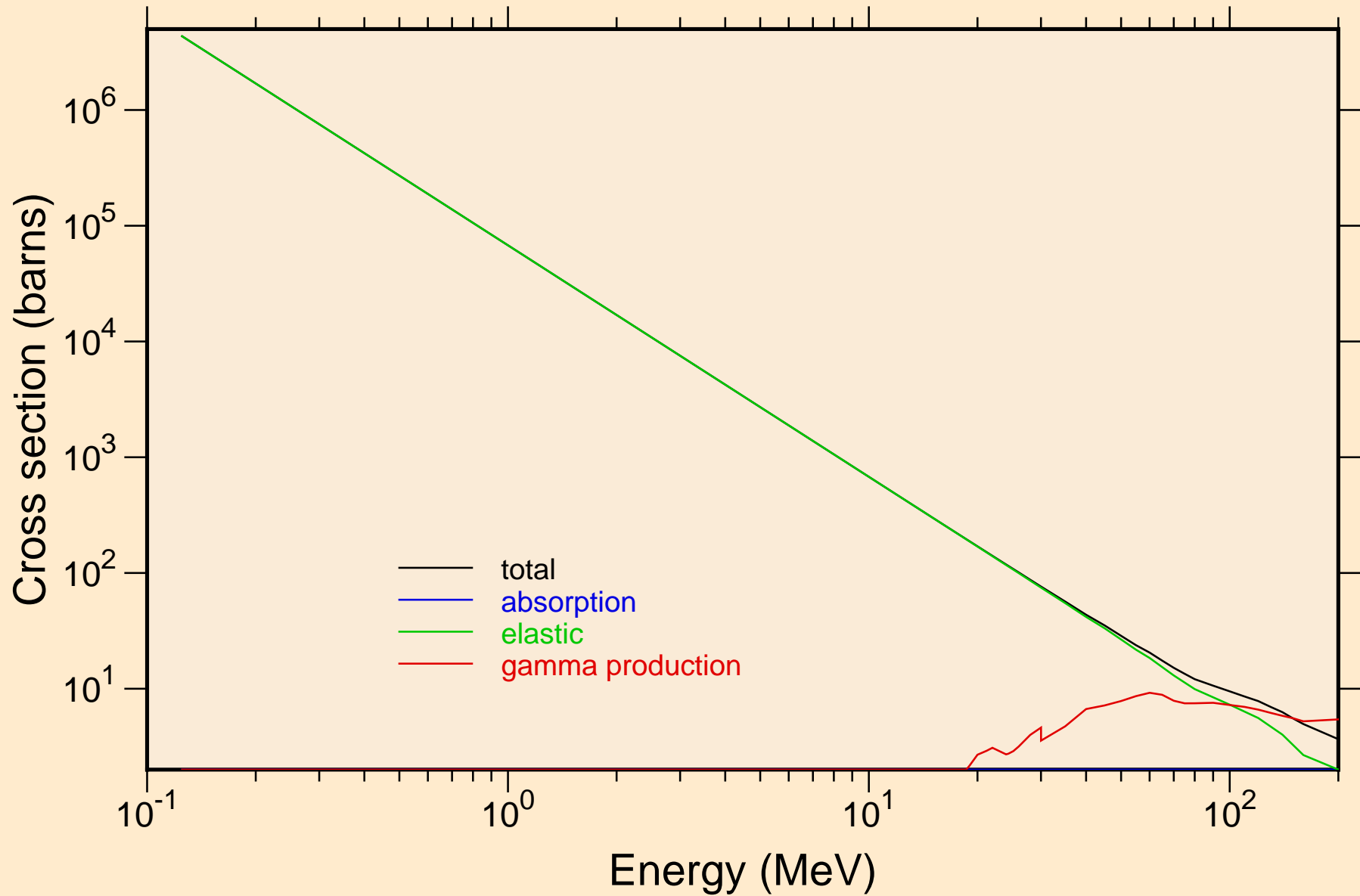


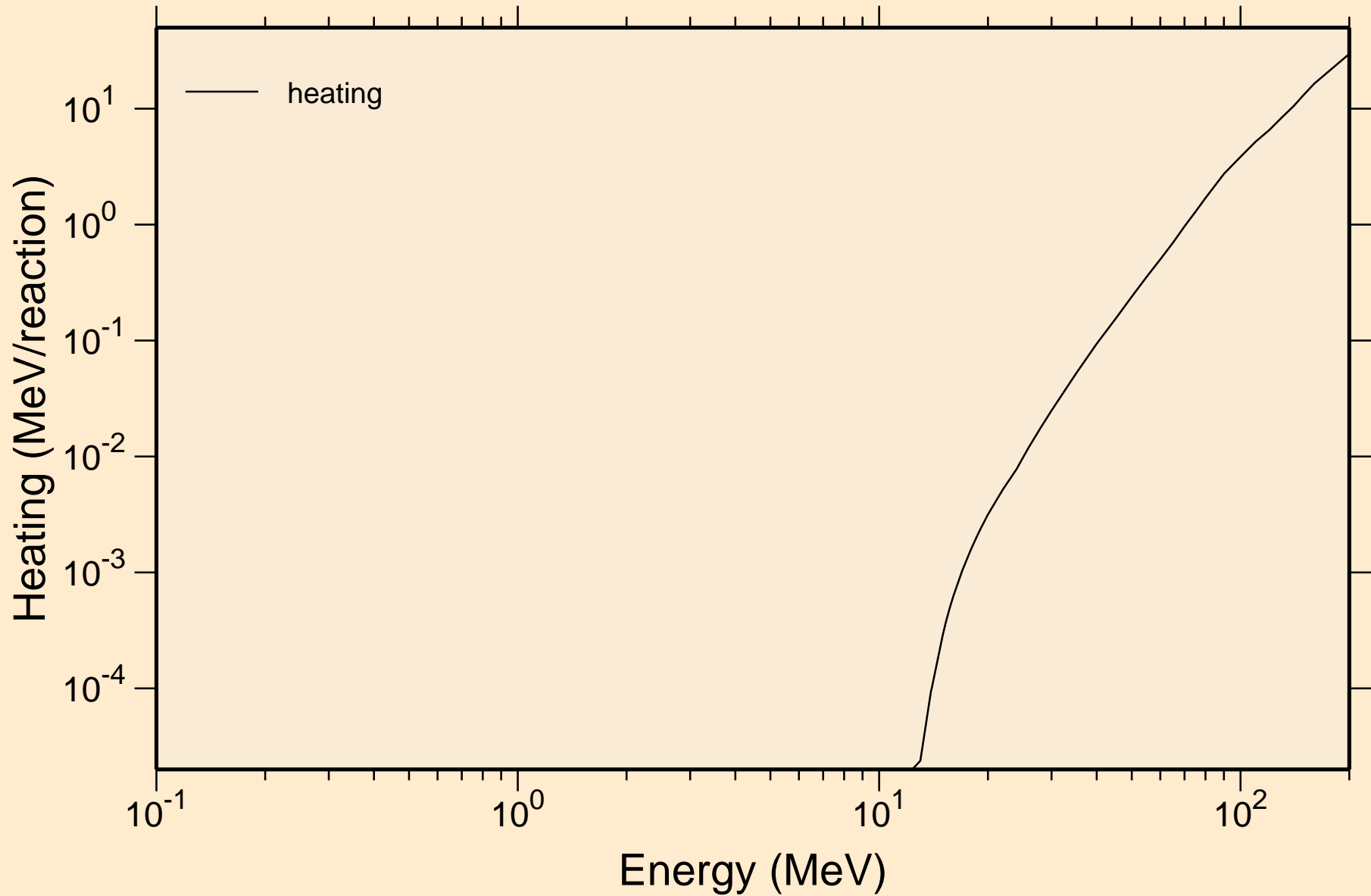
# SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



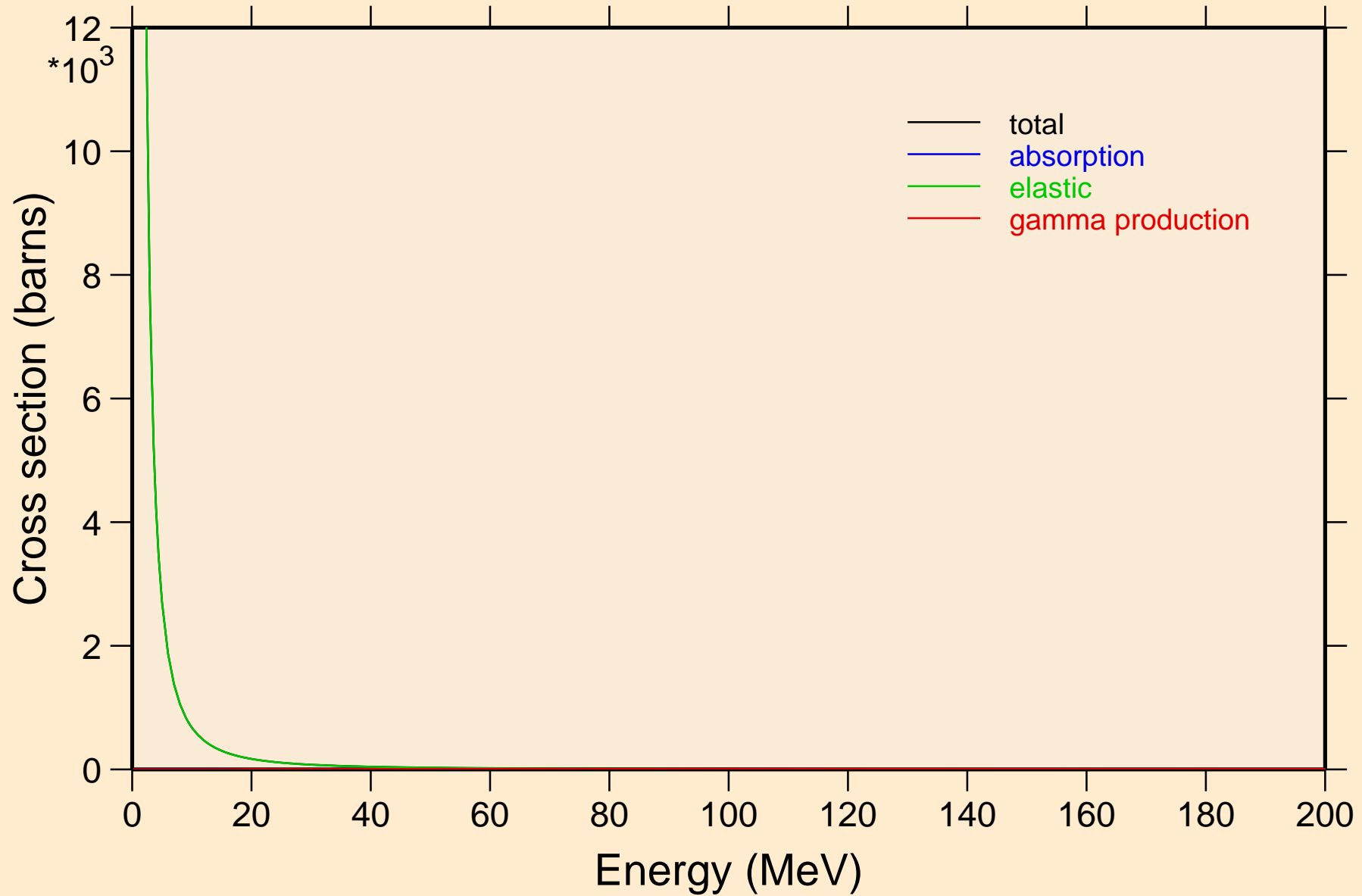
# SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



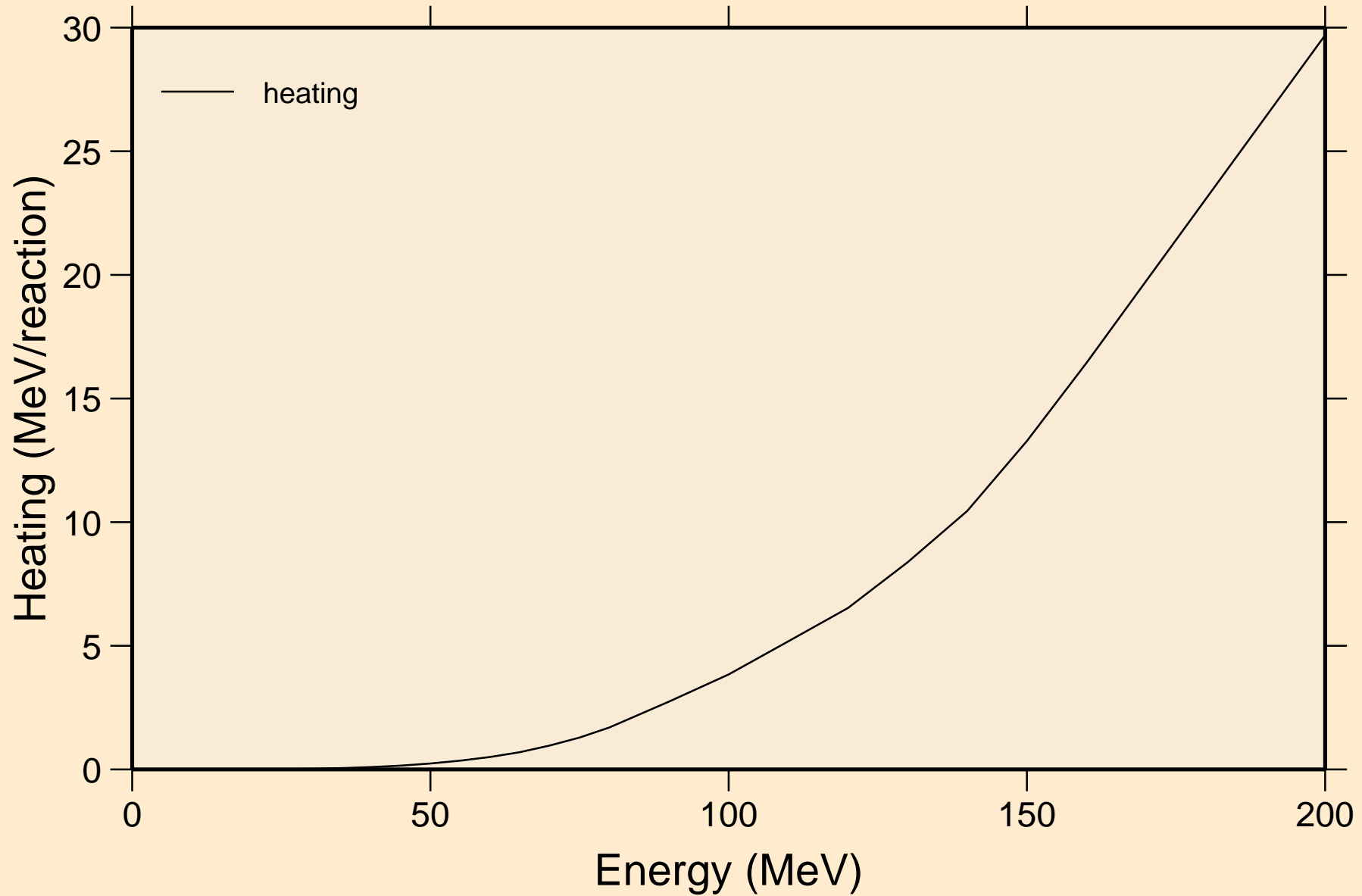
# SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

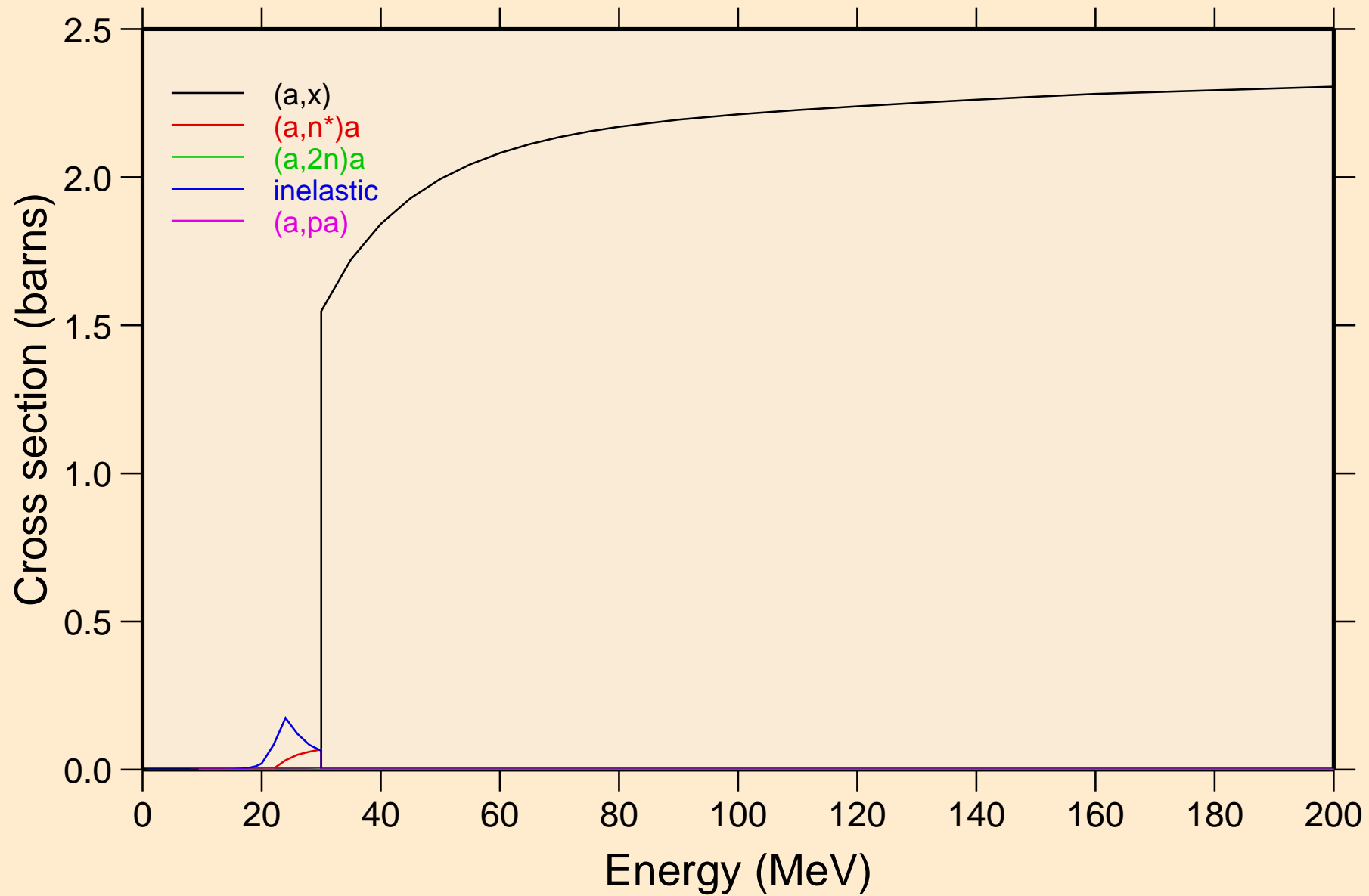


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

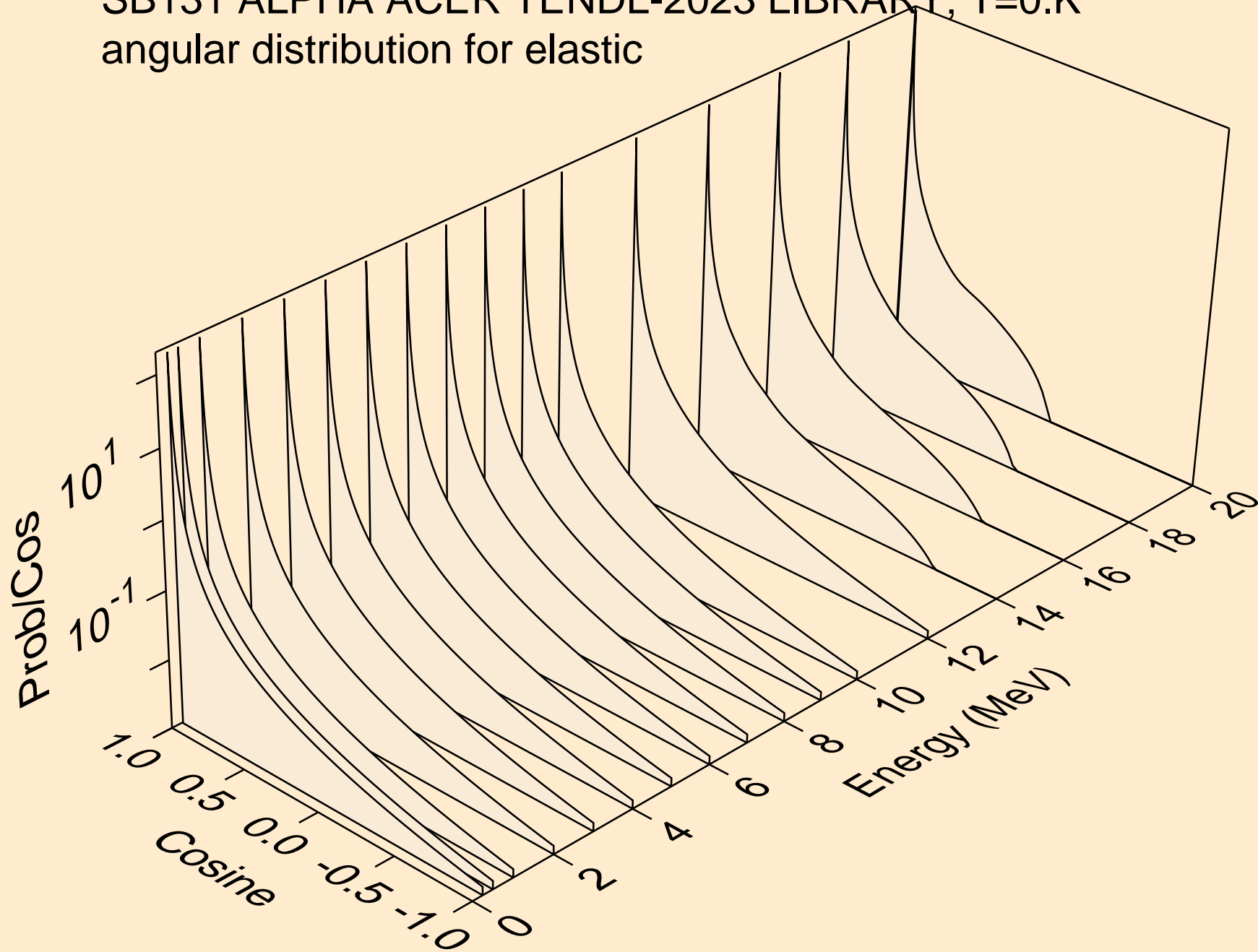
Heating



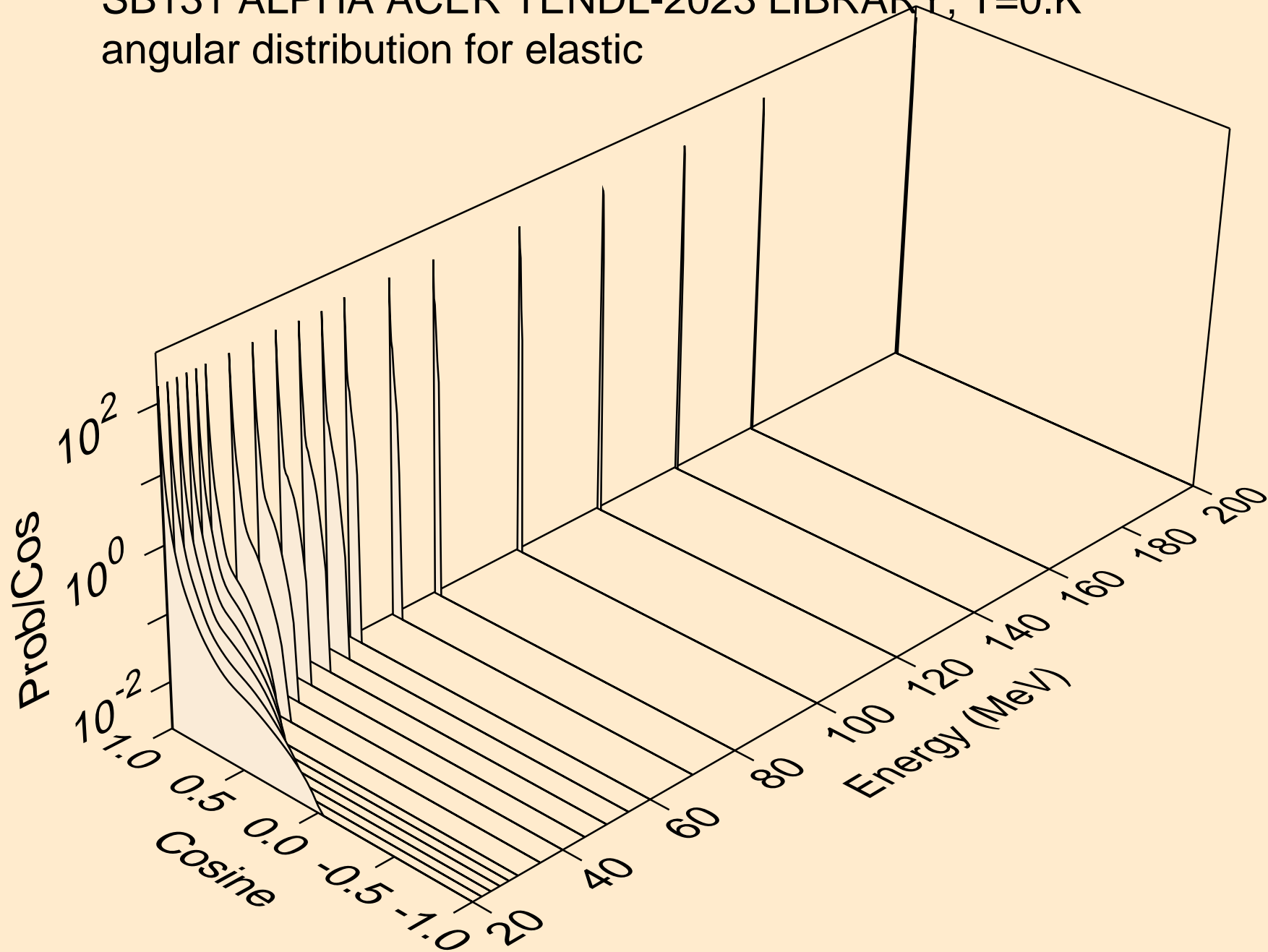
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

