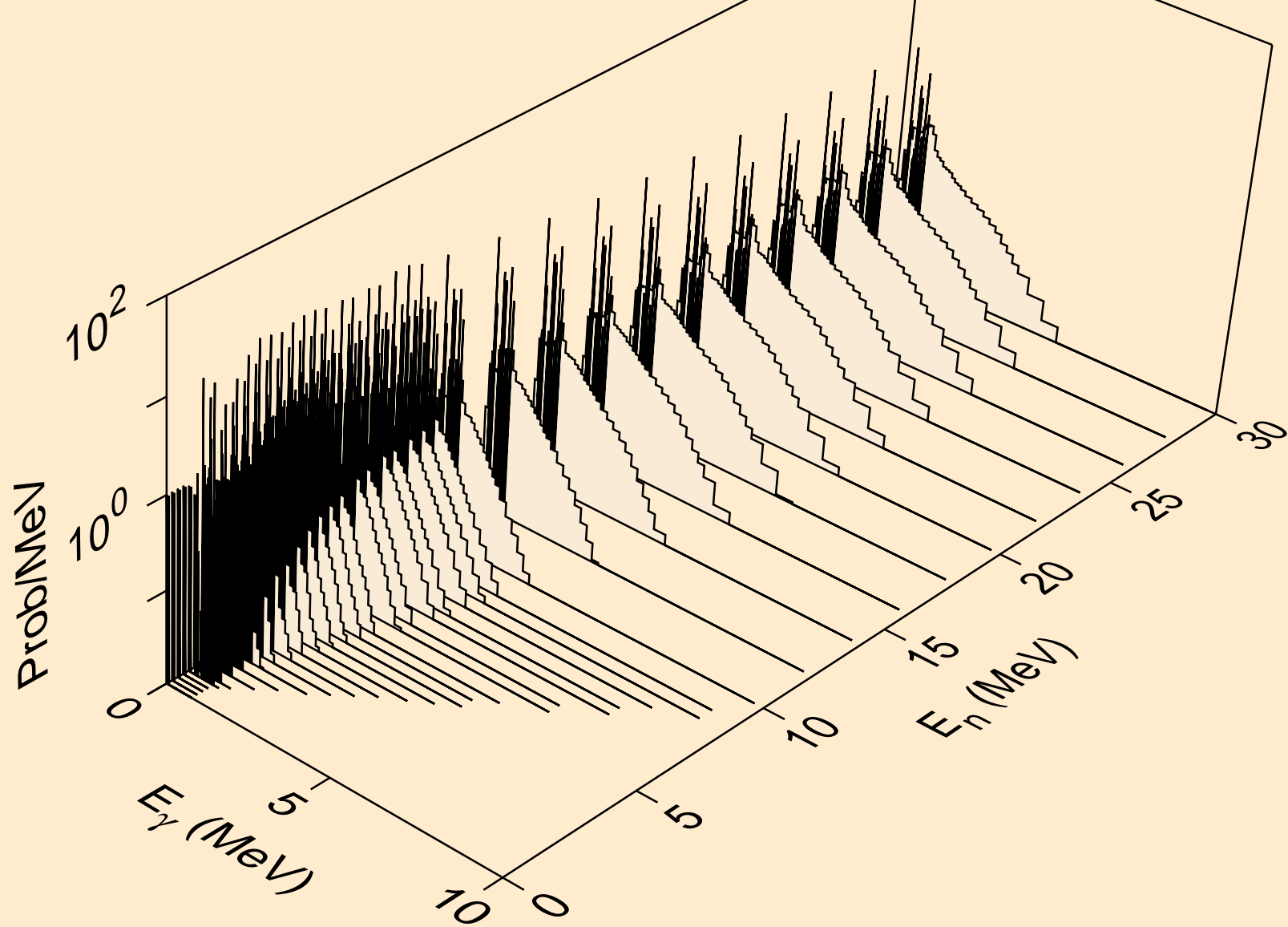




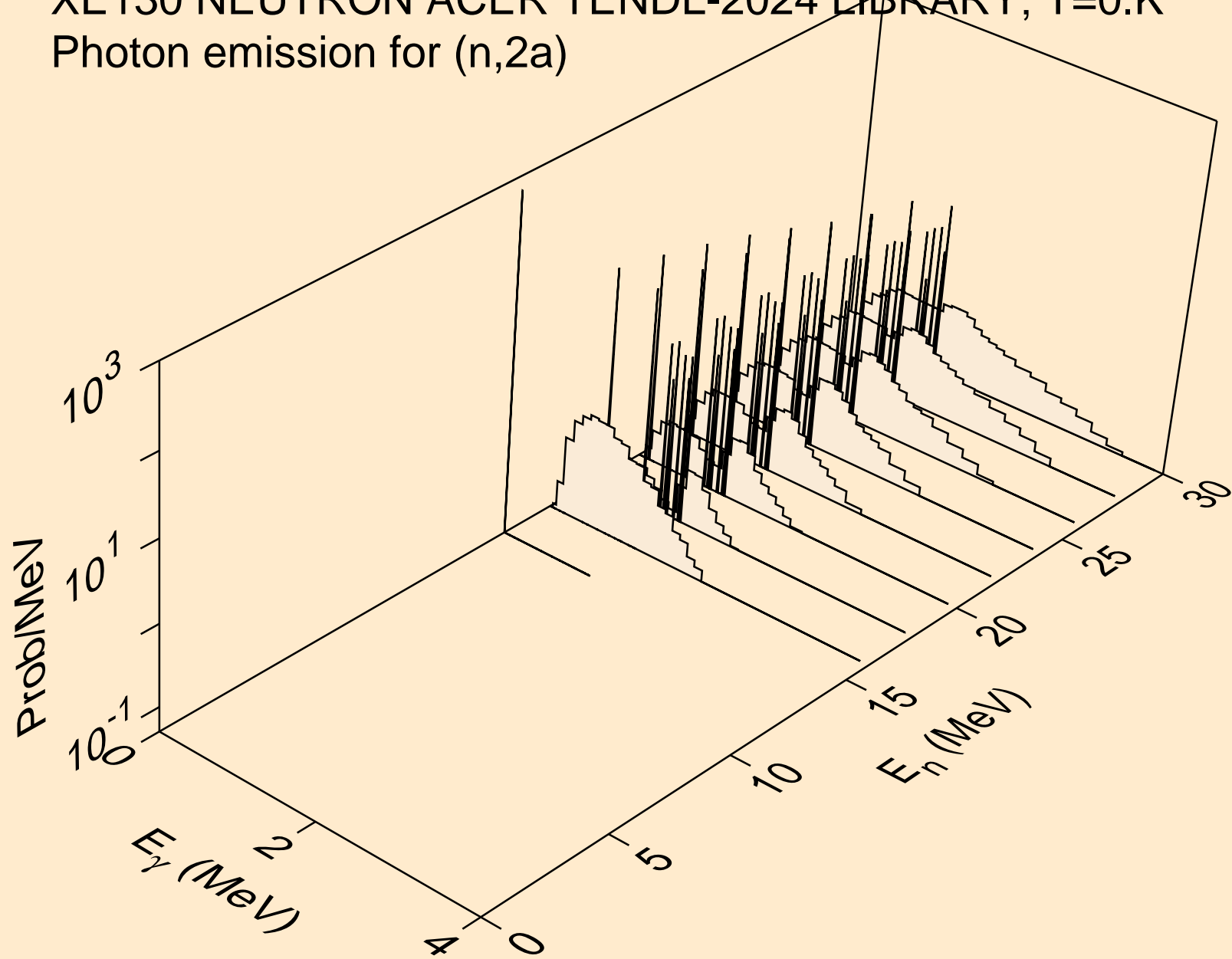
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



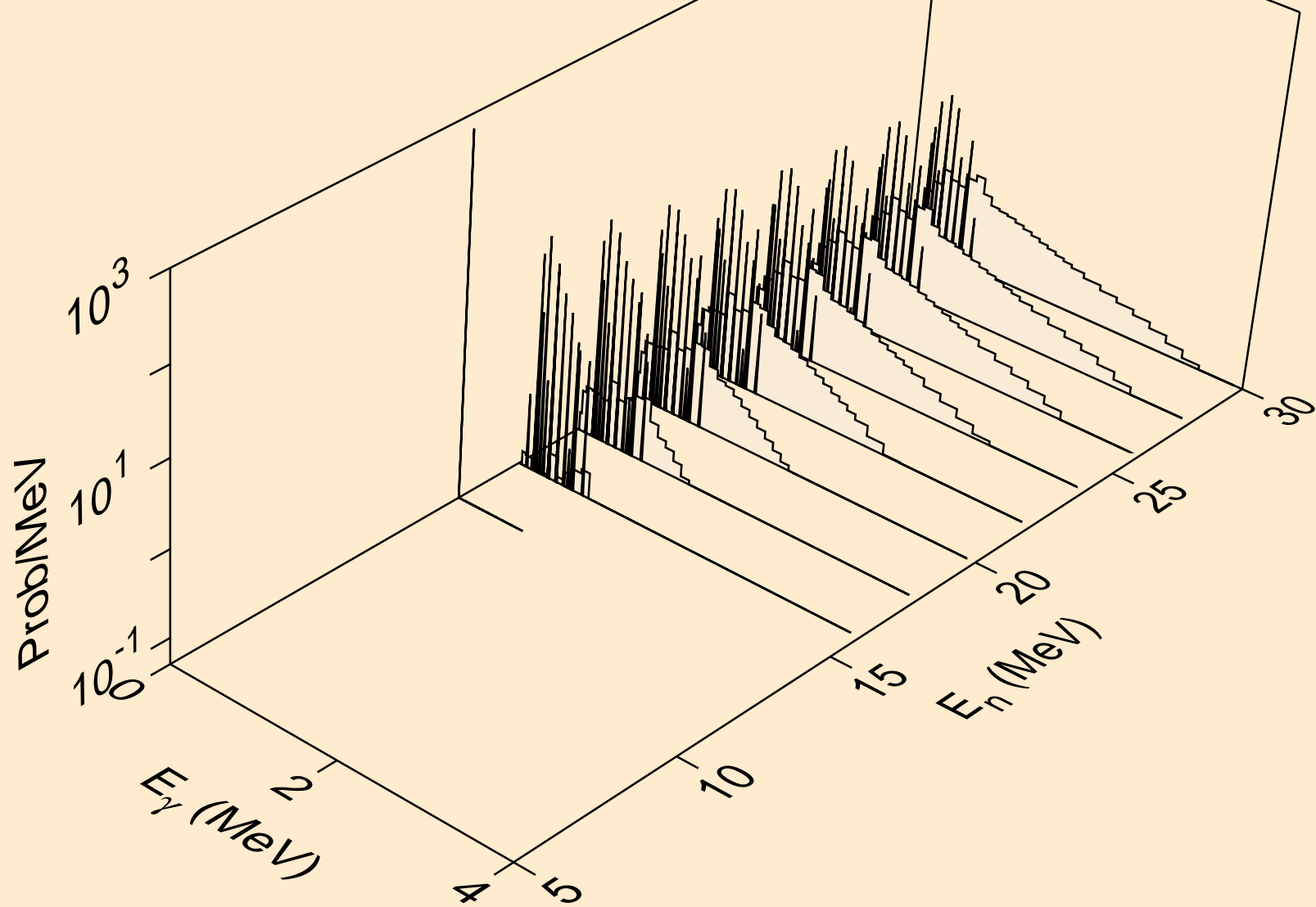
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



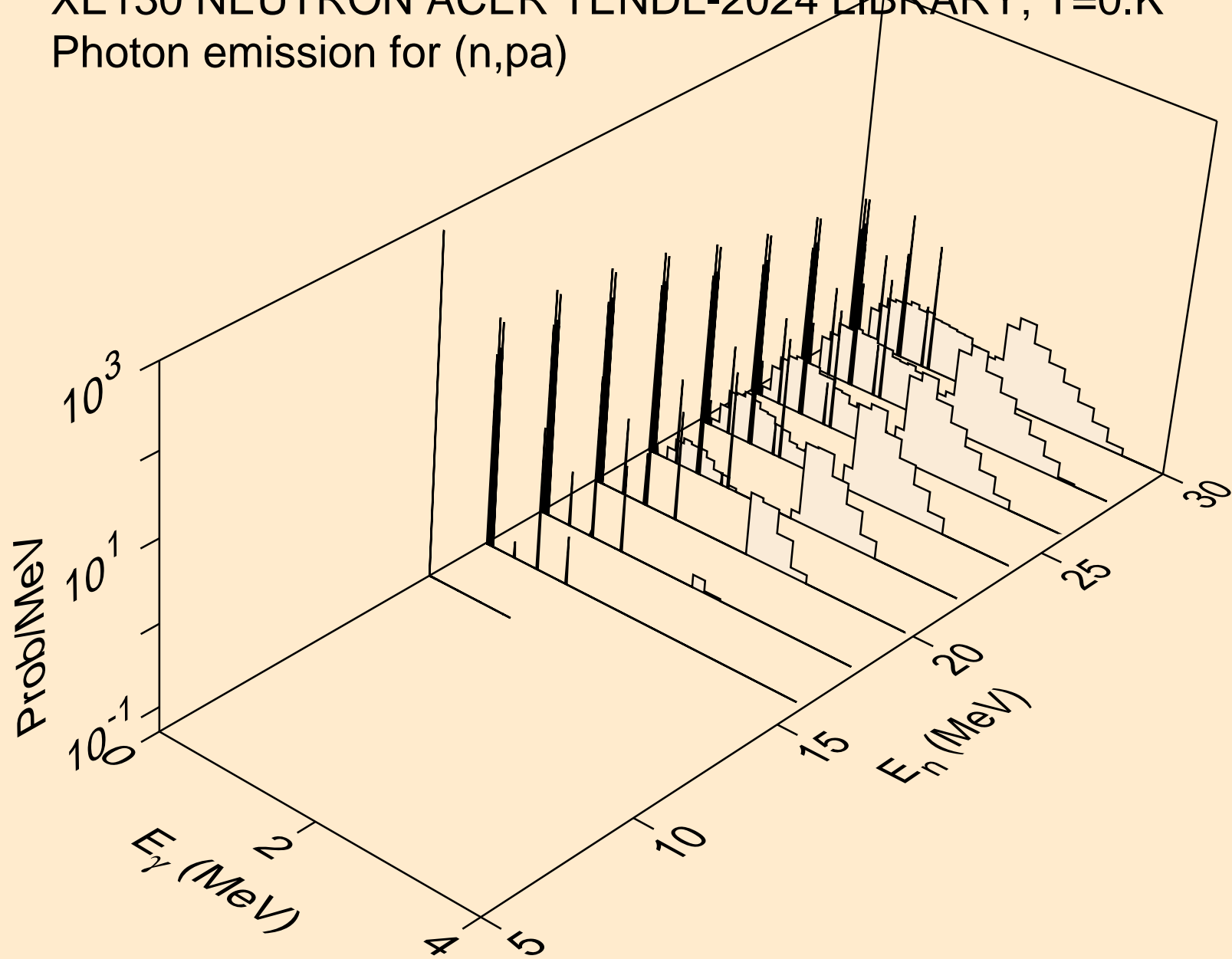
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



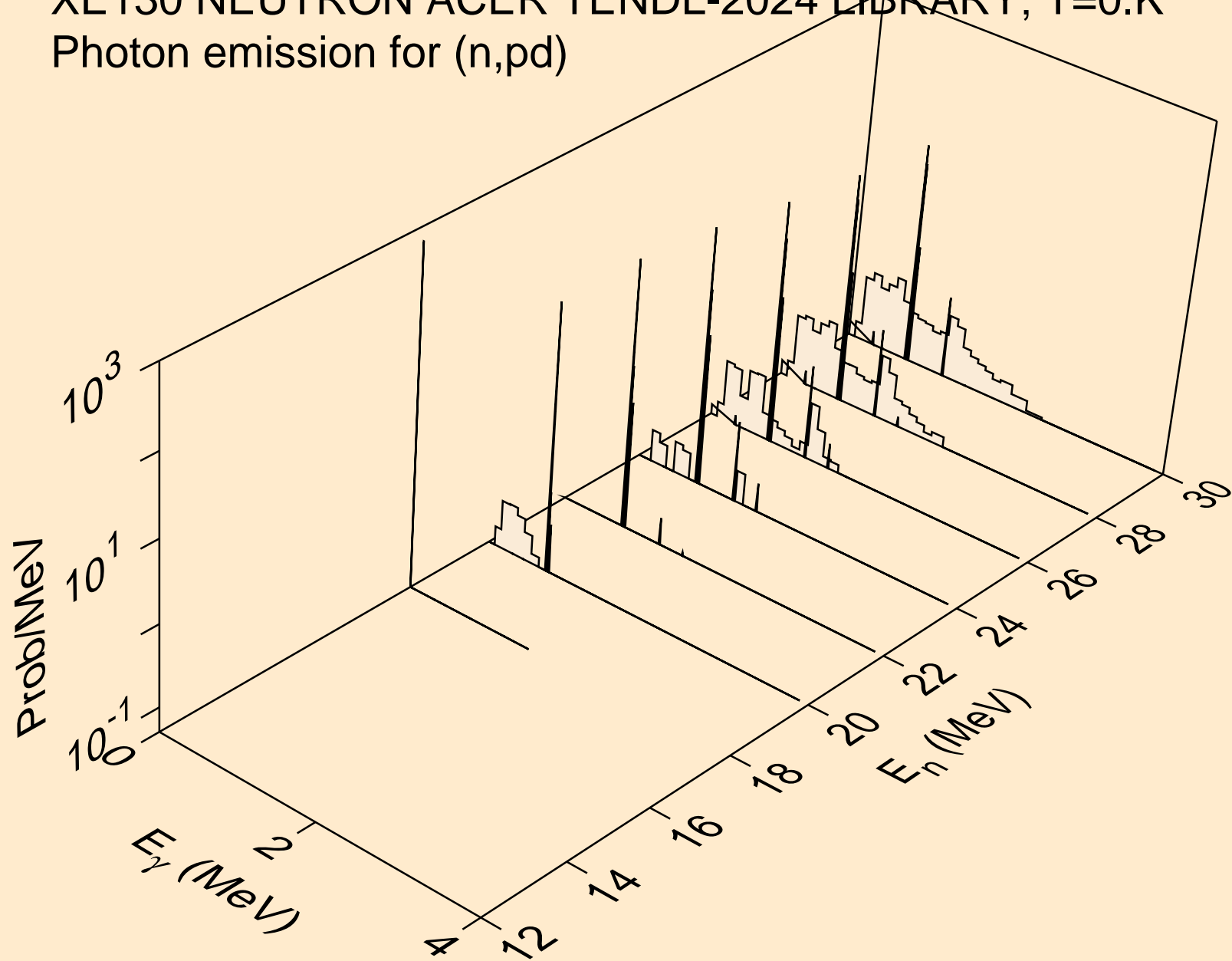
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



