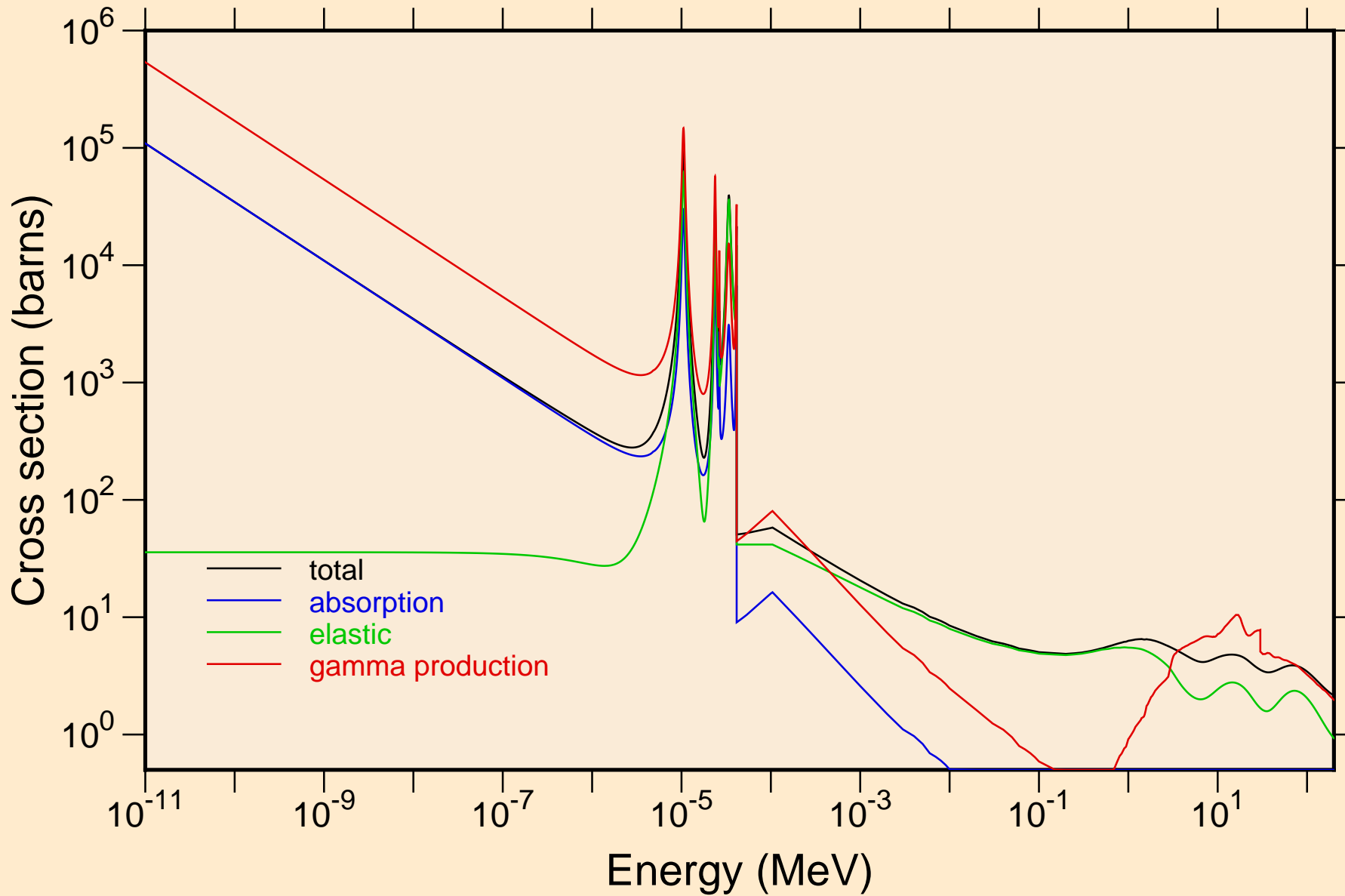


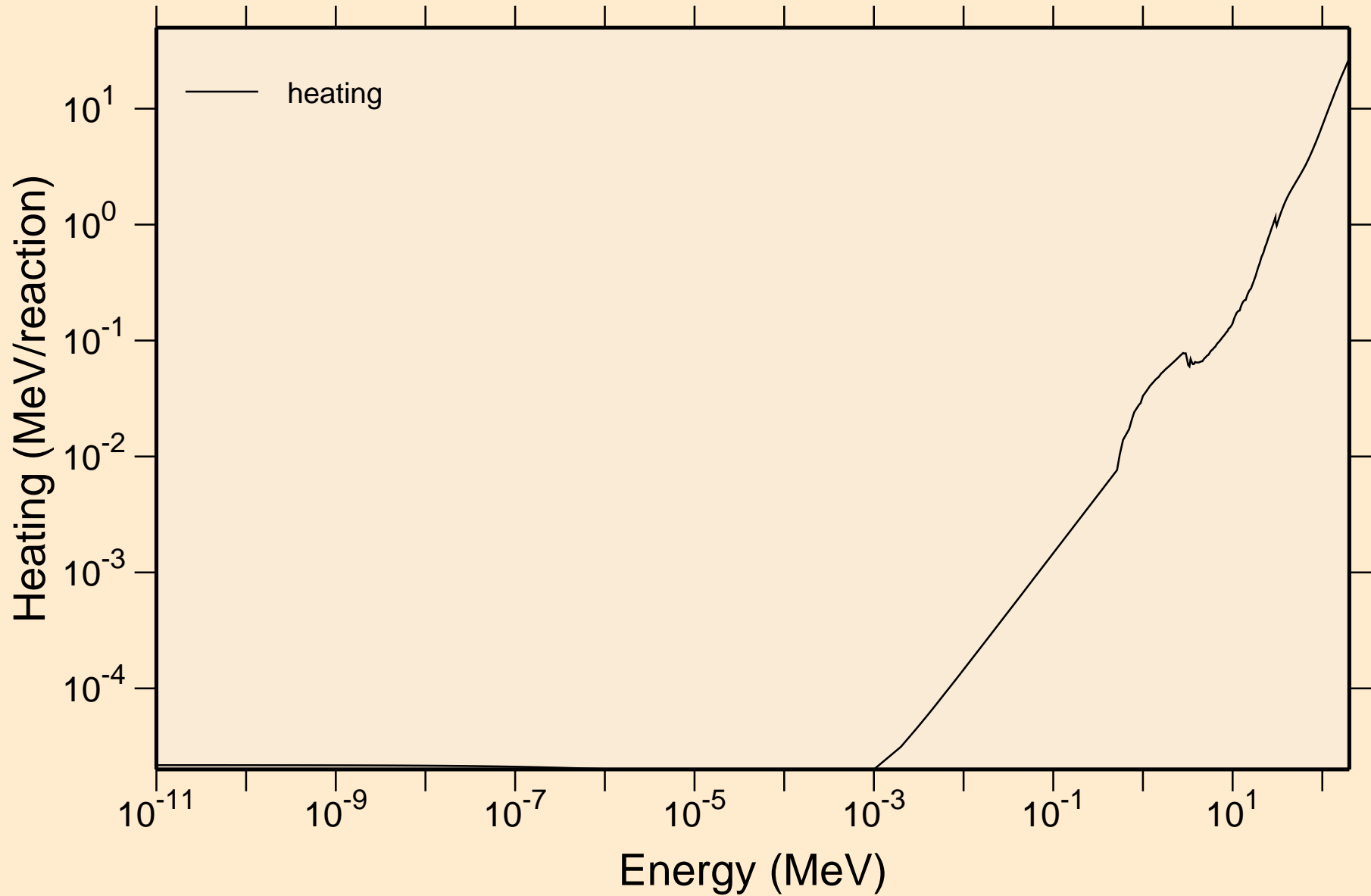
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



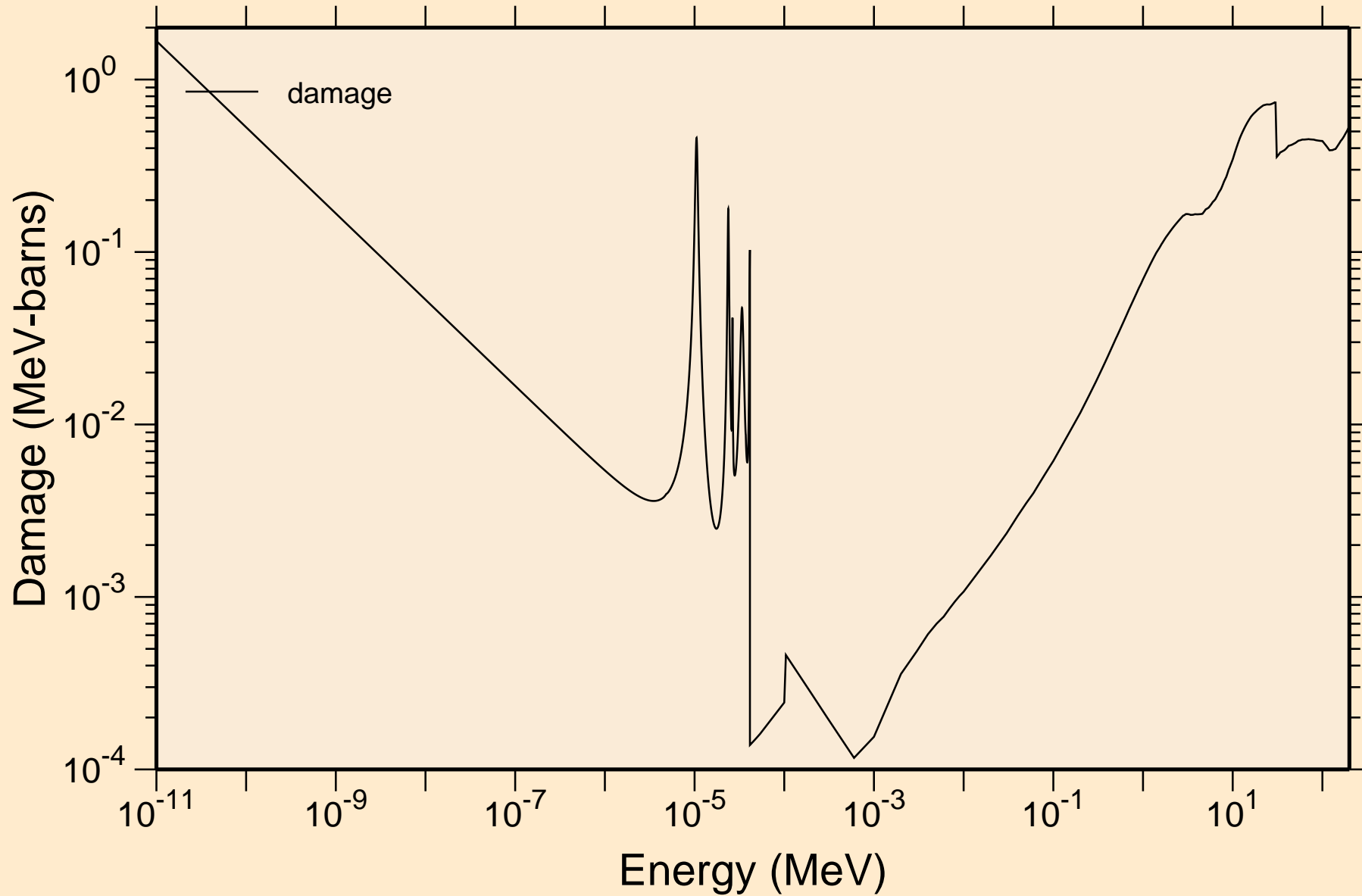
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

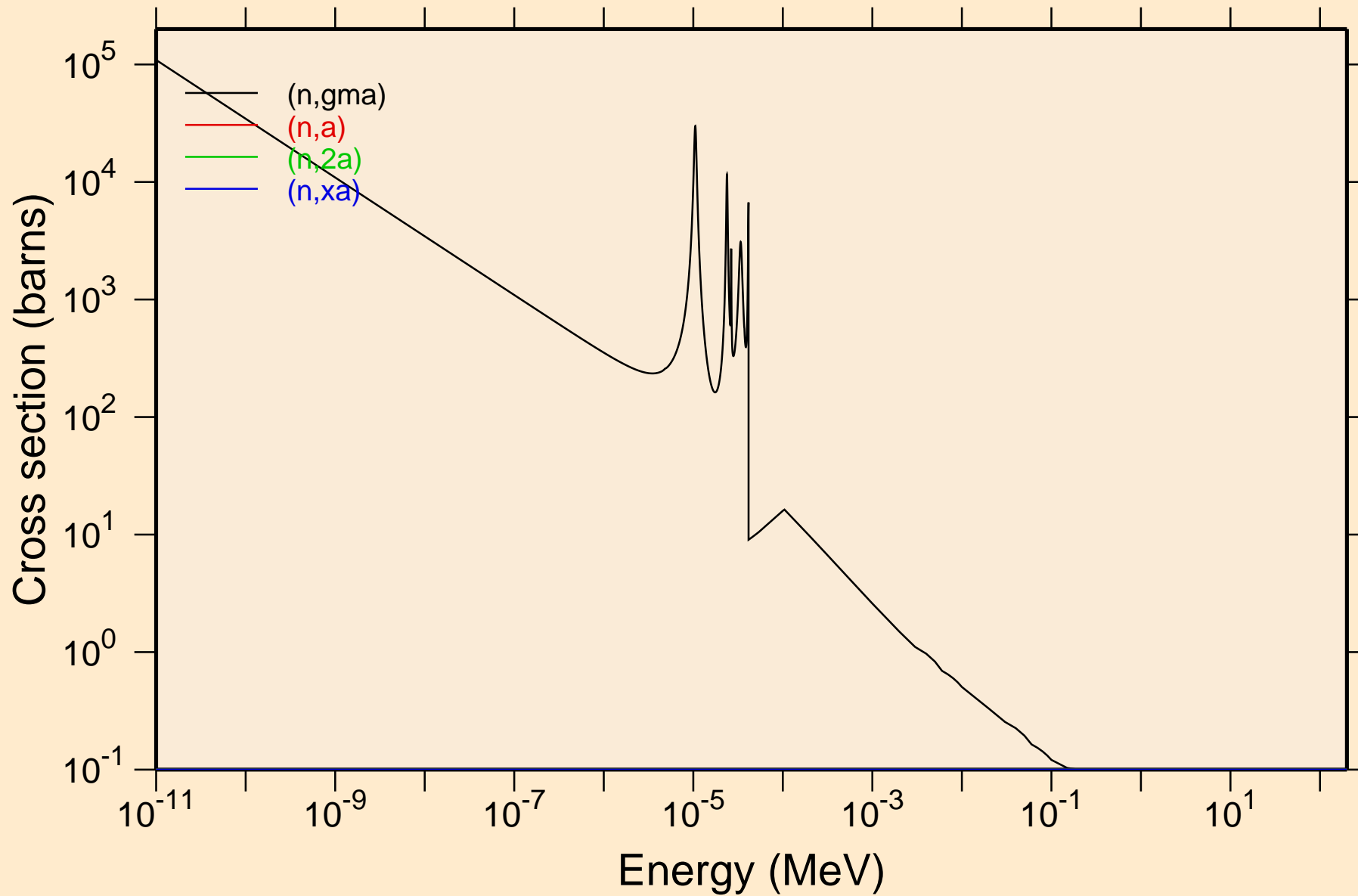


# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

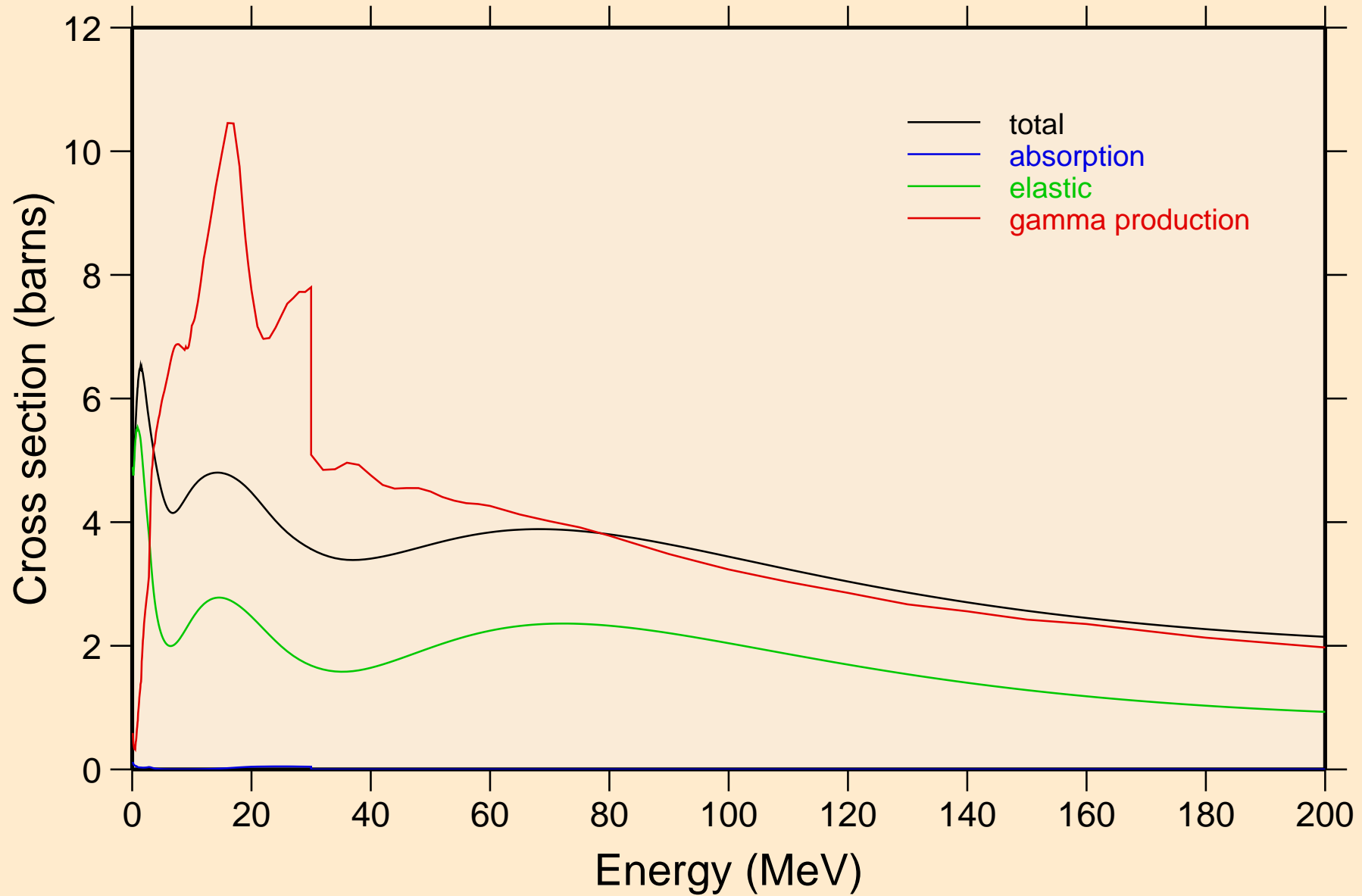


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



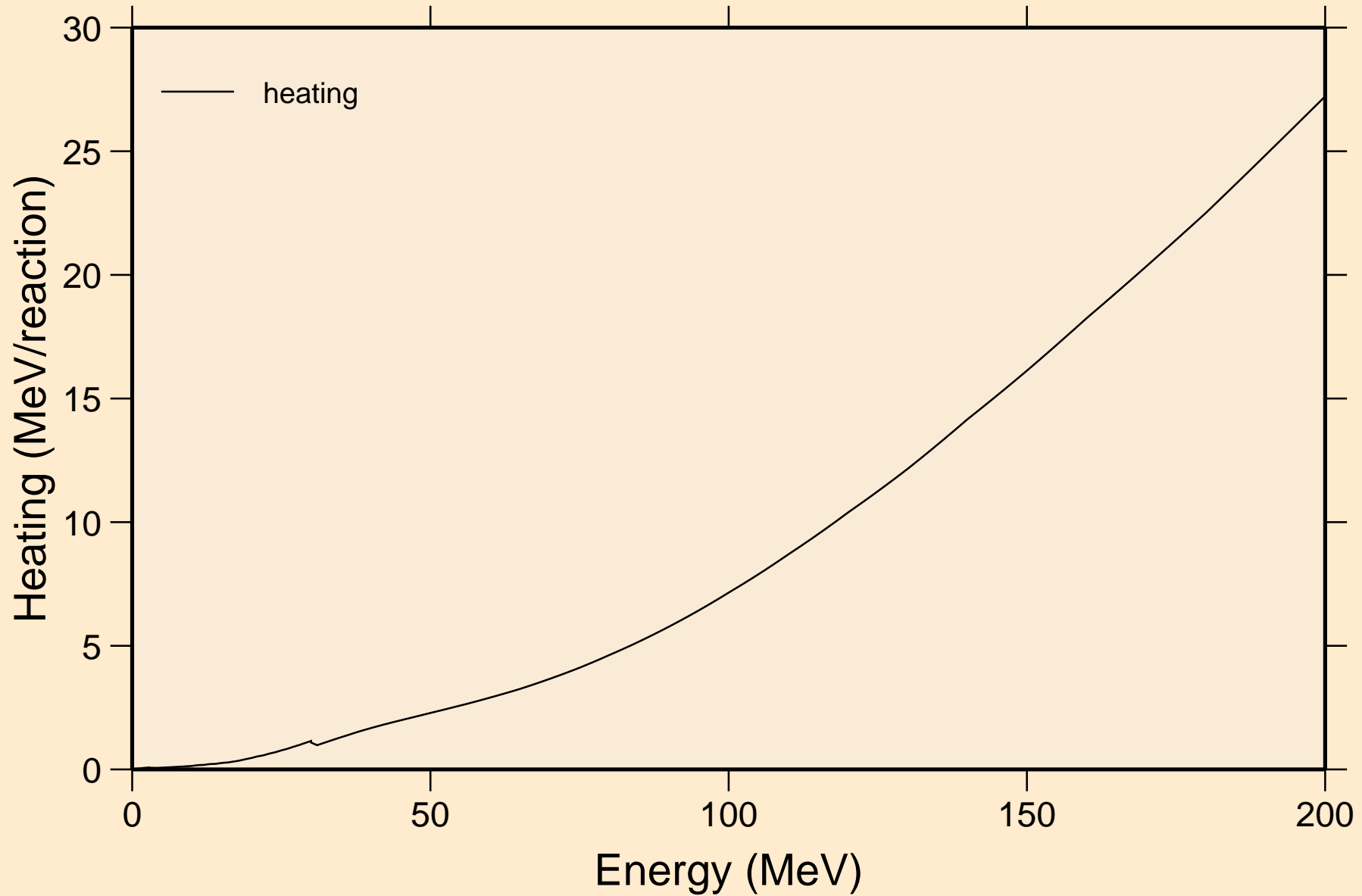
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

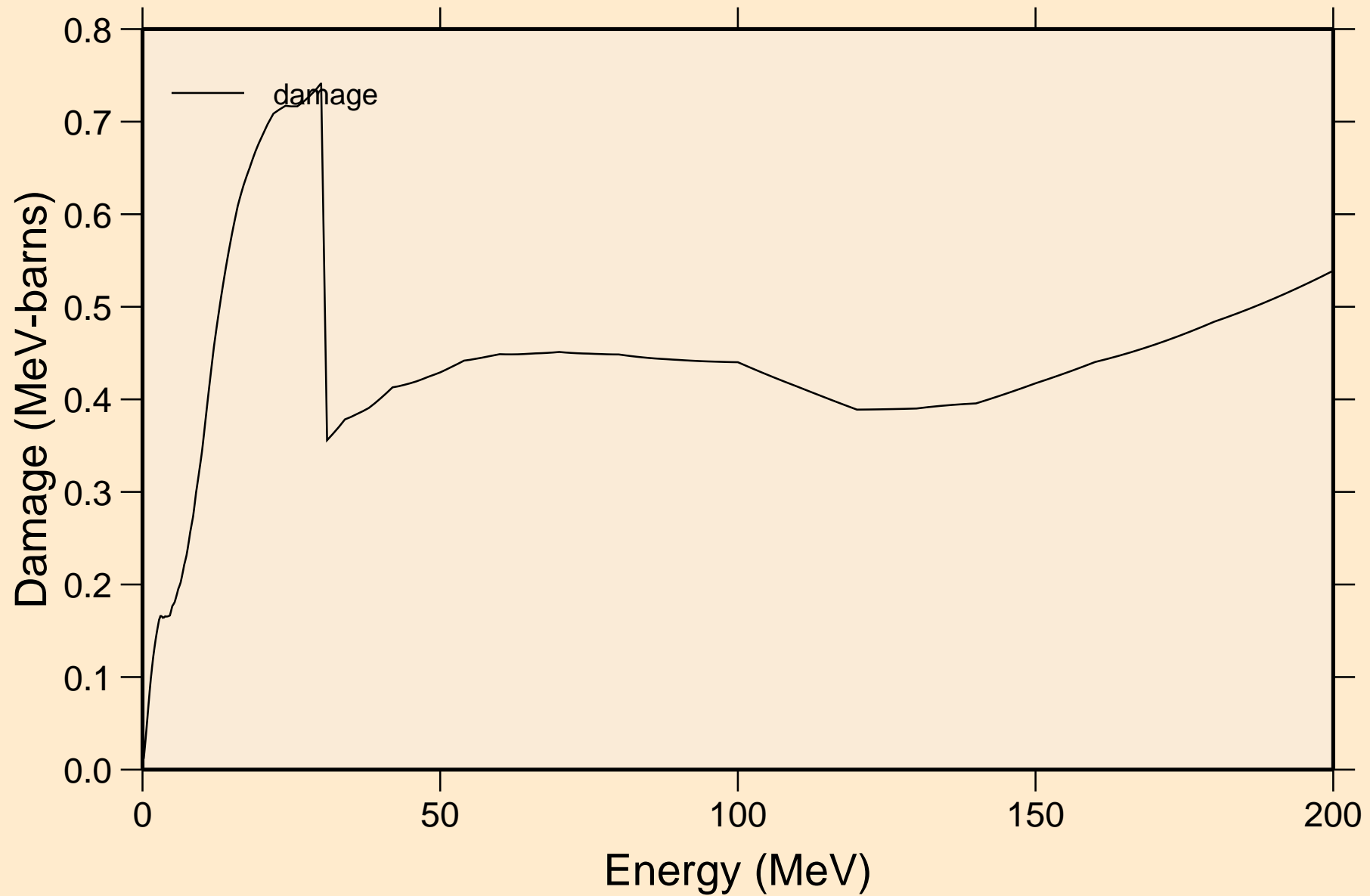


# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

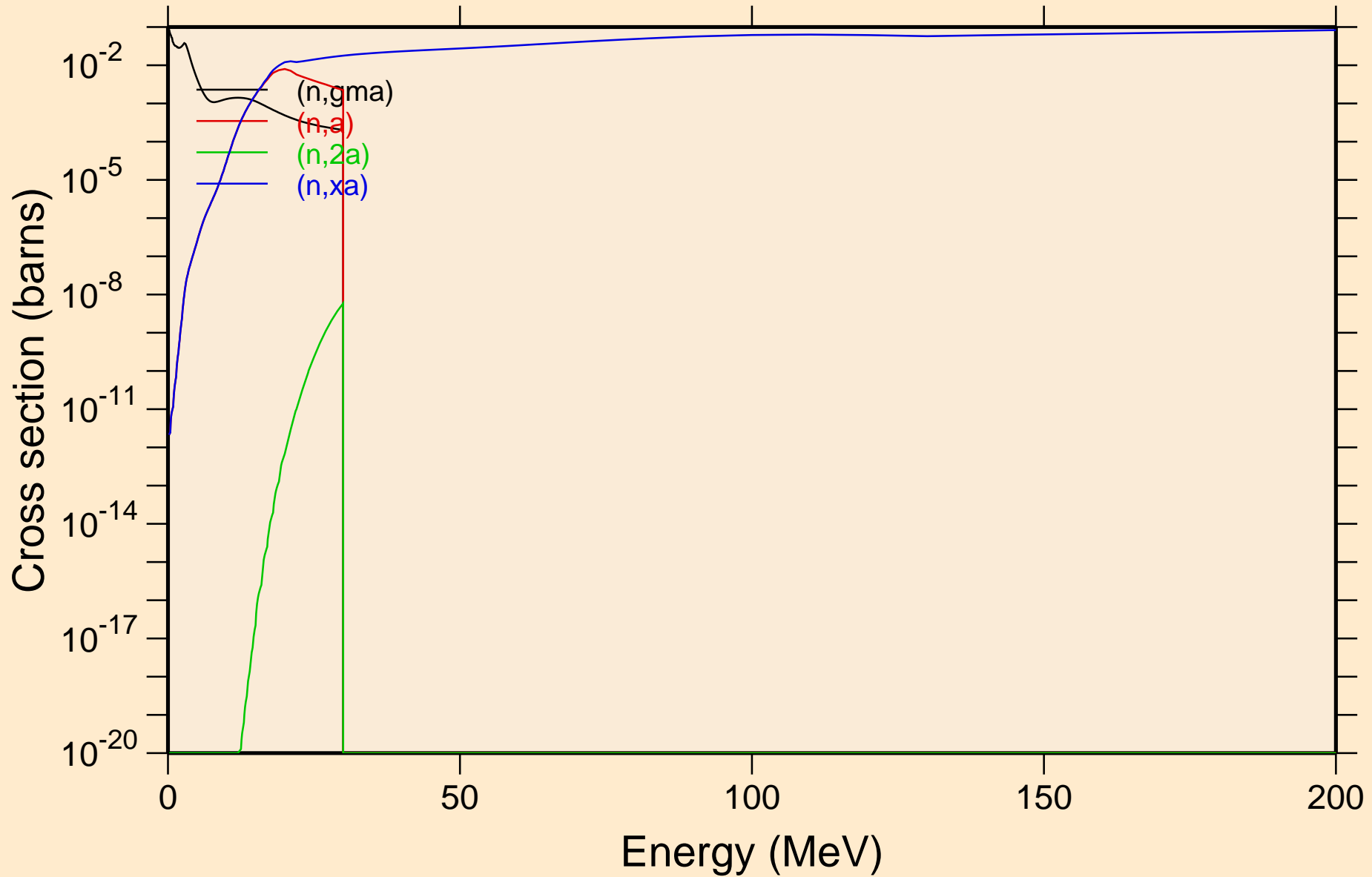


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



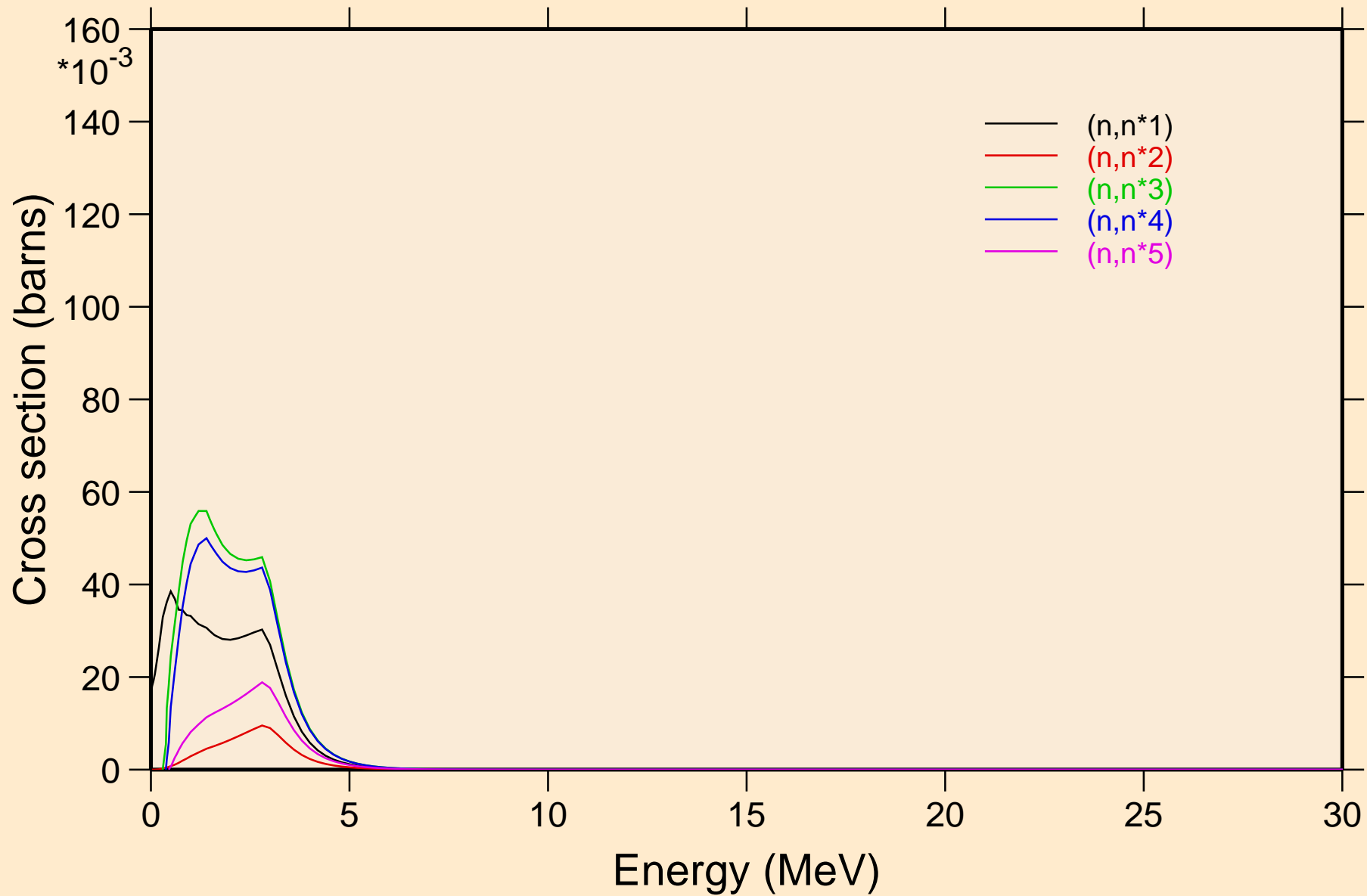
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

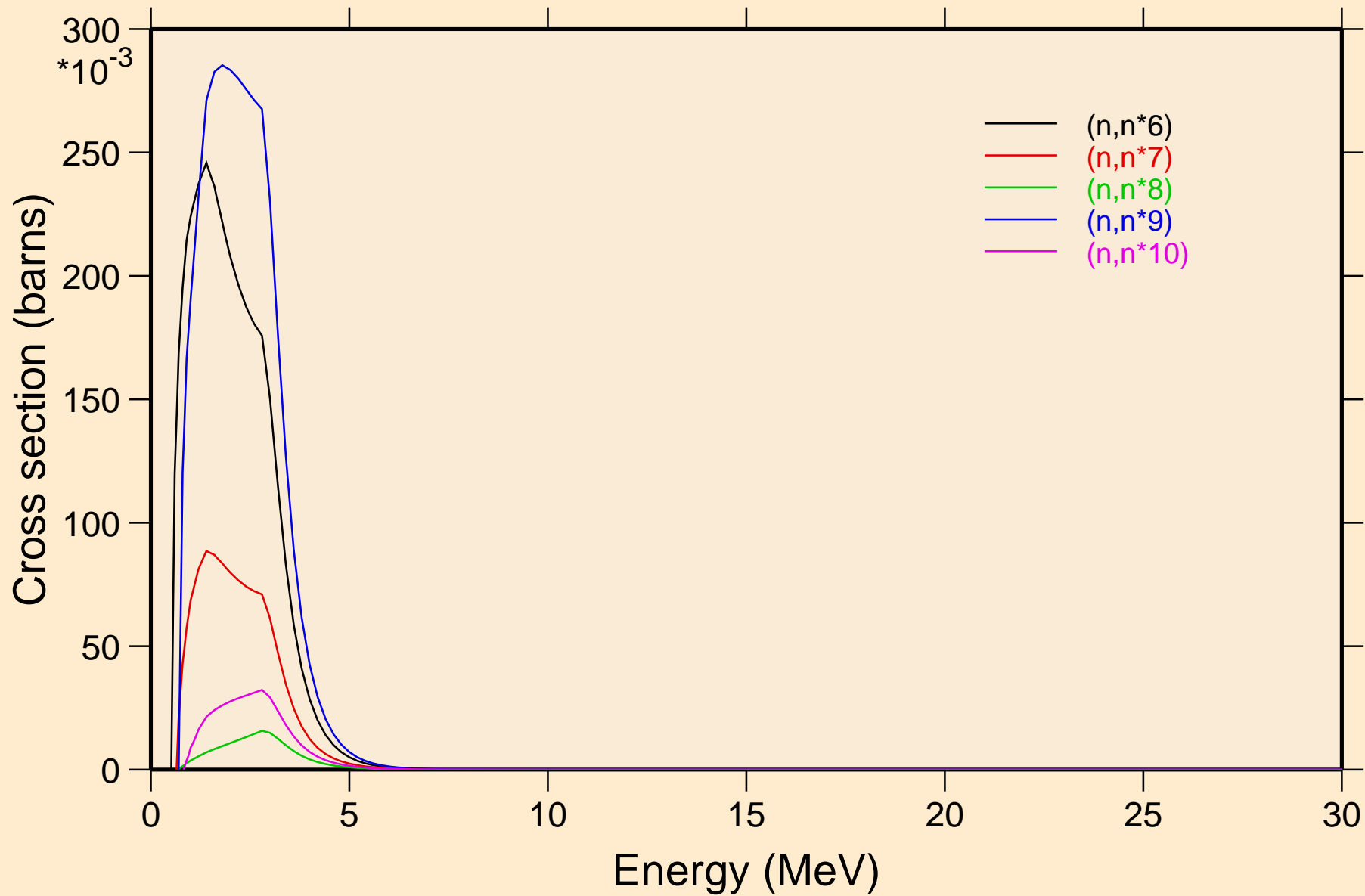




XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

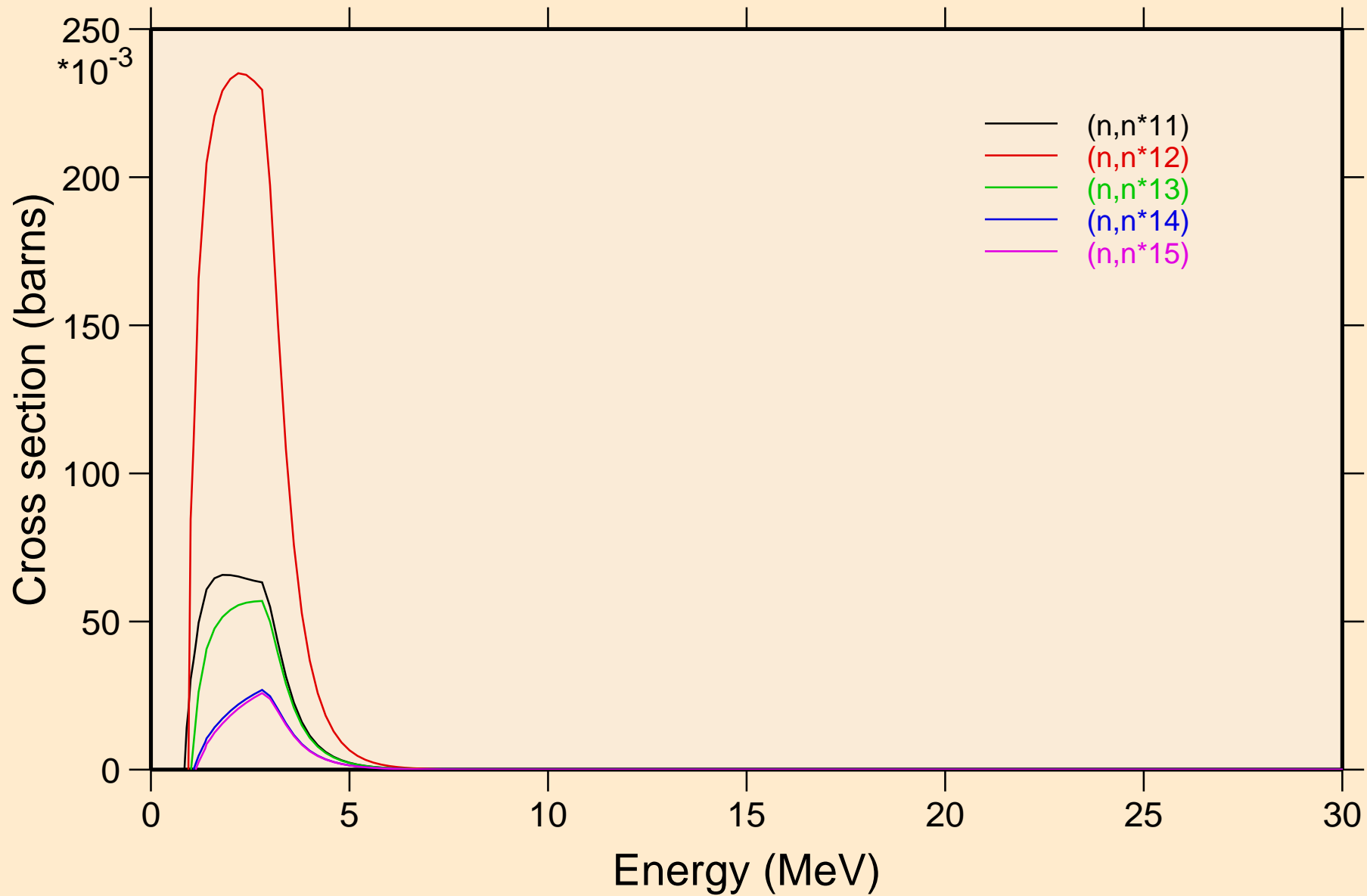


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



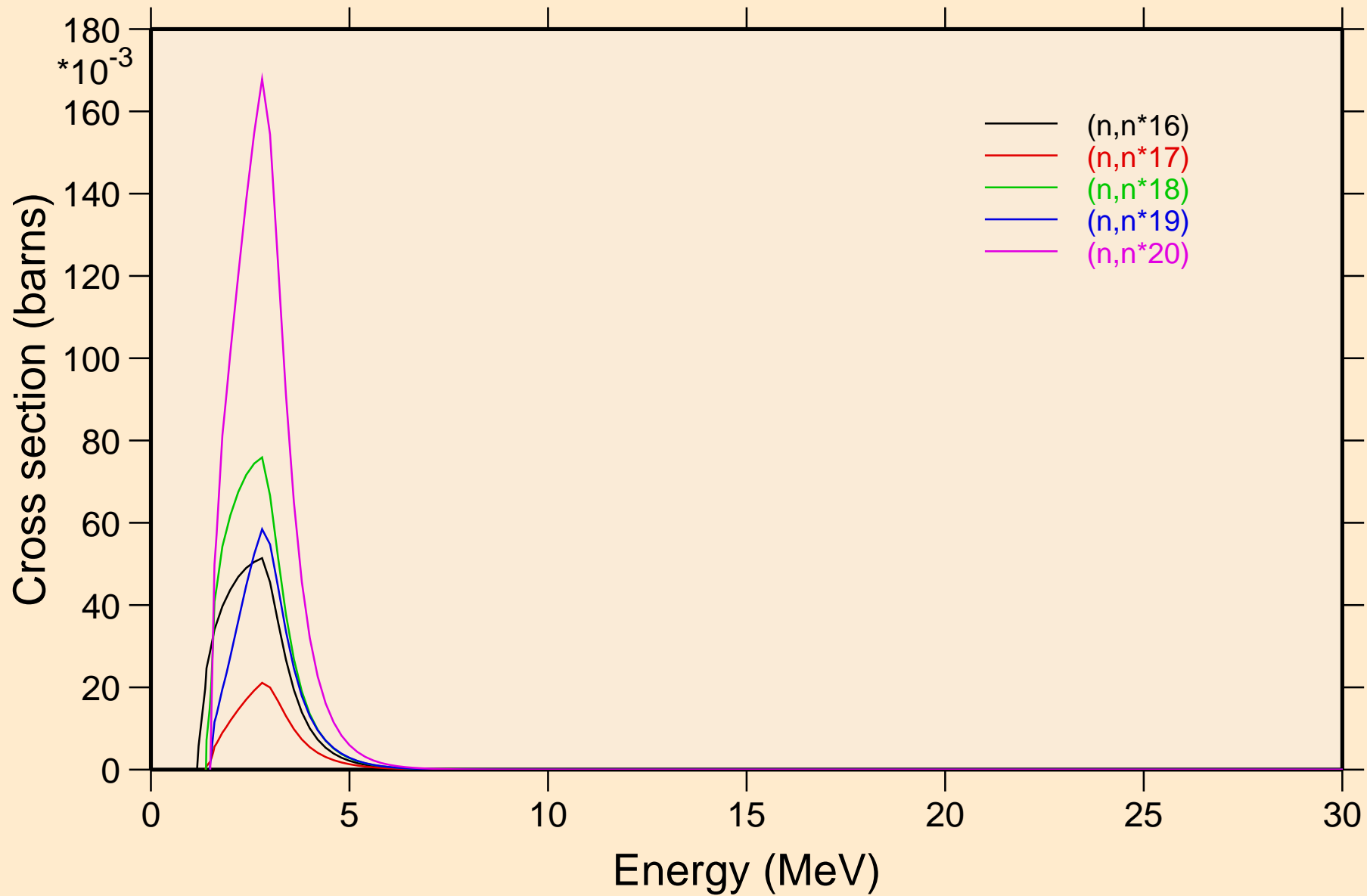
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

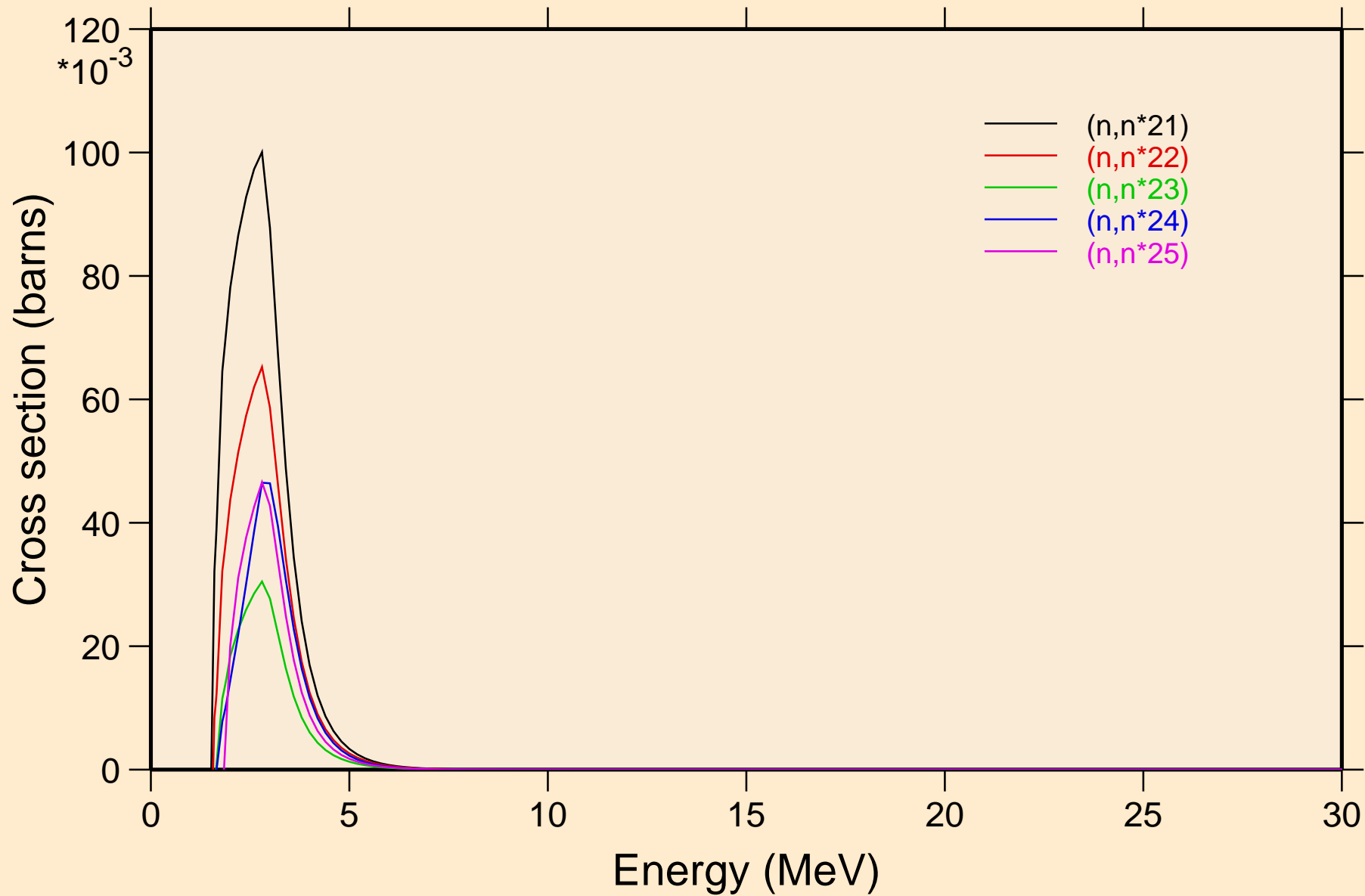


# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

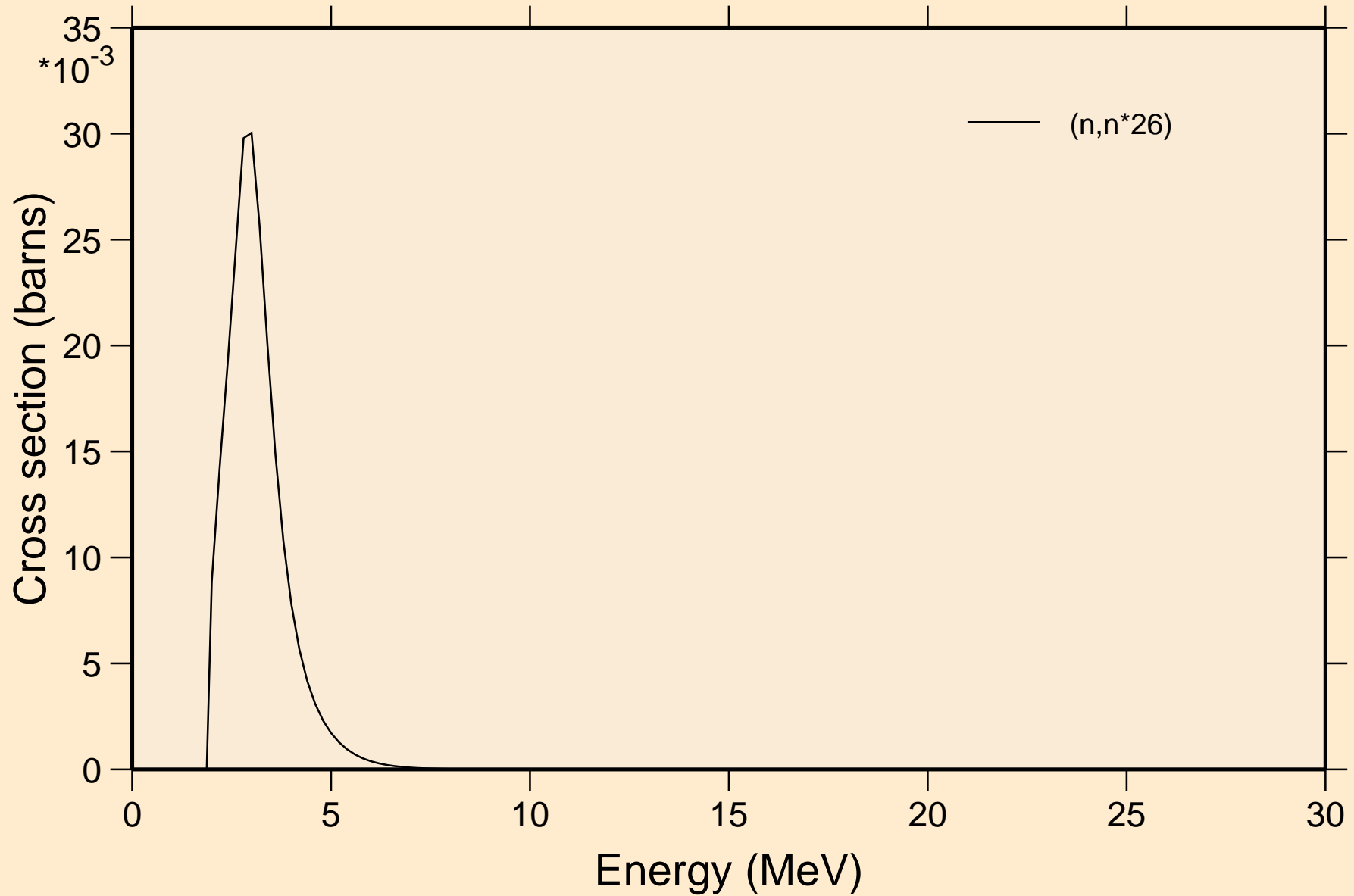
## Inelastic levels



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

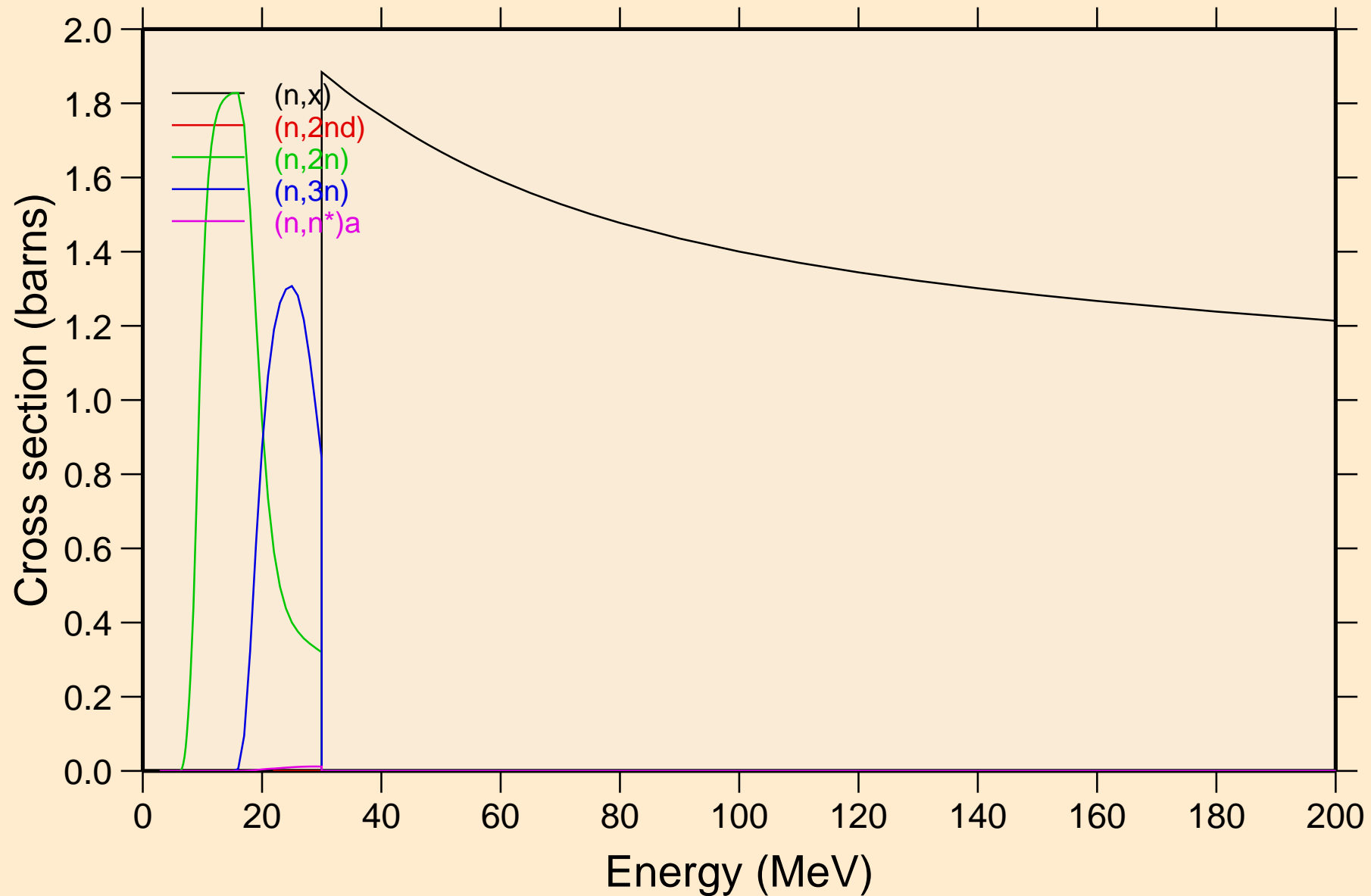


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



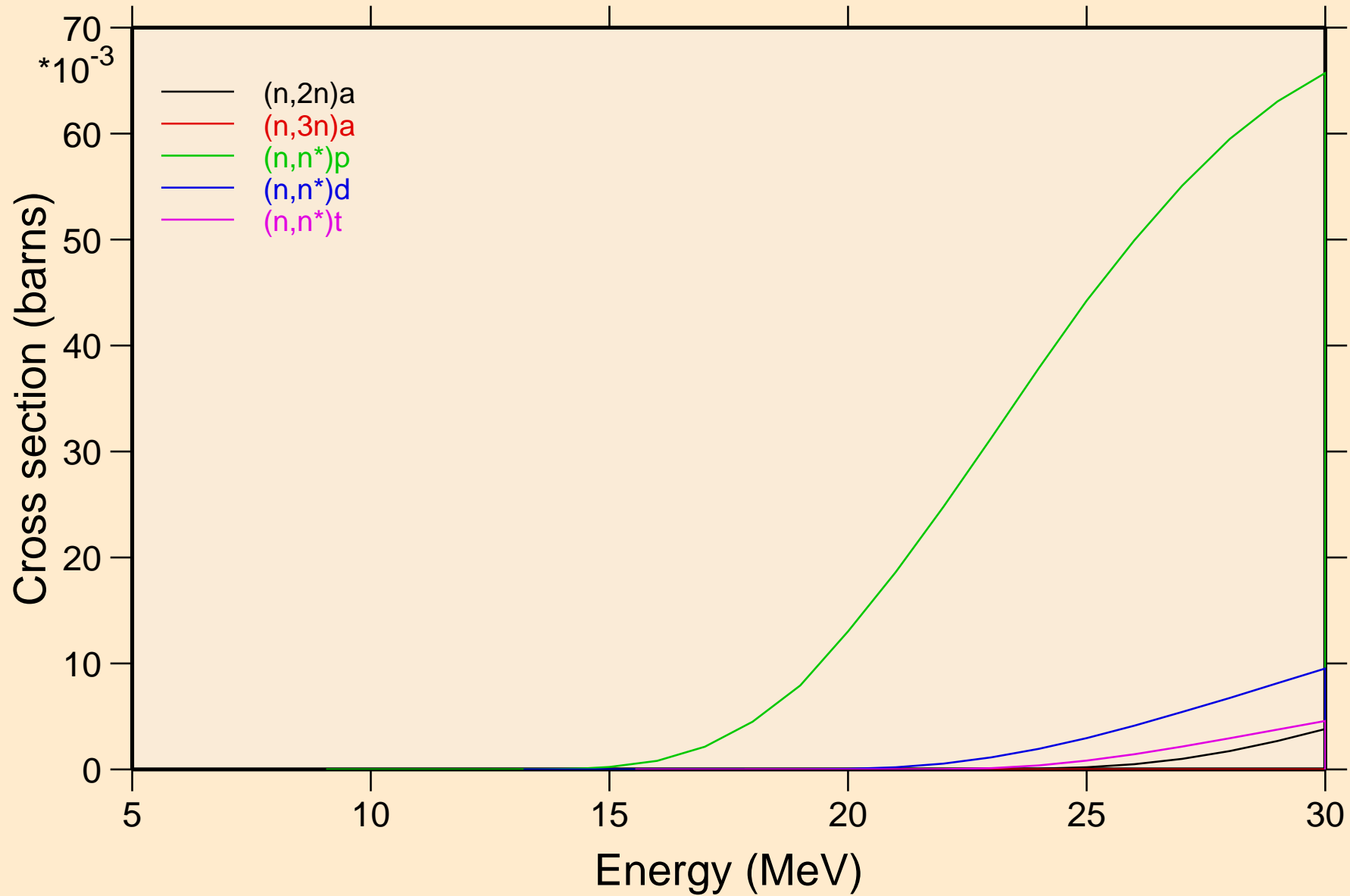
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

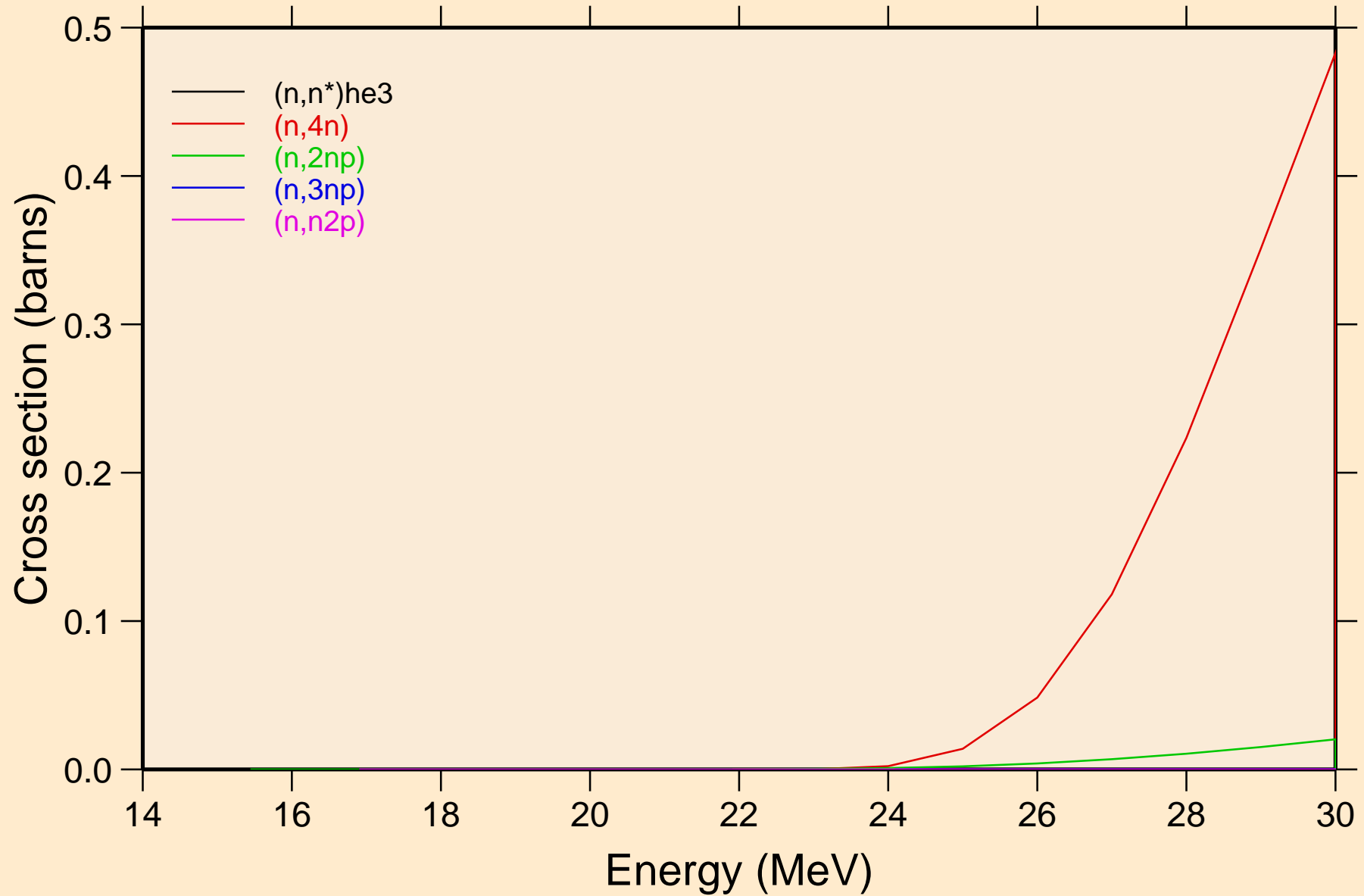
## Threshold reactions





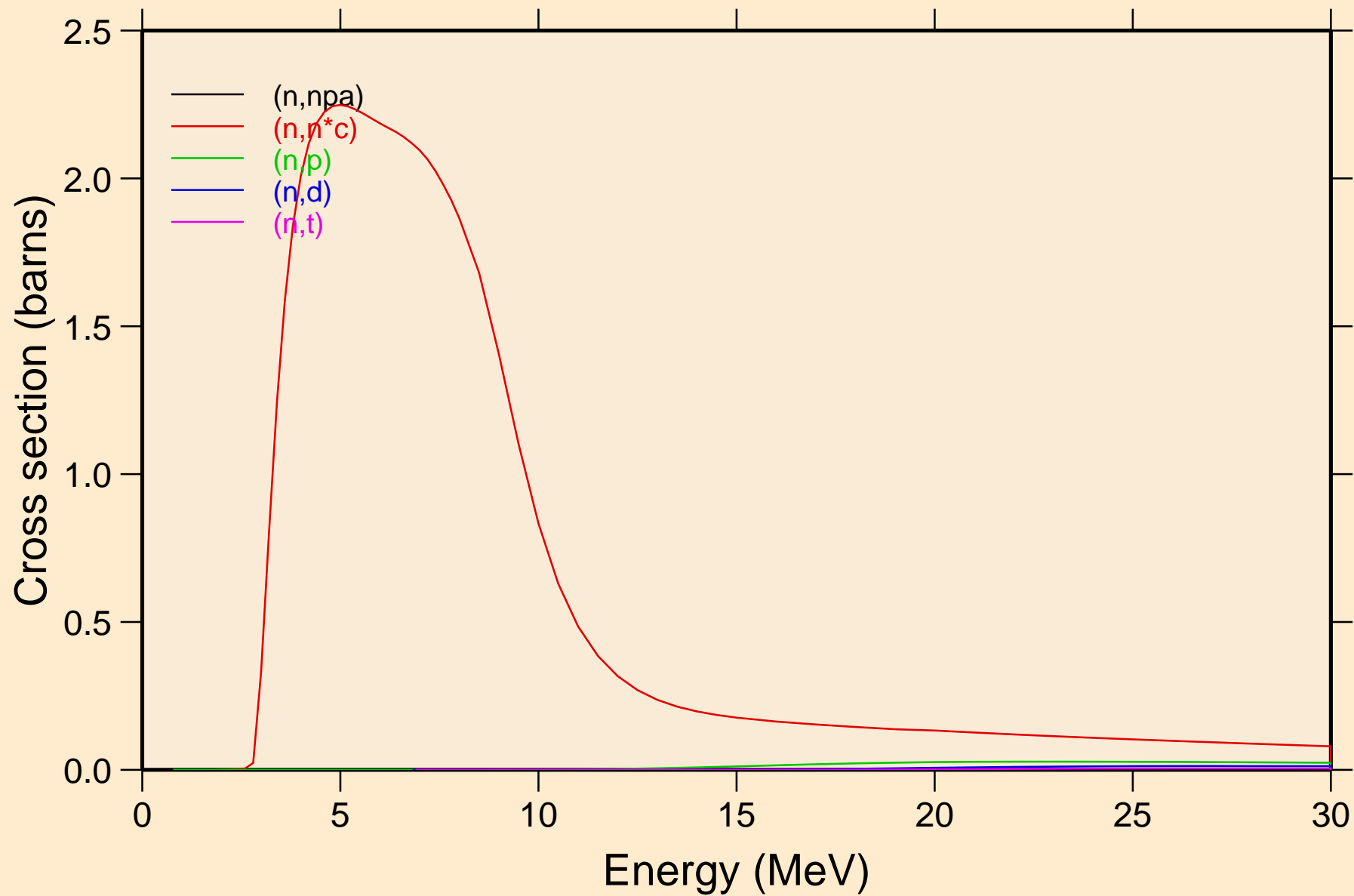
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



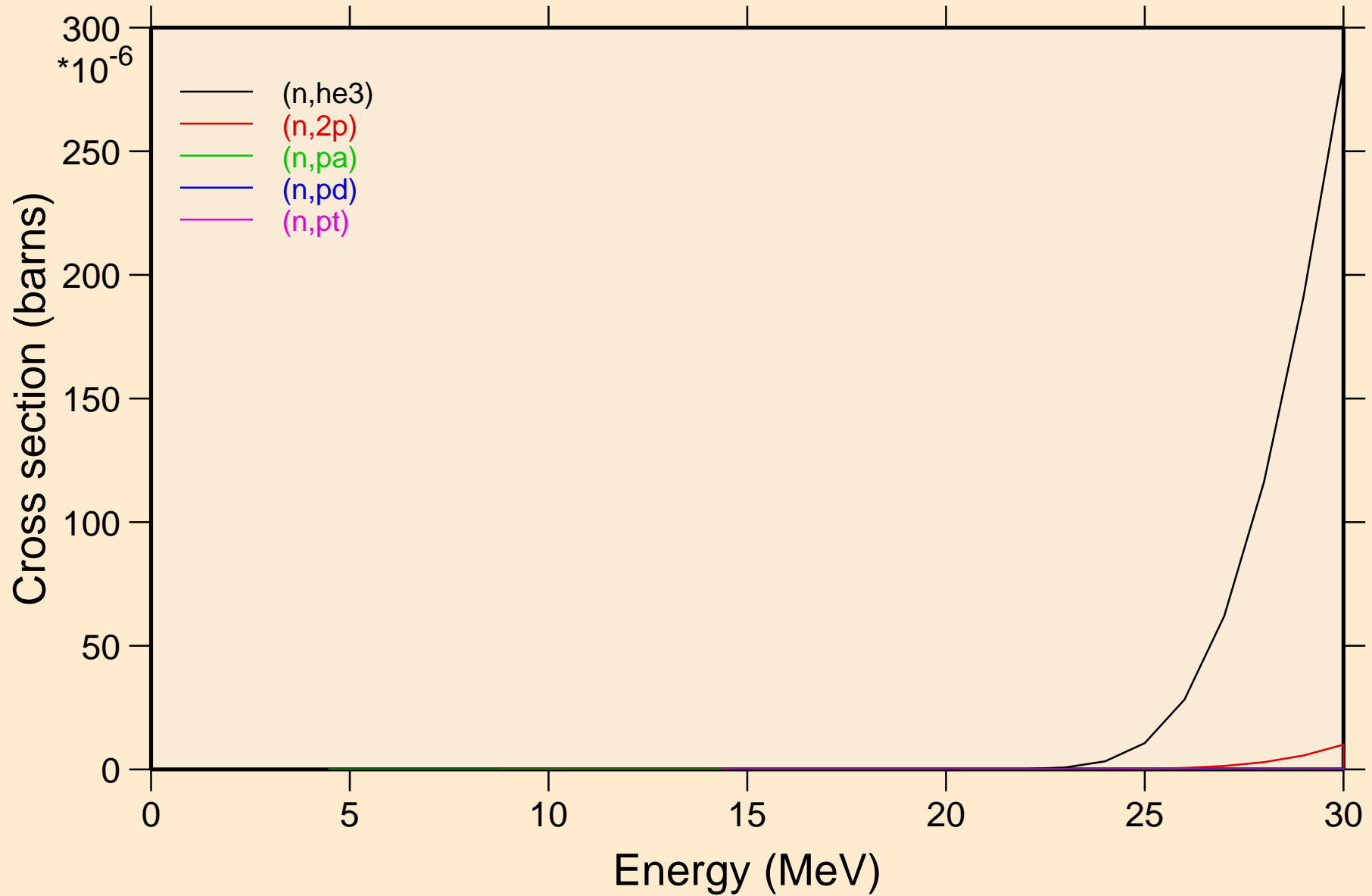
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## Threshold reactions

