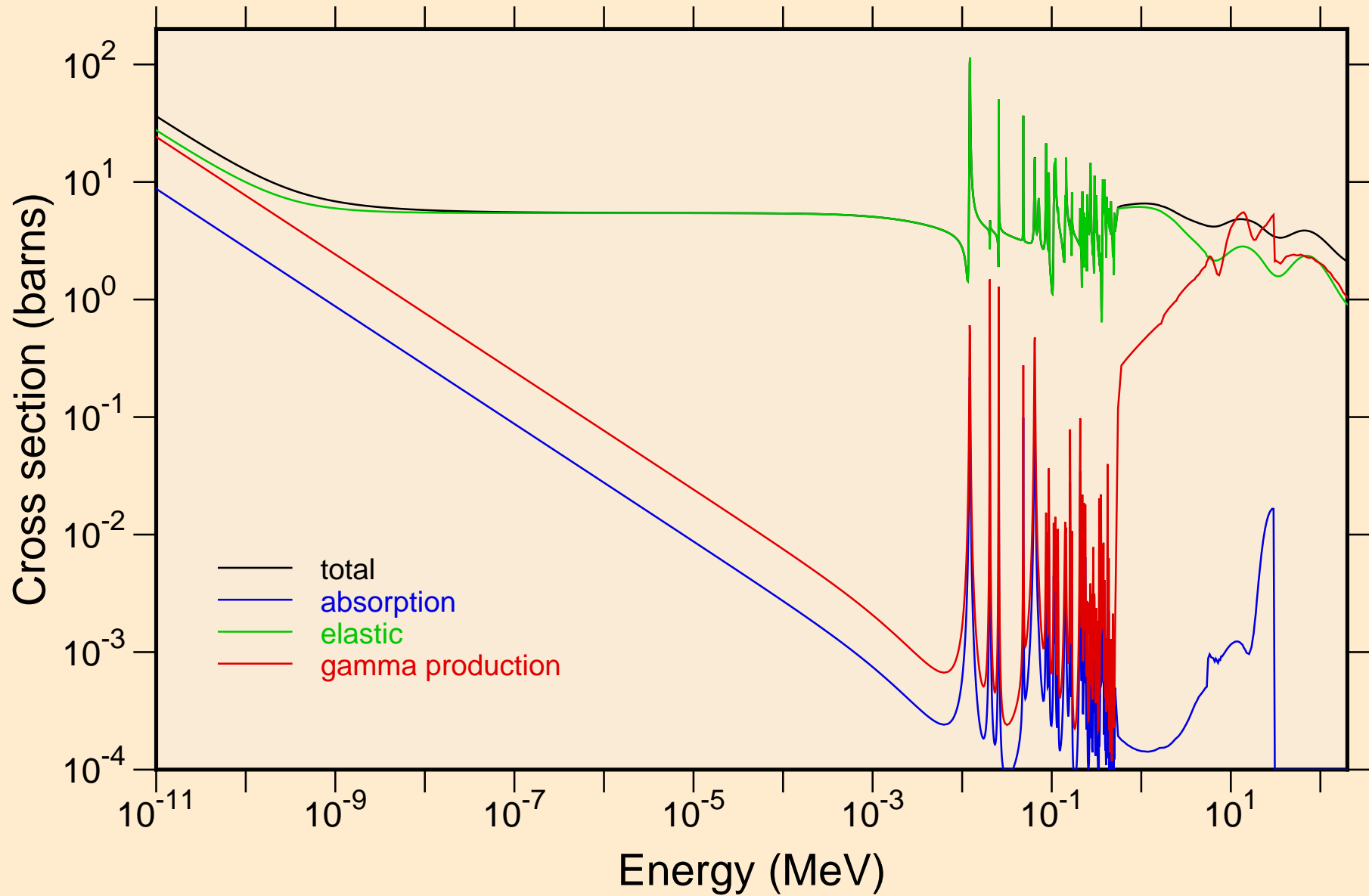
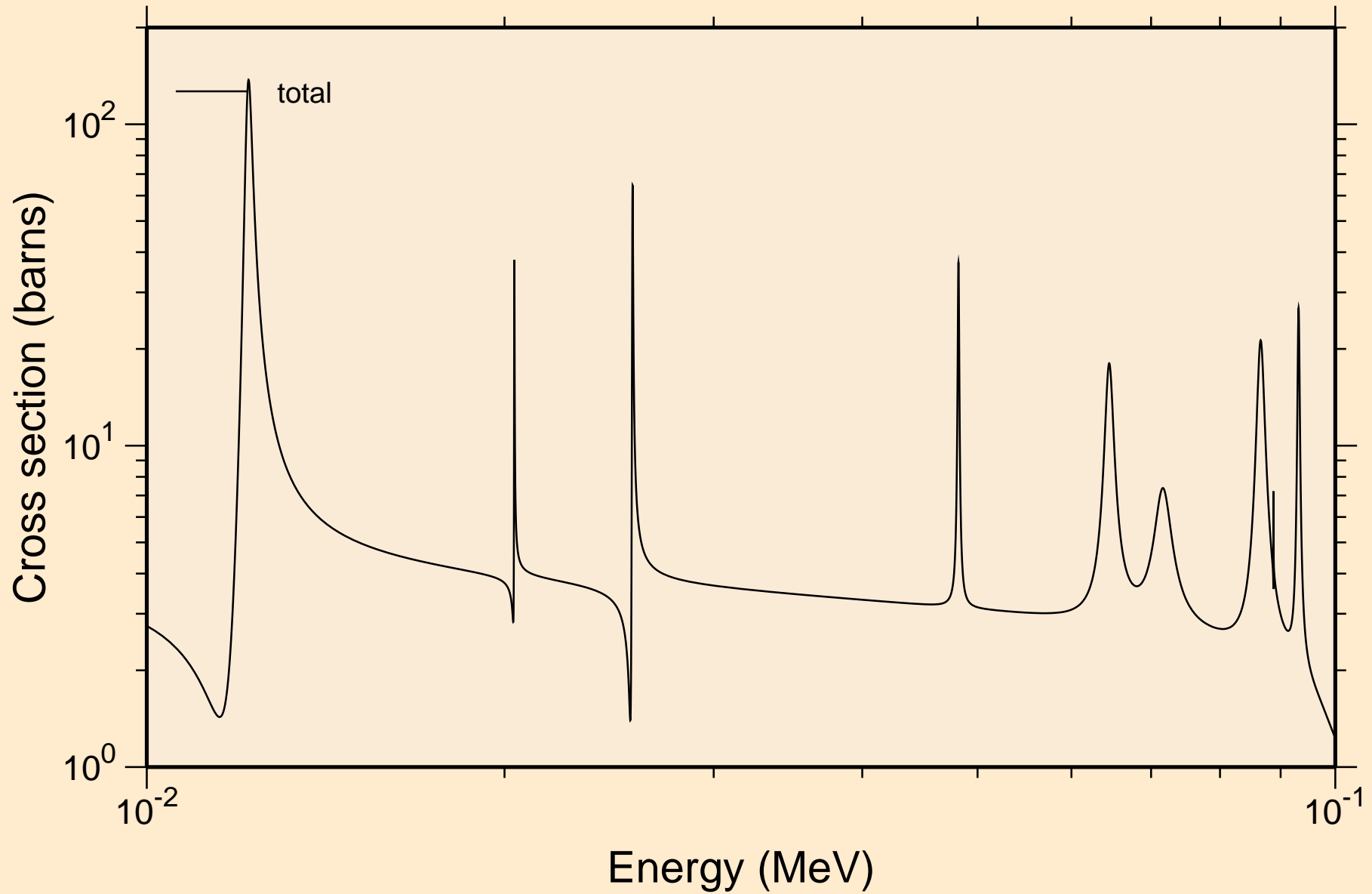


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

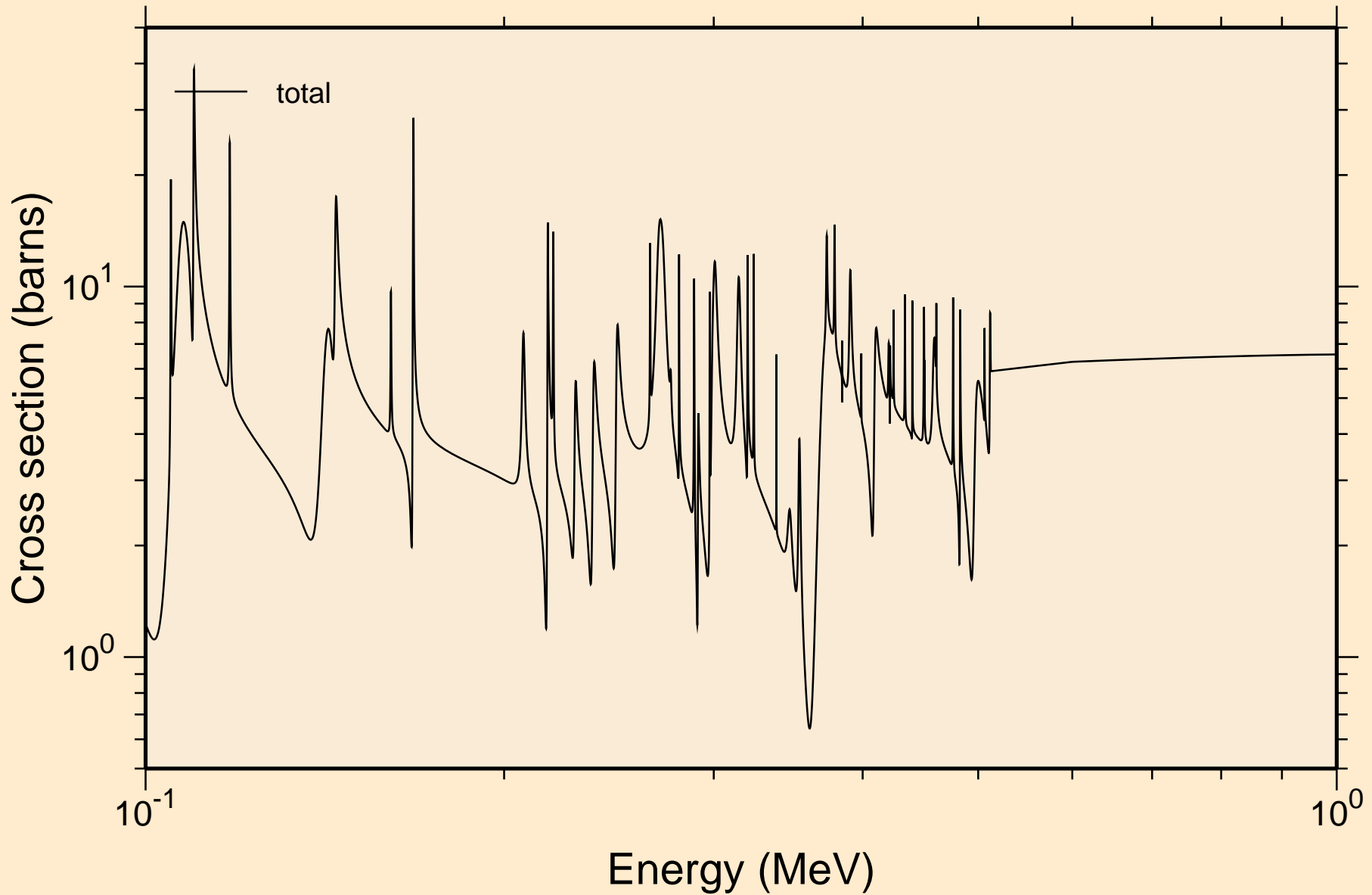
## Principal cross sections



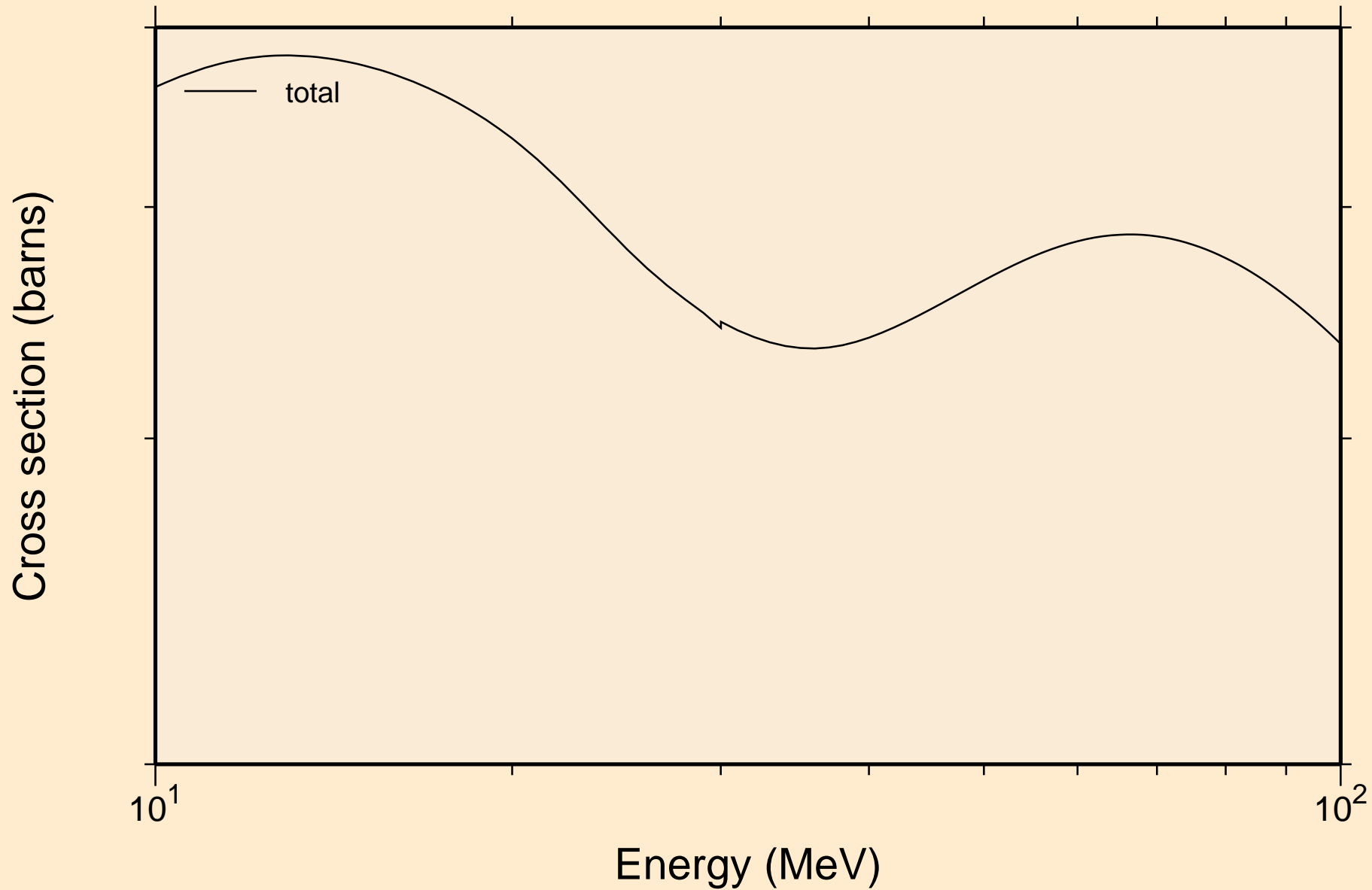
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



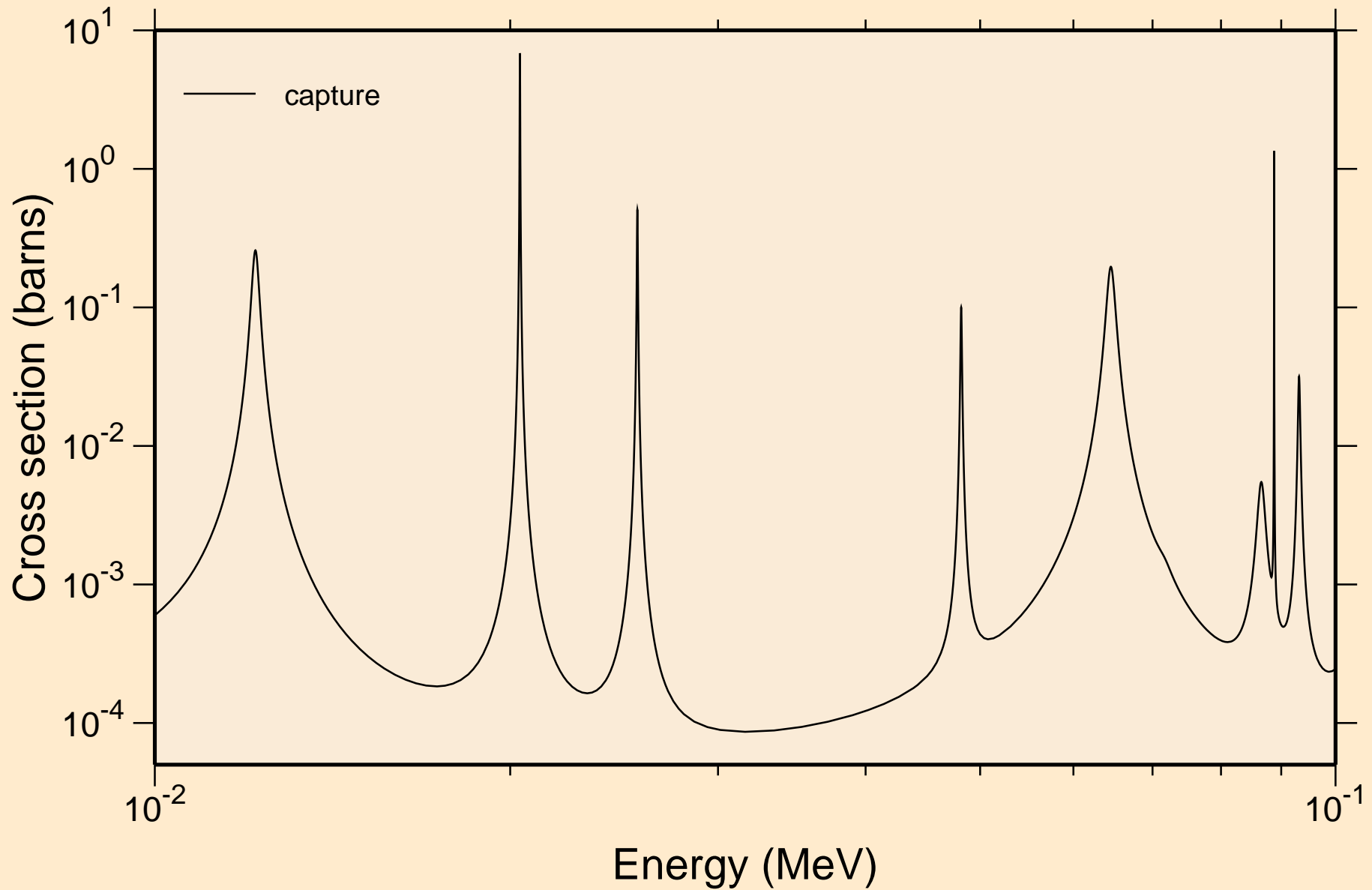
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



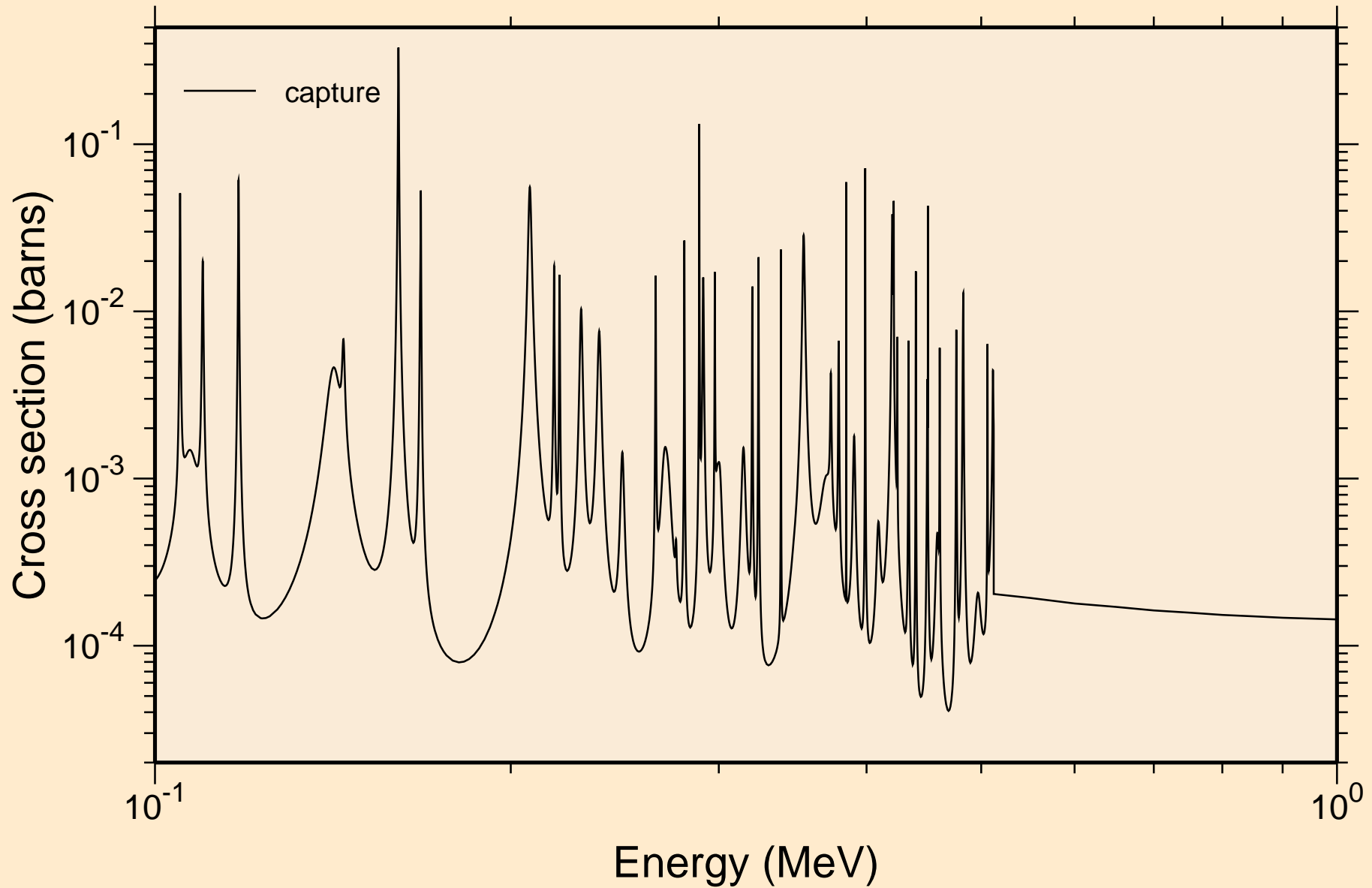
$\bar{S}N131$  NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



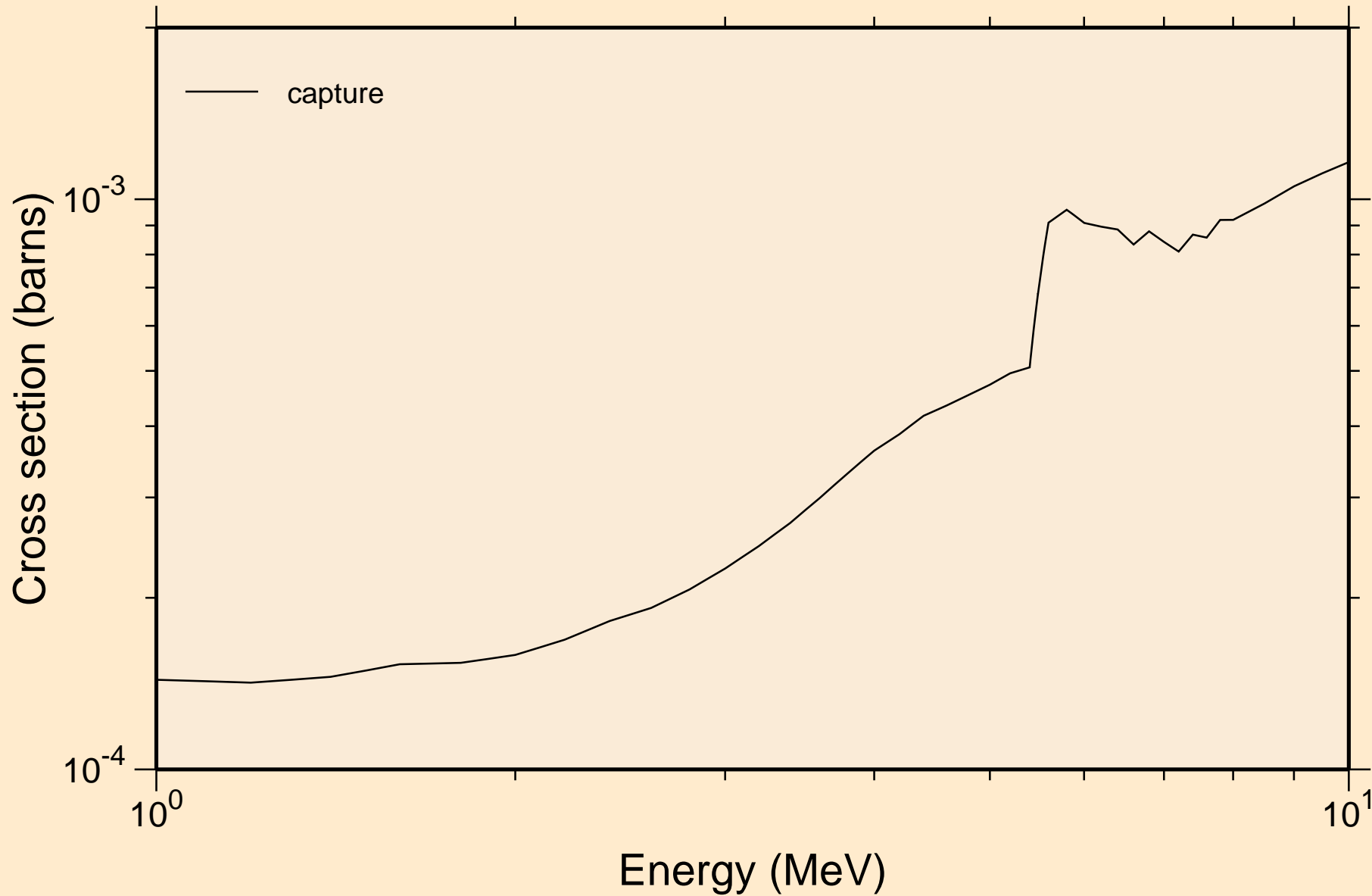
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



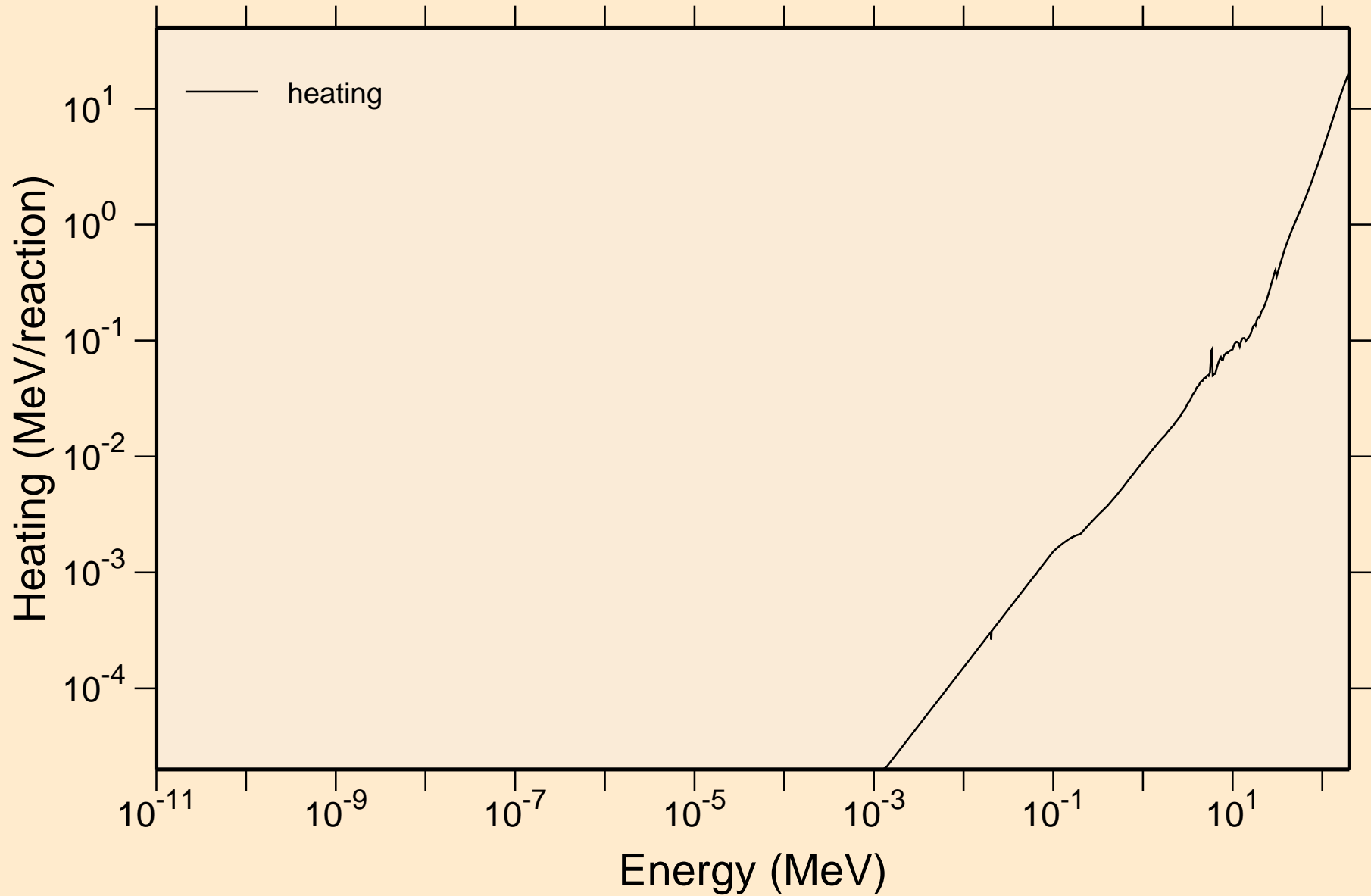
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

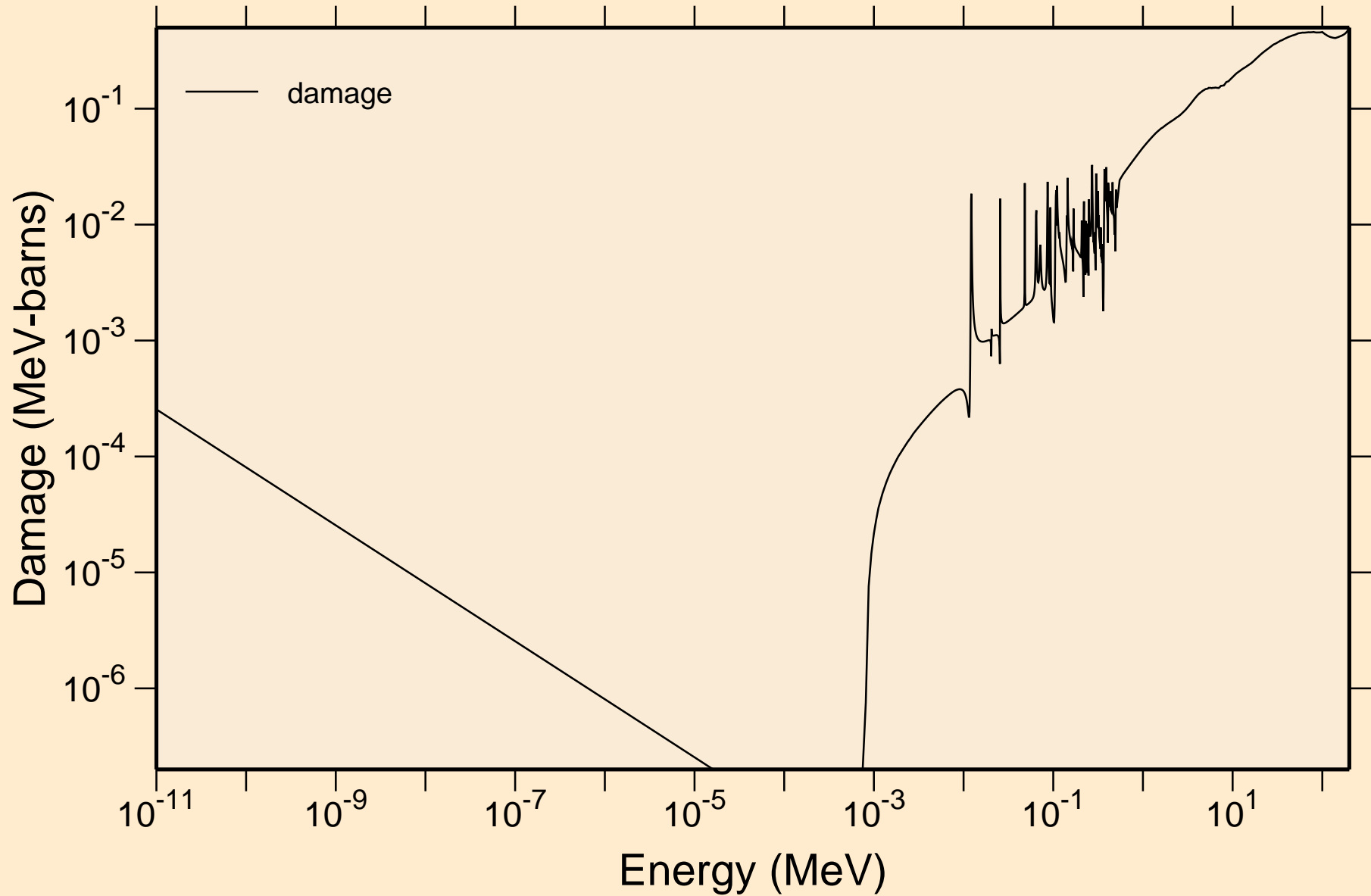


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

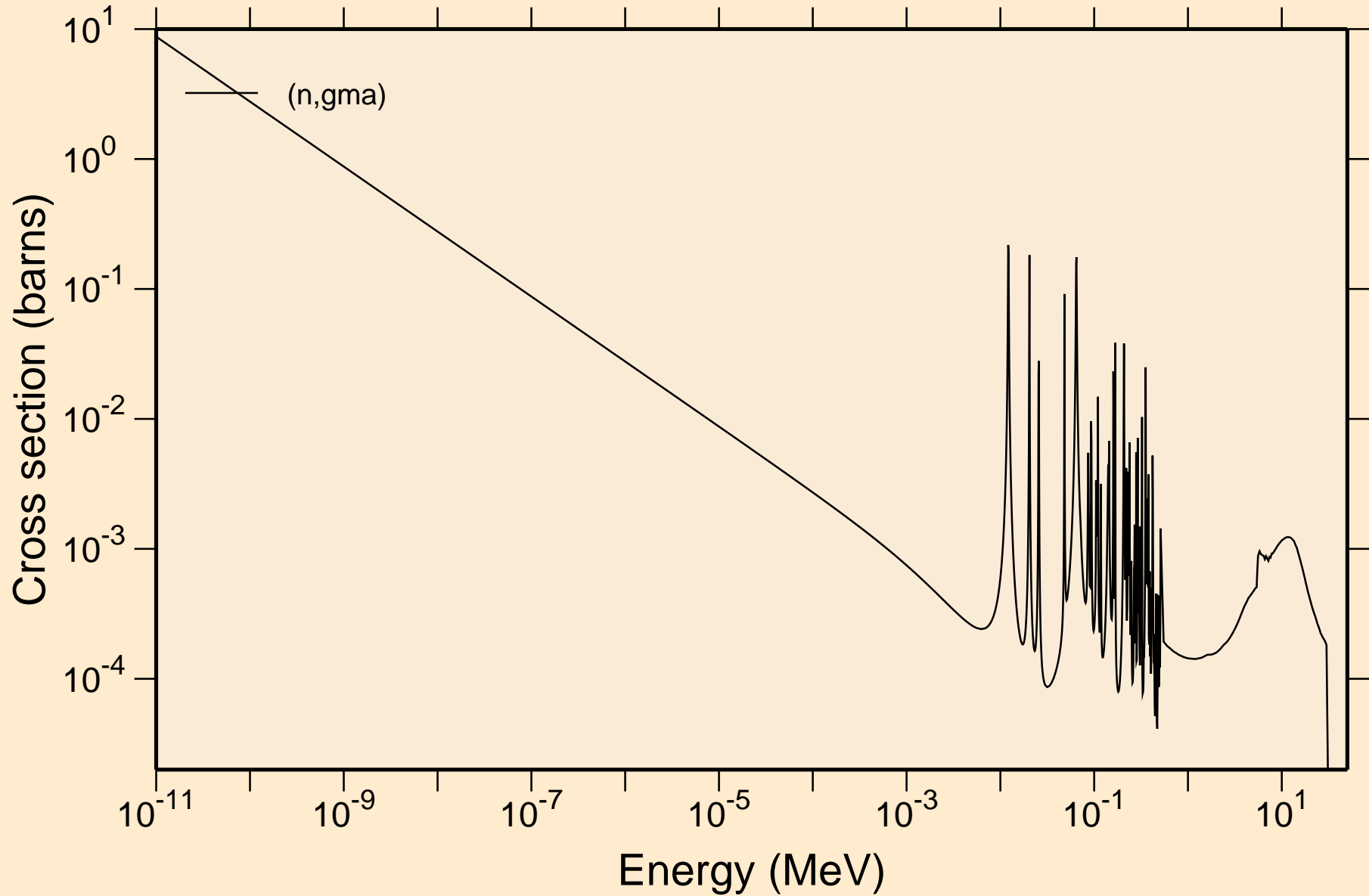




# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage

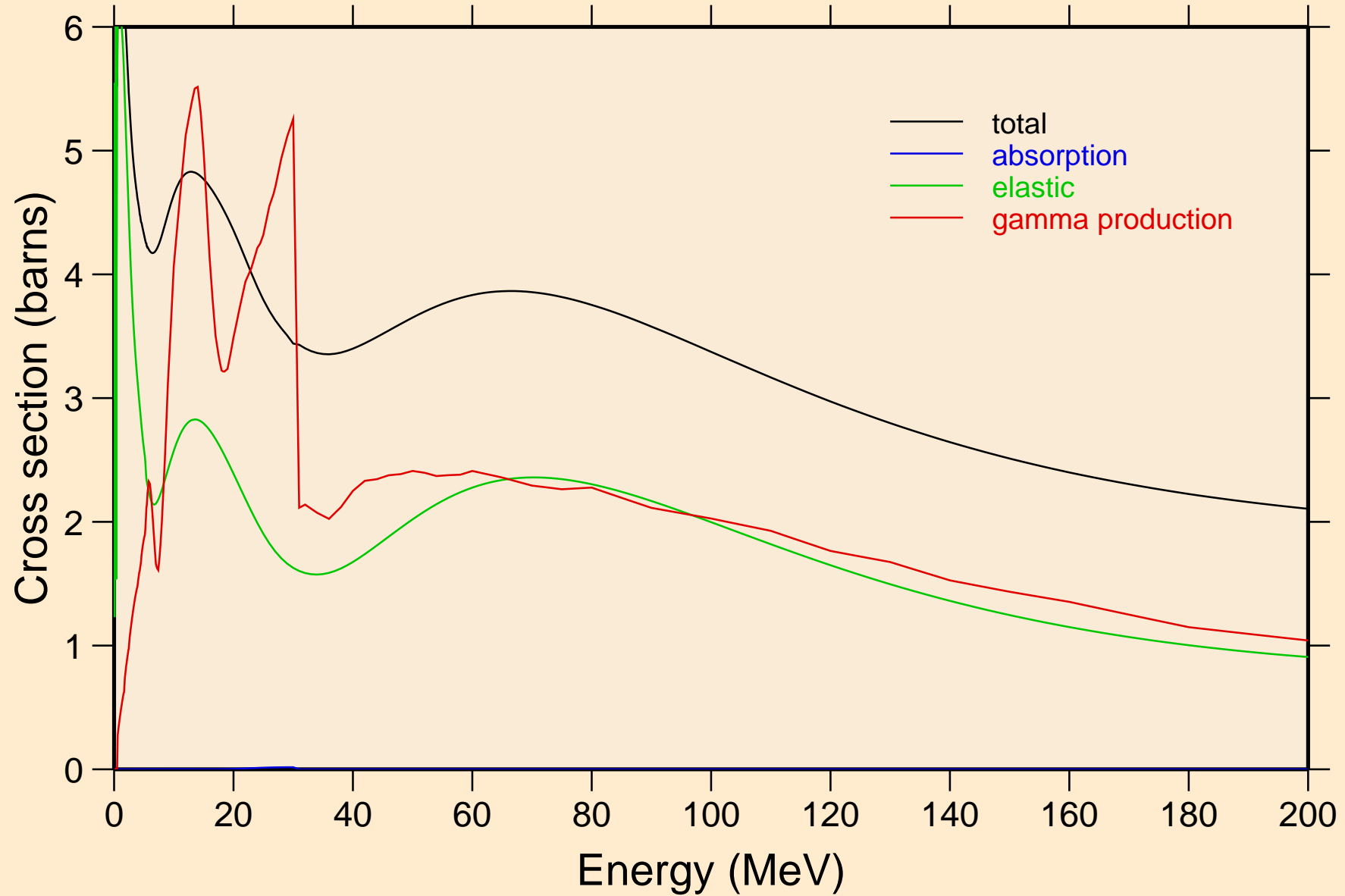


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

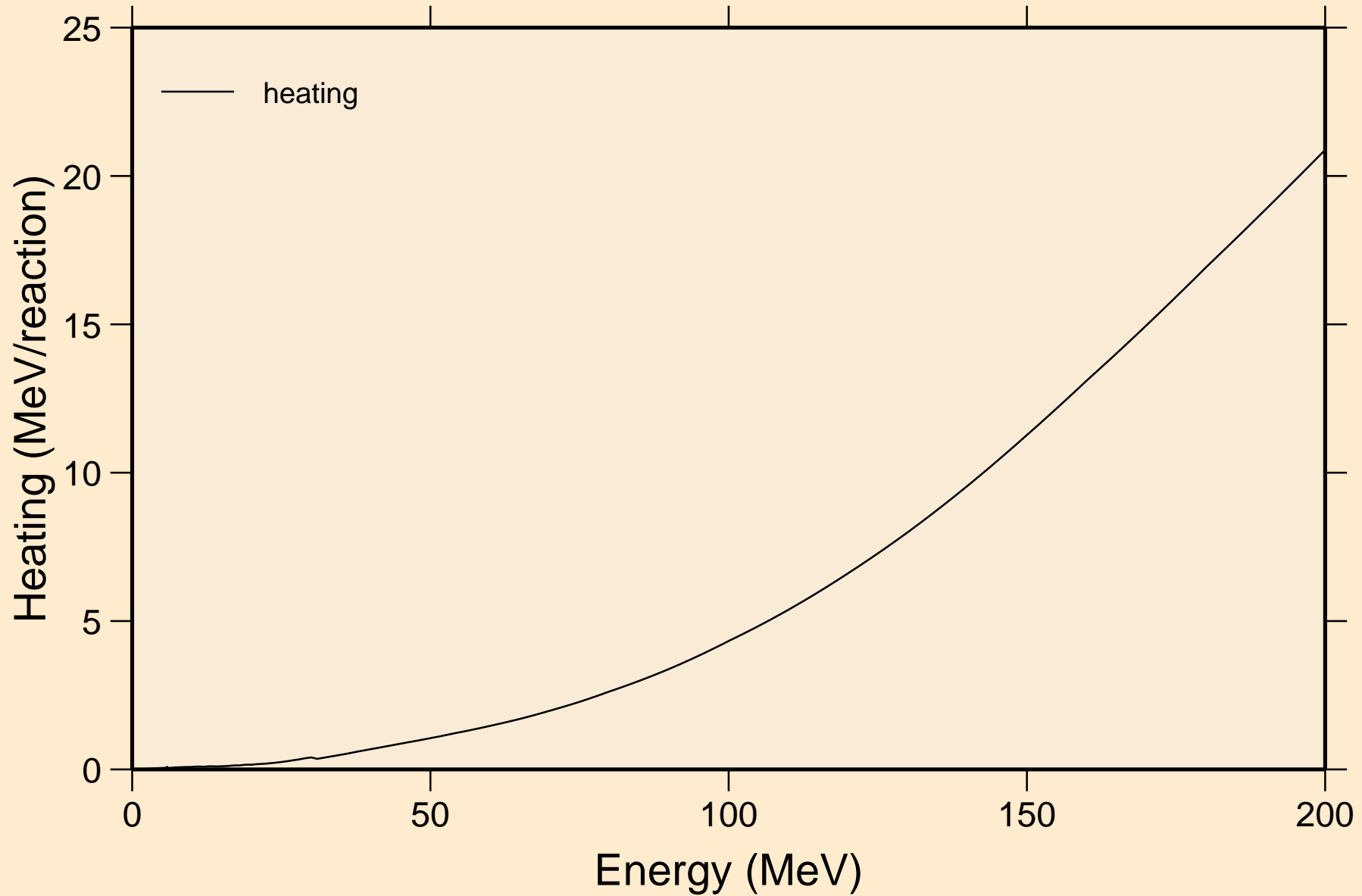


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

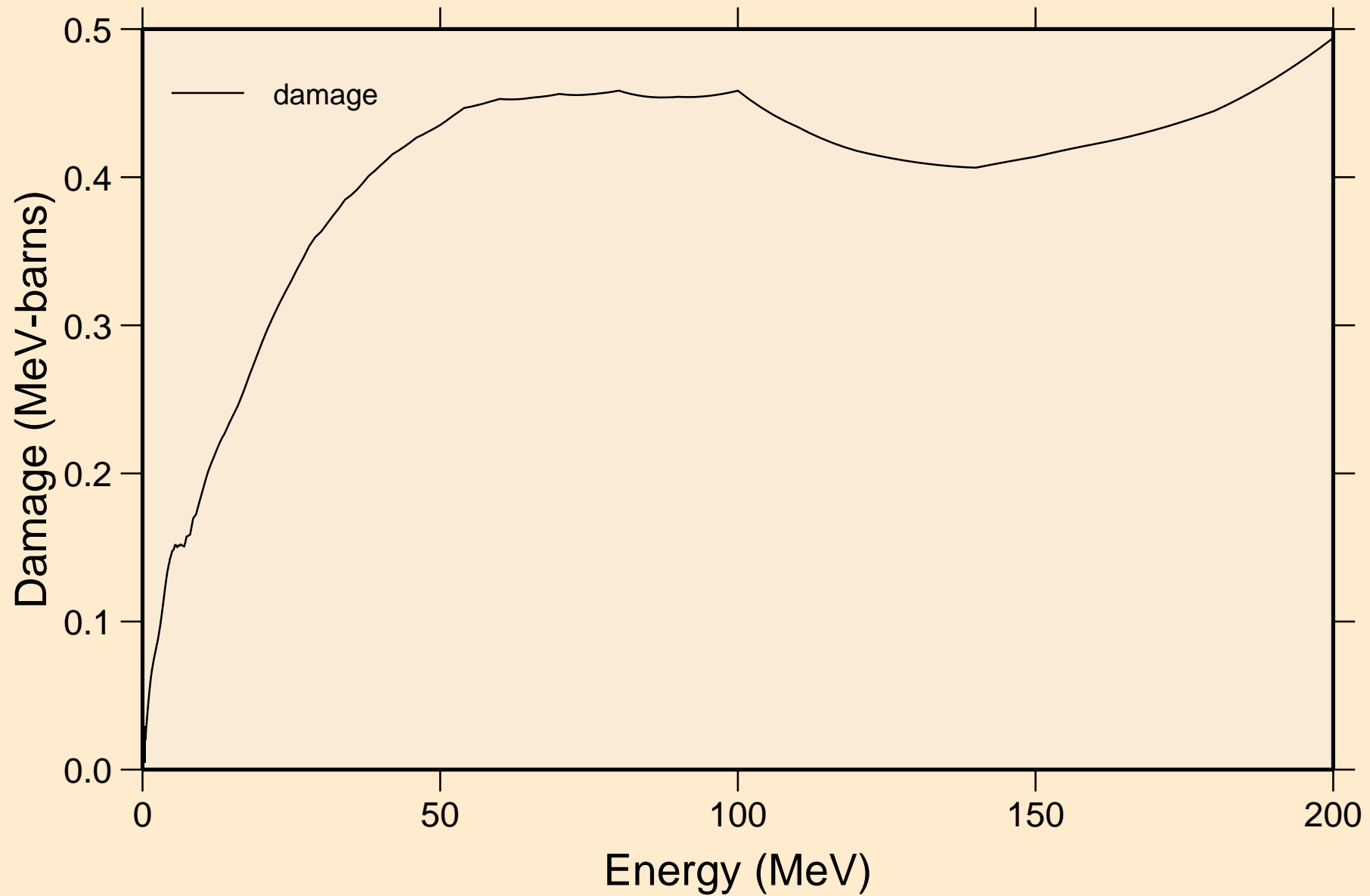
## Principal cross sections



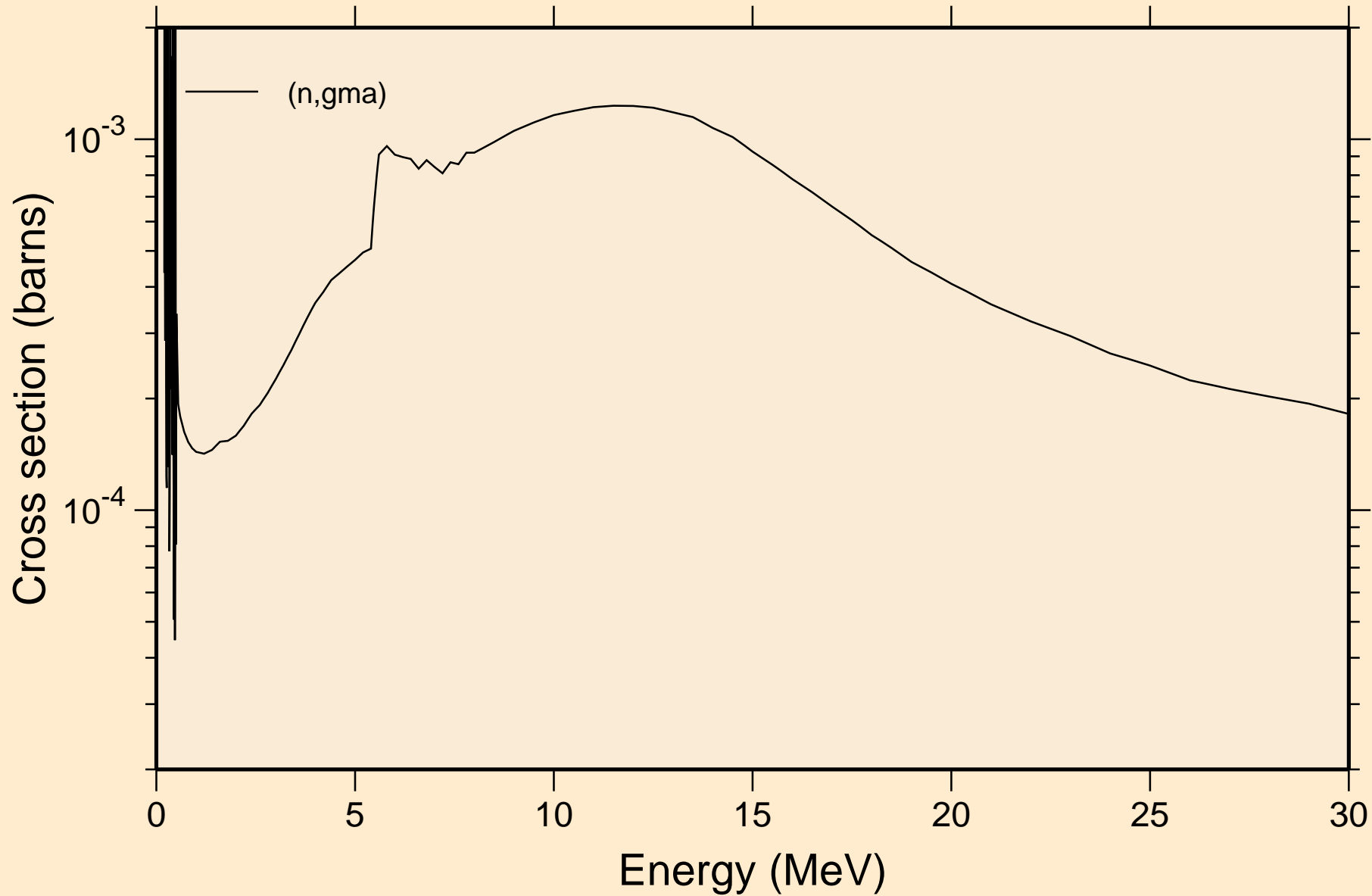
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