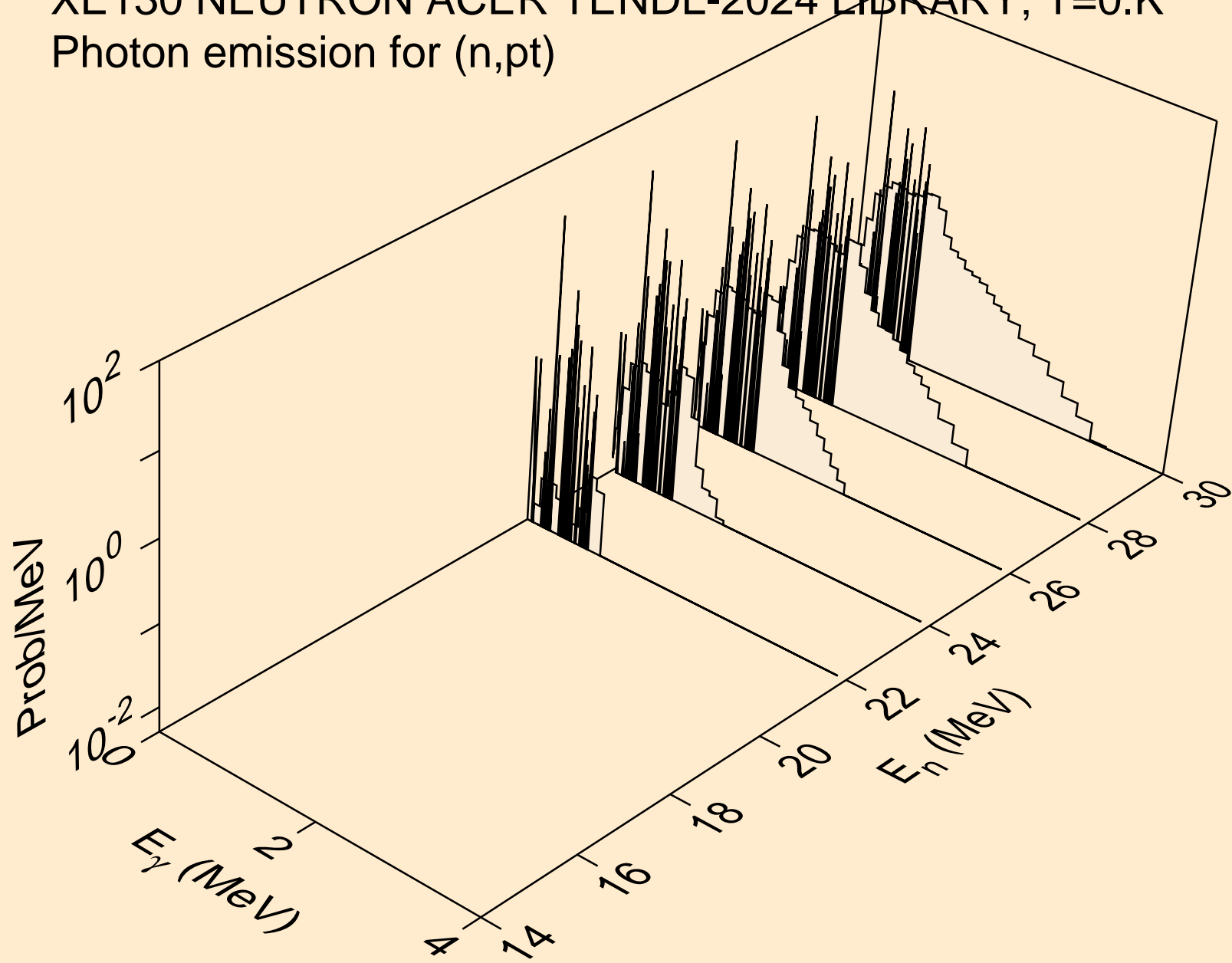
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



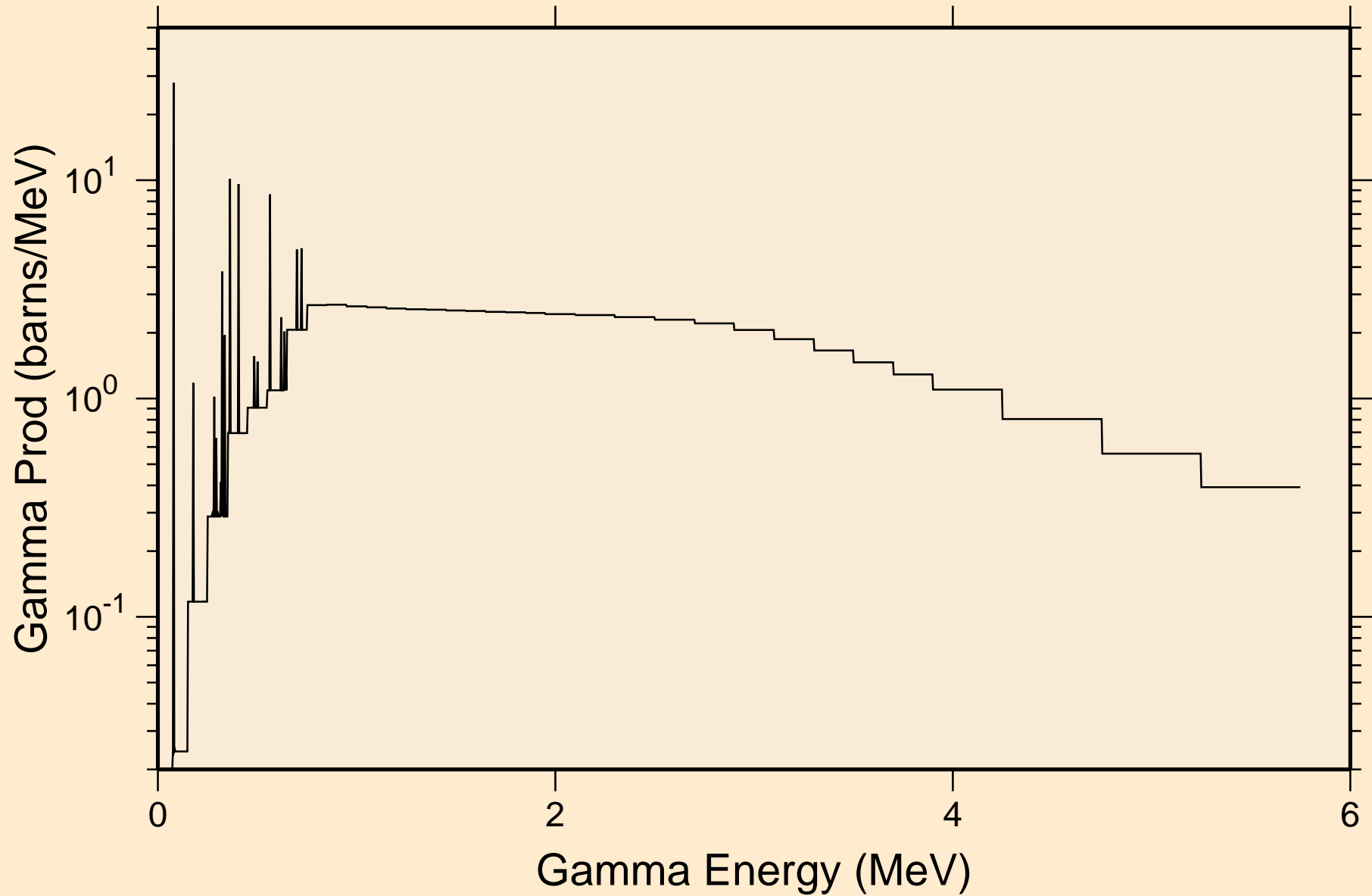
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

