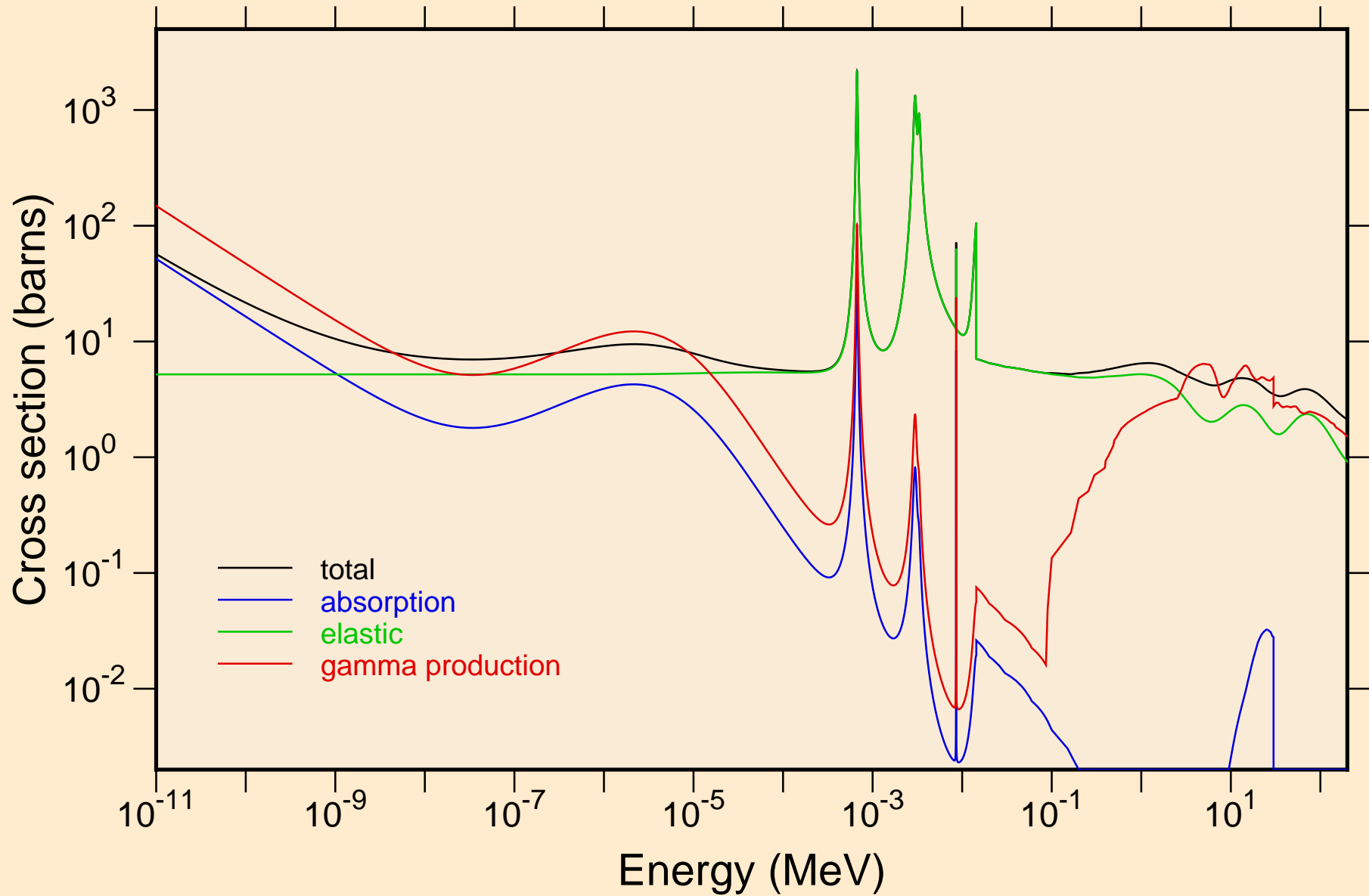


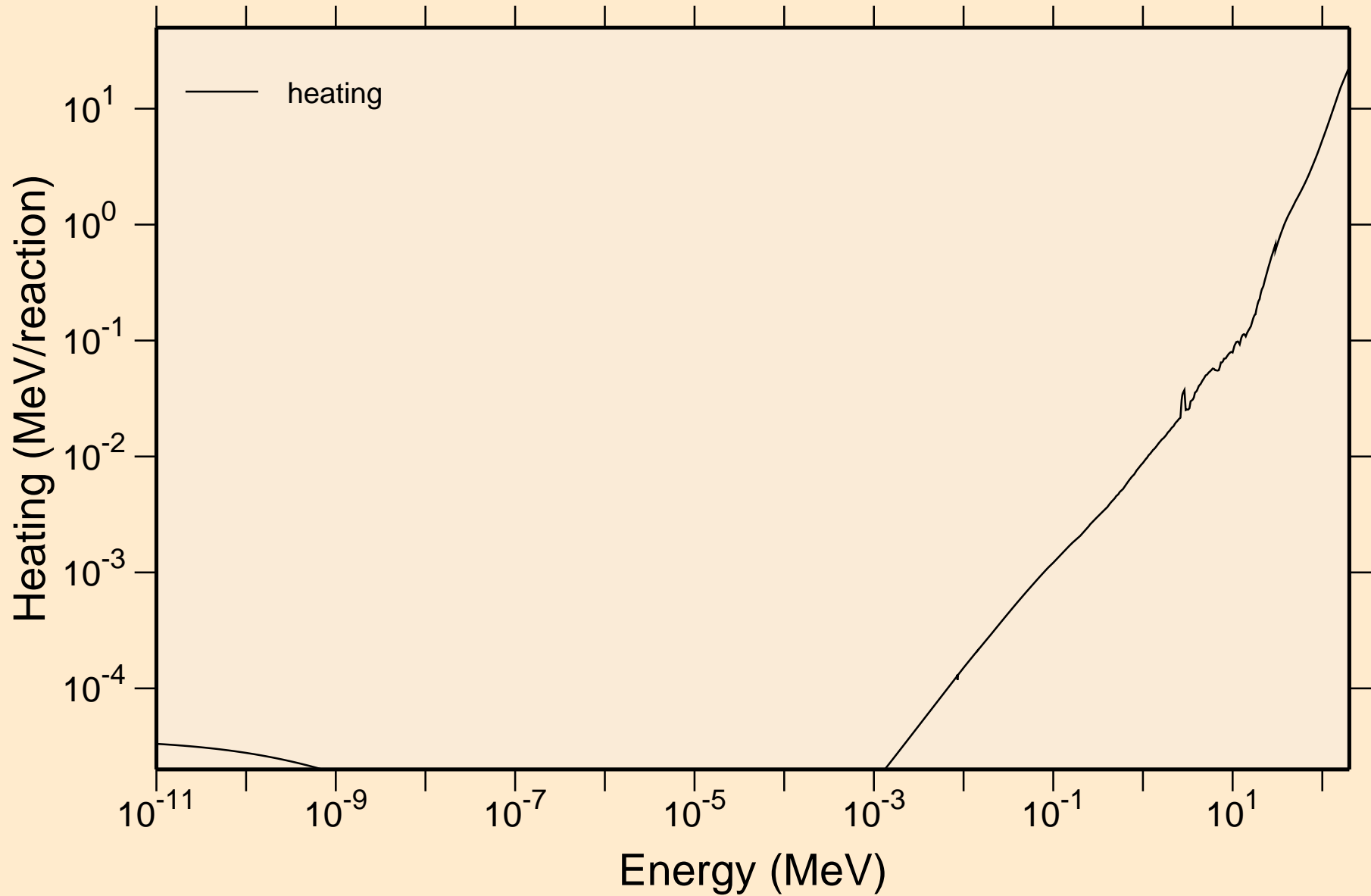
# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

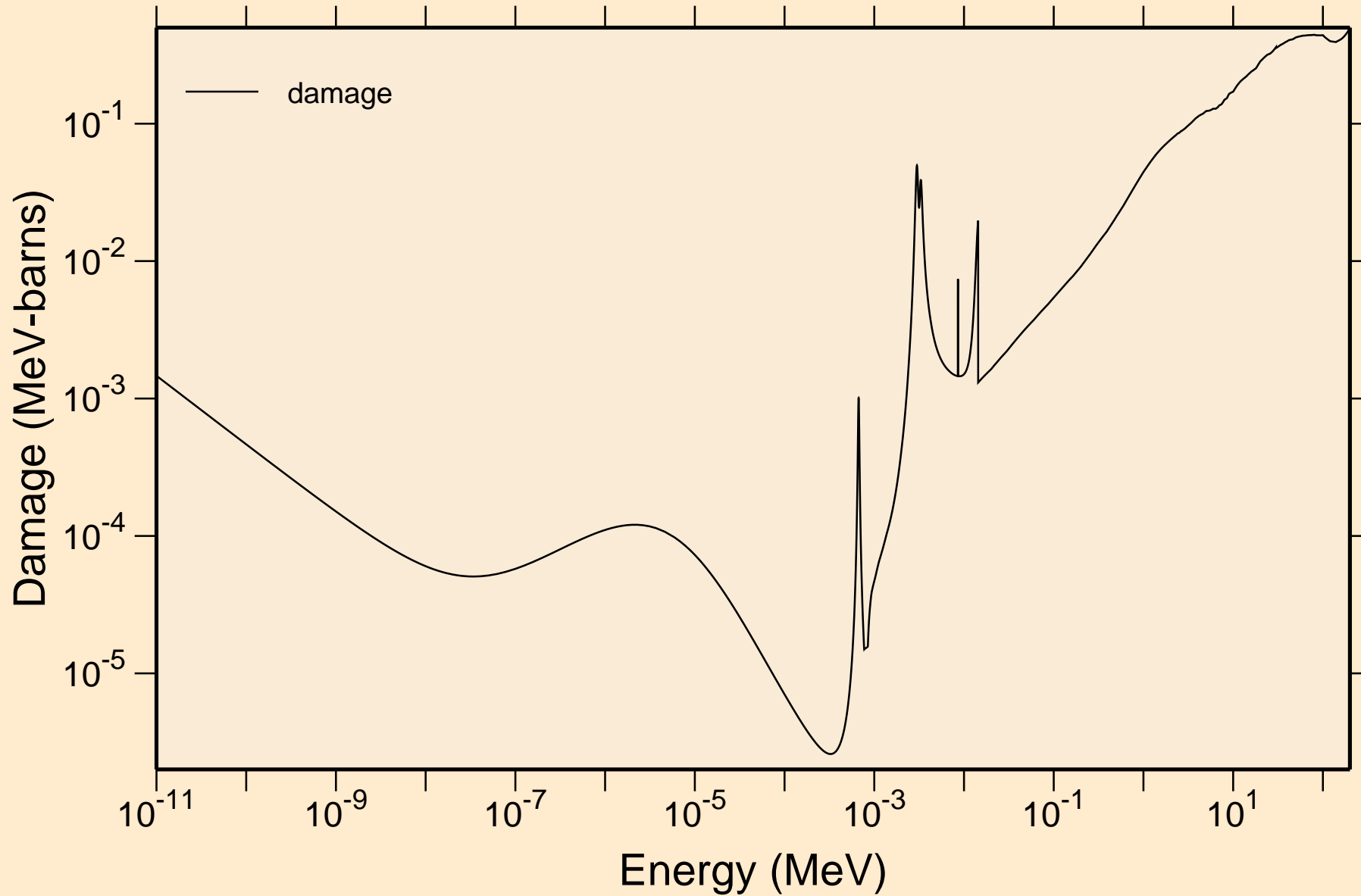


# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

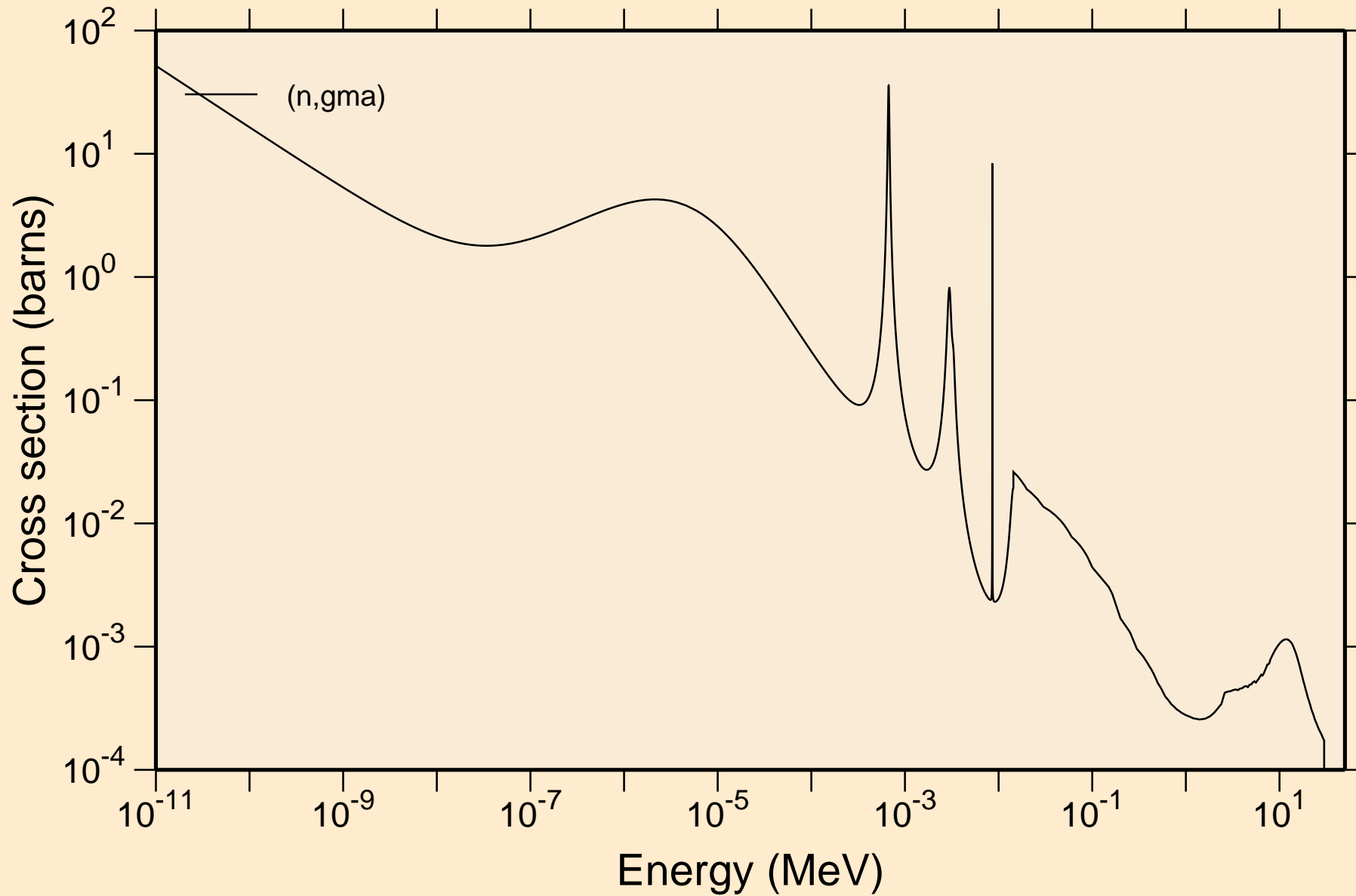
## Heating



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

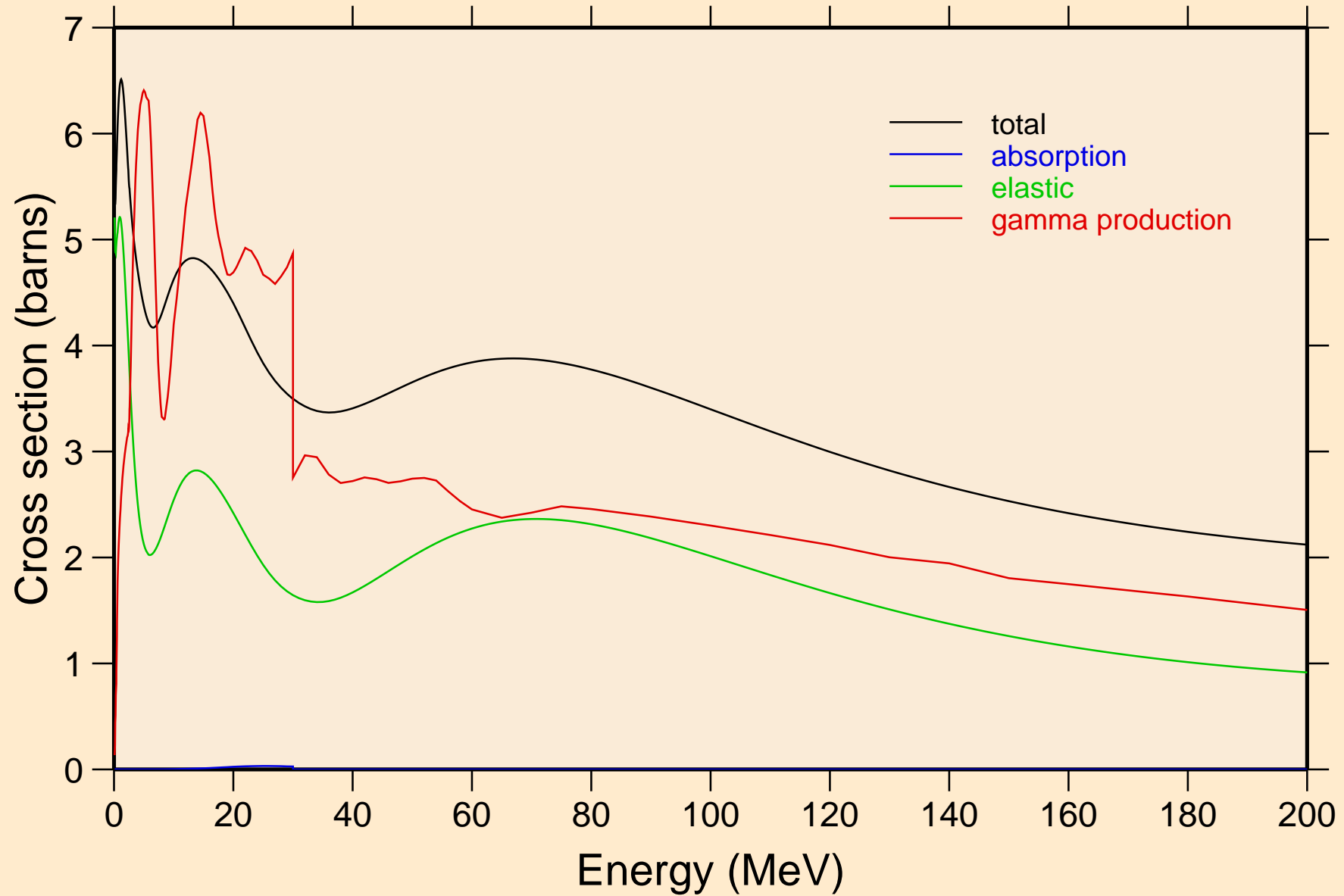


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



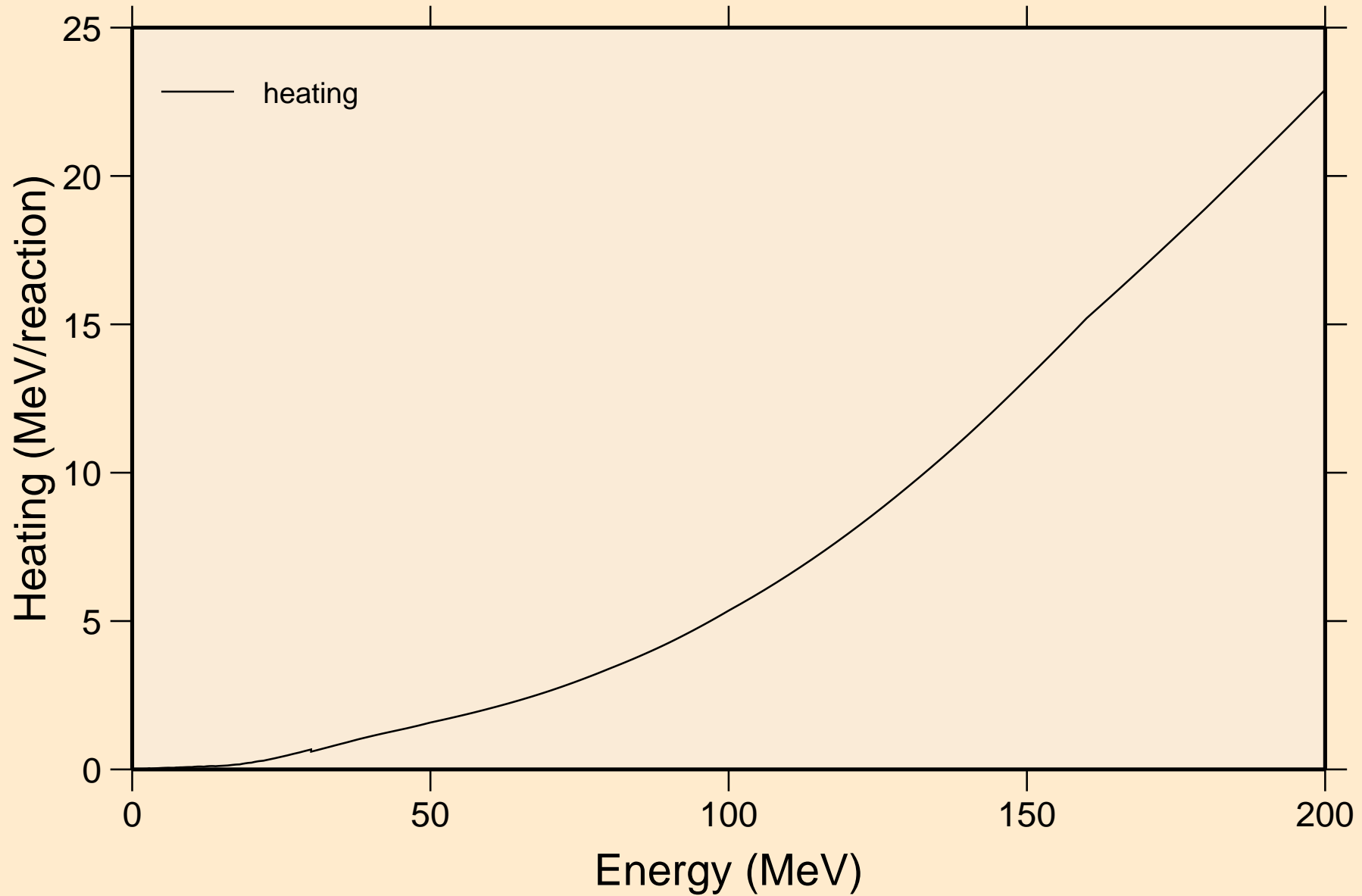
# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



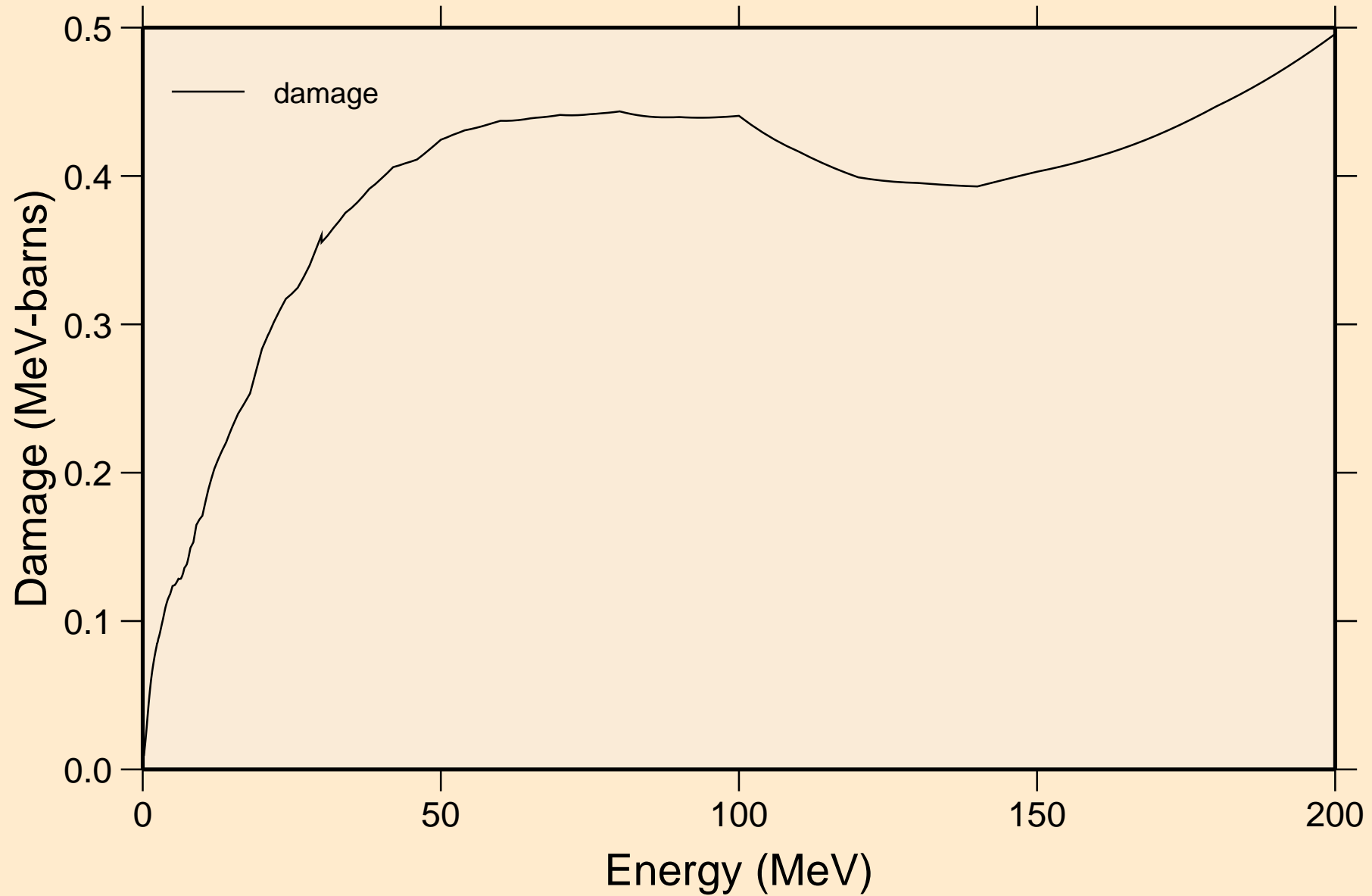
# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

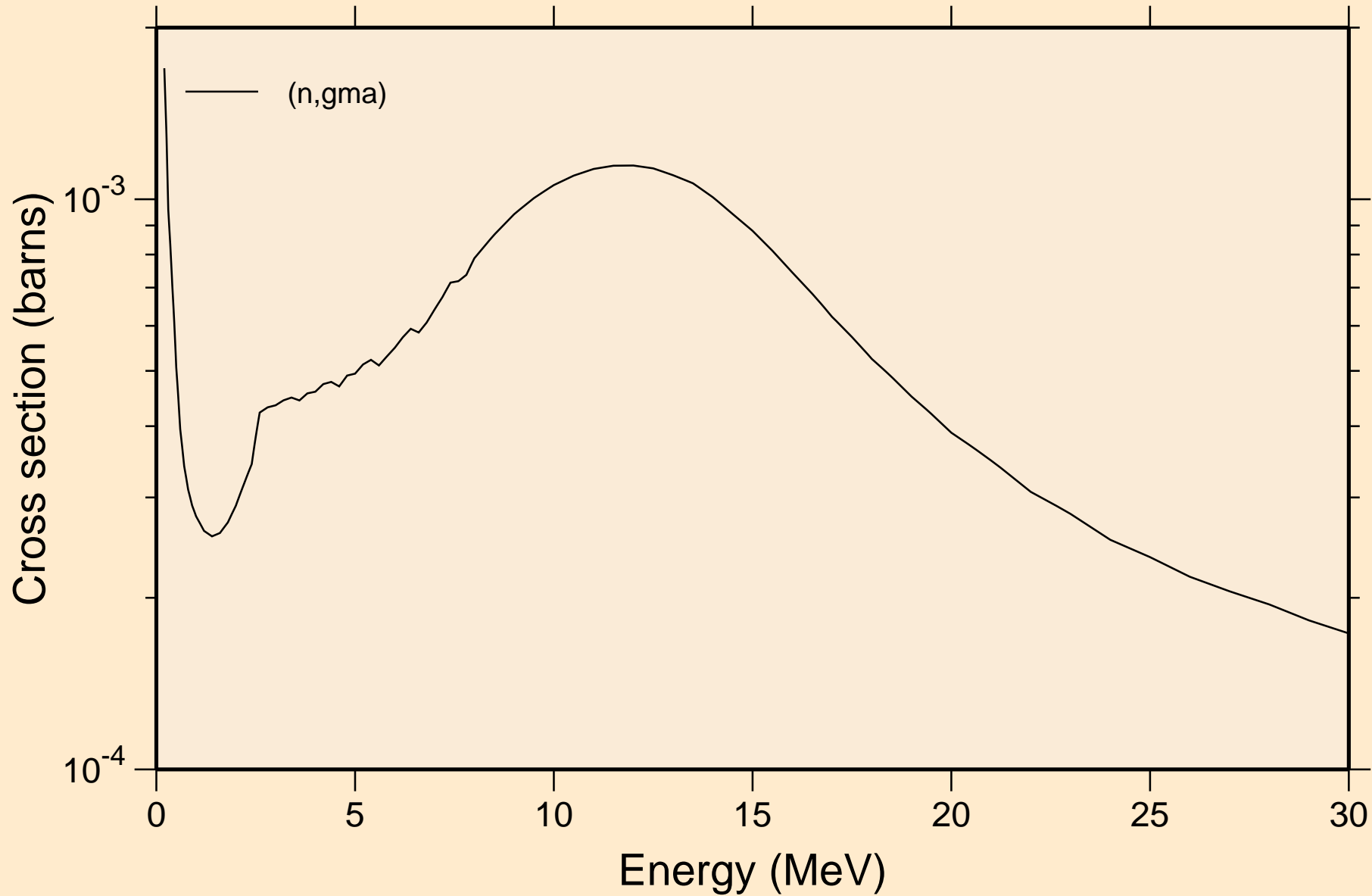


# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

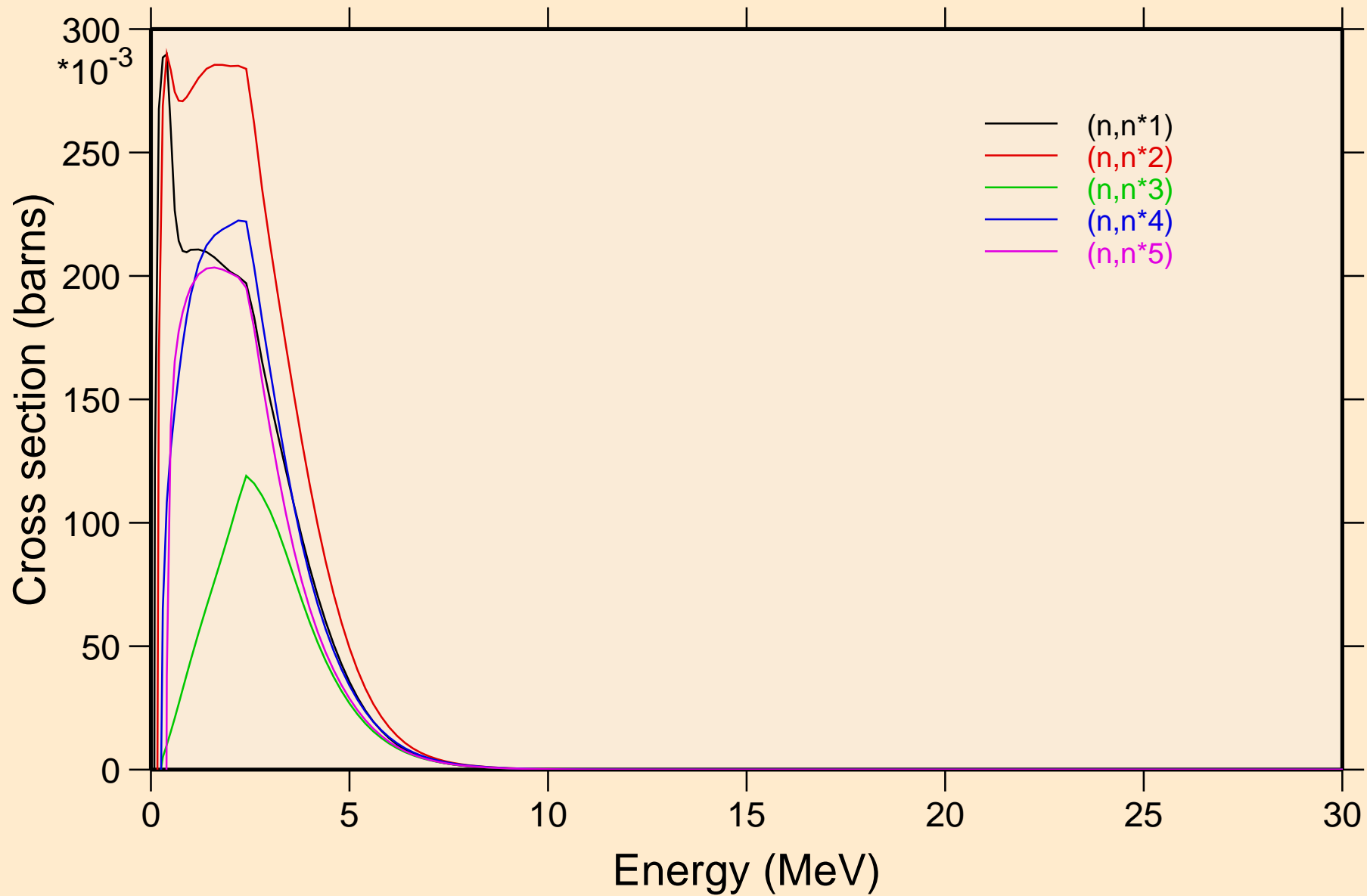


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



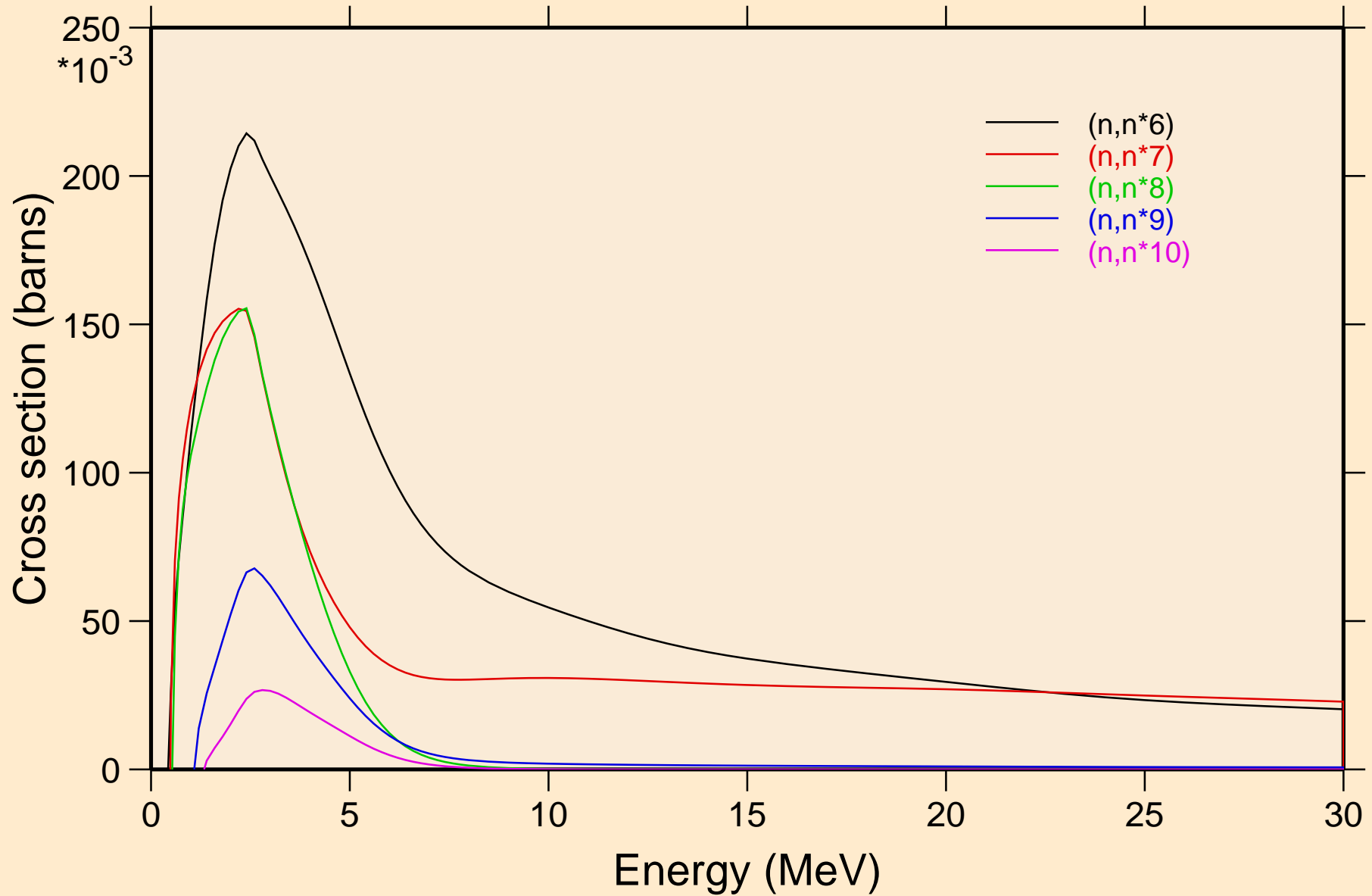


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

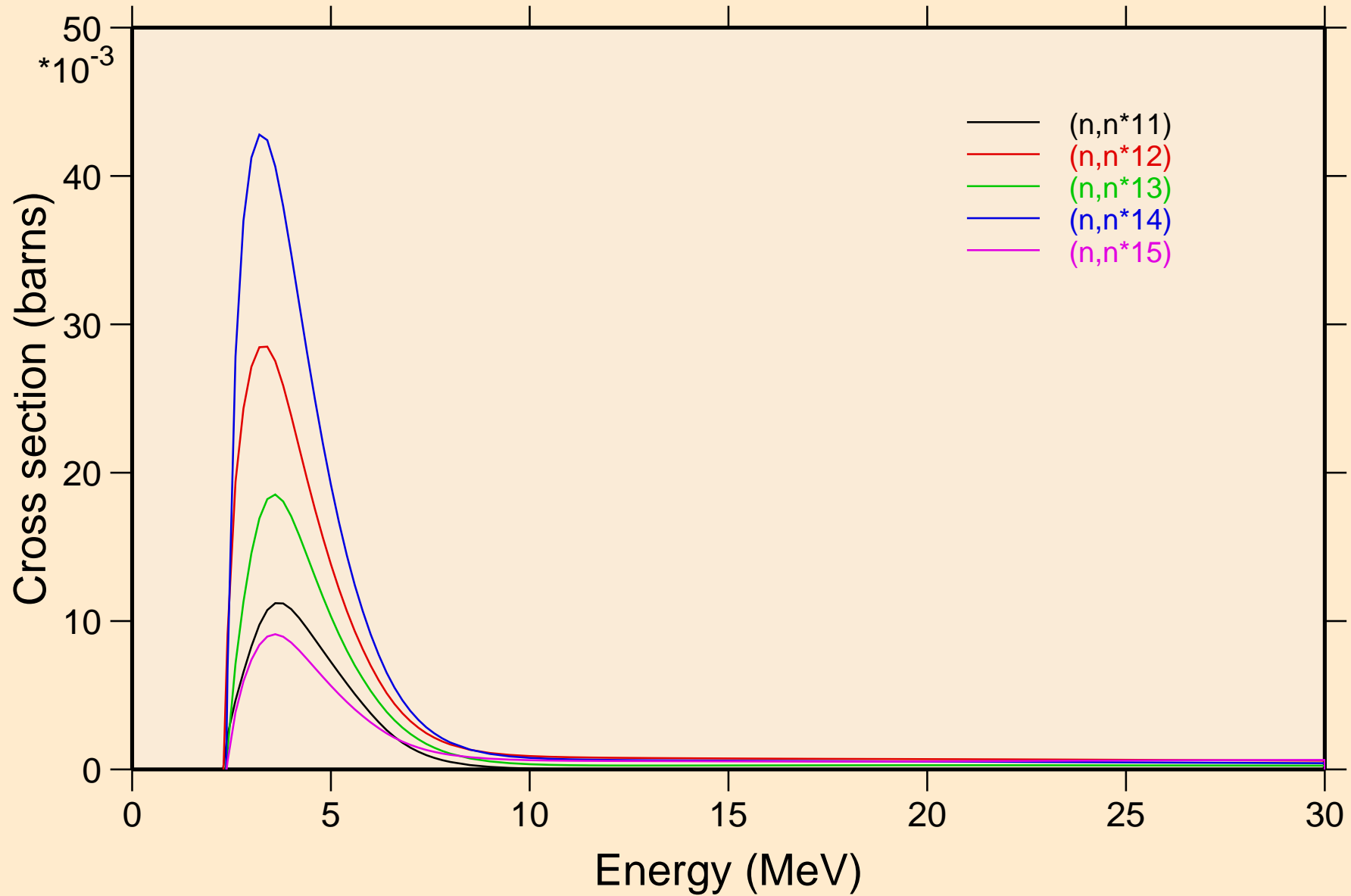


# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

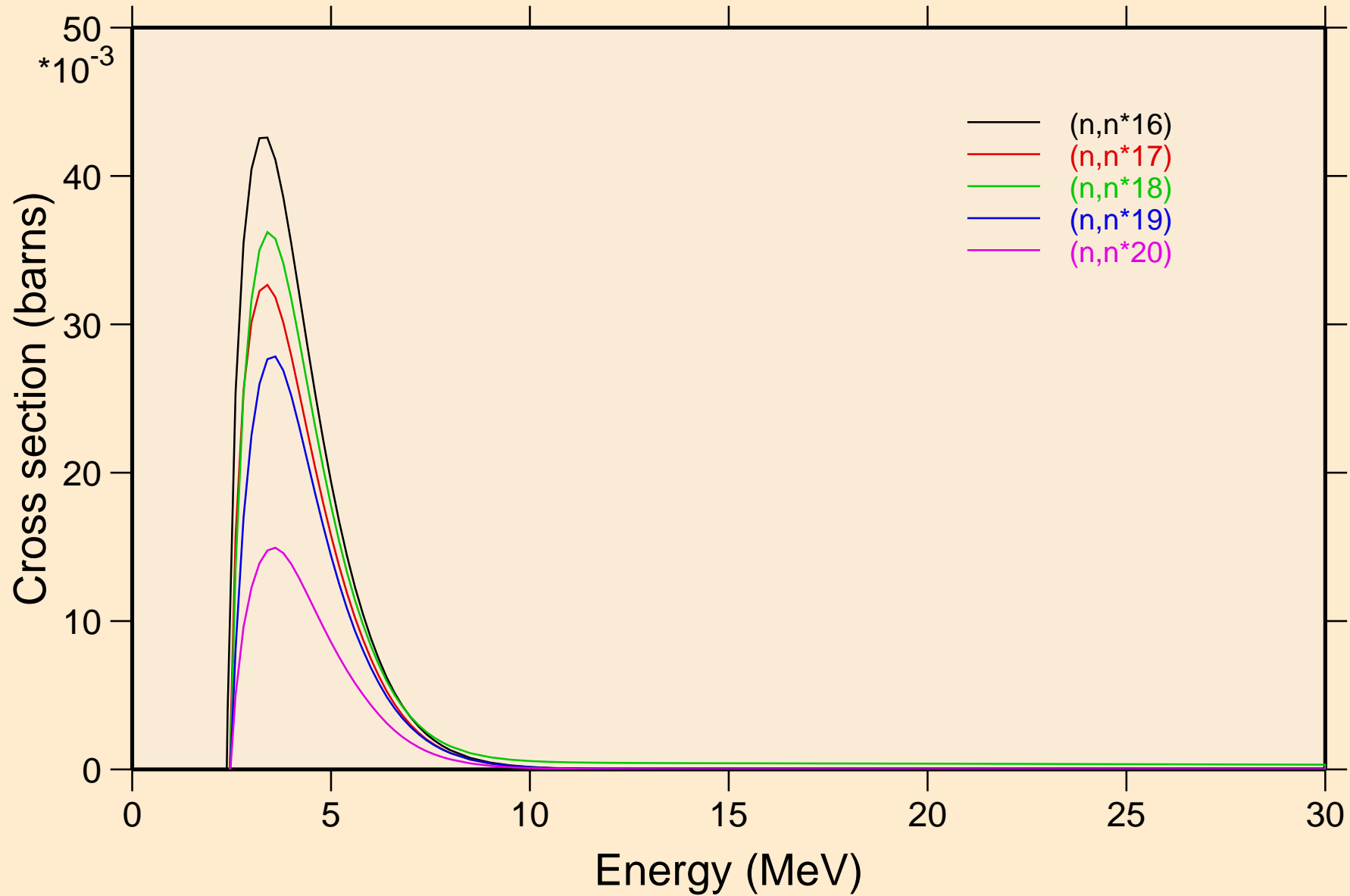
## Inelastic levels



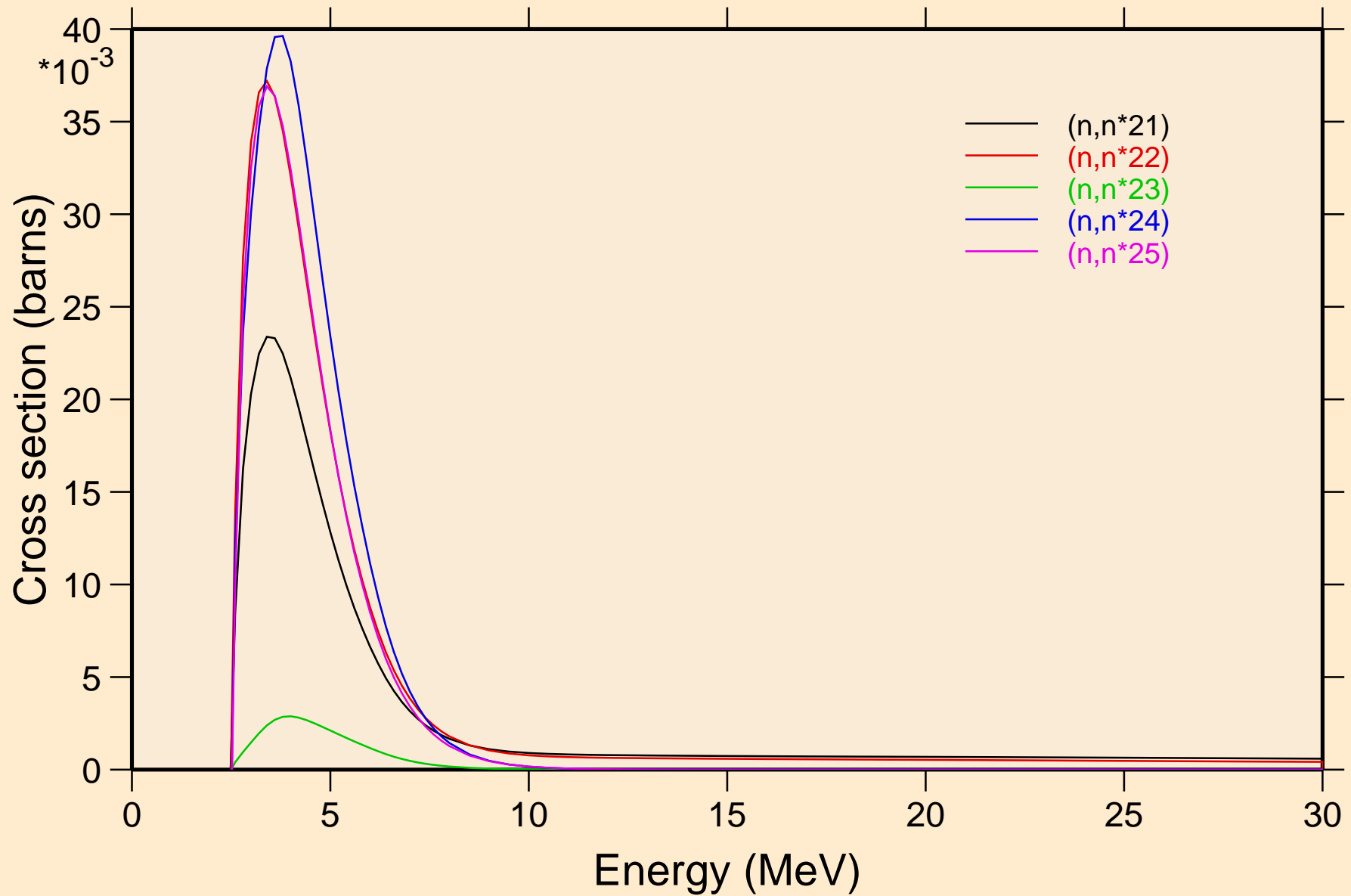
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



