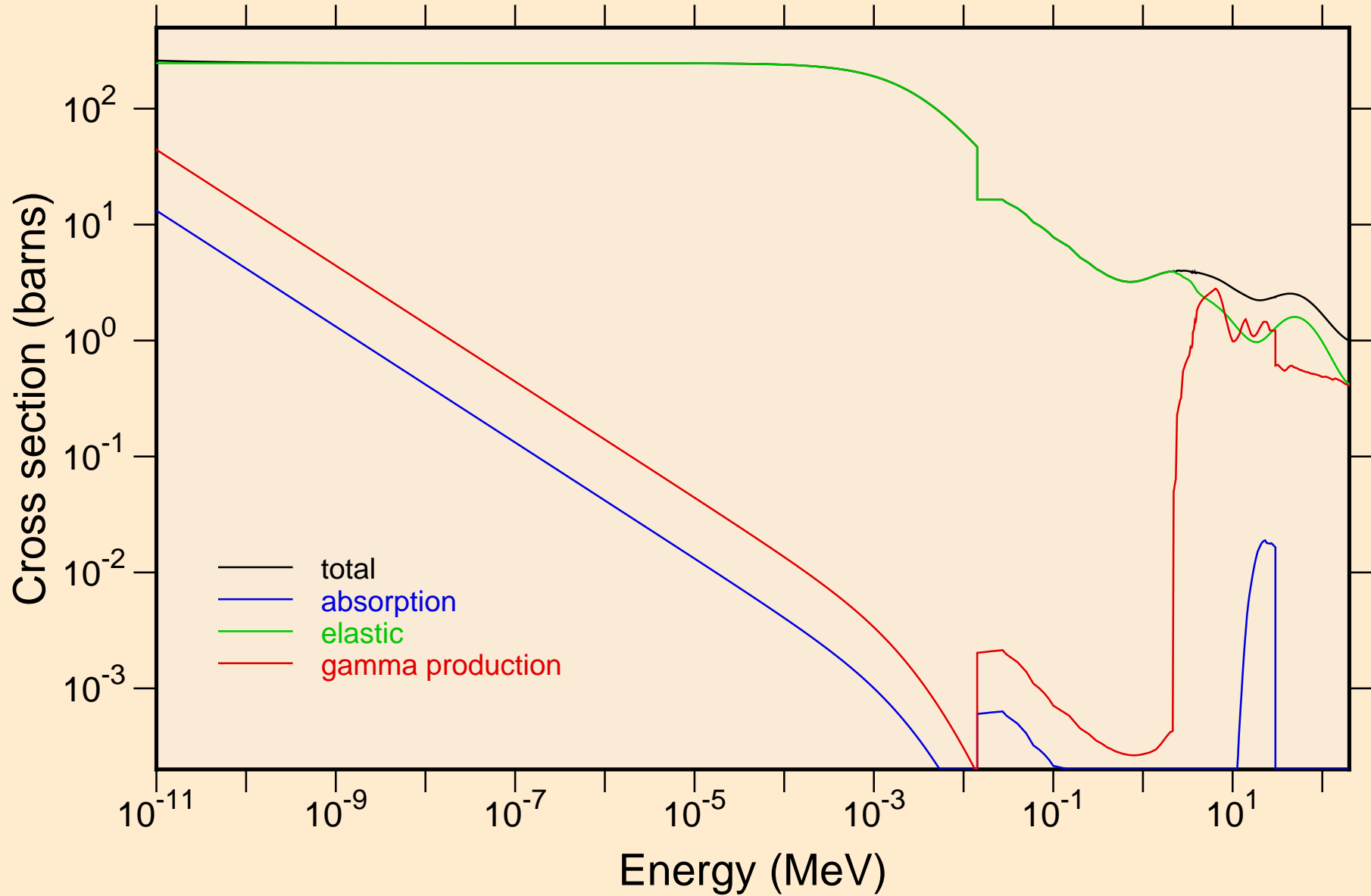


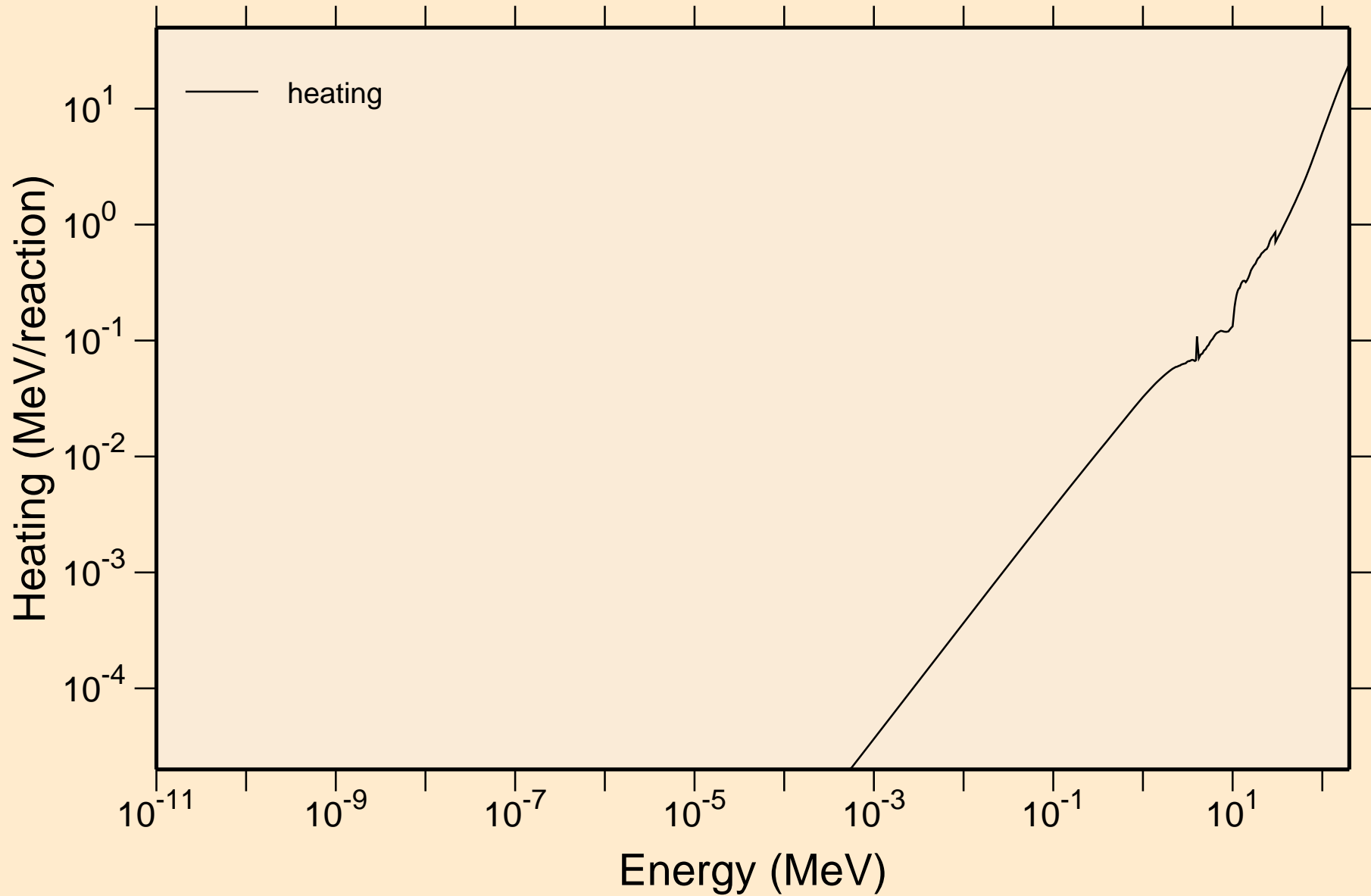
# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



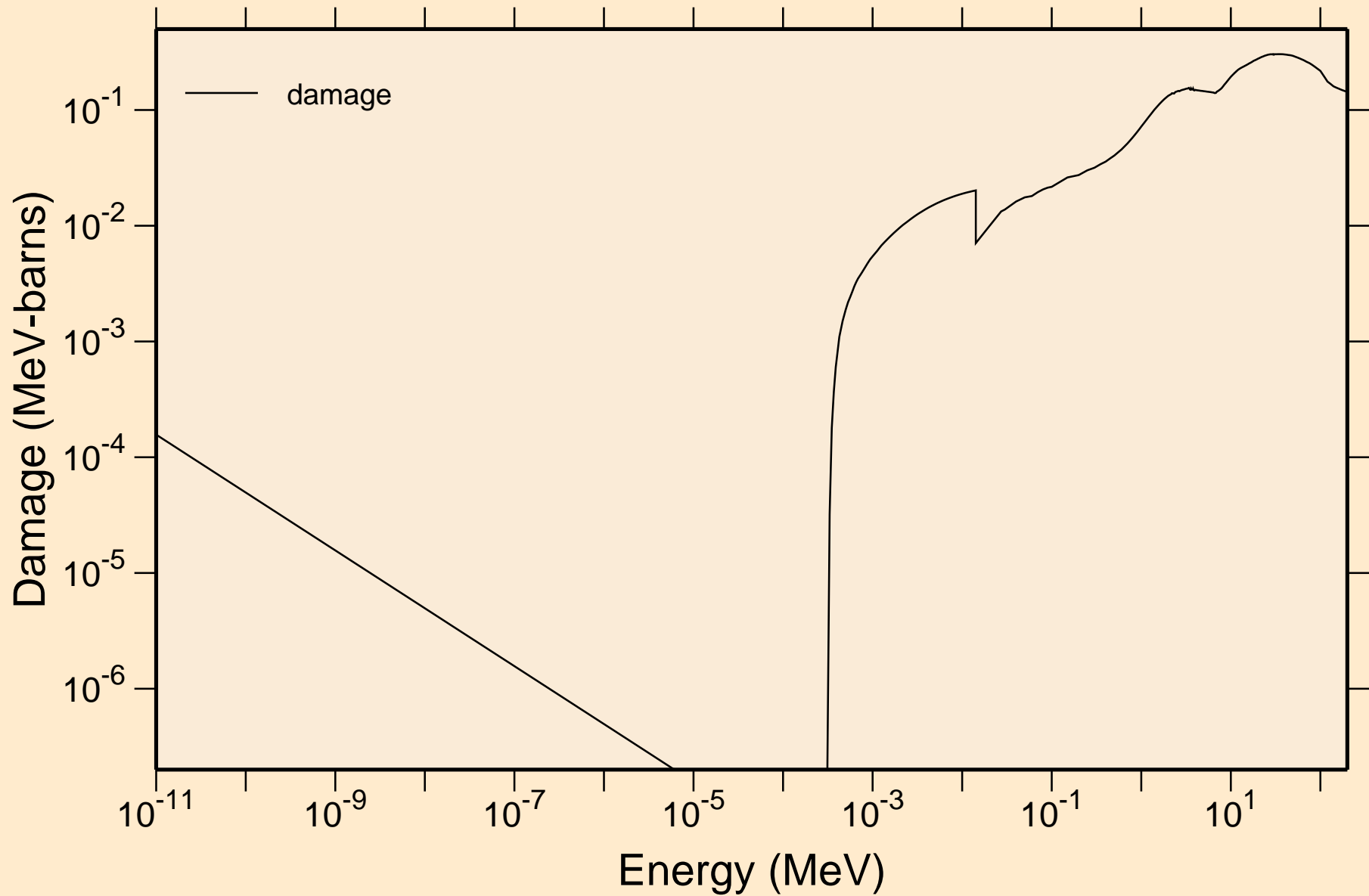
# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

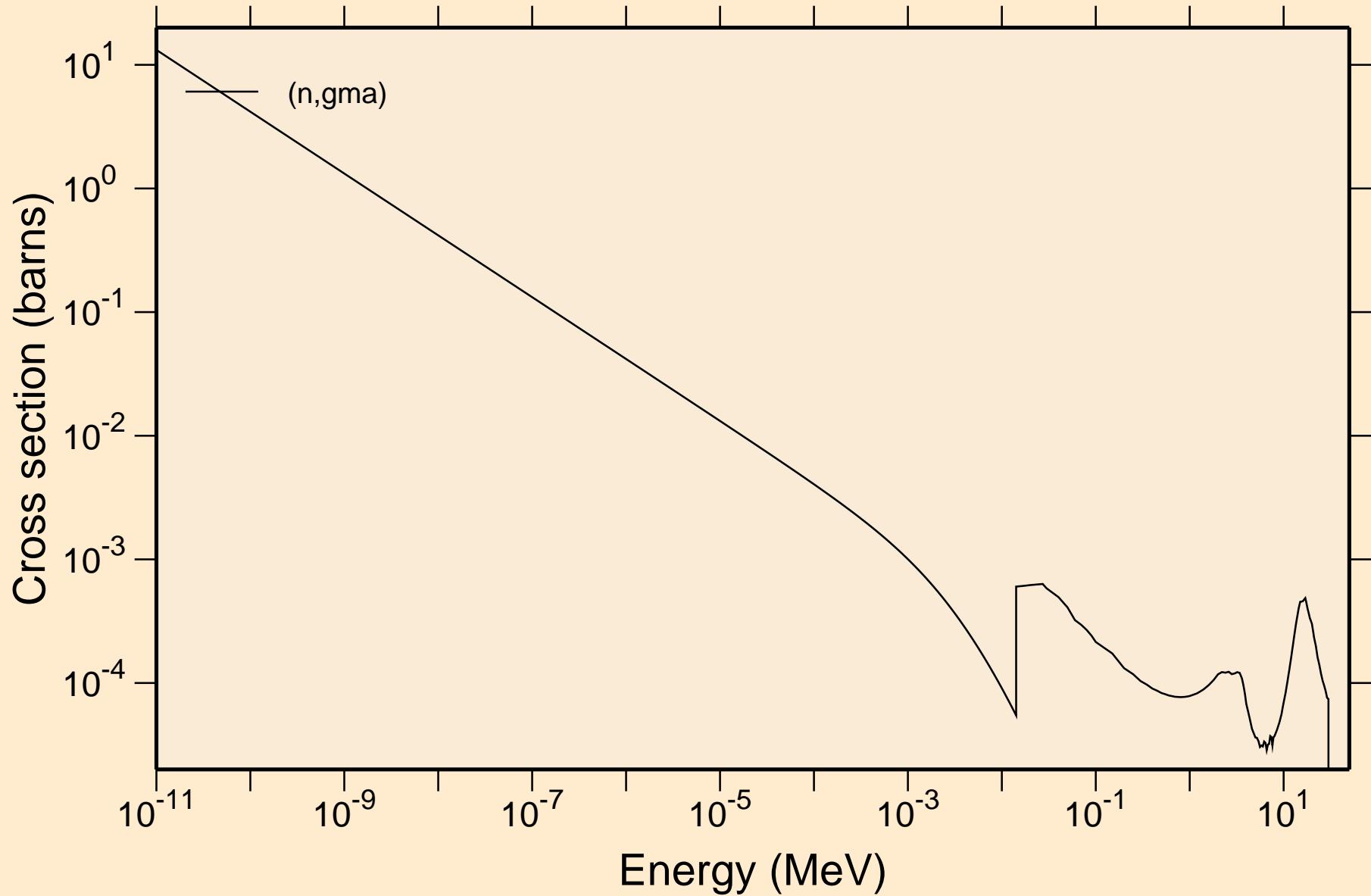


# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

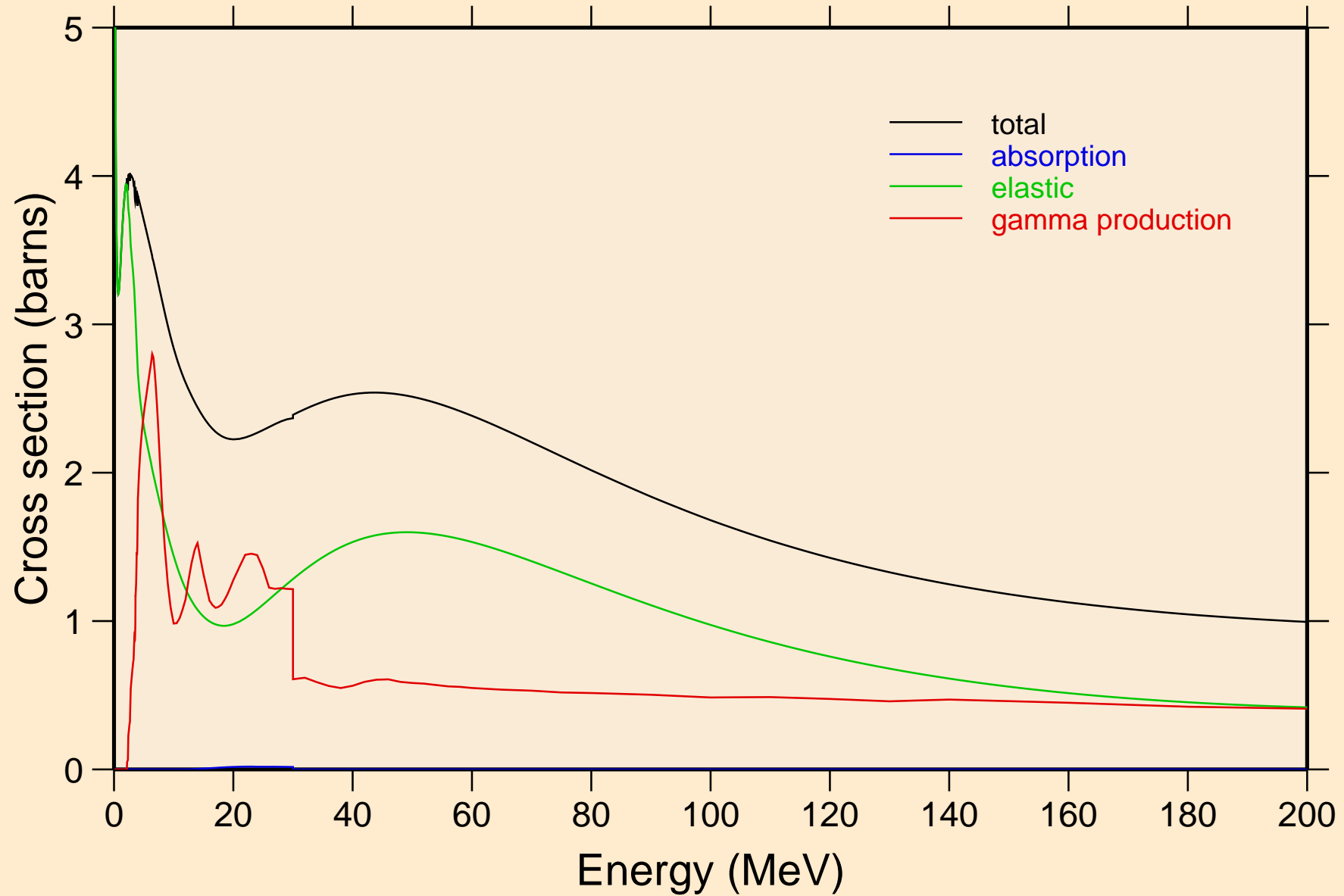


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



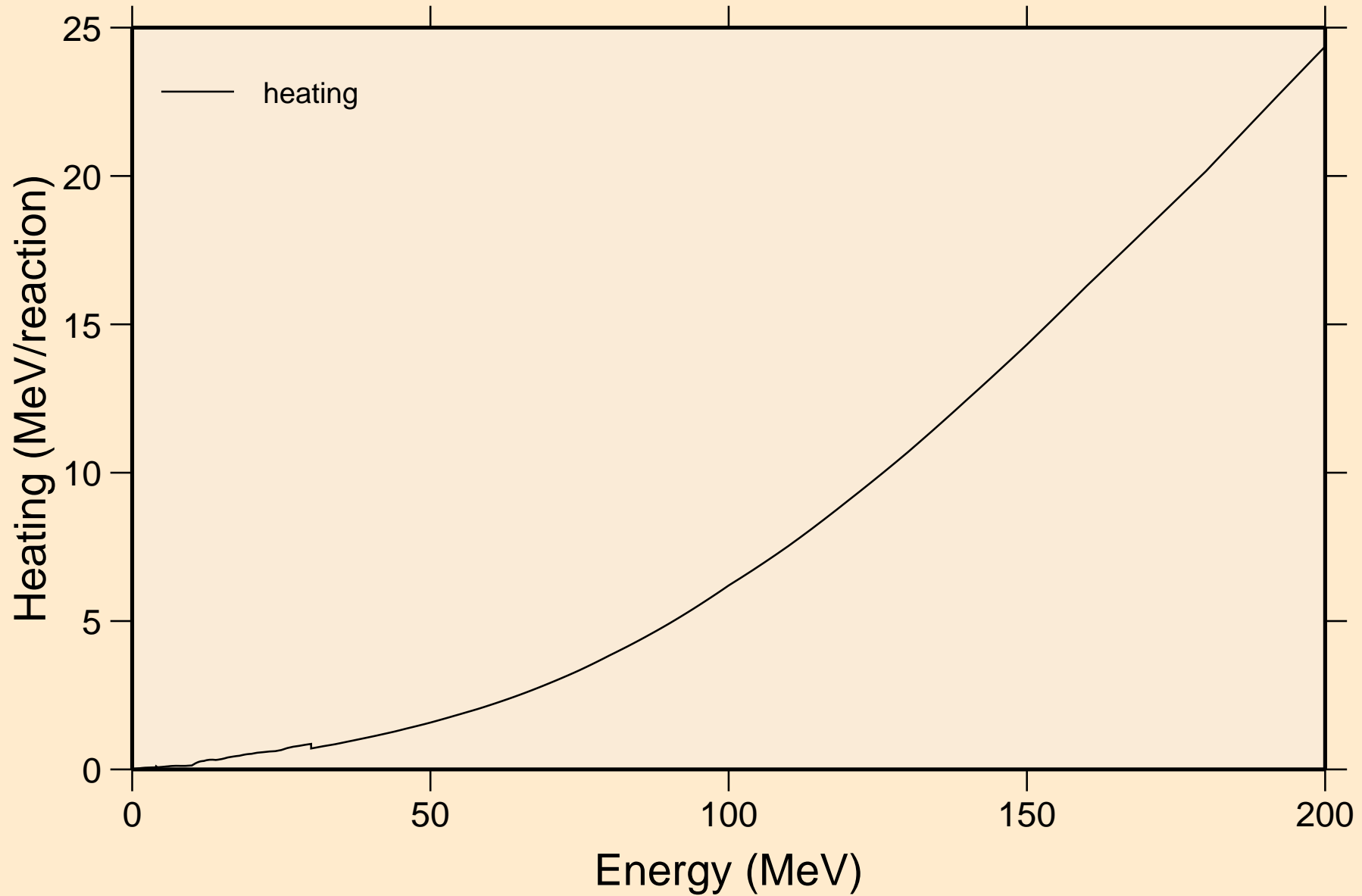
# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



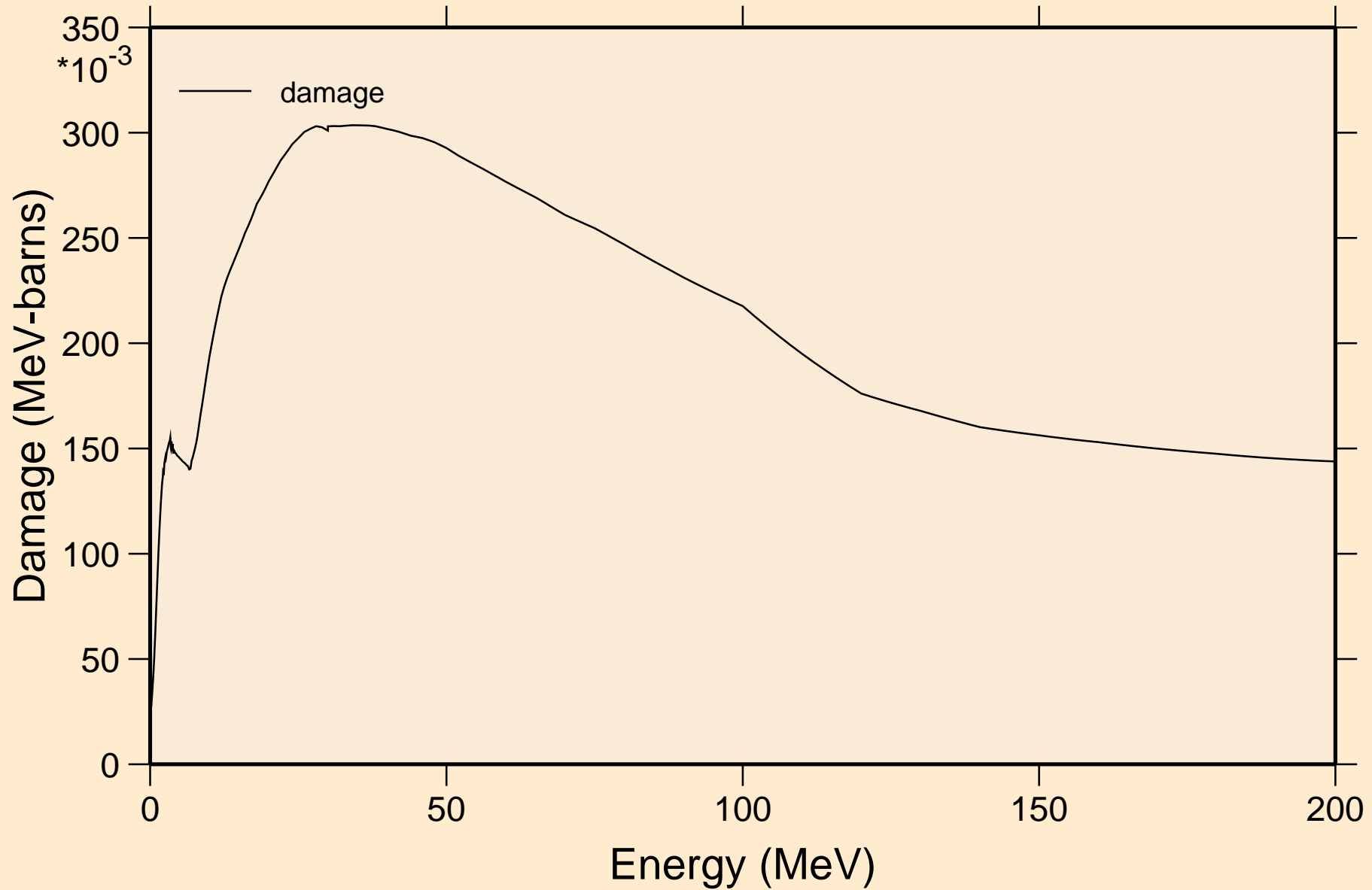
# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

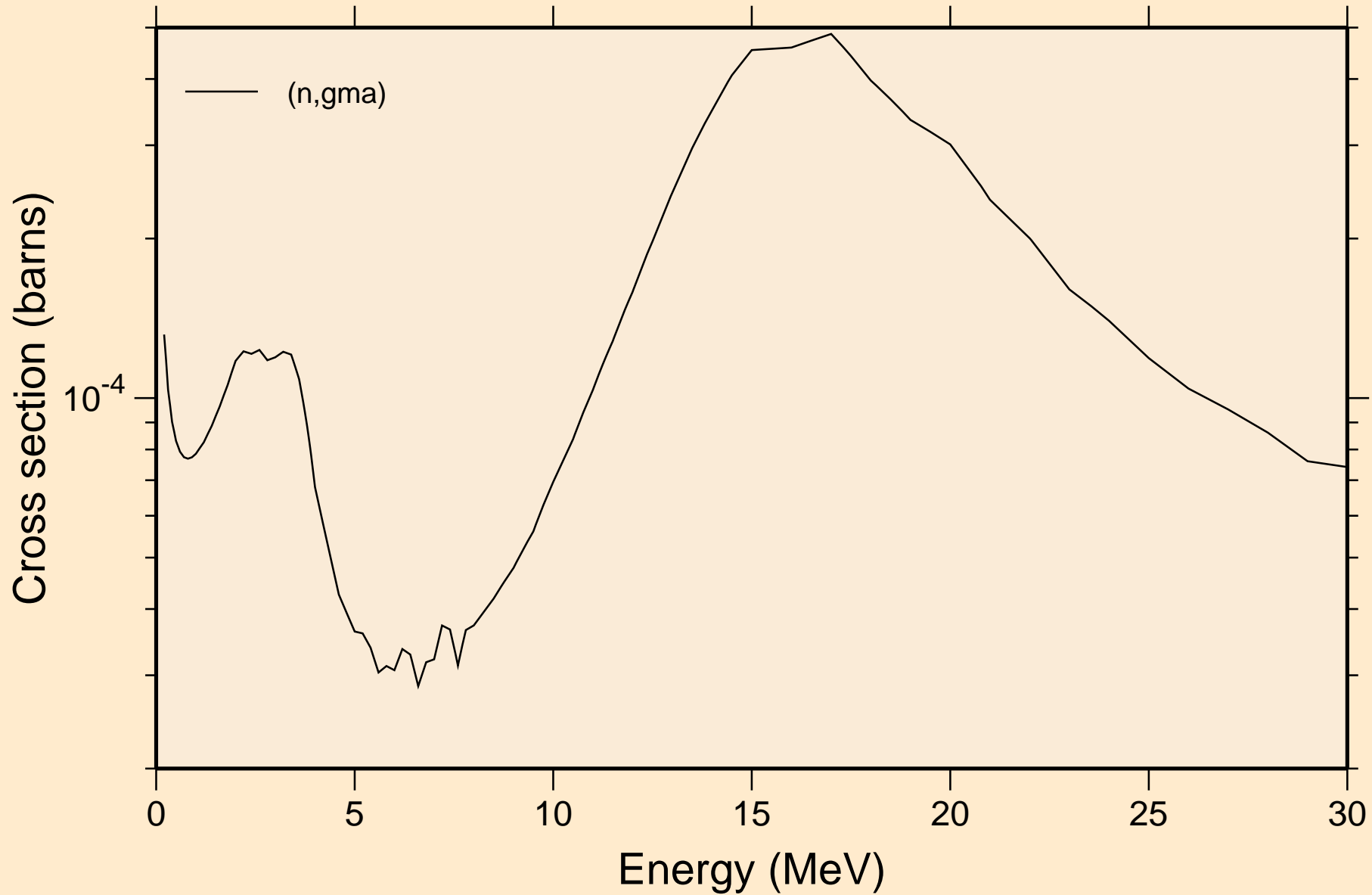


# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



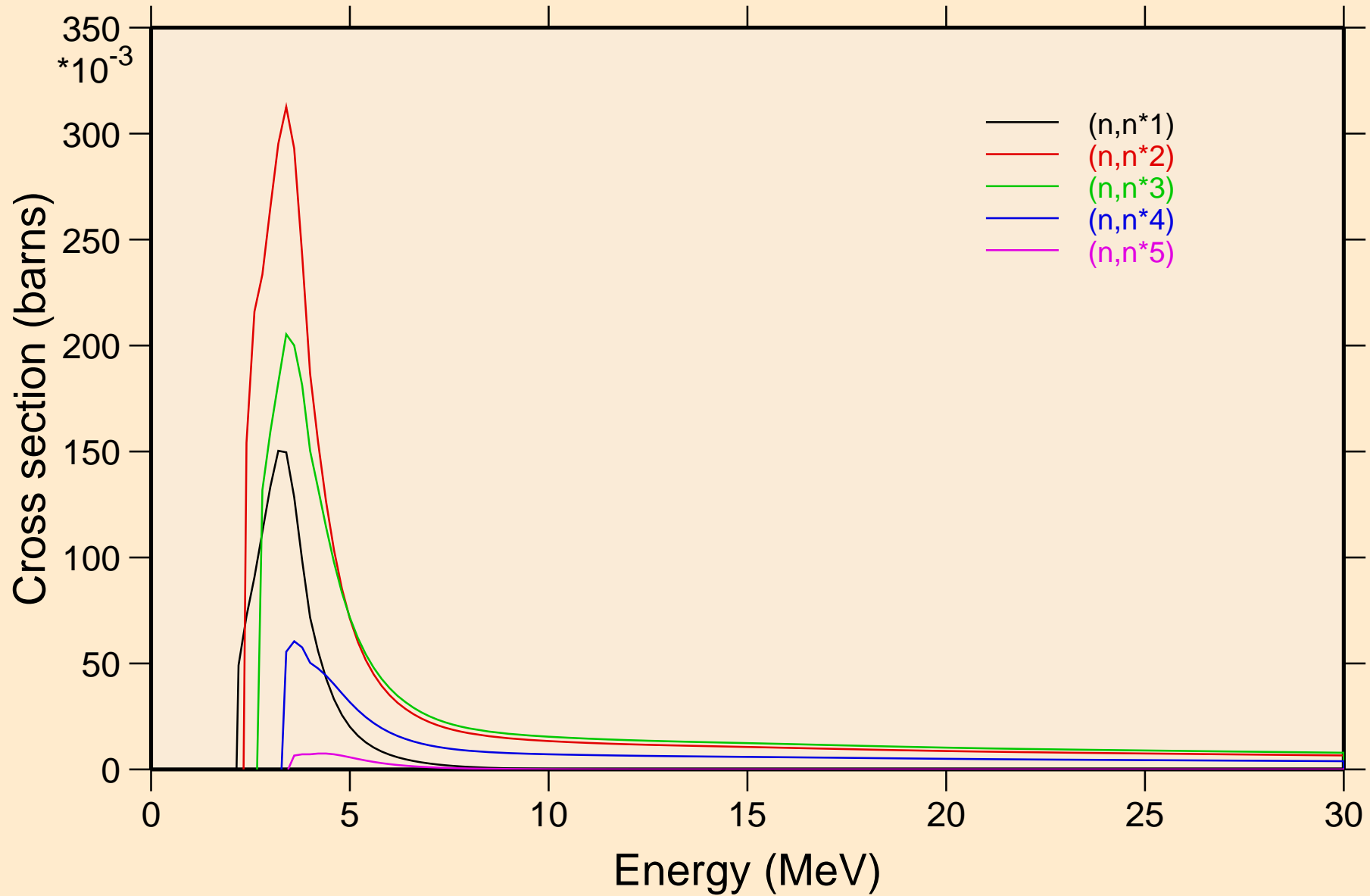
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