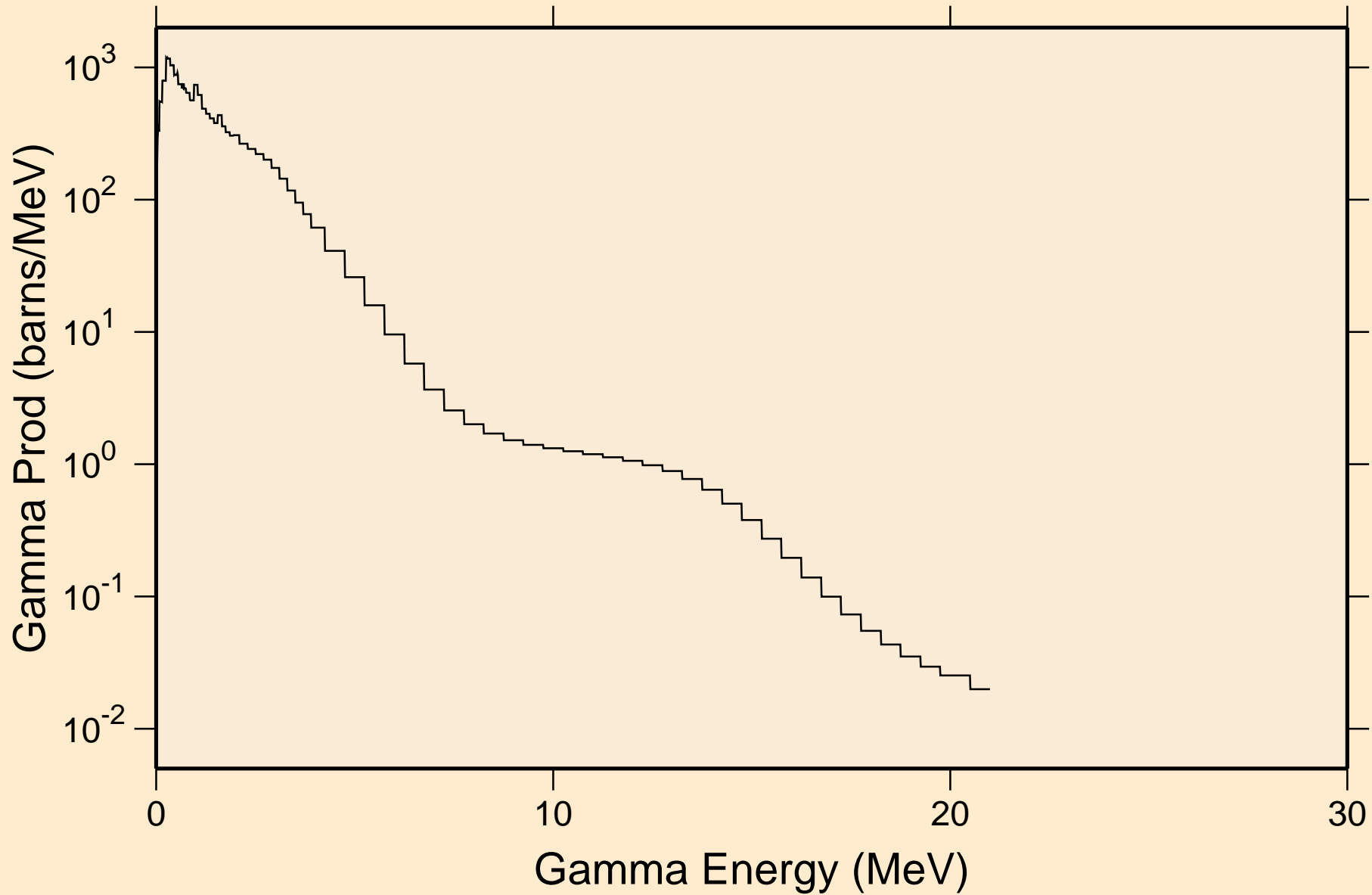


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



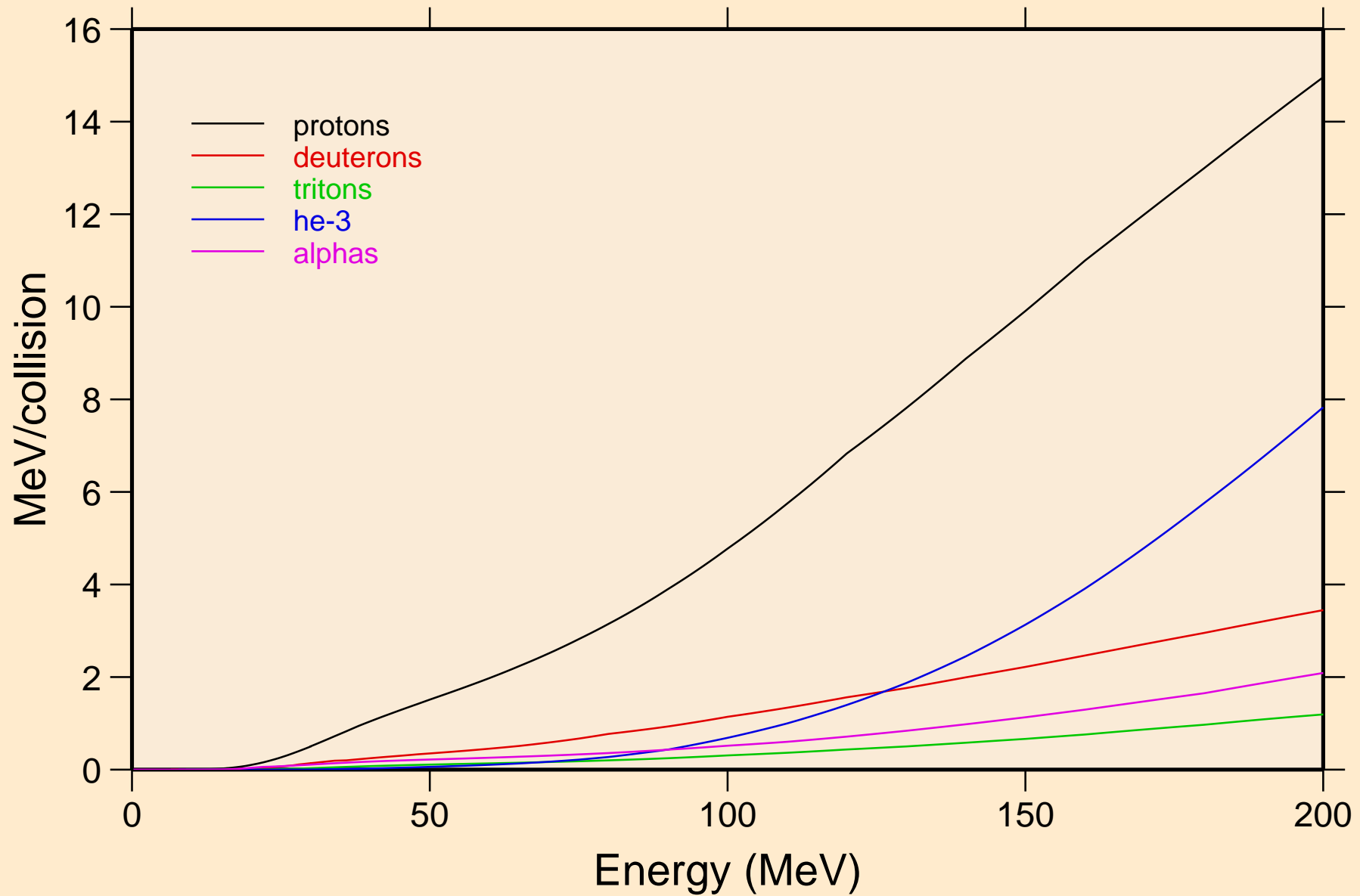


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

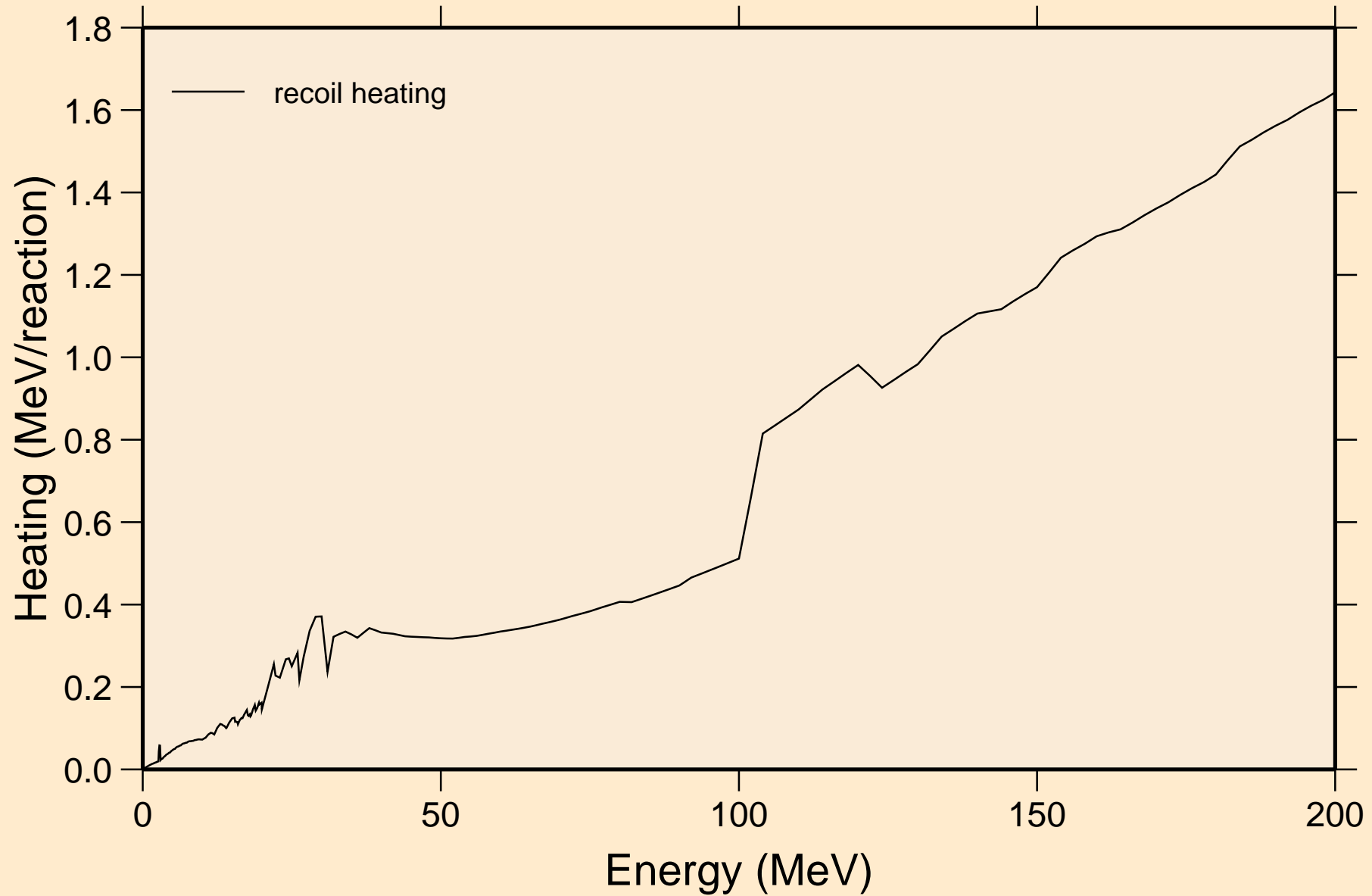


# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

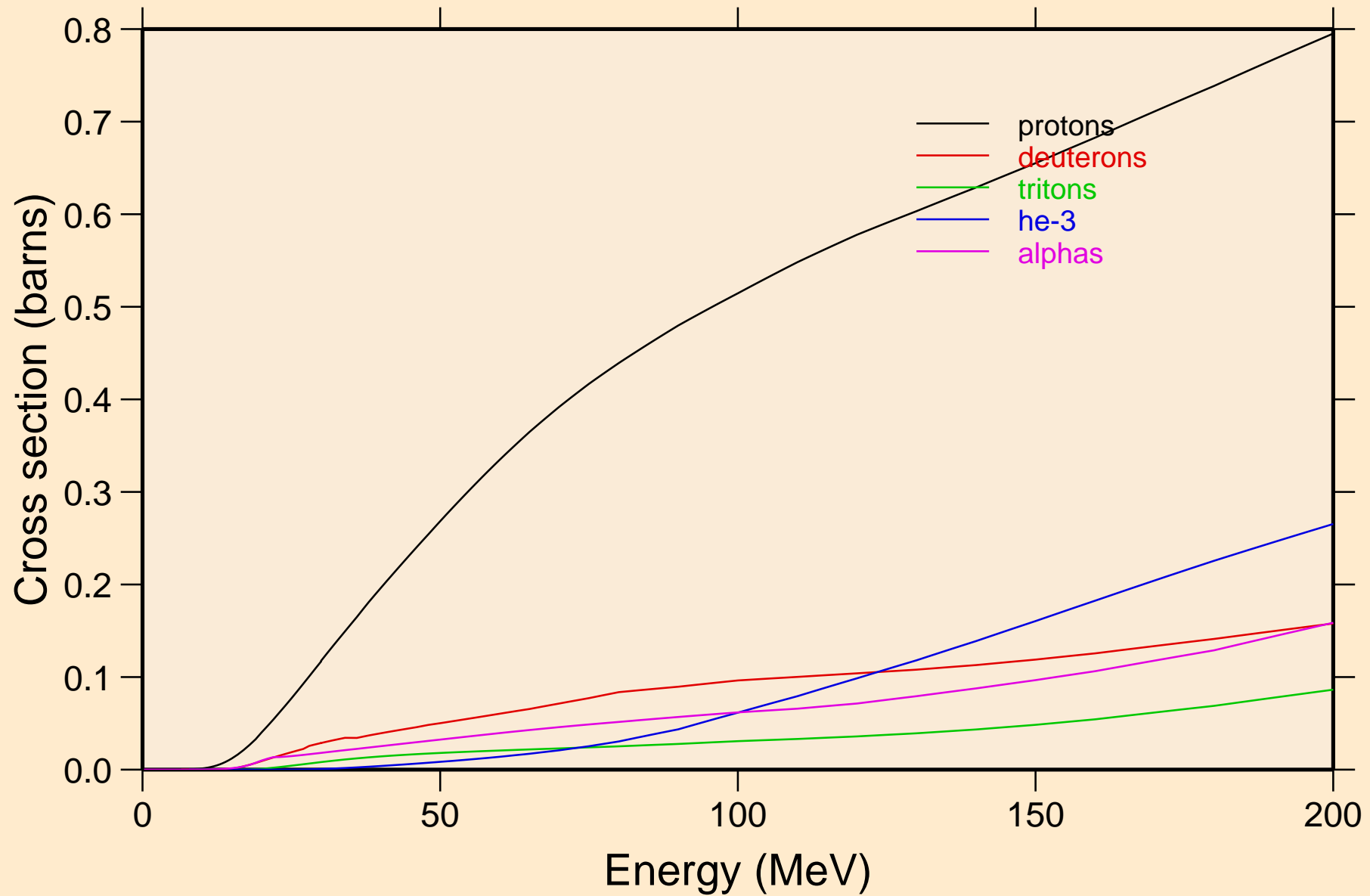


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

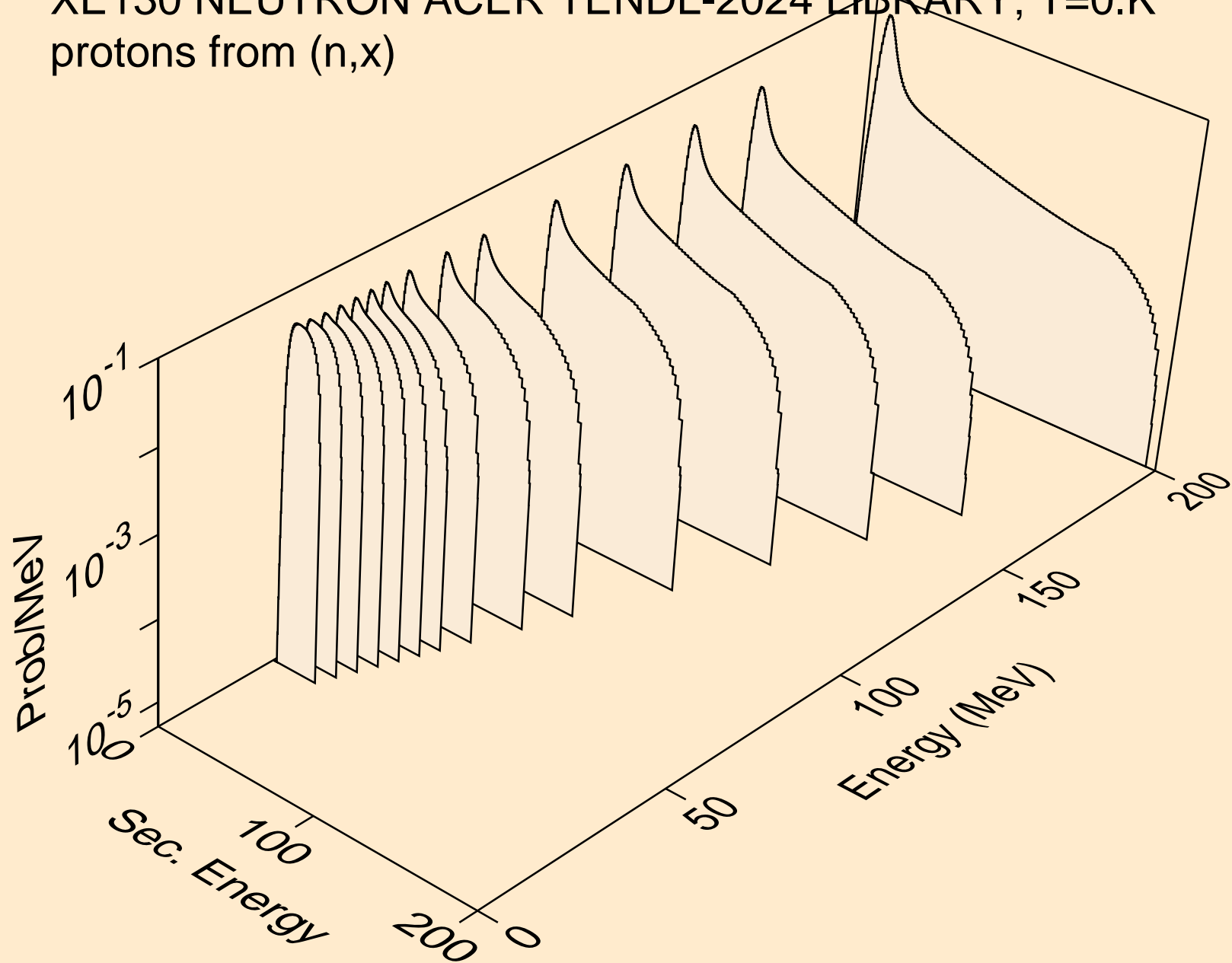


# XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

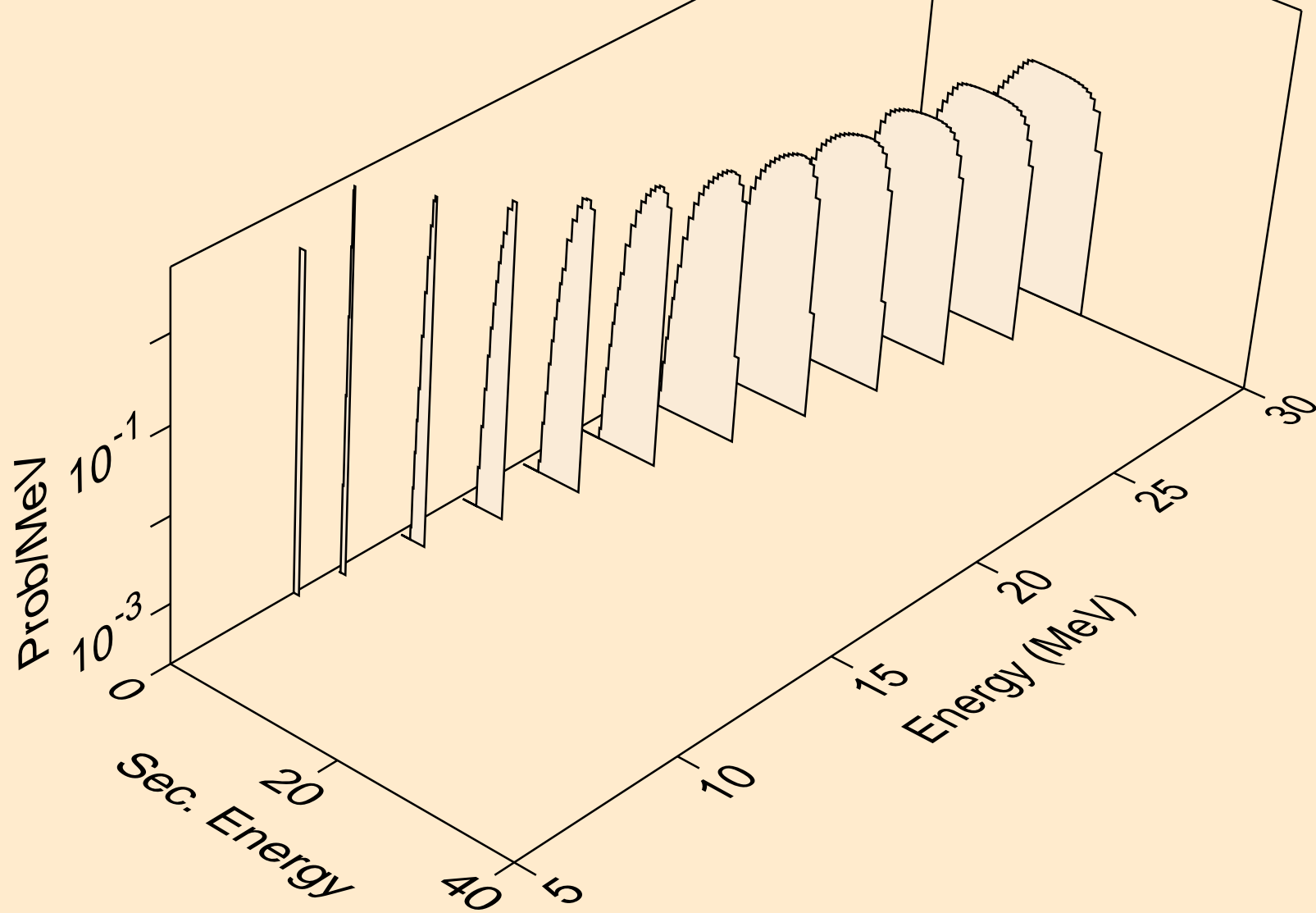
## Particle production cross sections



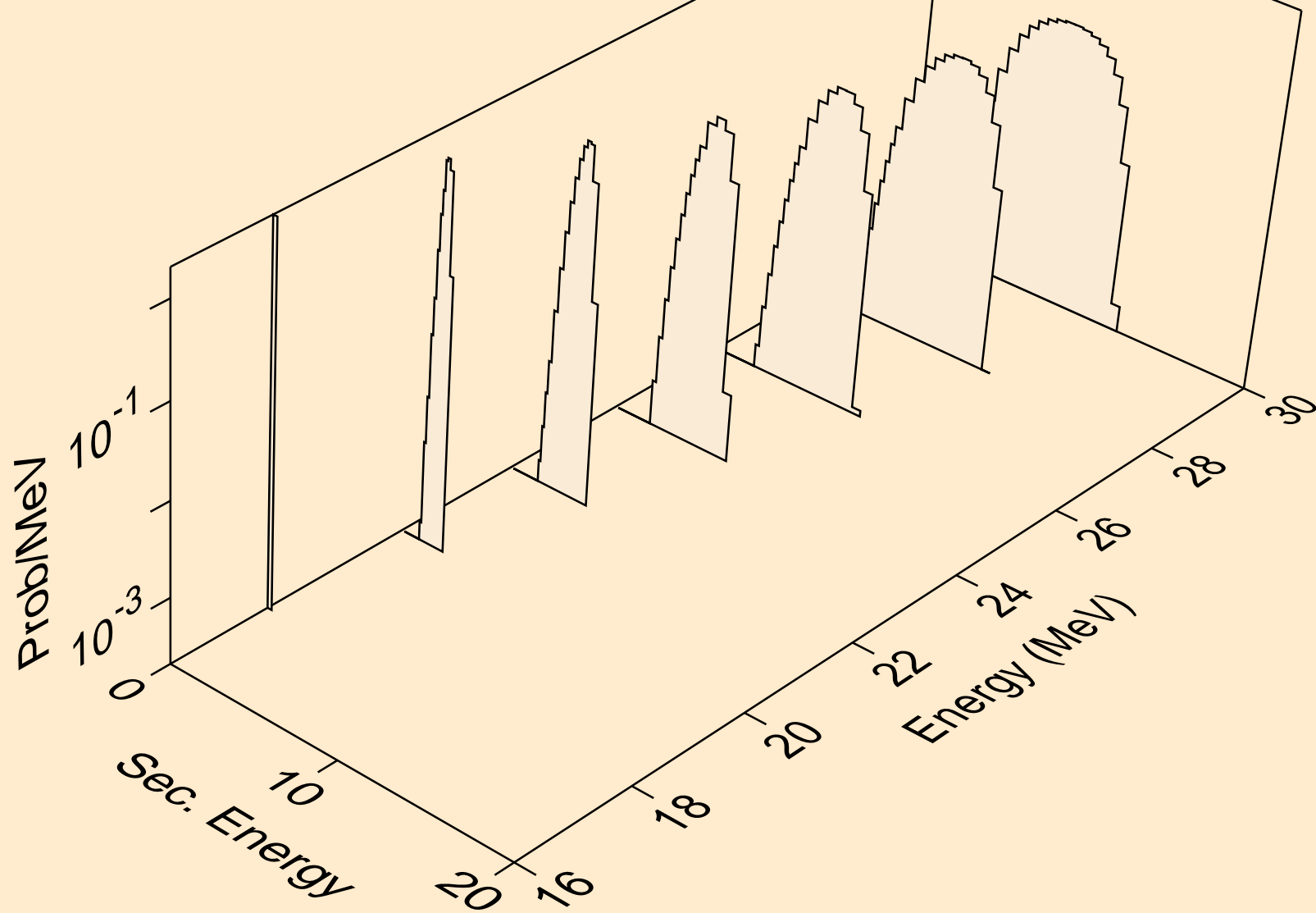
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



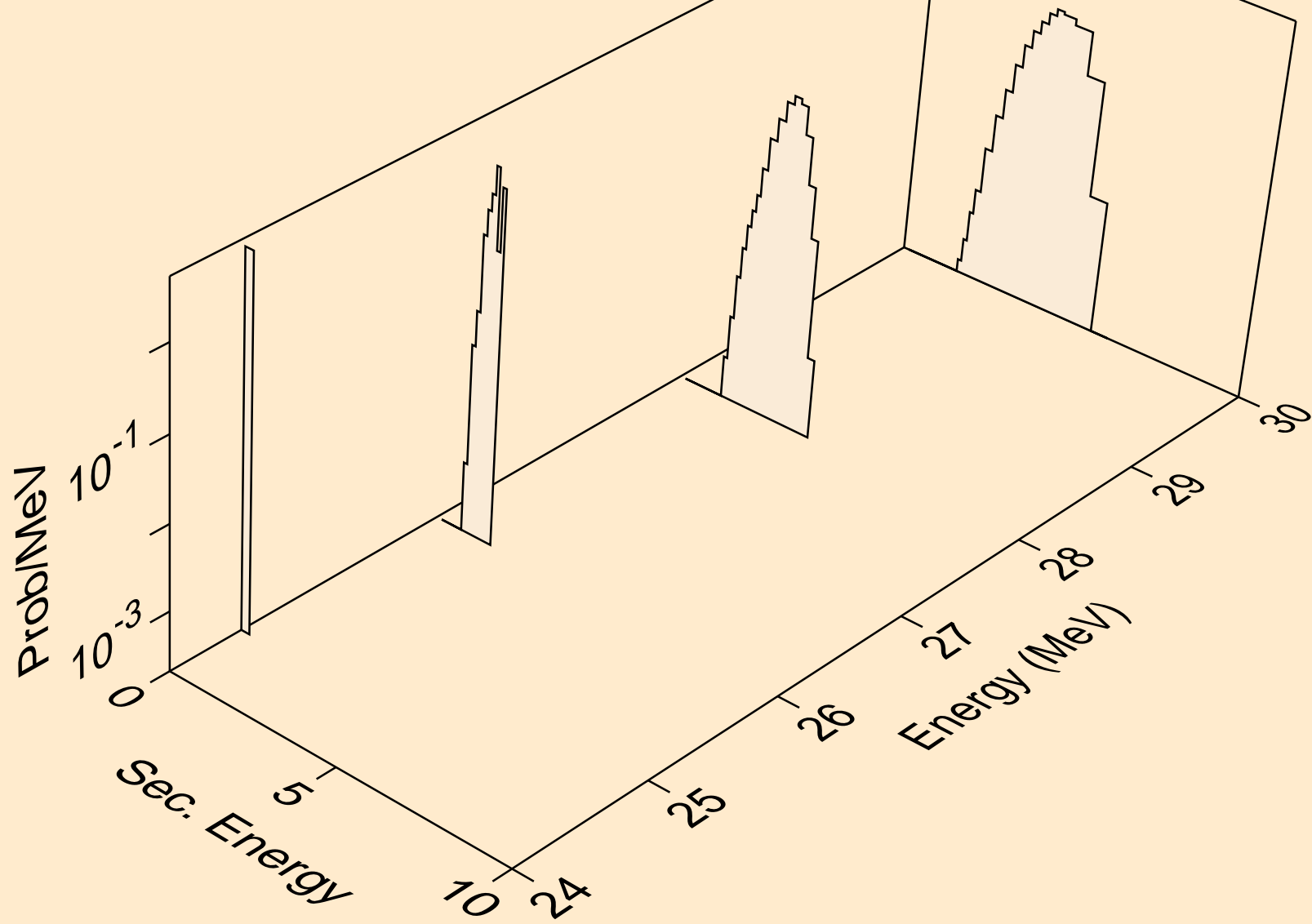
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