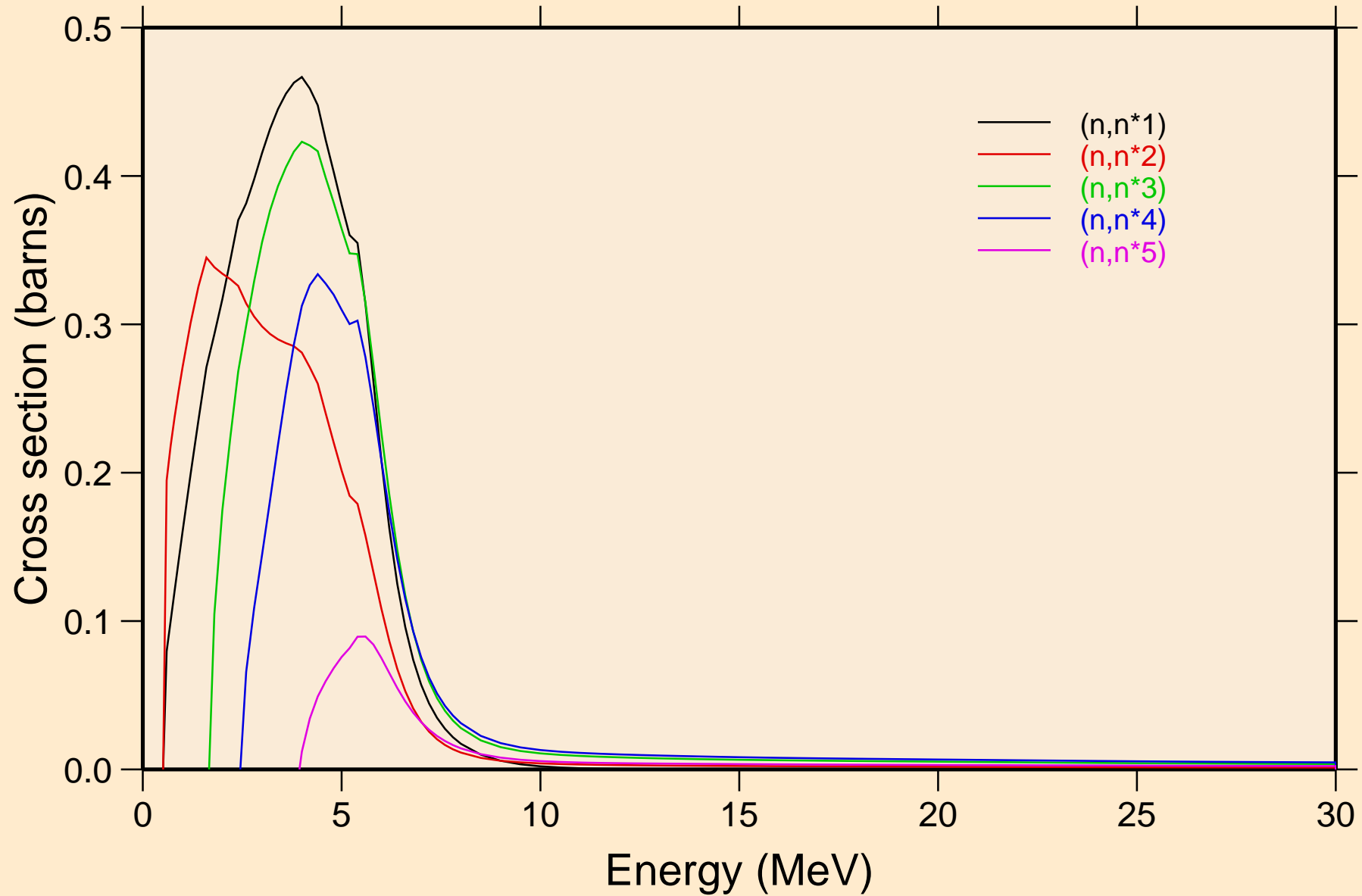


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



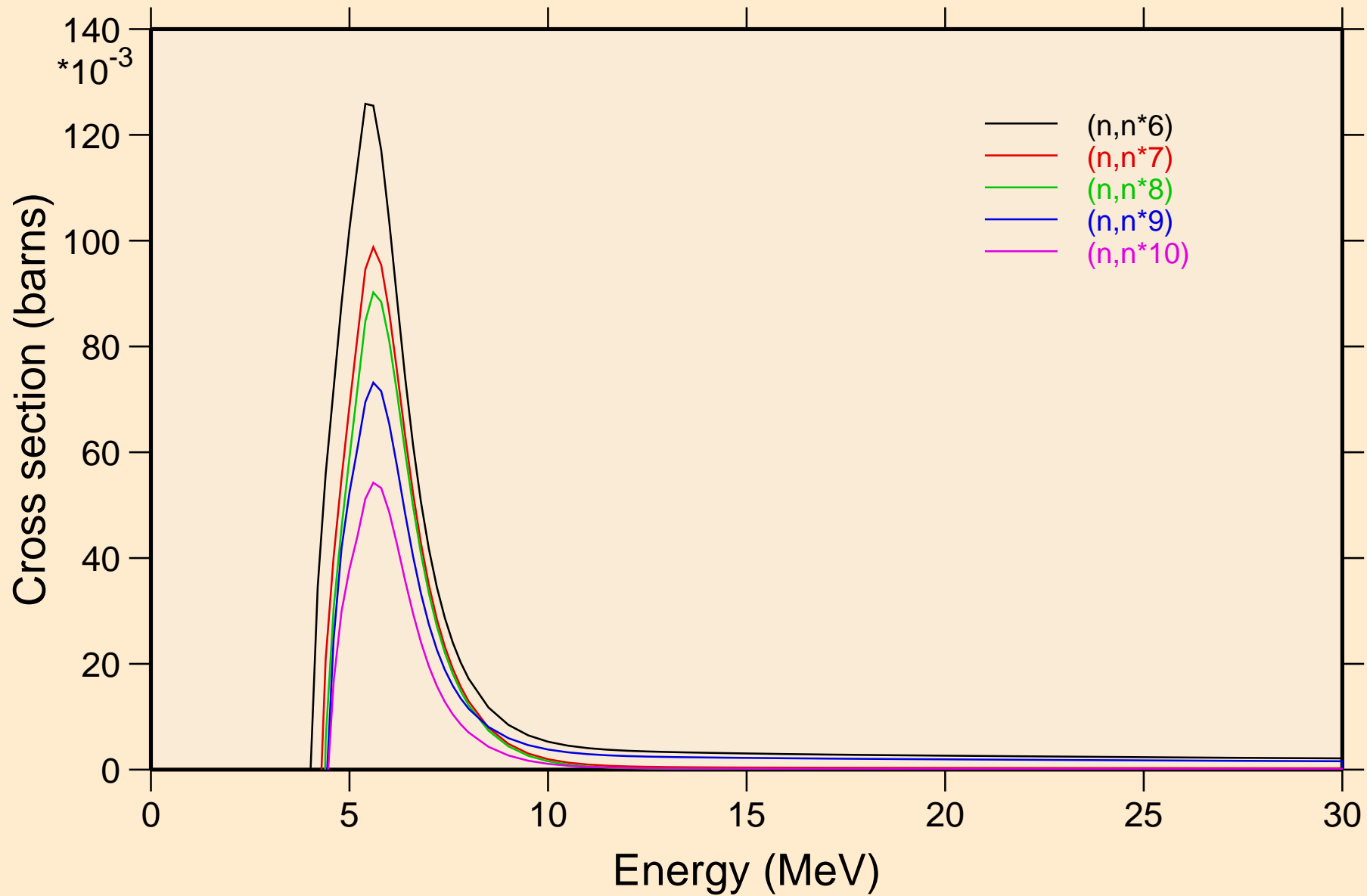
# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels



# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

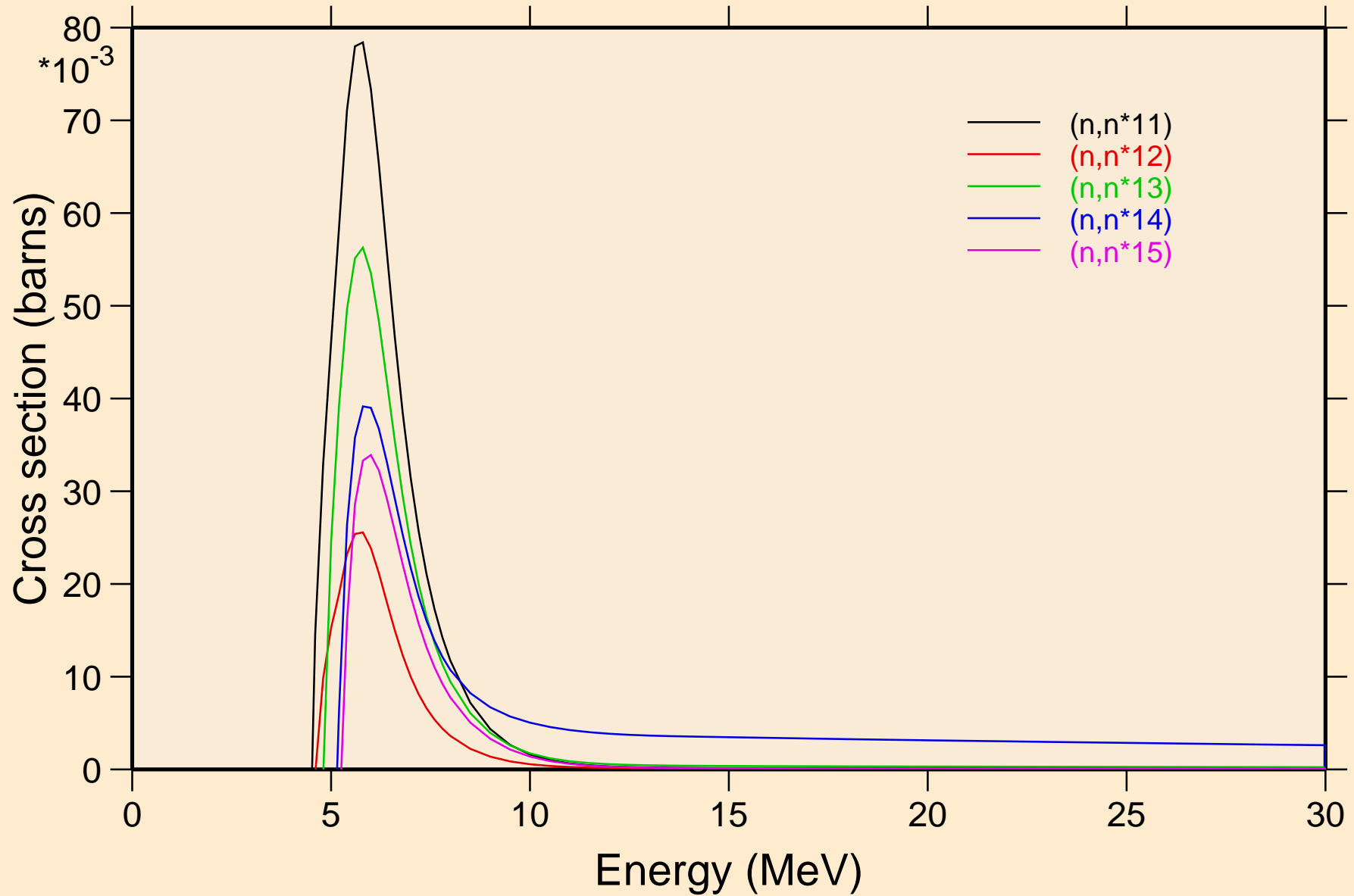
## Inelastic levels



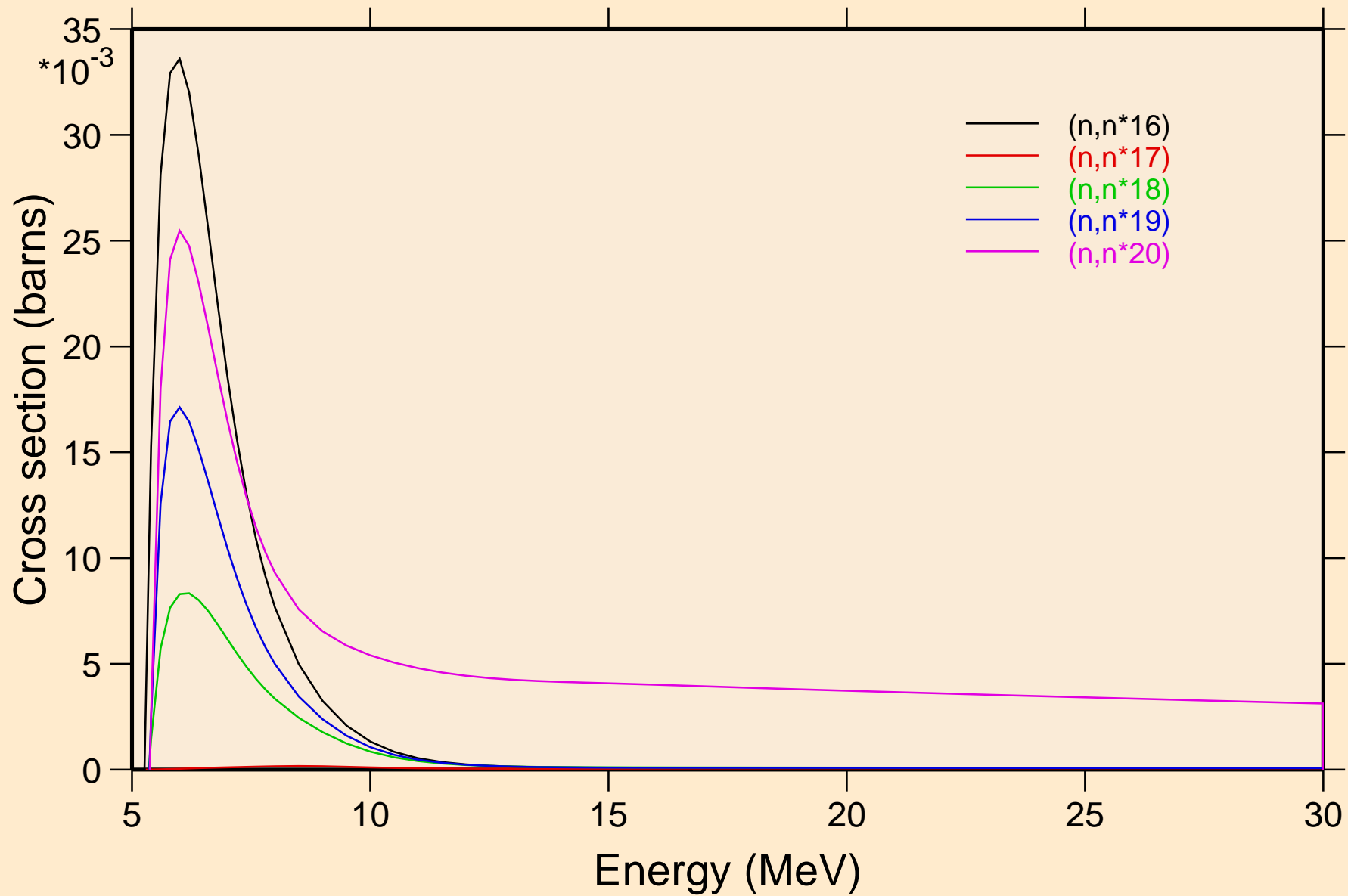


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

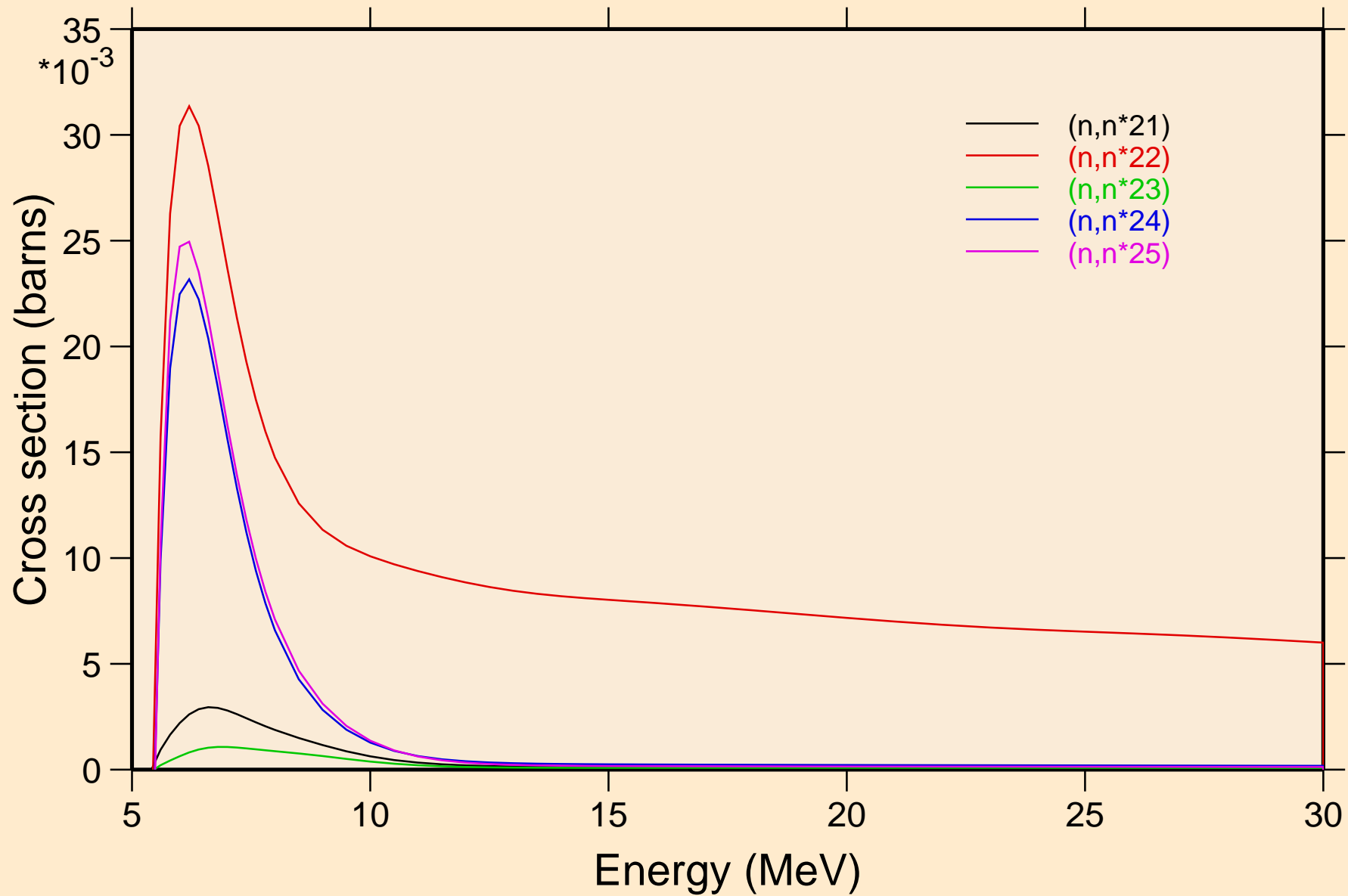
## Inelastic levels



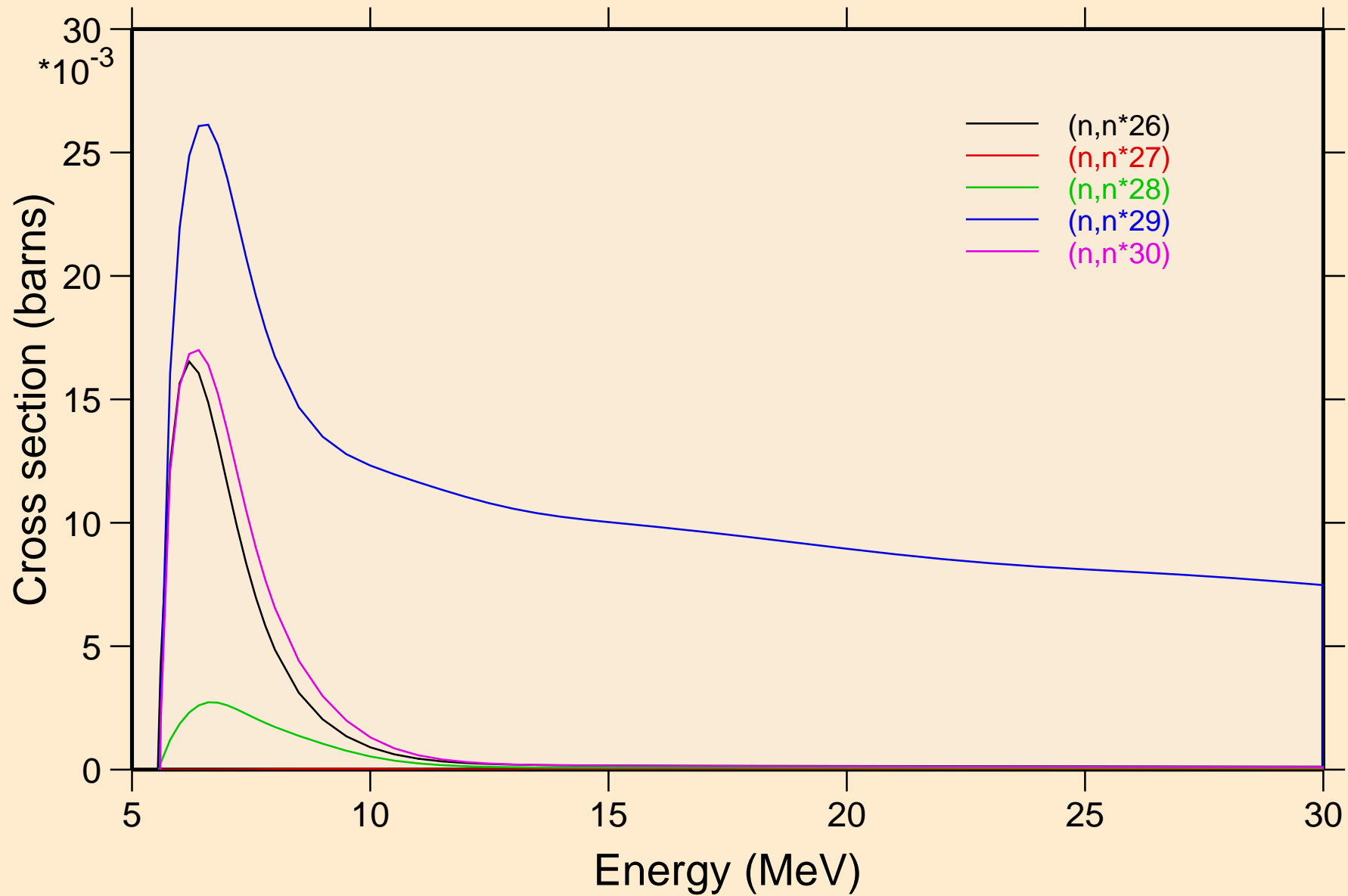
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

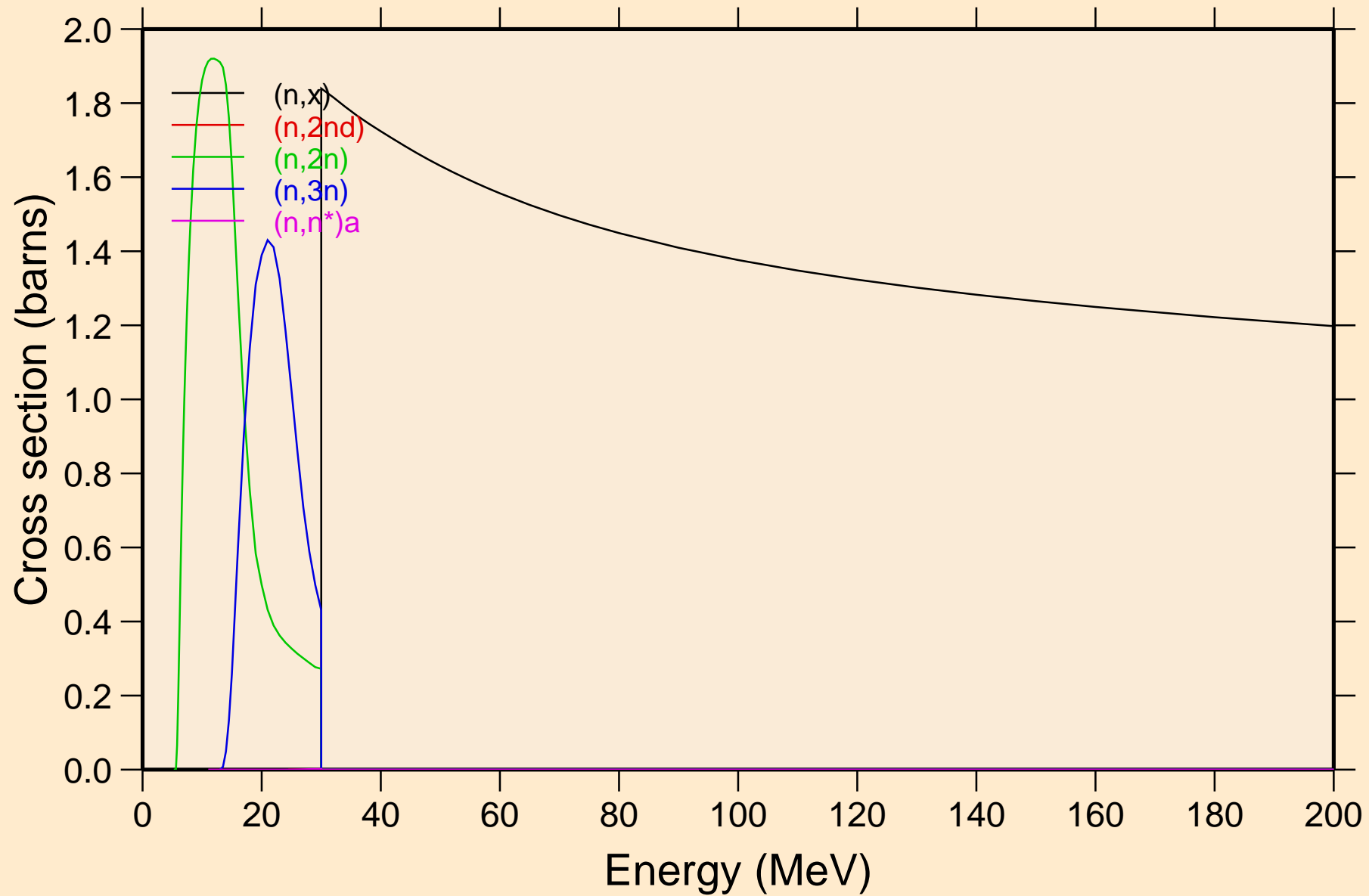


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



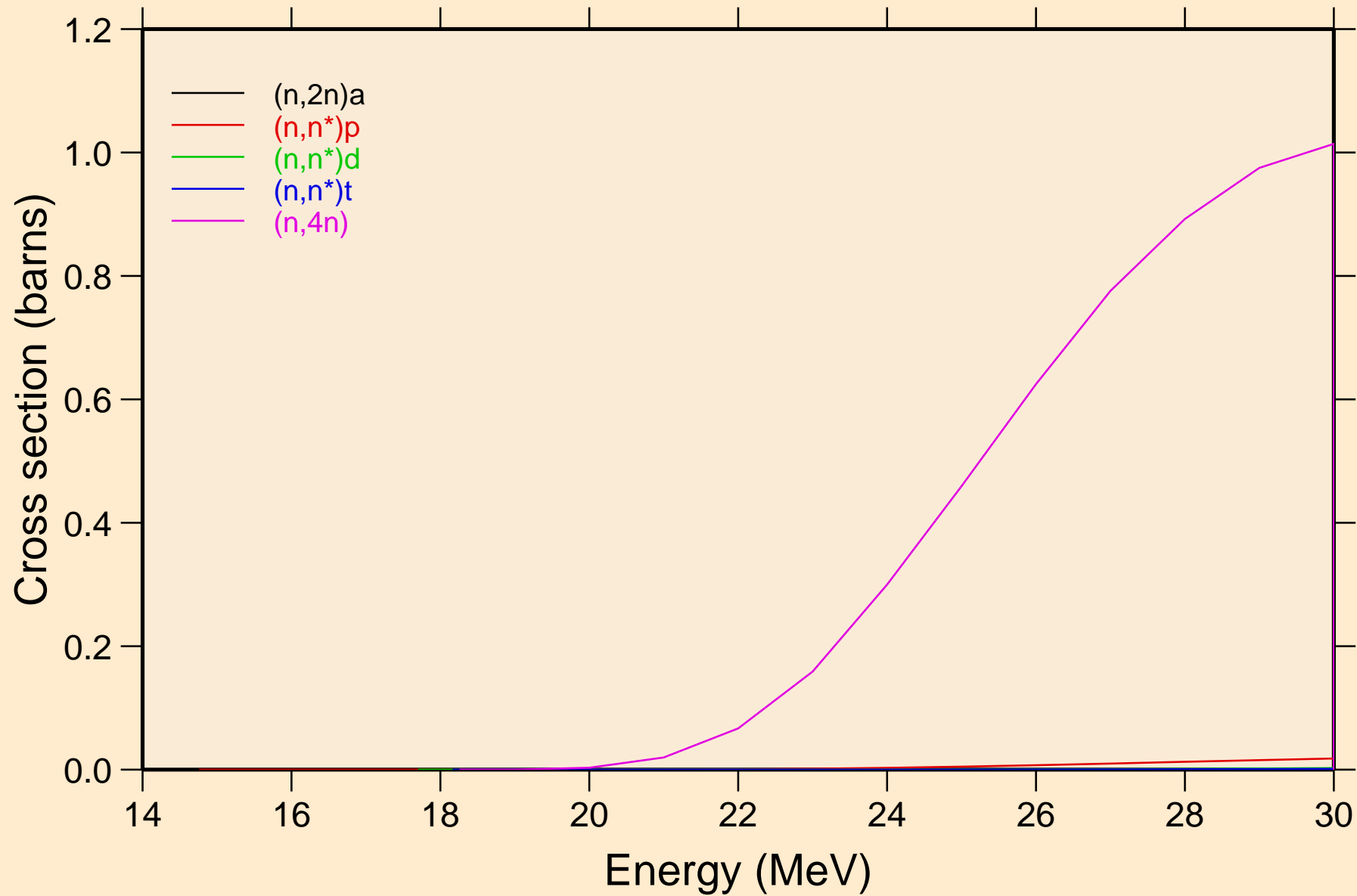
# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



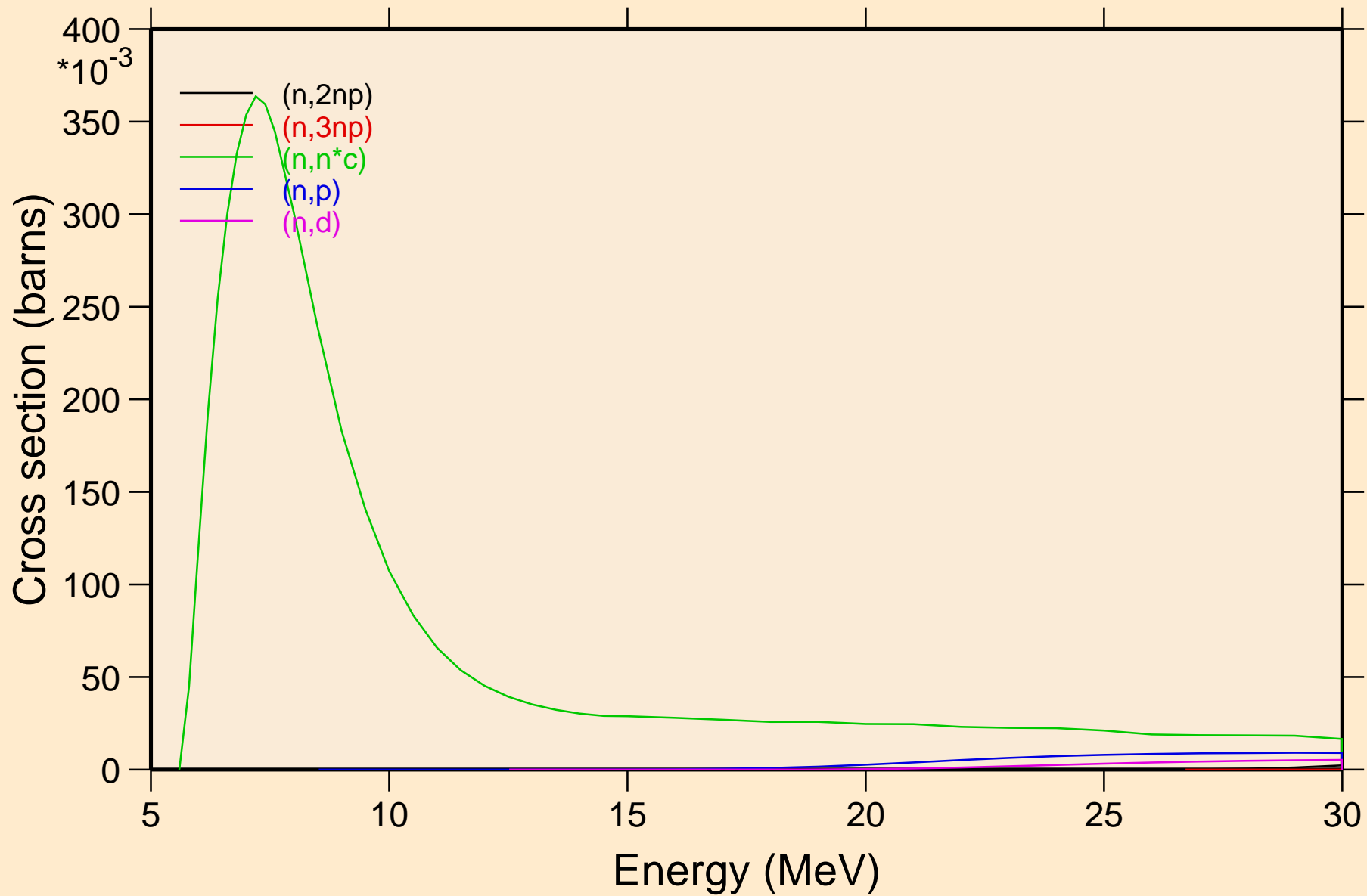
# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

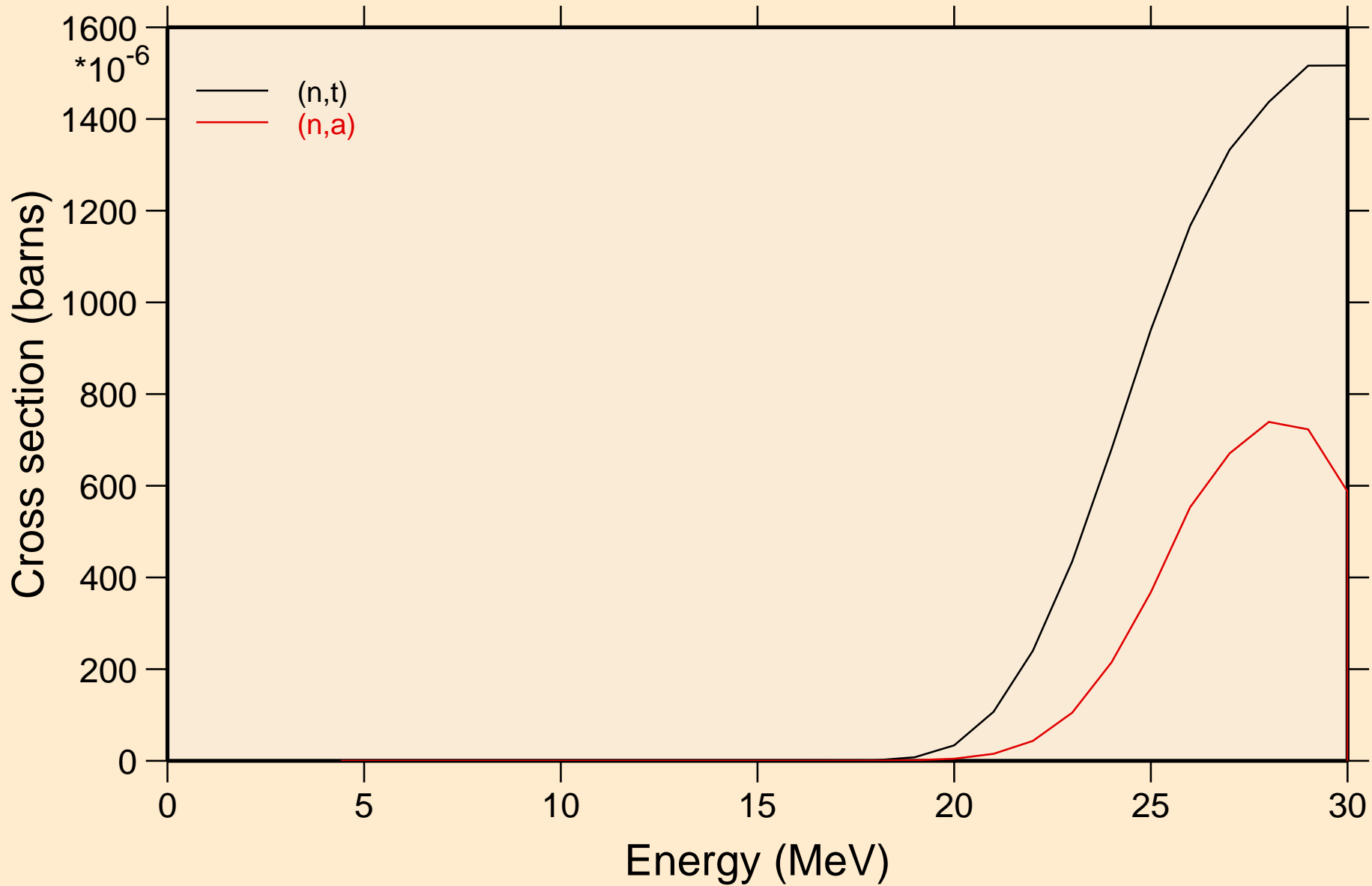


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



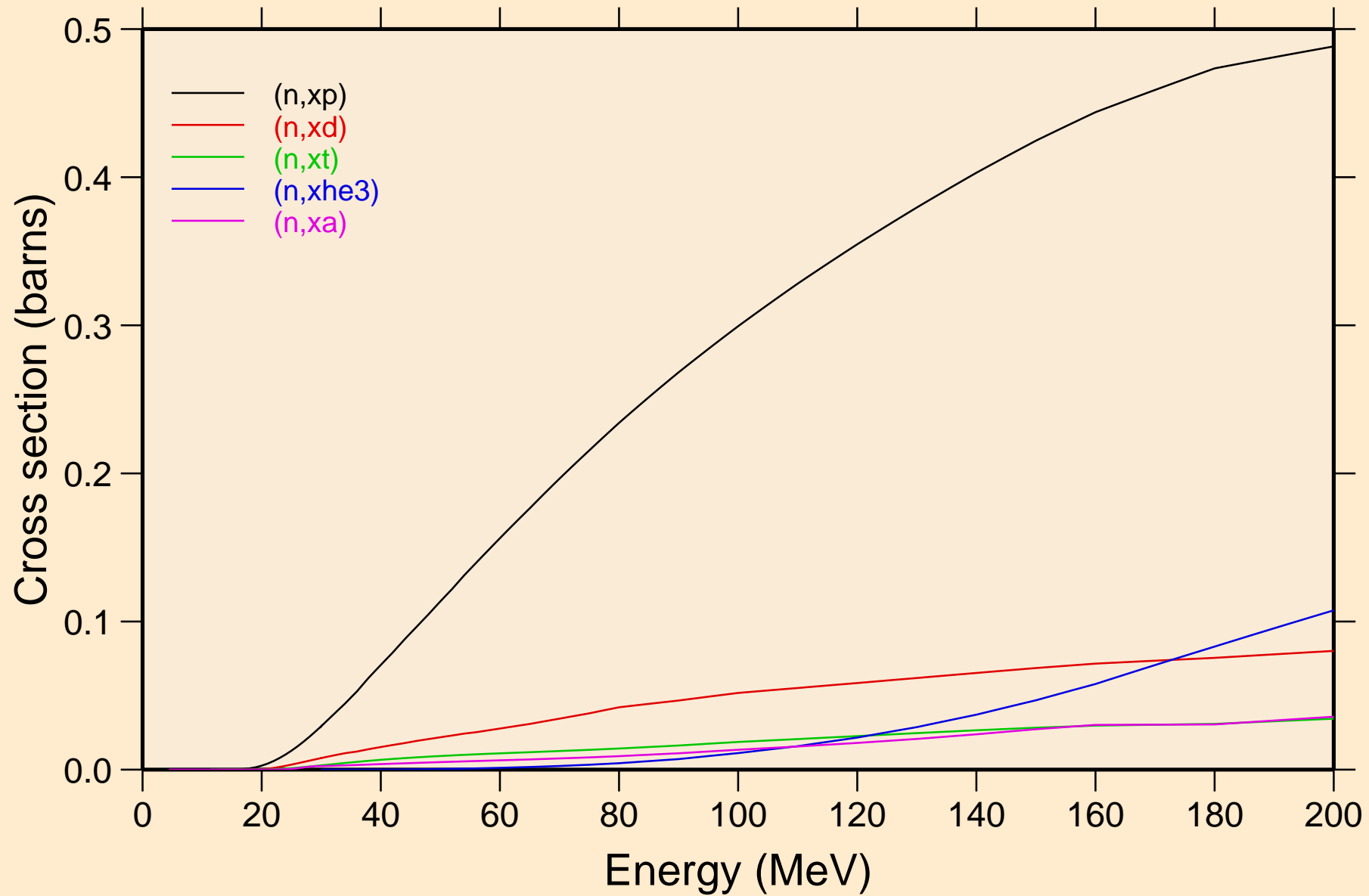
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



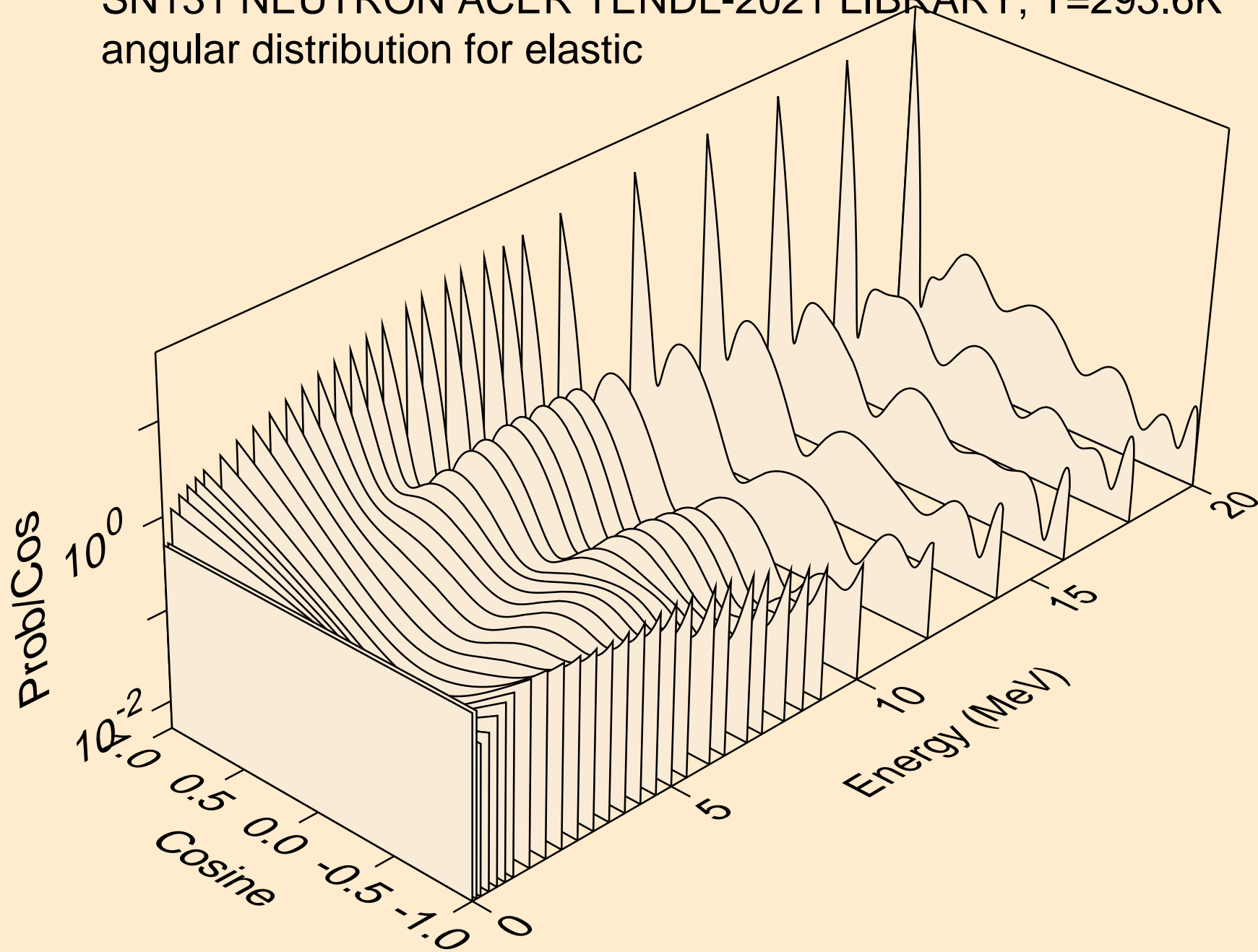


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

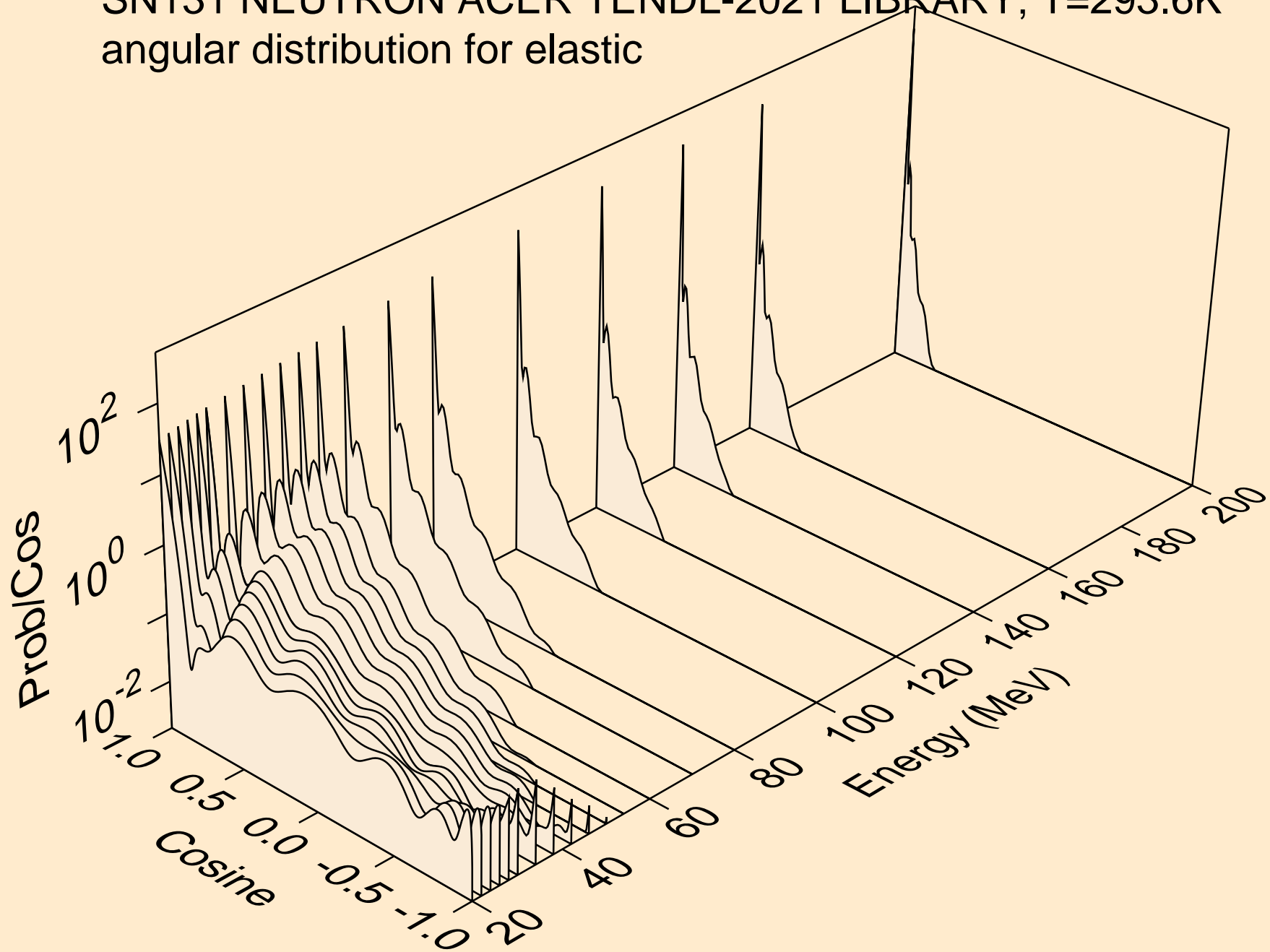
## Threshold reactions



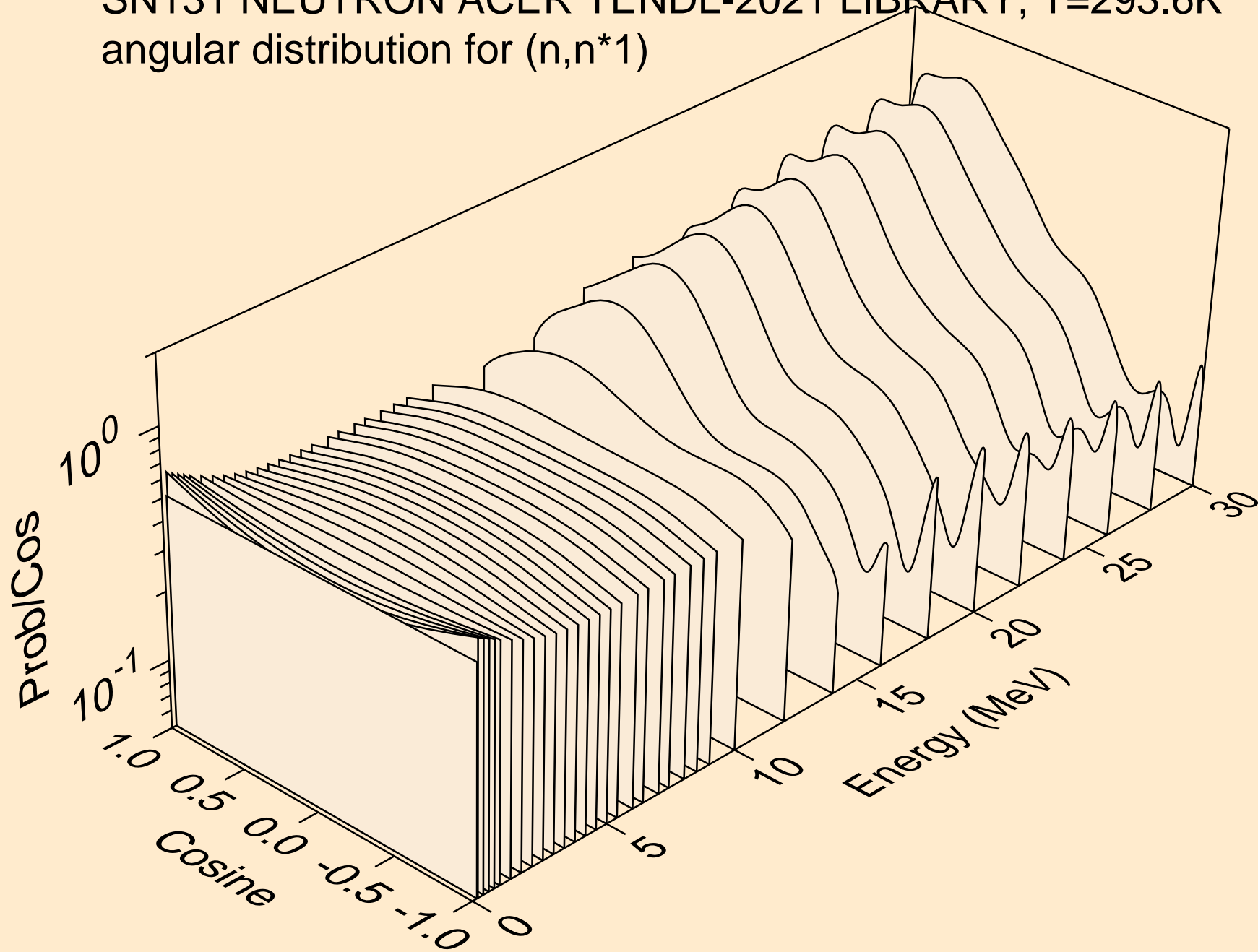
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



