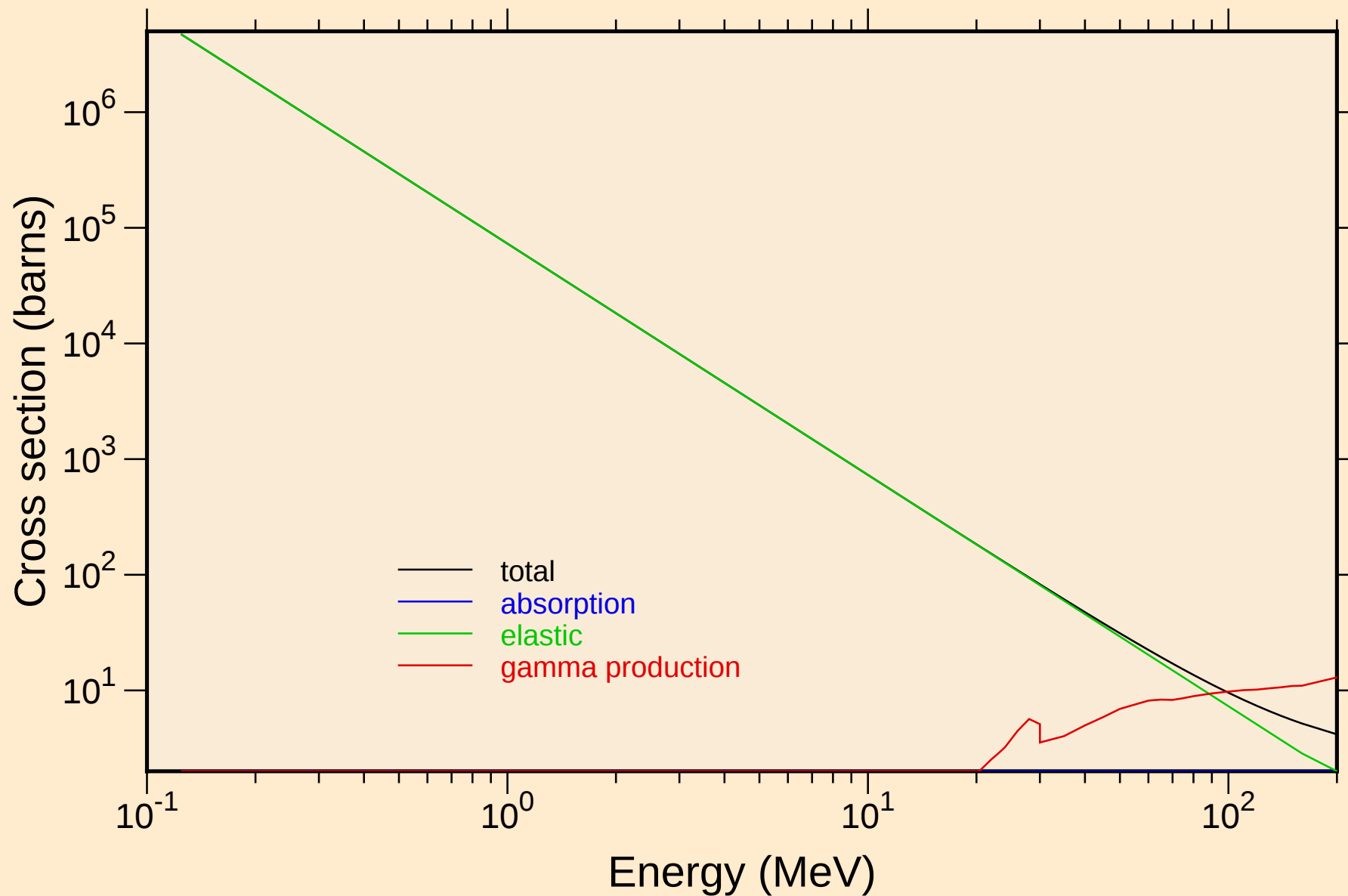


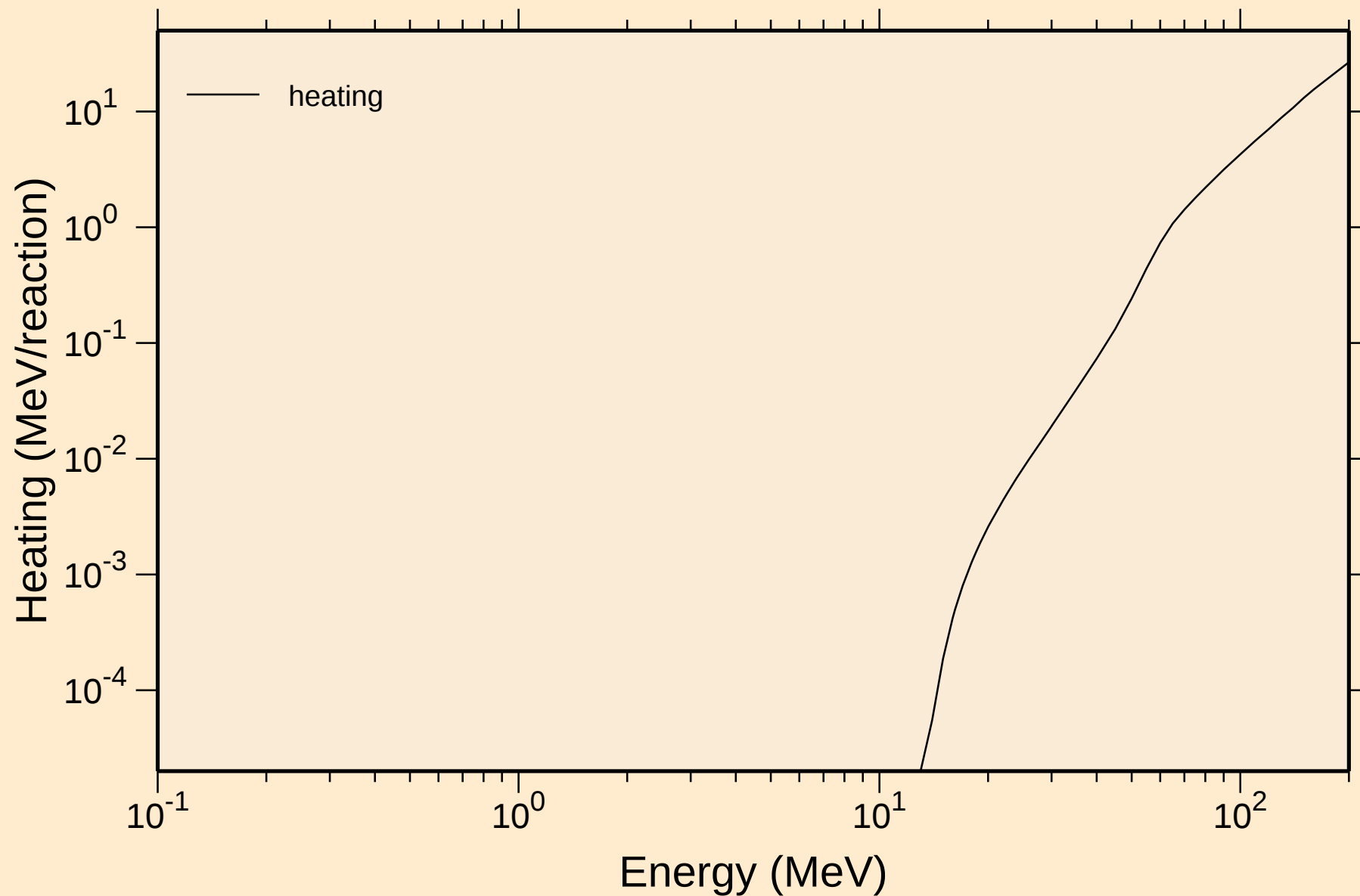
# I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



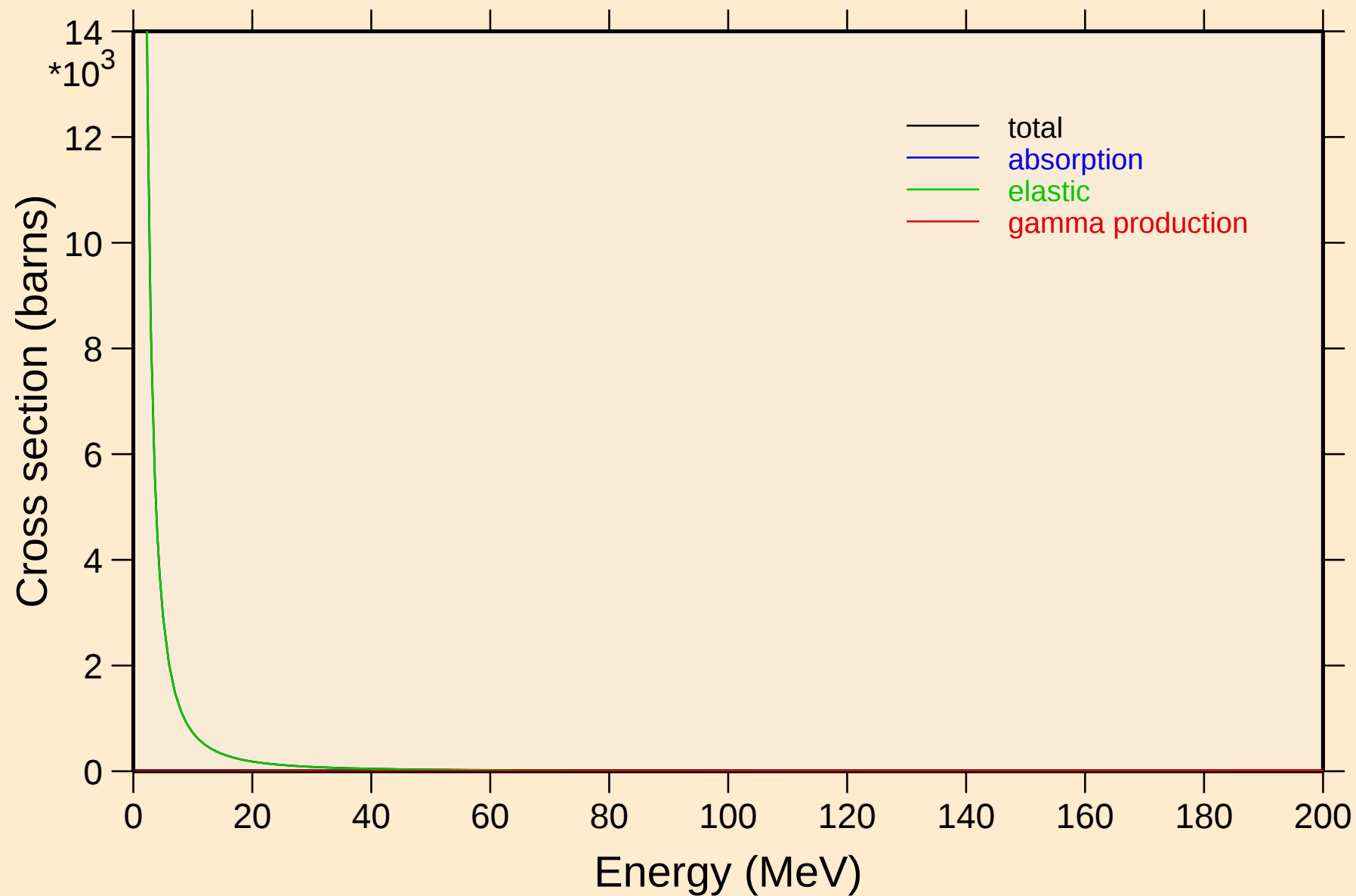
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



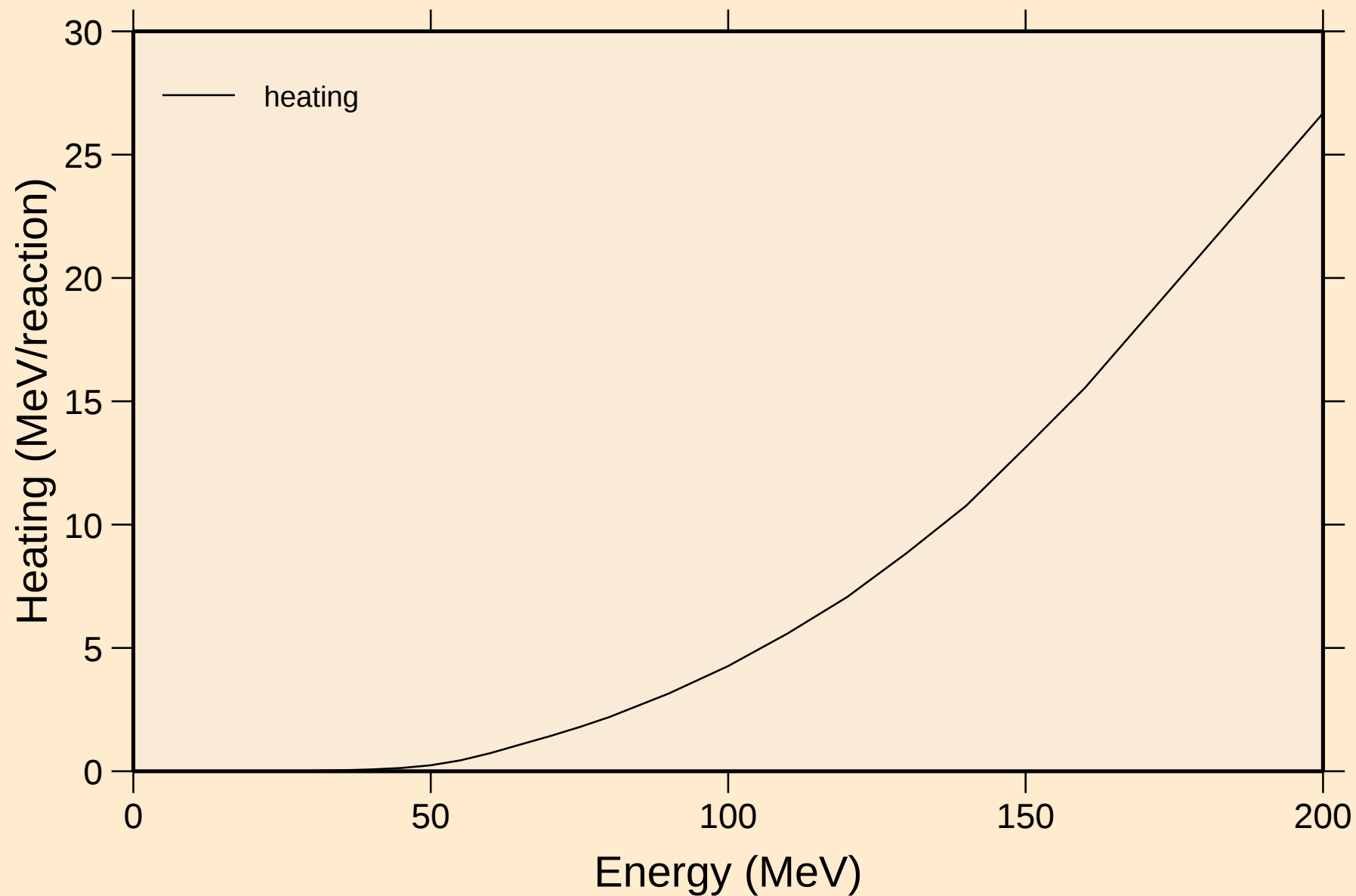
# I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



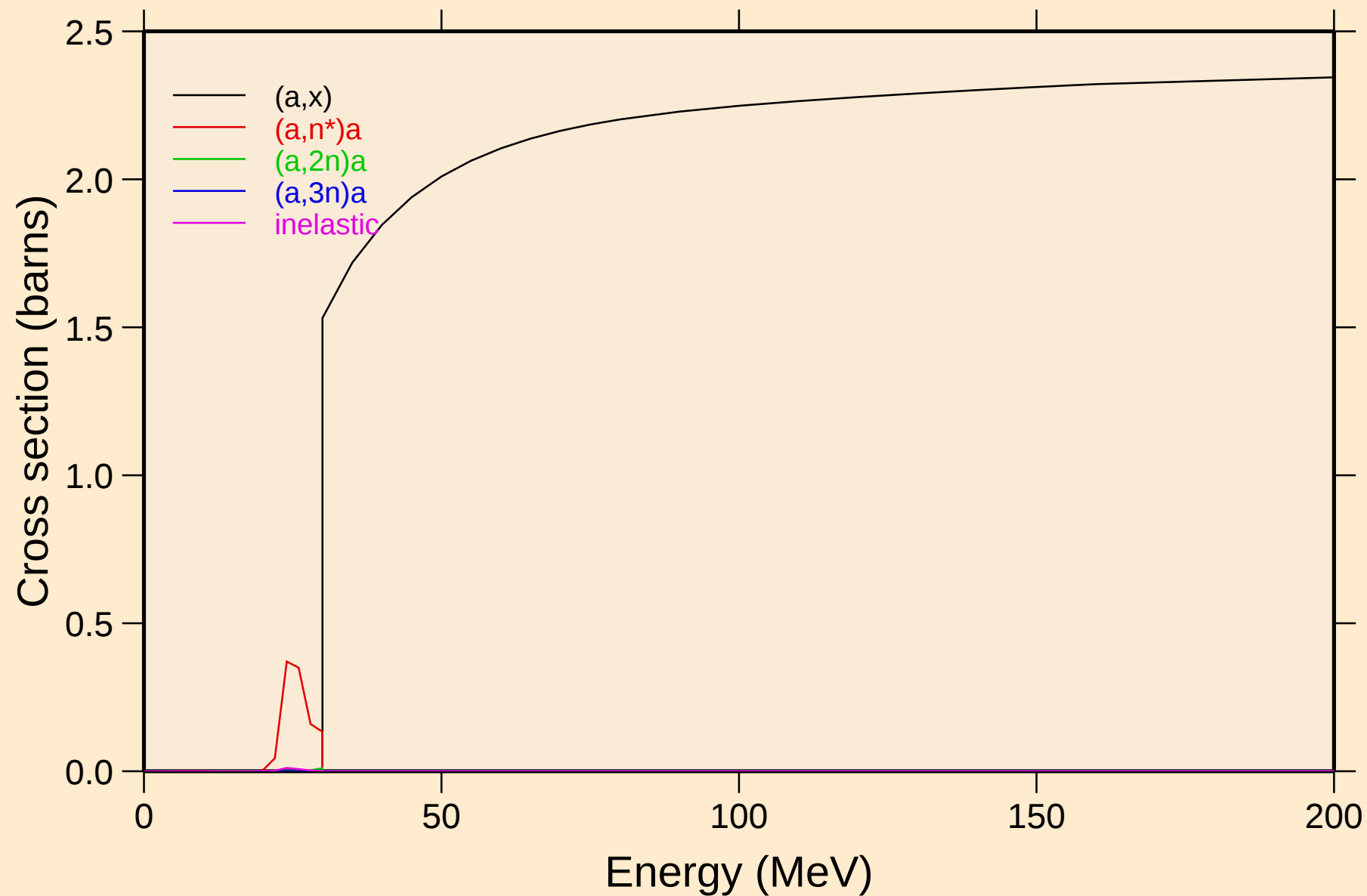
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



