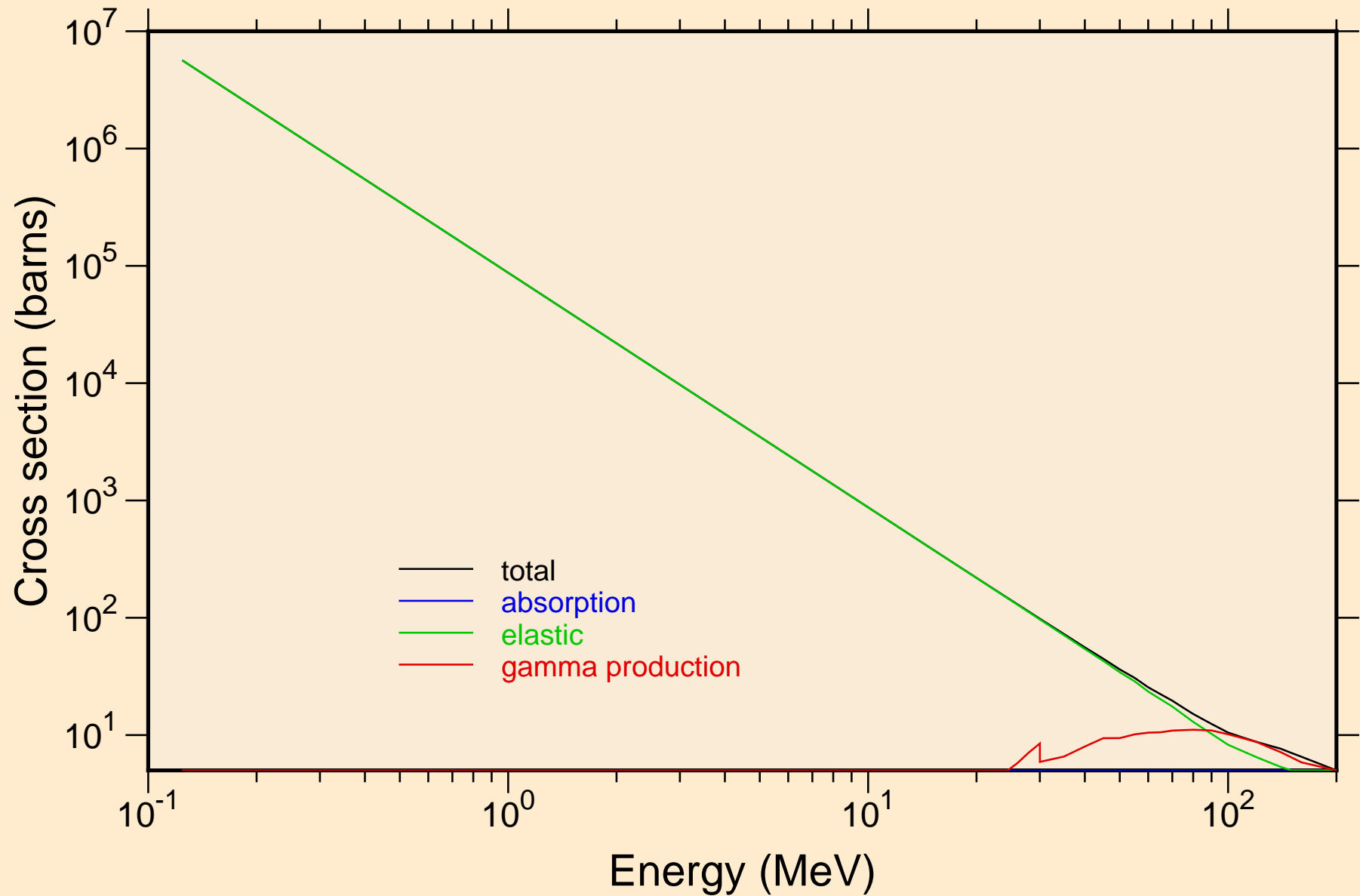
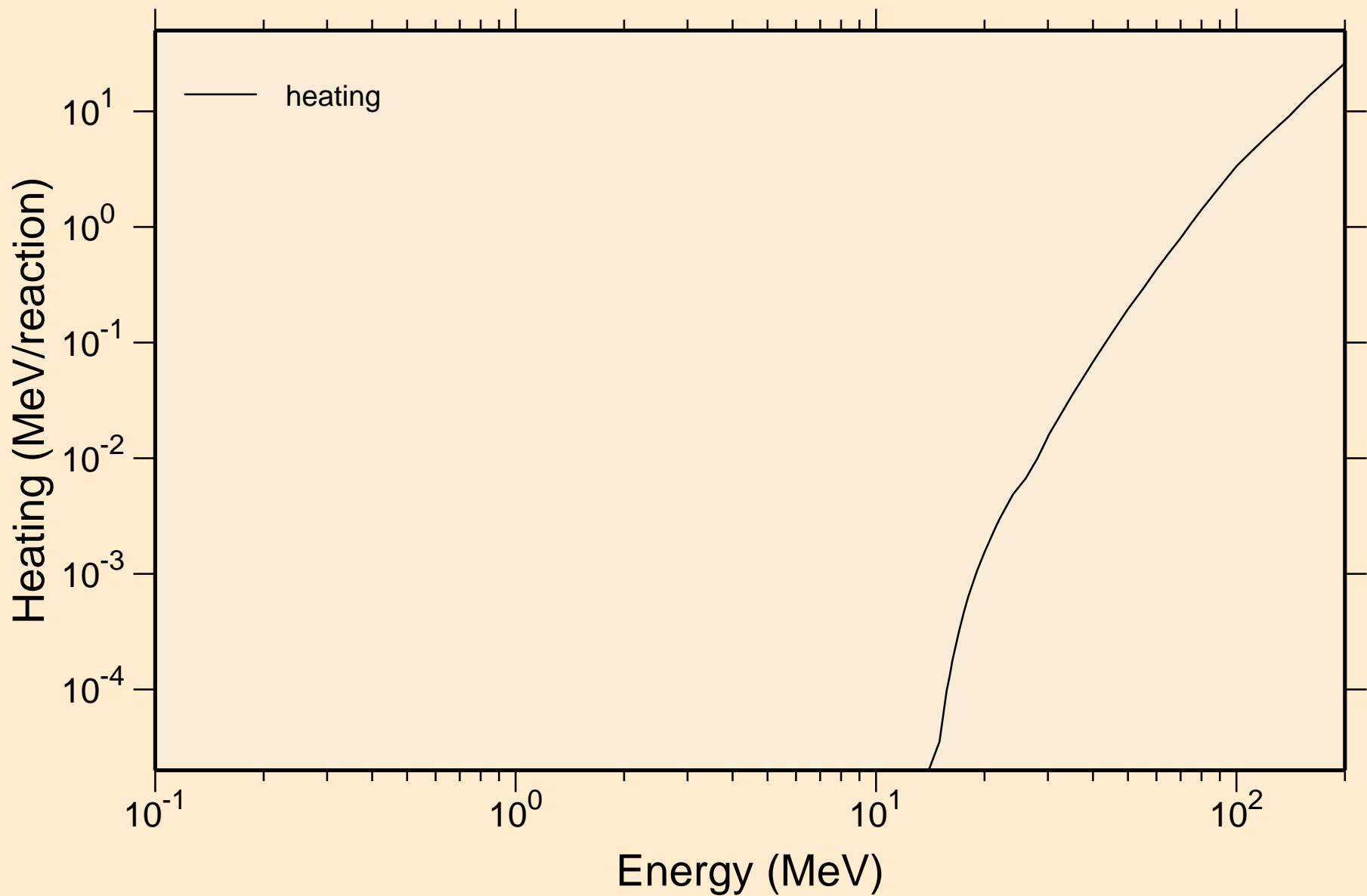


# CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

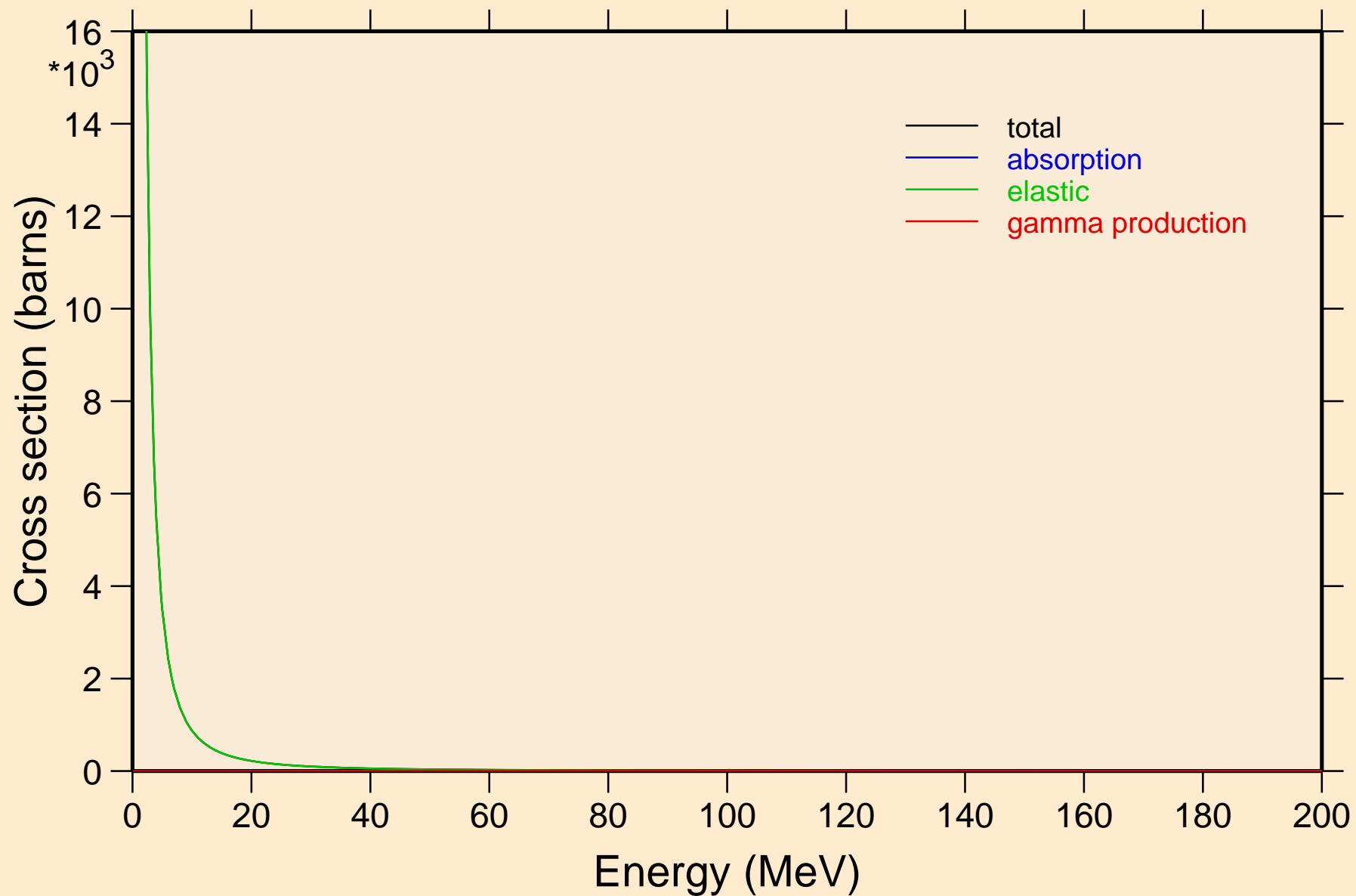


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



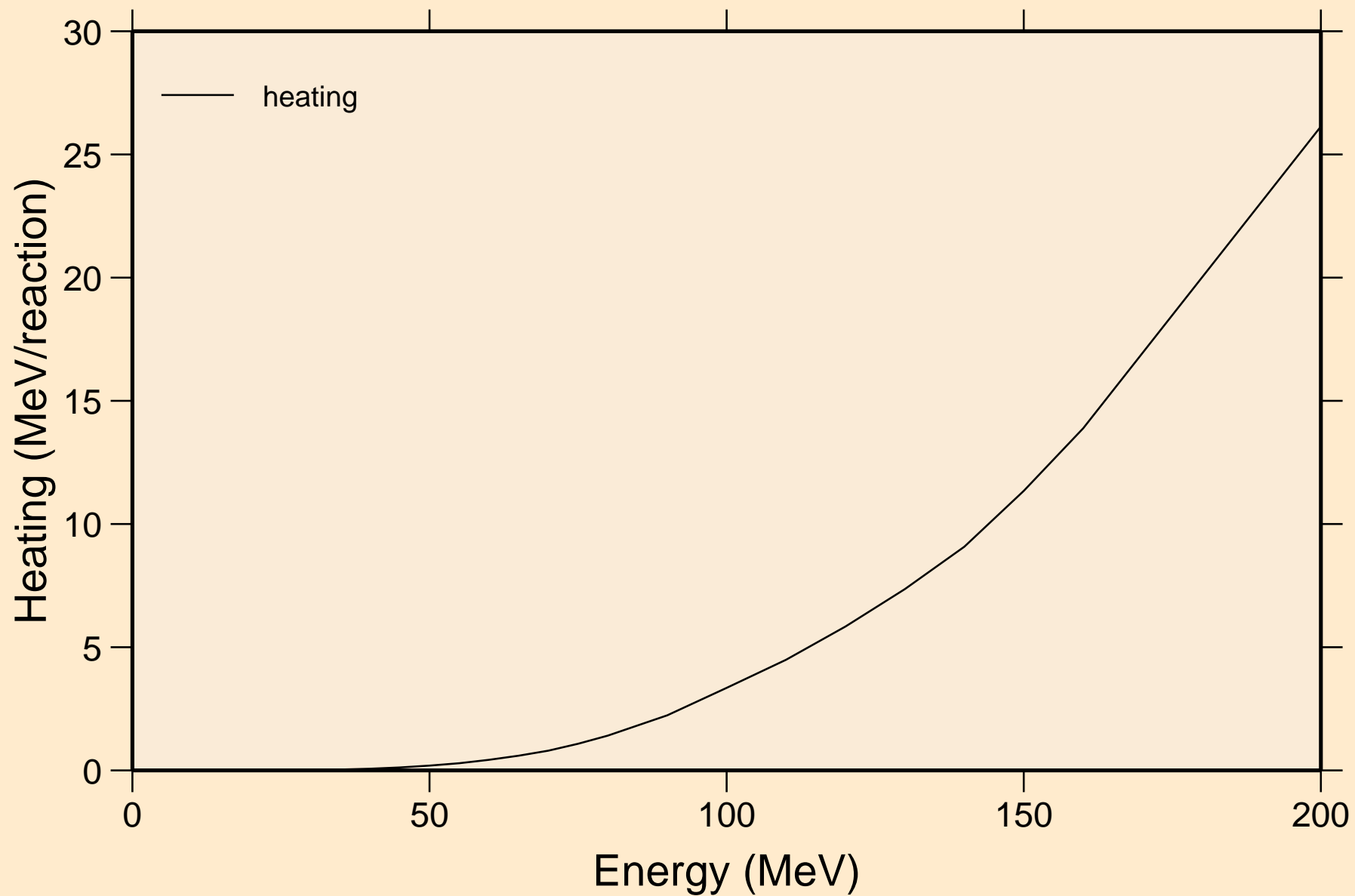
# CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



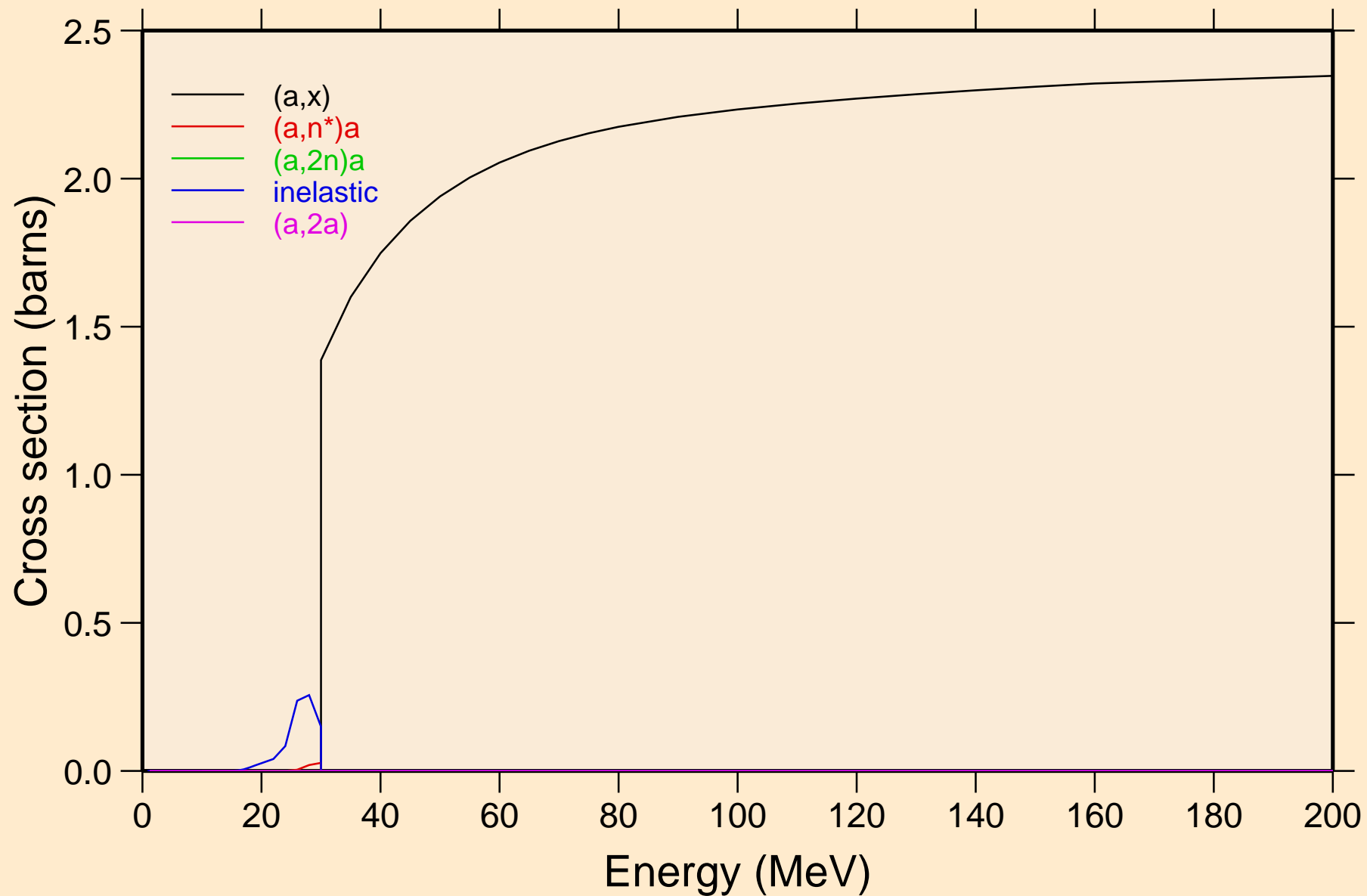
# CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating

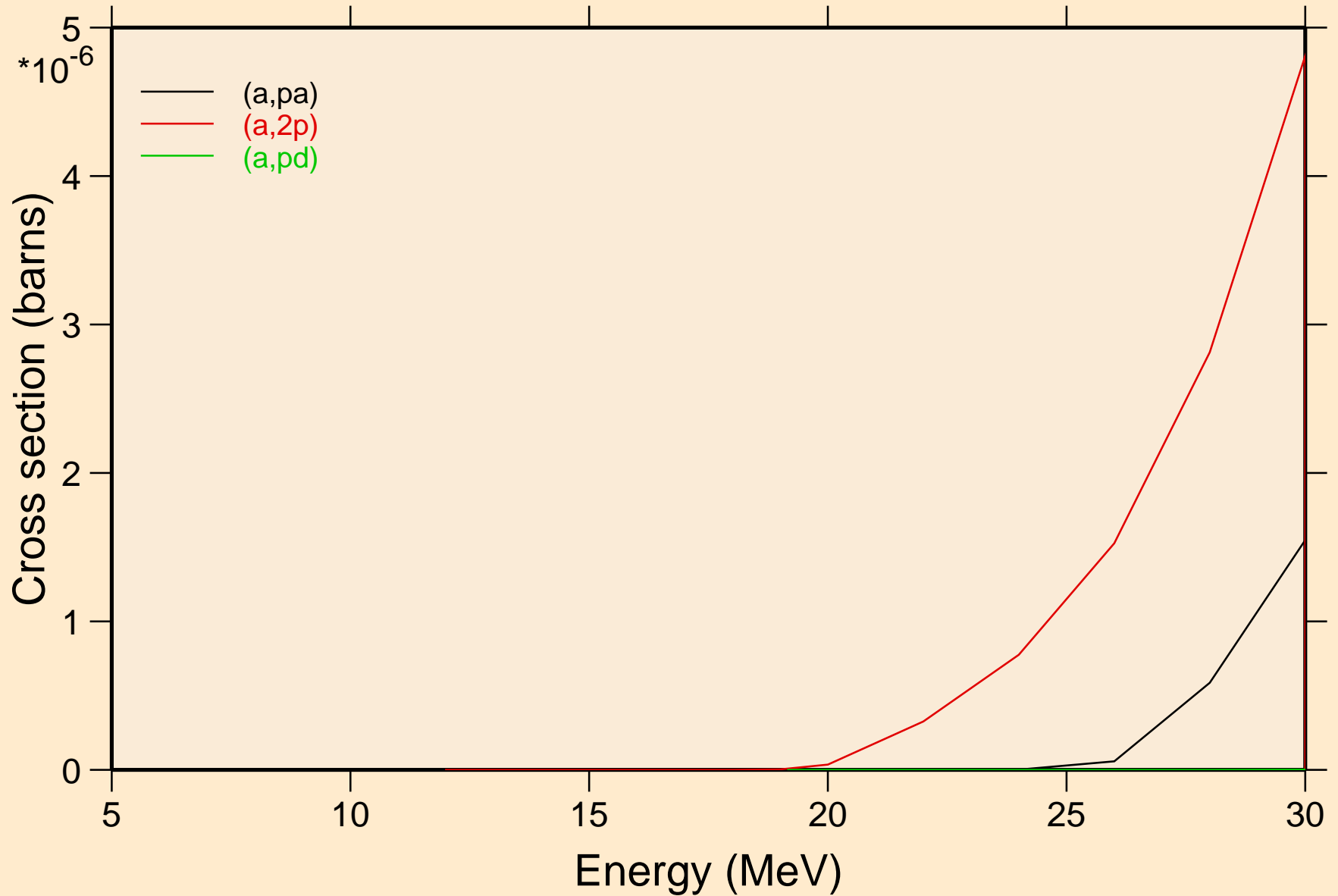


# CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

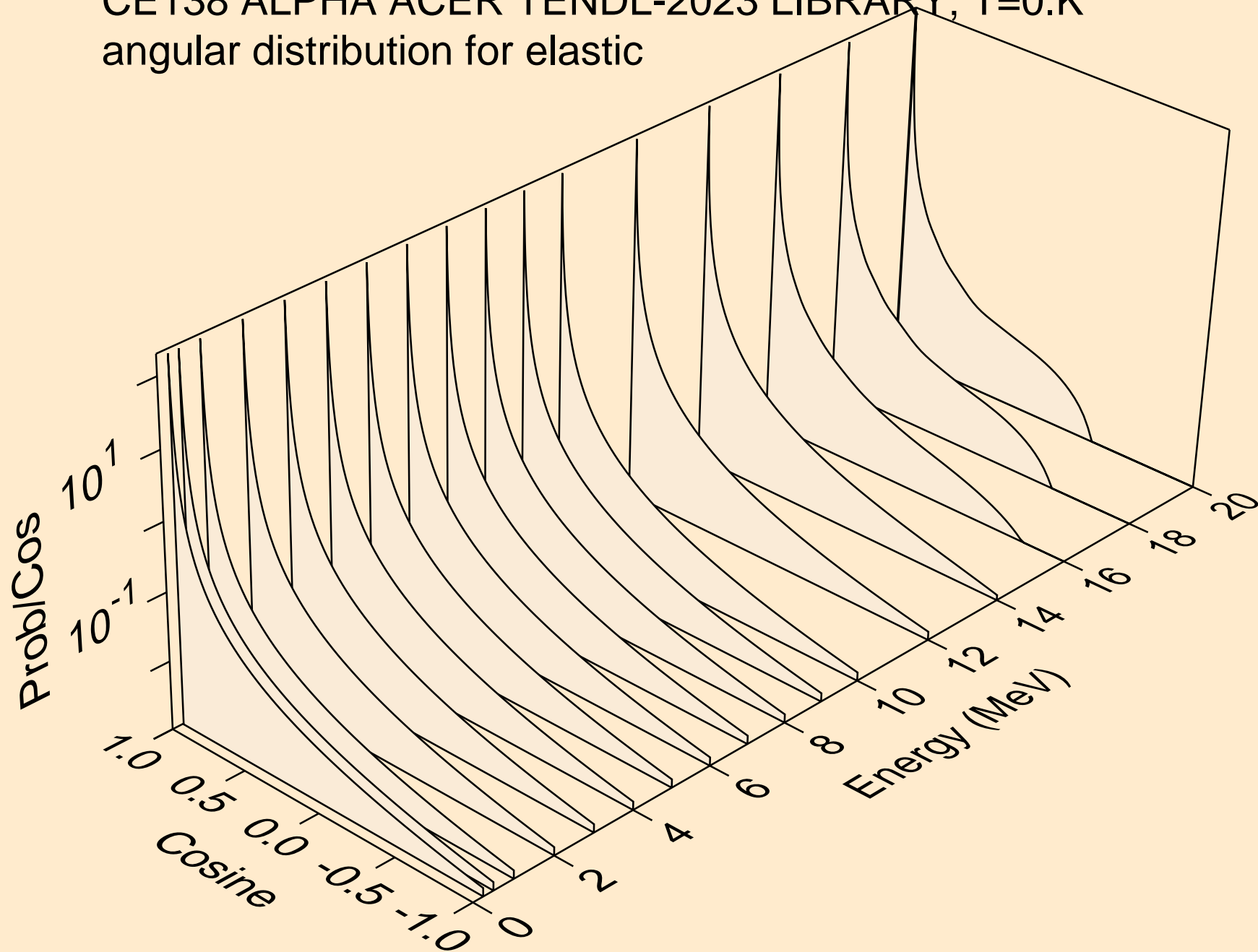
## Threshold reactions



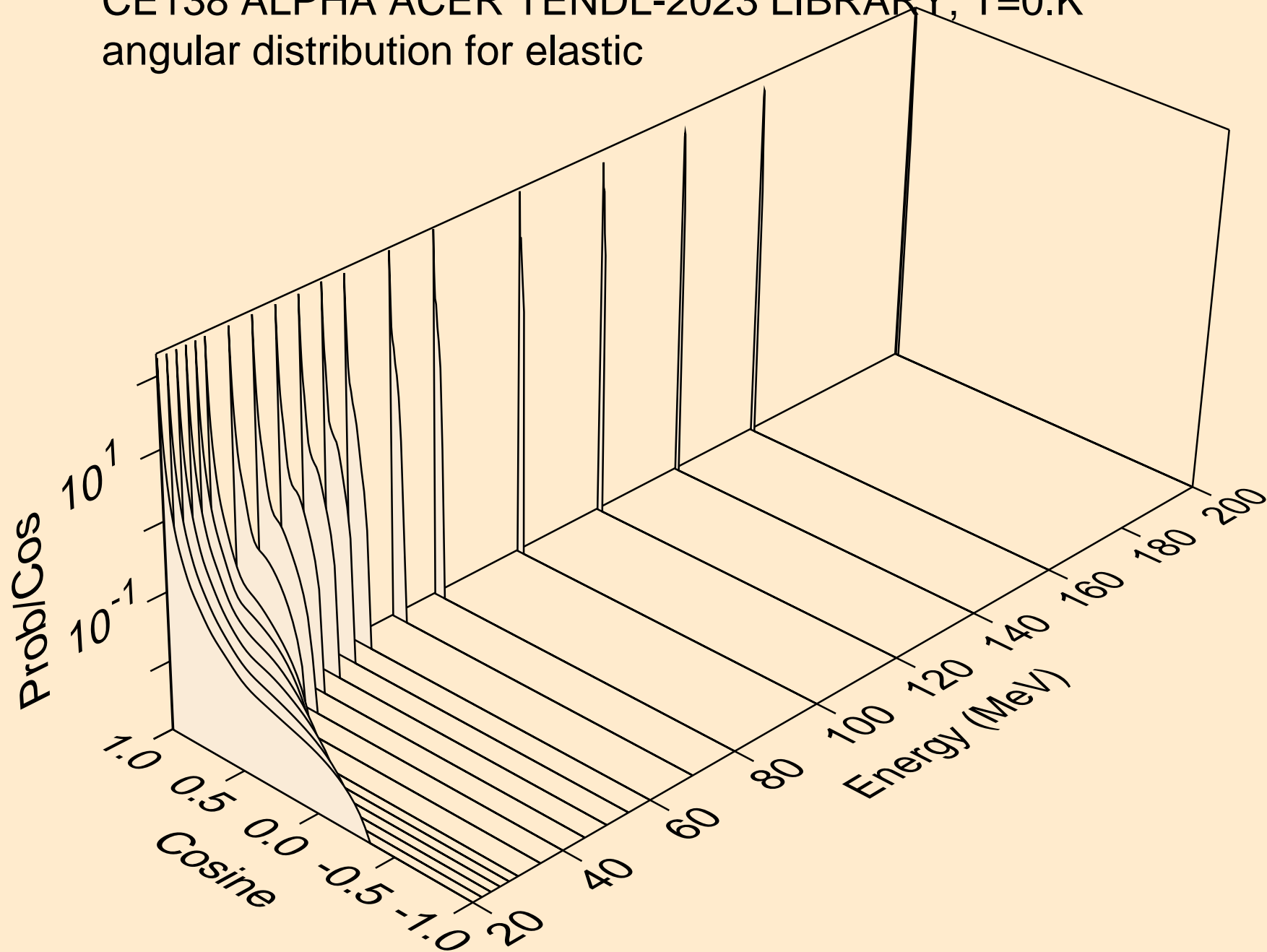
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

