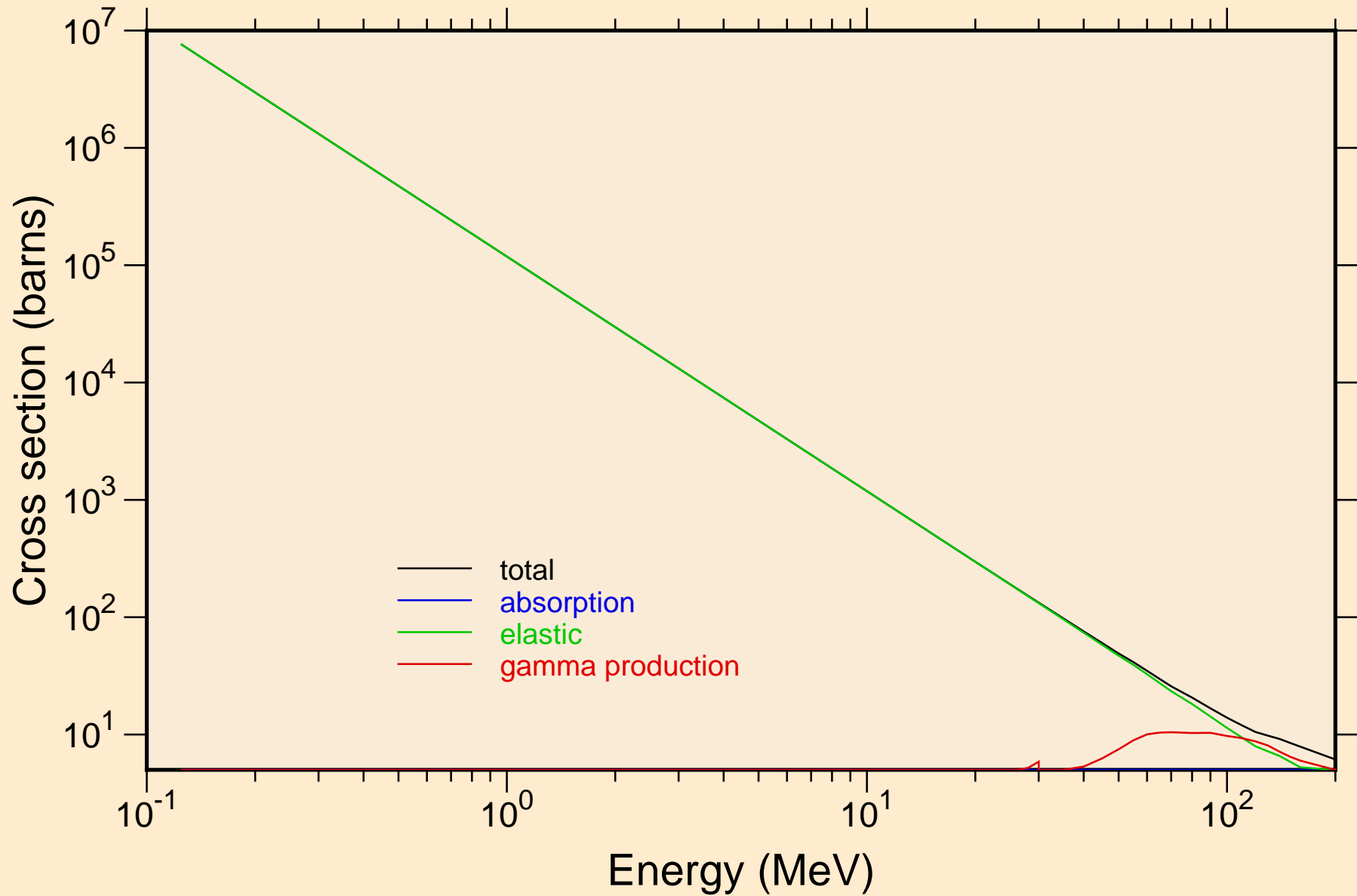


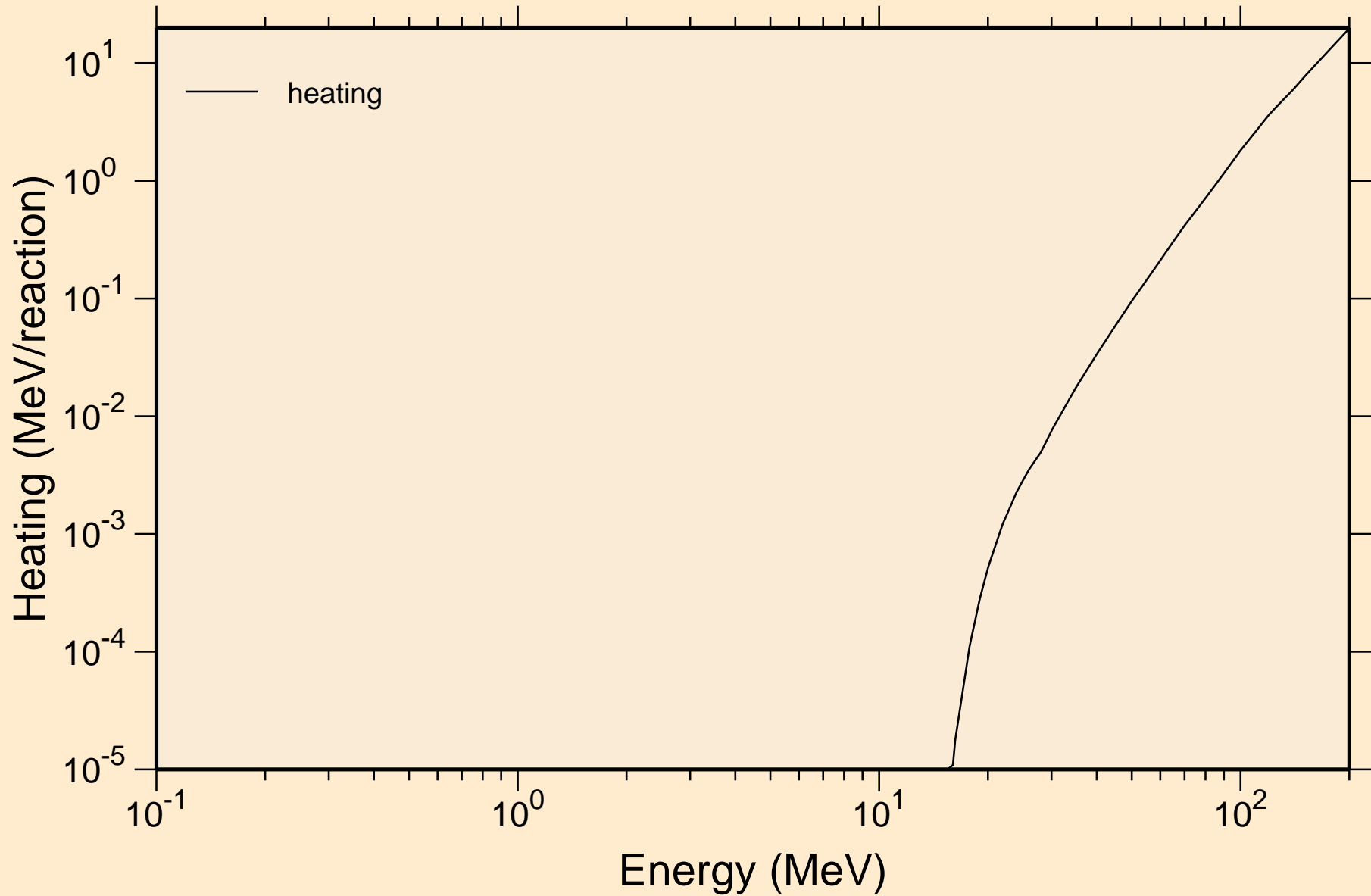
# ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



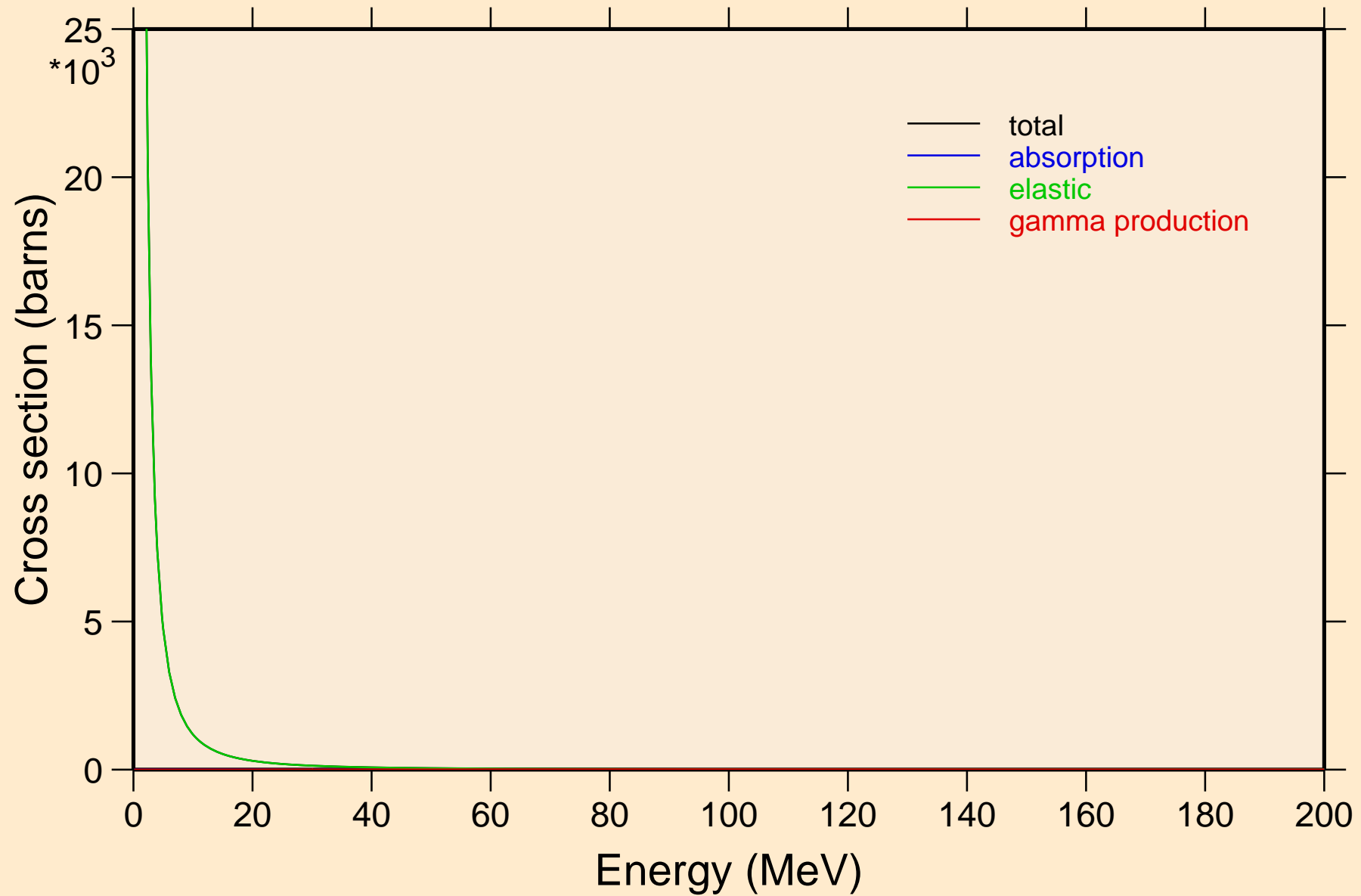
# ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



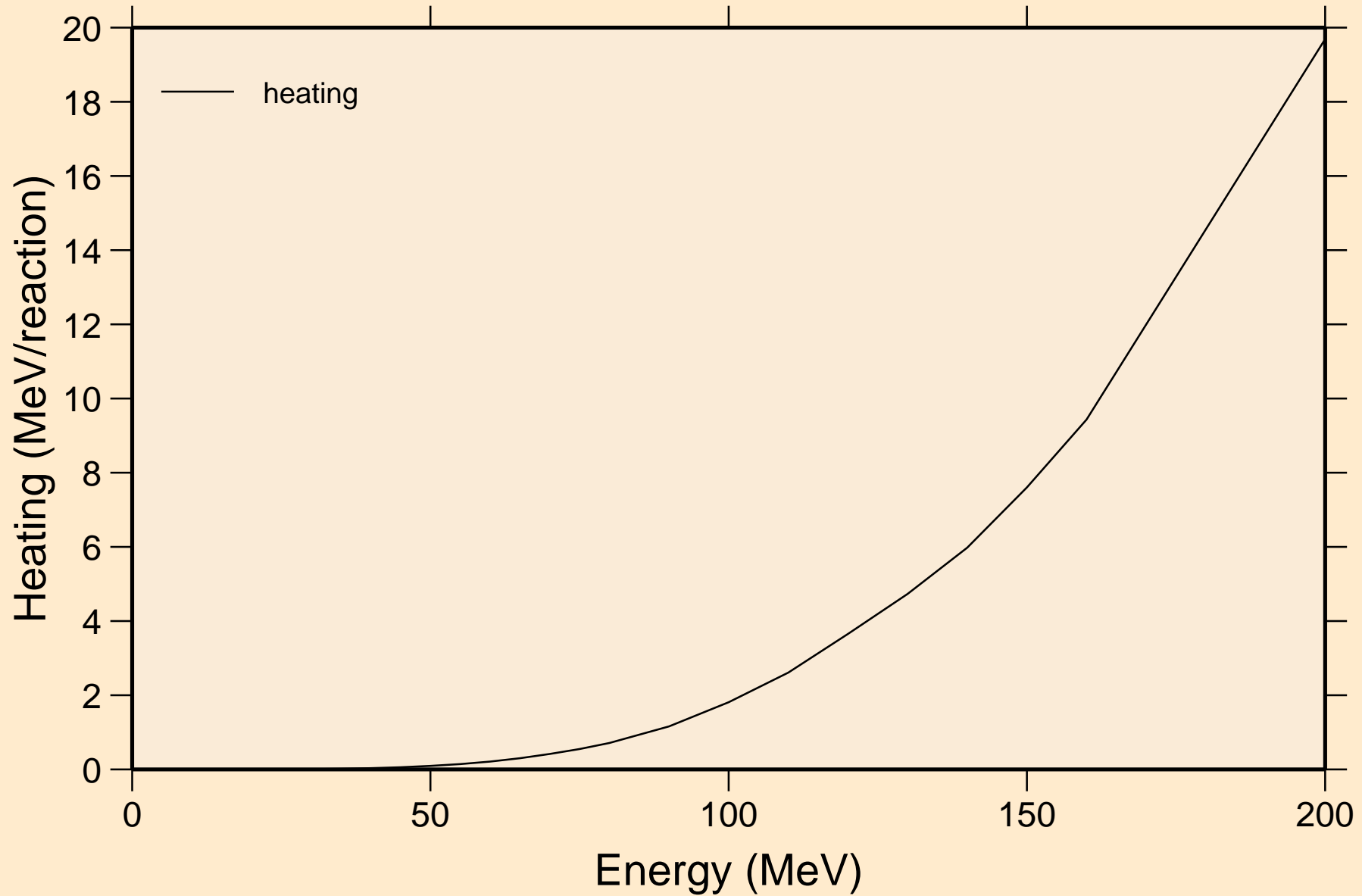
# ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

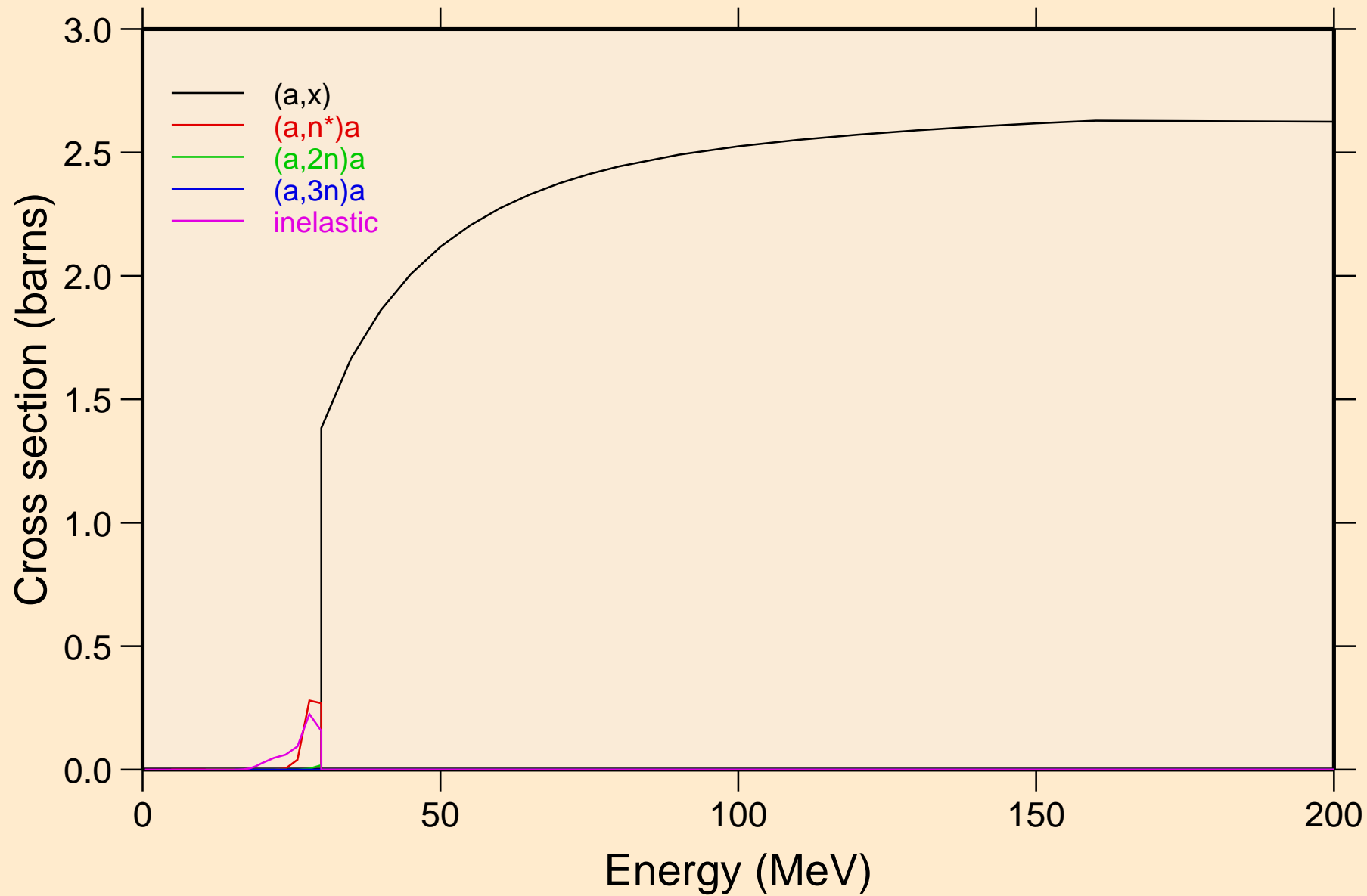


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

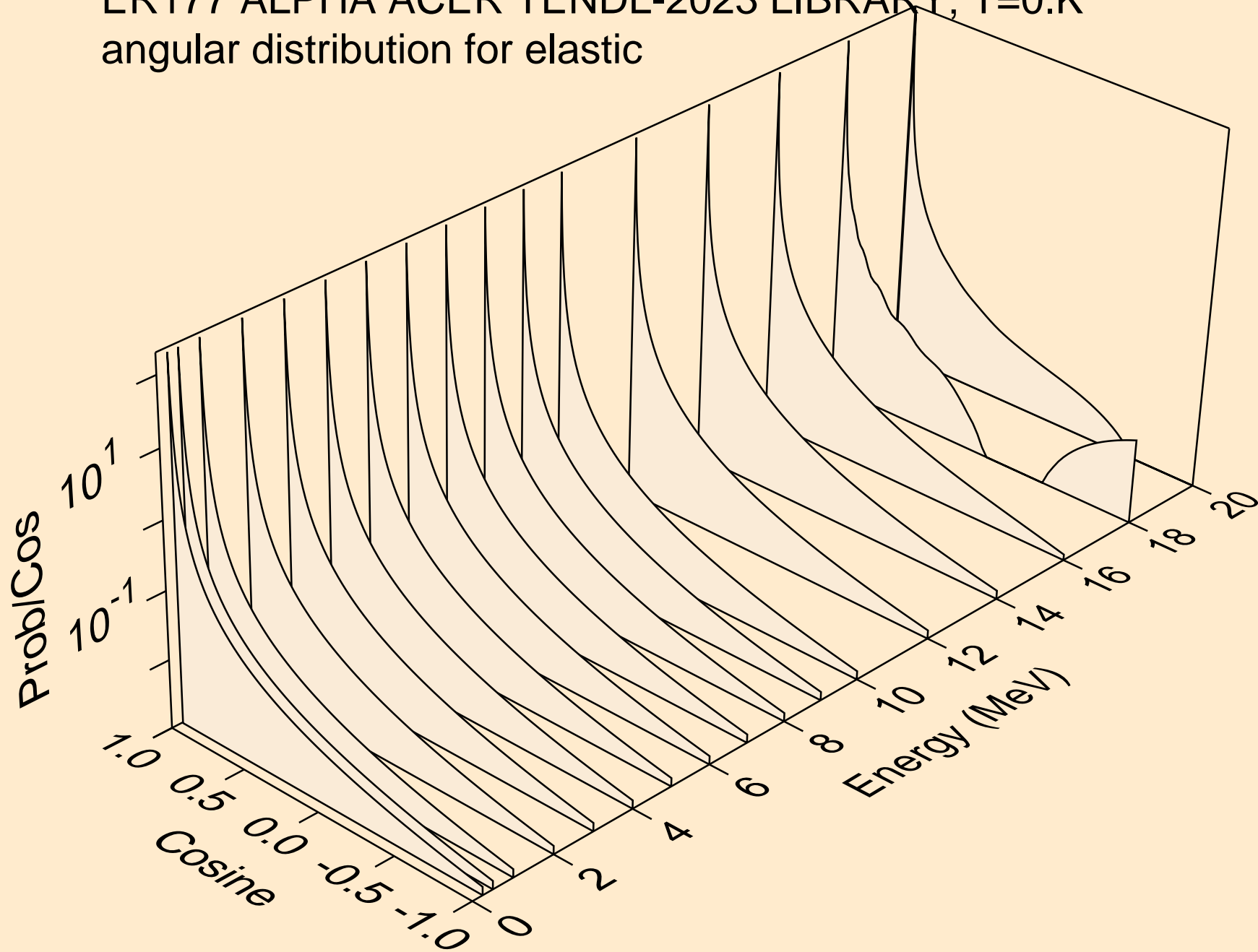
Heating



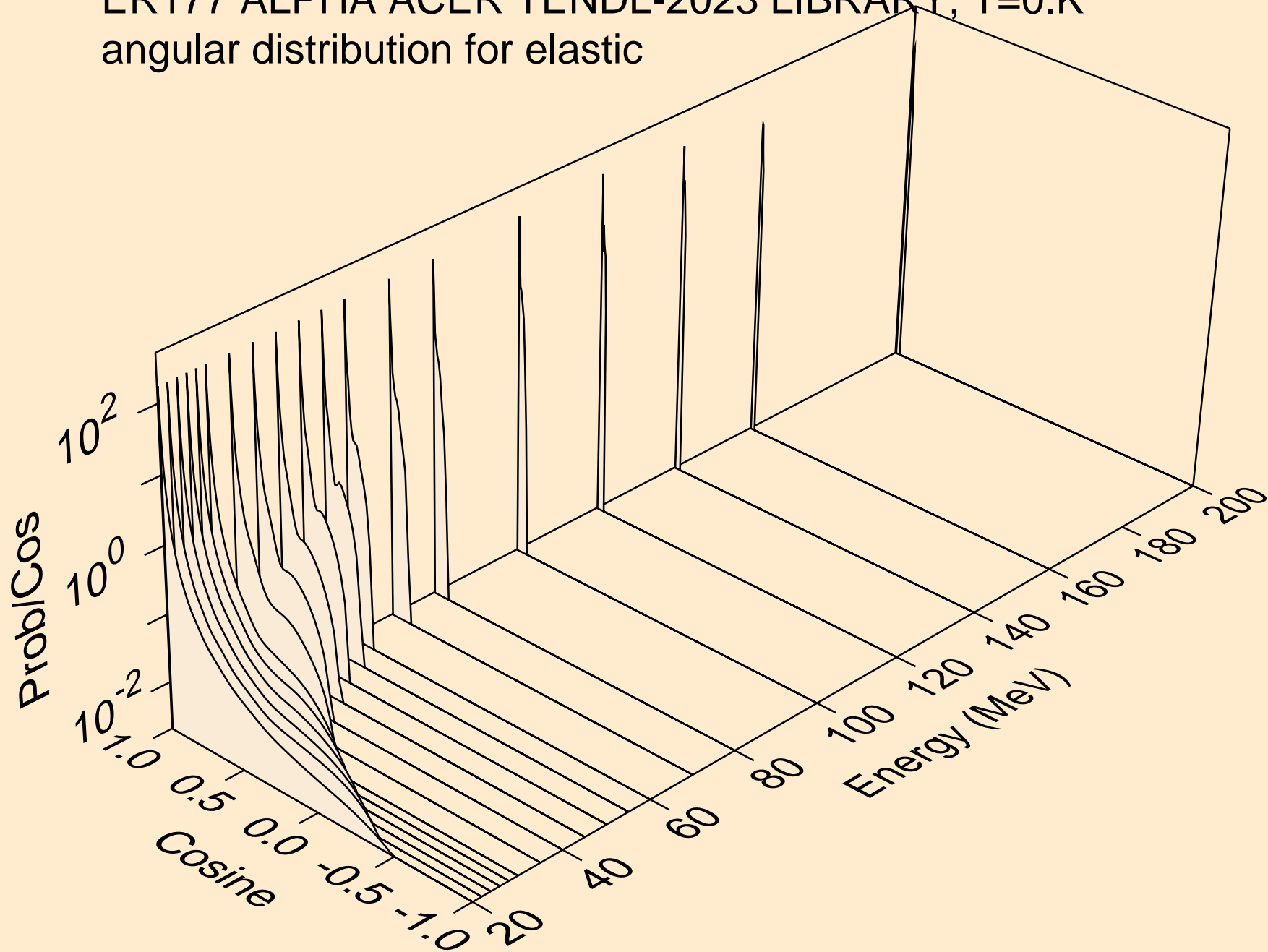
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



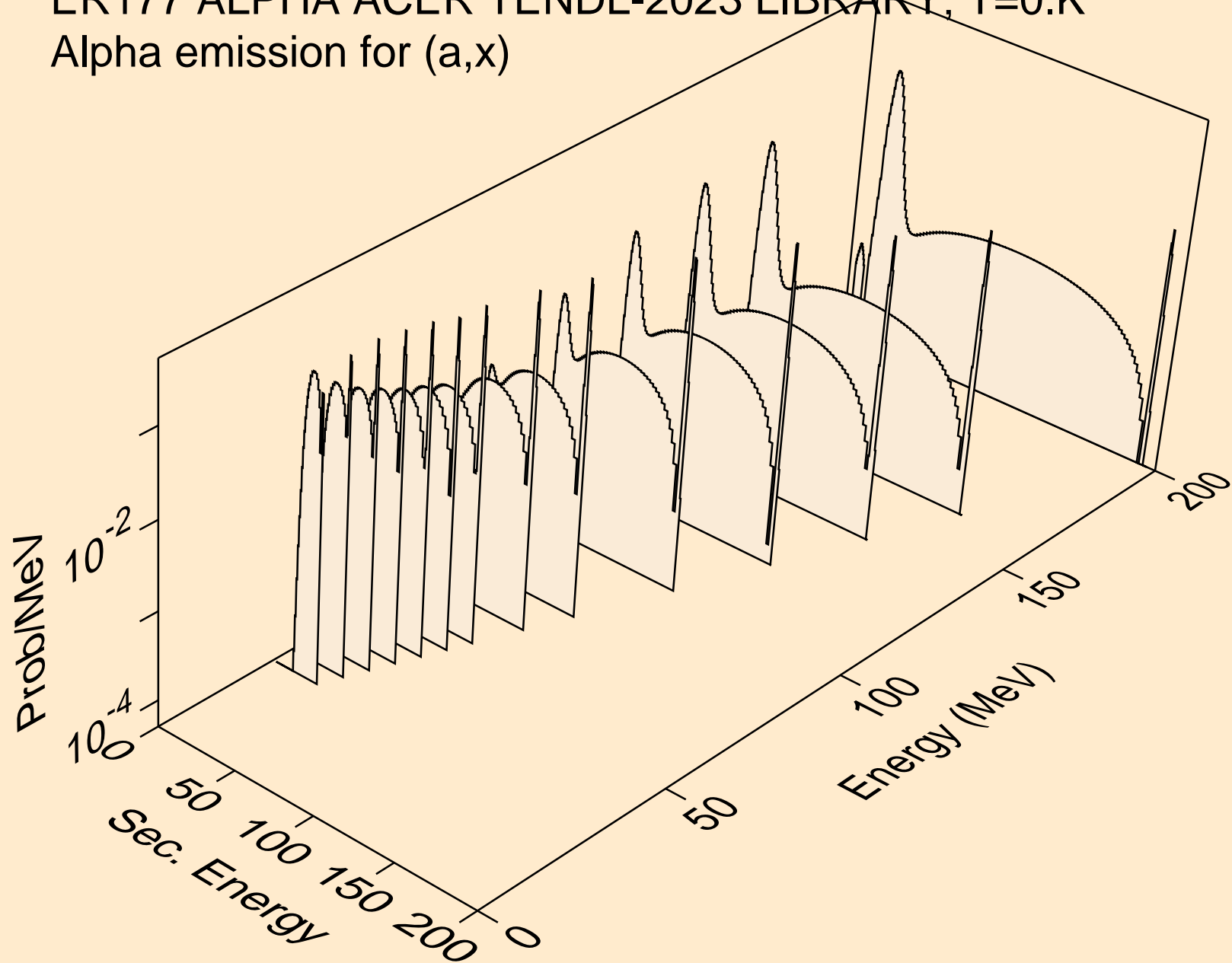
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