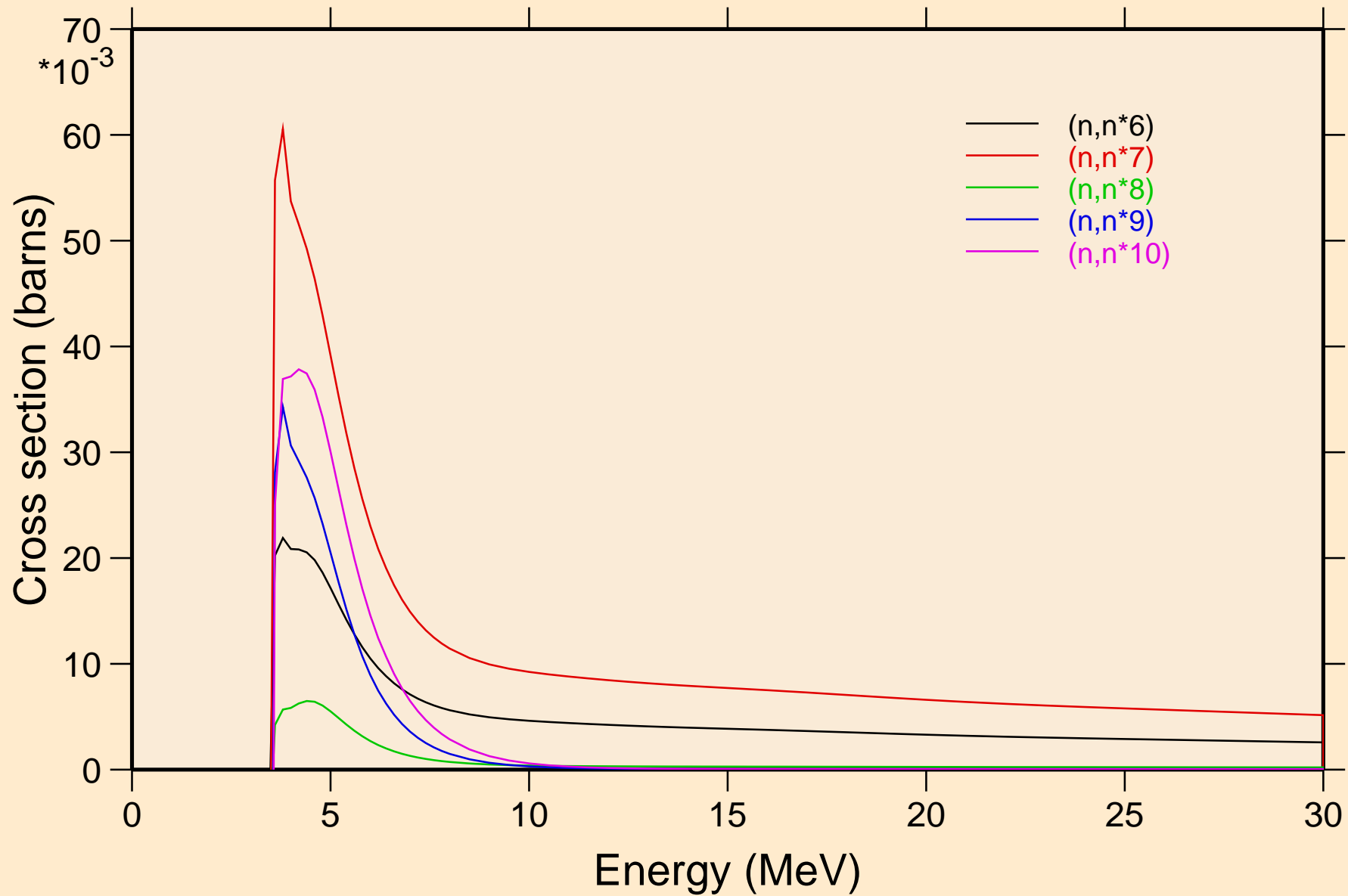


# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

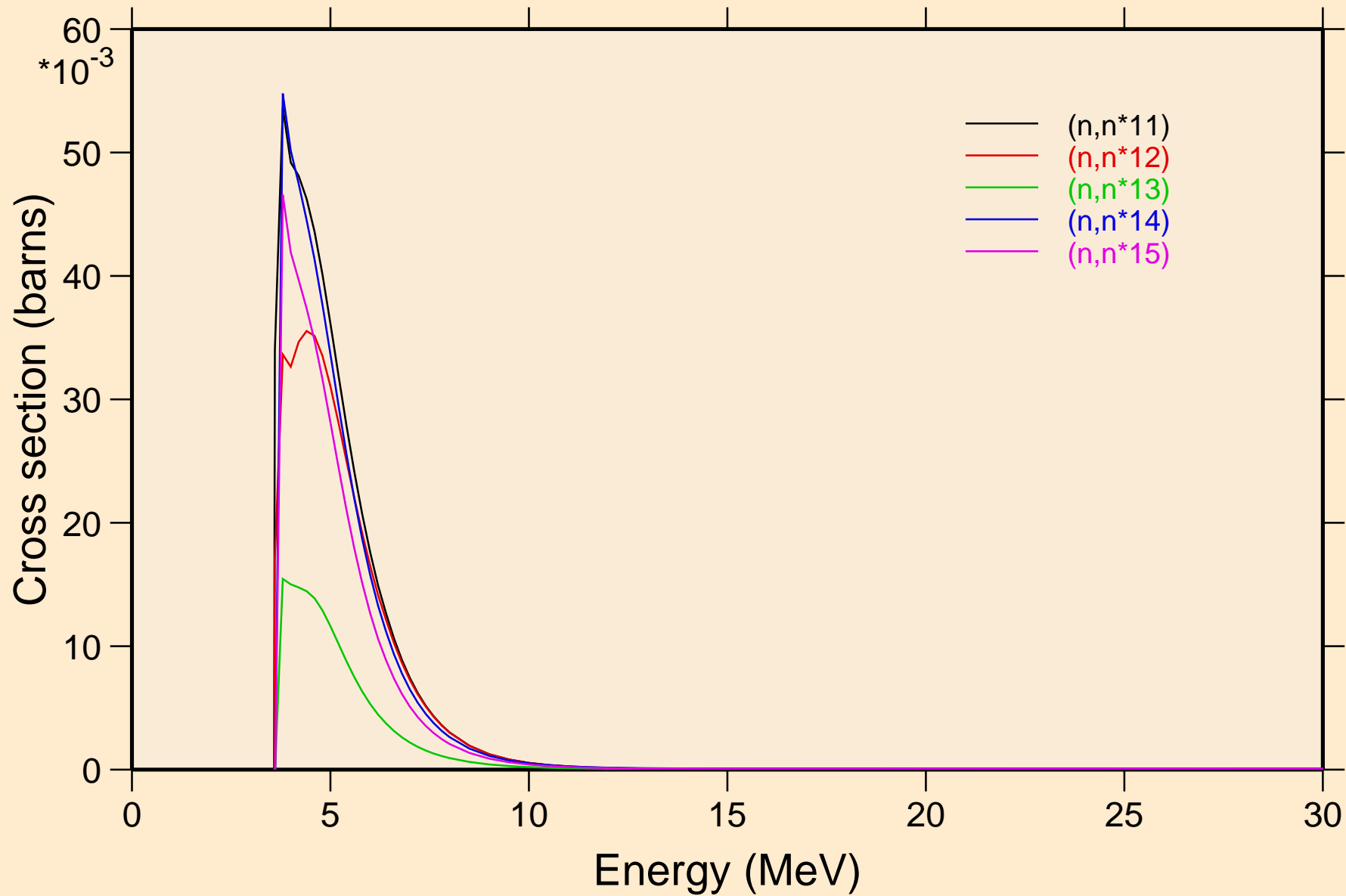
## Inelastic levels



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

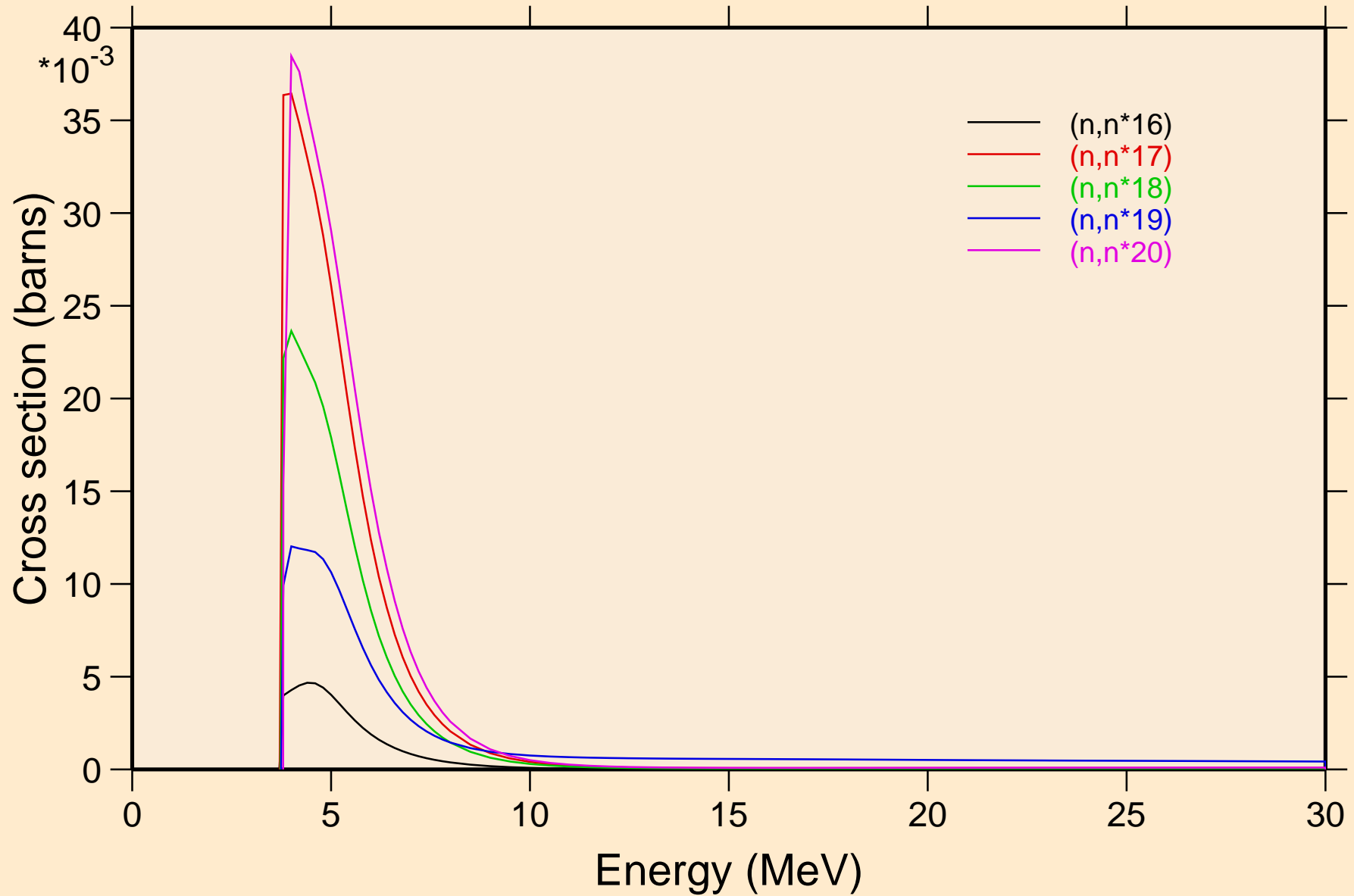


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

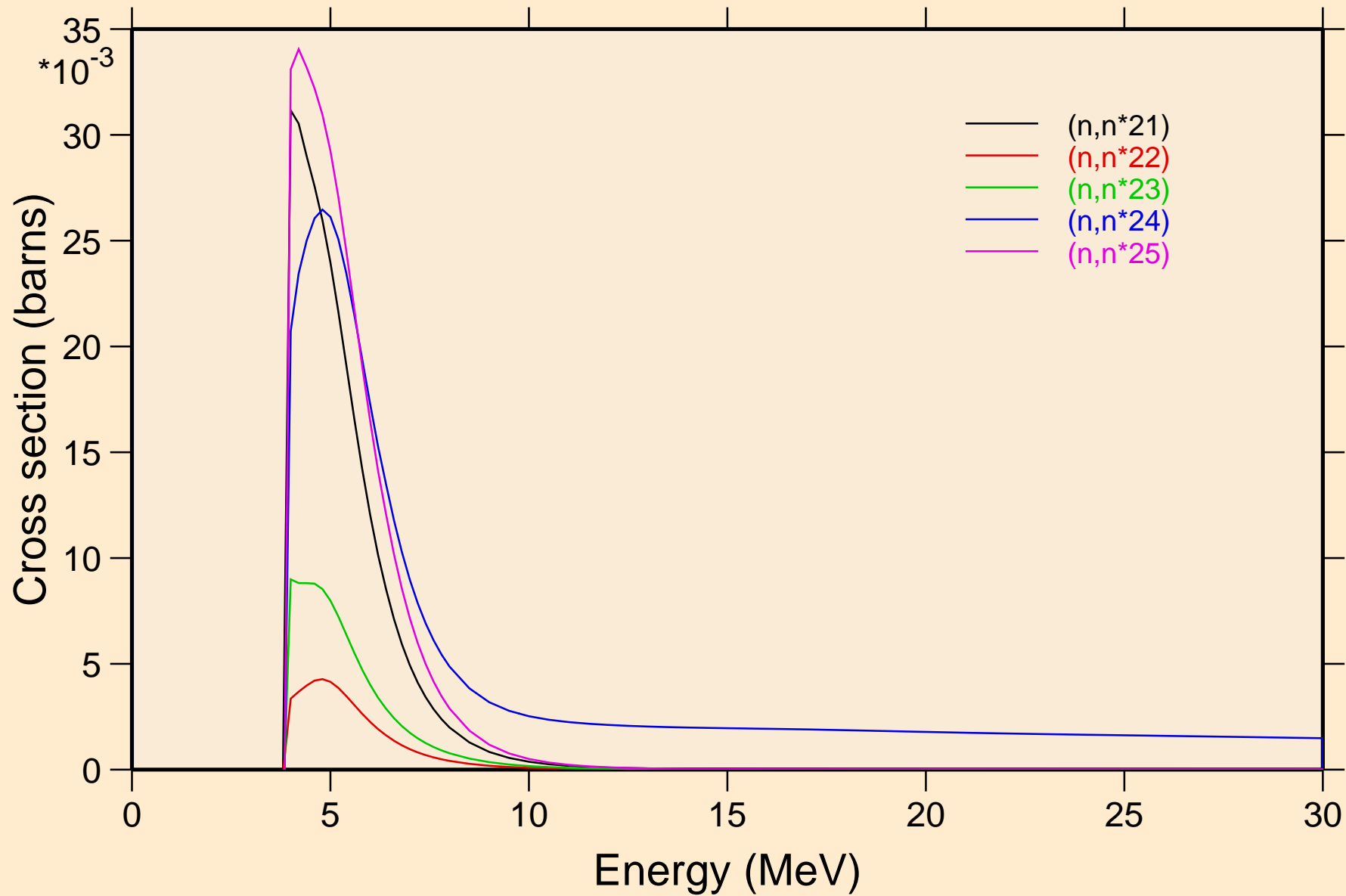


# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

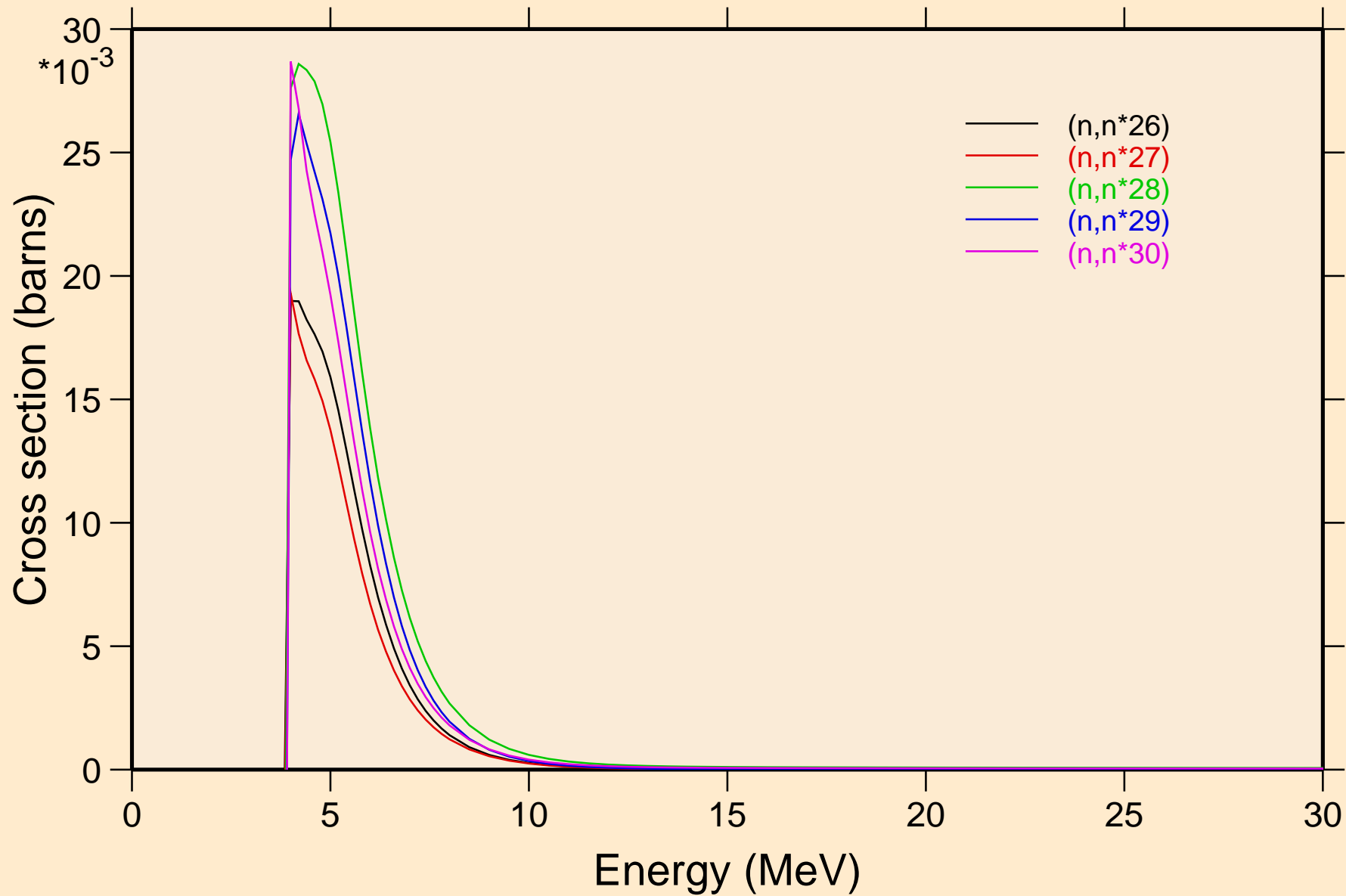


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

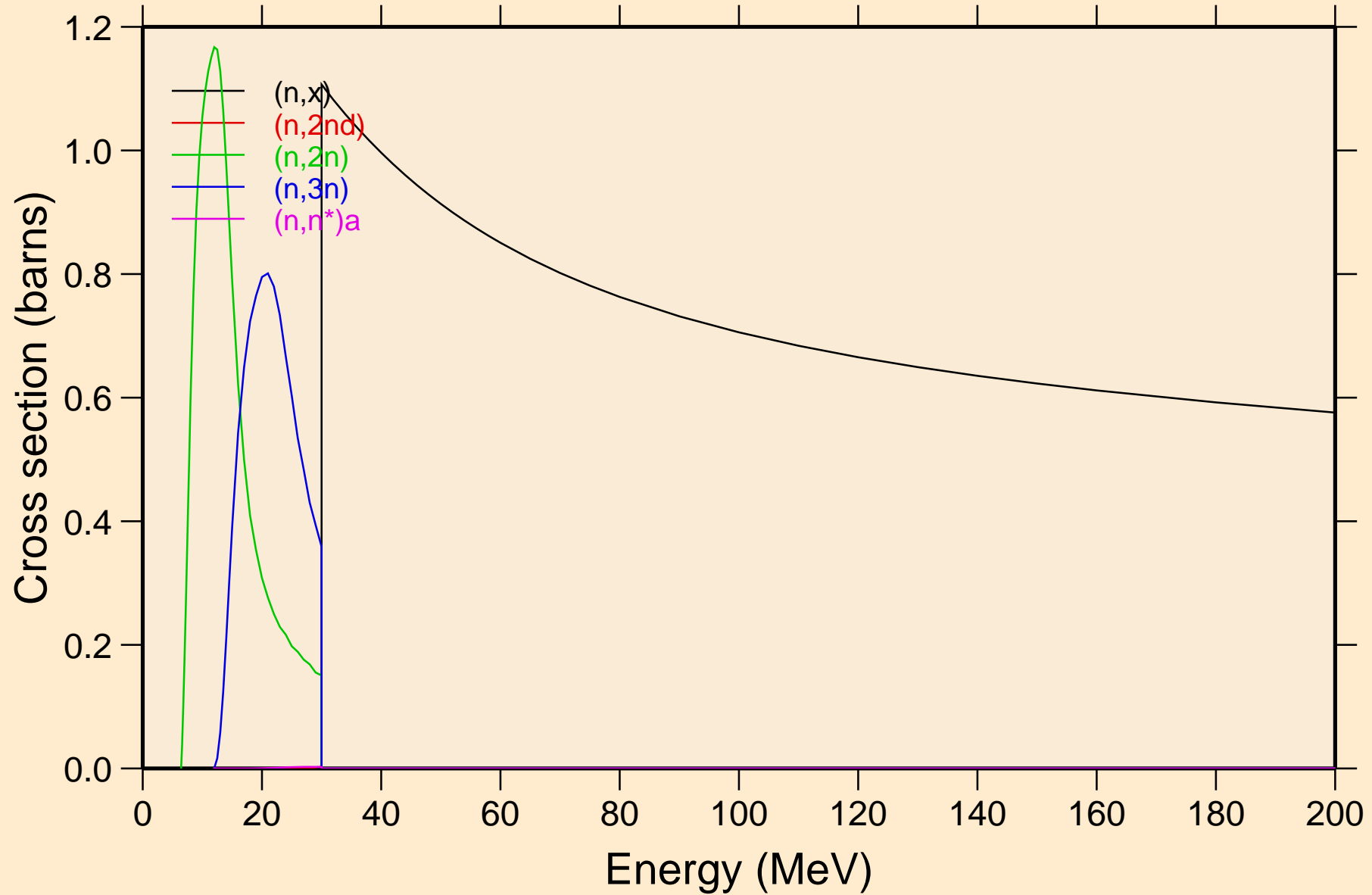


# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

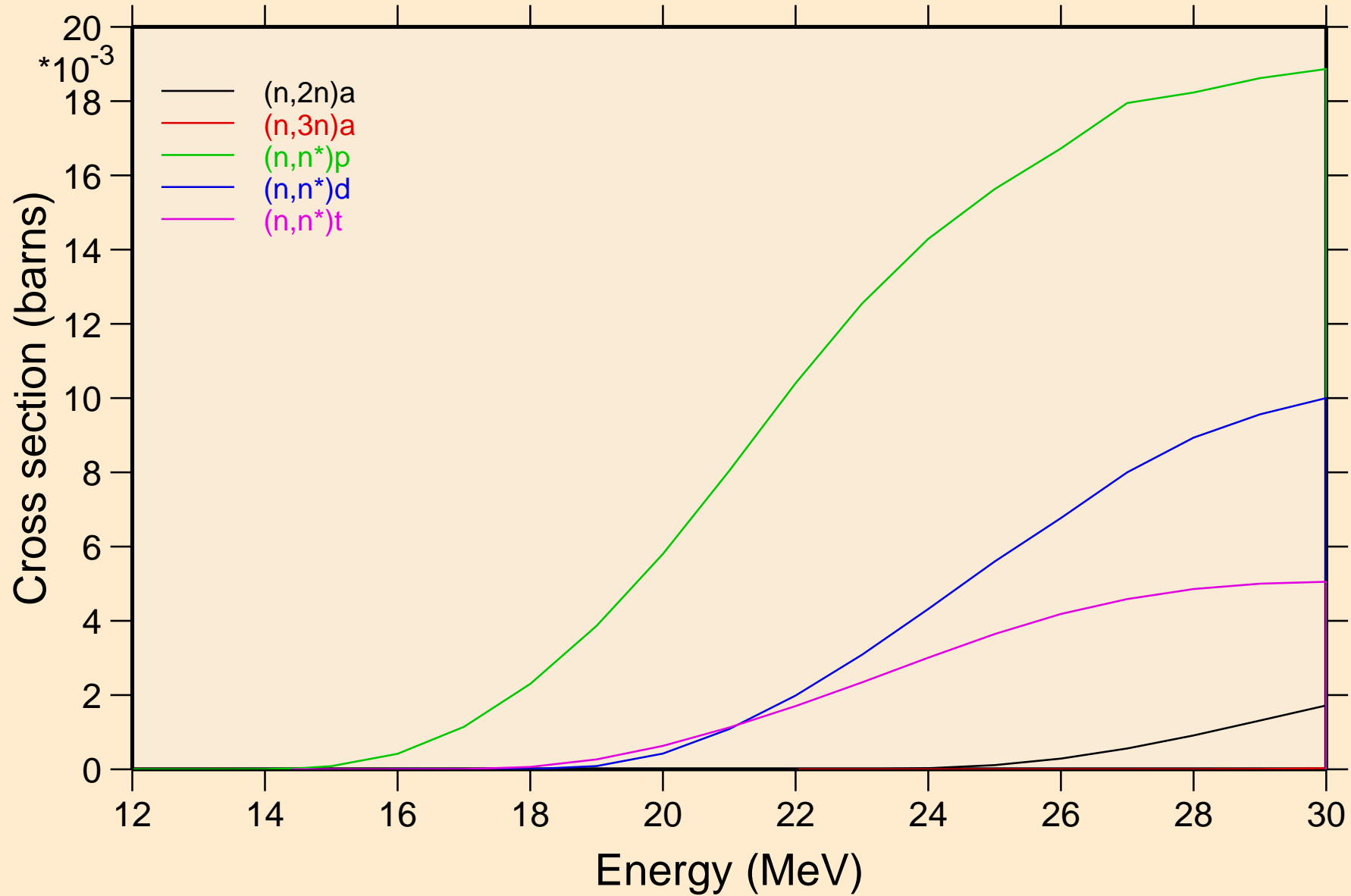
## Inelastic levels



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

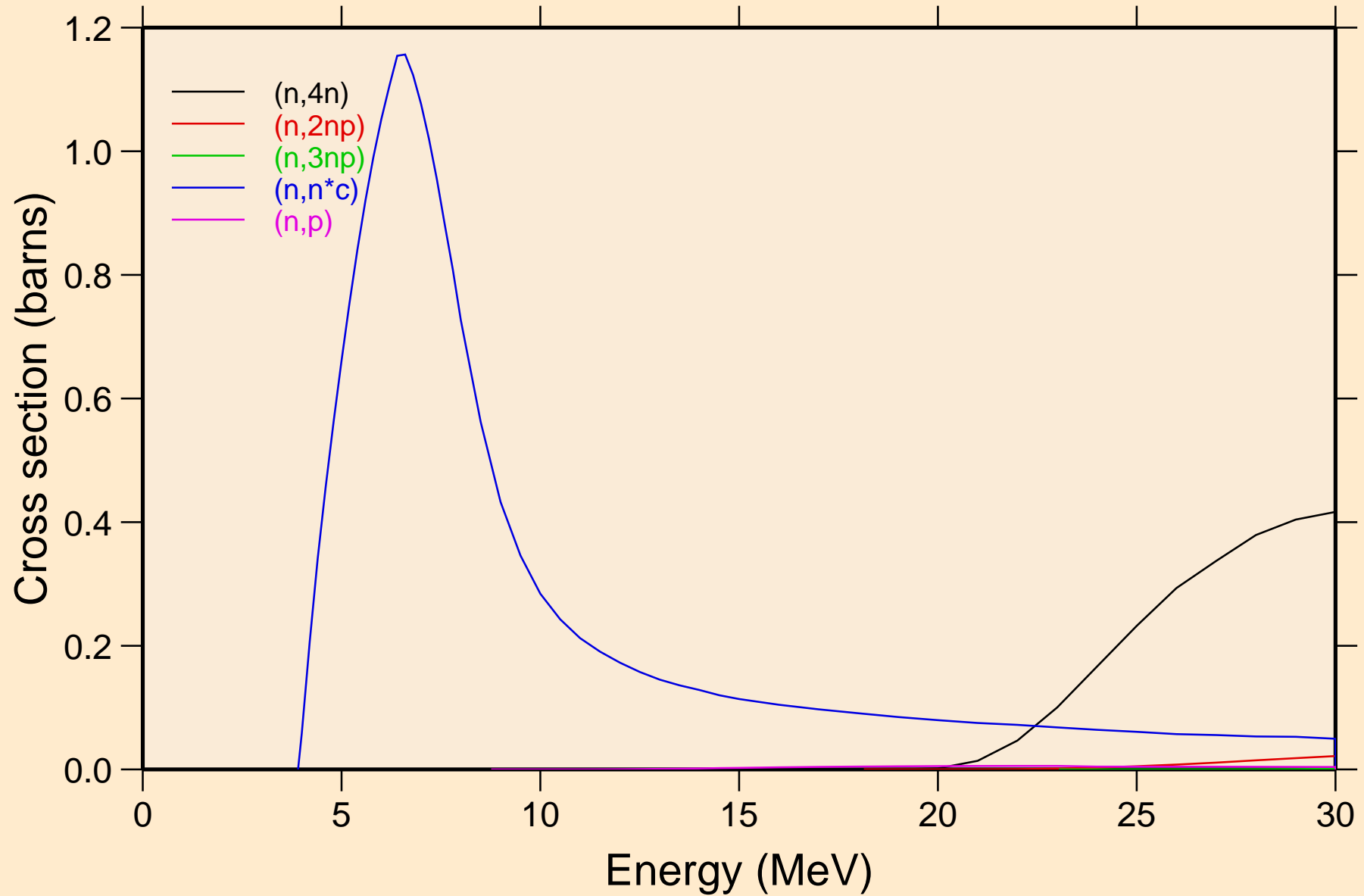


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

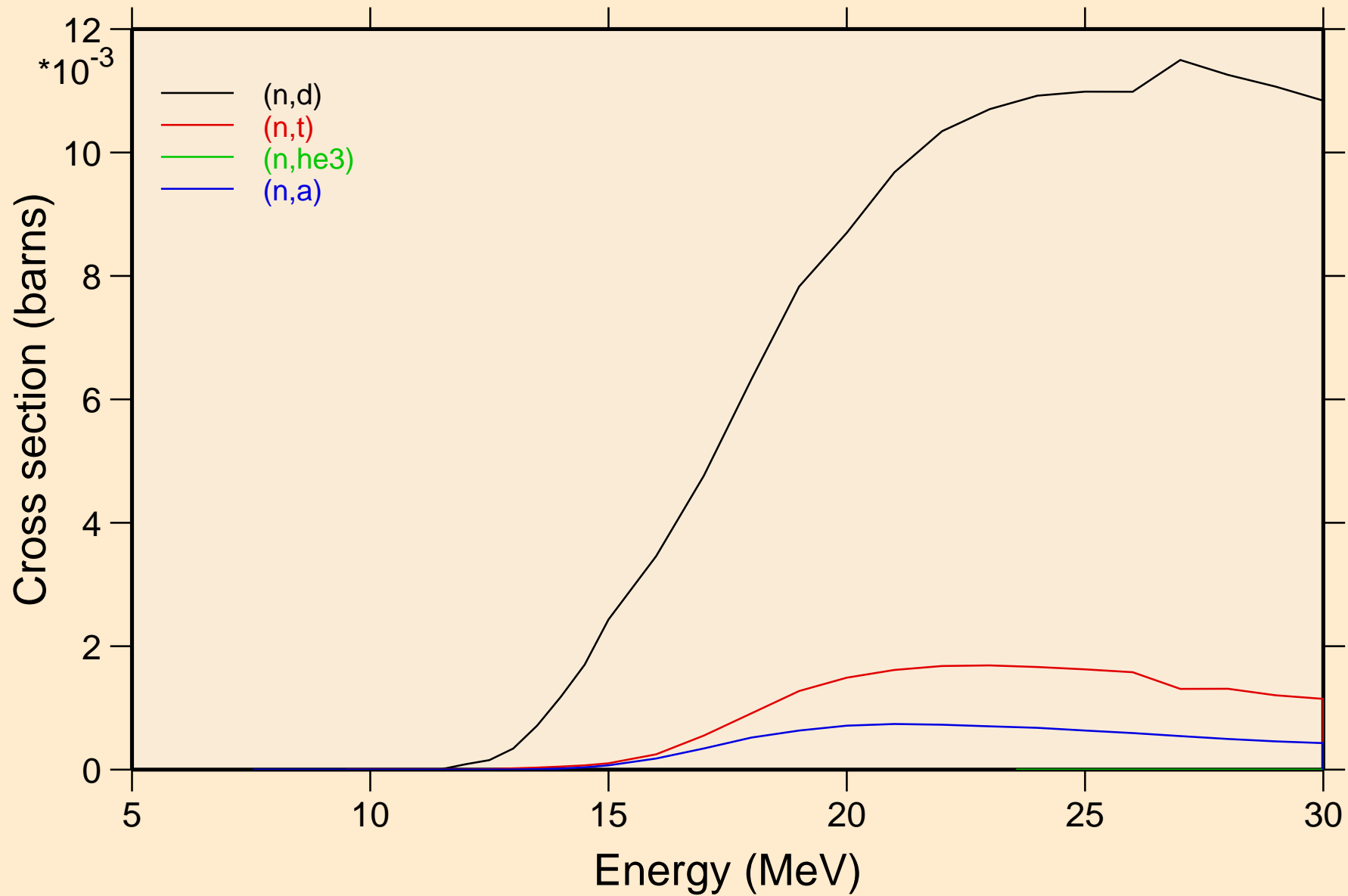




SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

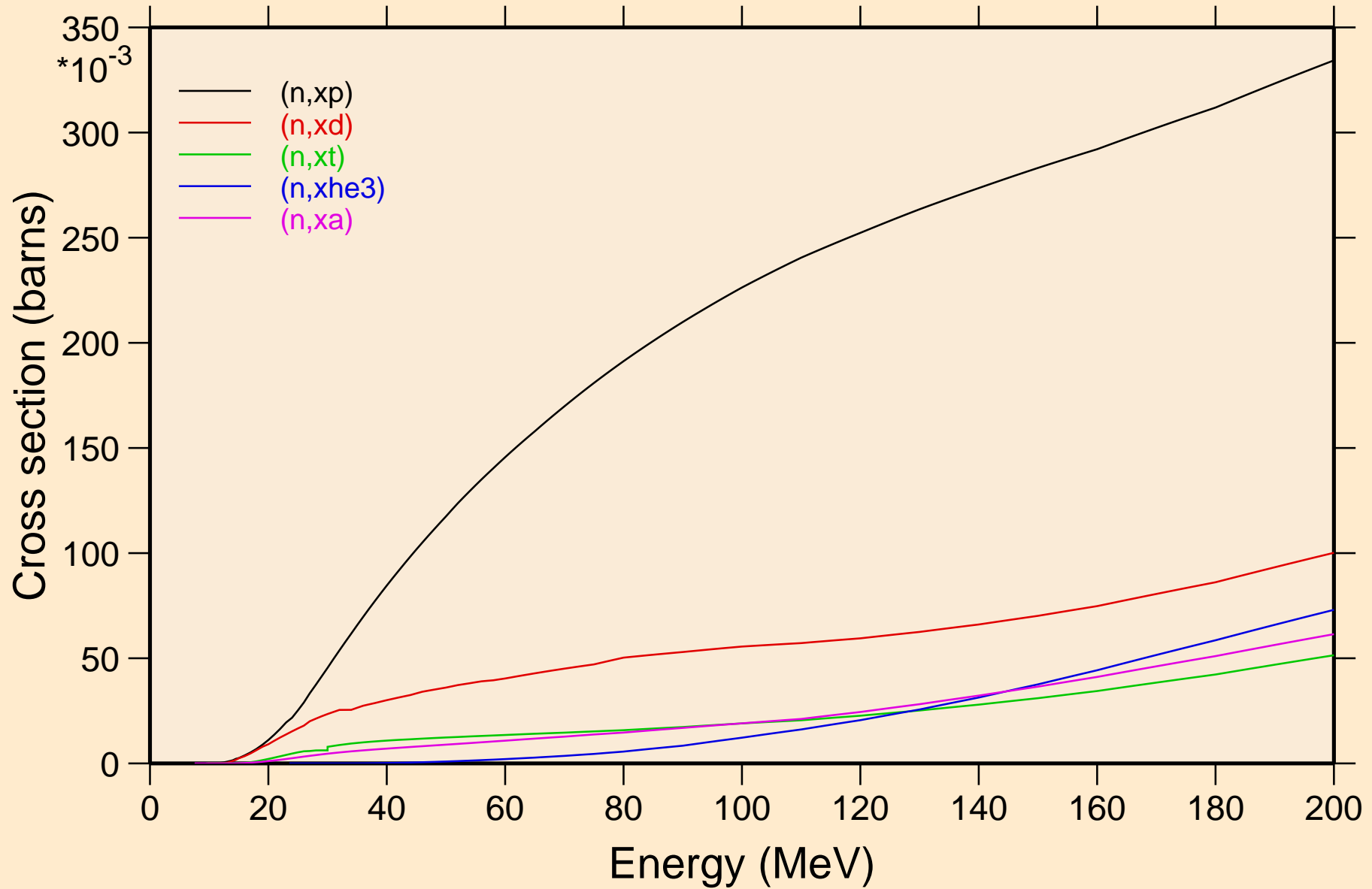


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

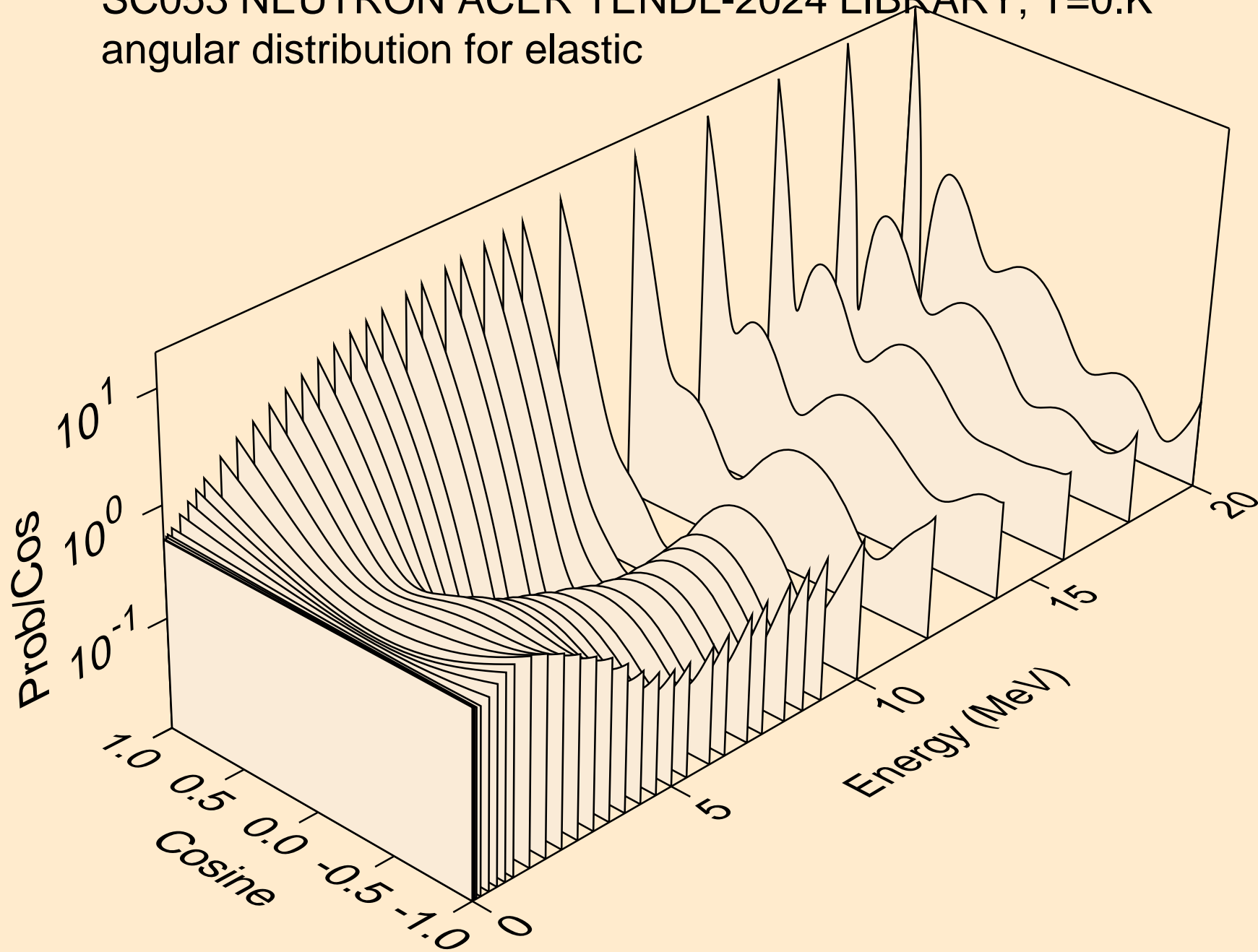


# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

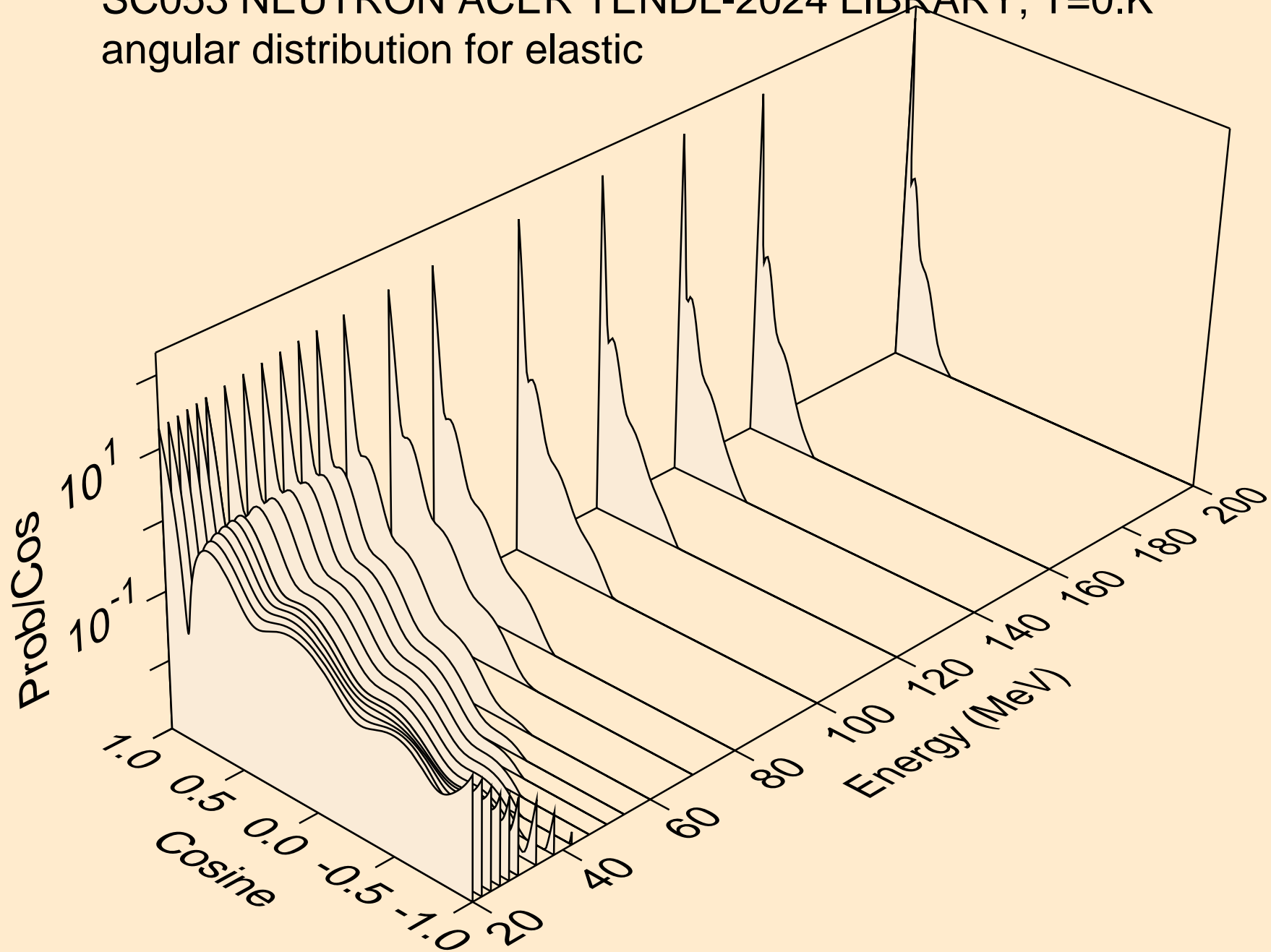
## Threshold reactions



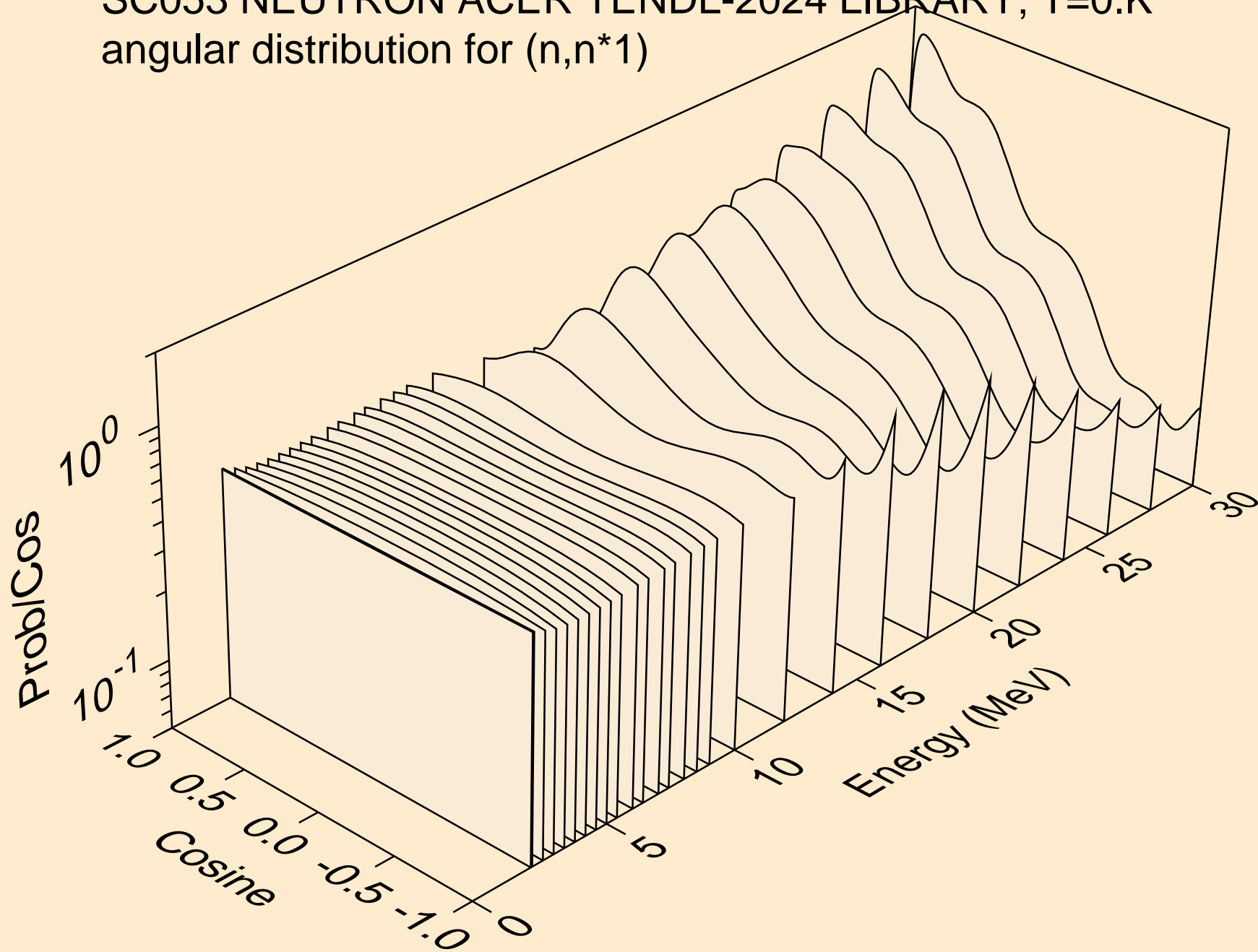
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



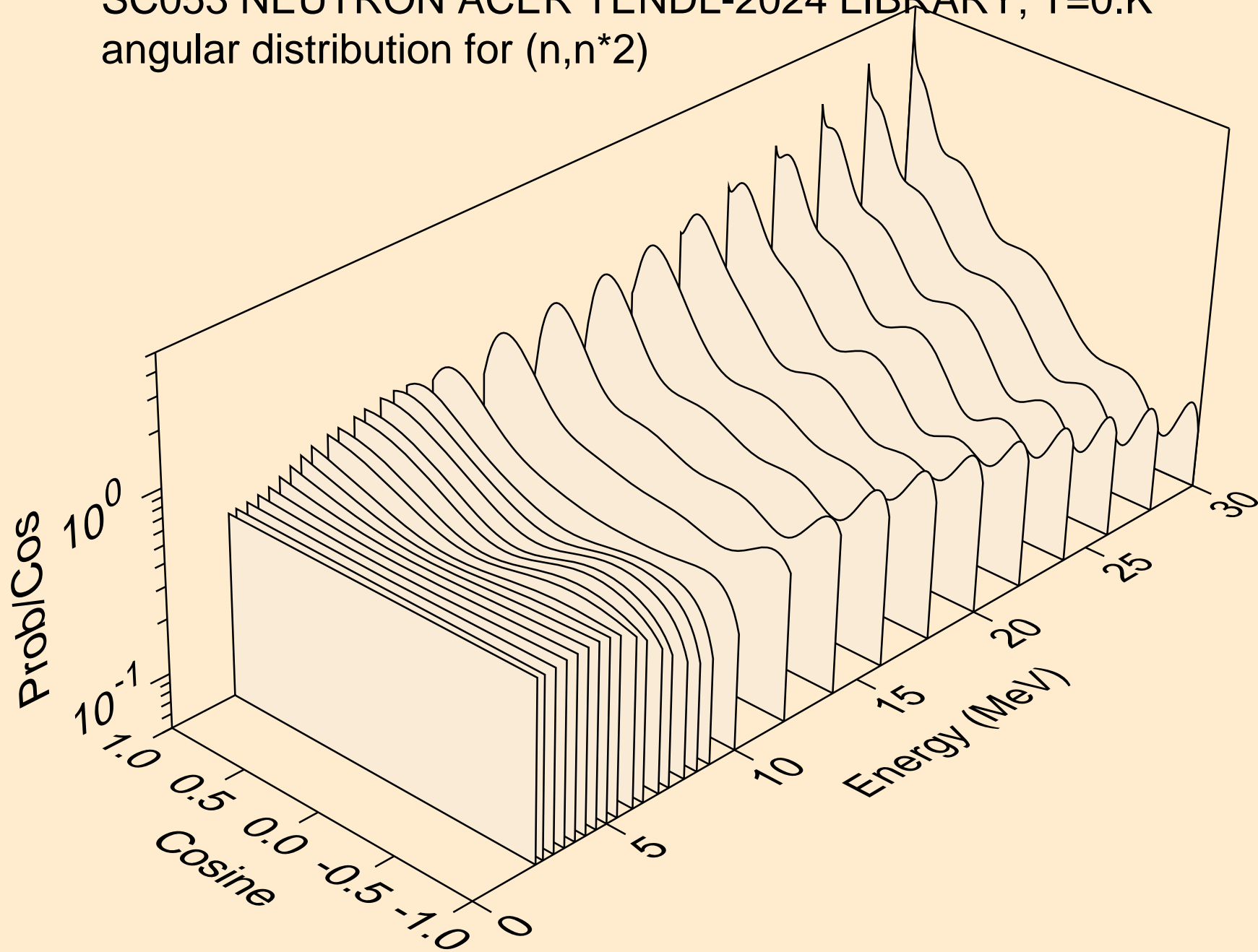
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



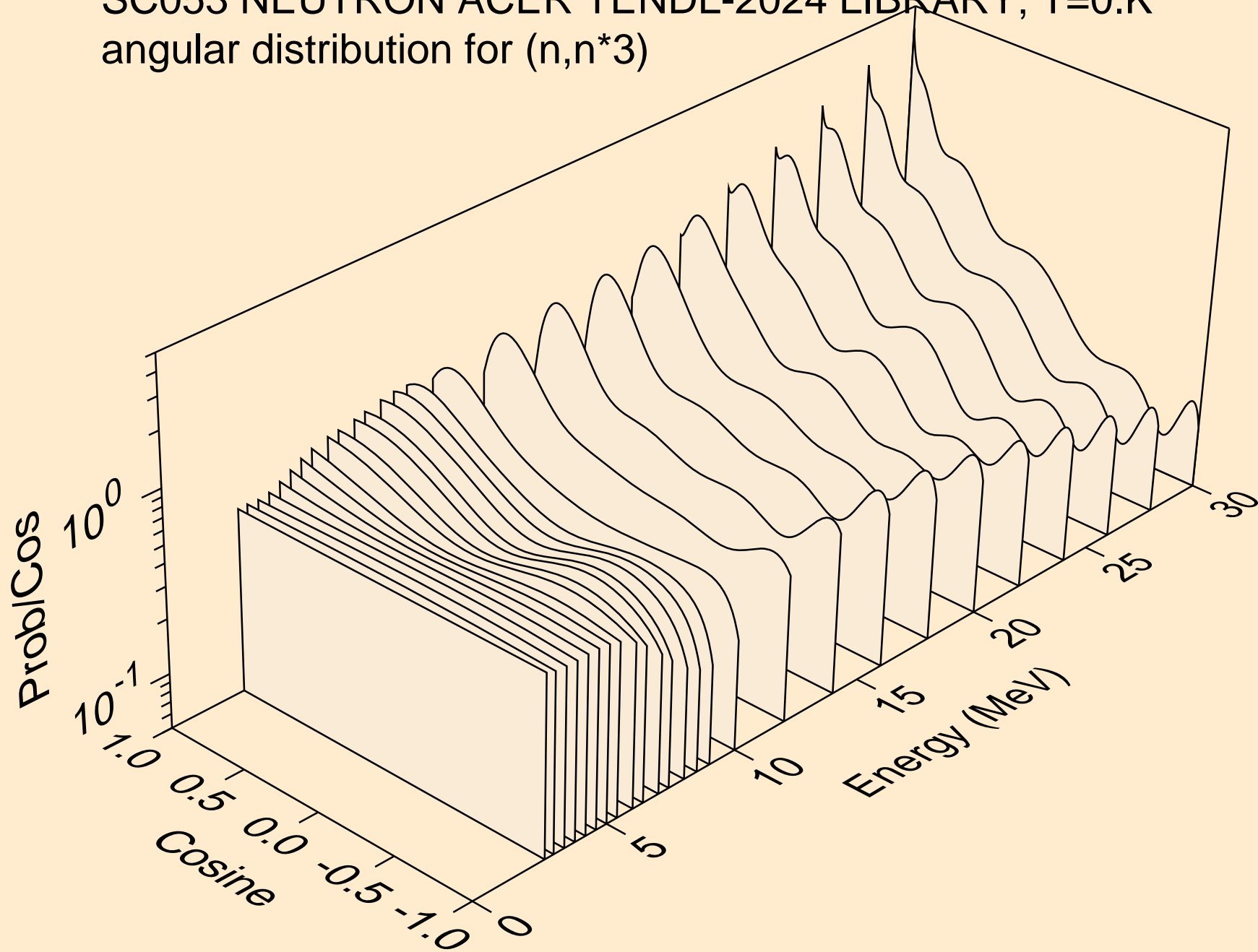
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

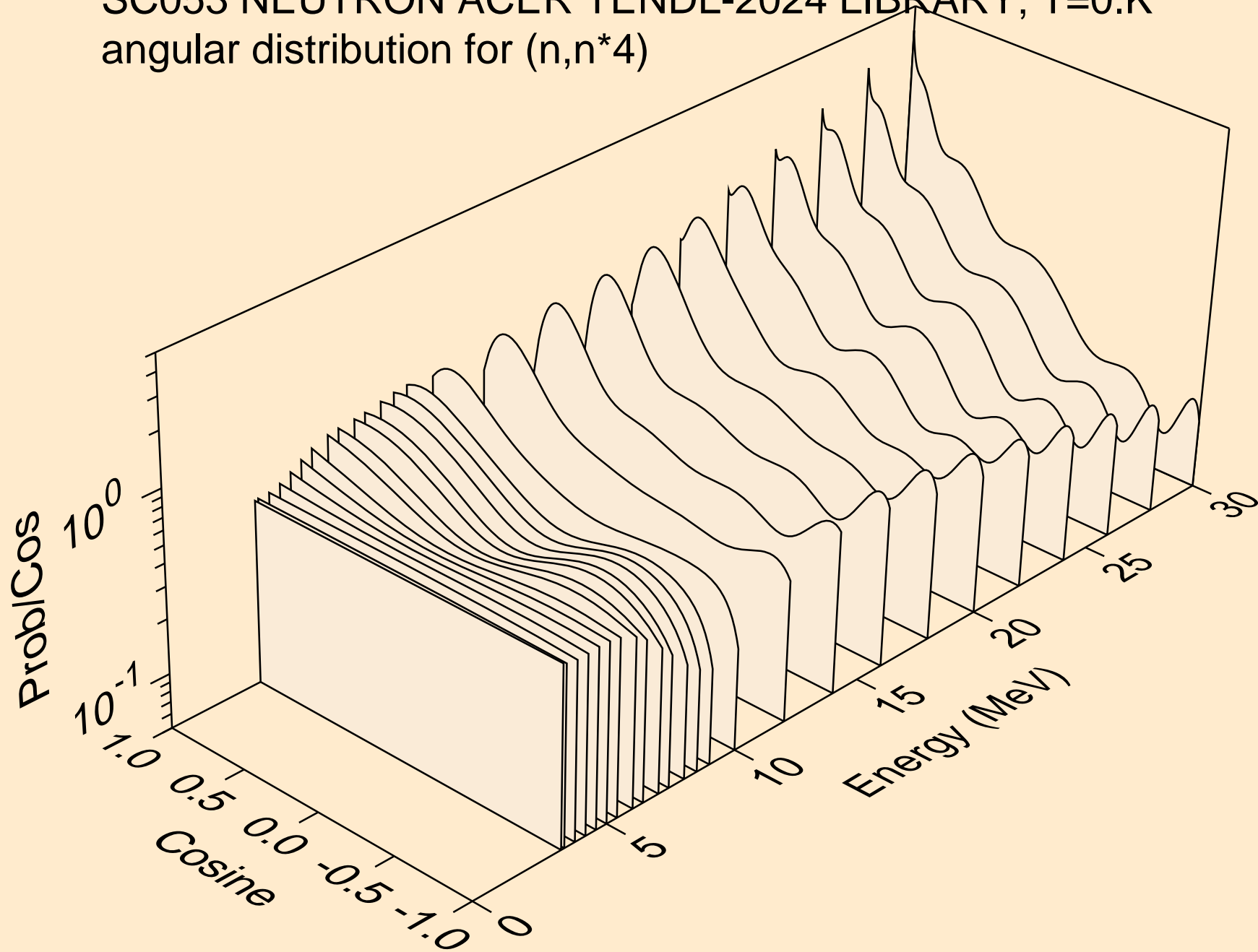


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

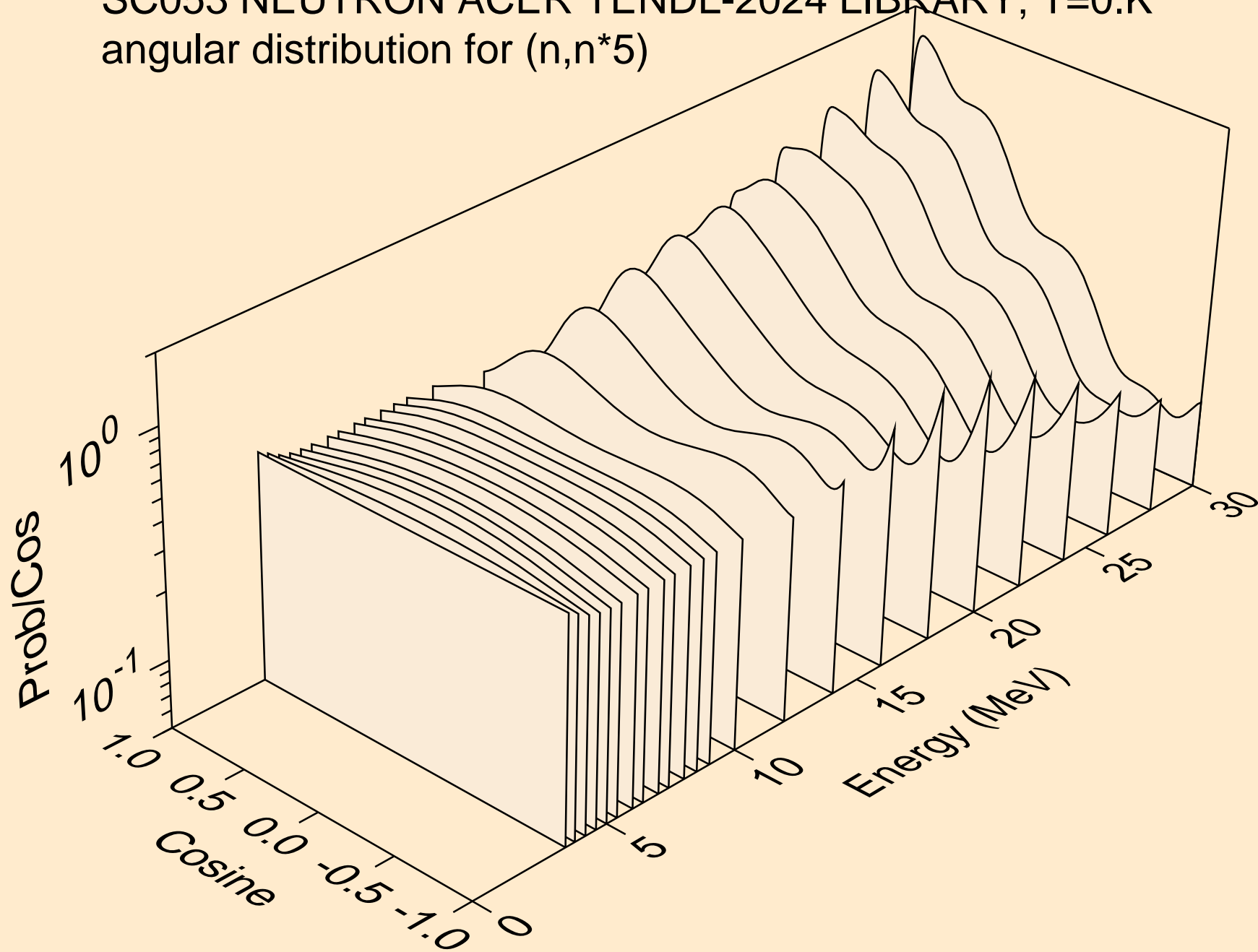




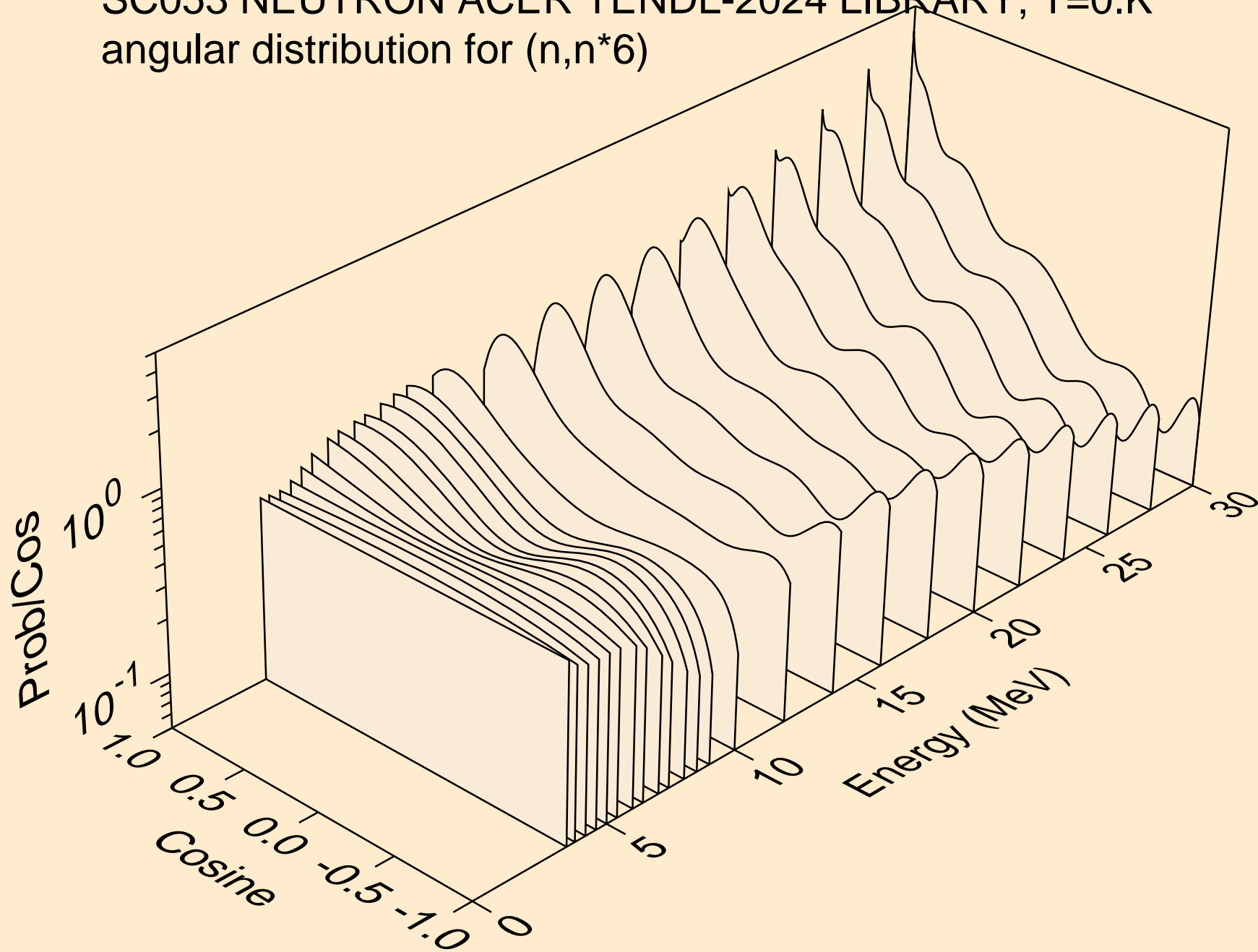
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angular distribution for (n,n\*4)