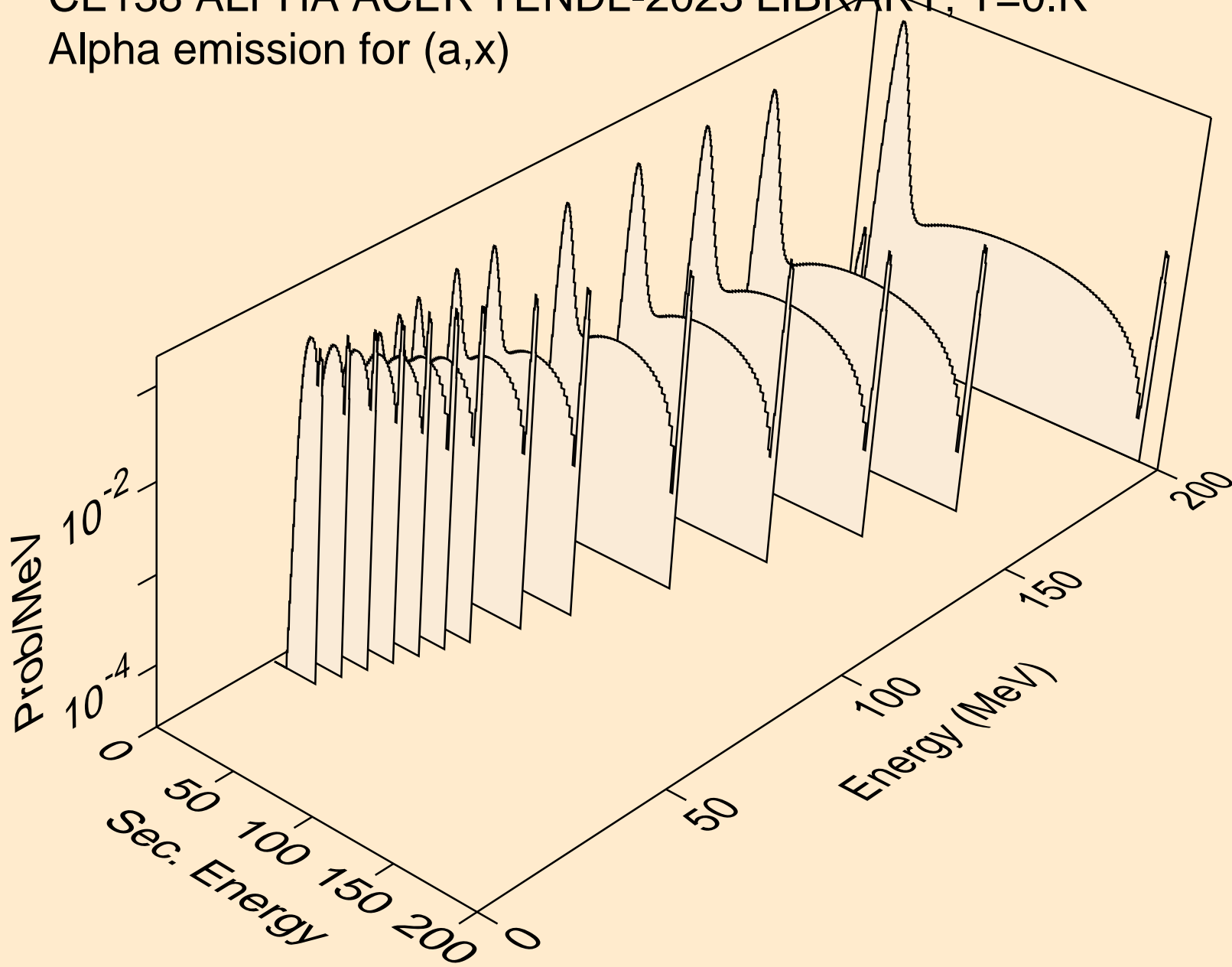


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

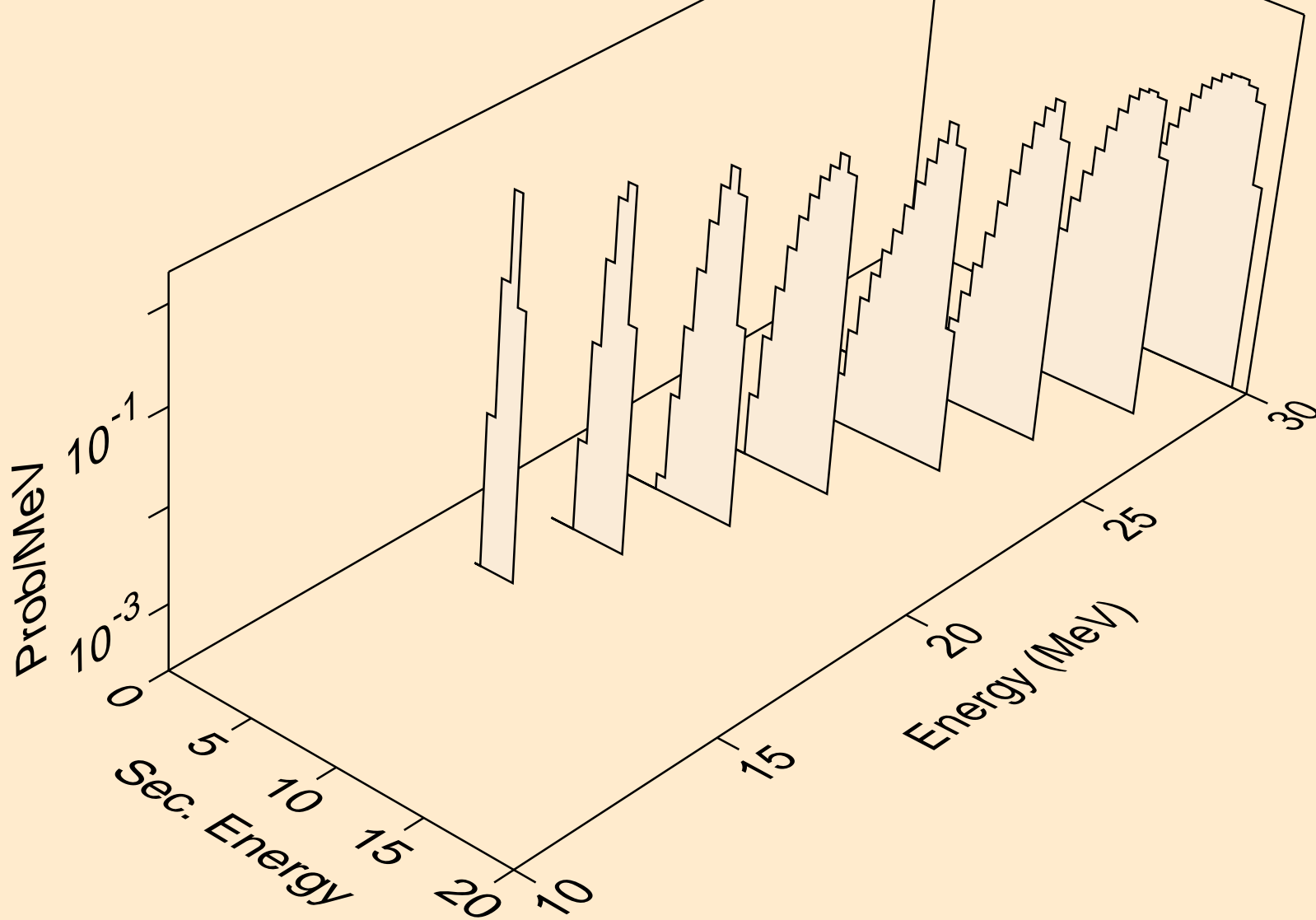




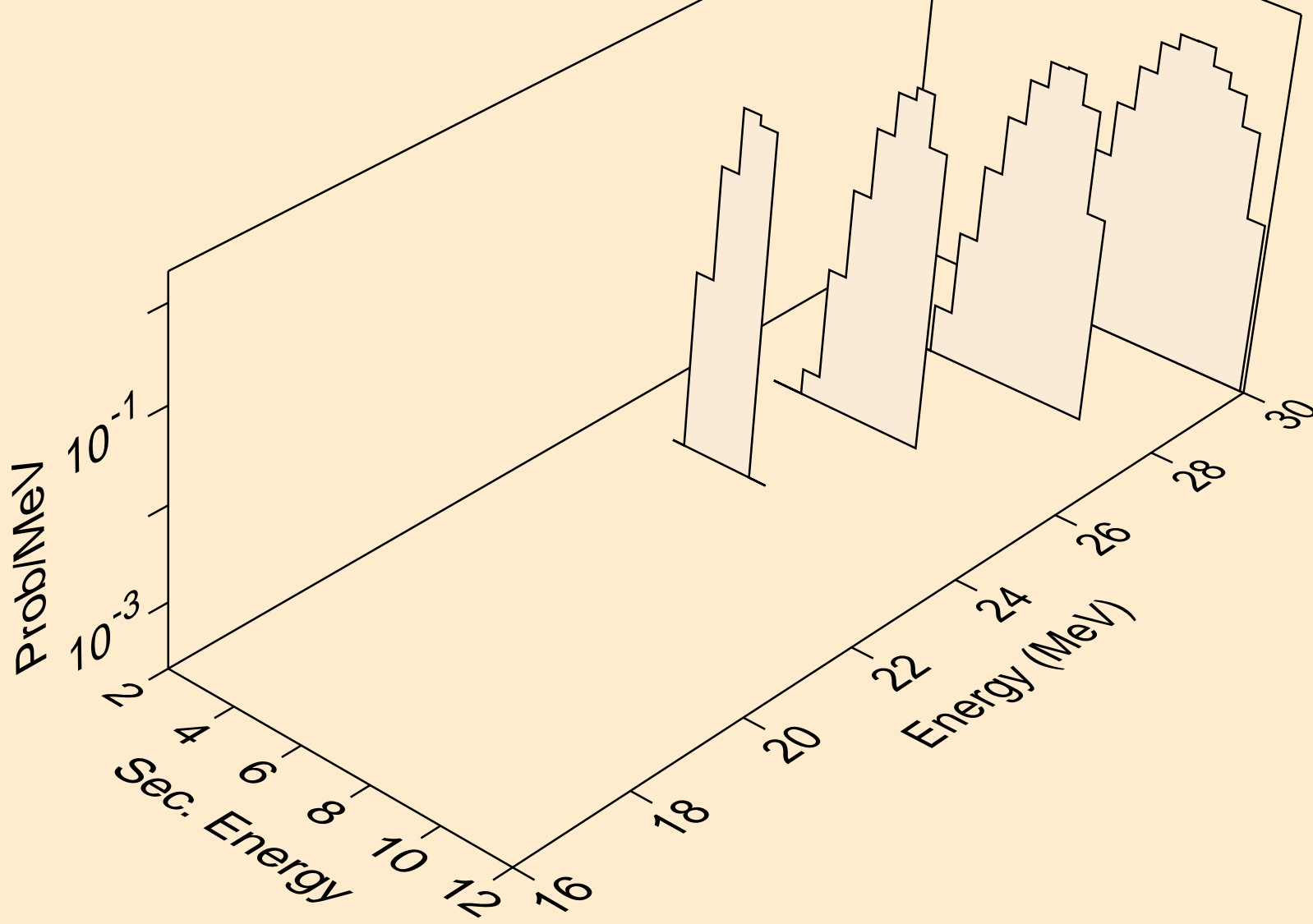
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



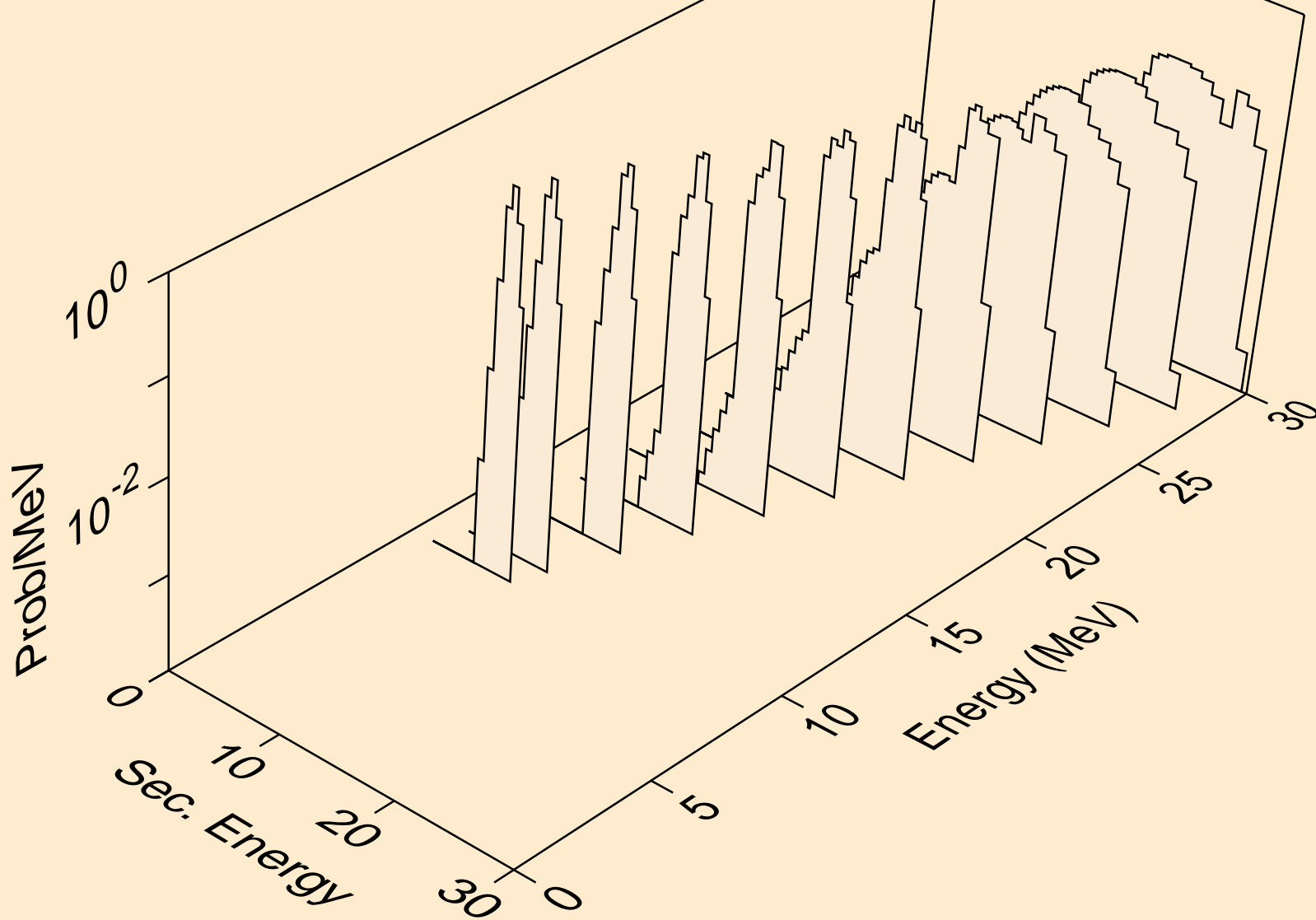
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



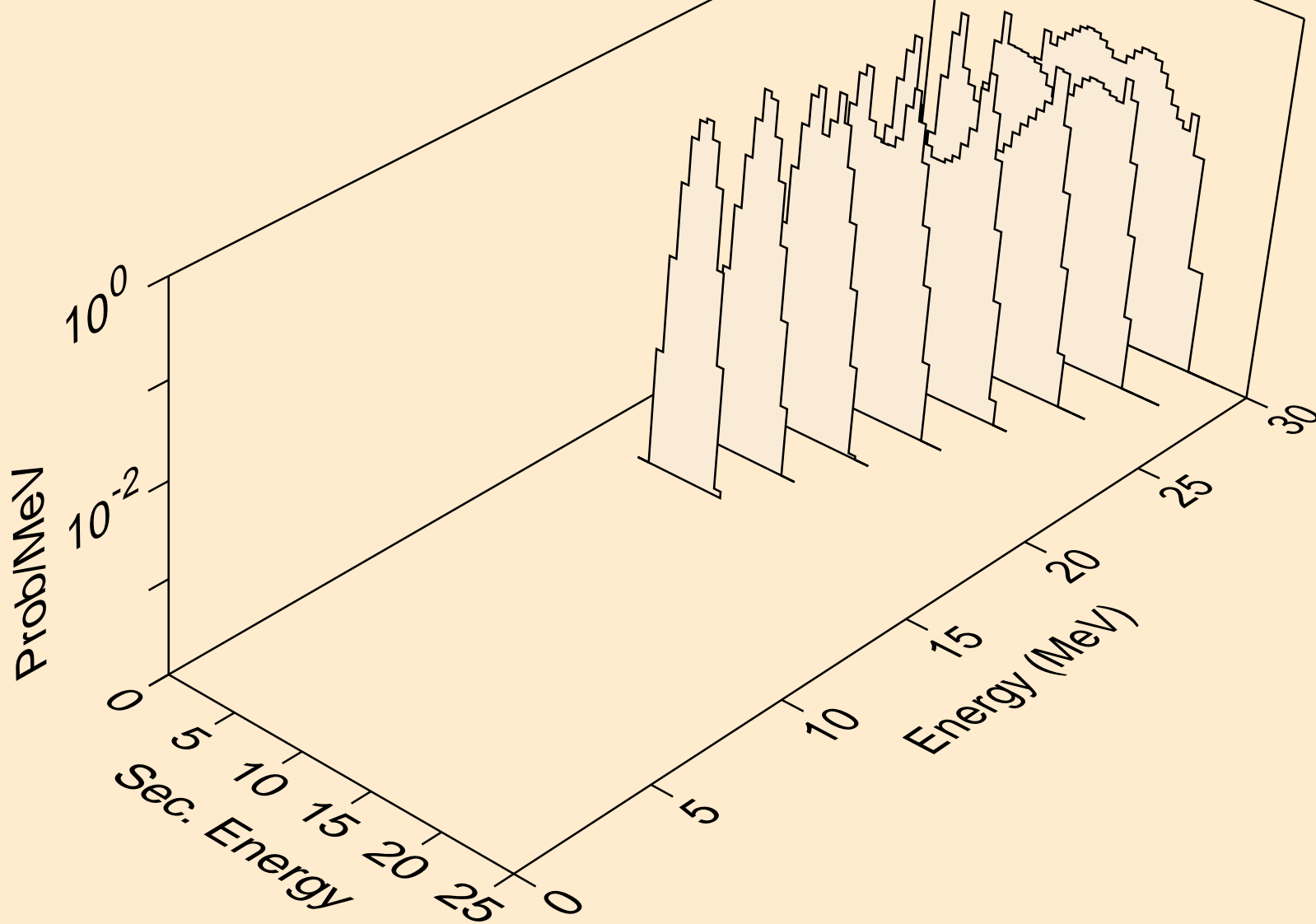
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



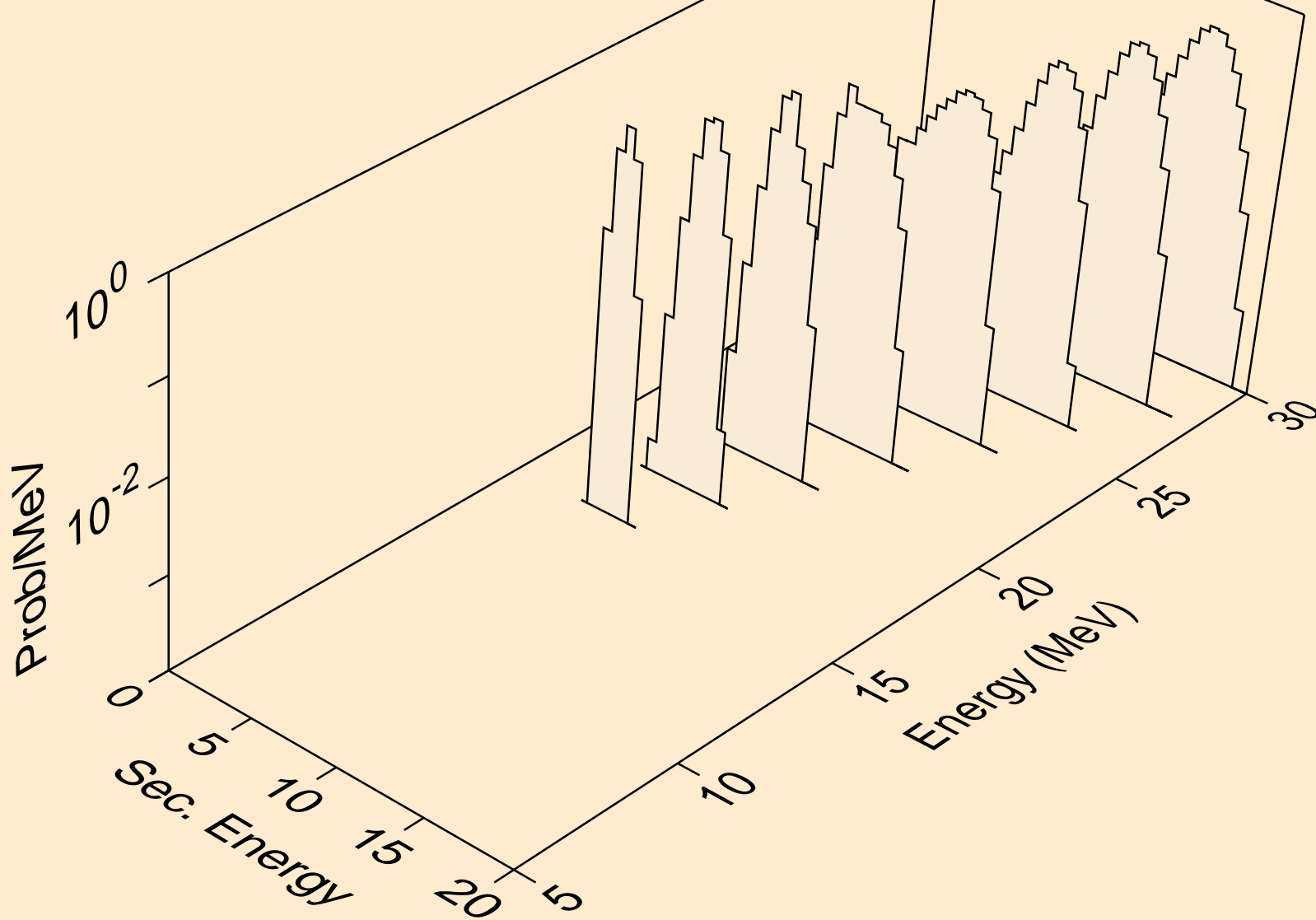
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



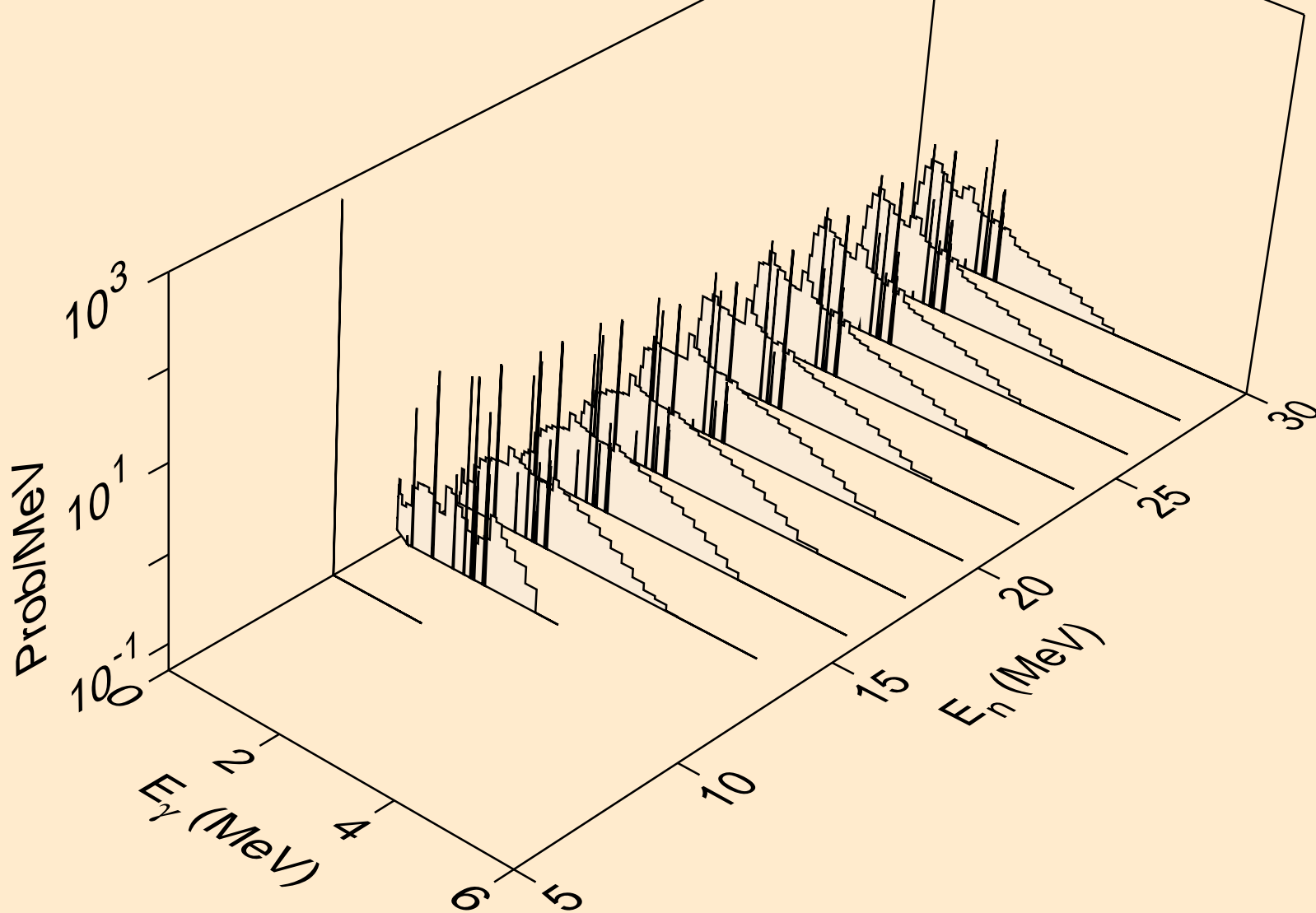
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



