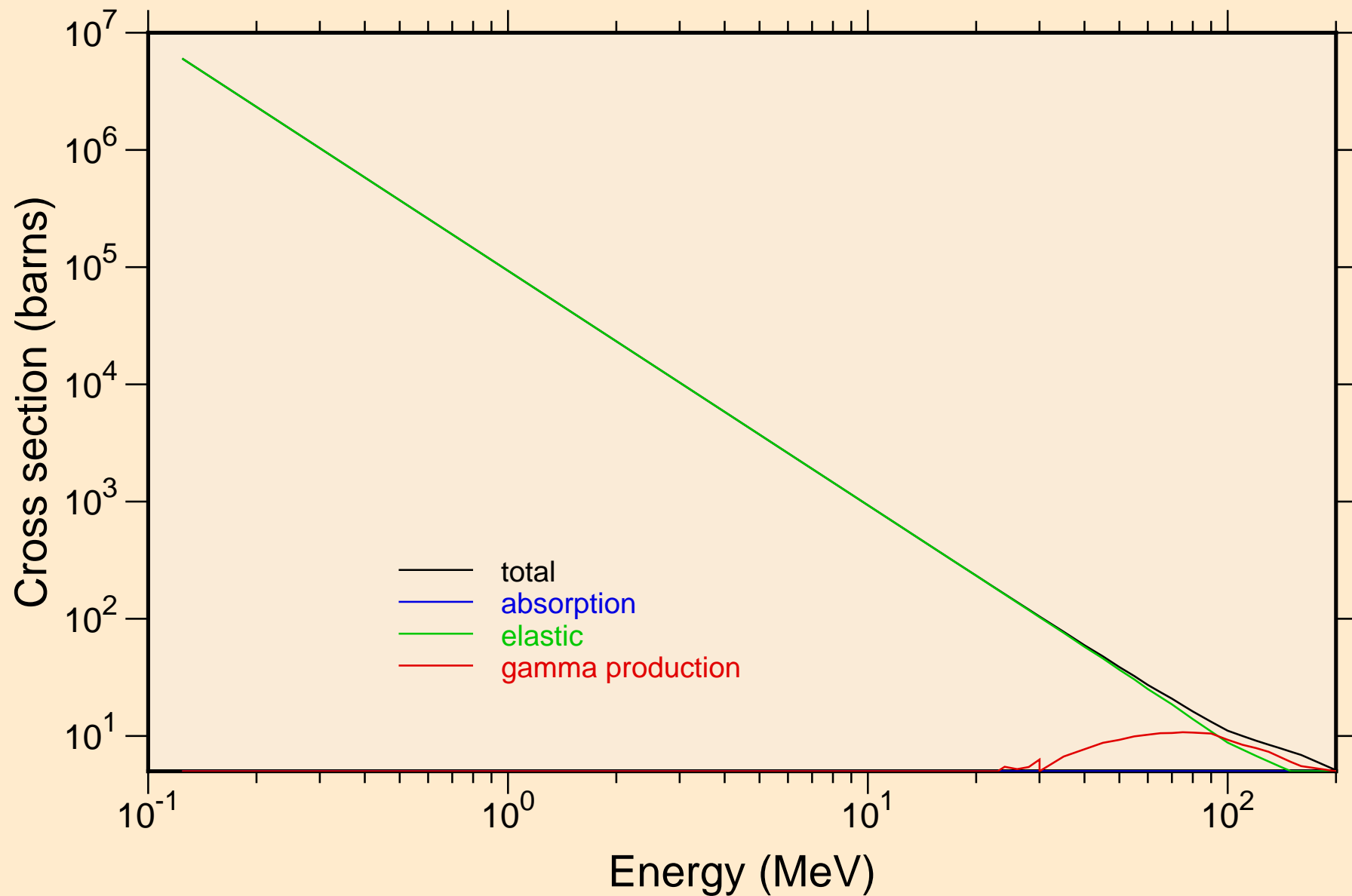
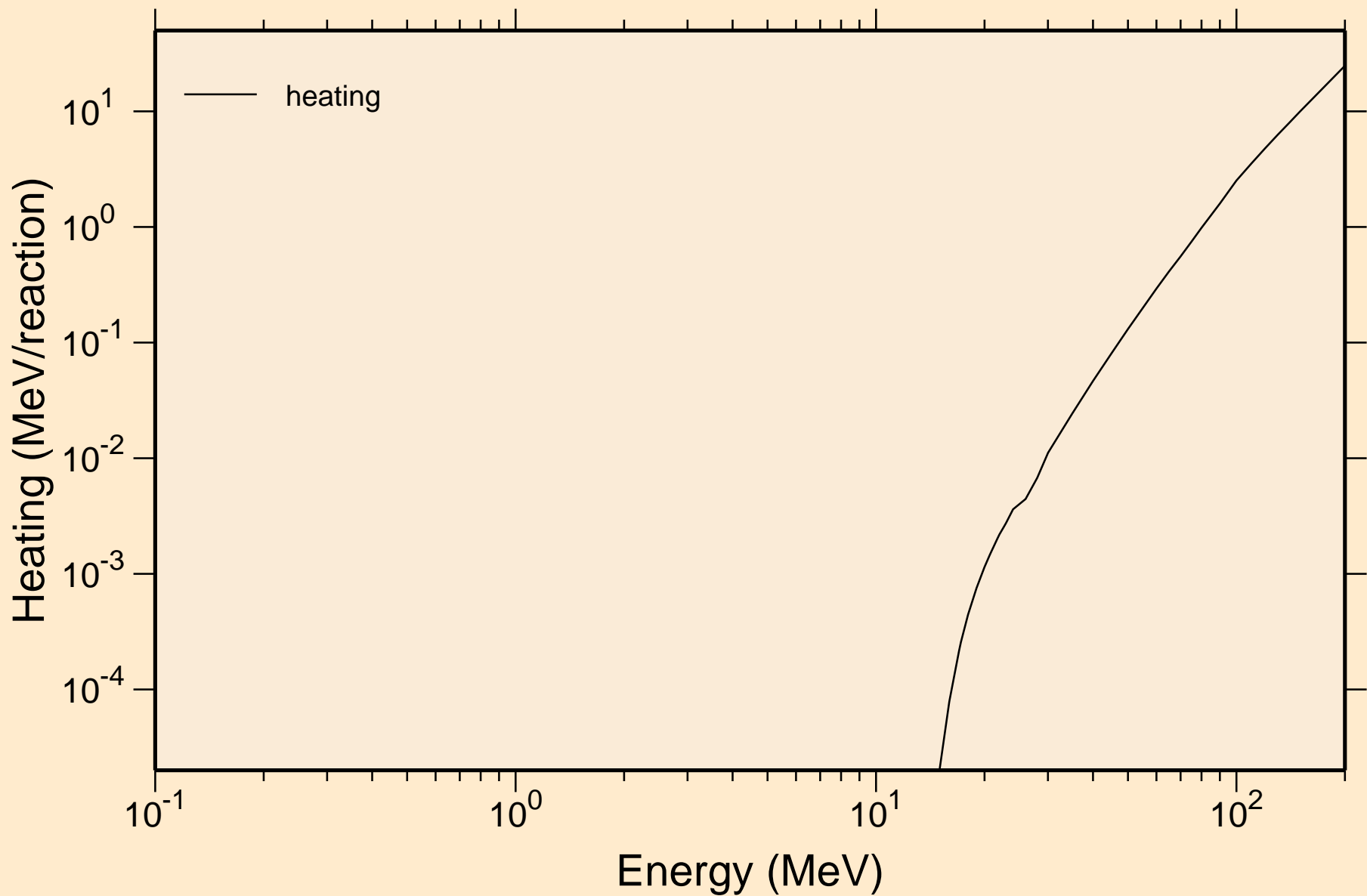


# ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

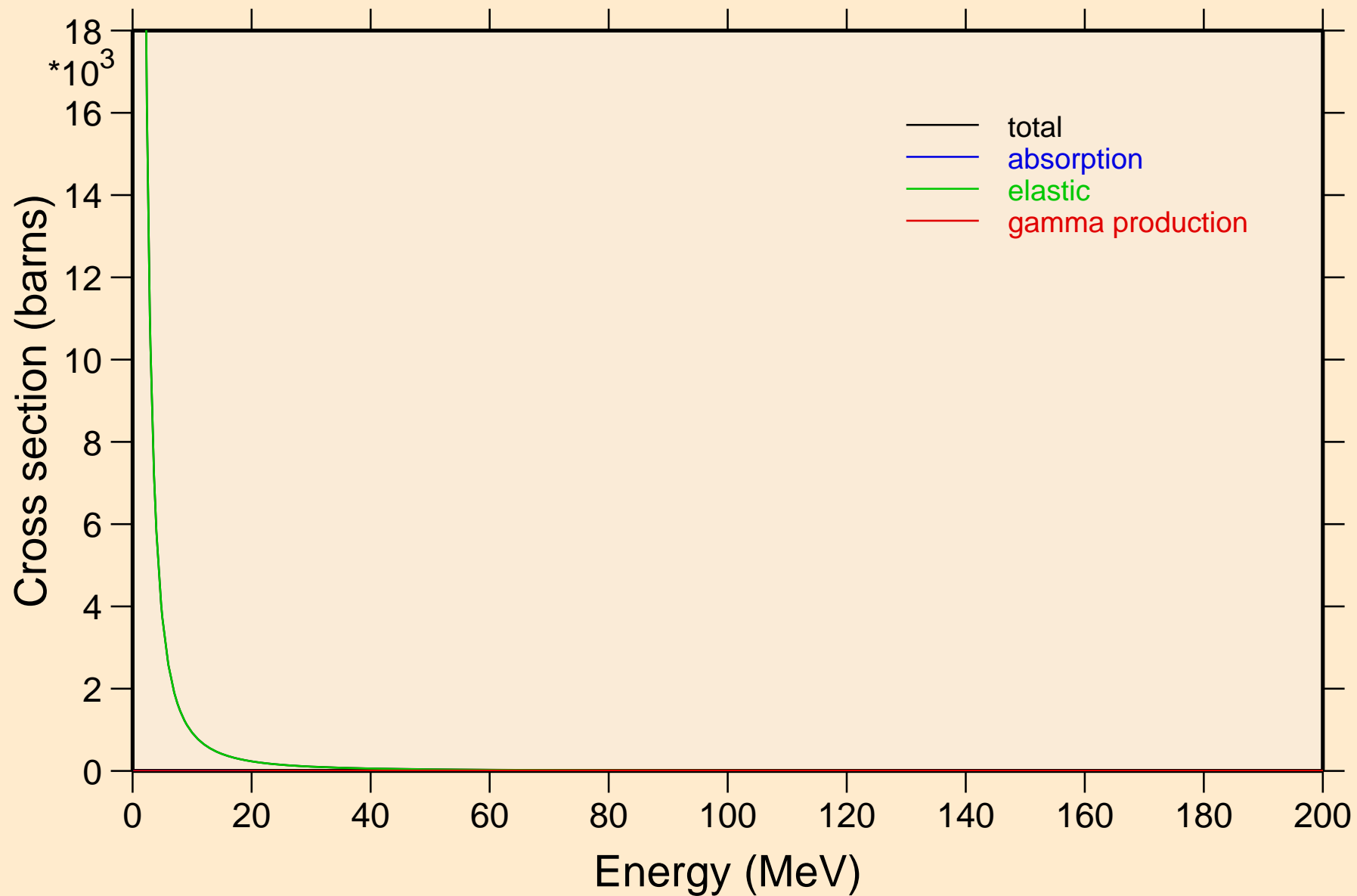


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



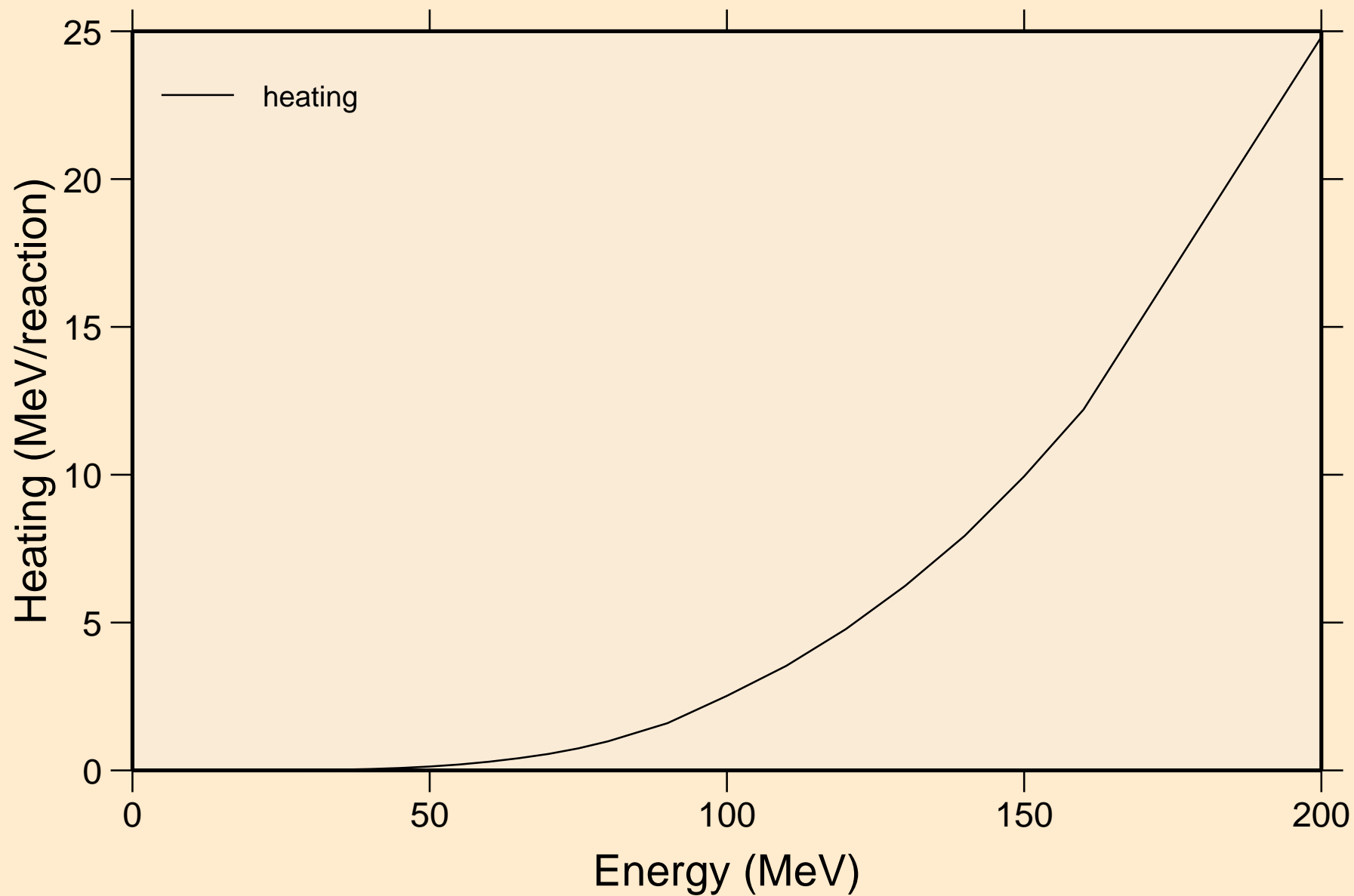
# ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



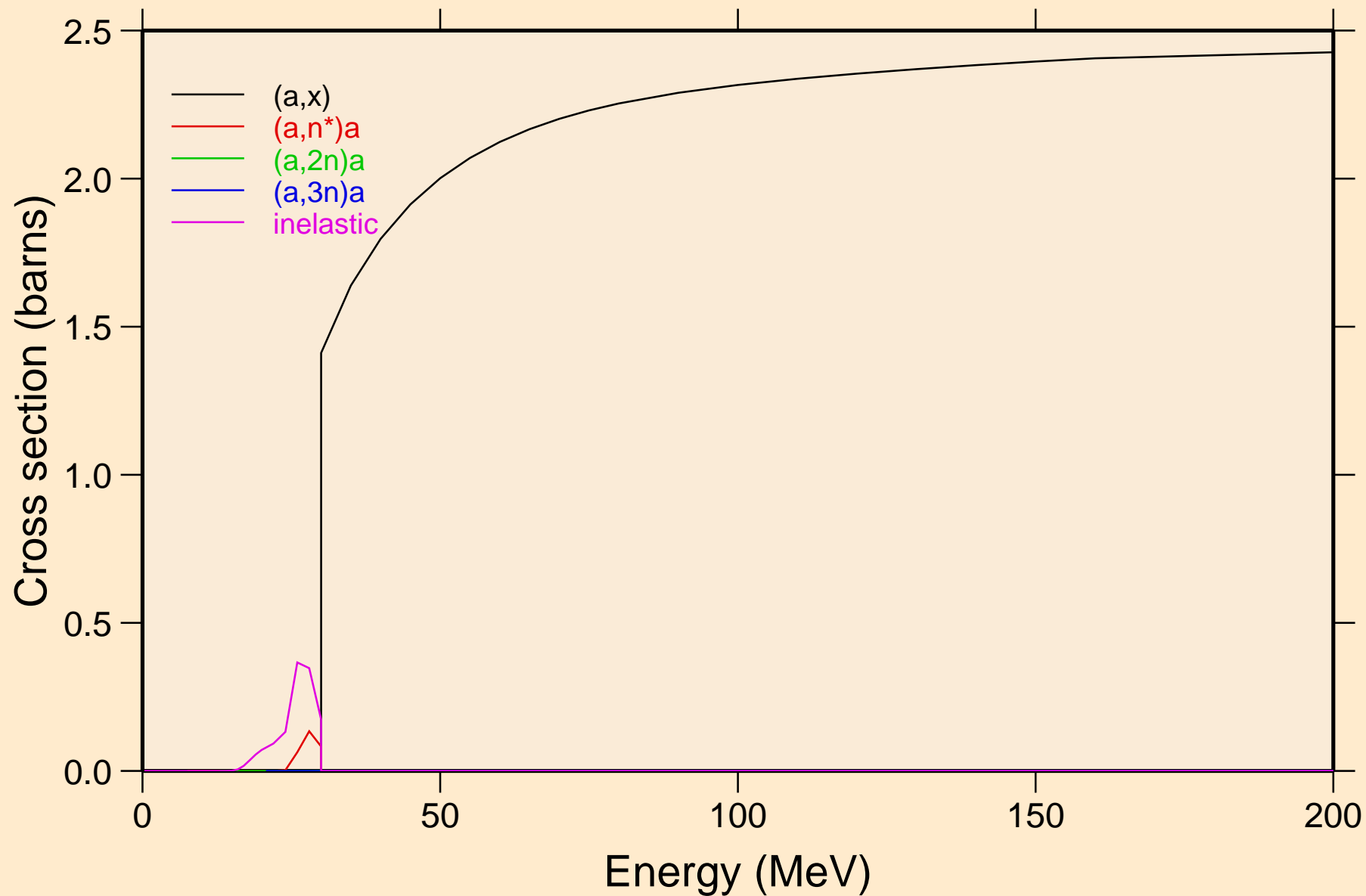
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

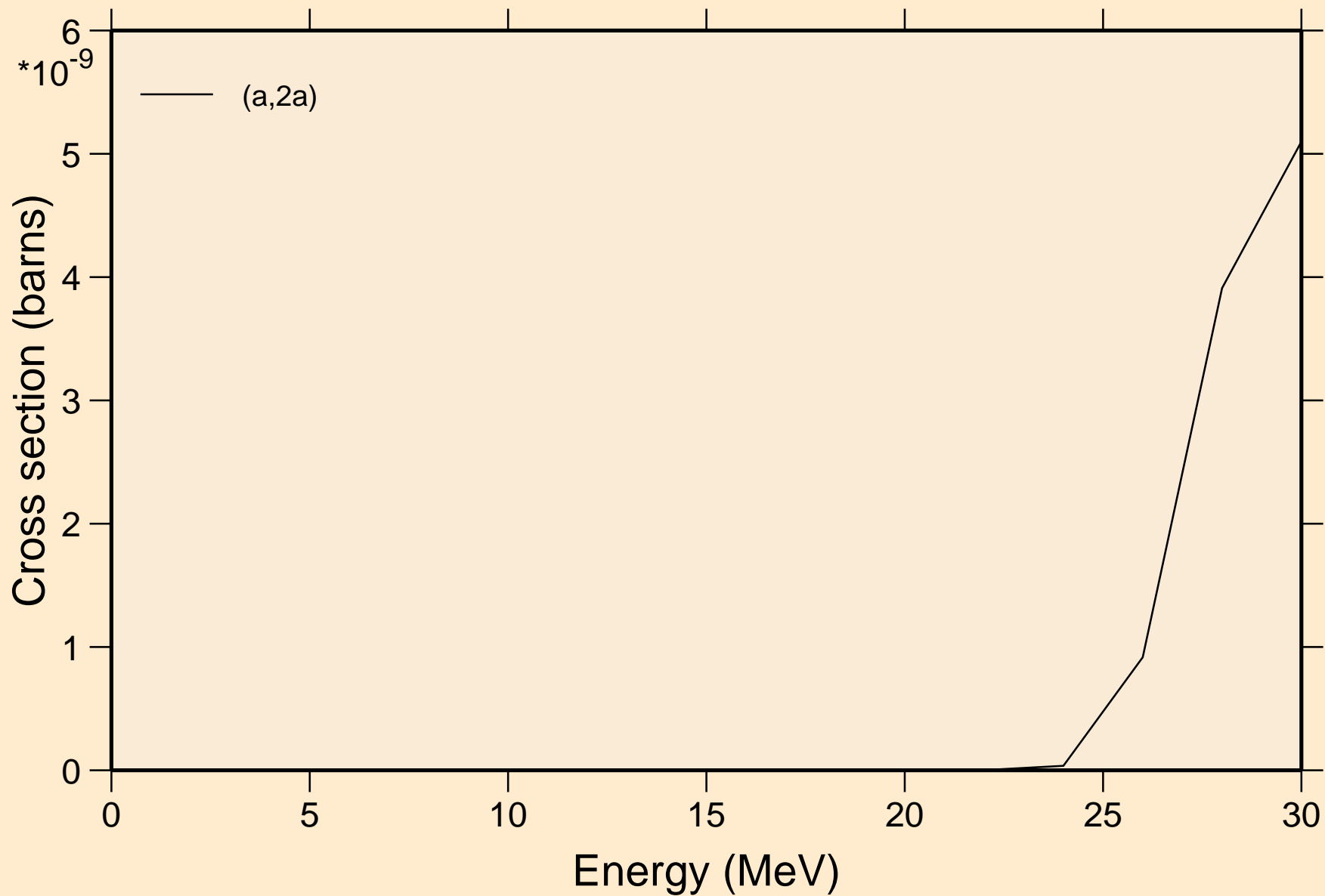


# ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

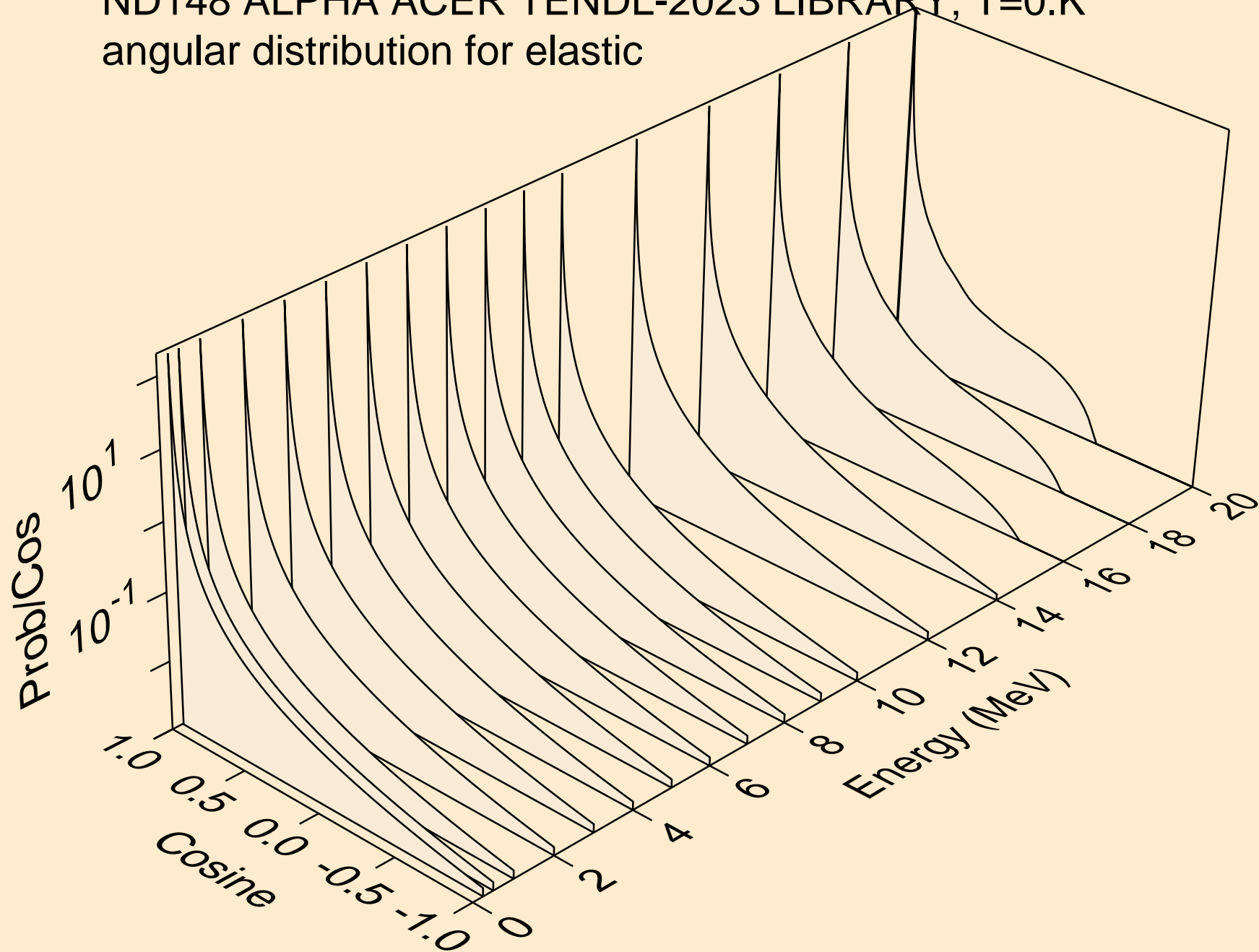
## Threshold reactions



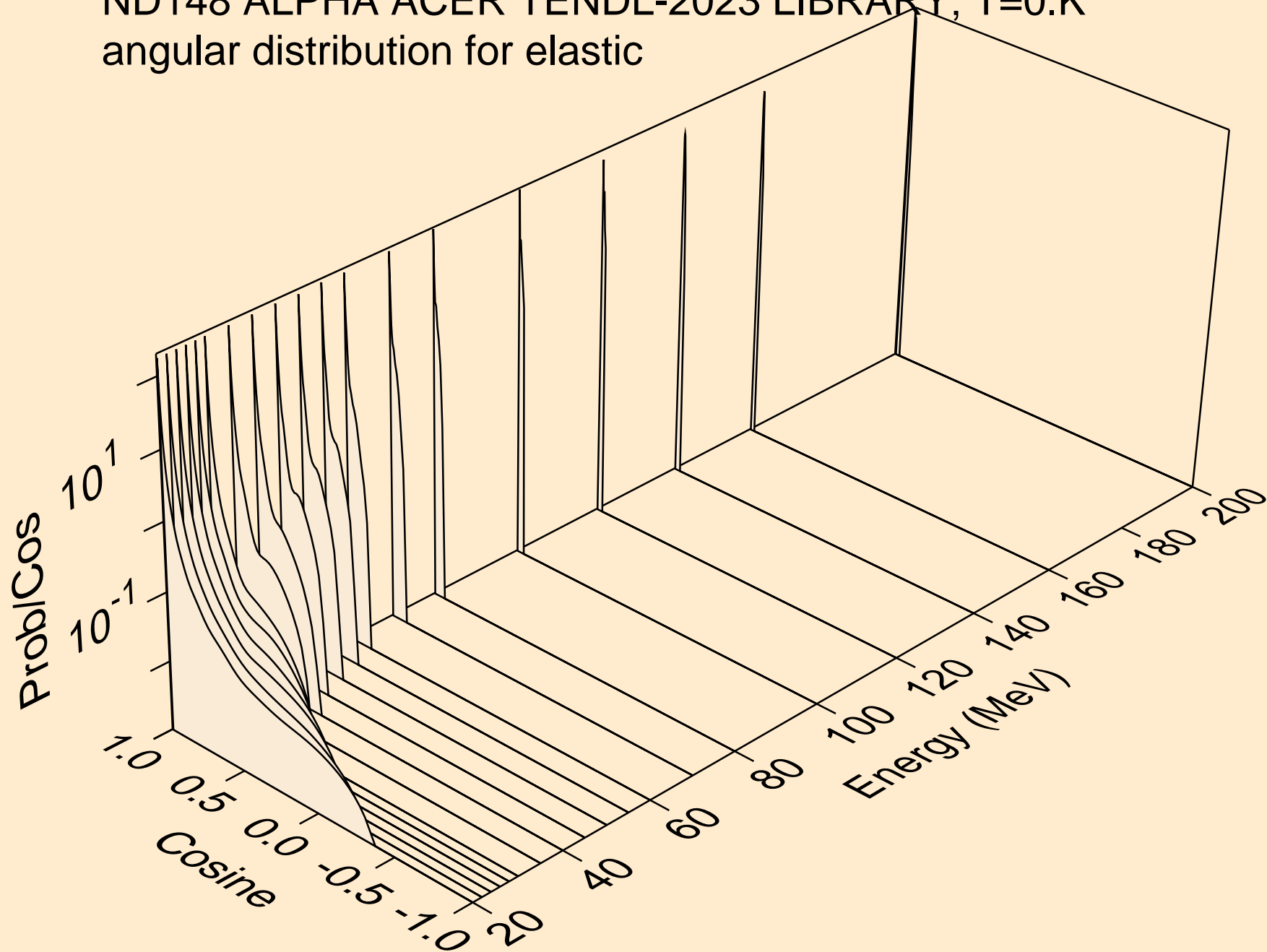
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