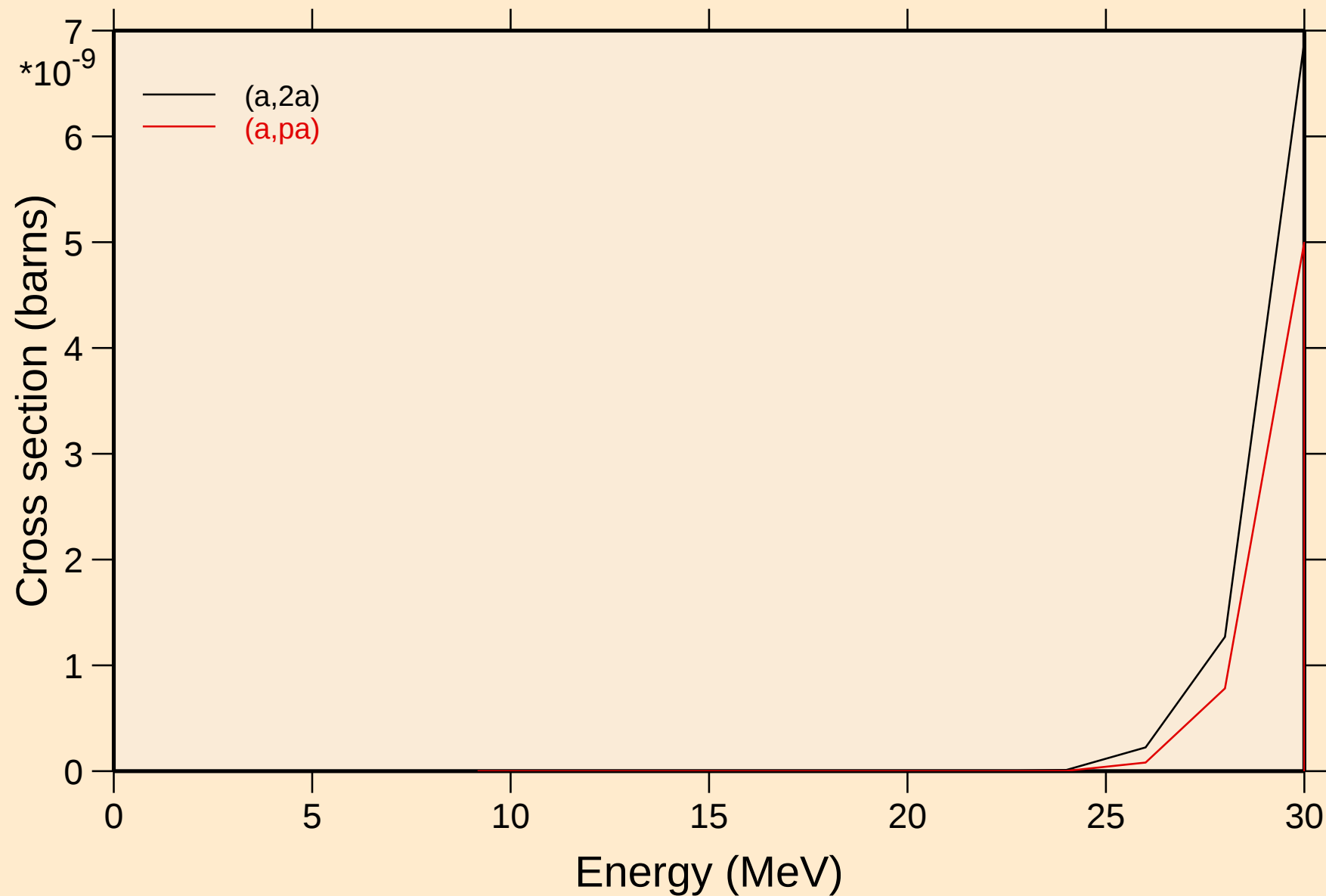
# I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

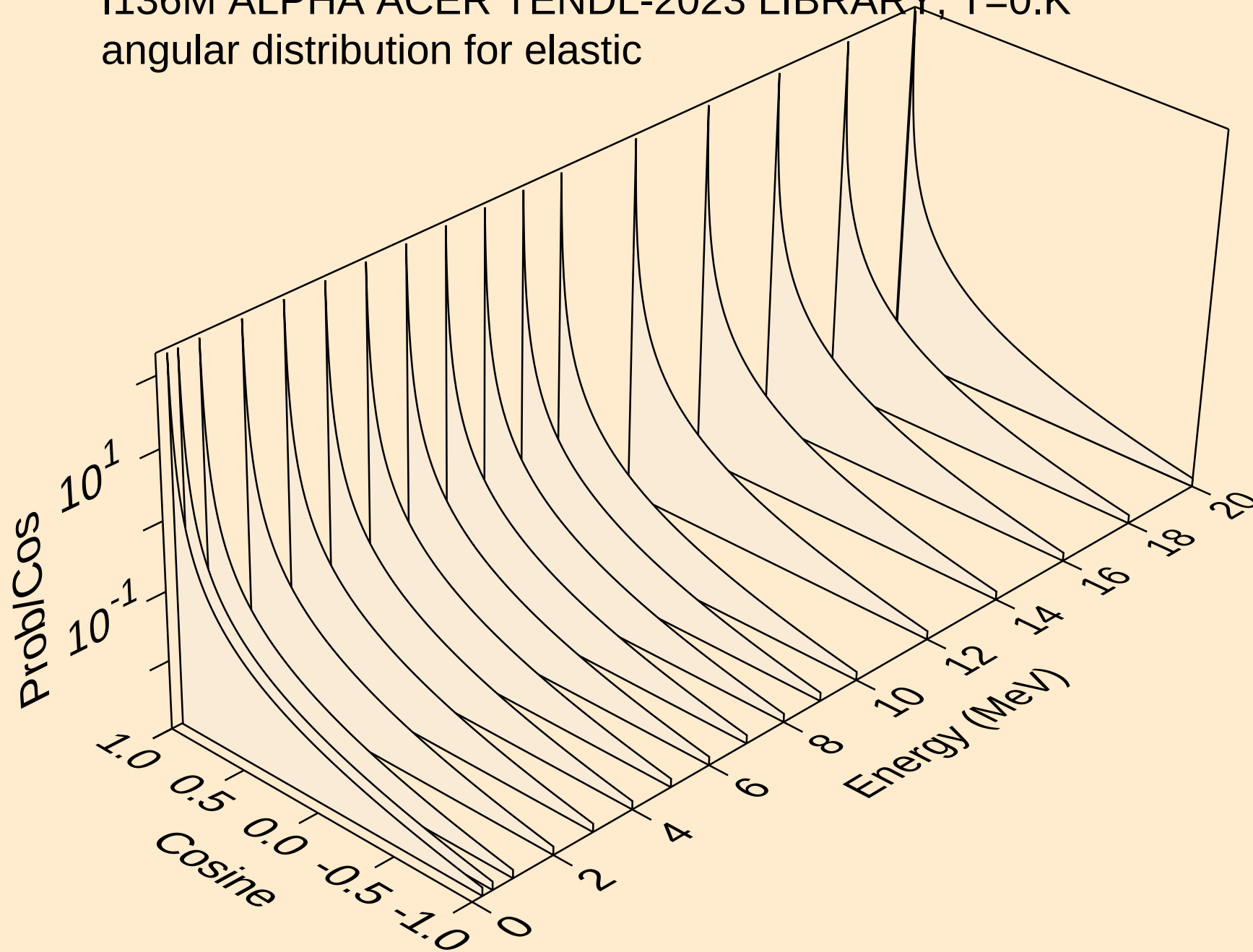


# I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

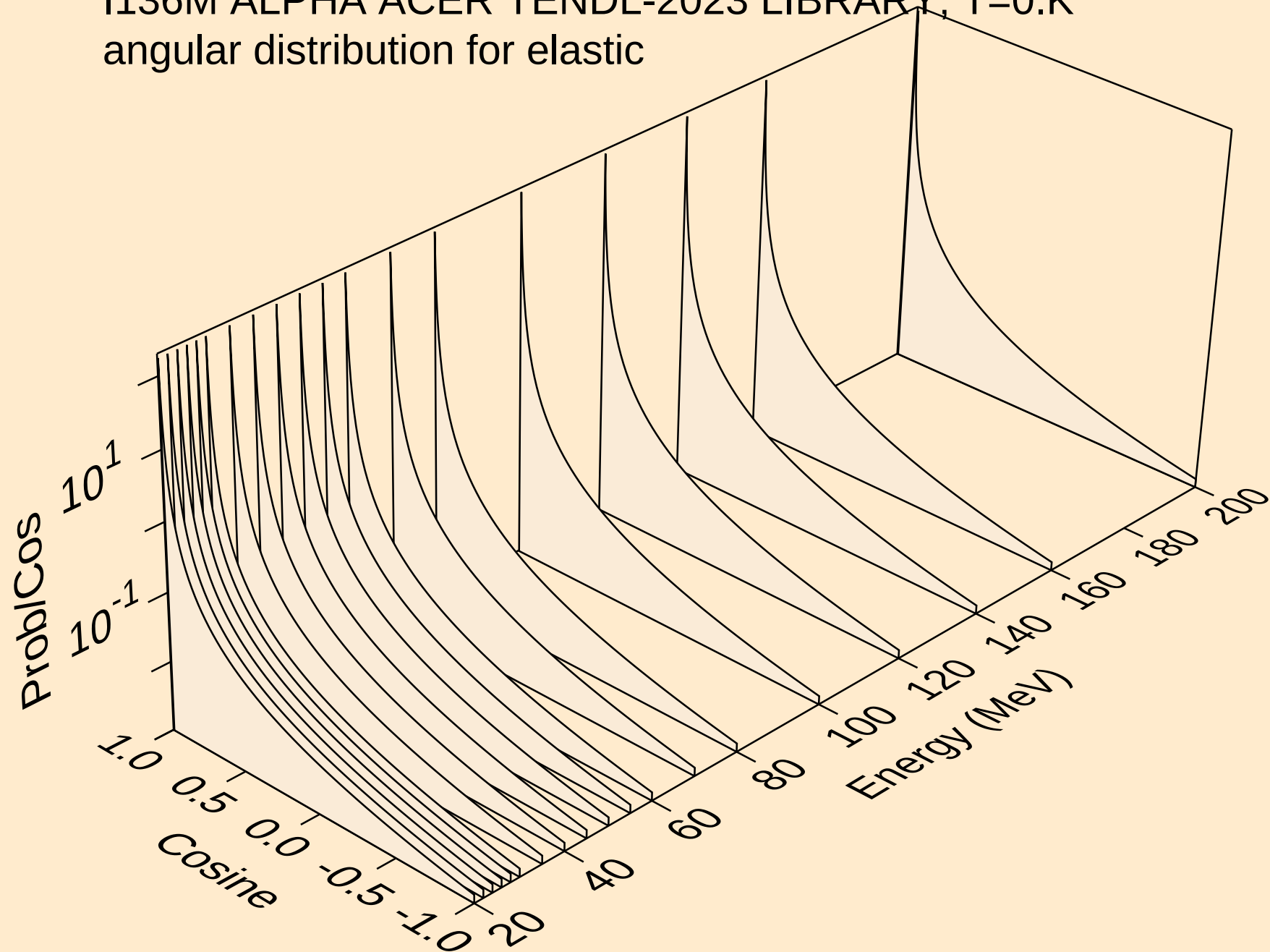
Threshold reactions



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

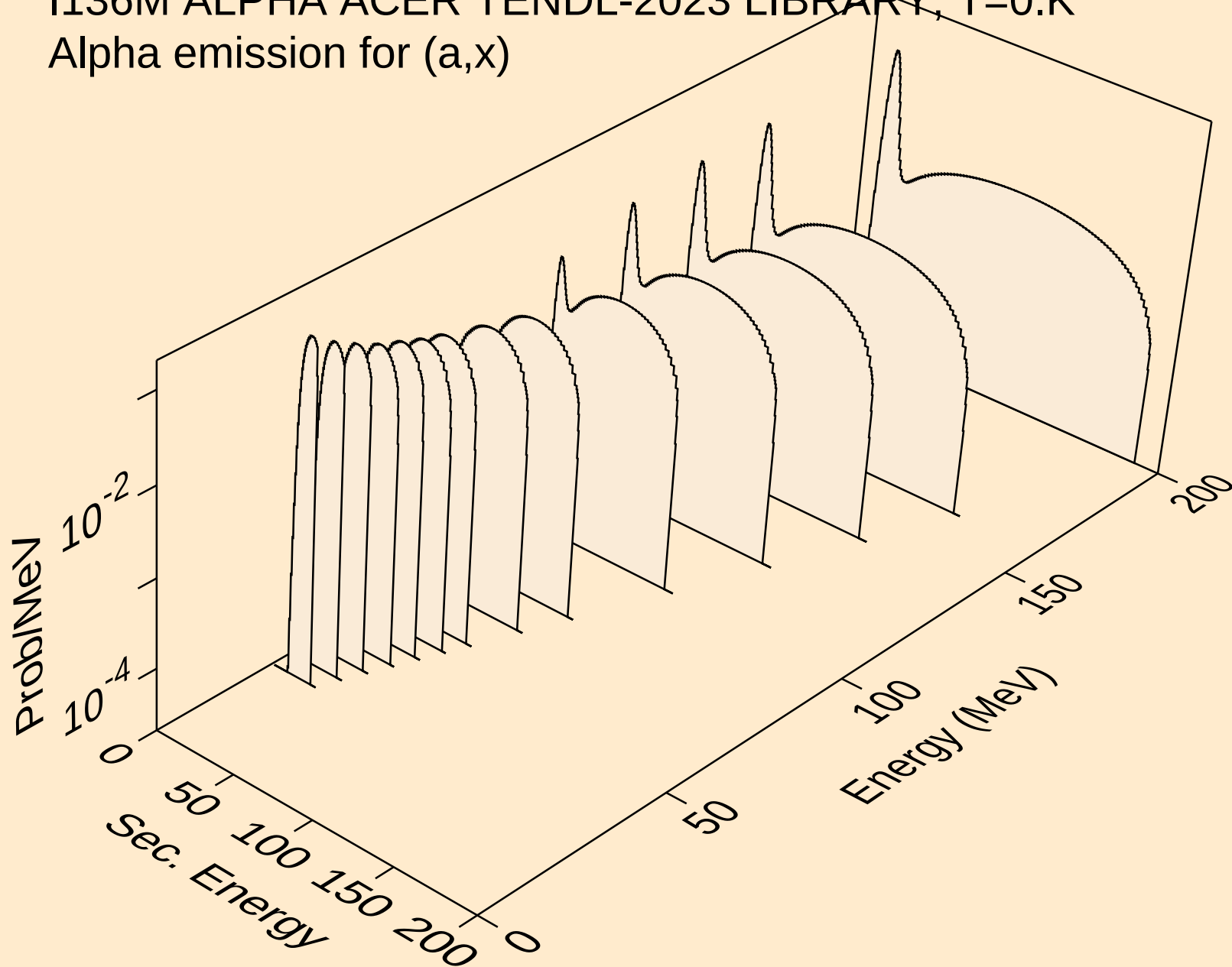


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



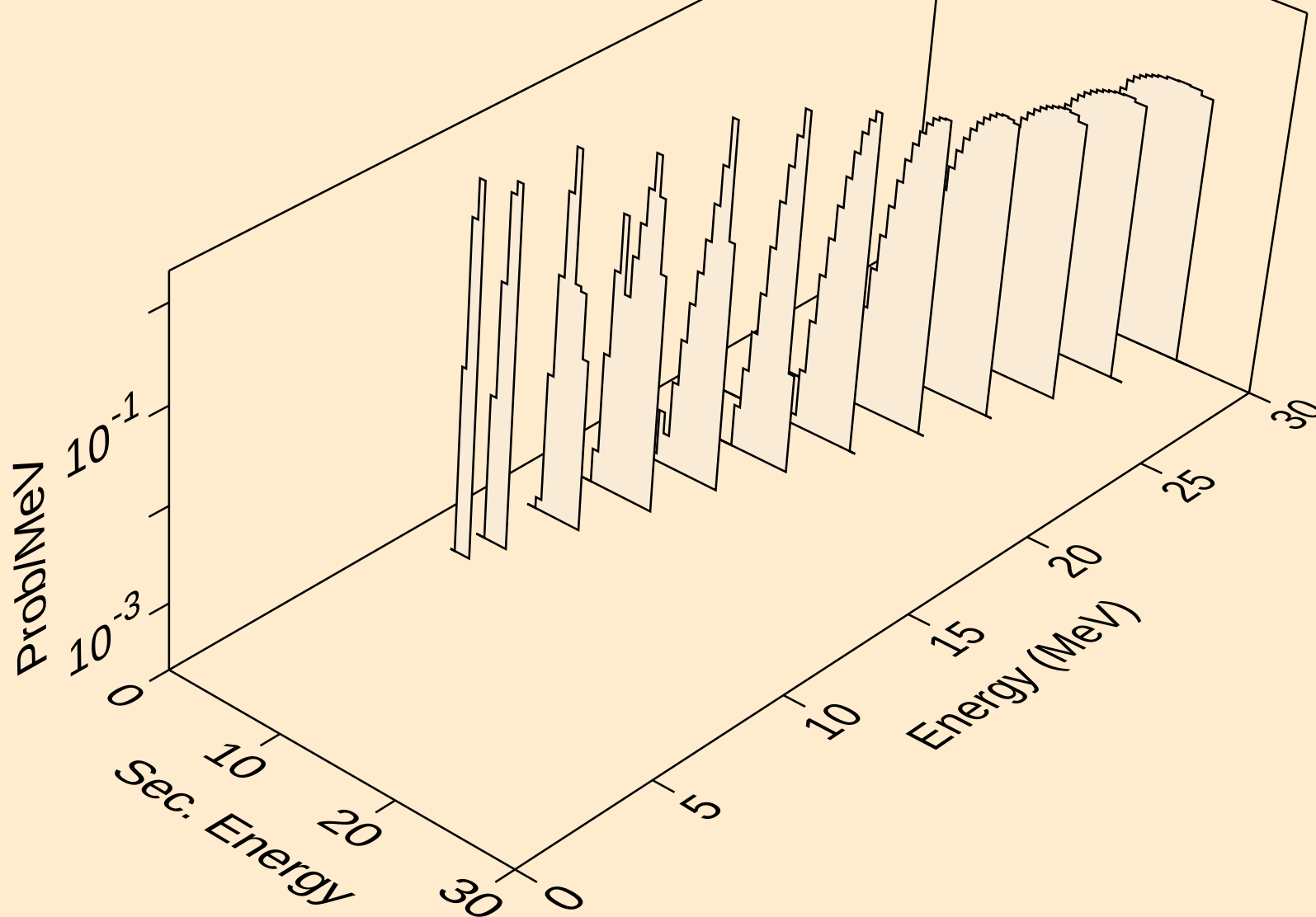
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



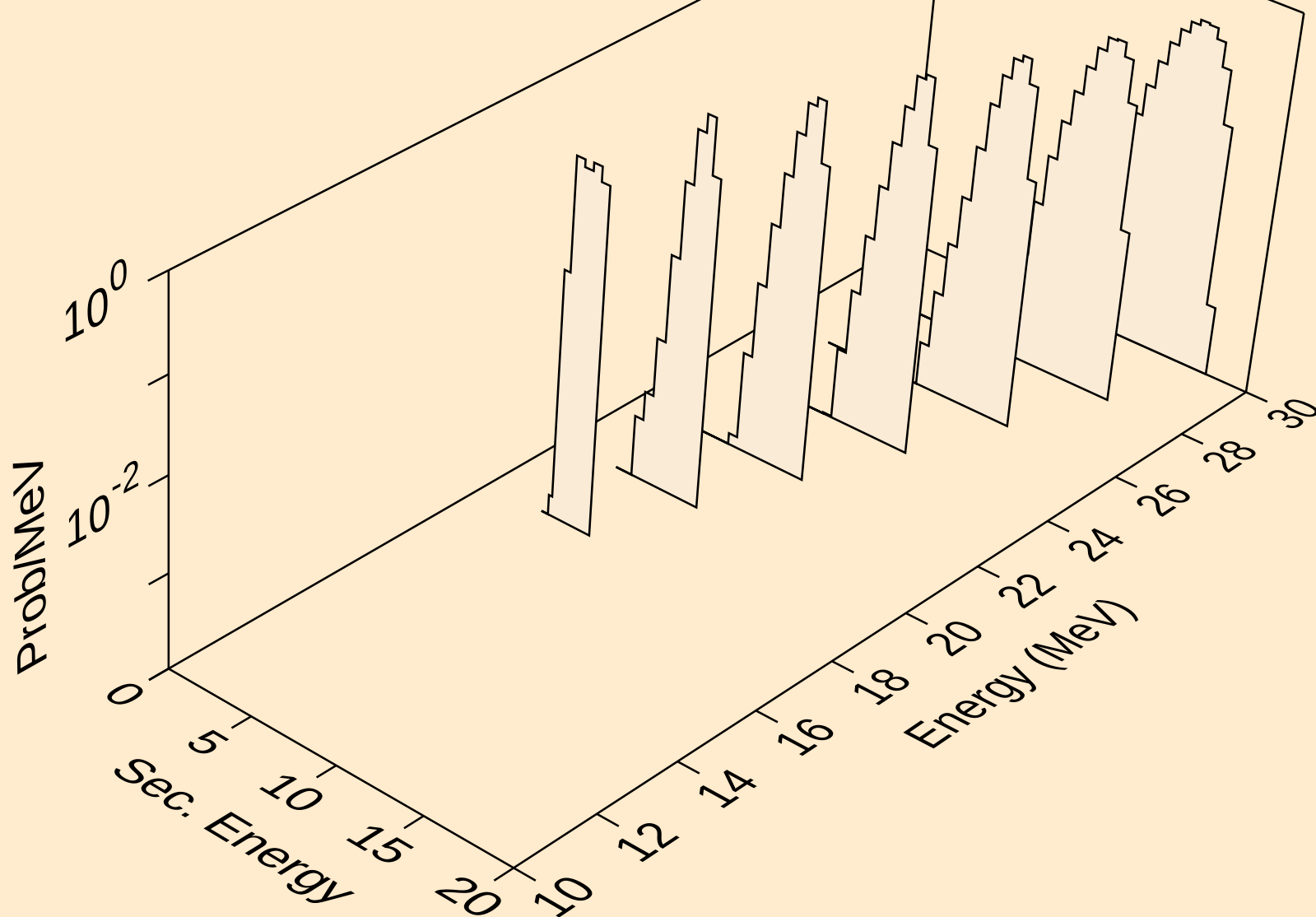
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



