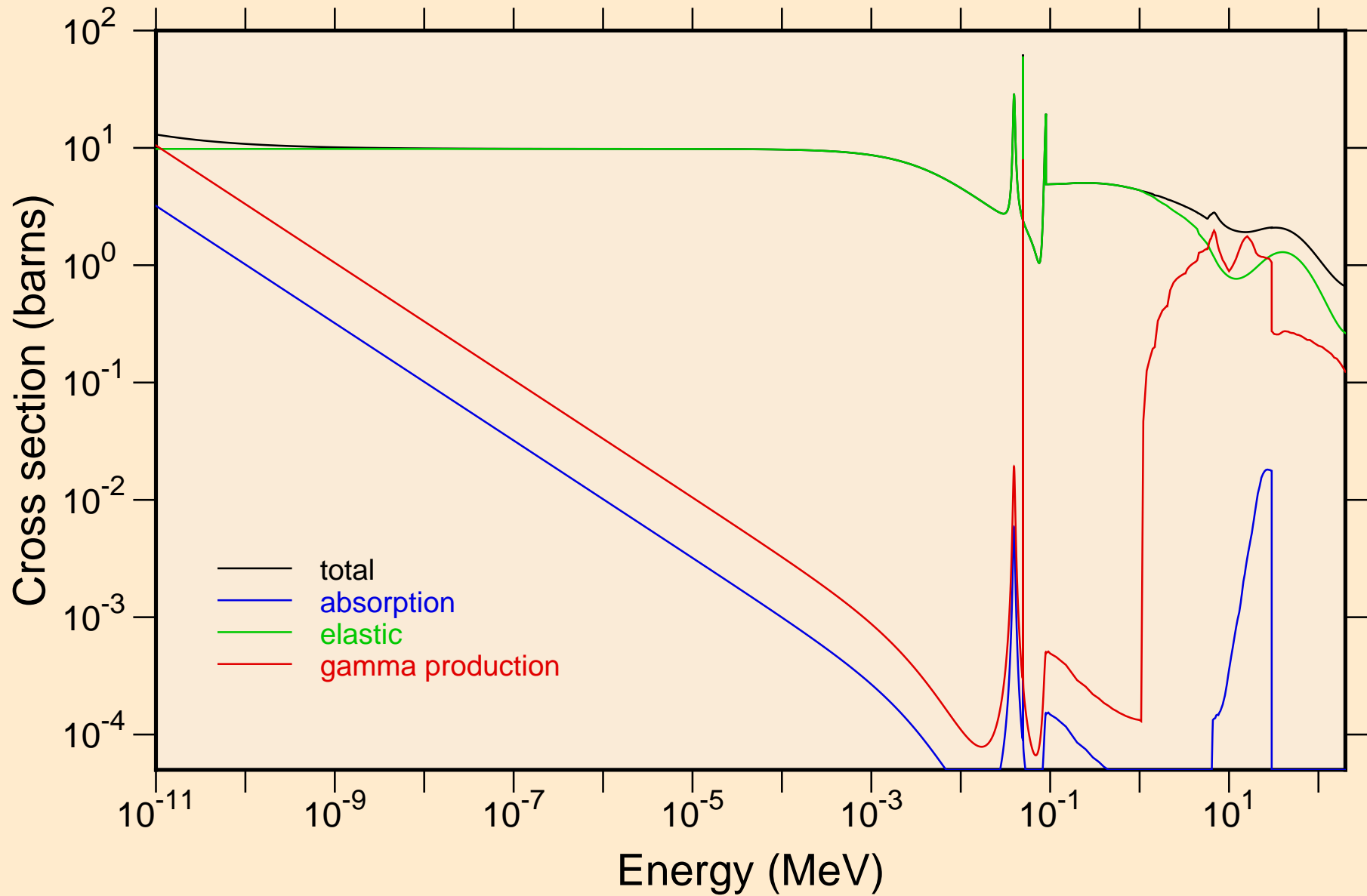


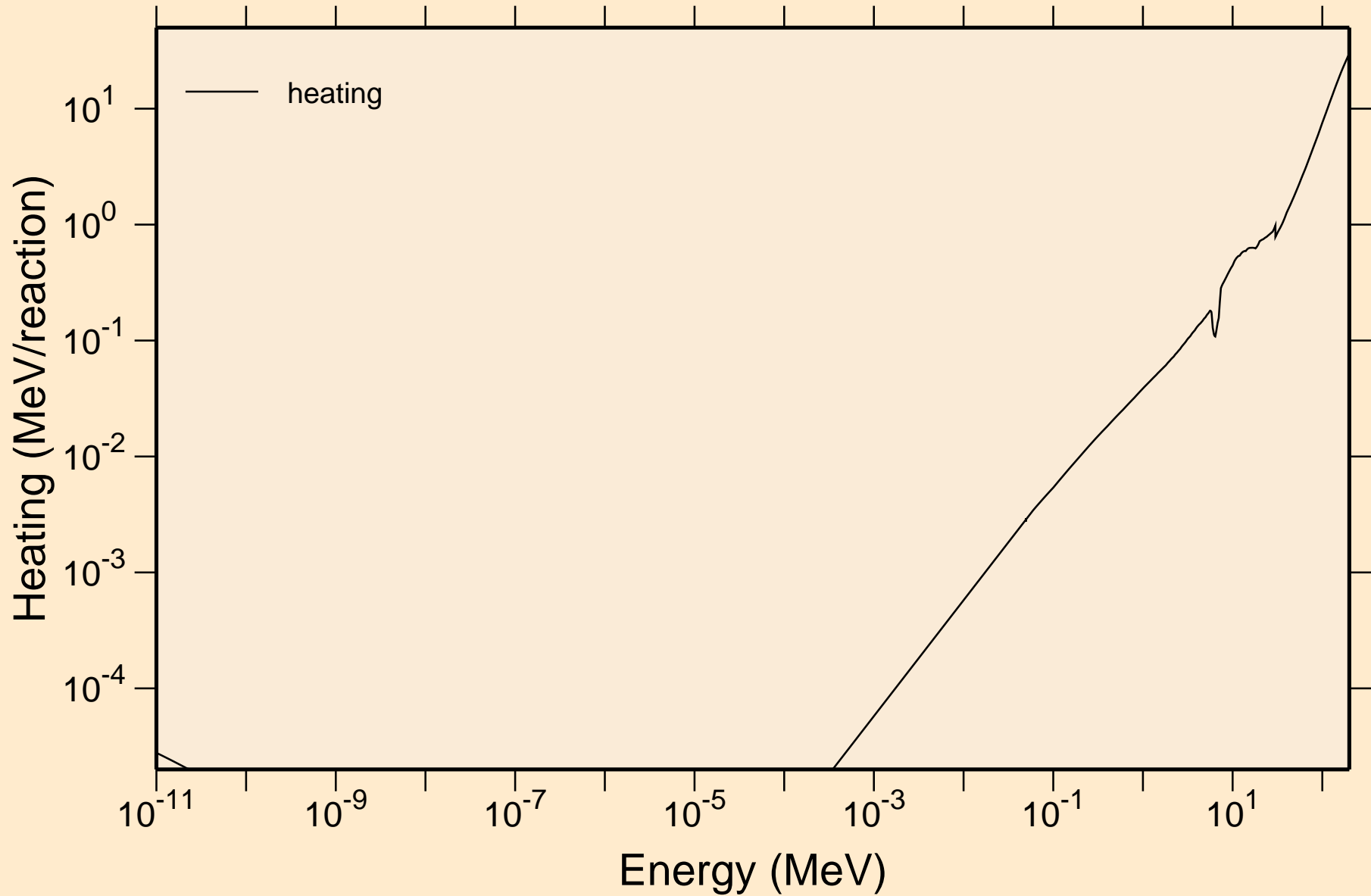
# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

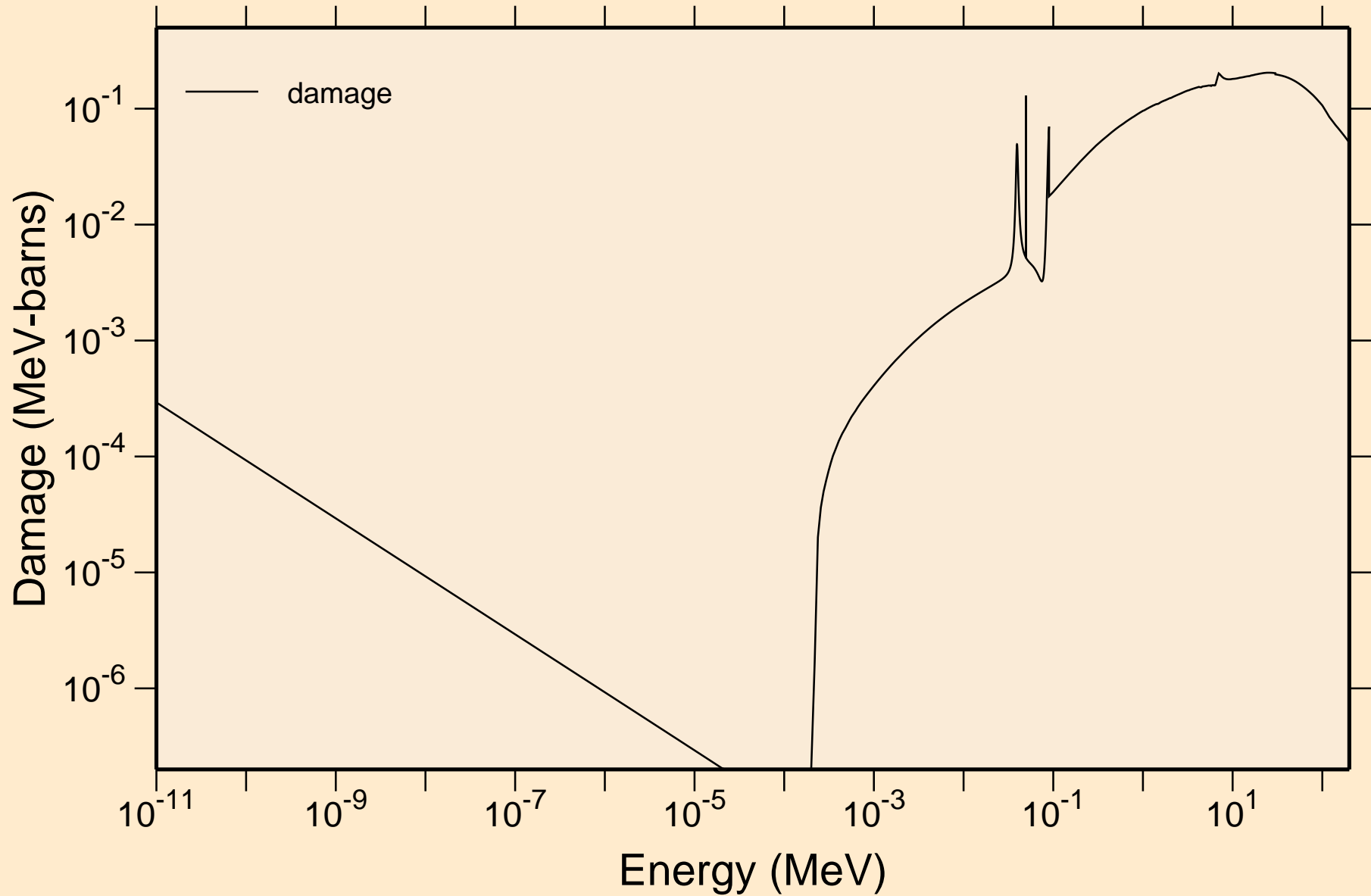


# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

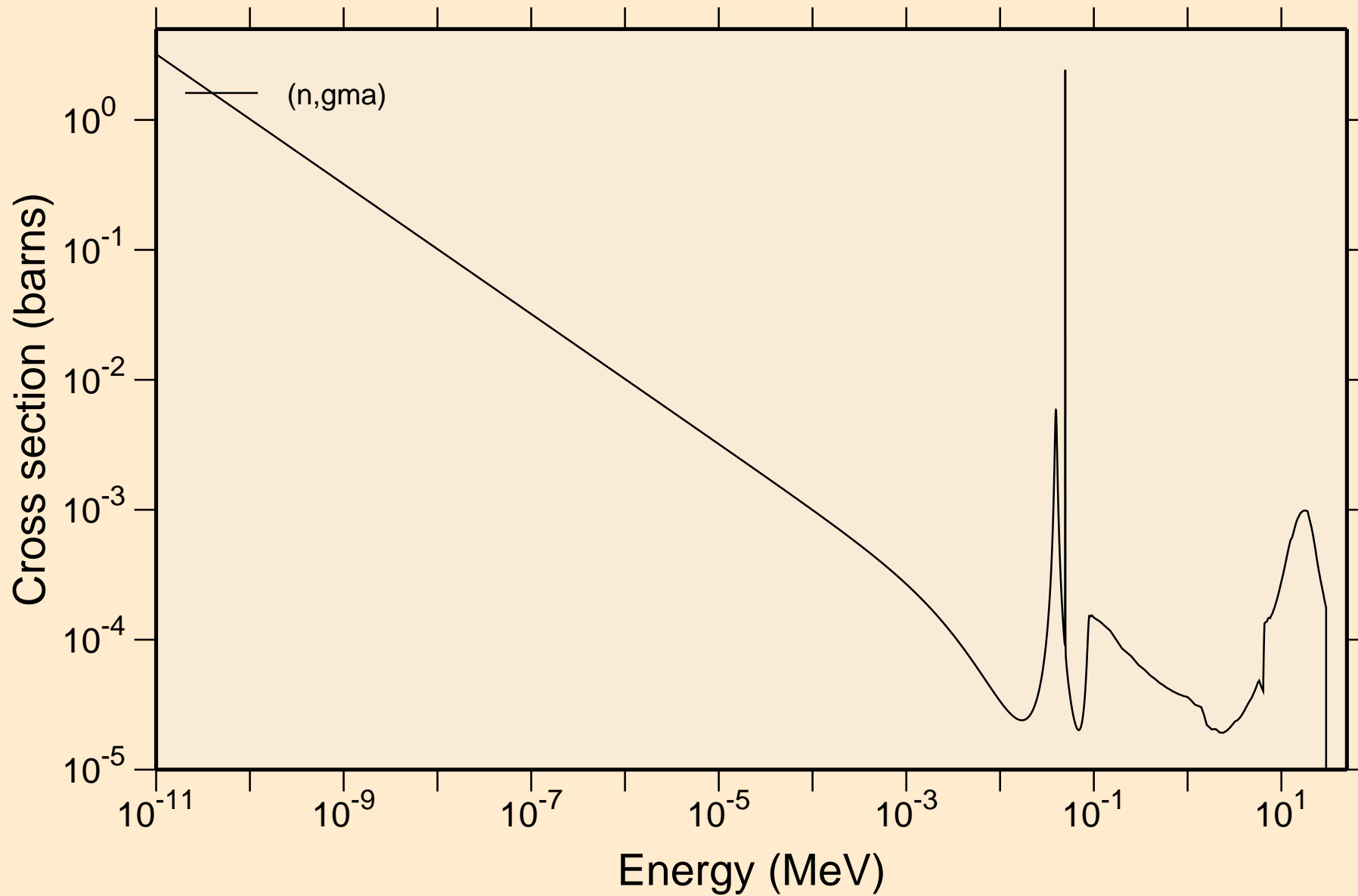
## Heating



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

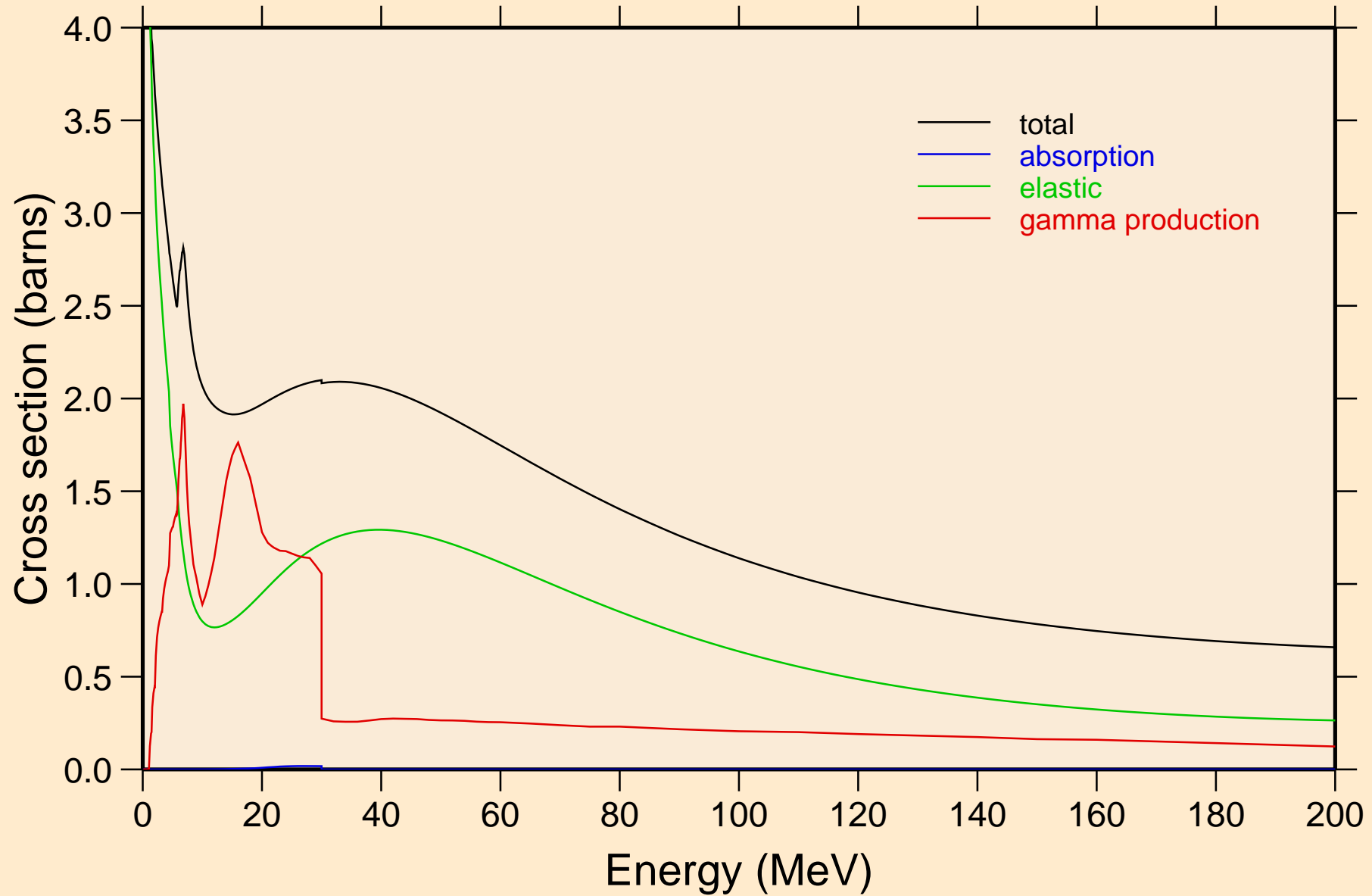


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



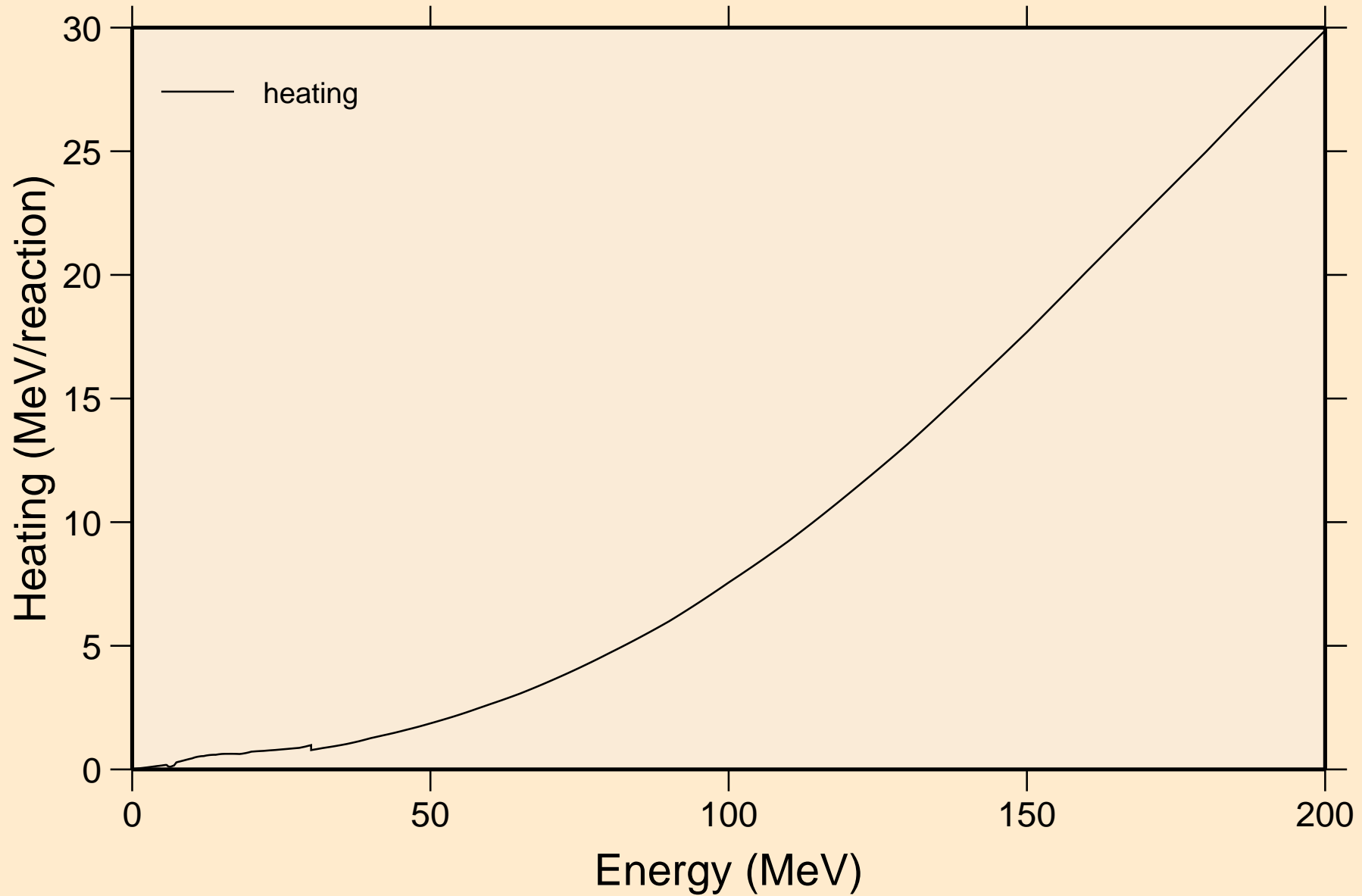
# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



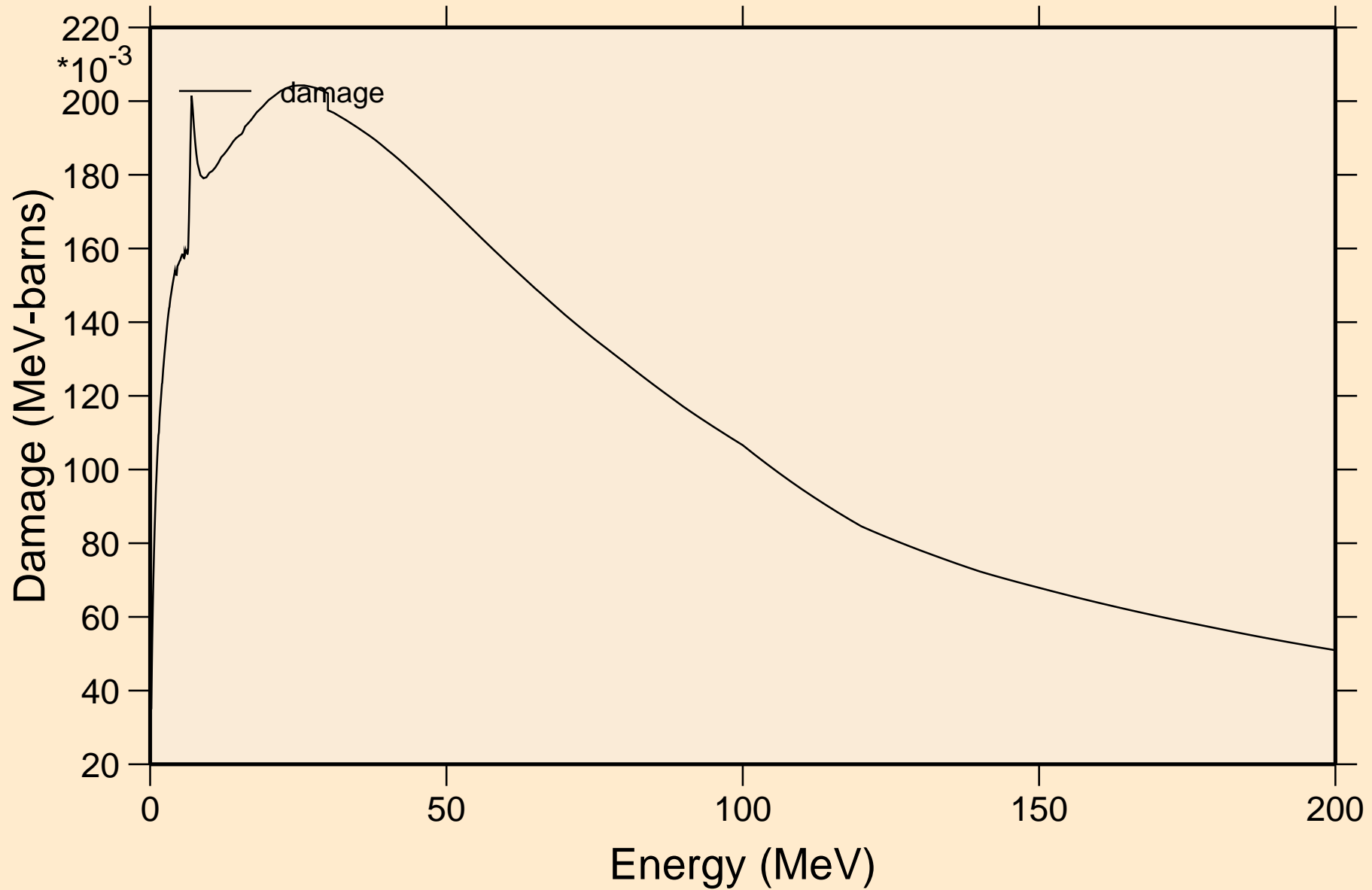
# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

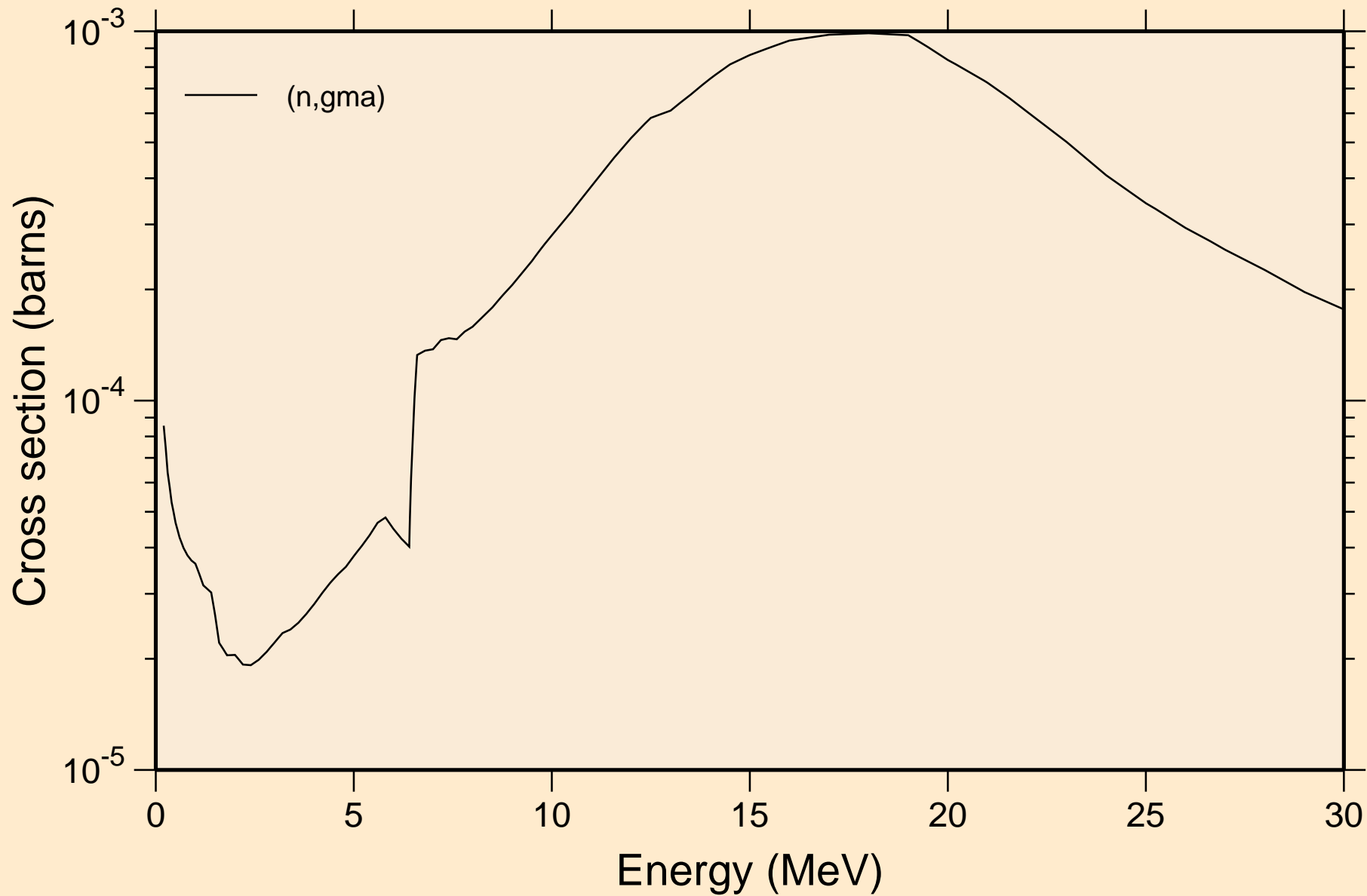


# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

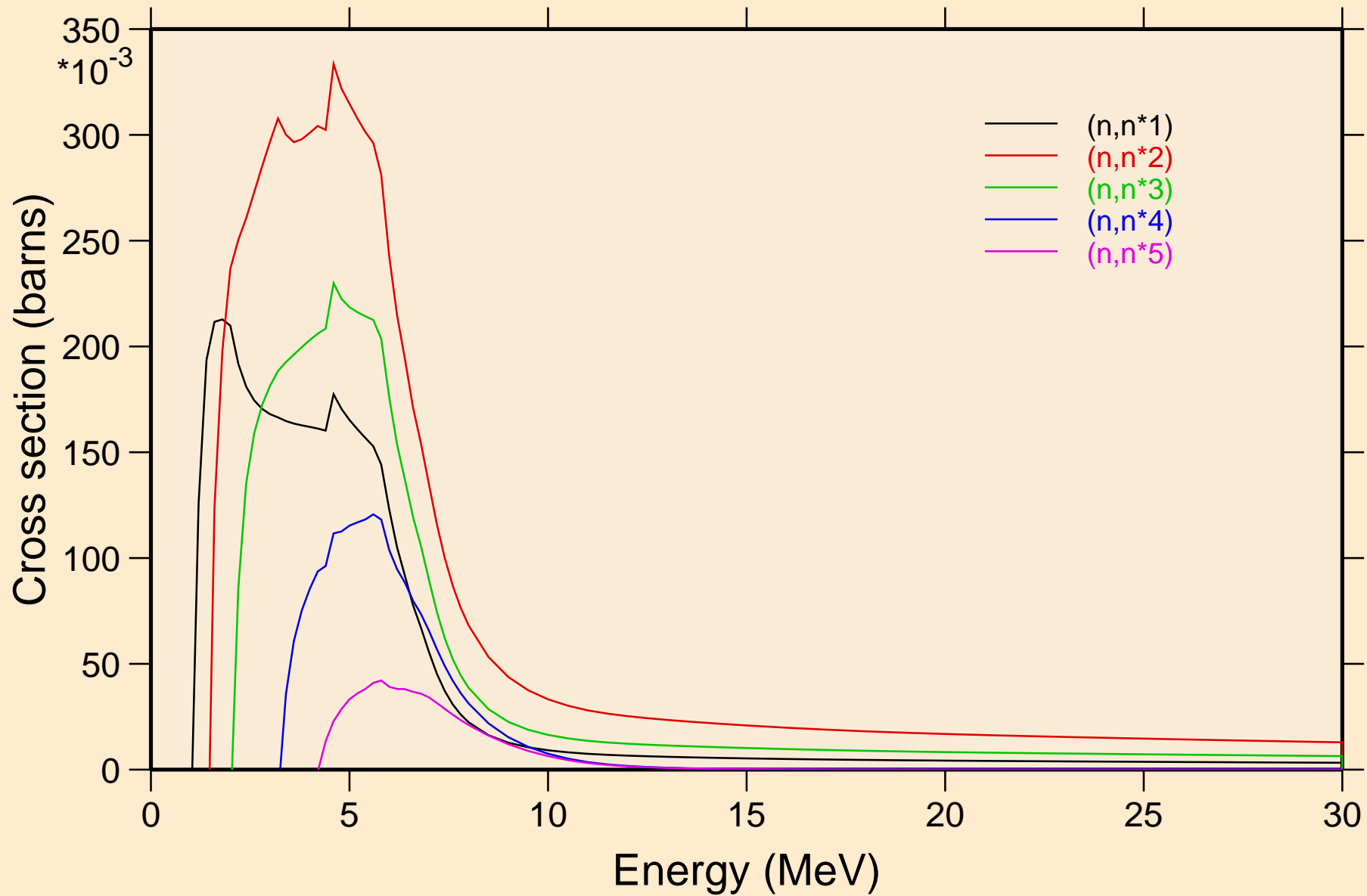


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

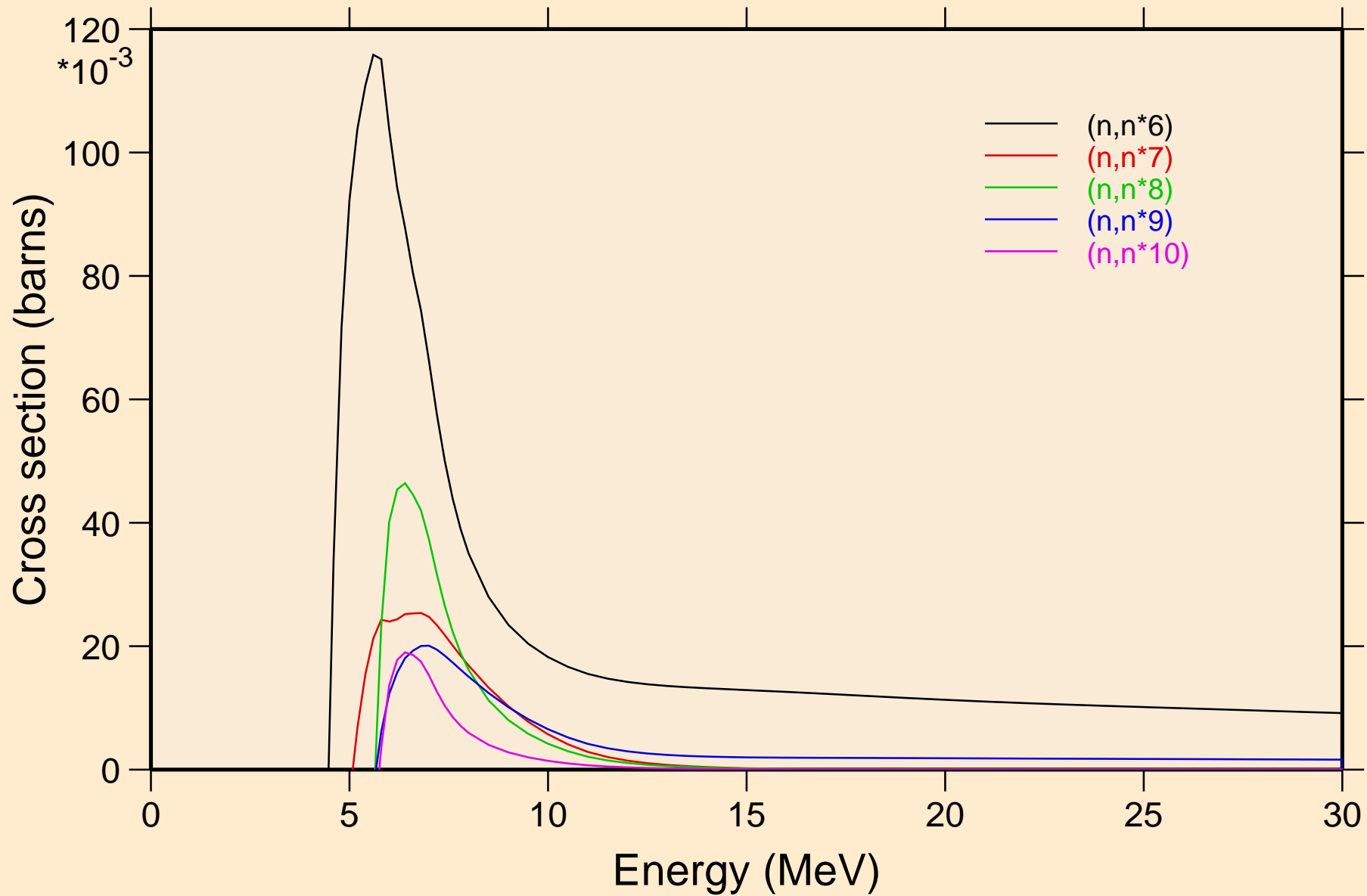




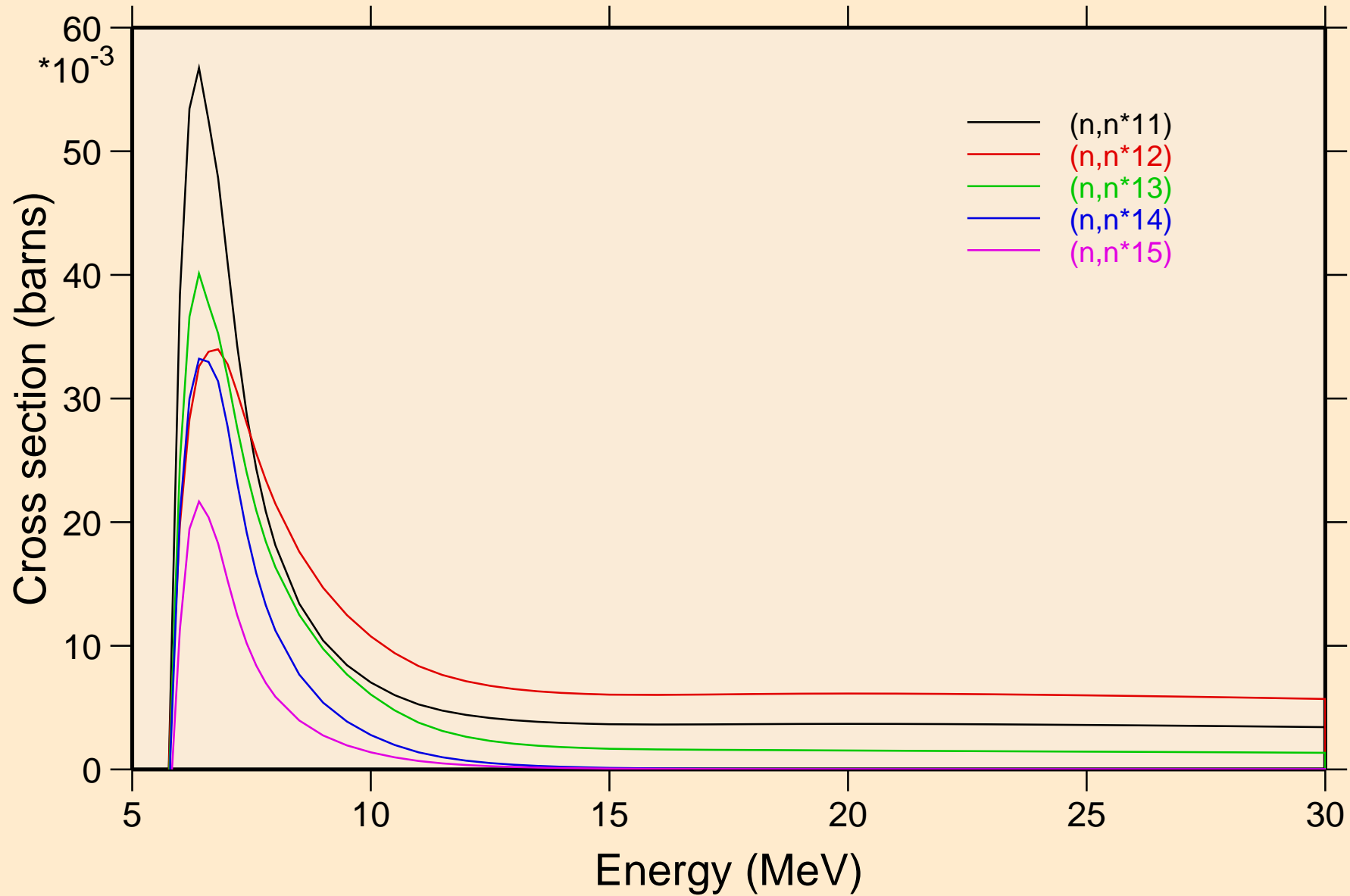
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

