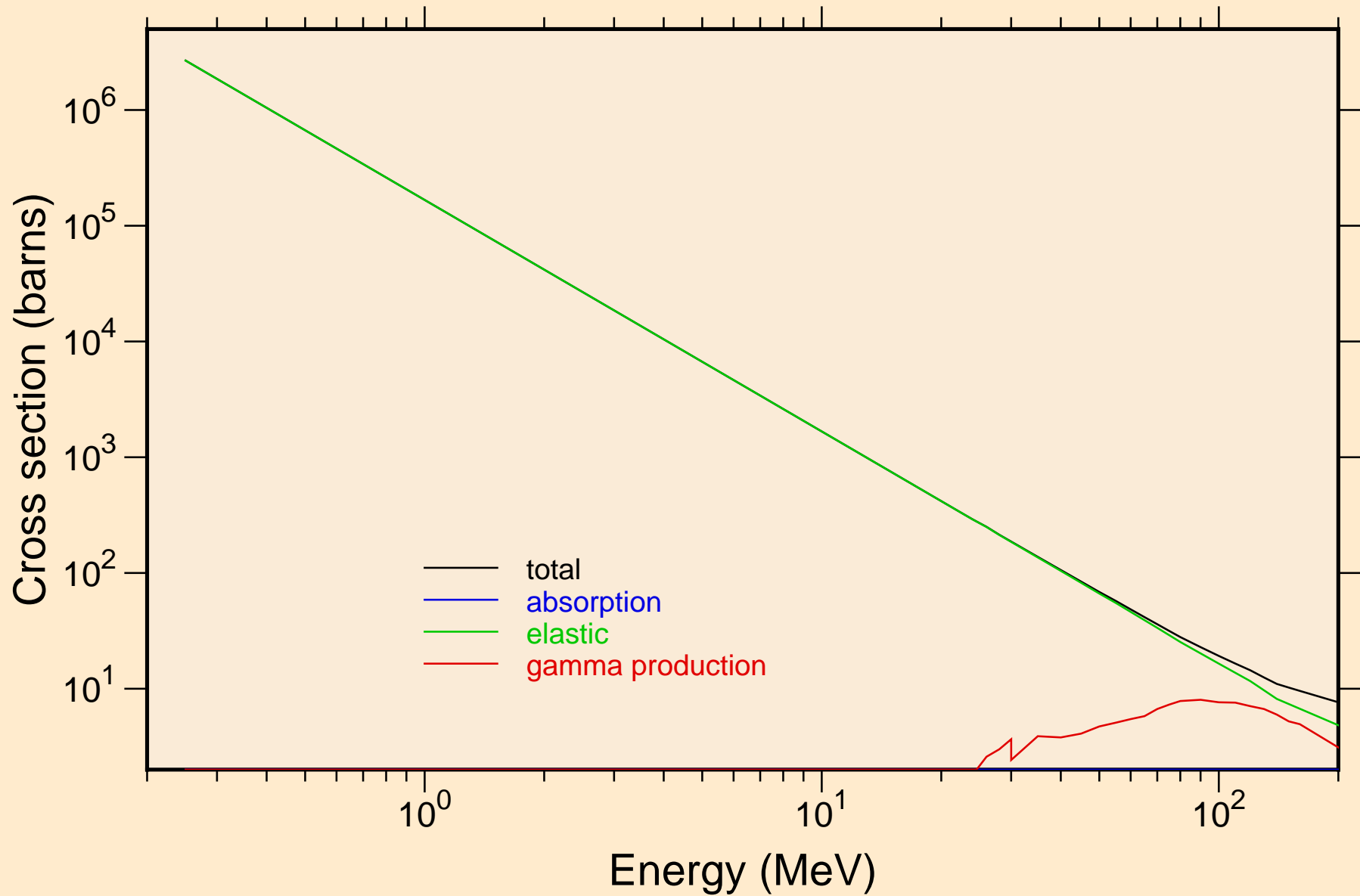
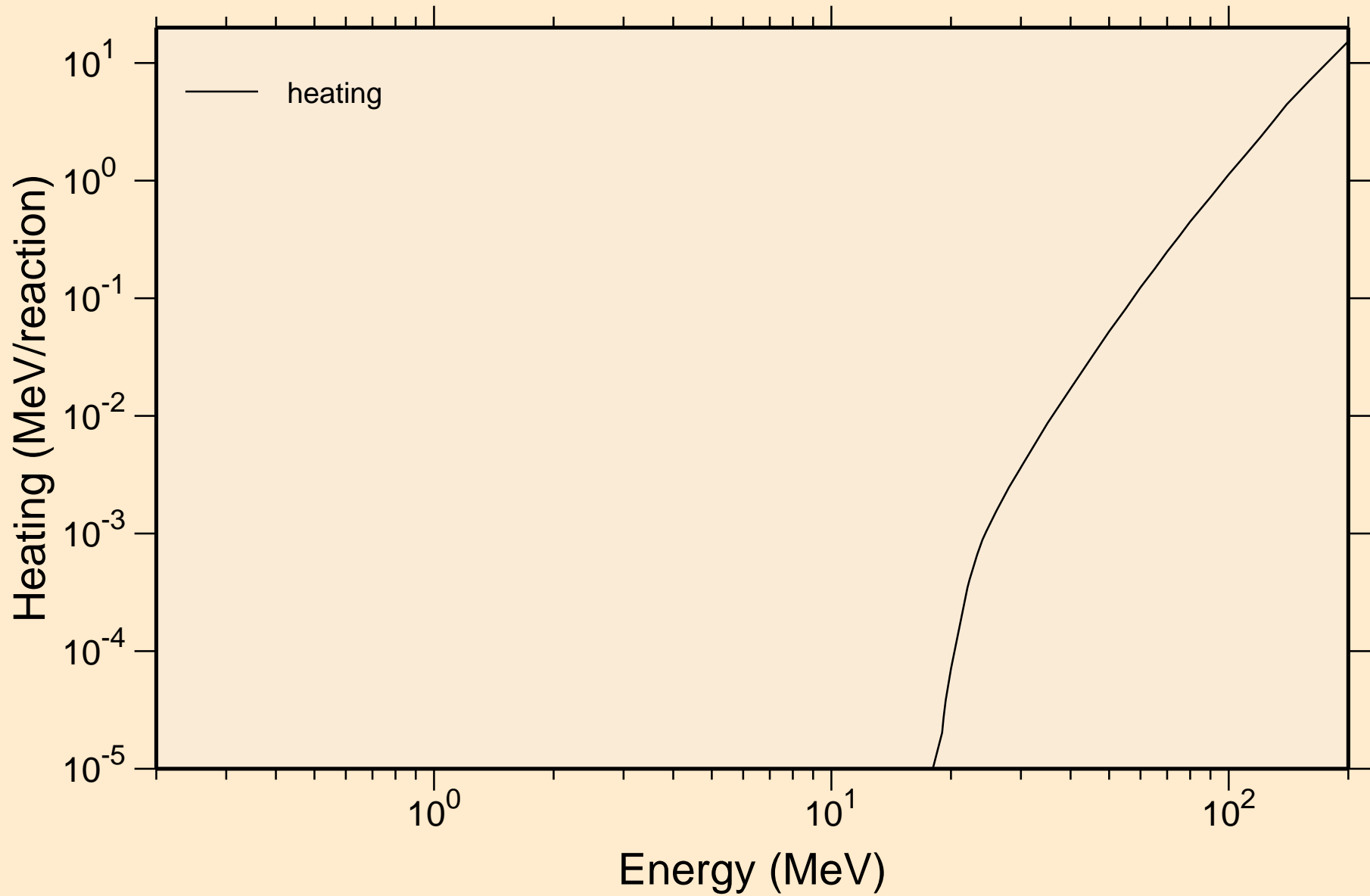


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



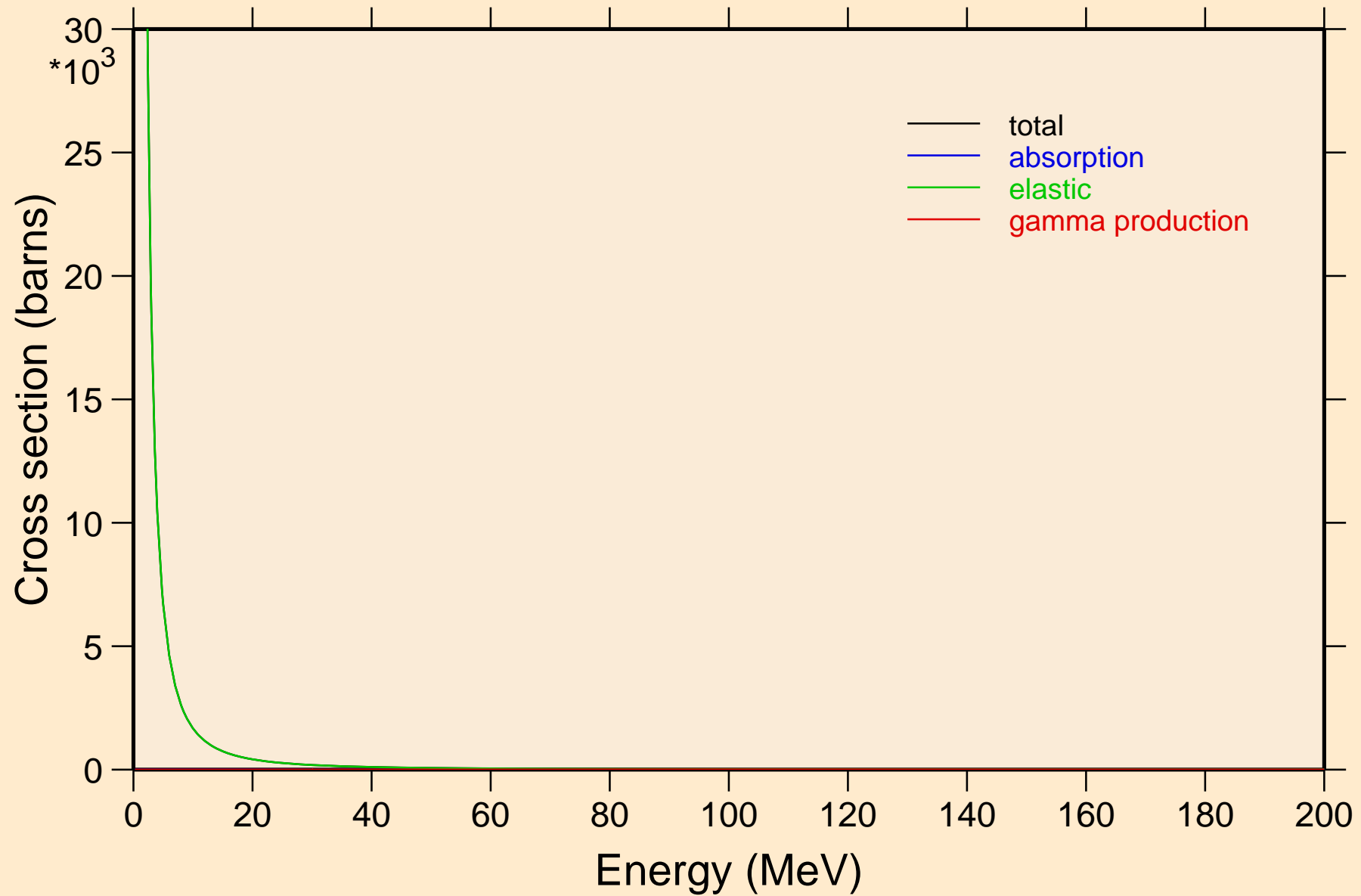
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



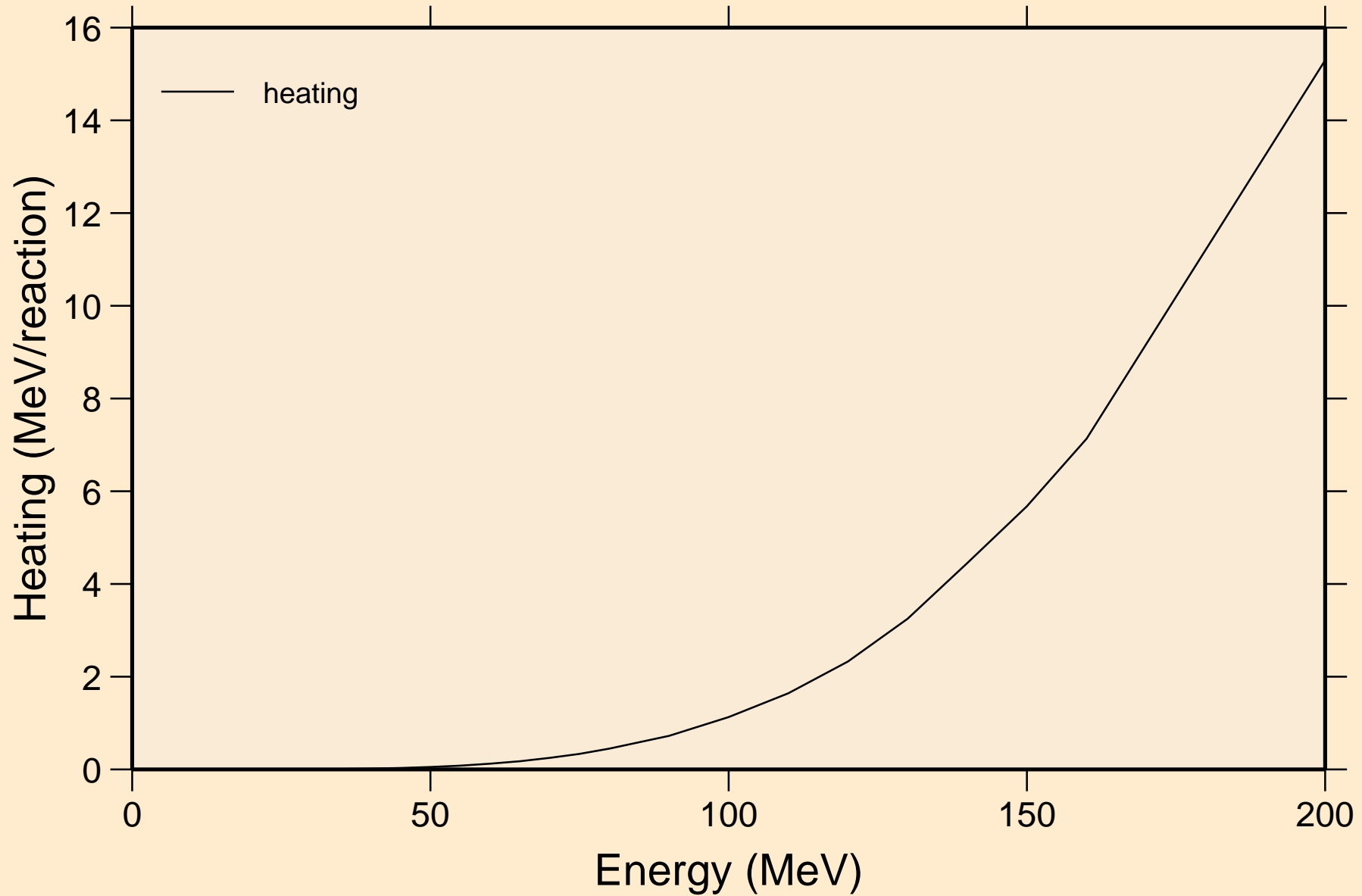
# TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



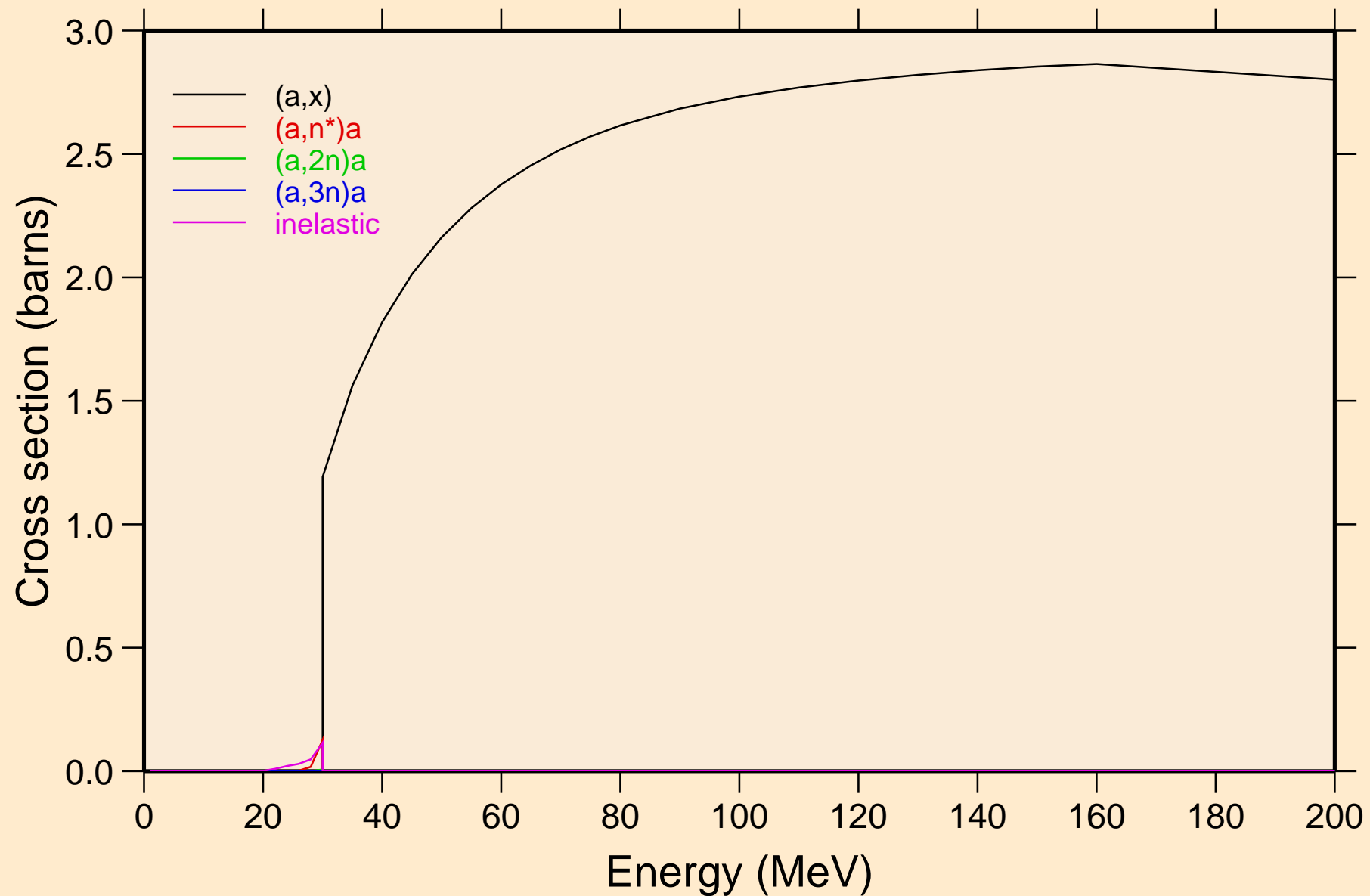
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