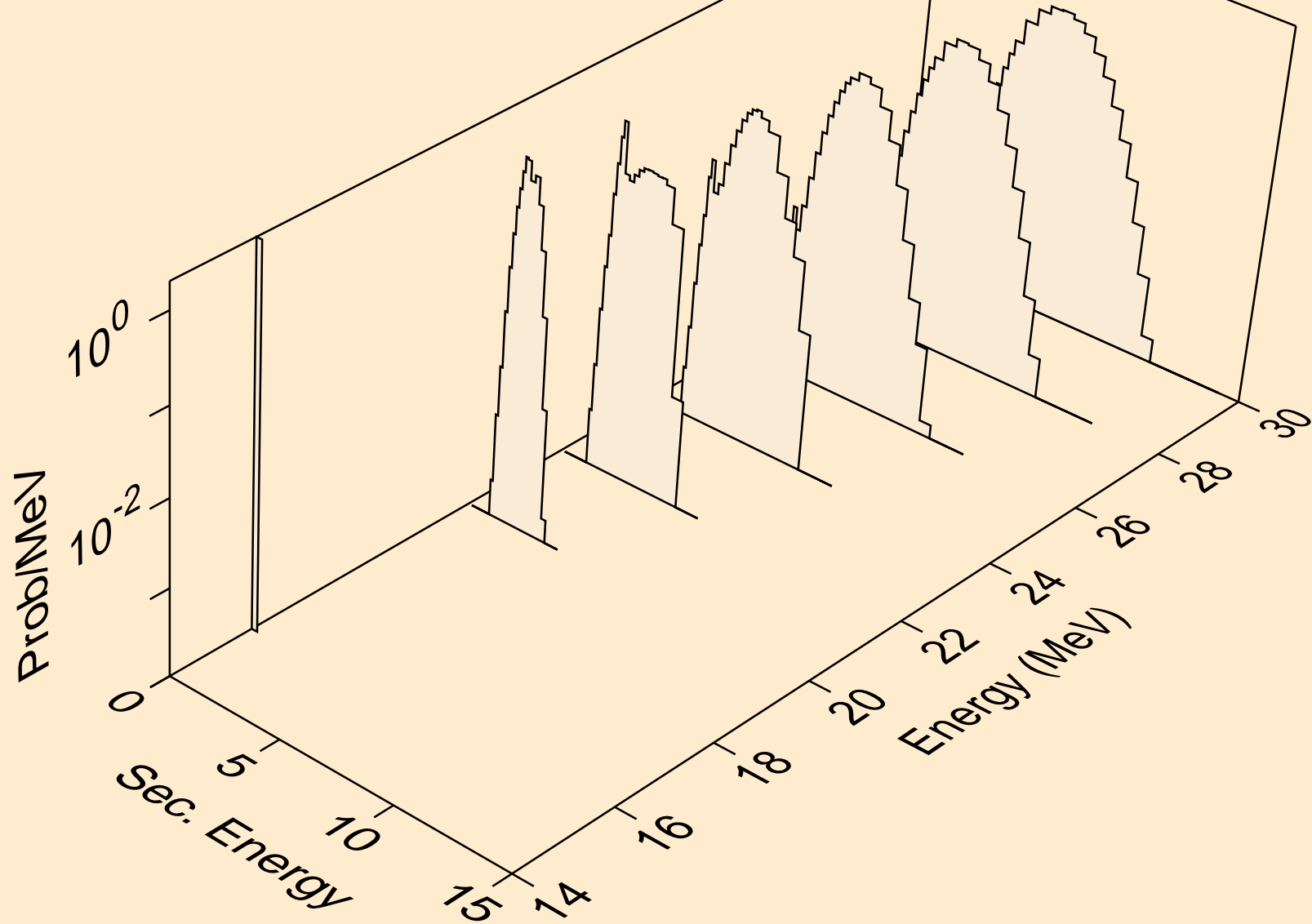


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

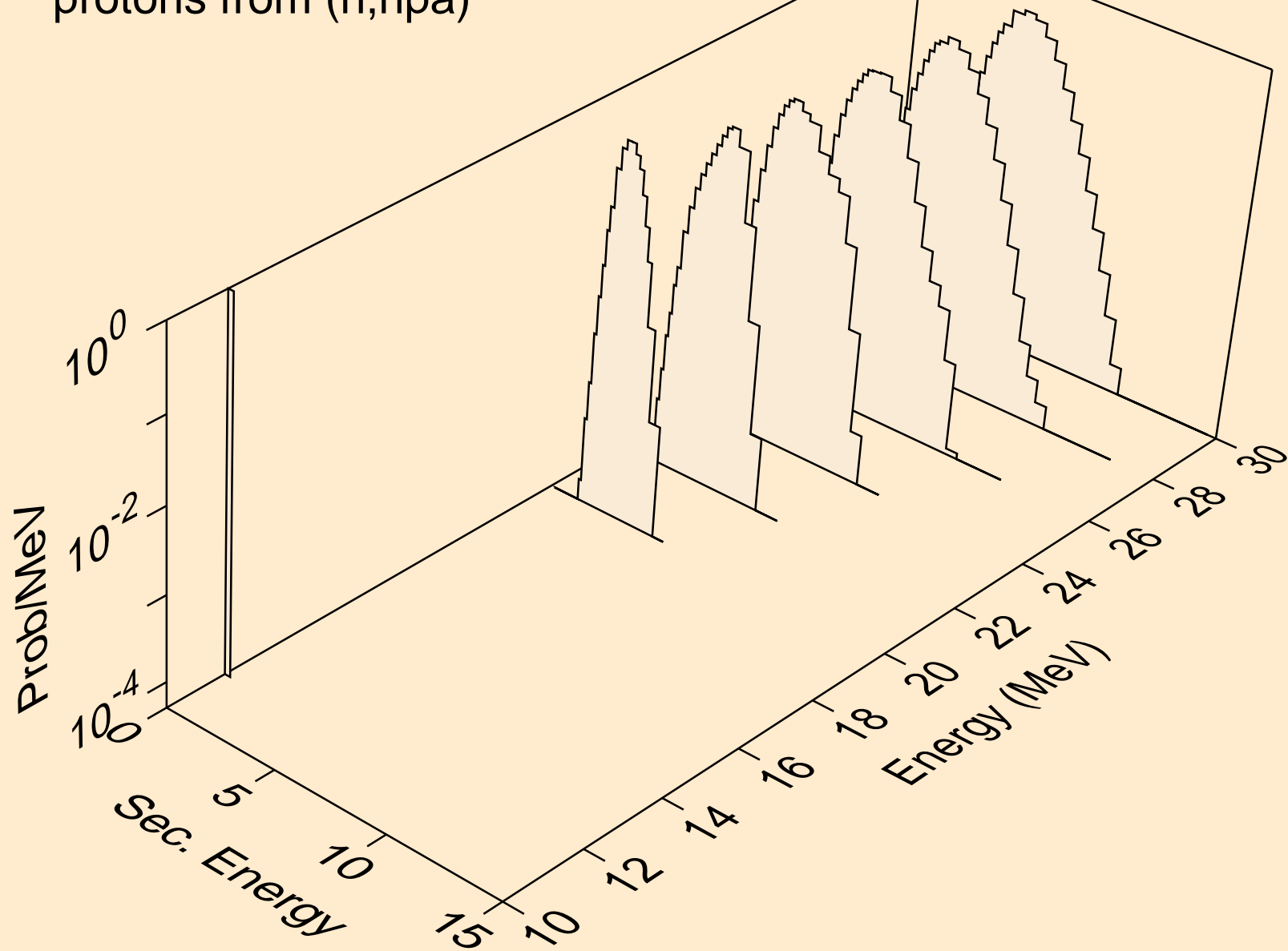




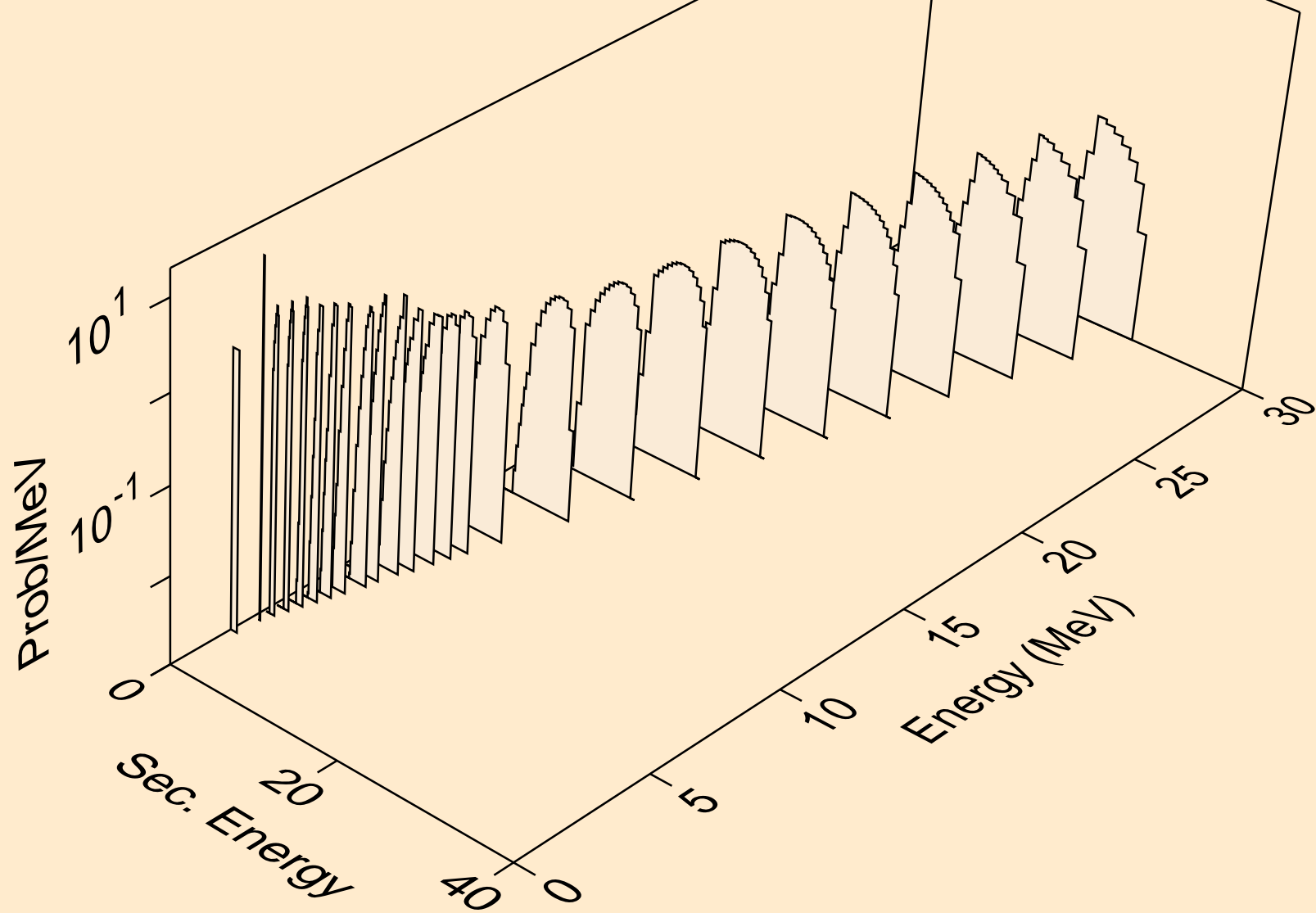
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protons from (n,n2p)



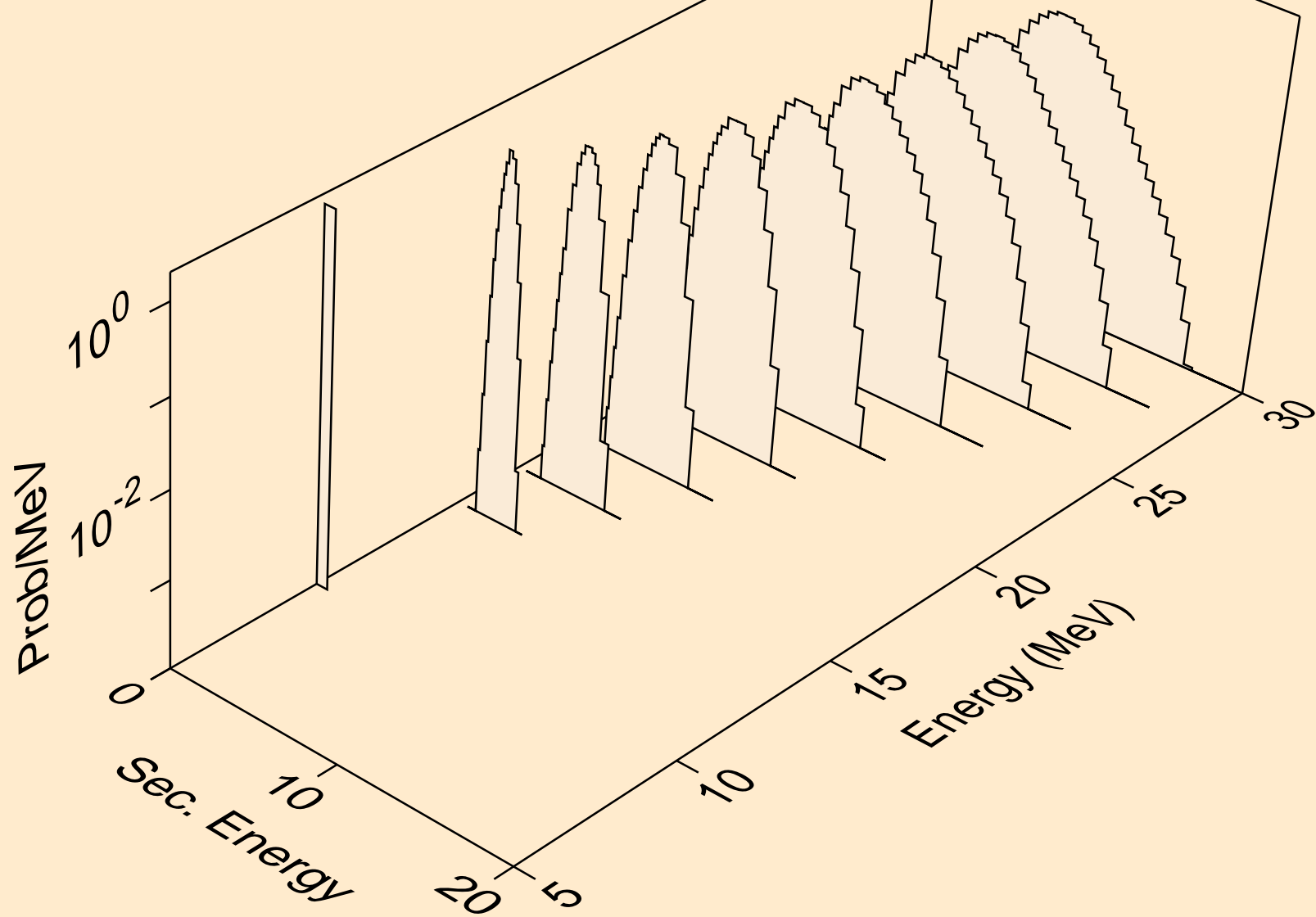
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protons from (n,npa)



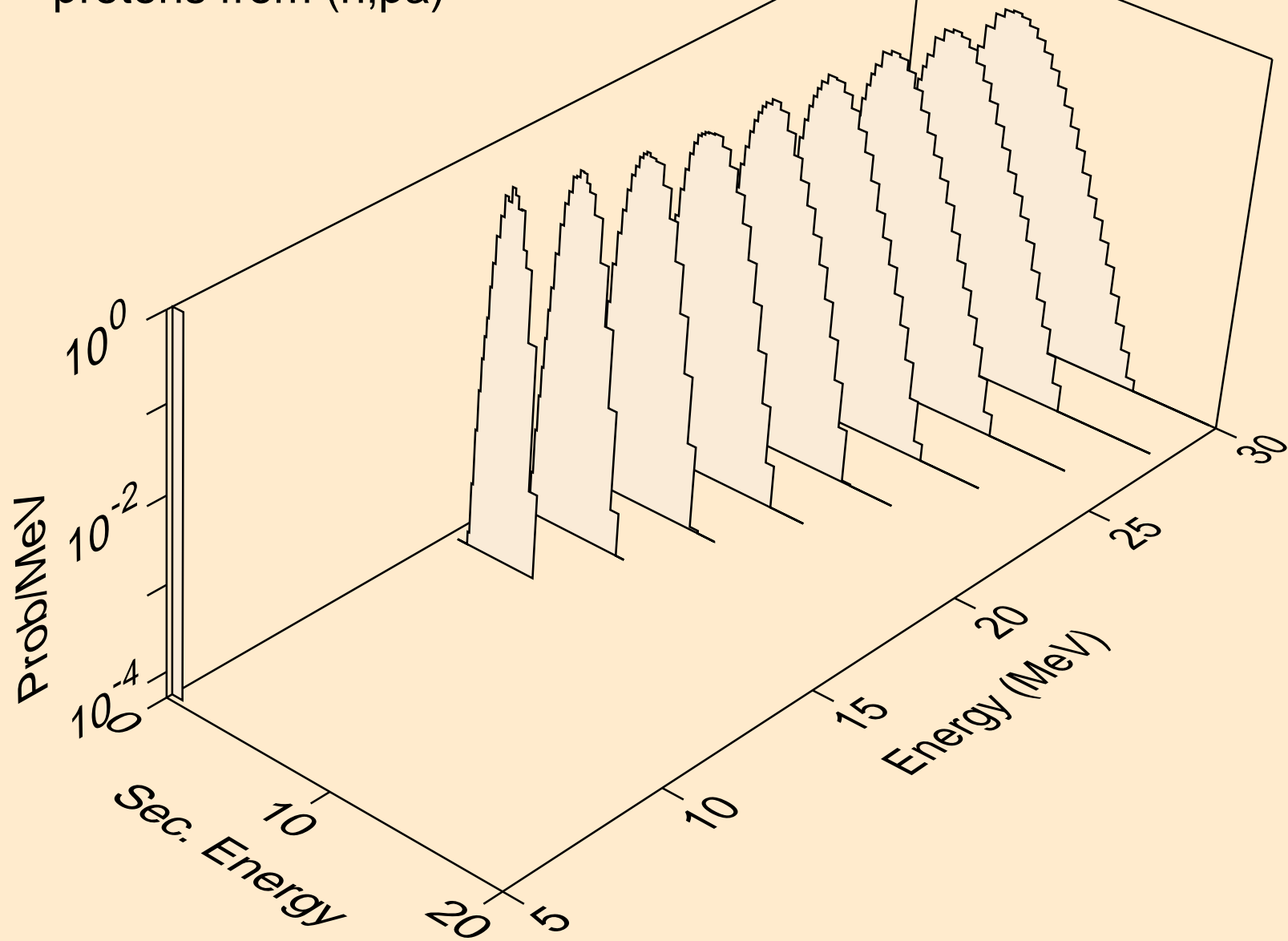
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protons from (n,p)