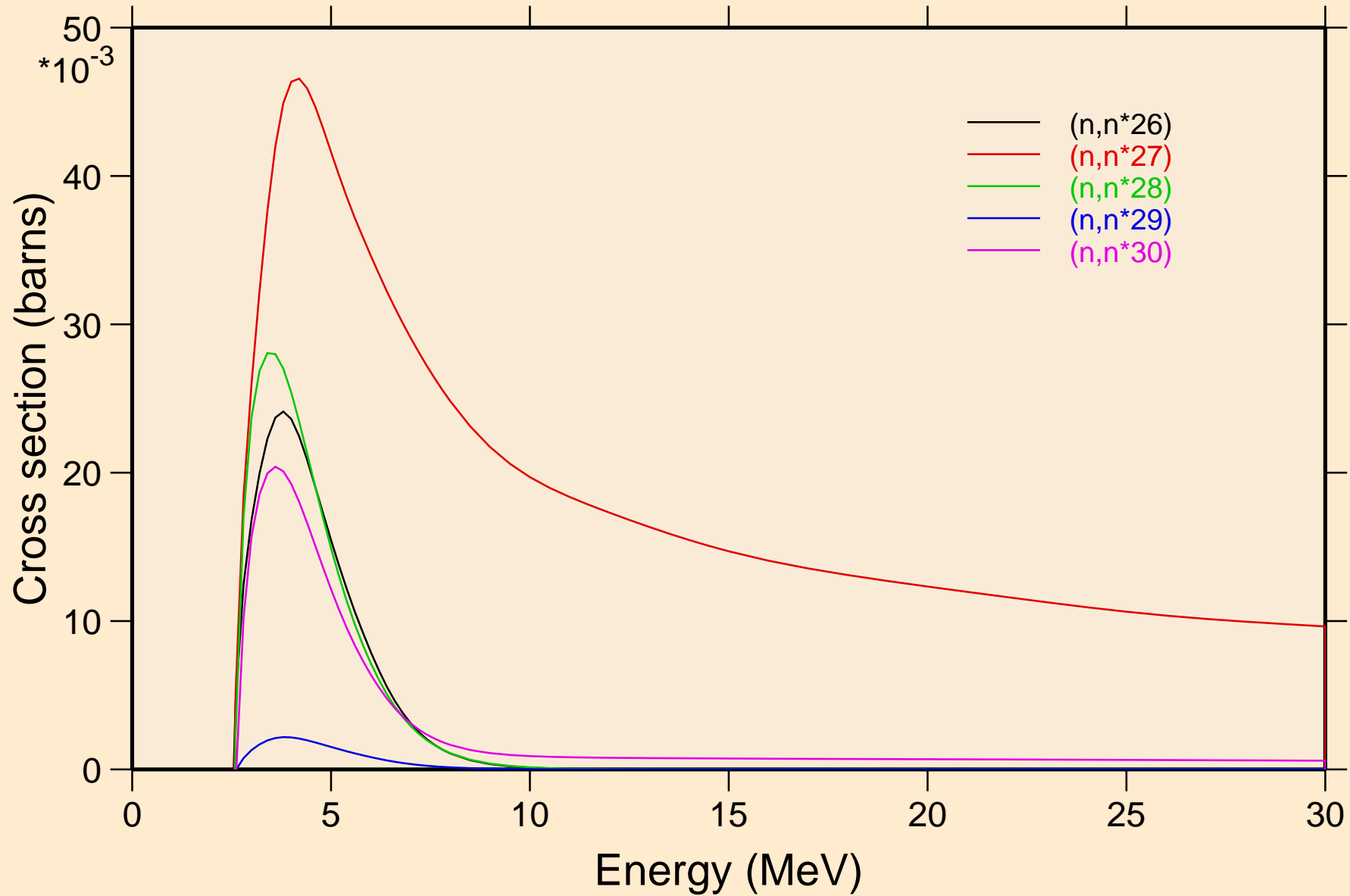
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



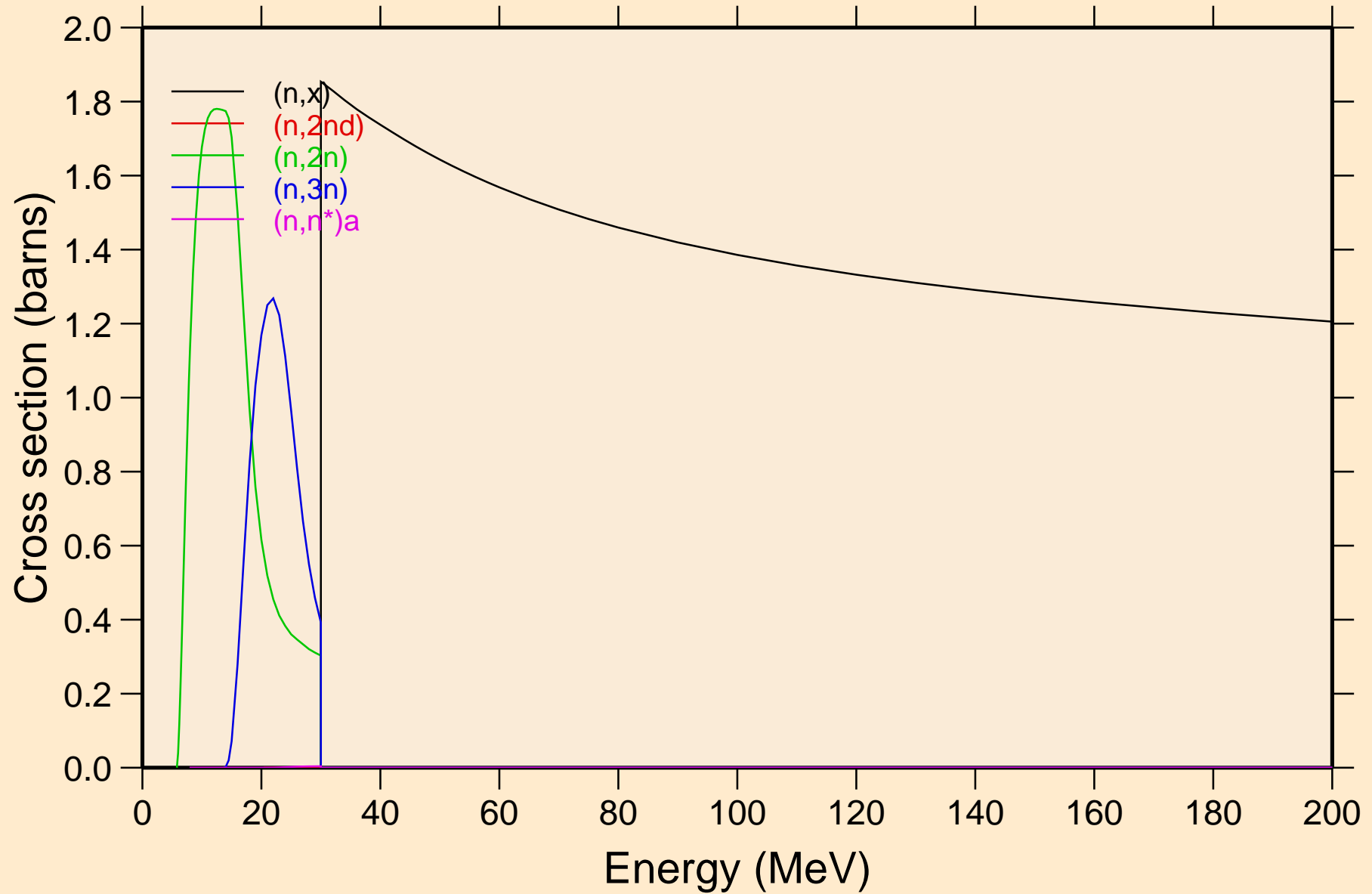
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

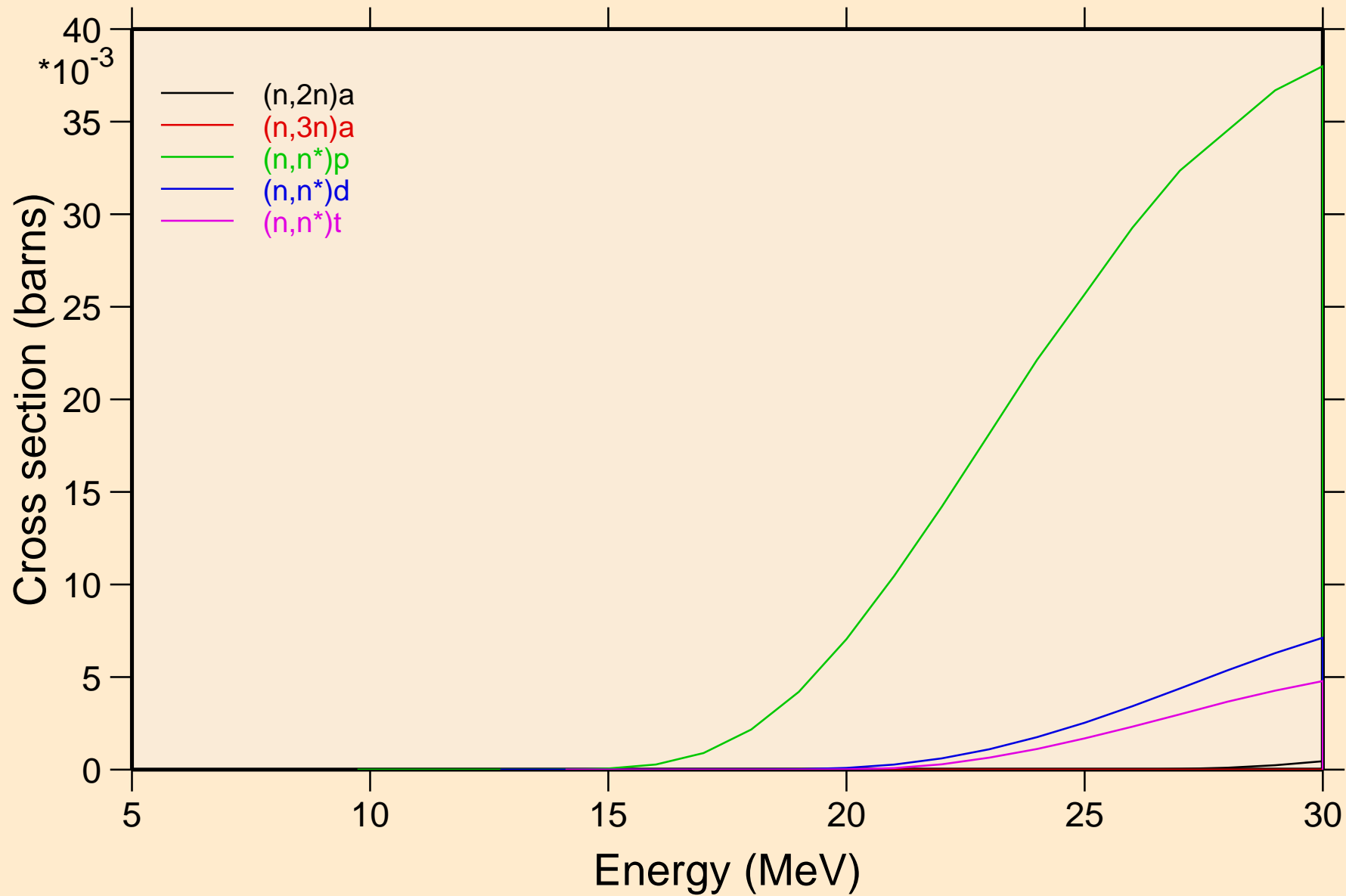


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



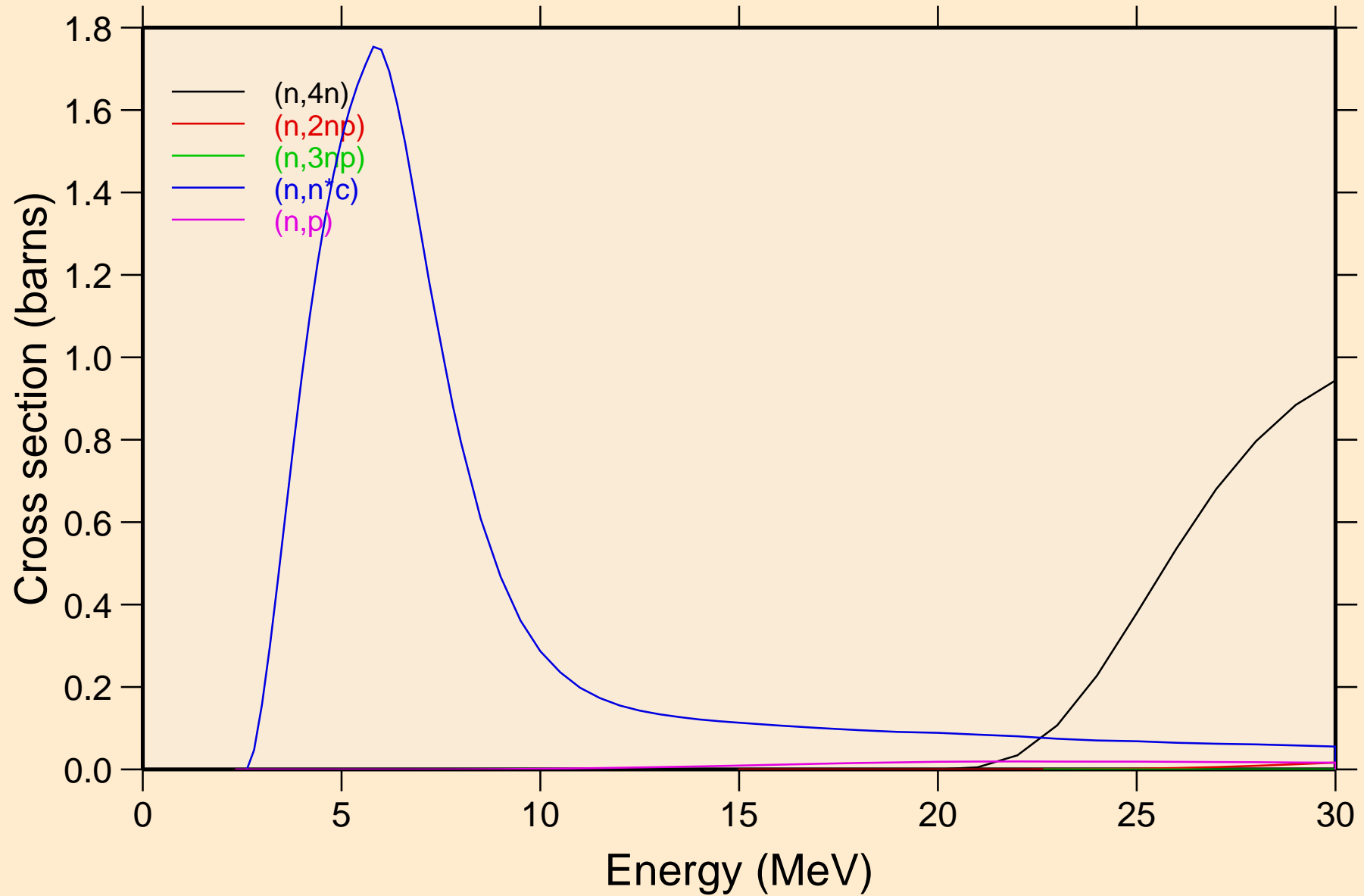
# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

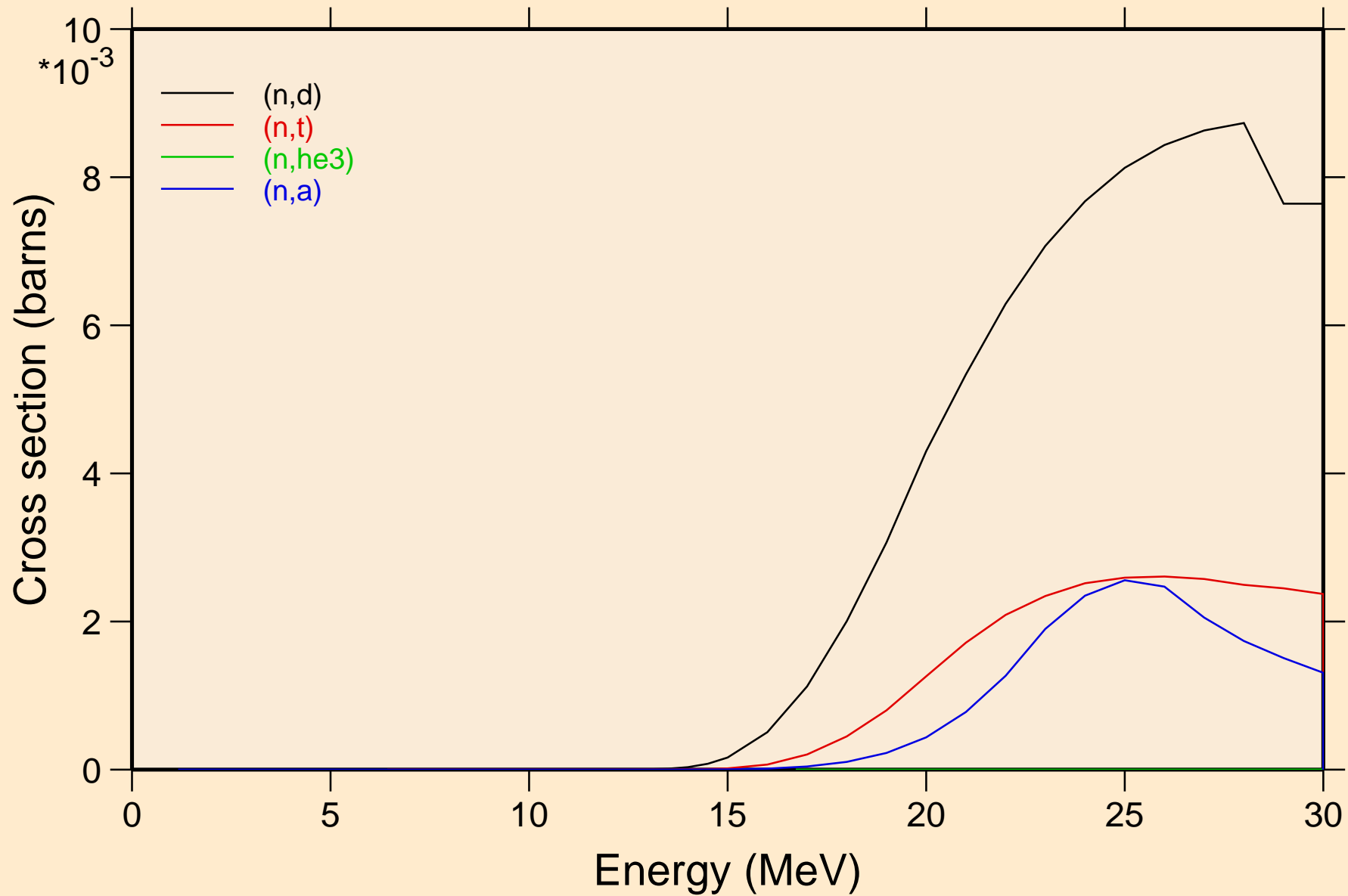




SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

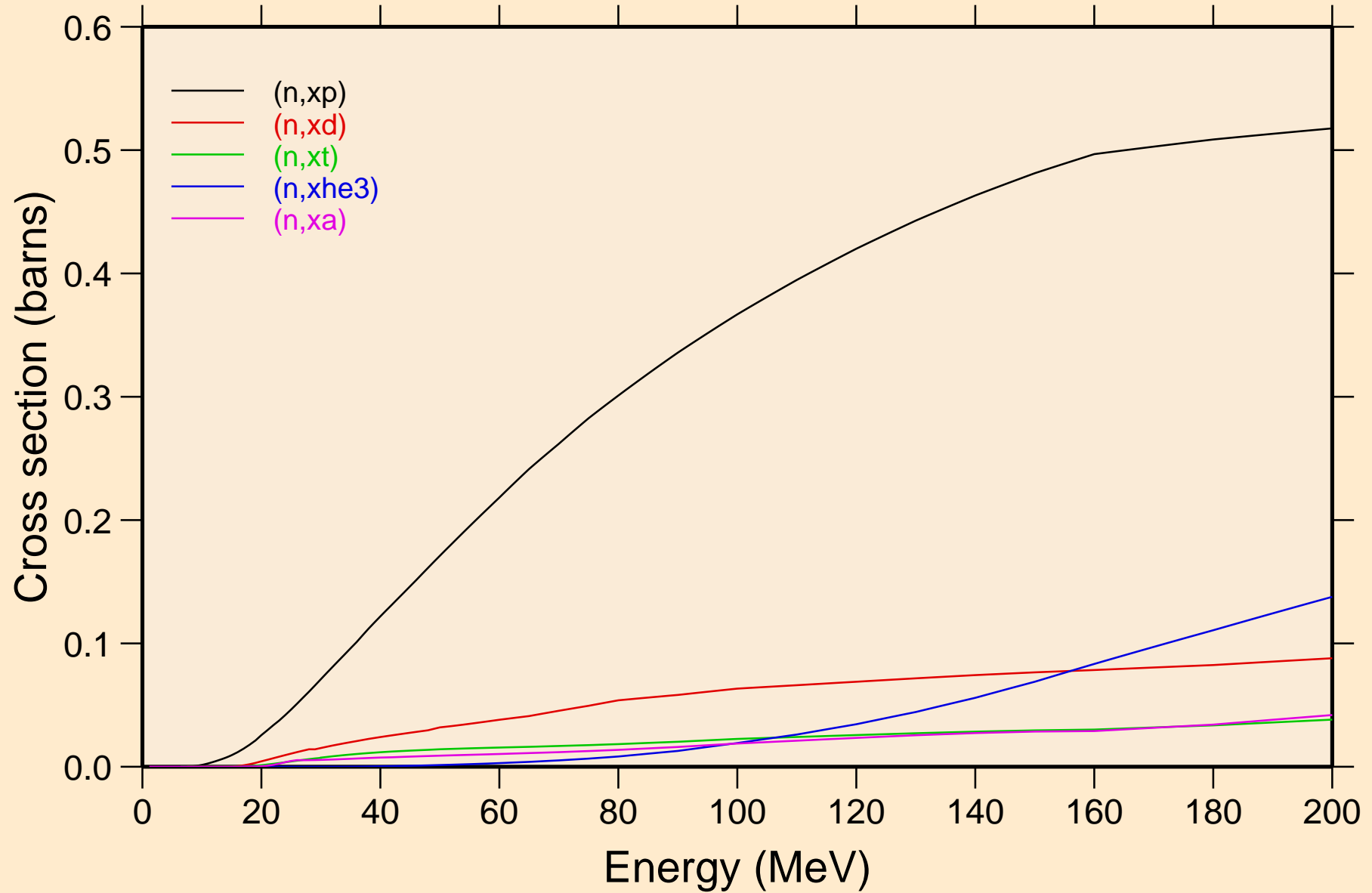


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

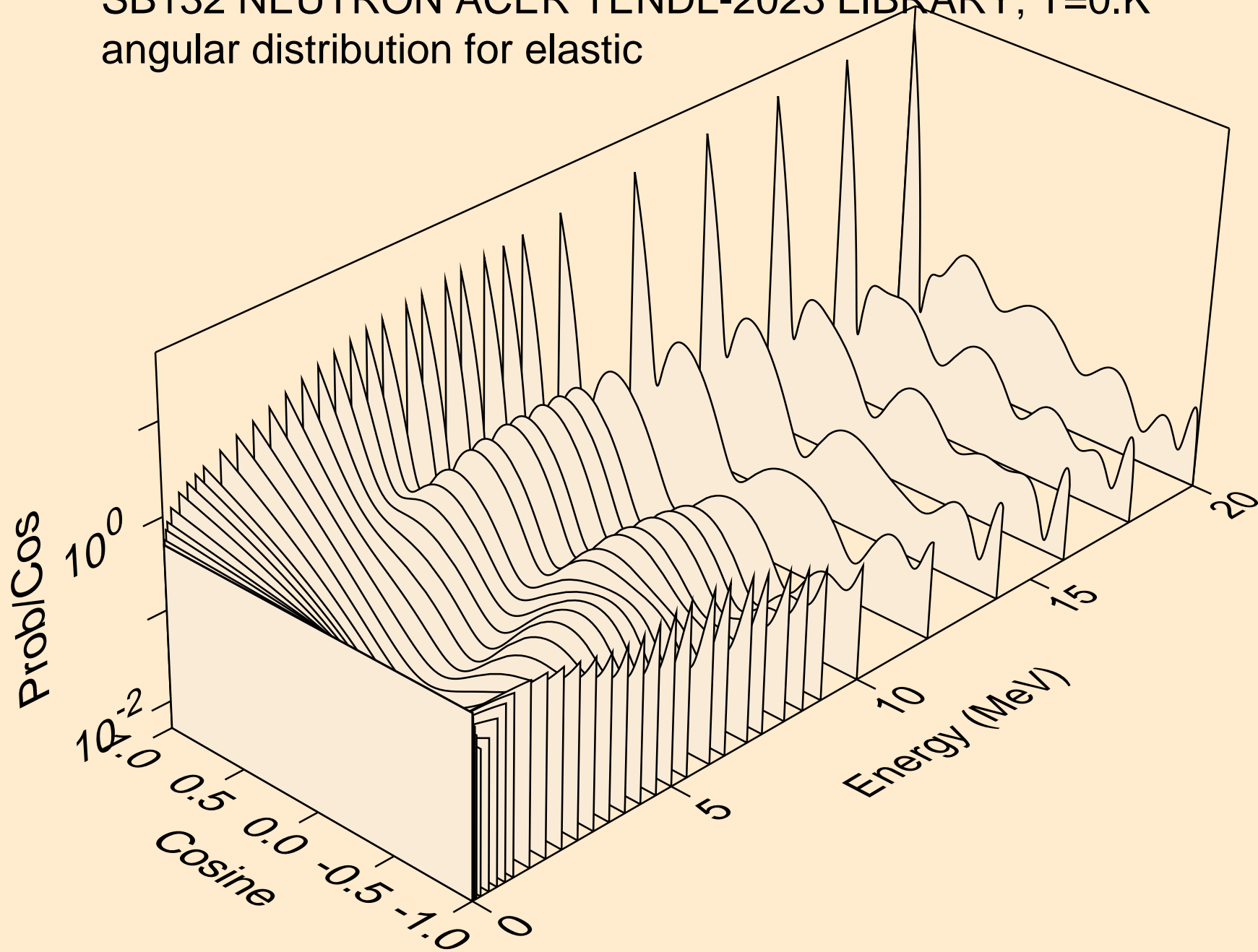


# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

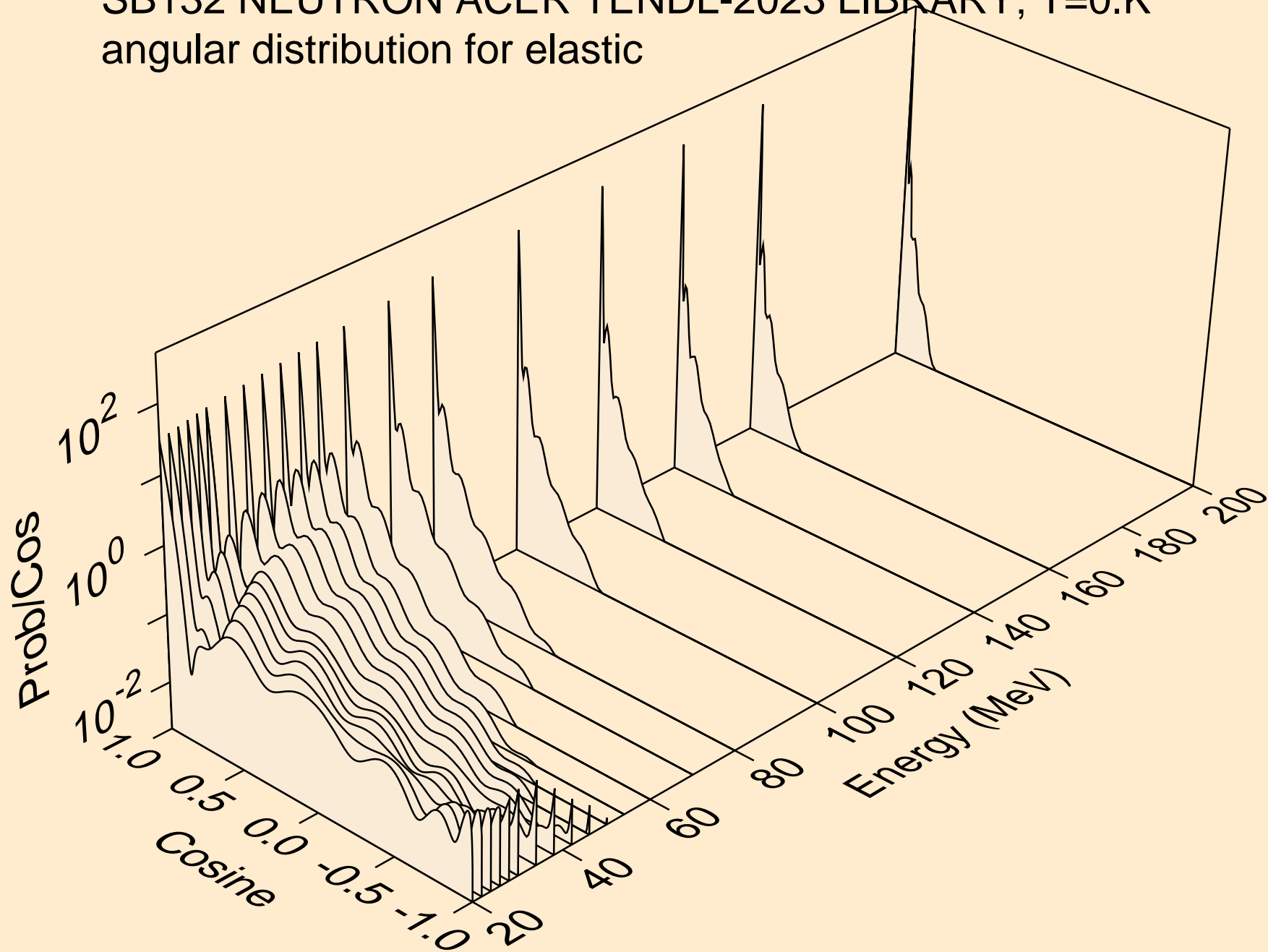
## Threshold reactions



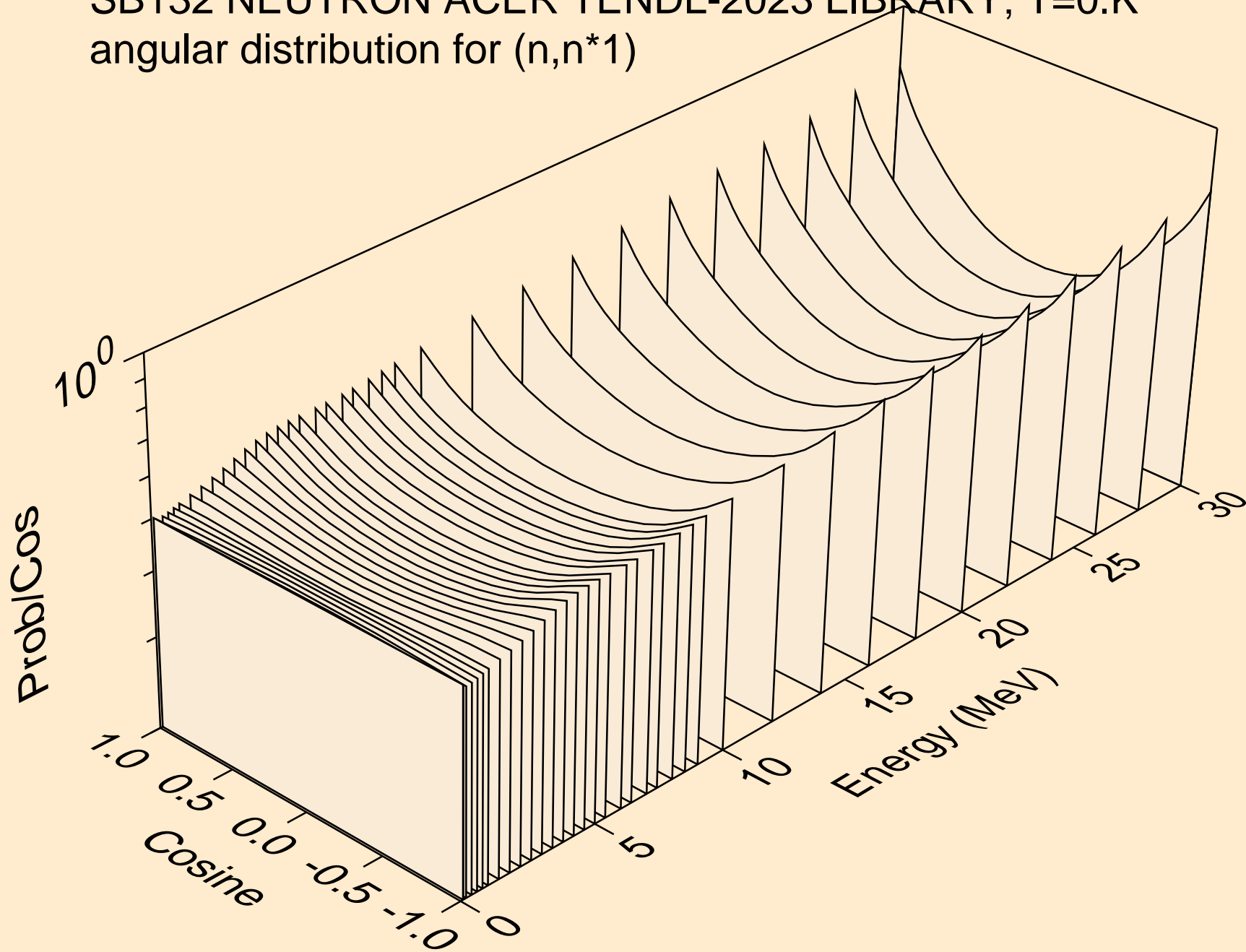
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



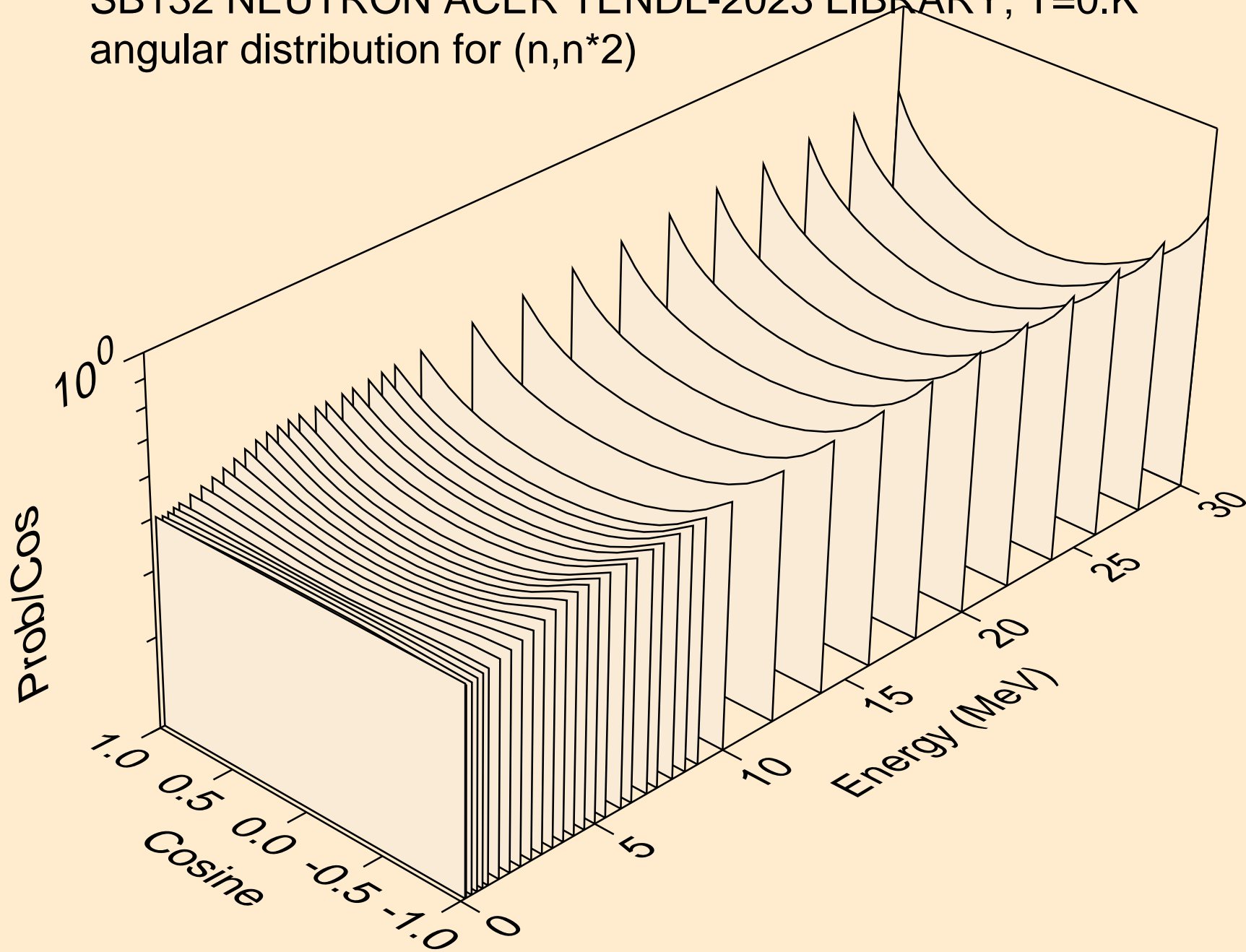
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



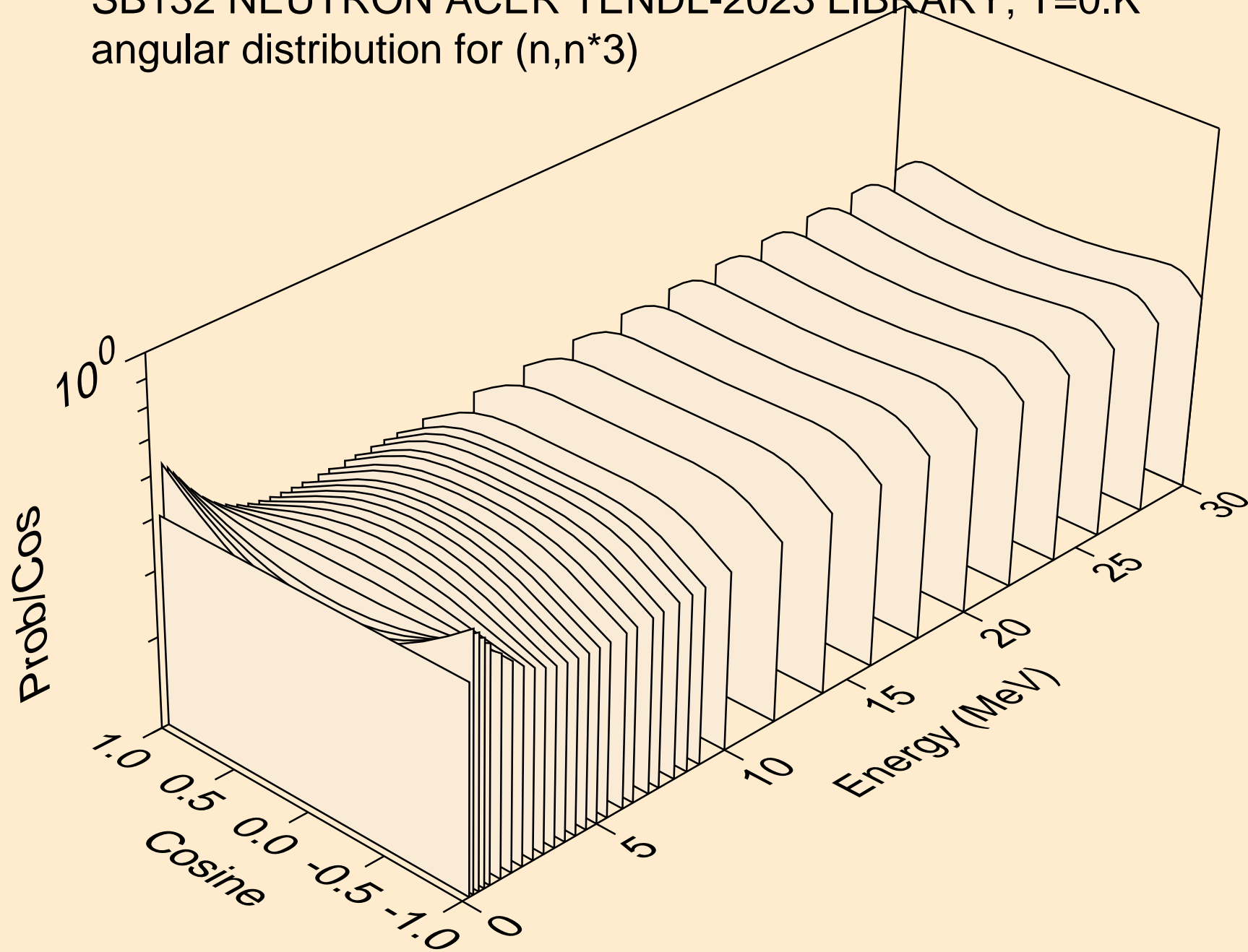
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

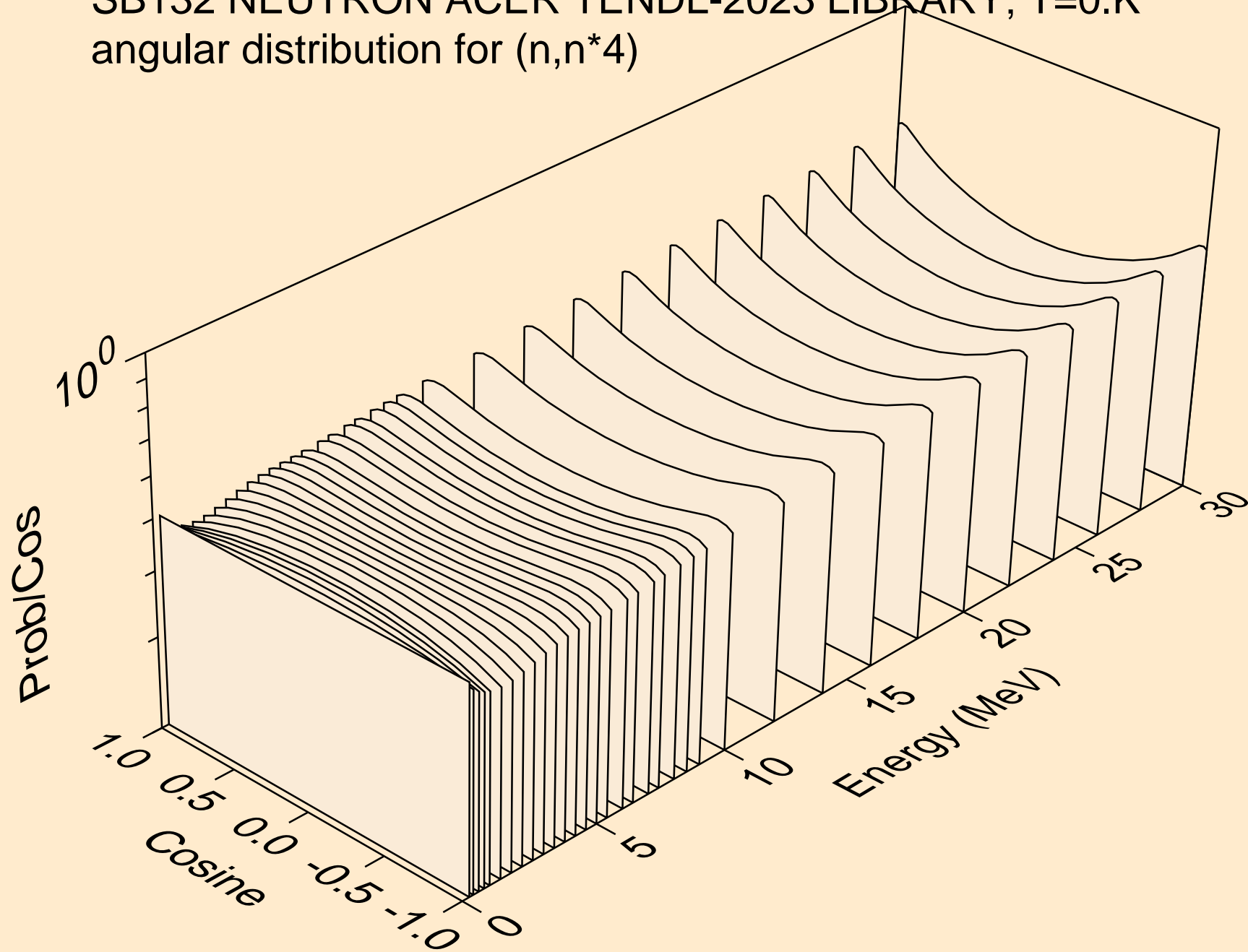


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

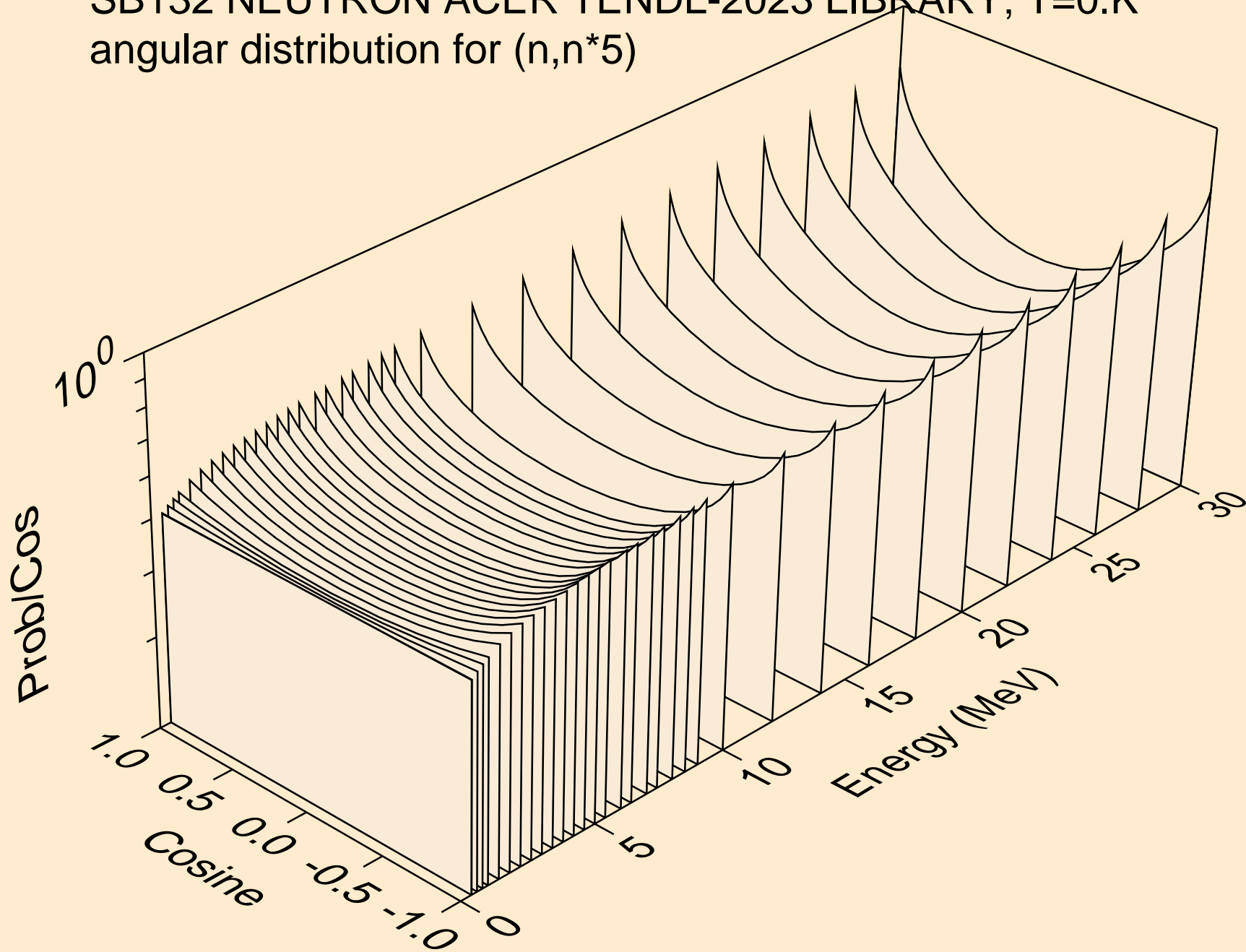




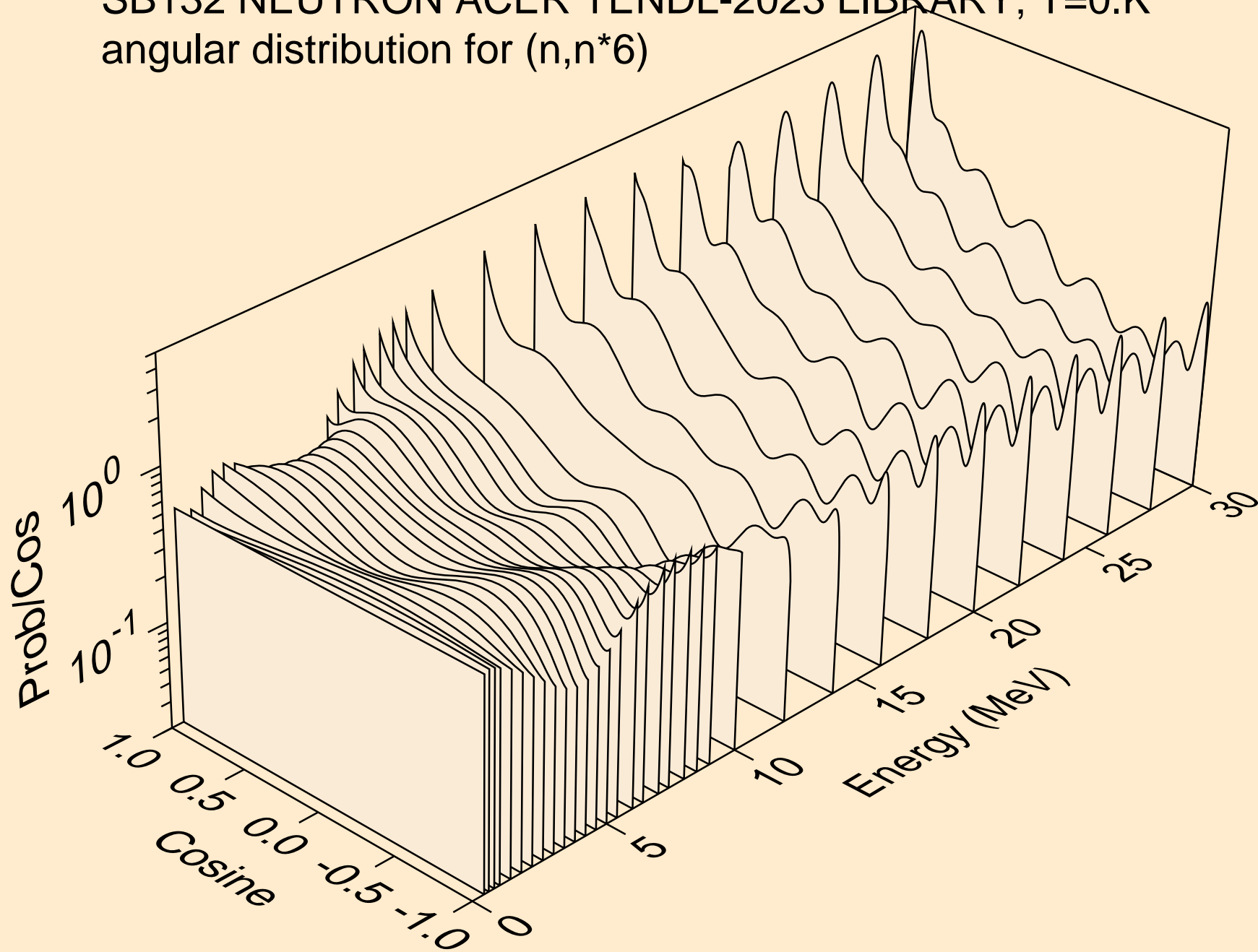
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