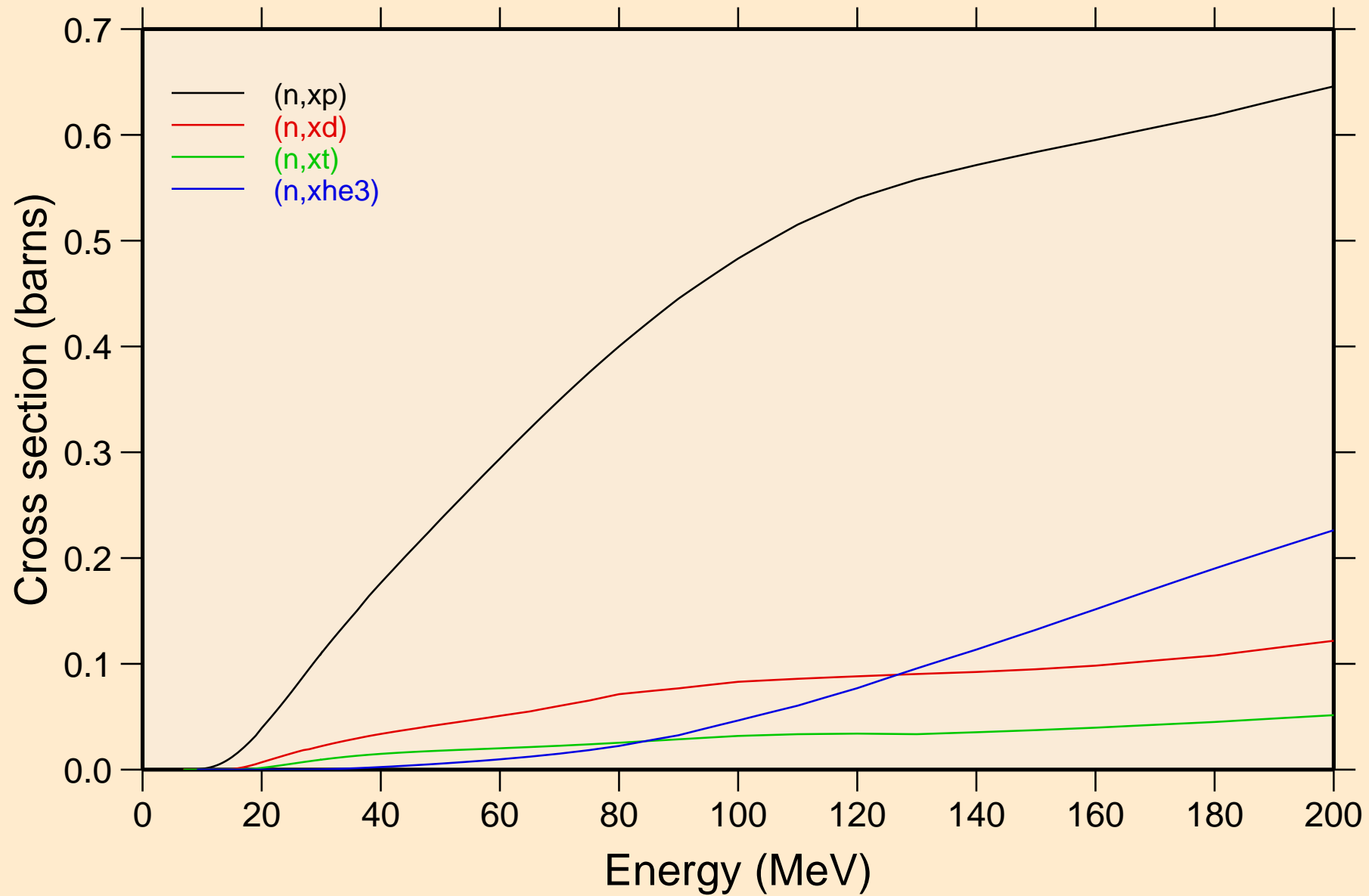


# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

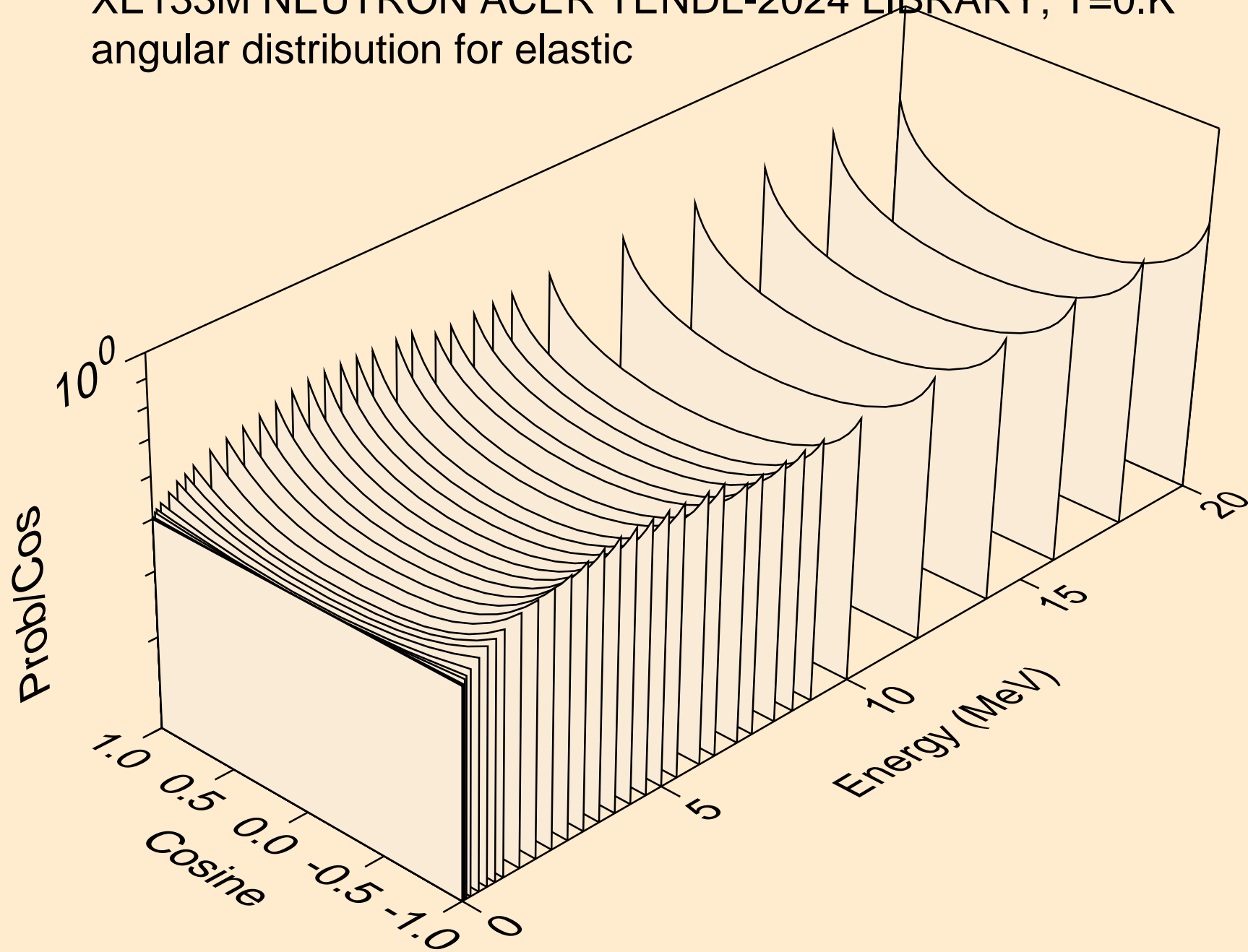
## Threshold reactions



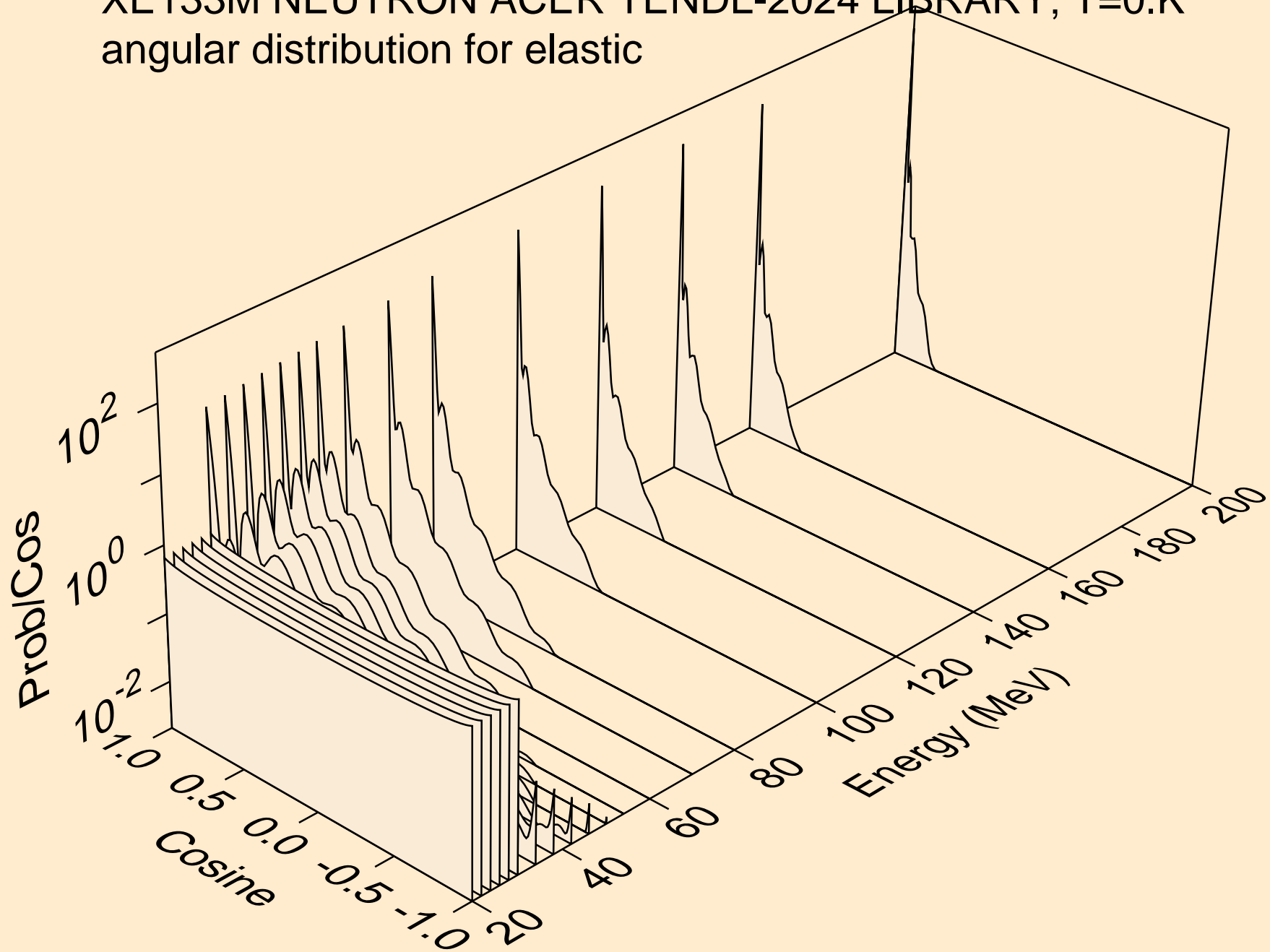
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



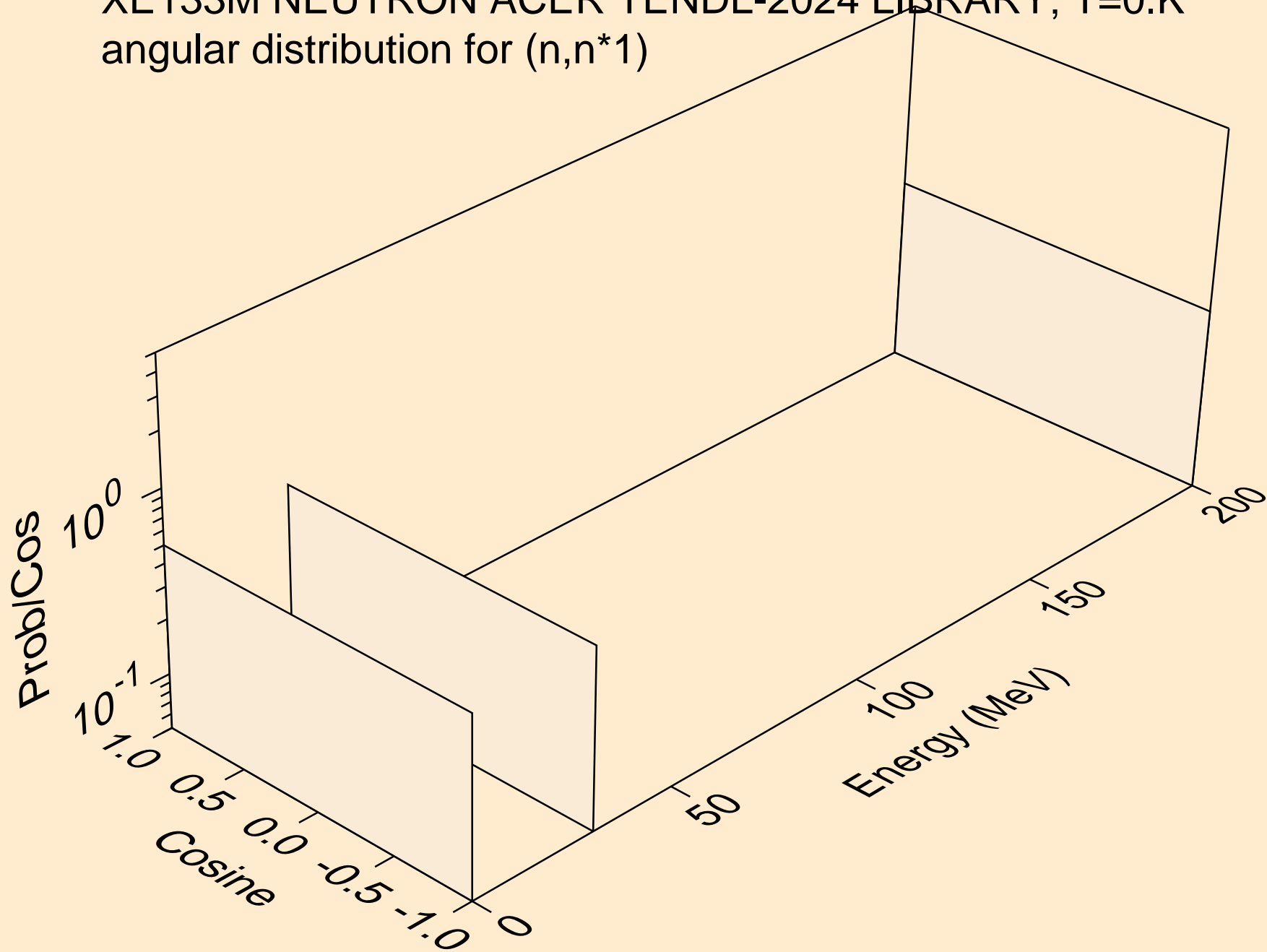
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



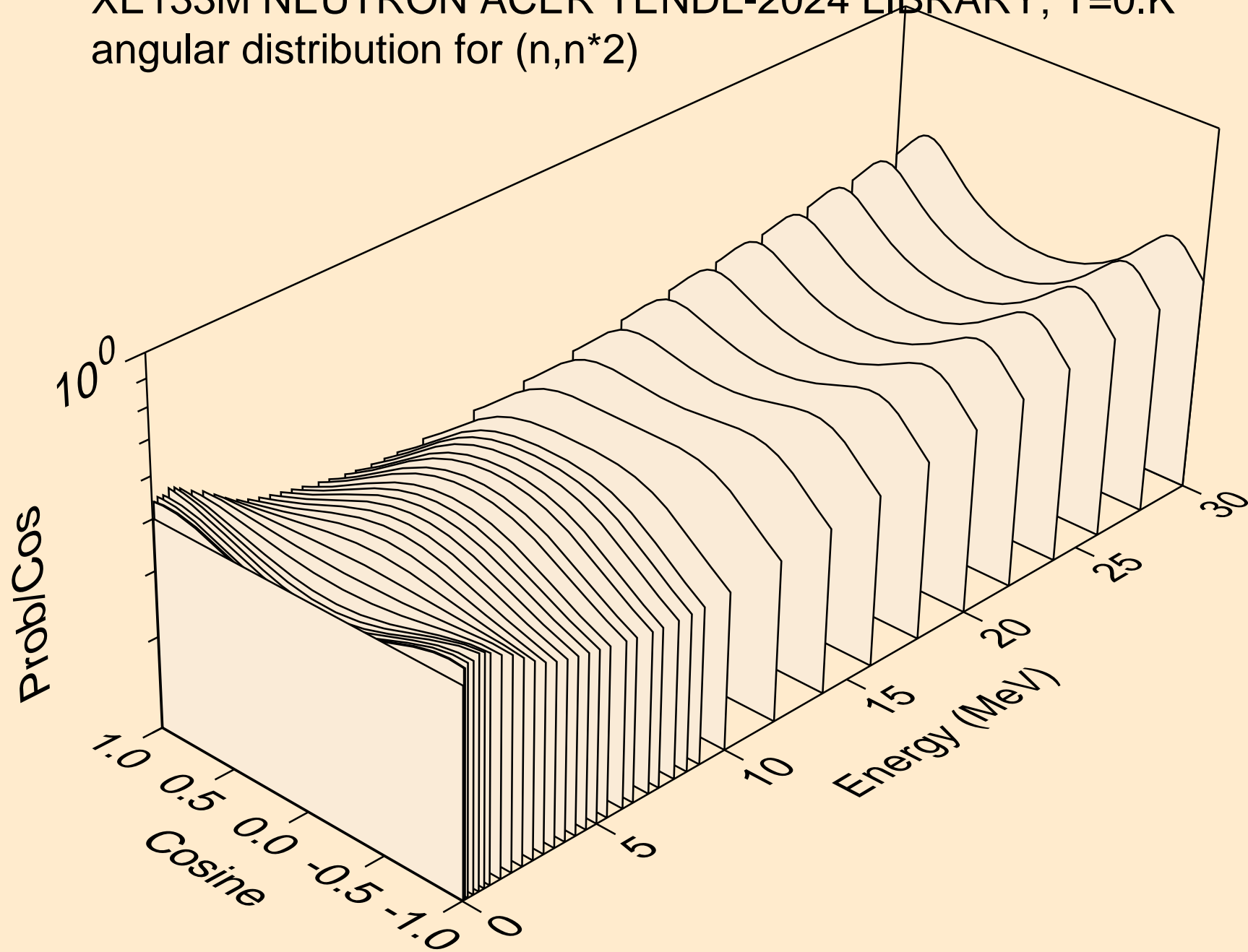
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

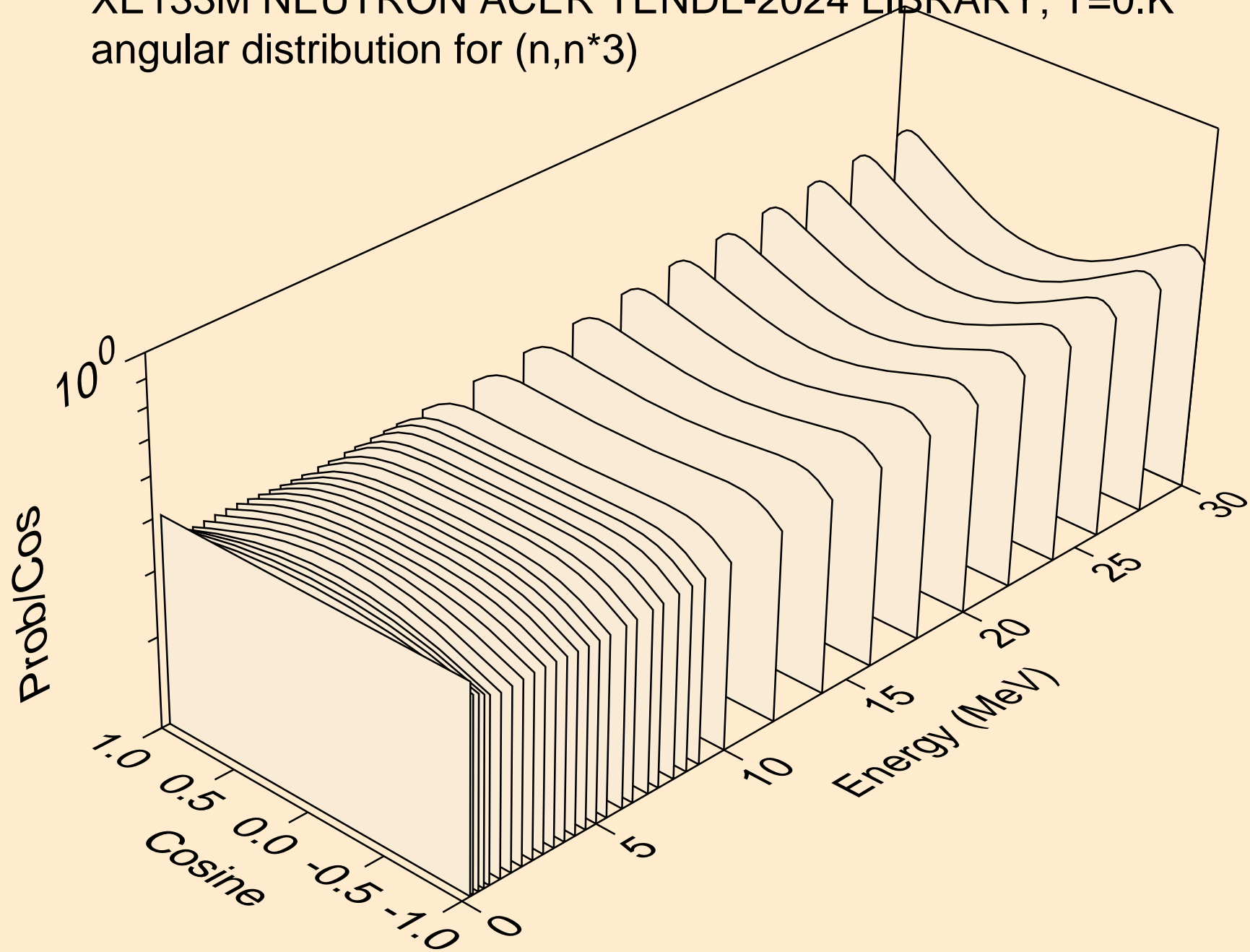


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

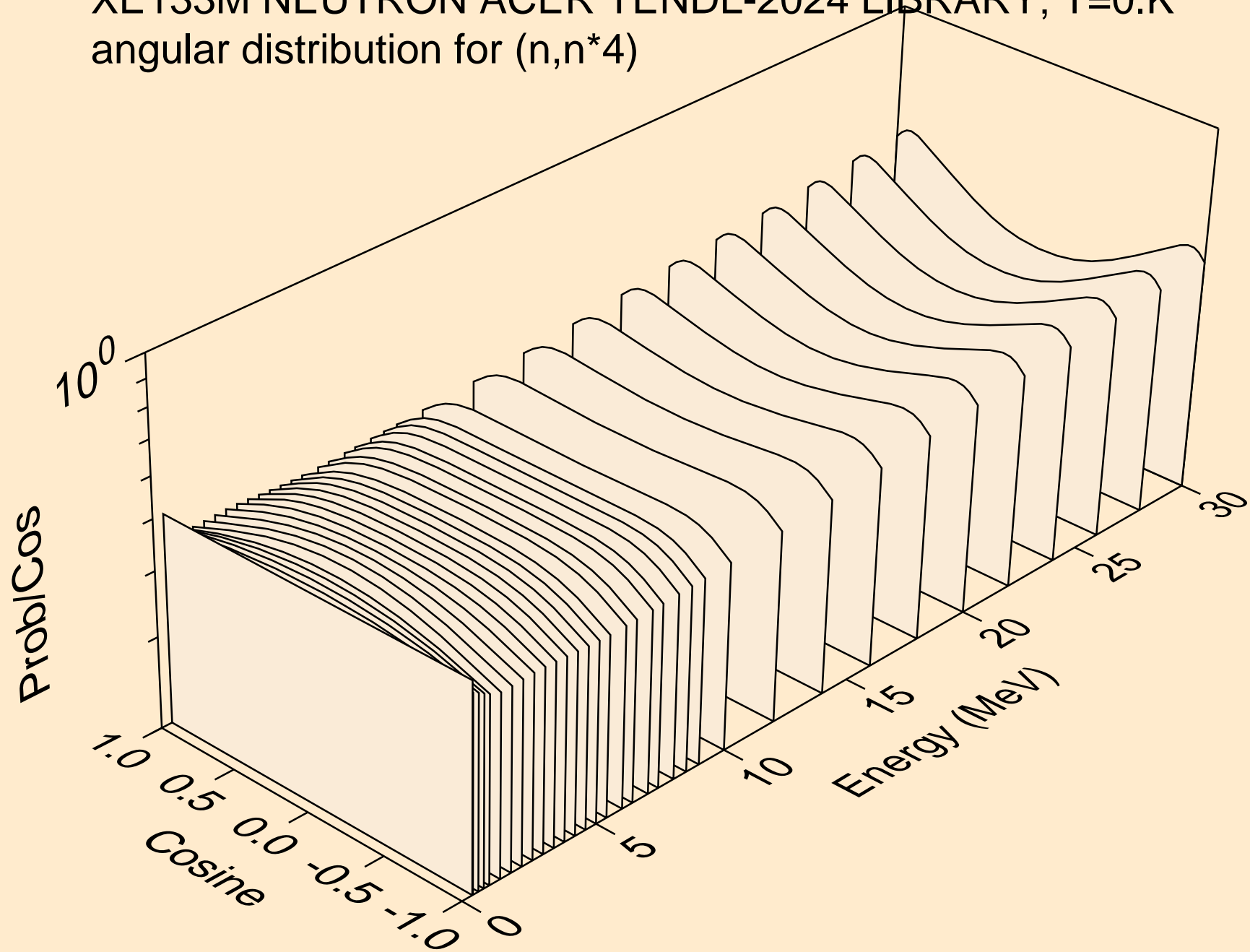




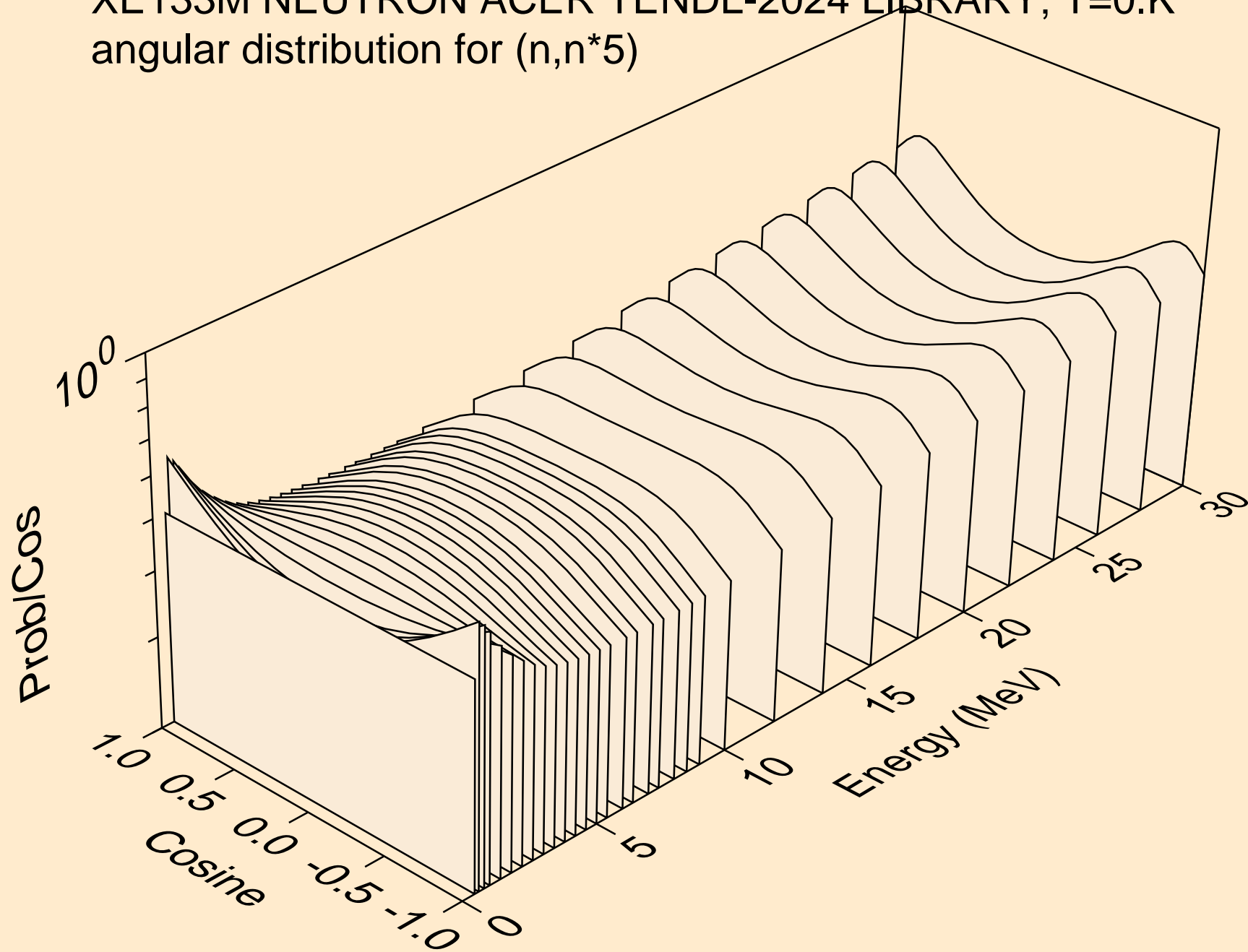
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



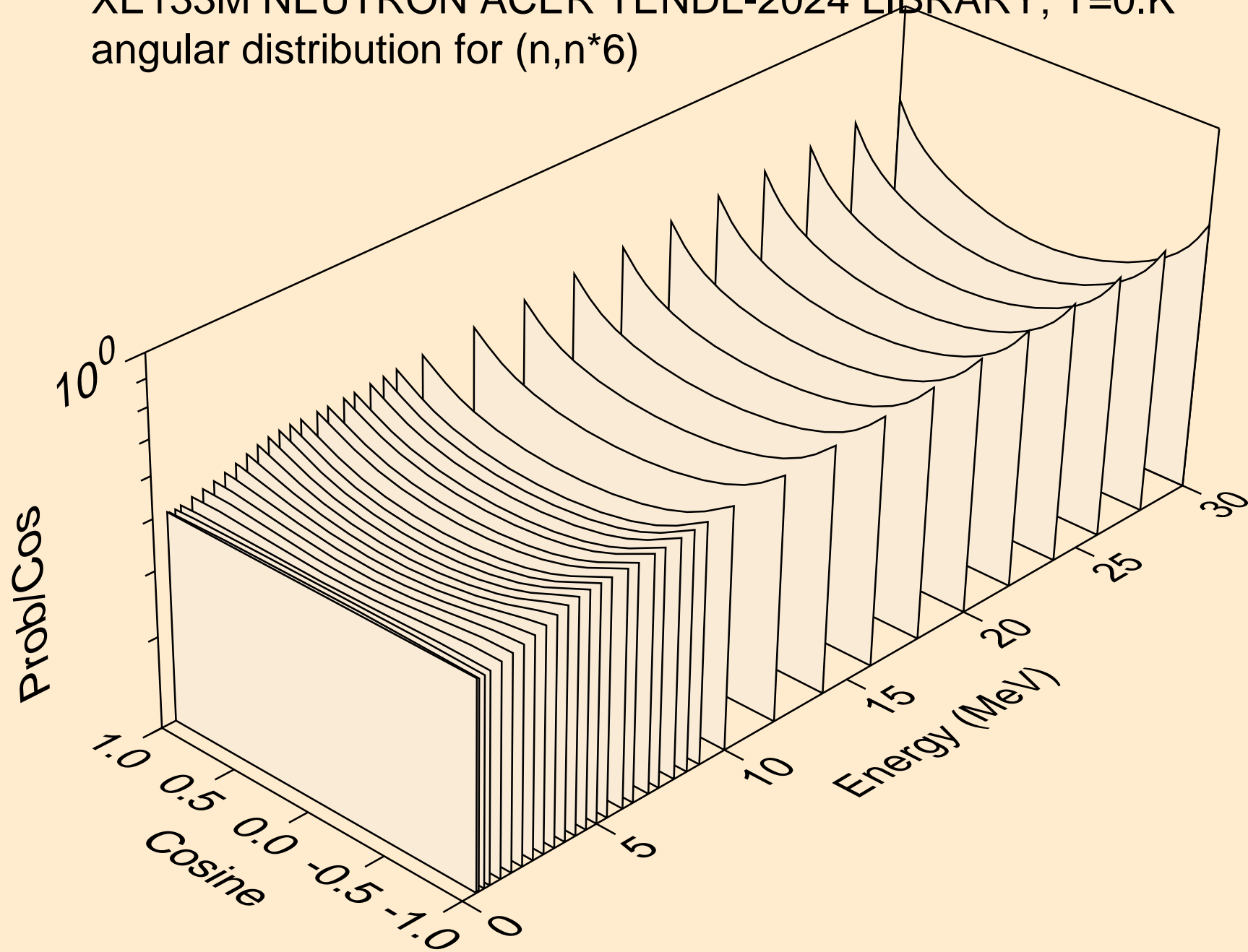
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angular distribution for (n,n\*4)



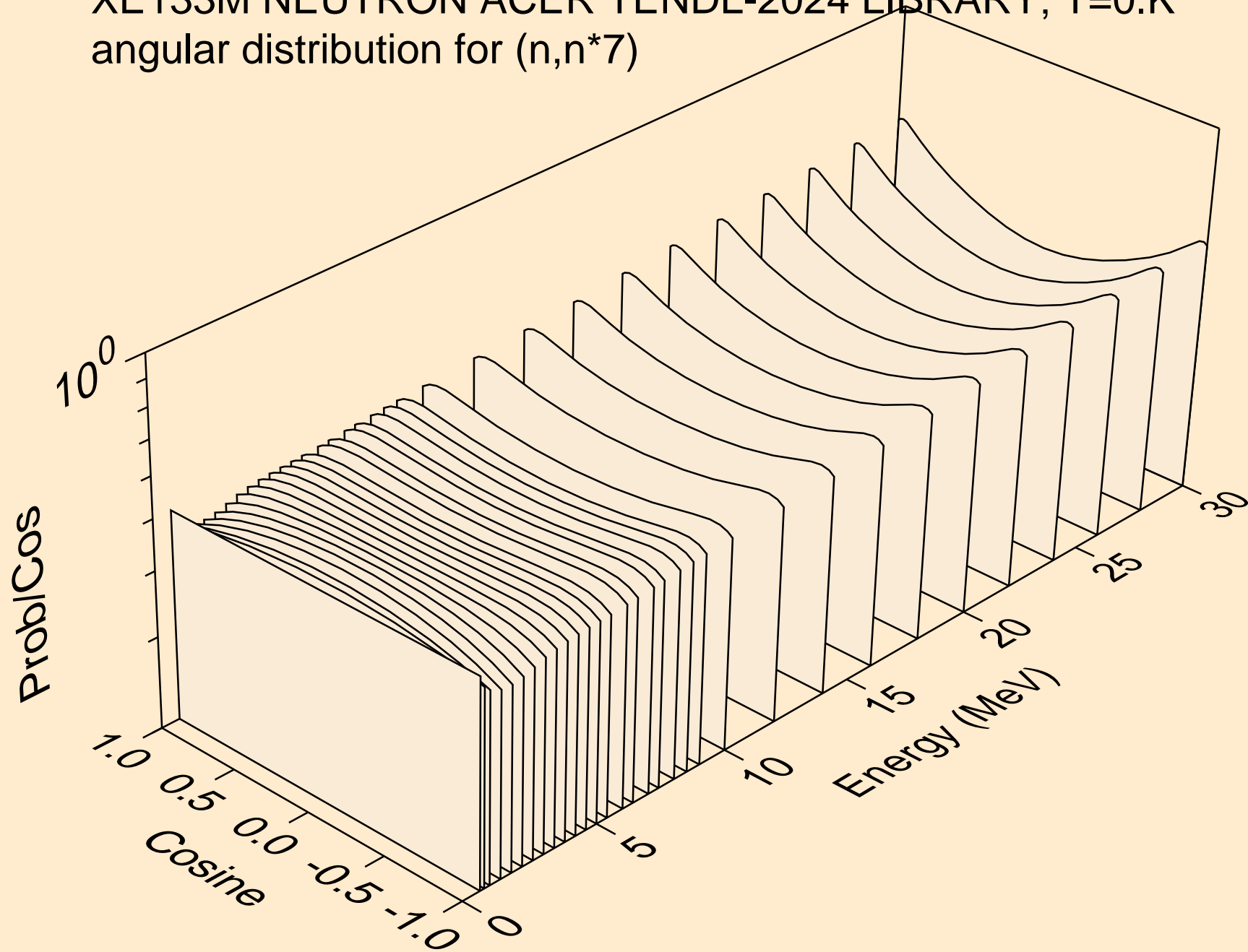
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angular distribution for (n,n\*5)



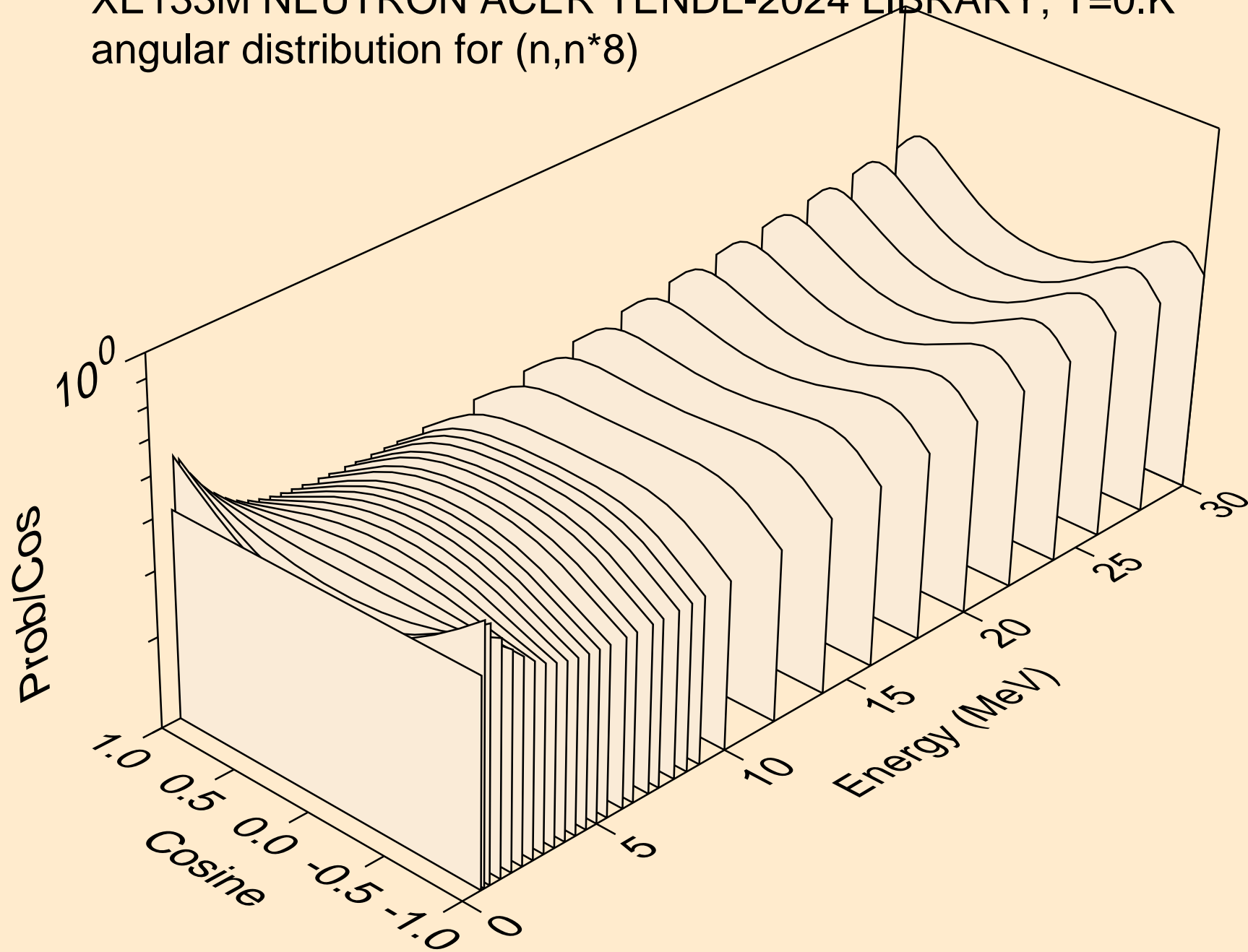
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angular distribution for (n,n\*6)



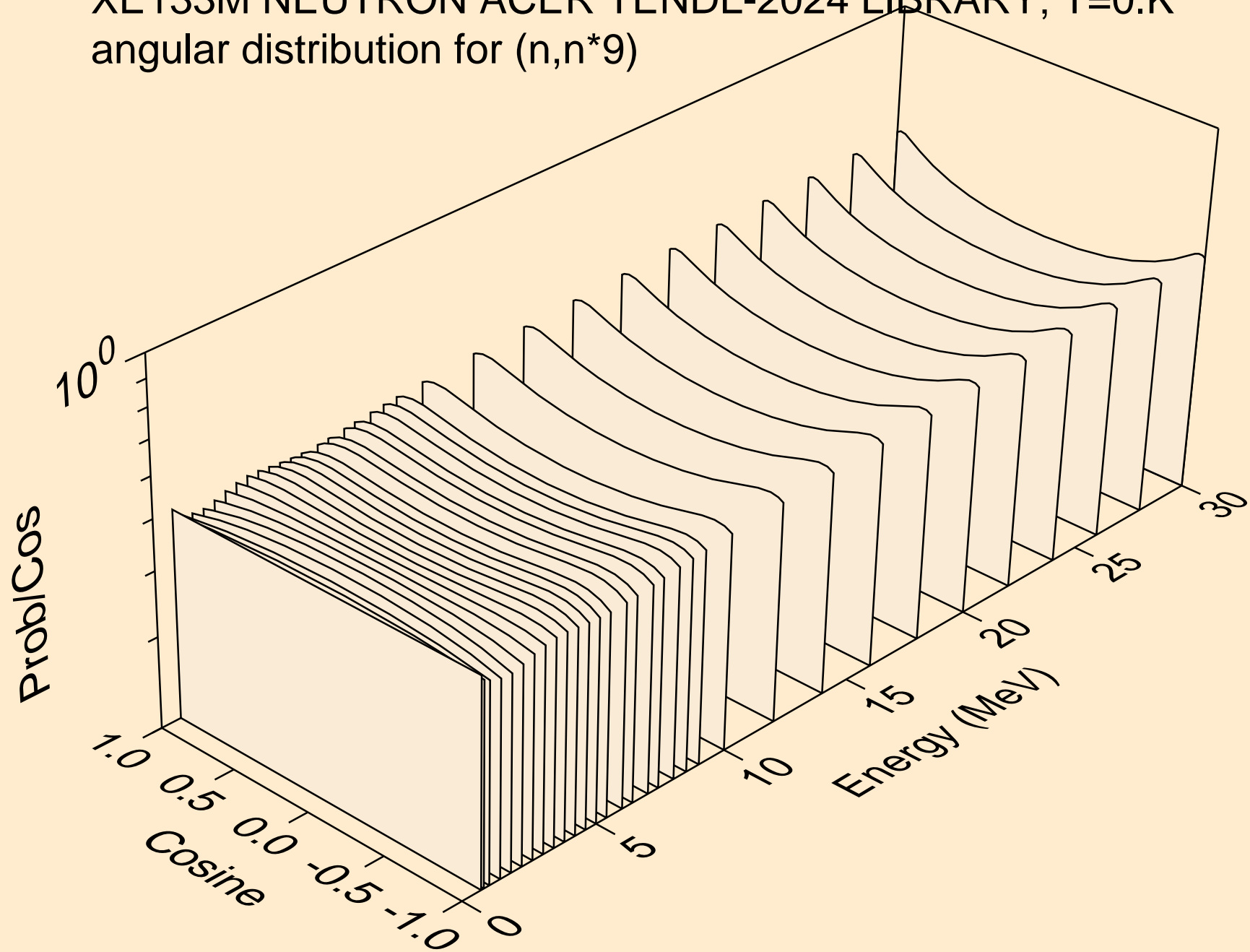
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angular distribution for (n,n\*7)



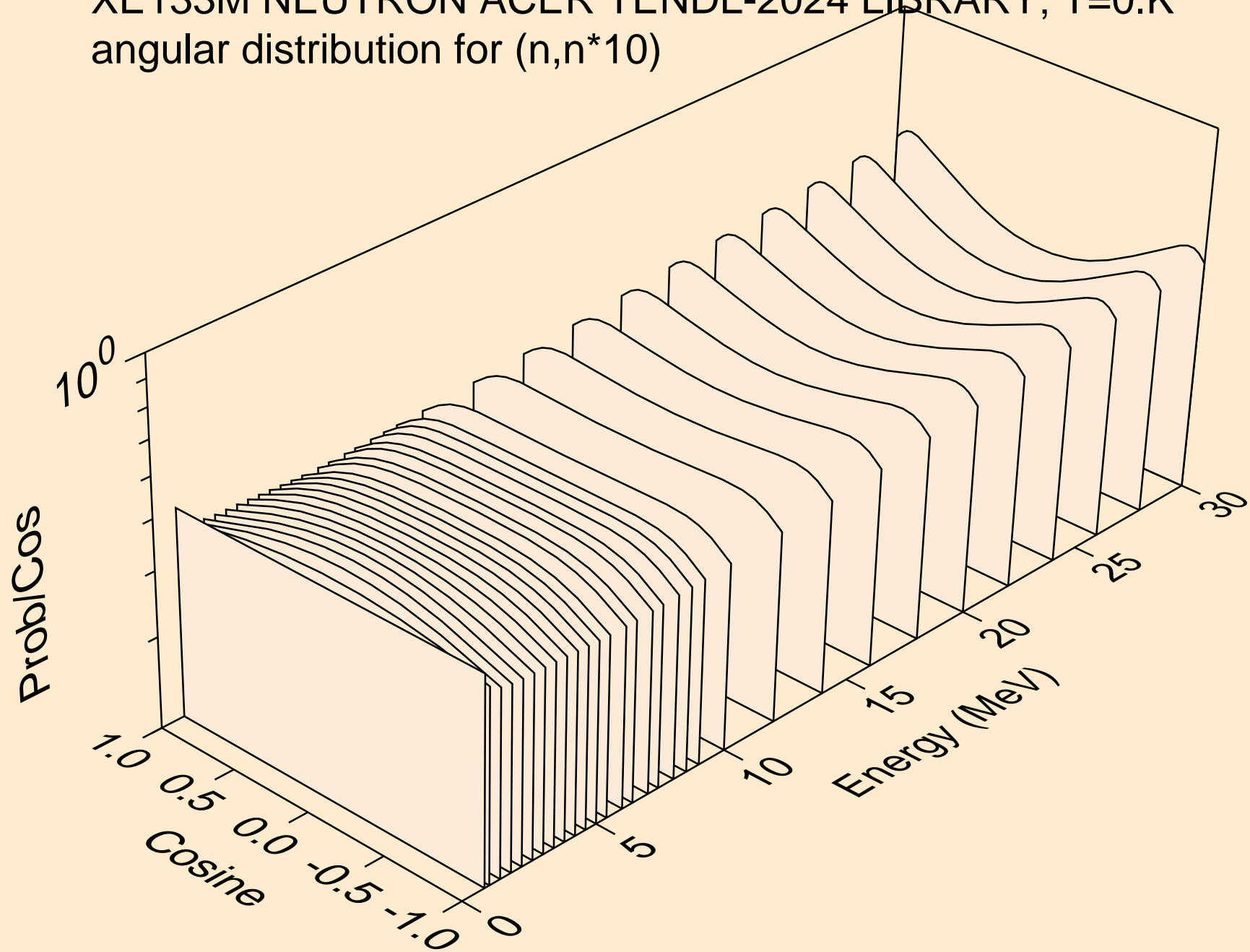
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

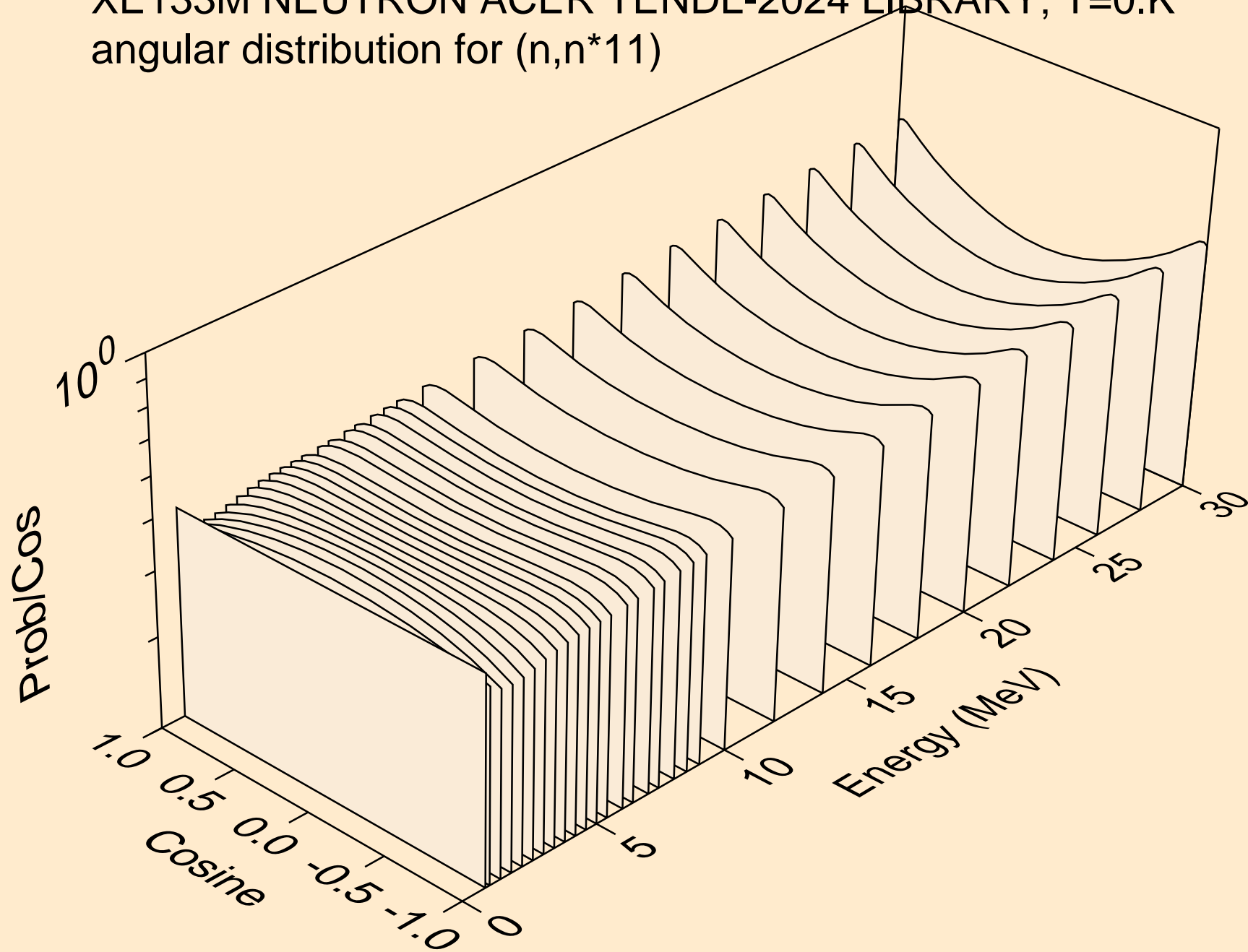


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

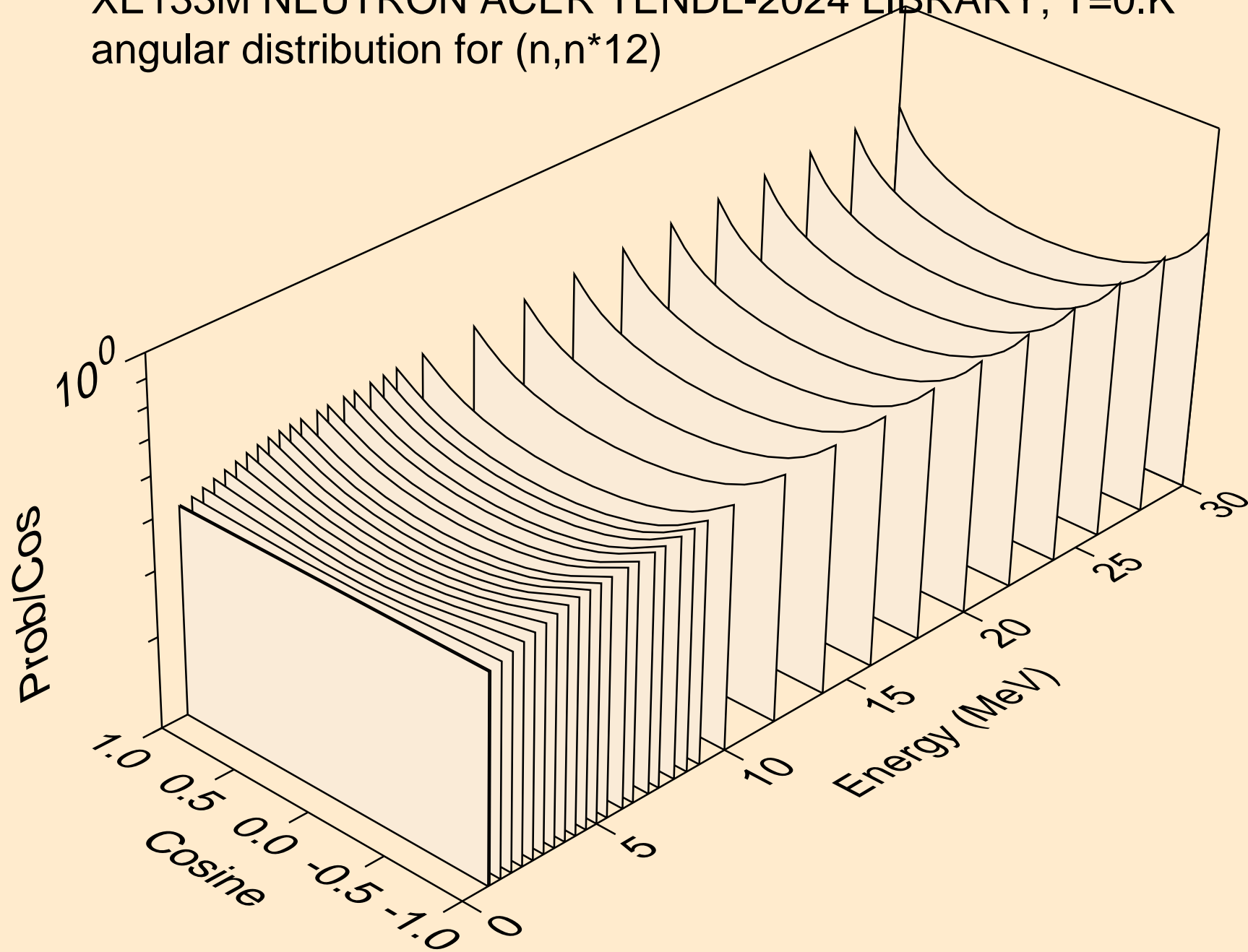




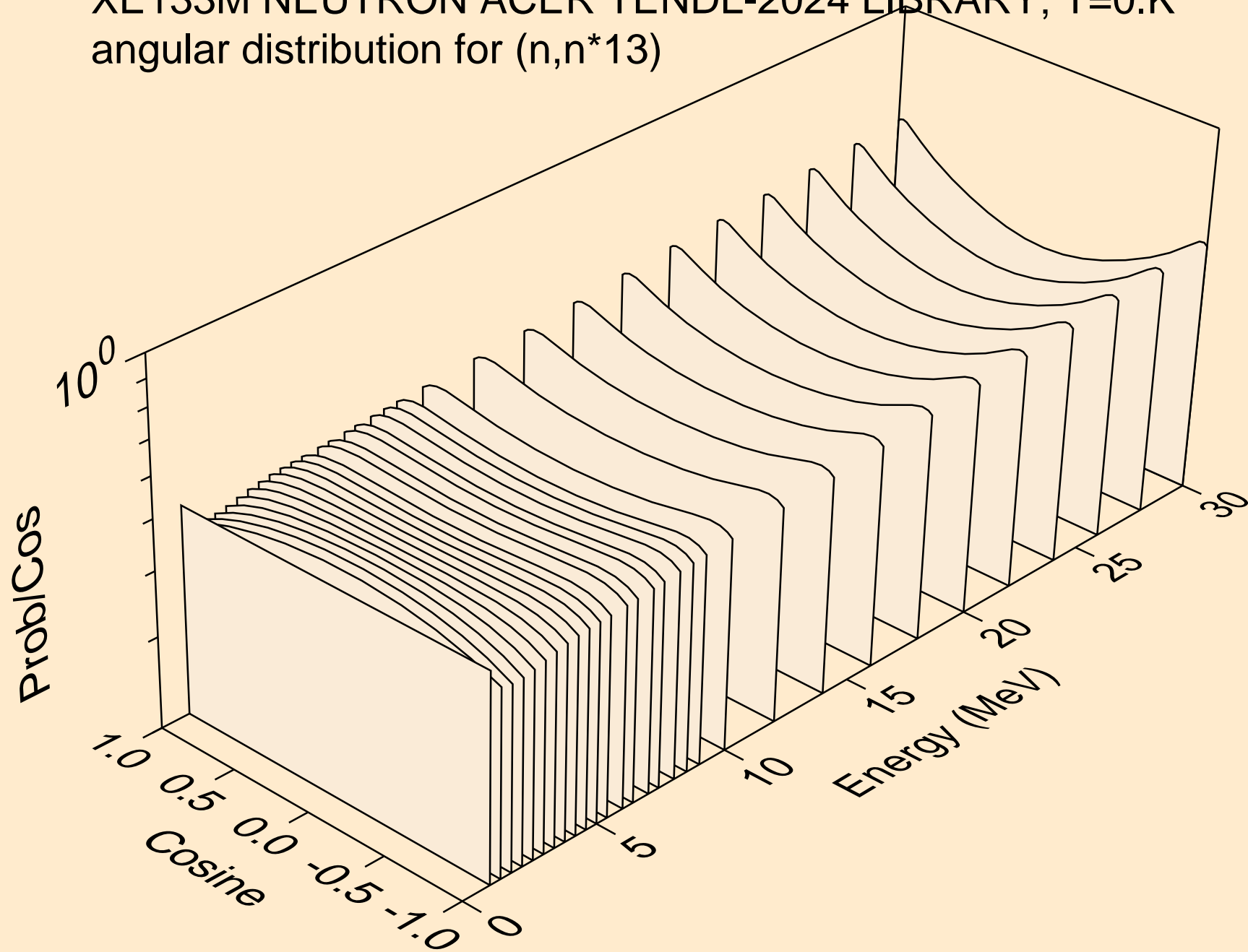
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angular distribution for (n,n\*11)



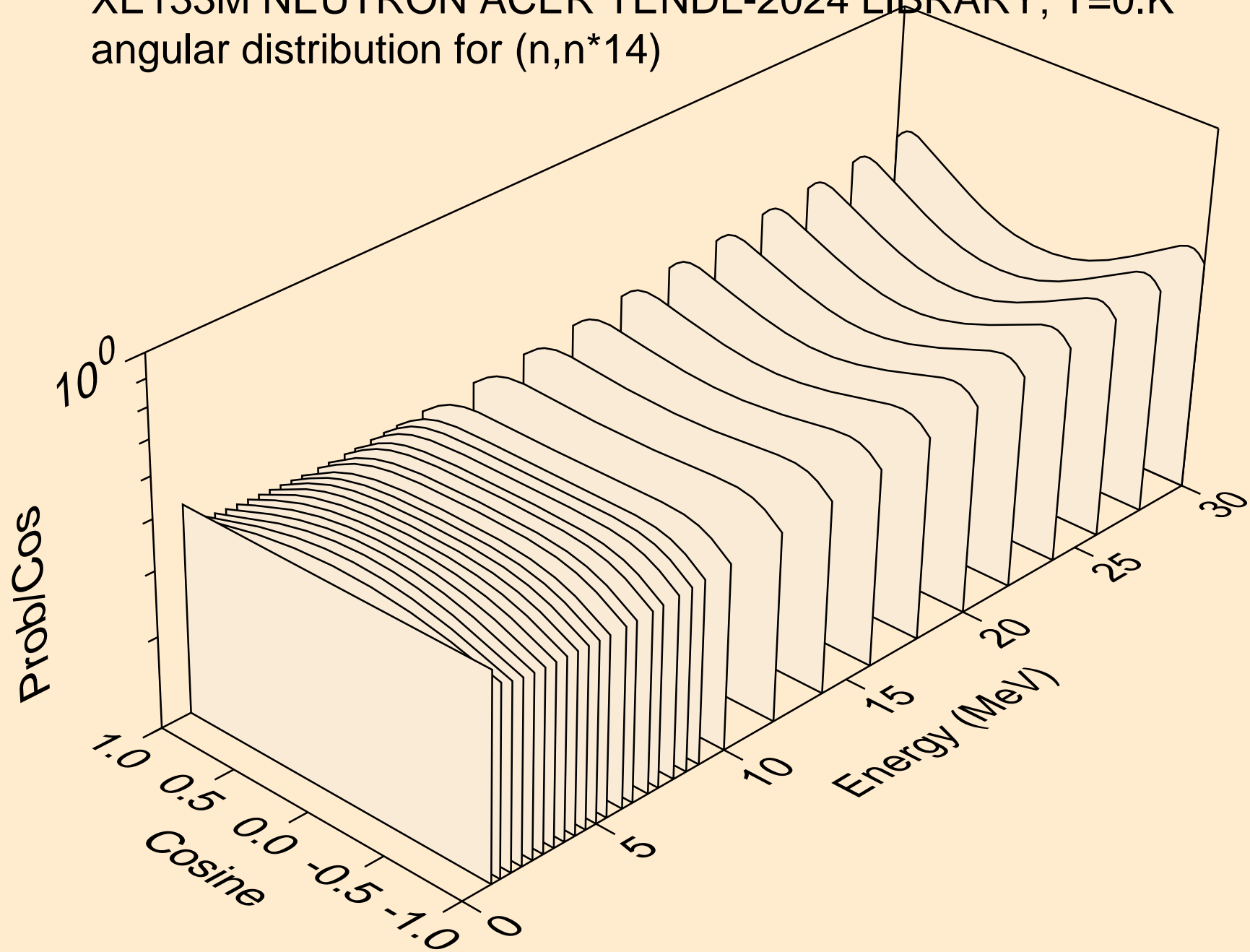
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angular distribution for (n,n\*12)



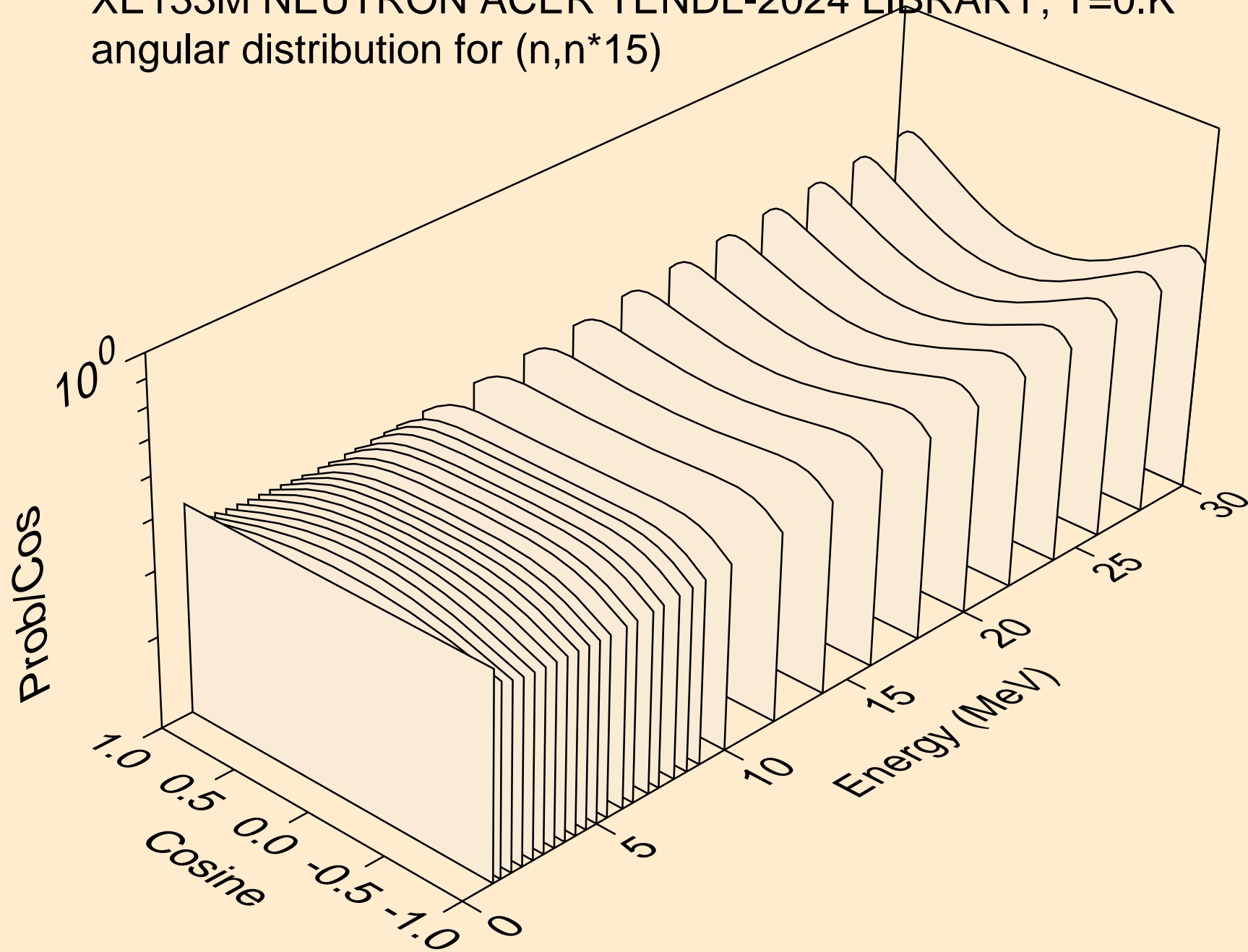
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angular distribution for (n,n\*13)



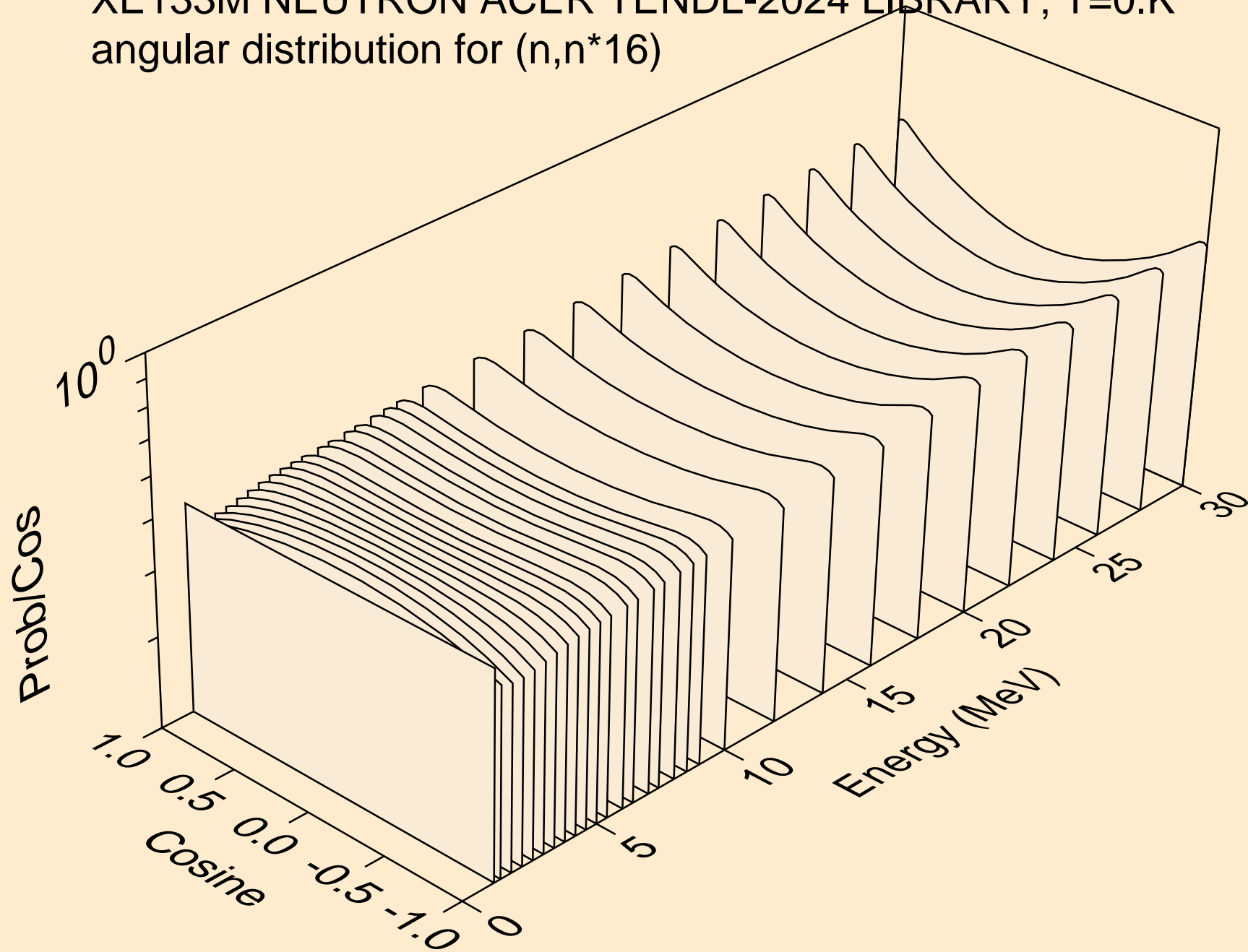
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angular distribution for (n,n\*14)