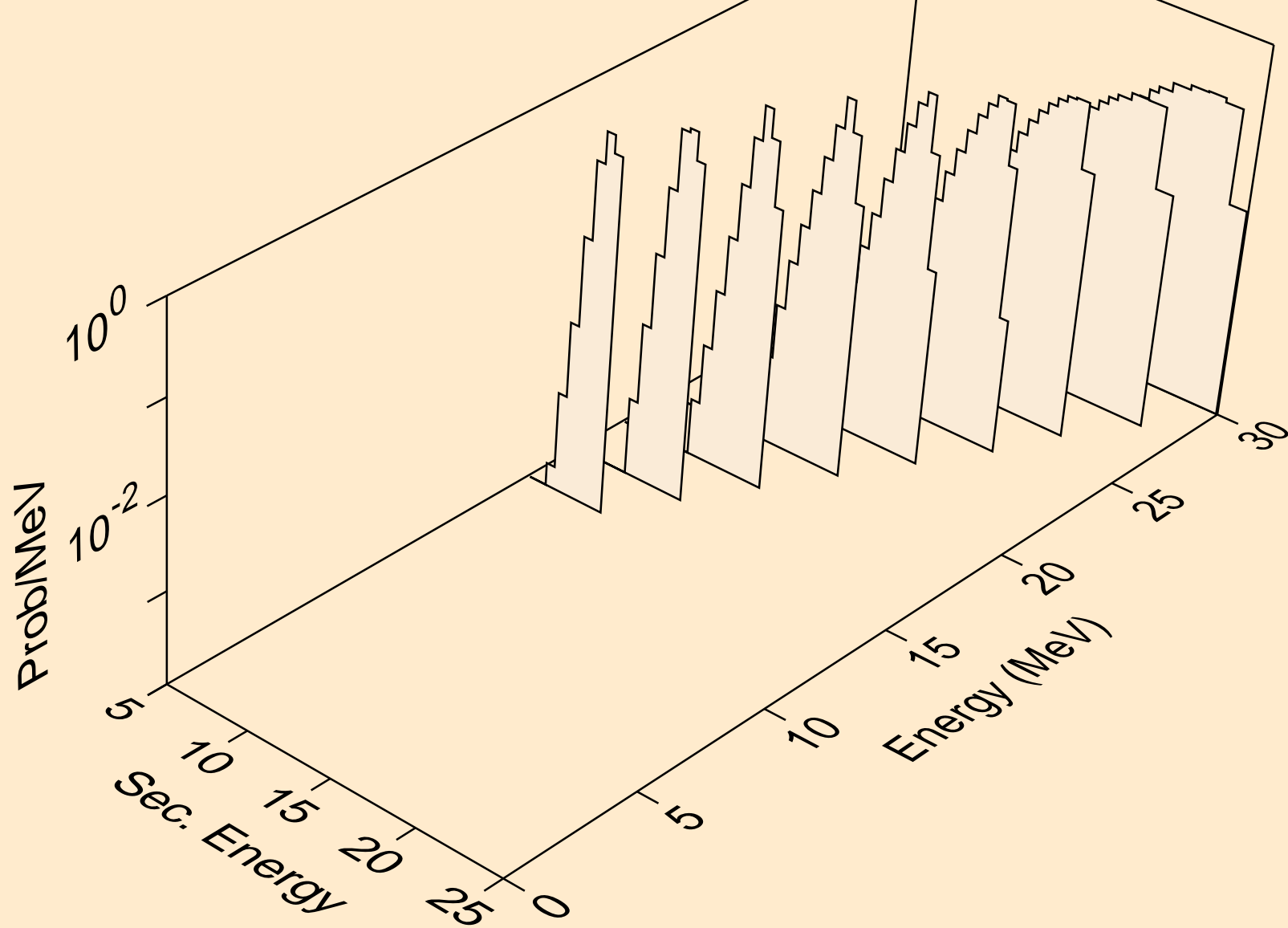


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

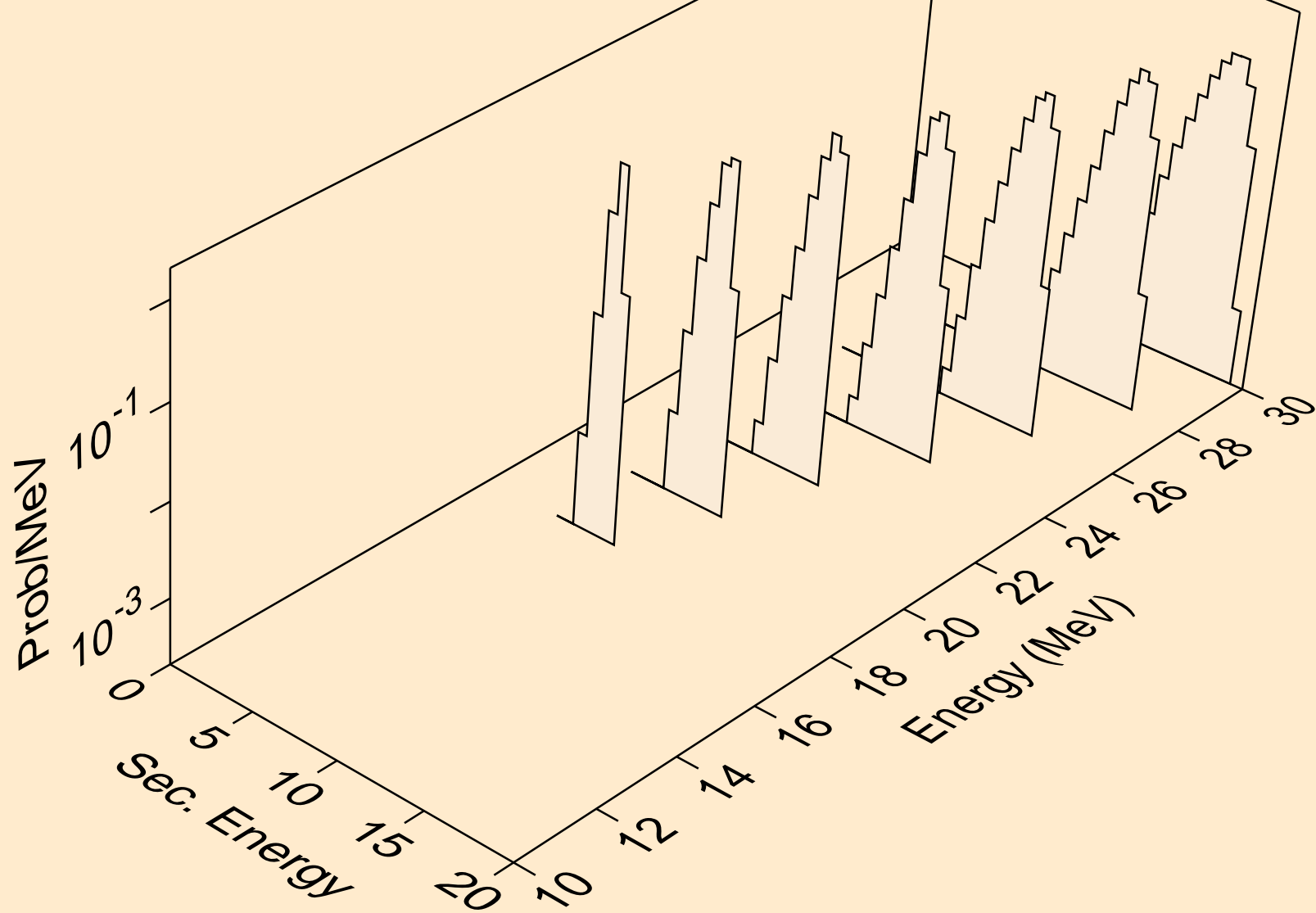




ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

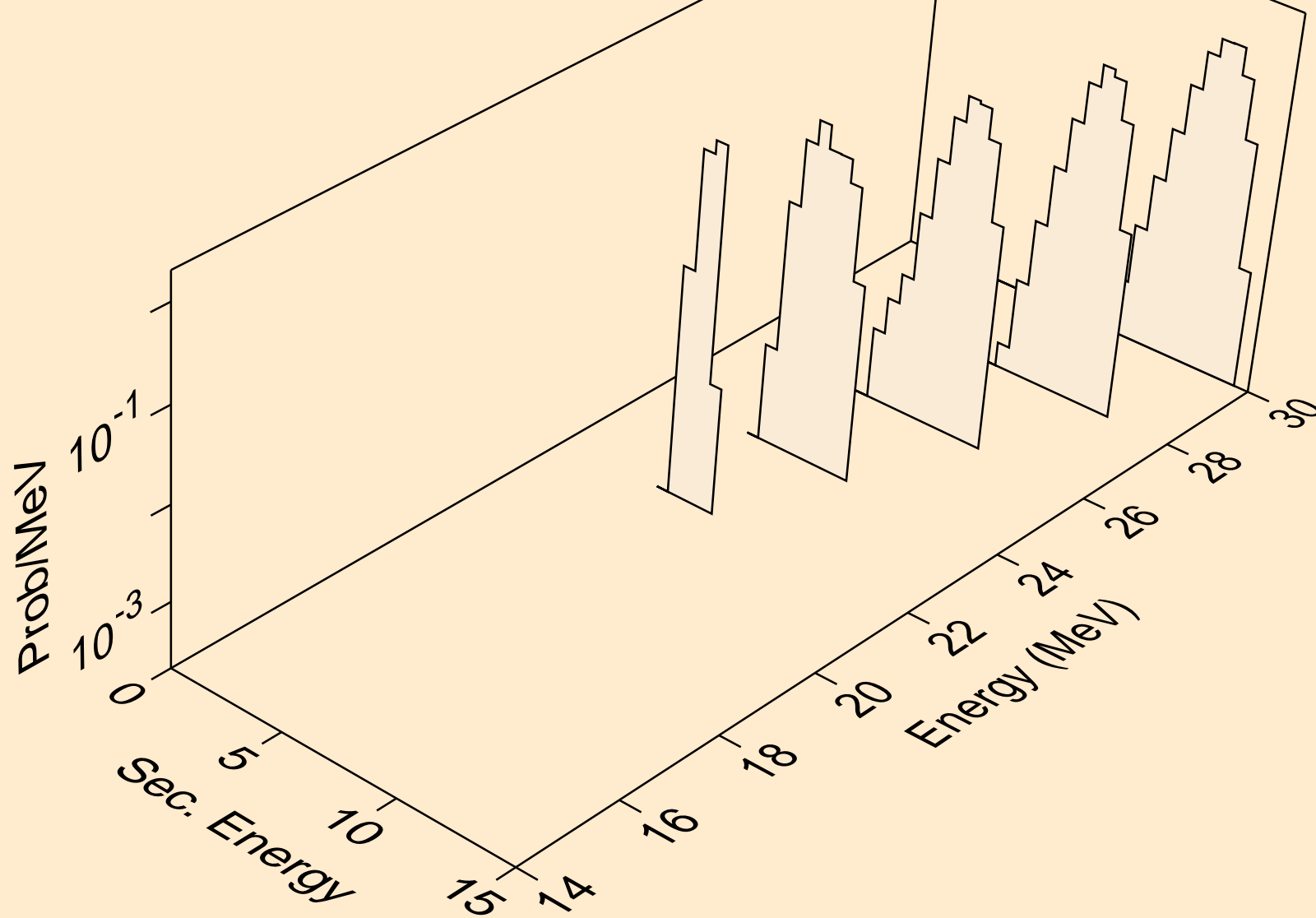


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

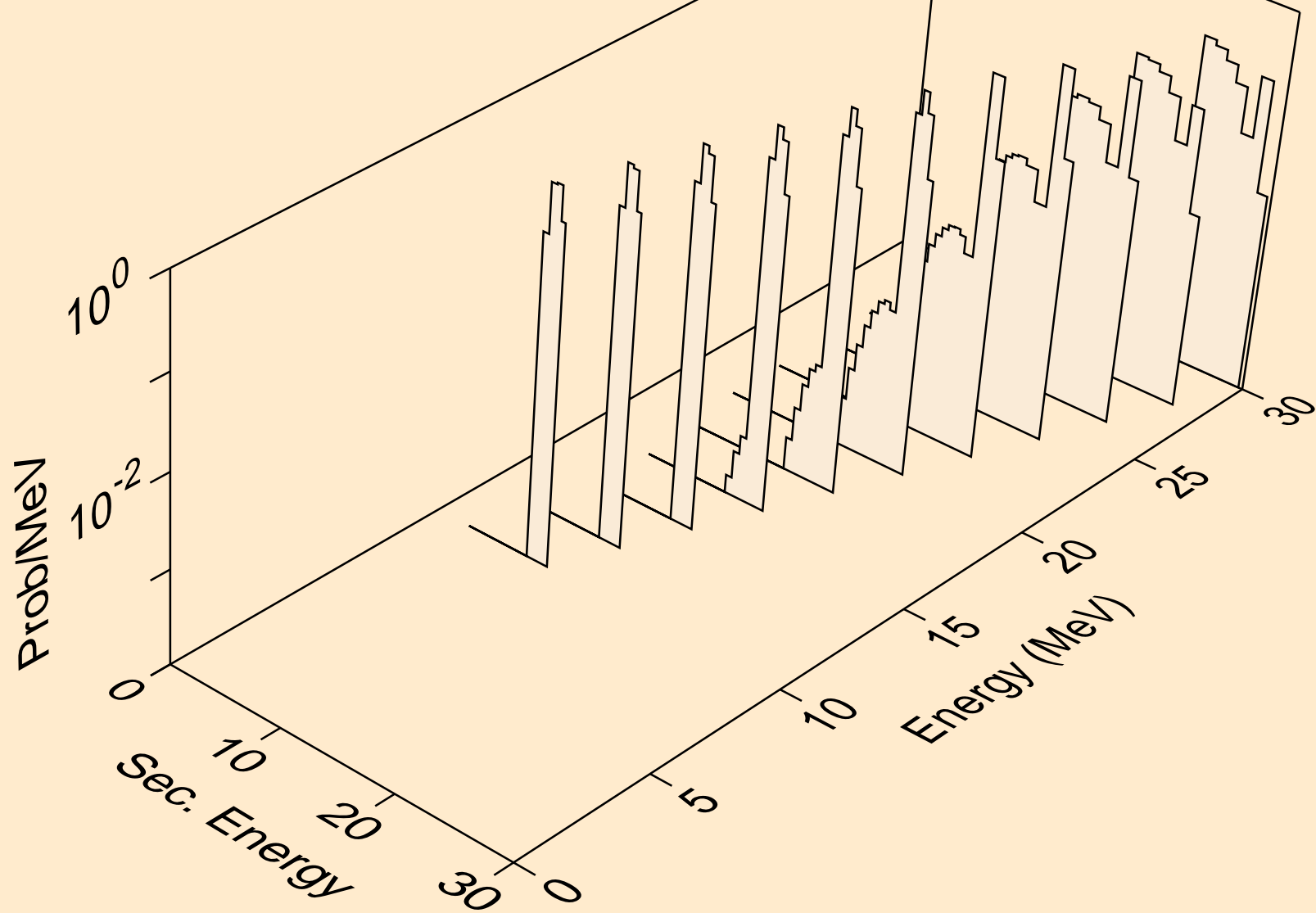


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

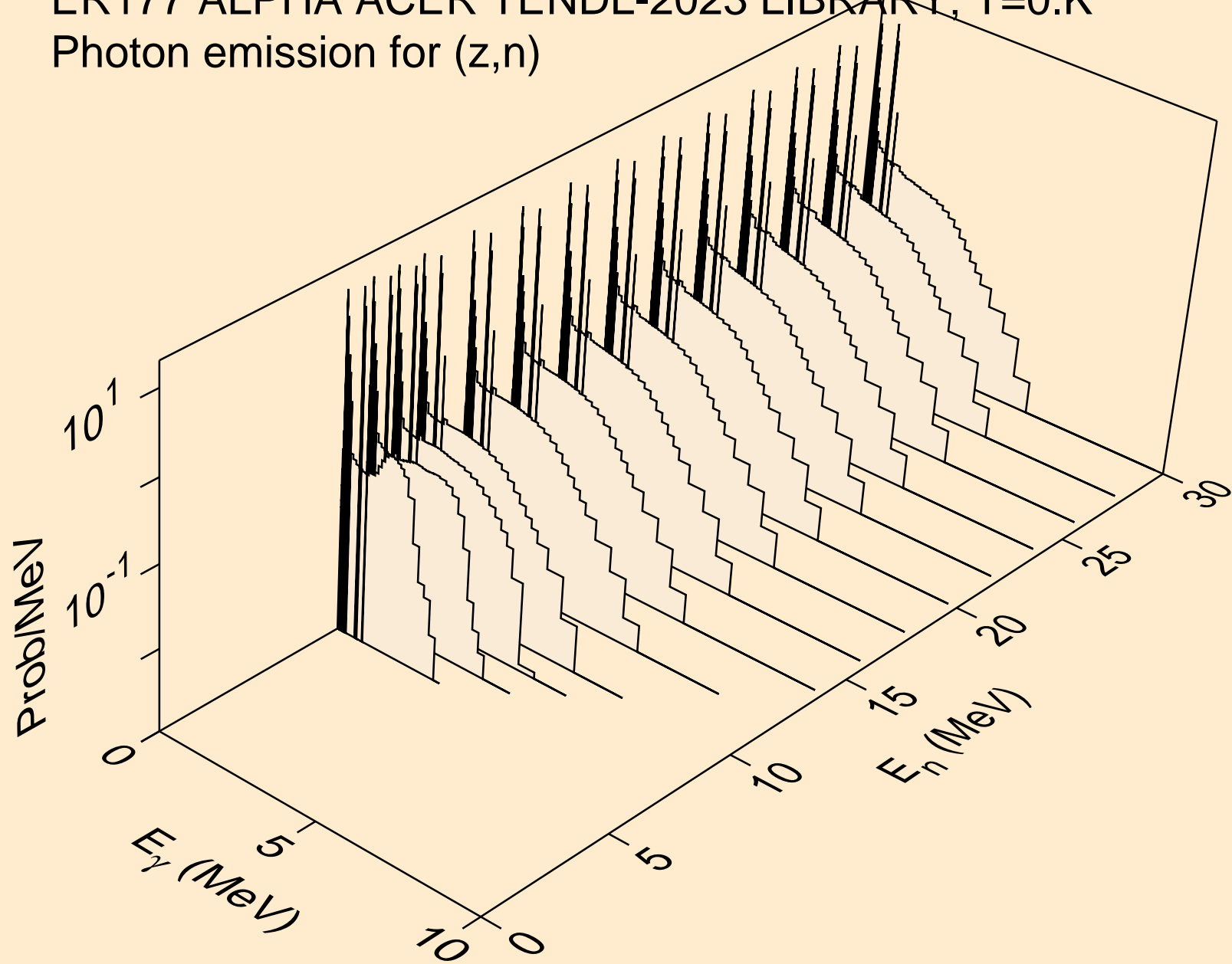
Alpha emission for (a,3n)a



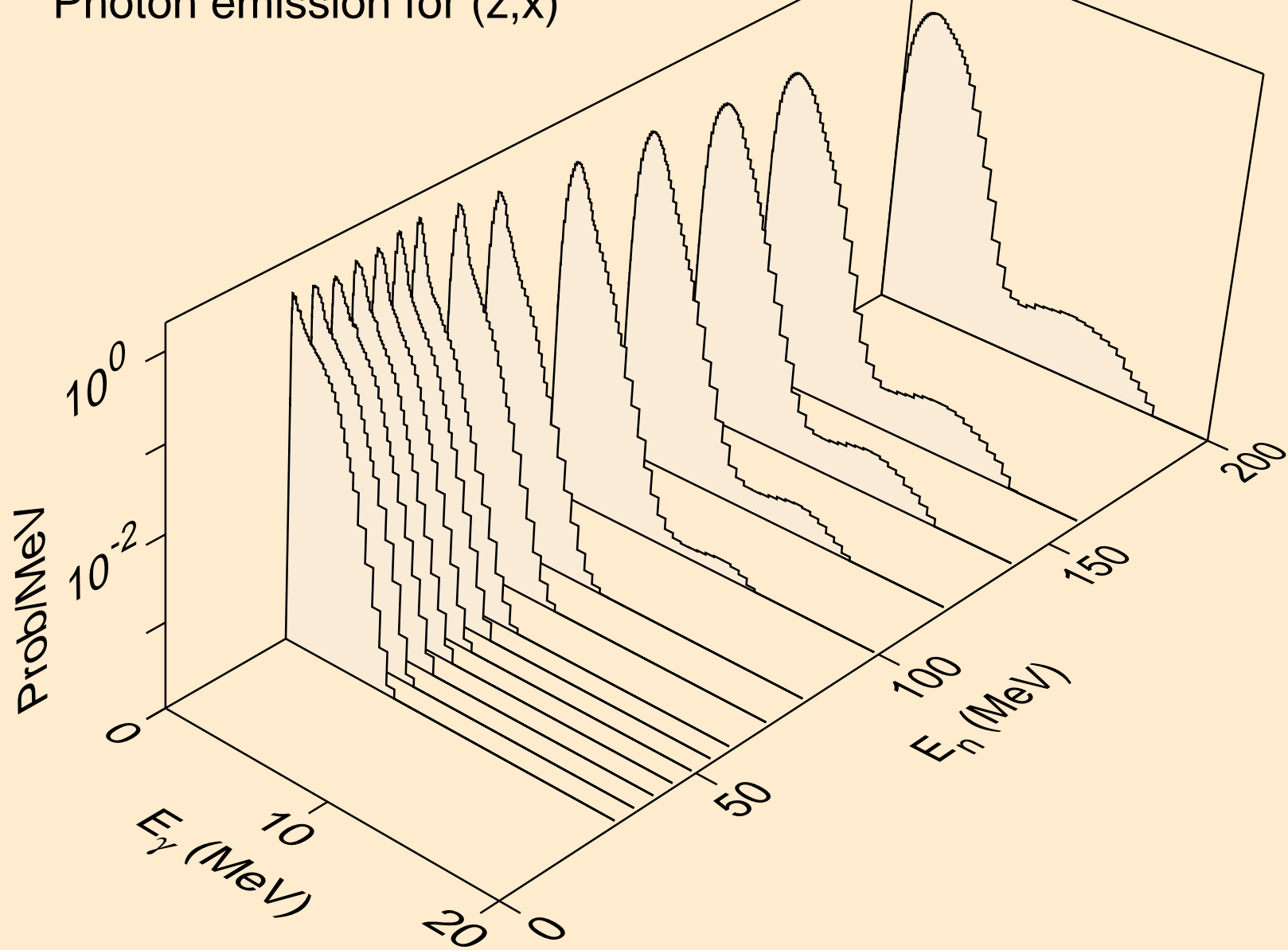
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



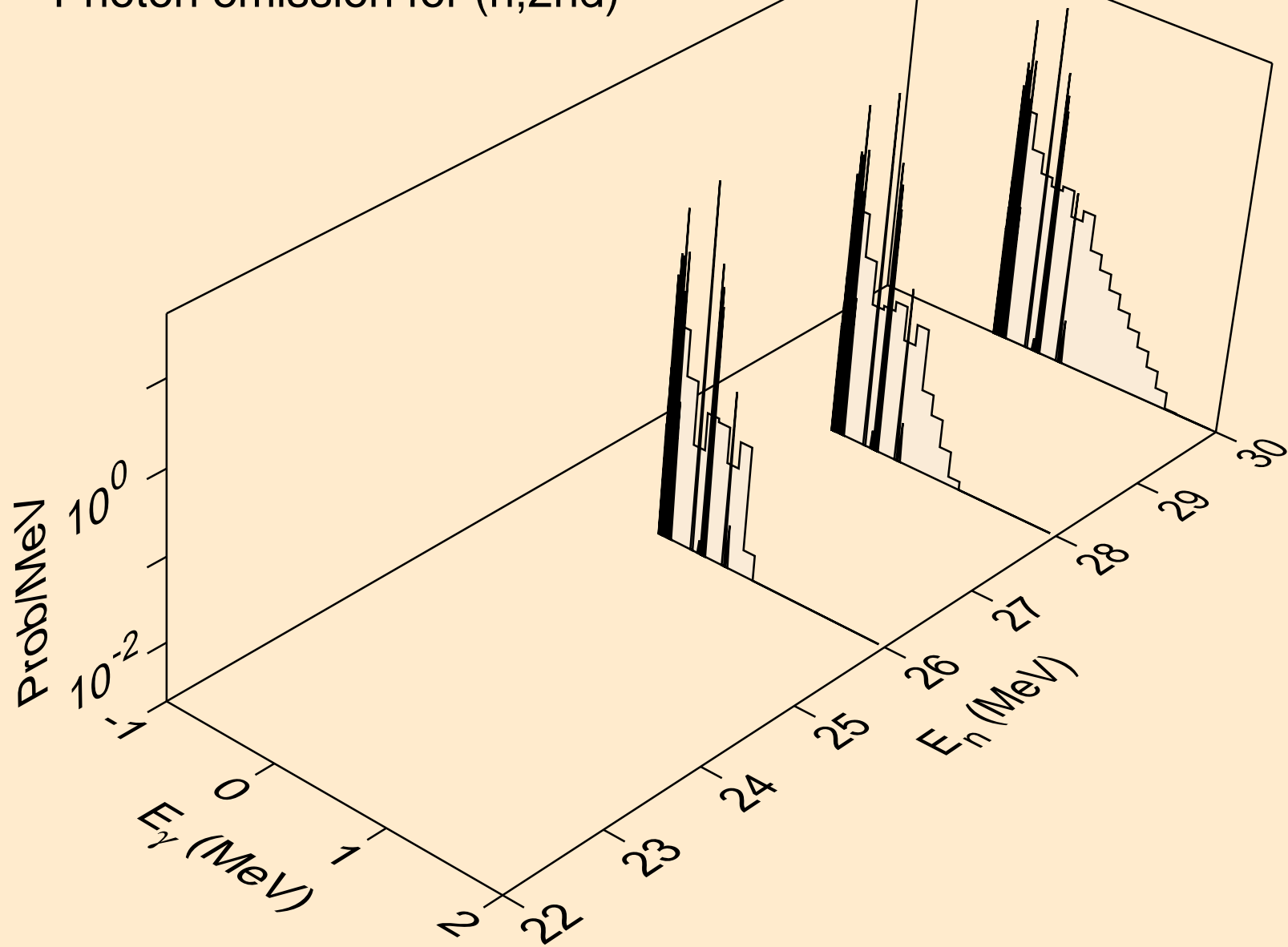
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