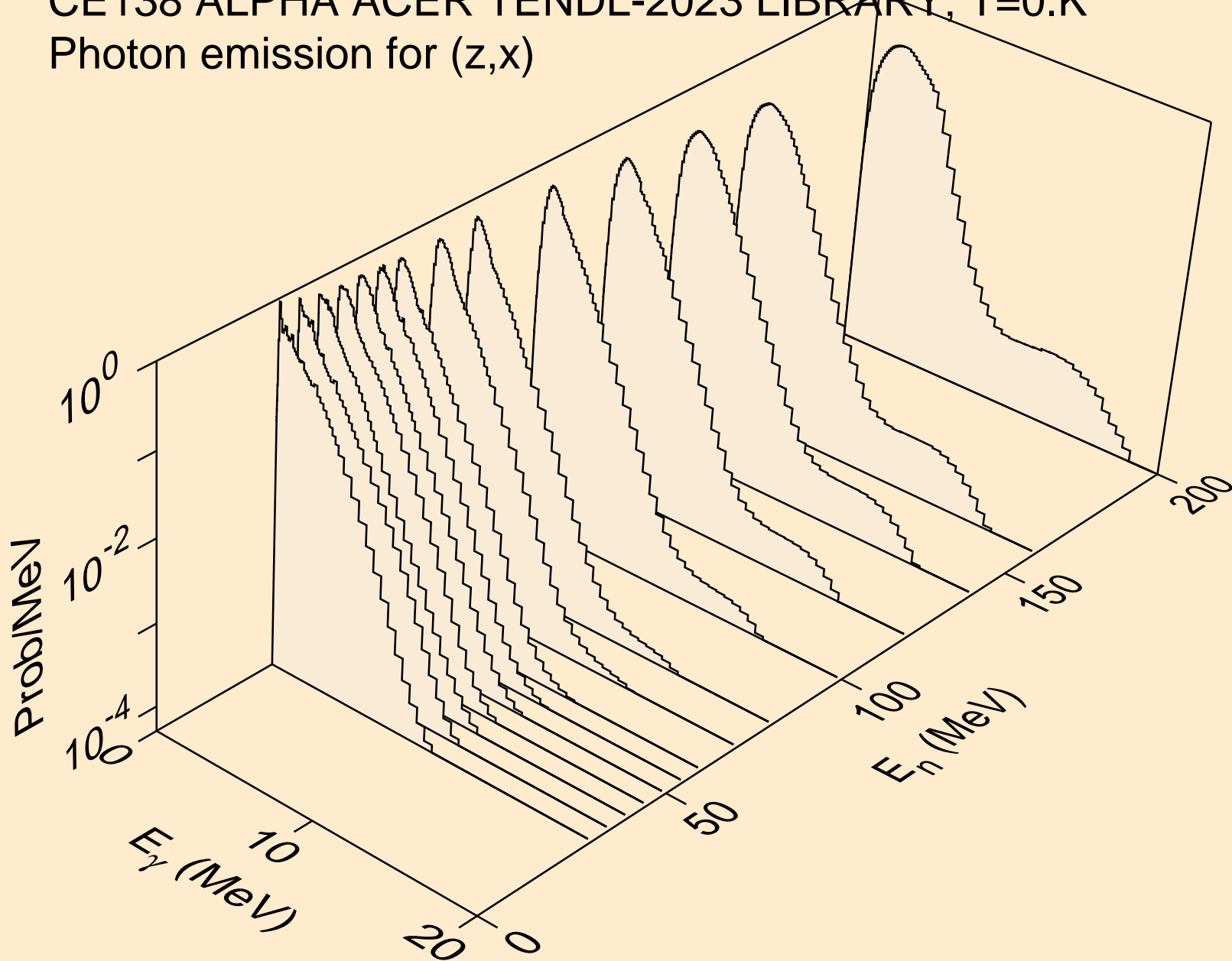
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

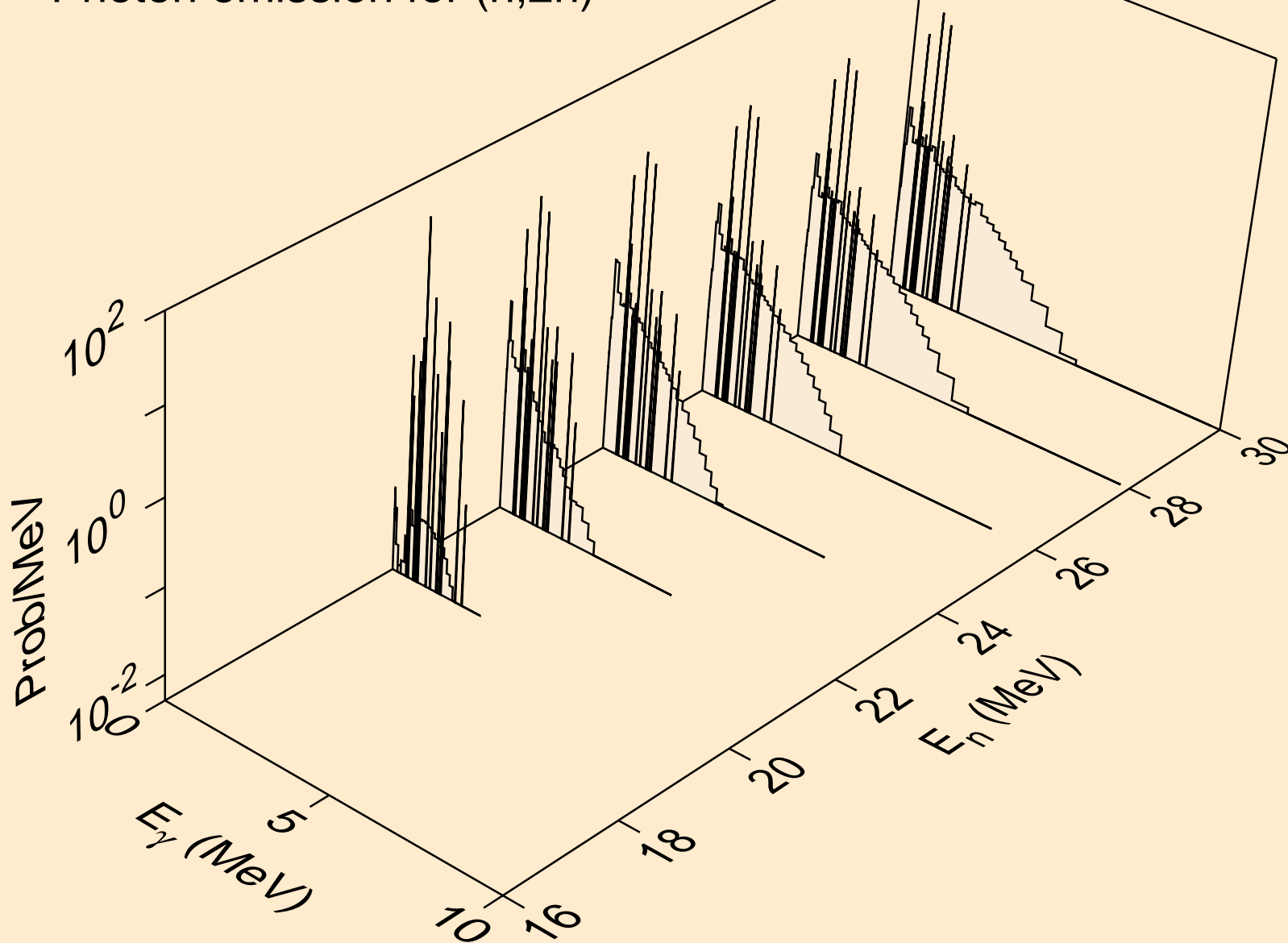


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

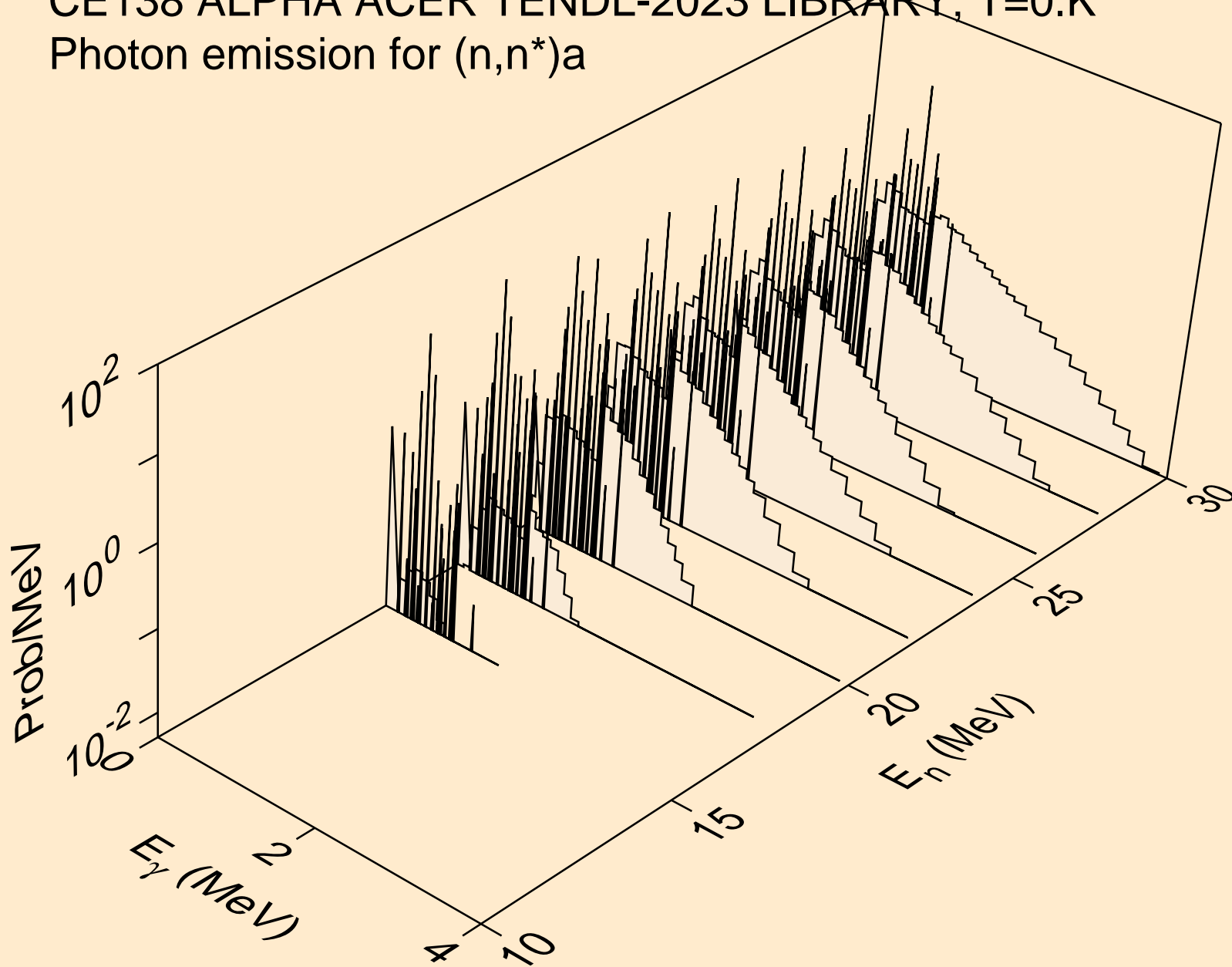




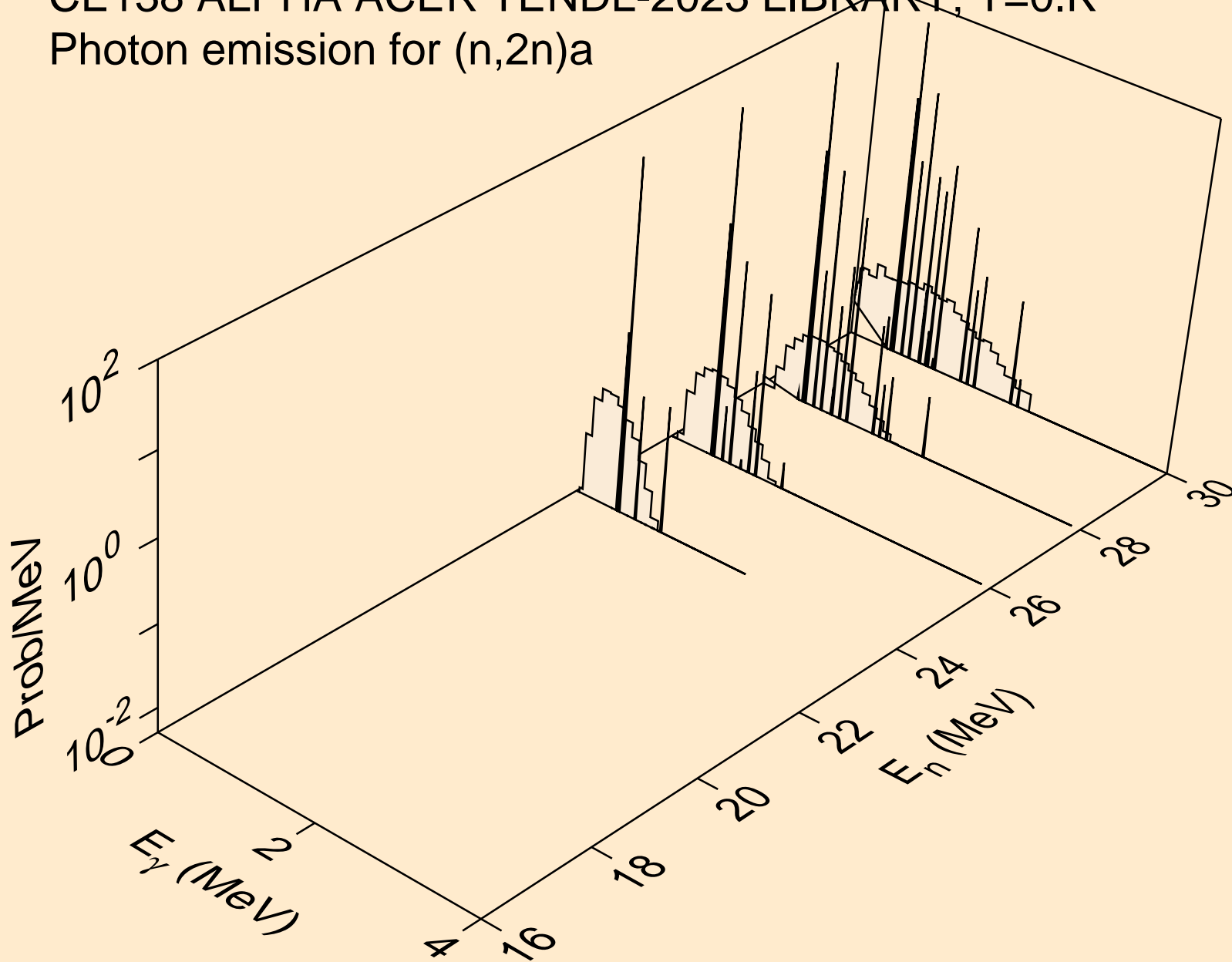
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



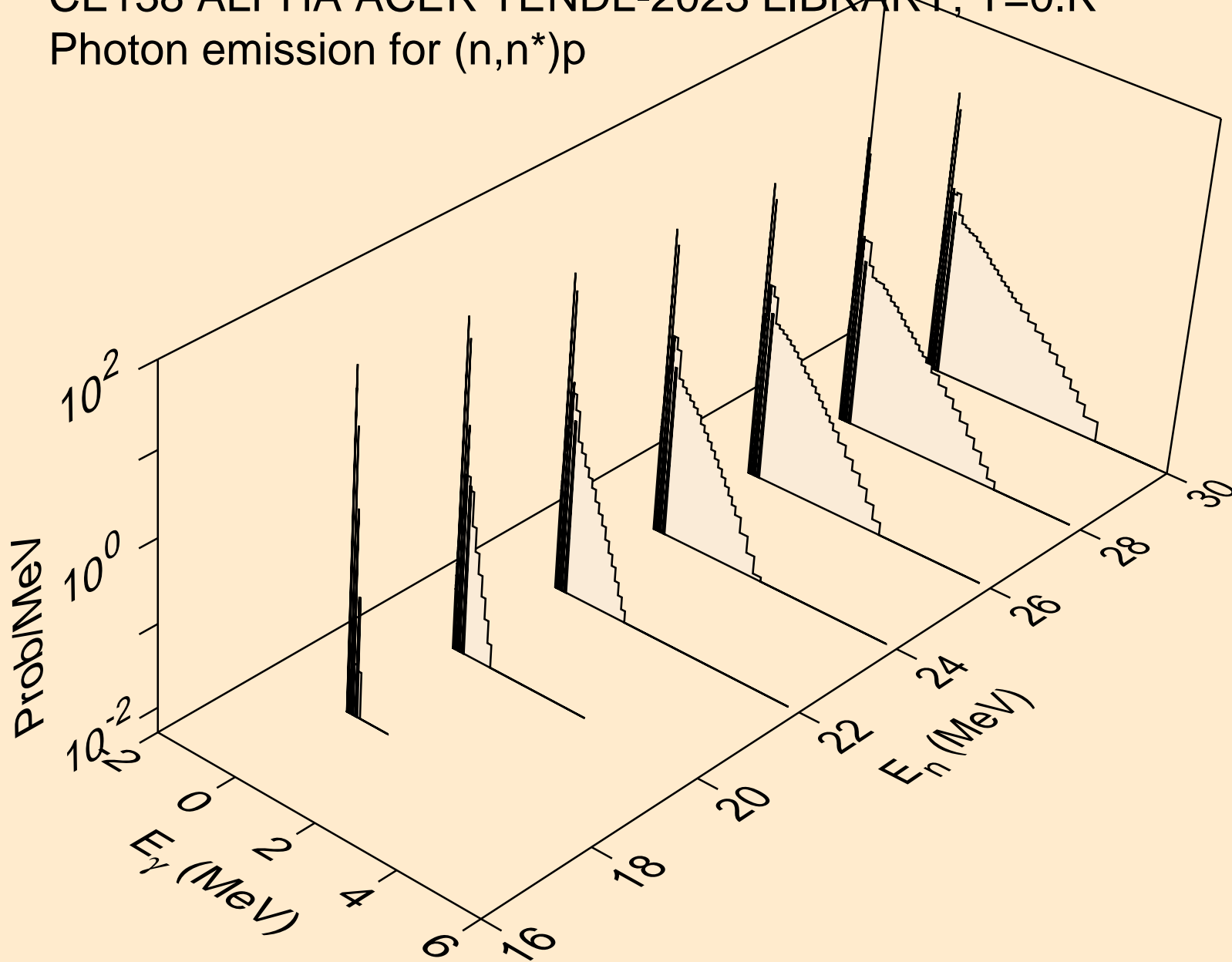
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



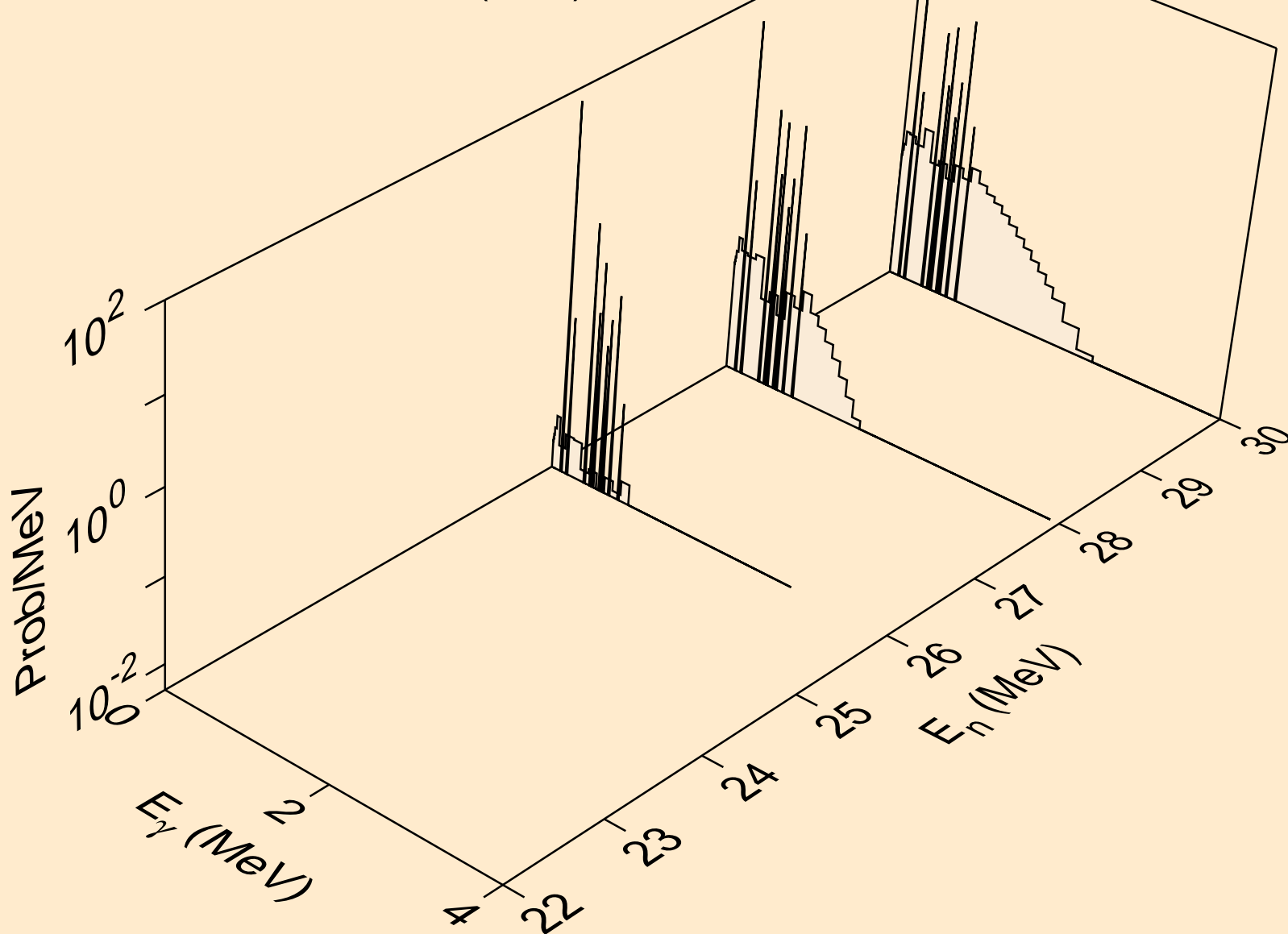
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



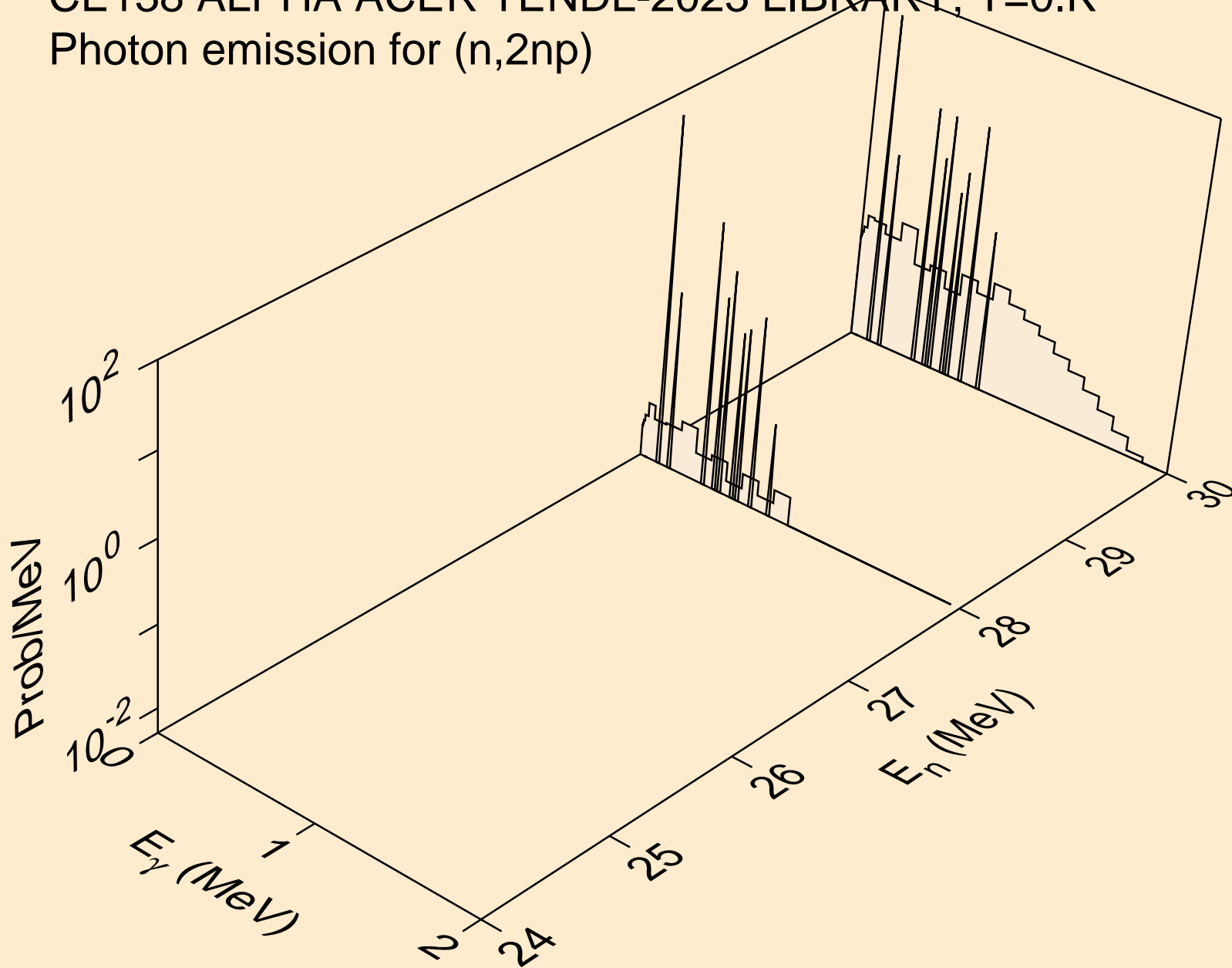
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



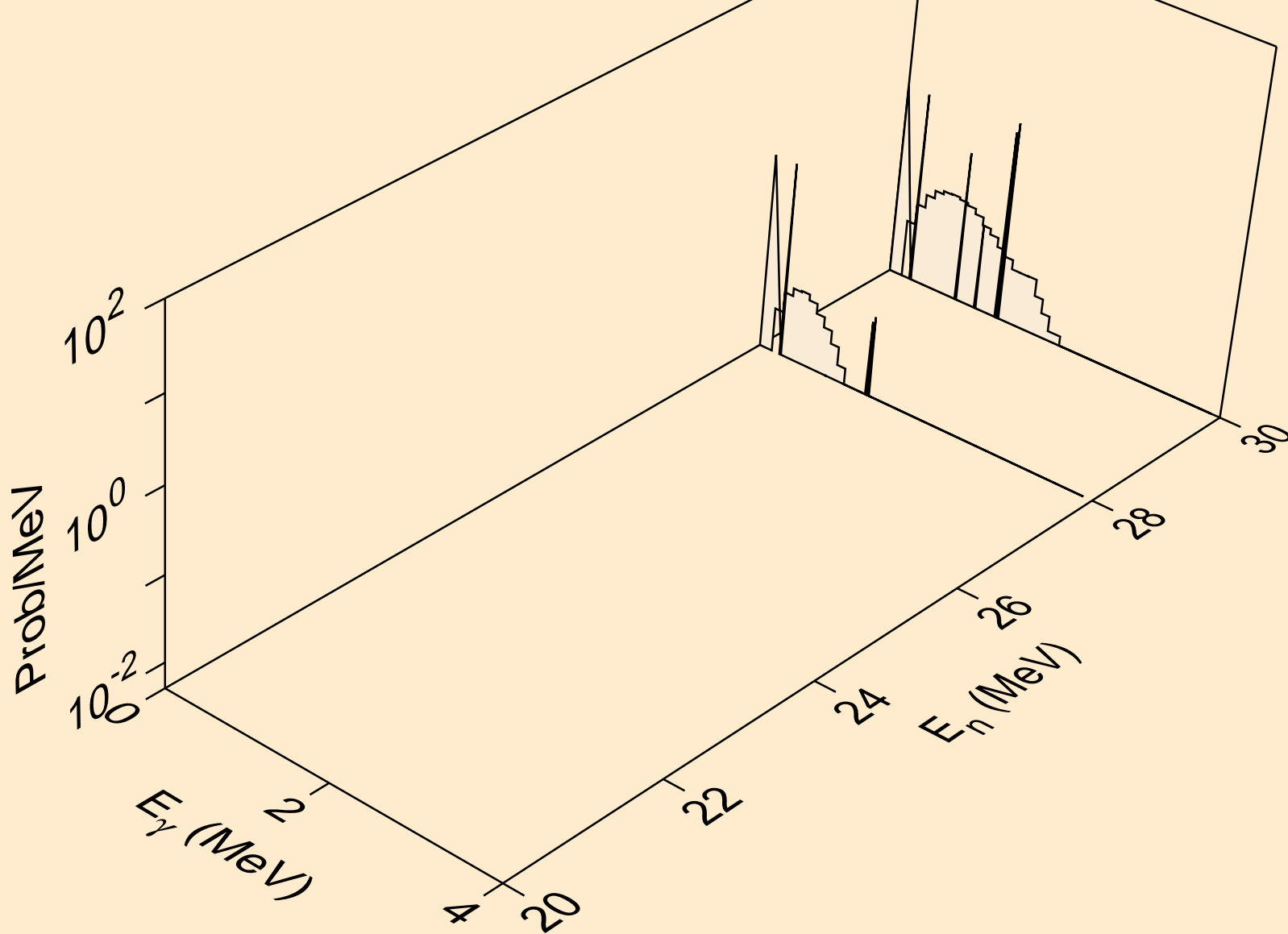
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