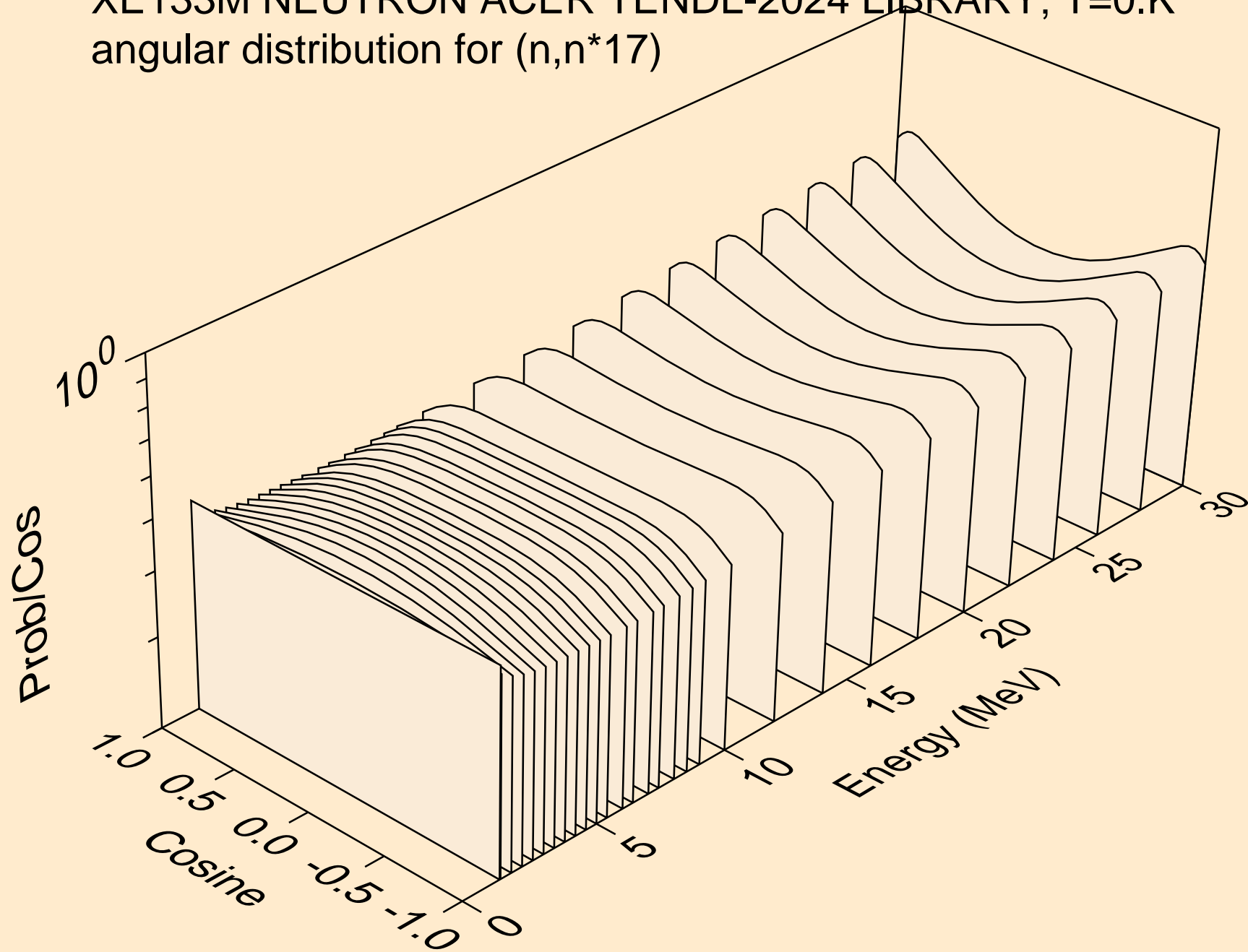
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angular distribution for (n,n\*15)



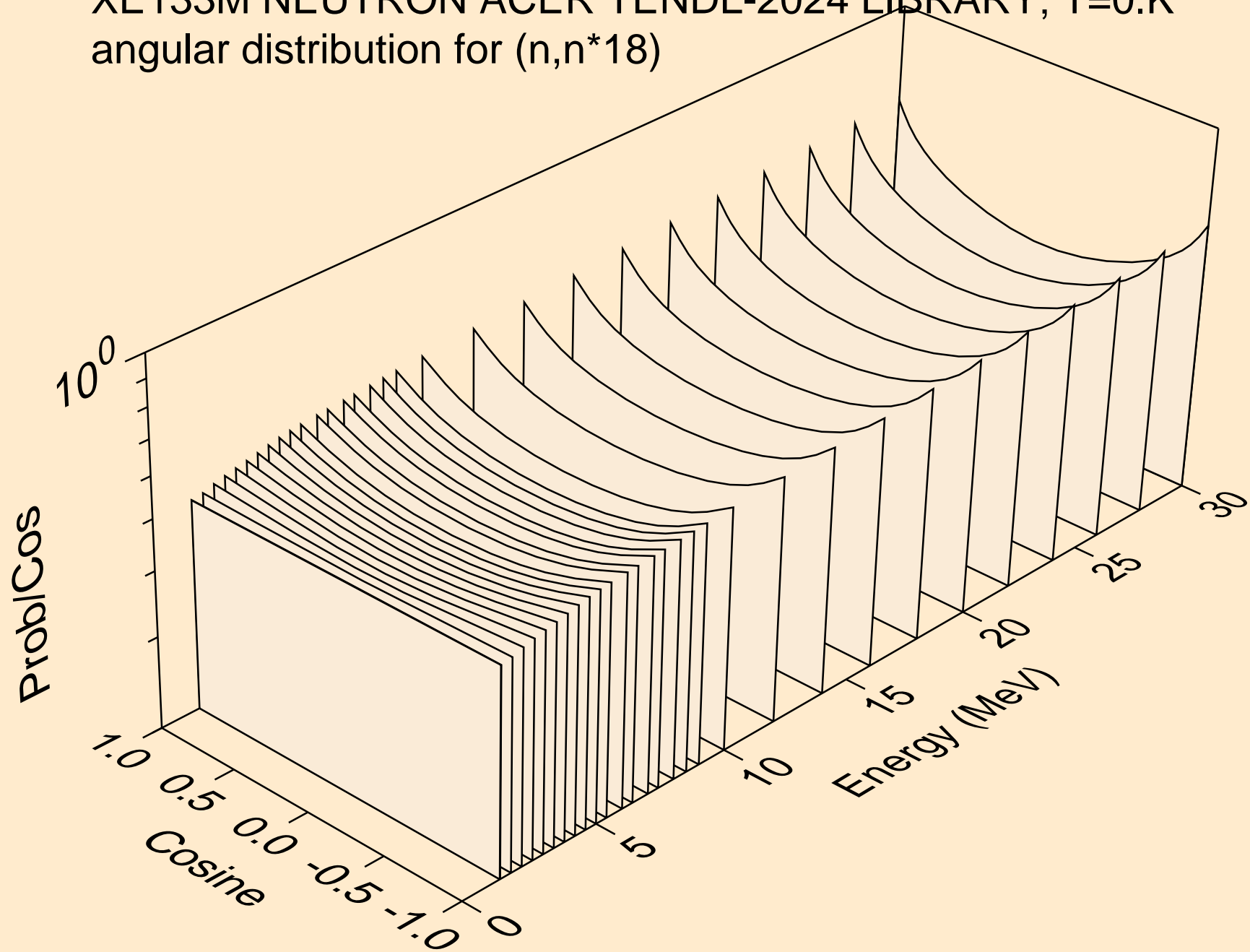
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

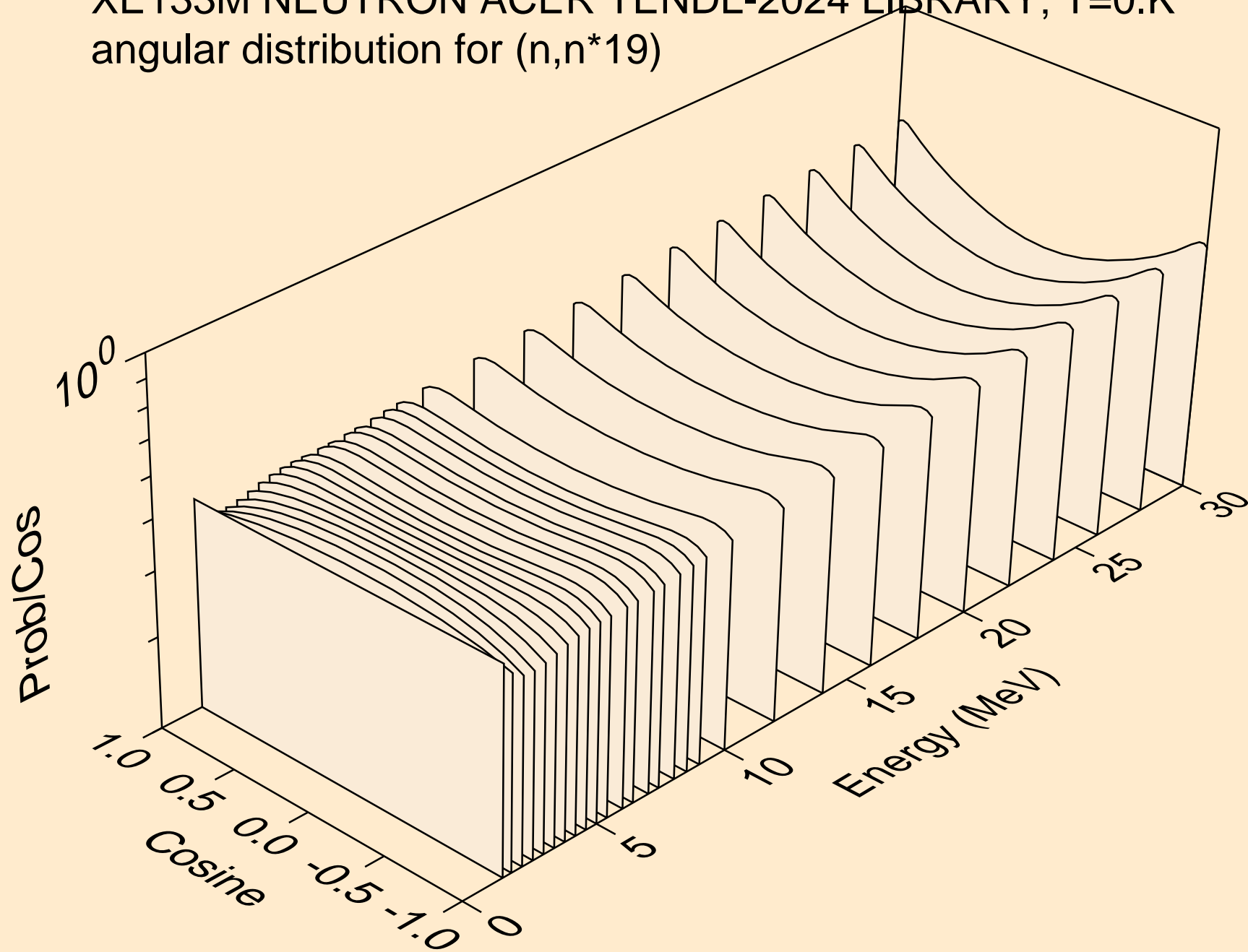


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angular distribution for (n,n\*18)

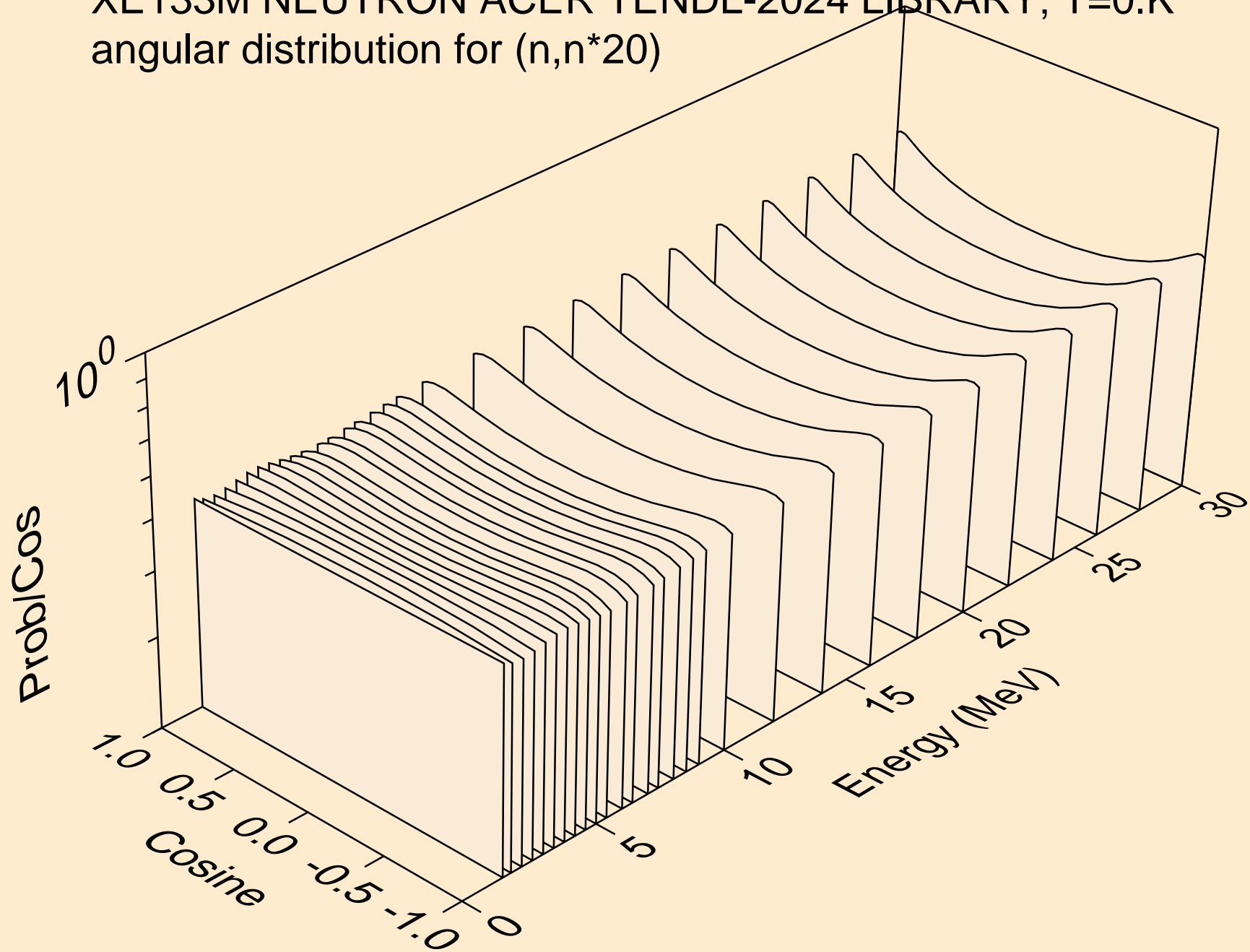




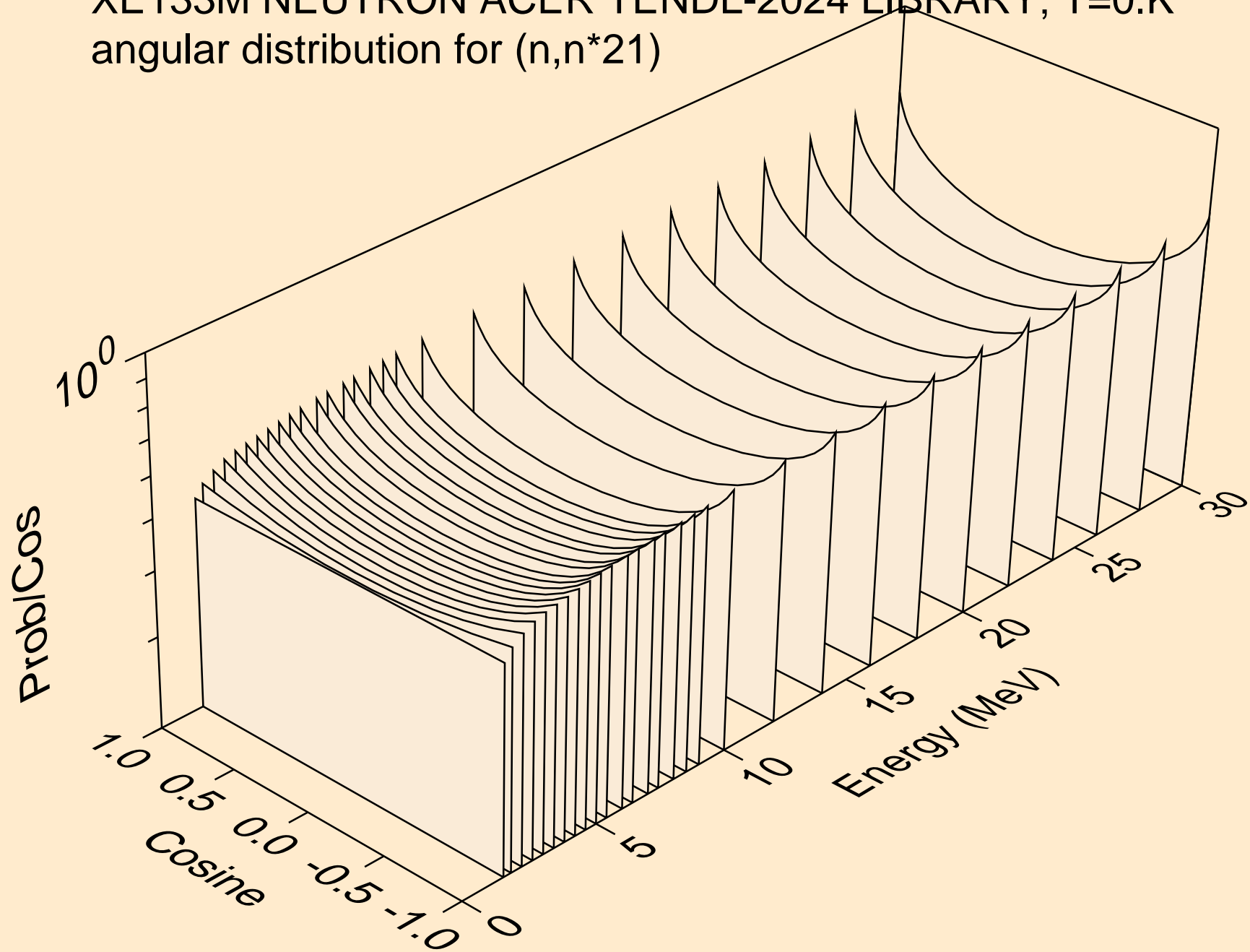
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angular distribution for (n,n\*19)



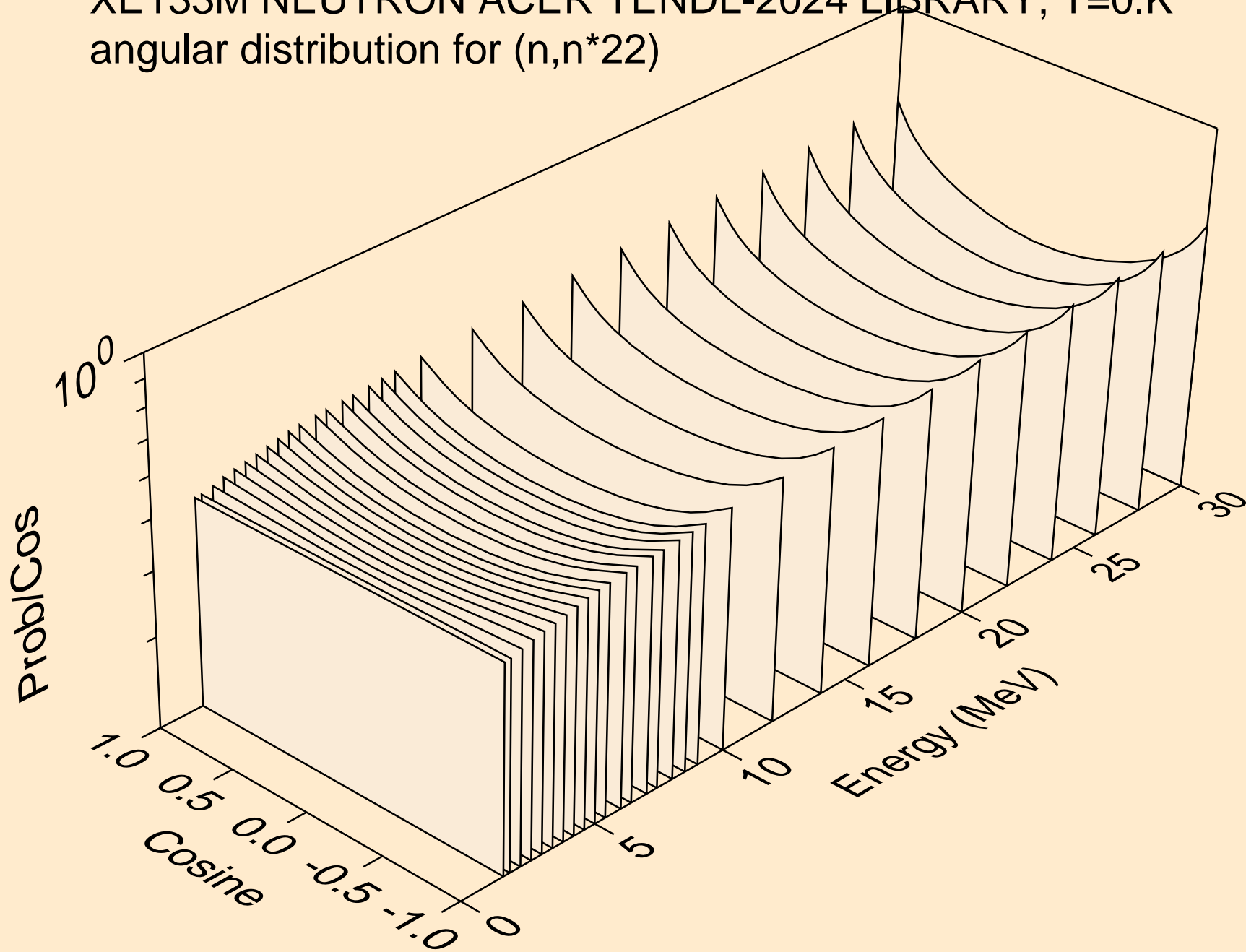
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angular distribution for (n,n\*20)



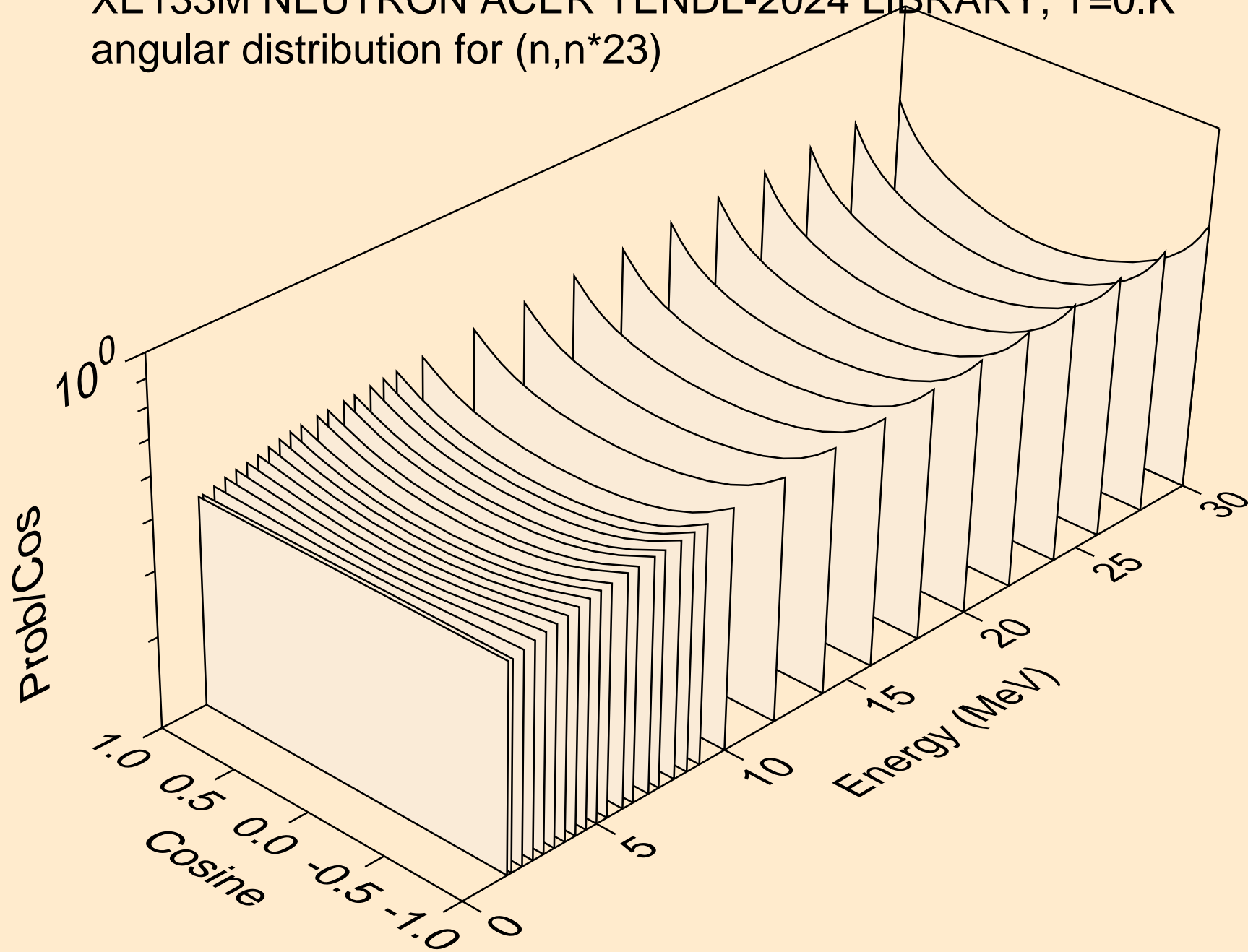
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angular distribution for (n,n\*21)



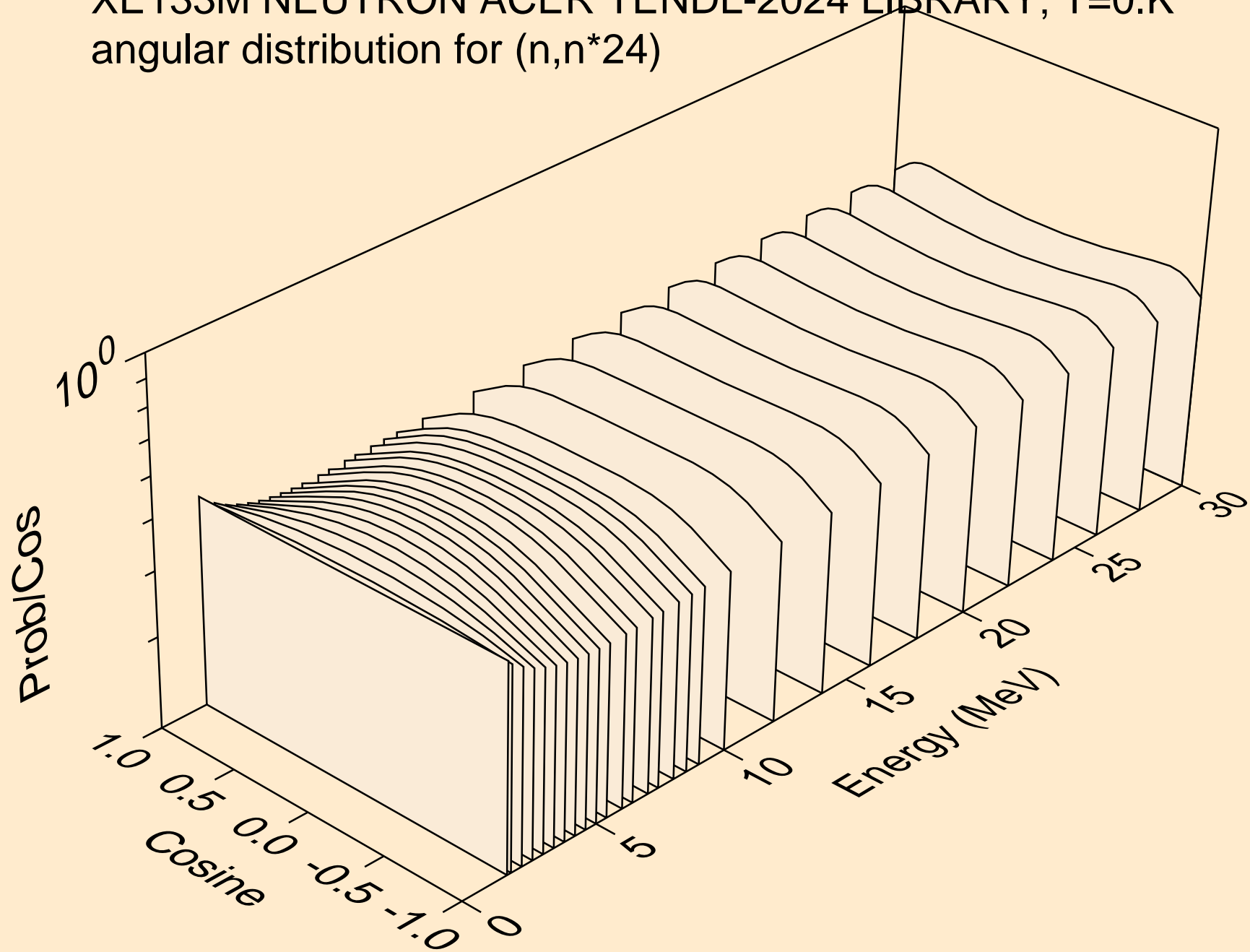
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angular distribution for (n,n\*22)



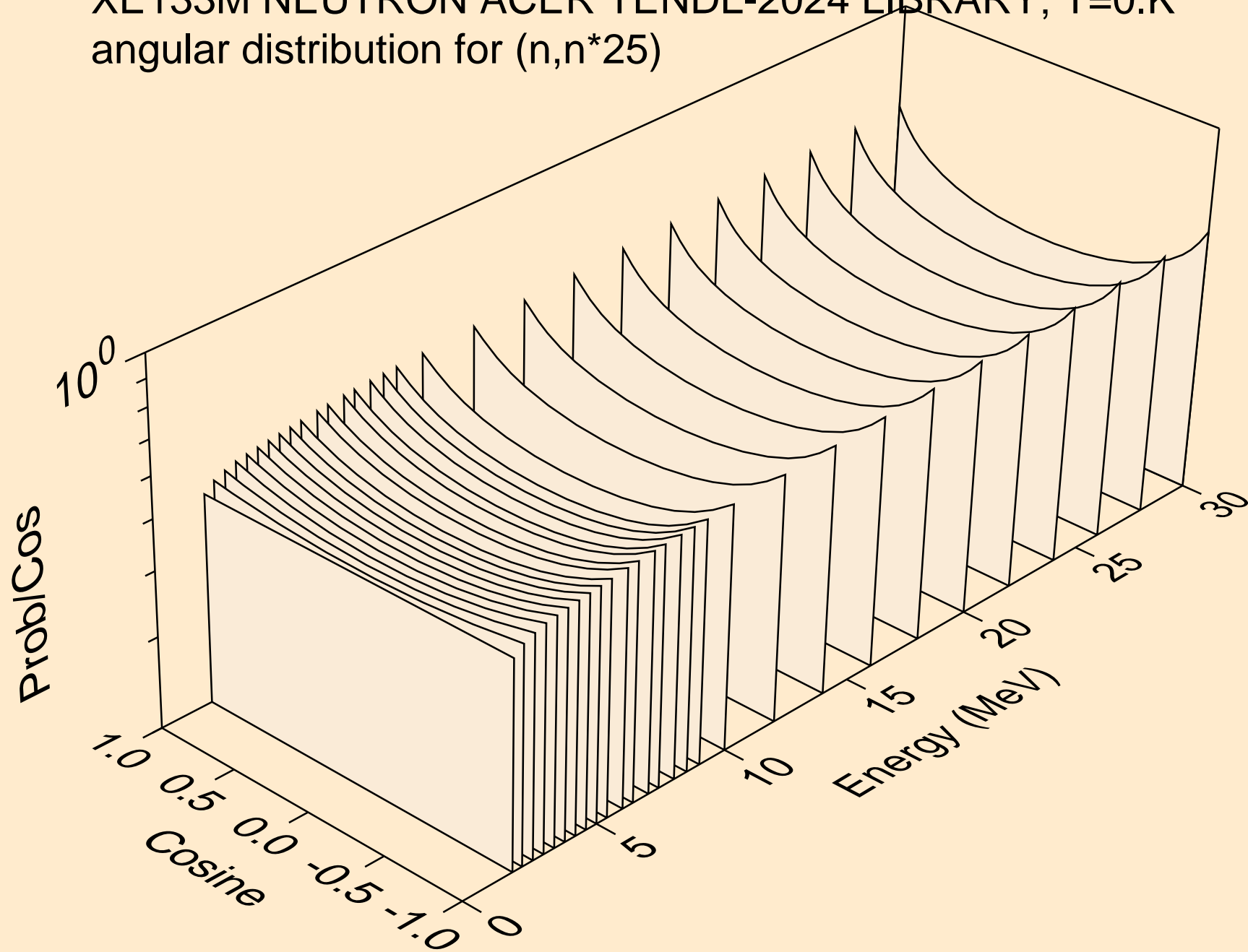
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angular distribution for (n,n\*23)



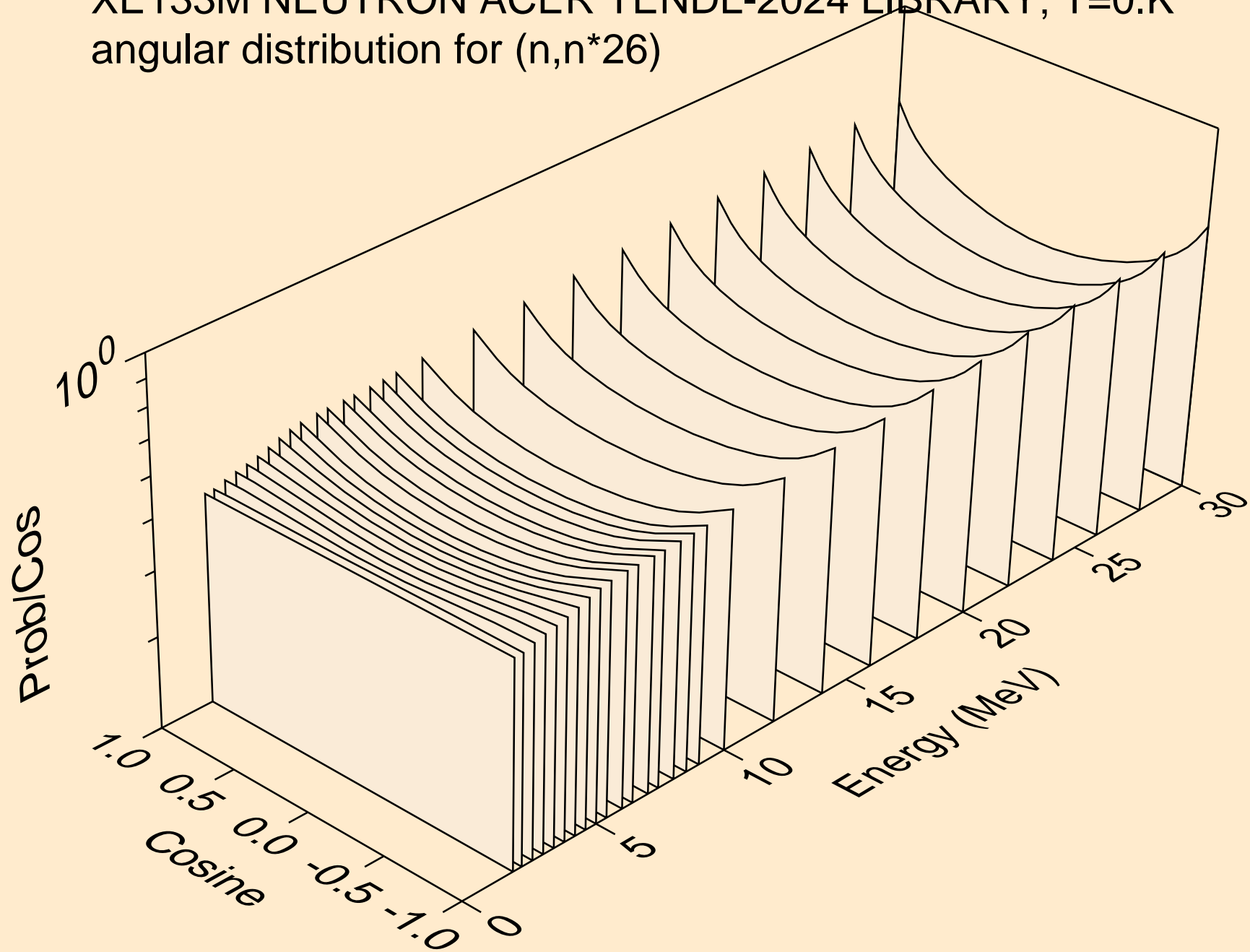
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

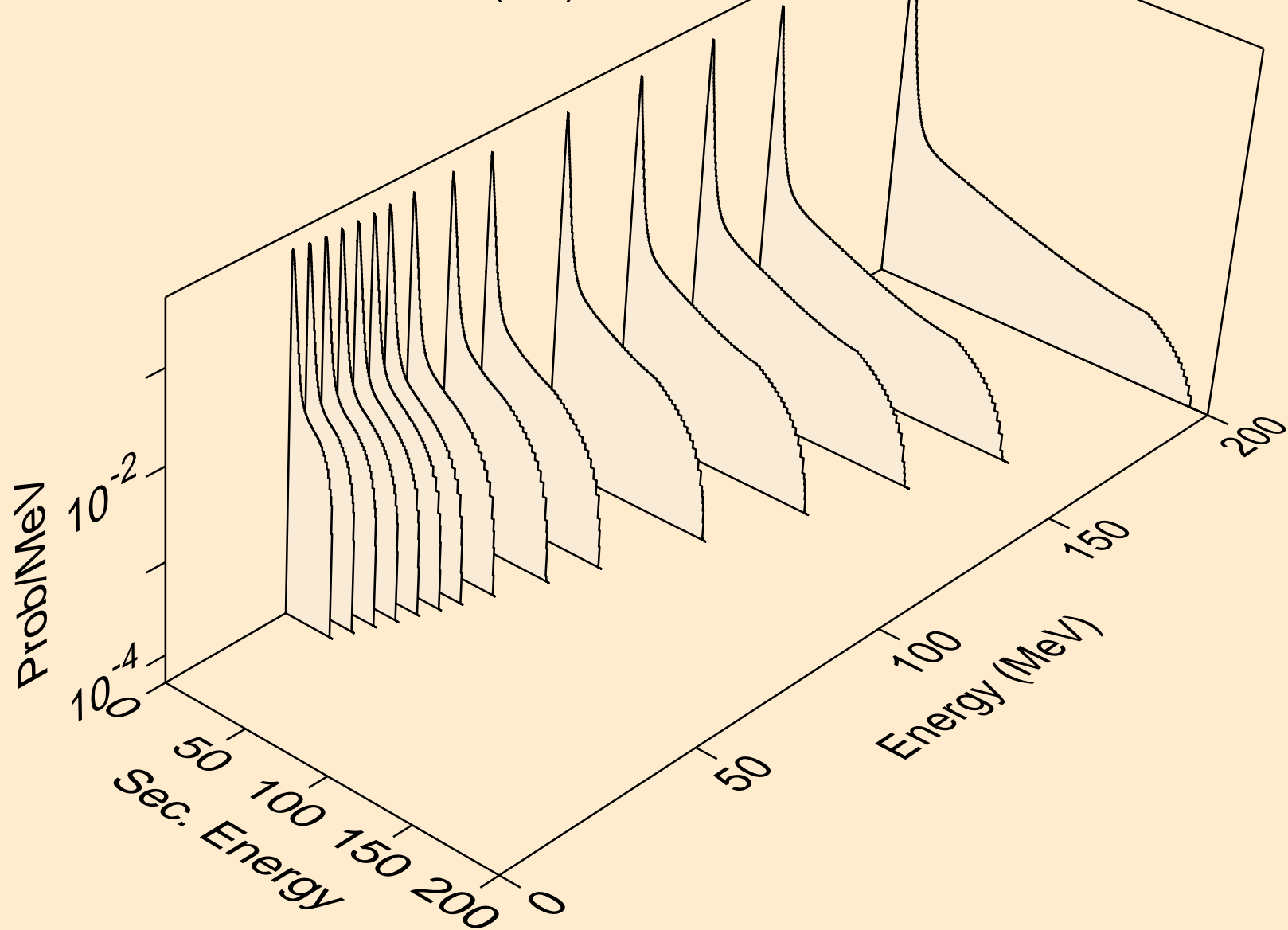


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

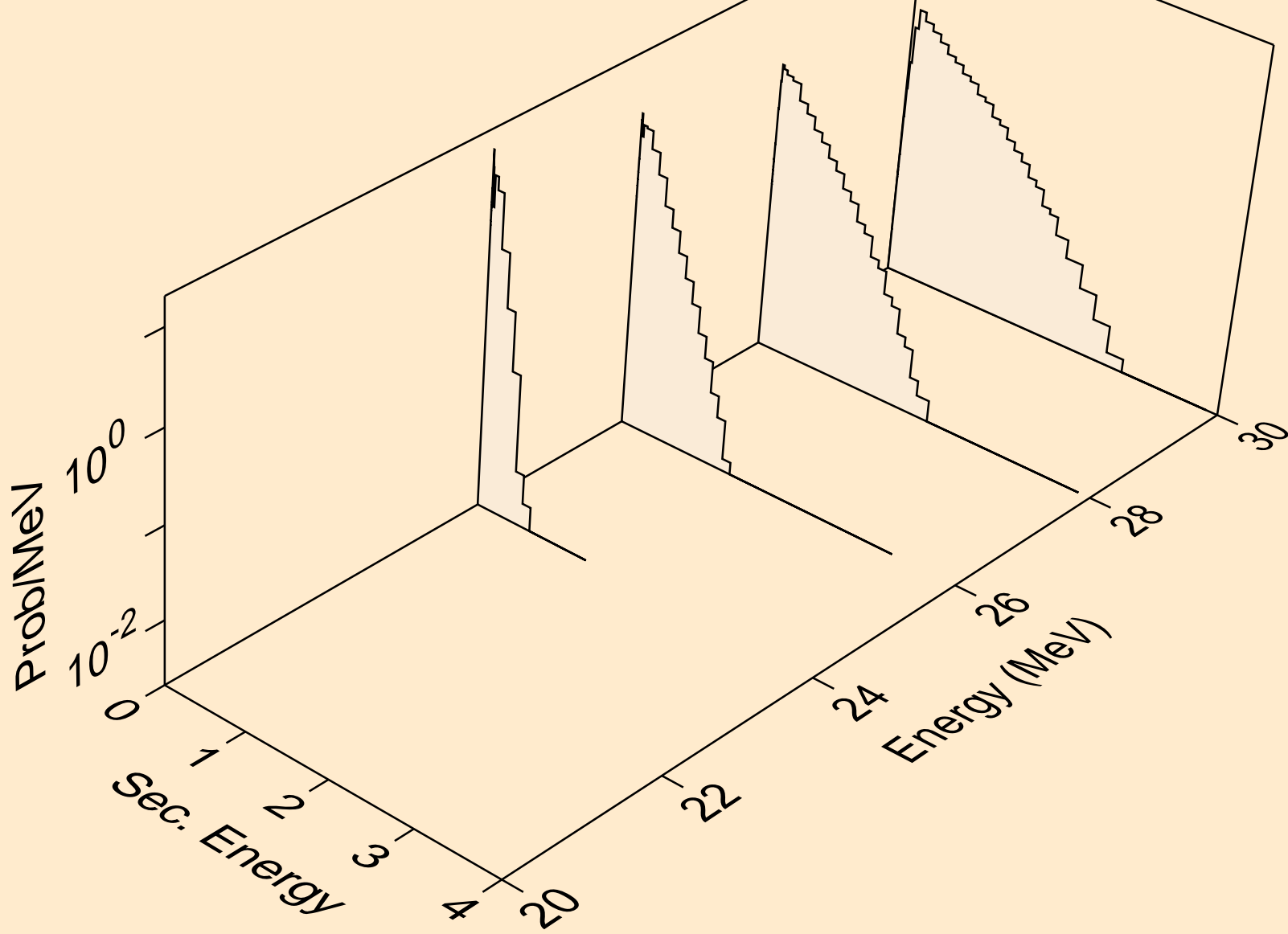




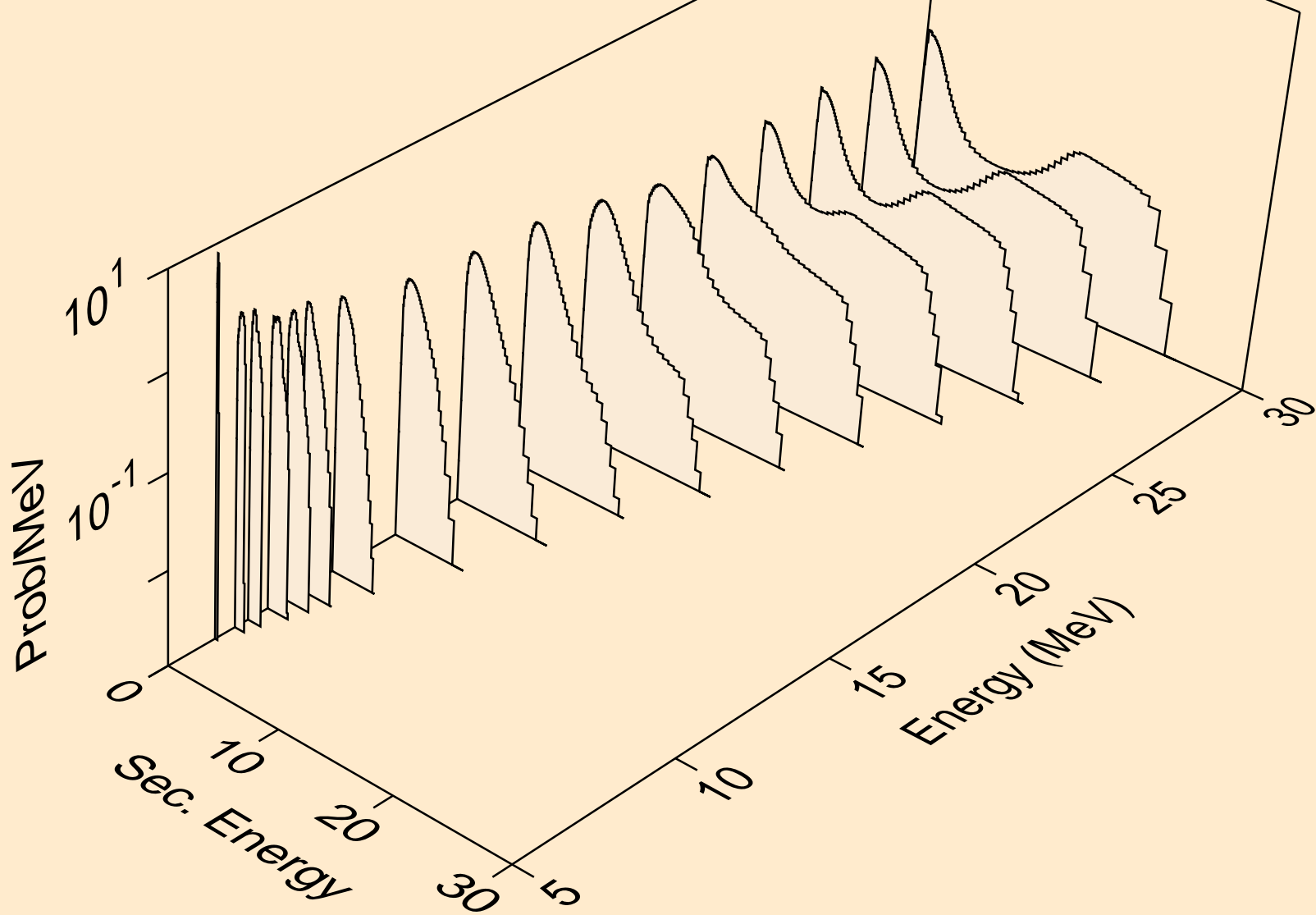
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Neutron emission for (n,x)



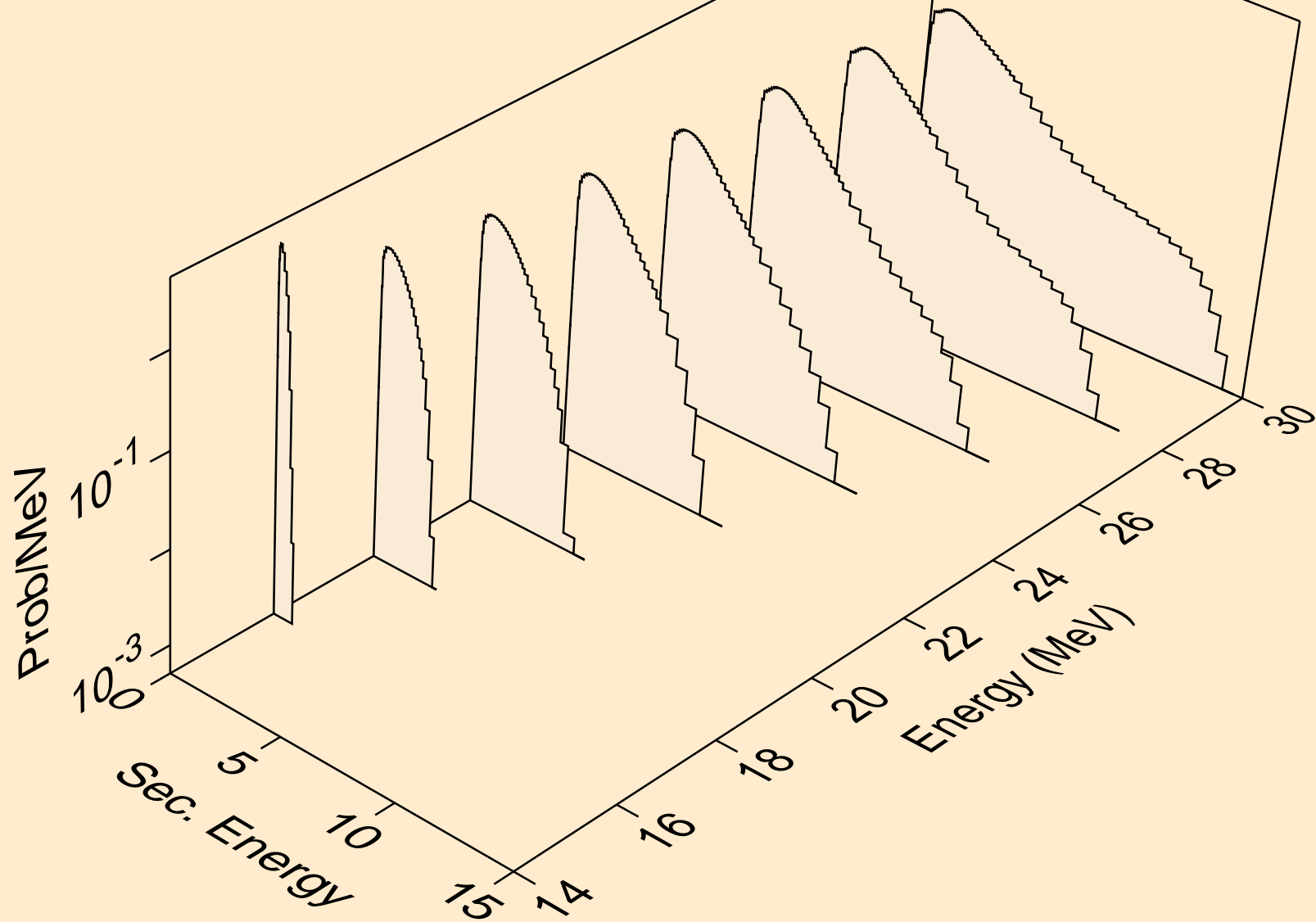
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



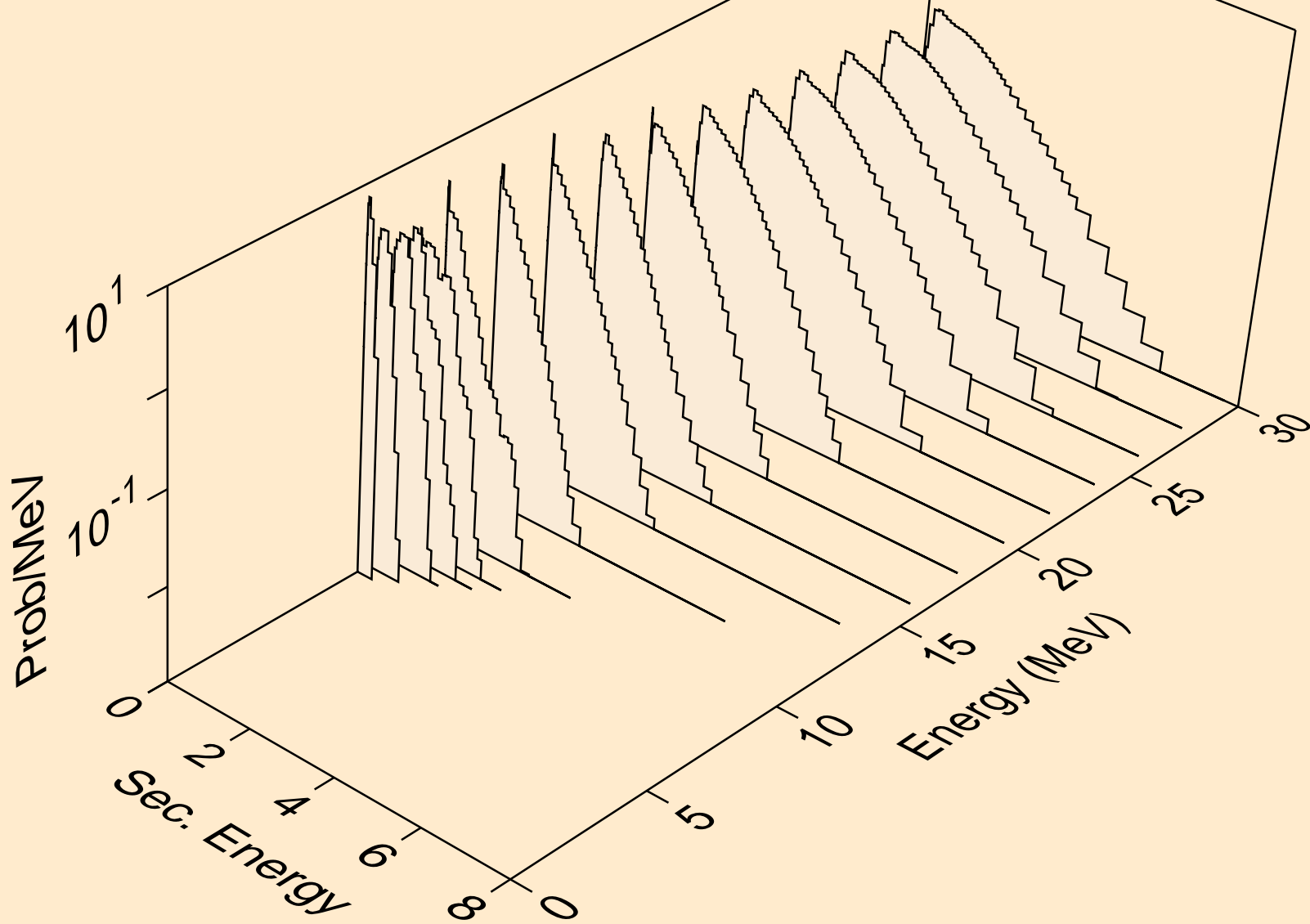
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



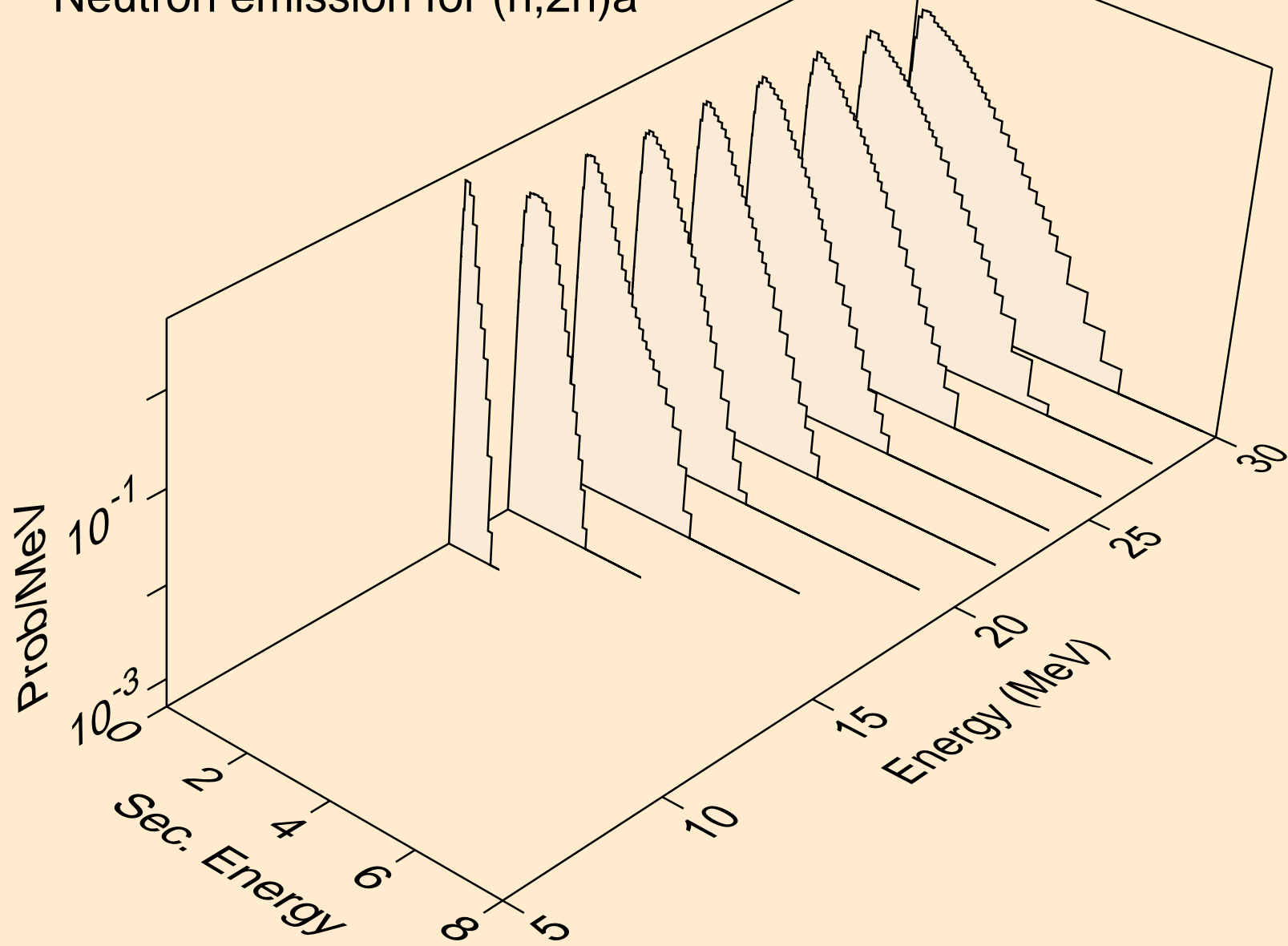
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



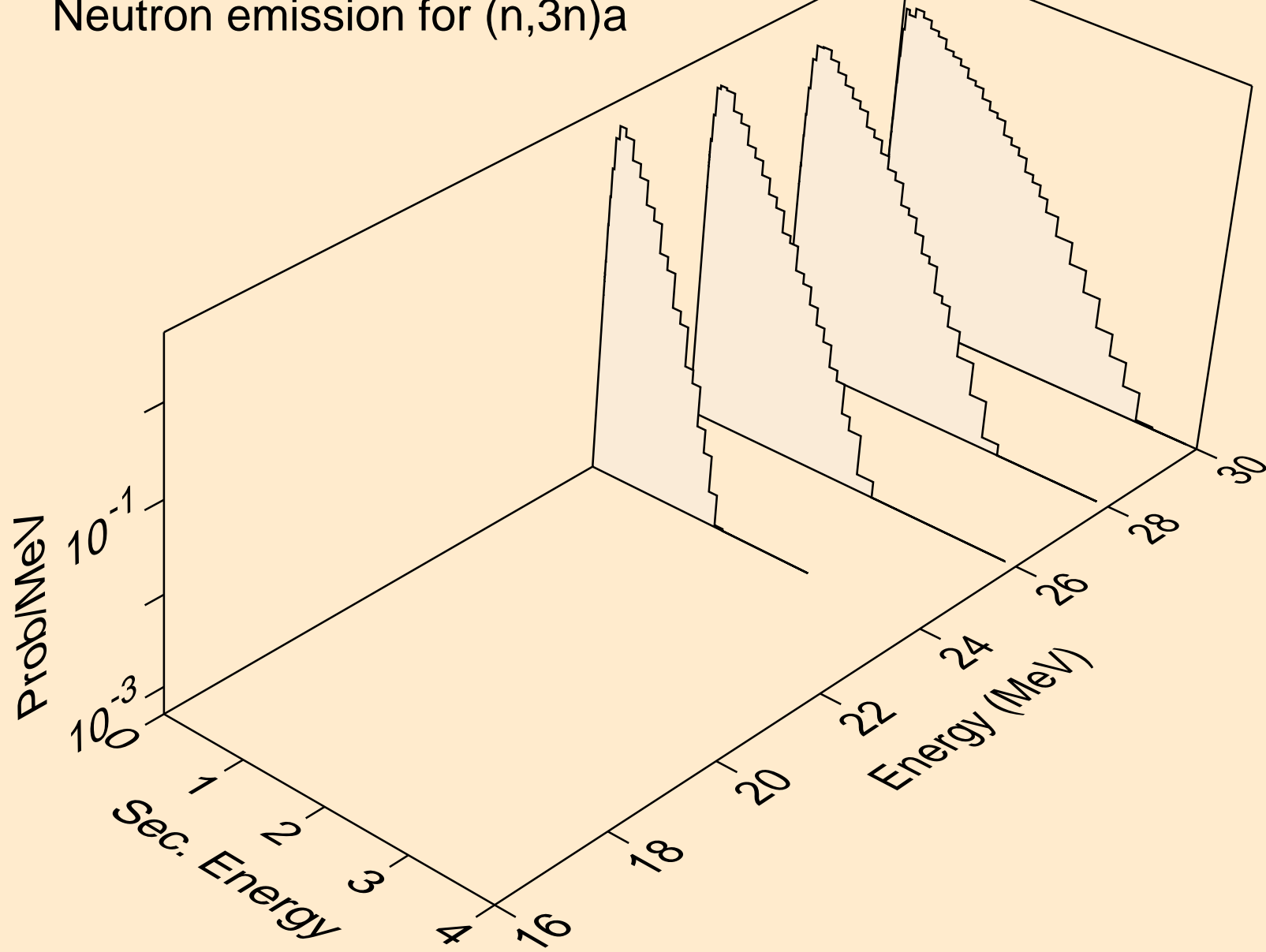
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



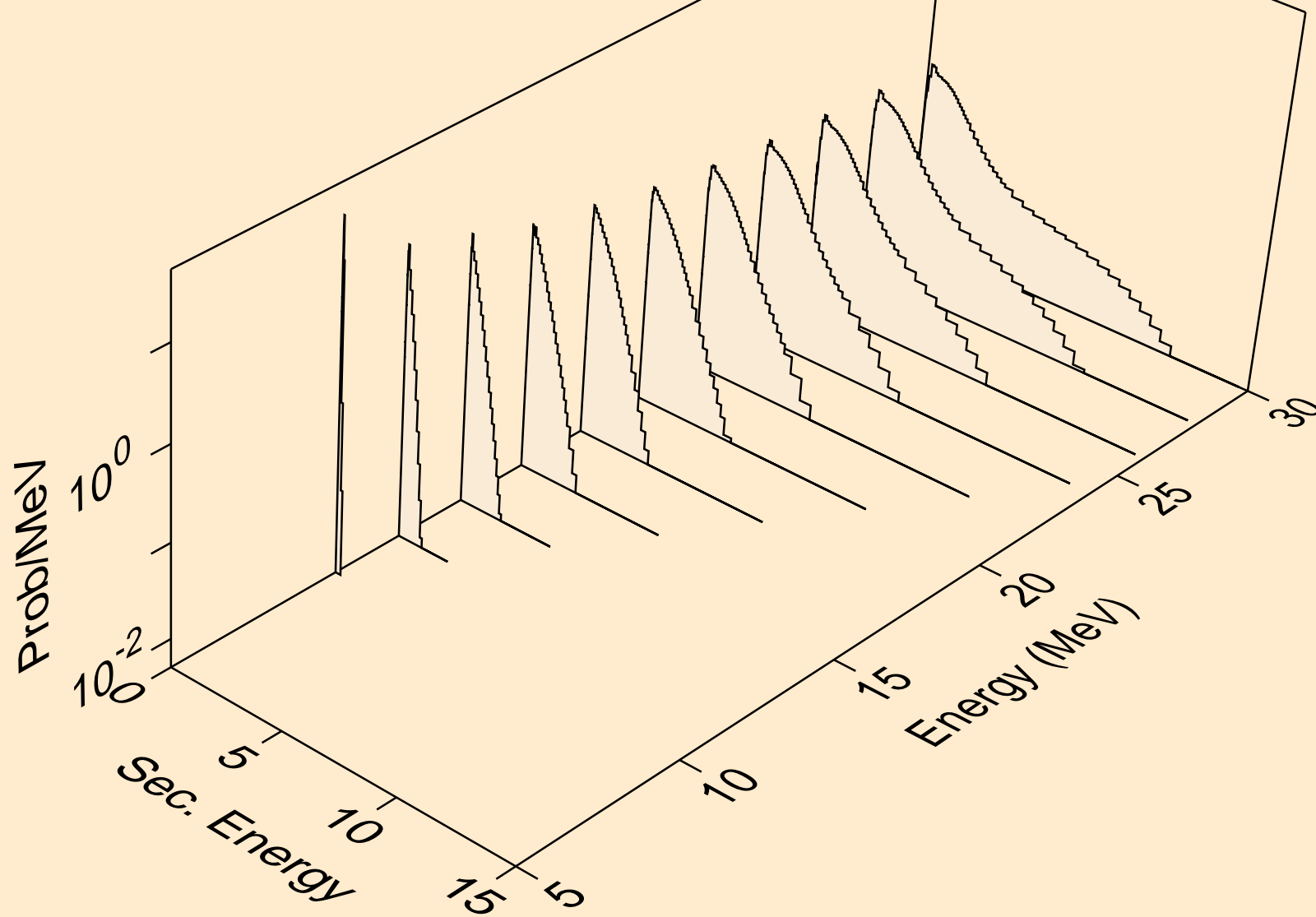
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