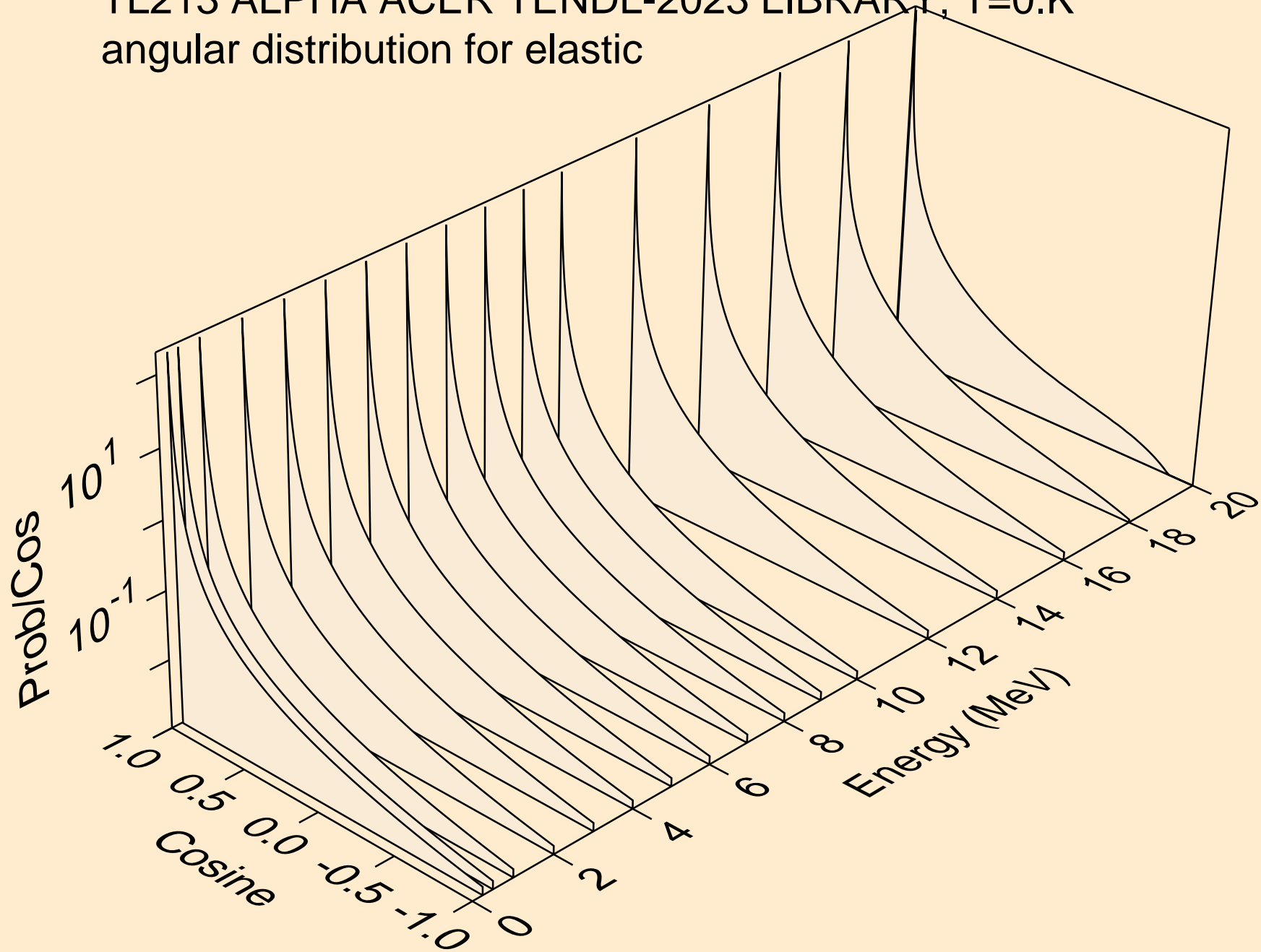


# TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

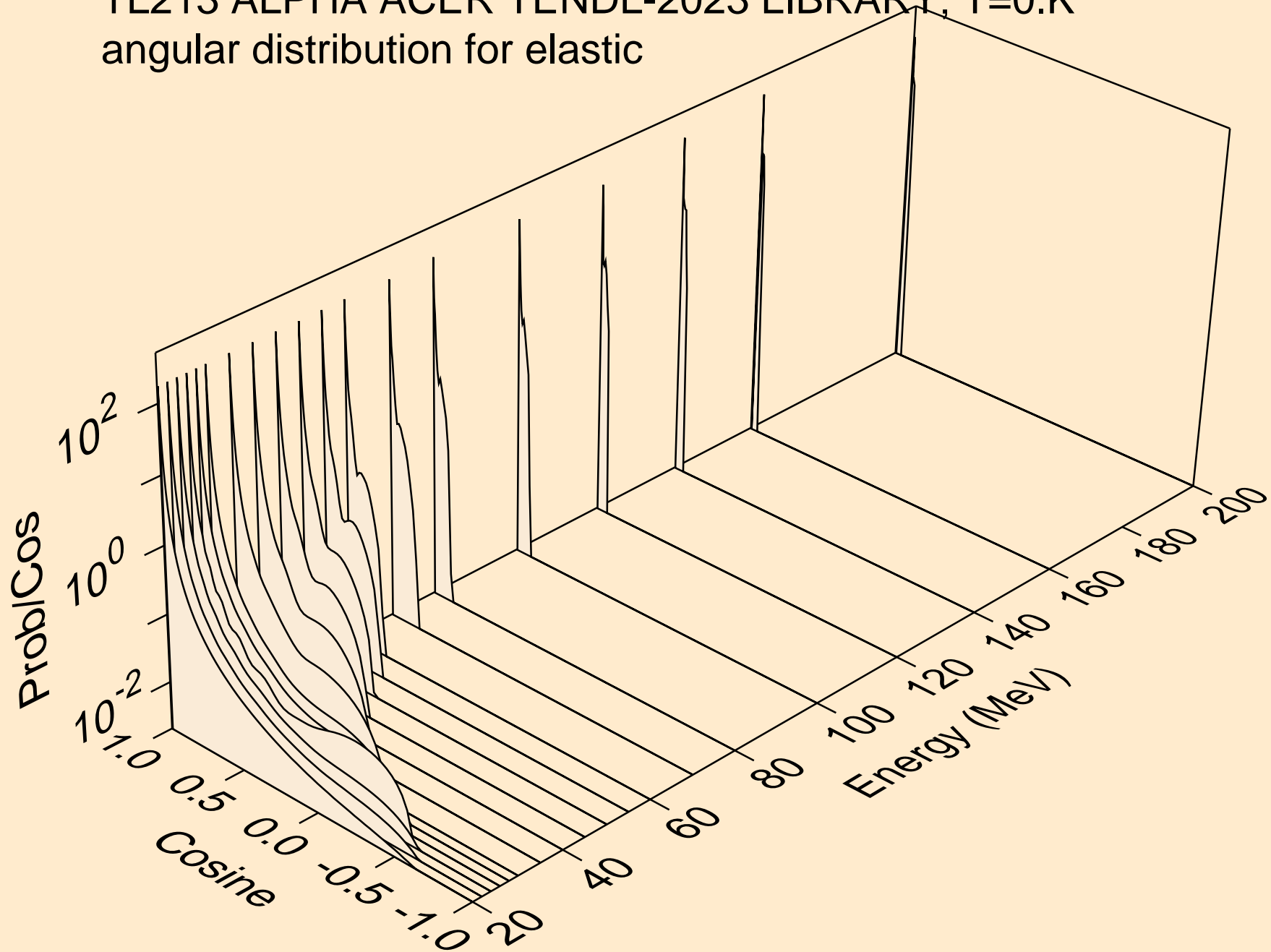
## Threshold reactions



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

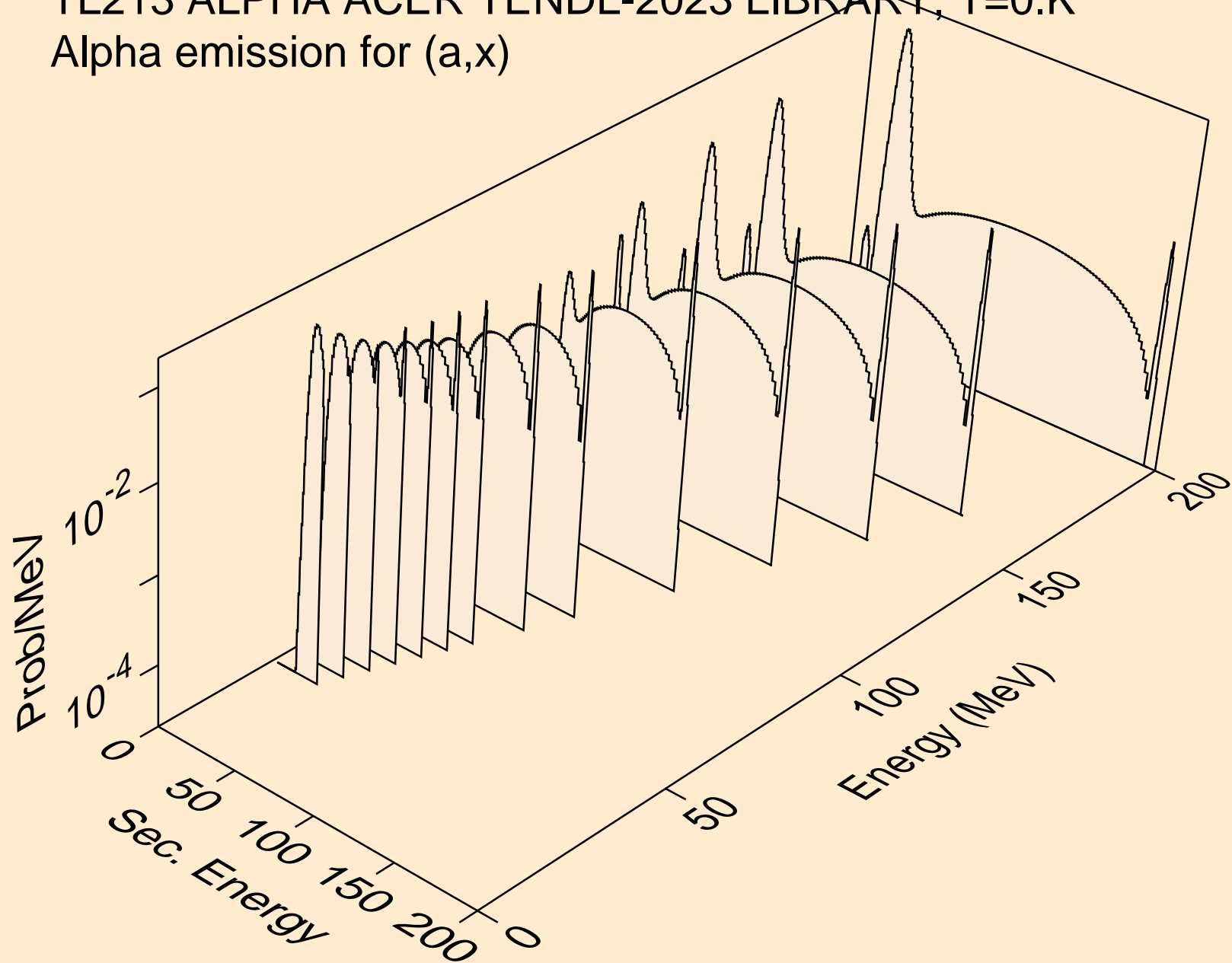


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

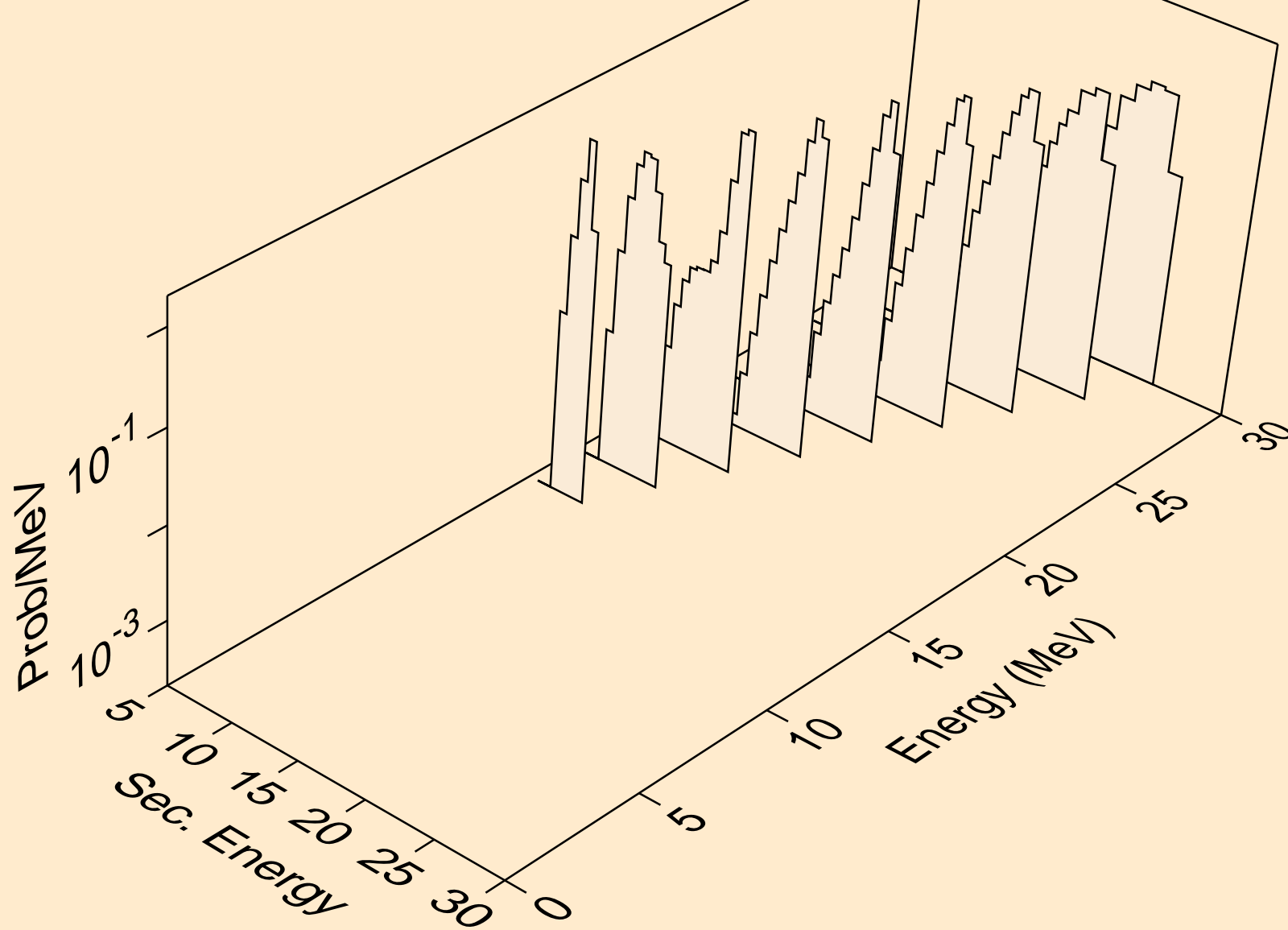


# TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

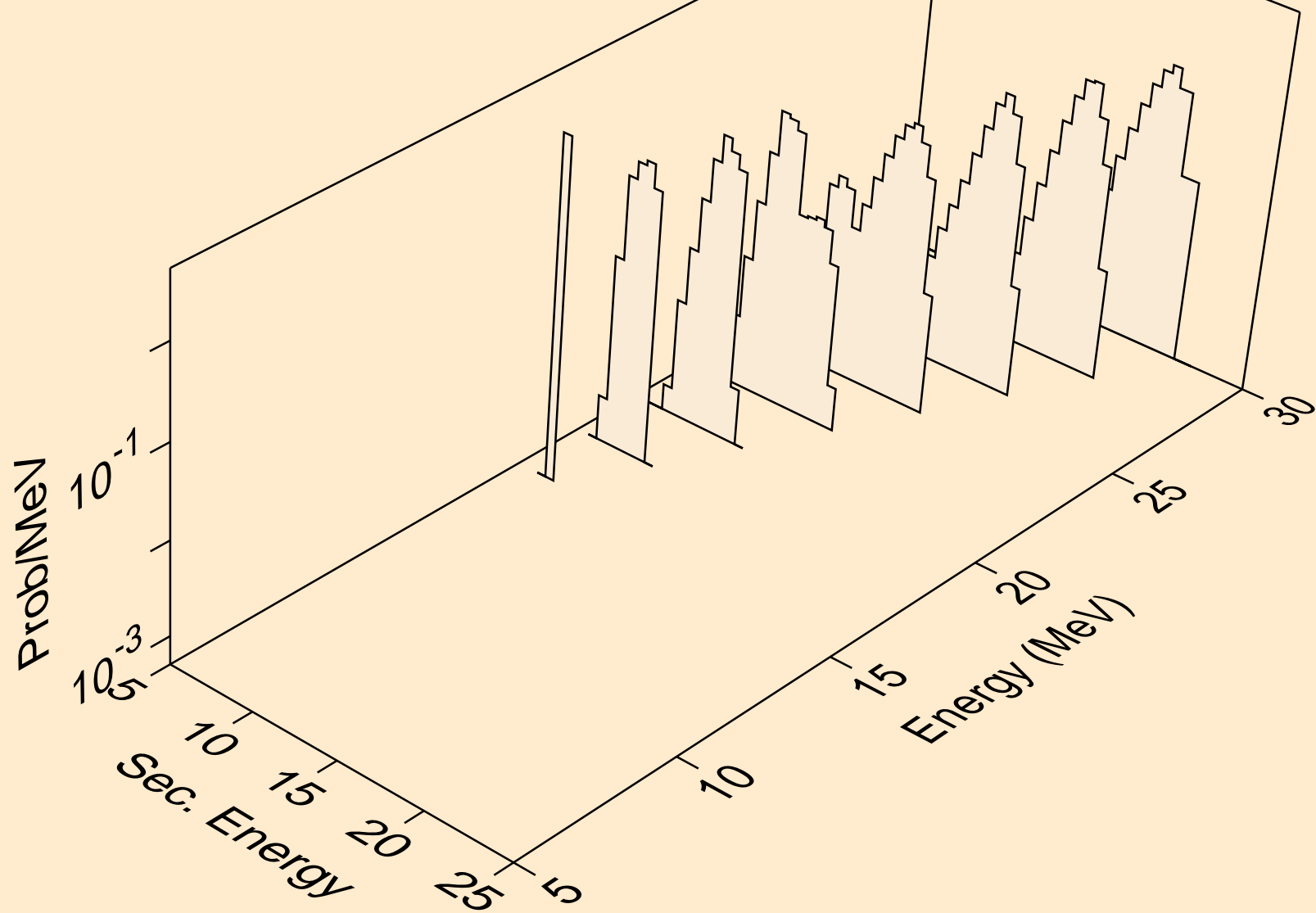
Alpha emission for (a,x)



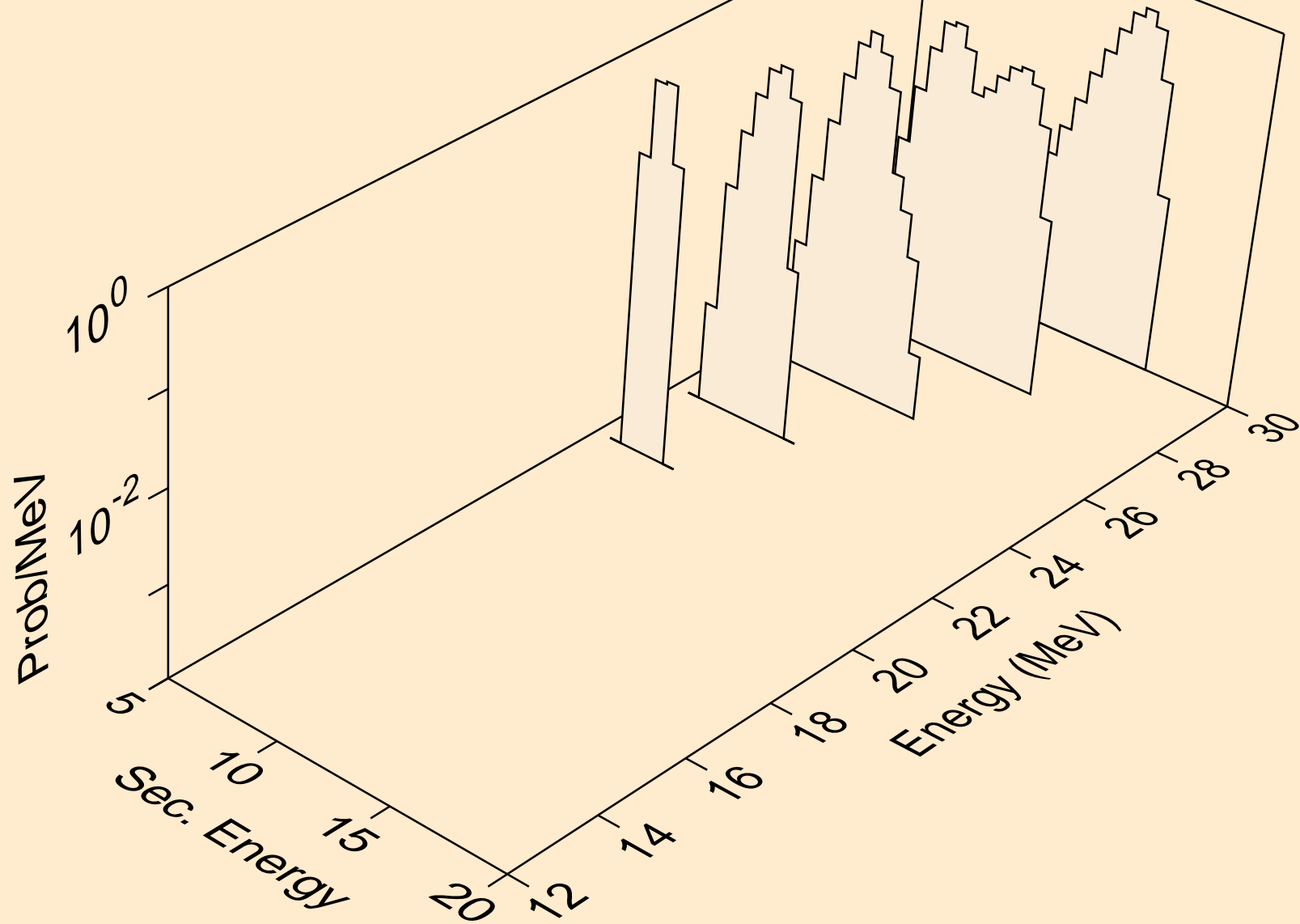
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



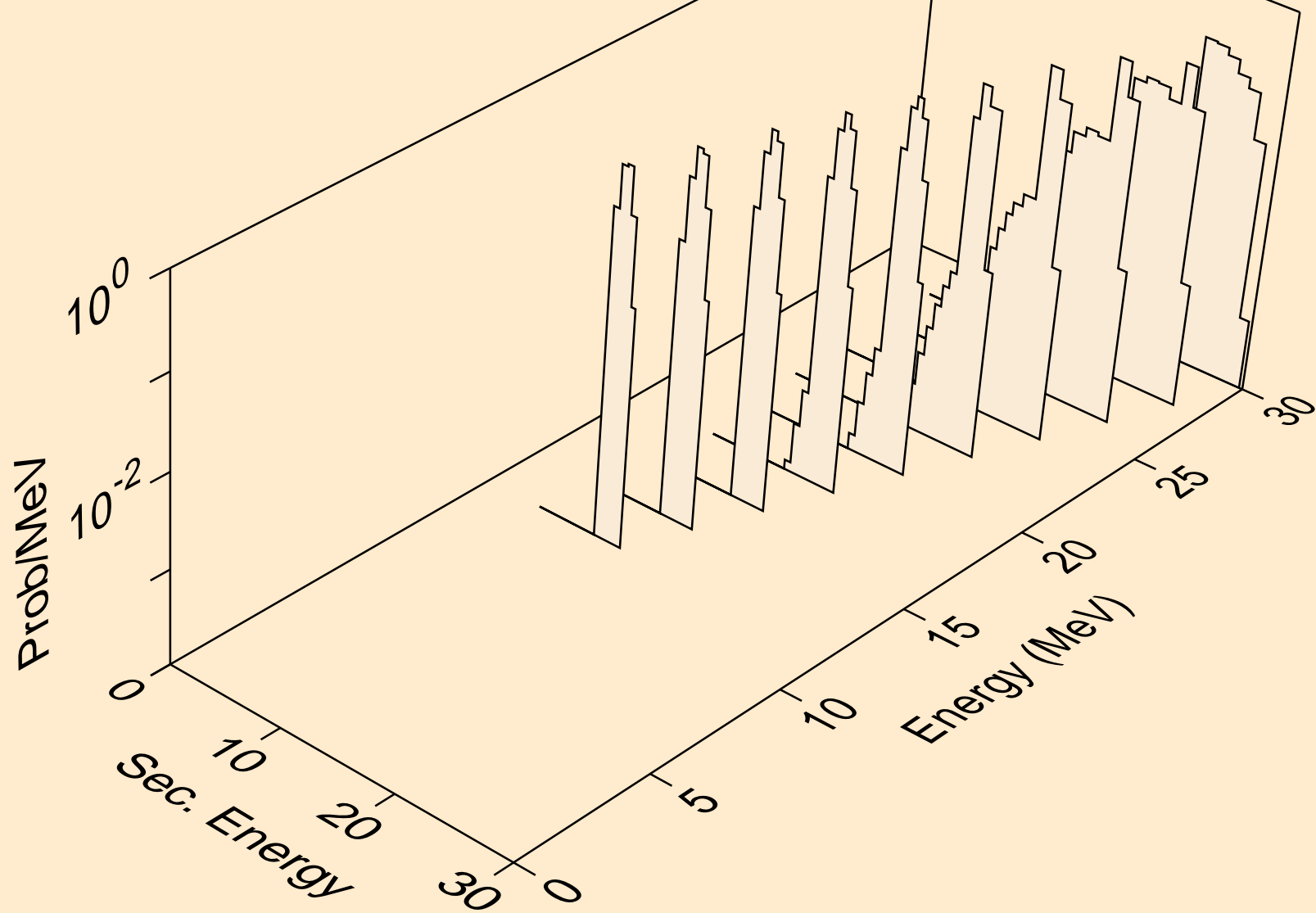
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



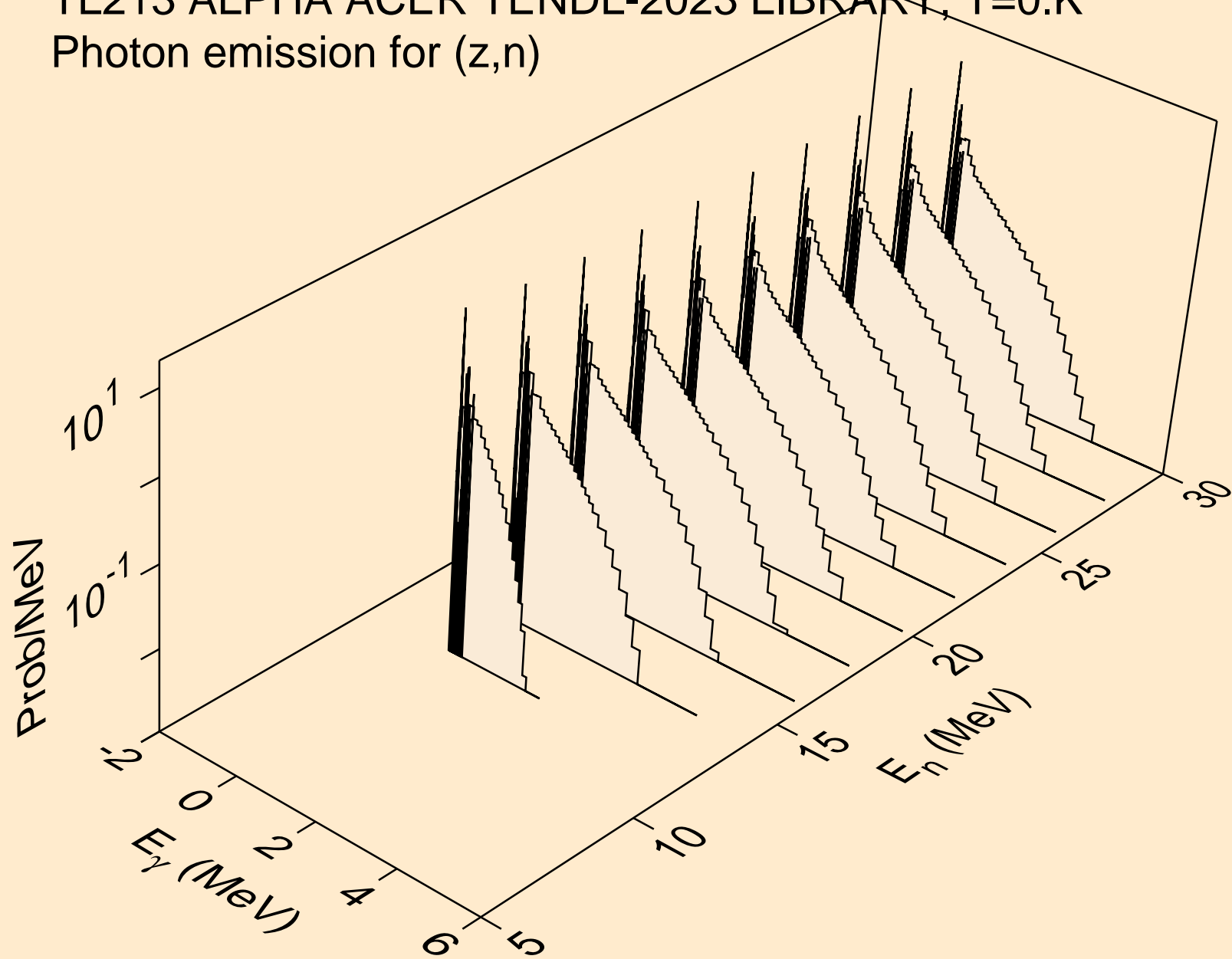
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

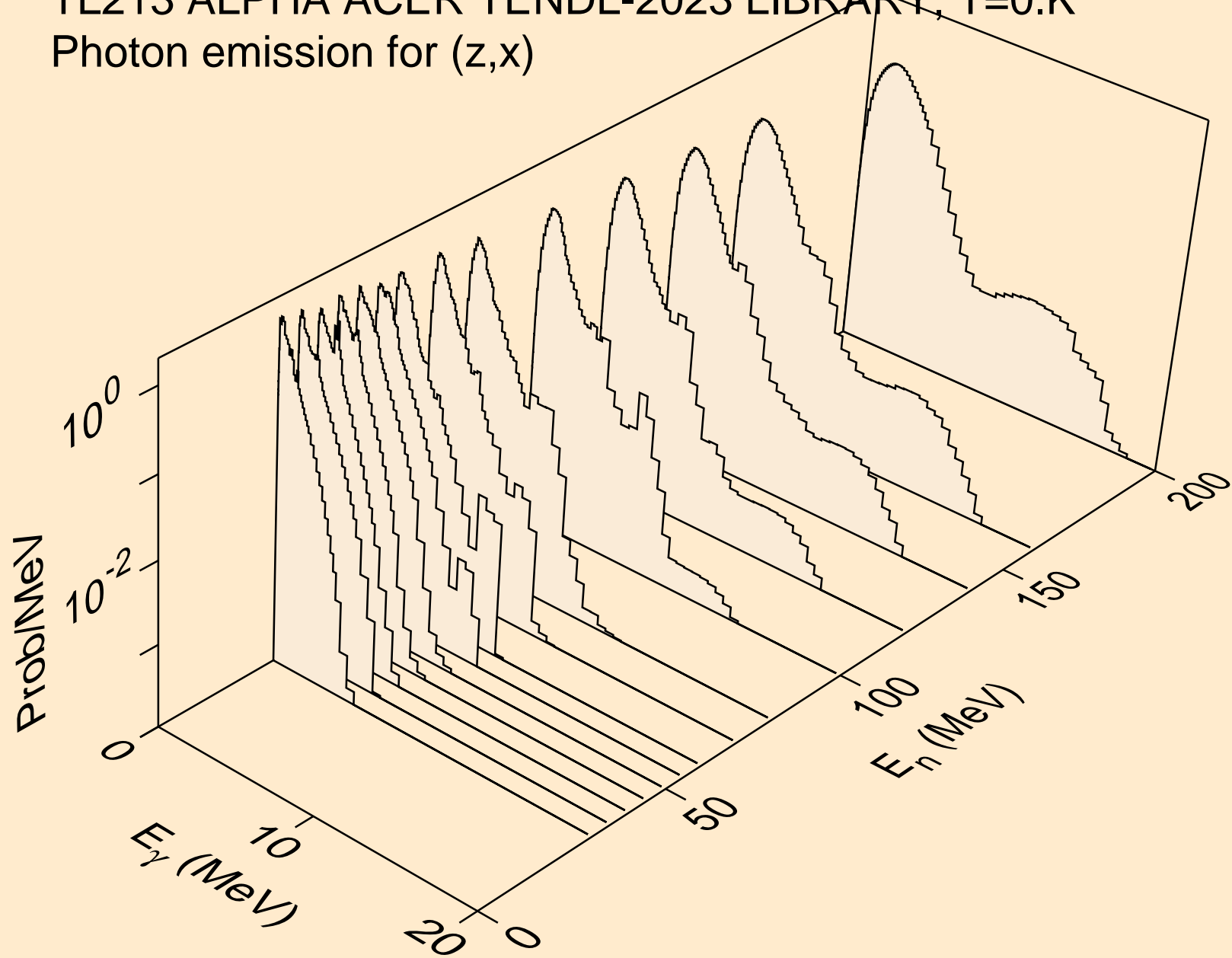


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

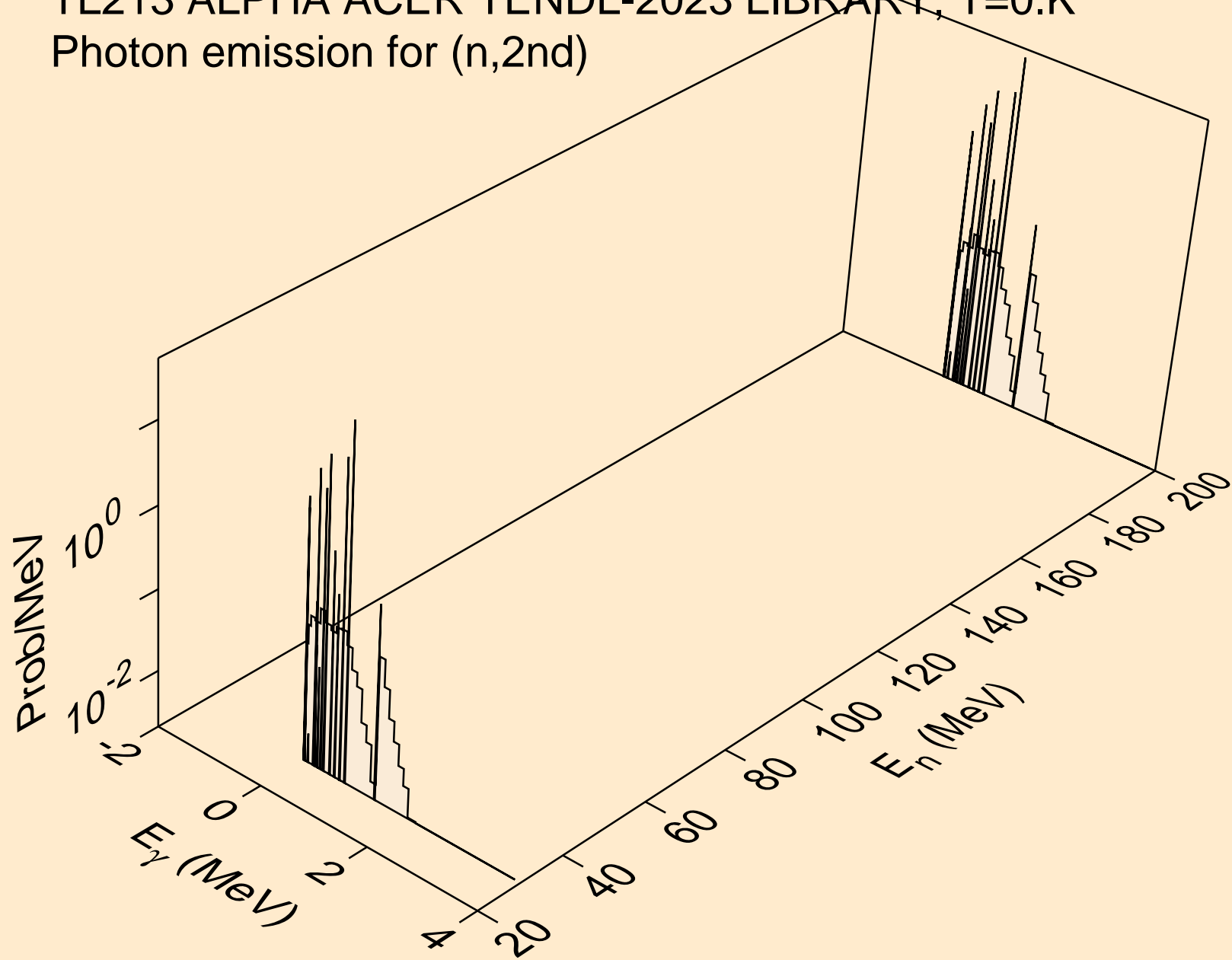


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

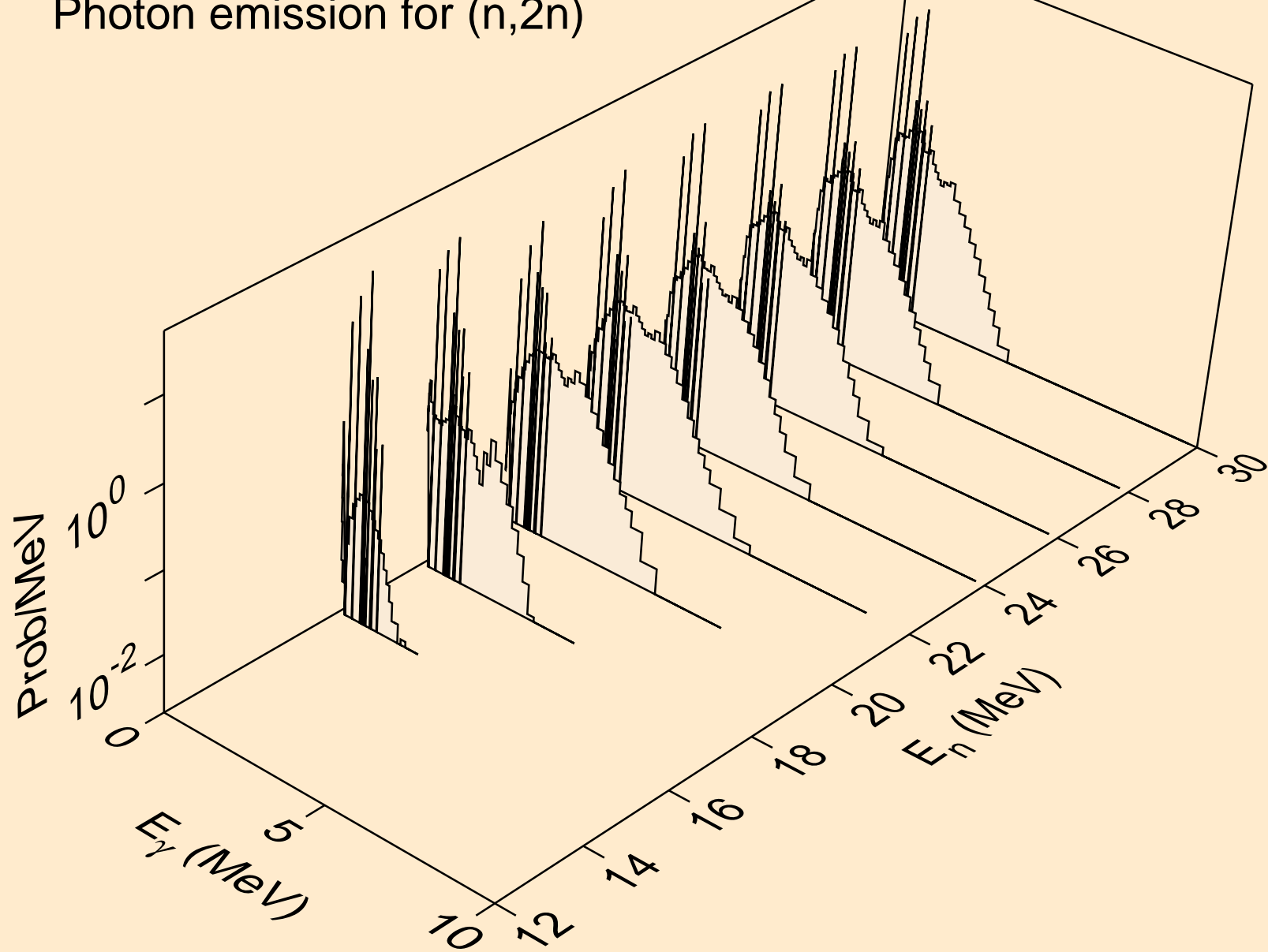
Photon emission for (z,x)