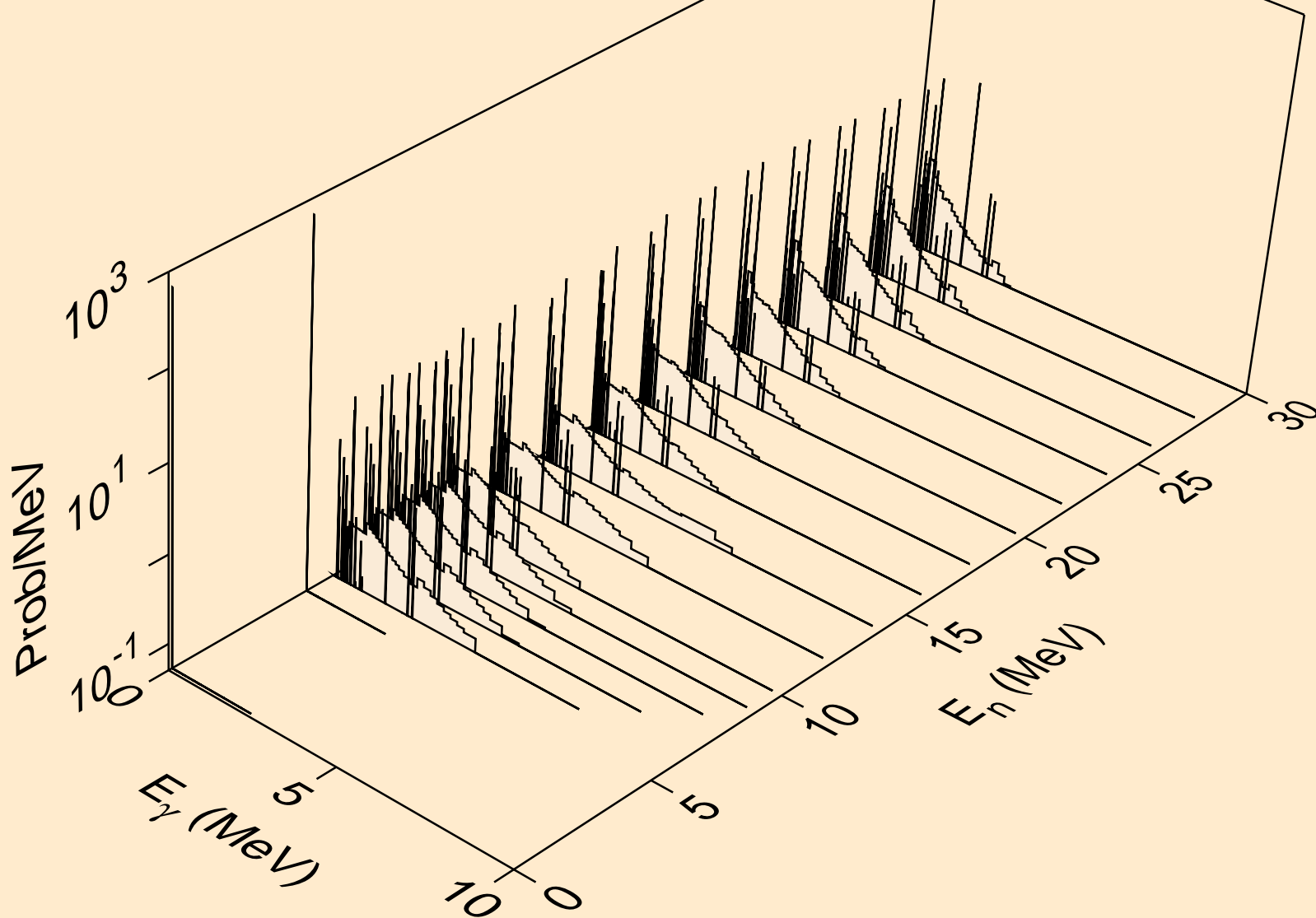
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

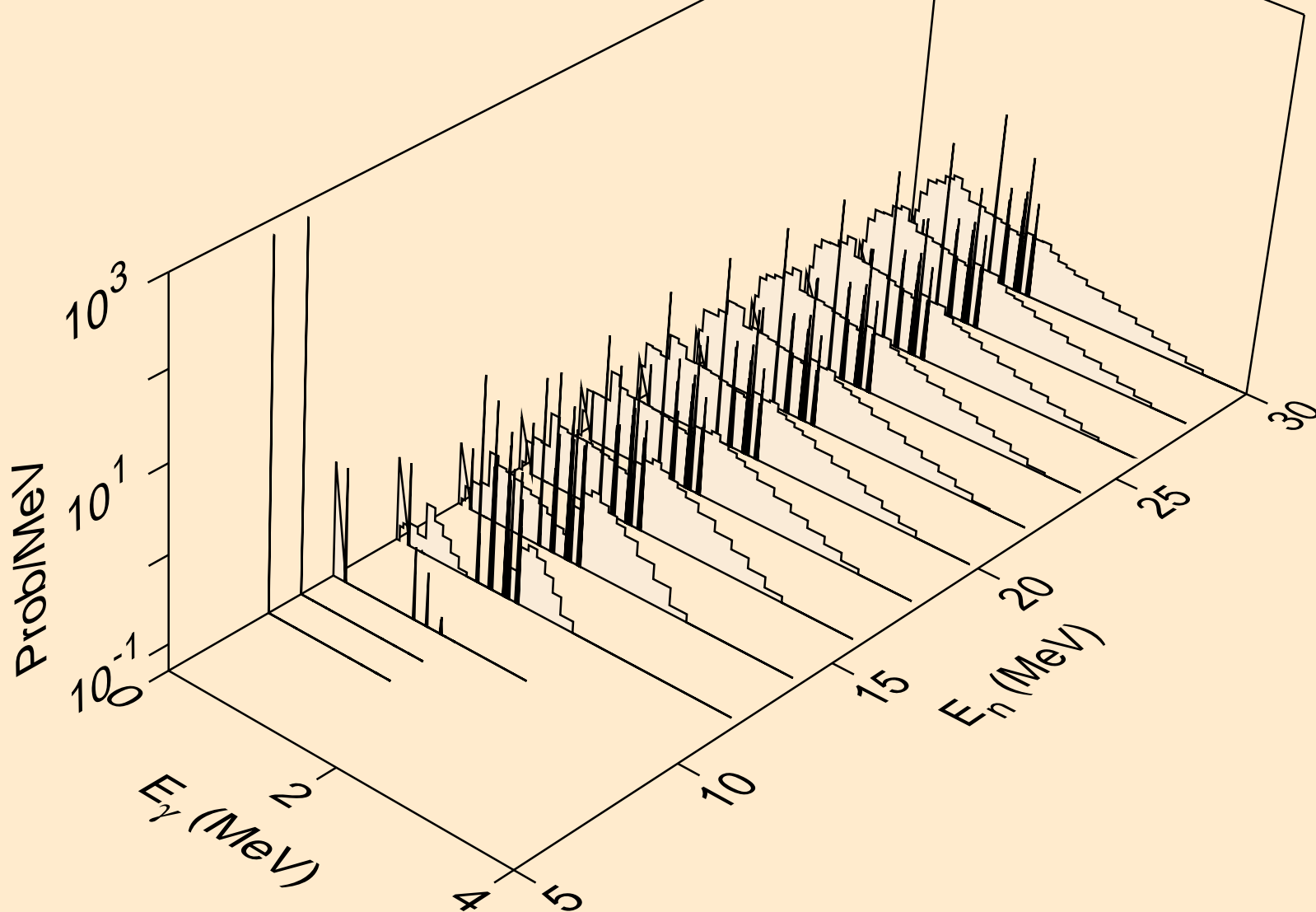


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

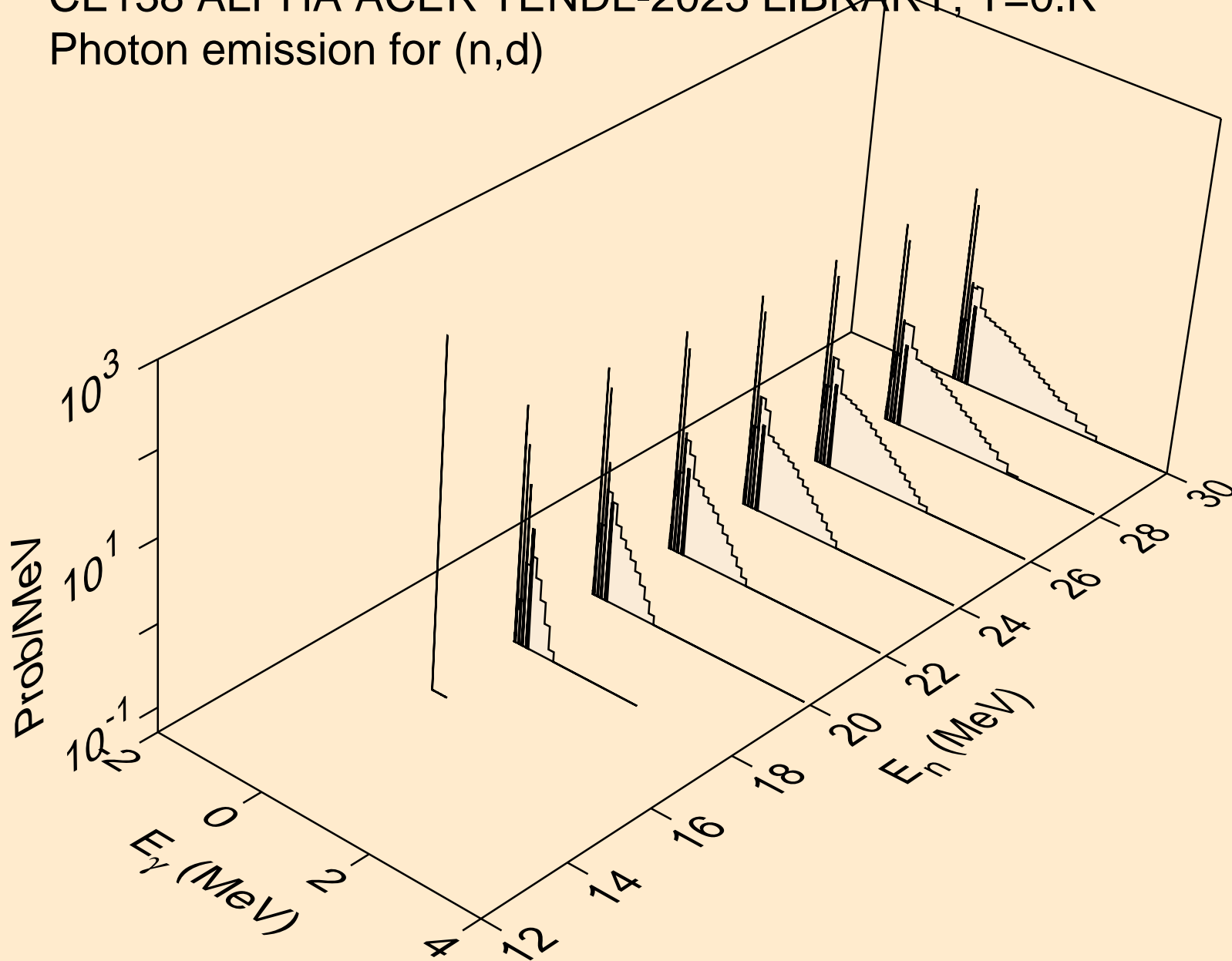




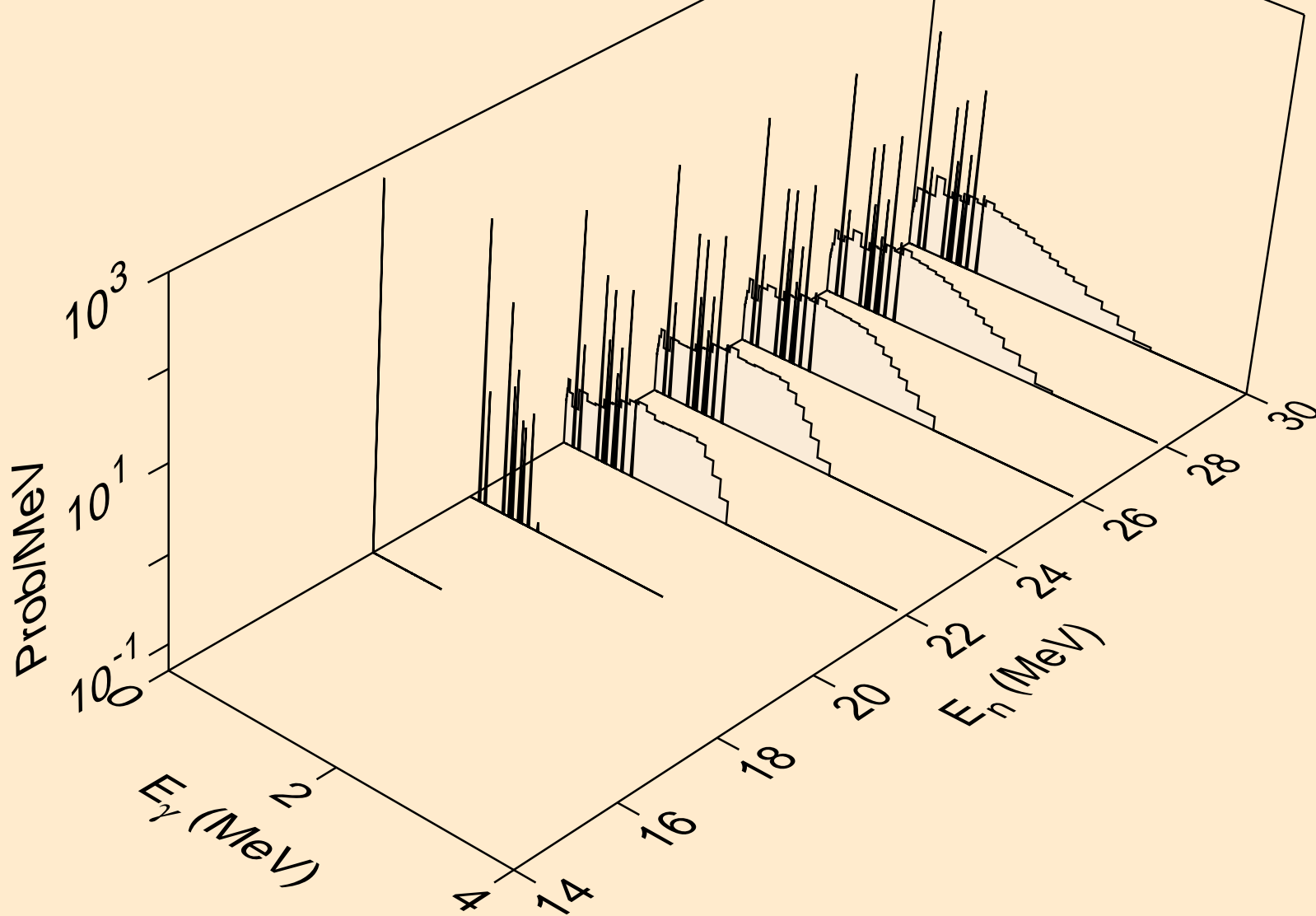
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



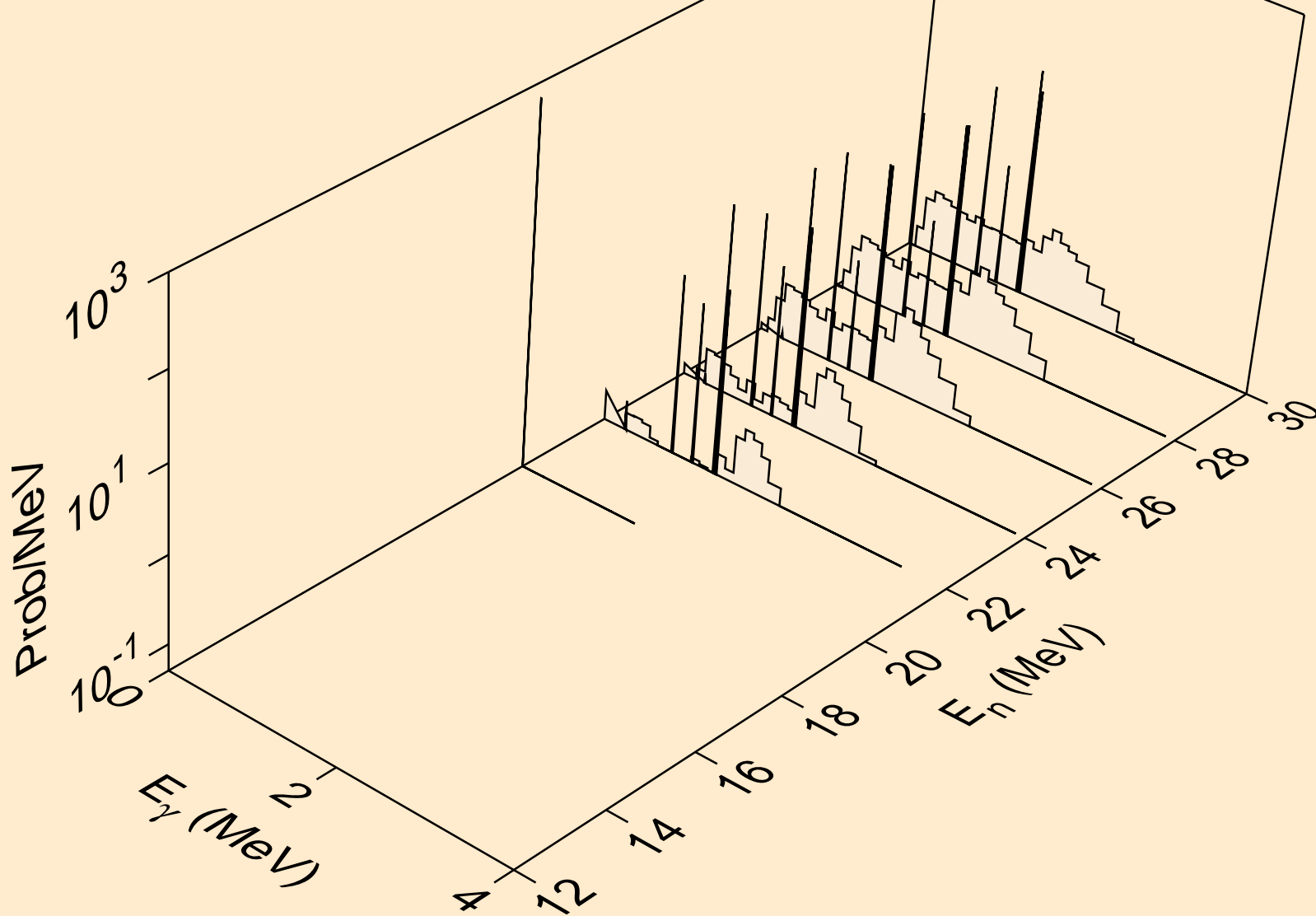
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



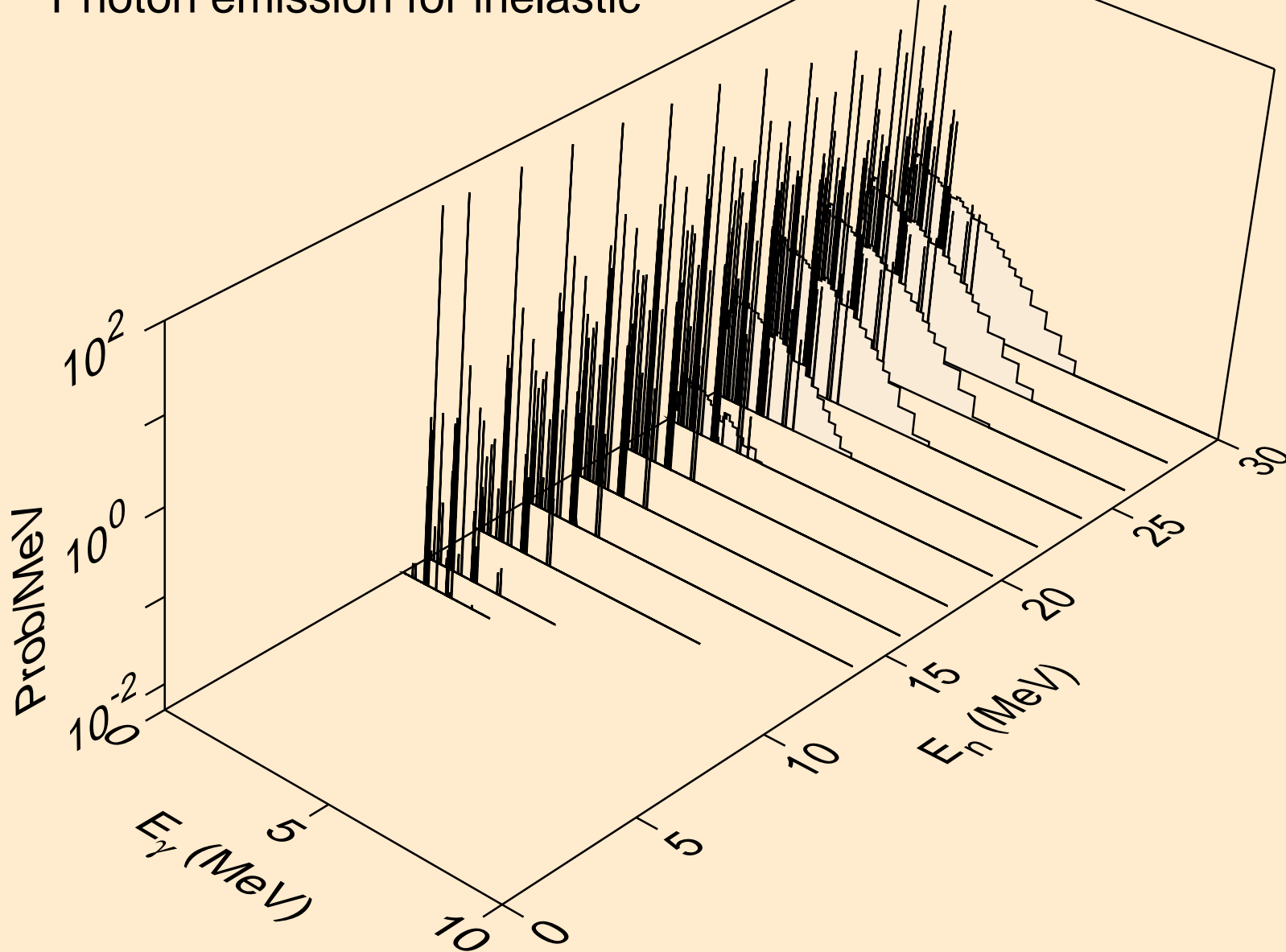
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



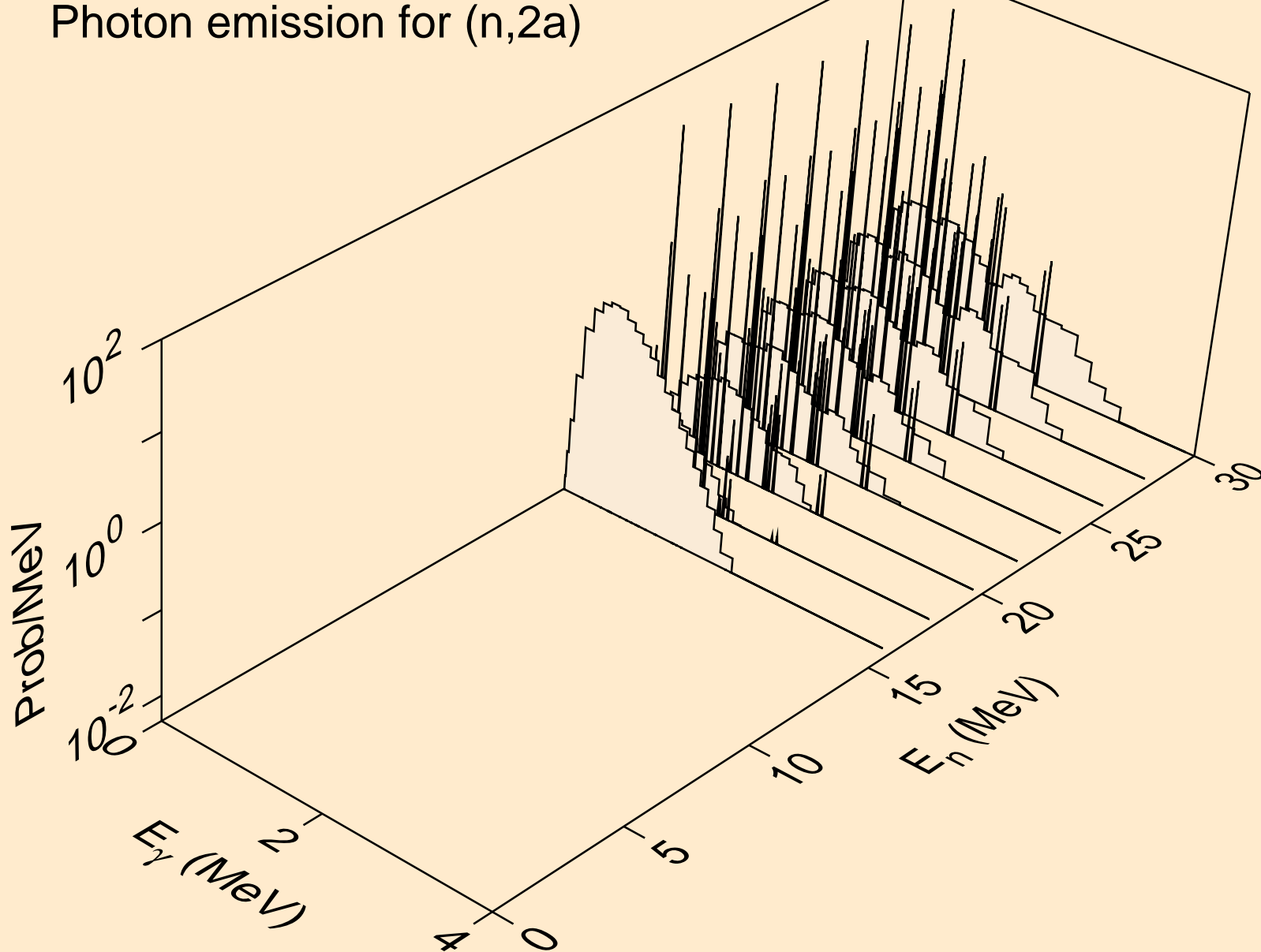
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