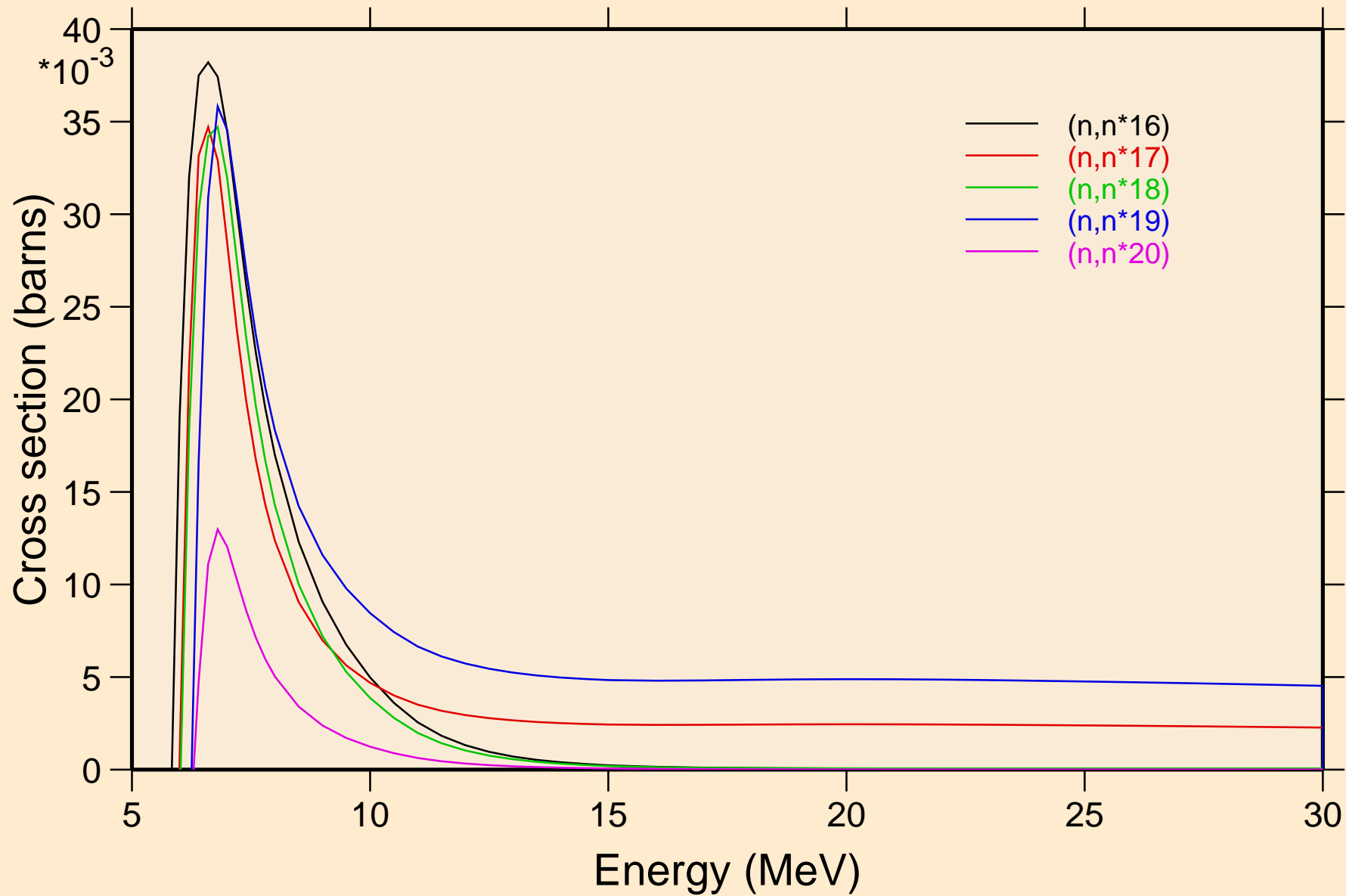


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

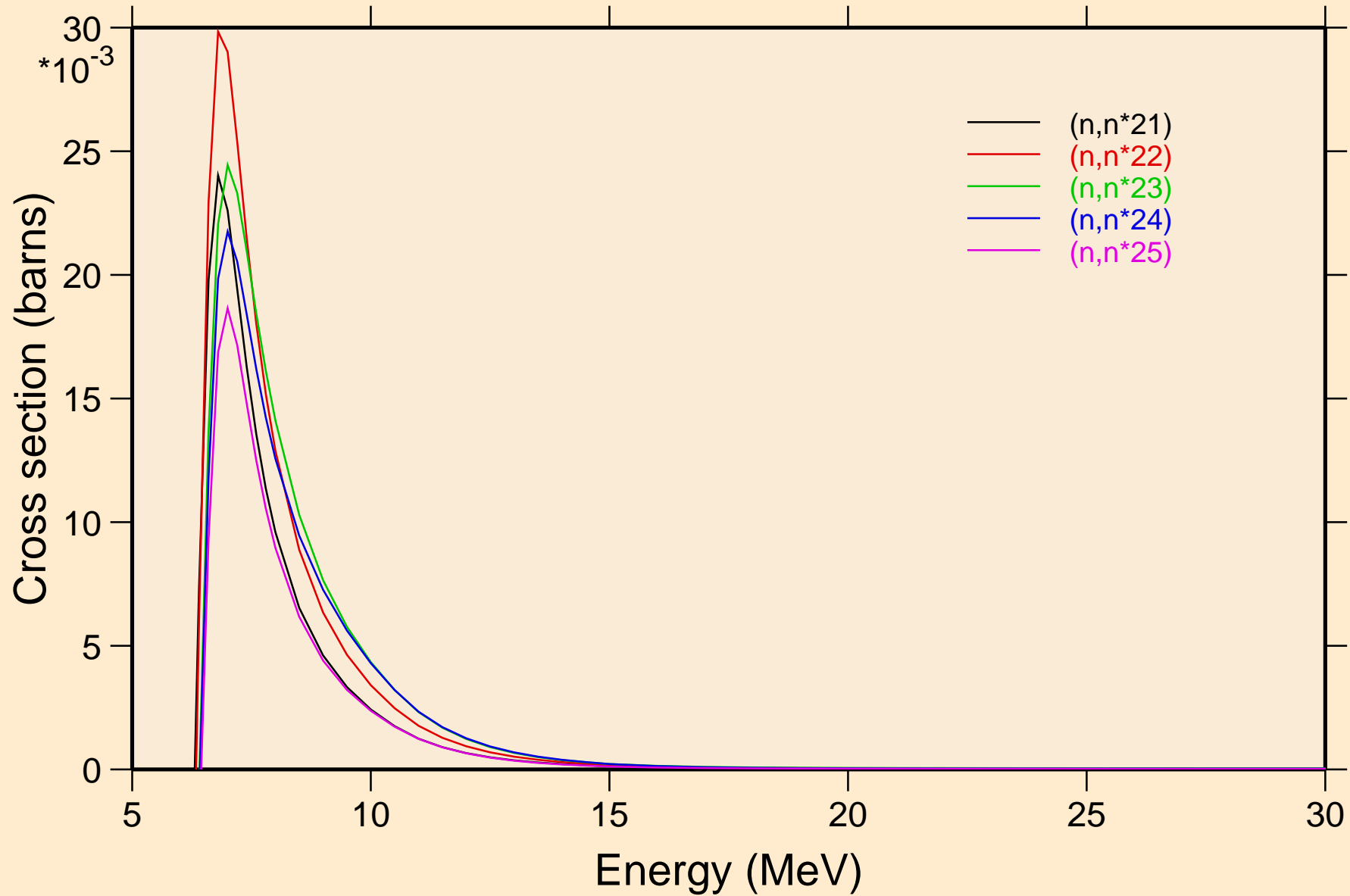


# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

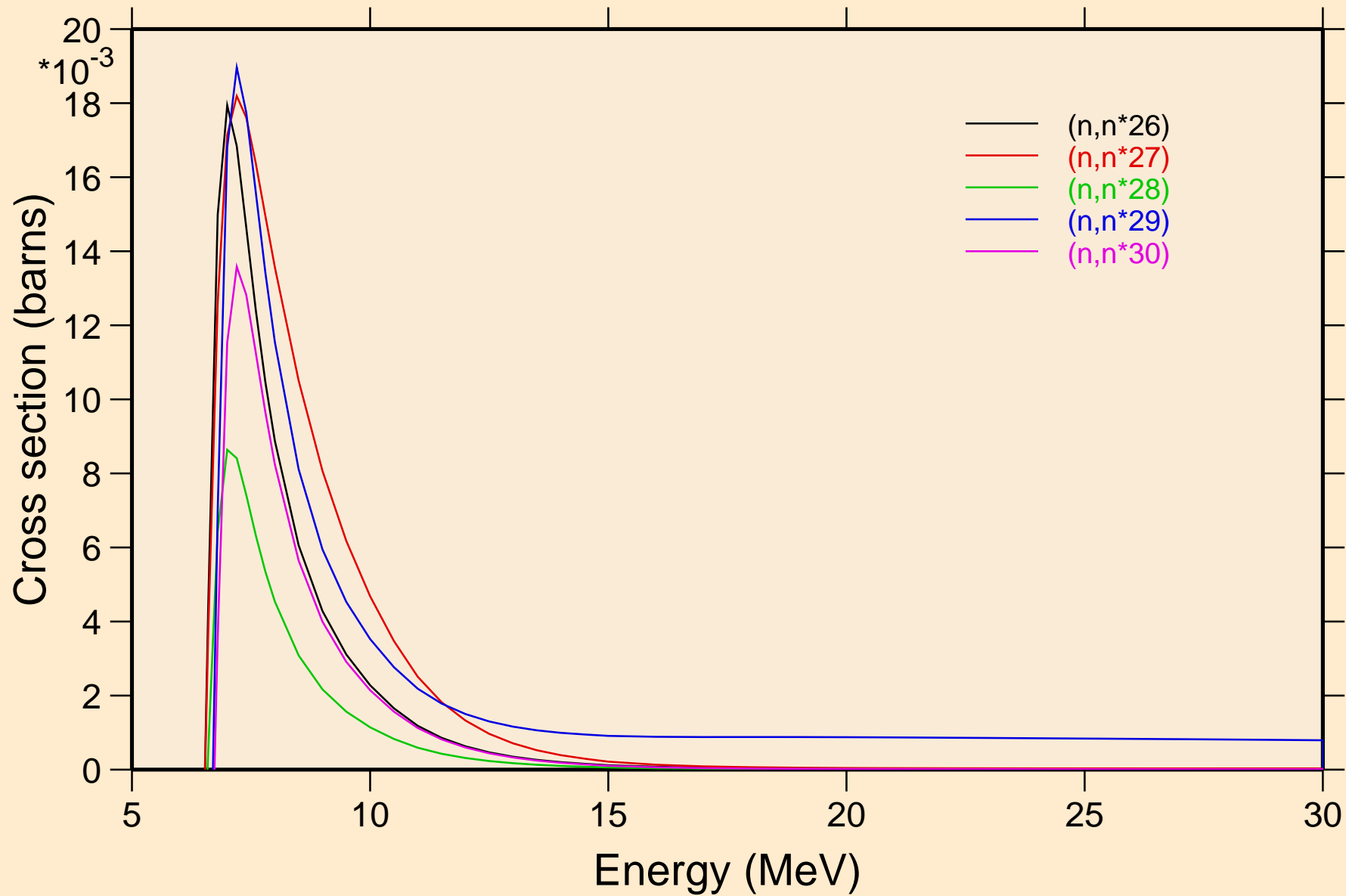


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

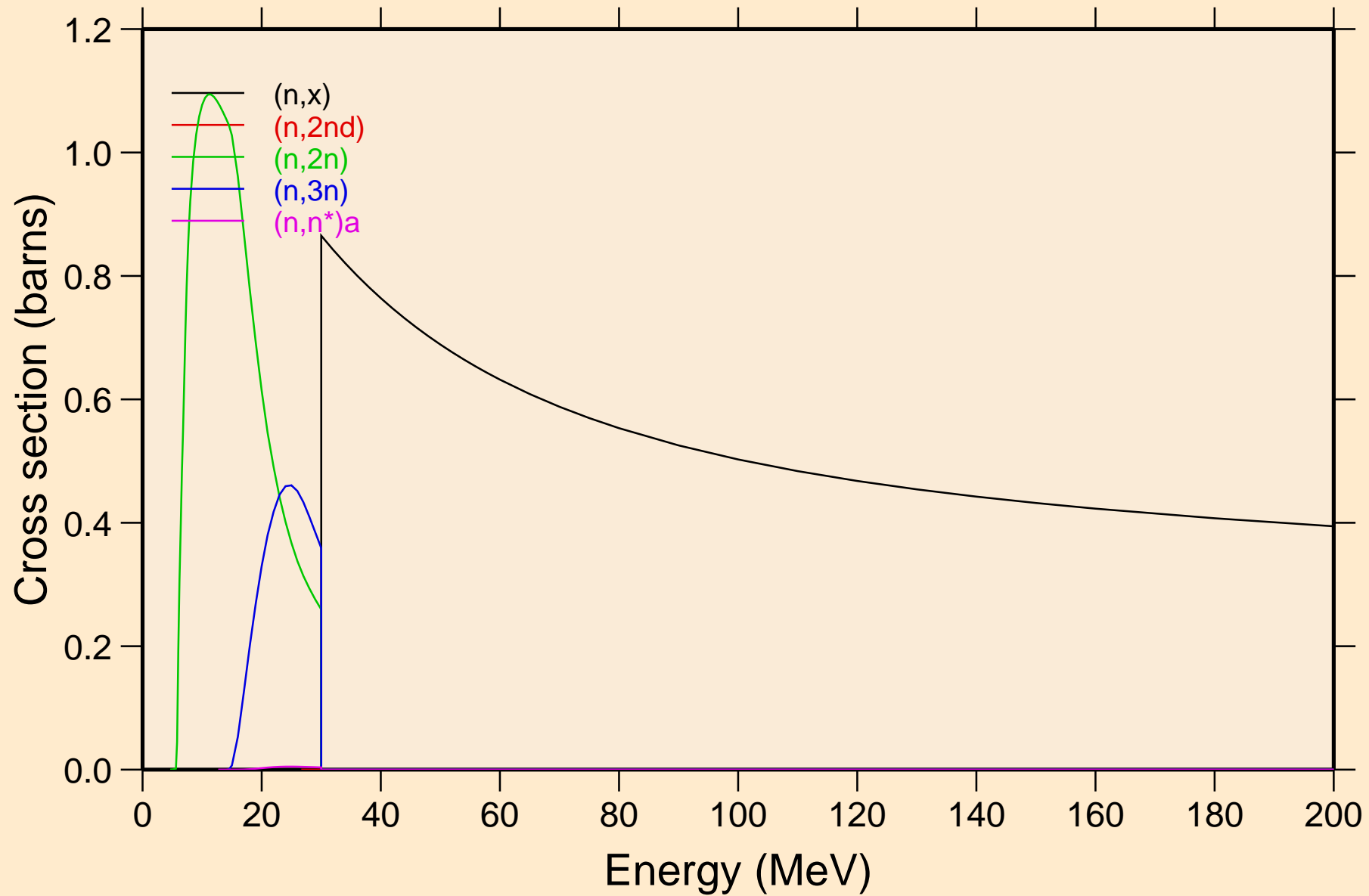


# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

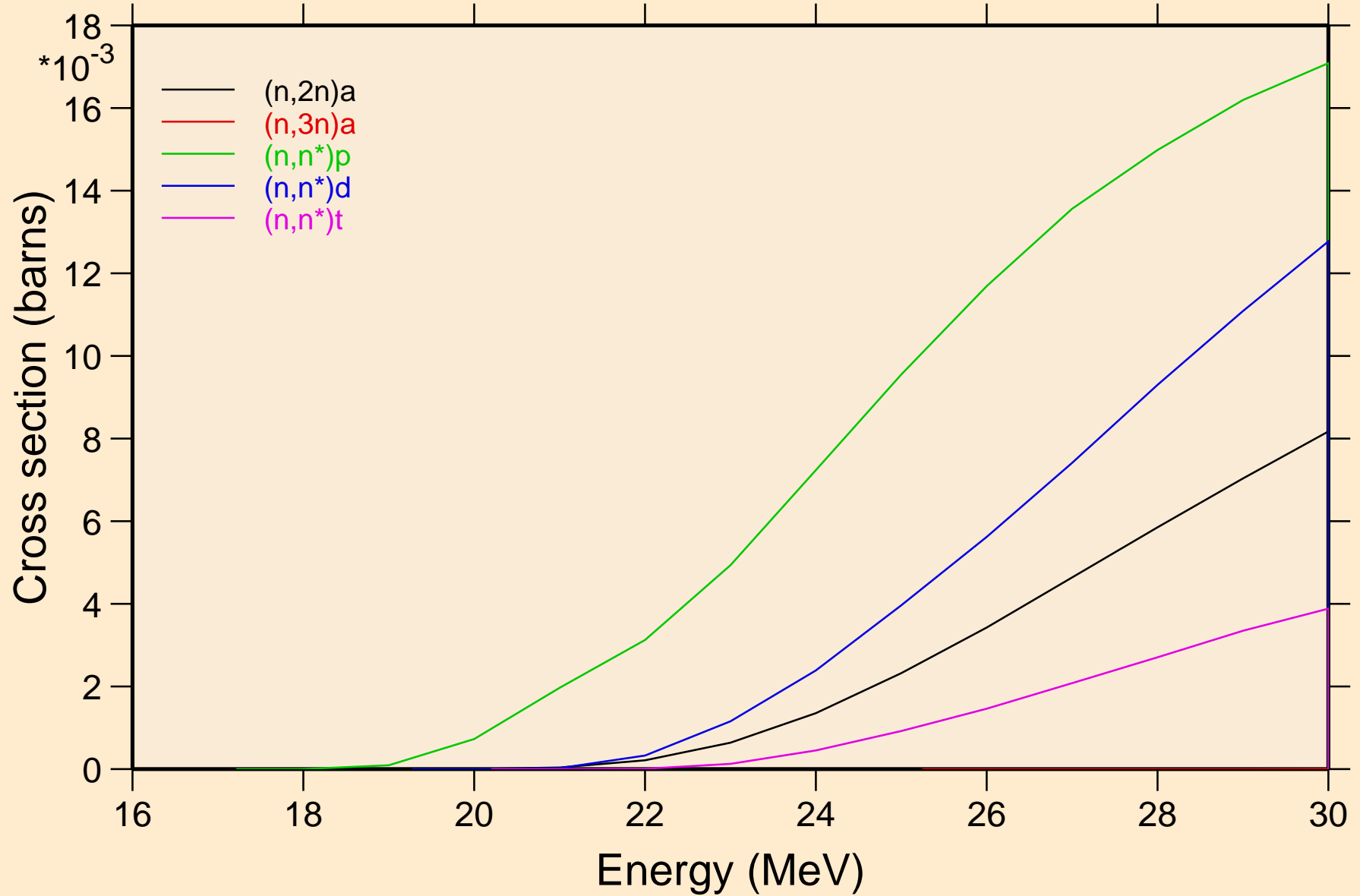


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

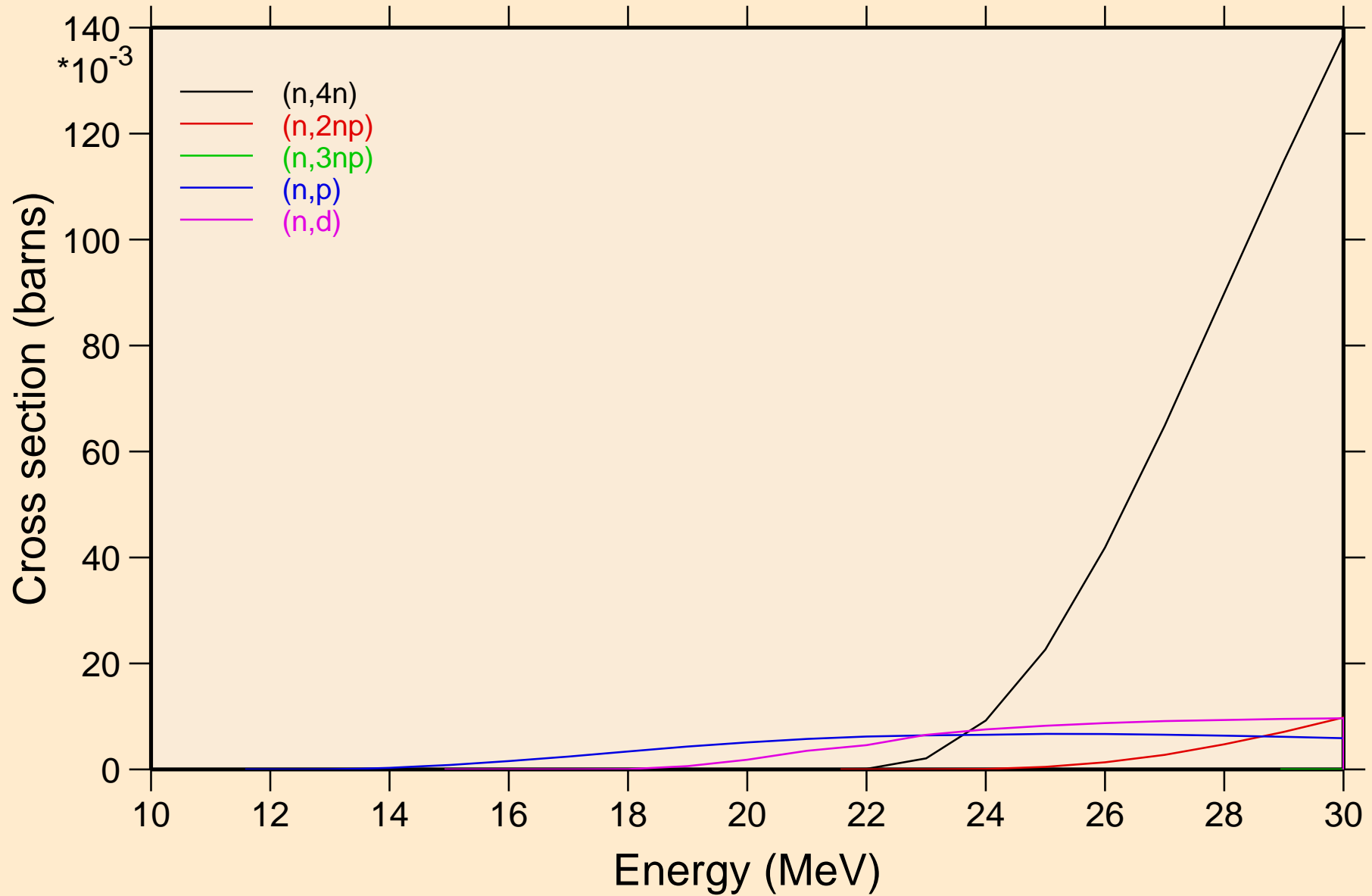
## Threshold reactions





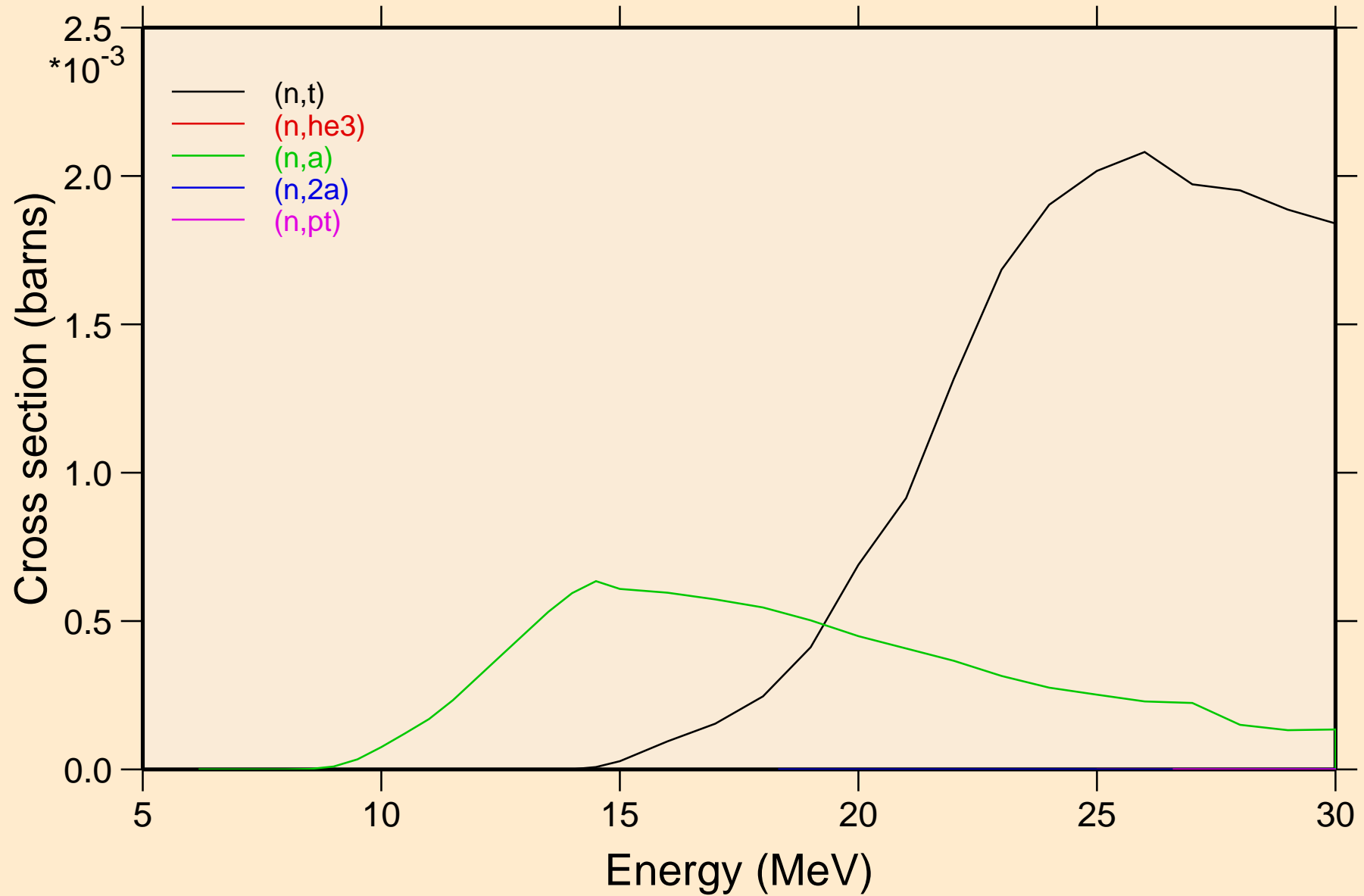
# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



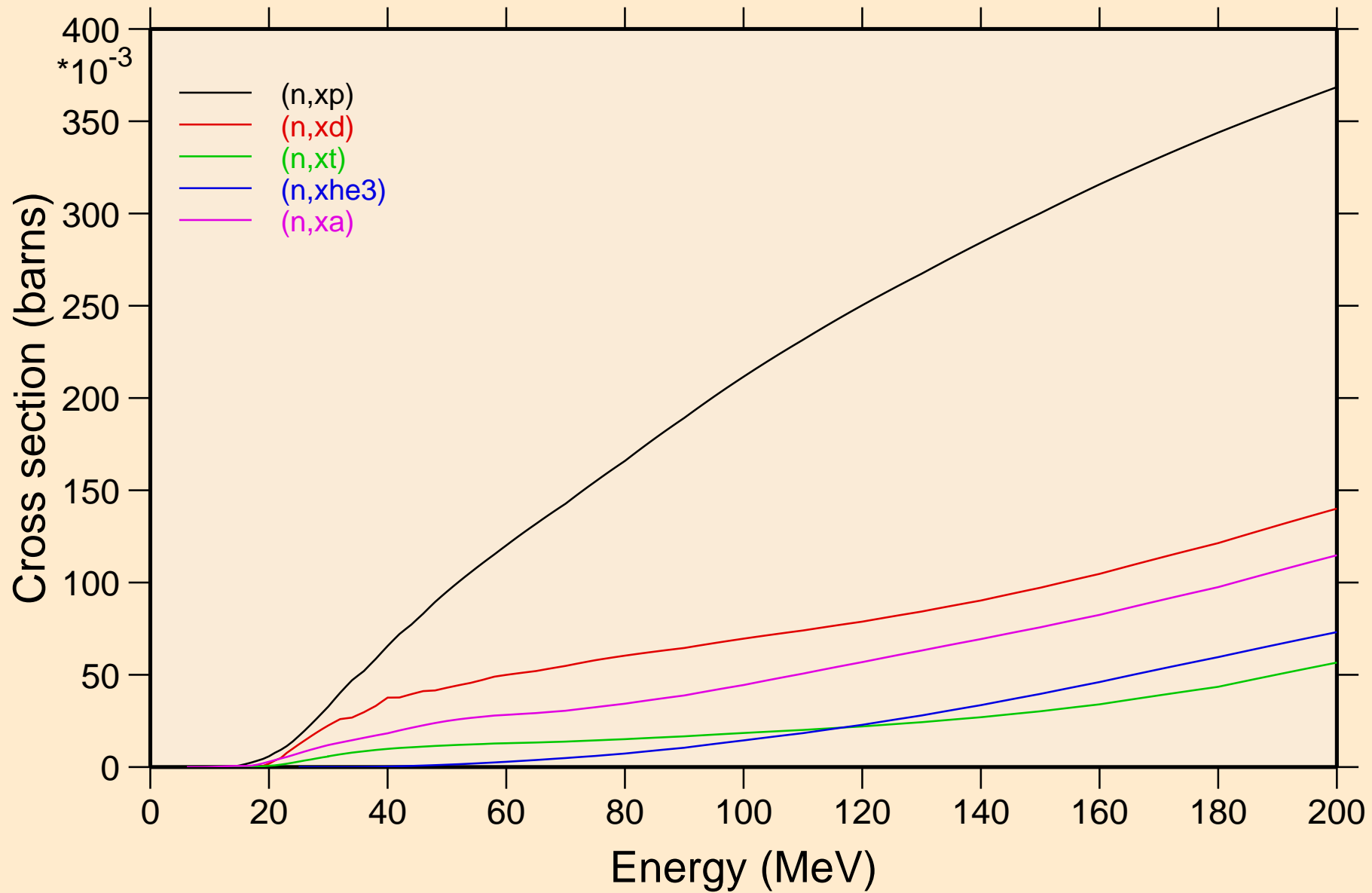
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## Threshold reactions

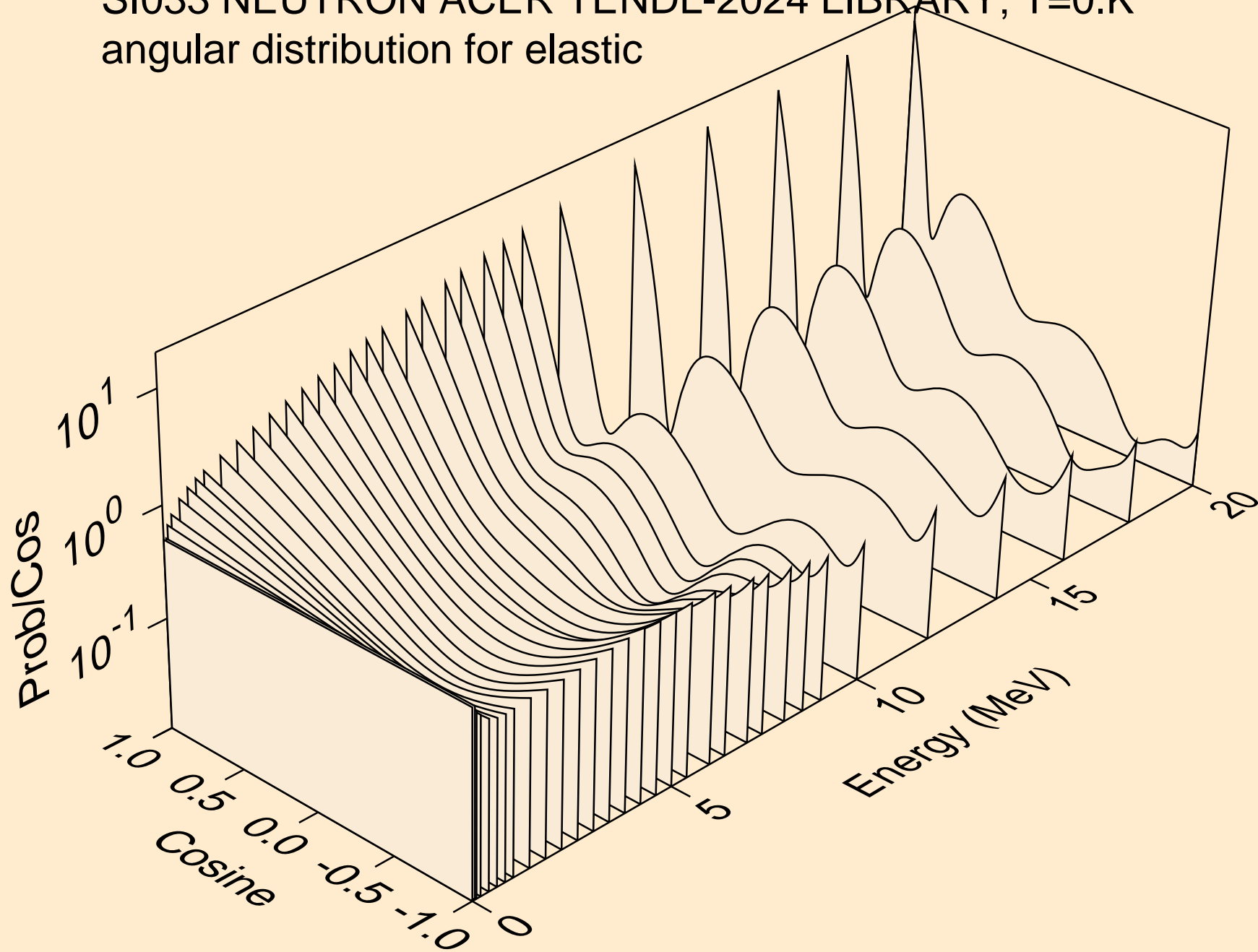


# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

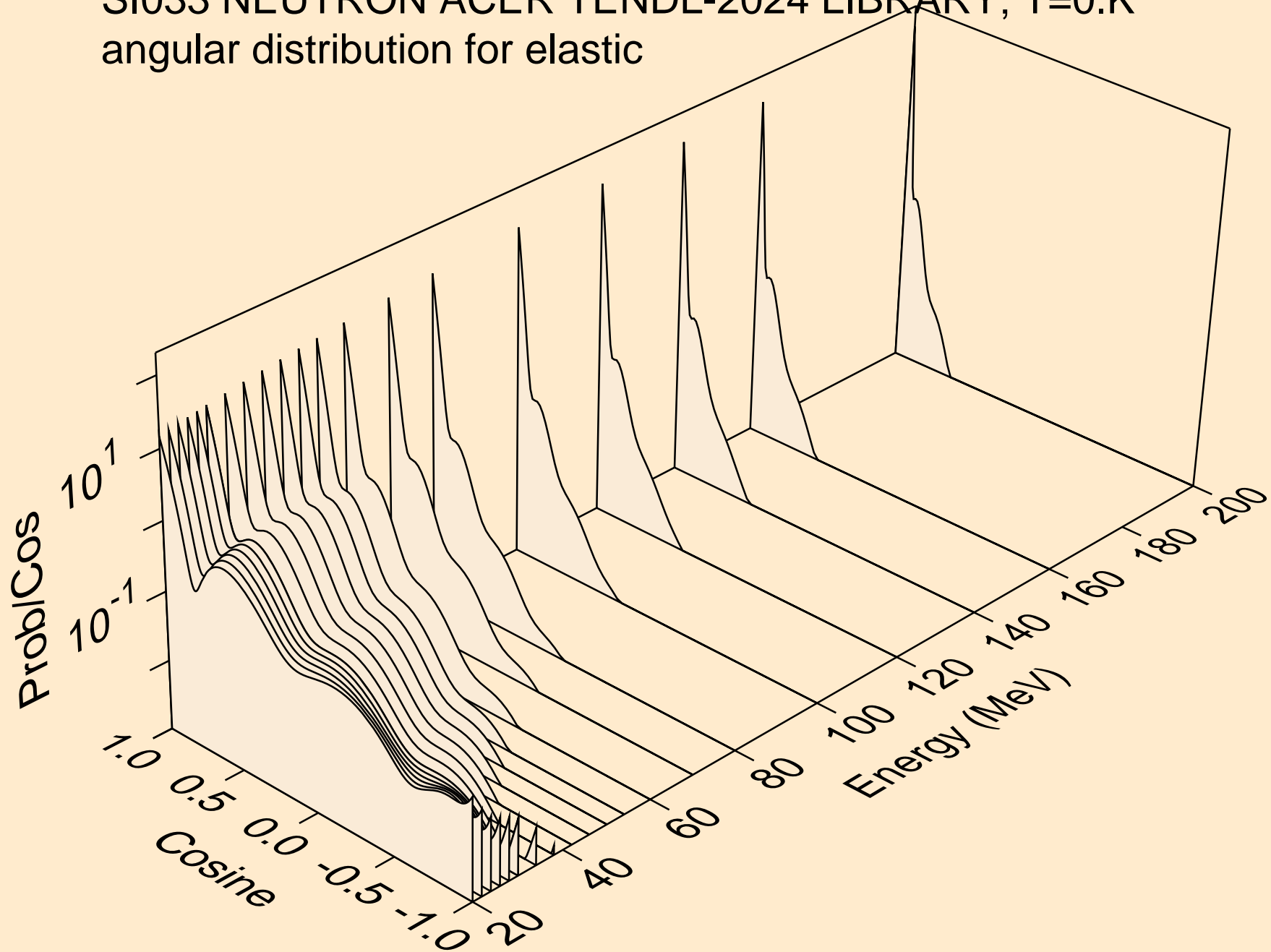
## Threshold reactions



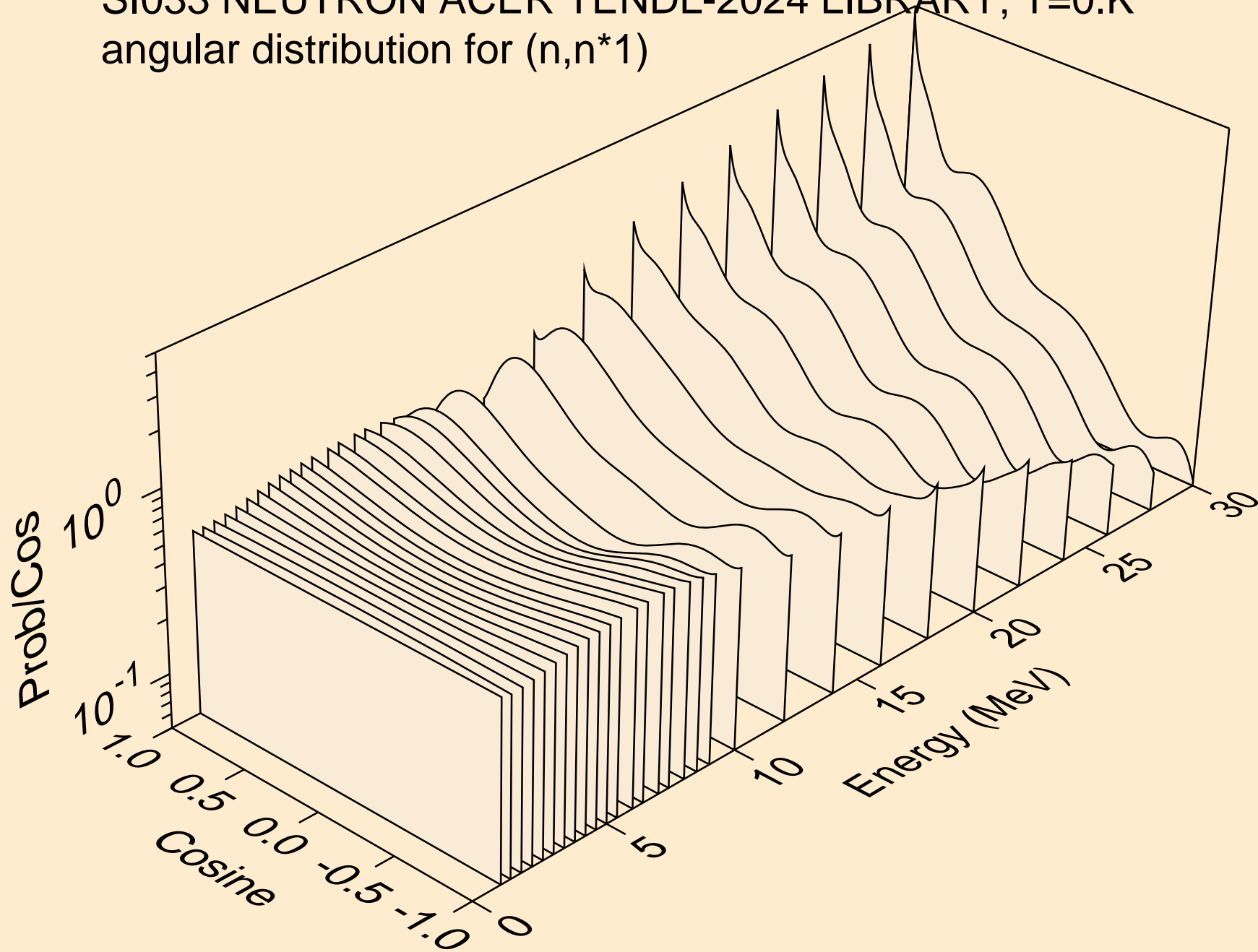
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



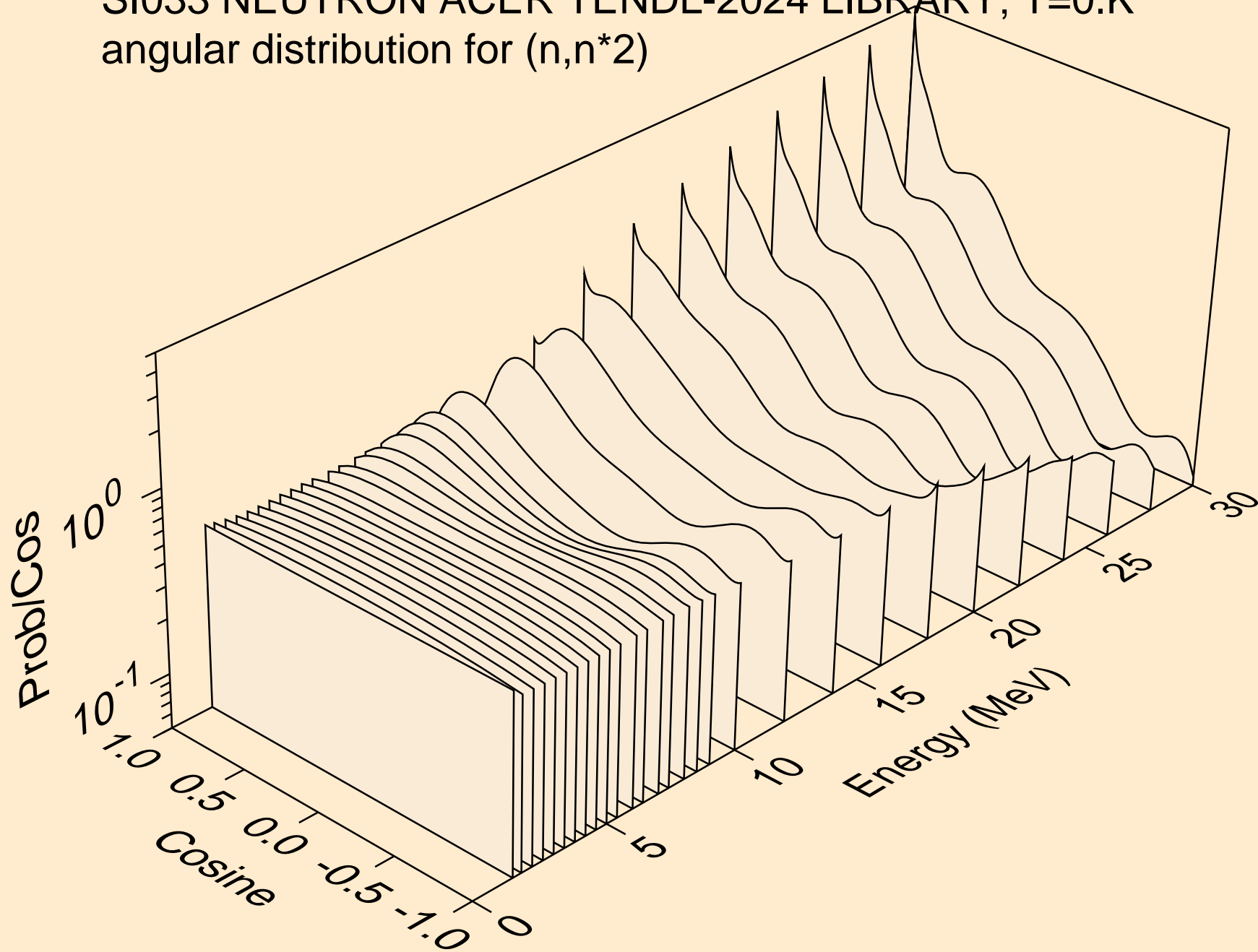
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



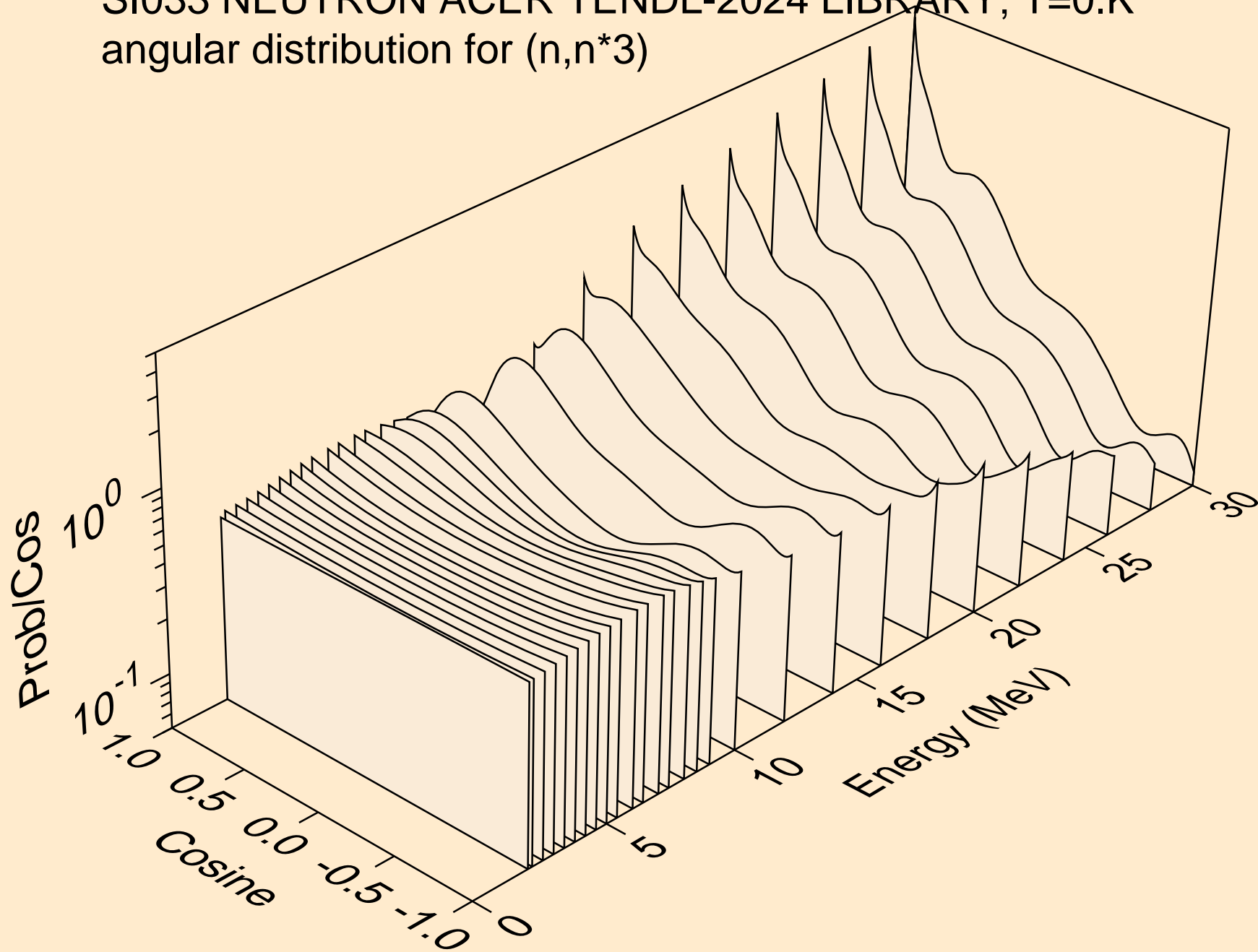
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

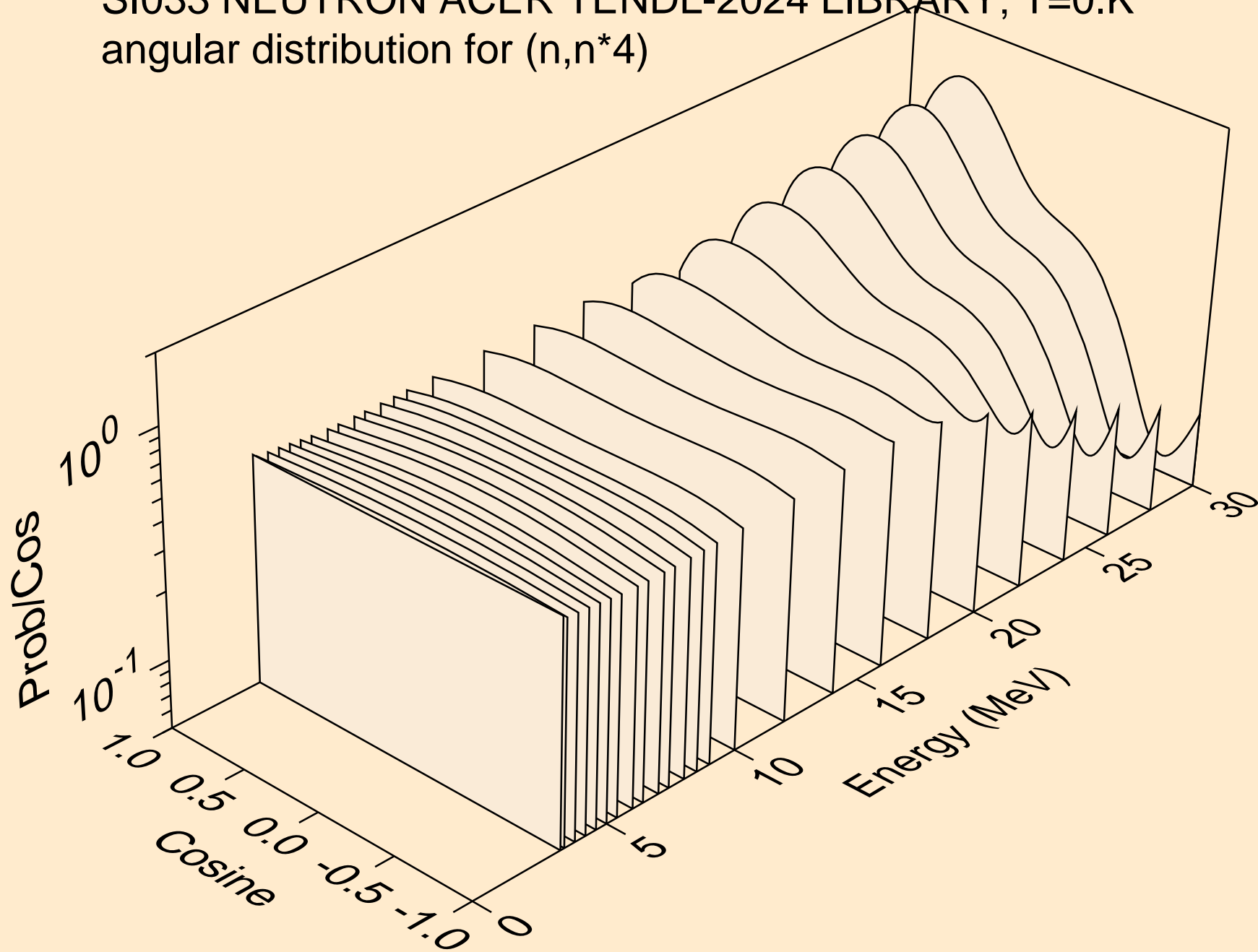


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

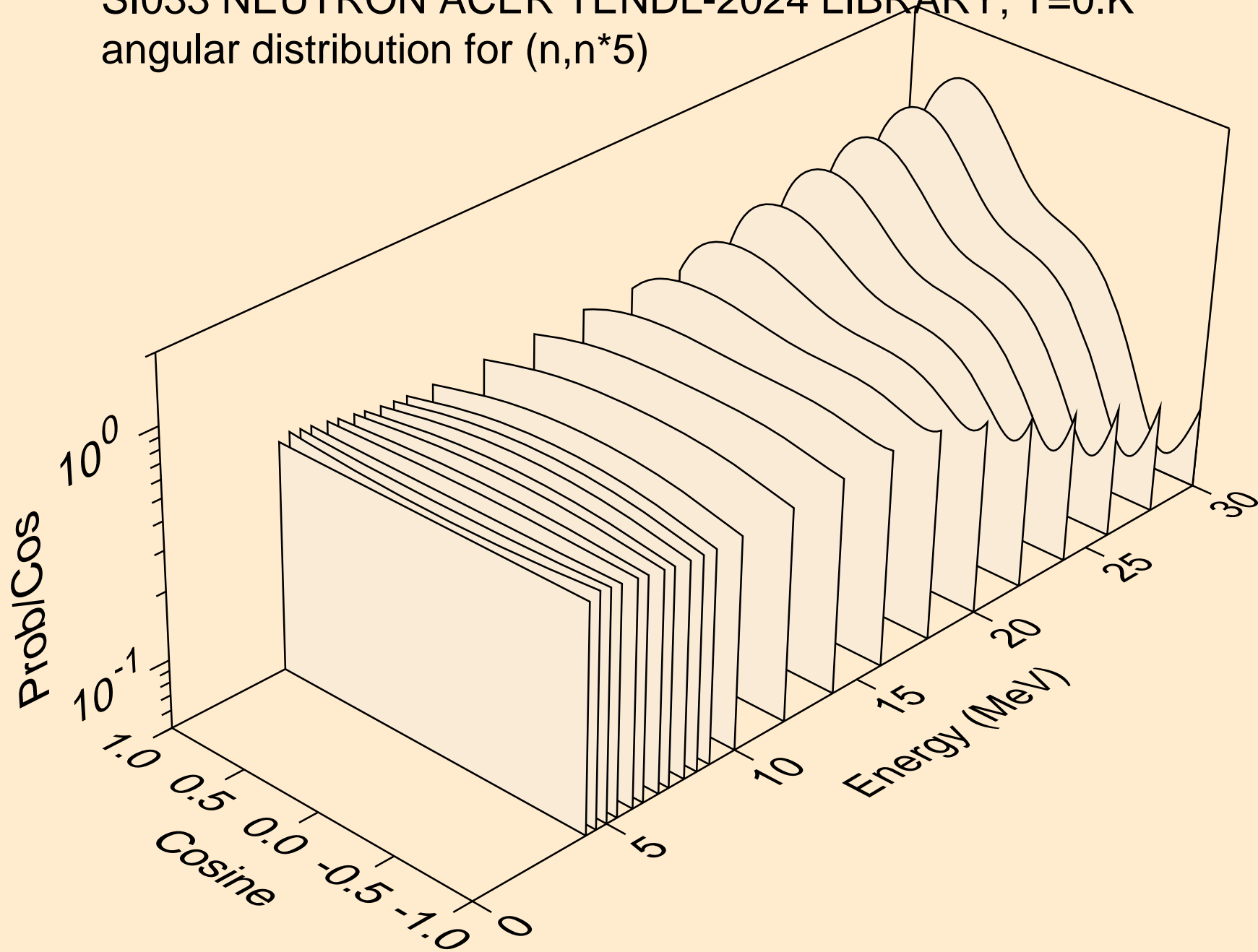




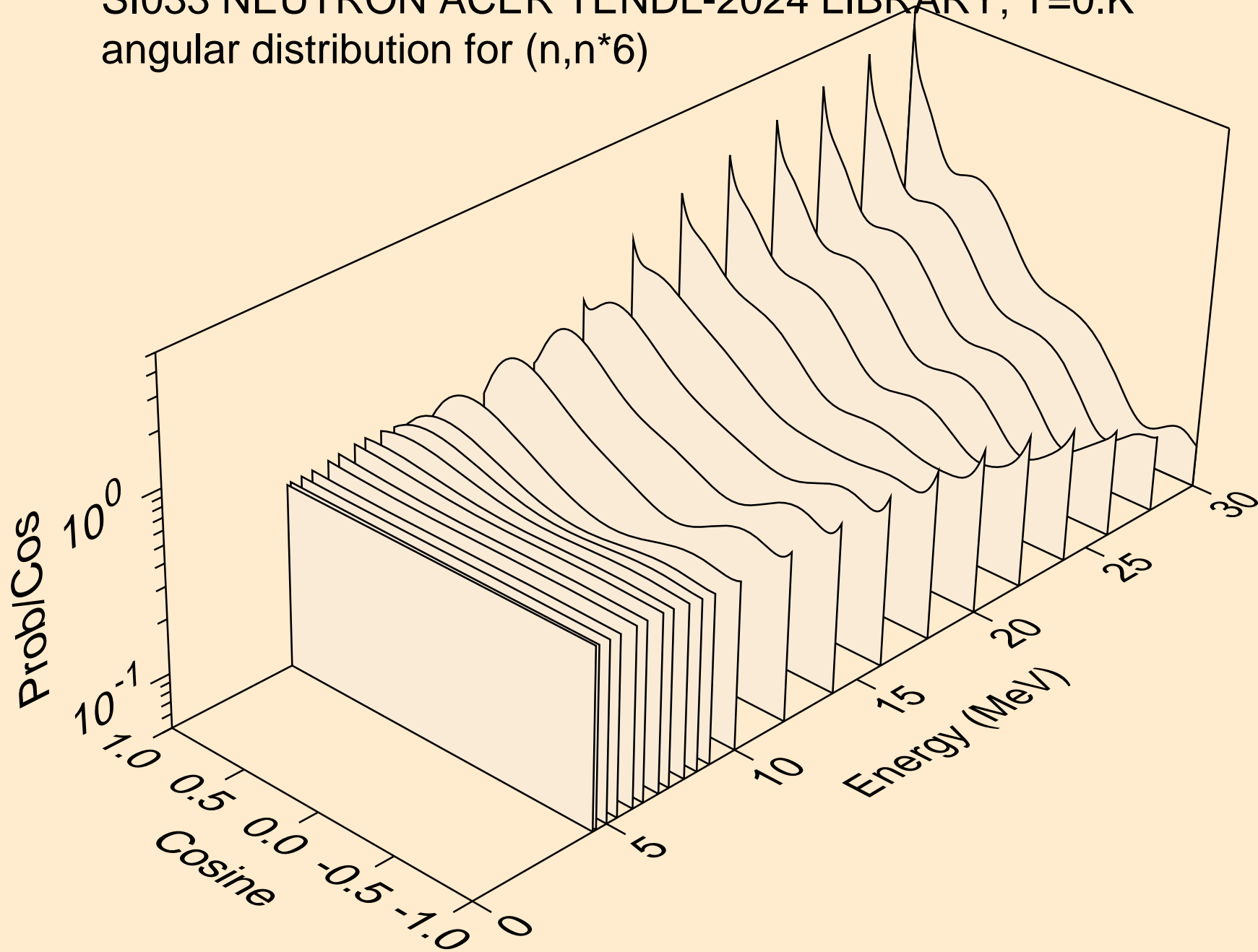
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angular distribution for (n,n\*4)



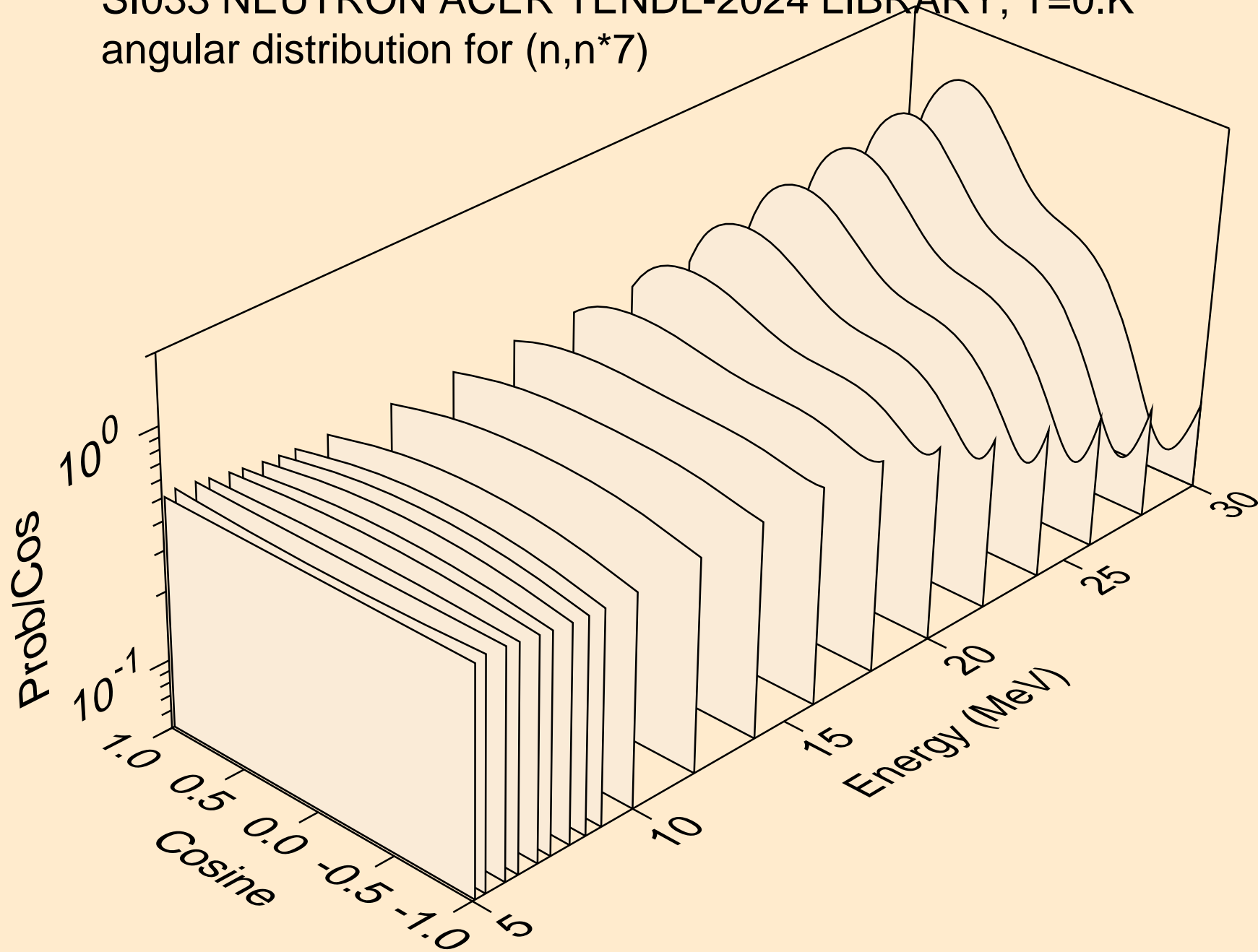
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angular distribution for (n,n\*5)