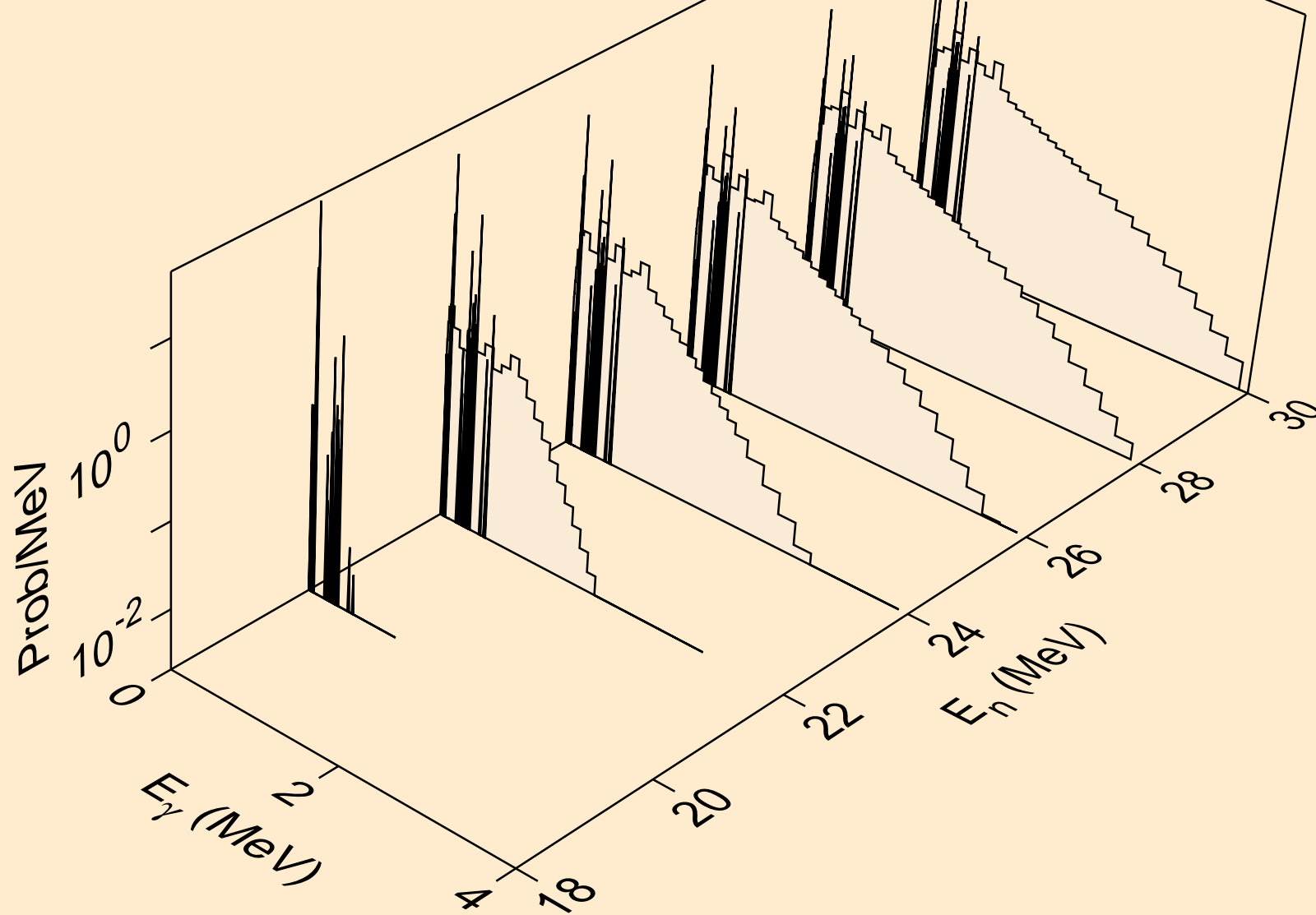
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



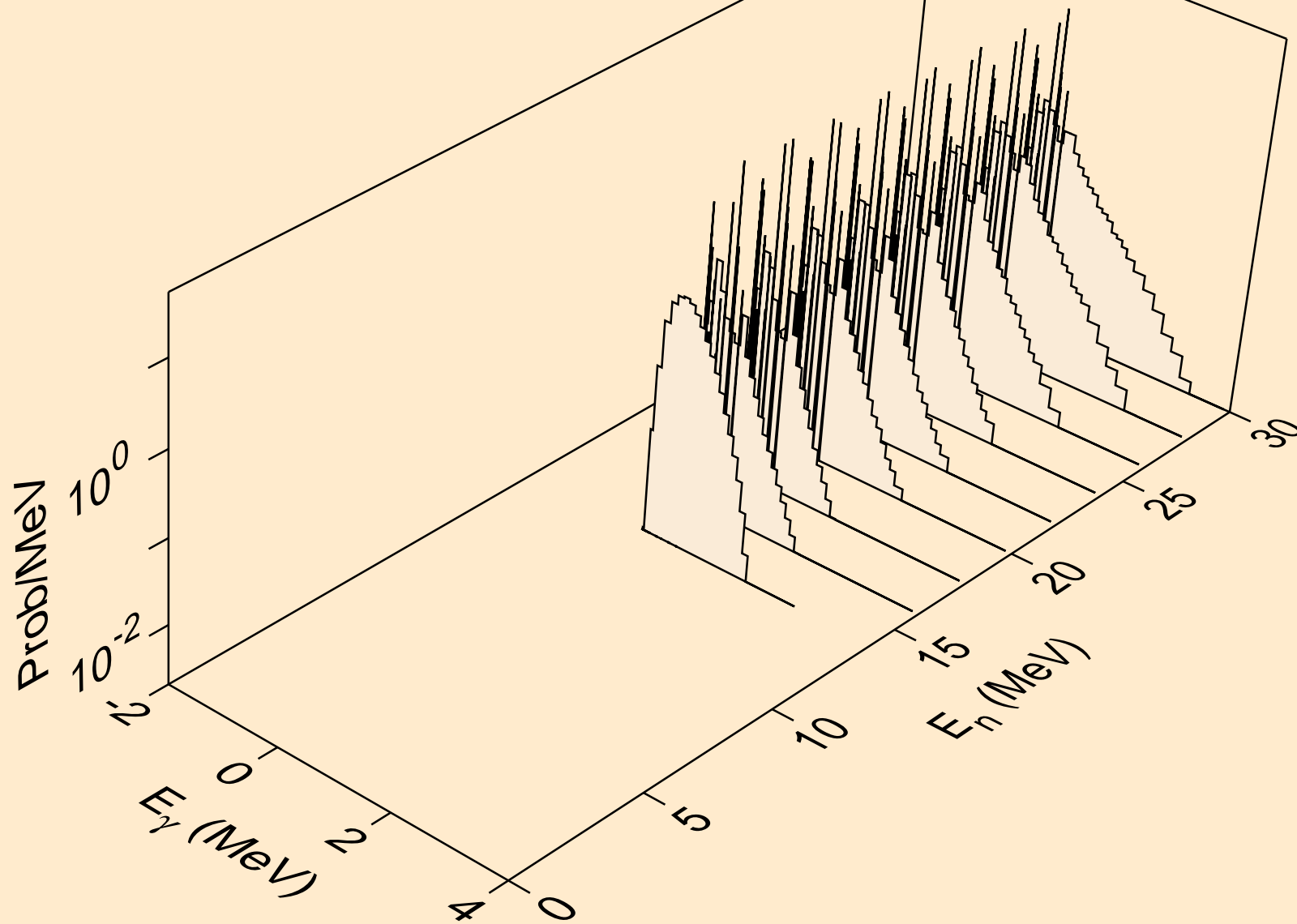
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



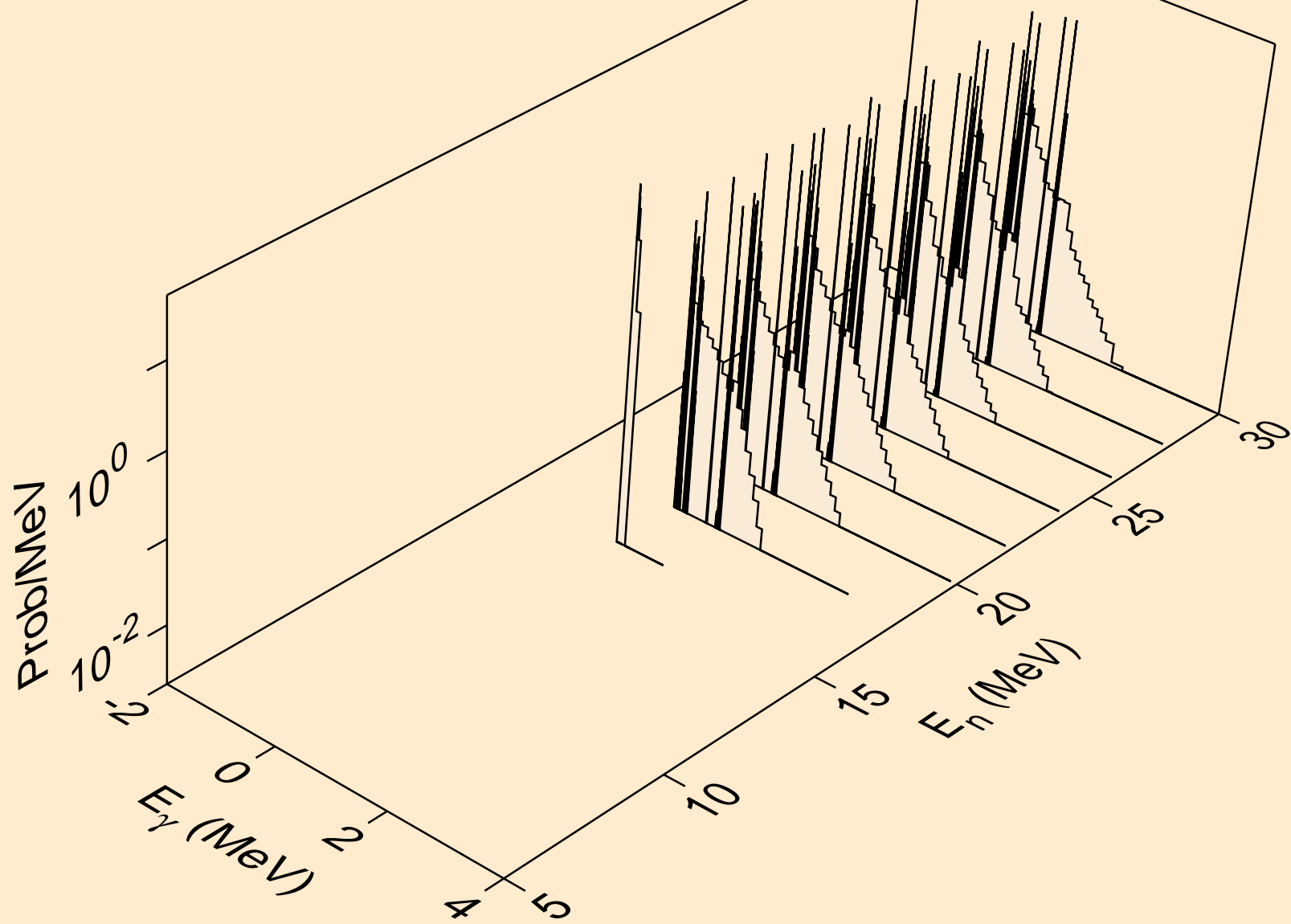
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



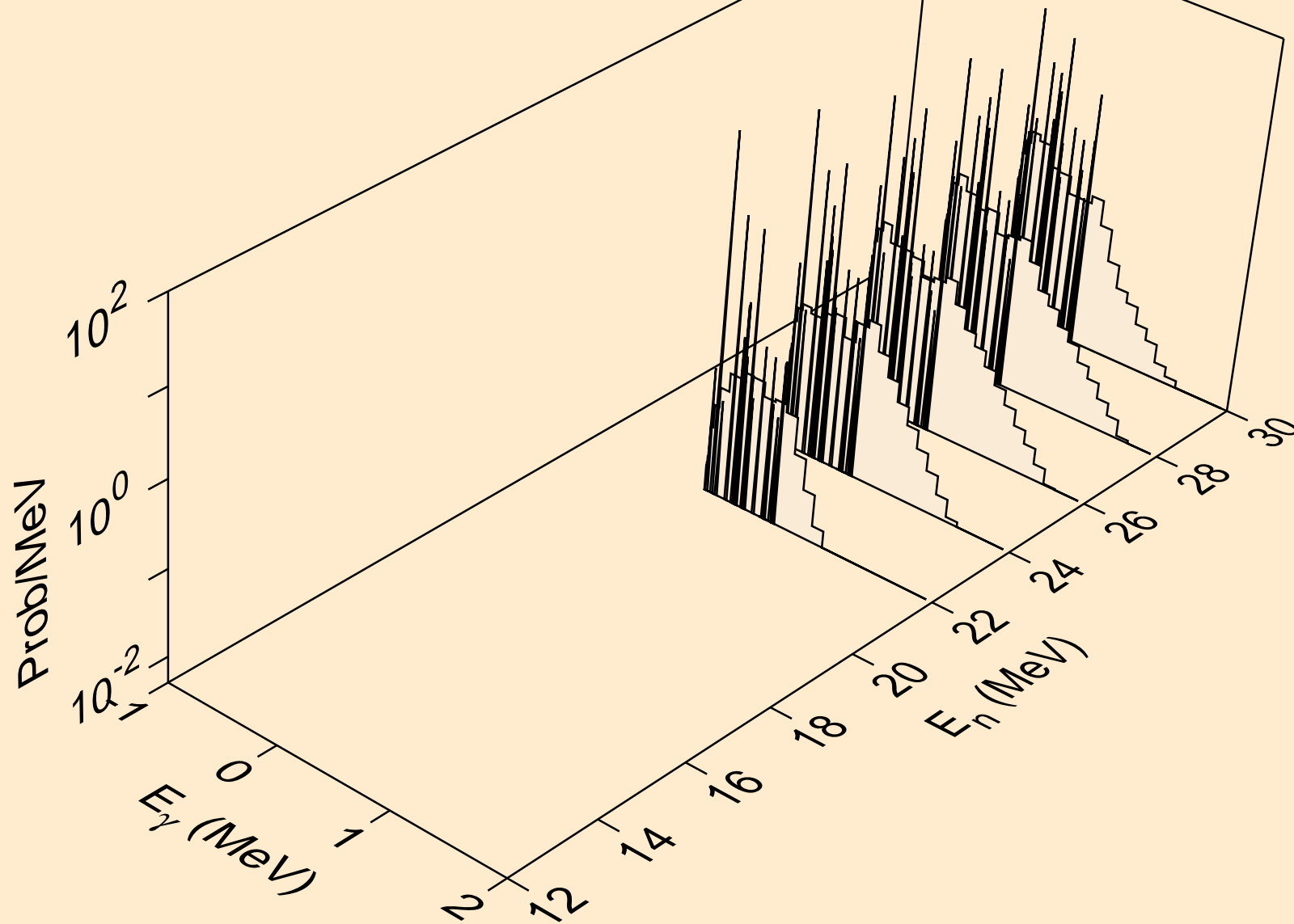
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



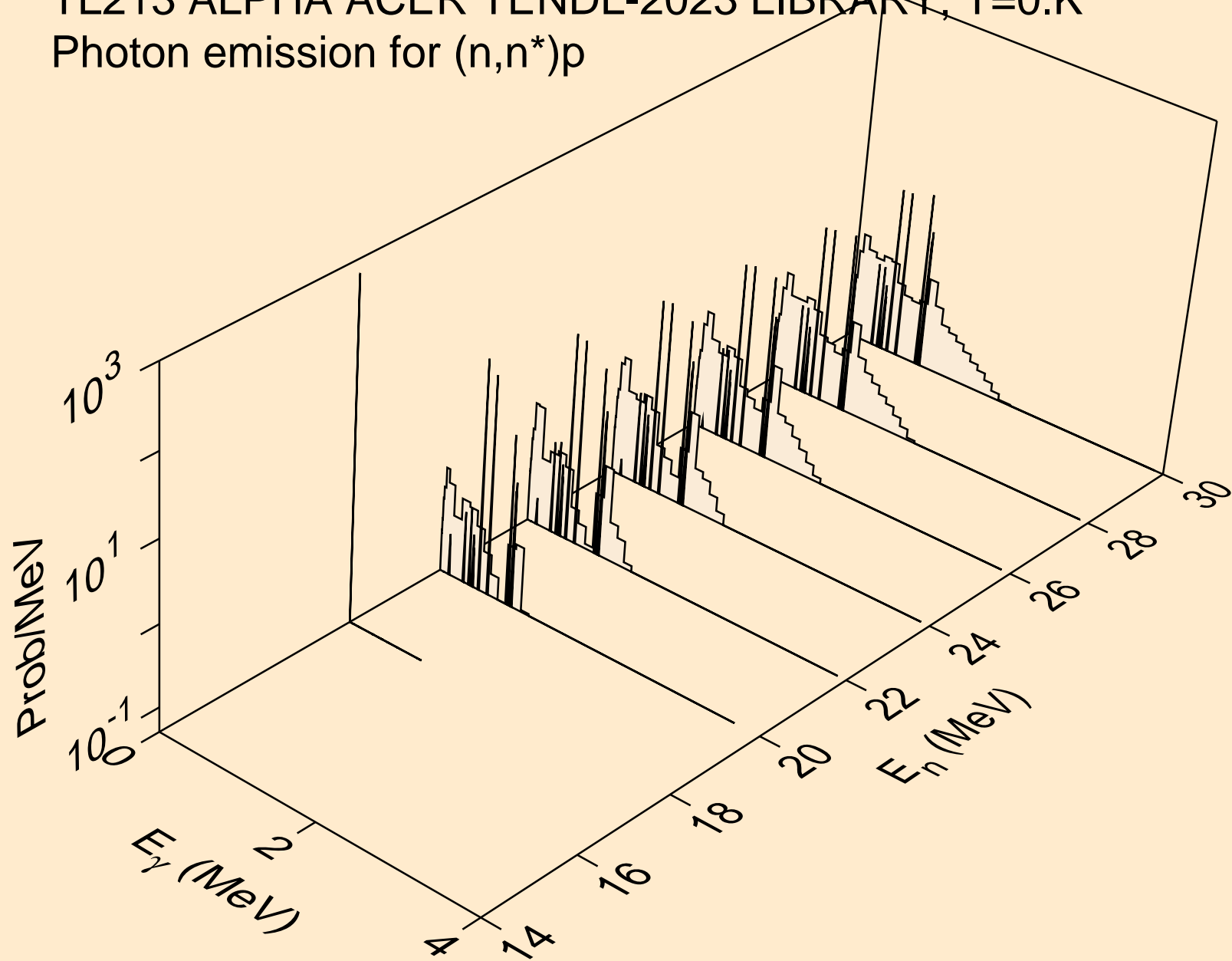
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



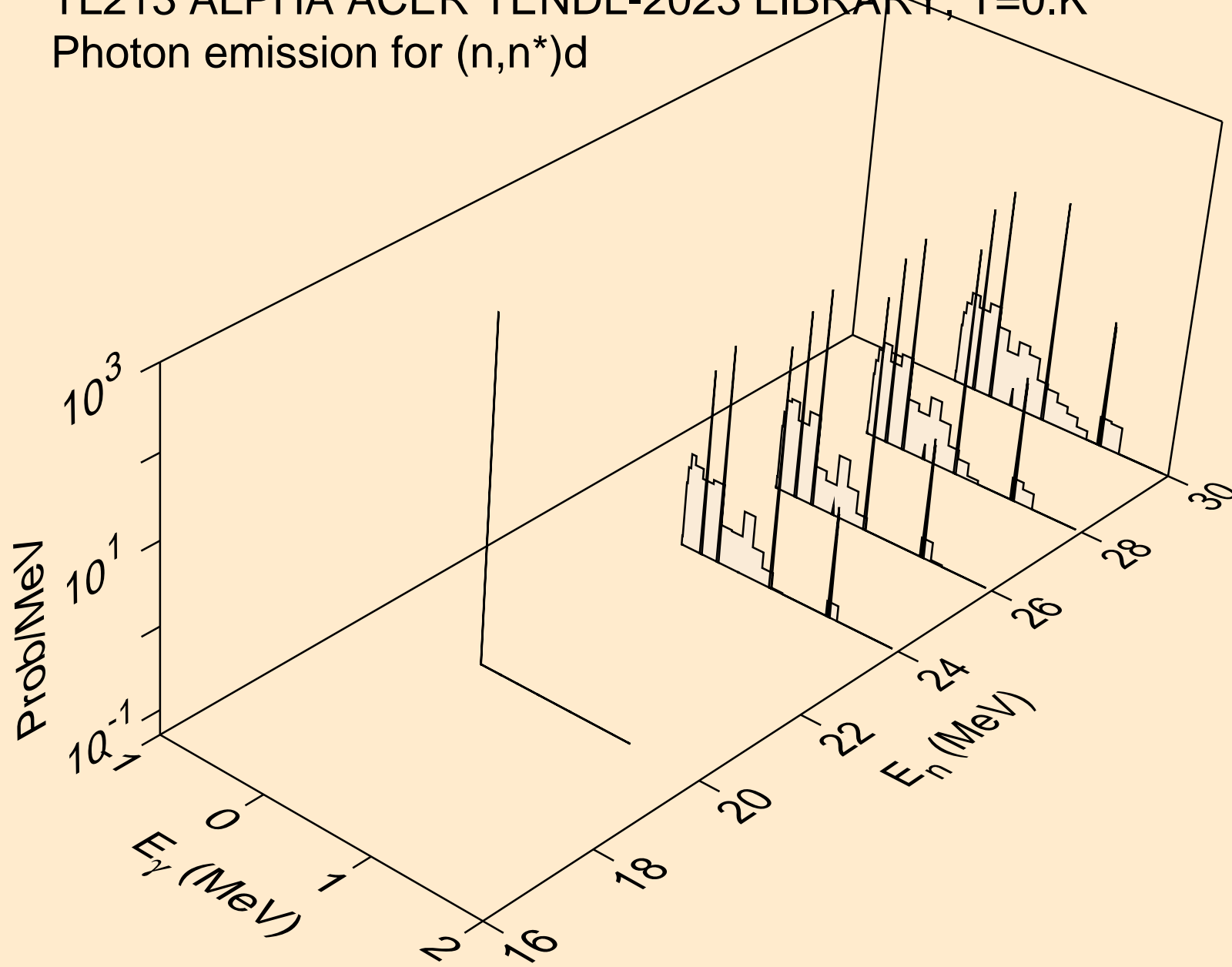
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