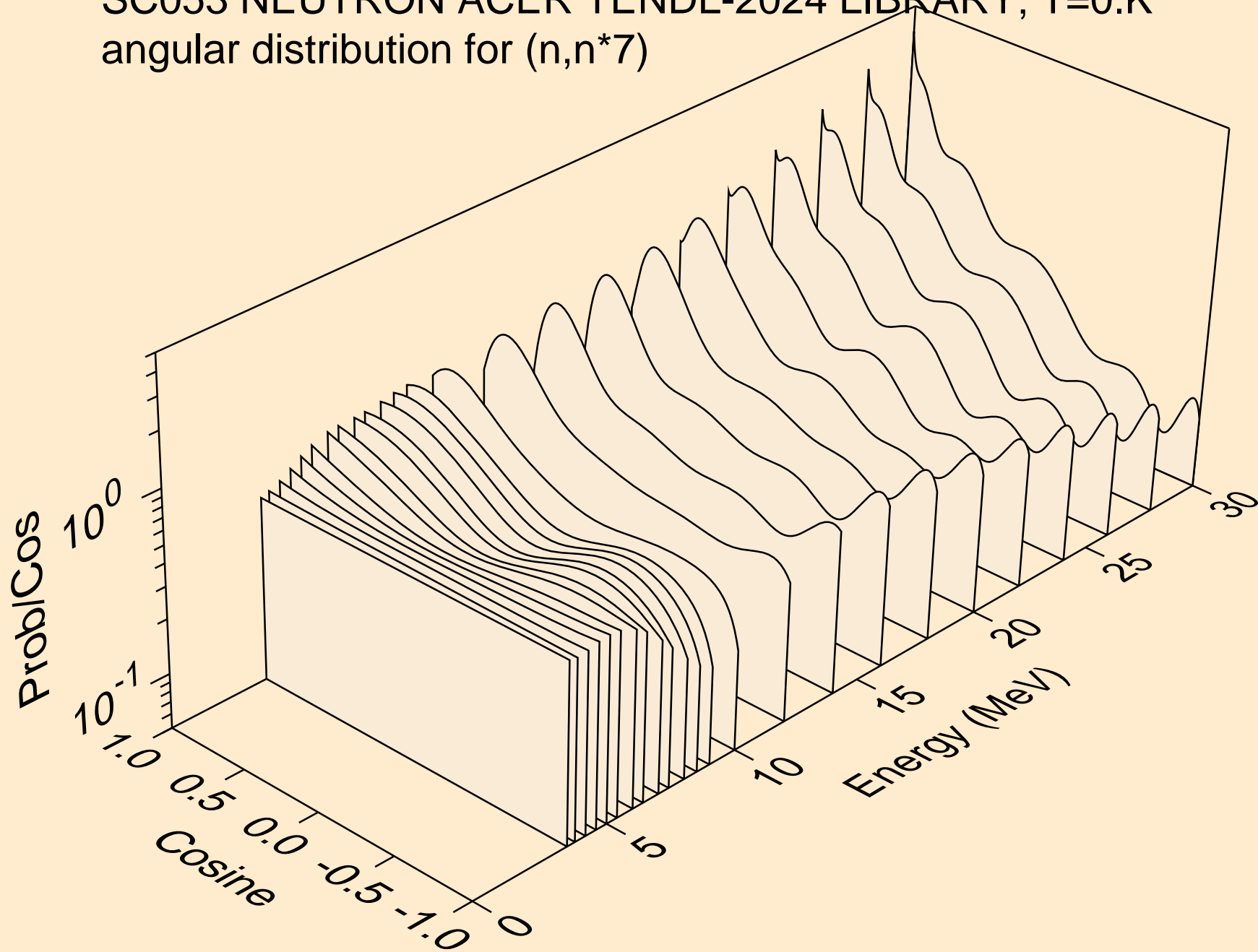
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



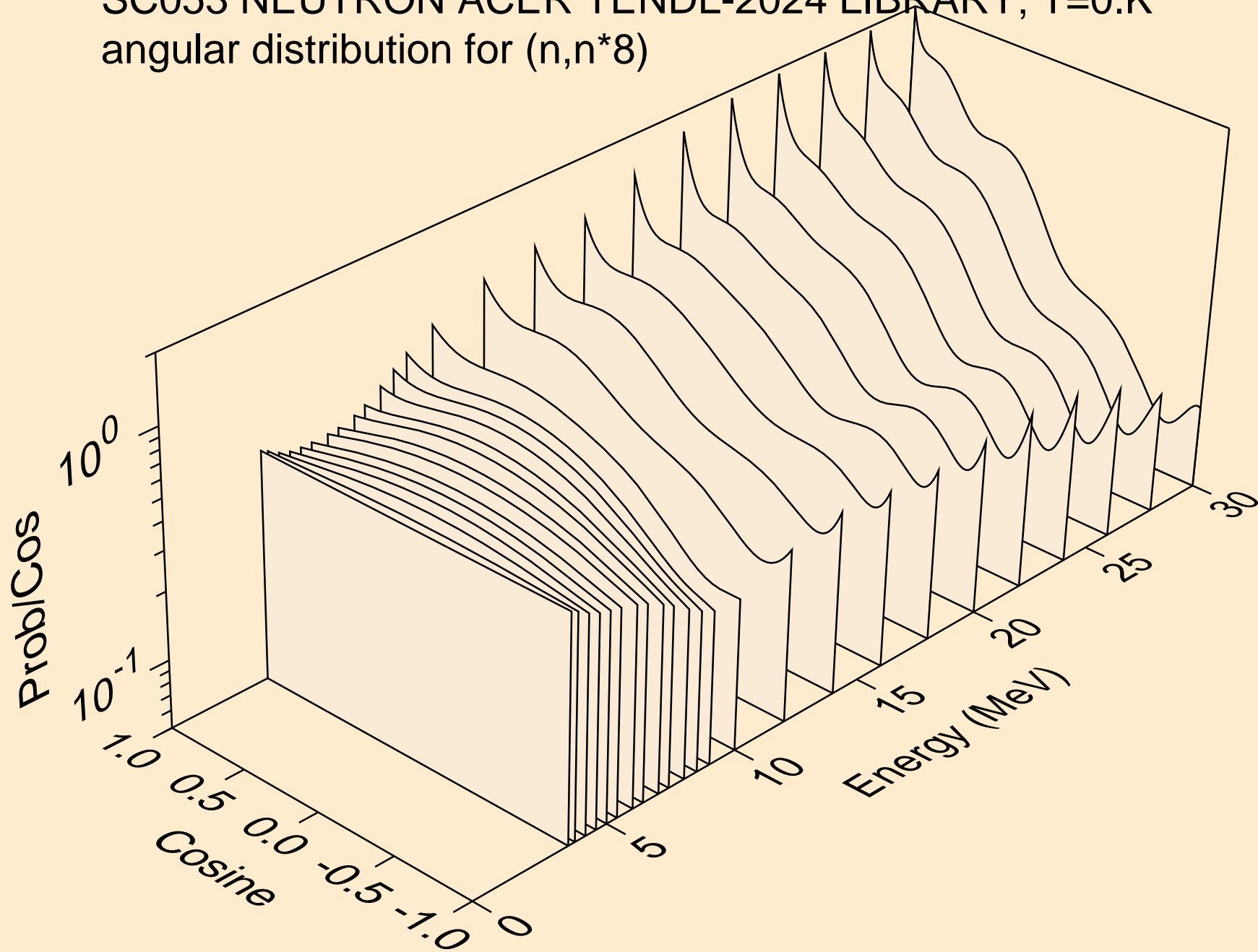
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



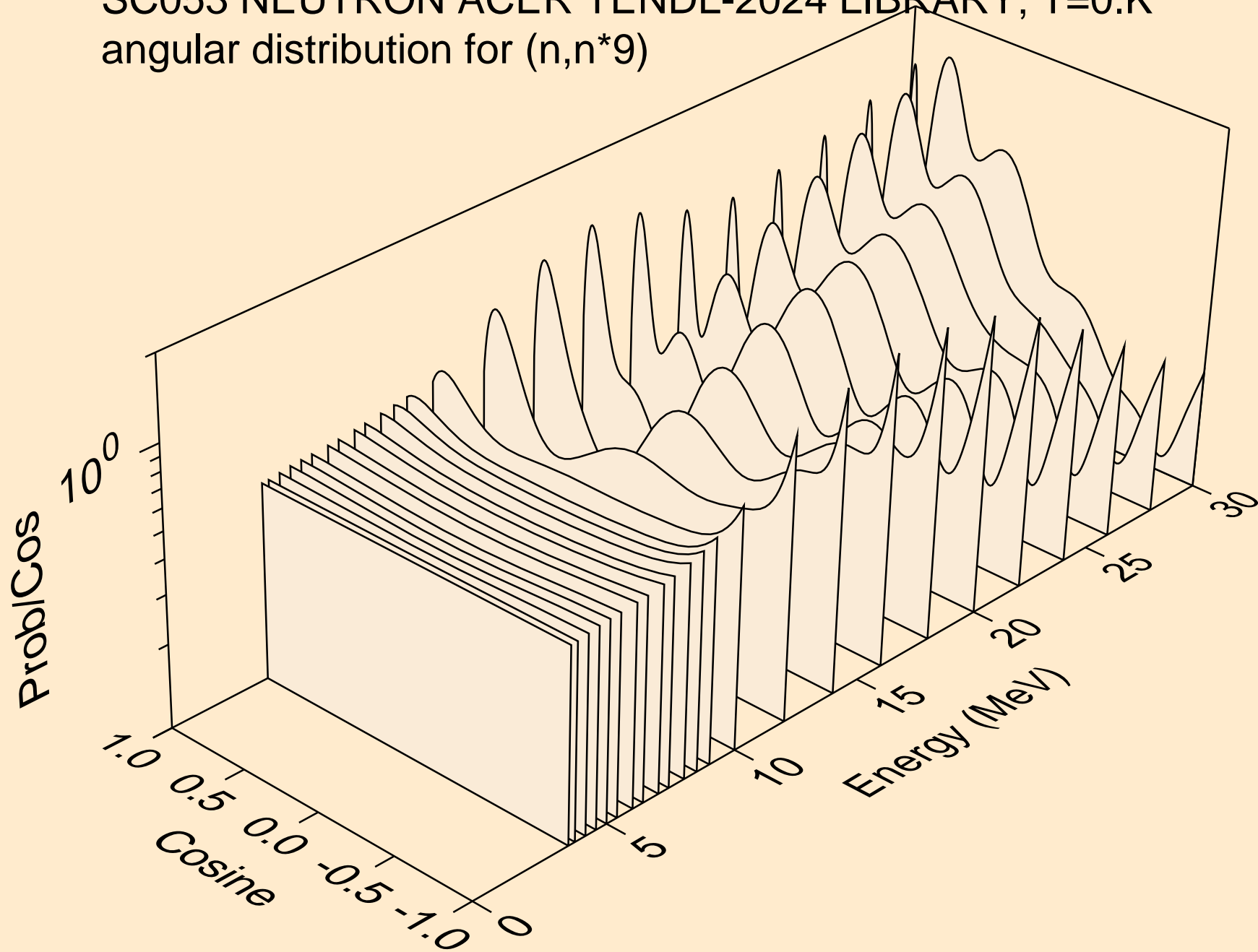
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



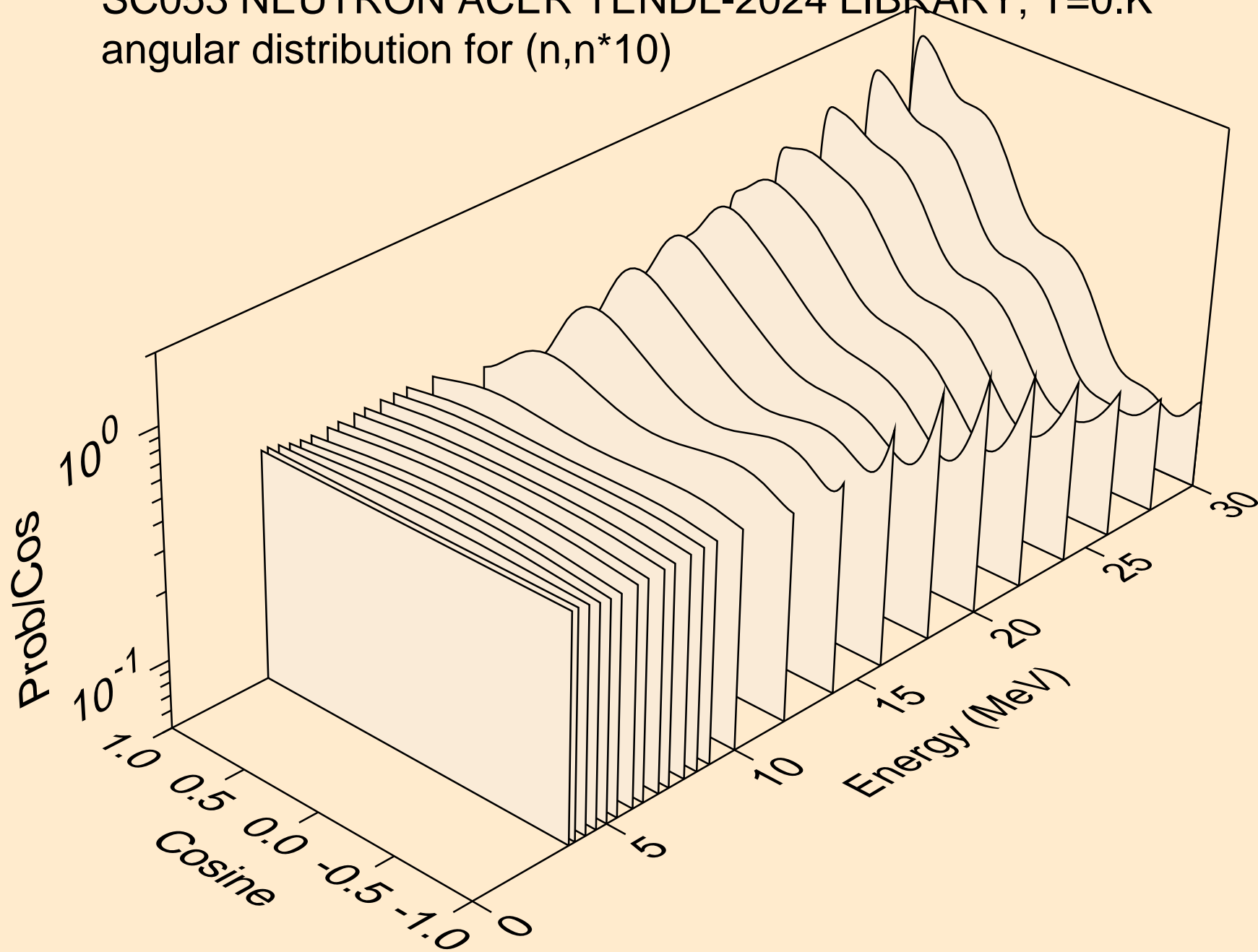
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



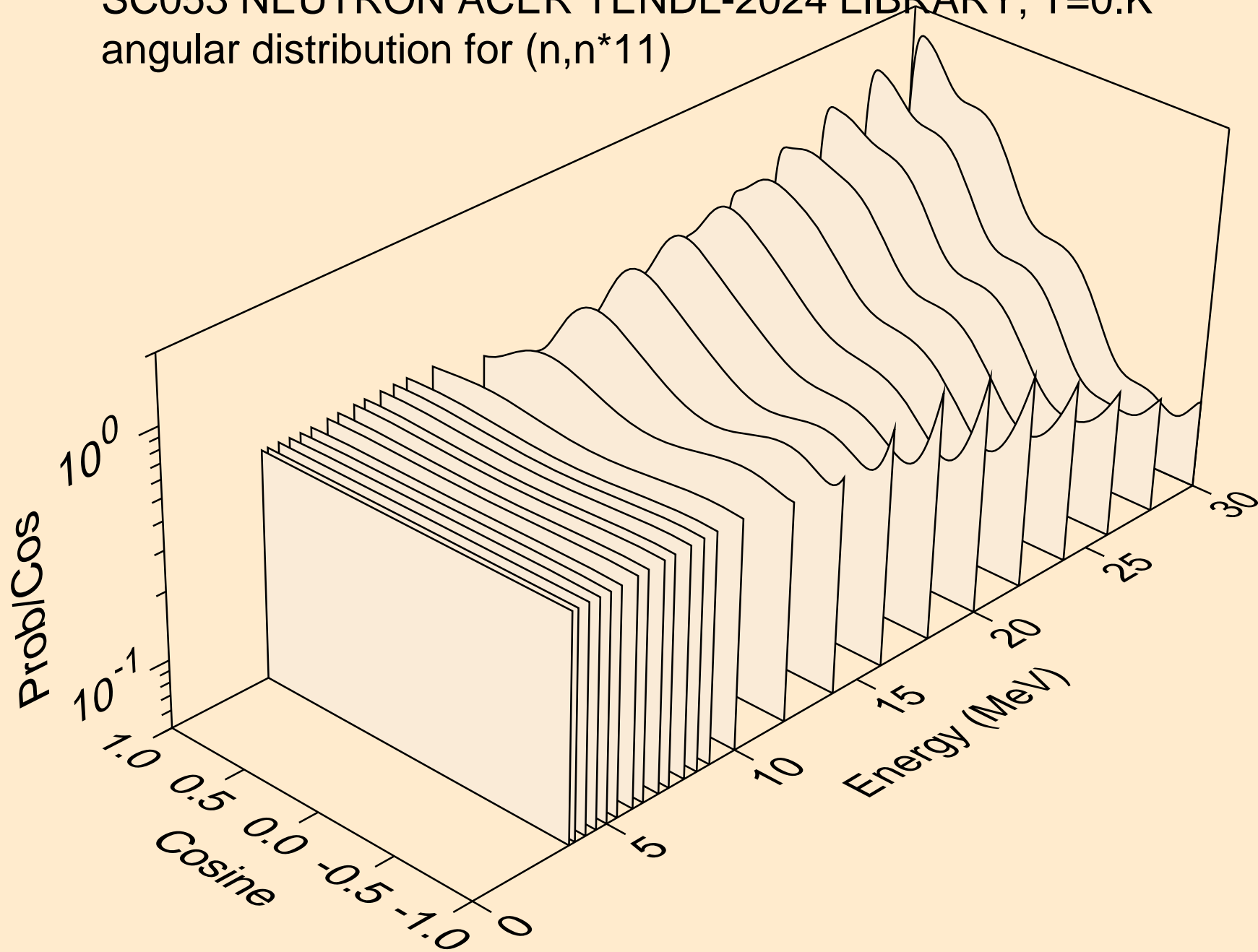
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

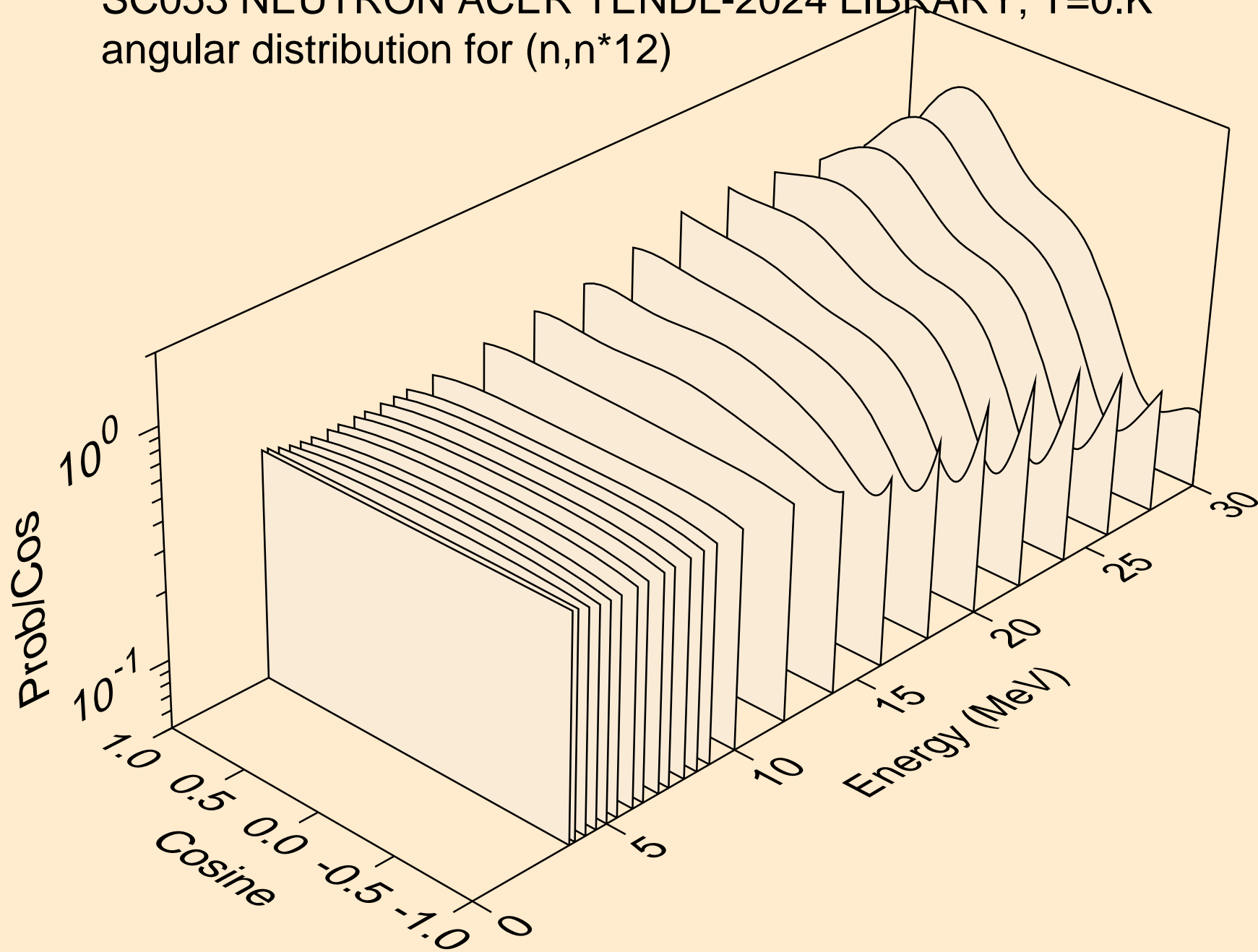


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

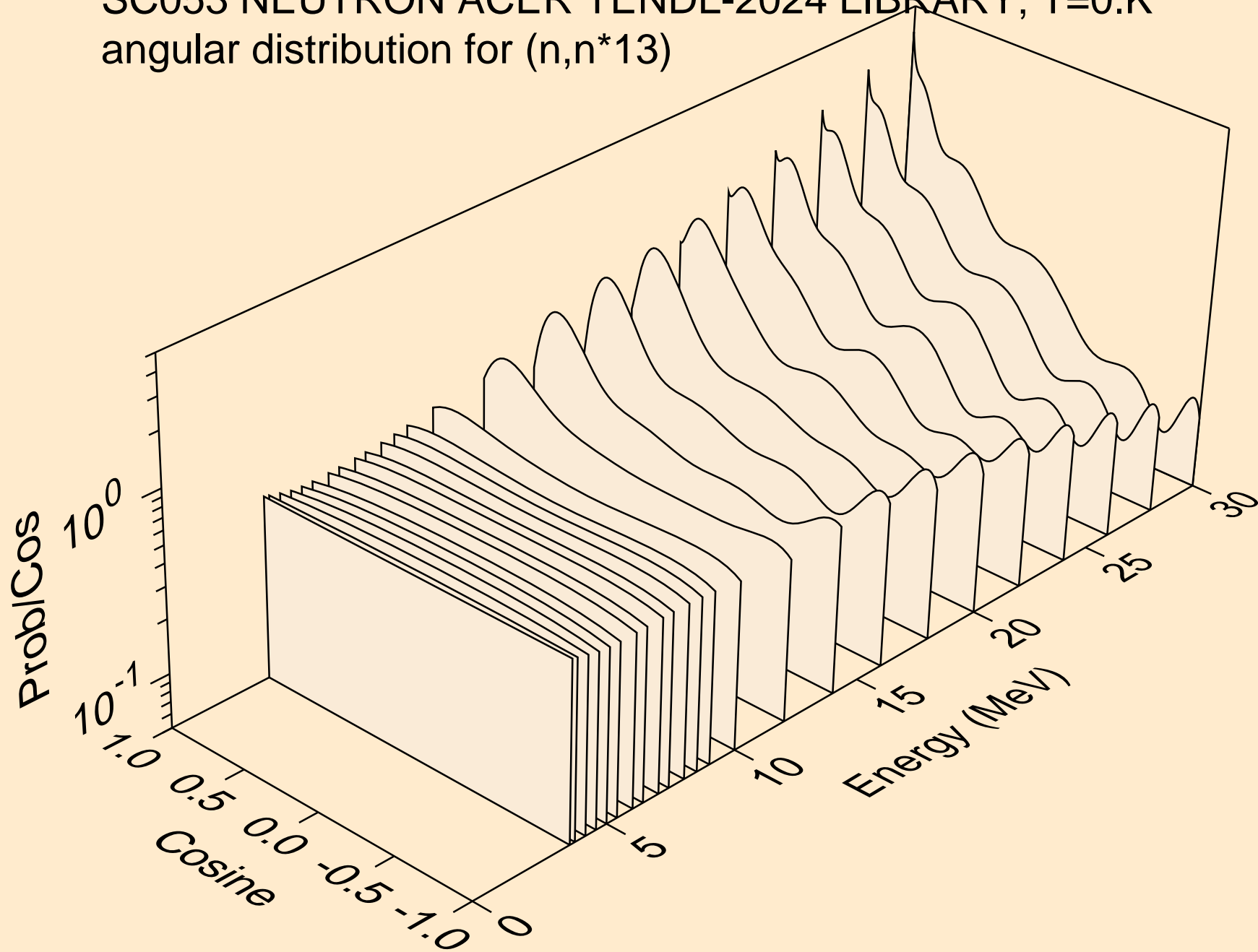




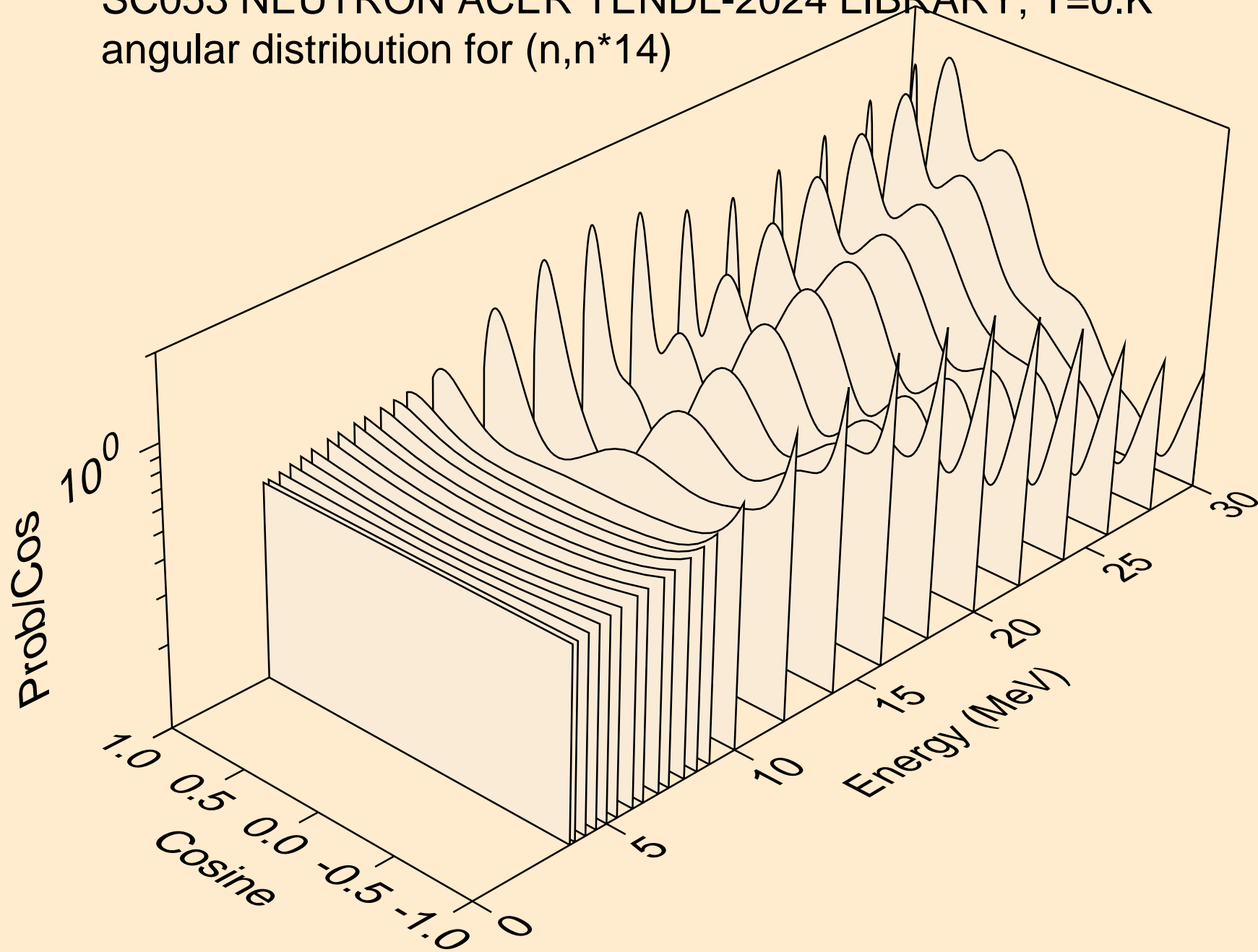
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



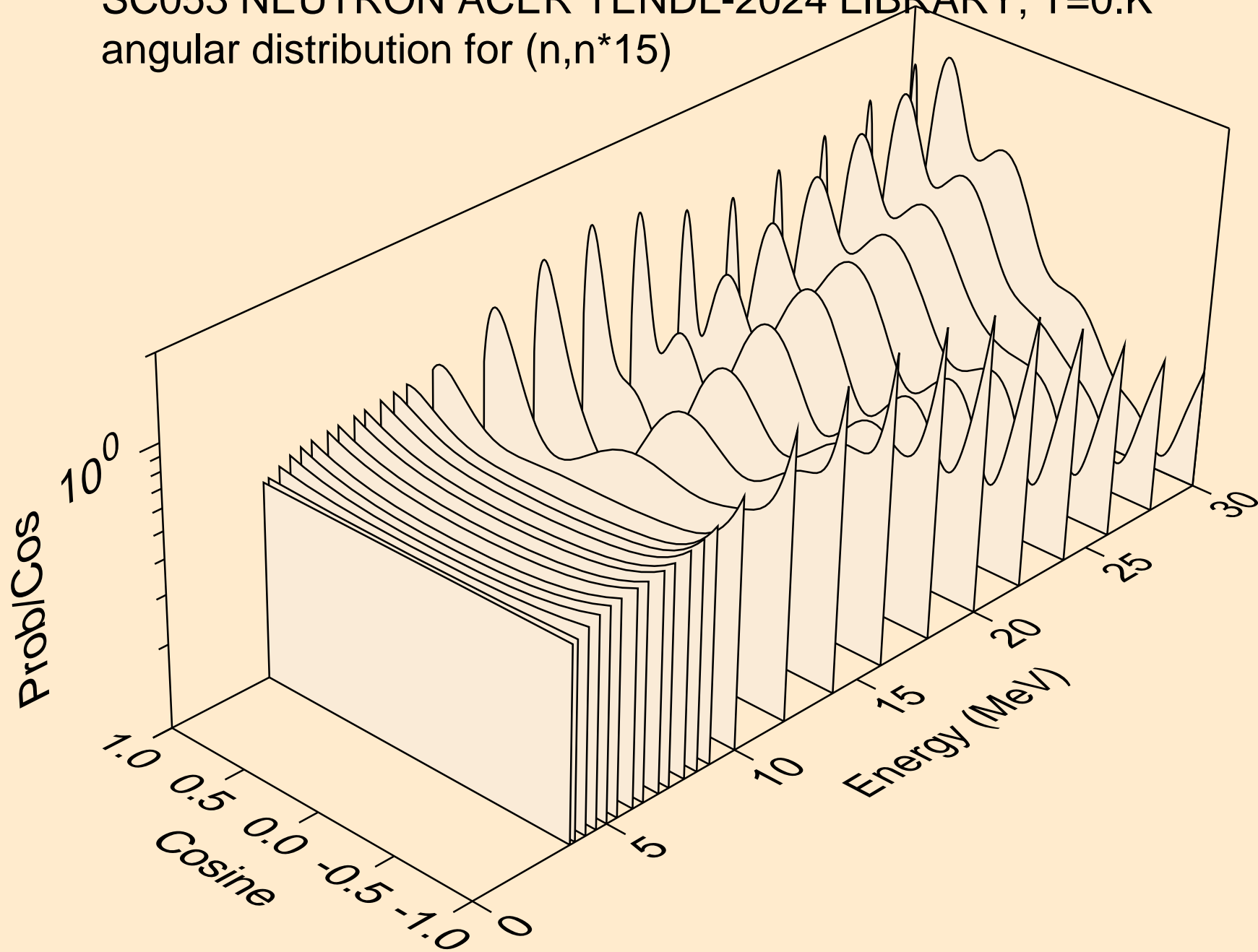
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



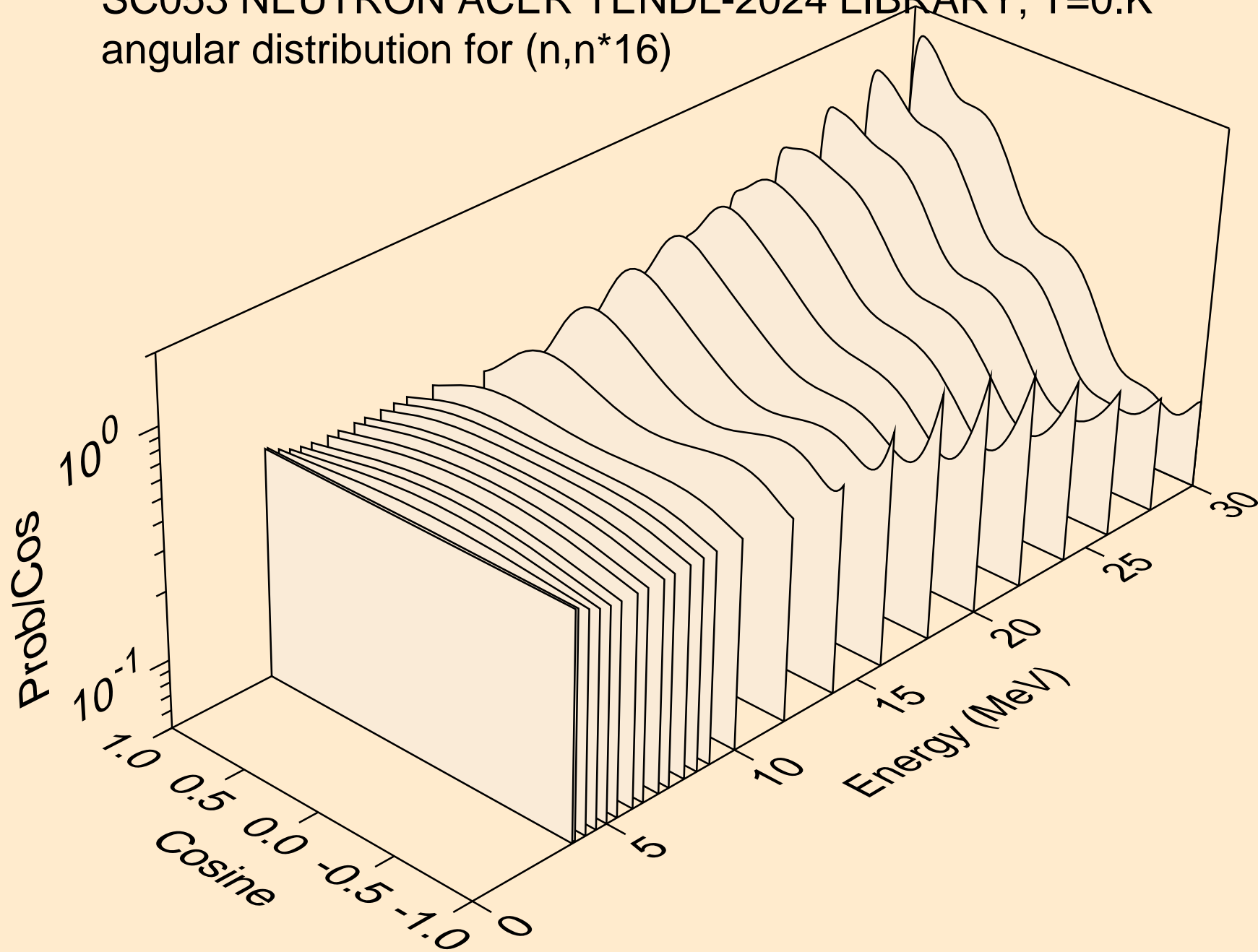
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



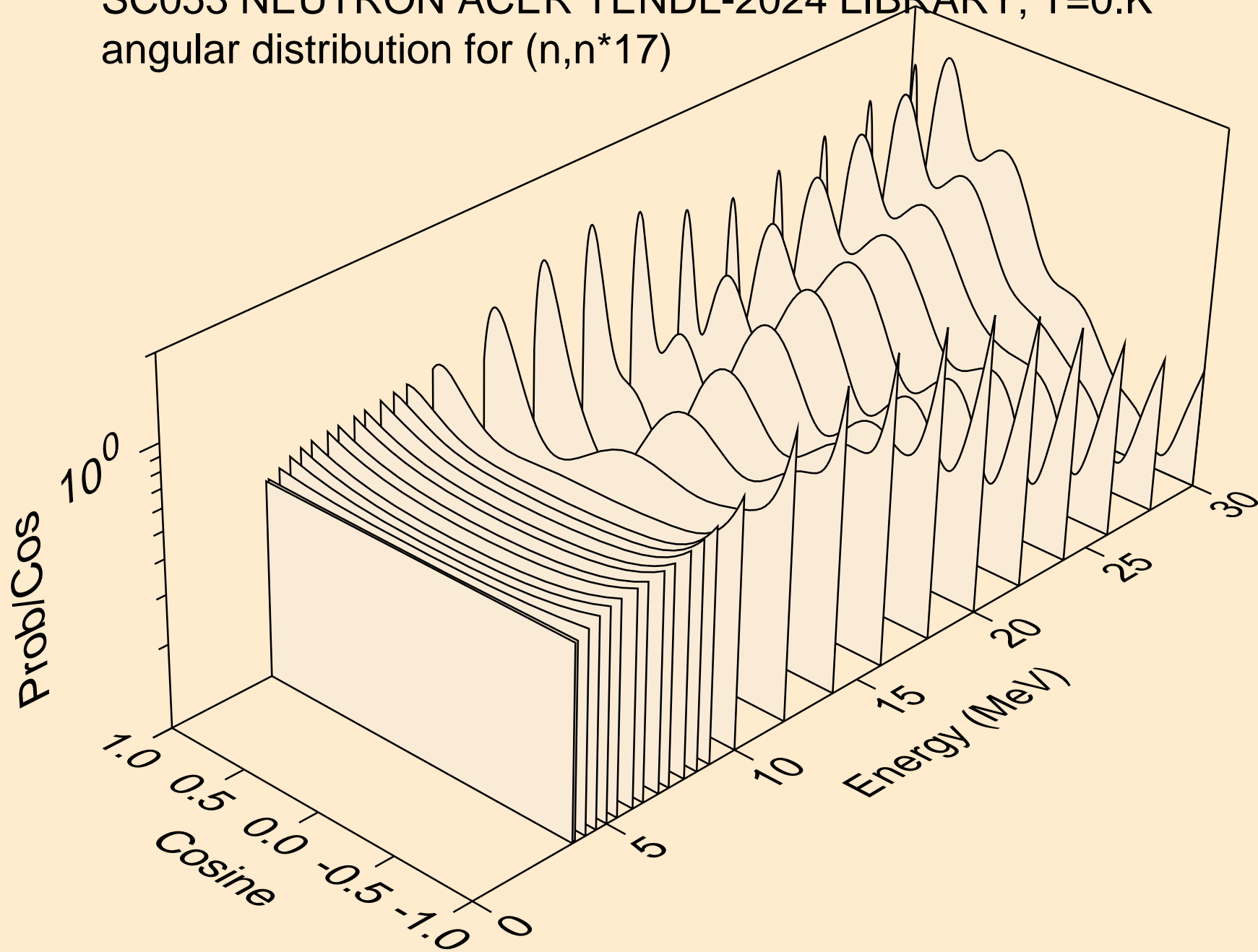
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



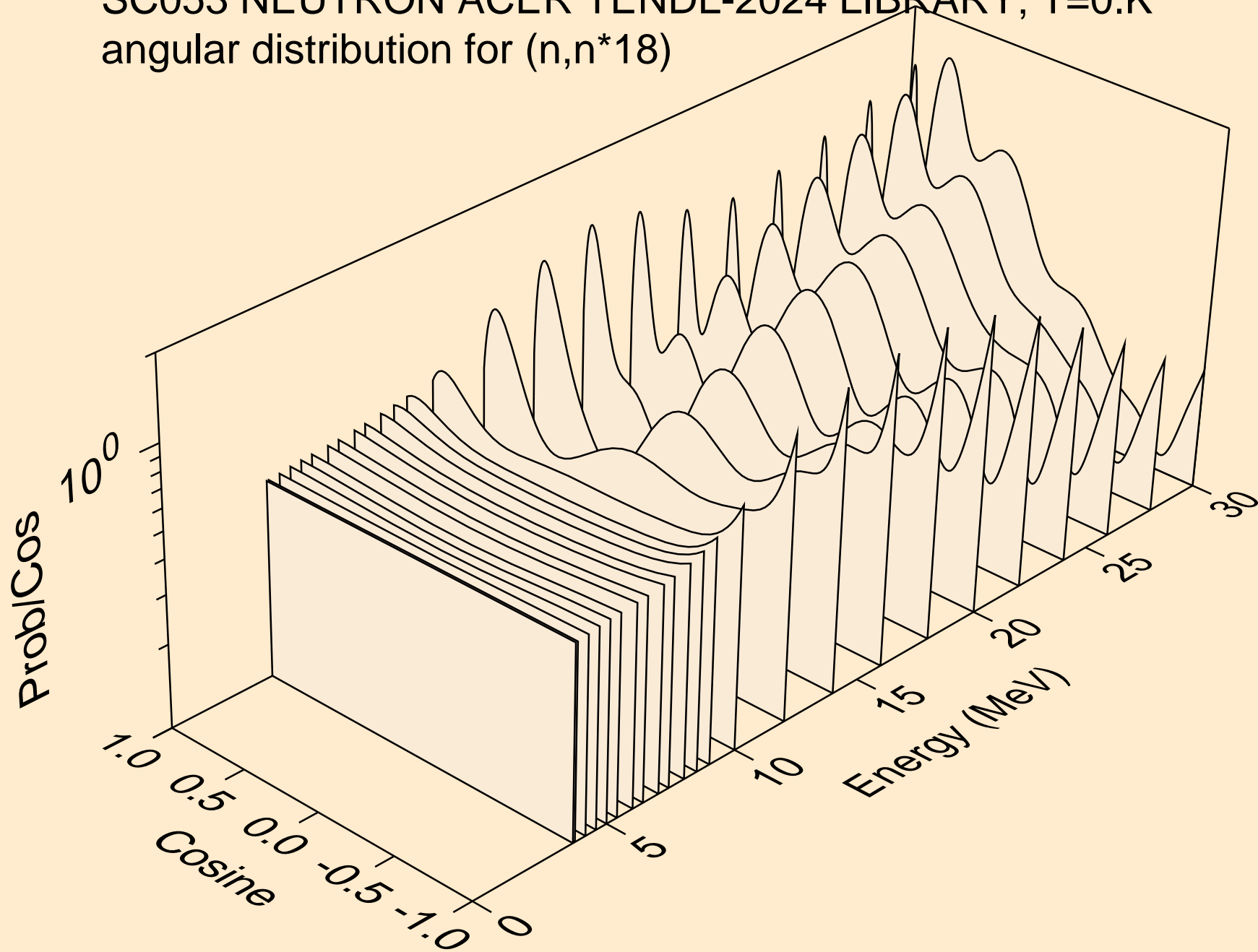
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



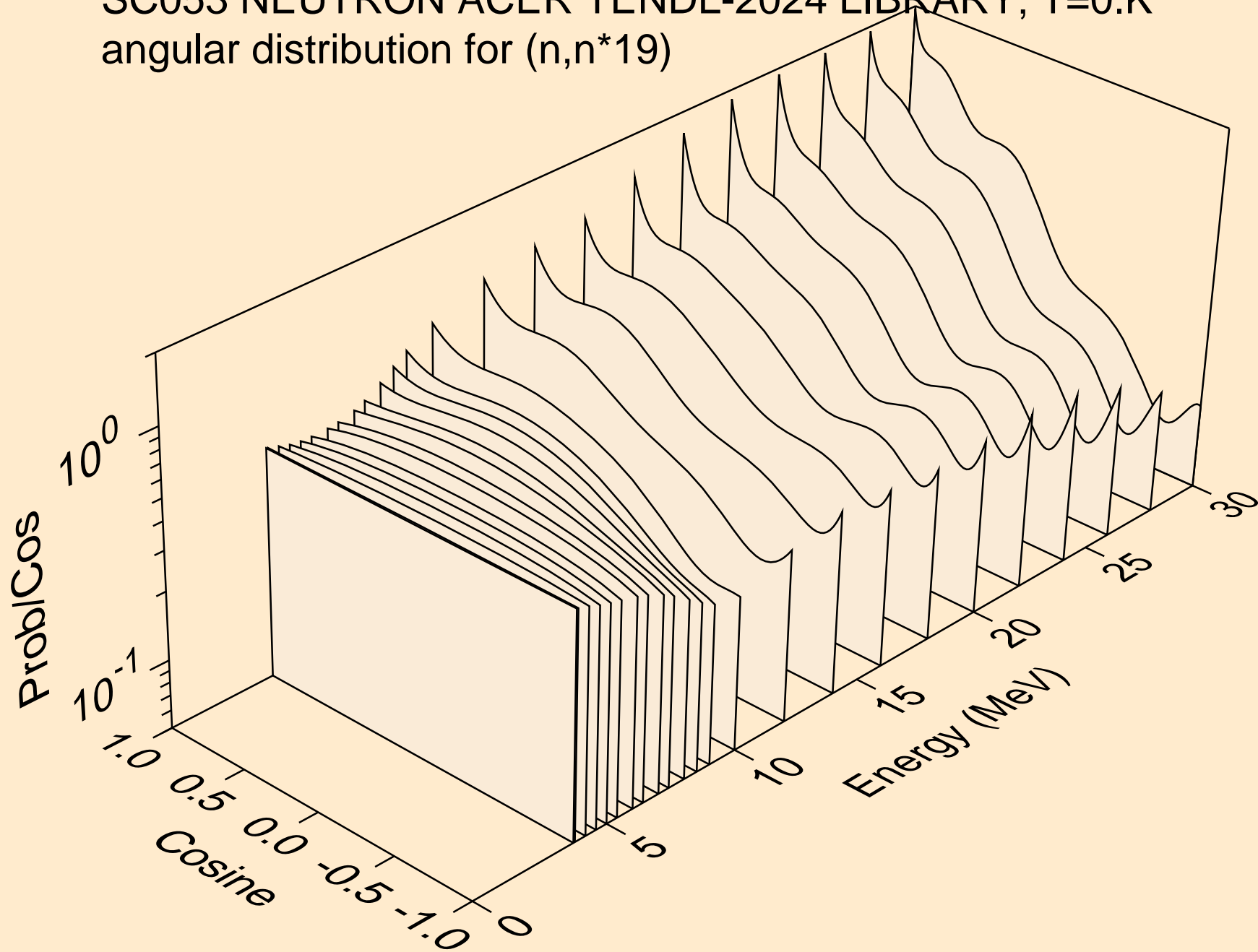
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