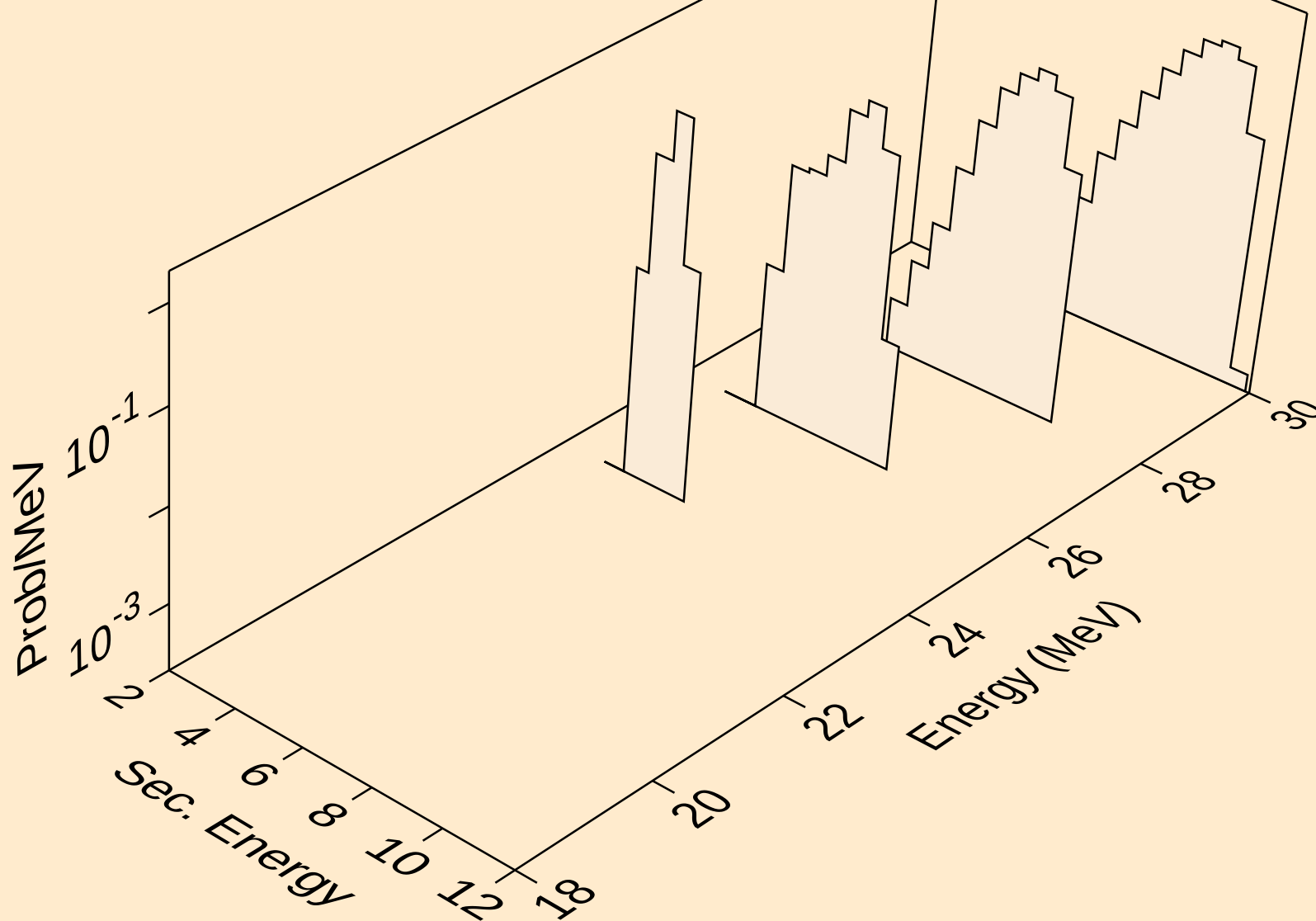
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



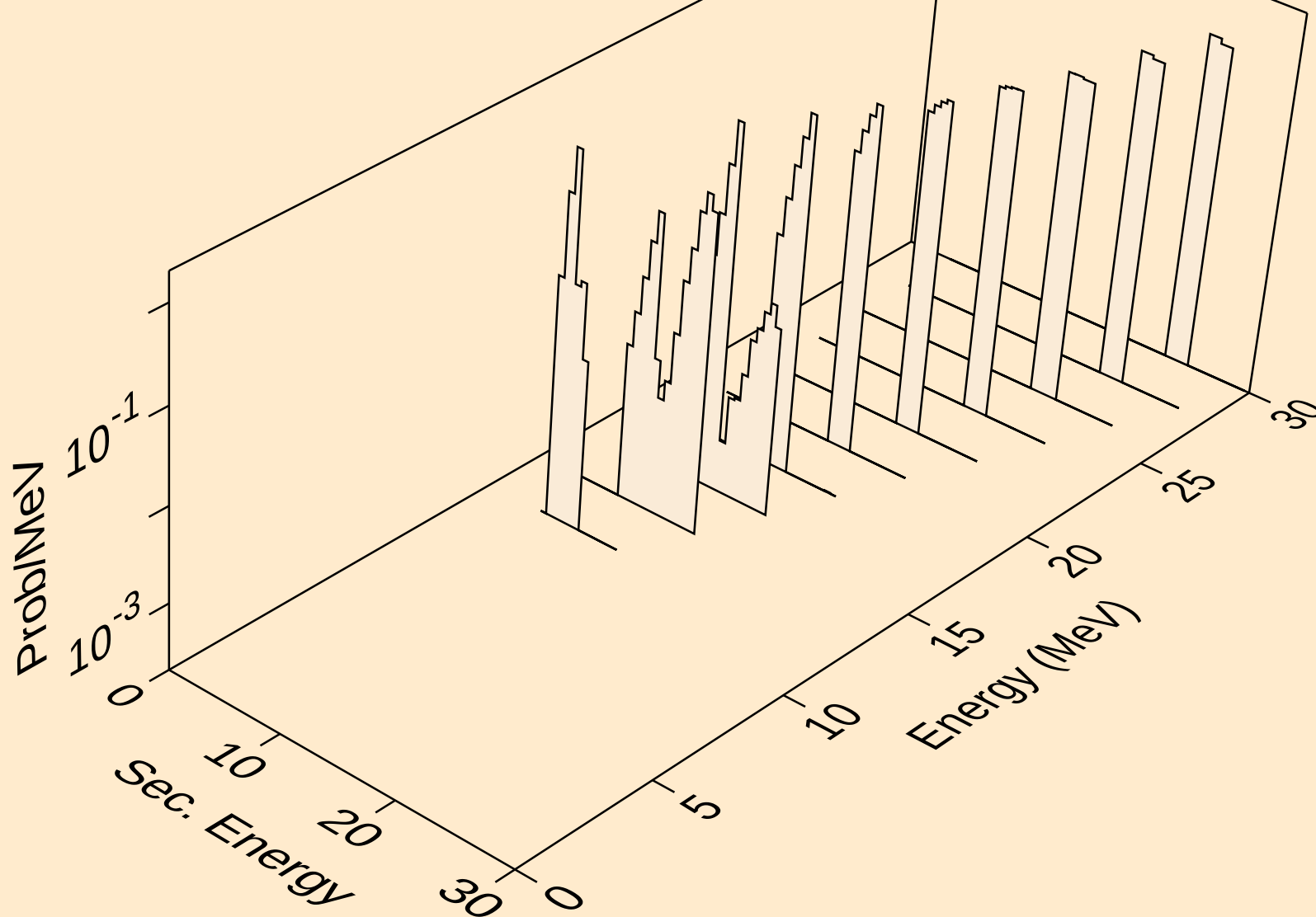
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3n)a

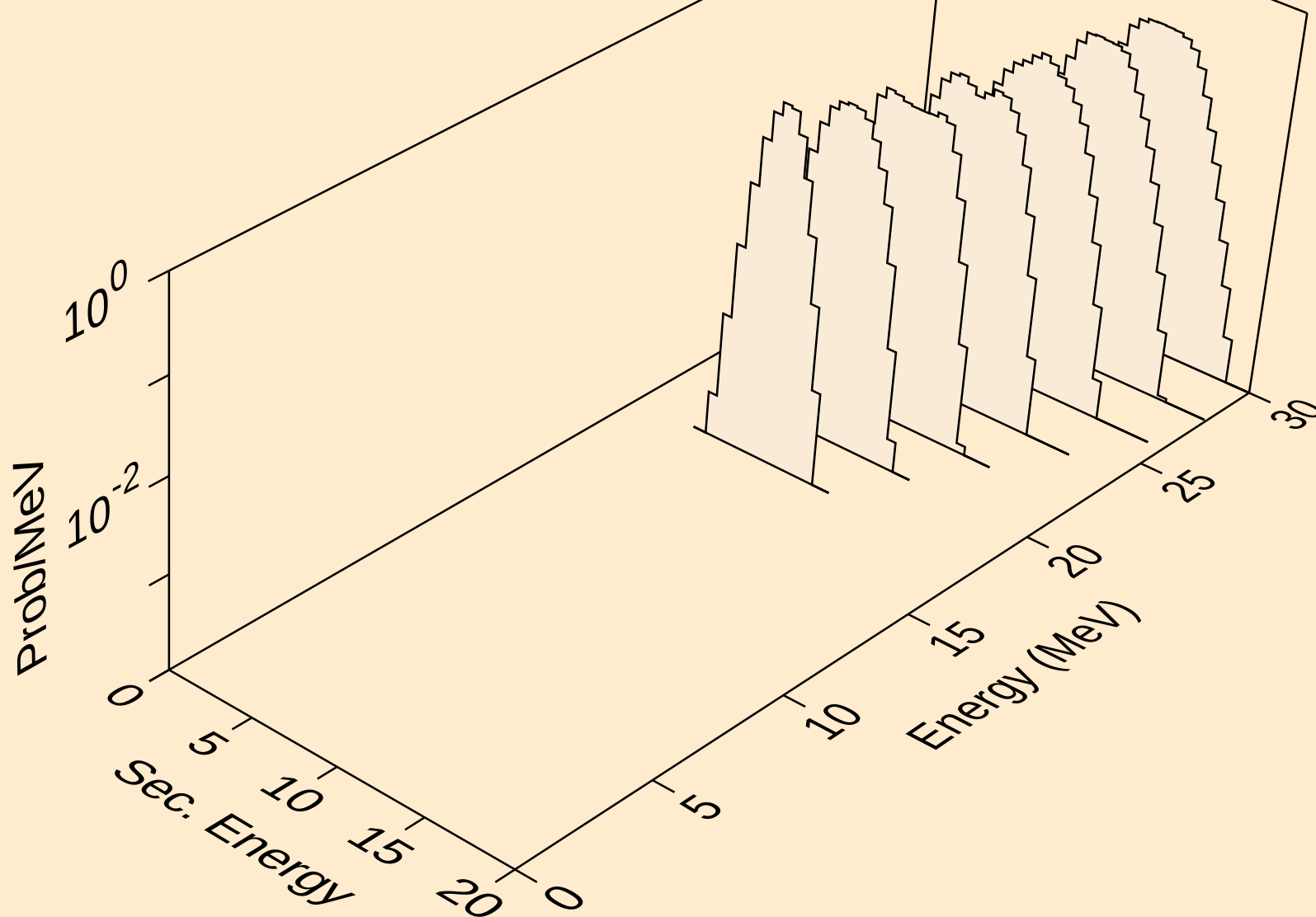


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

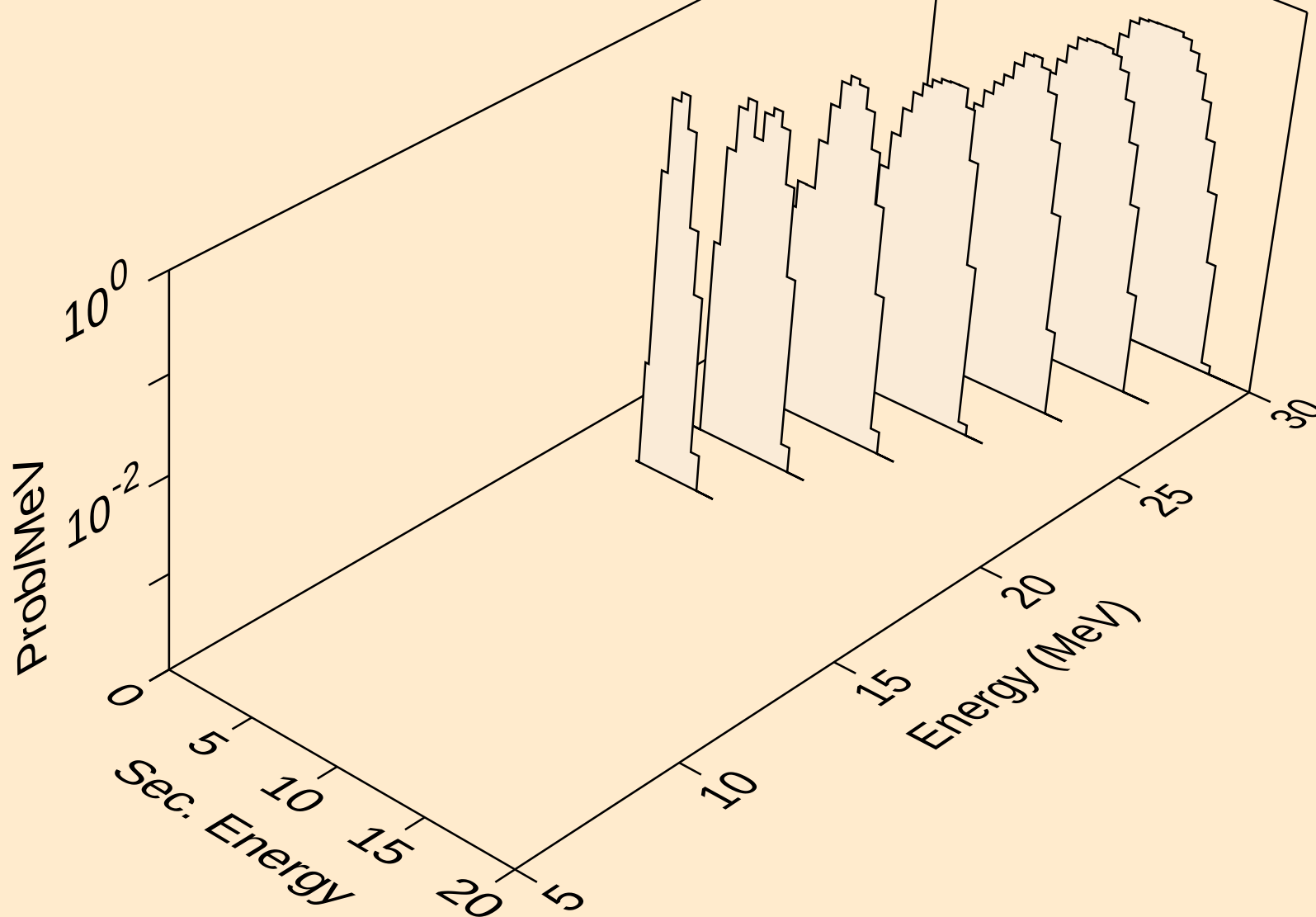
Alpha emission for inelastic



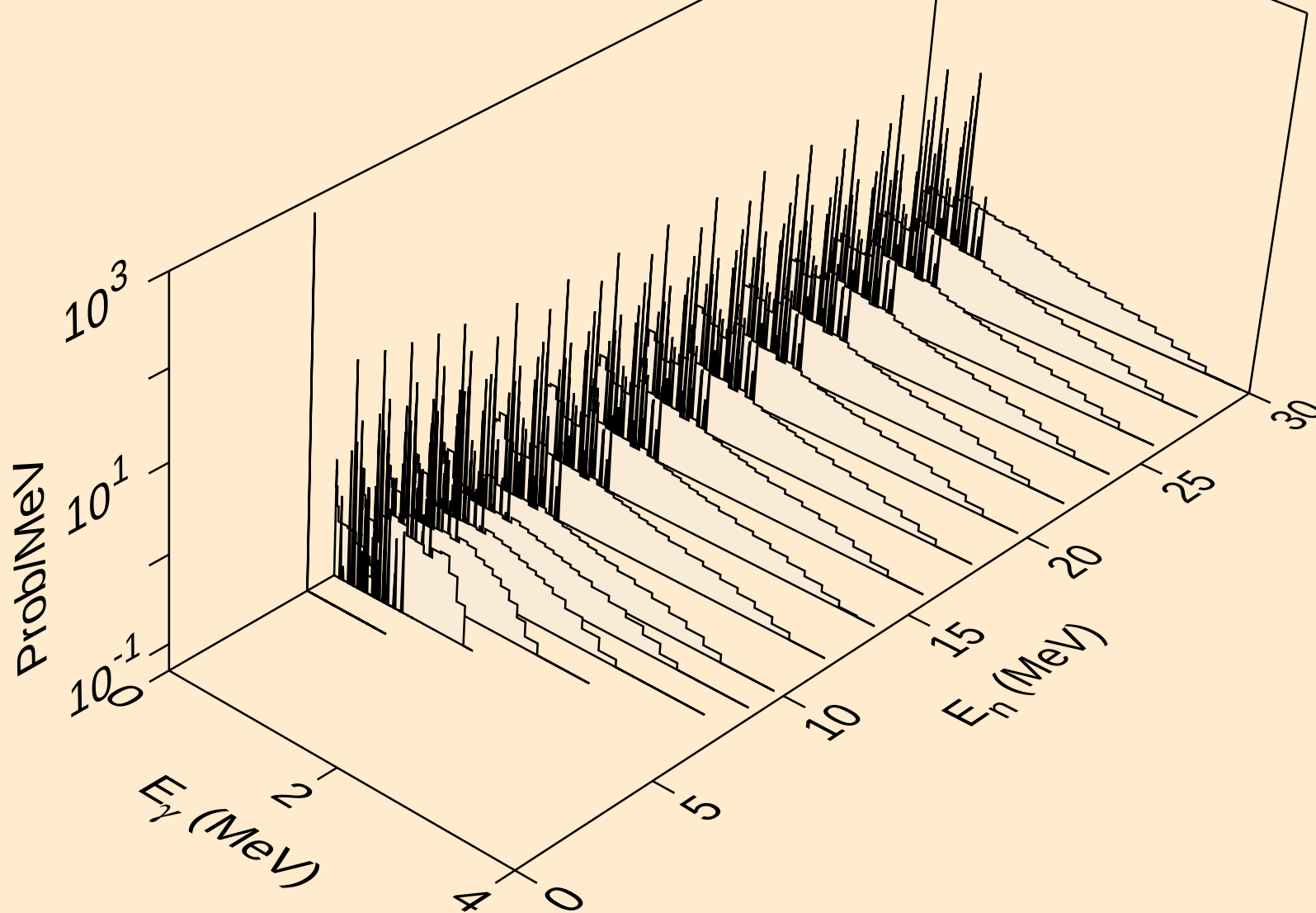
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