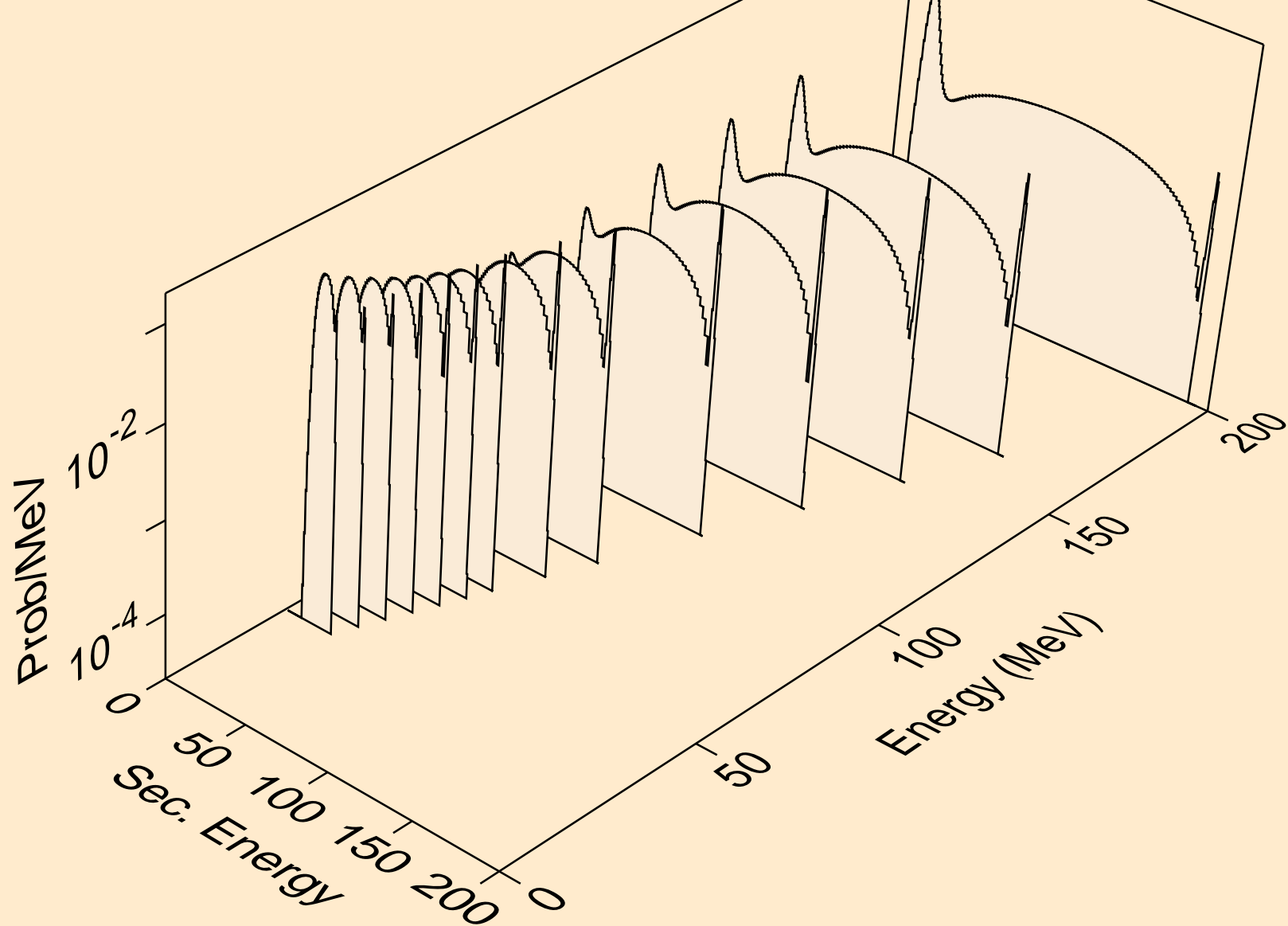


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



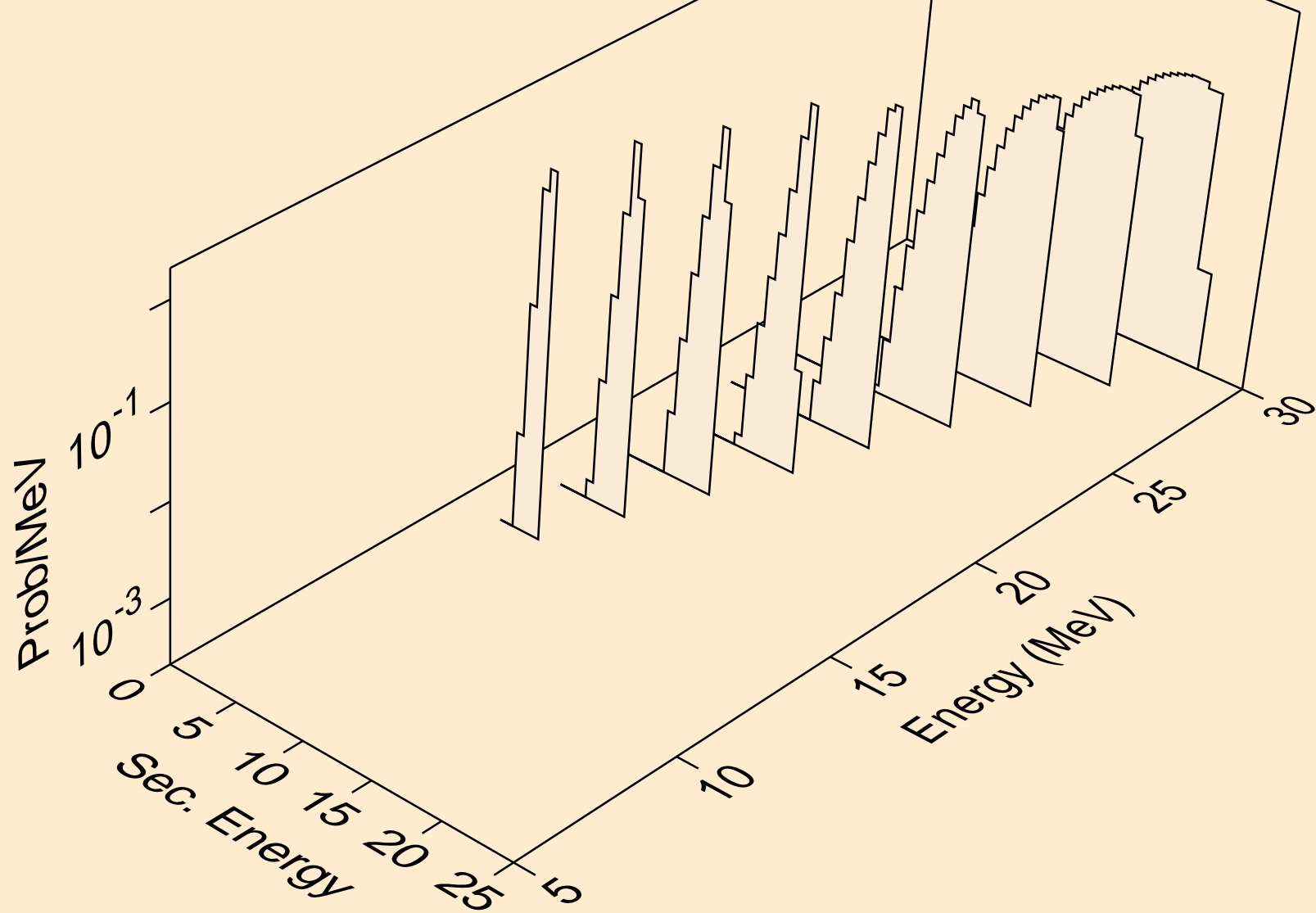
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

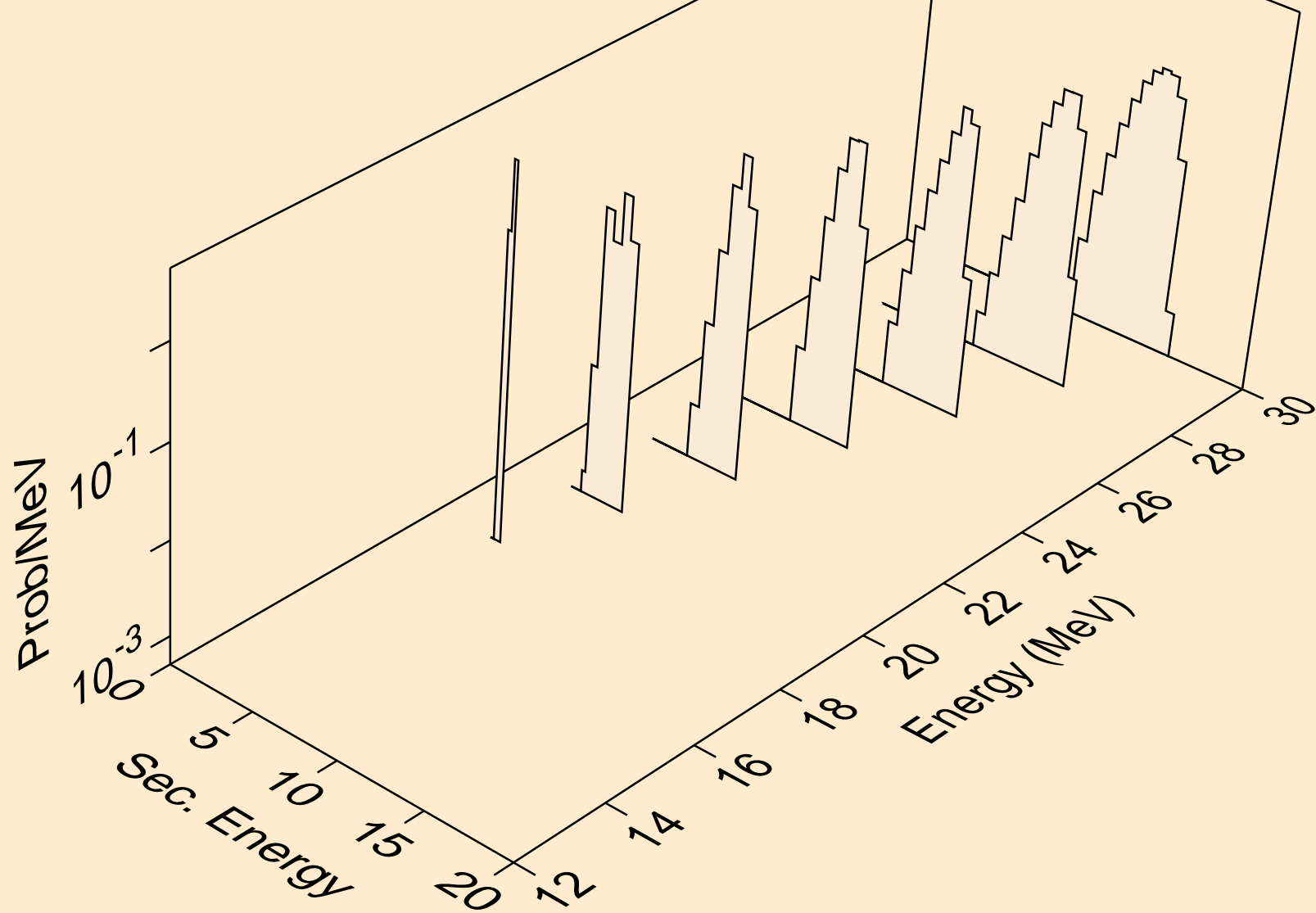




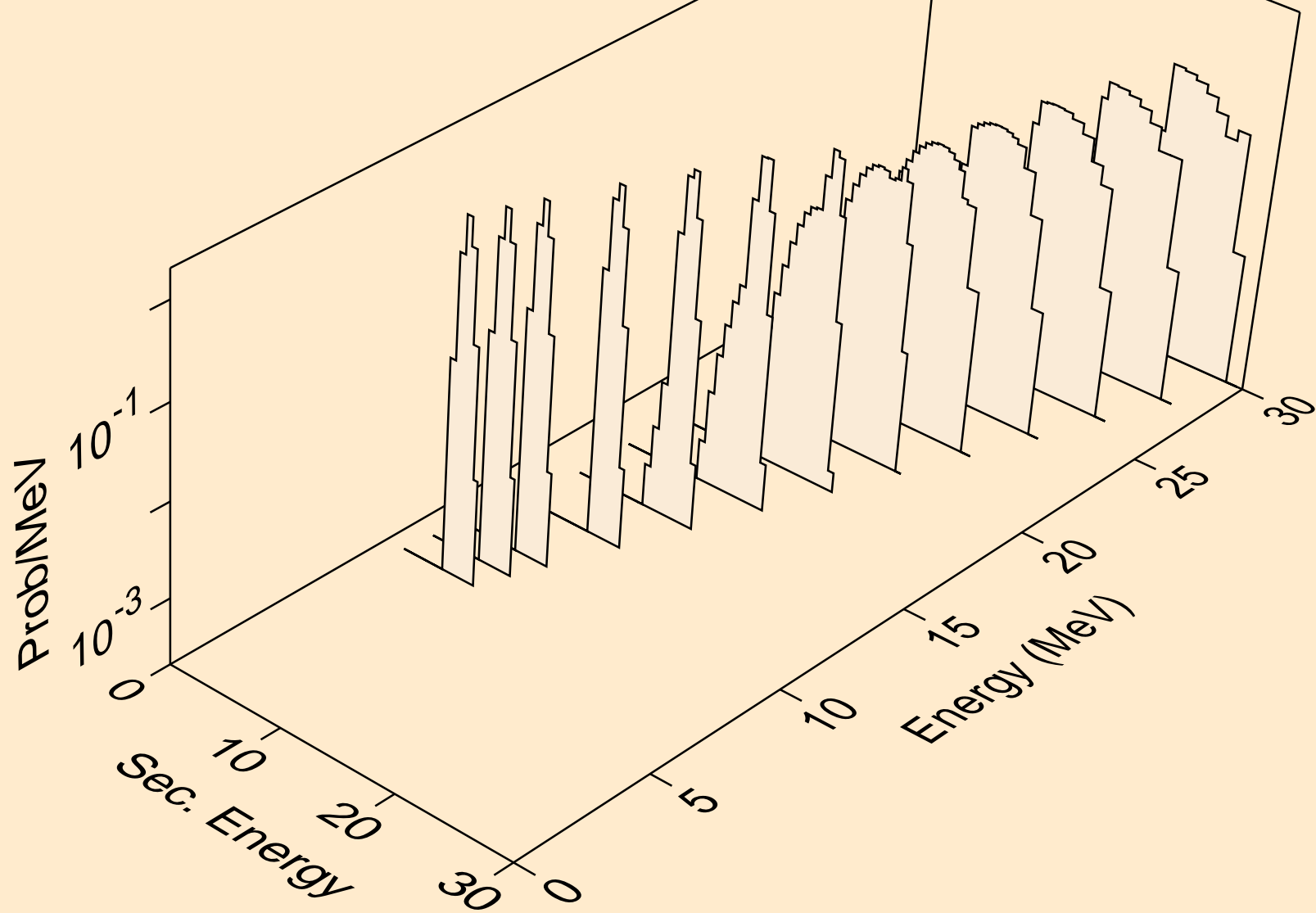
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



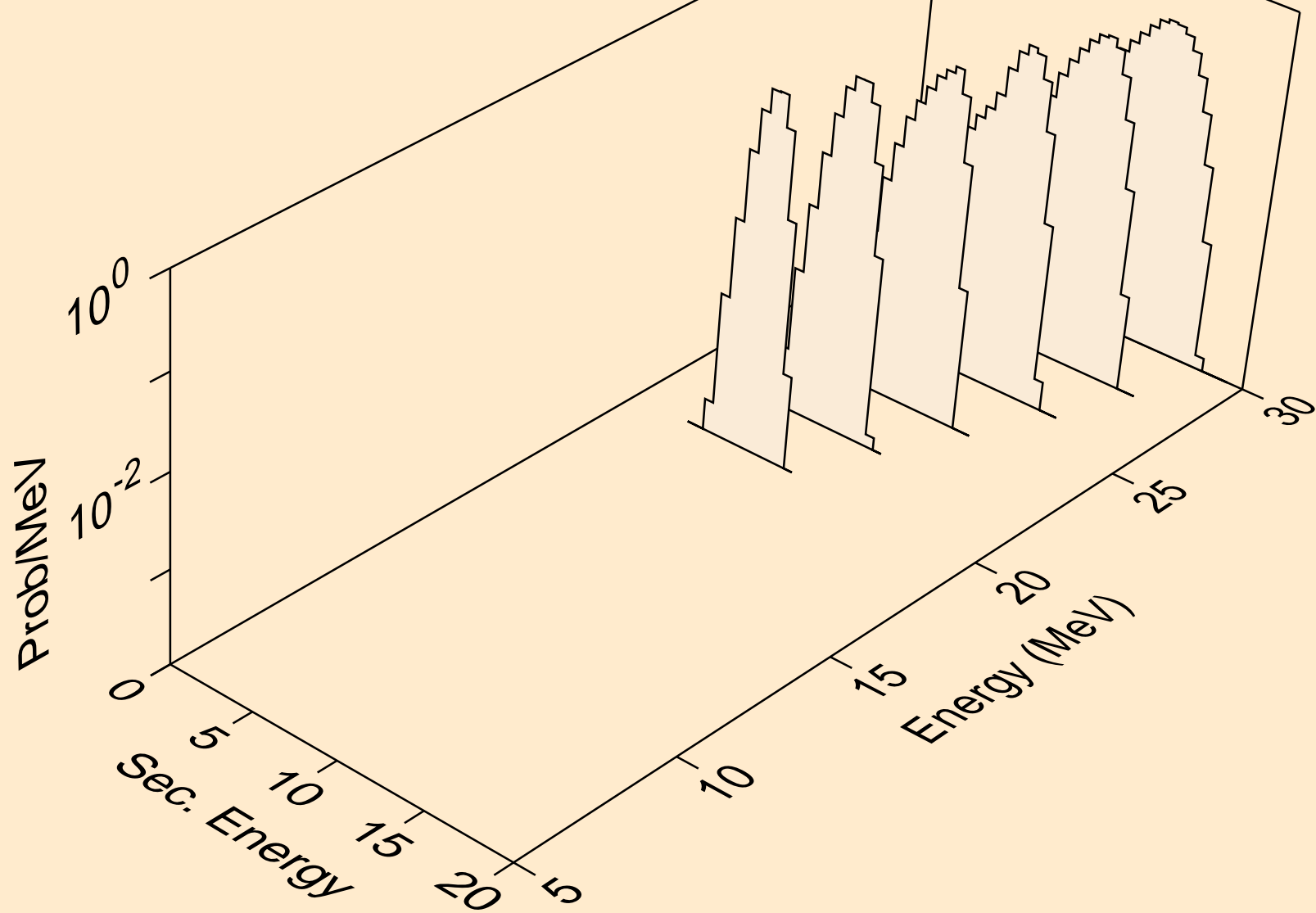
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



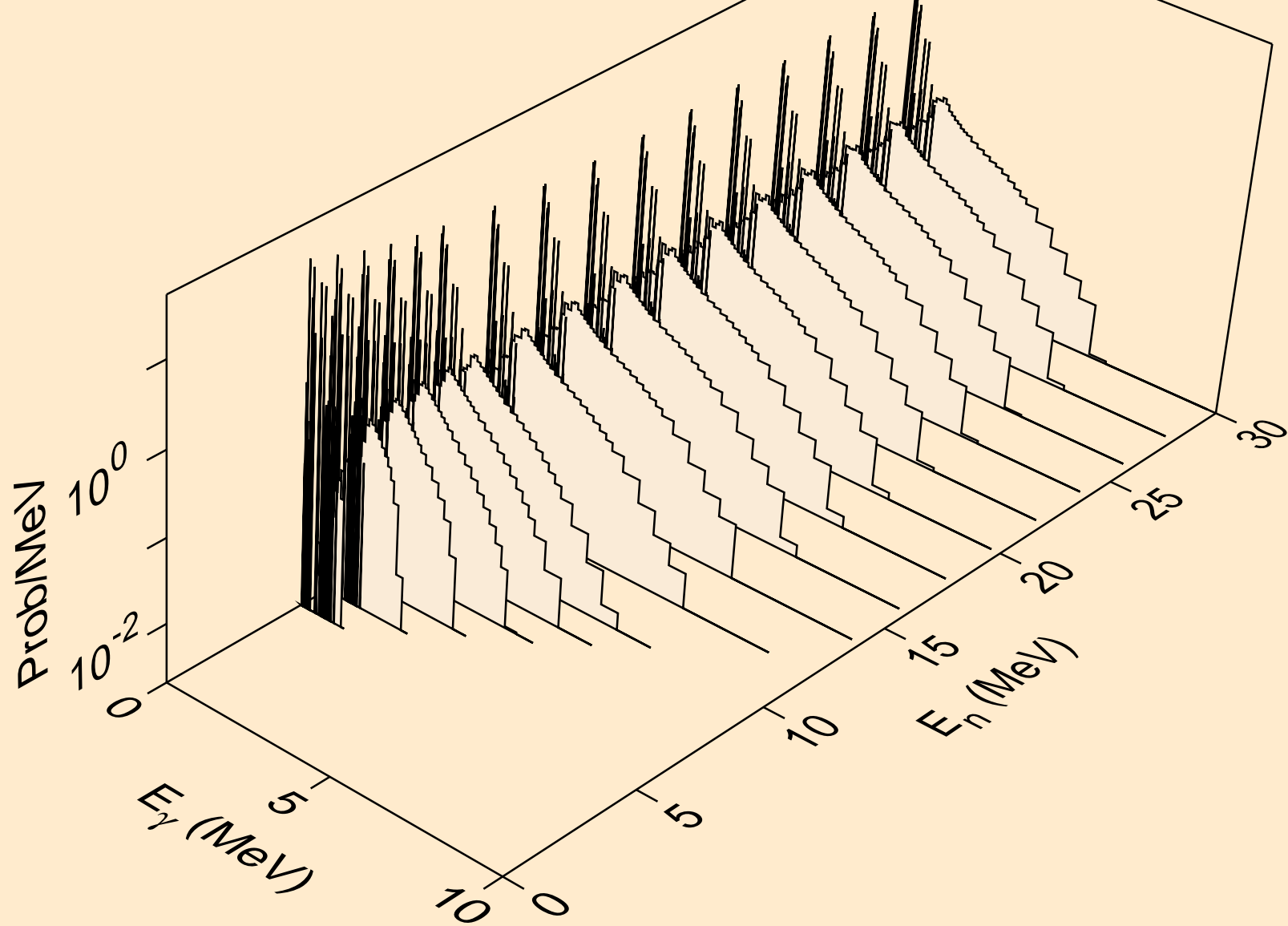
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



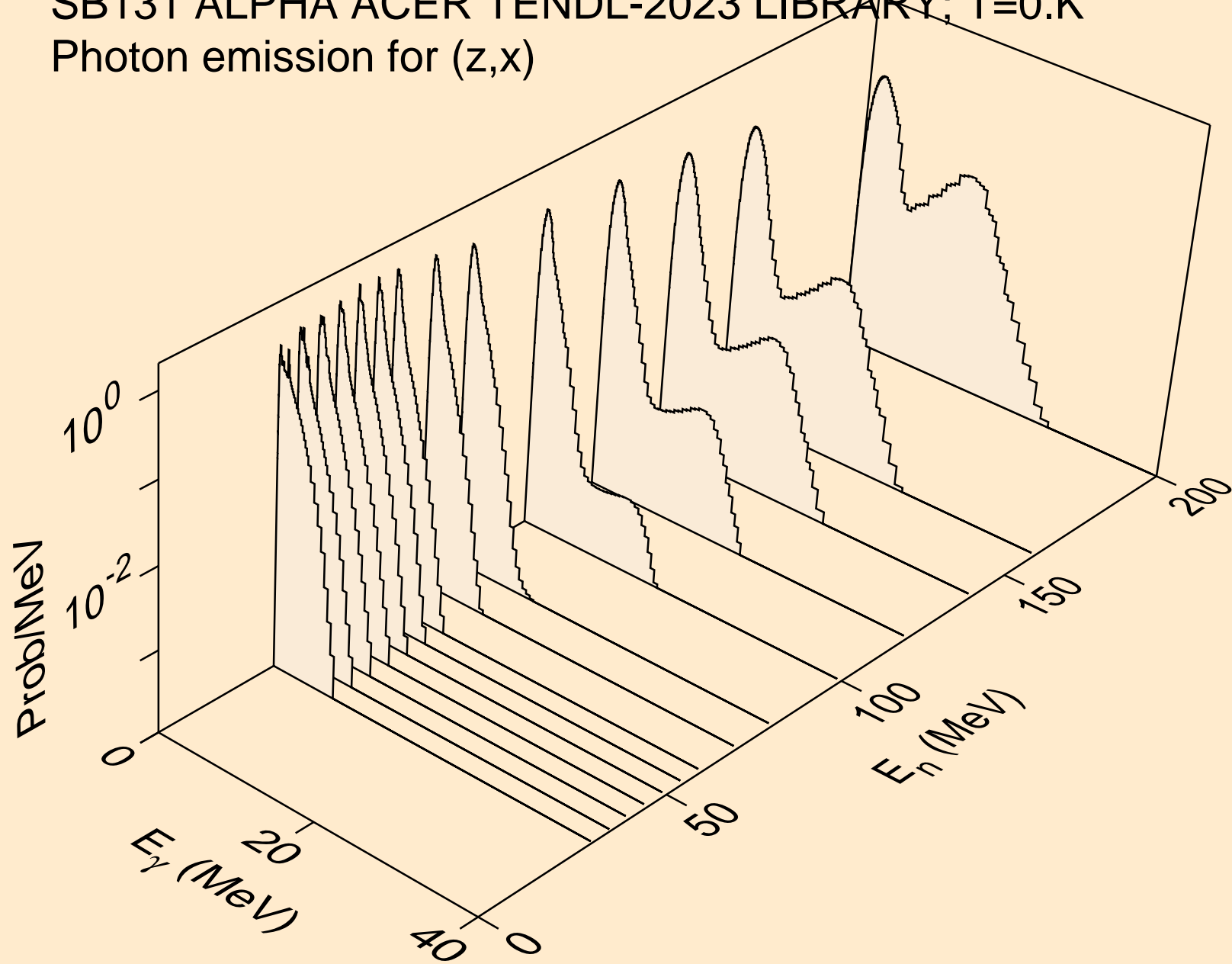
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



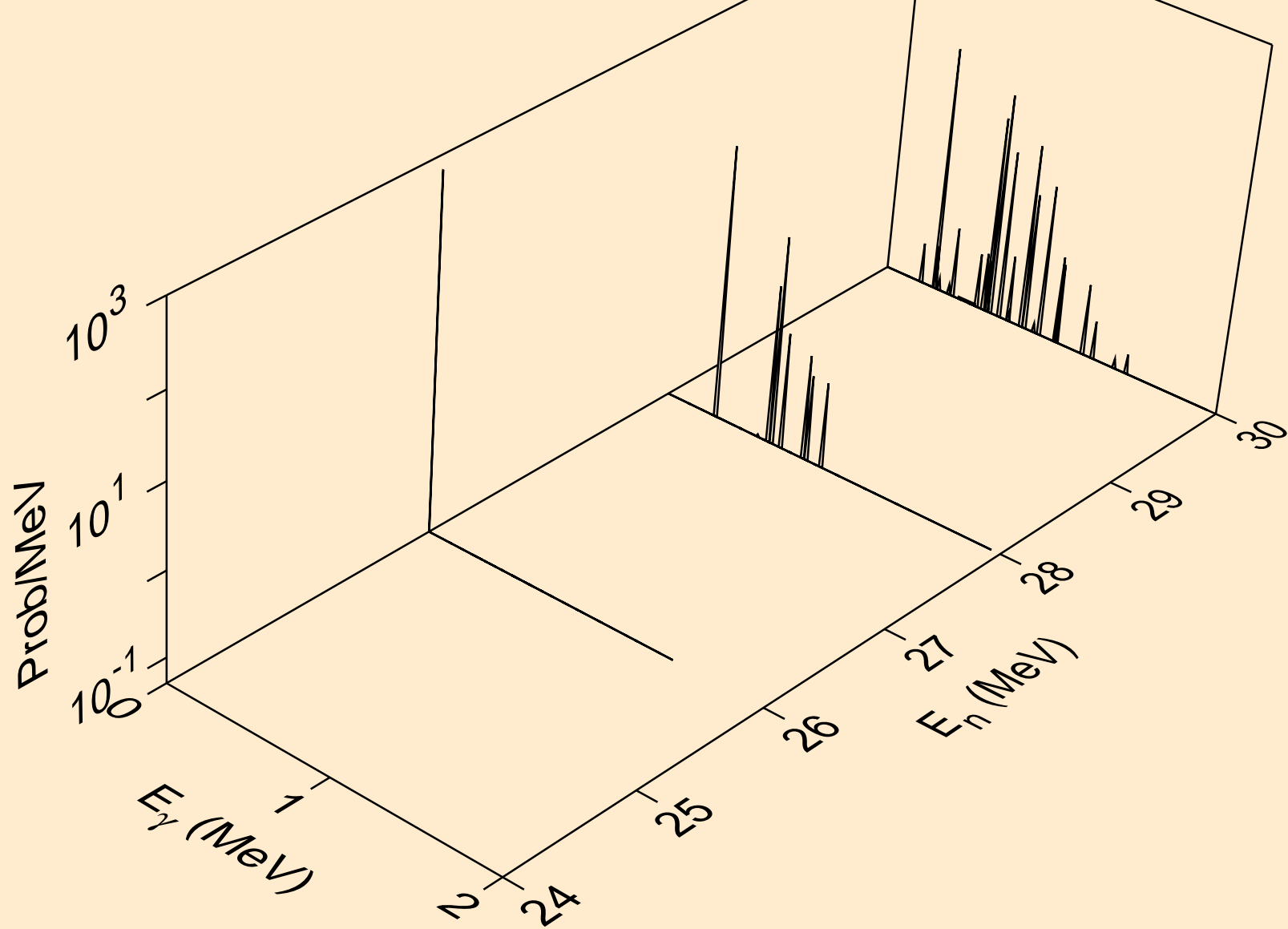
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



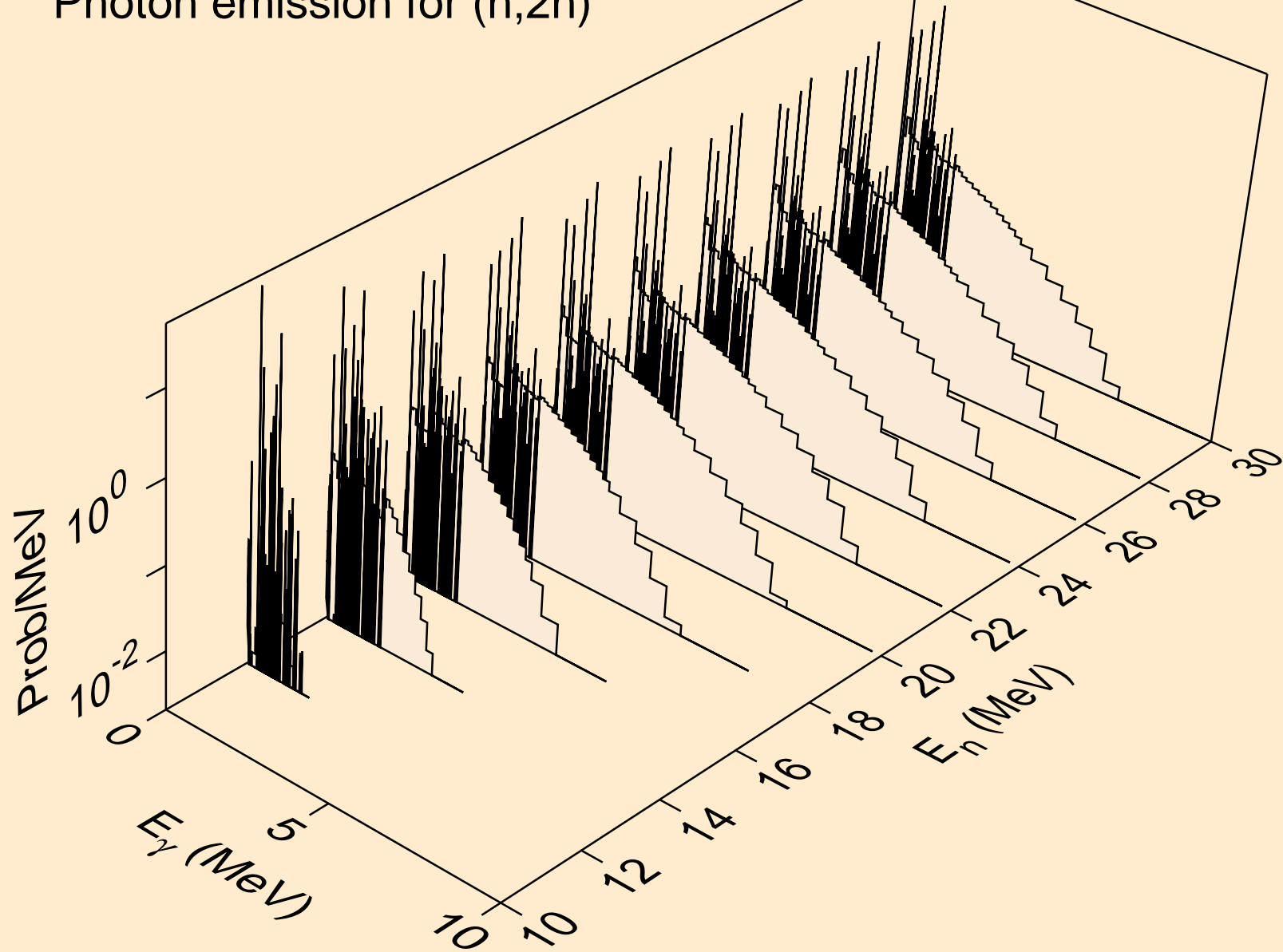
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