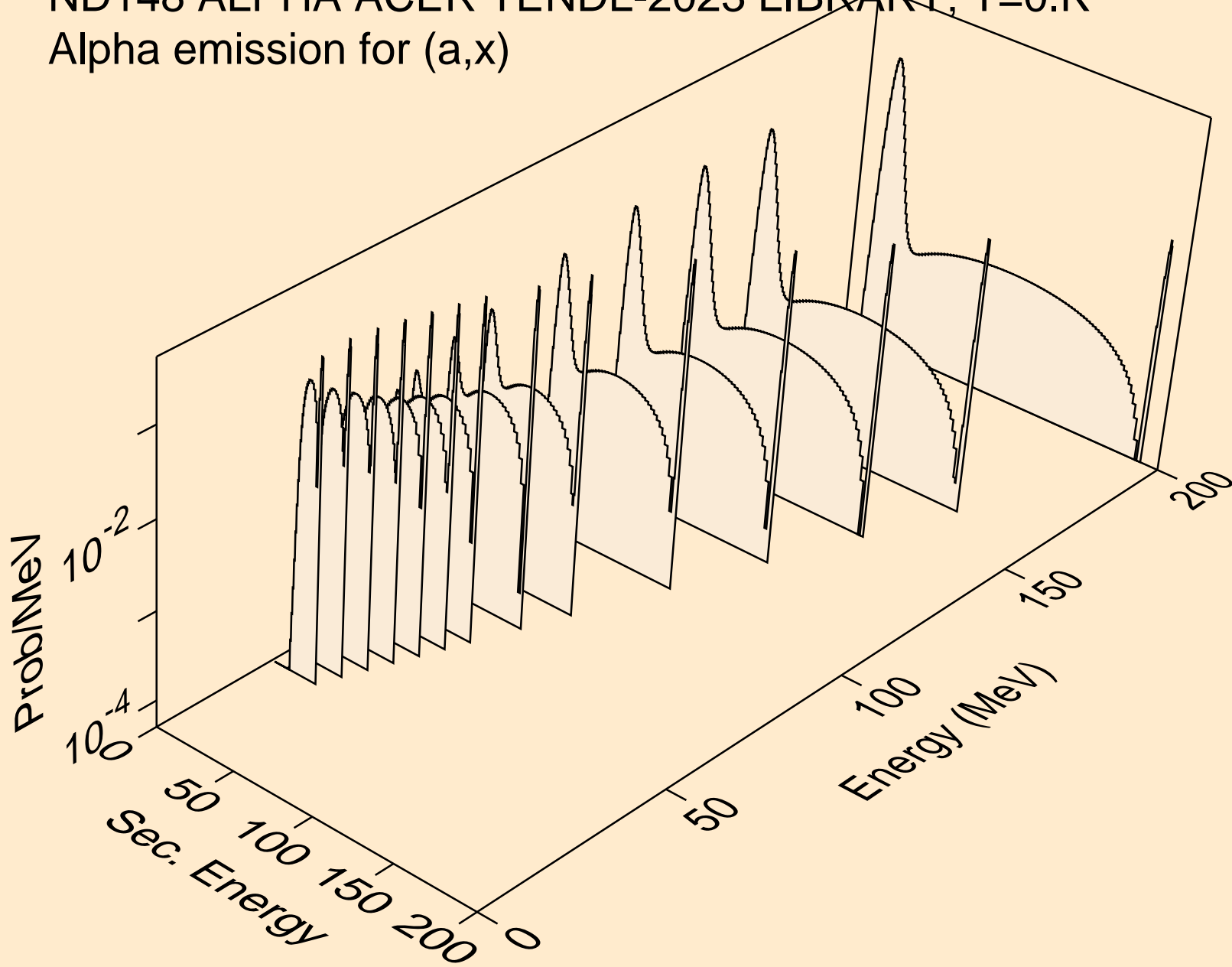


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

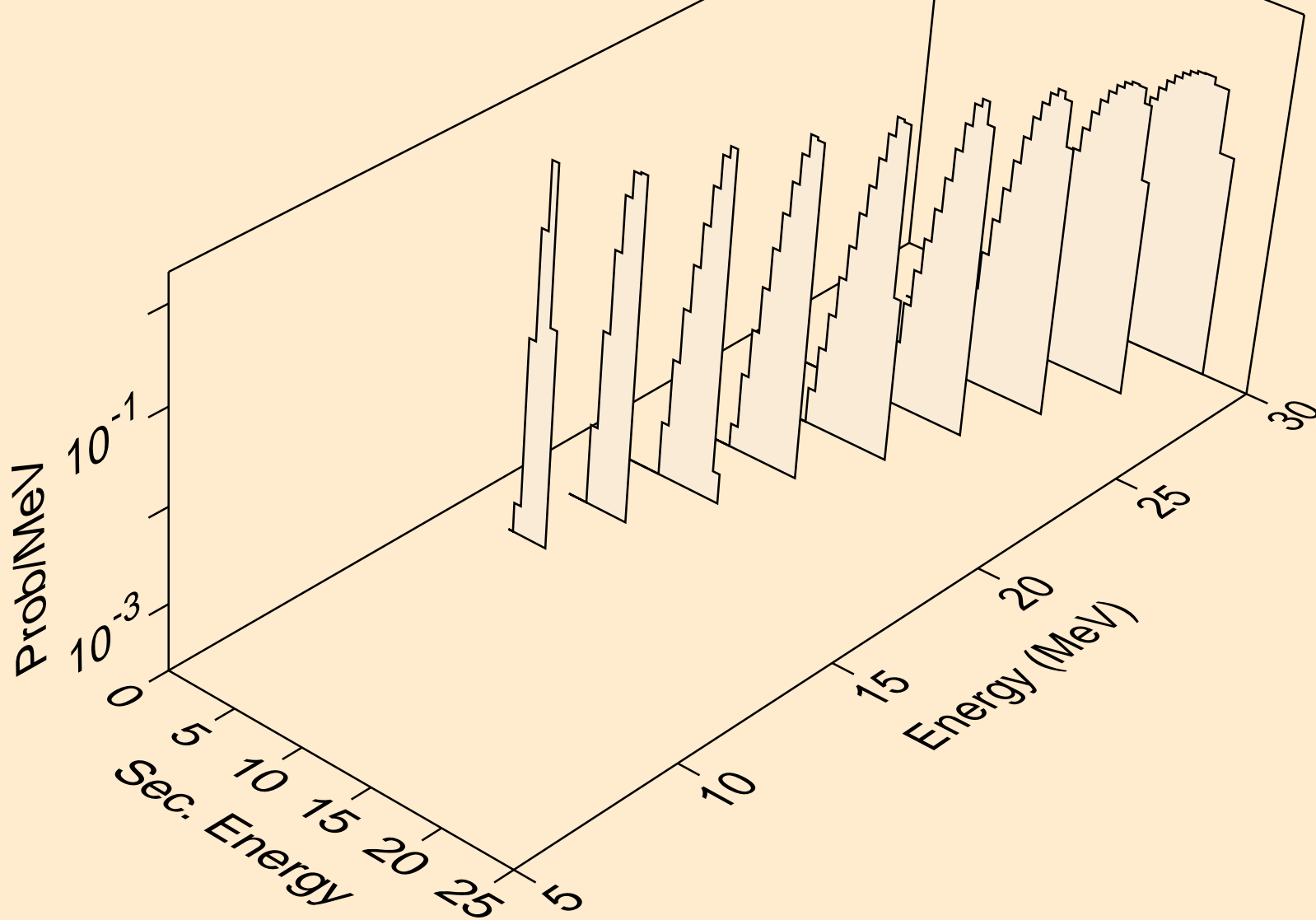




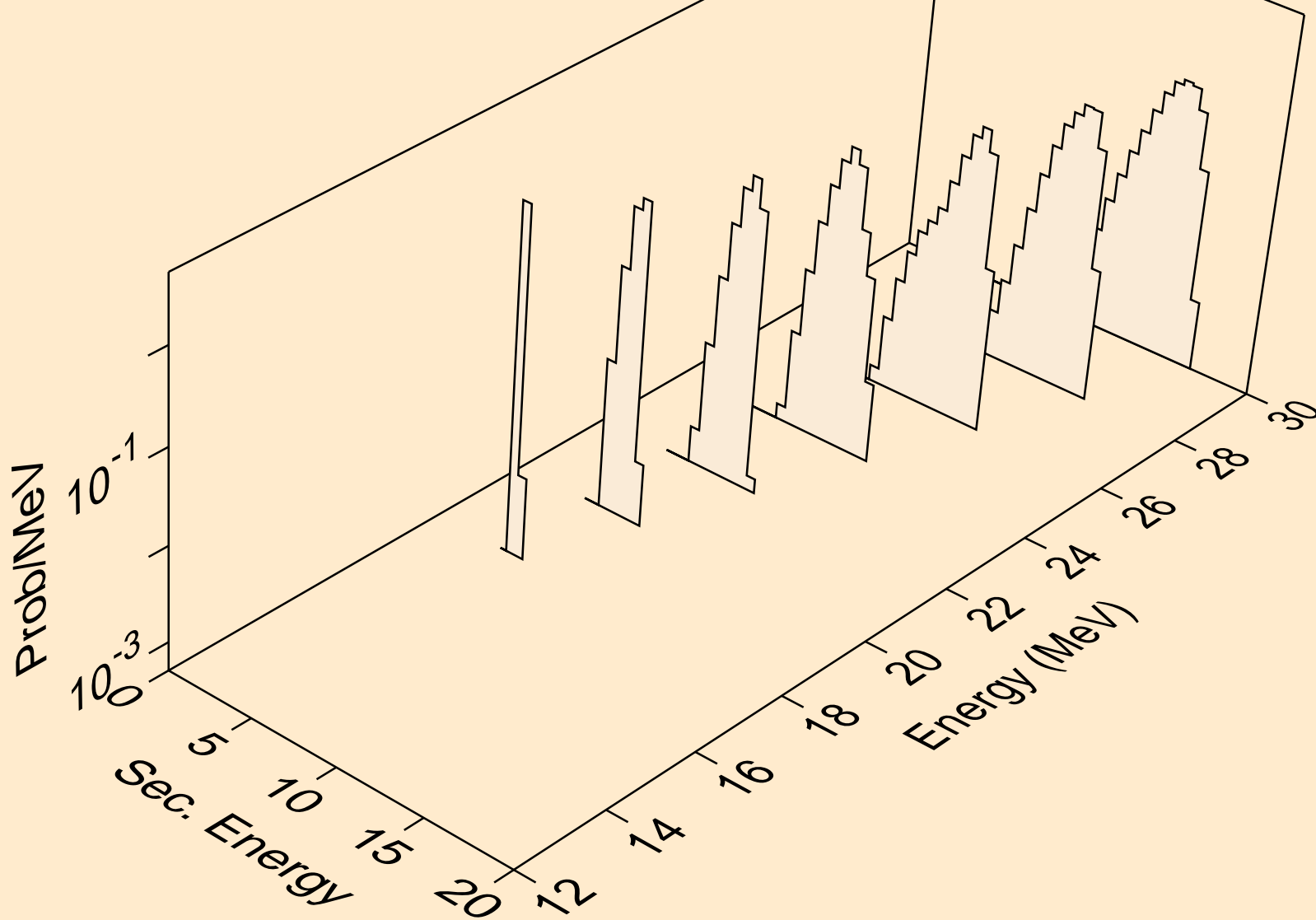
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



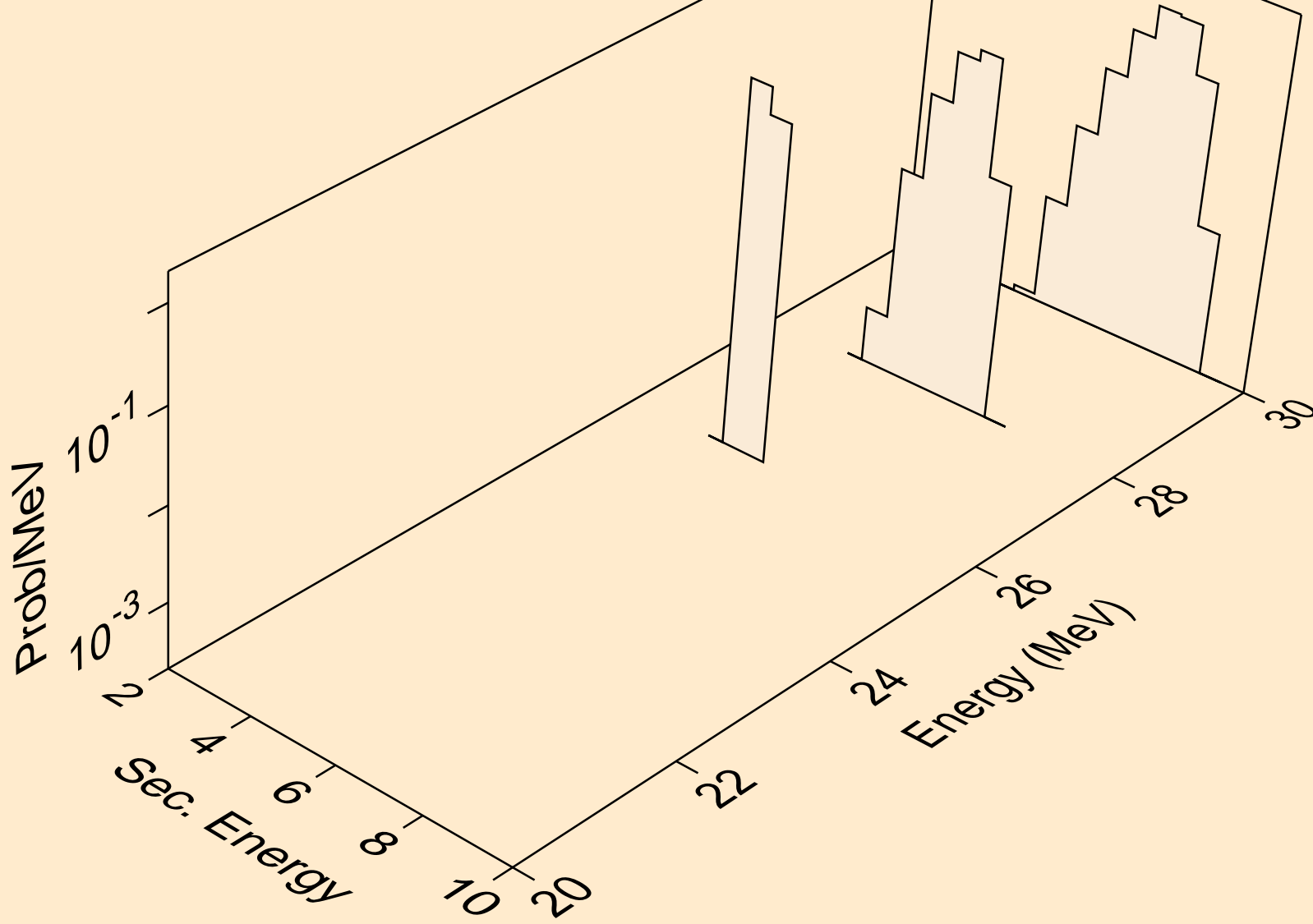
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



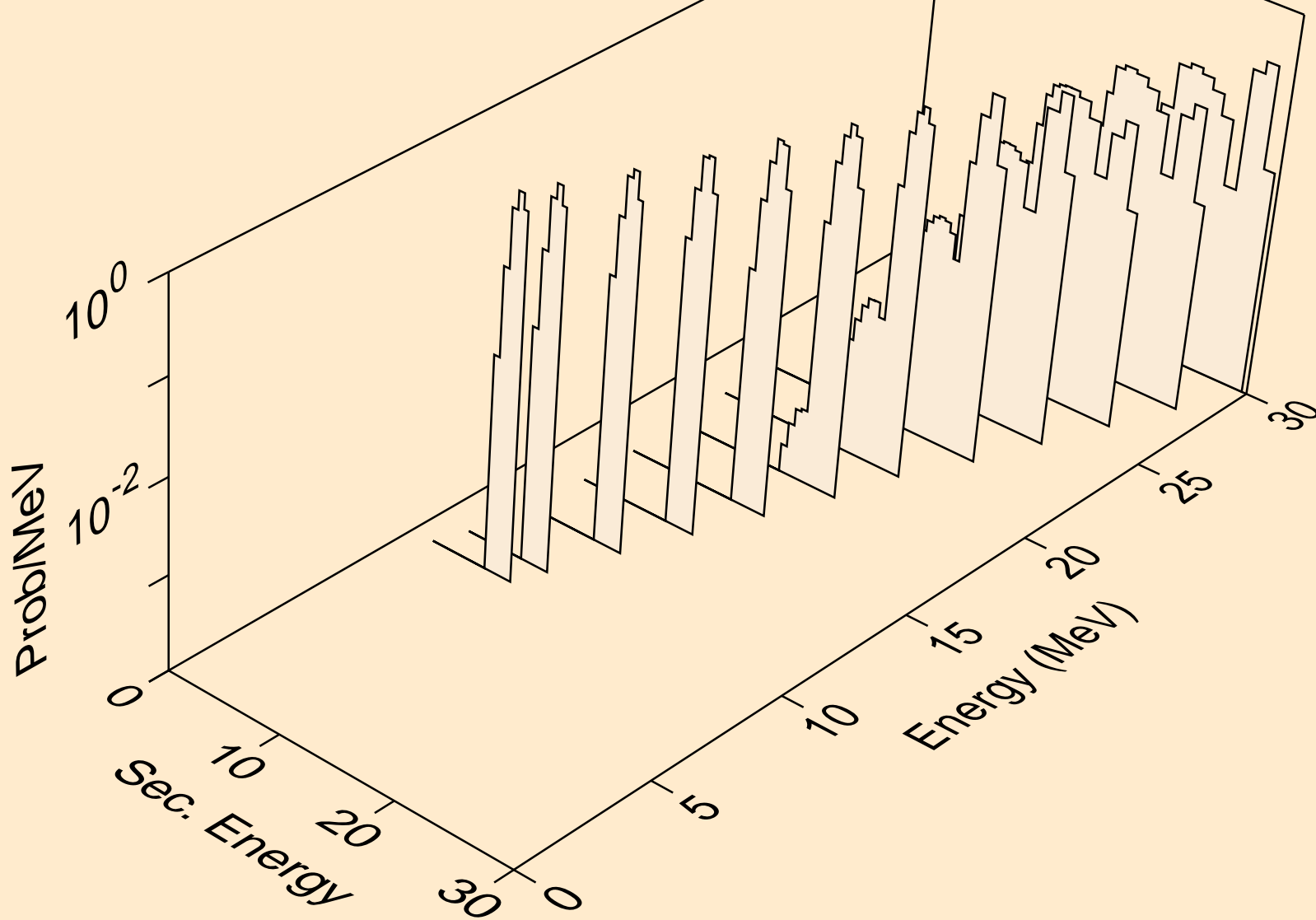
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



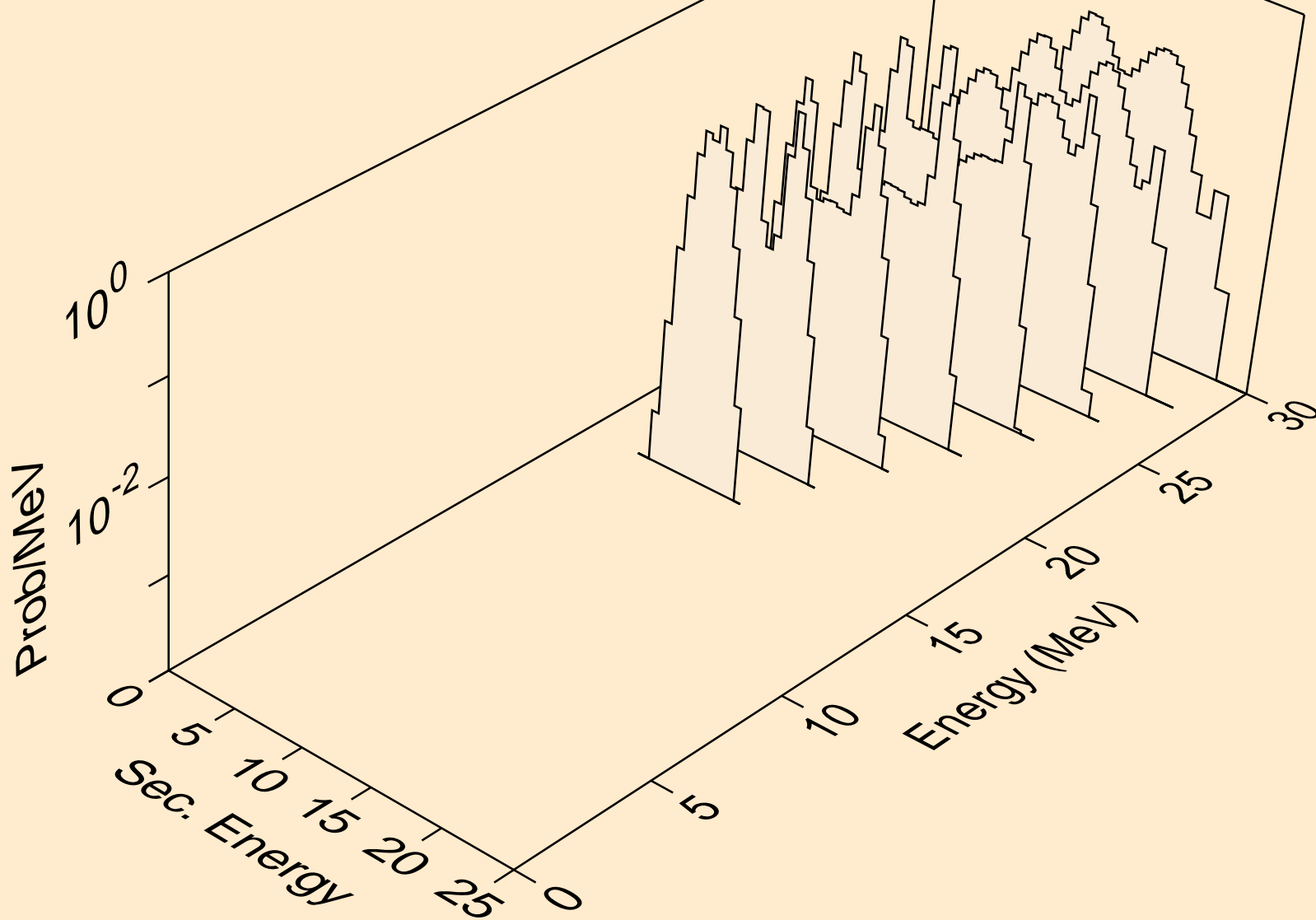
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