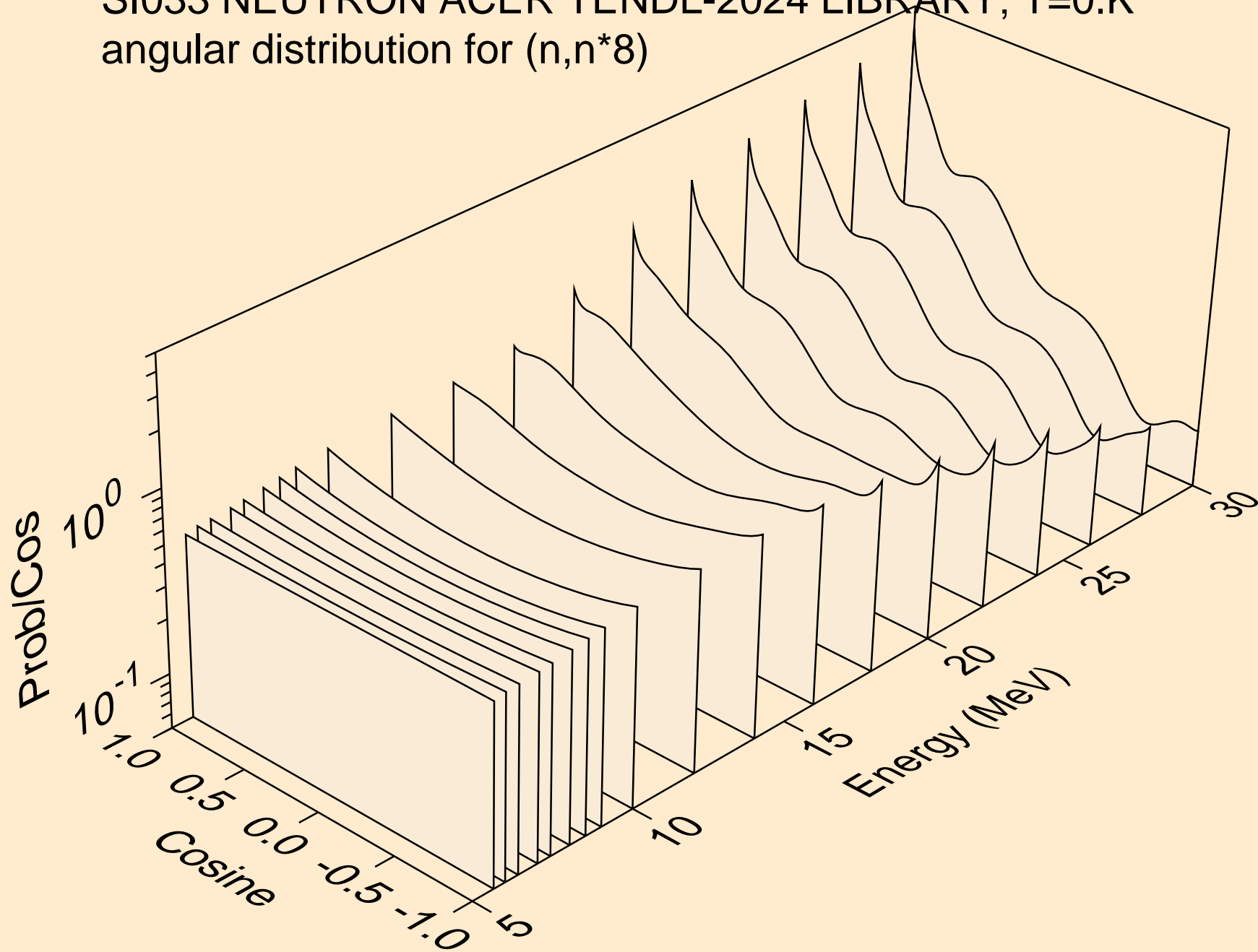
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angular distribution for (n,n\*6)



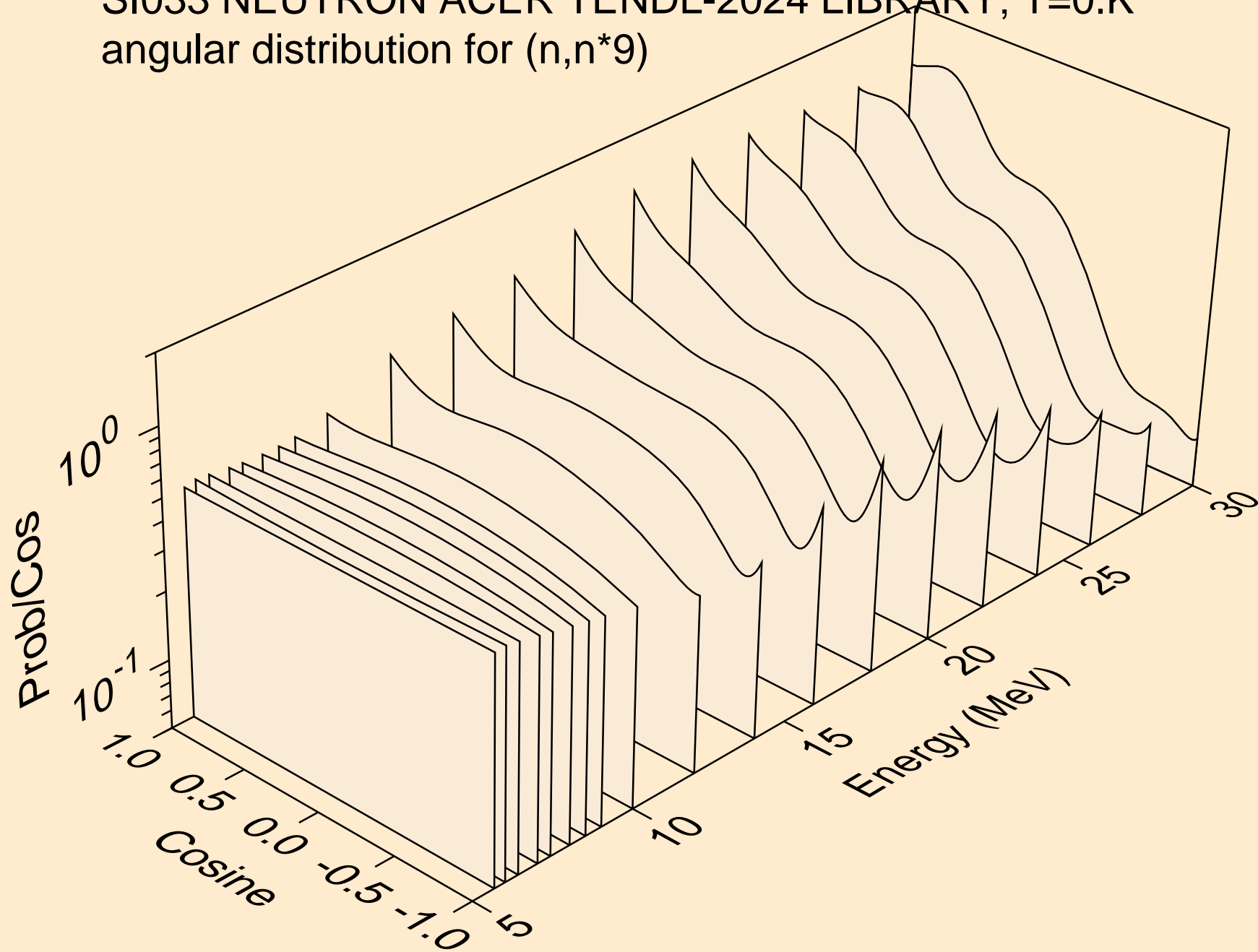
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angular distribution for (n,n\*7)



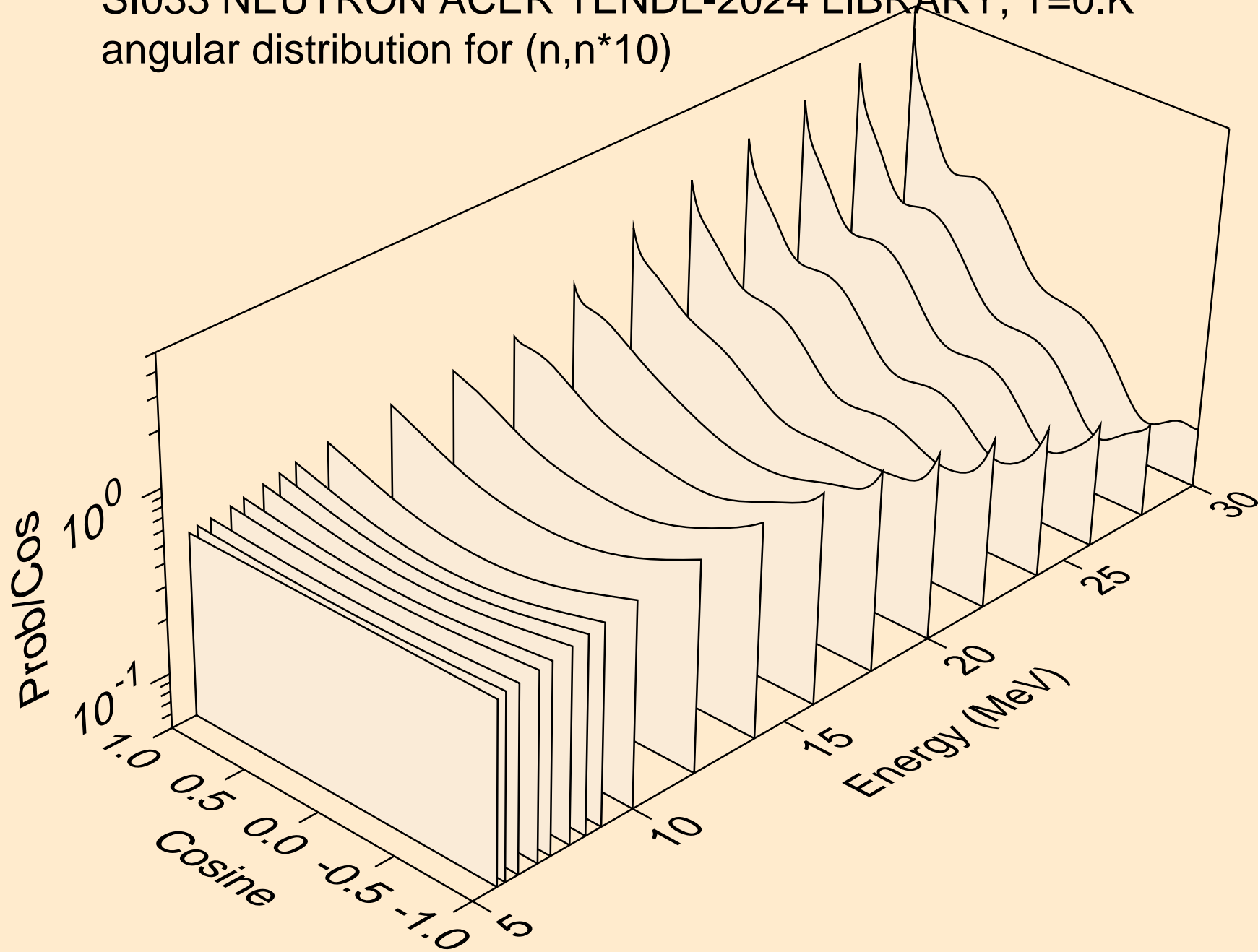
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angular distribution for (n,n\*8)



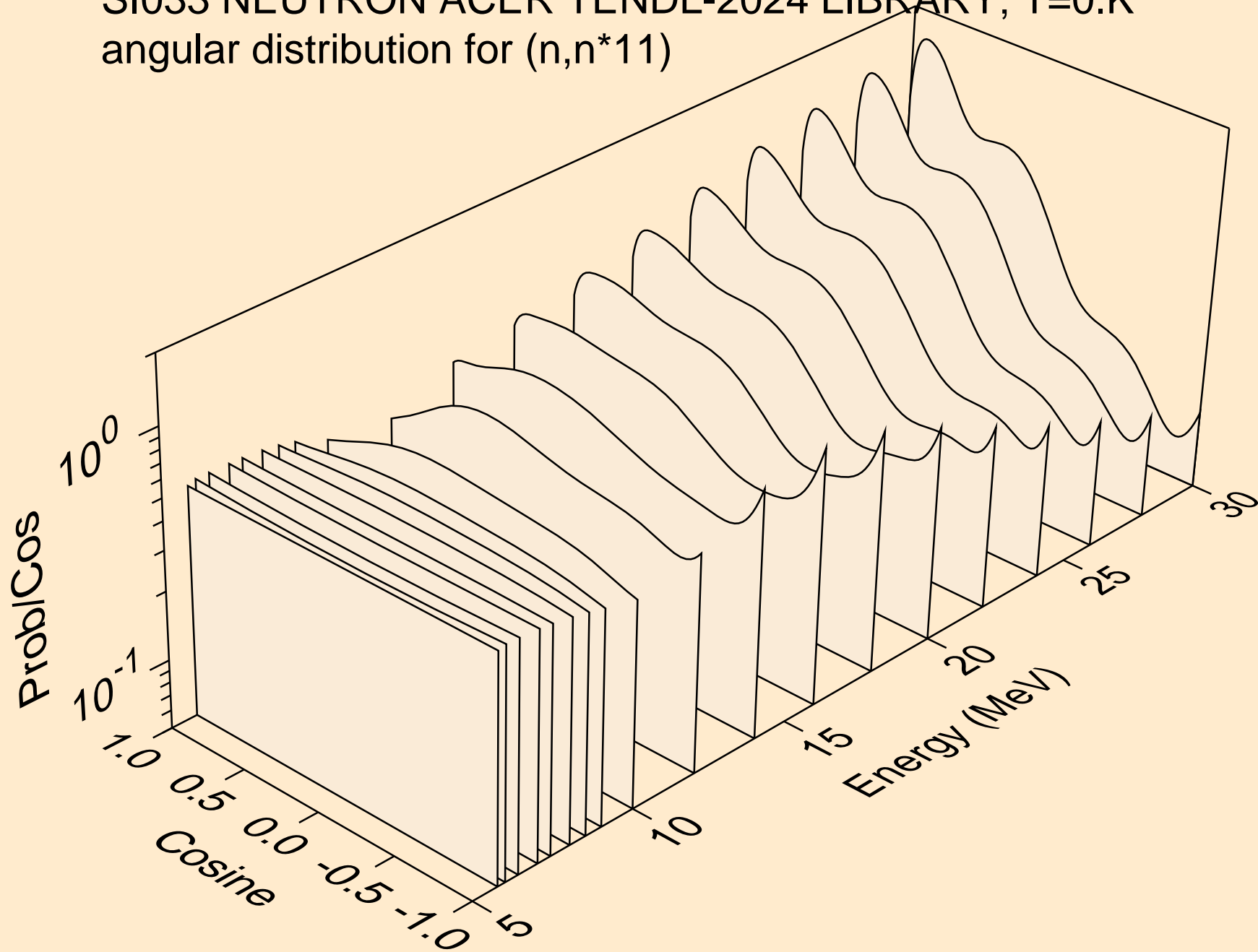
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

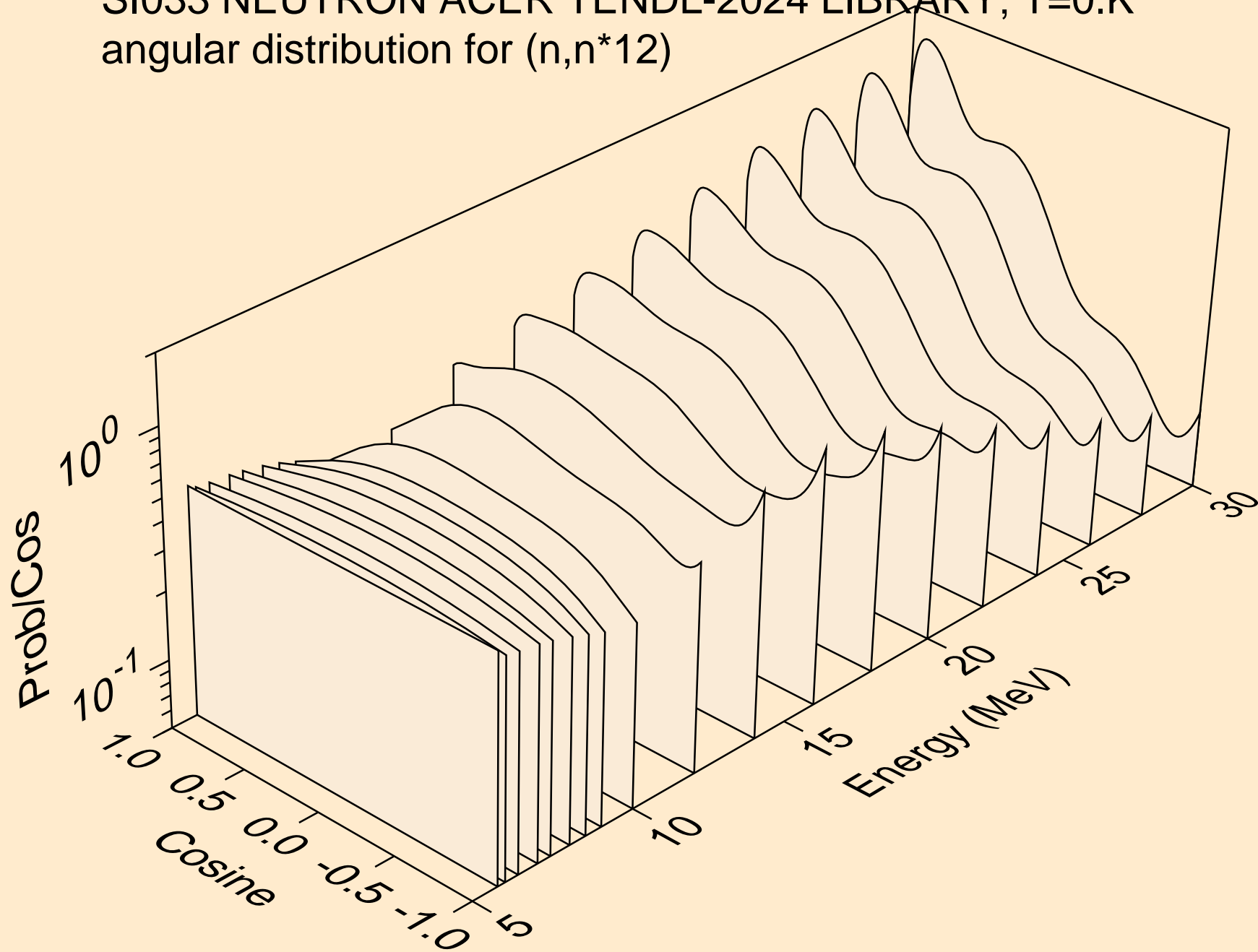


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

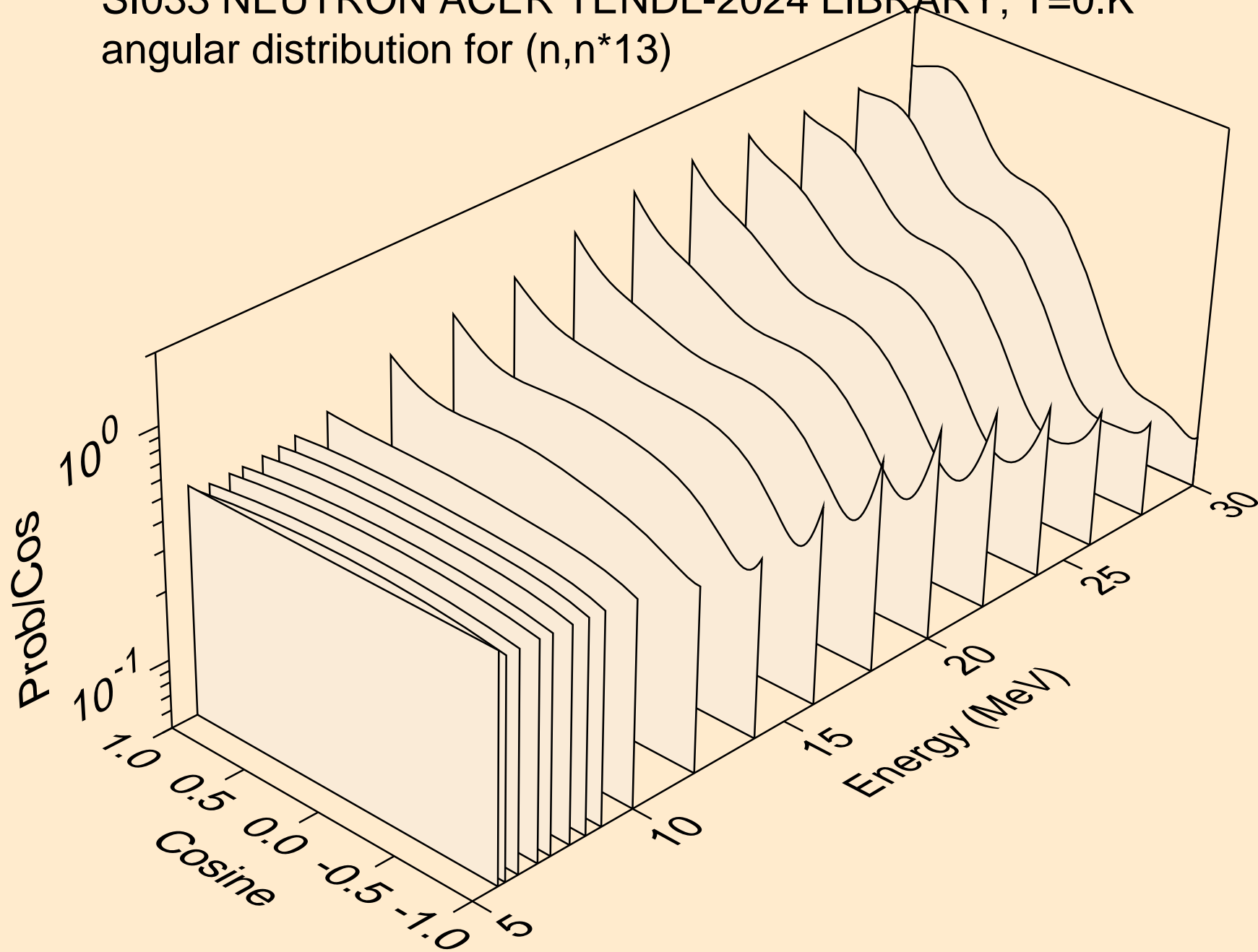




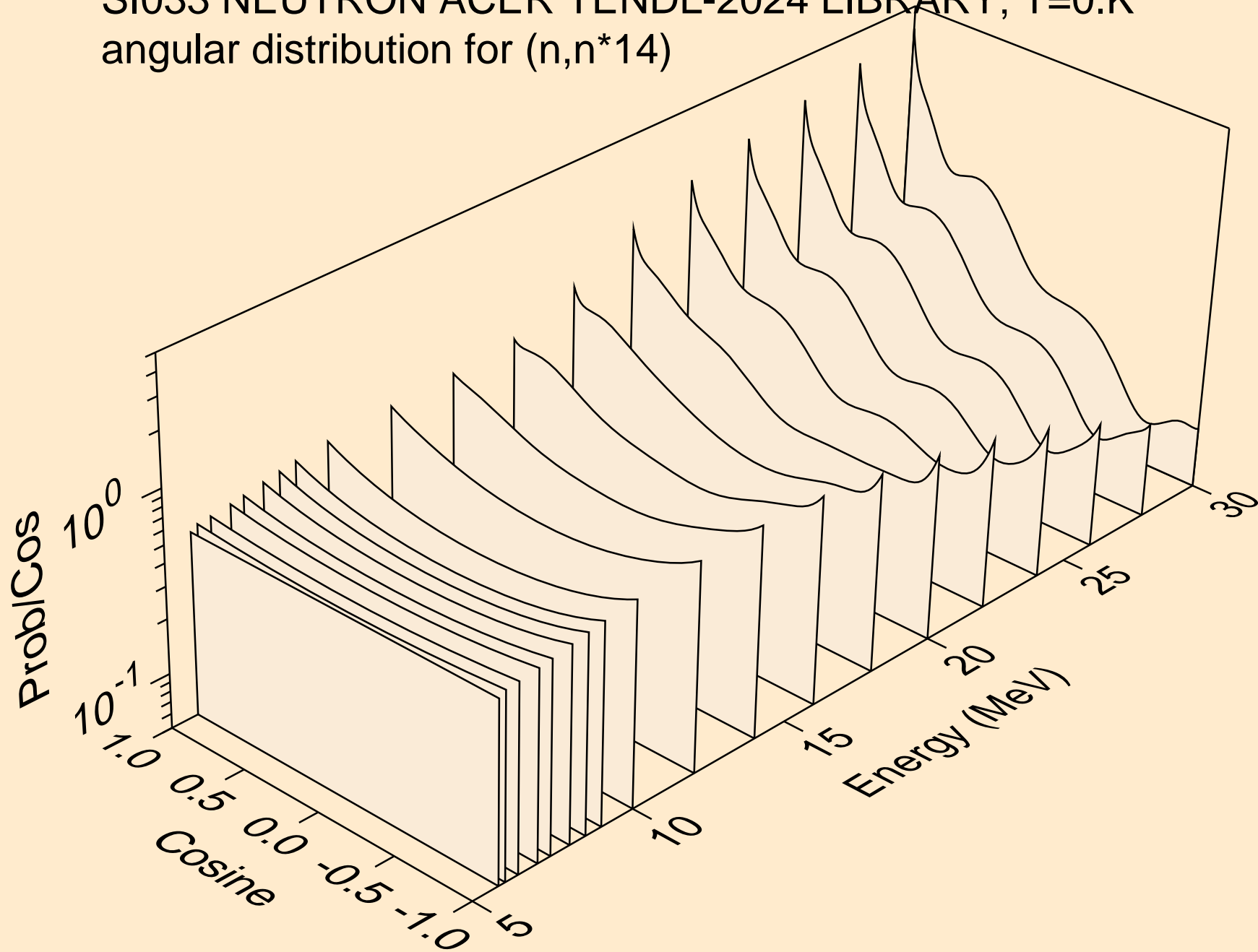
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angular distribution for (n,n\*12)



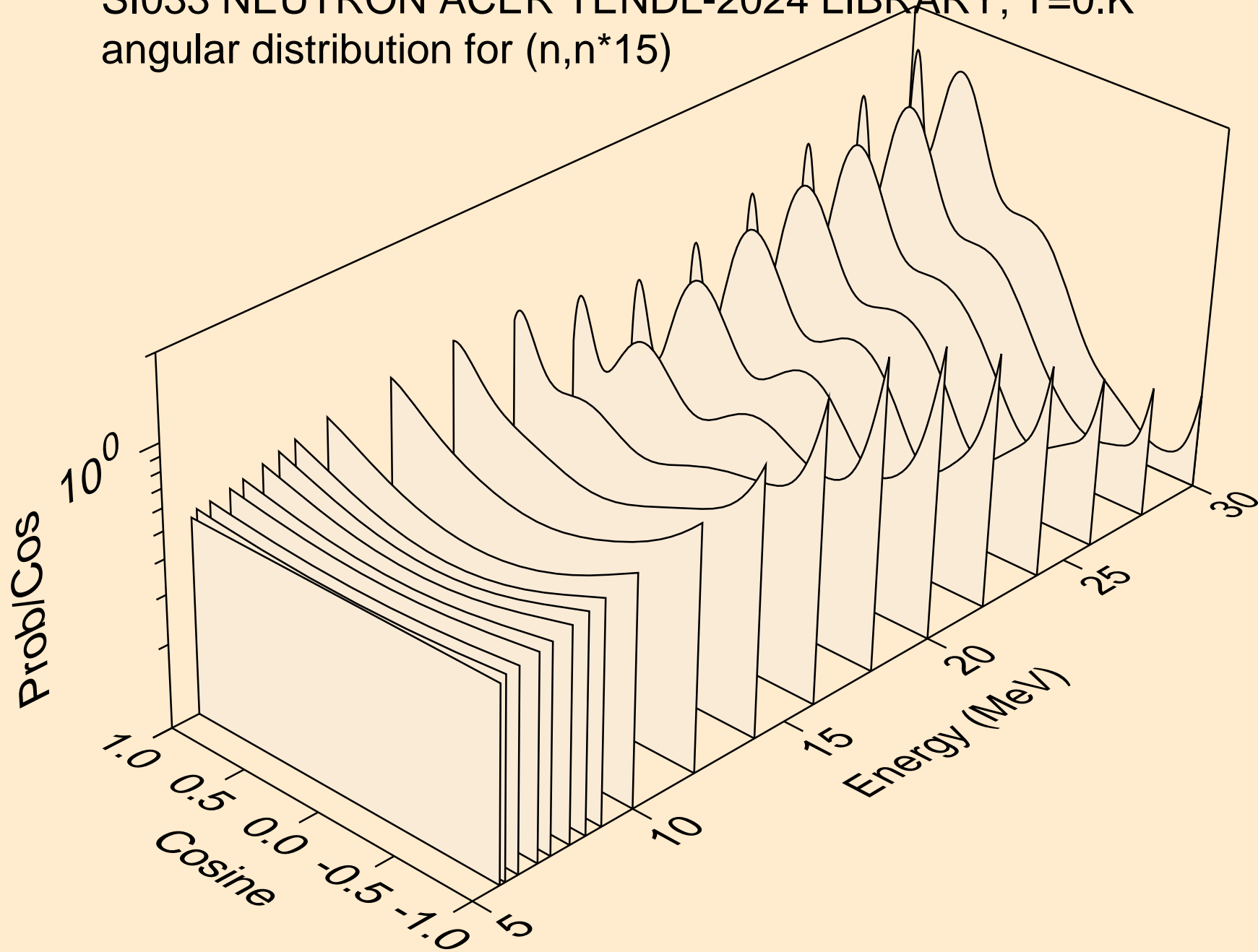
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angular distribution for (n,n\*13)



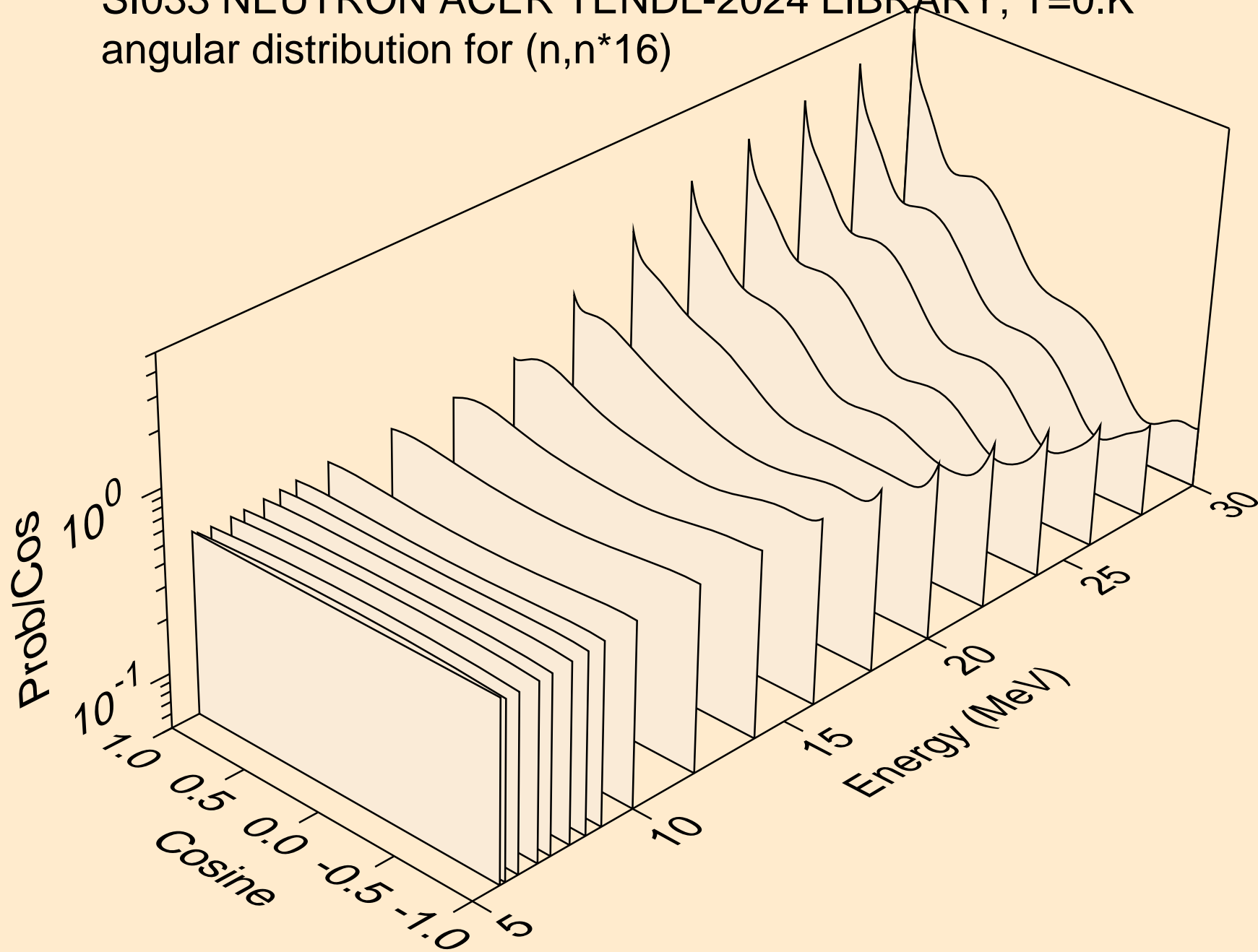
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angular distribution for (n,n\*14)



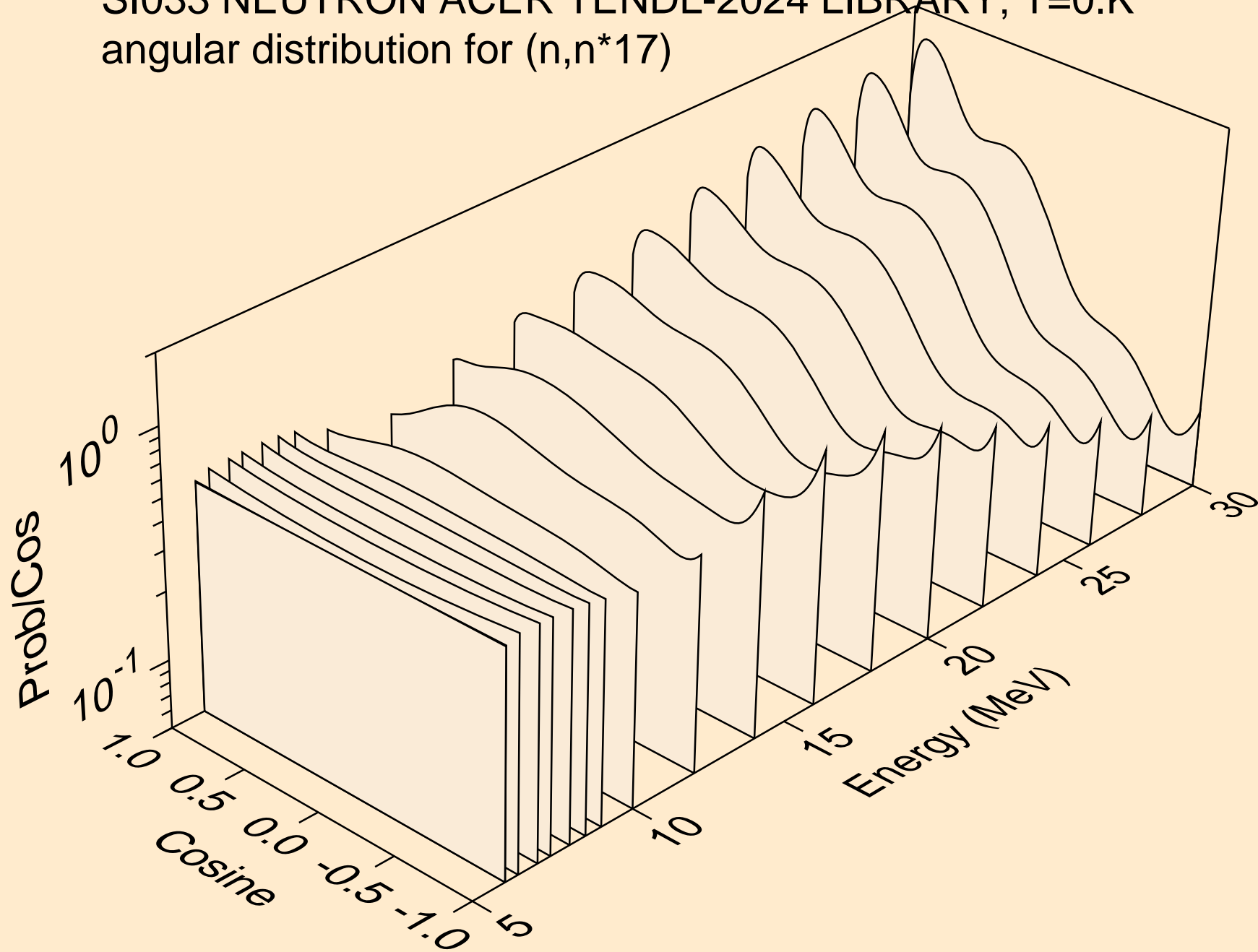
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angular distribution for (n,n\*15)



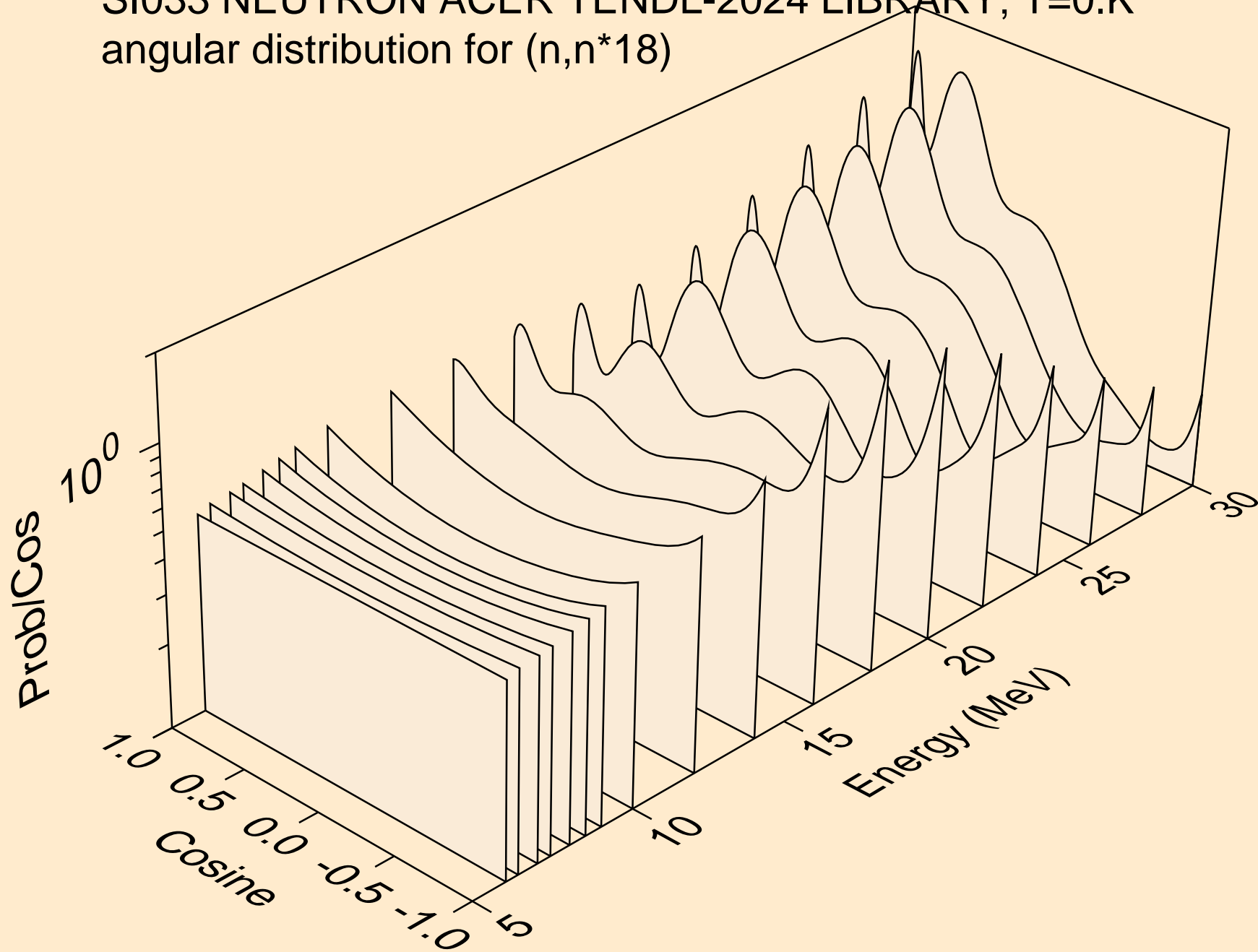
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angular distribution for (n,n\*16)



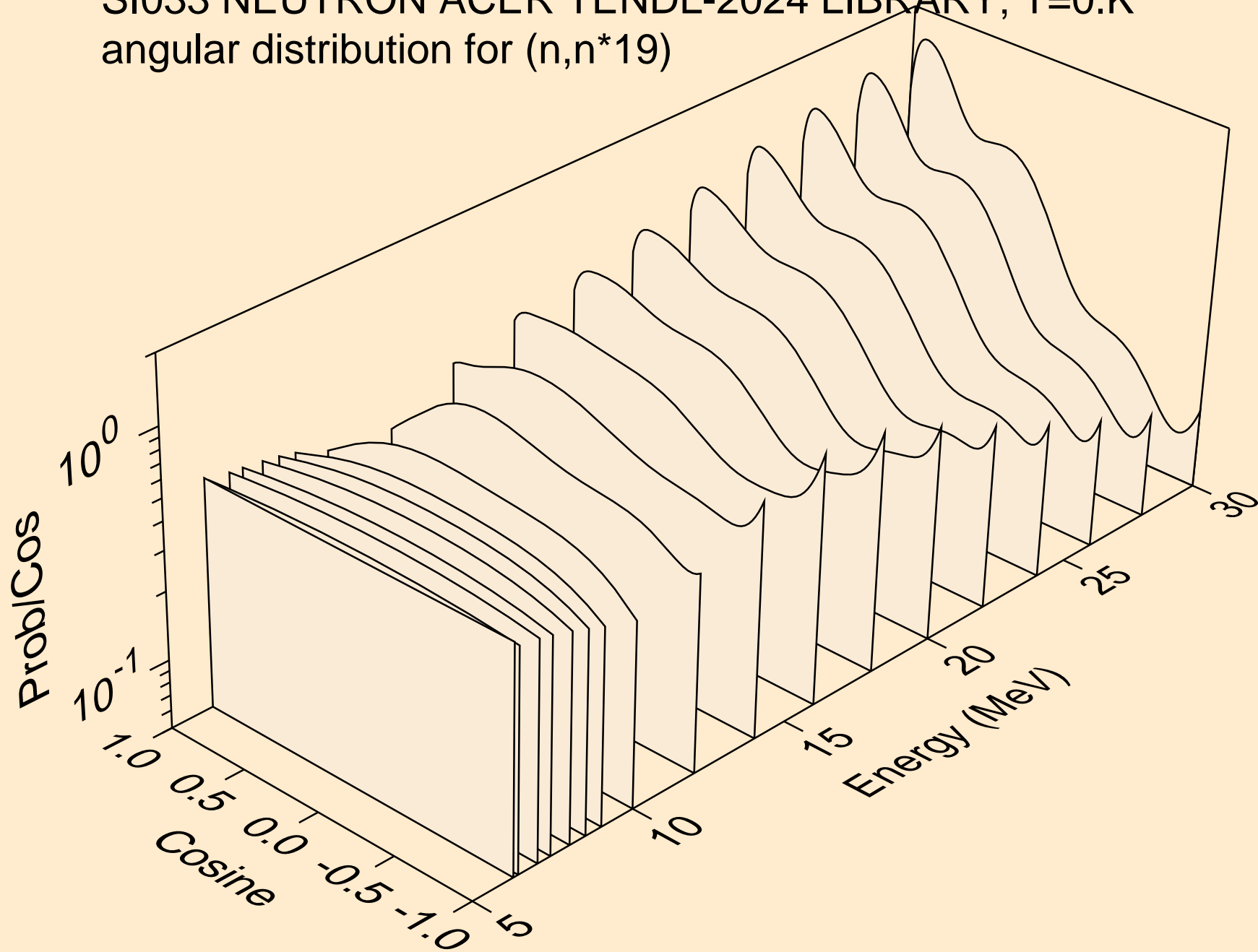
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

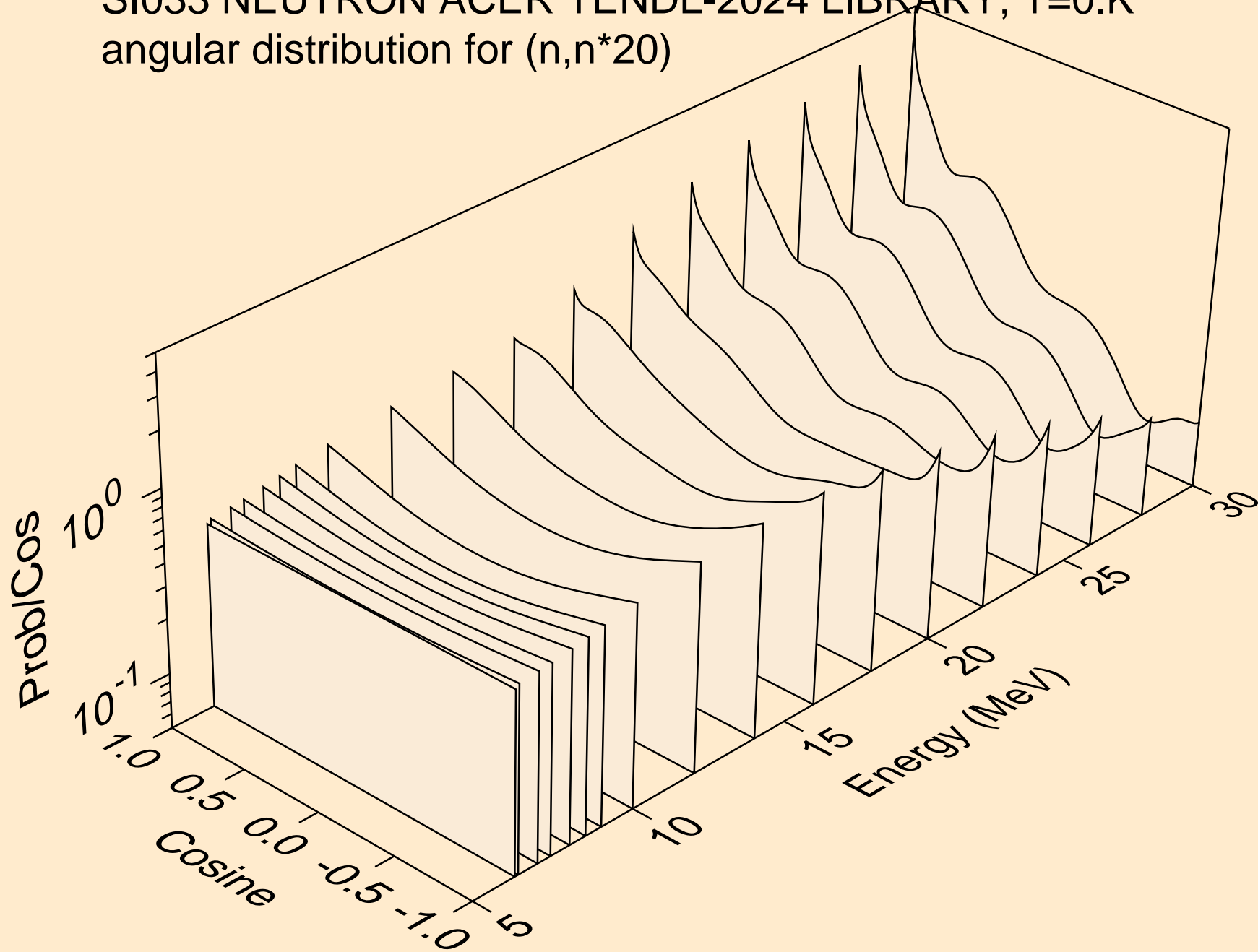


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angular distribution for (n,n\*19)