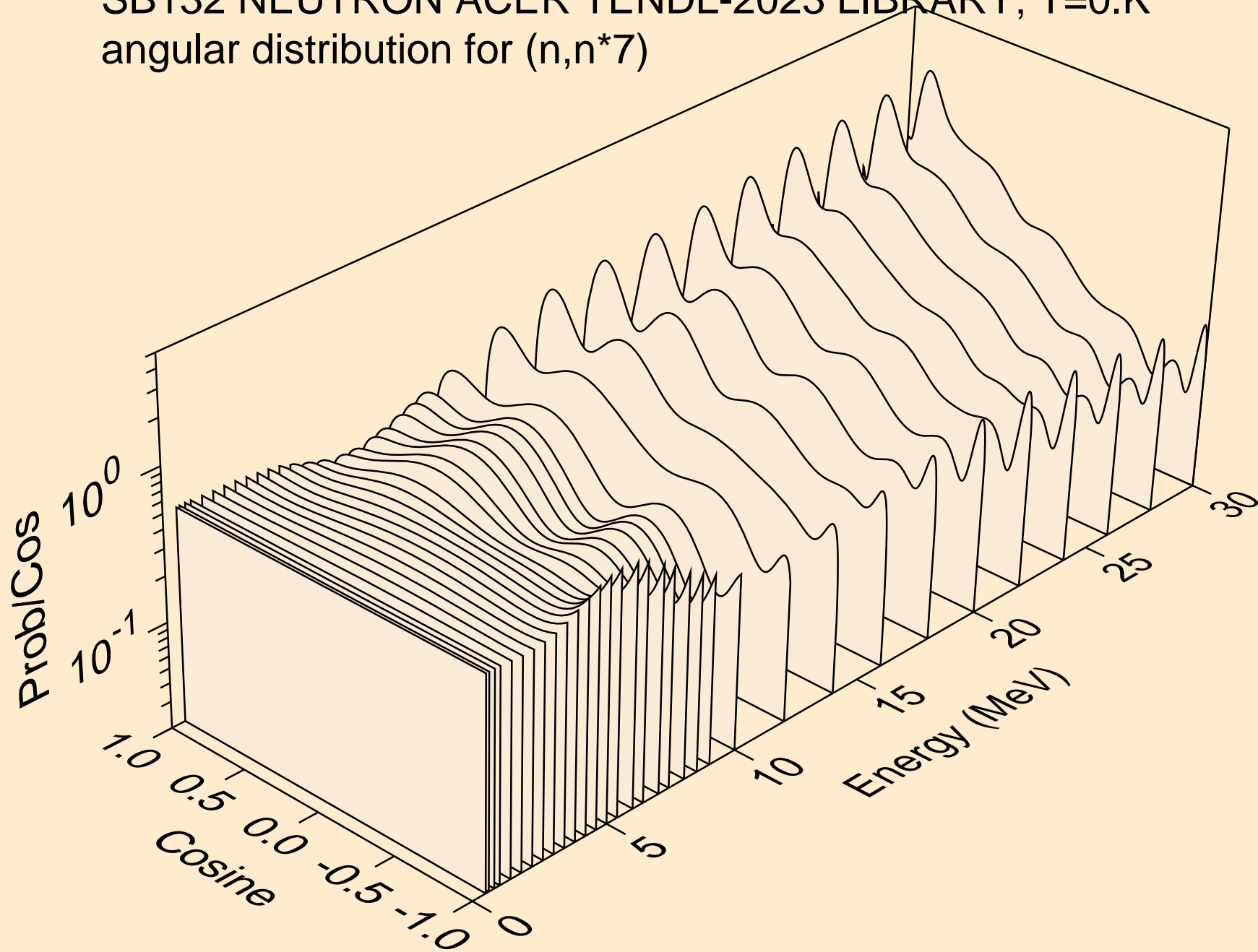
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



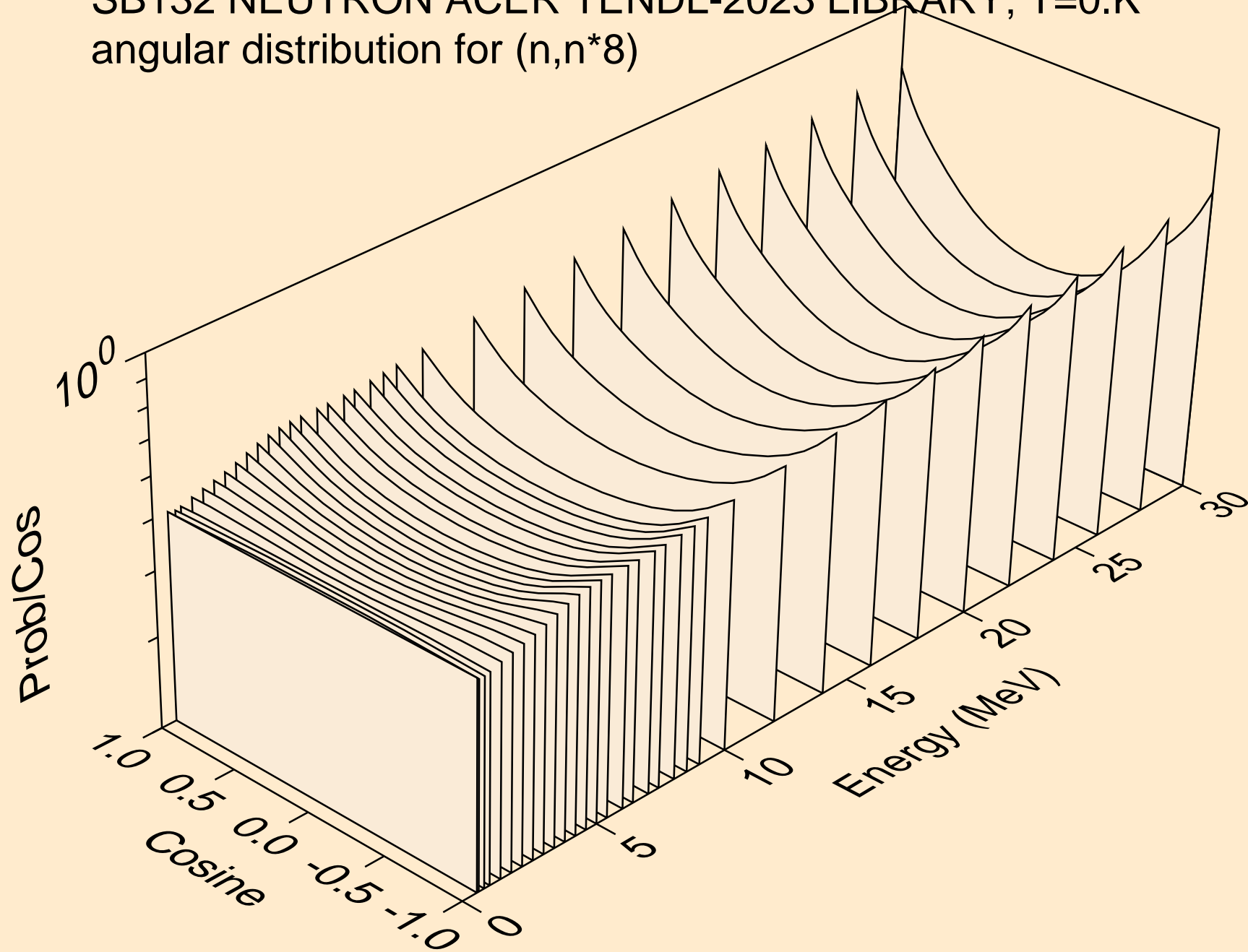
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



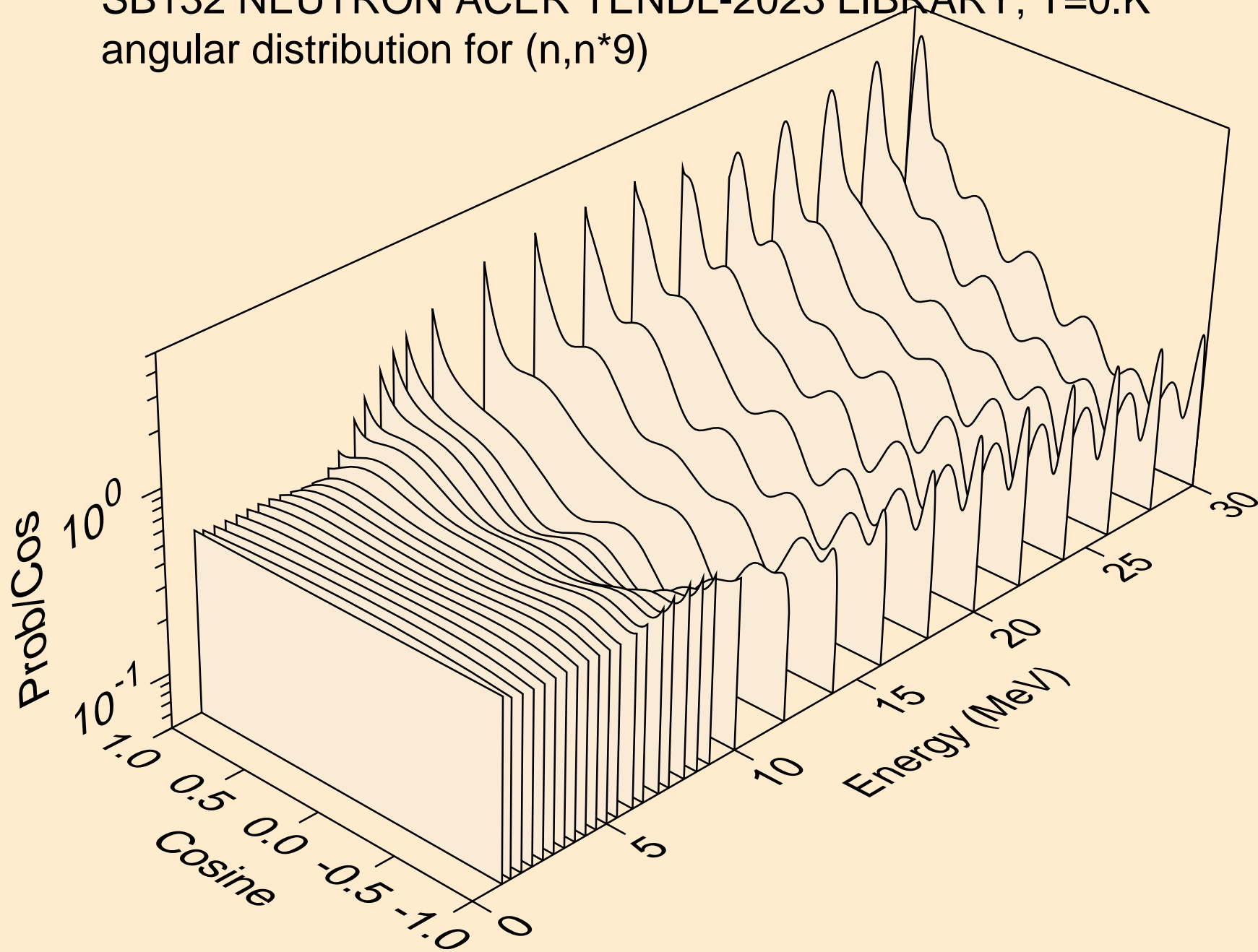
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



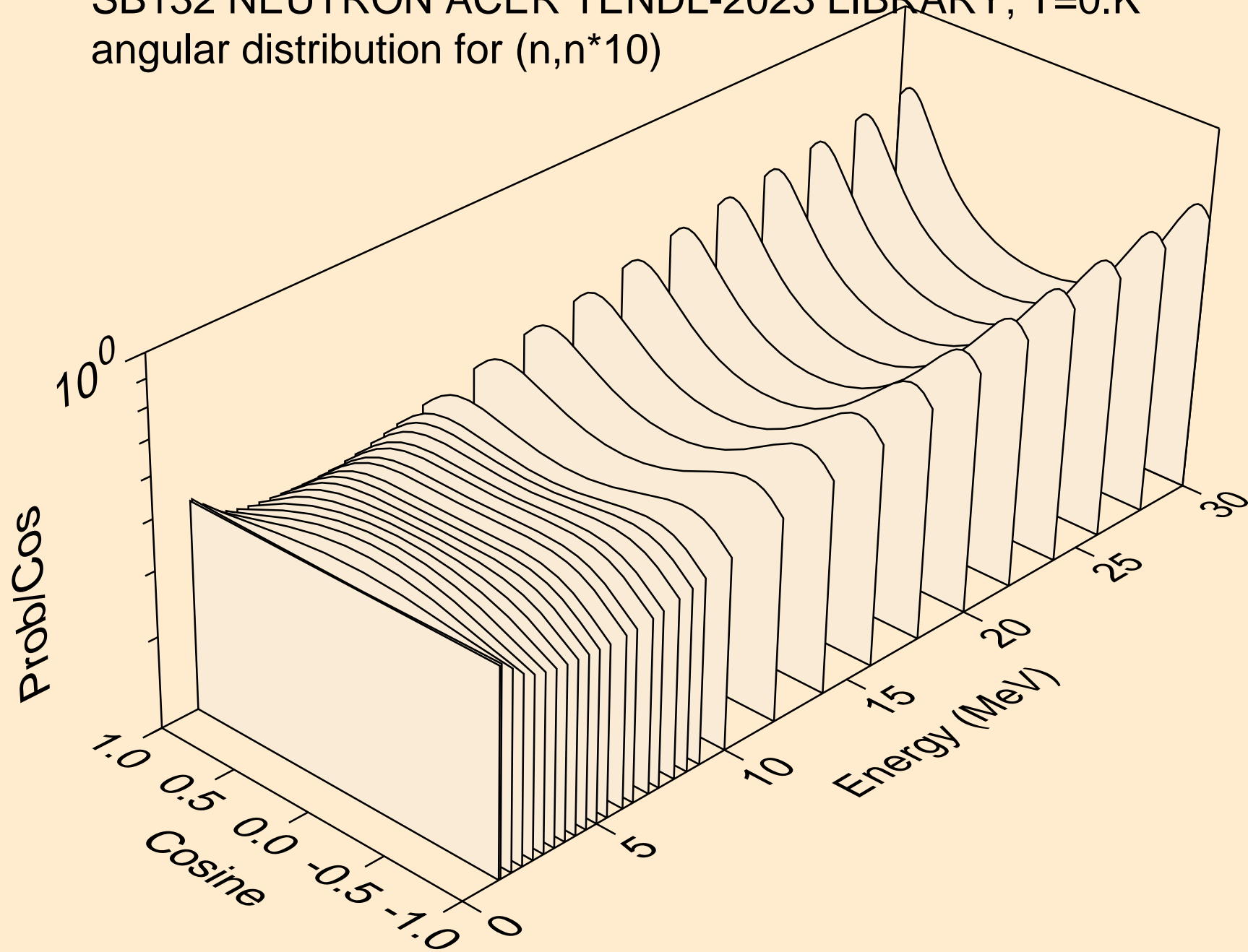
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



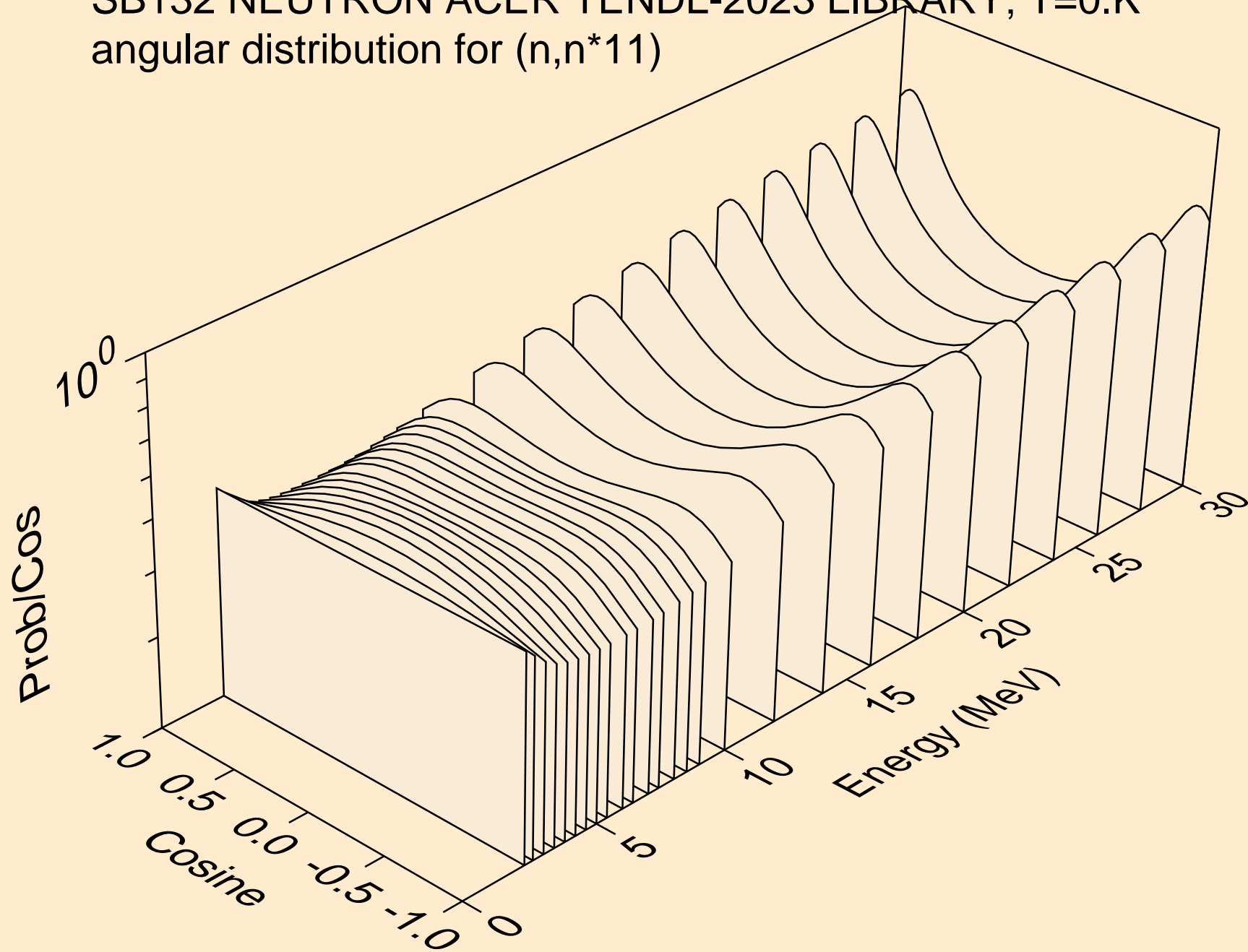
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

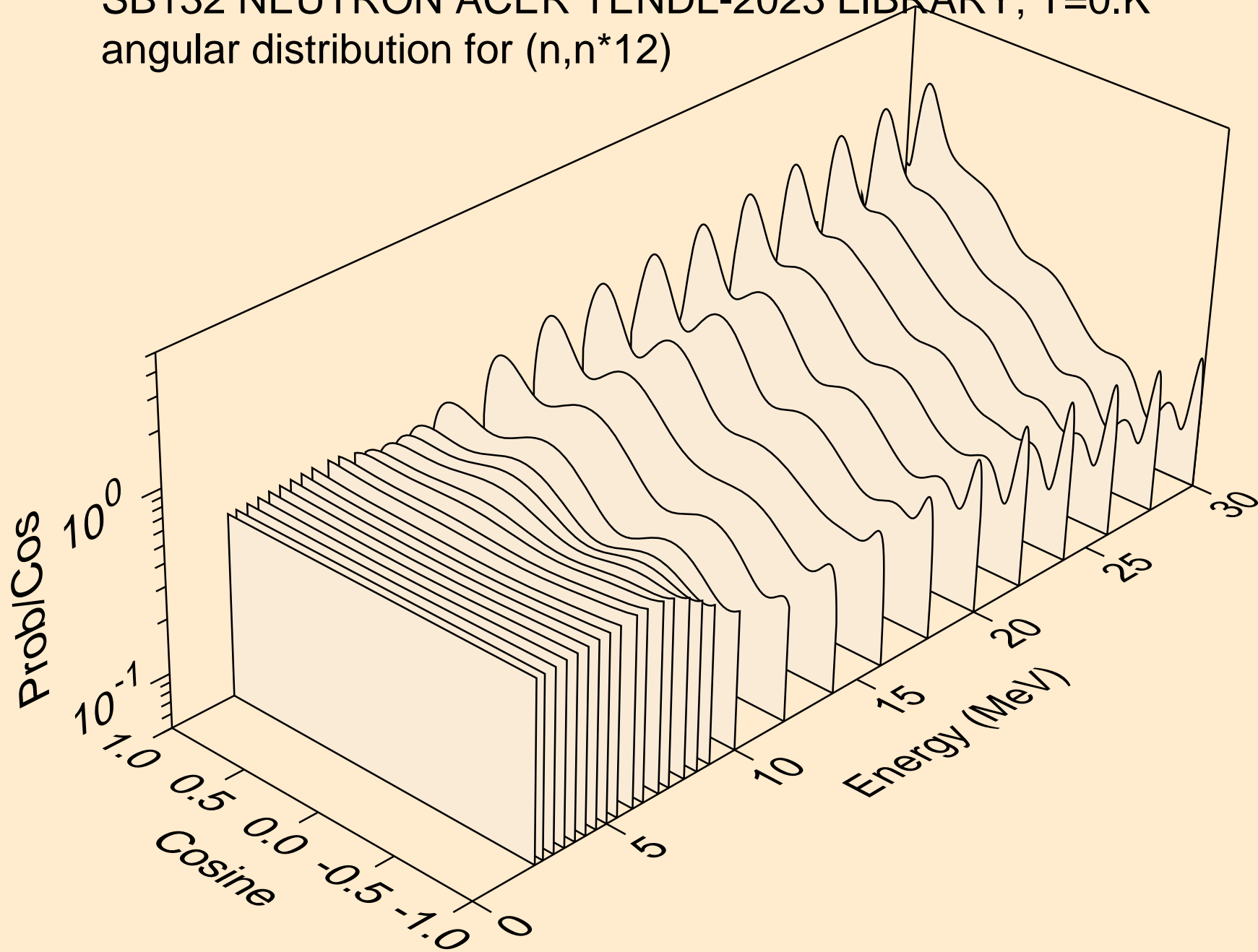


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

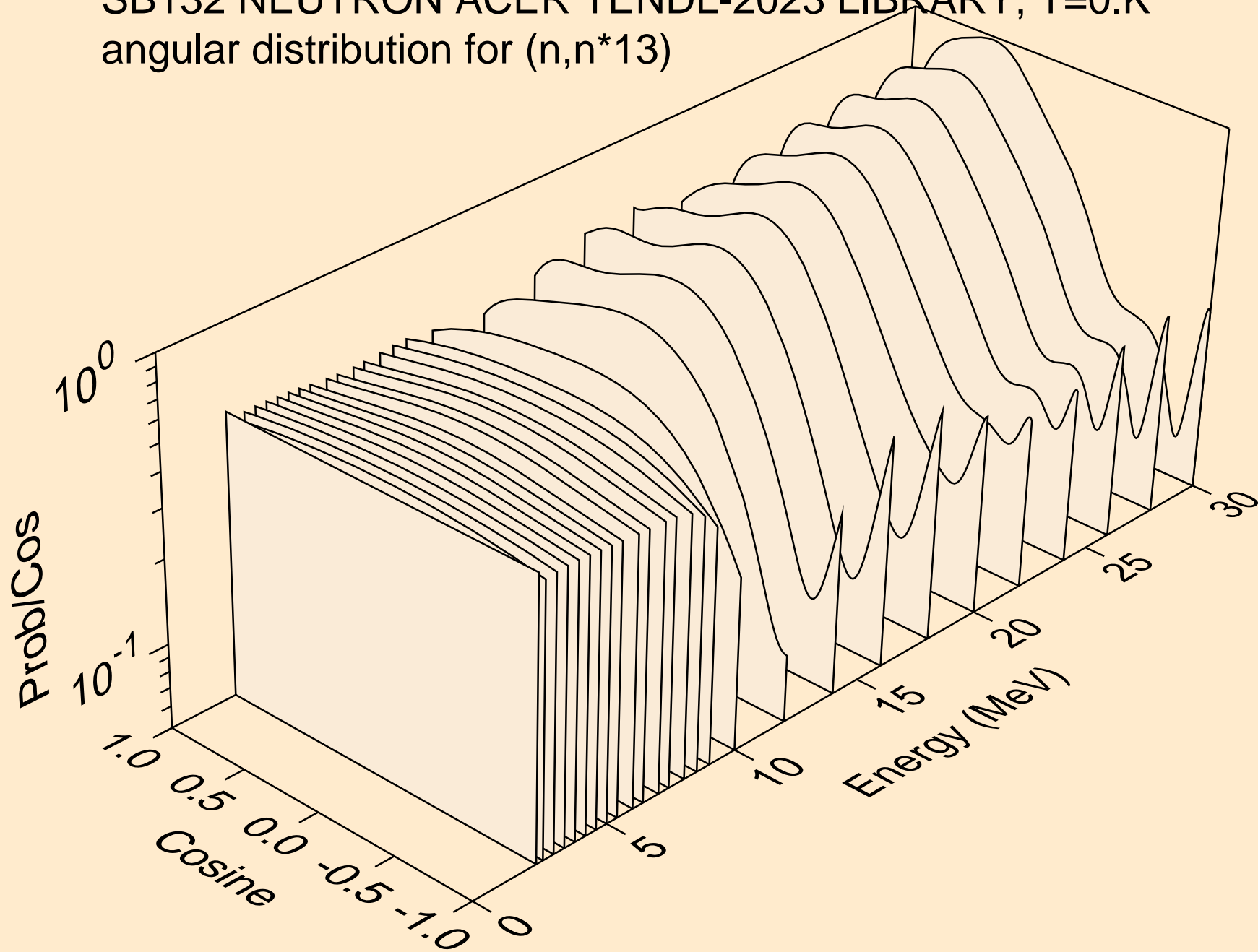




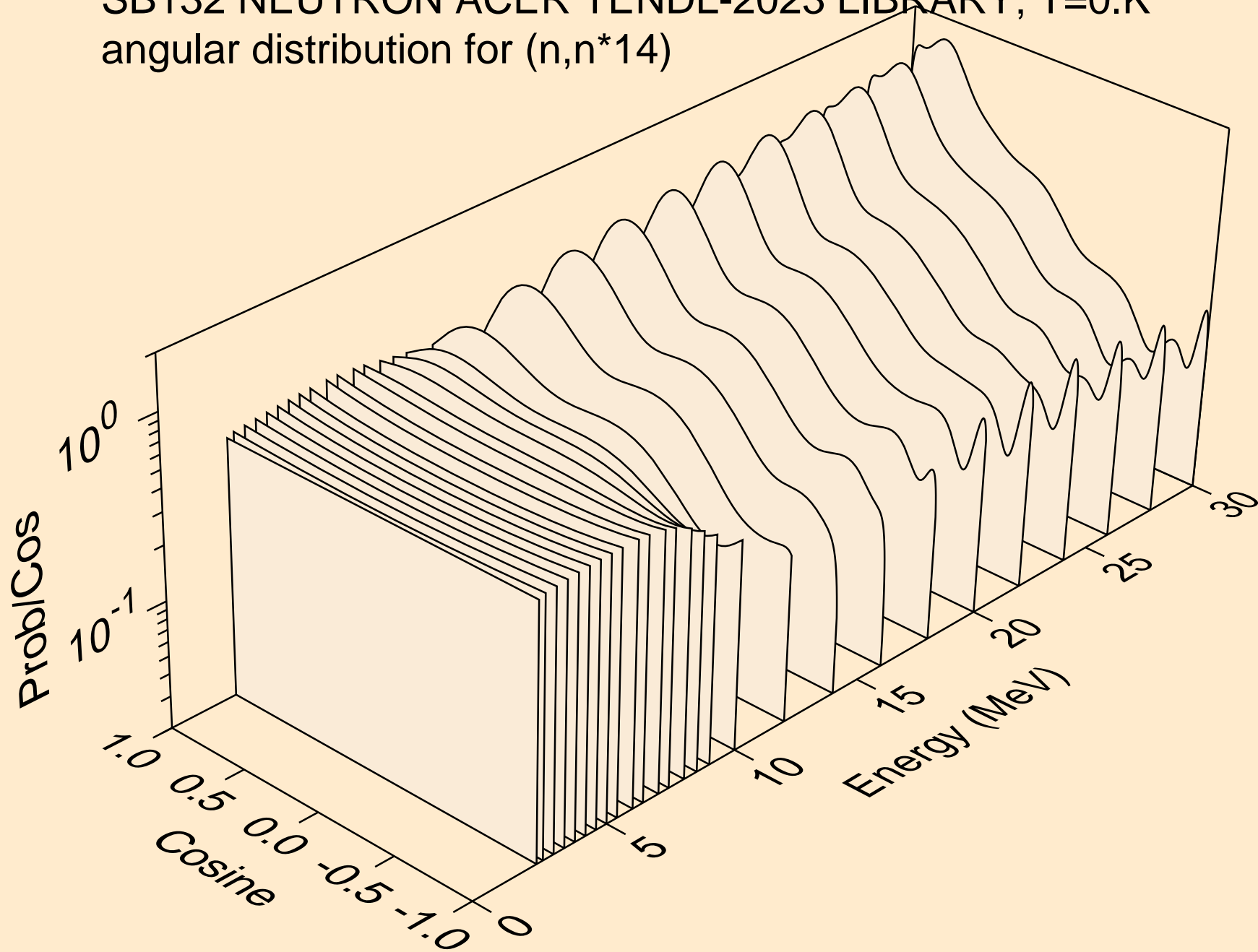
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



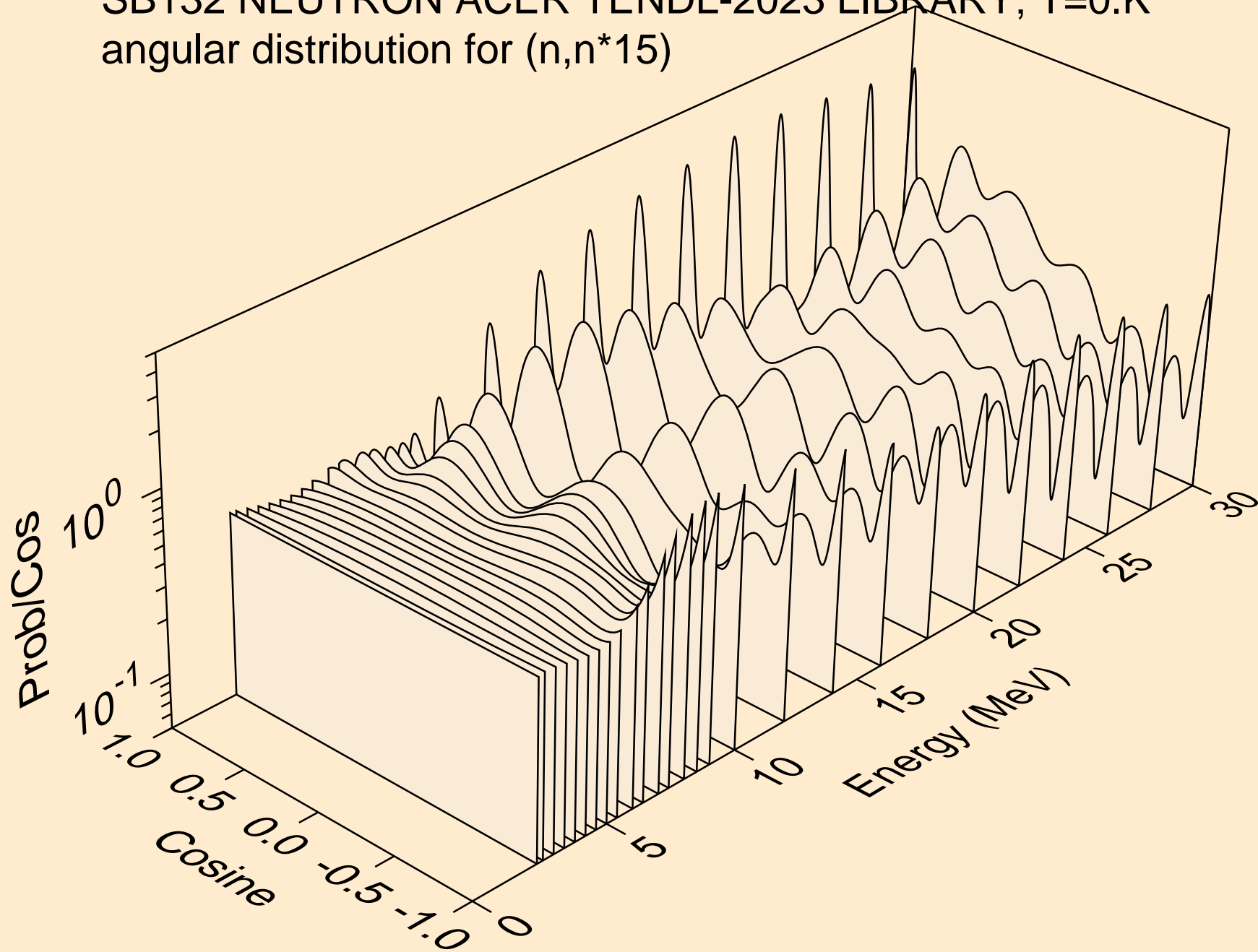
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



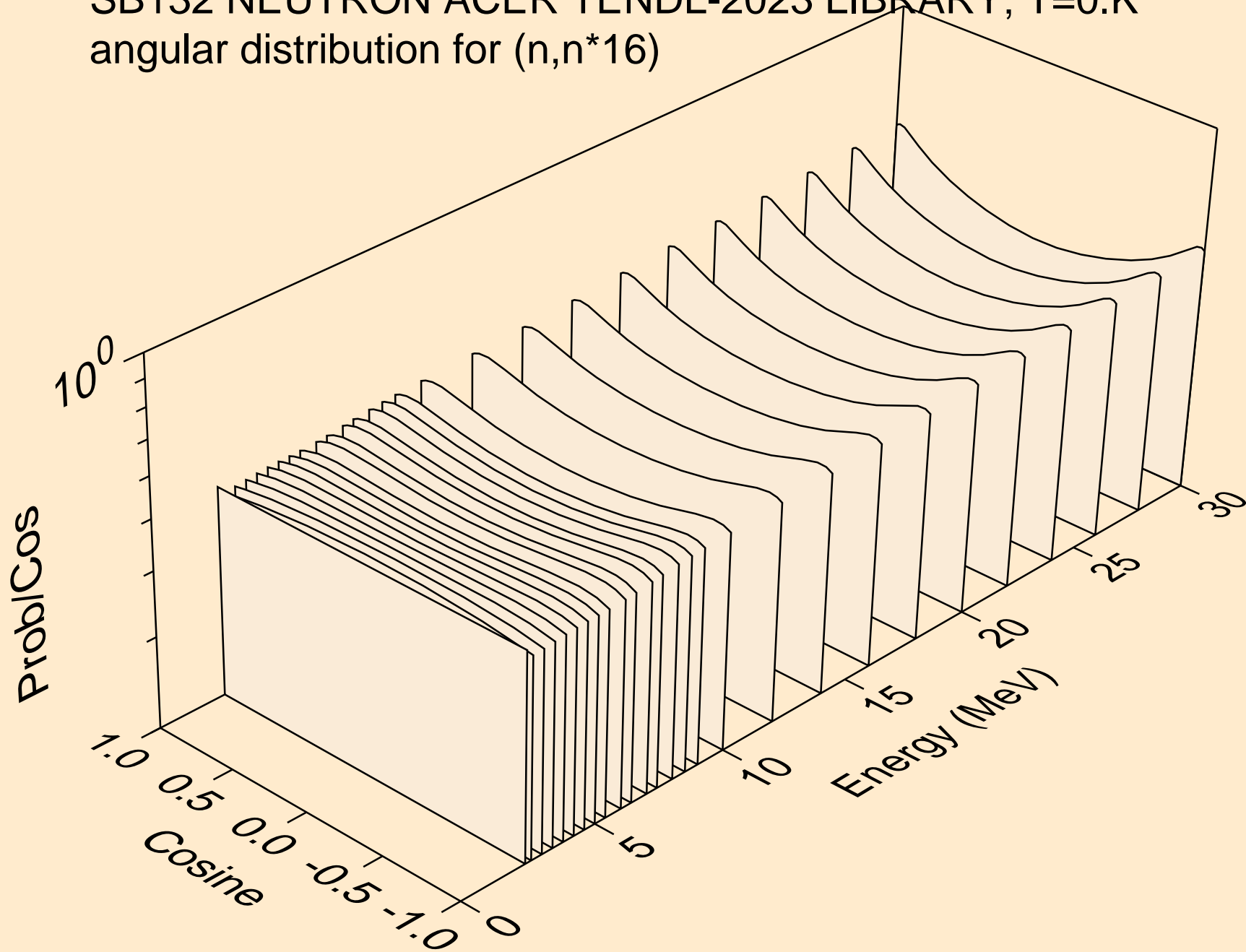
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



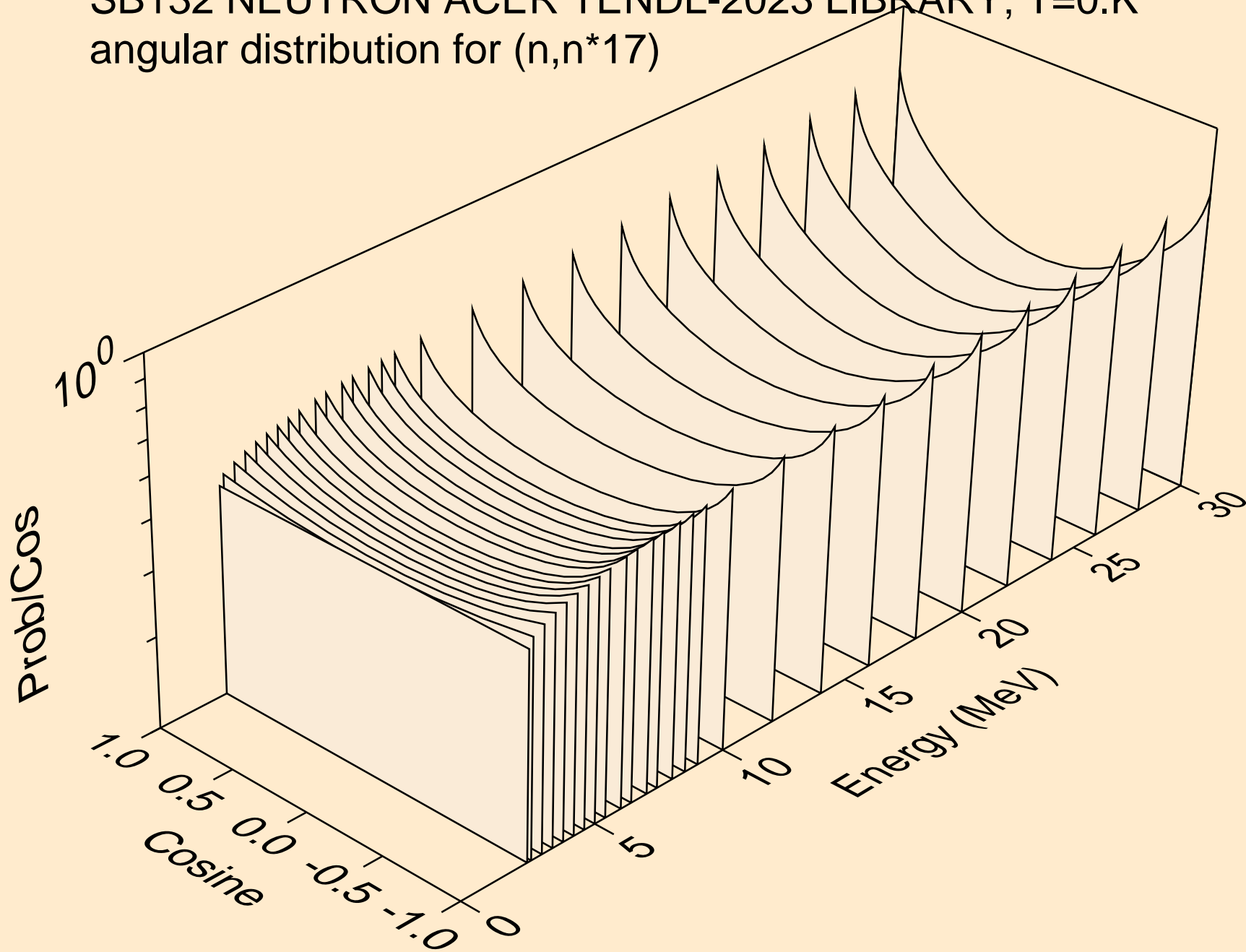
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



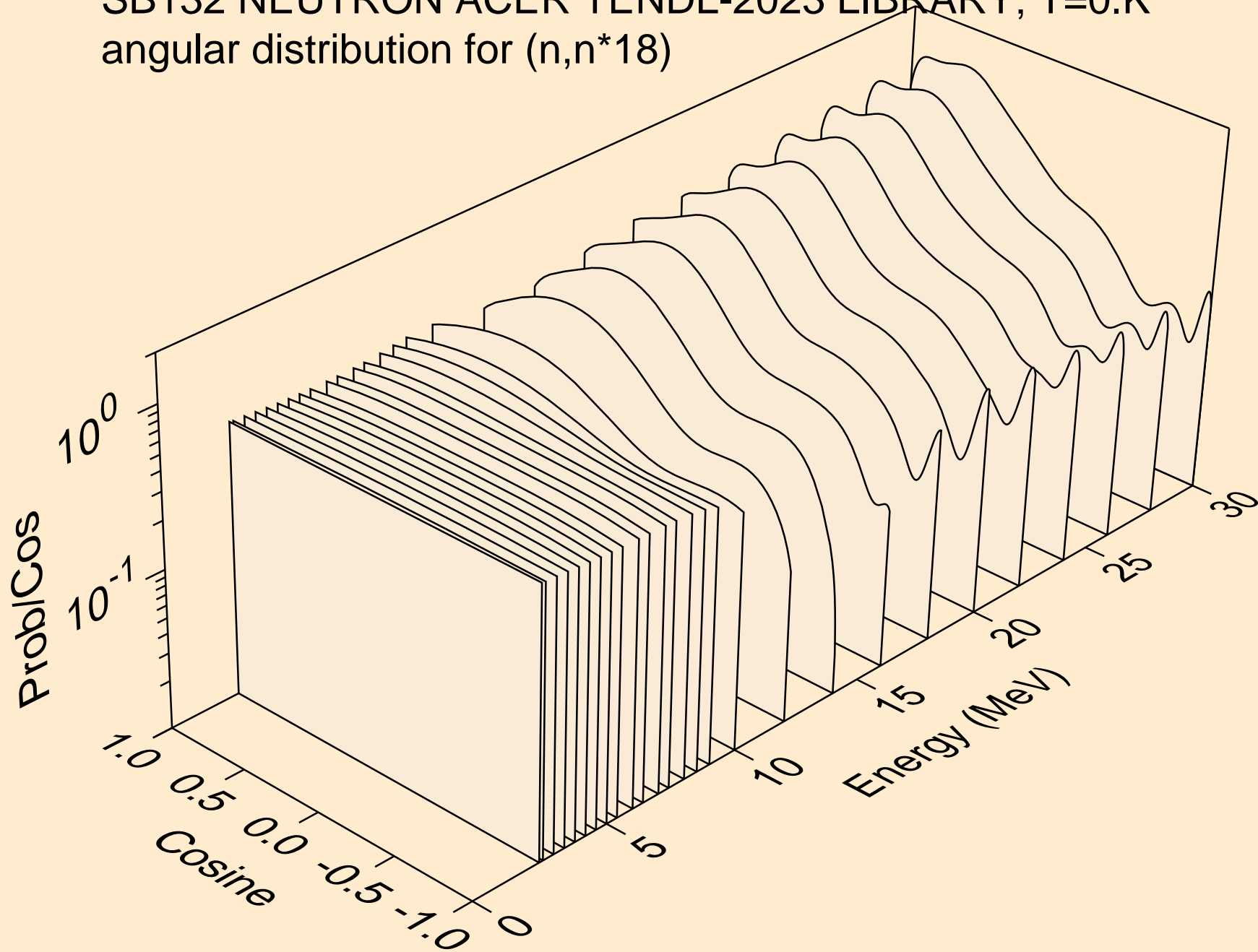
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



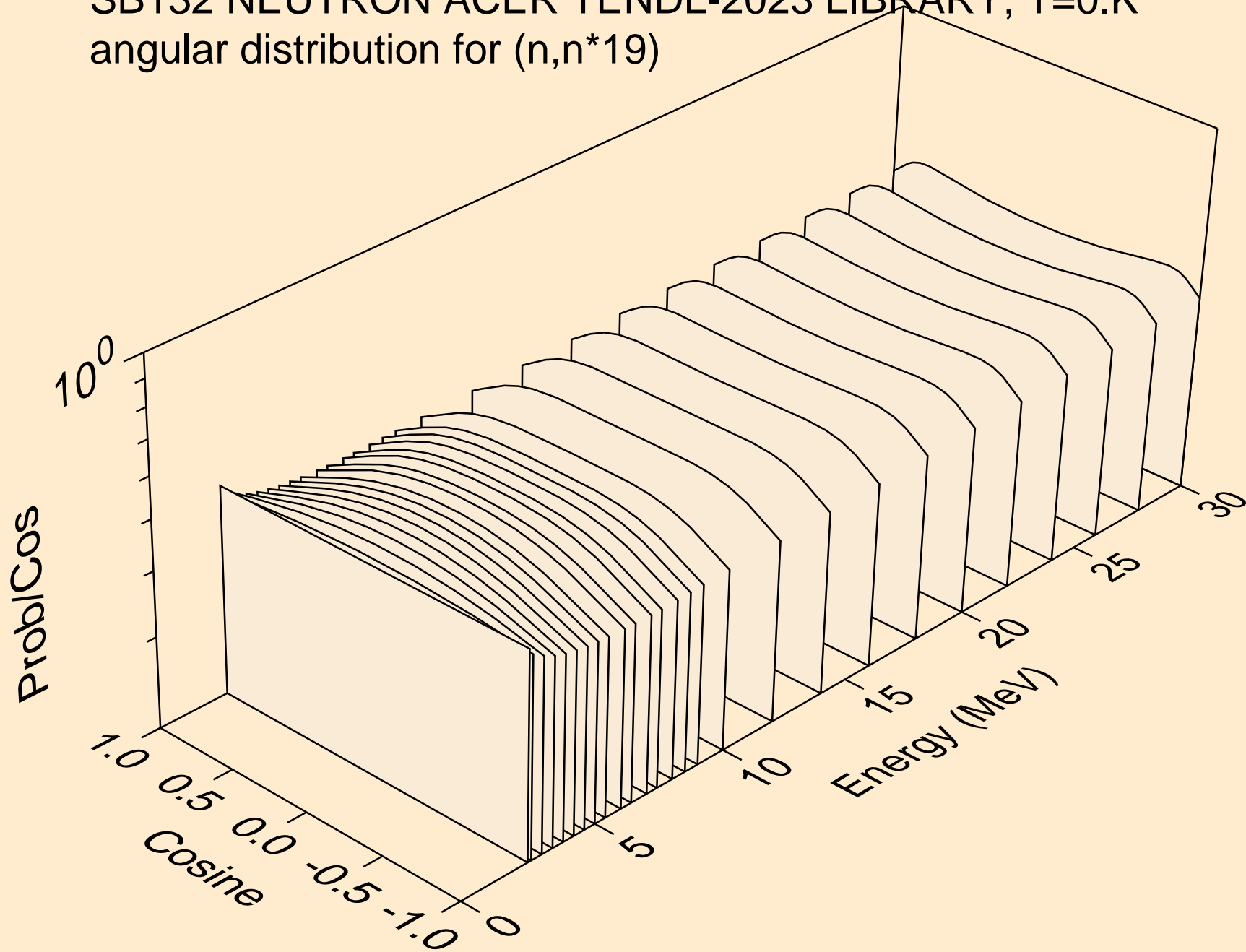
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