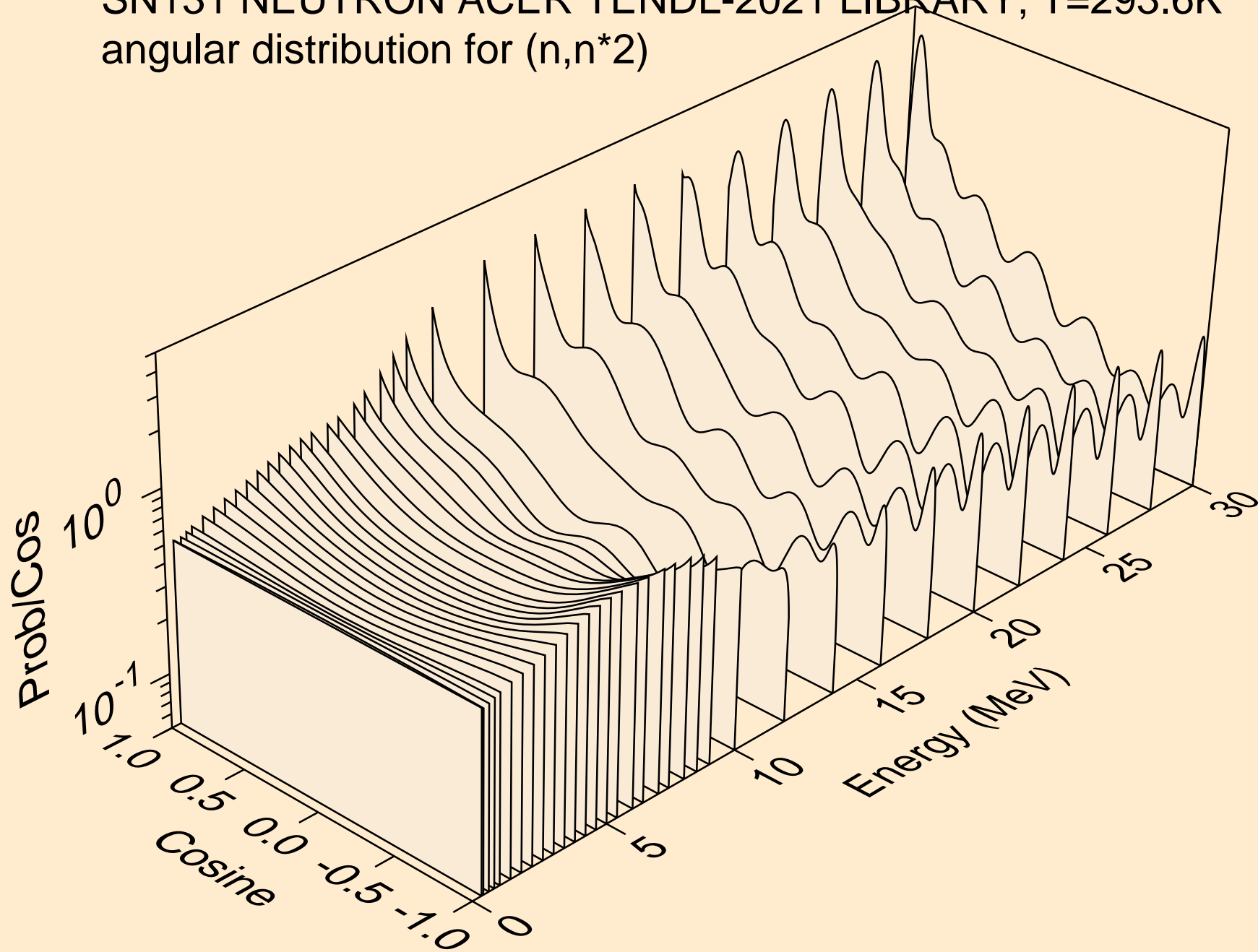
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



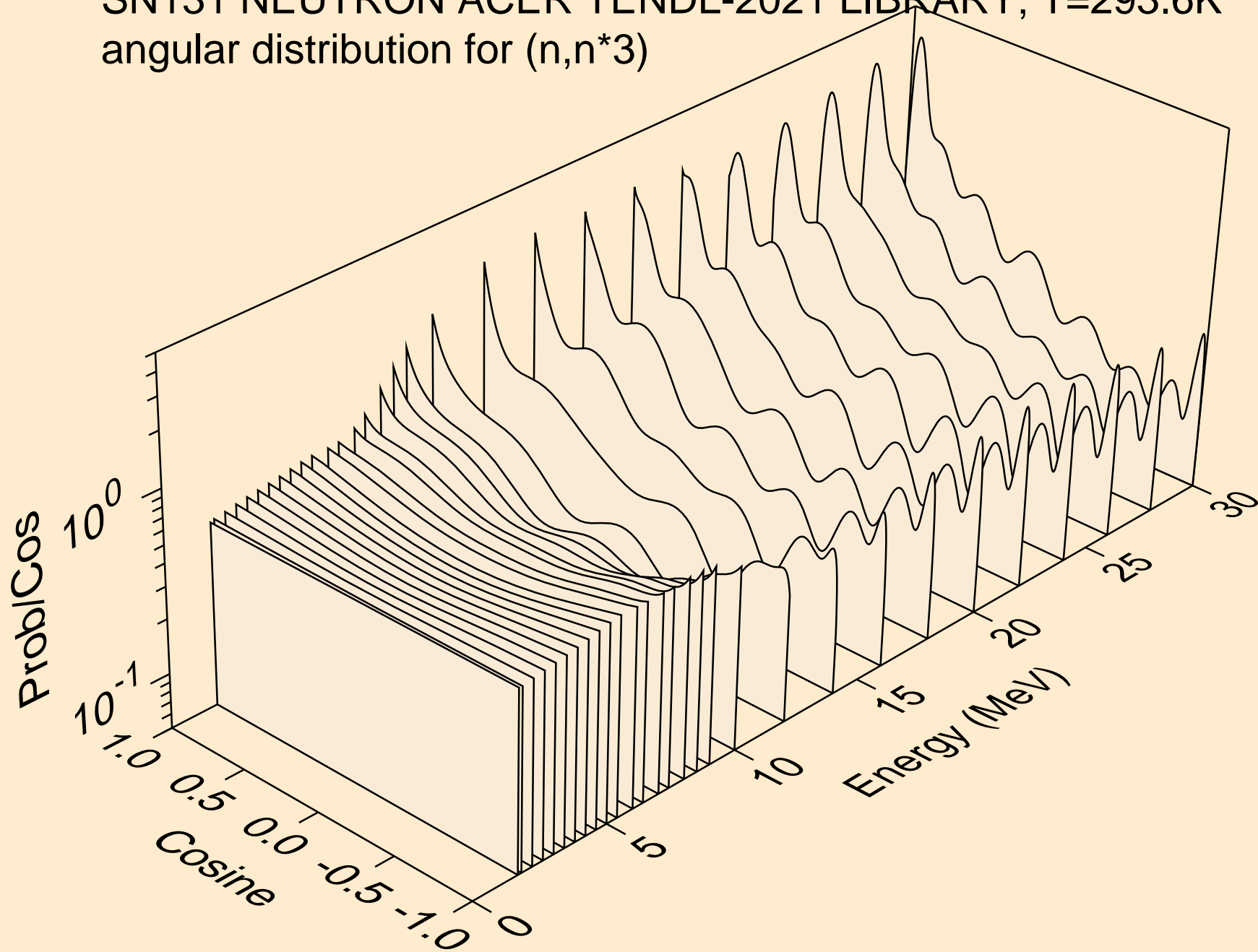
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



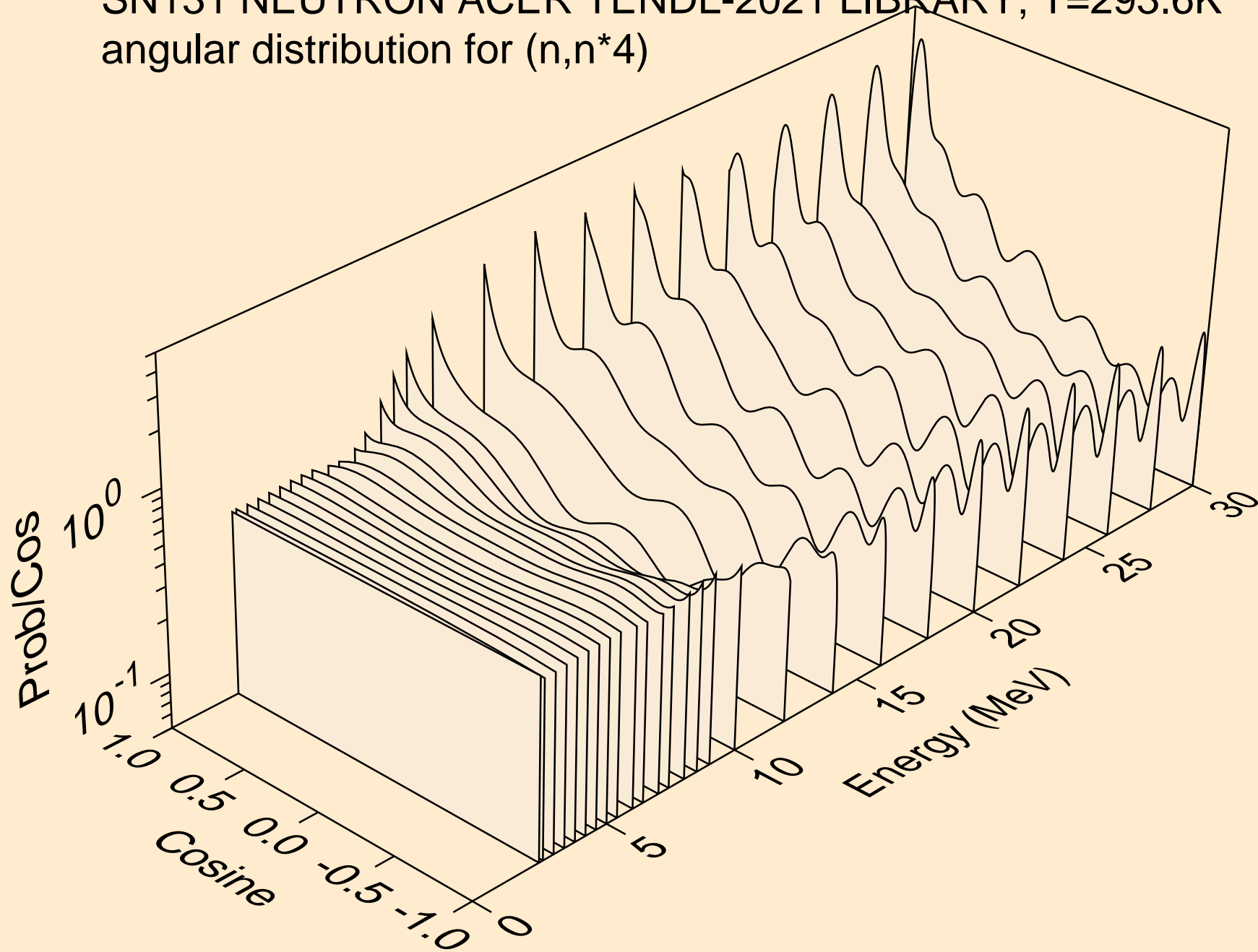
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



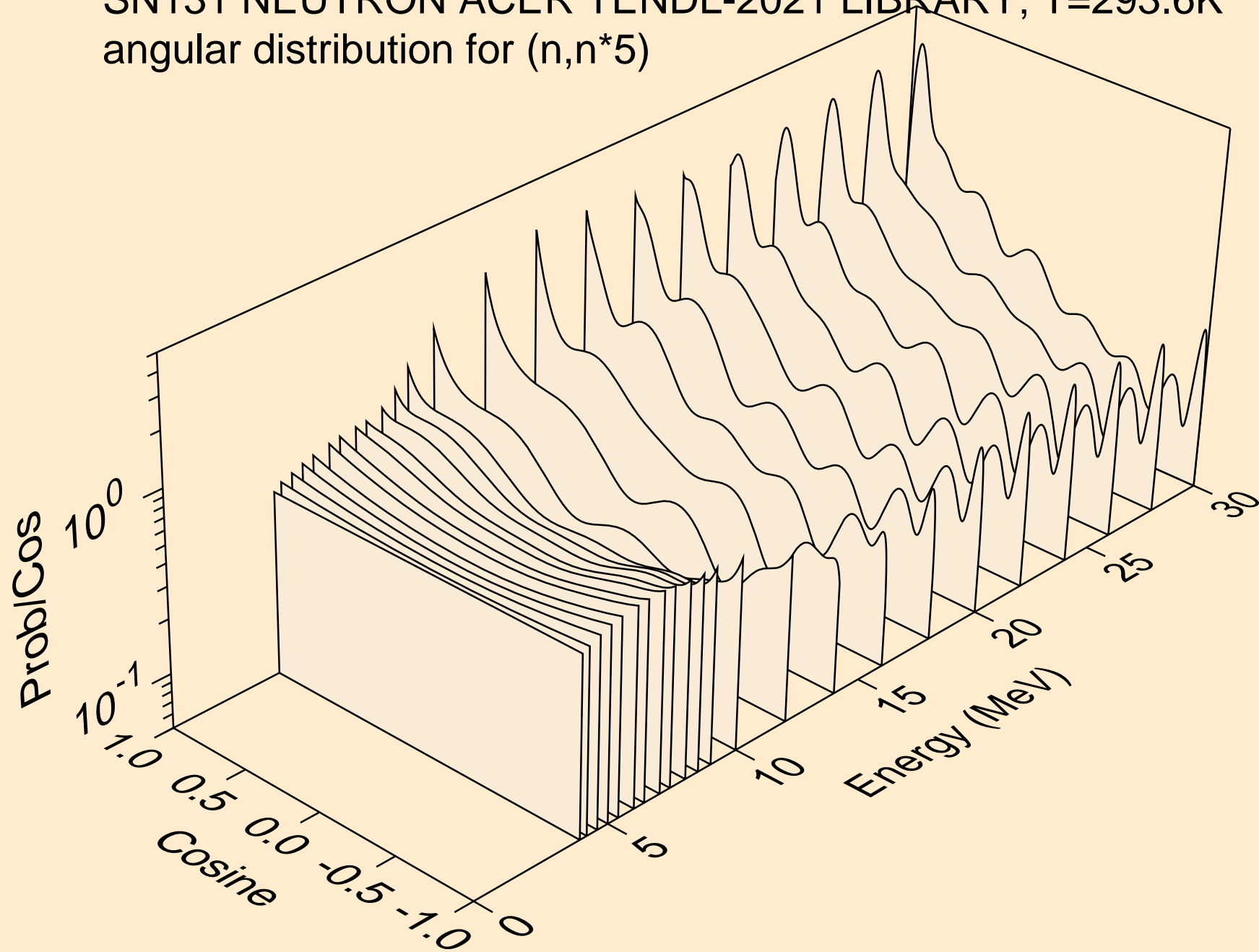
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

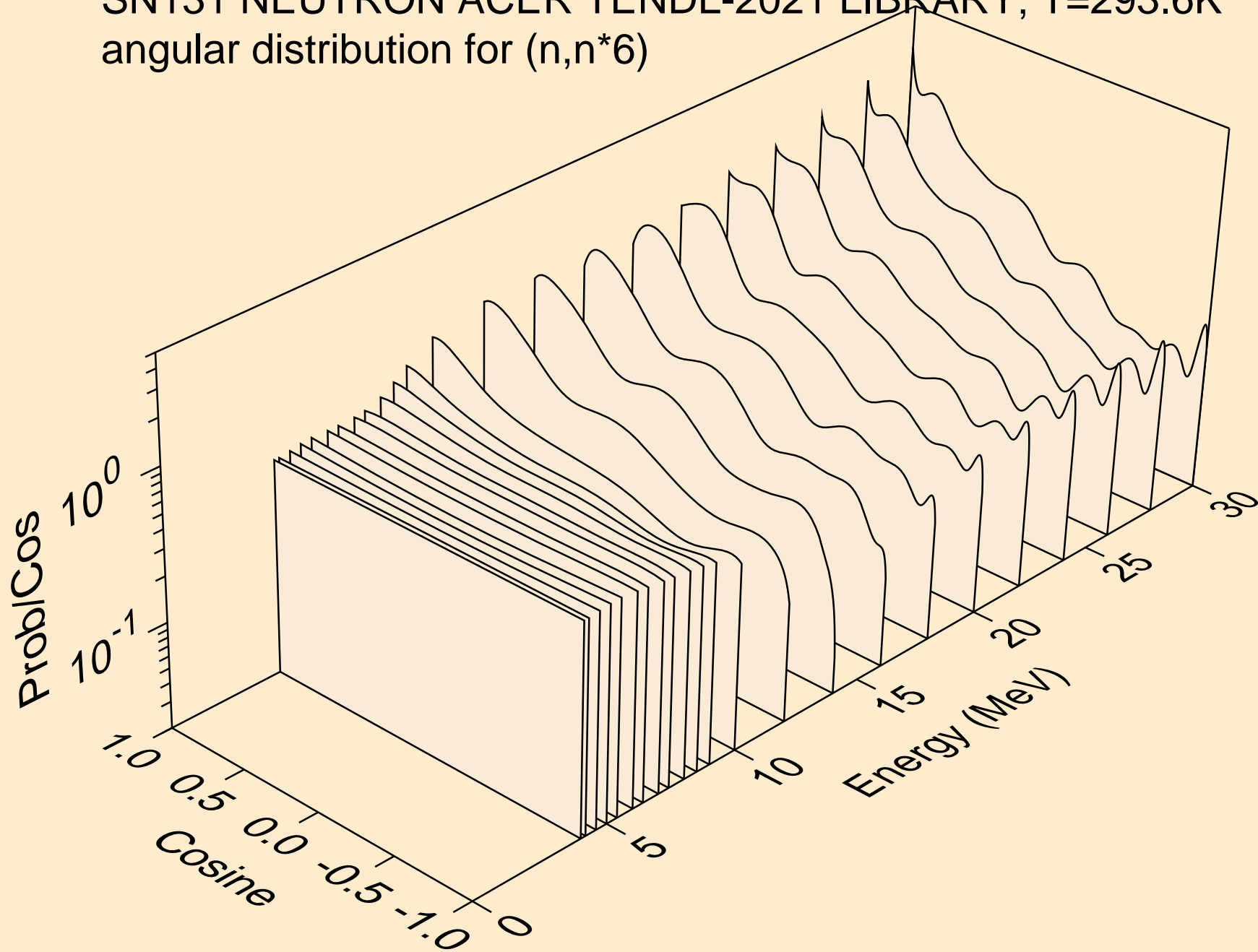


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

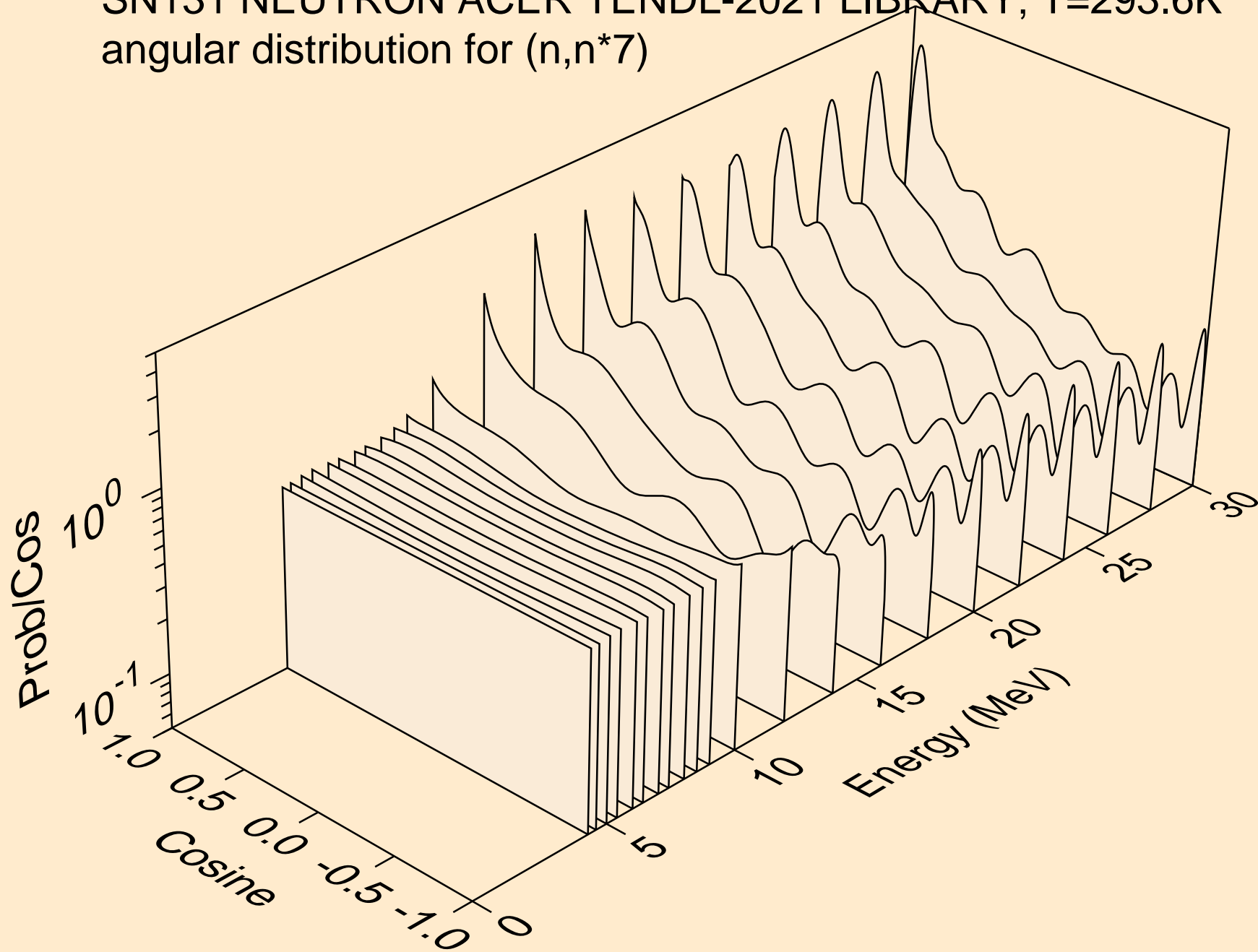




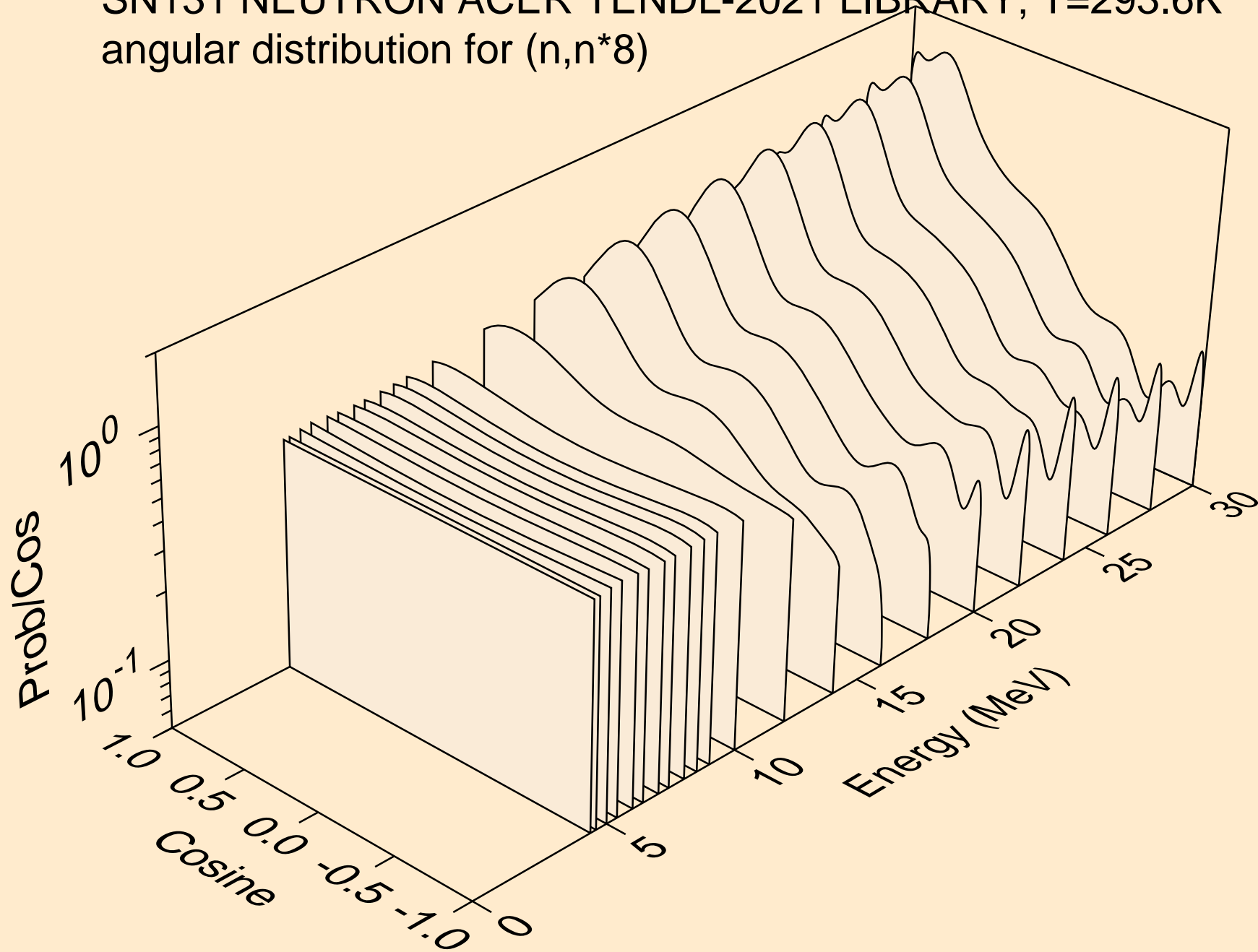
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



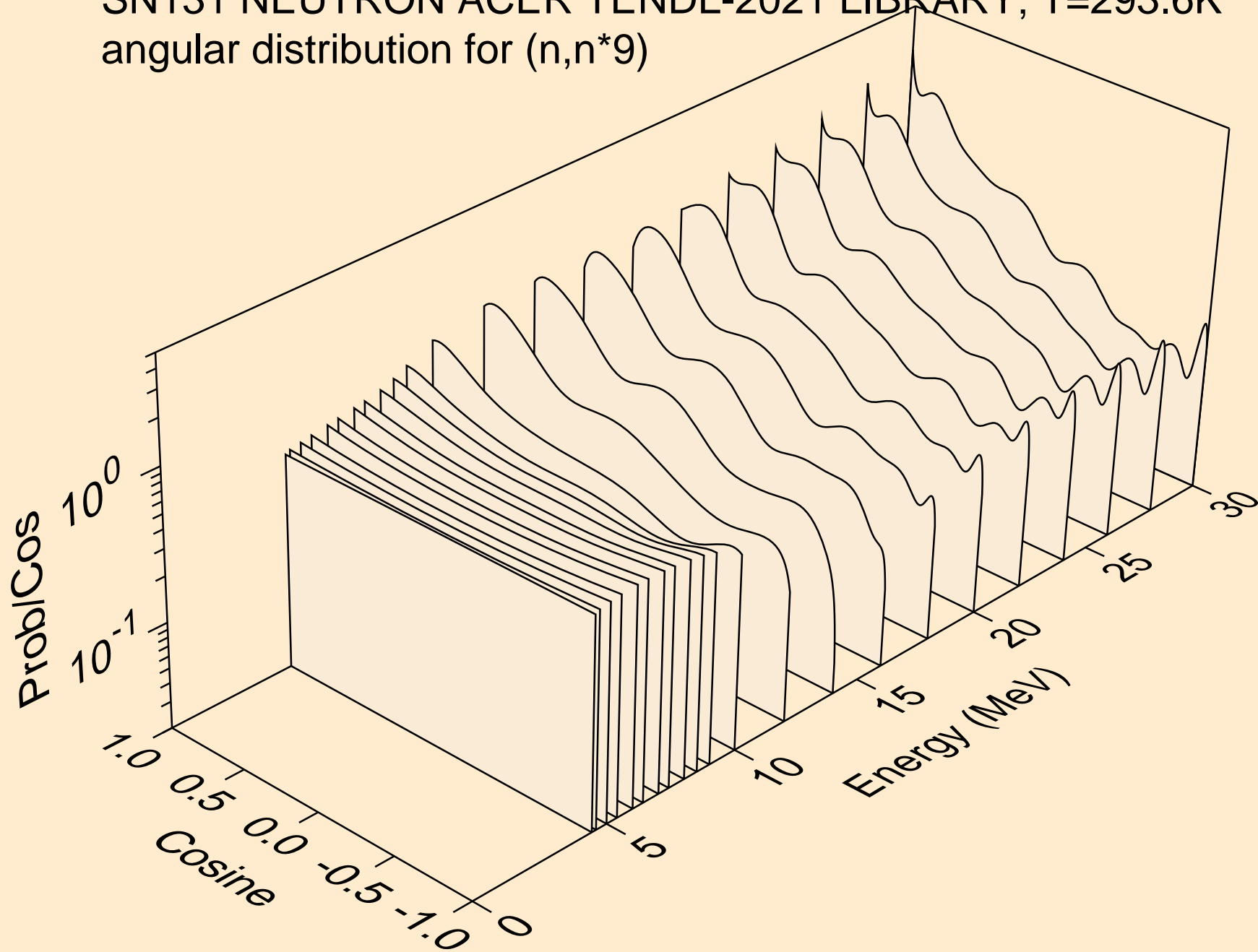
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



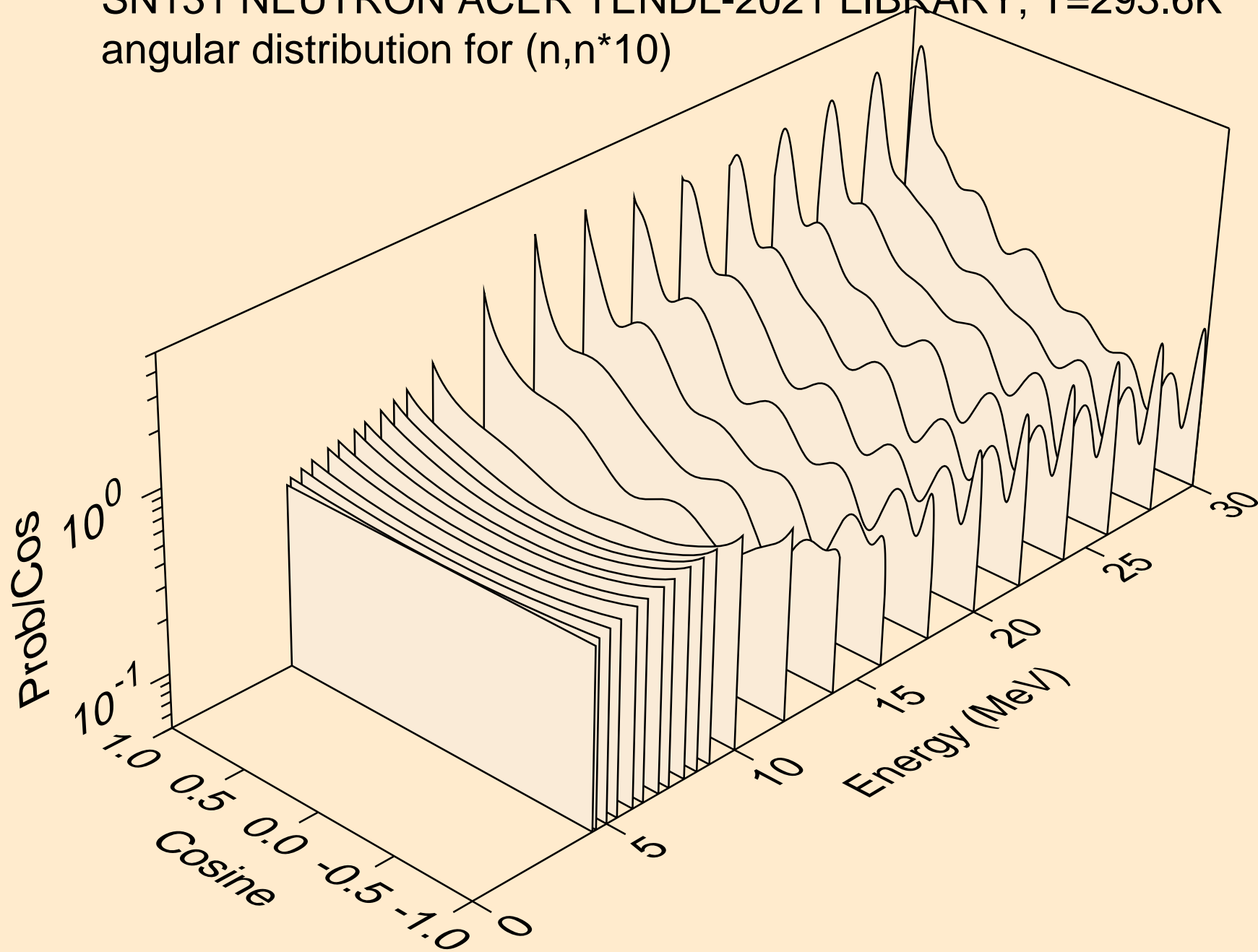
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



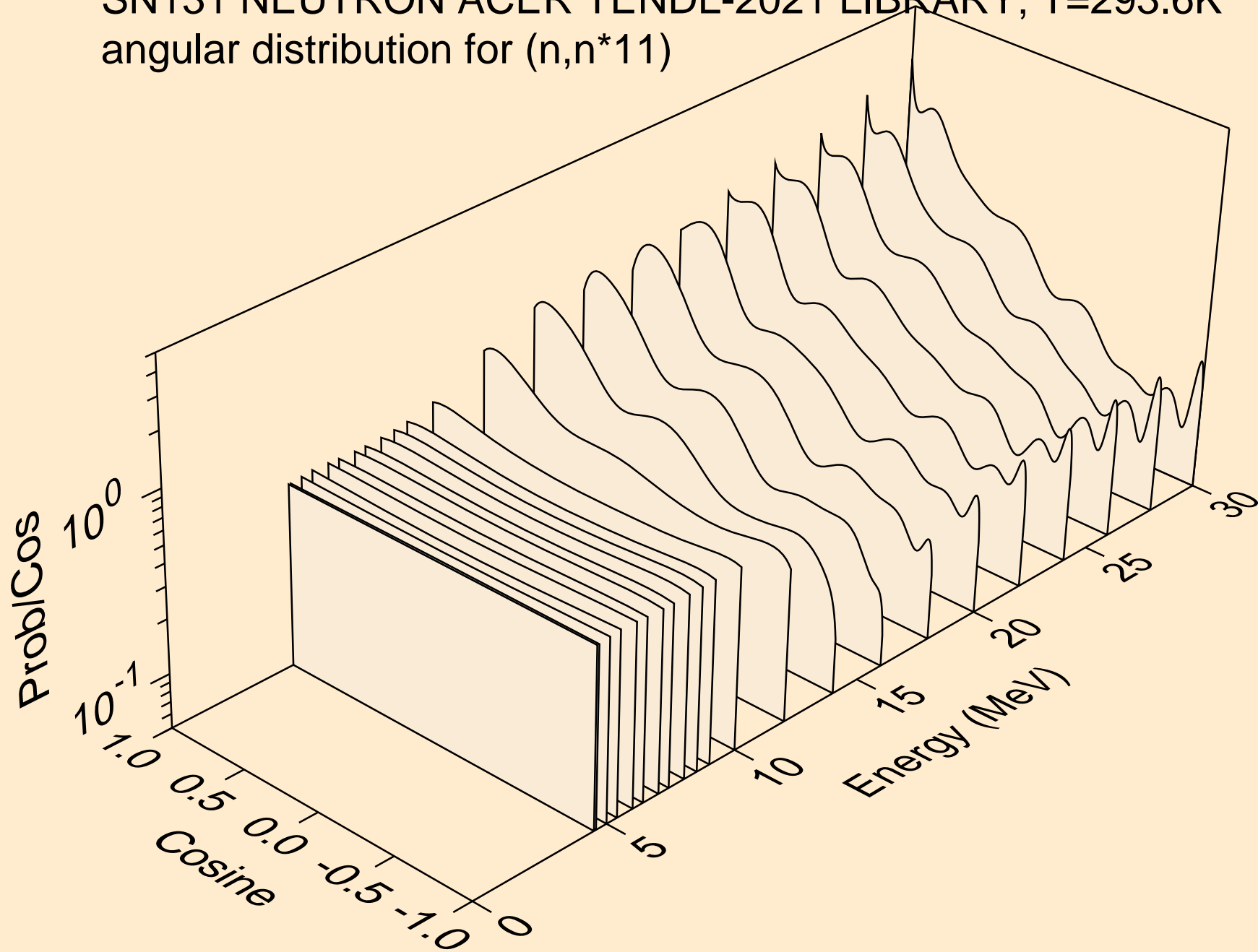
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



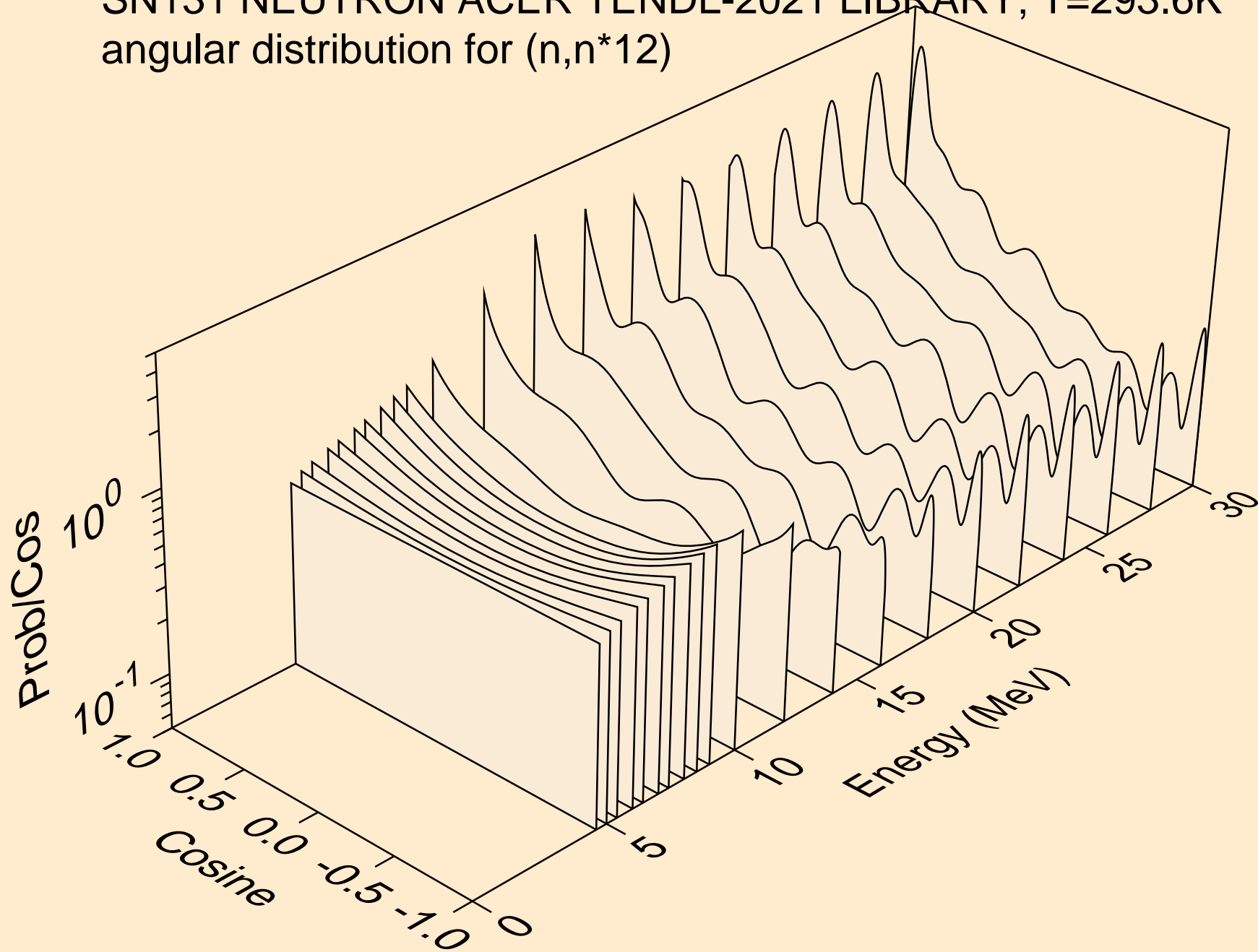
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



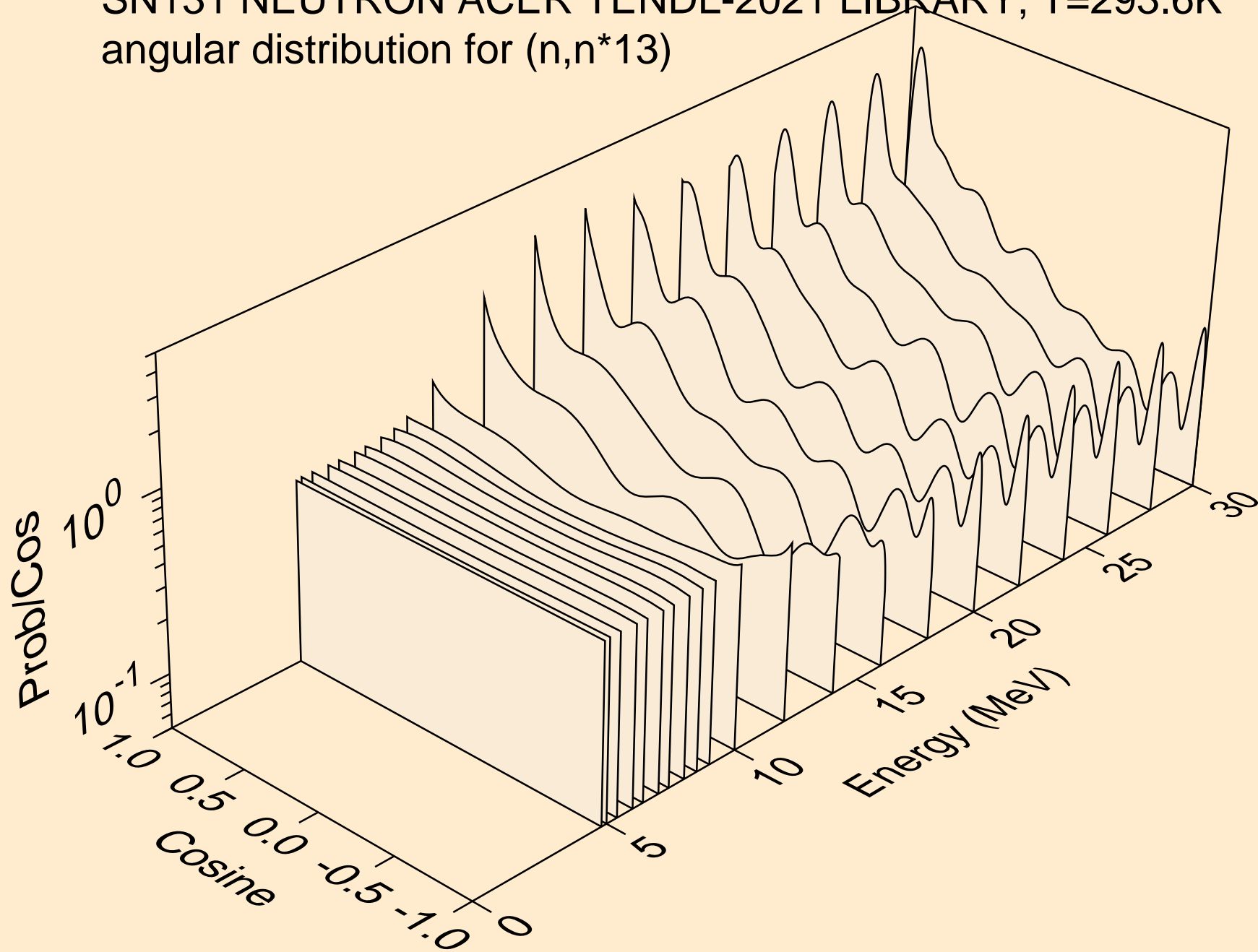
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)