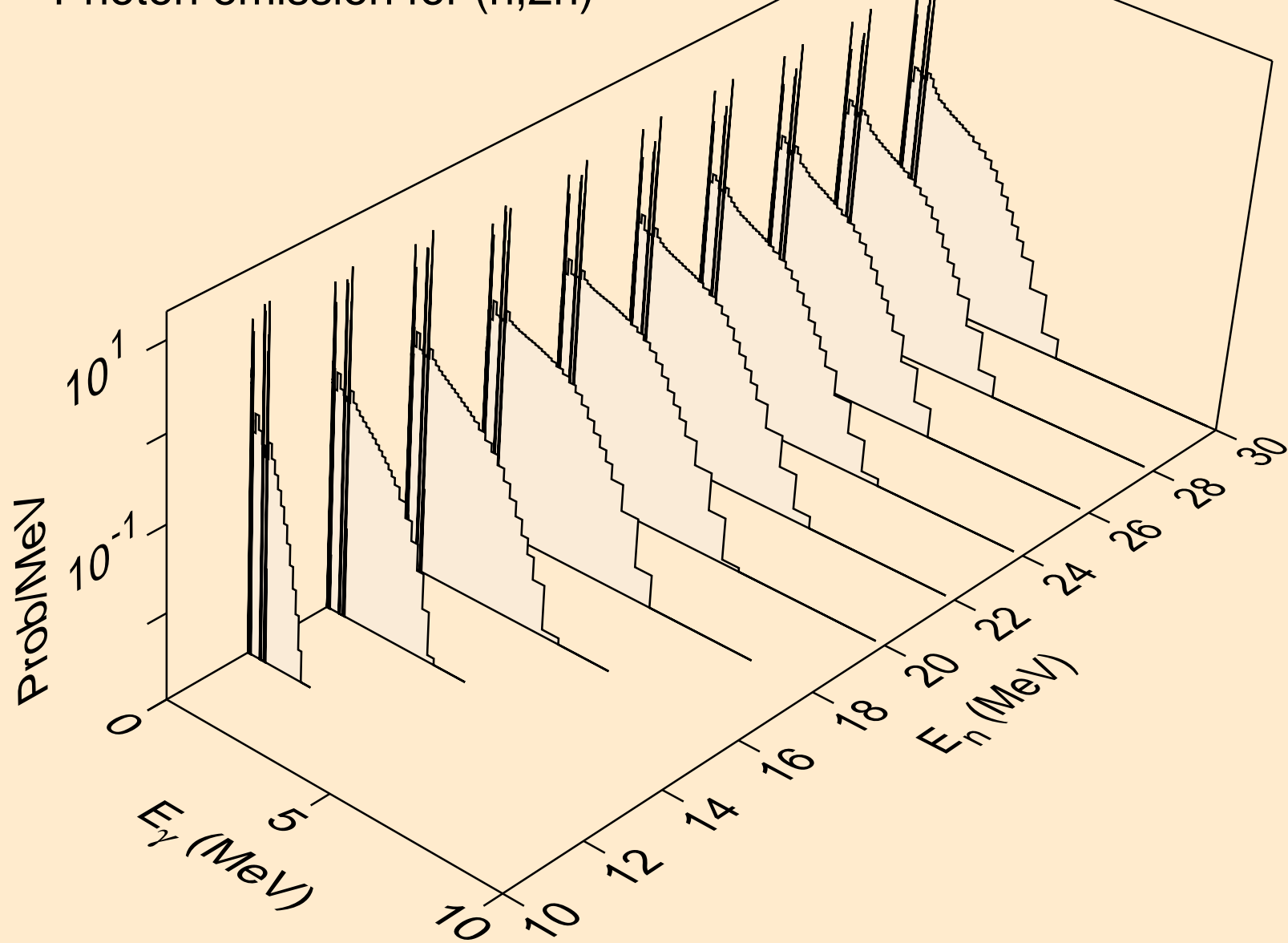
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

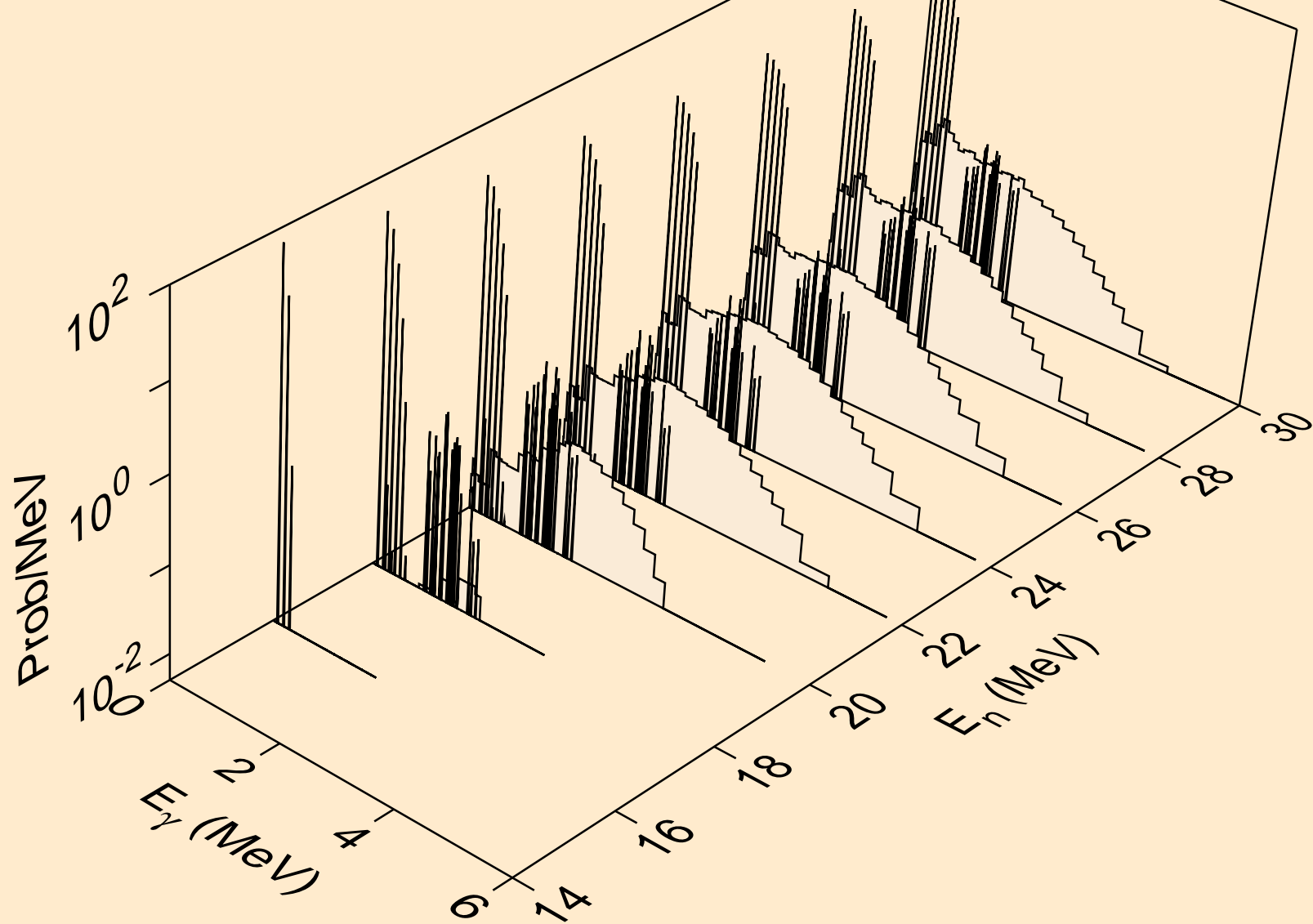


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

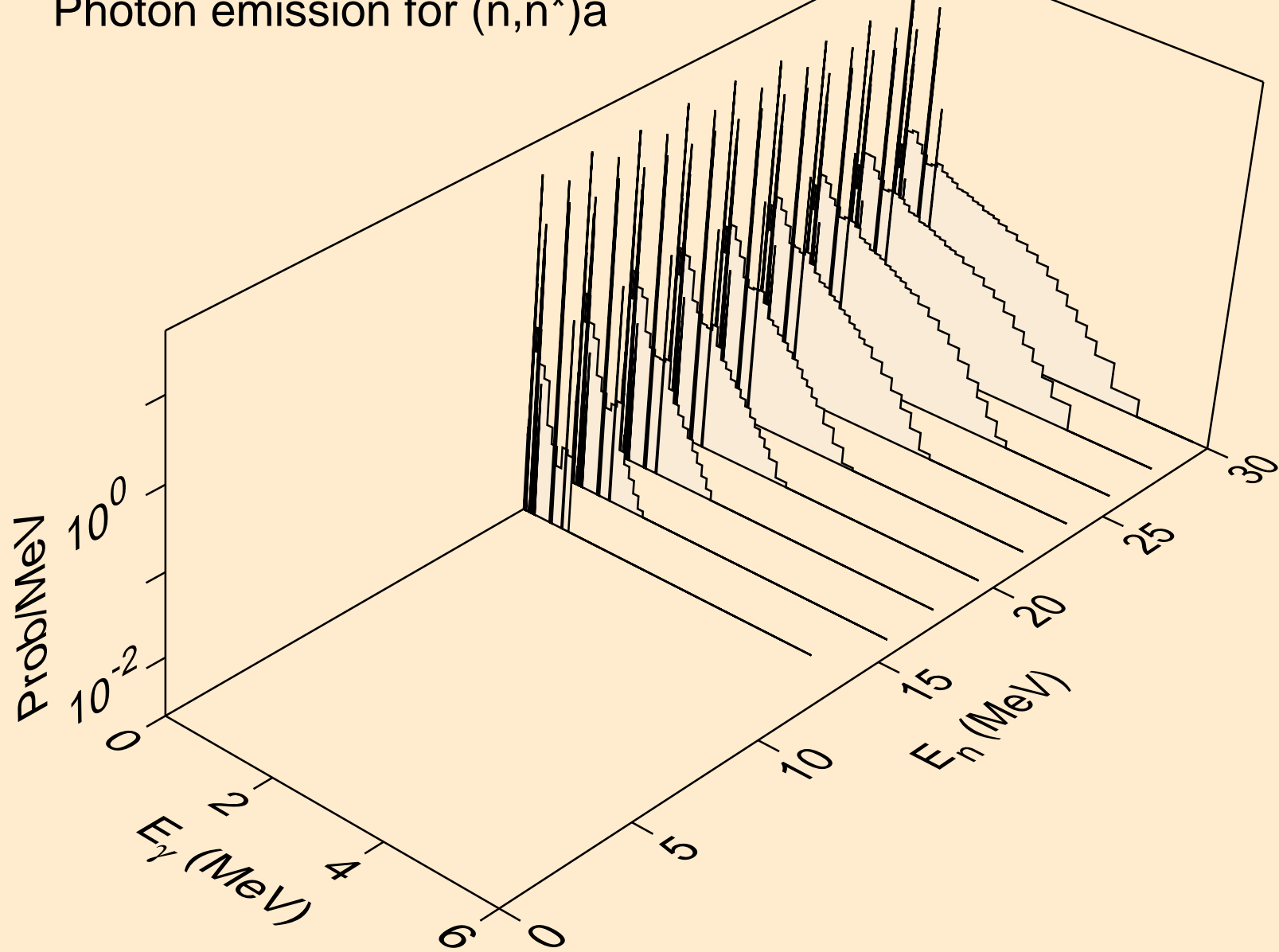




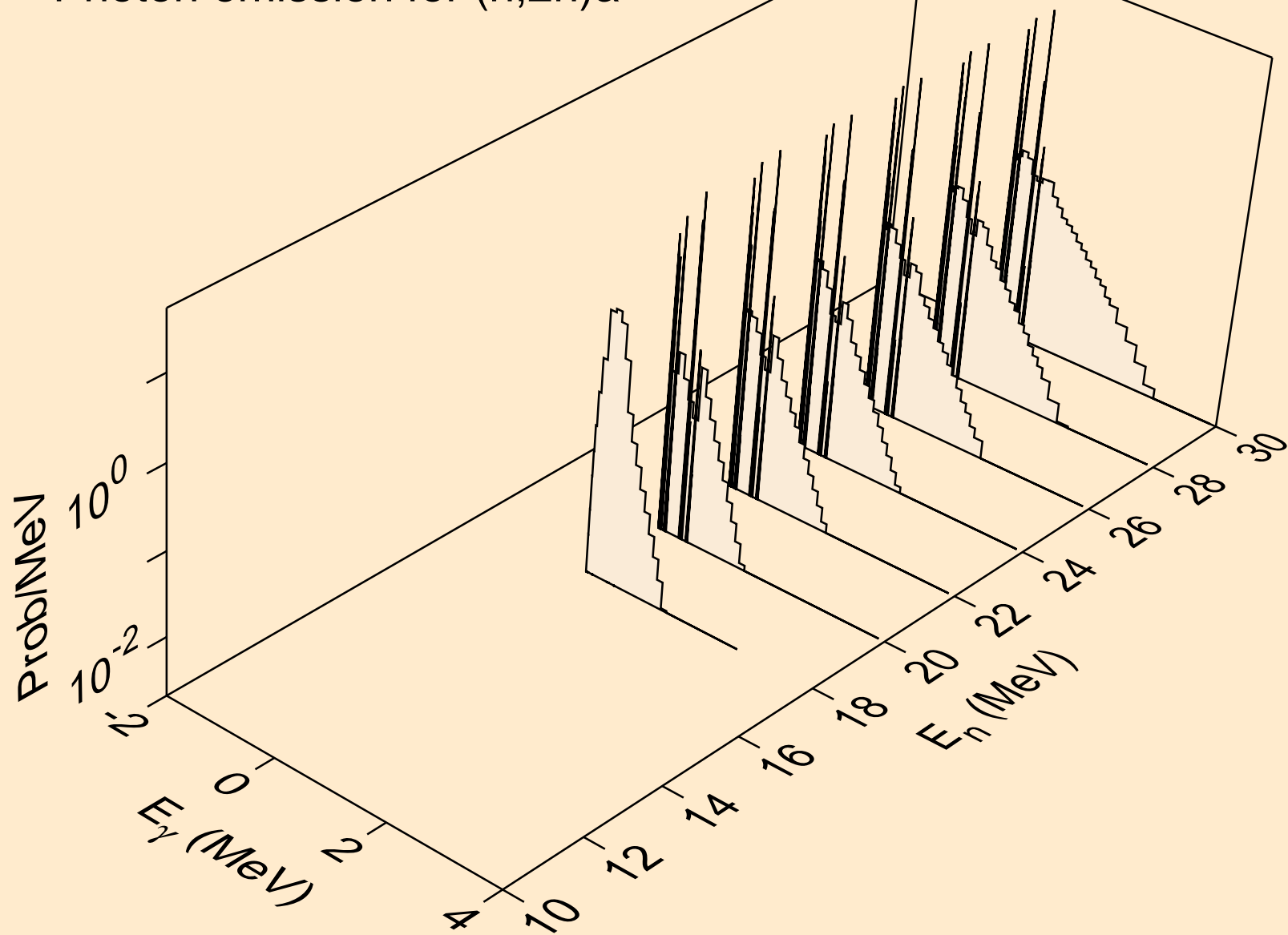
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



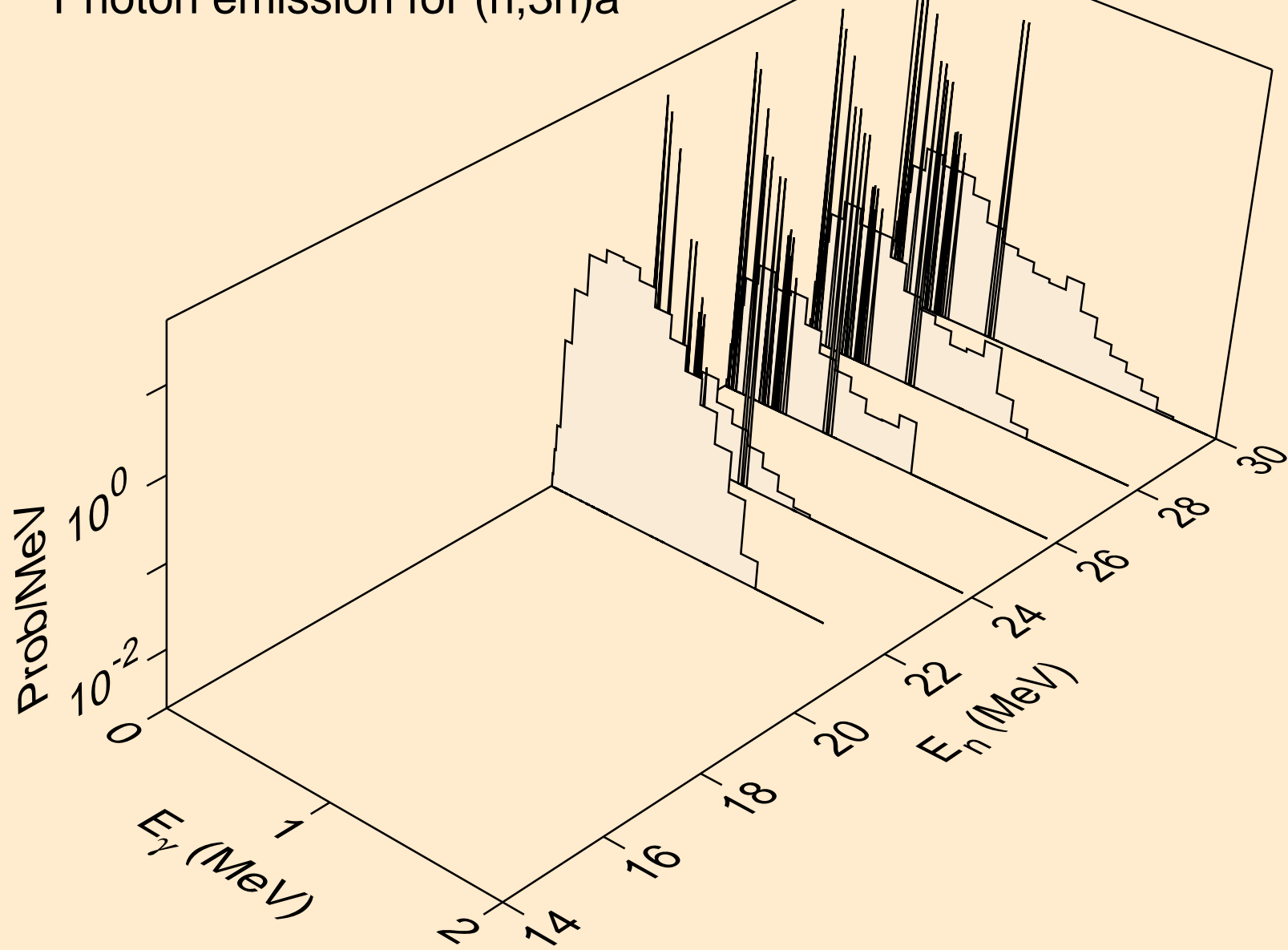
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



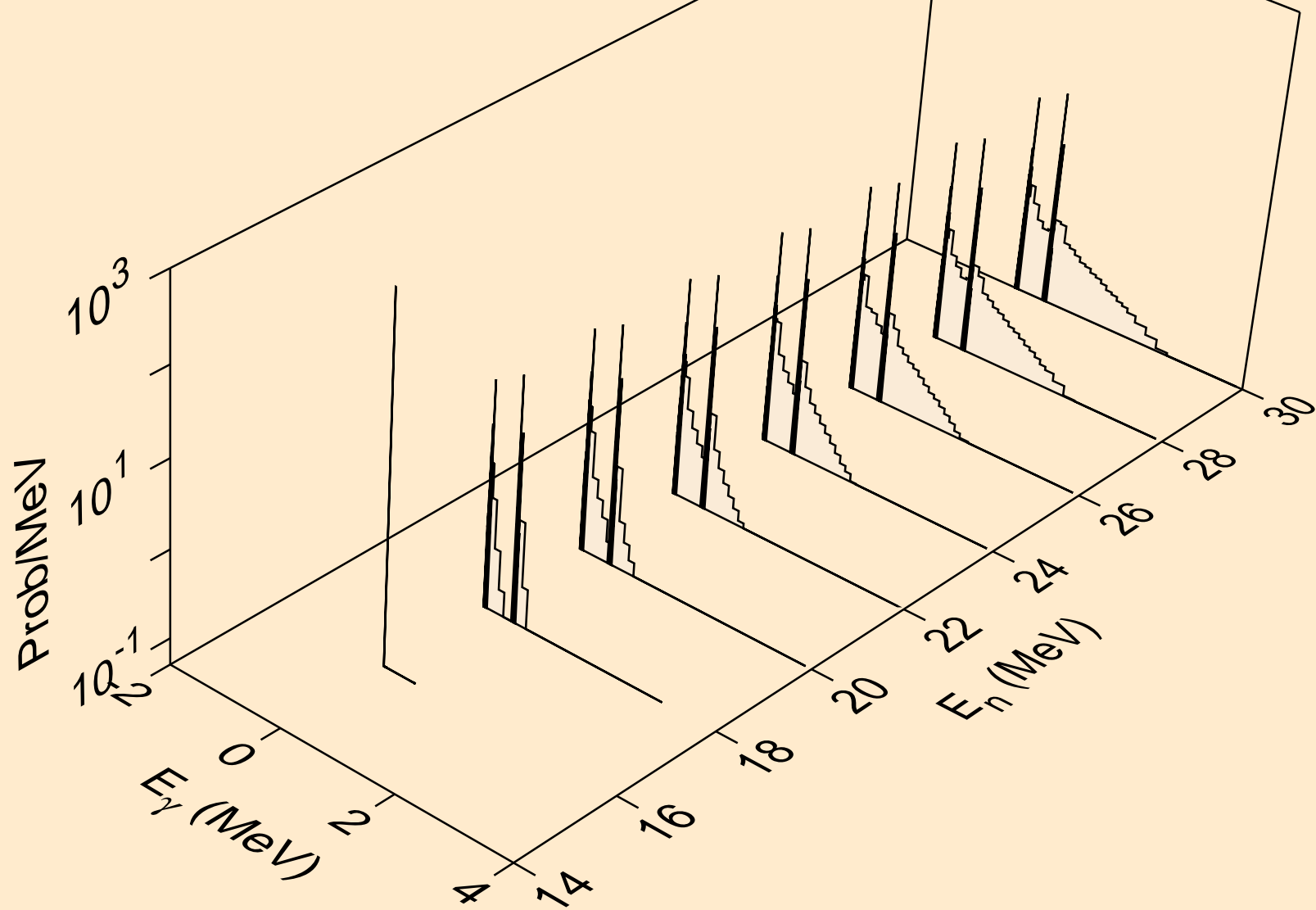
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



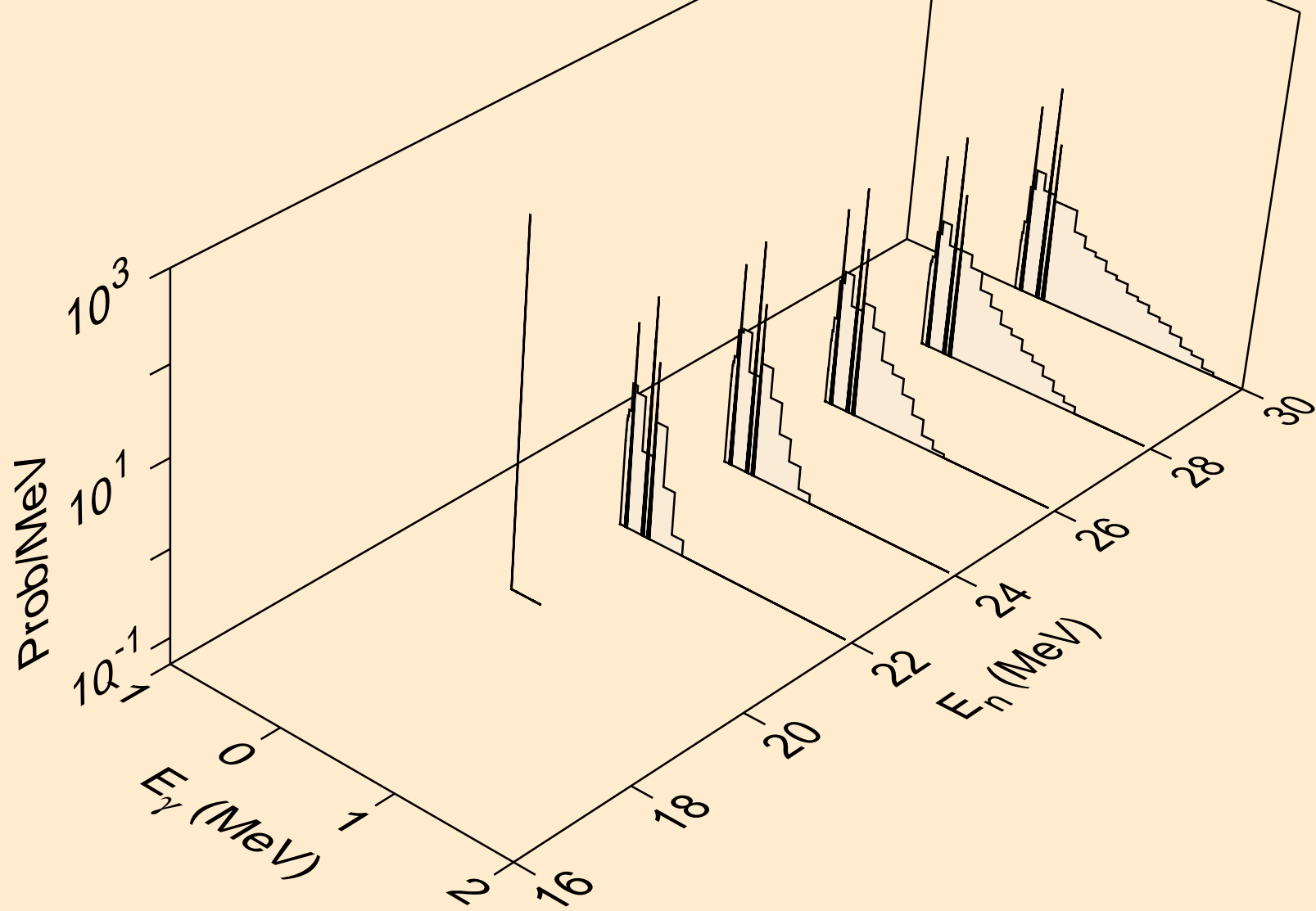
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



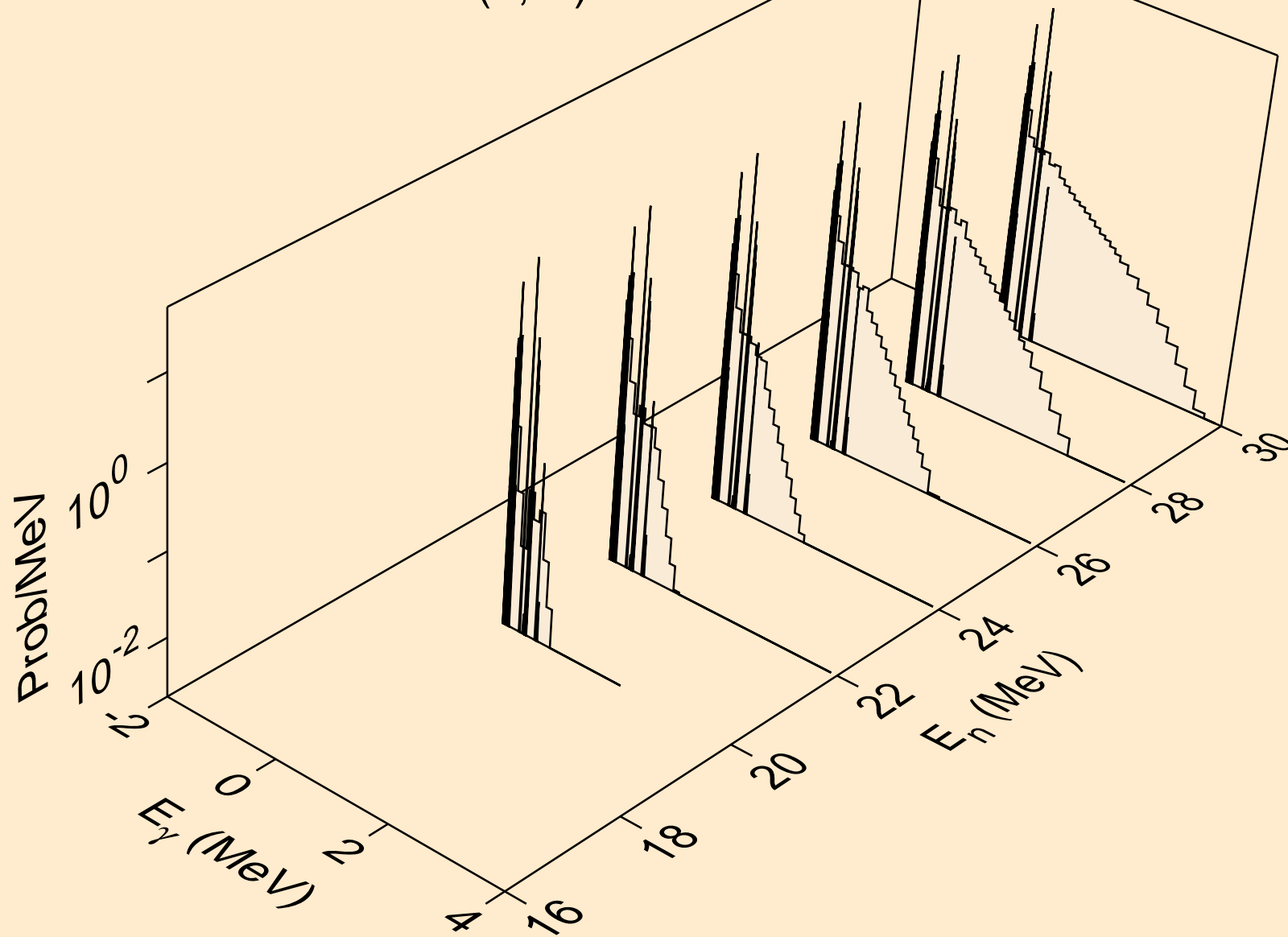
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