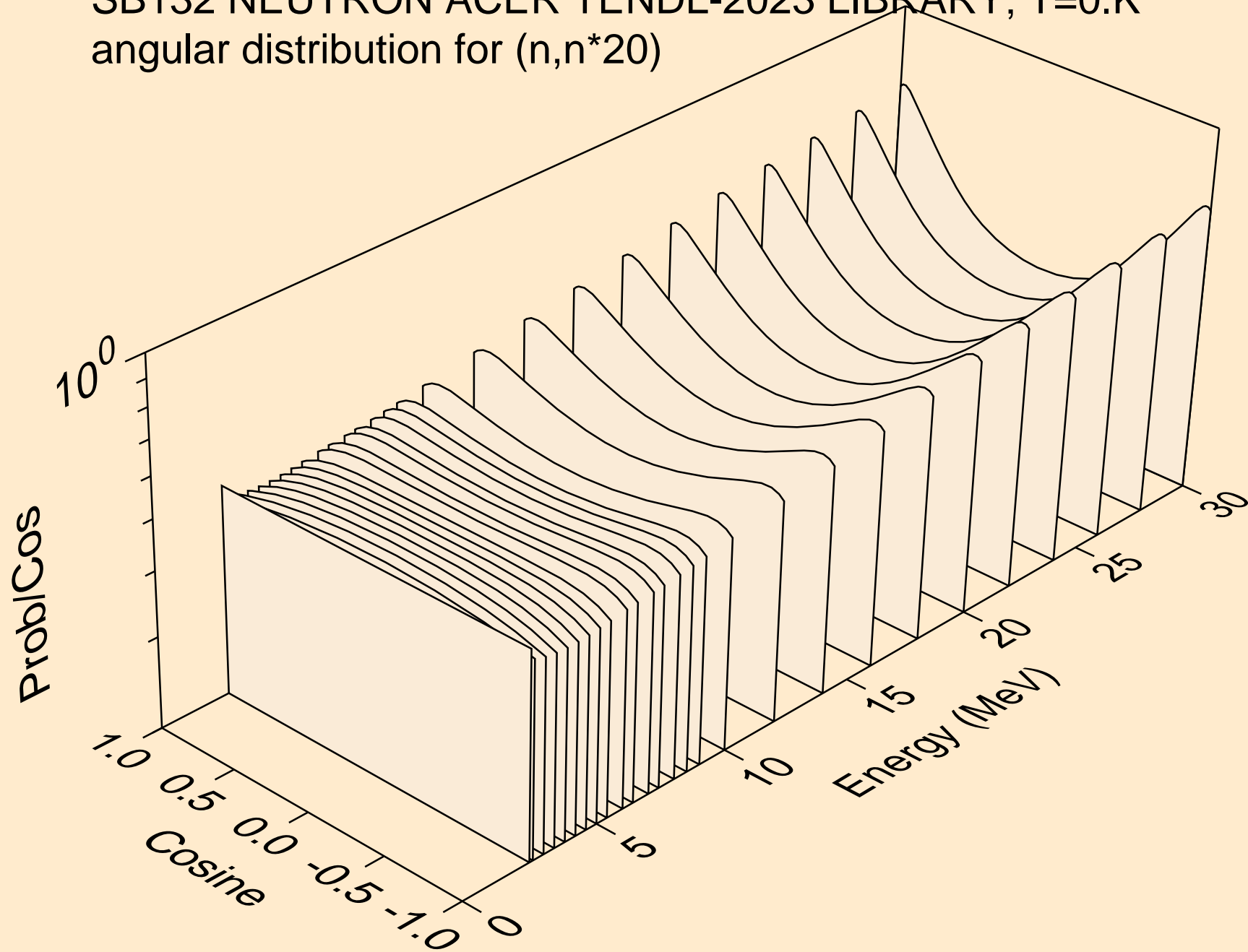


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

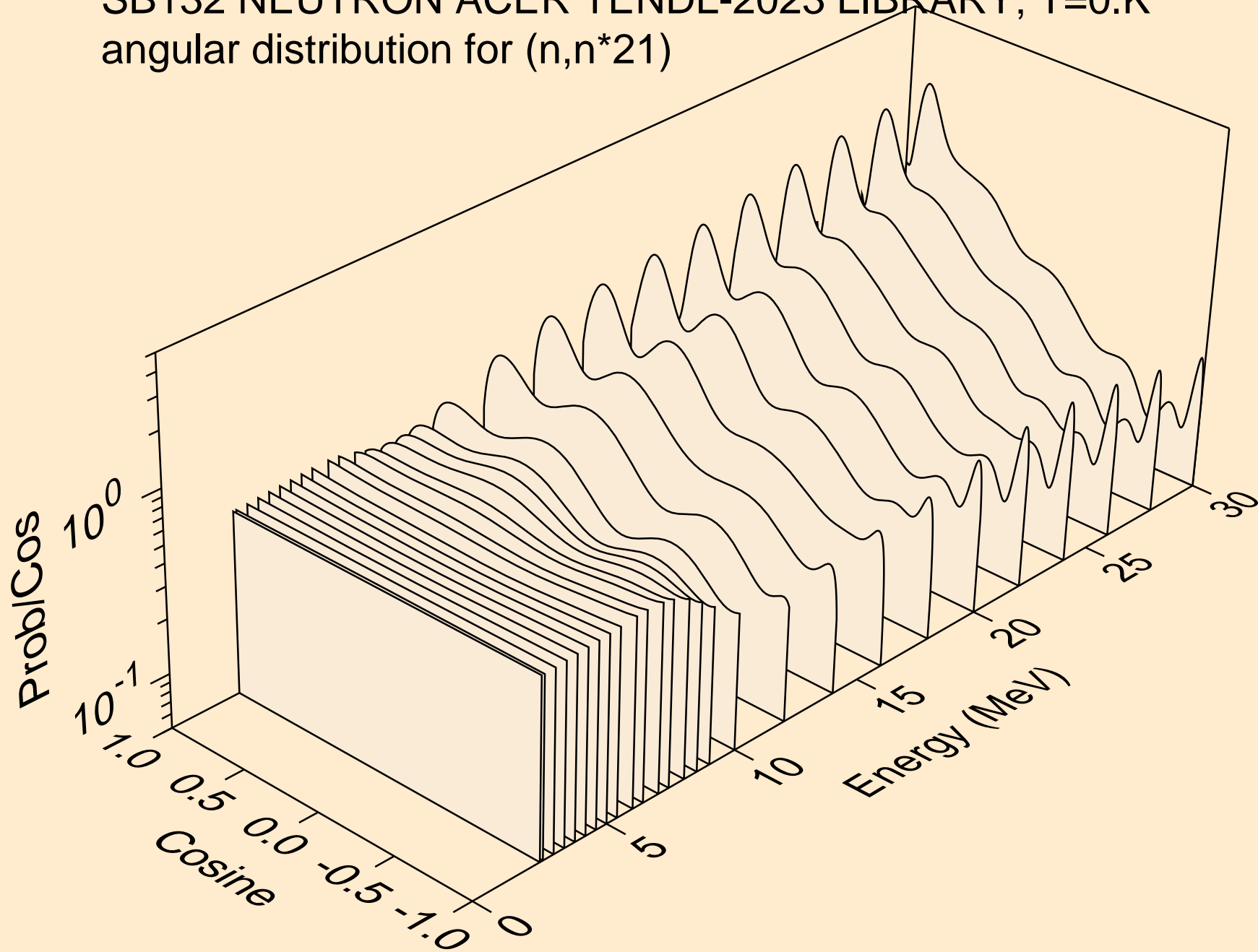




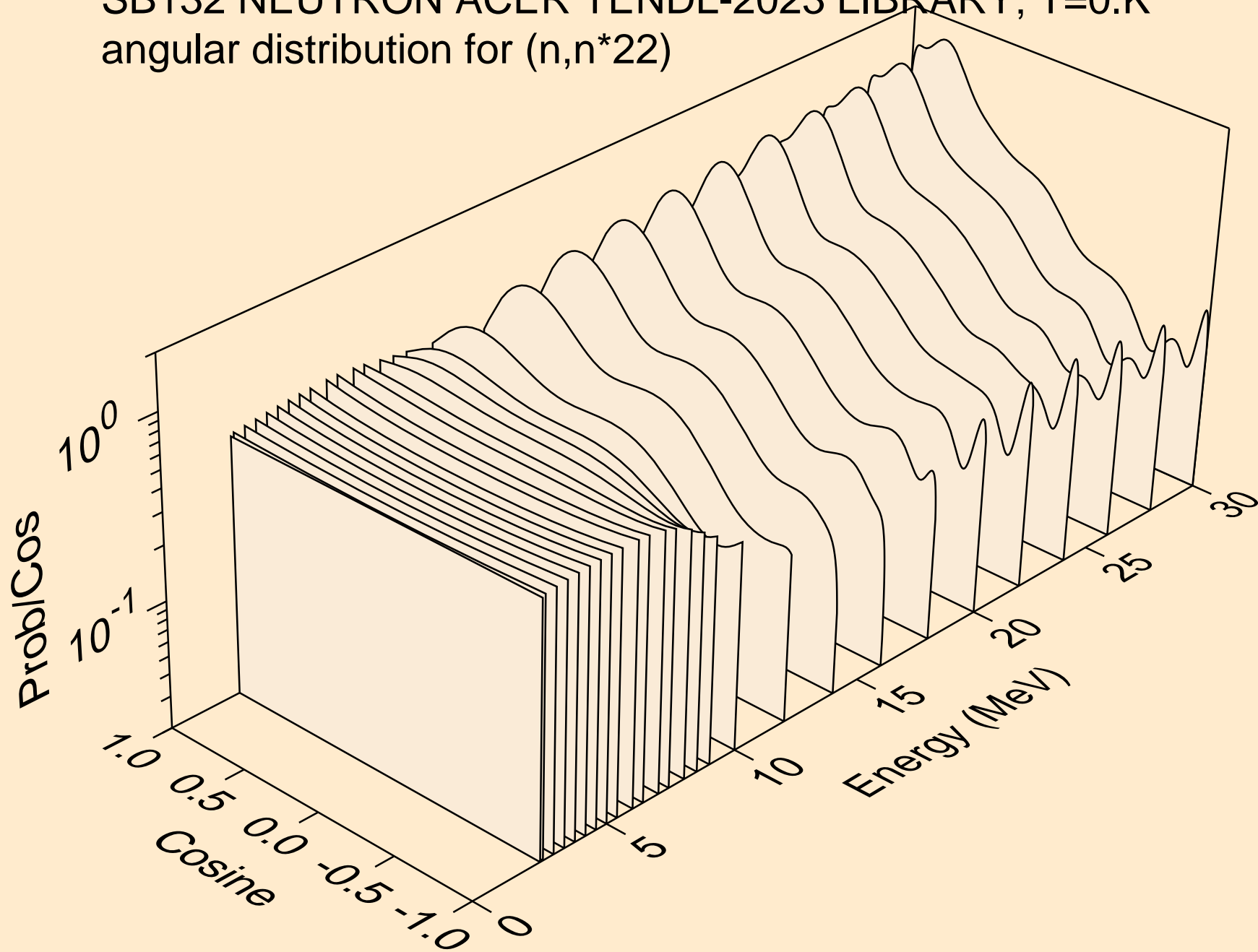
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



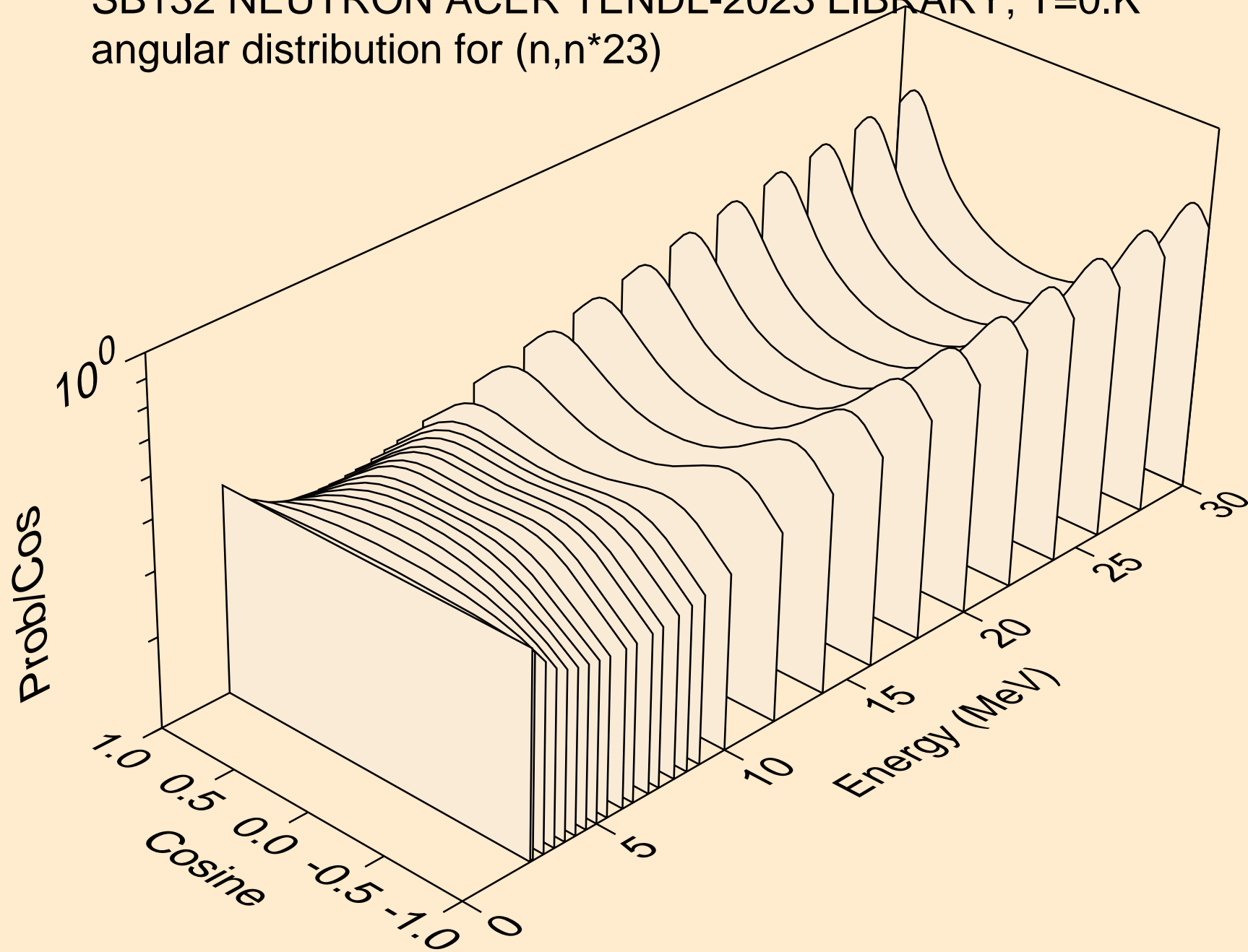
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



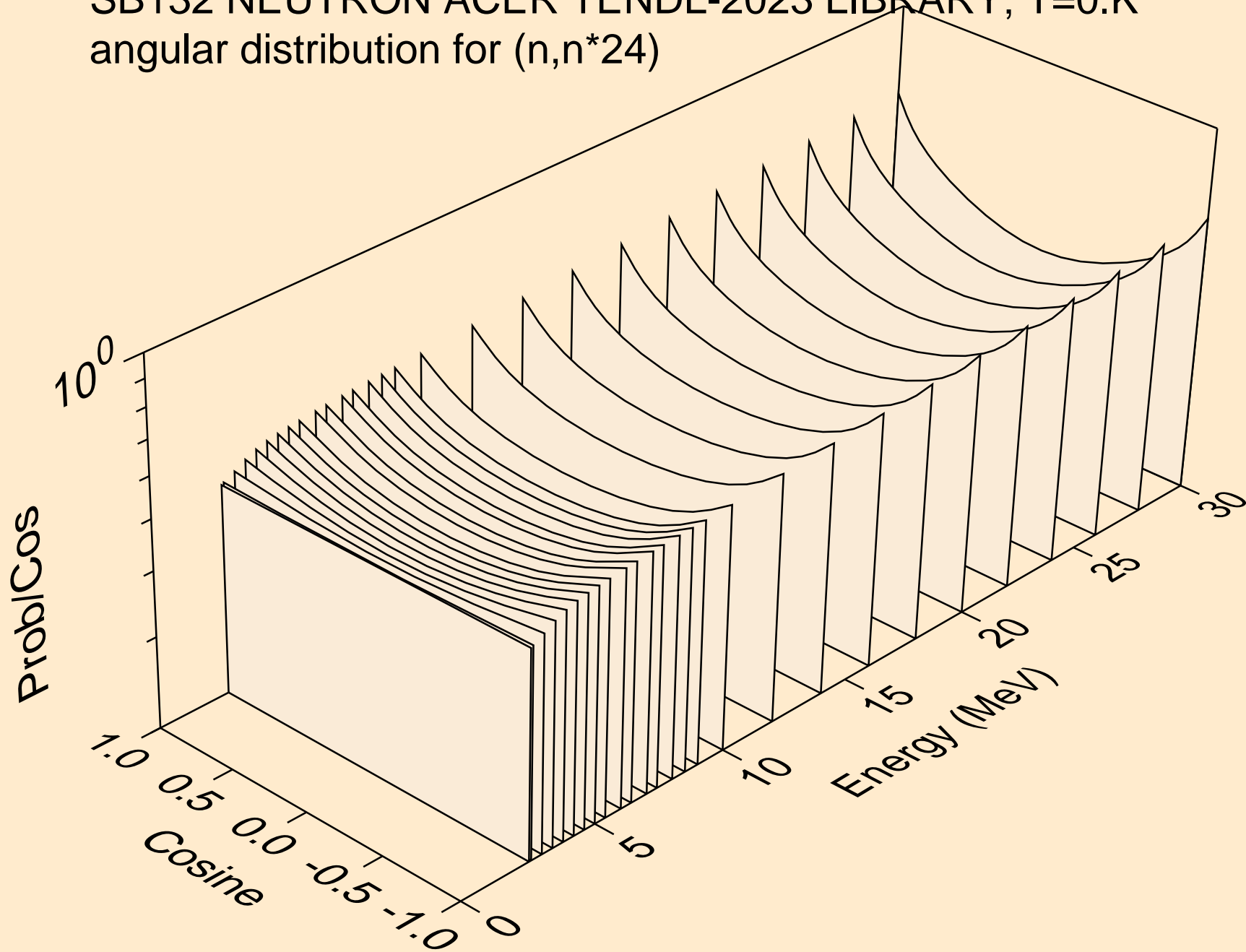
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



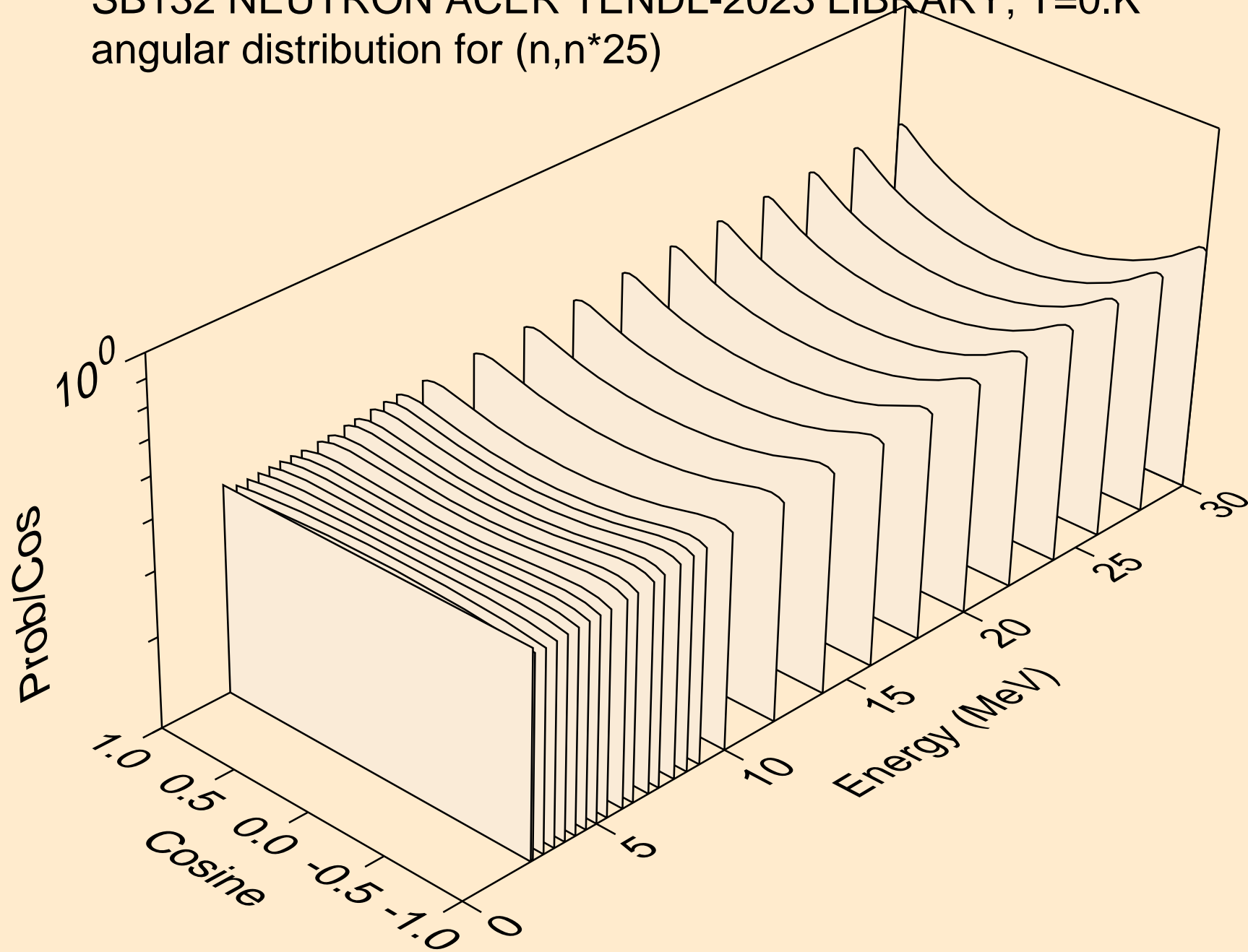
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



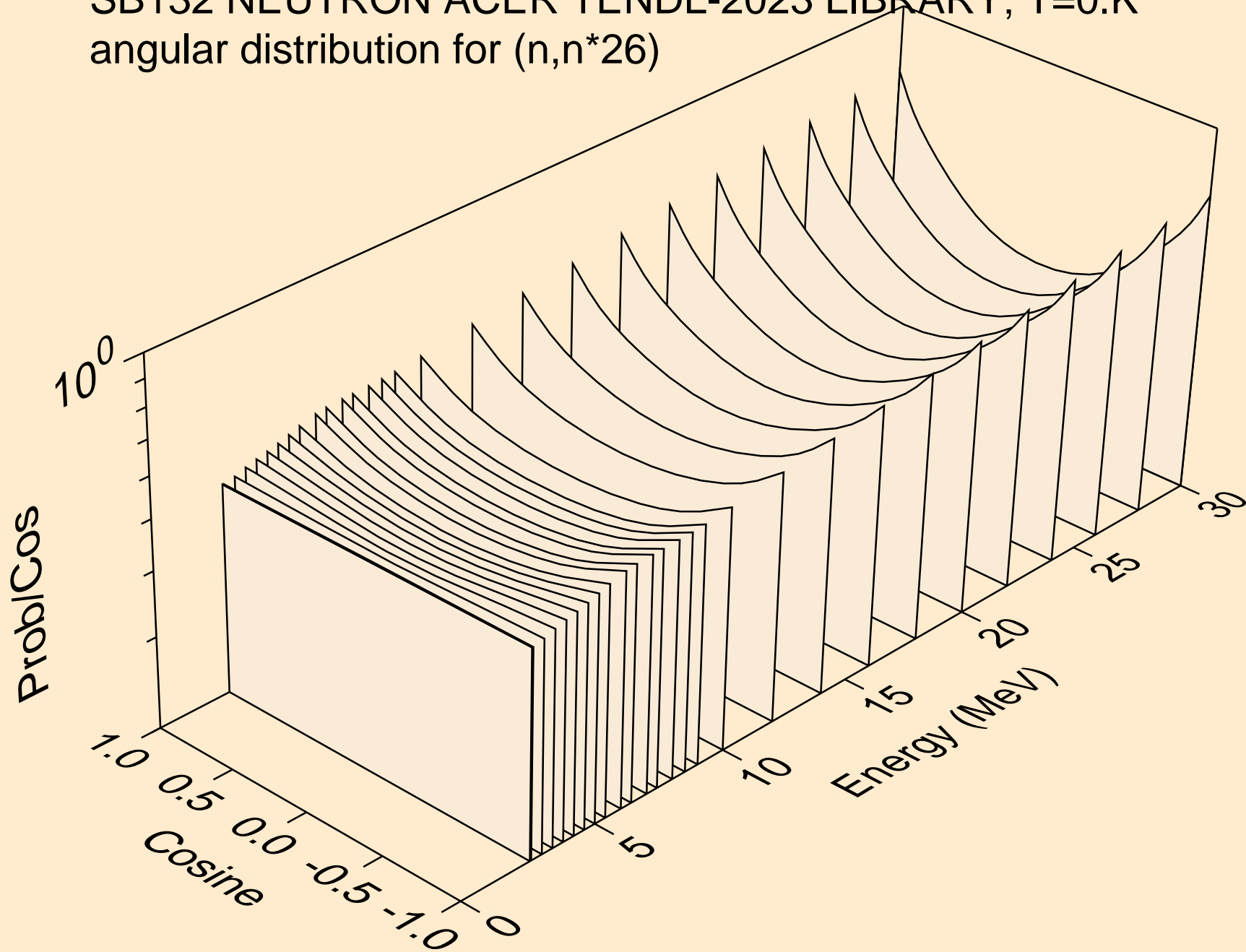
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



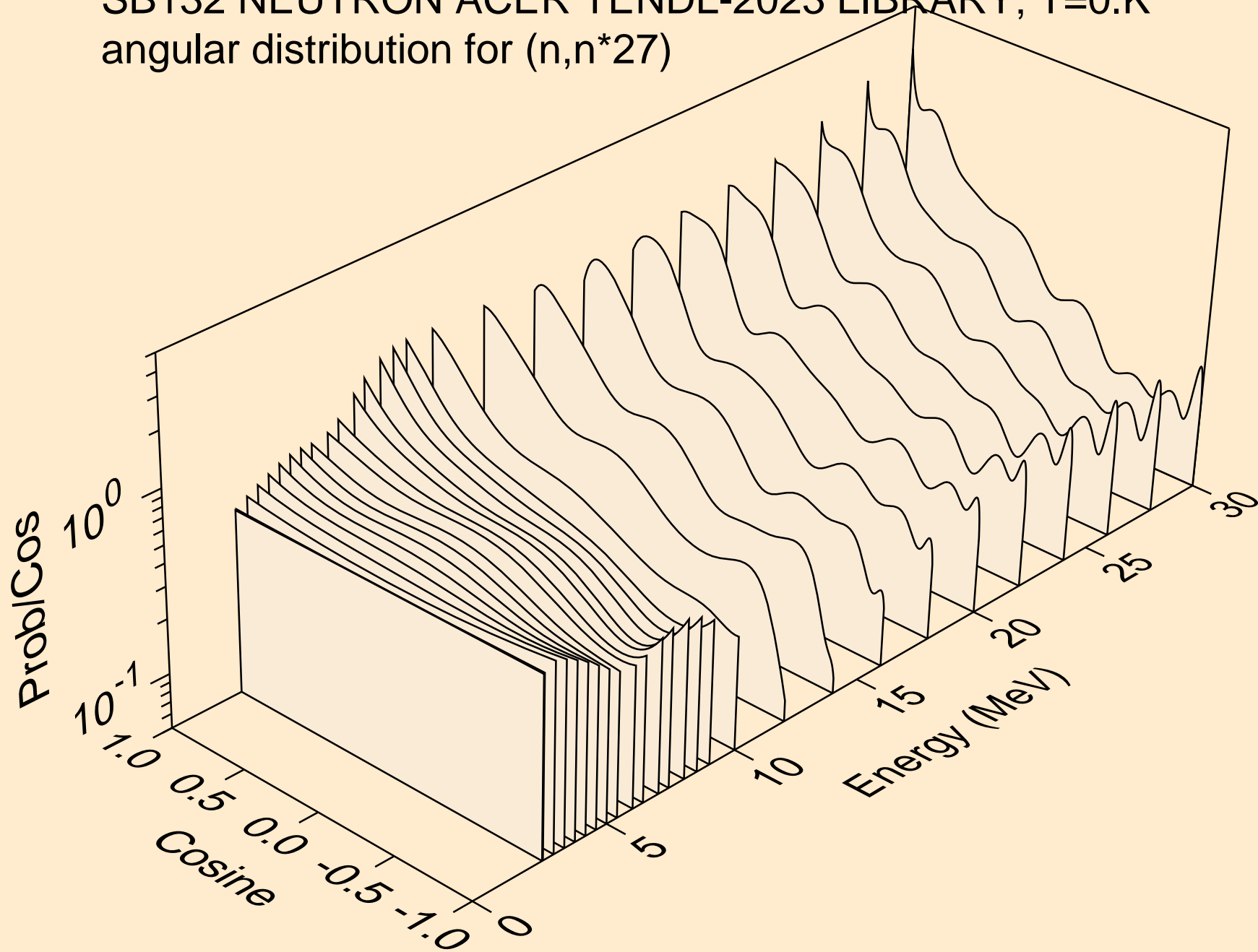
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

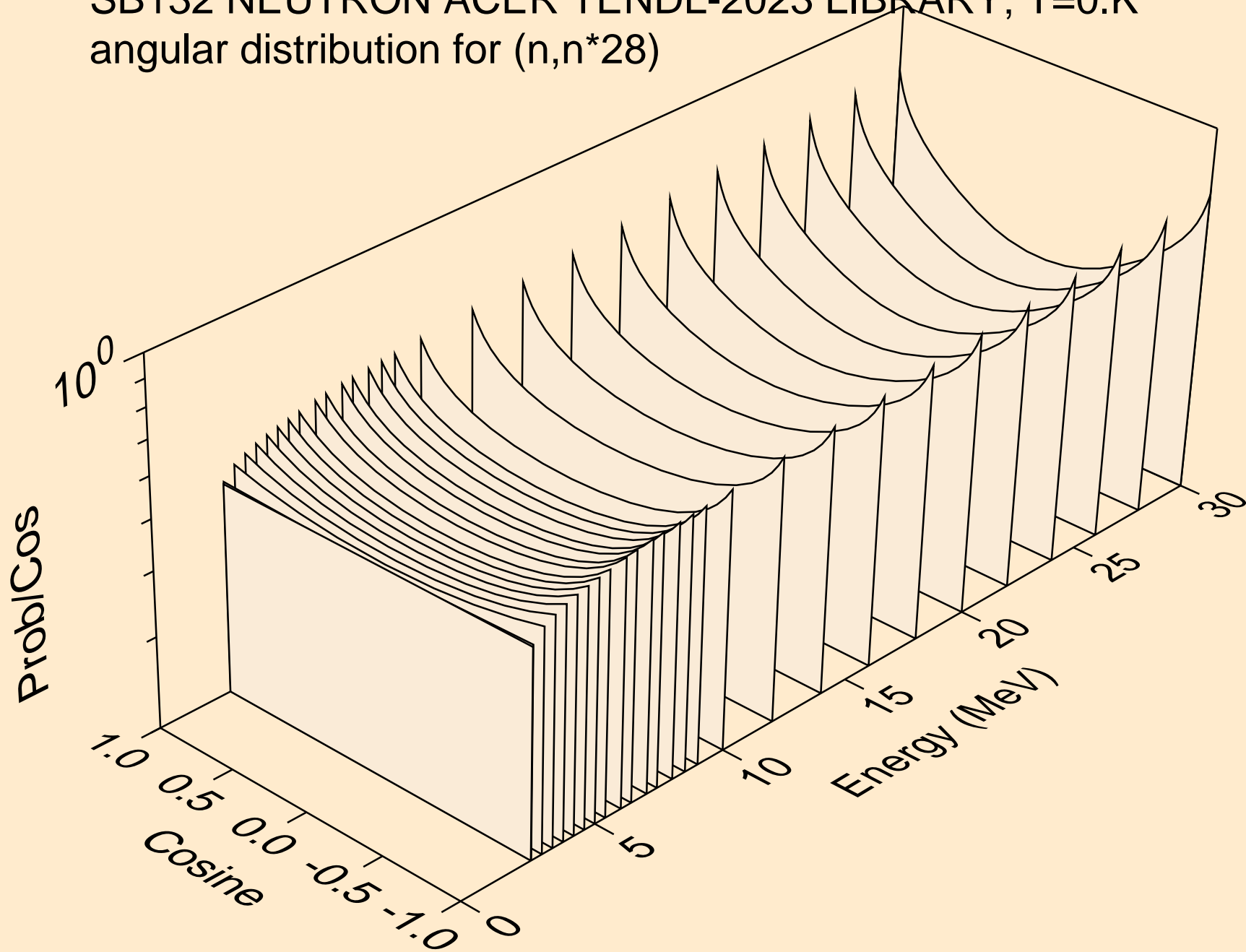


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

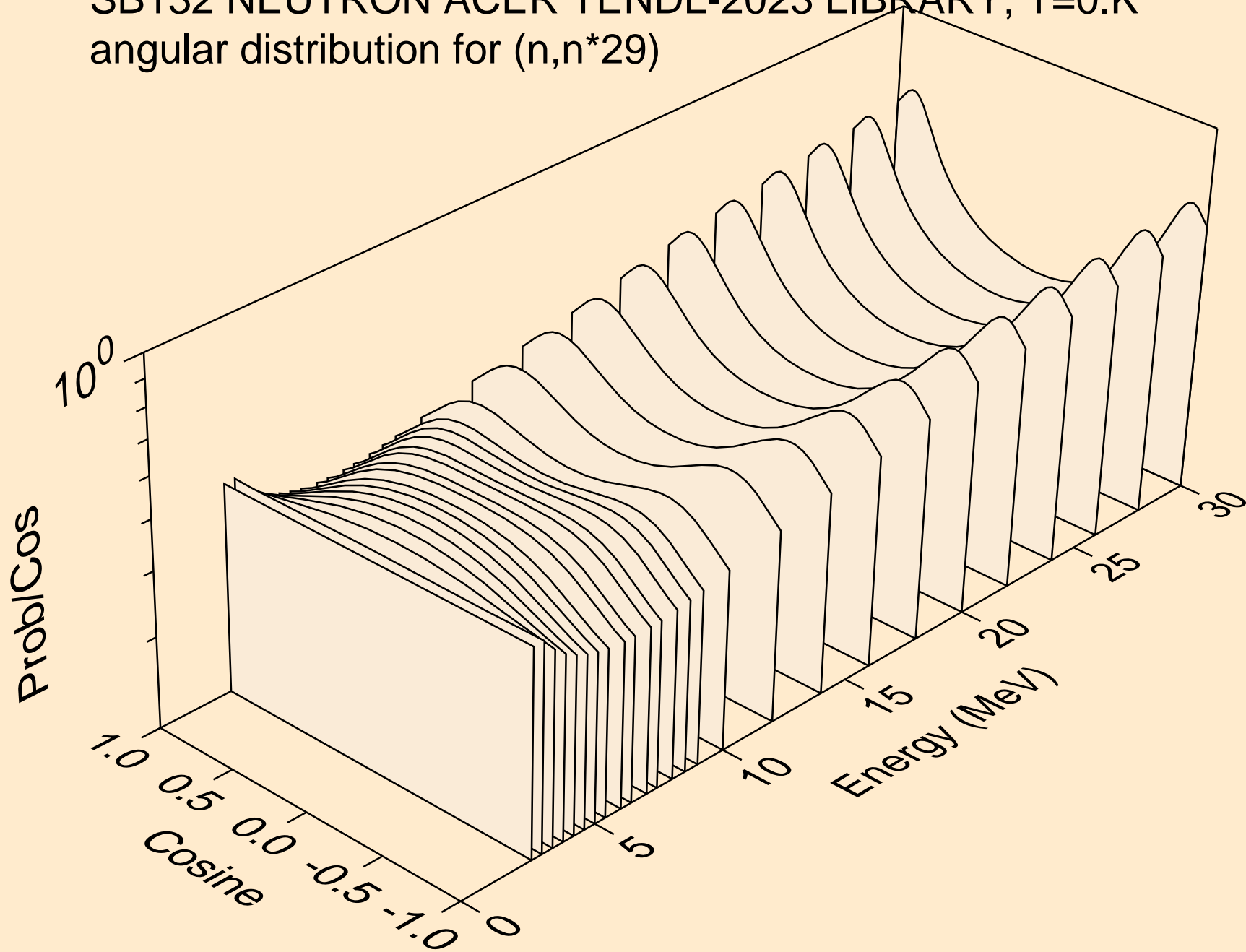




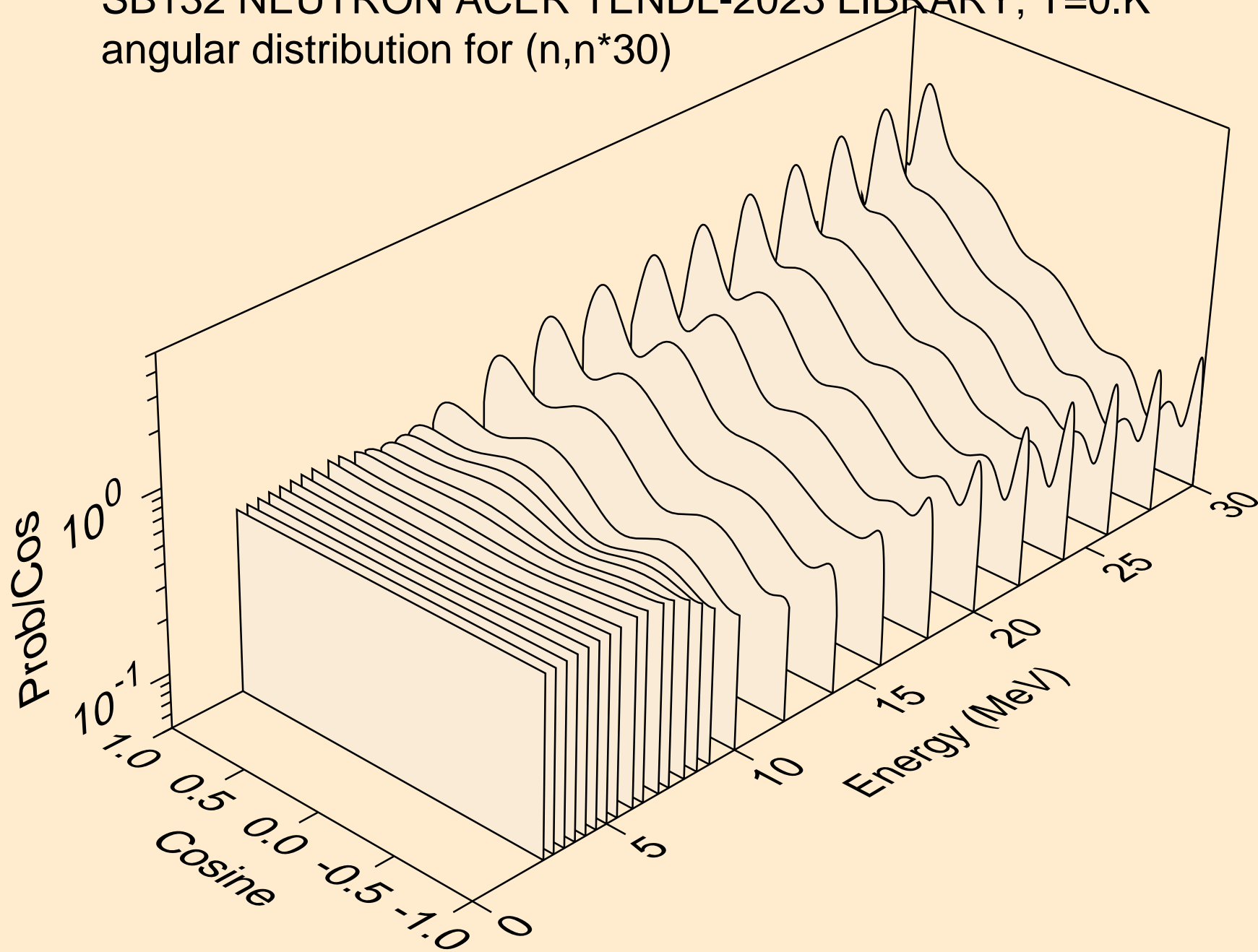
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



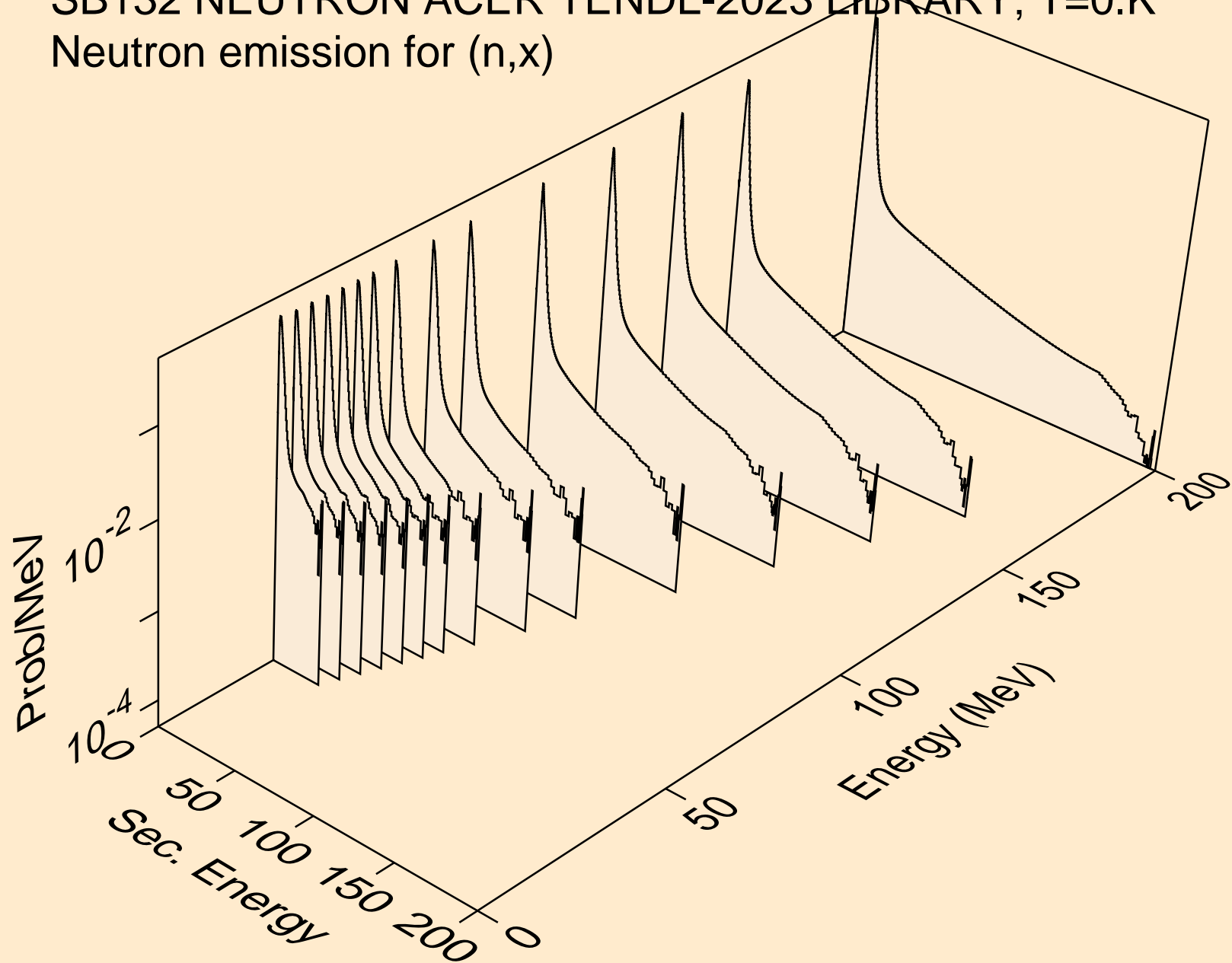
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



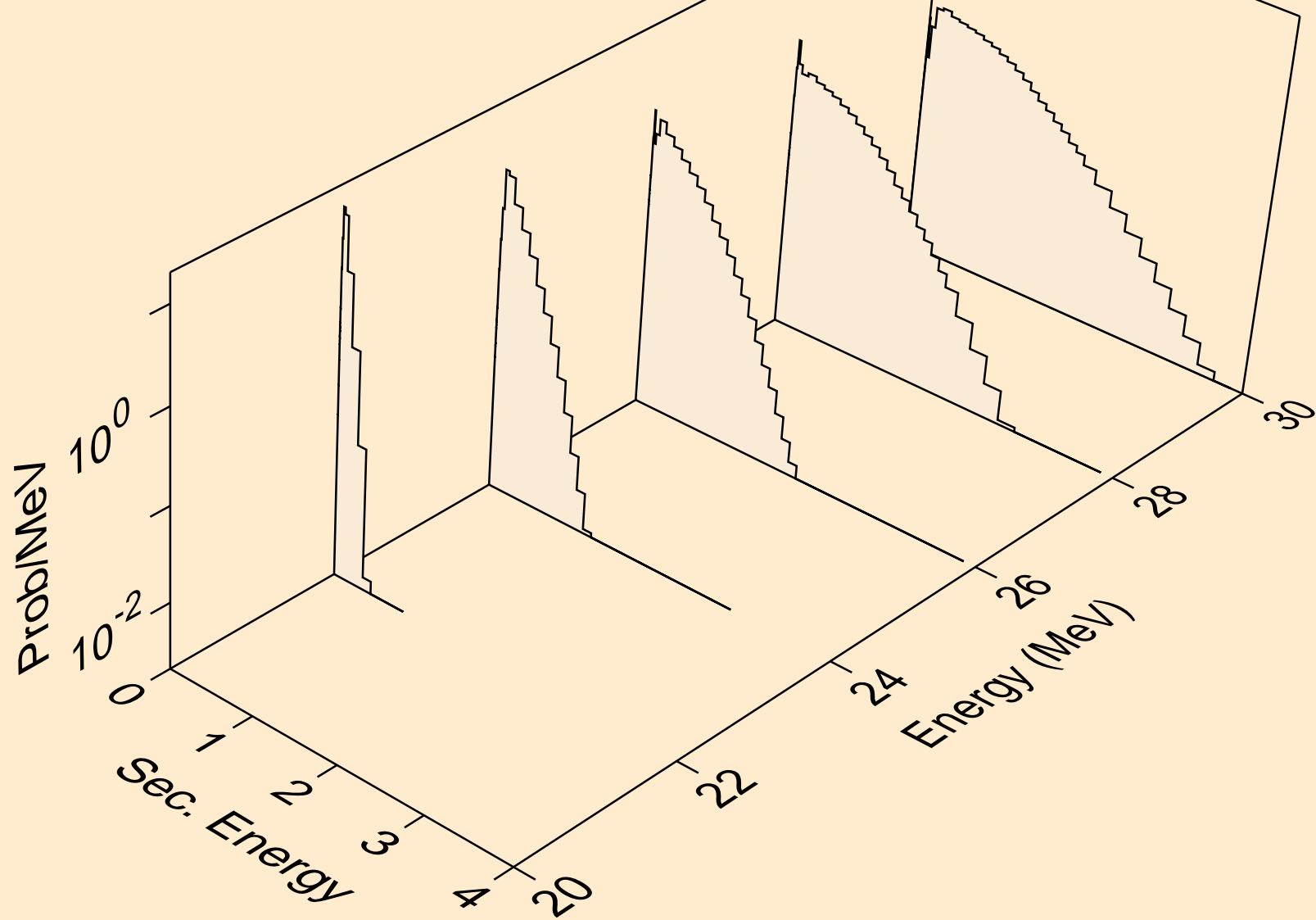
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



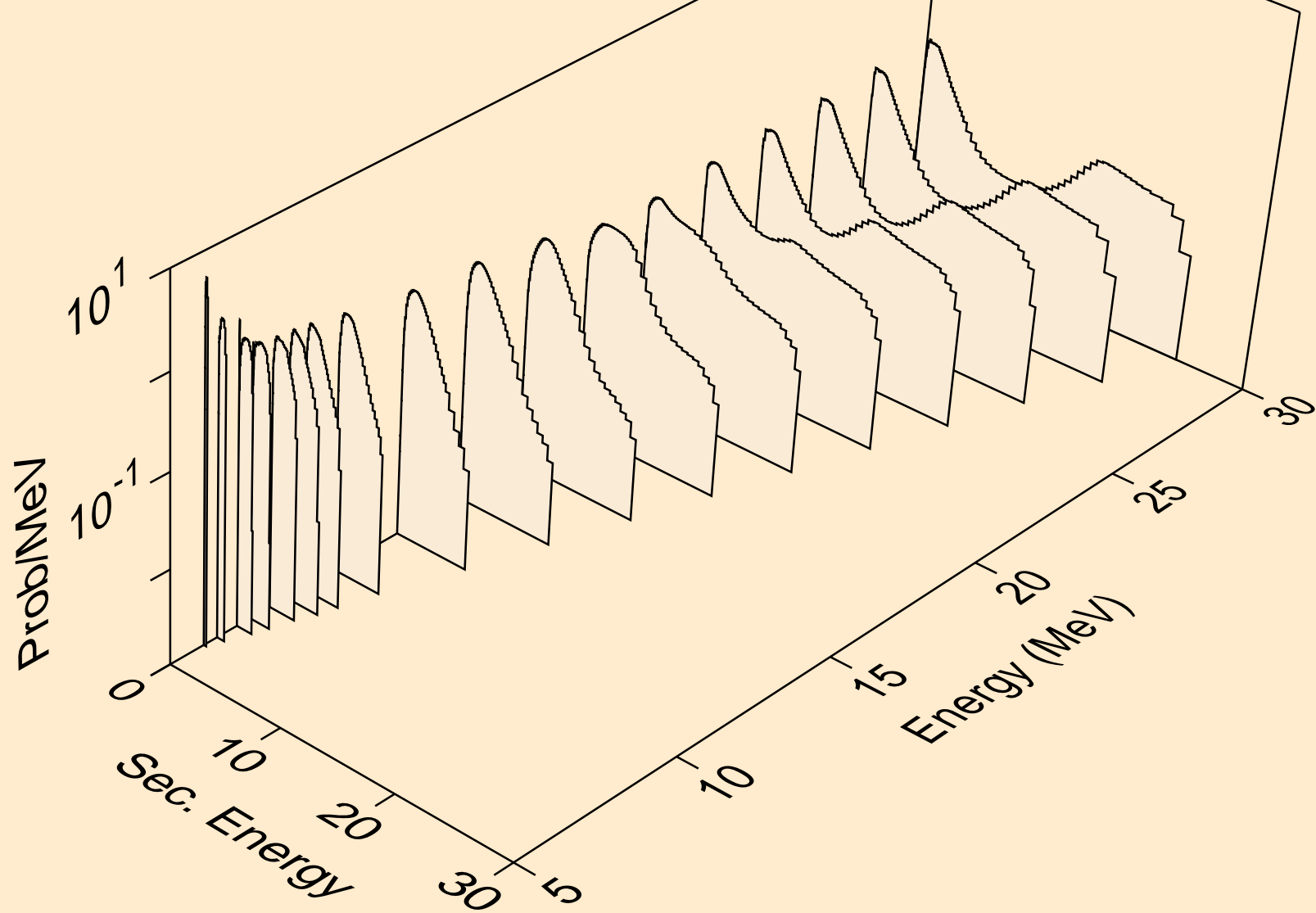
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