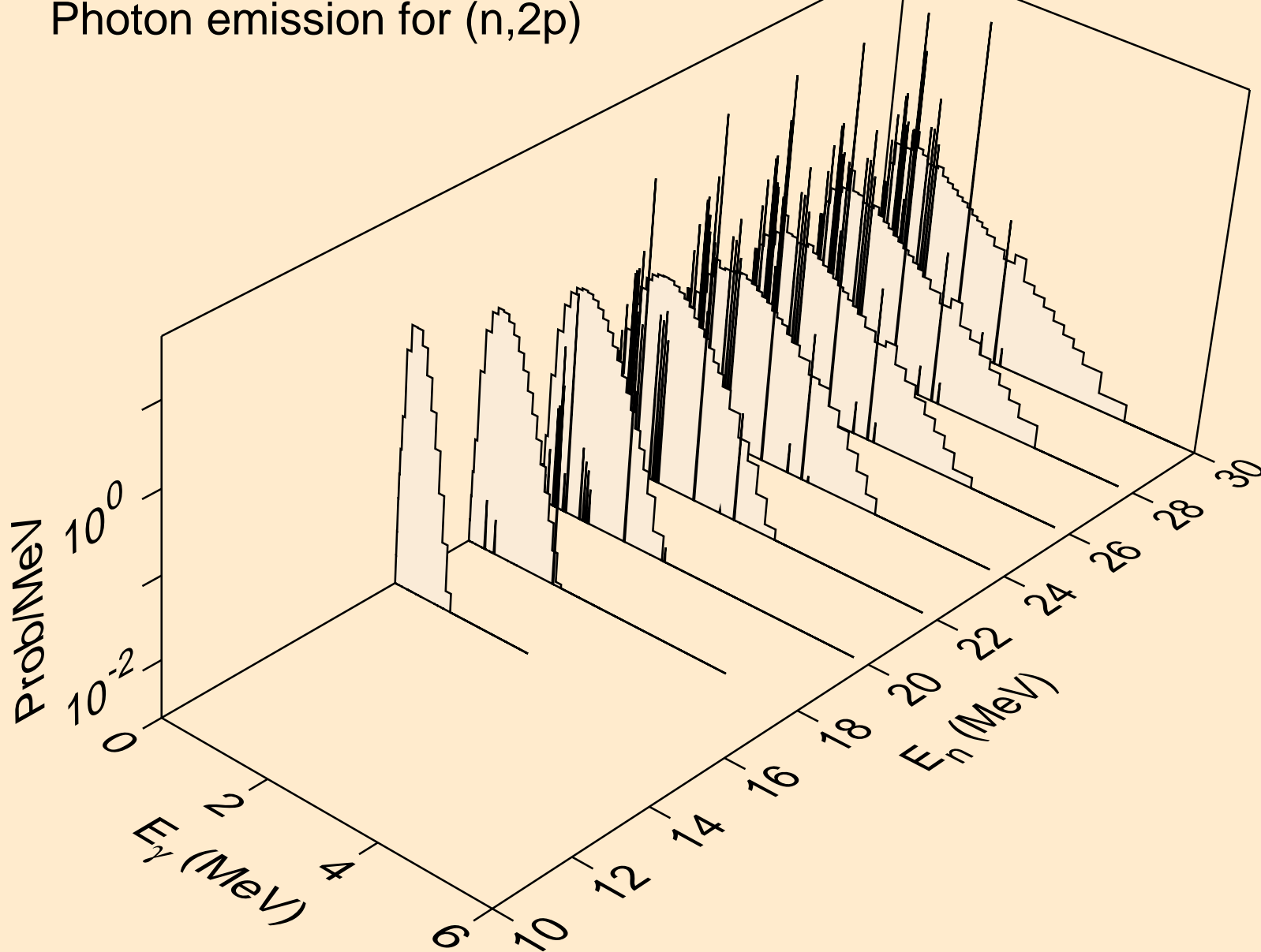
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



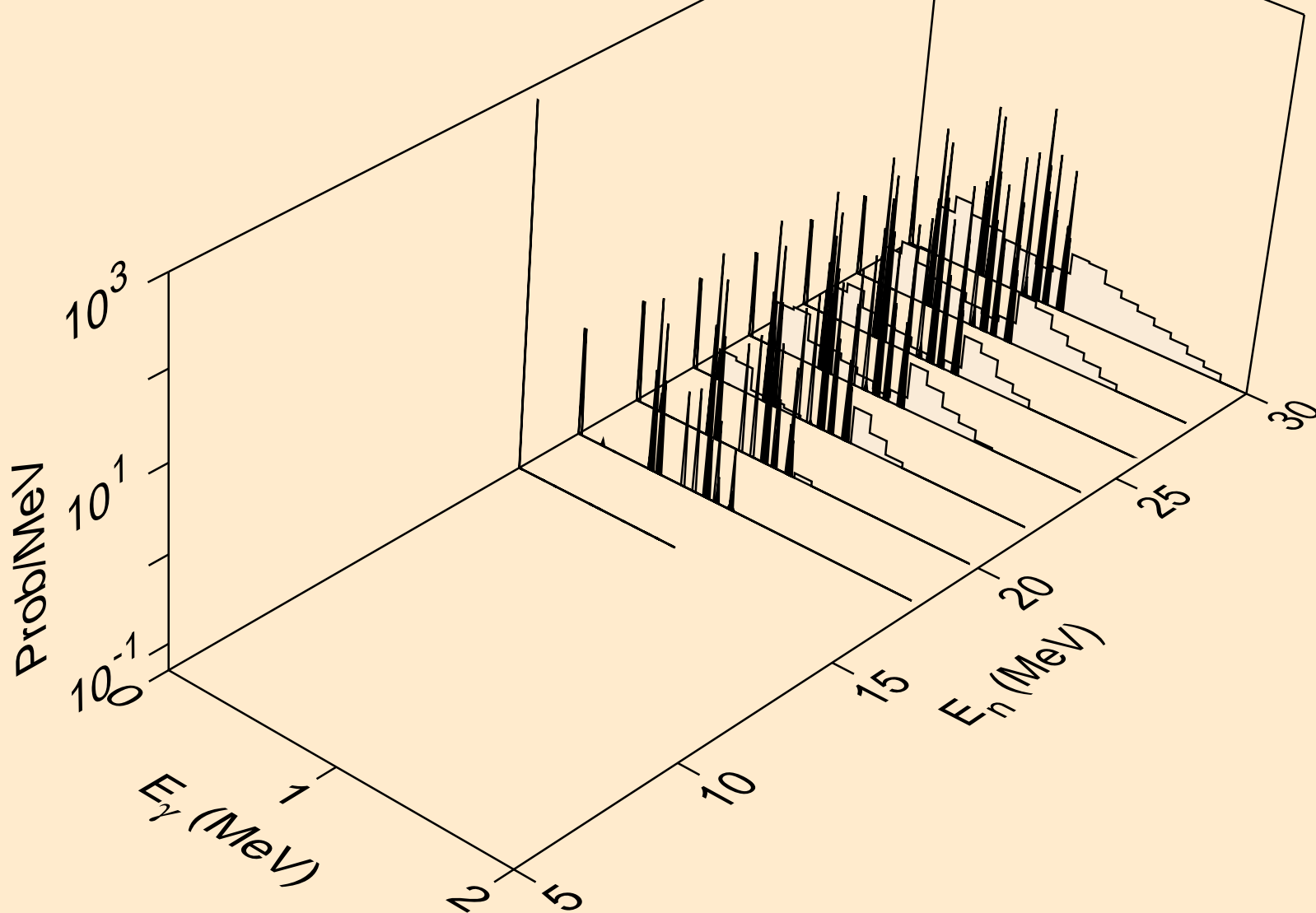
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

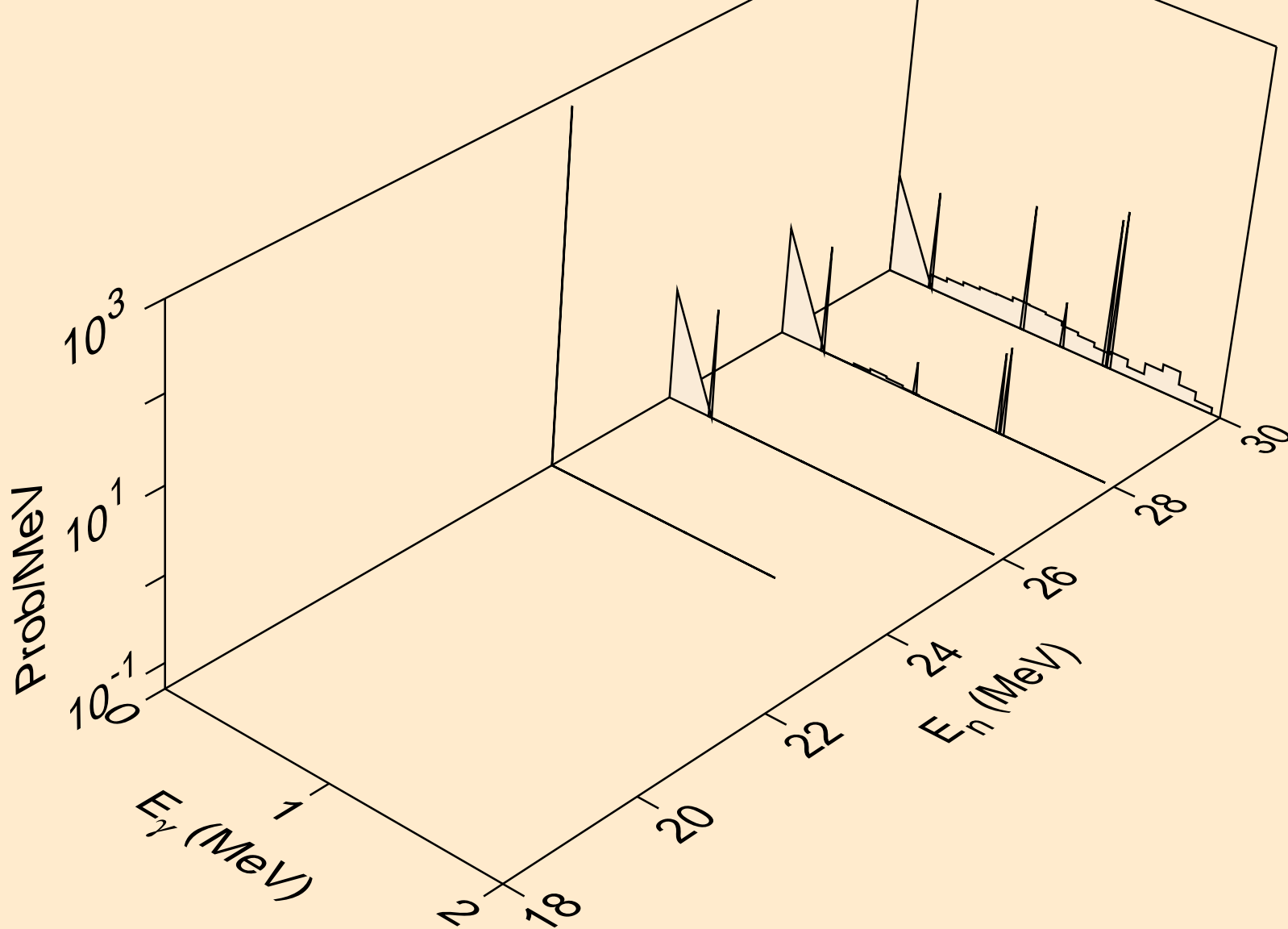


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

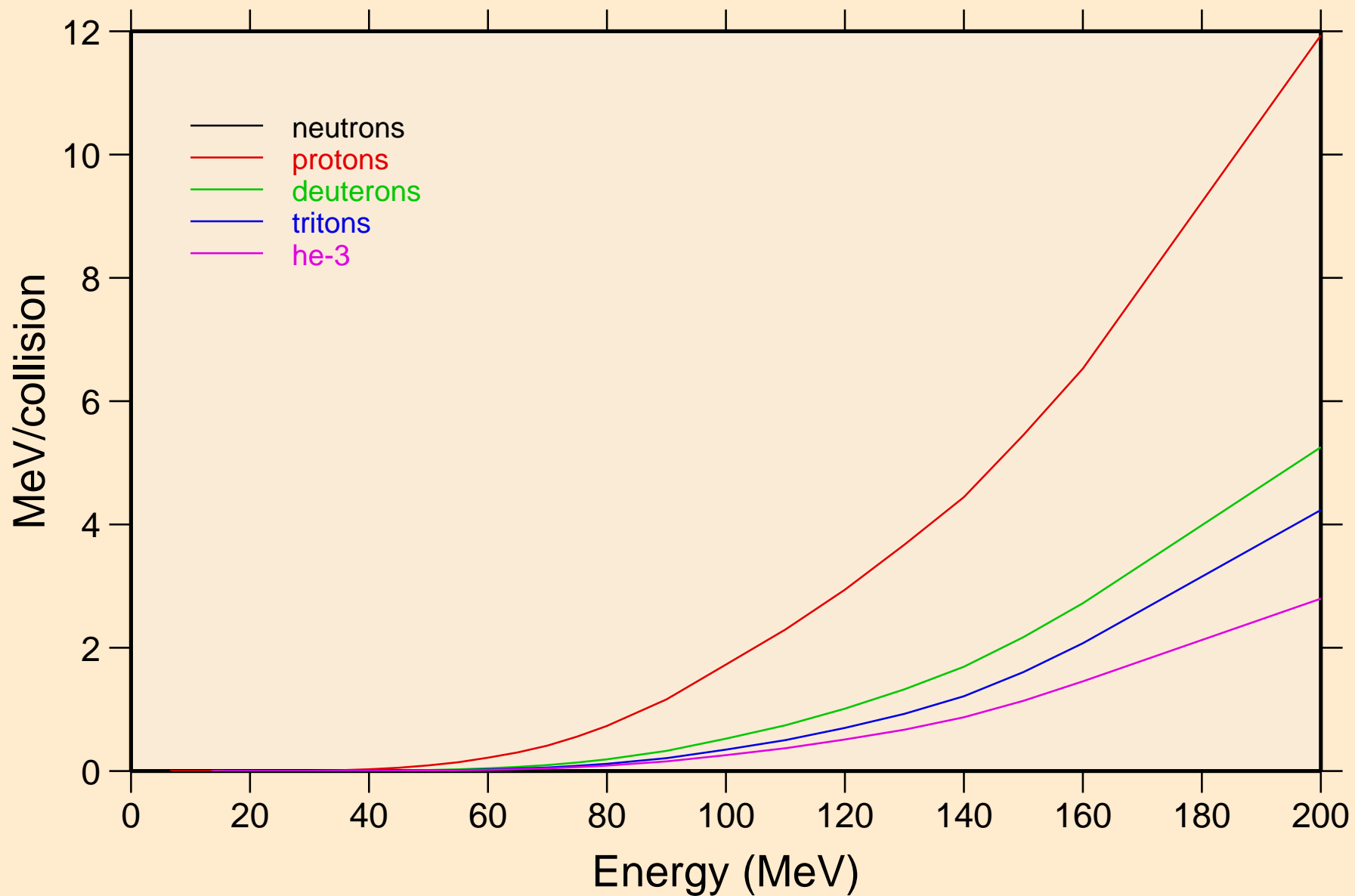




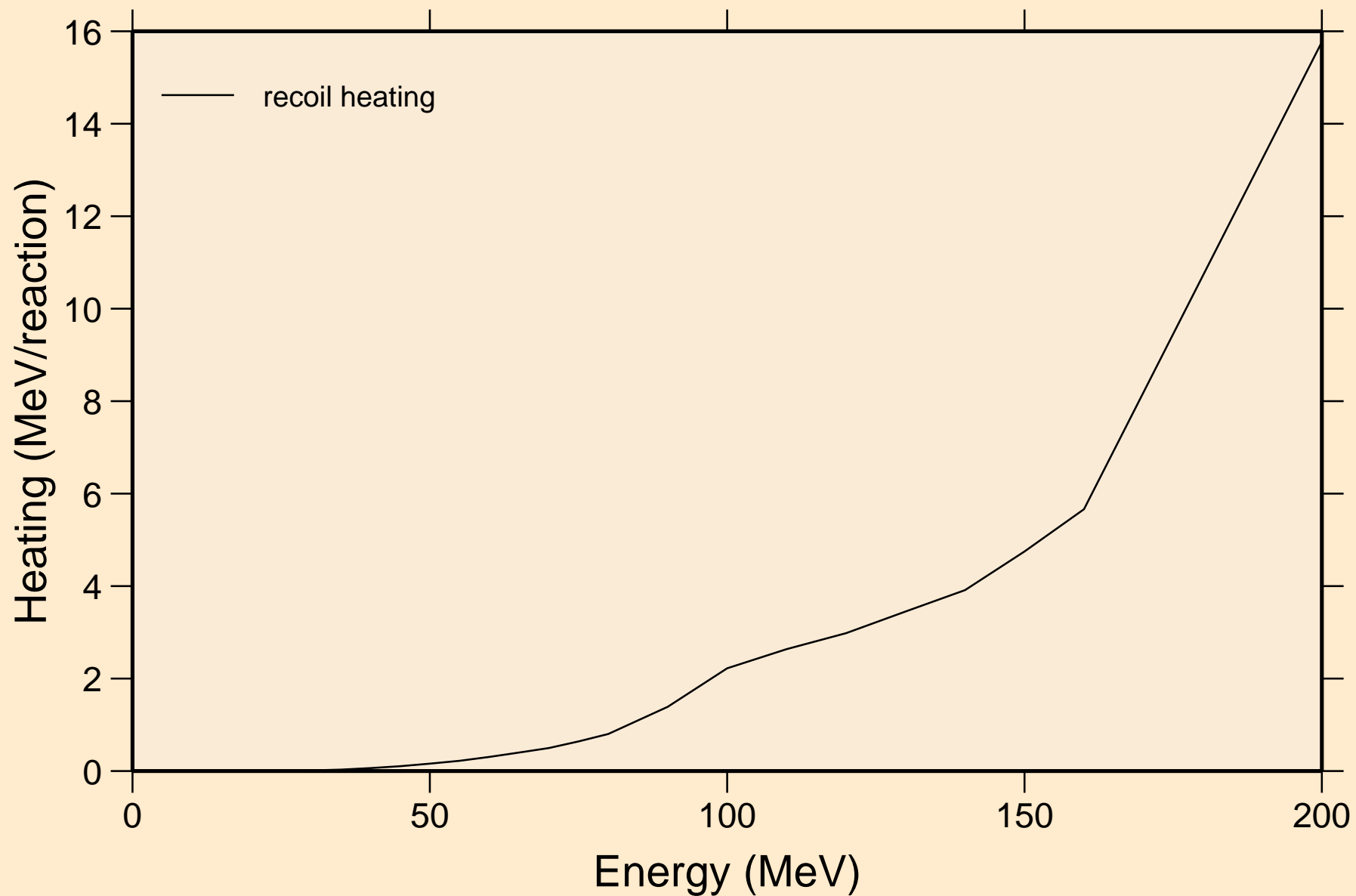
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