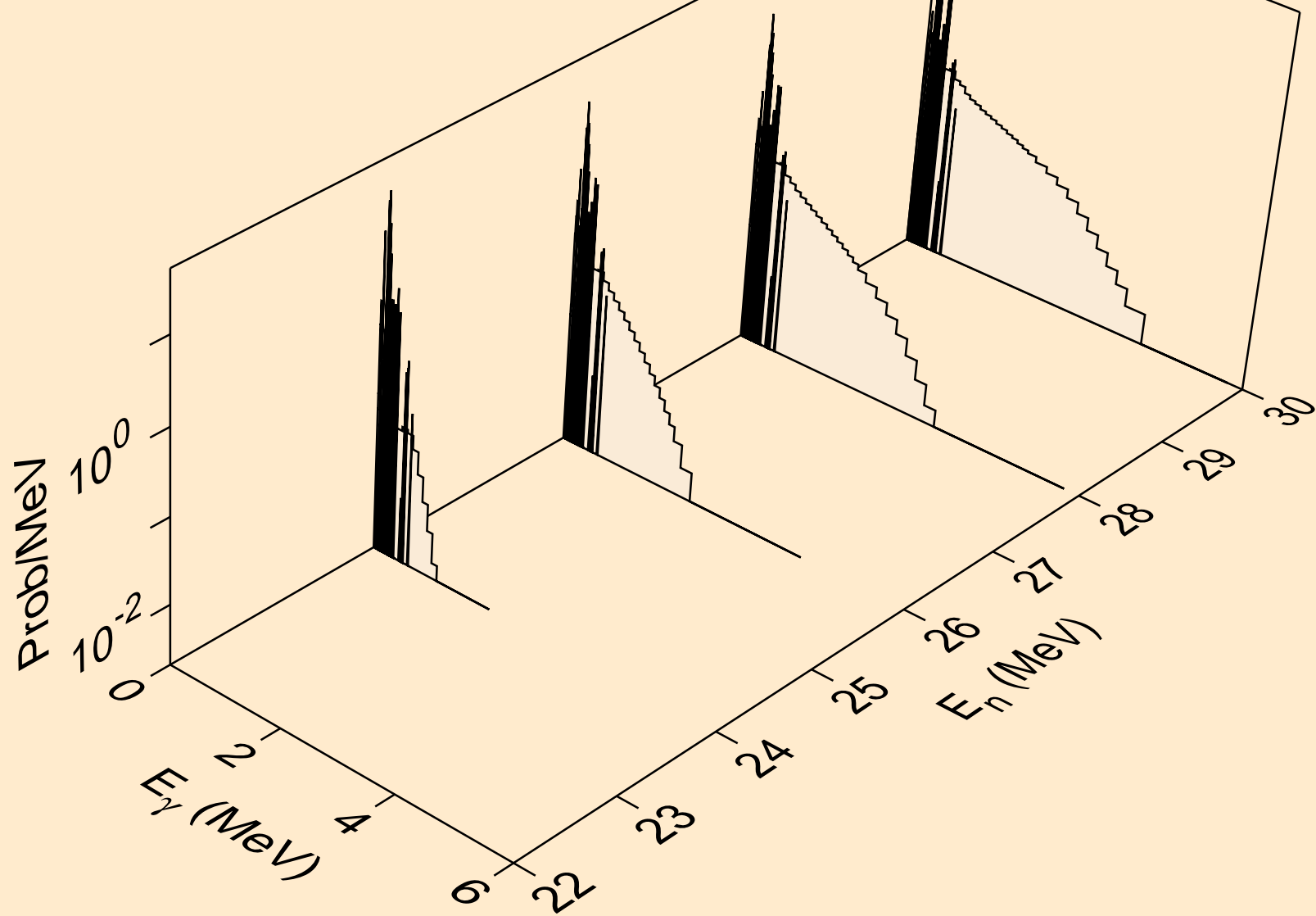
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

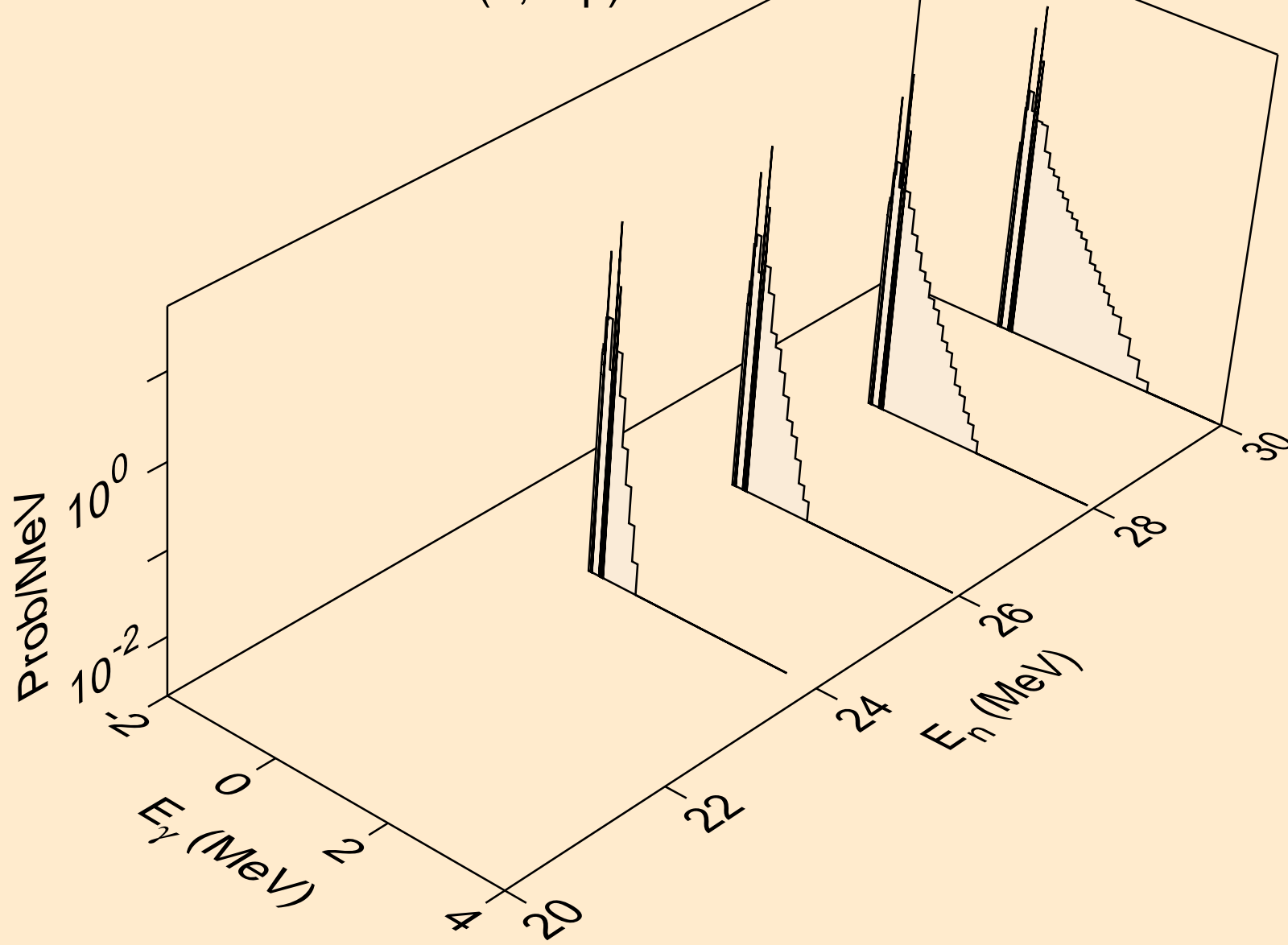


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

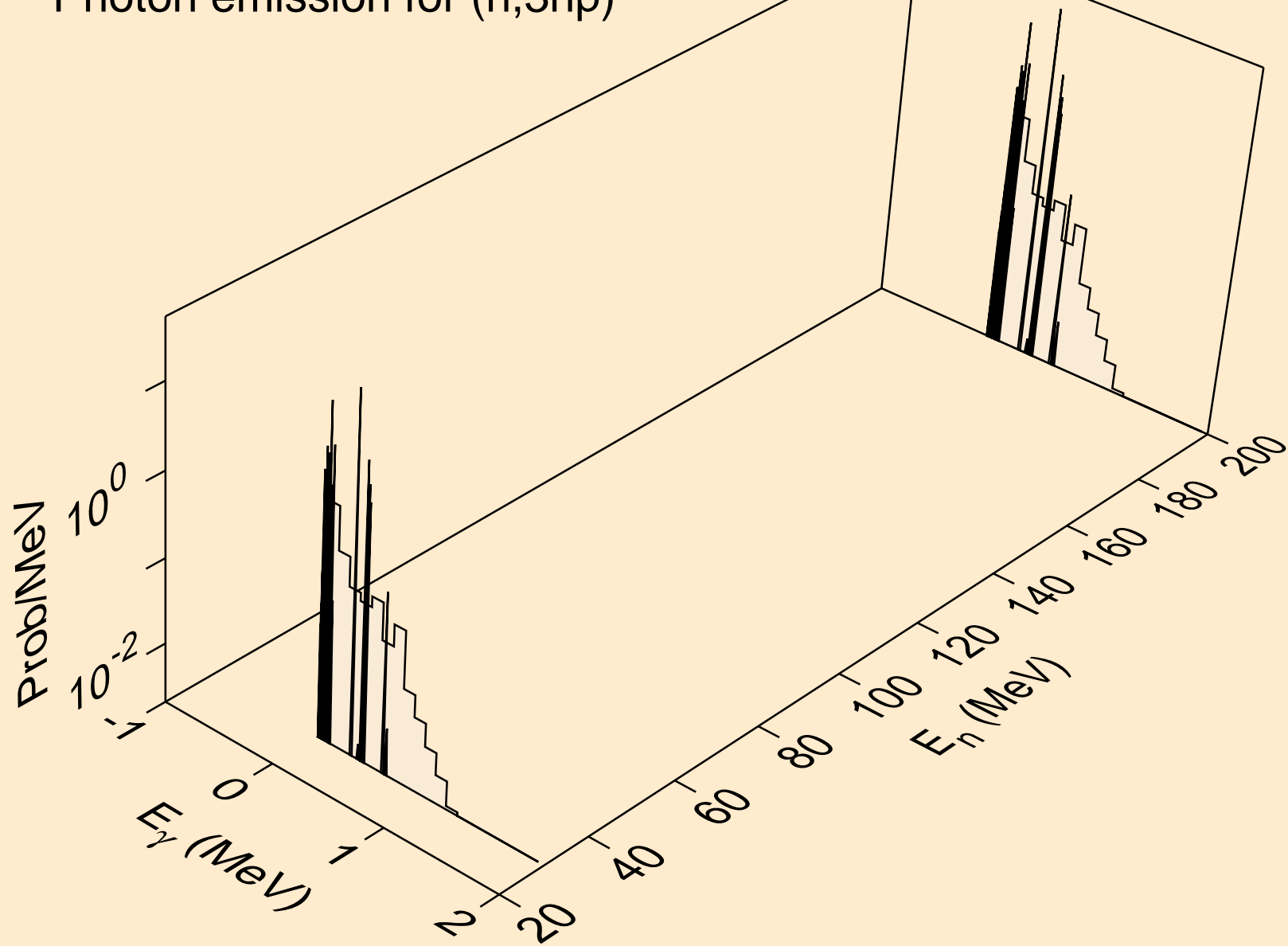




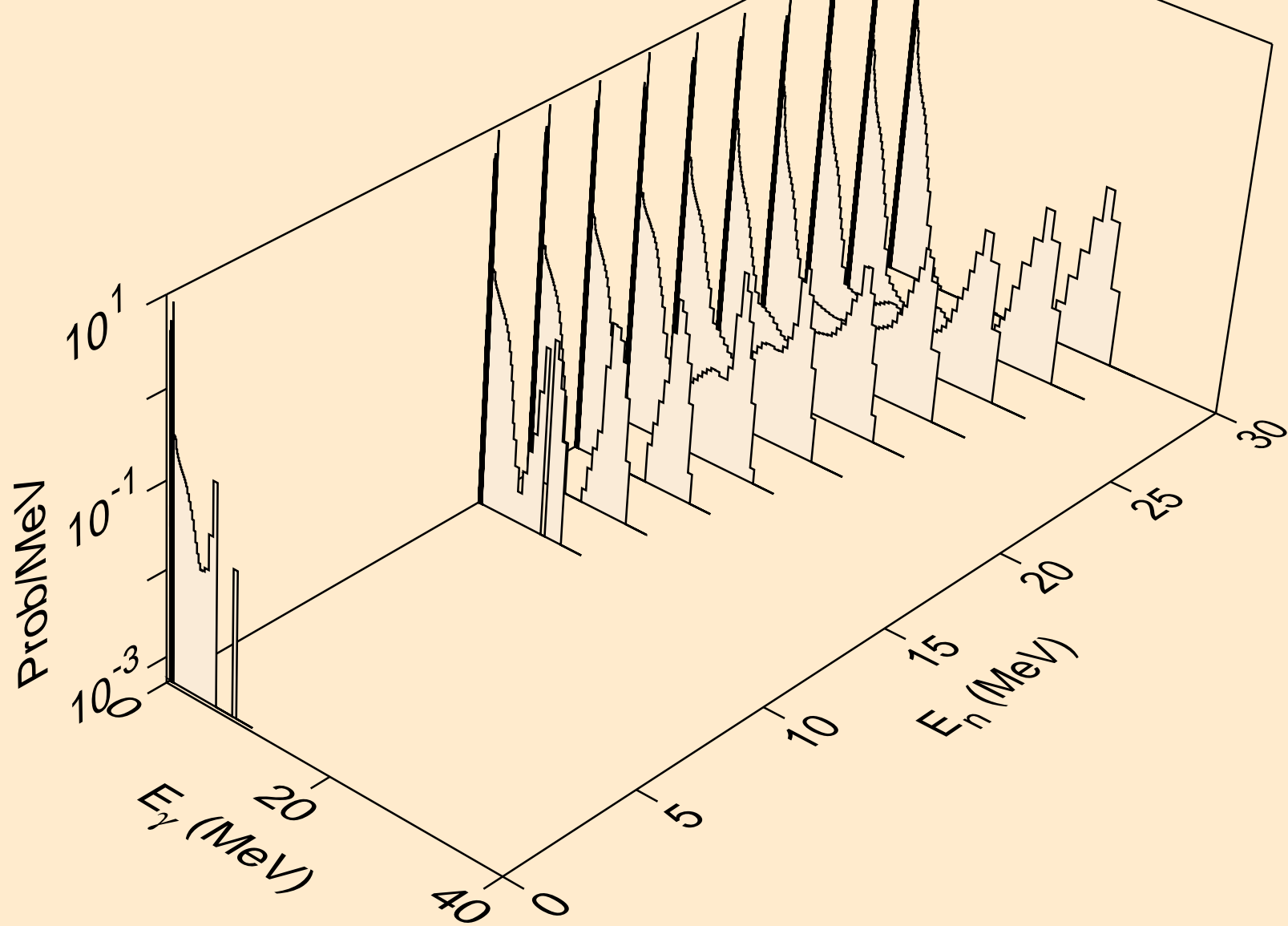
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



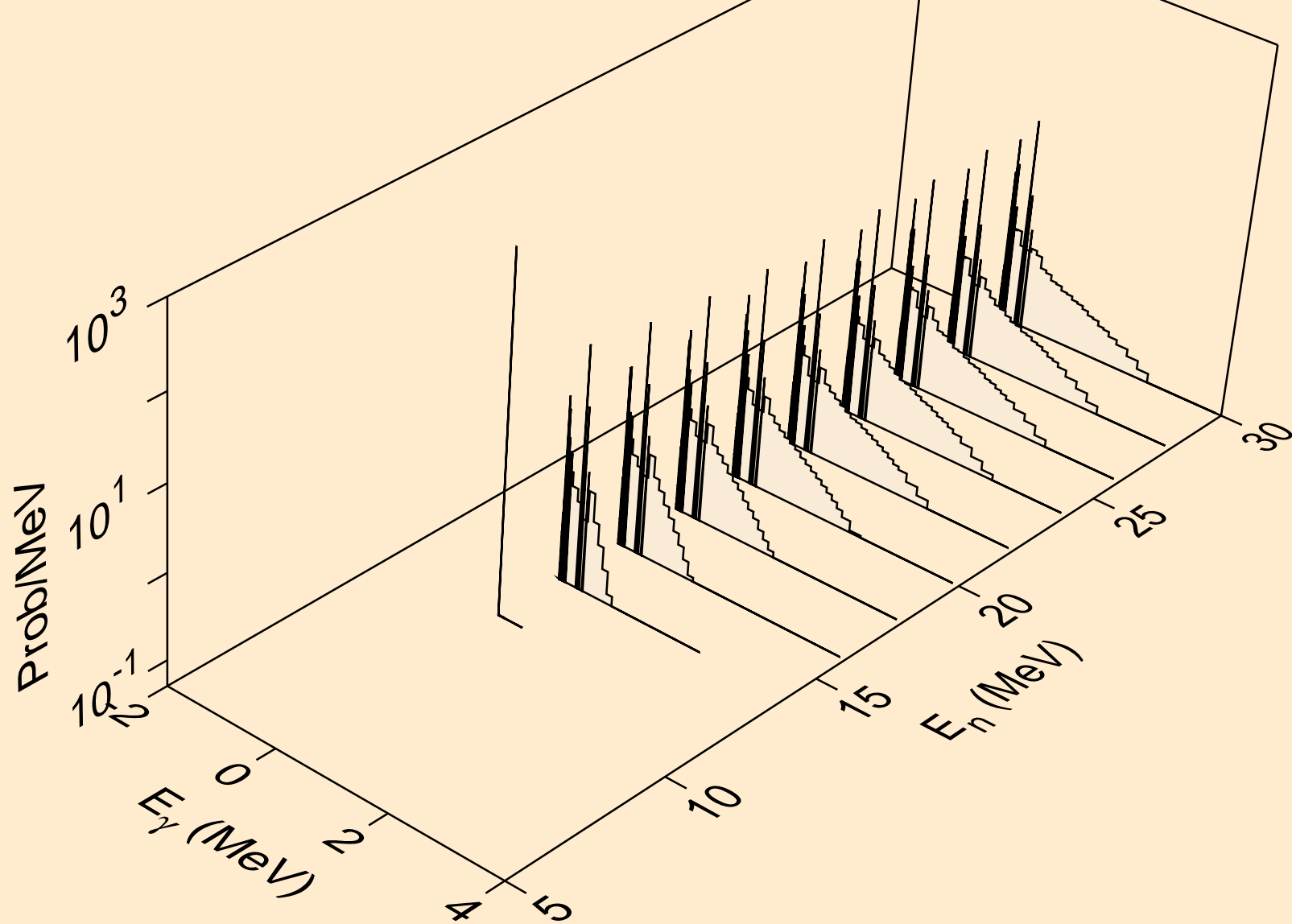
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



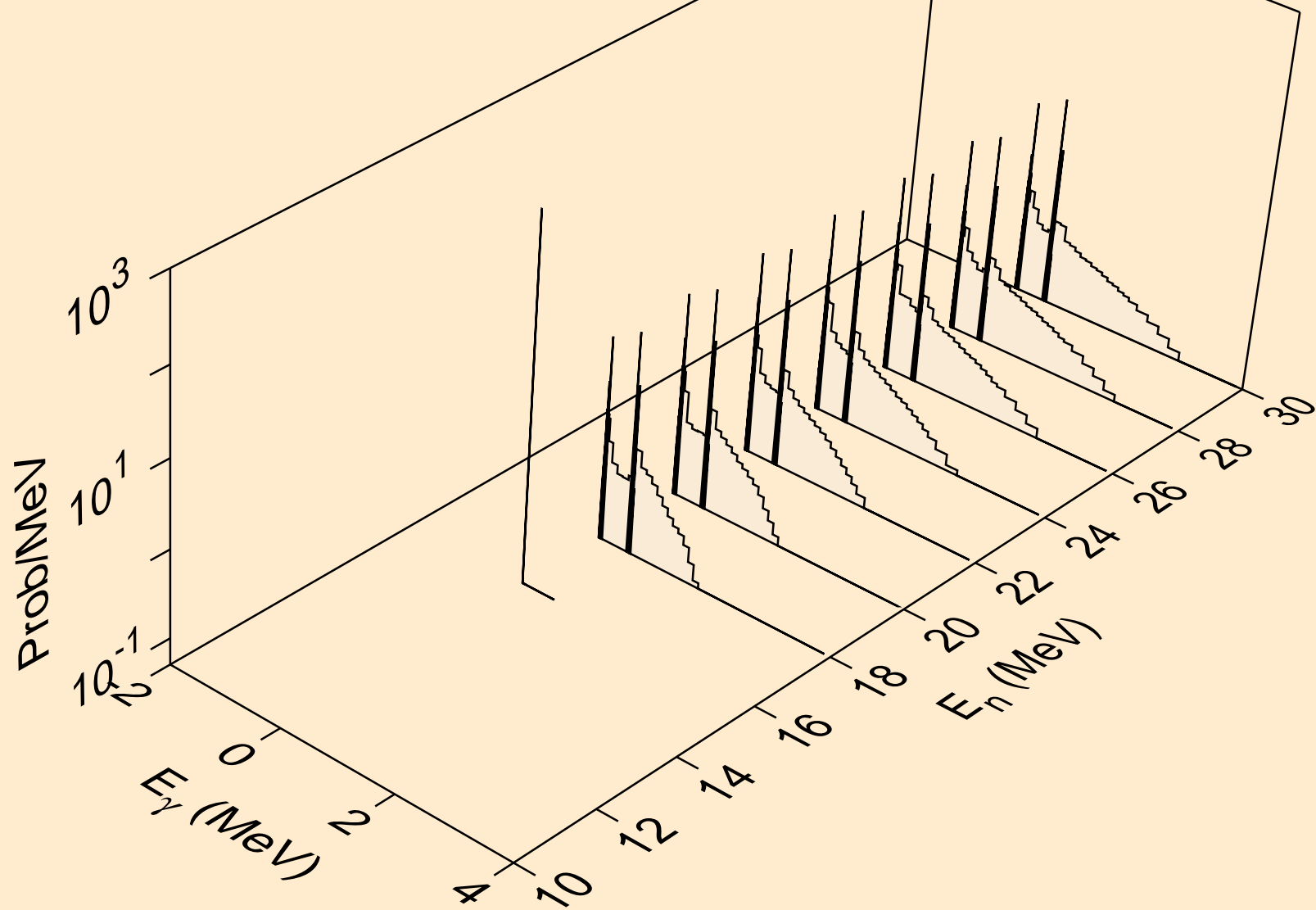
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



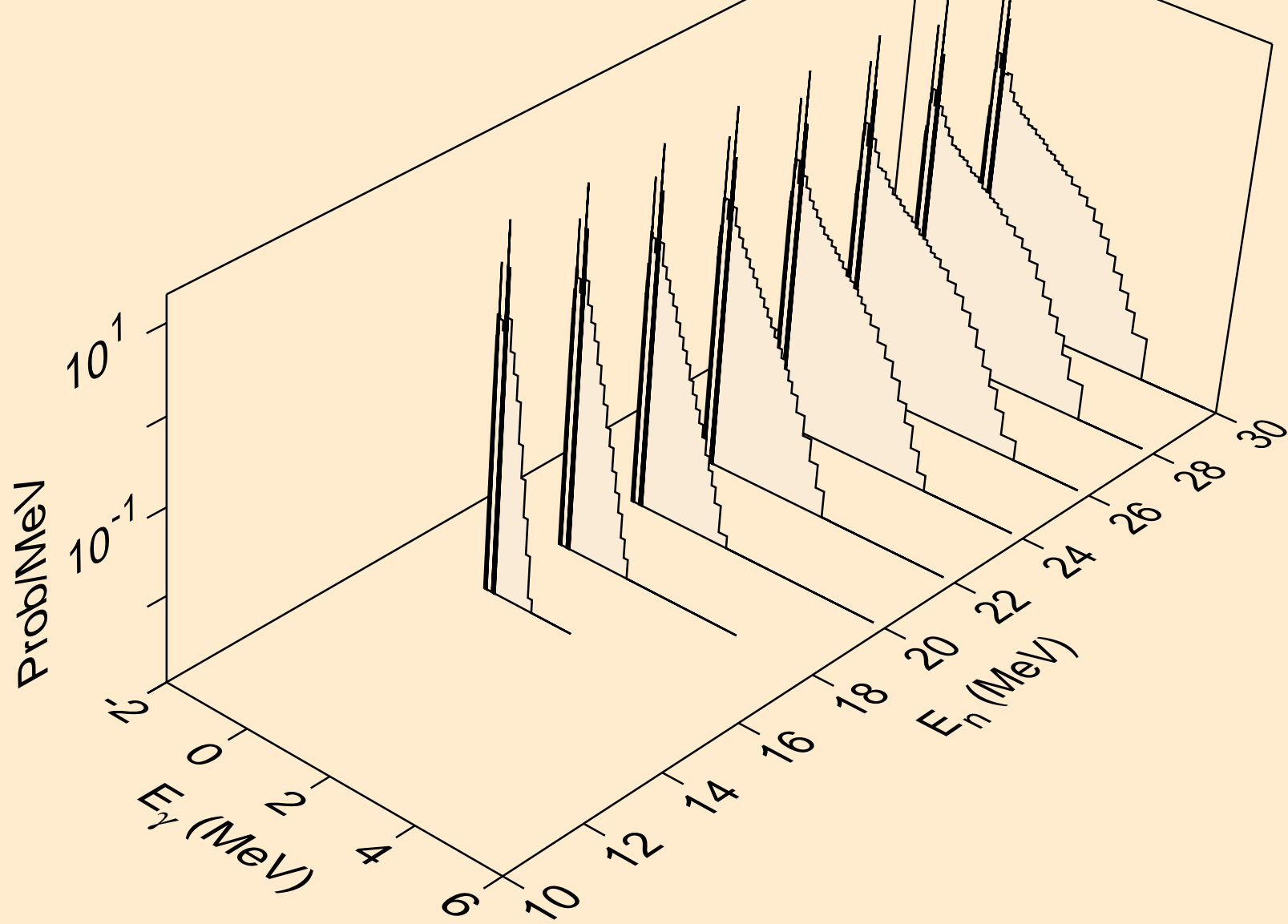
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



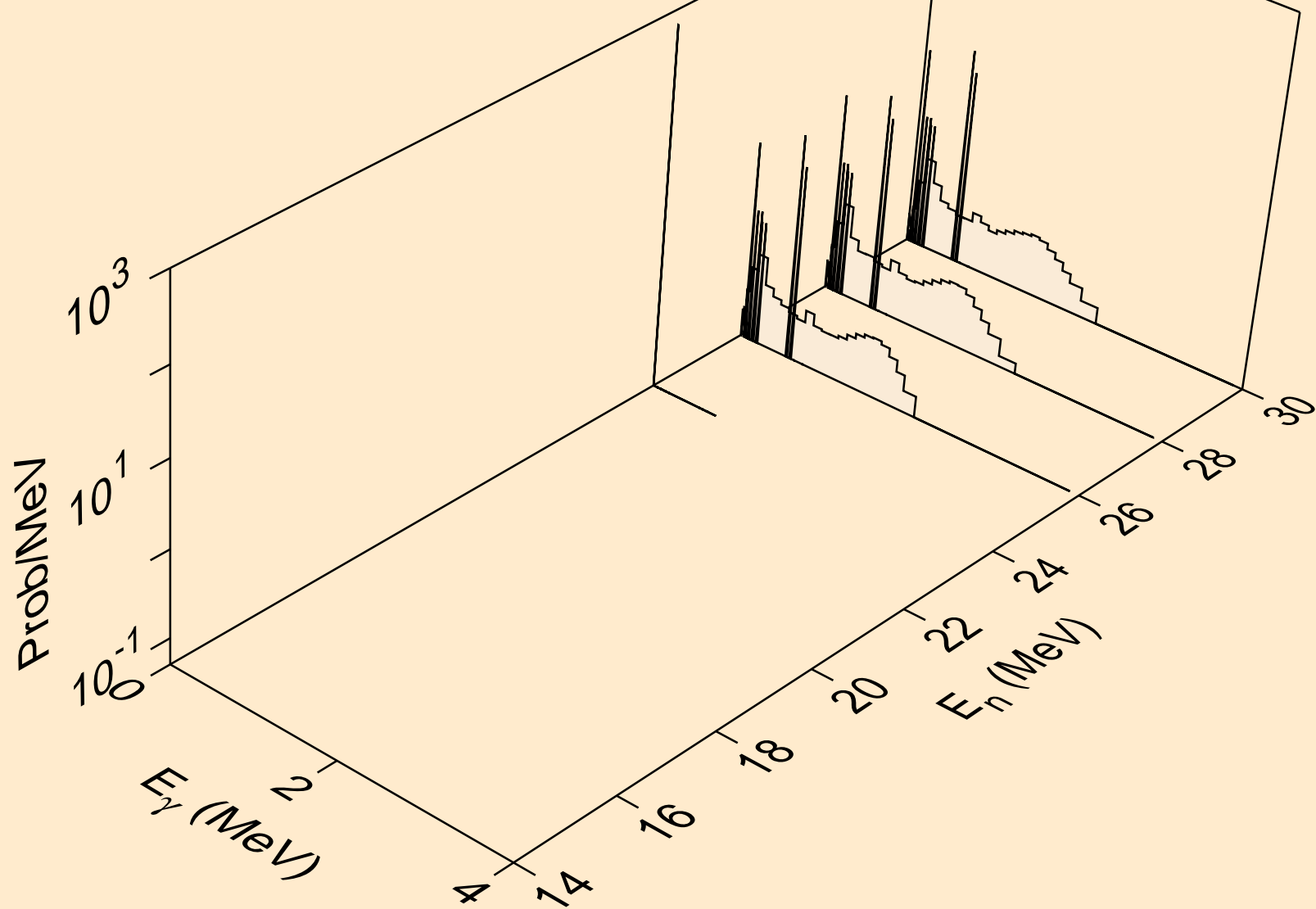
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