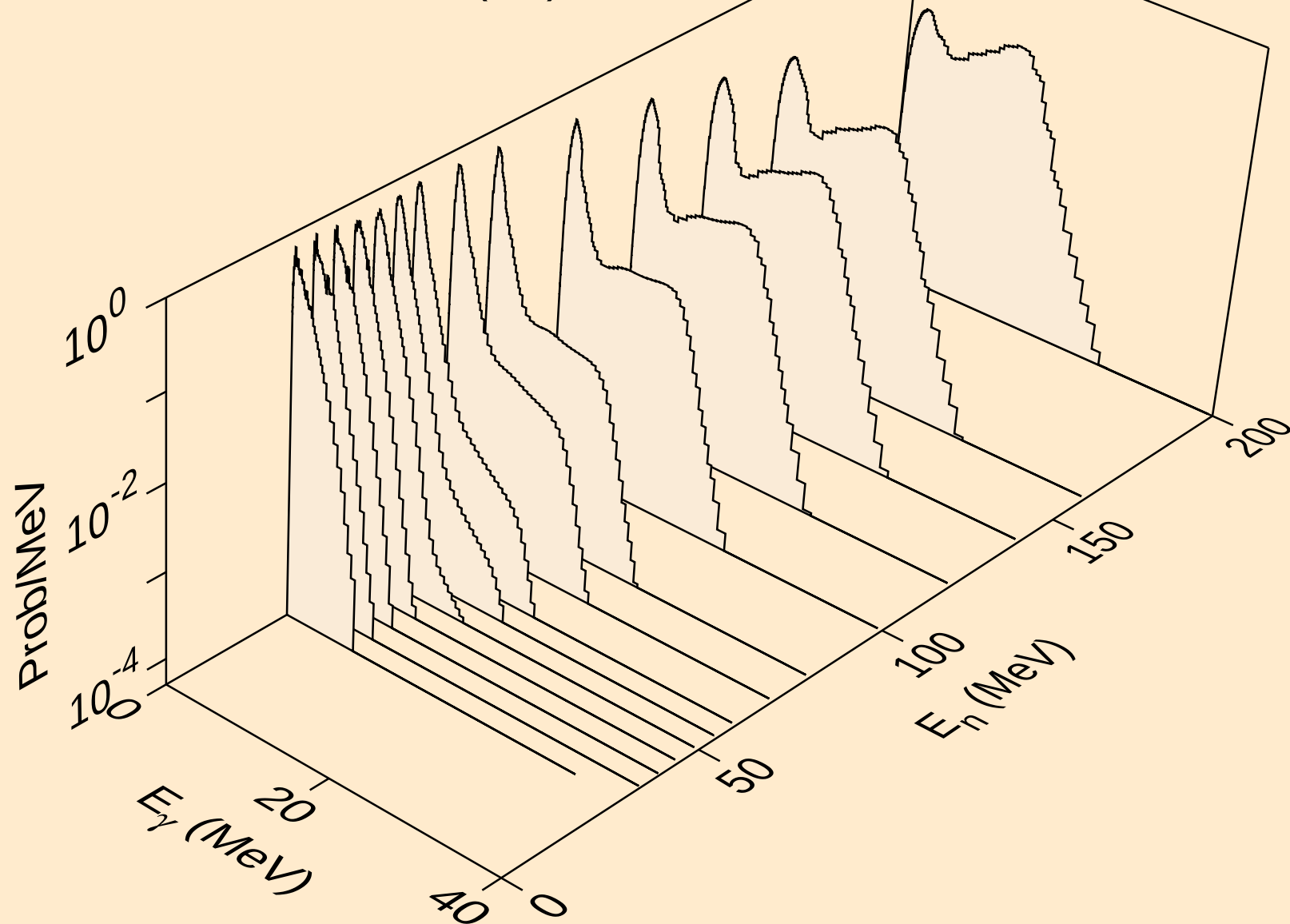


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

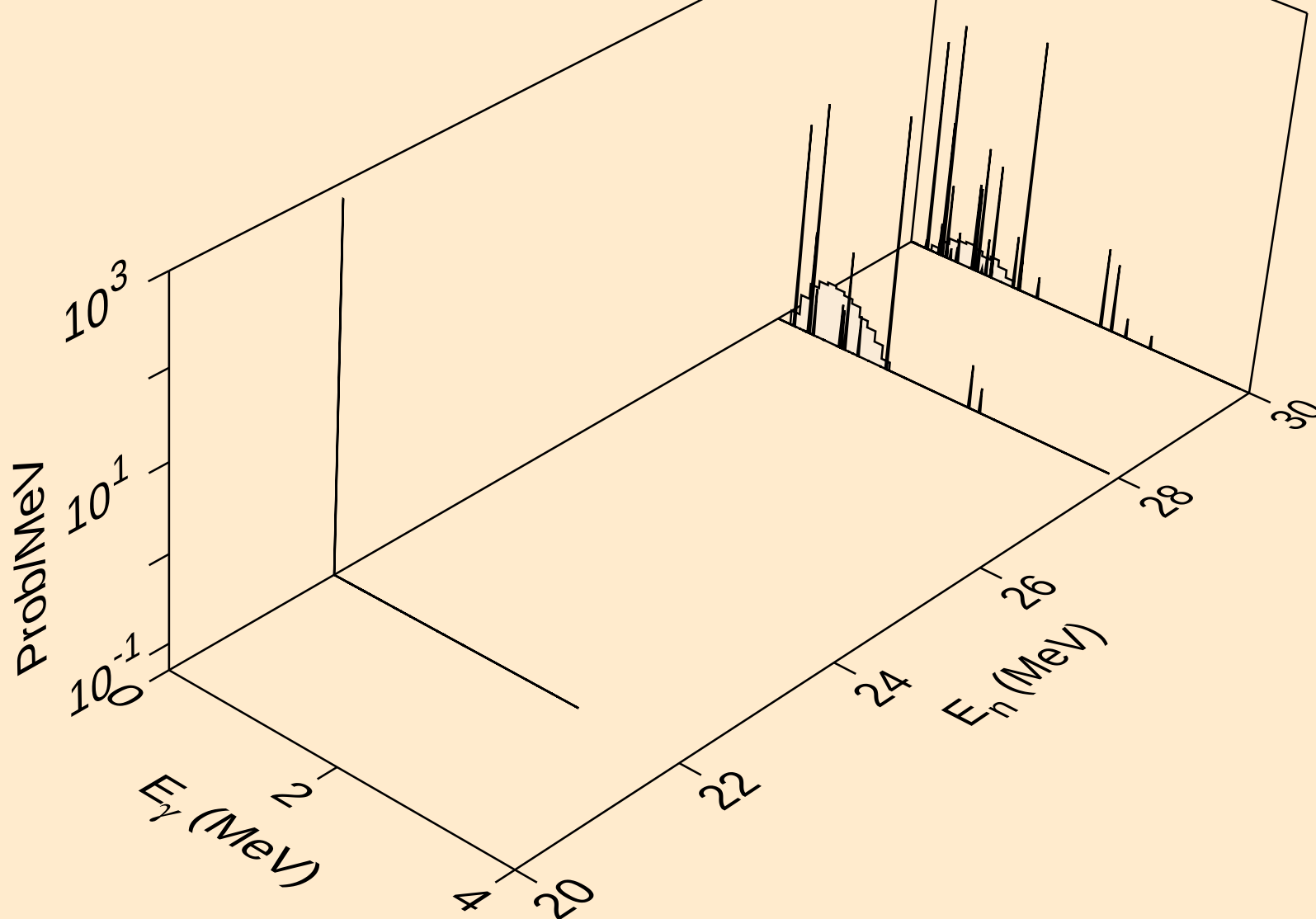


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

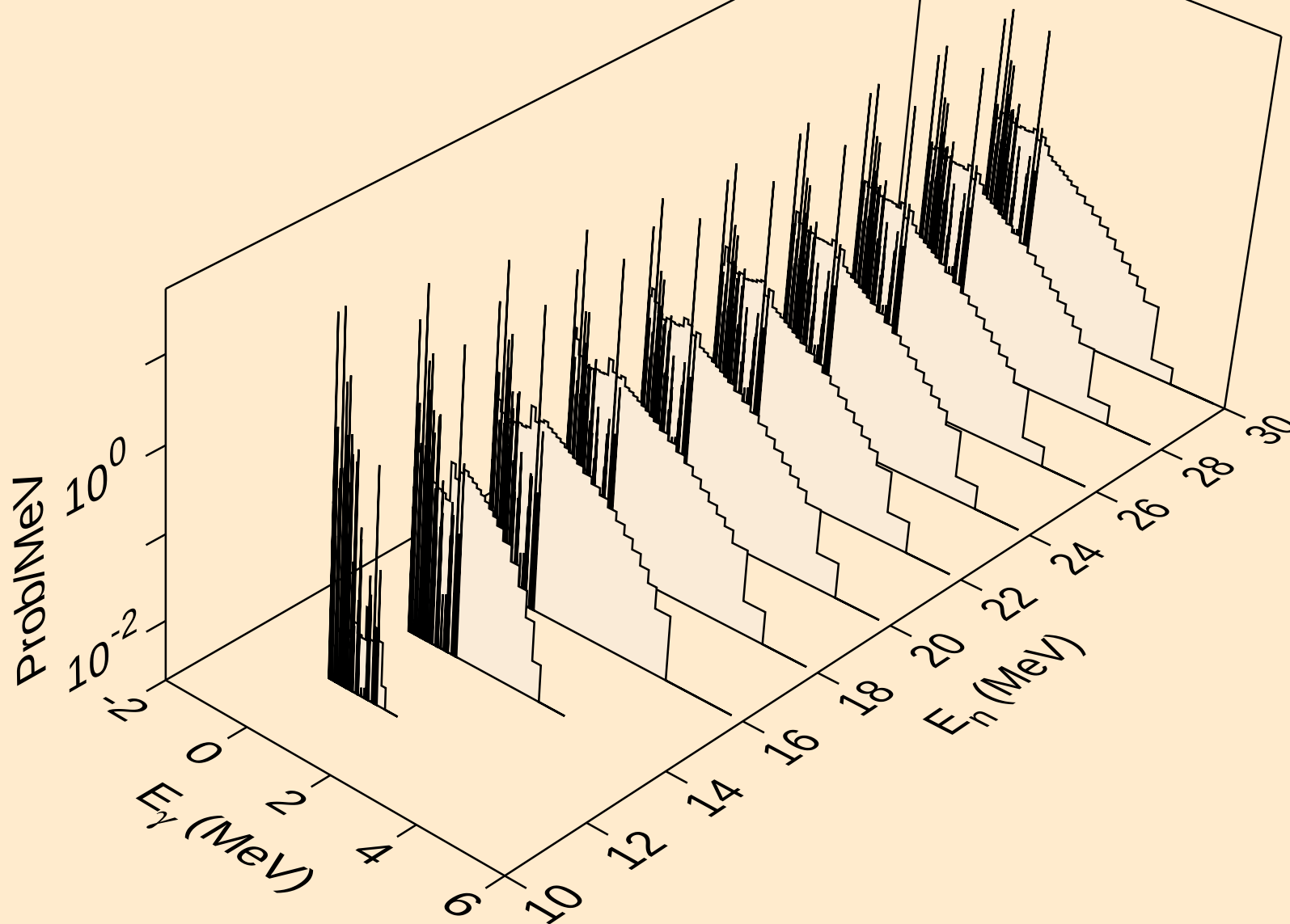
Photon emission for (z,x)



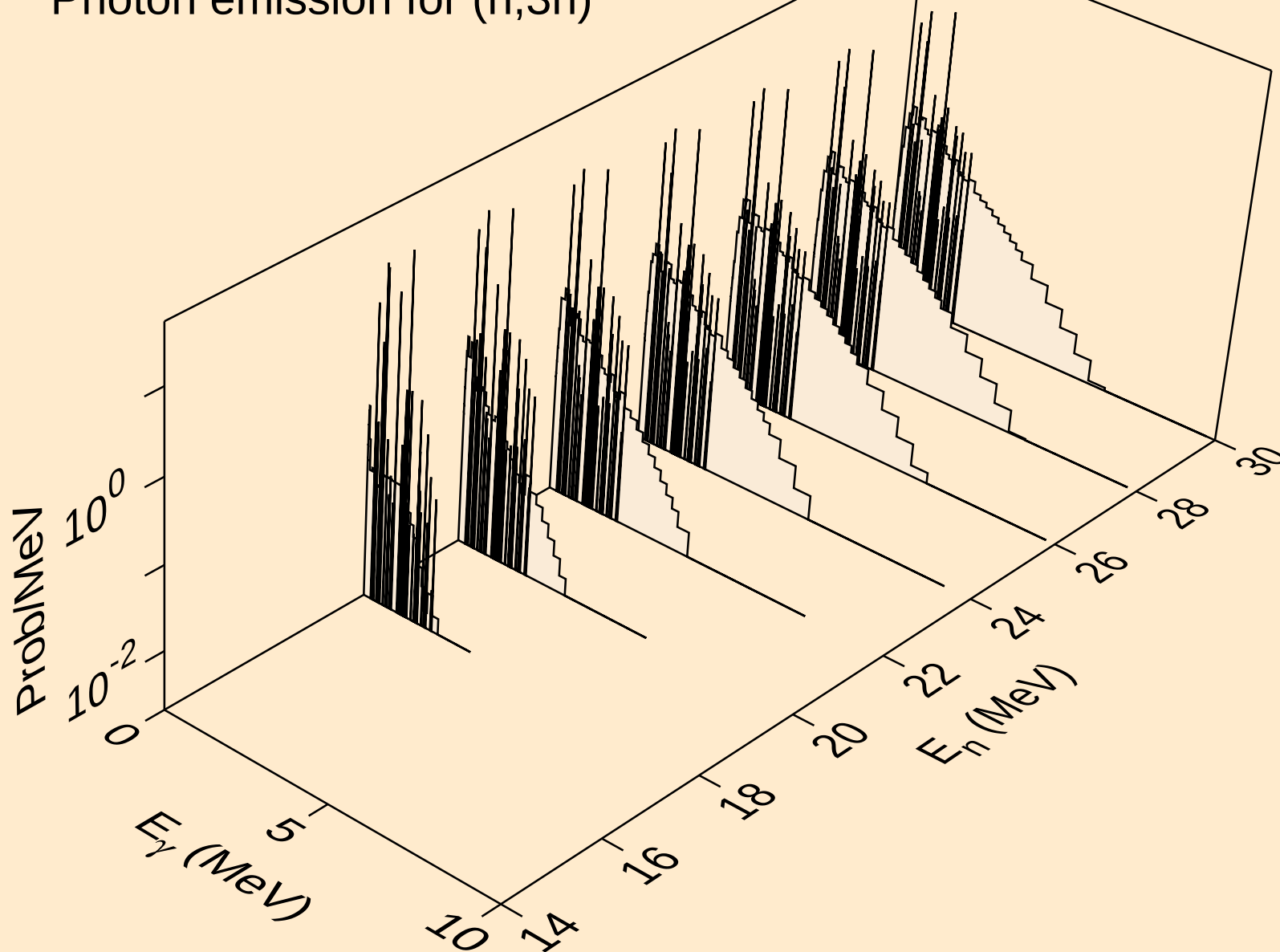
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

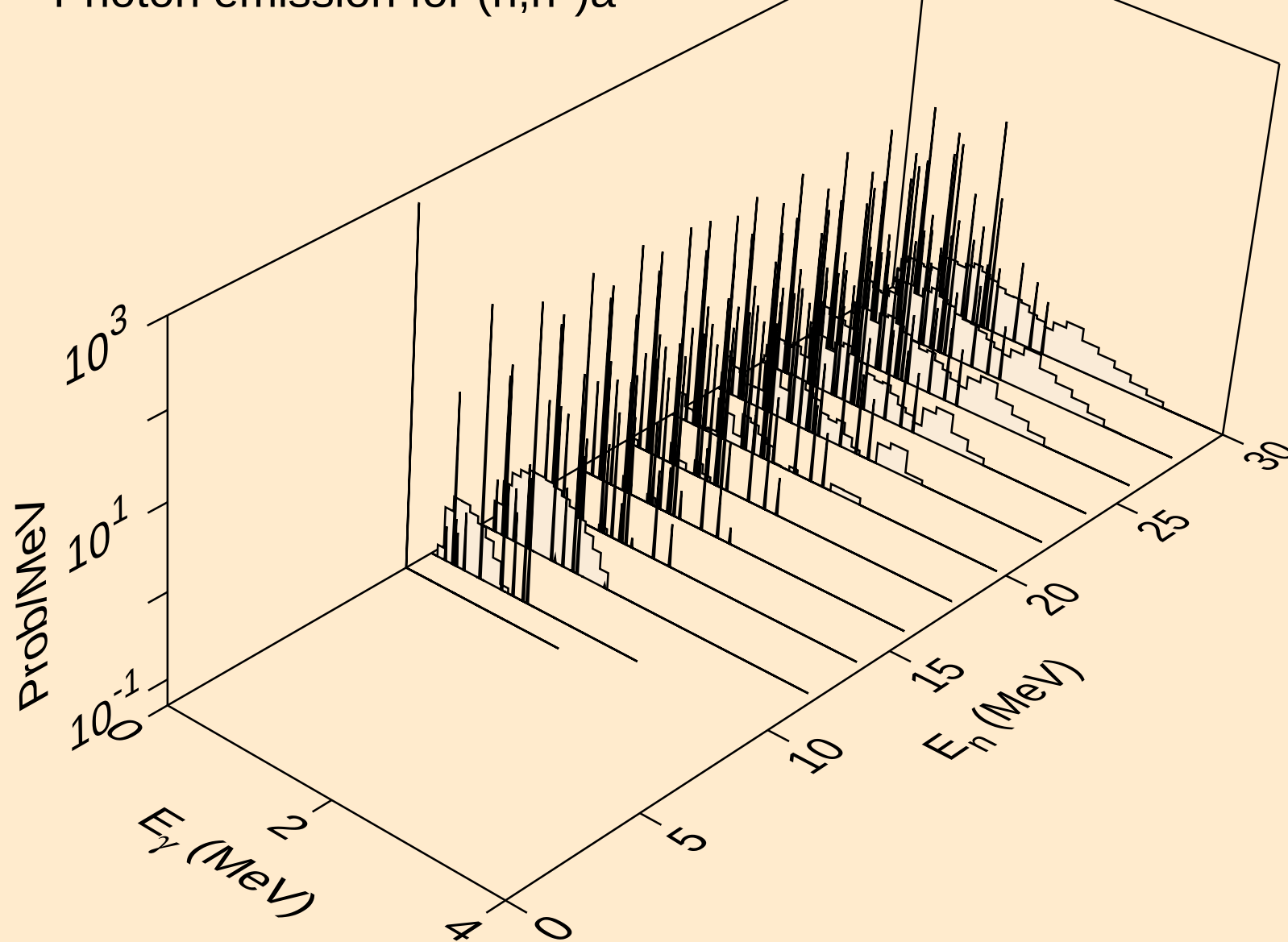


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



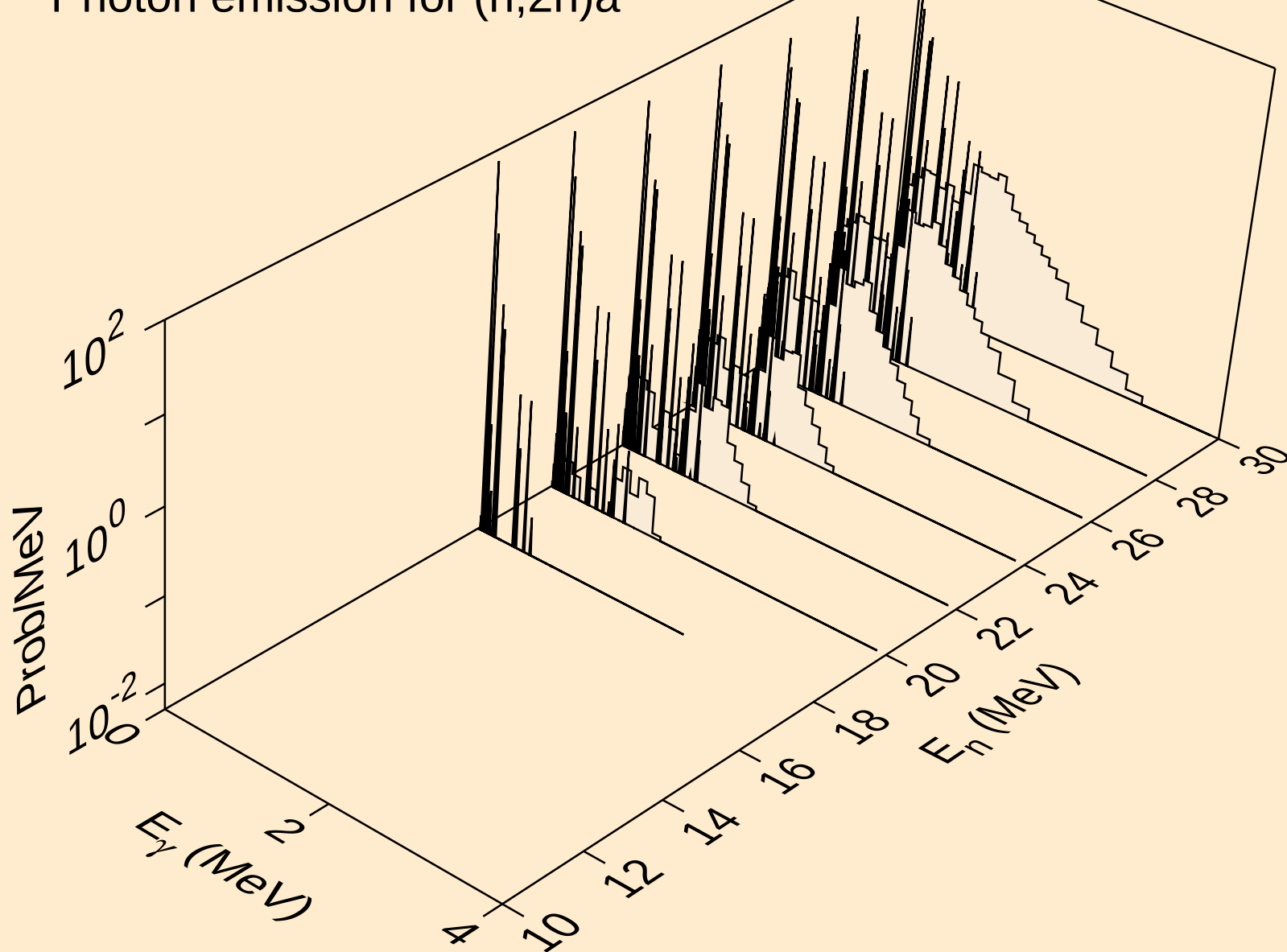
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