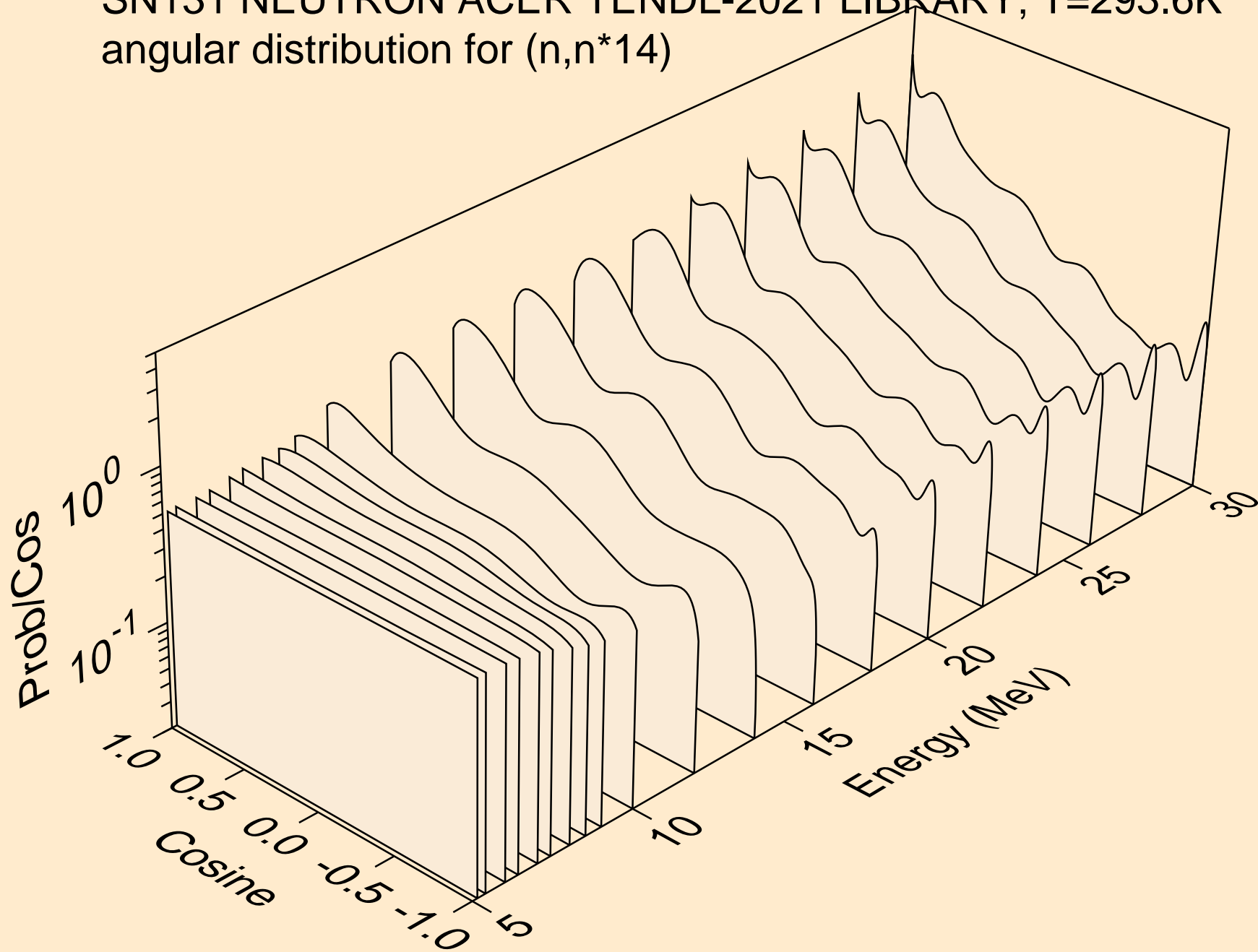


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

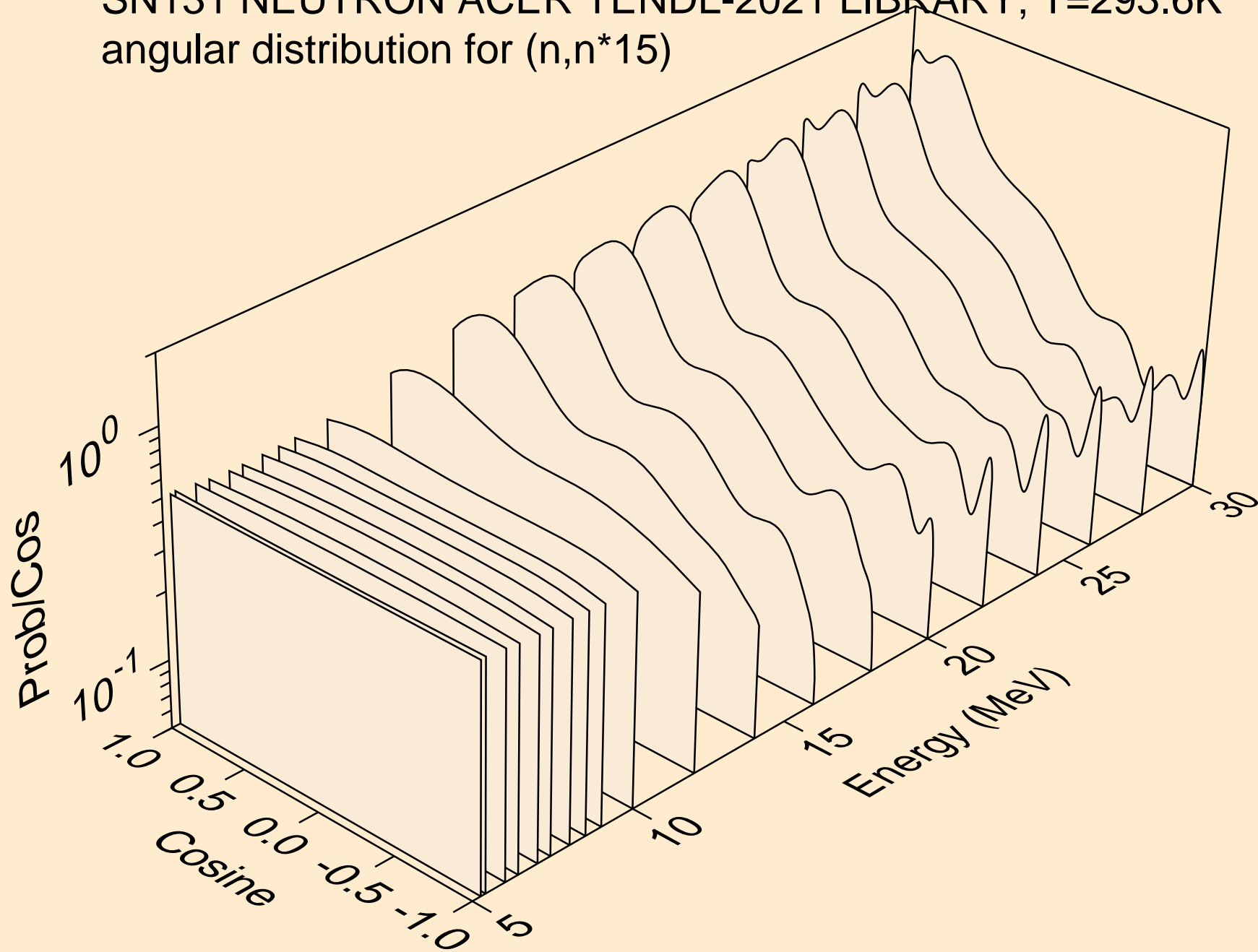




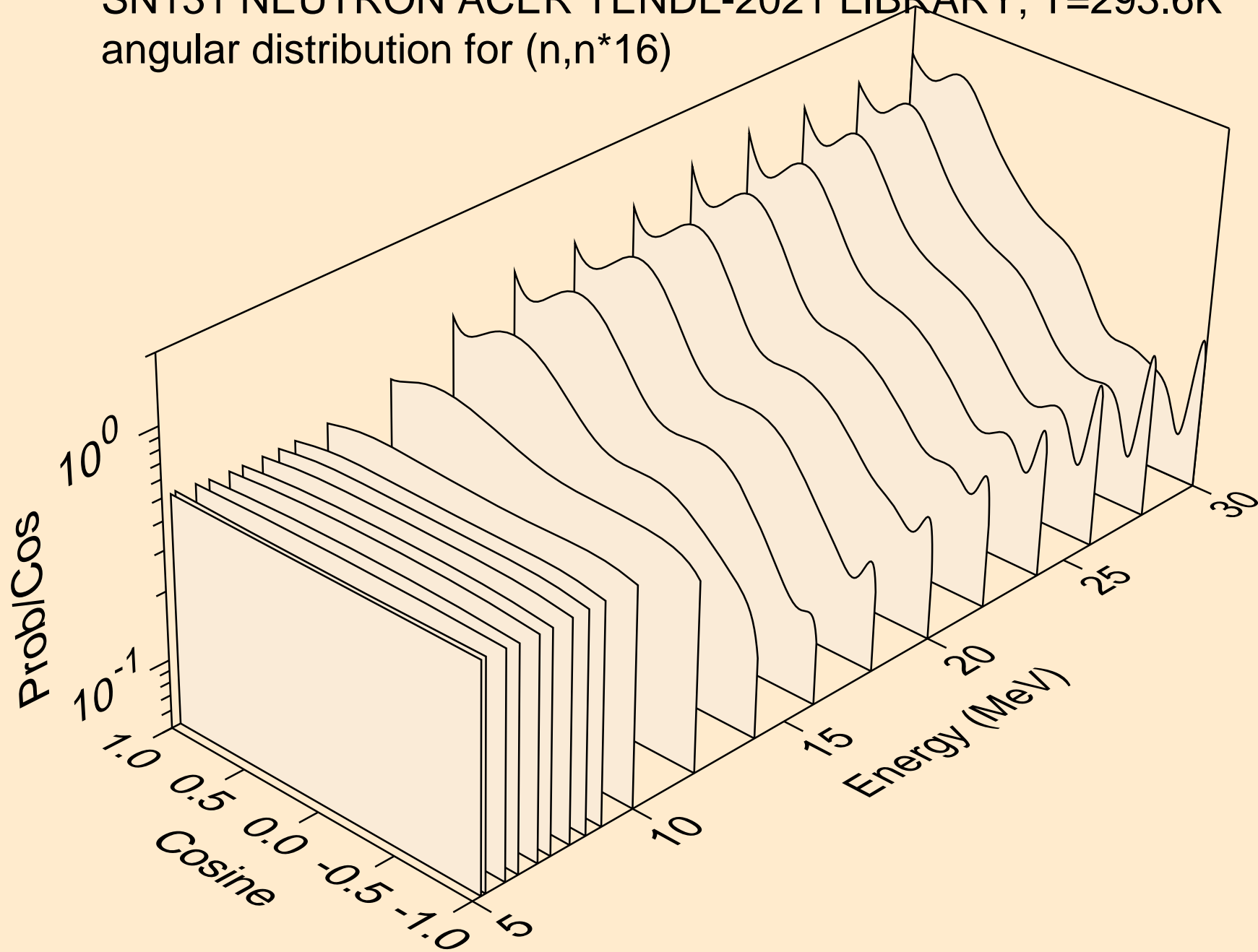
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



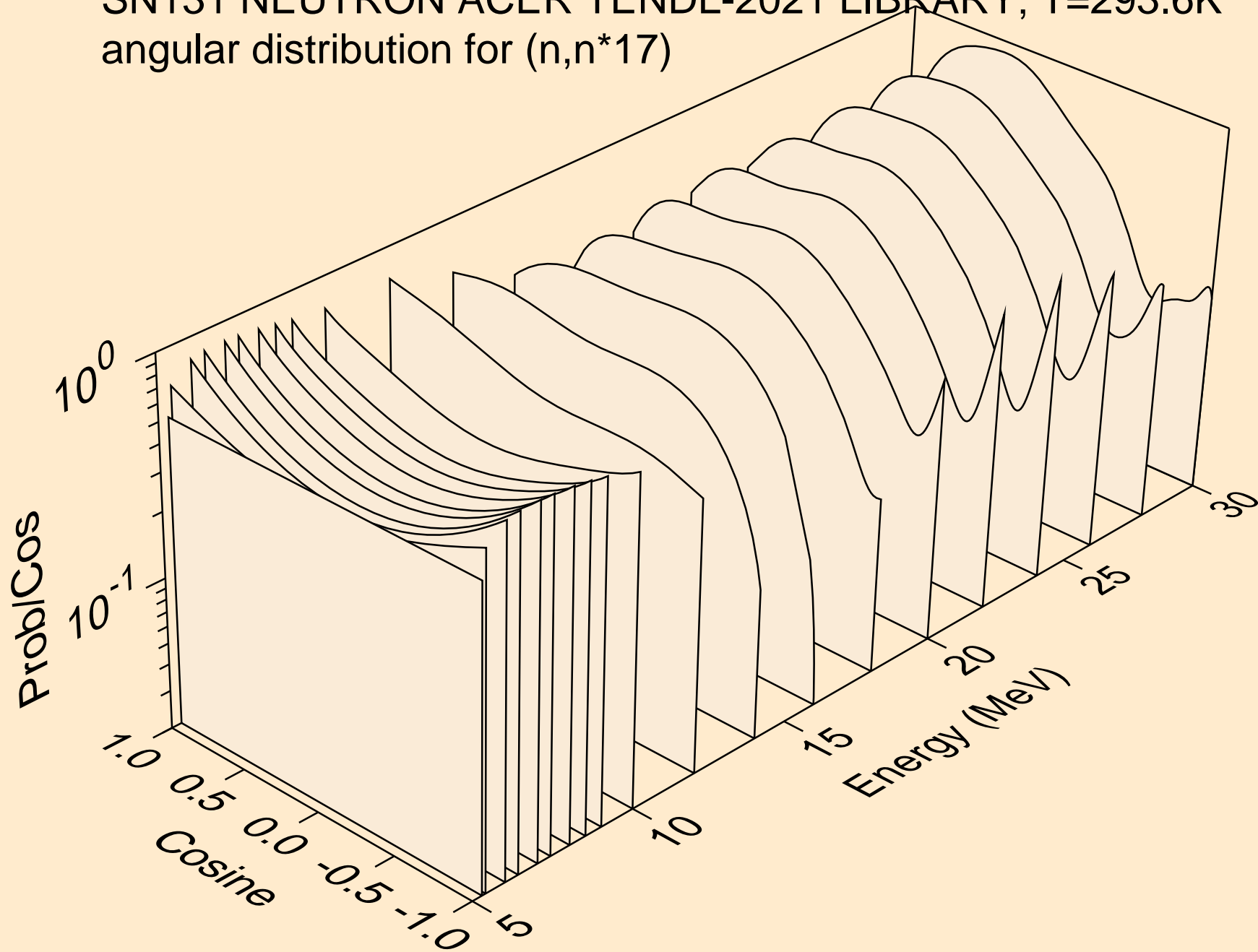
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



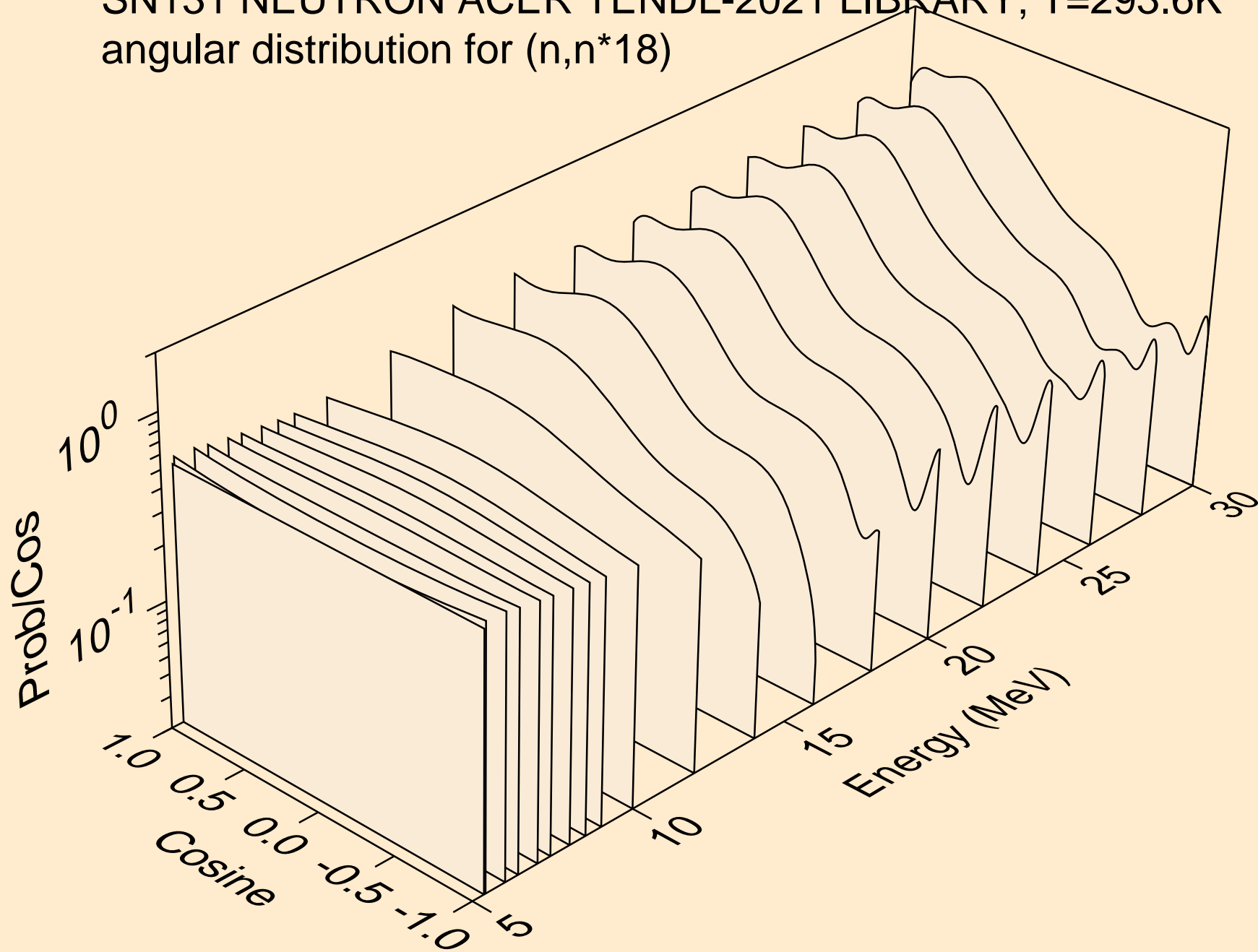
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



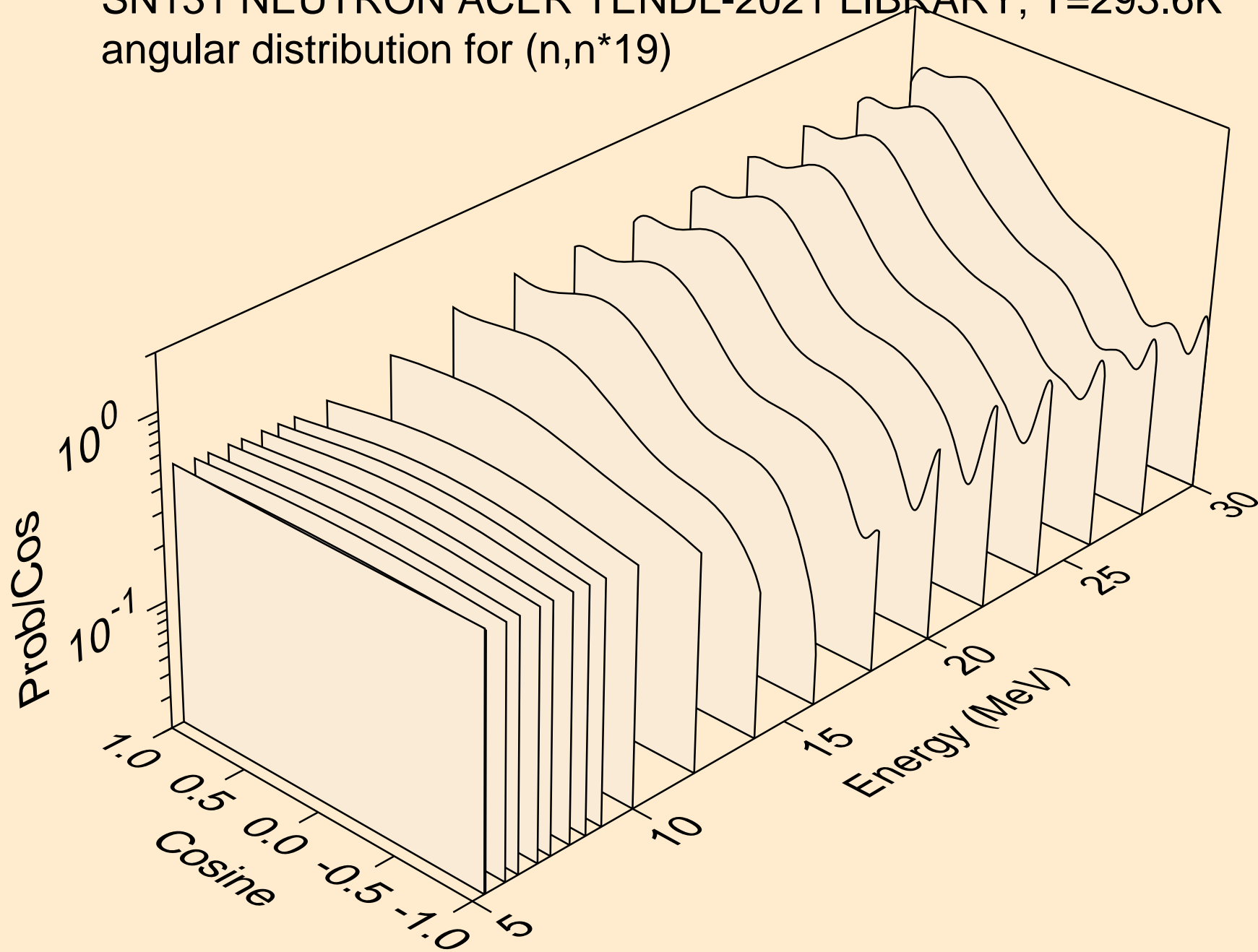
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



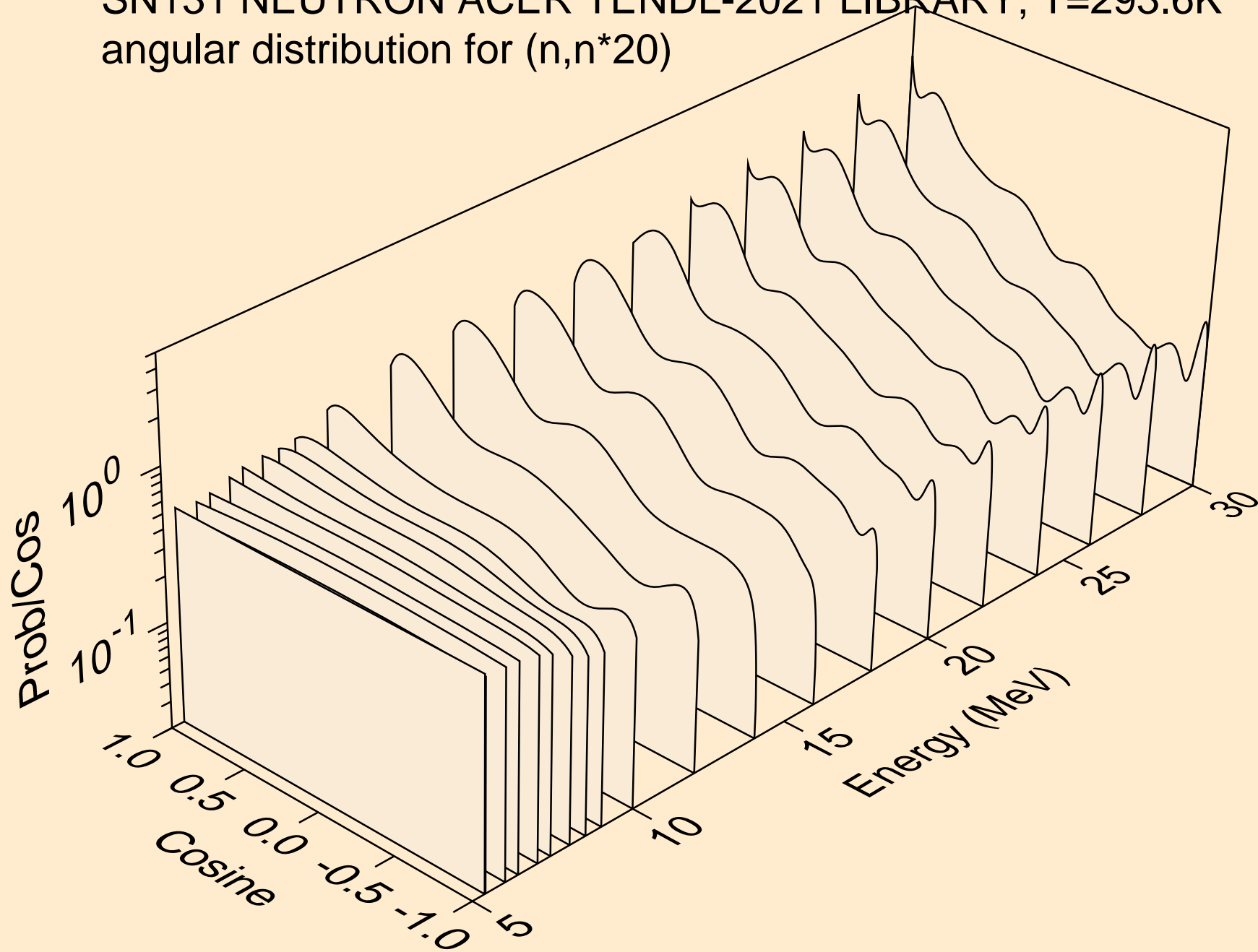
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



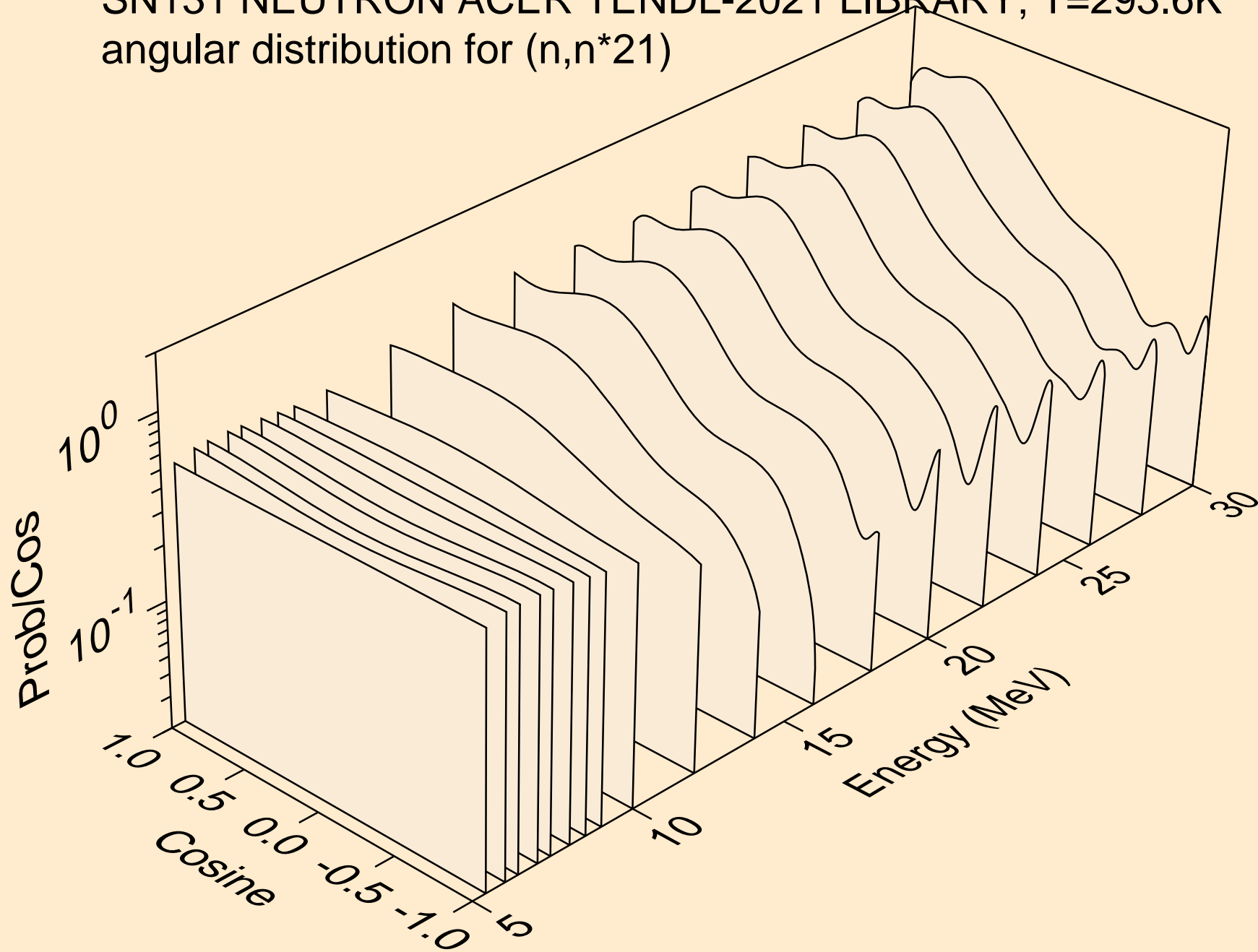
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)

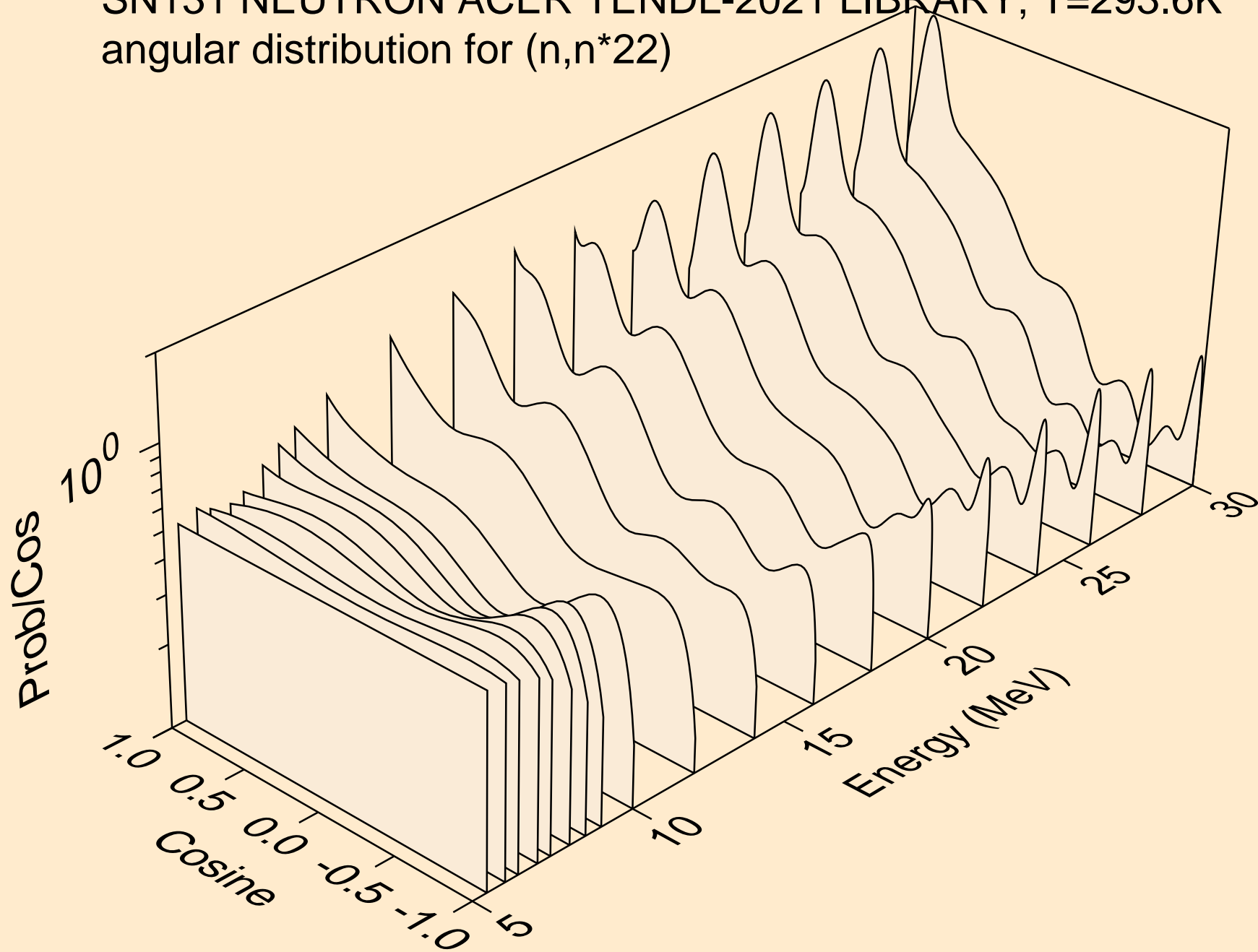


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

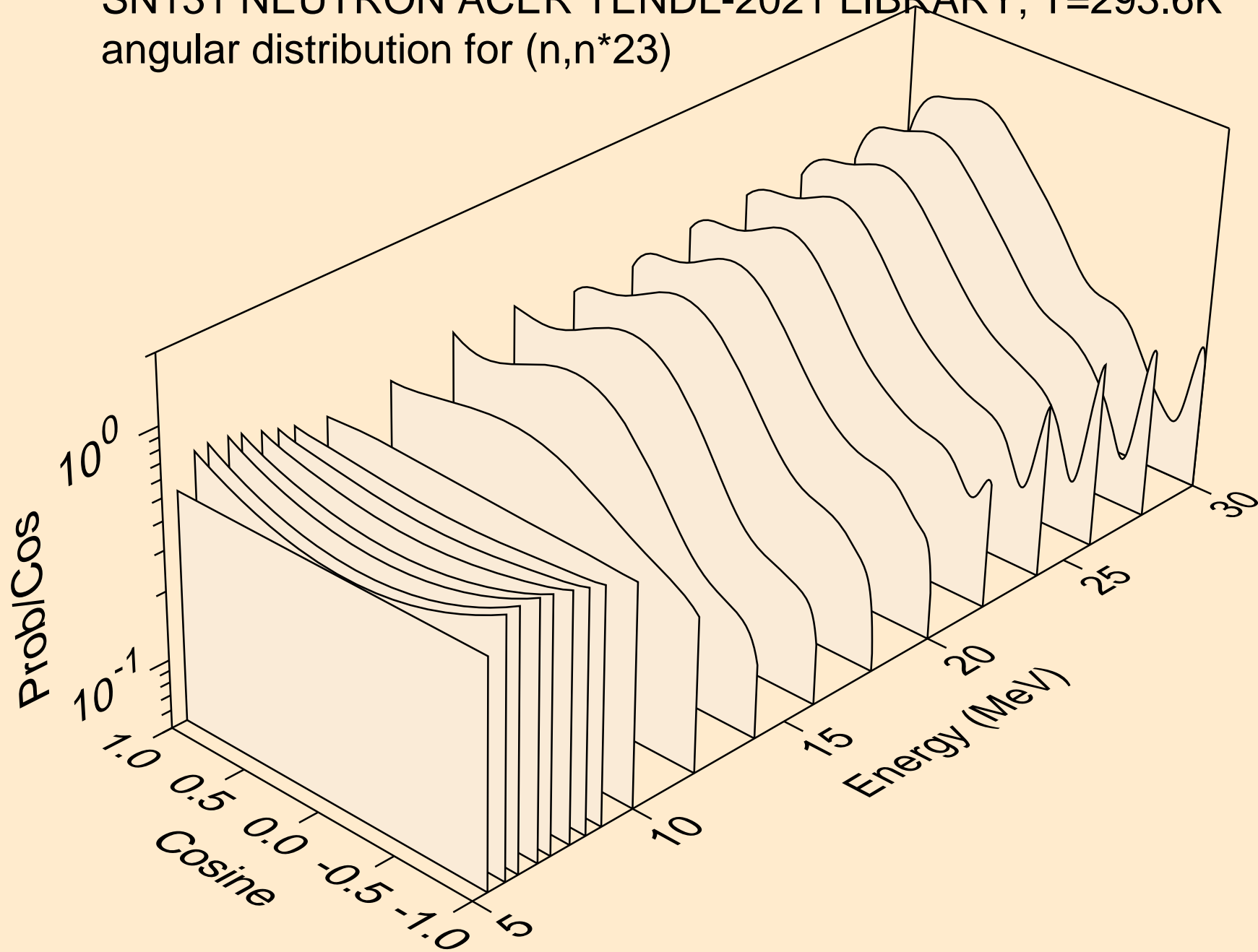




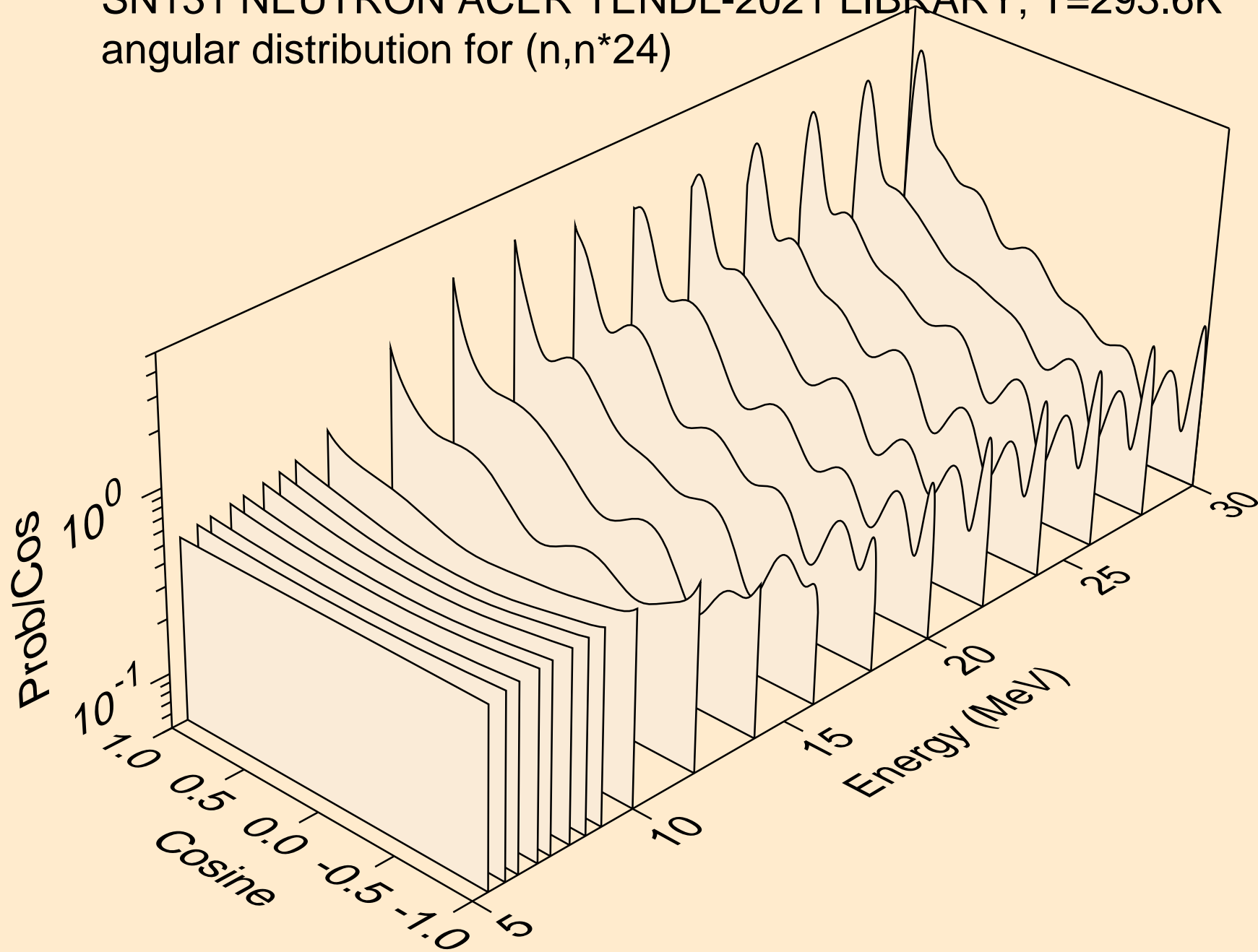
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



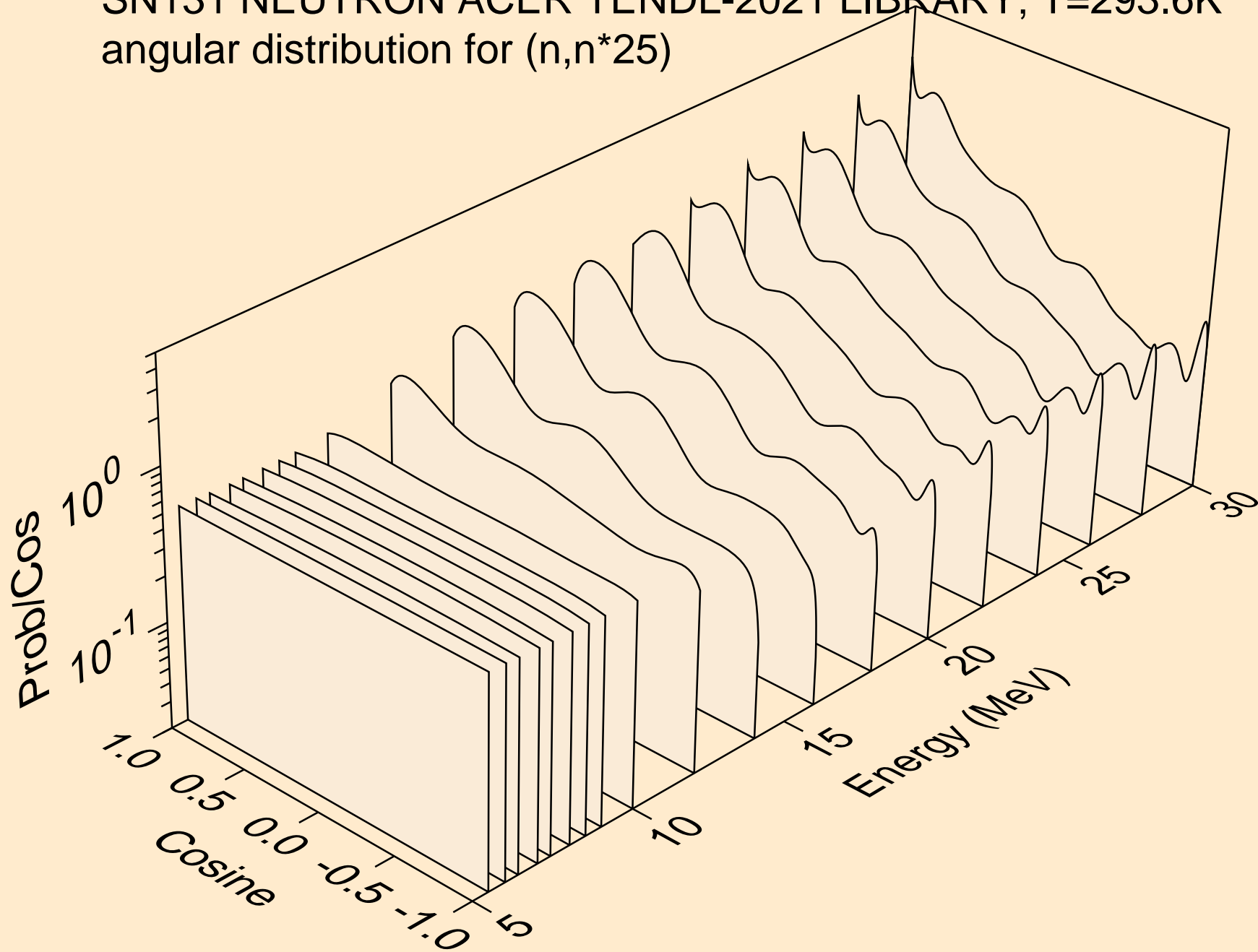
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



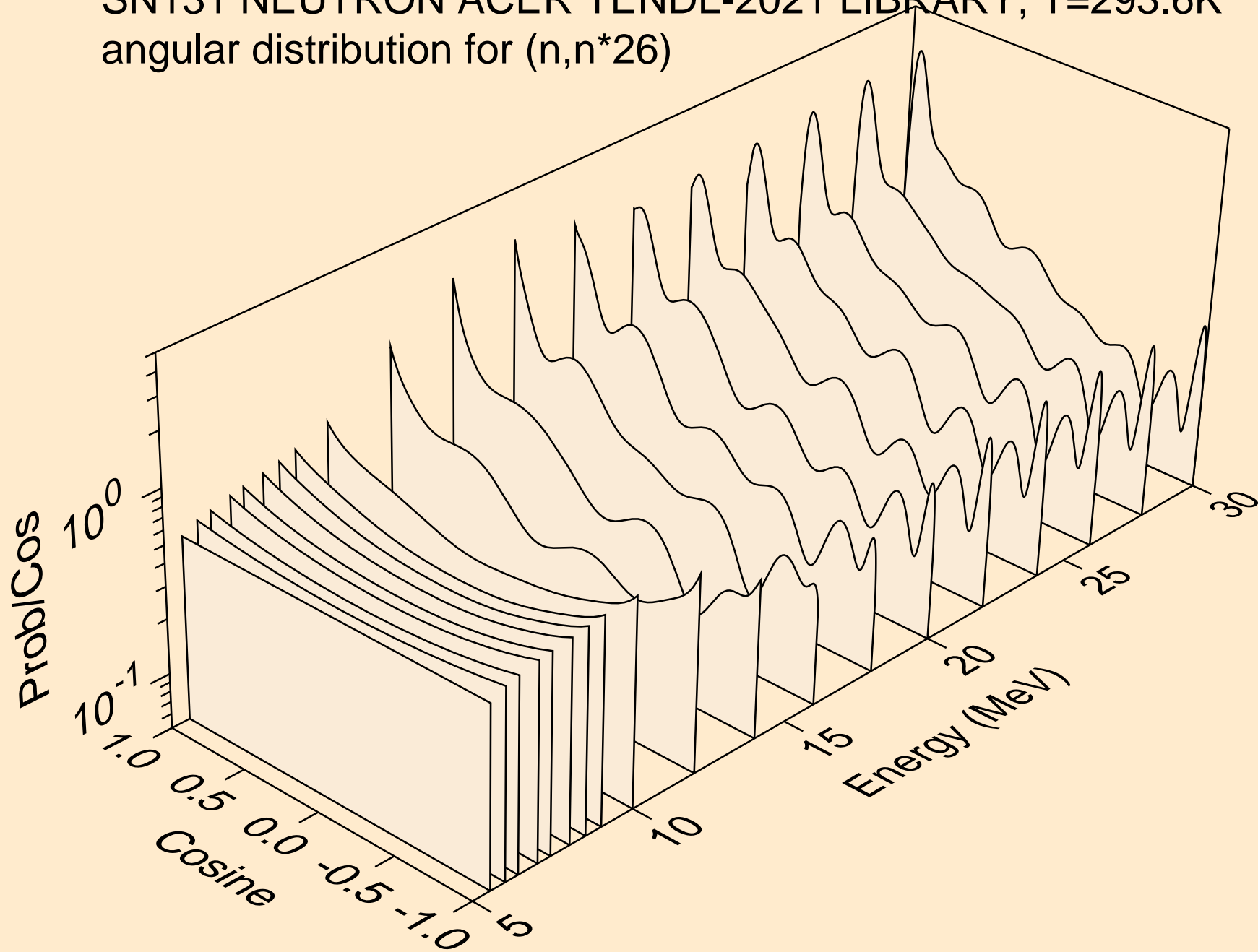
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



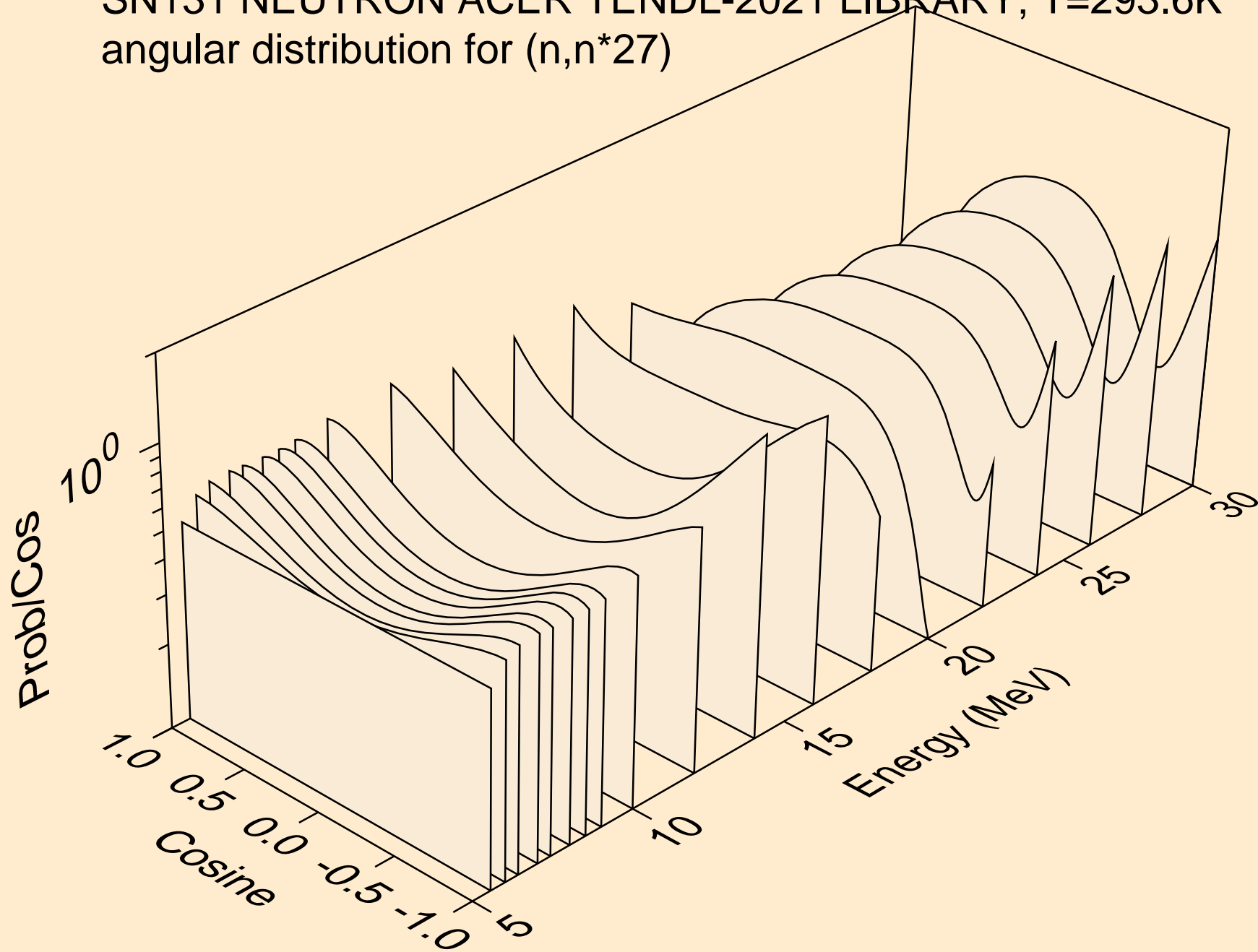
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



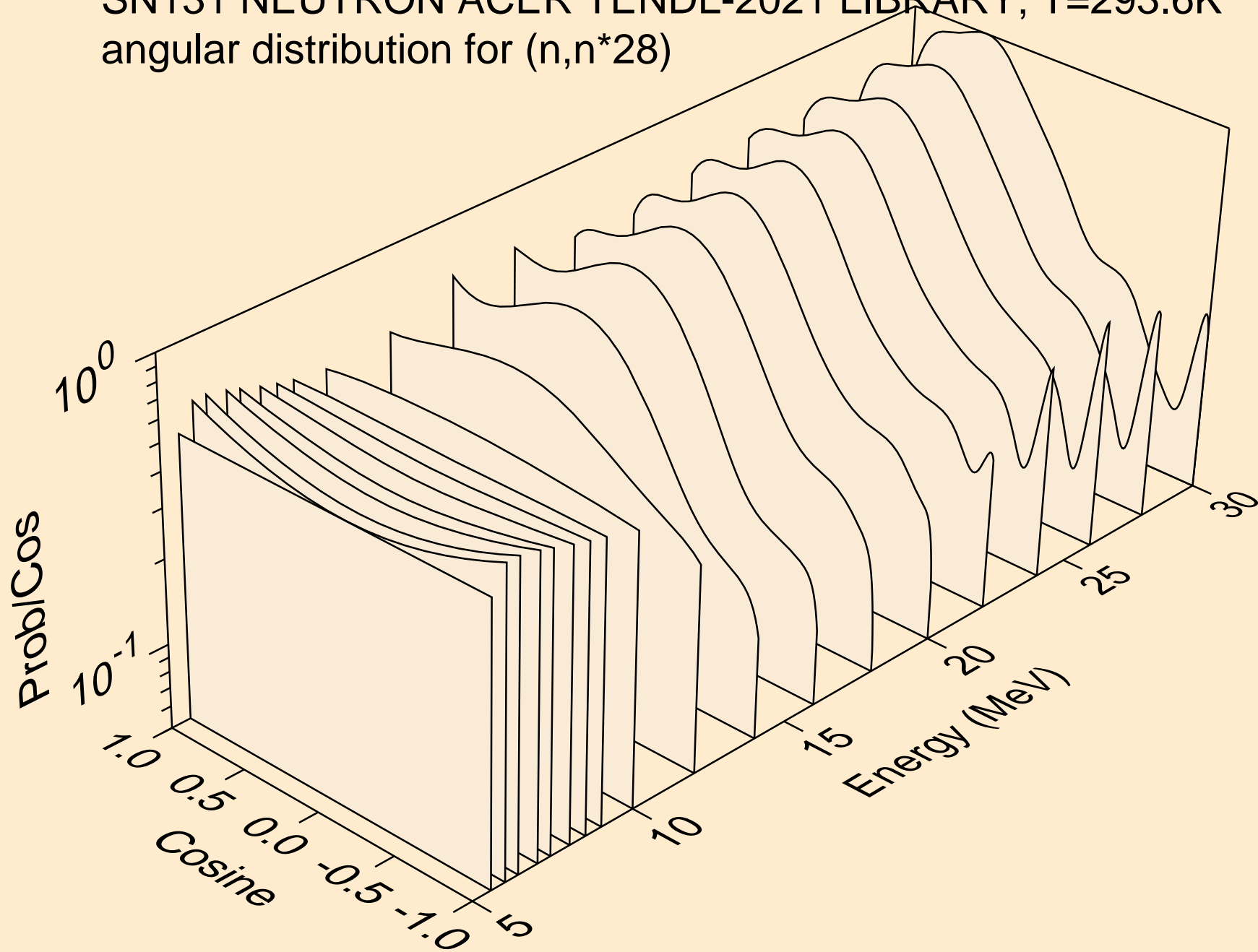
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