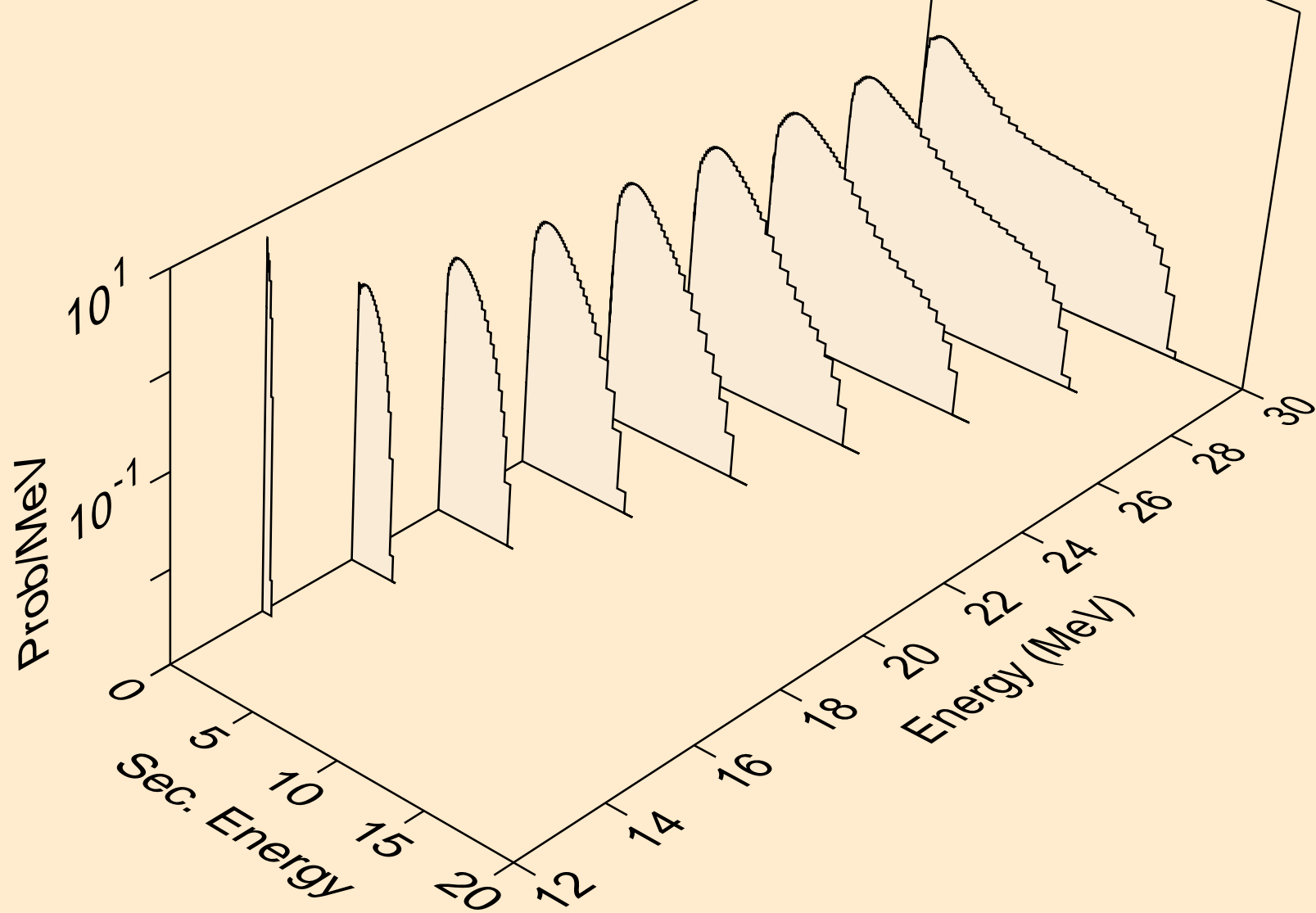
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



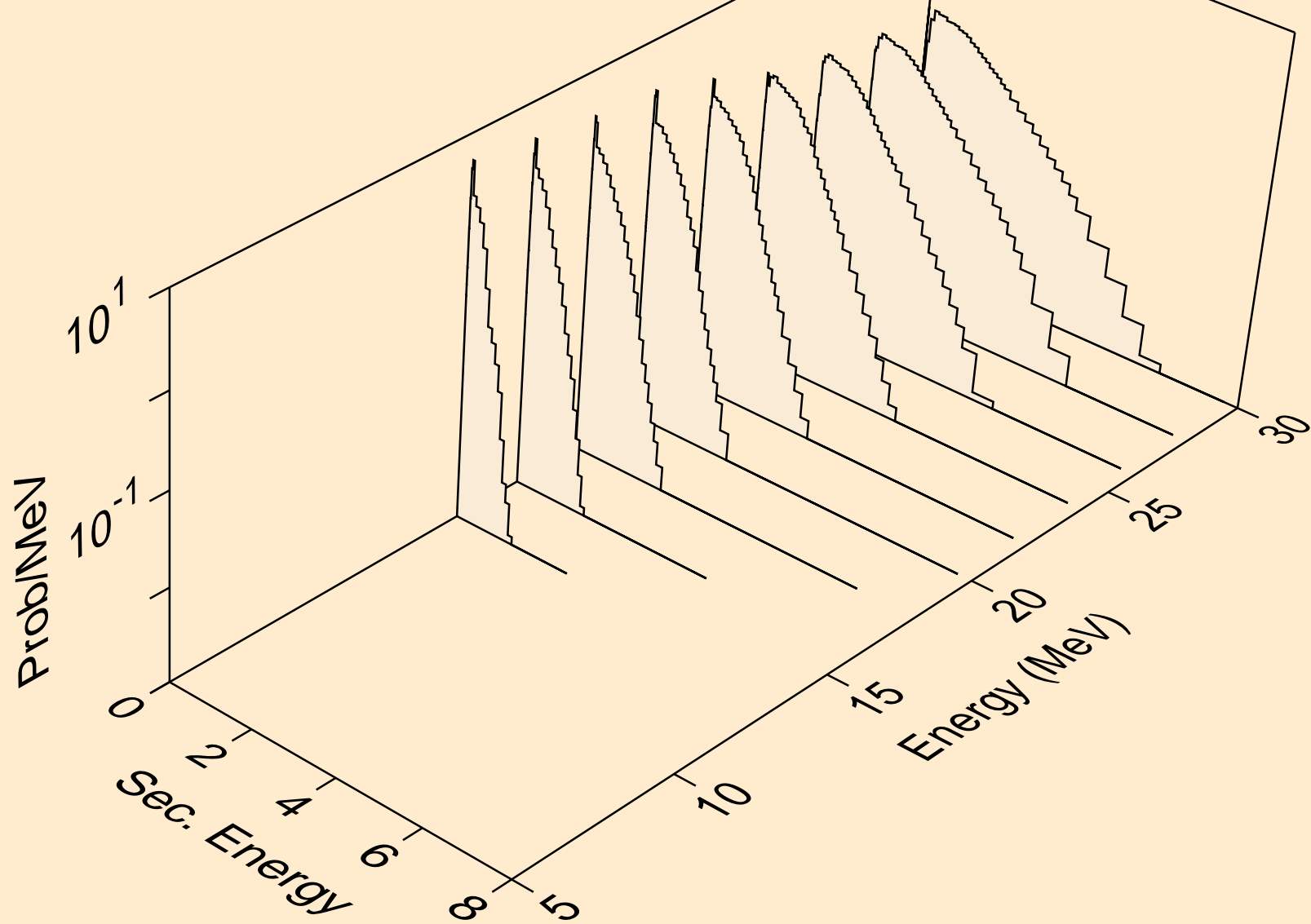
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

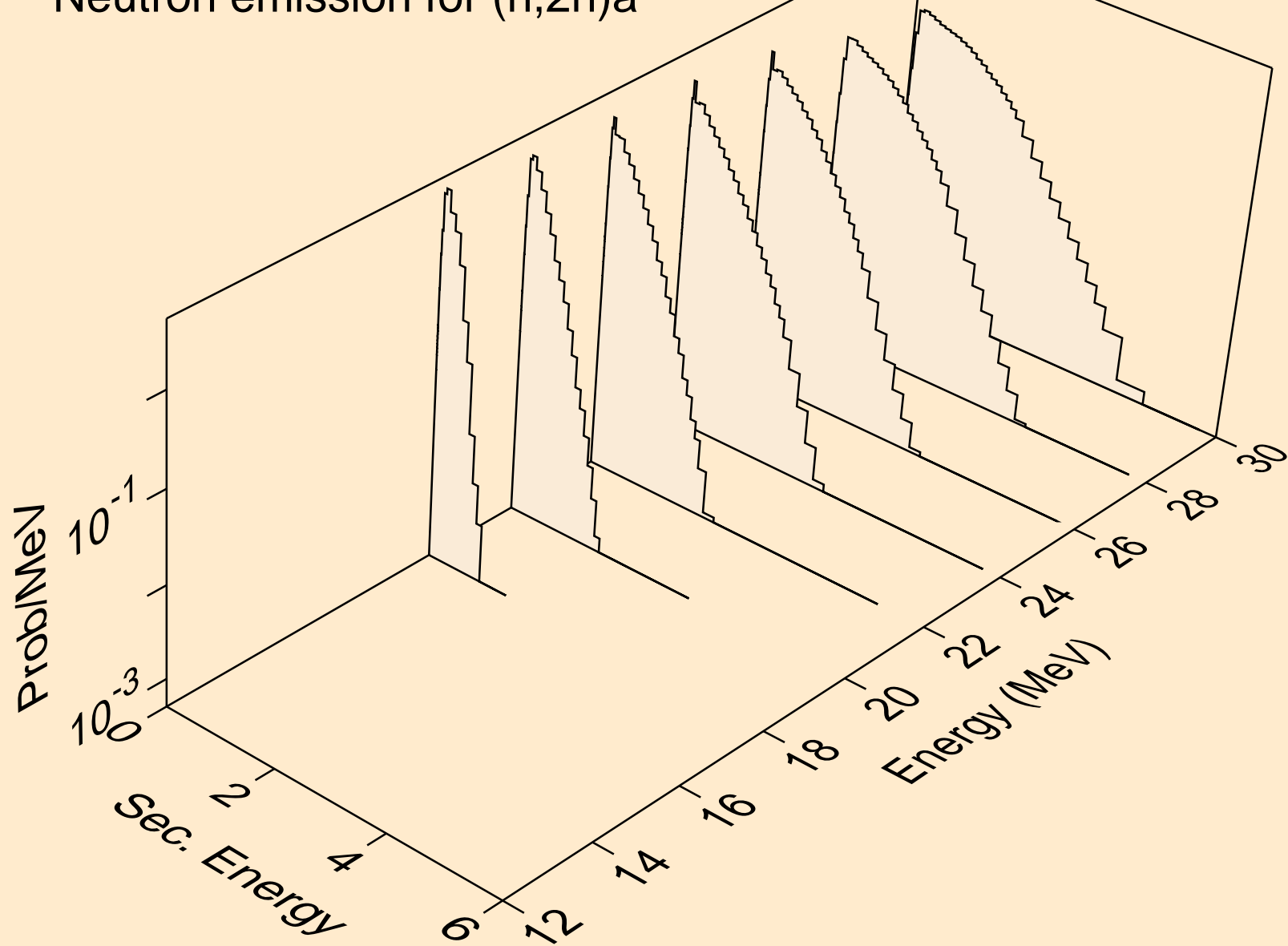


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

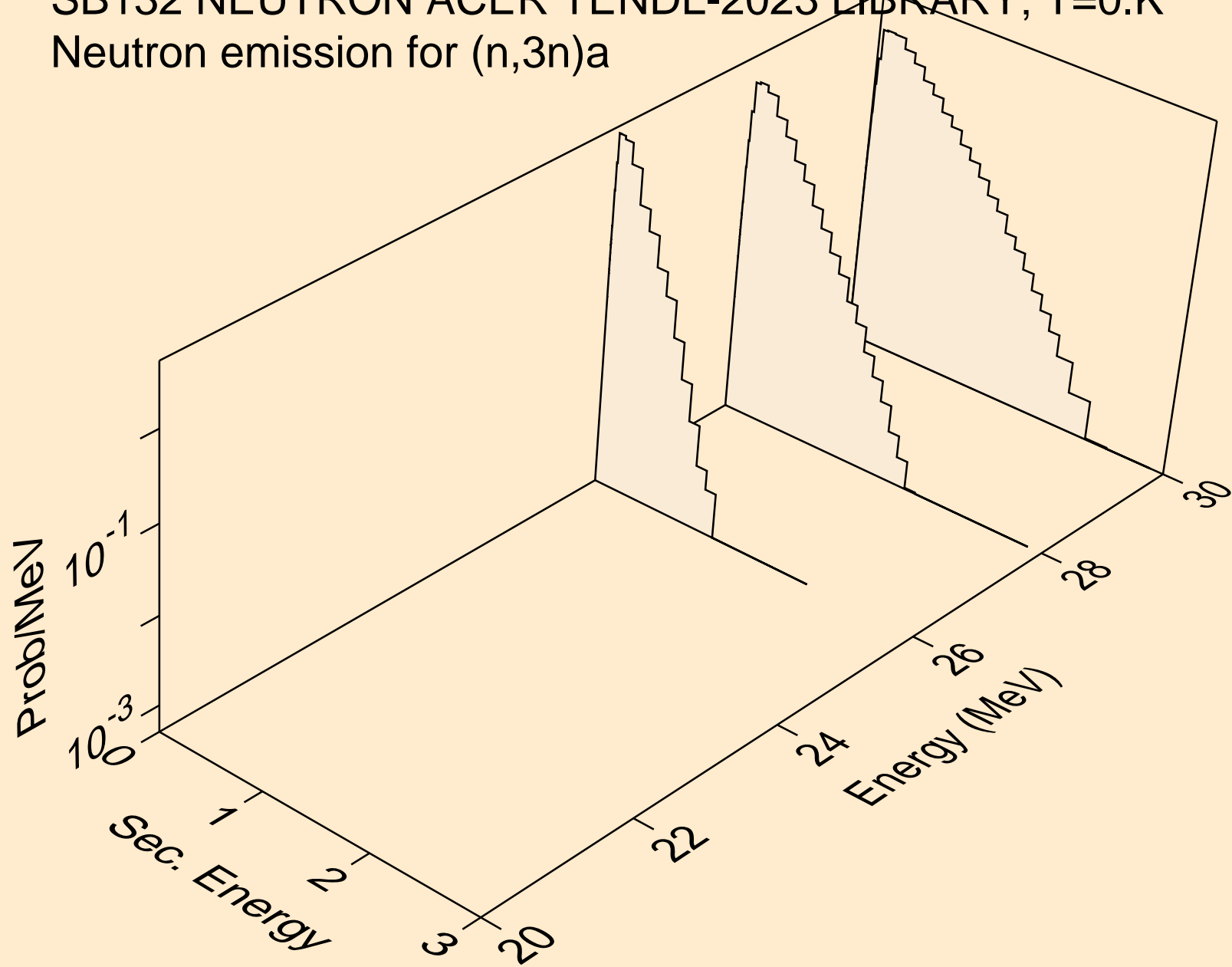




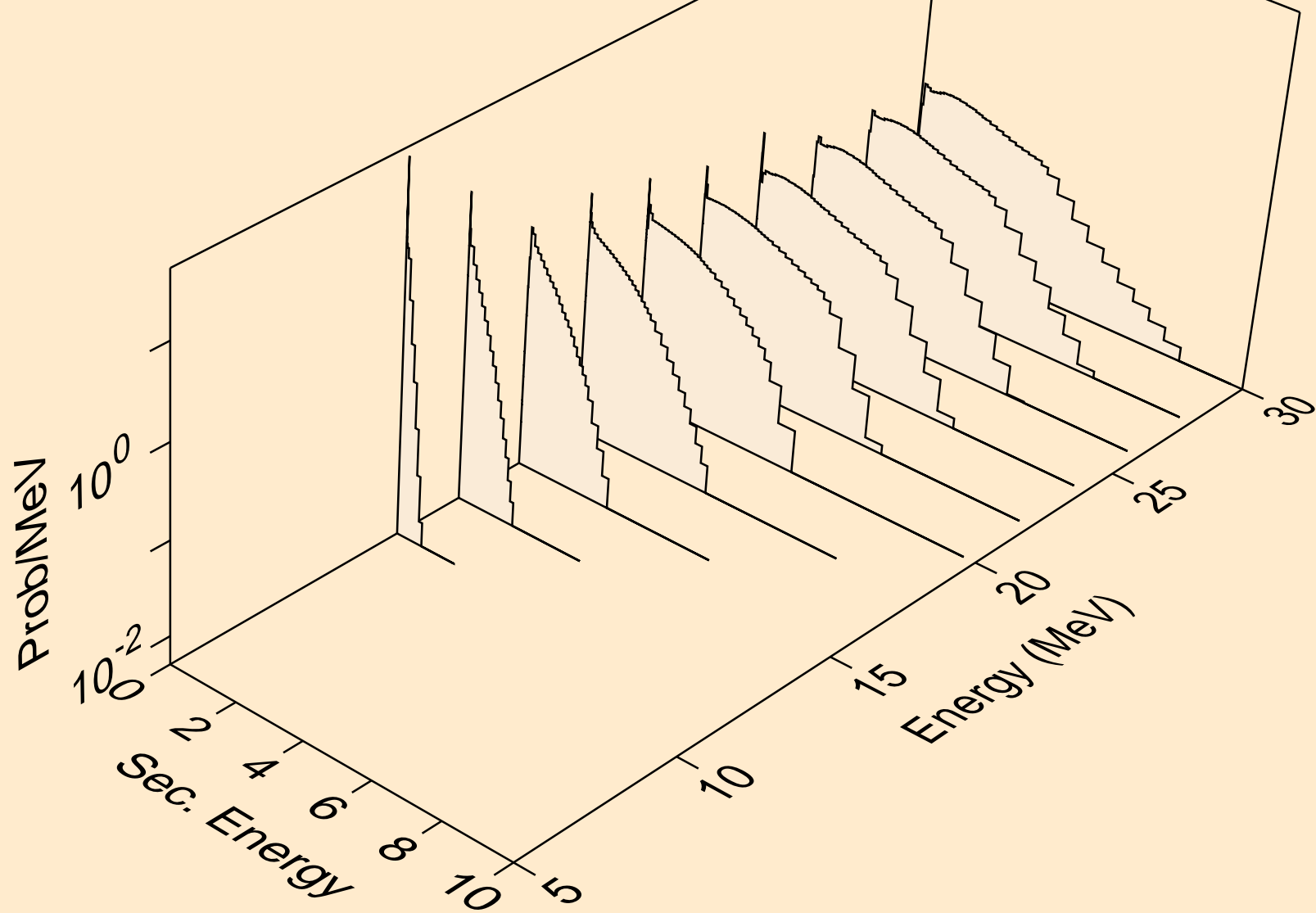
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



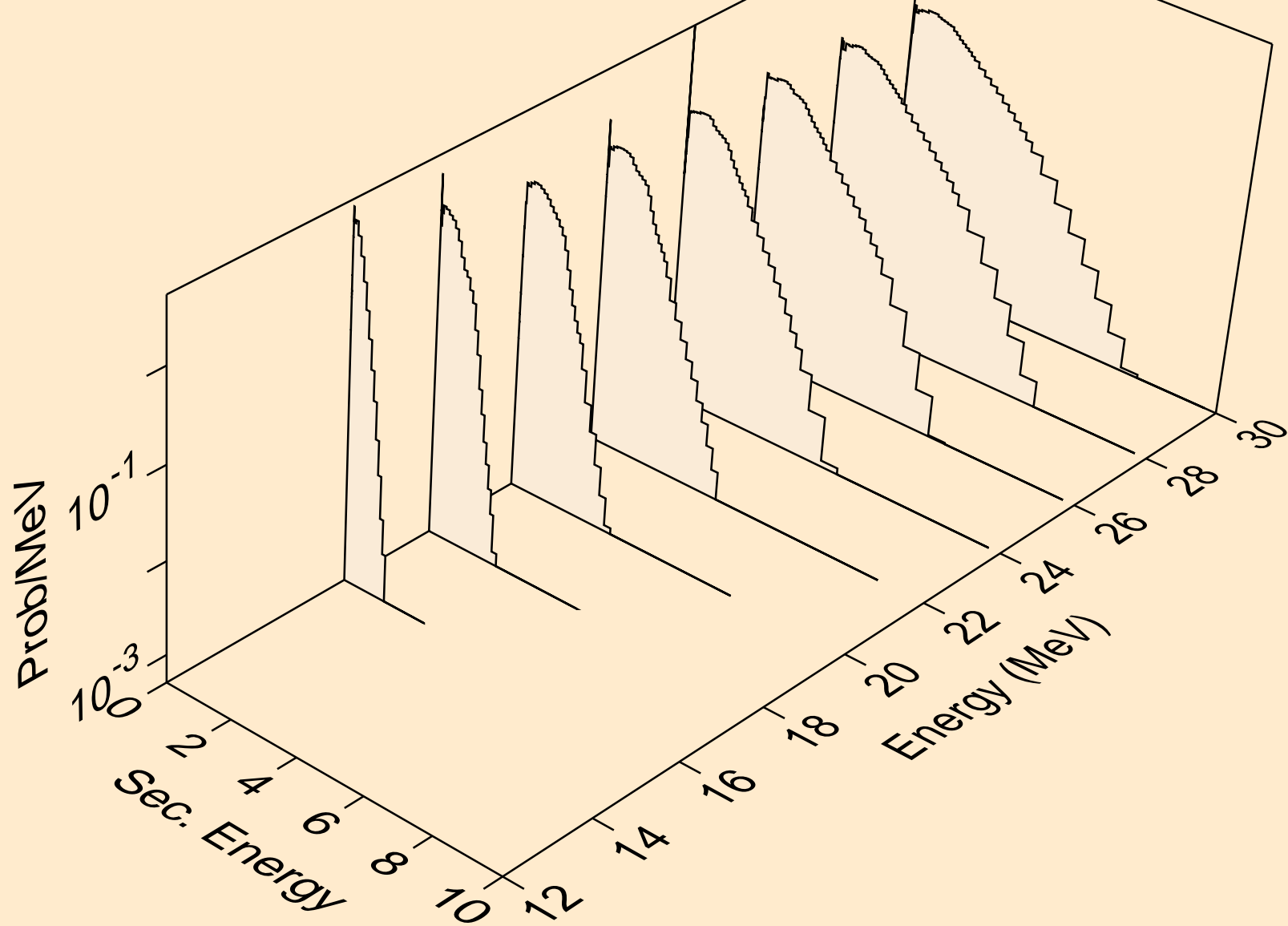
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



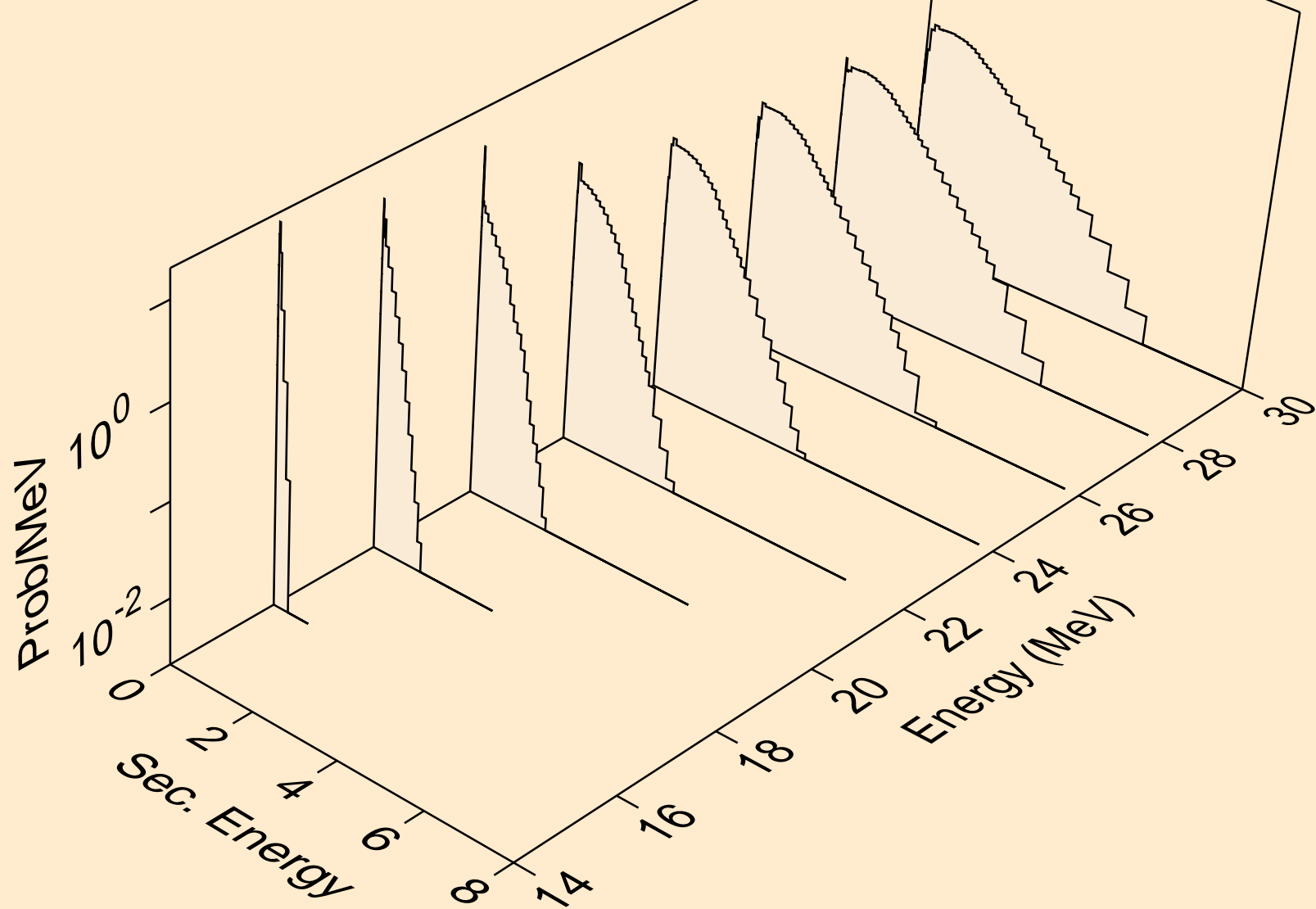
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



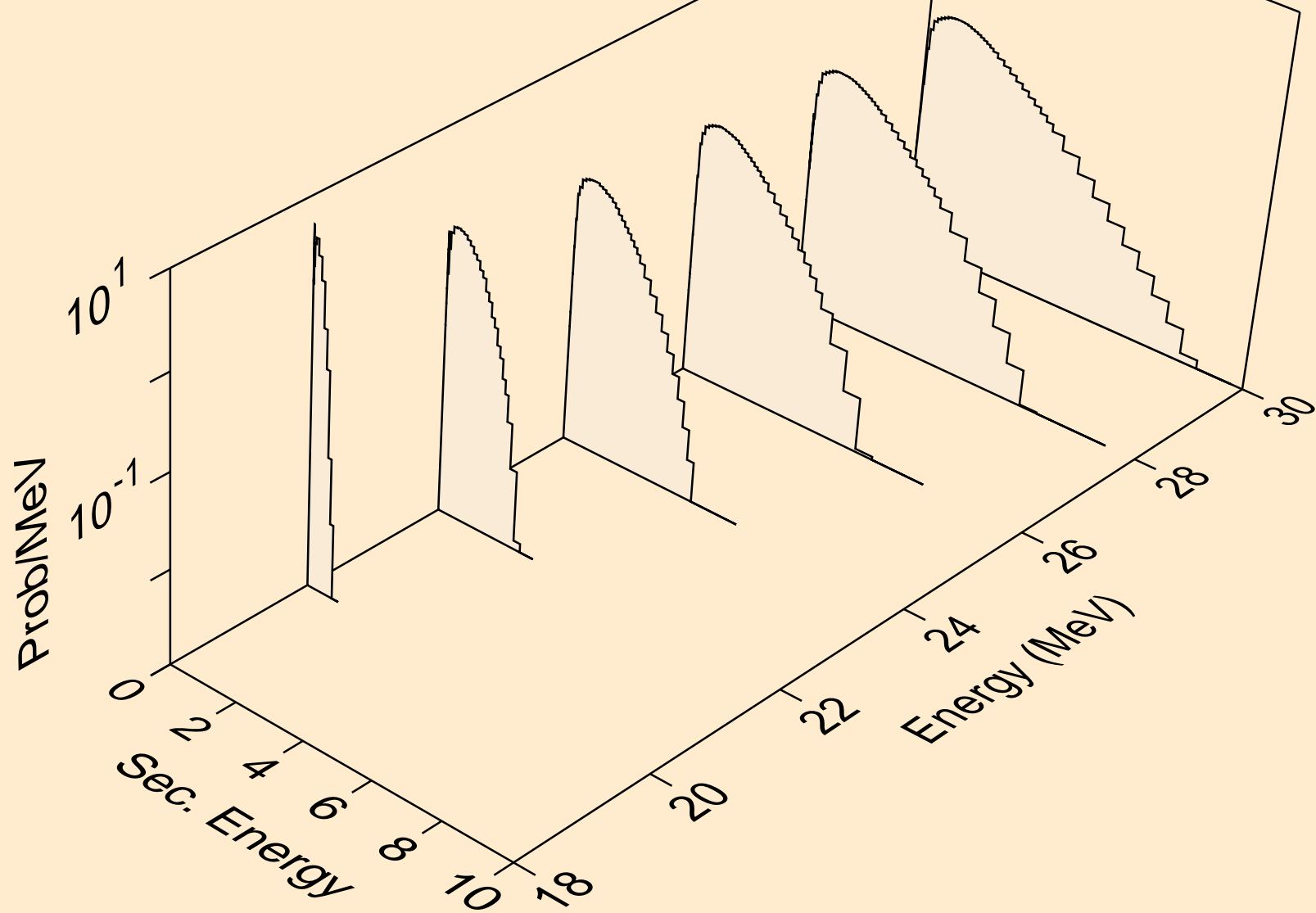
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



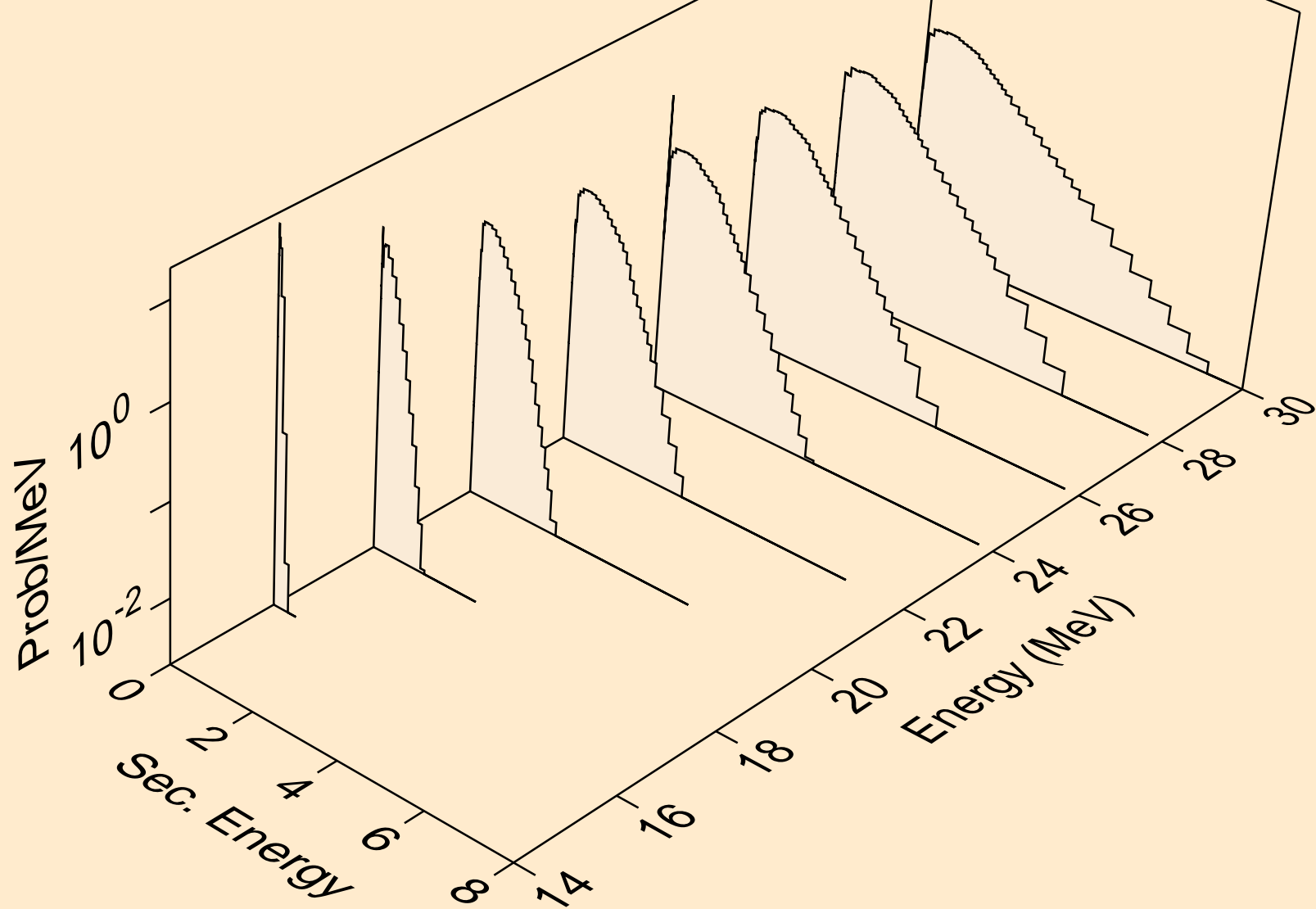
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



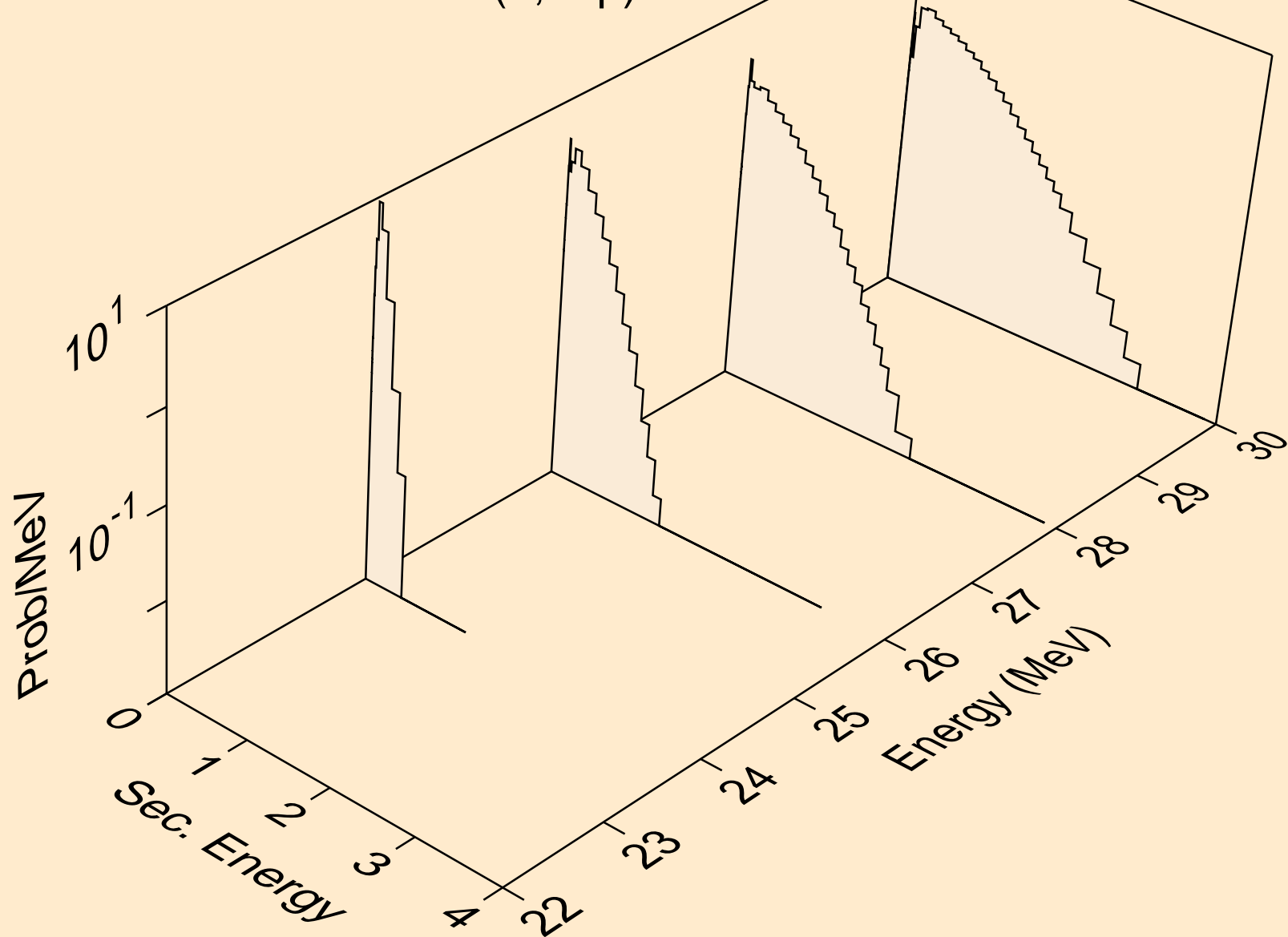
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

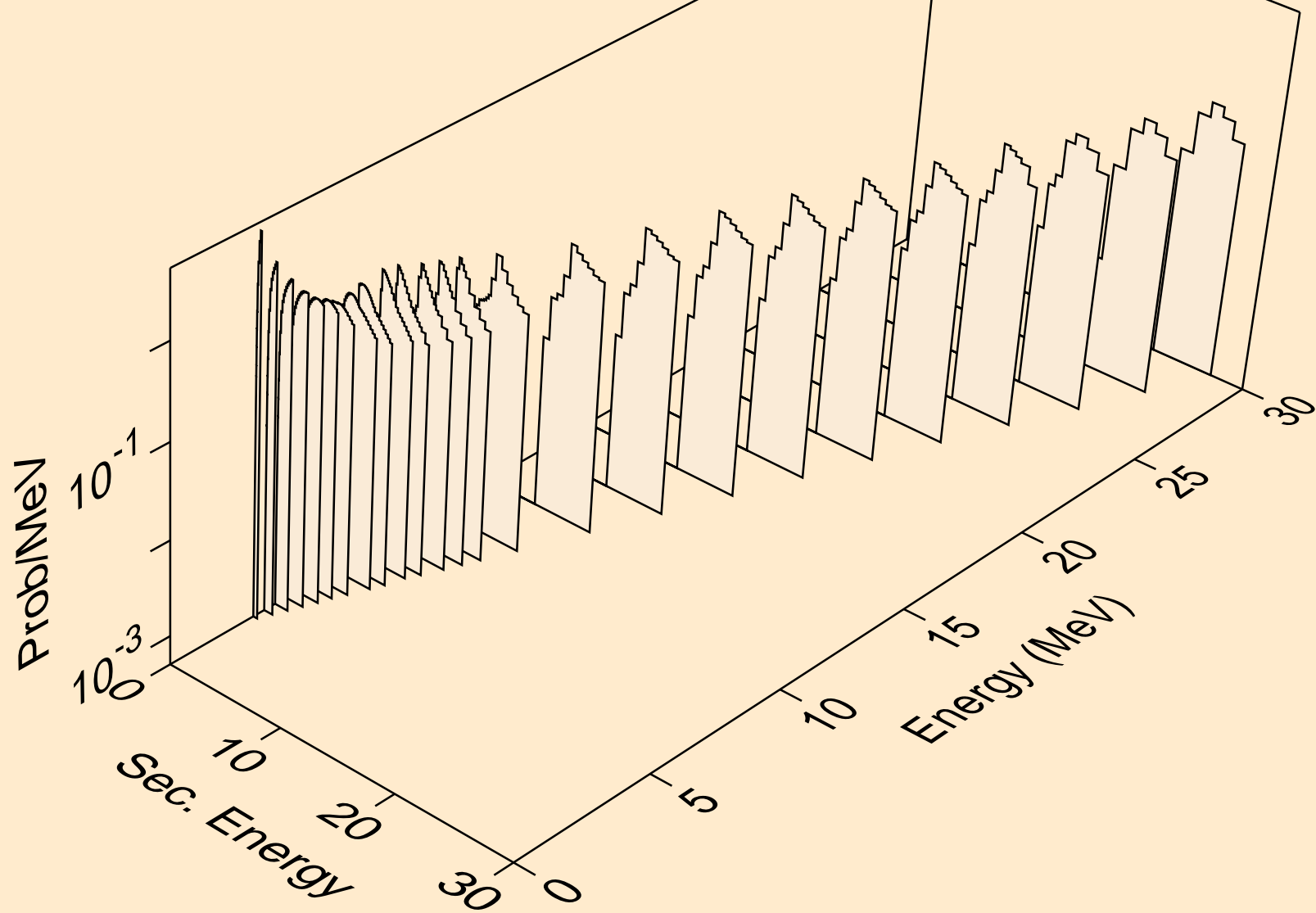


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

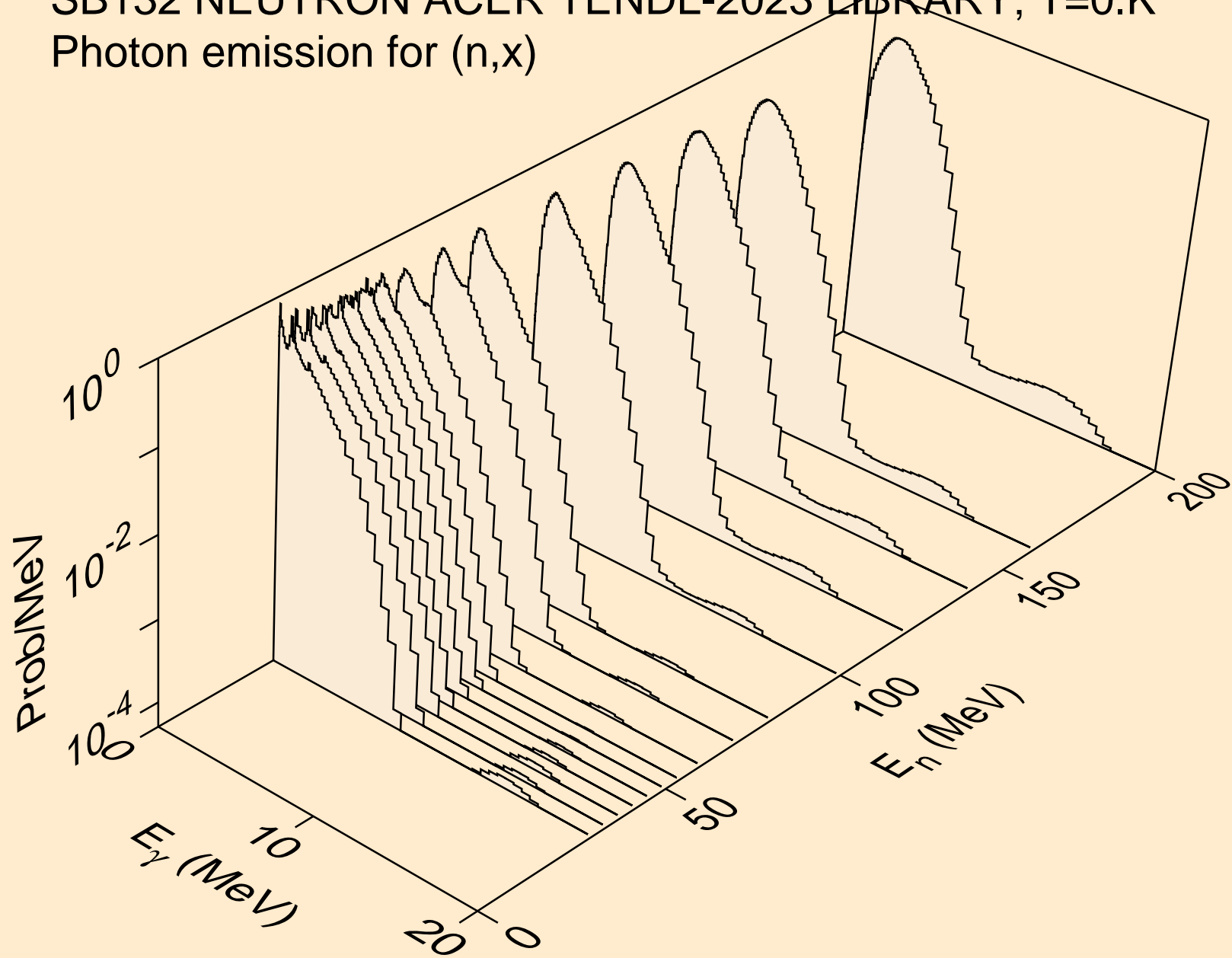




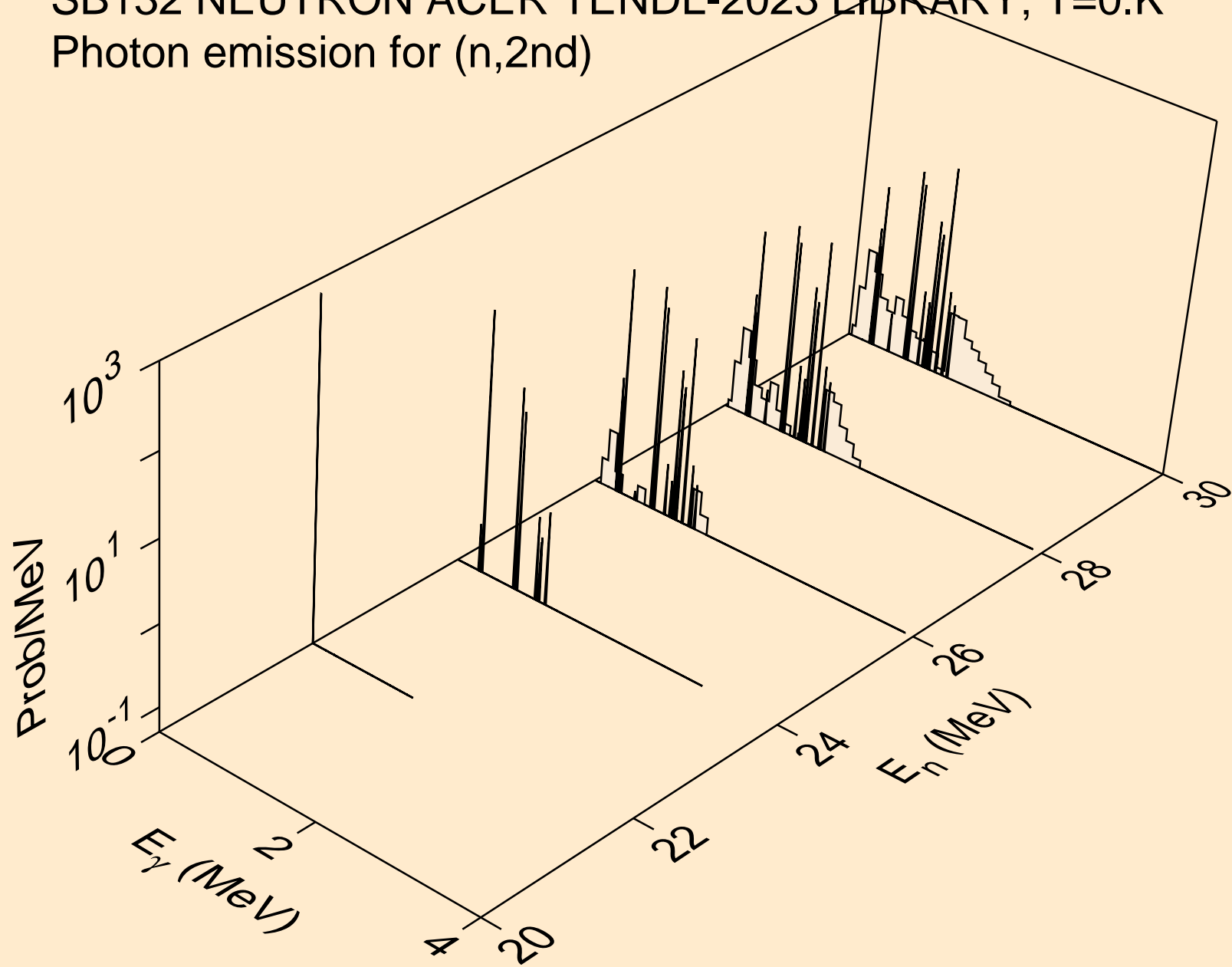
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



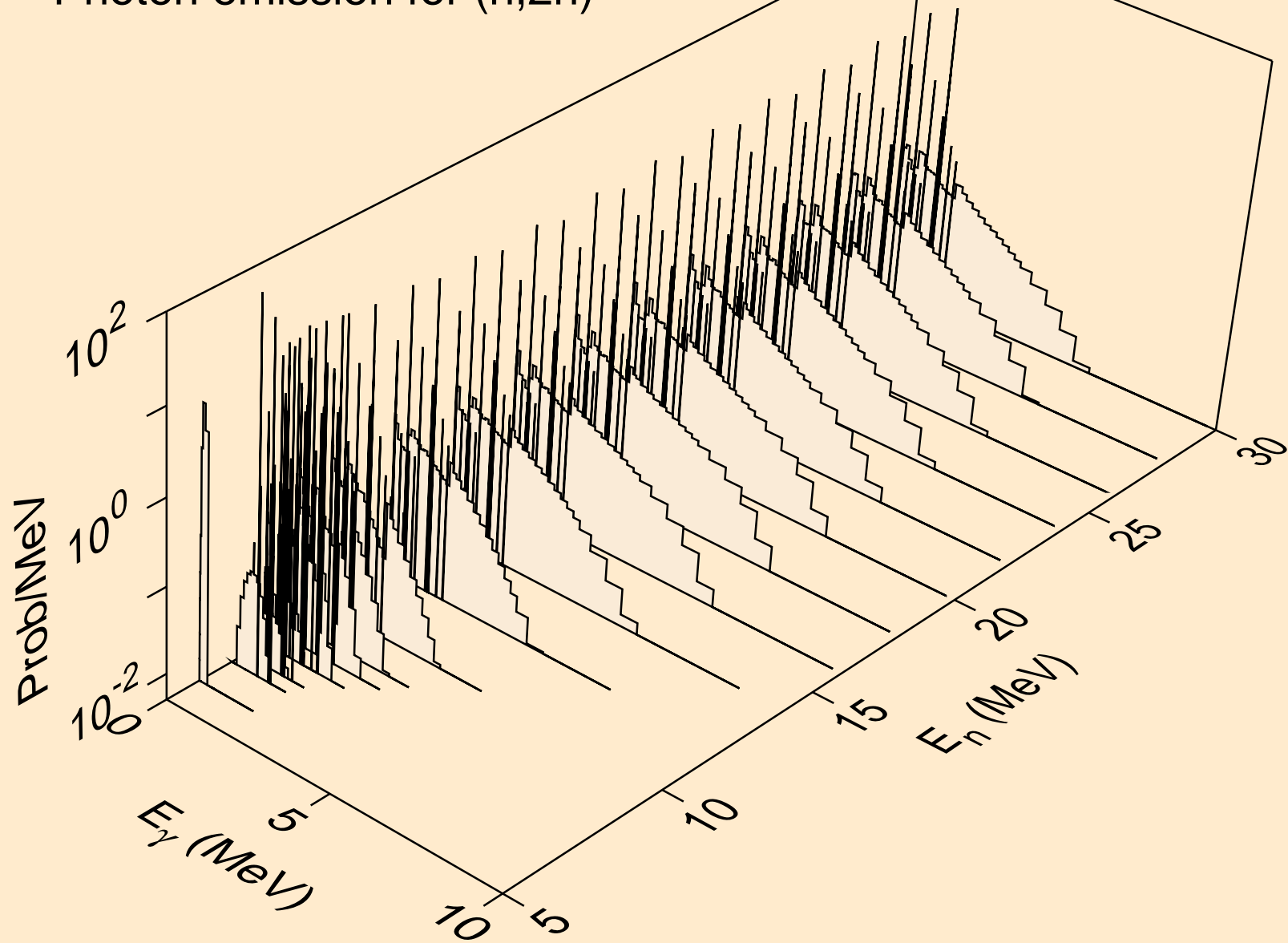
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