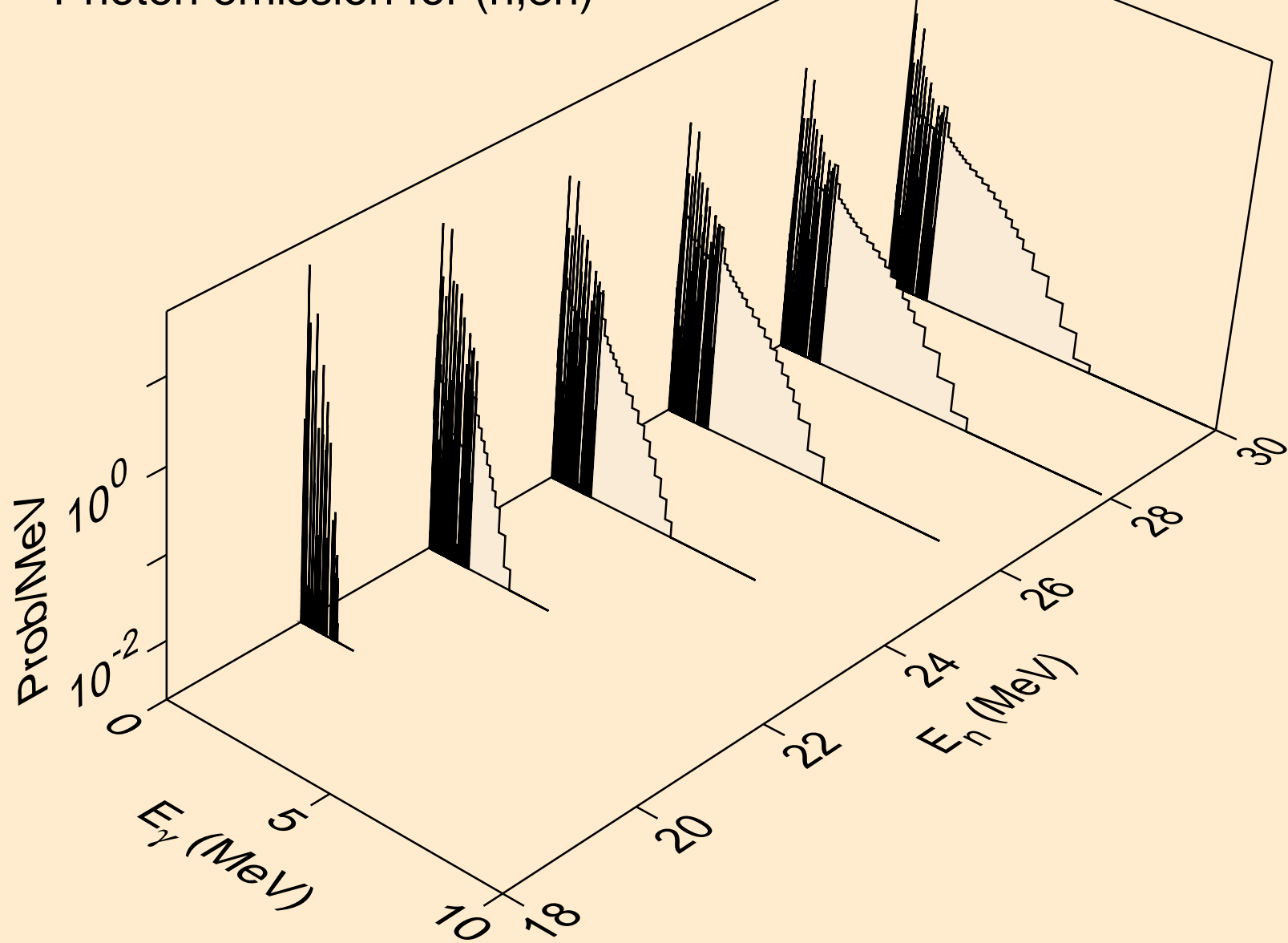


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

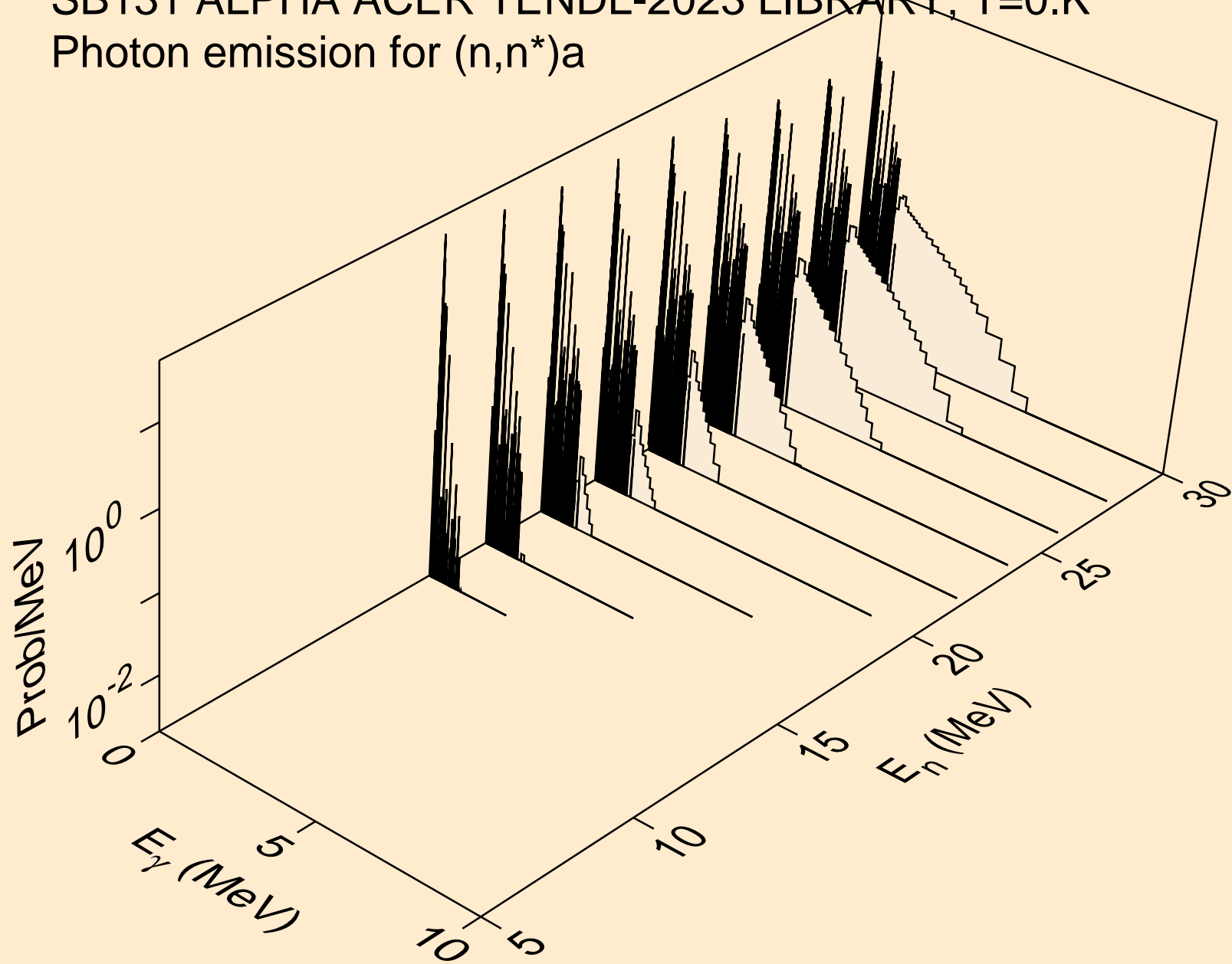




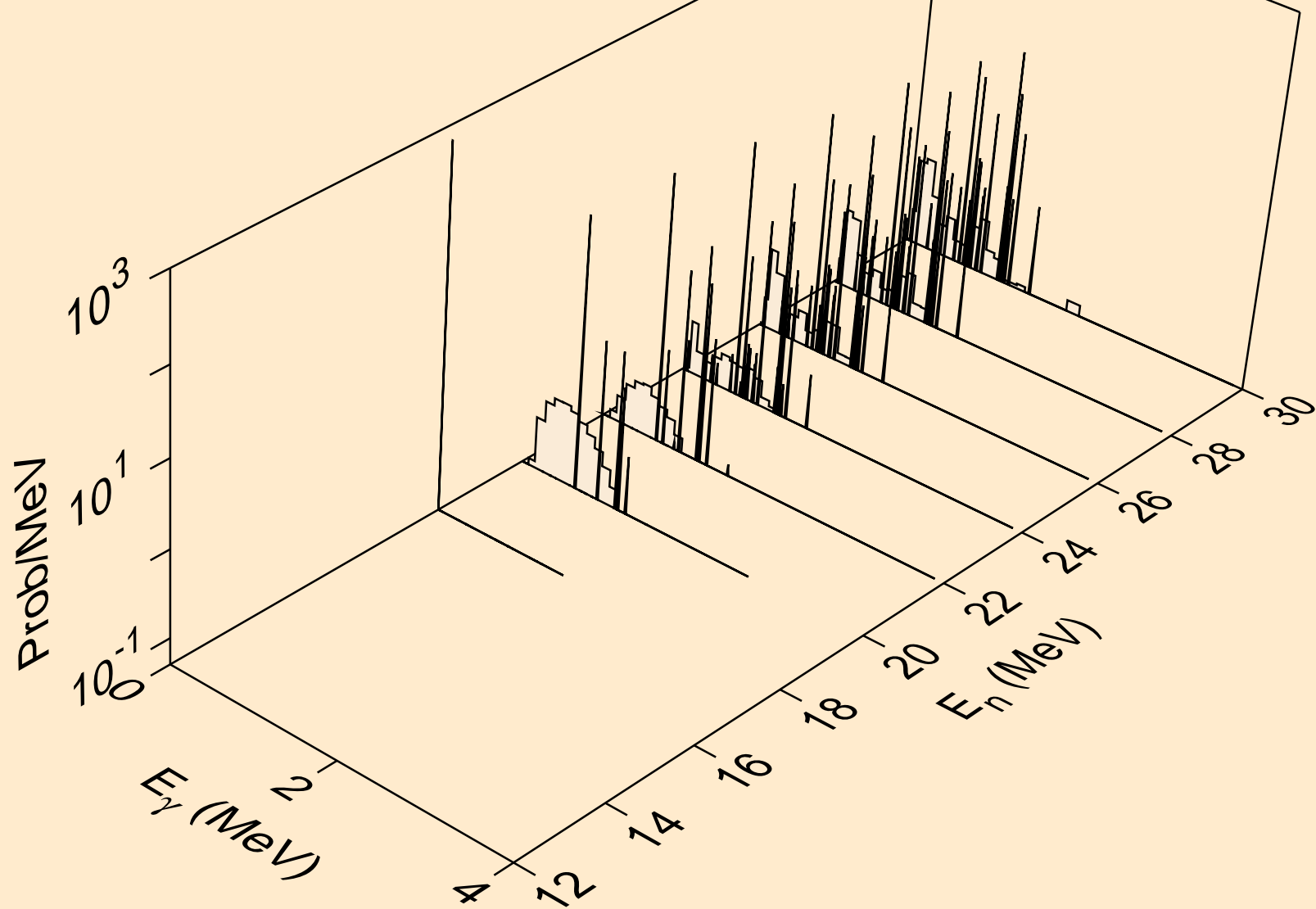
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



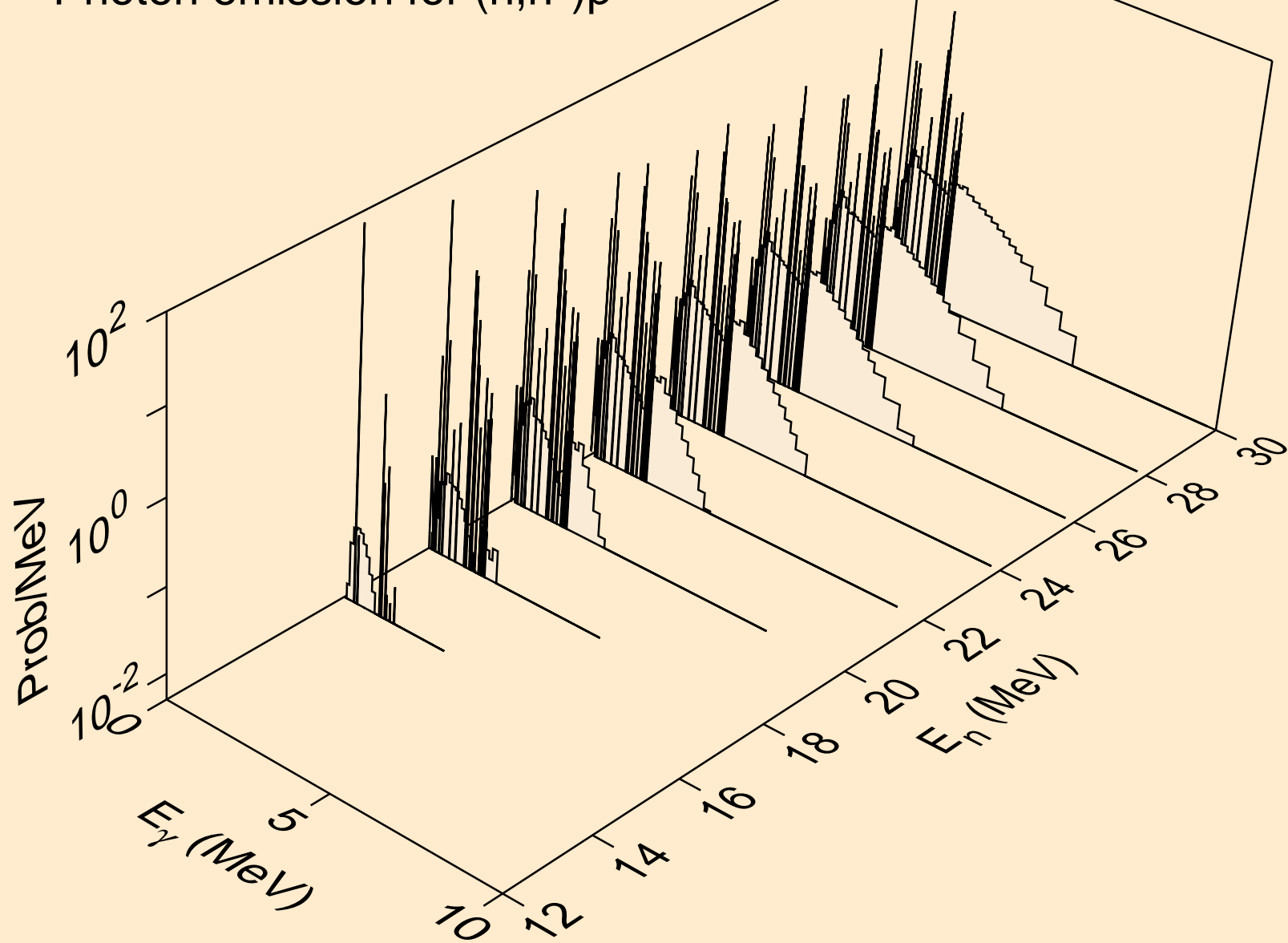
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



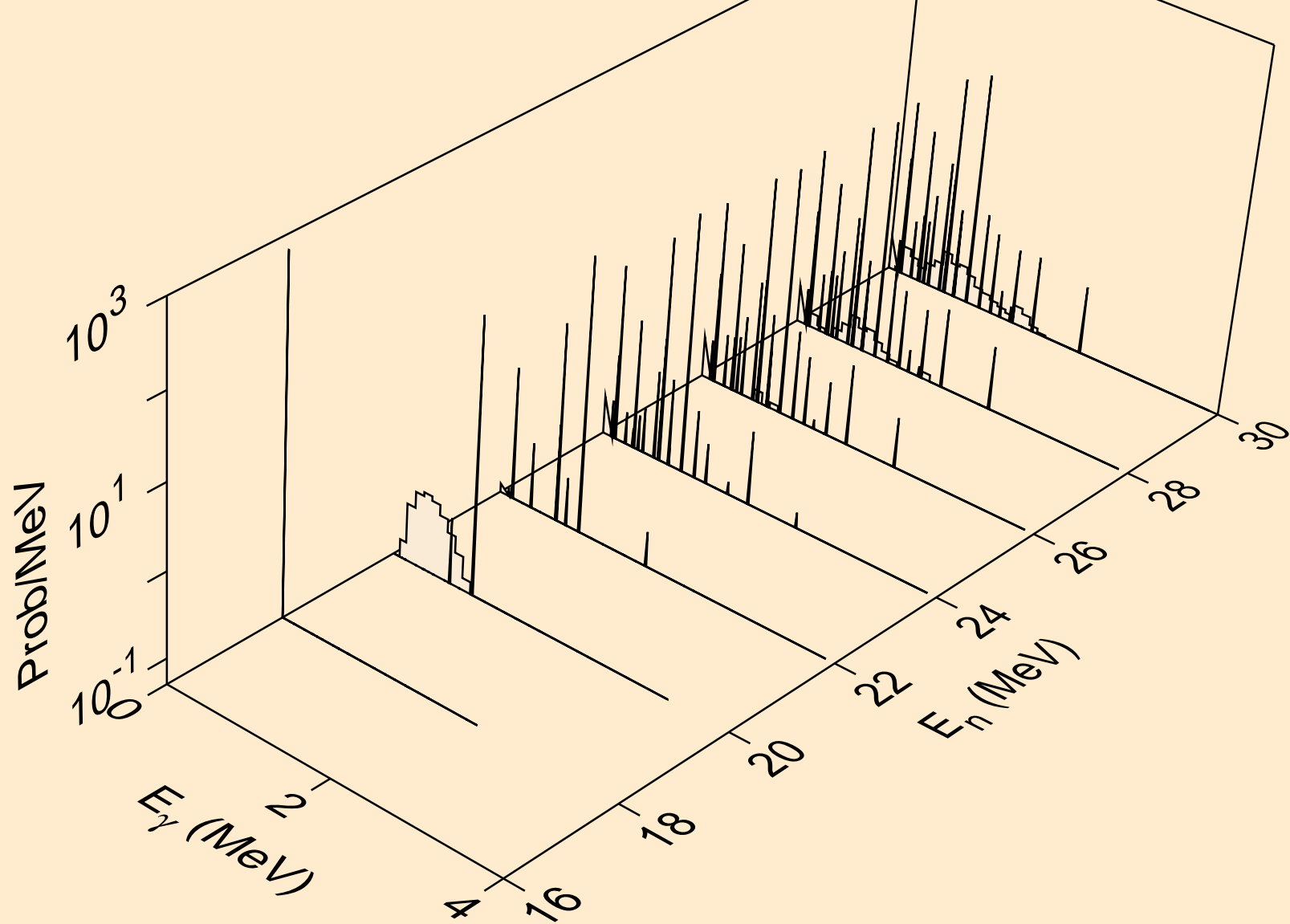
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



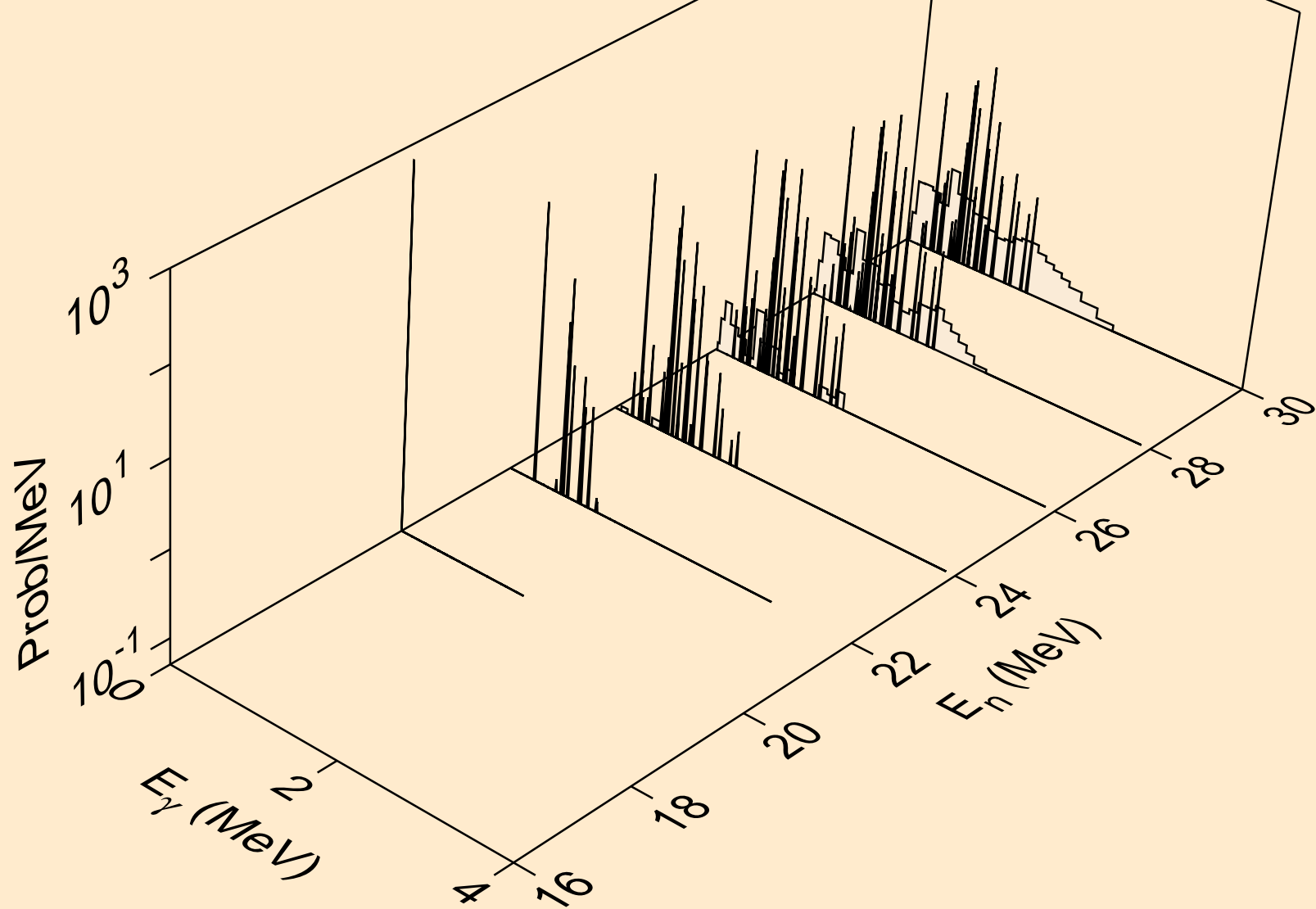
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



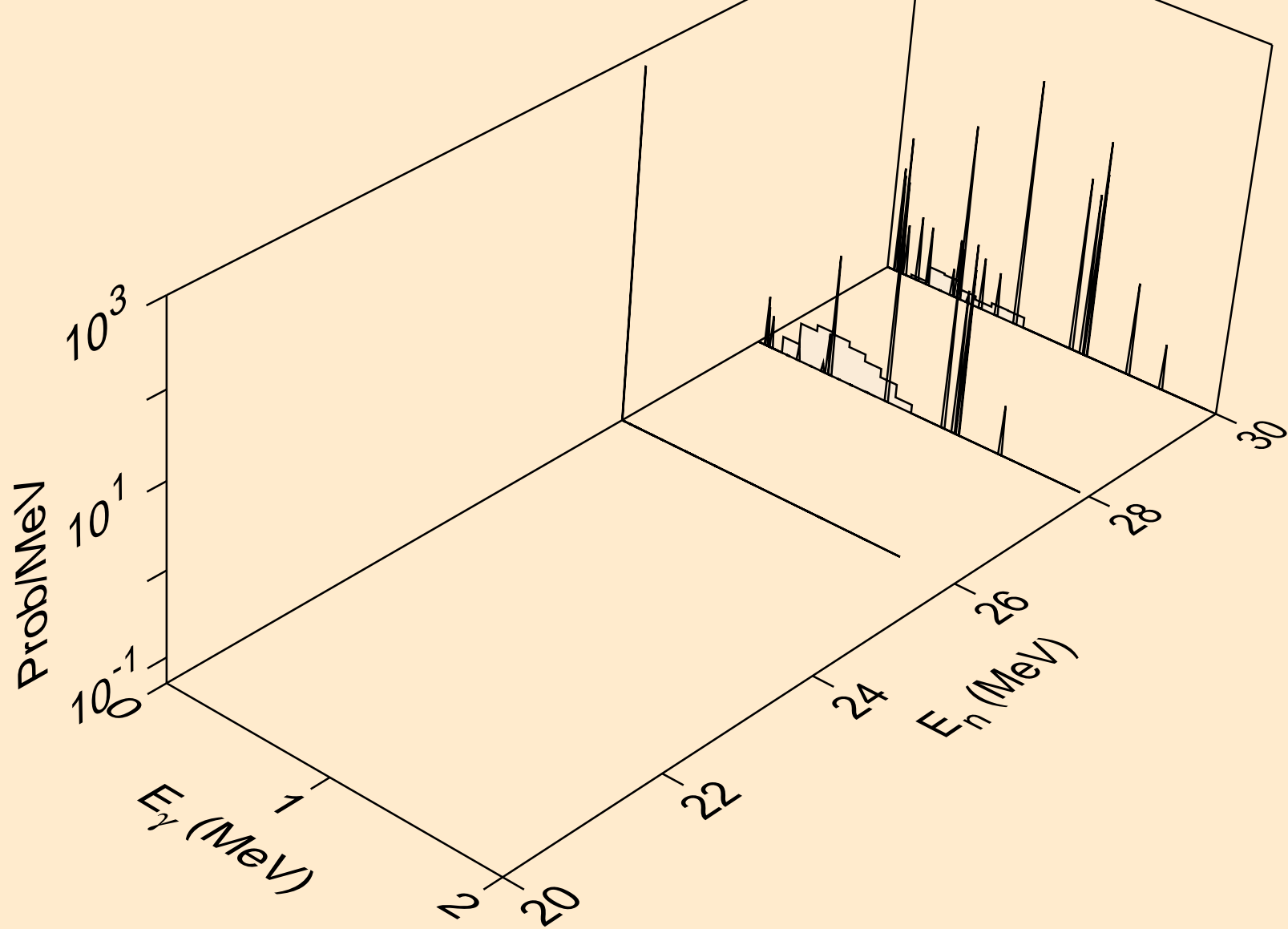
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



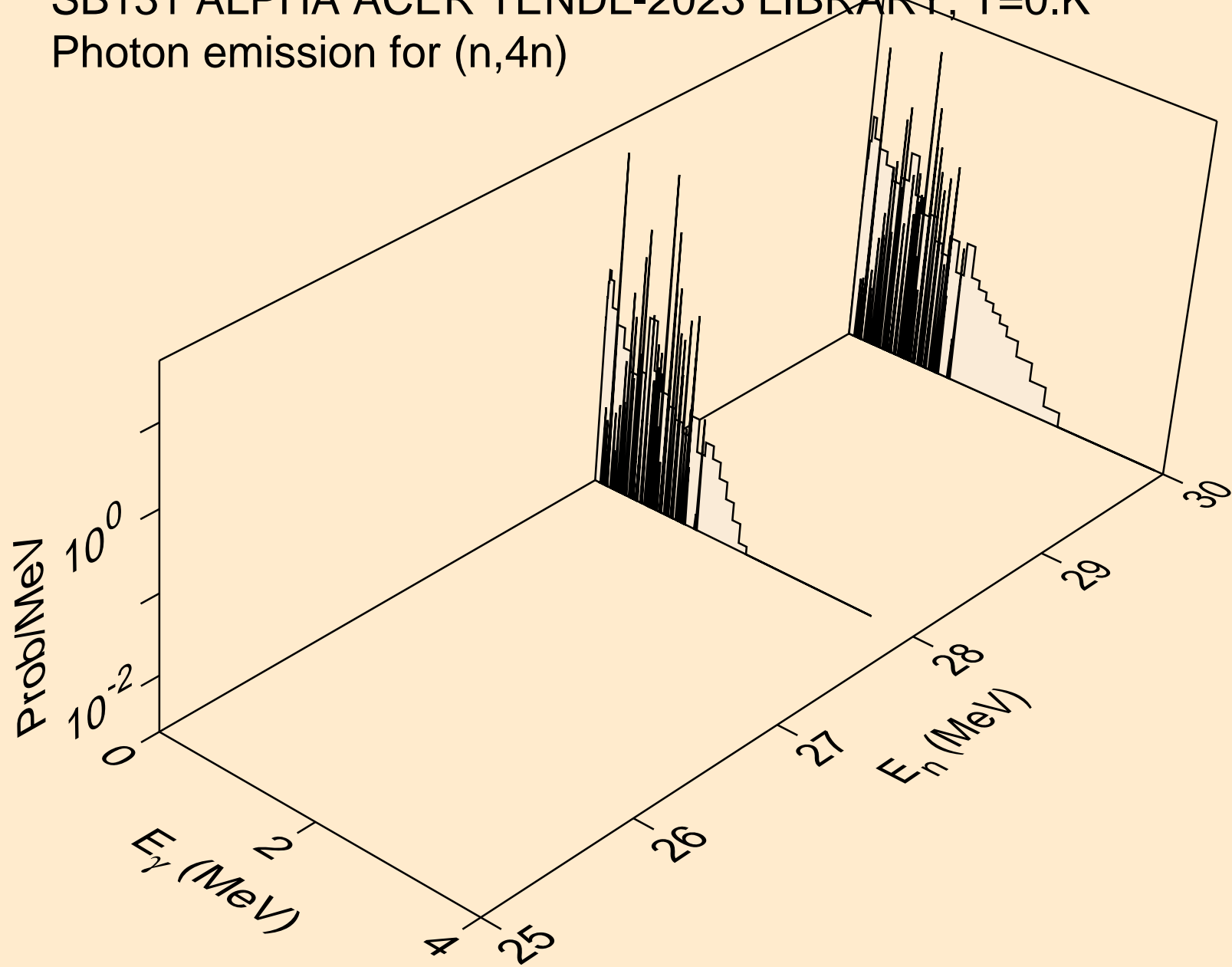
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