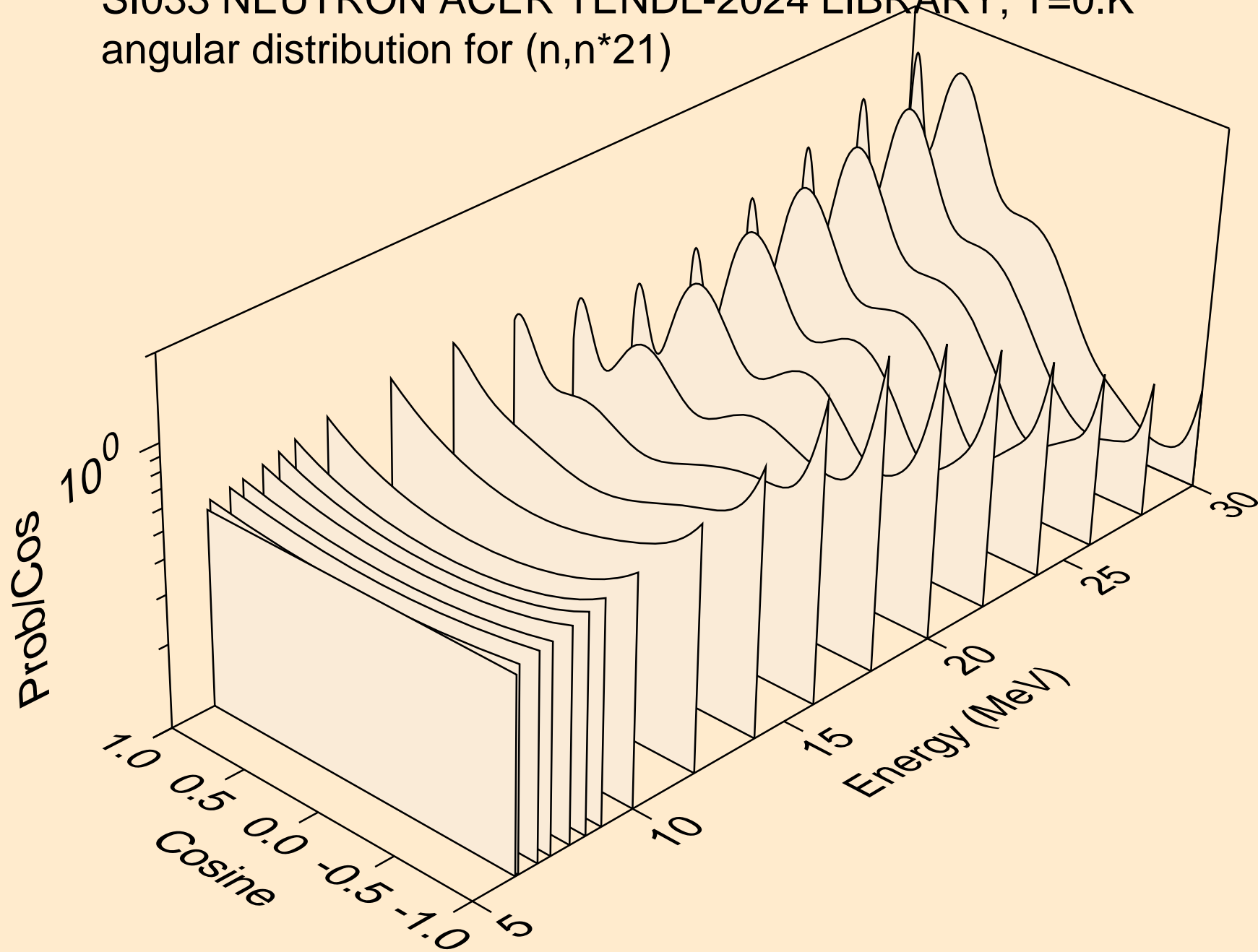




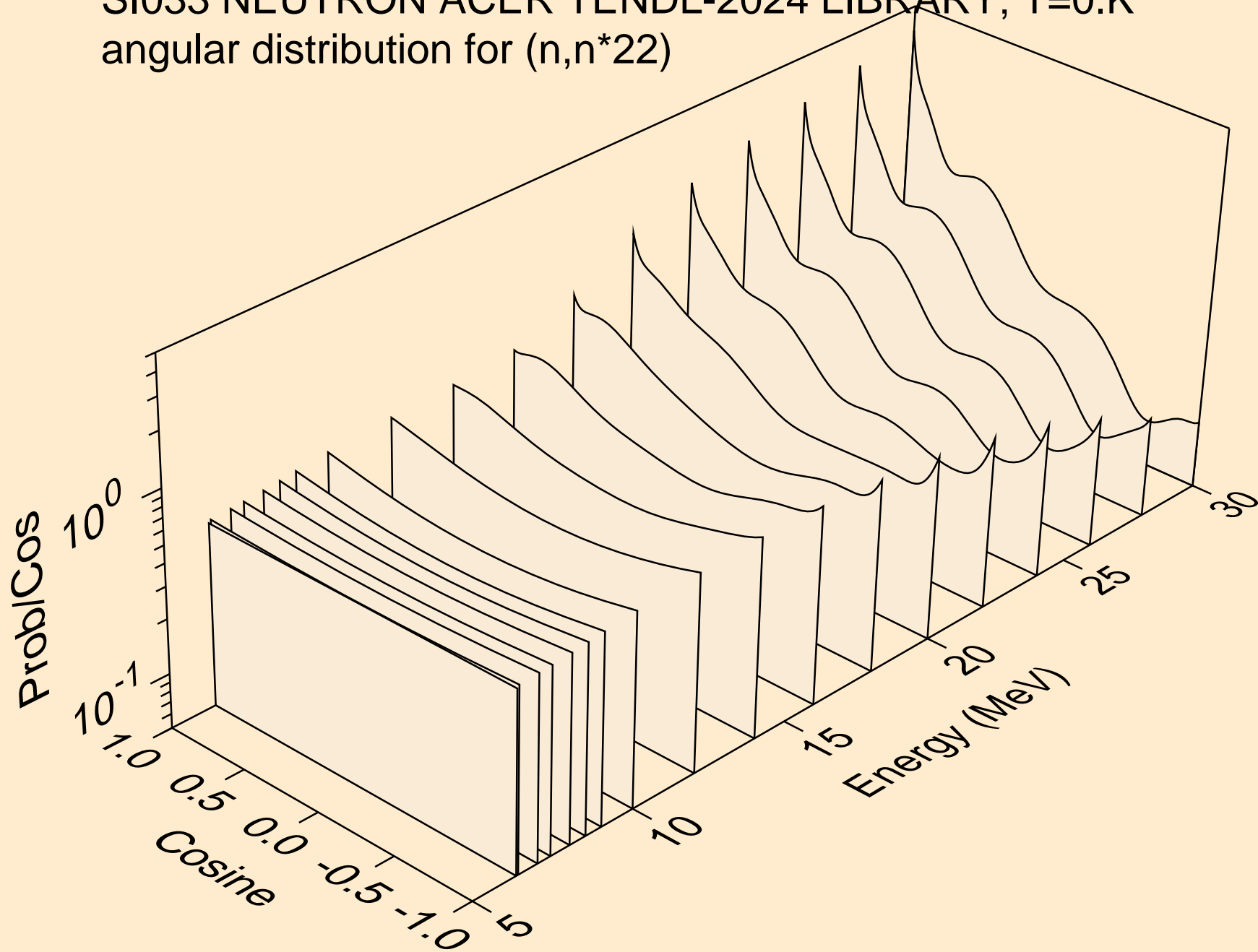
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angular distribution for (n,n\*20)



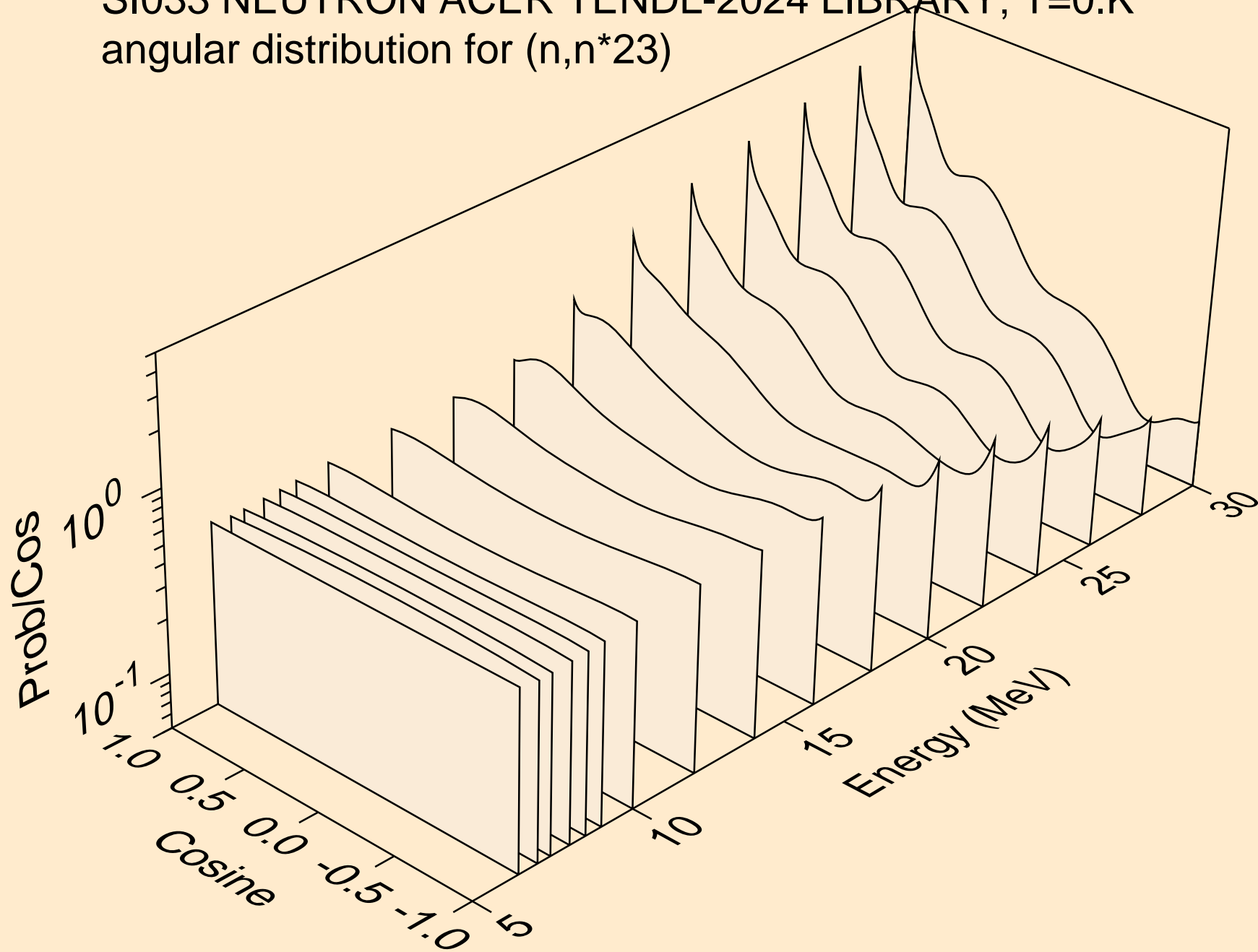
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angular distribution for (n,n\*21)



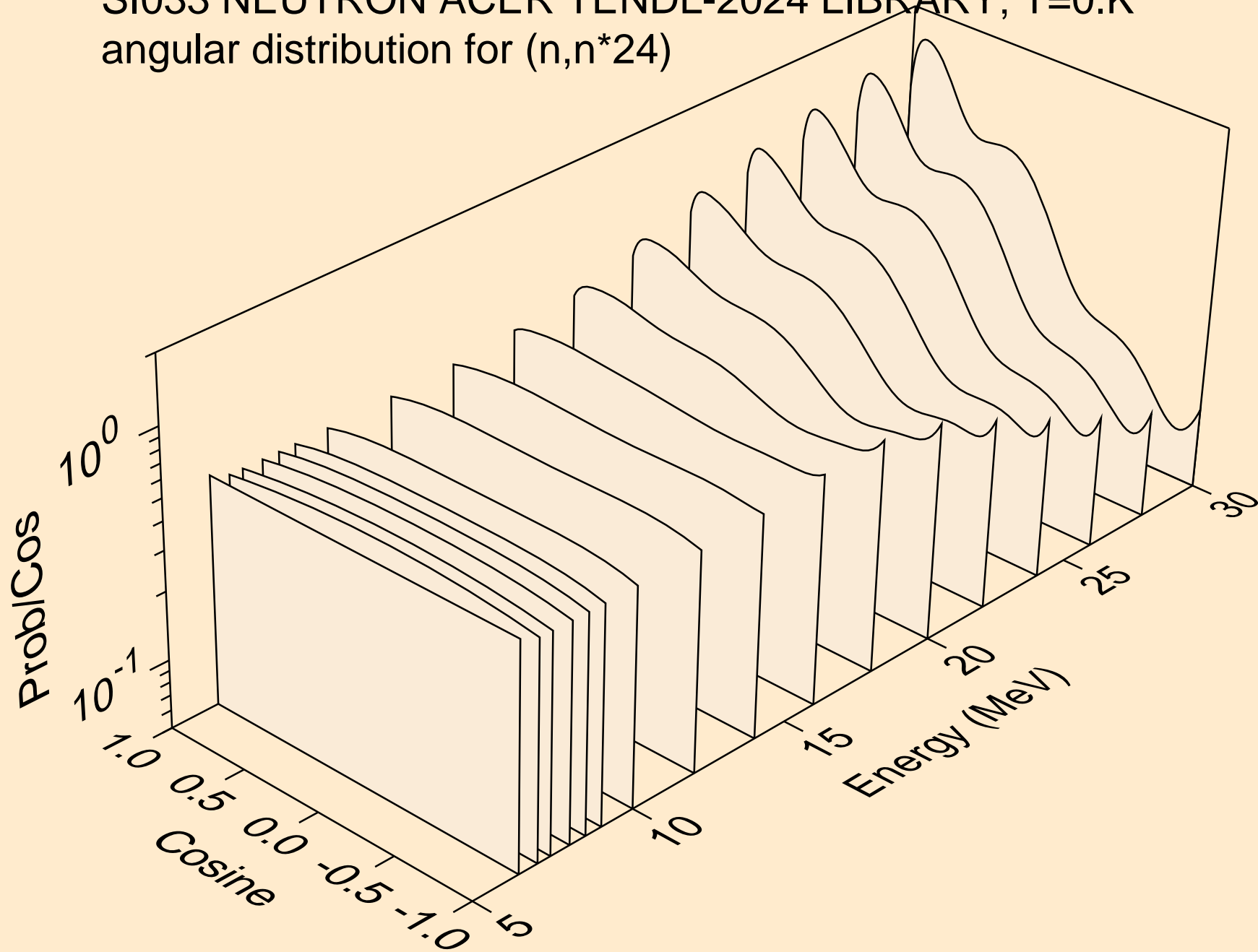
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angular distribution for (n,n\*22)



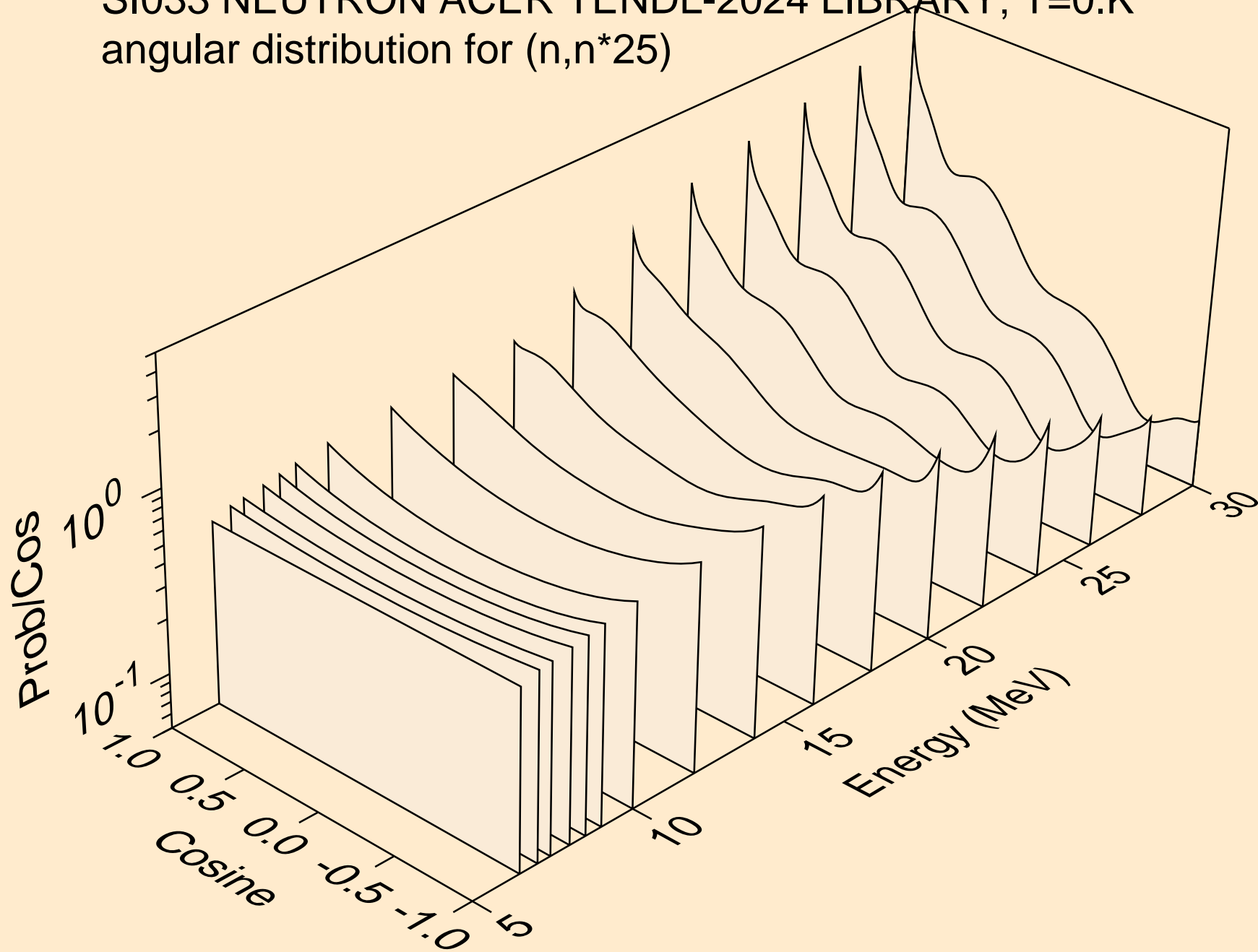
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angular distribution for (n,n\*23)



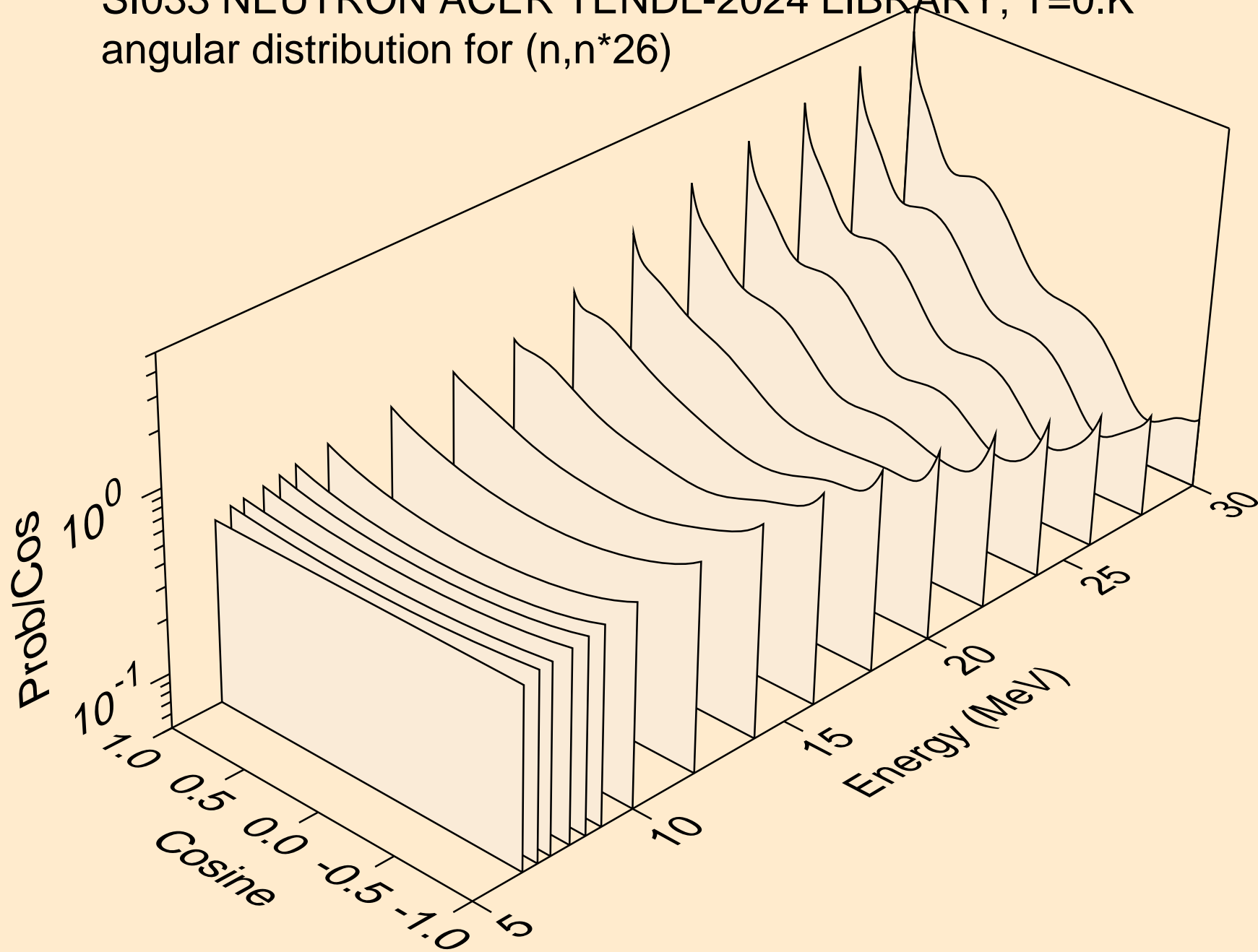
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angular distribution for (n,n\*24)



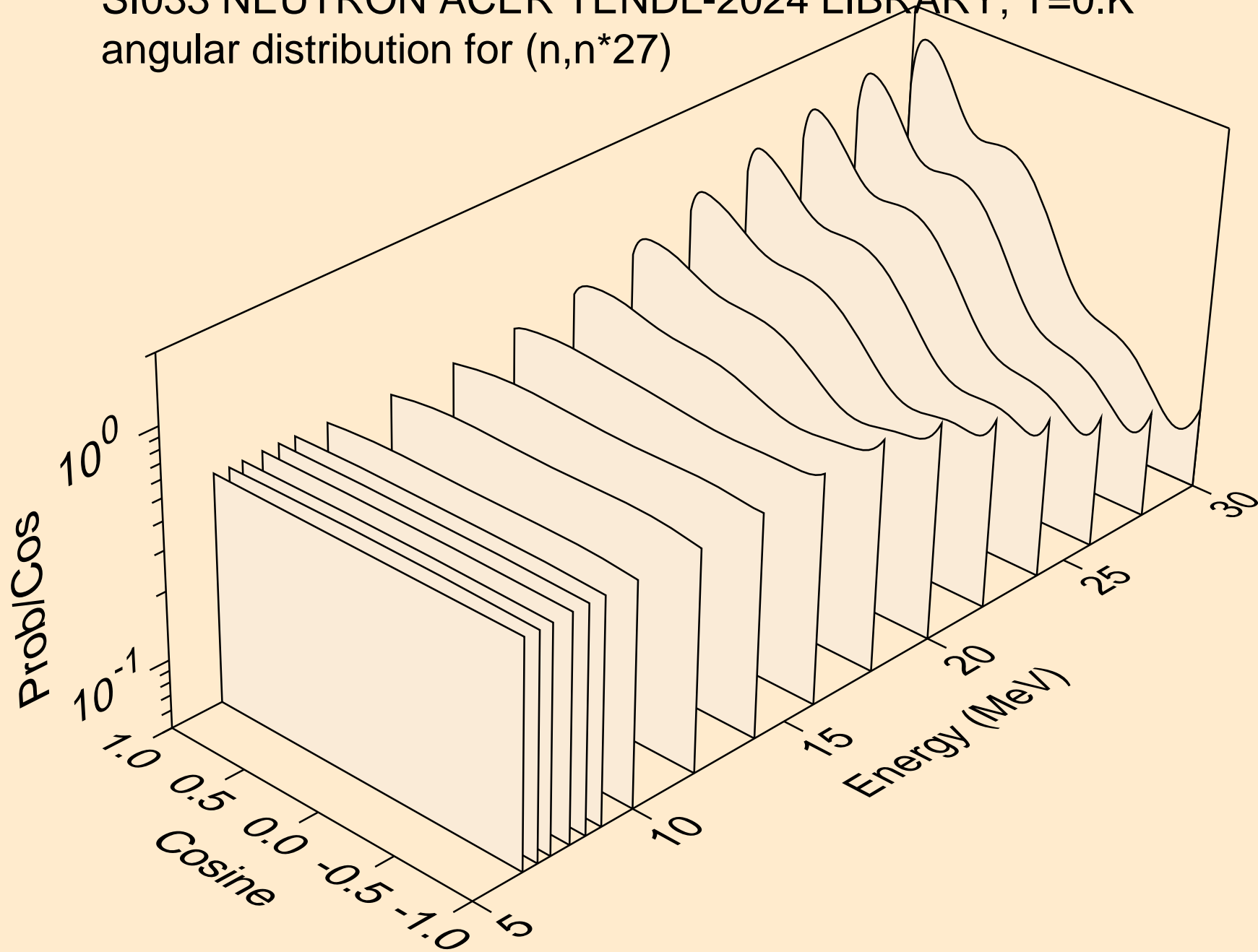
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angular distribution for (n,n\*25)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

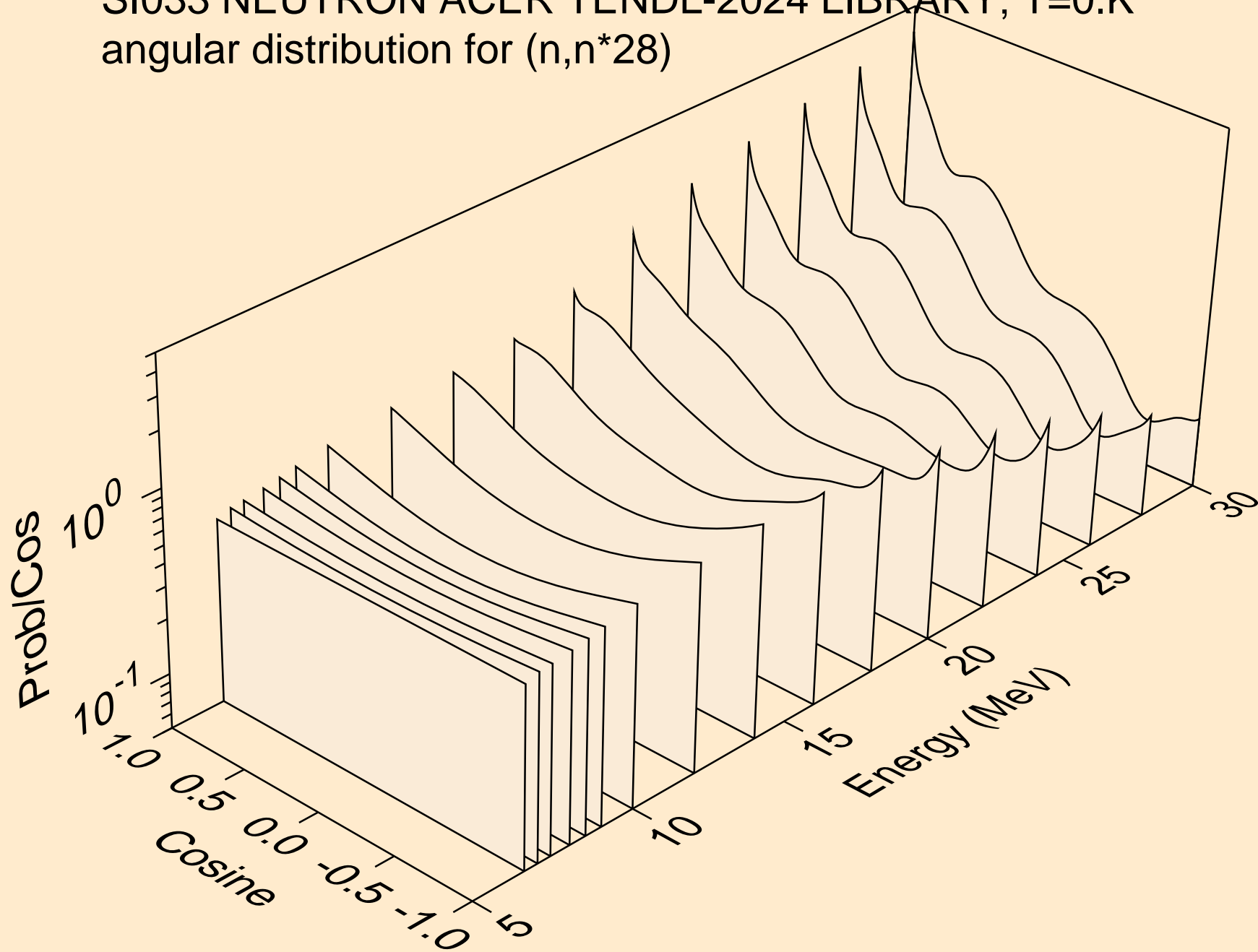


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angular distribution for (n,n\*27)

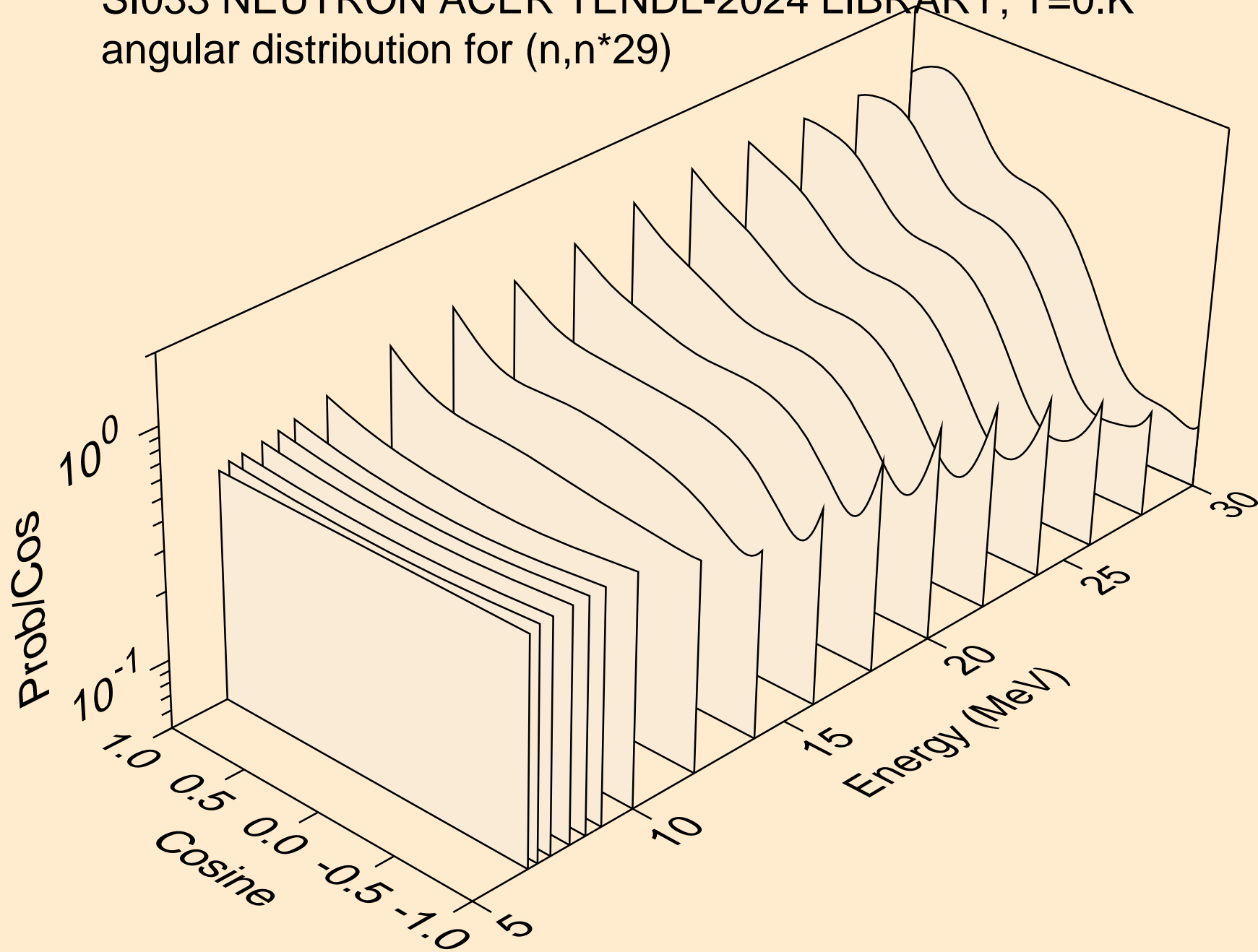




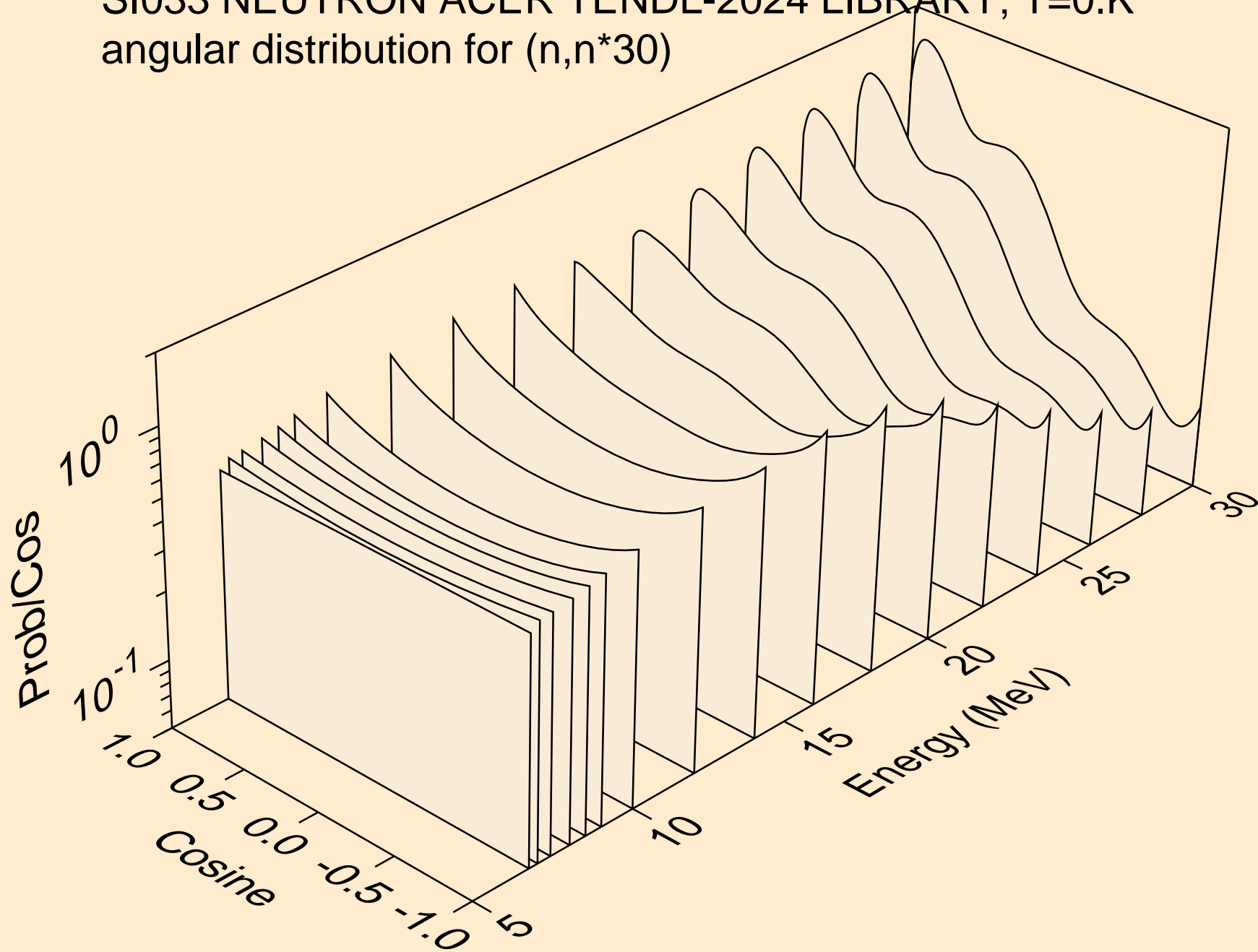
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angular distribution for (n,n\*28)



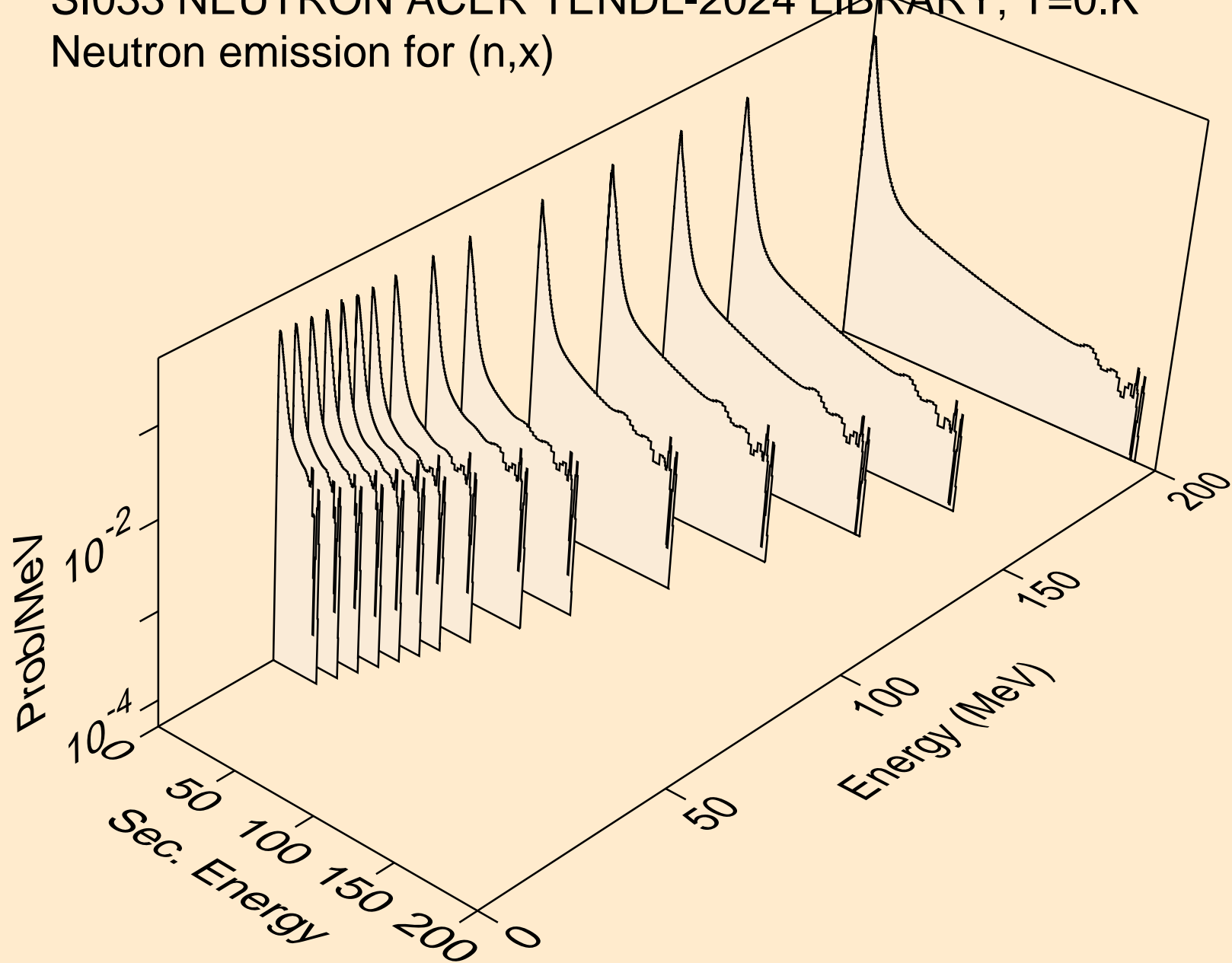
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angular distribution for (n,n\*29)



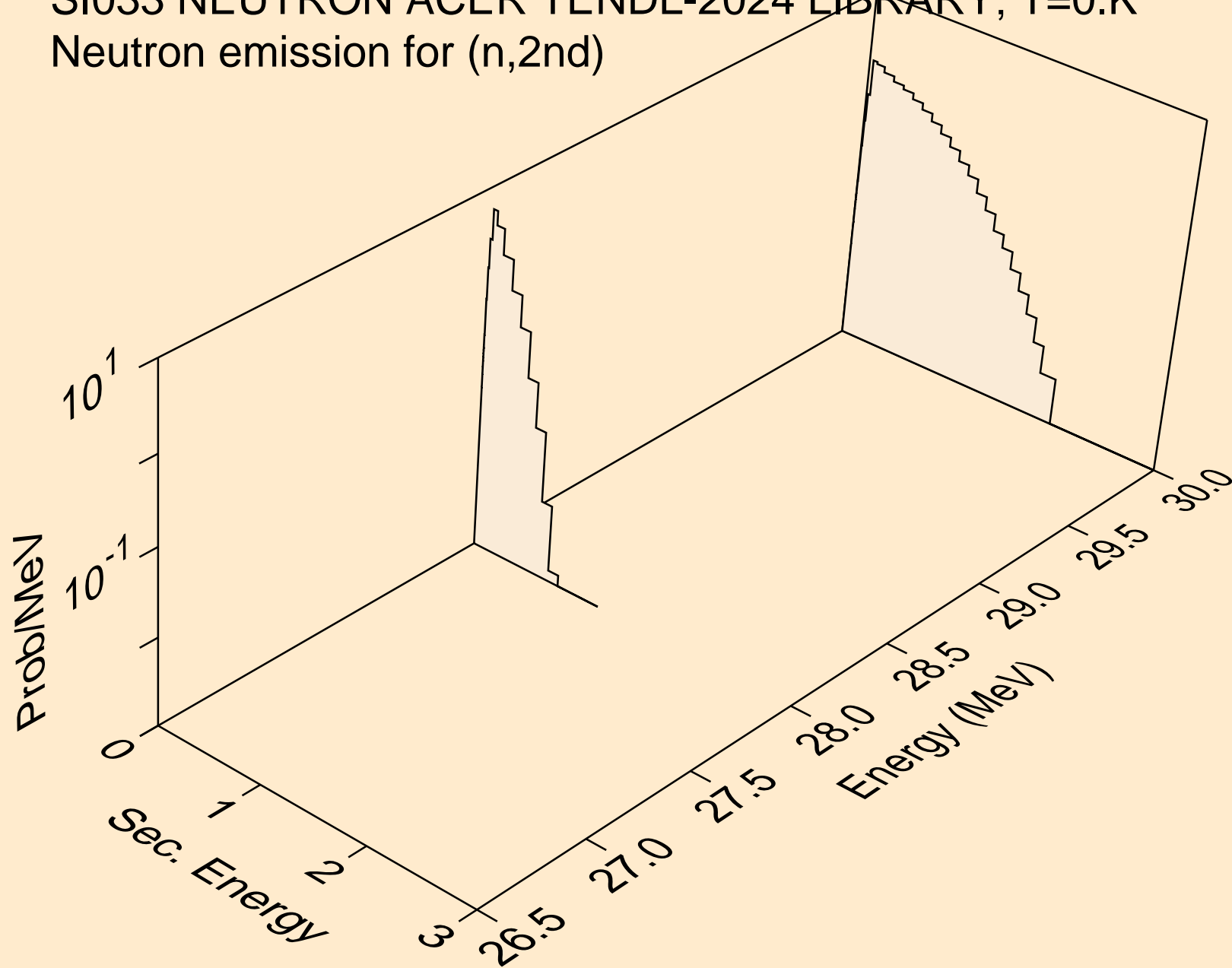
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angular distribution for (n,n\*30)



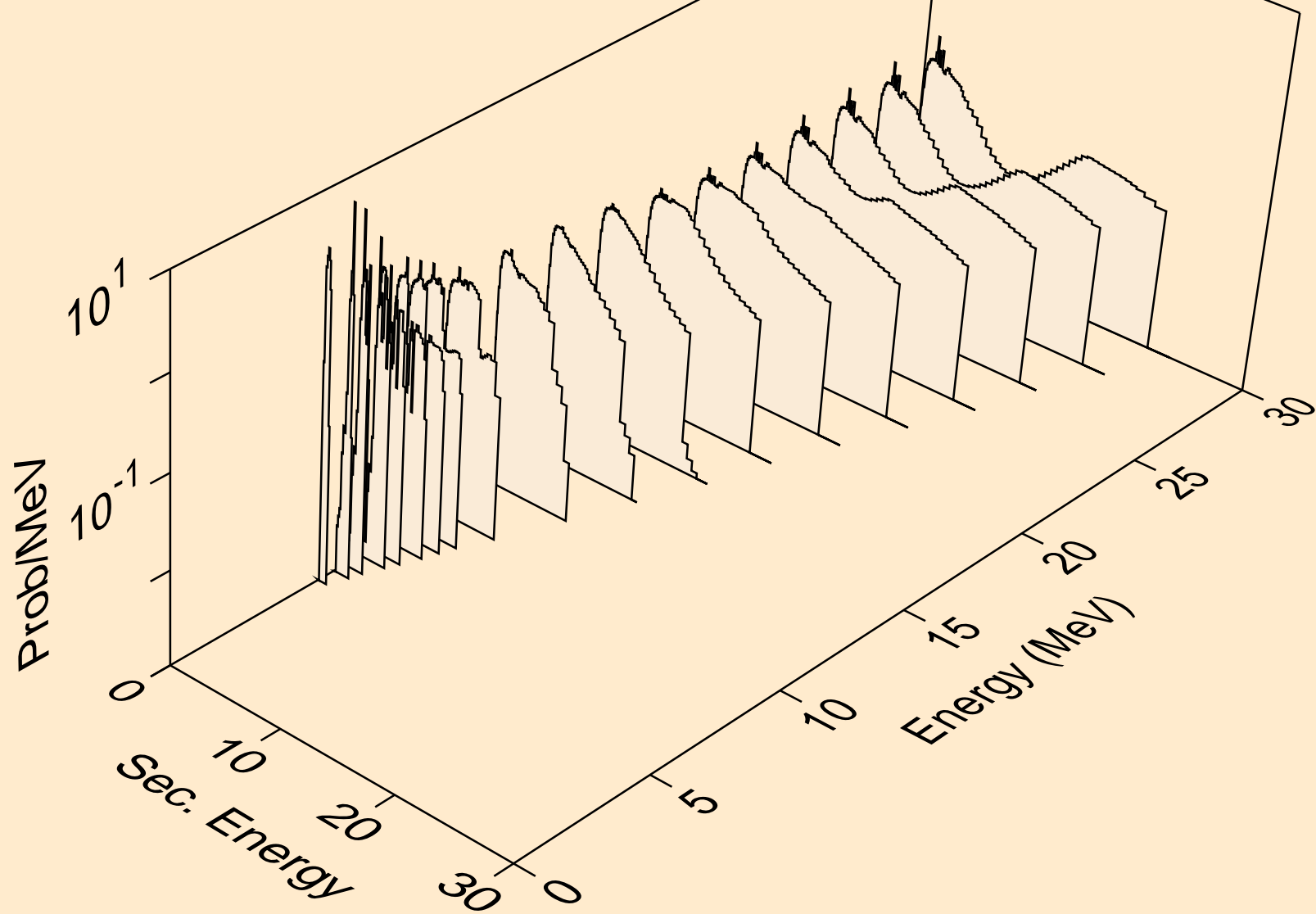
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



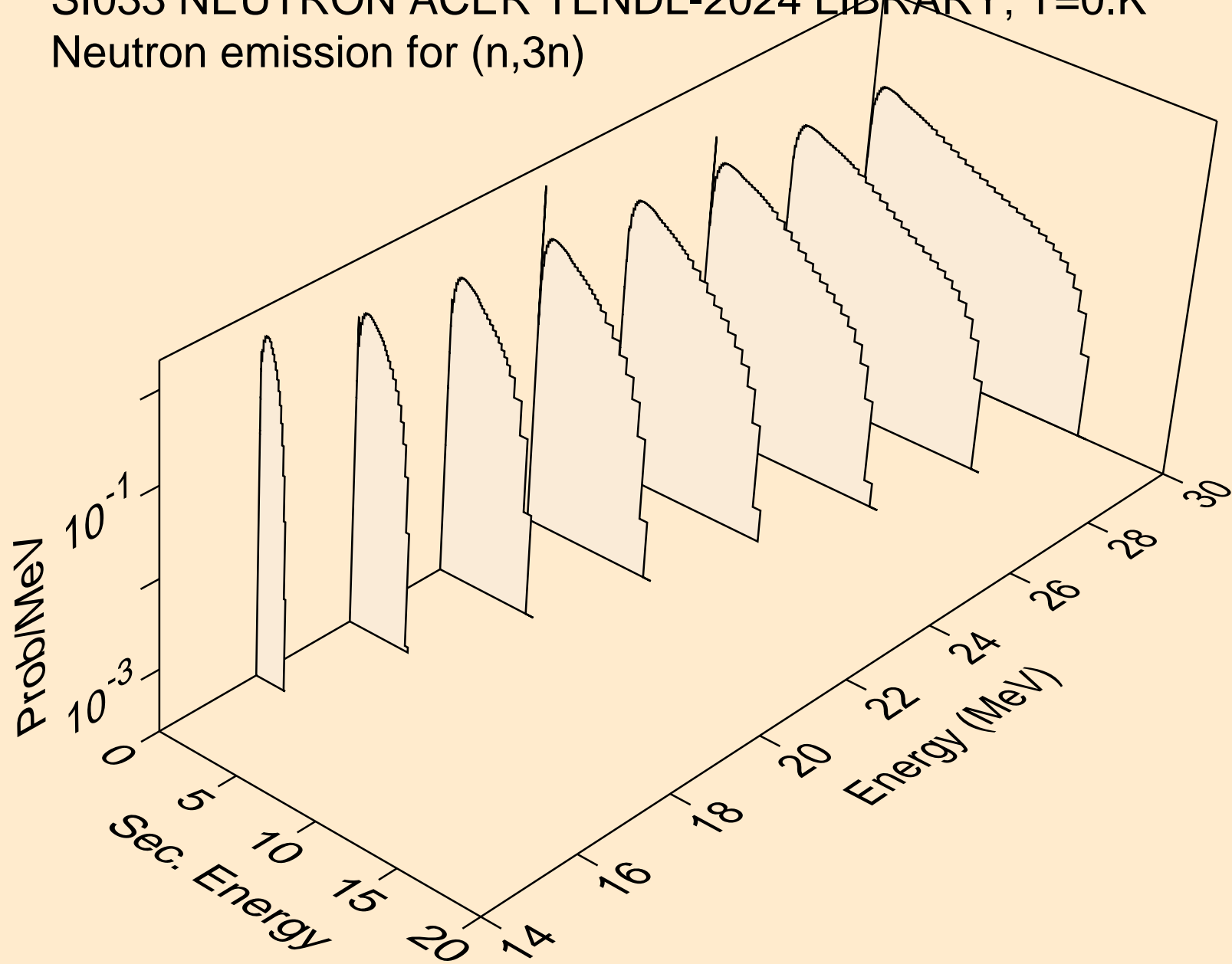
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