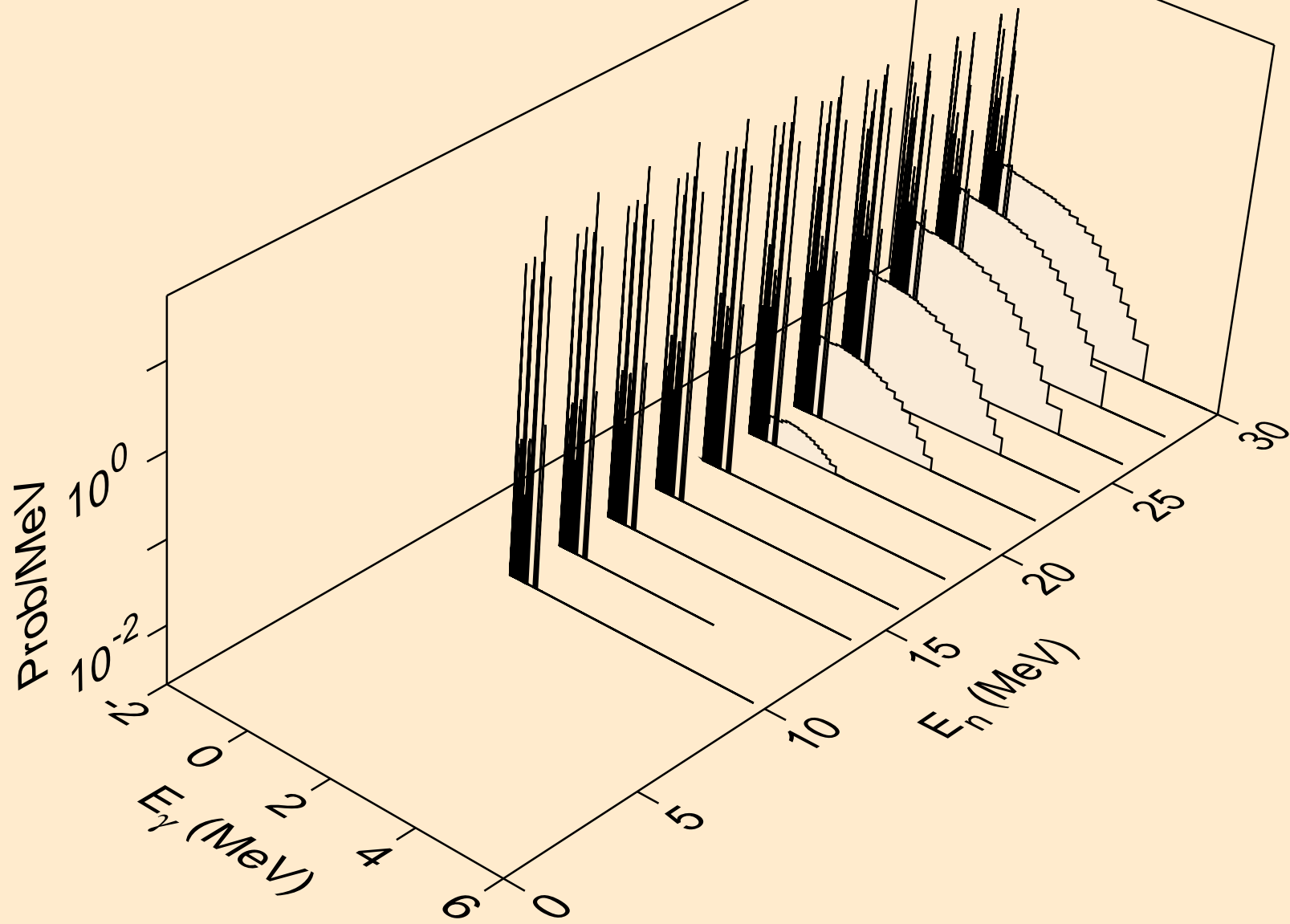
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

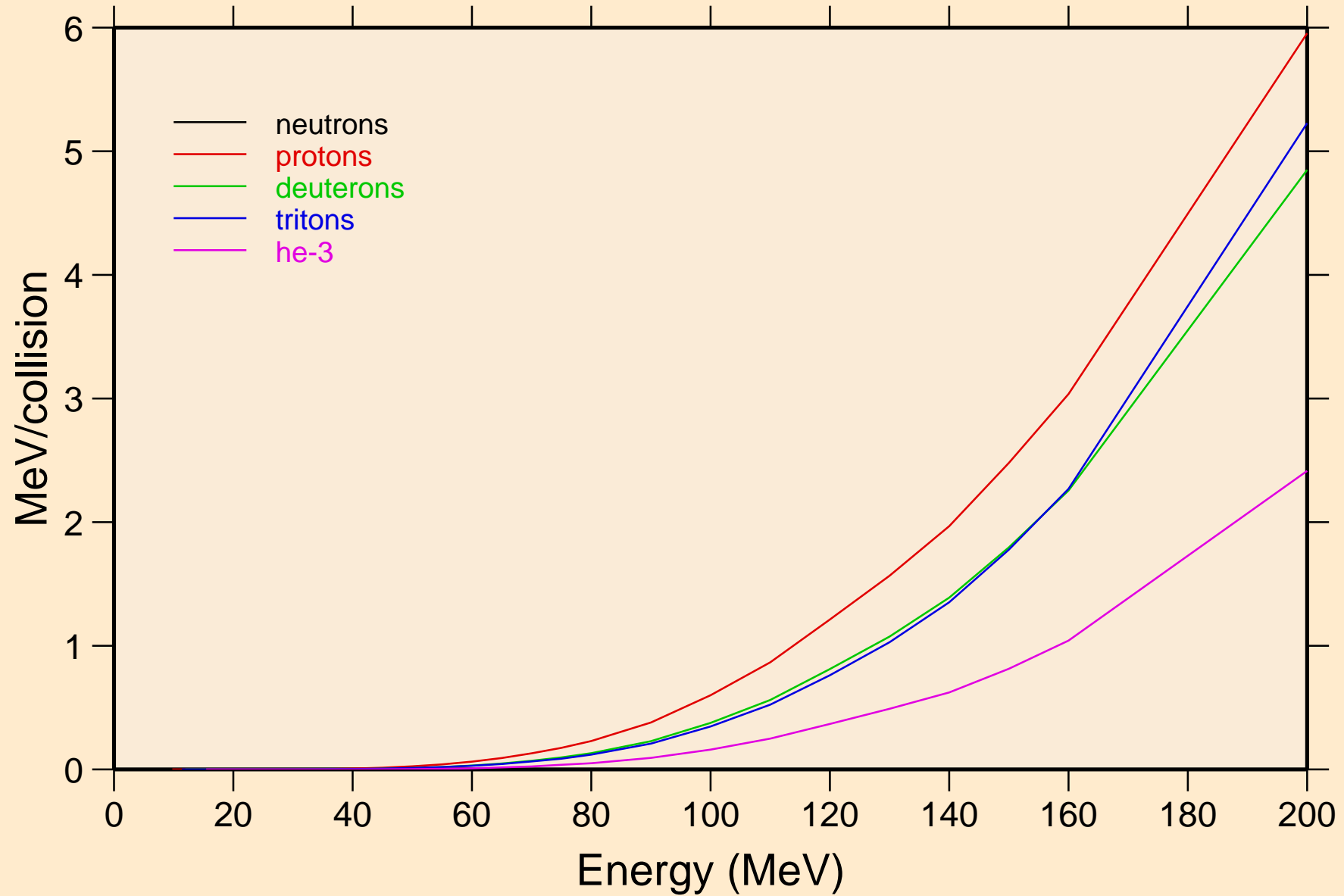


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

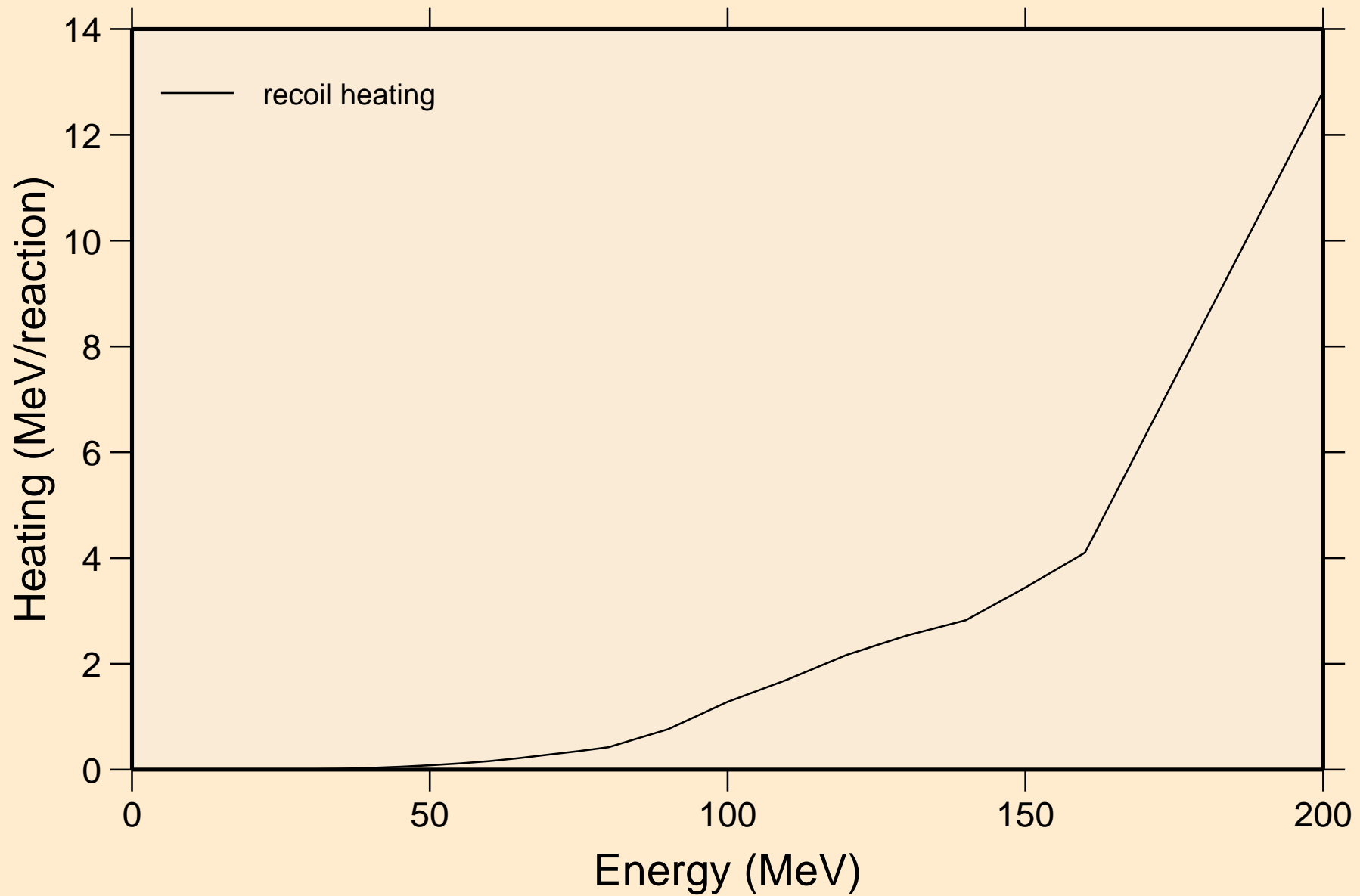




ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

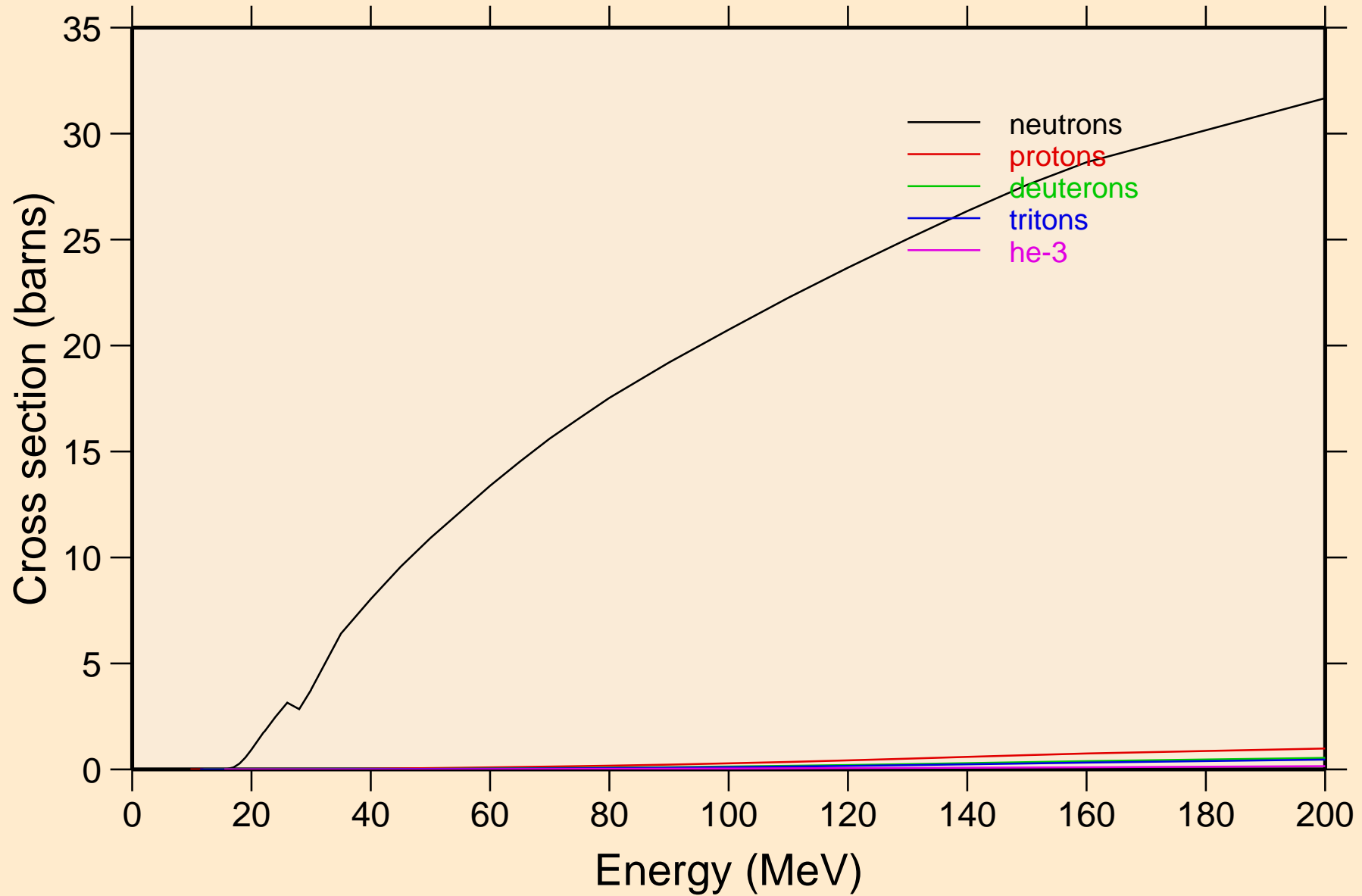


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

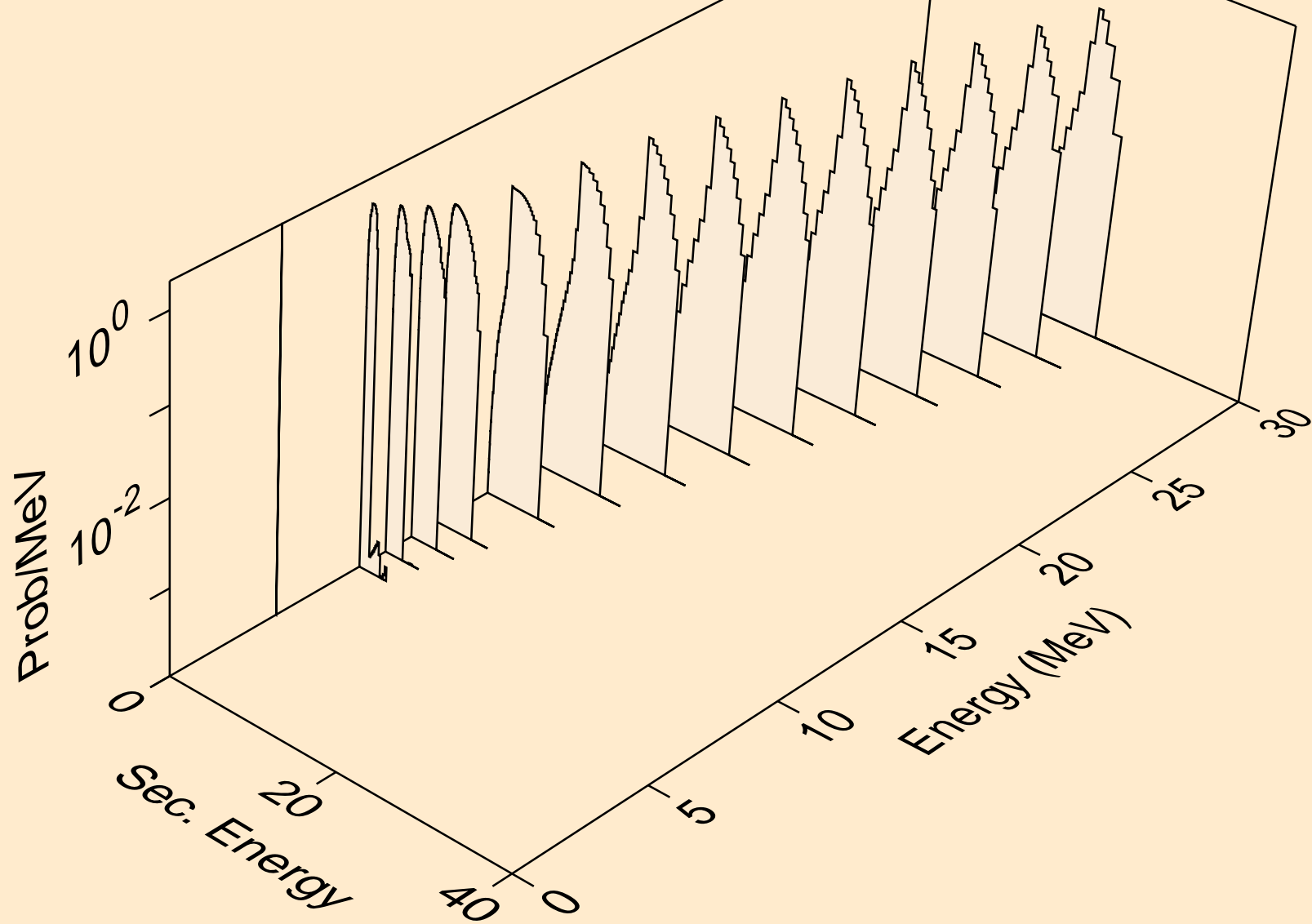


# ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

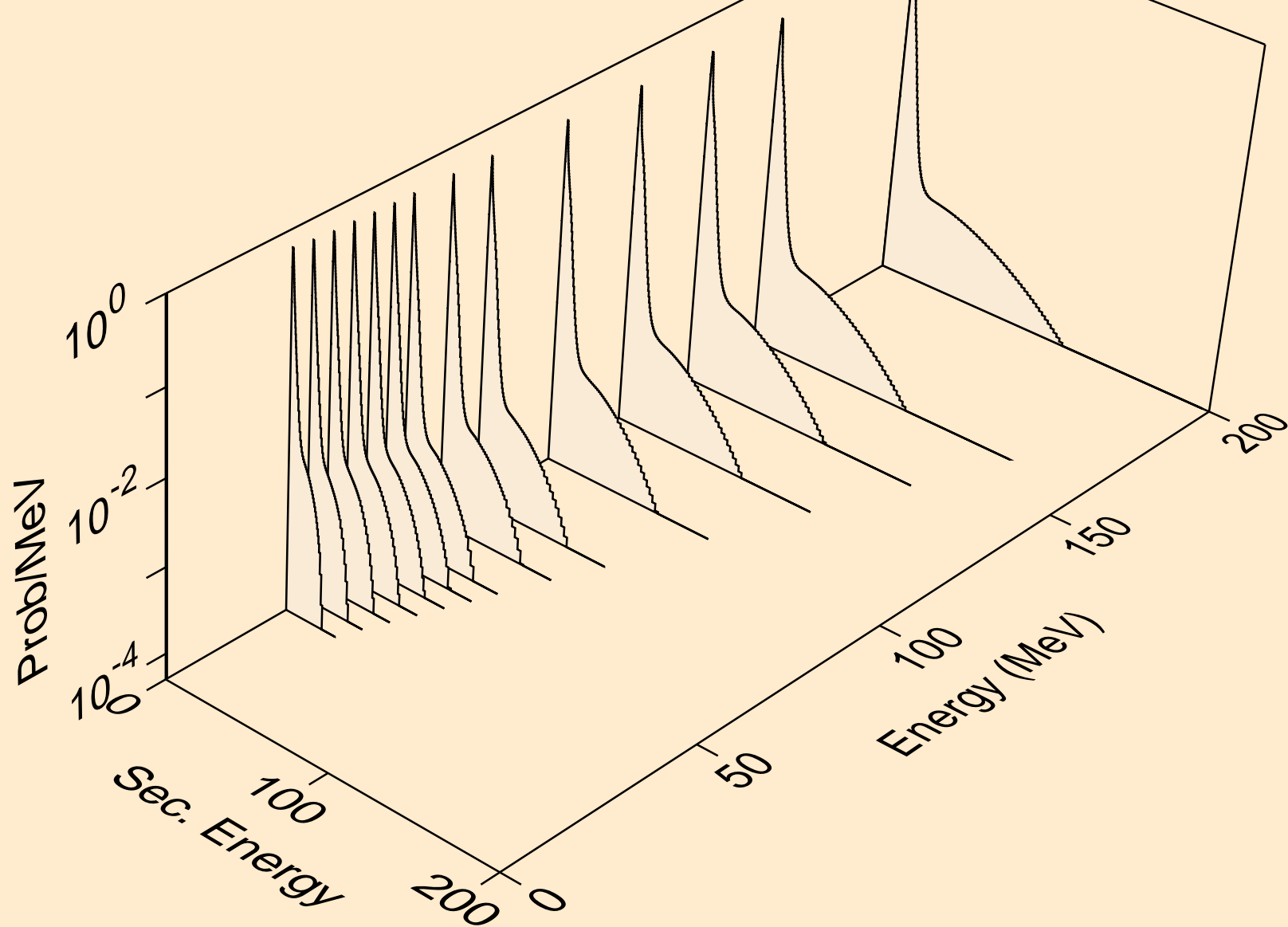
## Particle production cross sections



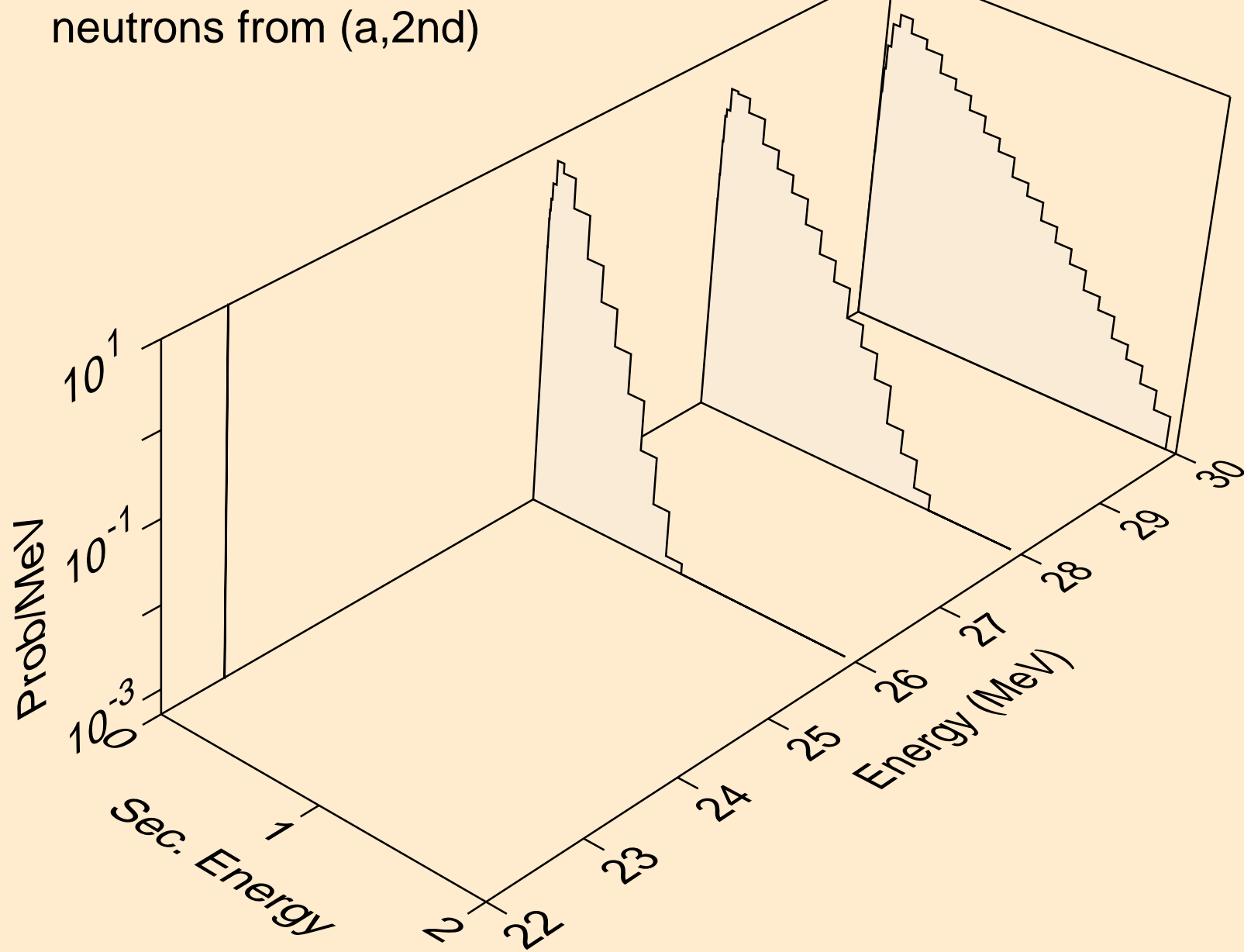
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



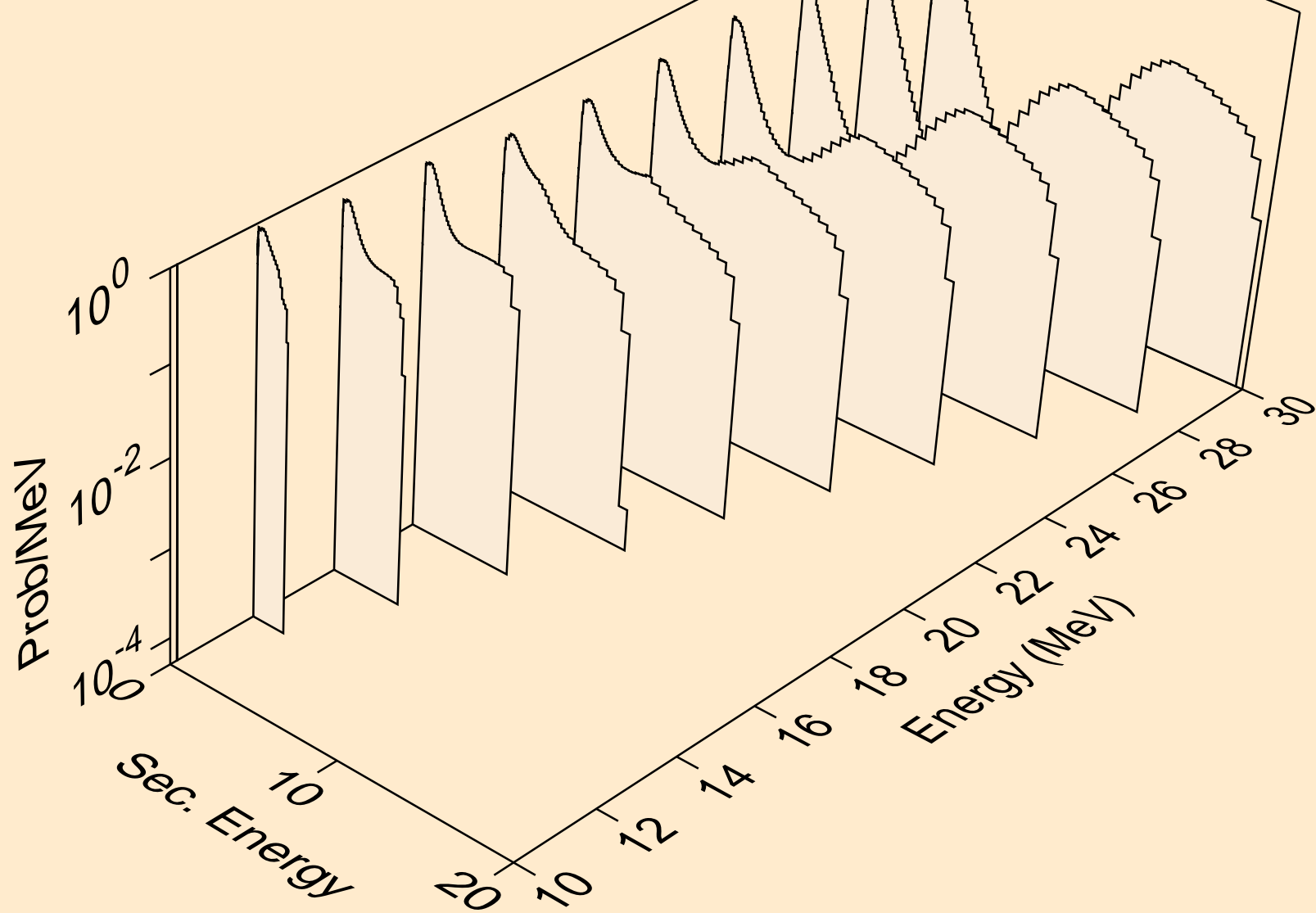
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