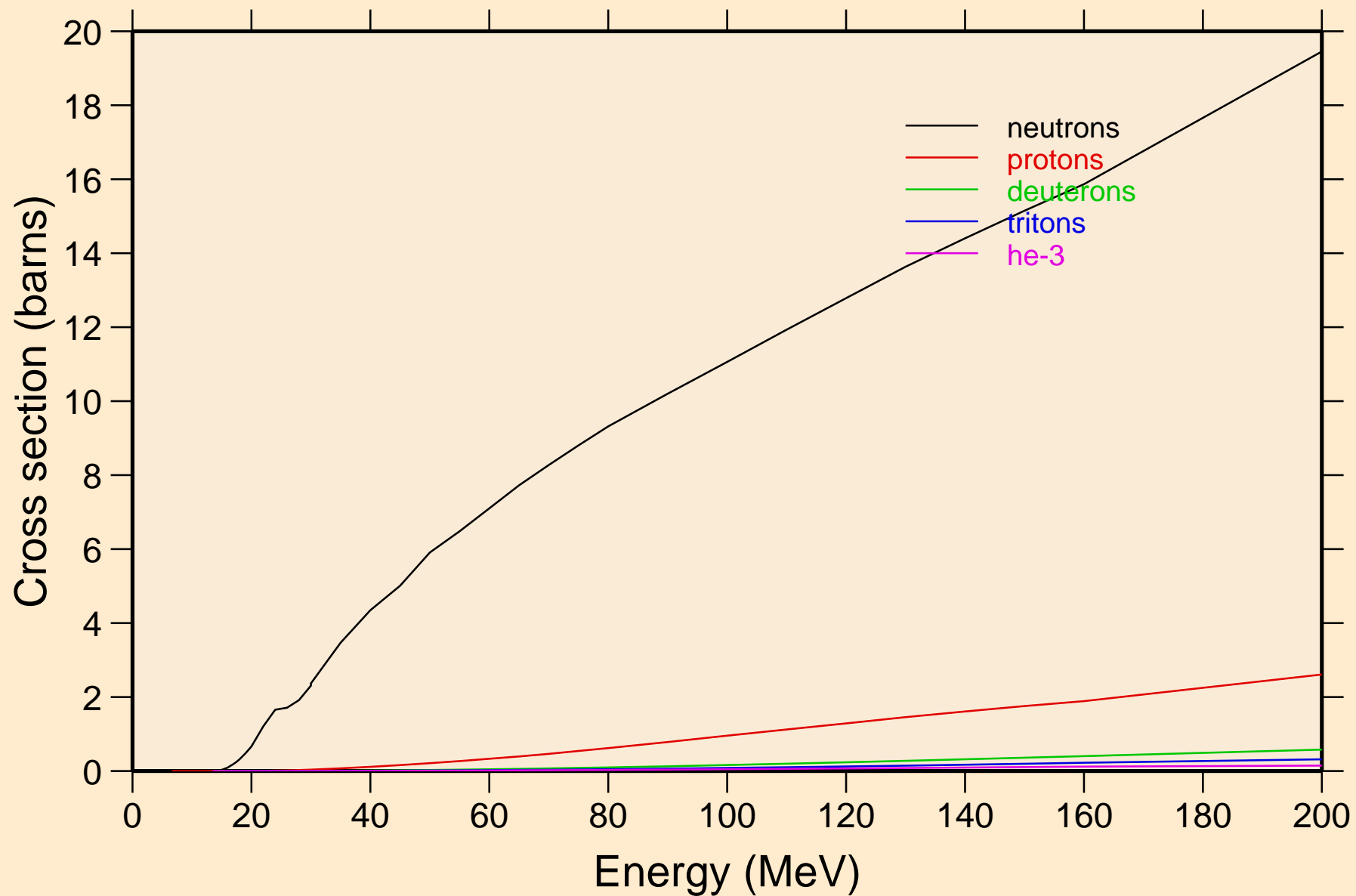


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

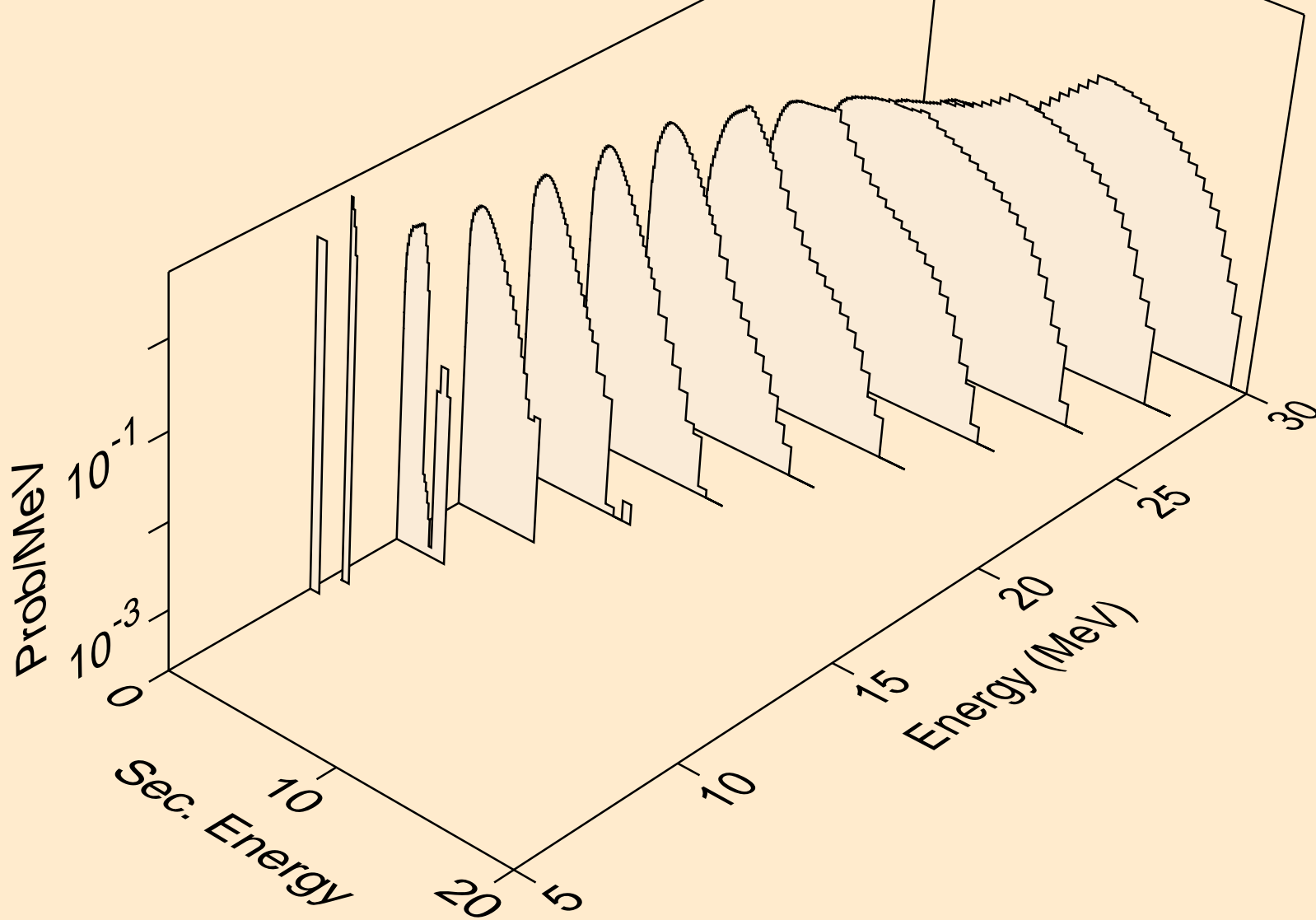


# CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

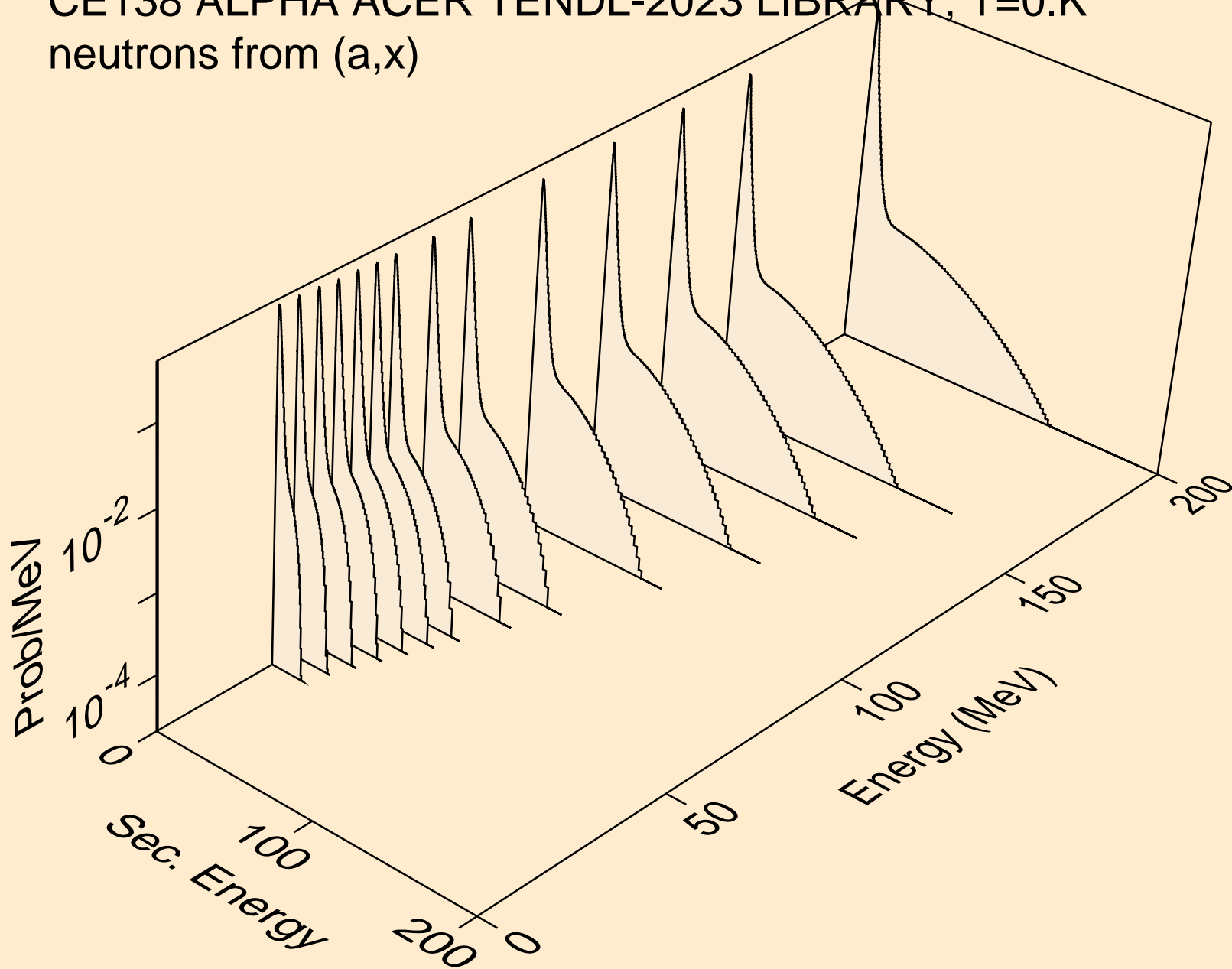
## Particle production cross sections



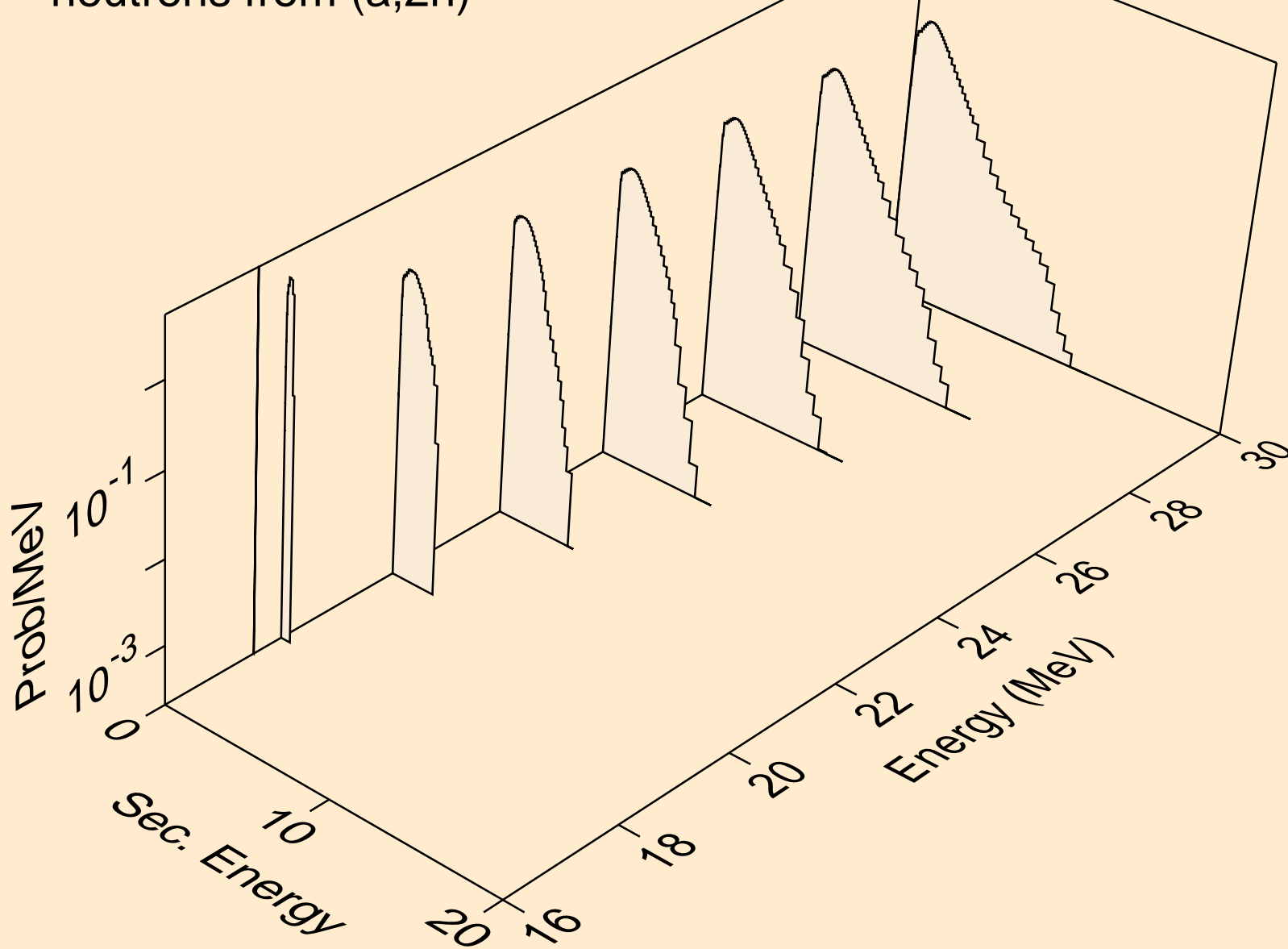
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



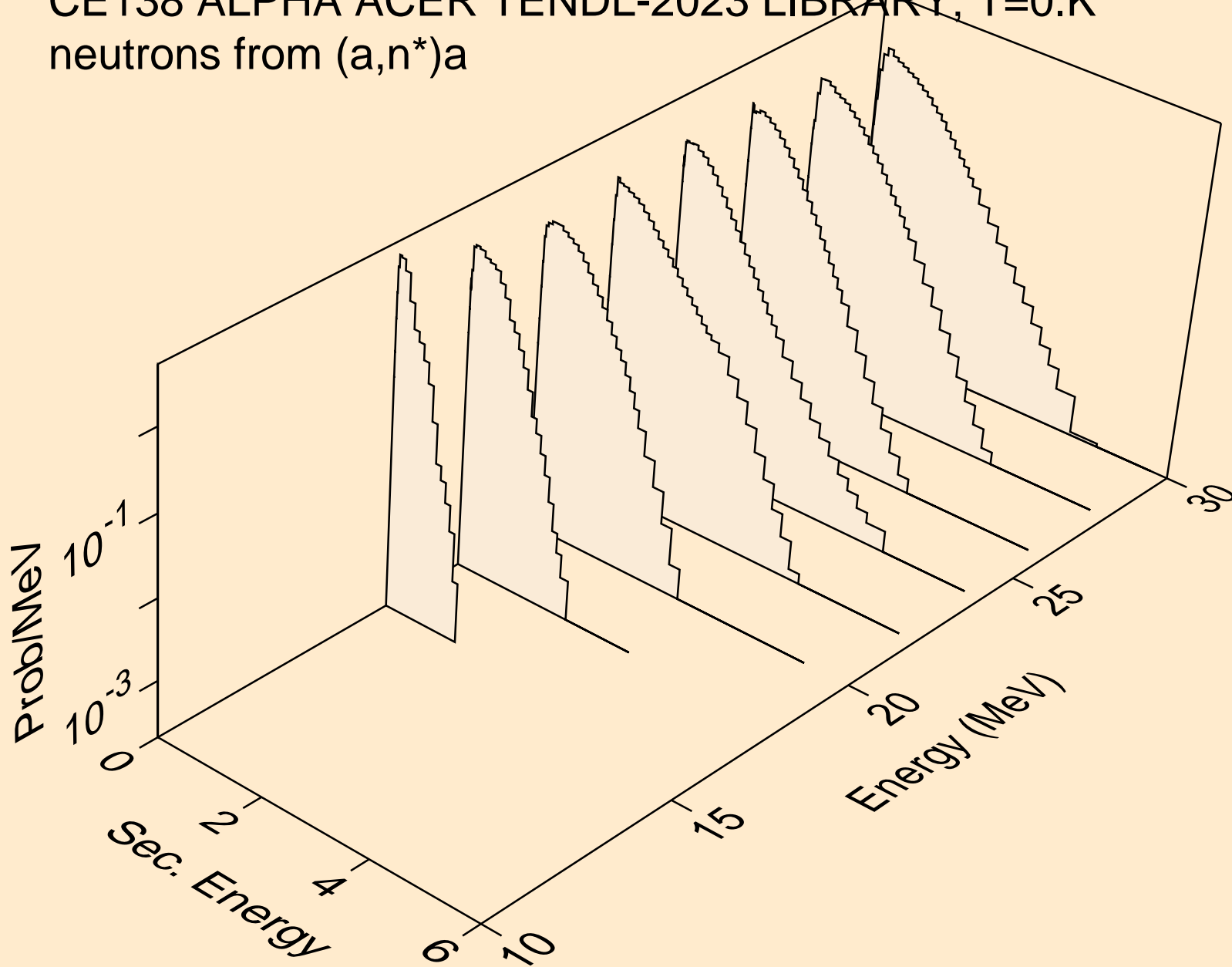
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

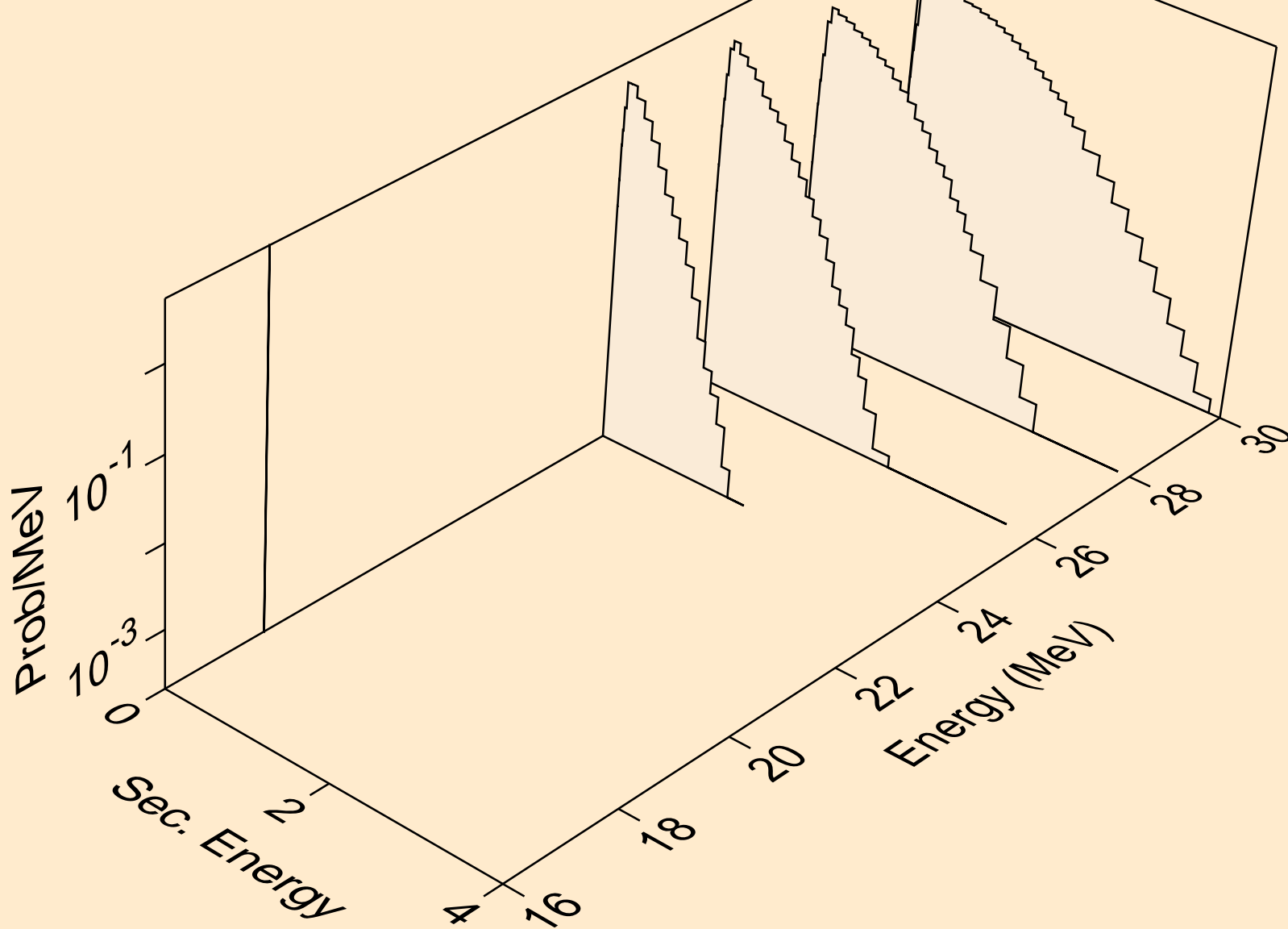


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

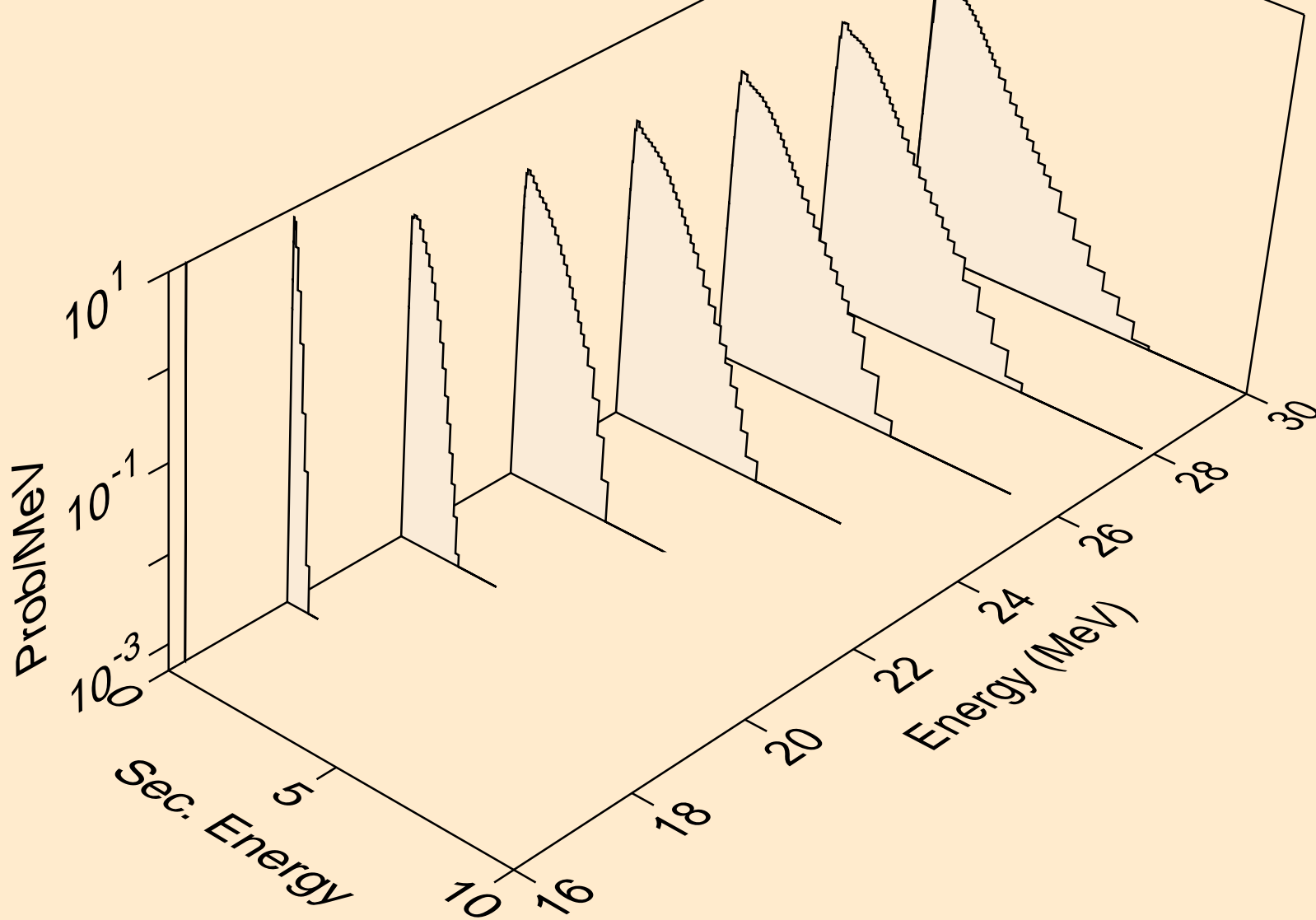




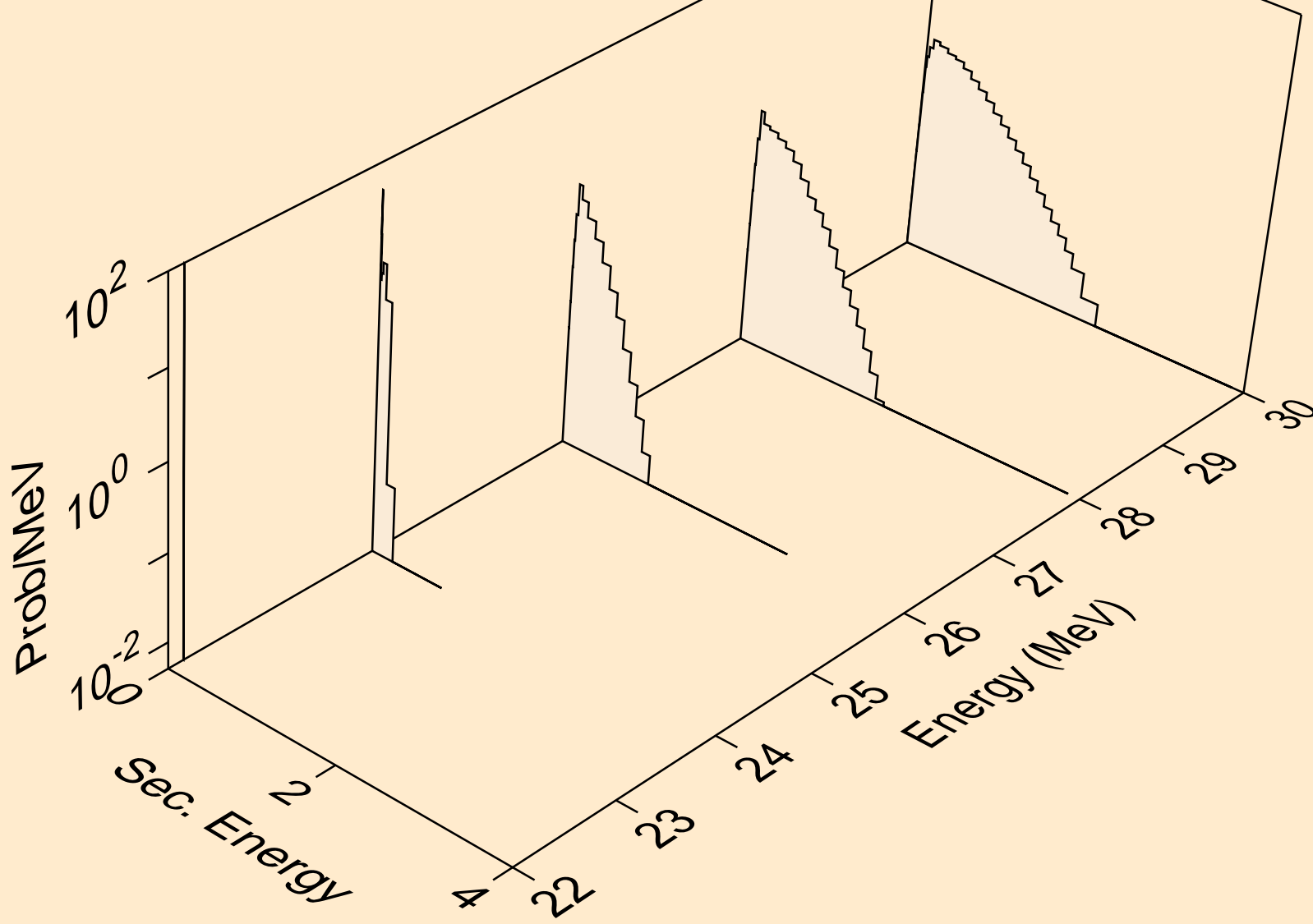
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



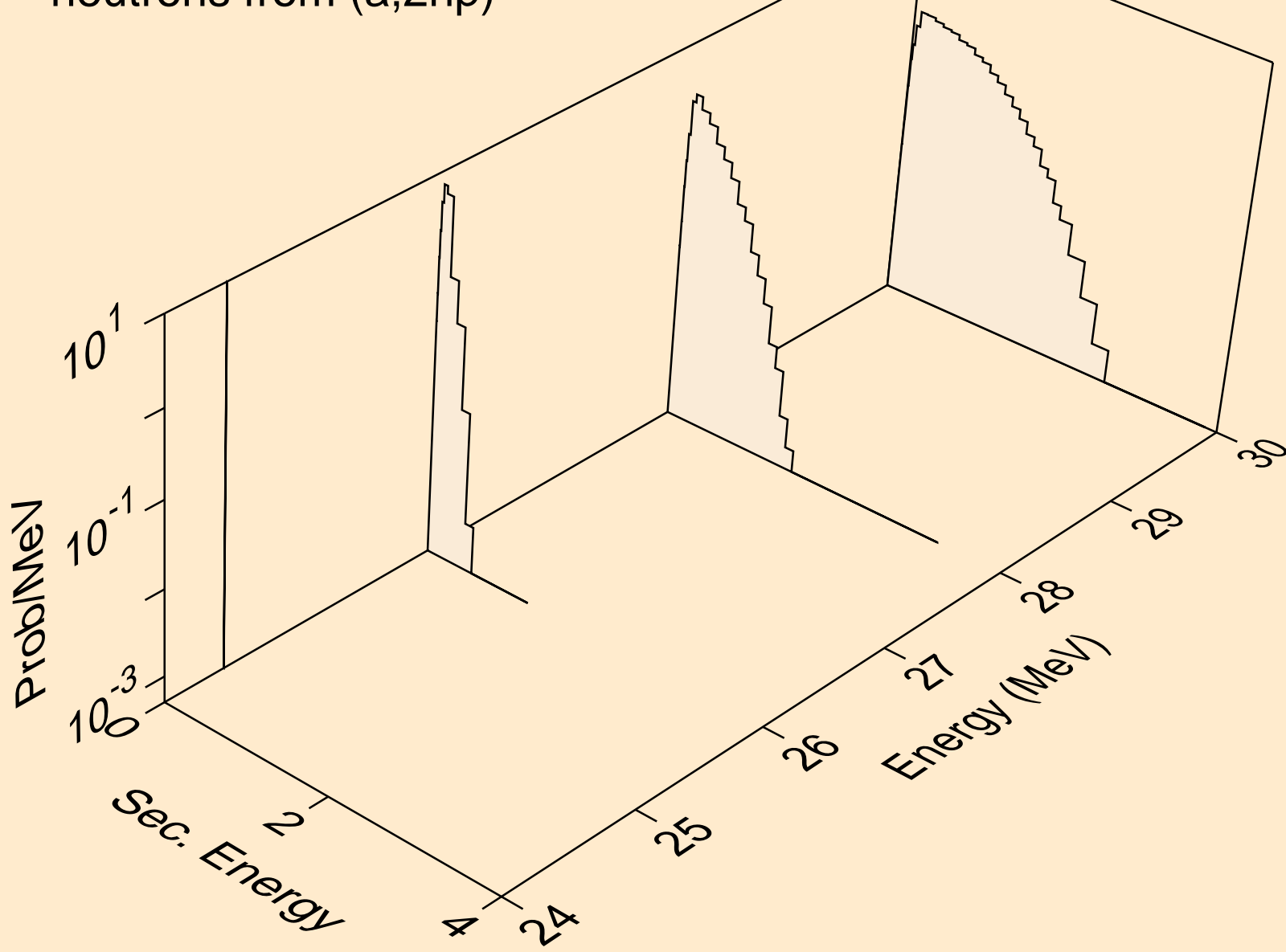
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



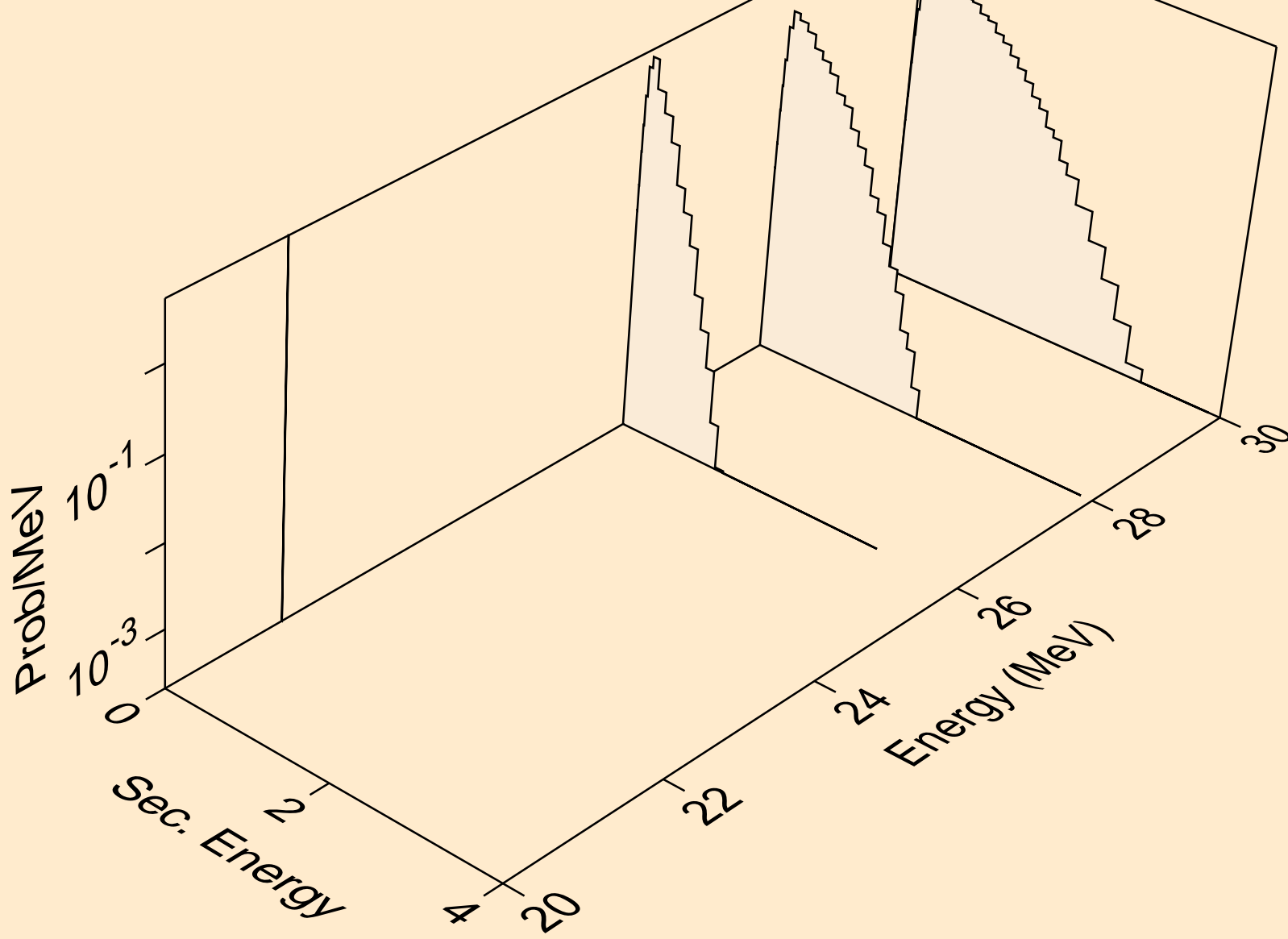
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