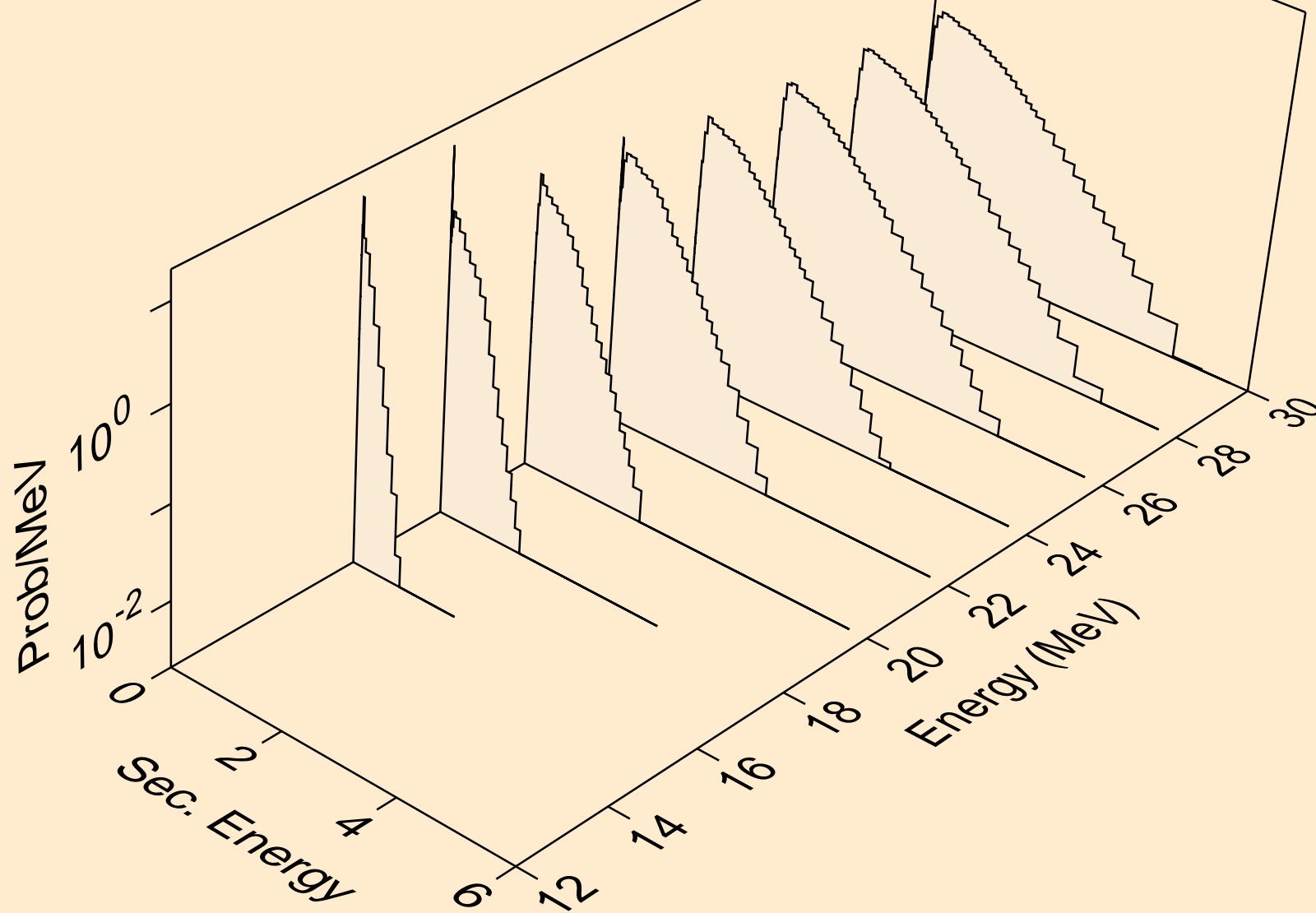


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

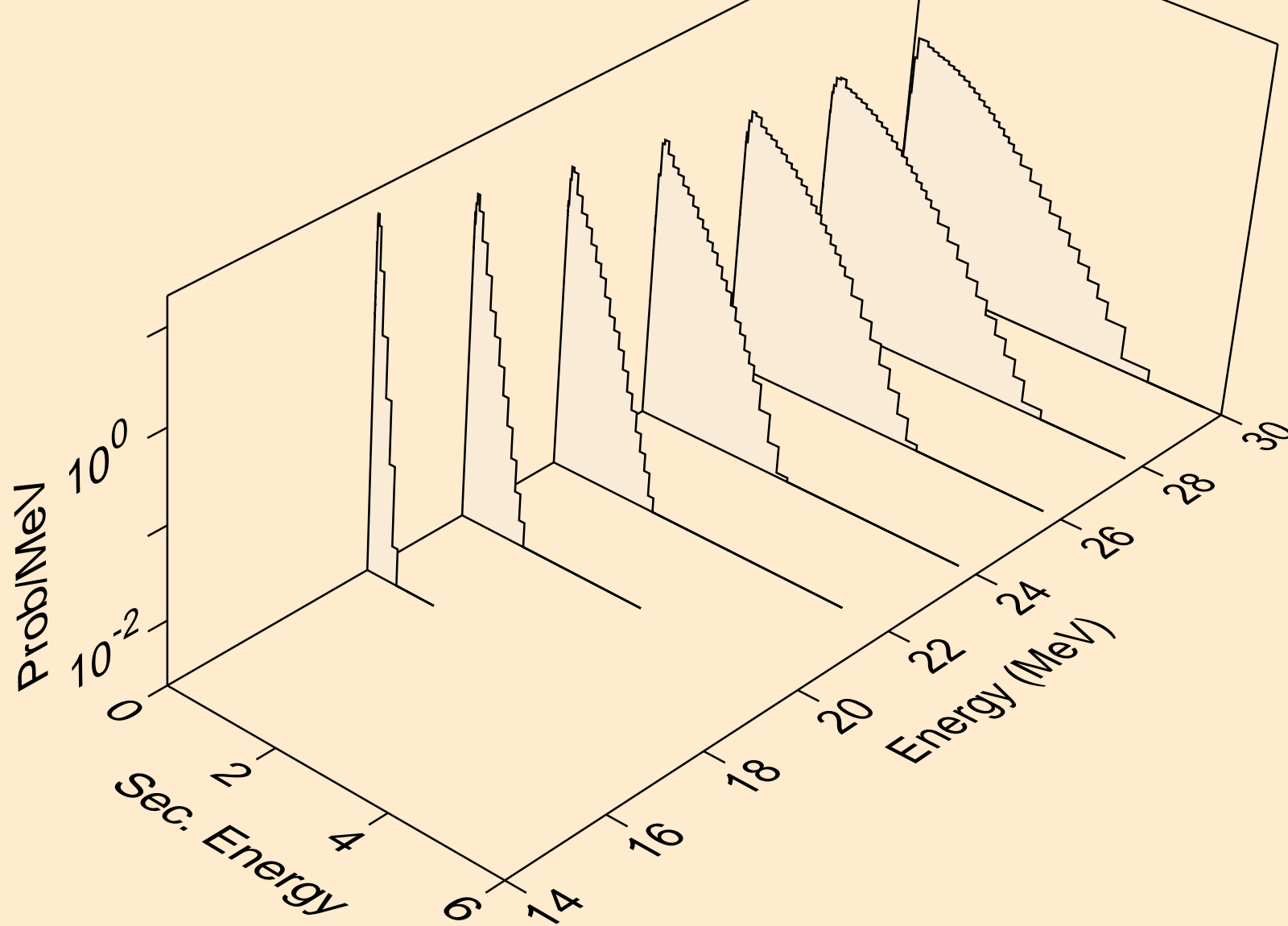




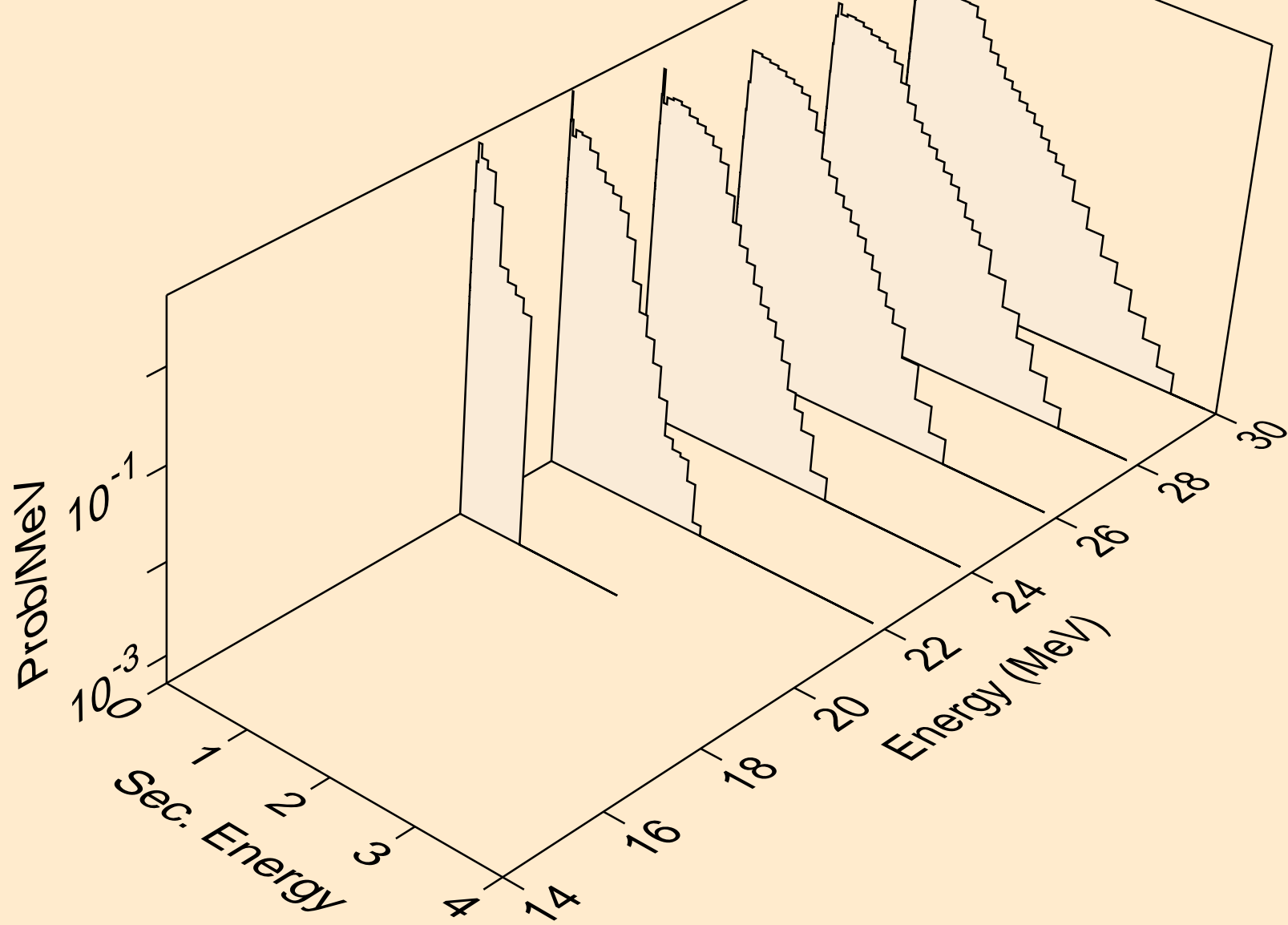
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



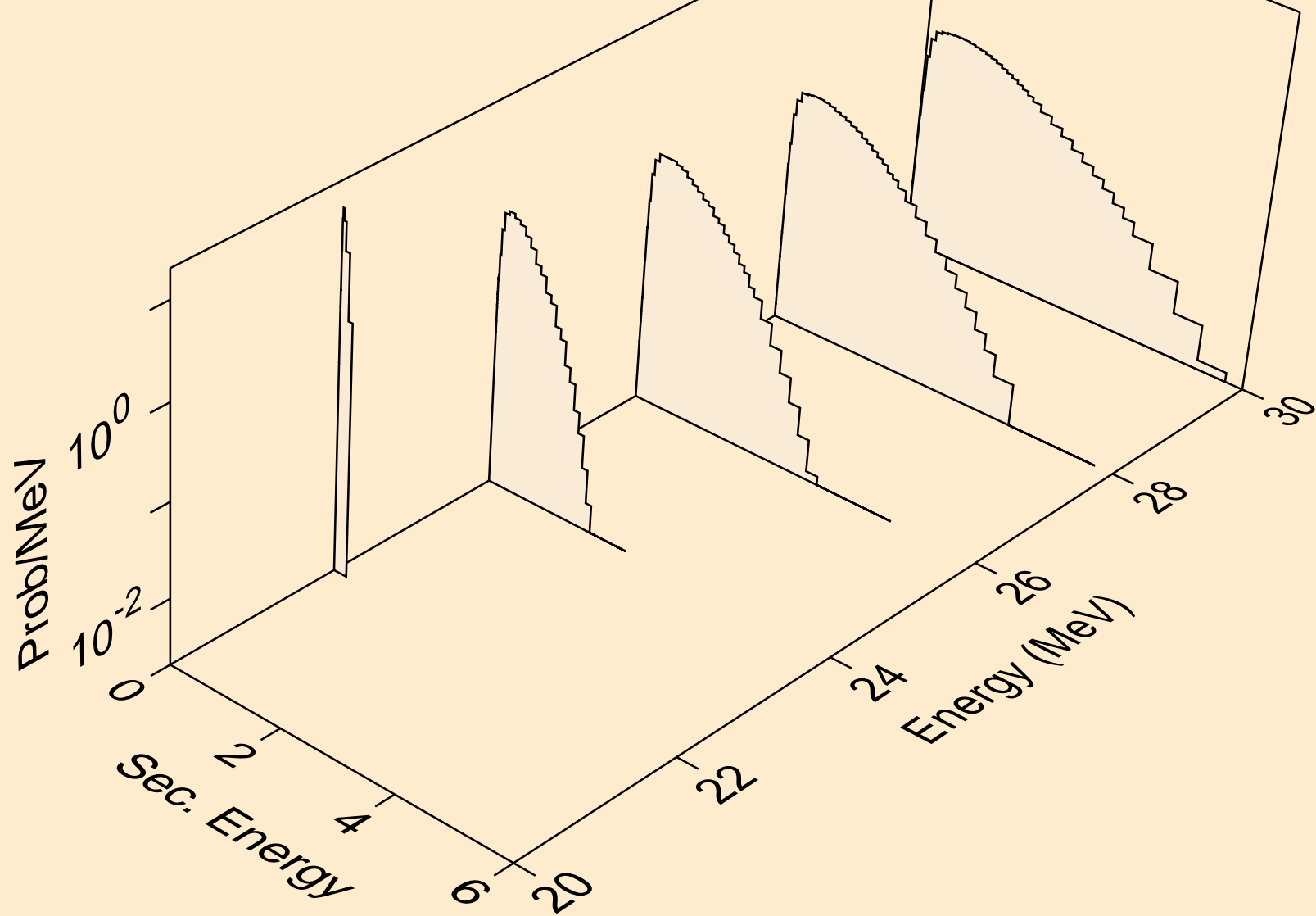
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



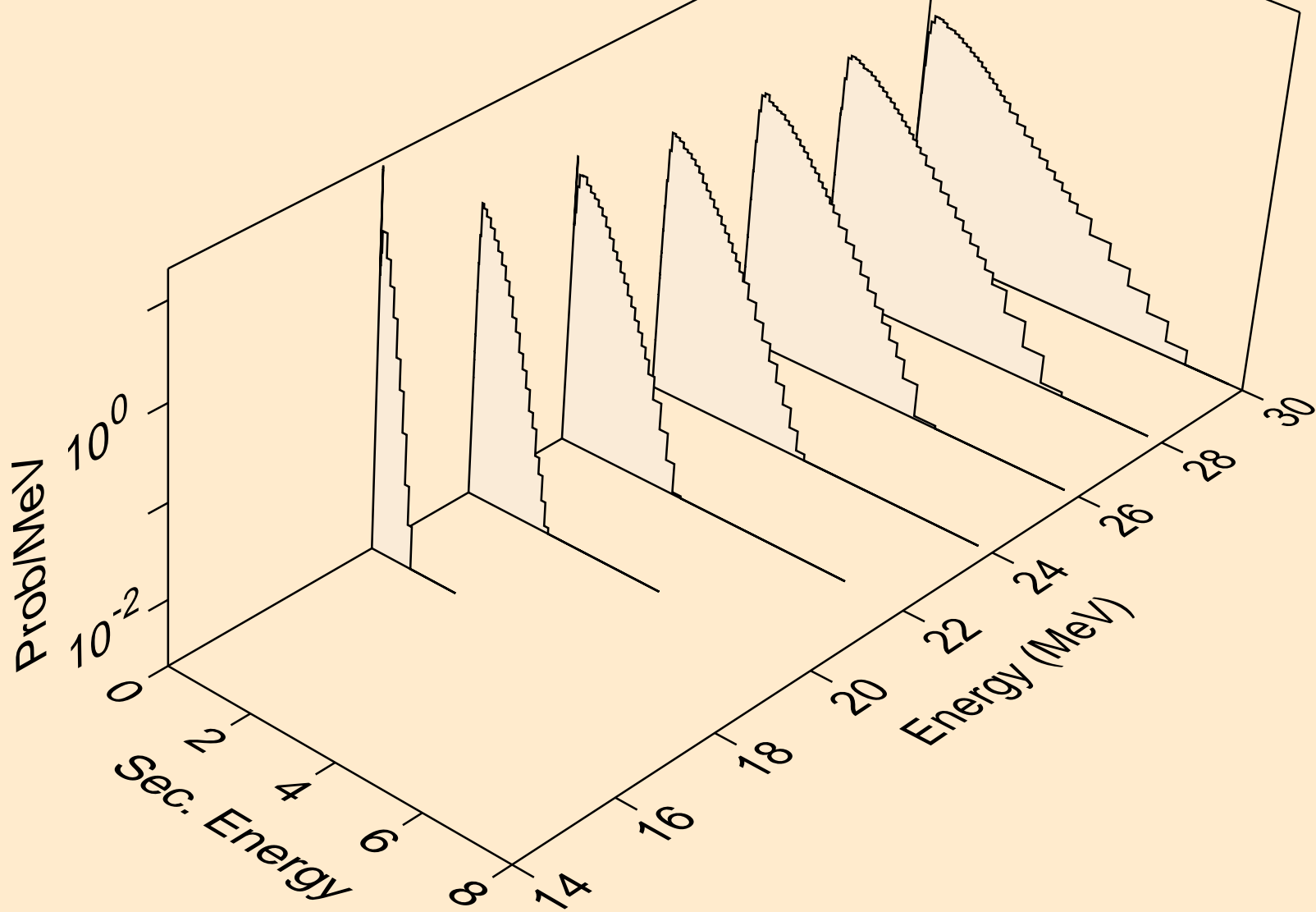
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



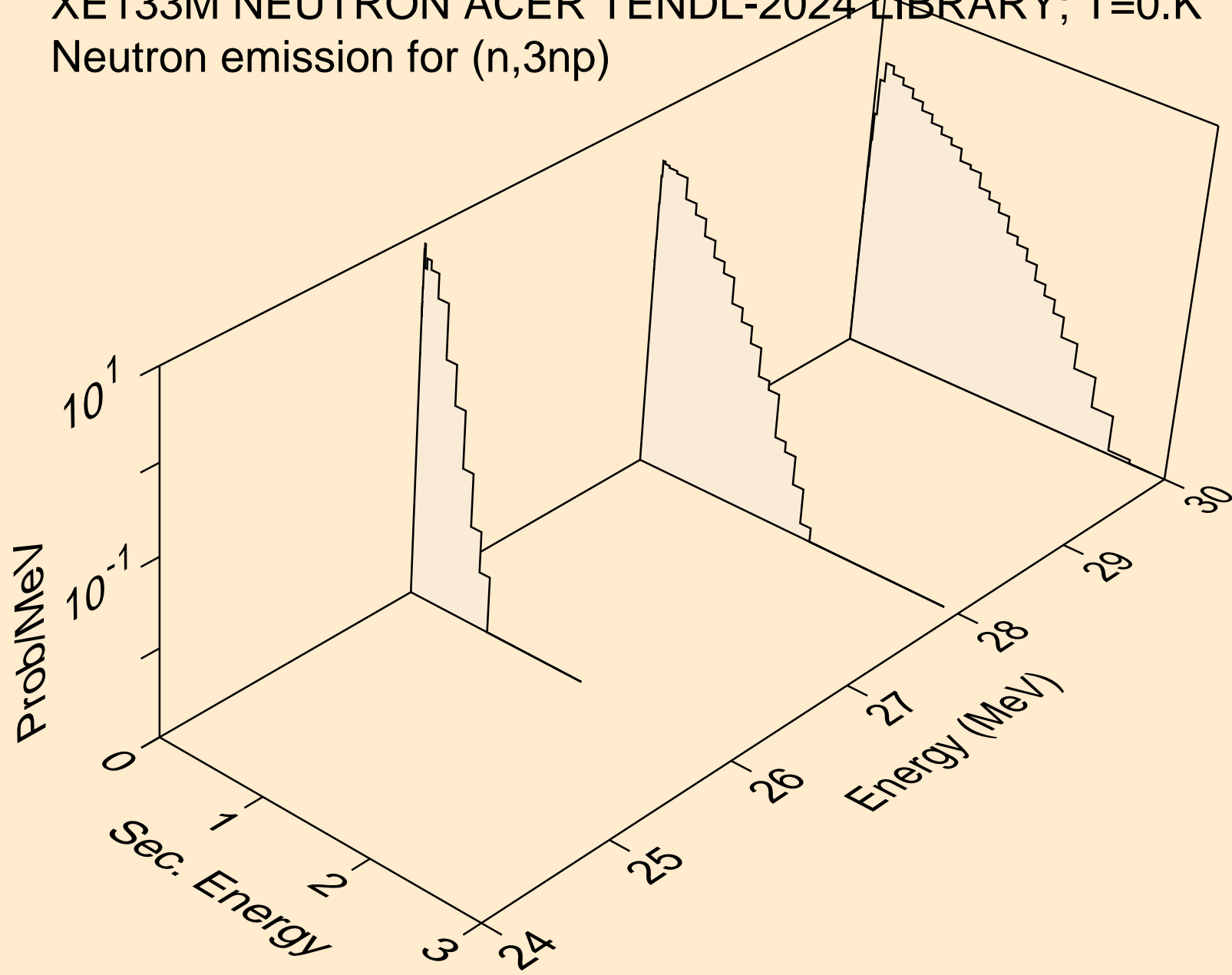
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



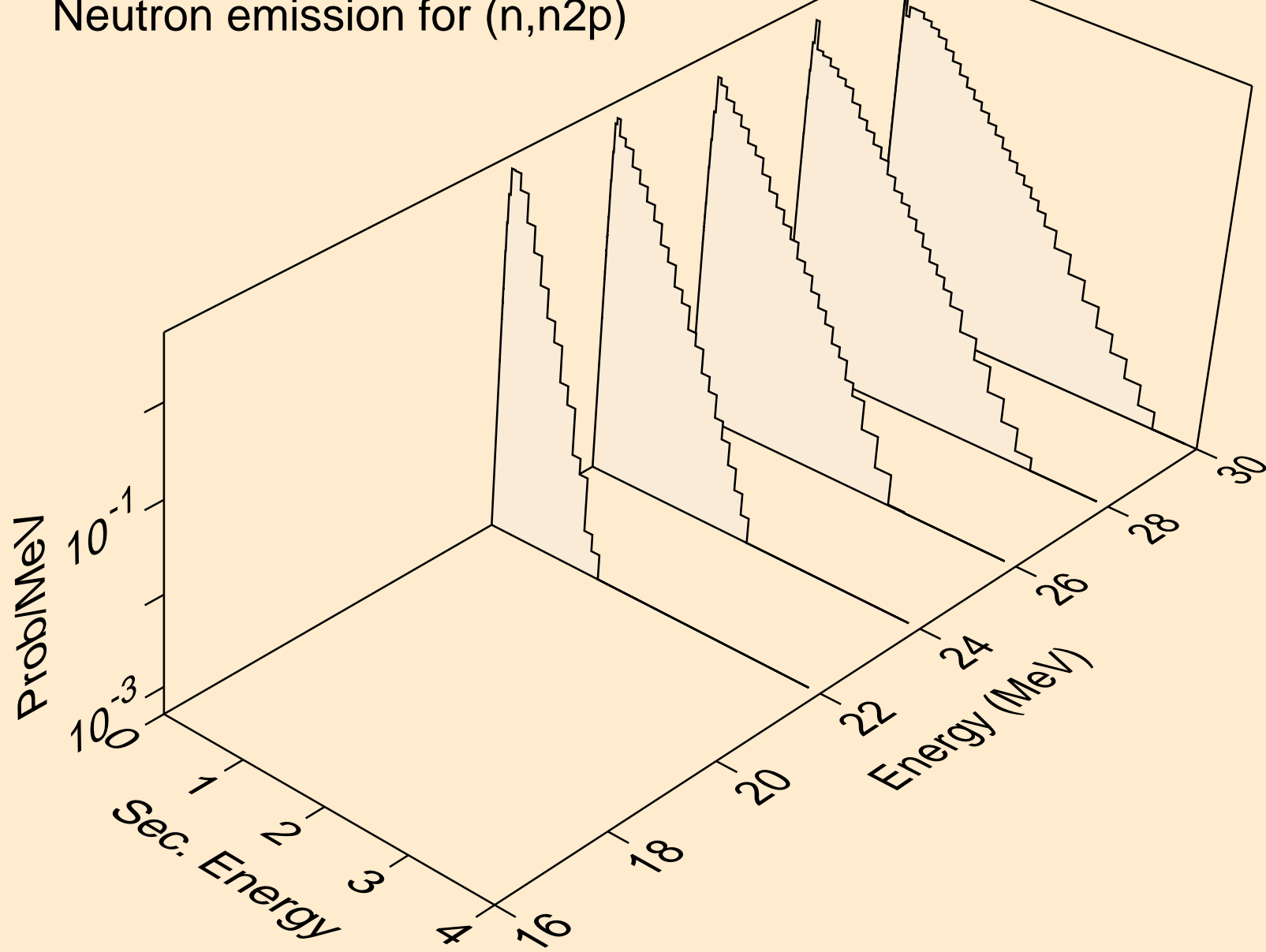
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



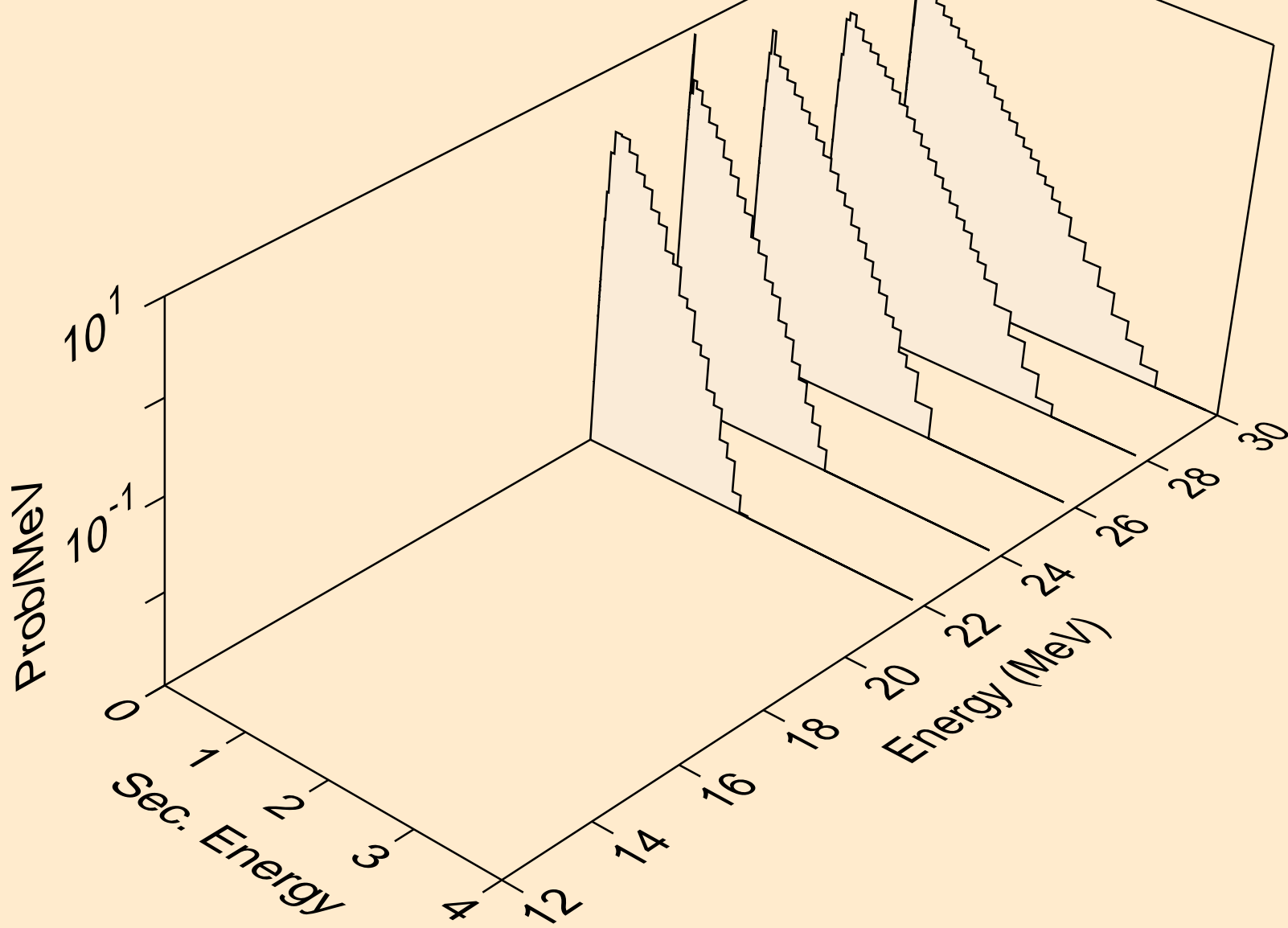
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

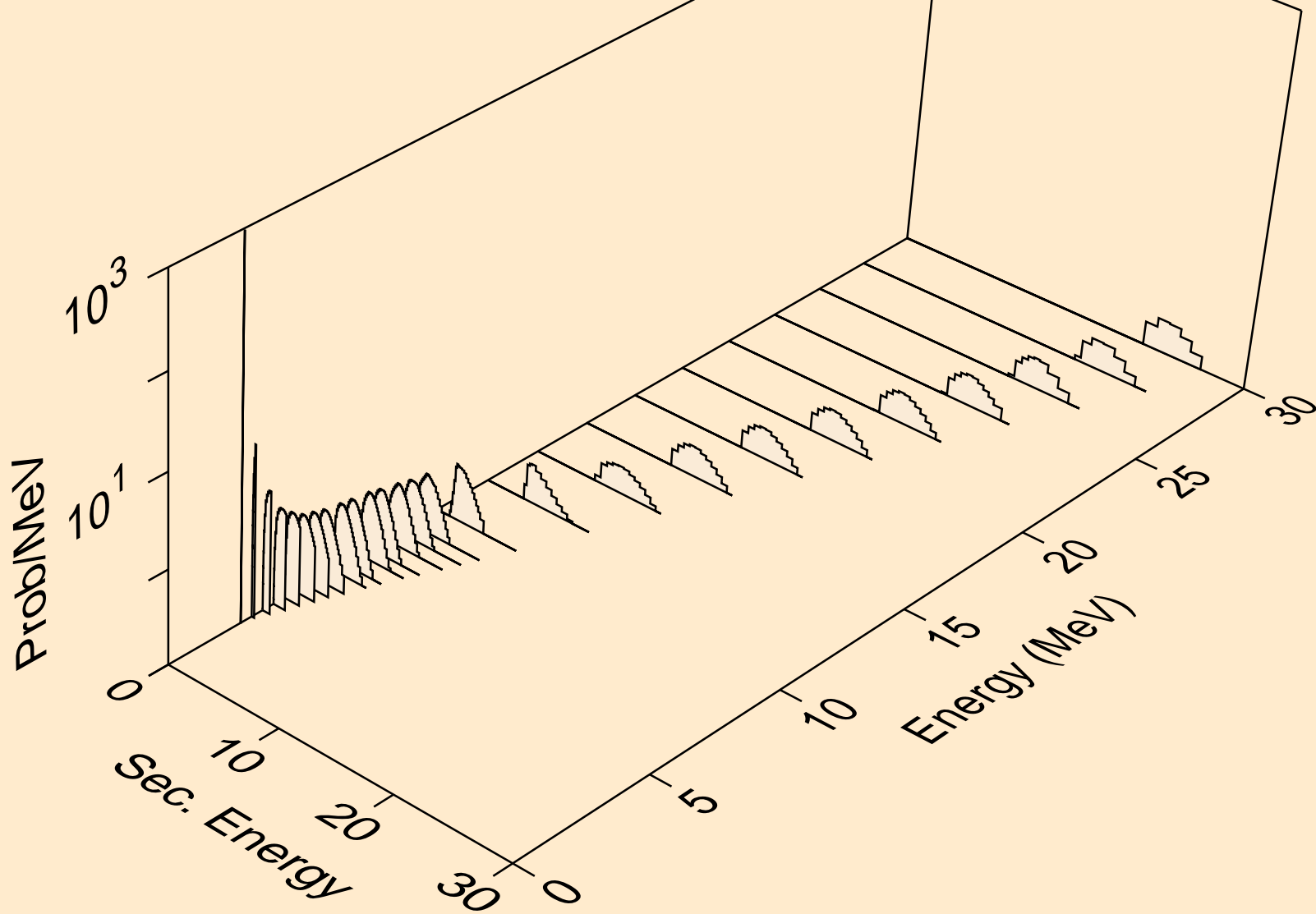


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

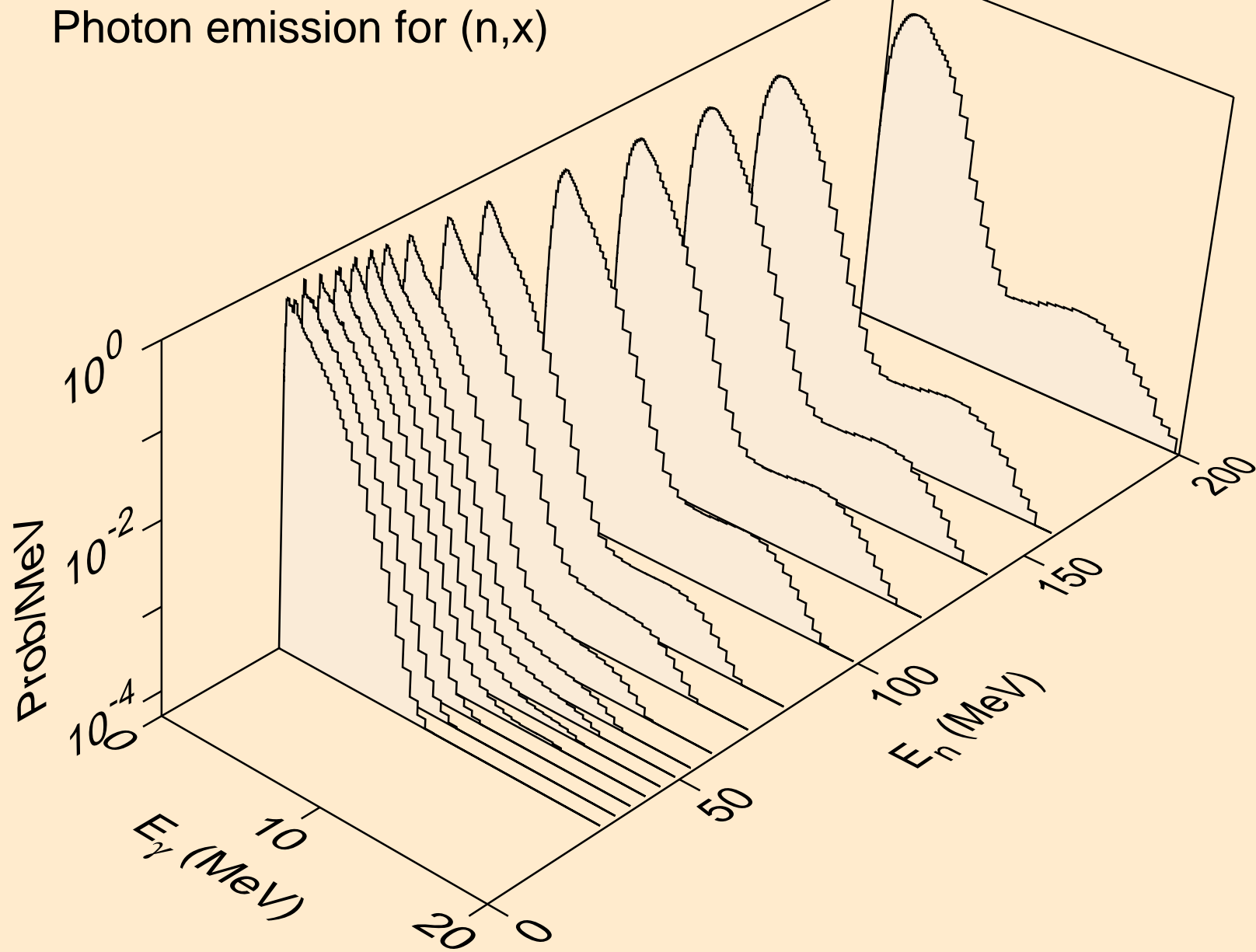




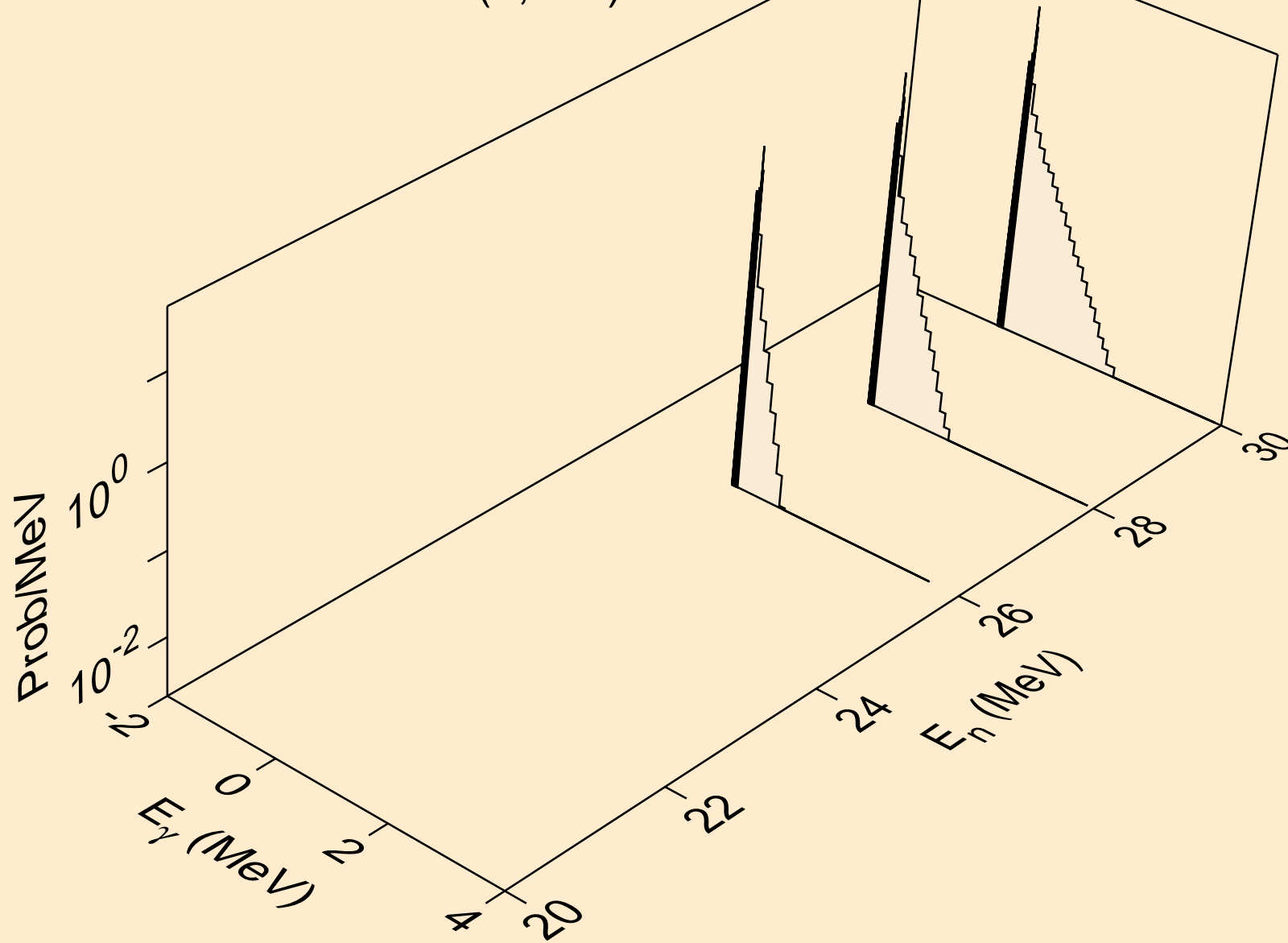
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



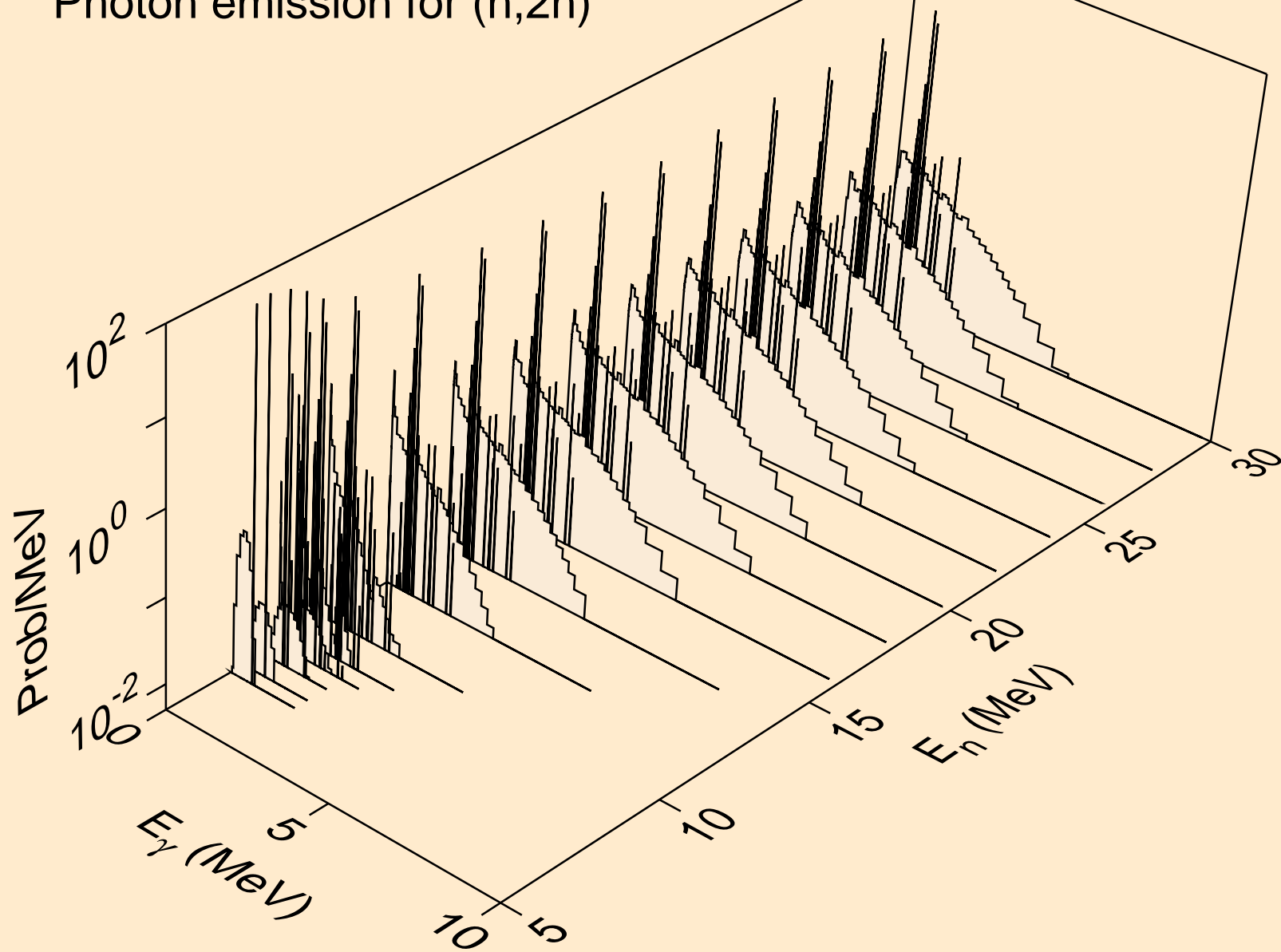
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



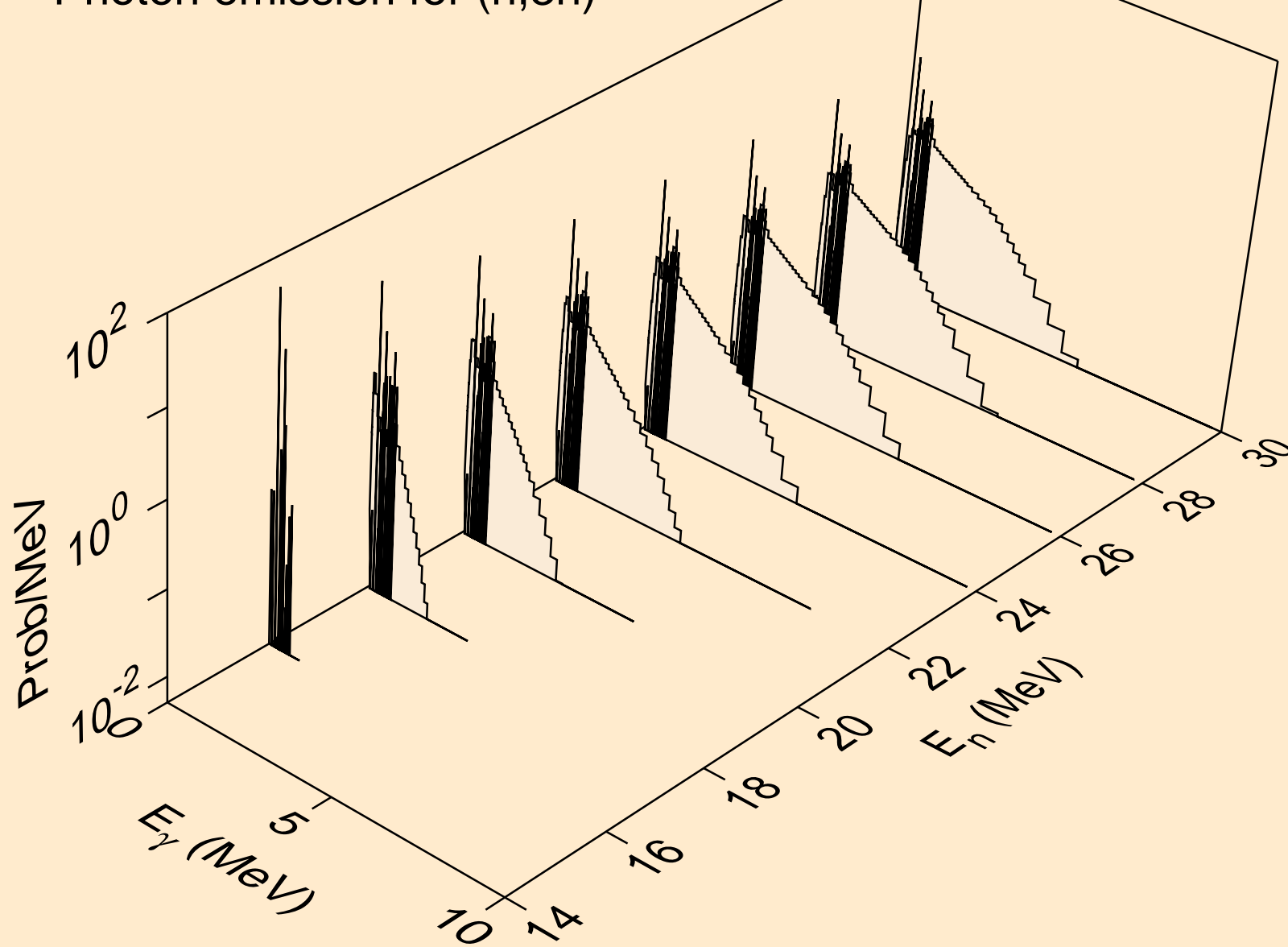
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



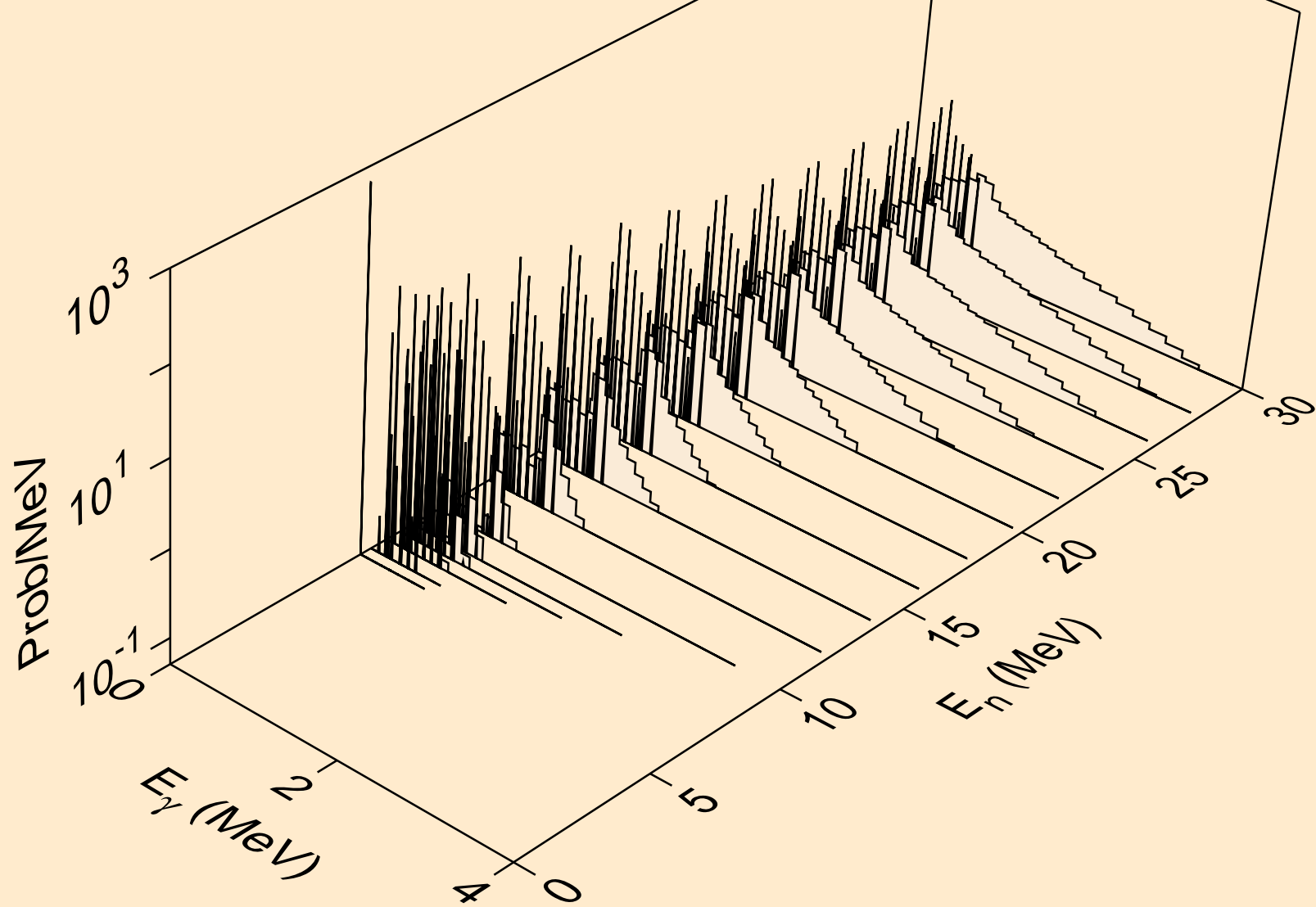
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



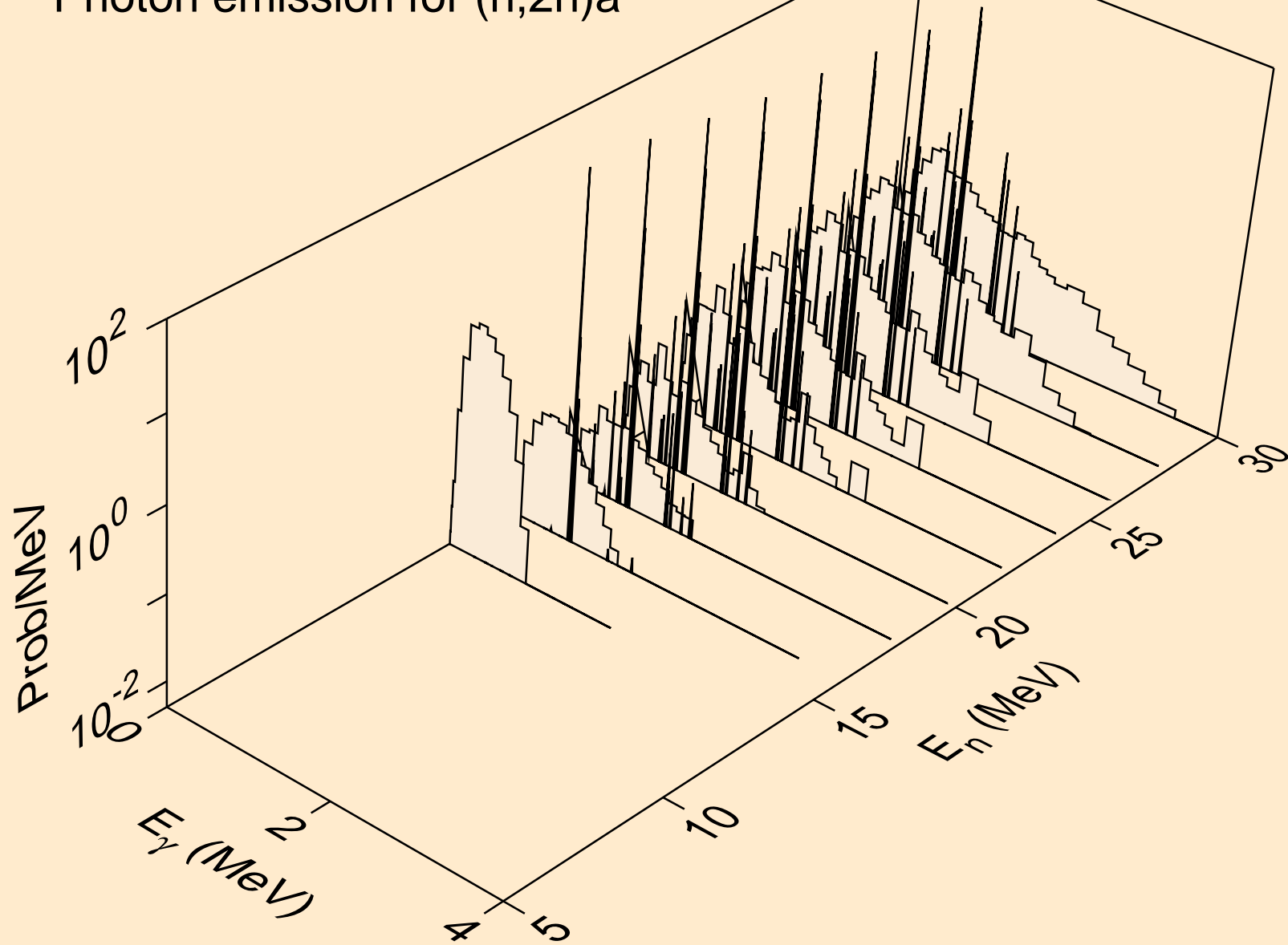
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



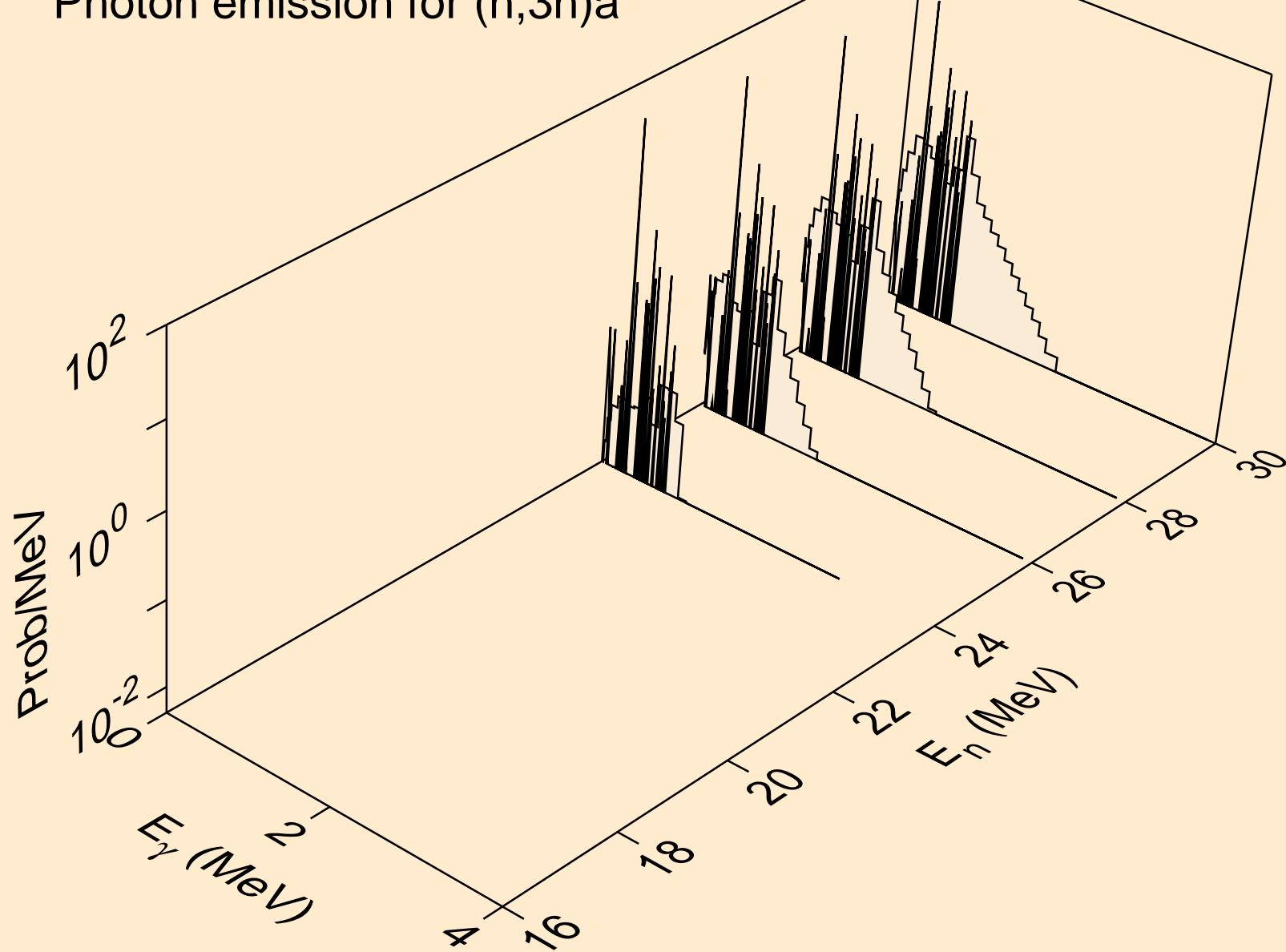
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

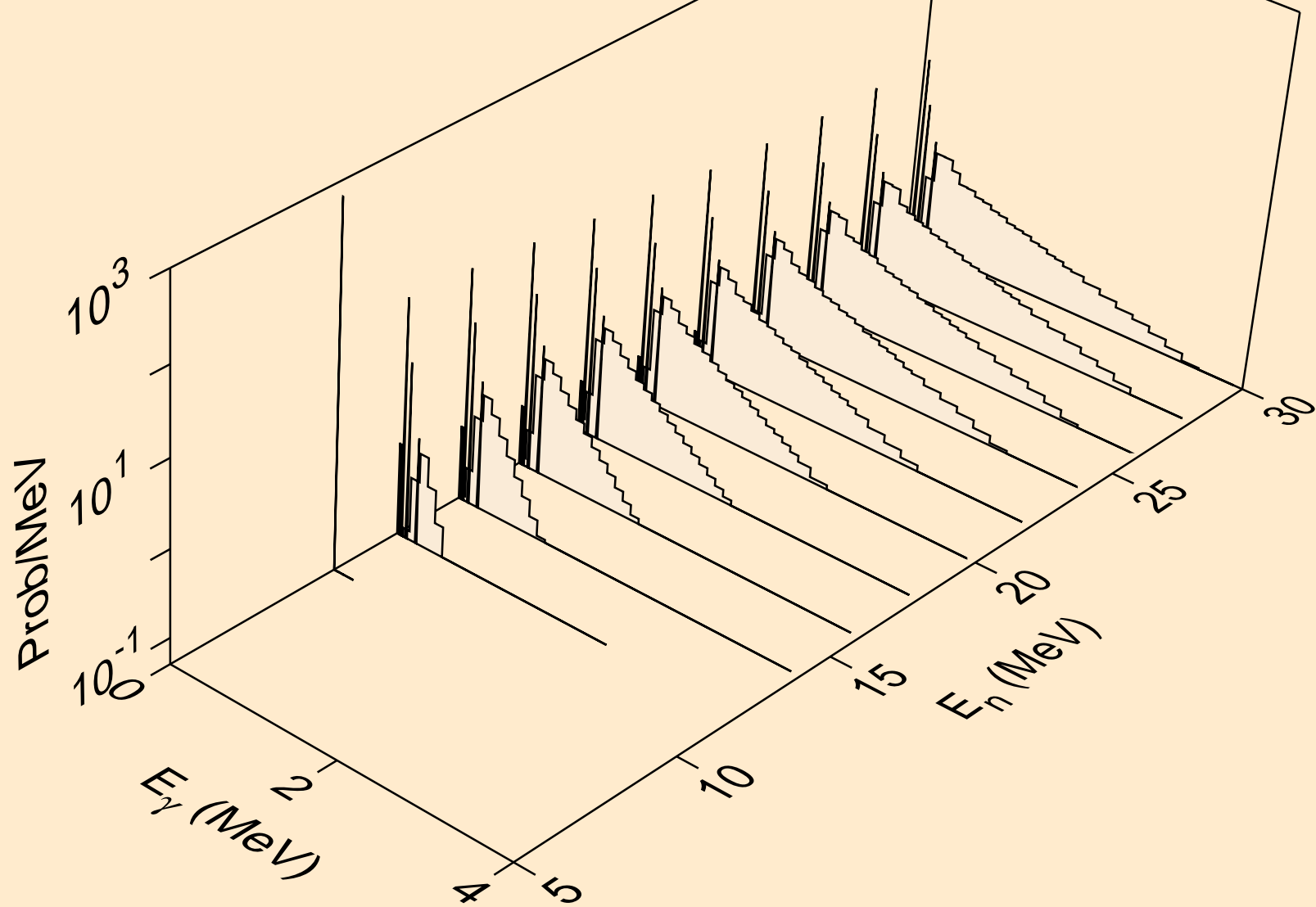


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

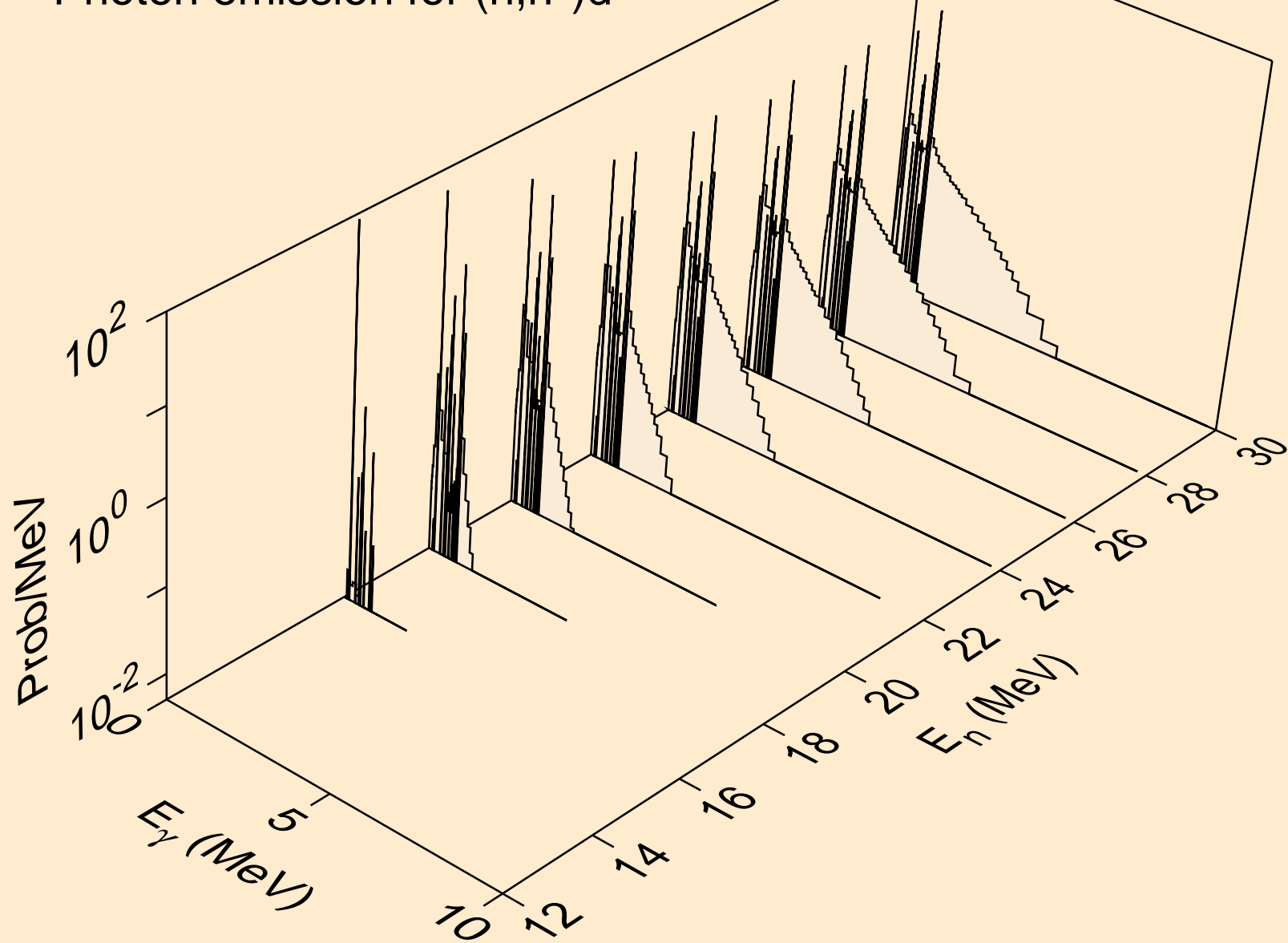




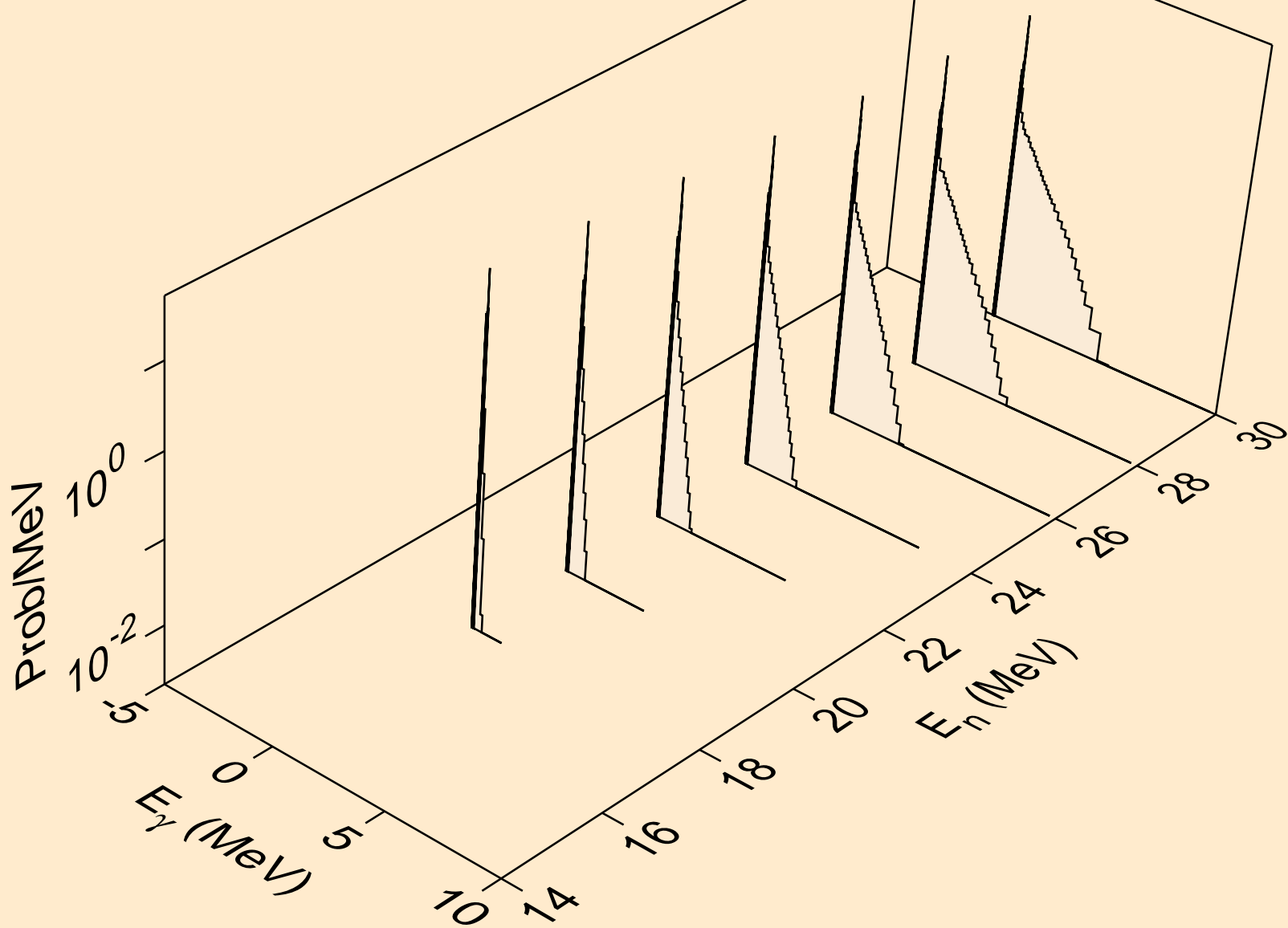
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Photon emission for (n,n\*)p



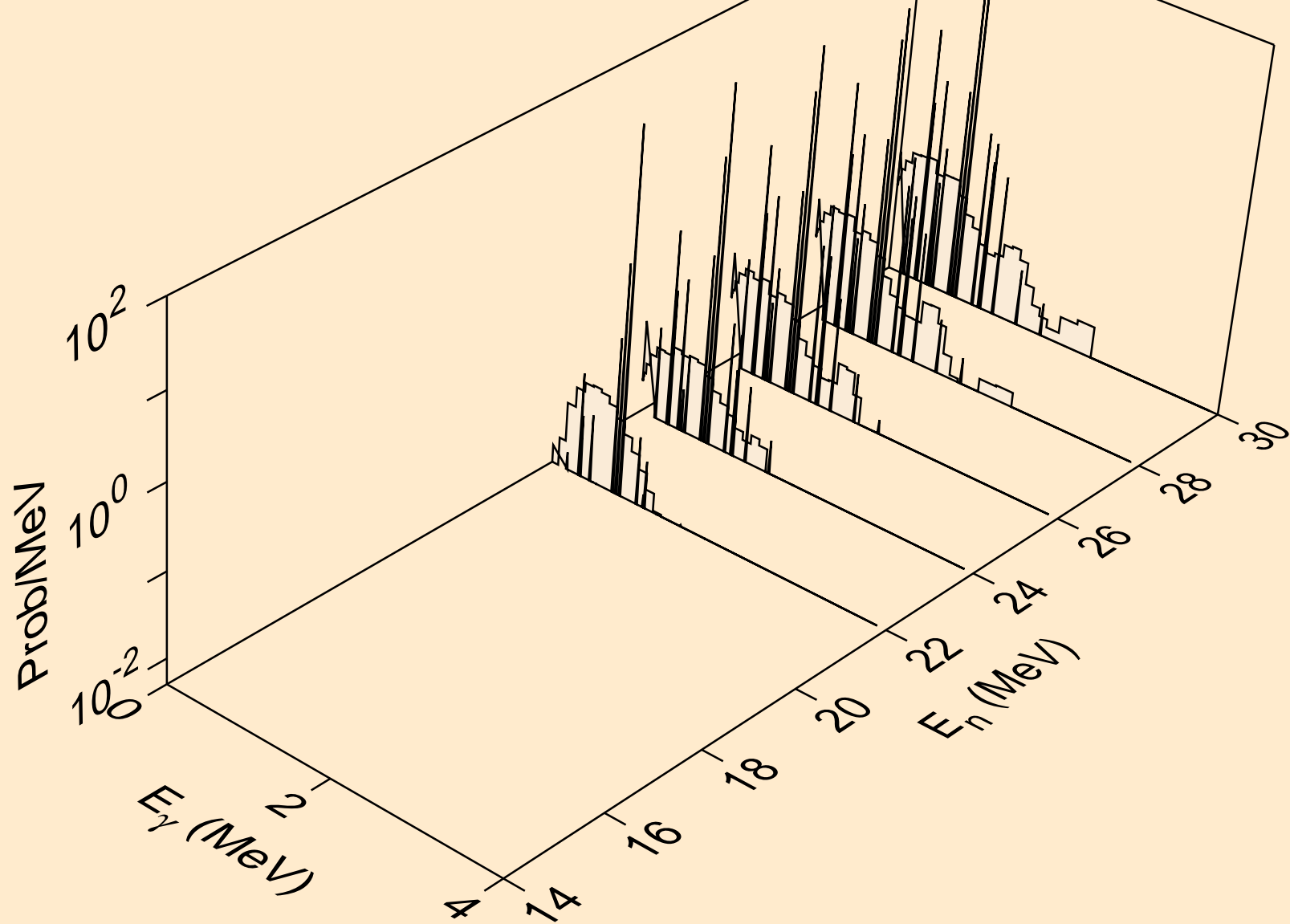
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Photon emission for (n,n\*)d



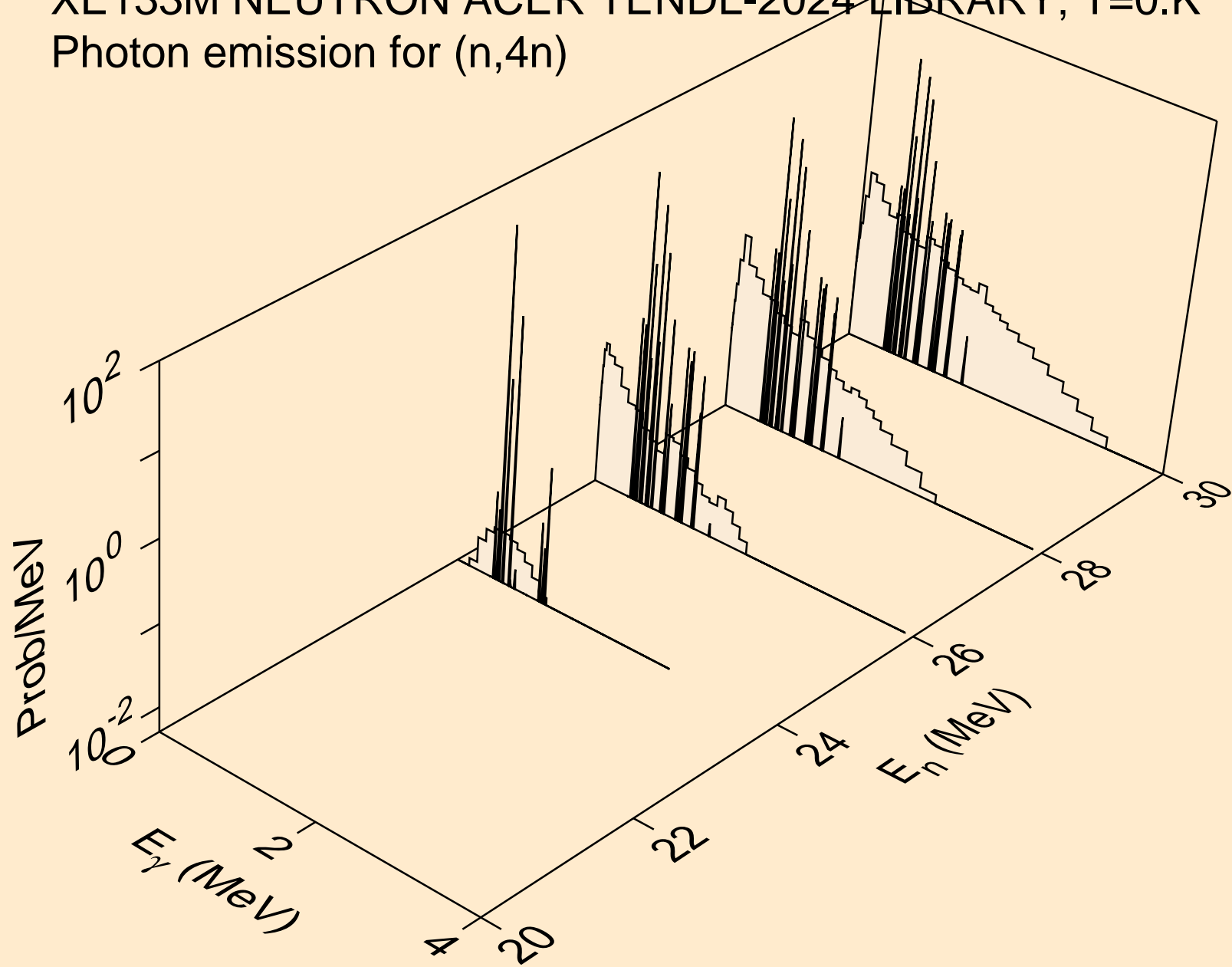
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Photon emission for (n,n\*)t