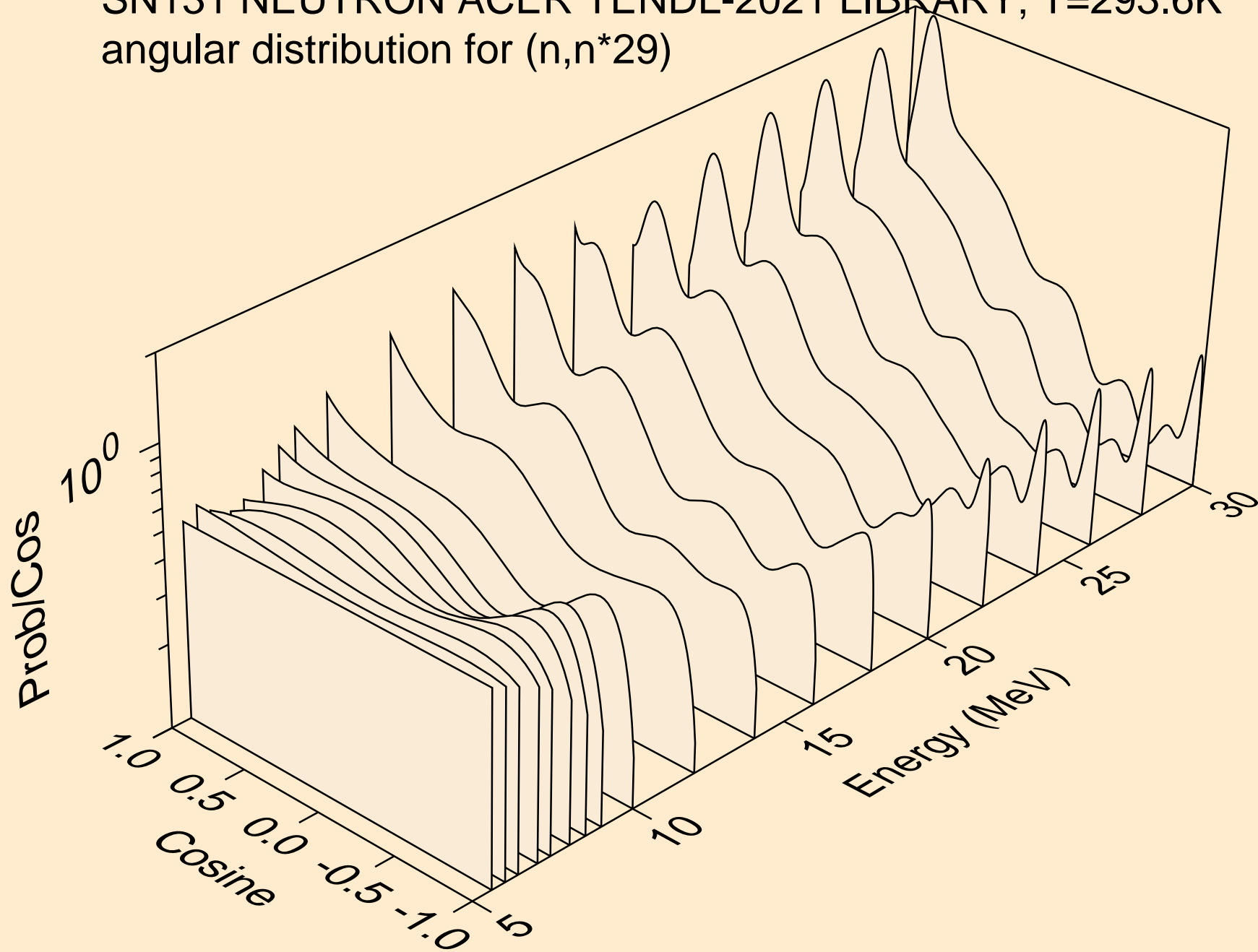
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)

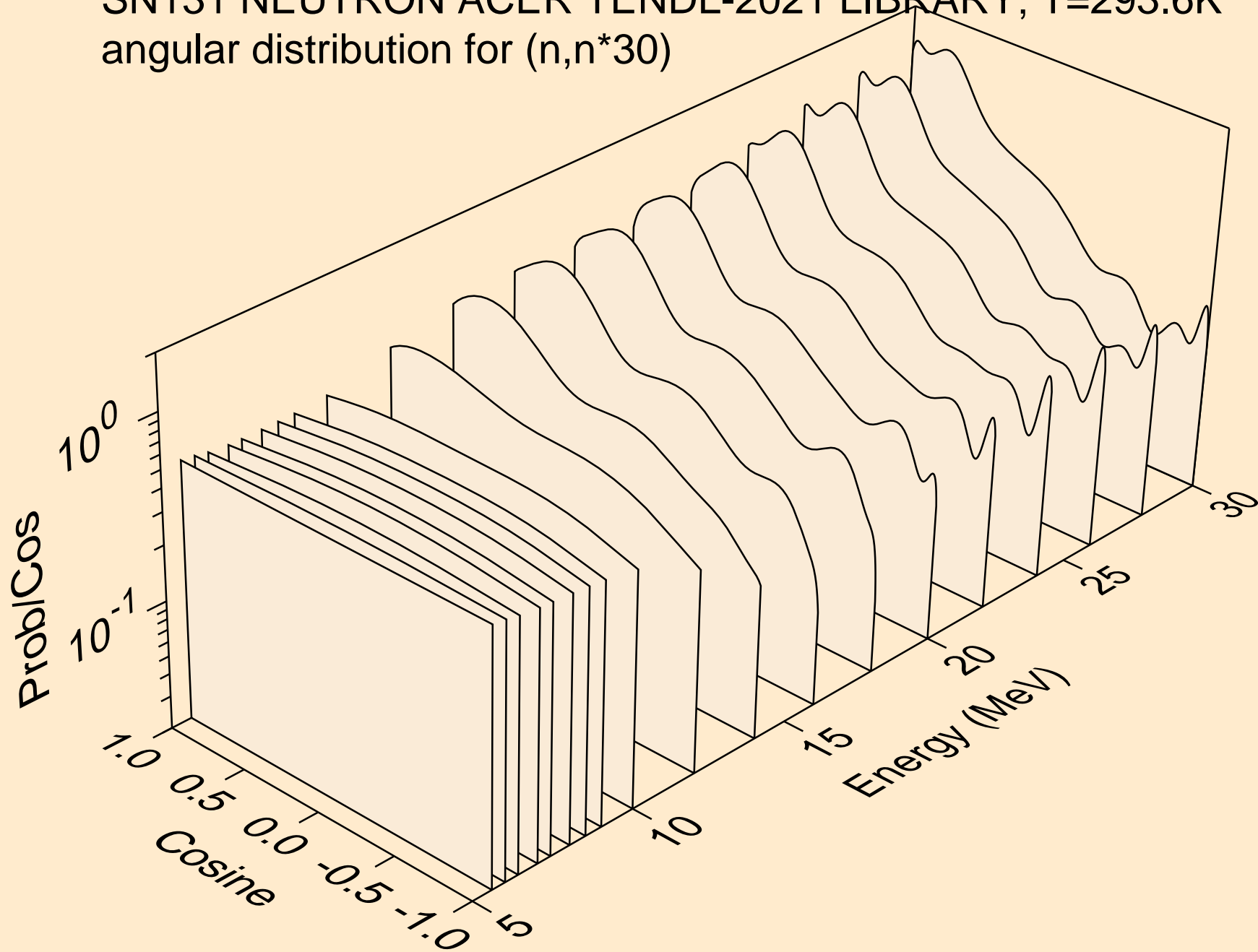


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

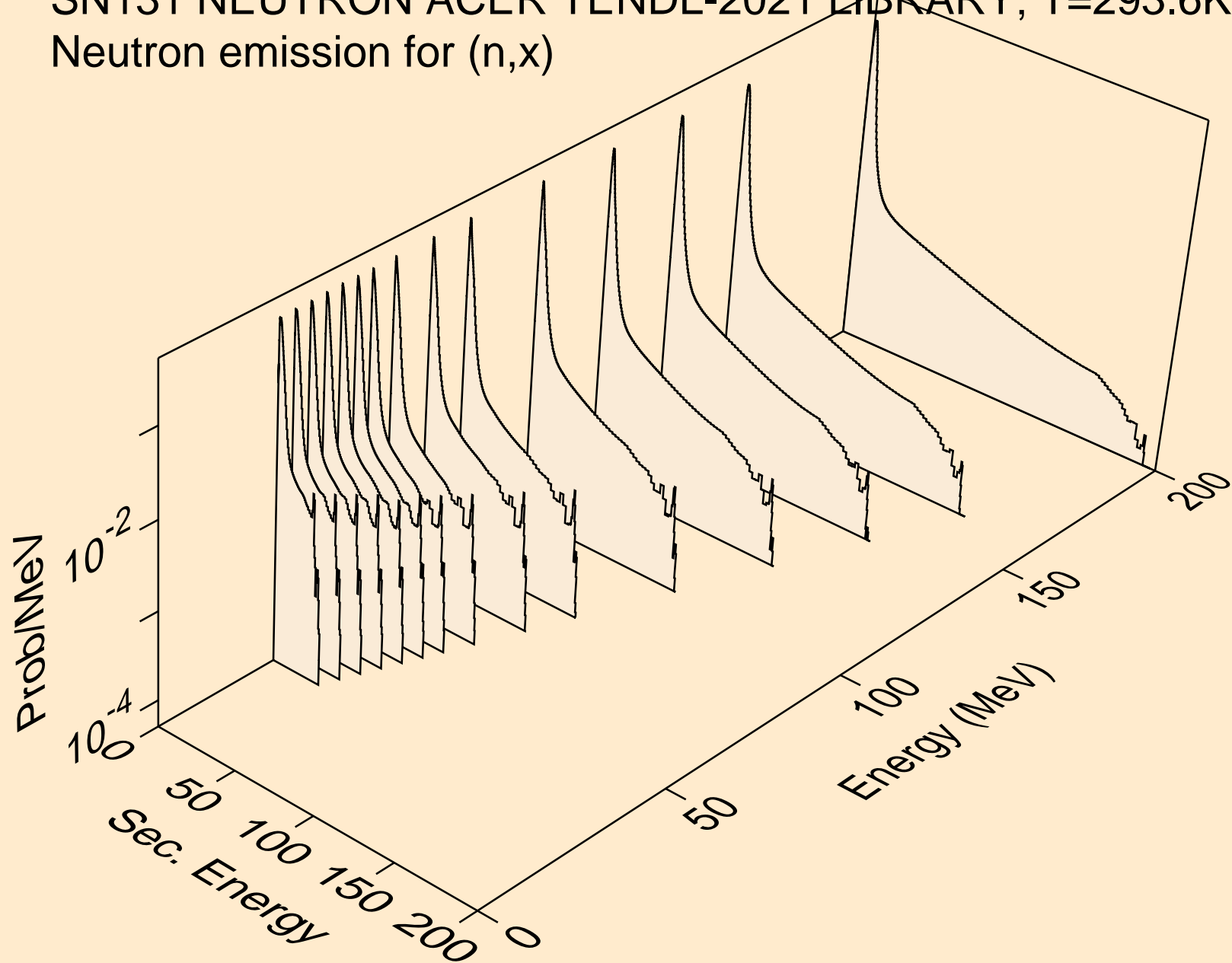




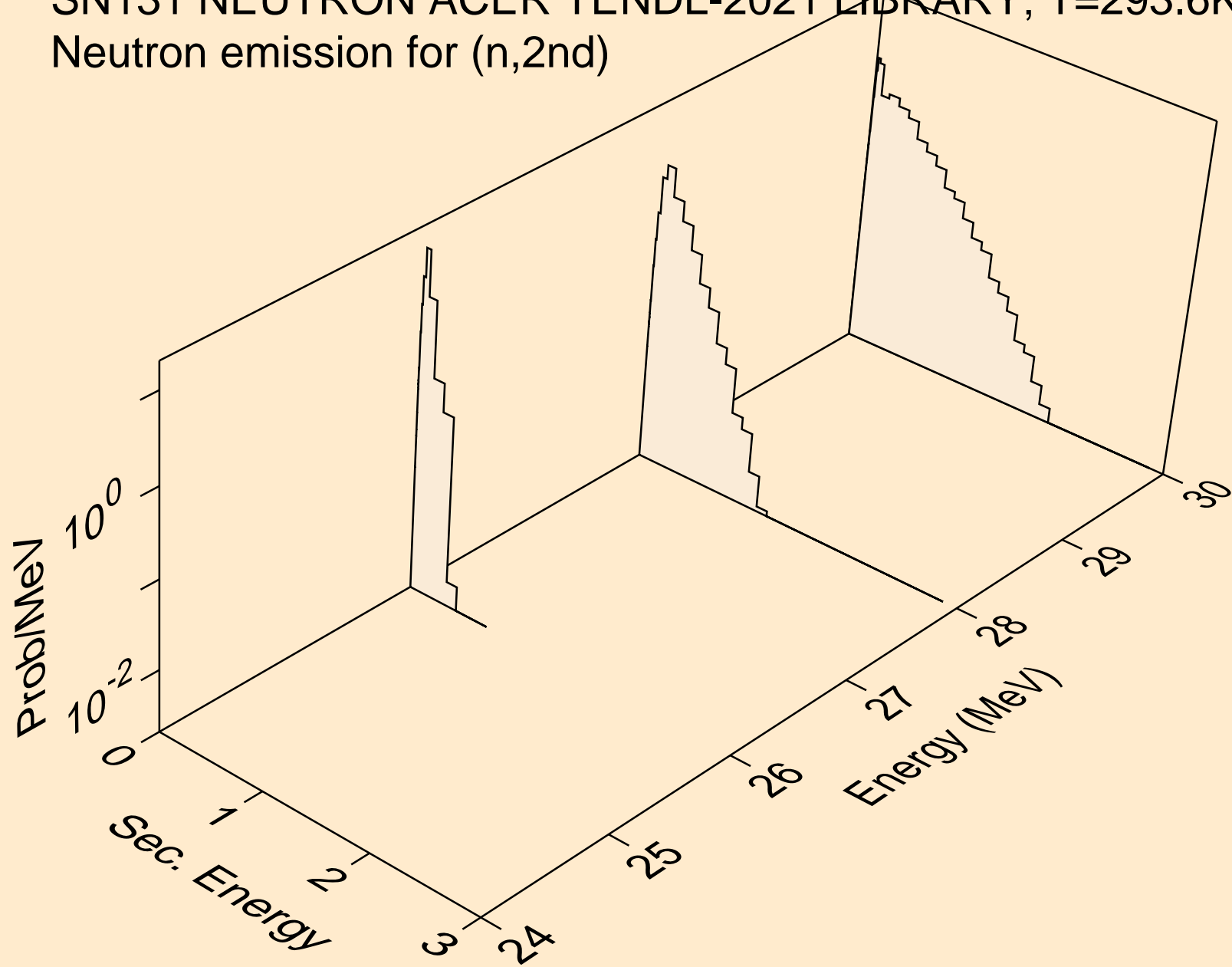
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



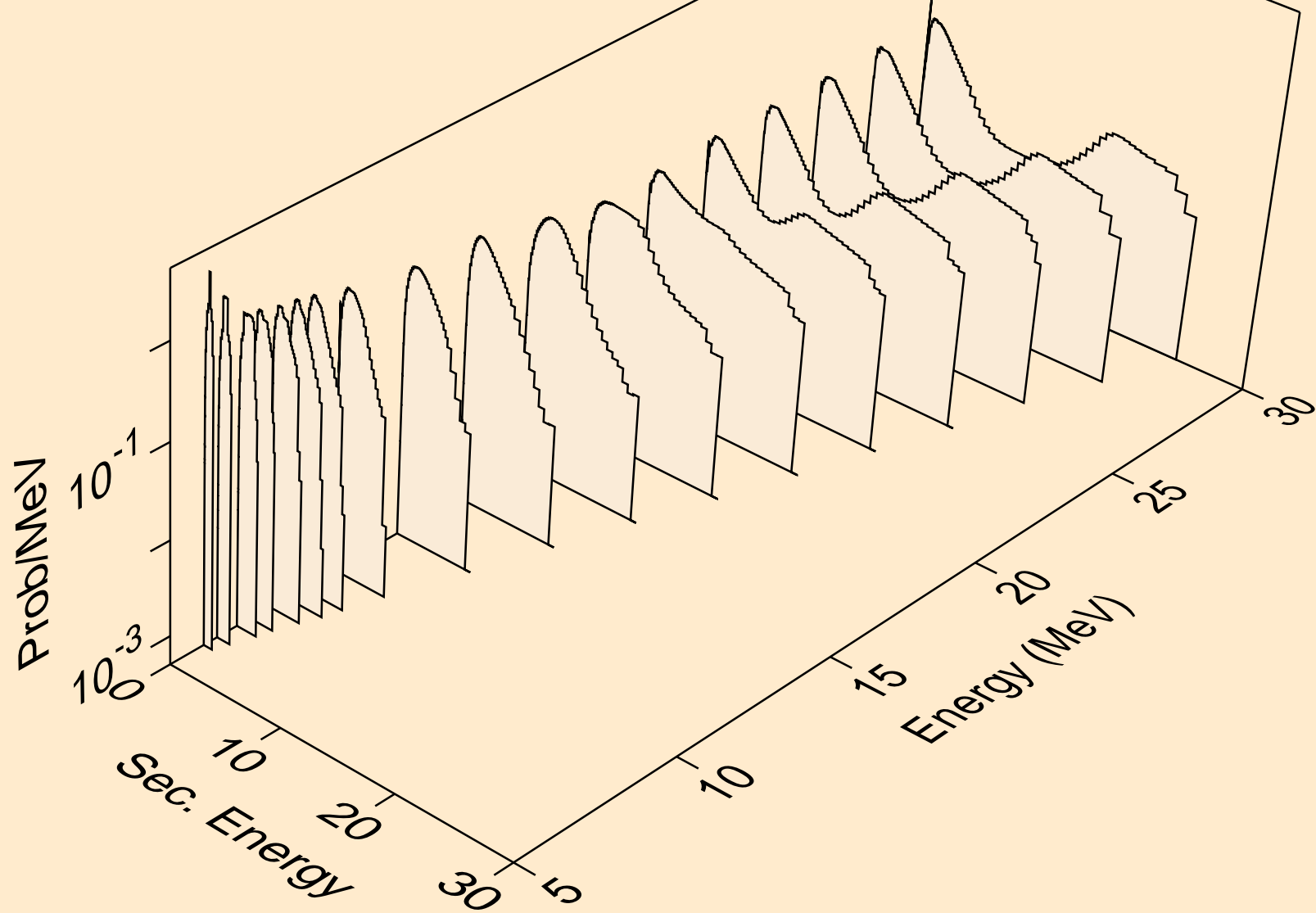
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



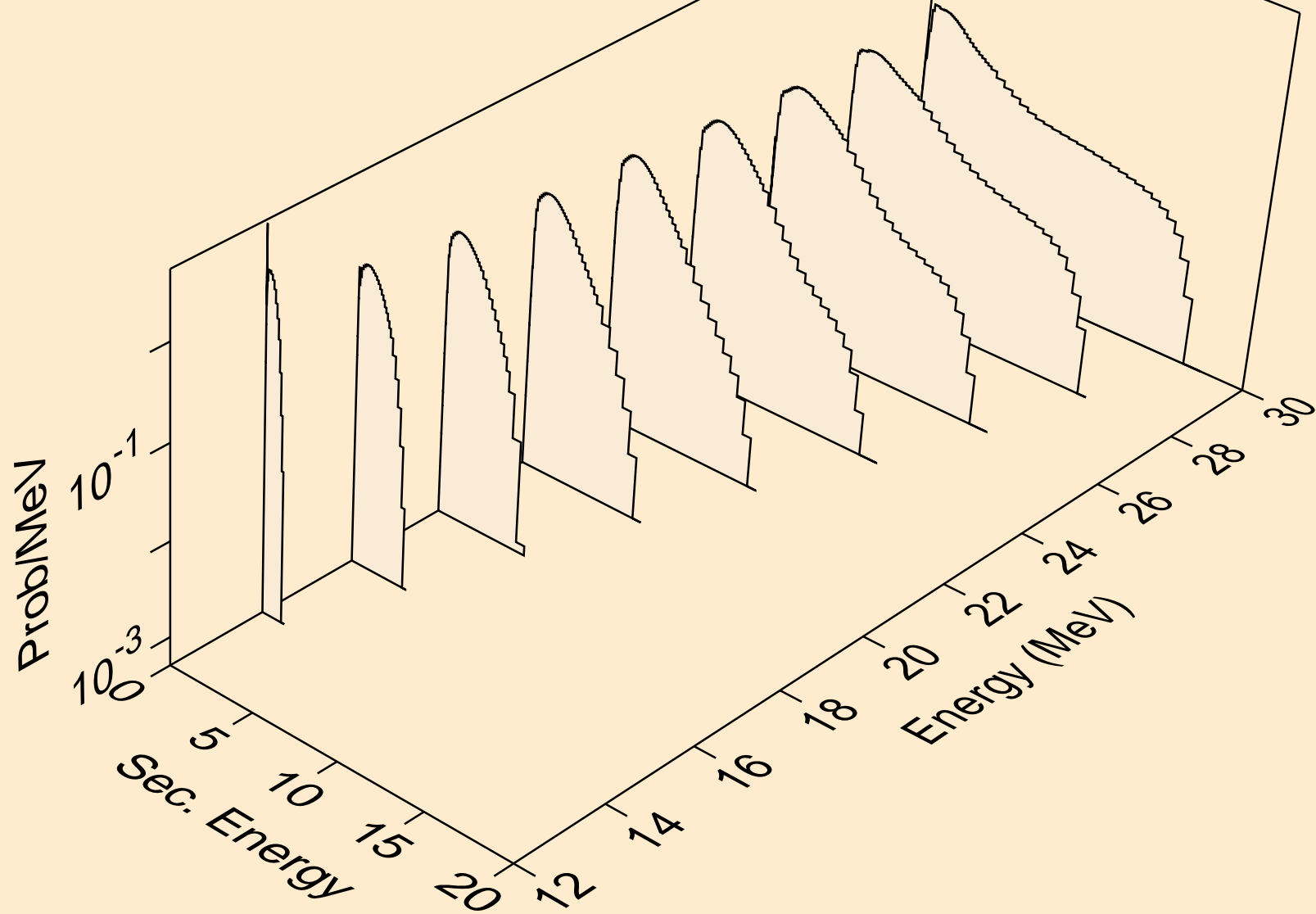
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



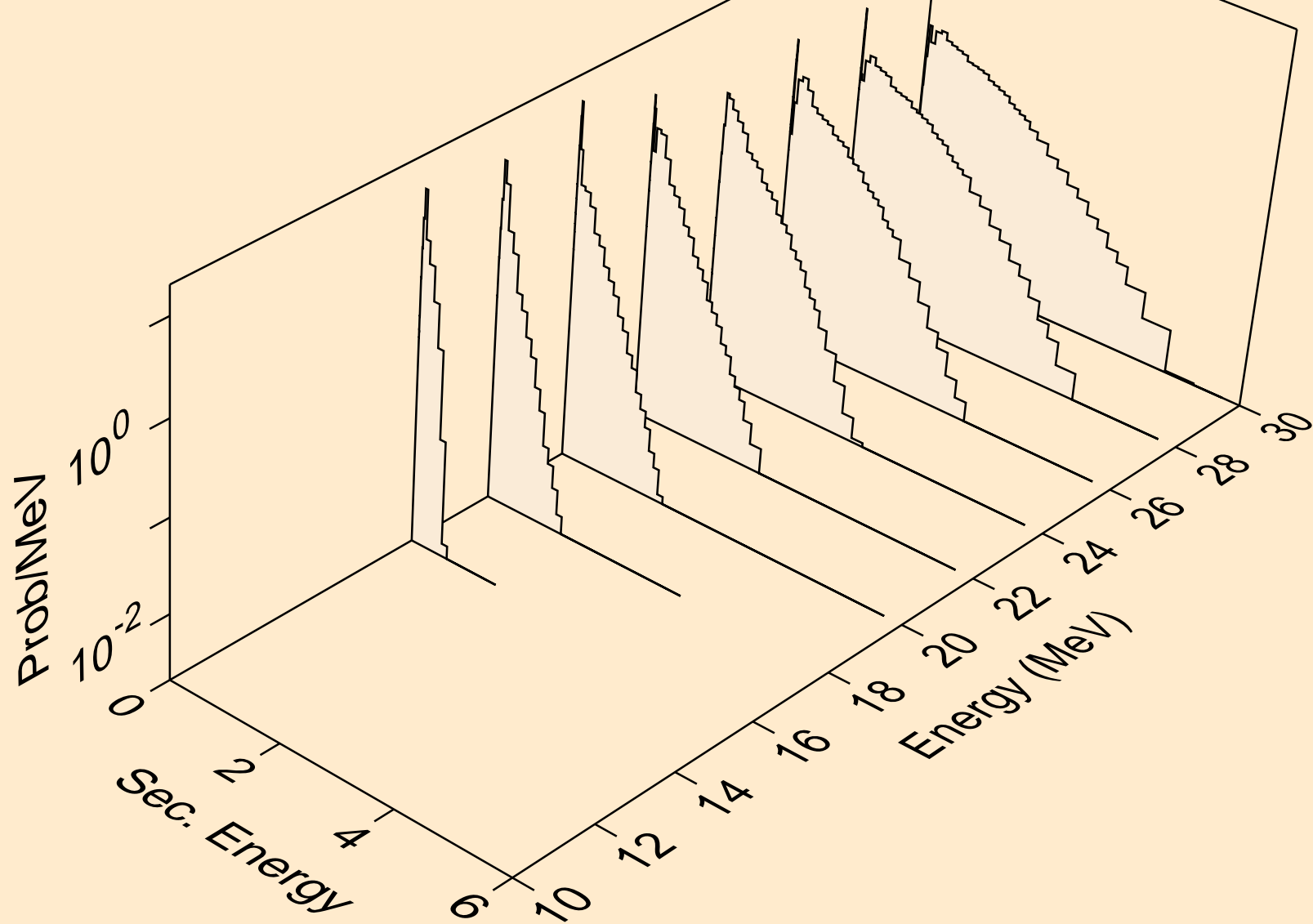
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



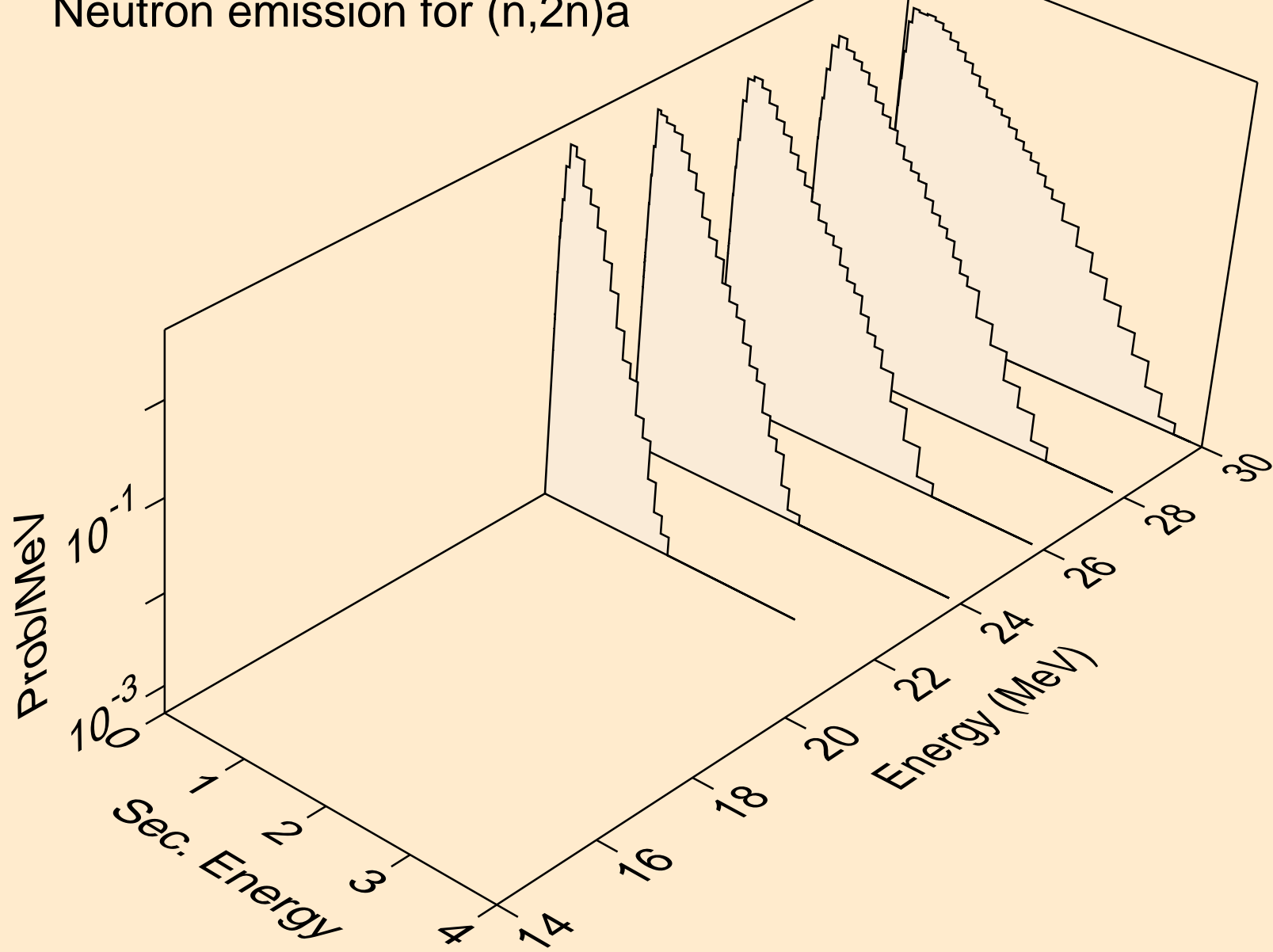
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



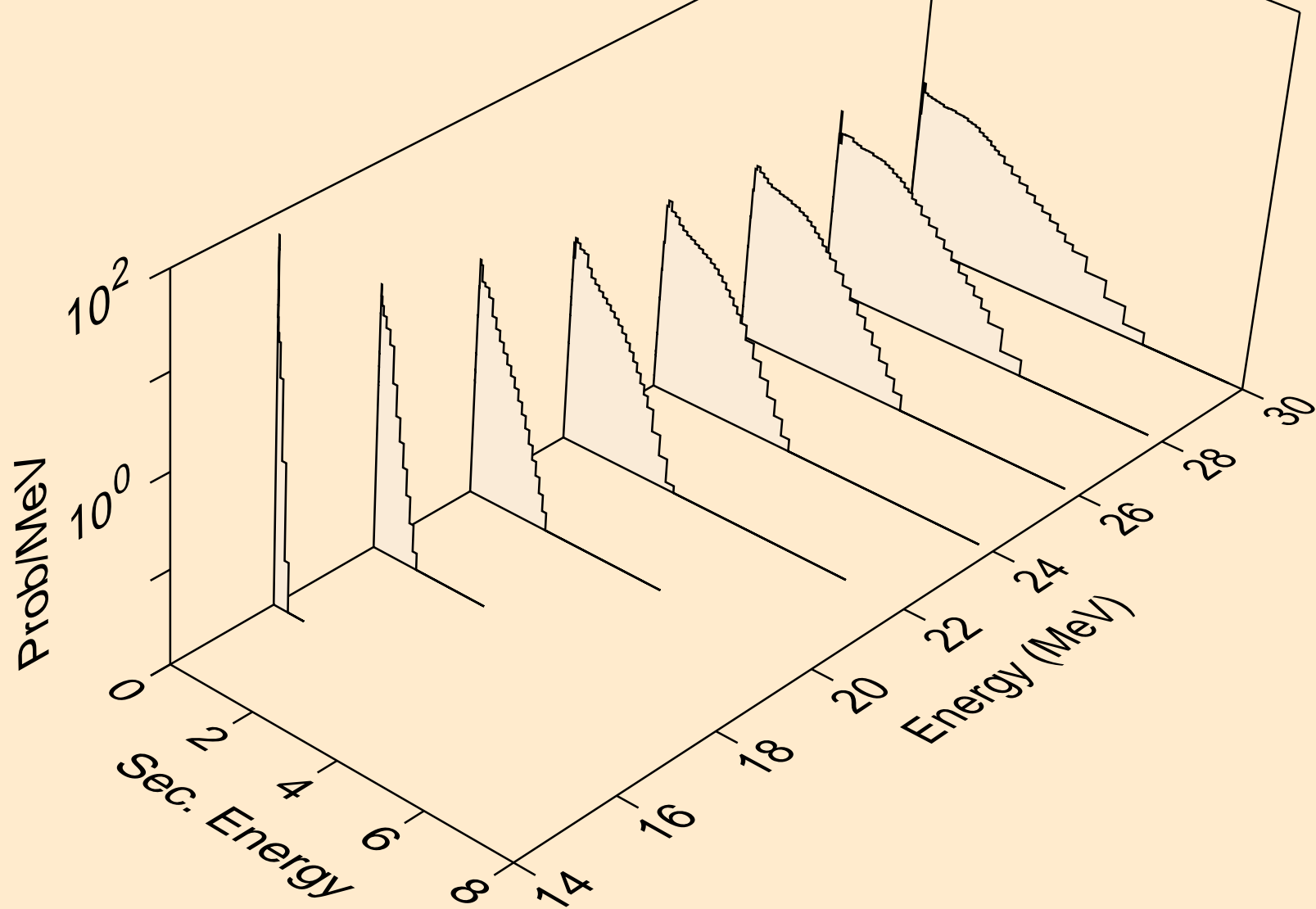
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>

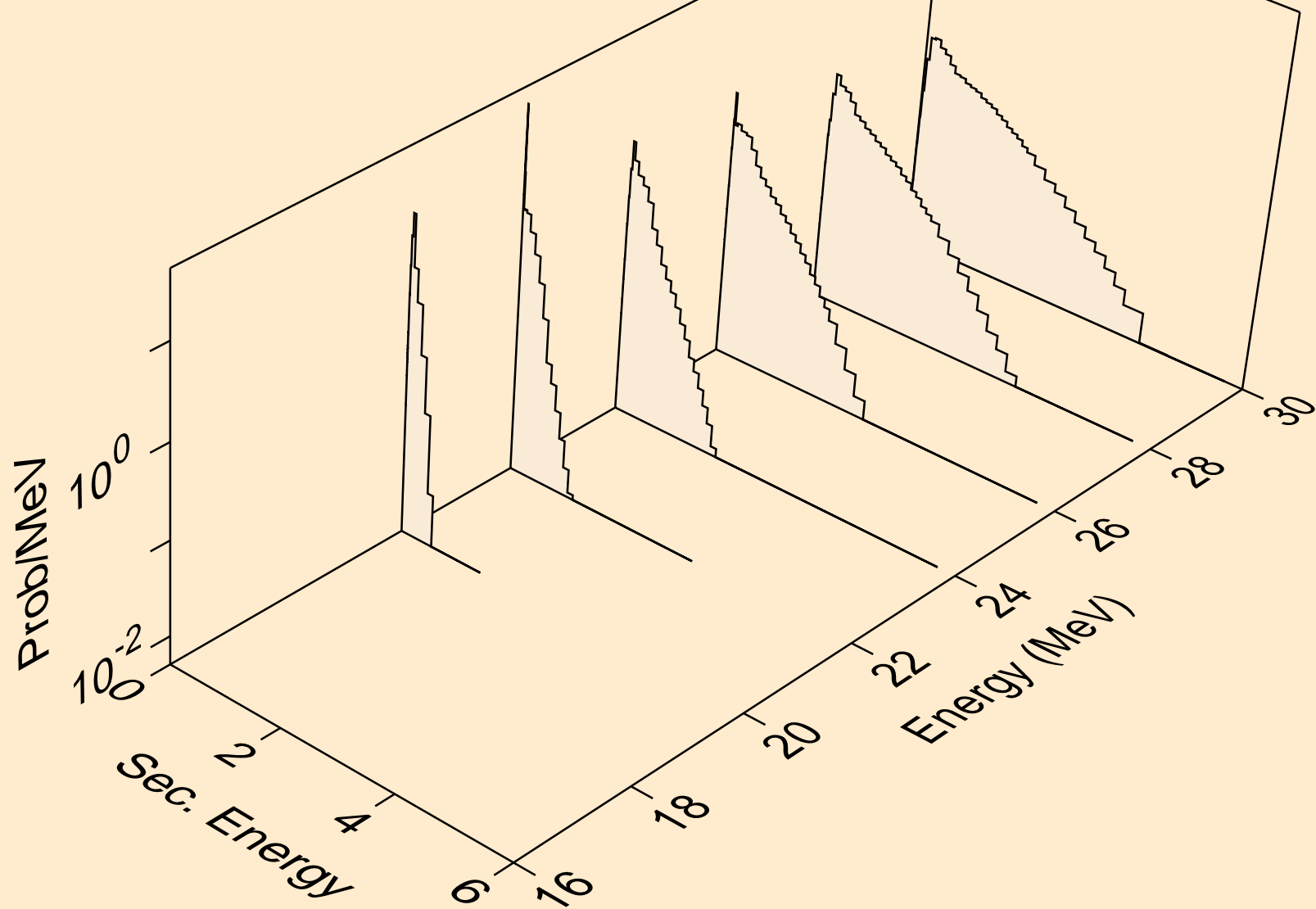


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

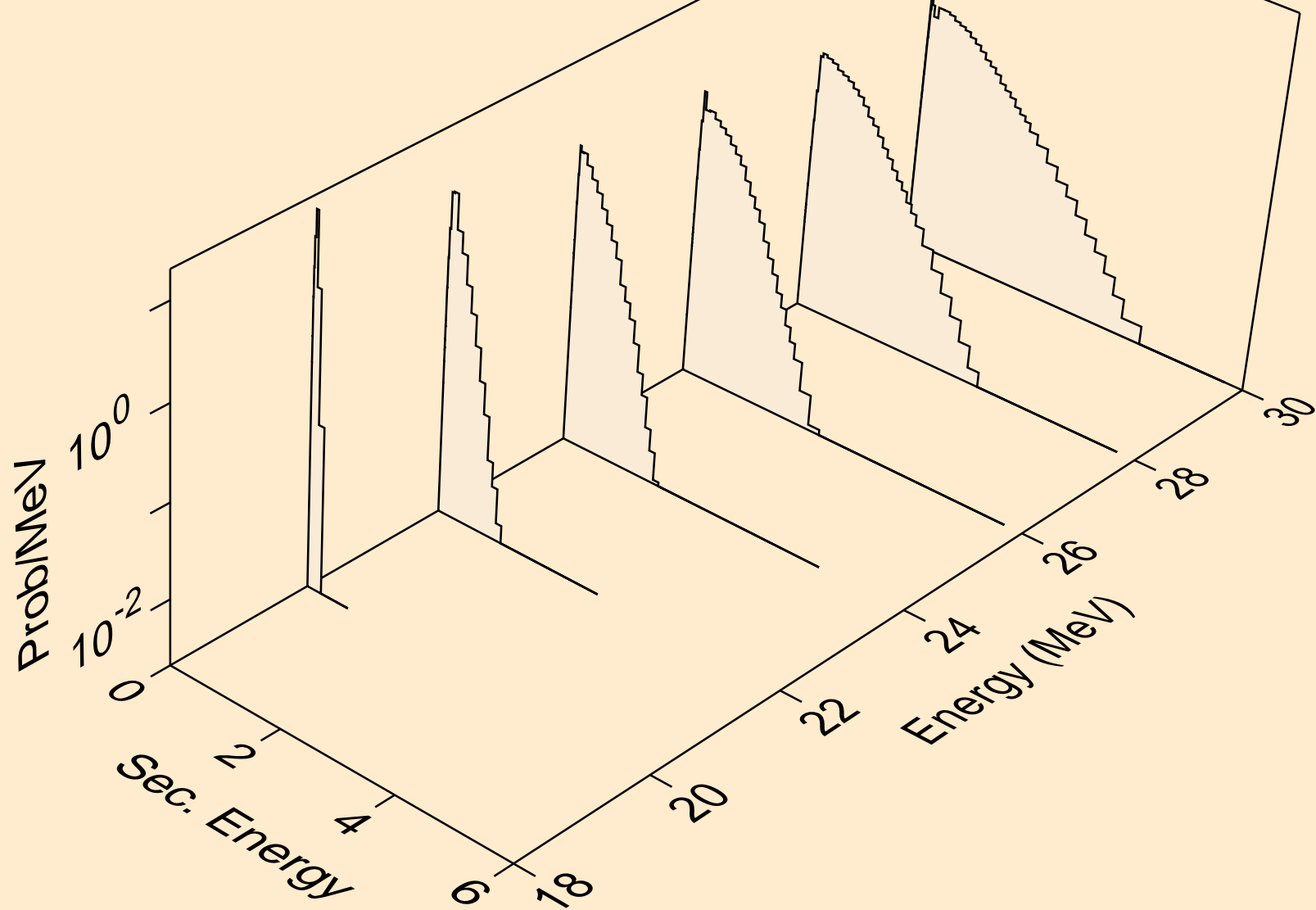




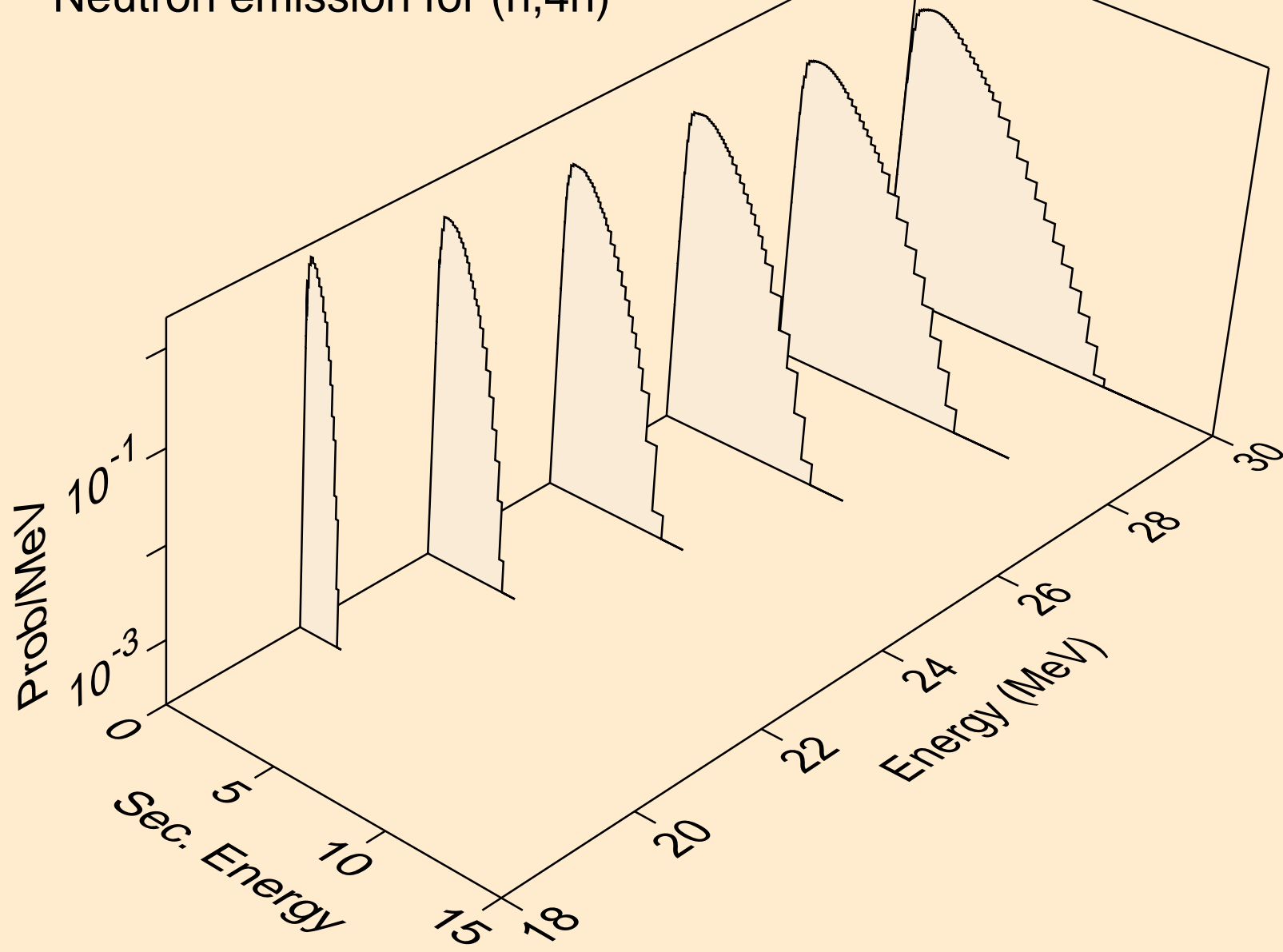
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



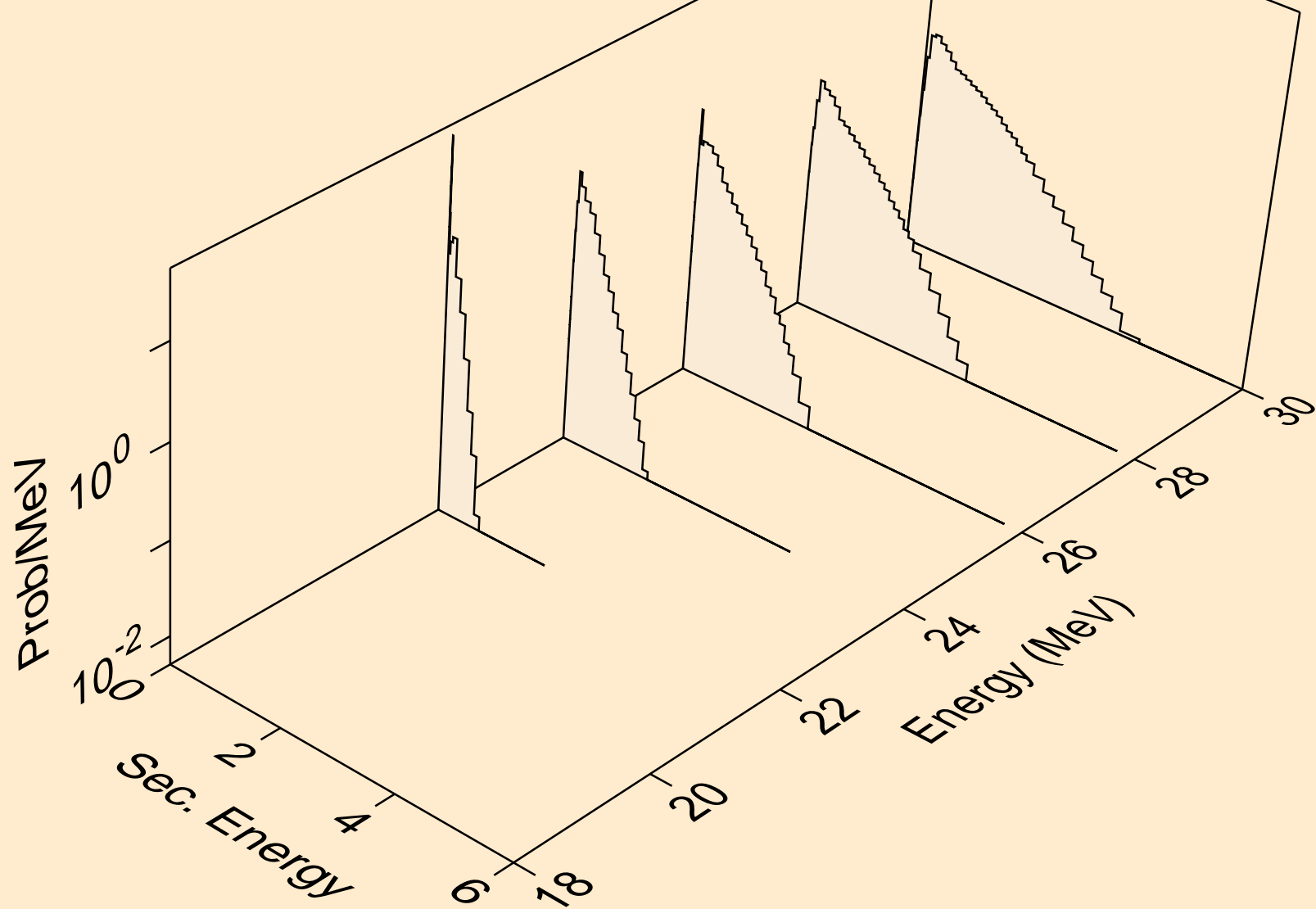
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