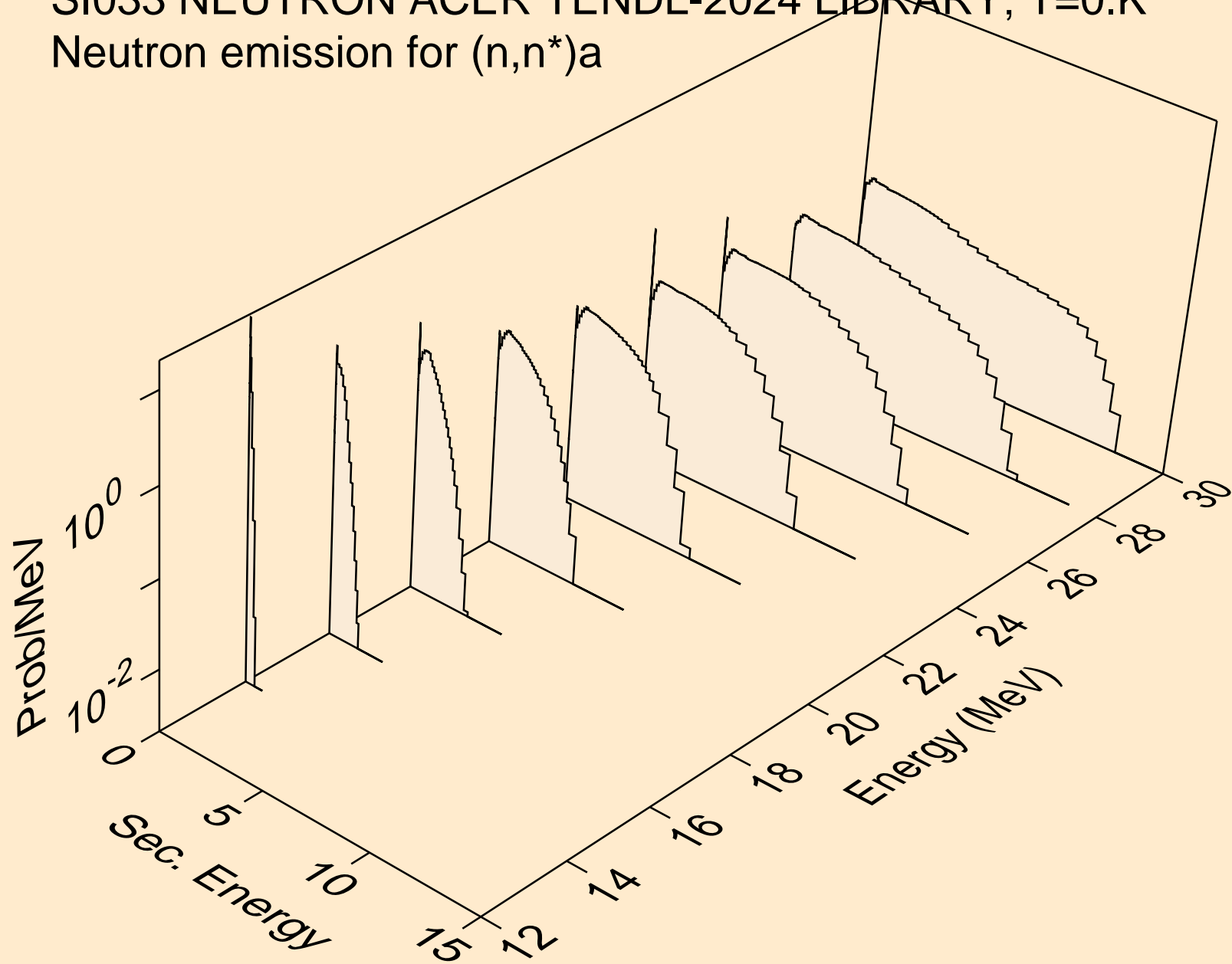
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

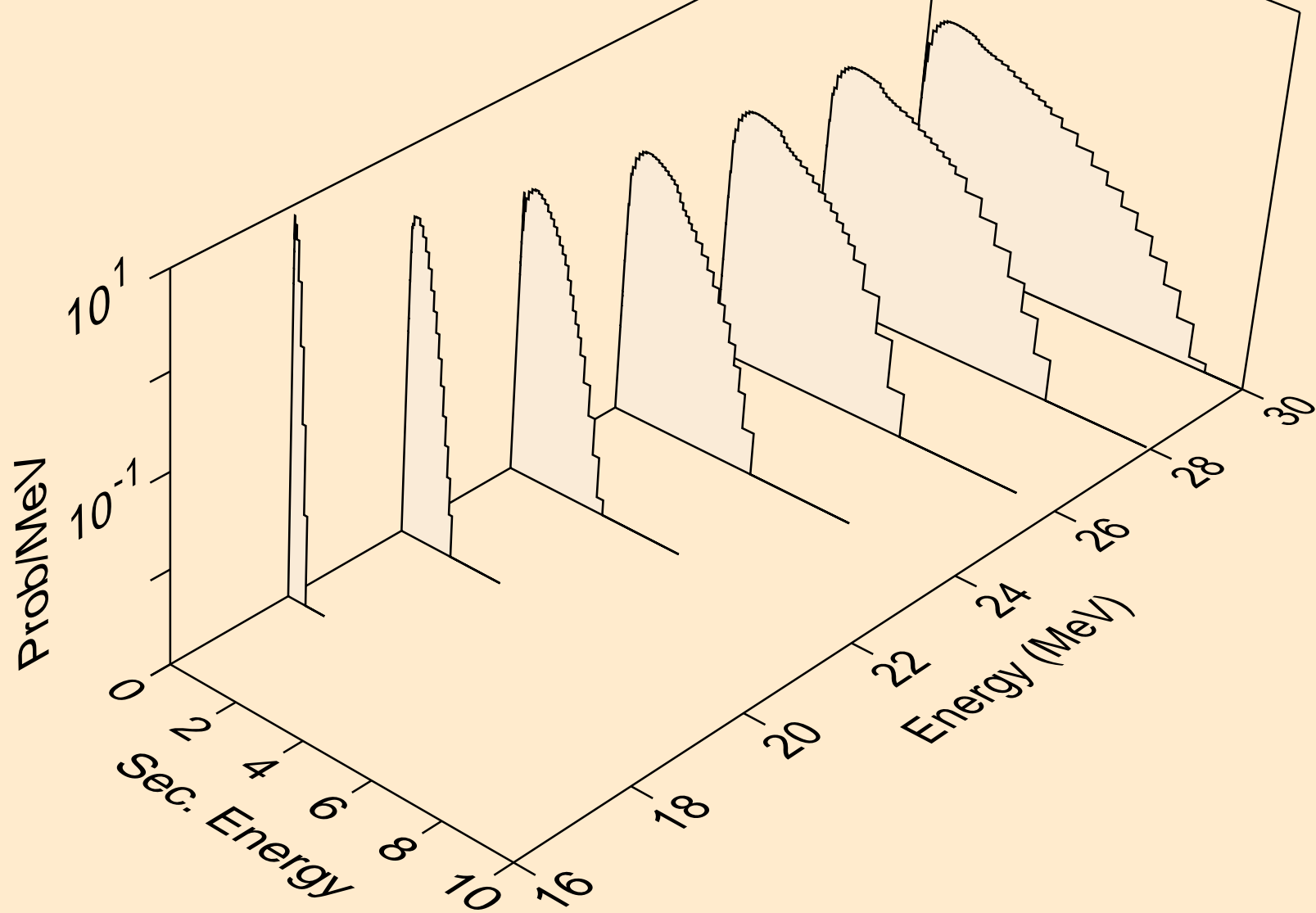


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

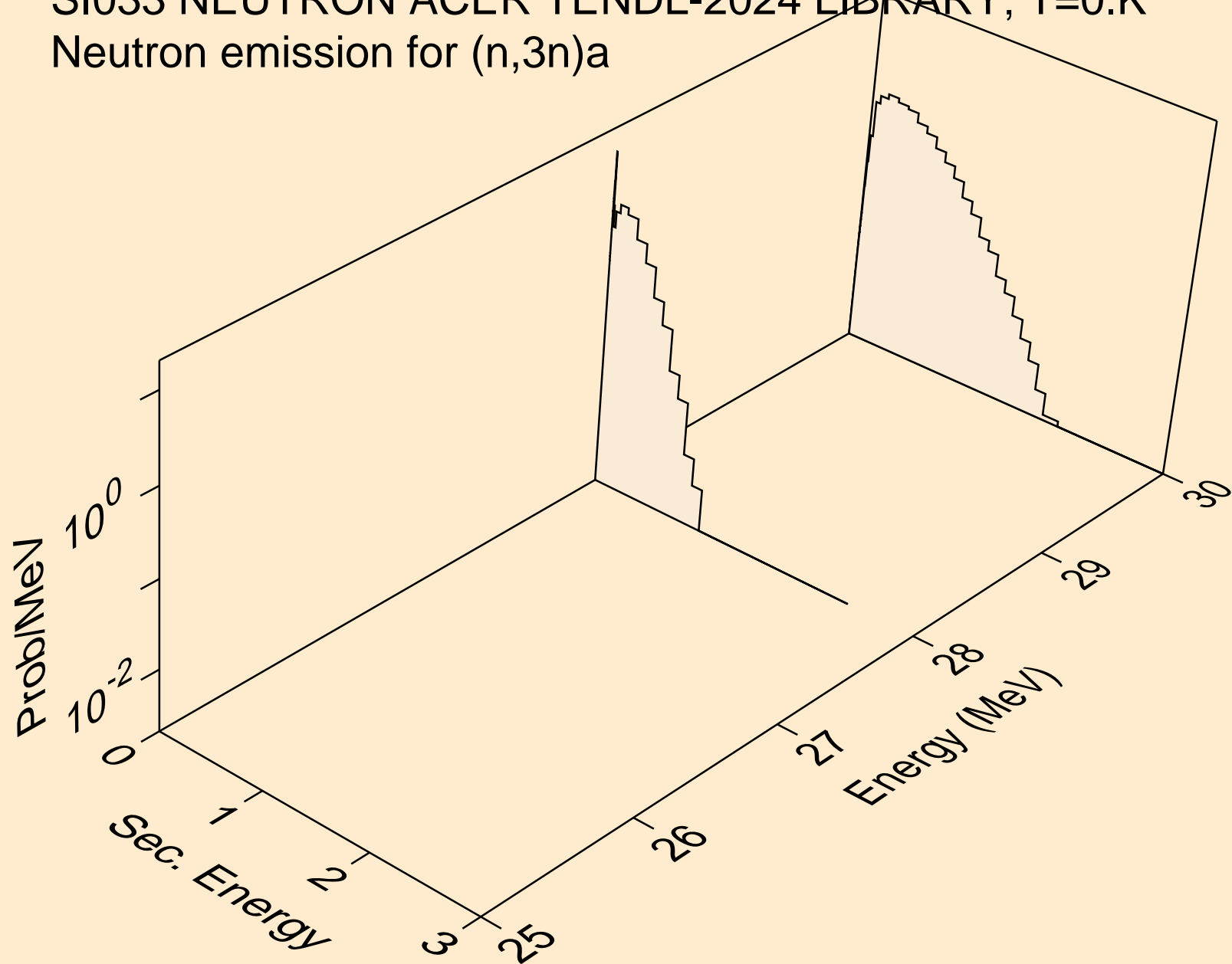




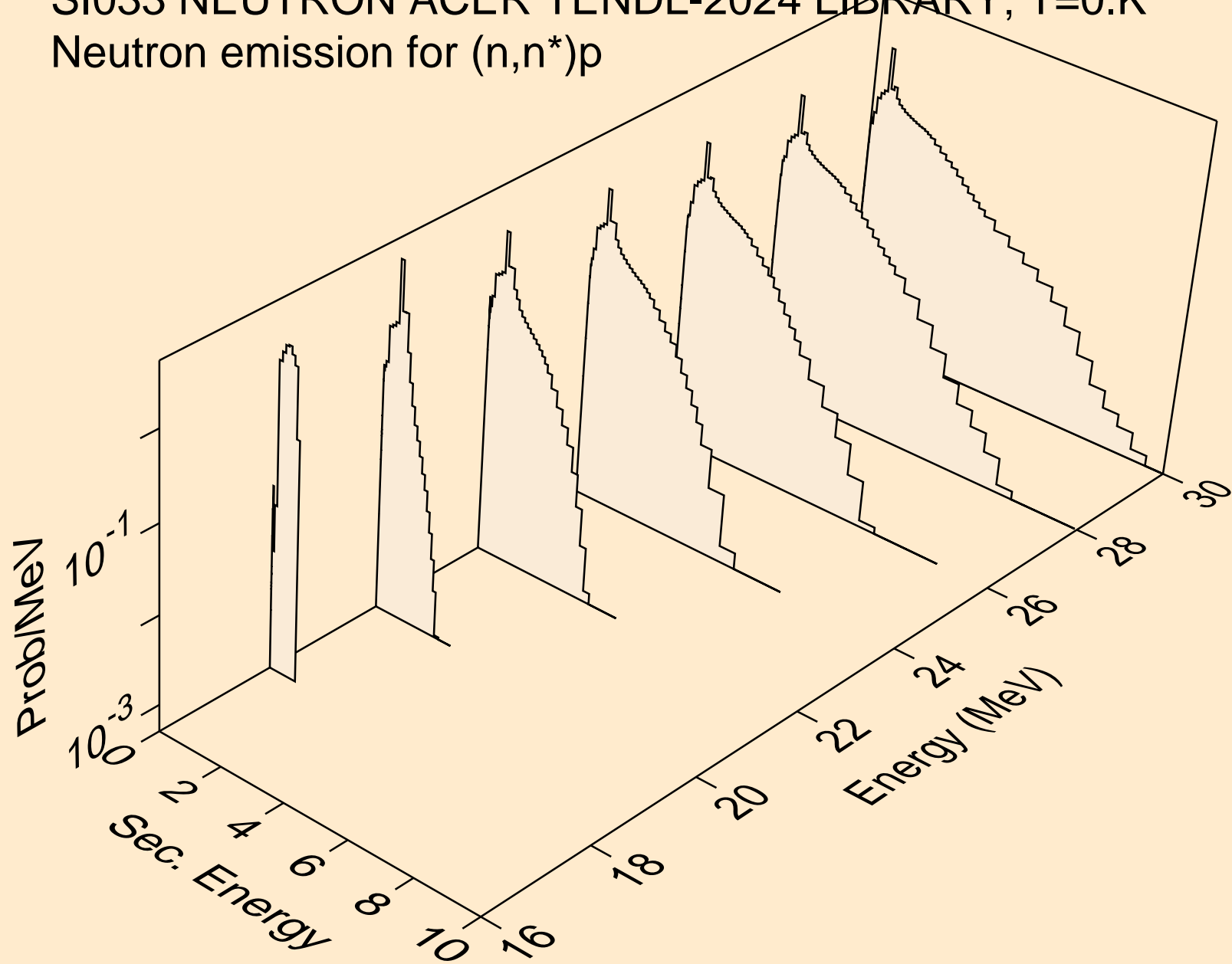
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Neutron emission for (n,2n)a



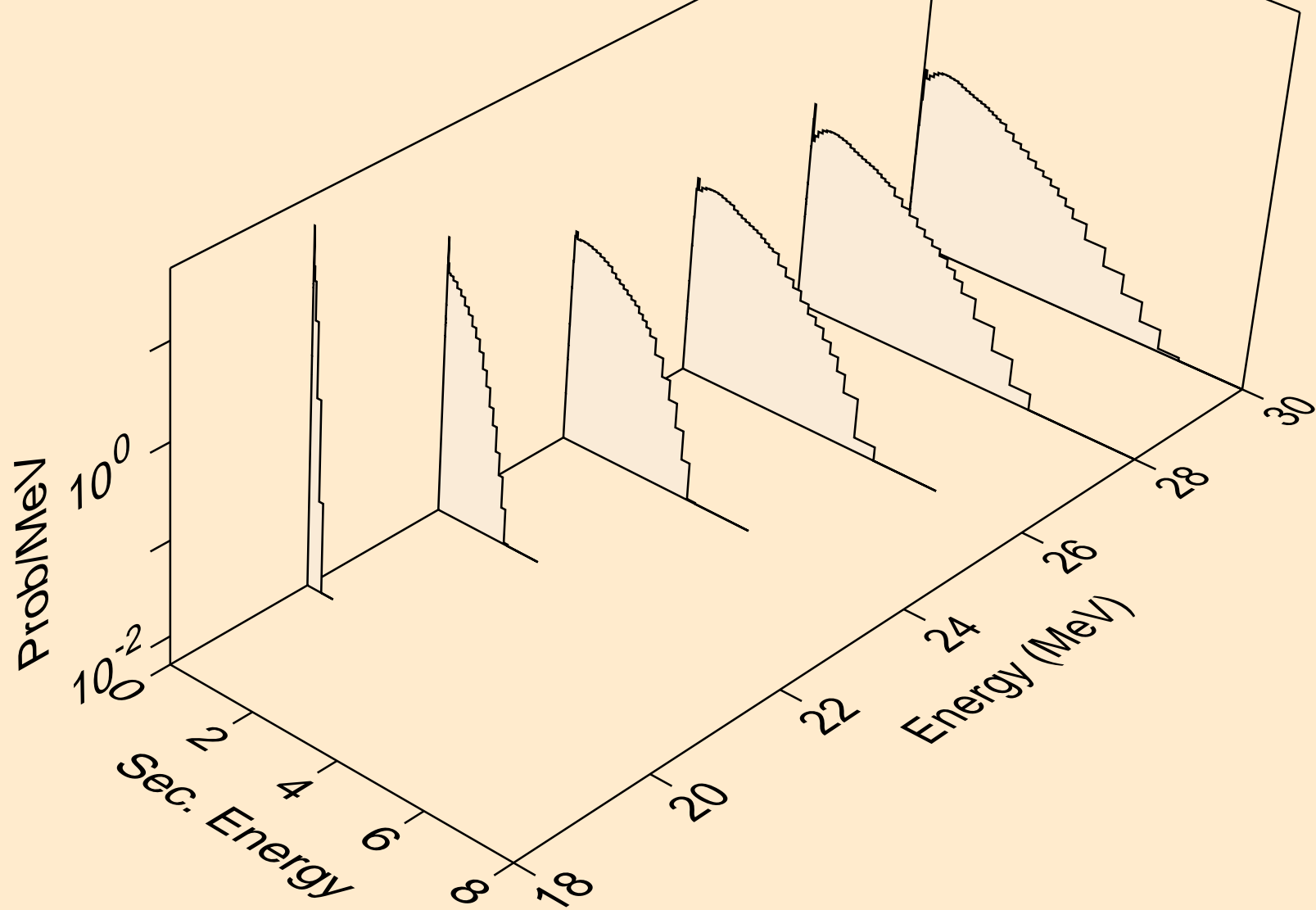
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



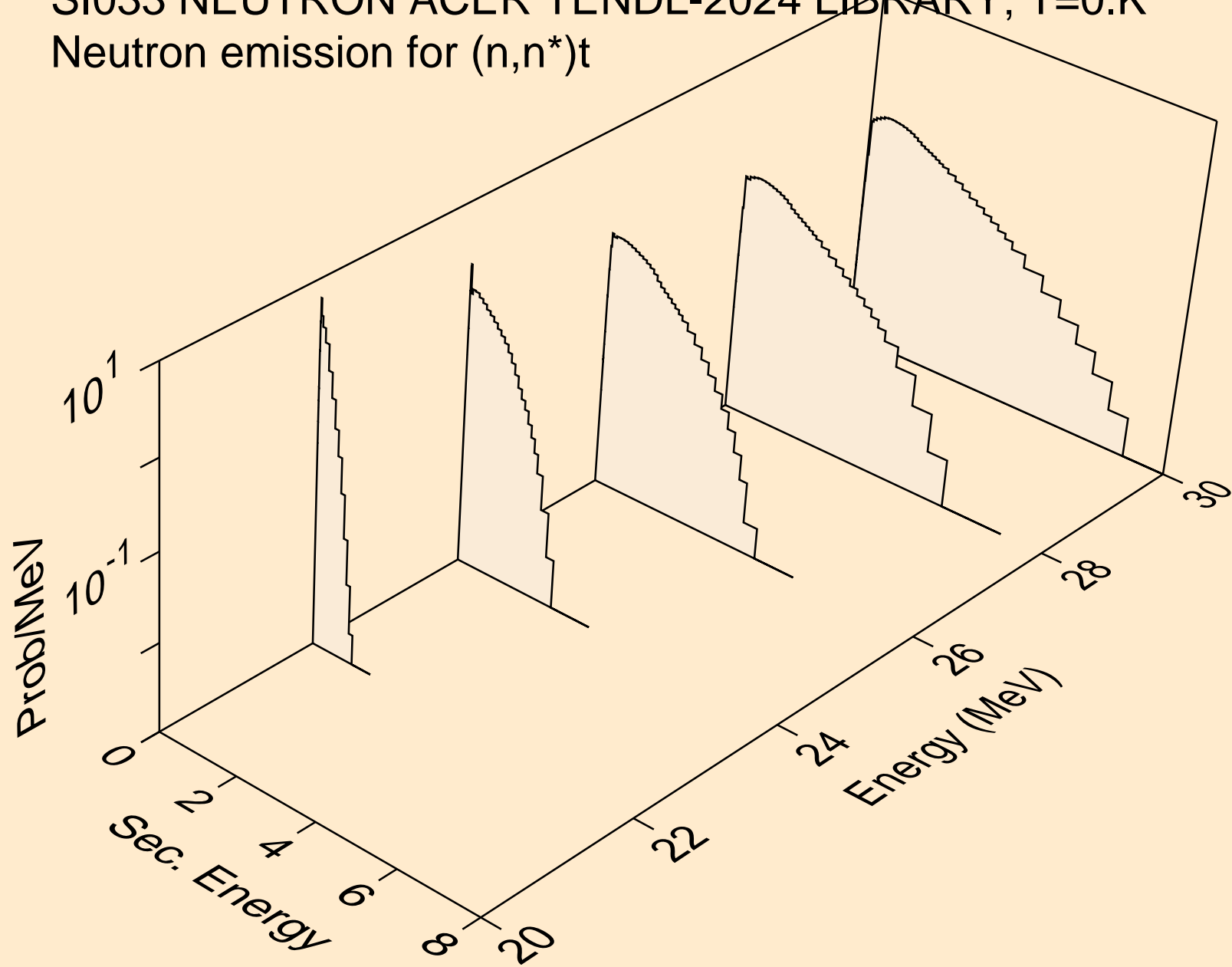
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



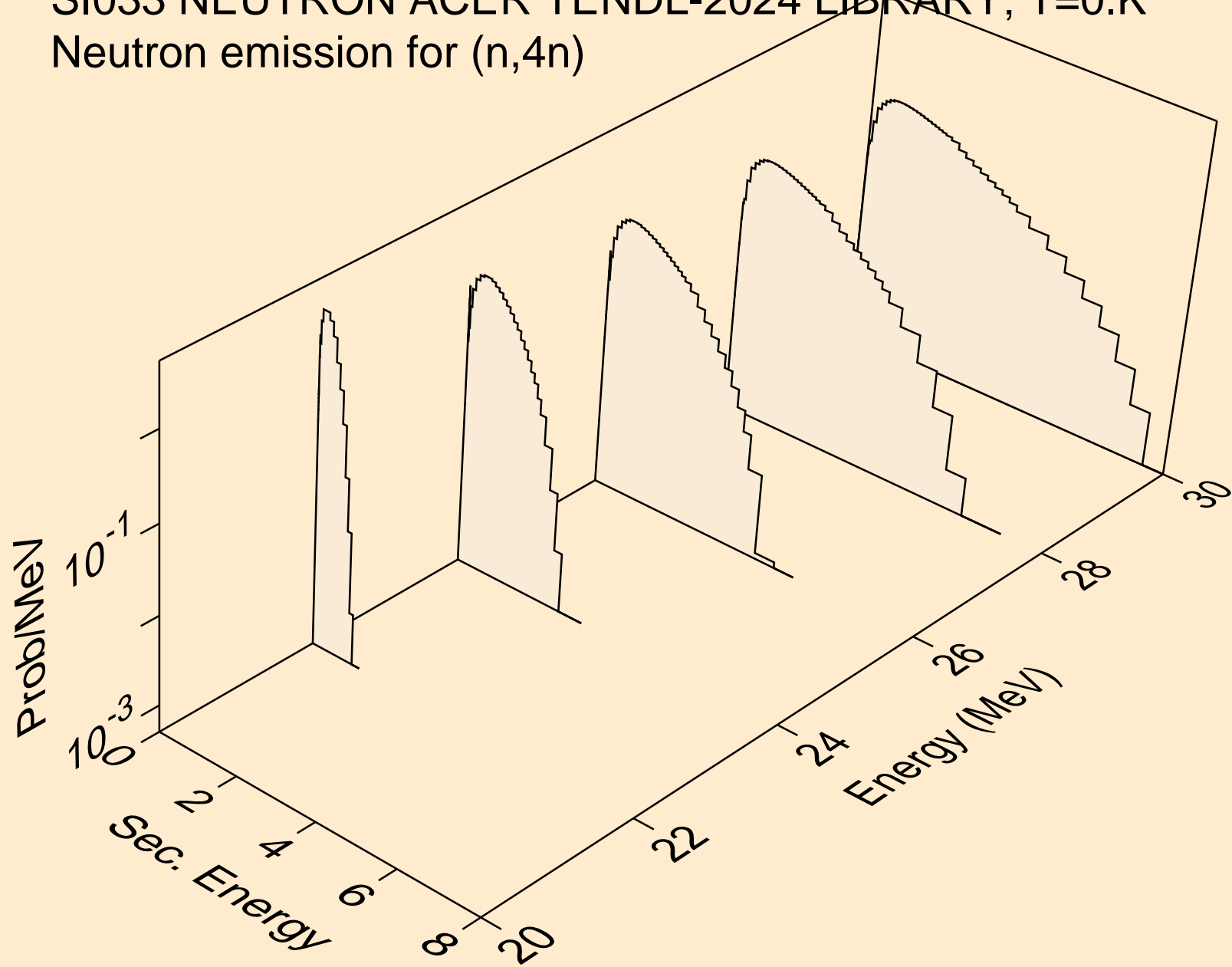
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



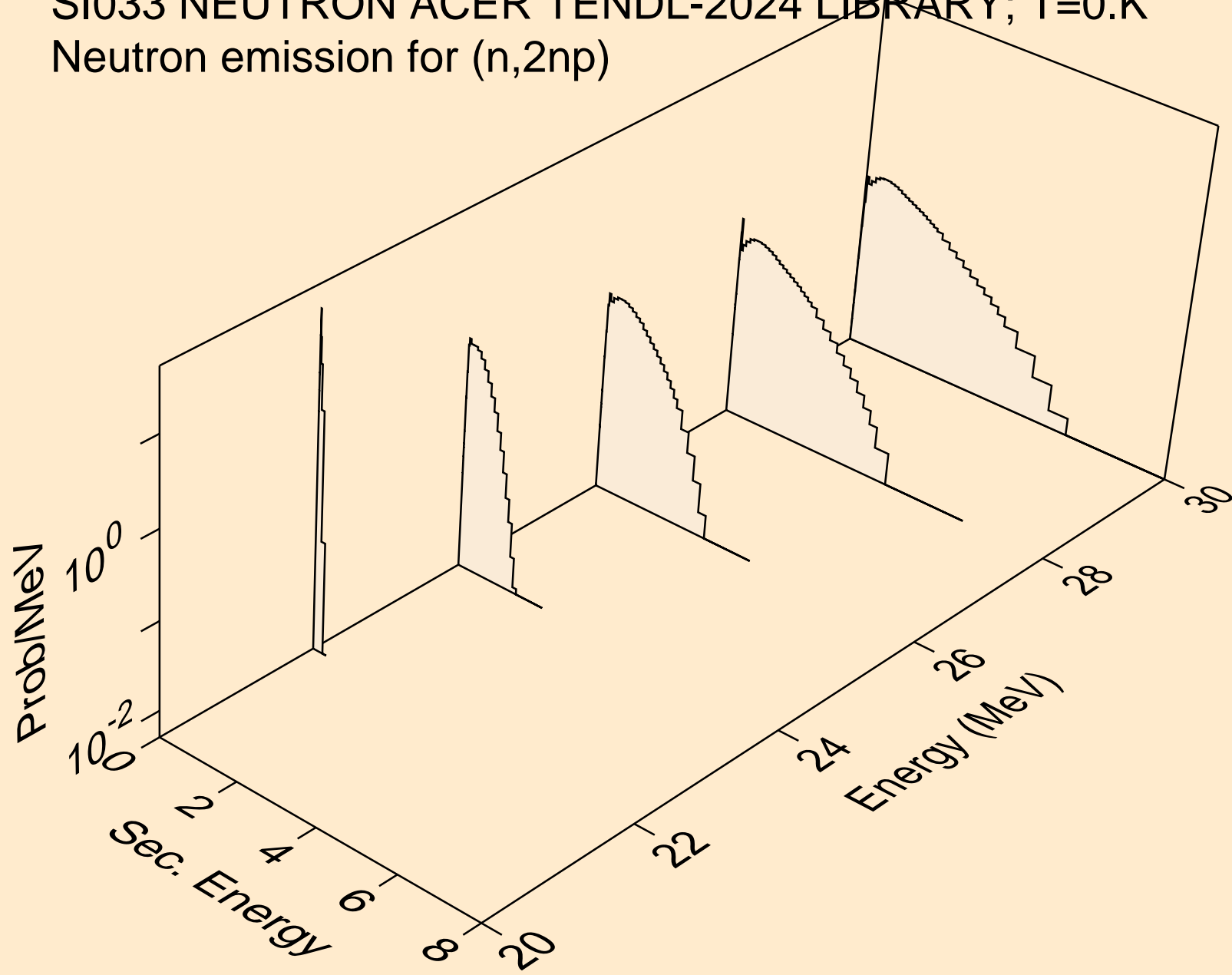
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



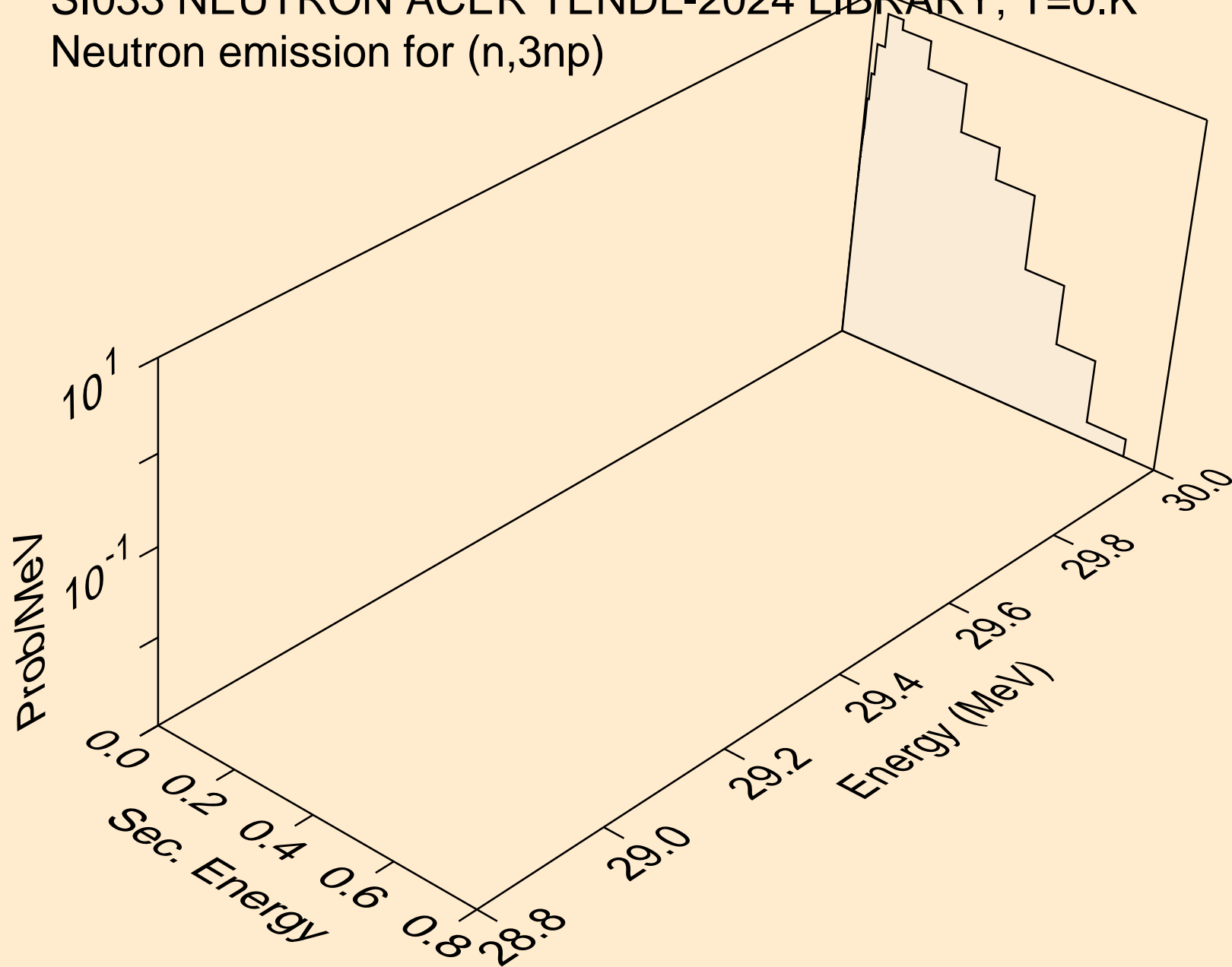
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

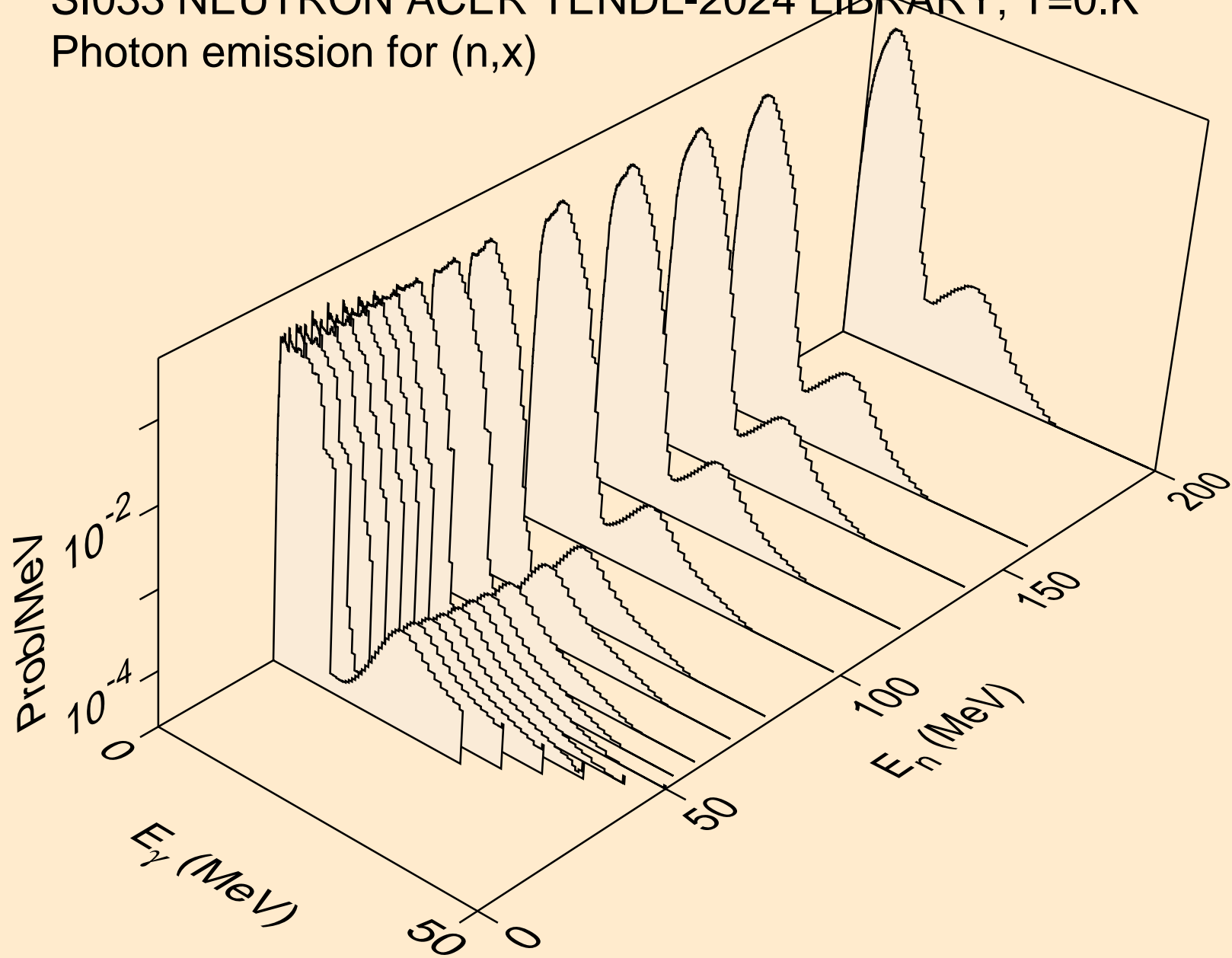


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

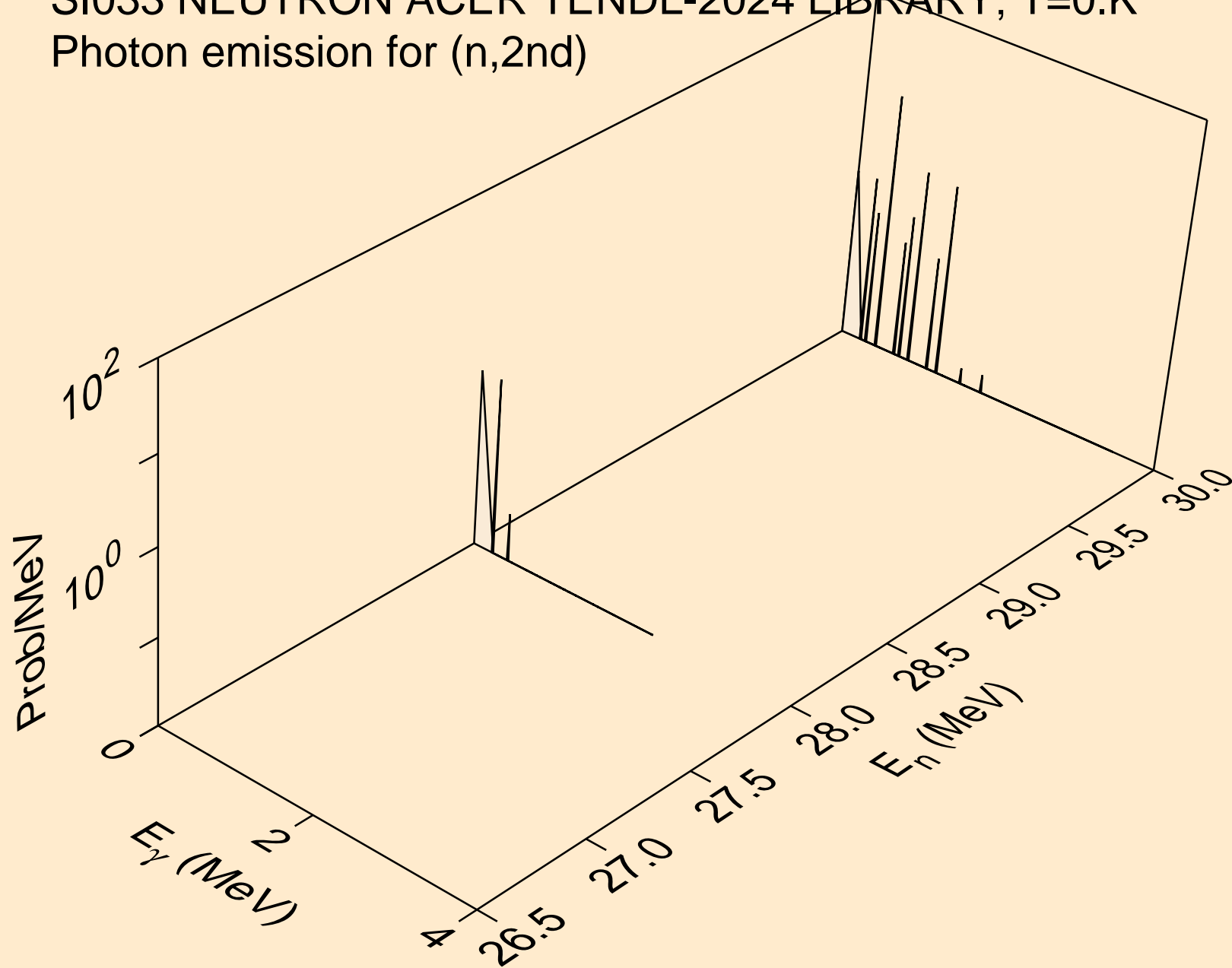




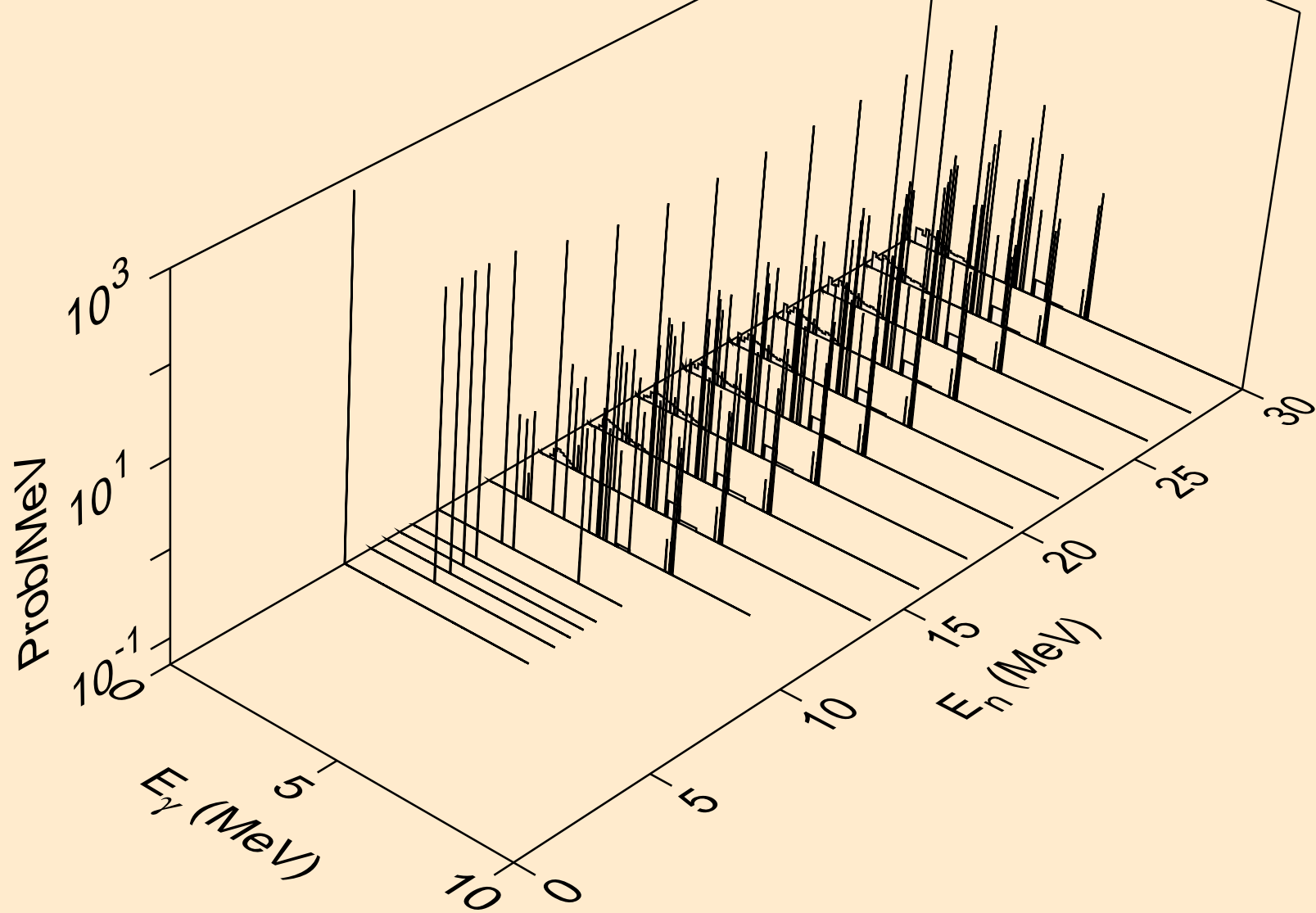
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



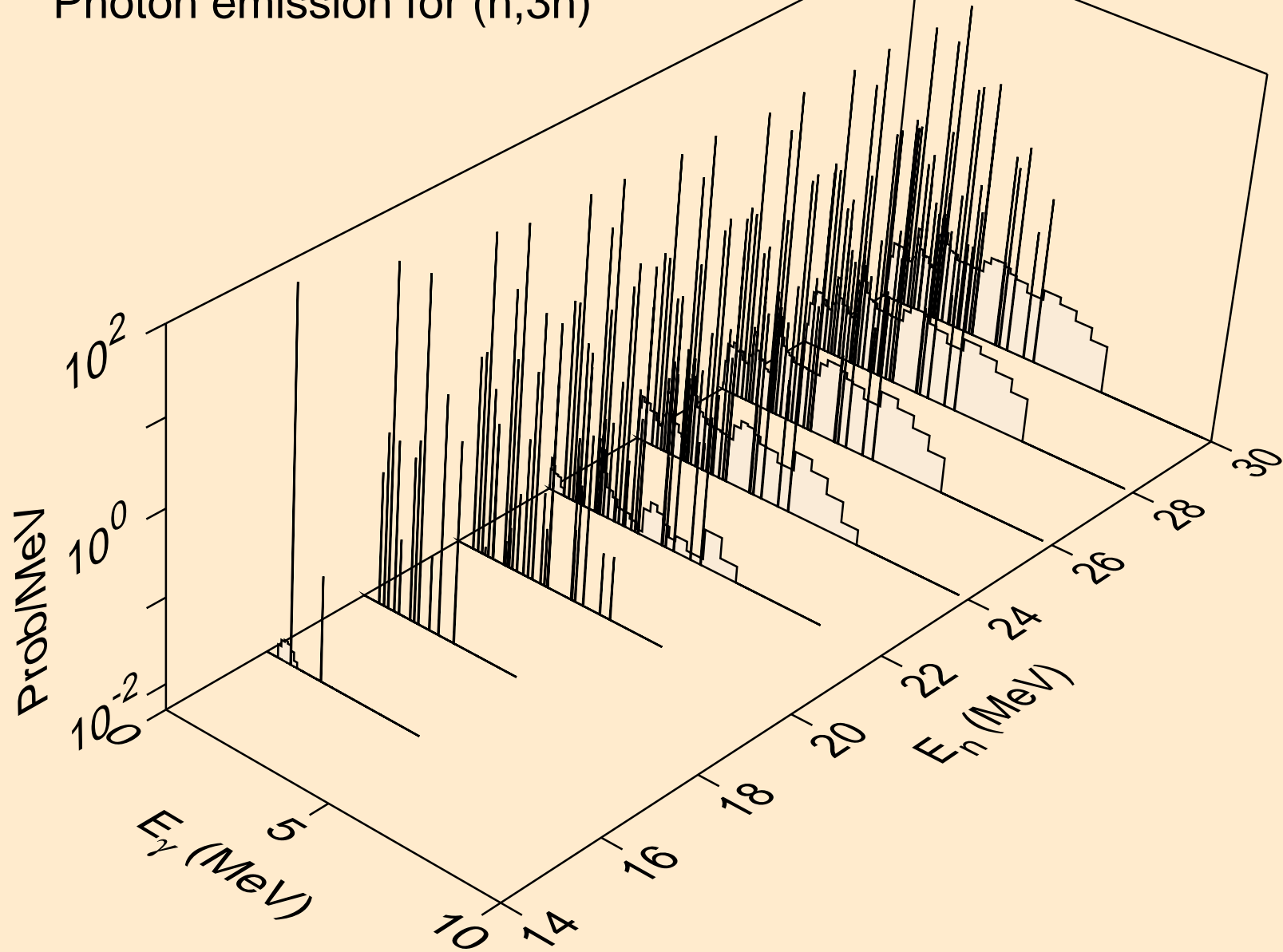
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



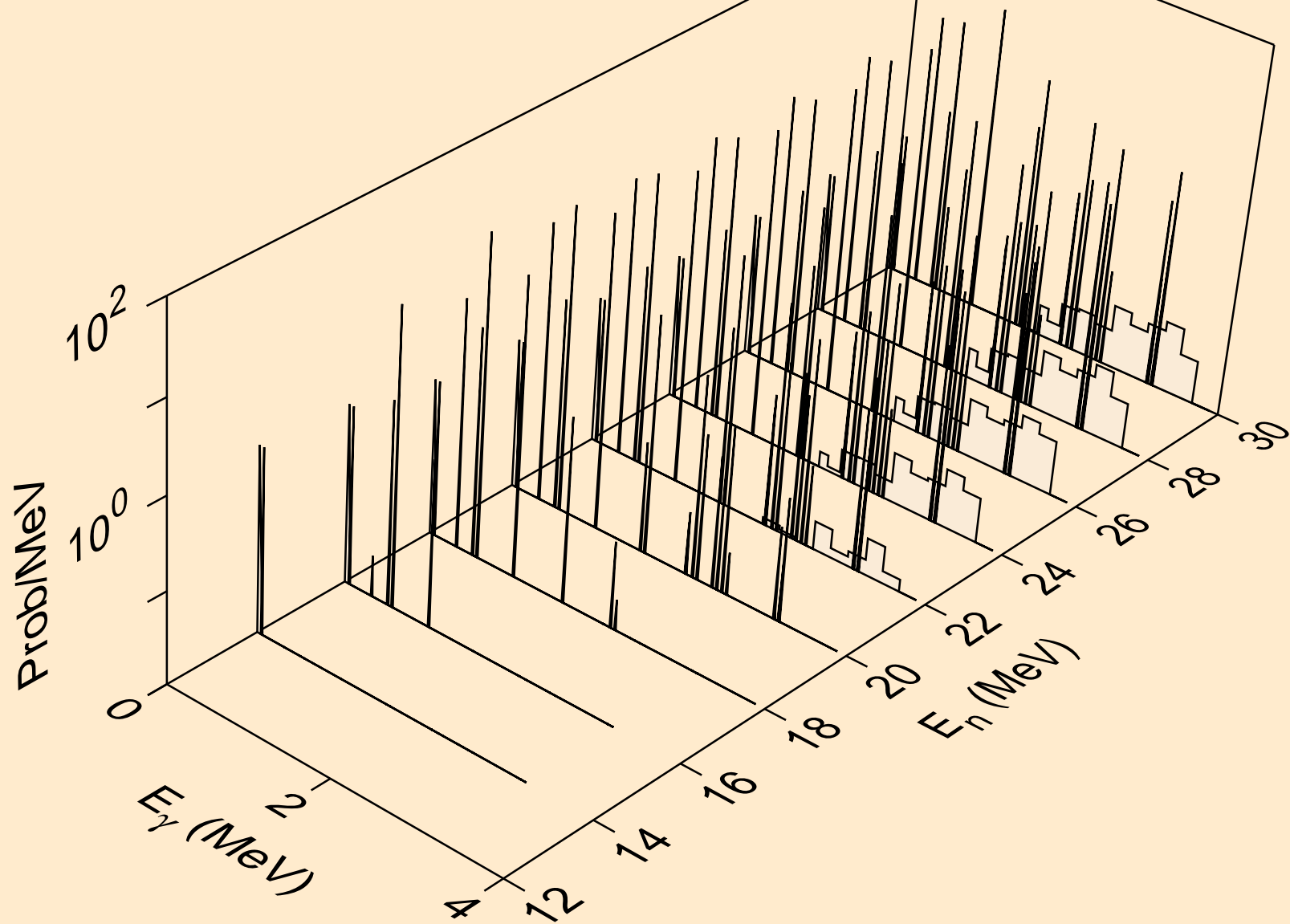
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