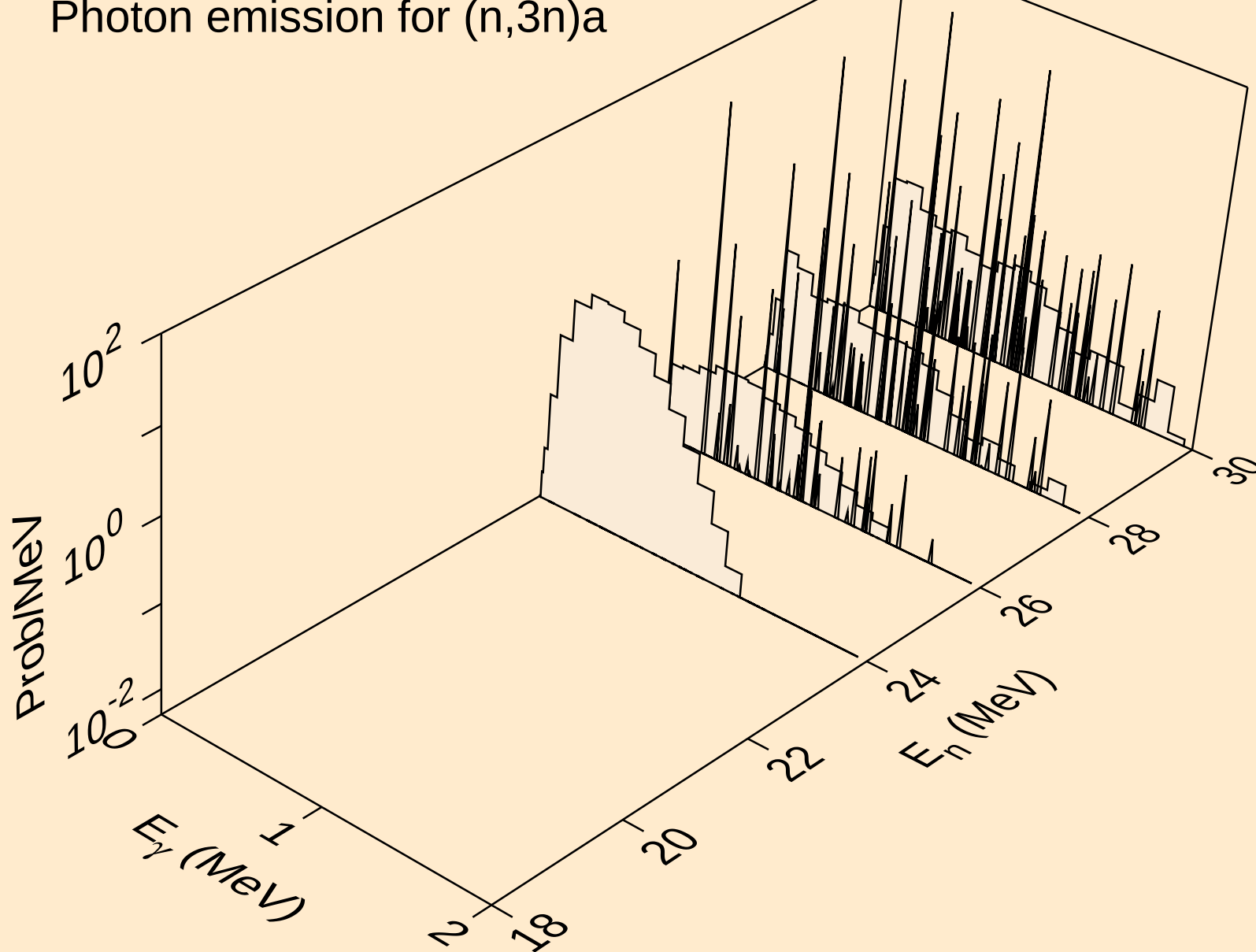
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



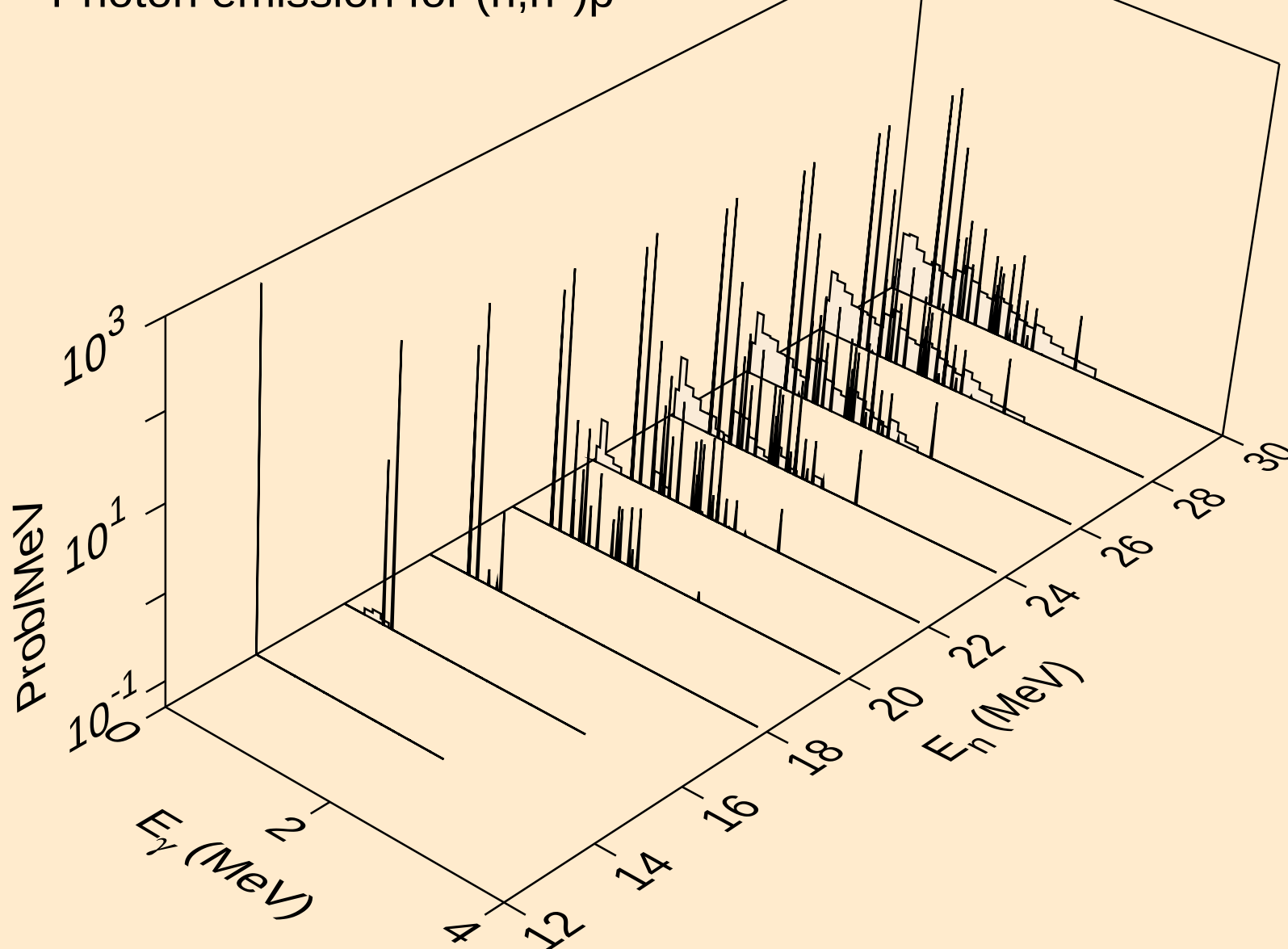
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$



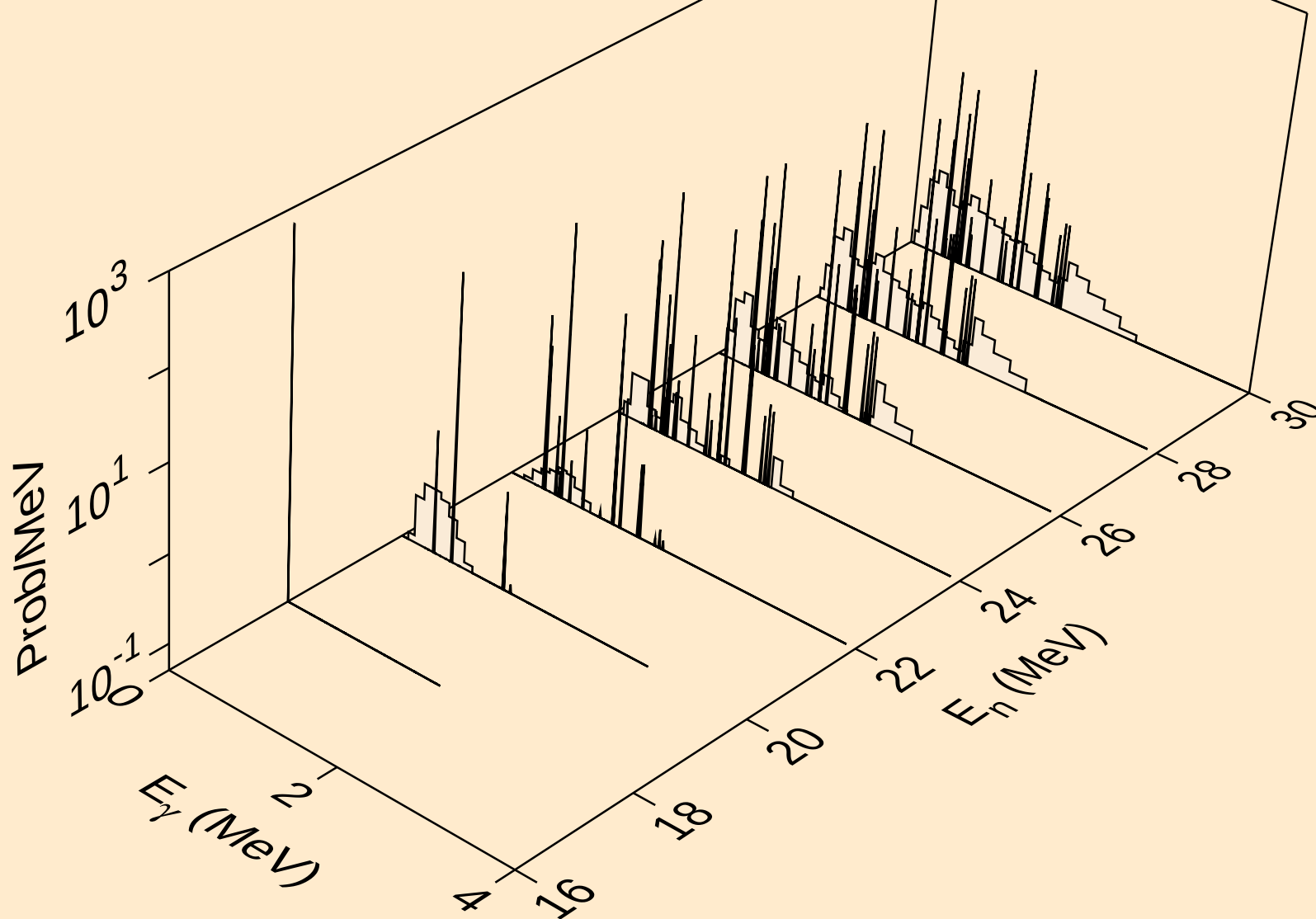
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p



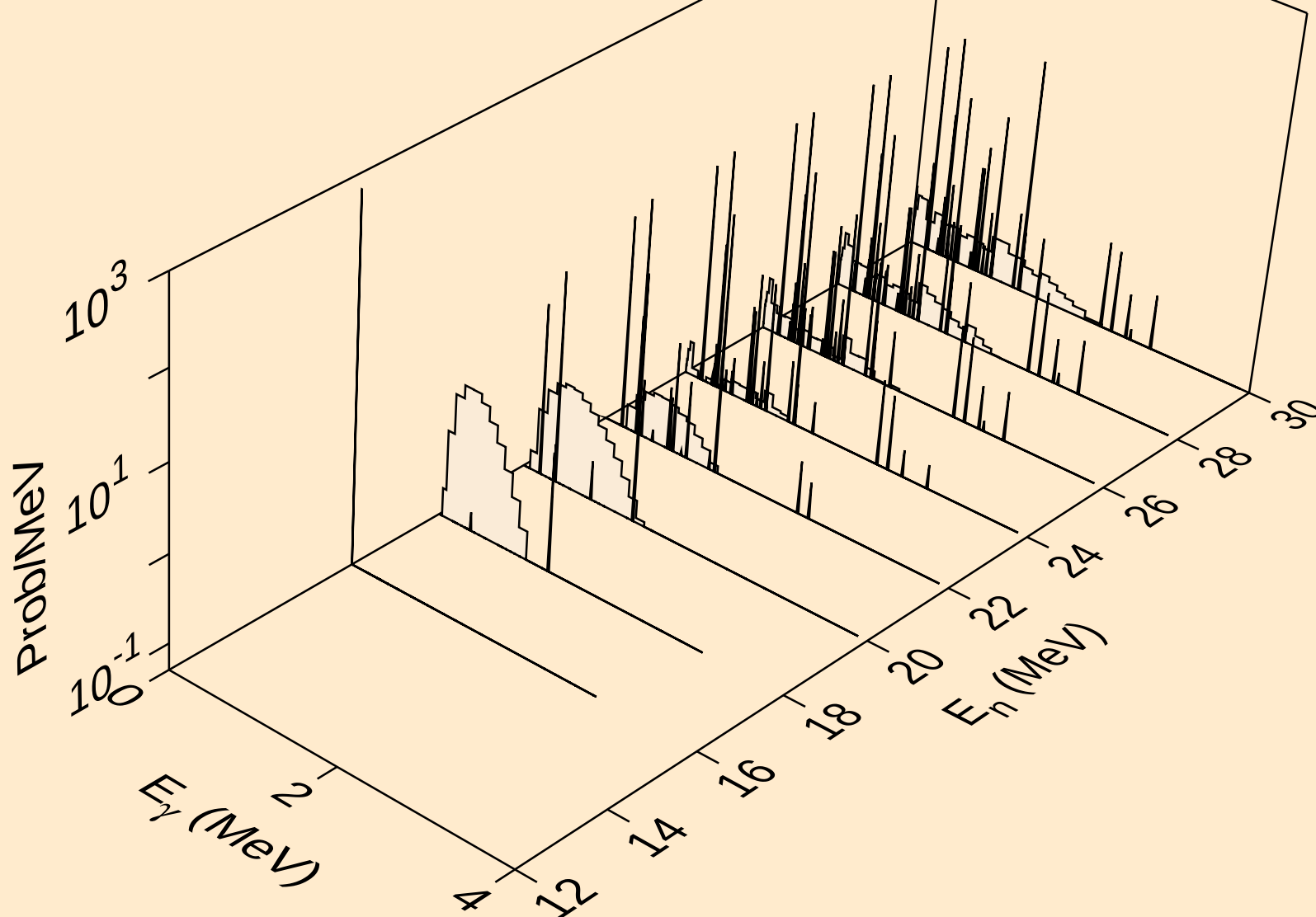
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d



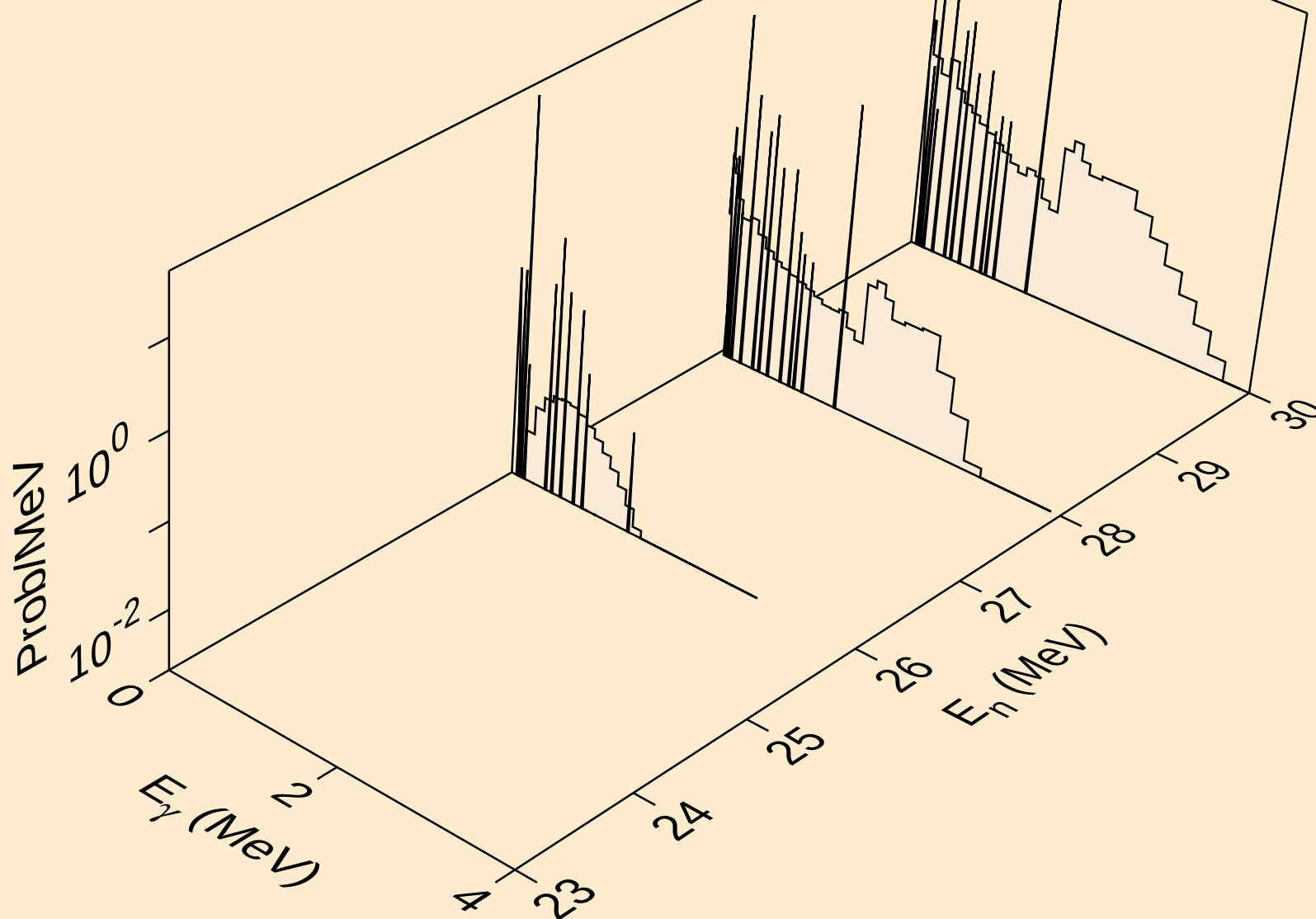
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