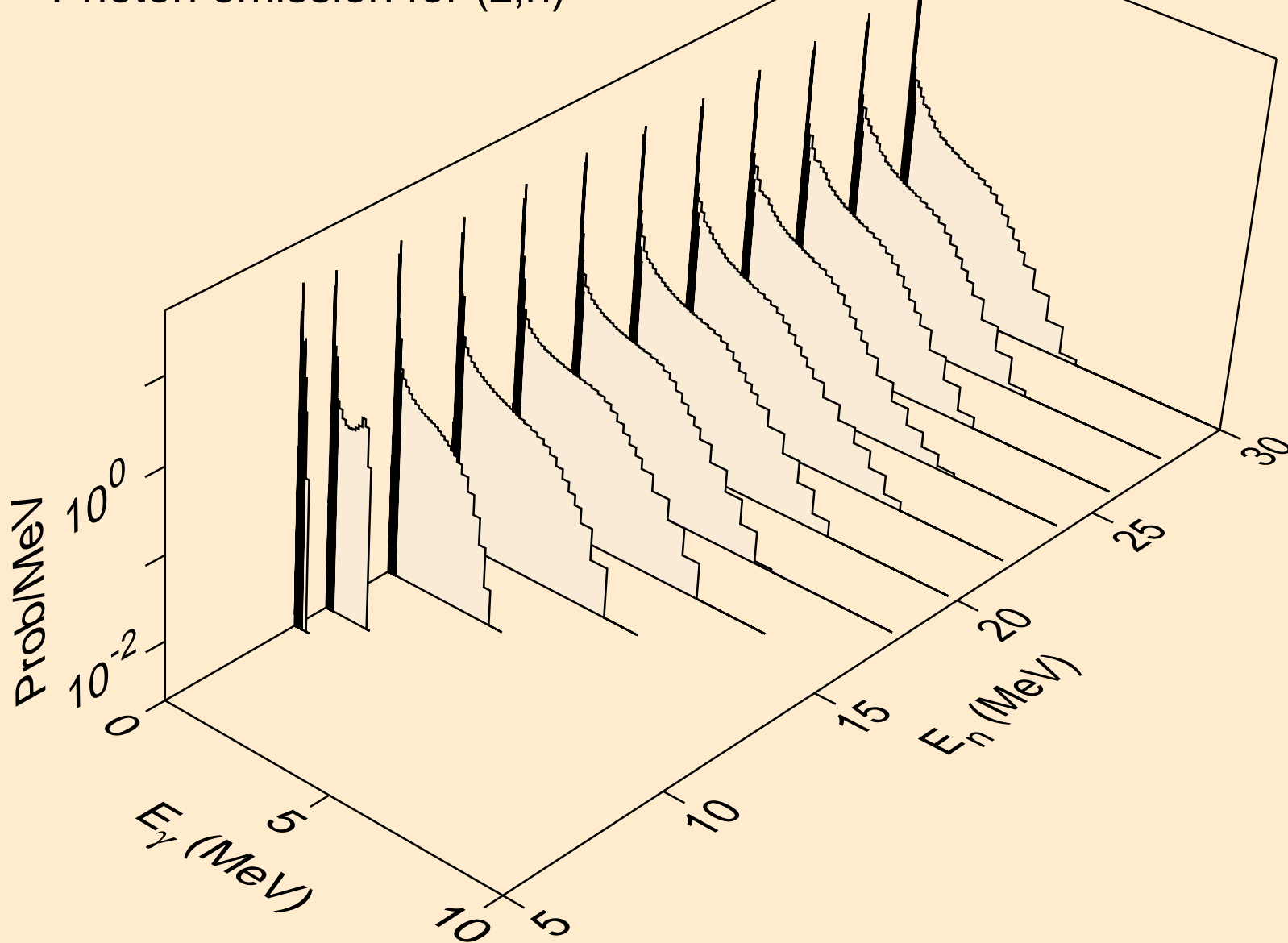
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



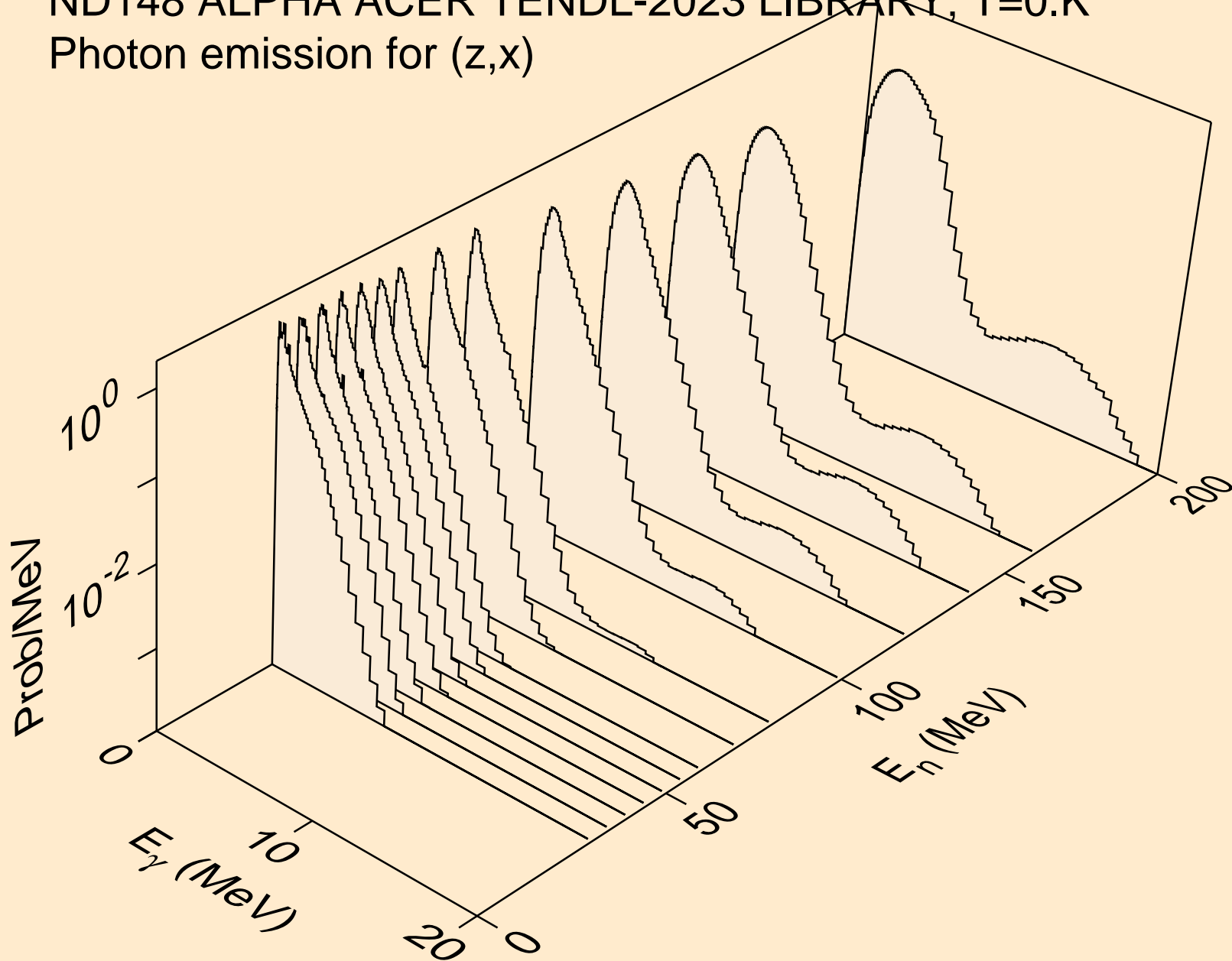
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

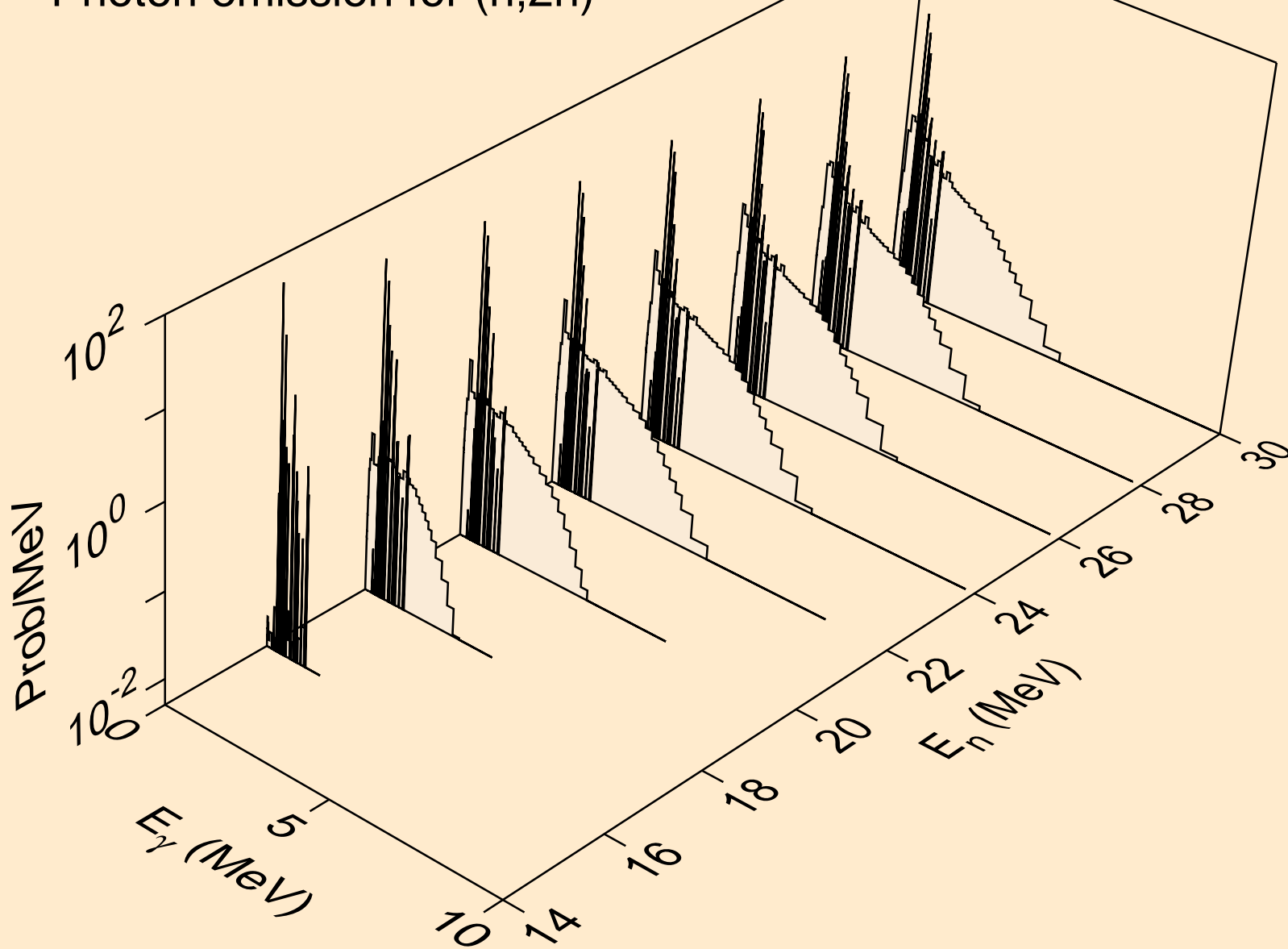


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

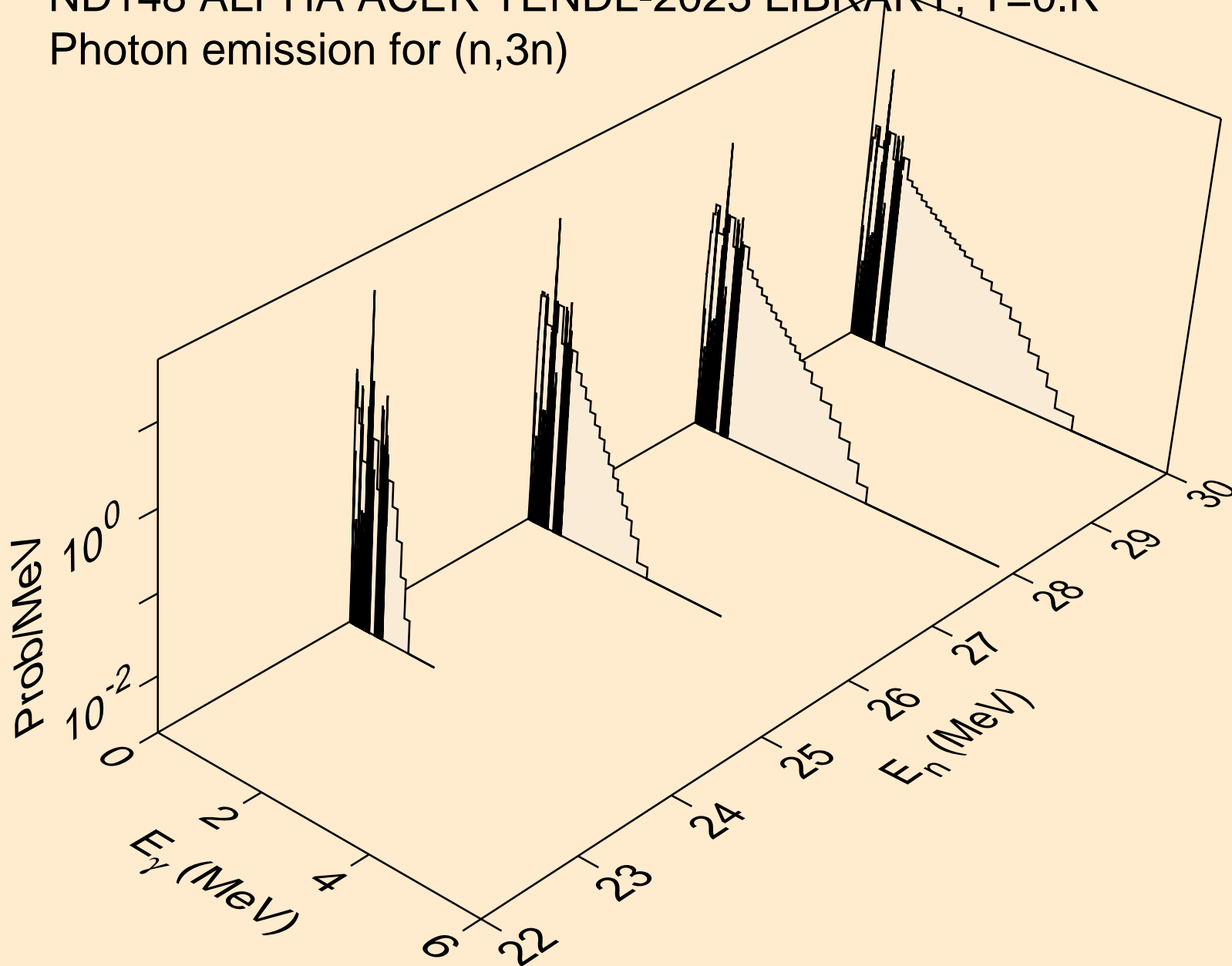




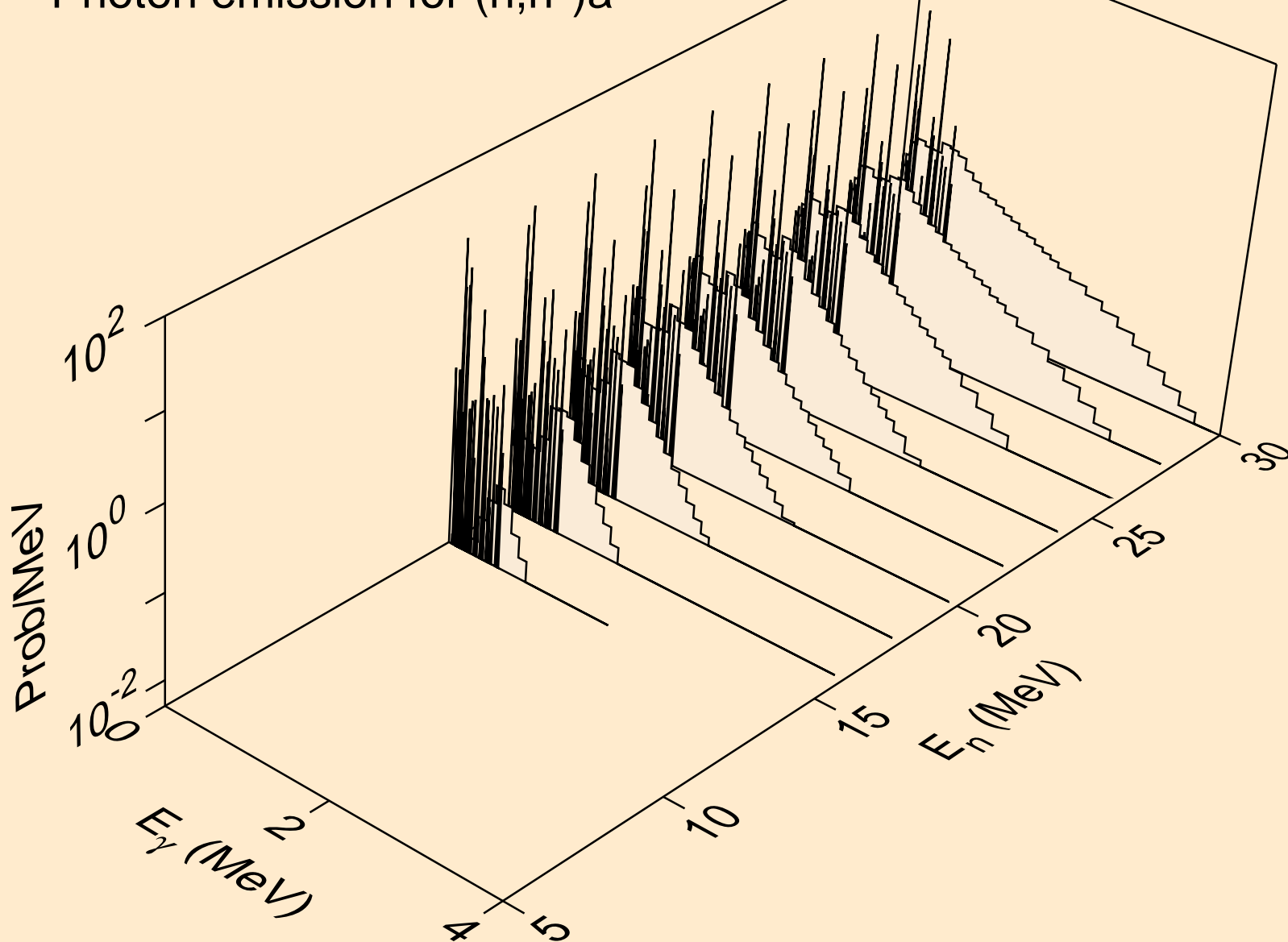
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



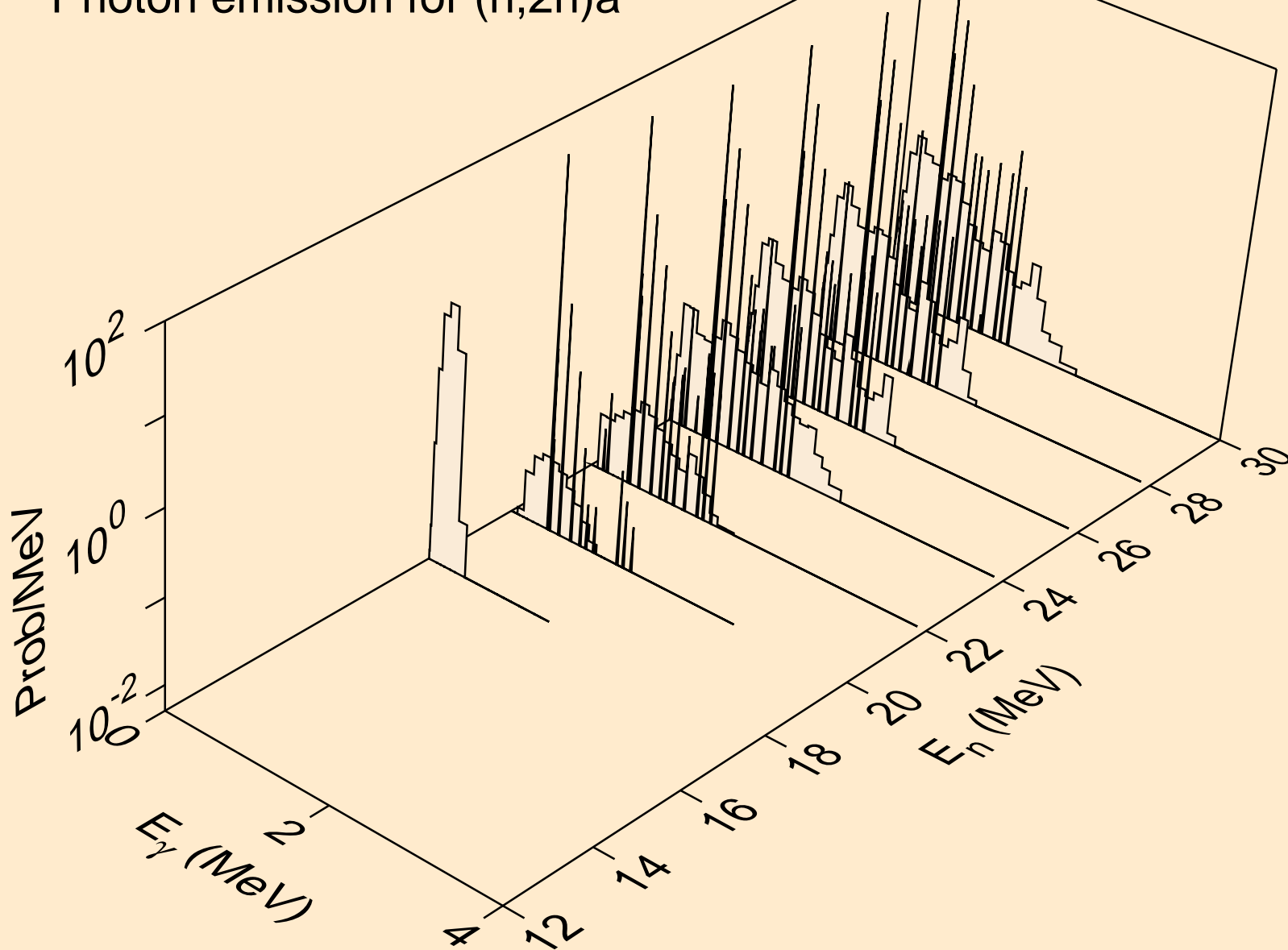
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



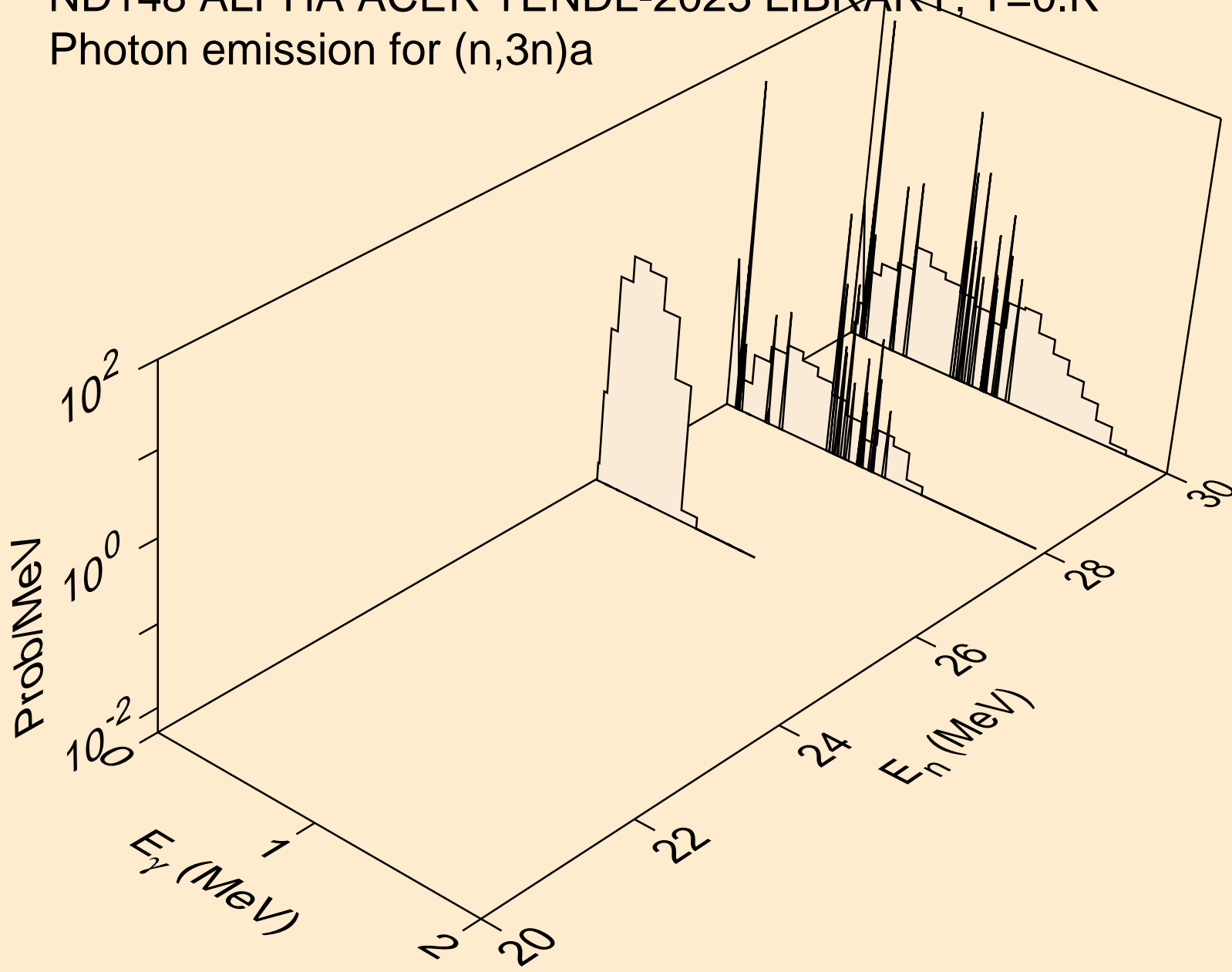
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