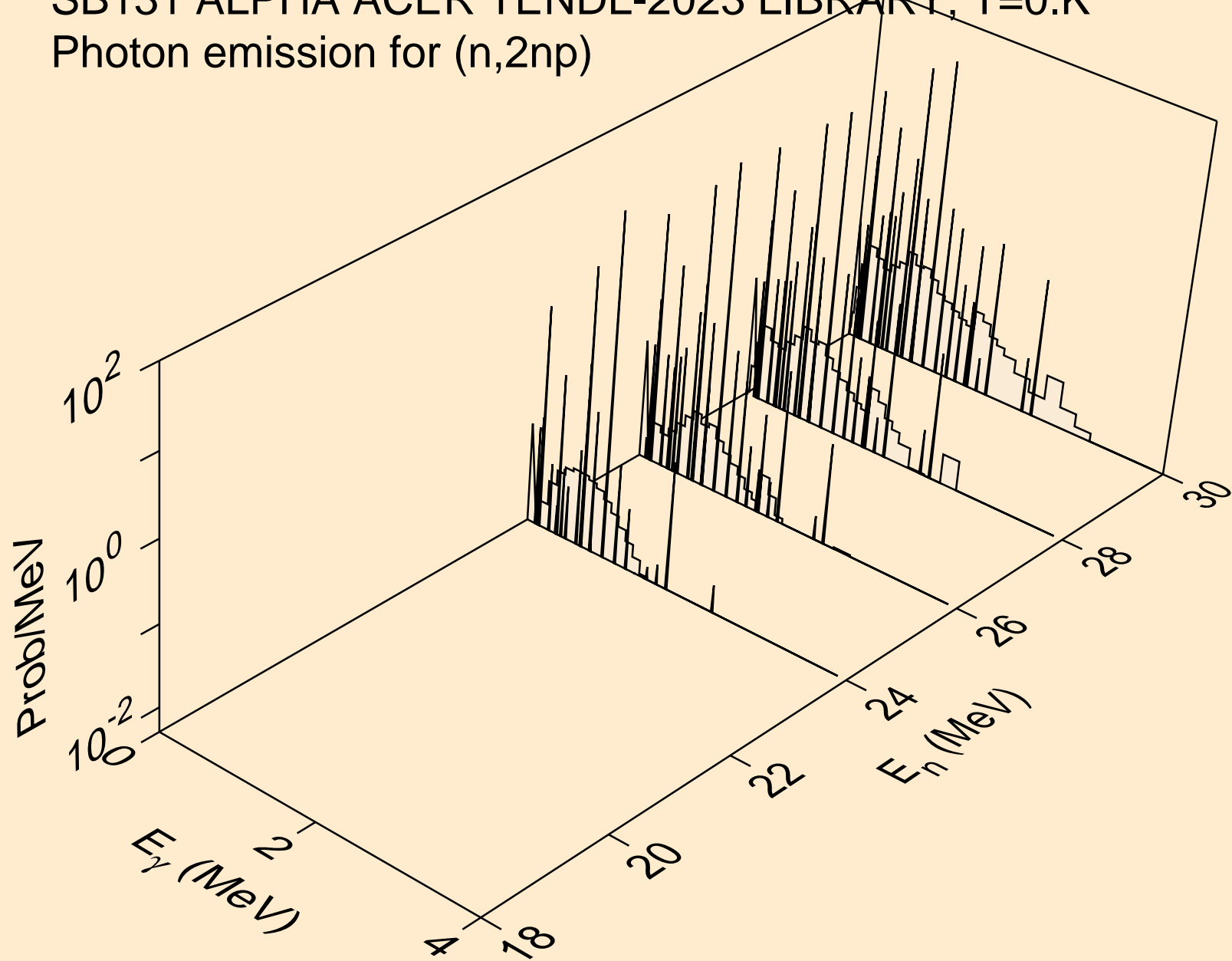


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

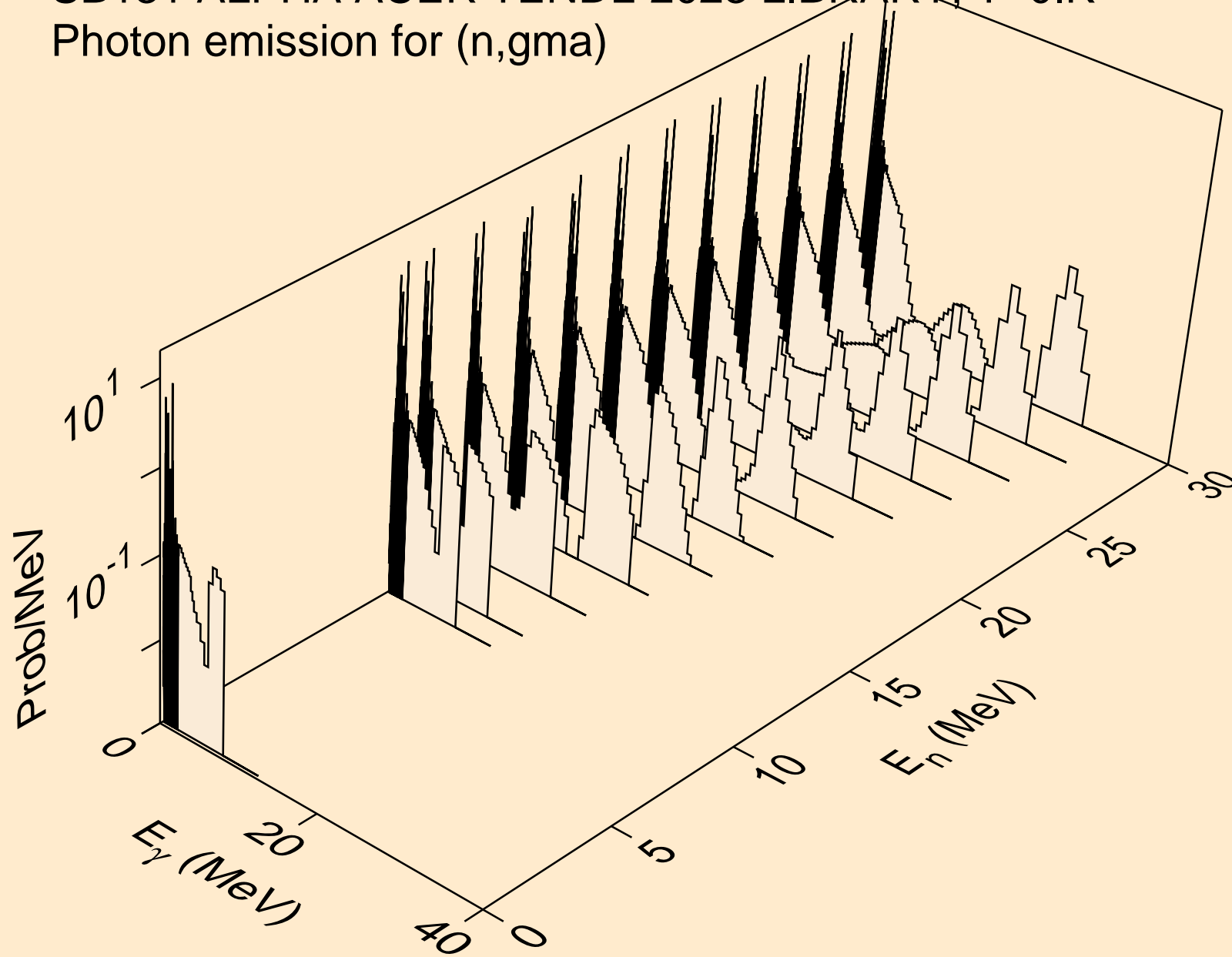




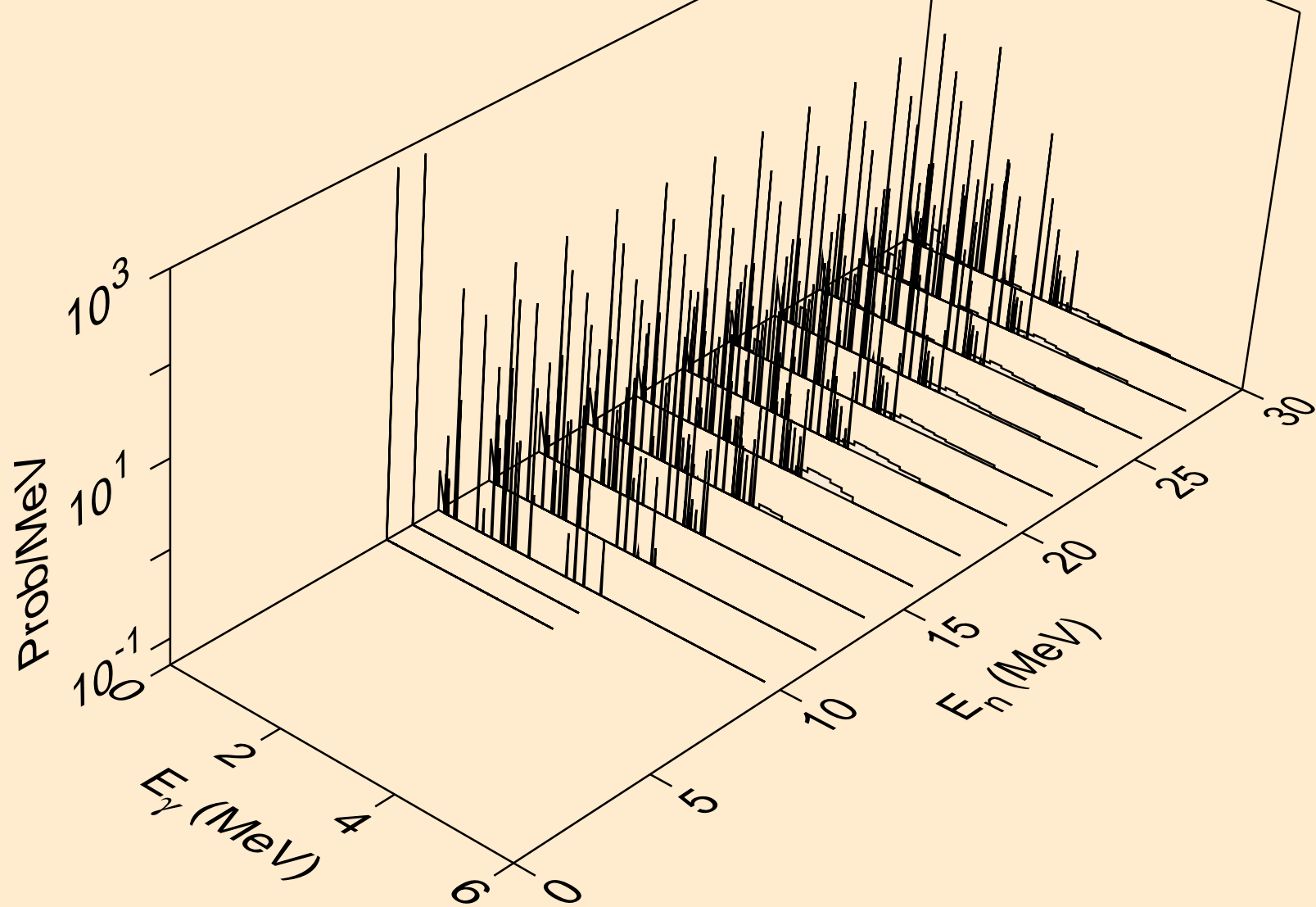
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



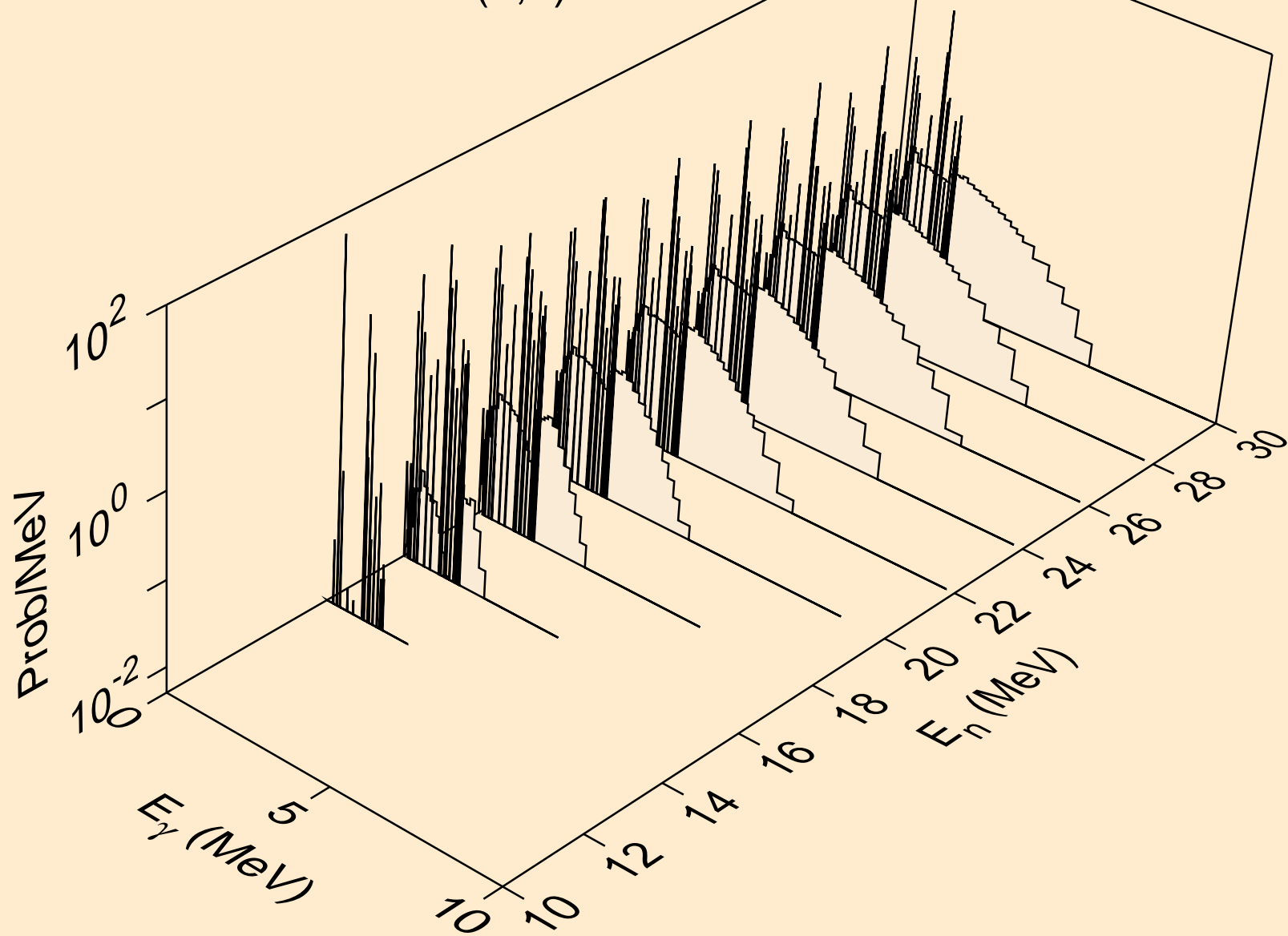
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



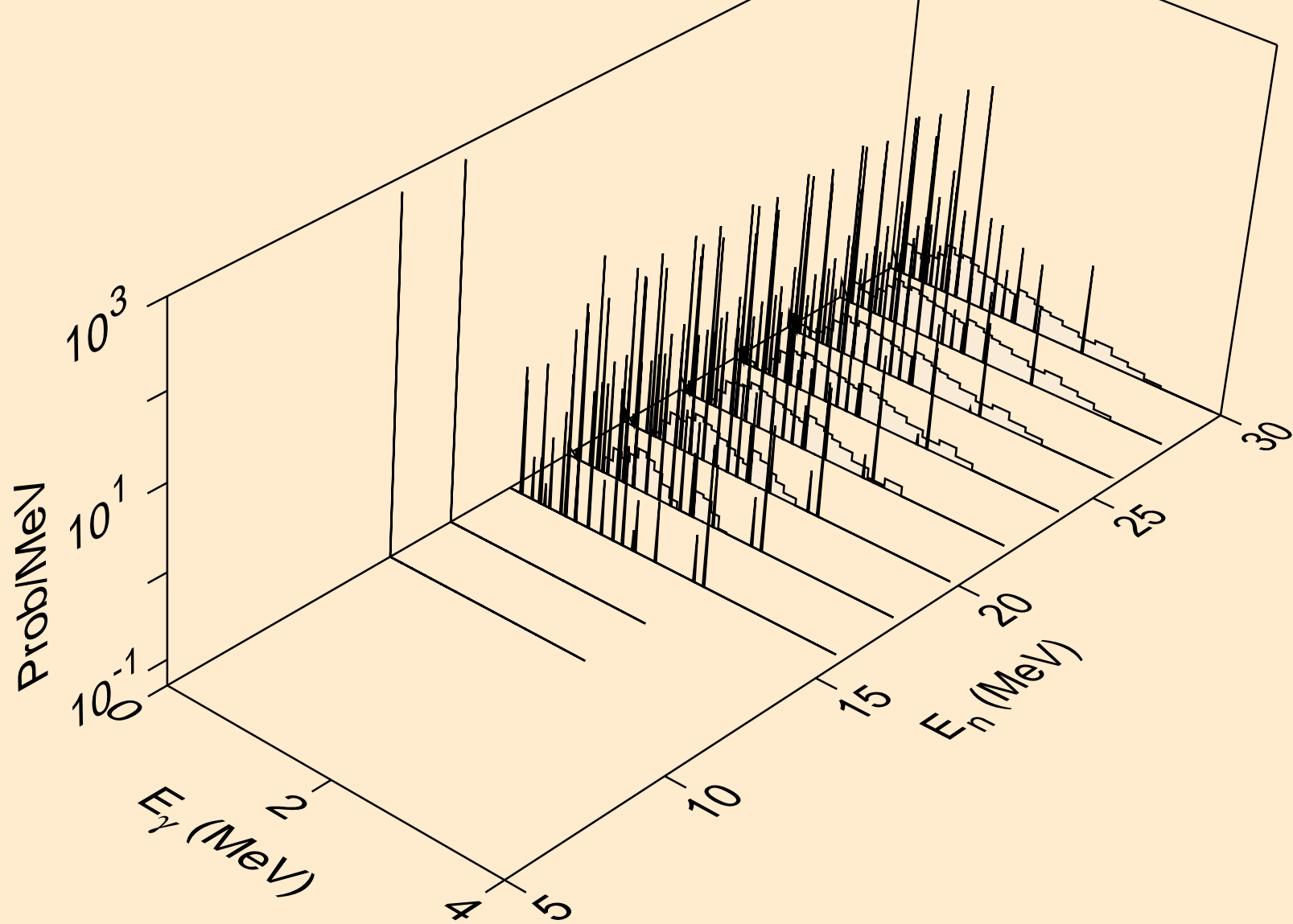
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



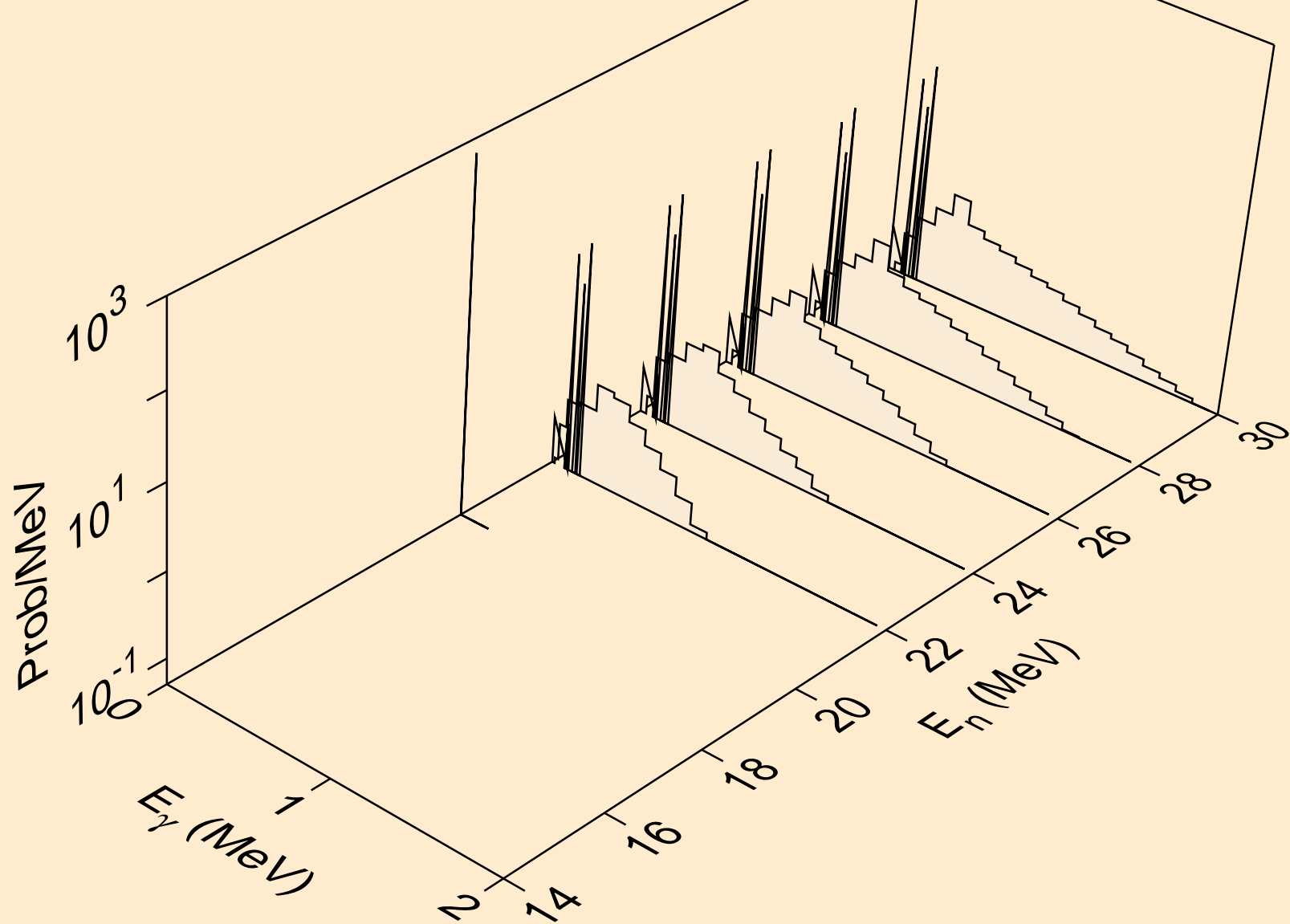
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



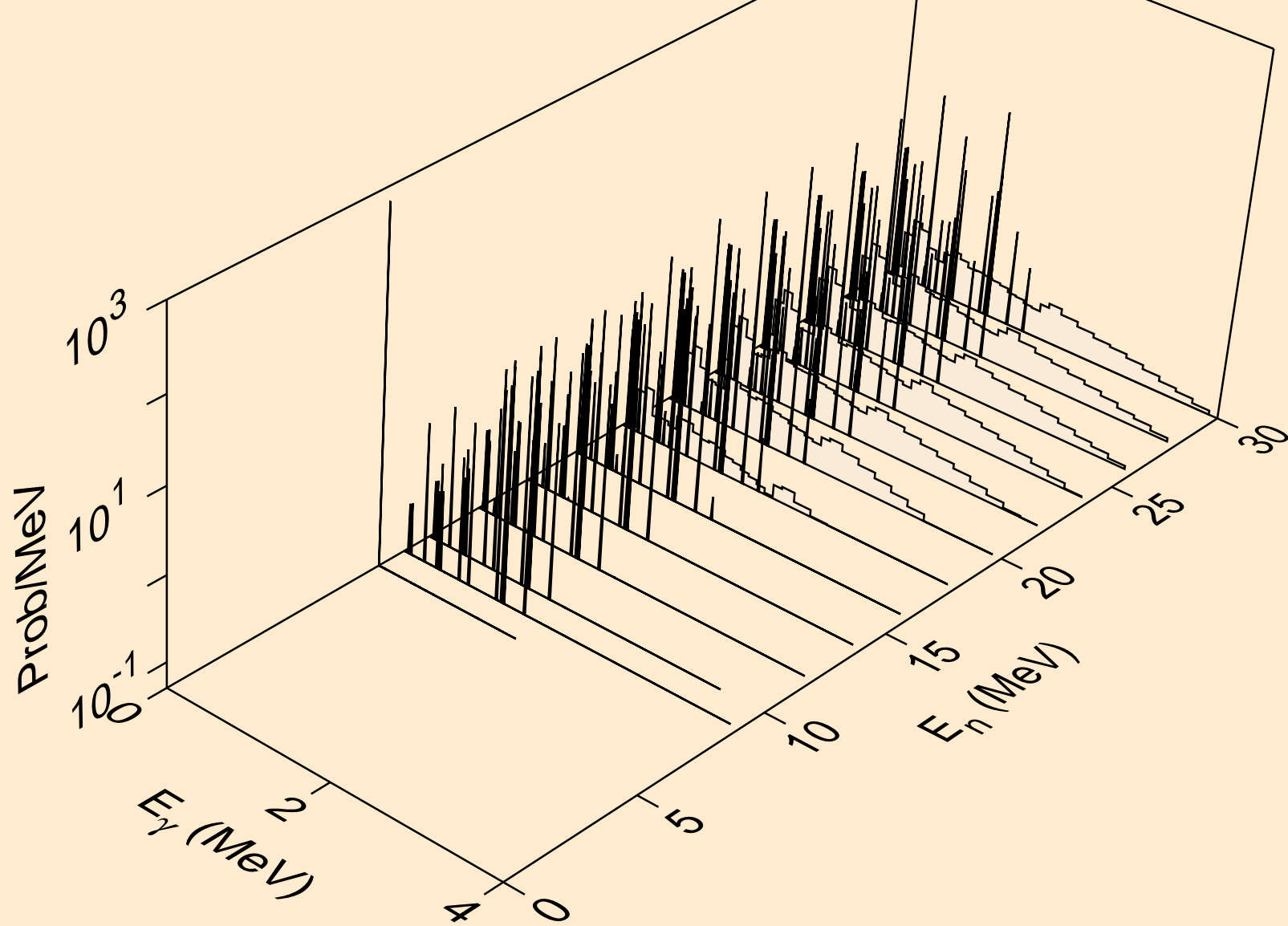
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



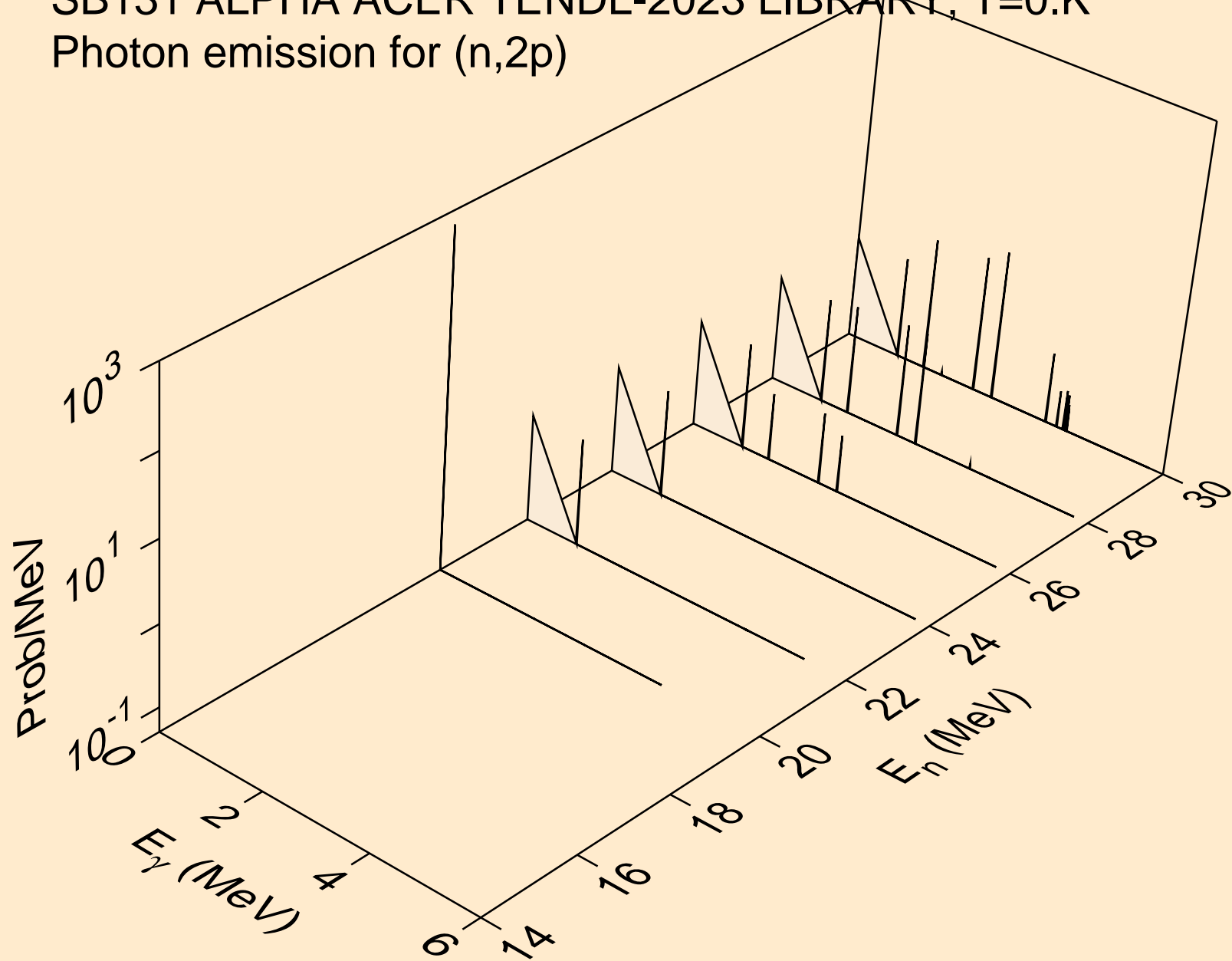
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