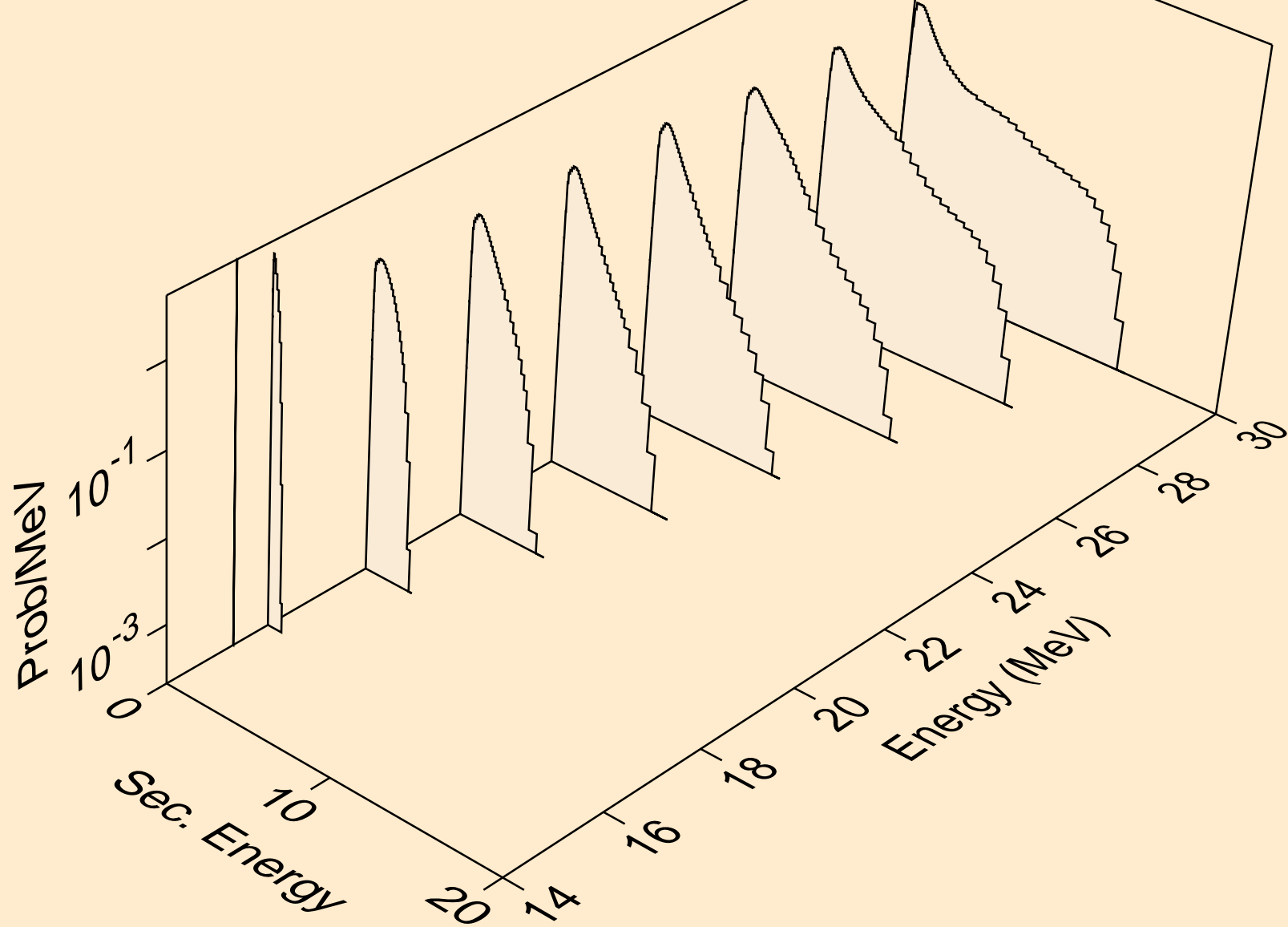
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

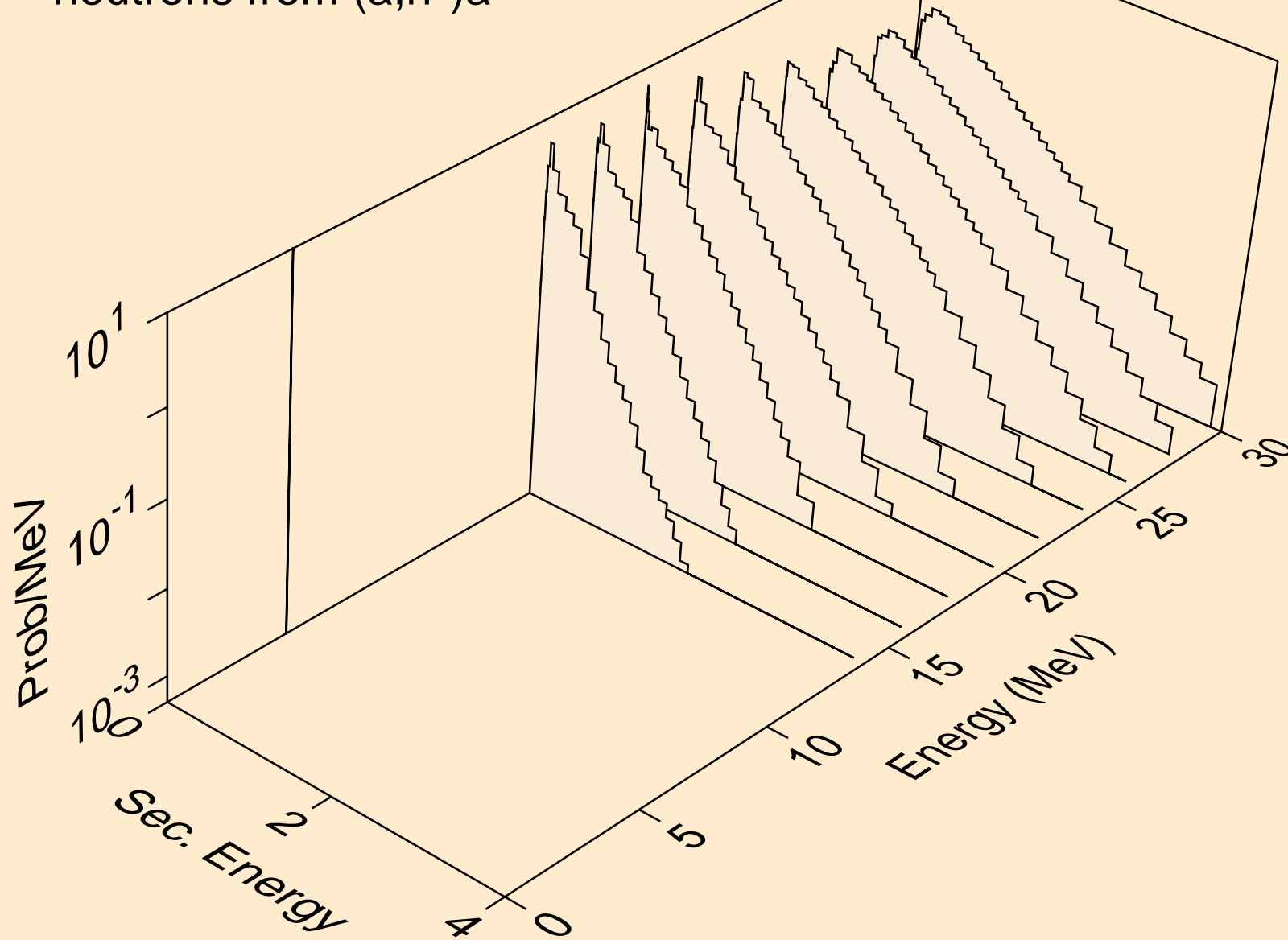


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

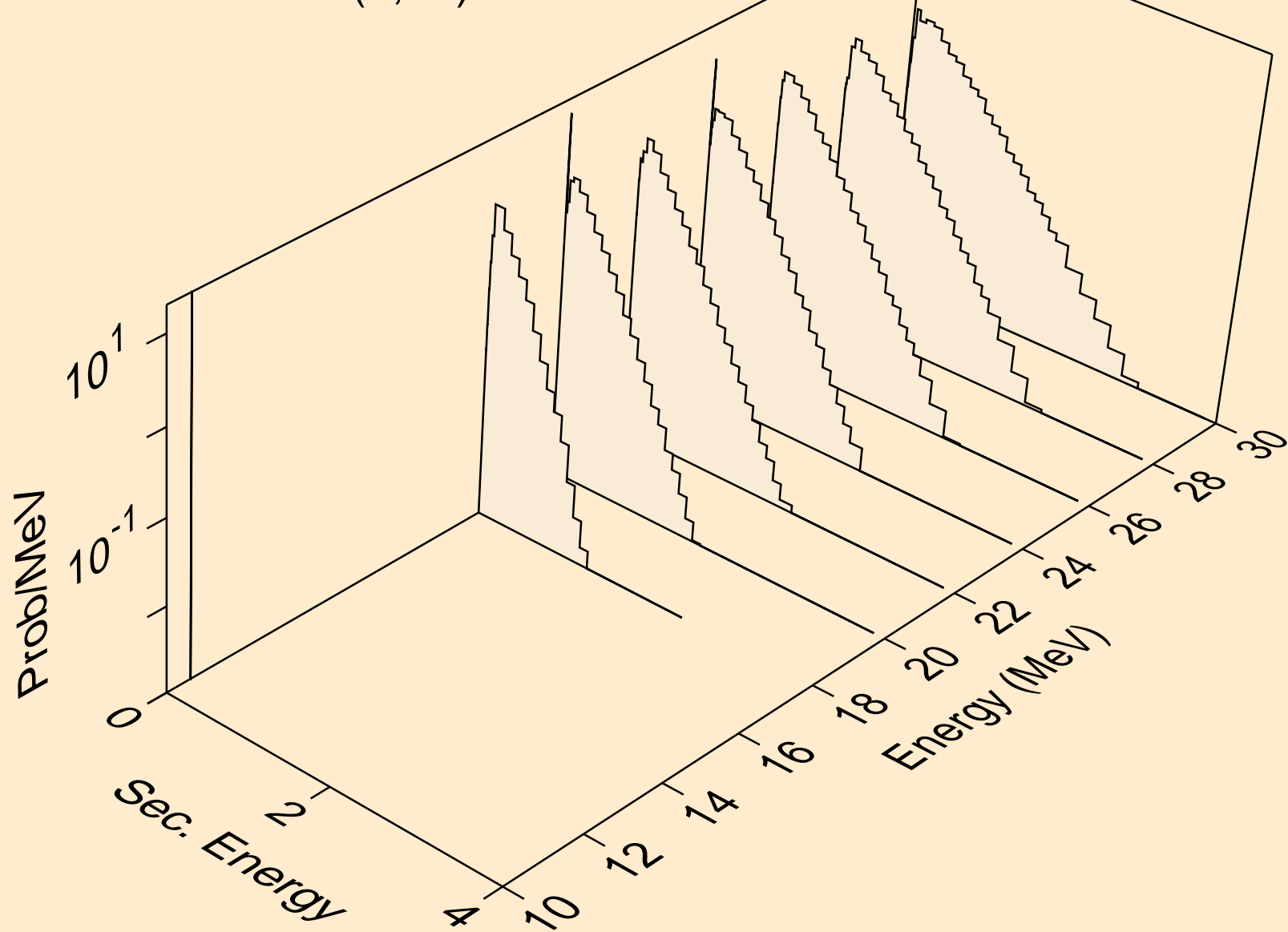




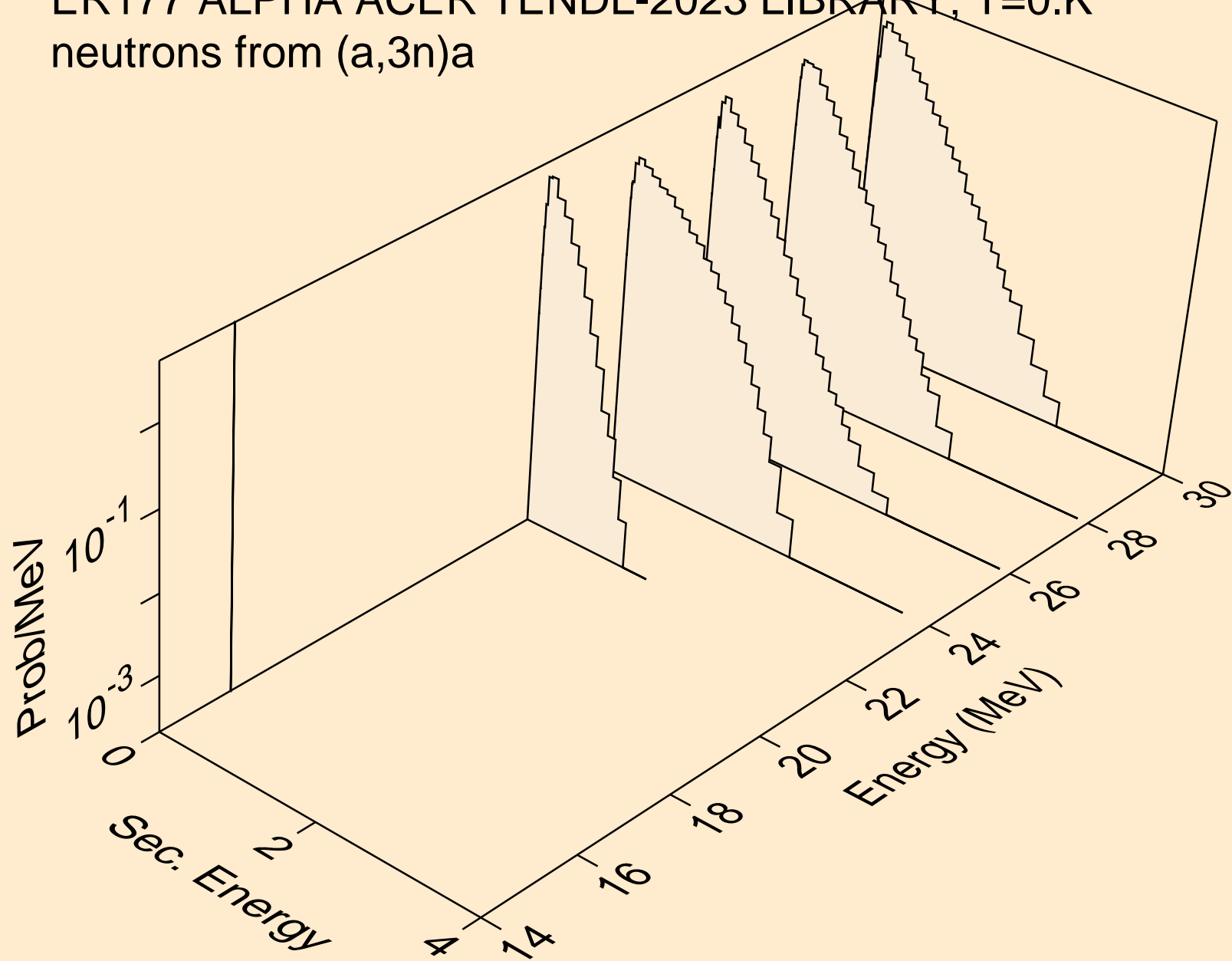
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



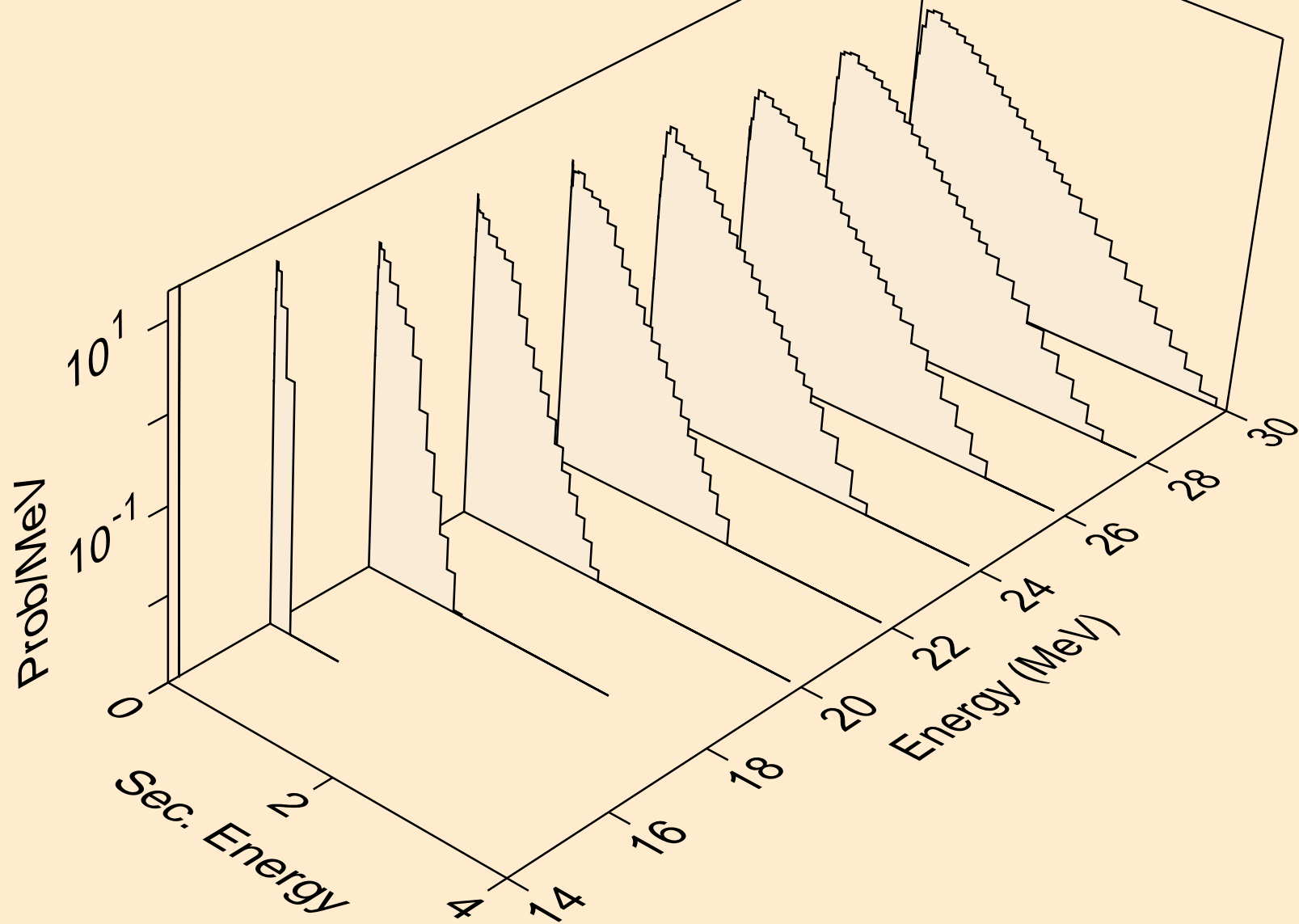
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



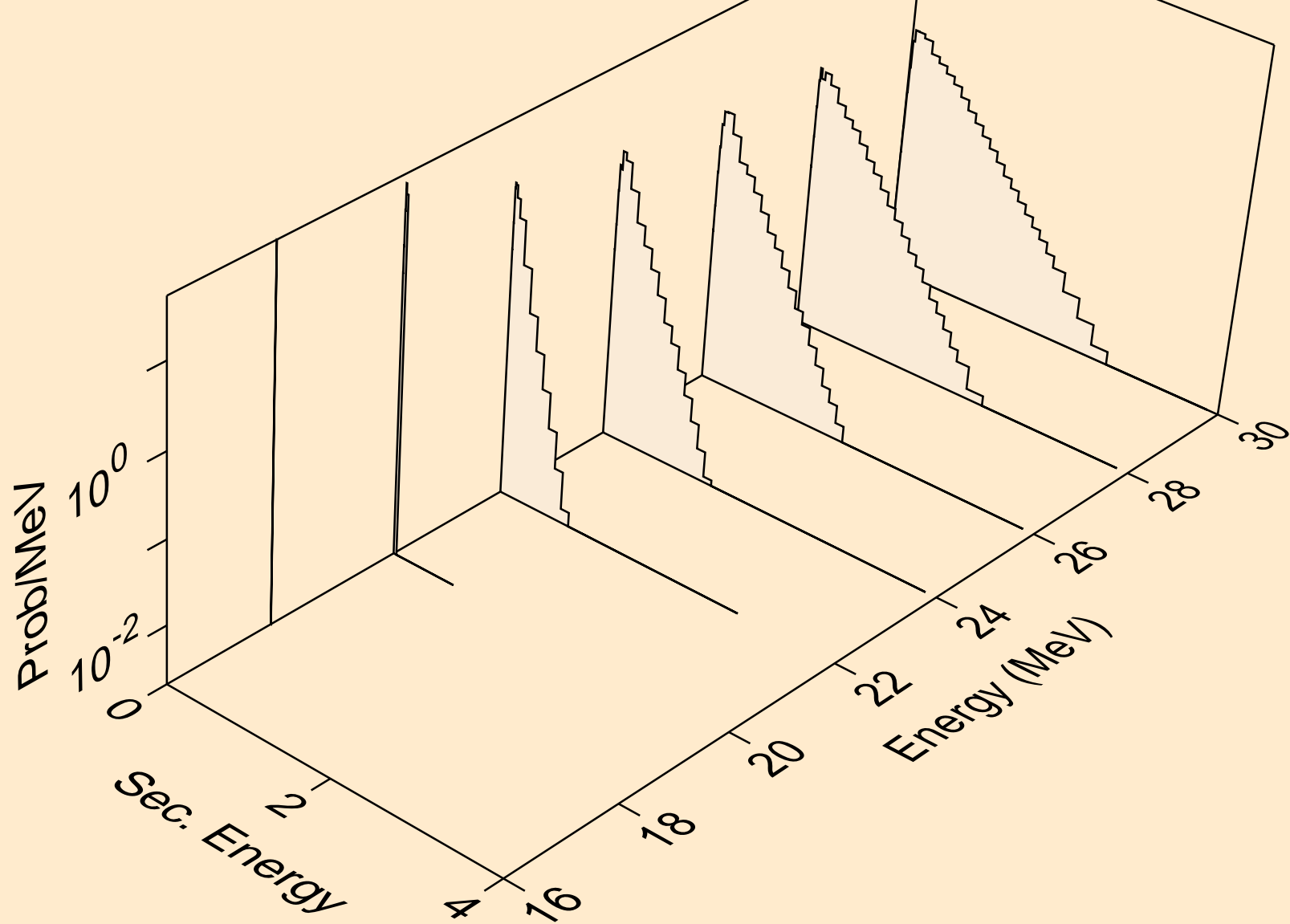
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



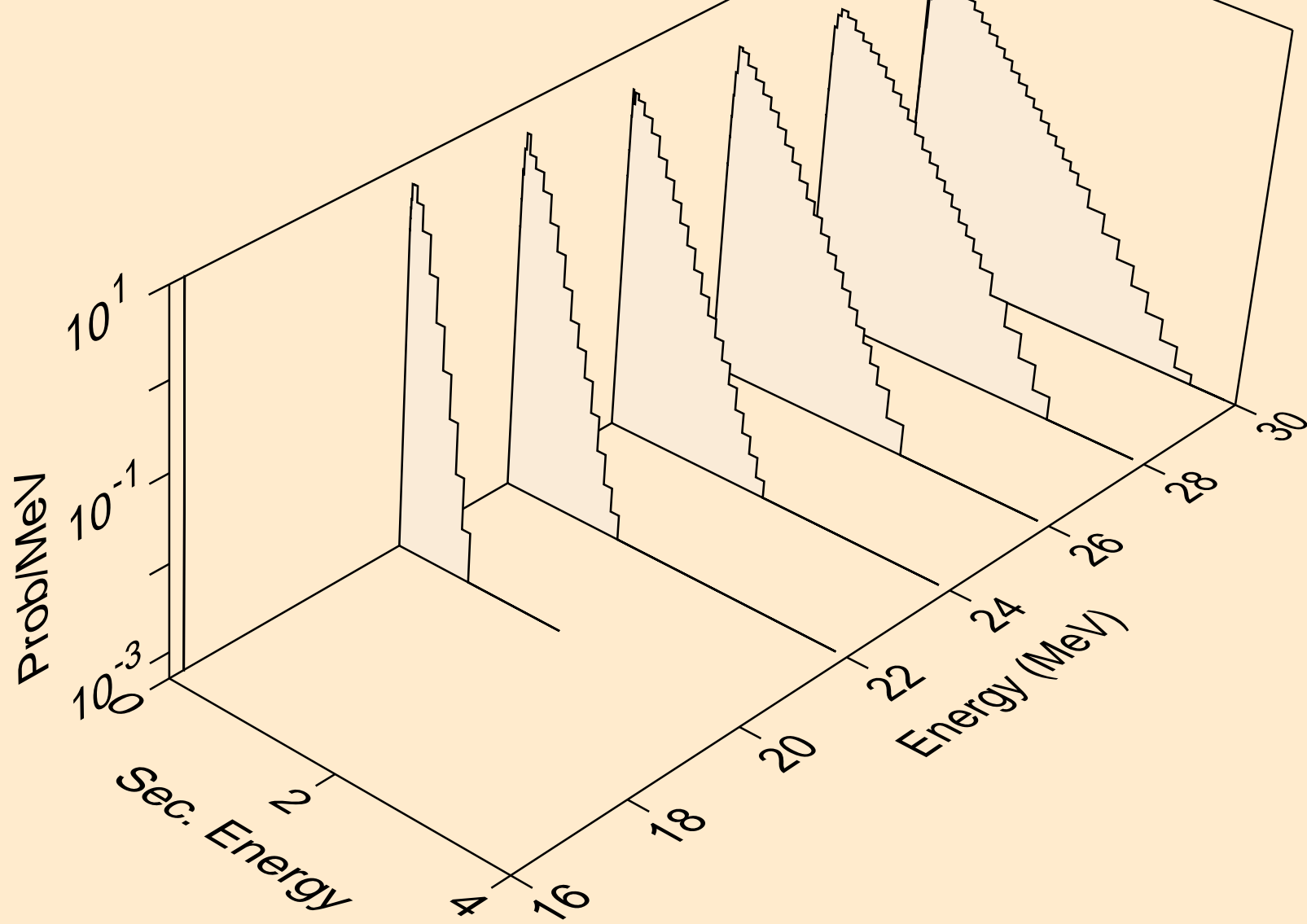
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