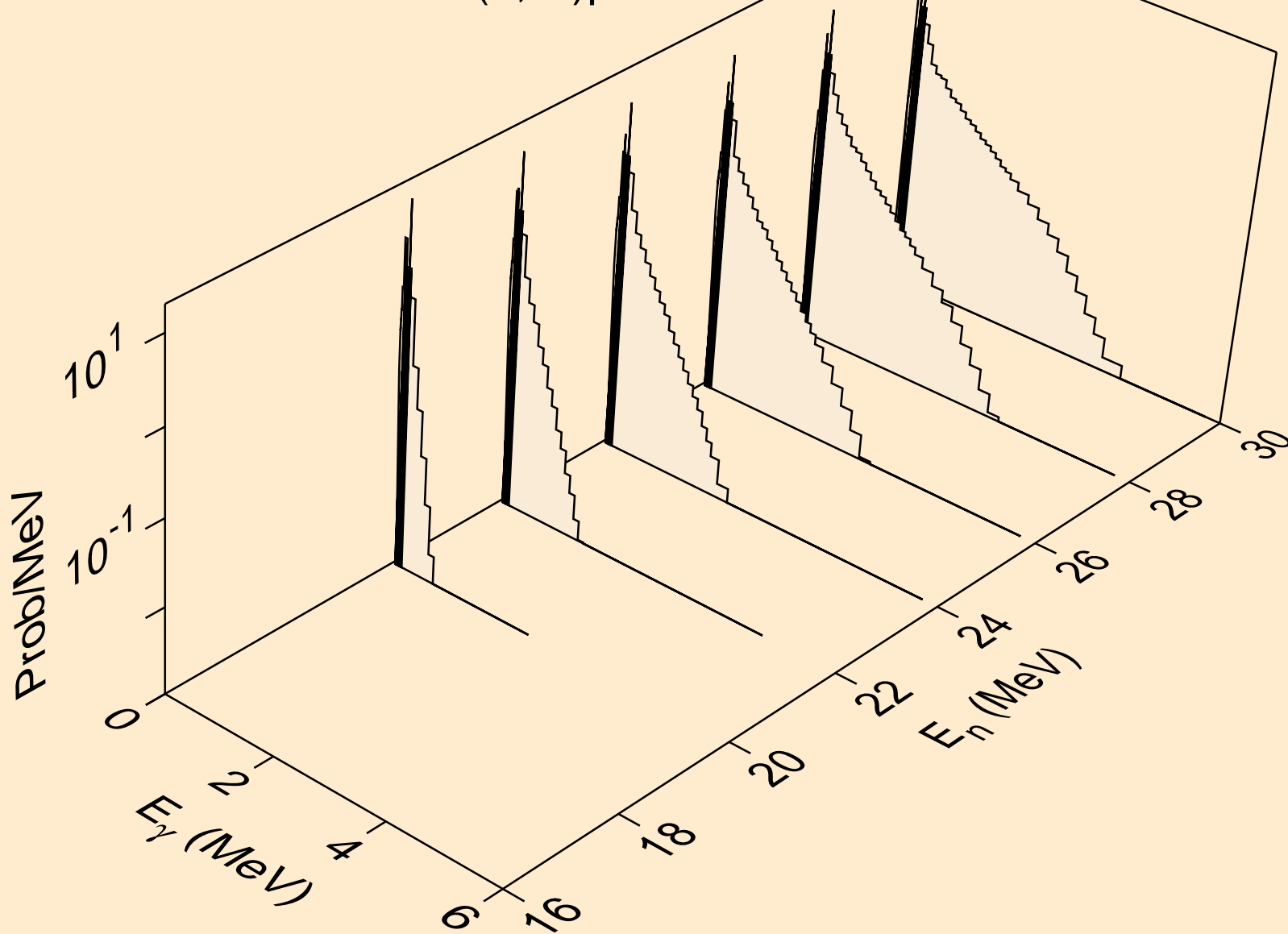
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



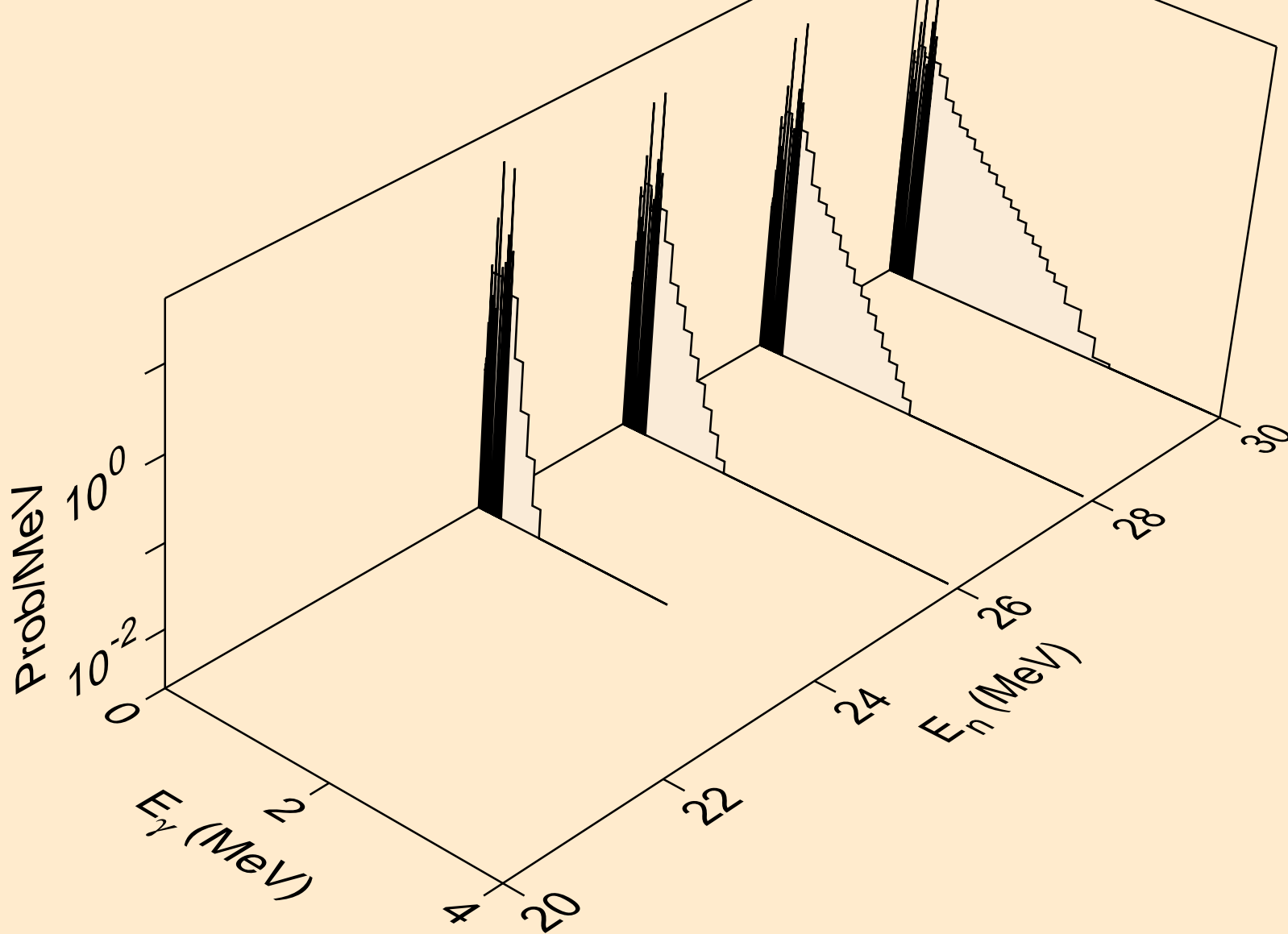
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



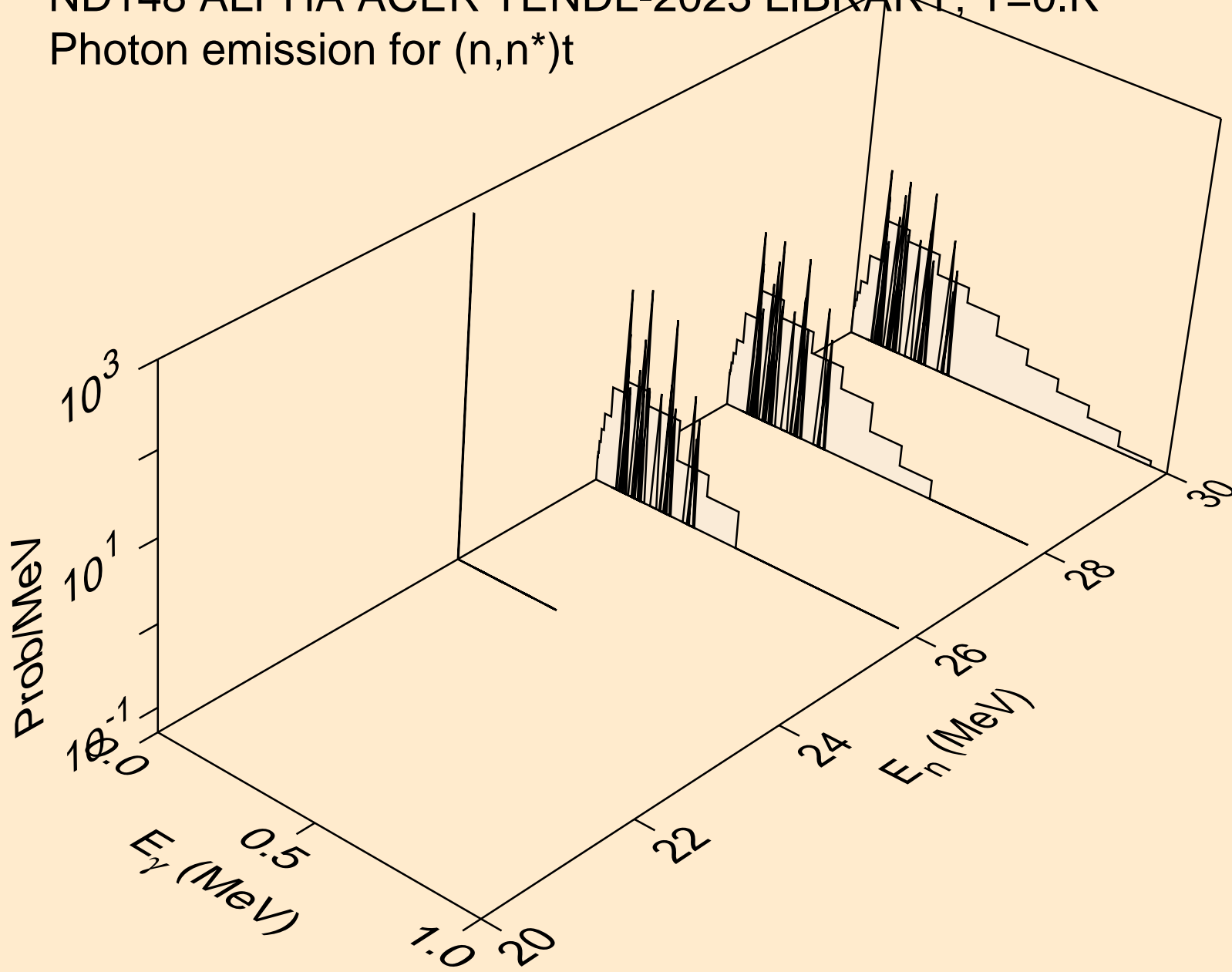
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

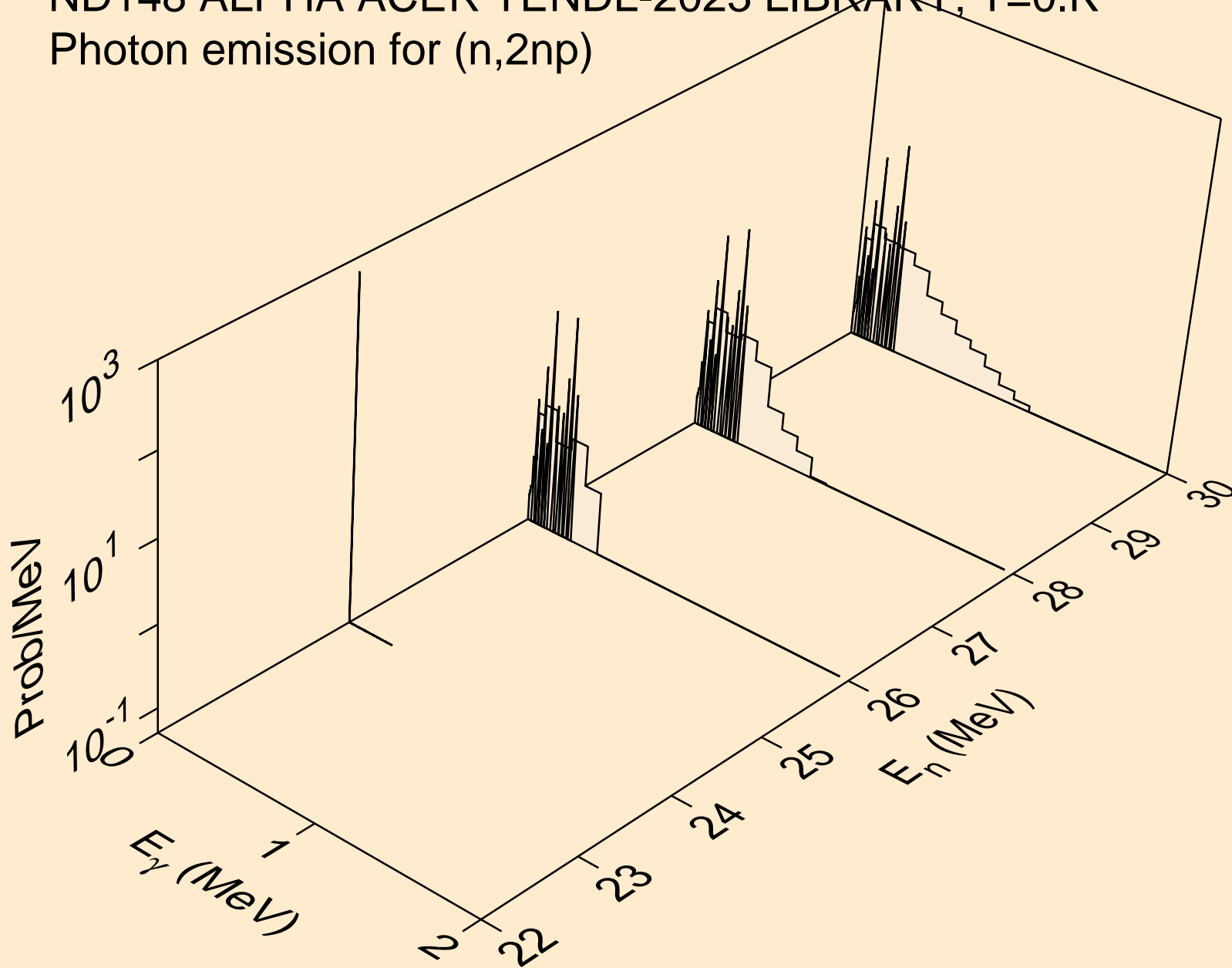


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

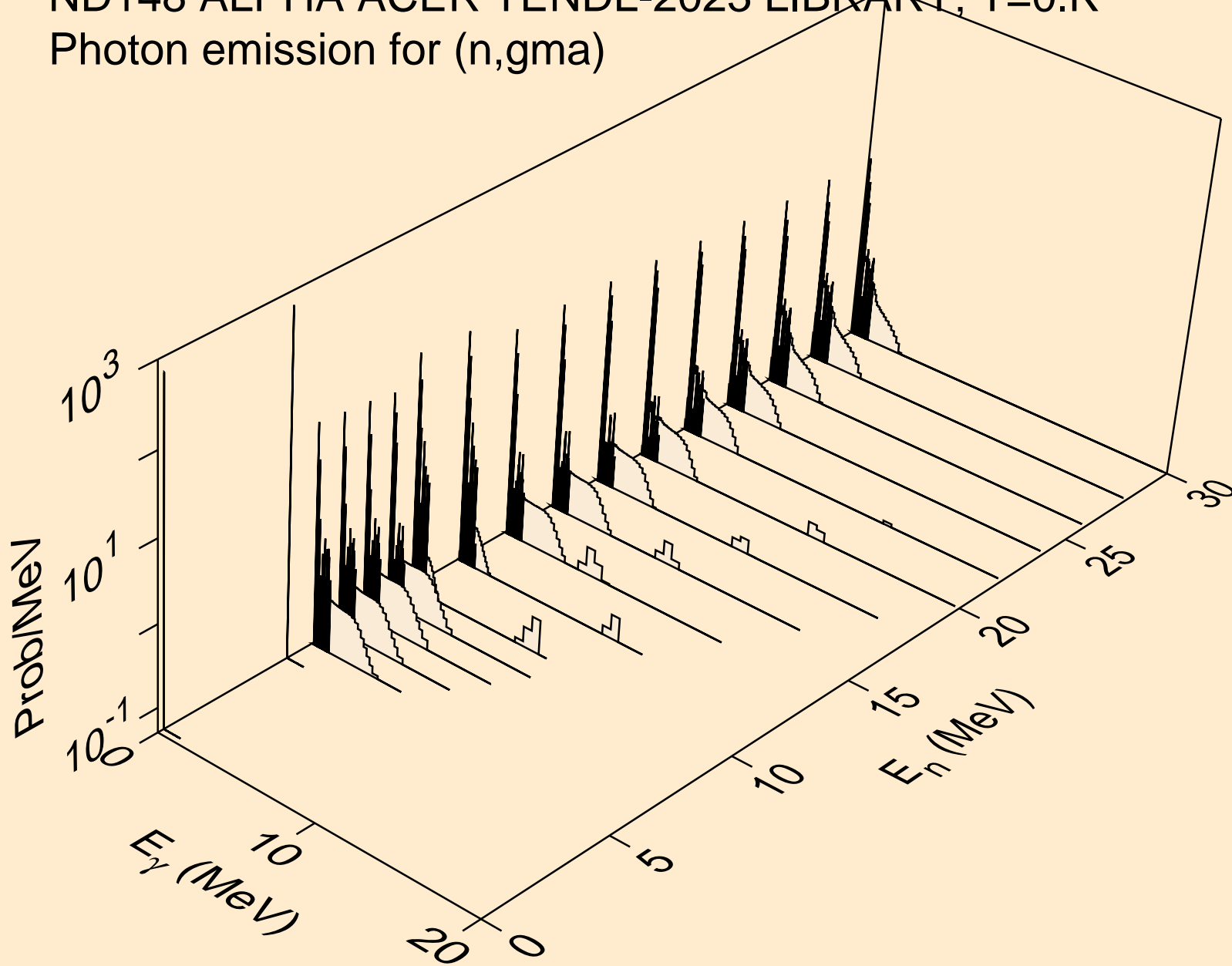




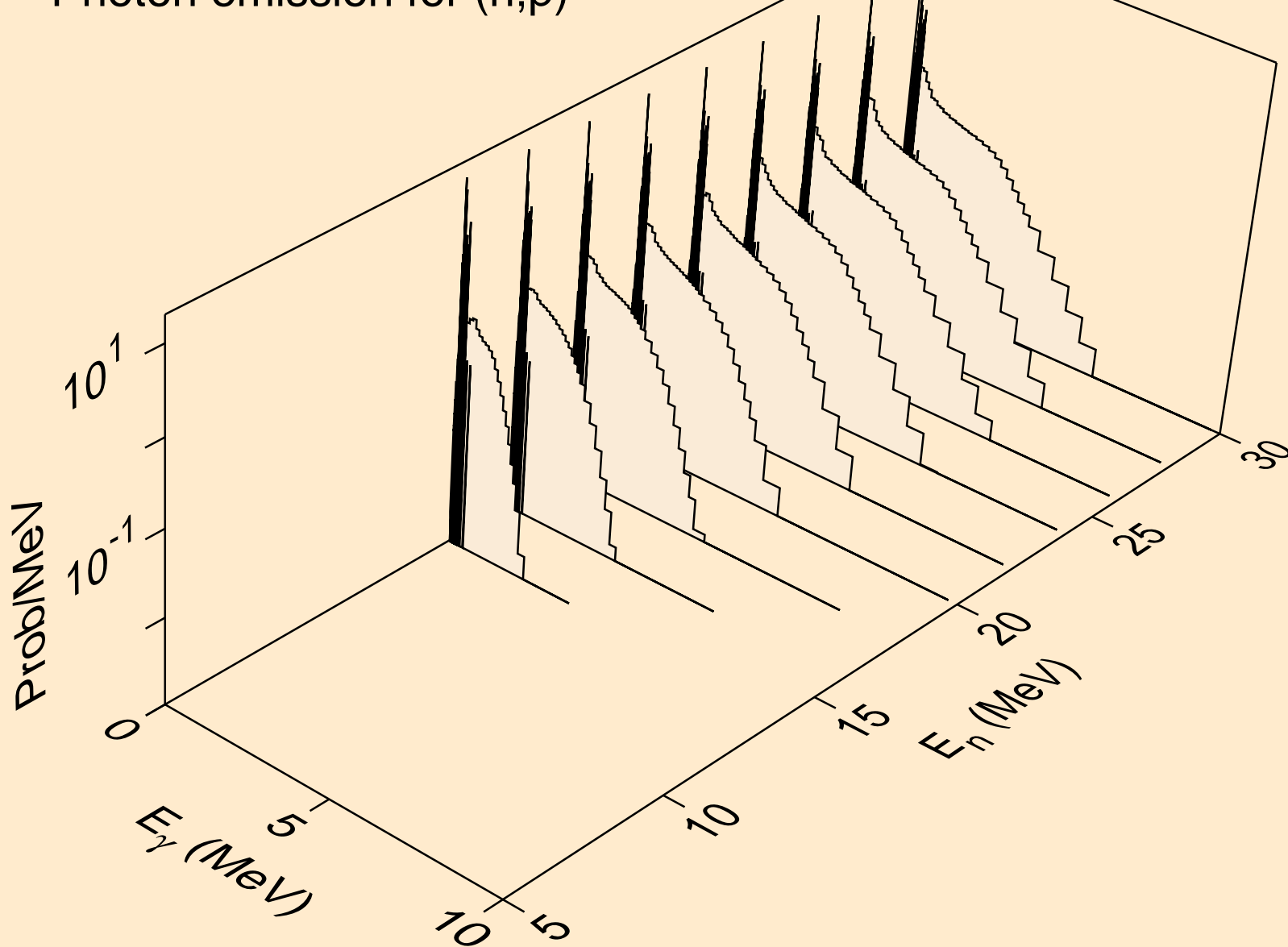
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



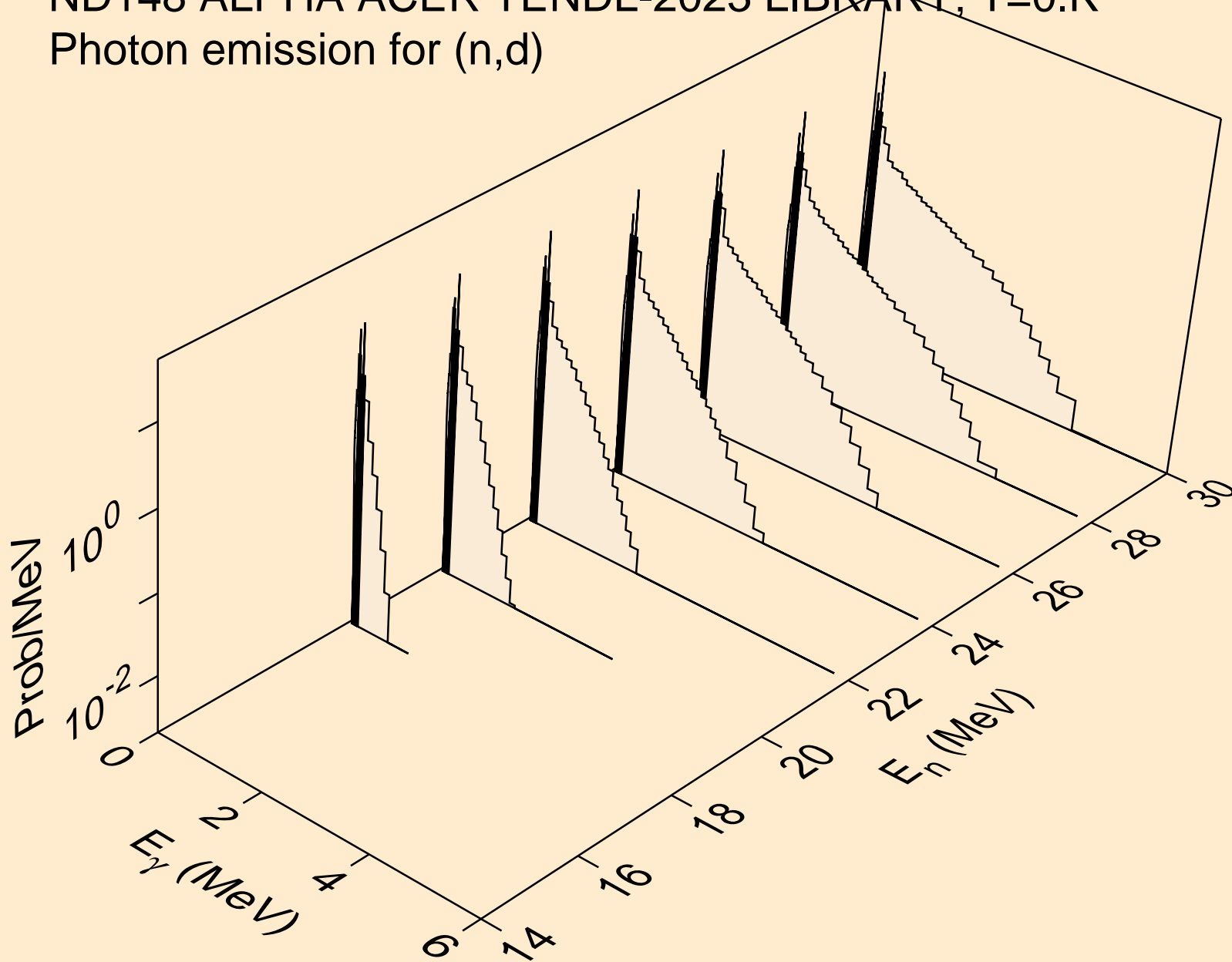
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