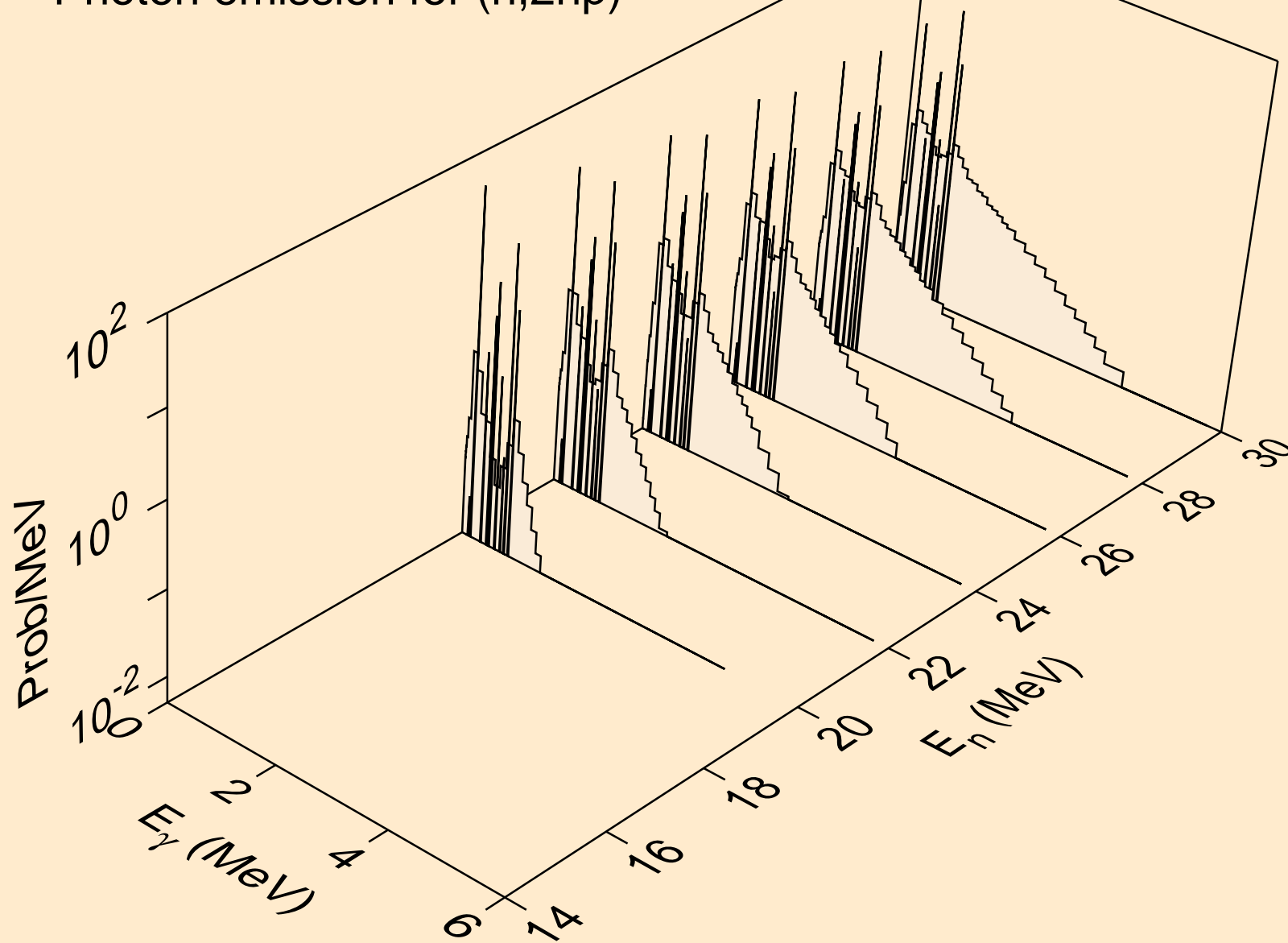
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Photon emission for (n,n\*)he3



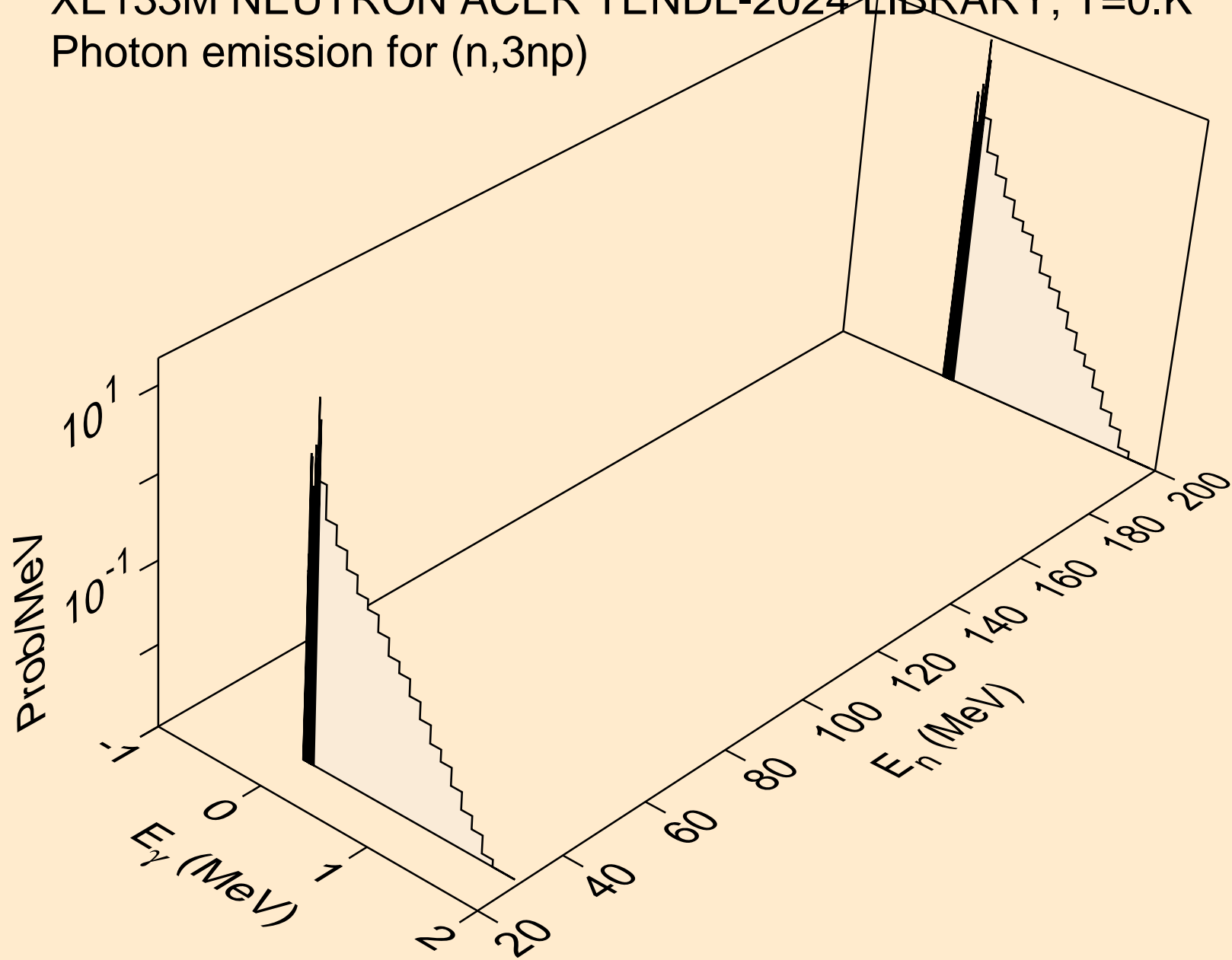
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Photon emission for (n,4n)



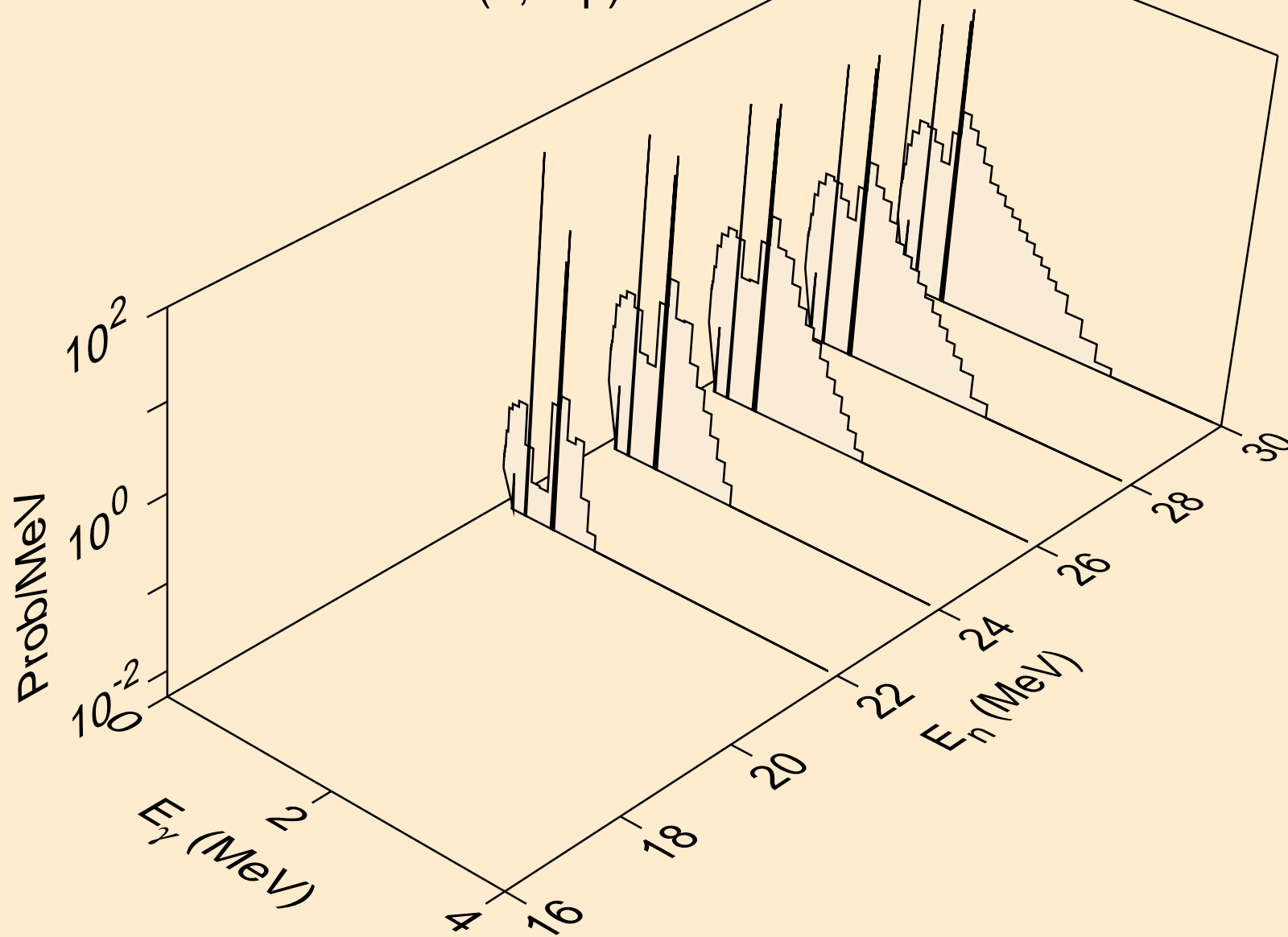
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

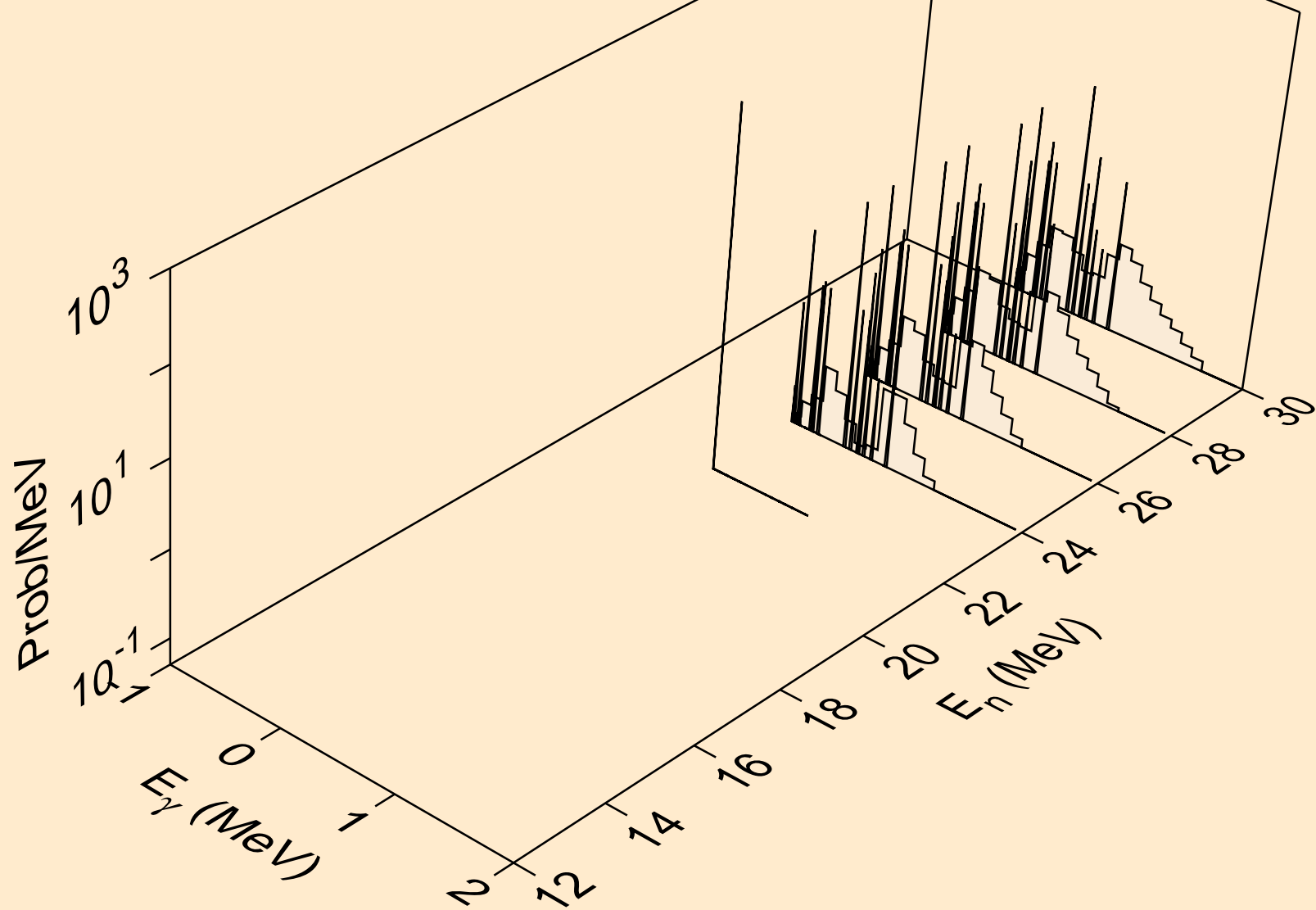


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

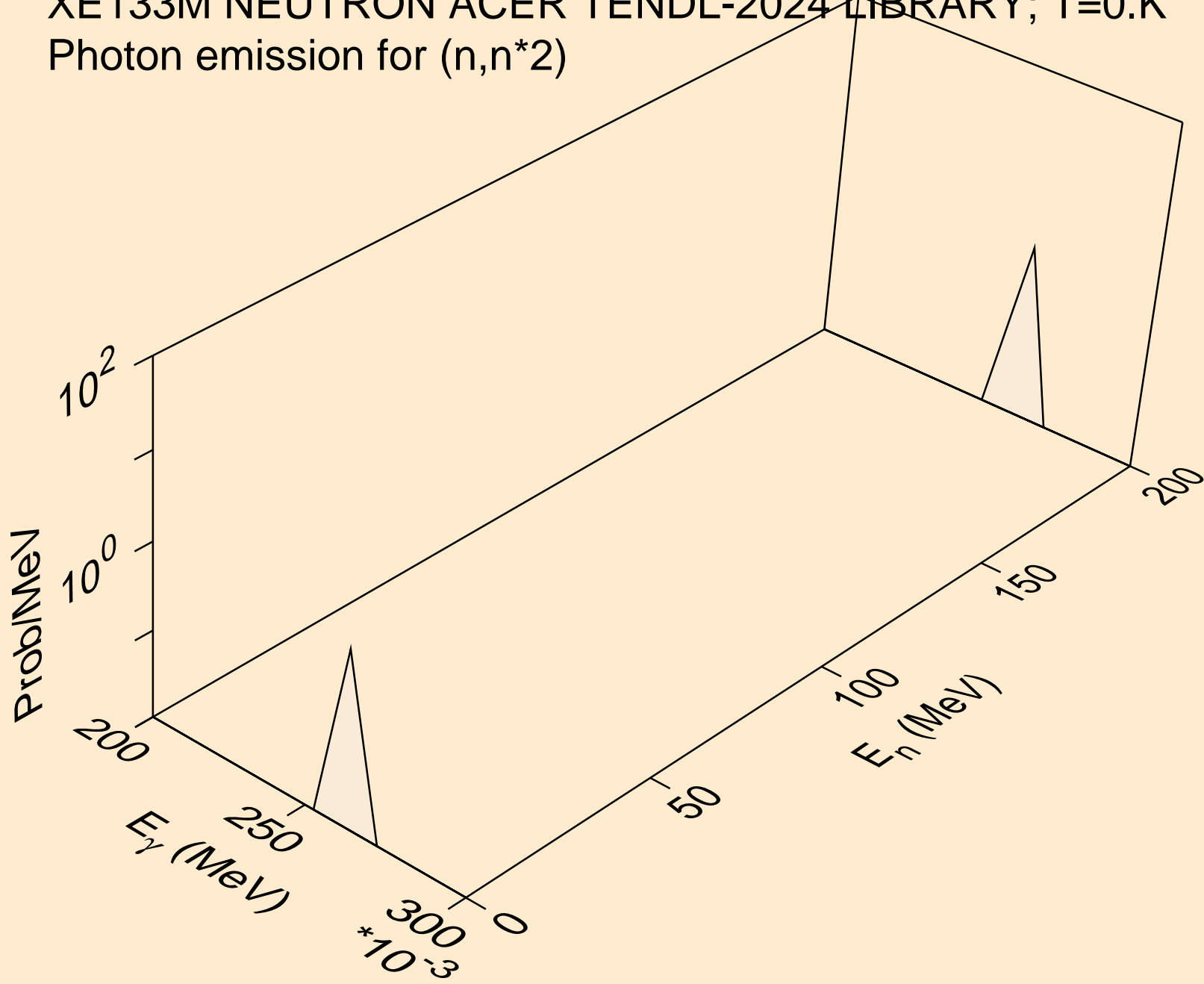




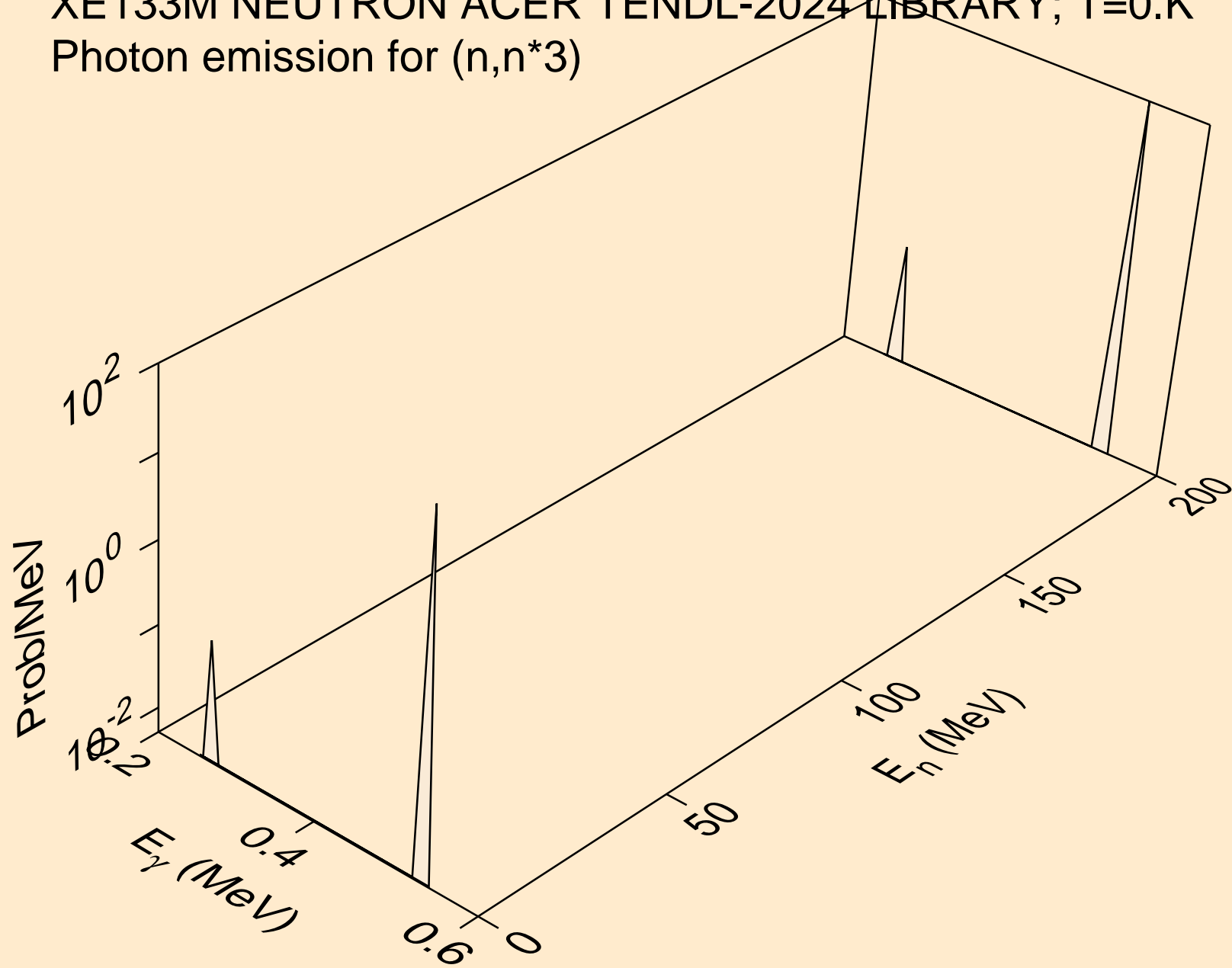
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Photon emission for (n,npa)



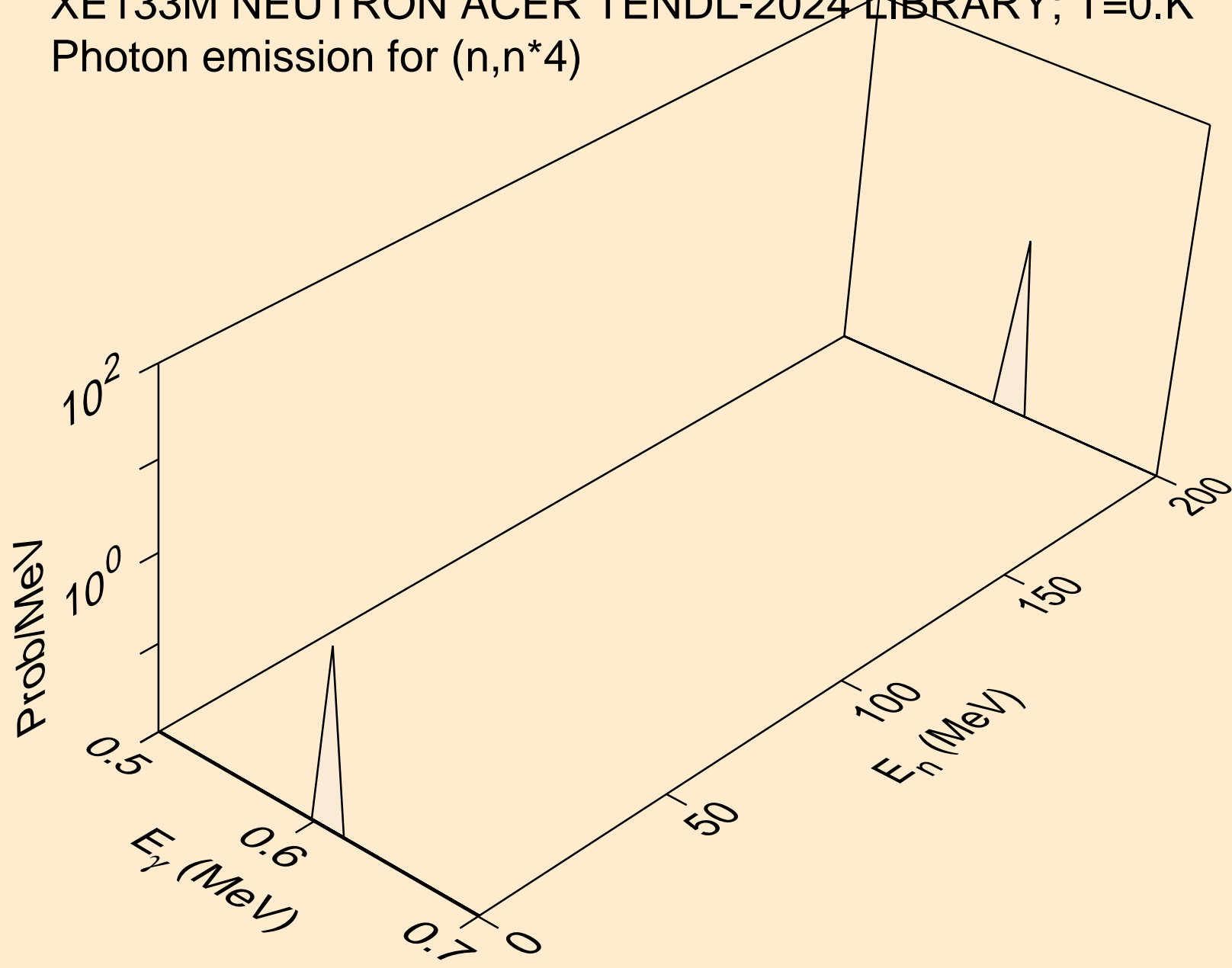
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Photon emission for (n,n\*2)



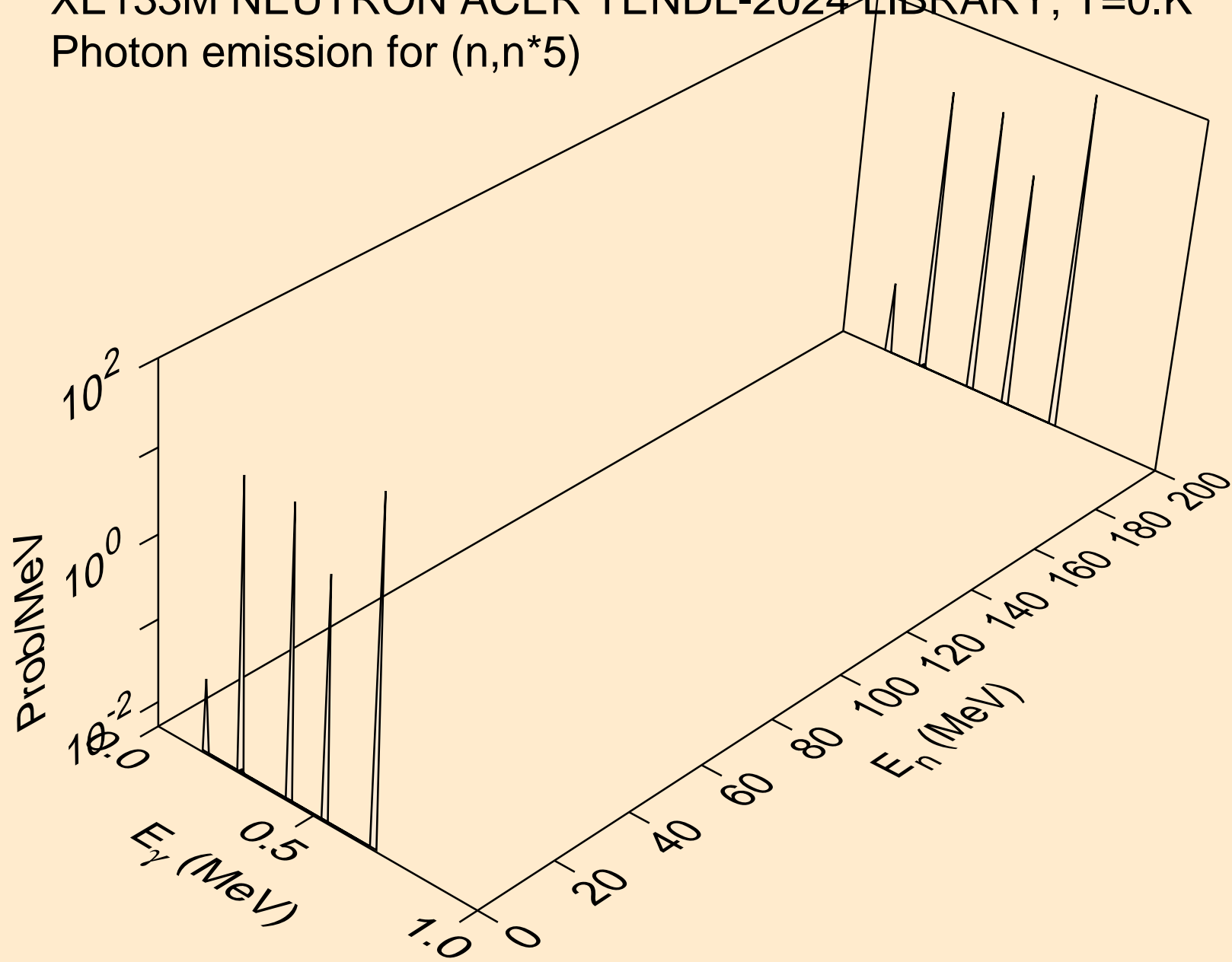
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Photon emission for (n,n\*3)



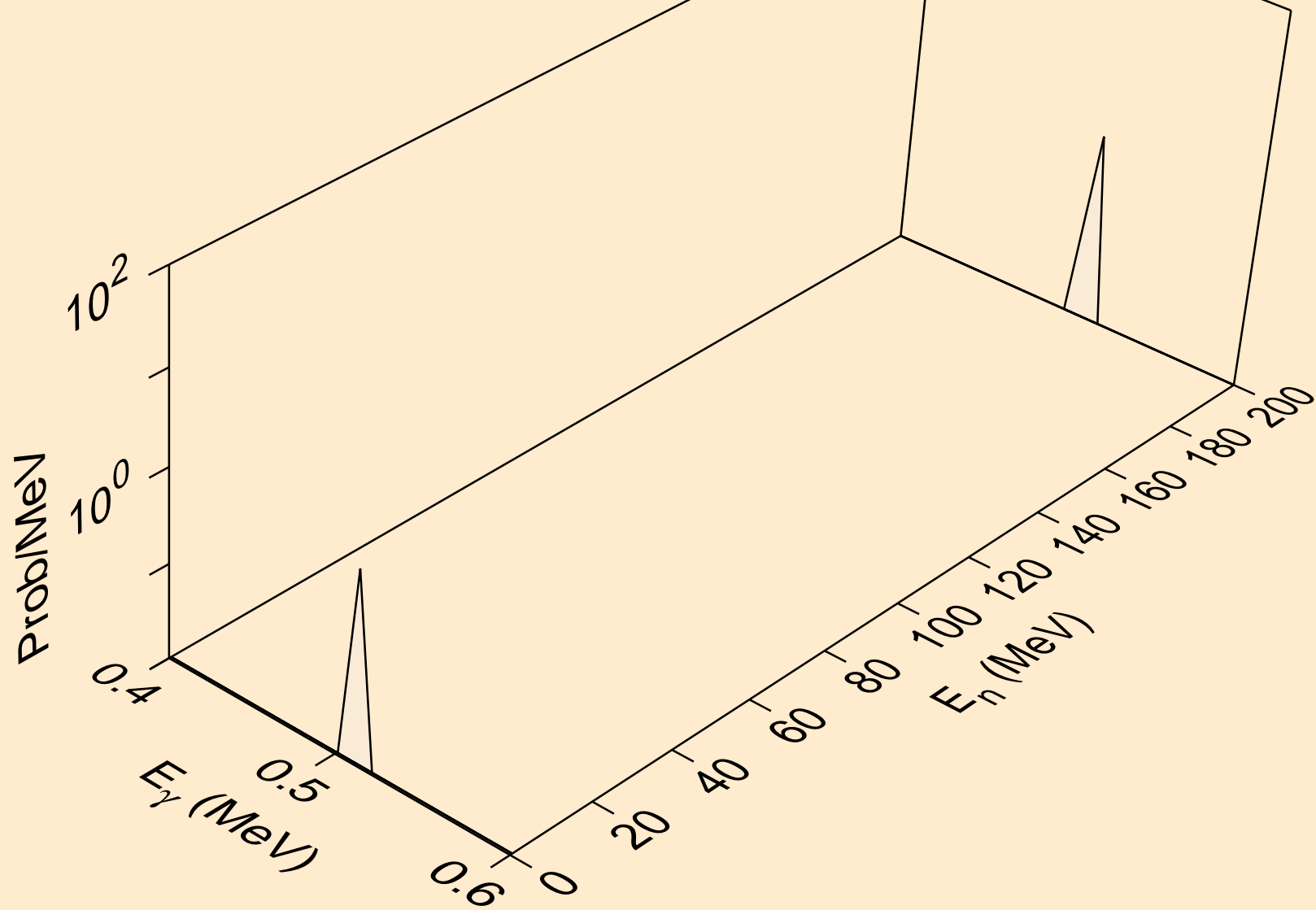
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Photon emission for (n,n\*4)



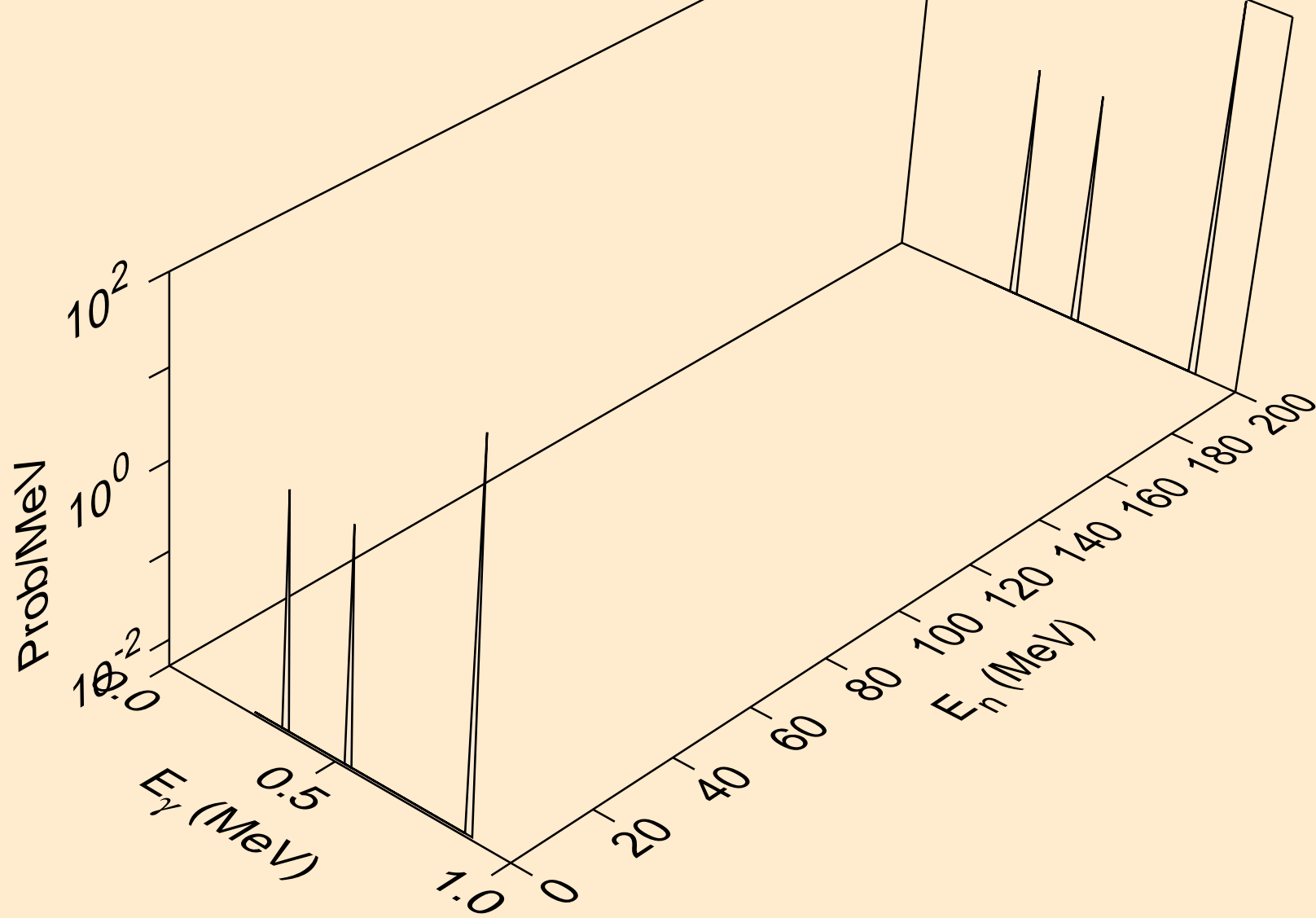
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Photon emission for (n,n\*5)



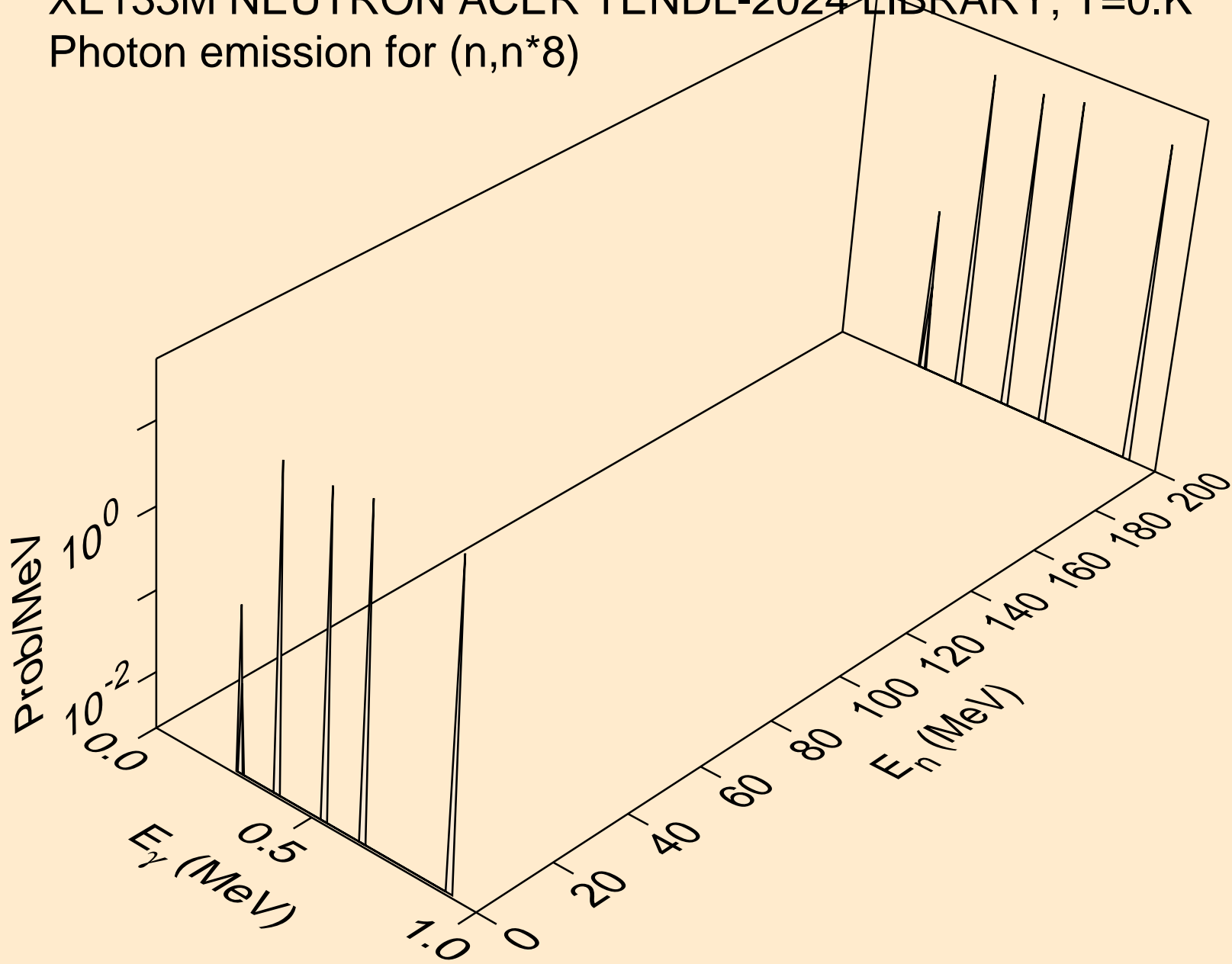
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*6)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

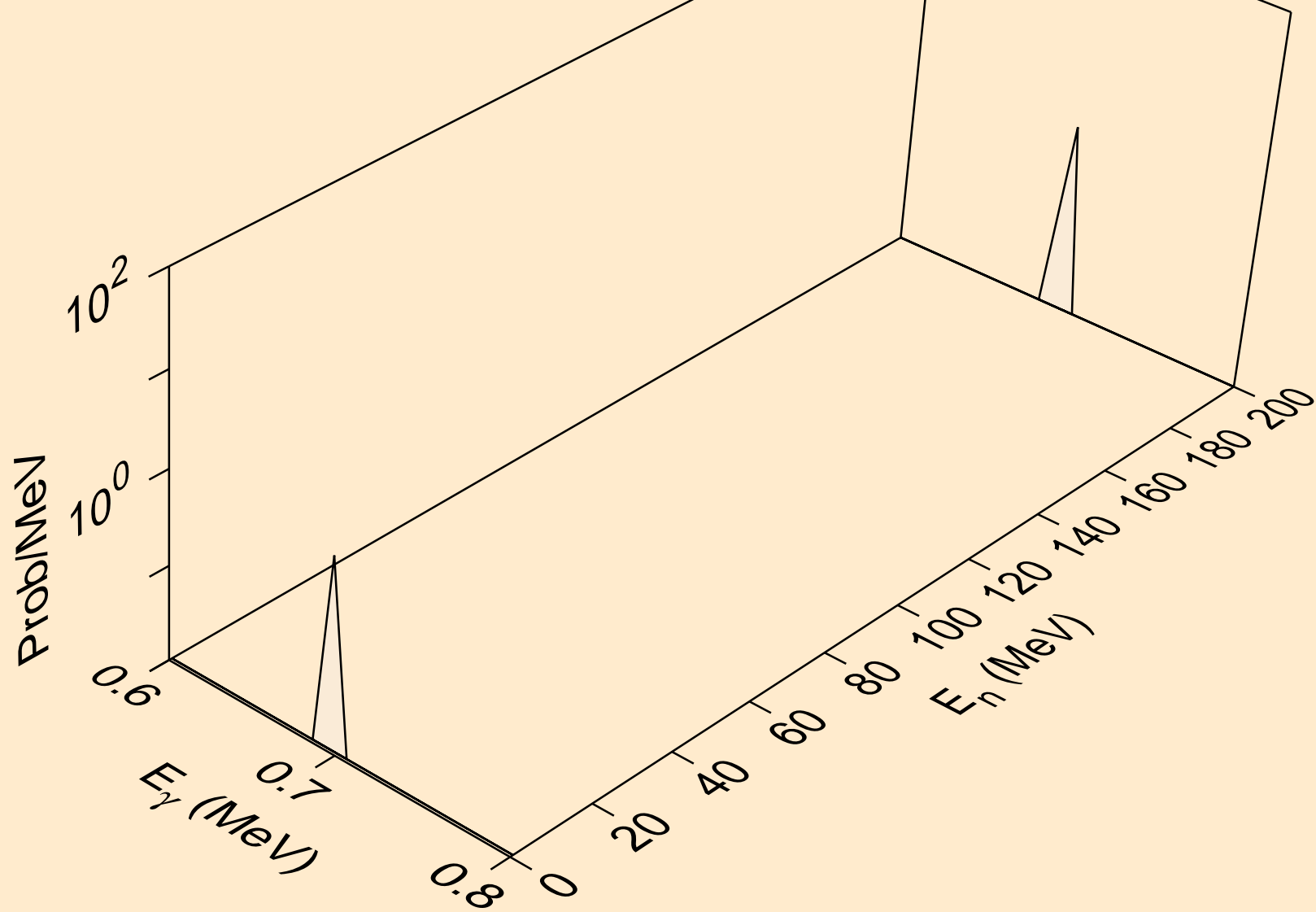


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*8)

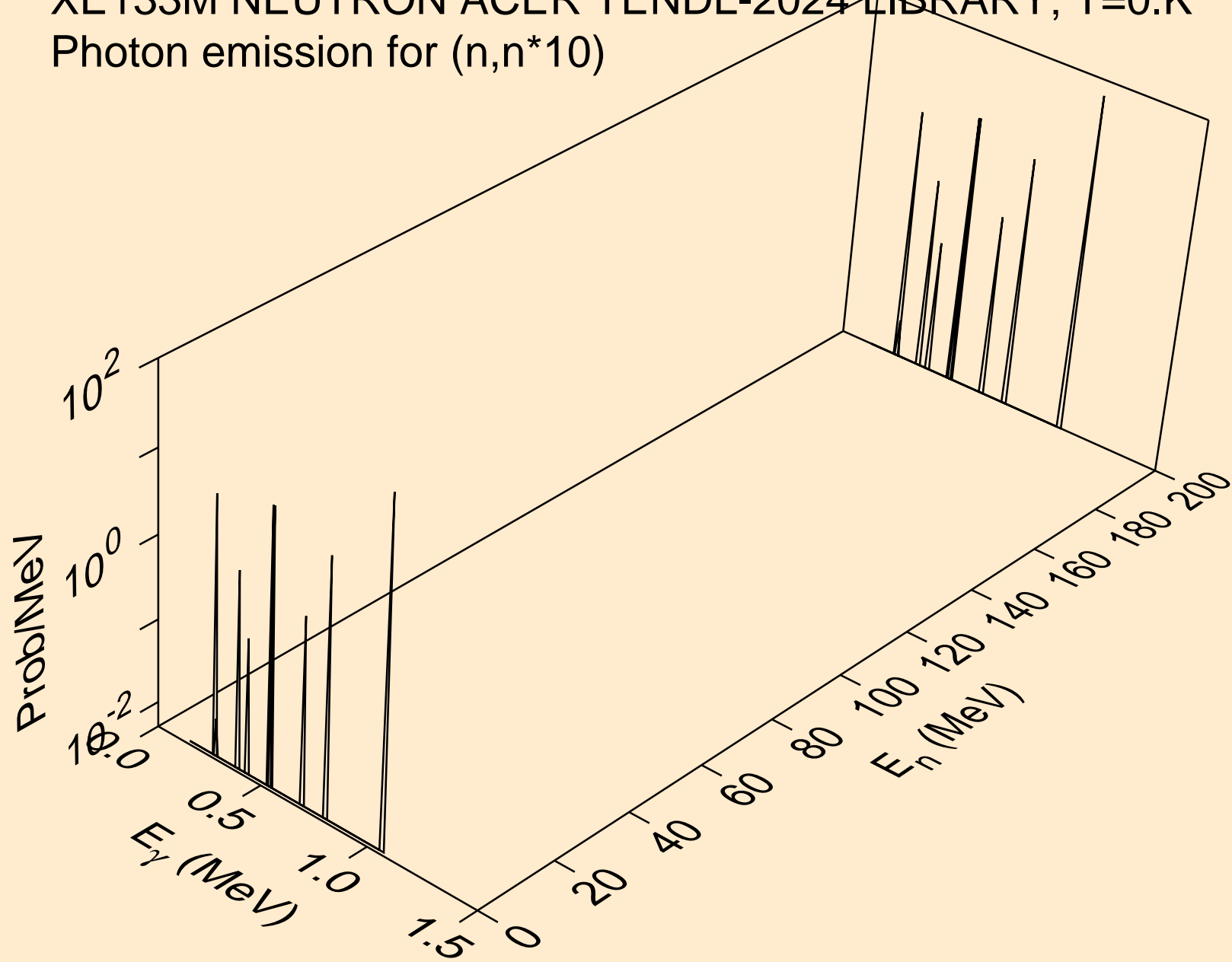




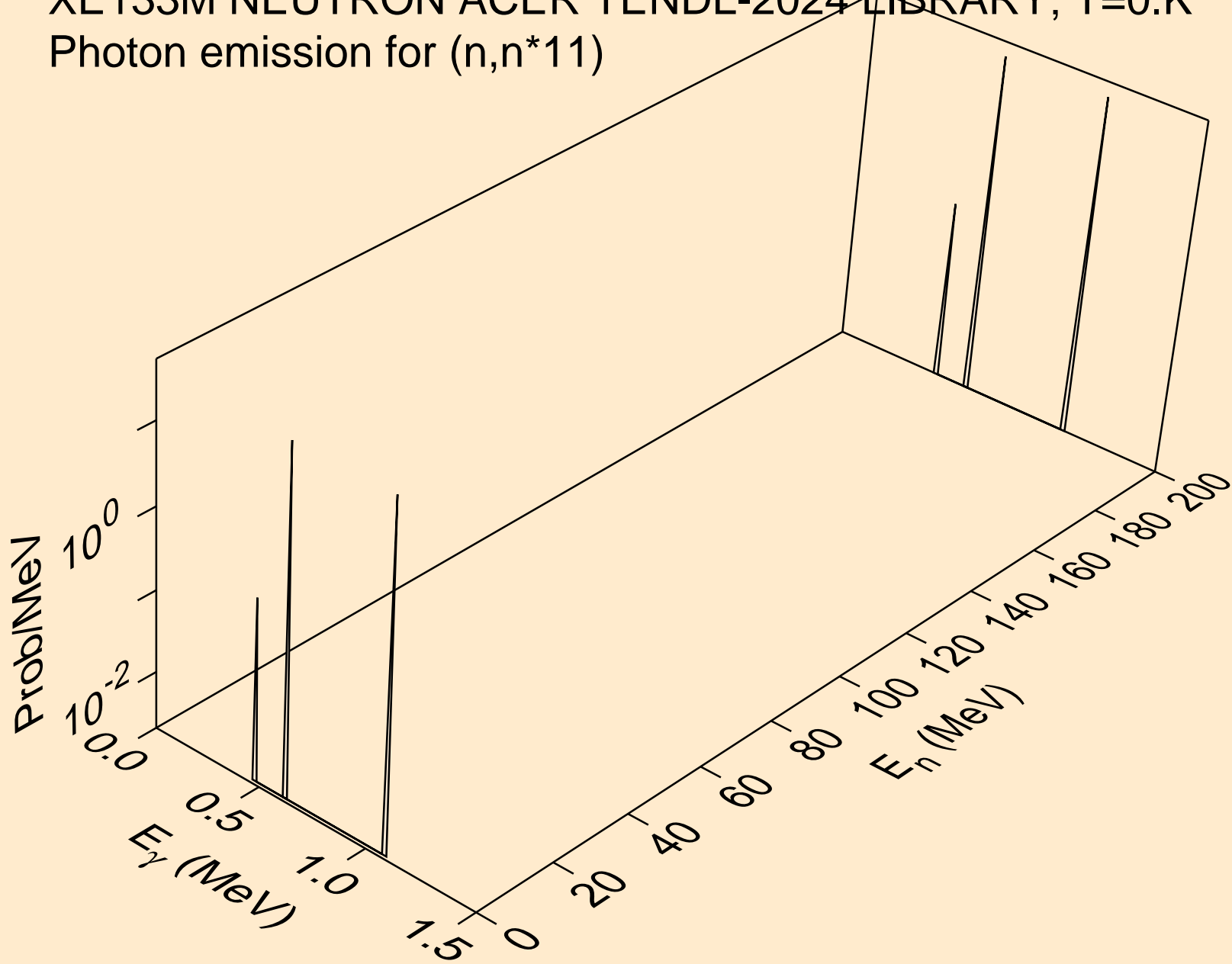
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Photon emission for (n,n\*9)



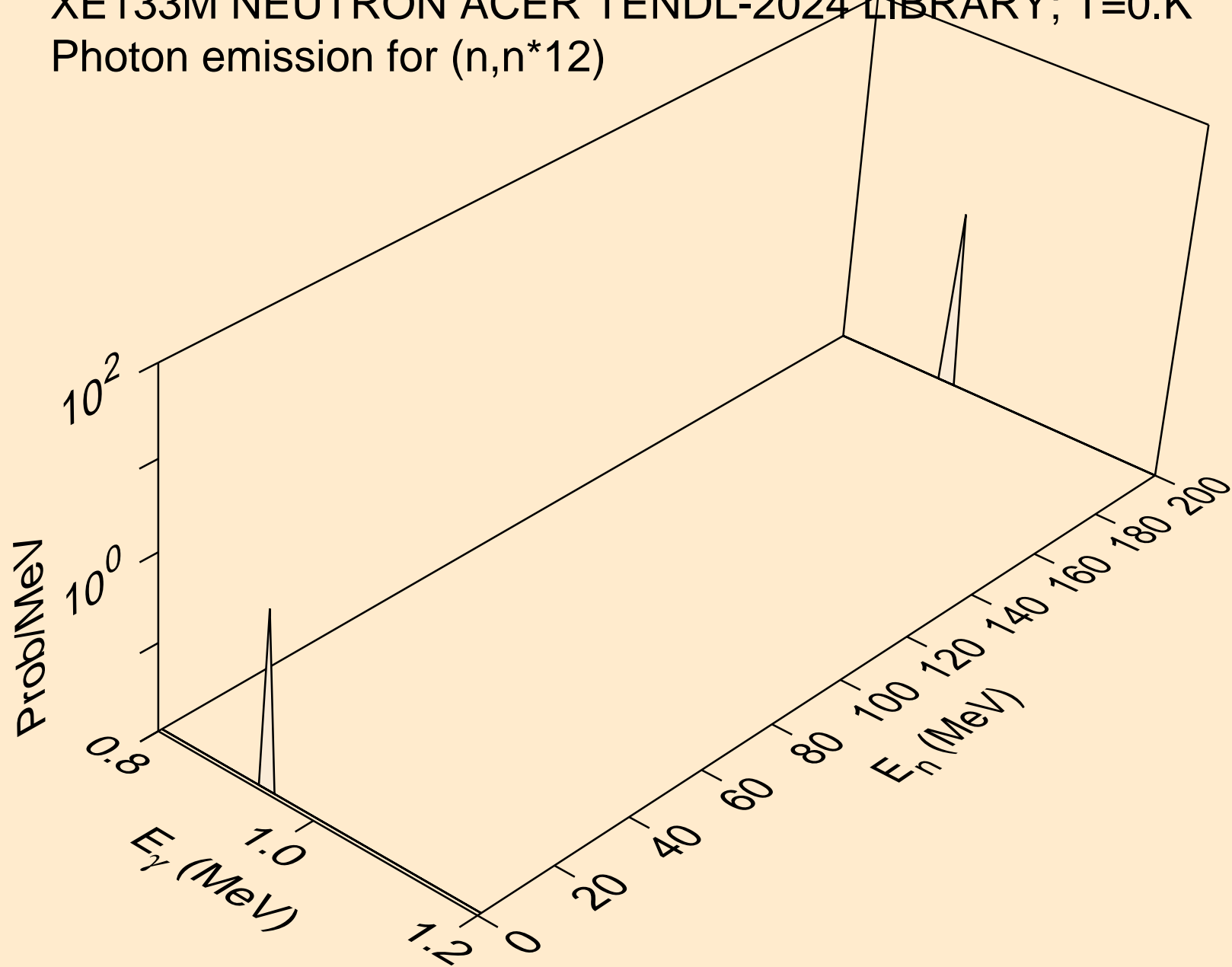
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Photon emission for (n,n\*10)



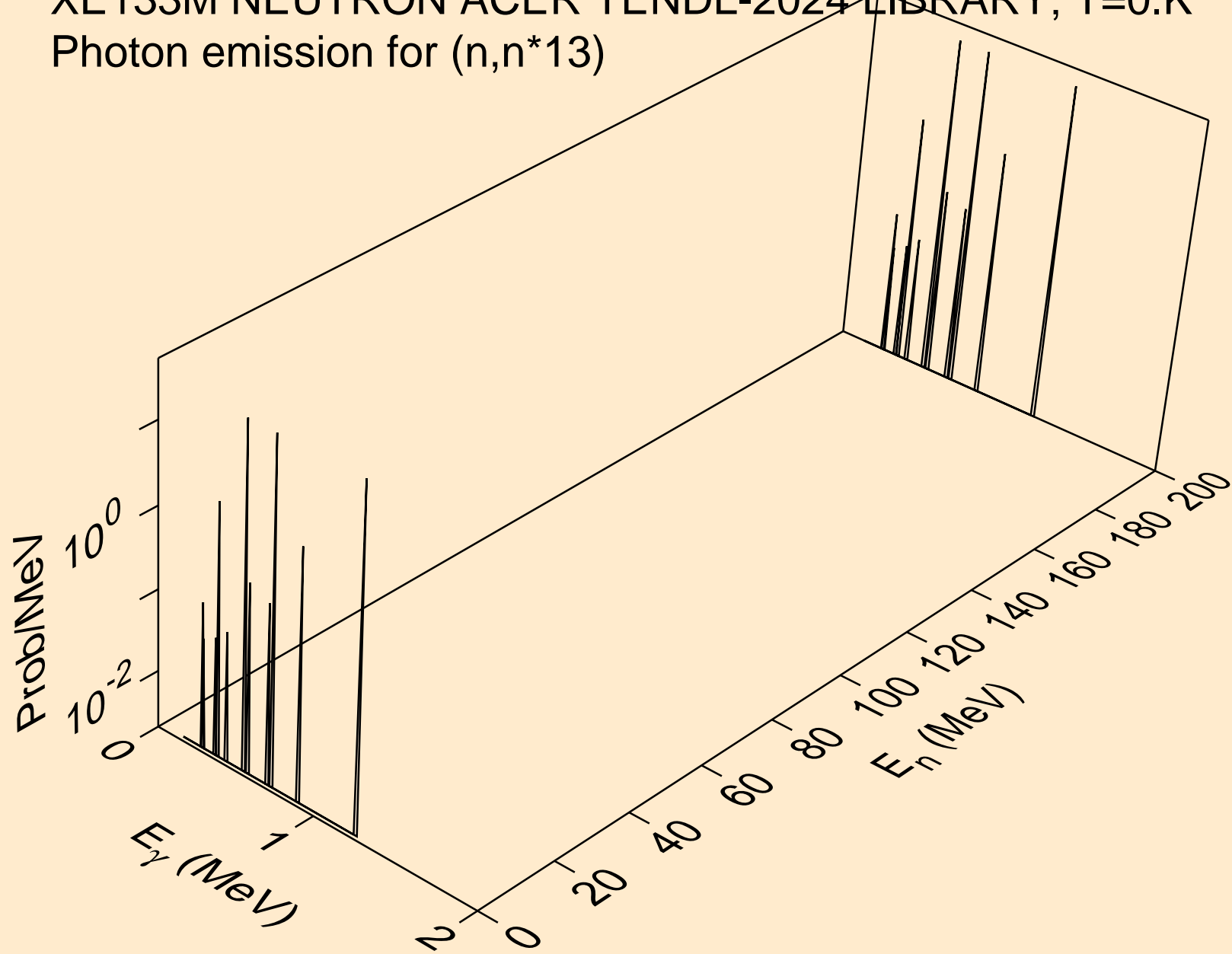
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Photon emission for (n,n\*11)



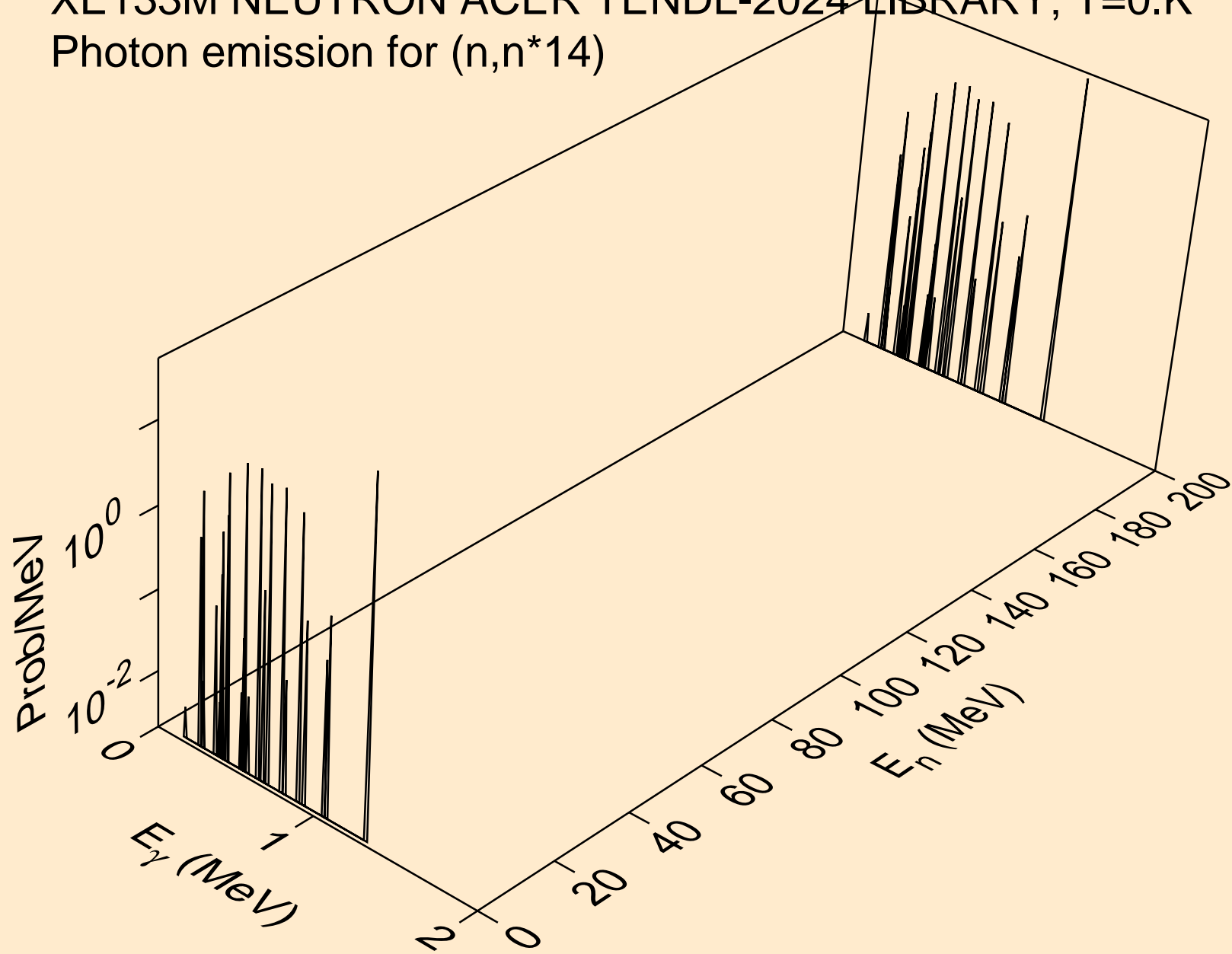
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Photon emission for (n,n\*12)



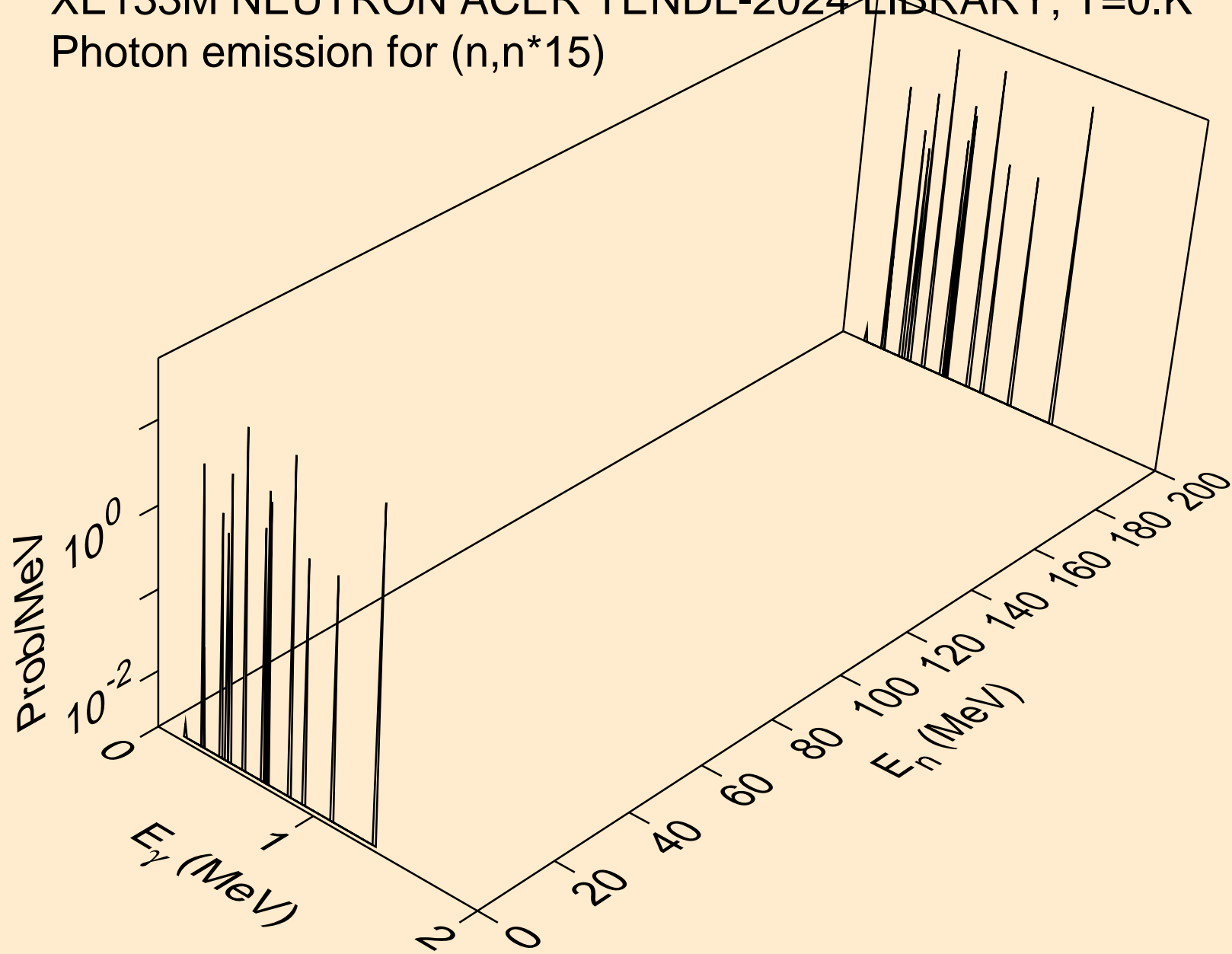
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Photon emission for (n,n\*13)



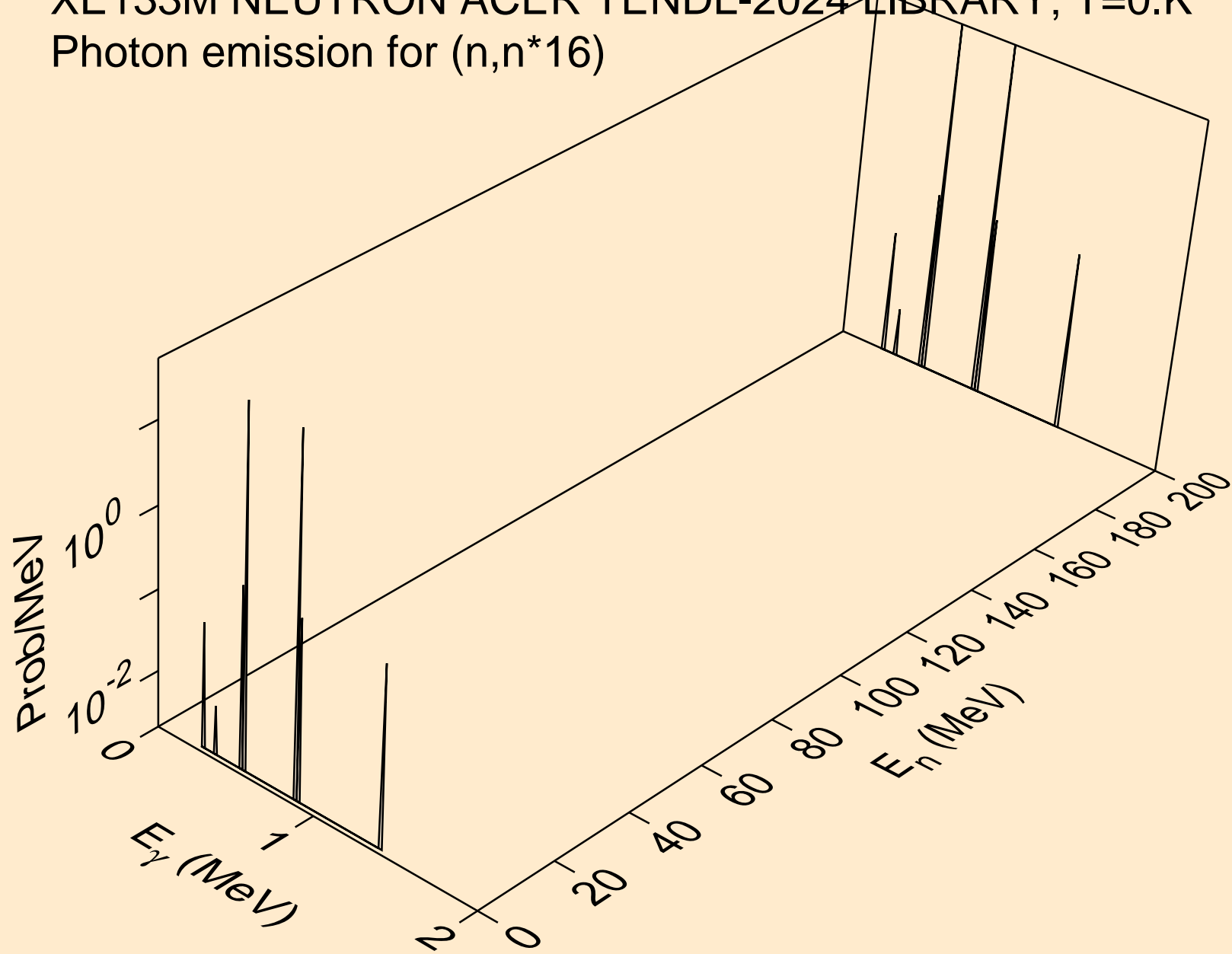
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*14)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*15)