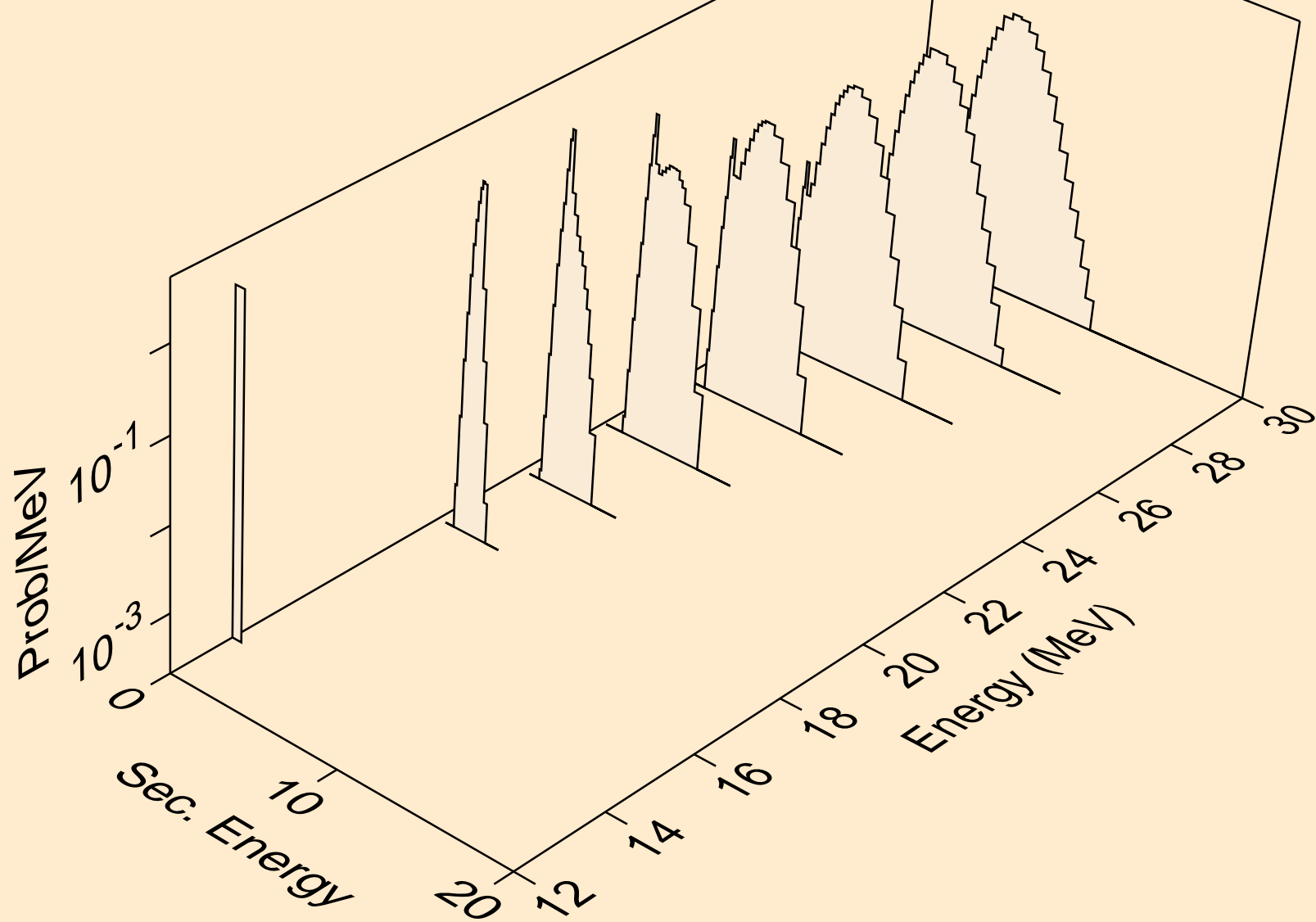
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protons from (n,2p)



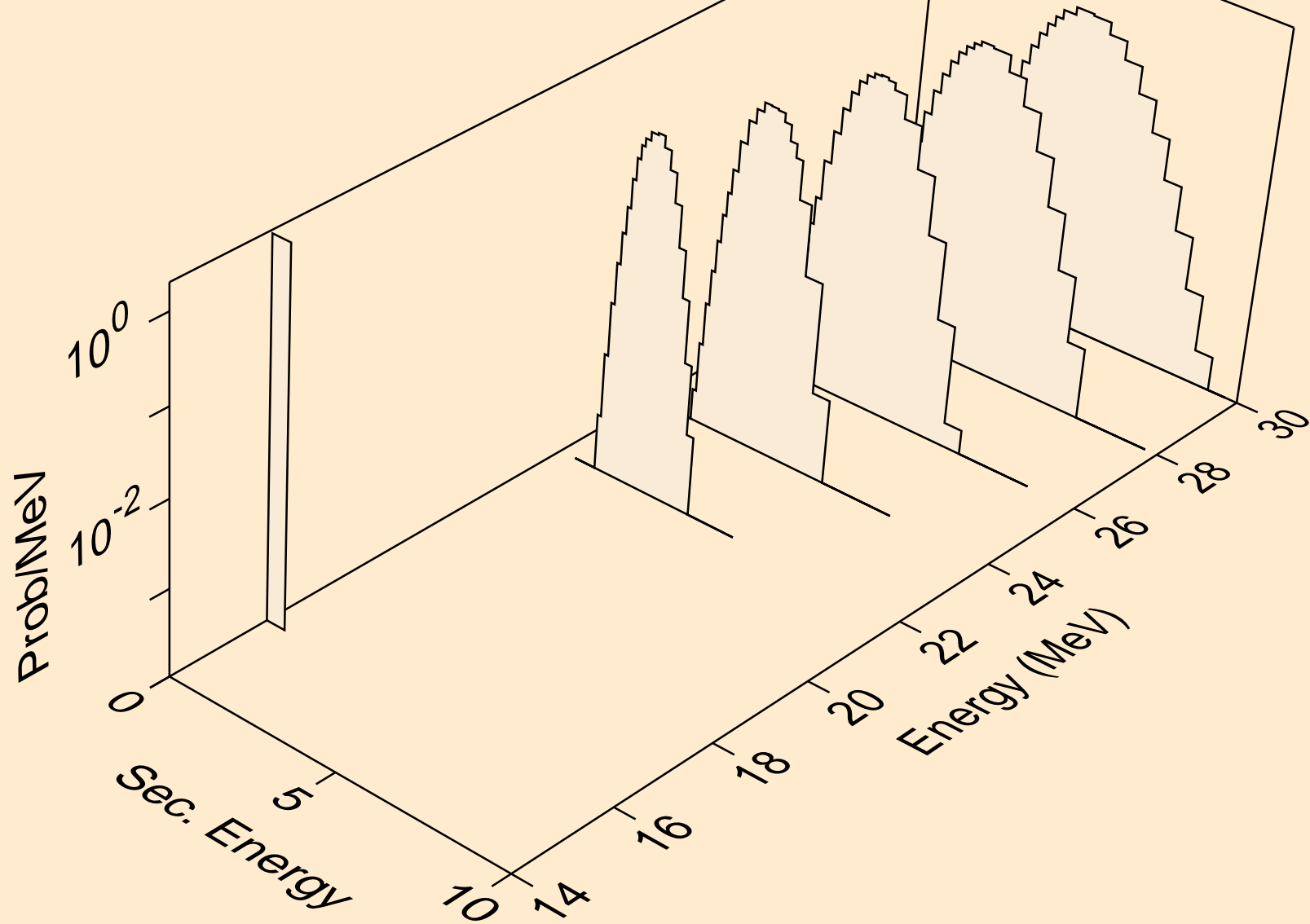
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protons from (n,p)



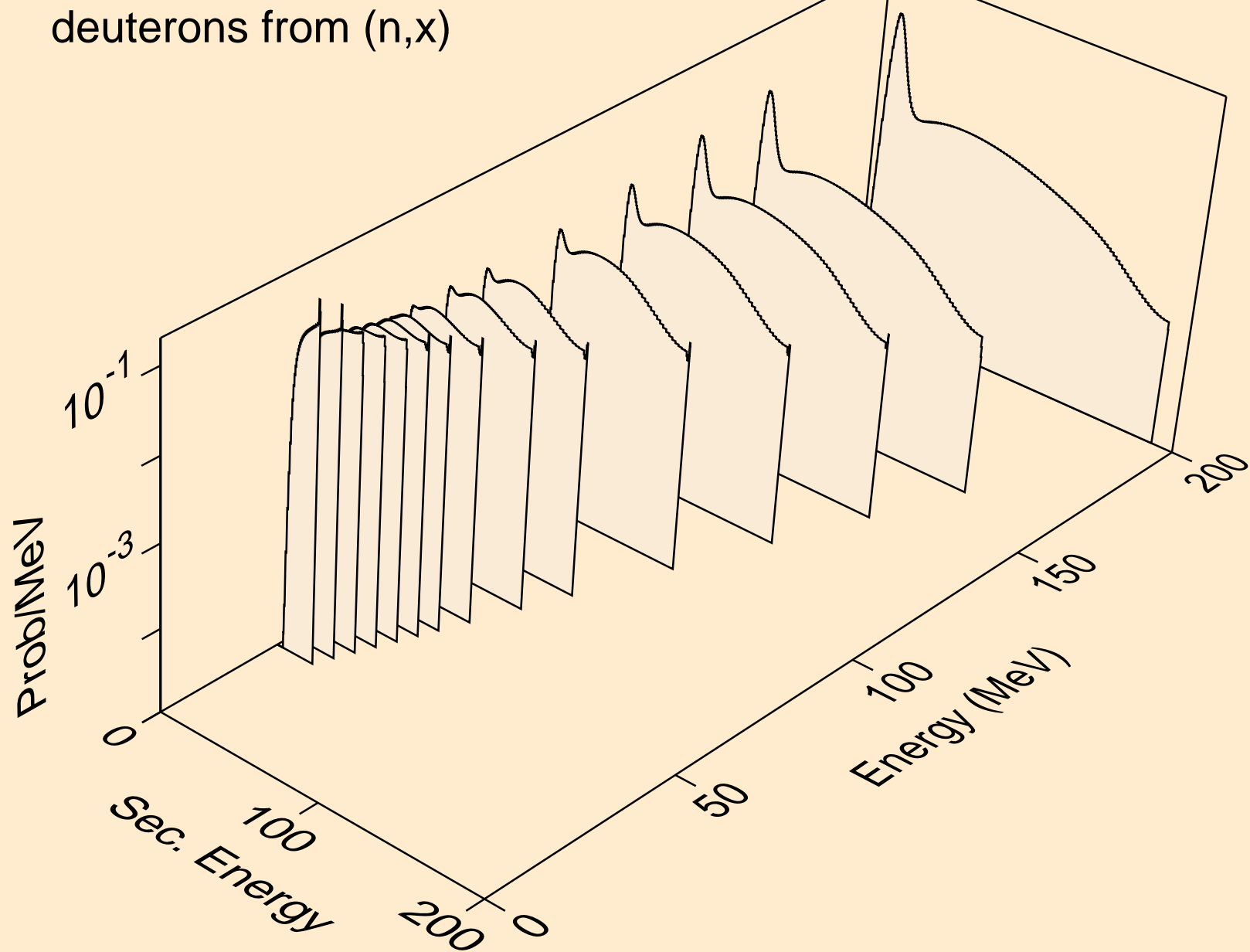
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

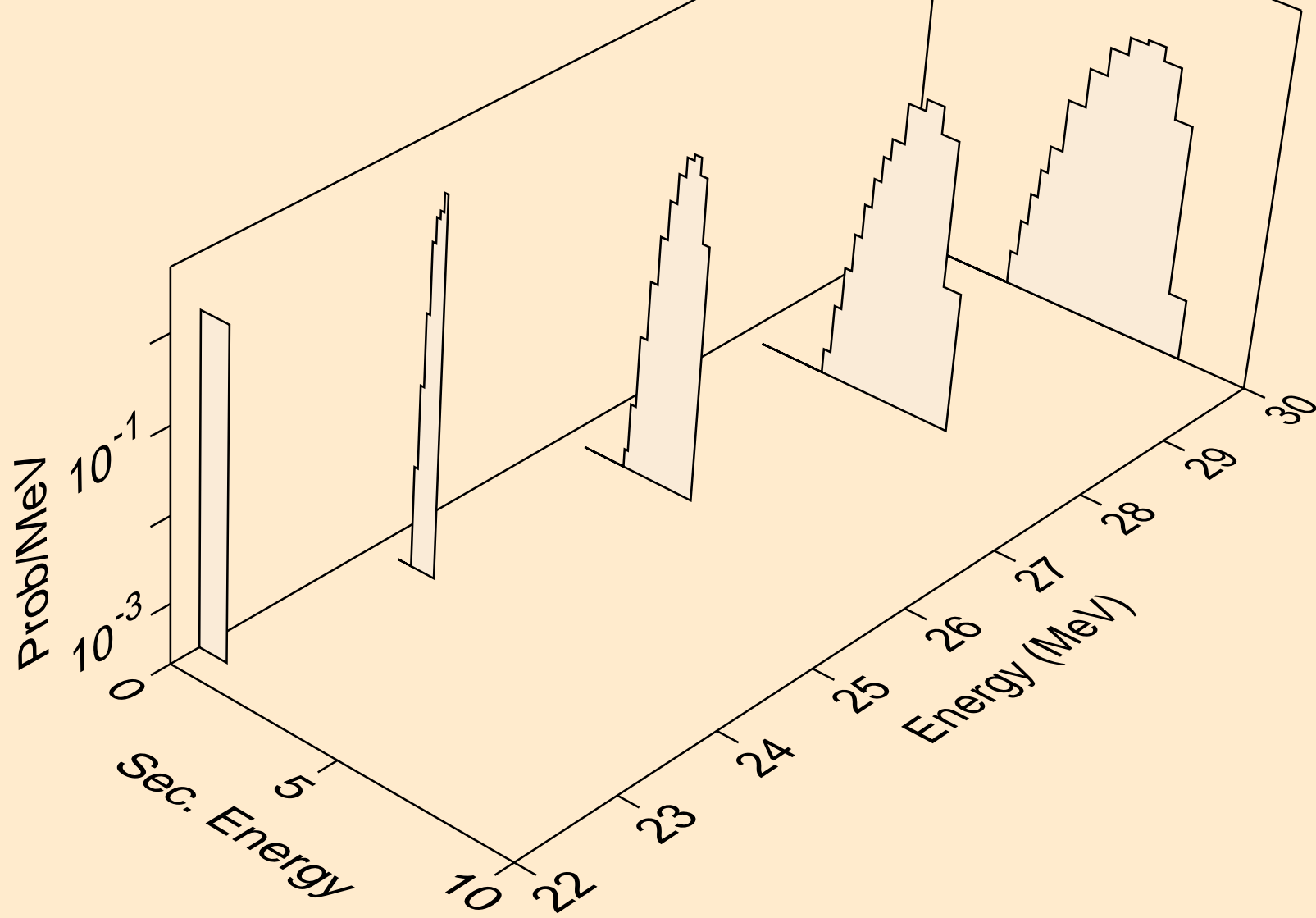


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deuterons from (n,x)

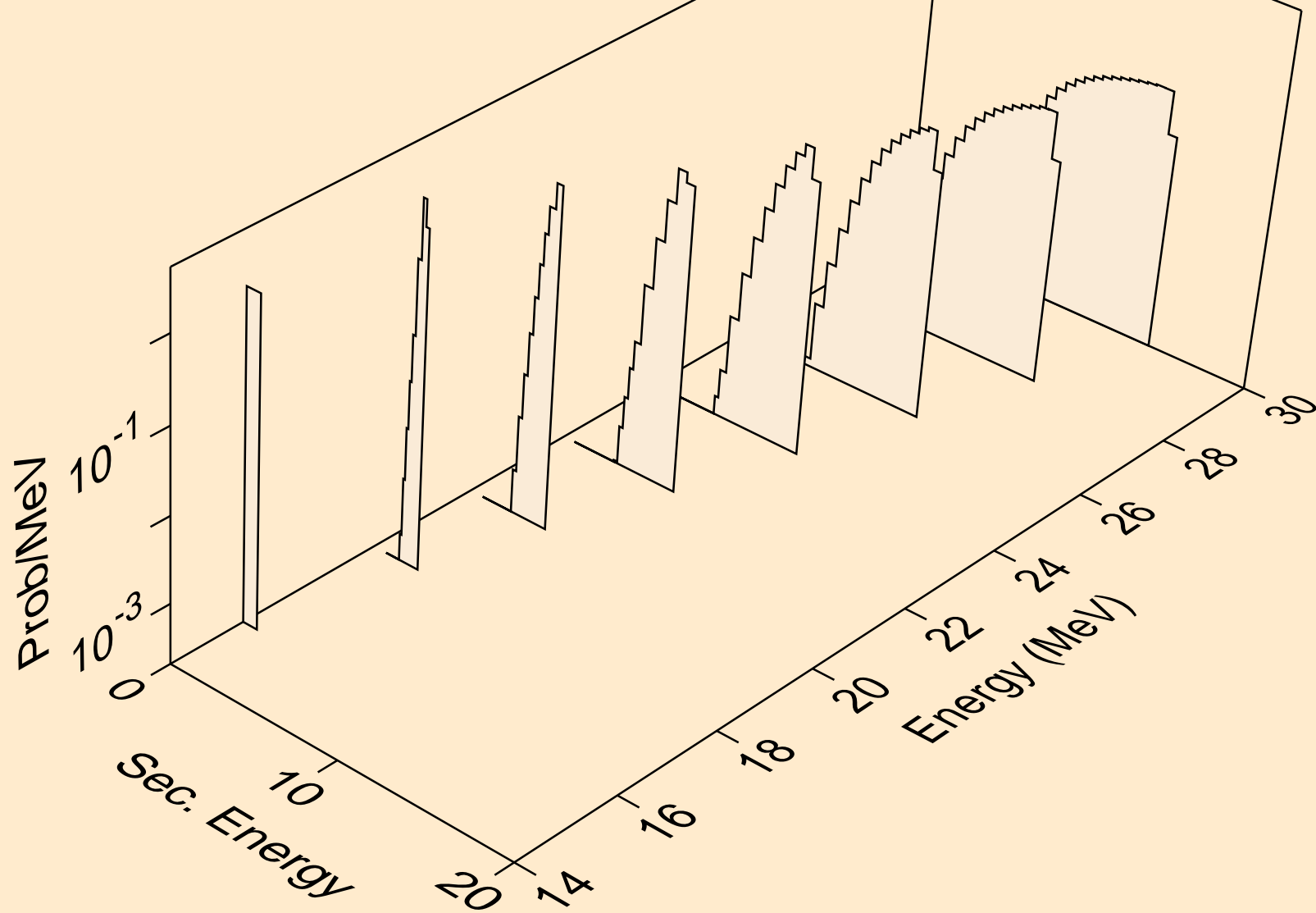




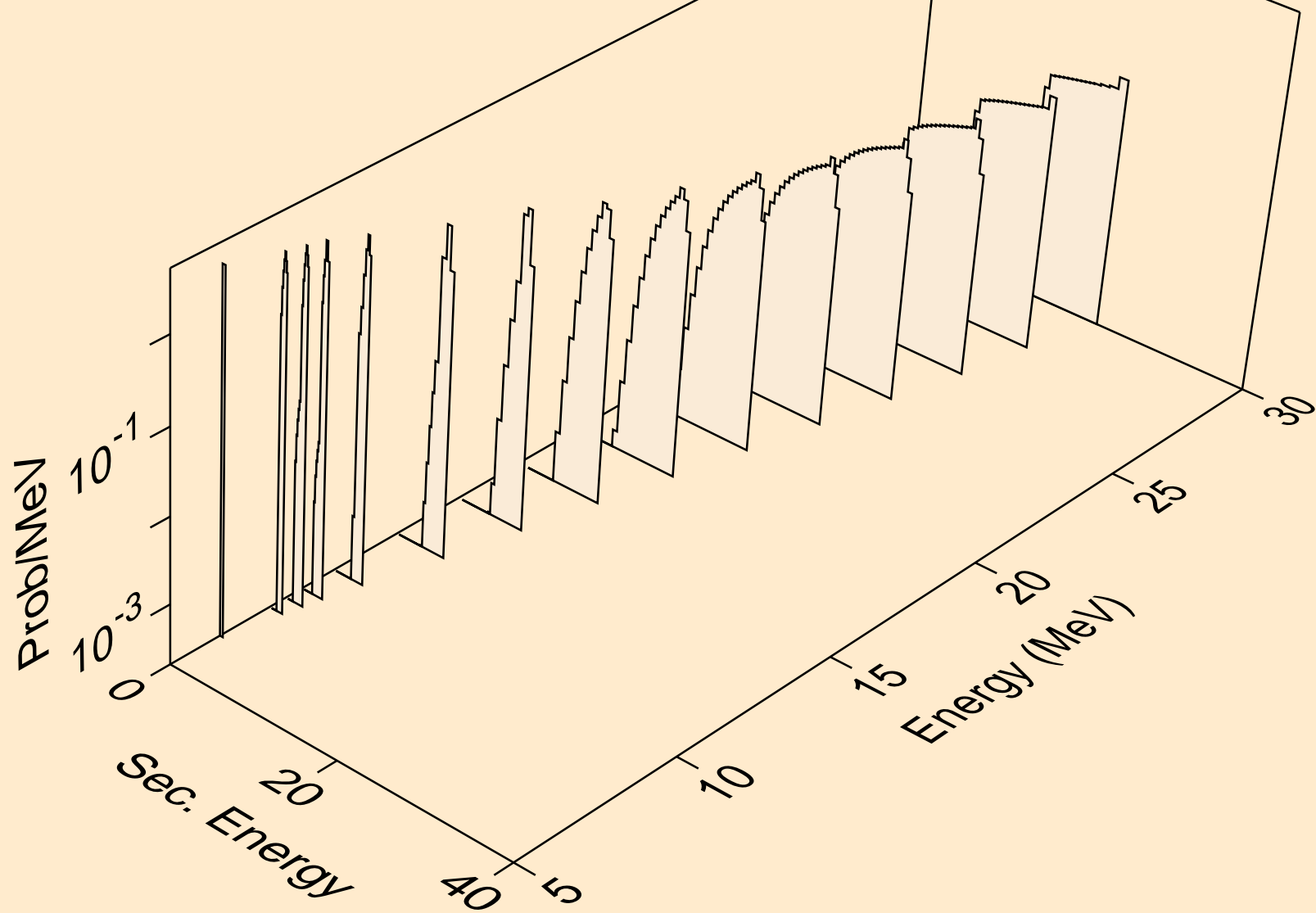
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