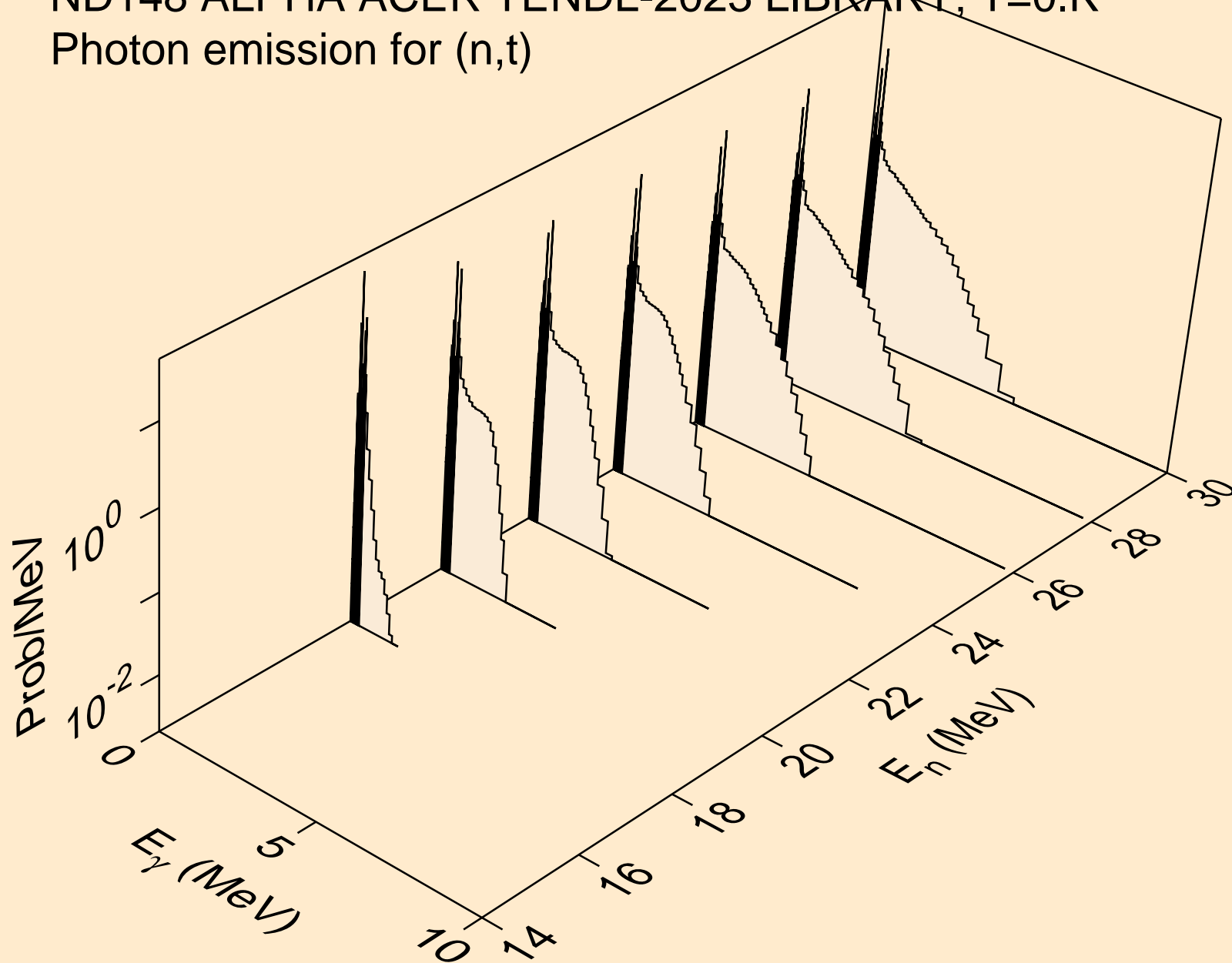
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



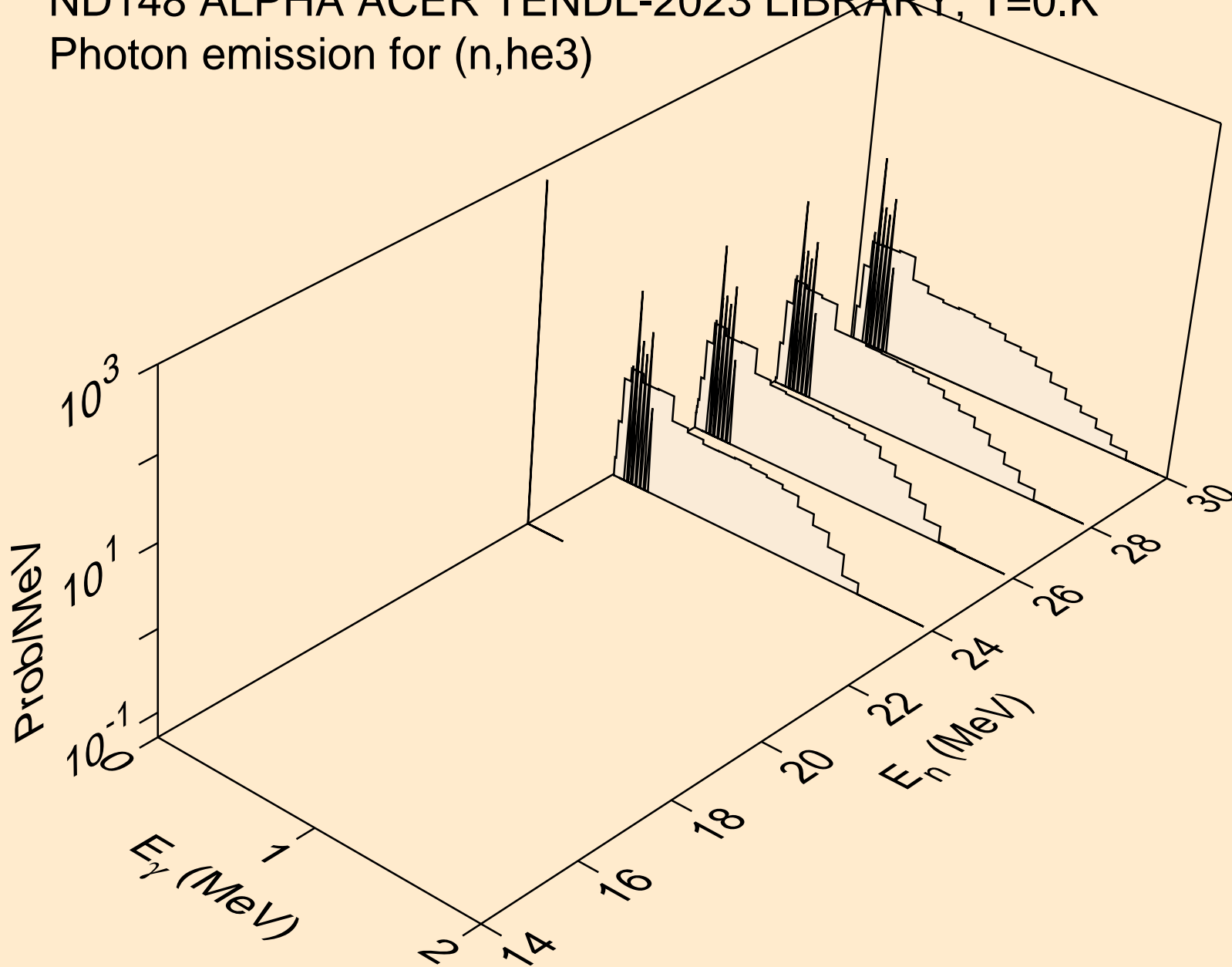
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



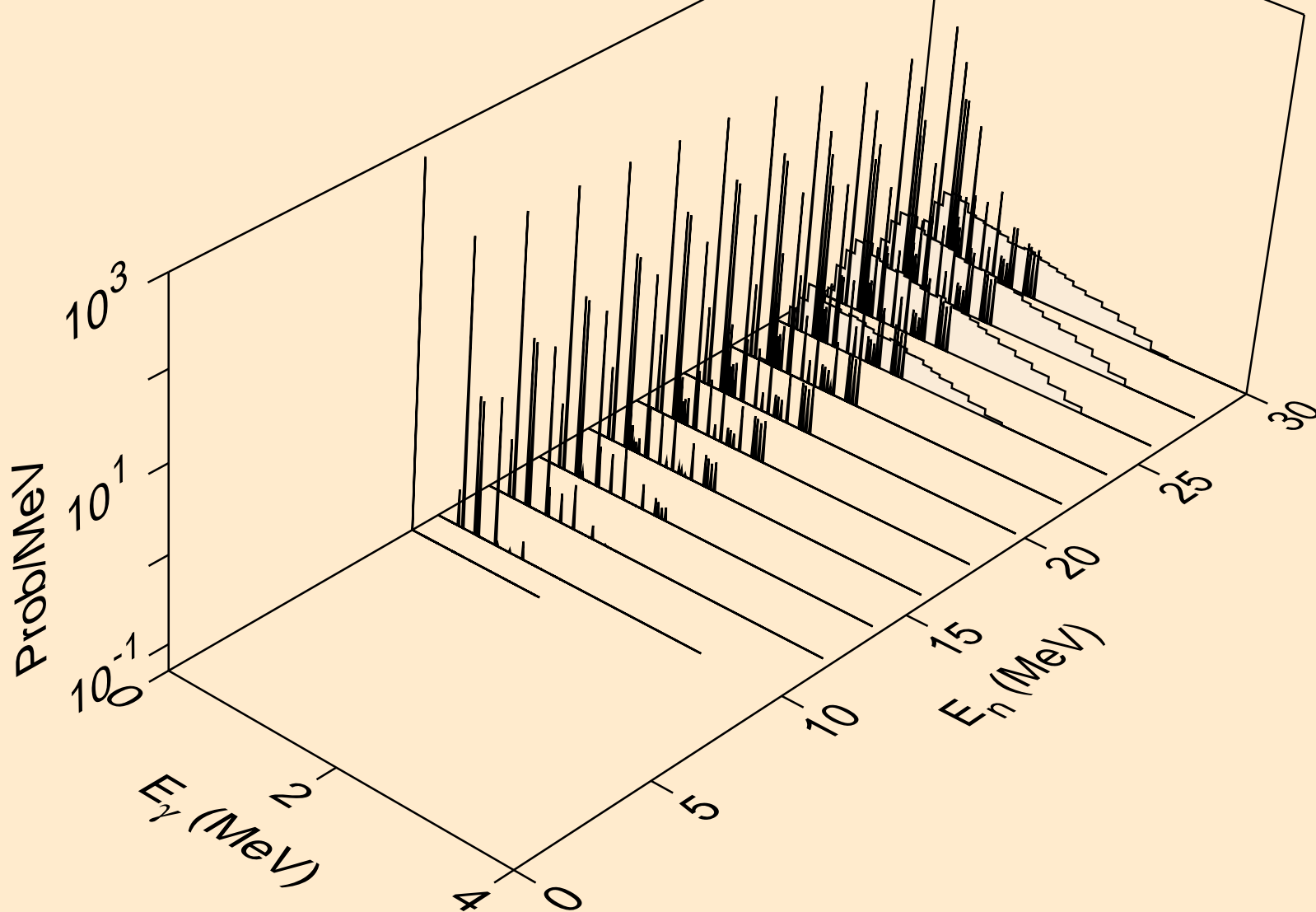
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



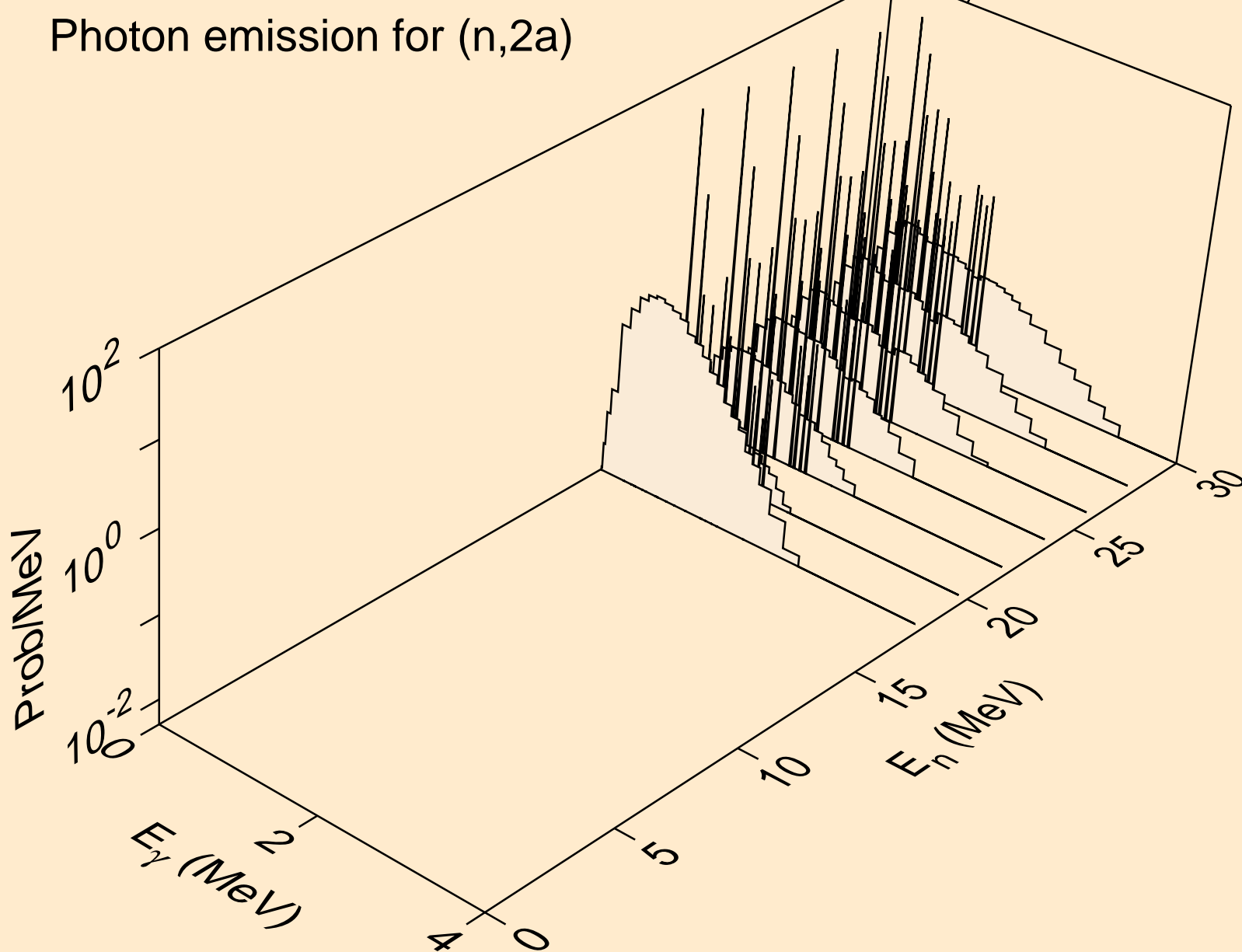
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



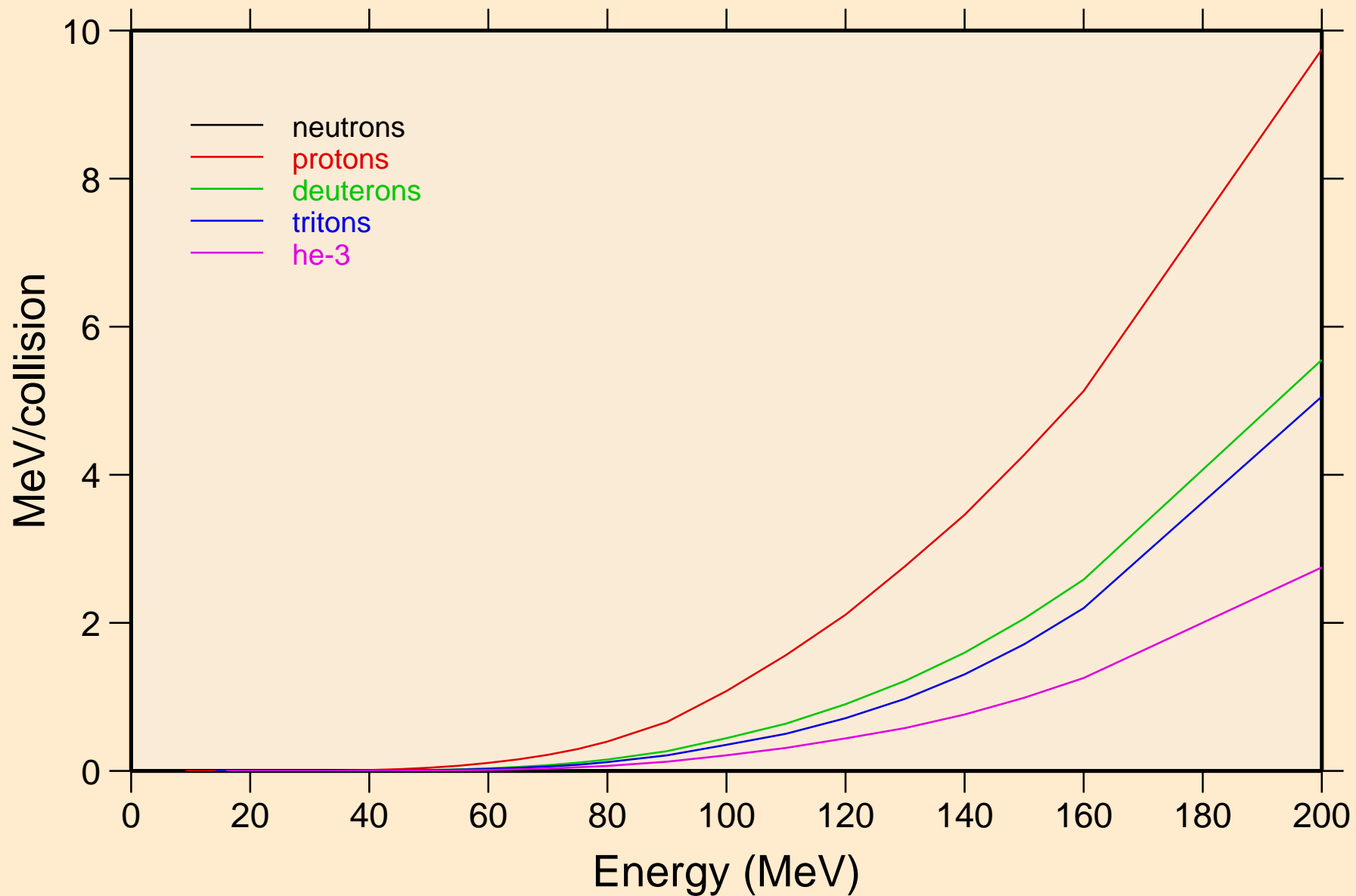
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