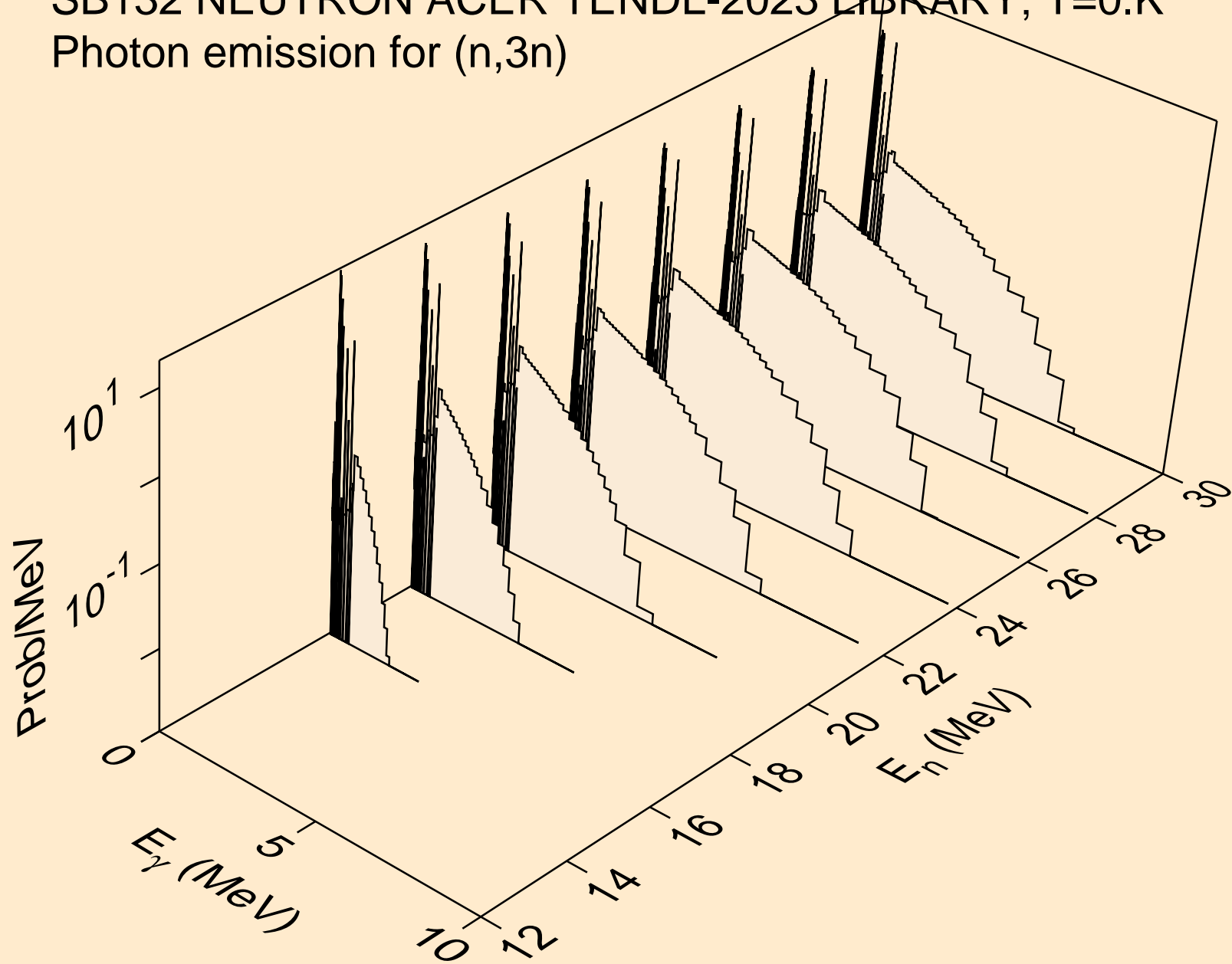
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



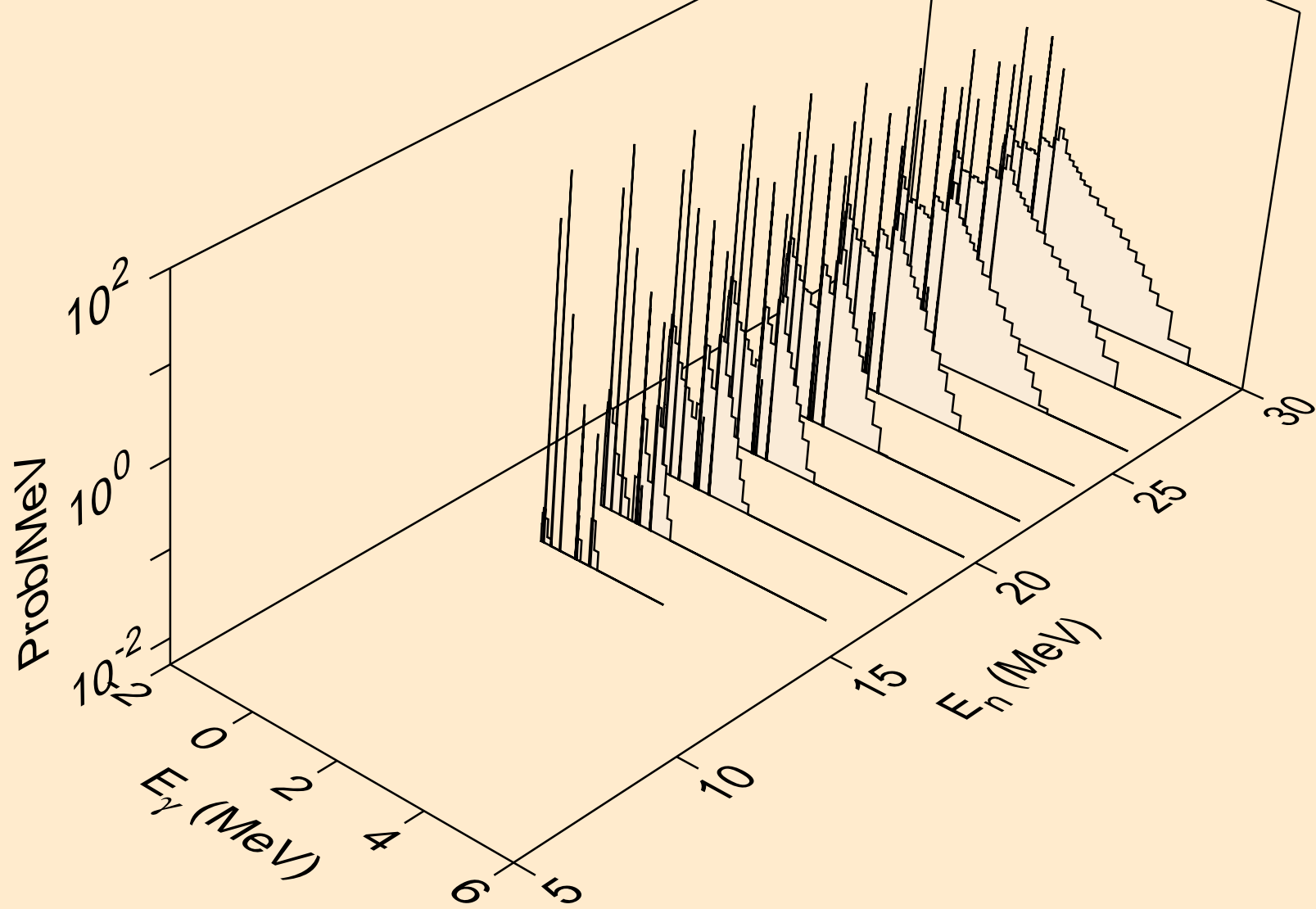
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



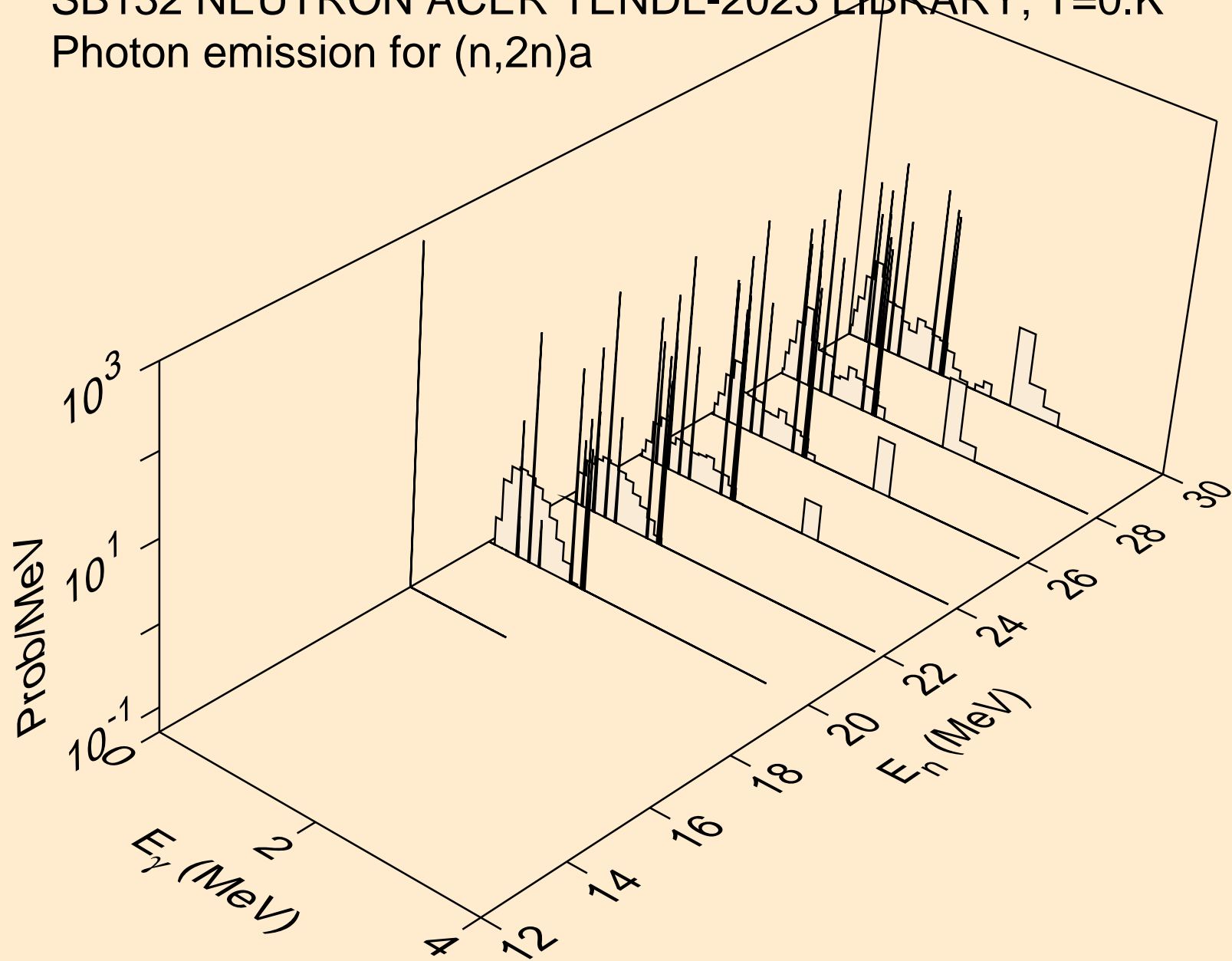
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



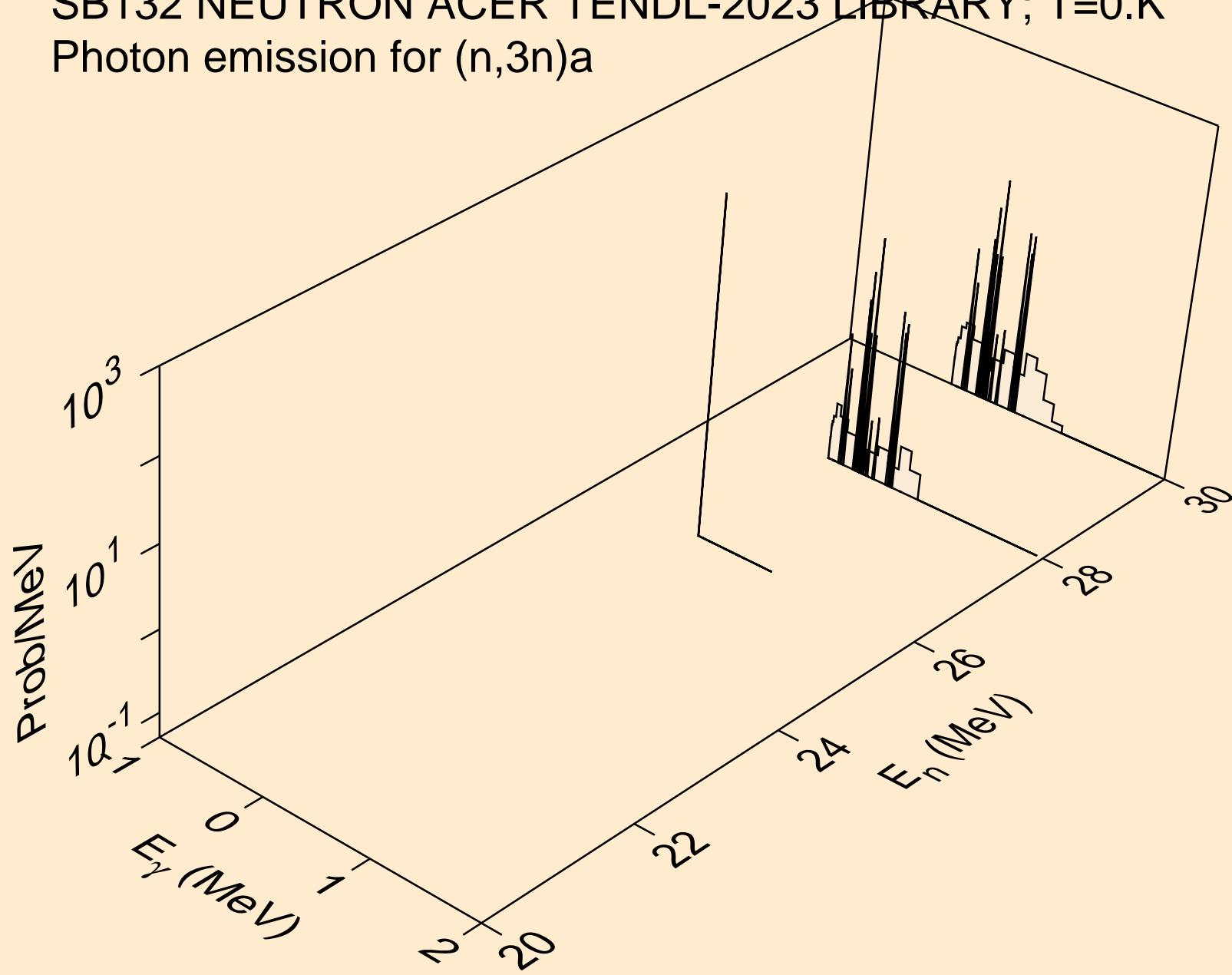
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

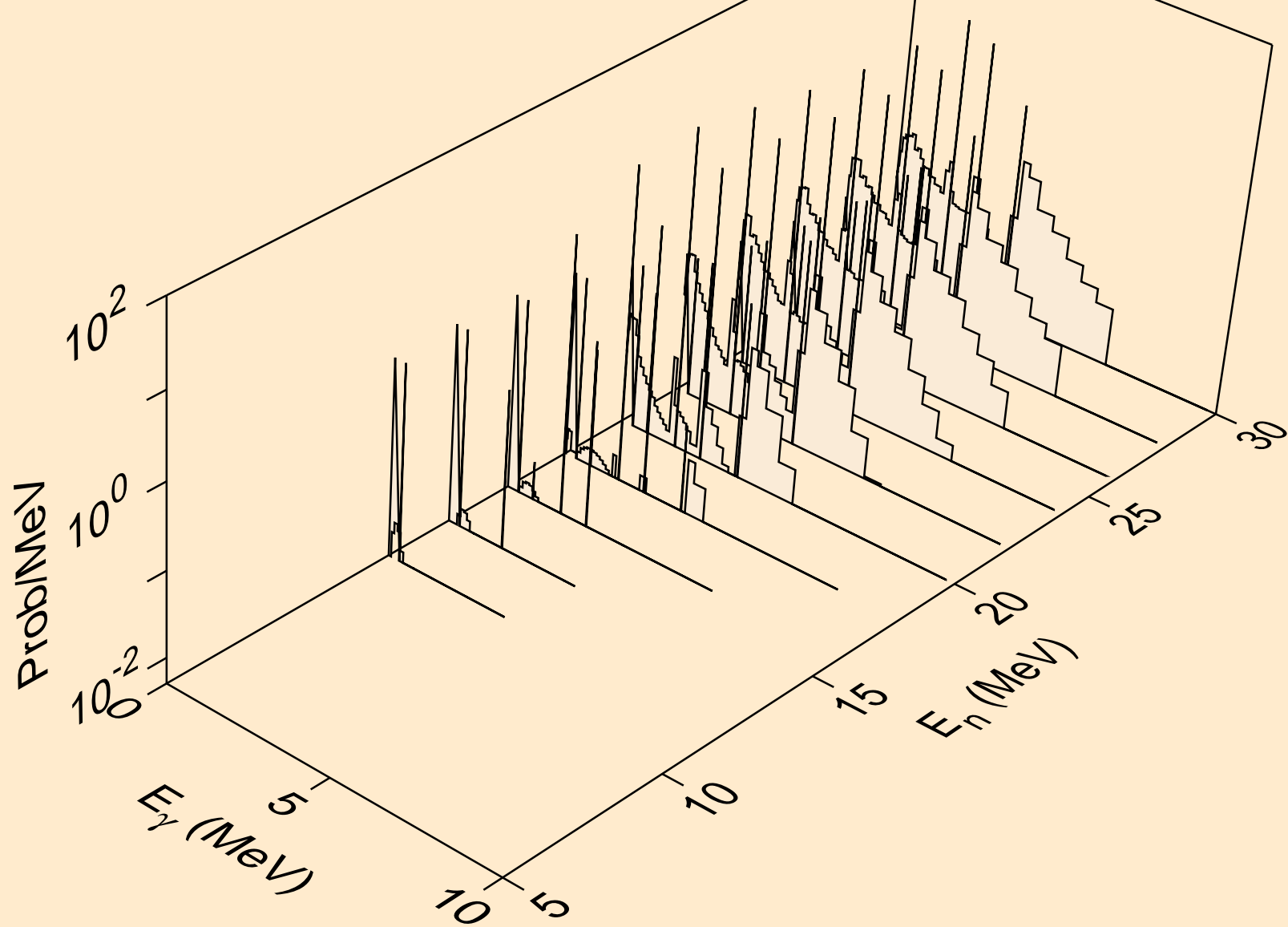


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

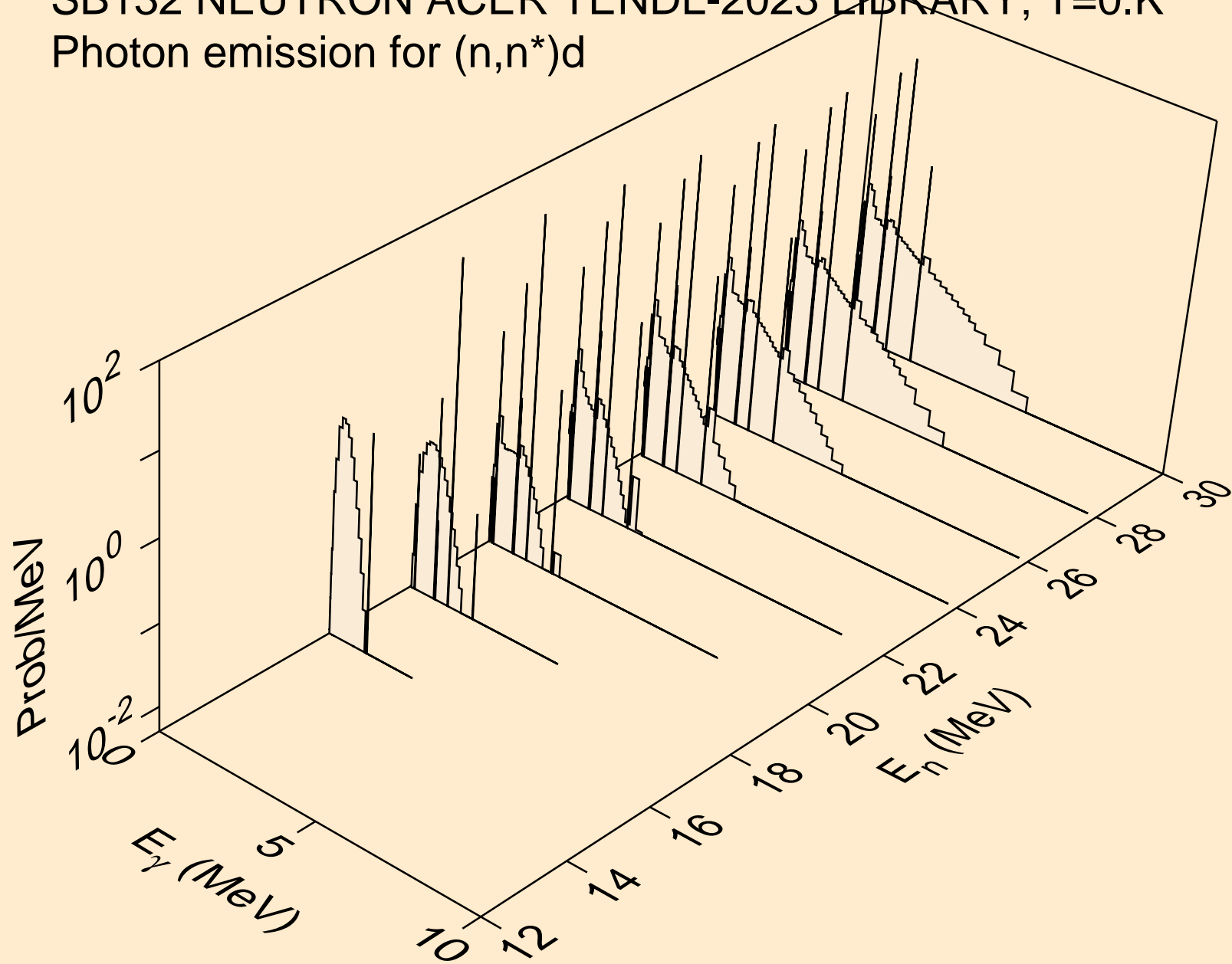




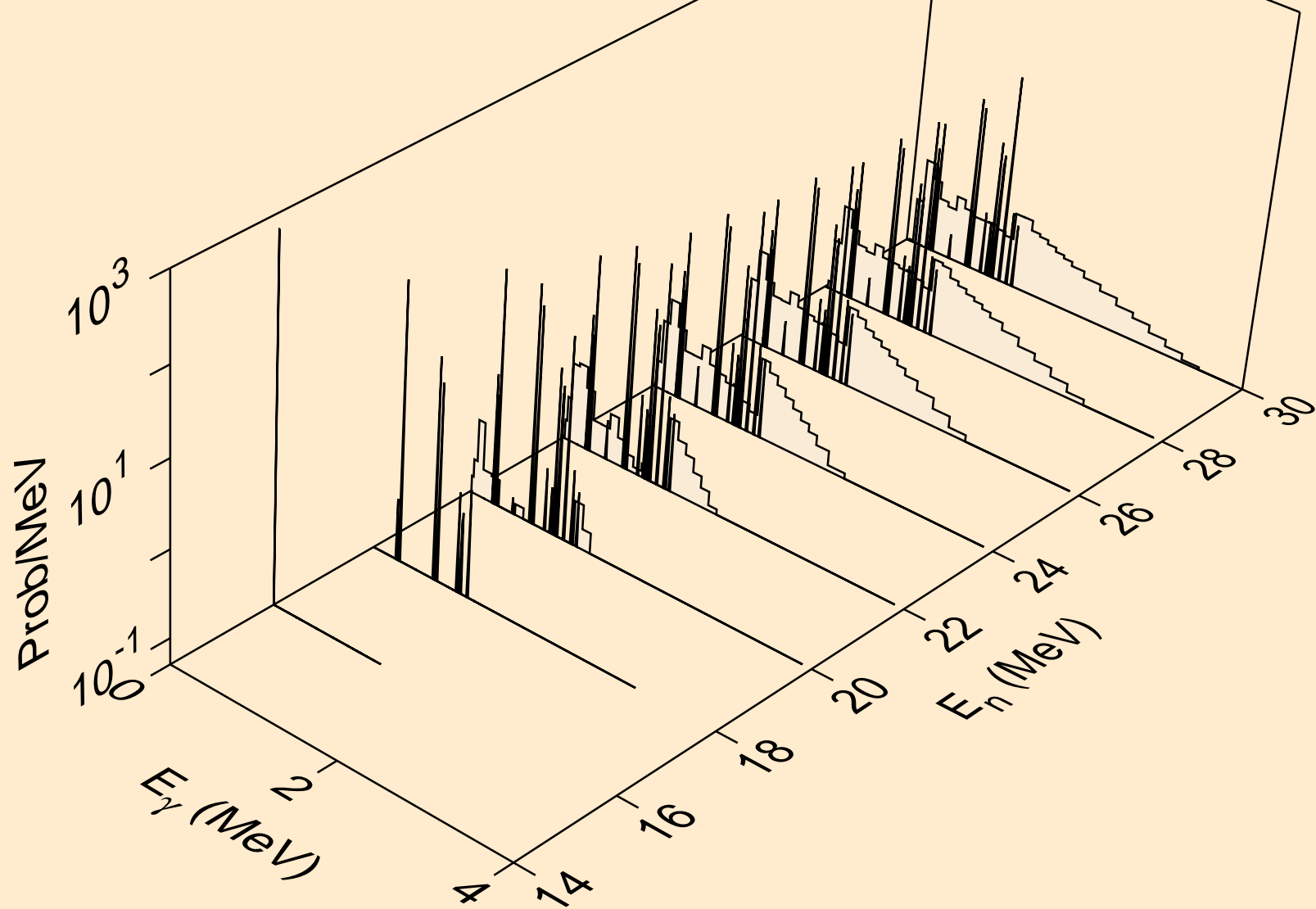
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



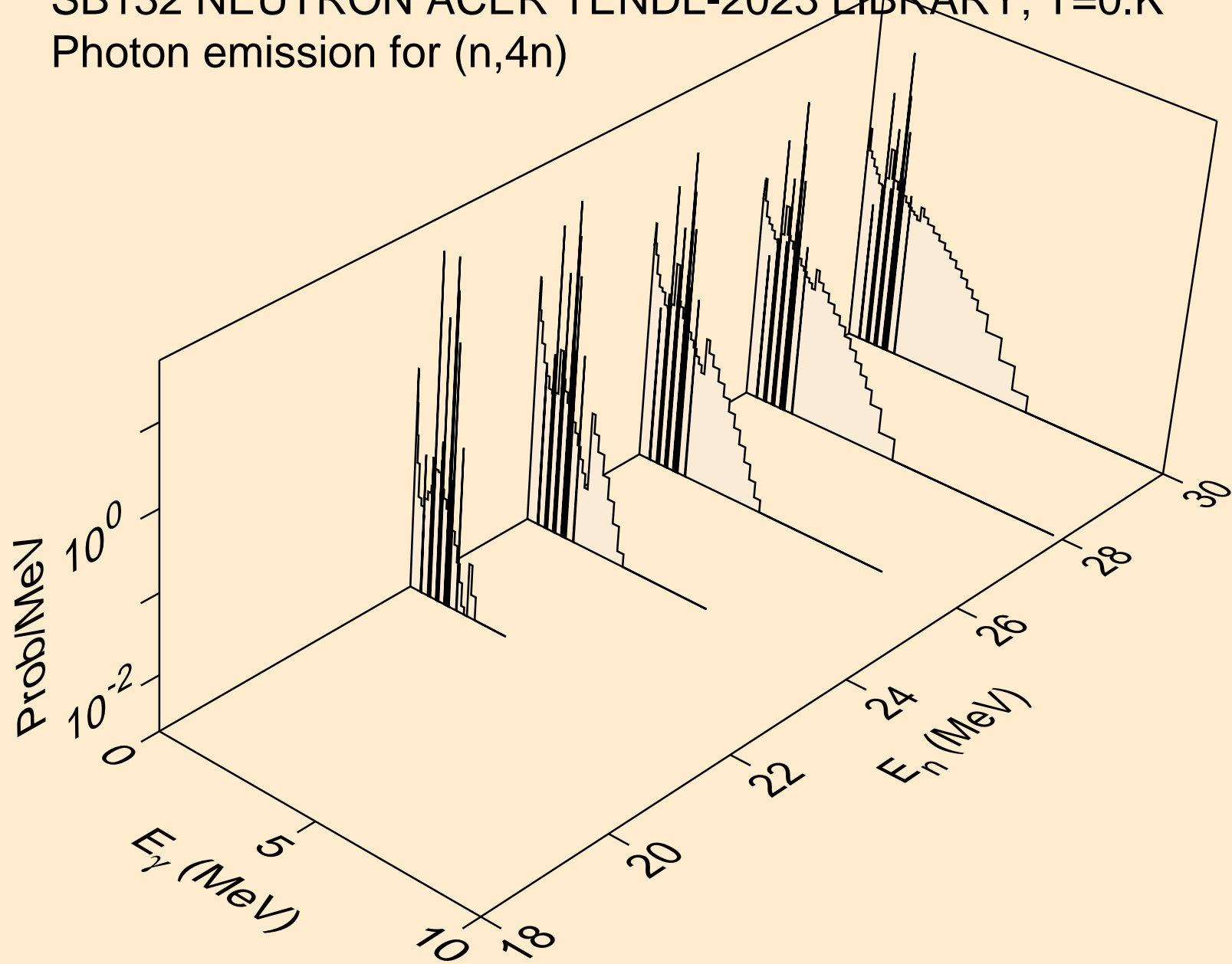
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



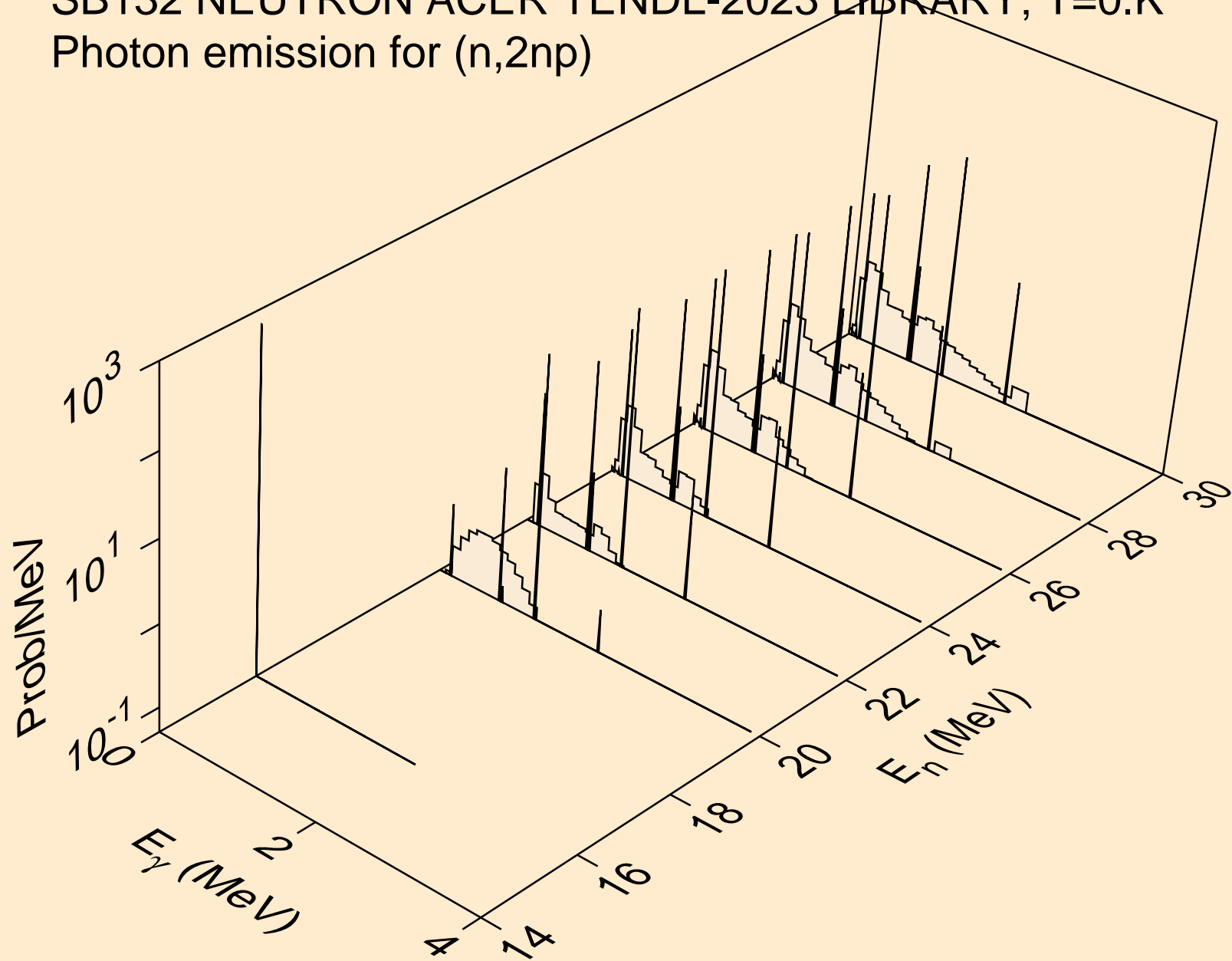
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



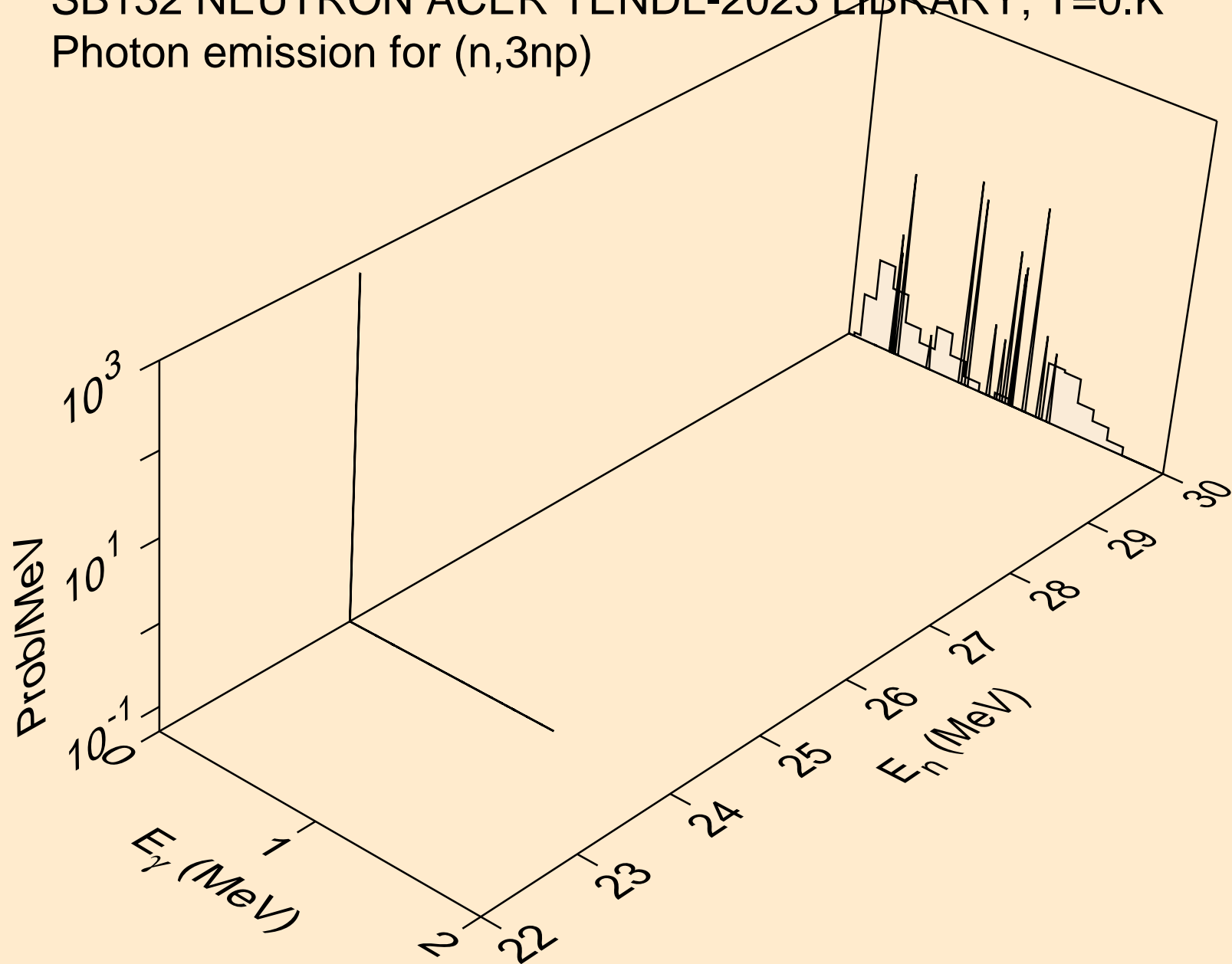
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



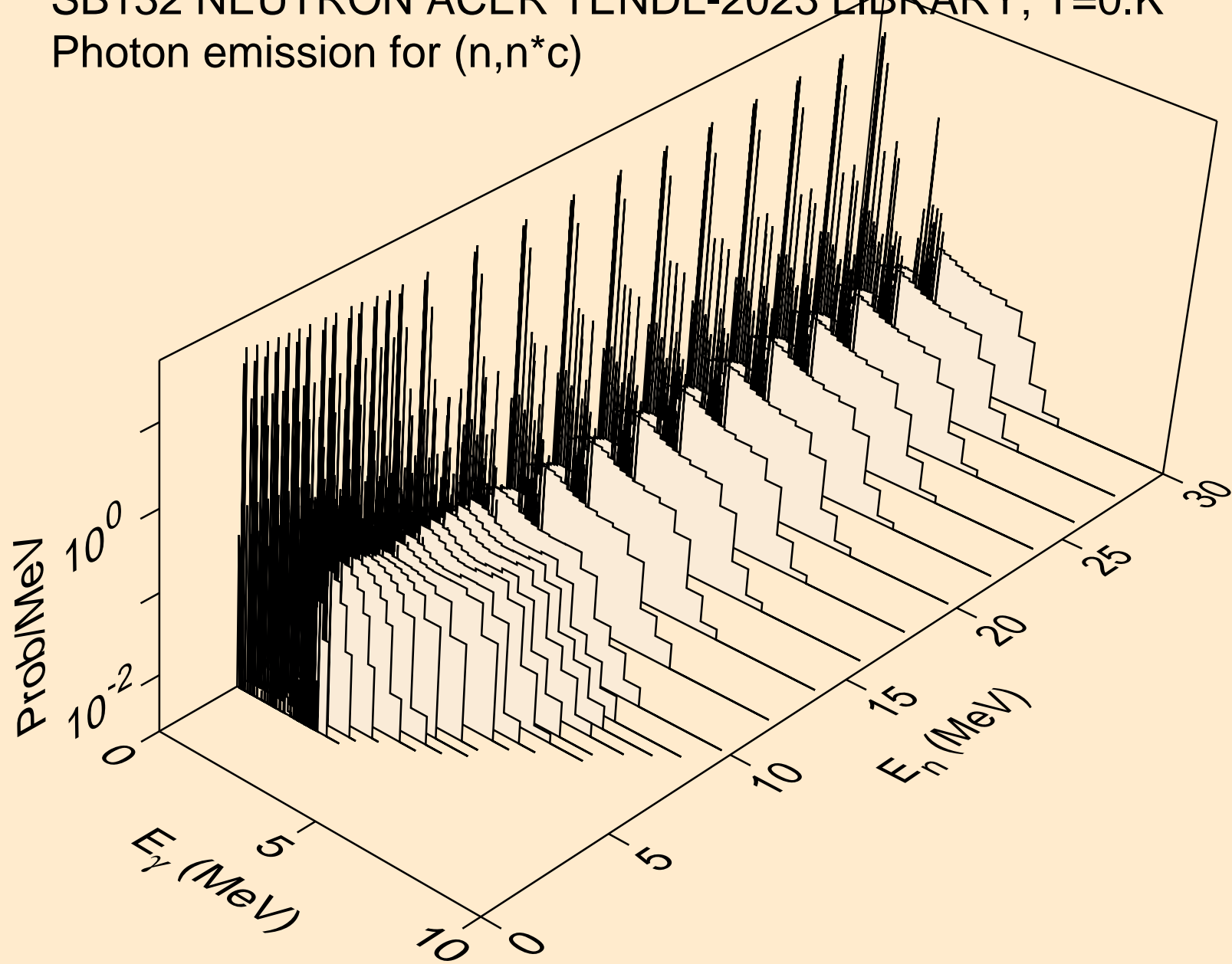
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



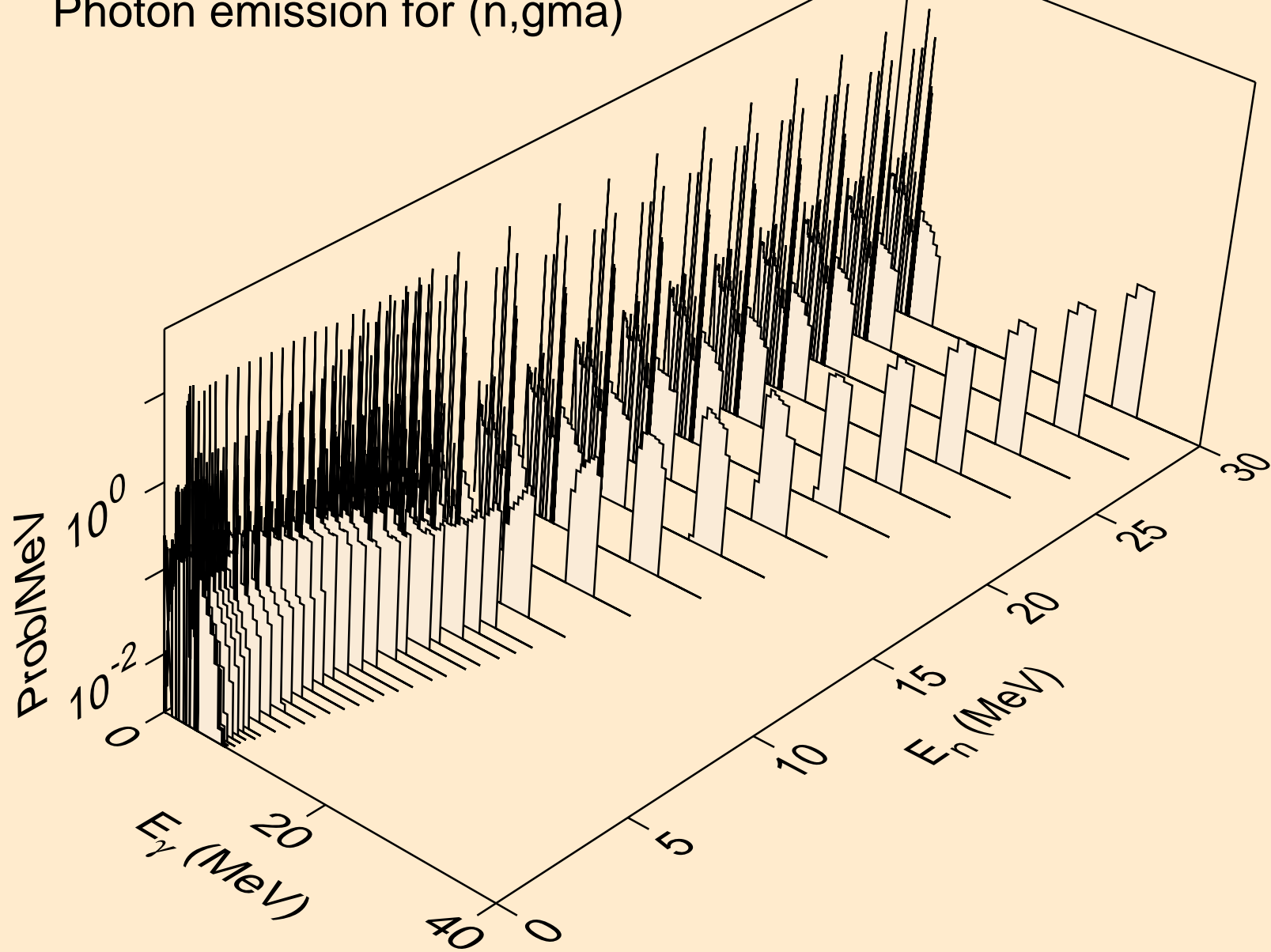
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