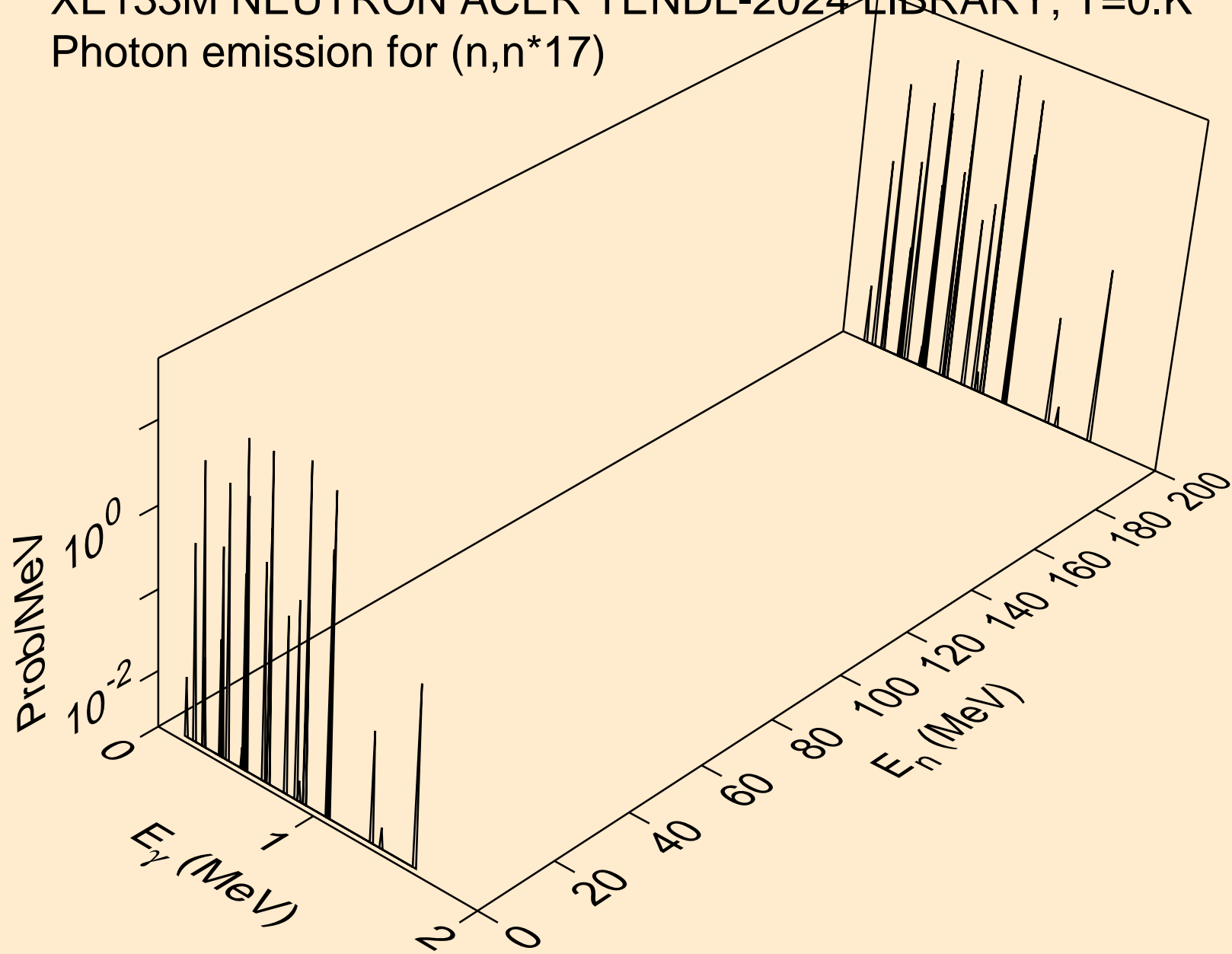


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Photon emission for (n,n\*16)

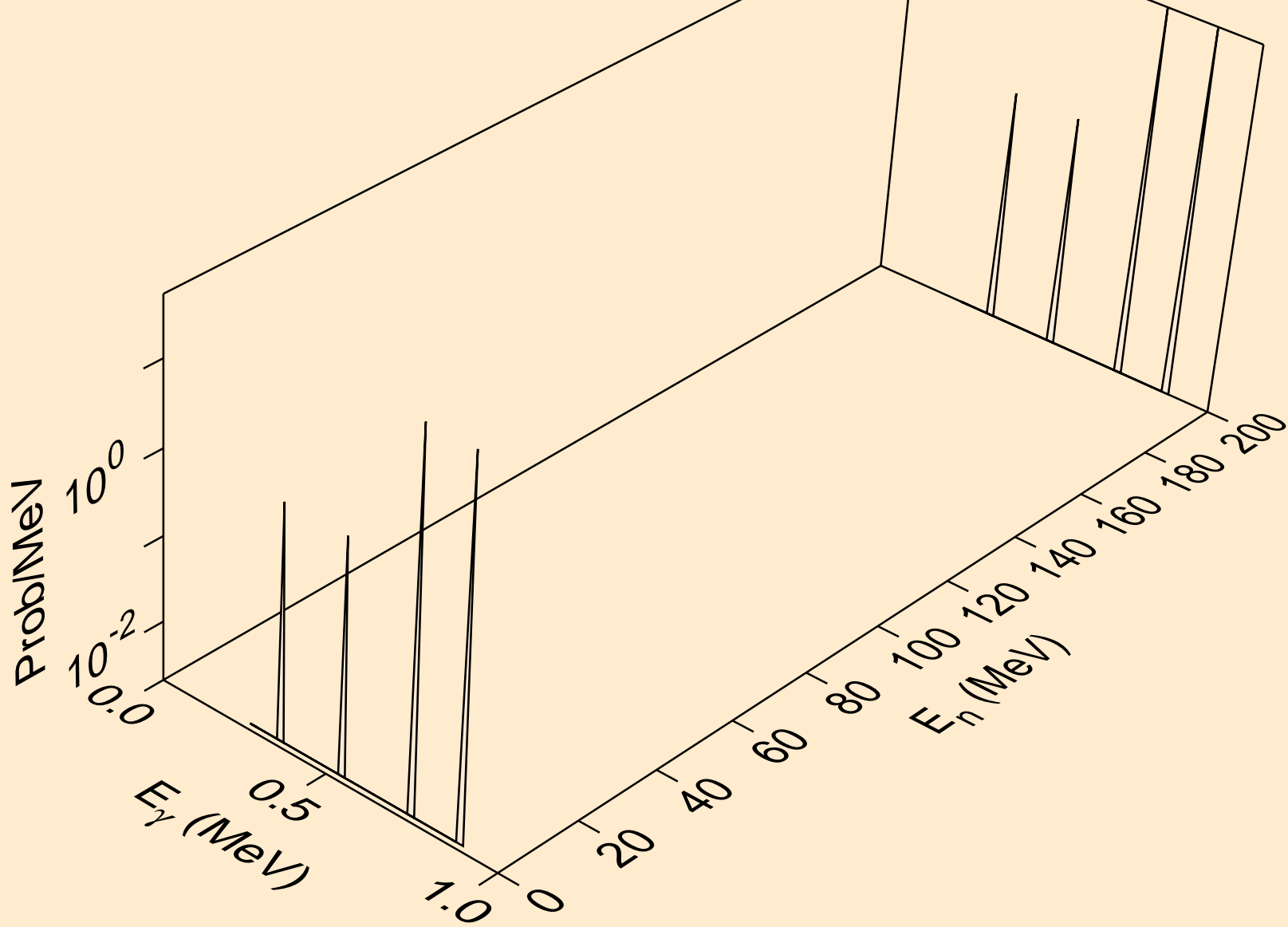




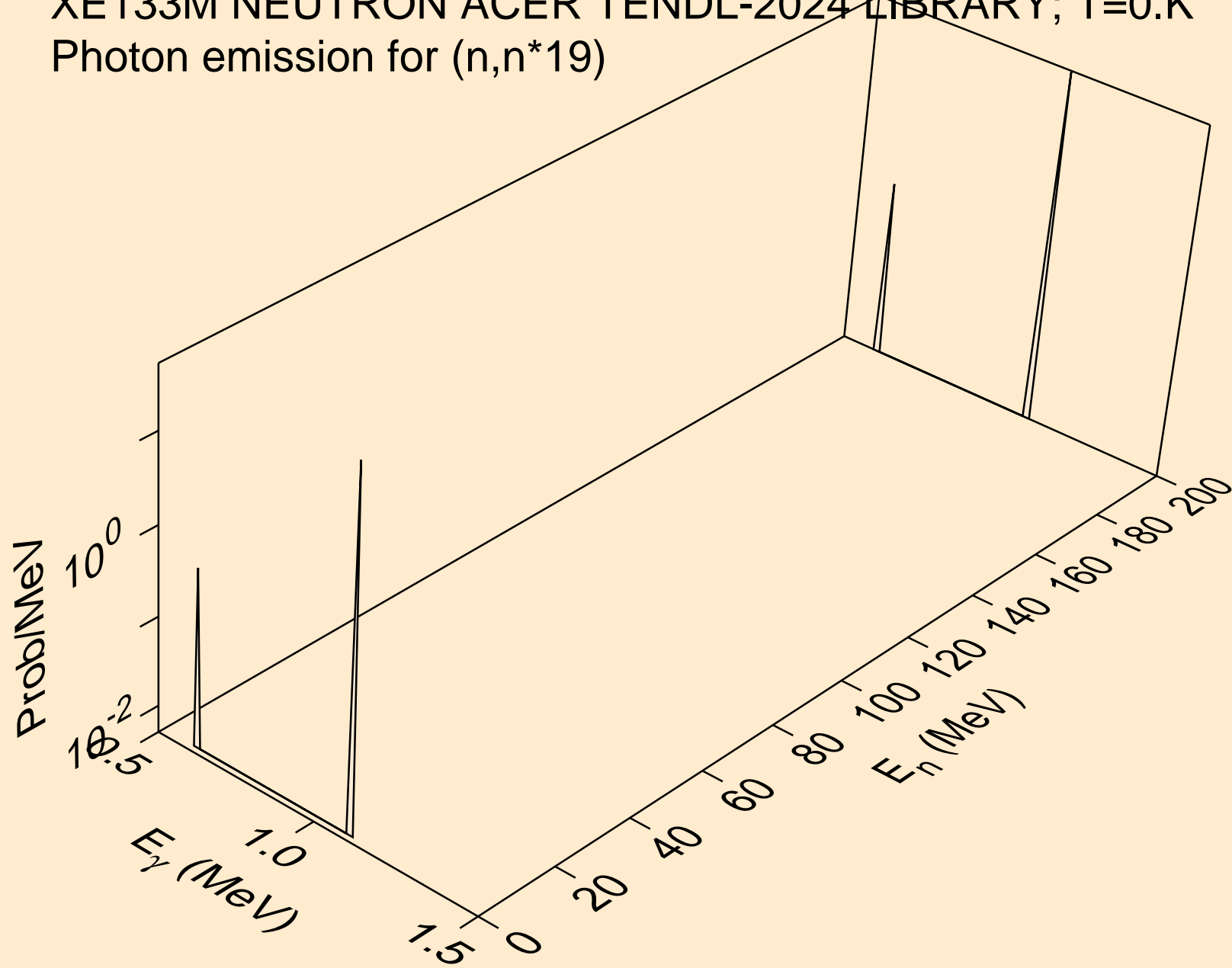
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Photon emission for (n,n\*17)



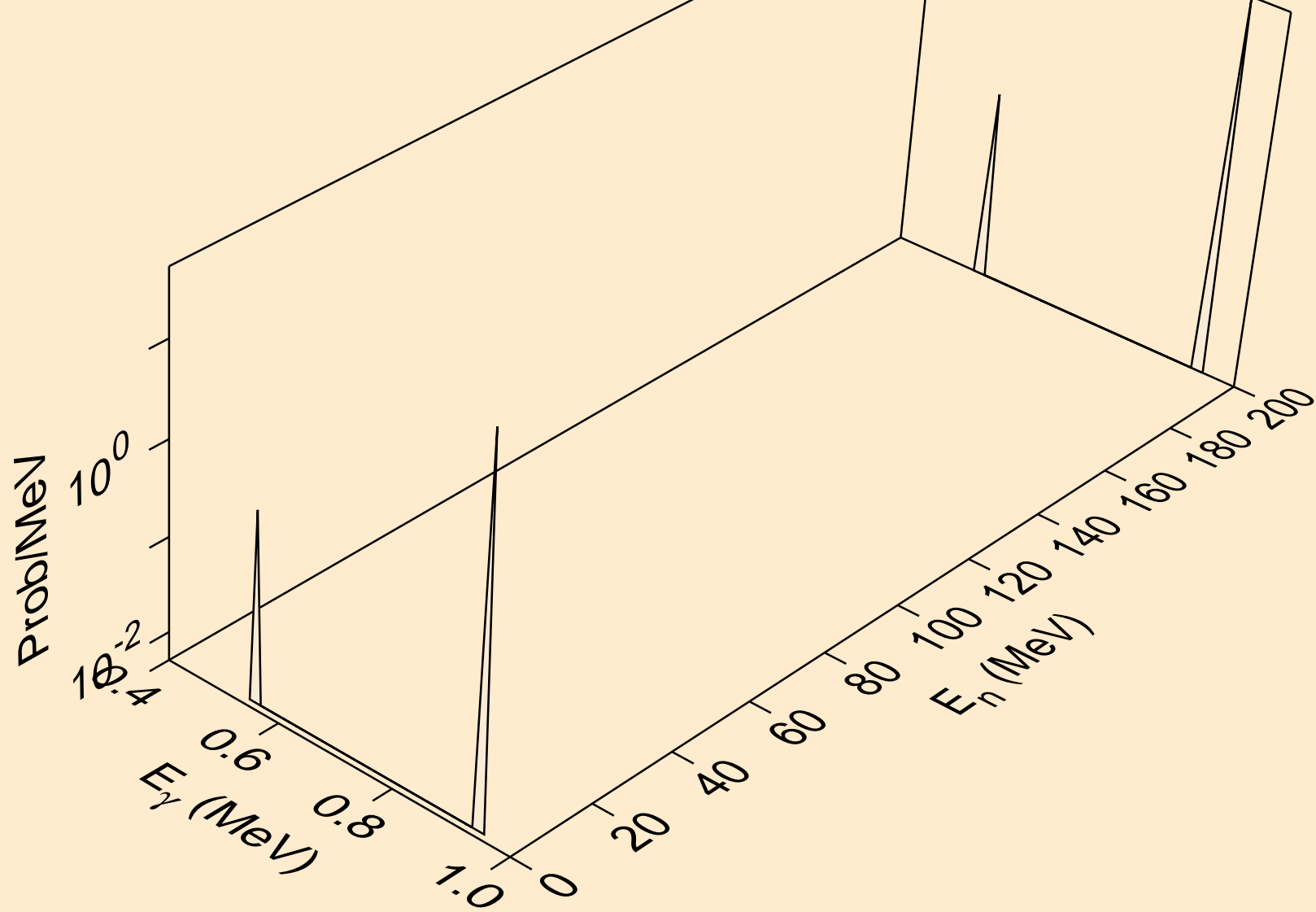
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Photon emission for (n,n\*18)



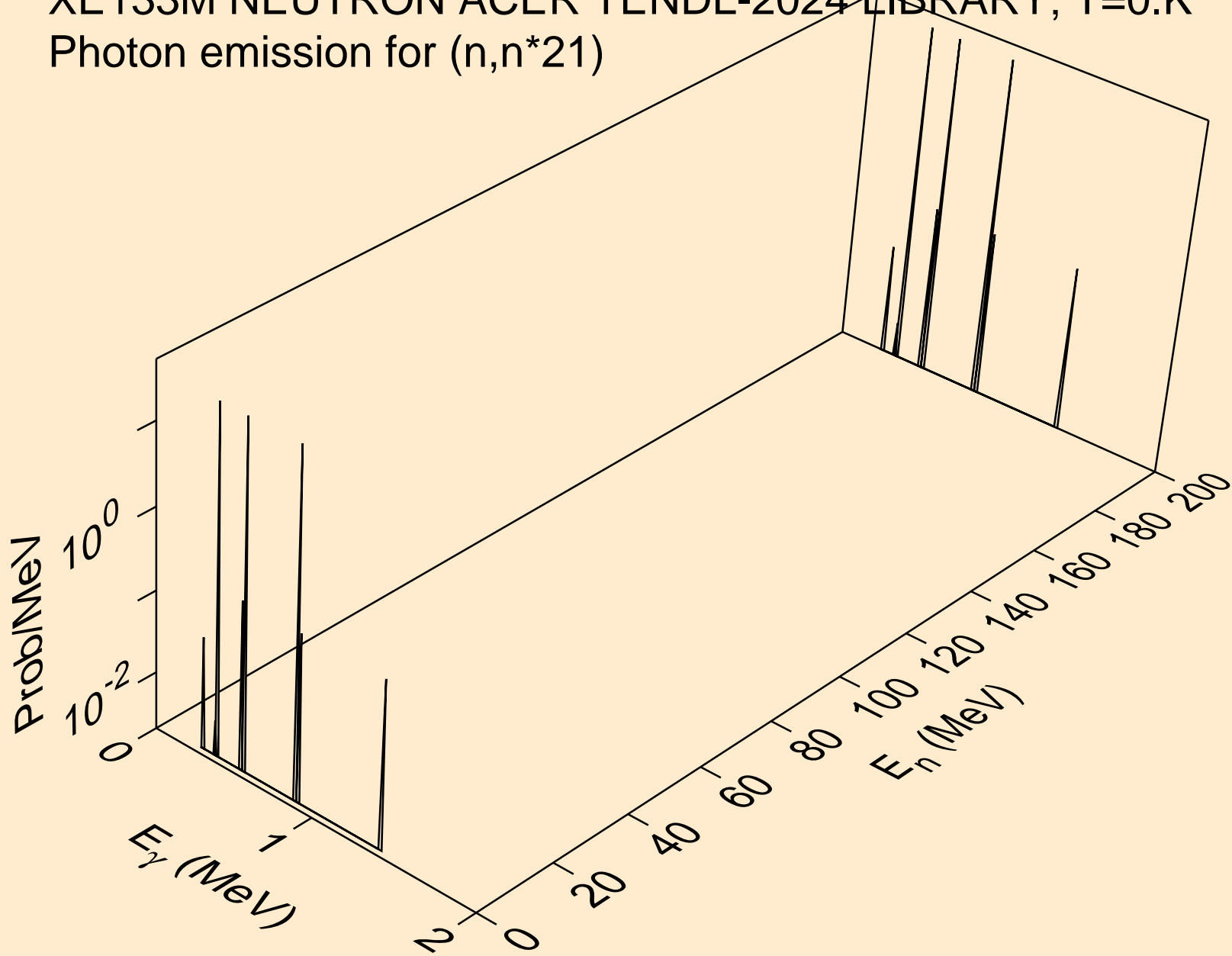
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Photon emission for (n,n\*19)



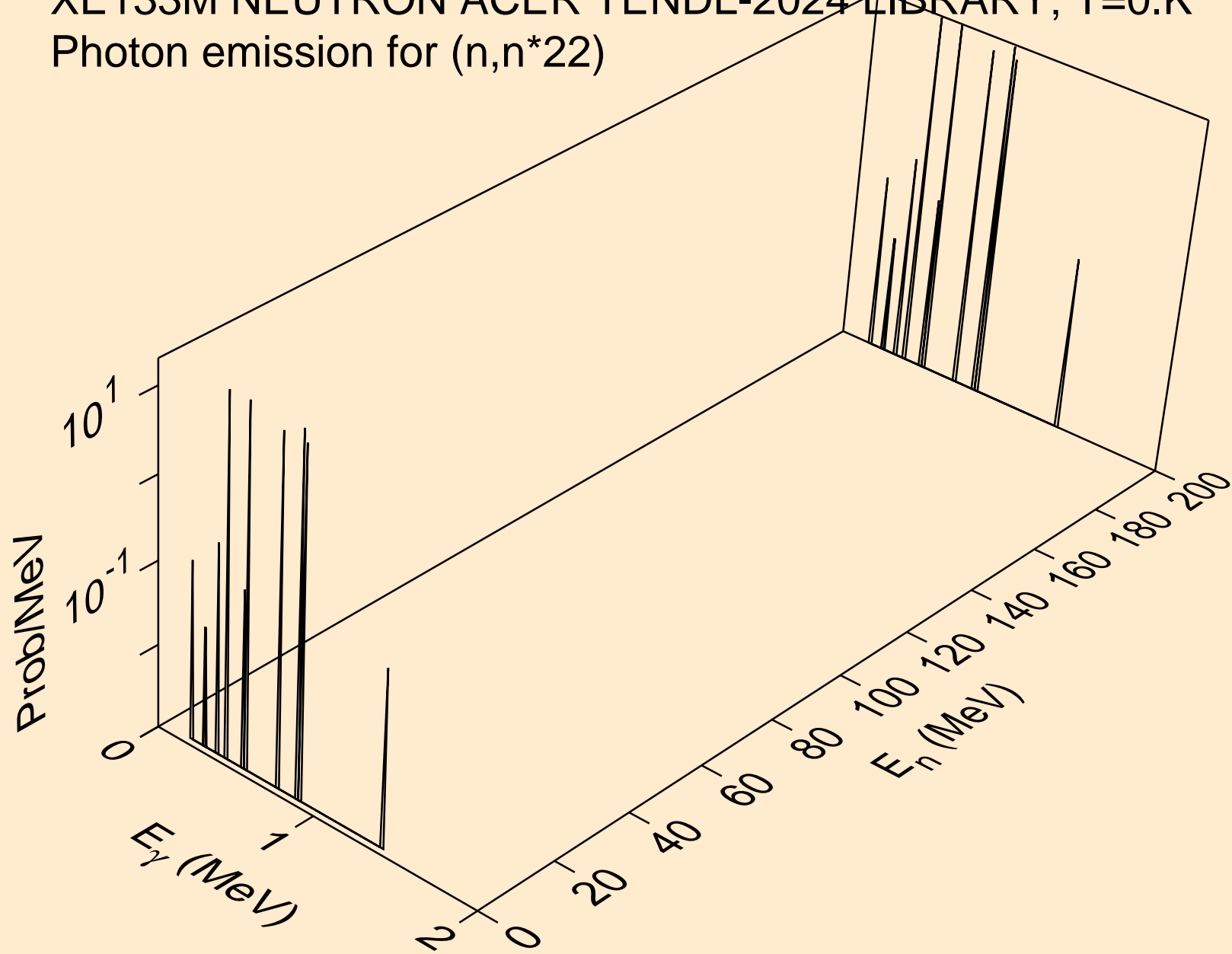
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Photon emission for (n,n\*20)



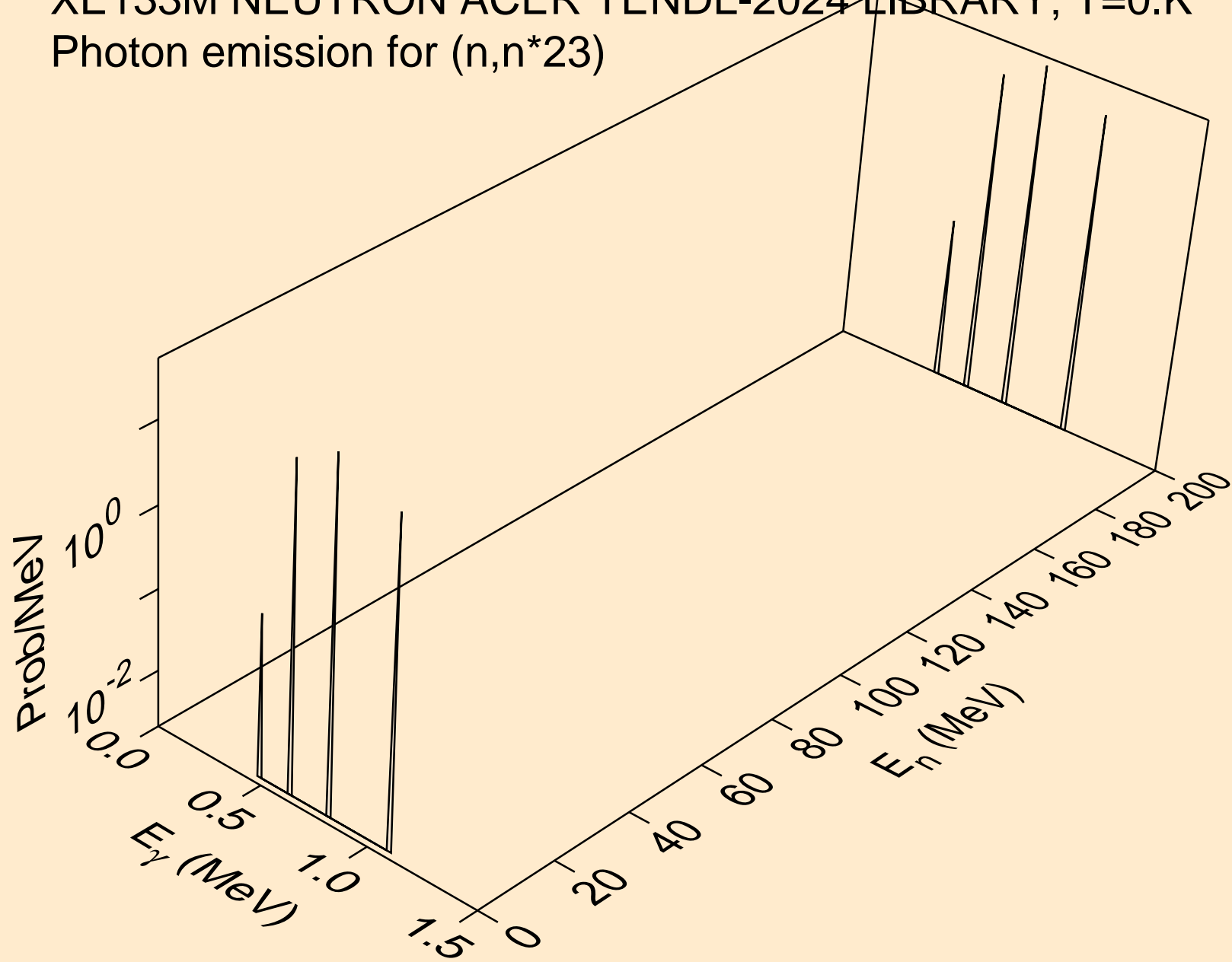
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Photon emission for (n,n\*21)



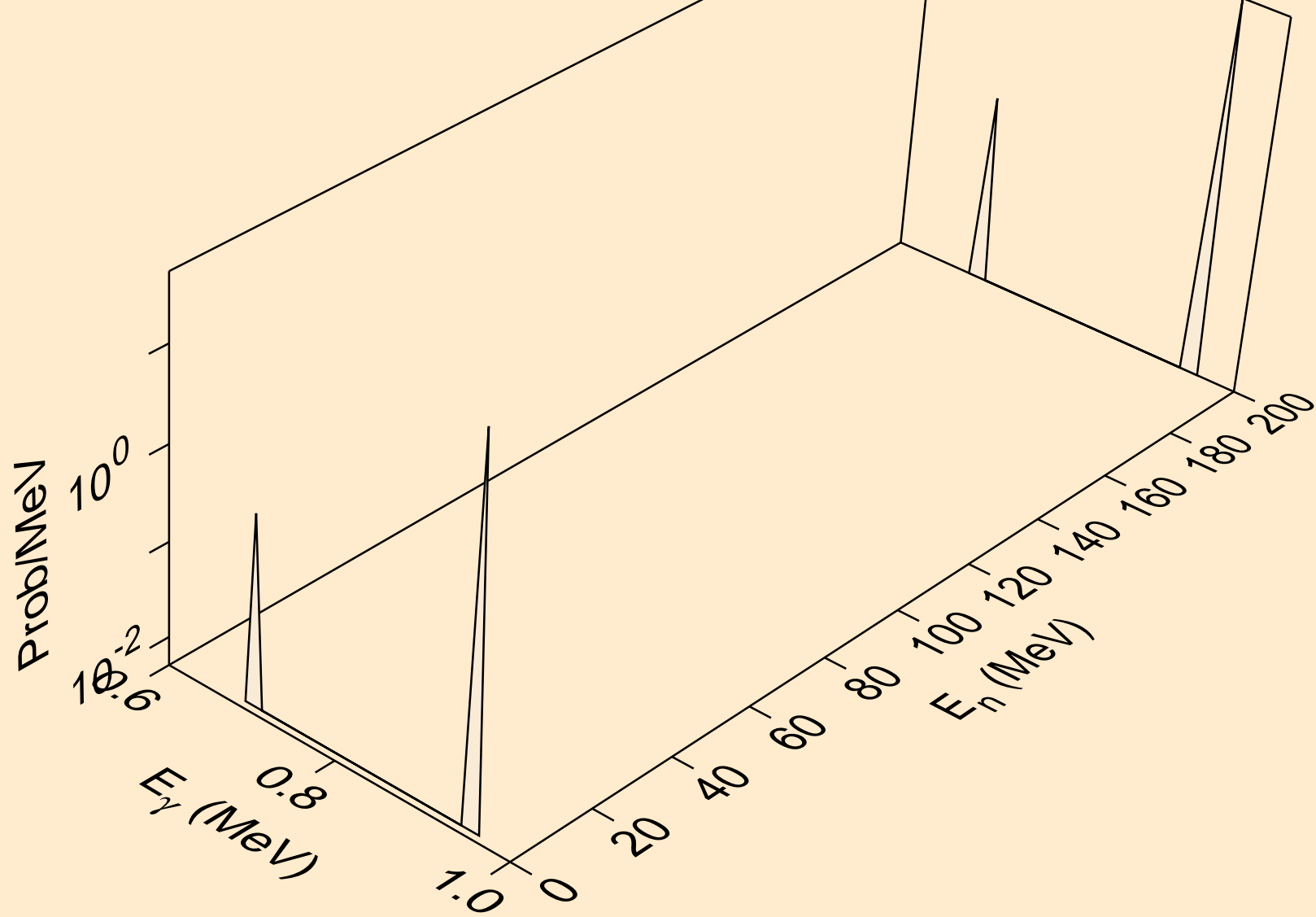
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*22)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*23)

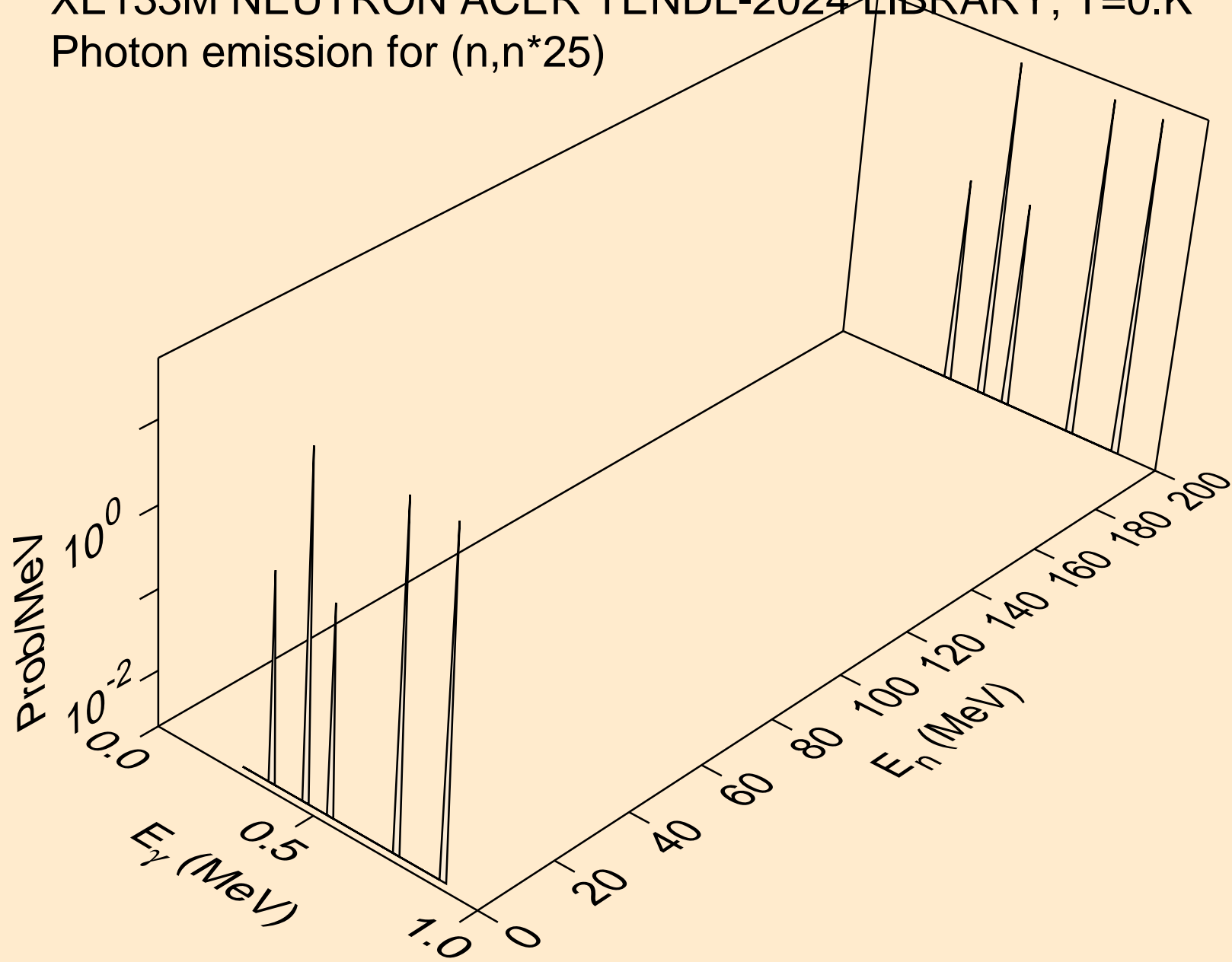


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Photon emission for (n,n\*24)

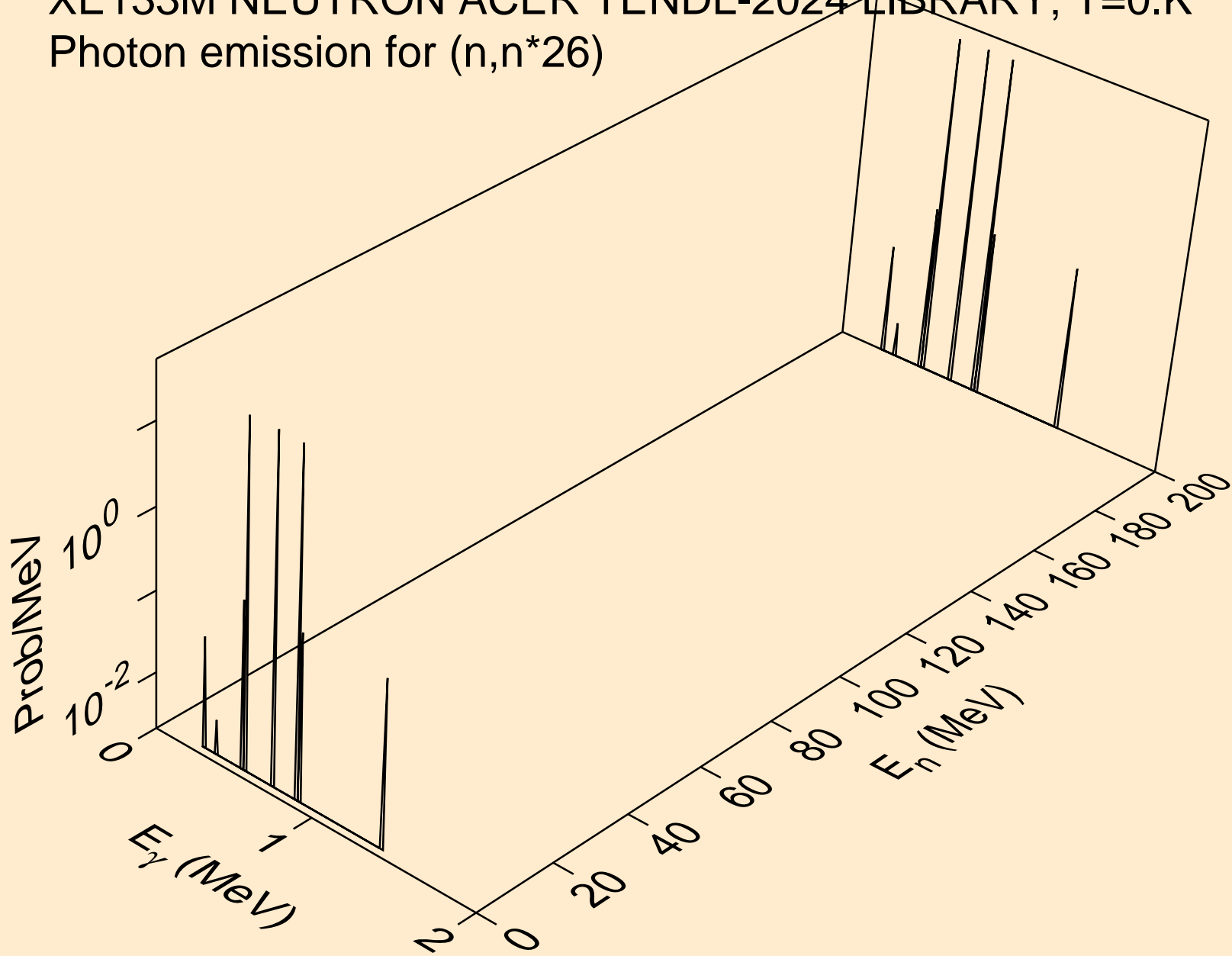




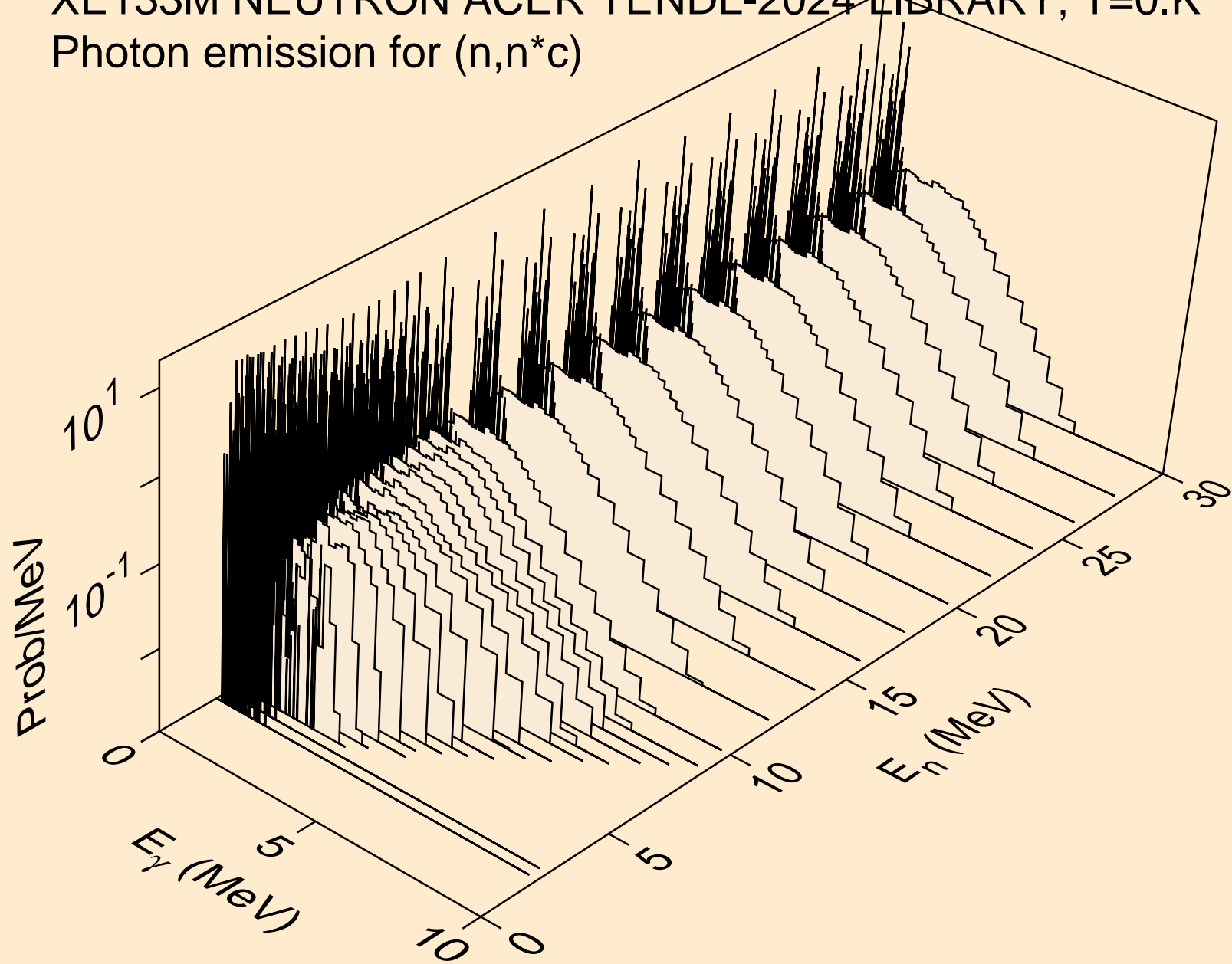
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Photon emission for (n,n\*25)



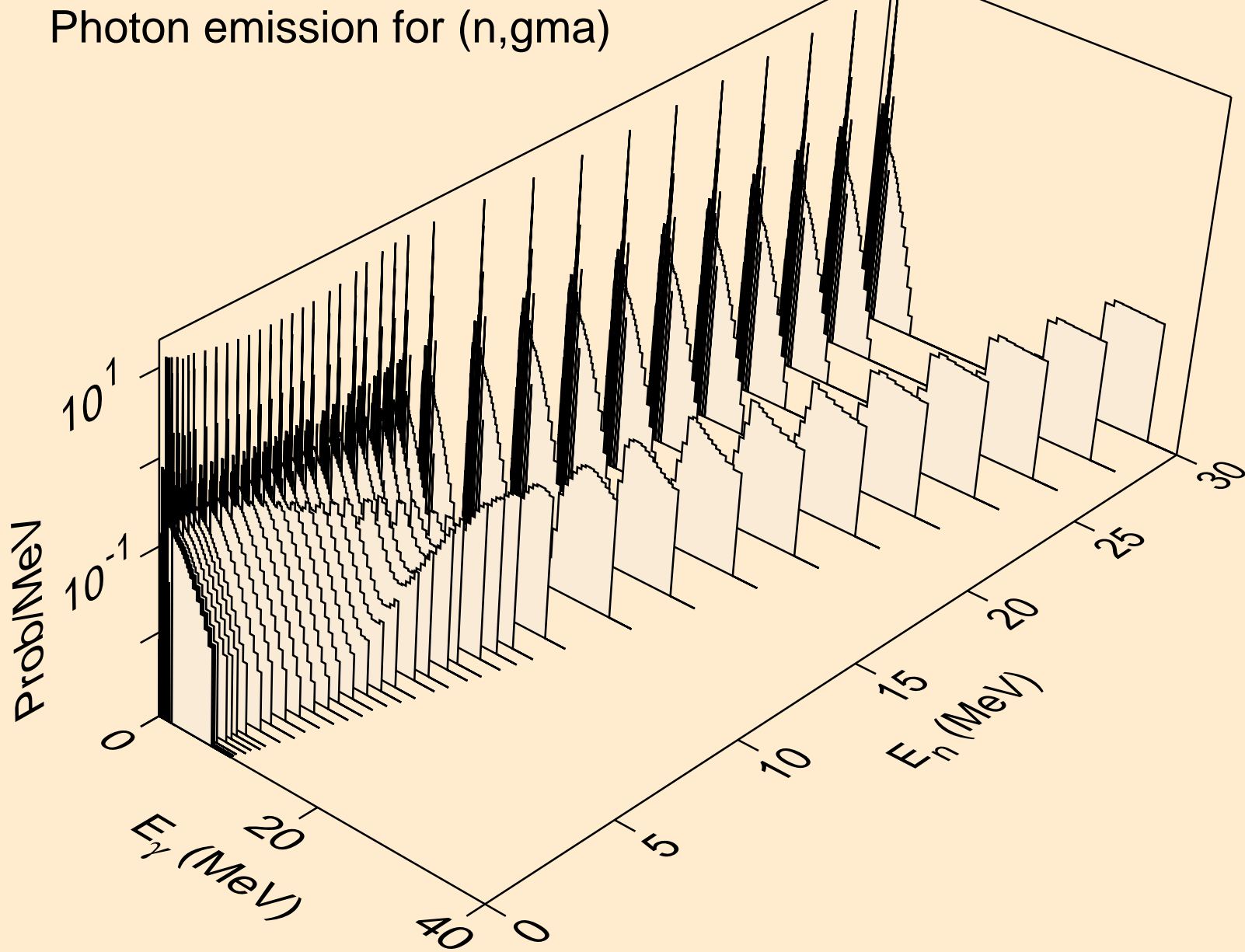
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Photon emission for (n,n\*26)



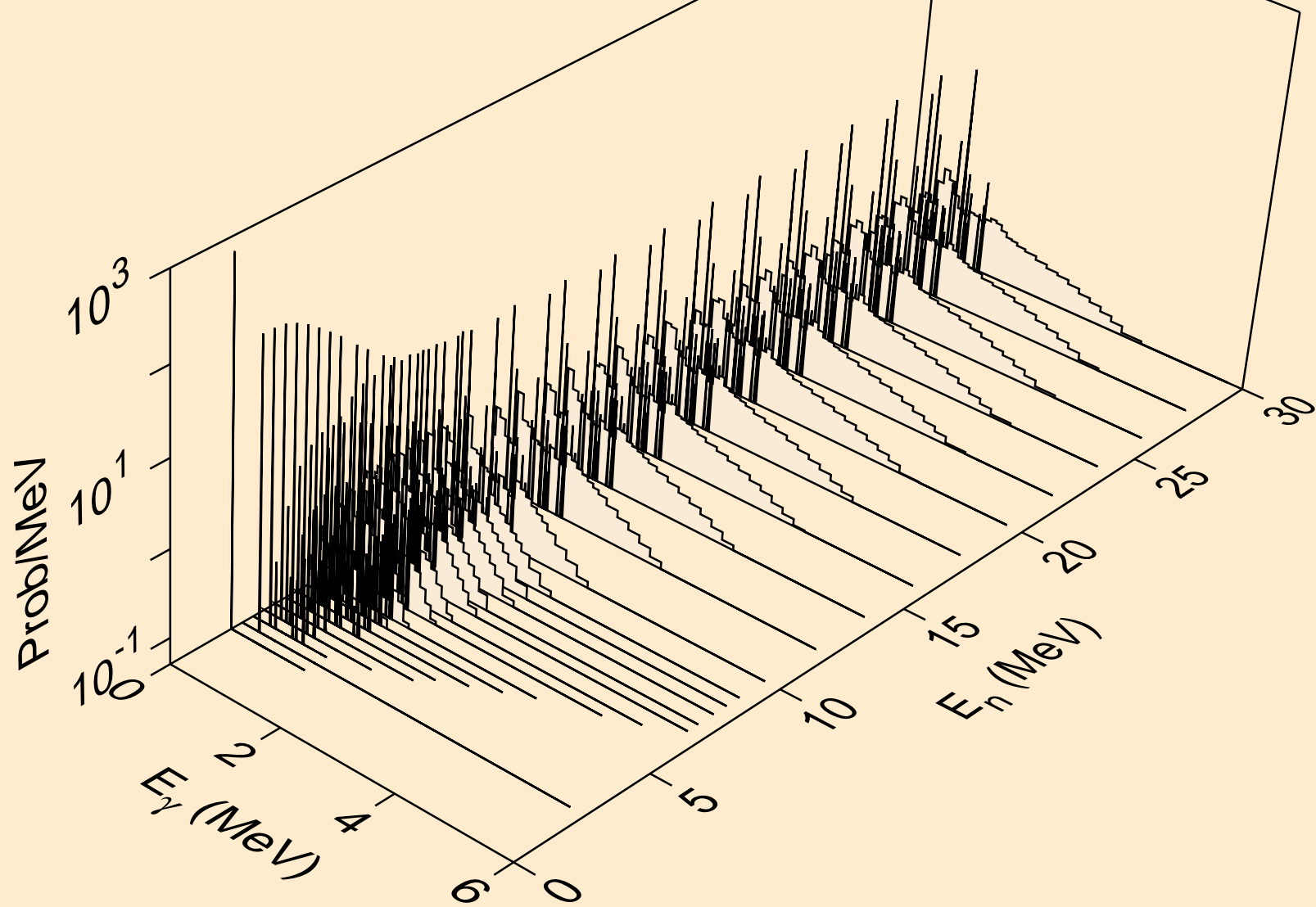
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Photon emission for (n,n\*c)



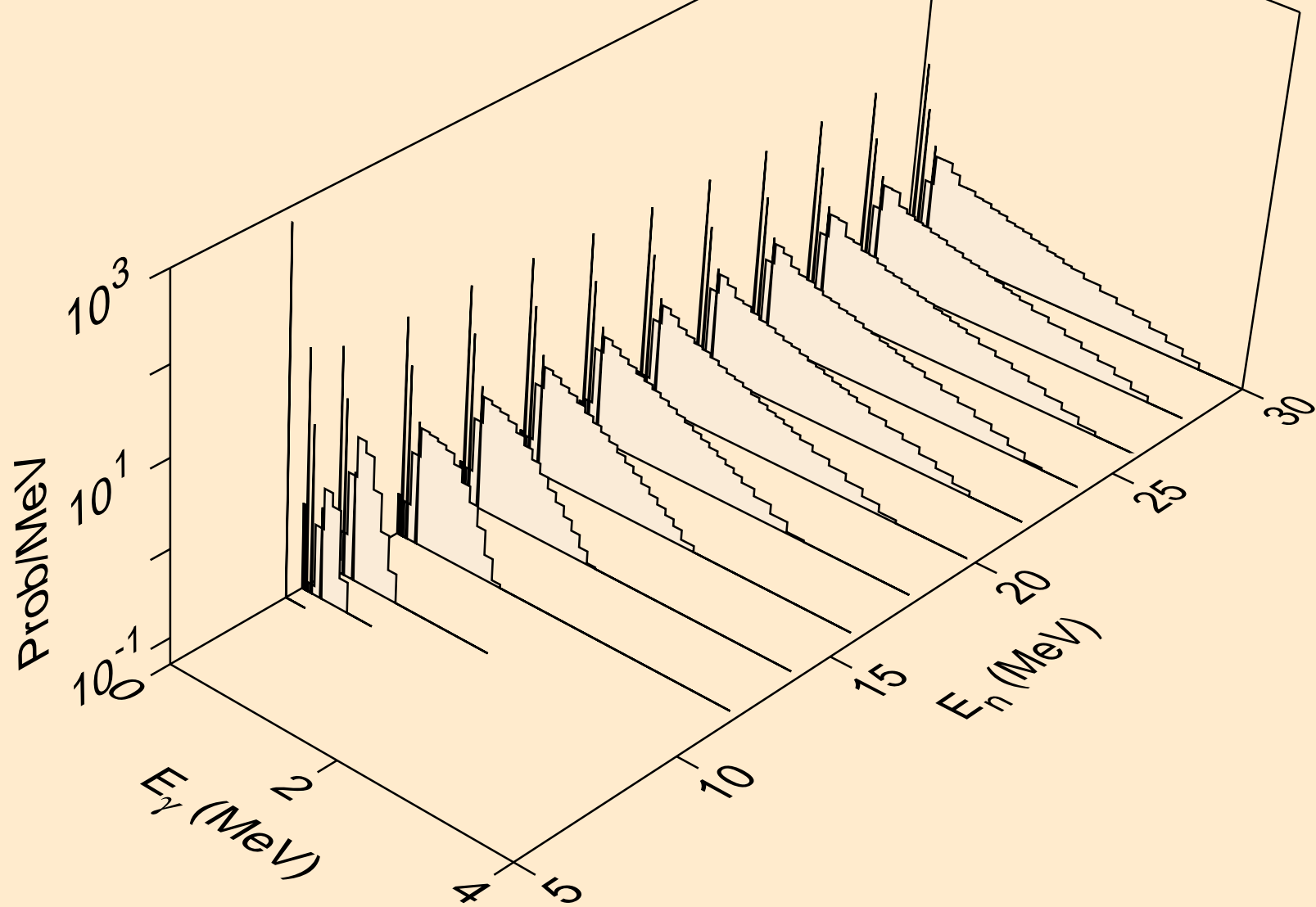
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Photon emission for (n,gma)



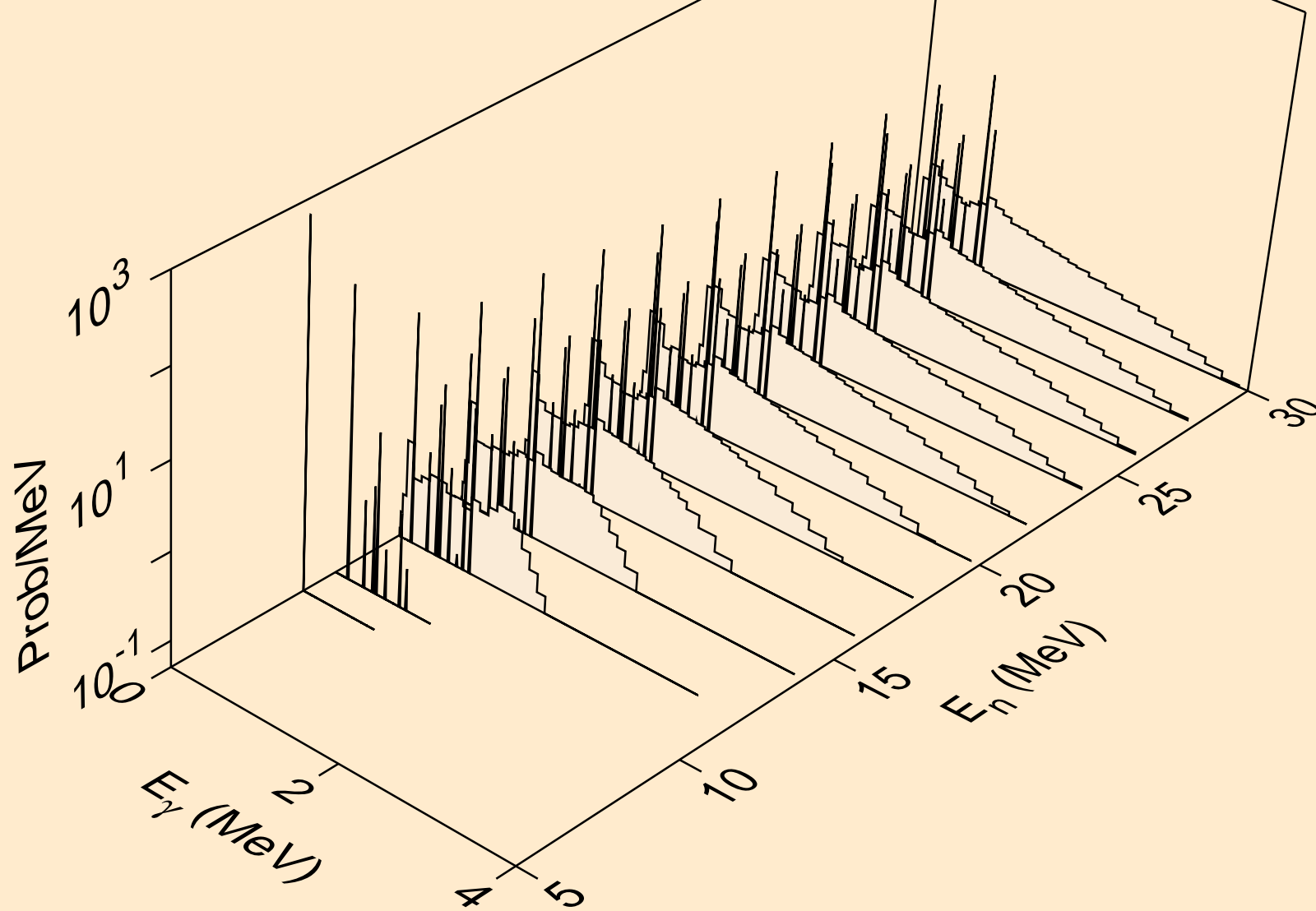
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Photon emission for (n,p)



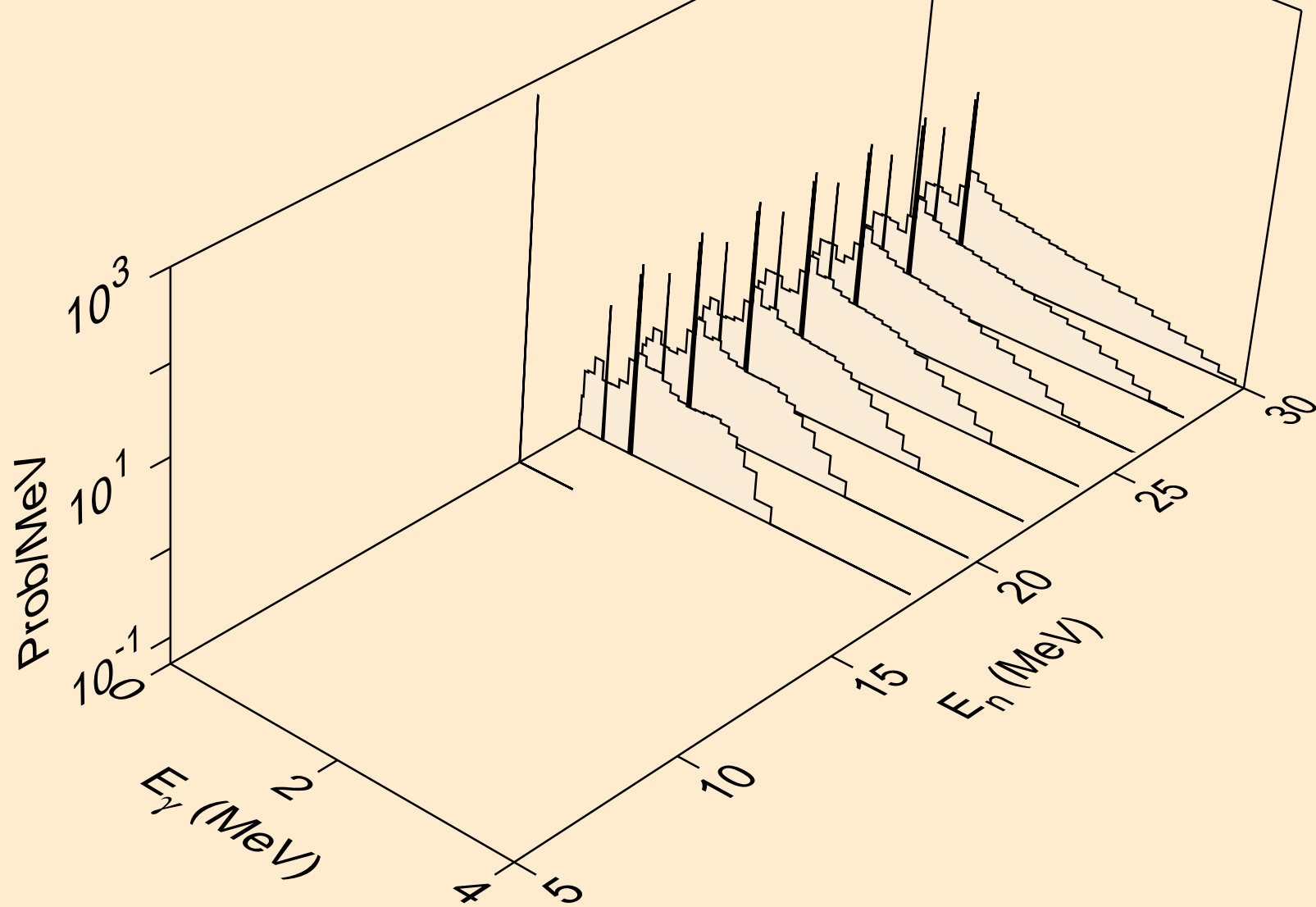
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Photon emission for (n,d)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

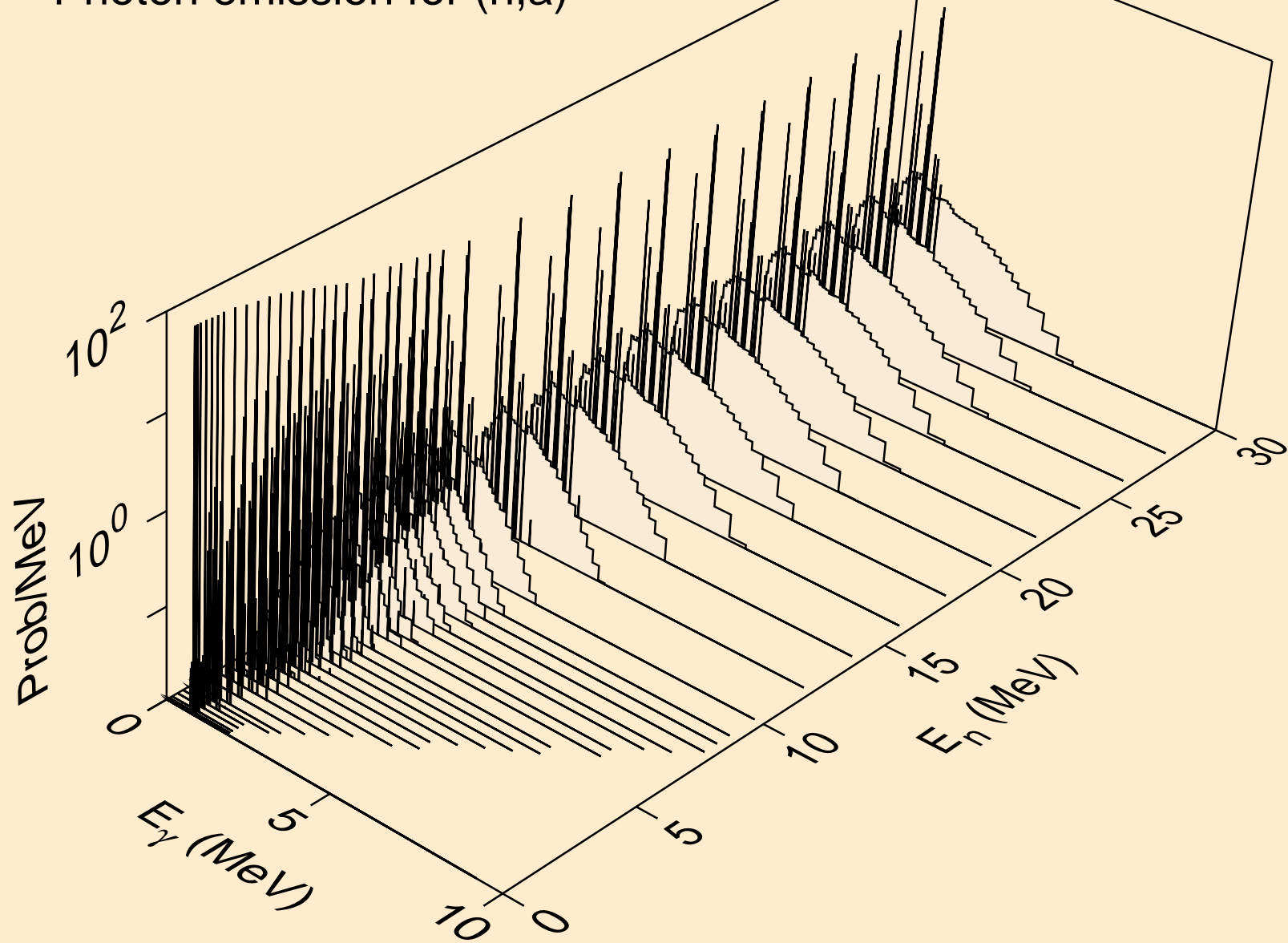


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

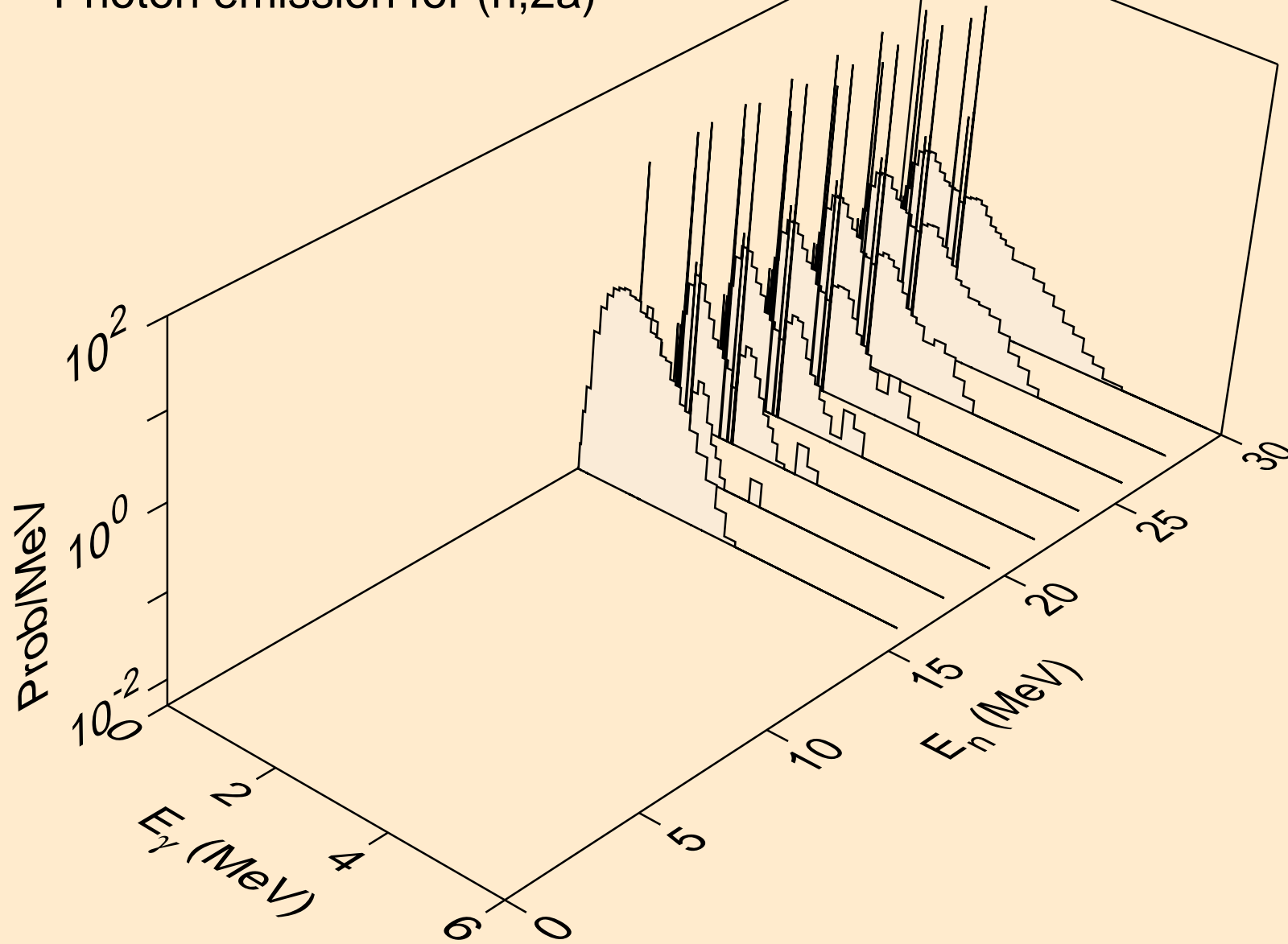




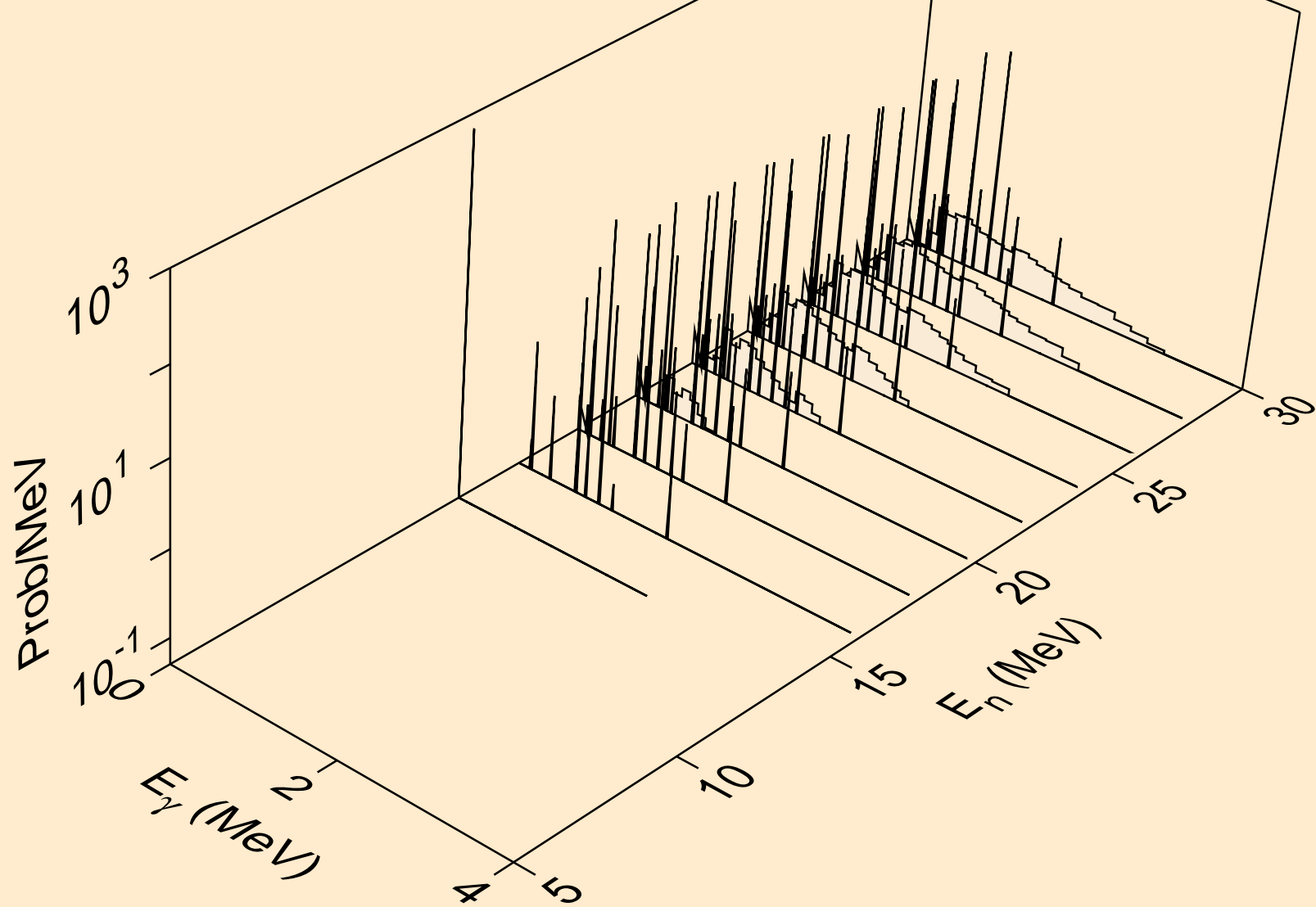
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Photon emission for (n,a)