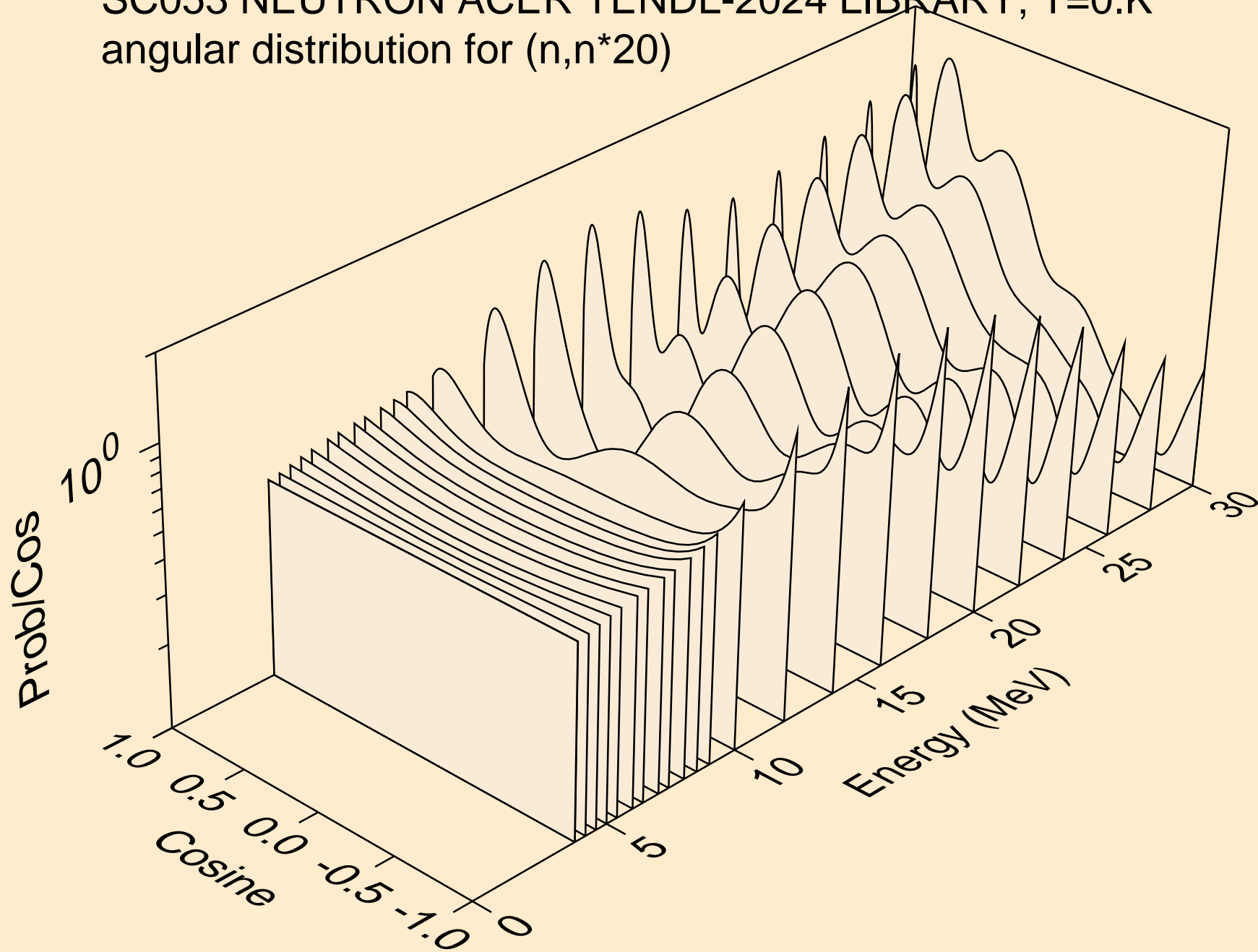


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

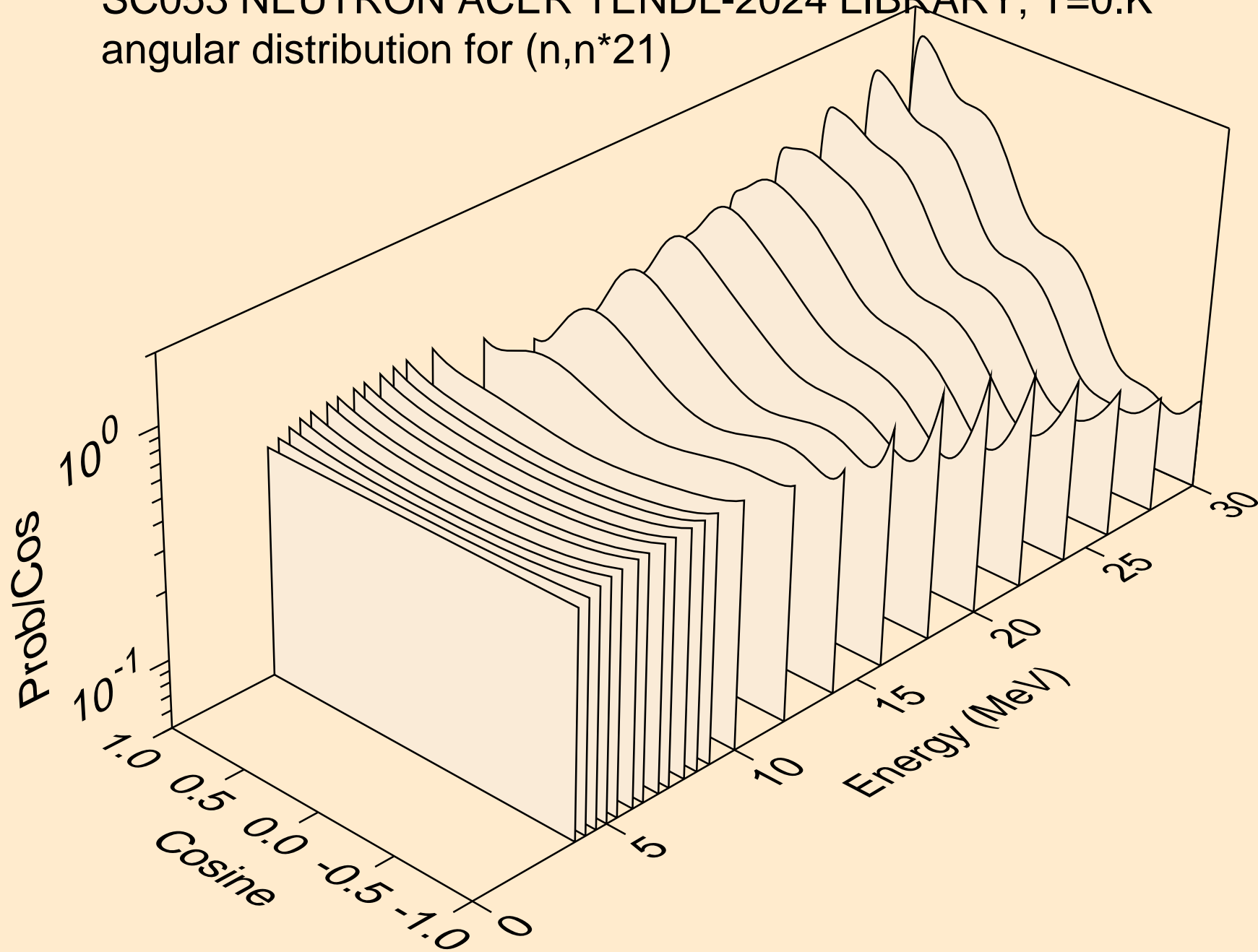




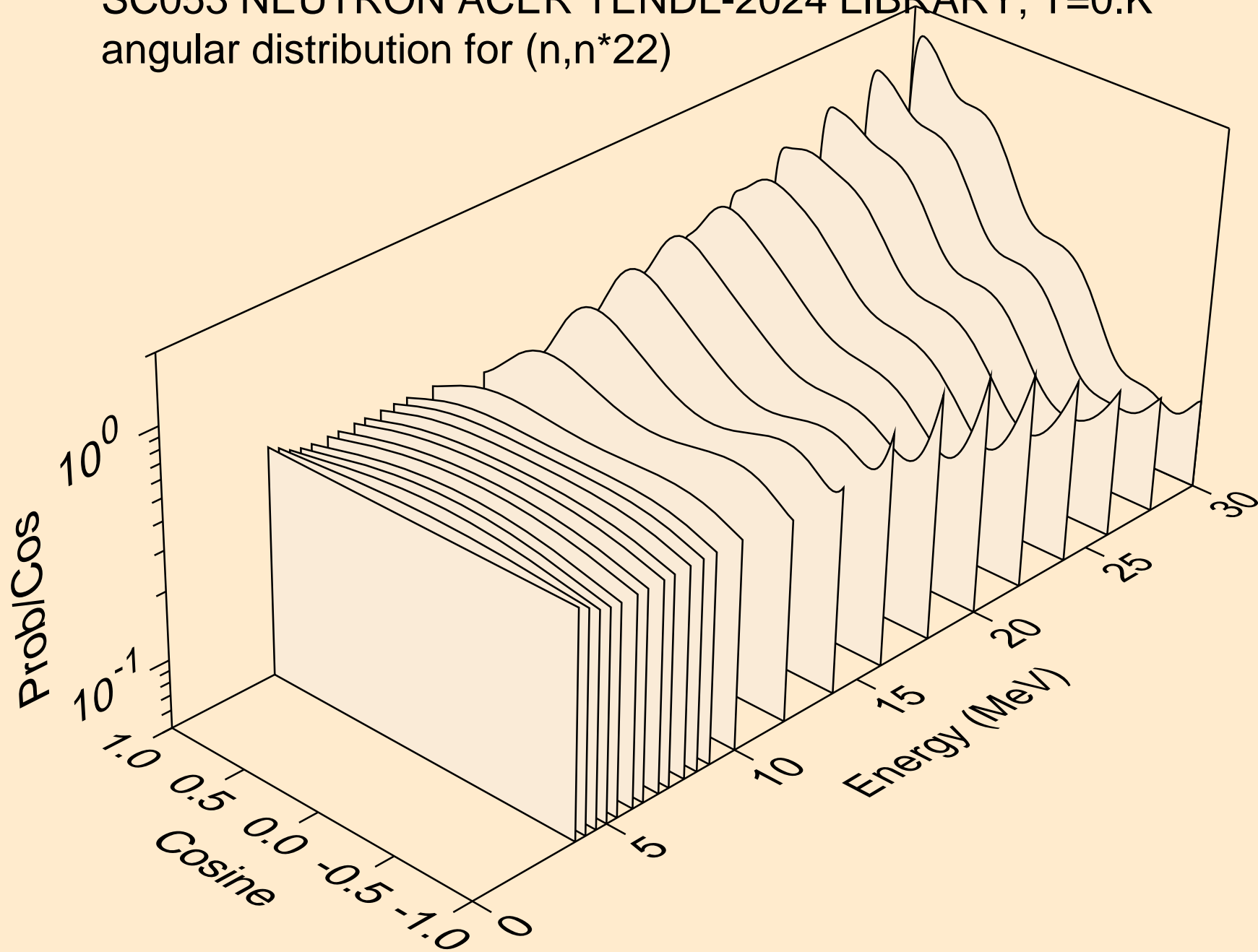
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angular distribution for (n,n\*20)



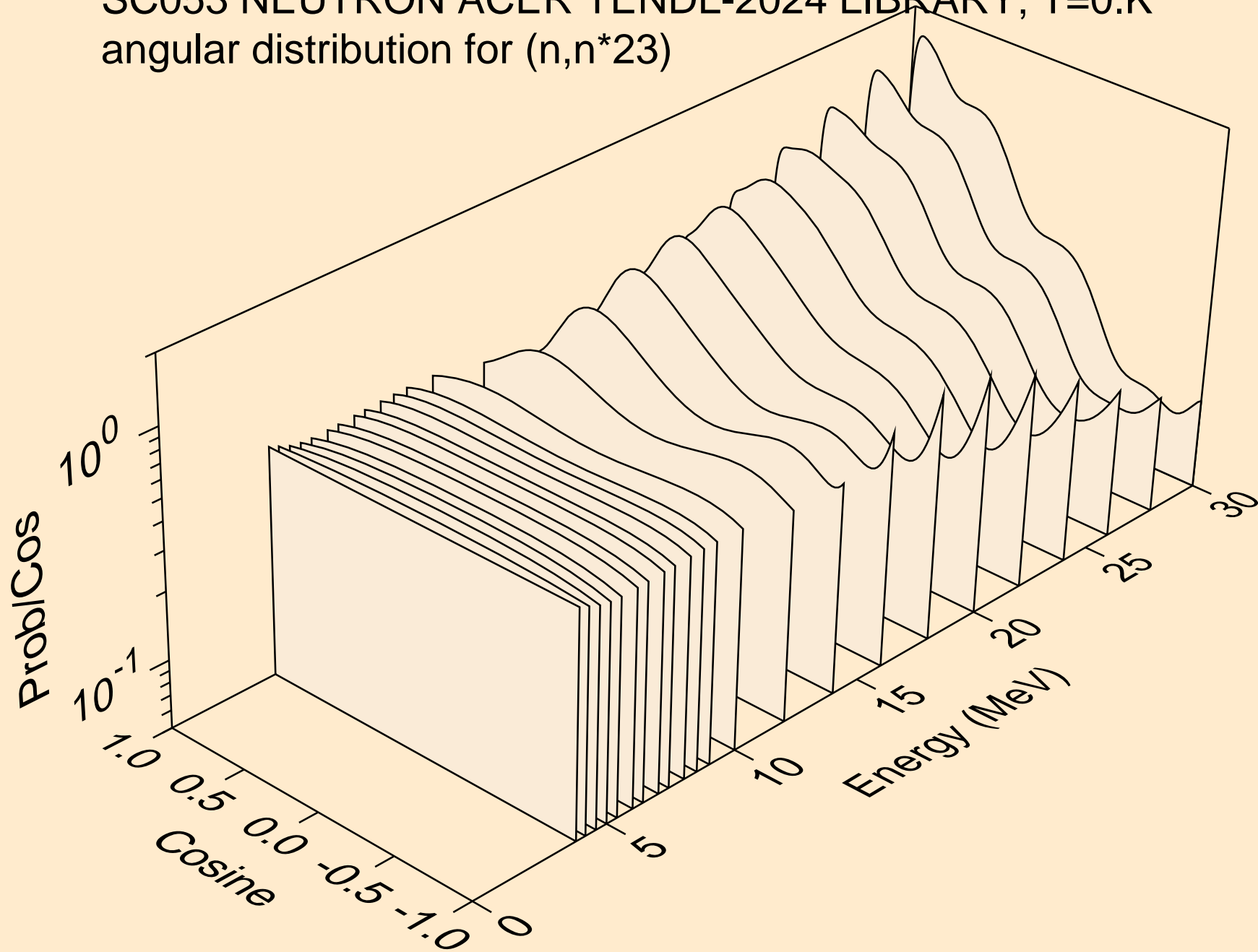
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angular distribution for (n,n\*21)



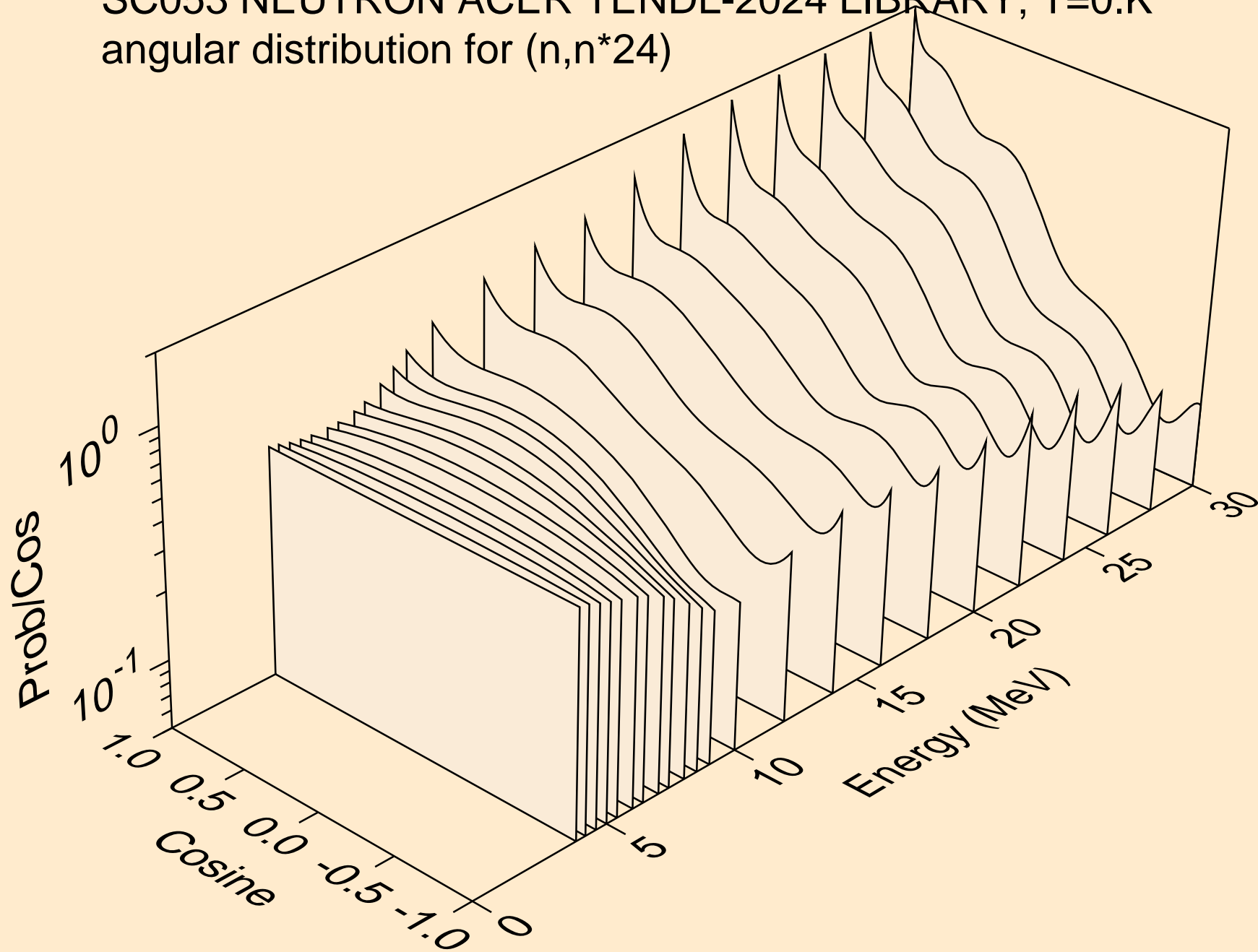
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angular distribution for (n,n\*22)



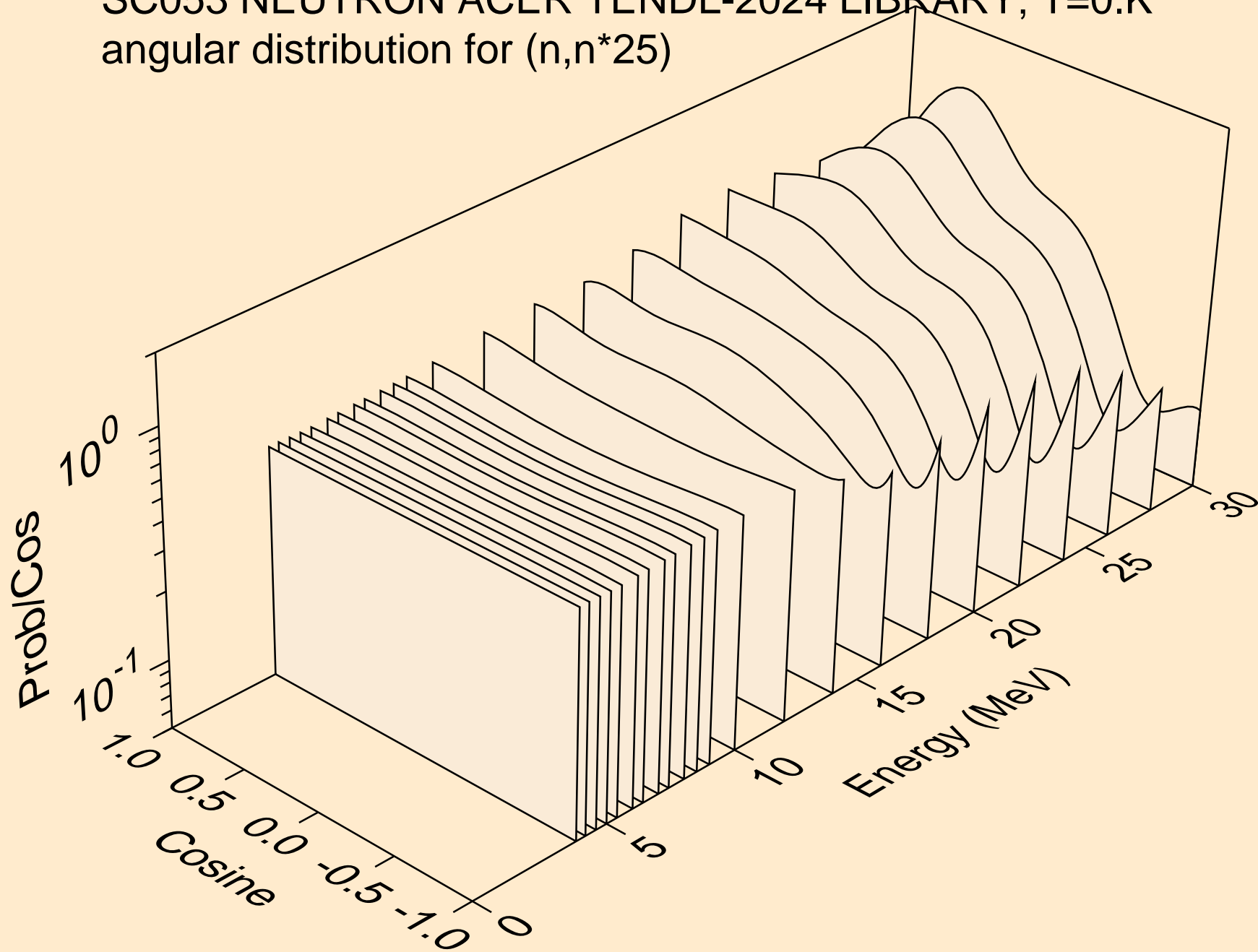
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angular distribution for (n,n\*23)



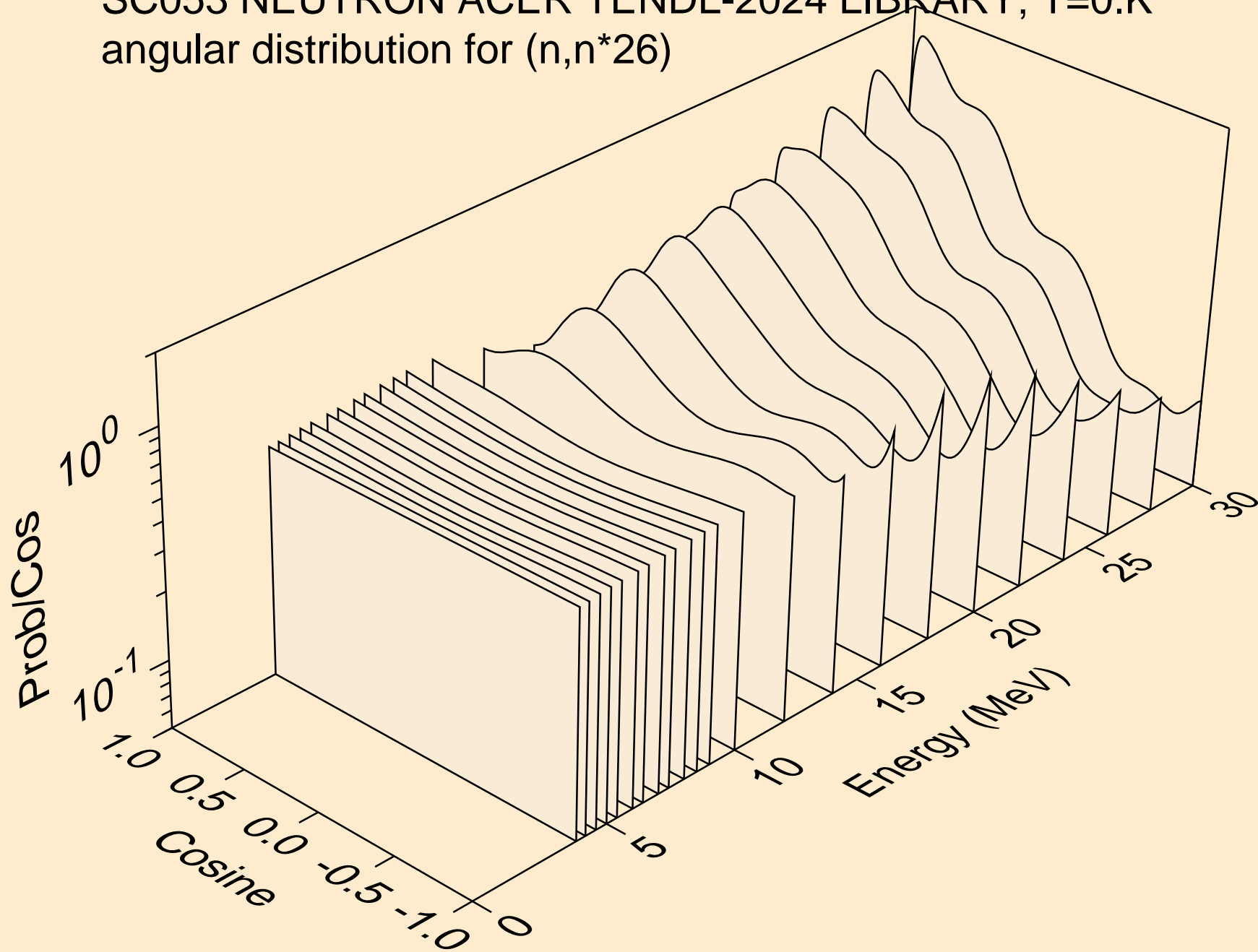
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angular distribution for (n,n\*24)



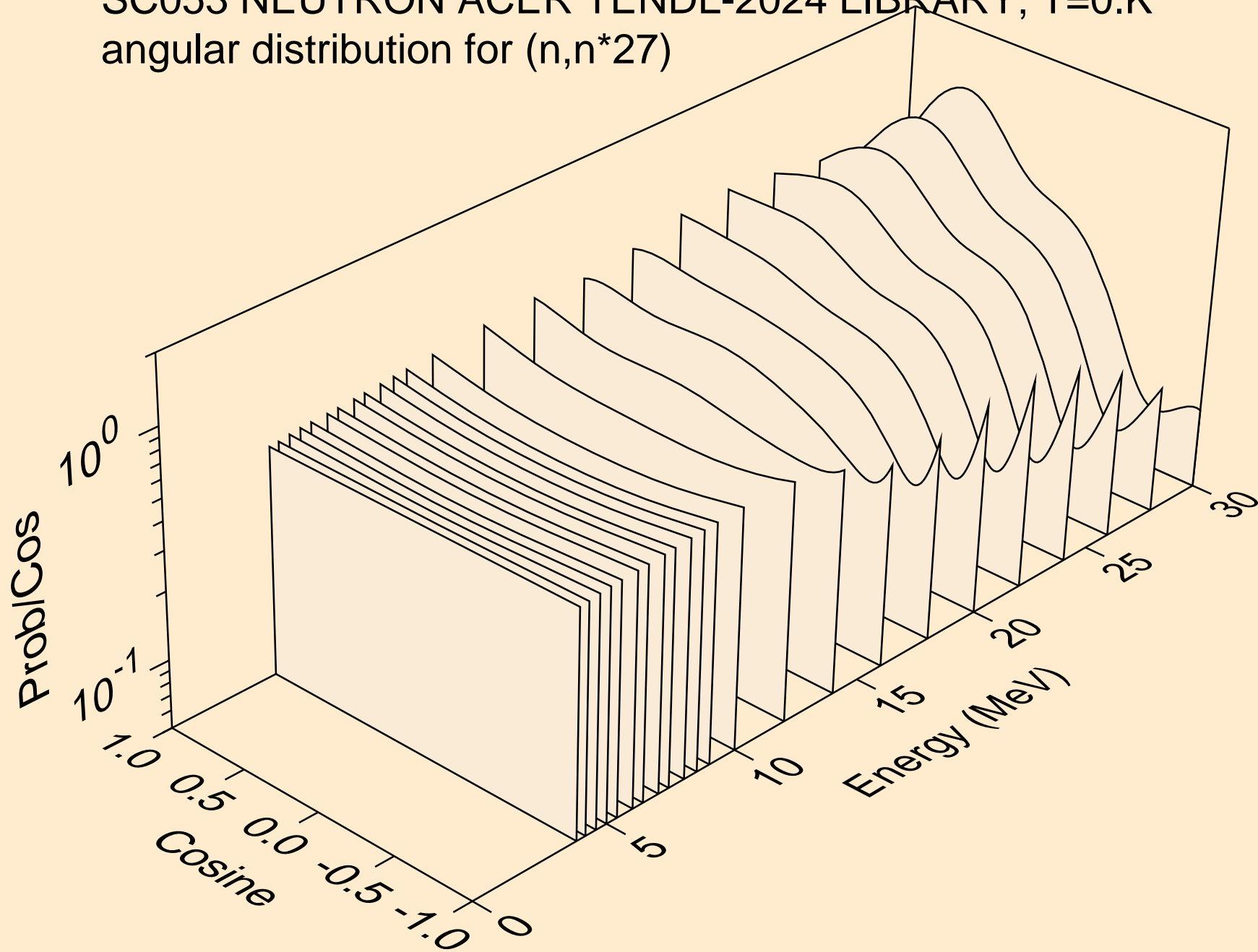
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

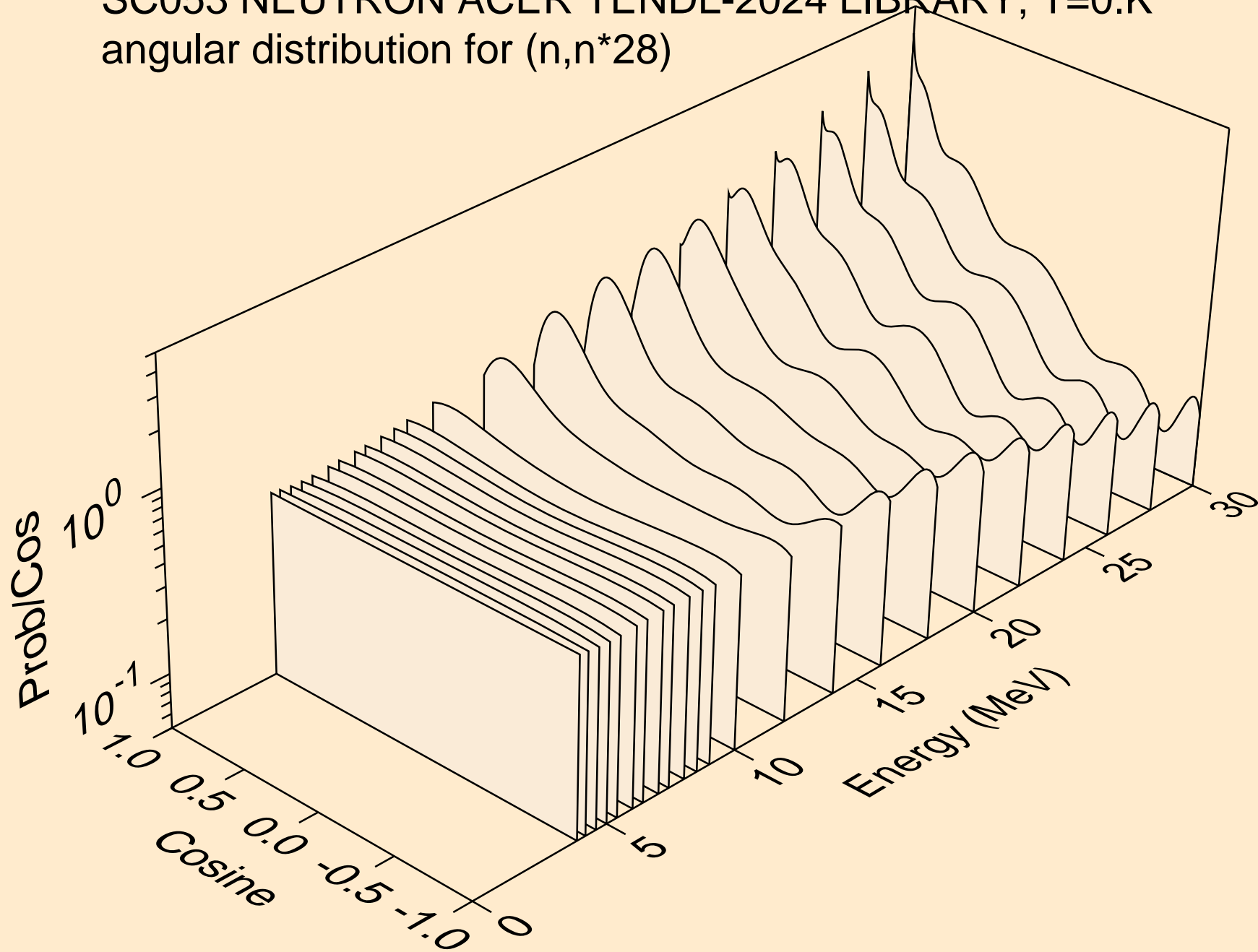


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

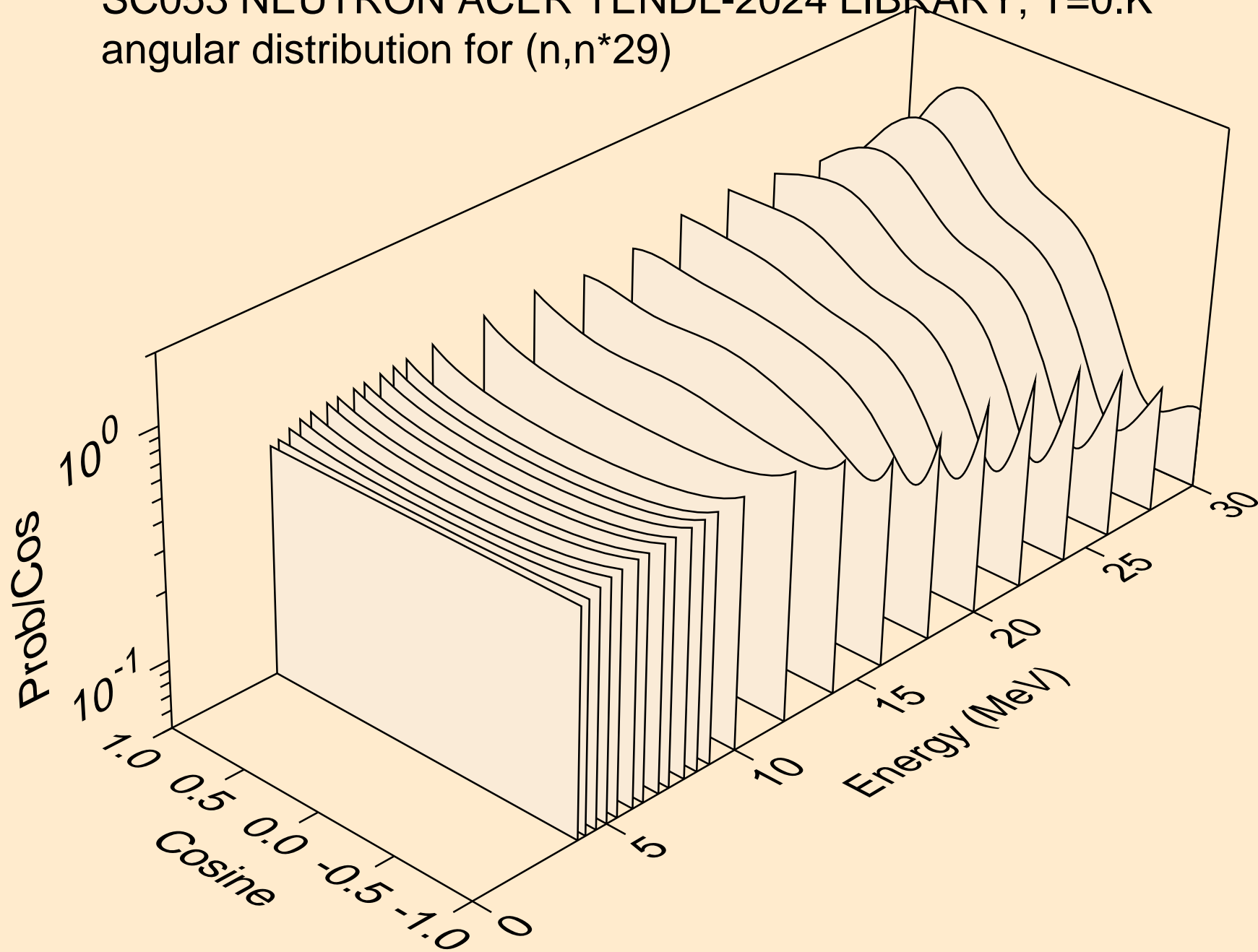




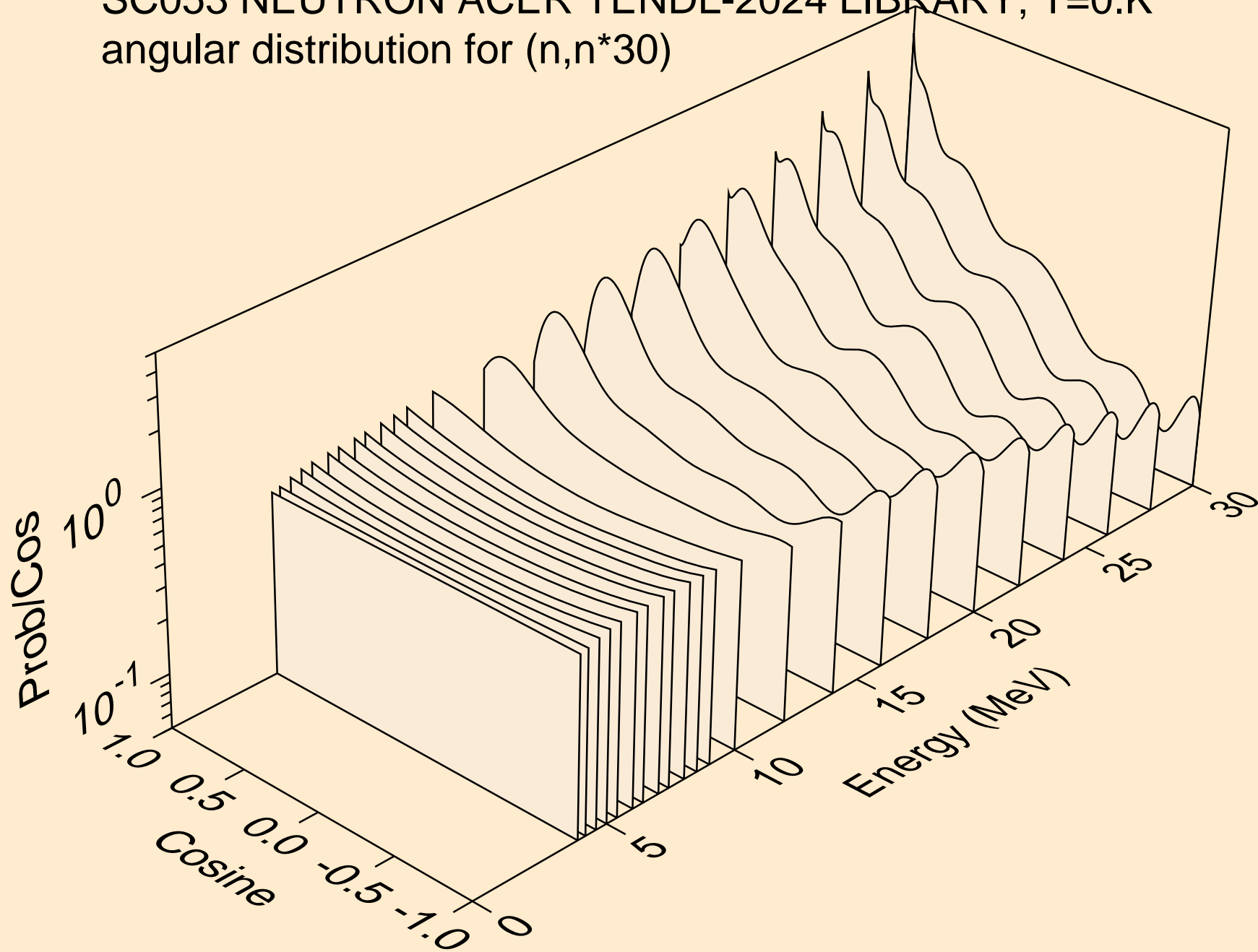
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



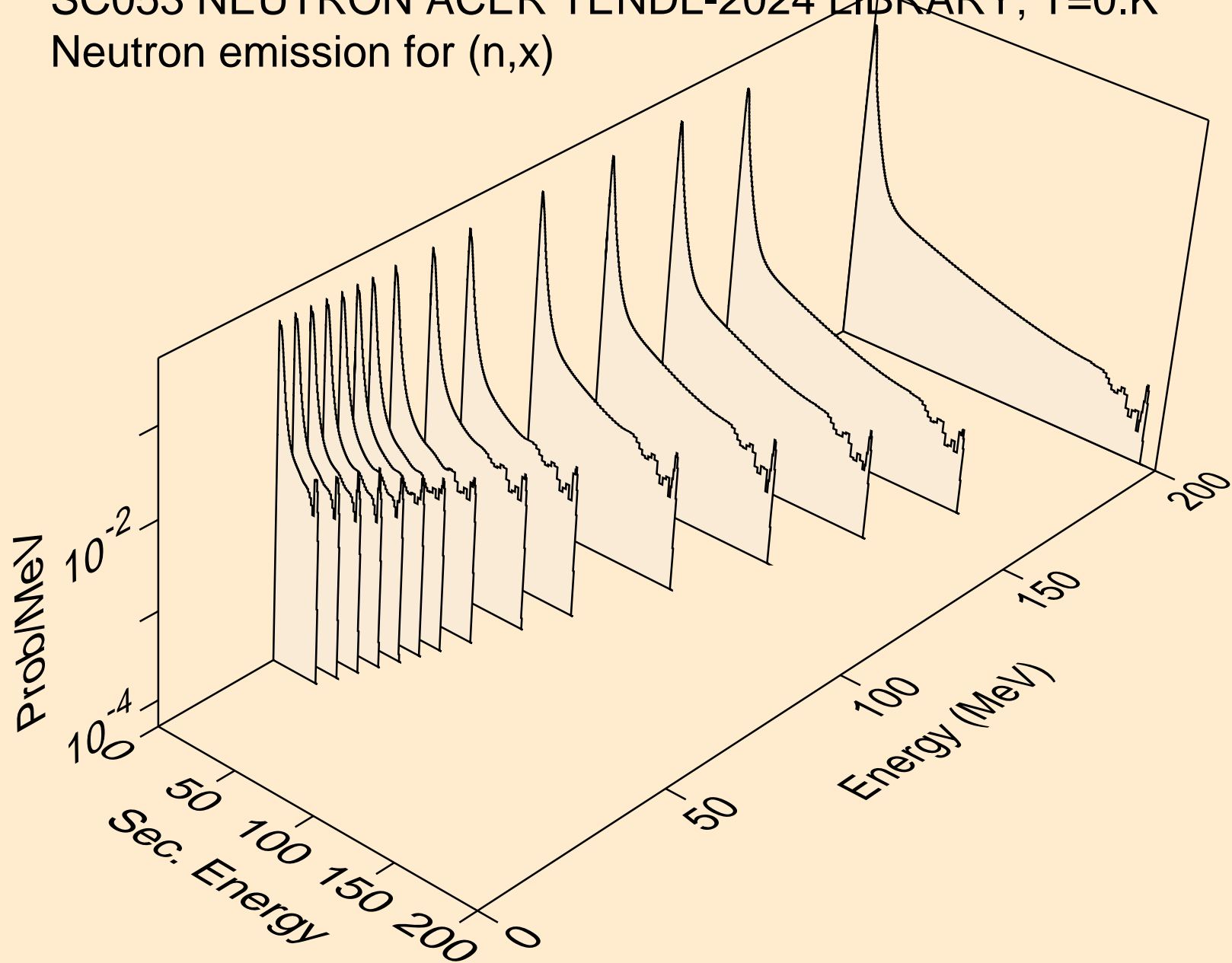
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angular distribution for (n,n\*29)



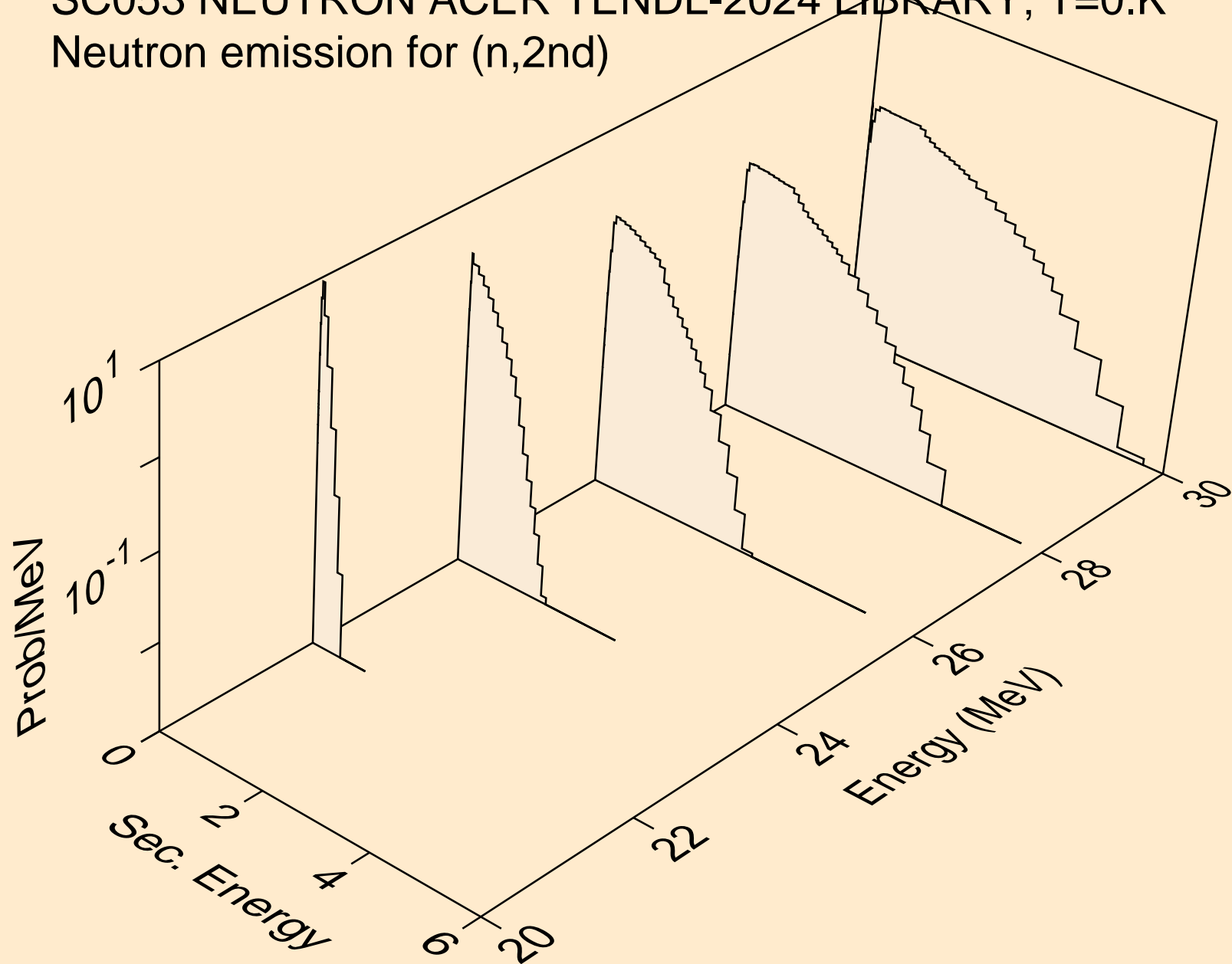
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angular distribution for (n,n\*30)



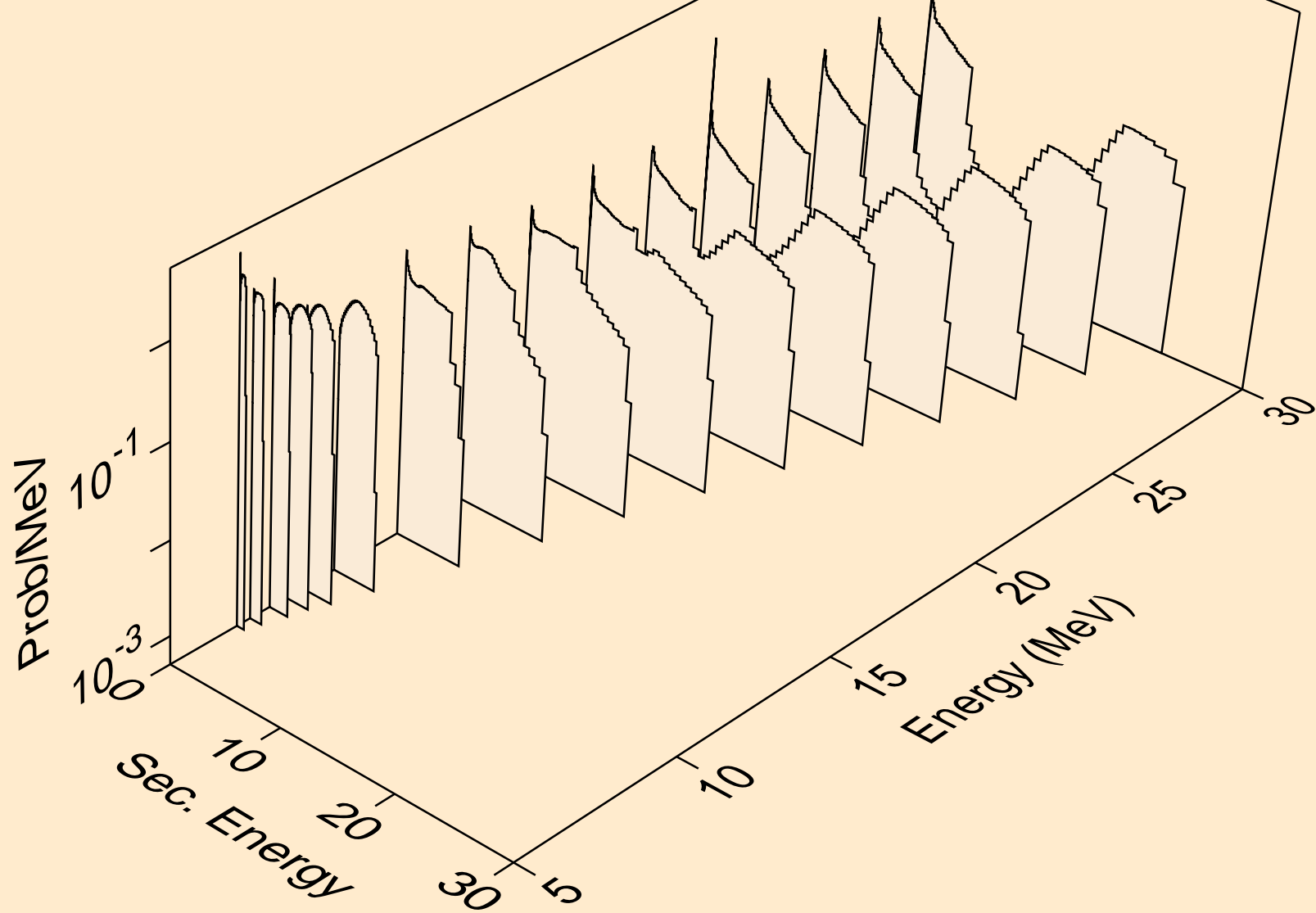
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