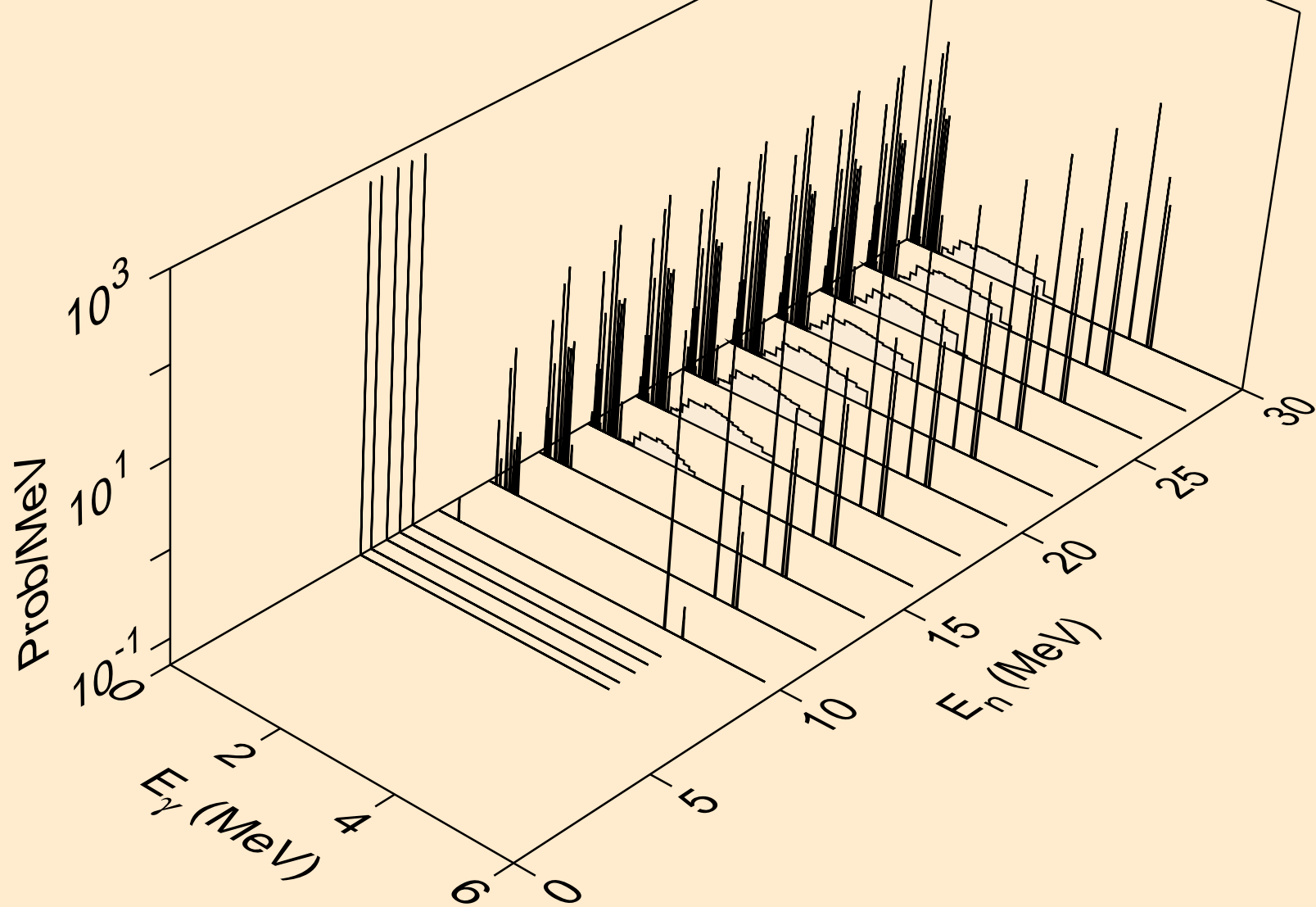


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

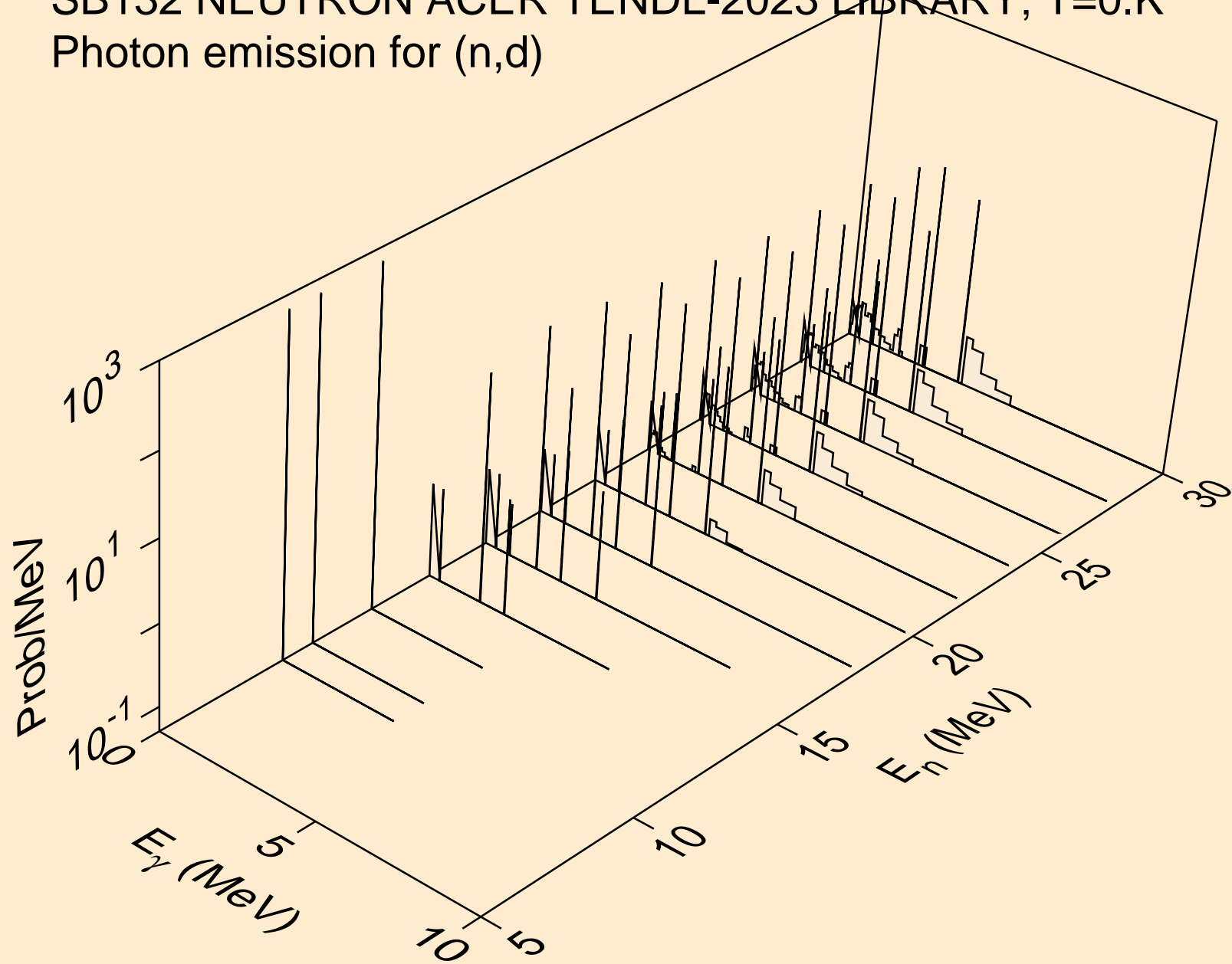




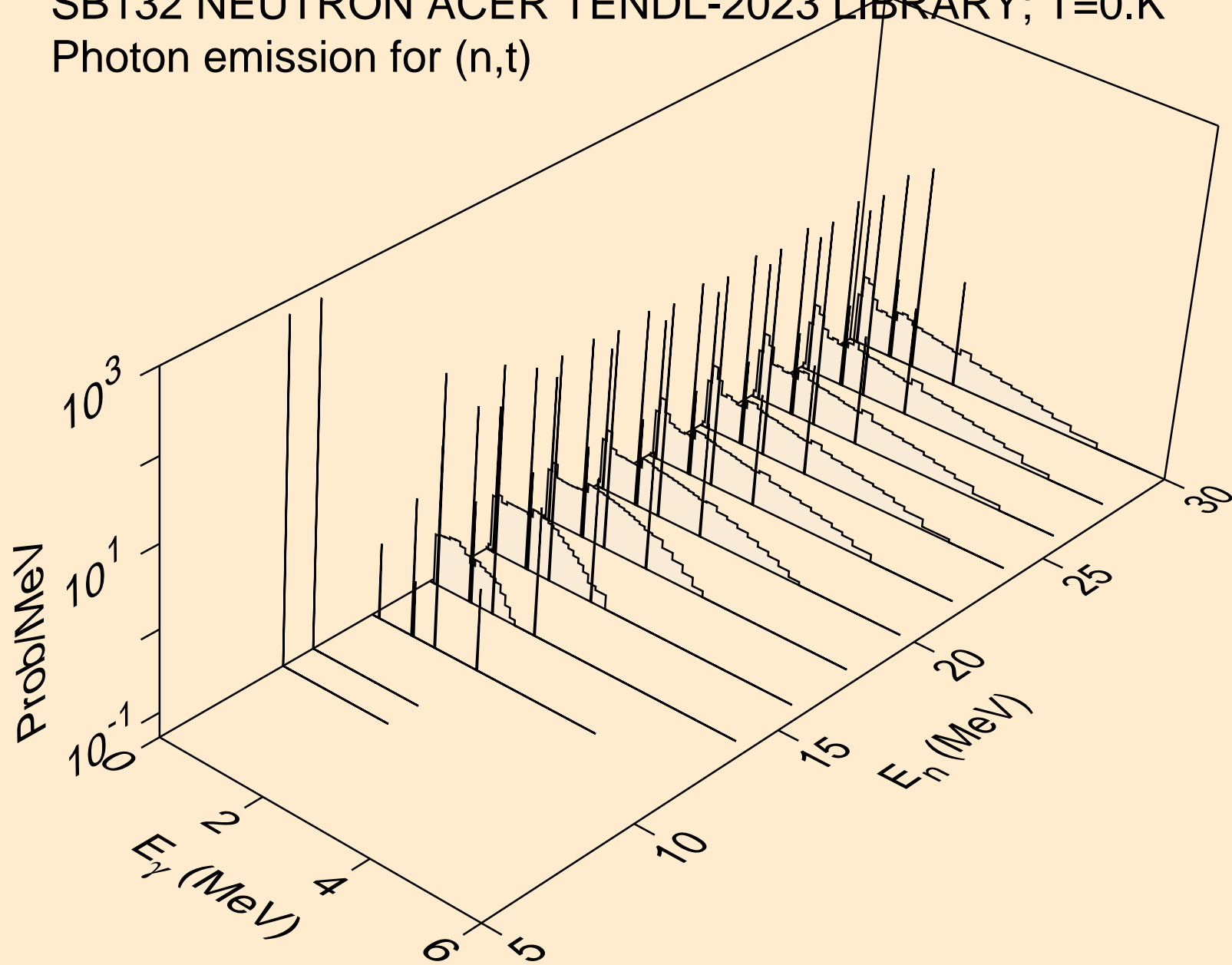
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



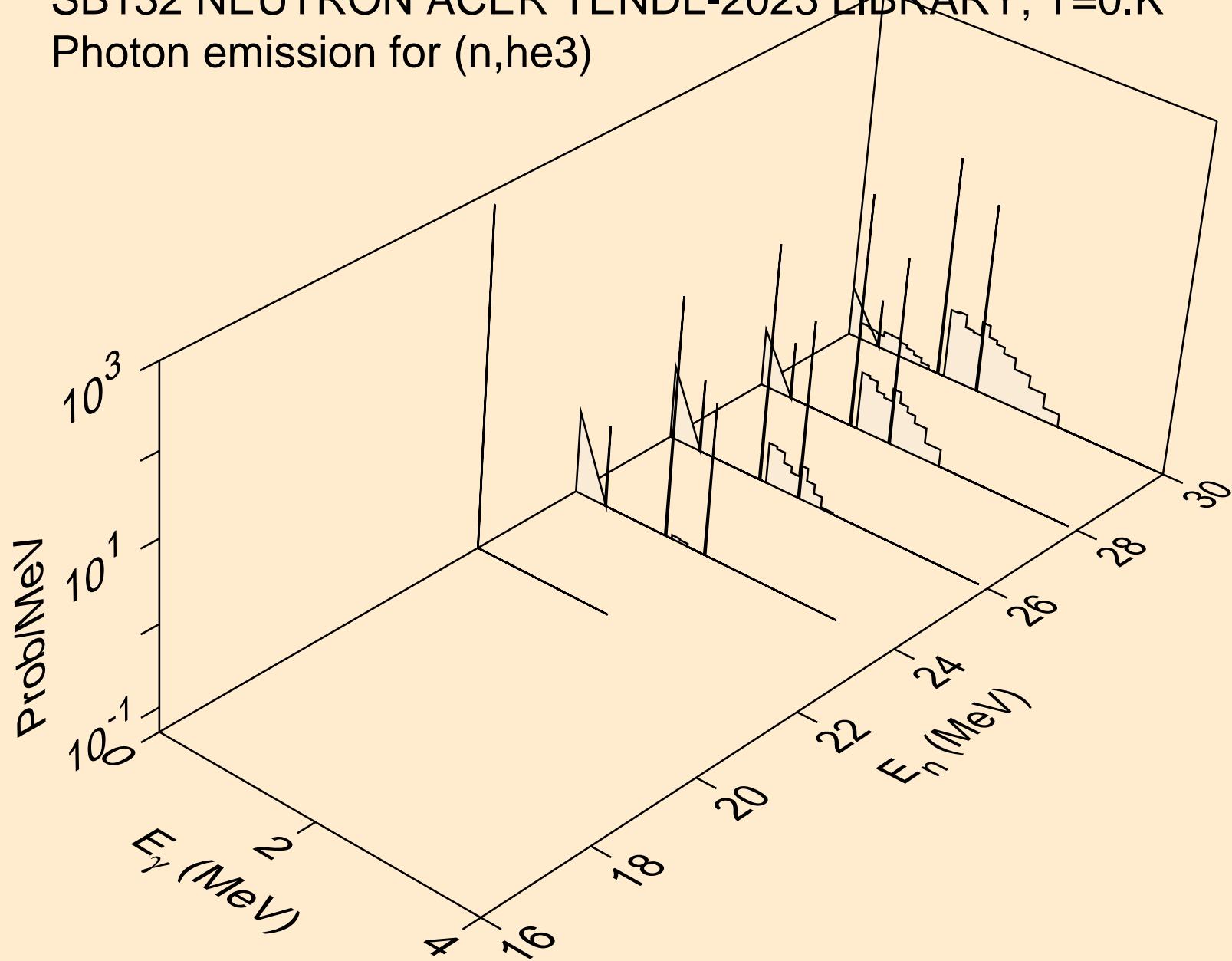
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



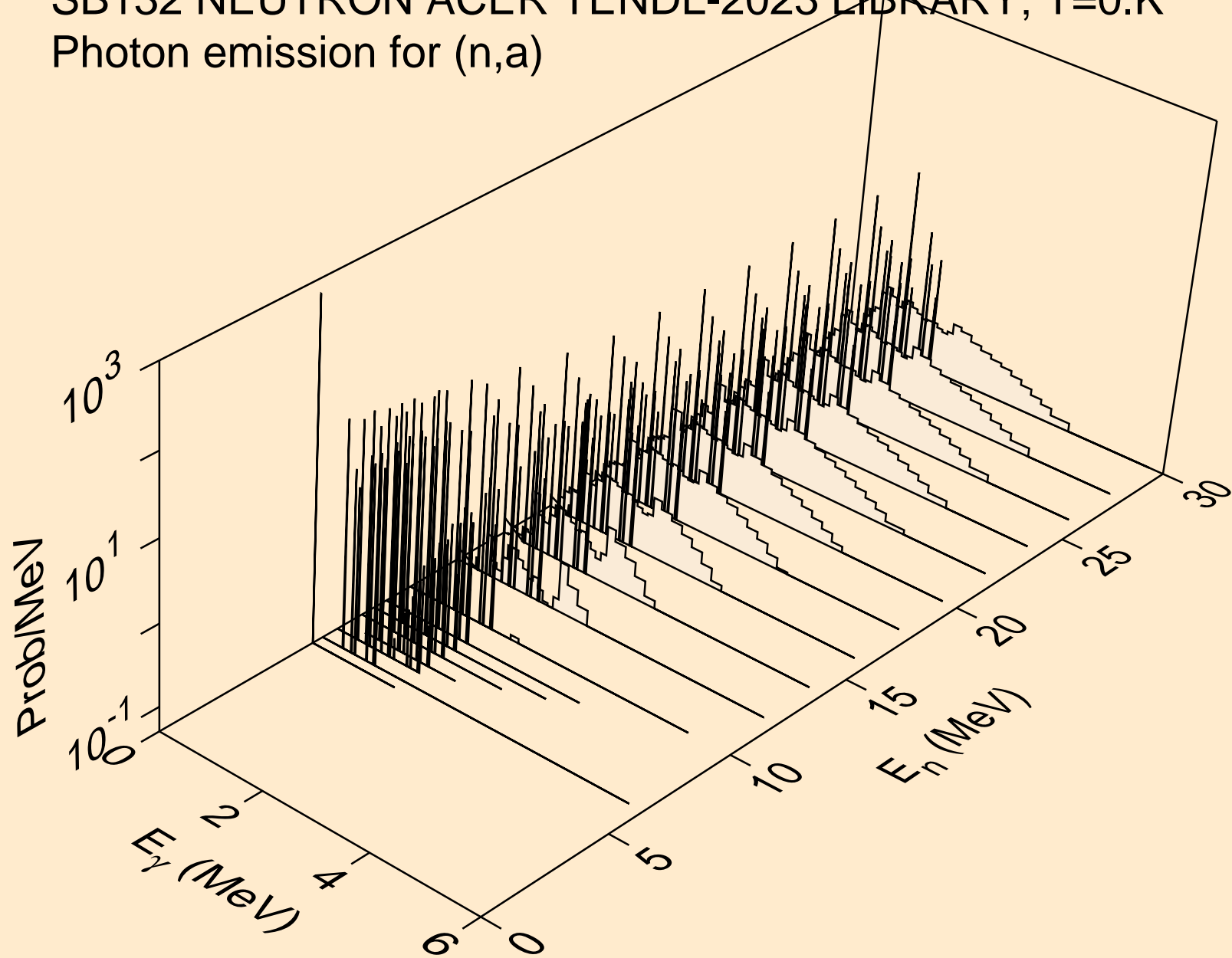
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



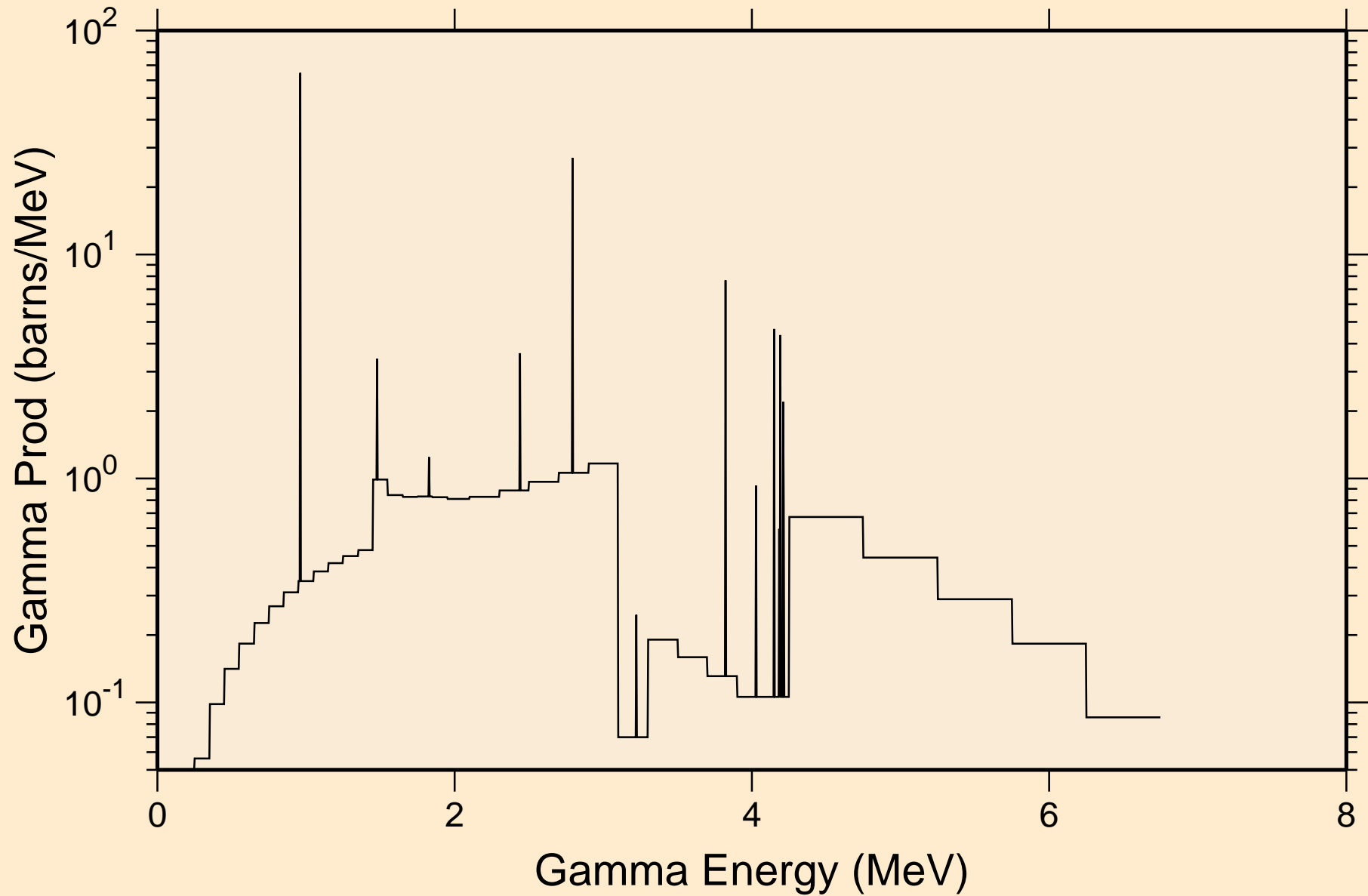
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



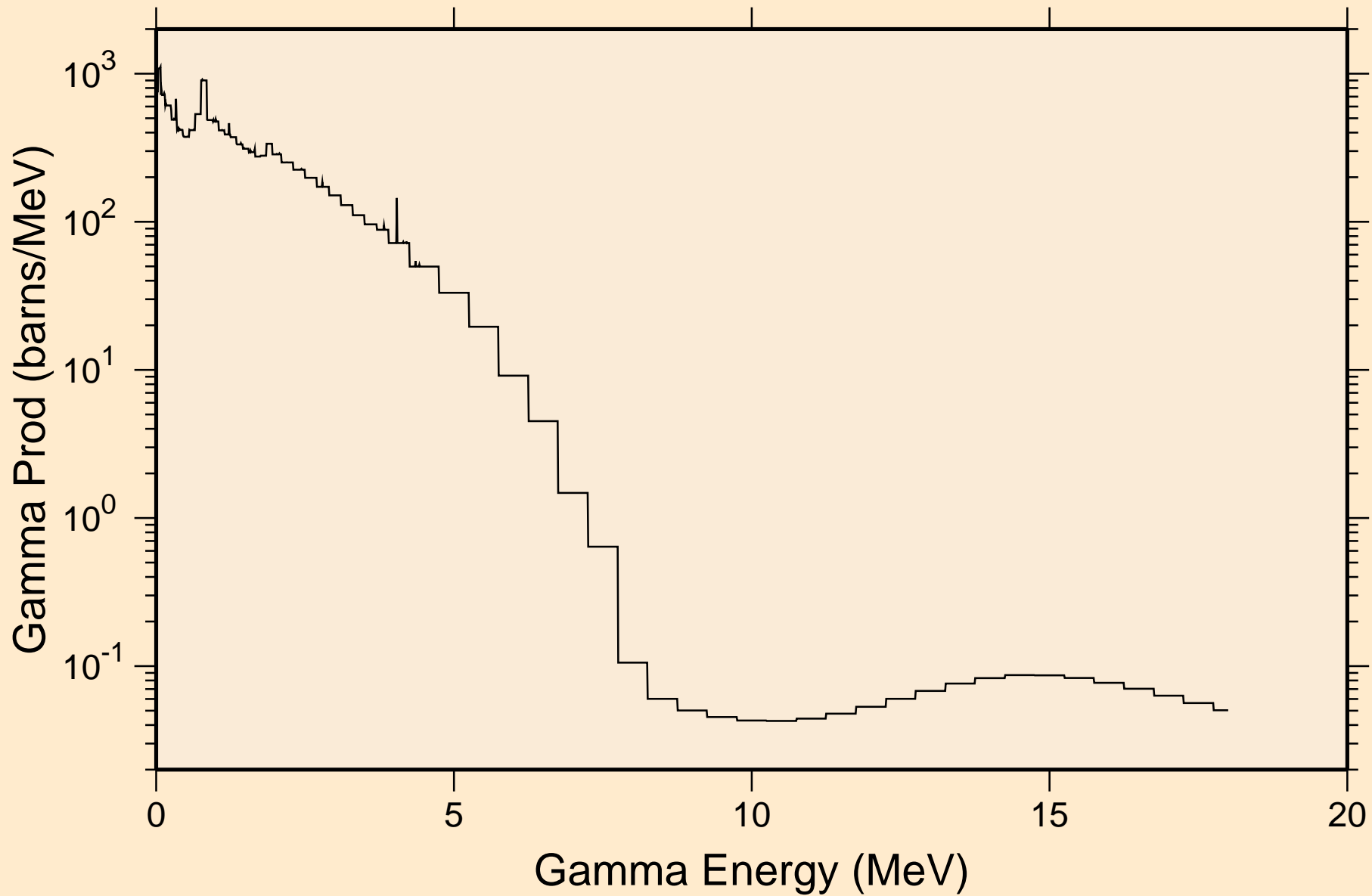
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

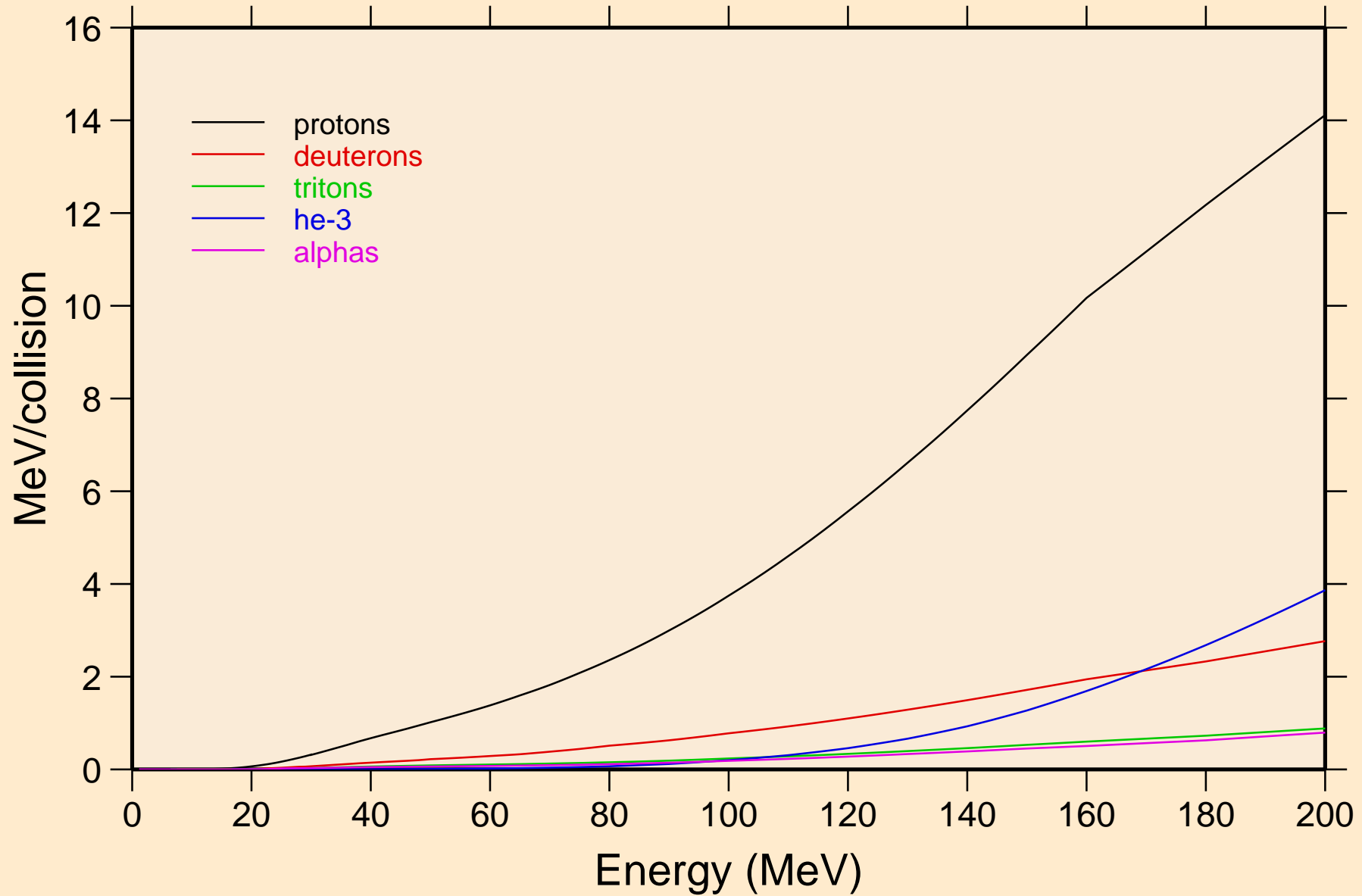


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

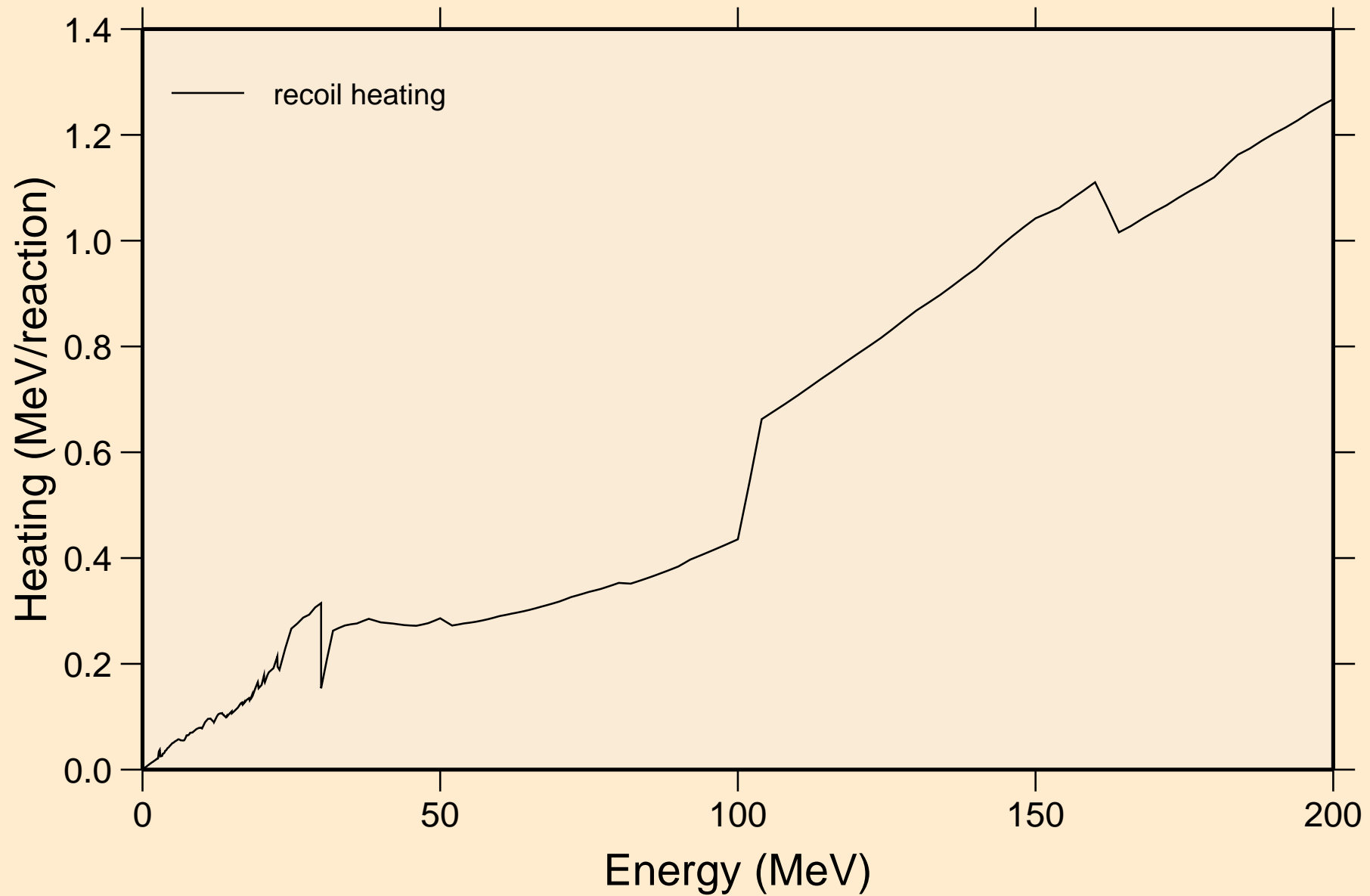
## Particle heating contributions





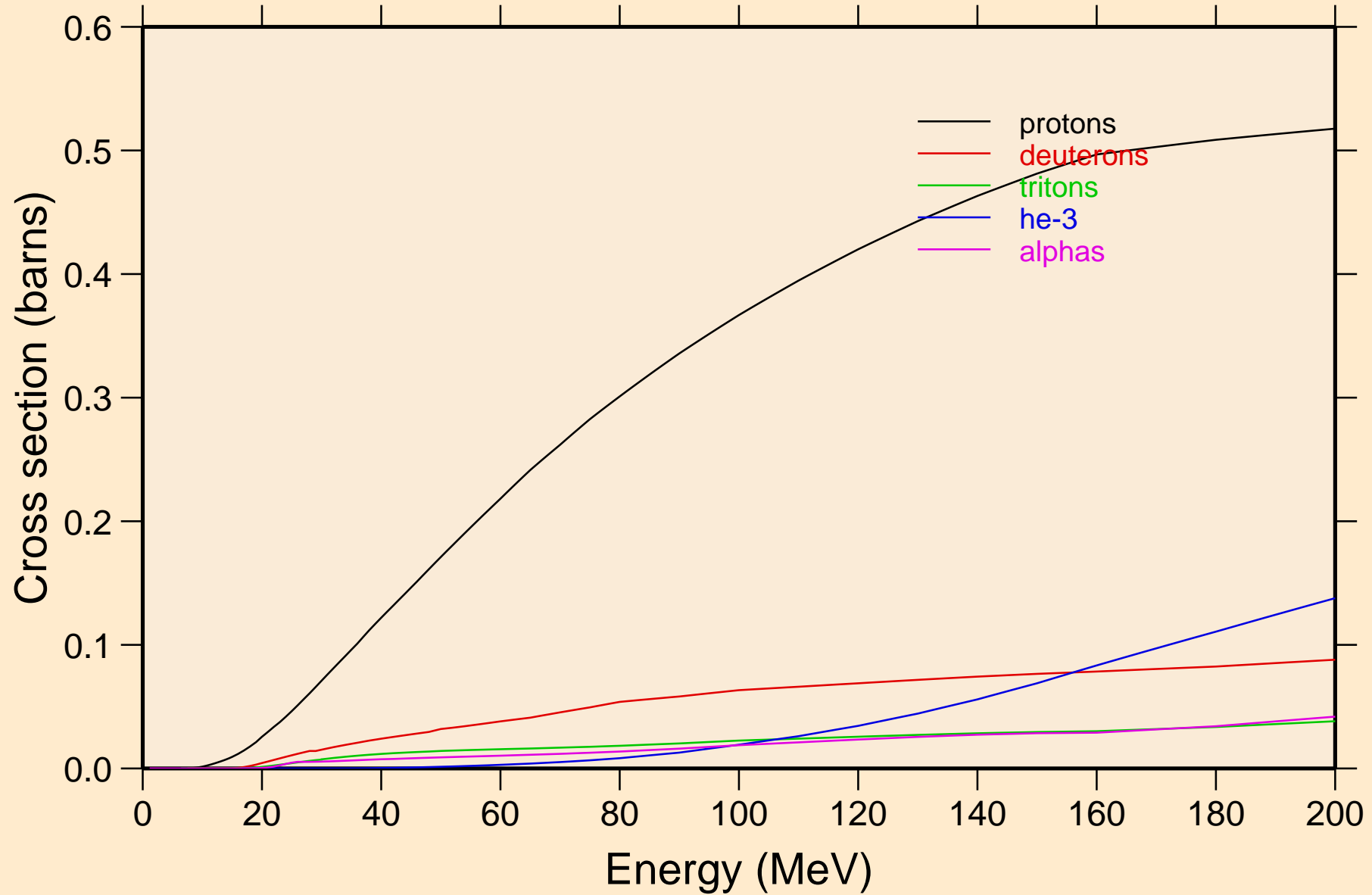
# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

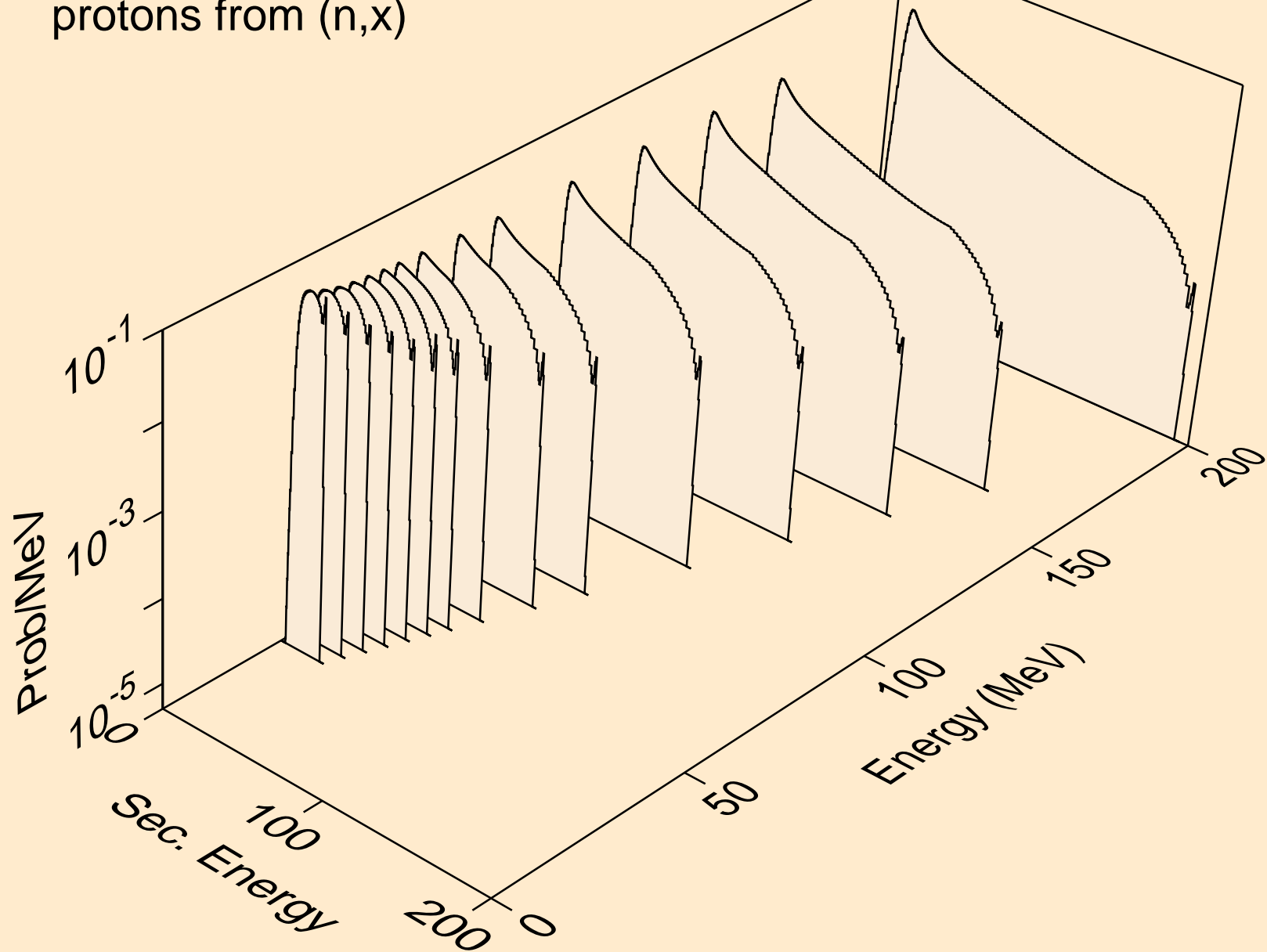


# SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

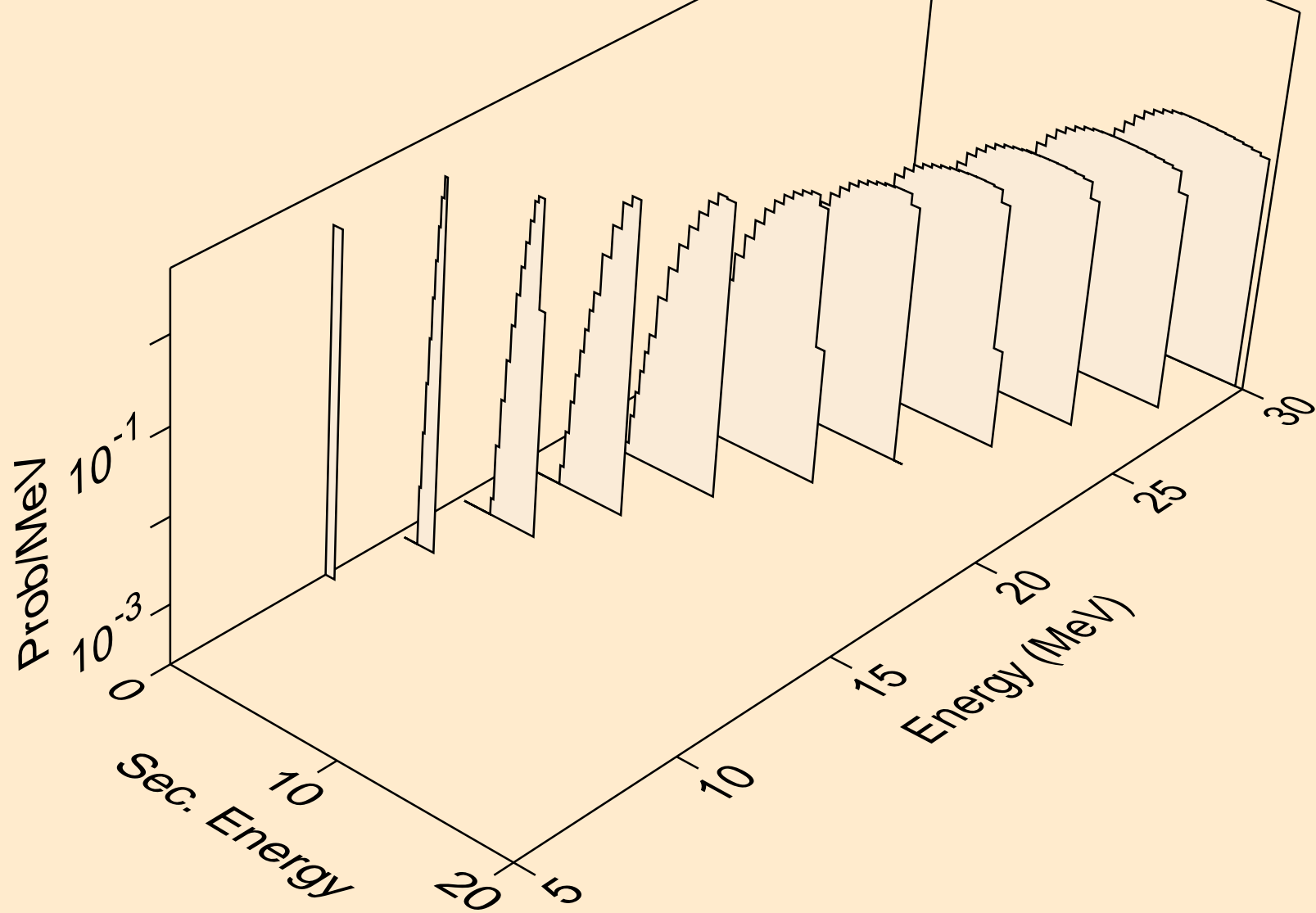
## Particle production cross sections



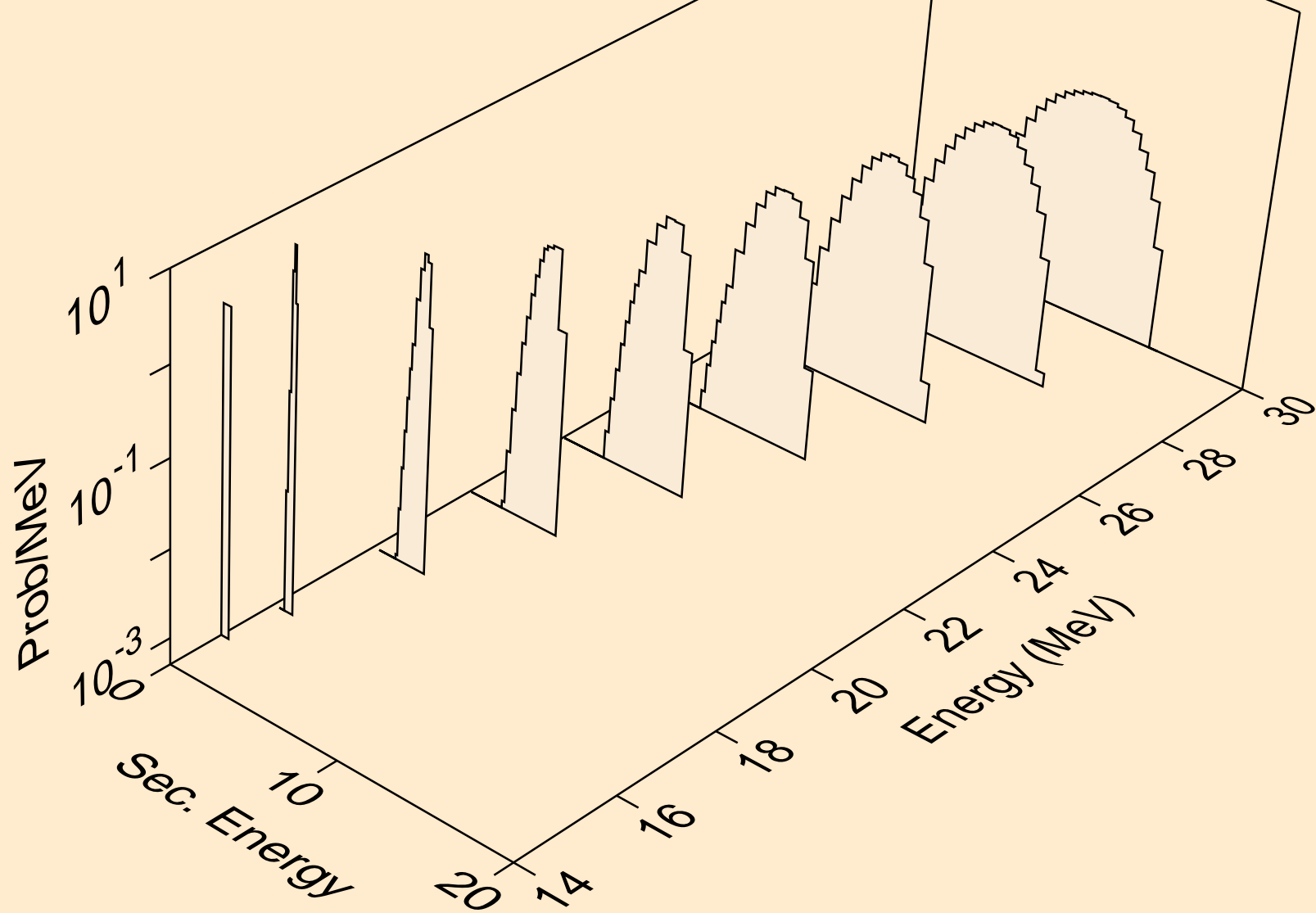
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



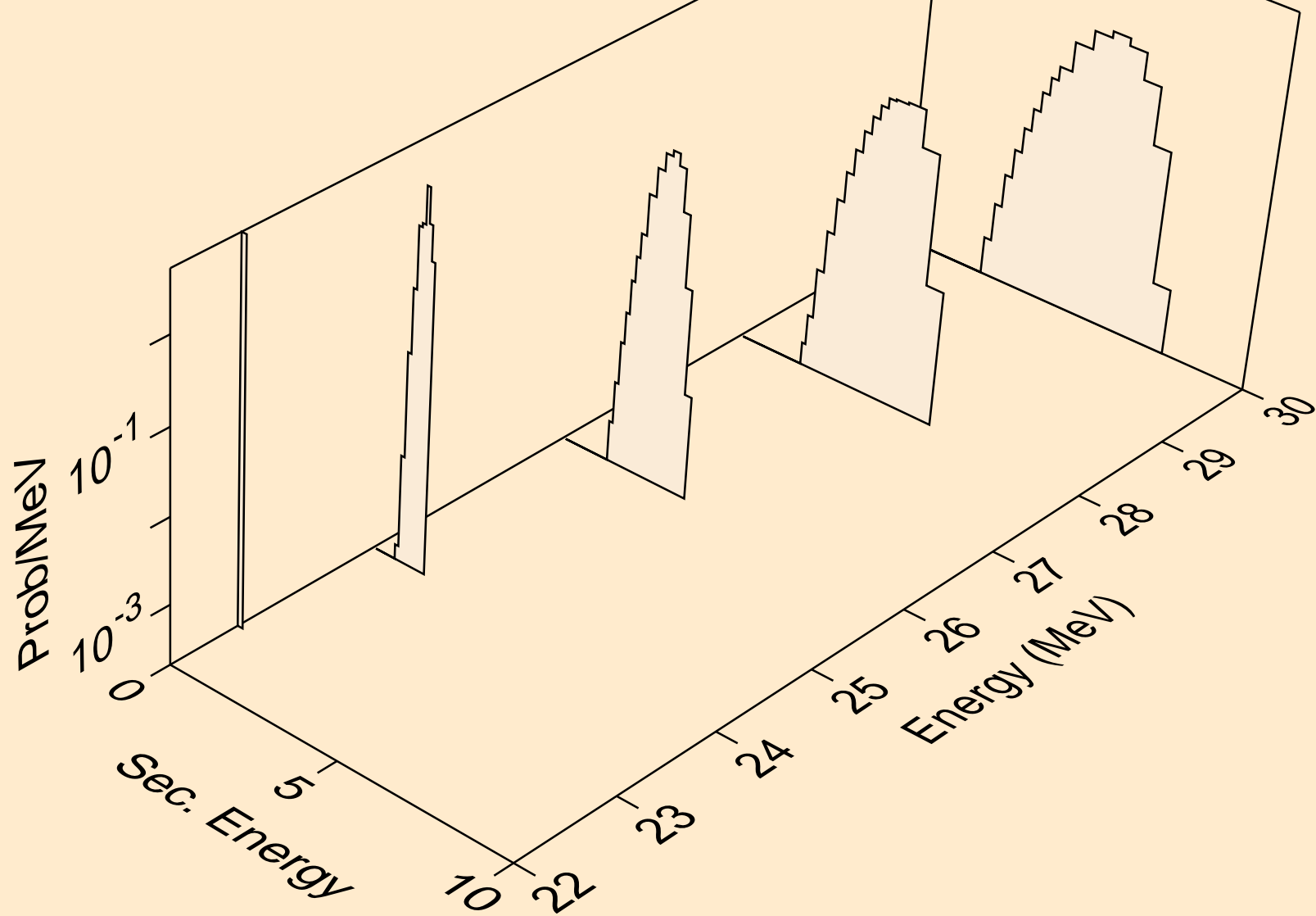
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