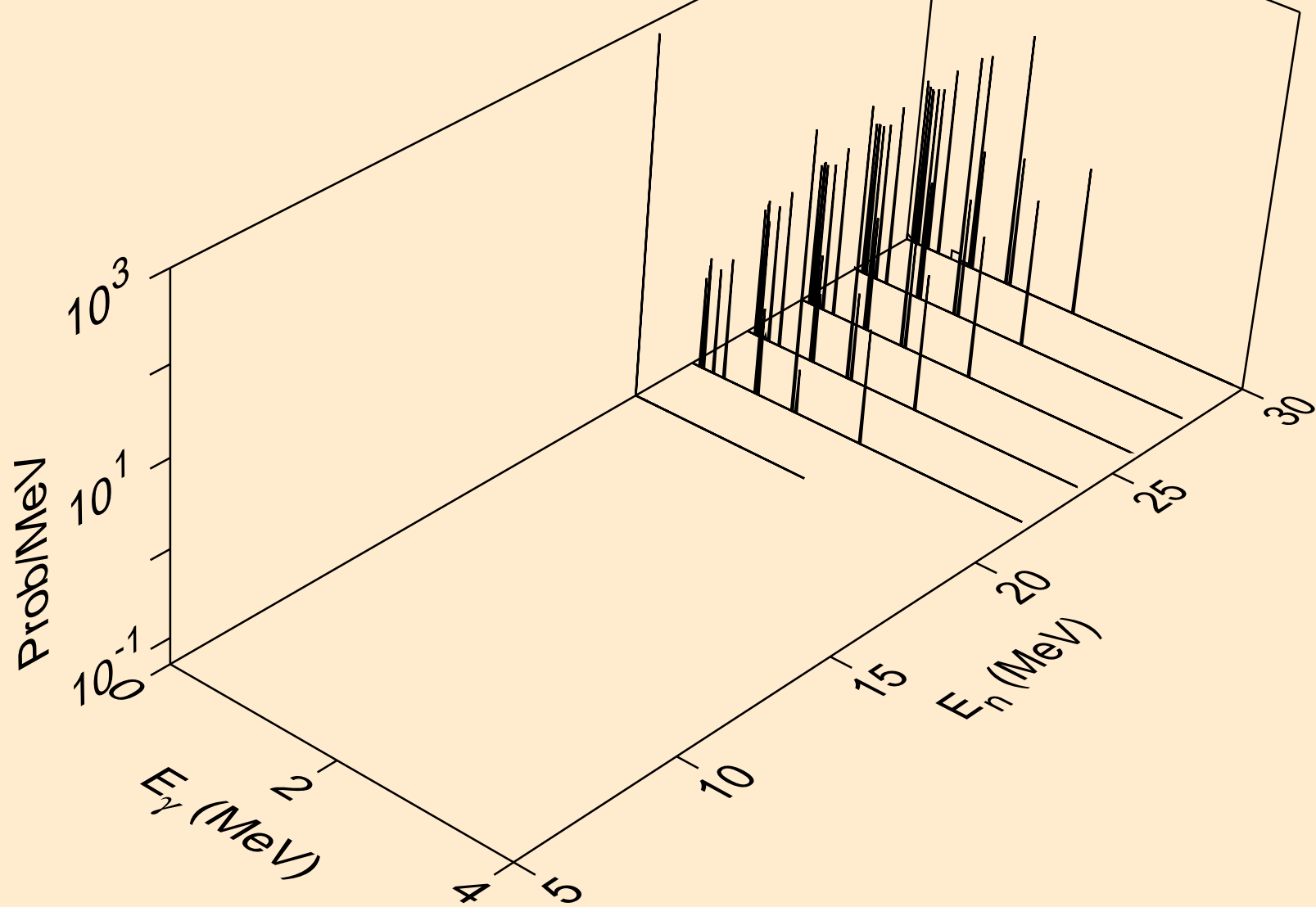


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



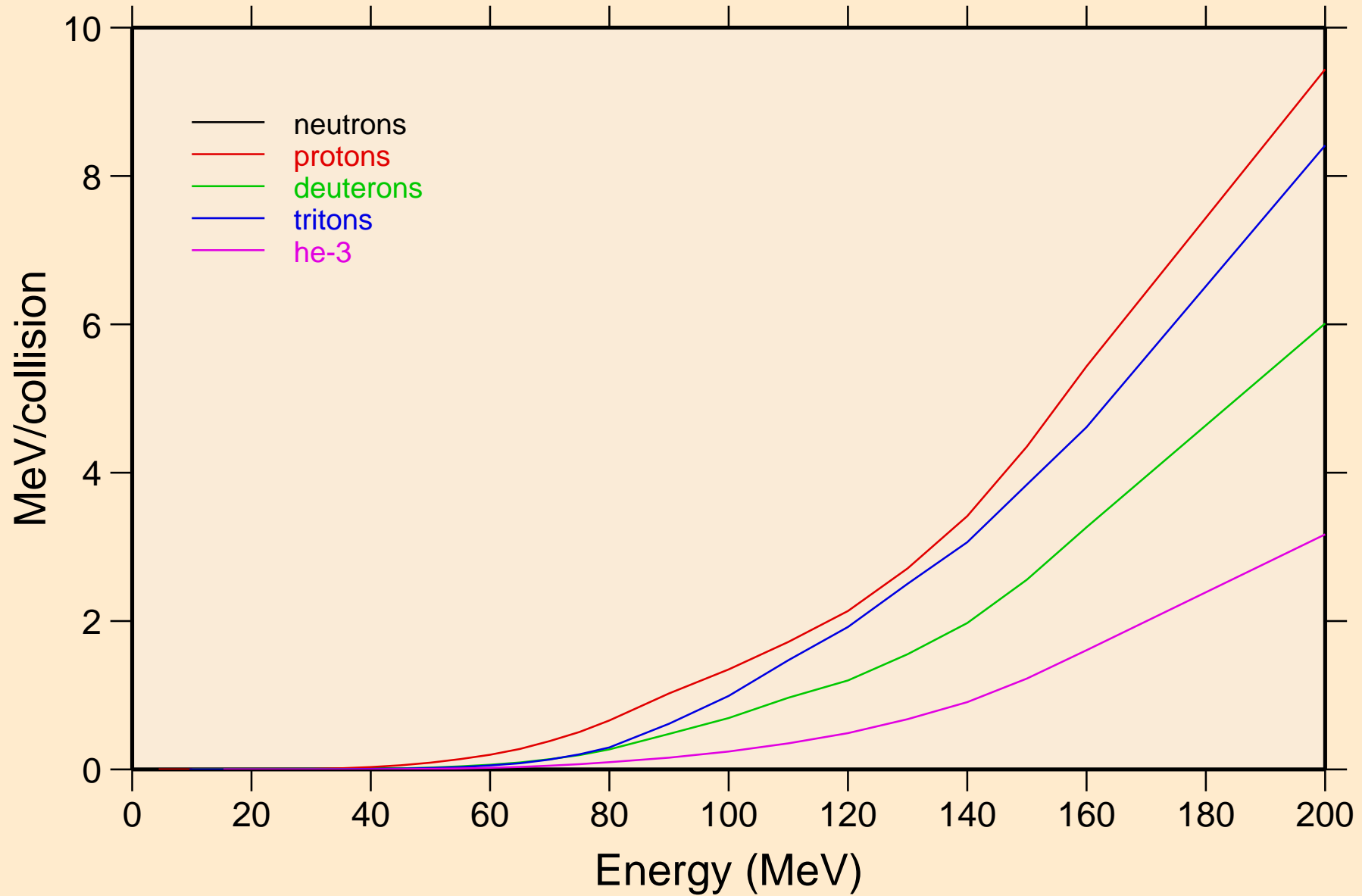


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



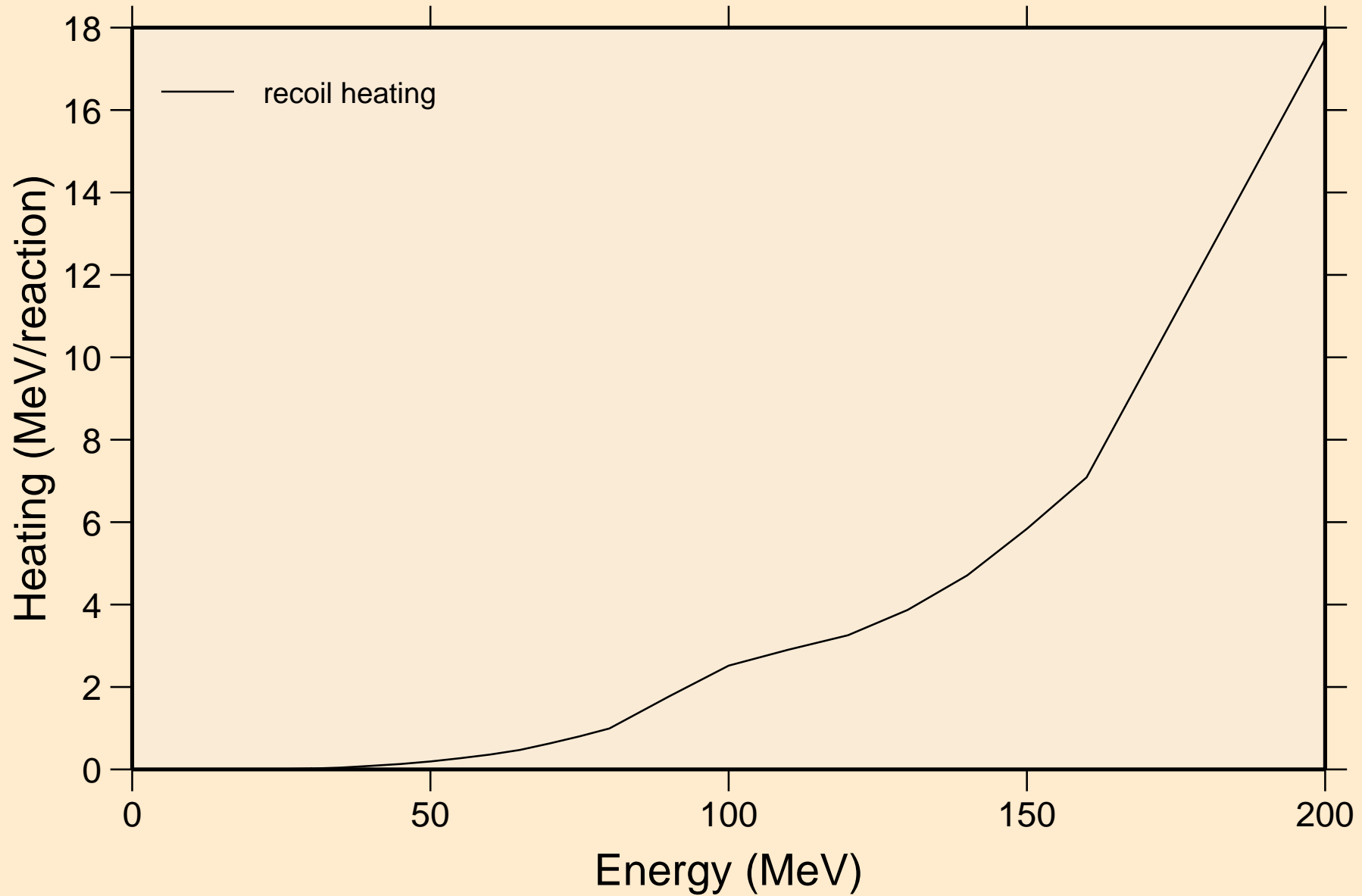
# SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



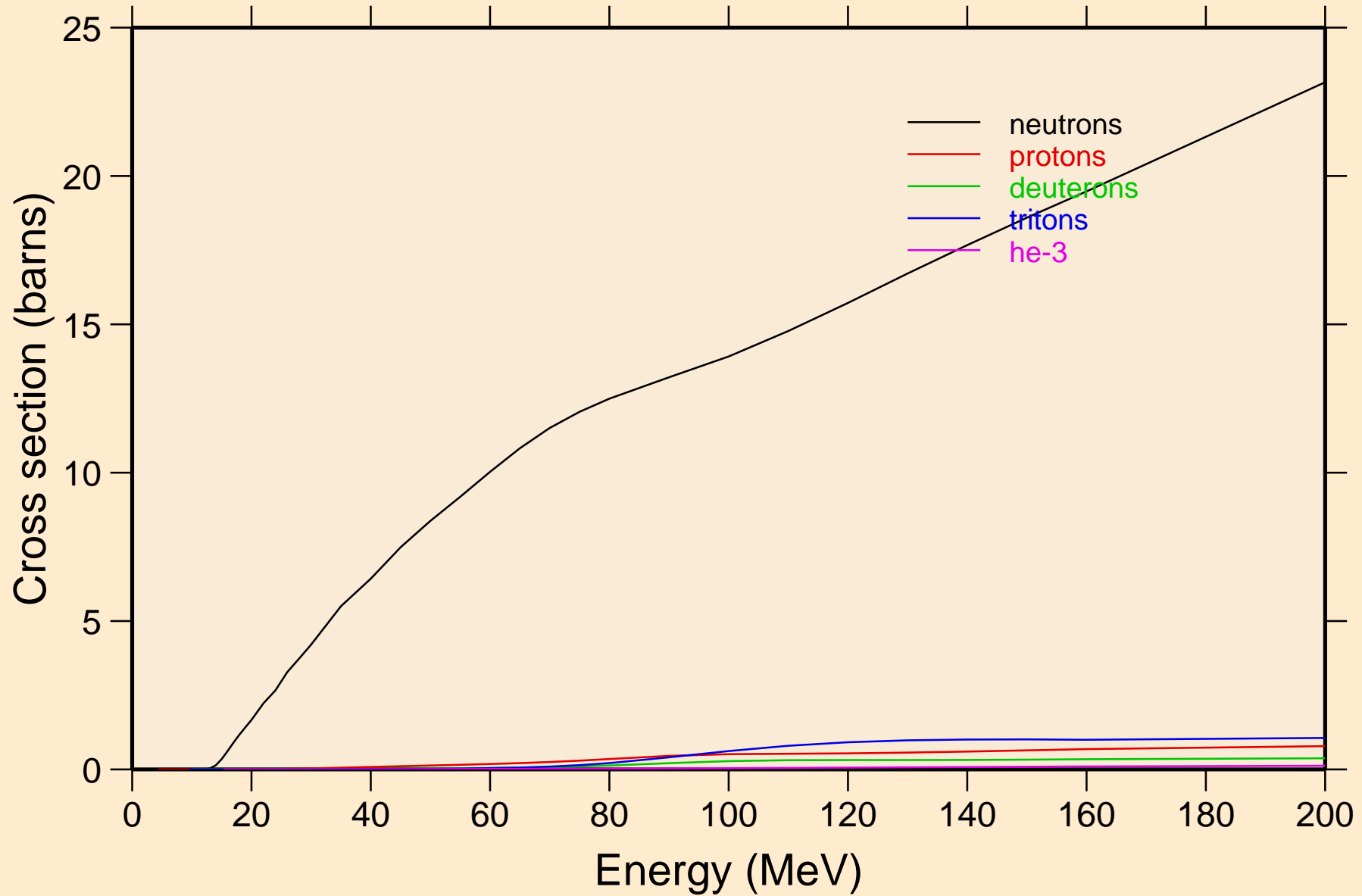
# SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

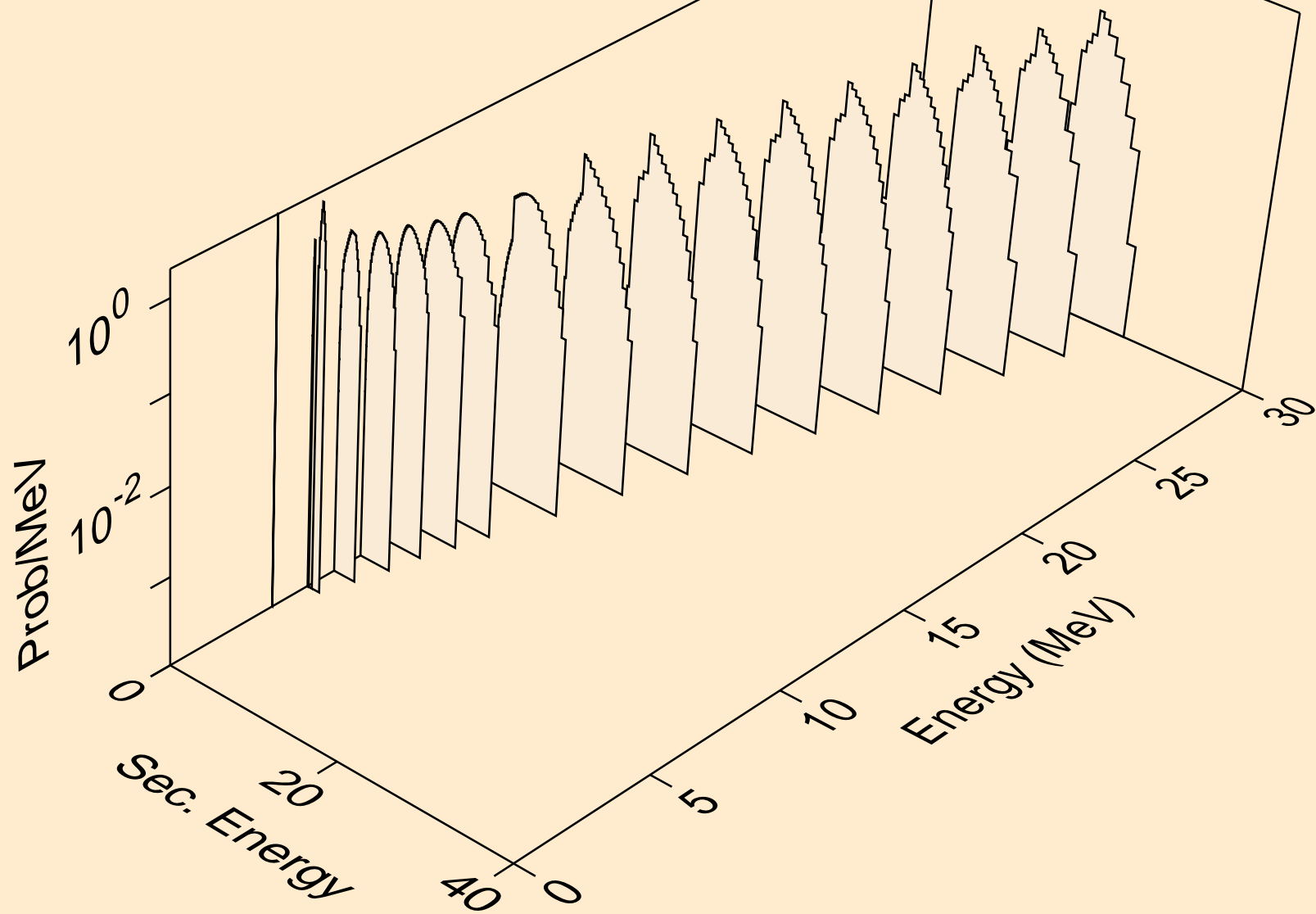


# SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

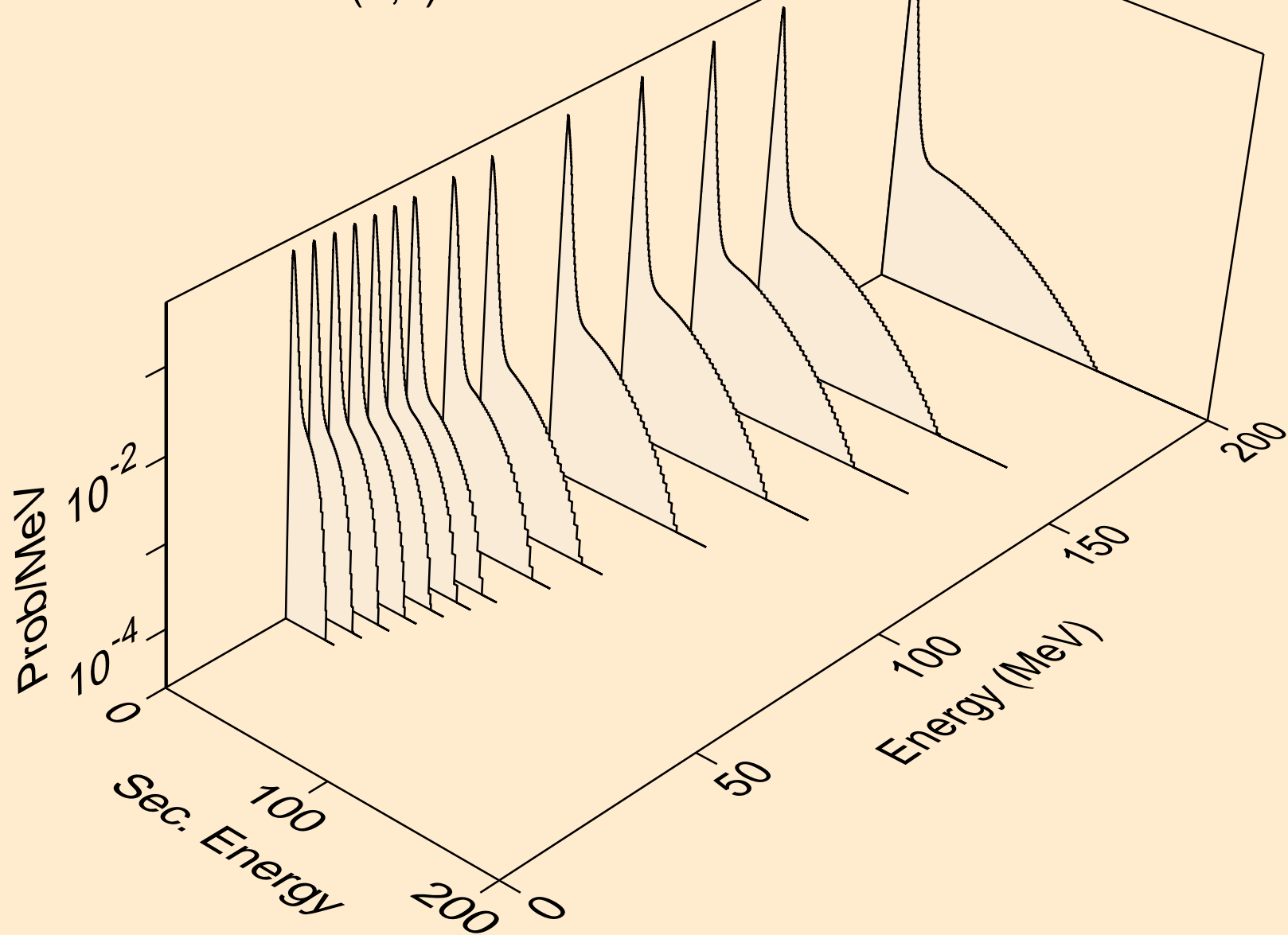
## Particle production cross sections



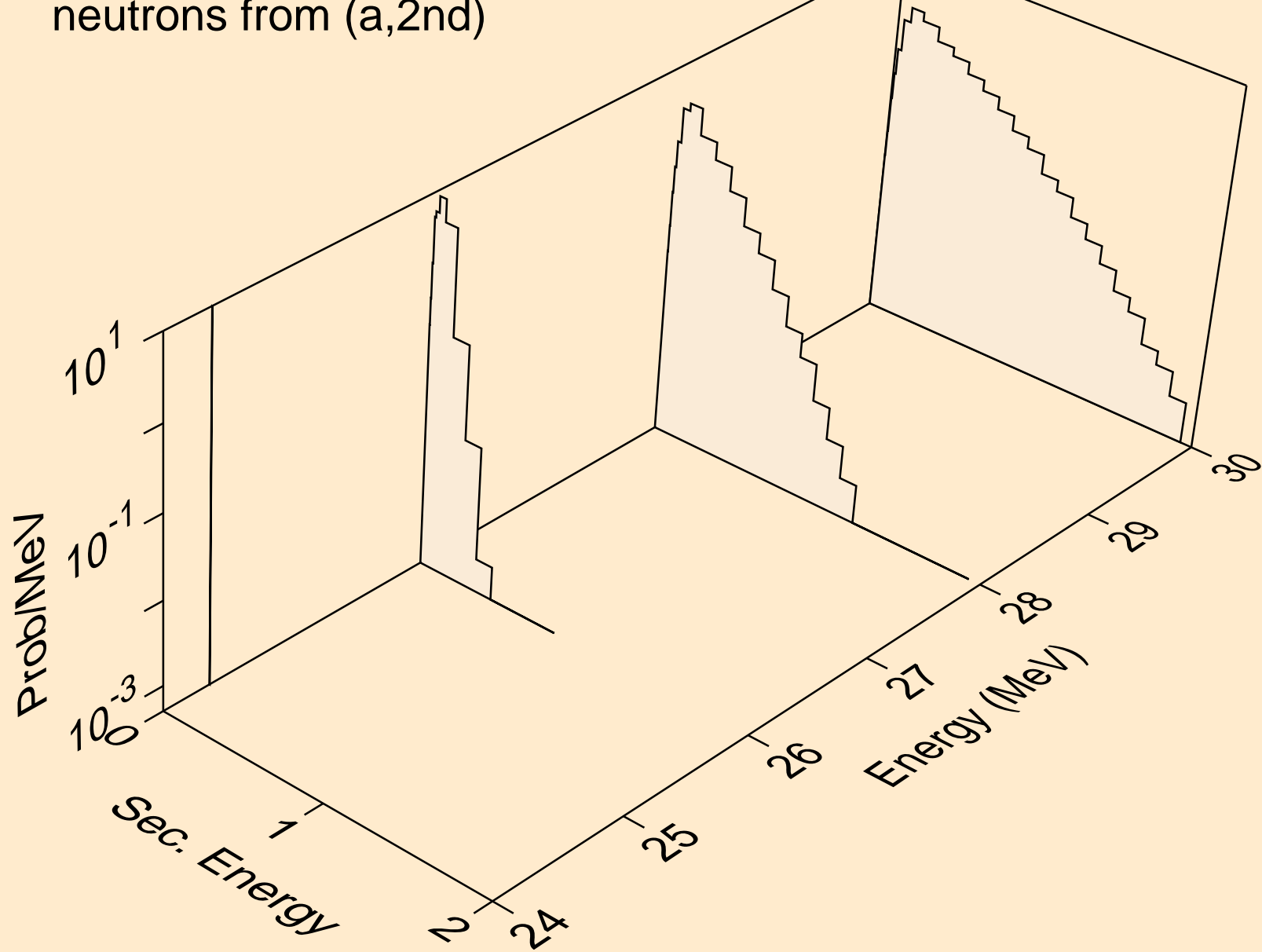
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



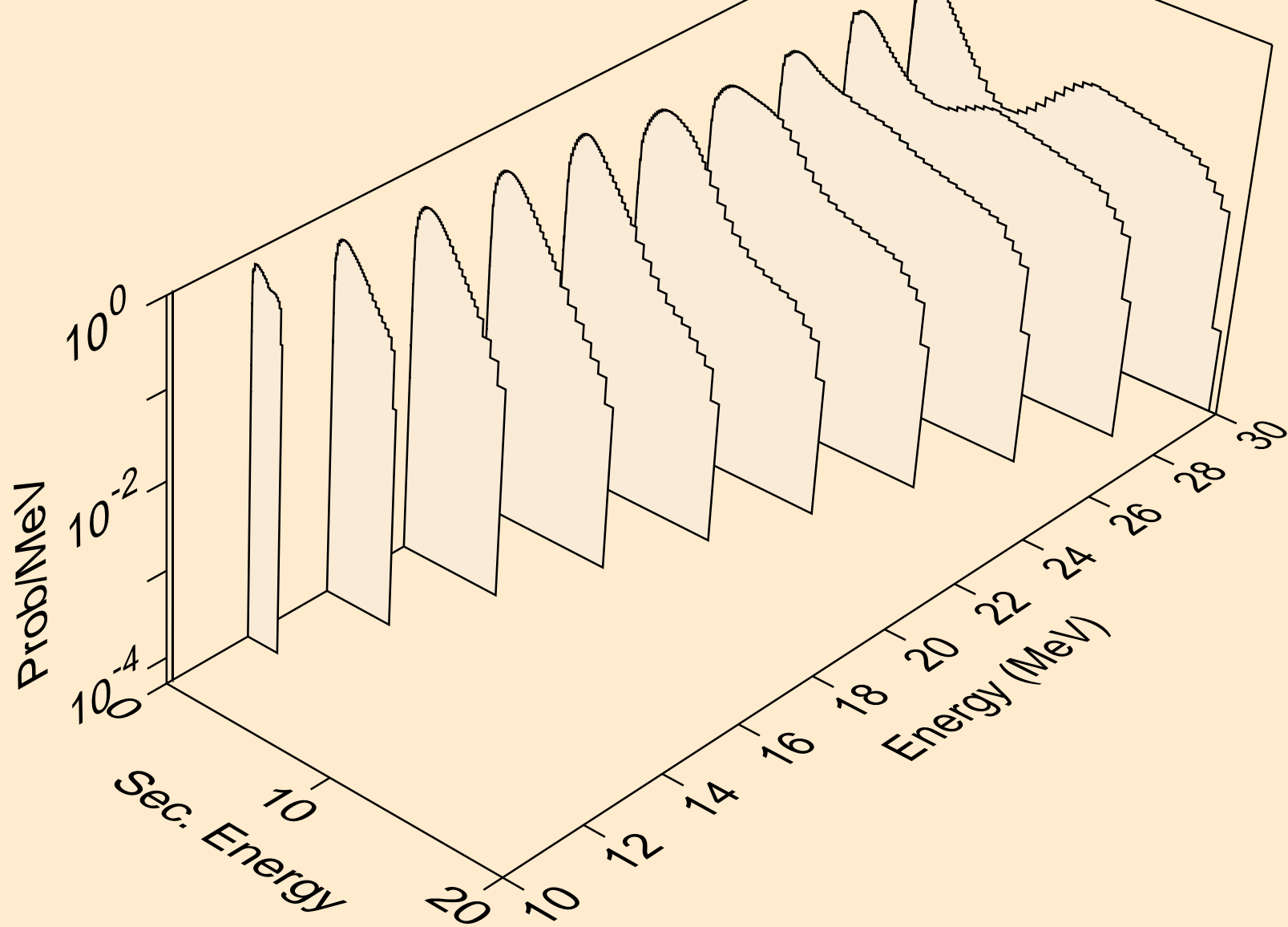
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)