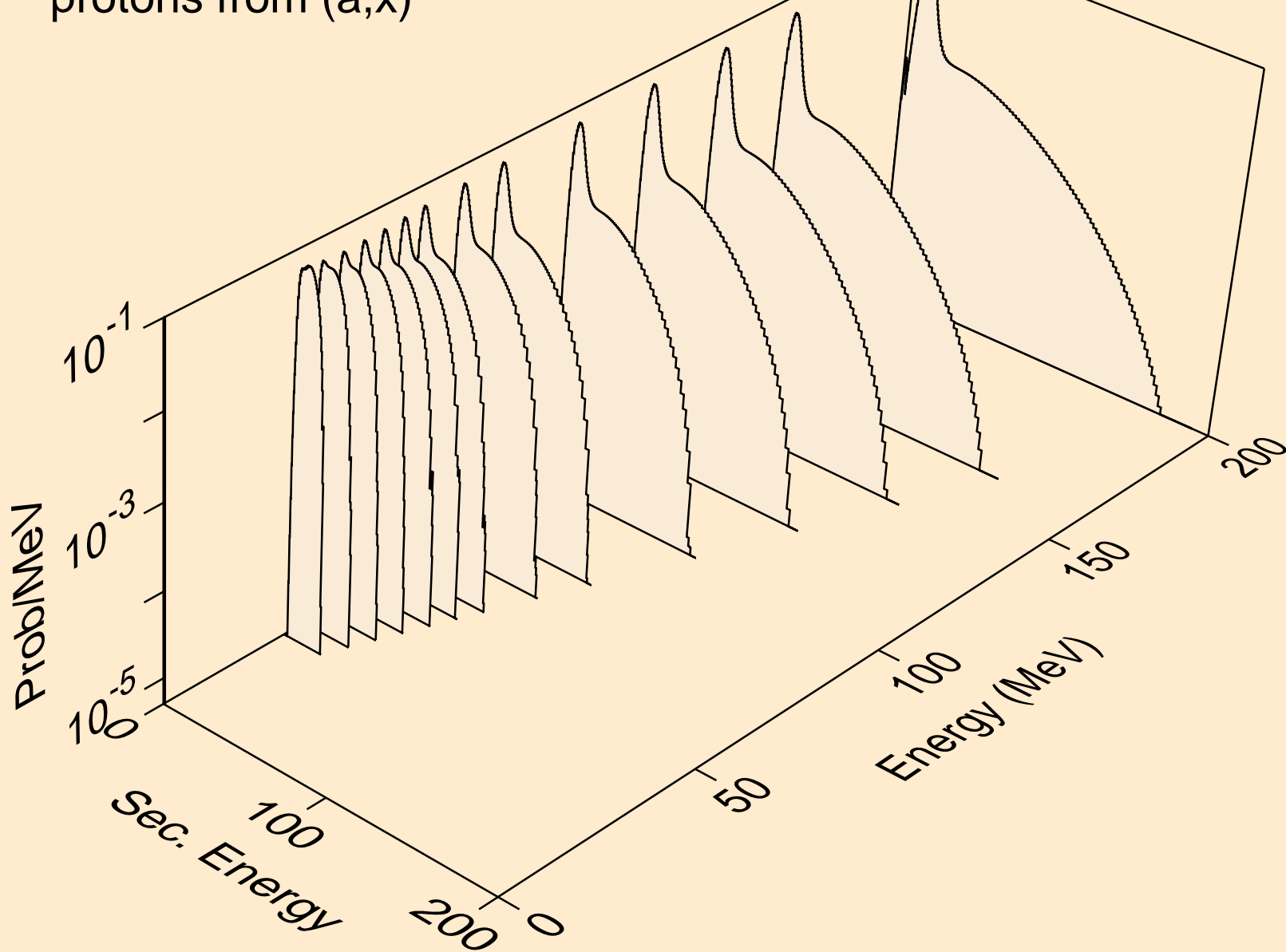
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



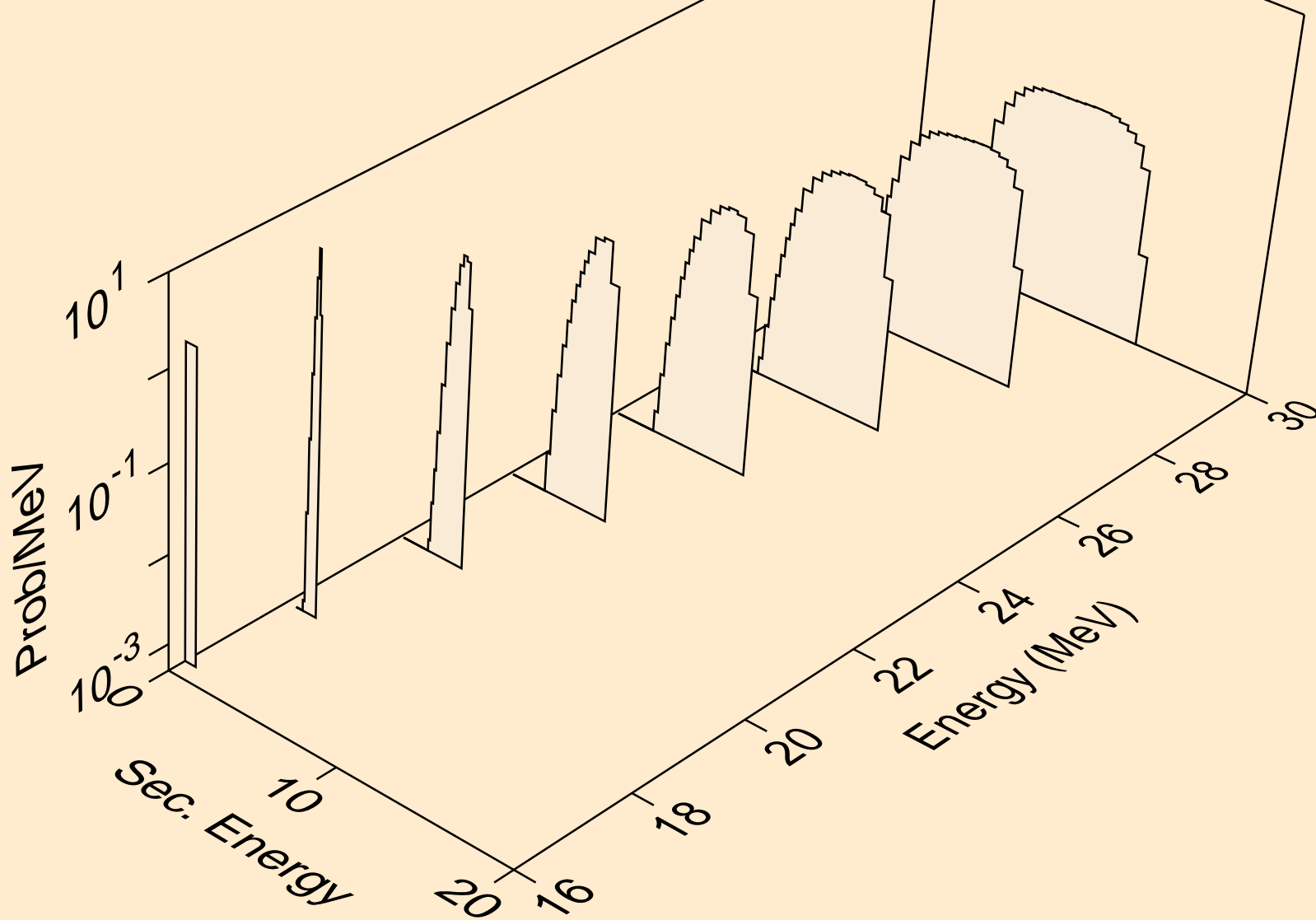
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



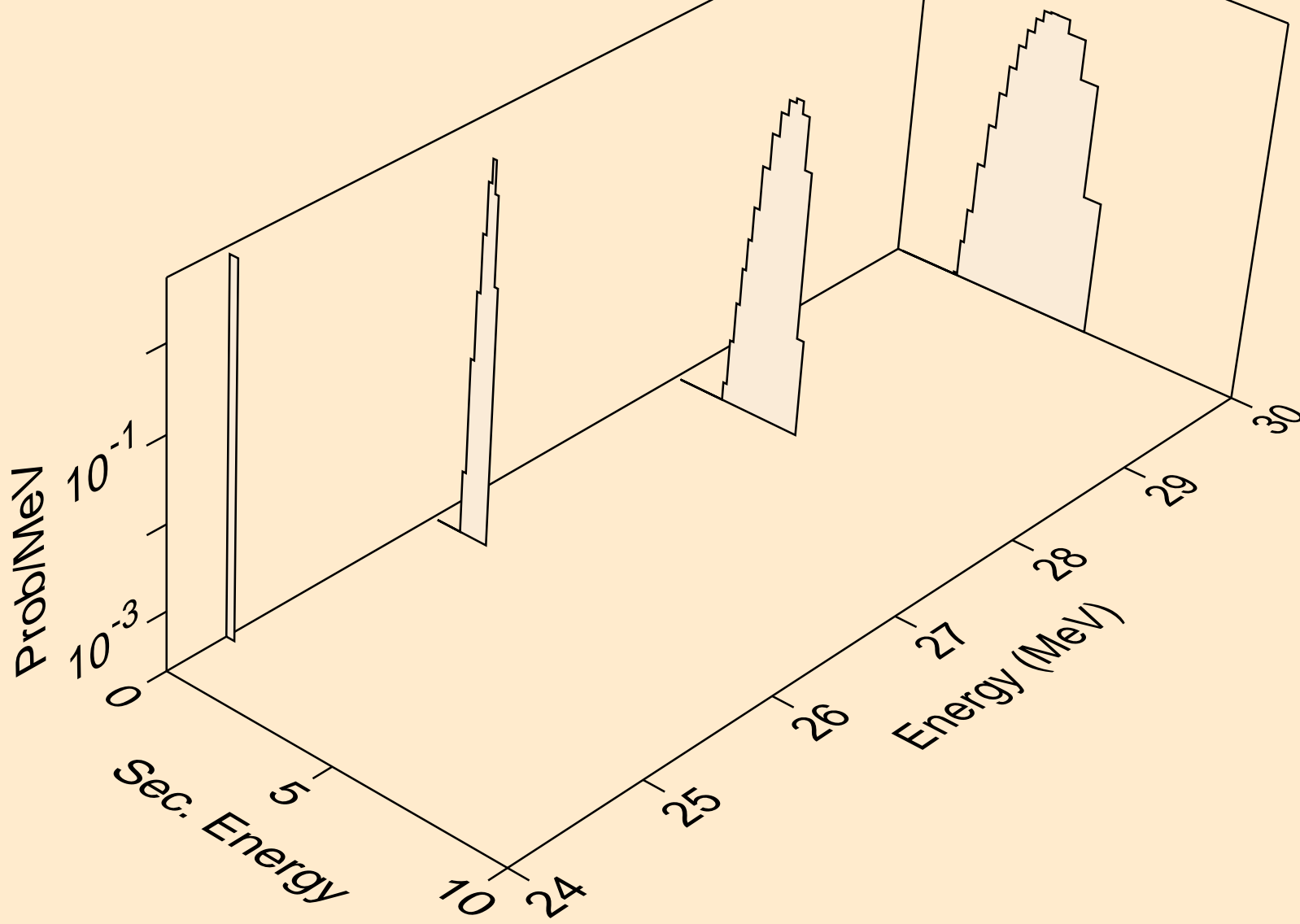
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

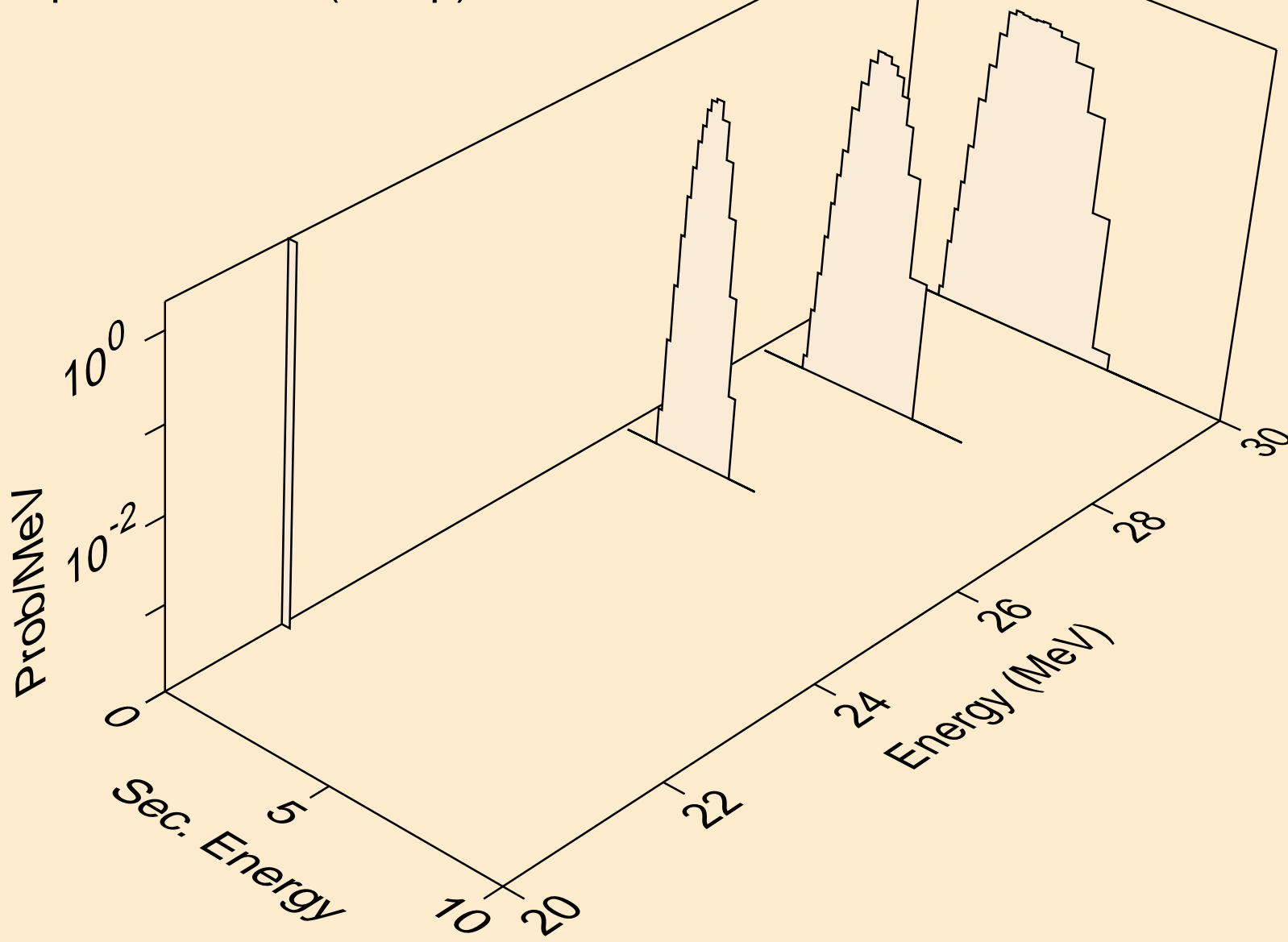


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

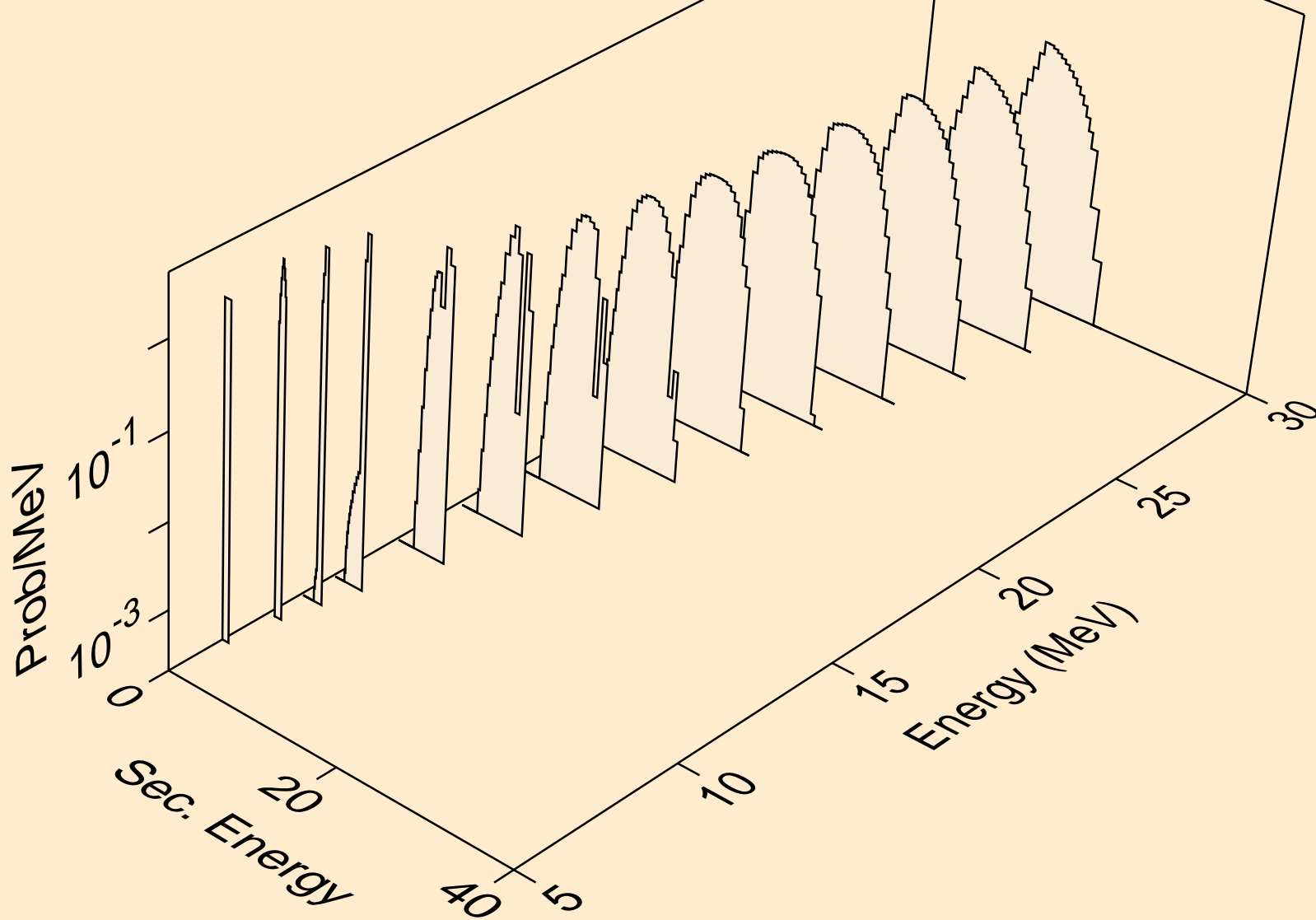




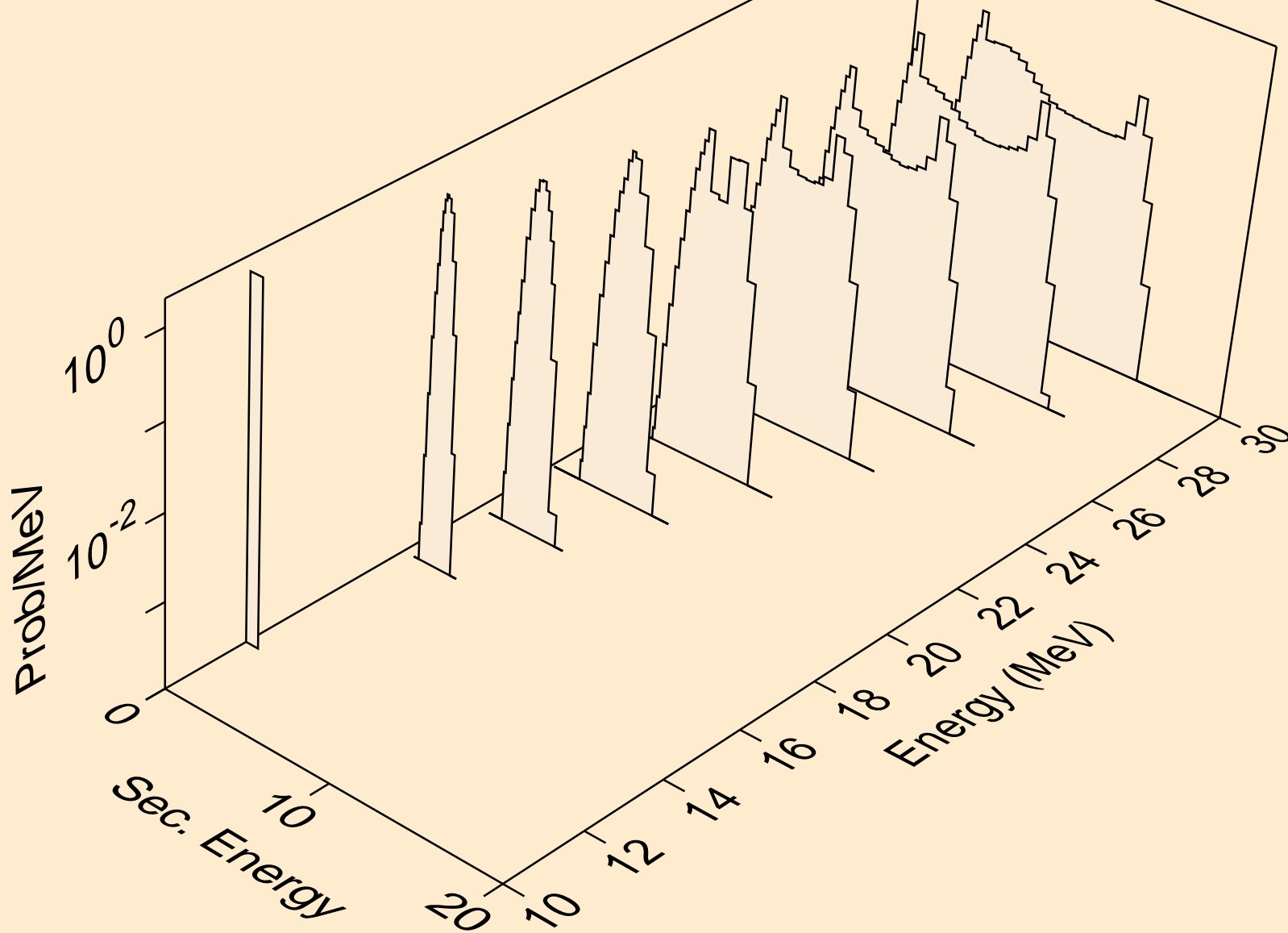
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



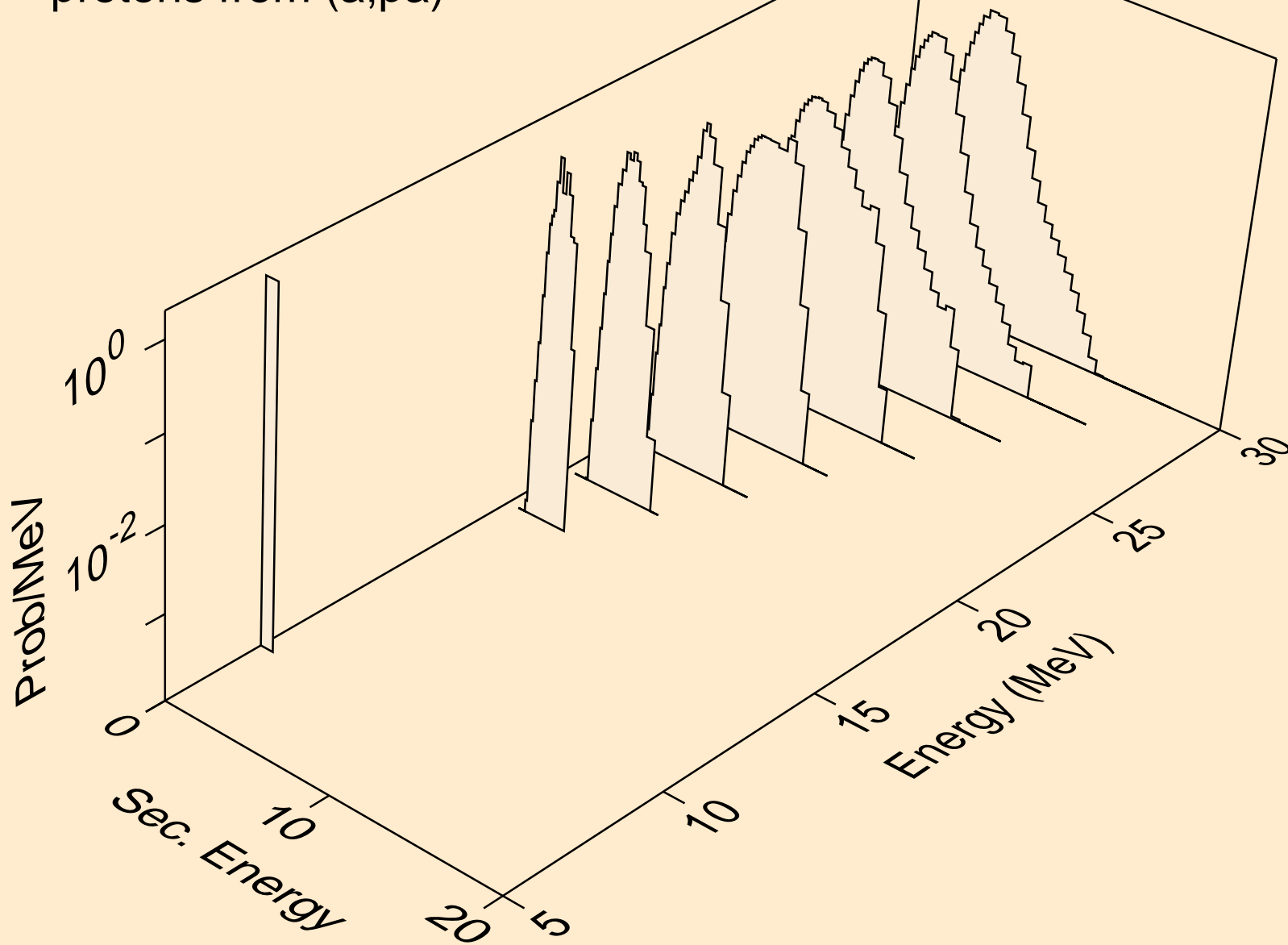
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