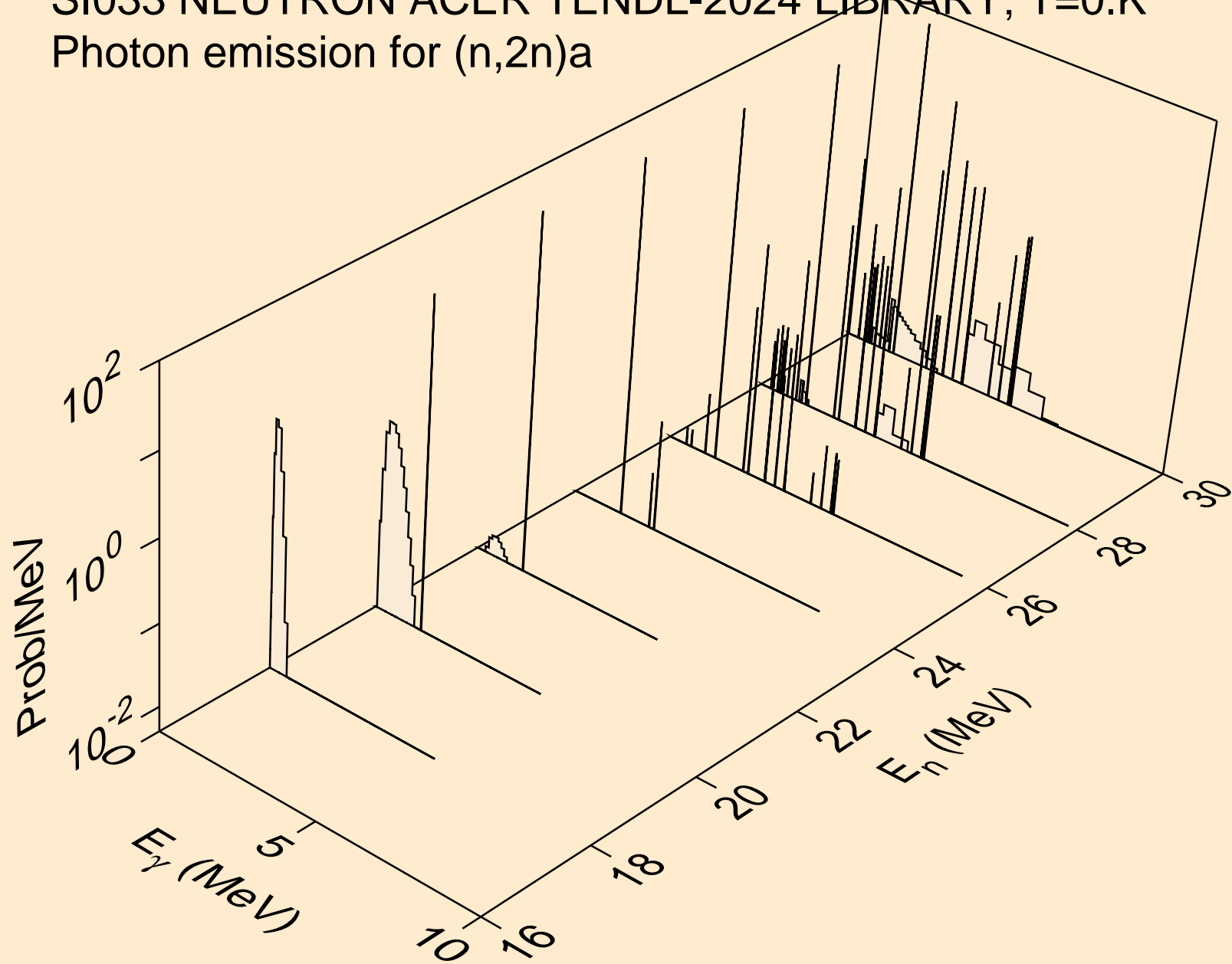
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



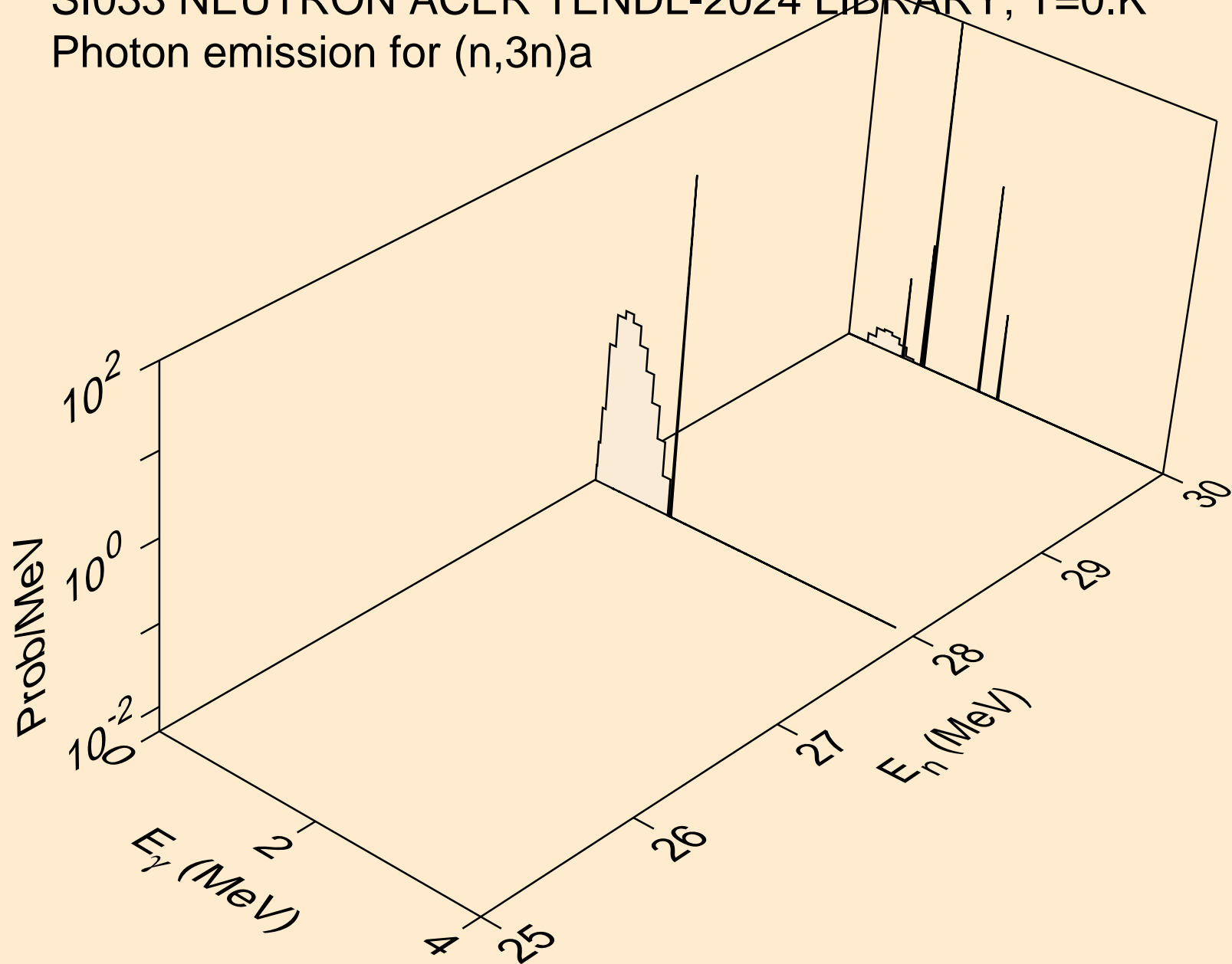
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



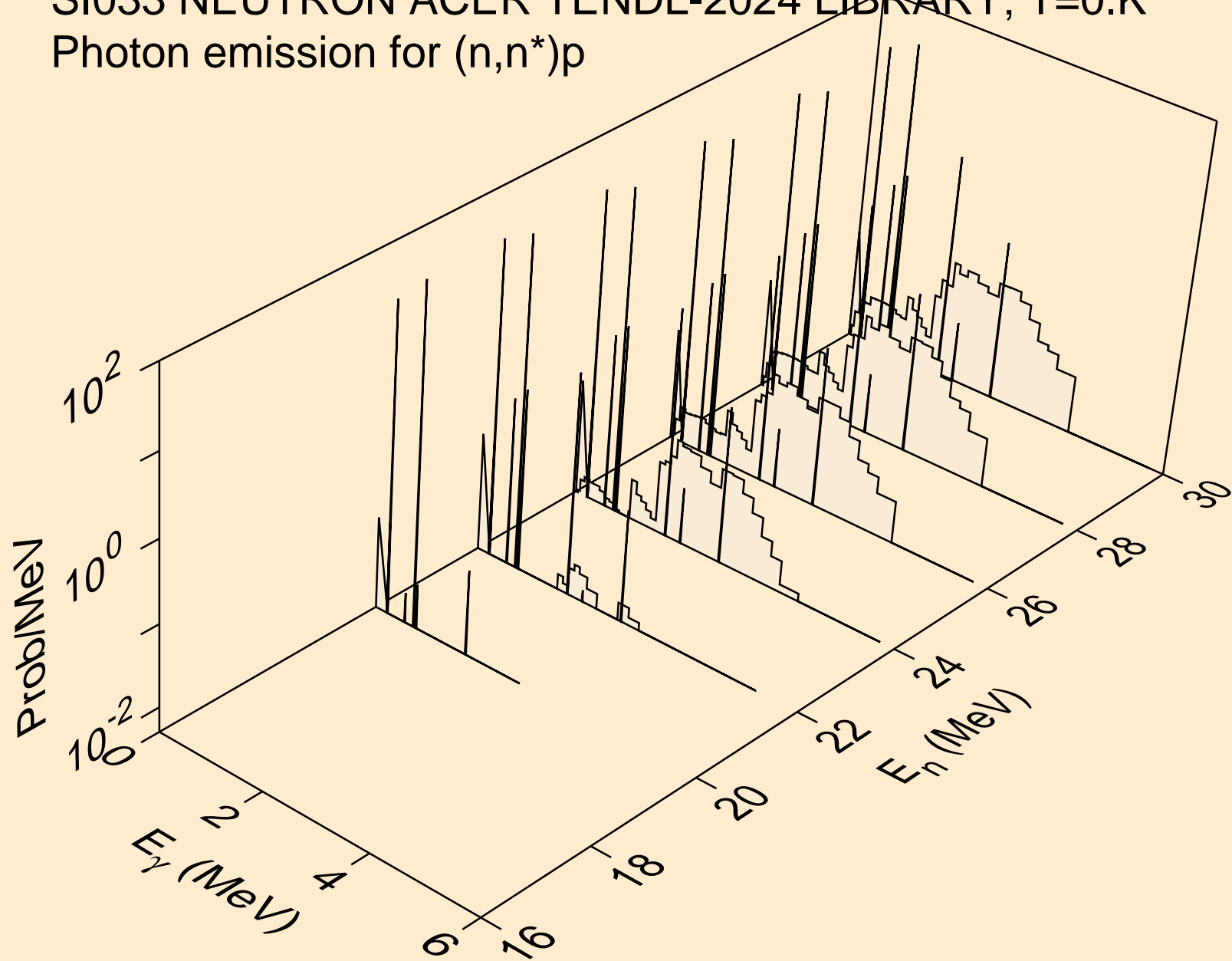
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

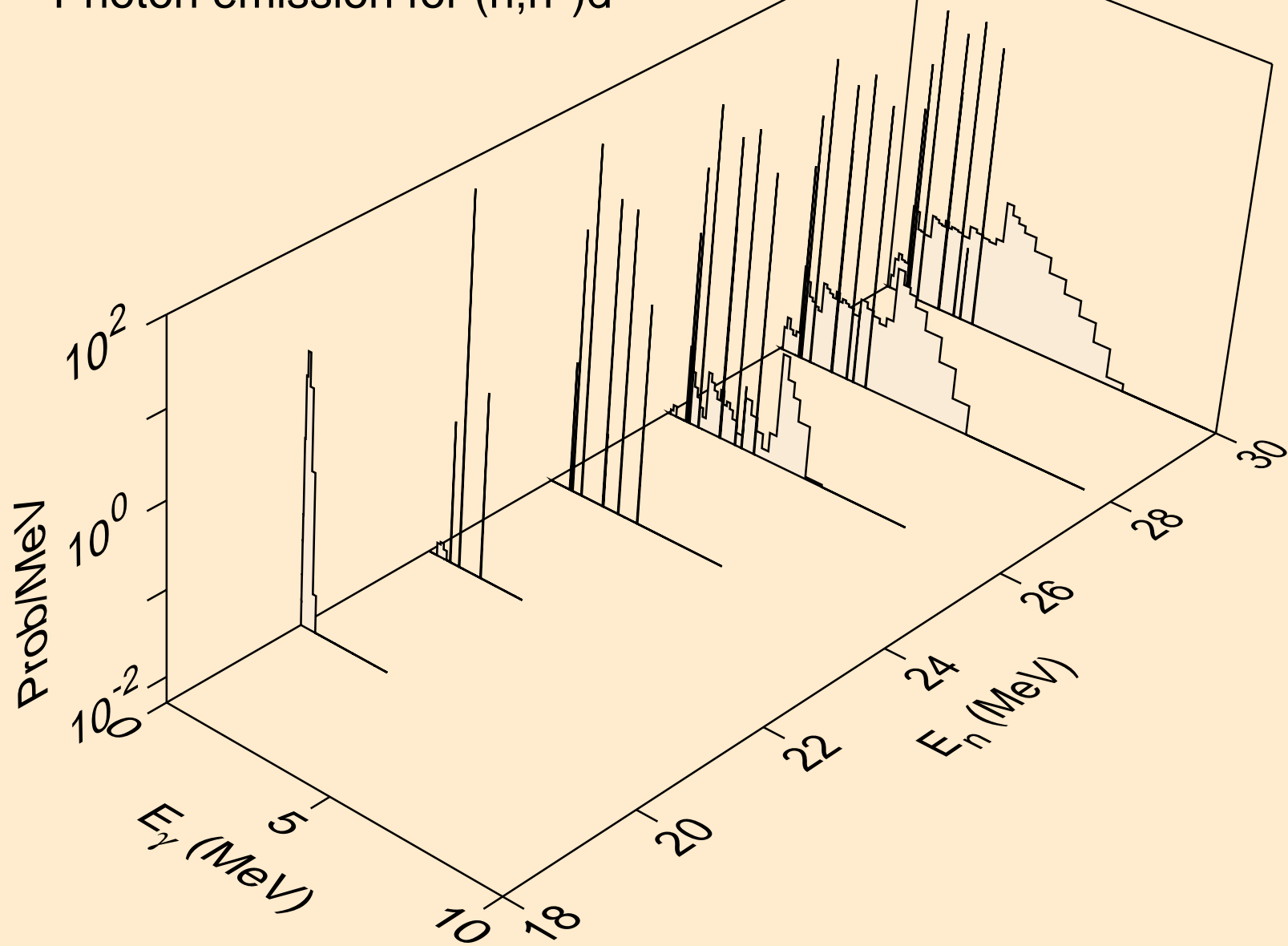


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

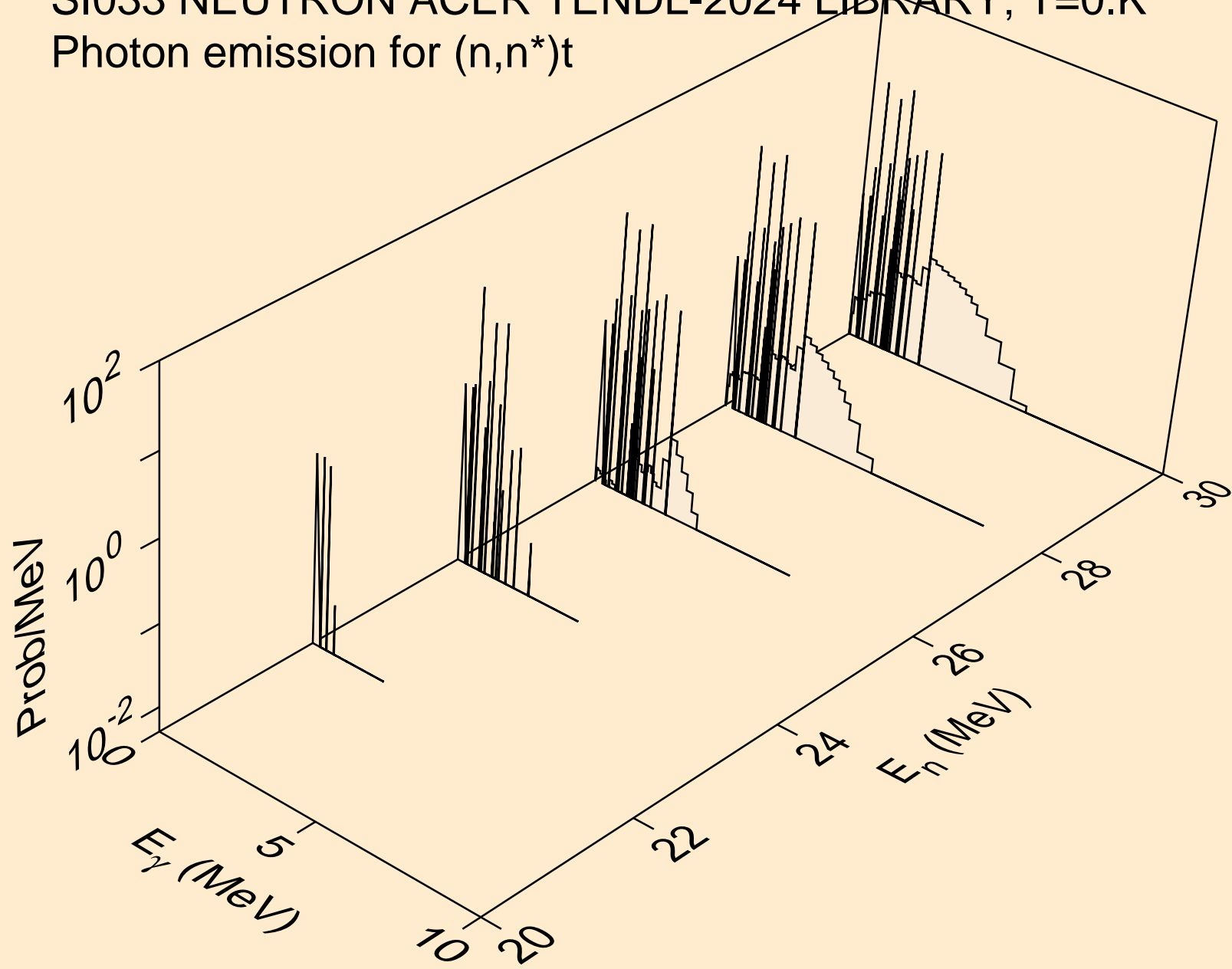




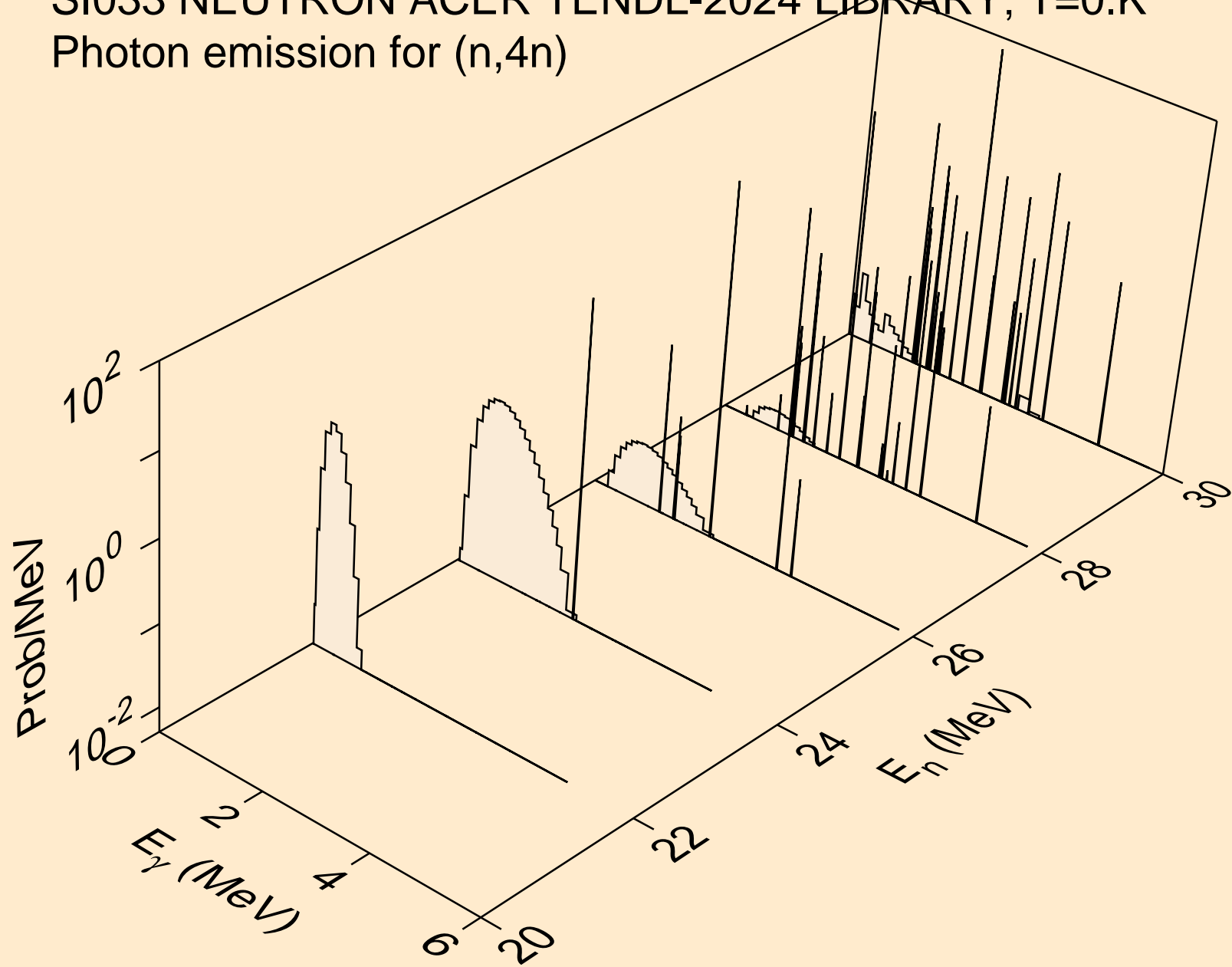
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



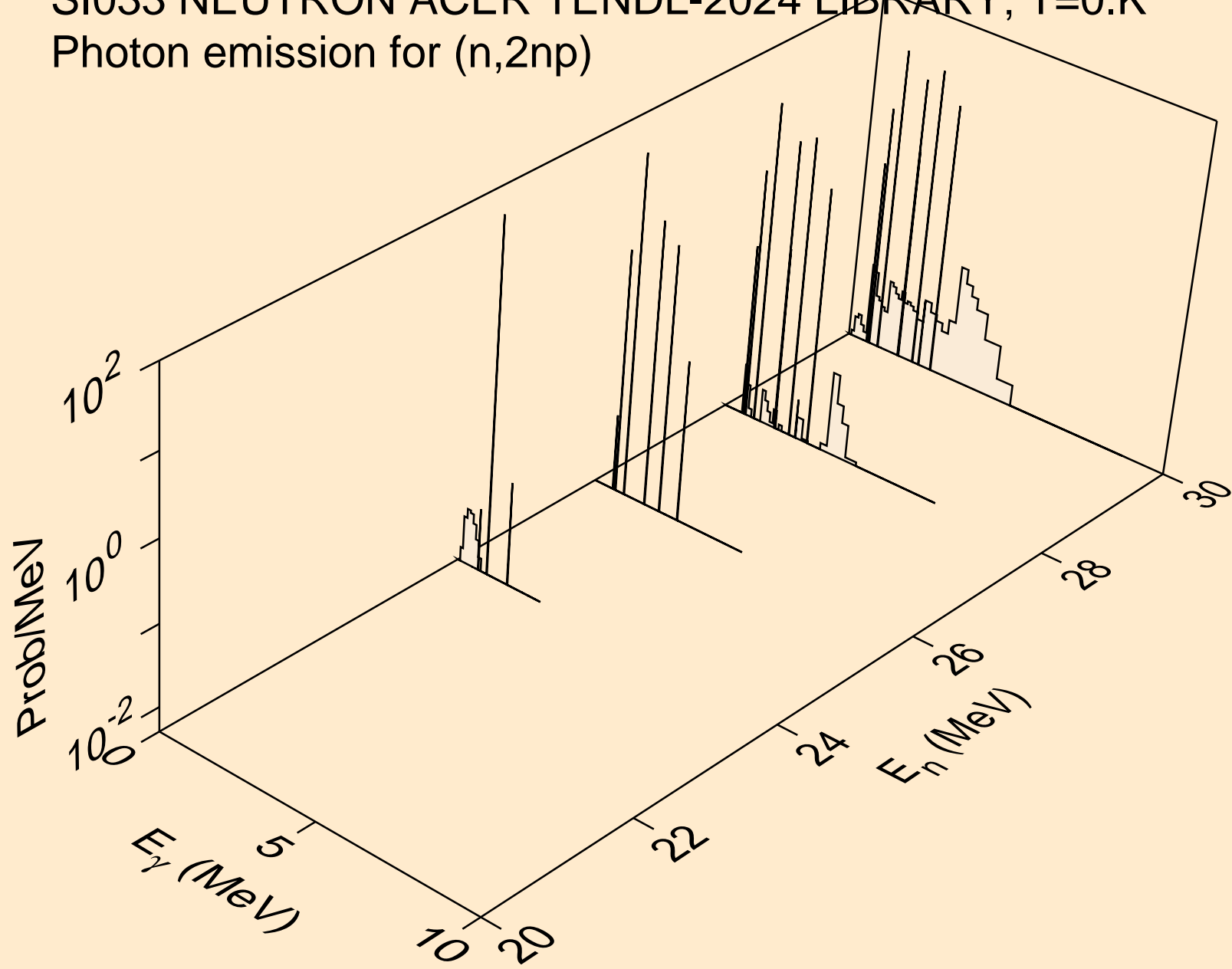
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



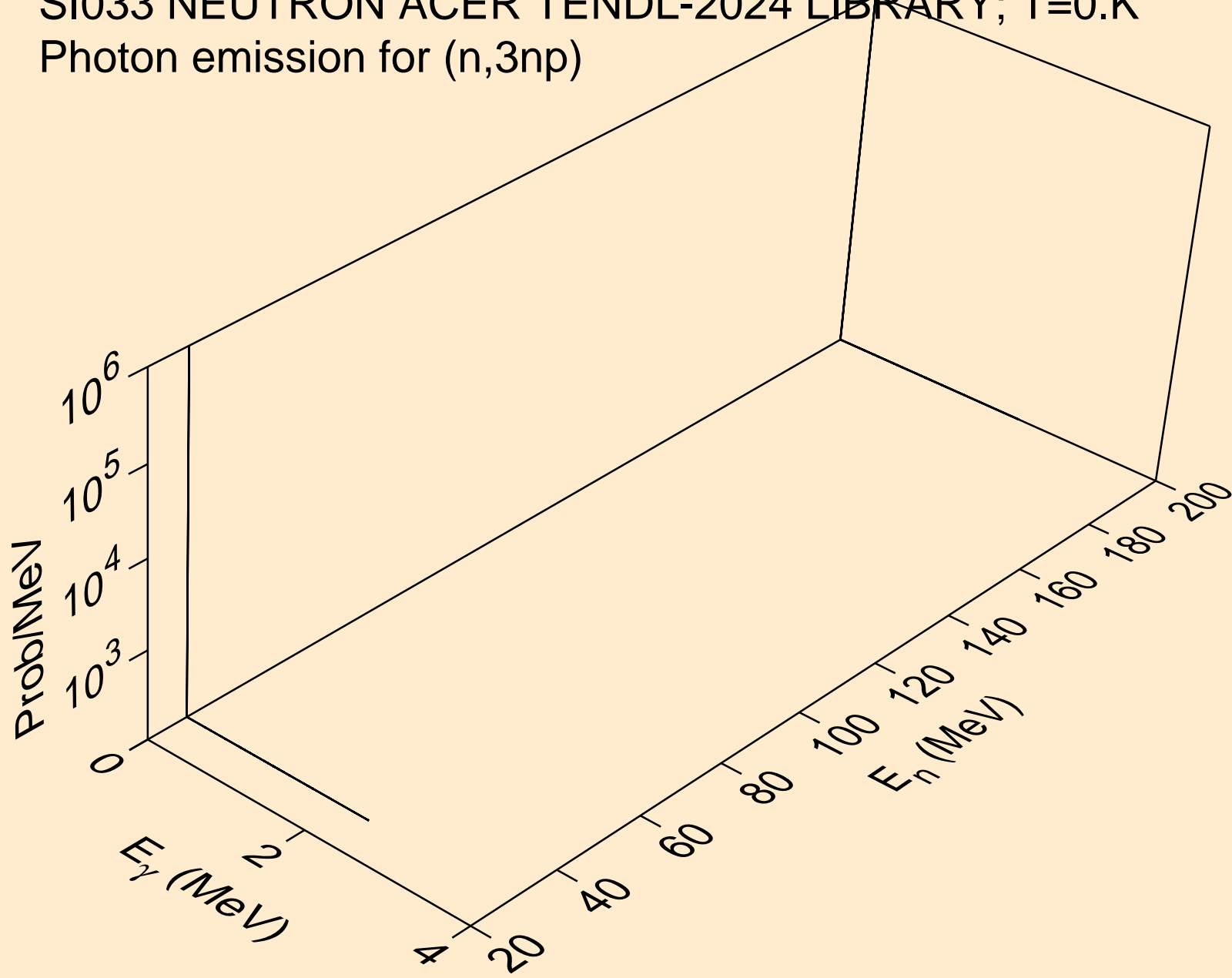
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



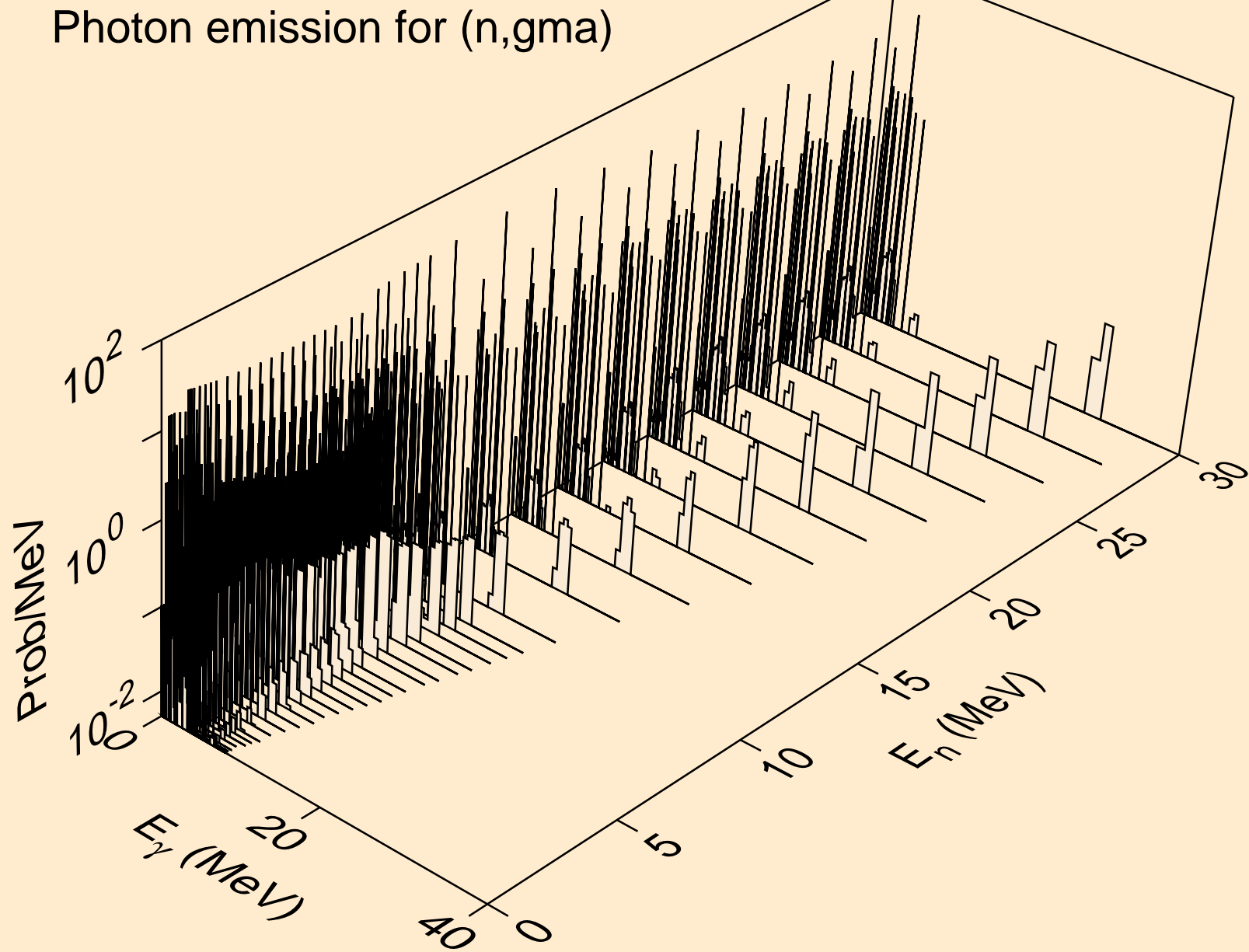
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



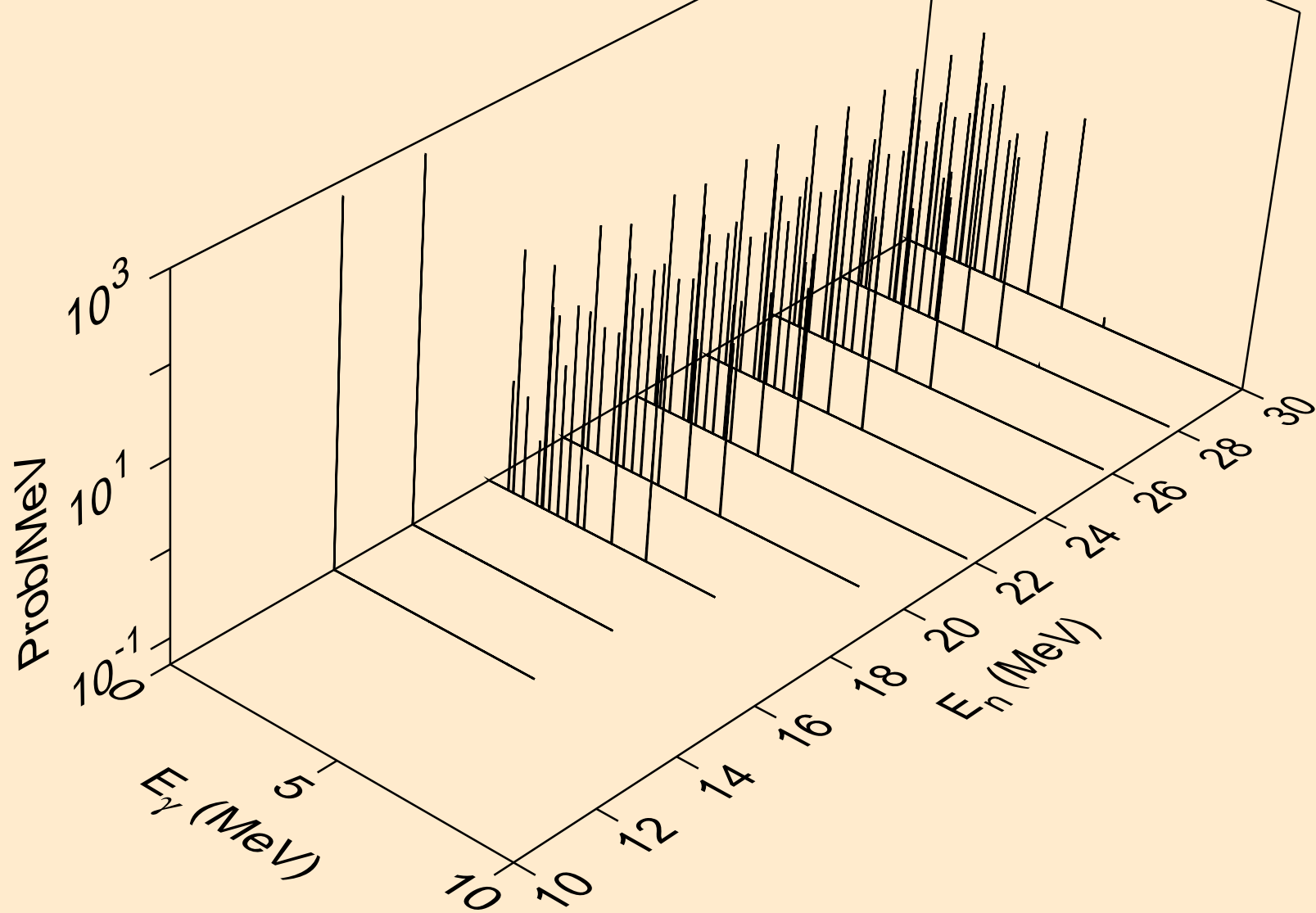
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



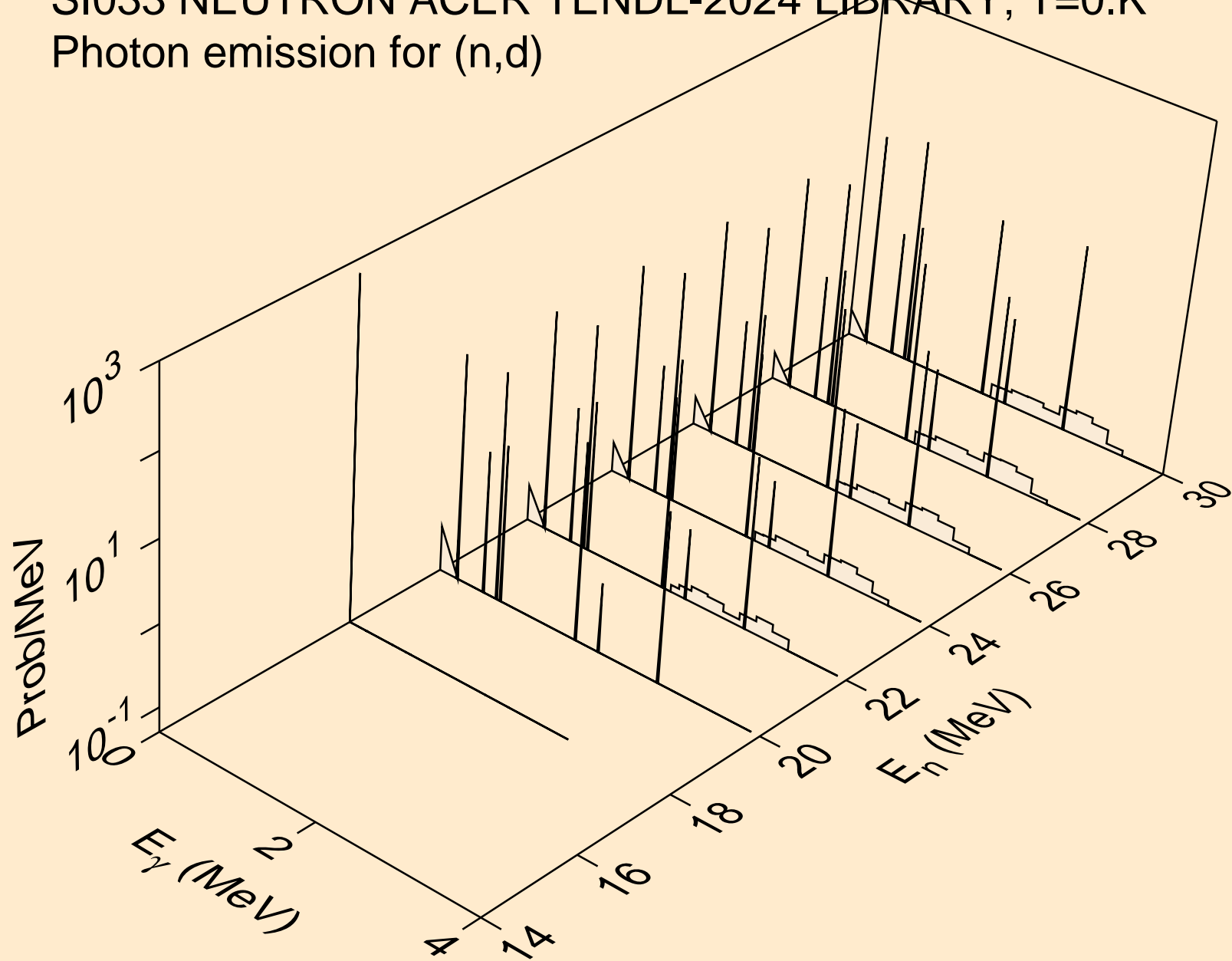
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

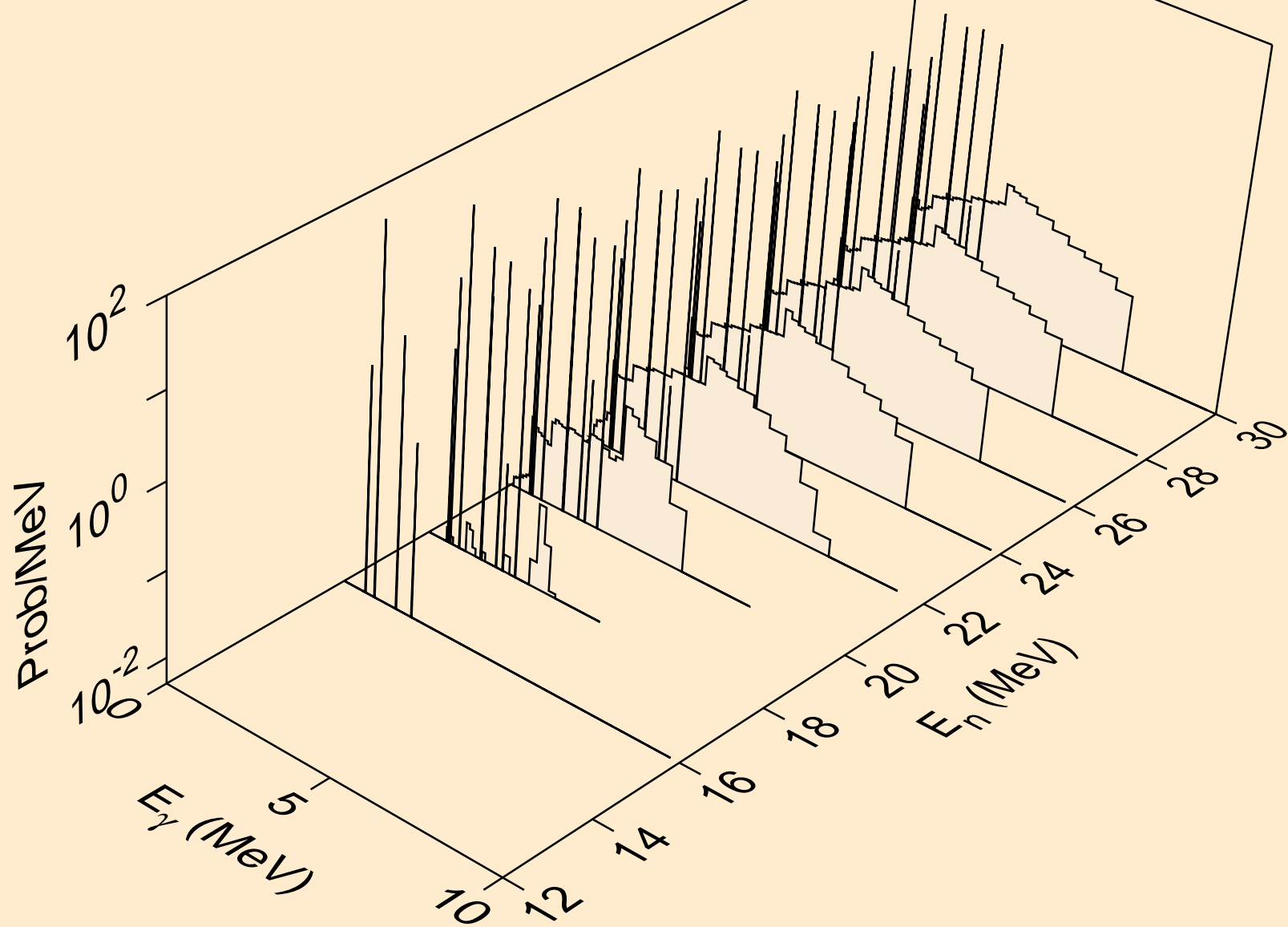


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

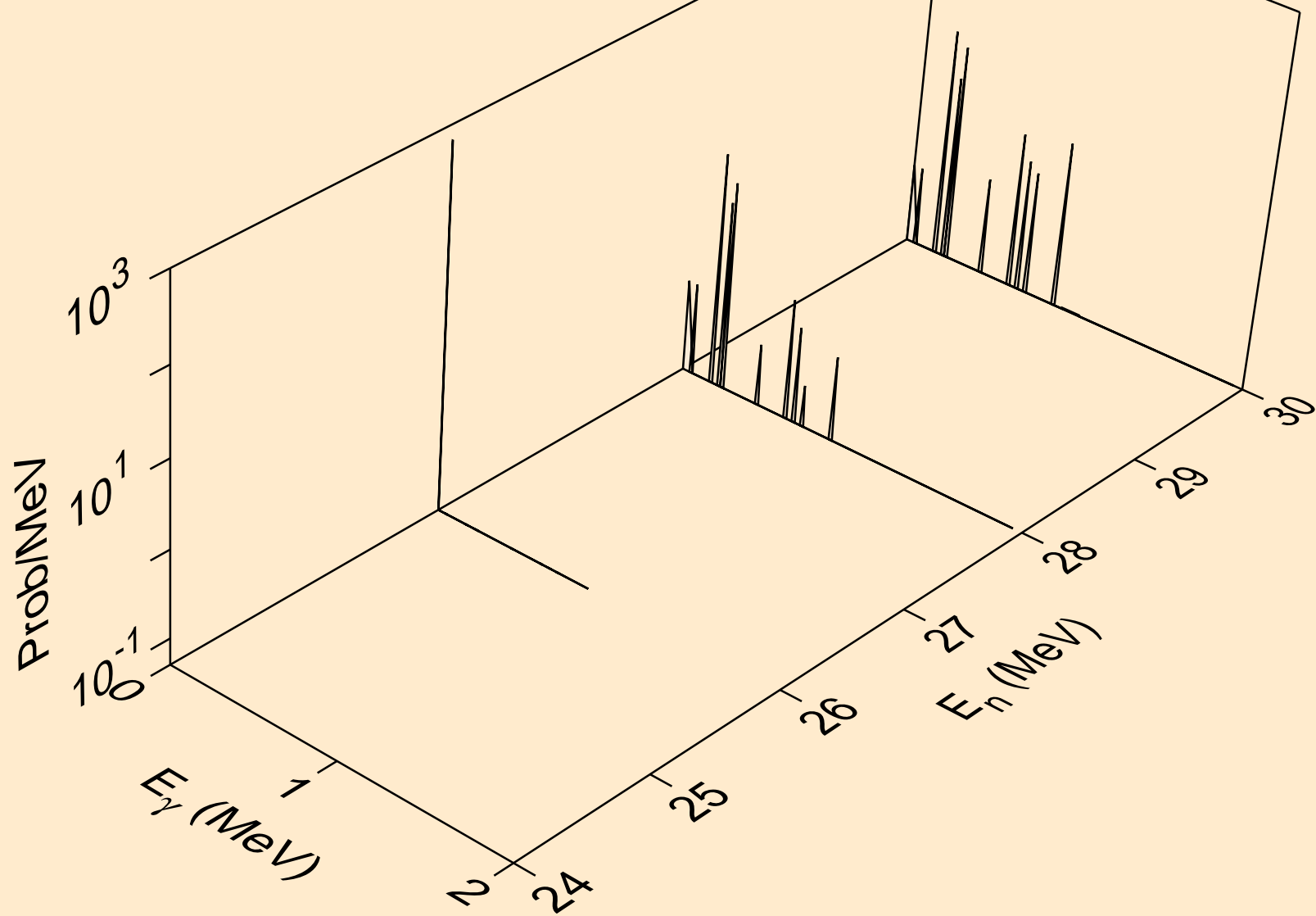




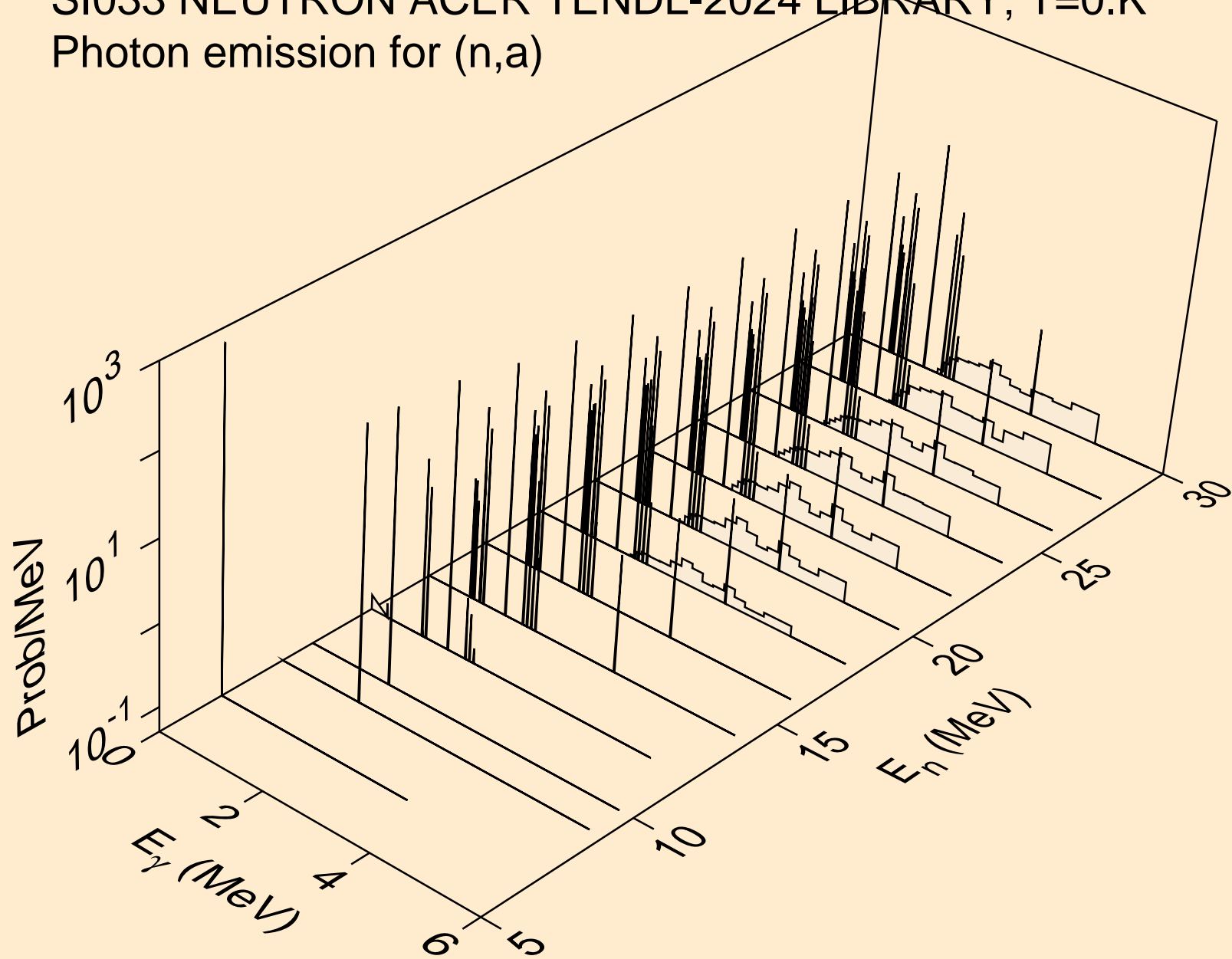
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