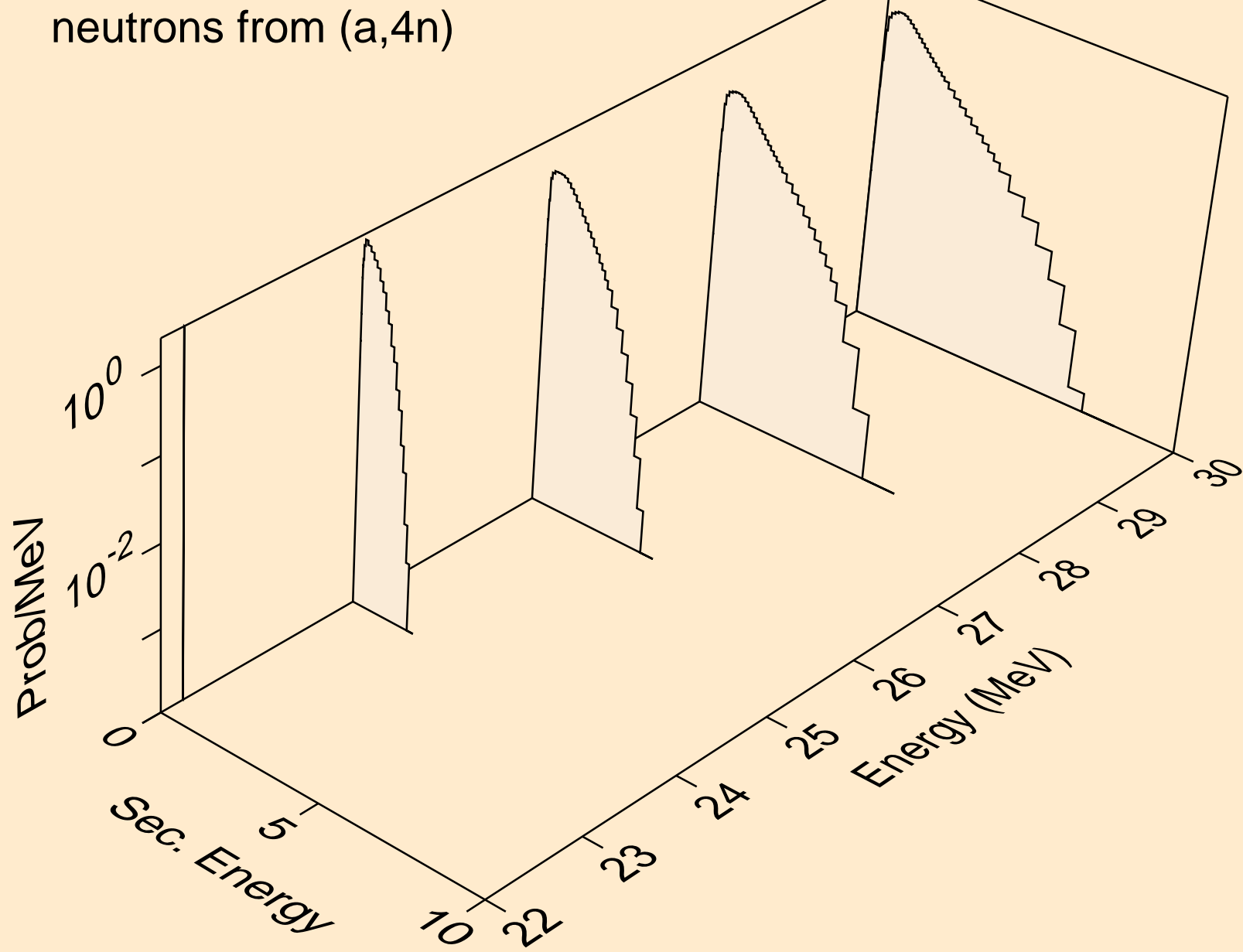
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



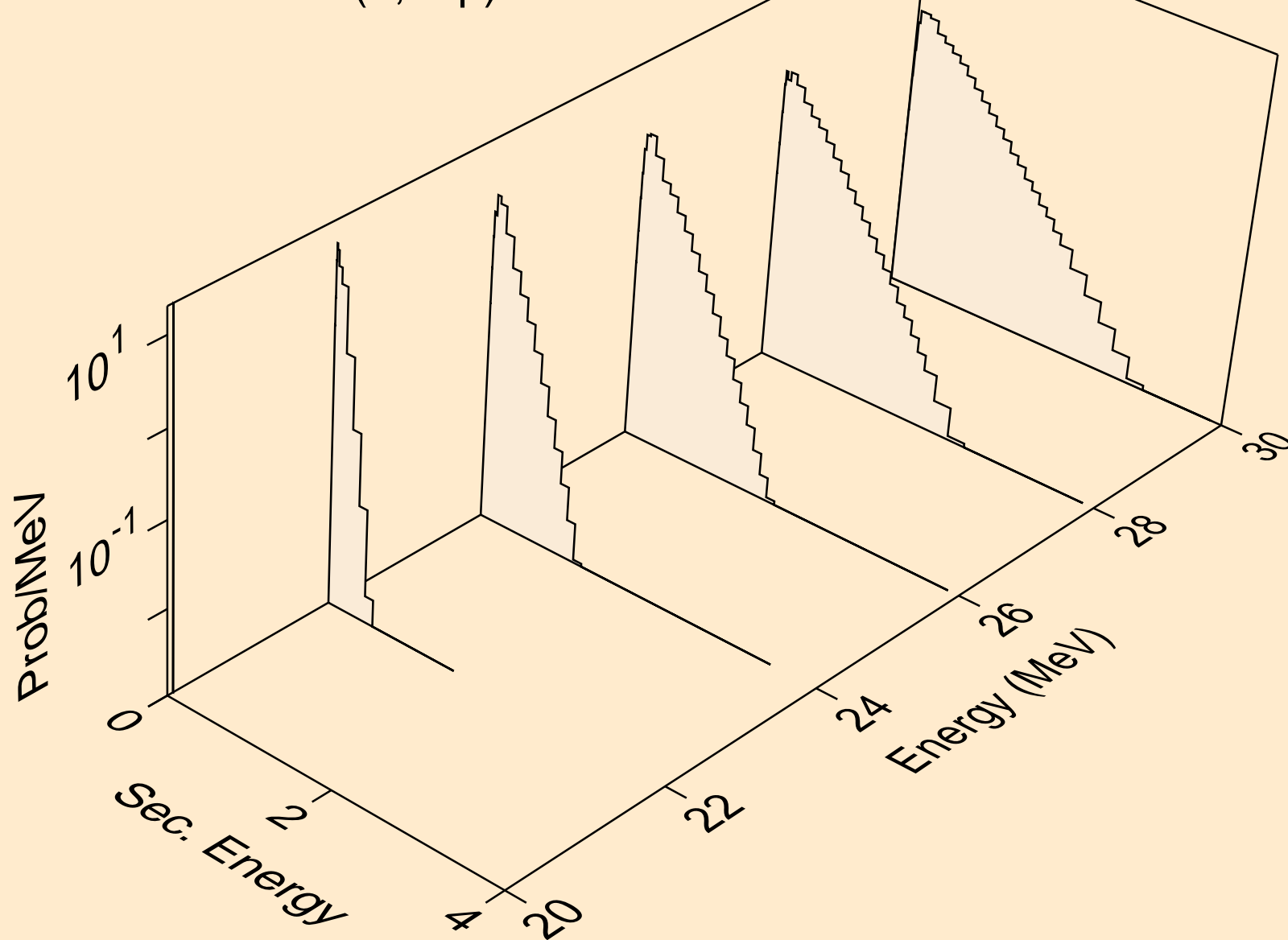
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

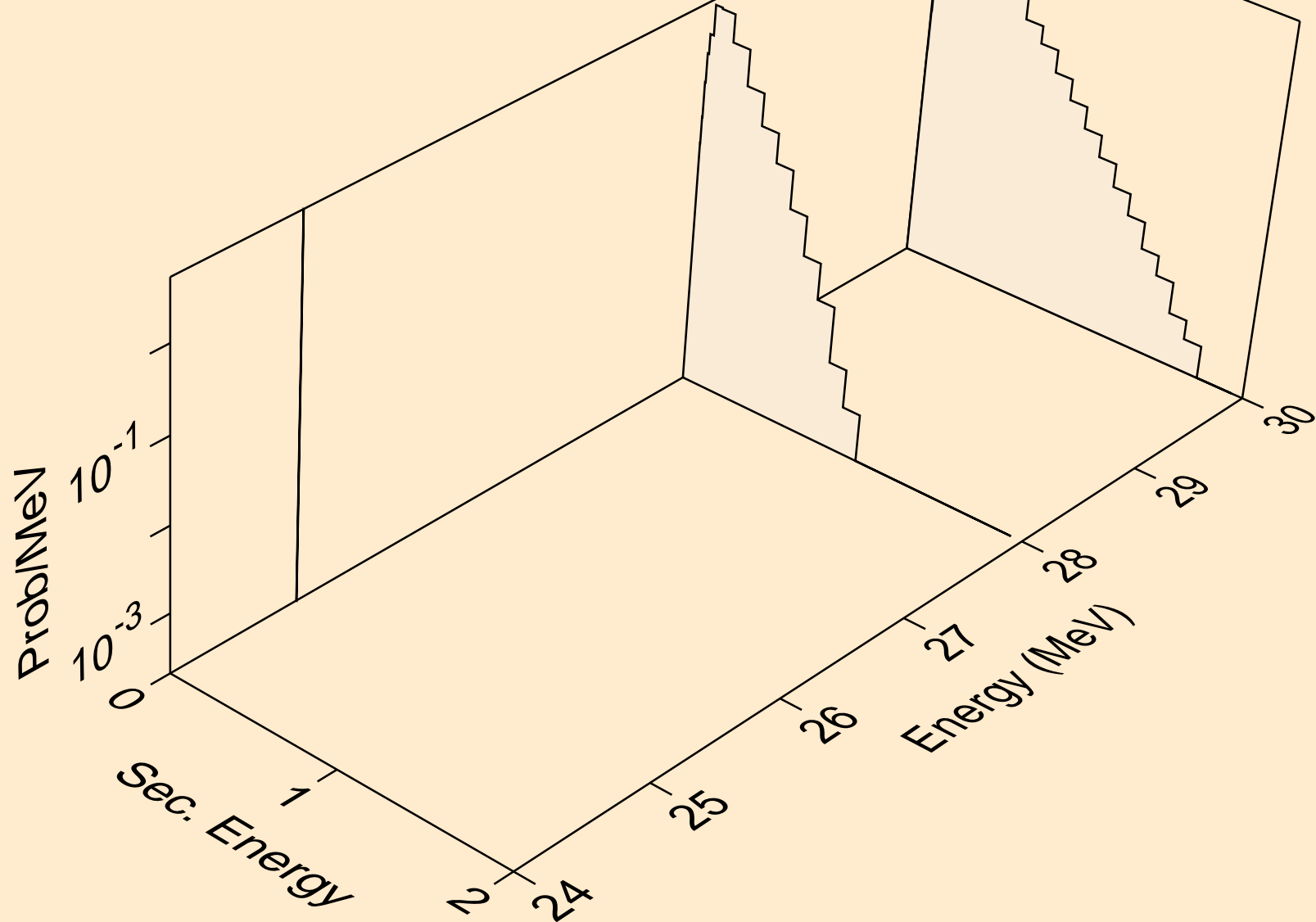


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

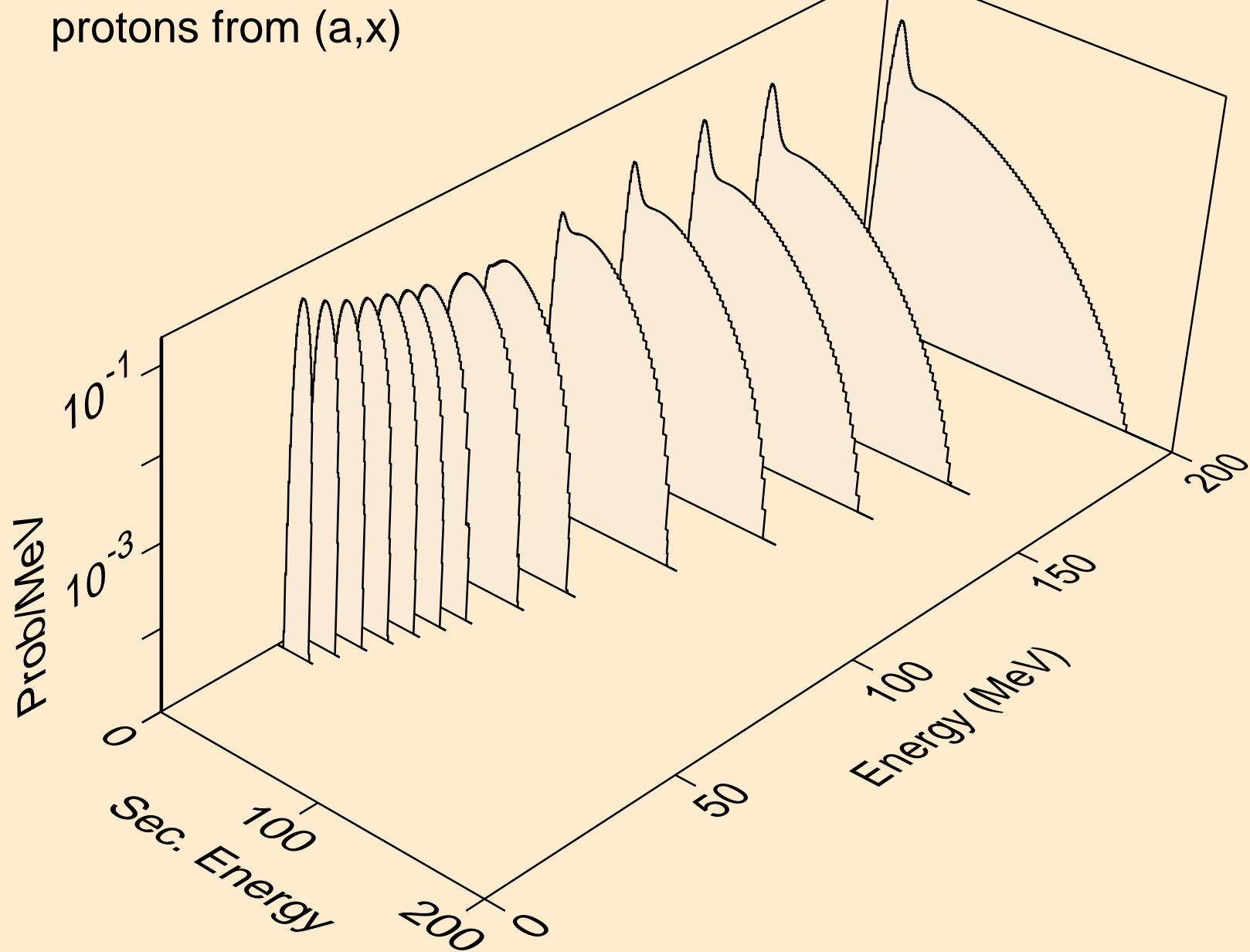




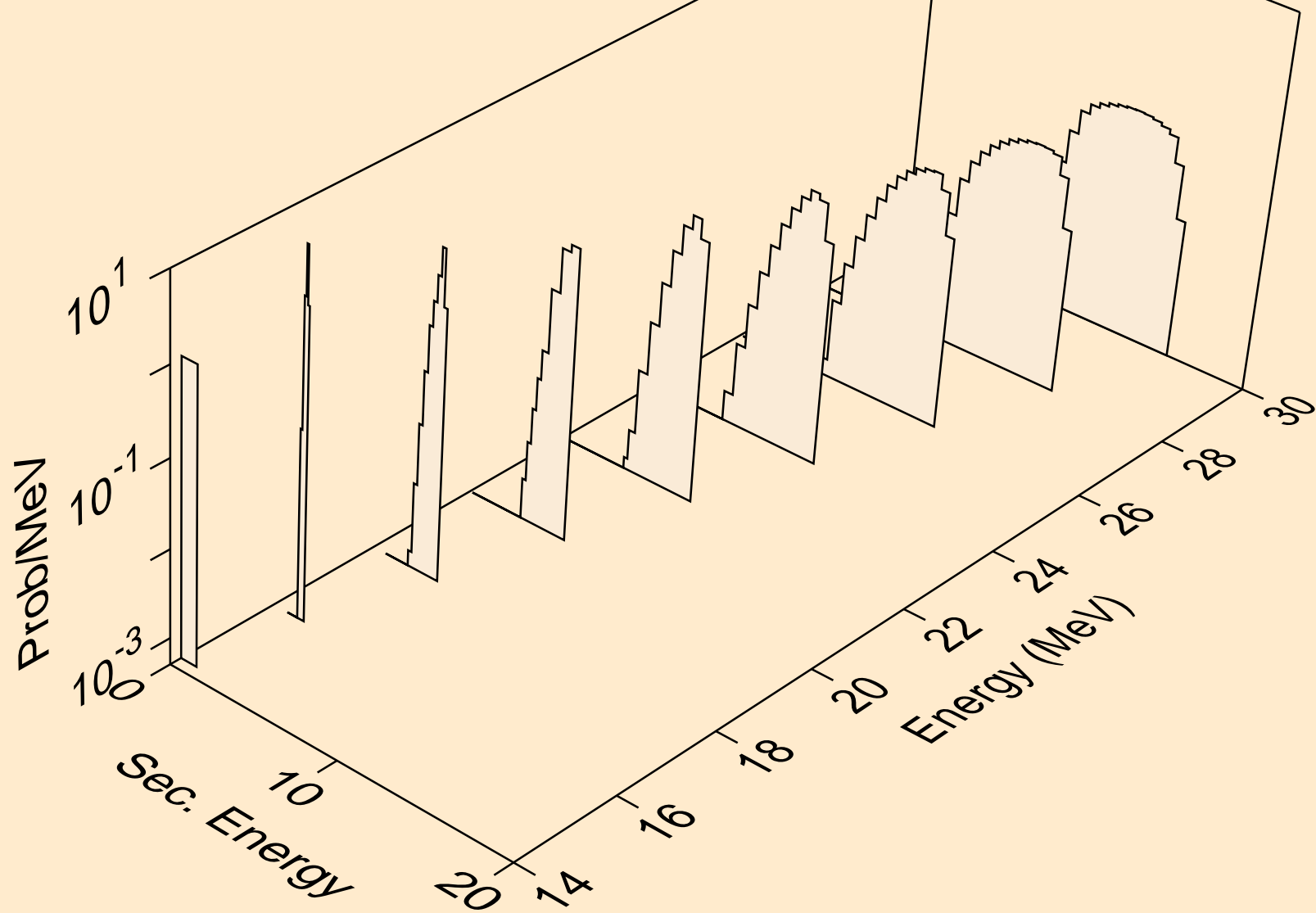
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



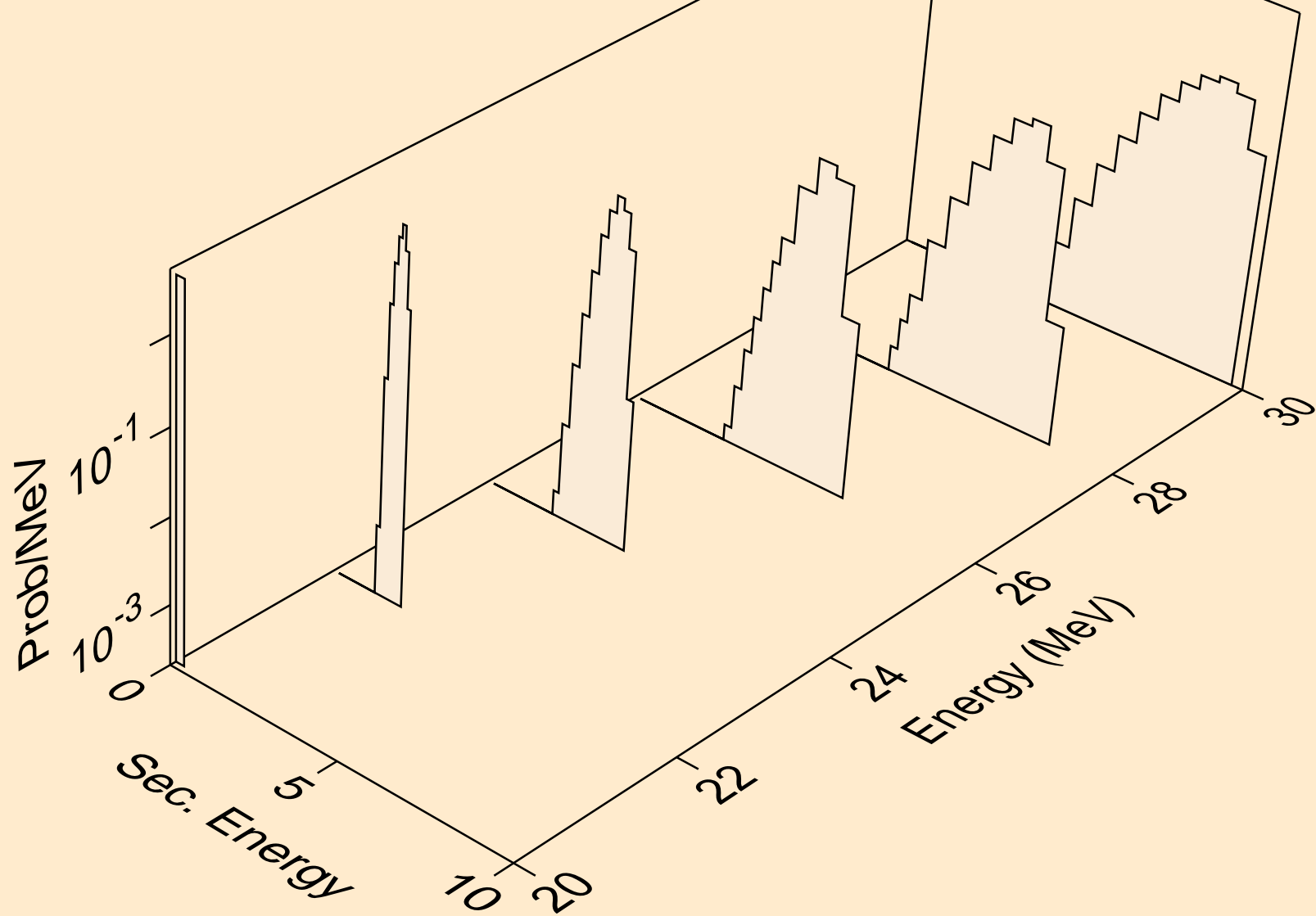
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



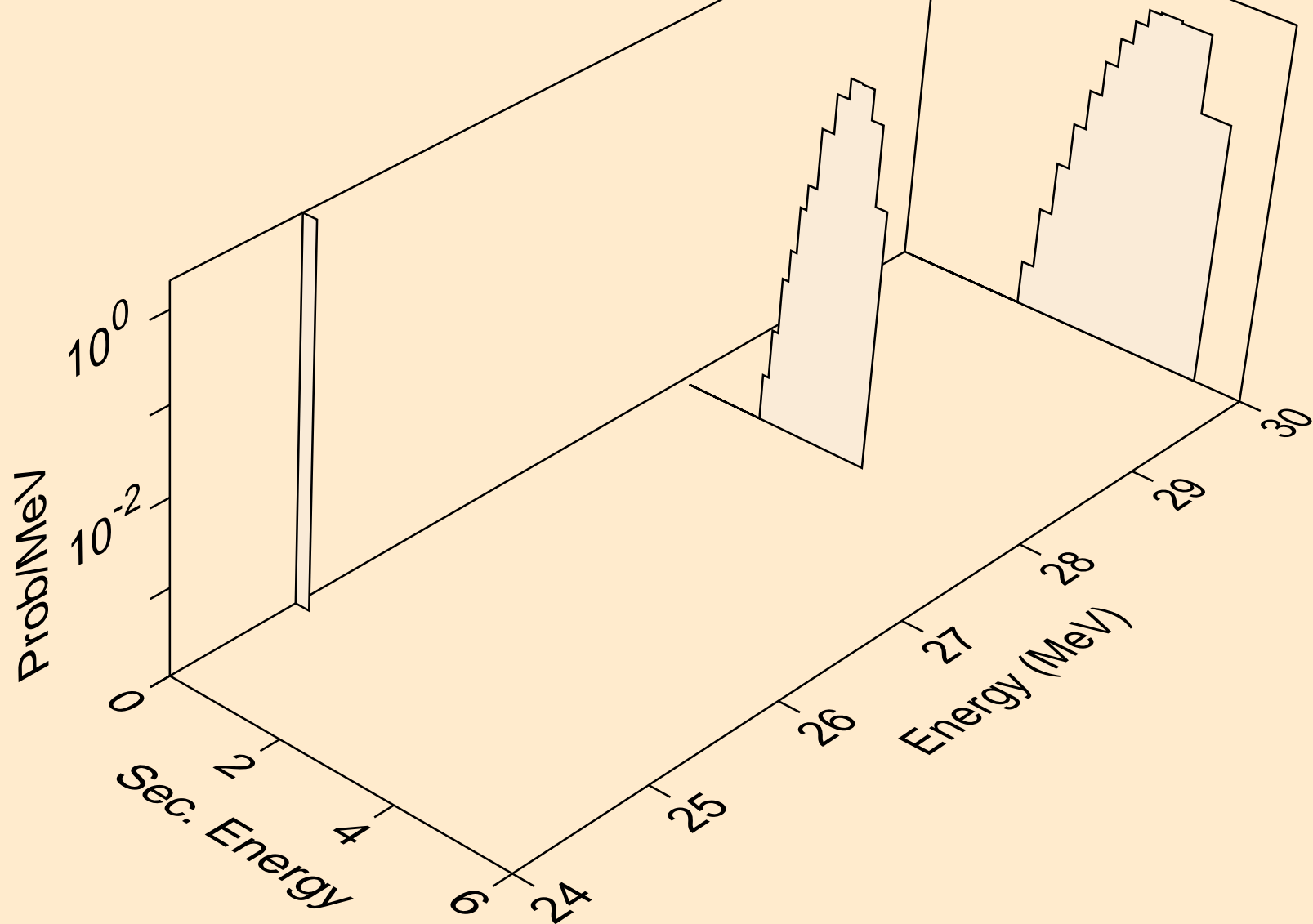
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



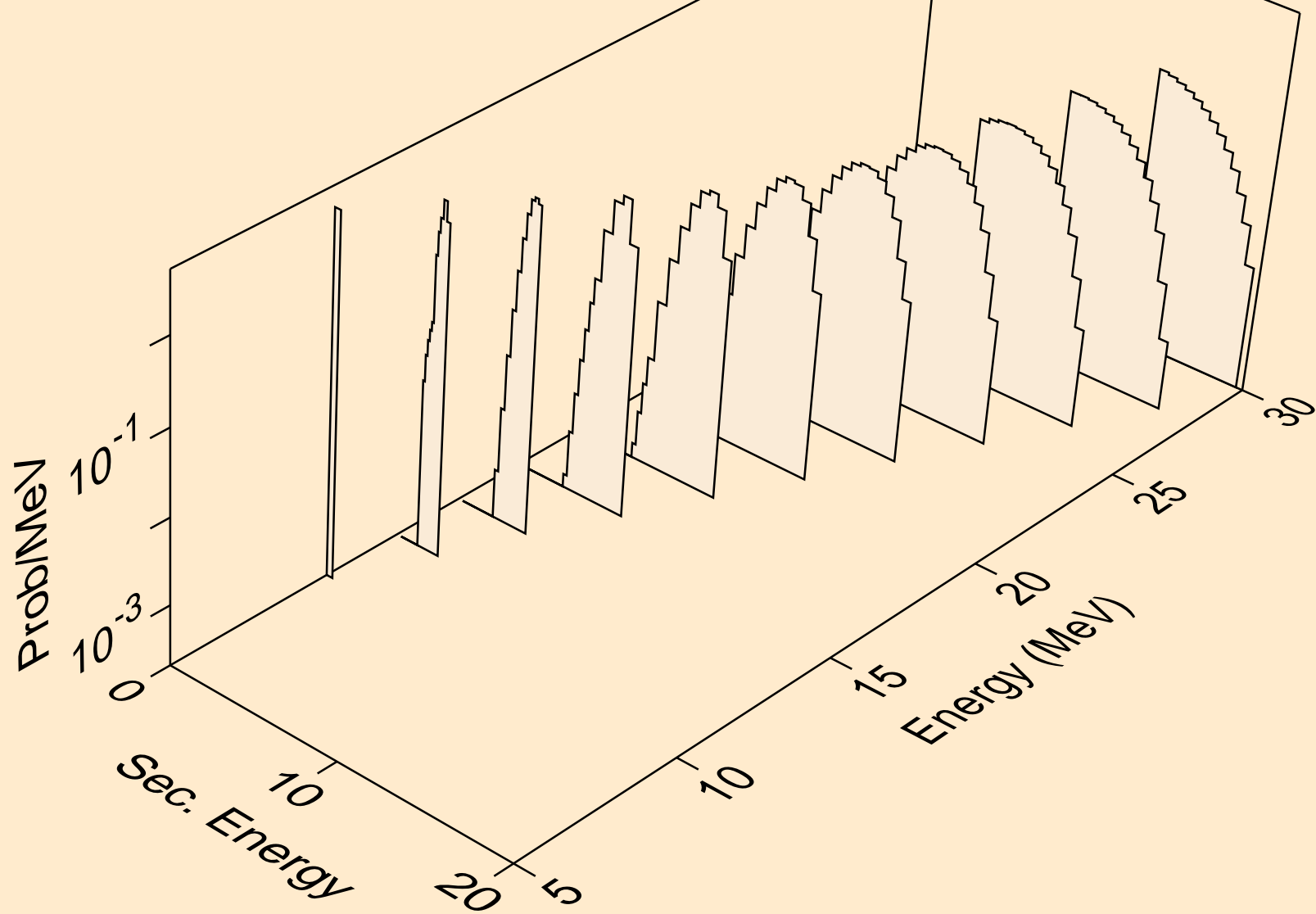
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