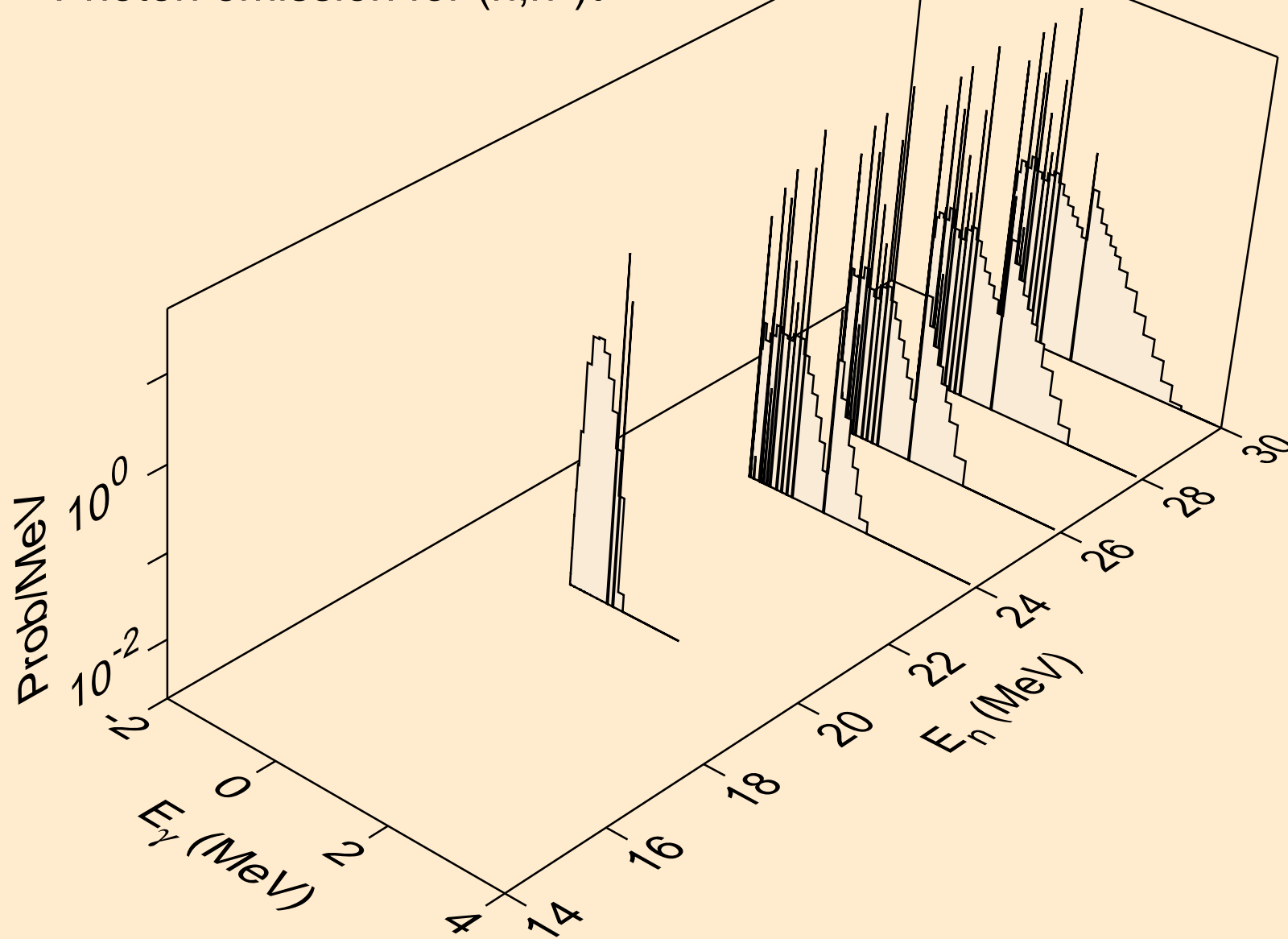


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

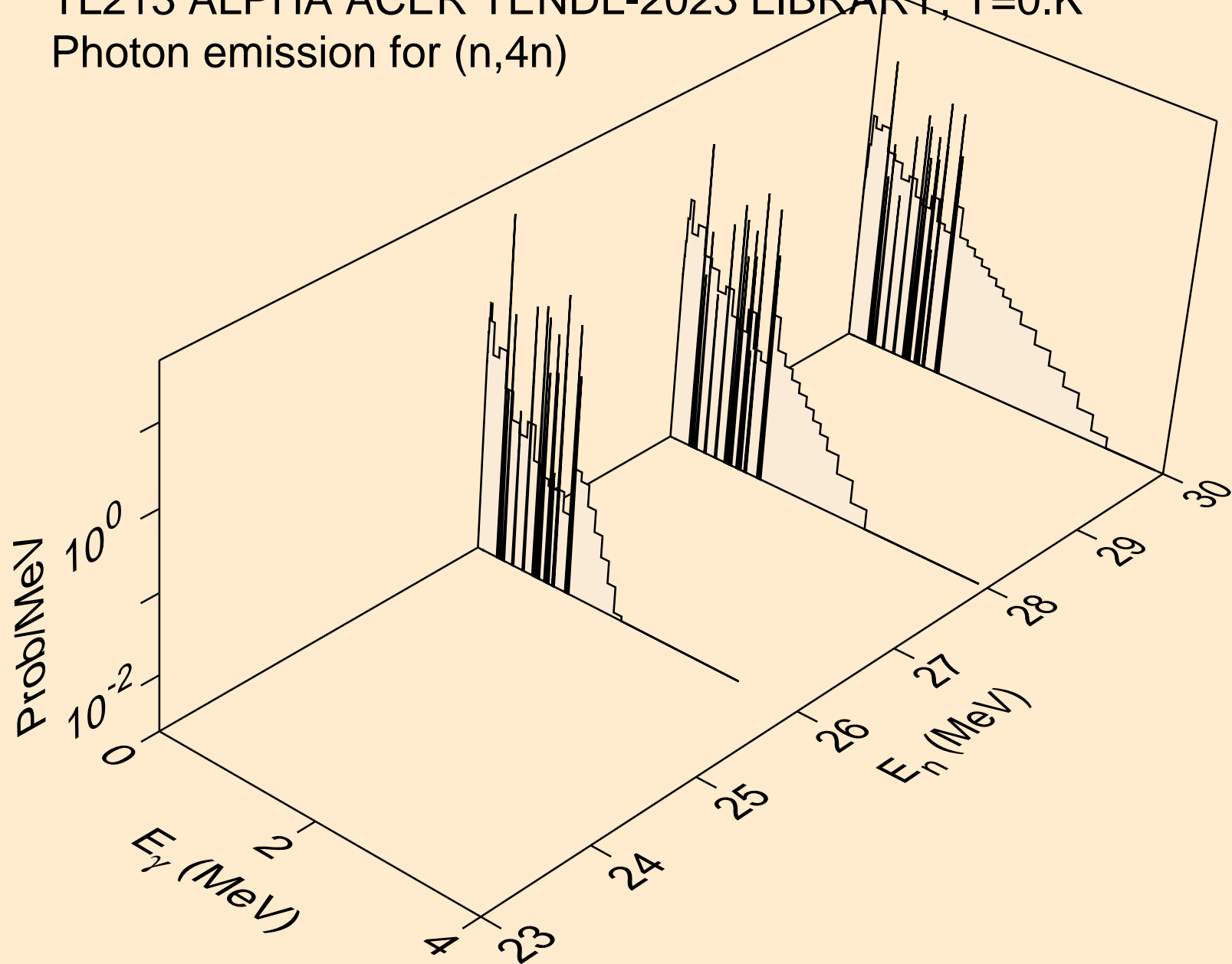


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

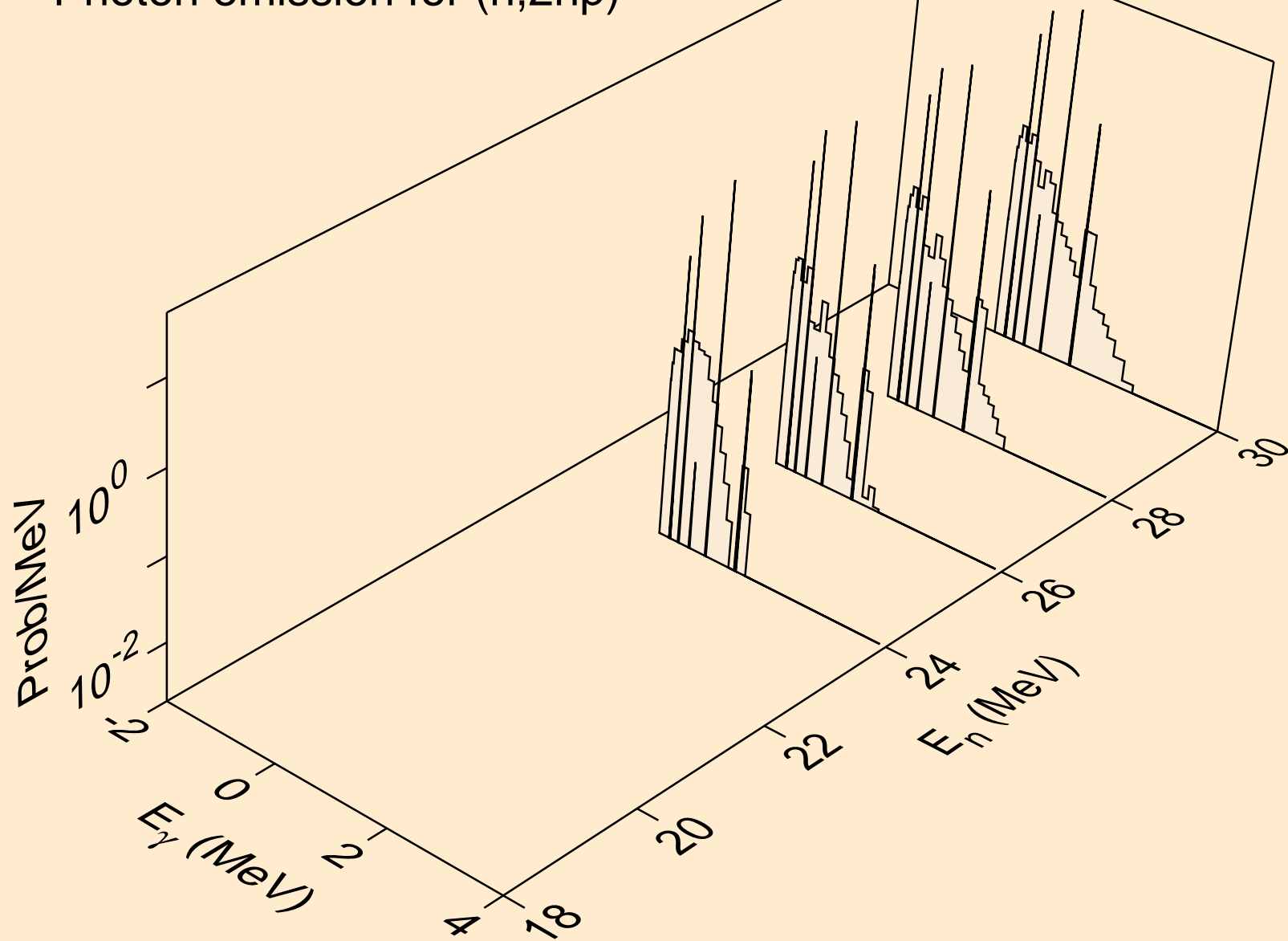
Photon emission for (n,n\*)t



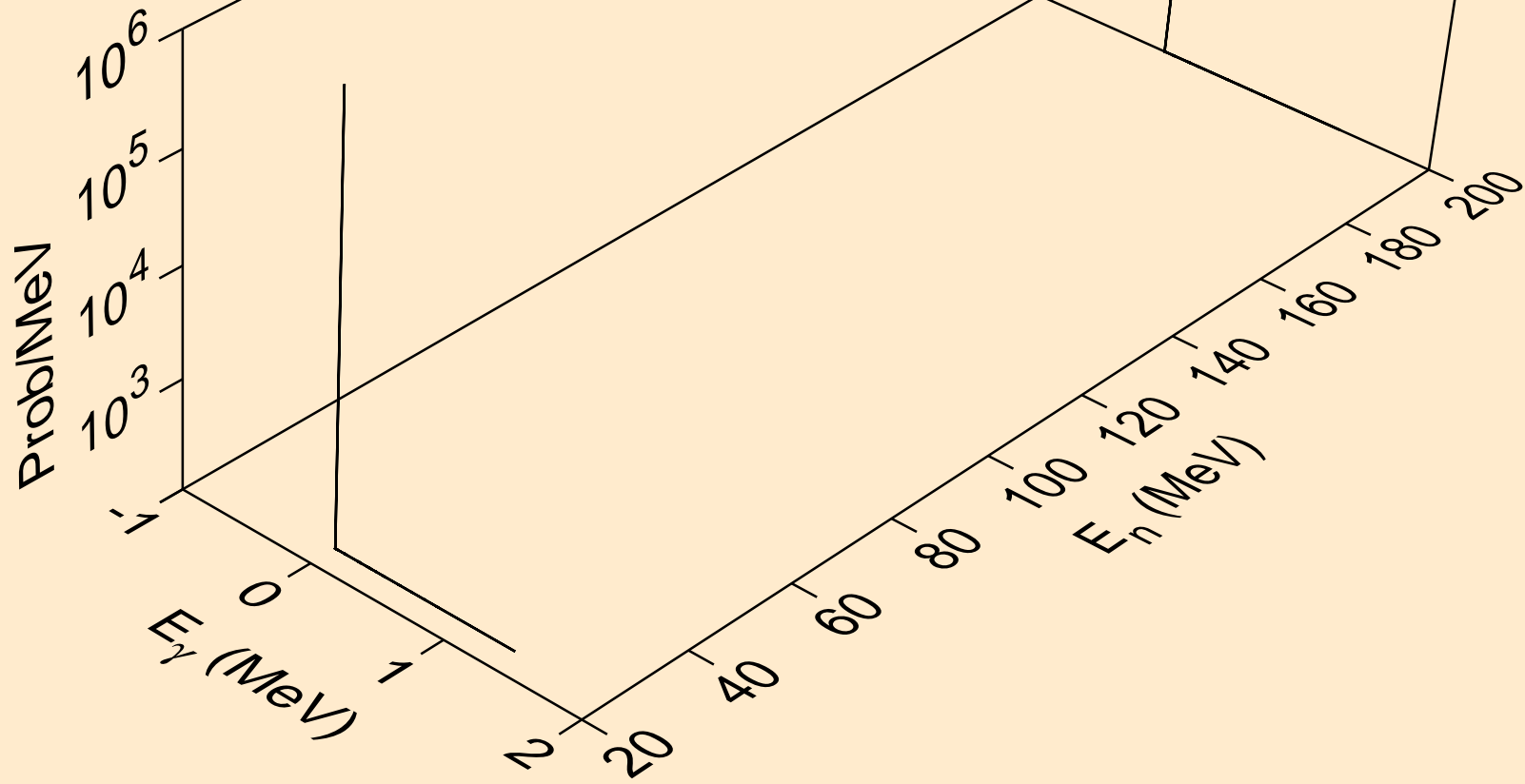
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



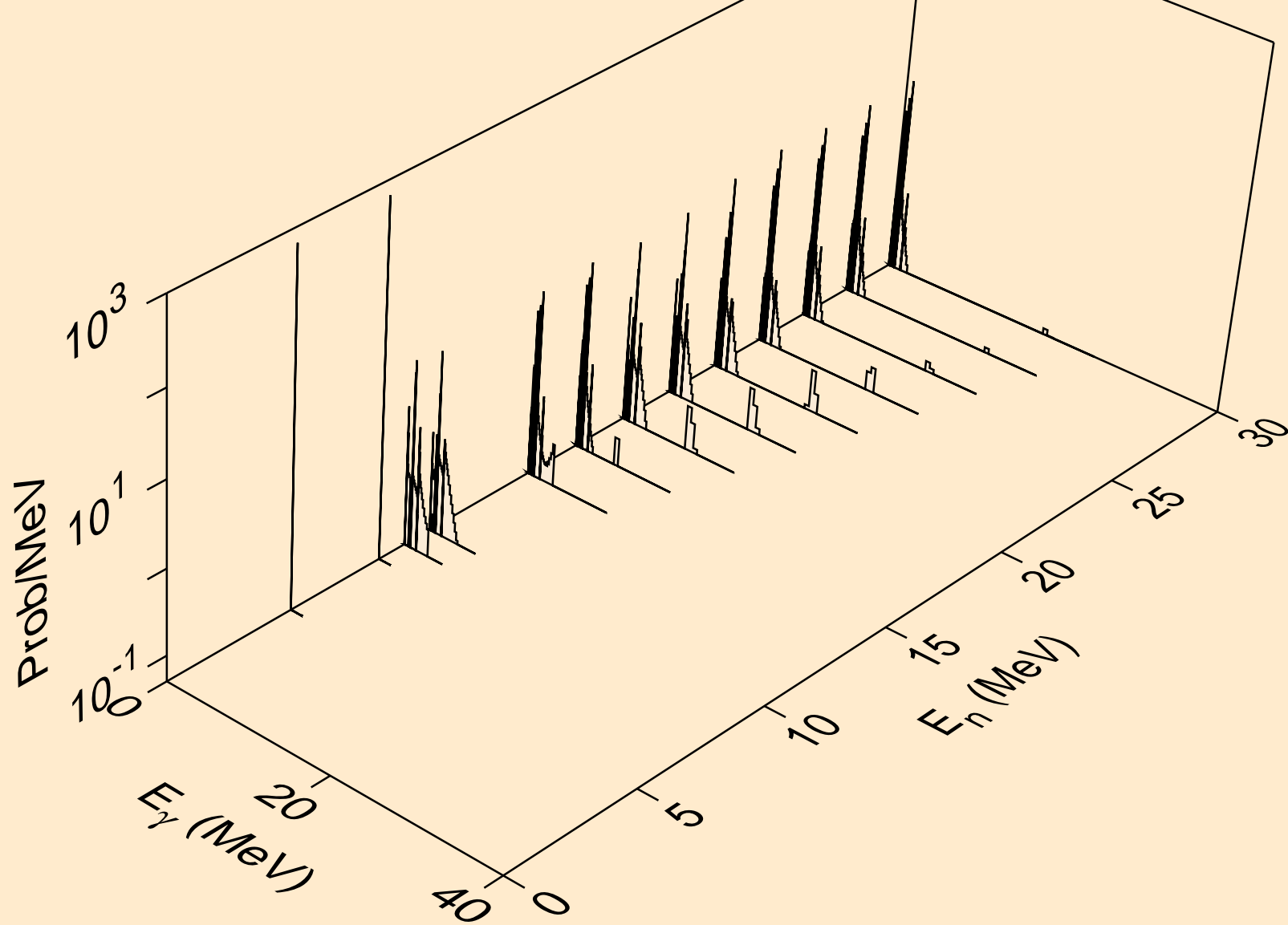
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



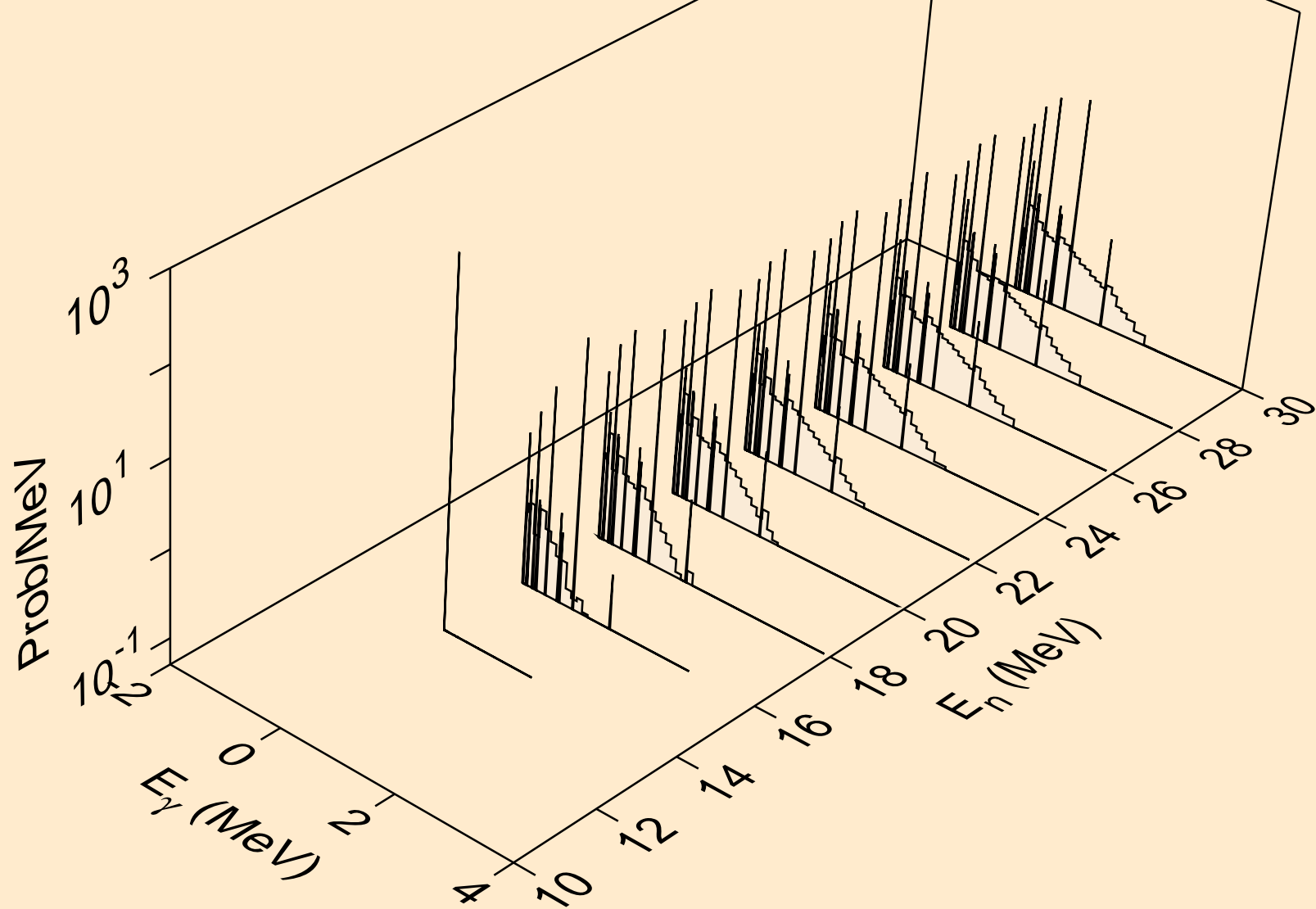
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



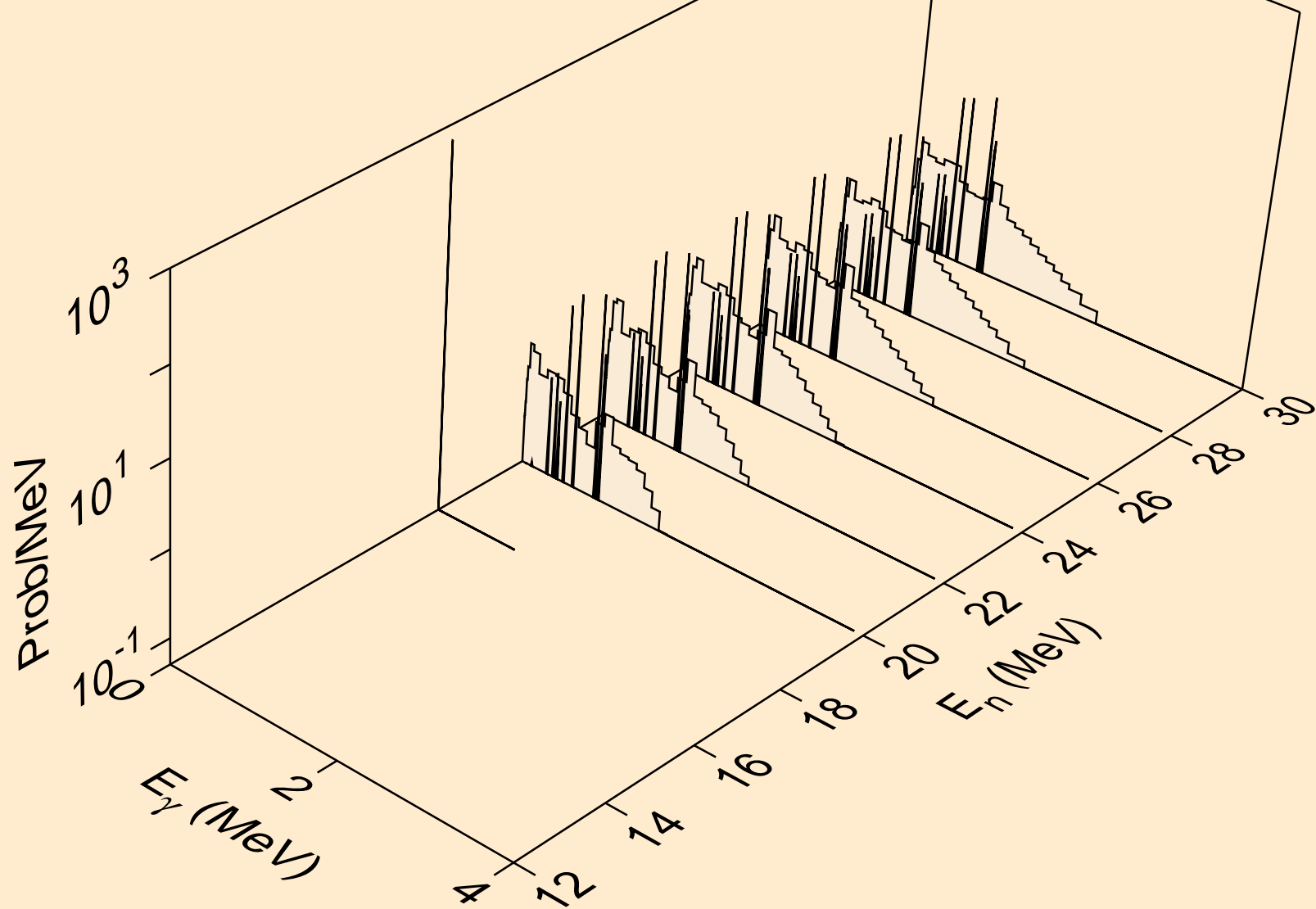
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



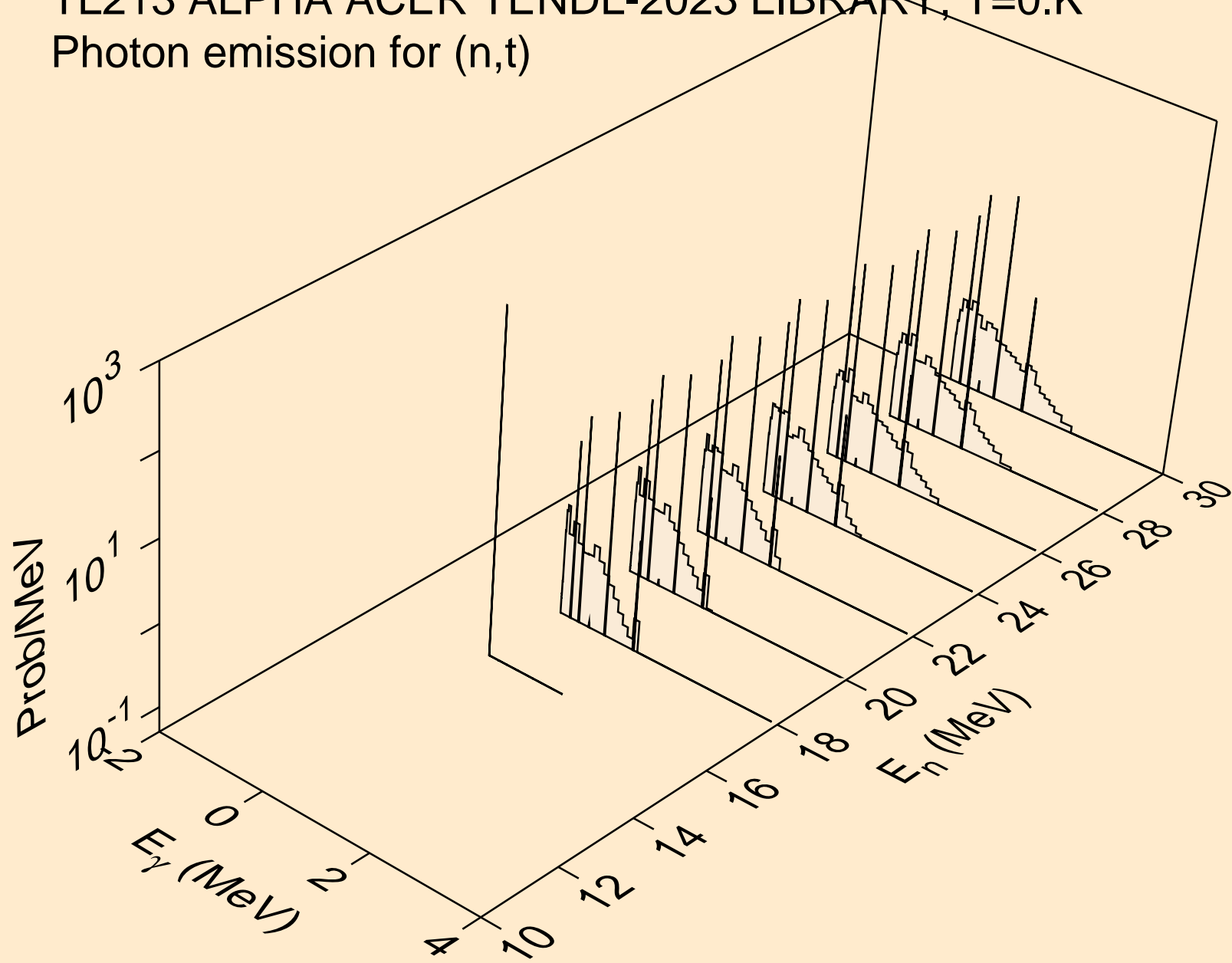
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