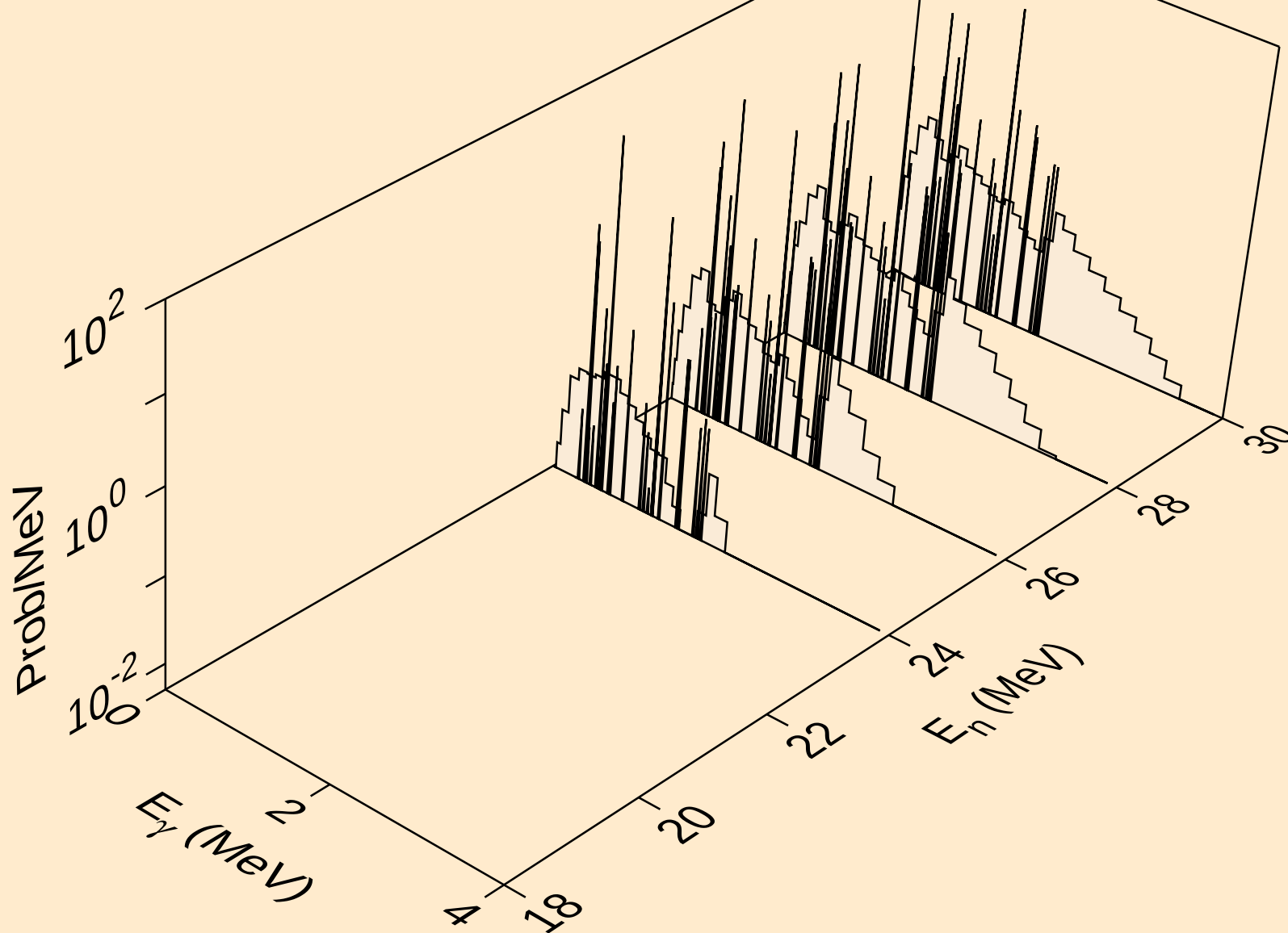


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

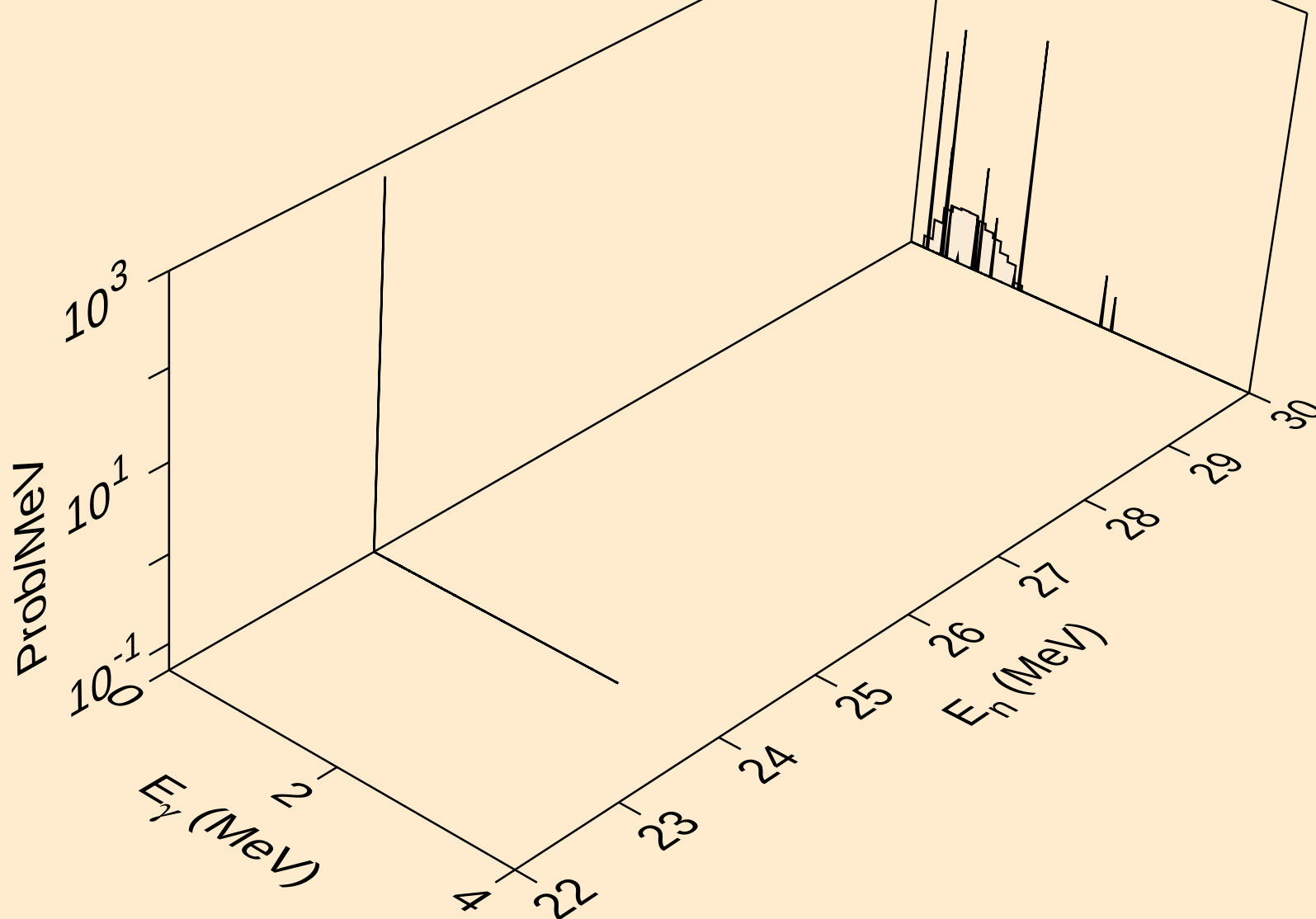
Photon emission for (n,4n)



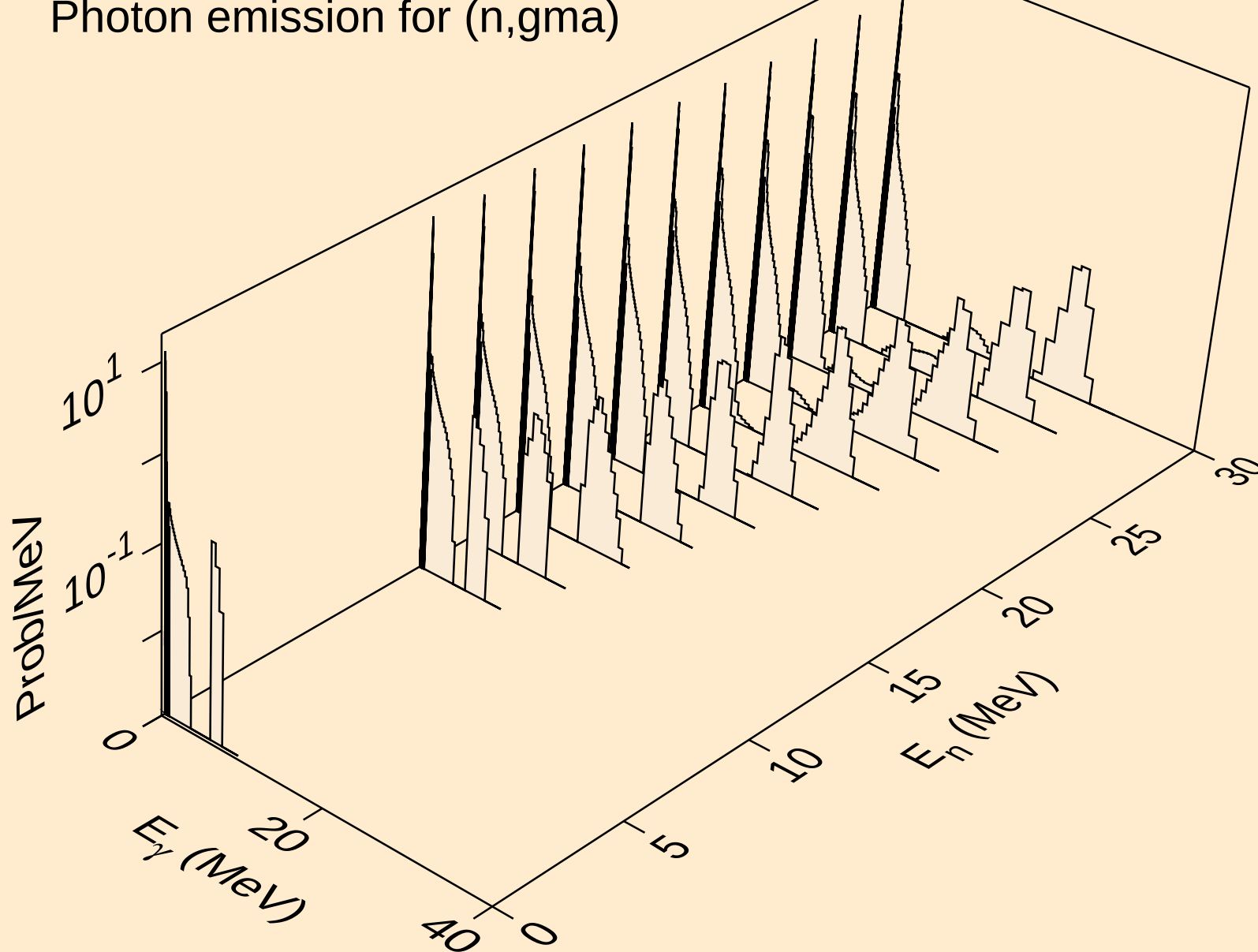
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



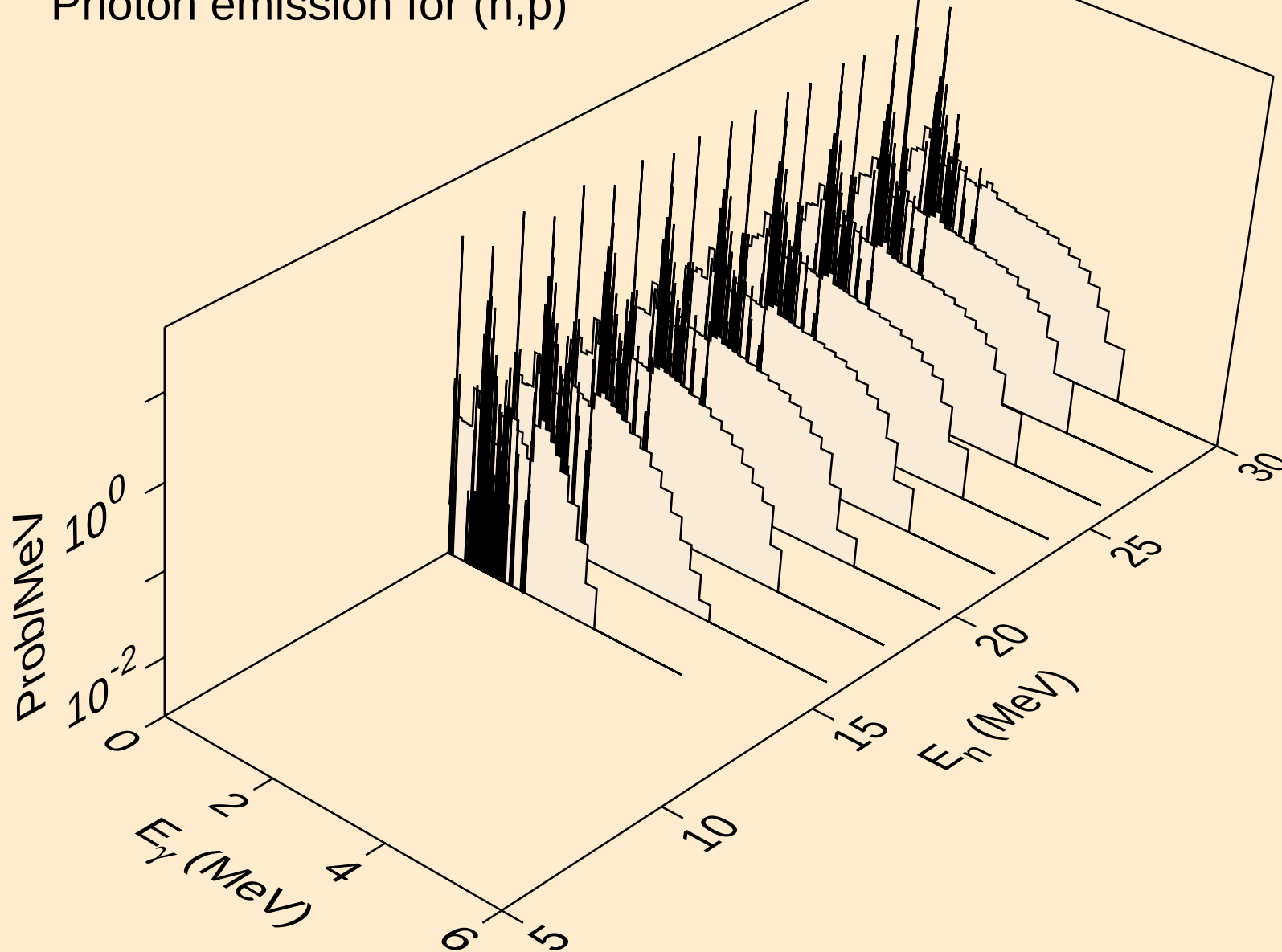
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



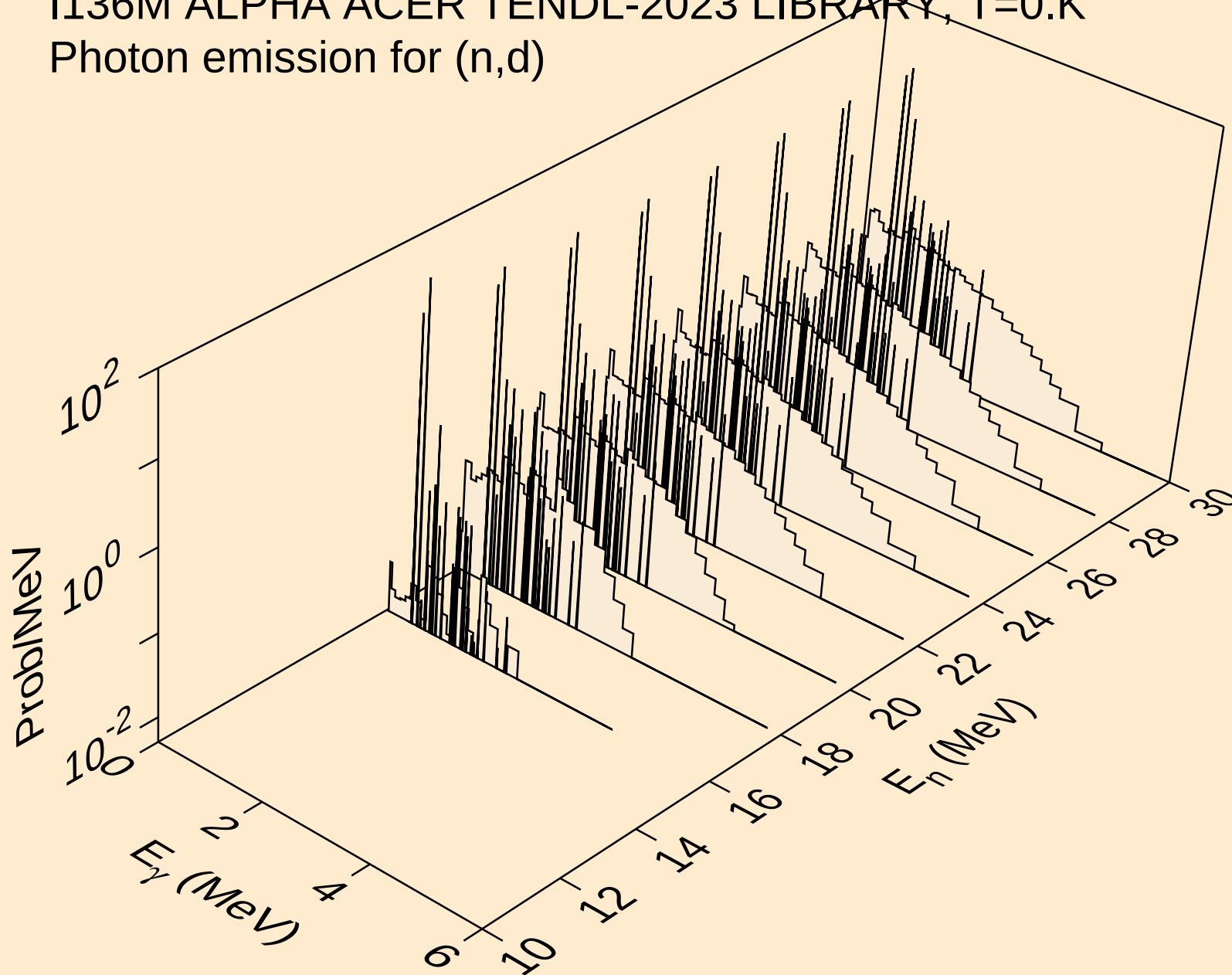
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



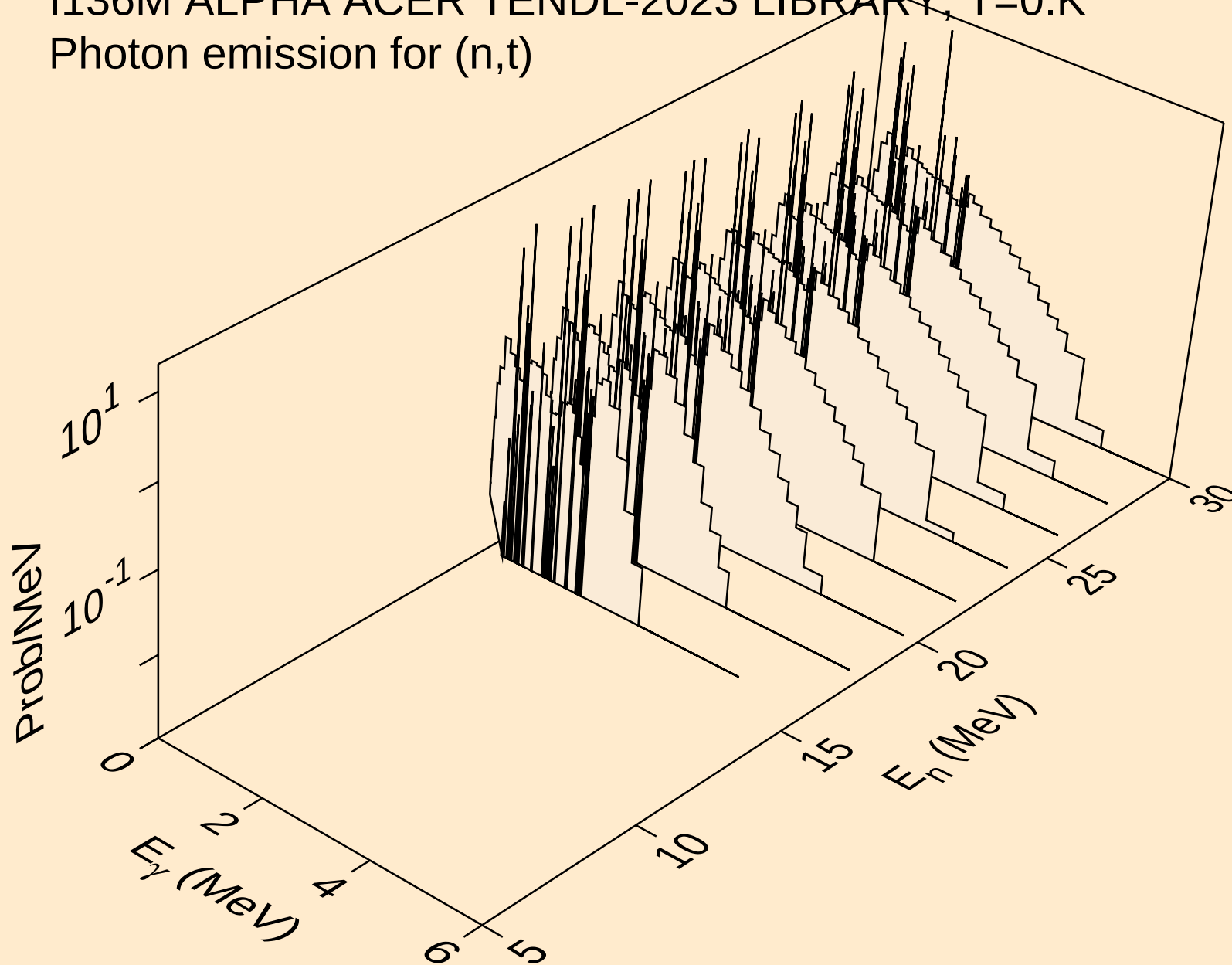
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