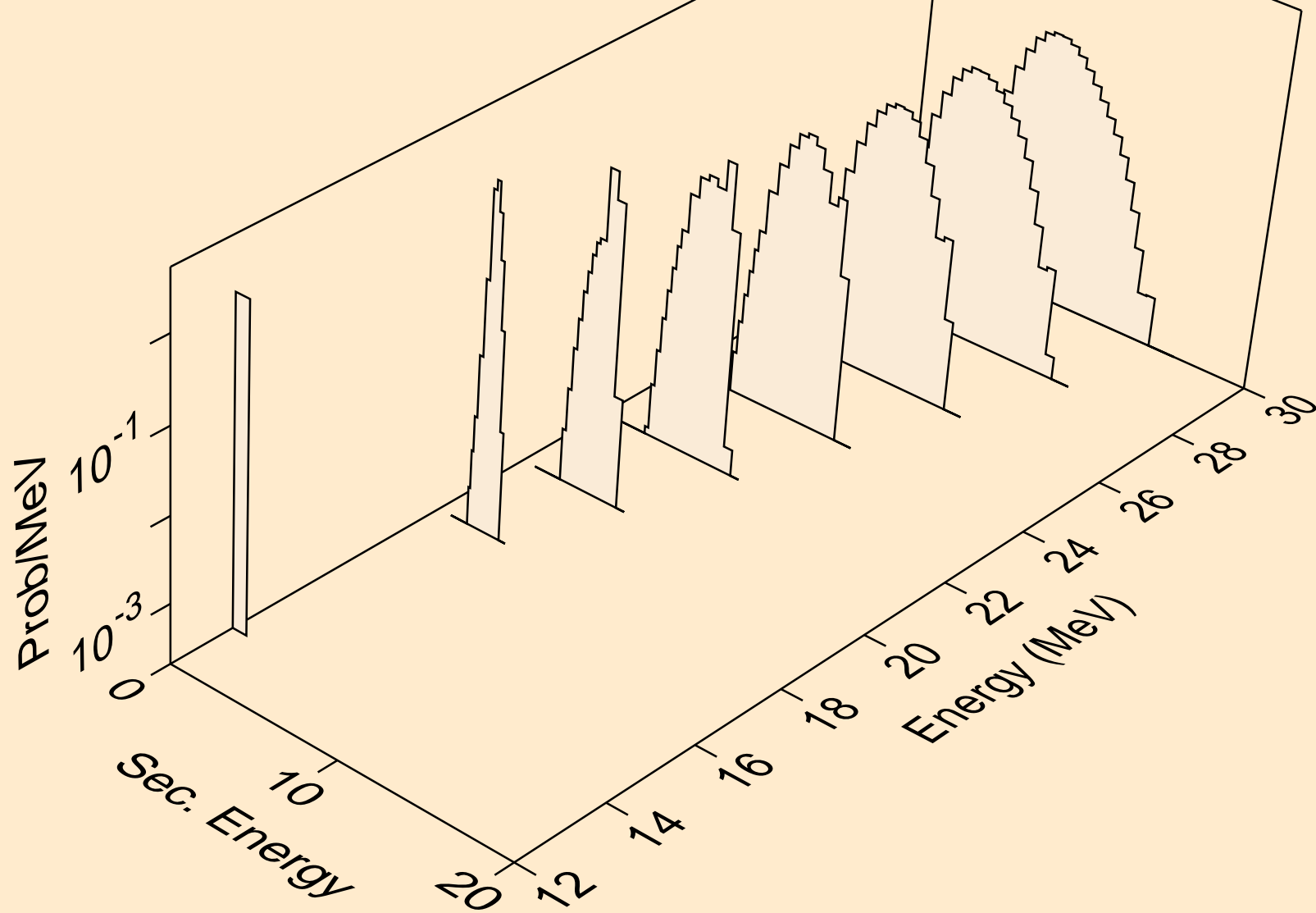
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



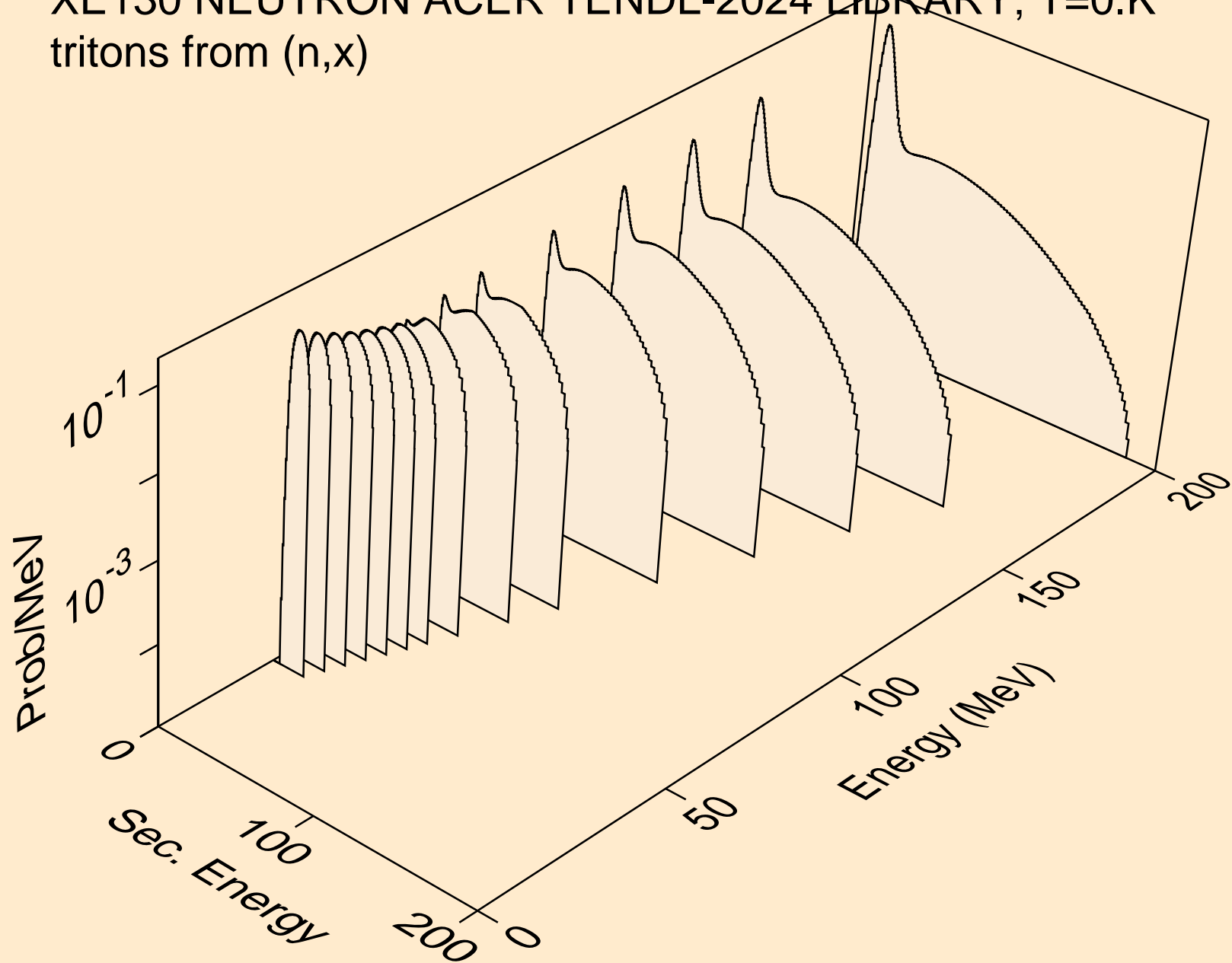
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deuterons from (n,d)



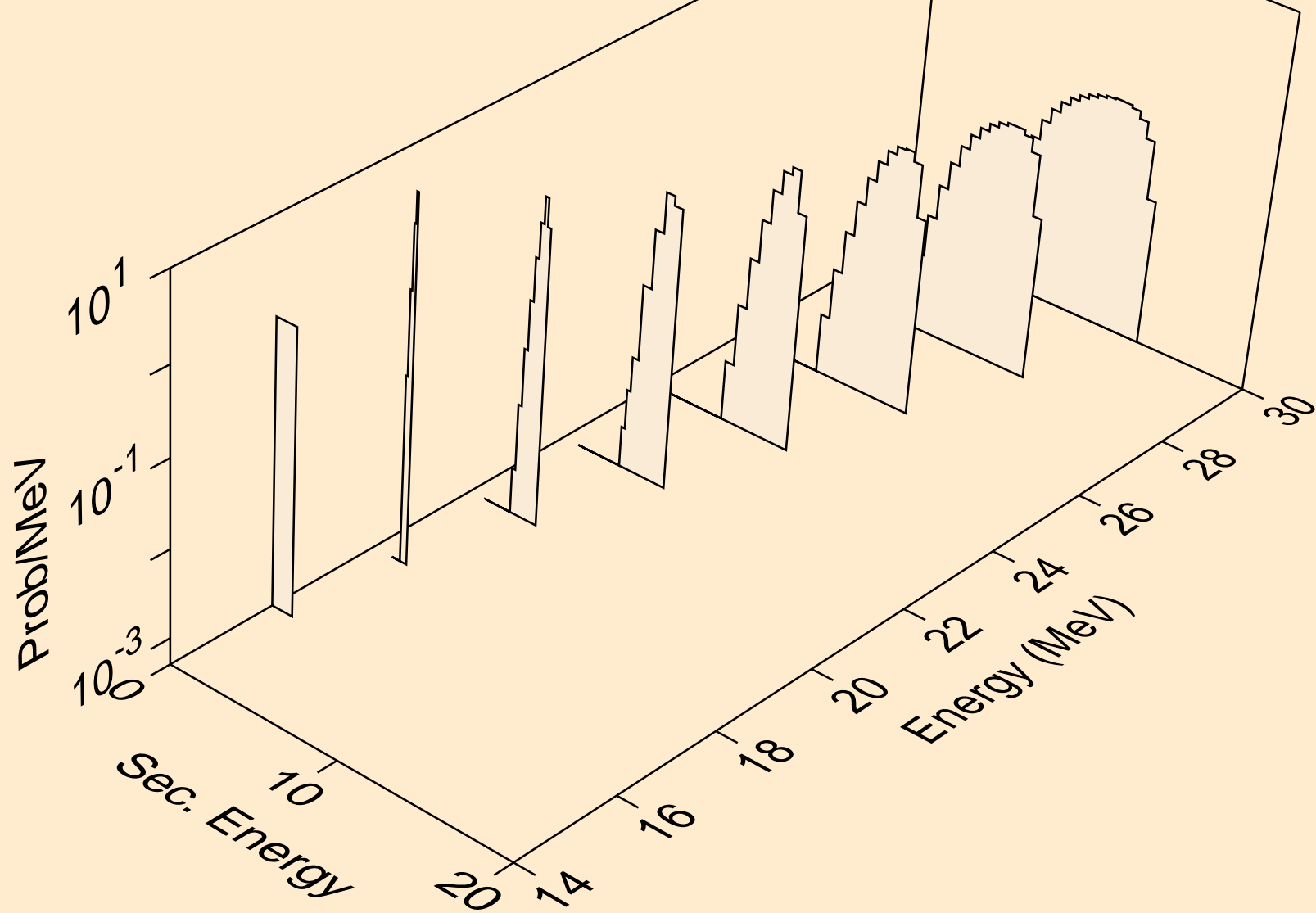
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



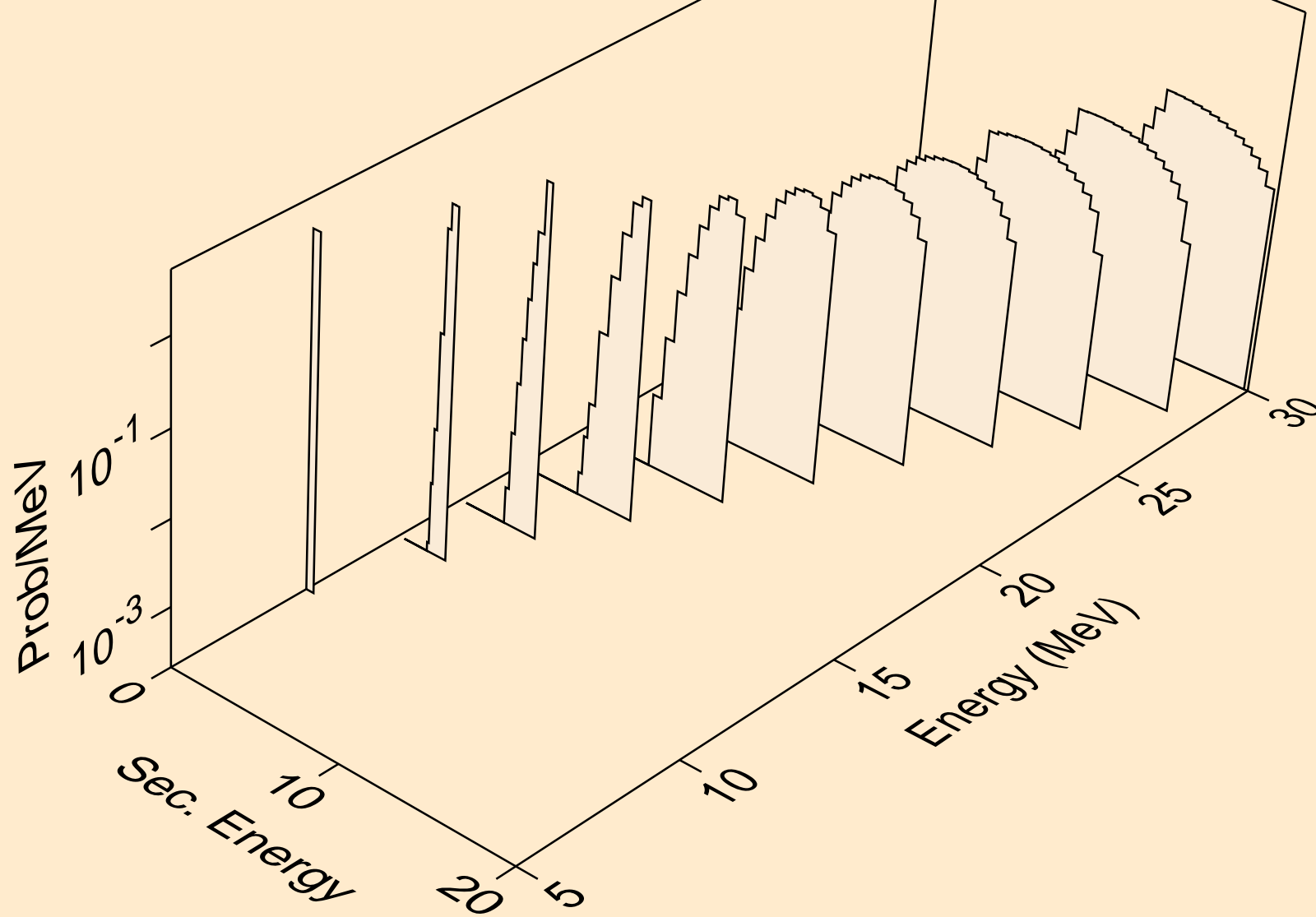
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



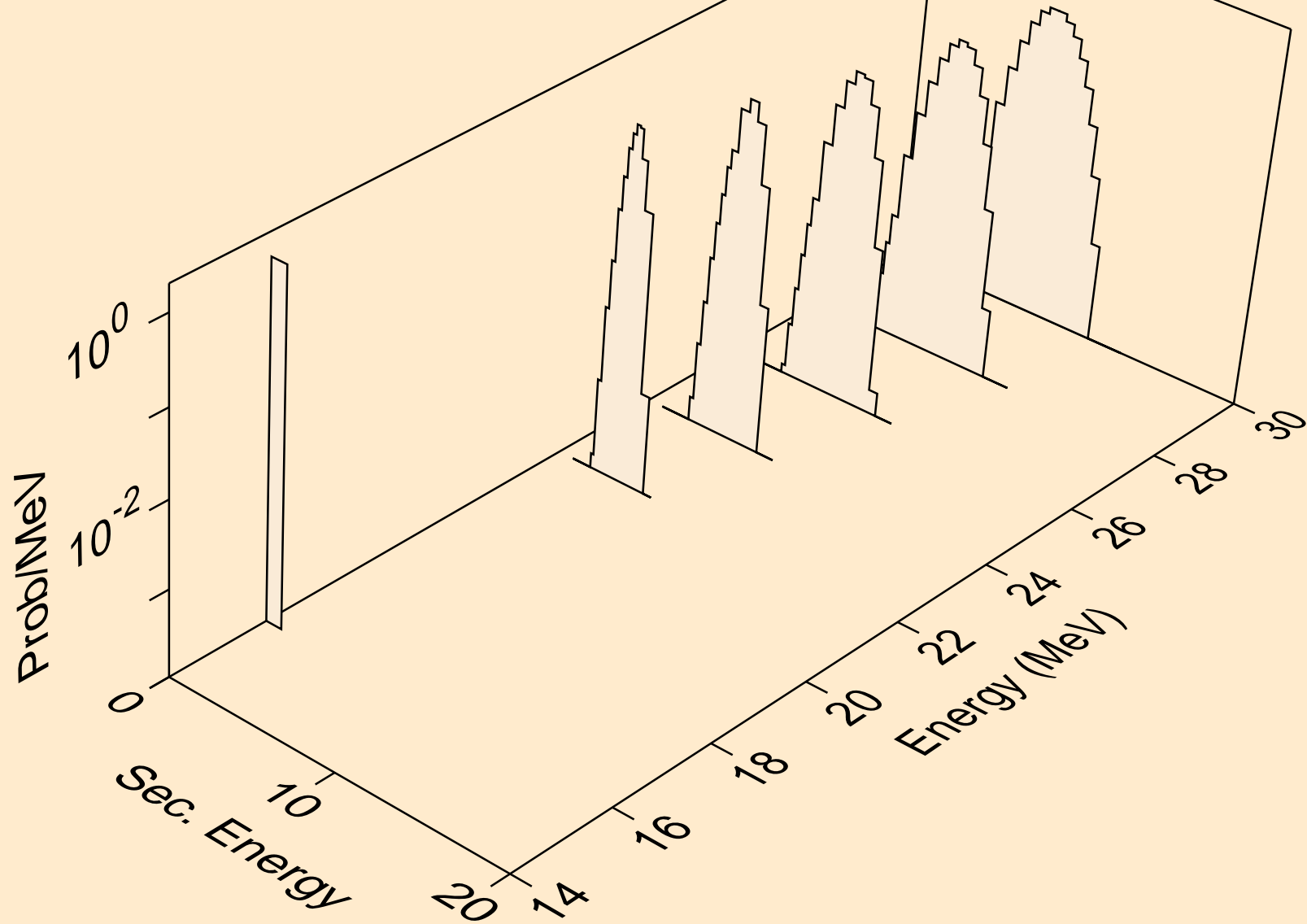
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