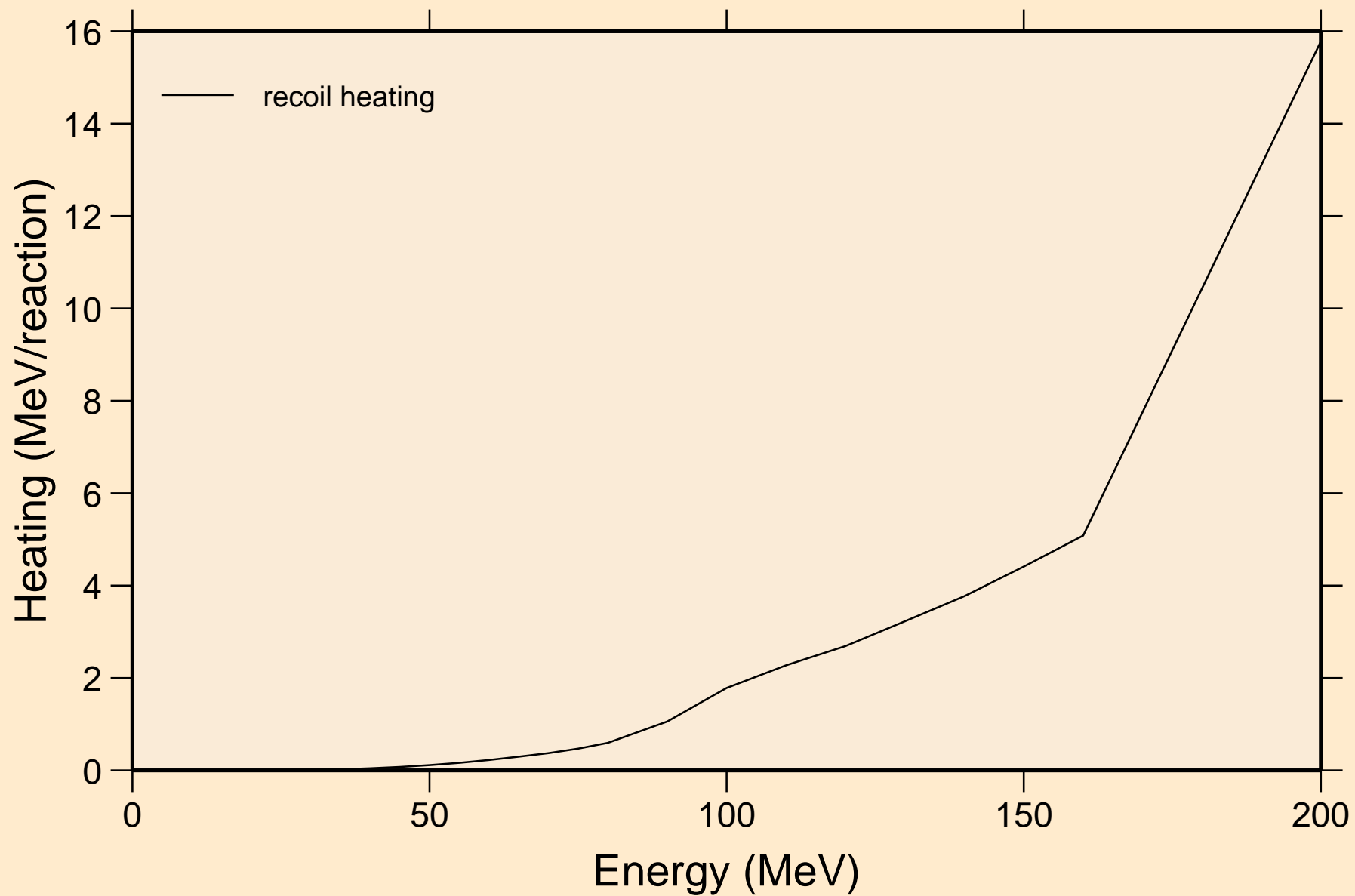


# ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

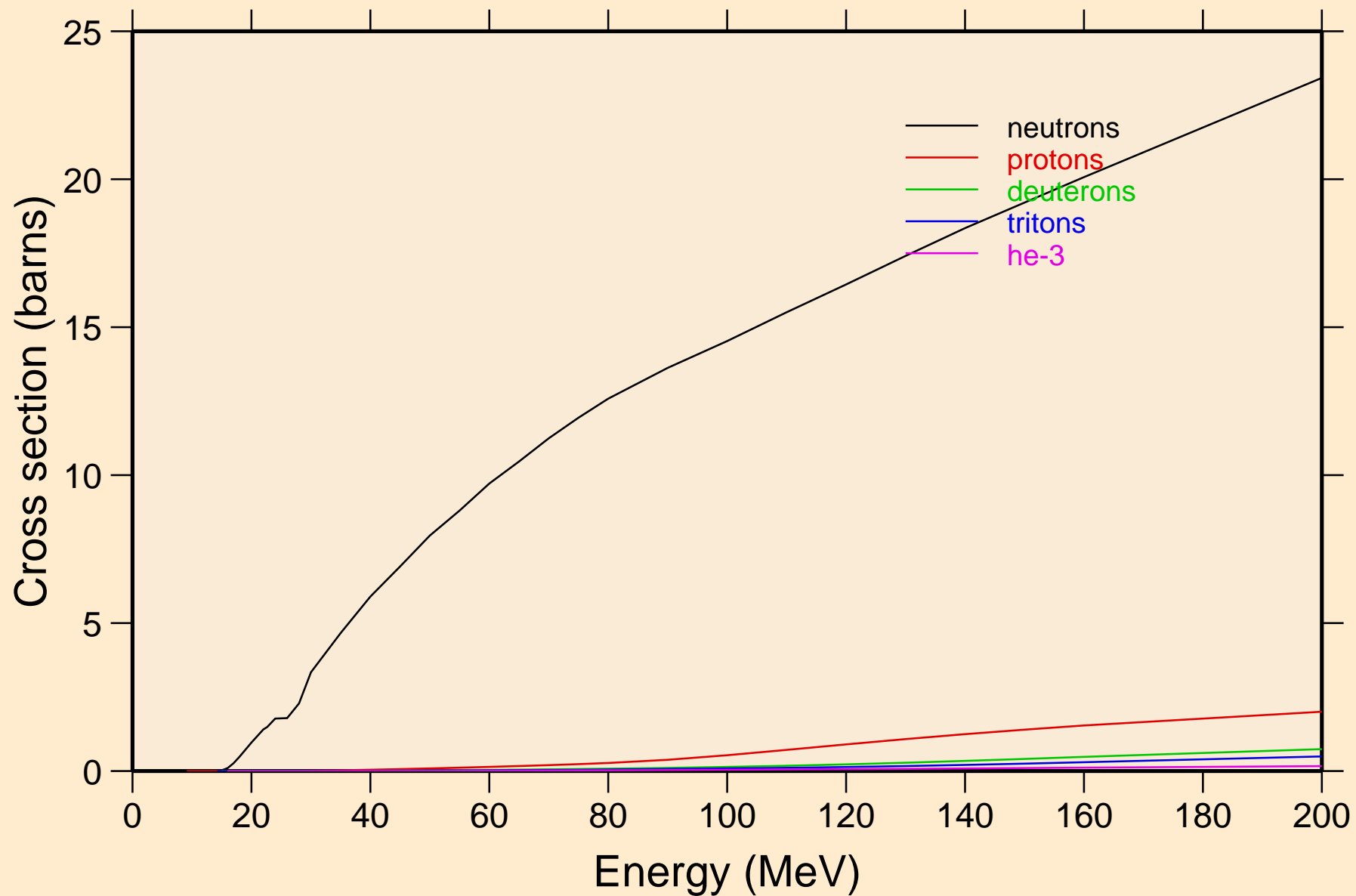


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

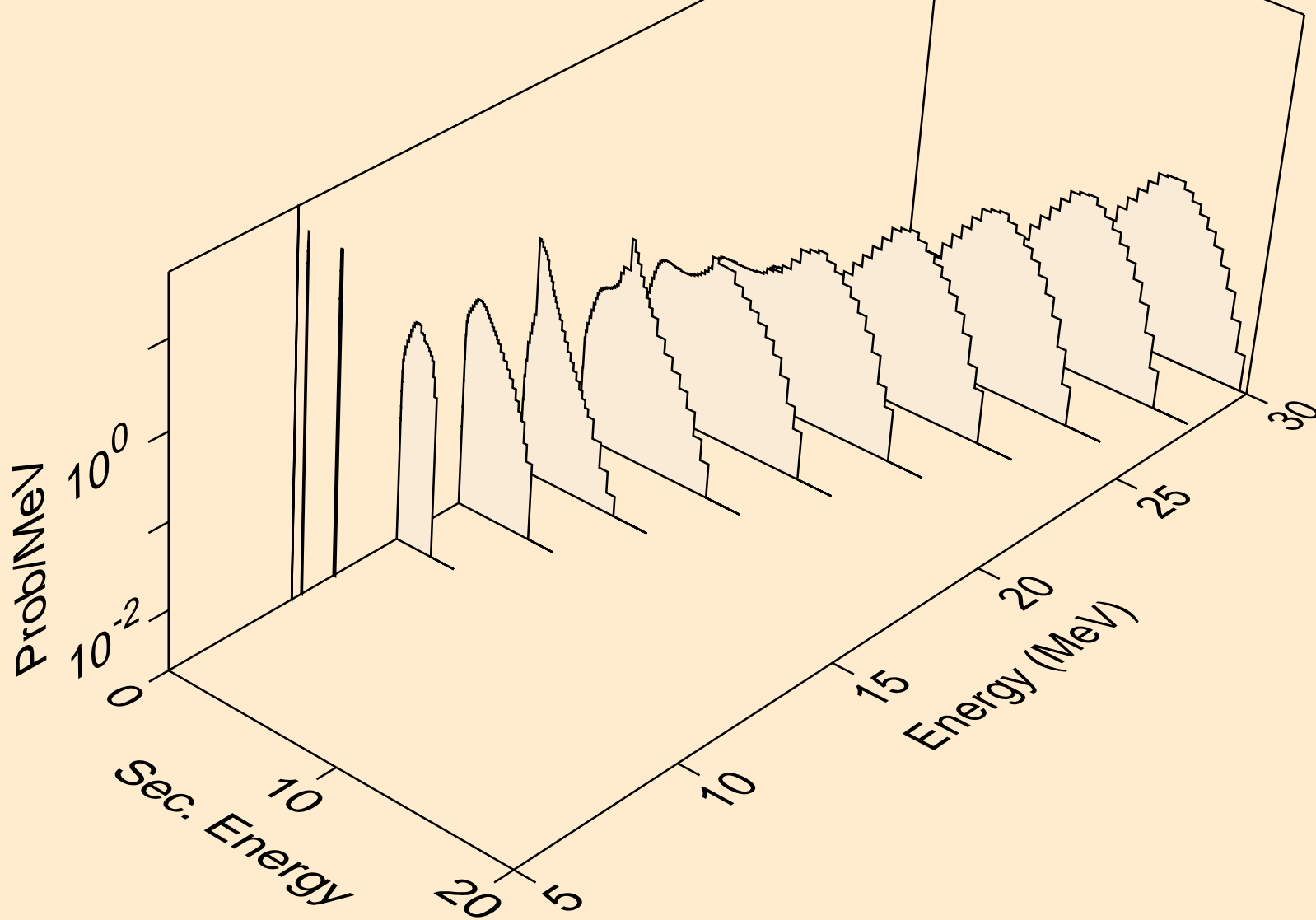


# ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

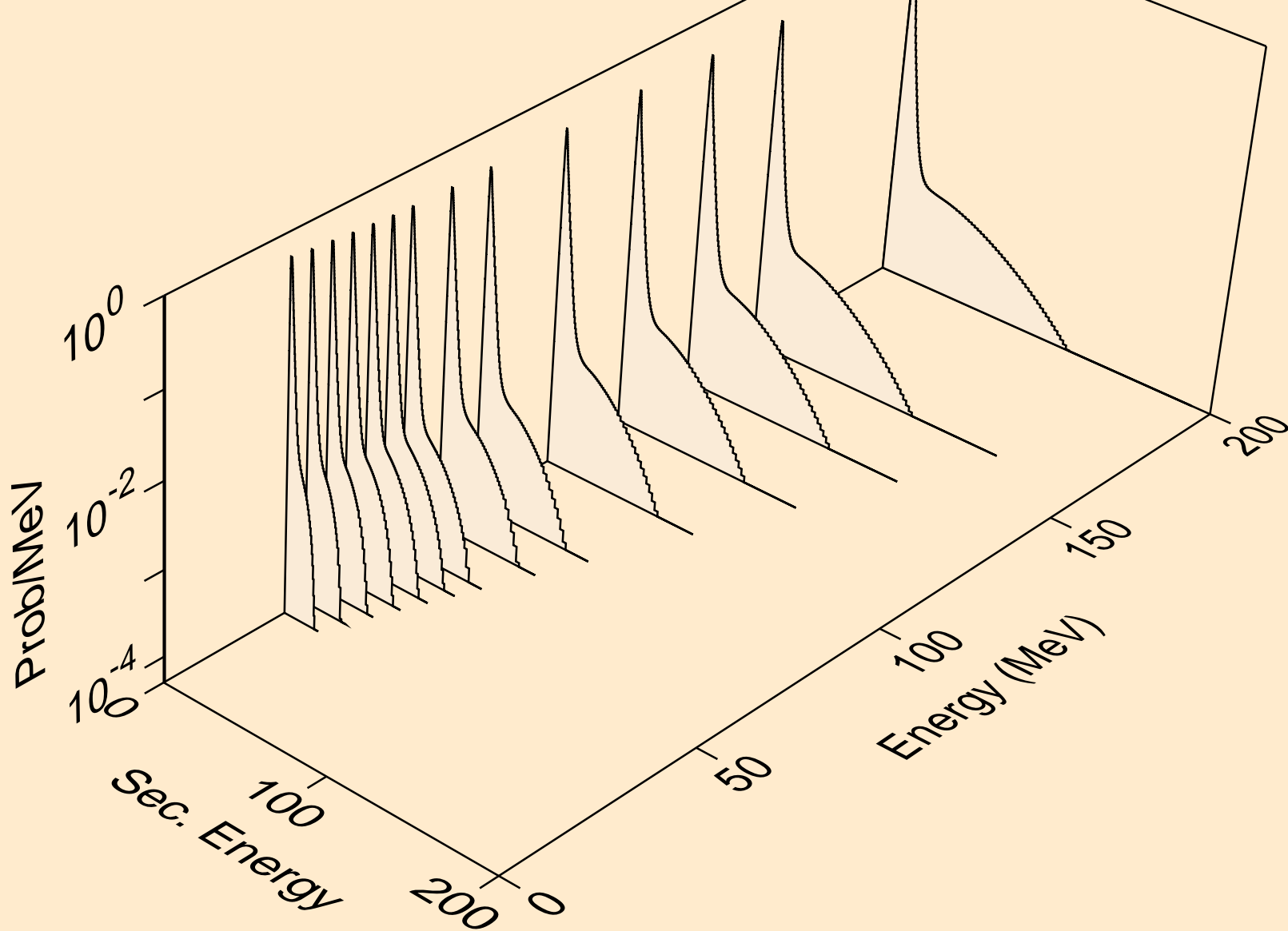
## Particle production cross sections



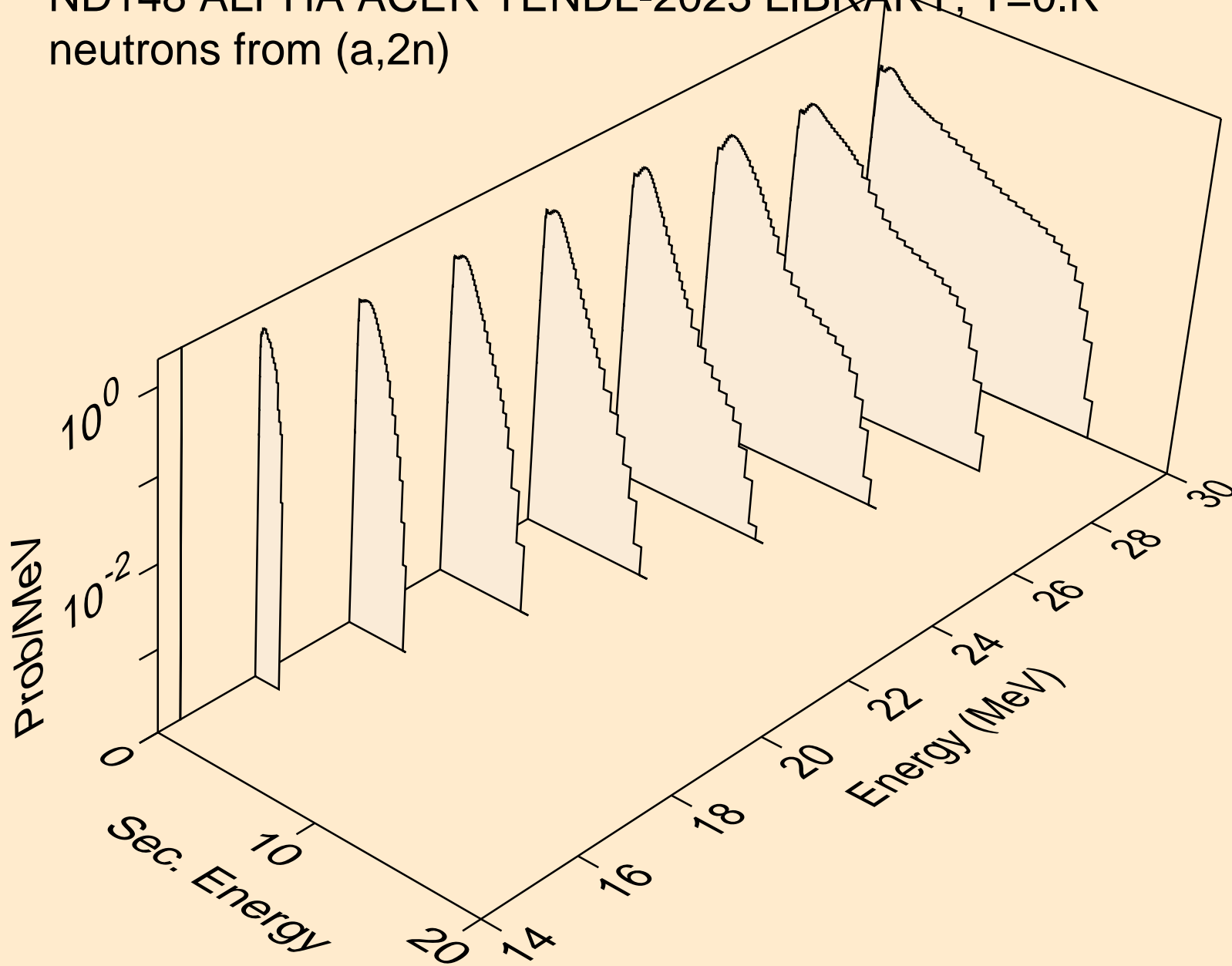
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



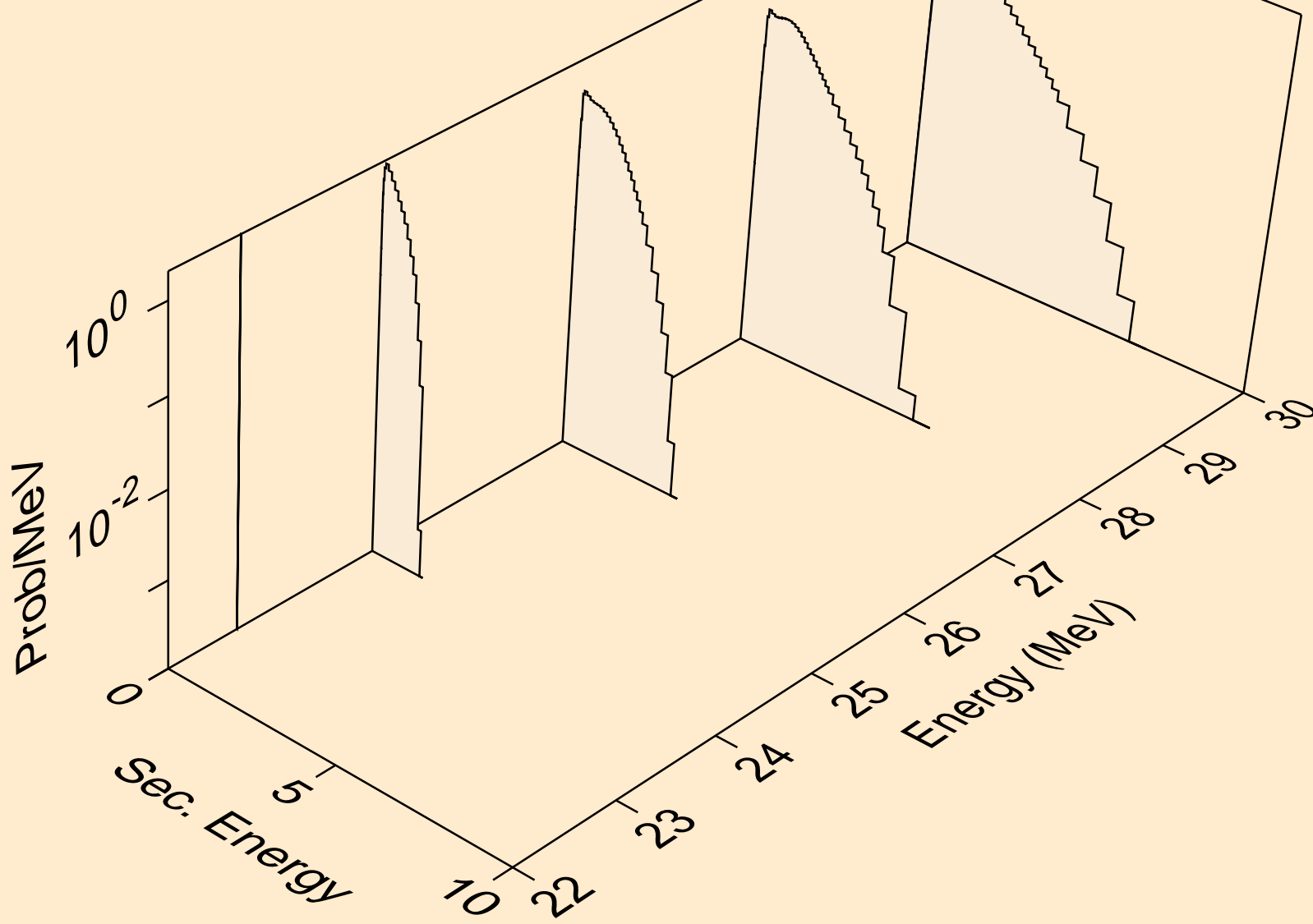
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



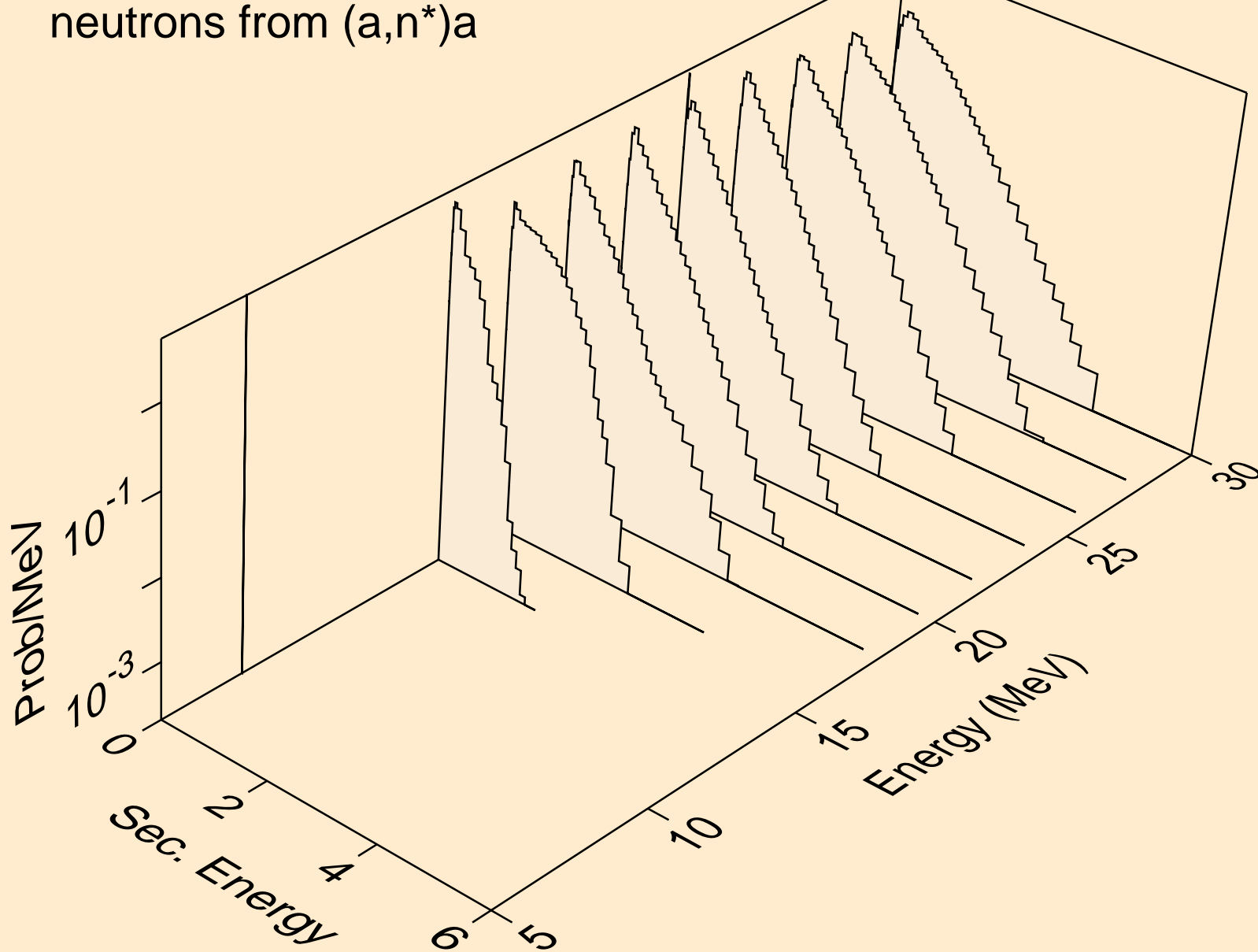
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

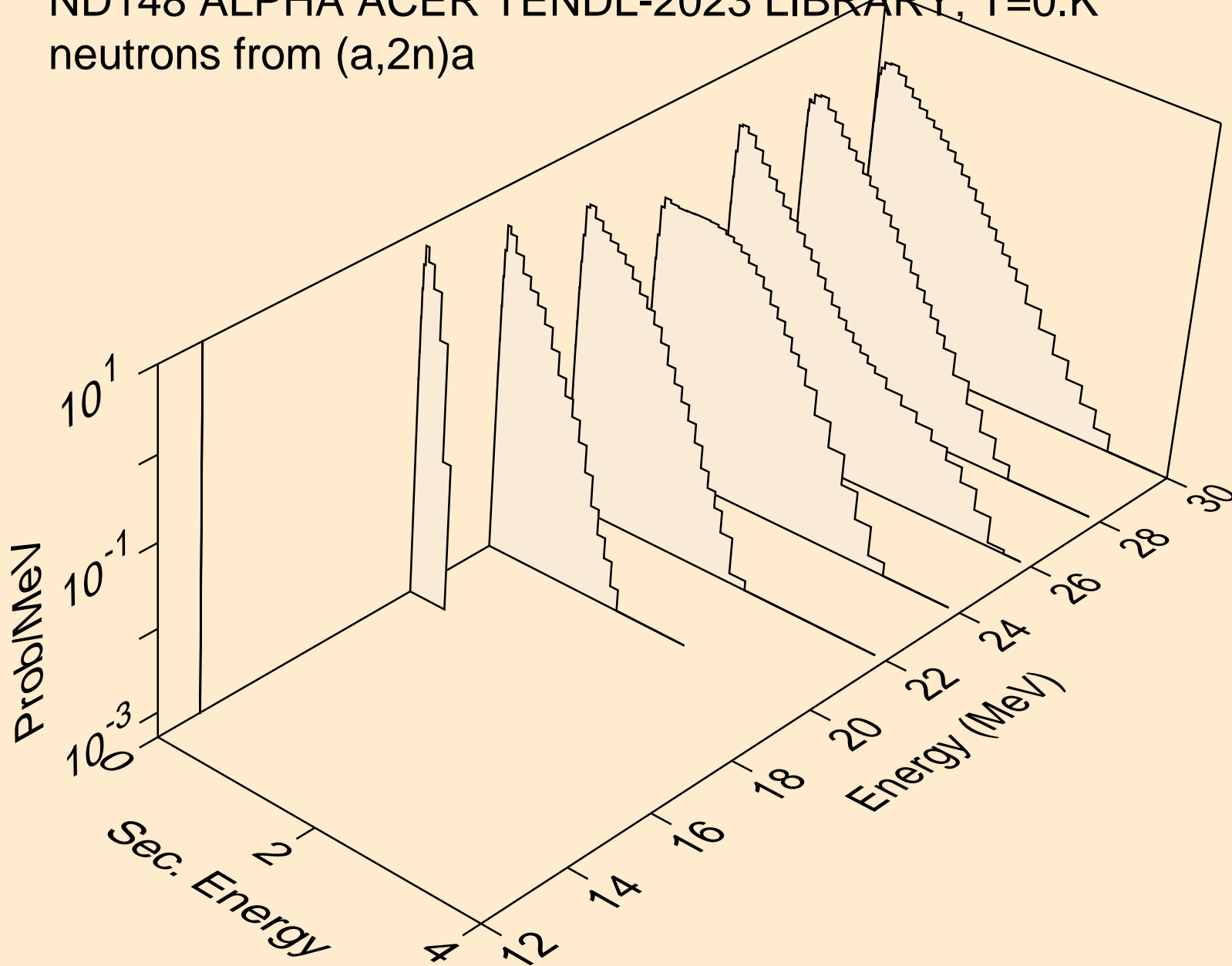


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

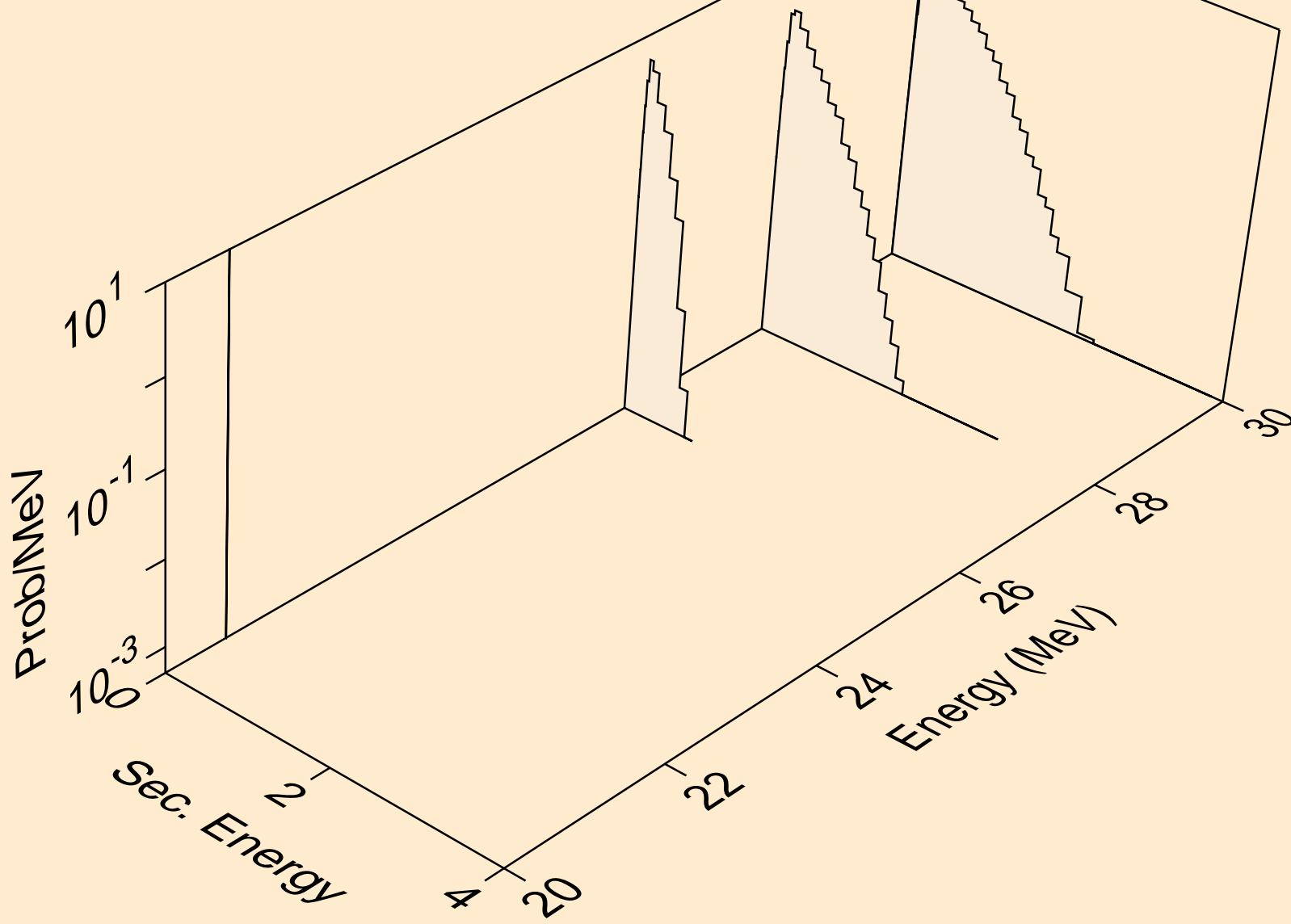




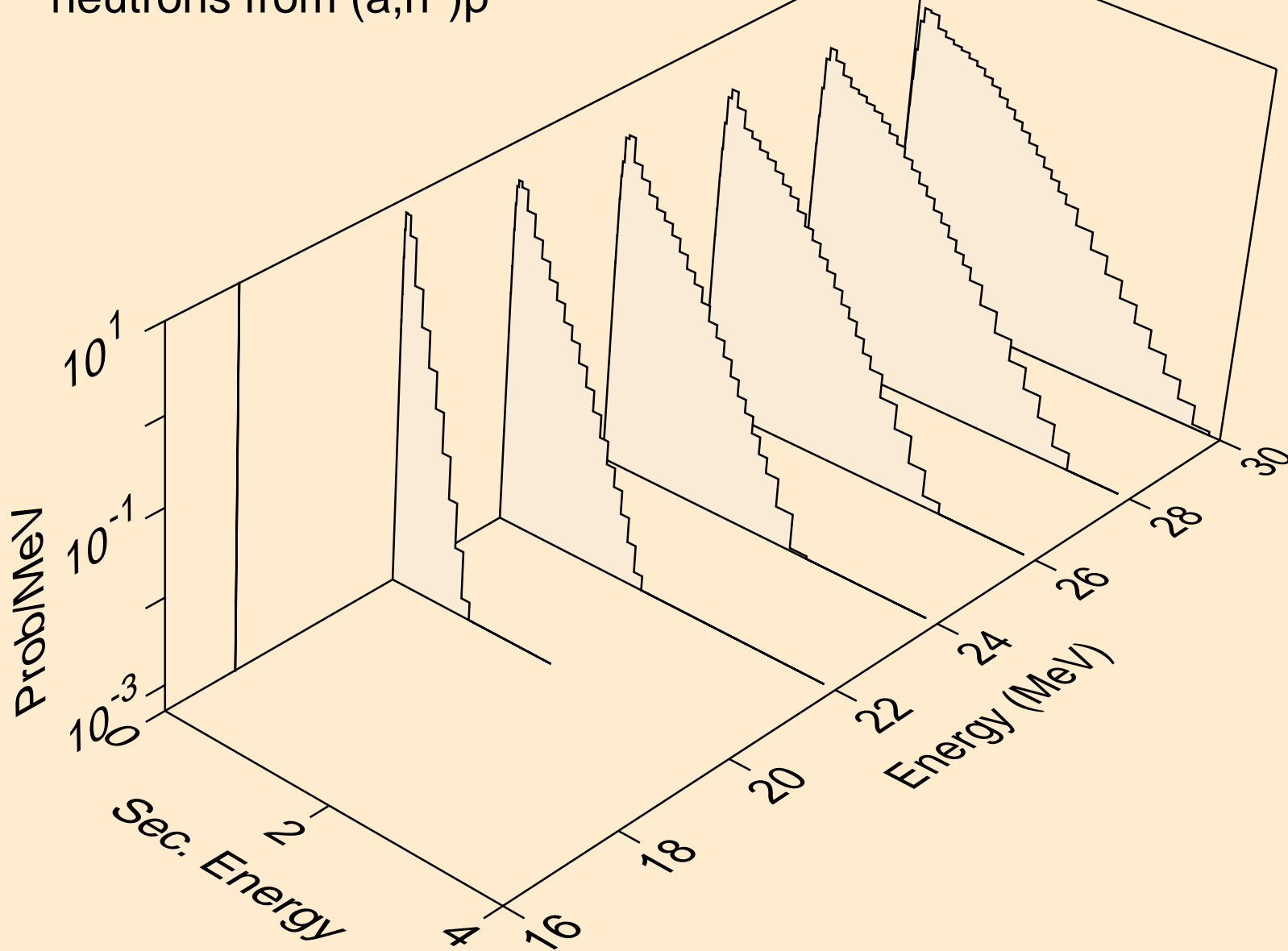
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