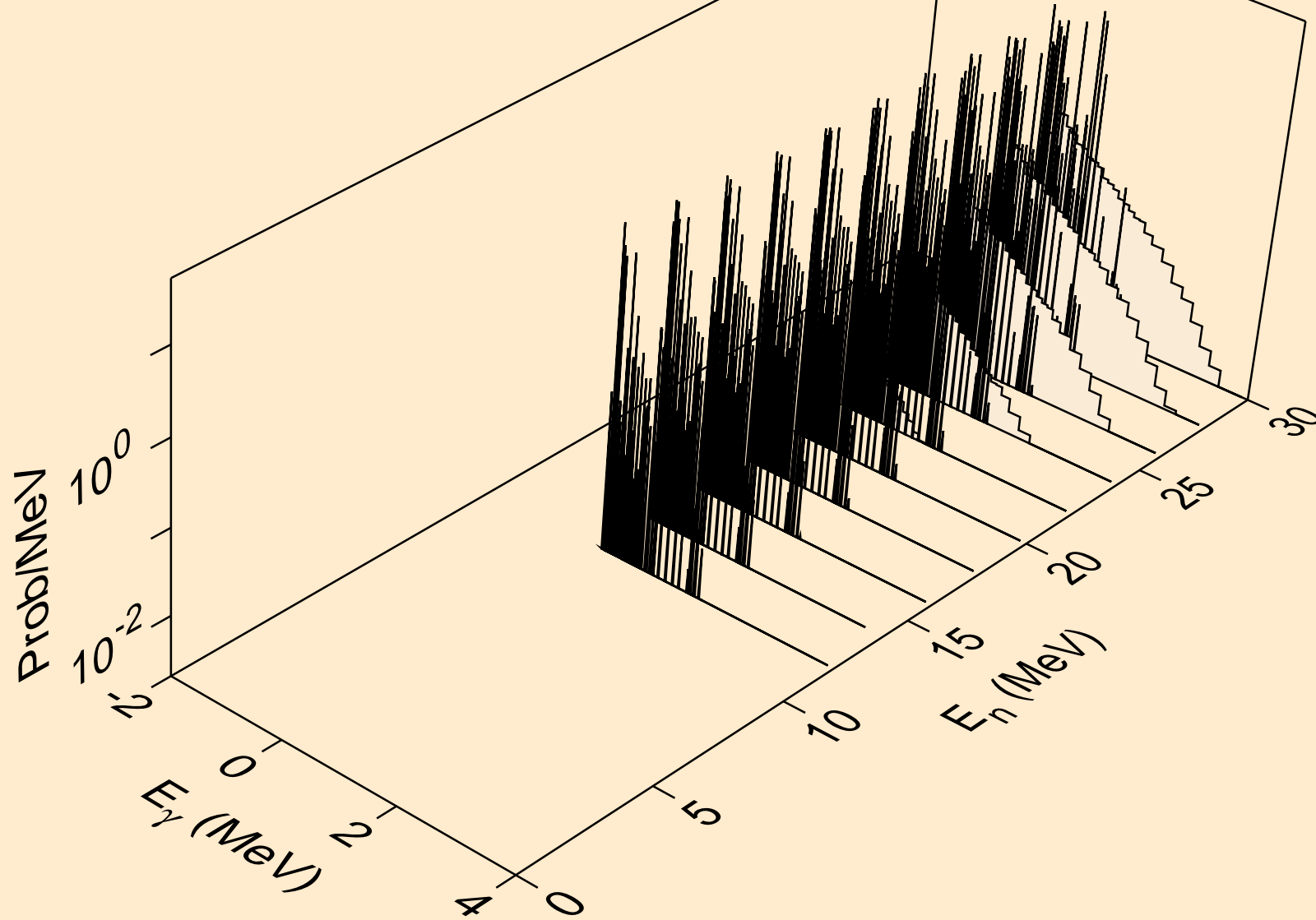
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

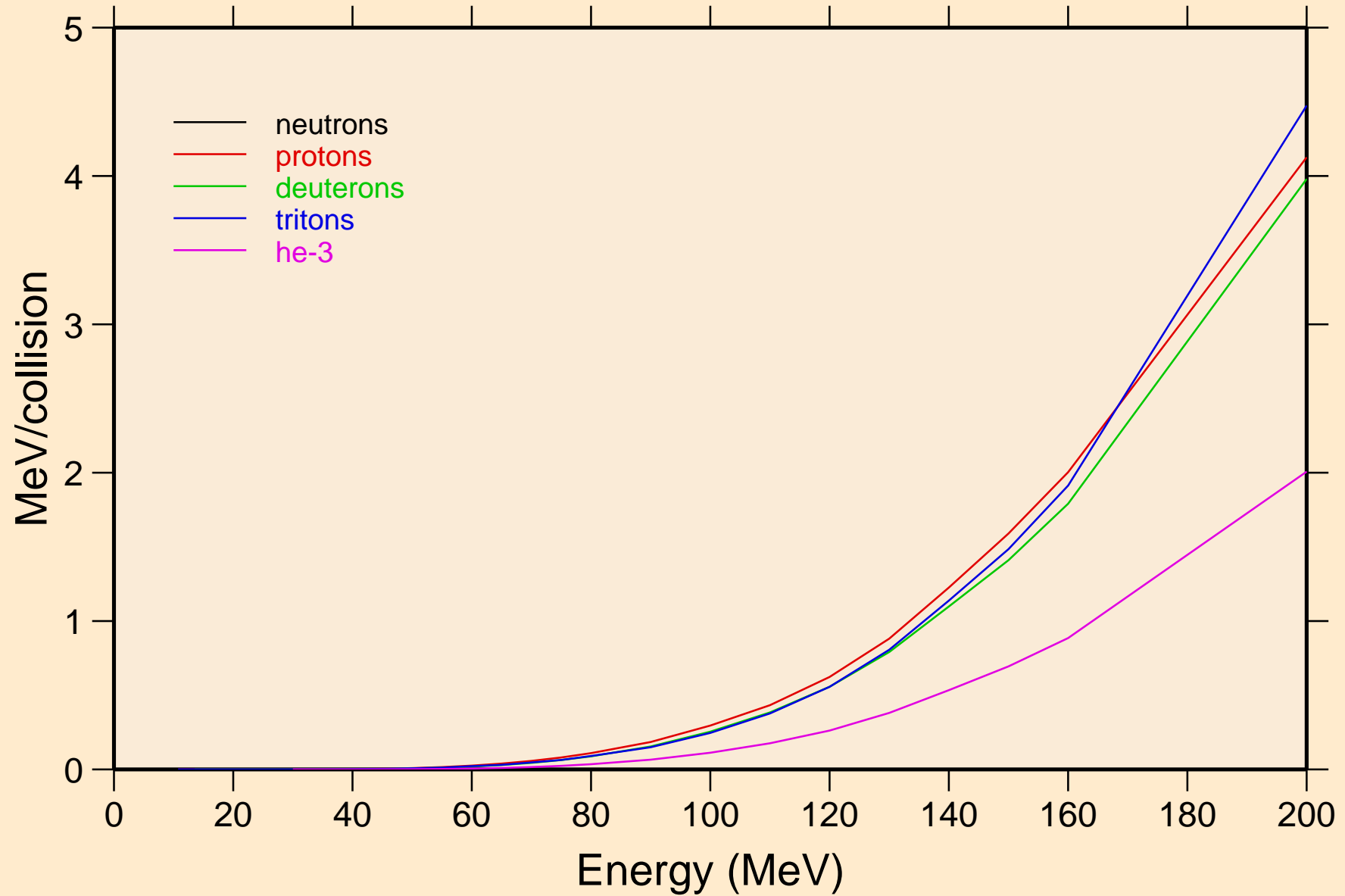


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



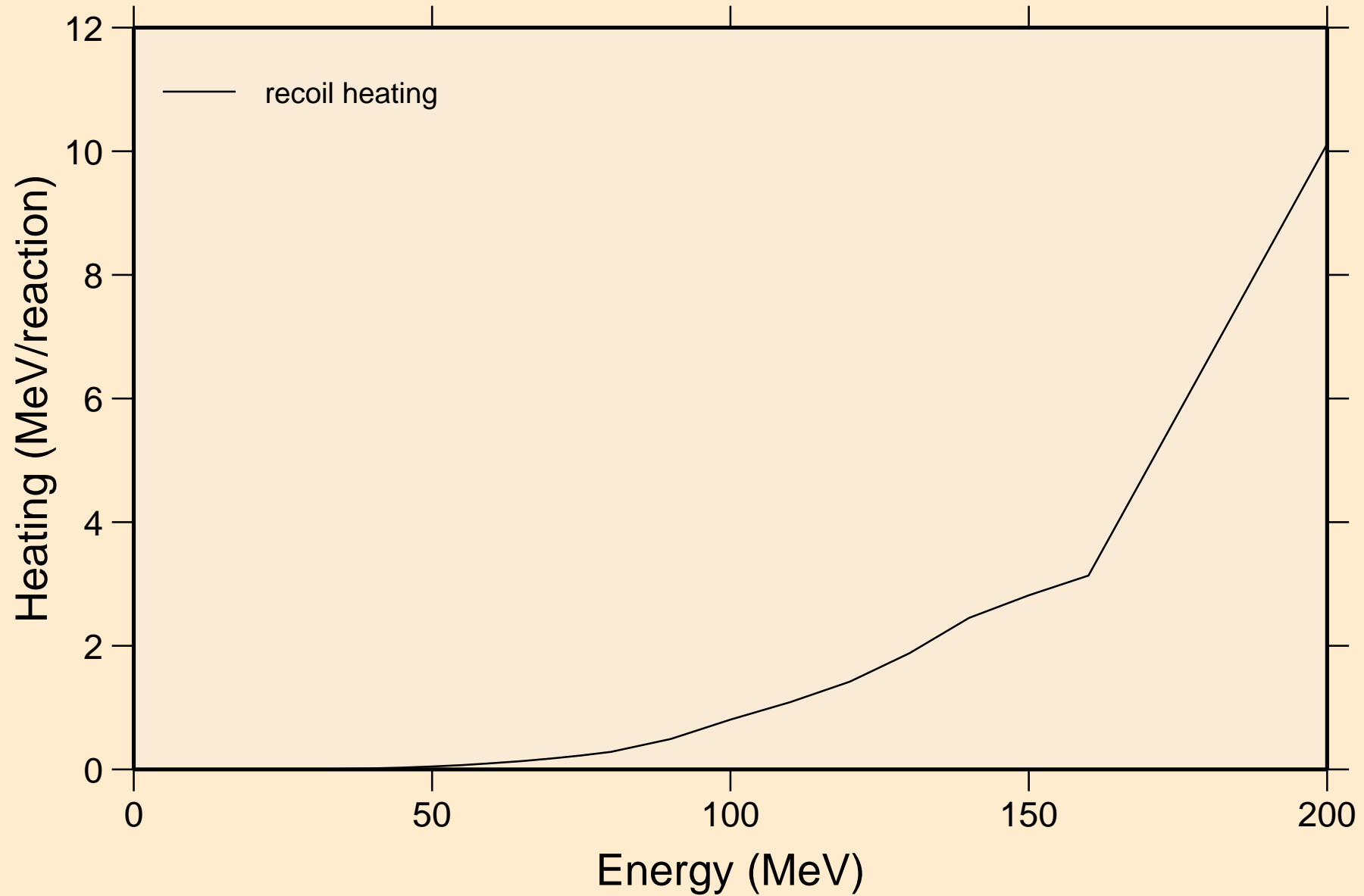
# TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

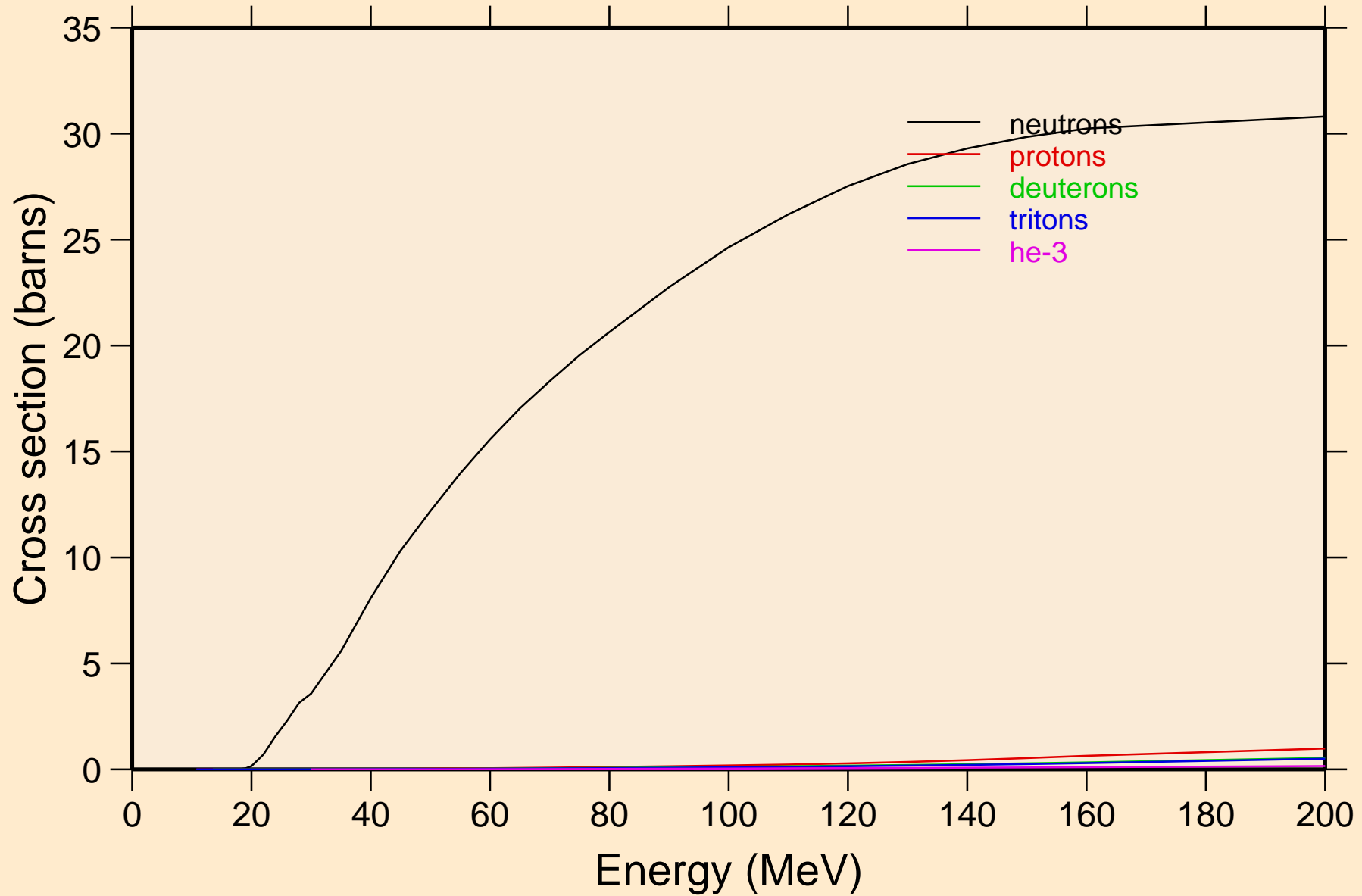


TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

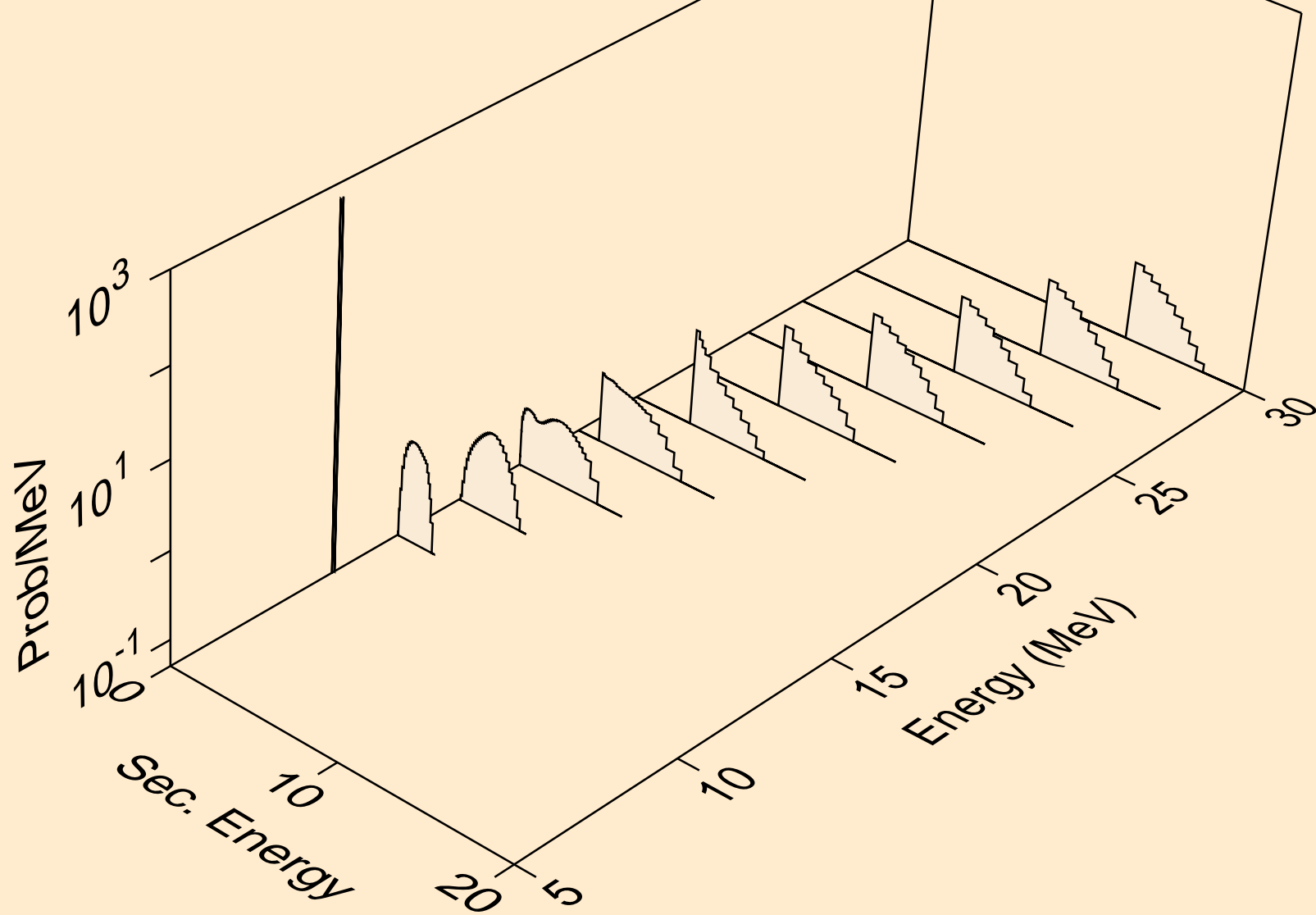
Recoil Heating



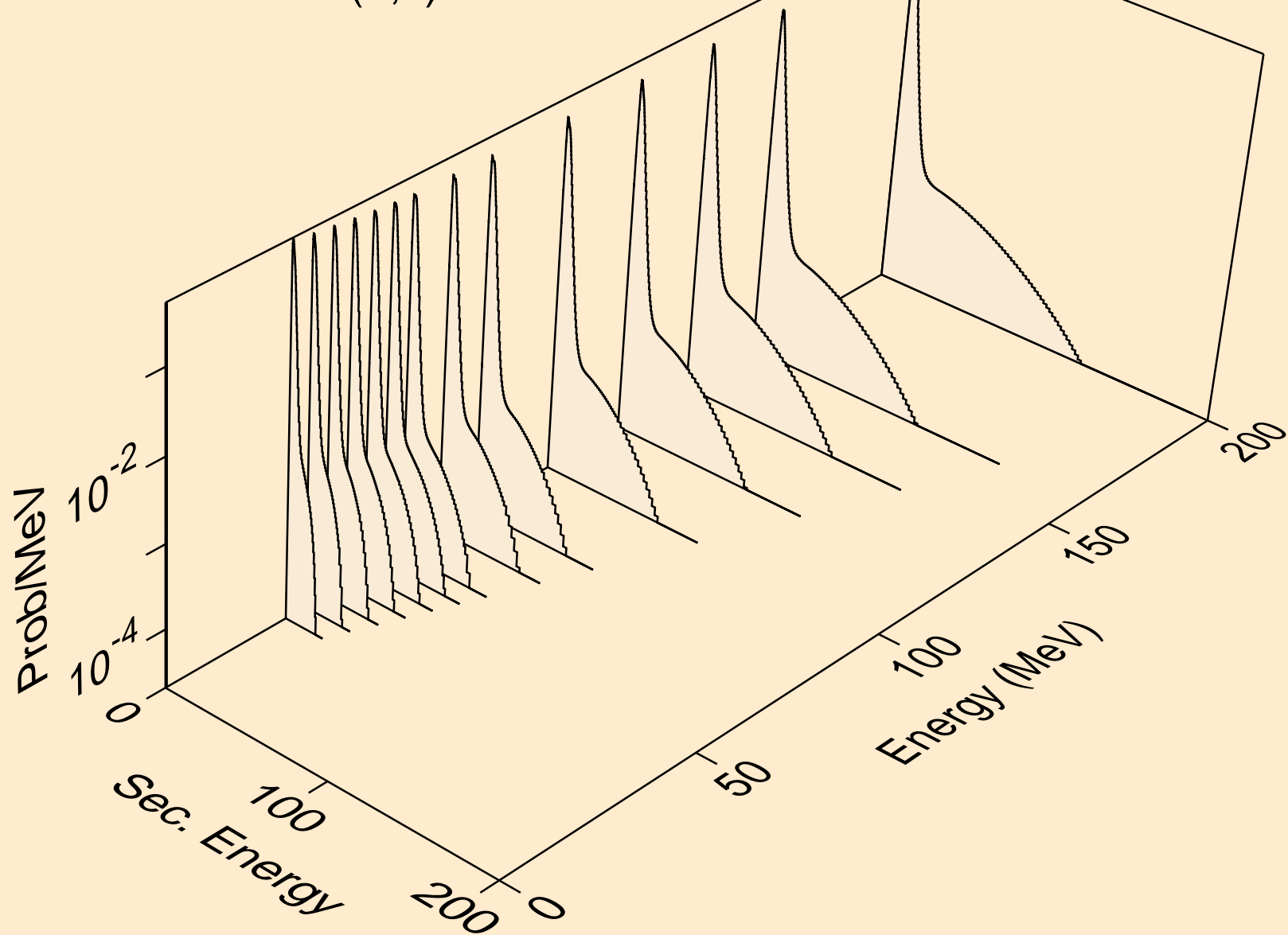
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



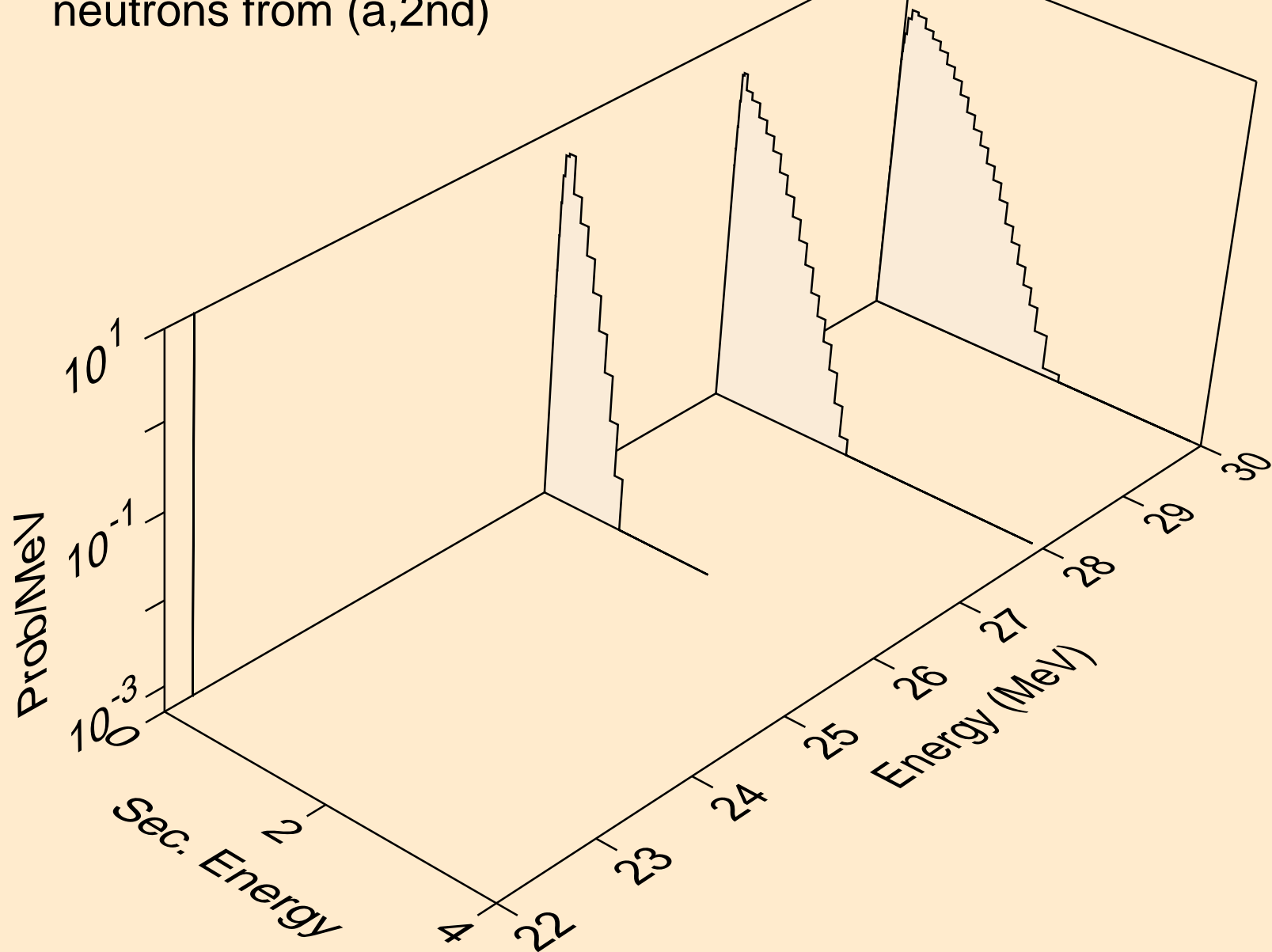
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