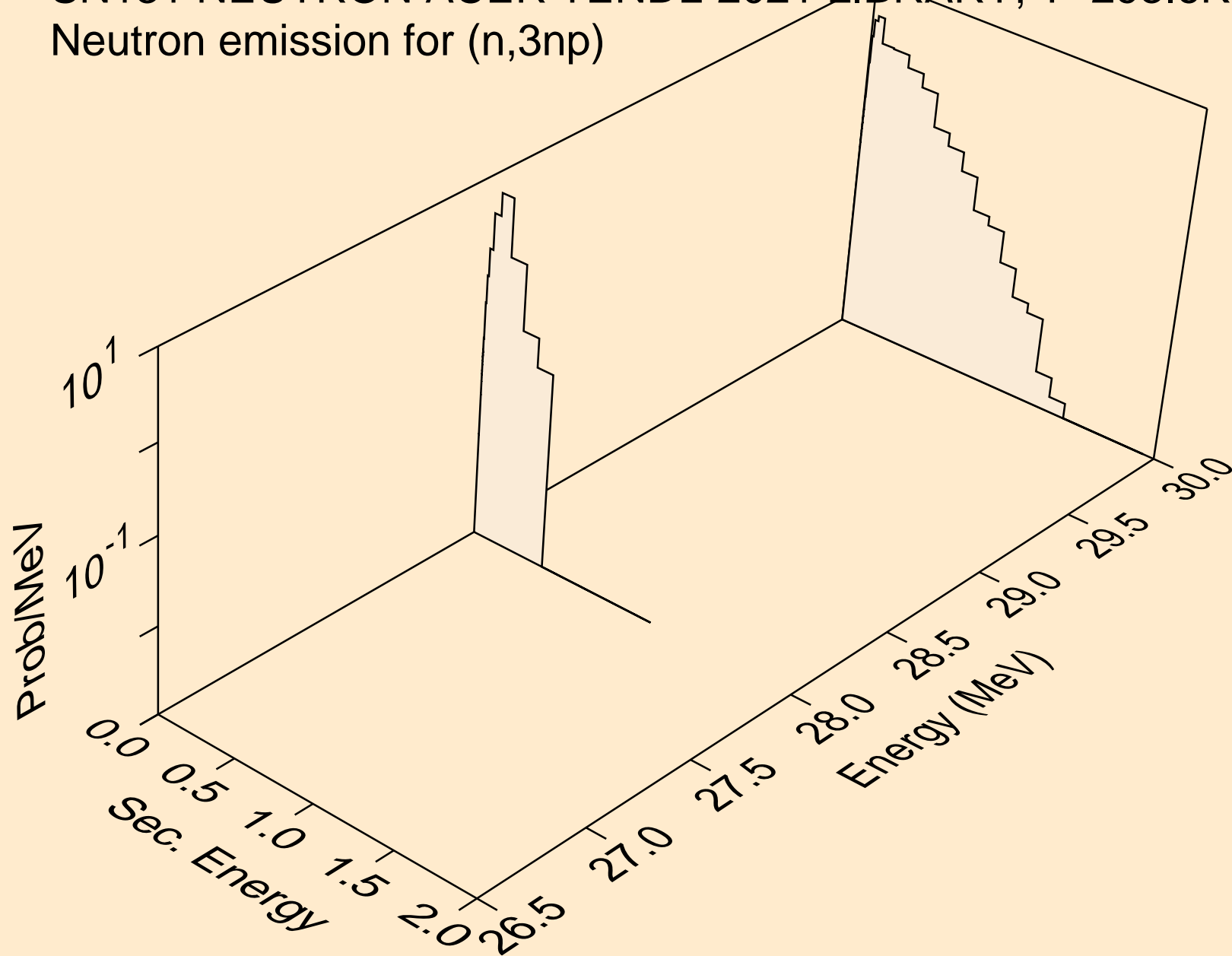
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



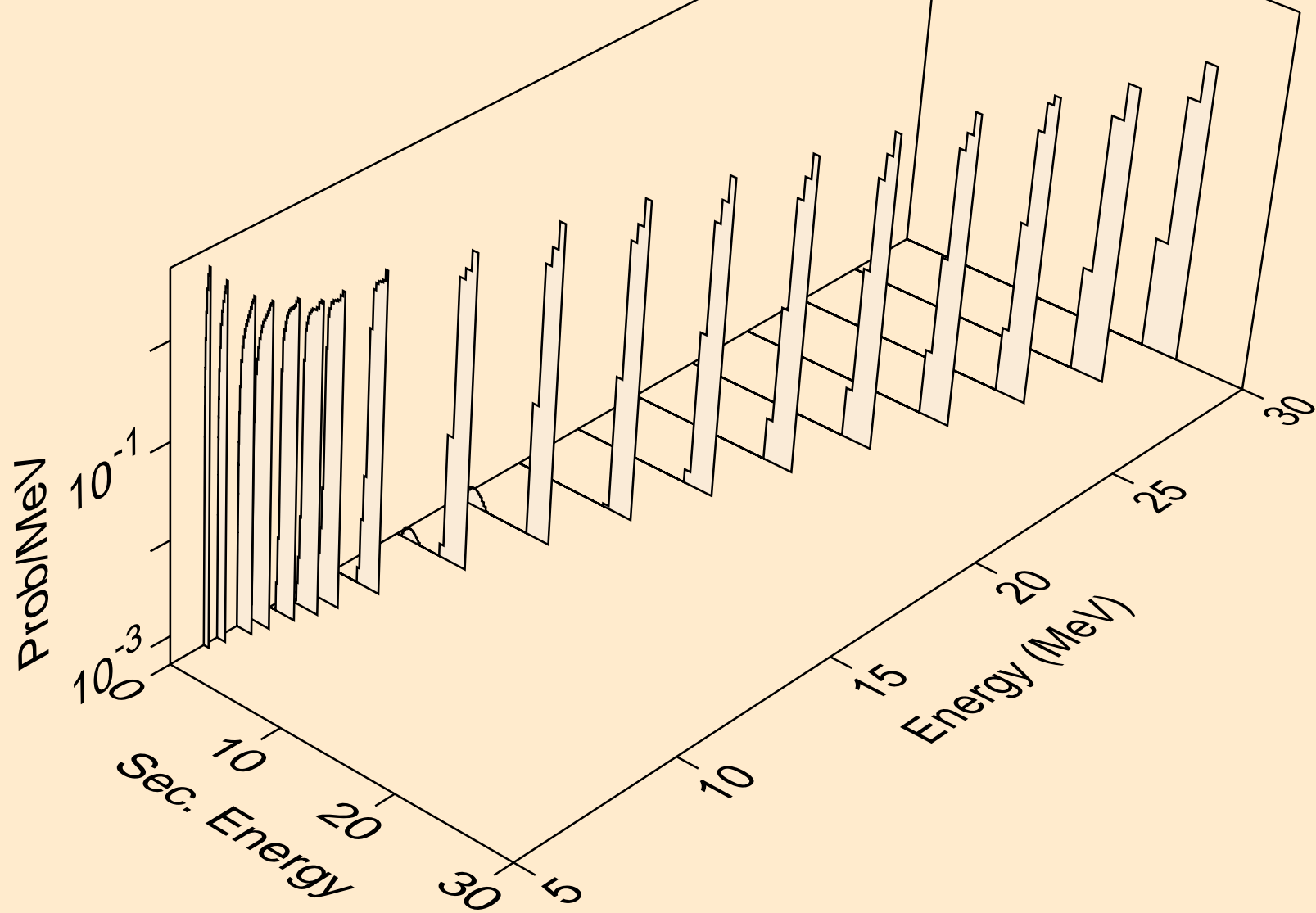
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



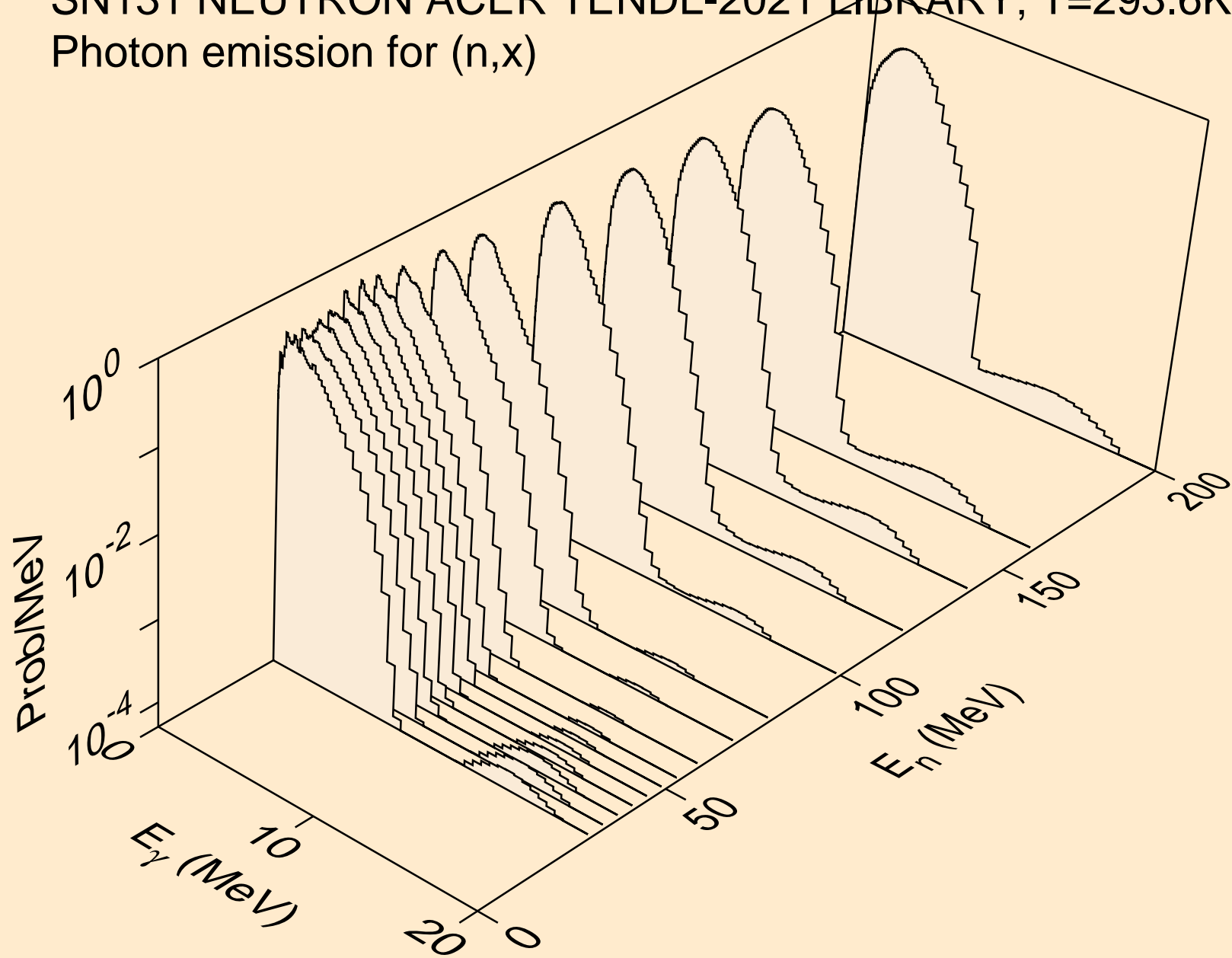
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



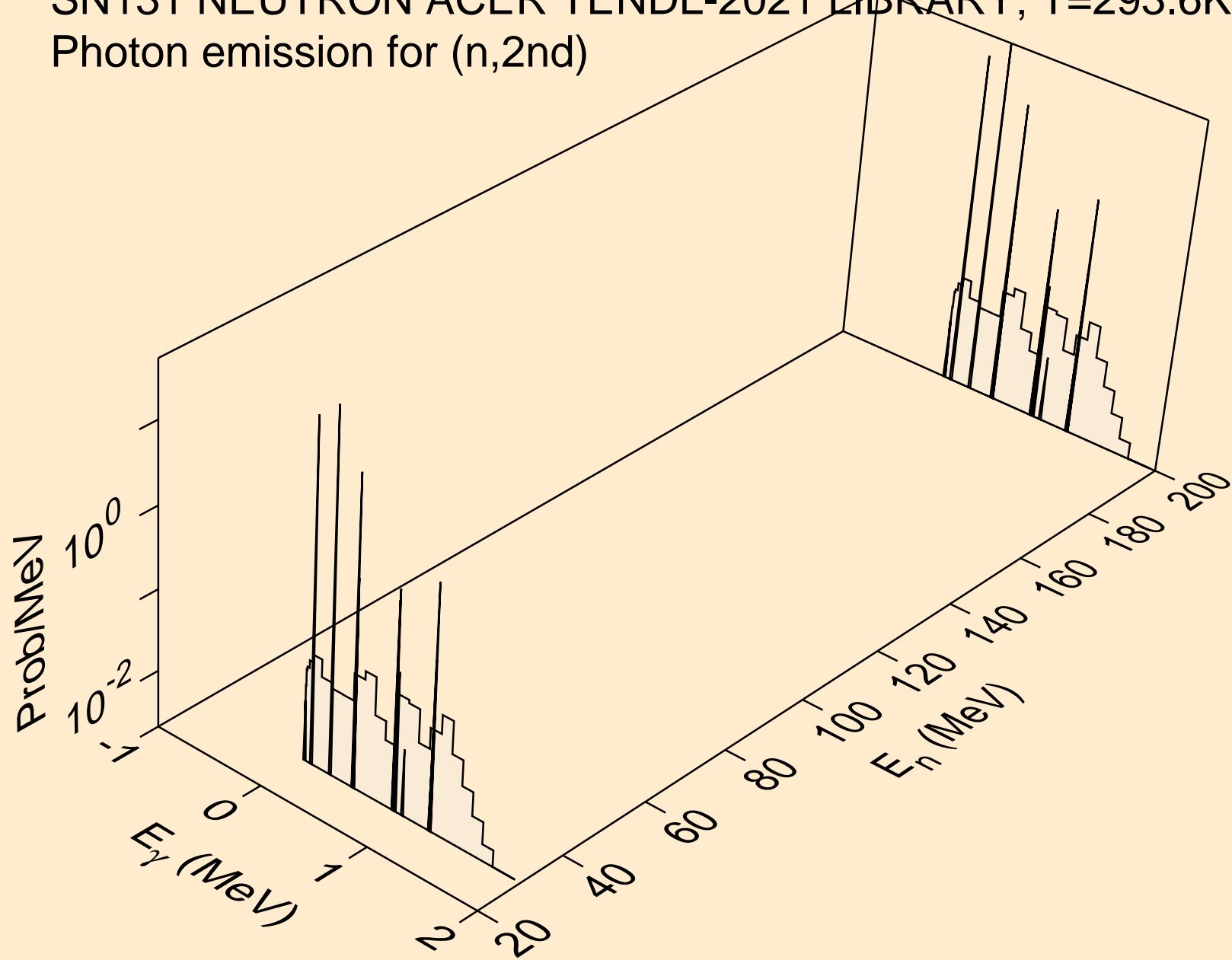
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

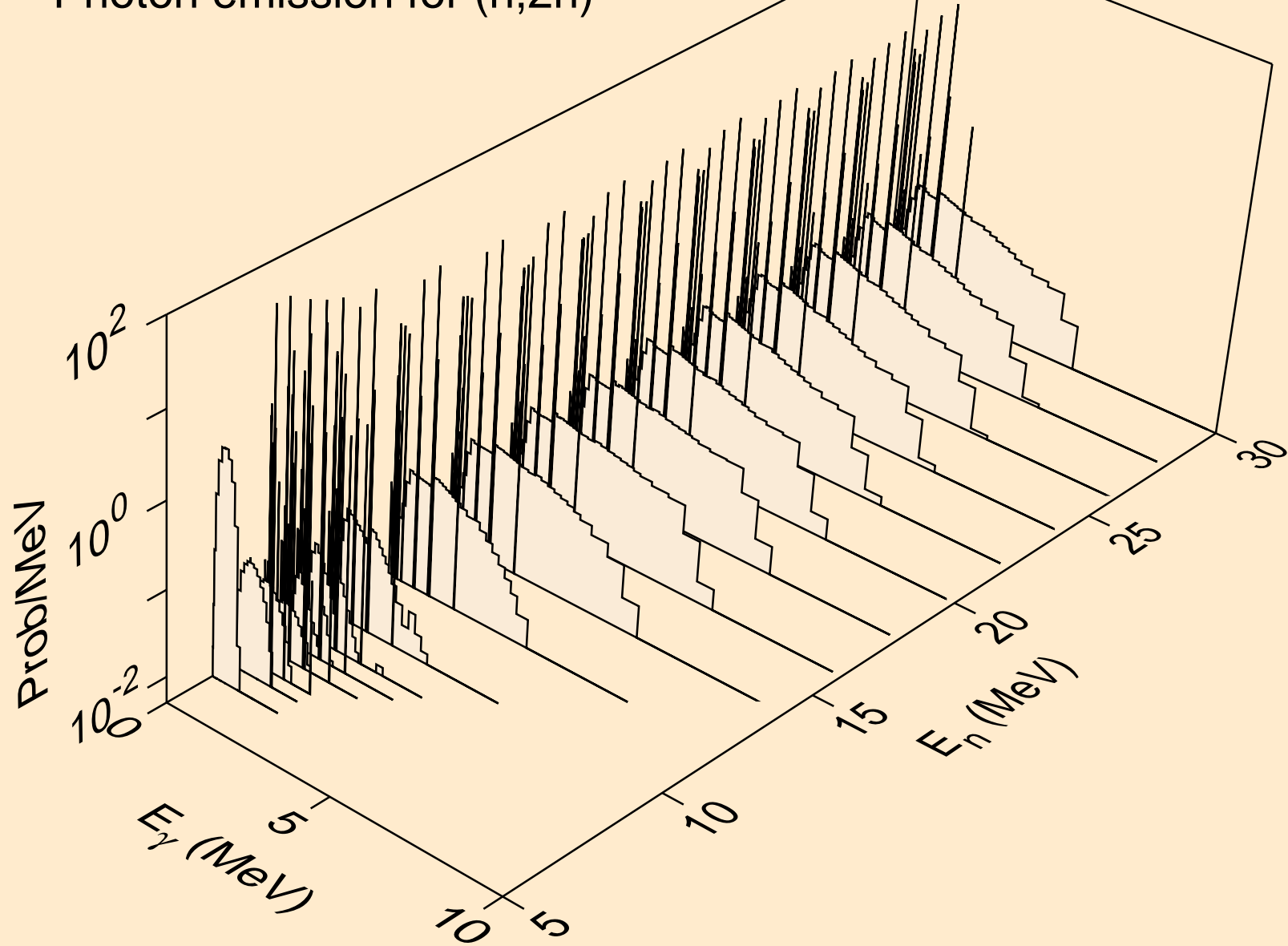


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

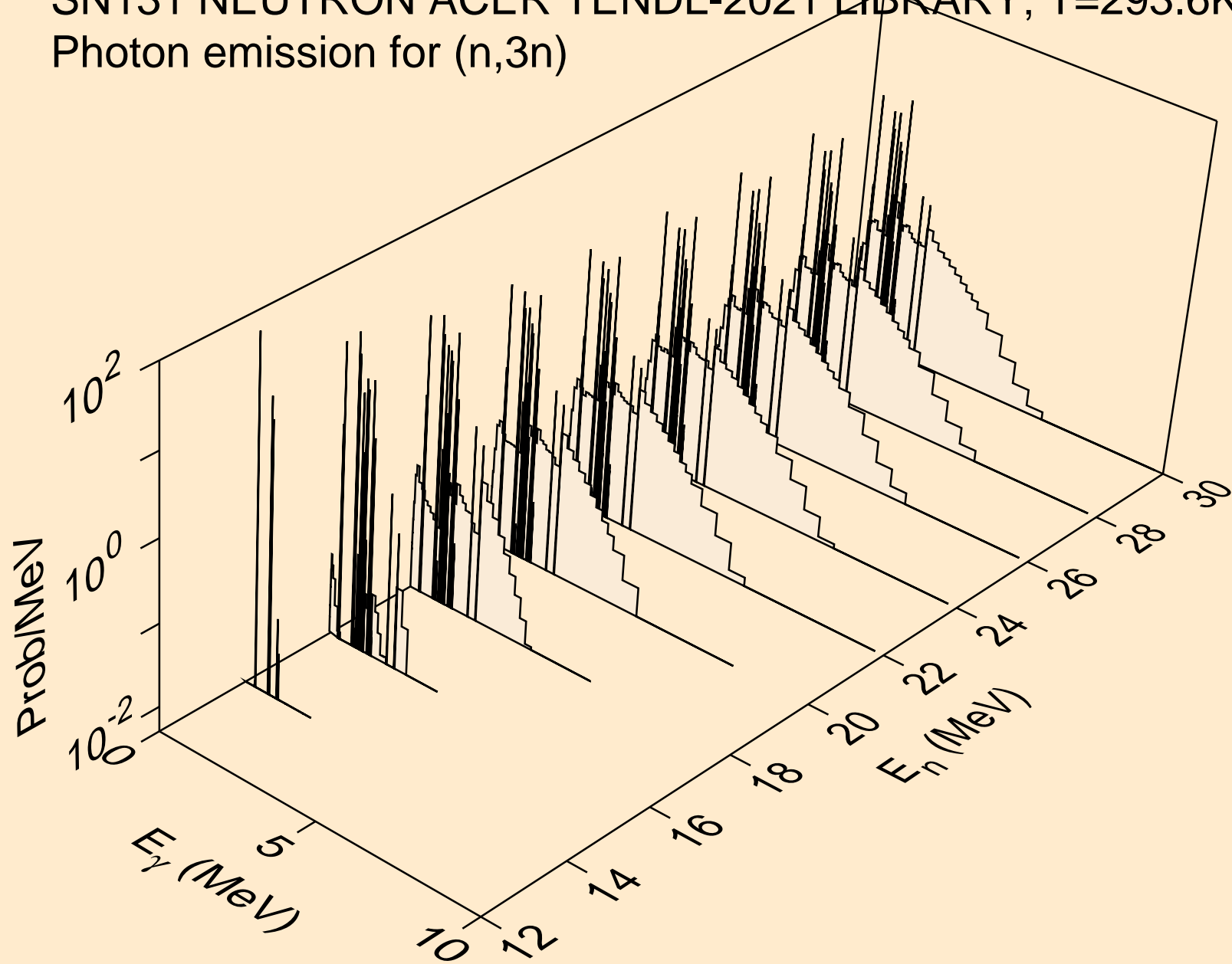




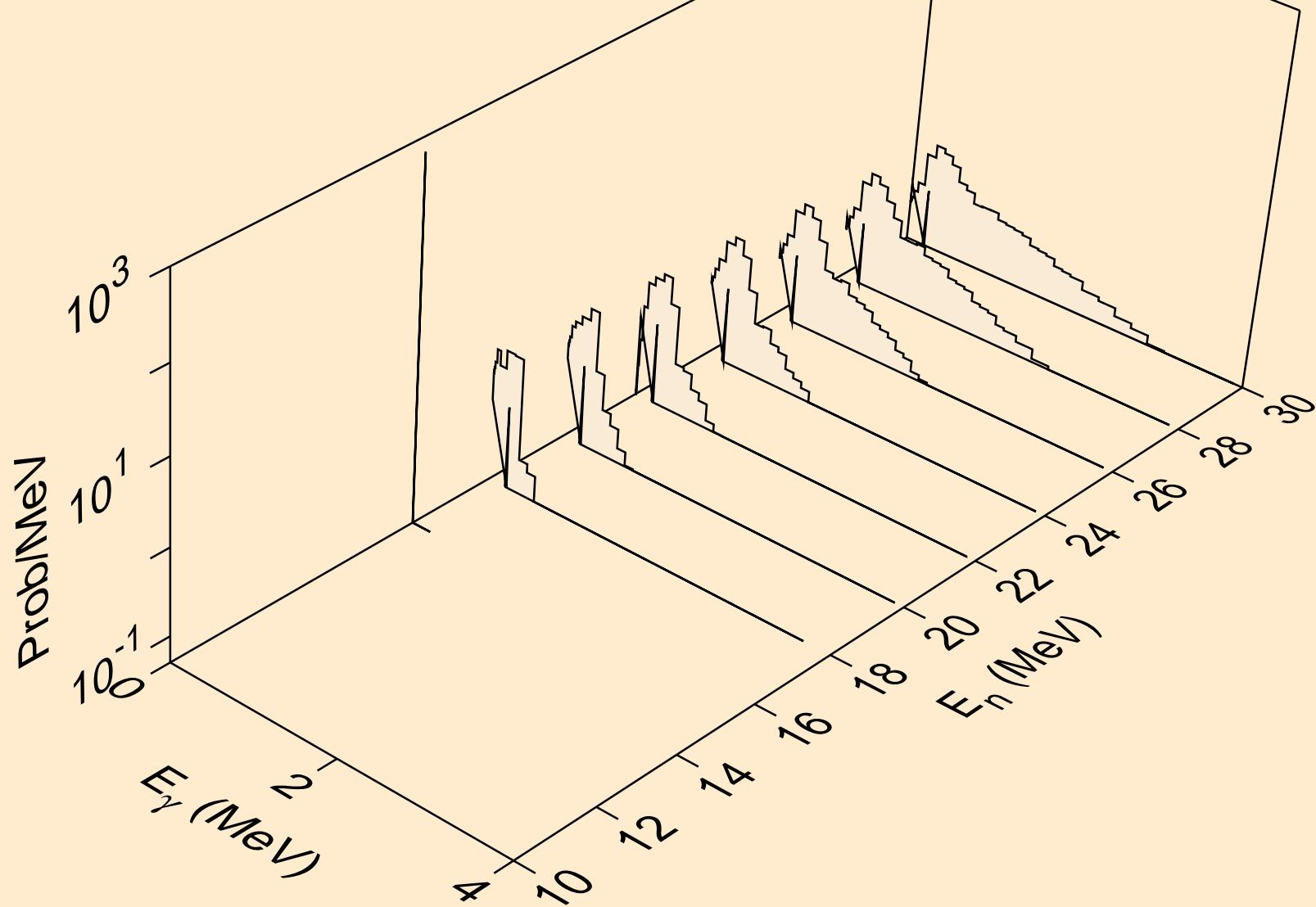
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



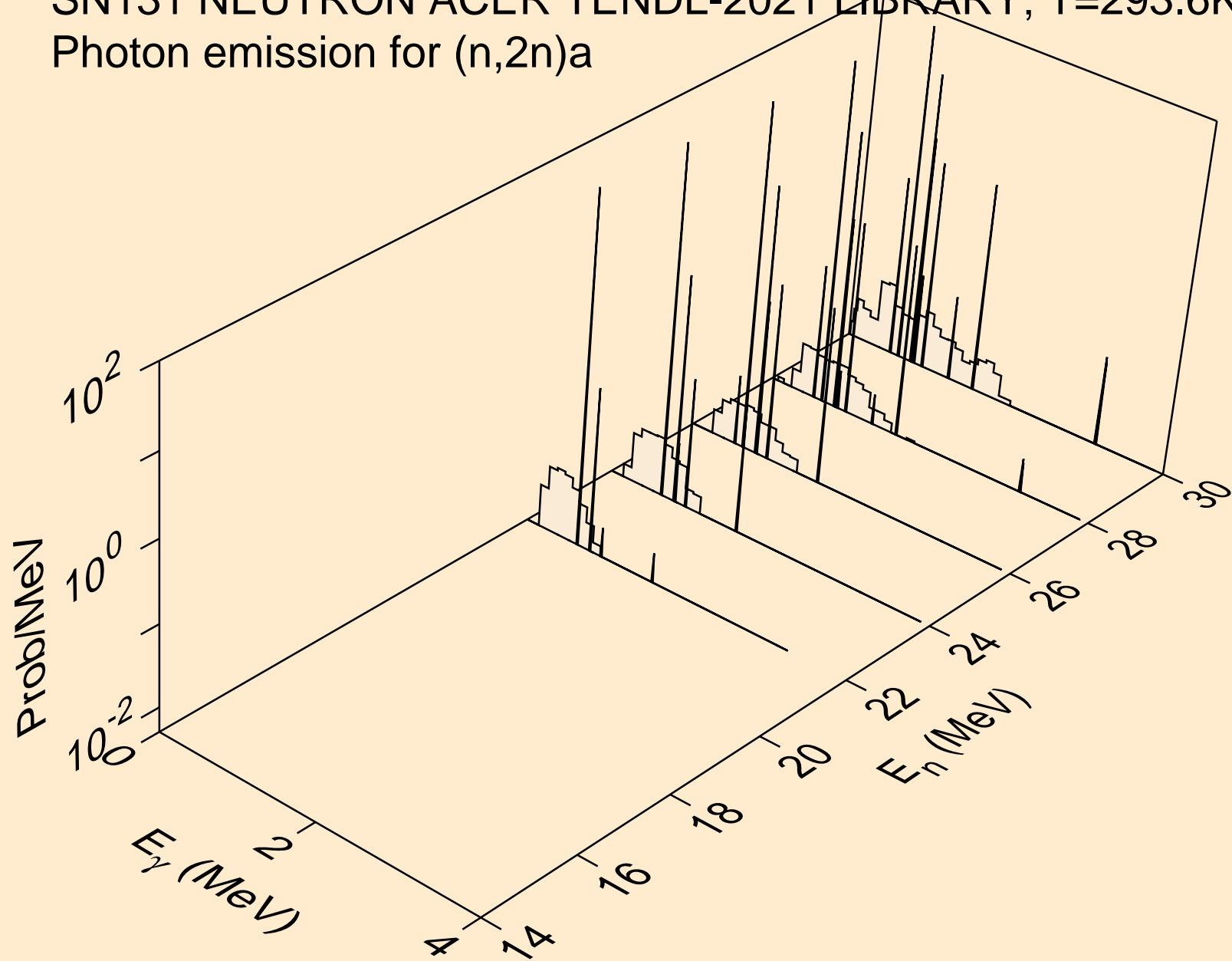
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



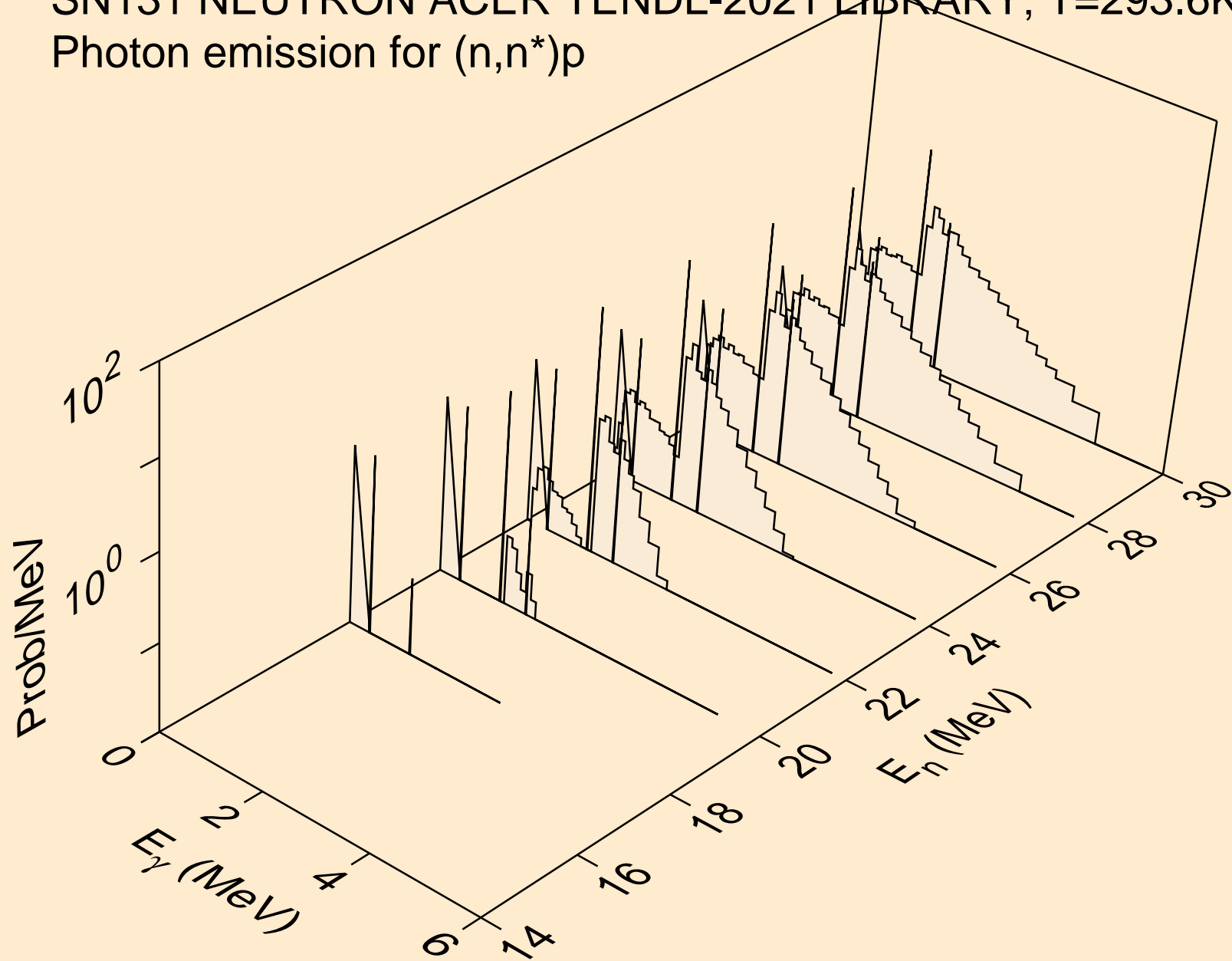
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



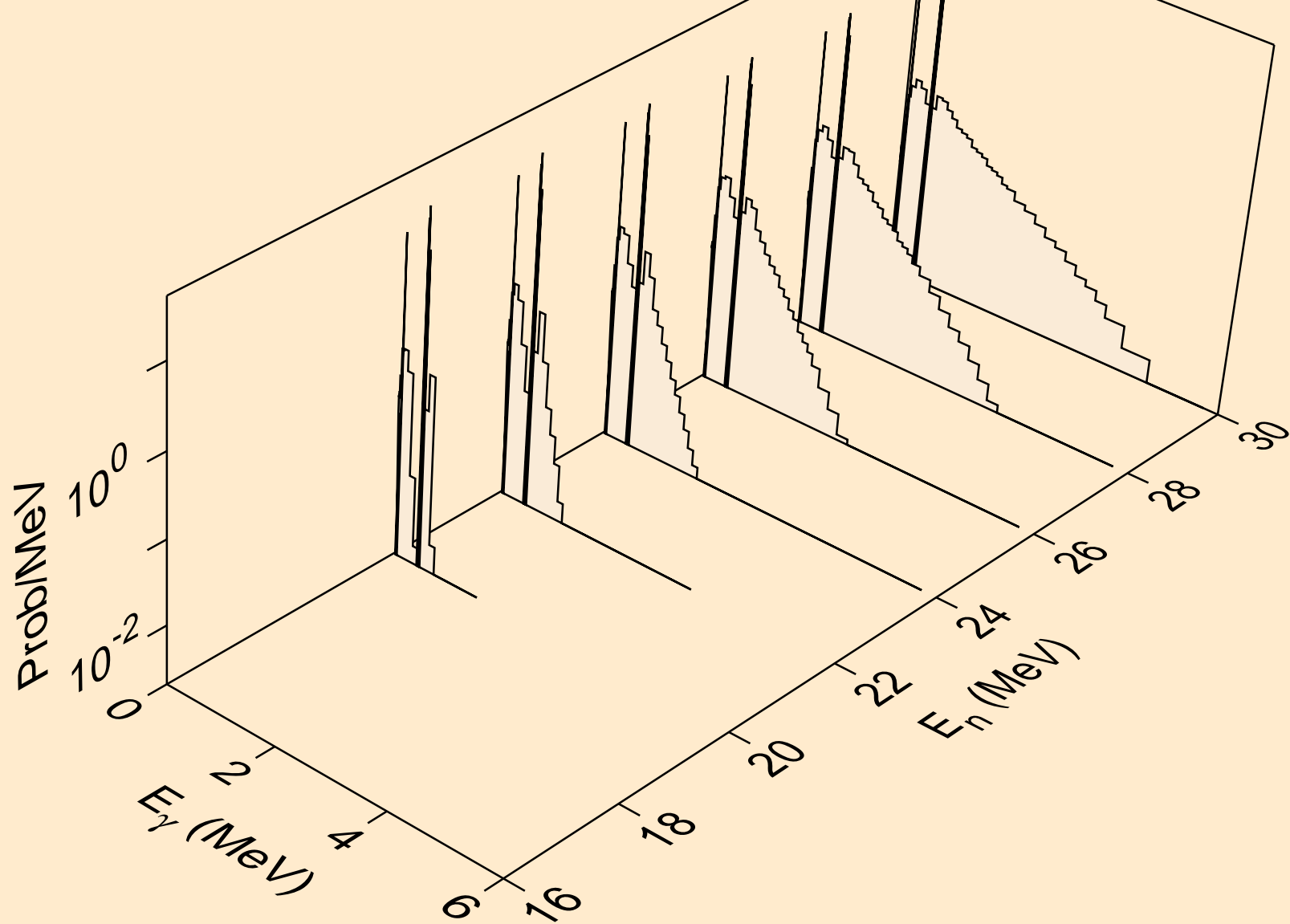
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



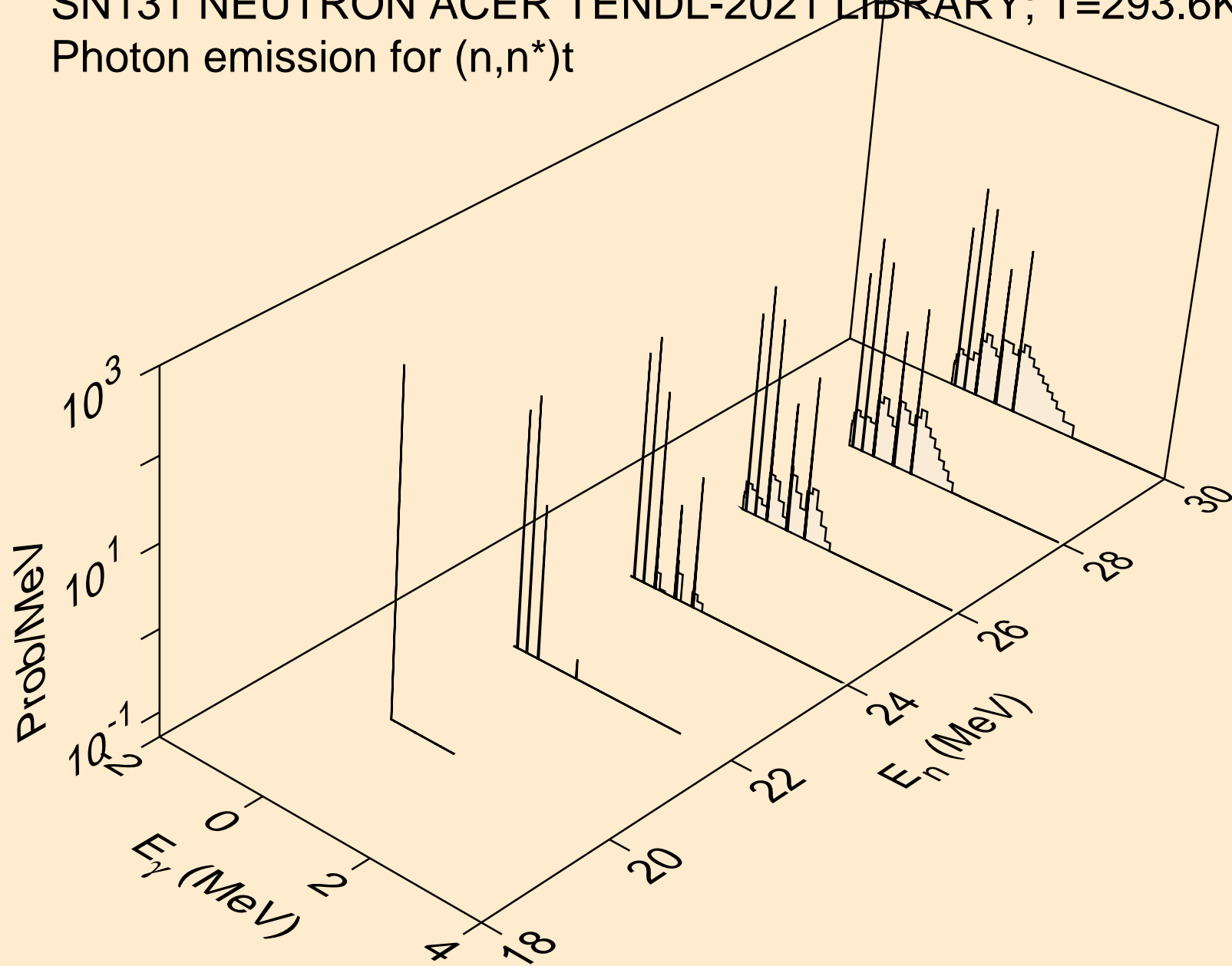
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



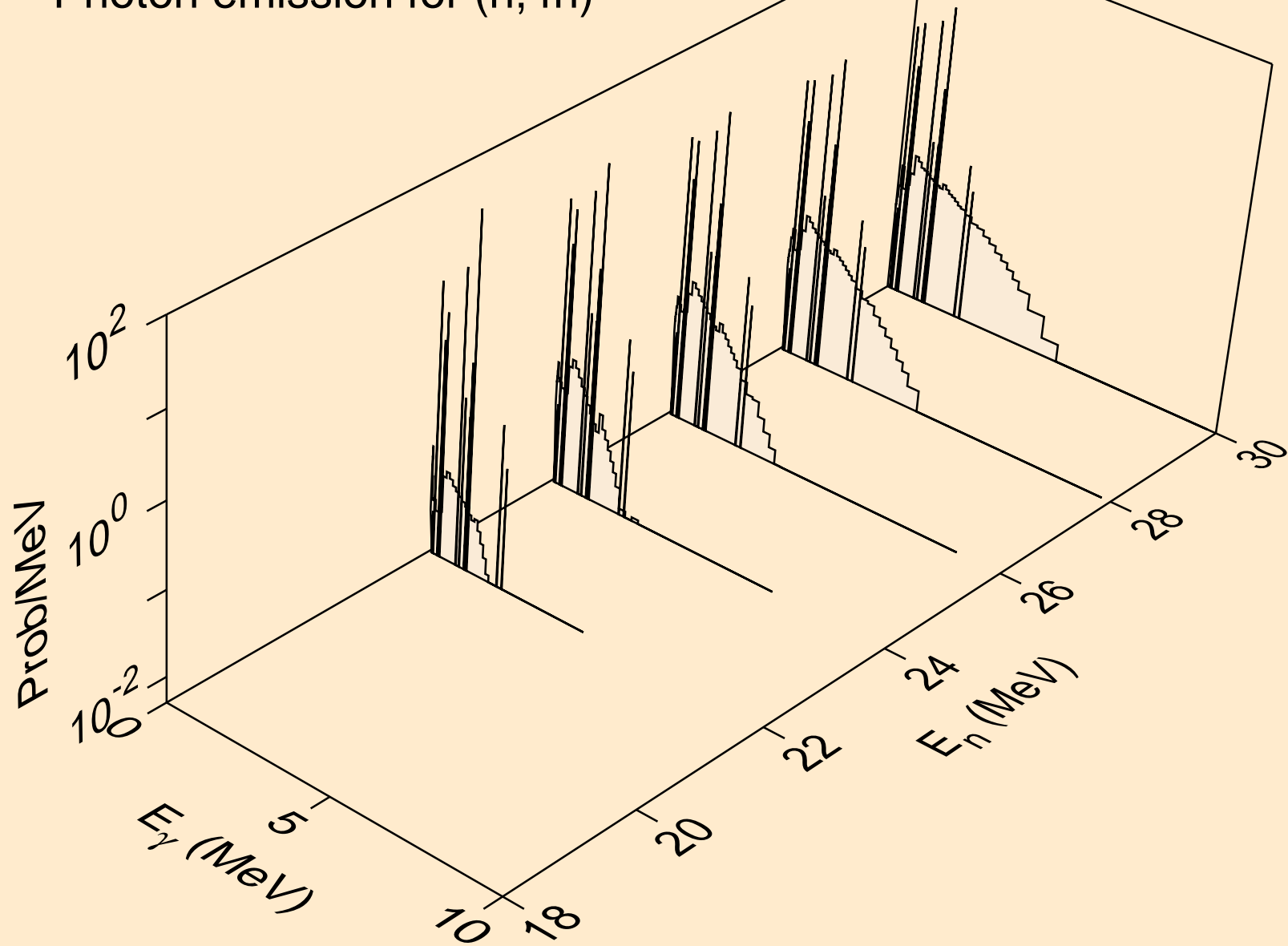
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

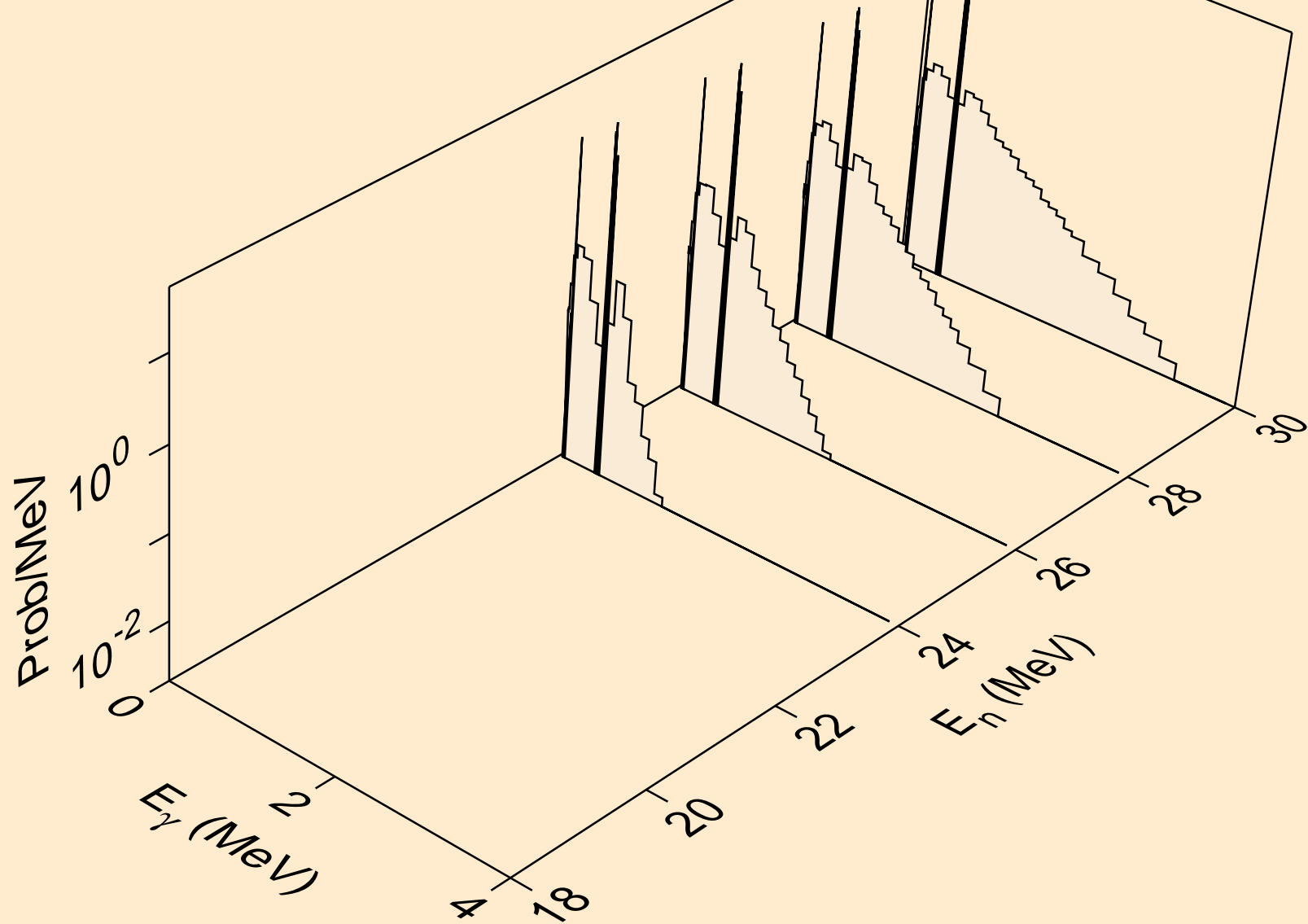


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

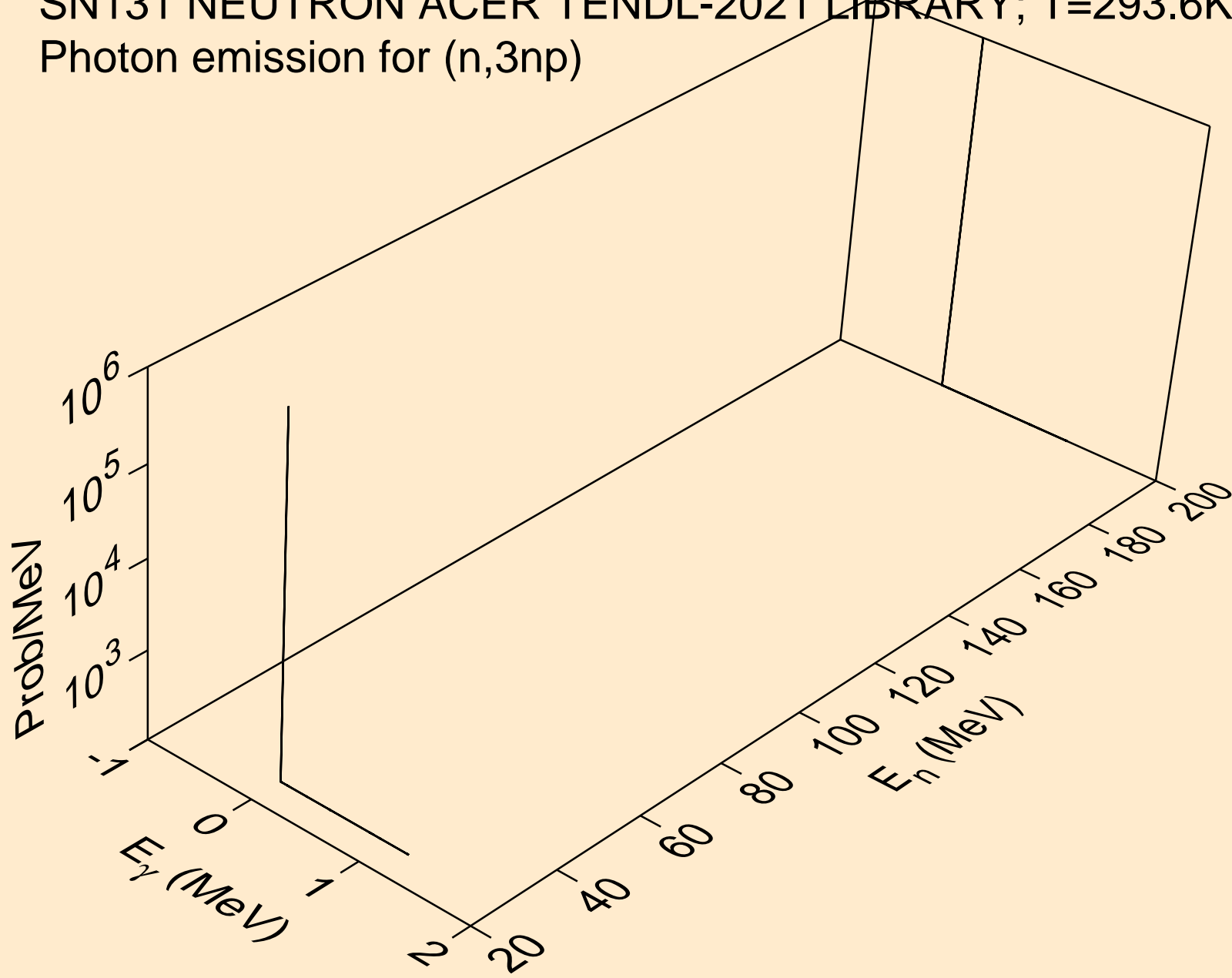




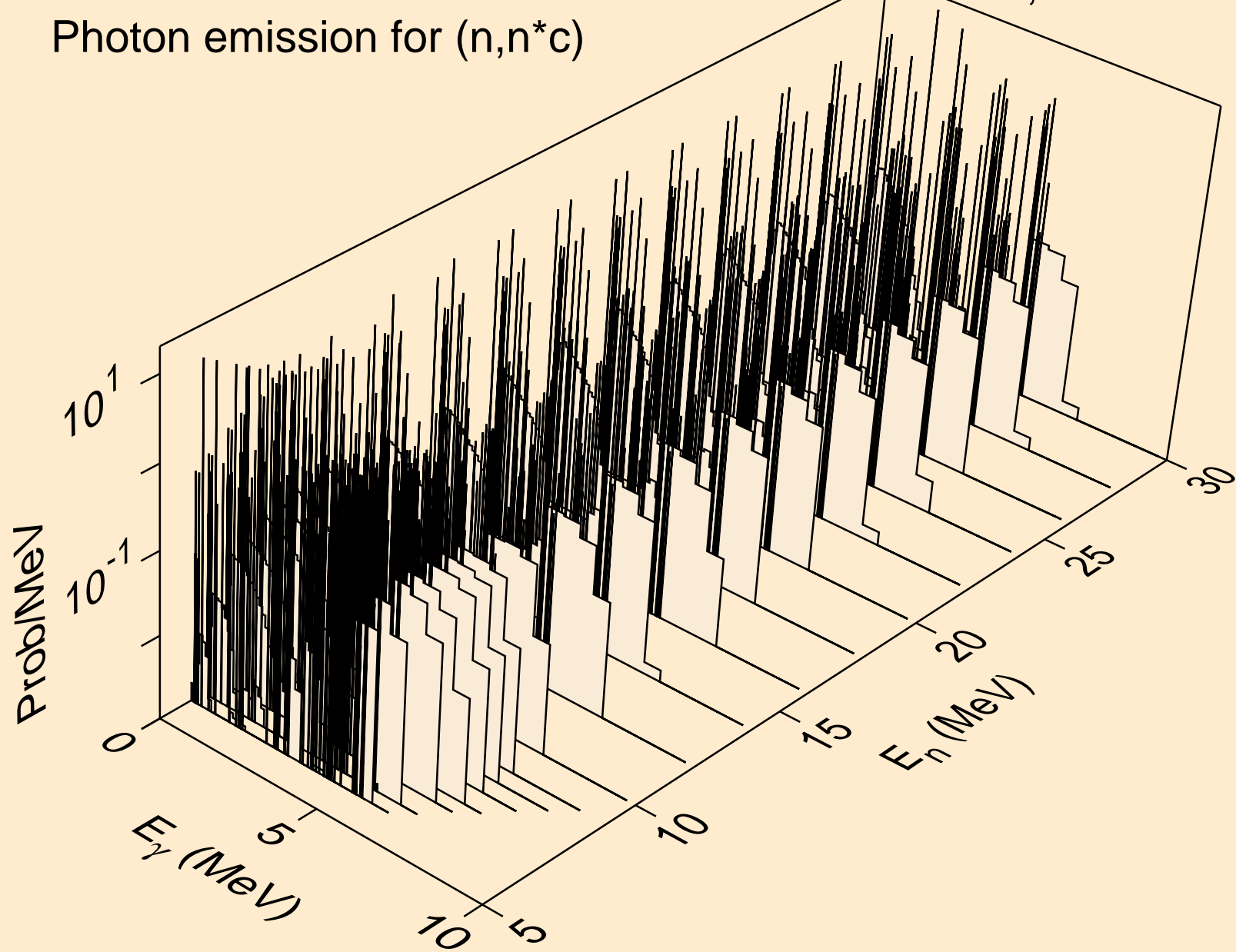
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