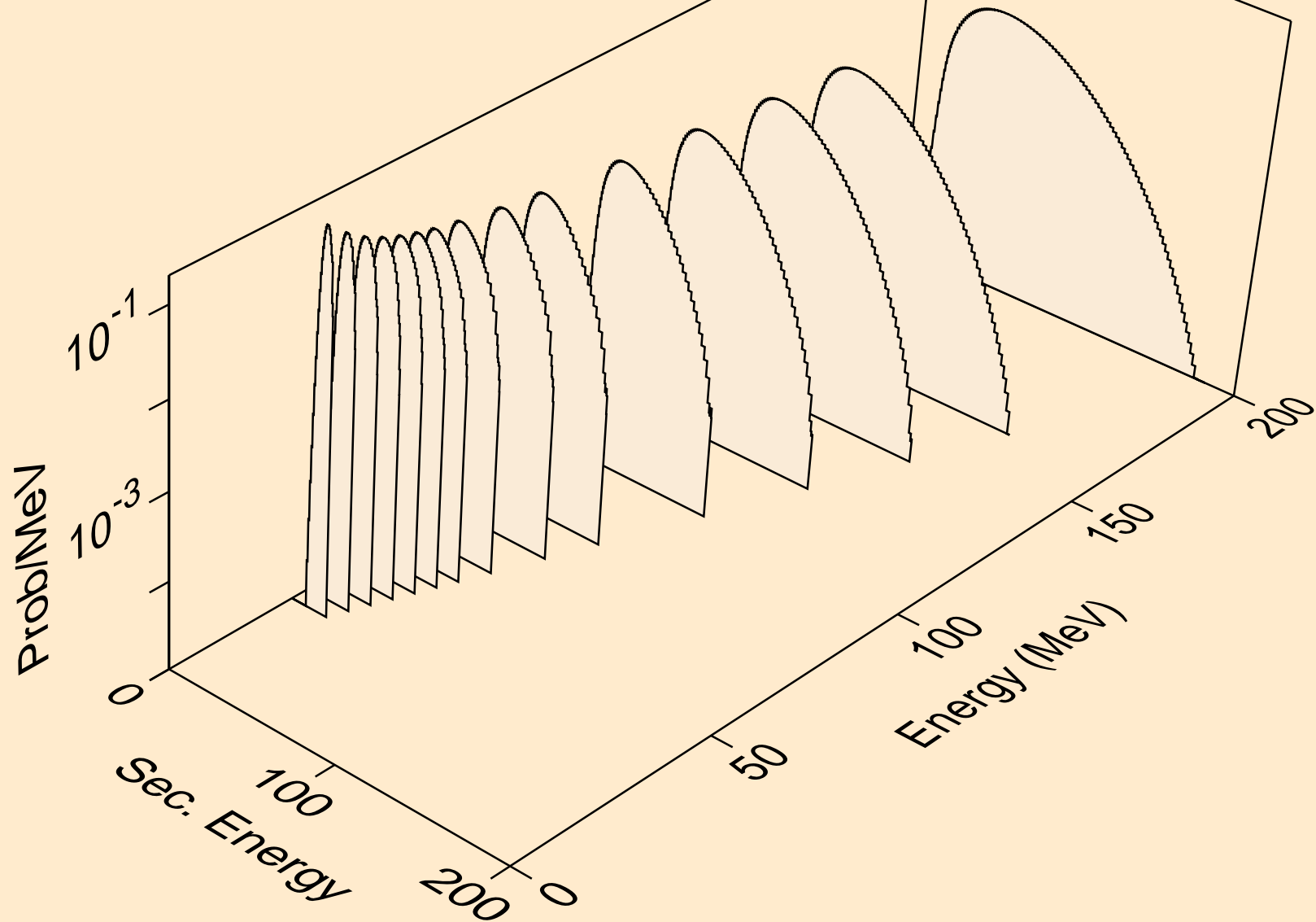


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

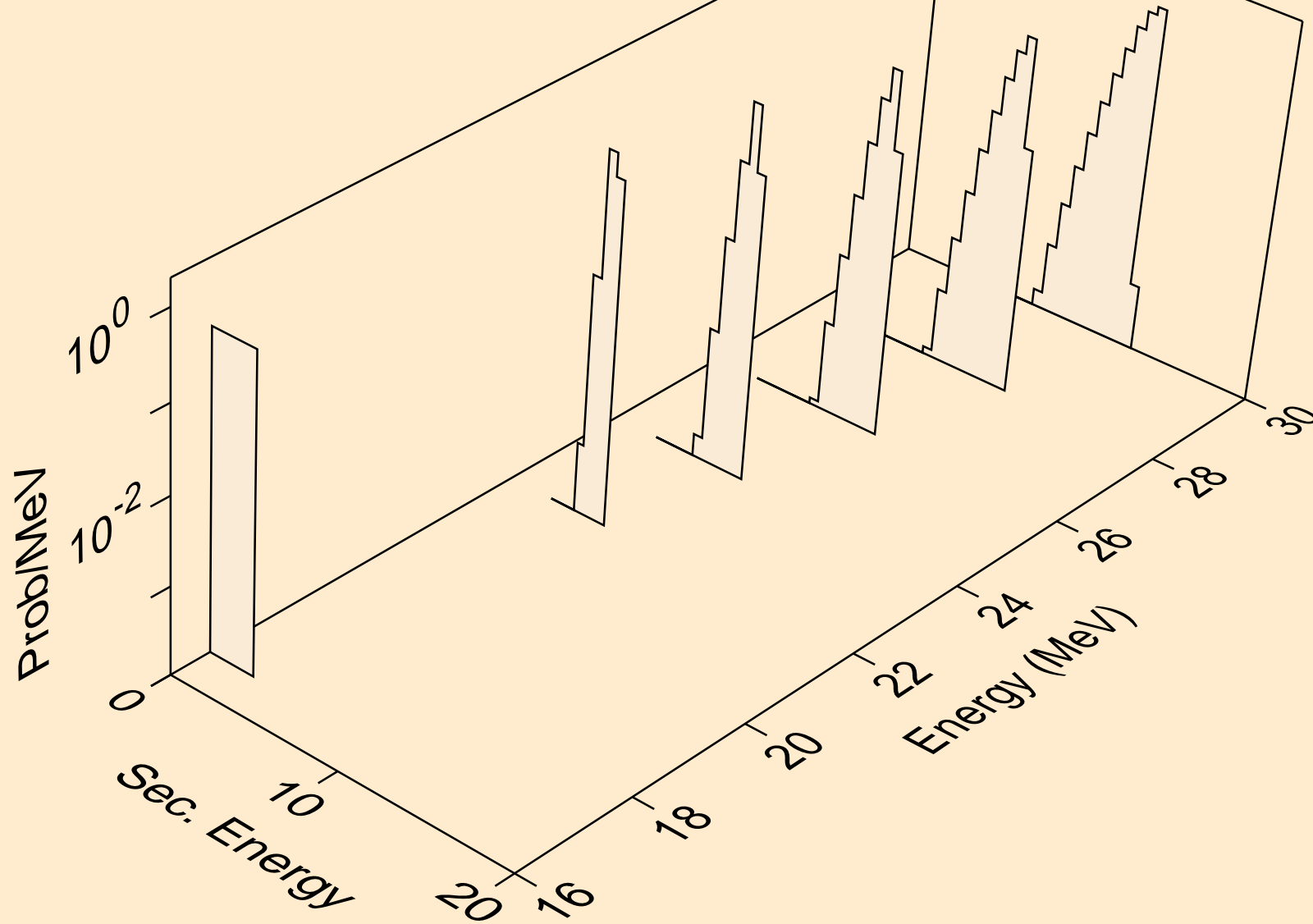




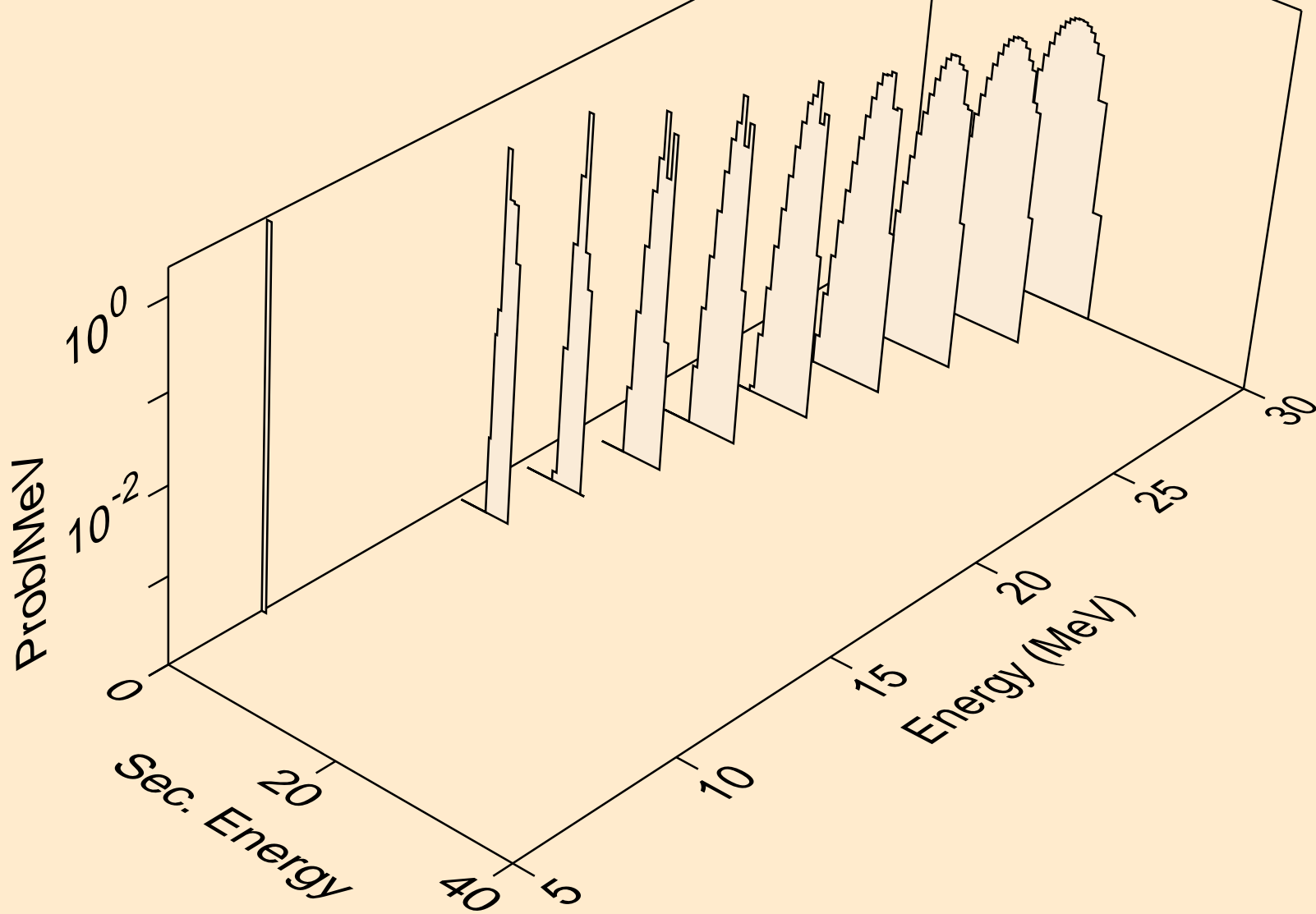
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



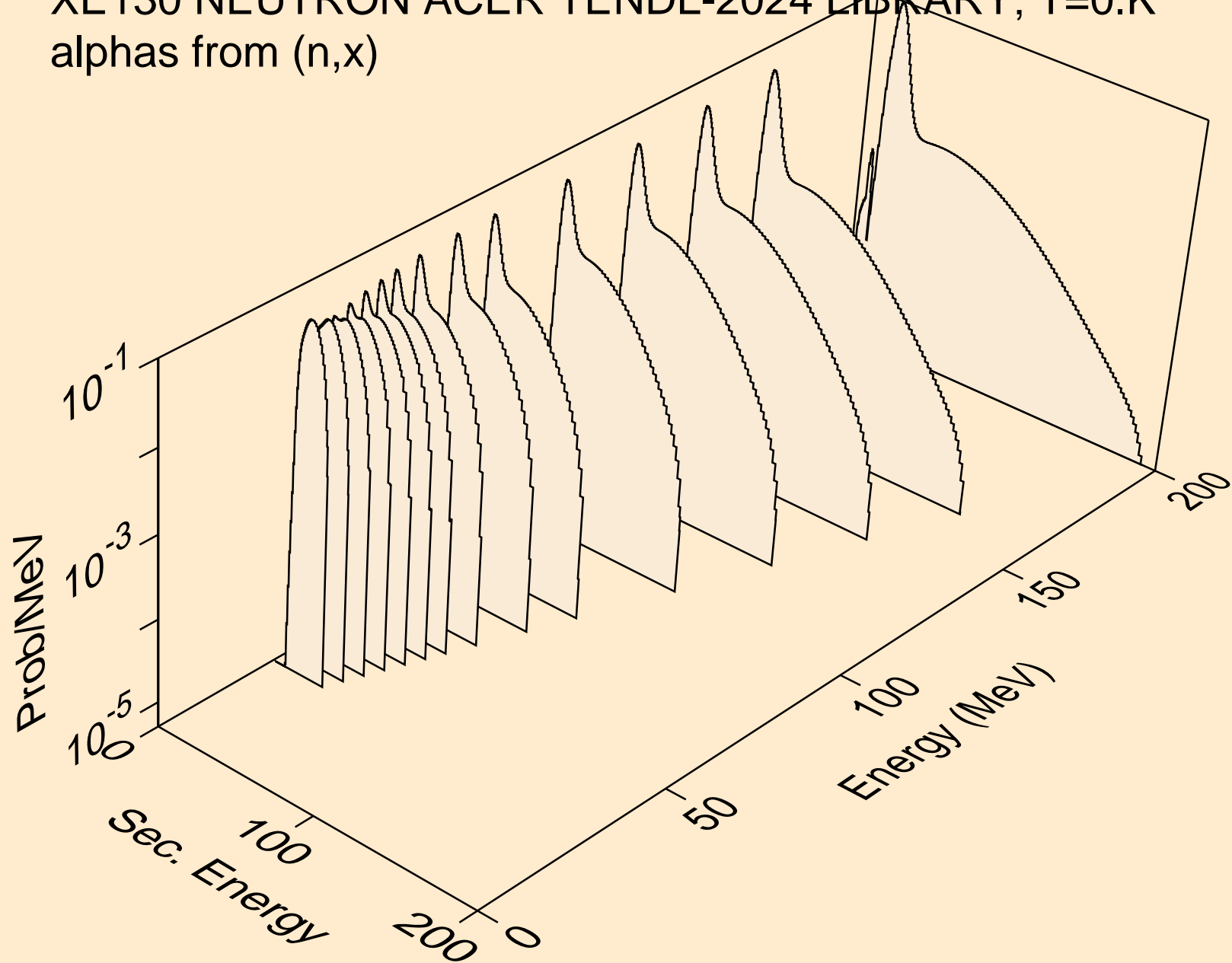
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



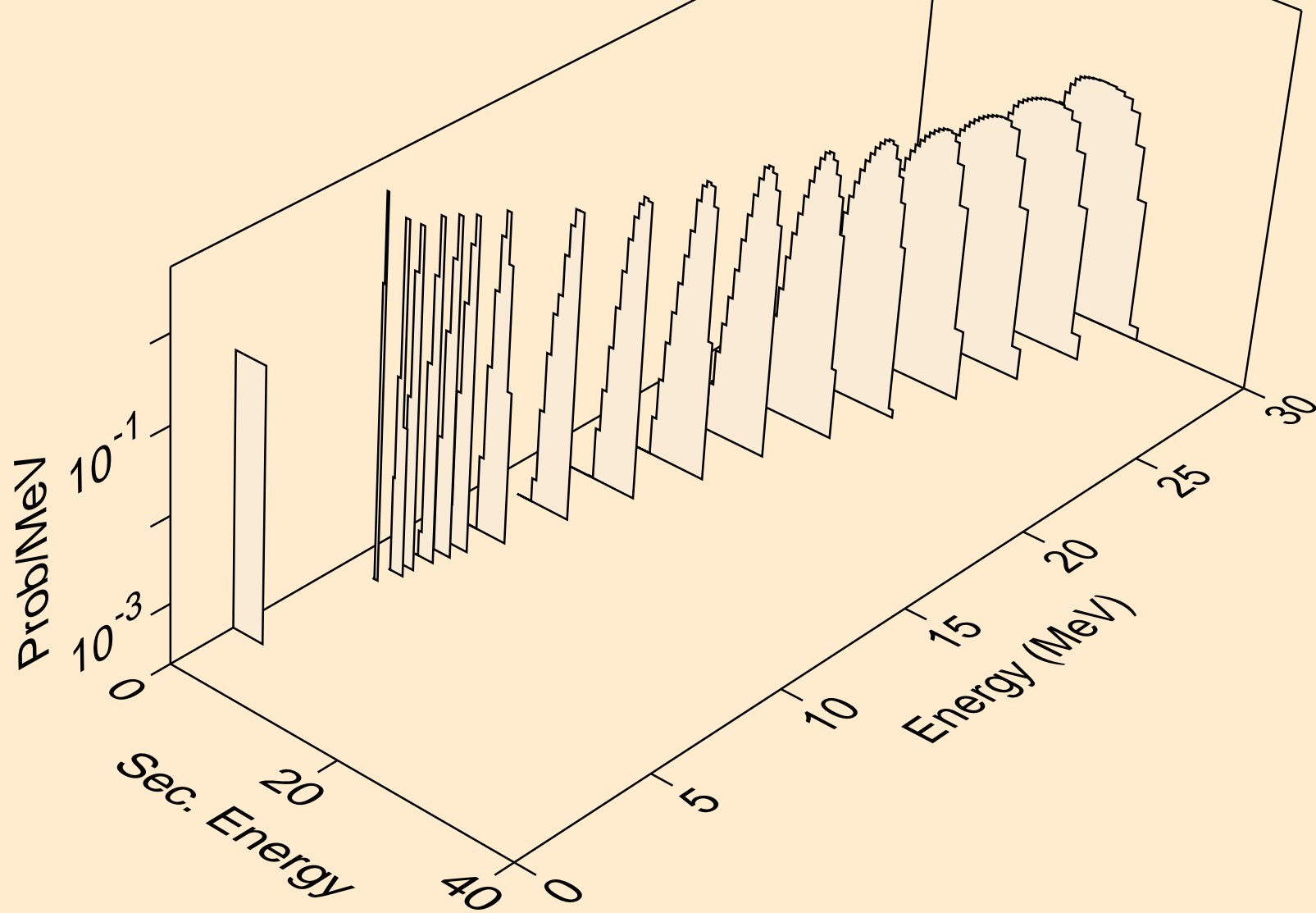
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