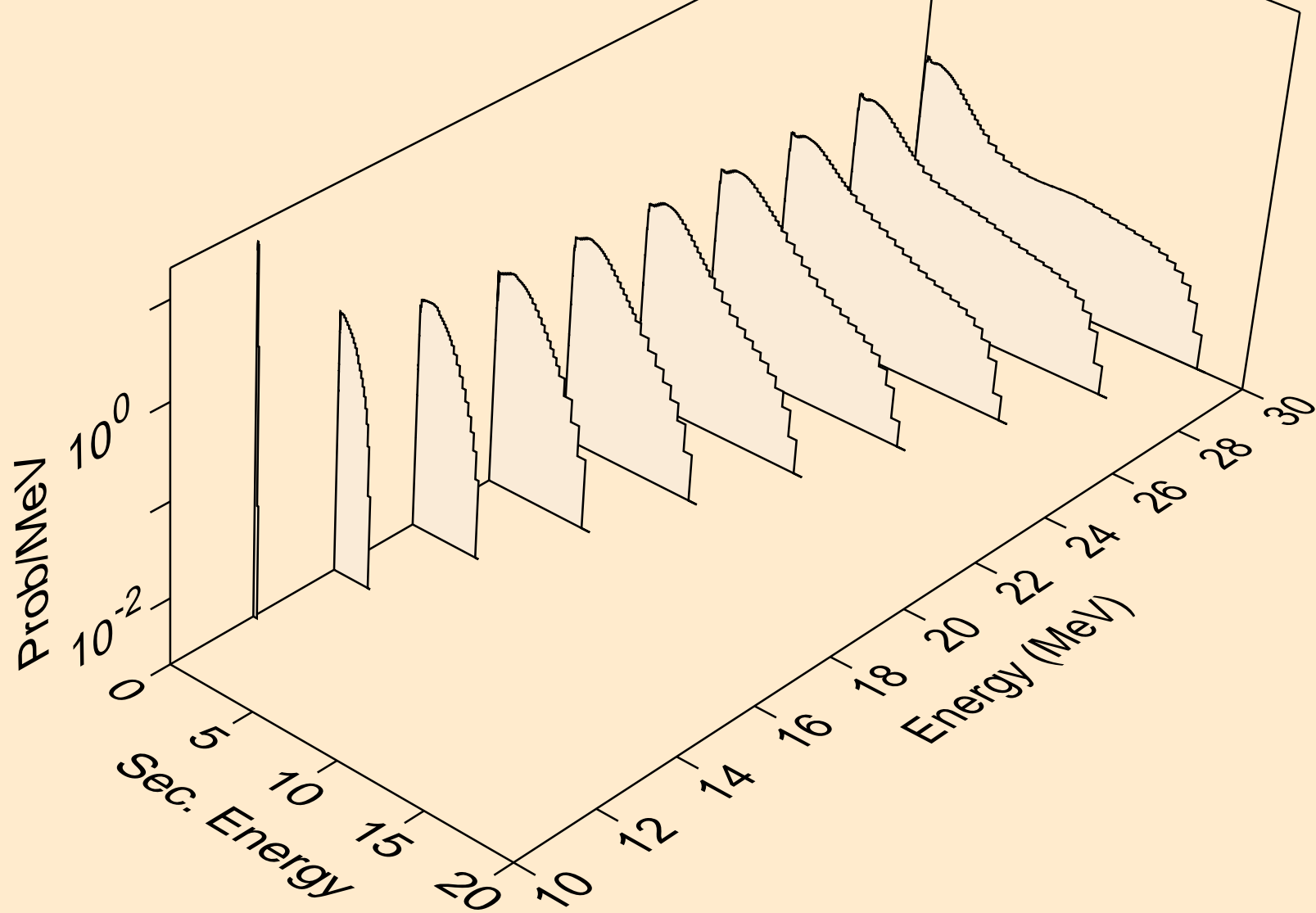
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



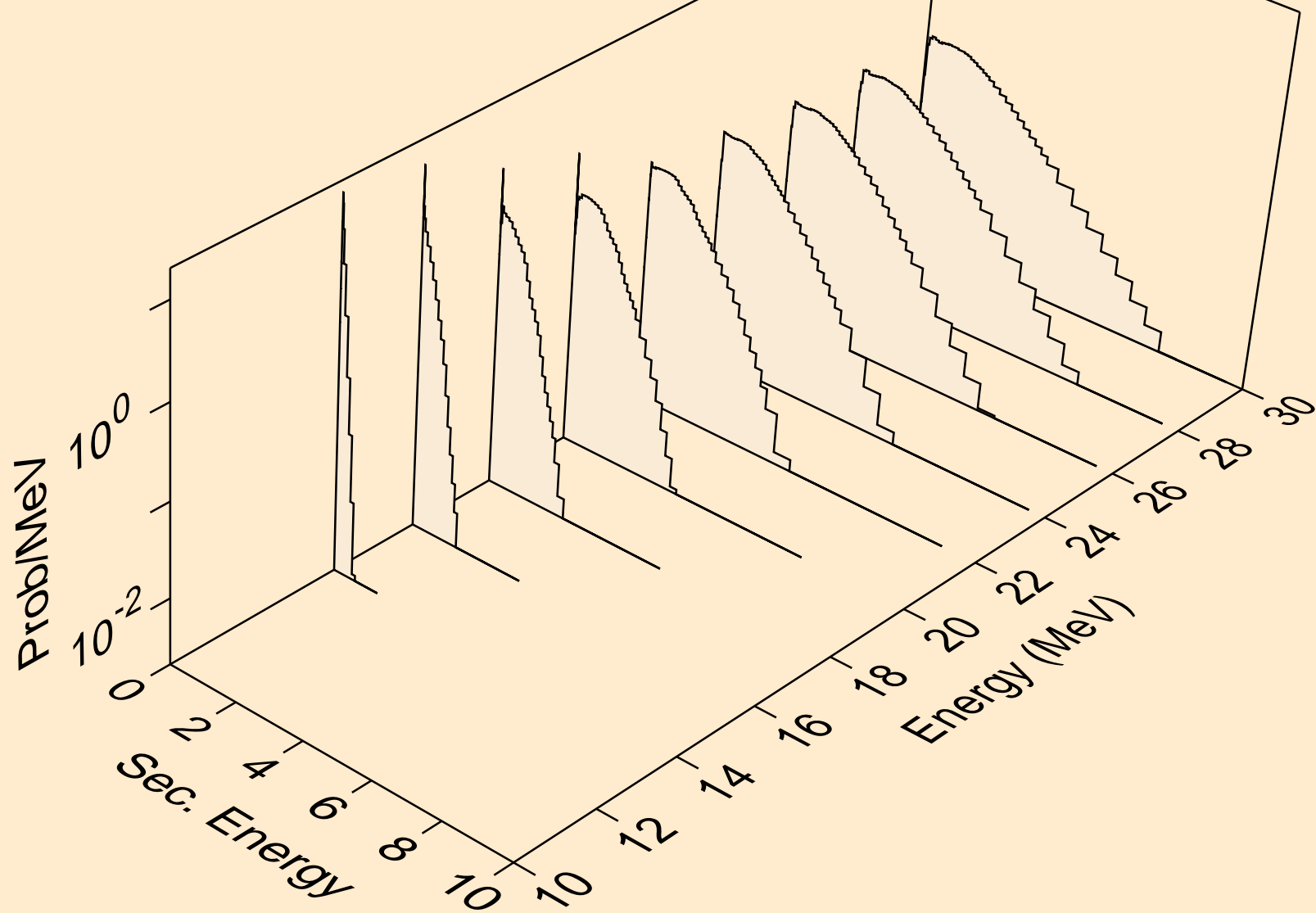
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

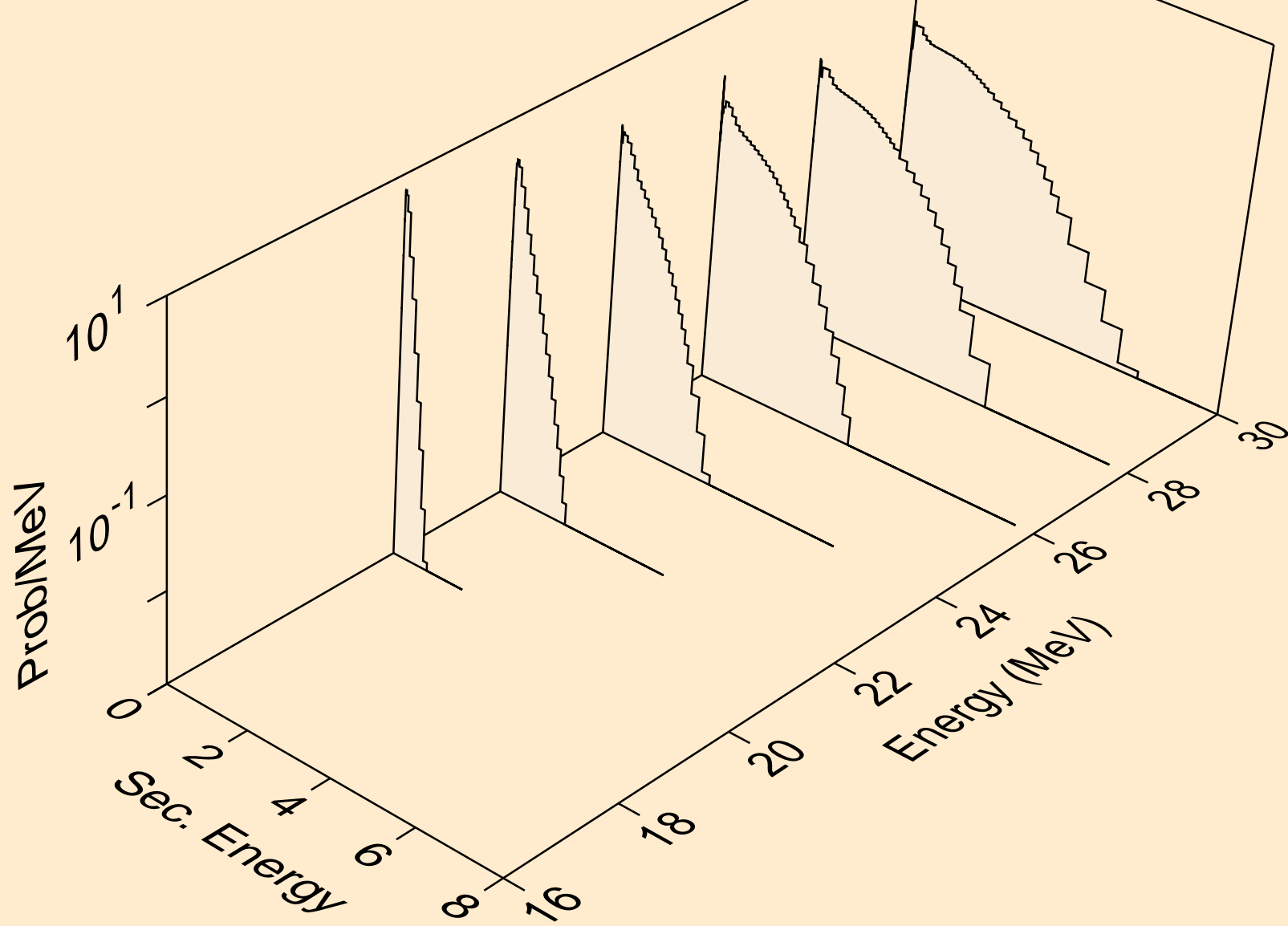


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

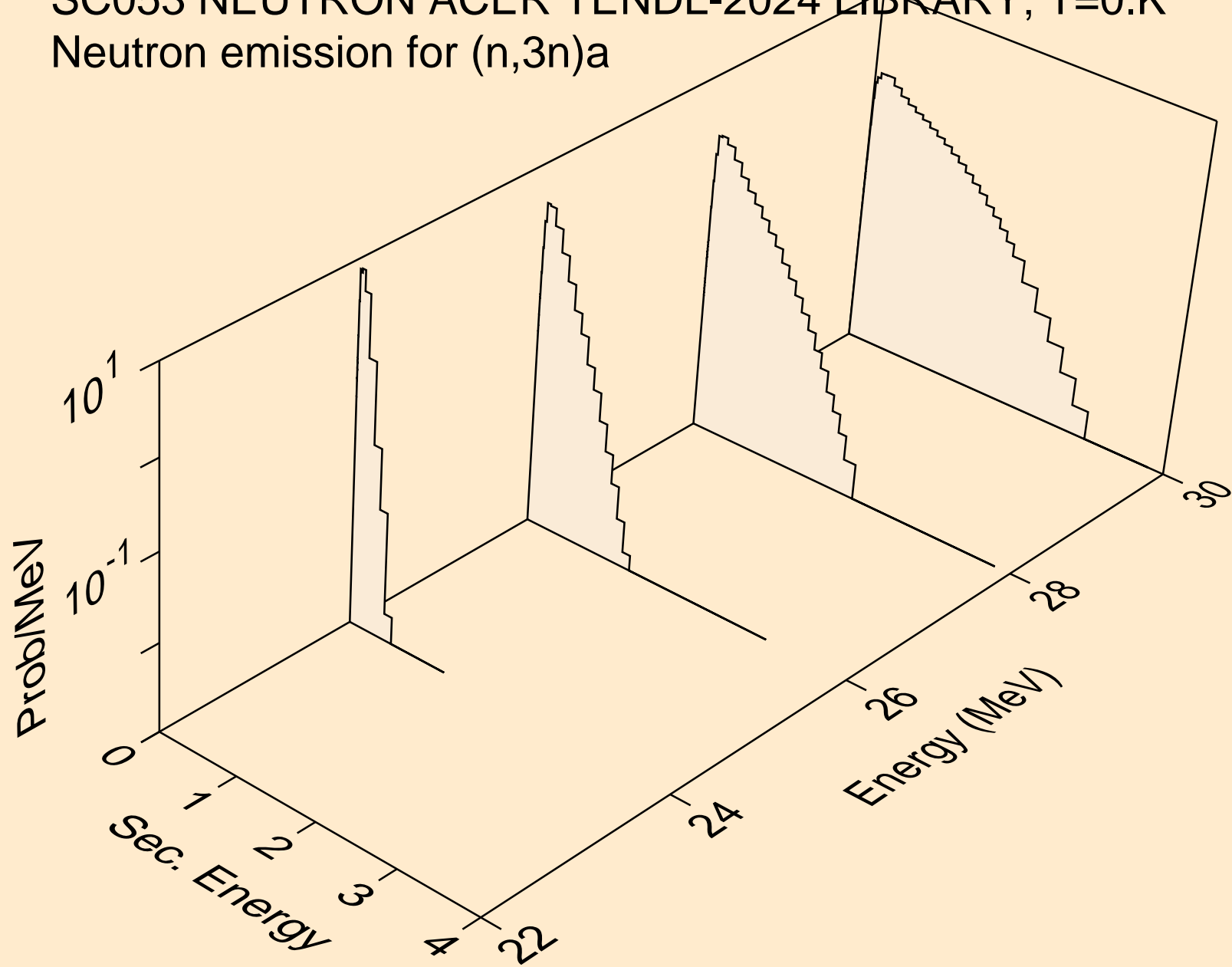




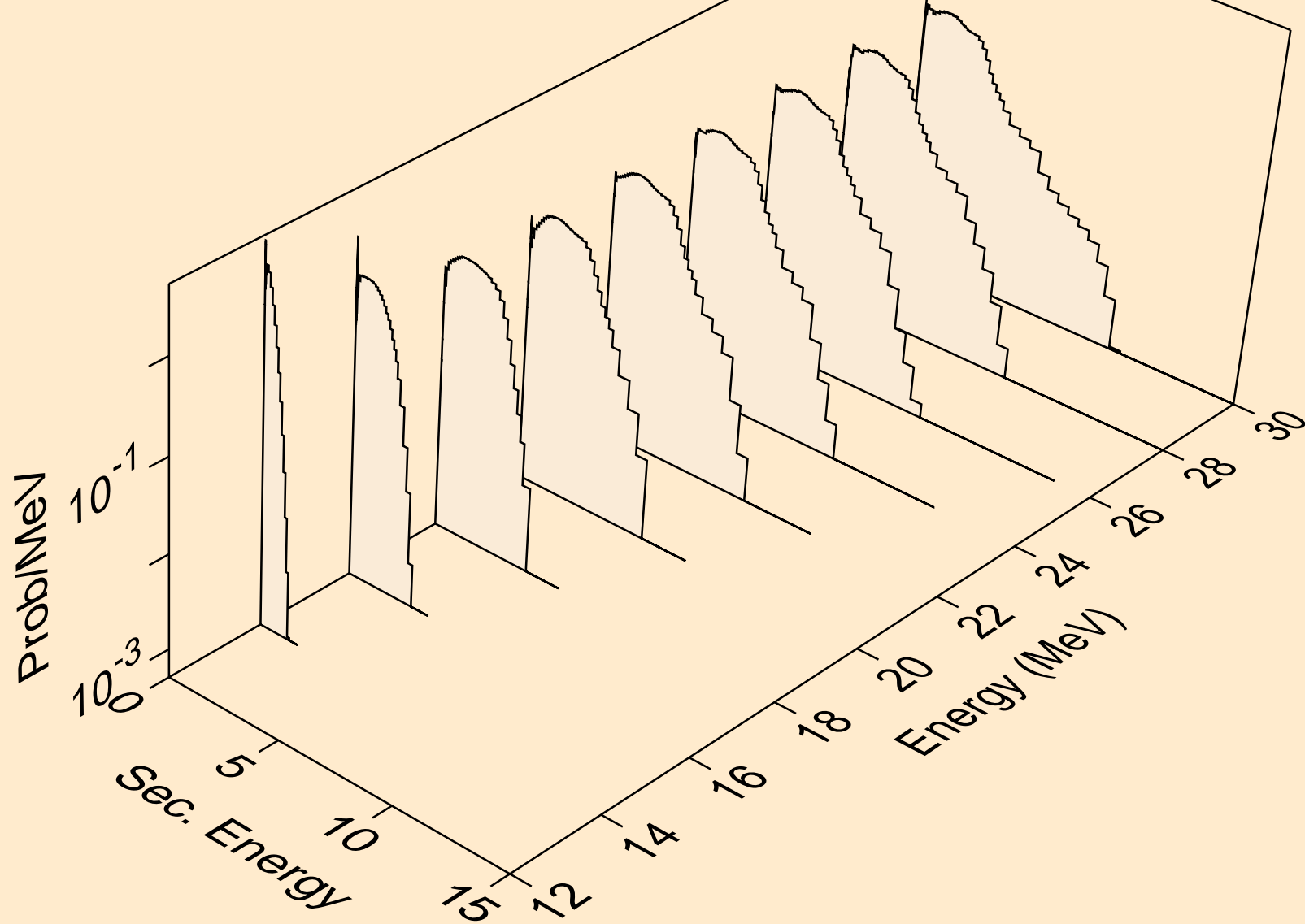
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



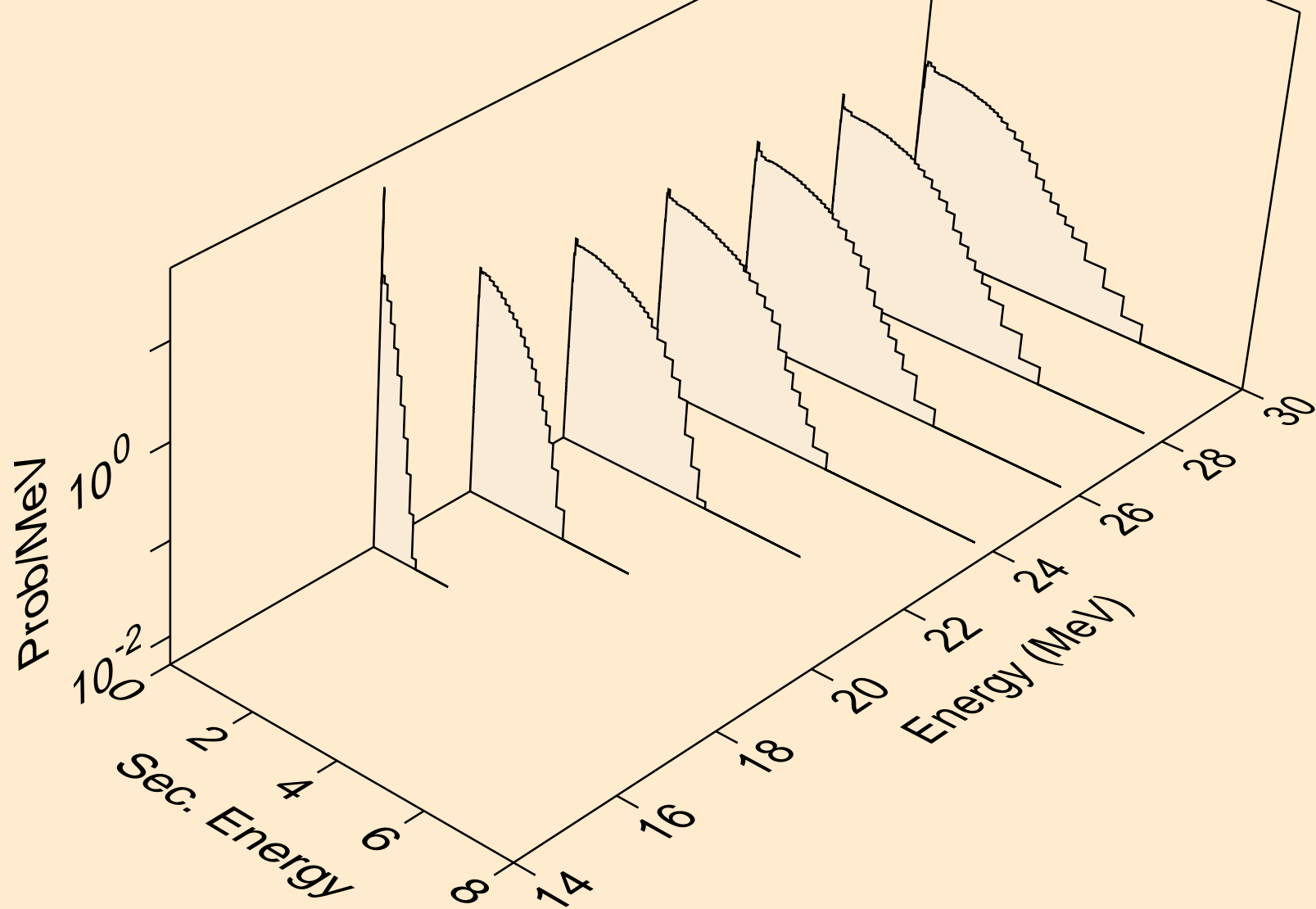
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



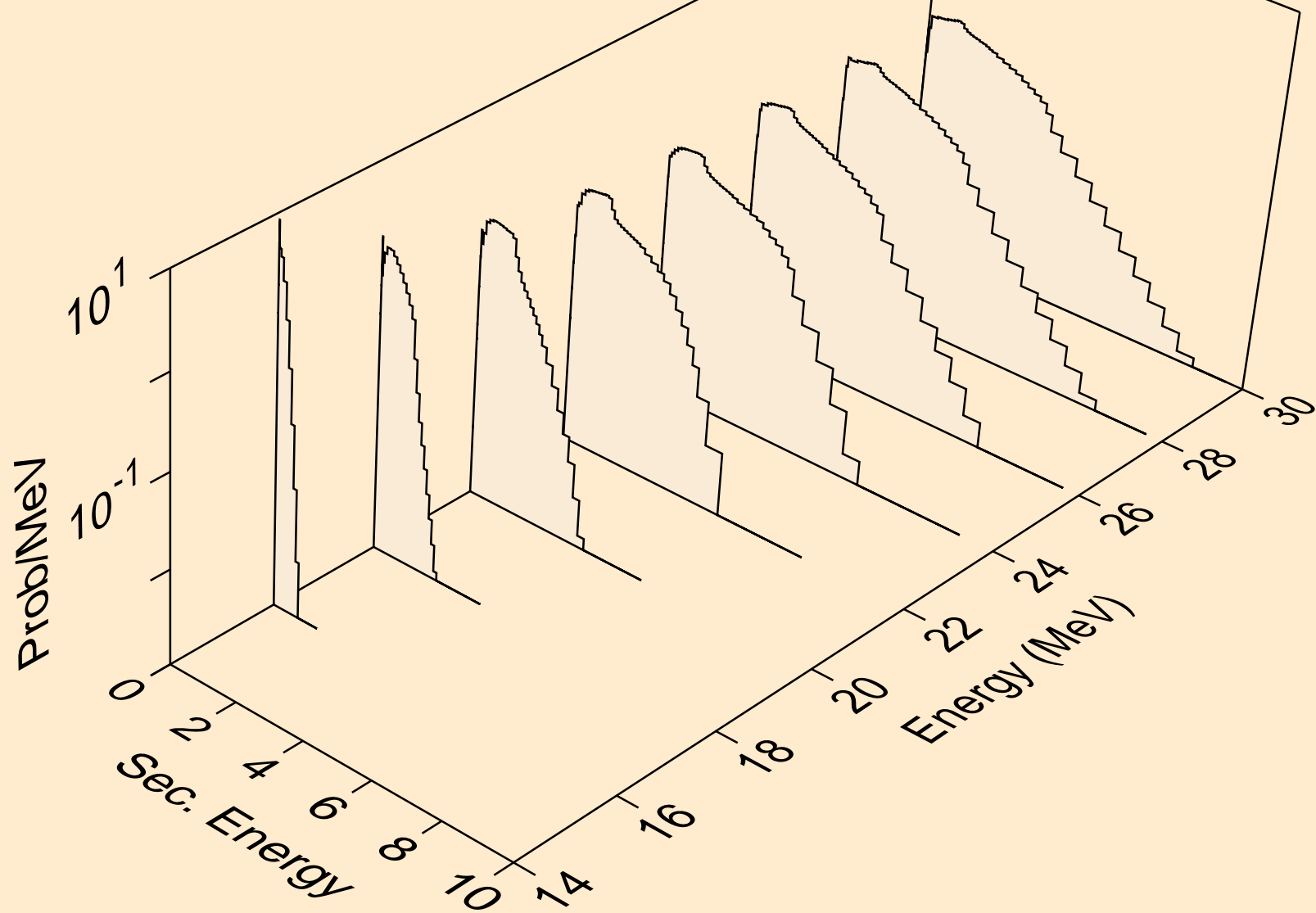
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



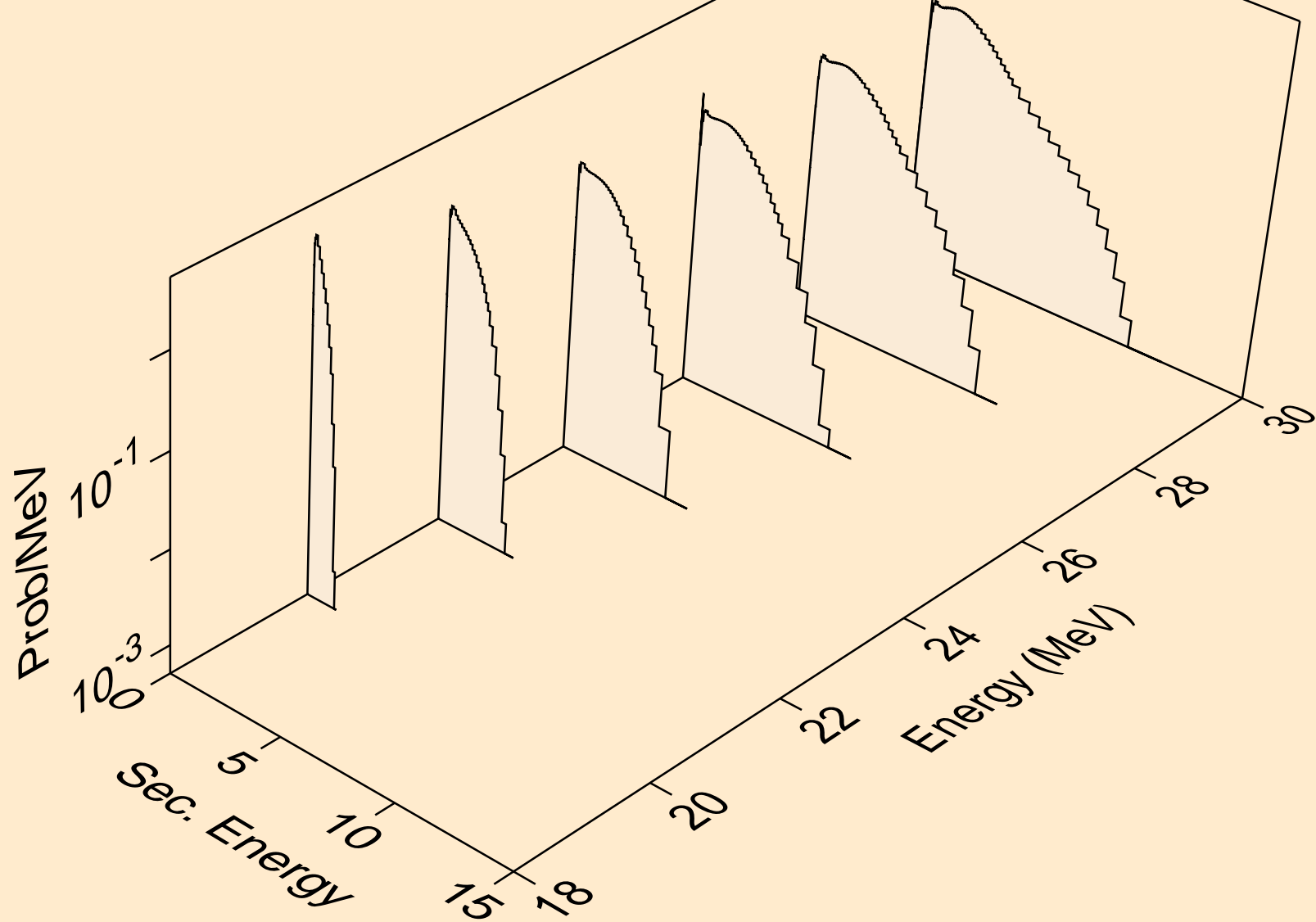
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



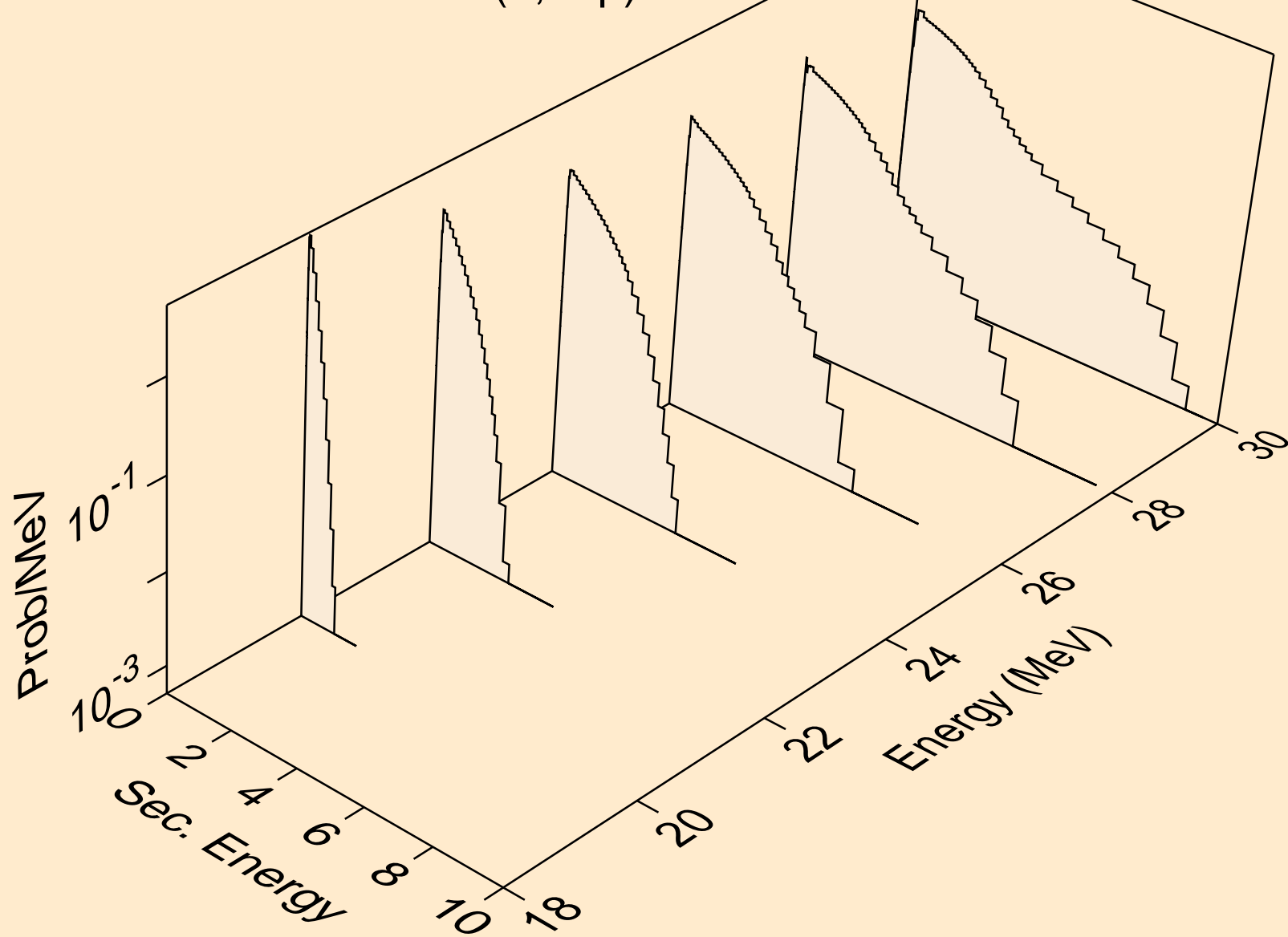
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



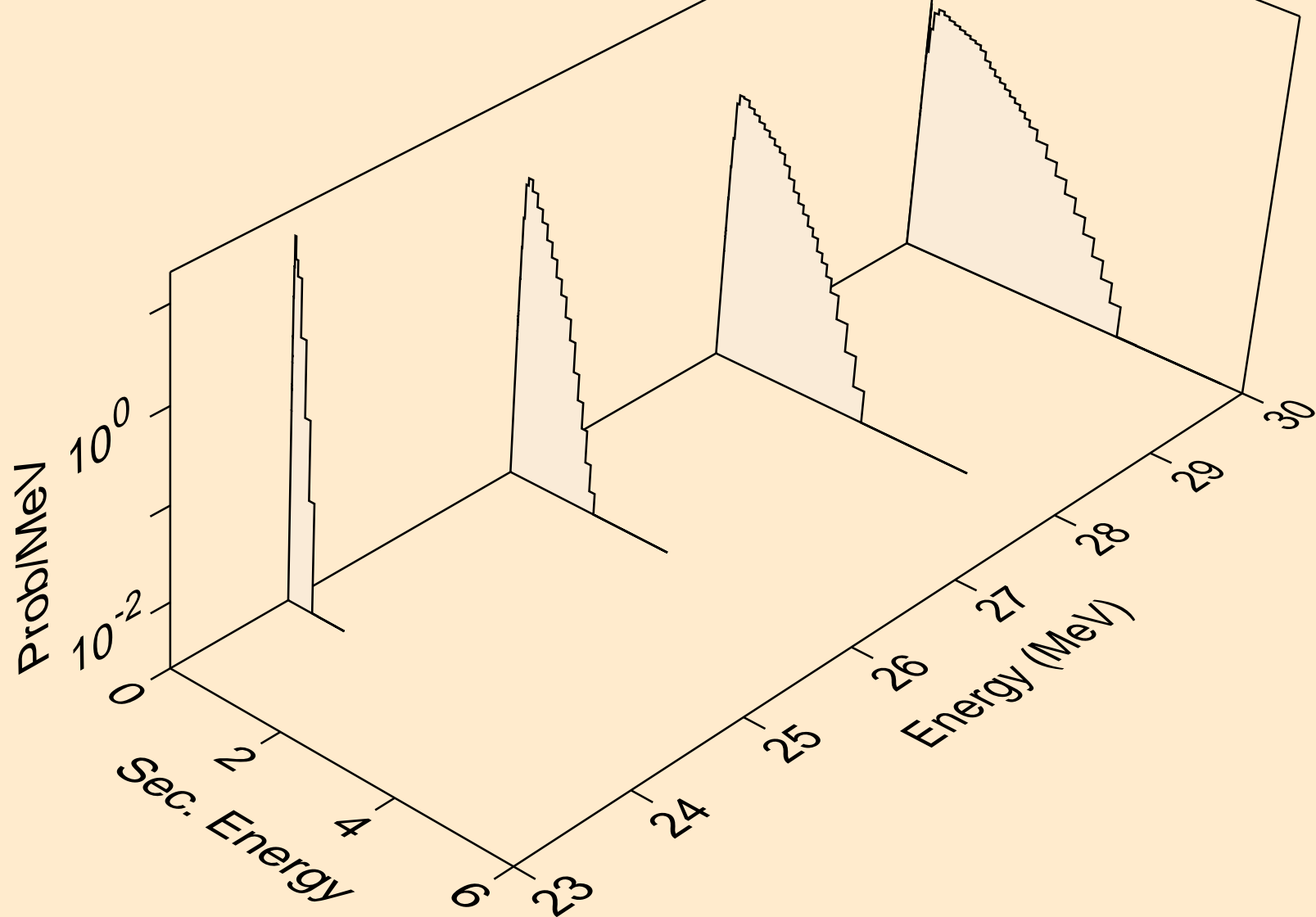
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

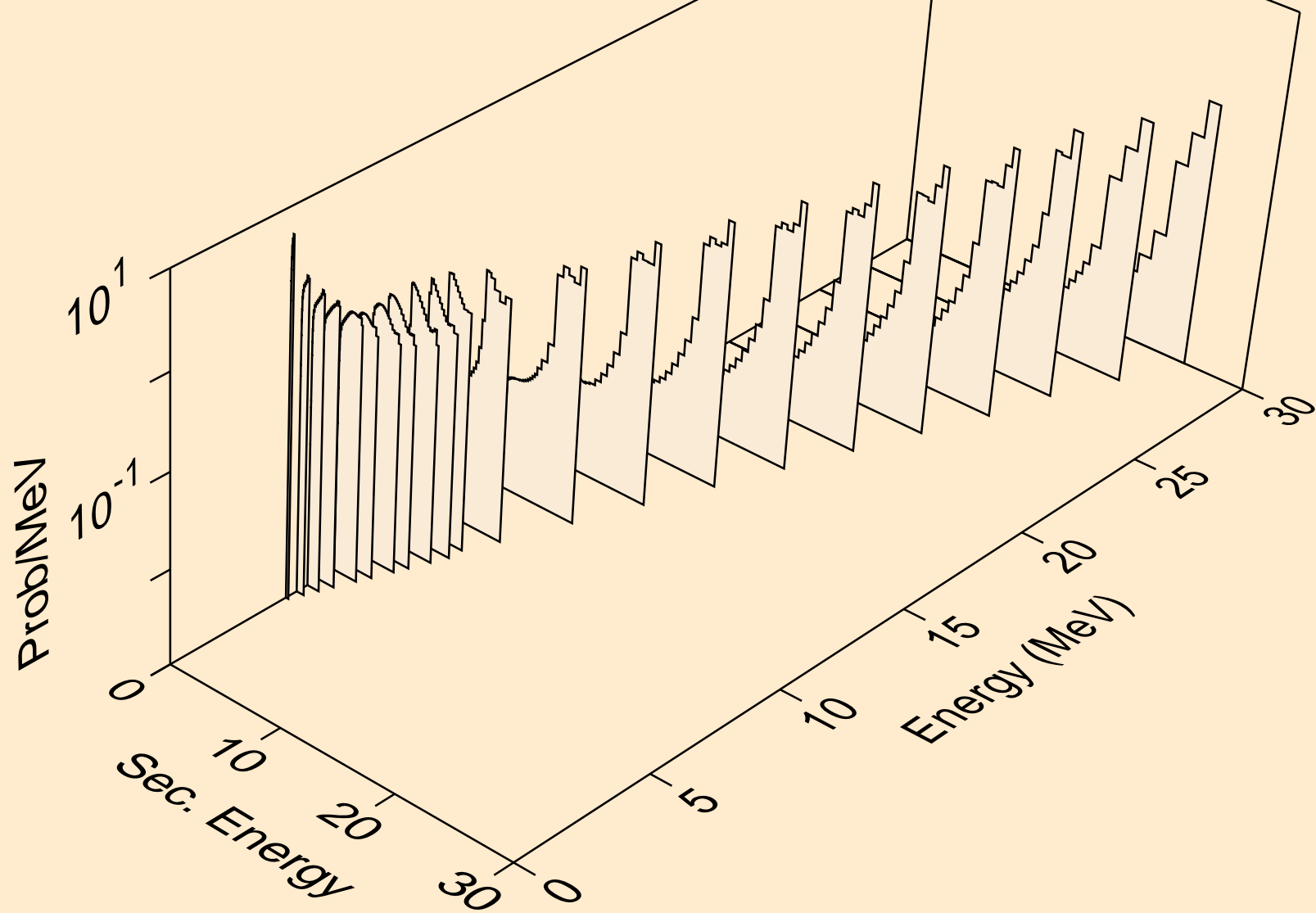


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

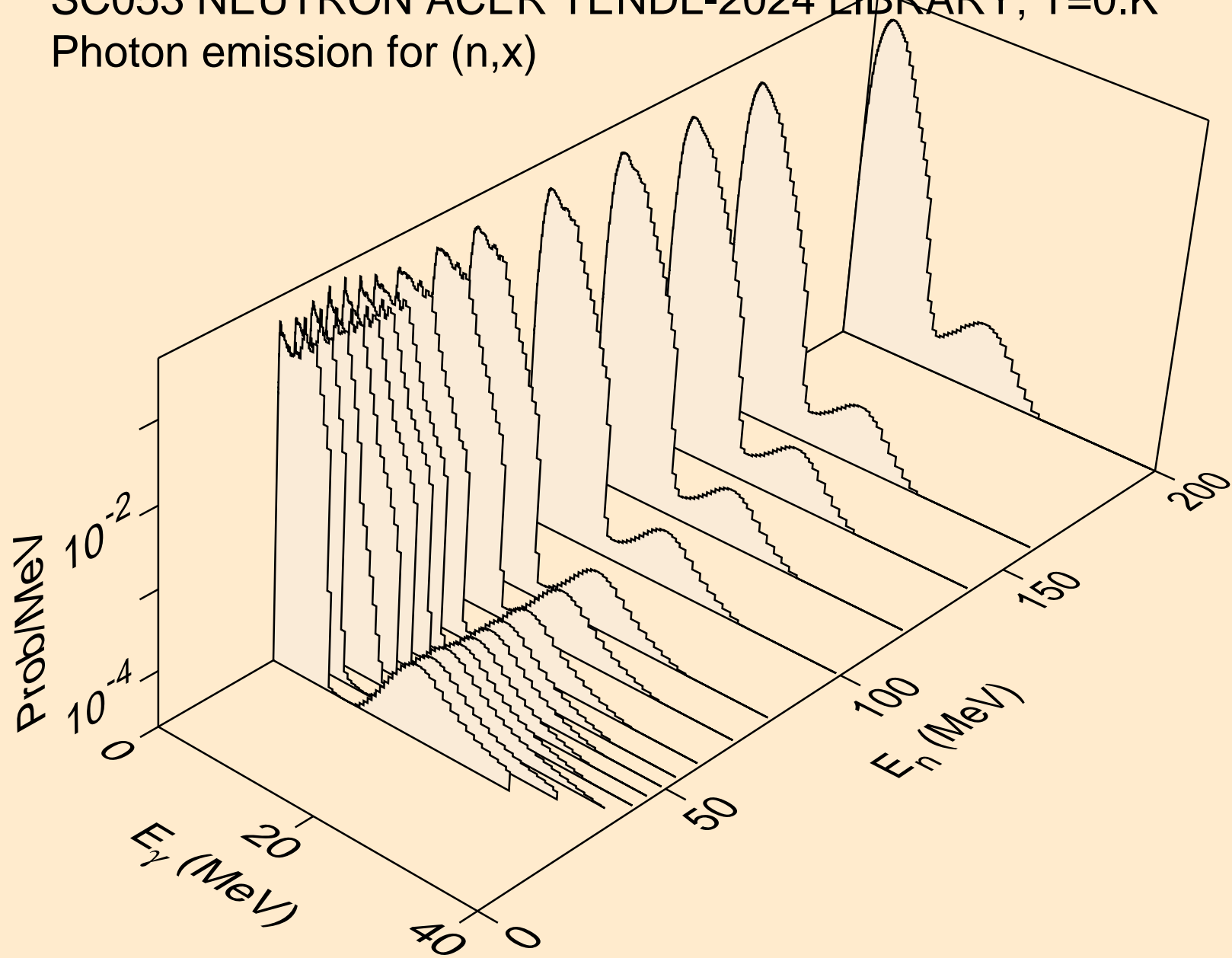




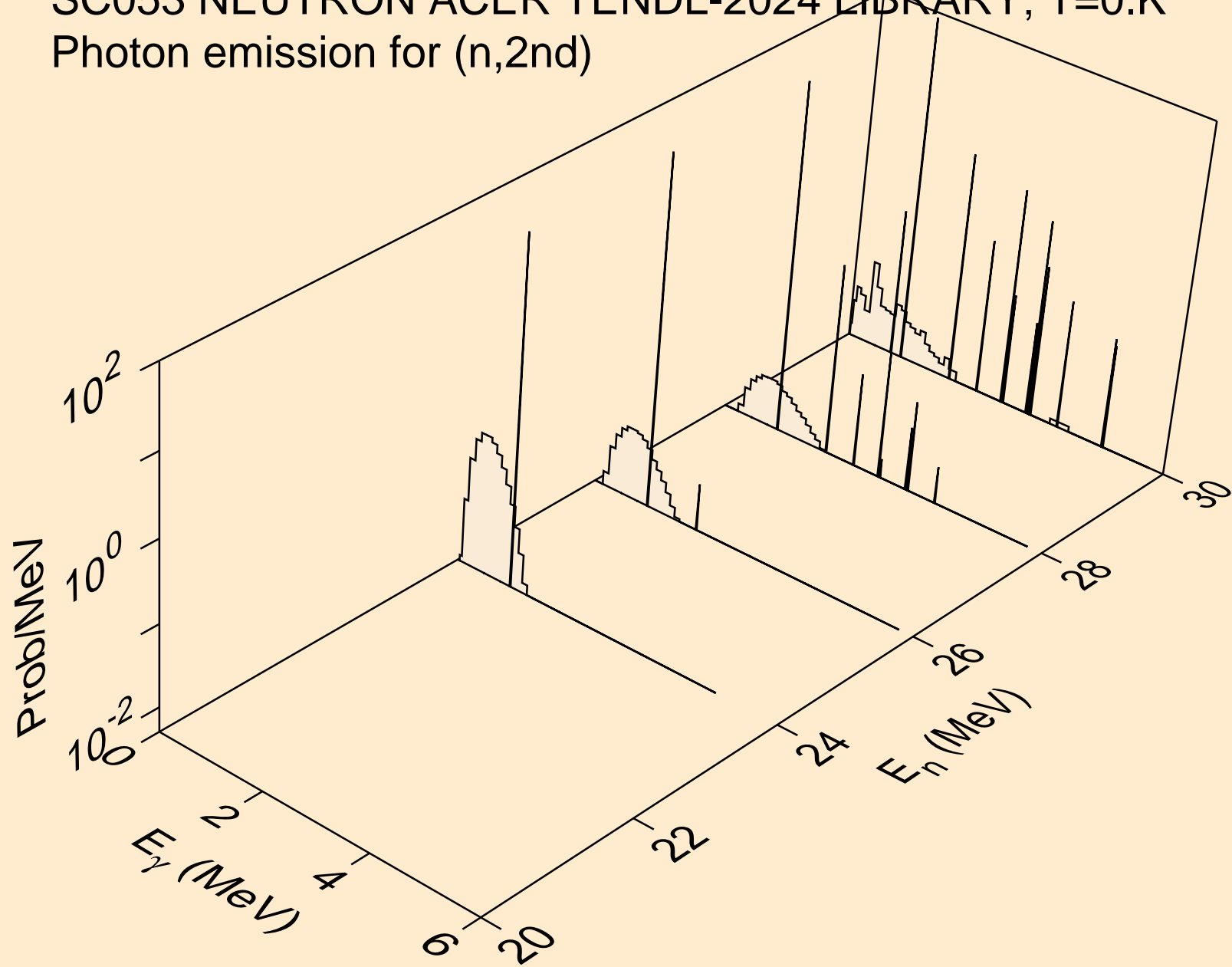
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



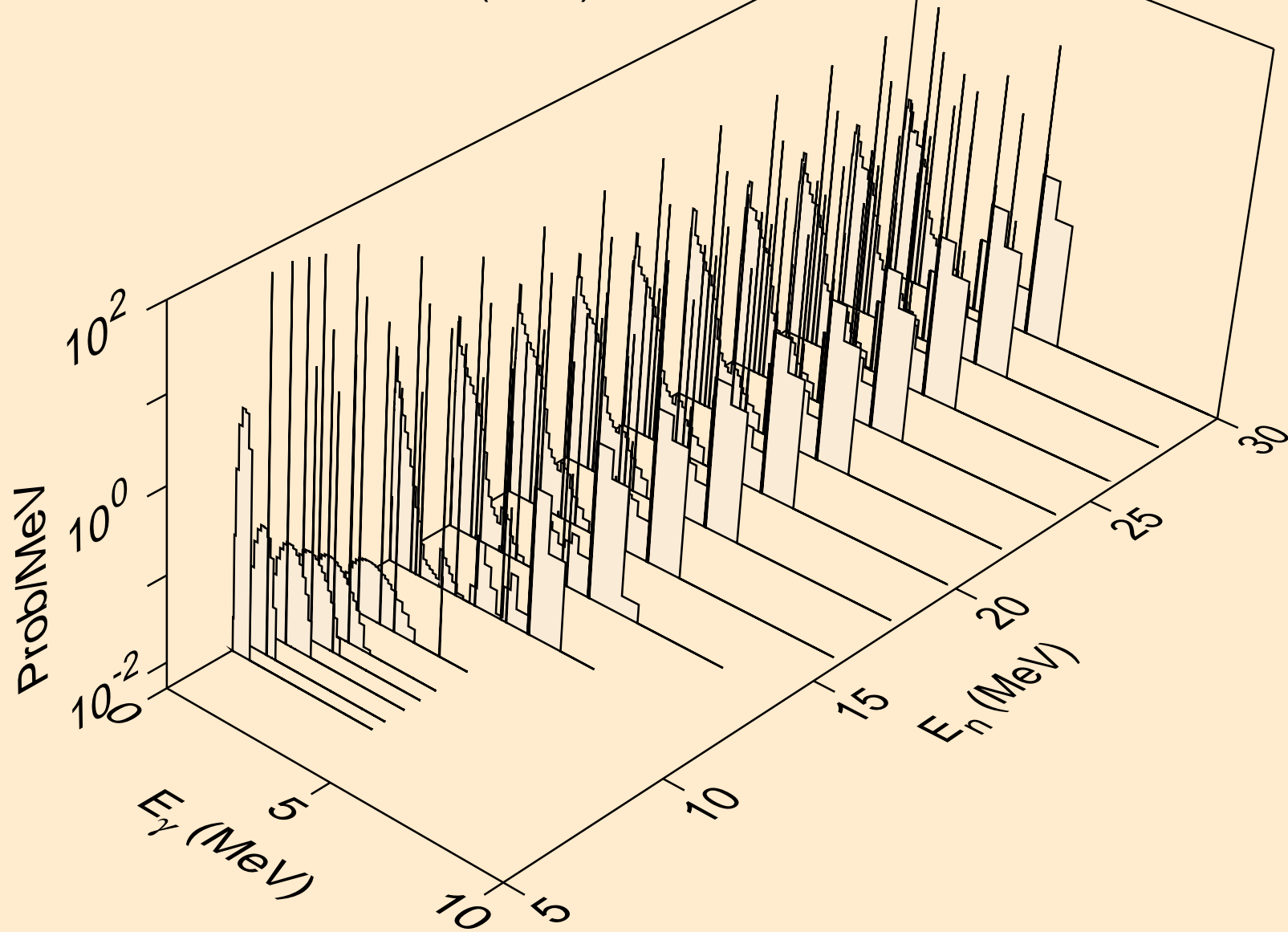
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