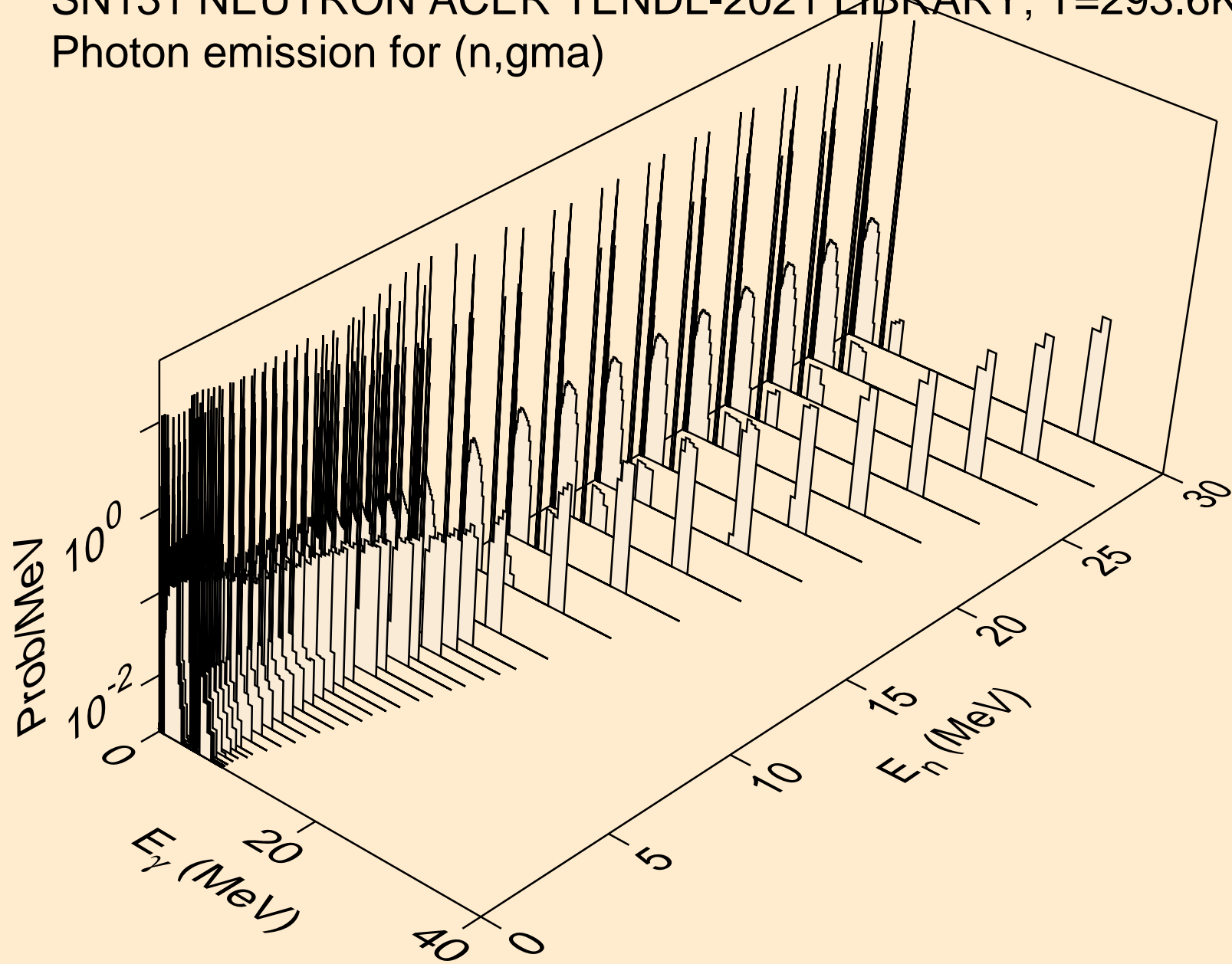
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



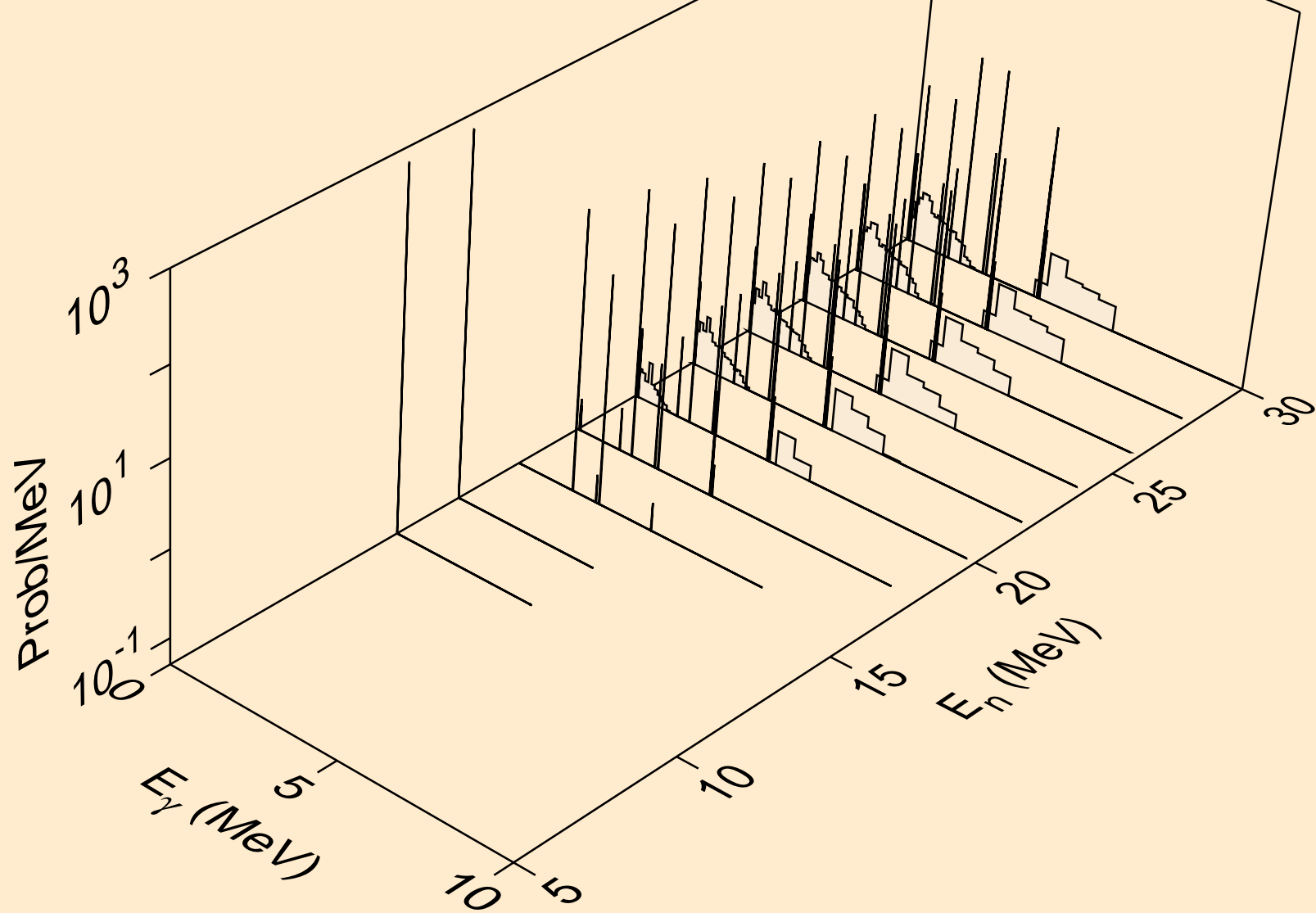
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



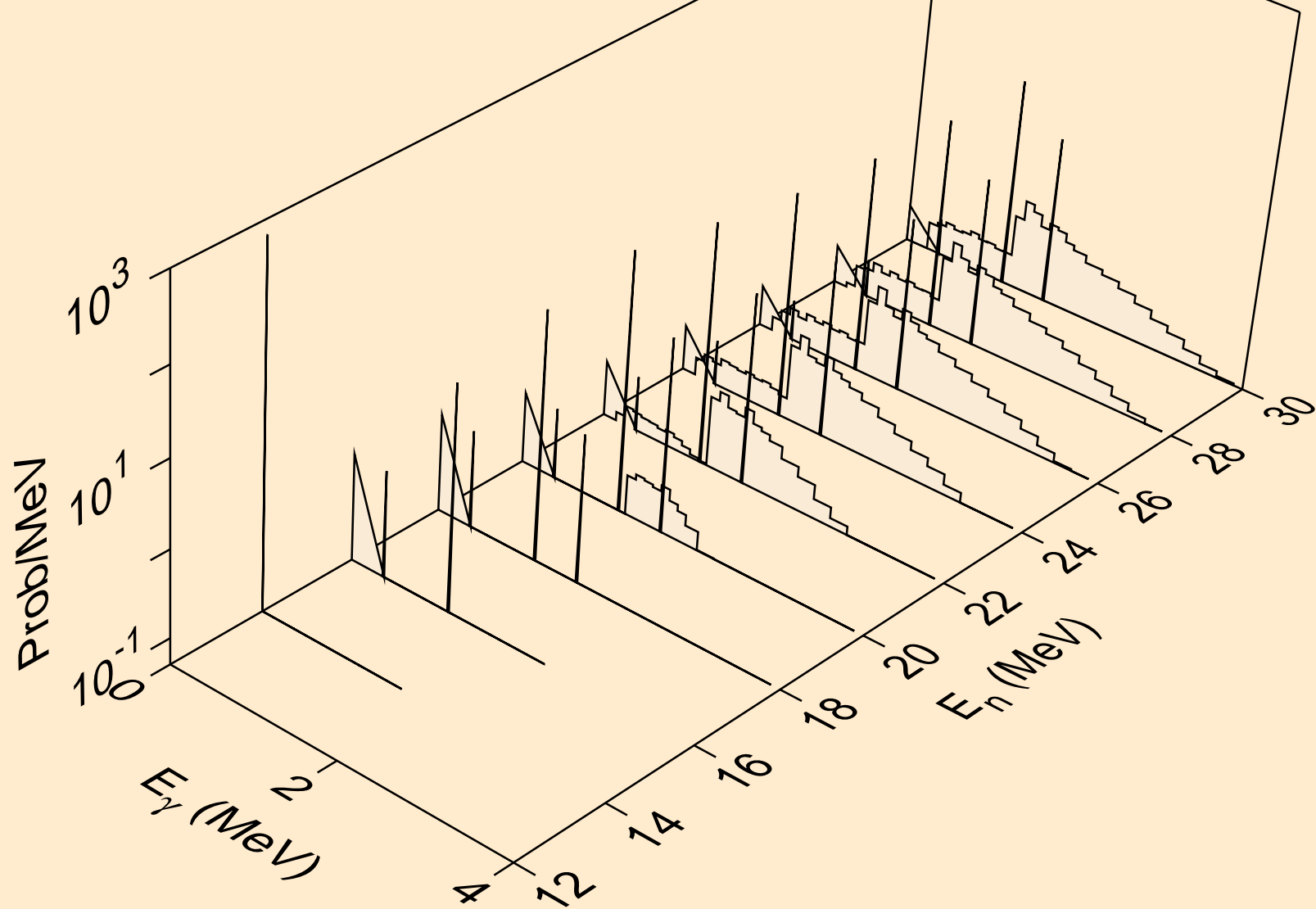
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



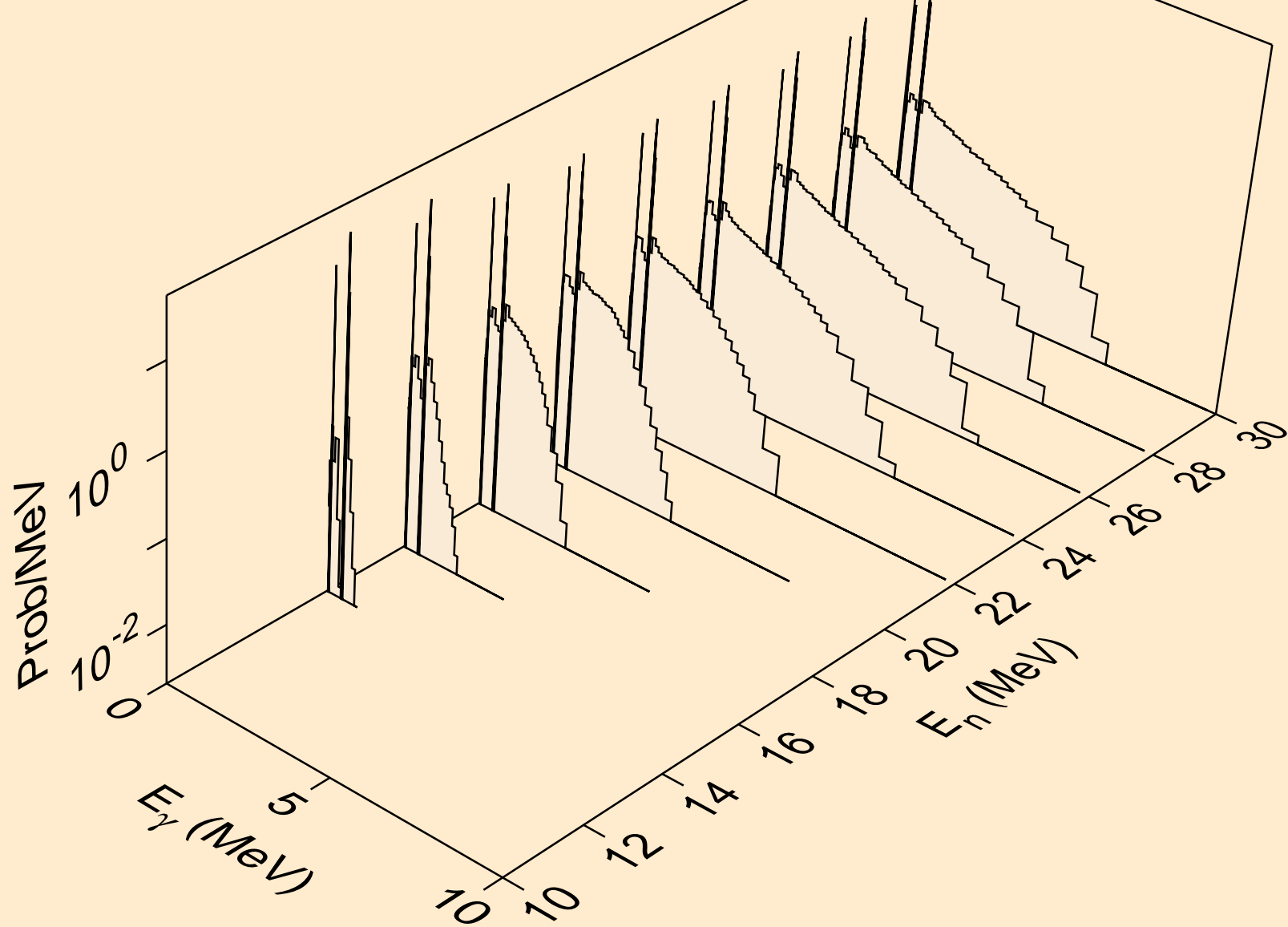
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



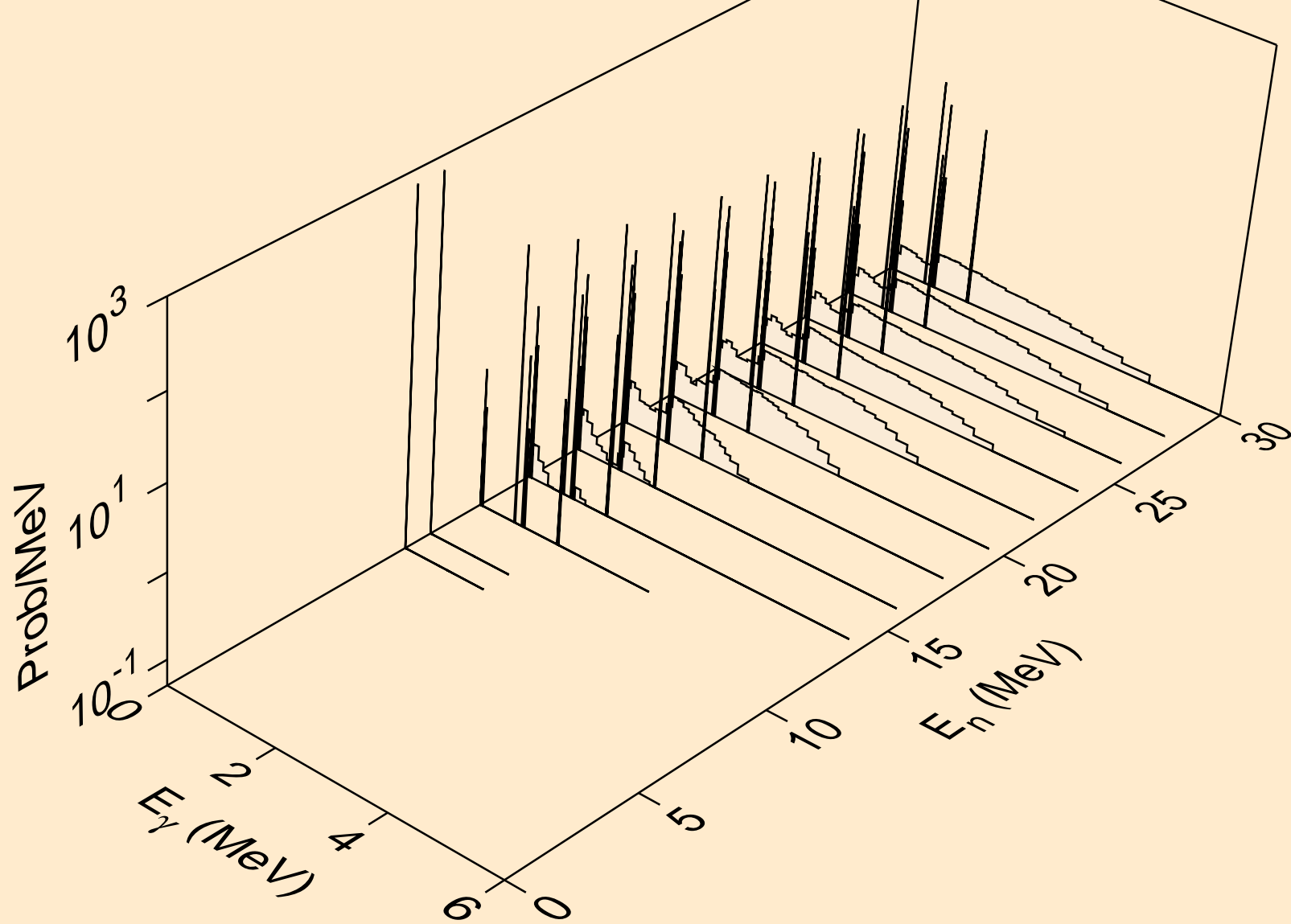
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

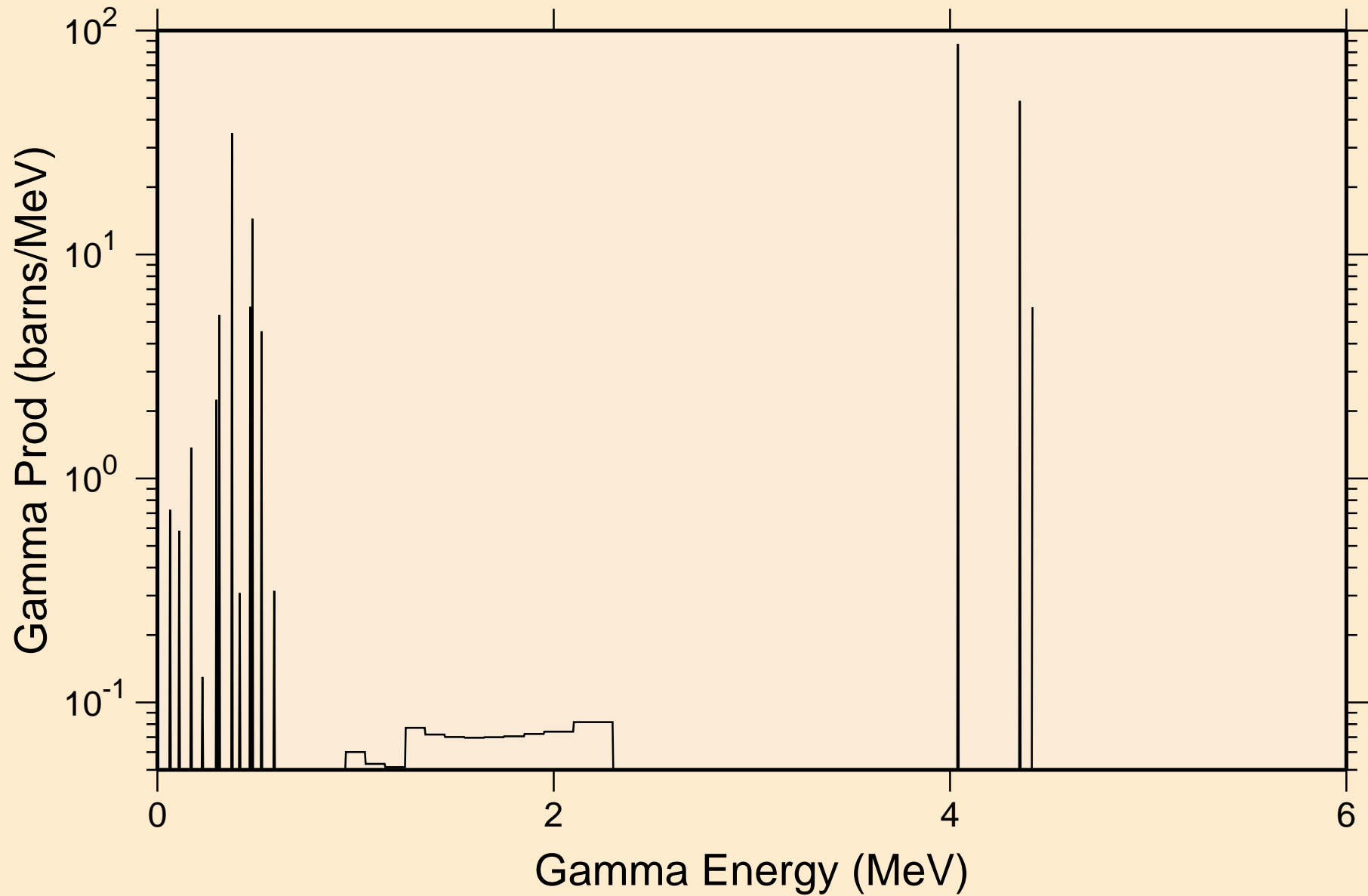


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

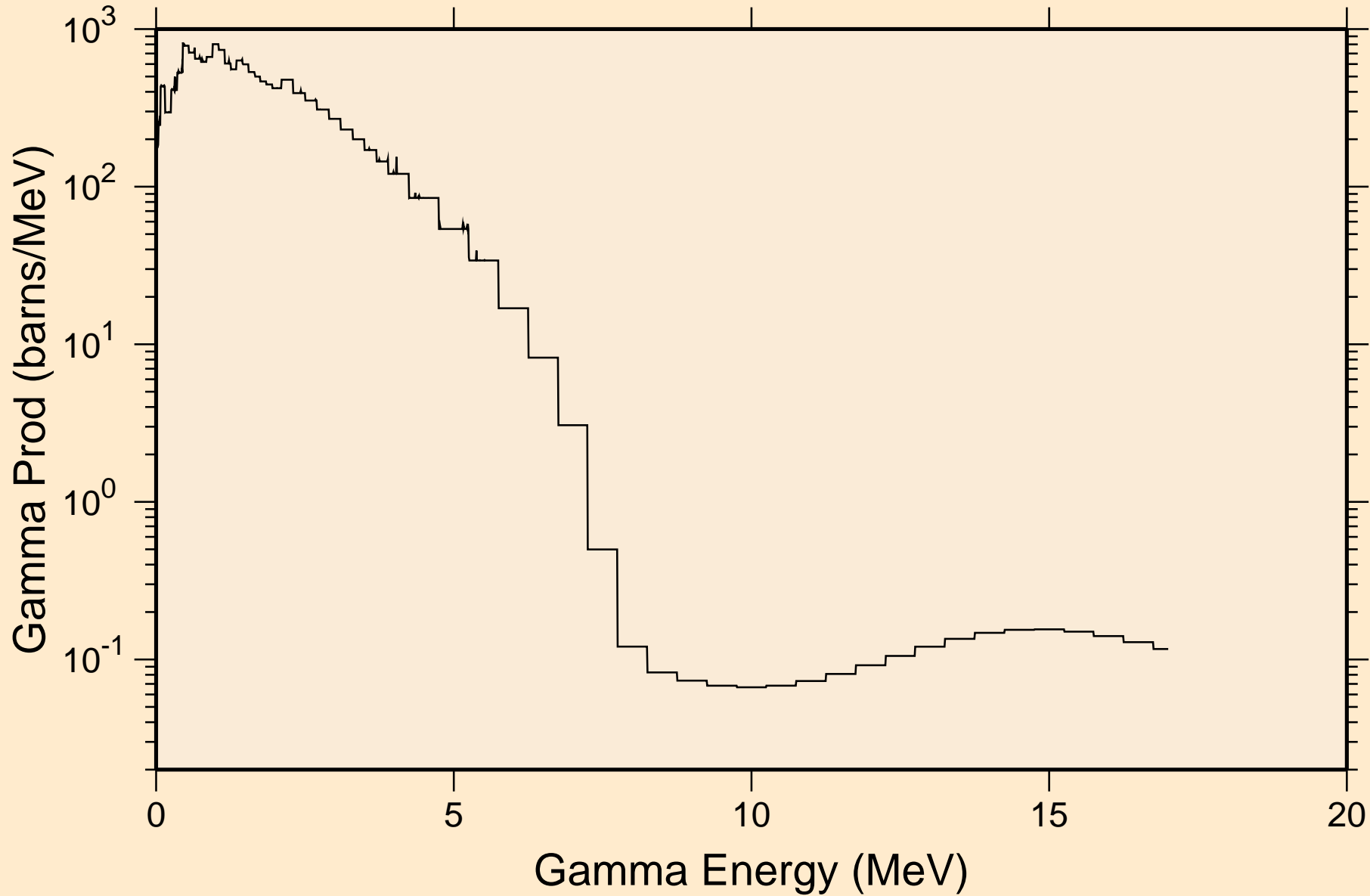




SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

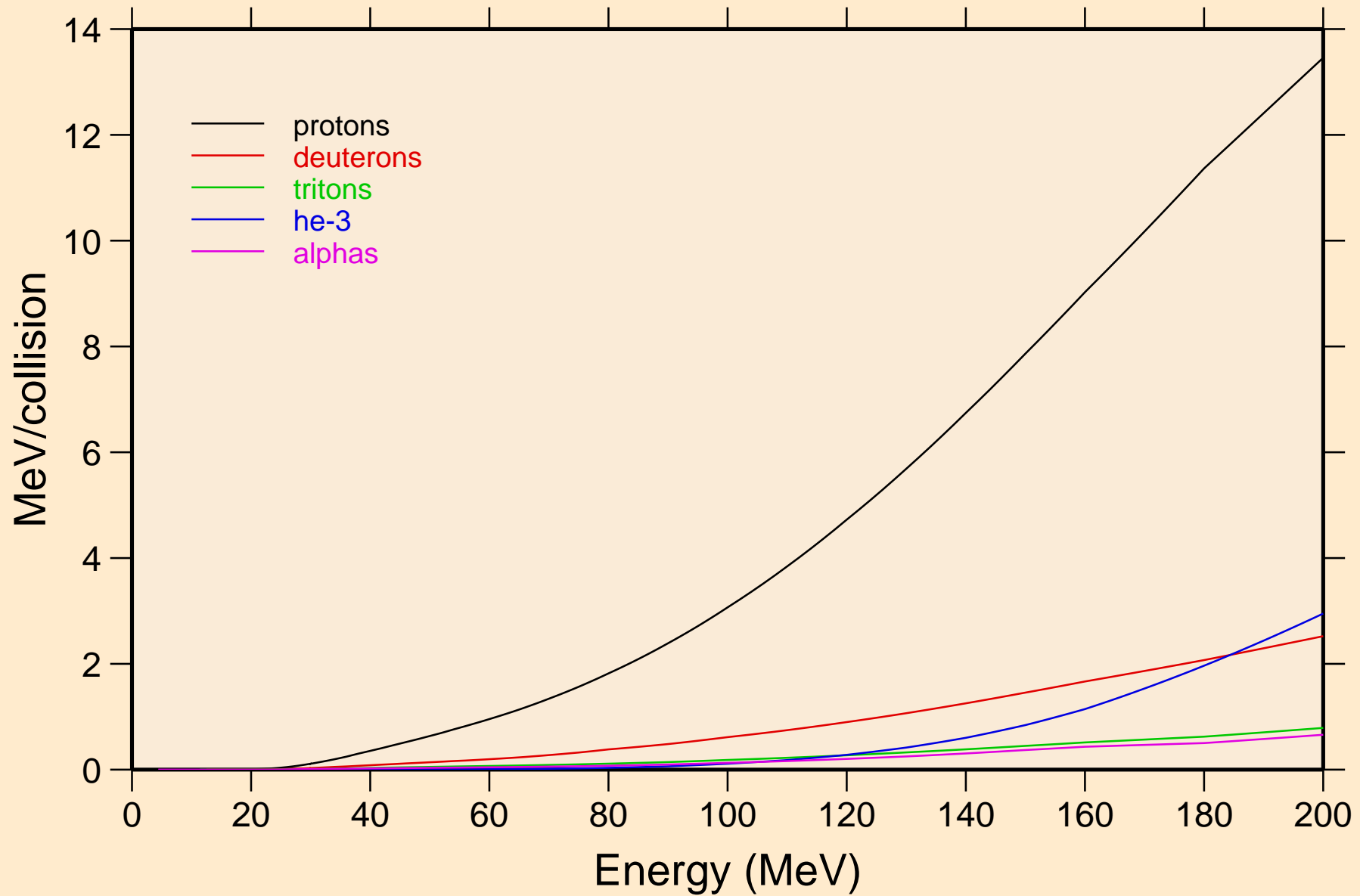


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

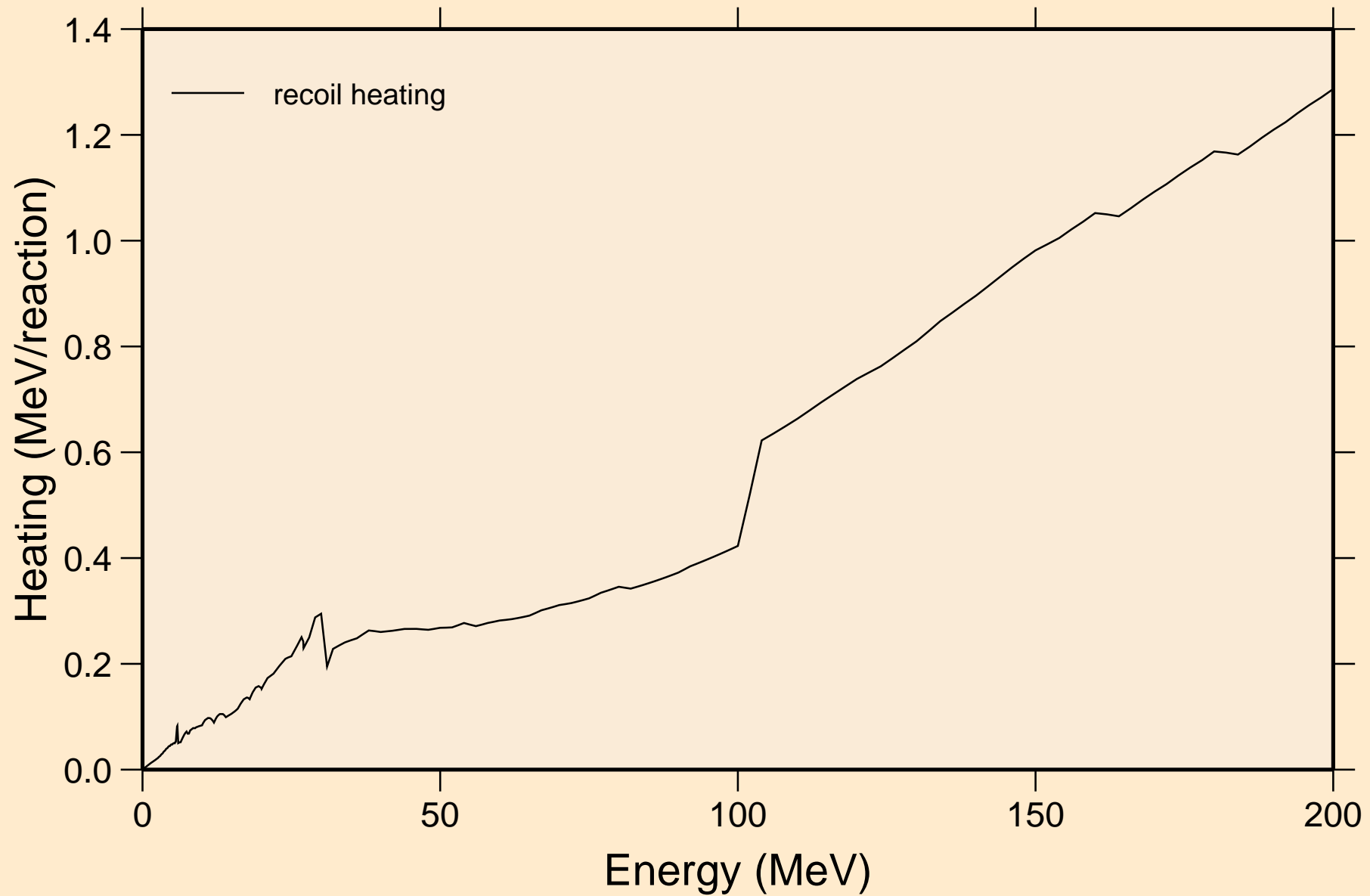


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

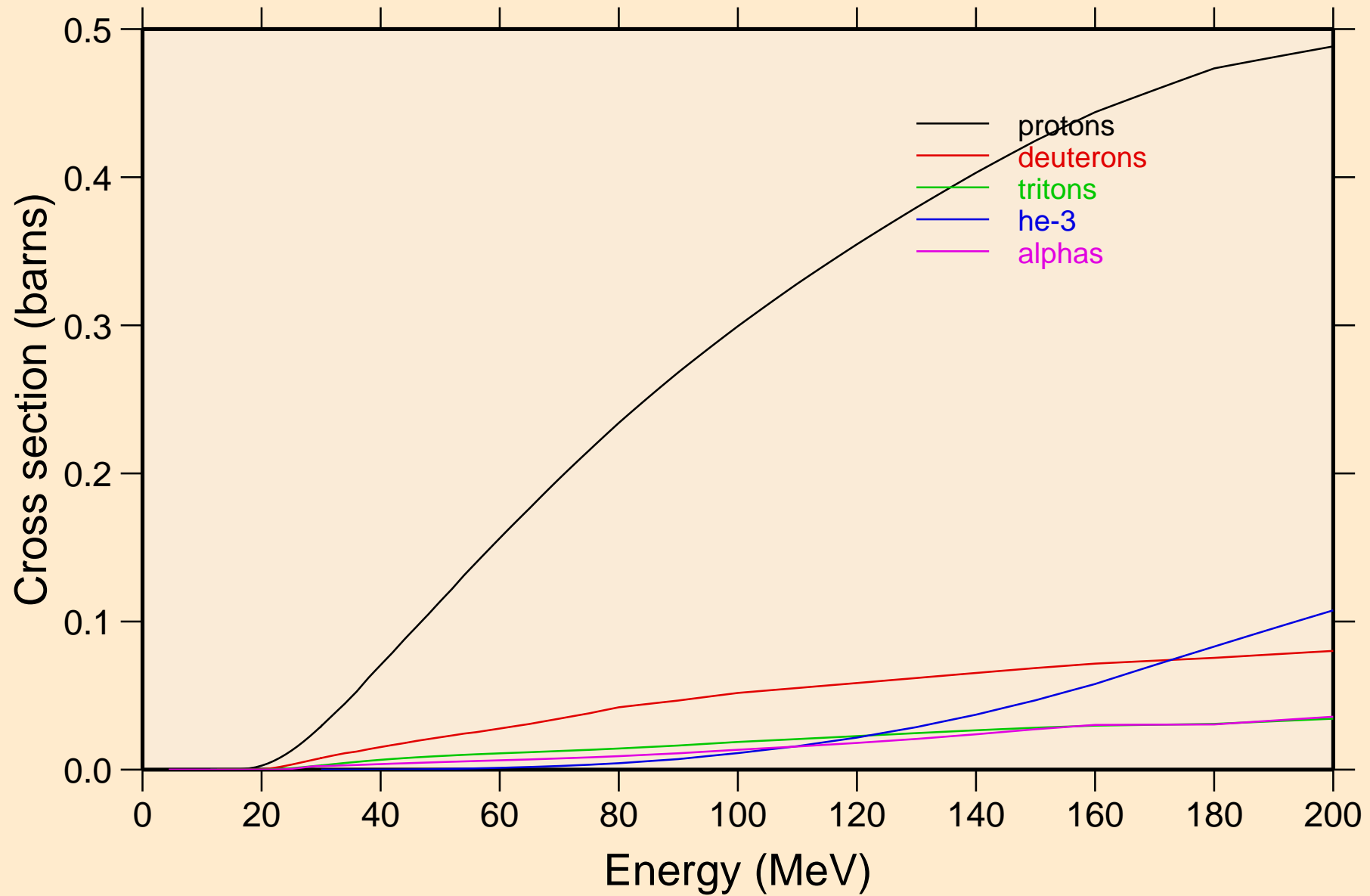


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

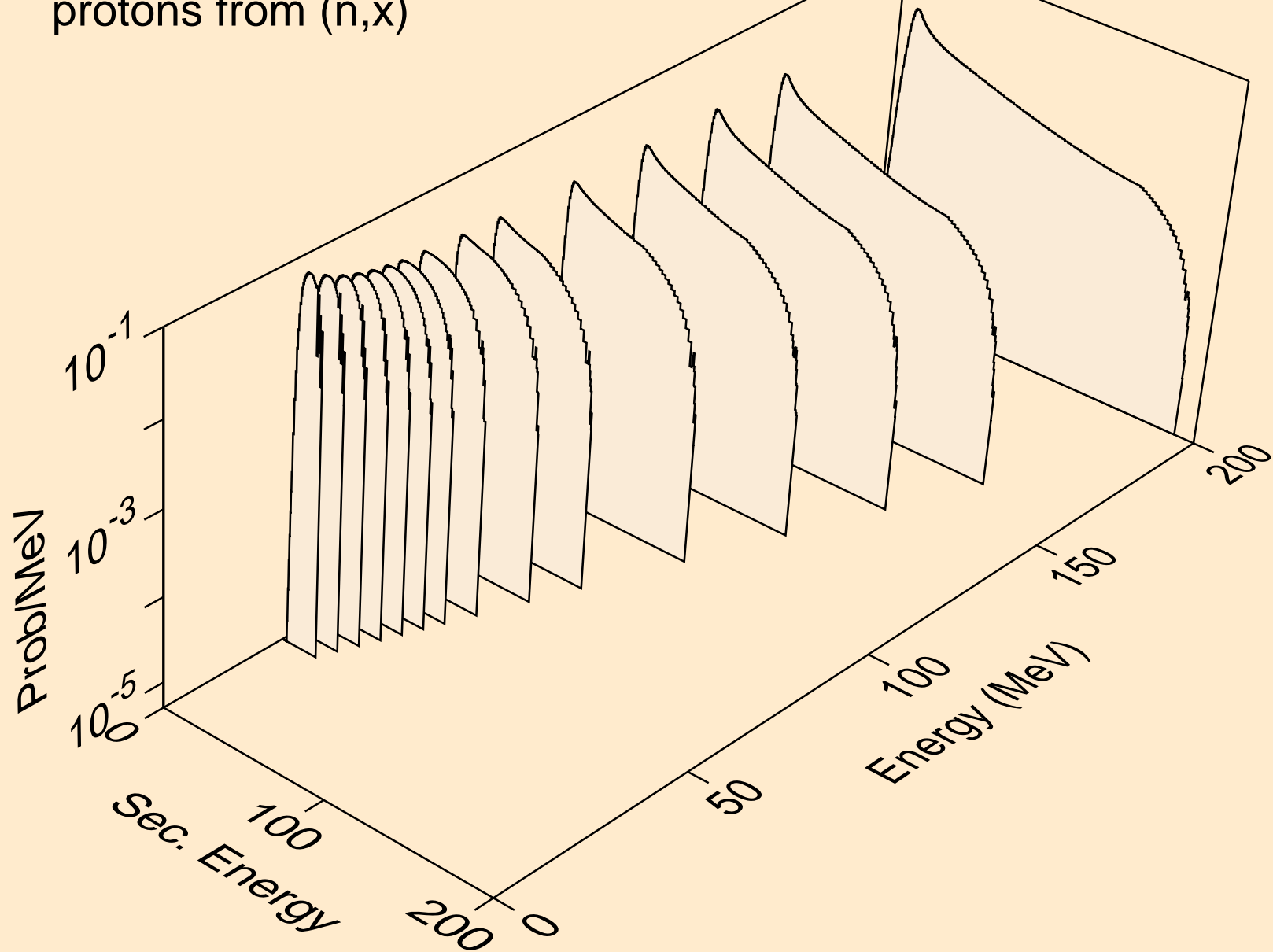


# SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

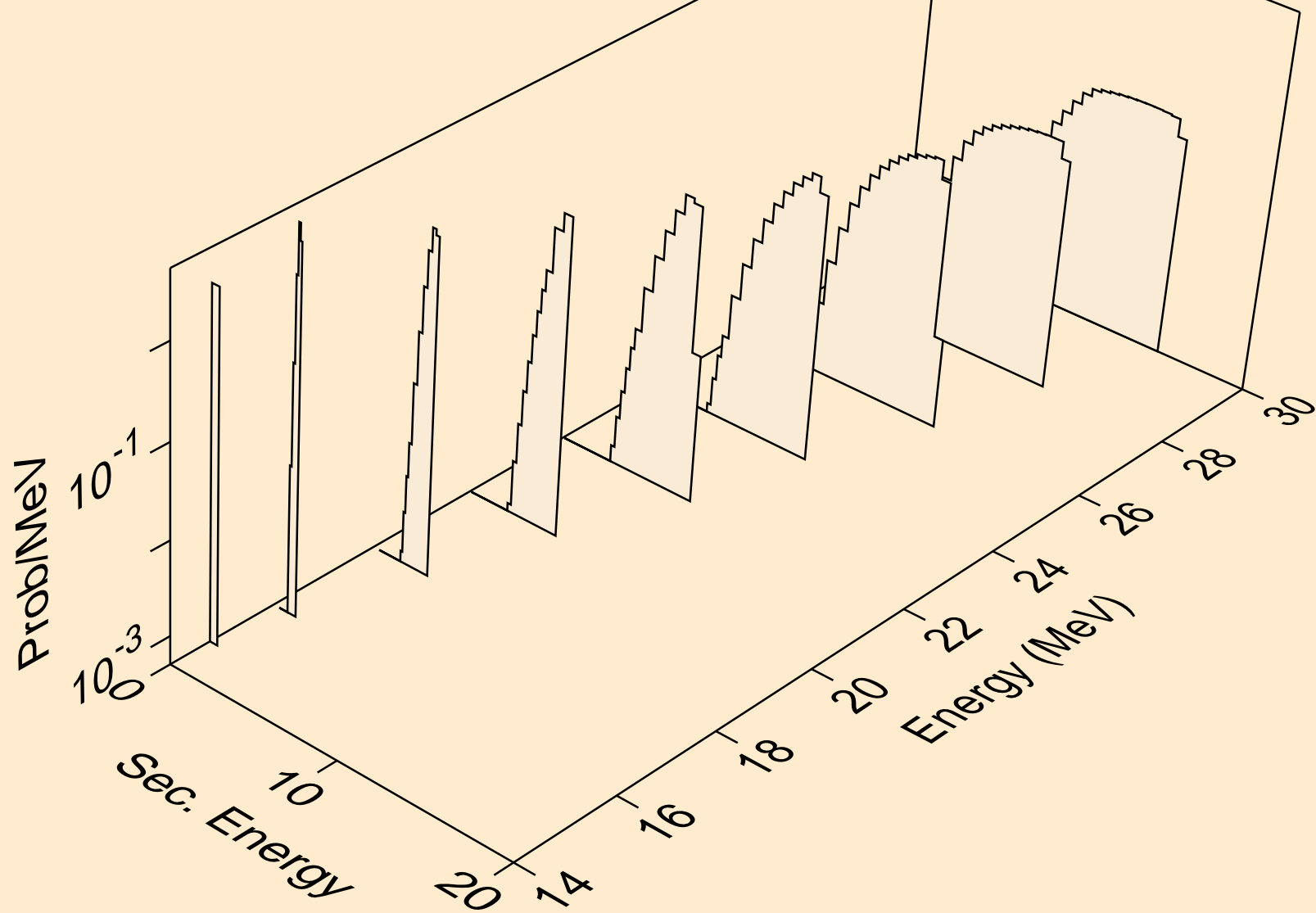
## Particle production cross sections



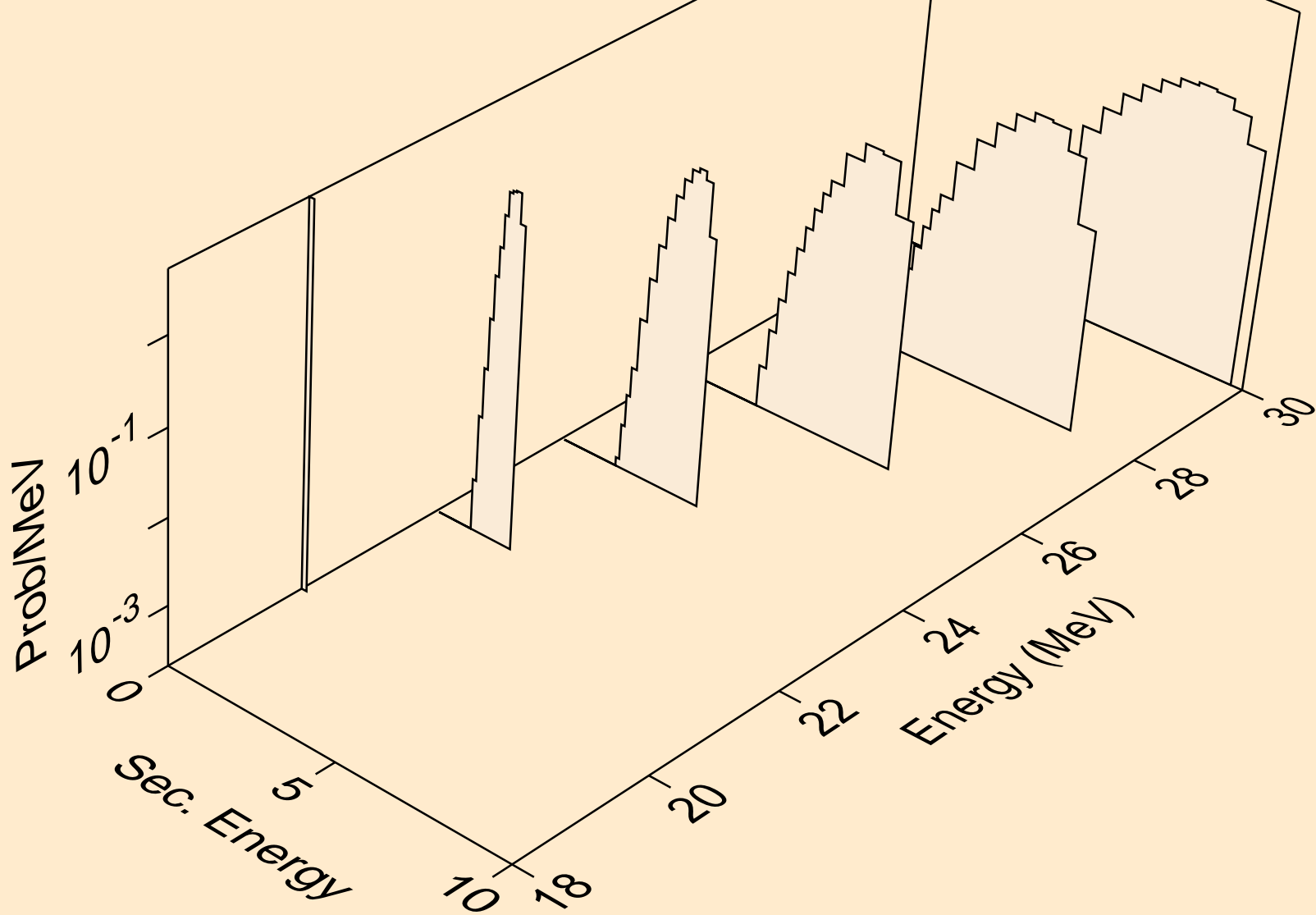
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