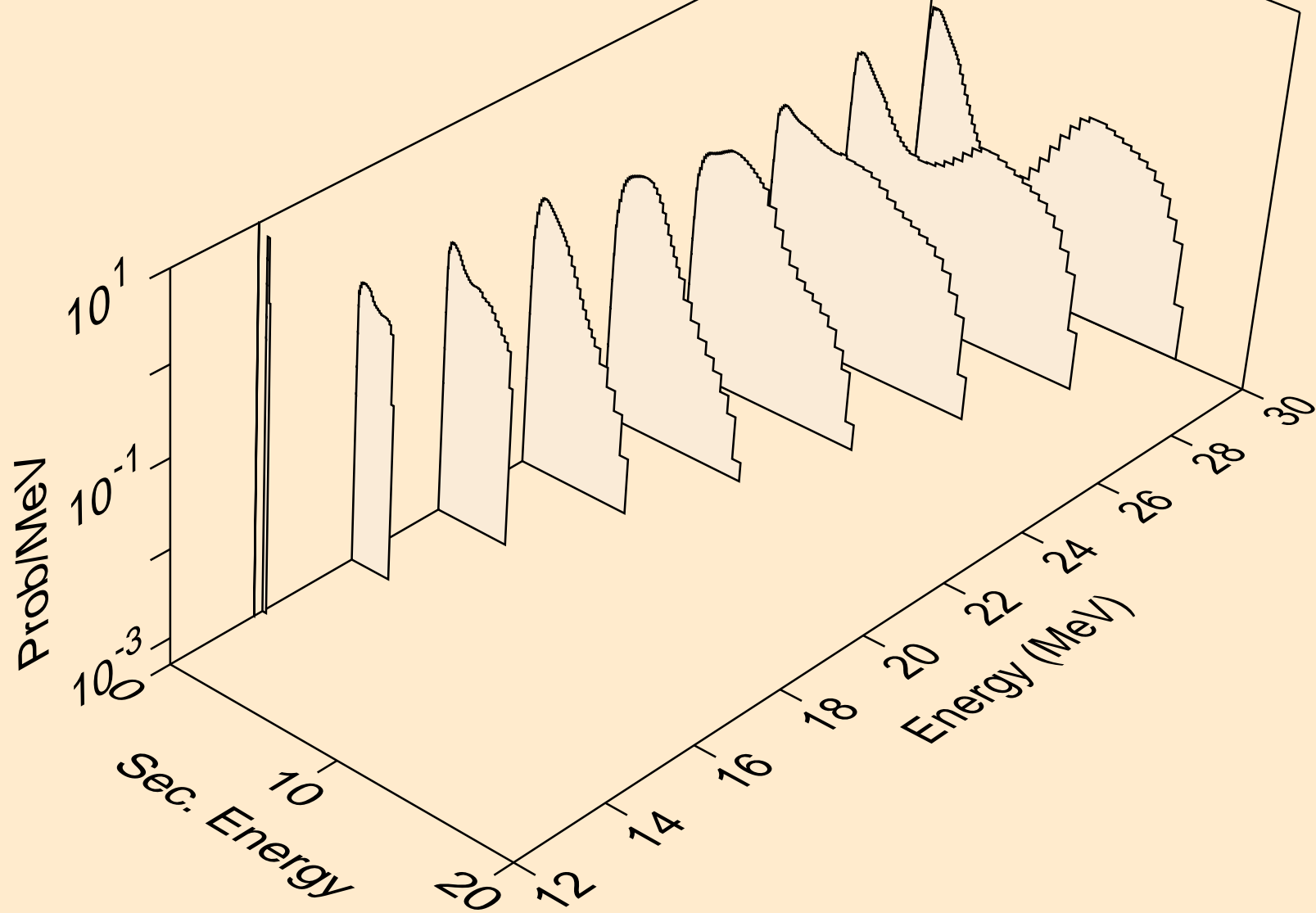
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



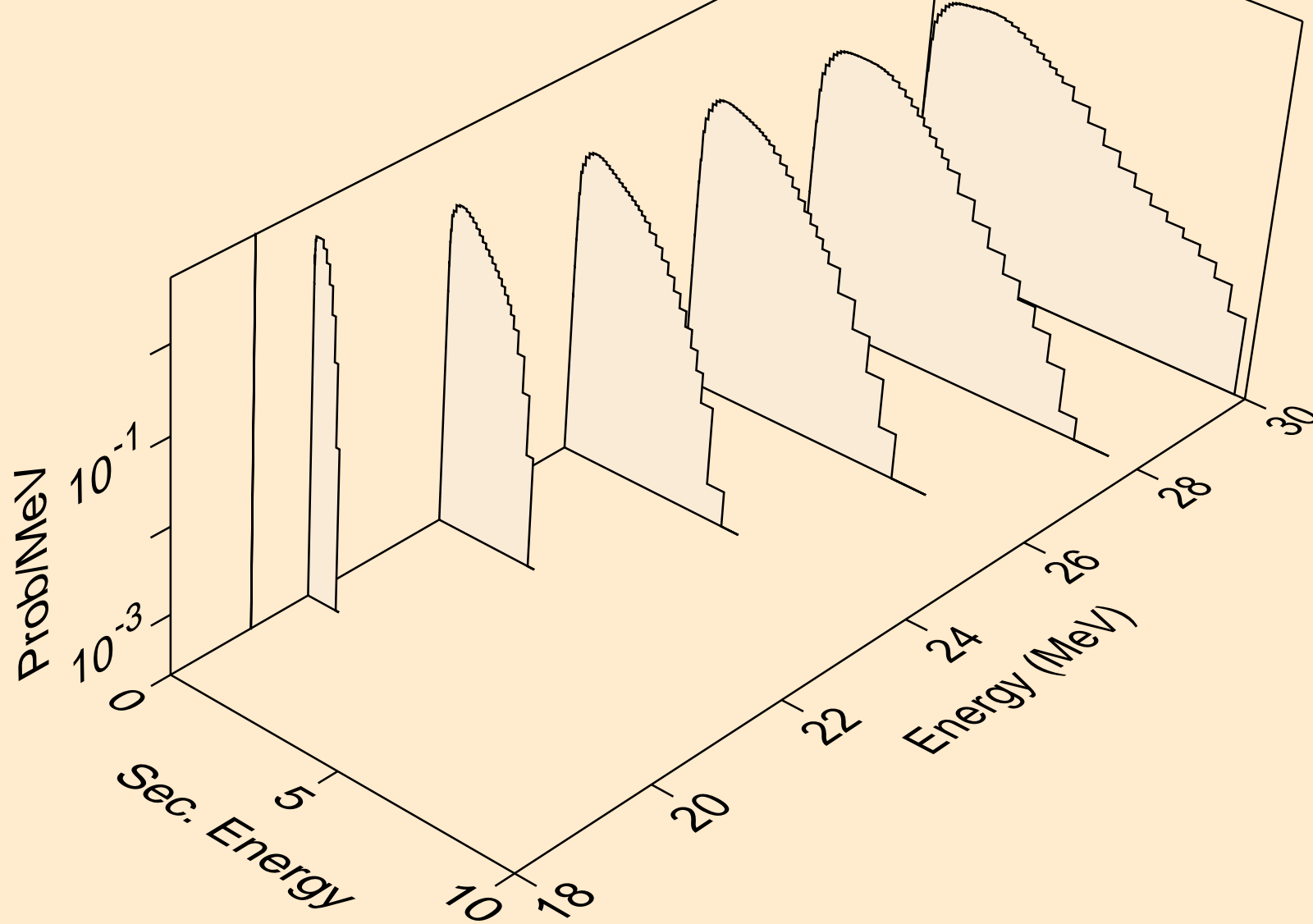
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



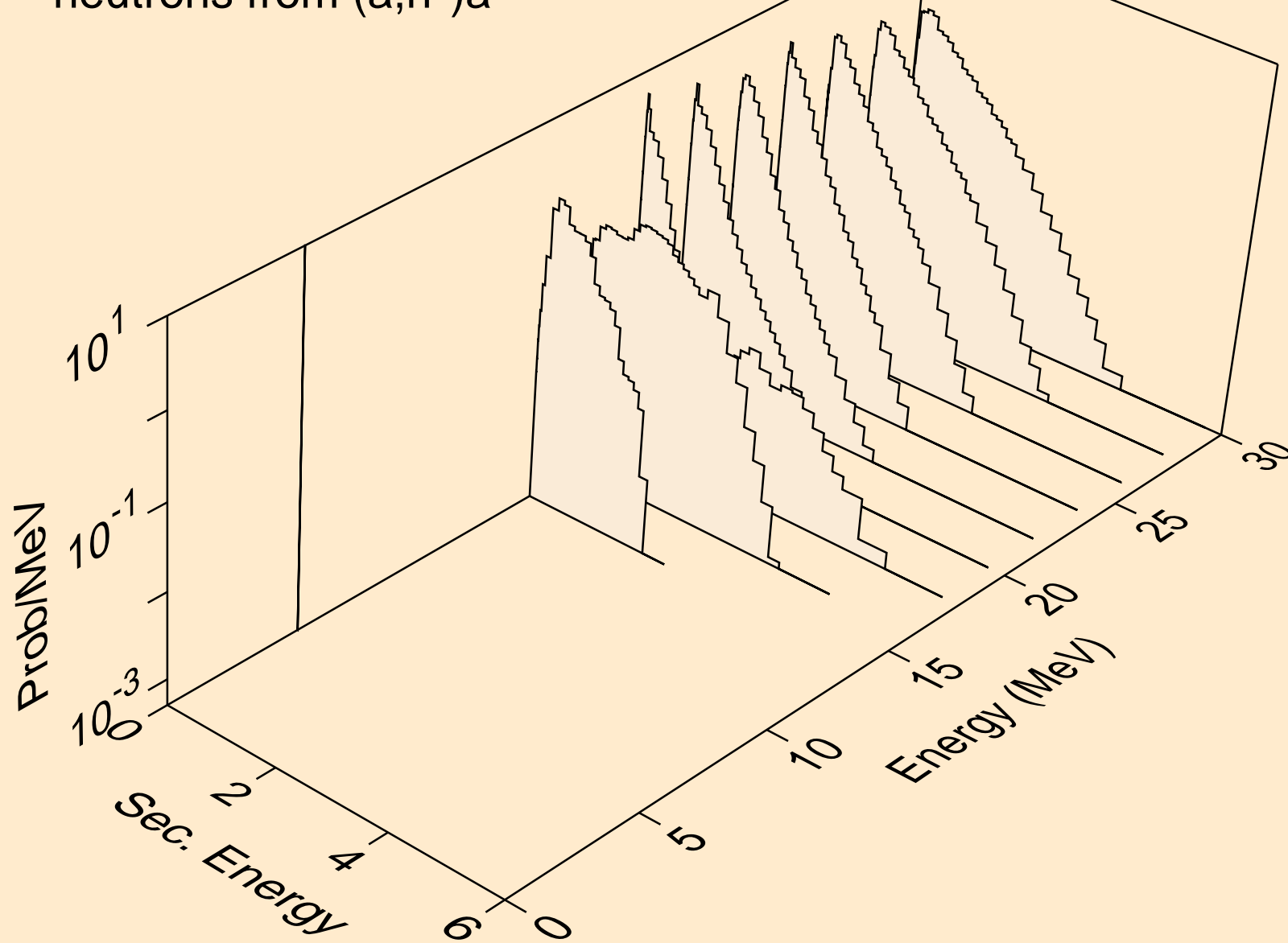
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



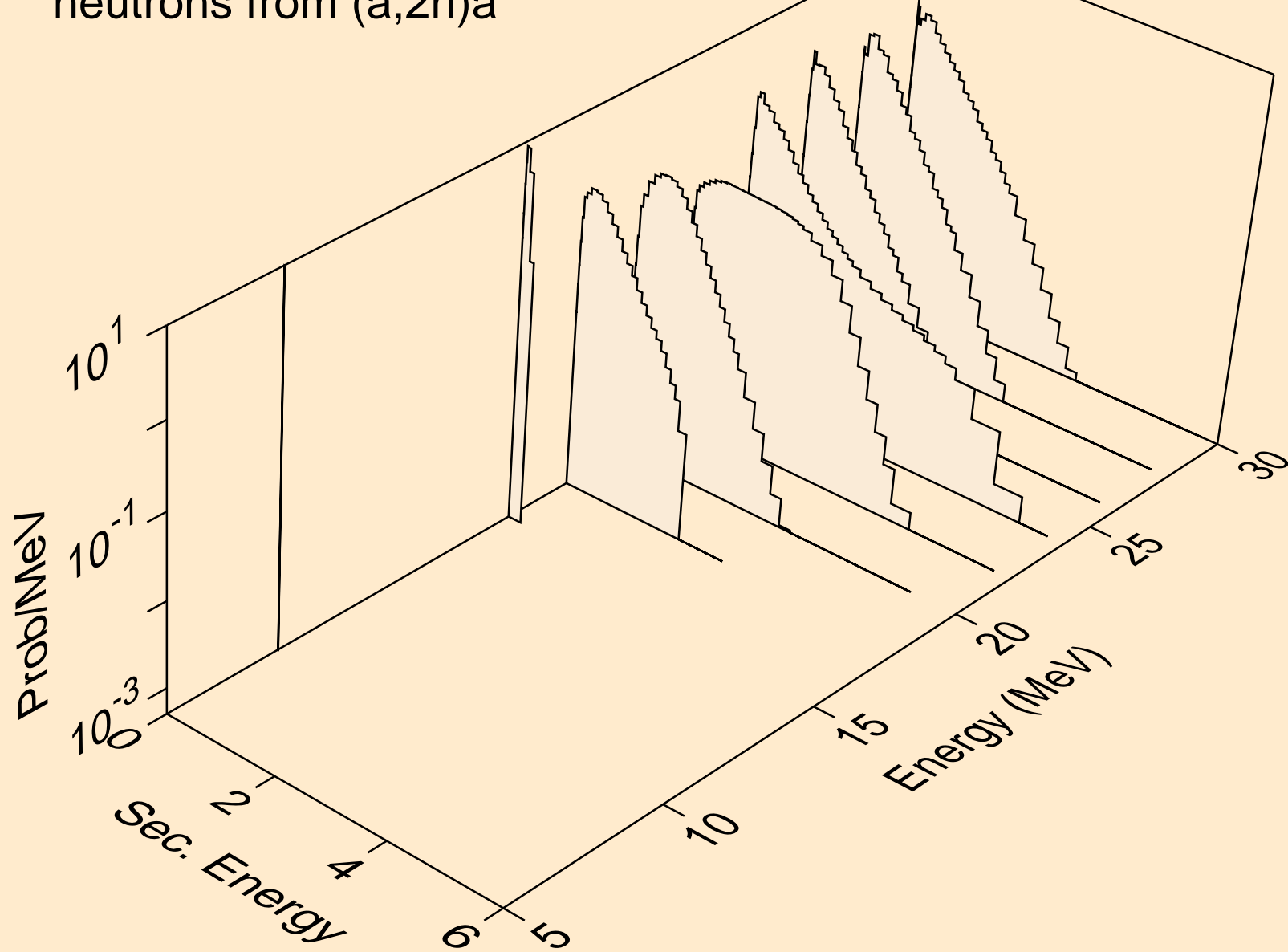
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



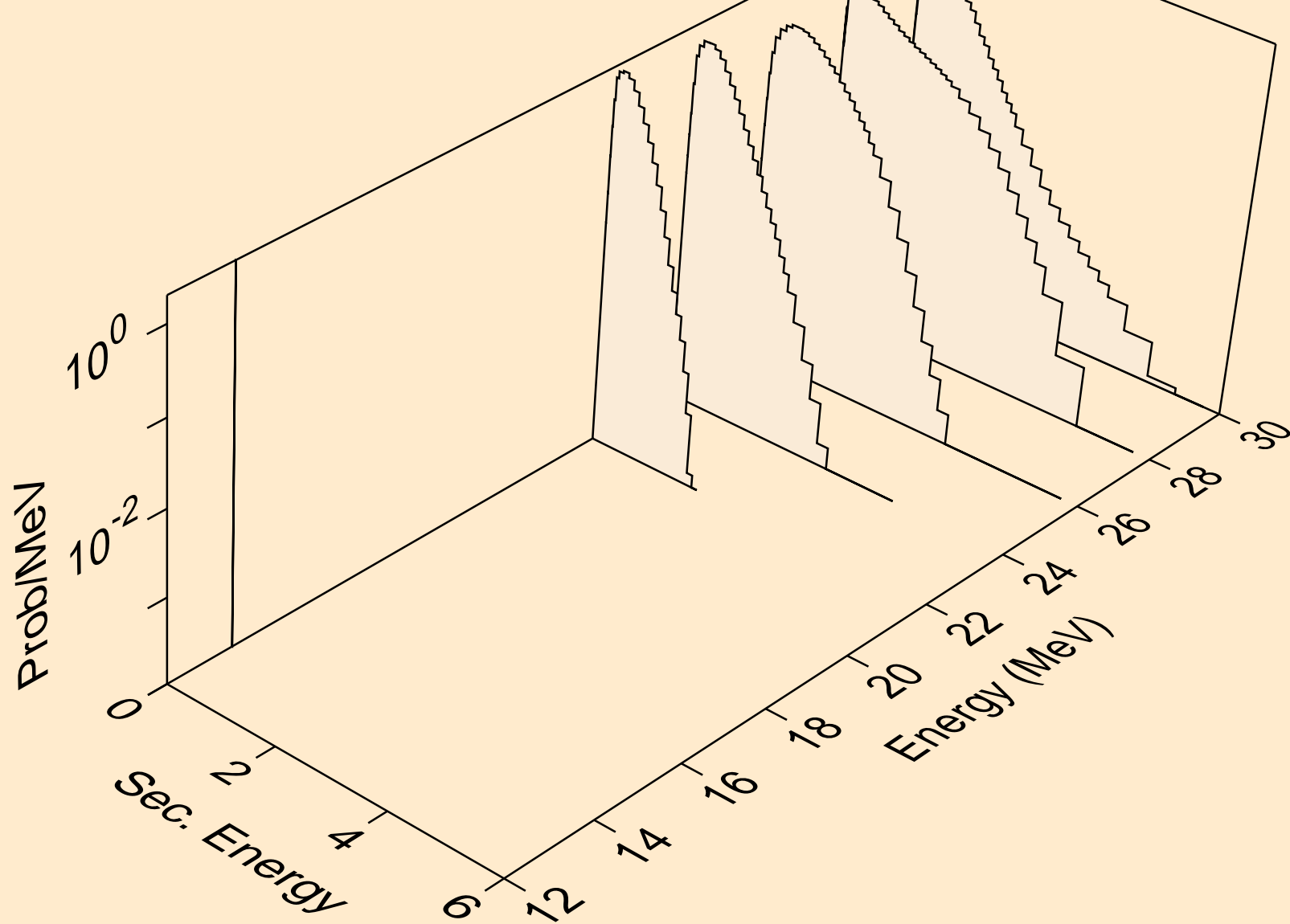
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



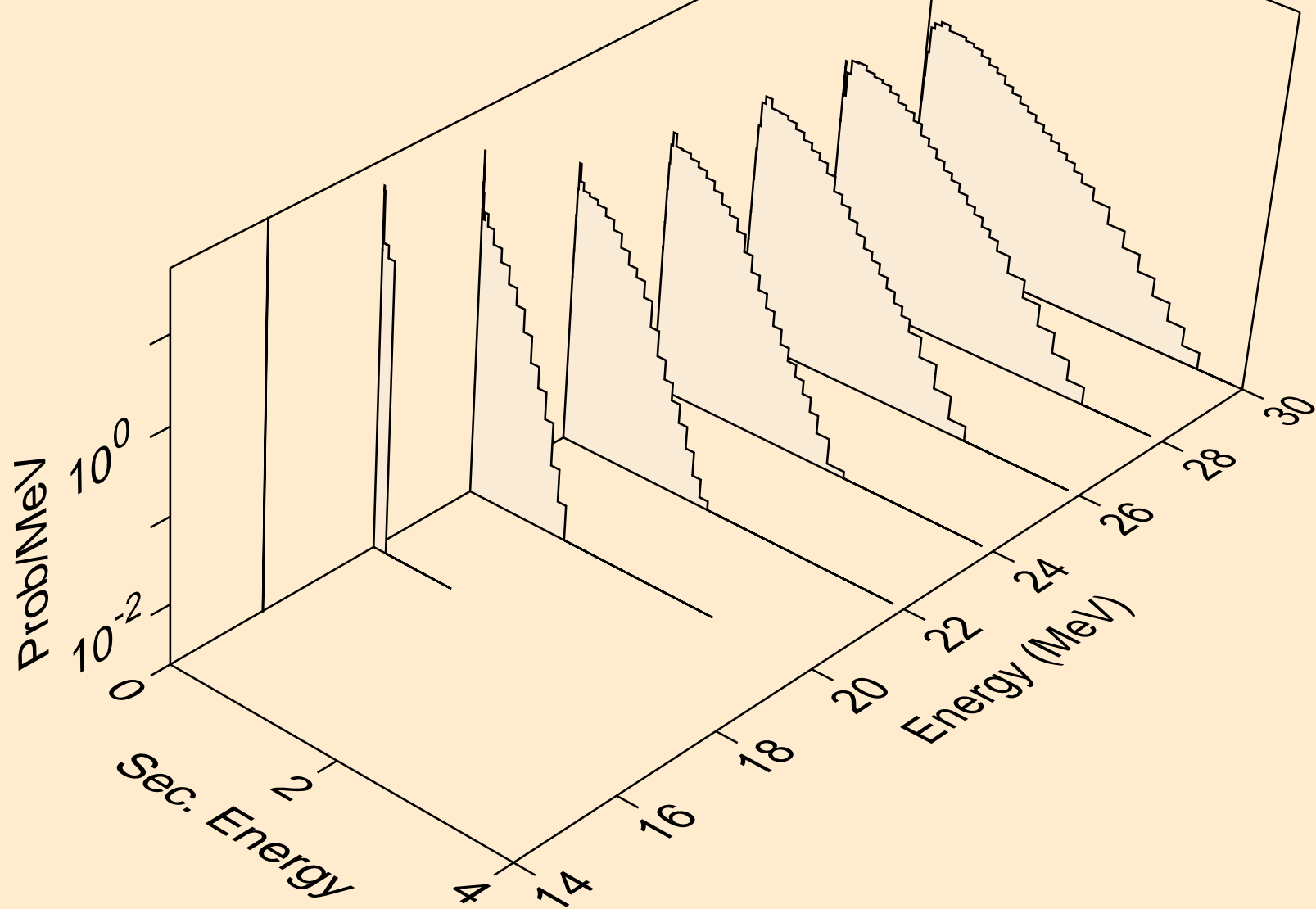
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



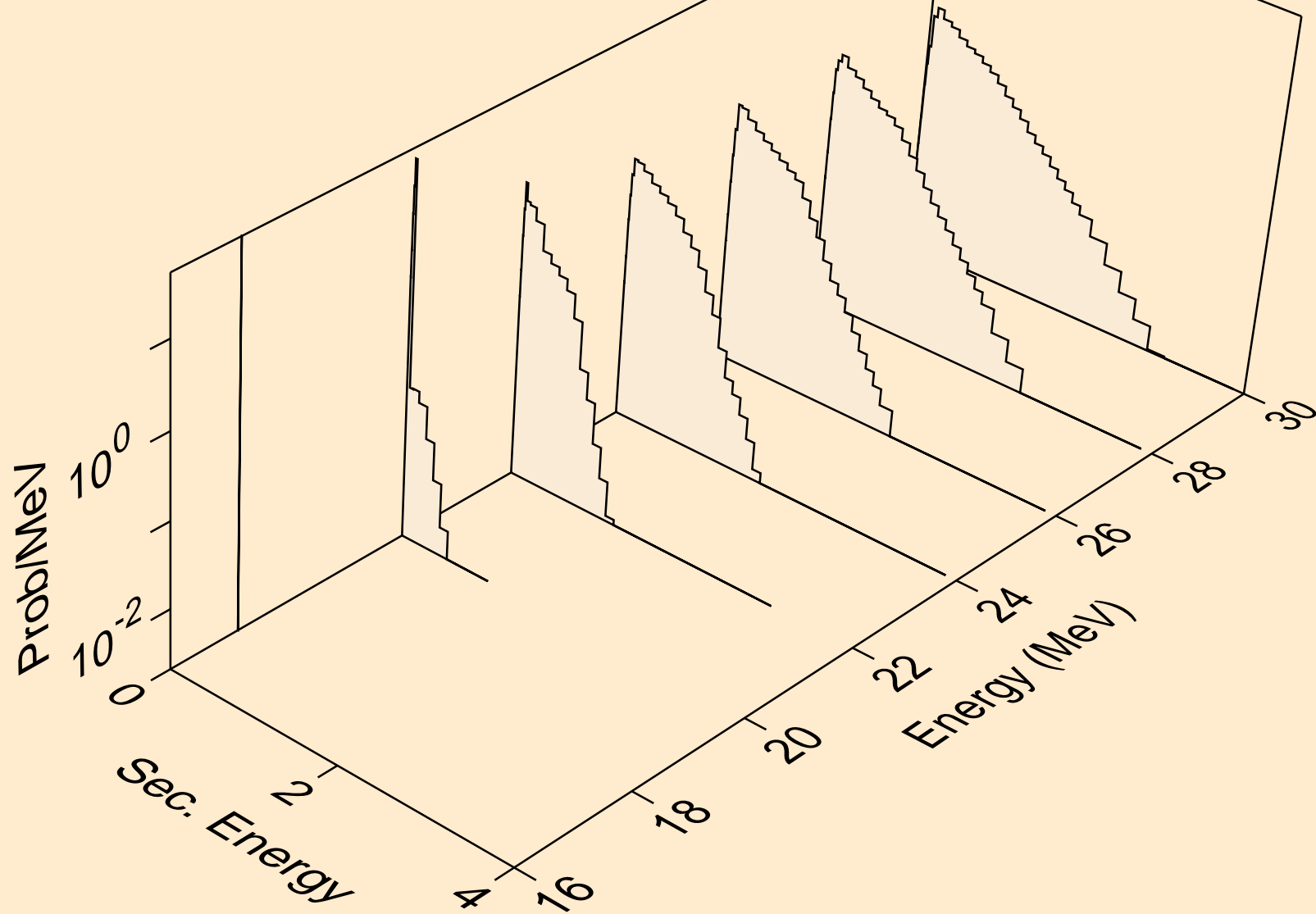
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



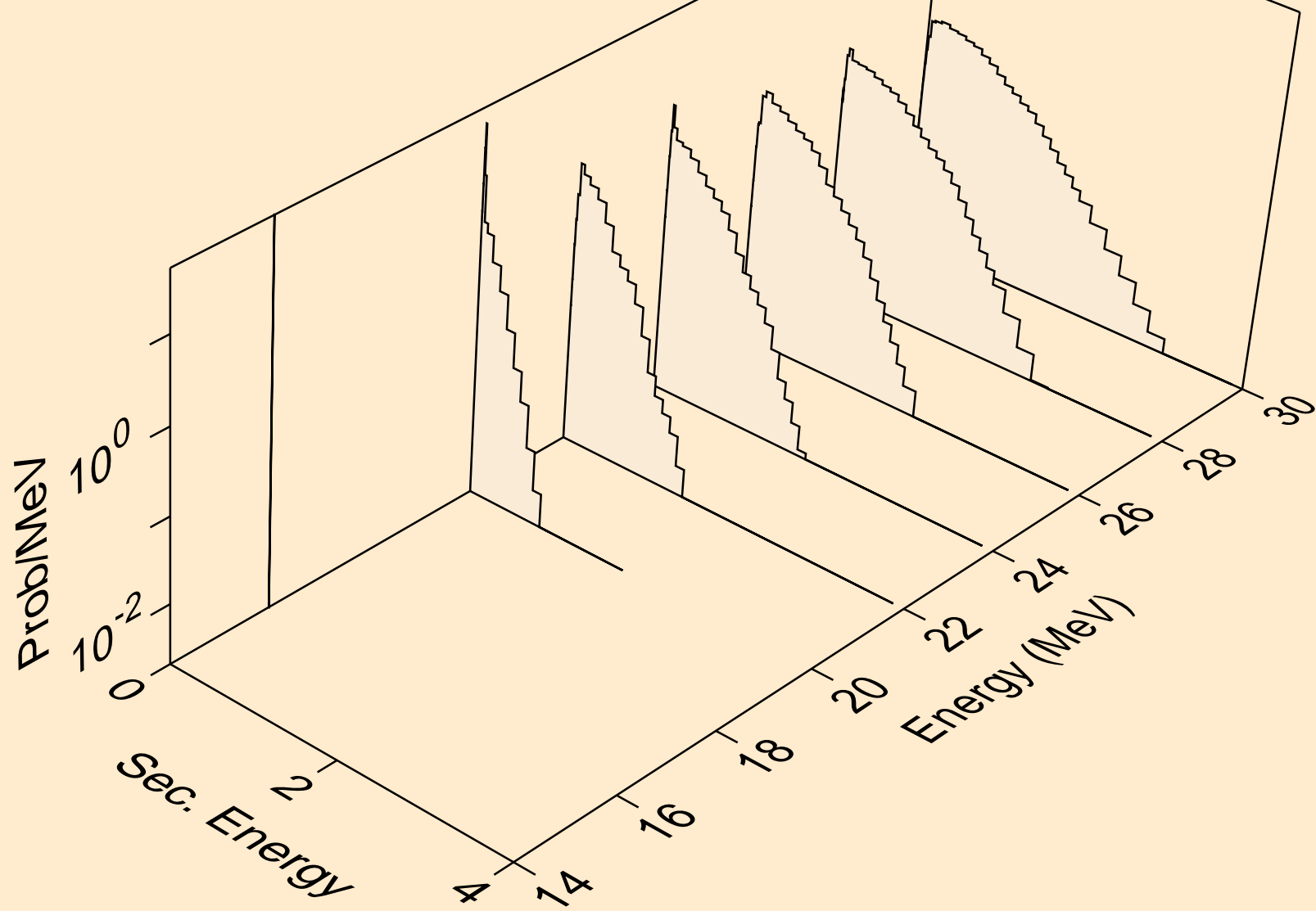
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