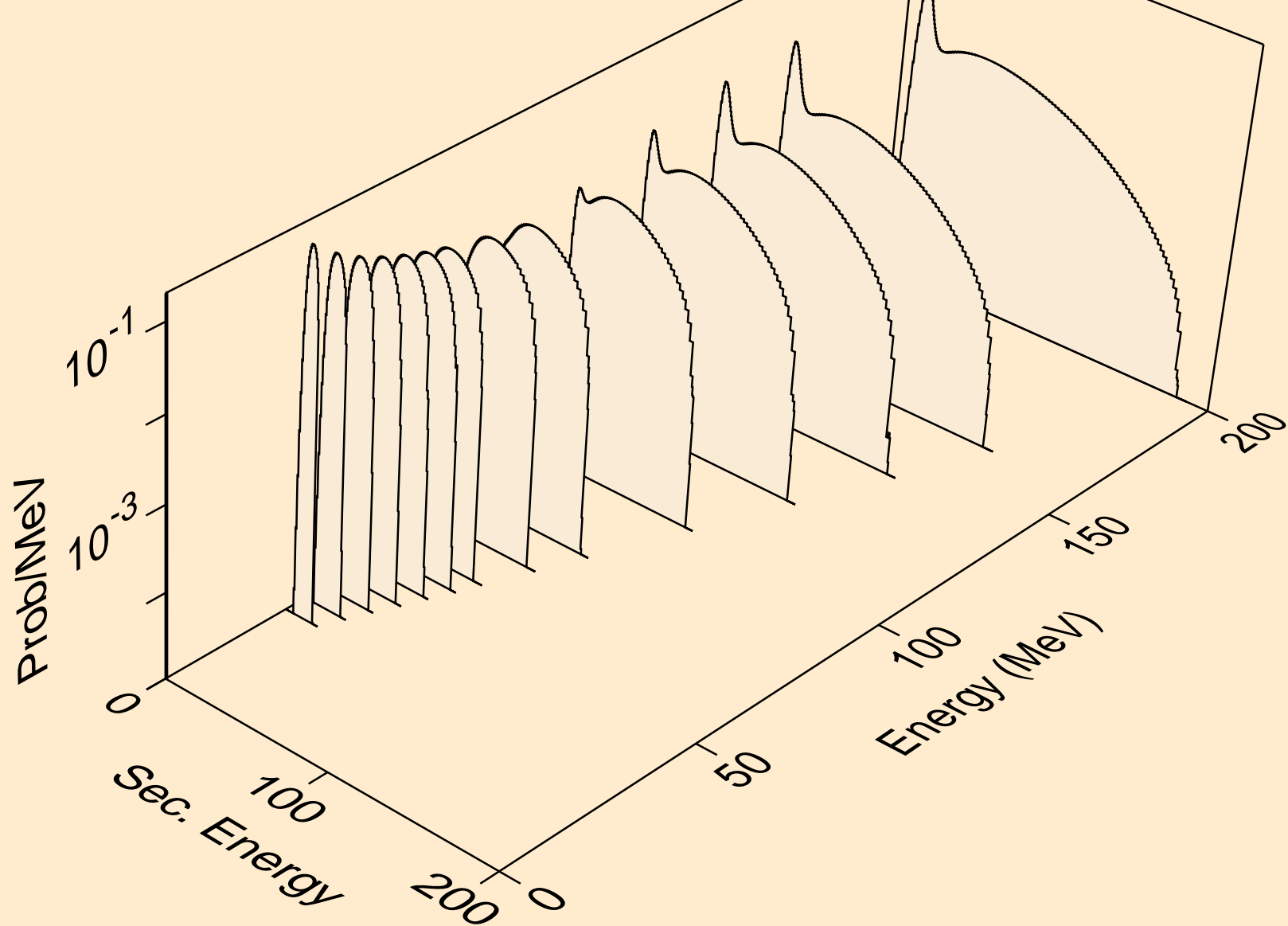
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



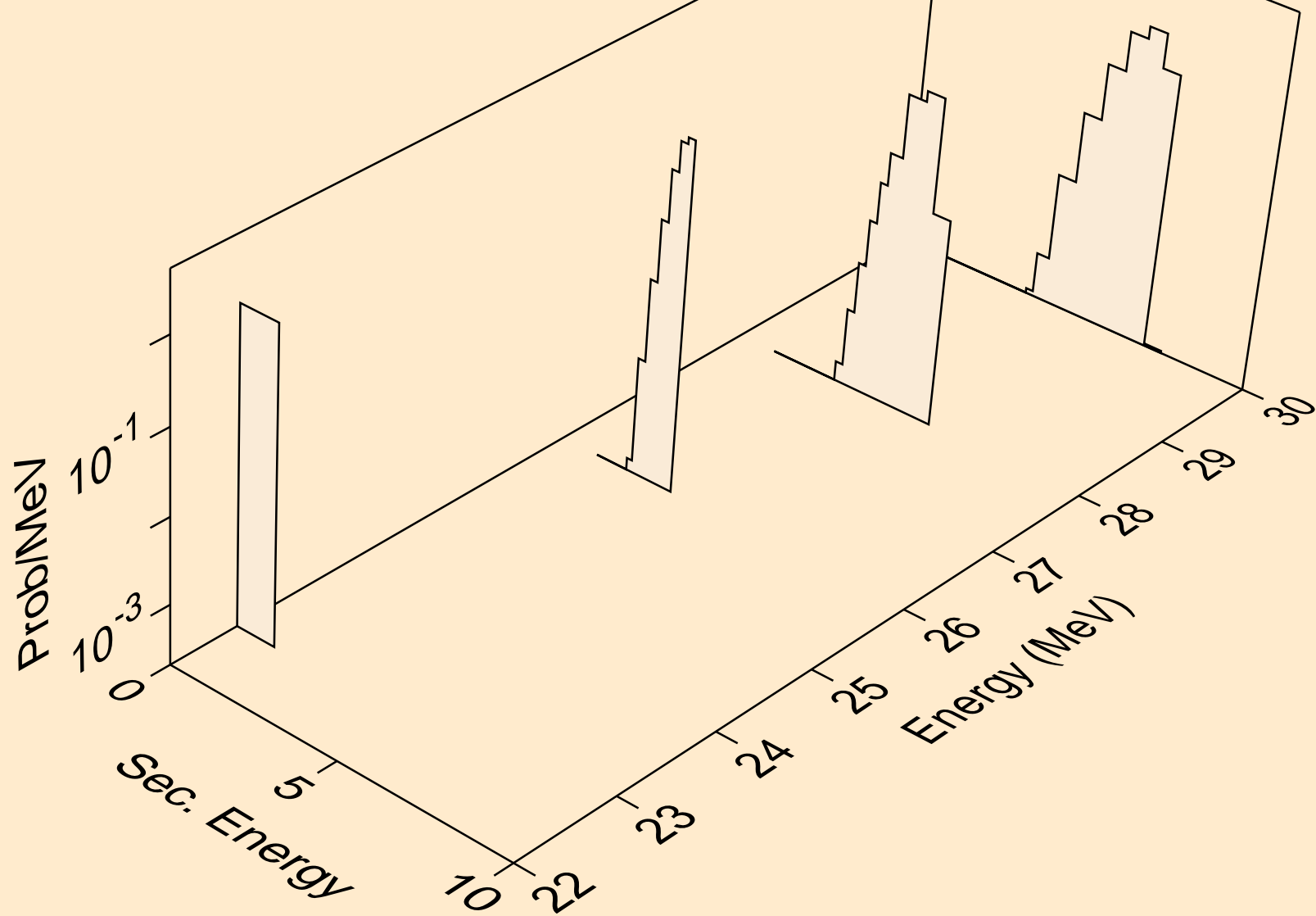
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

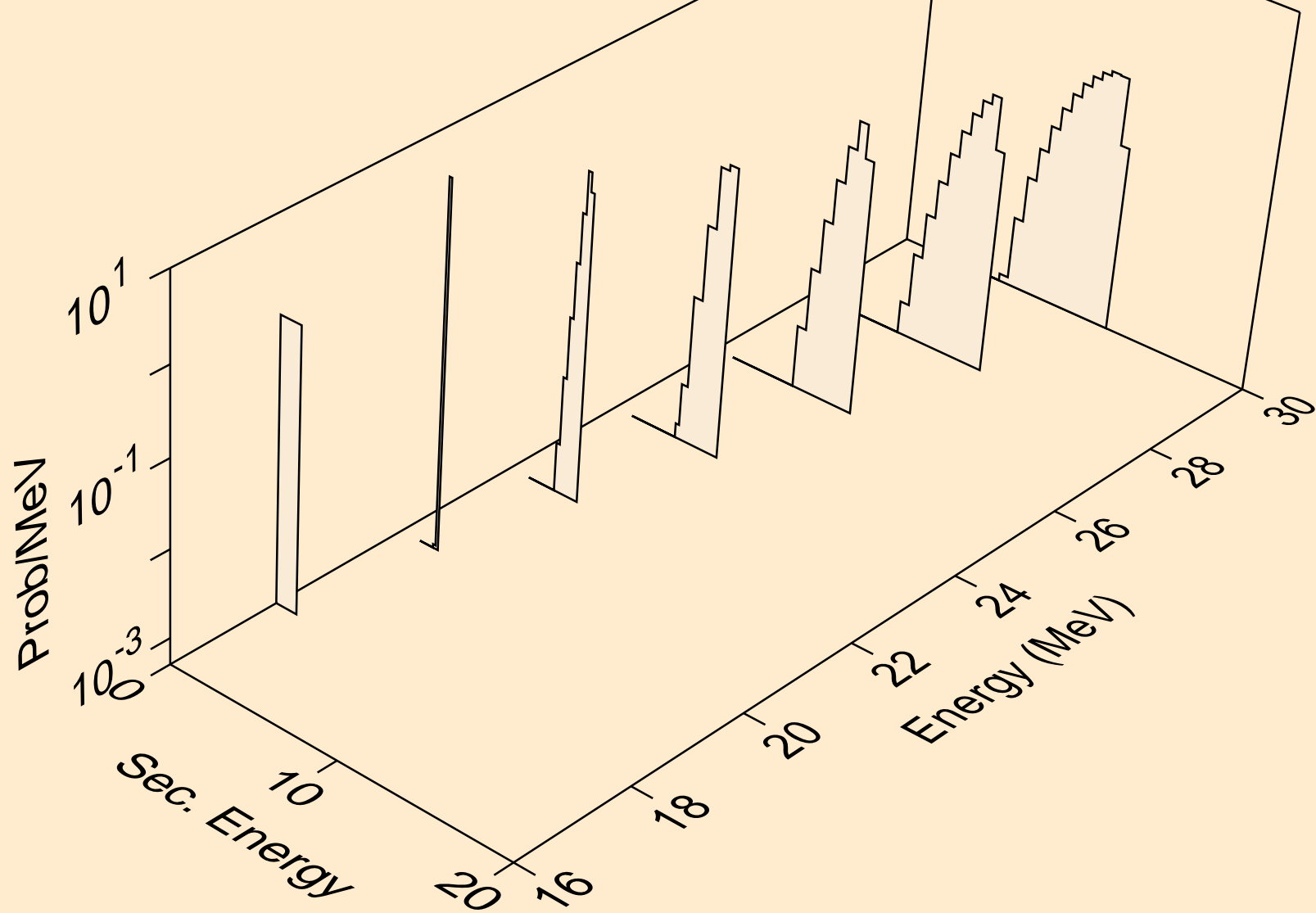


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

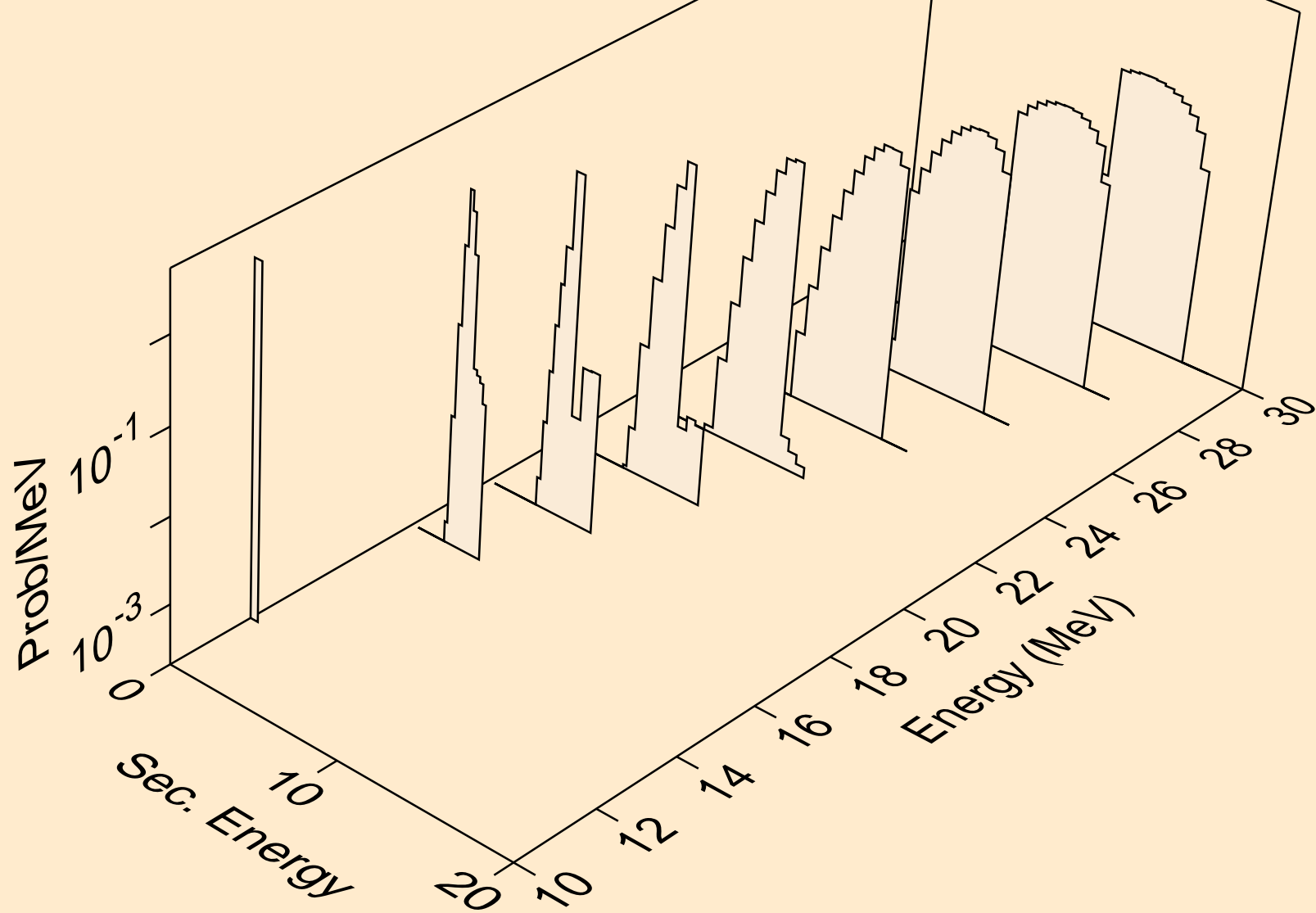




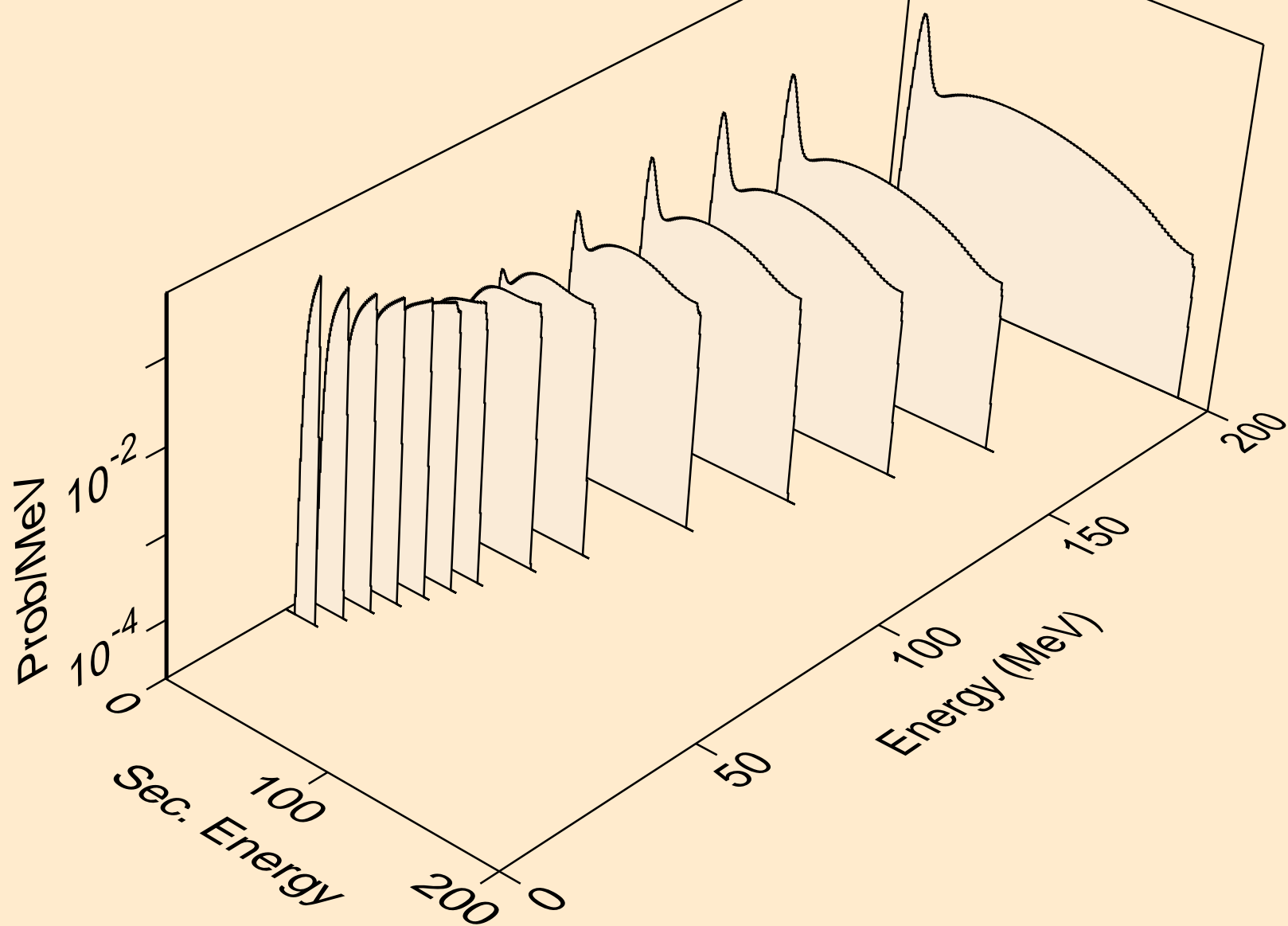
ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

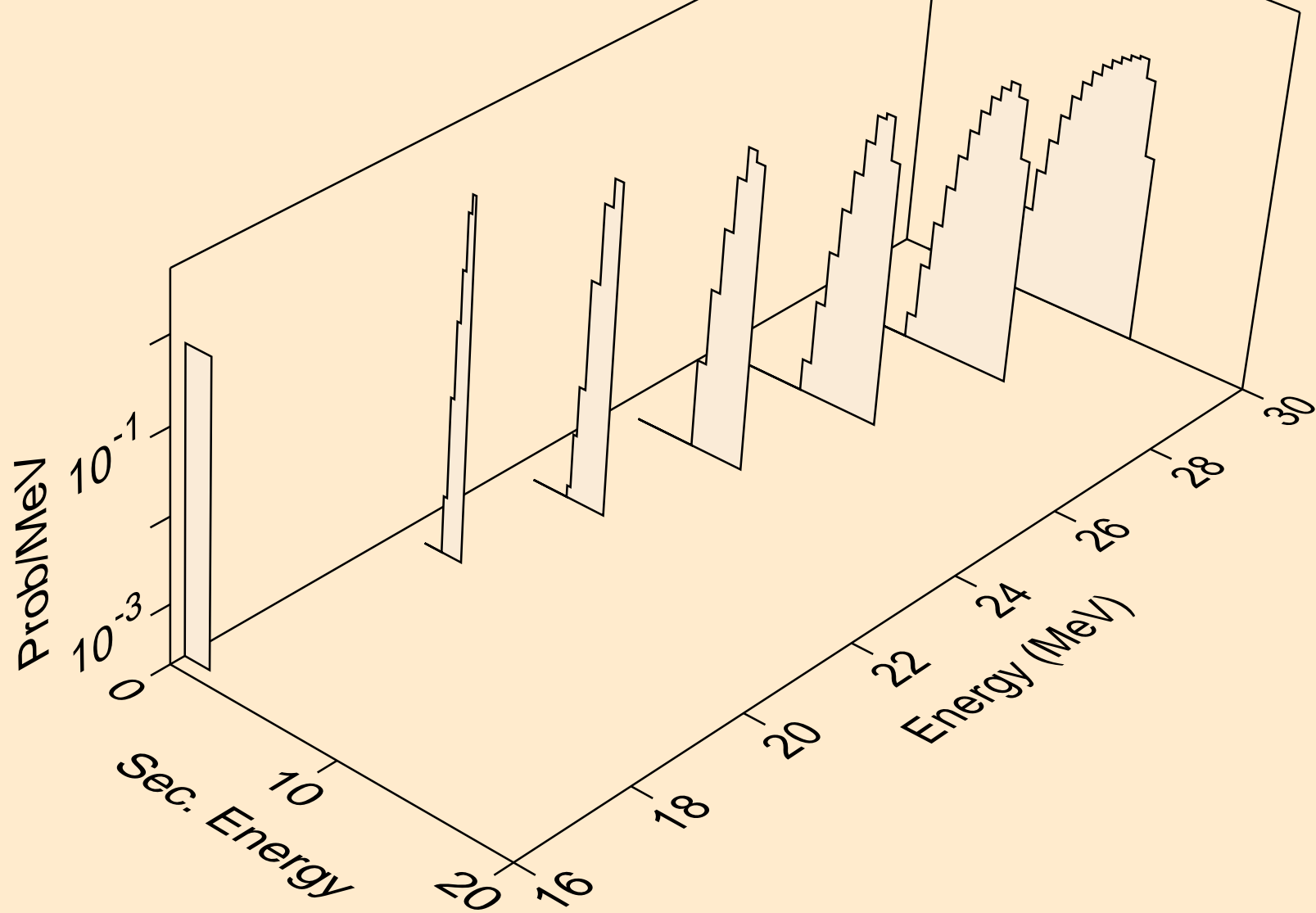


ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

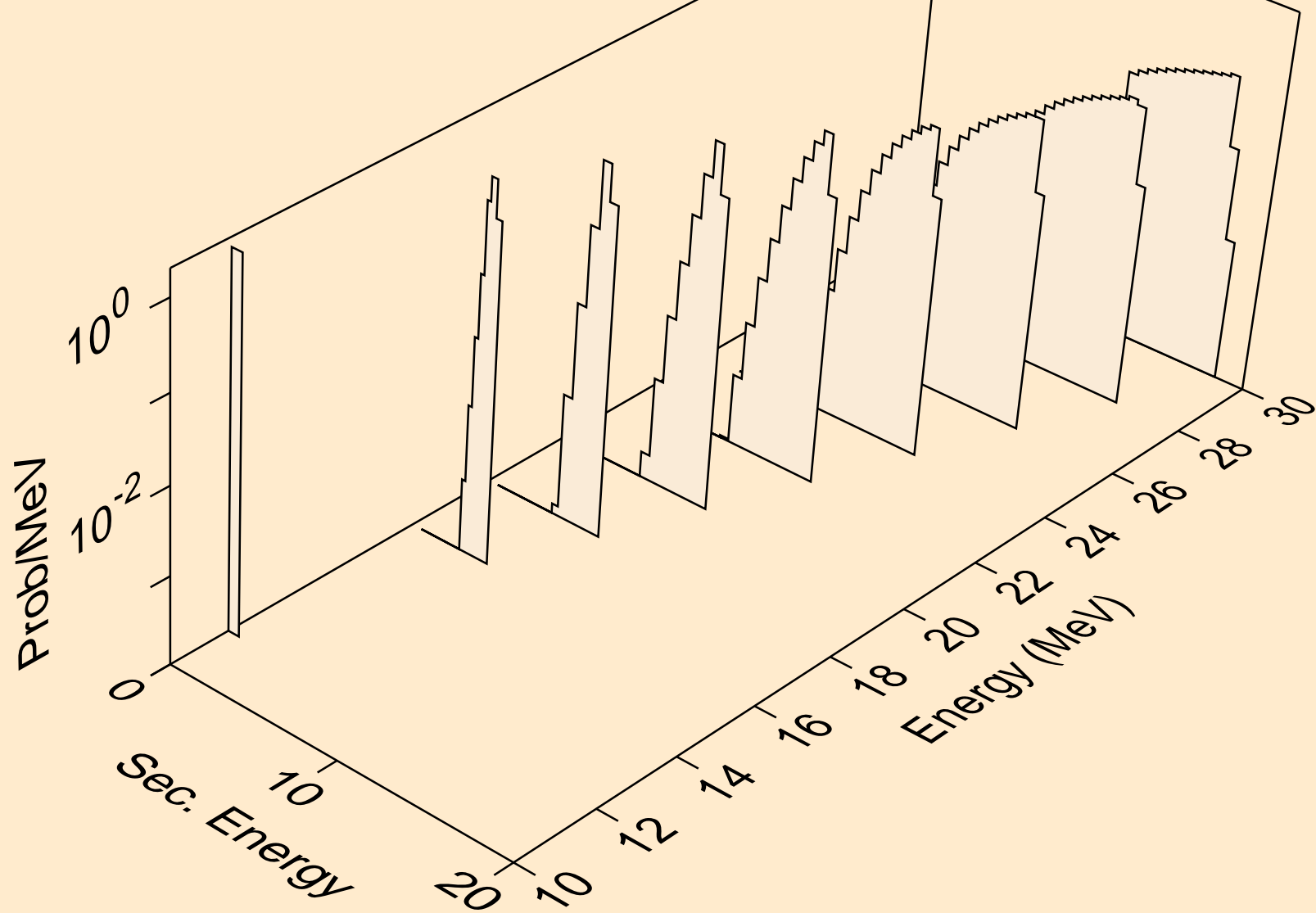


# ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

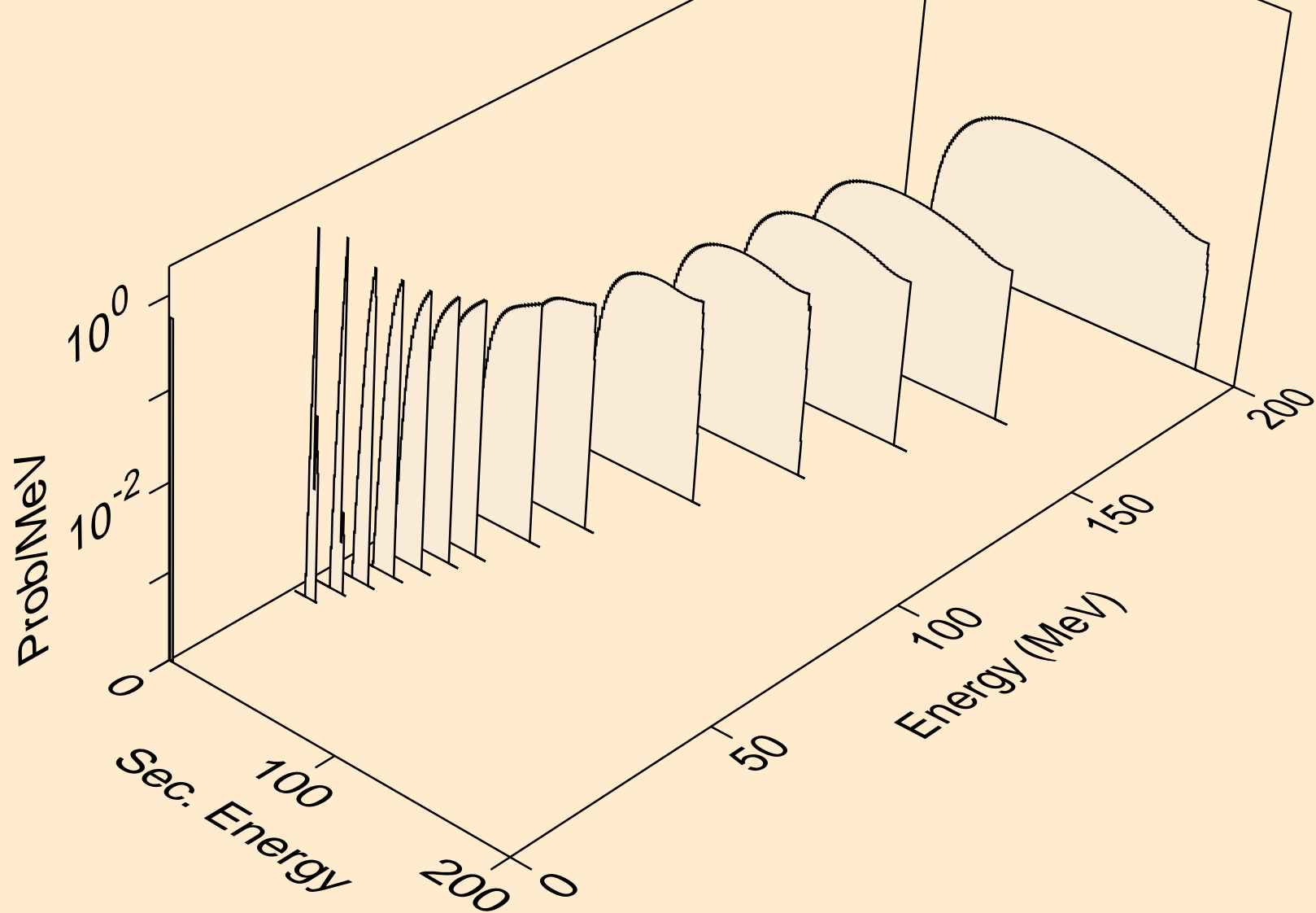
tritons from (a,n\*)t



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



ER177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