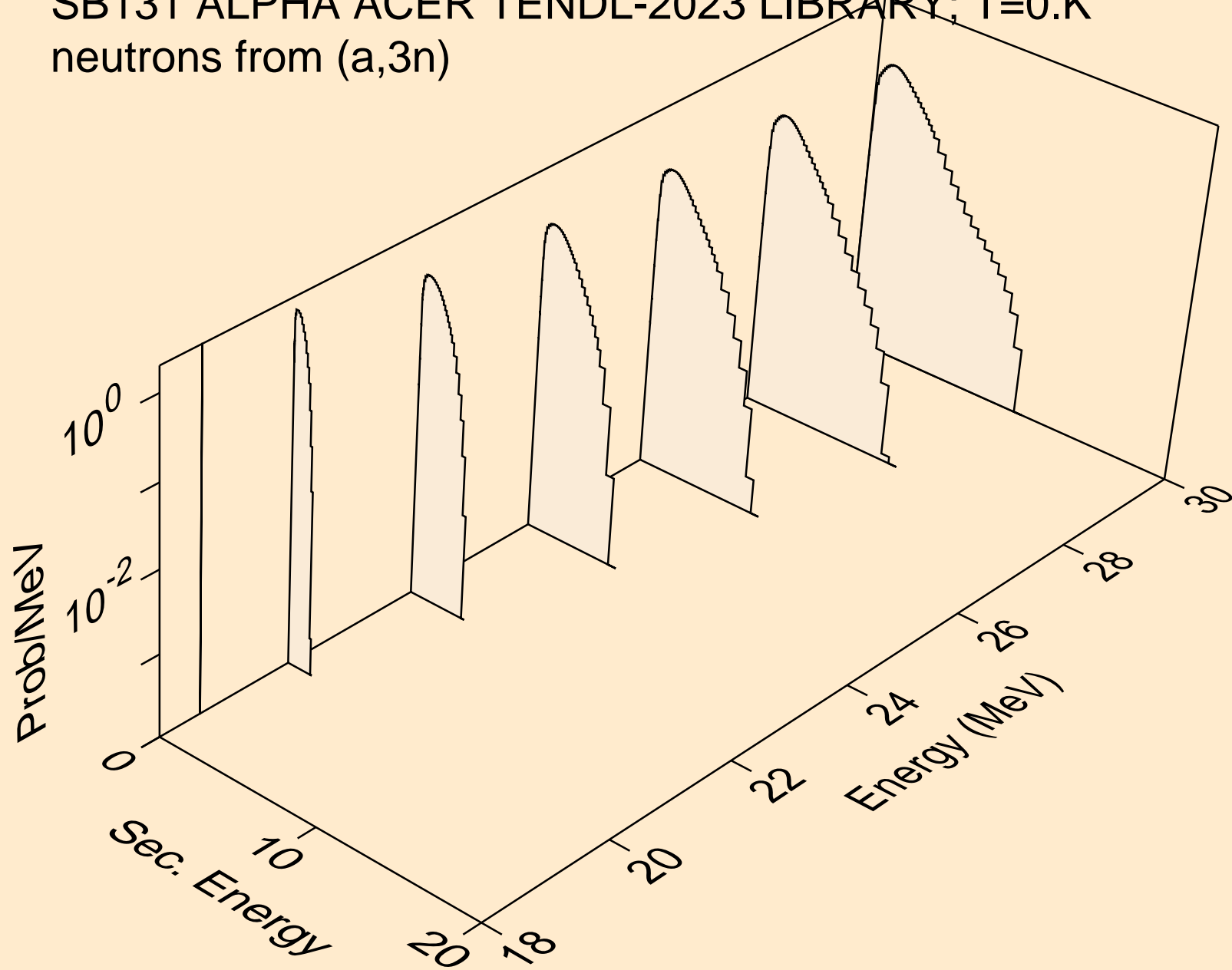


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

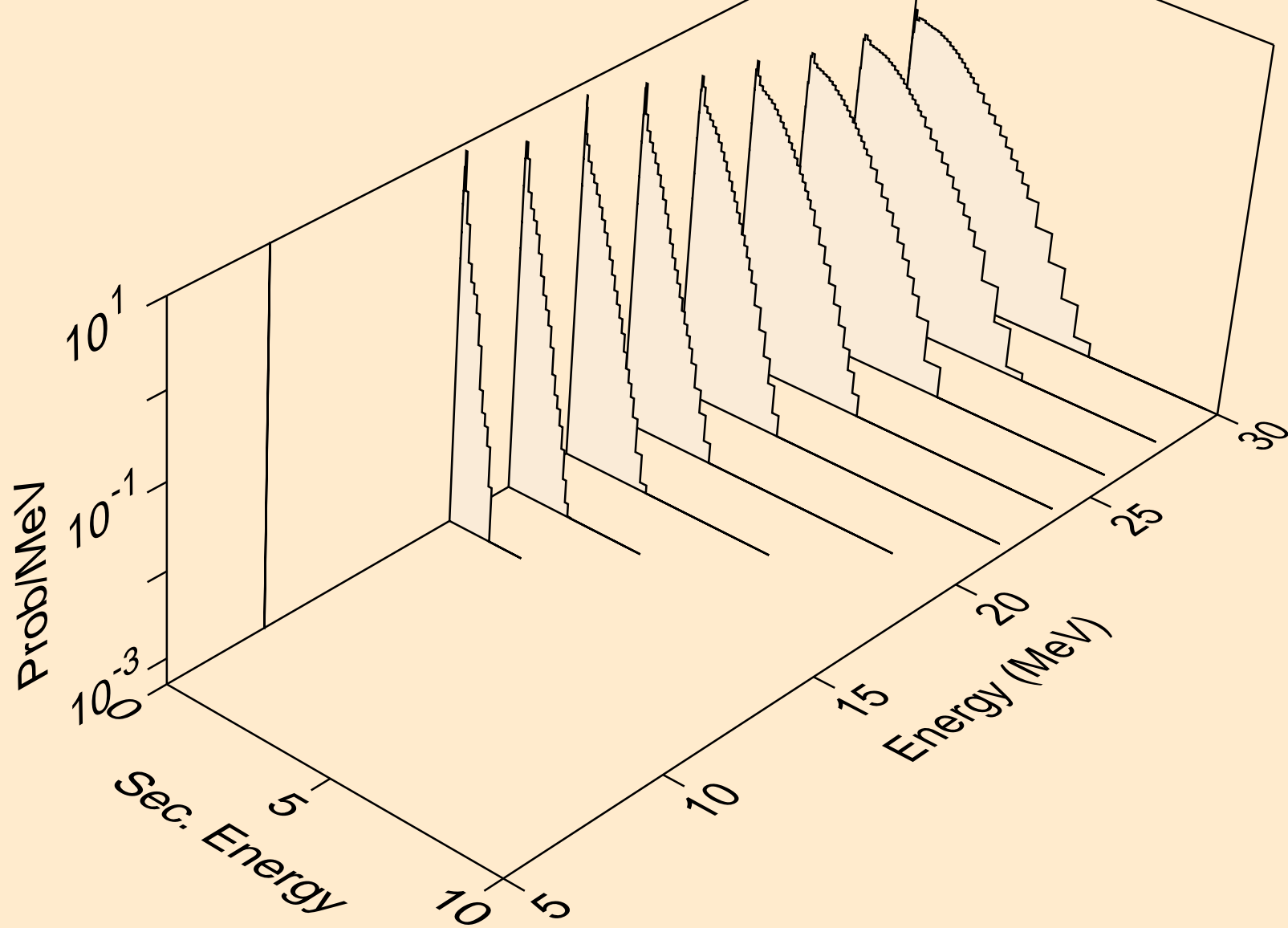




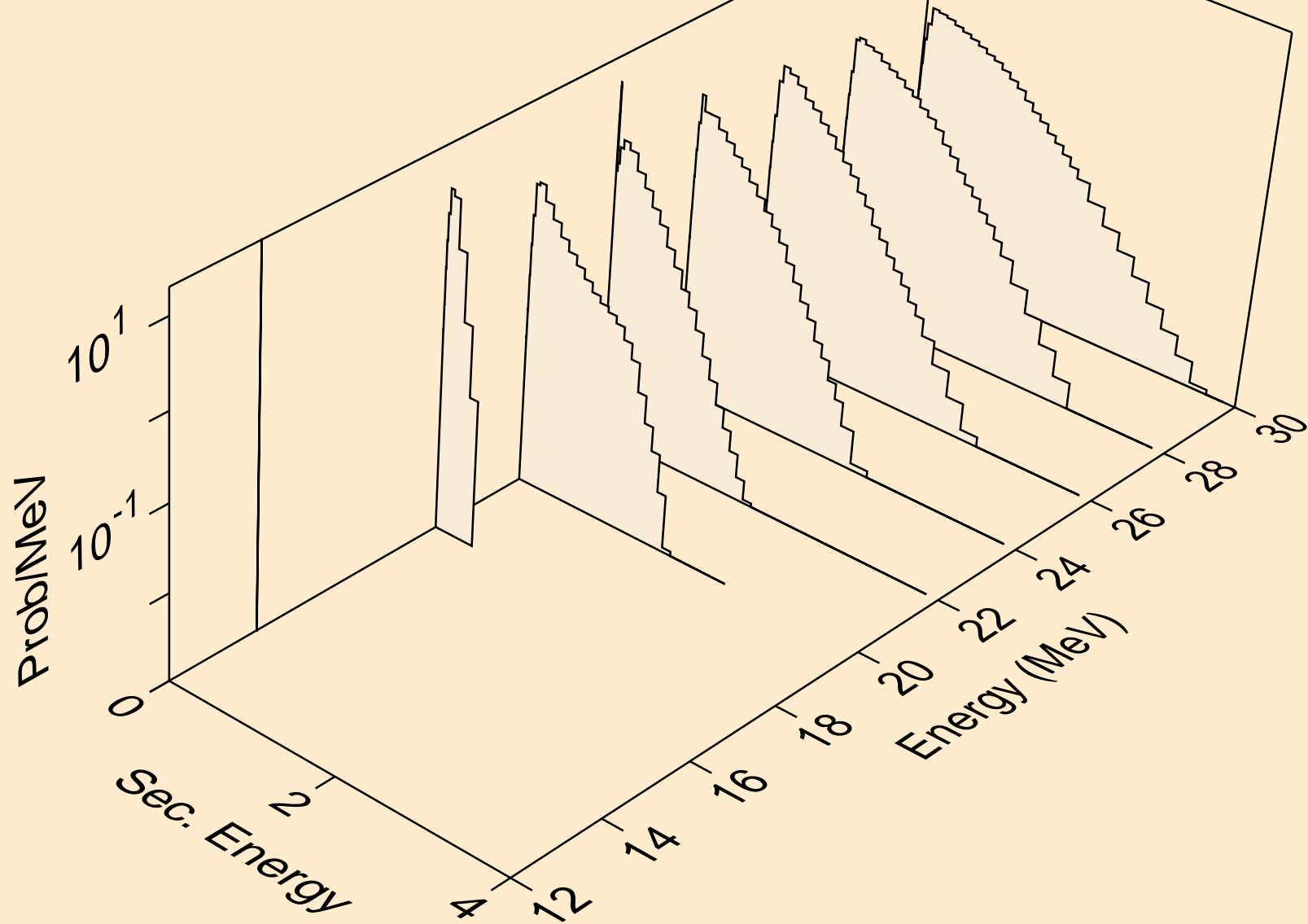
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



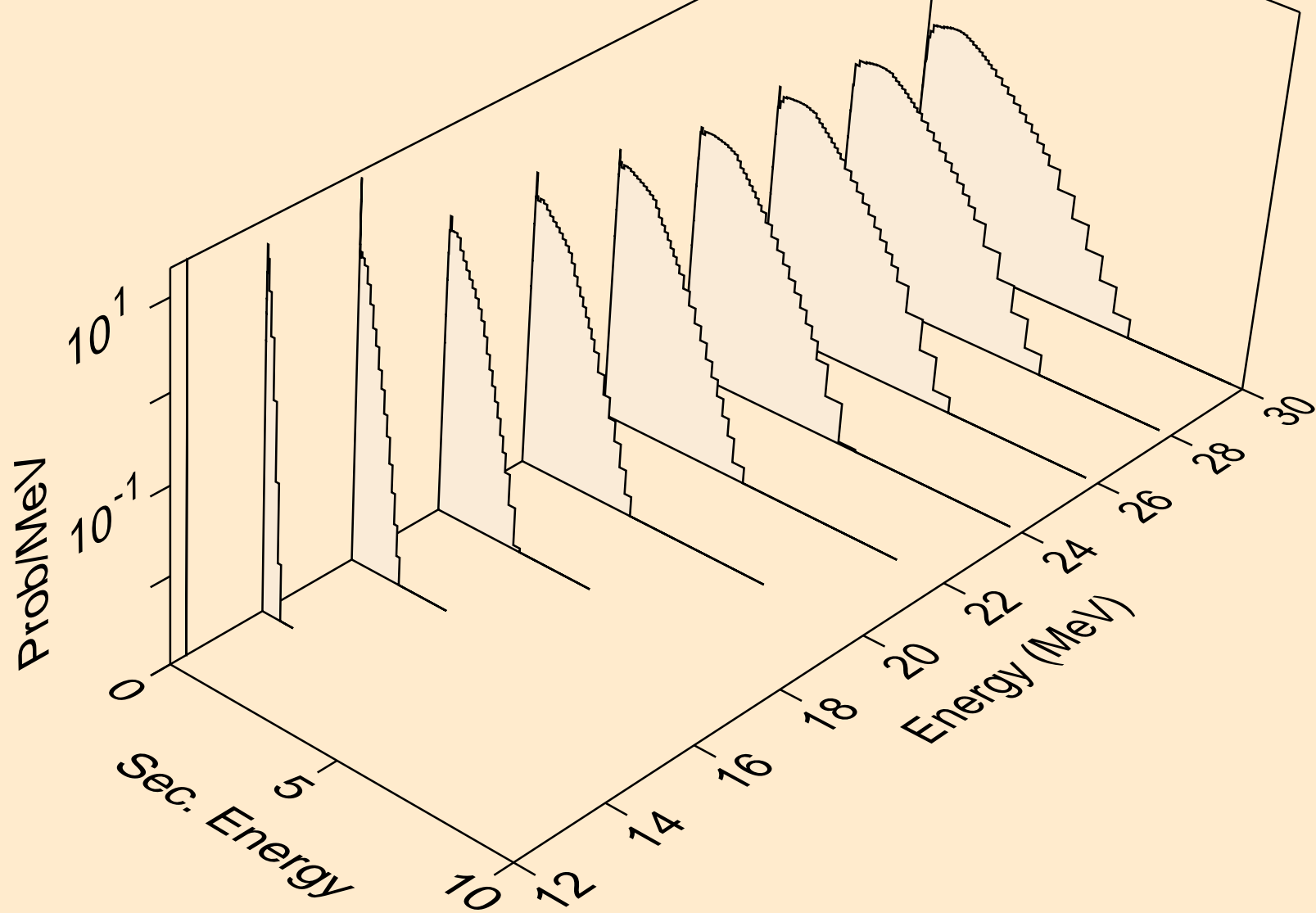
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



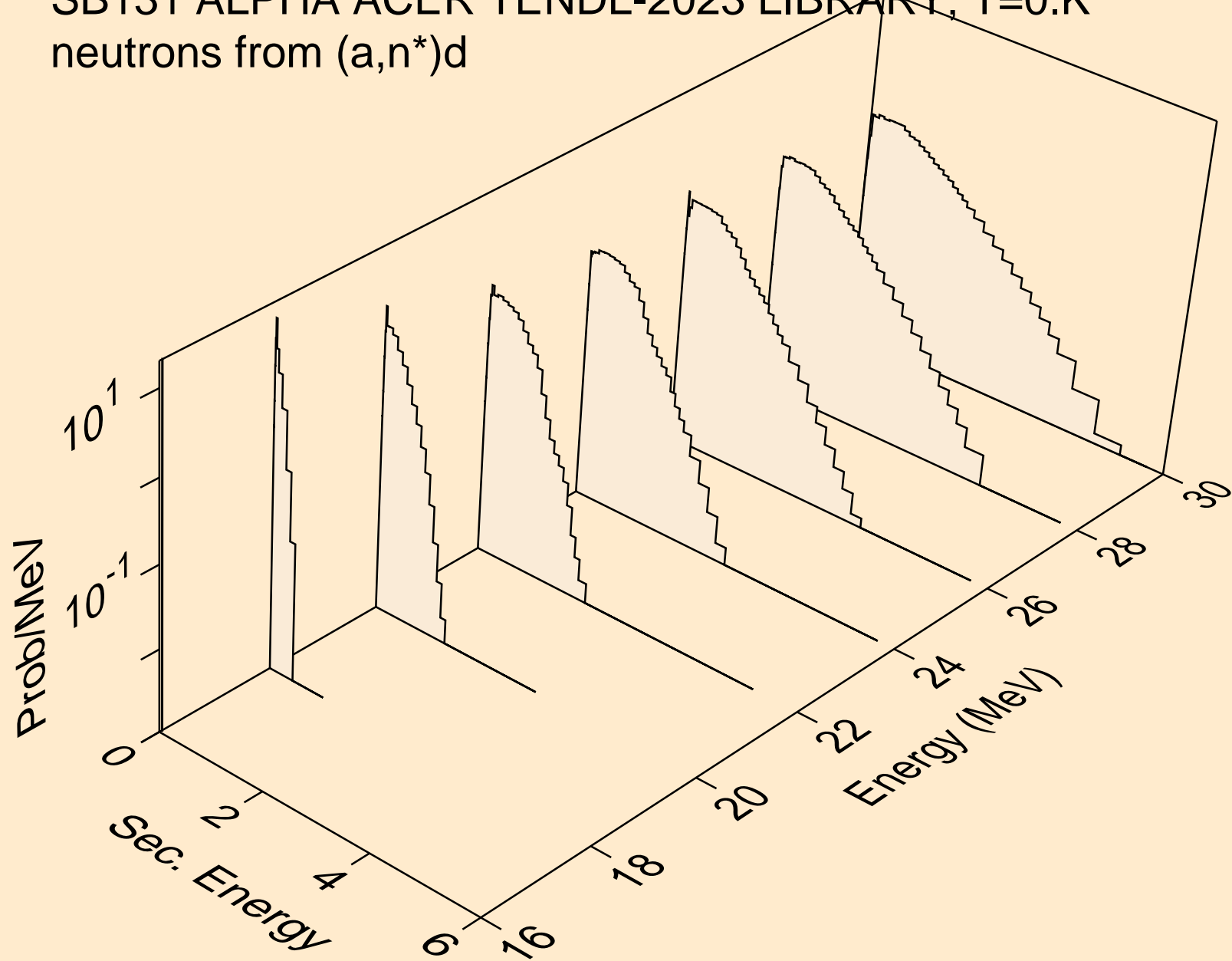
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



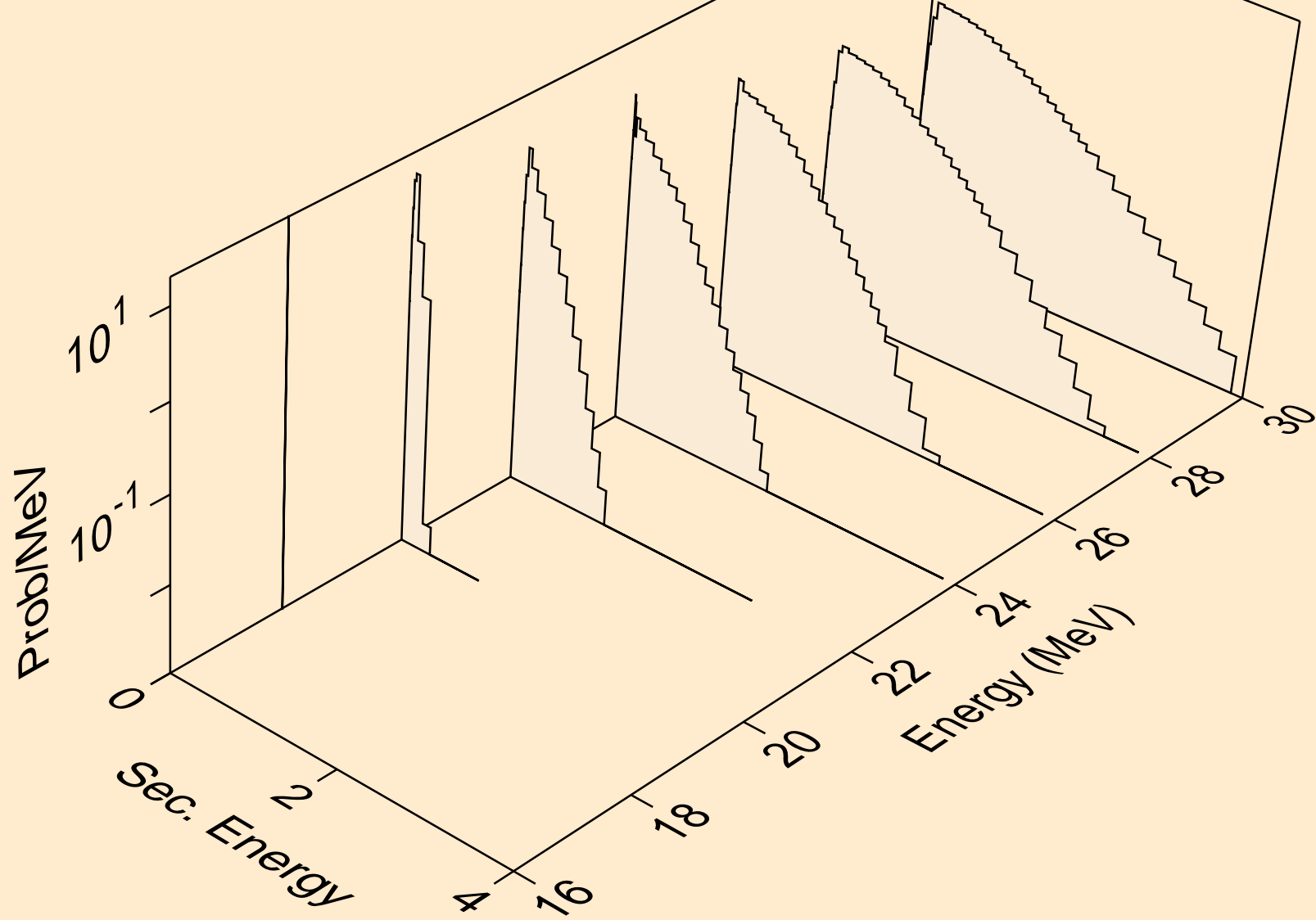
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



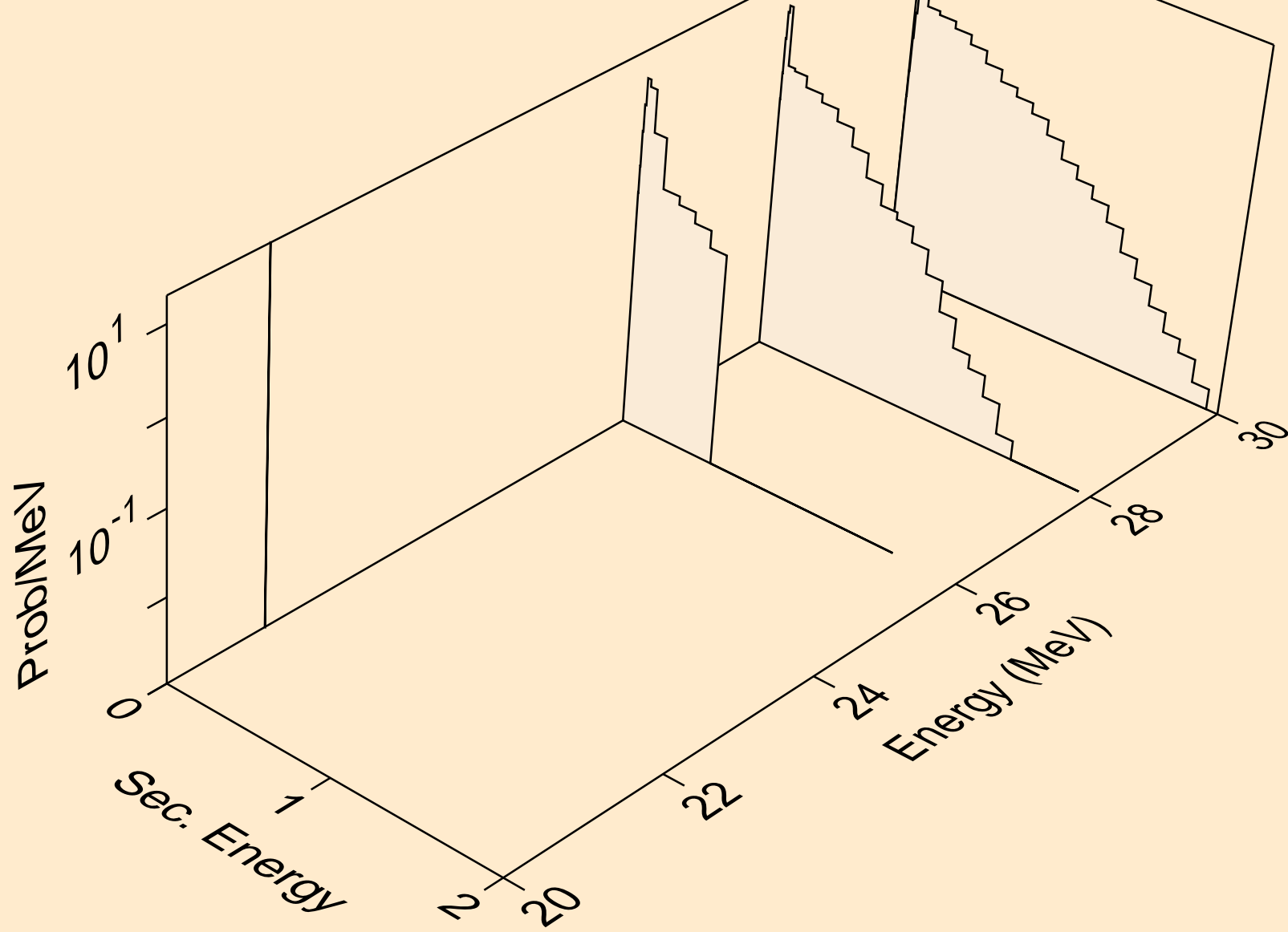
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



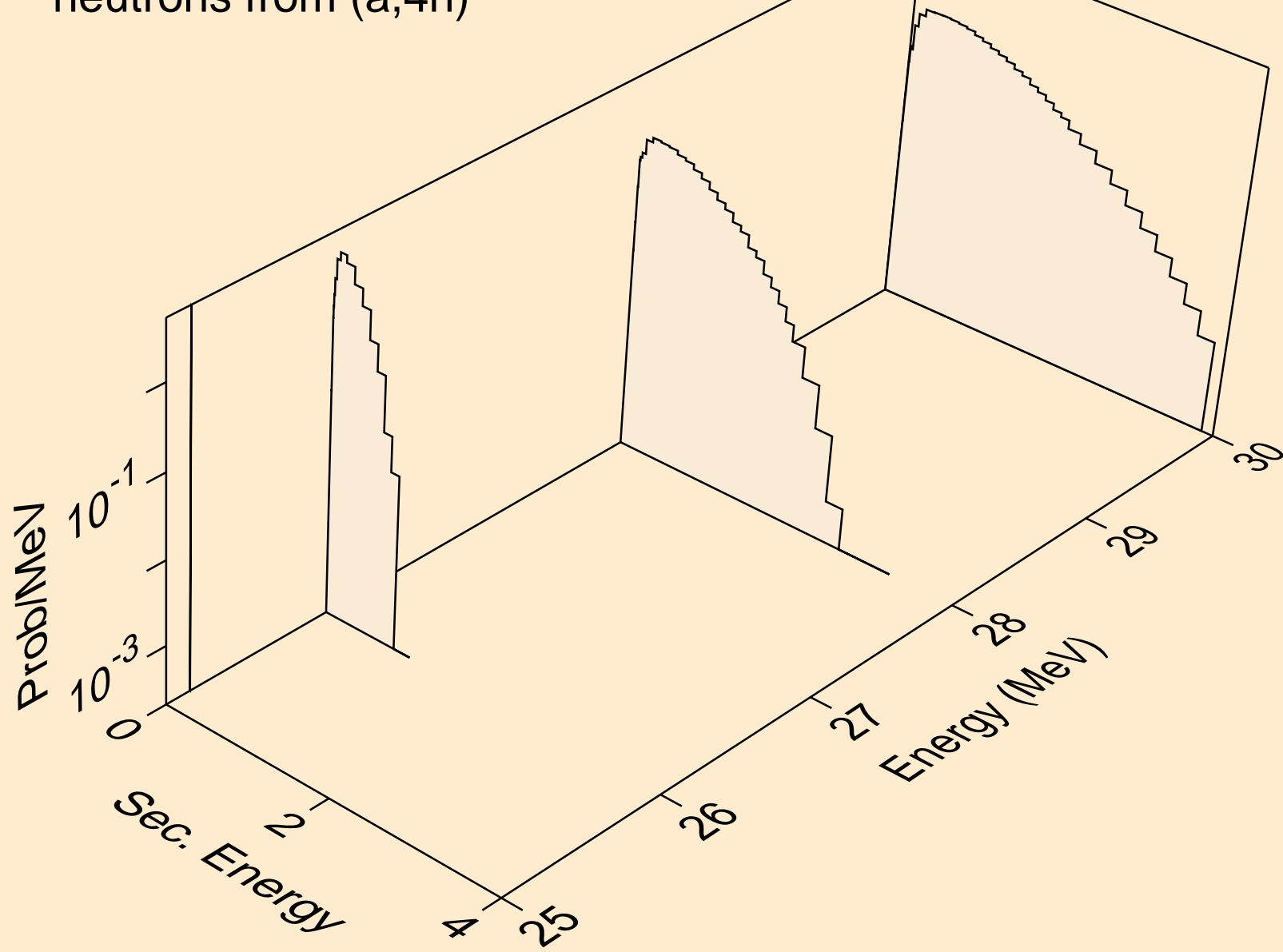
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