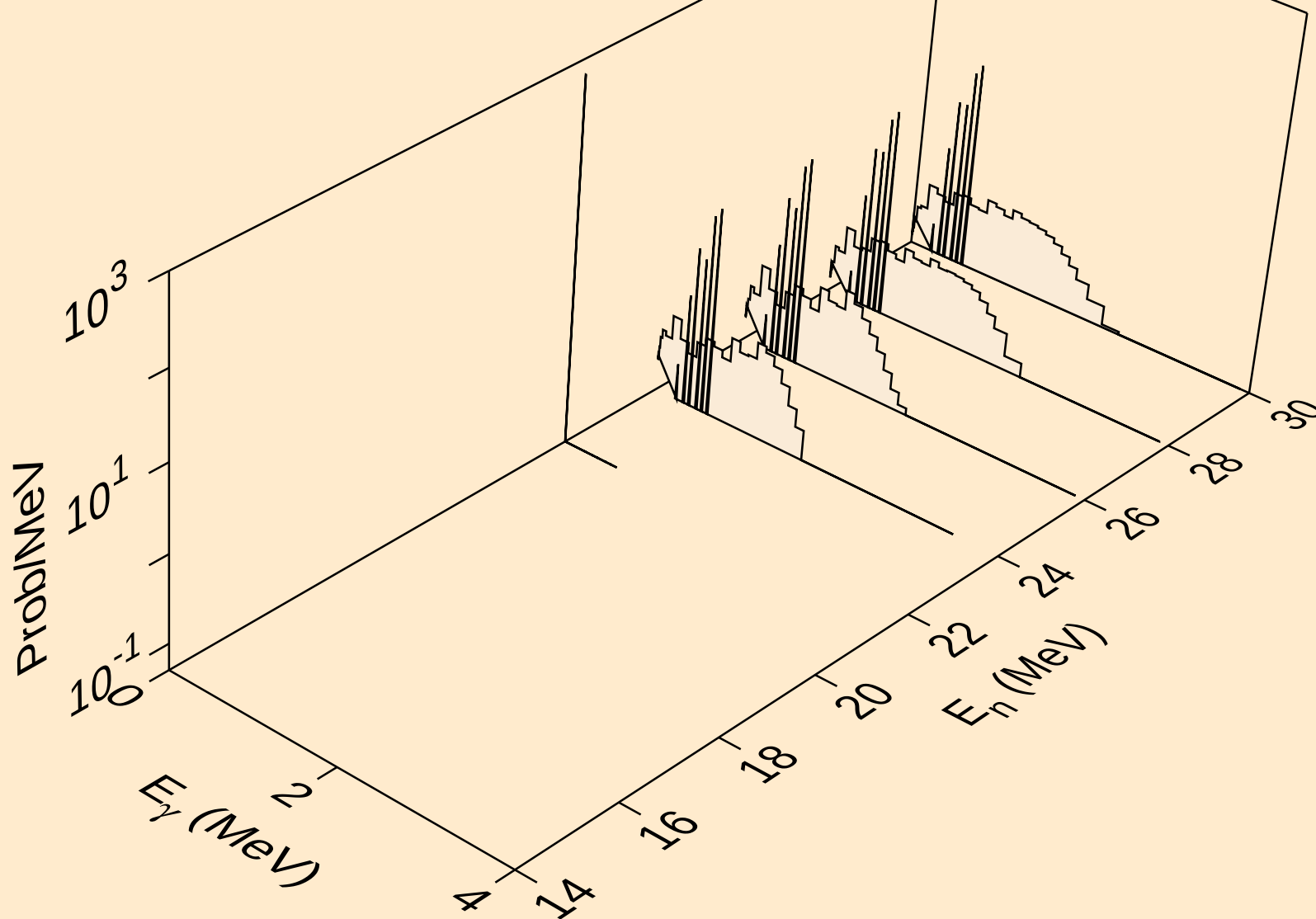
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



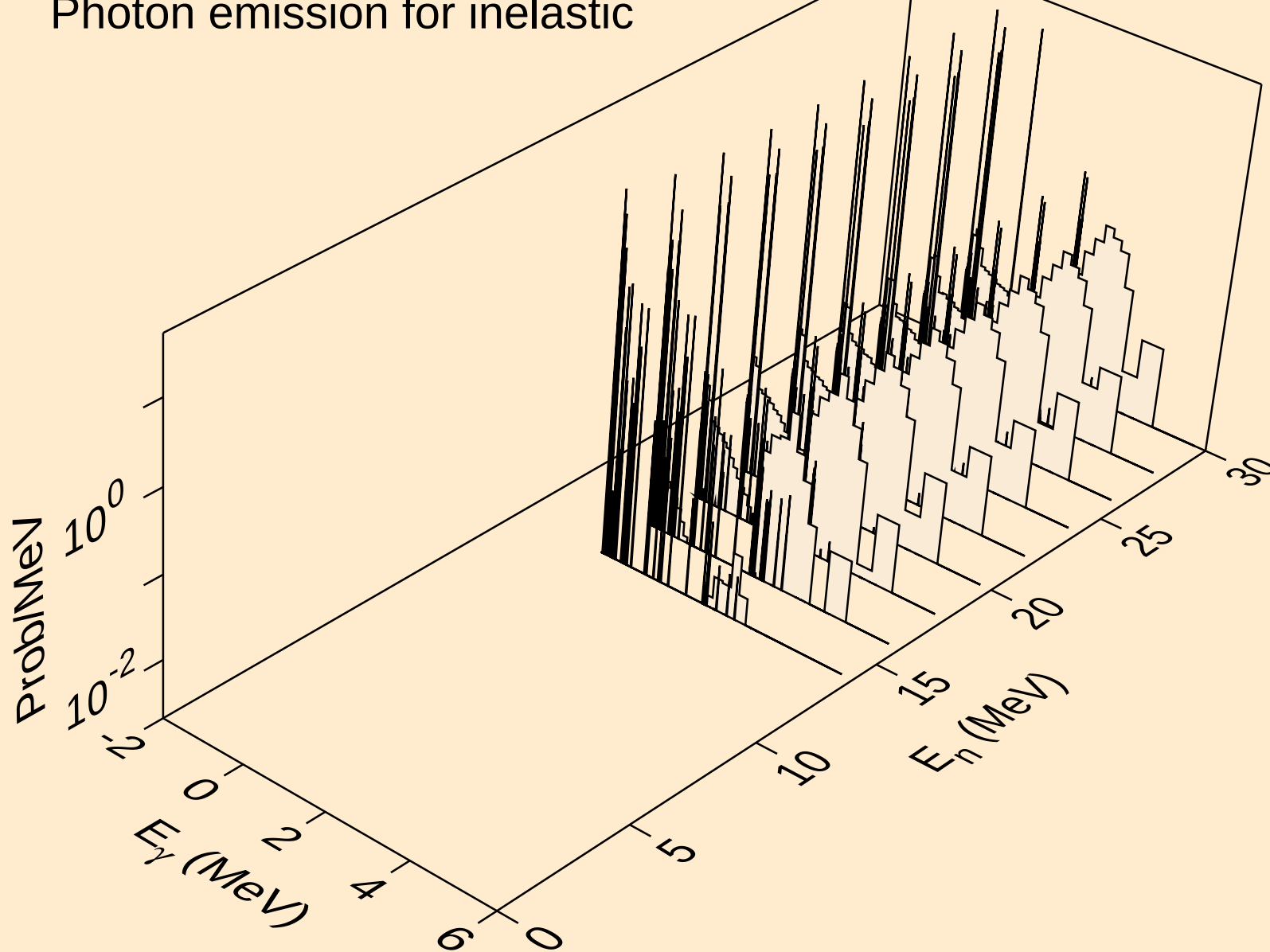
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



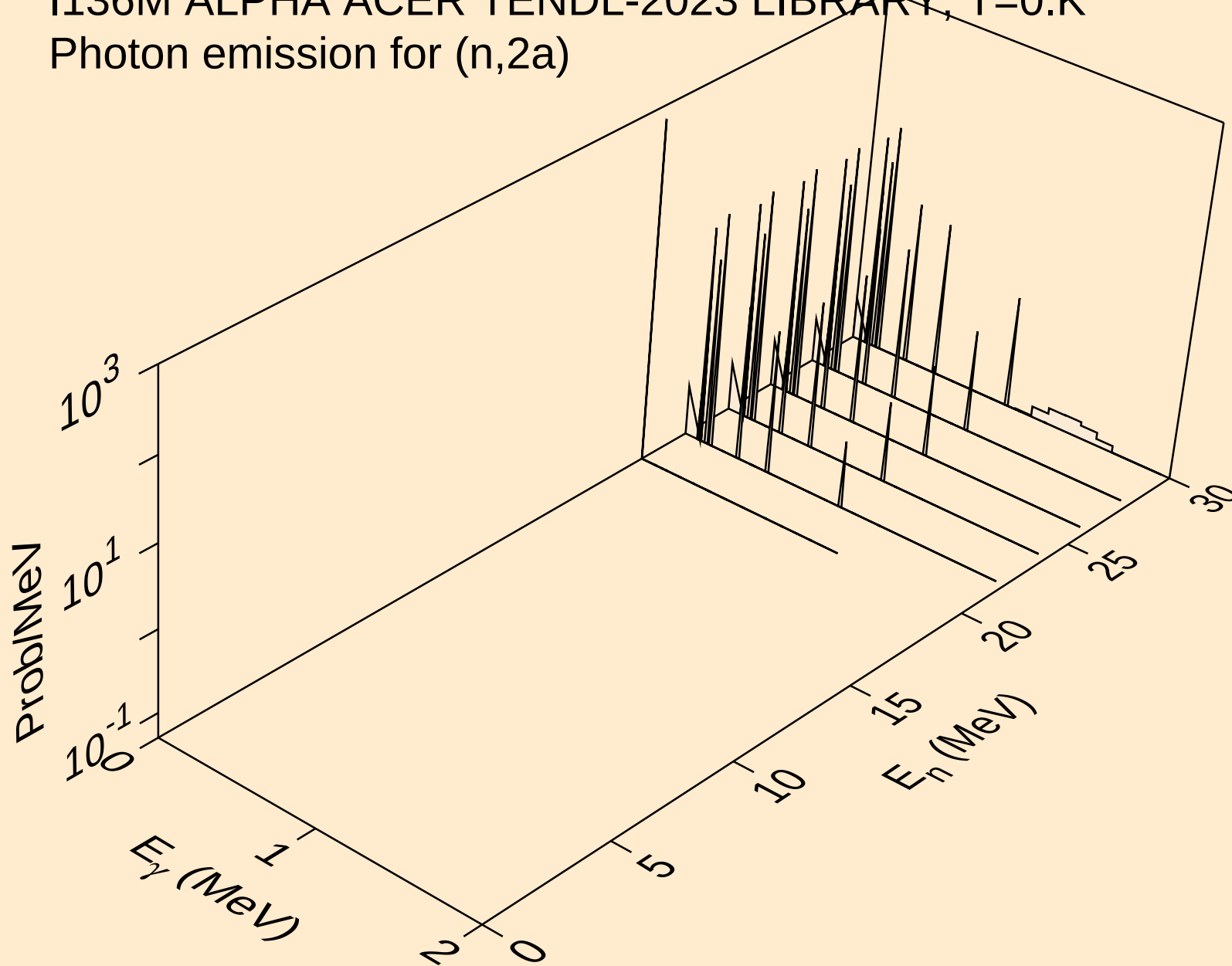
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



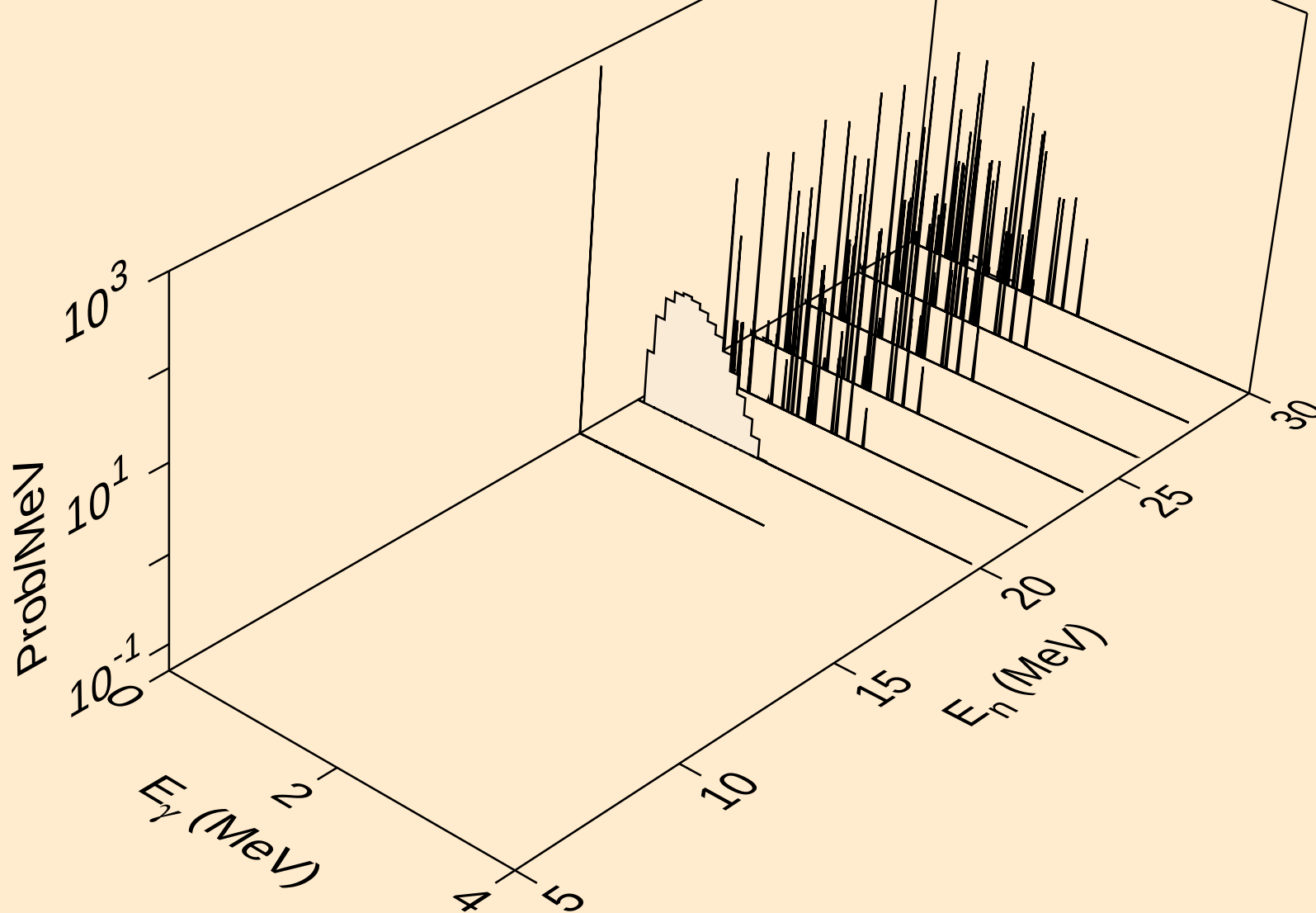
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

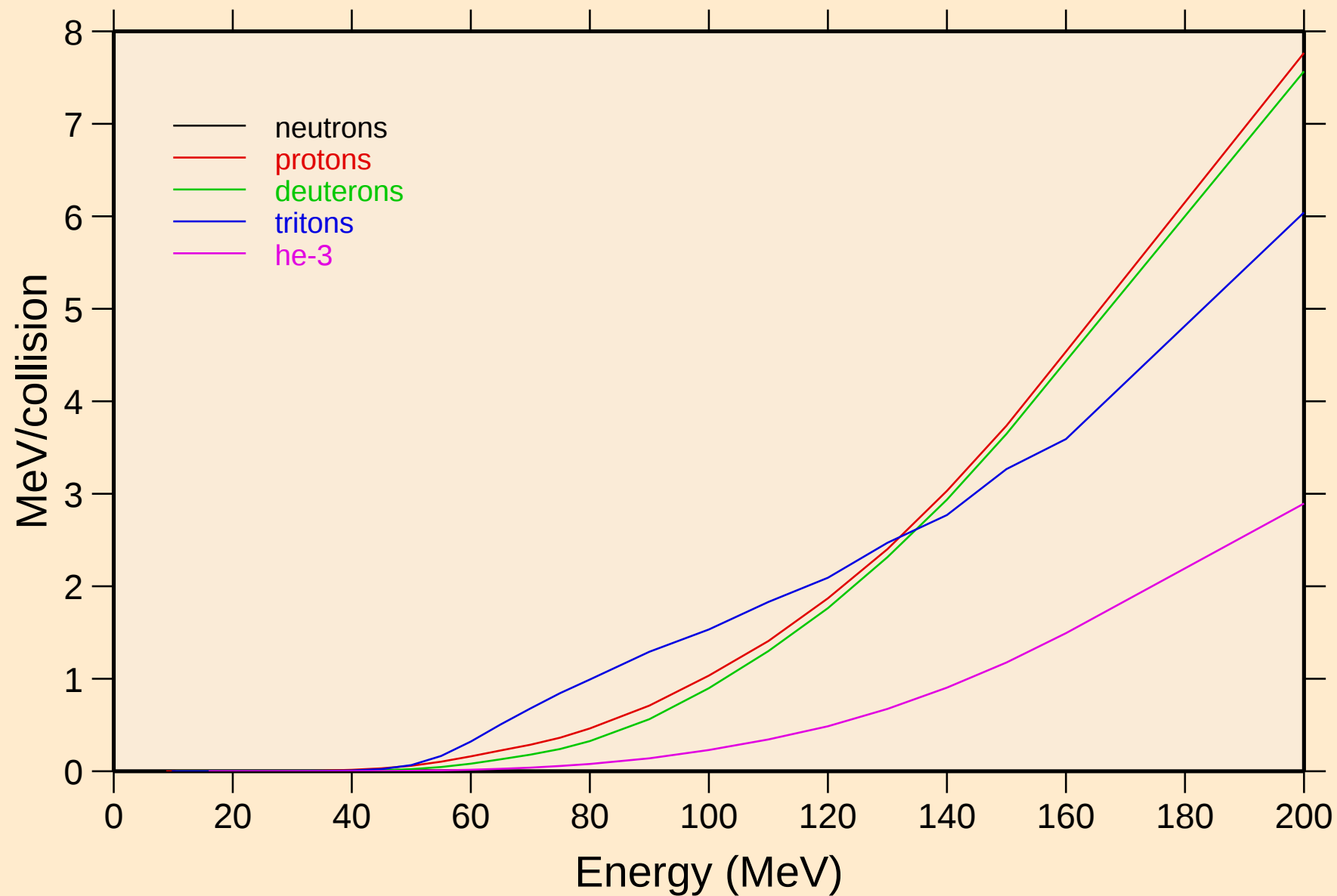


I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



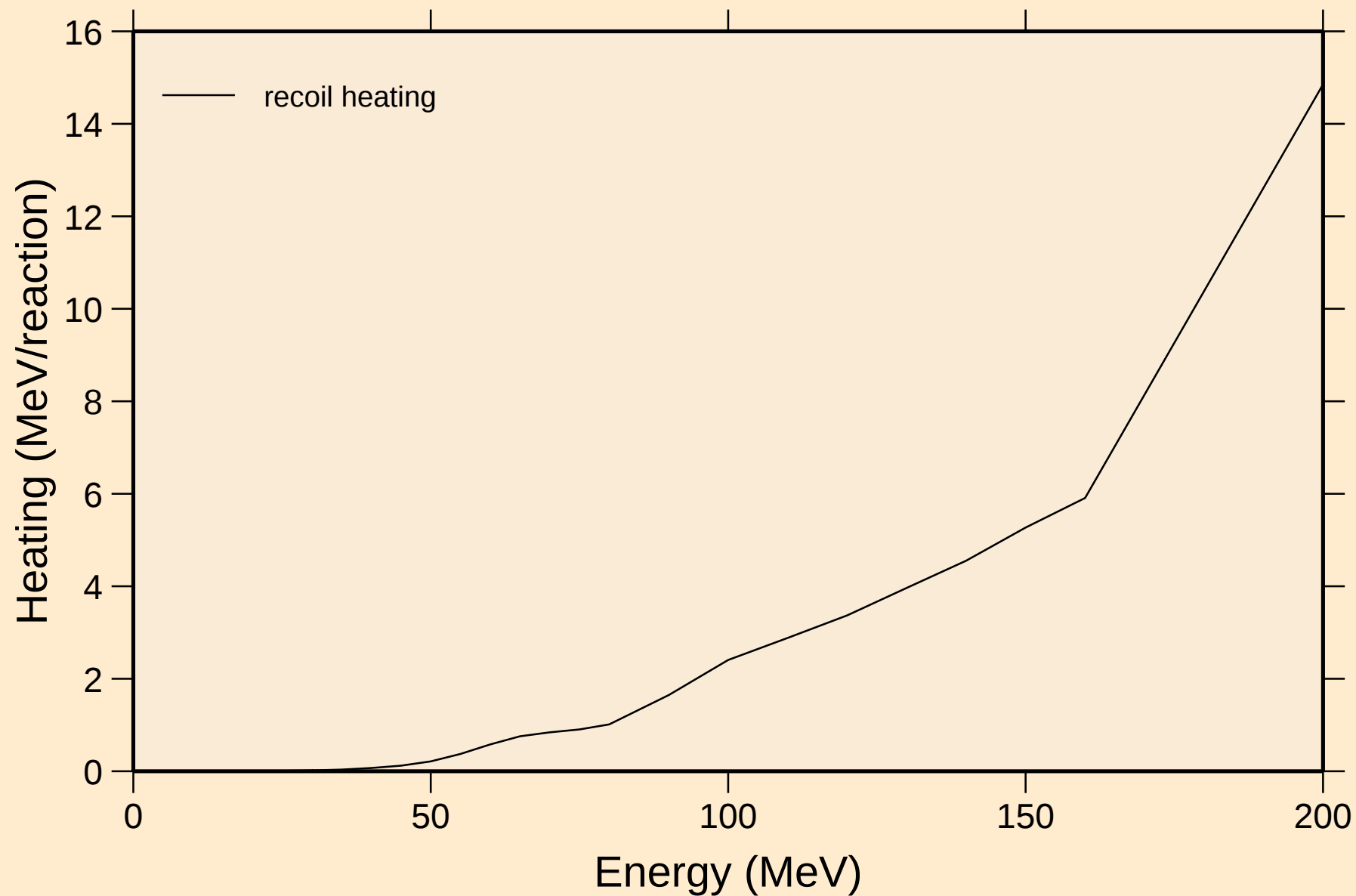
# I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