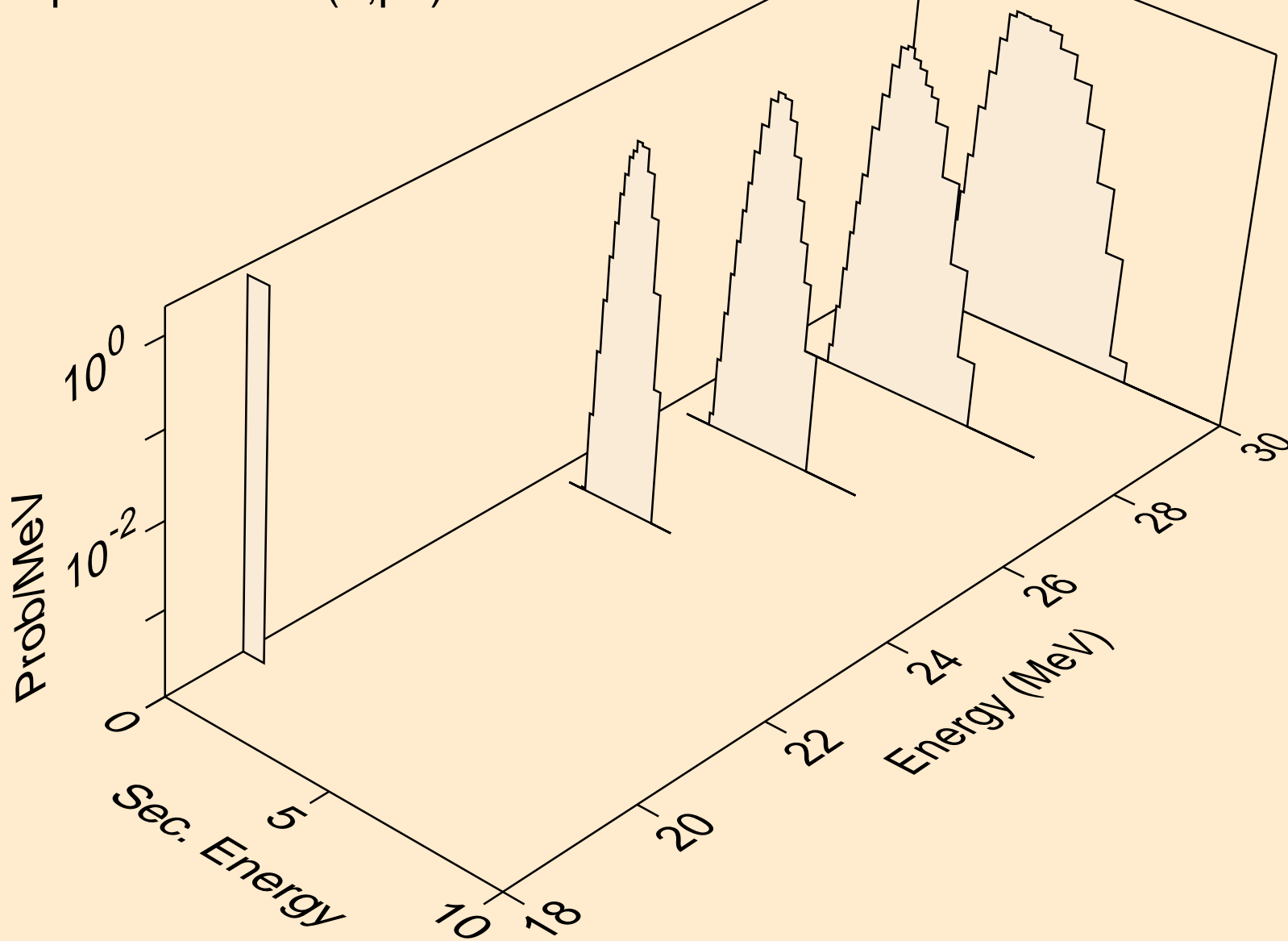
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



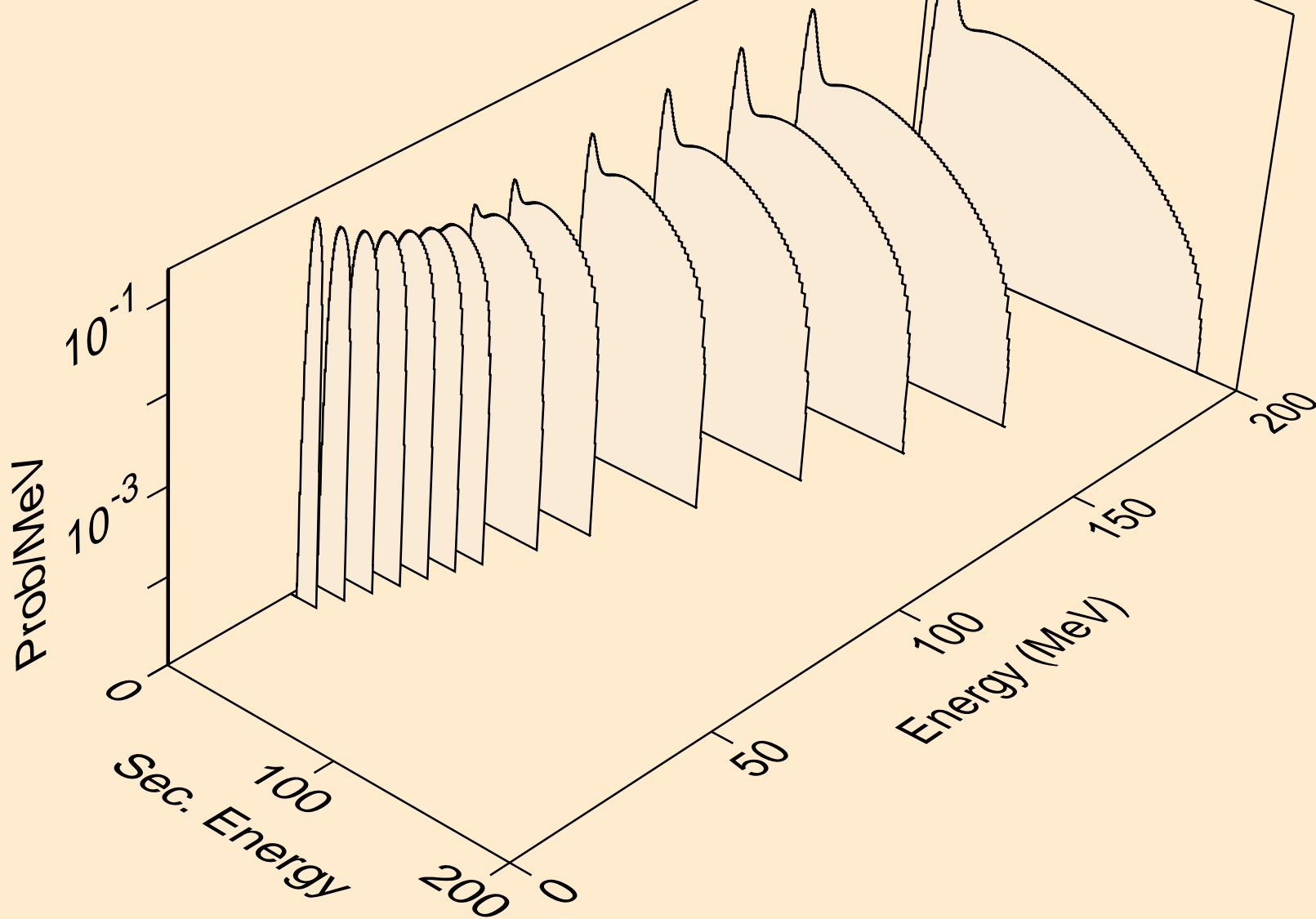
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



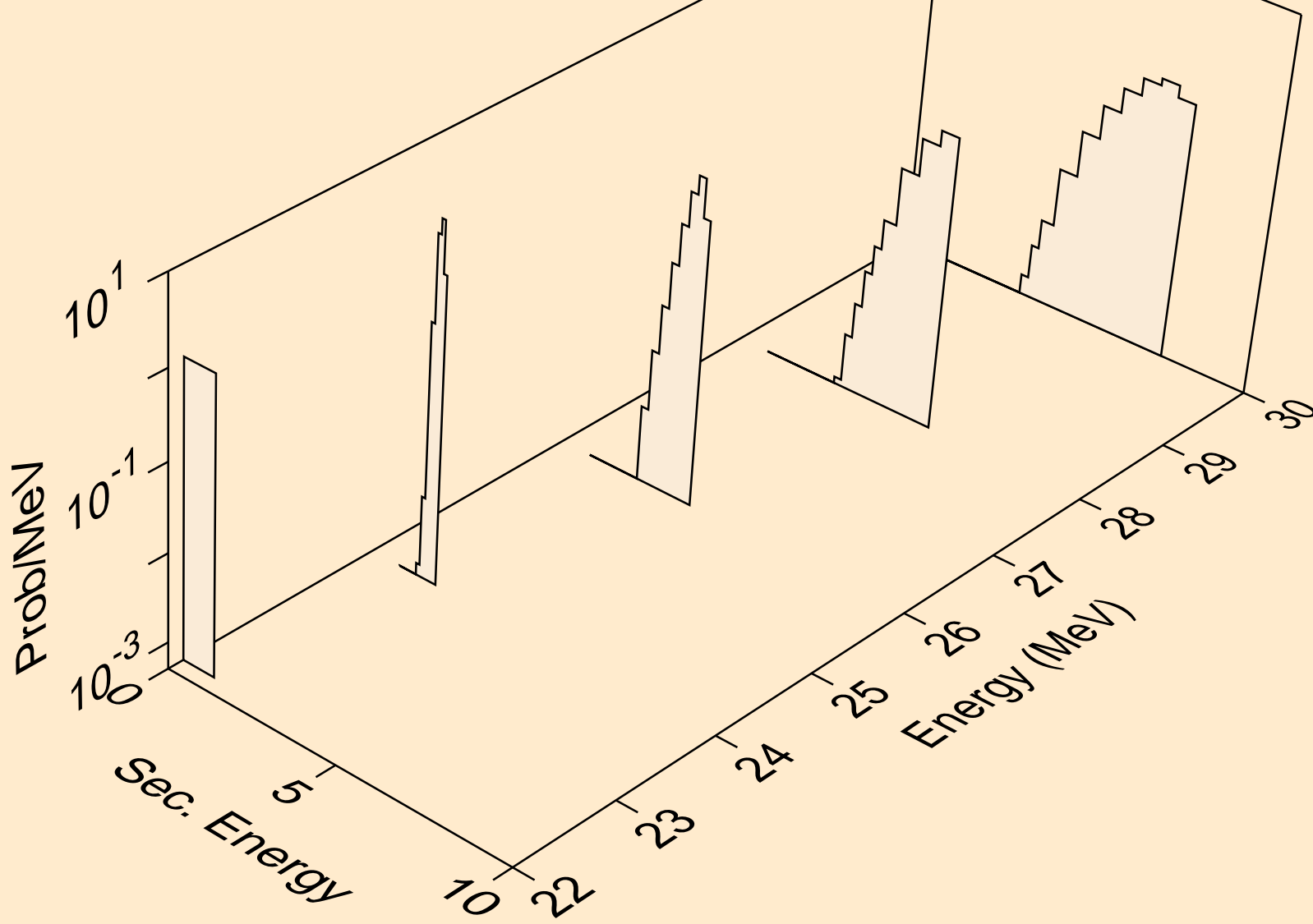
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



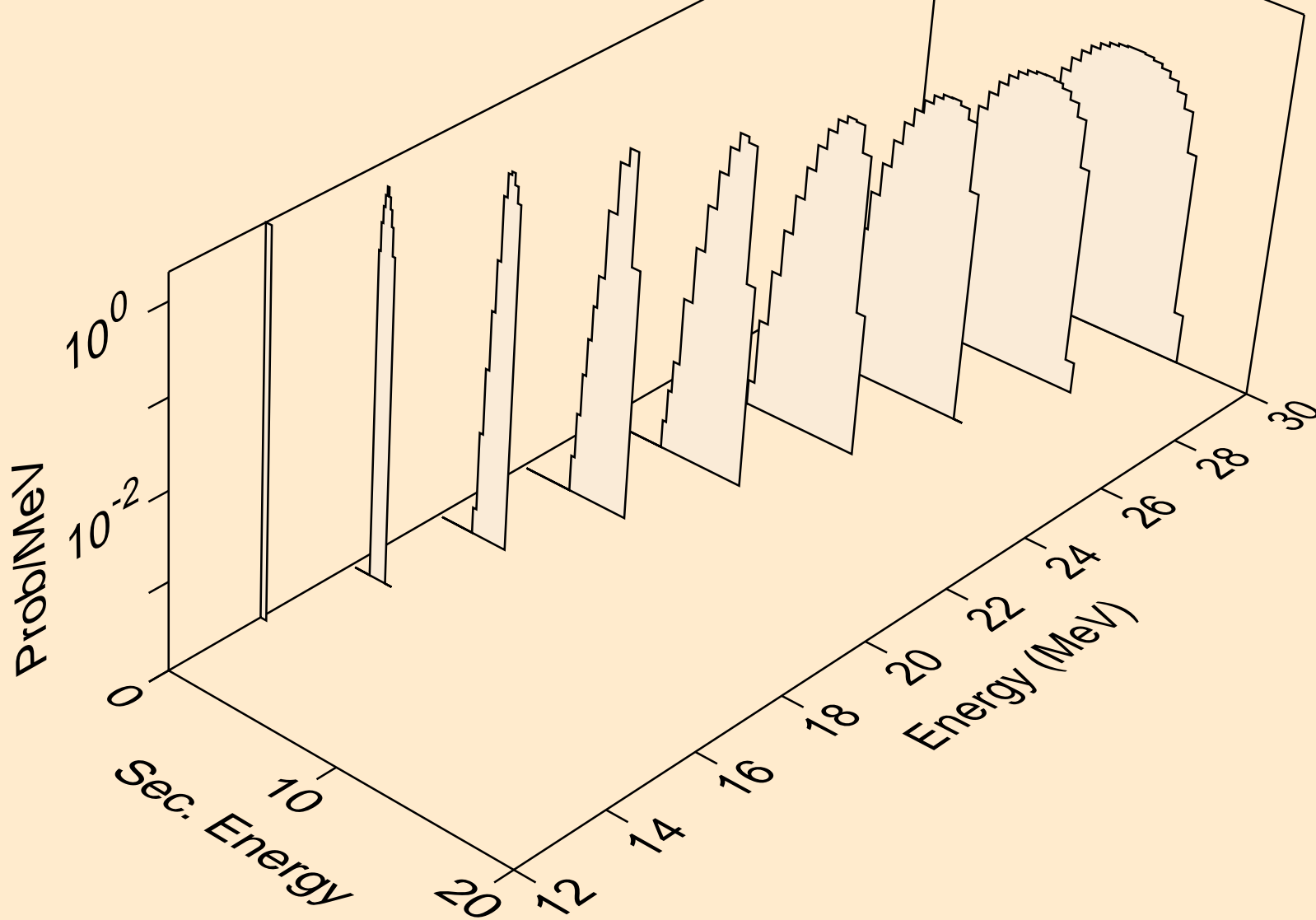
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d

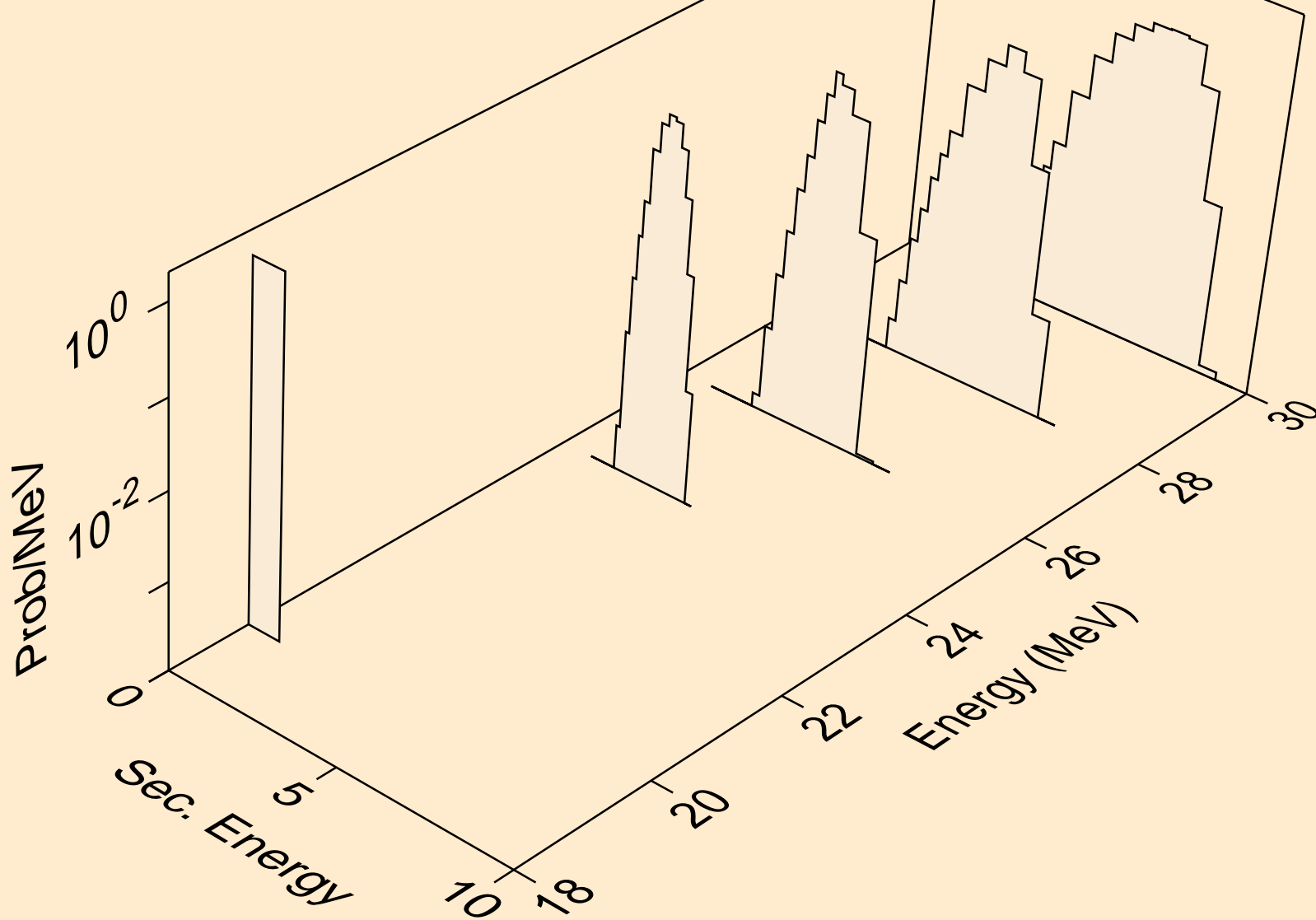


CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

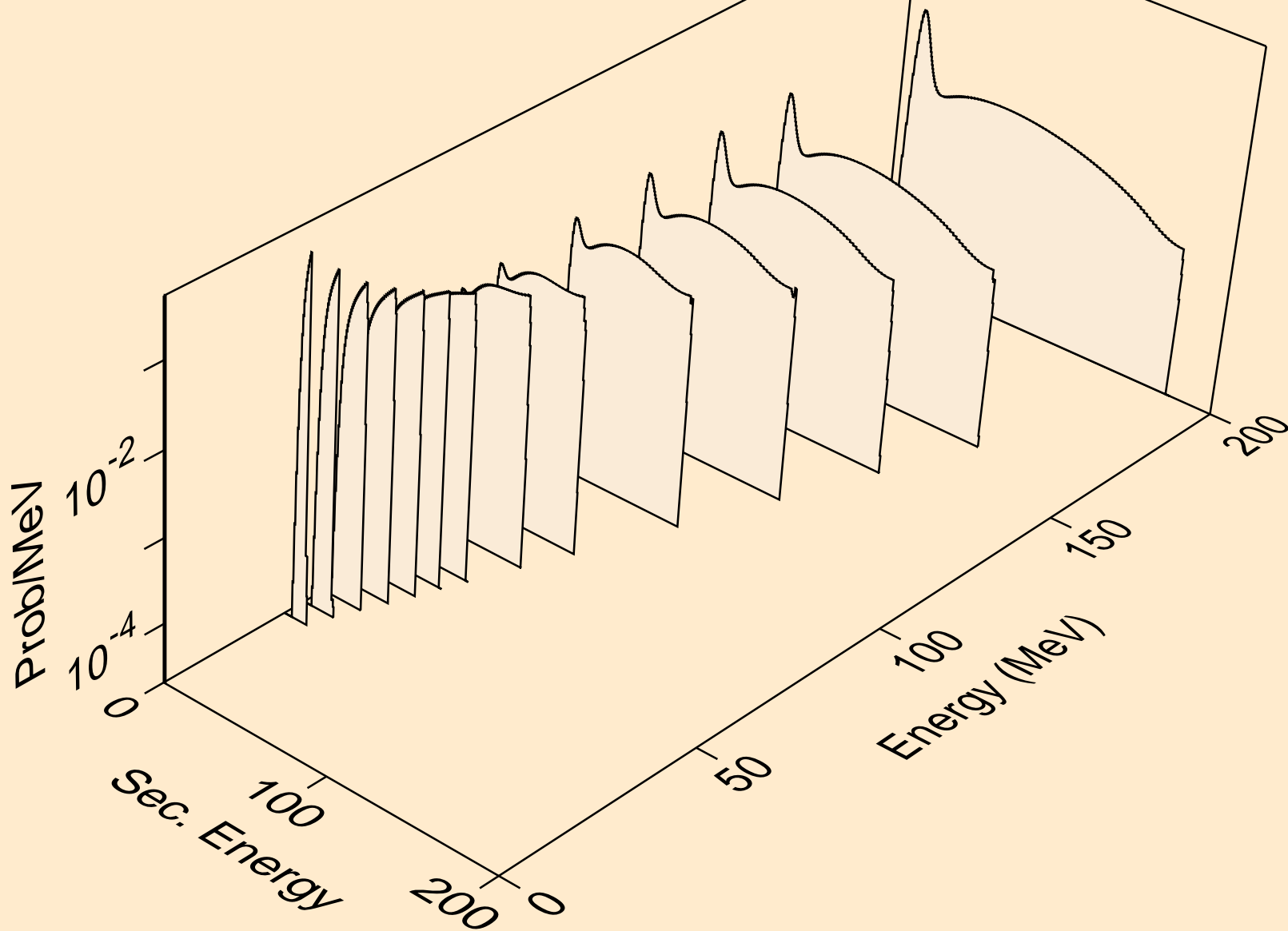




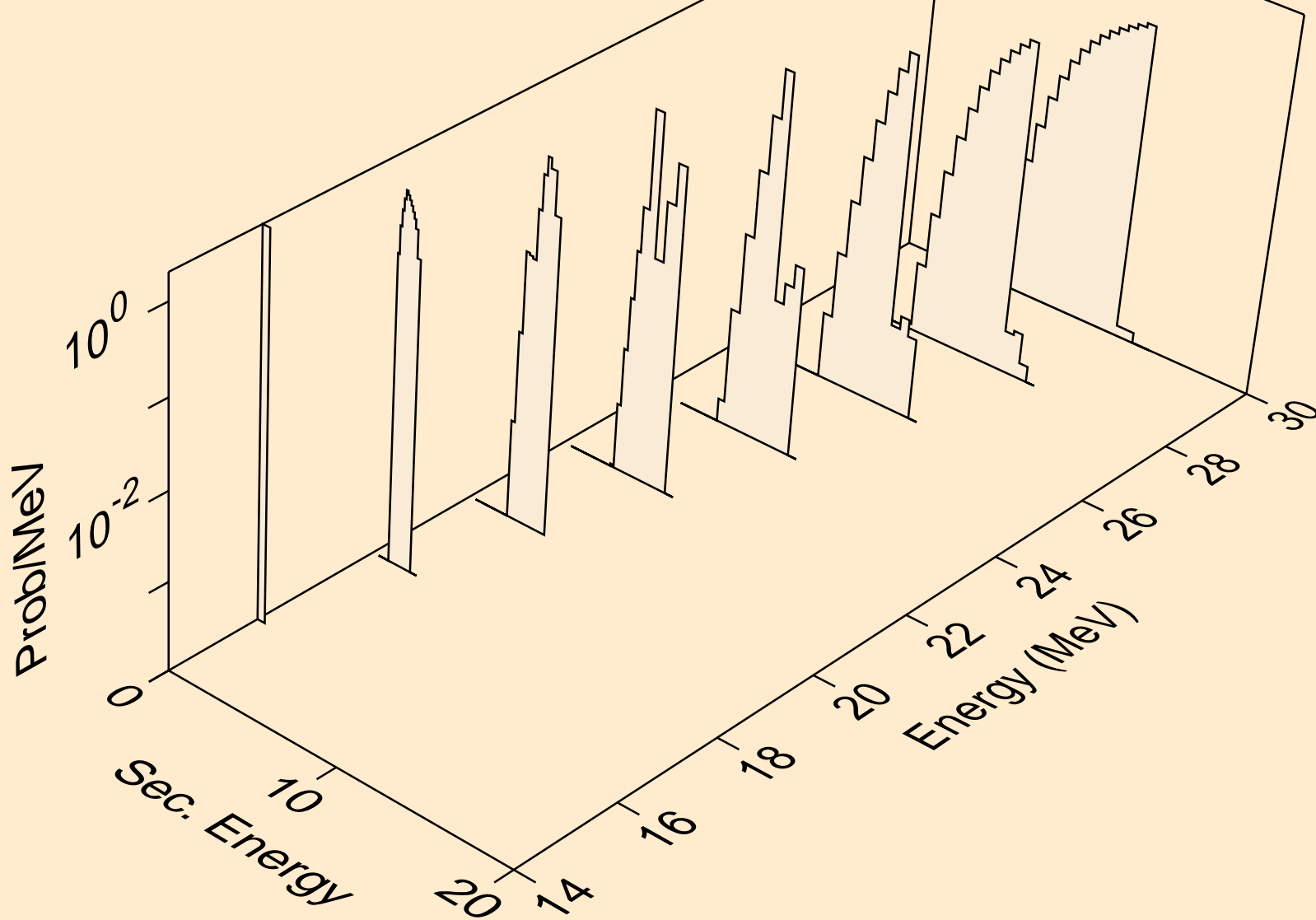
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



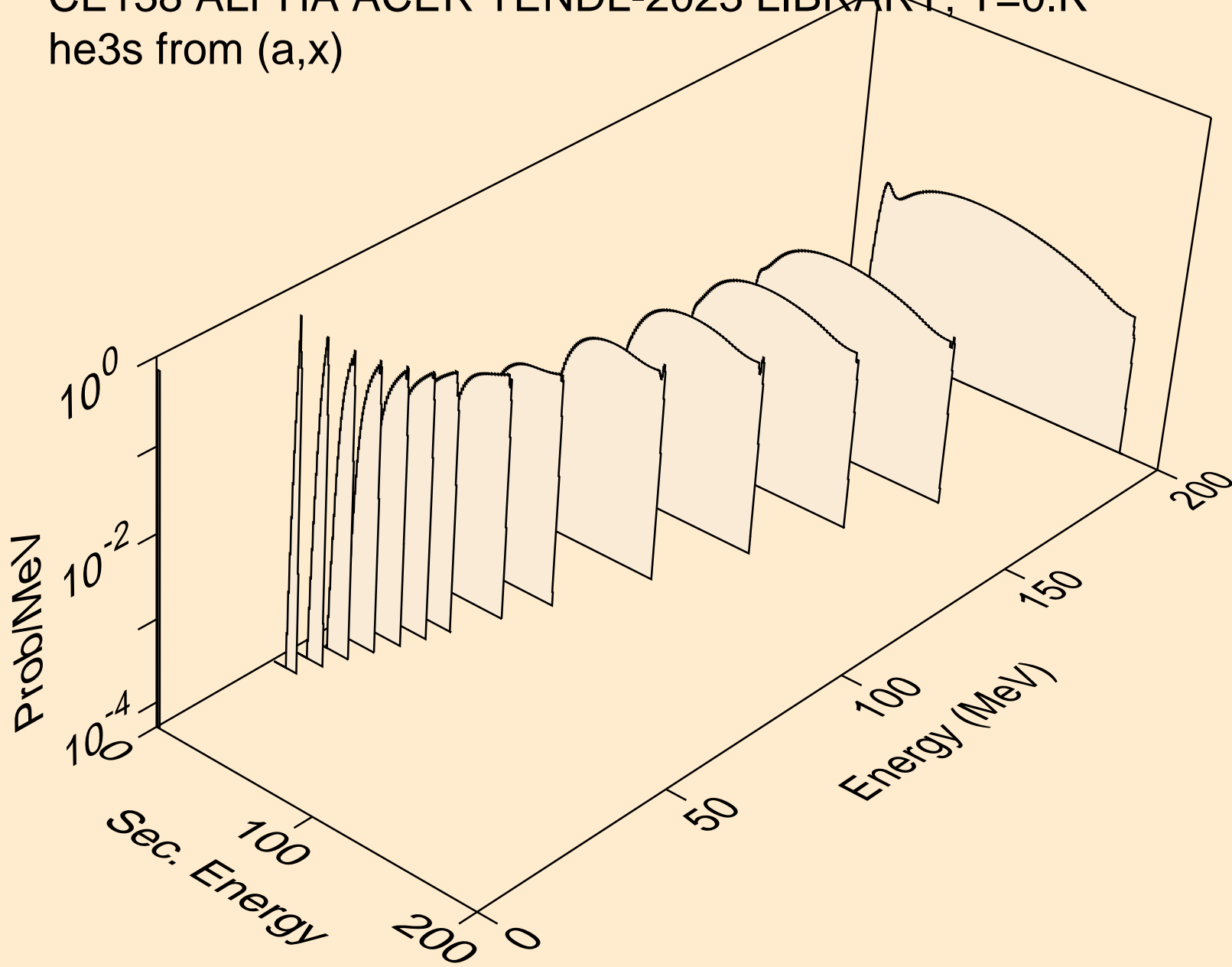
CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



CE138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