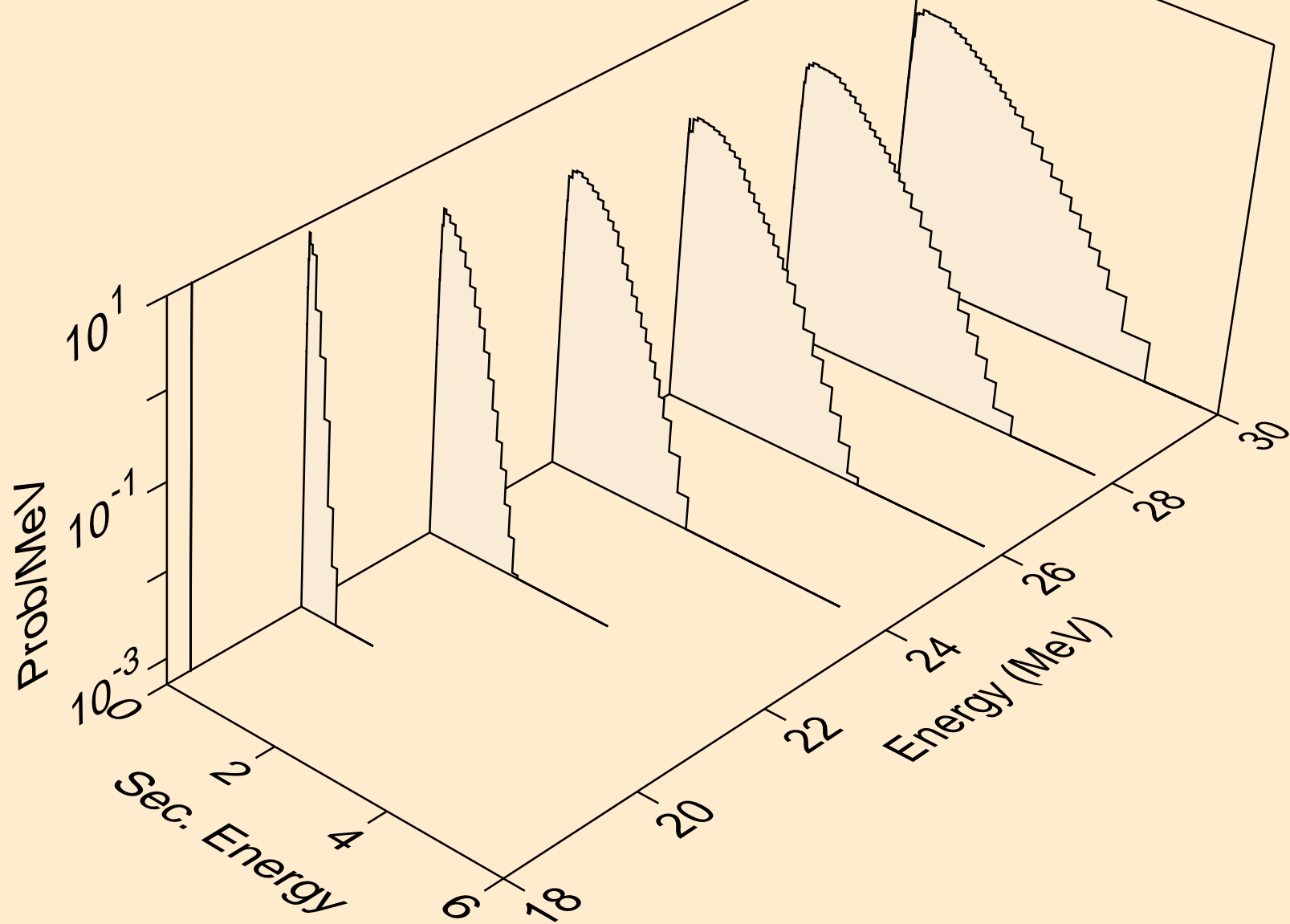


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

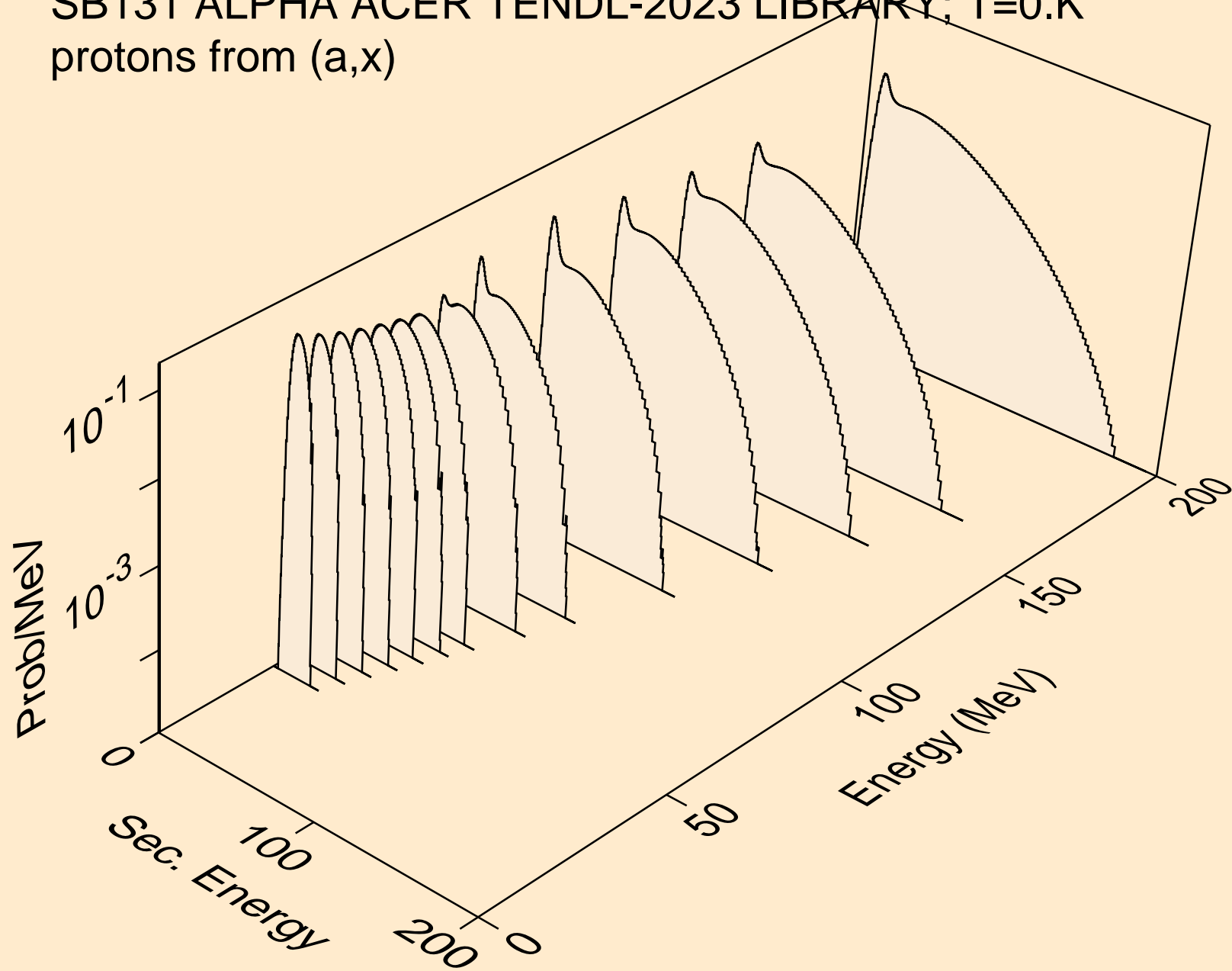




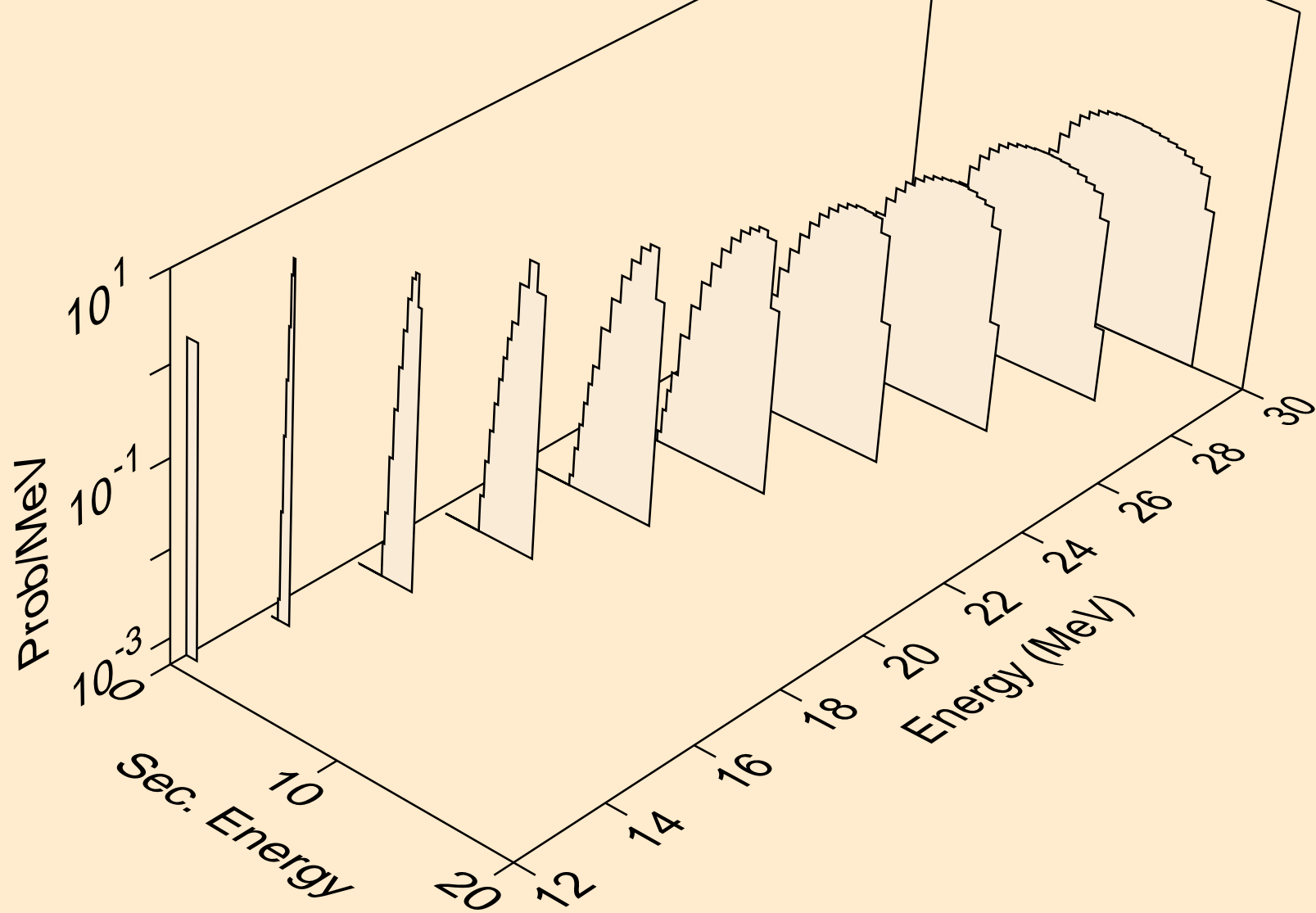
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



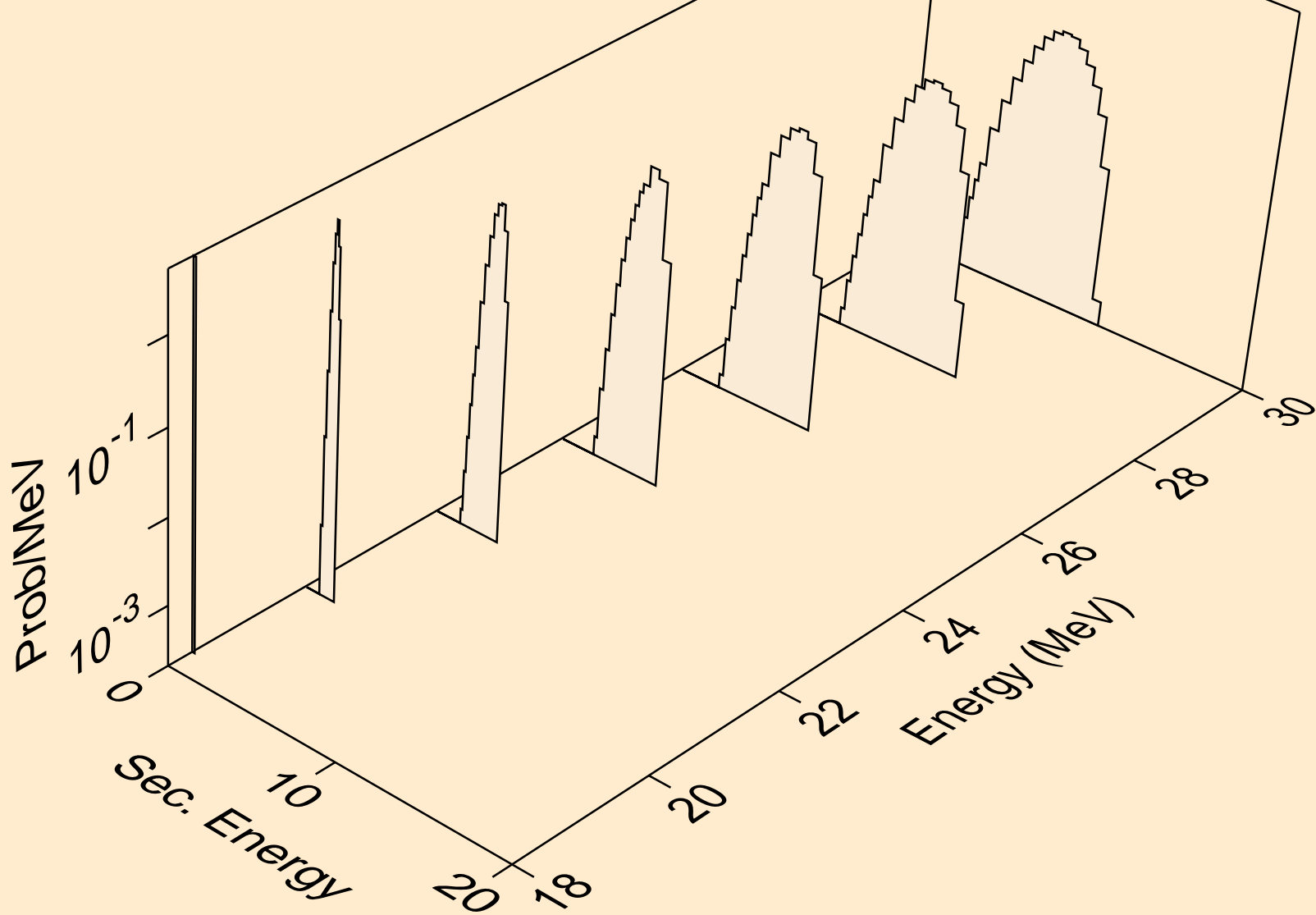
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



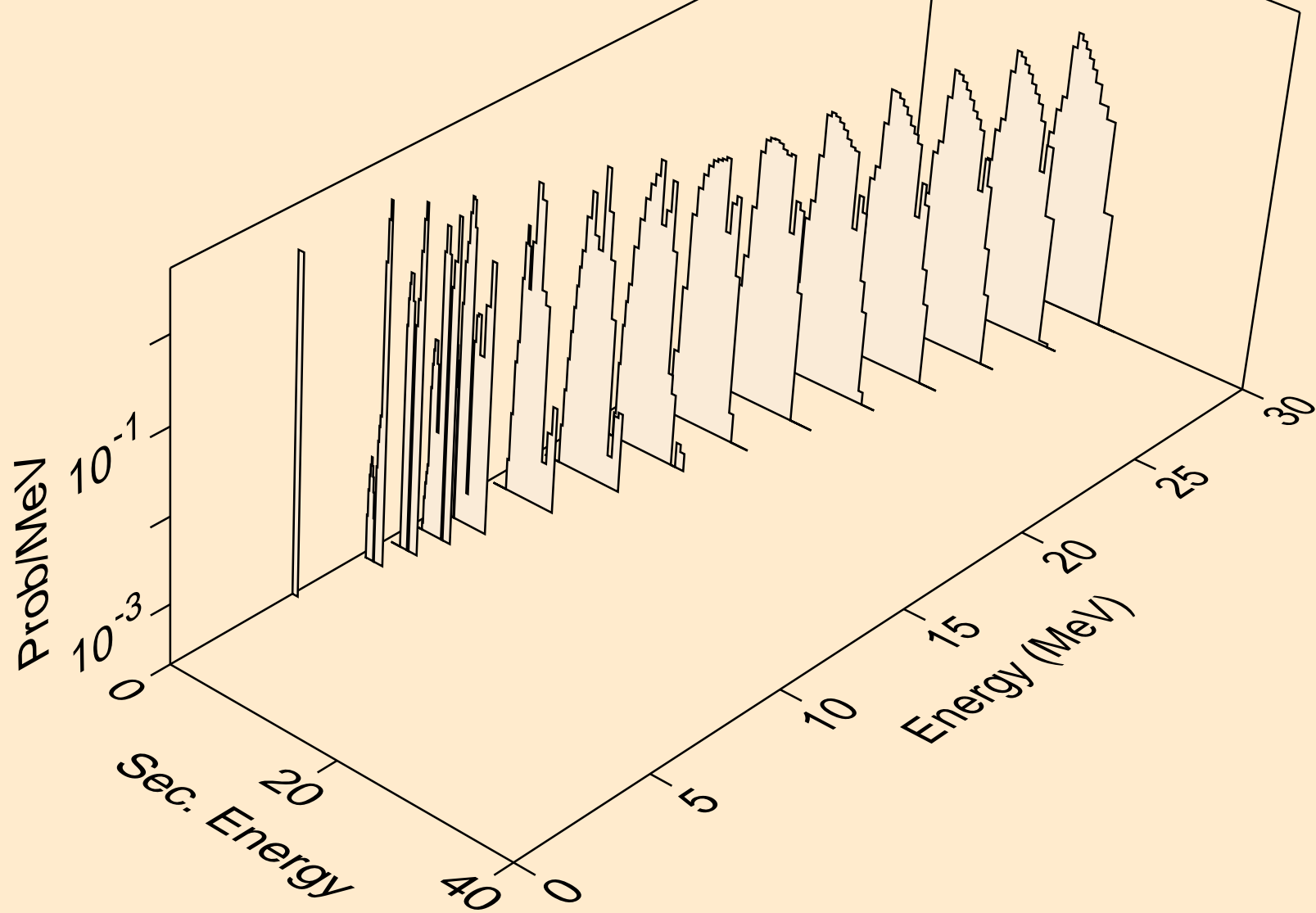
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



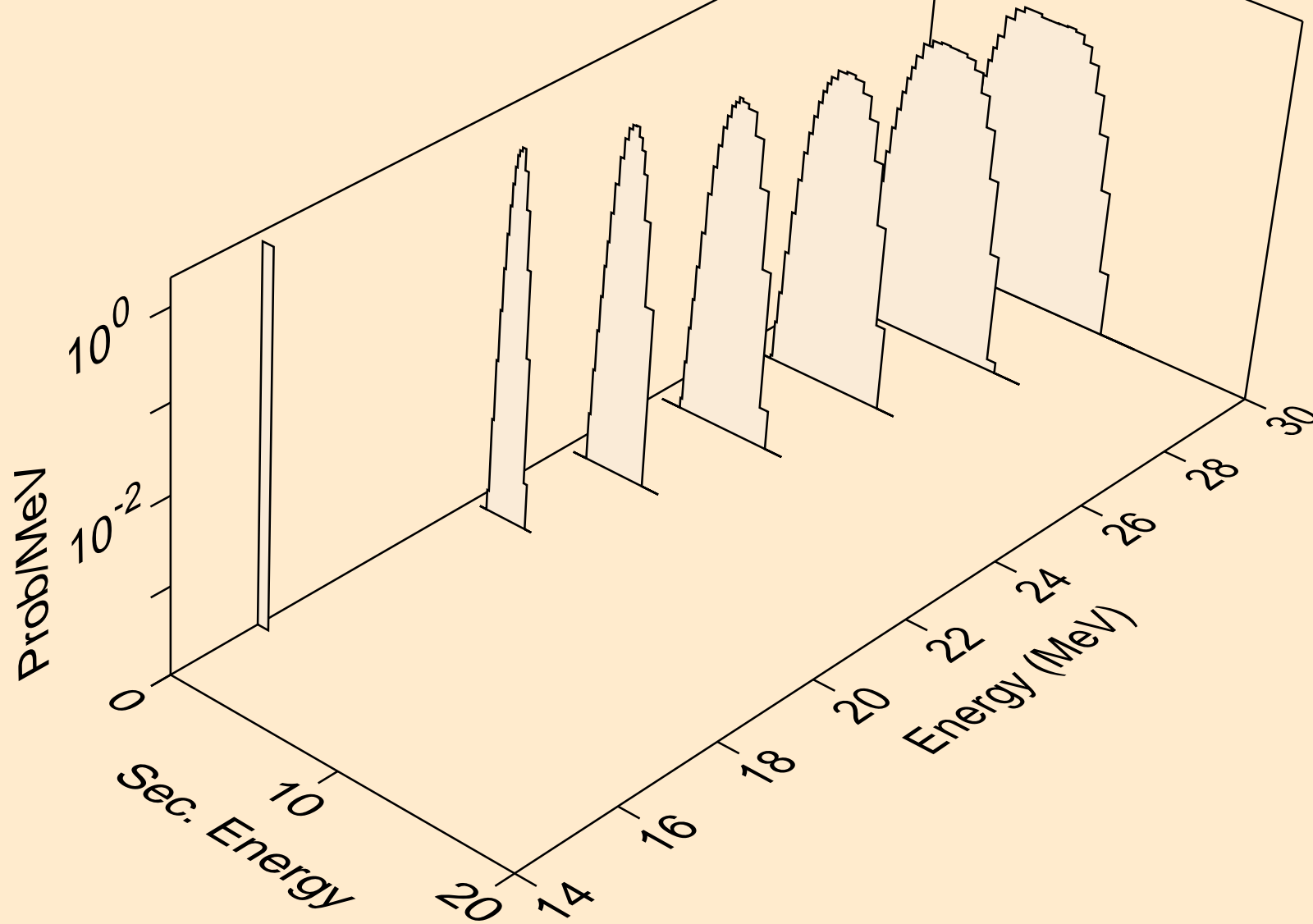
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



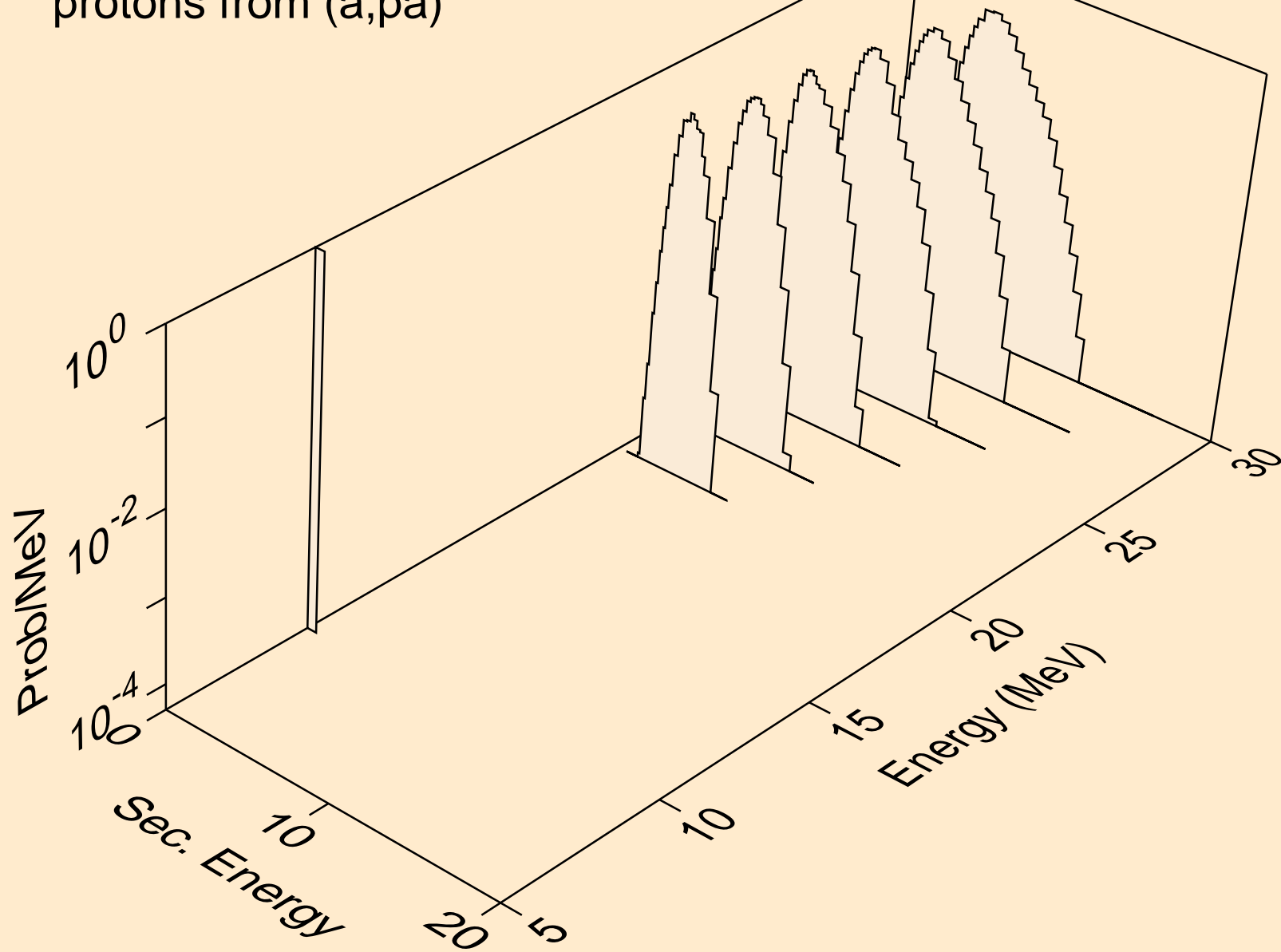
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



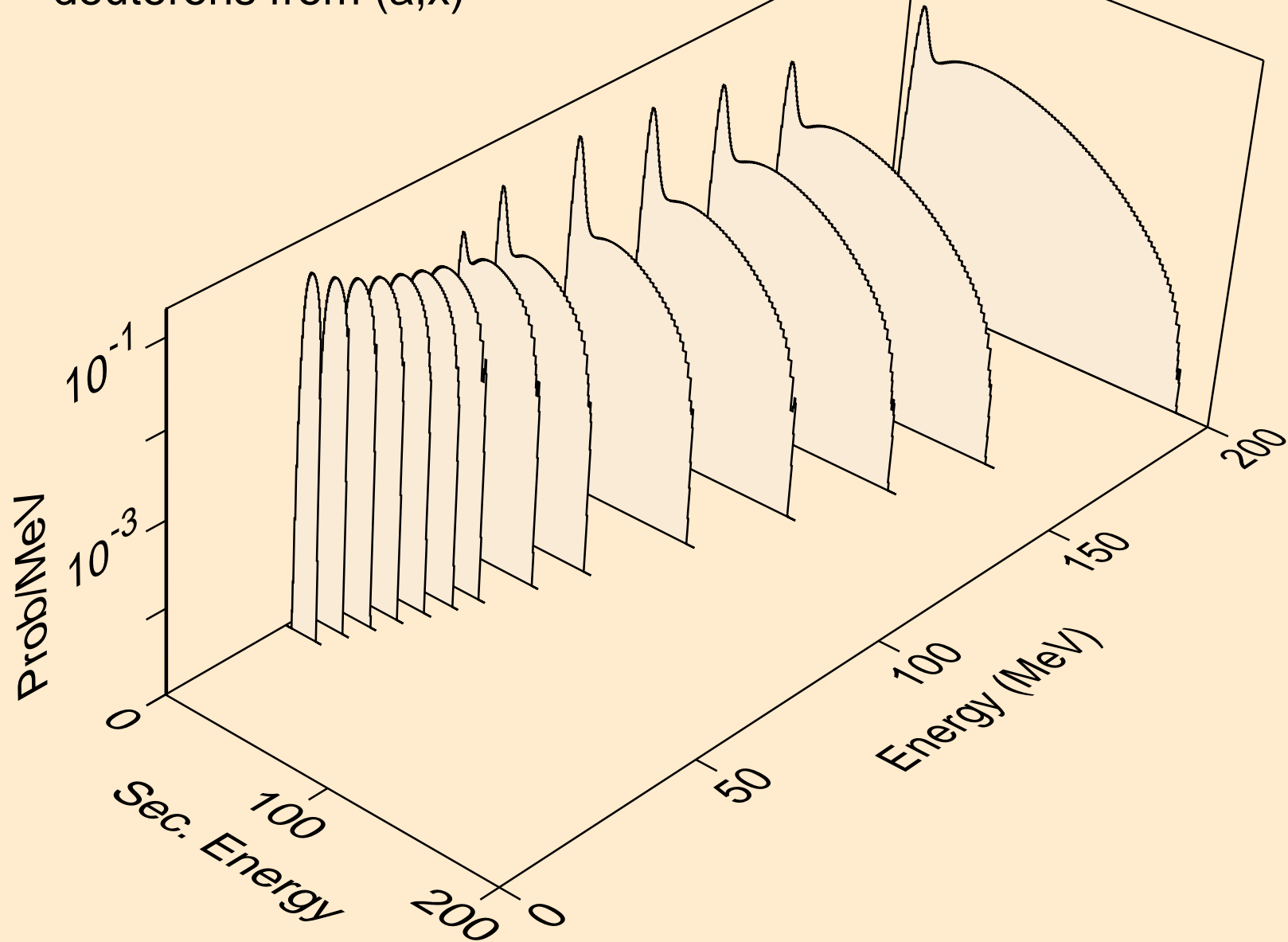
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