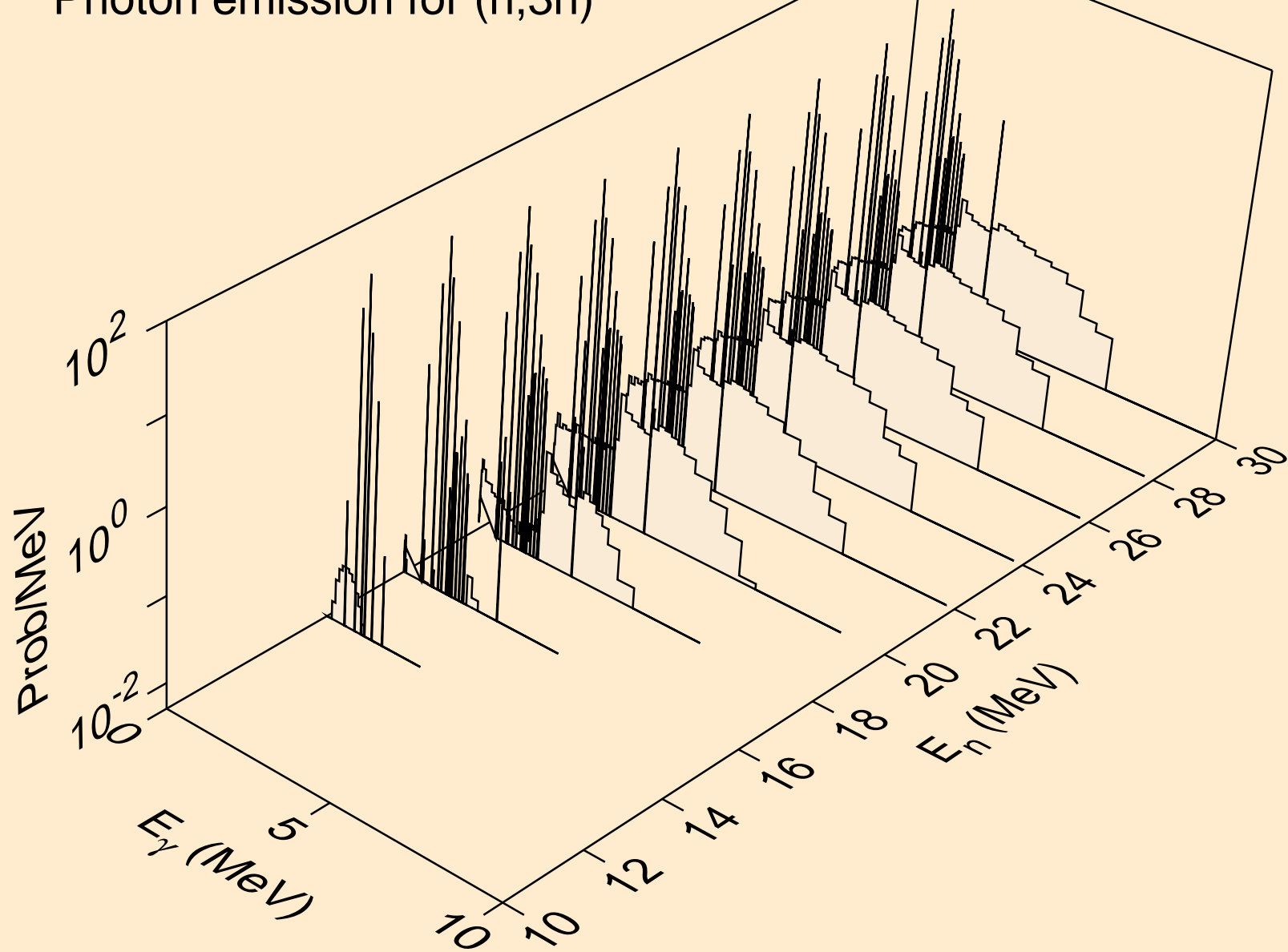
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



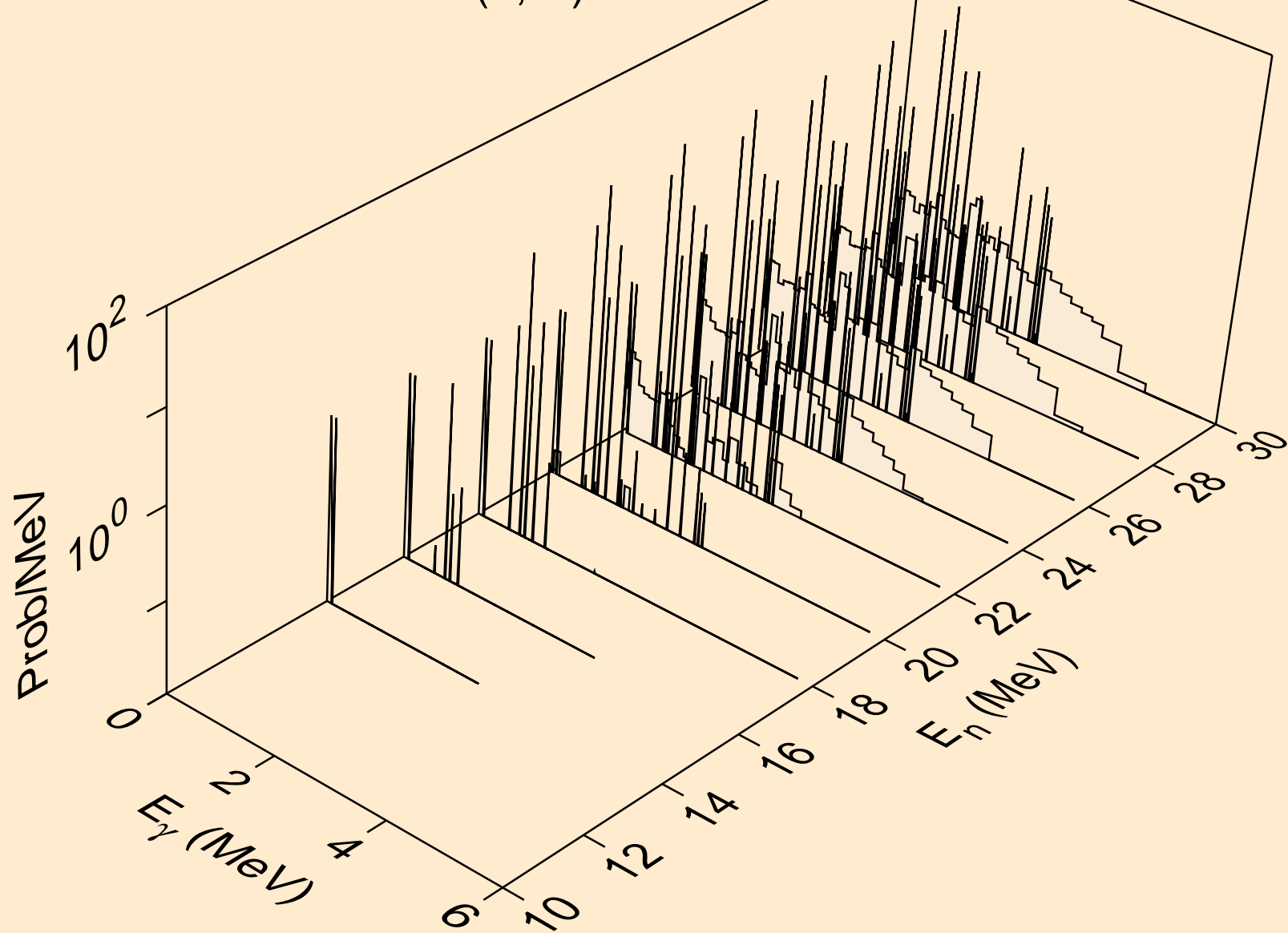
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



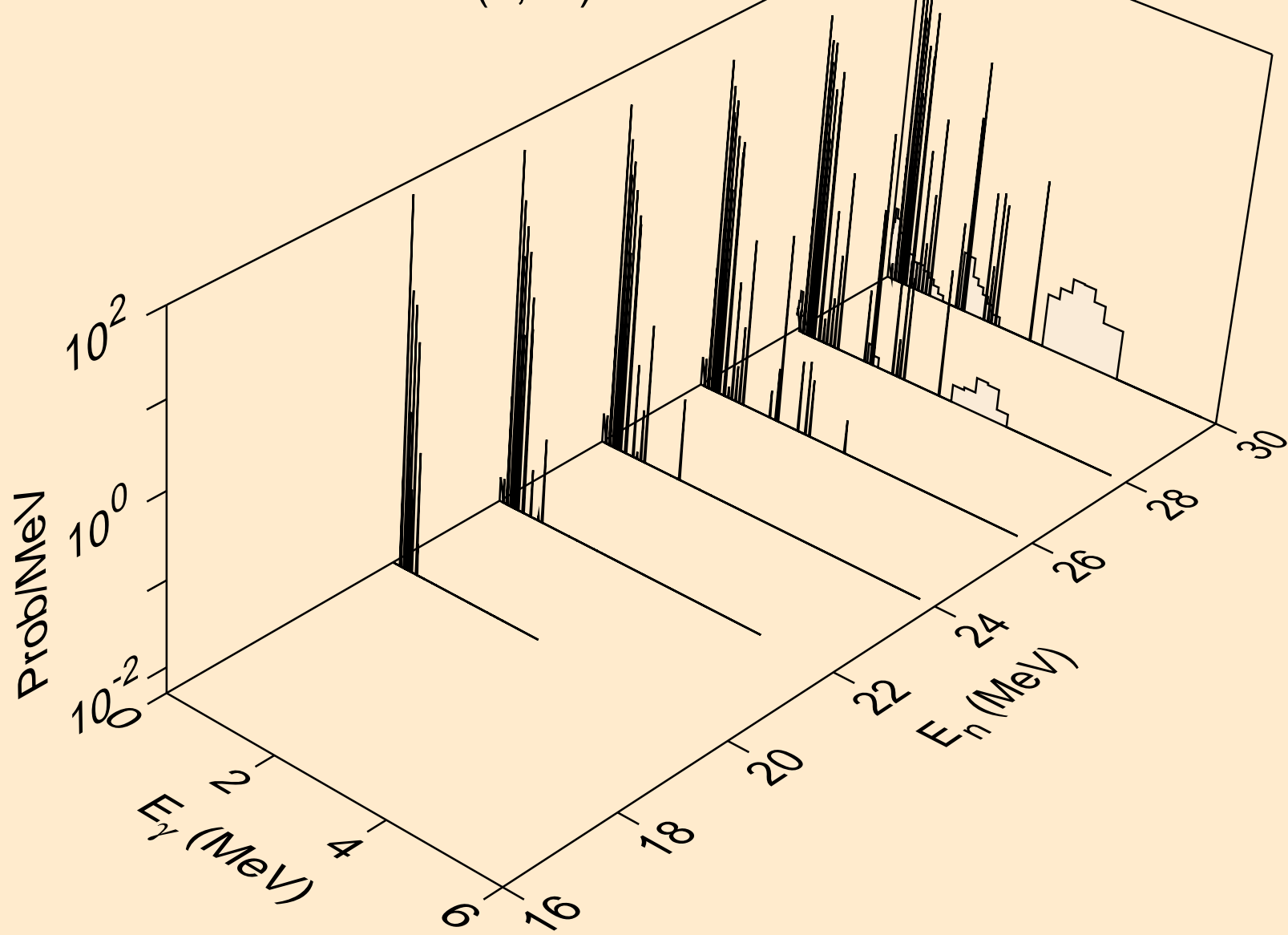
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



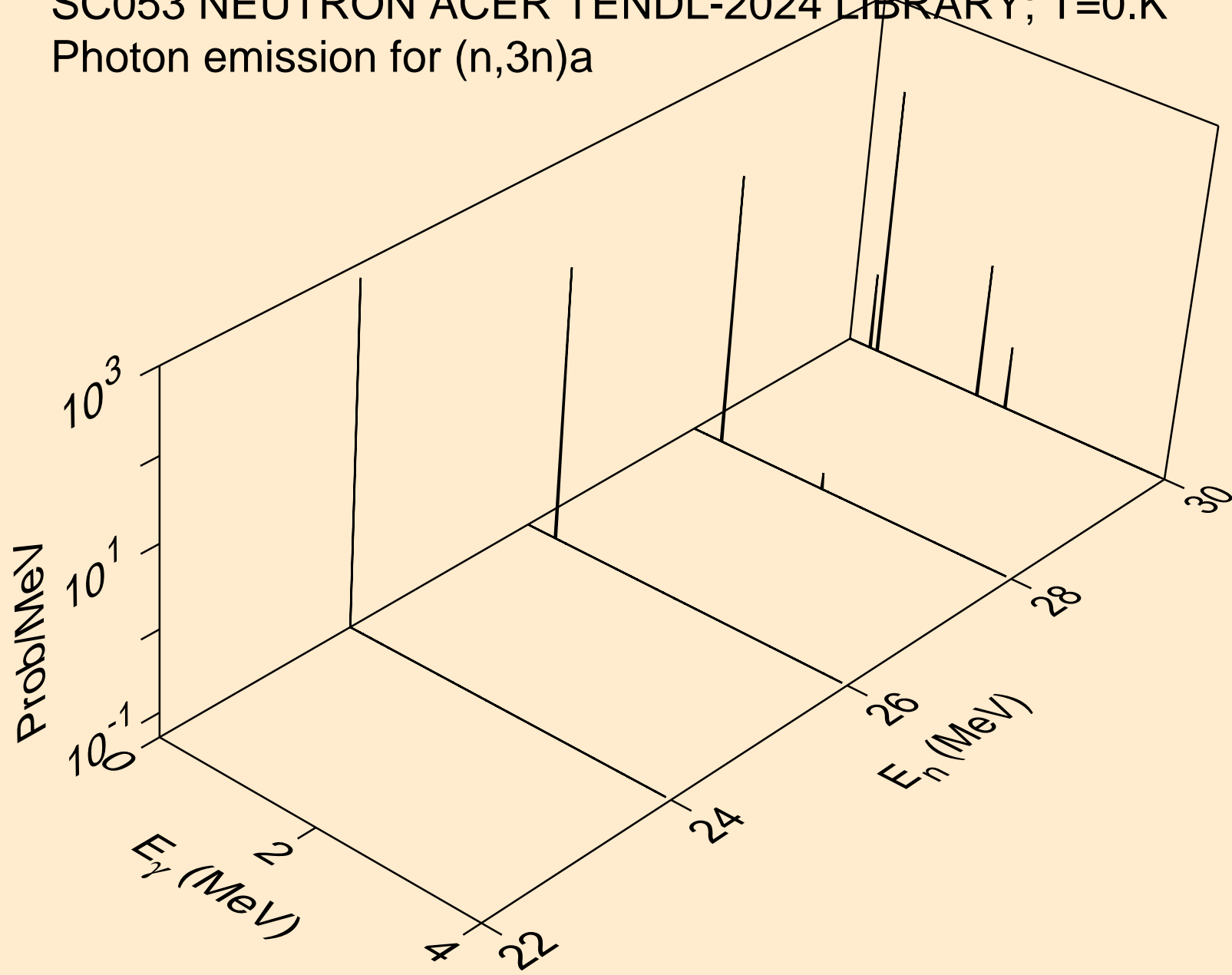
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

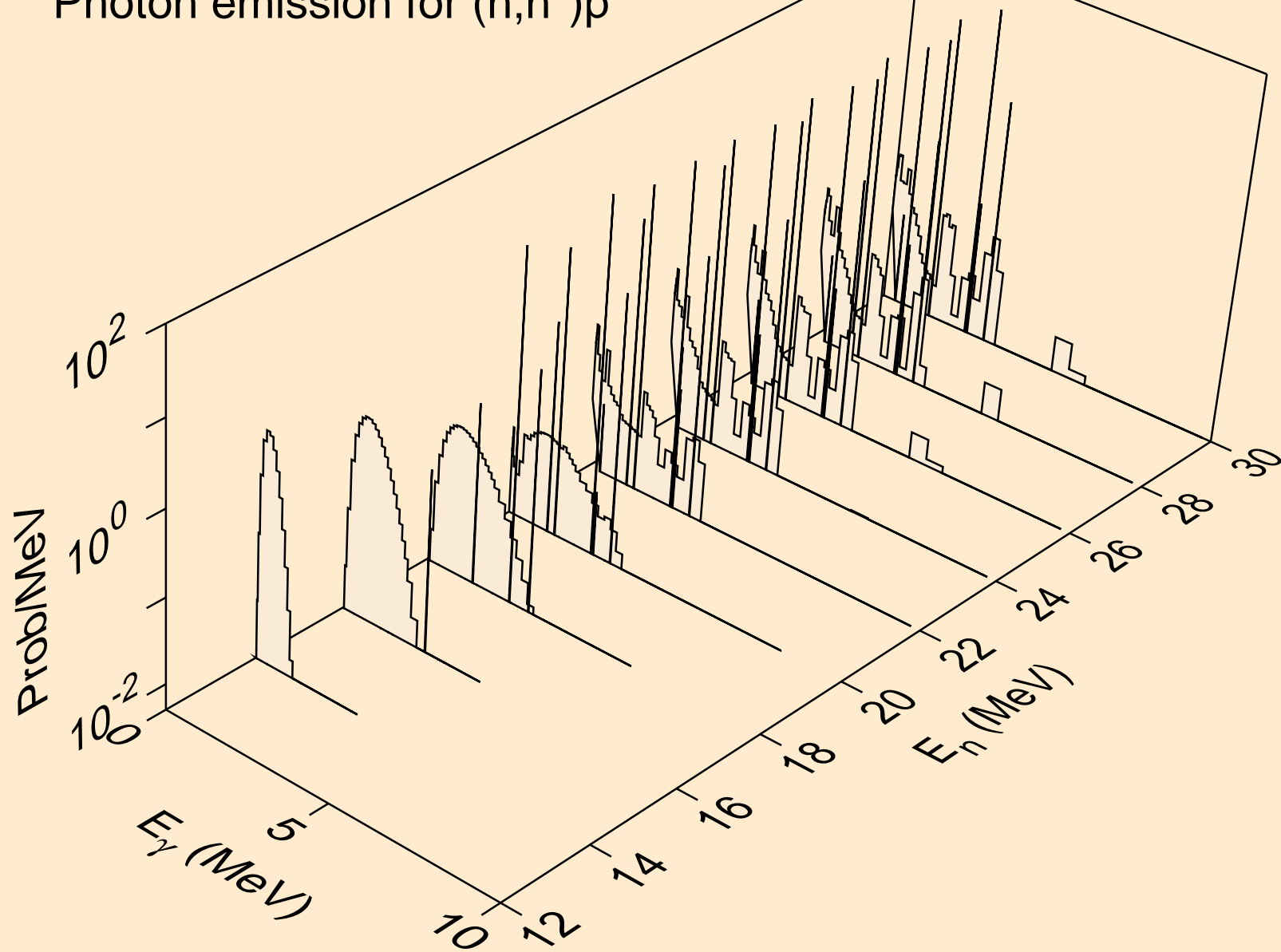


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

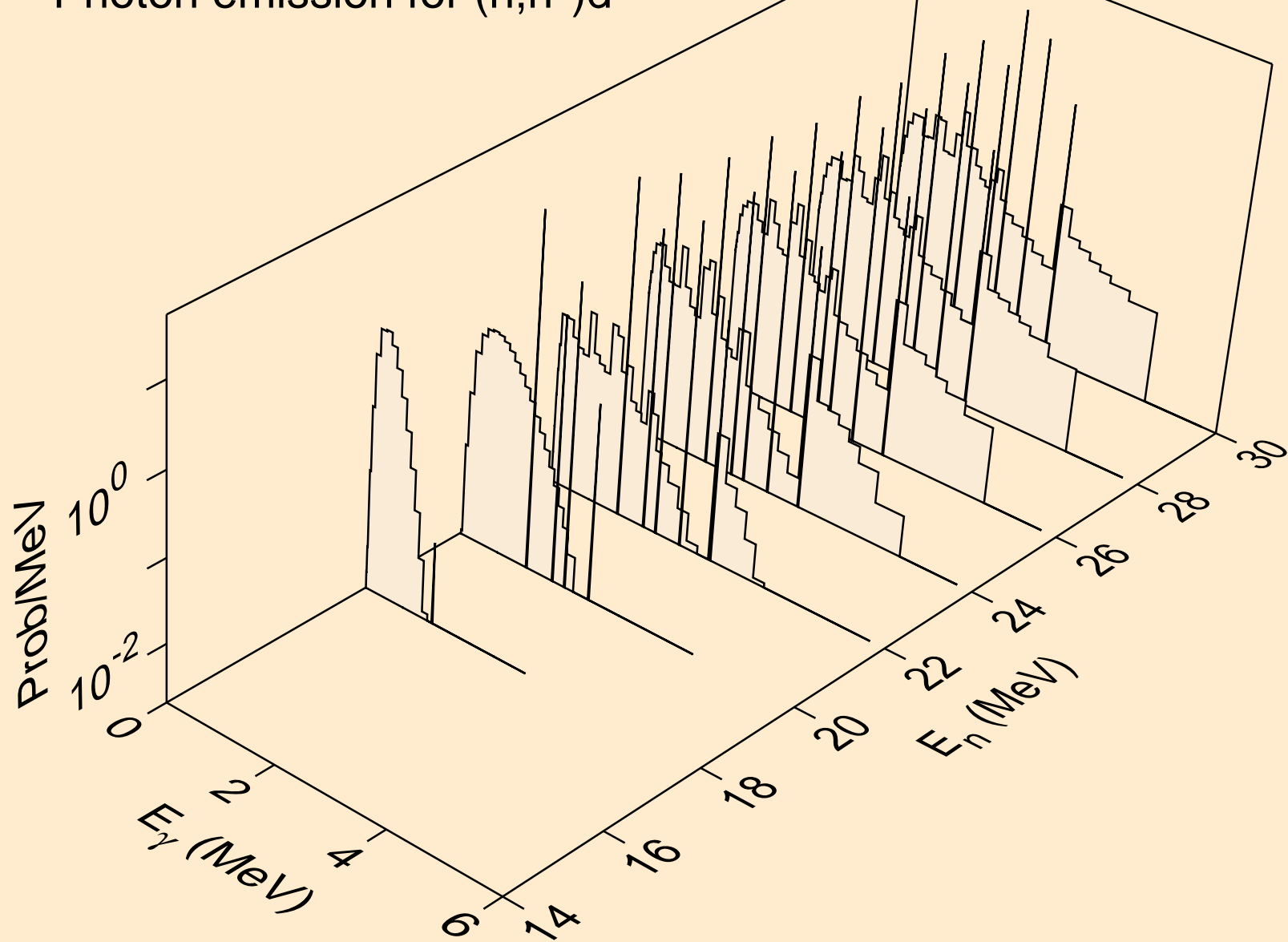




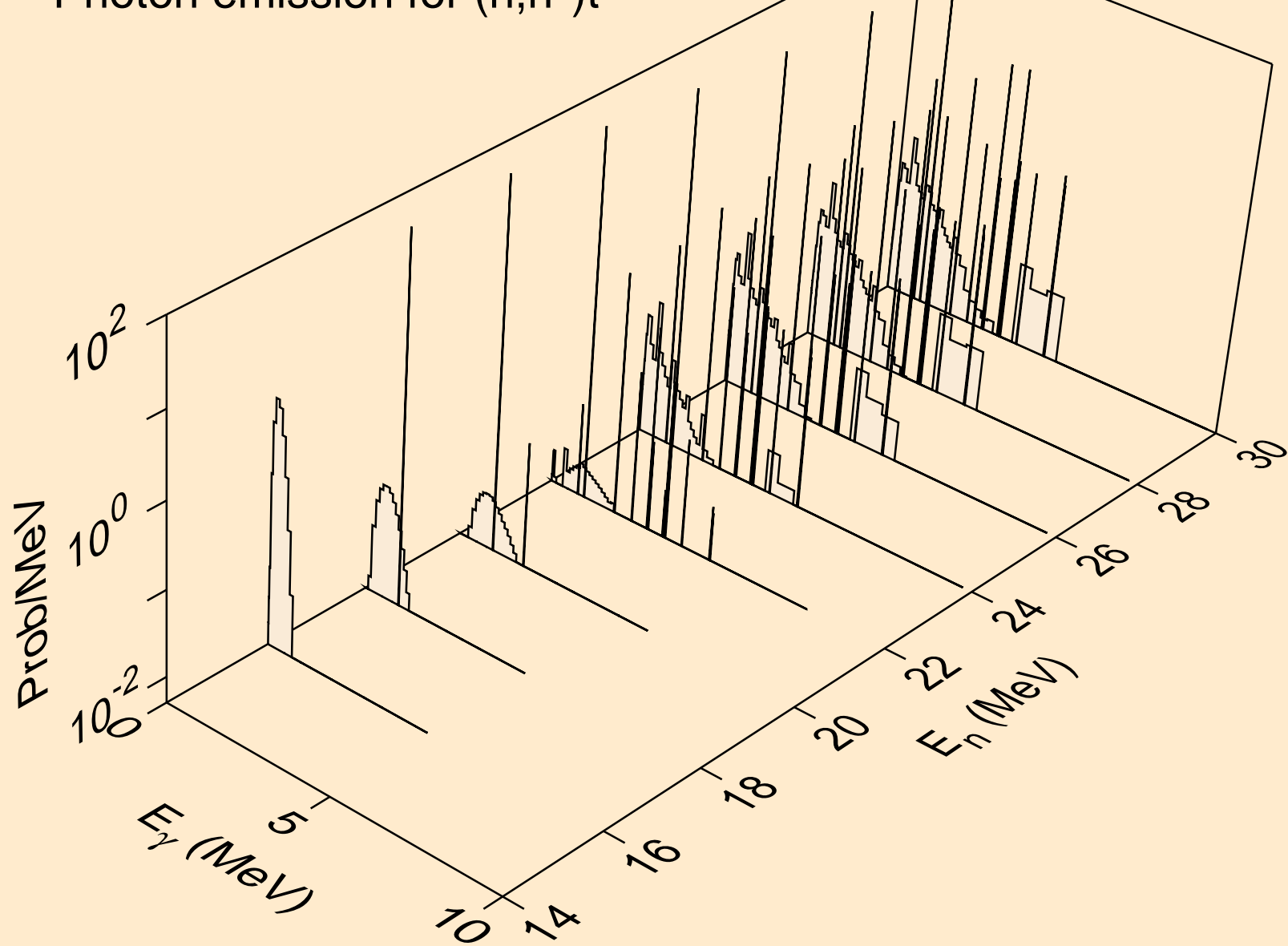
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



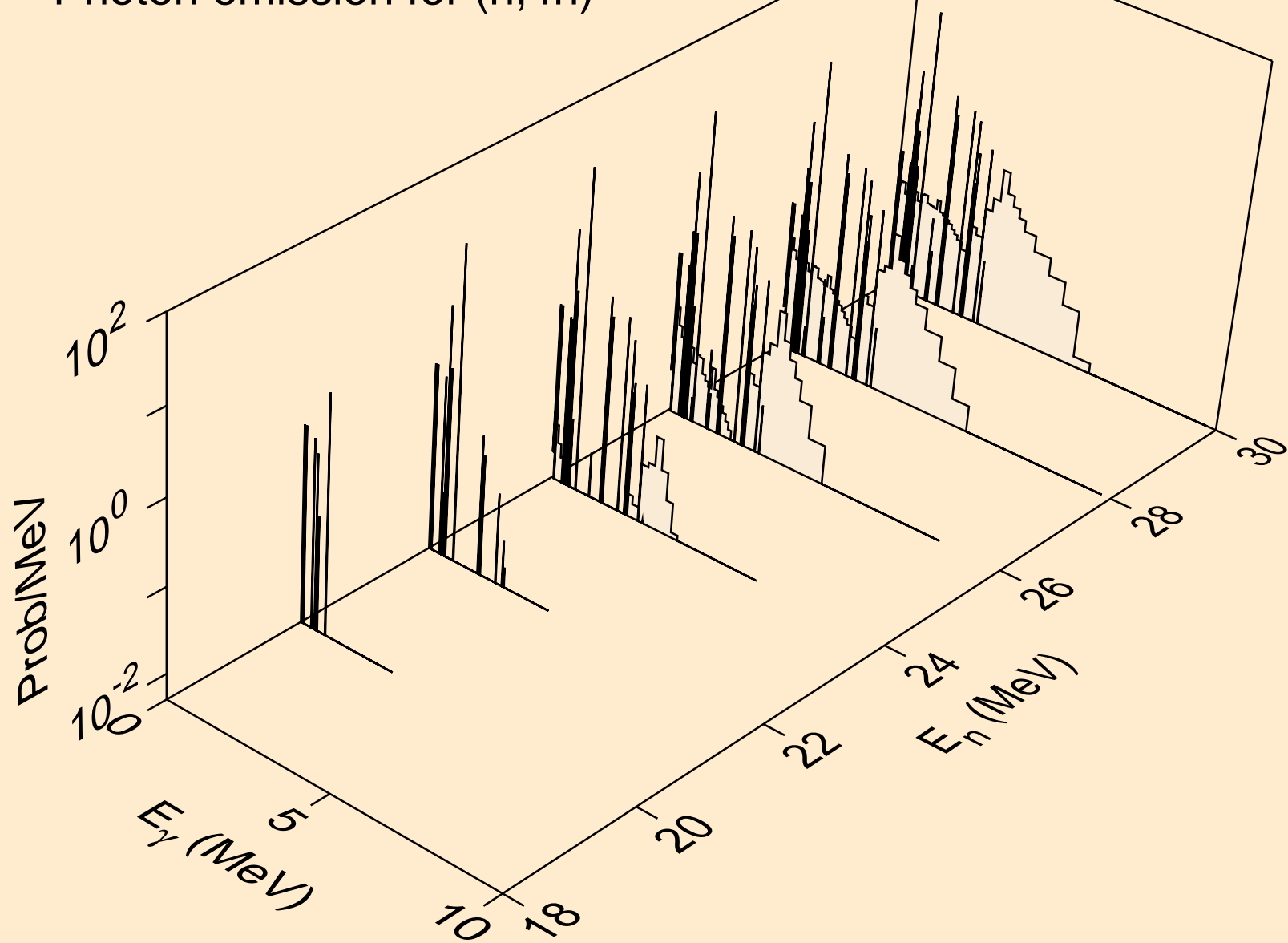
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



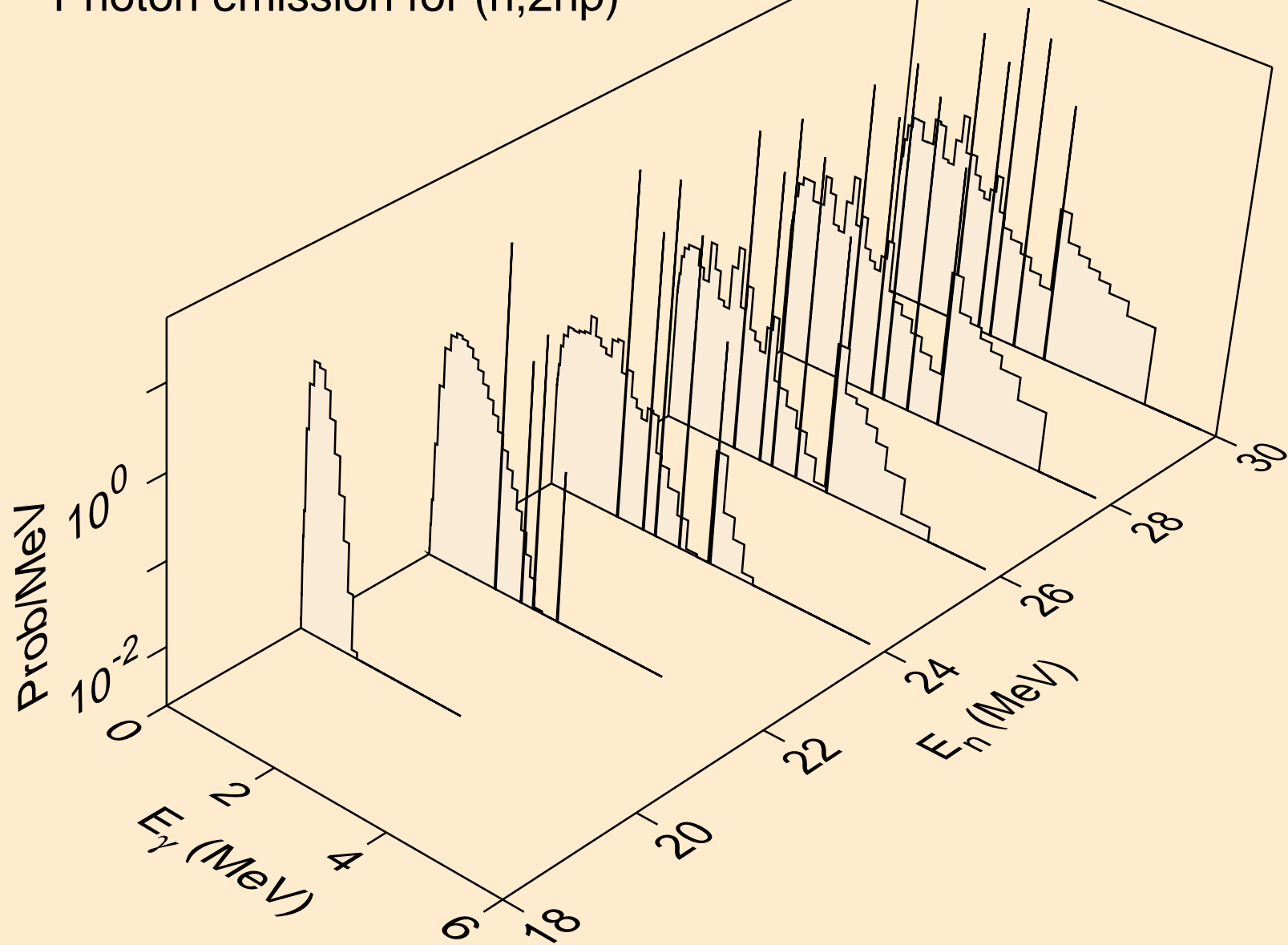
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



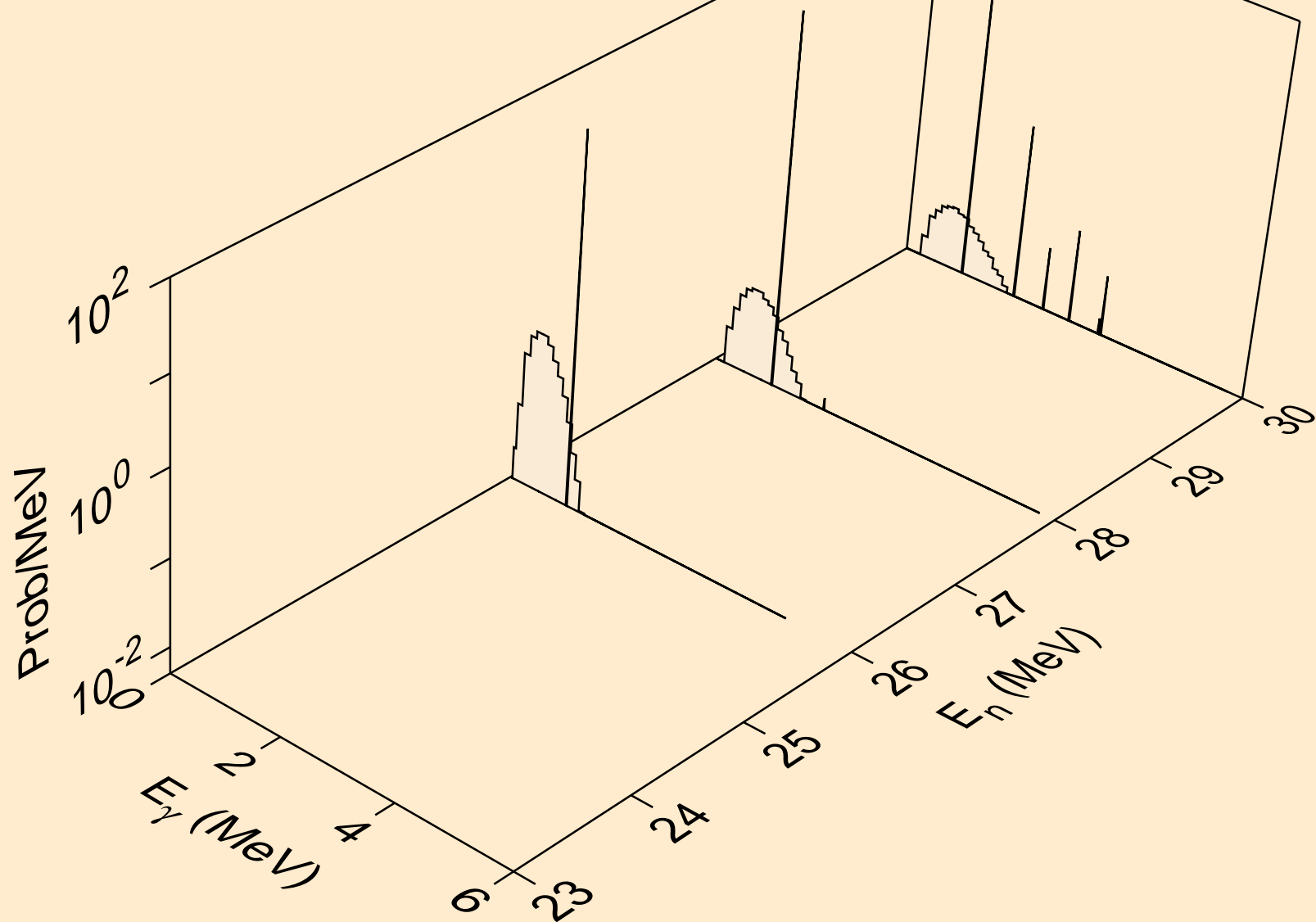
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



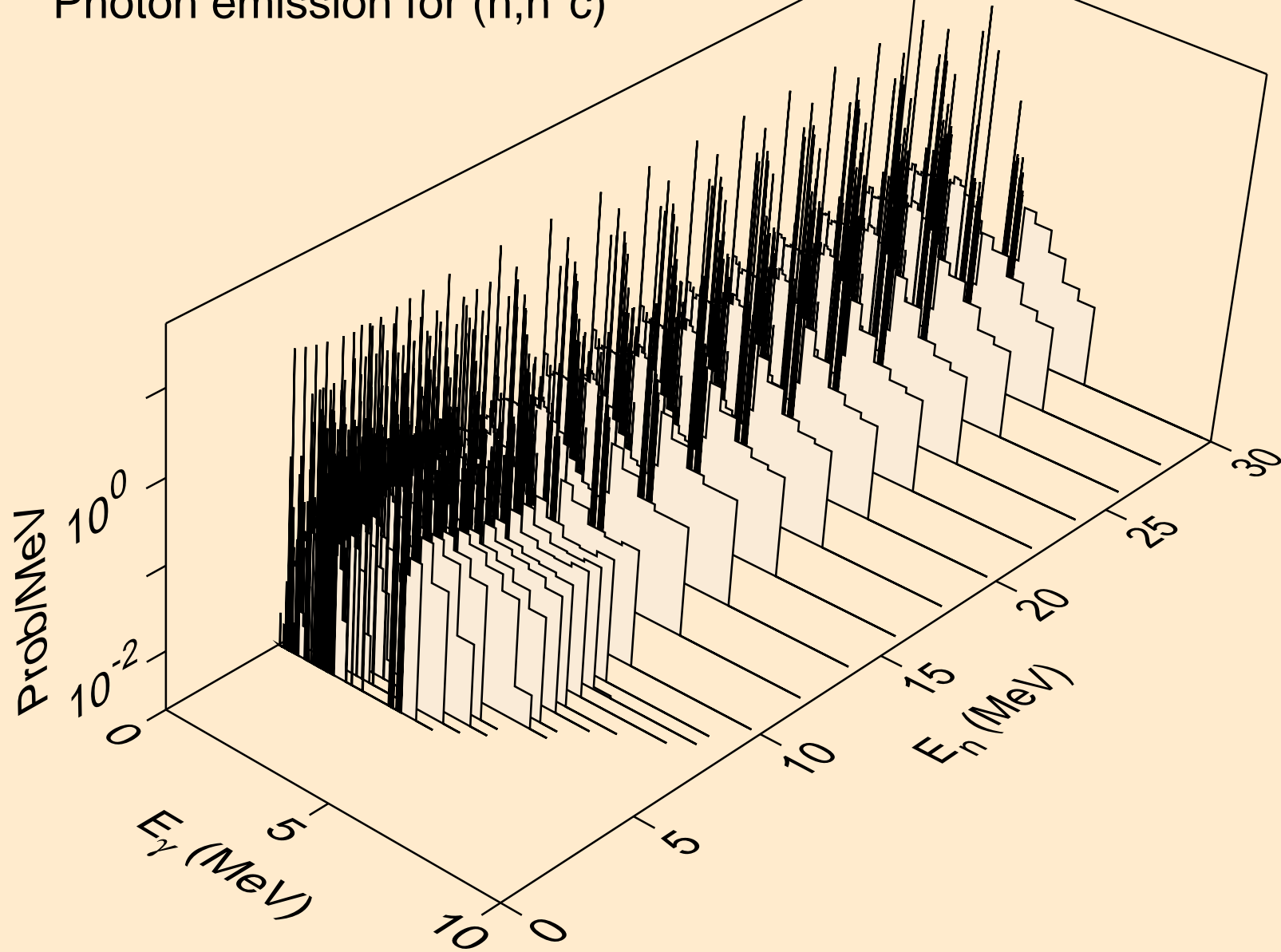
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Photon emission for (n,2np)



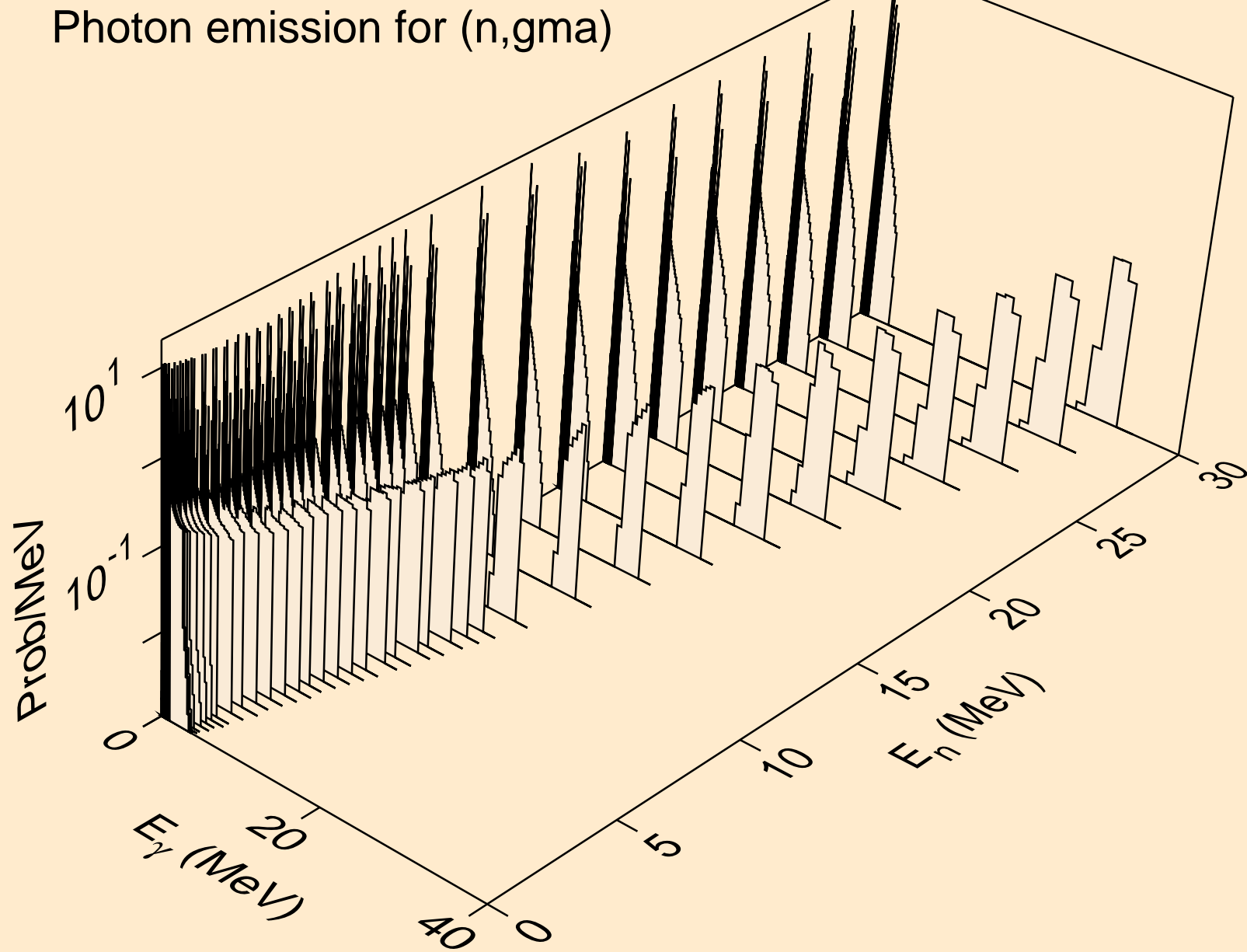
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