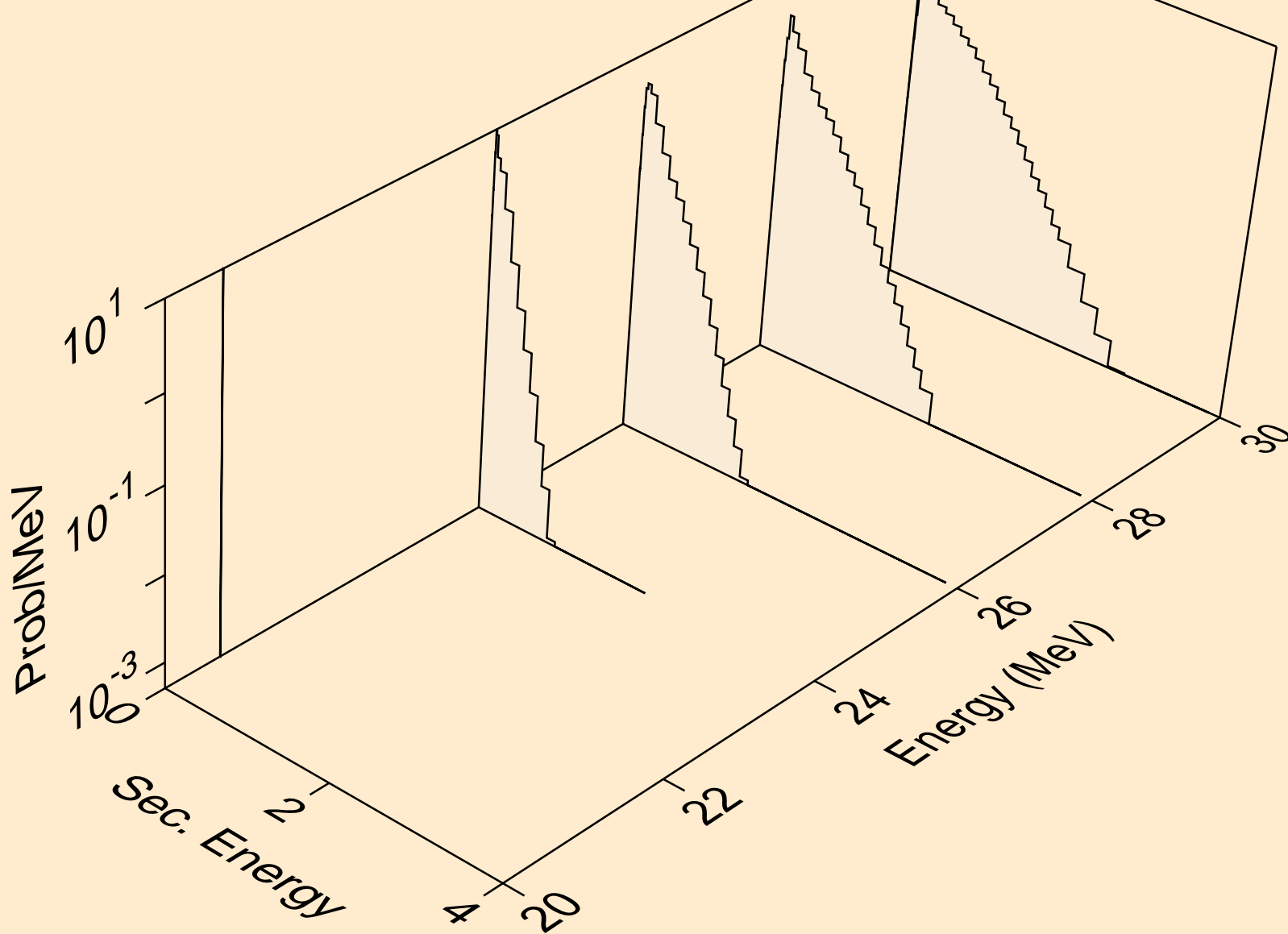
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



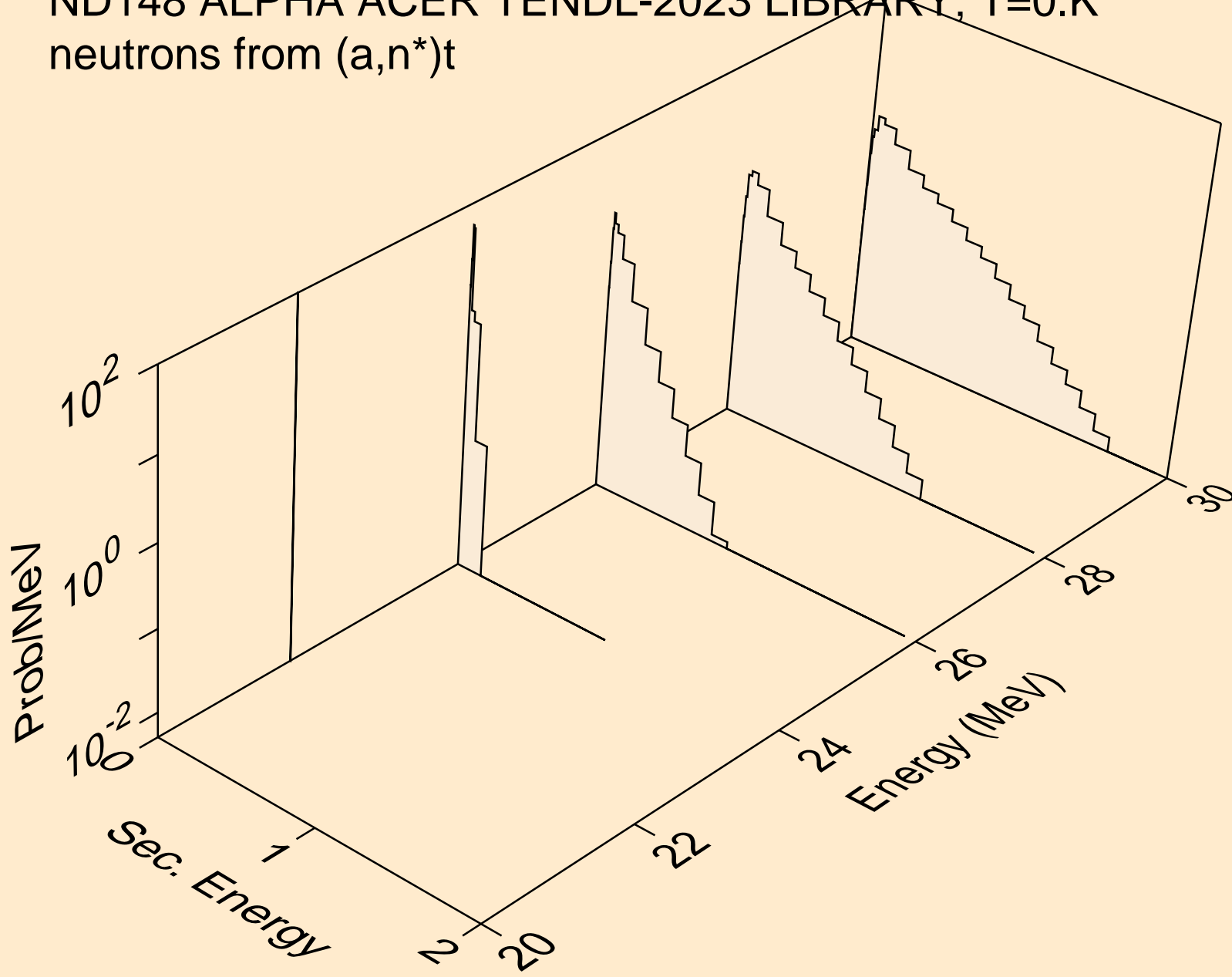
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



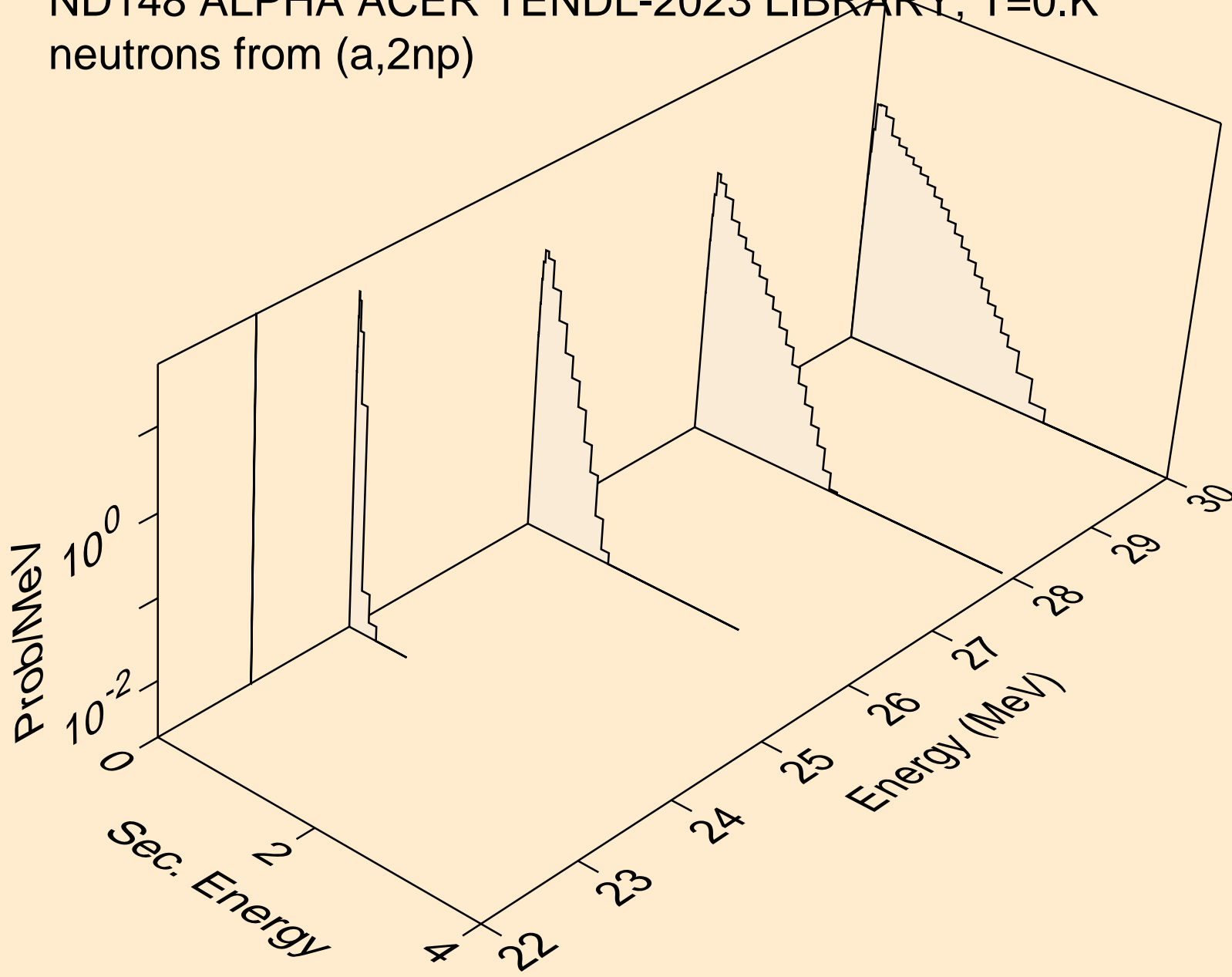
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



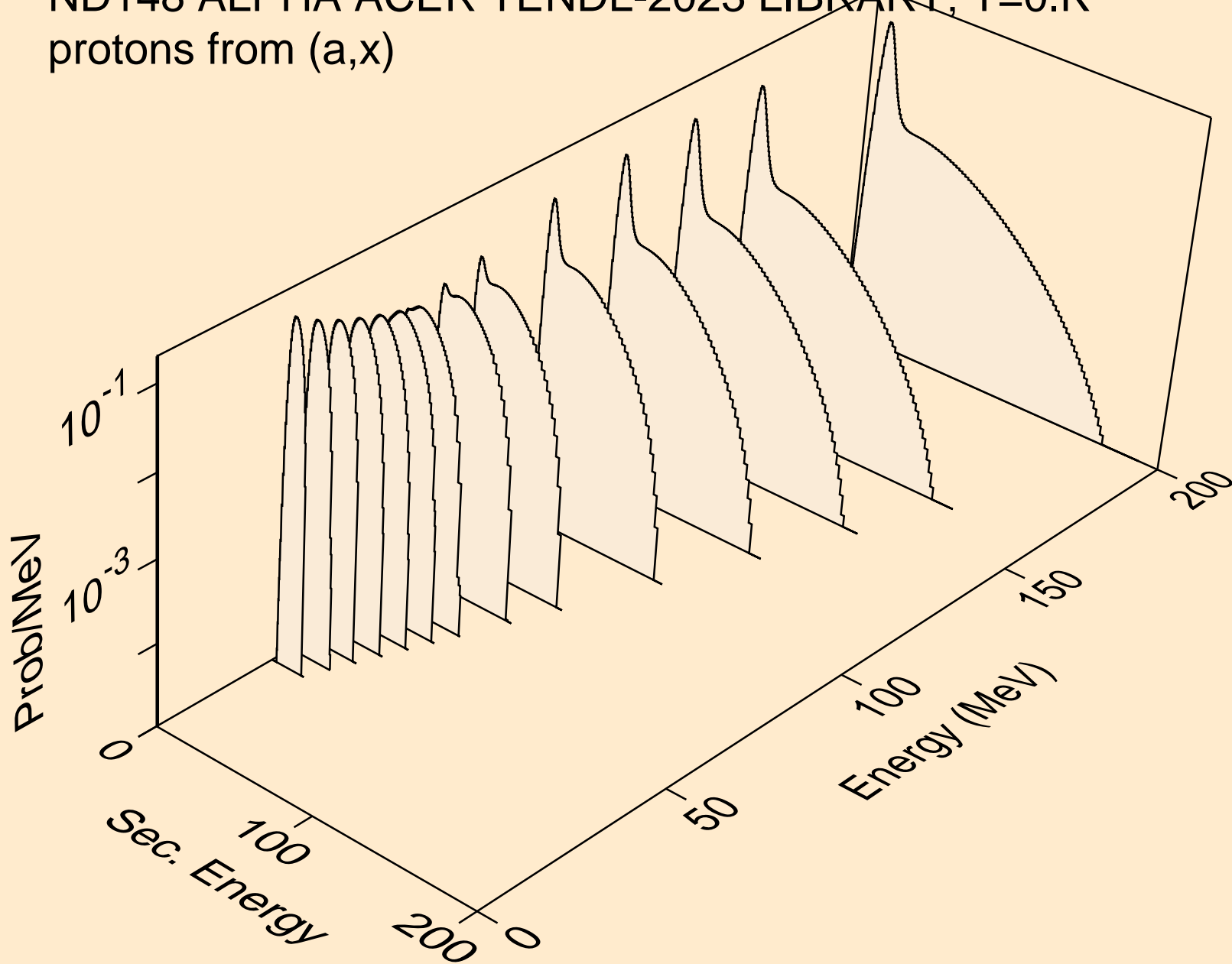
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



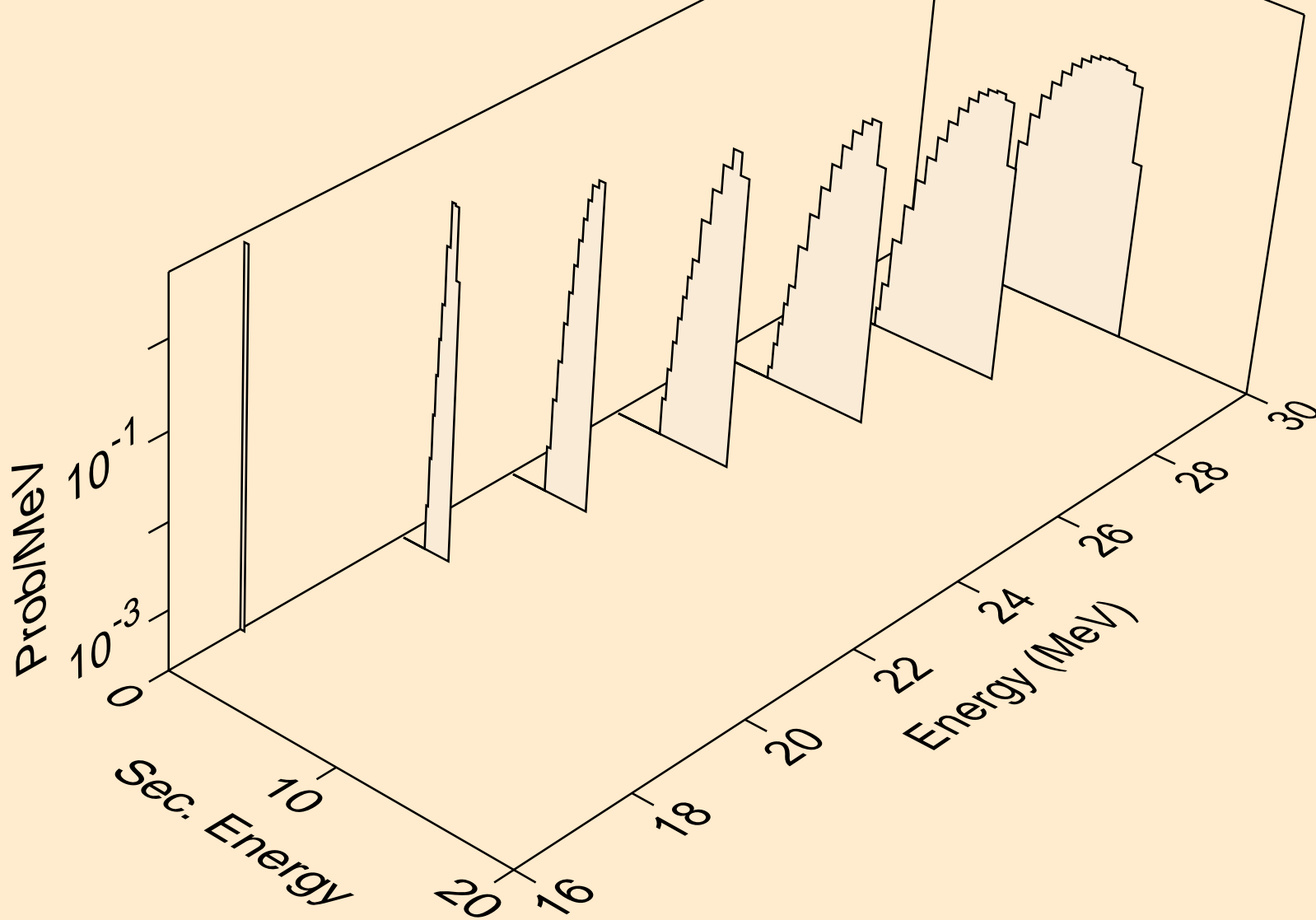
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