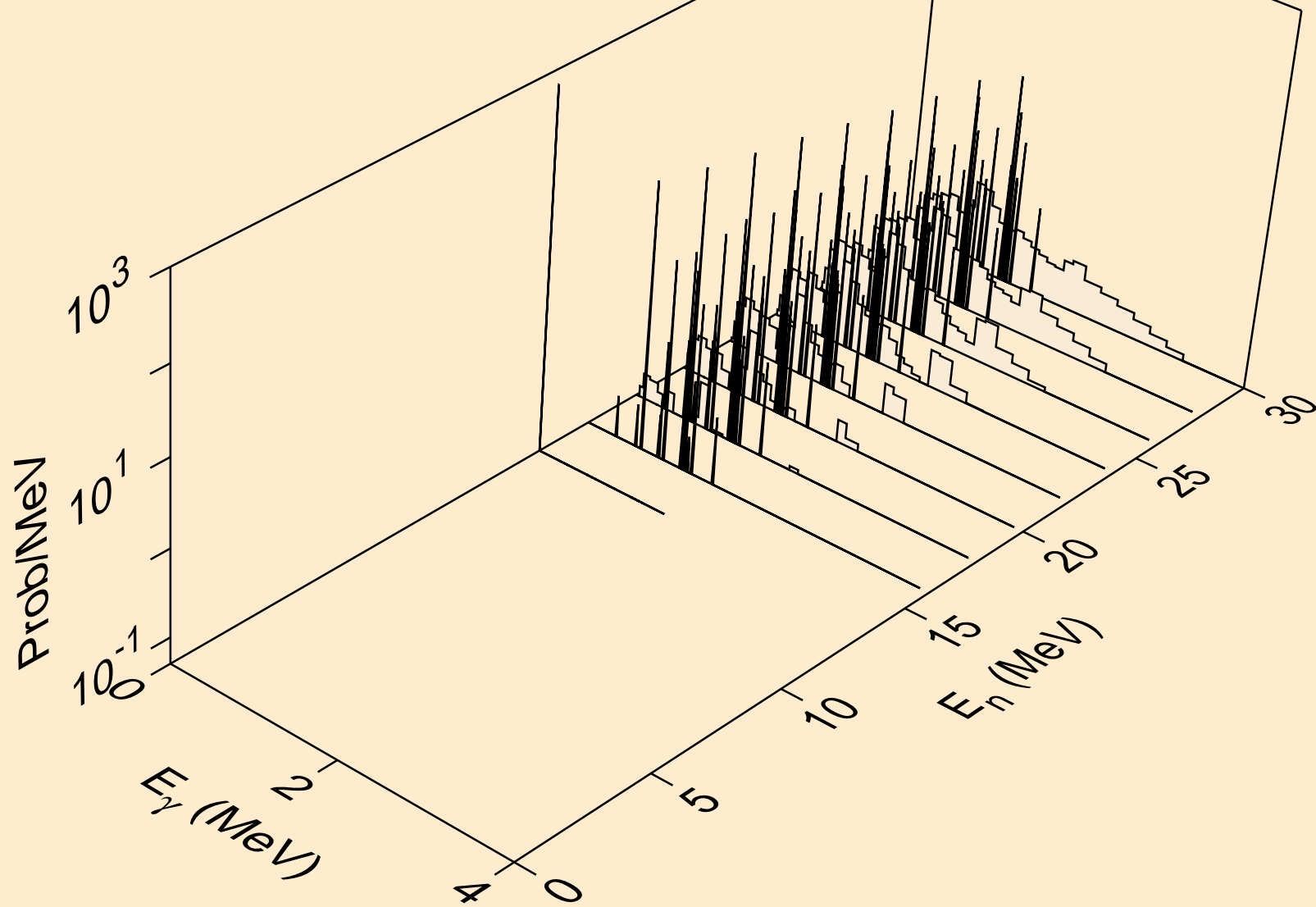
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Photon emission for (n,2a)



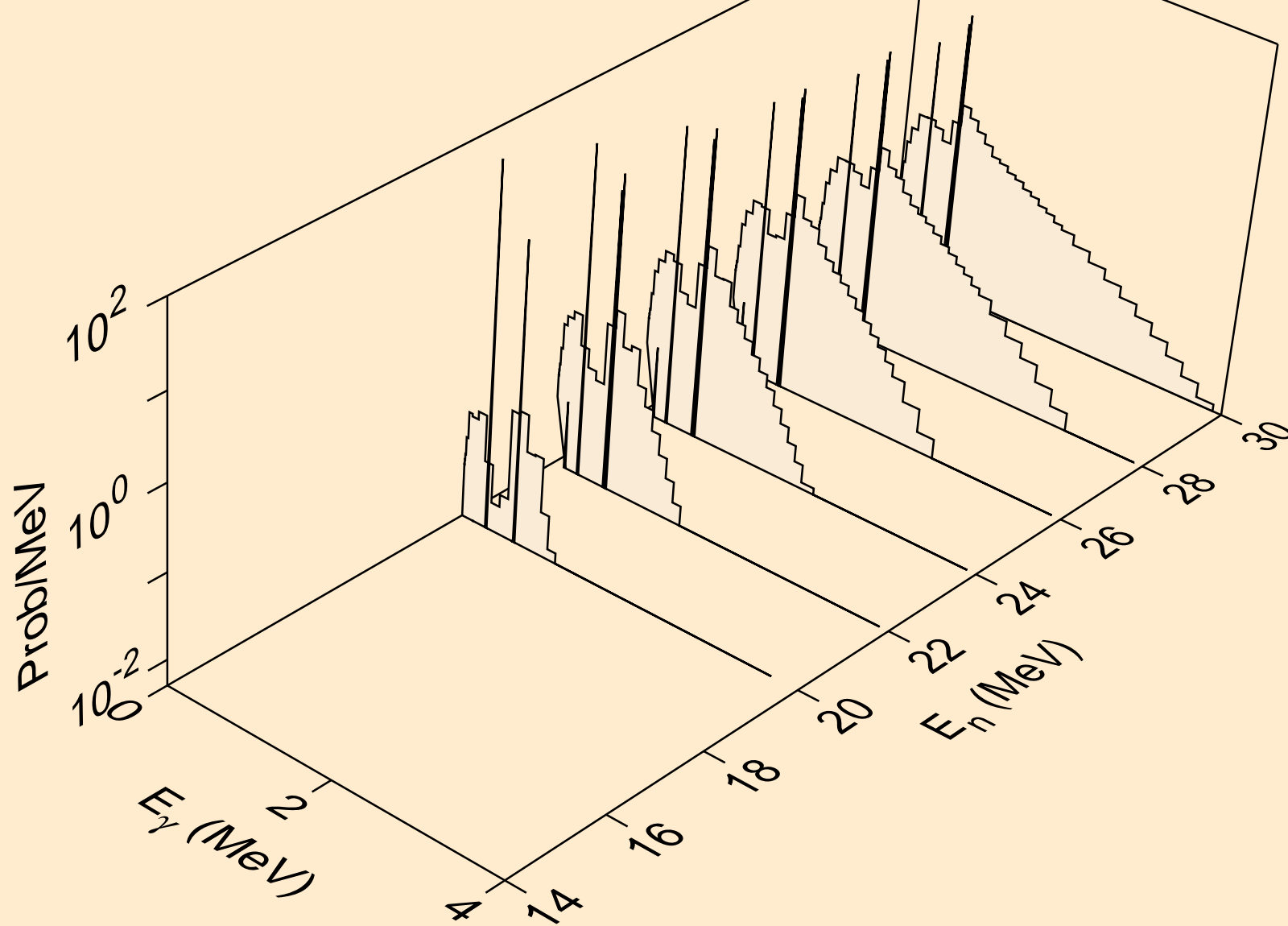
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Photon emission for (n,2p)



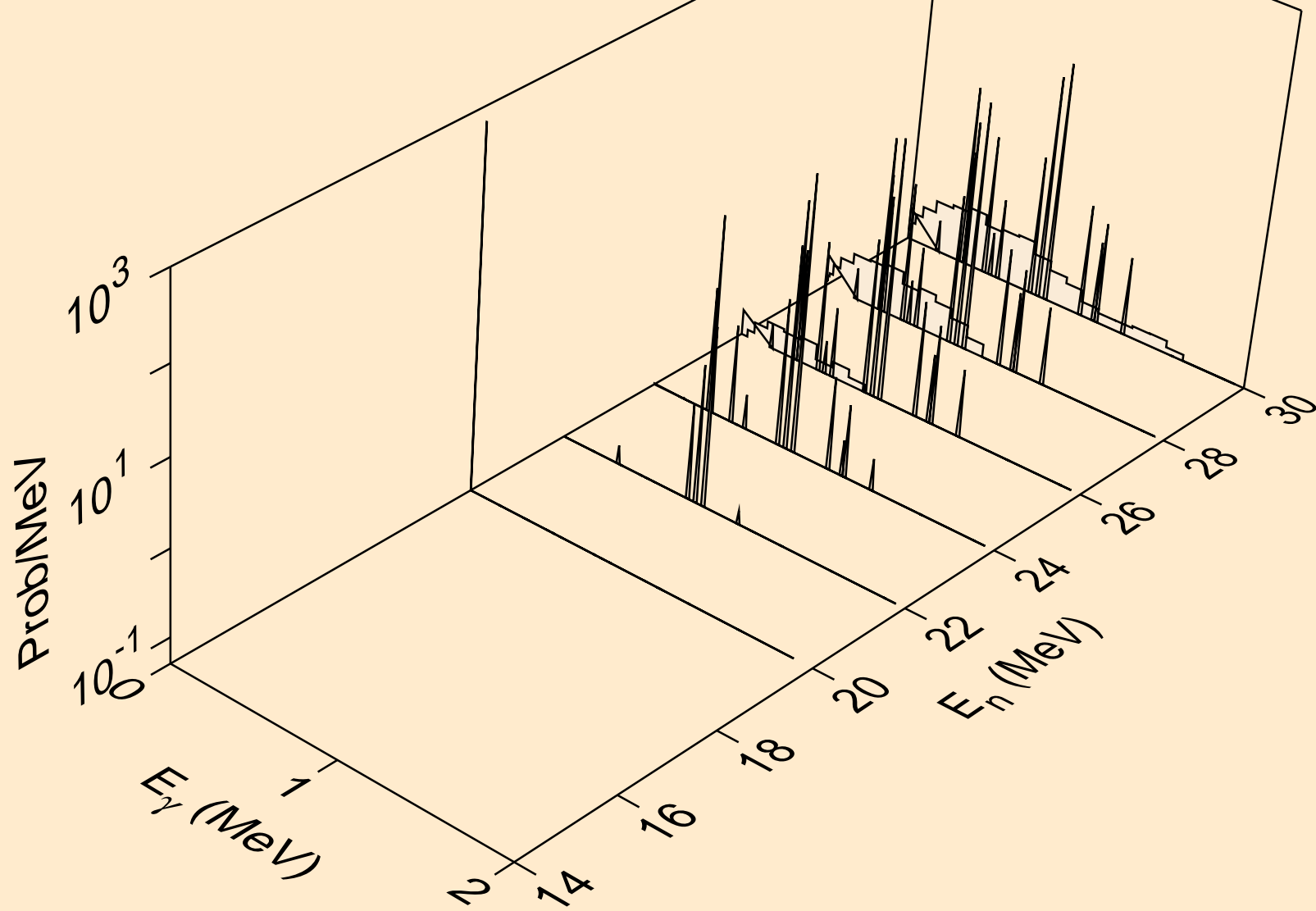
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Photon emission for (n,p $\alpha$ )



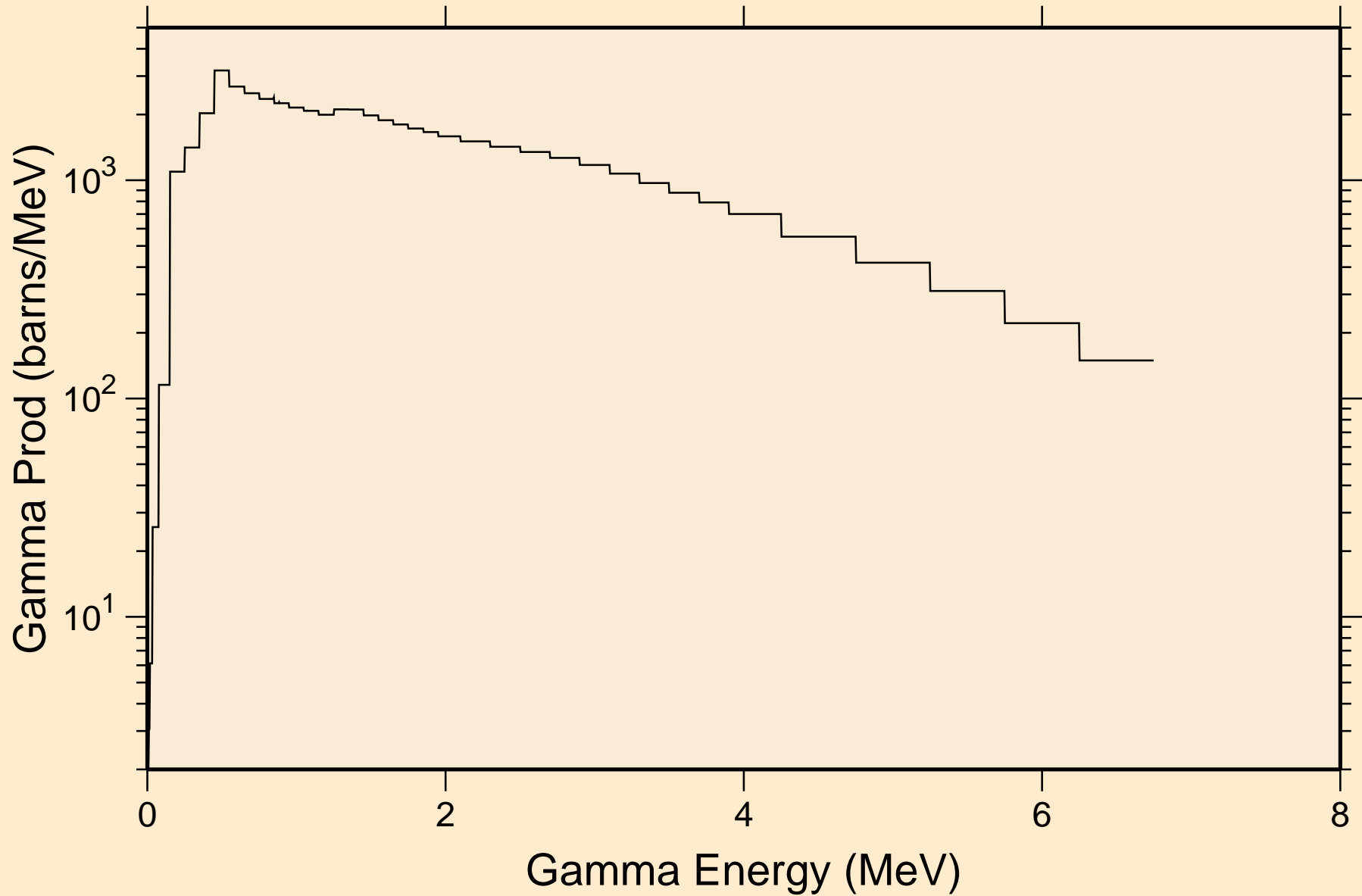
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Photon emission for (n,pd)



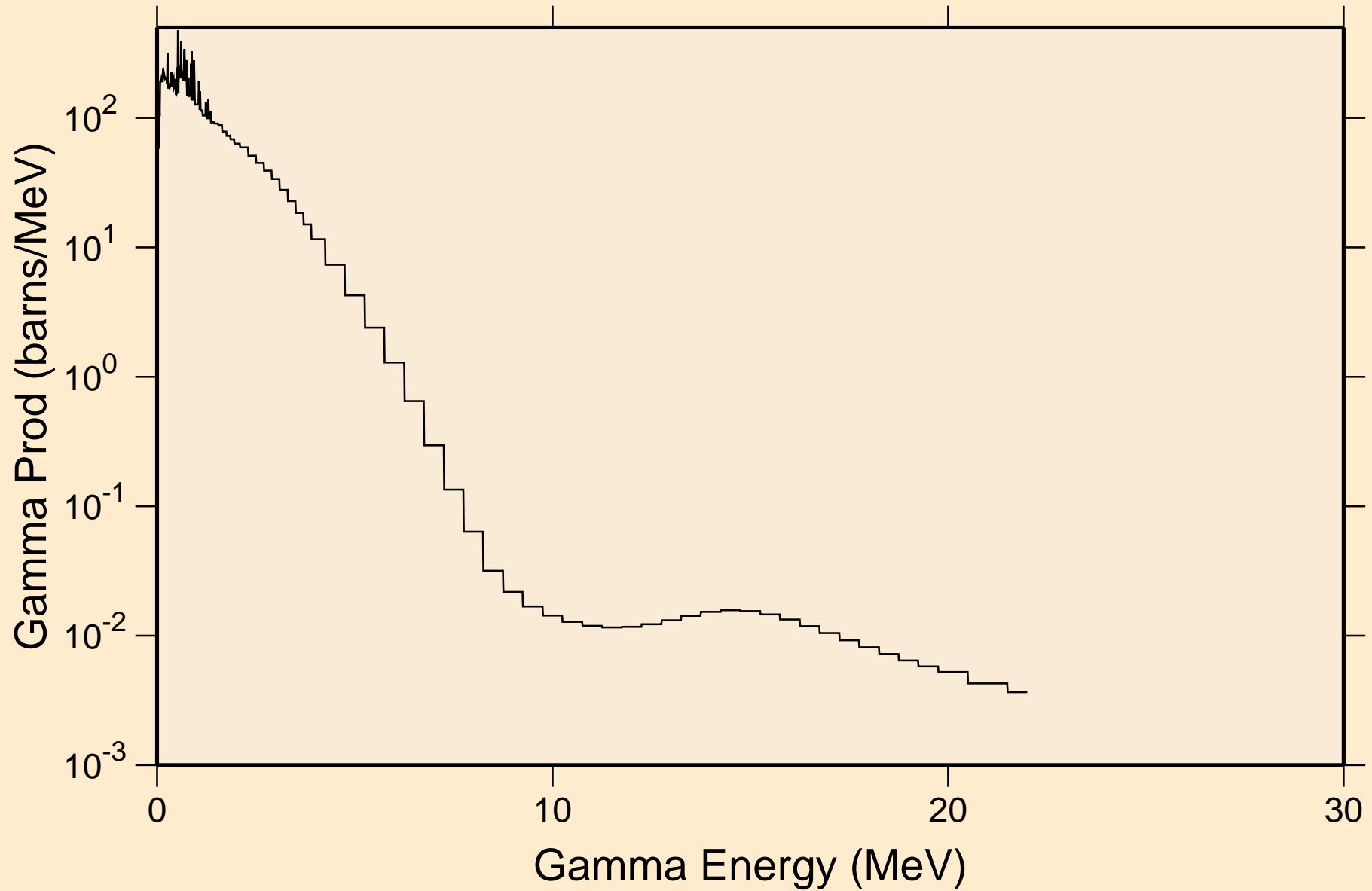
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



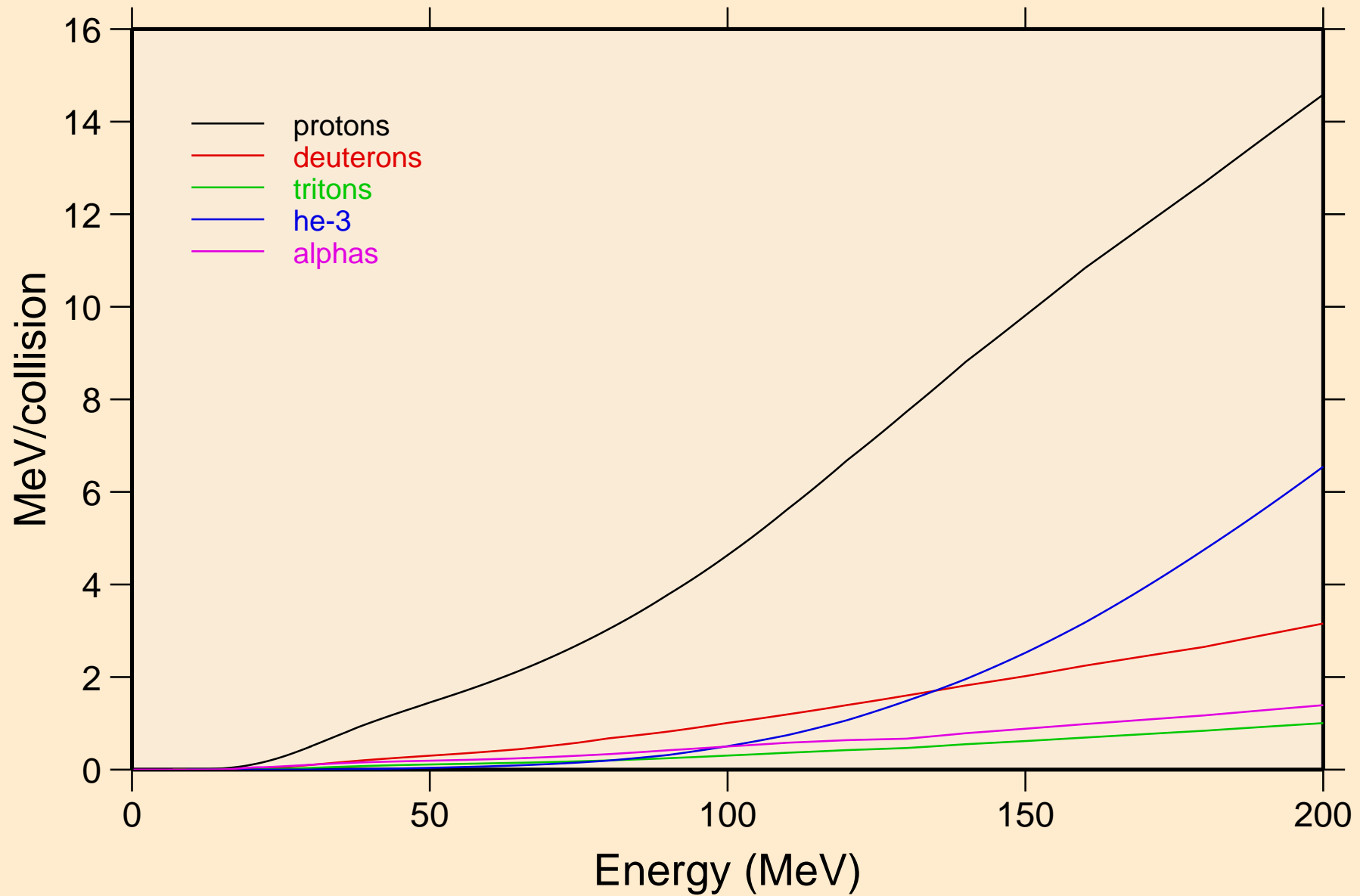
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum





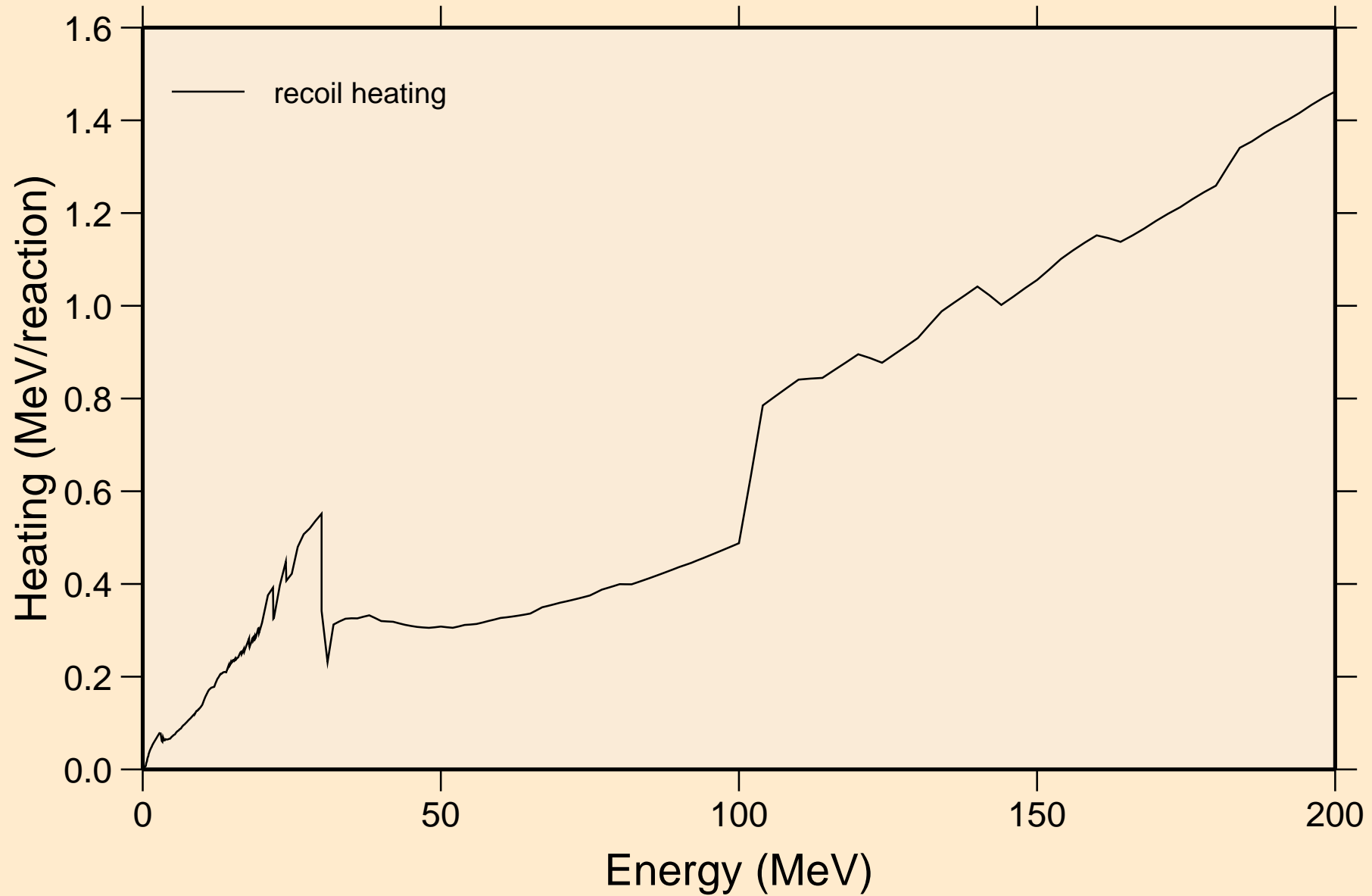
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



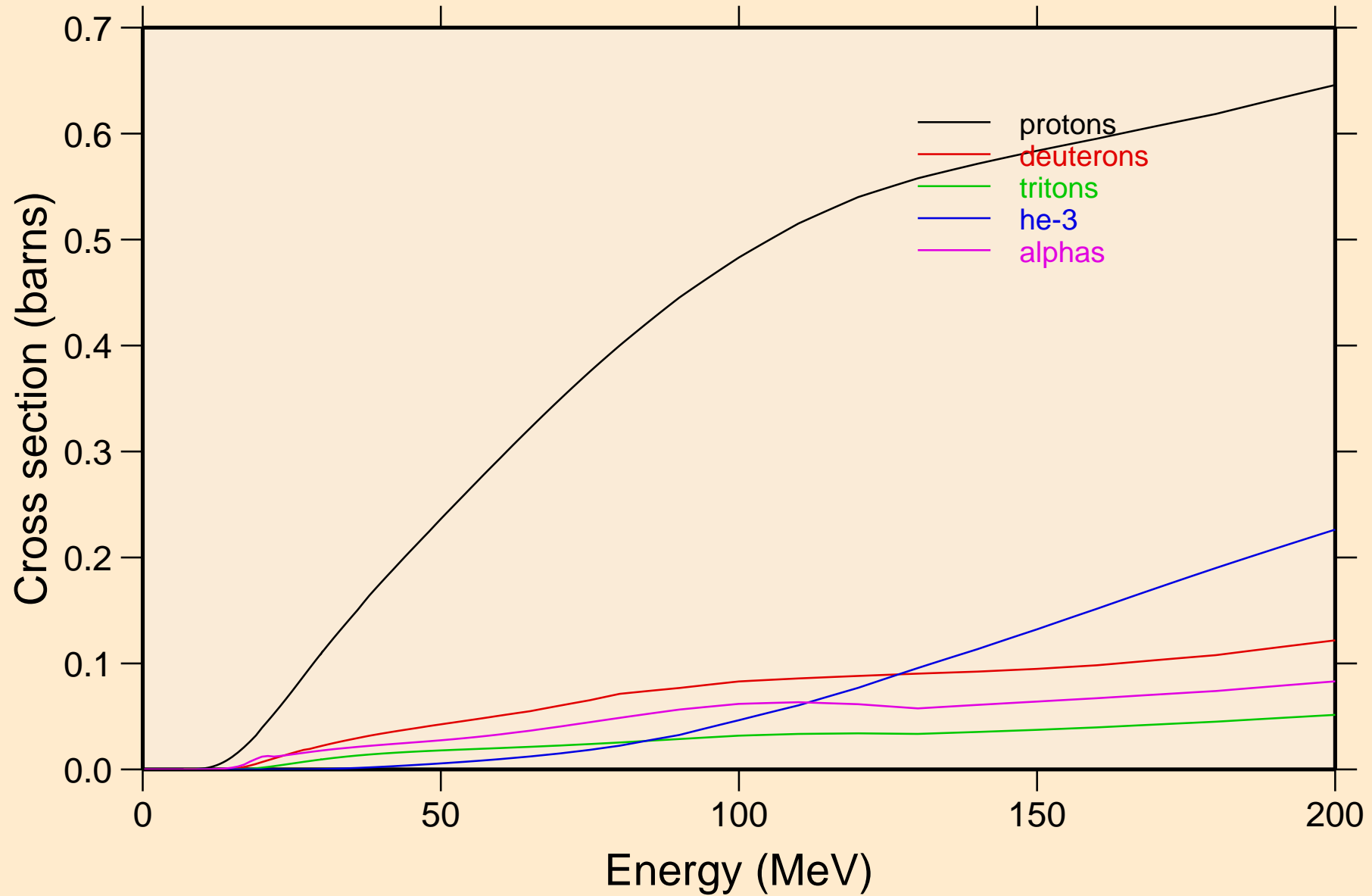
# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

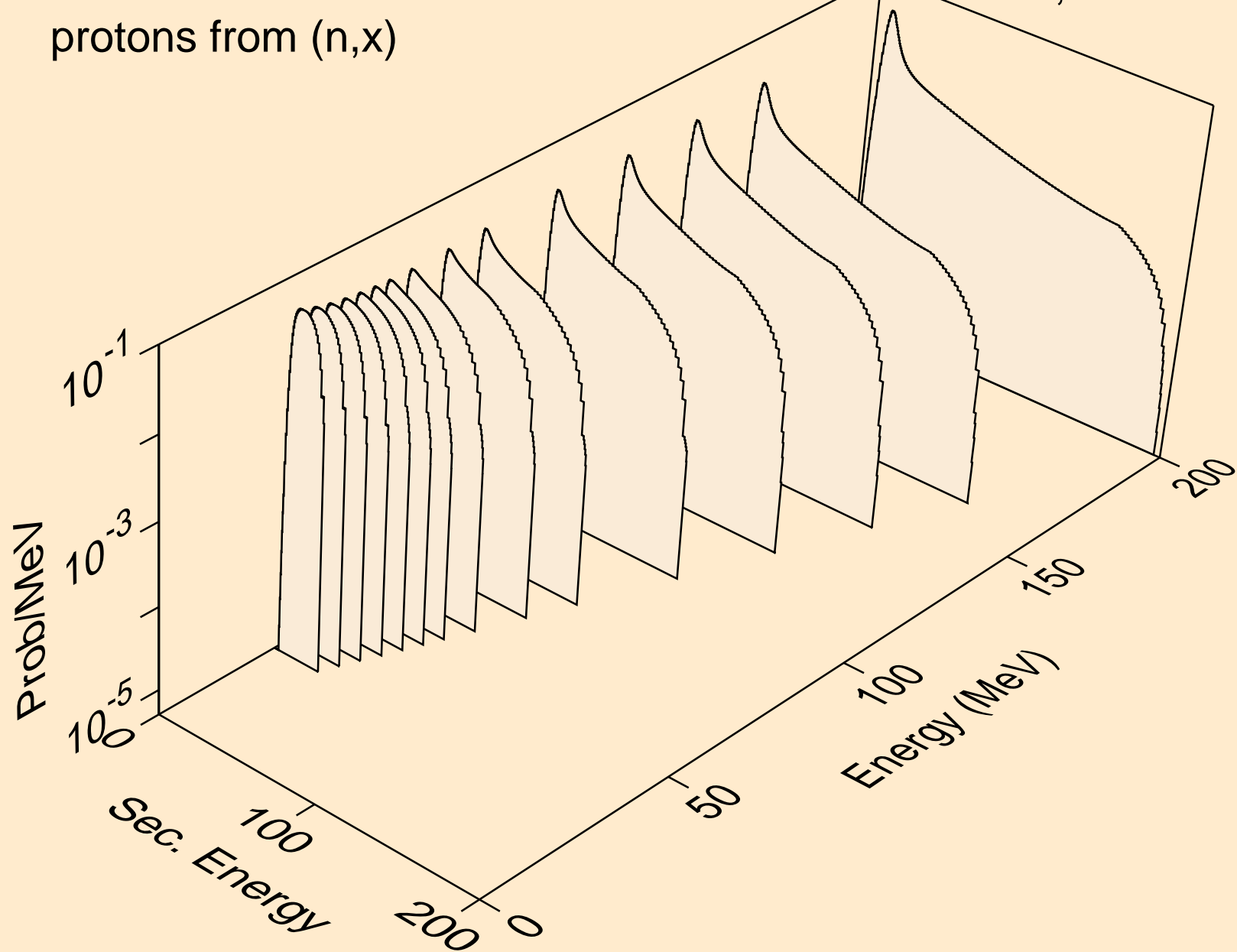


# XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

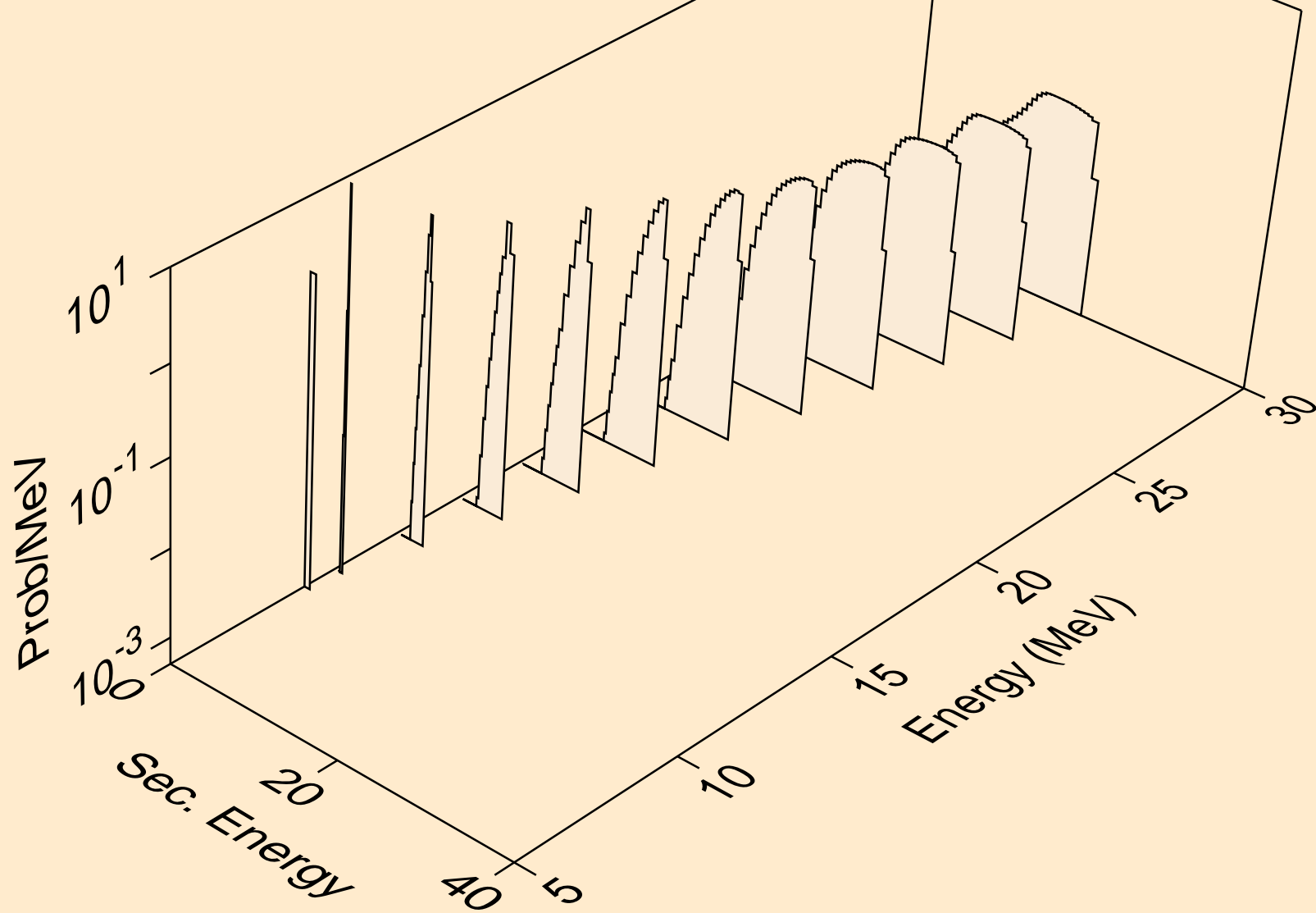
## Particle production cross sections



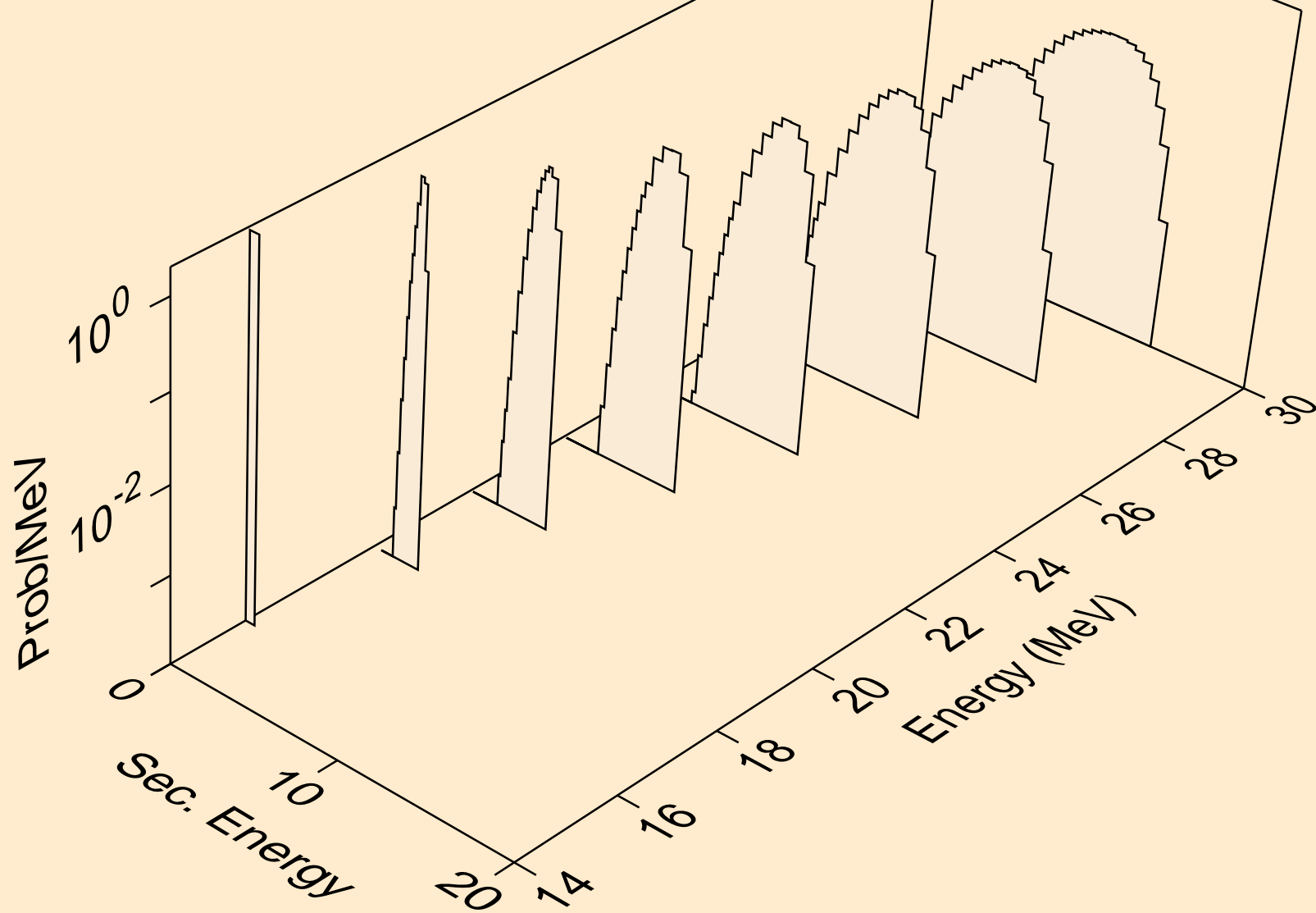
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



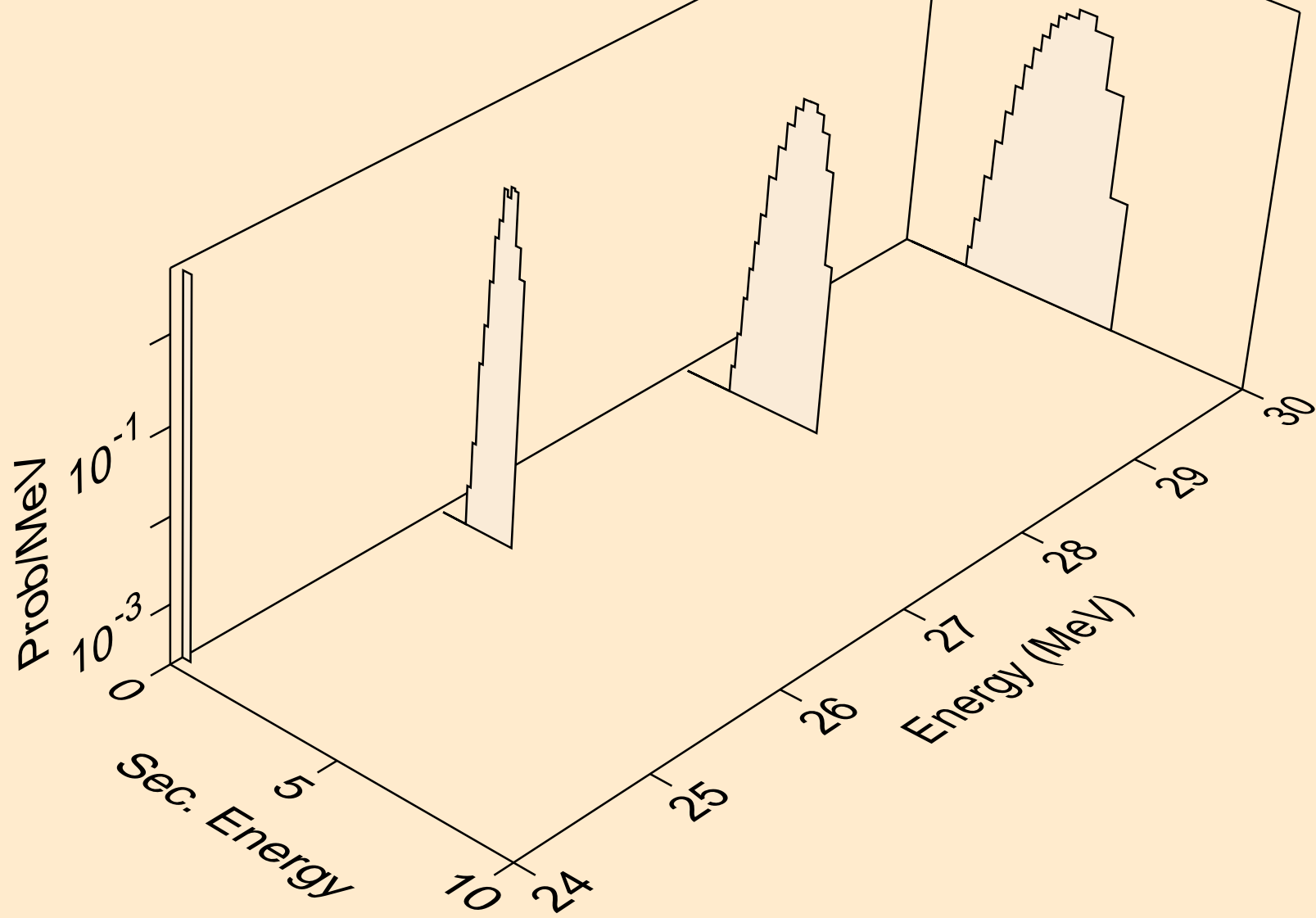
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



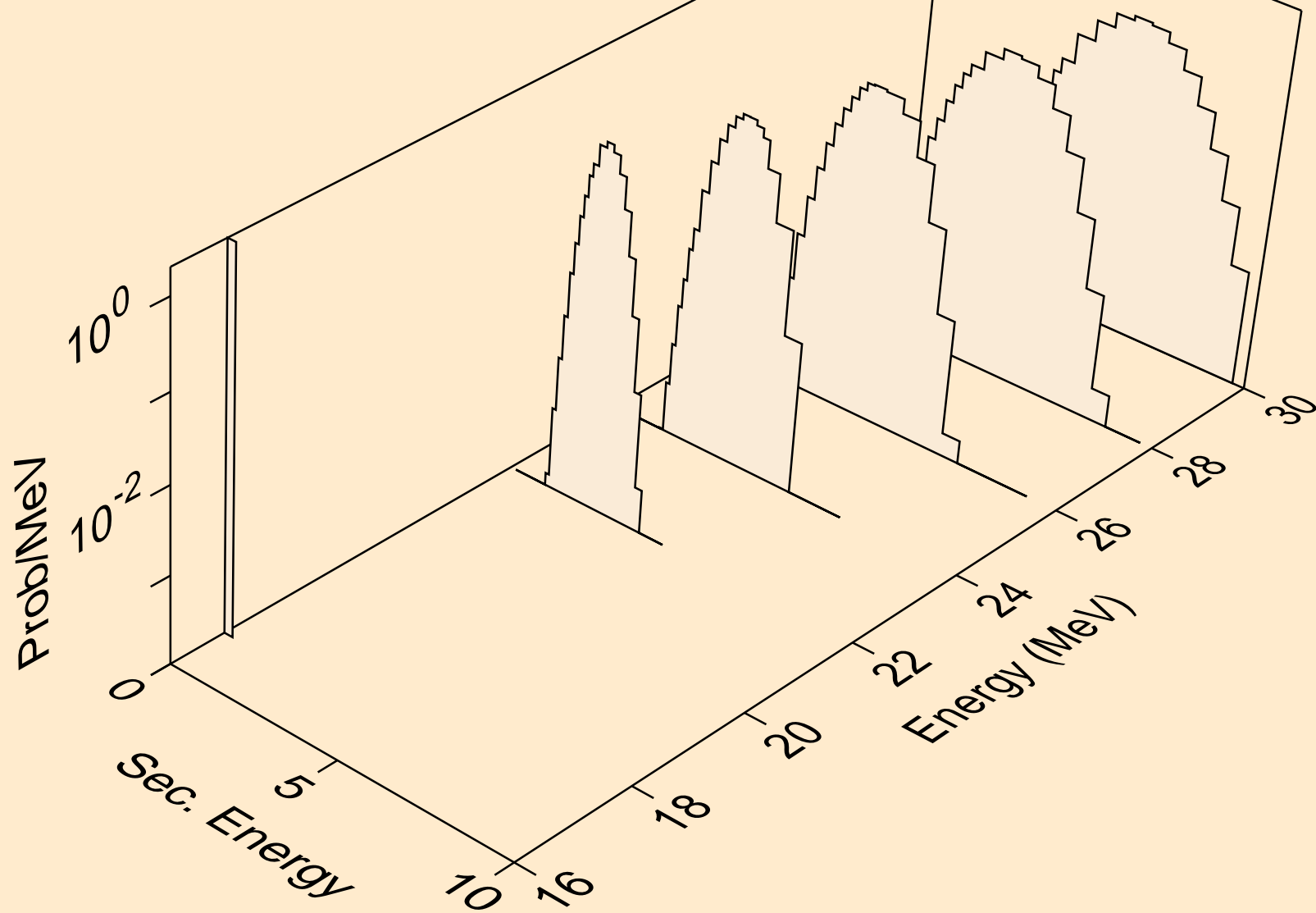
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protons from (n,2np)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

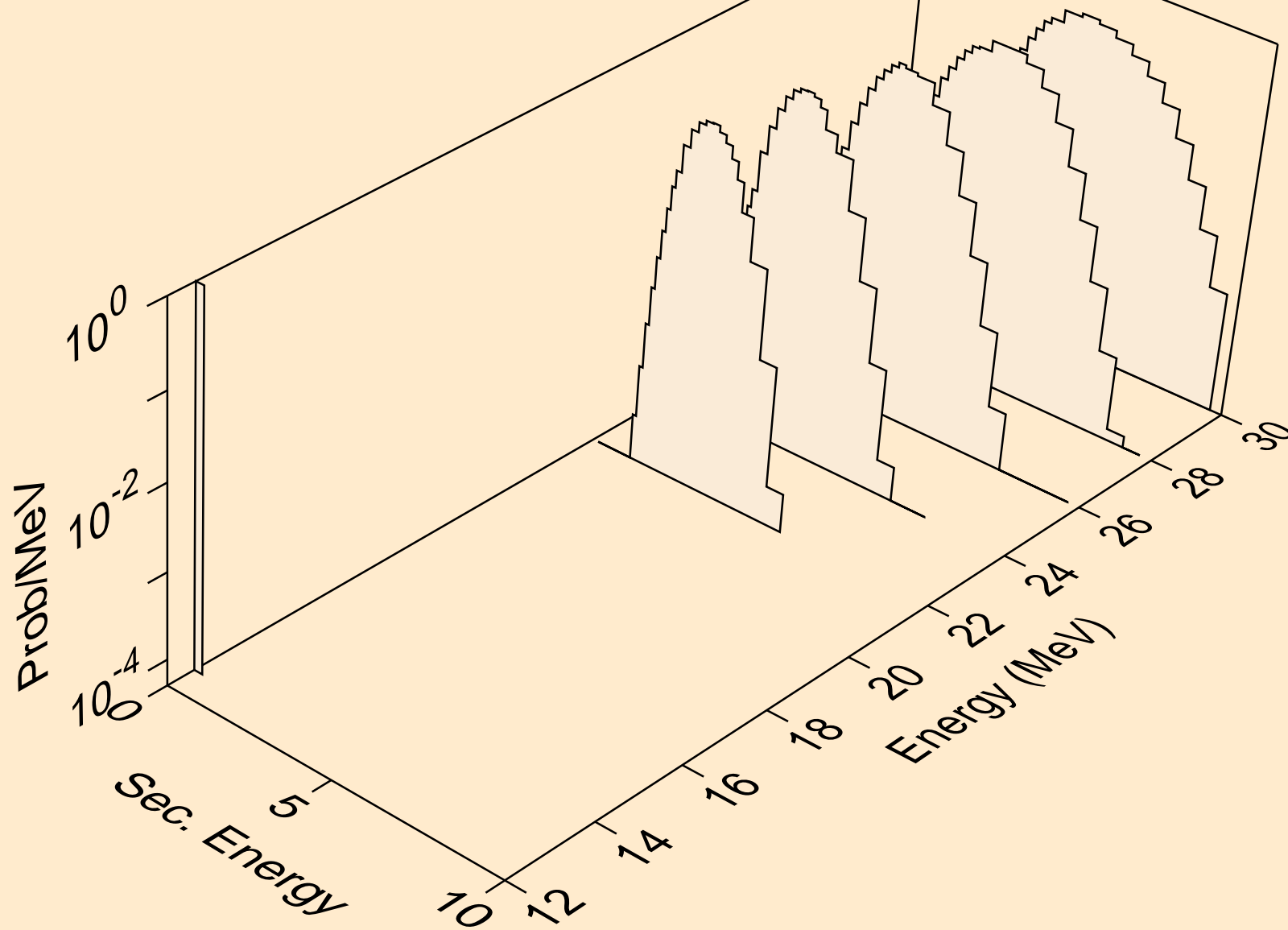


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protons from (n,n2p)

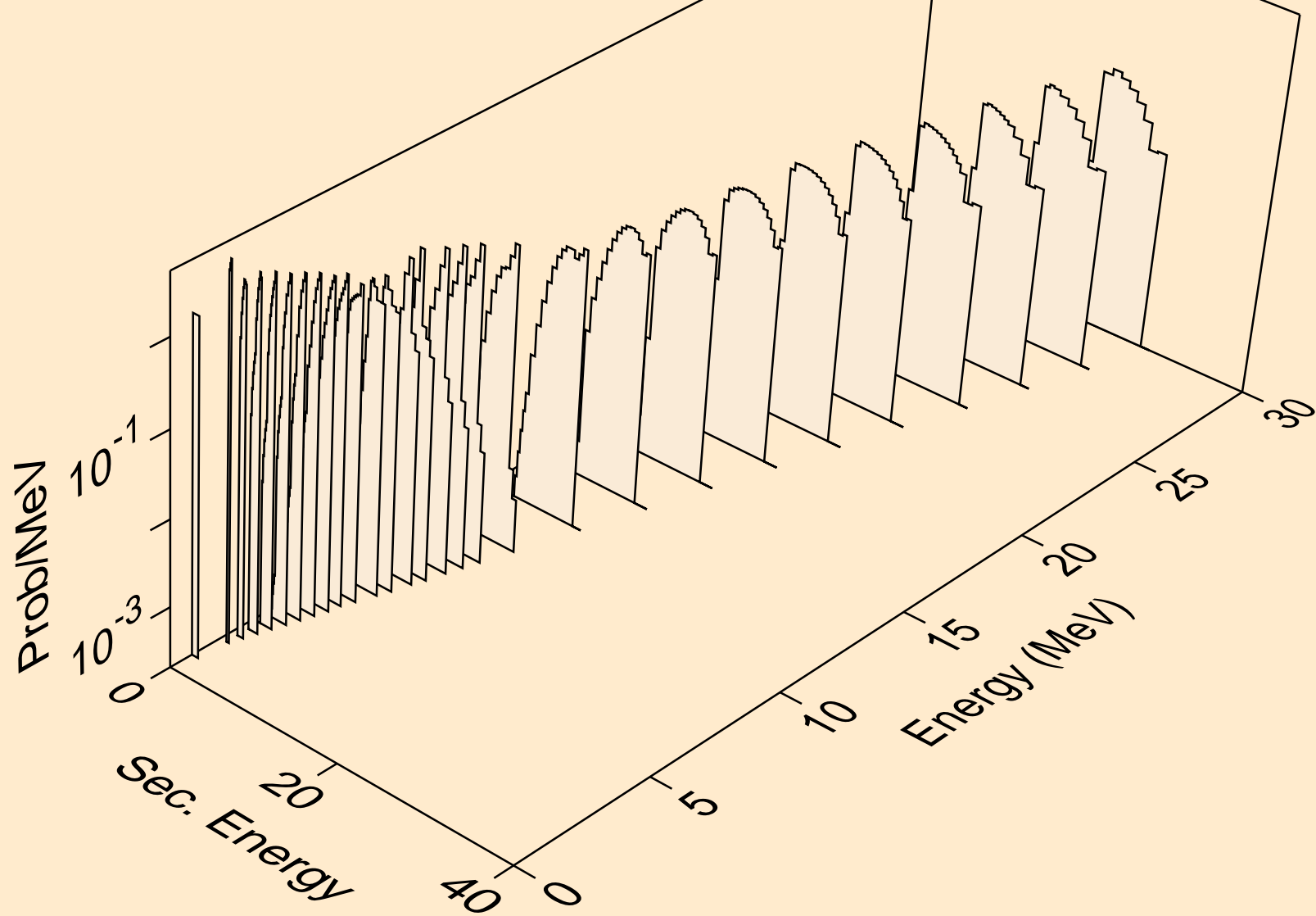




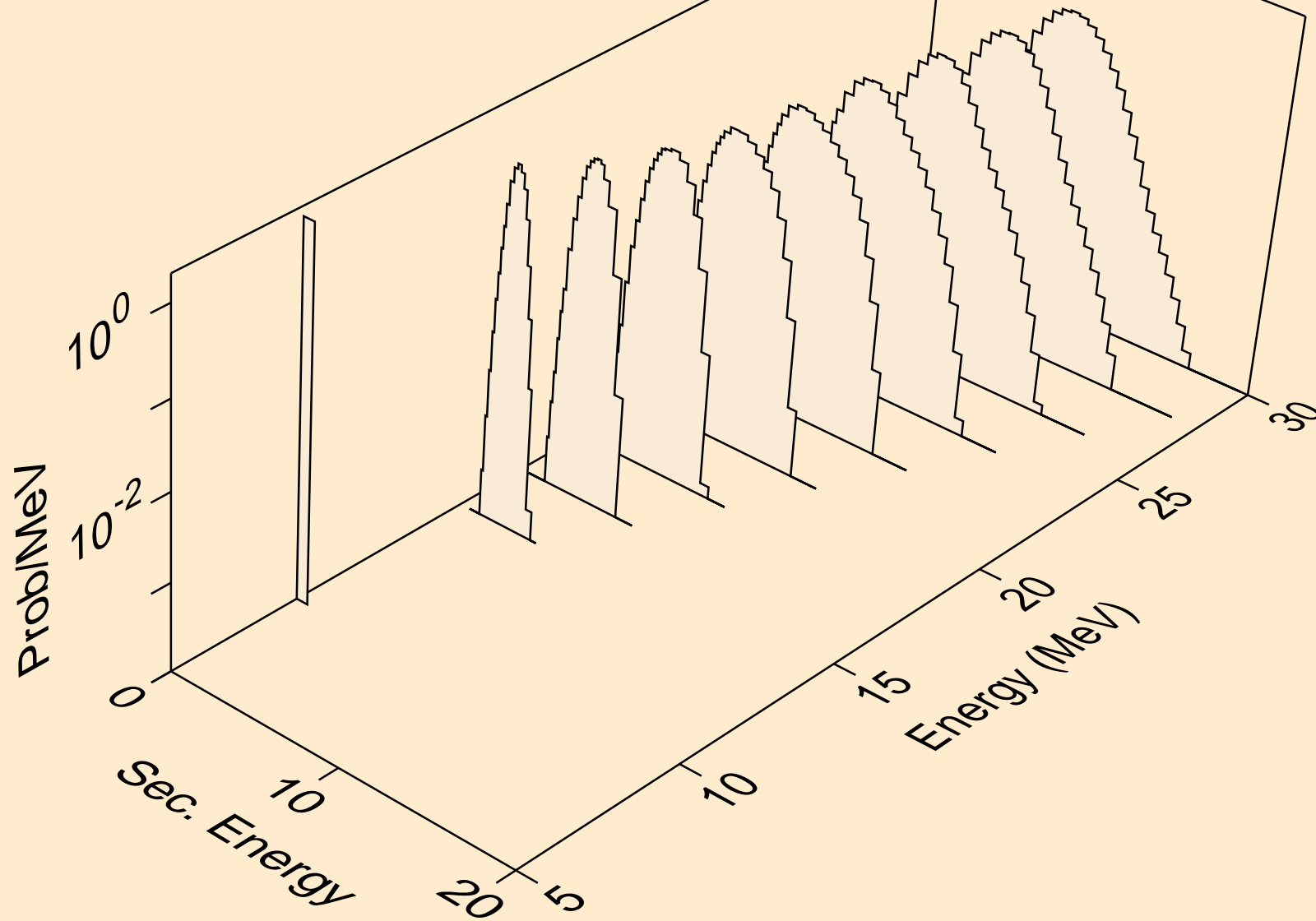
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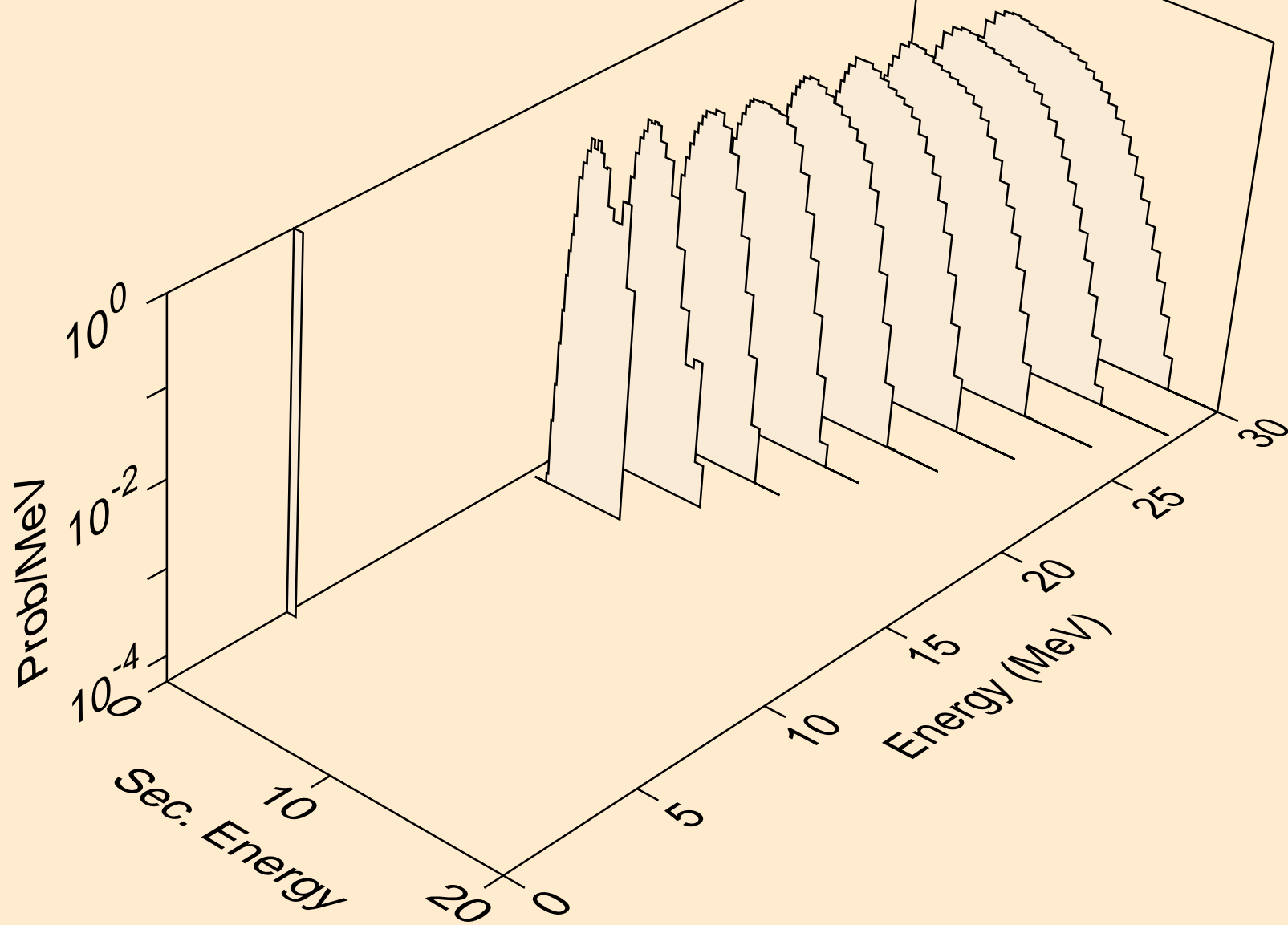
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protons from (n,p)



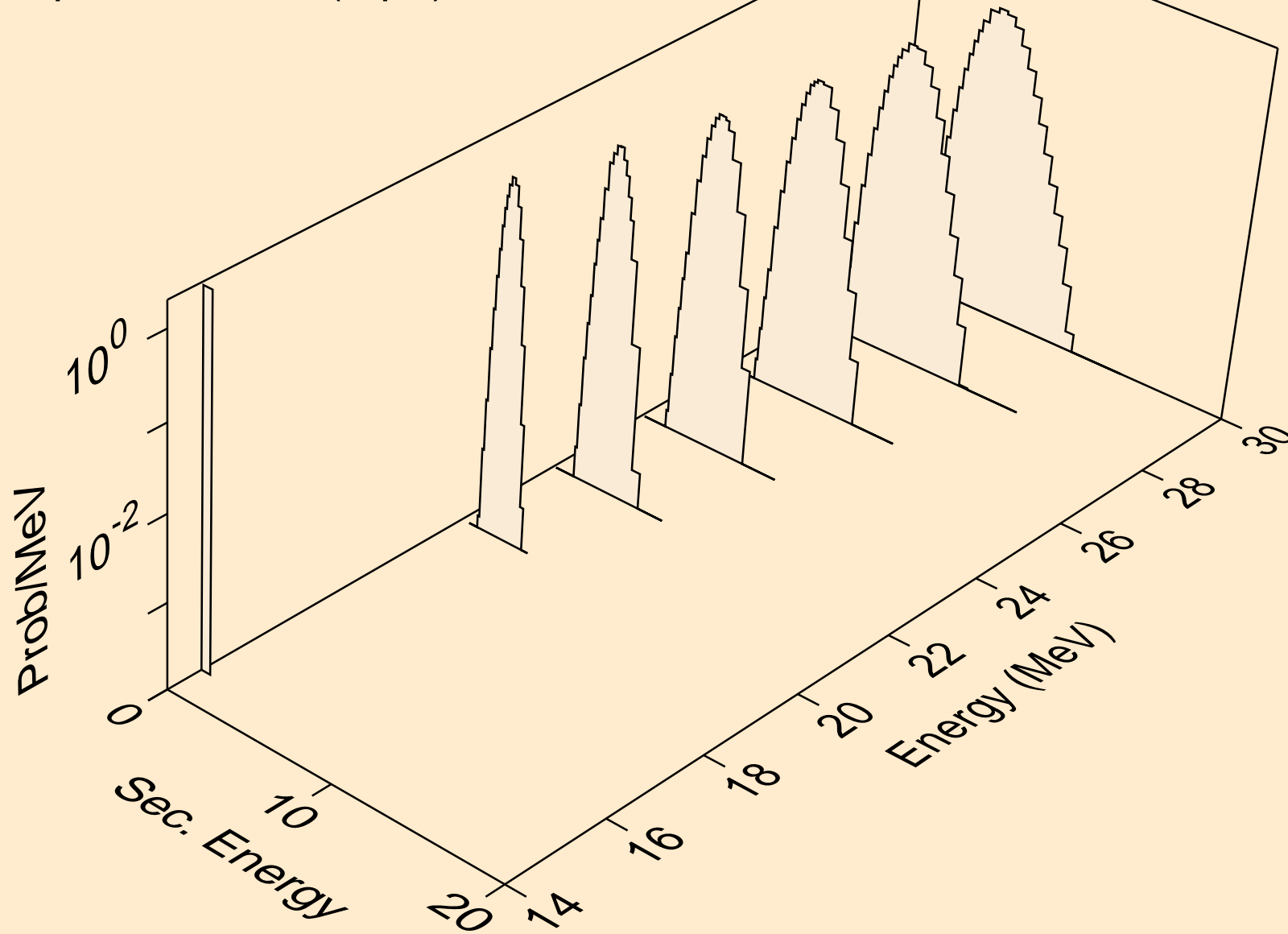
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



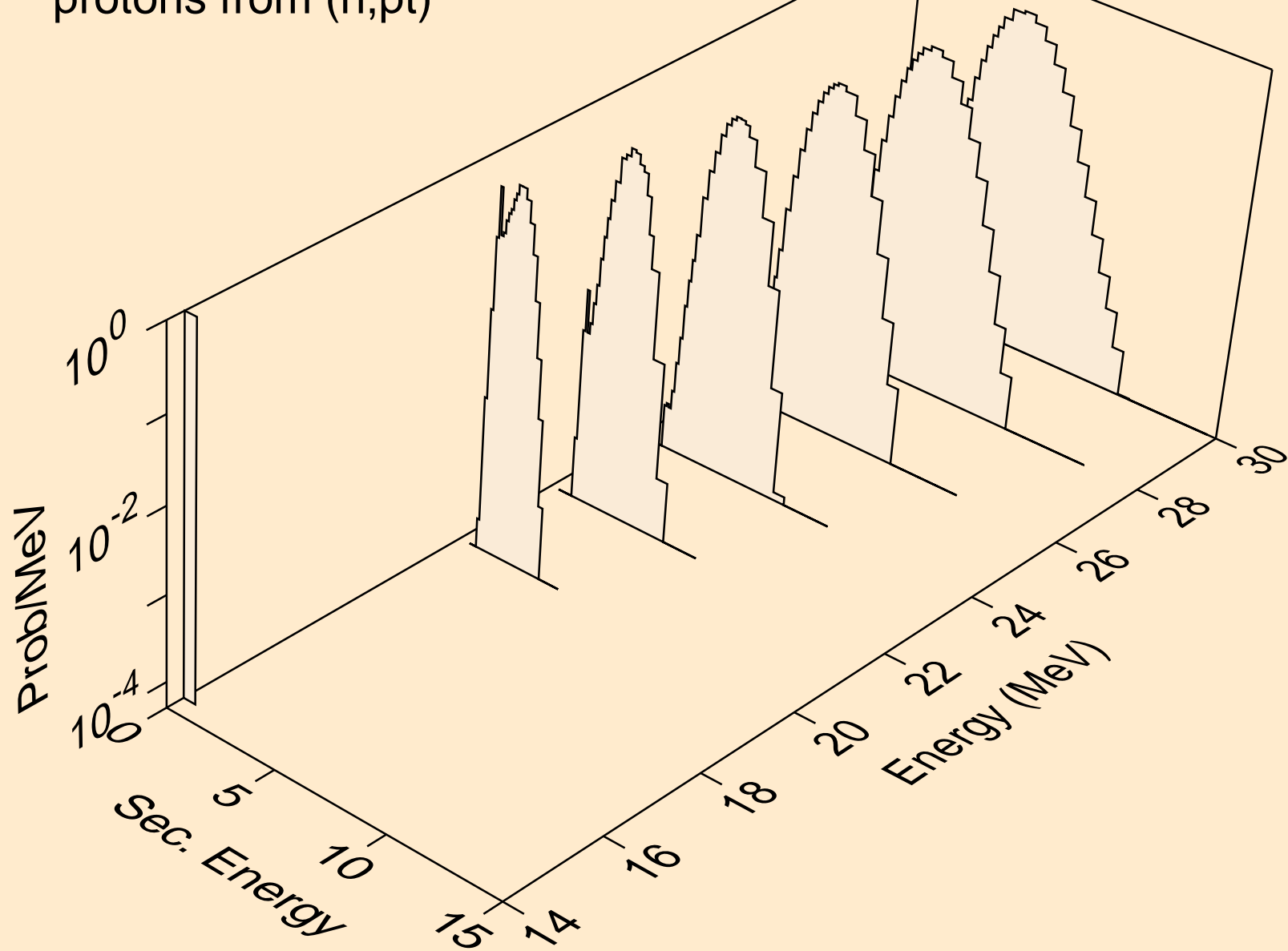
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