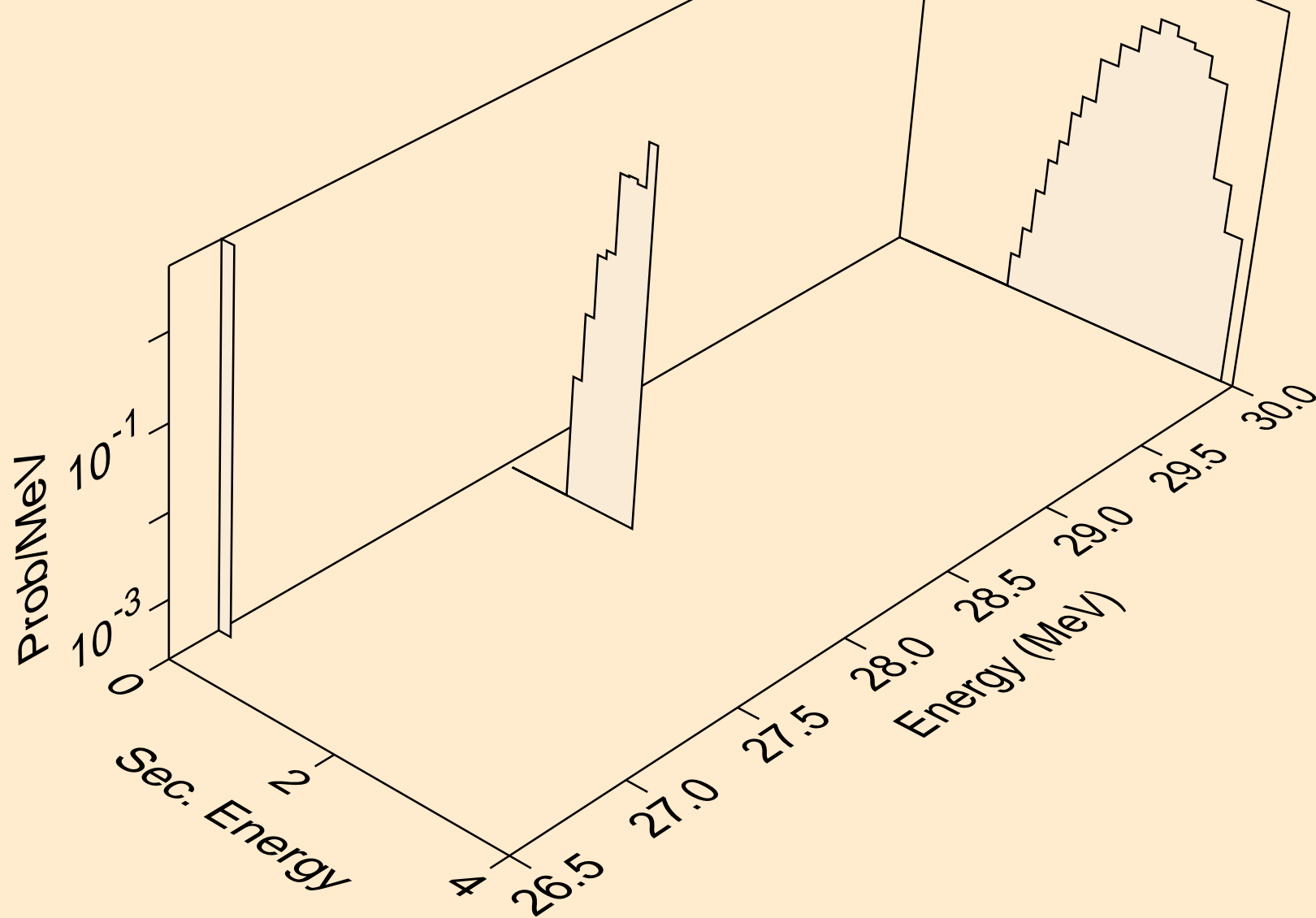


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

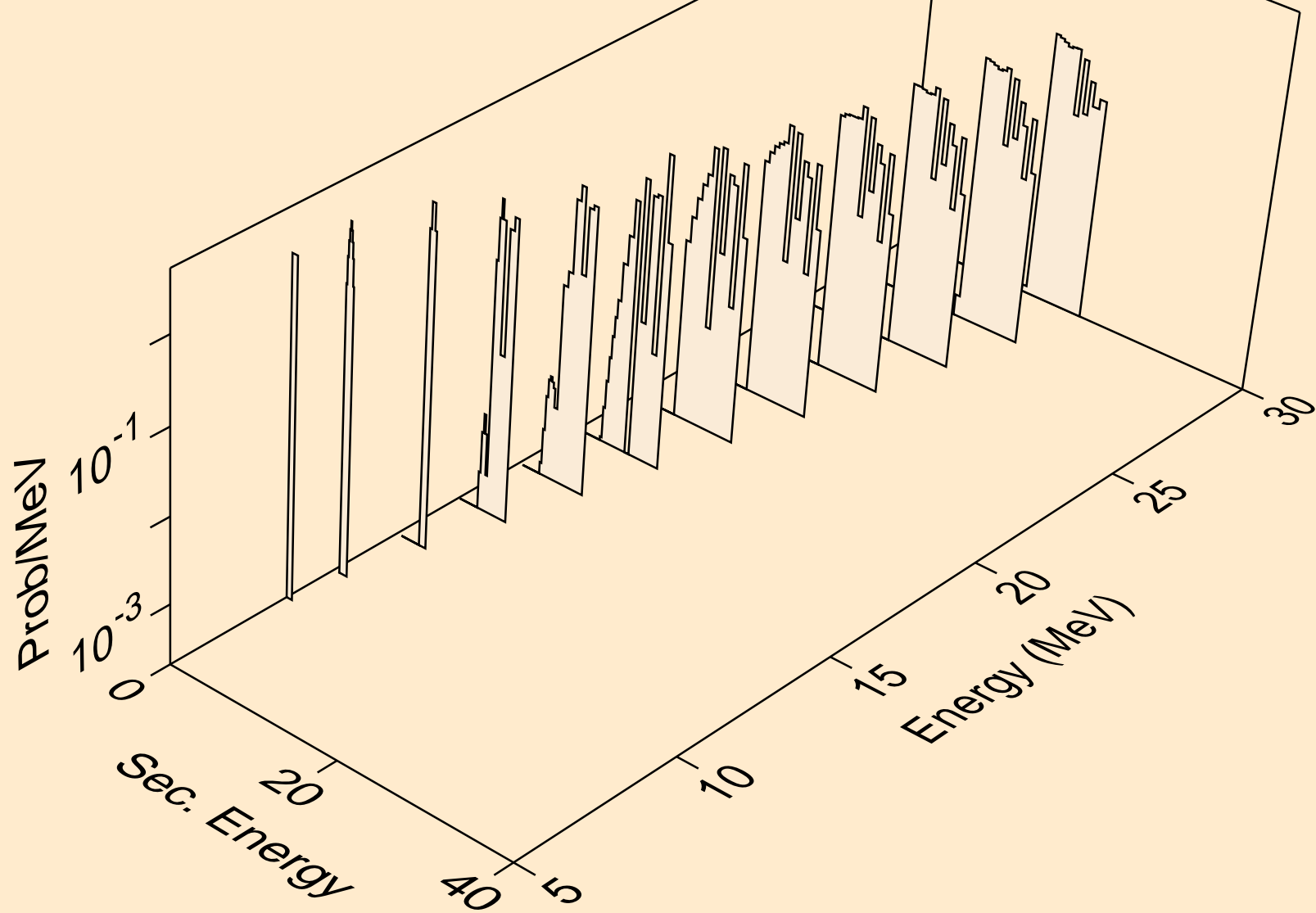




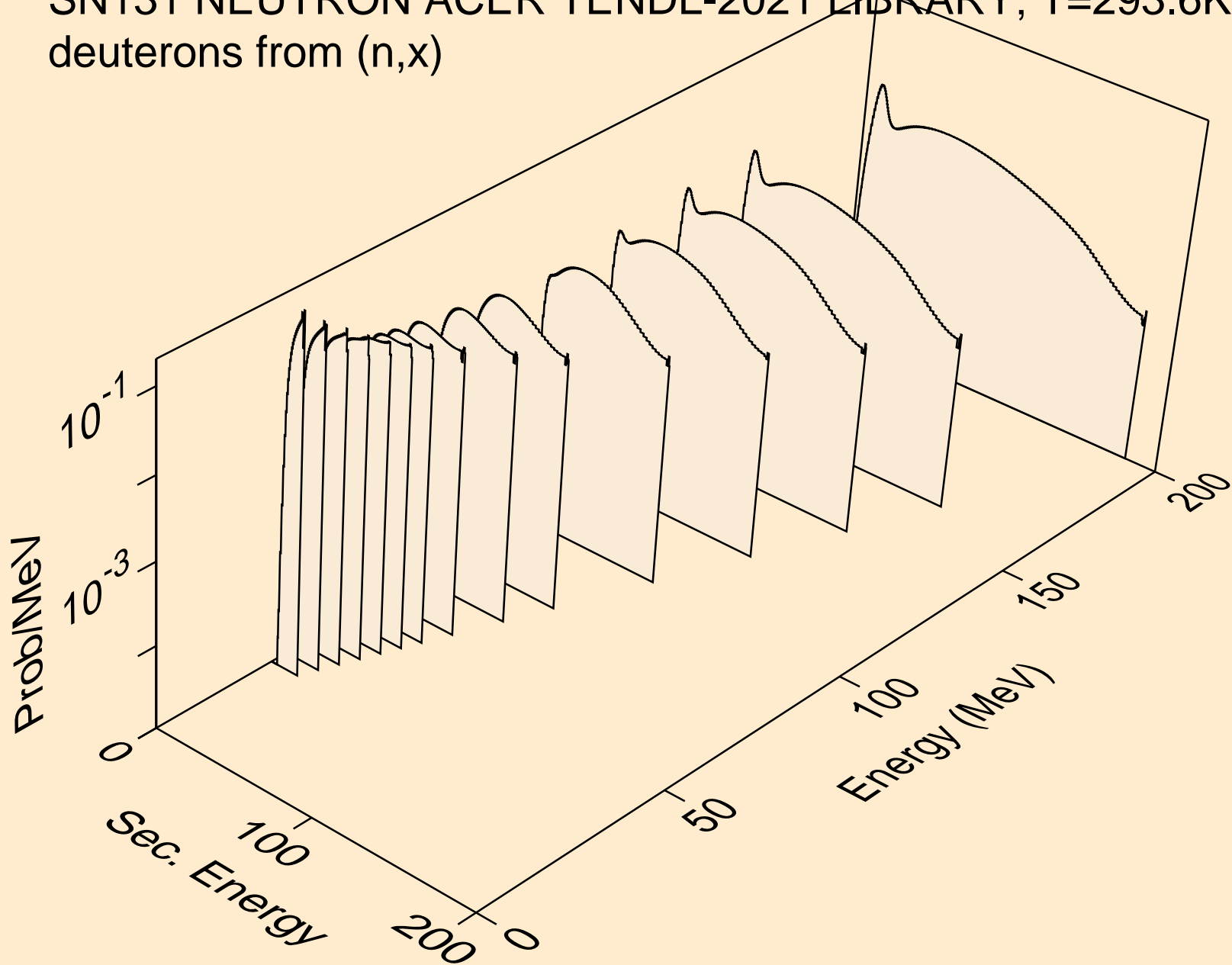
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



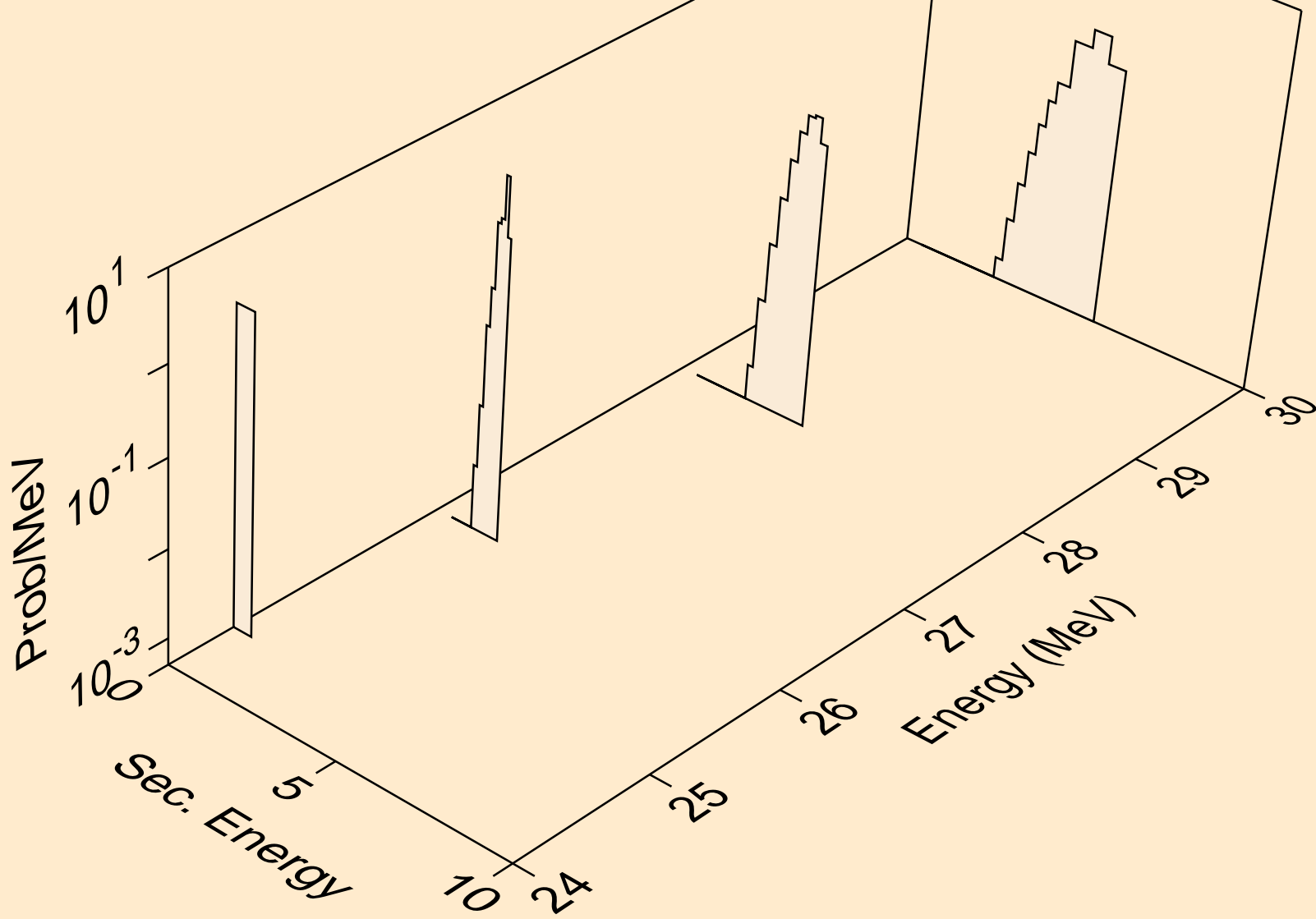
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



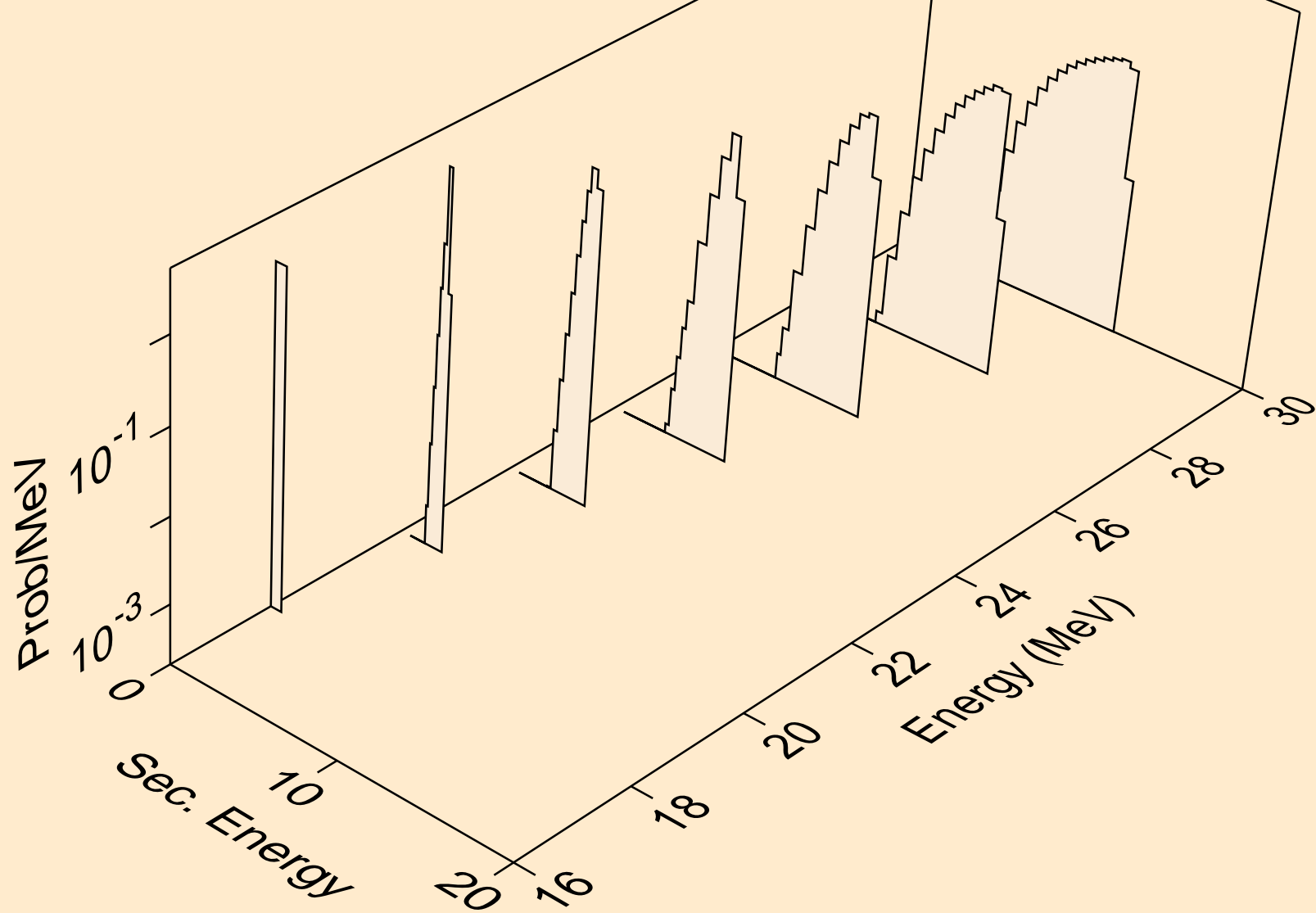
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



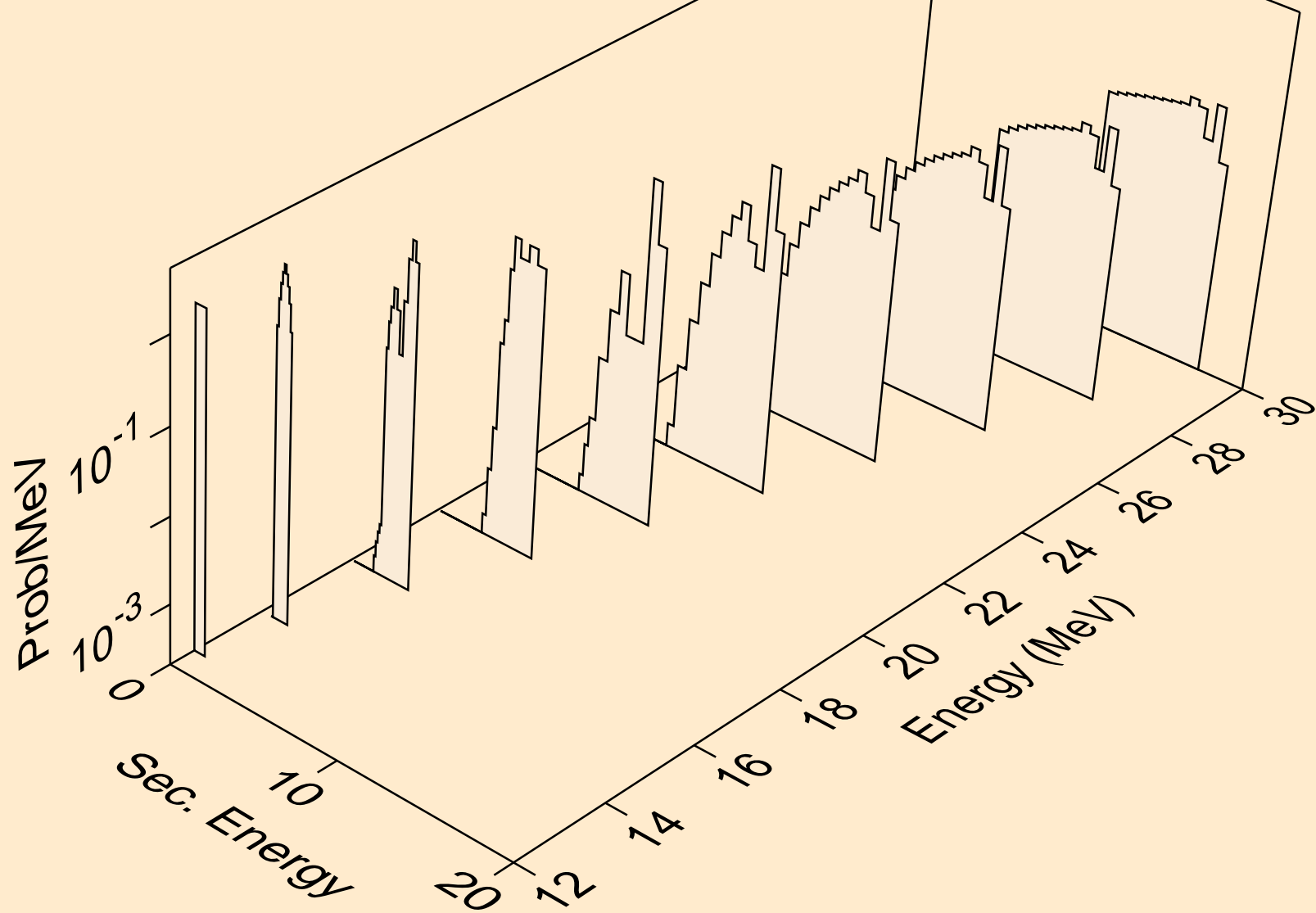
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



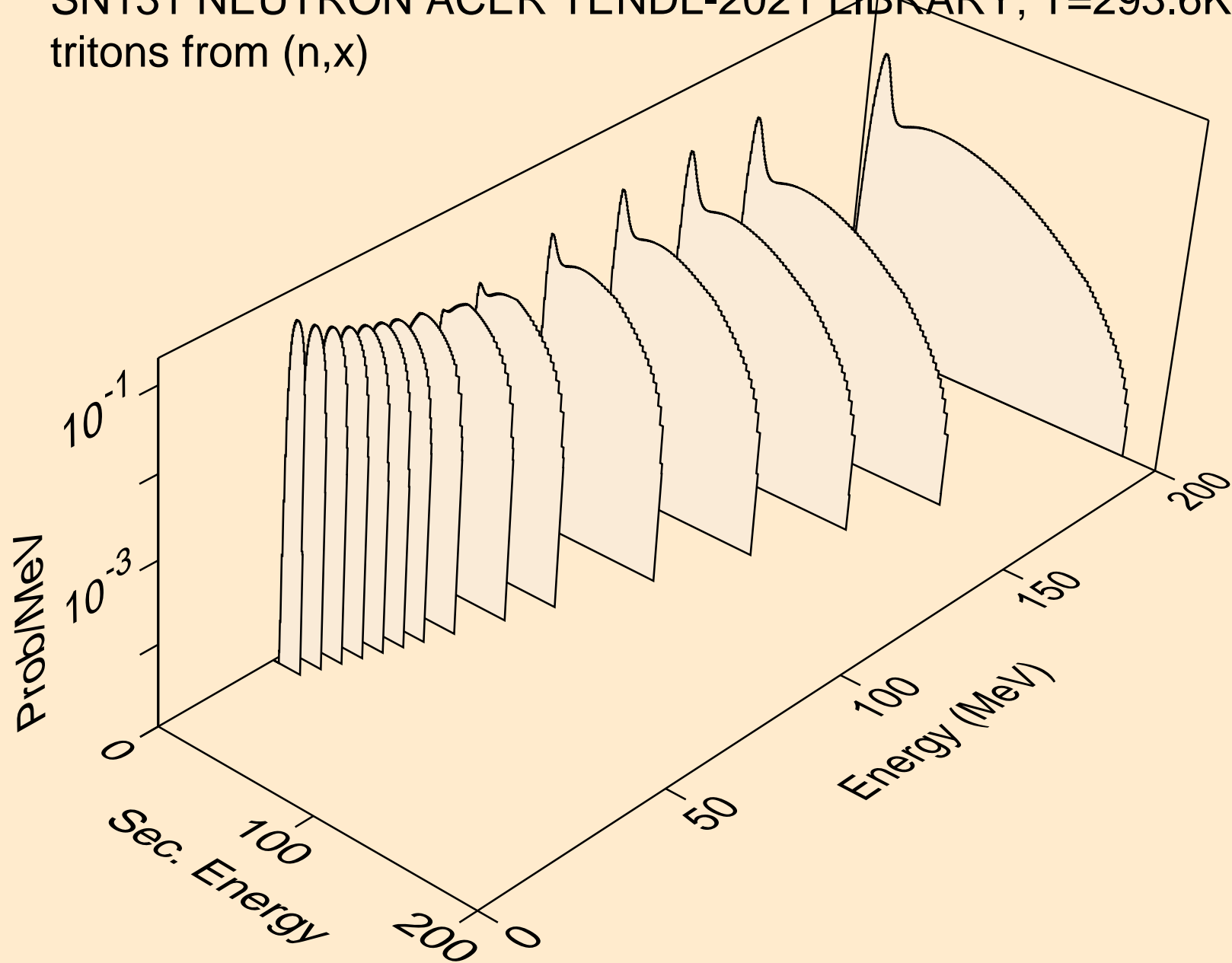
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



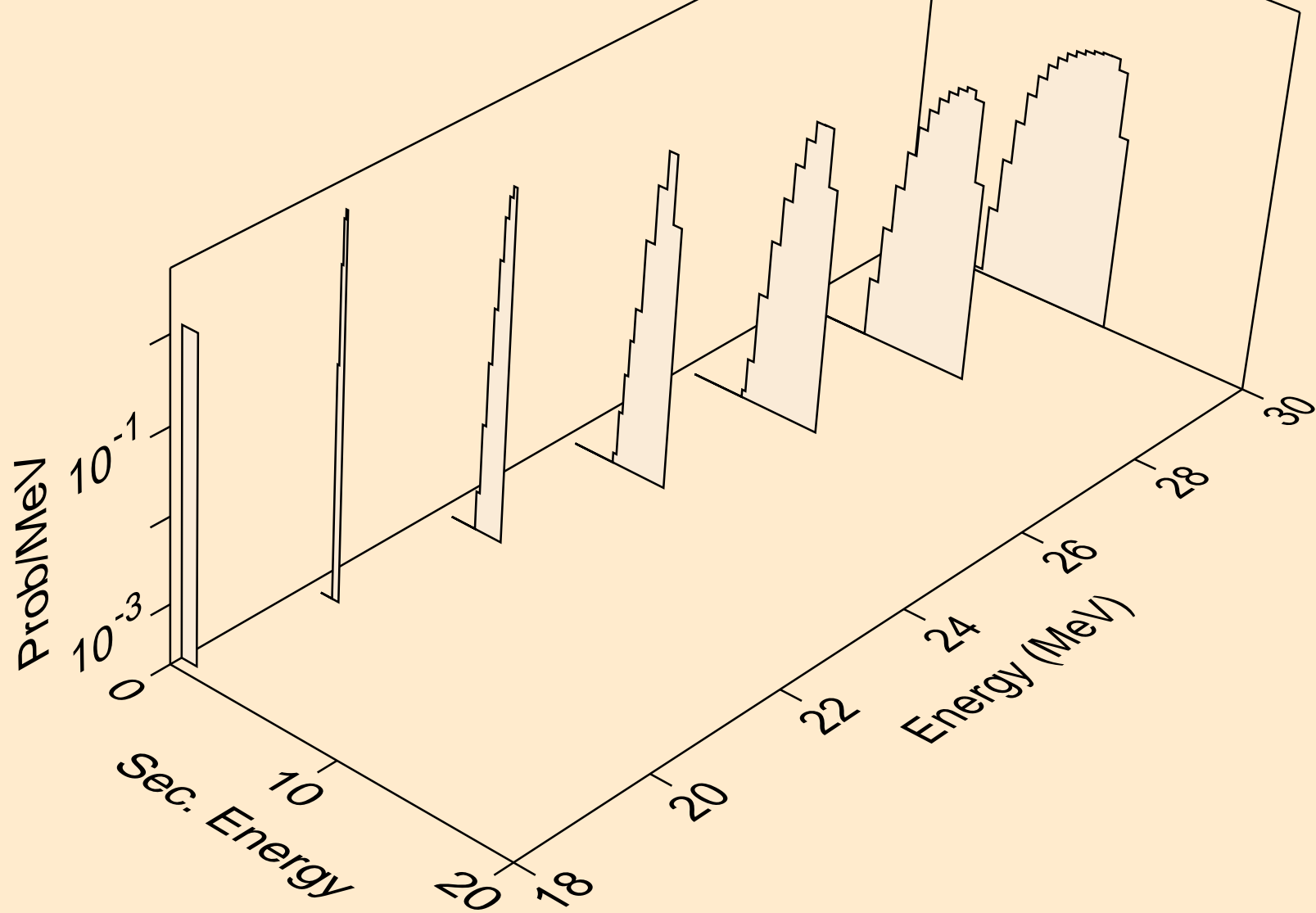
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

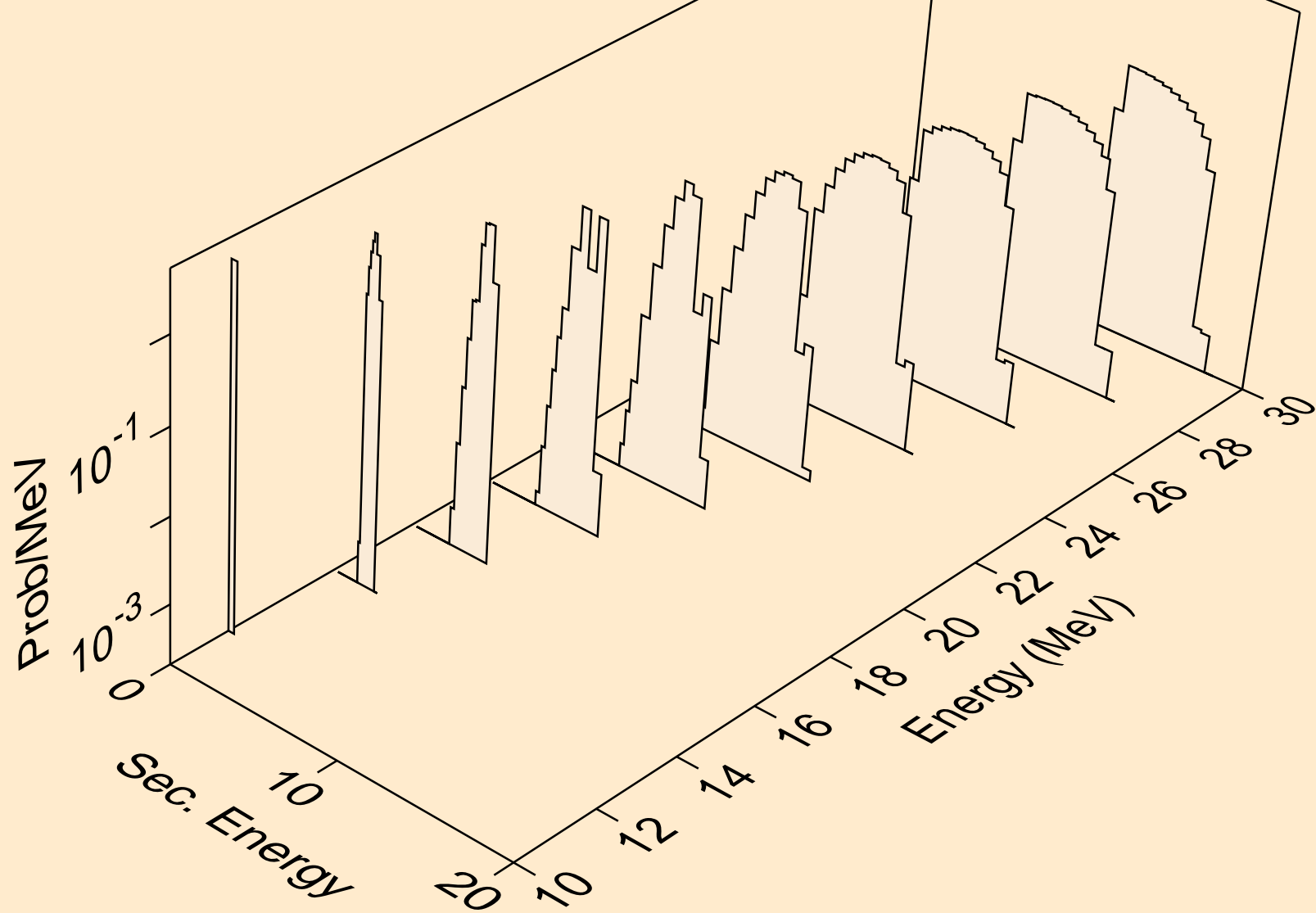


SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

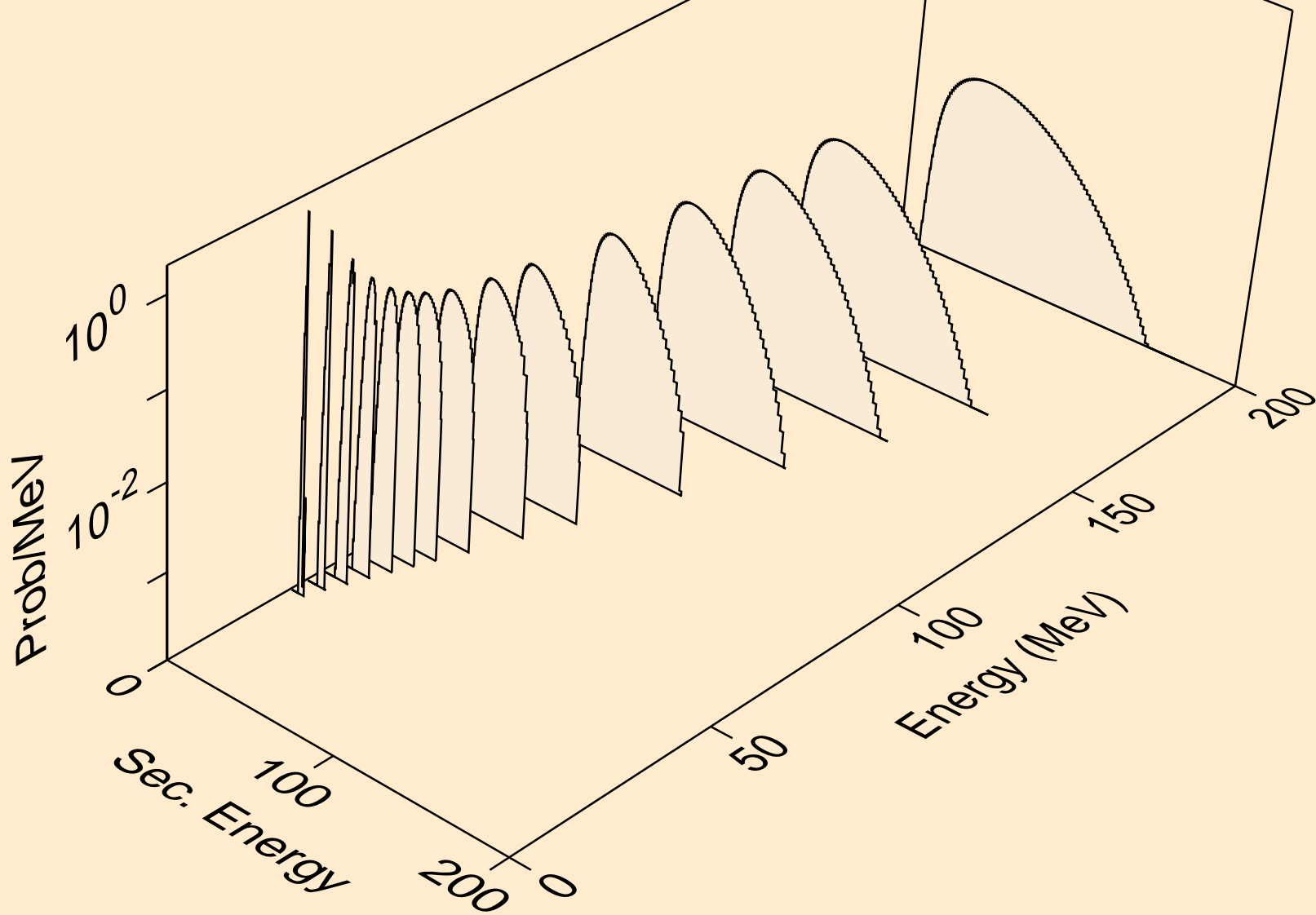




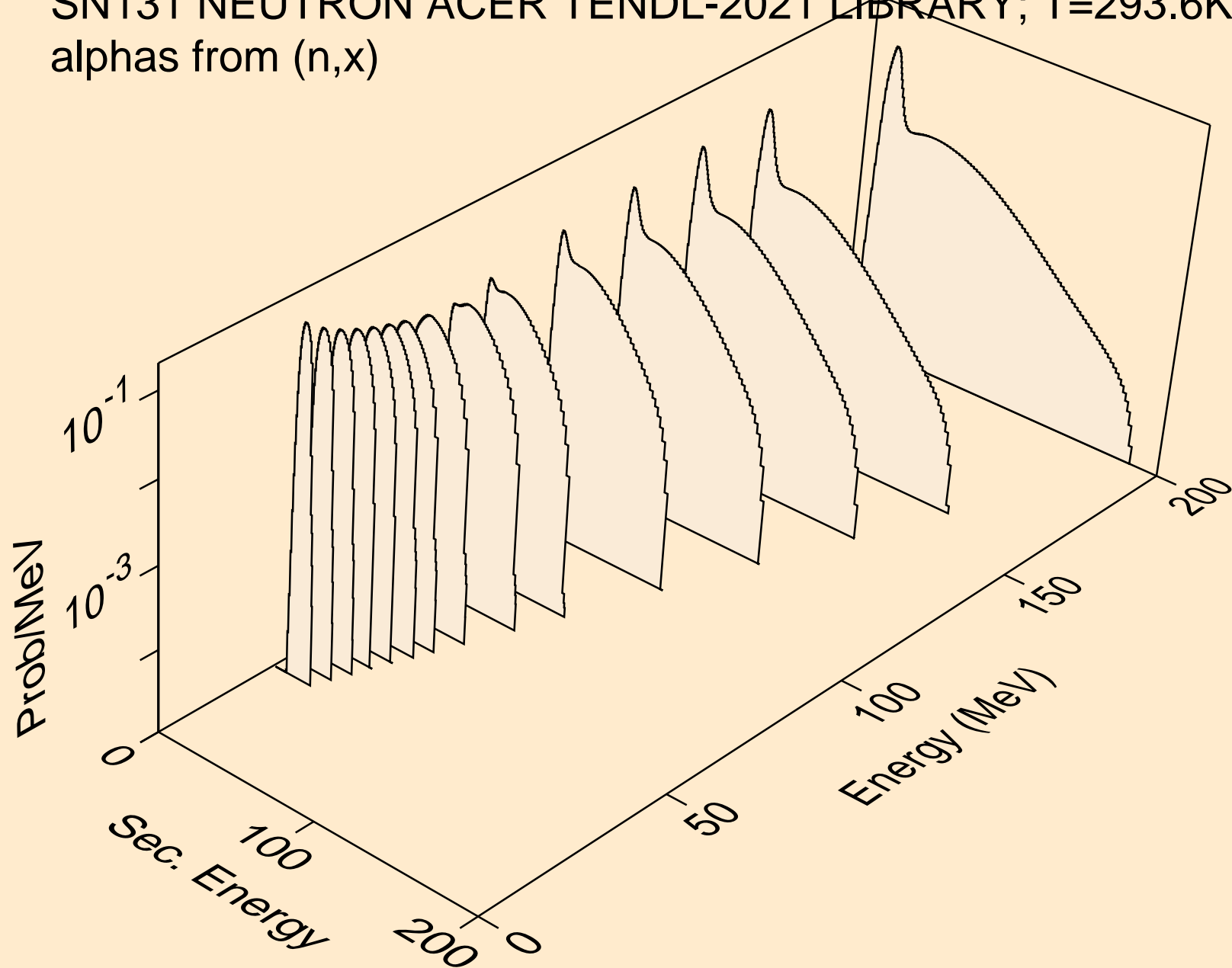
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



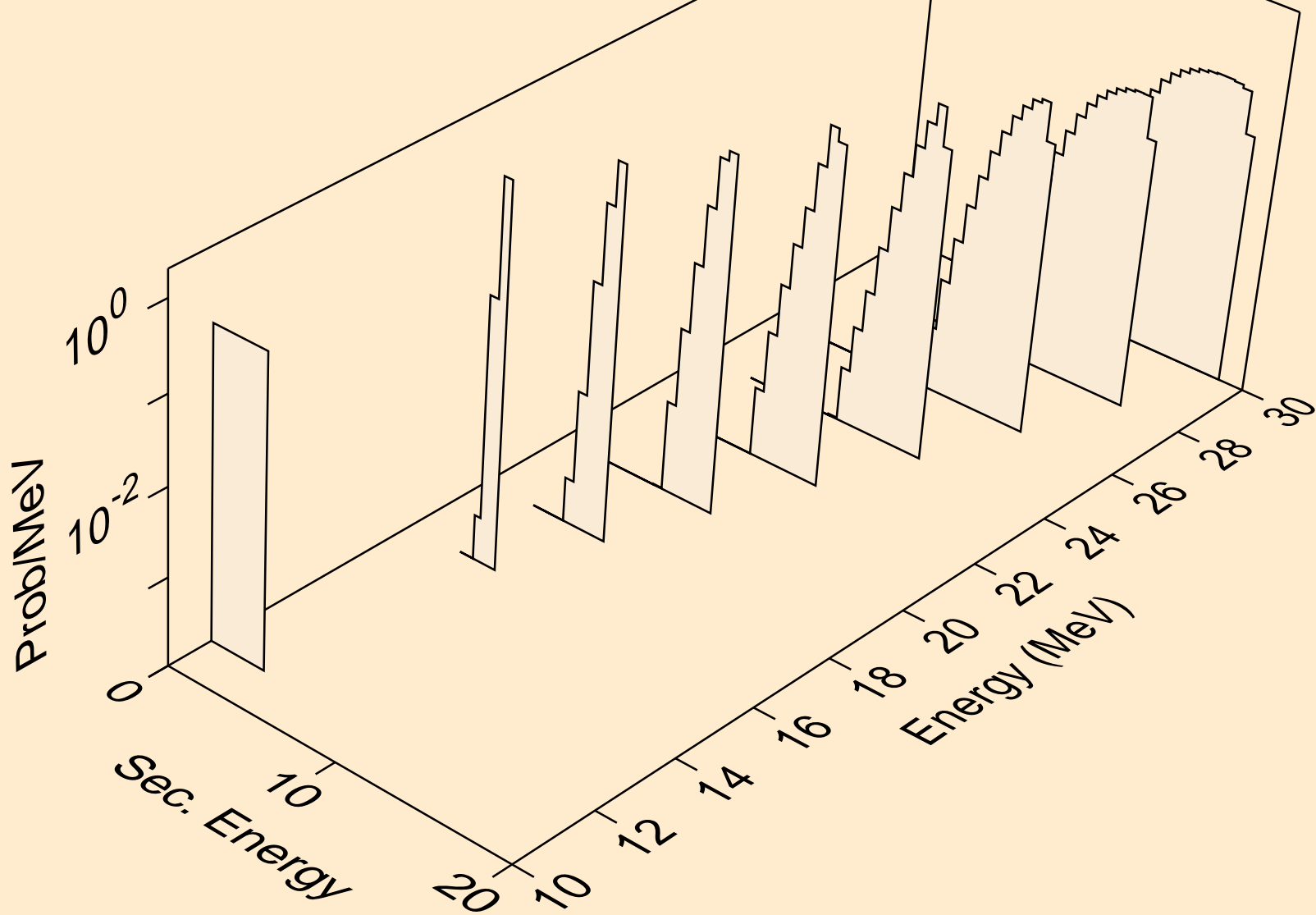
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



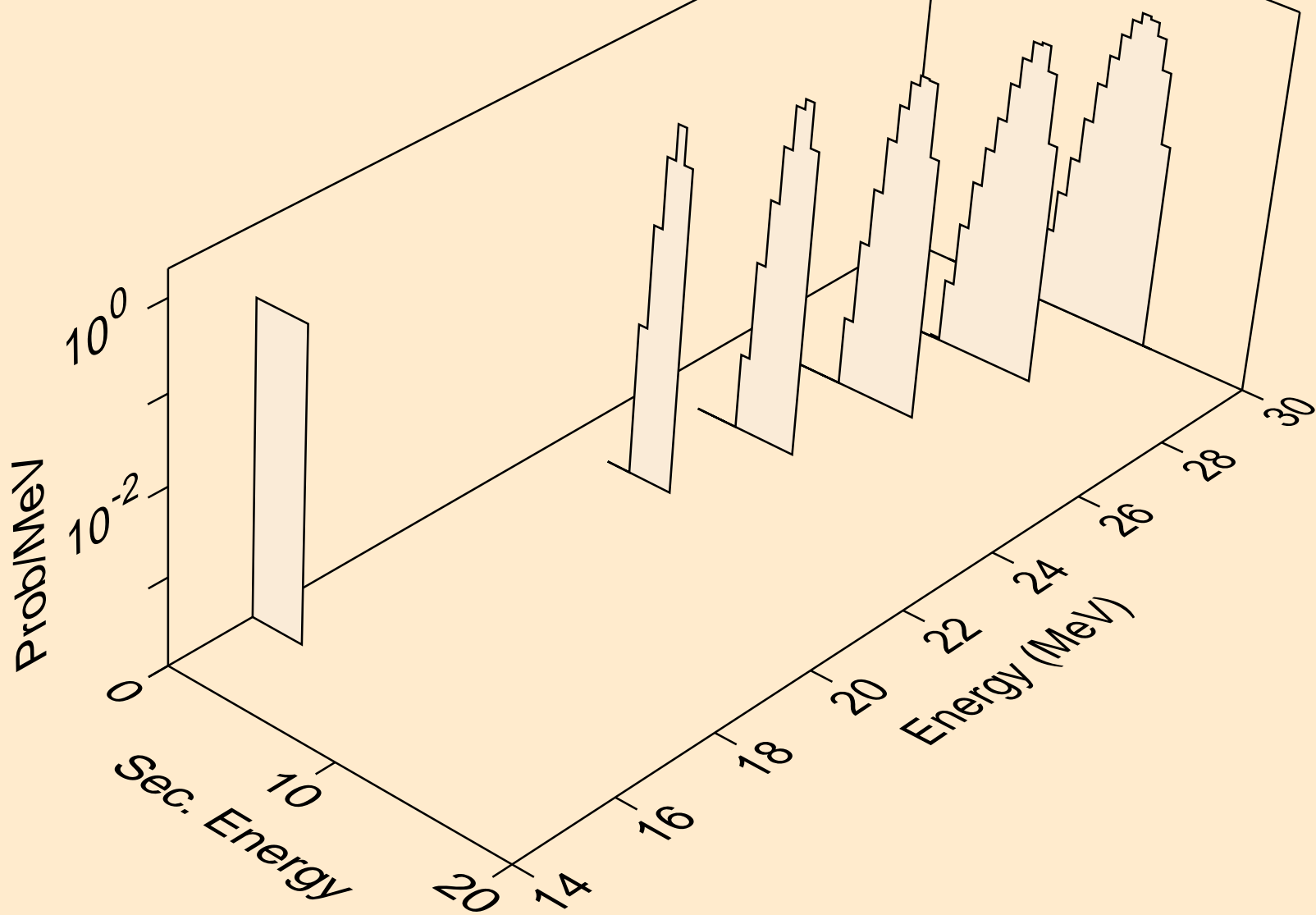
SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



SN131 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