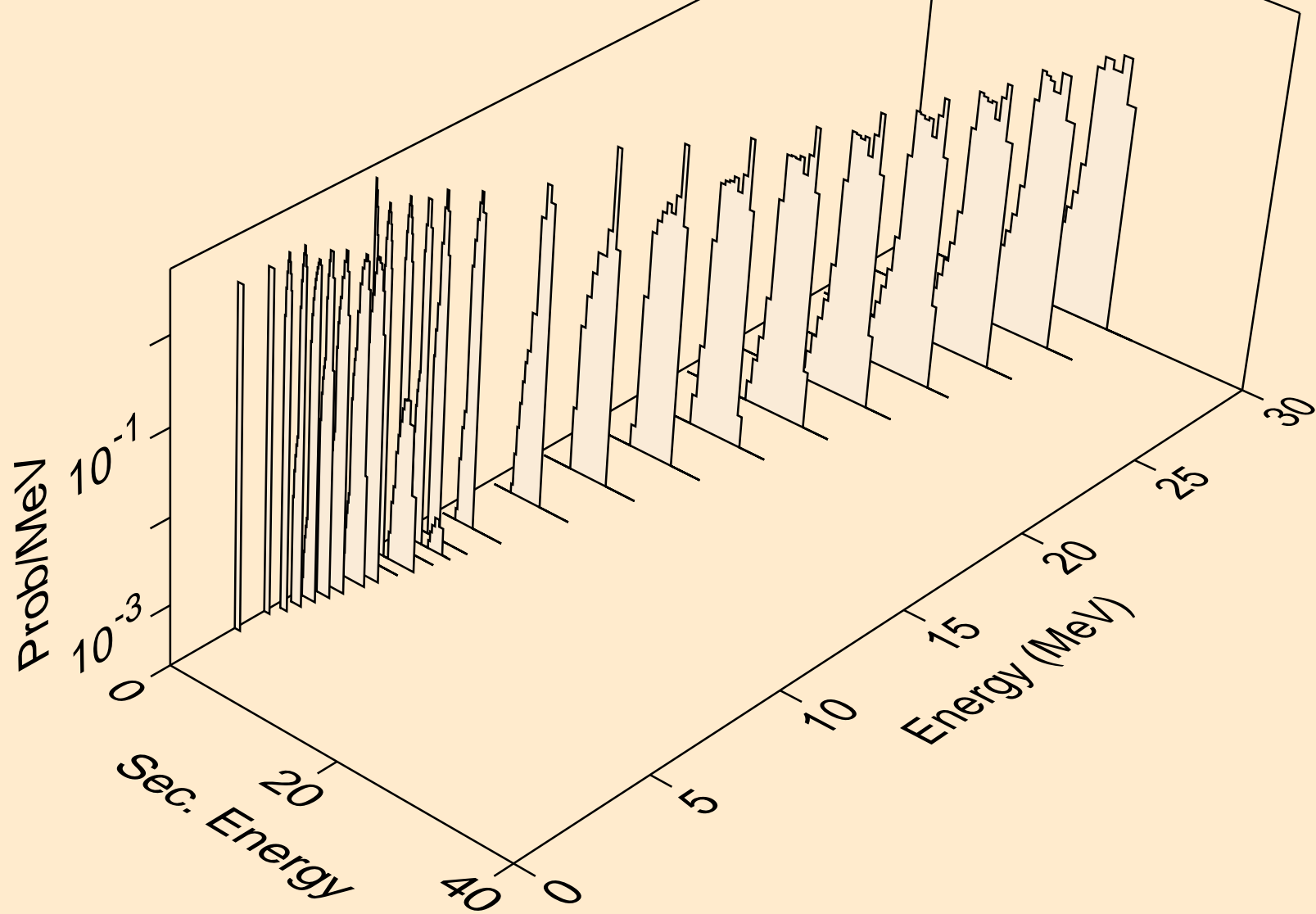
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



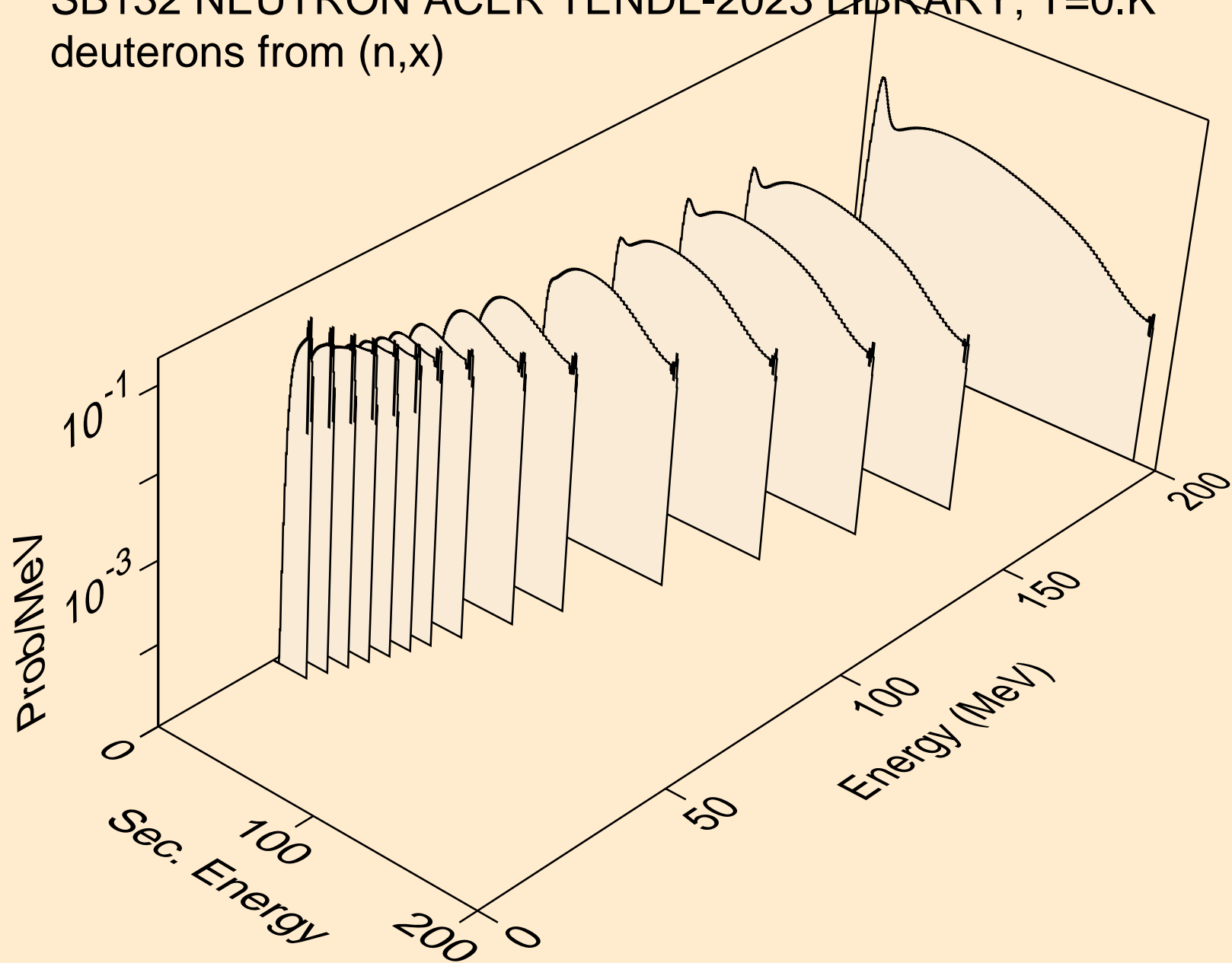
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

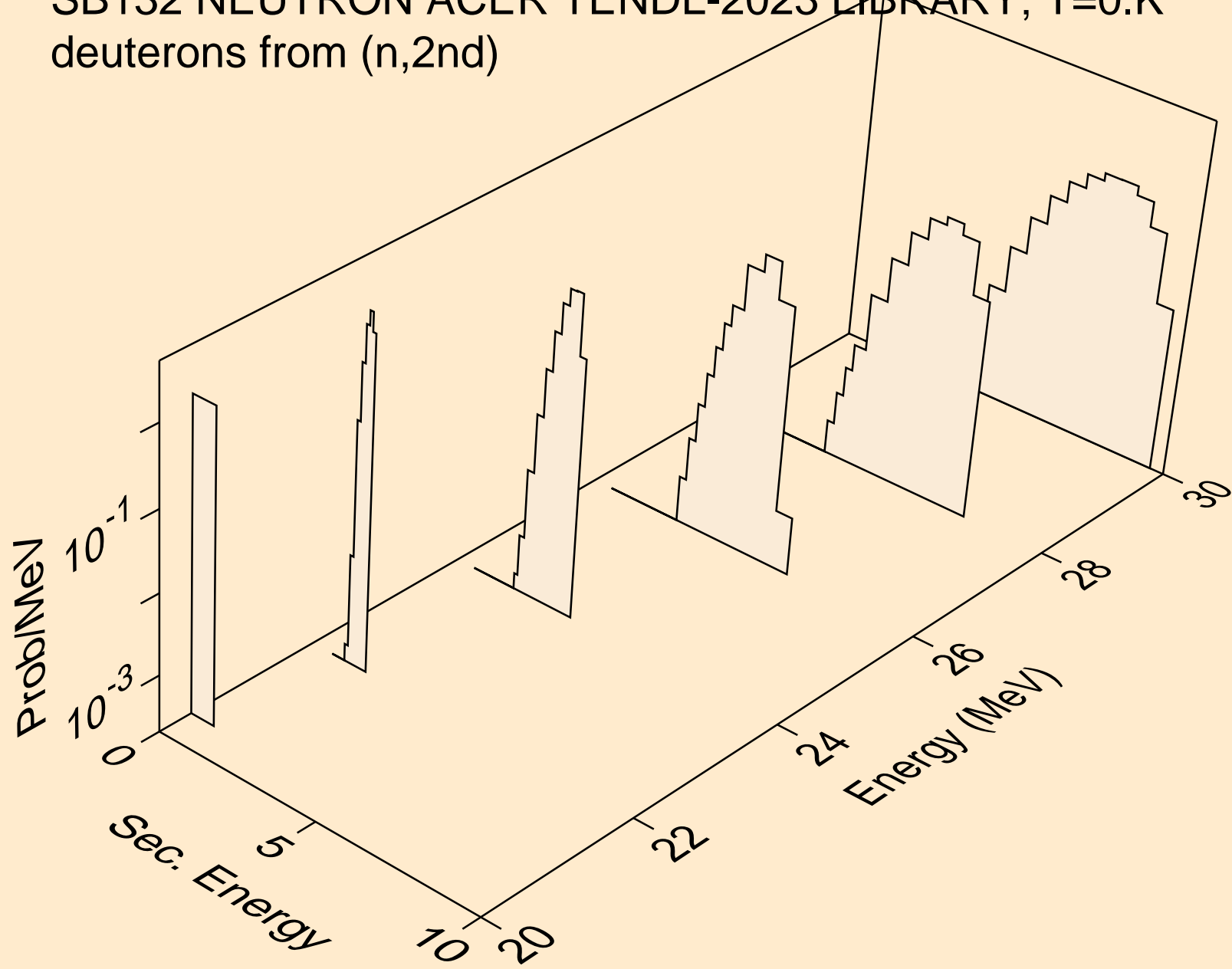


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

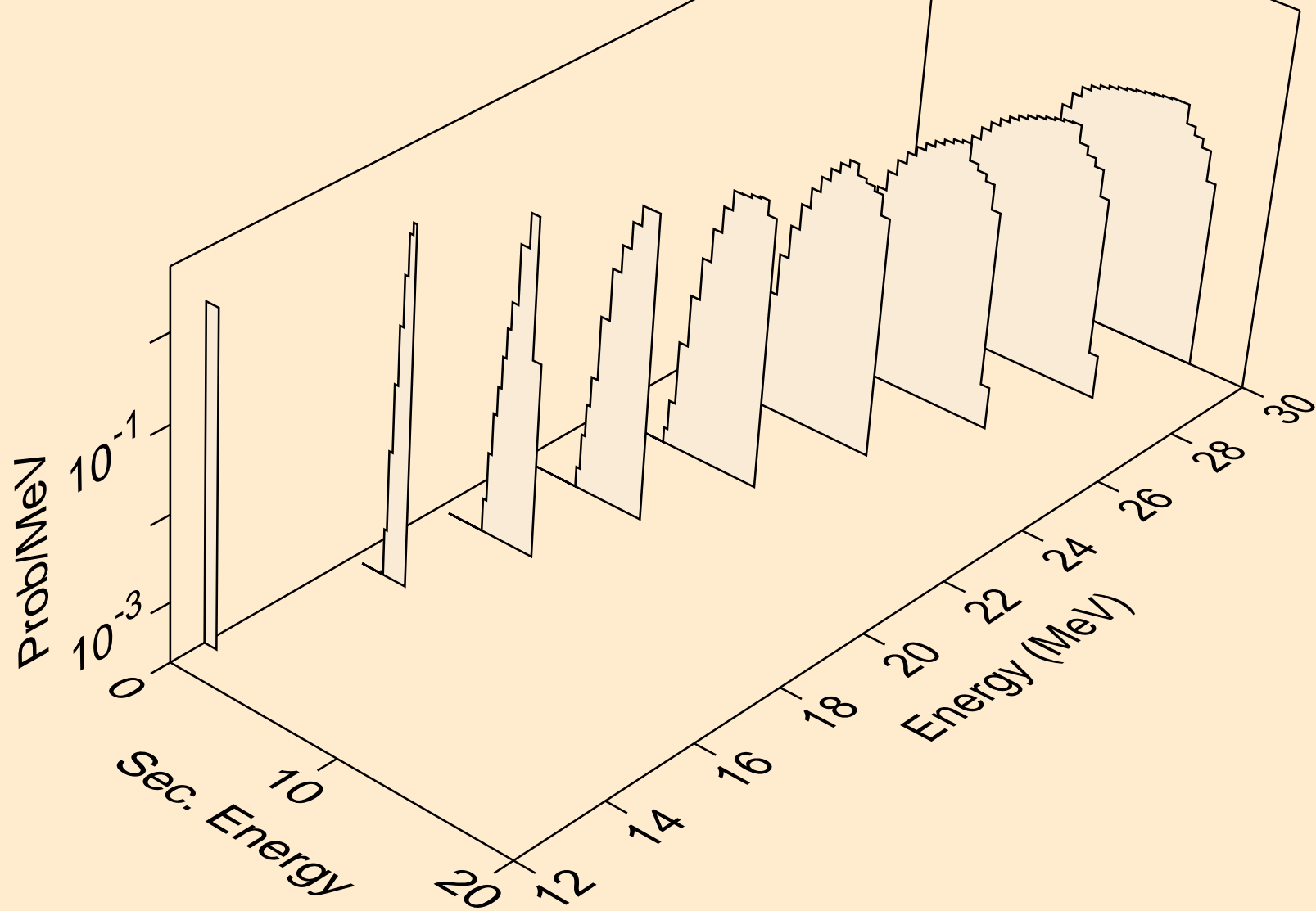




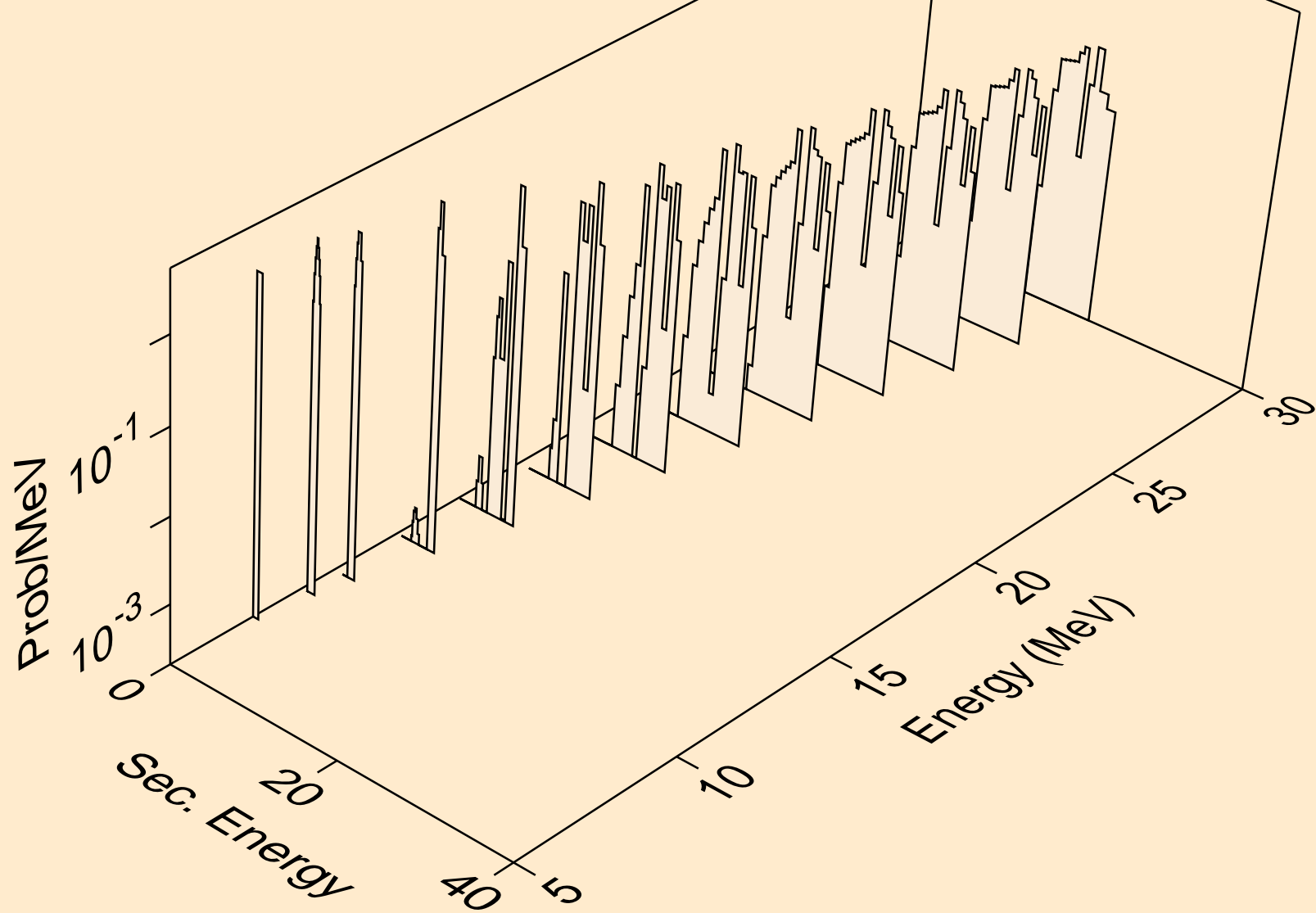
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



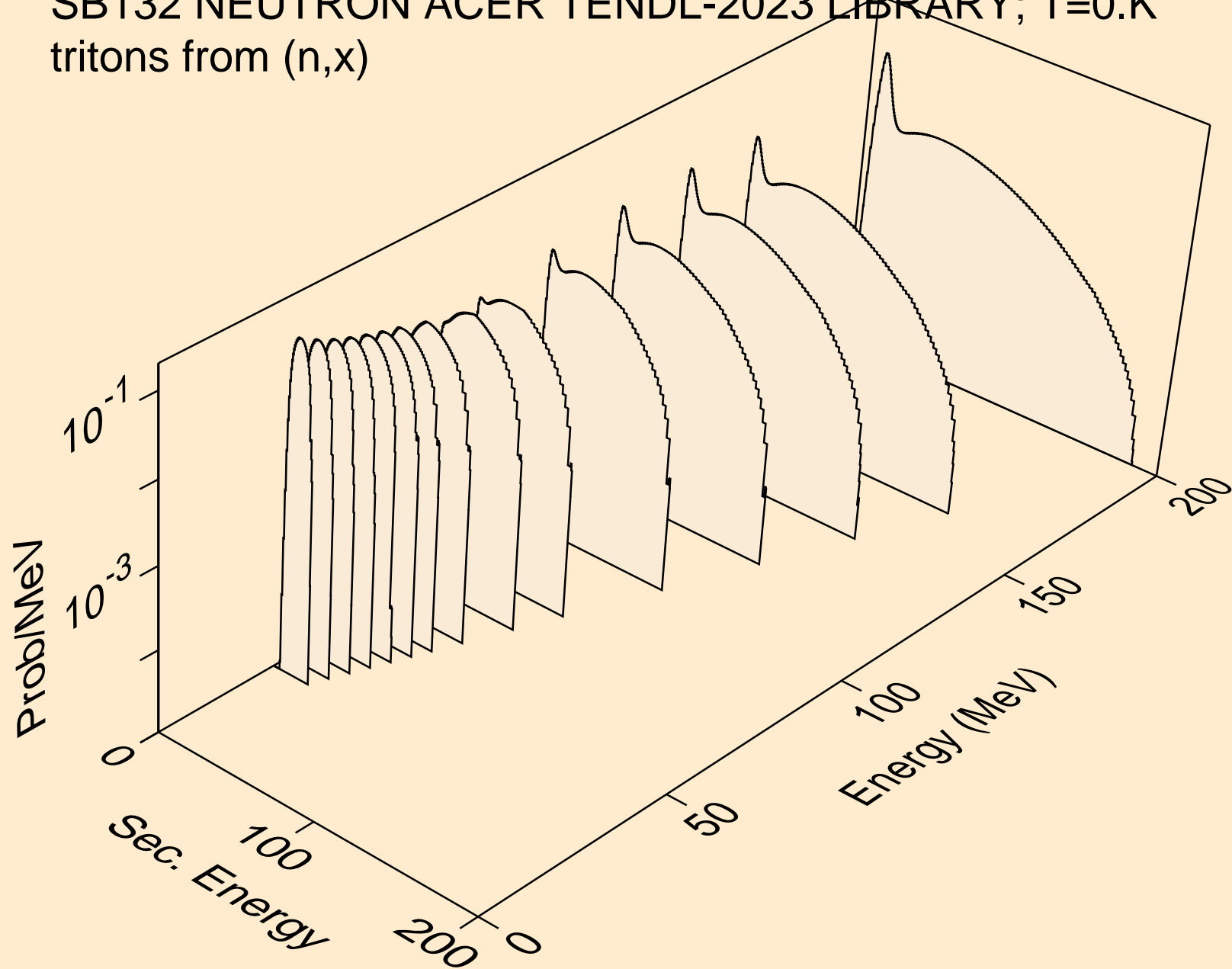
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



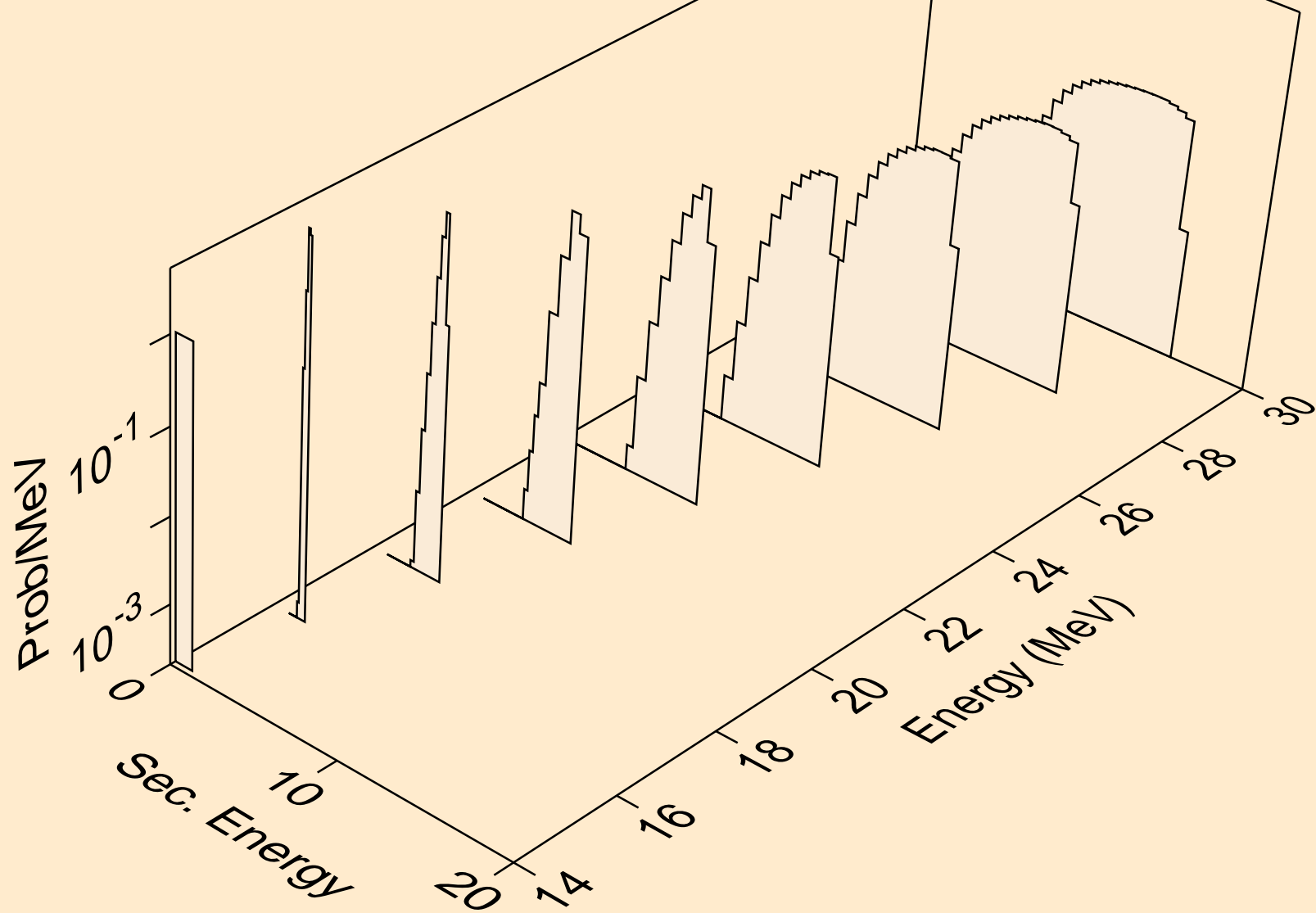
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



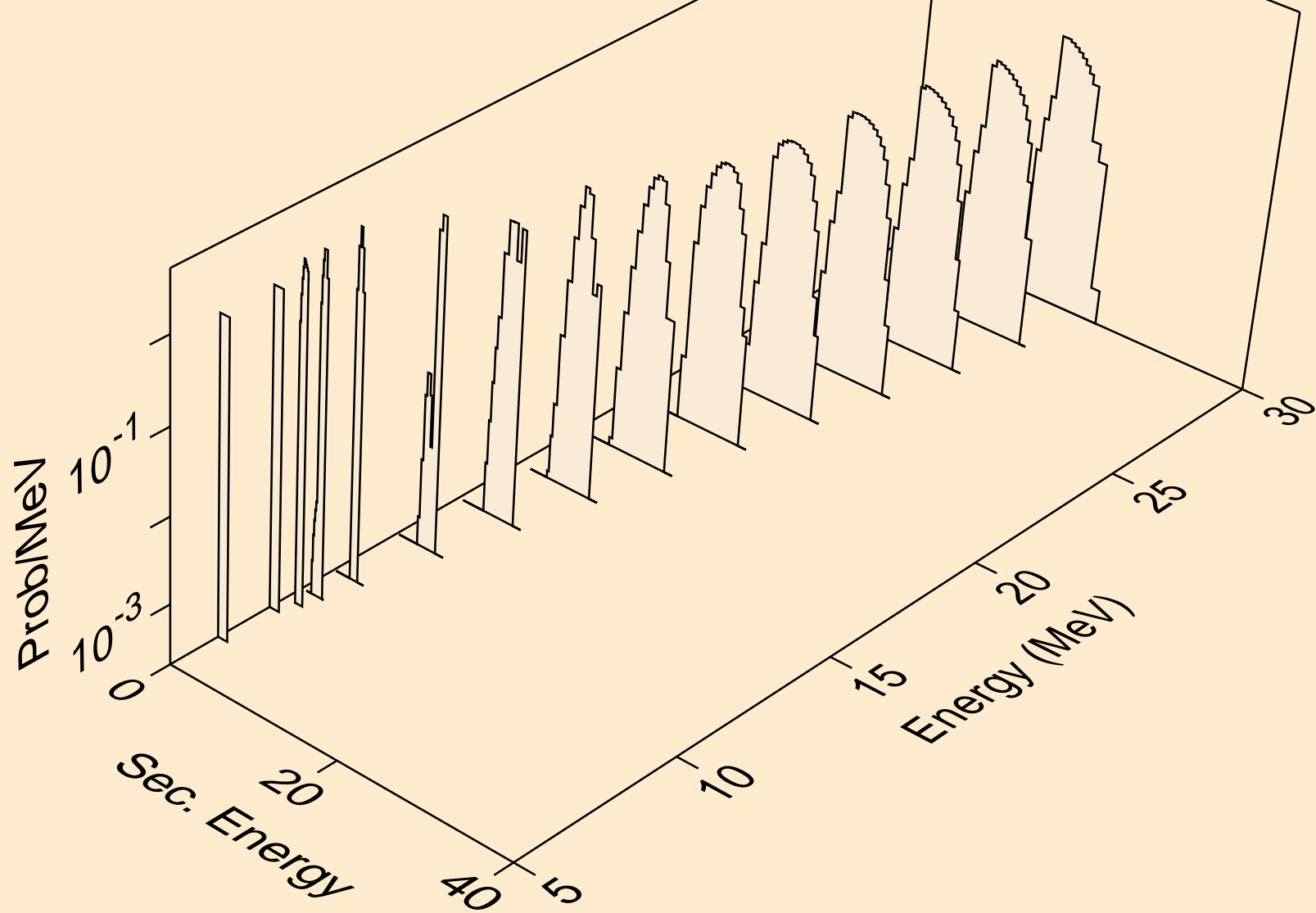
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



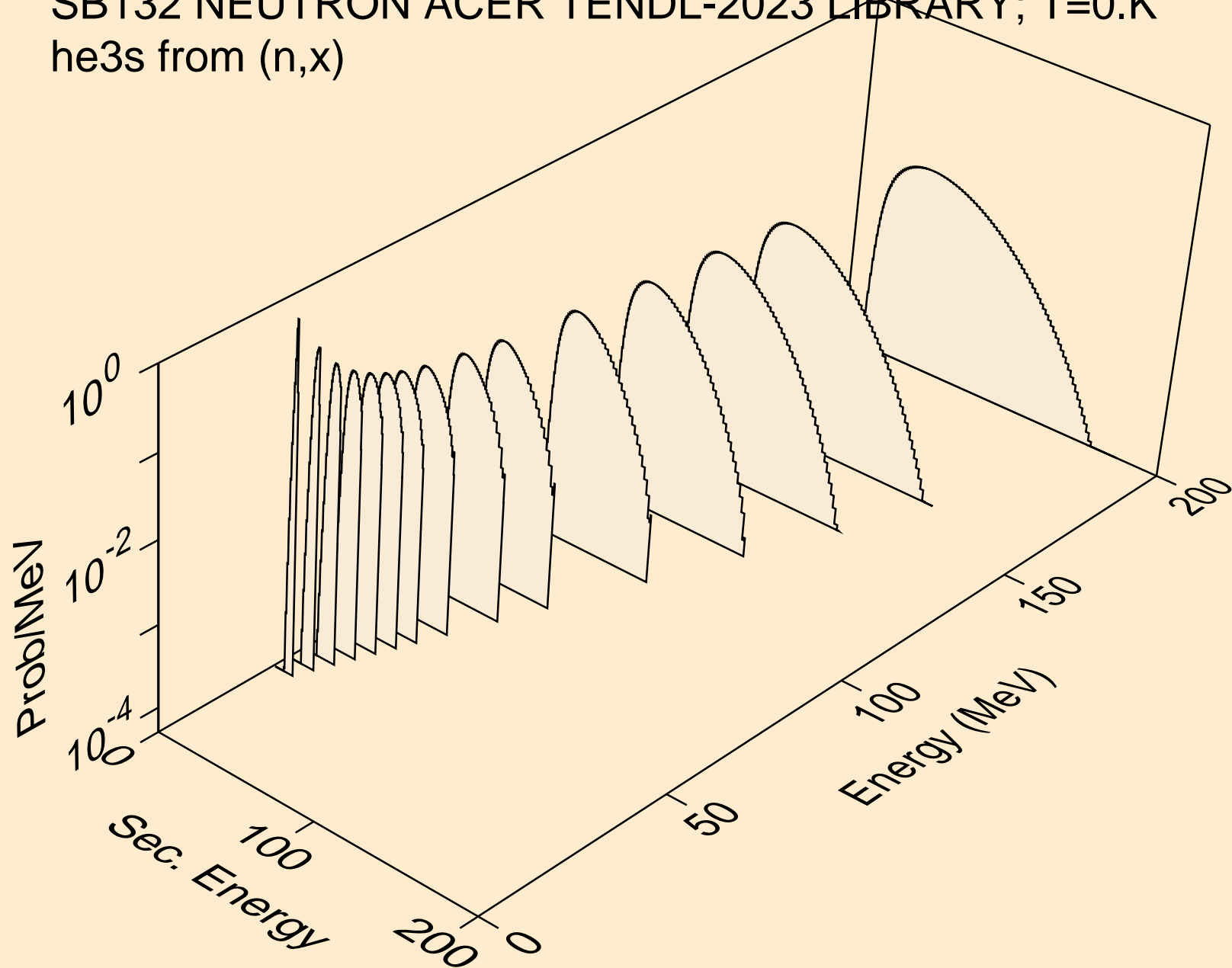
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



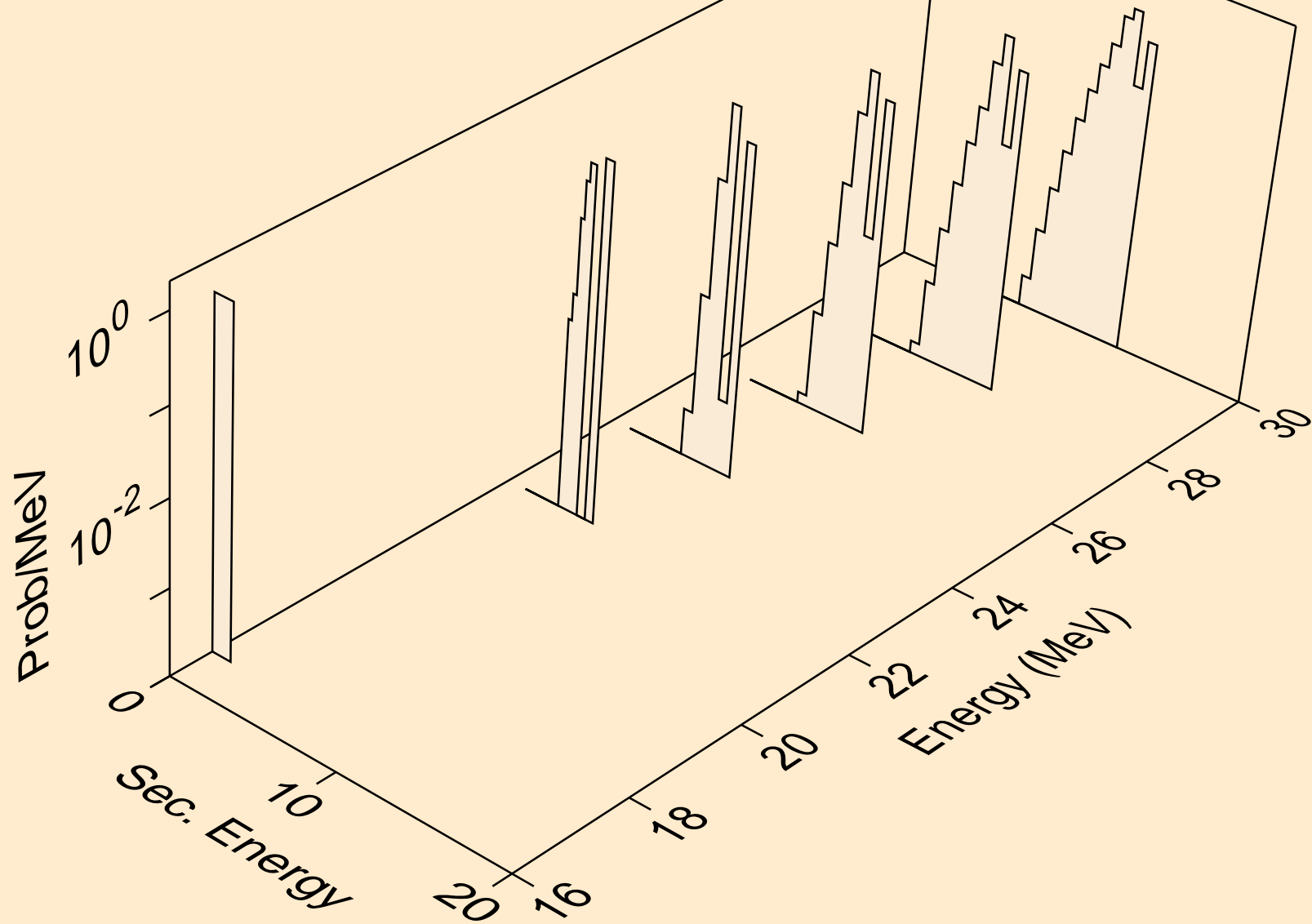
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

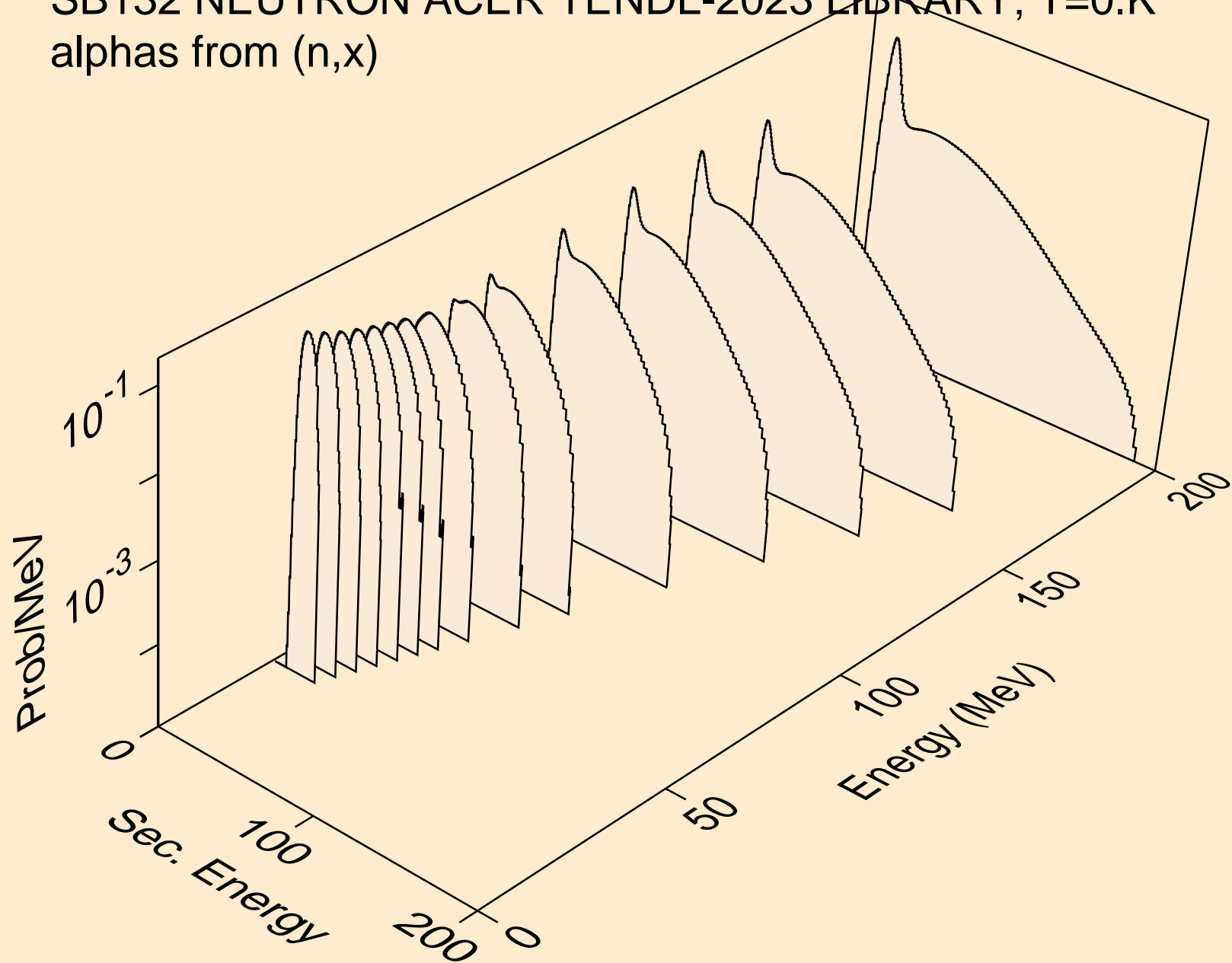


SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

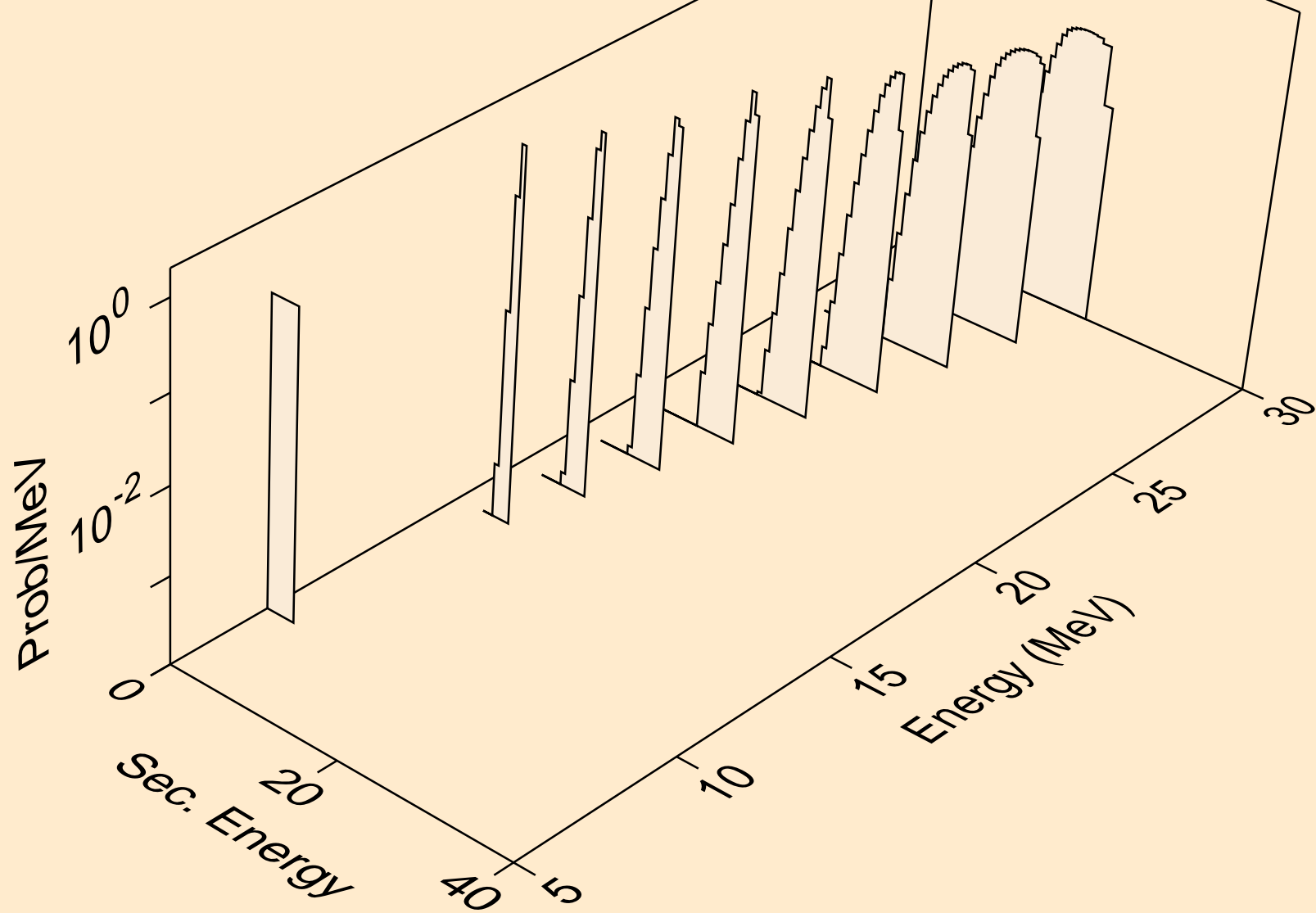




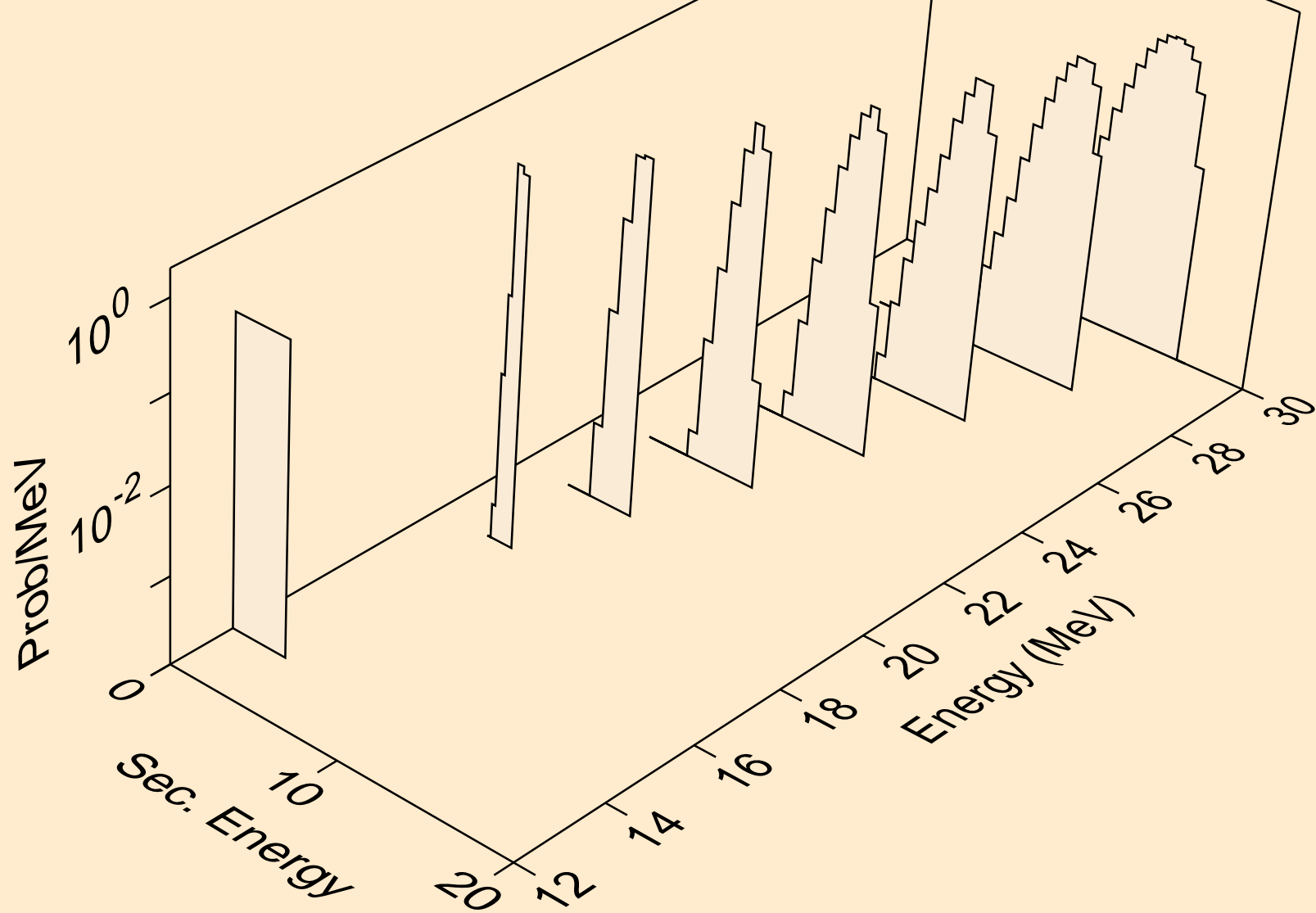
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



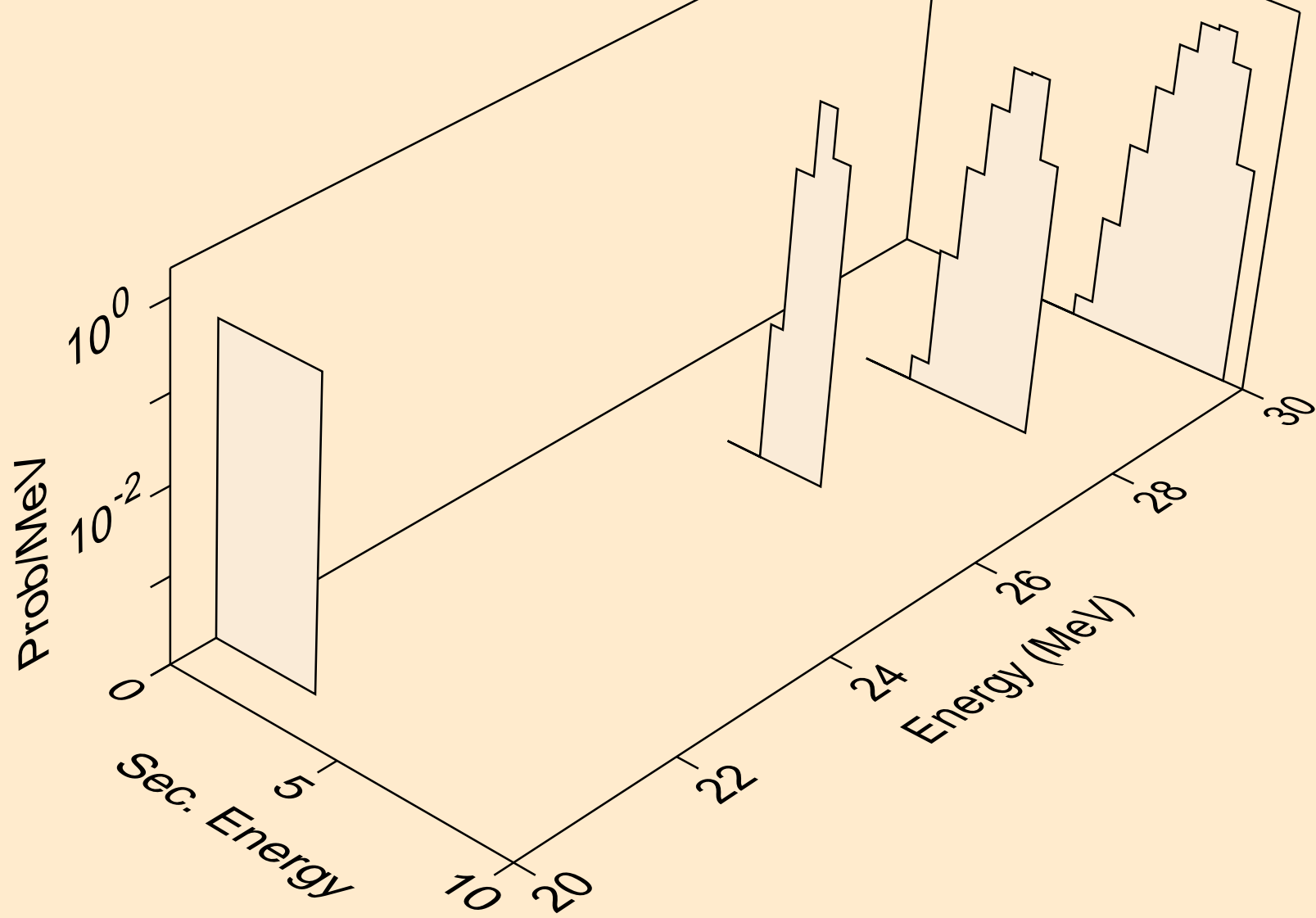
SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



SB132 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