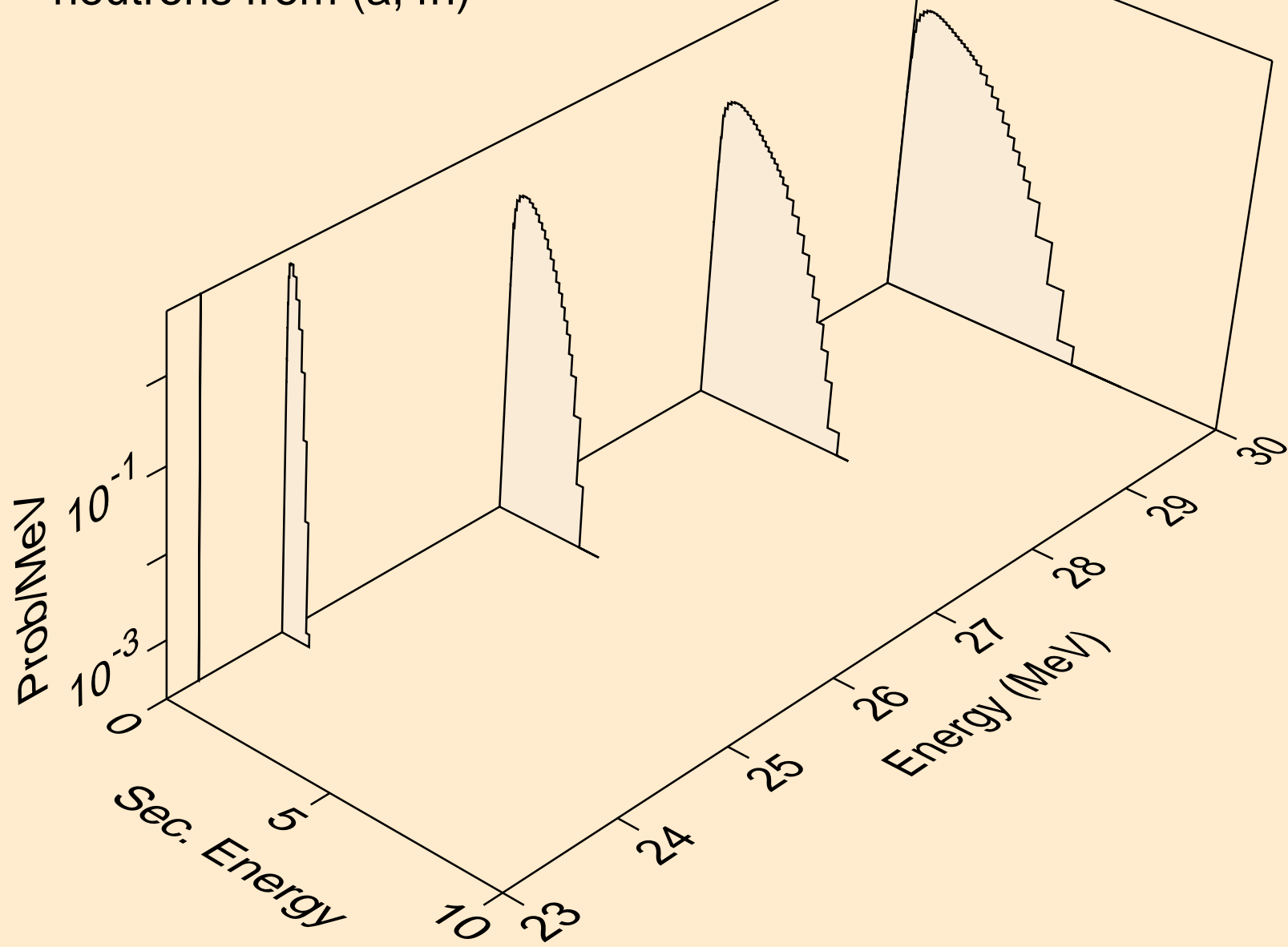
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



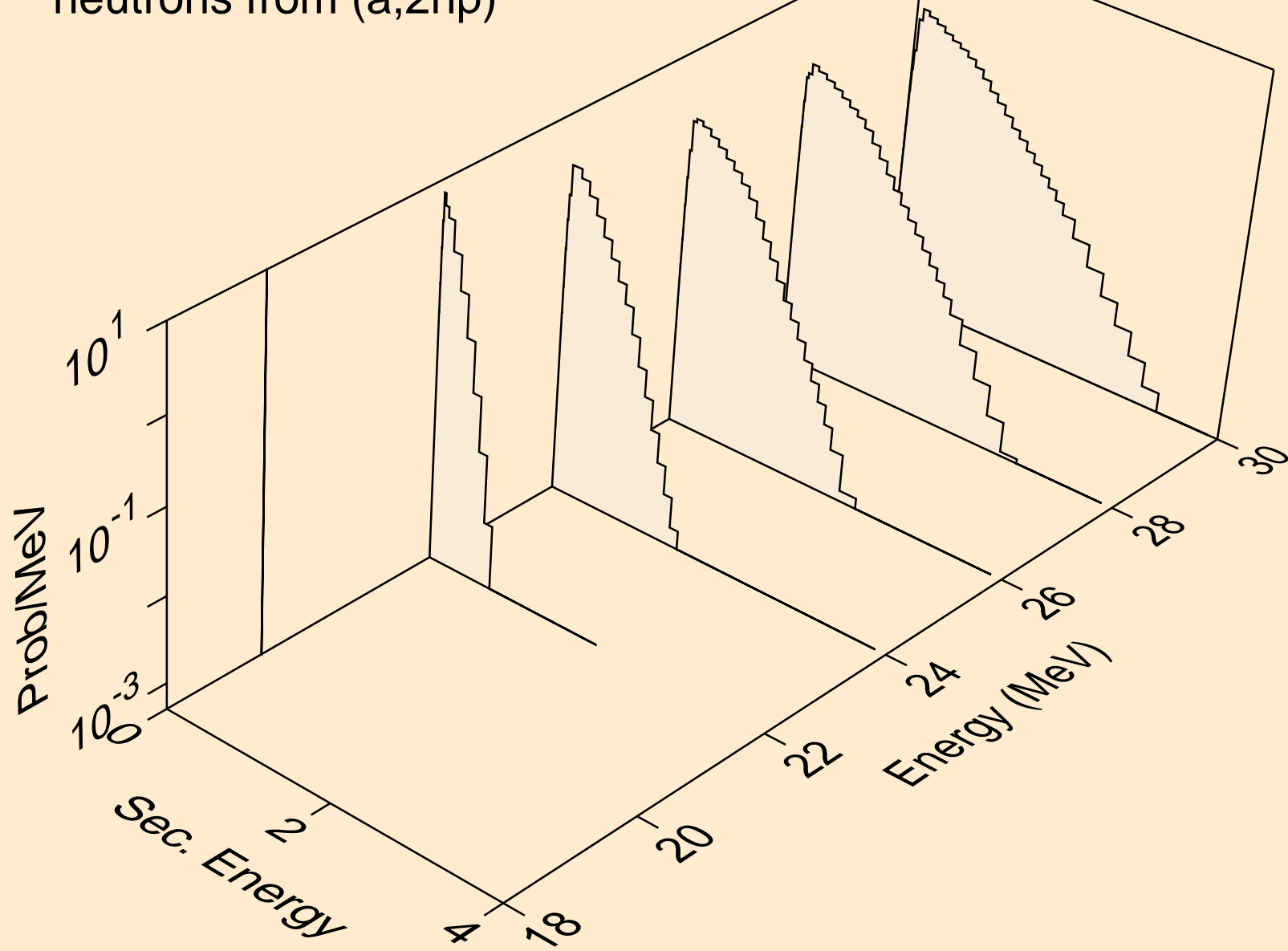
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



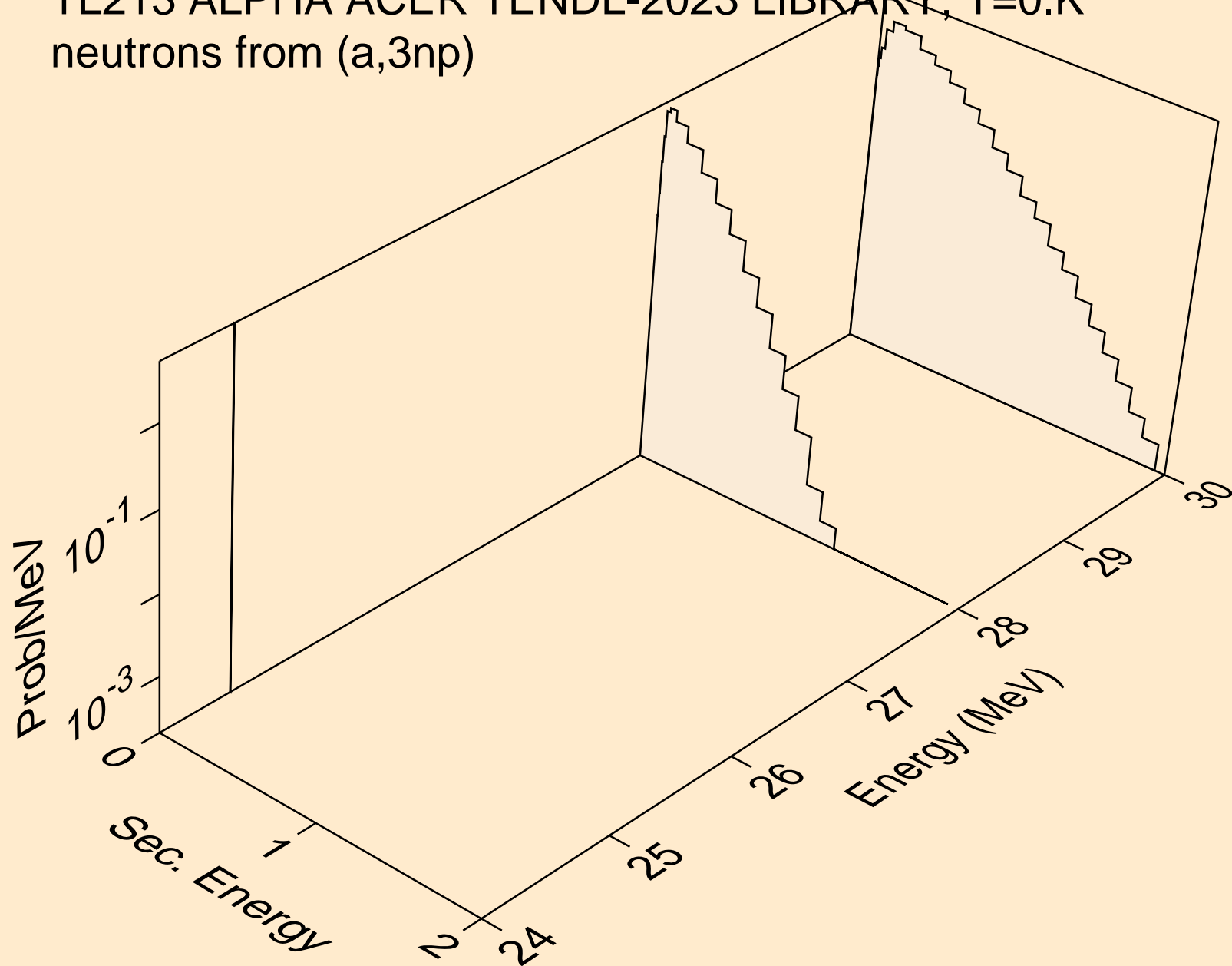
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



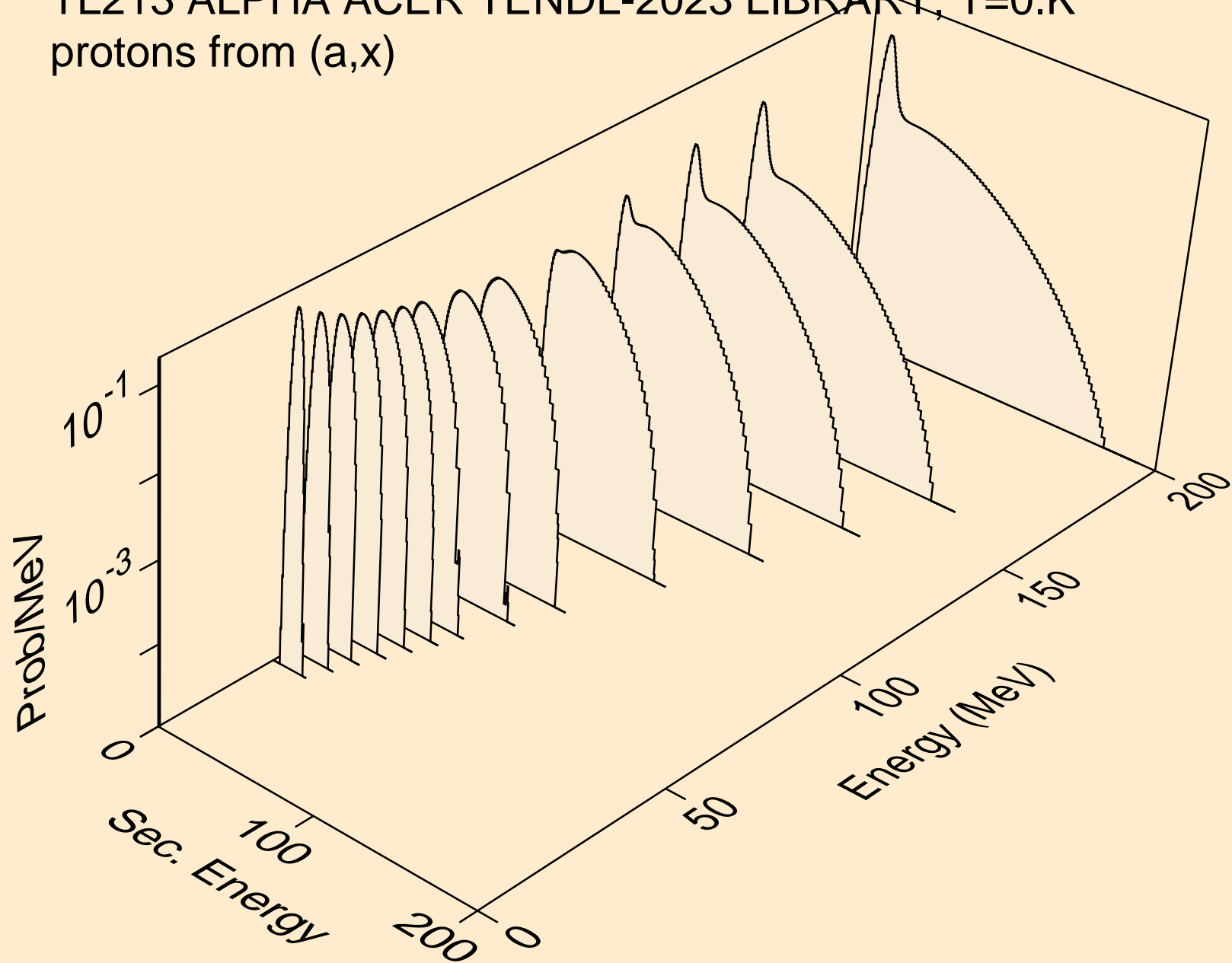
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



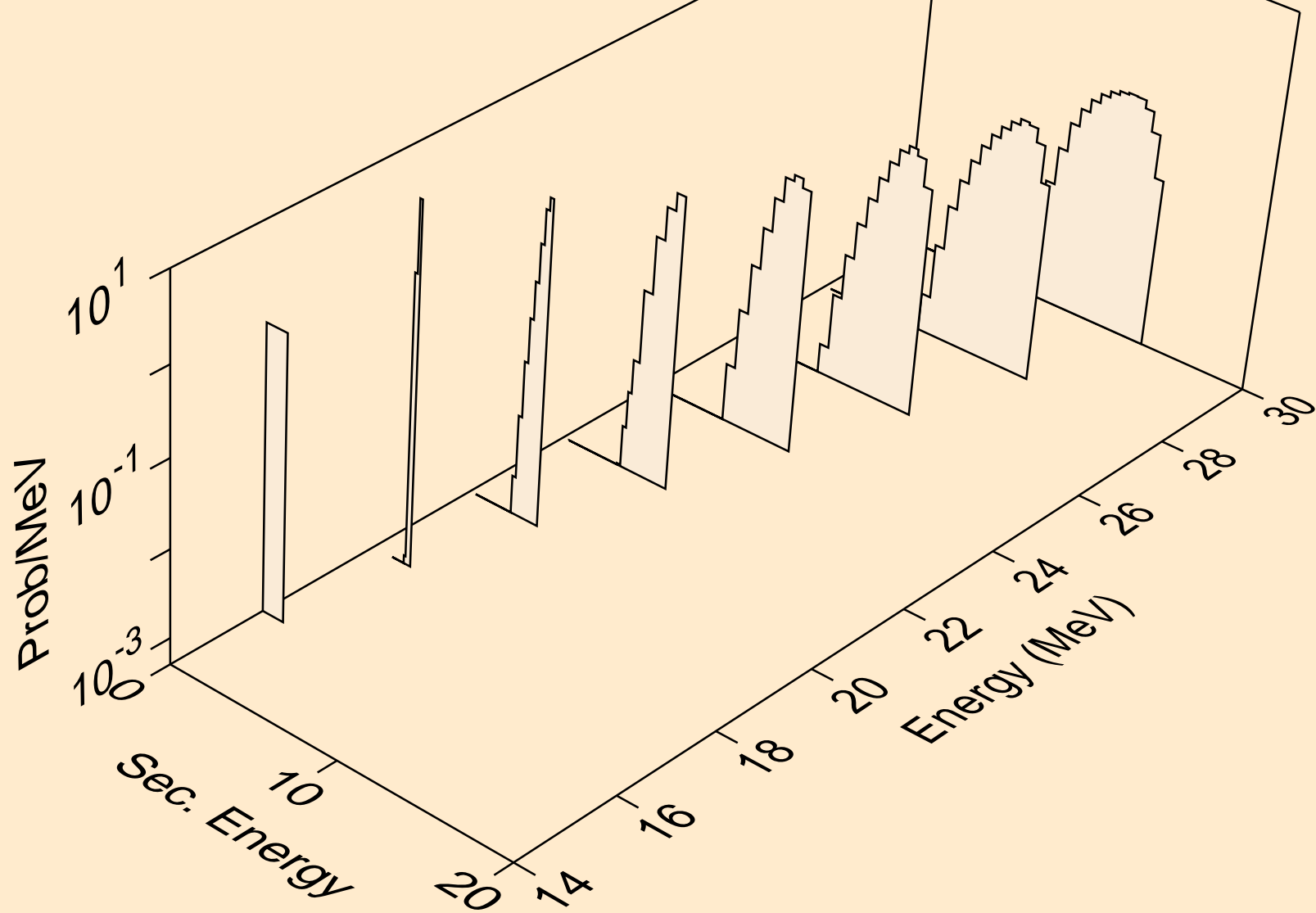
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



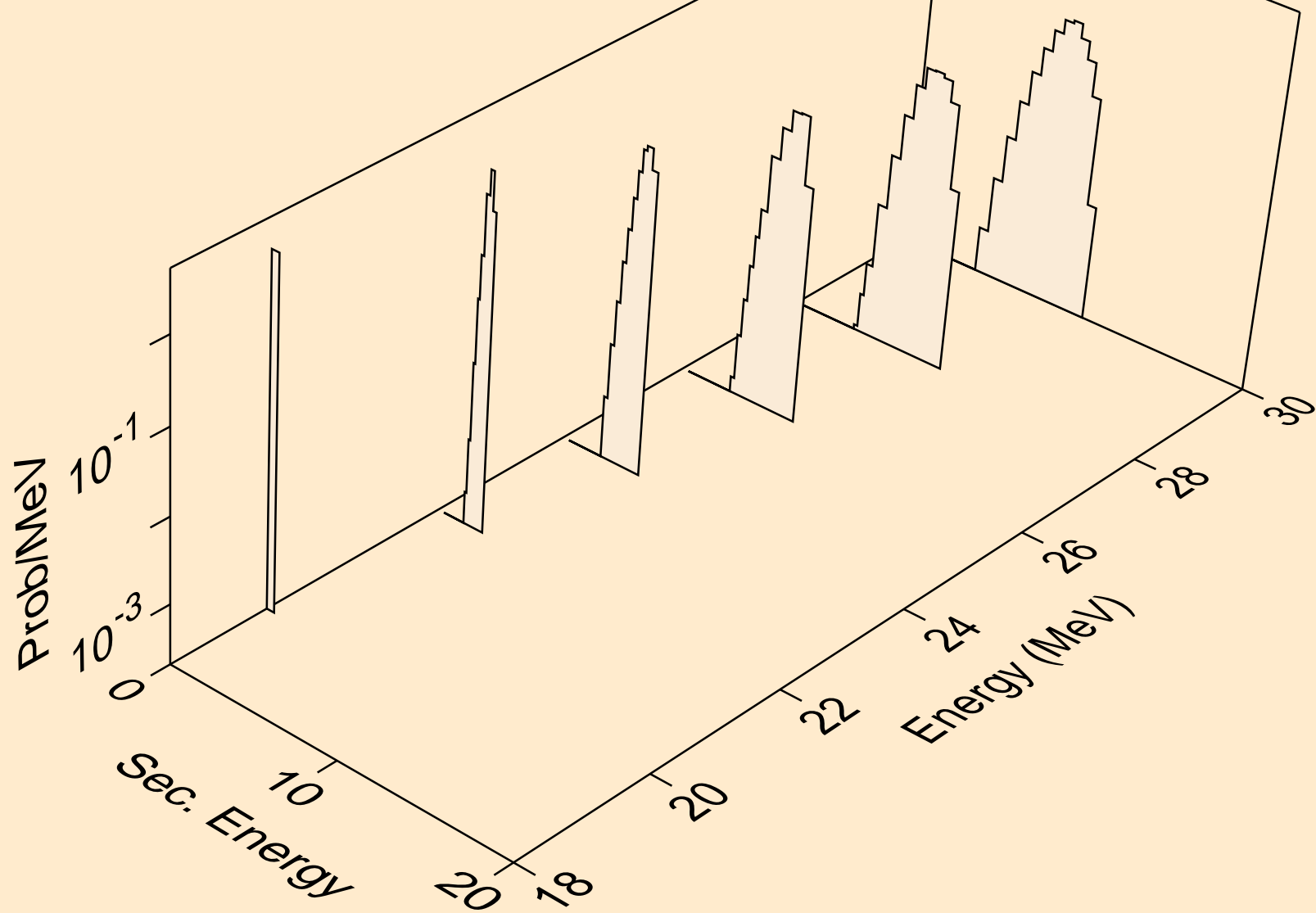
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



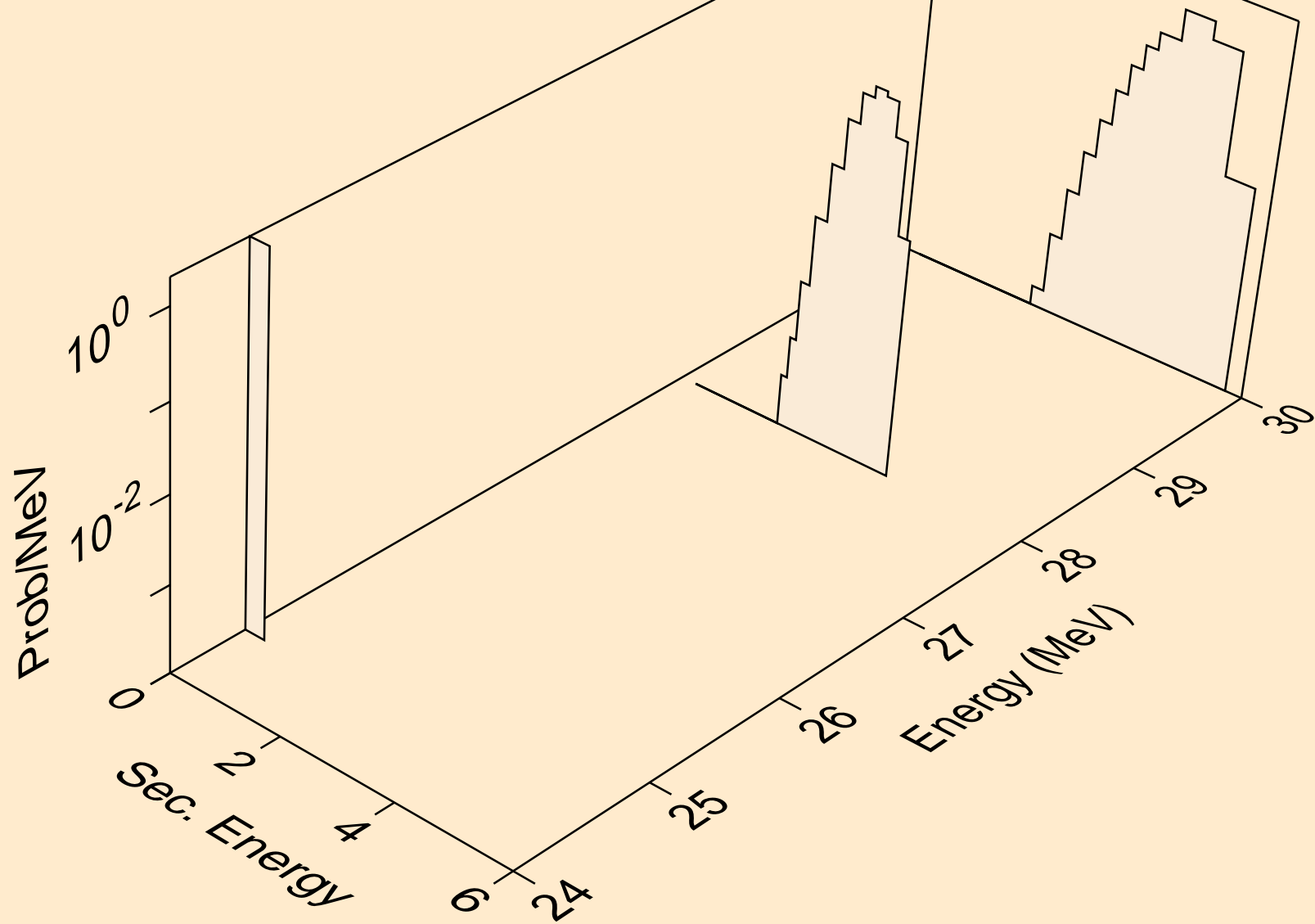
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