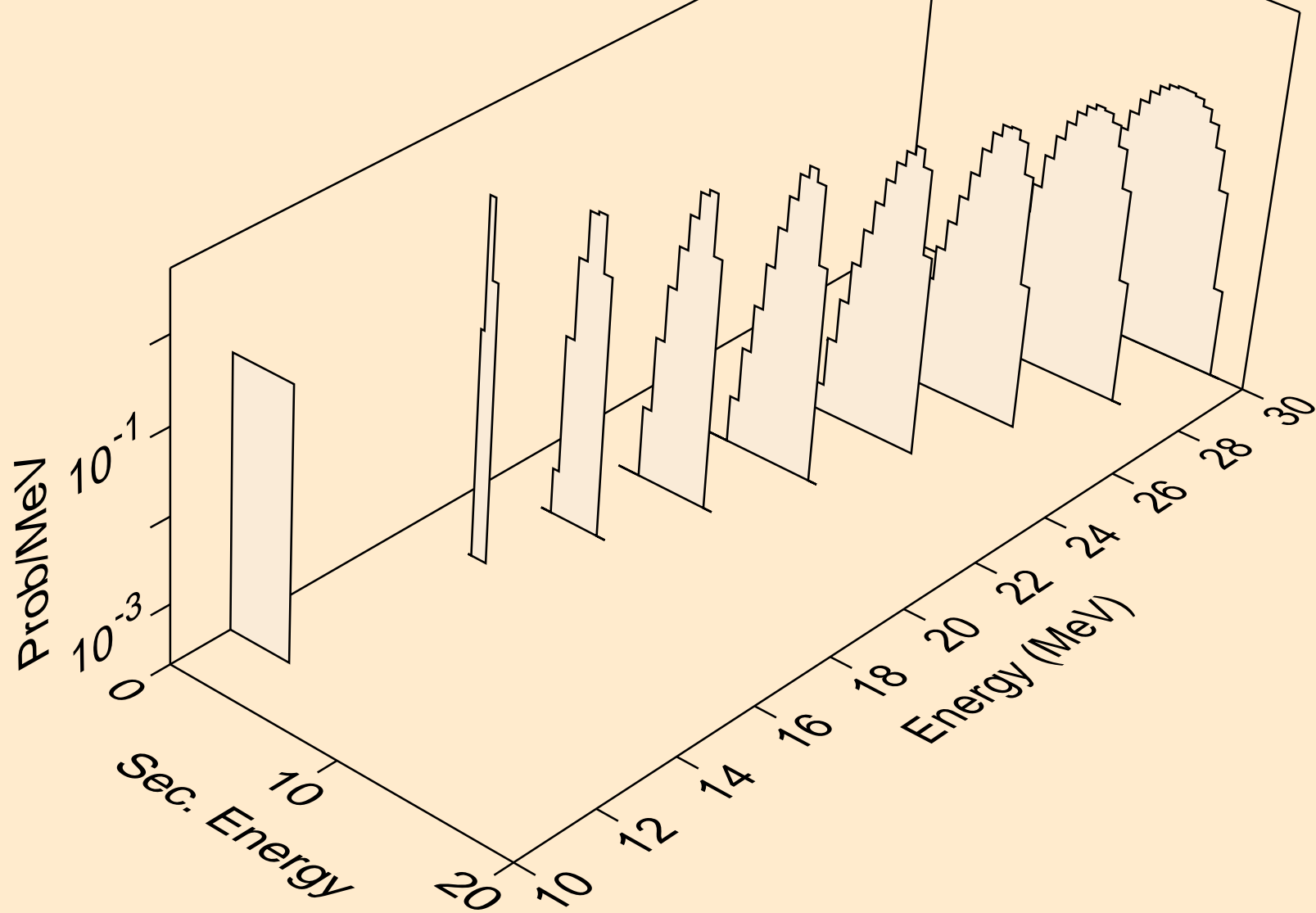
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



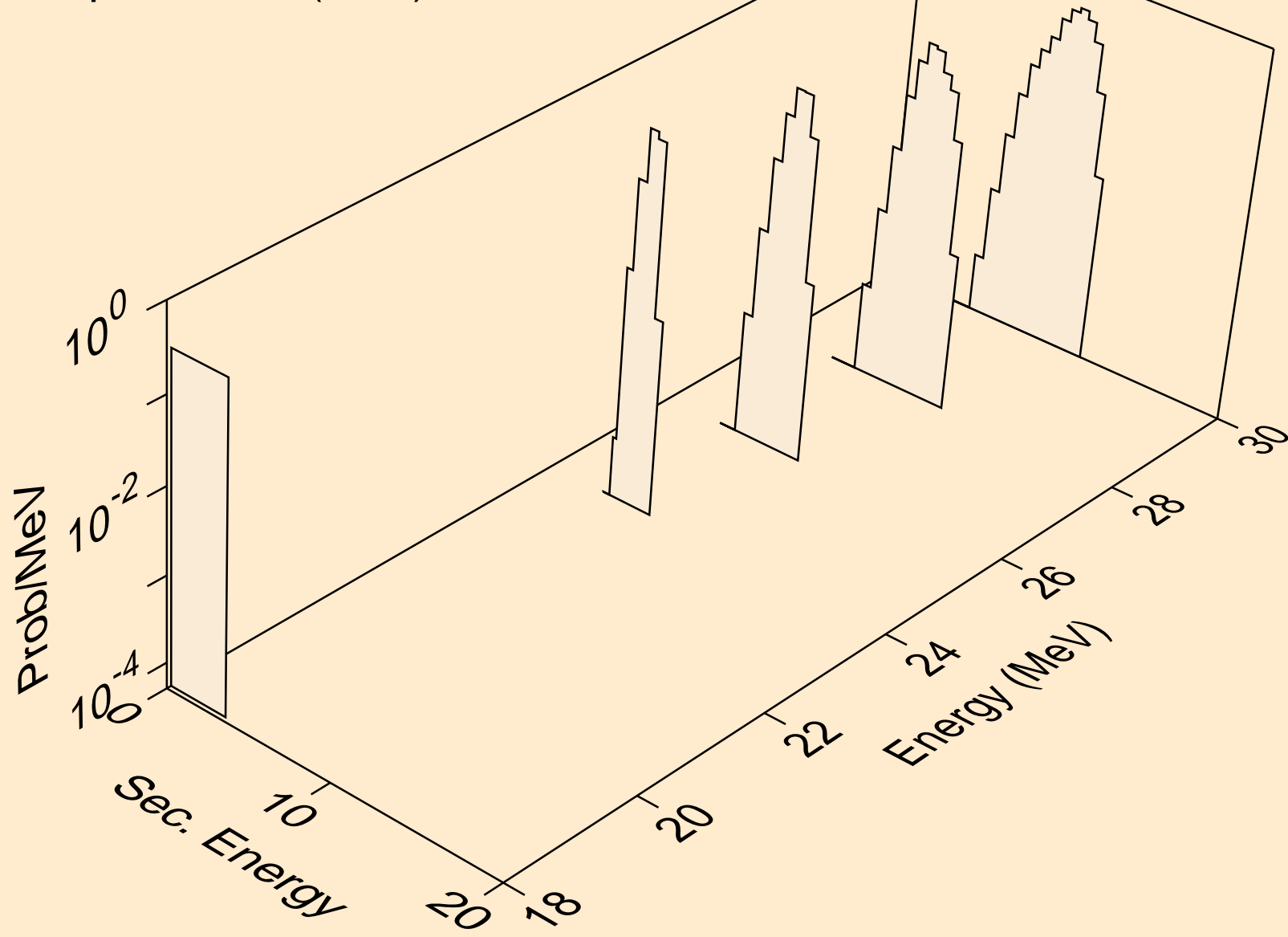
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alphas from (n,n\*)a



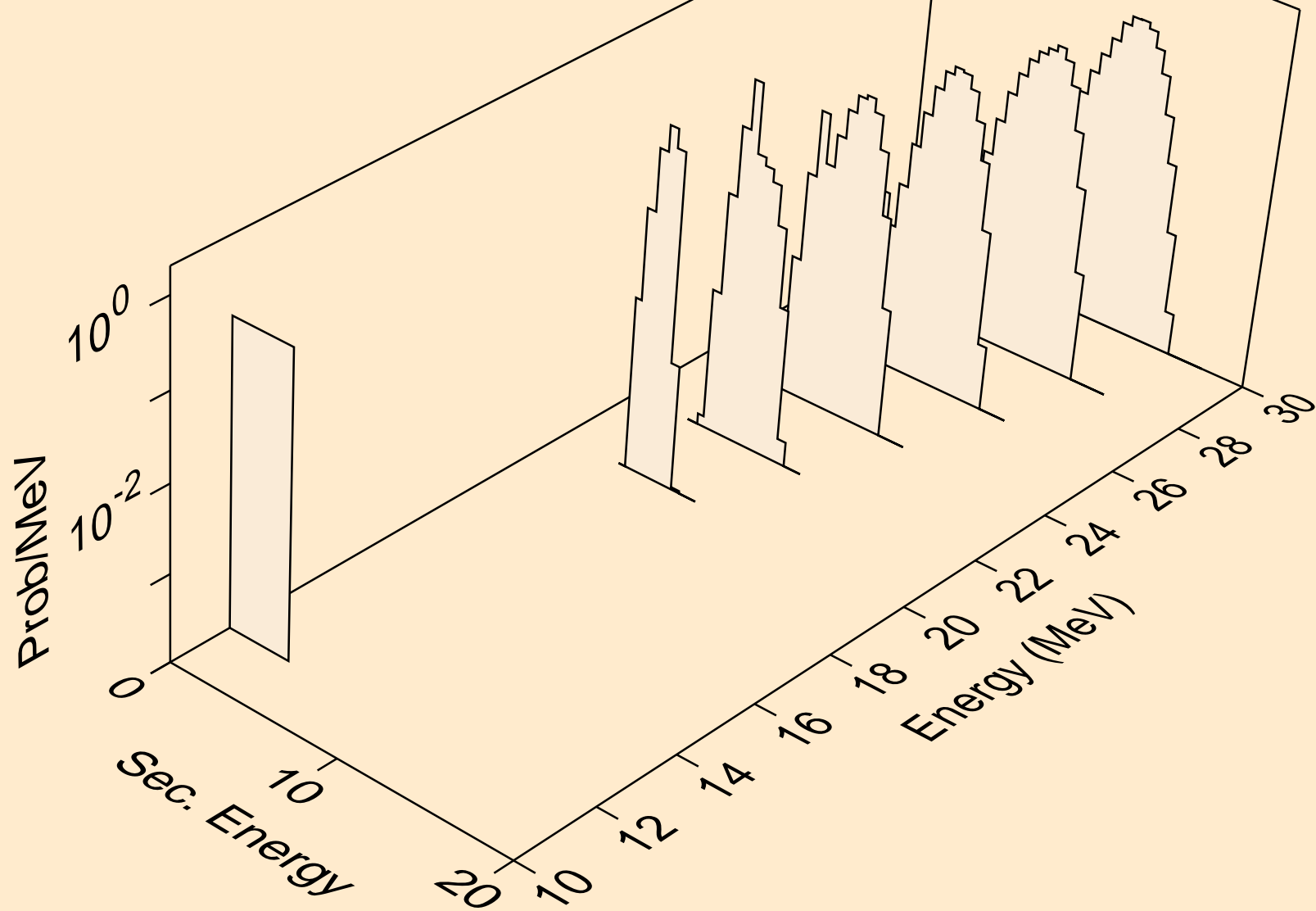
XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

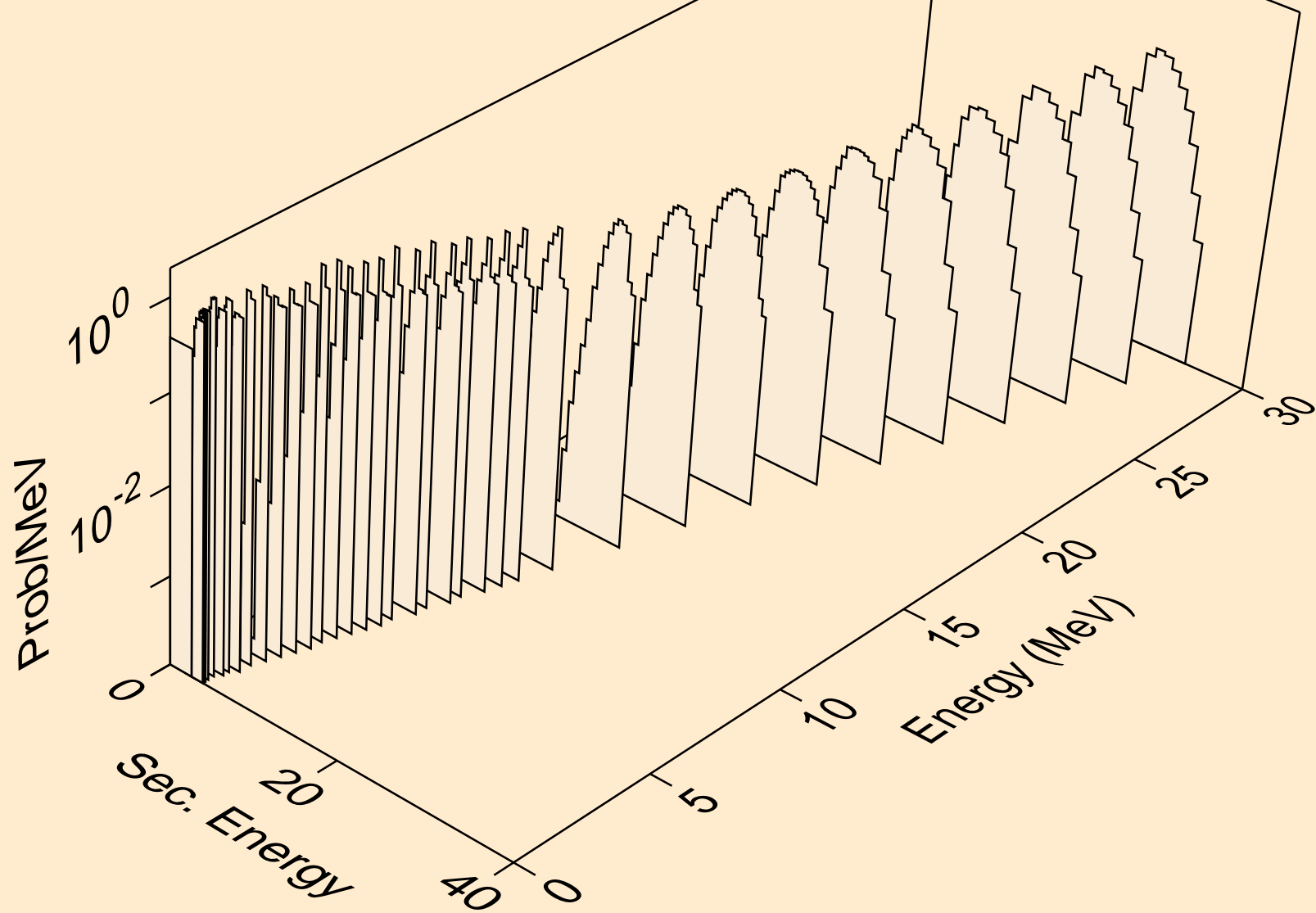


XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

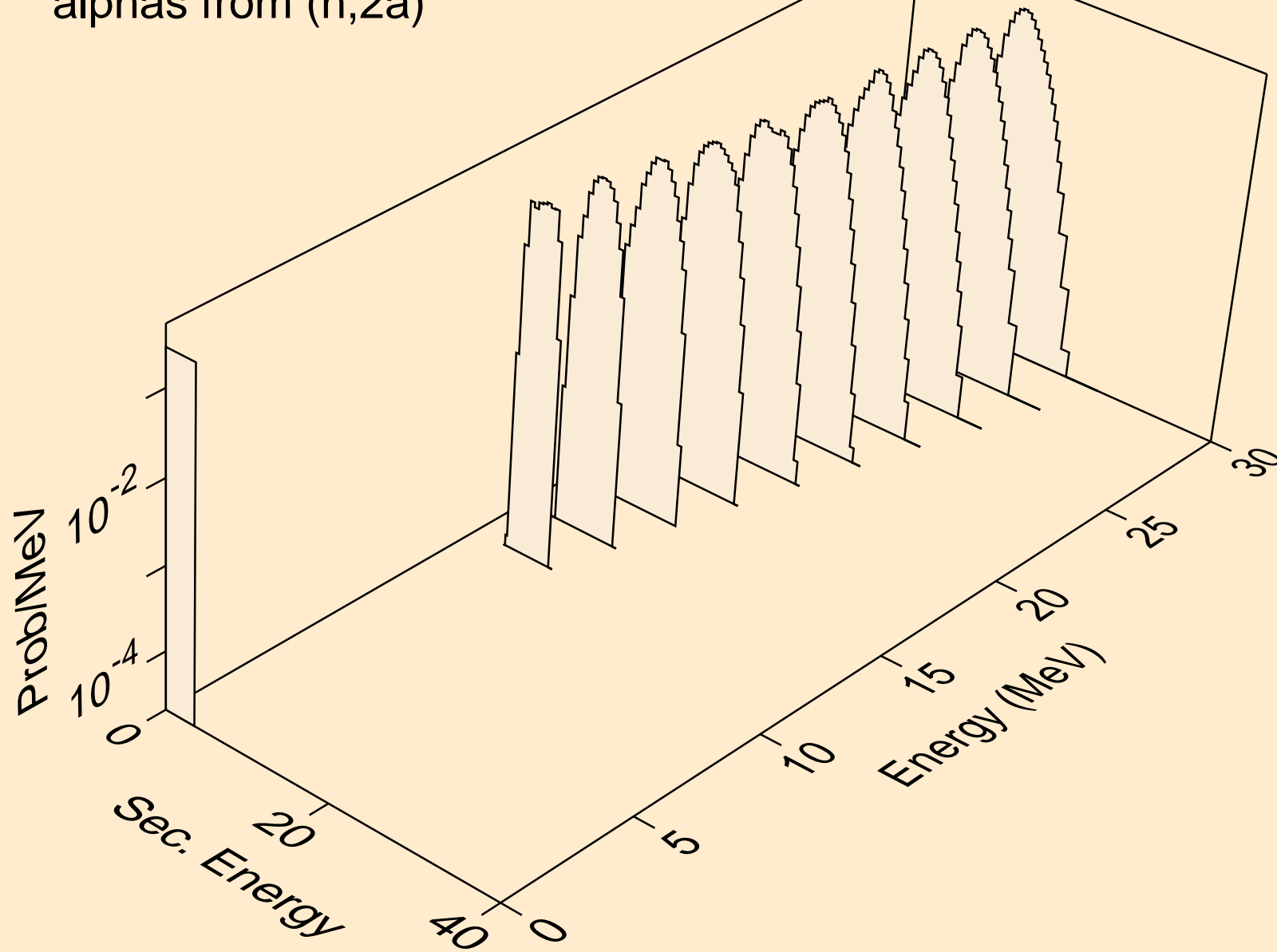




XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



XE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