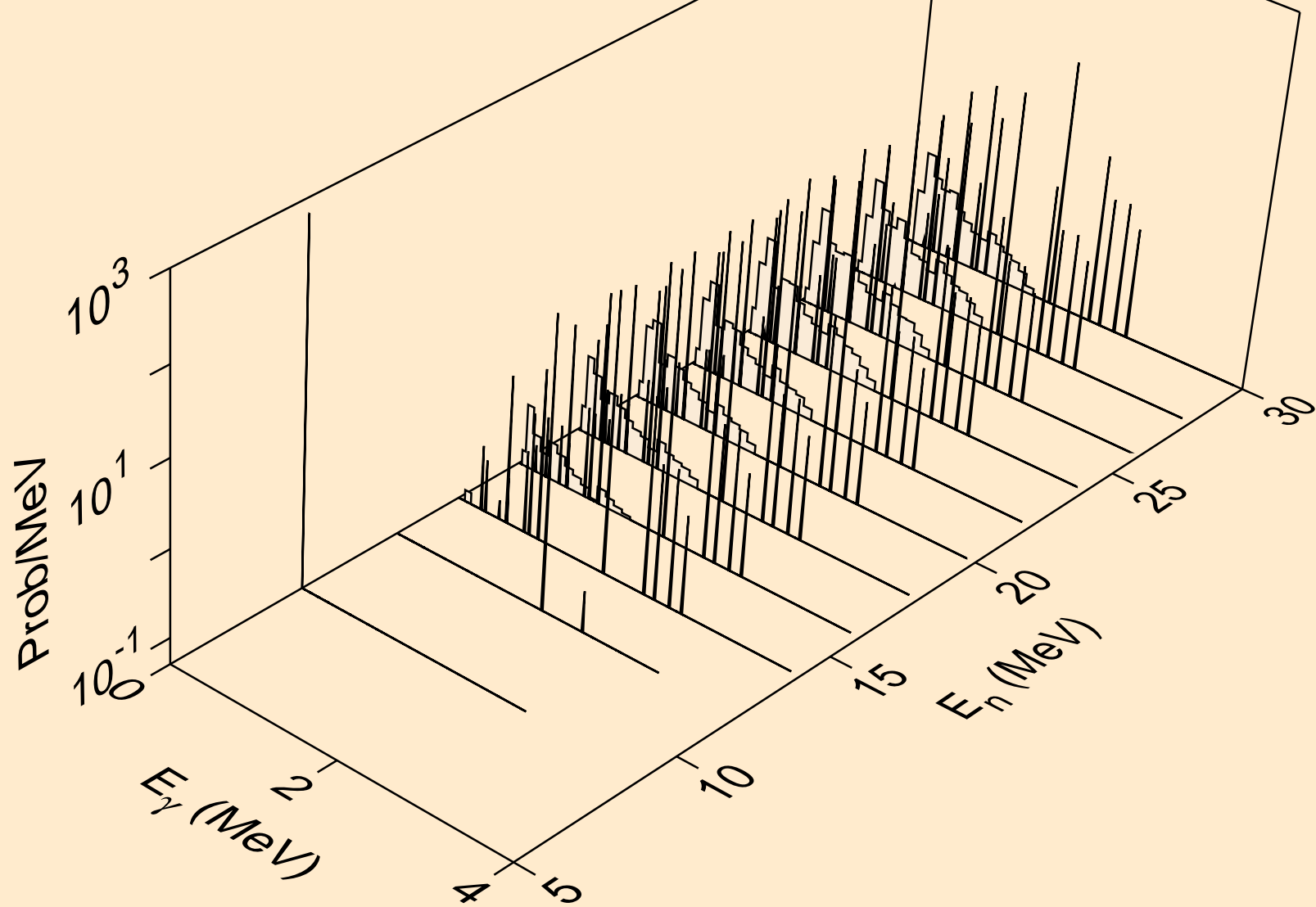


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

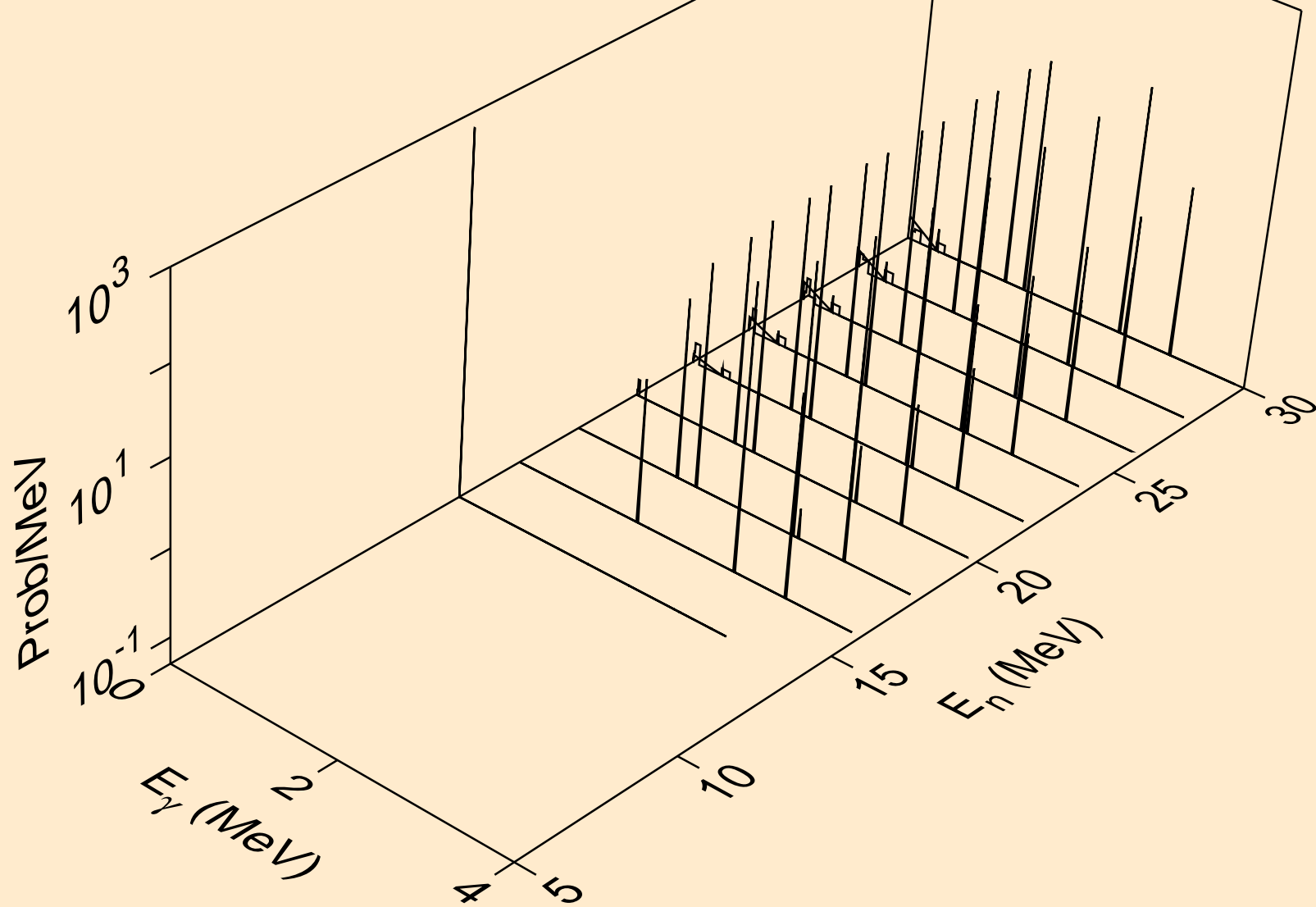




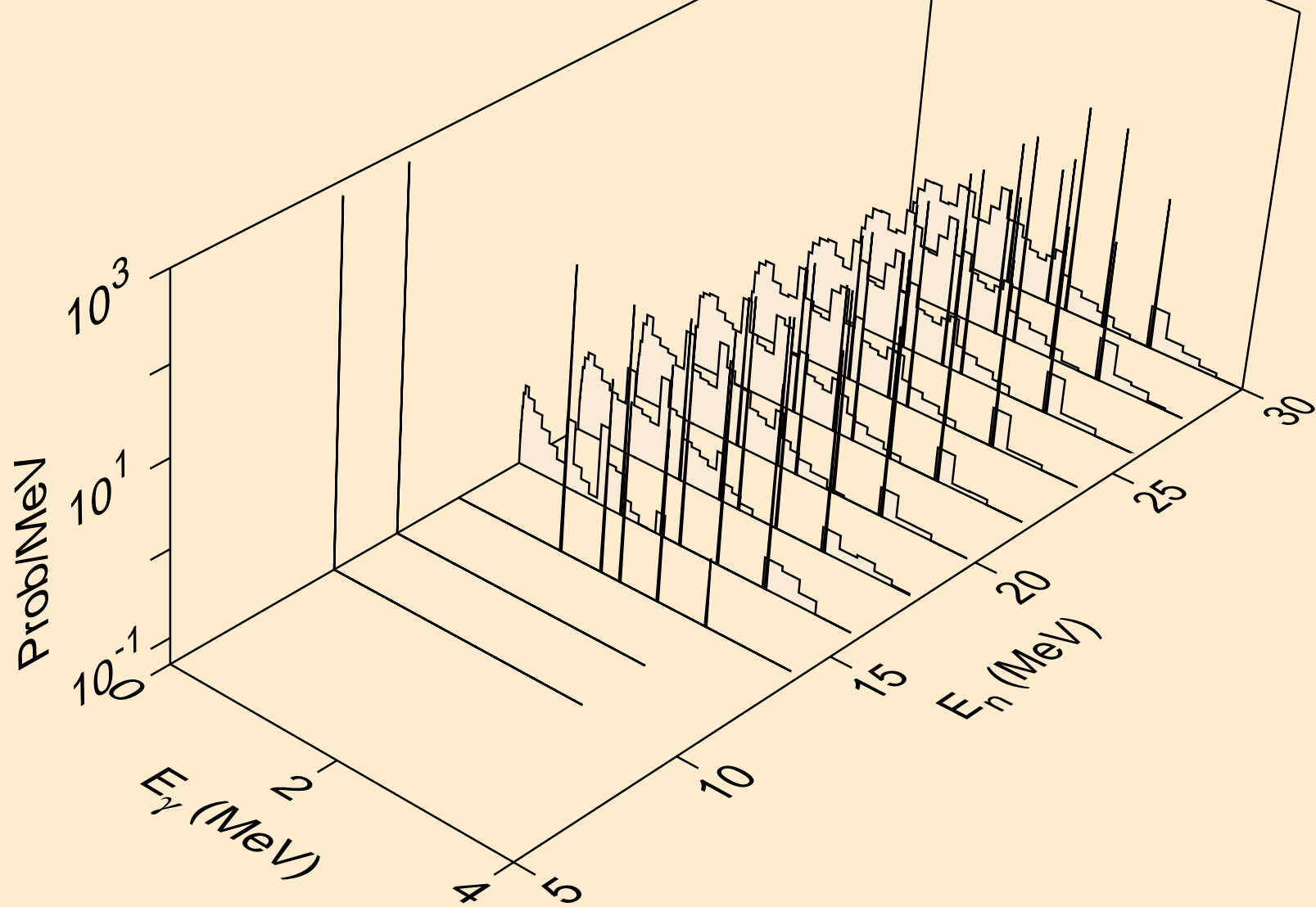
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



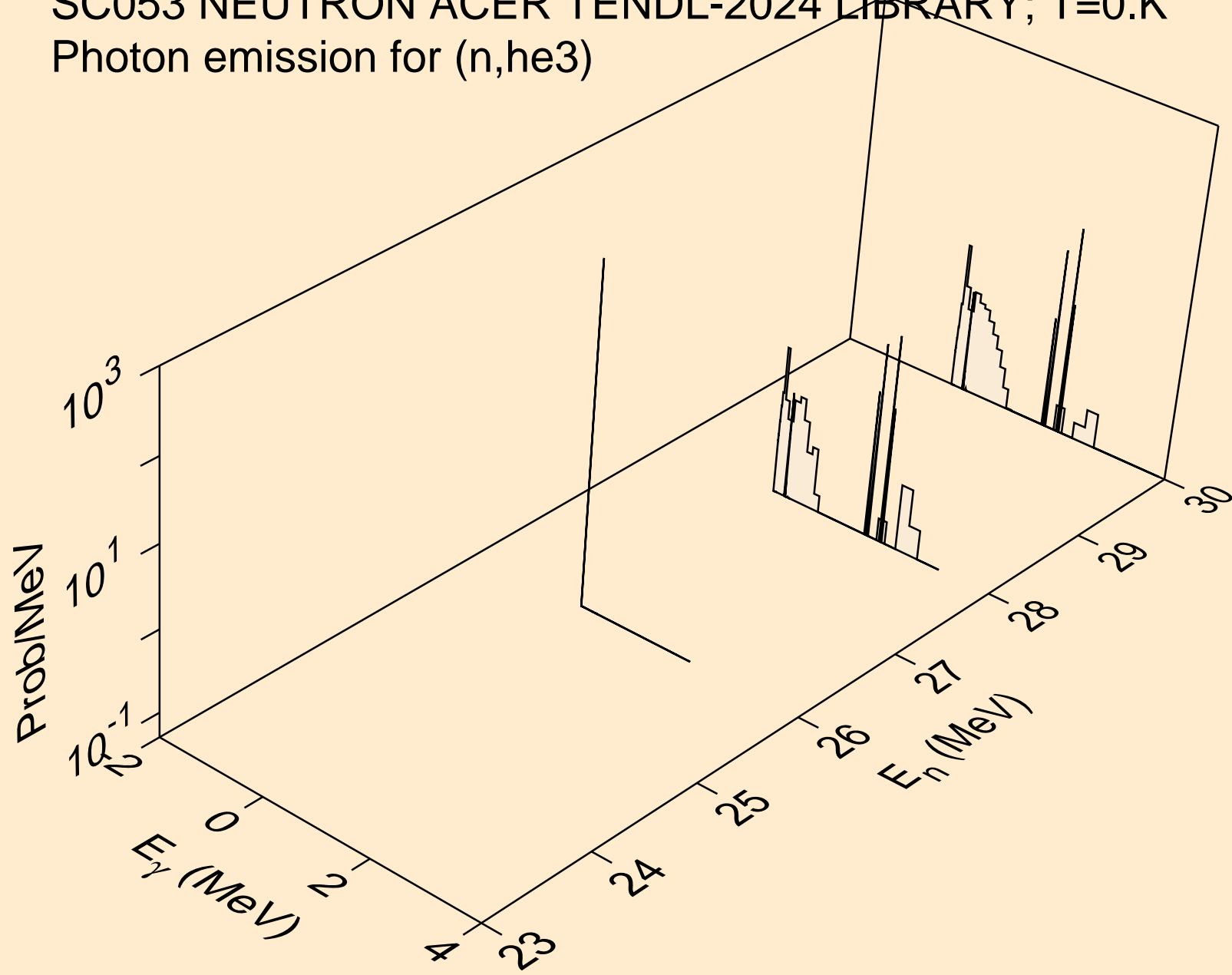
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



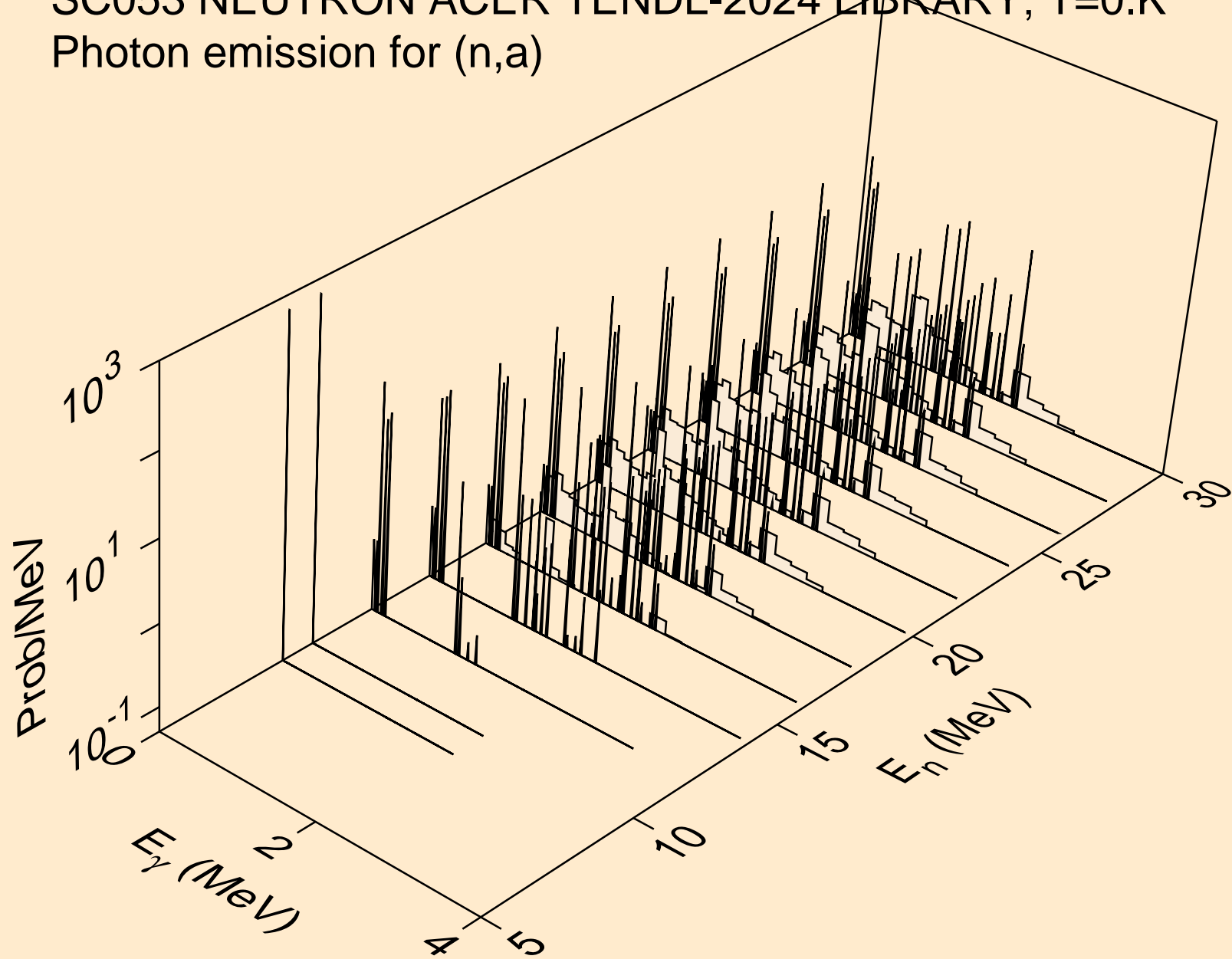
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



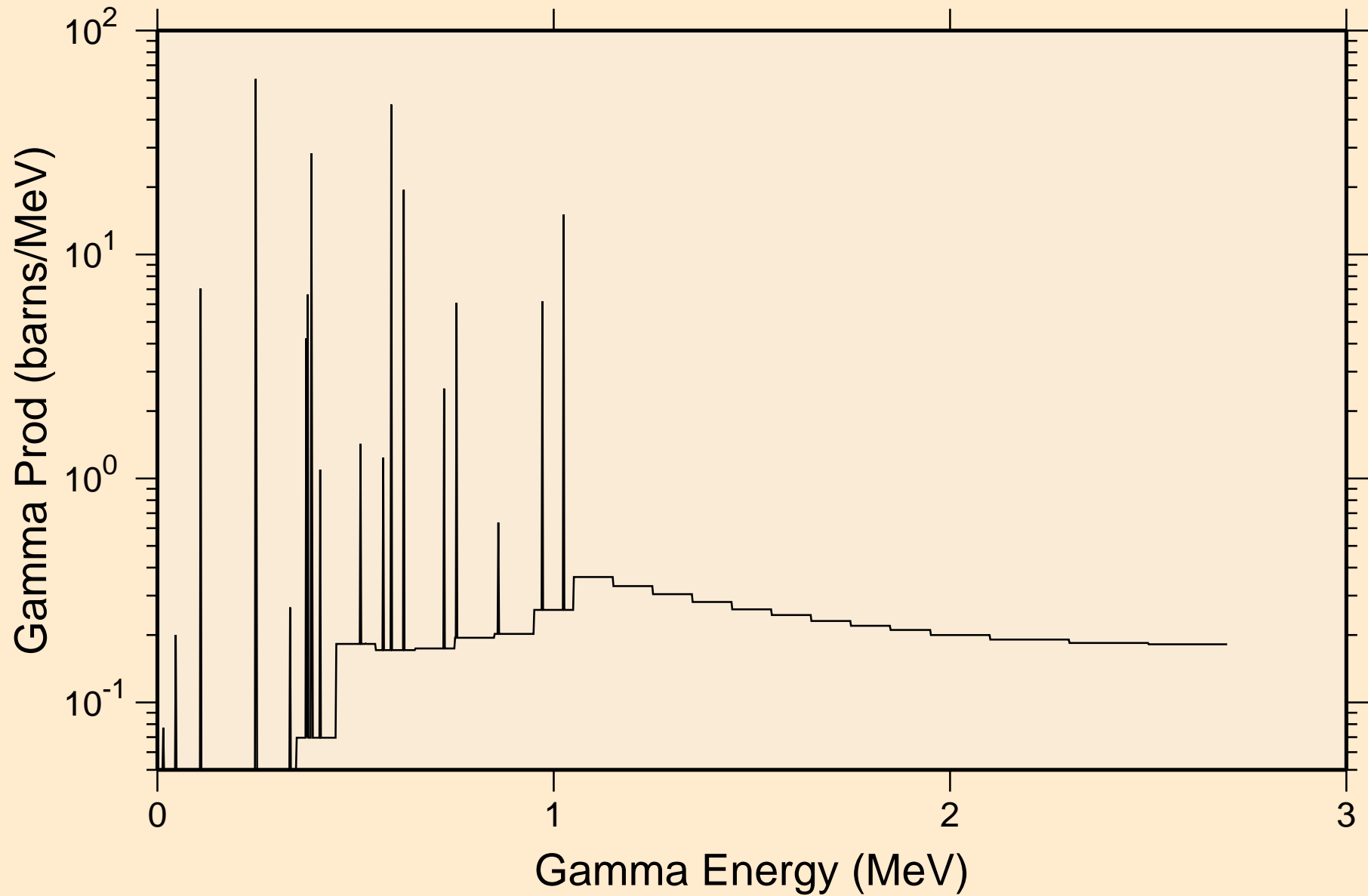
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



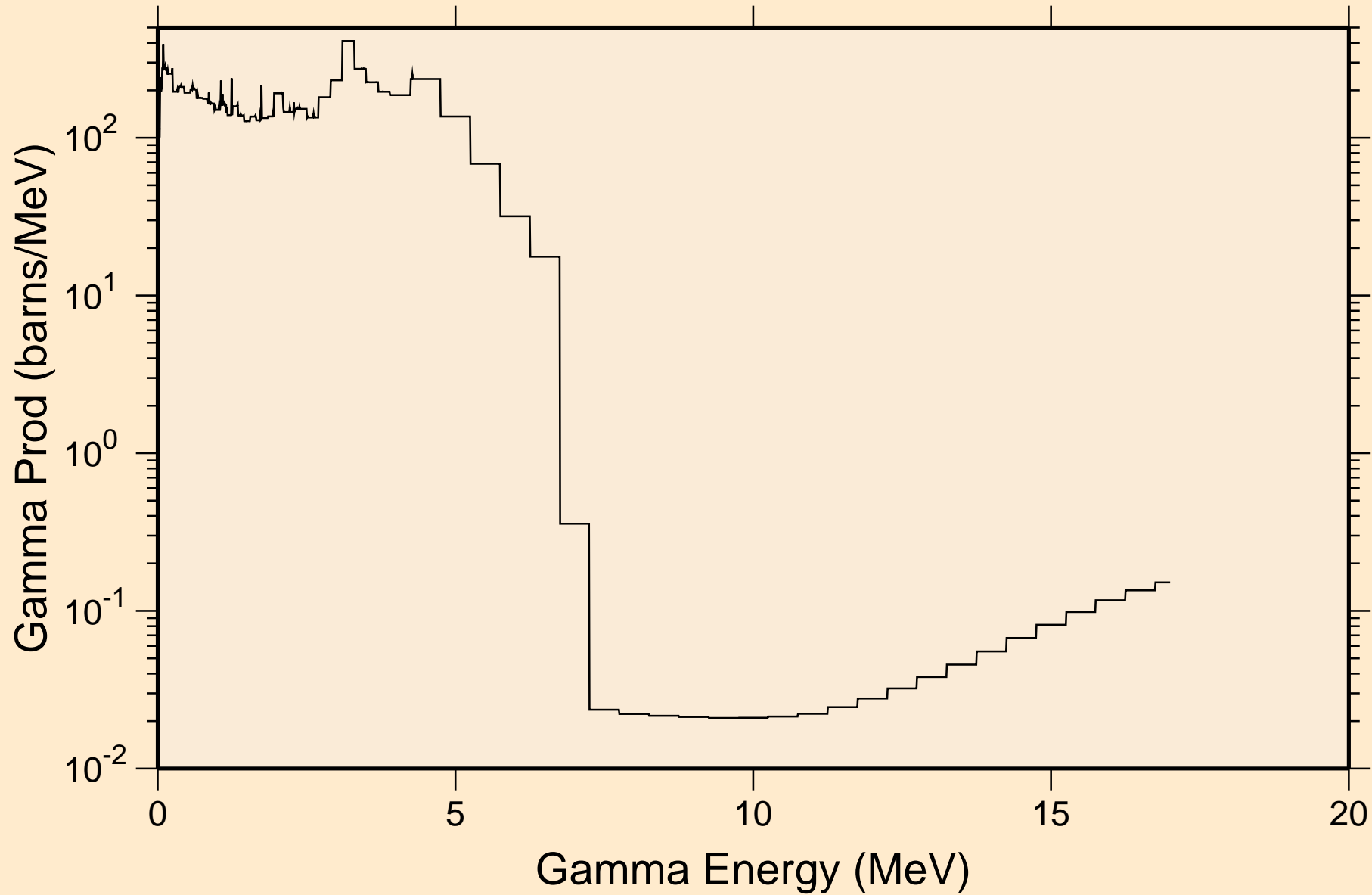
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

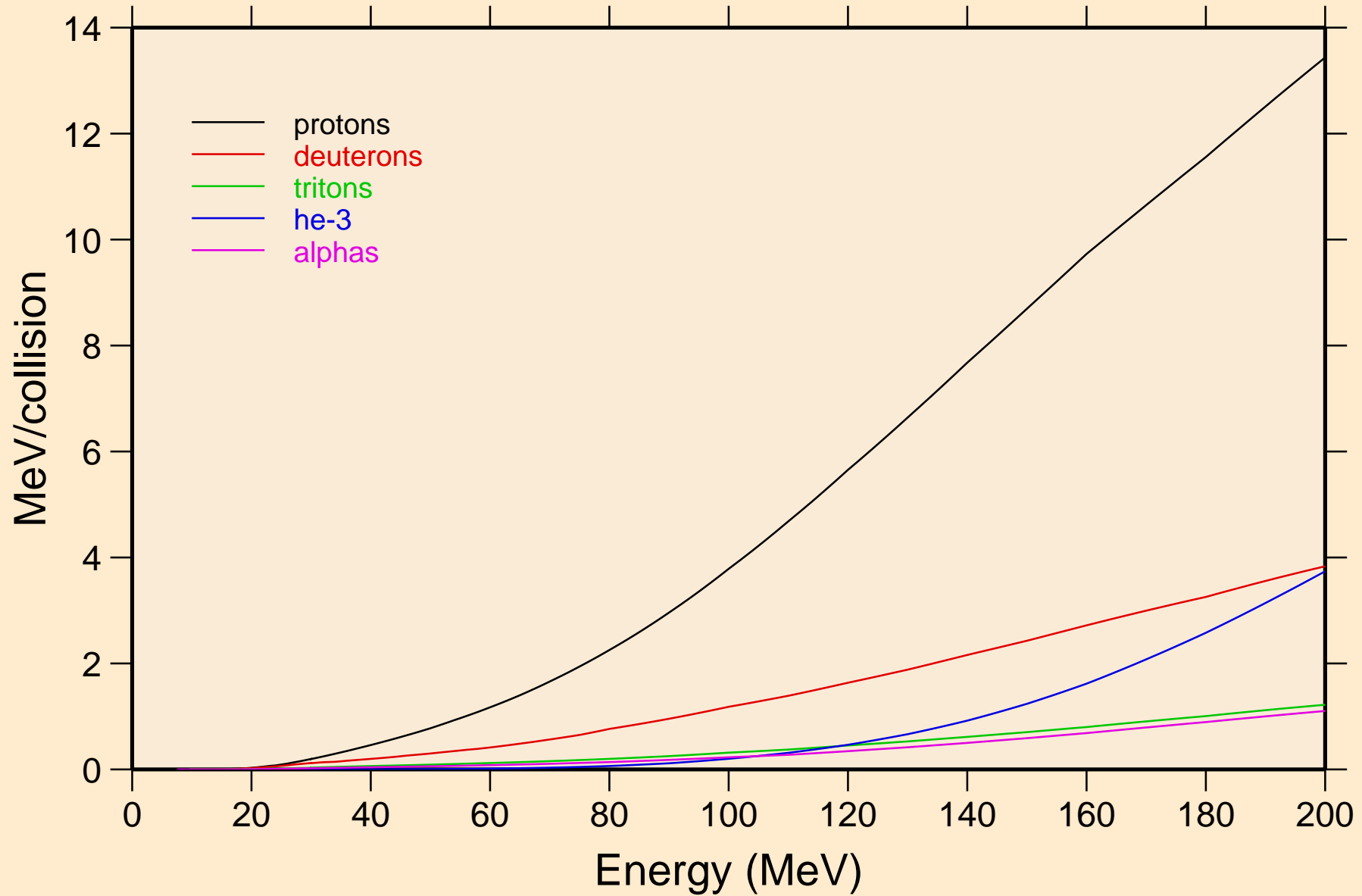


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



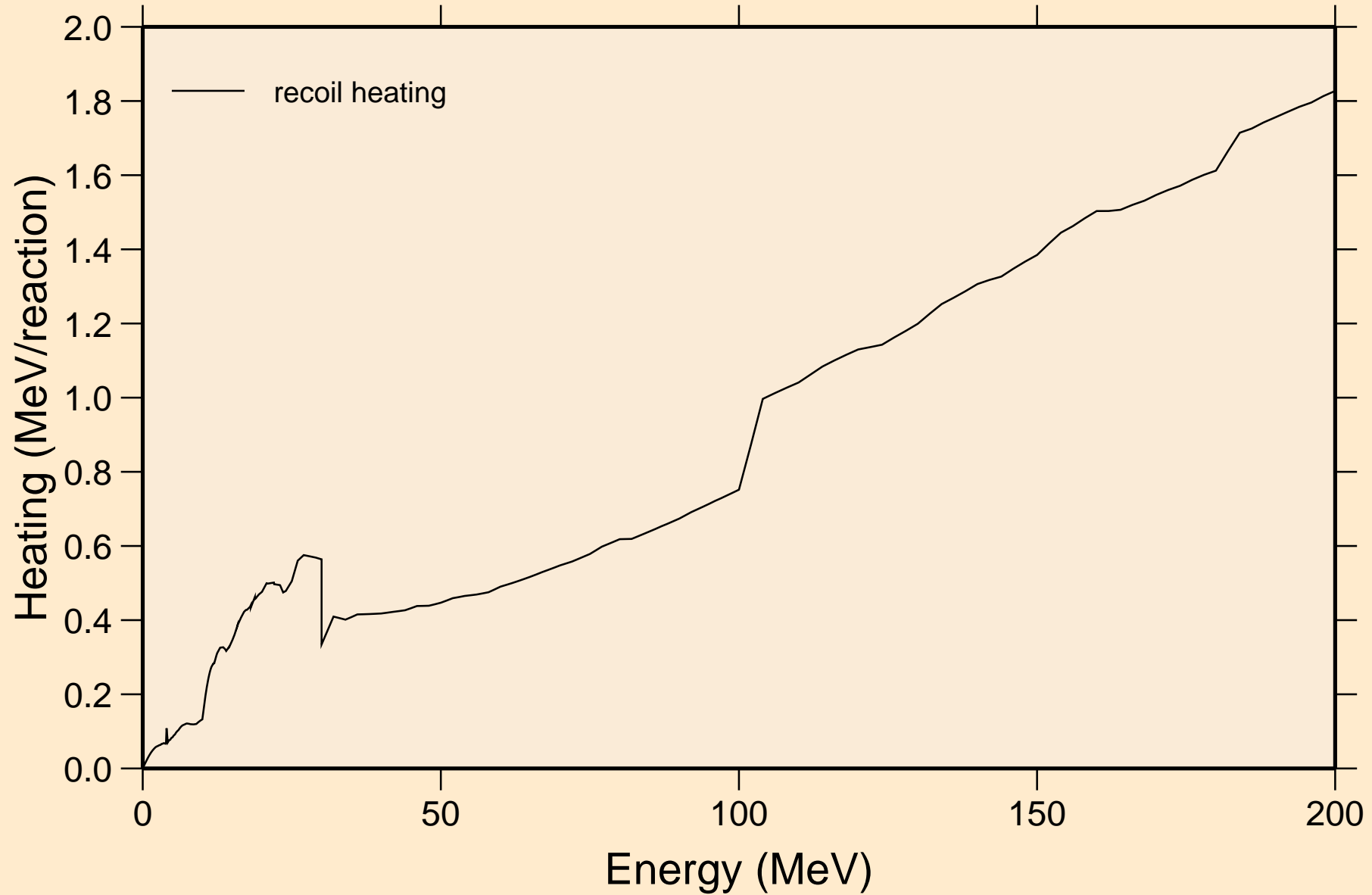
# SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

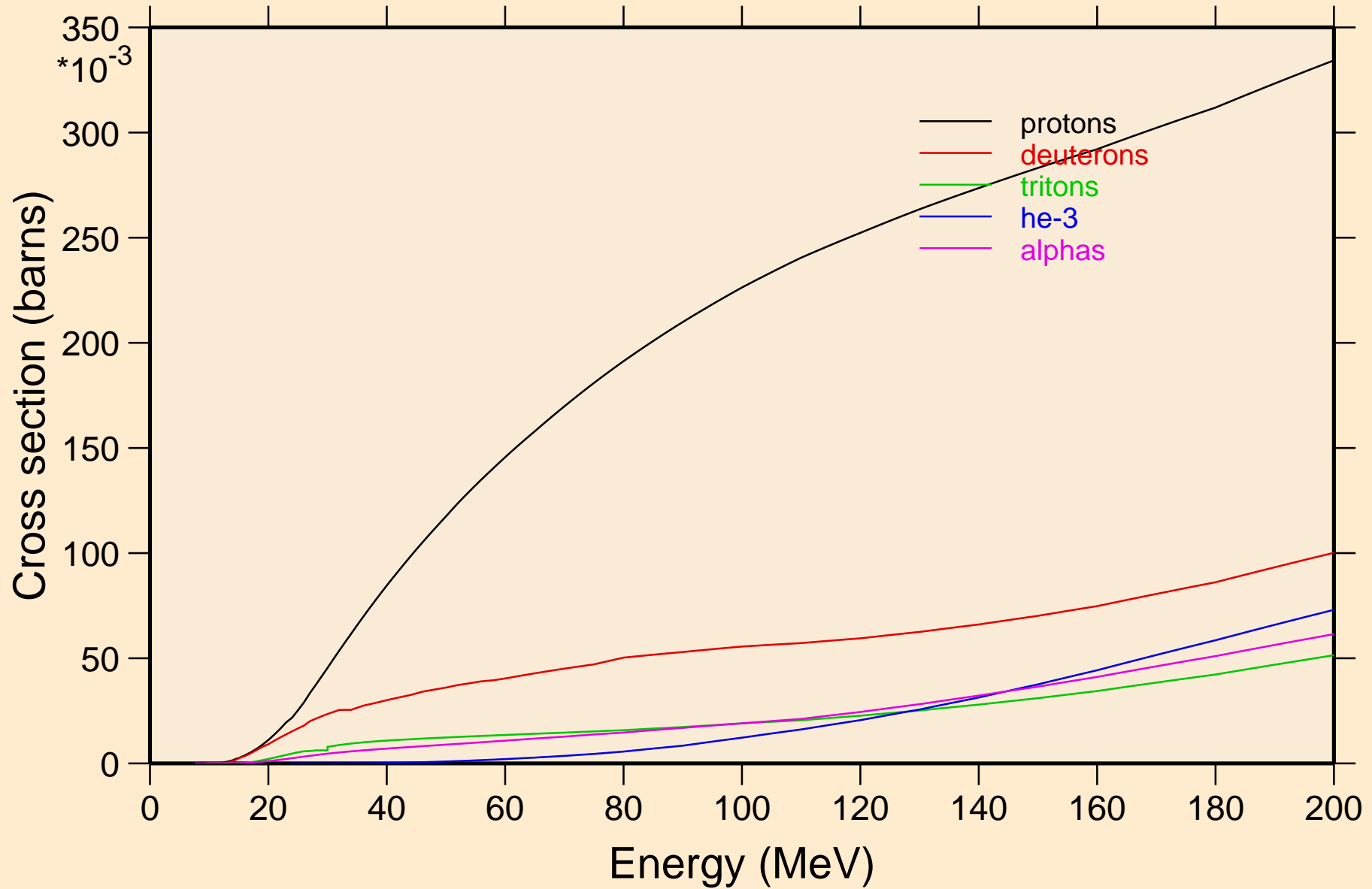




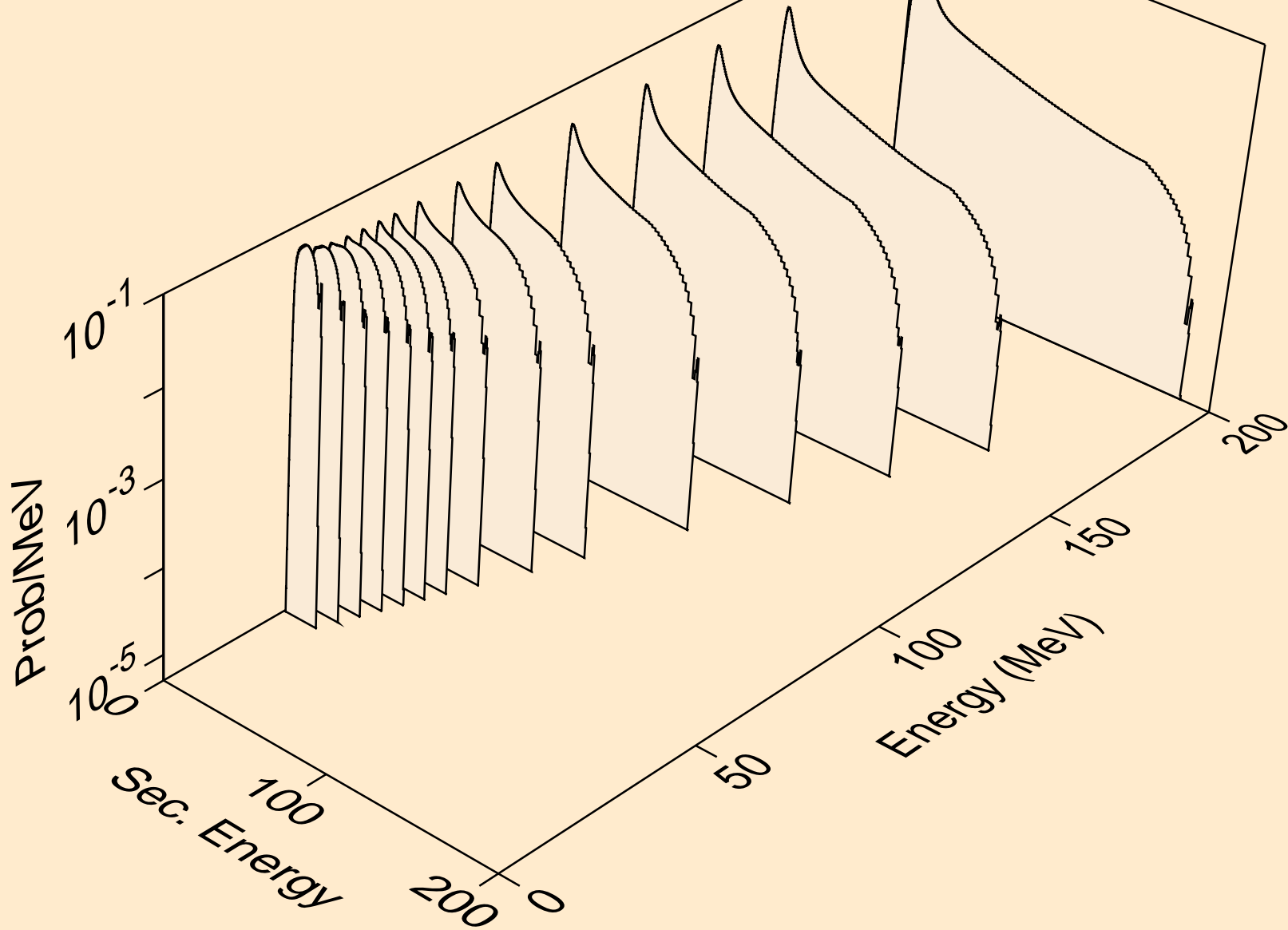
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



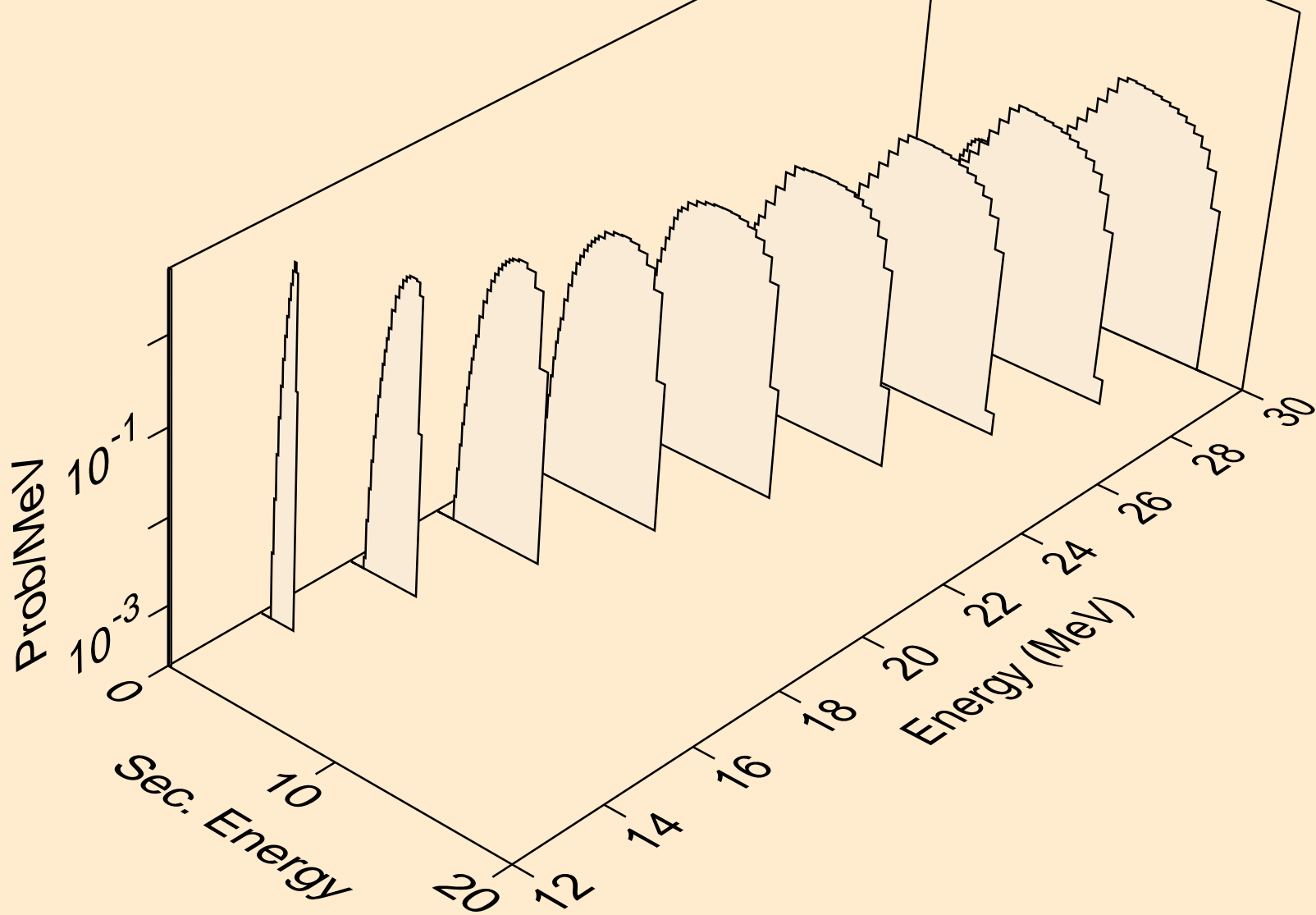
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



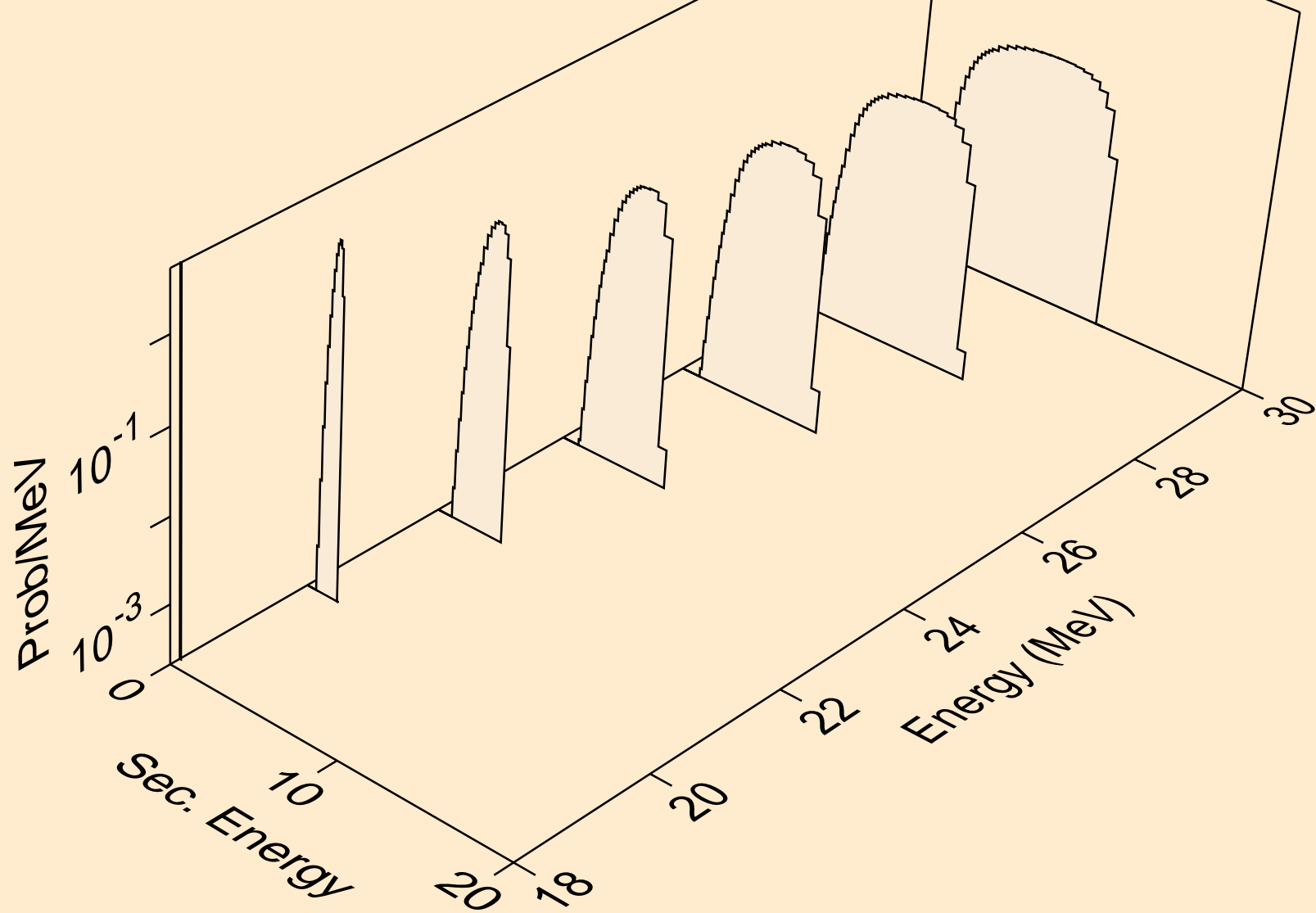
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



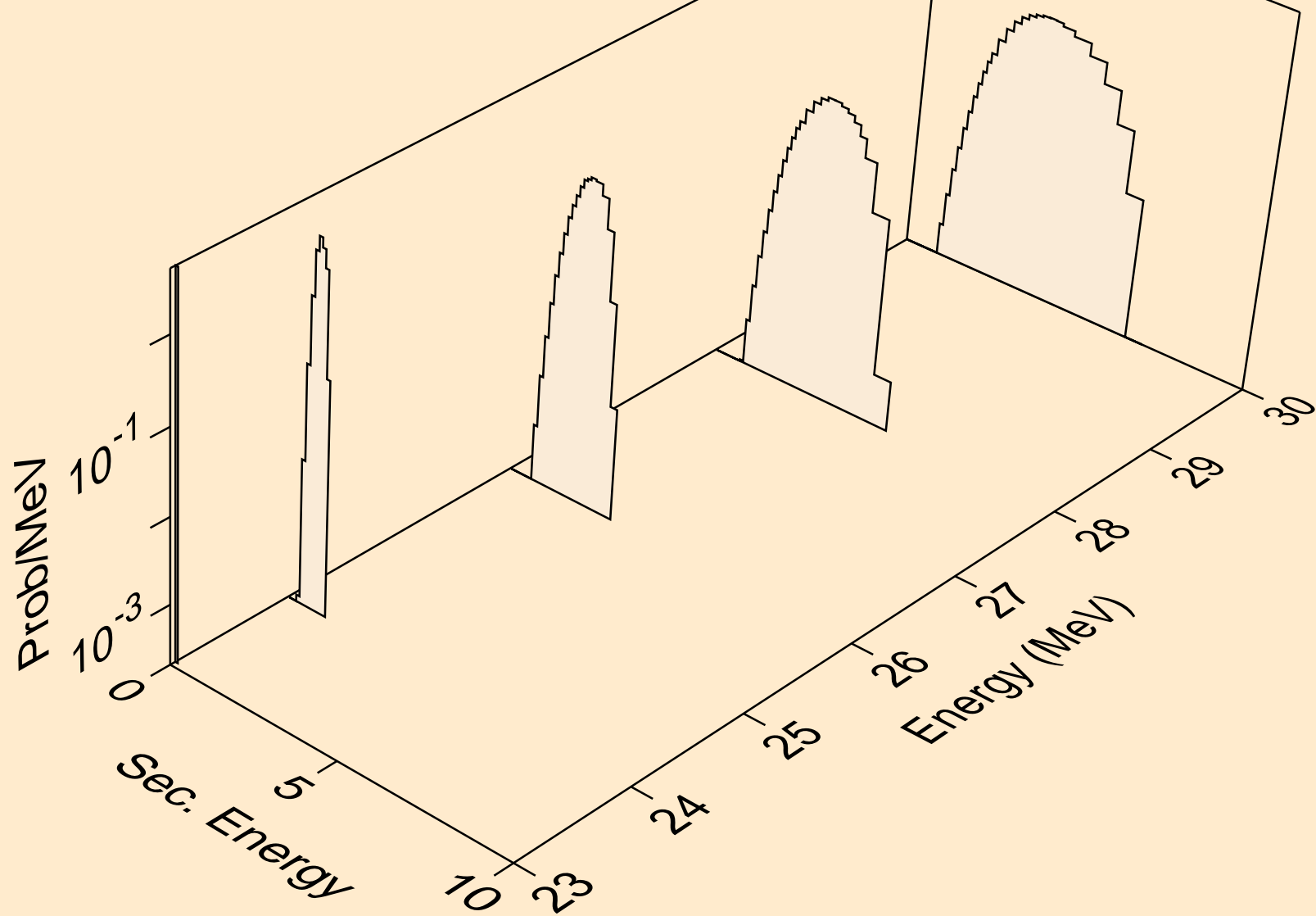
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



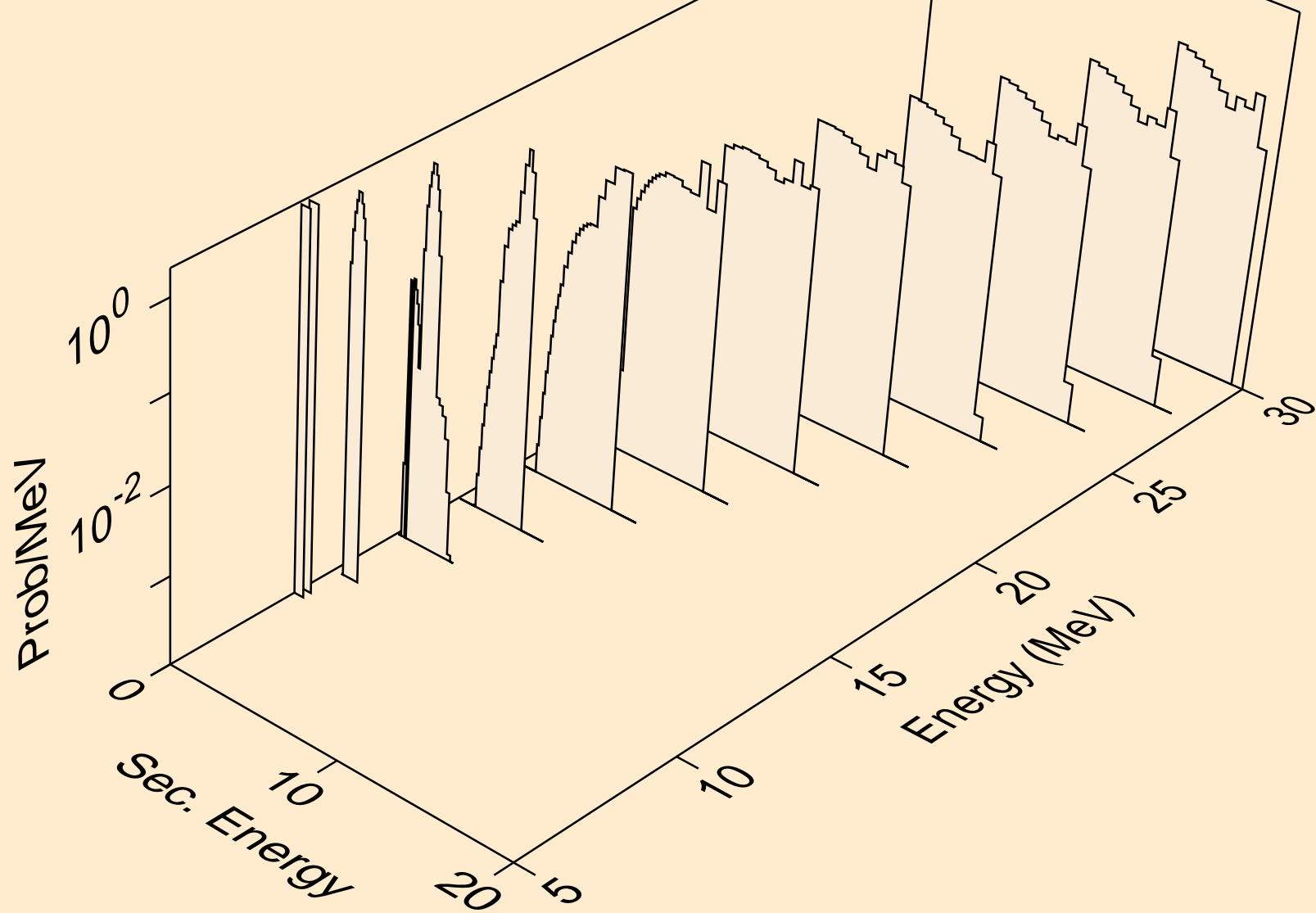
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