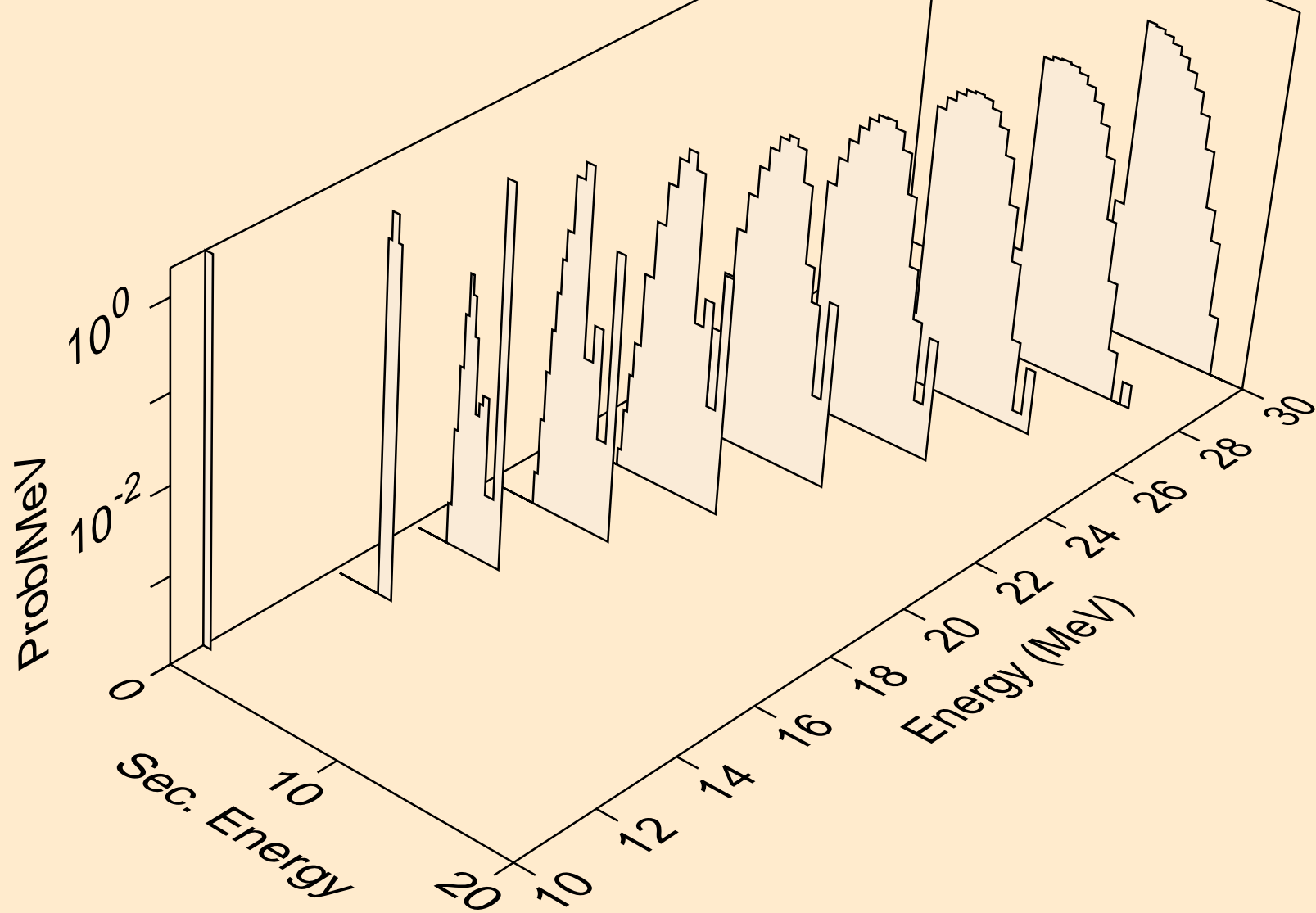
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



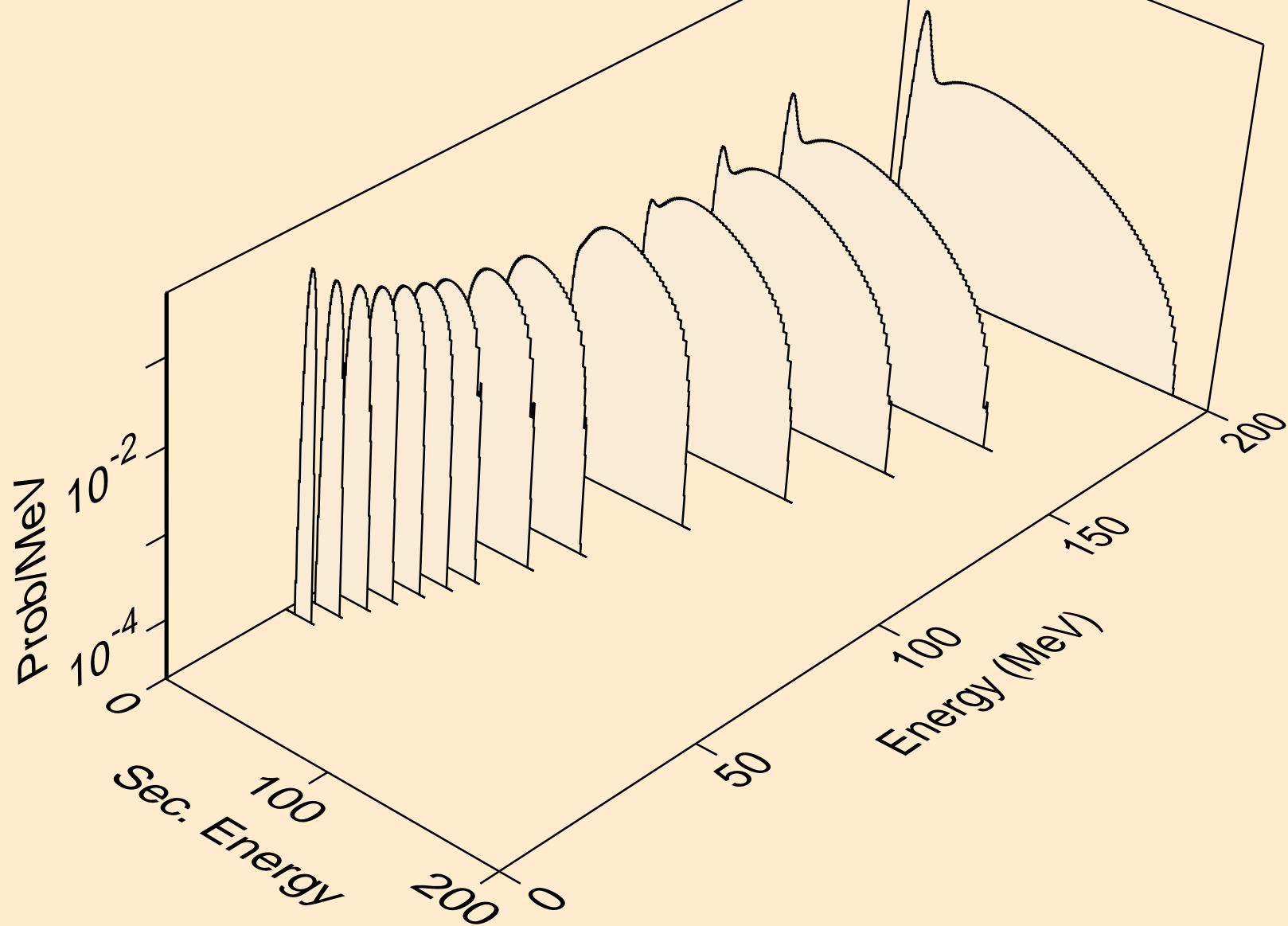
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



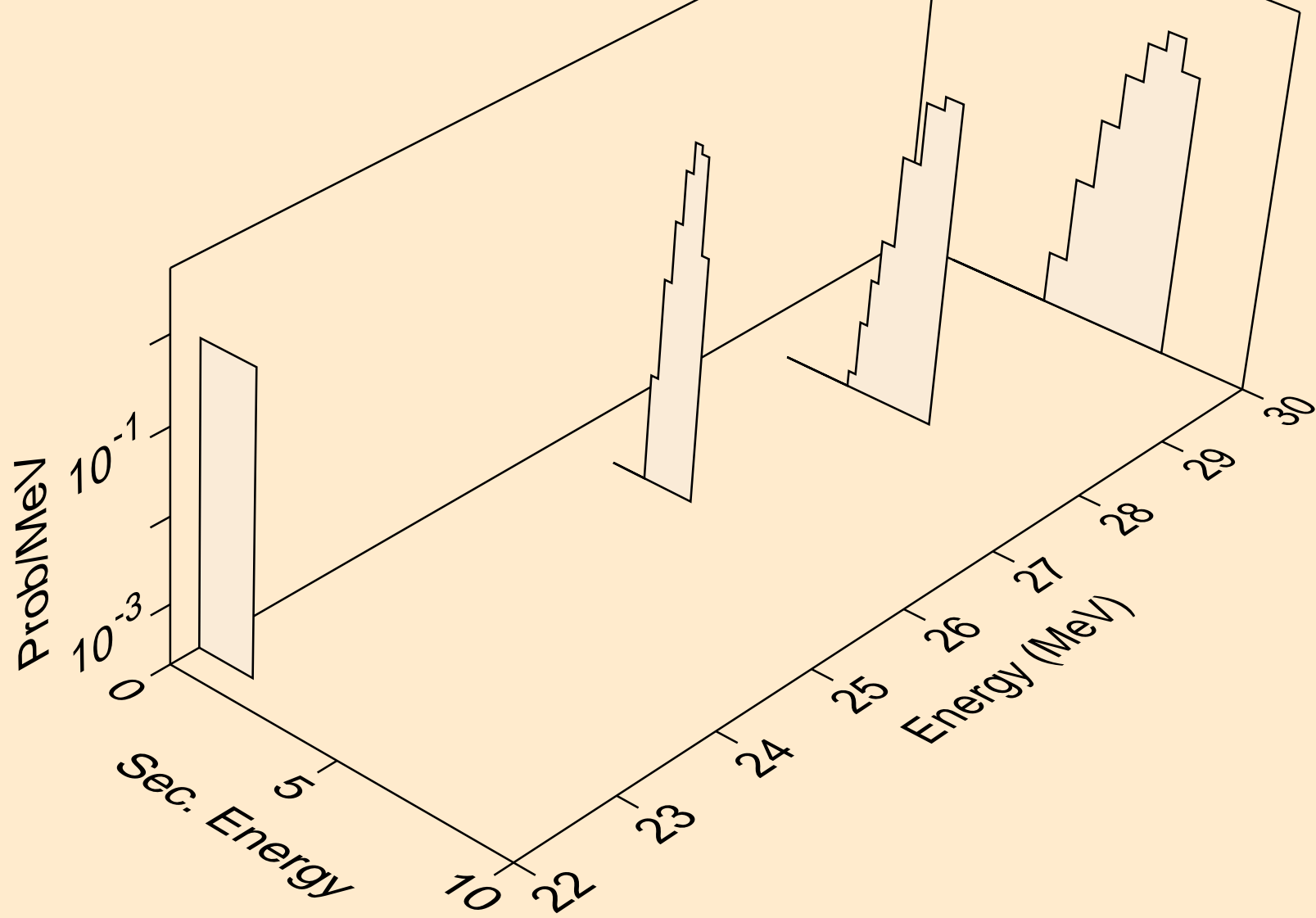
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



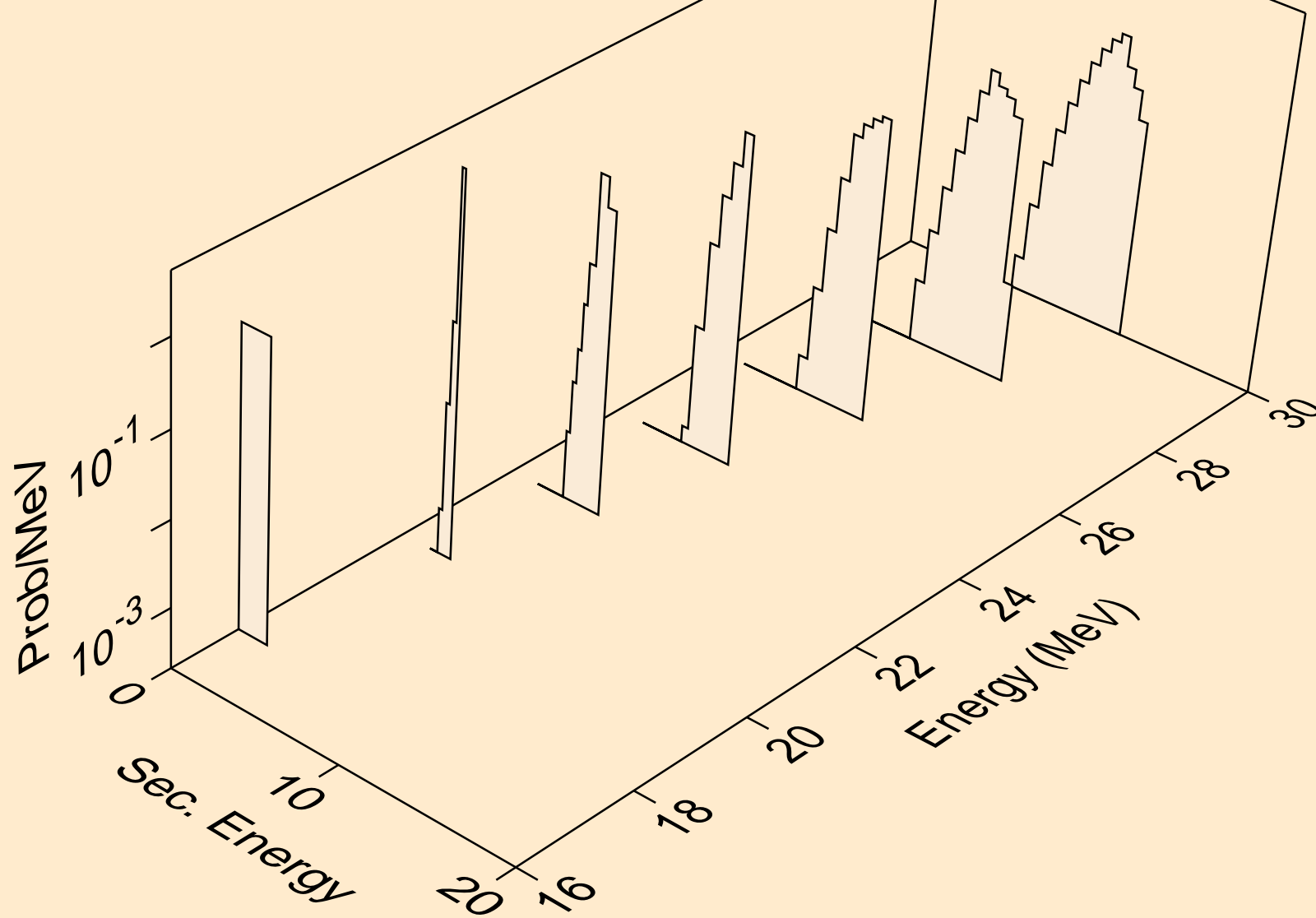
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



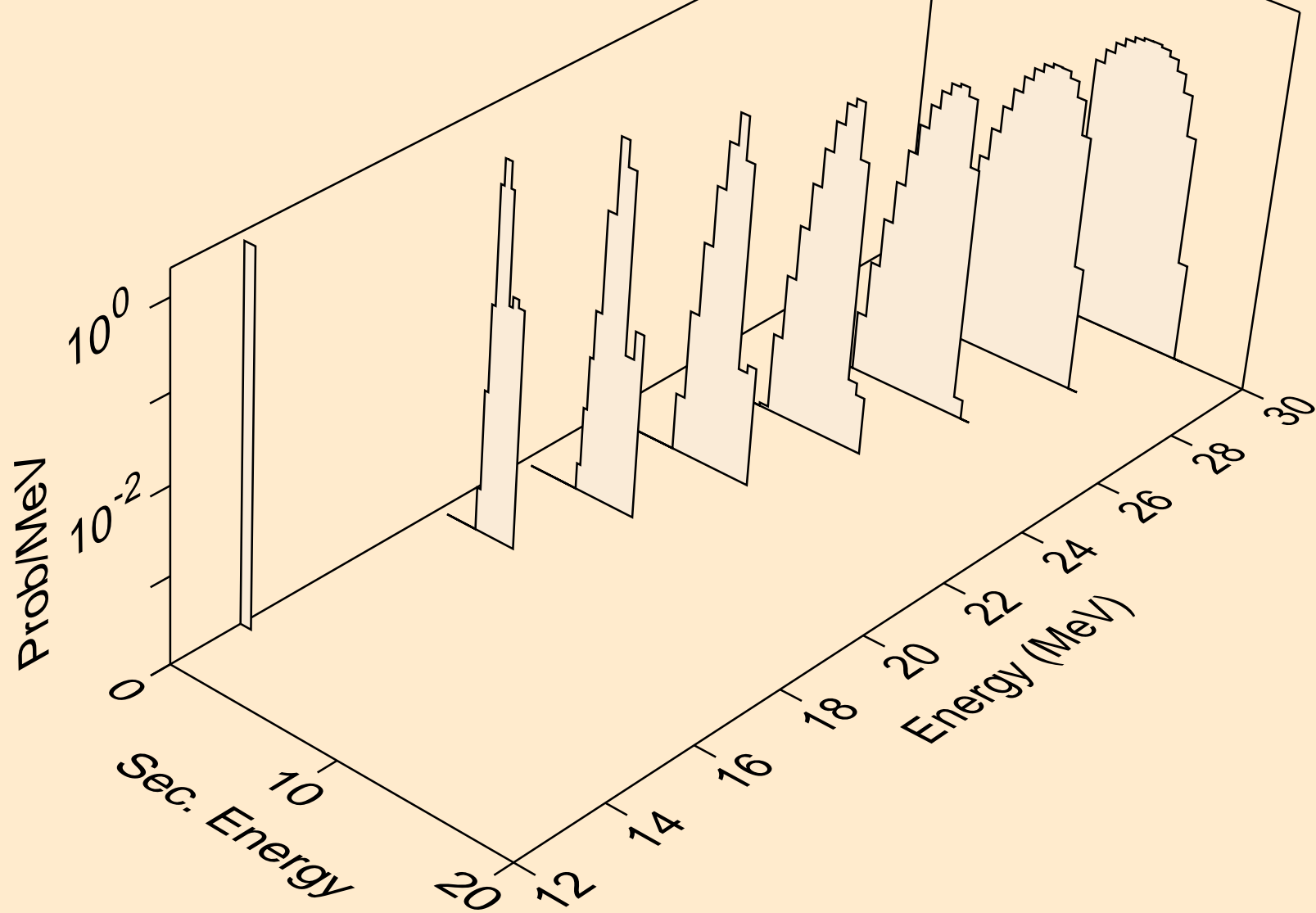
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



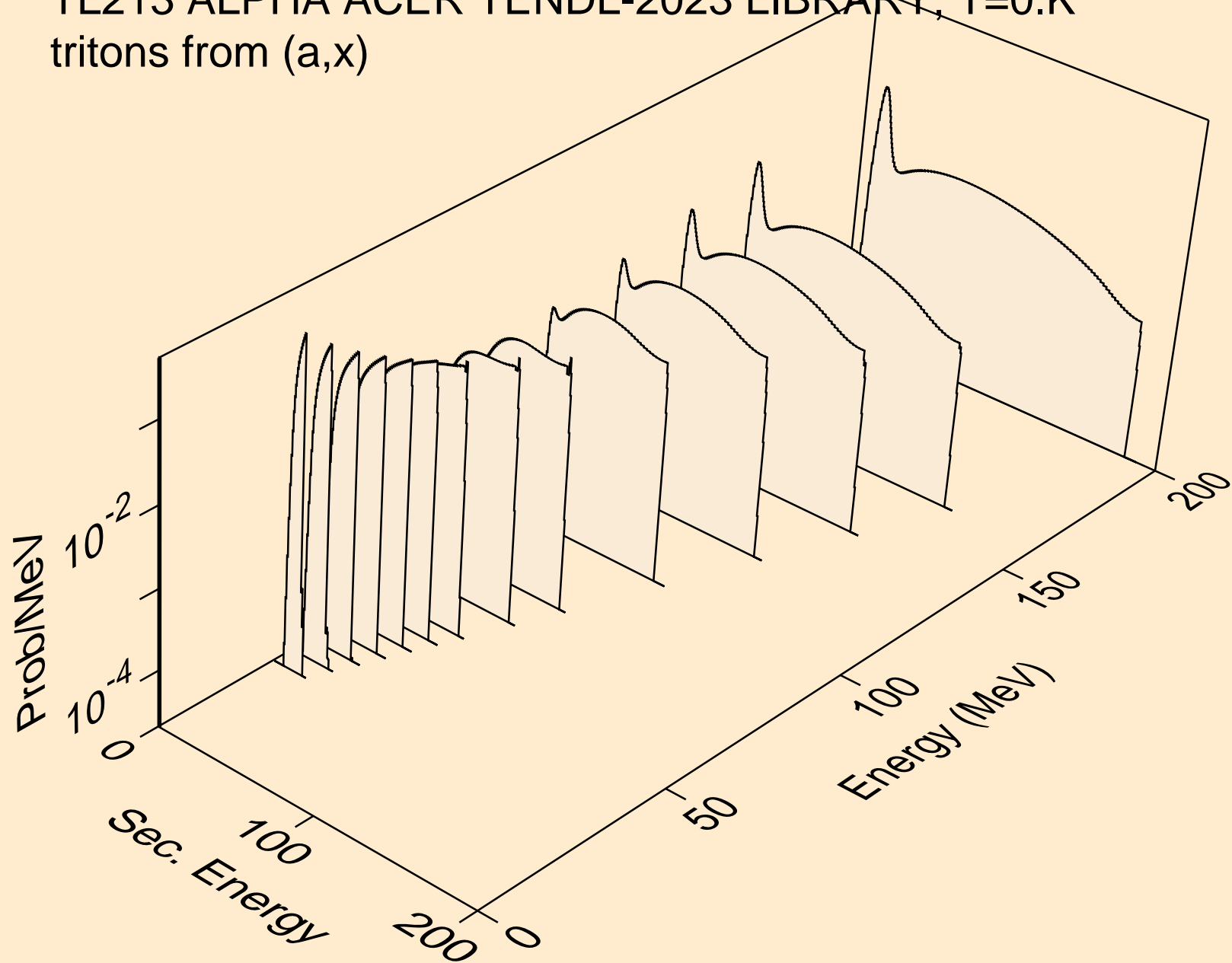
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



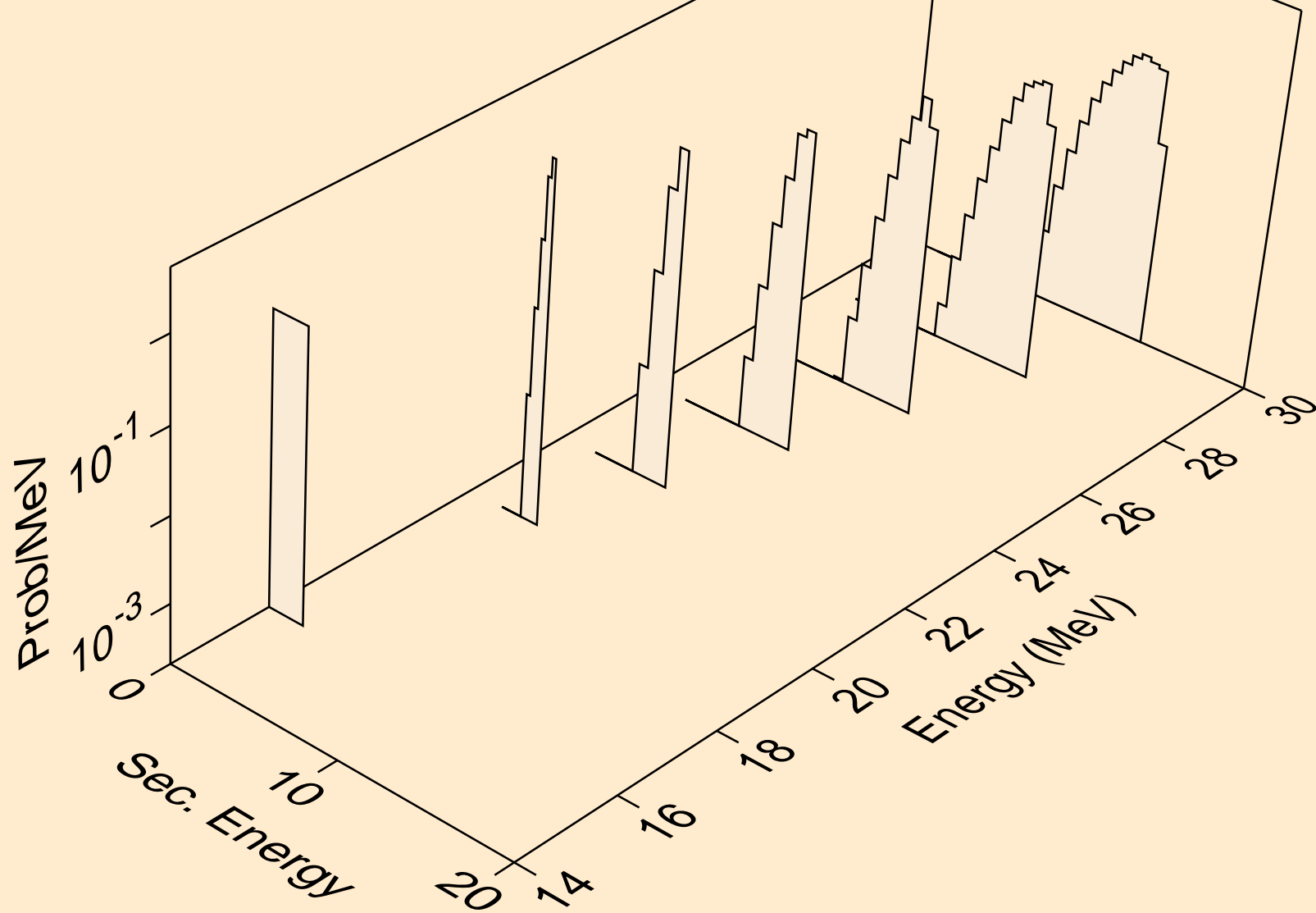
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



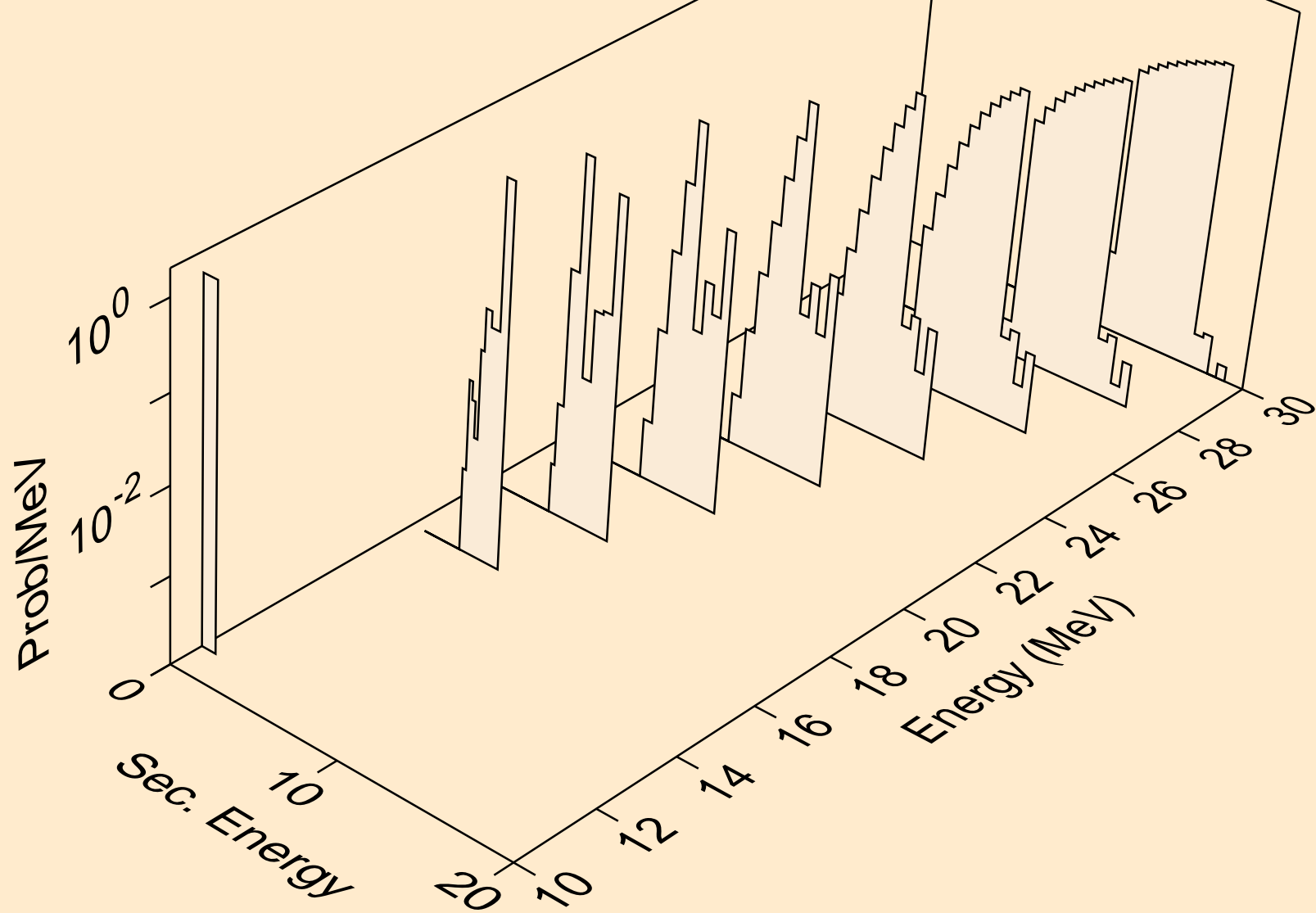
TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



TL213 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)