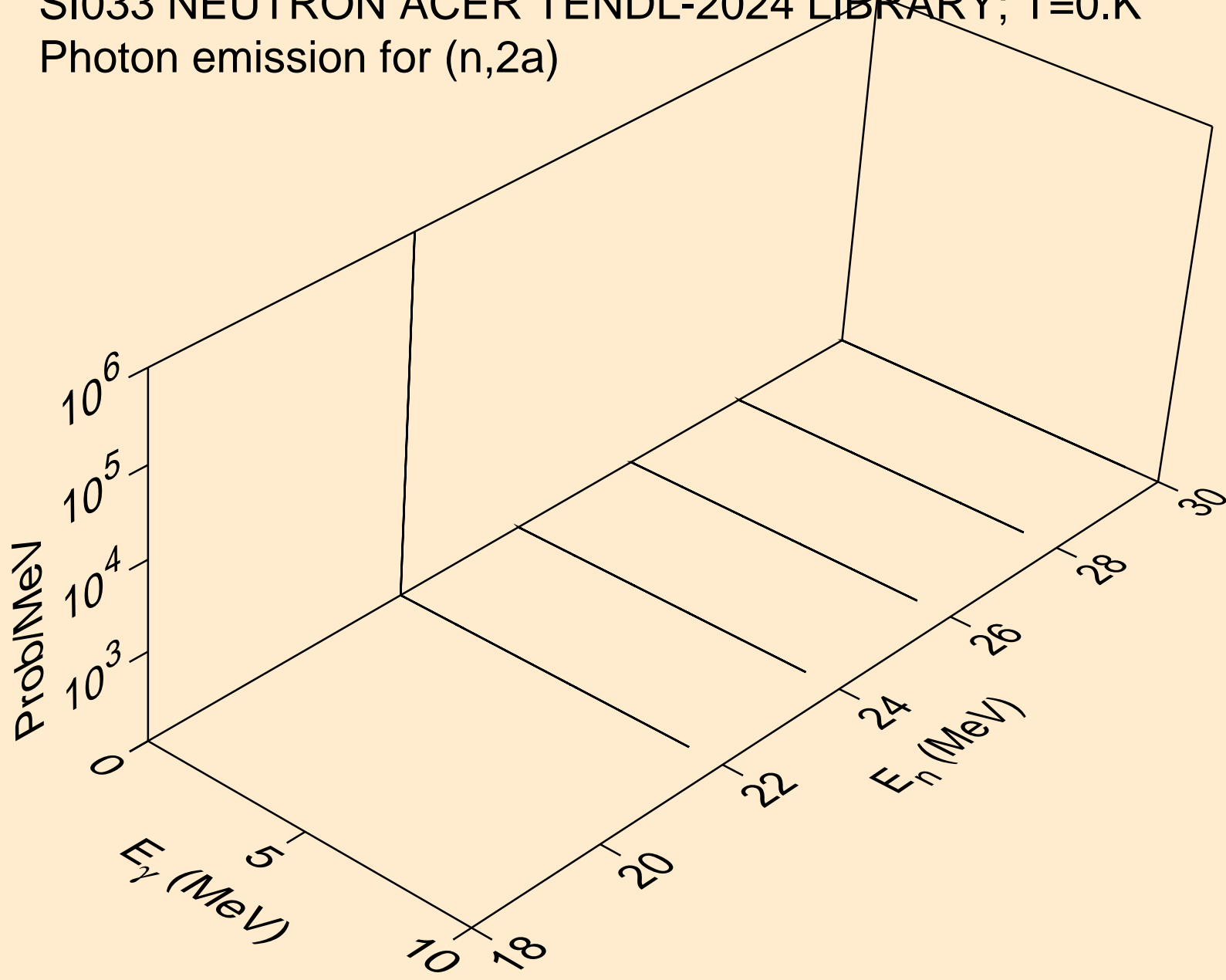
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Photon emission for (n,he3)



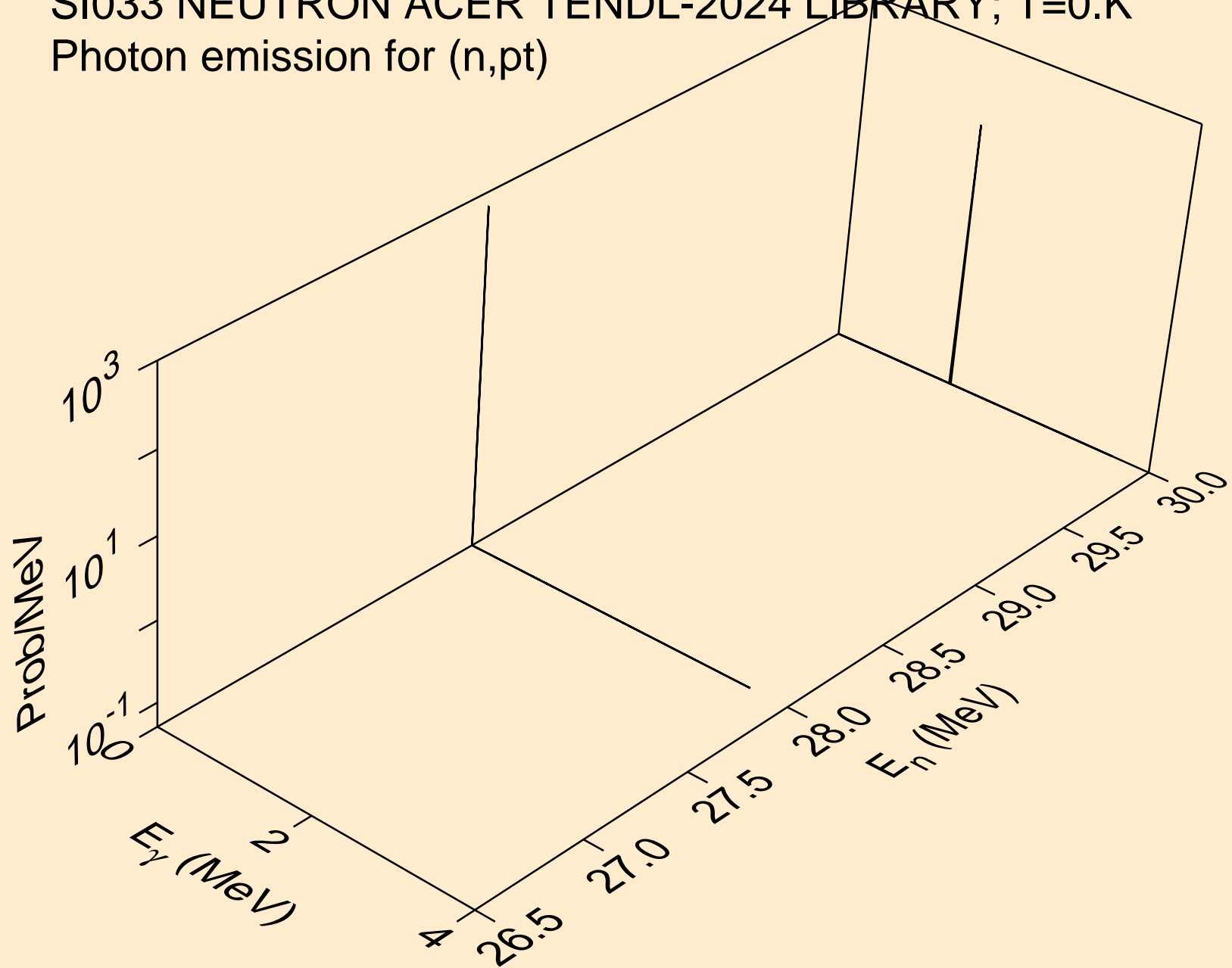
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



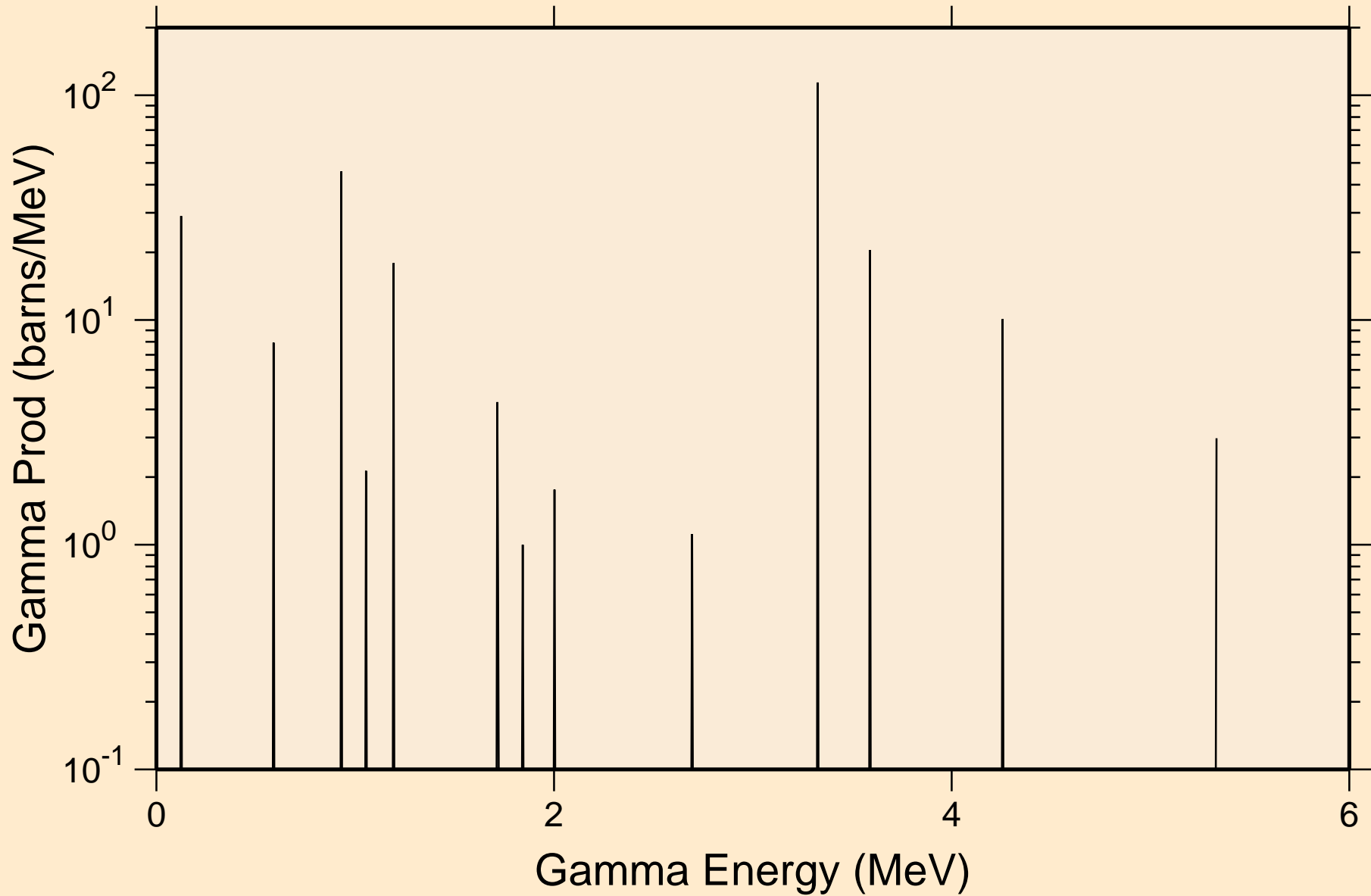
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



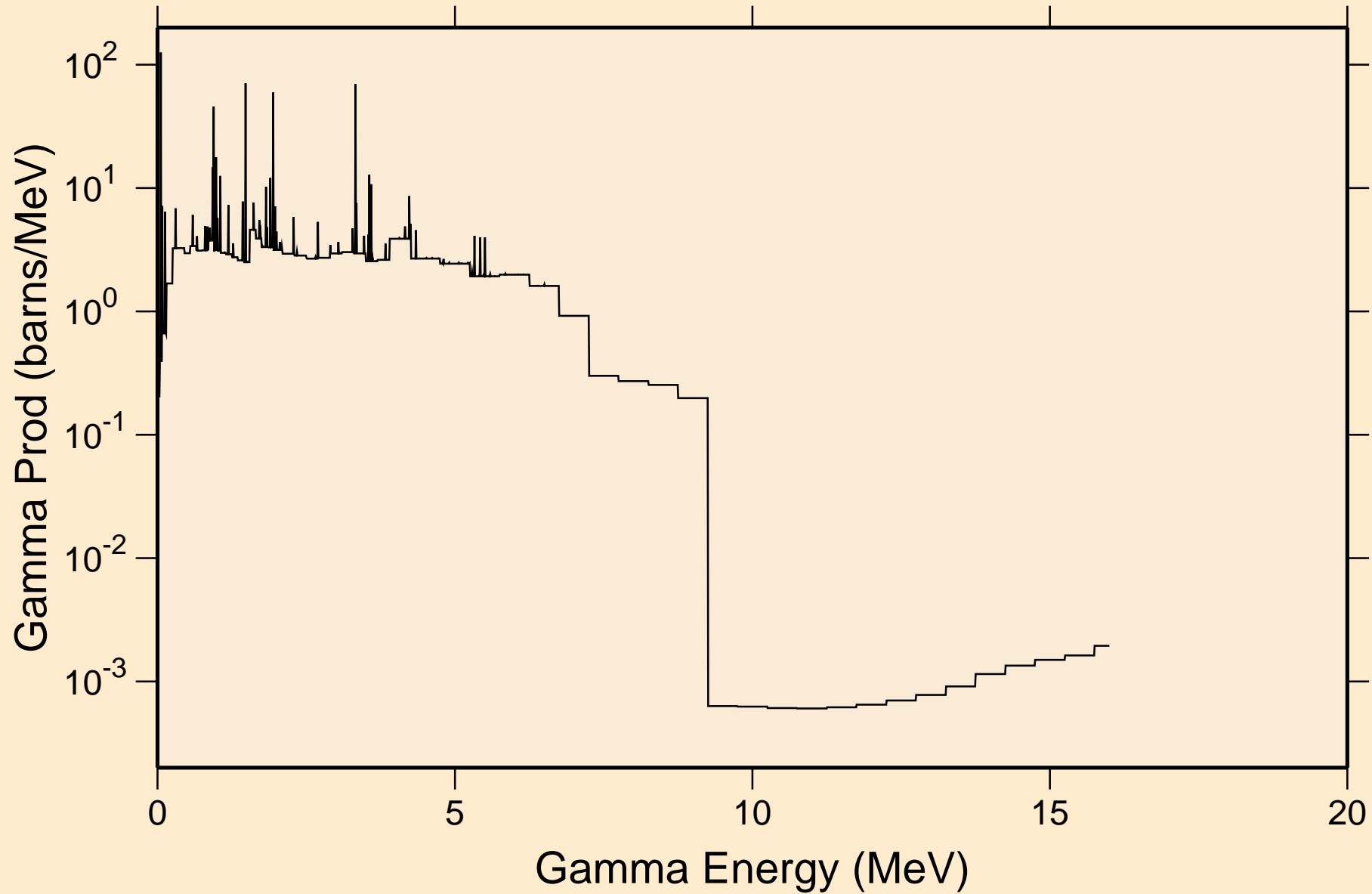
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

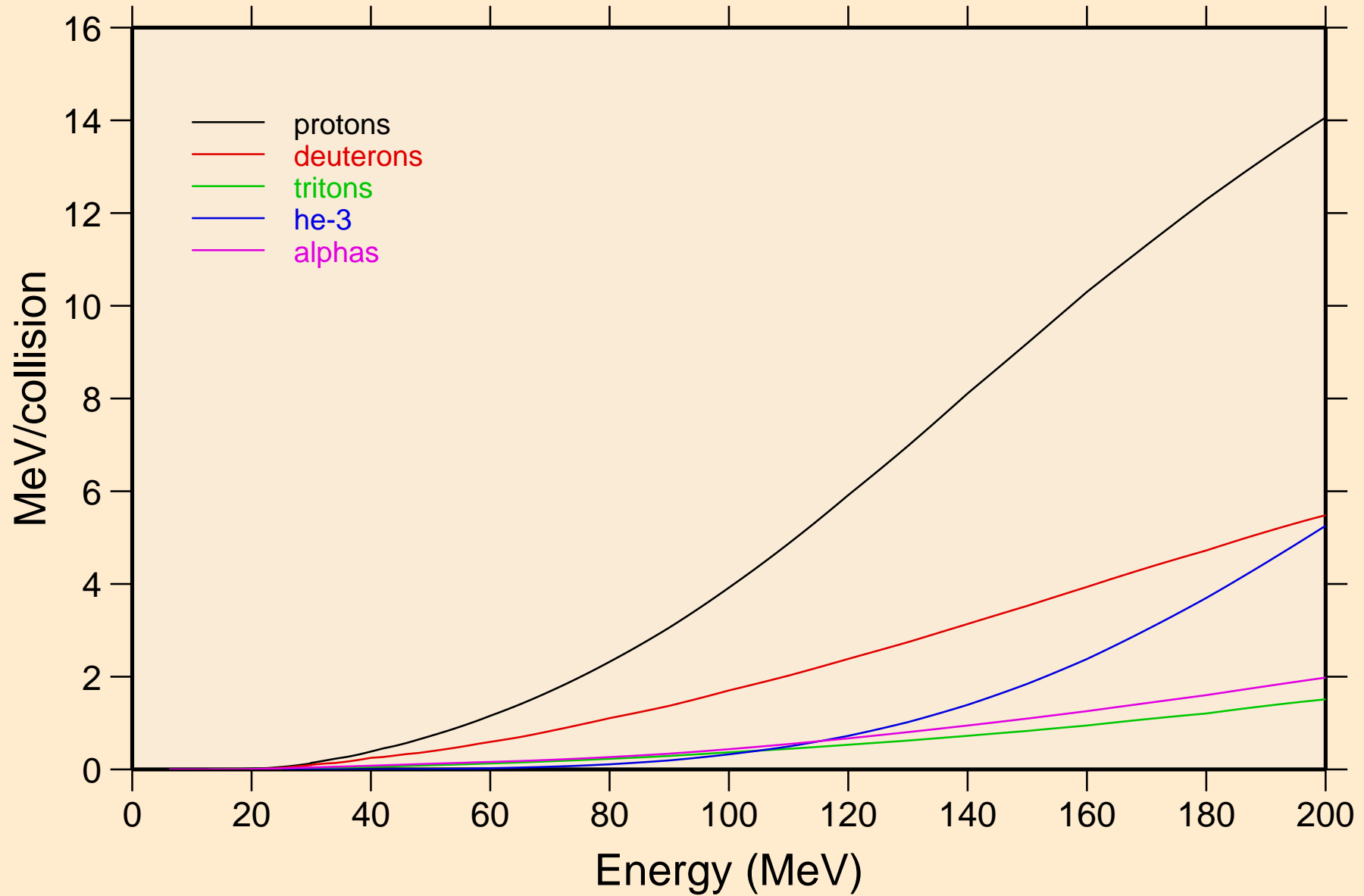


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



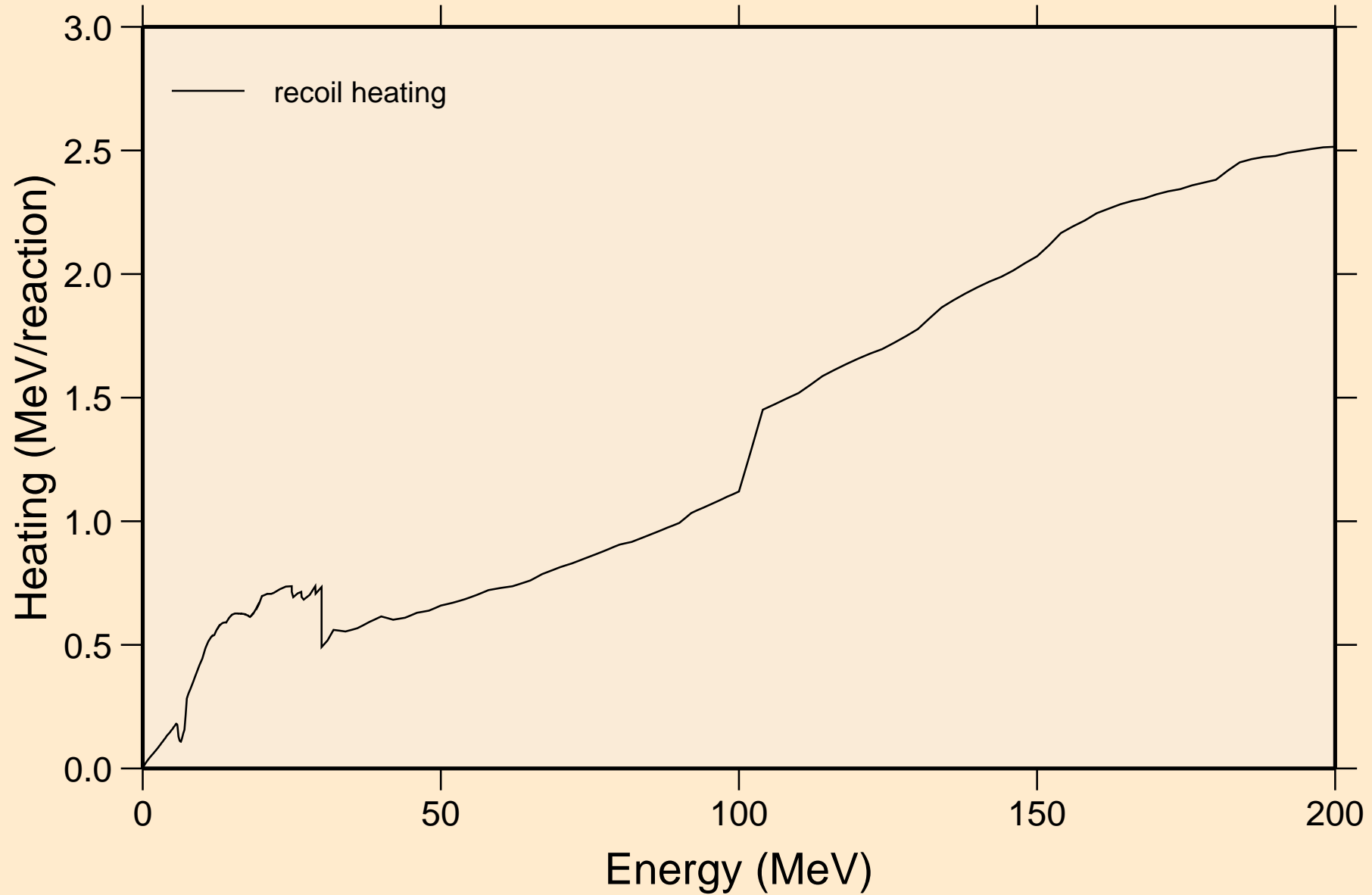
# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



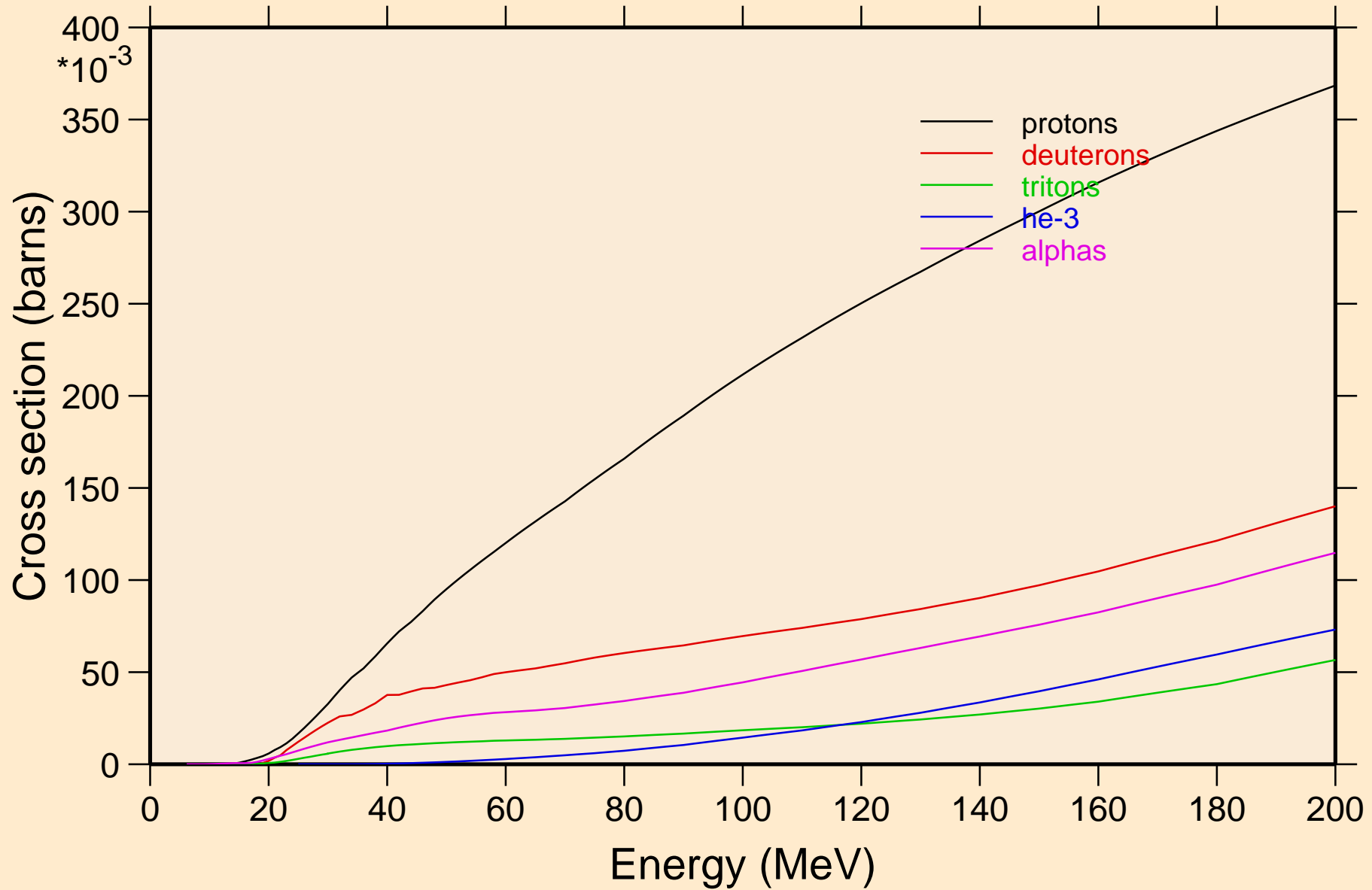


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

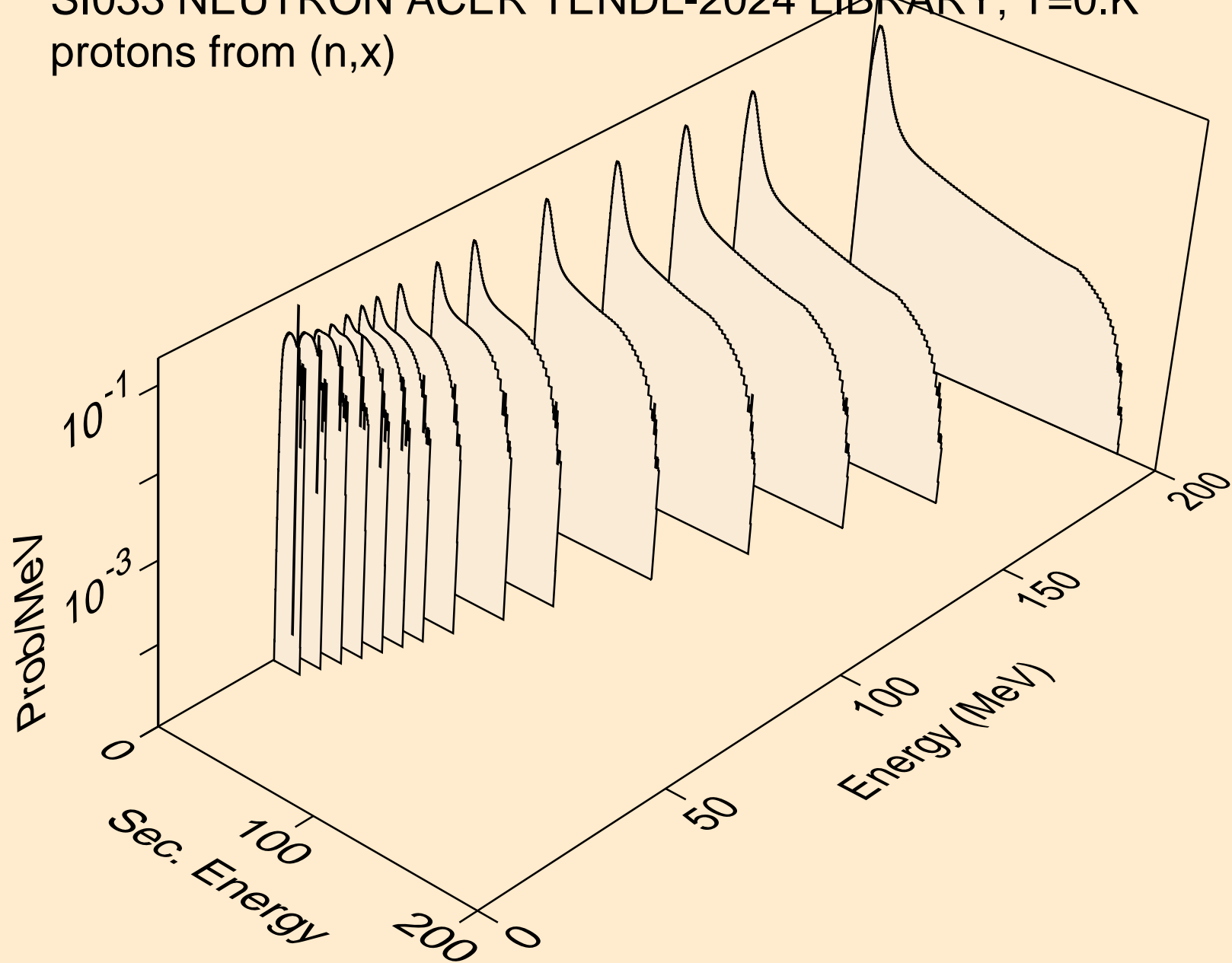


# SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

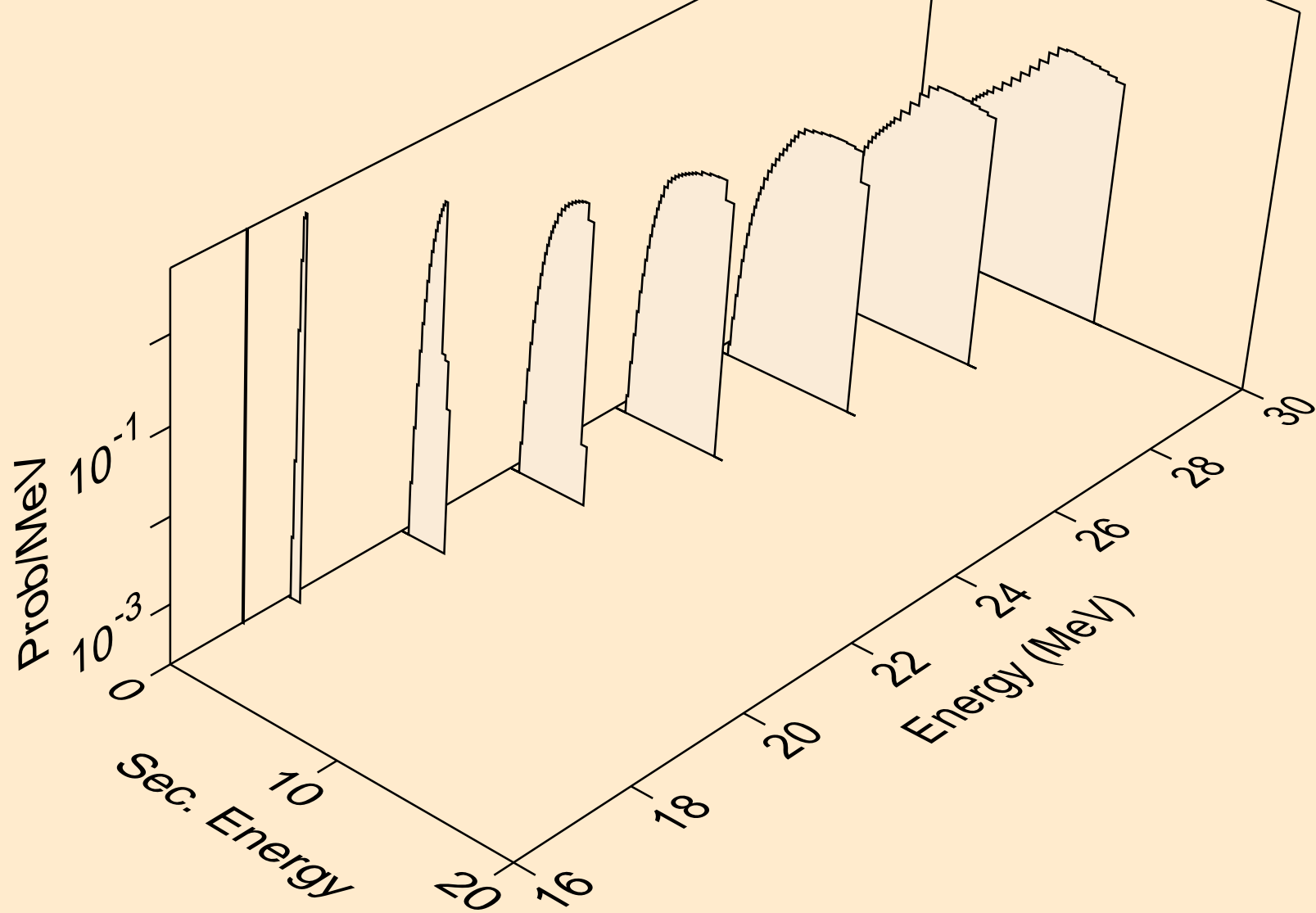
## Particle production cross sections



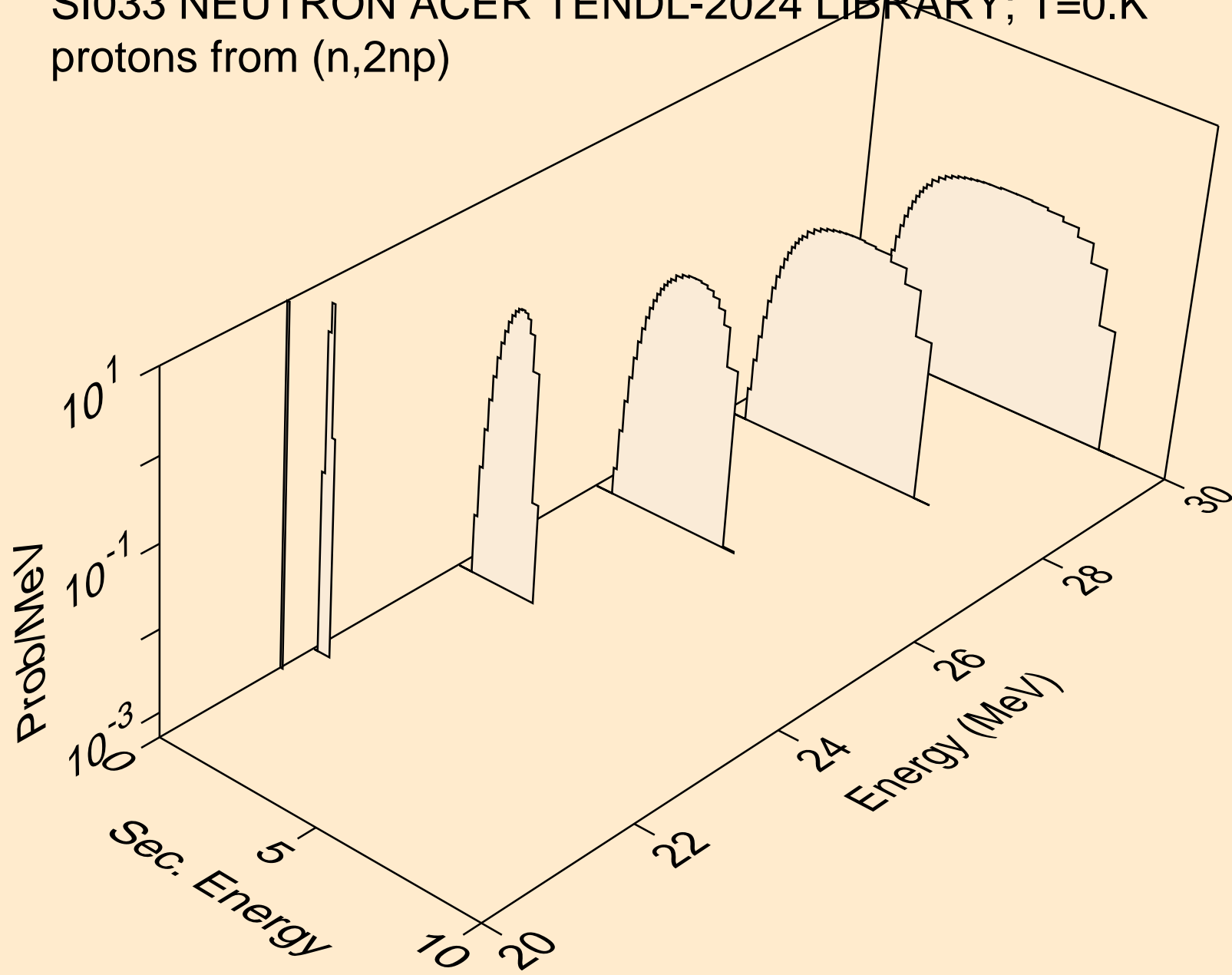
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



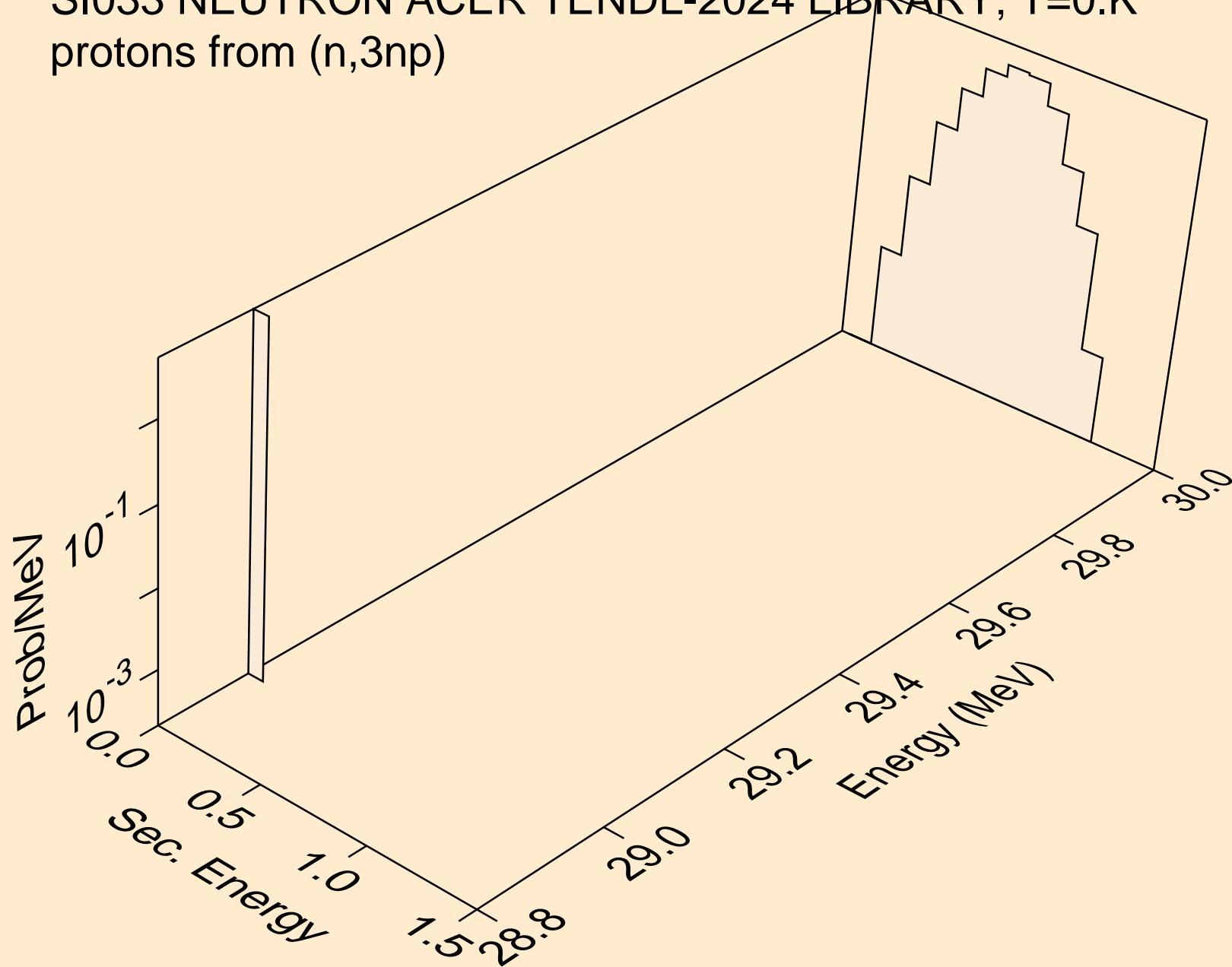
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



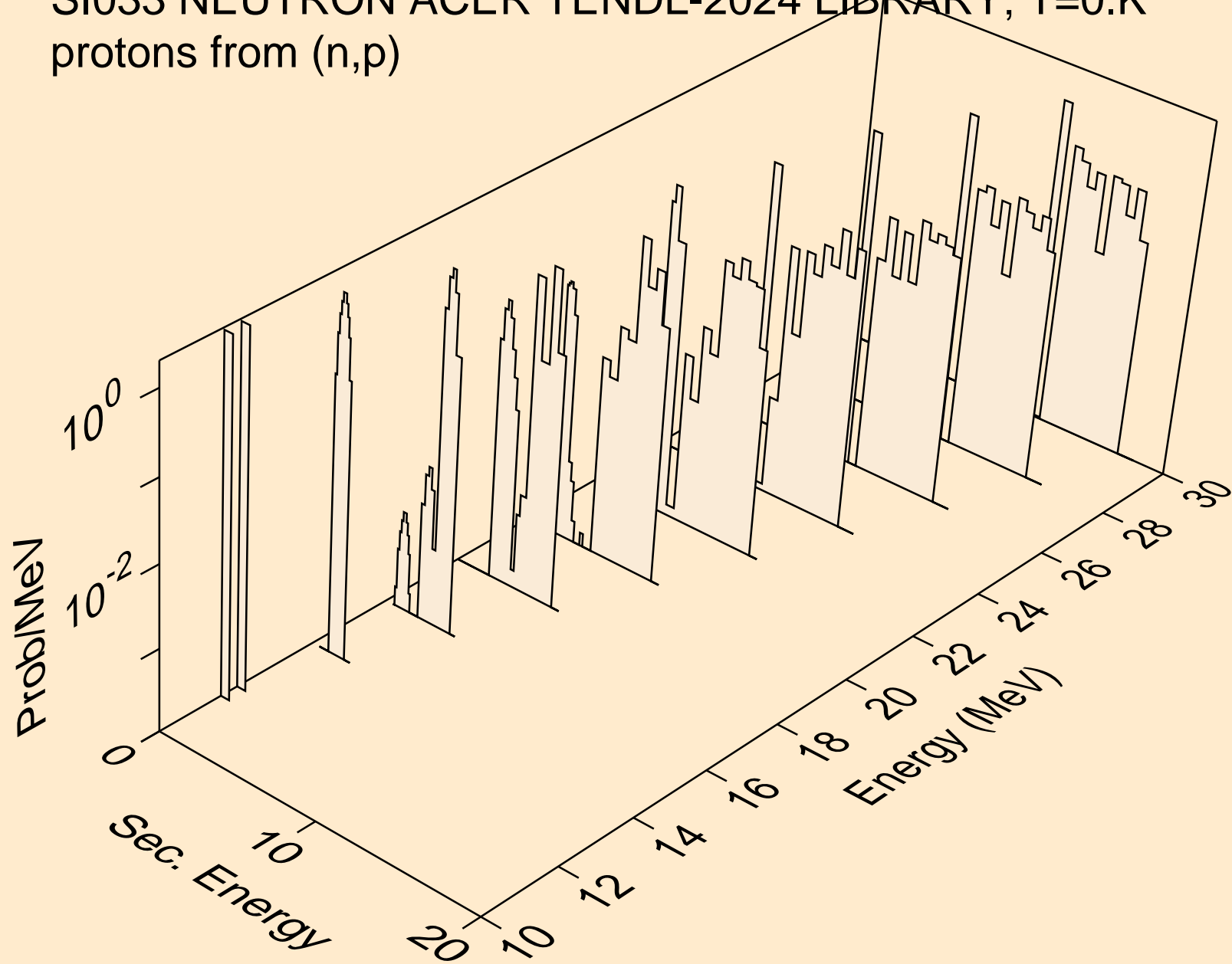
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



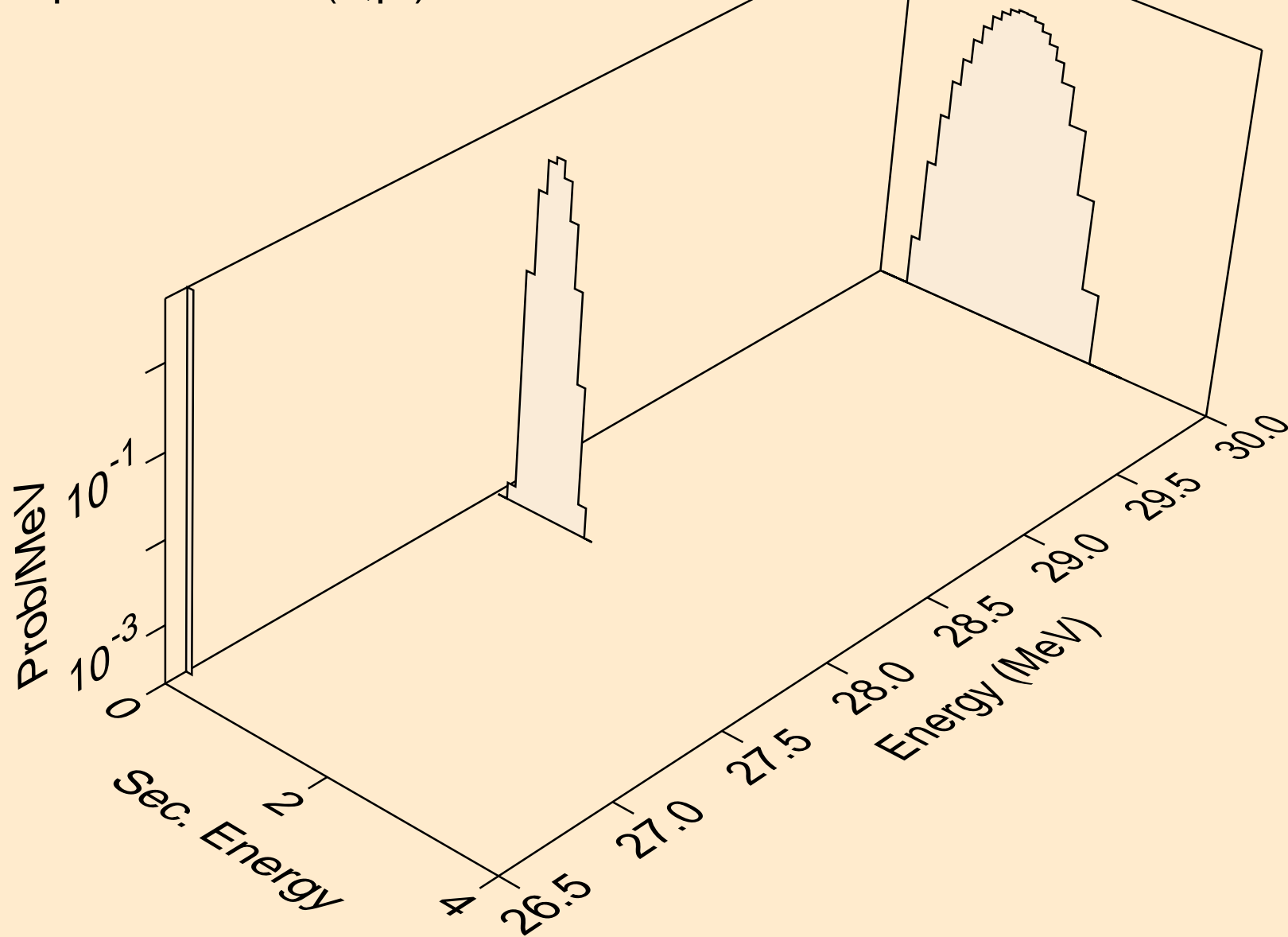
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