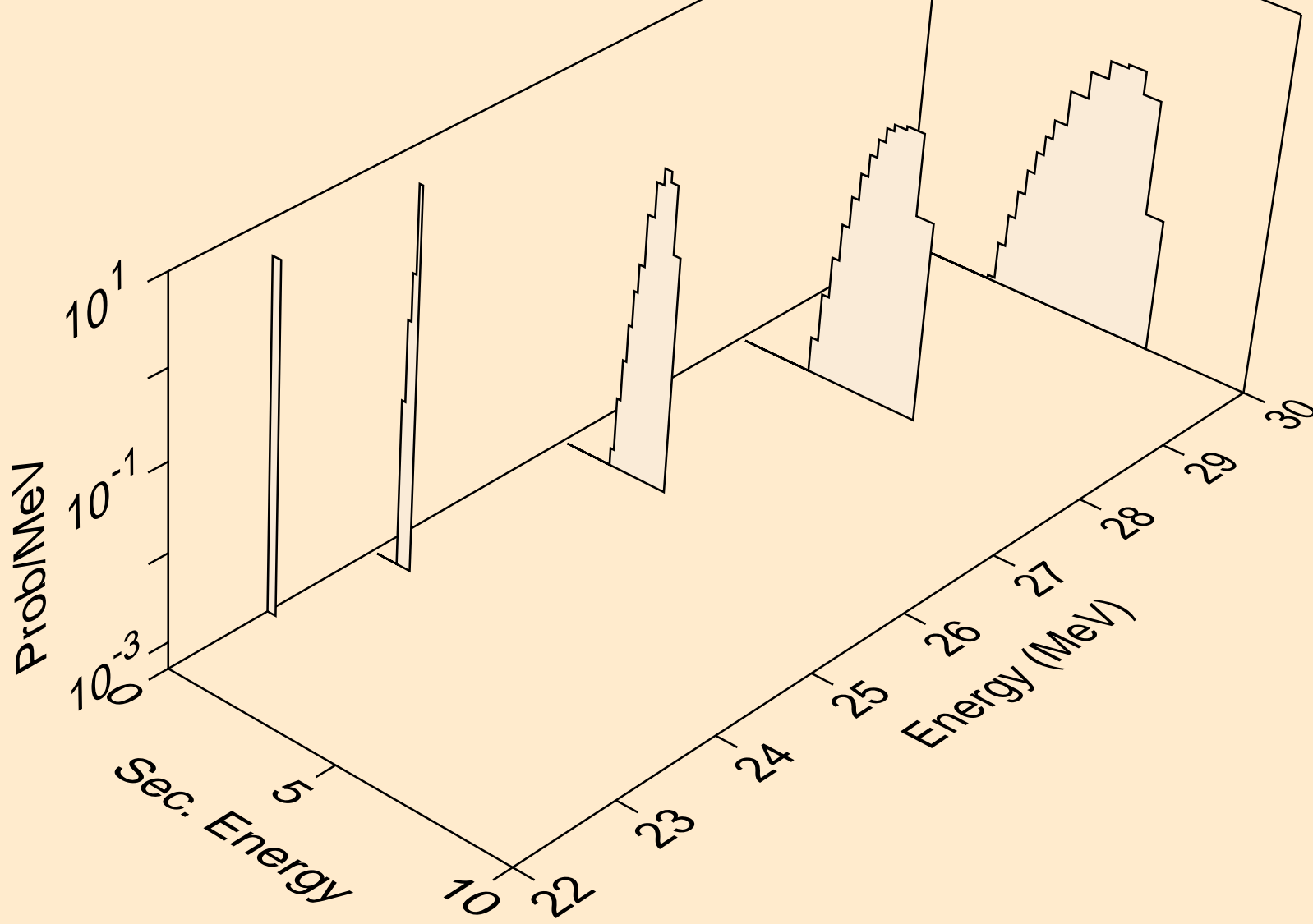


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

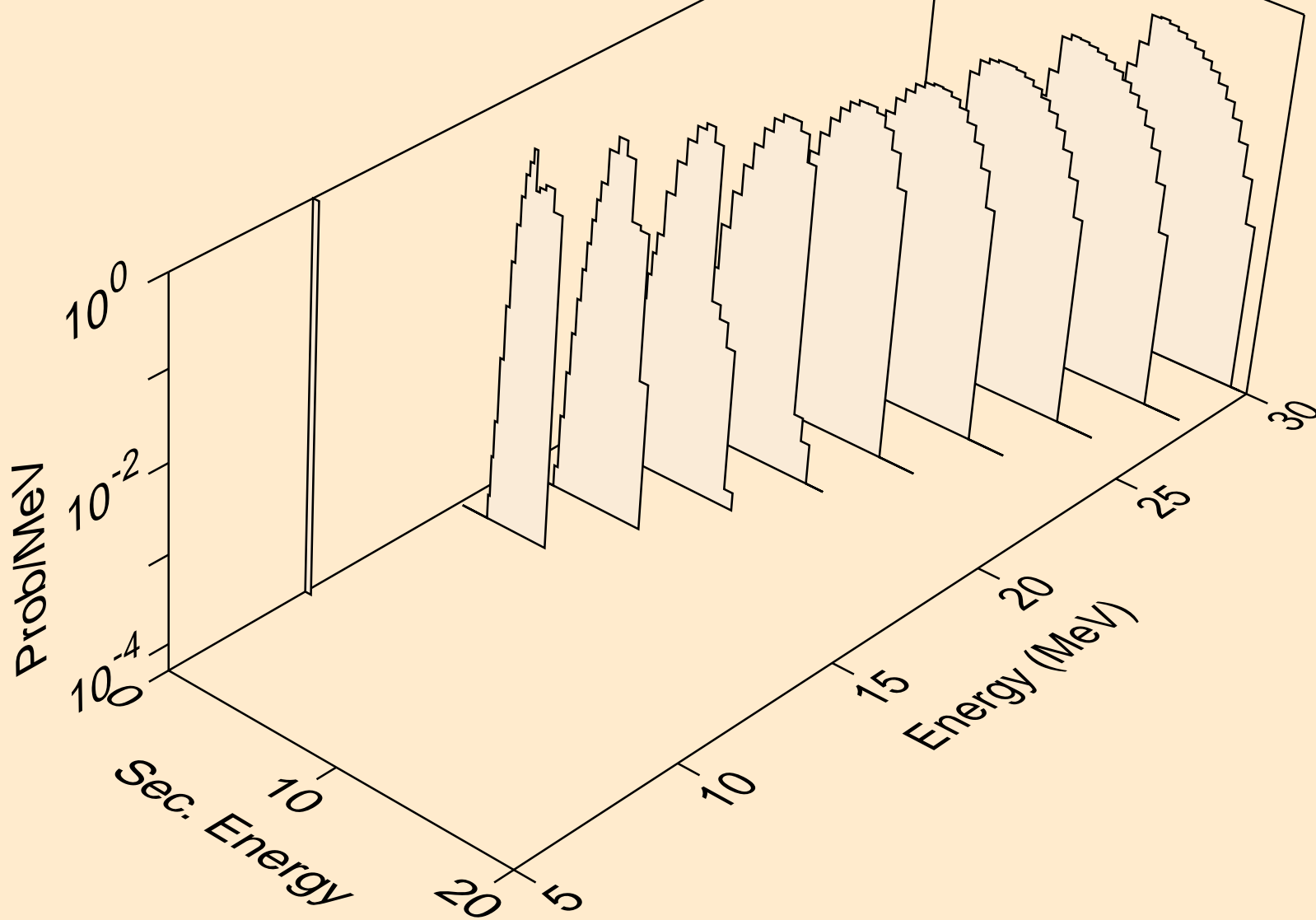




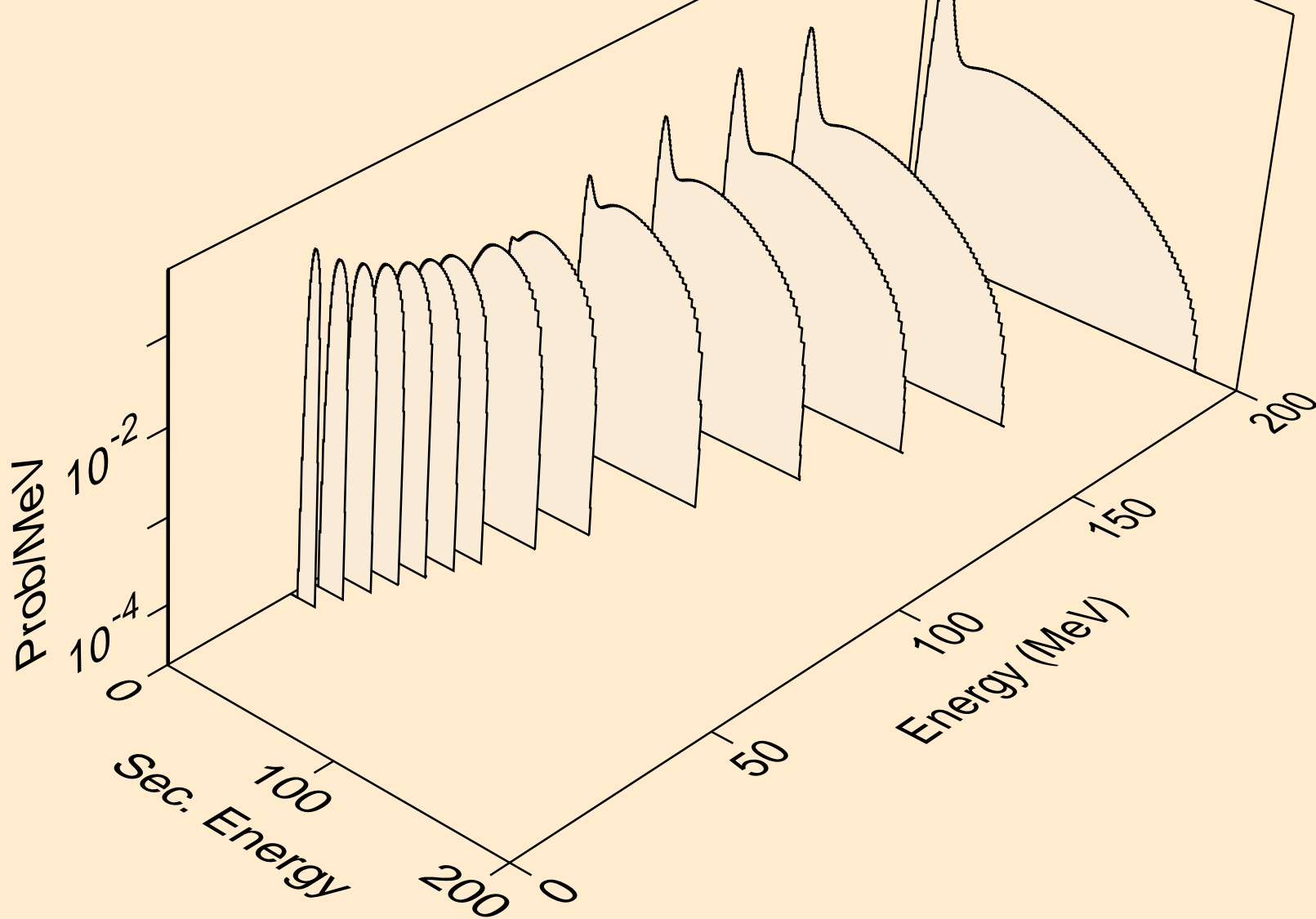
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



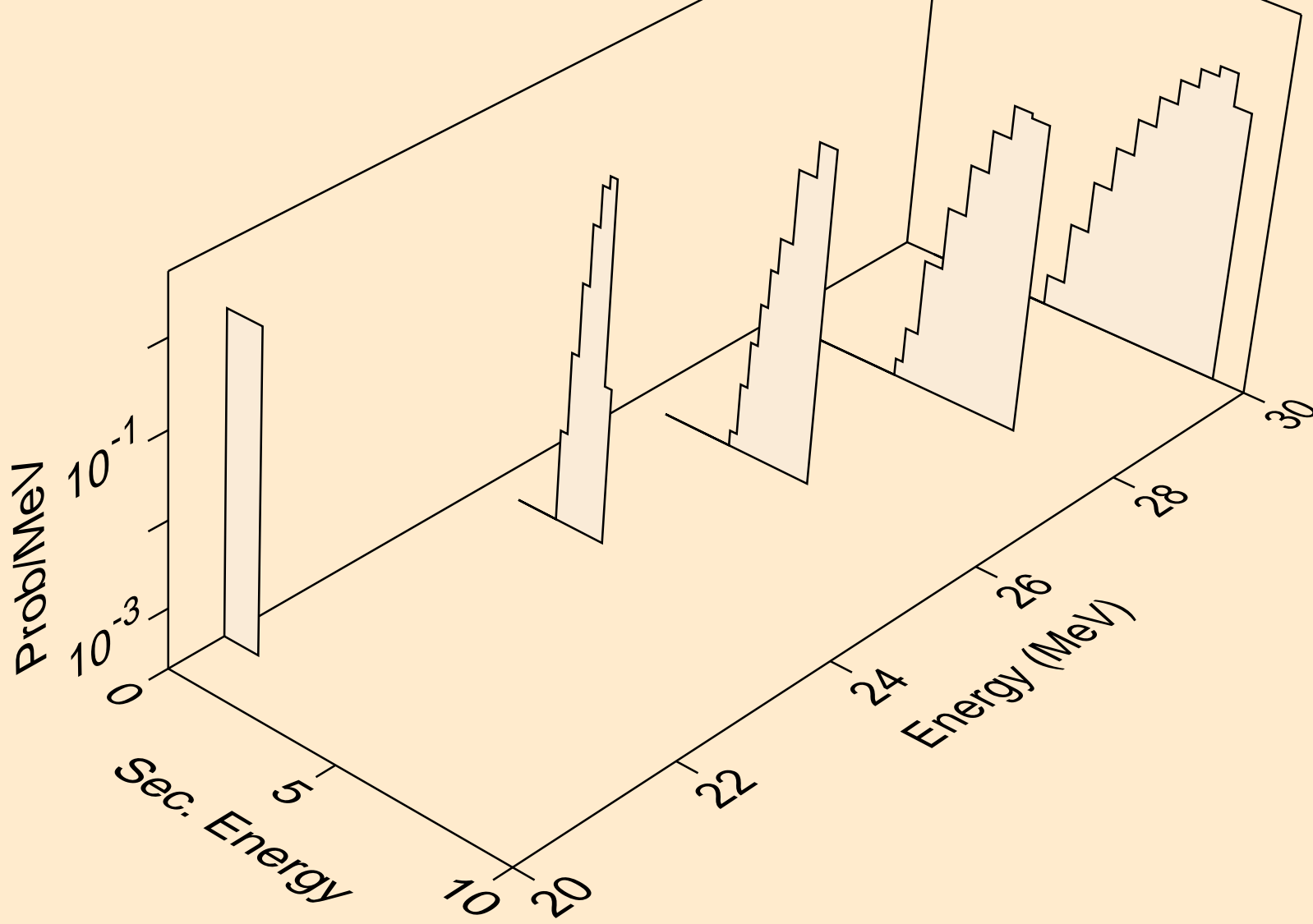
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



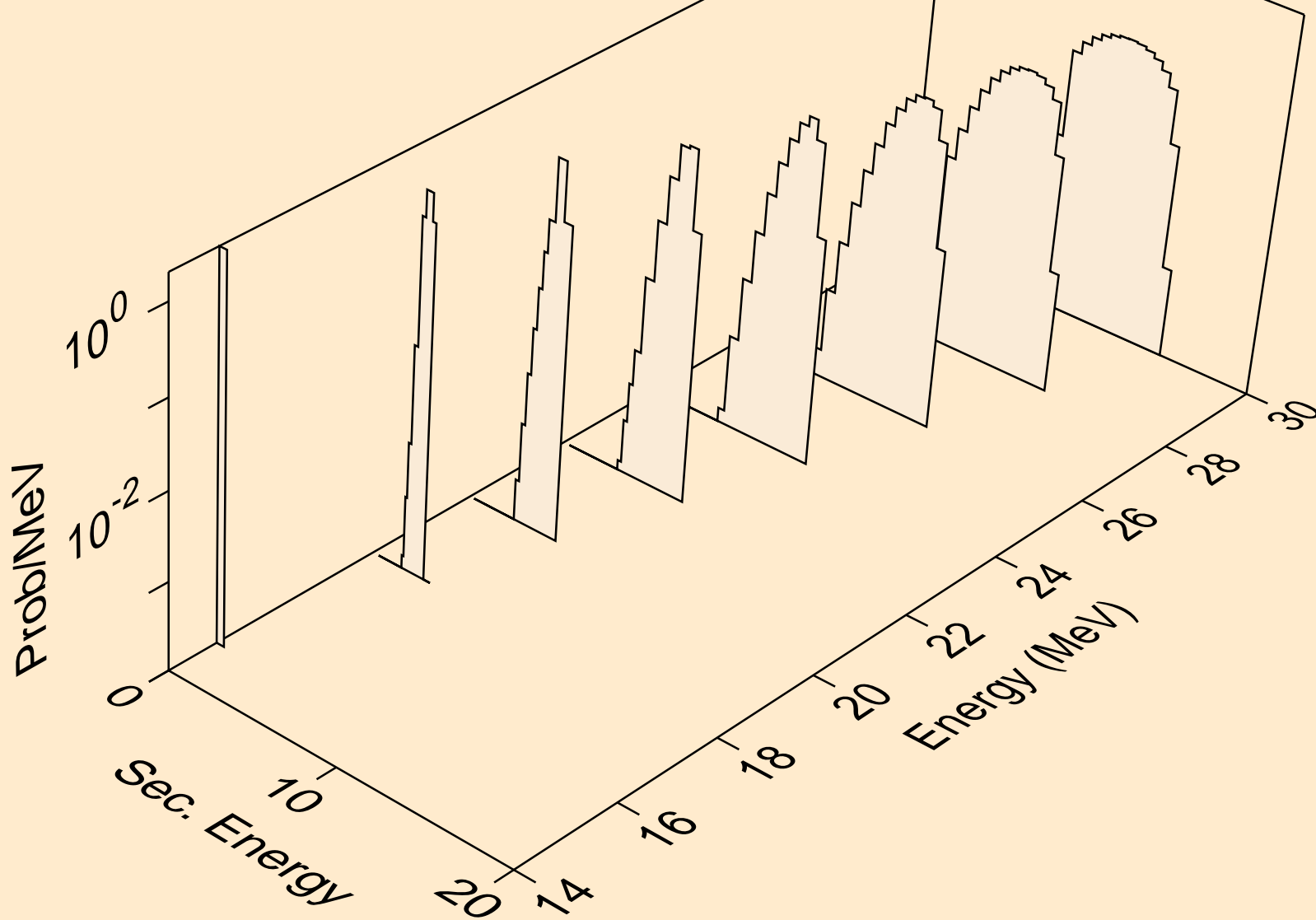
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



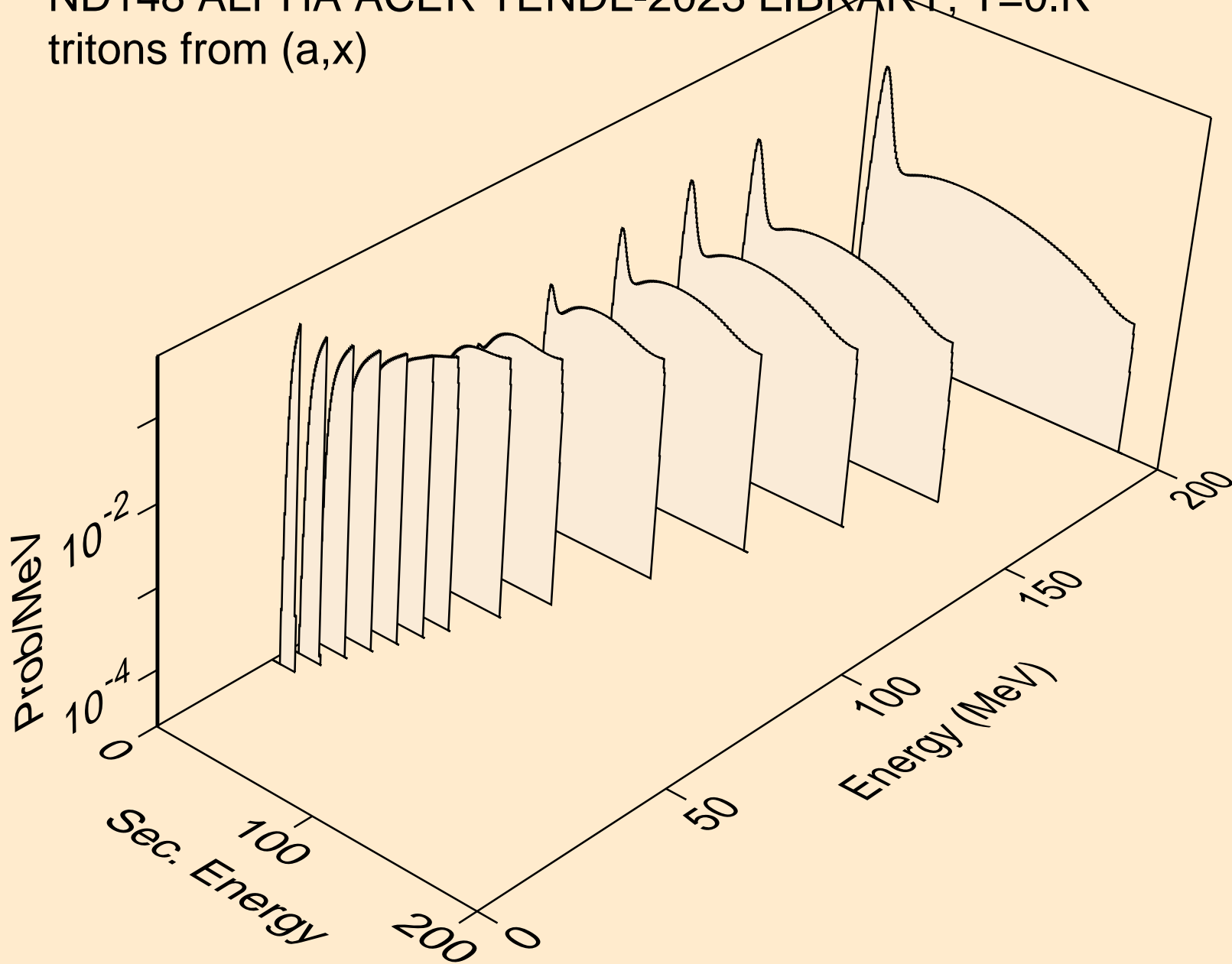
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



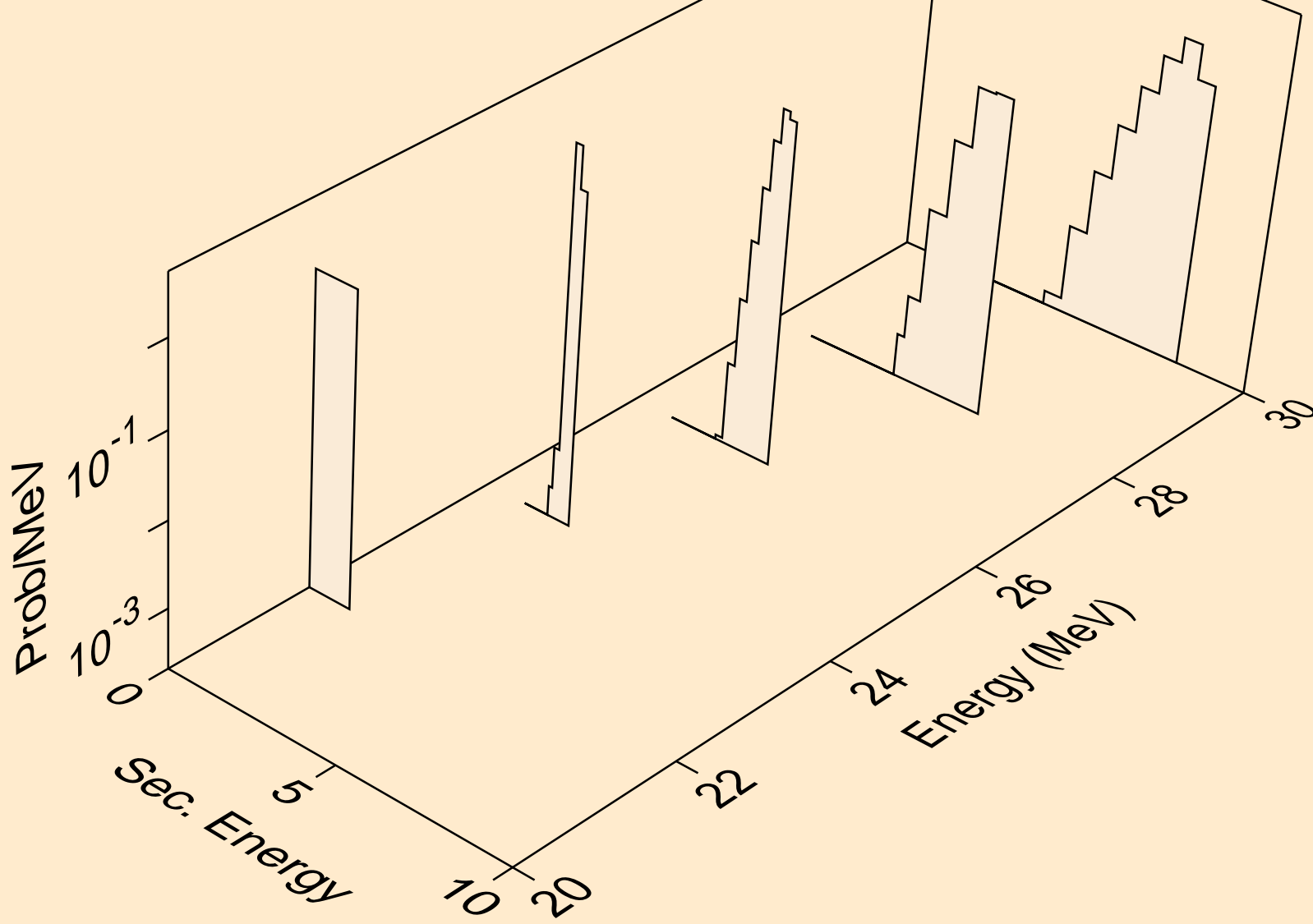
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



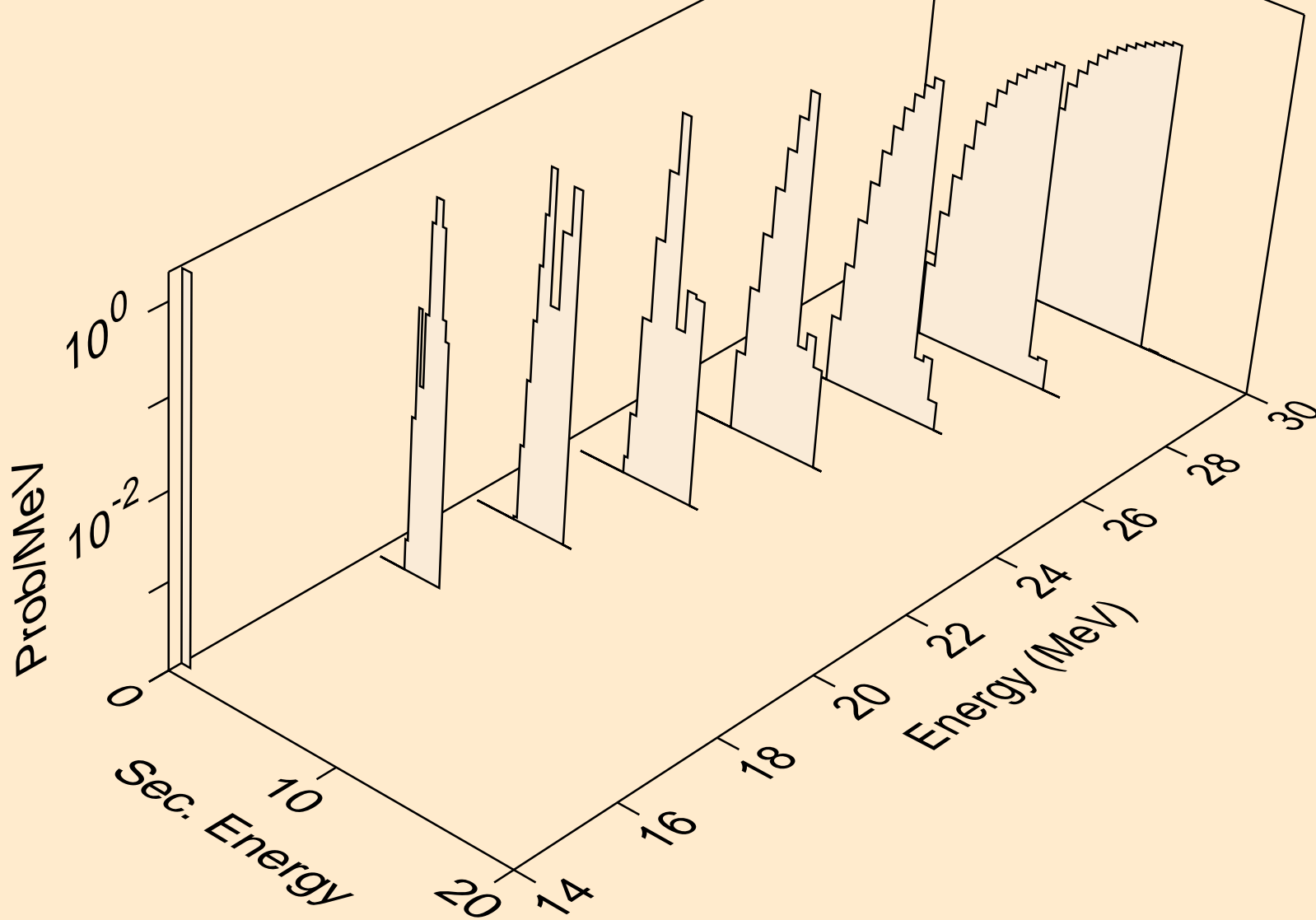
ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

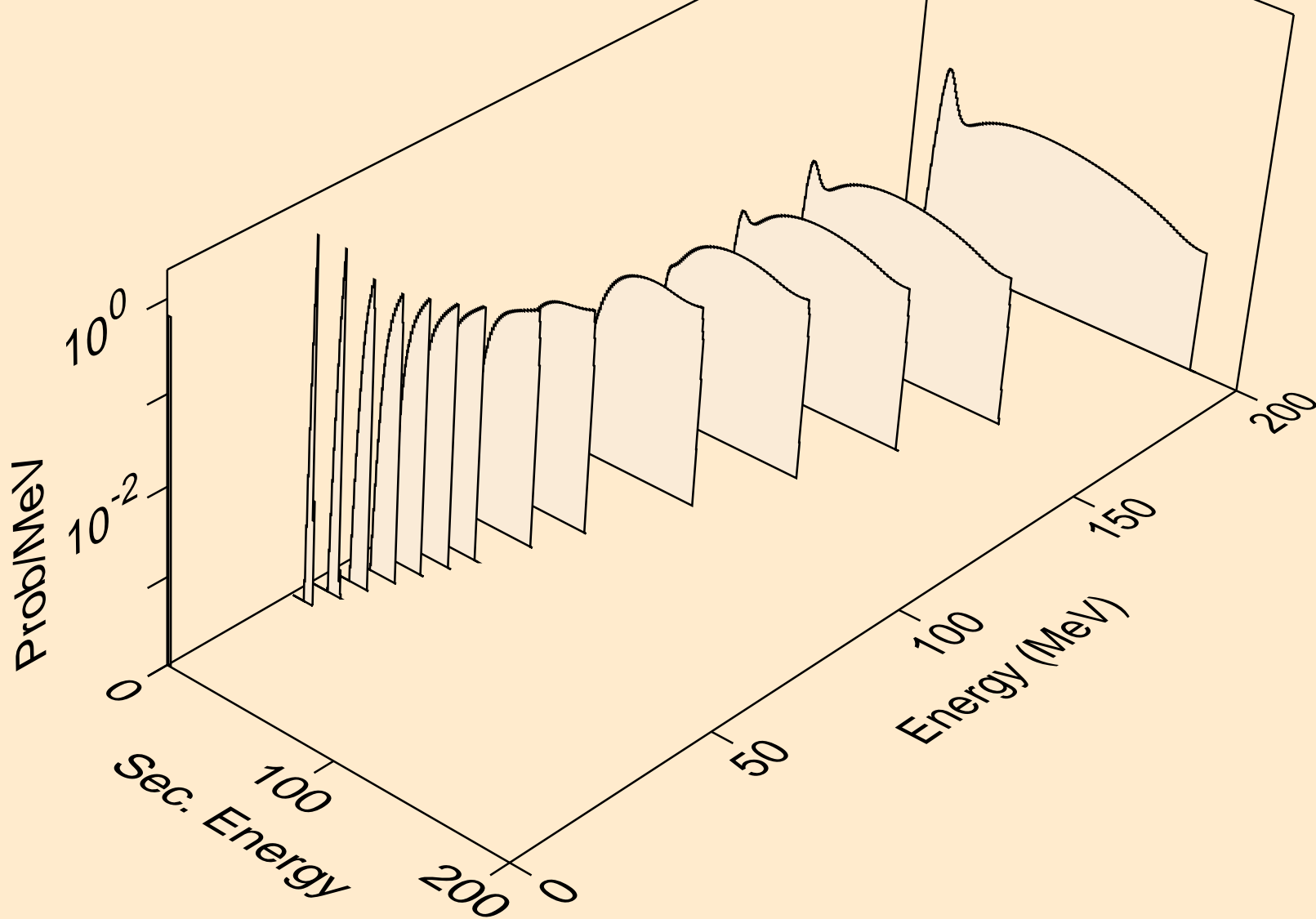


ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



ND148 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