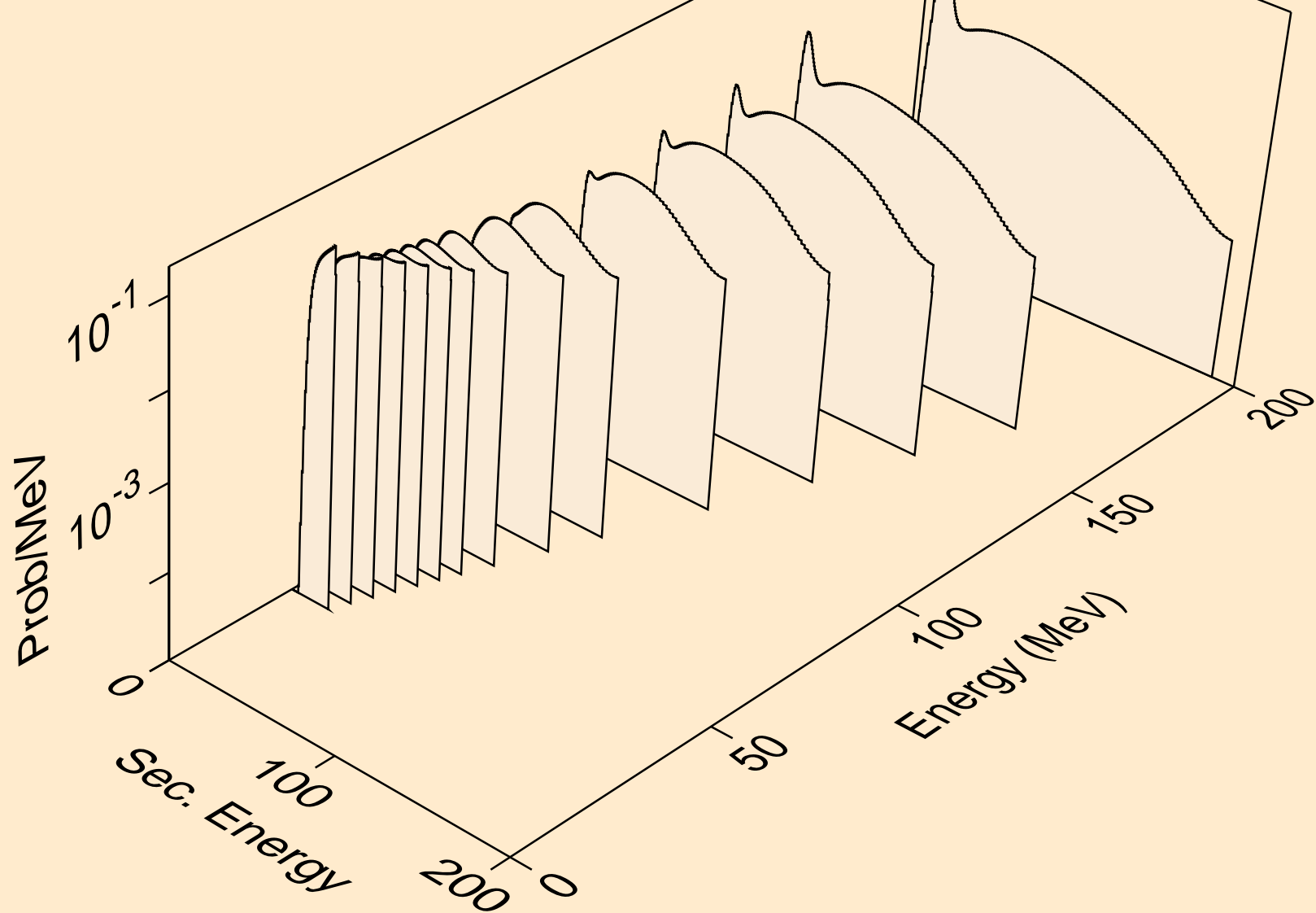
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



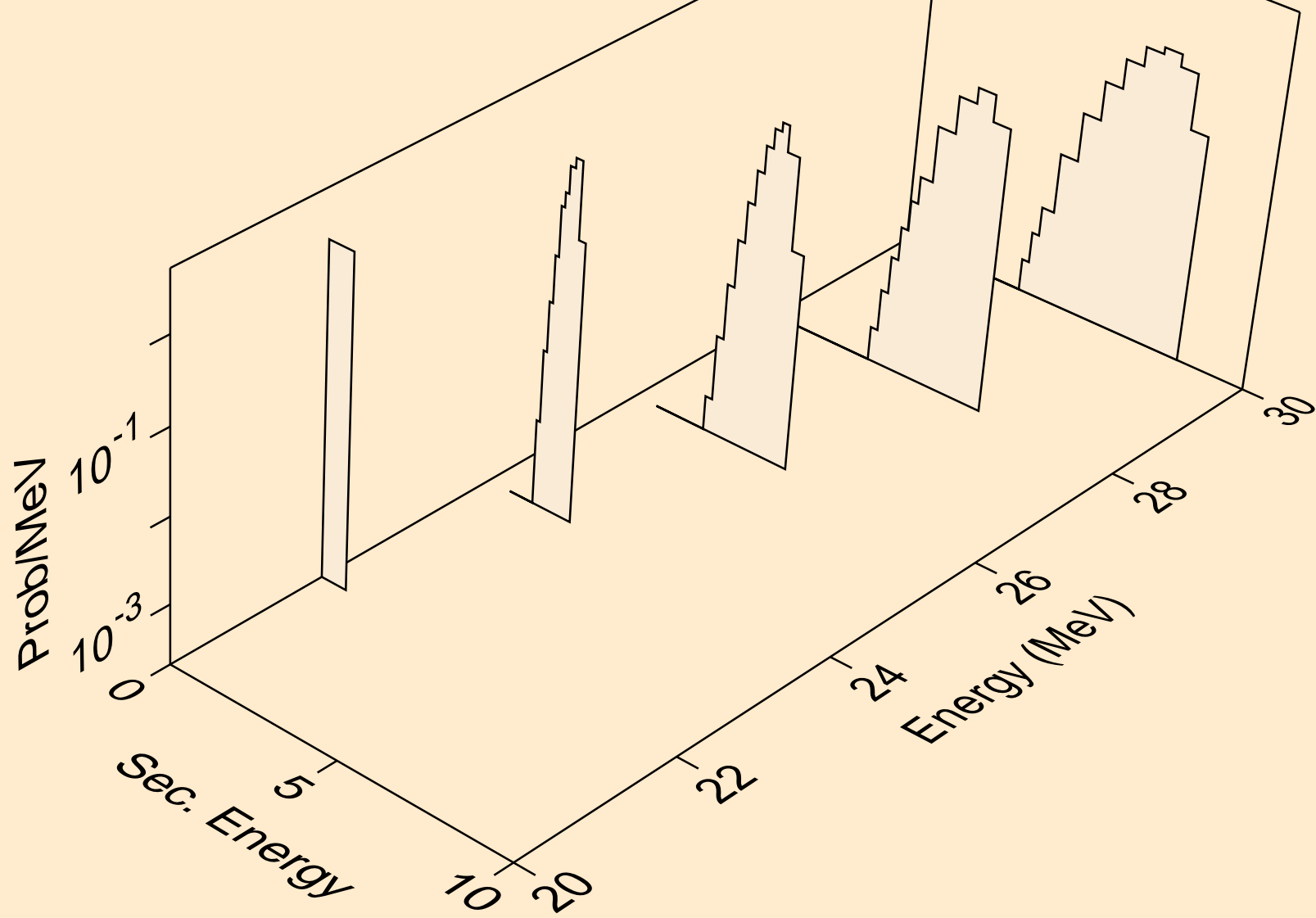
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

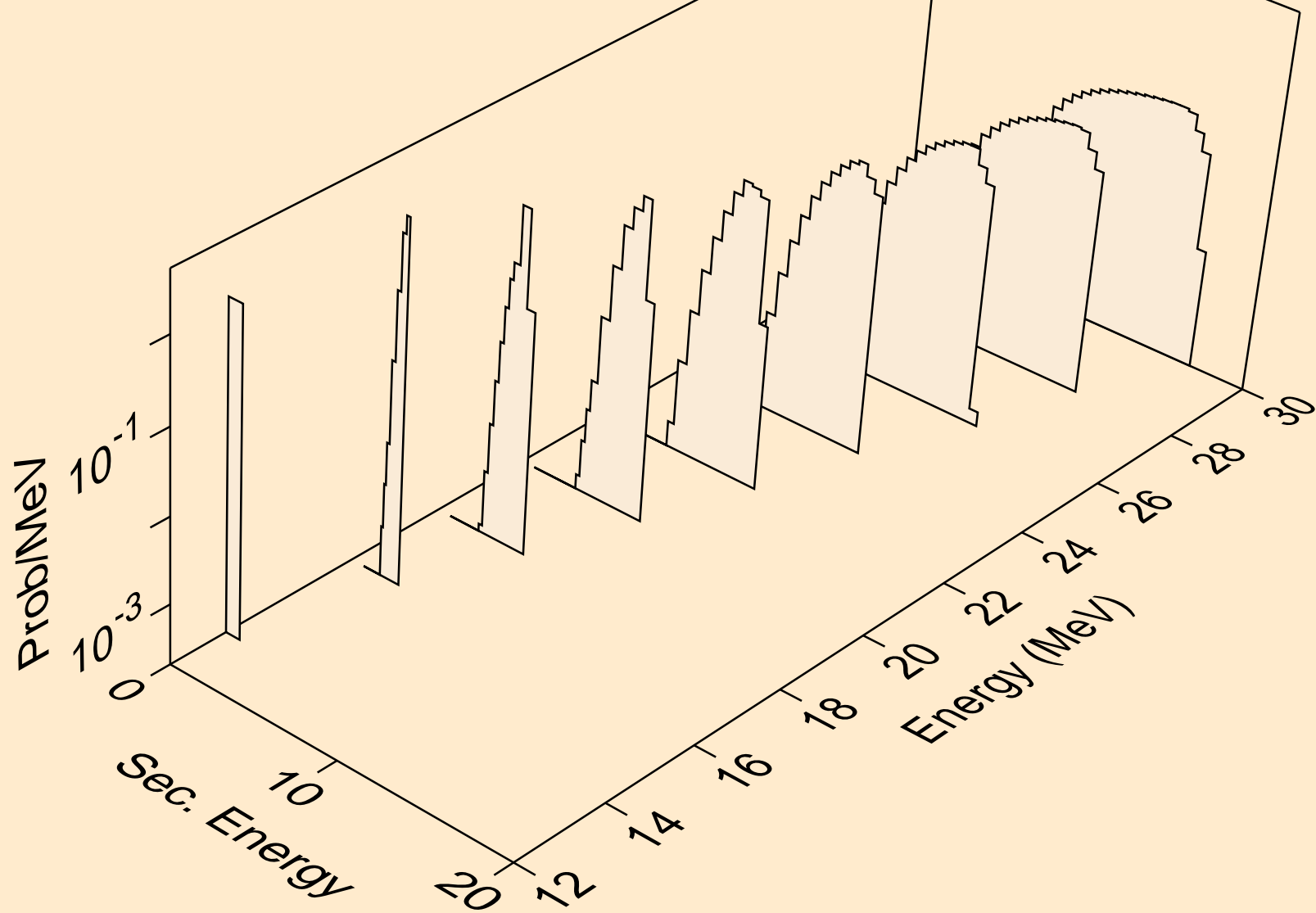


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

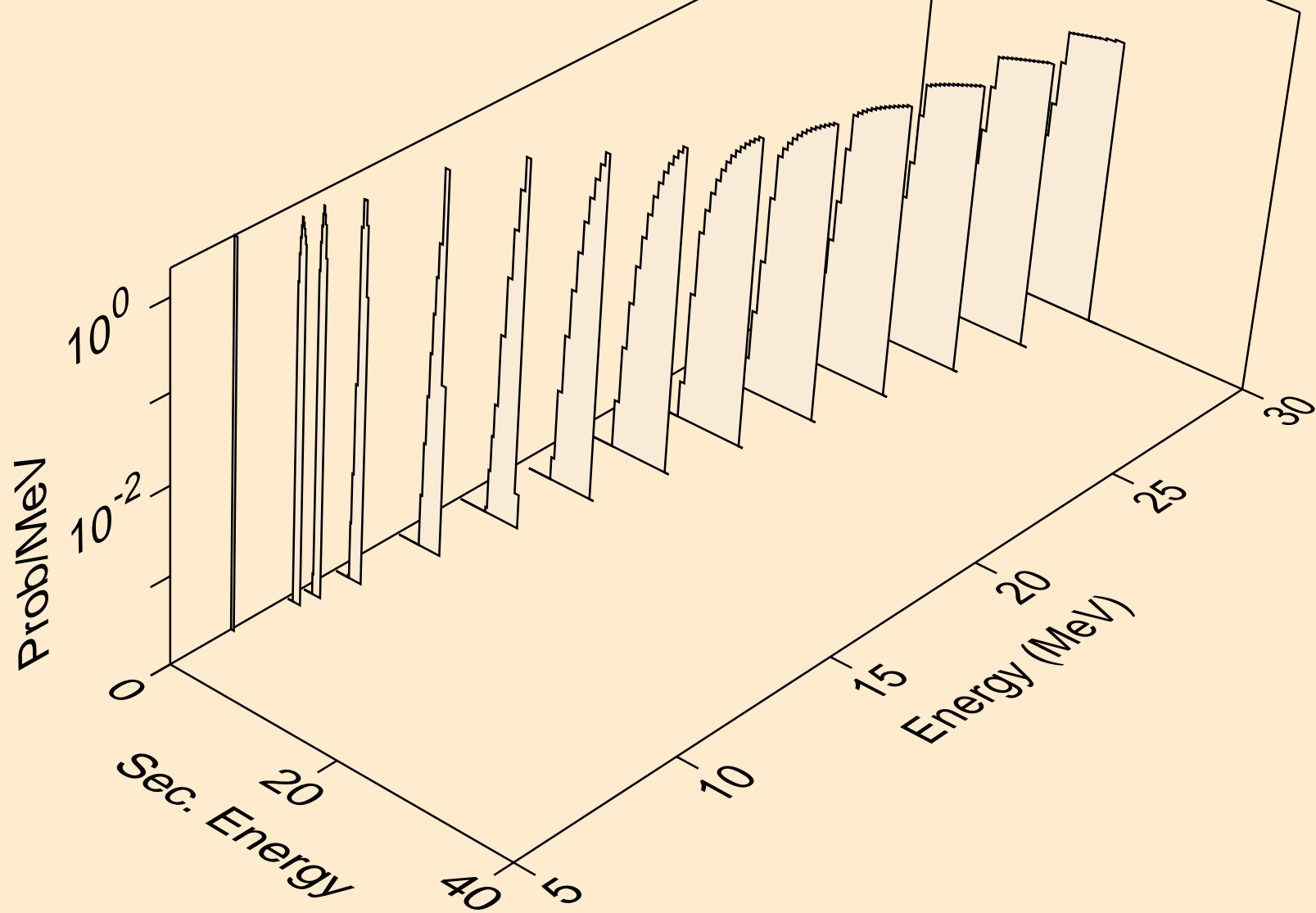




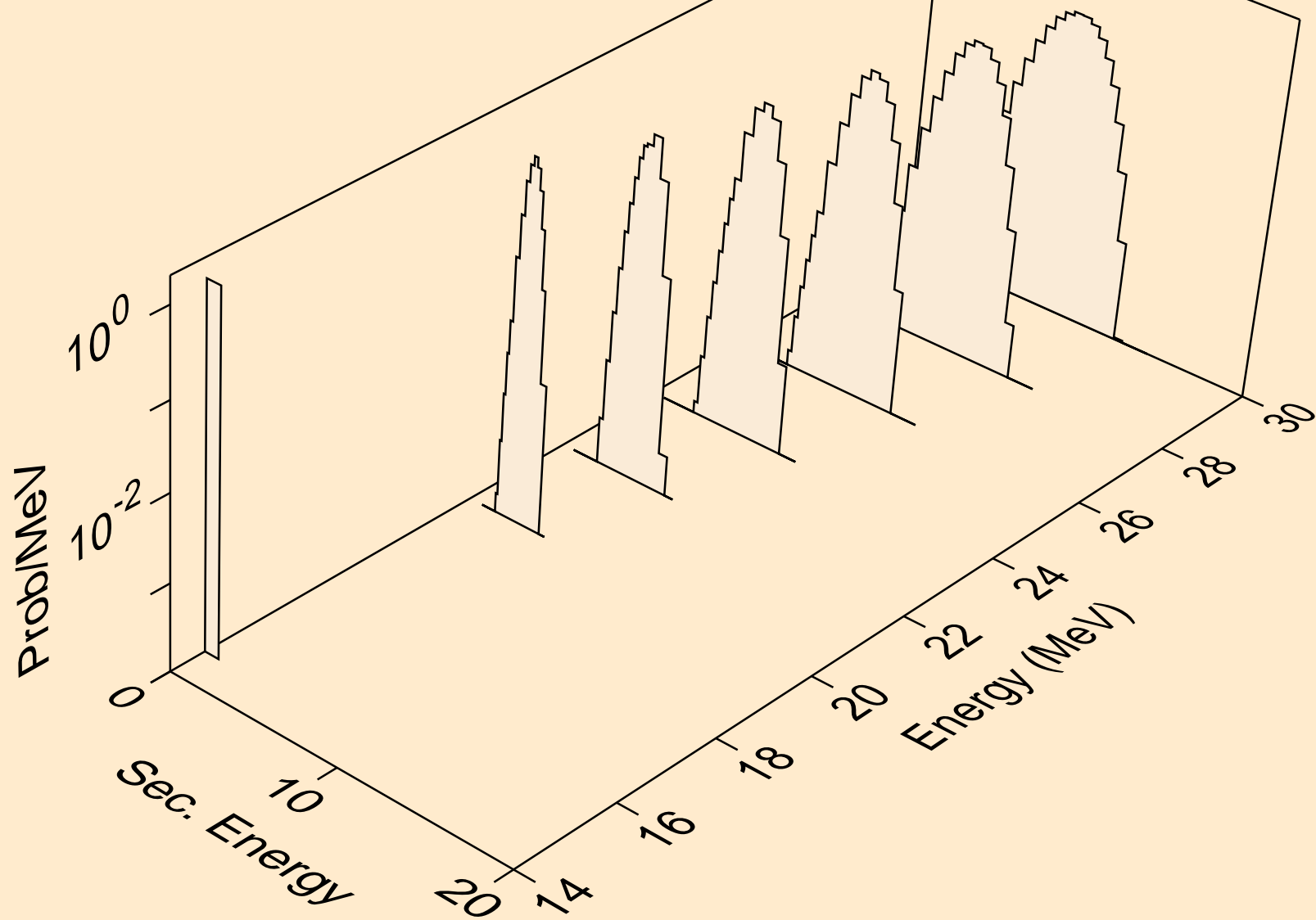
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



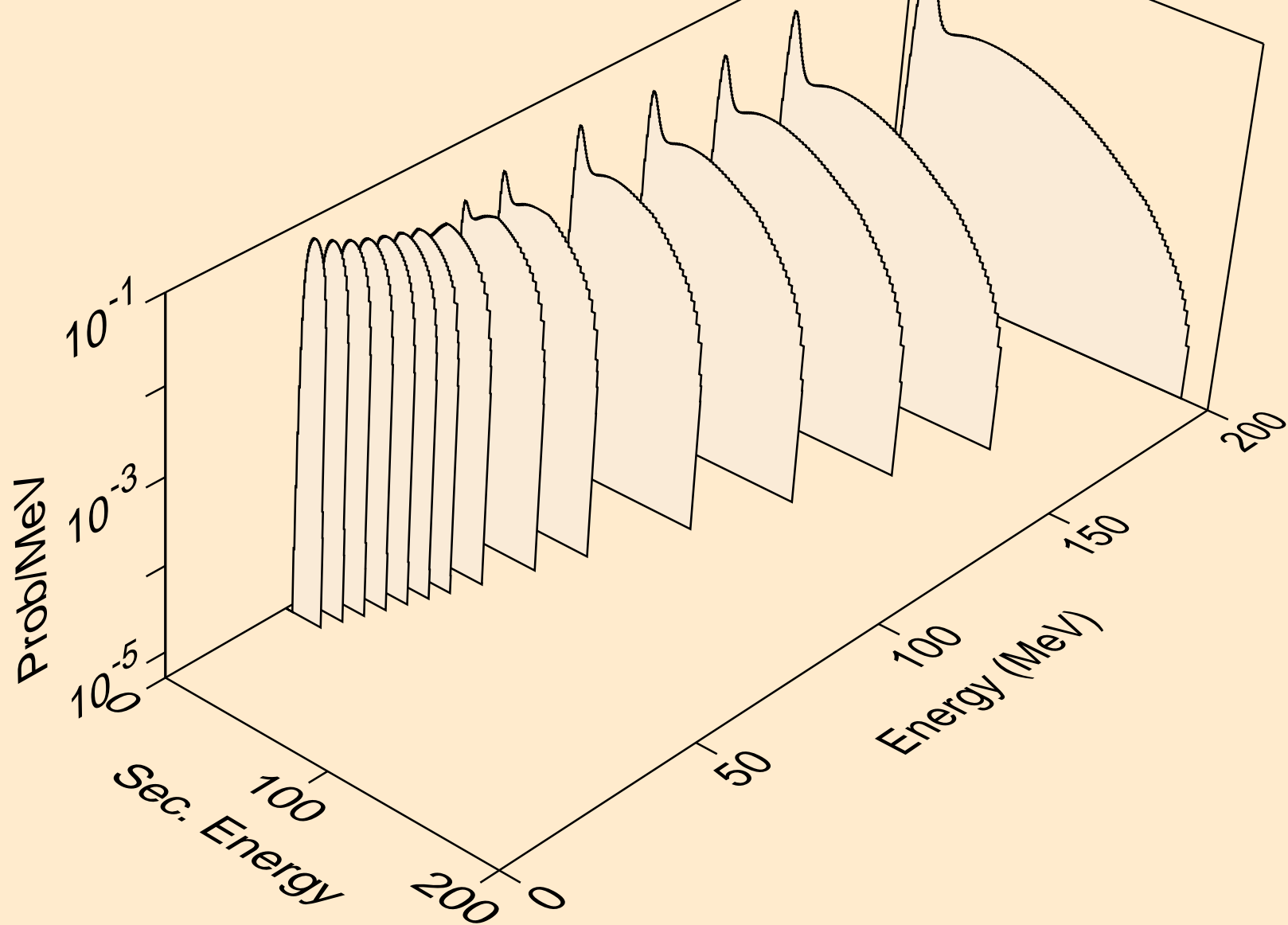
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deuterons from (n,d)



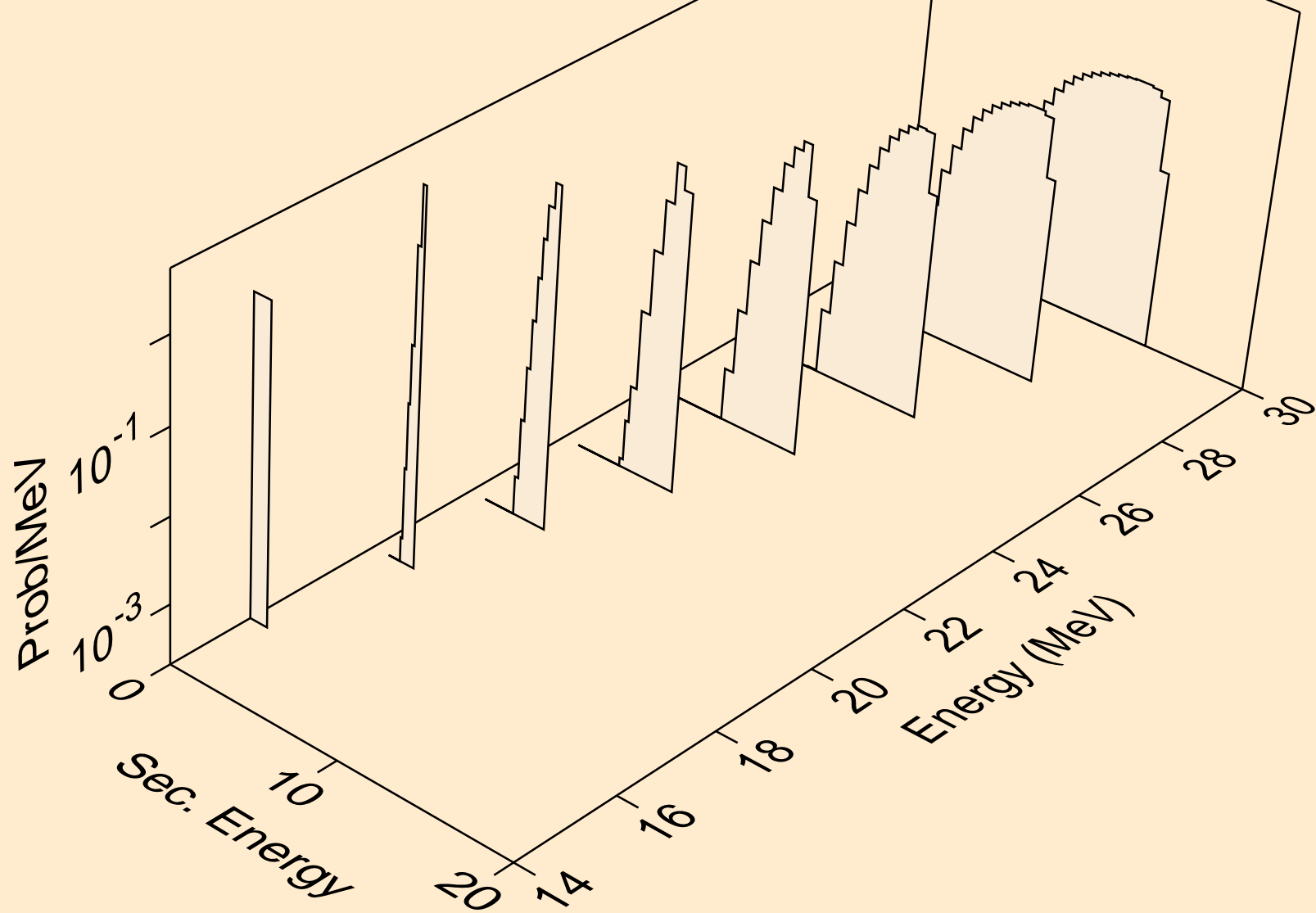
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deuterons from (n,pd)



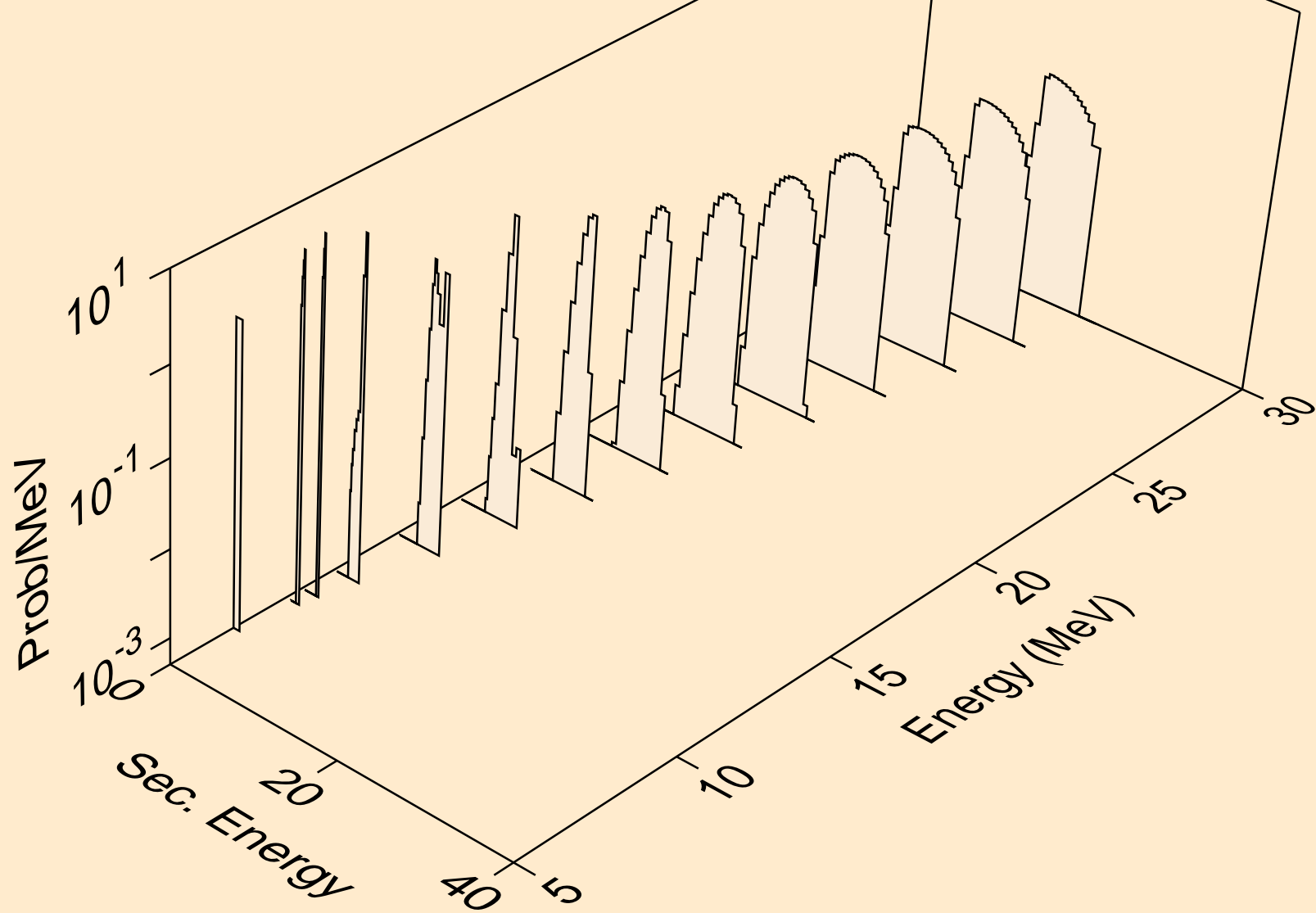
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tritons from (n,x)



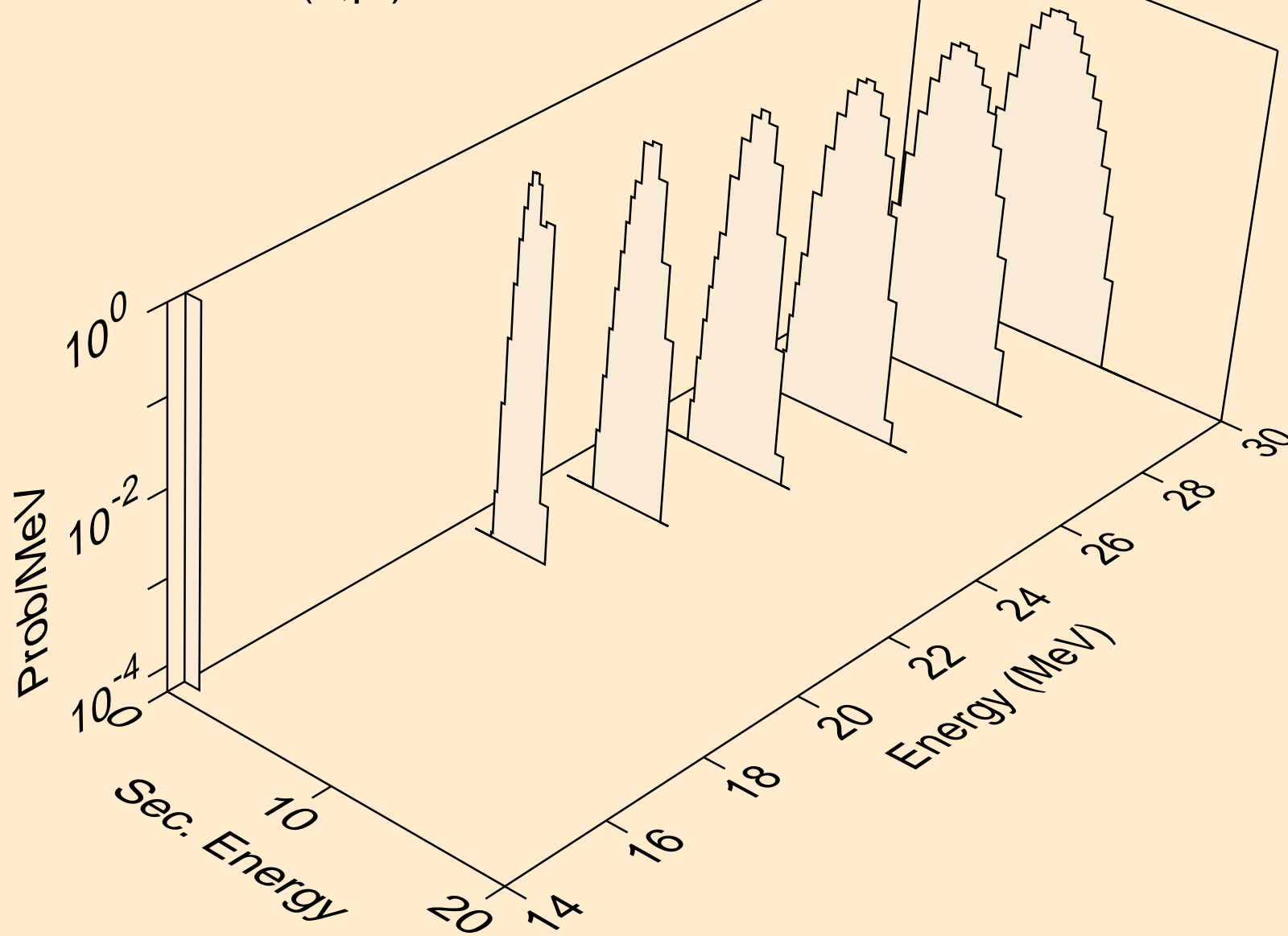
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



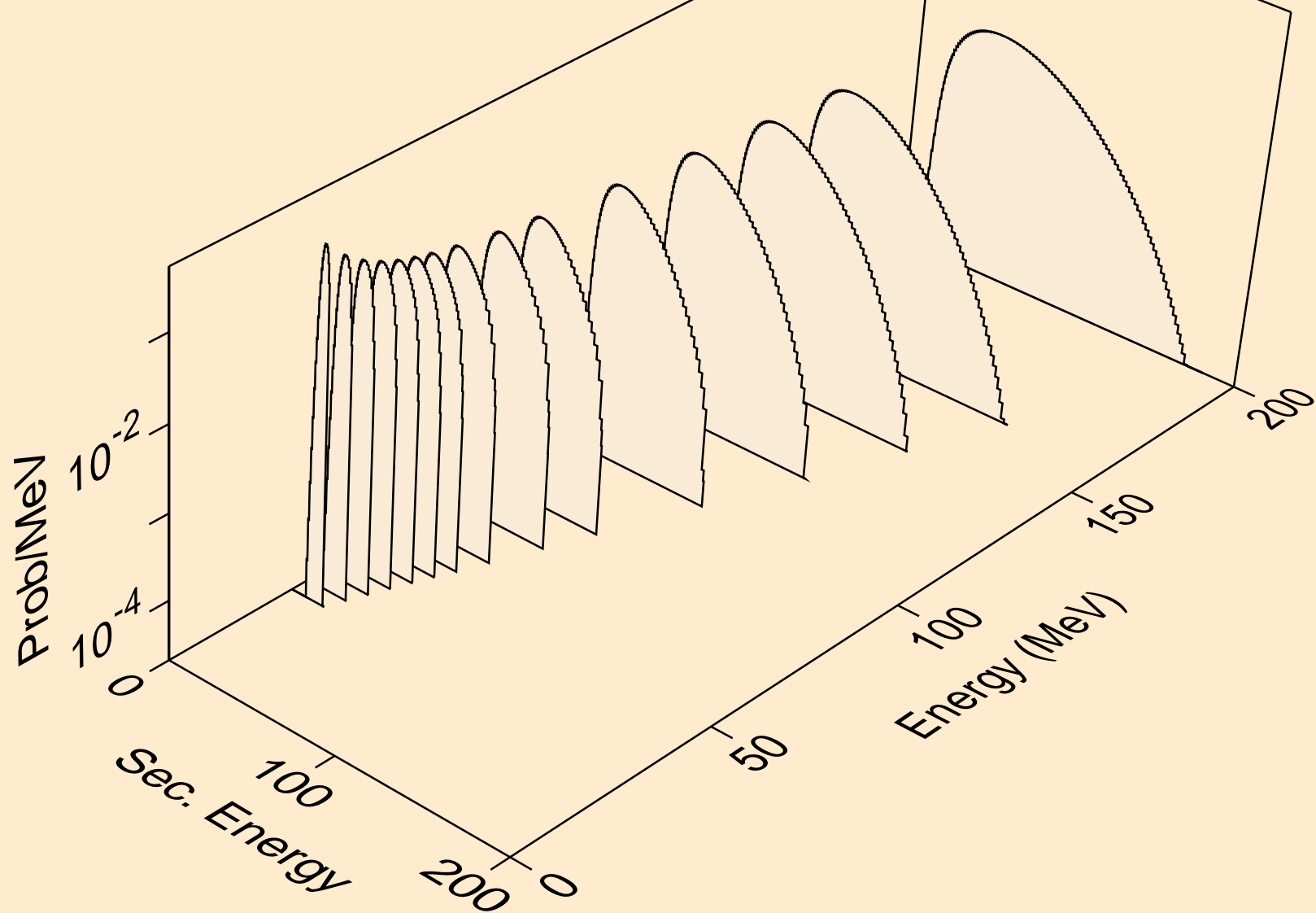
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

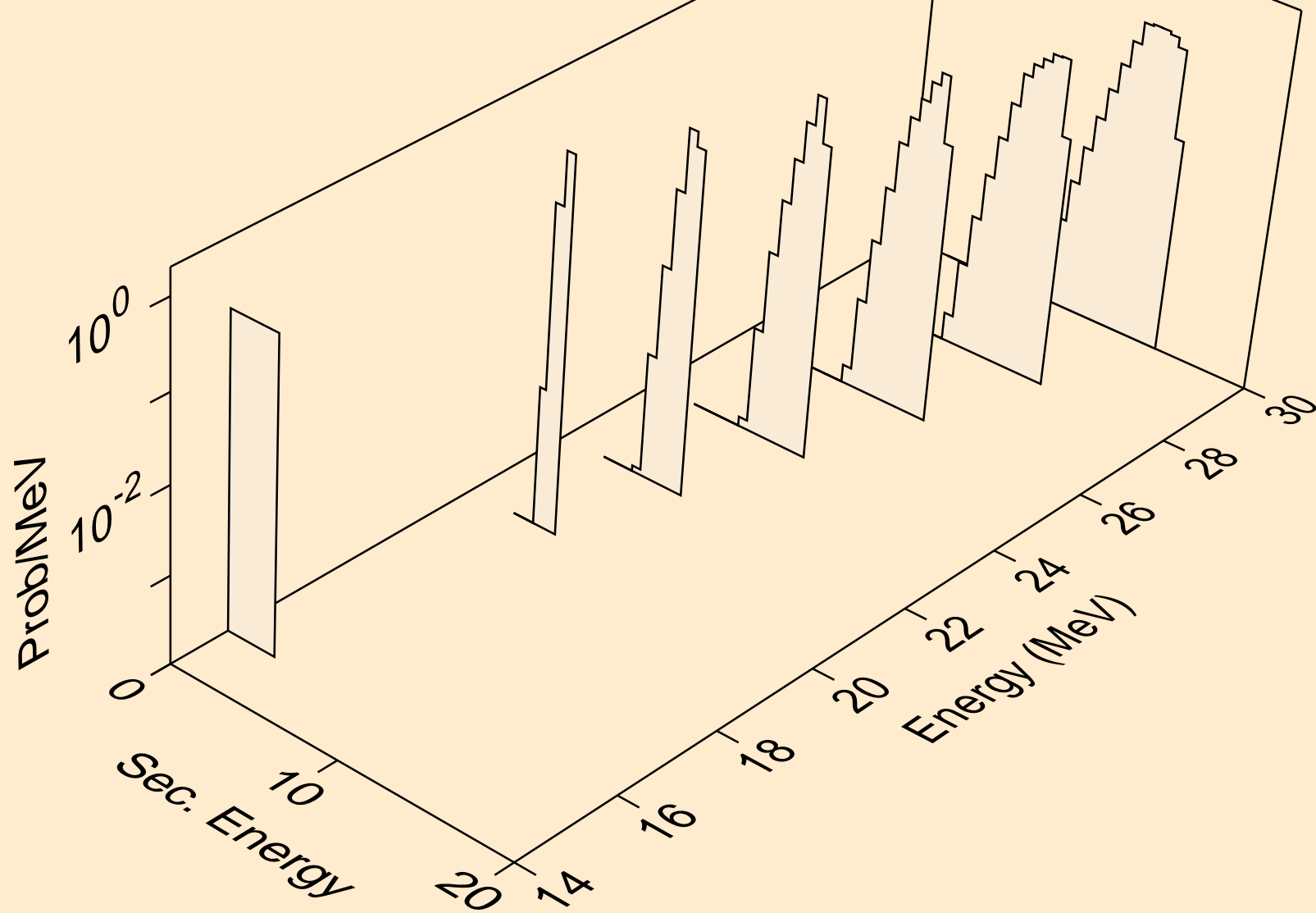


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

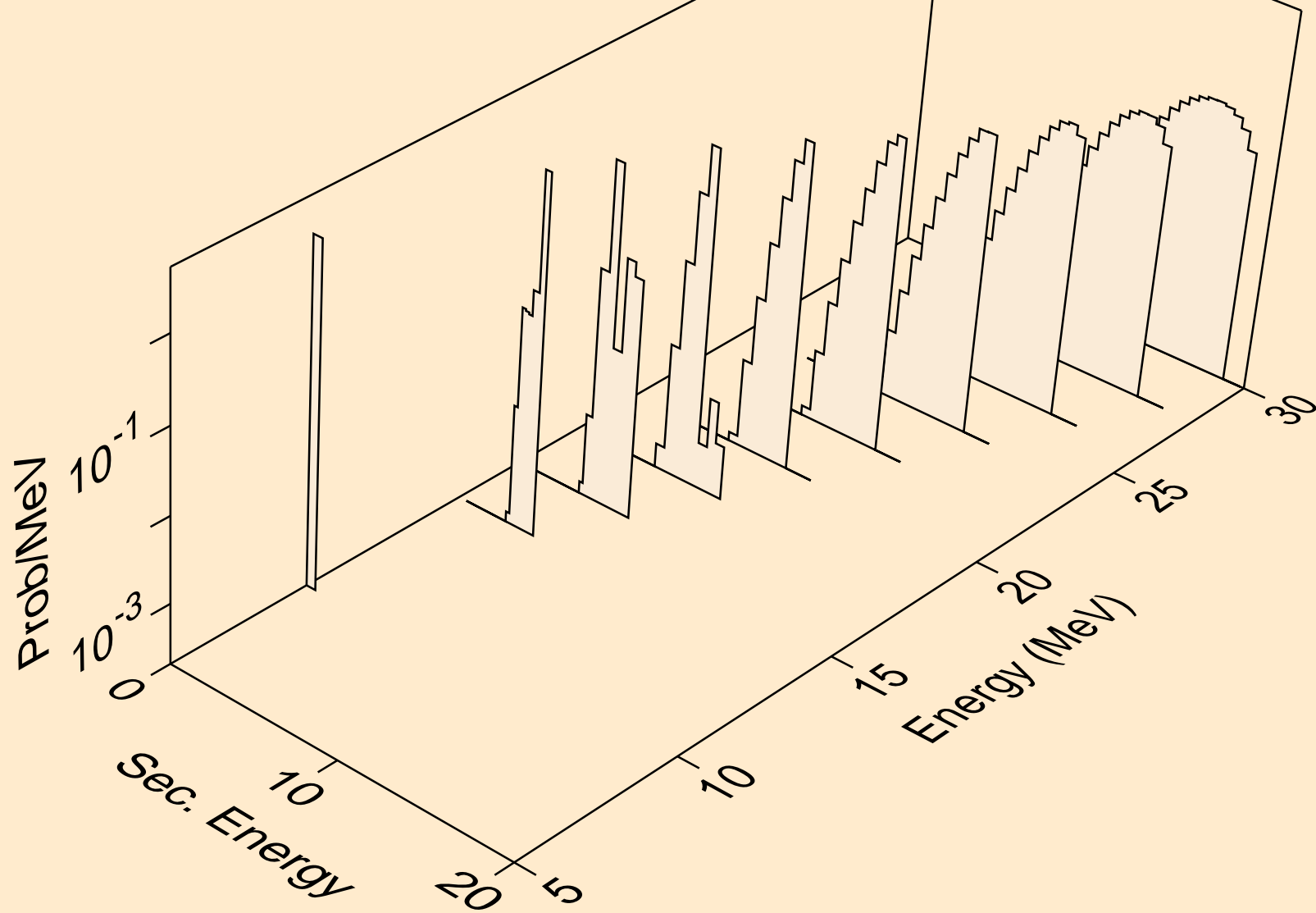




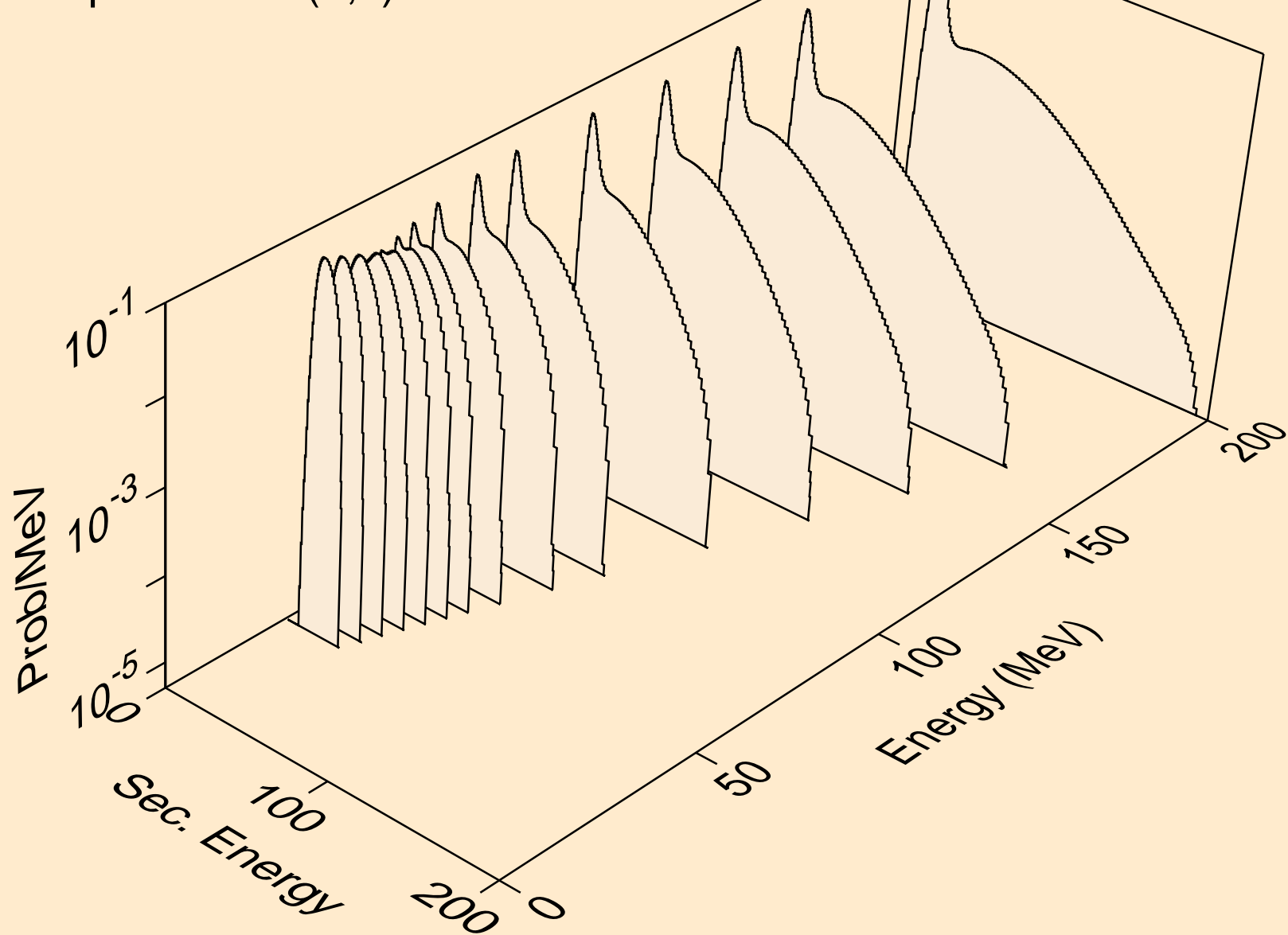
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



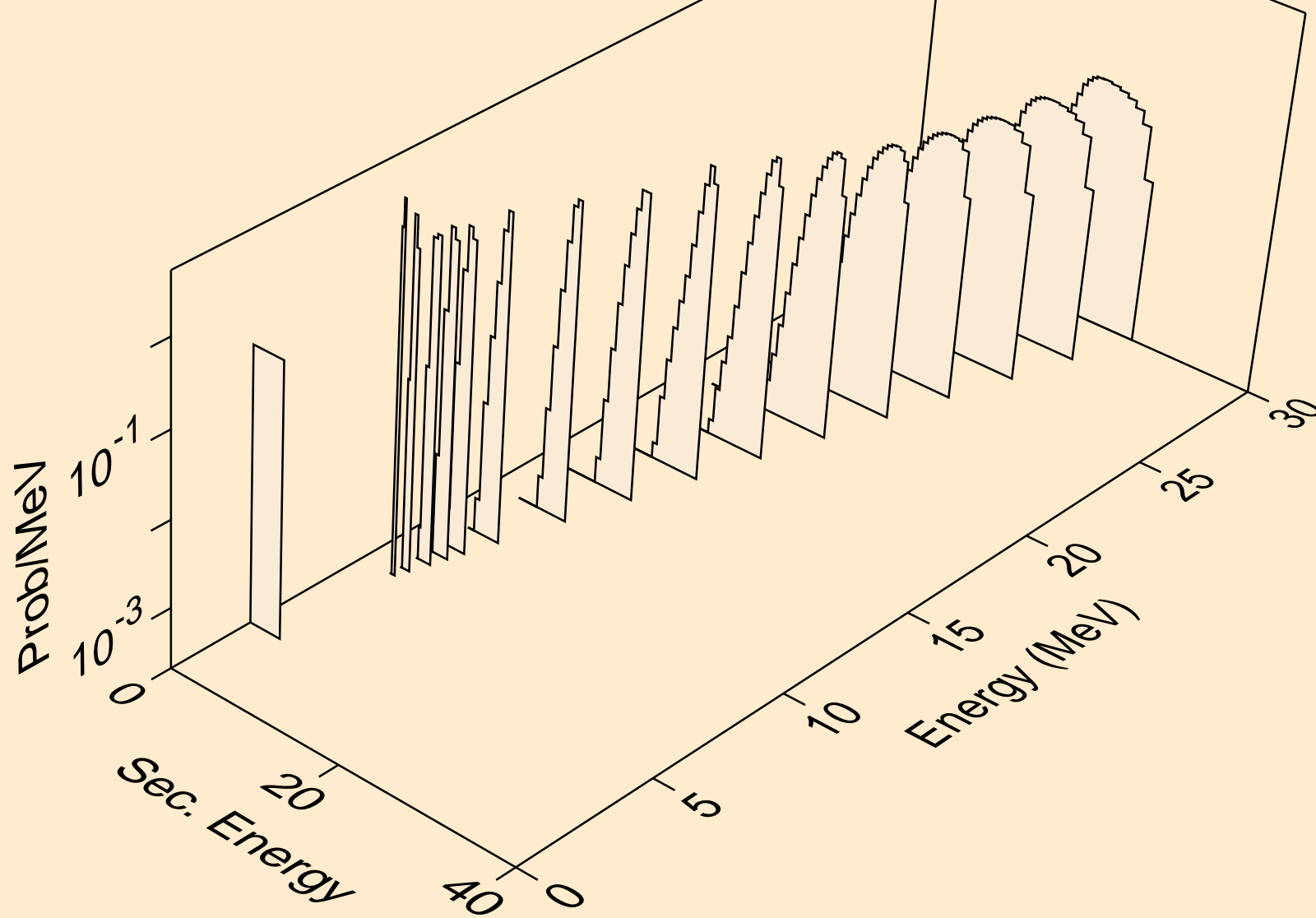
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he3s from (n,he3)



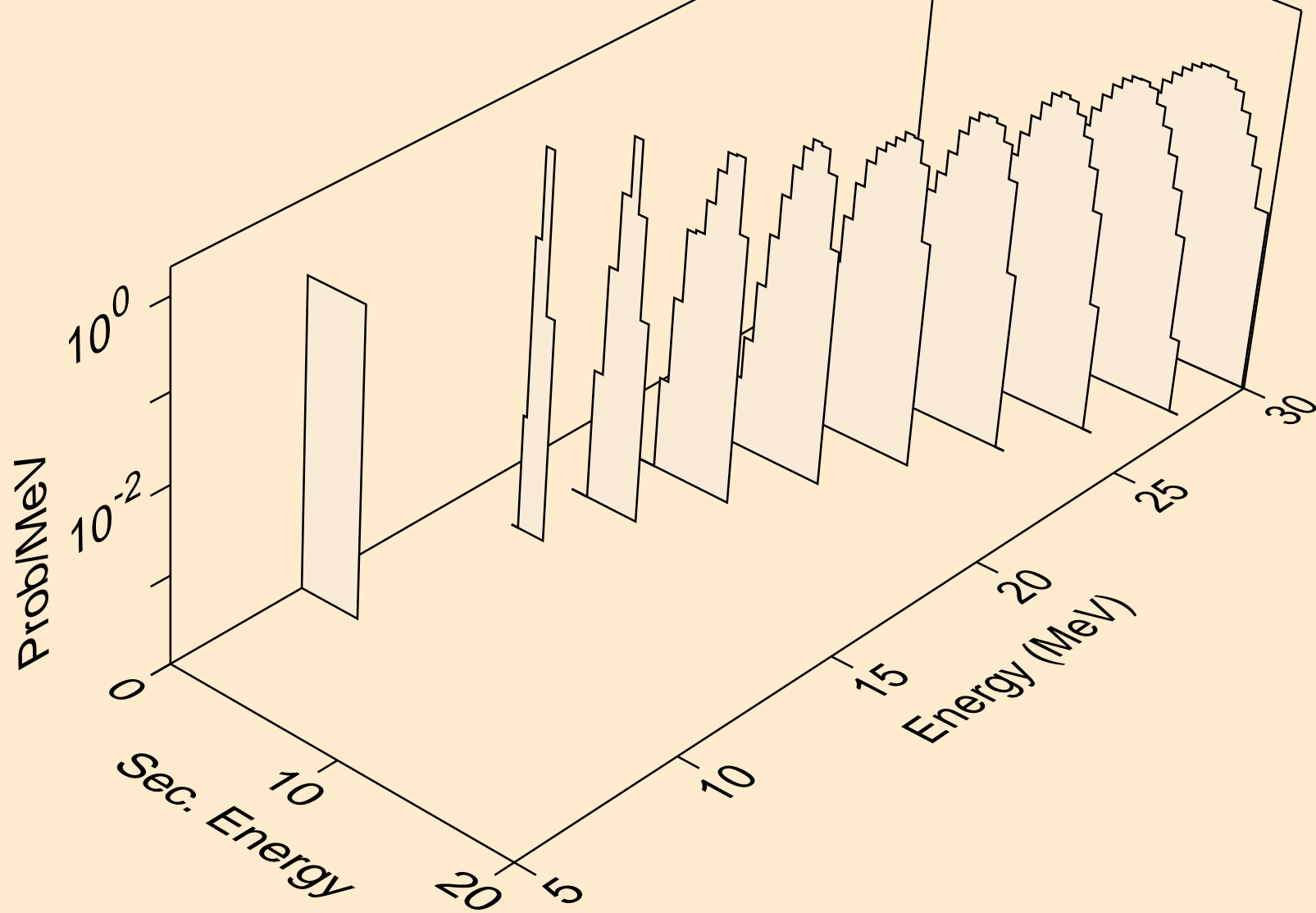
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



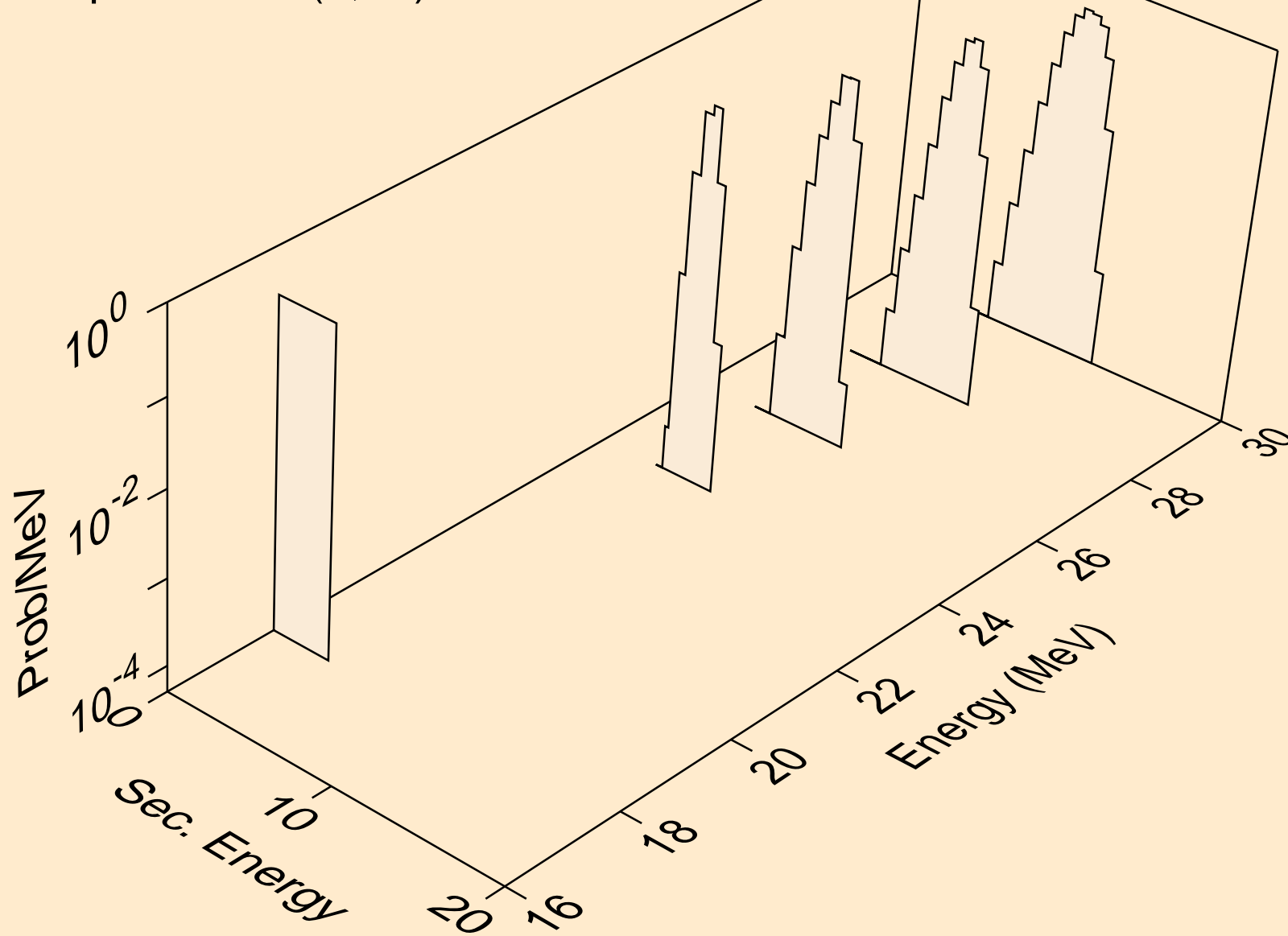
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



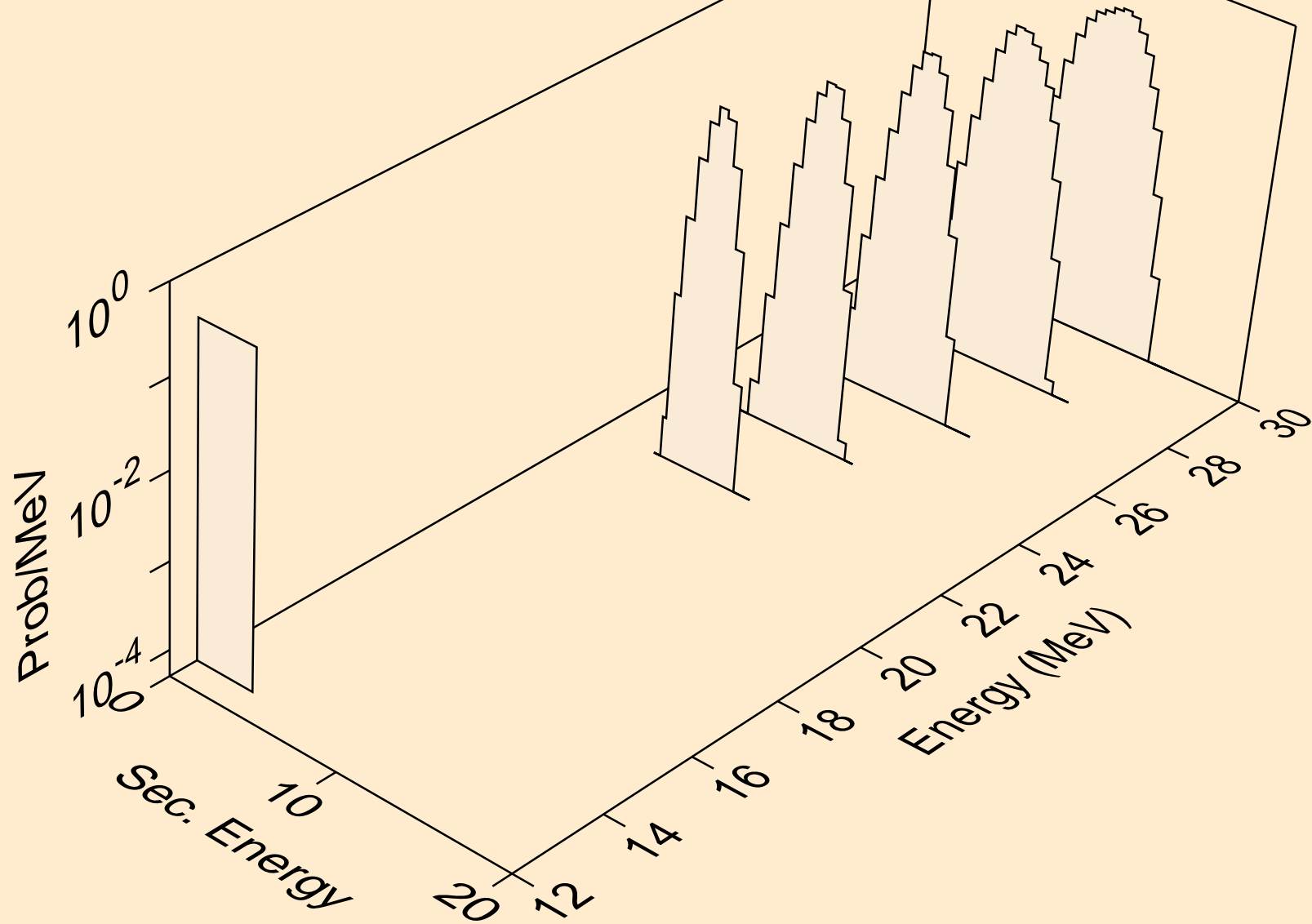
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



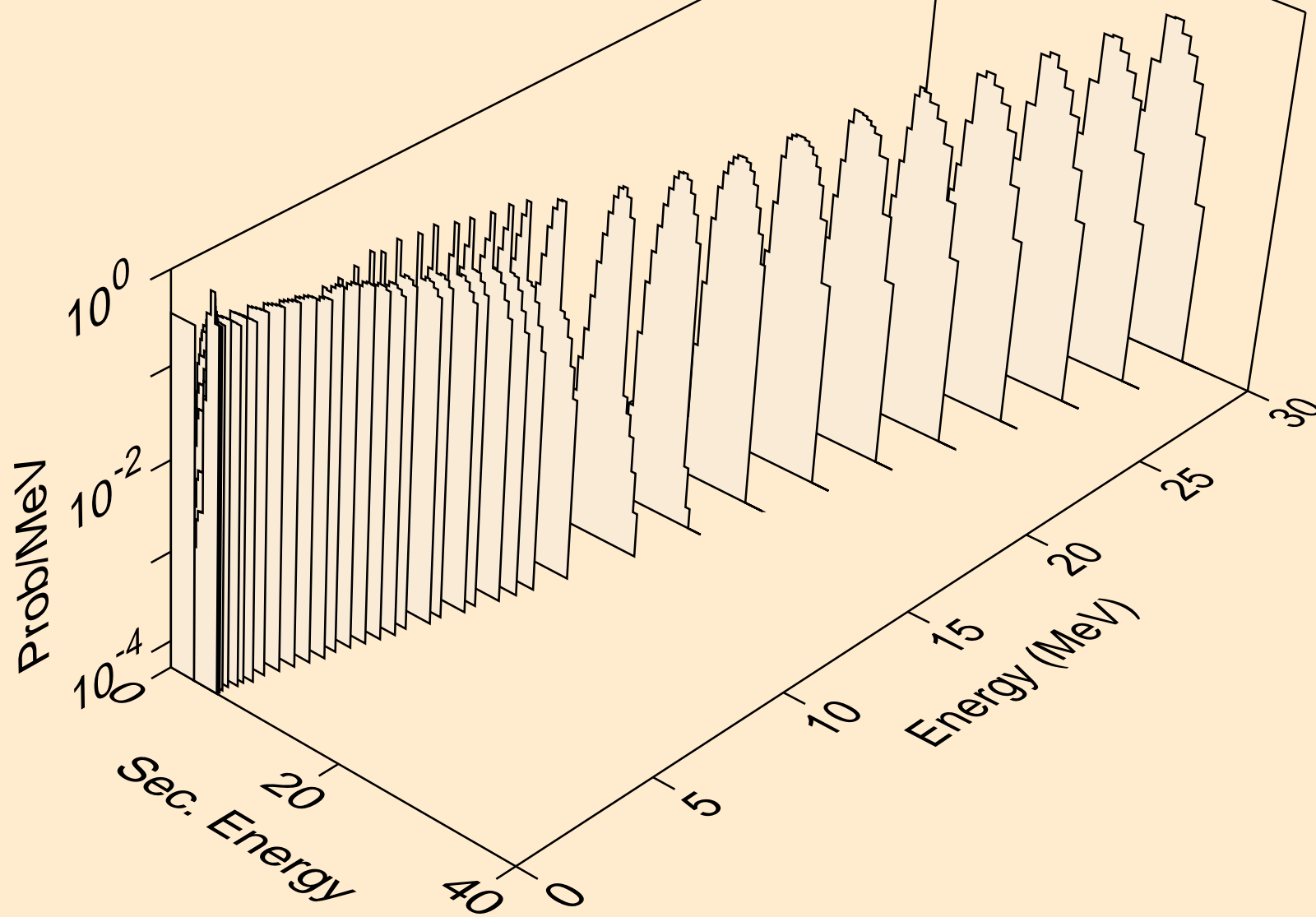
XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

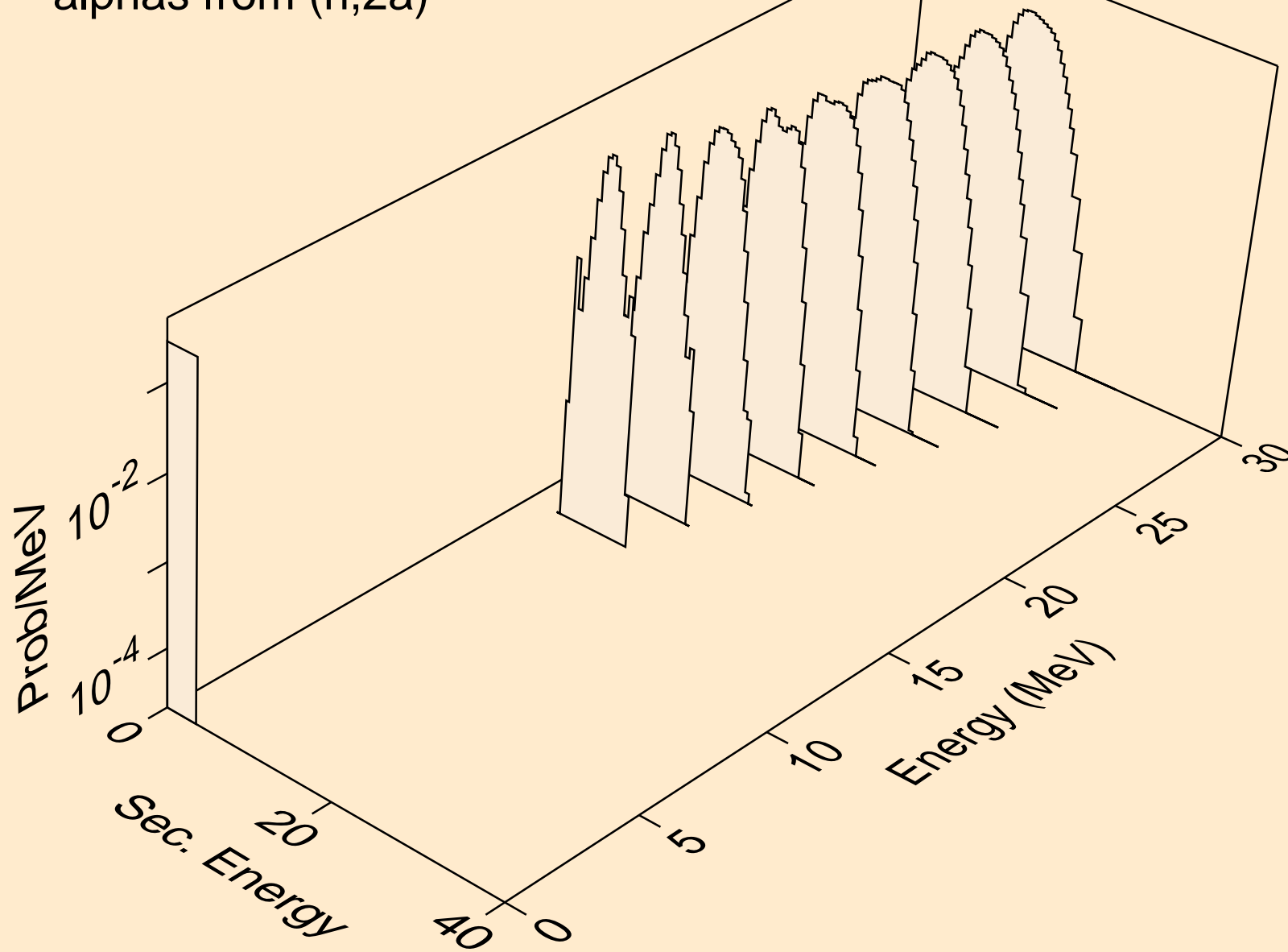


XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)





XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



XE133M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