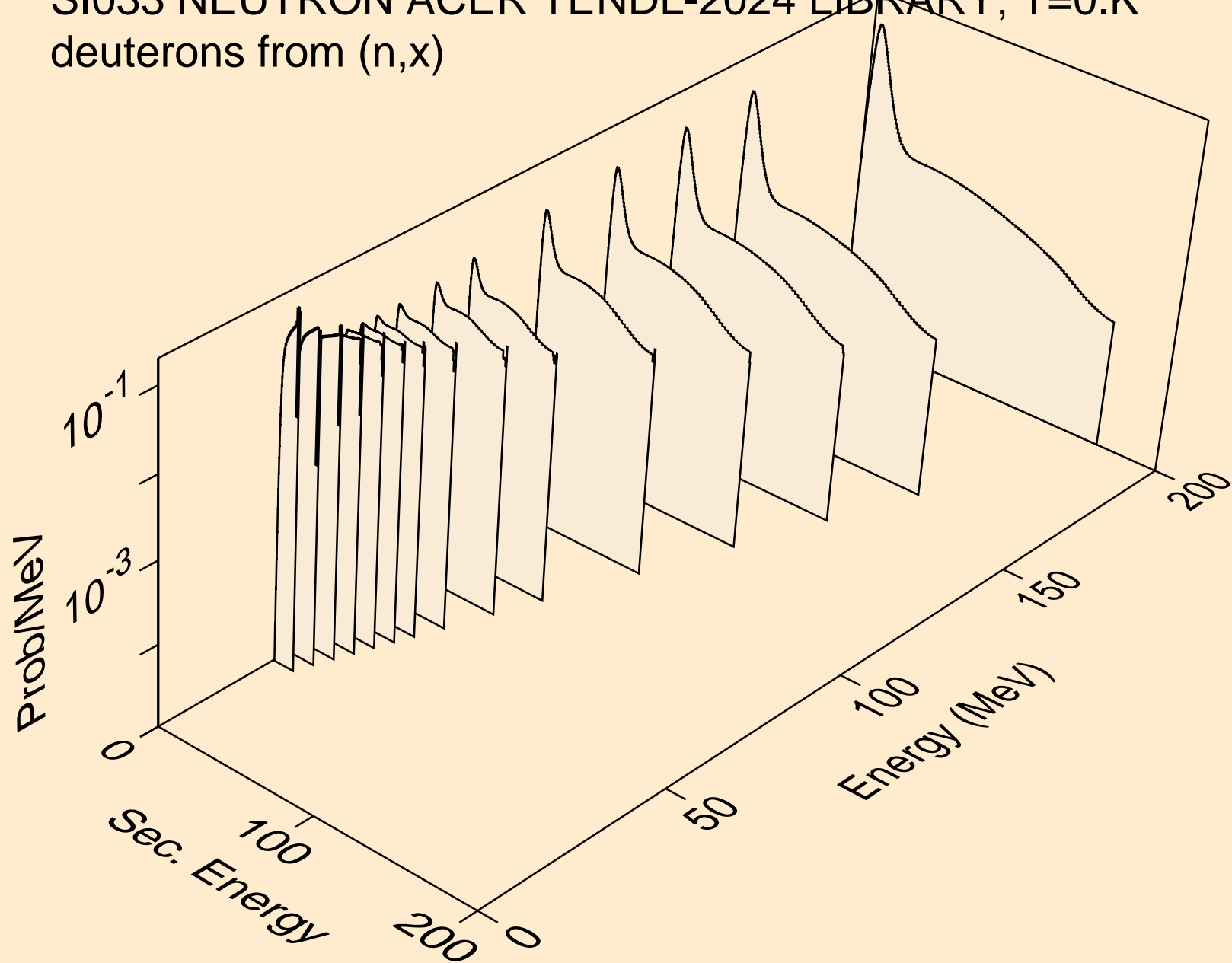


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

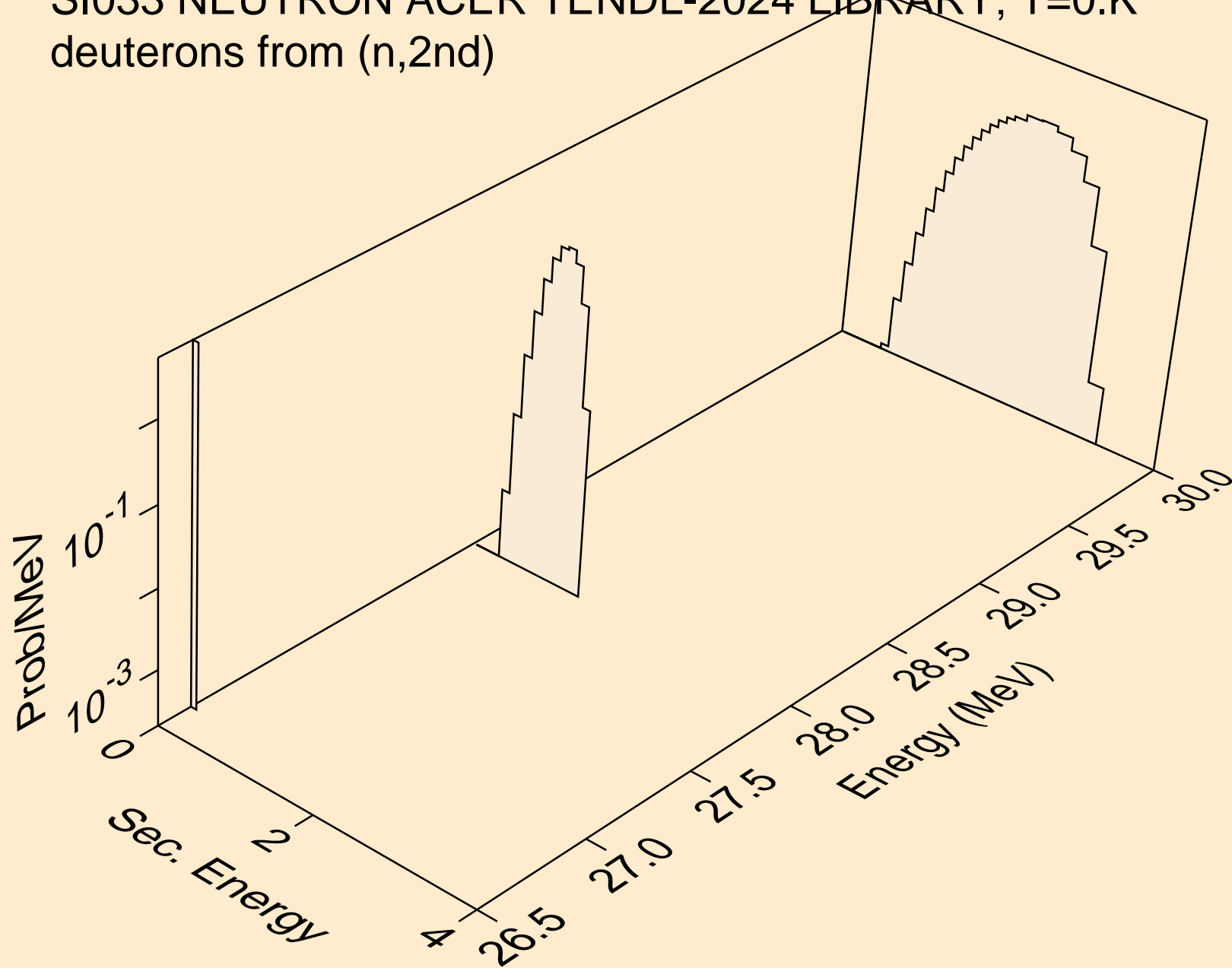




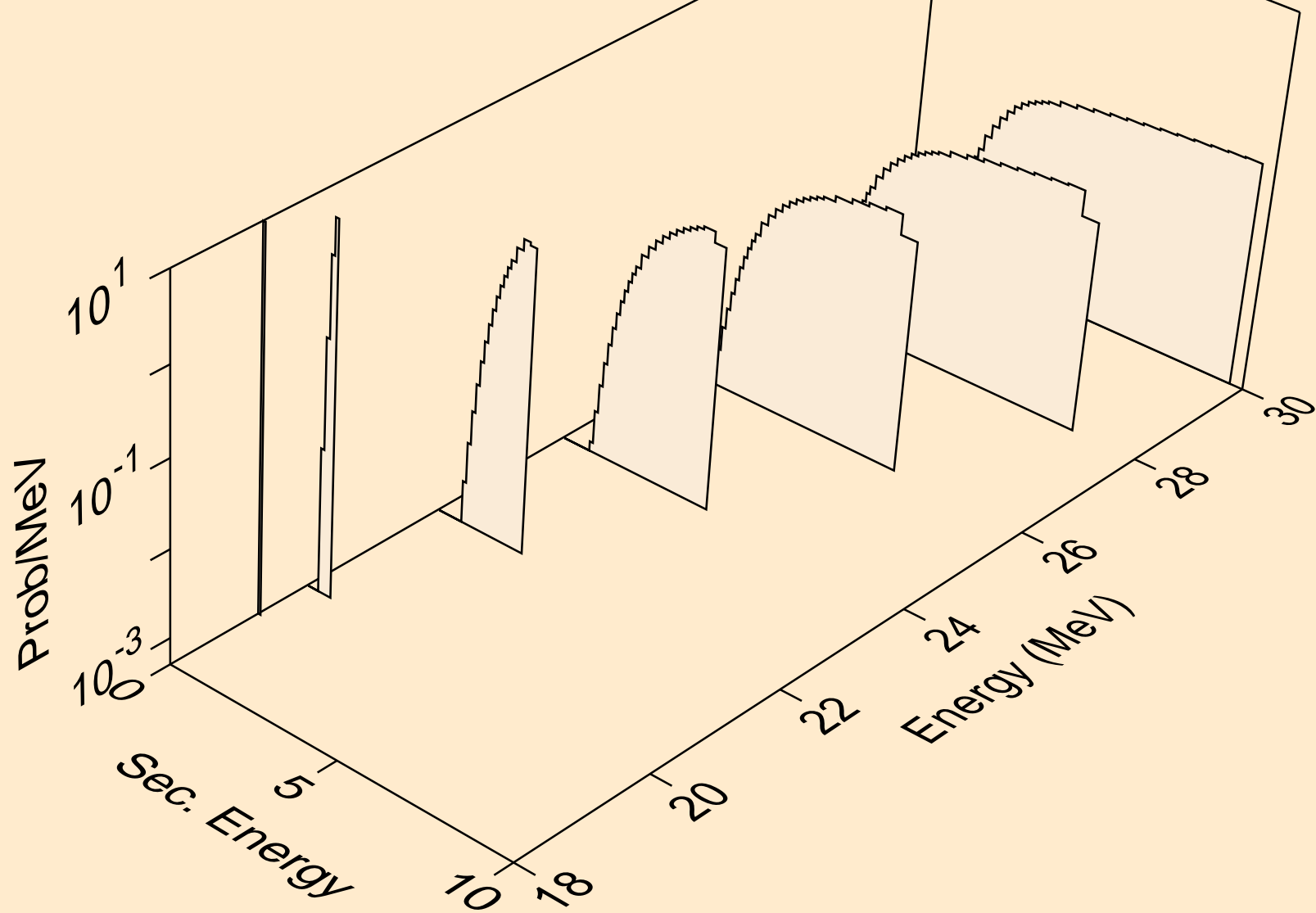
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deuterons from (n,x)



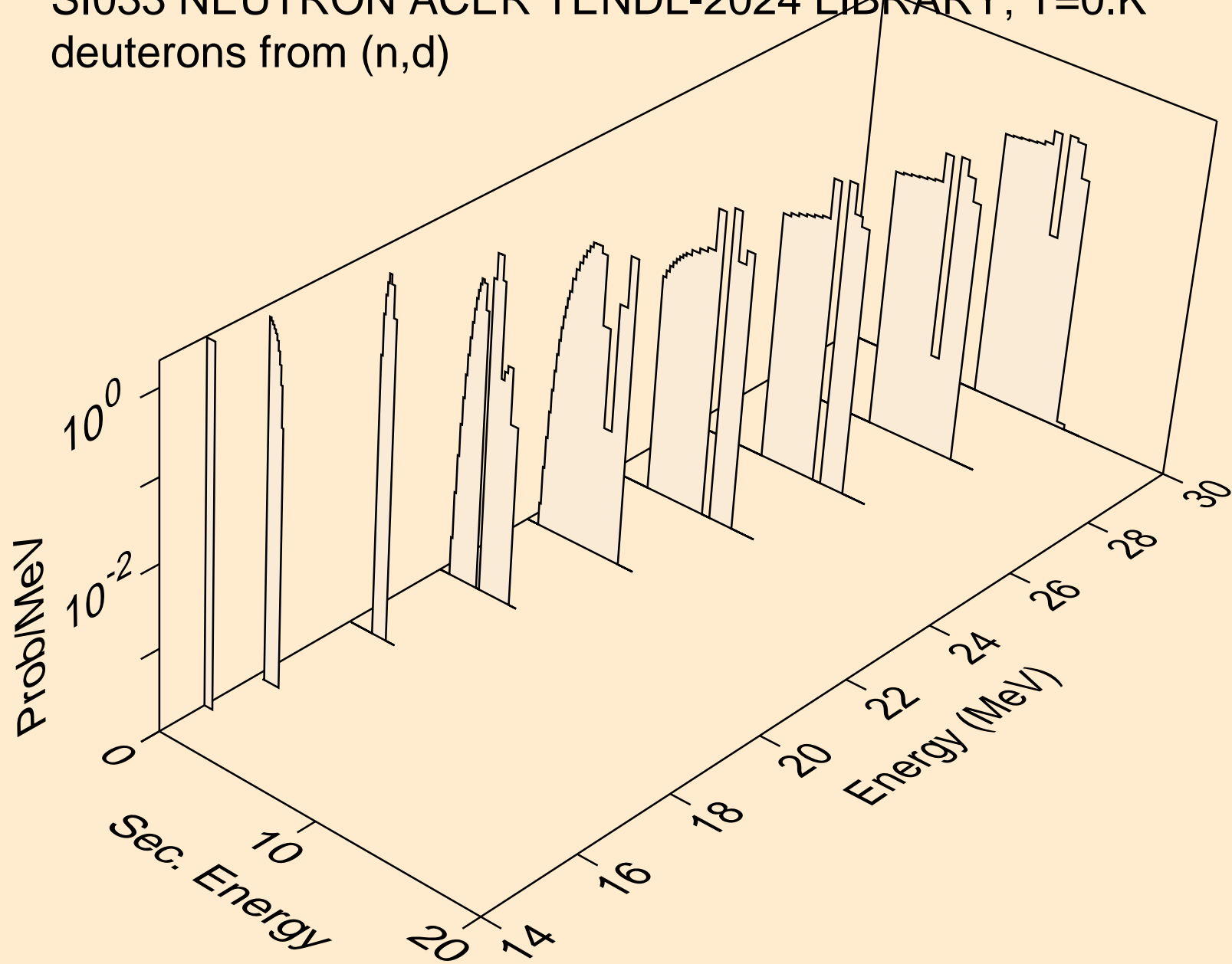
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deuterons from (n,2nd)



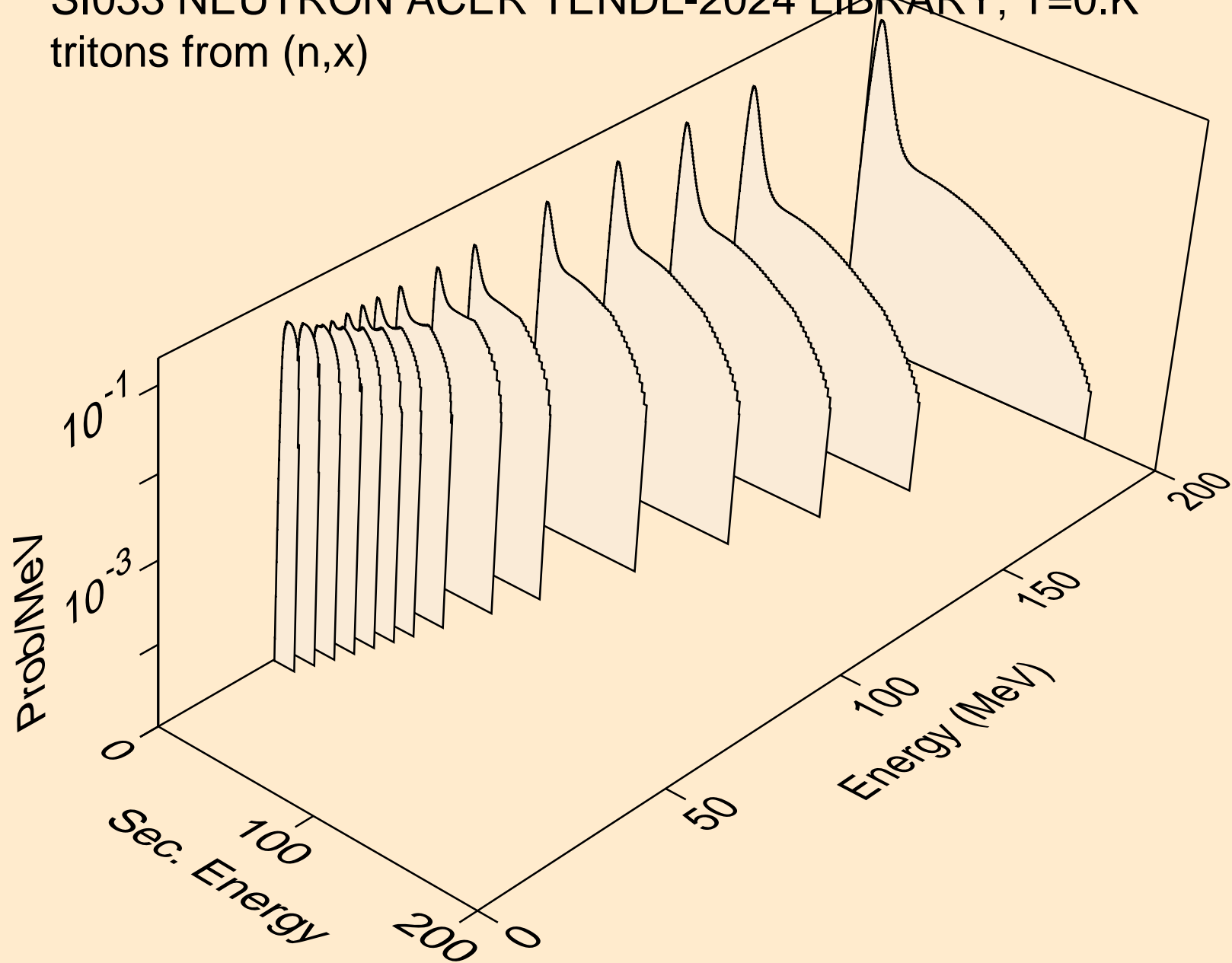
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deuterons from (n,n\*)d



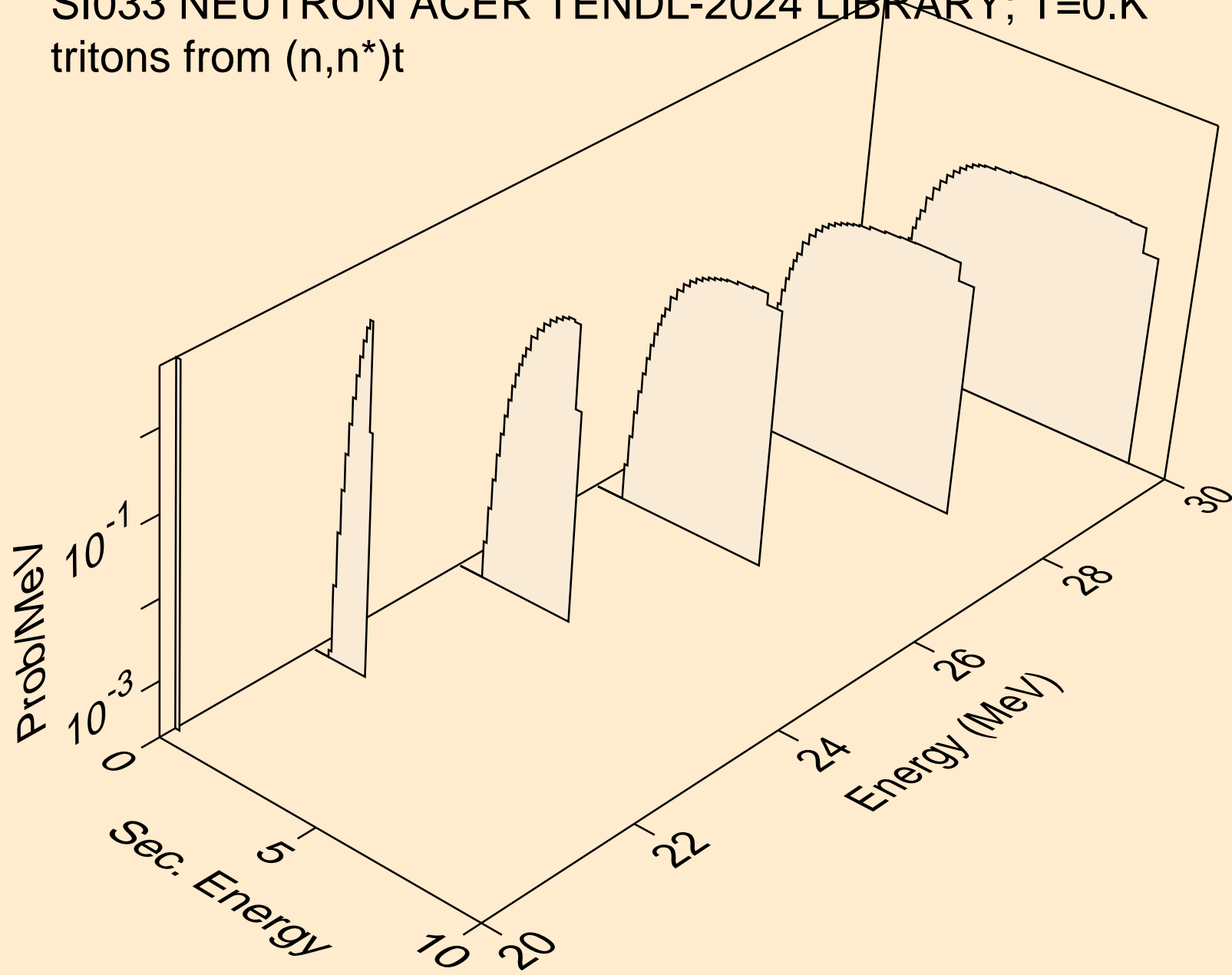
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deuterons from (n,d)



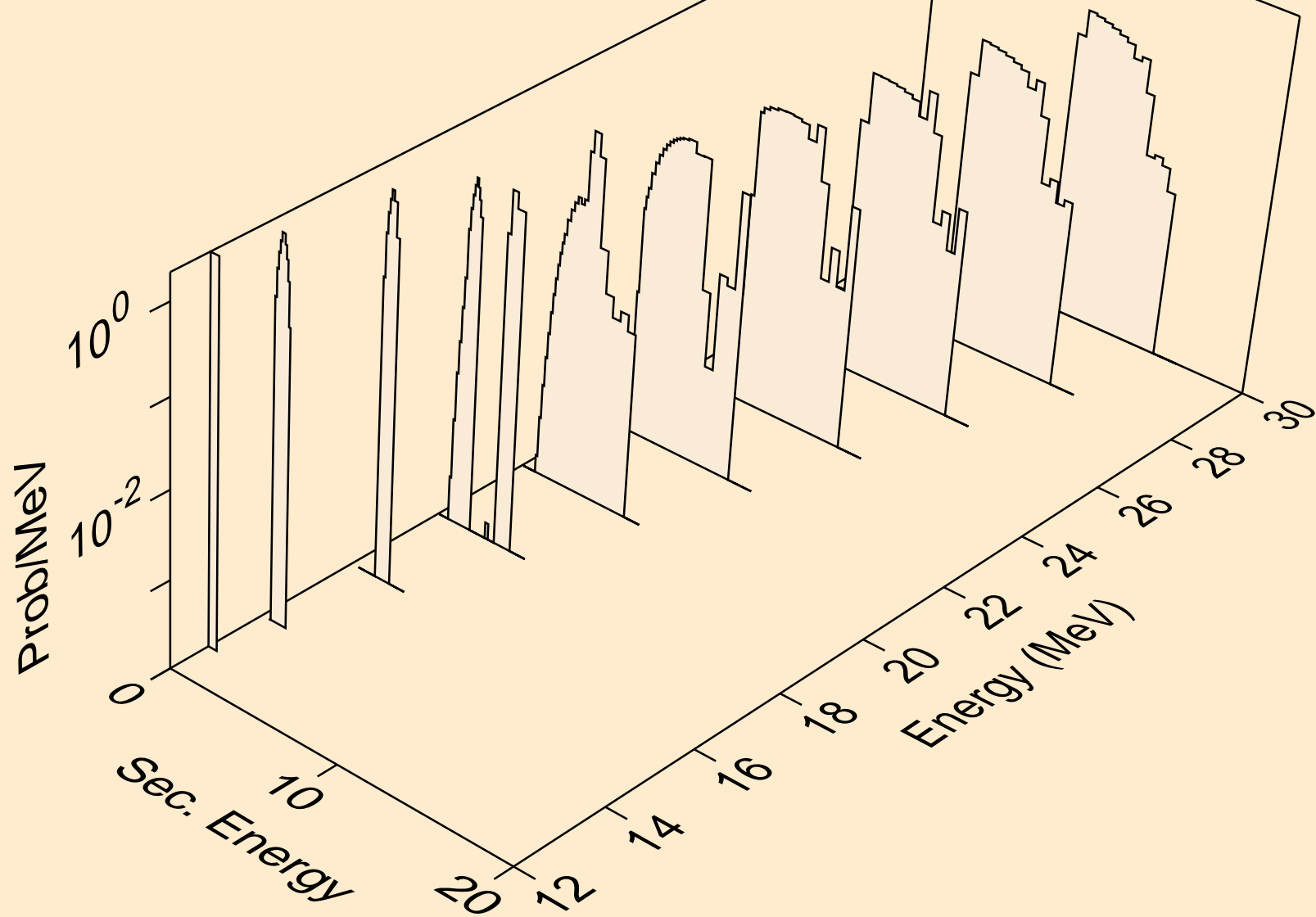
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



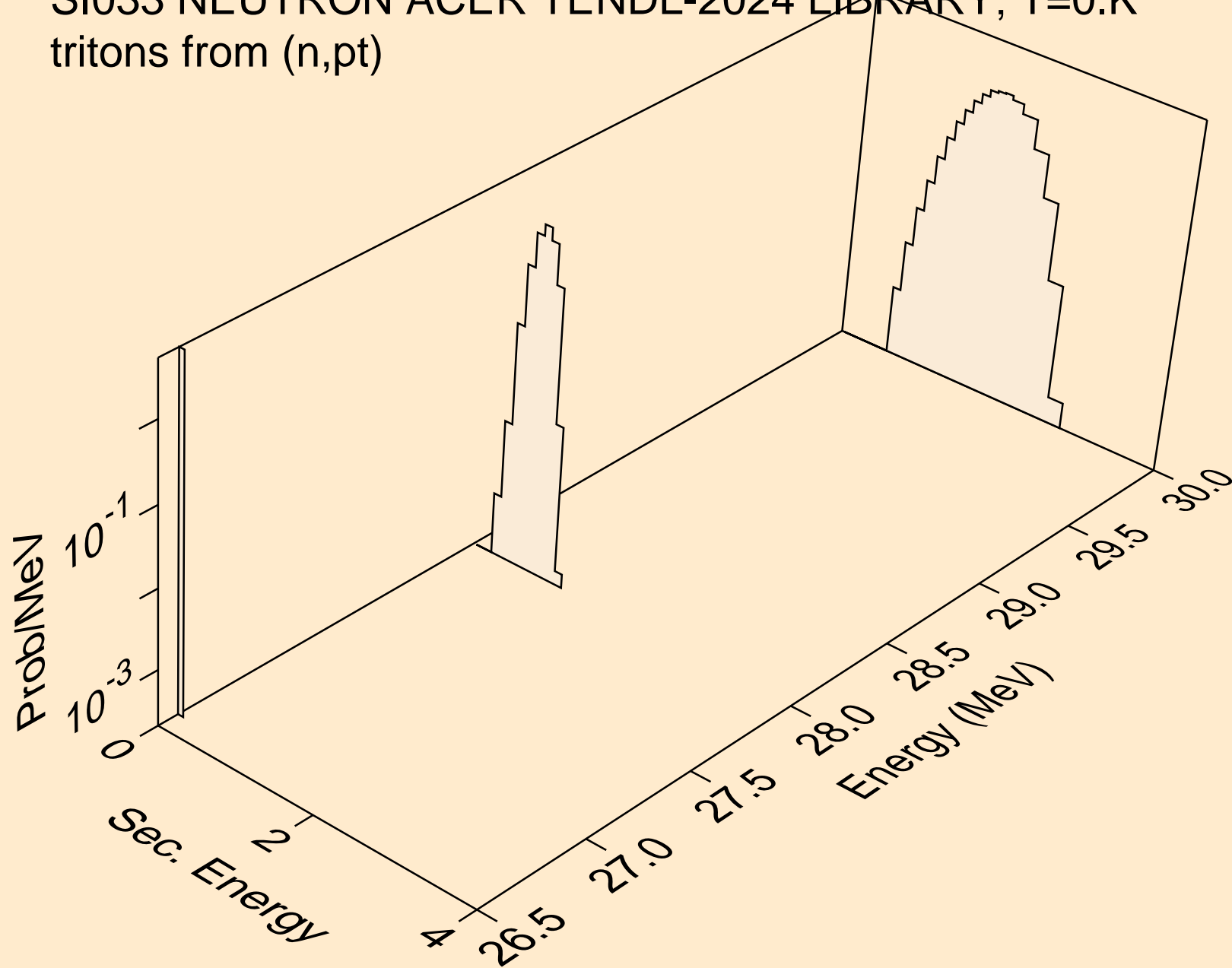
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

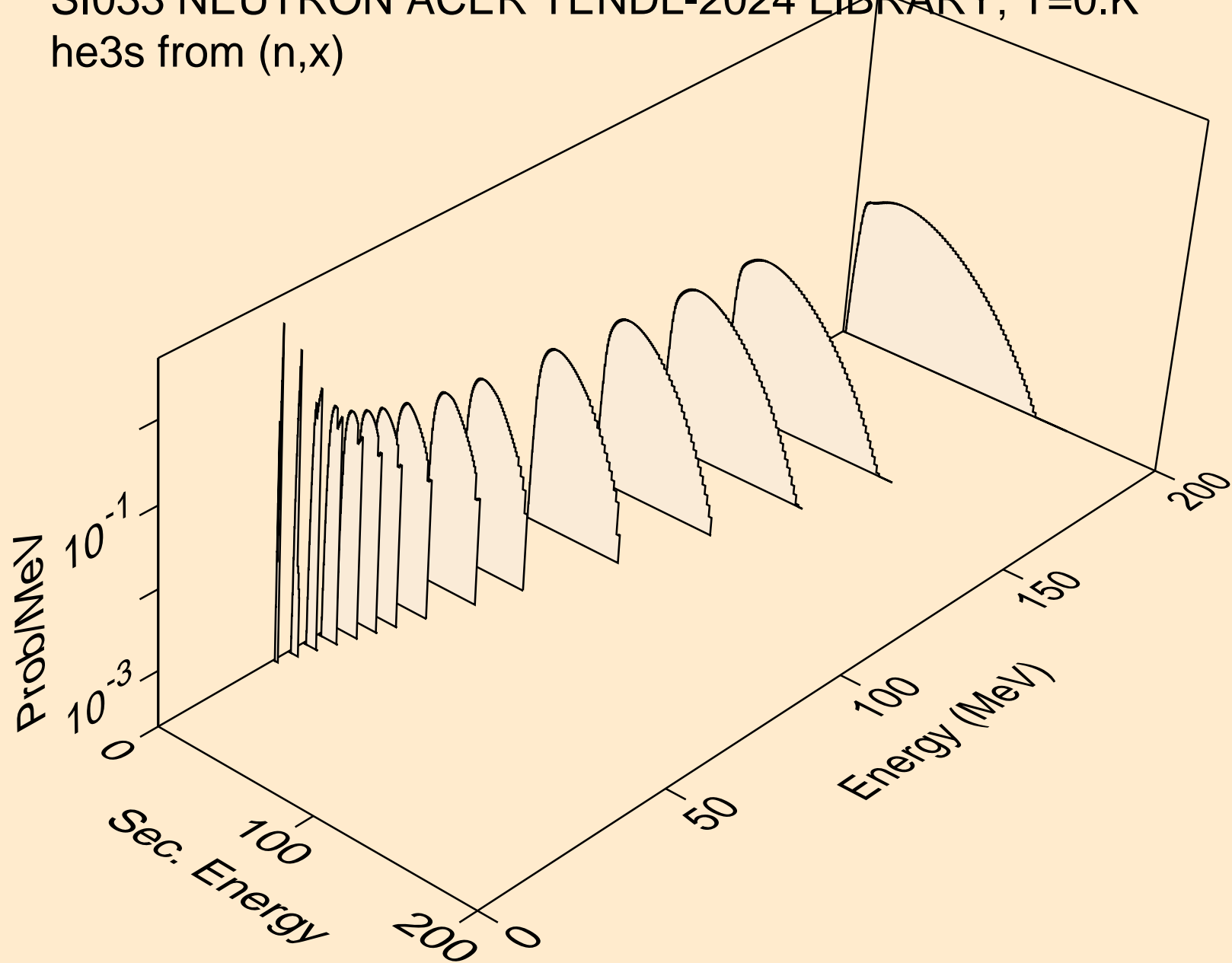


SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

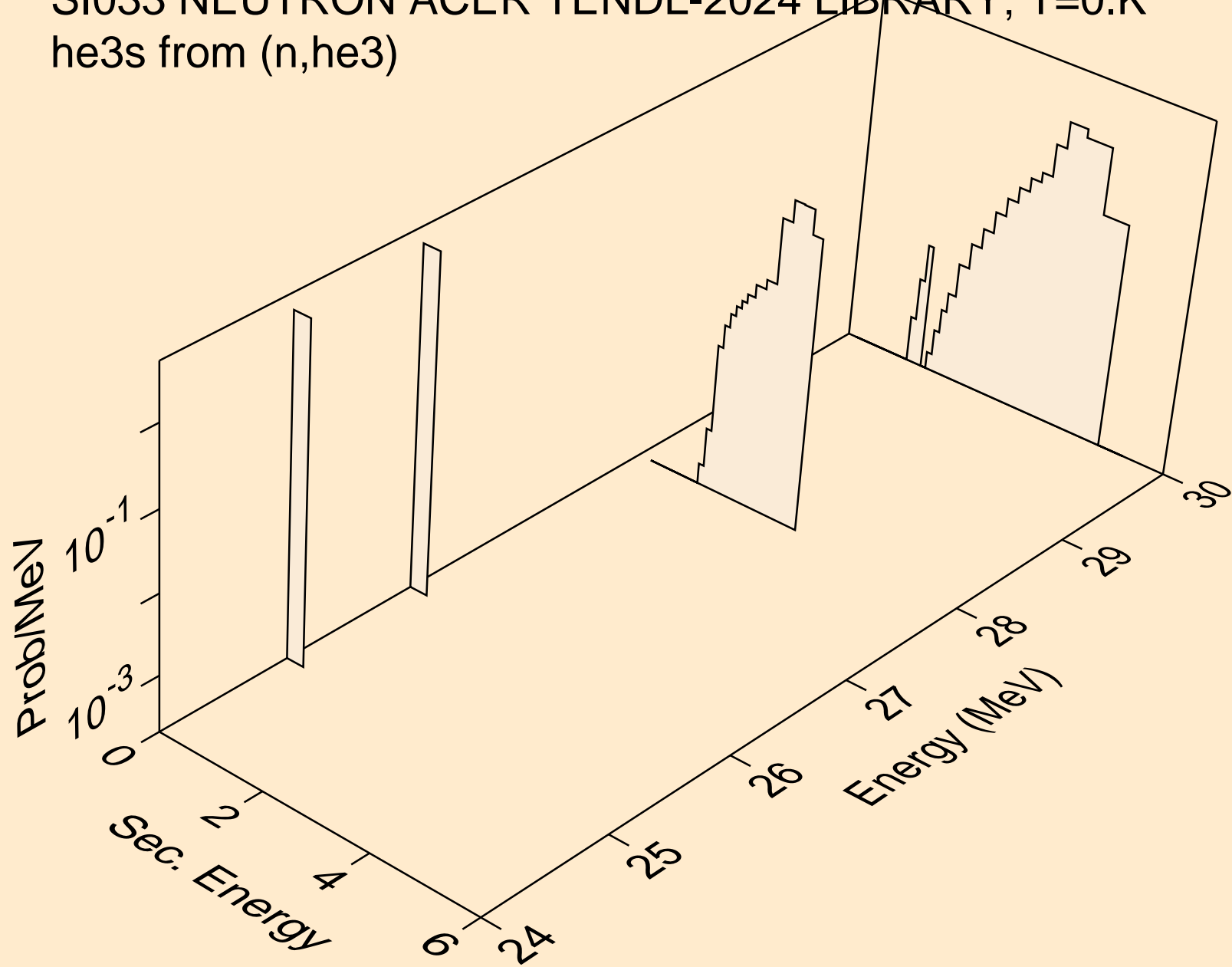




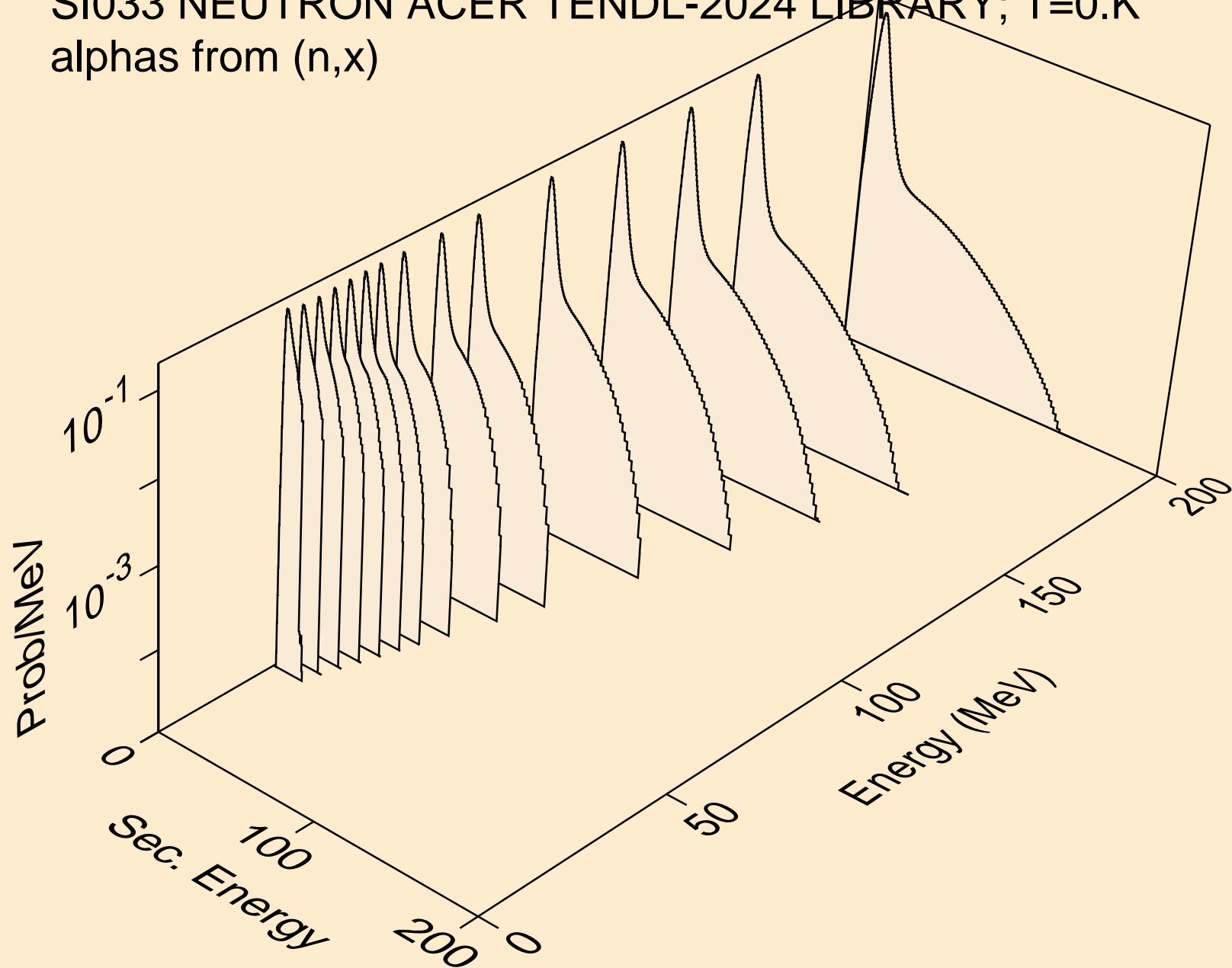
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he3s from (n,x)



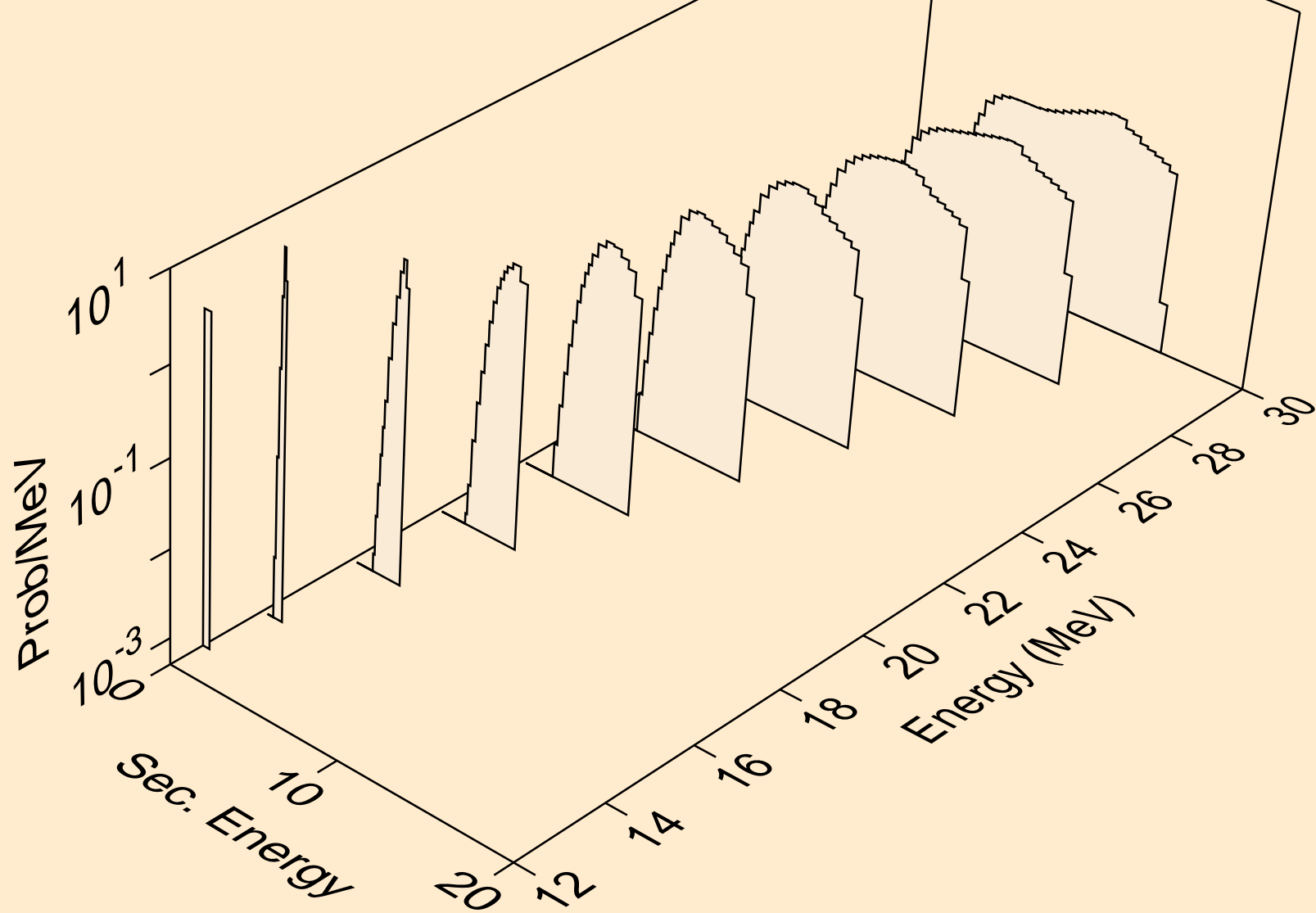
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



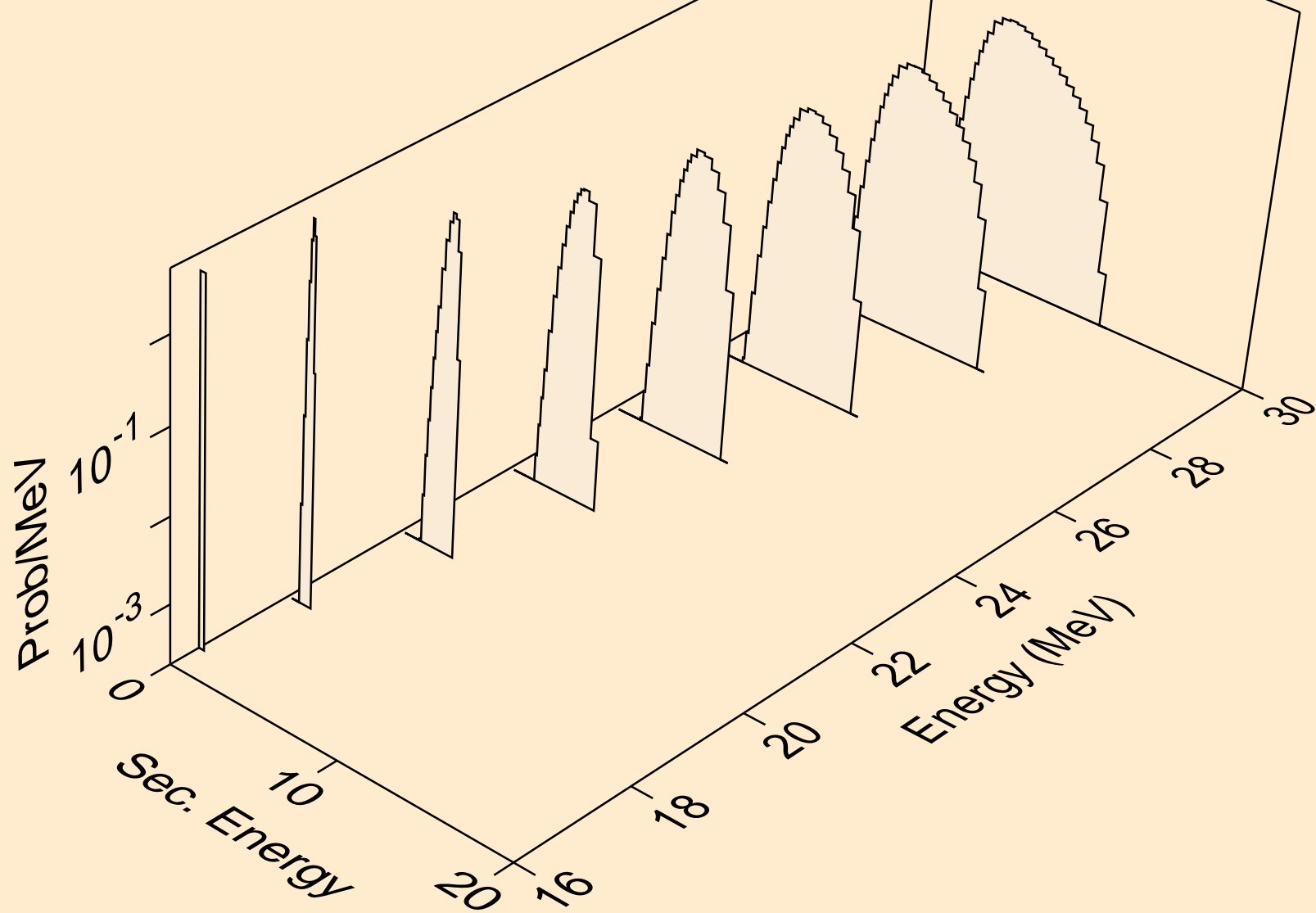
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



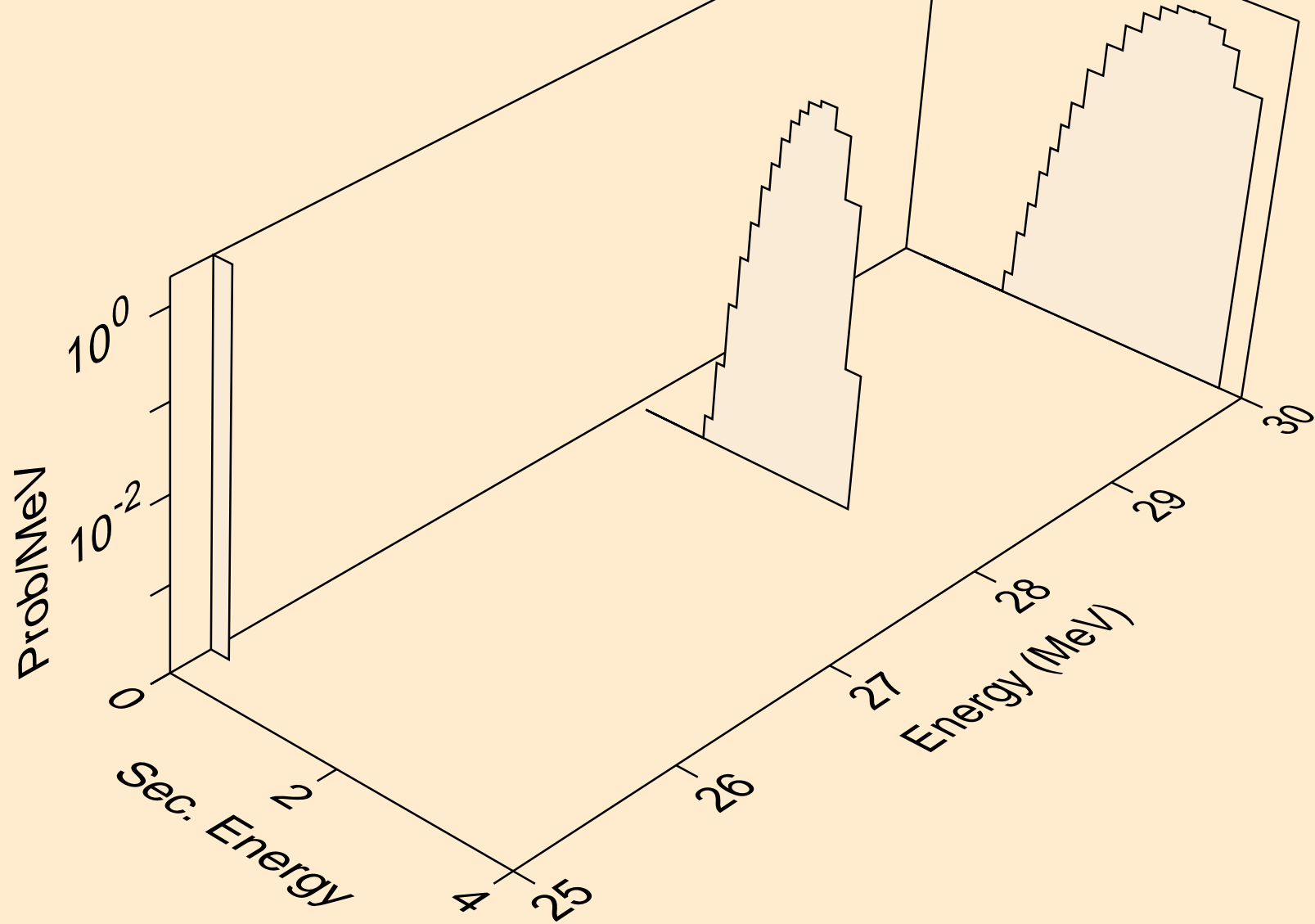
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



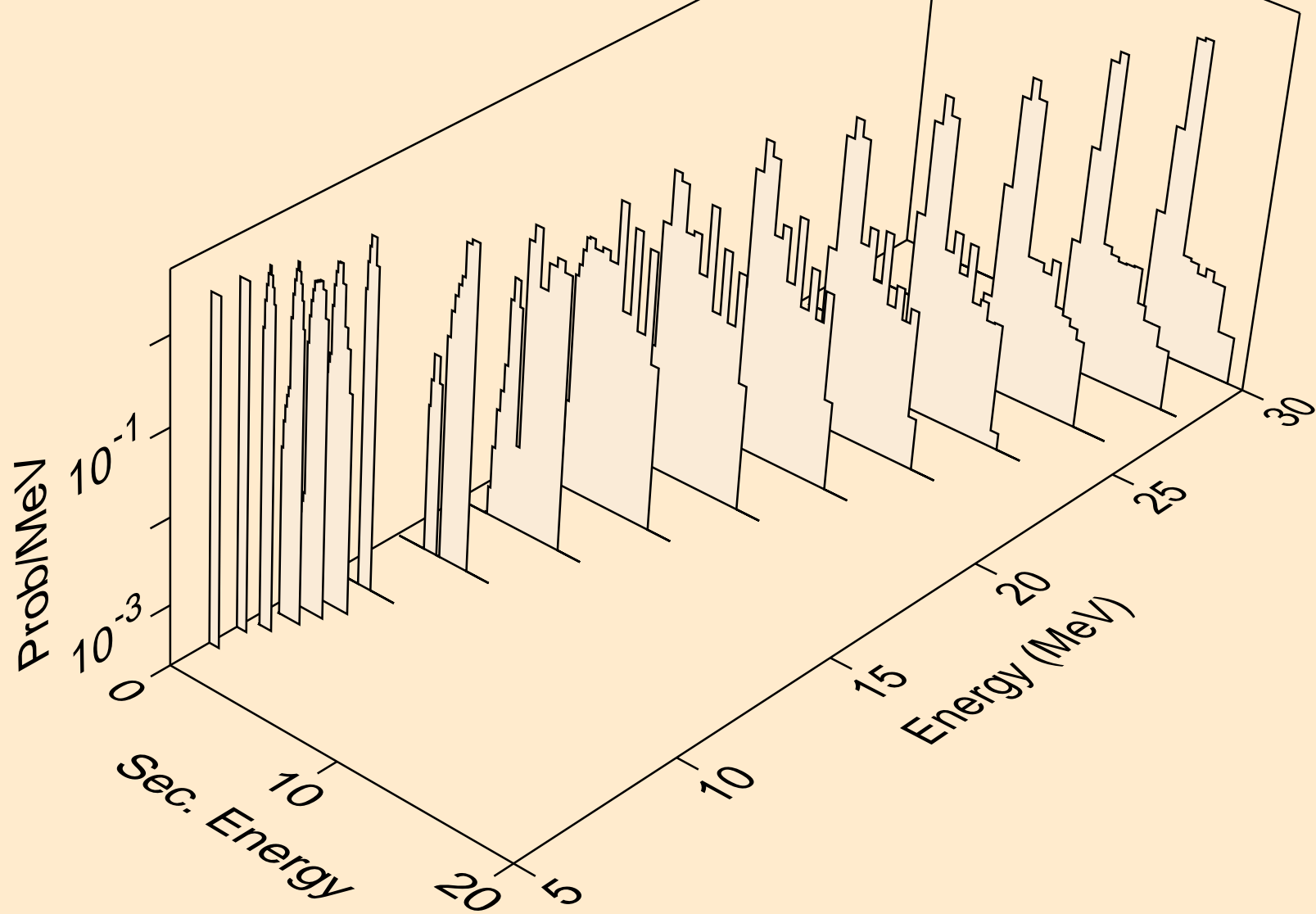
SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



SI033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