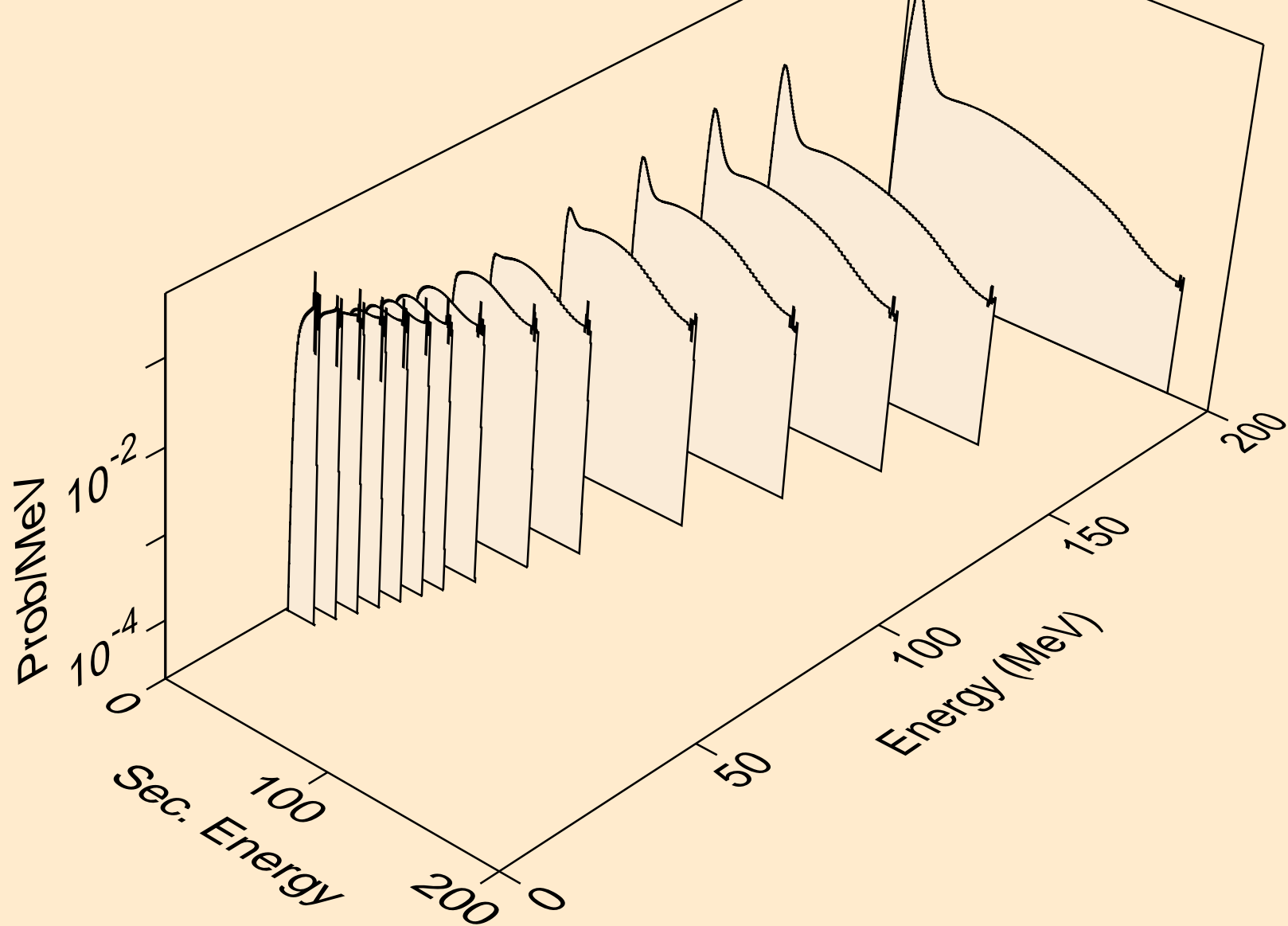
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

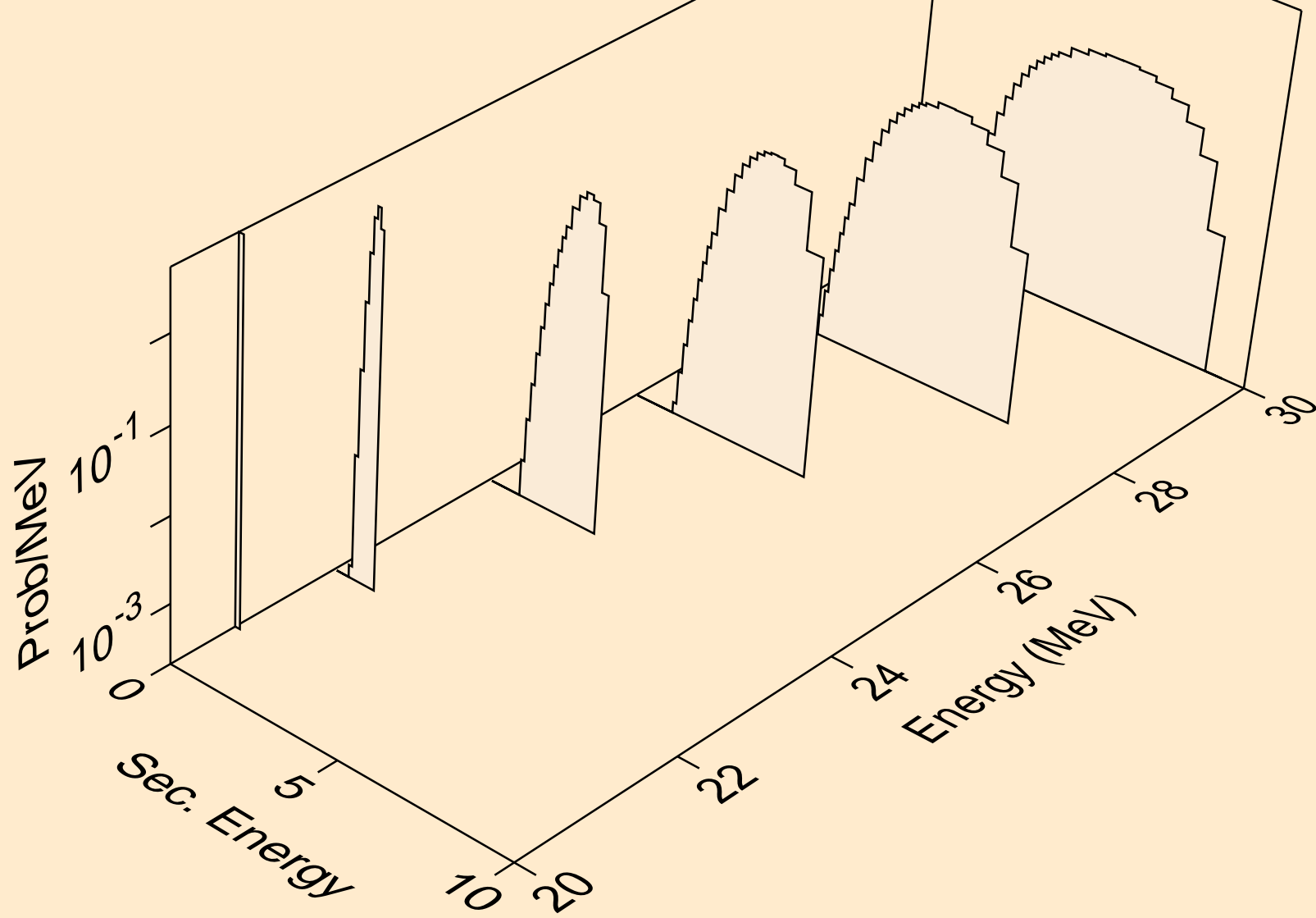


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

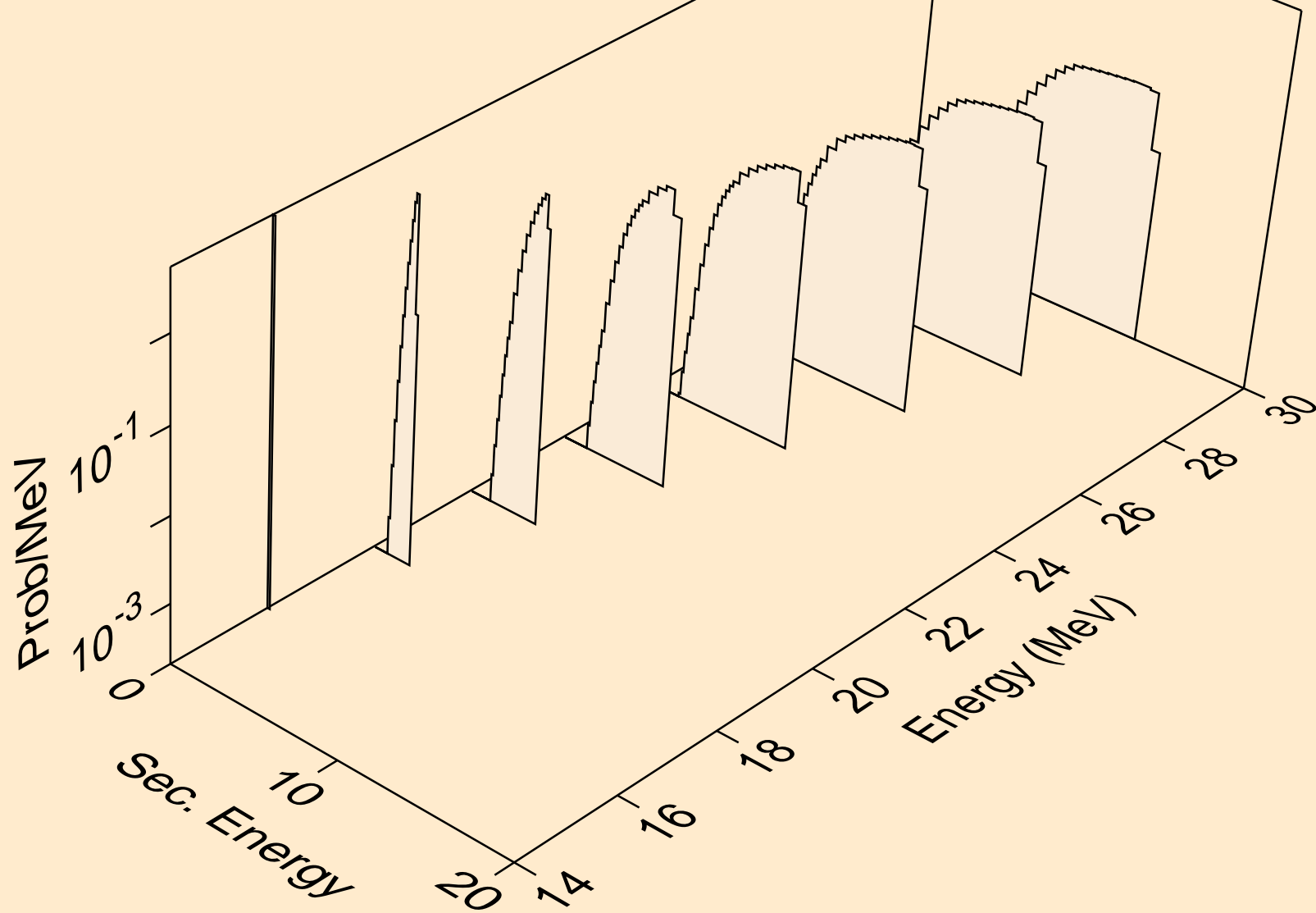




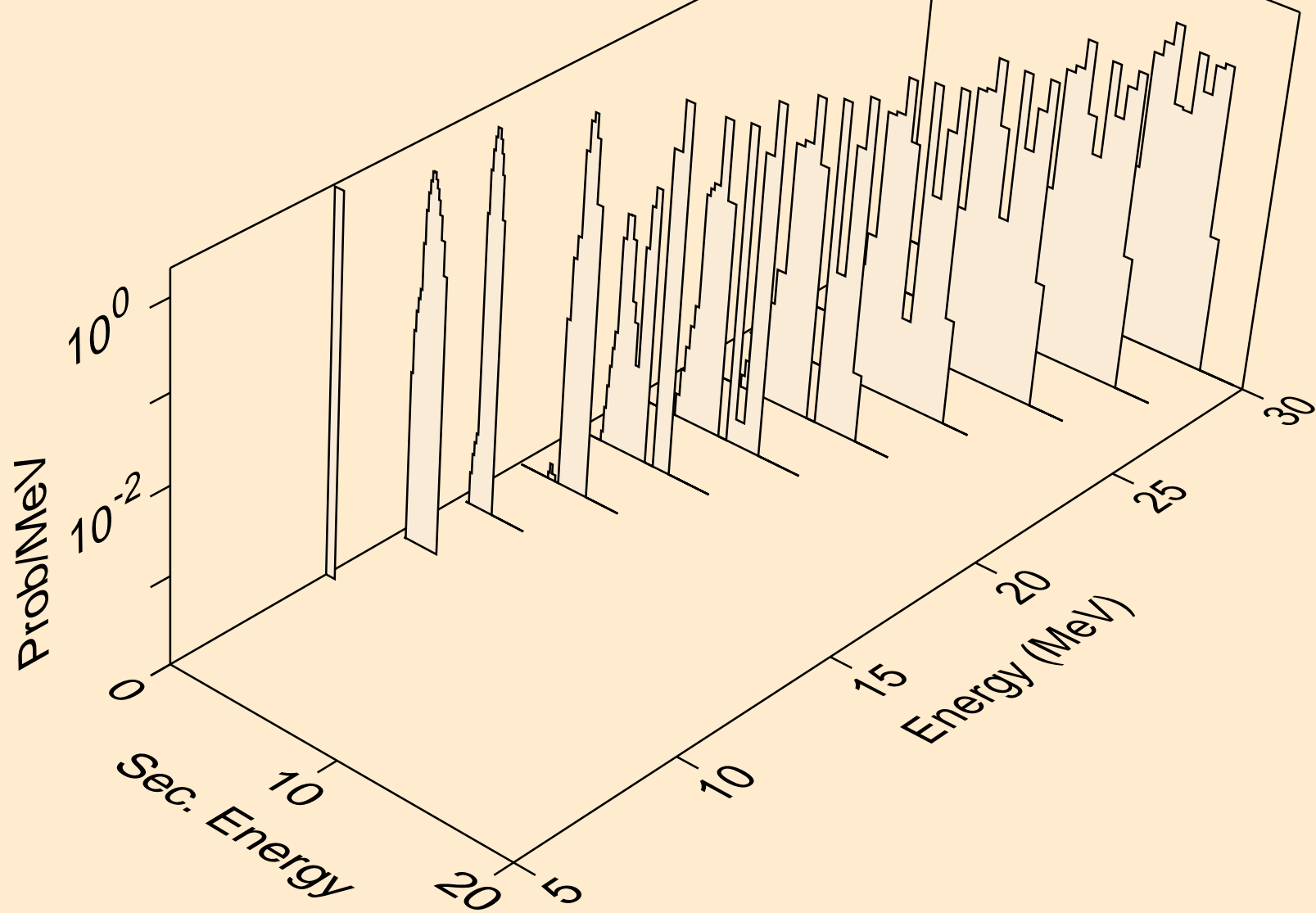
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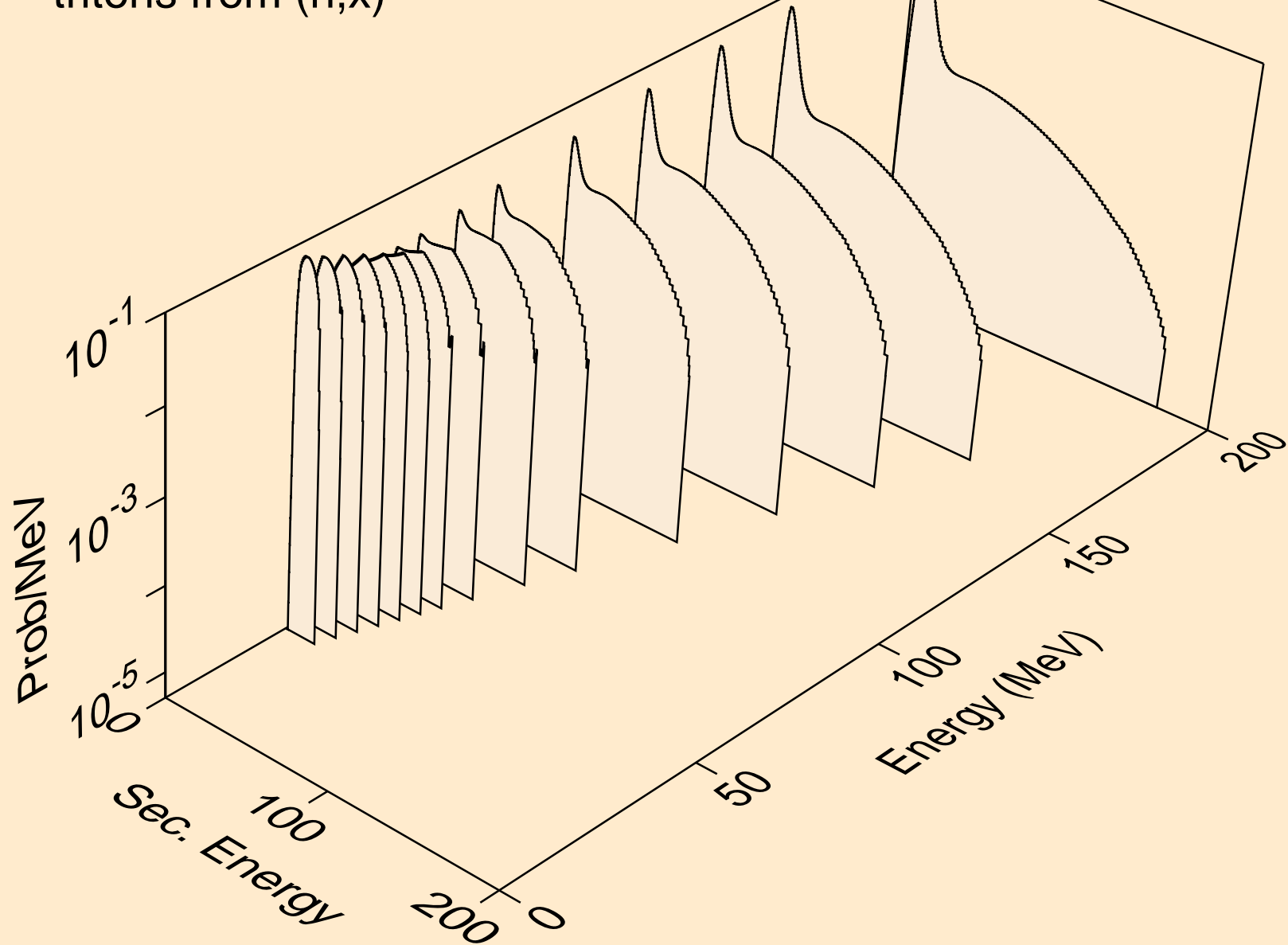
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



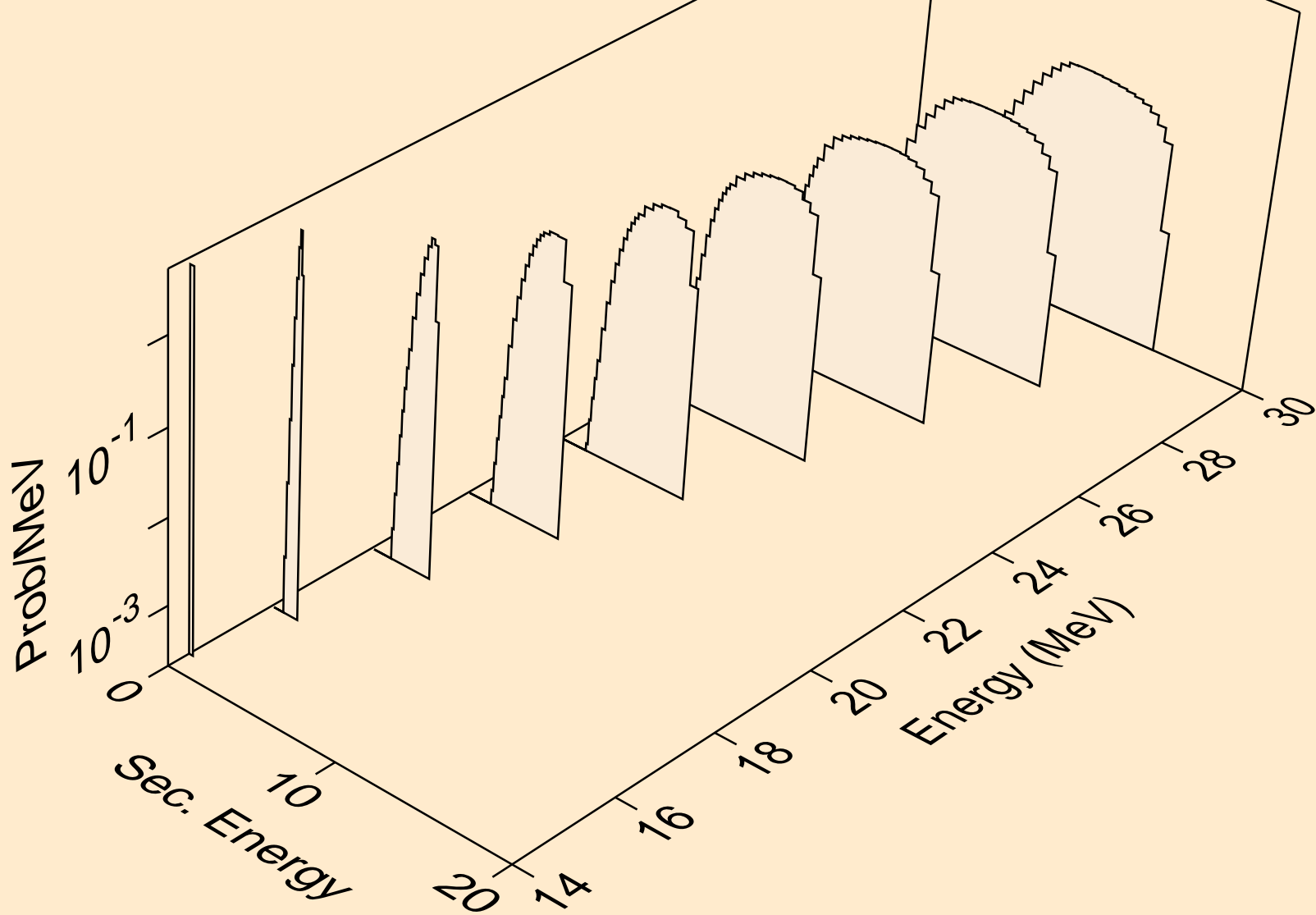
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deuterons from (n,d)



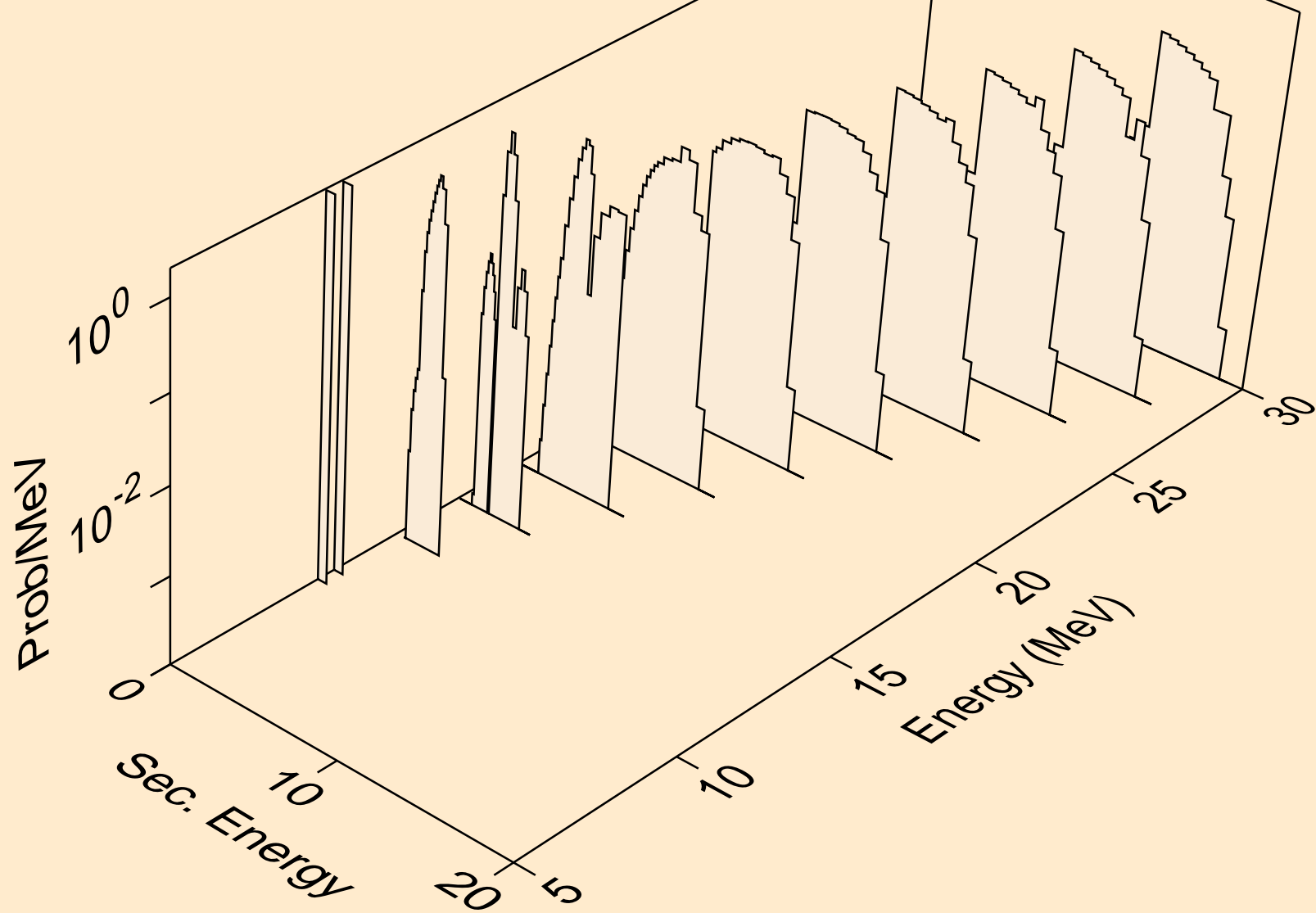
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



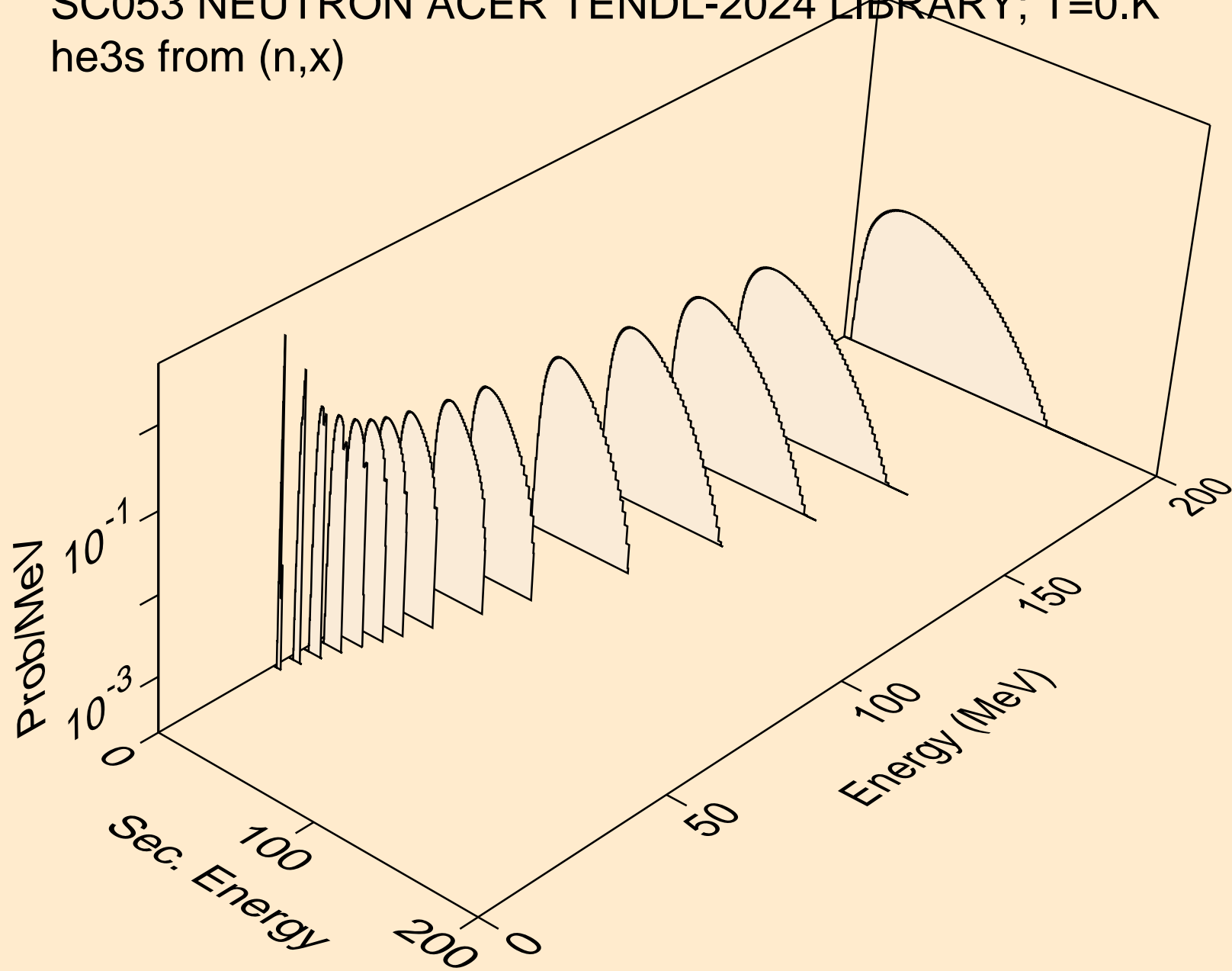
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



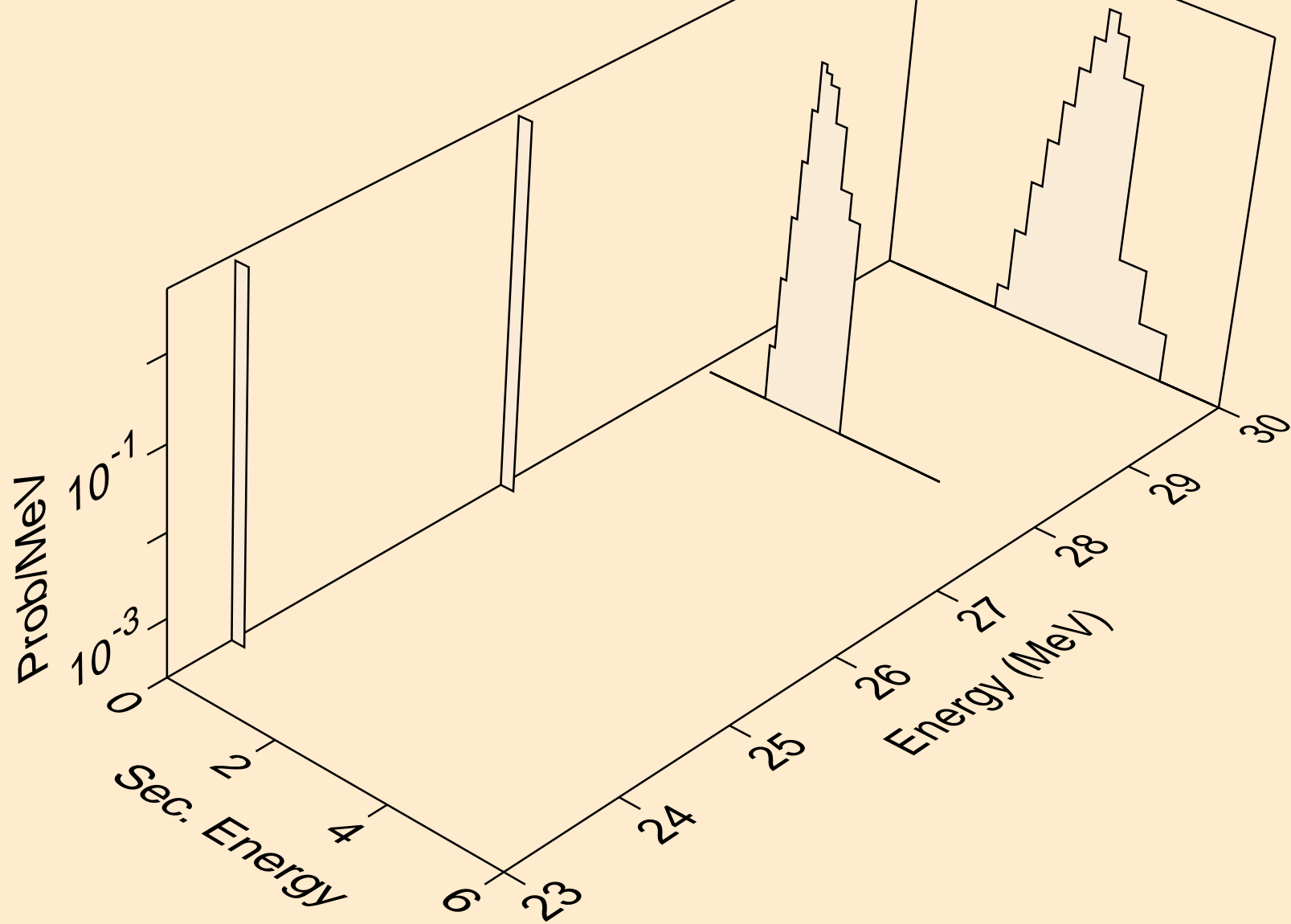
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

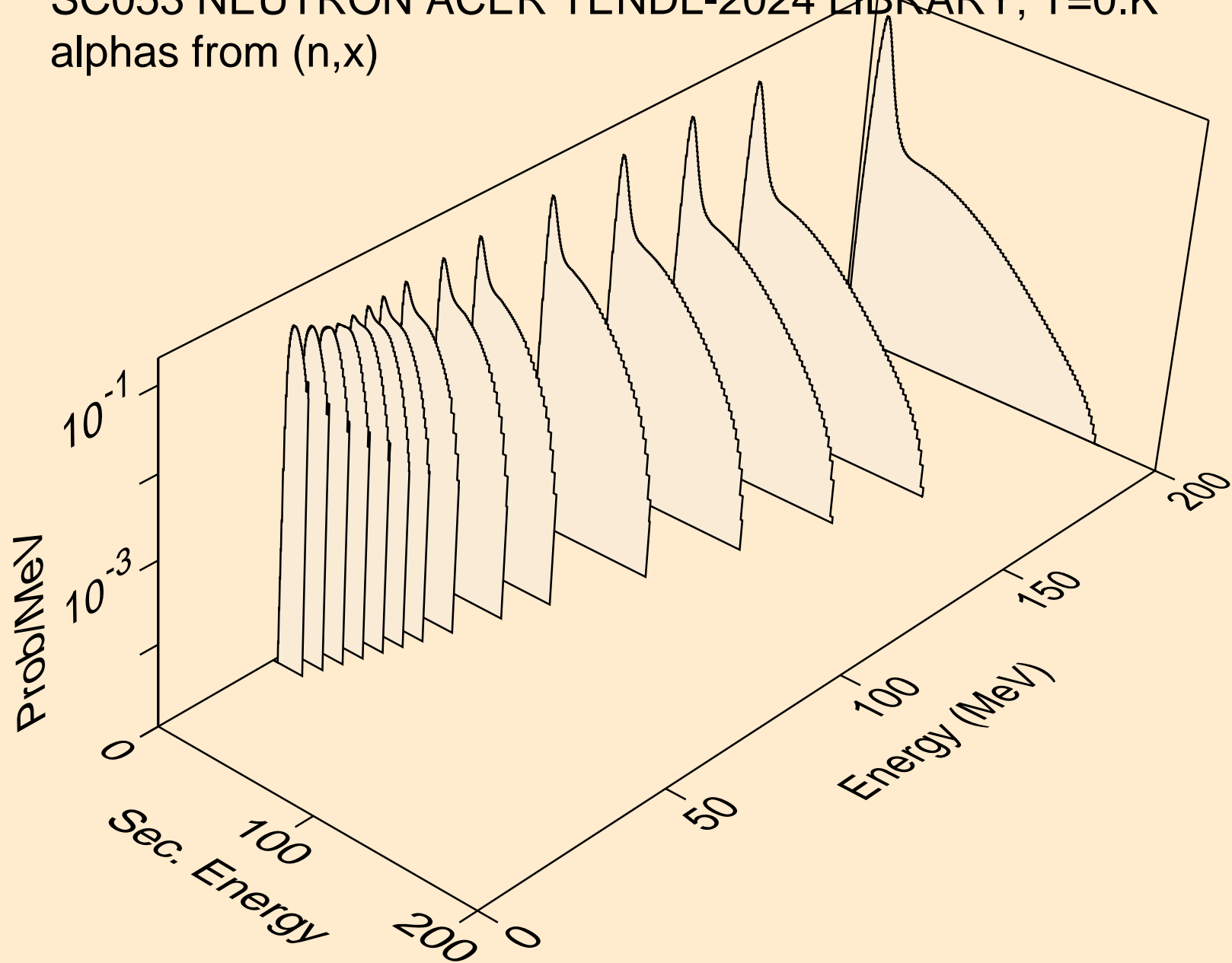


SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

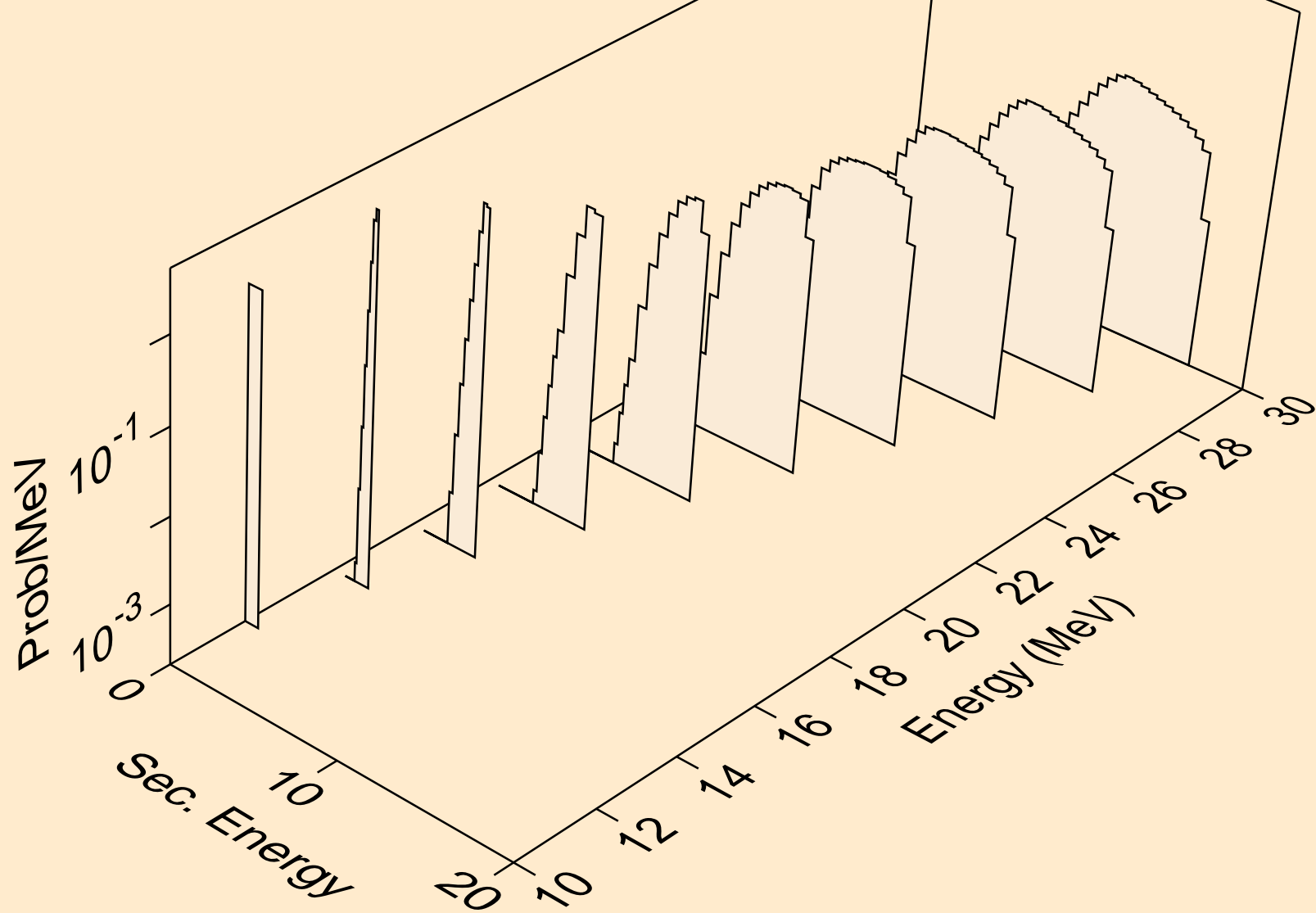




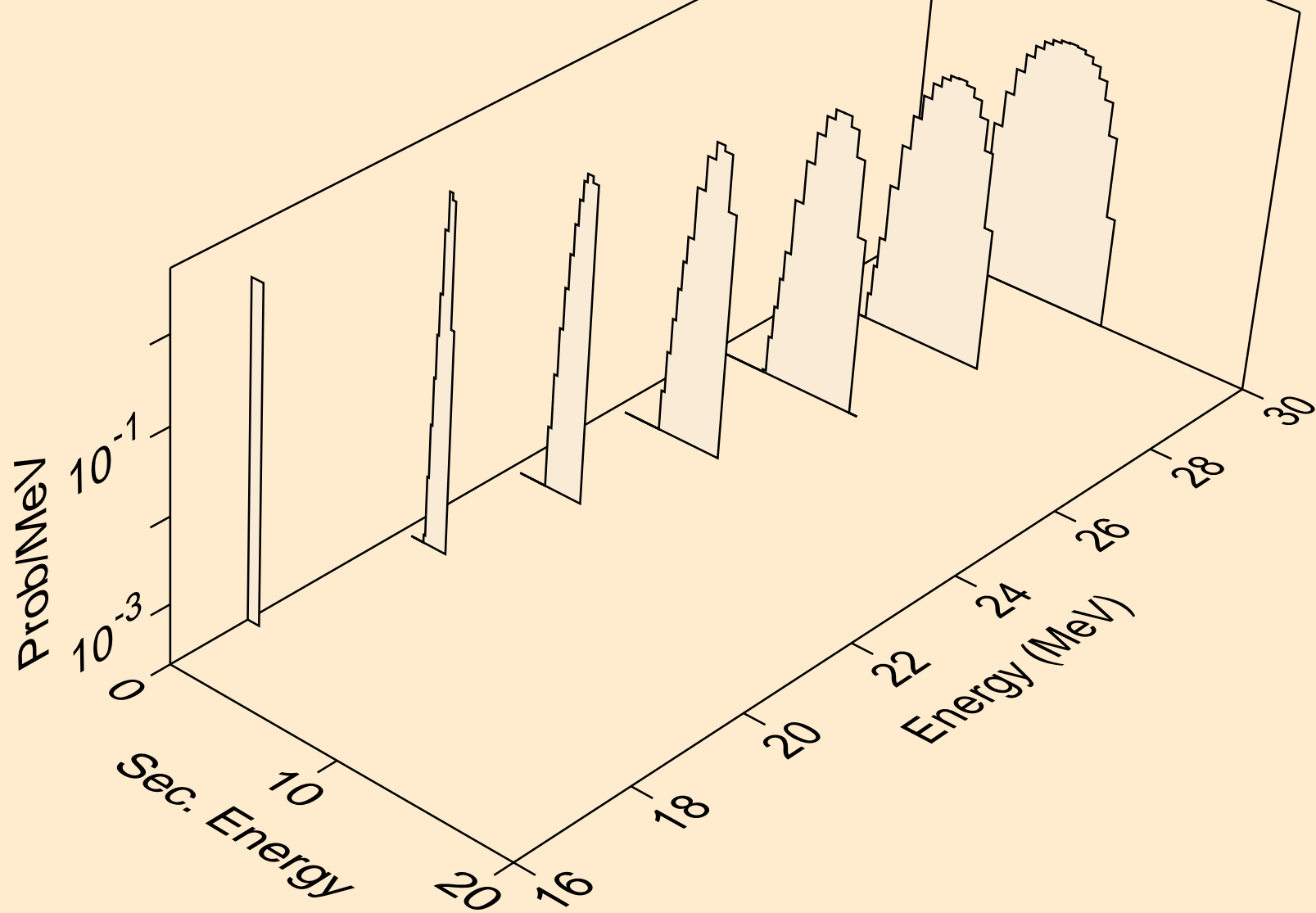
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



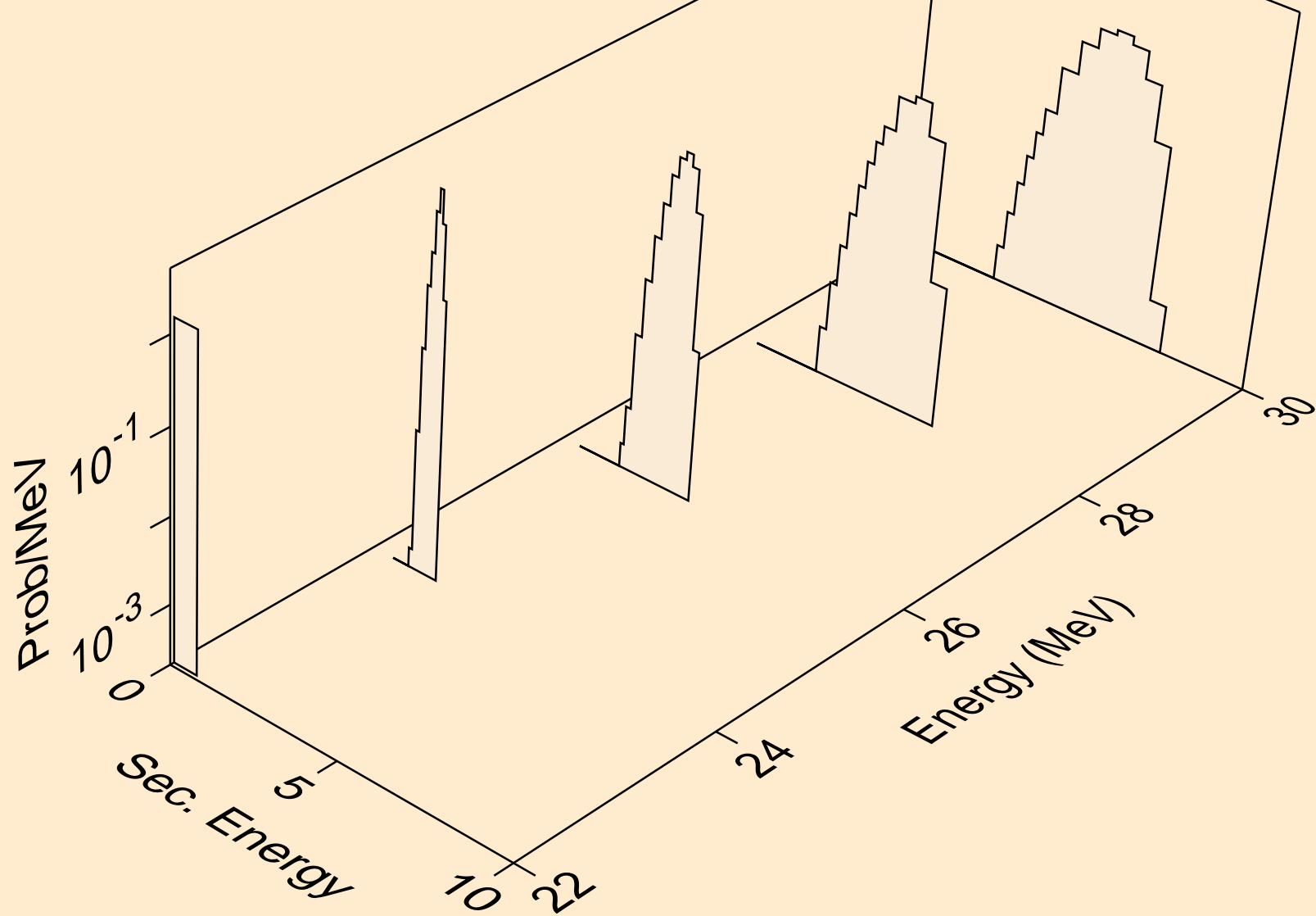
SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



SC053 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