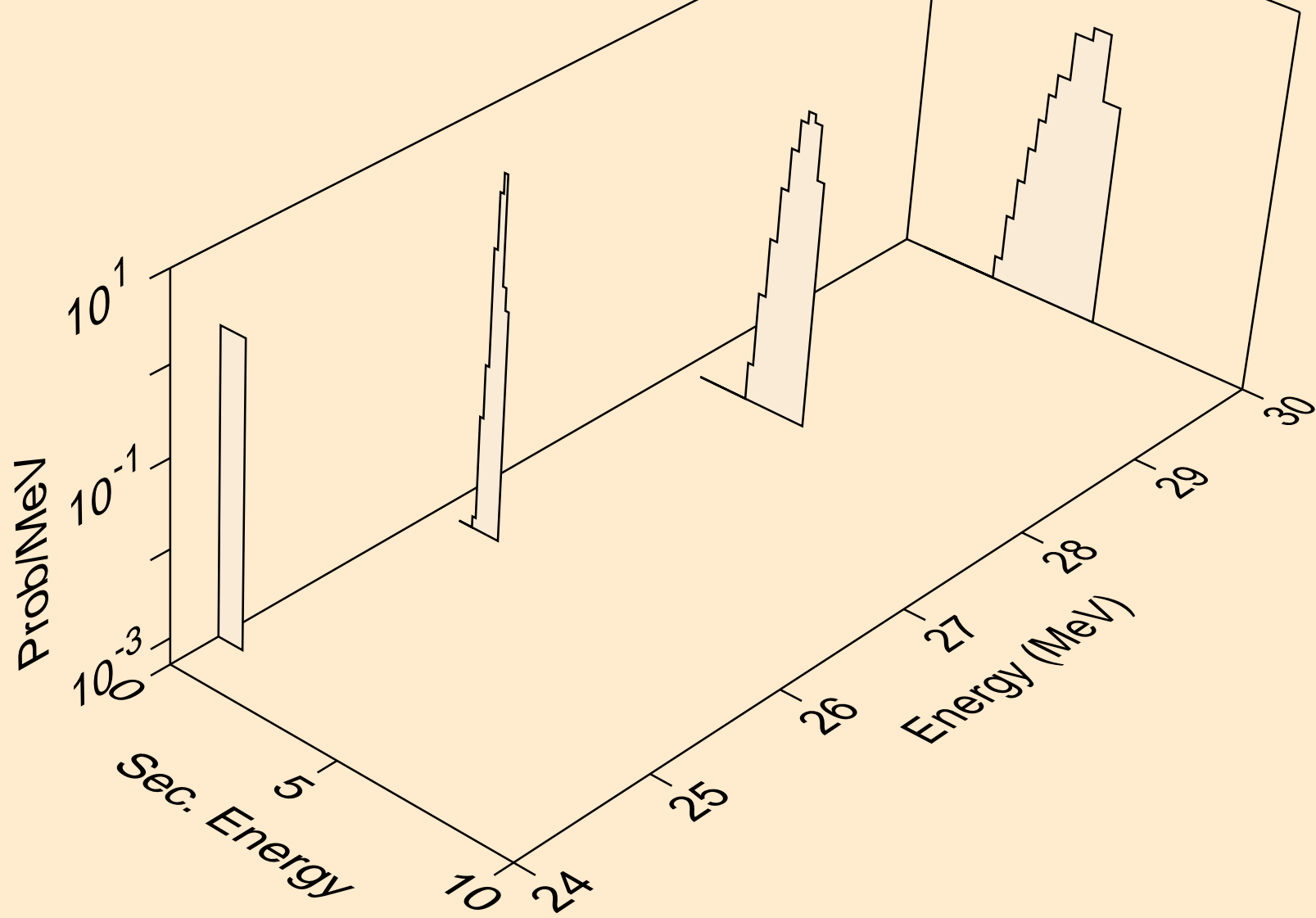


SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

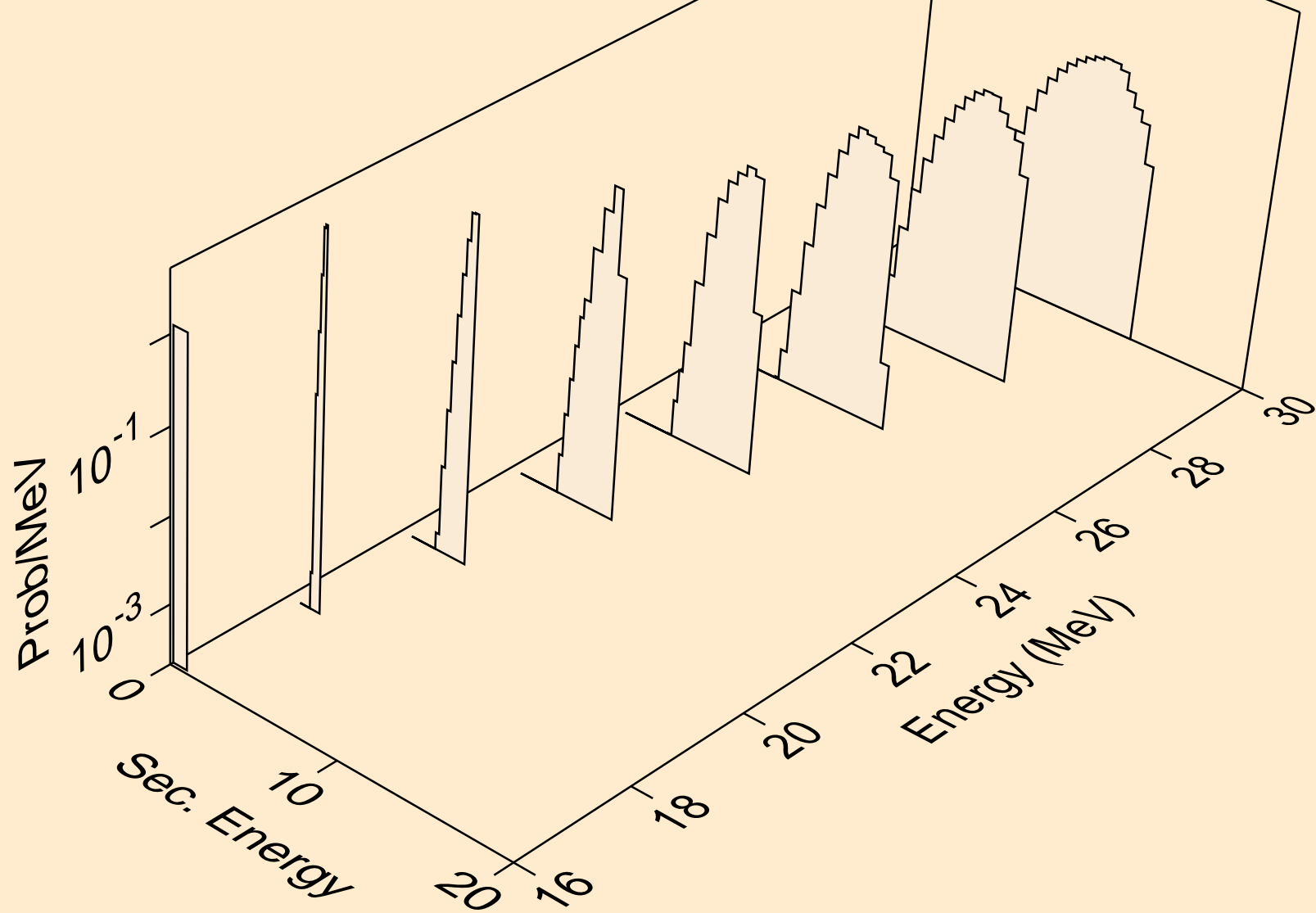




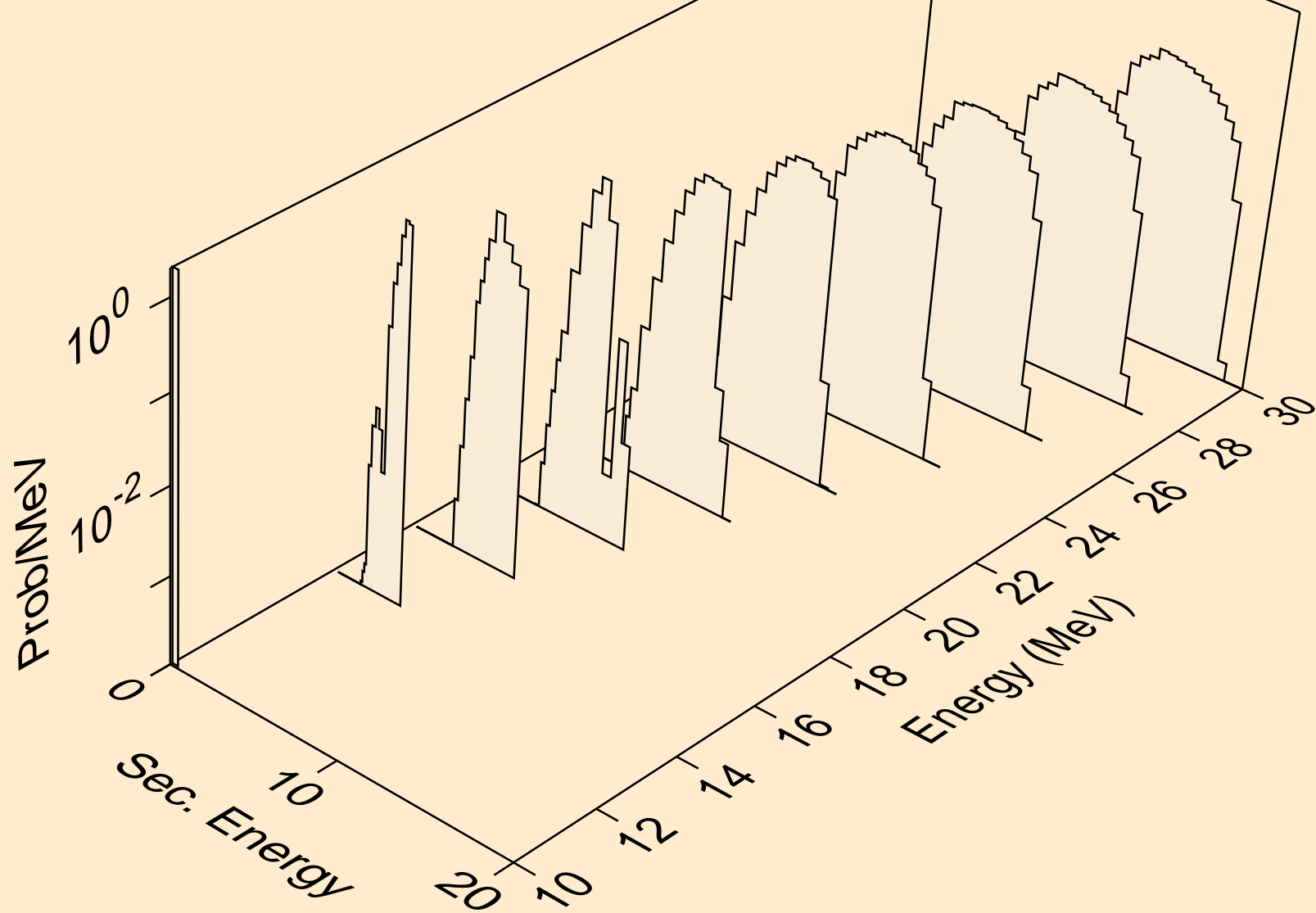
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



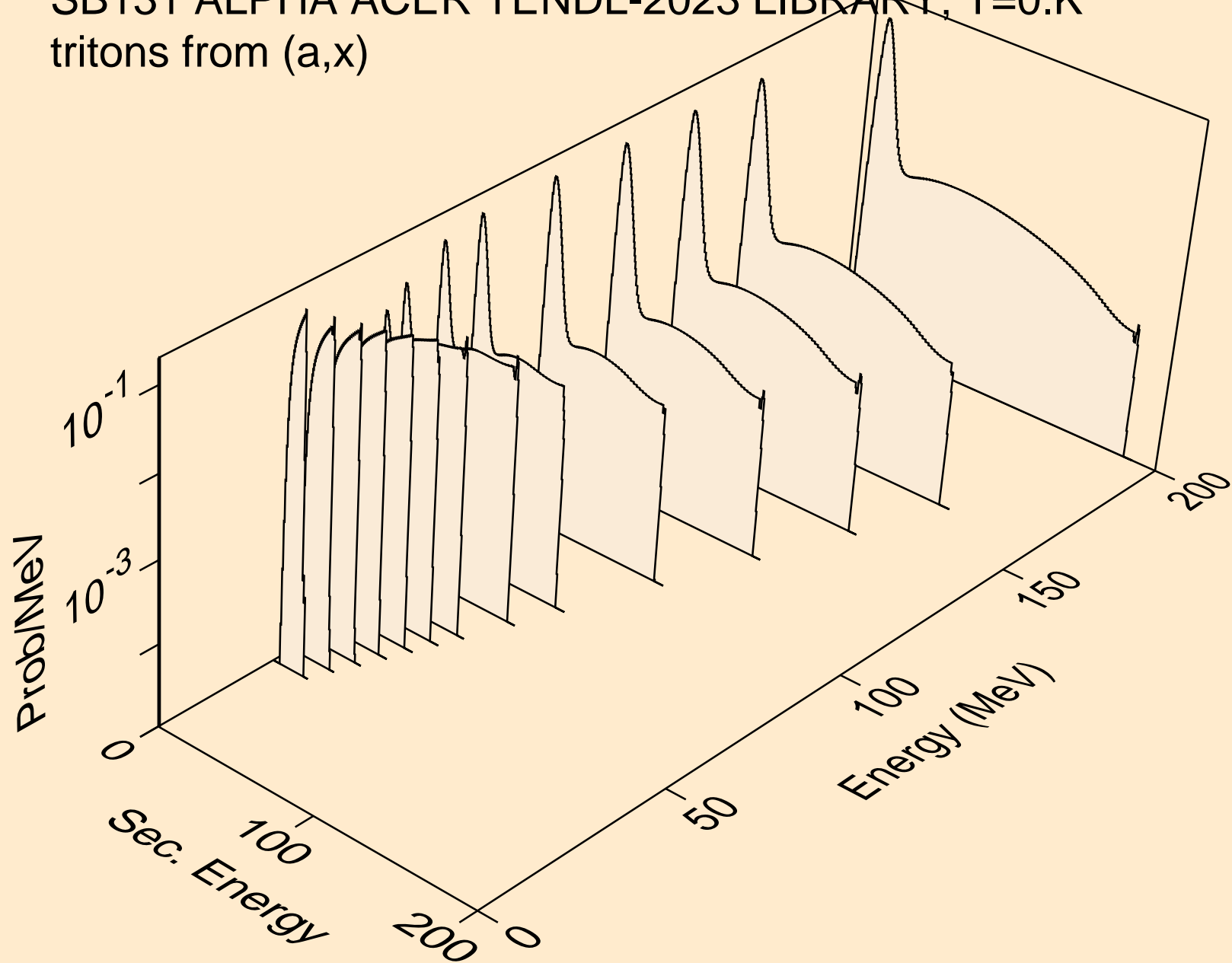
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



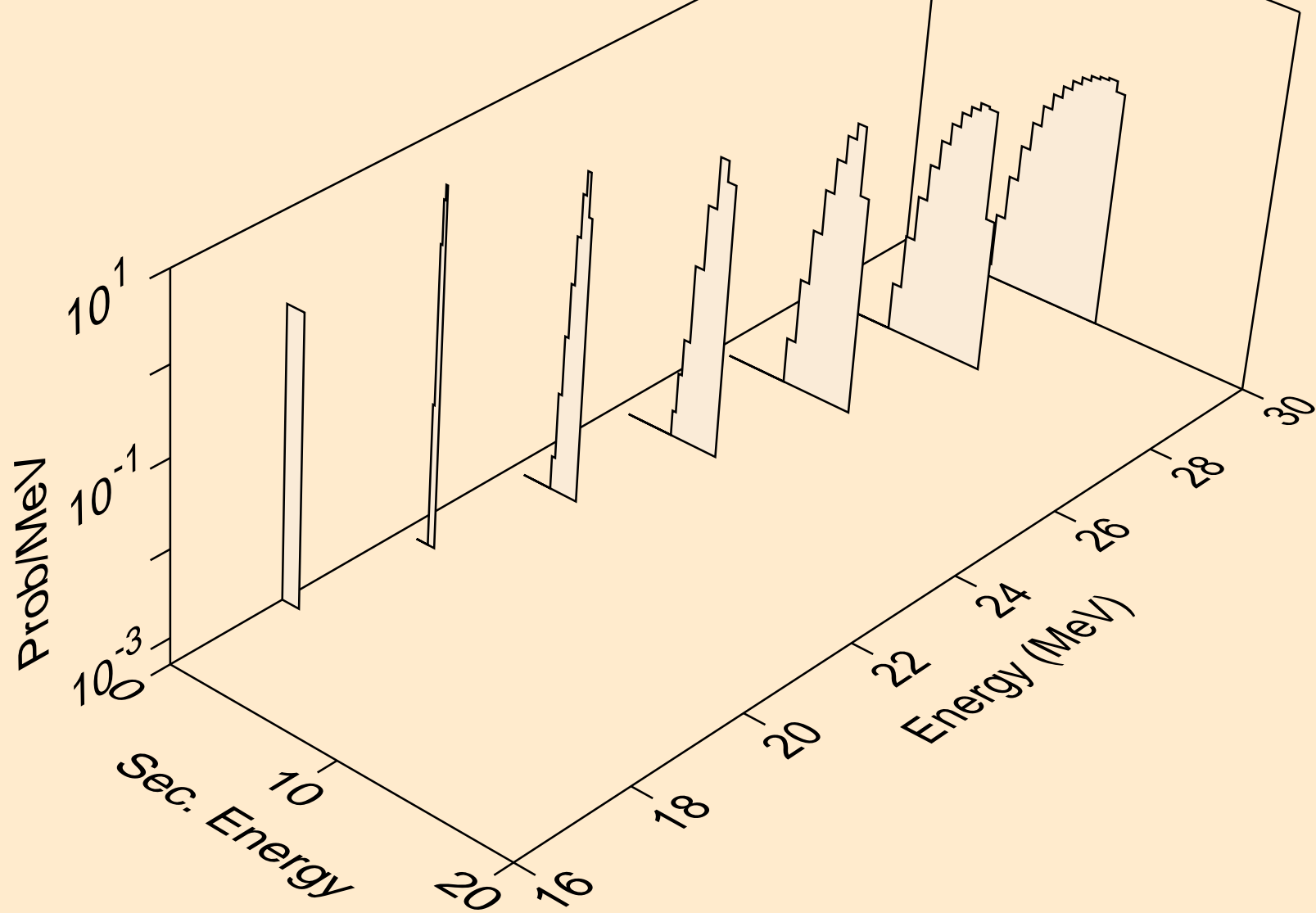
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



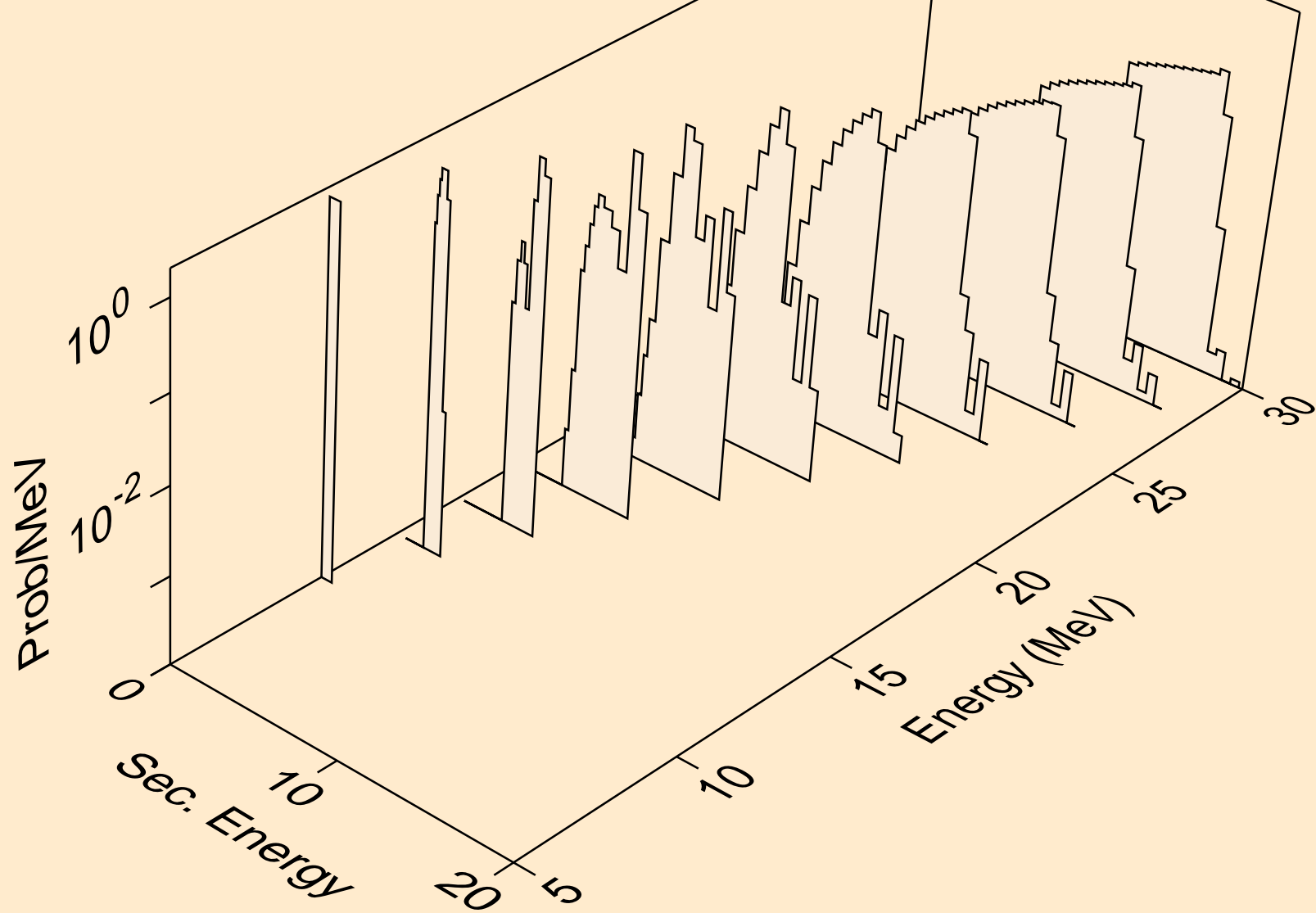
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



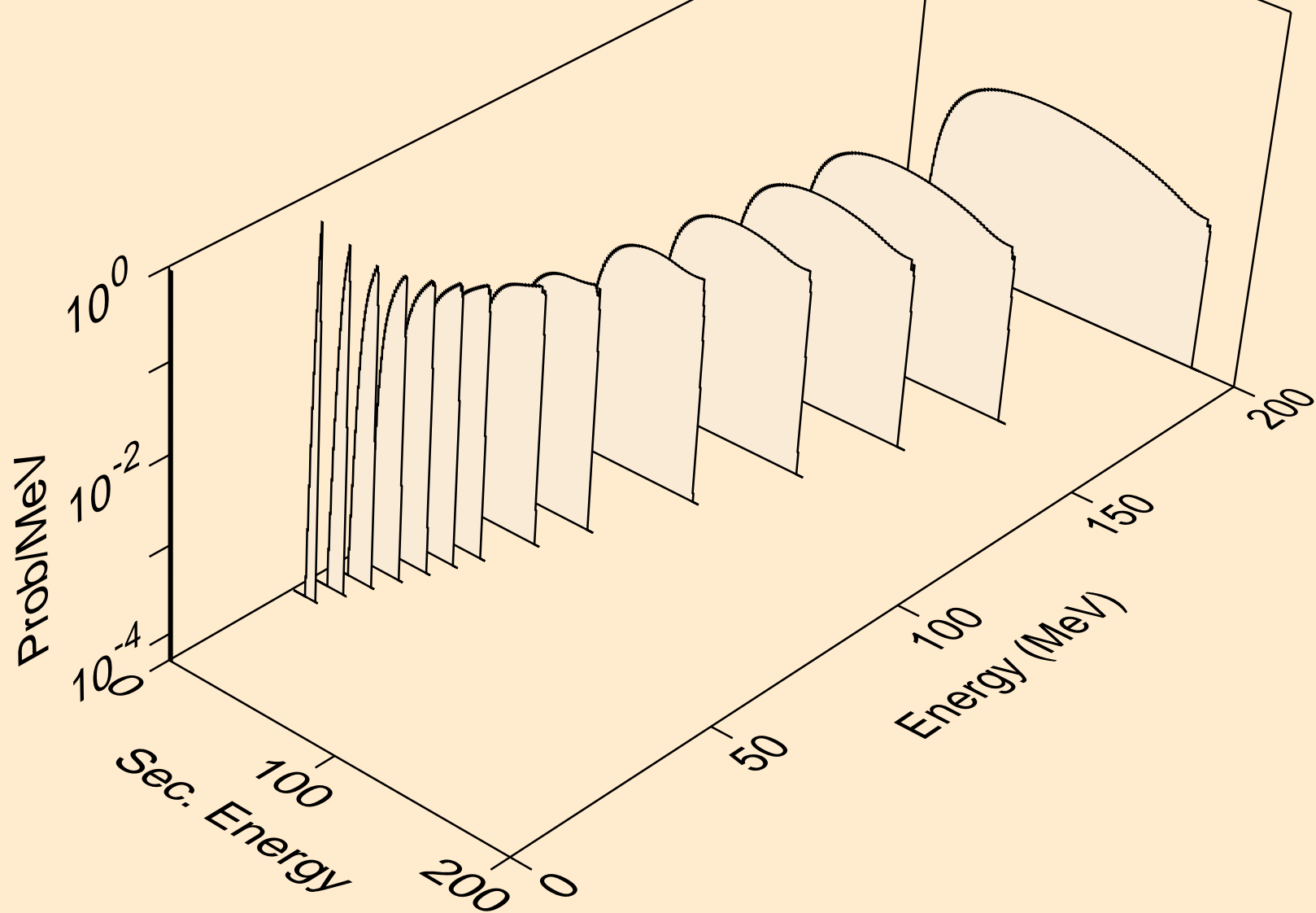
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



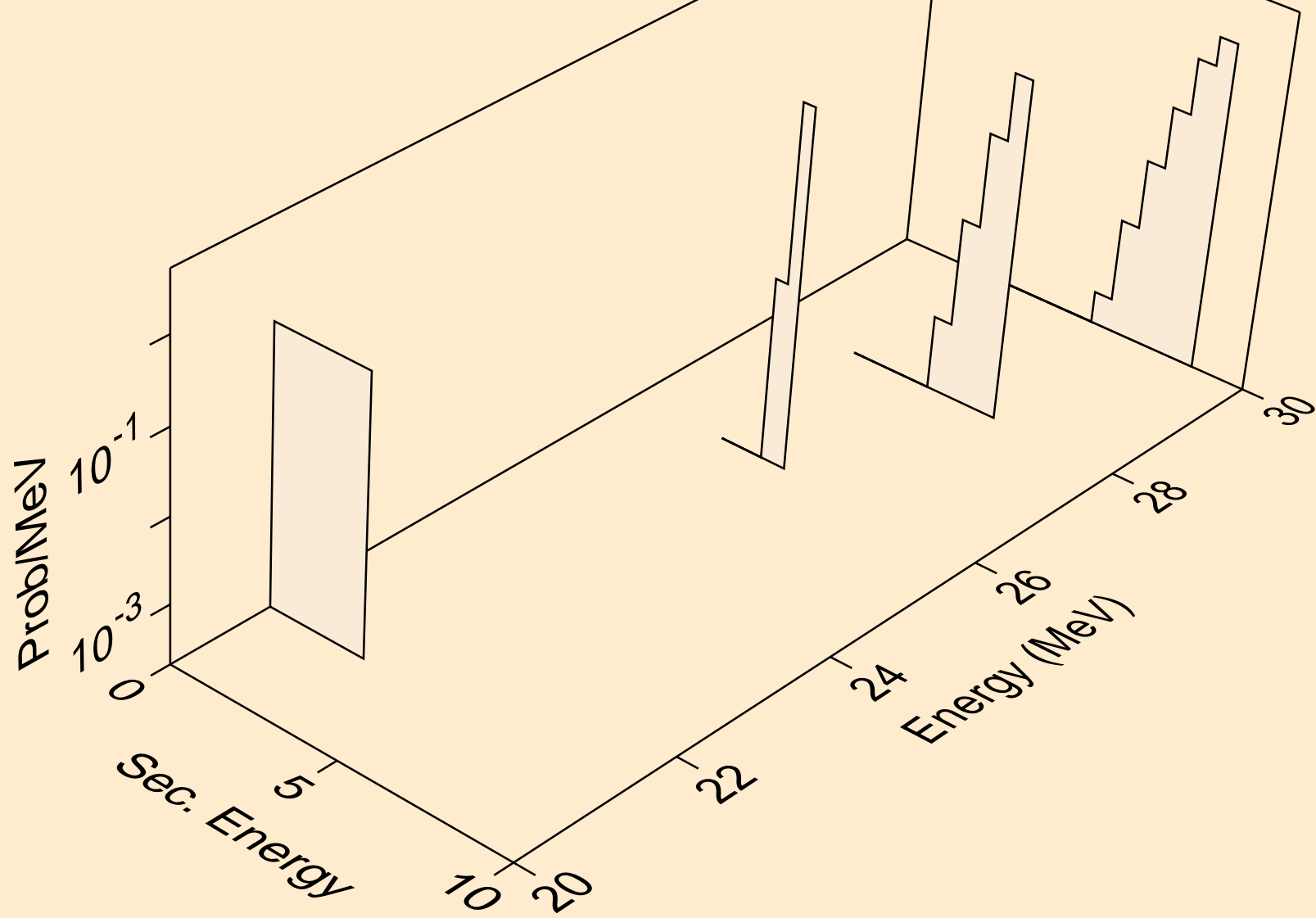
SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3





SB131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