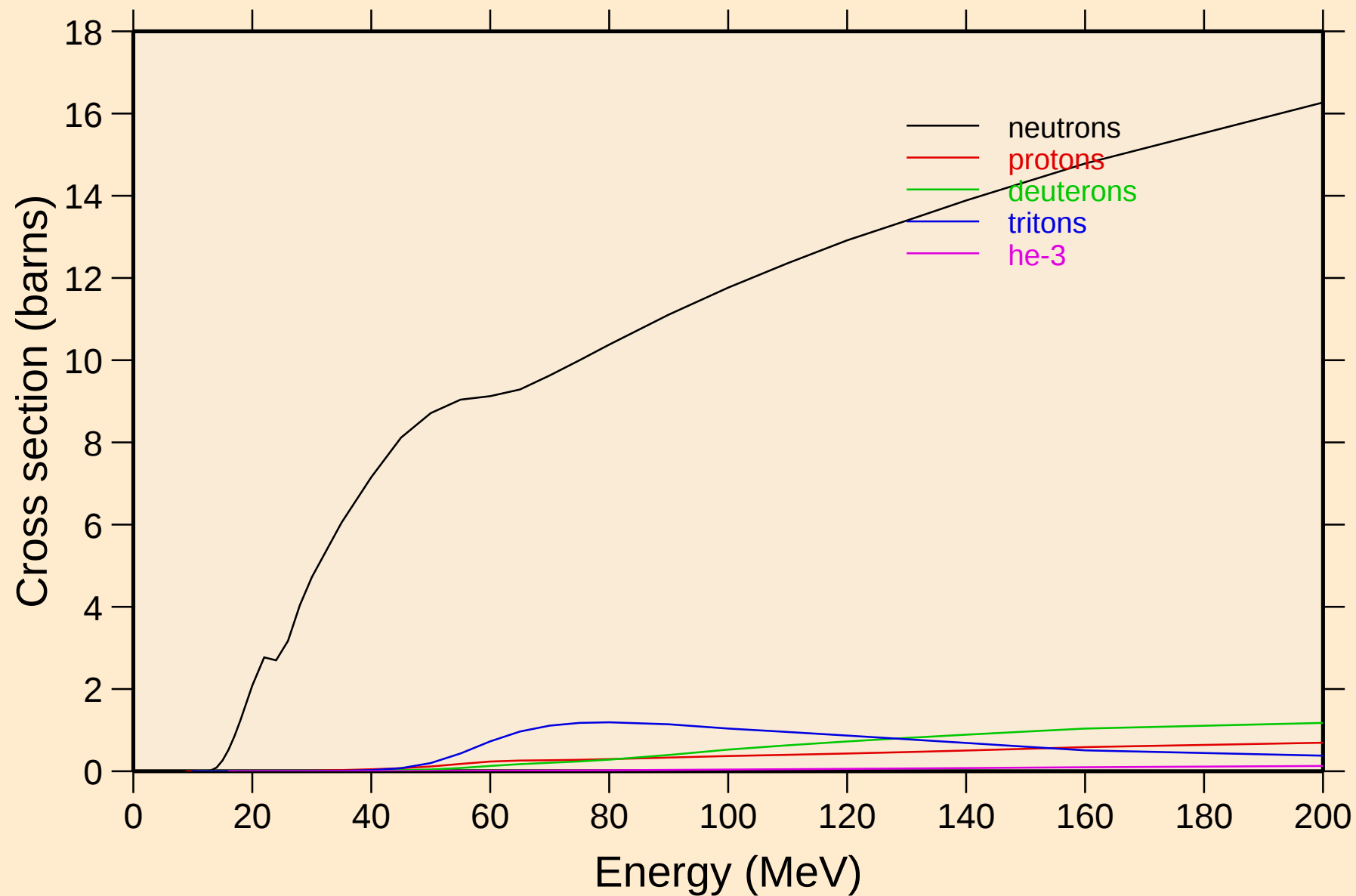
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

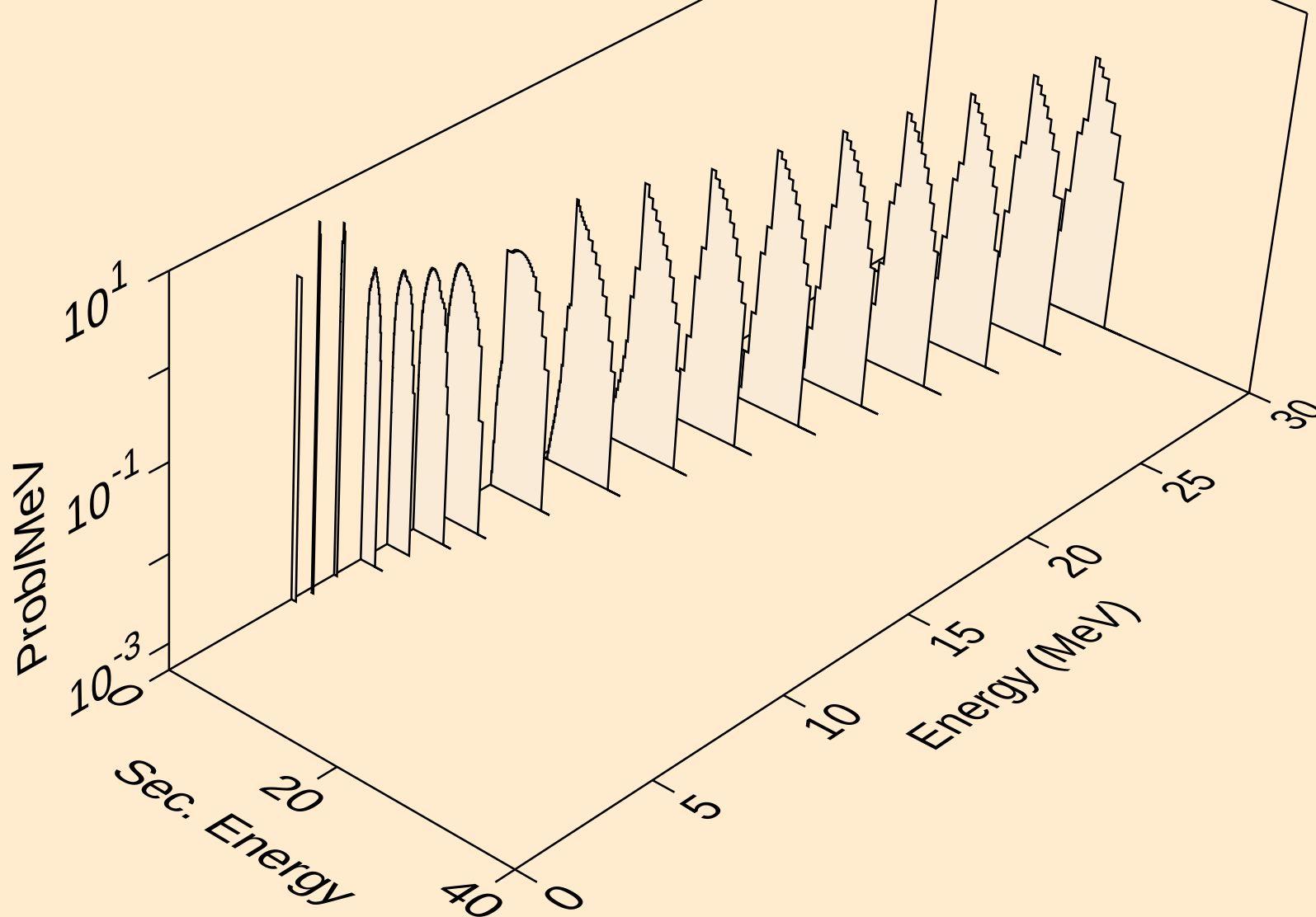


# I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

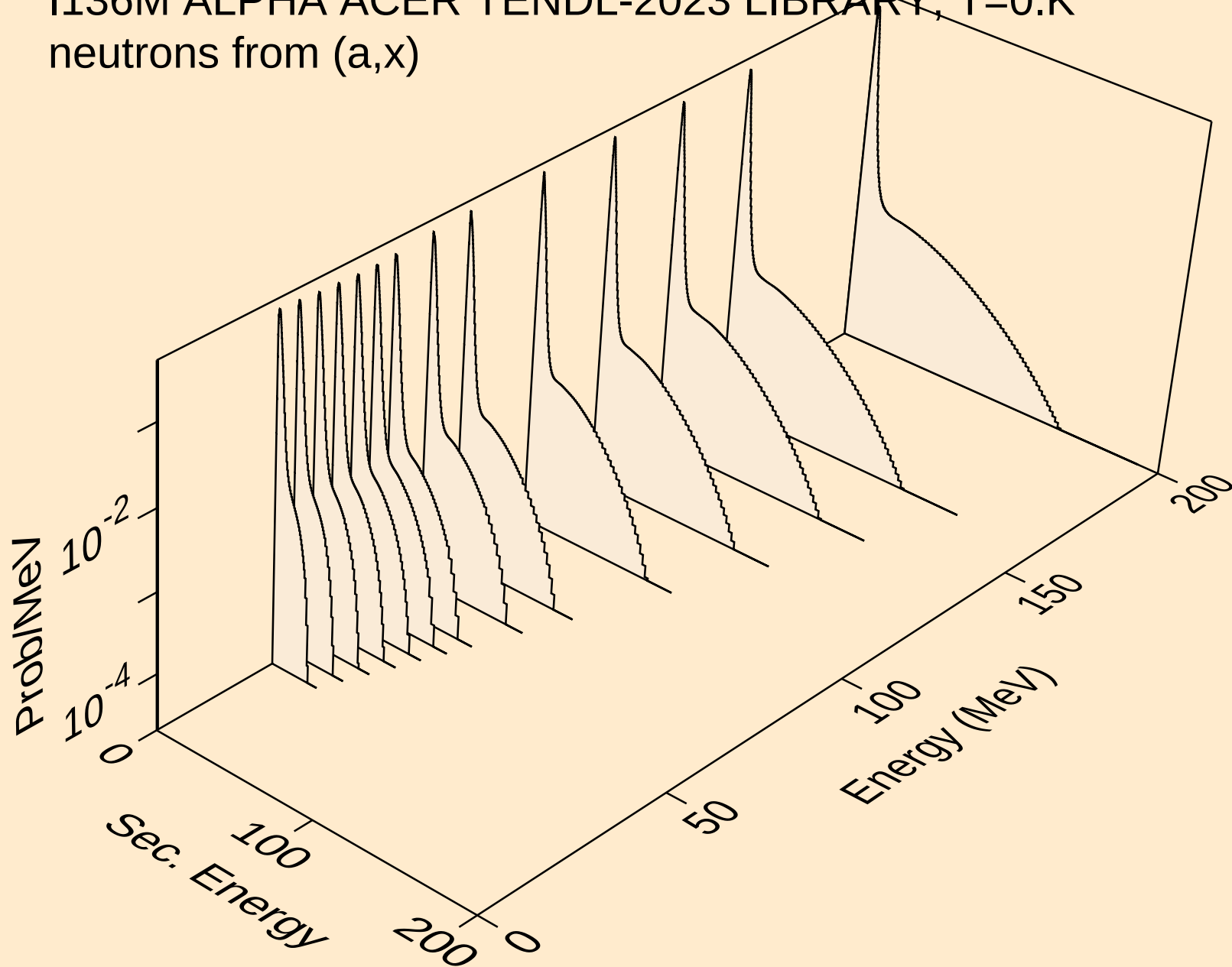
## Particle production cross sections



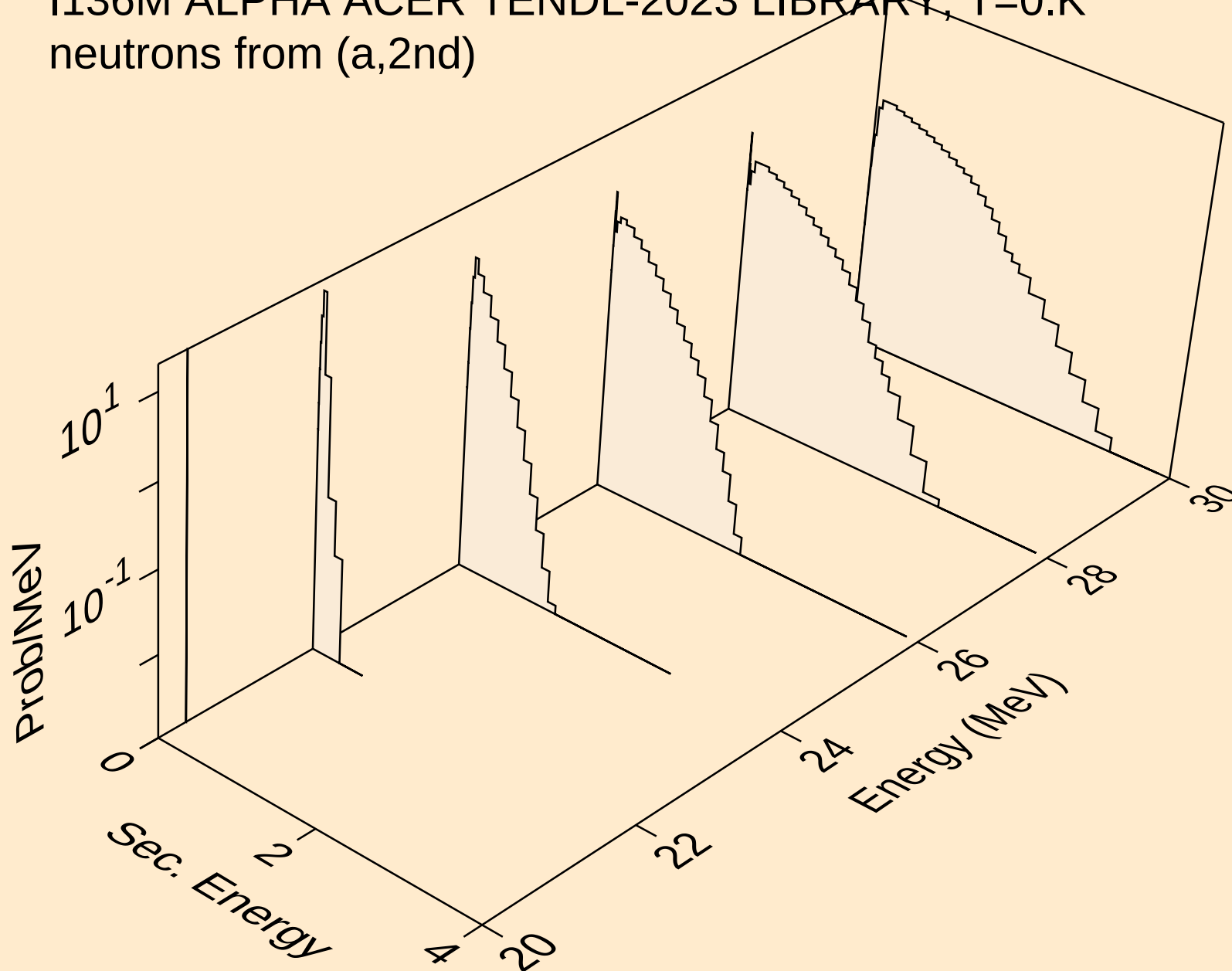
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



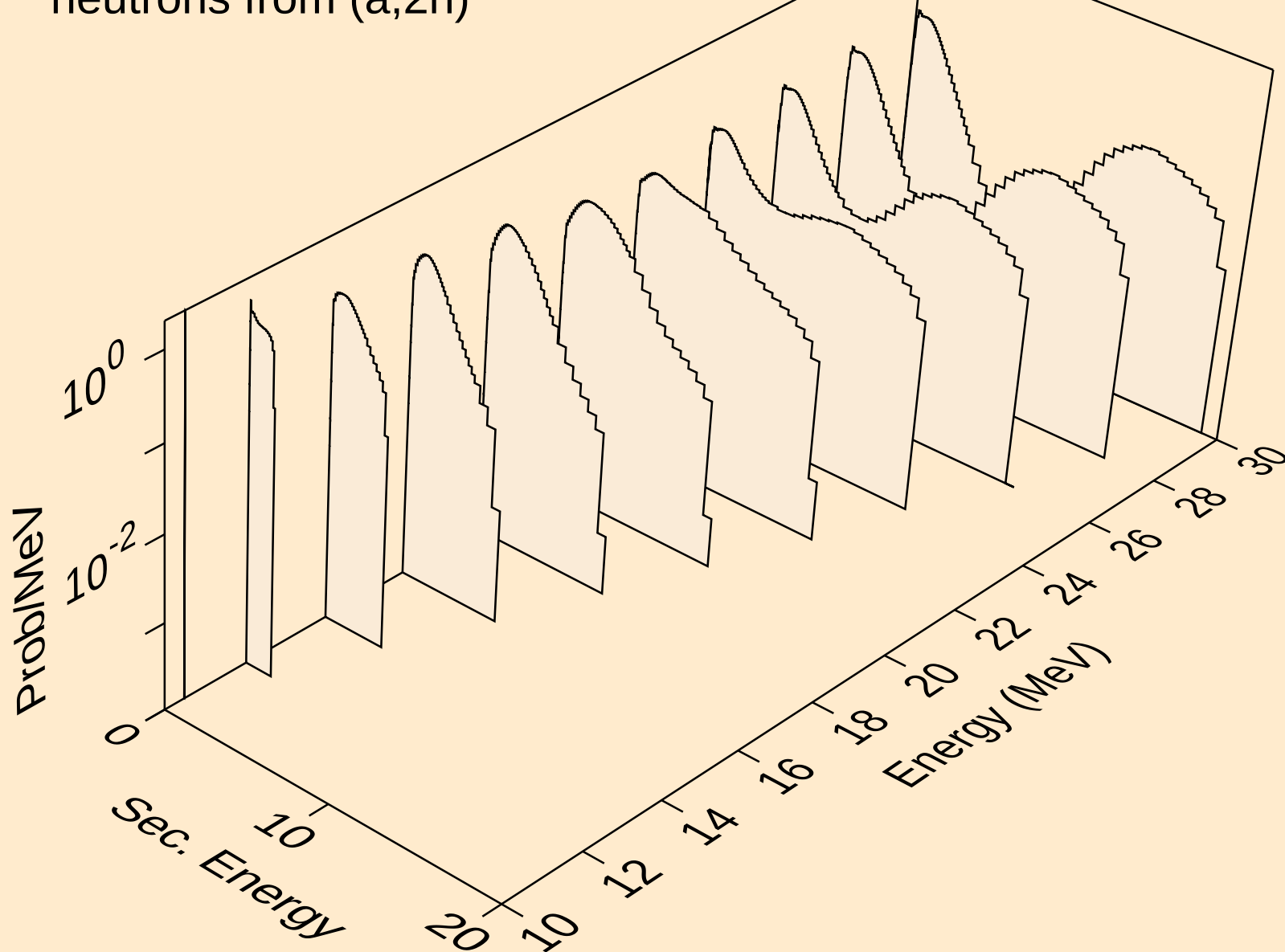
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



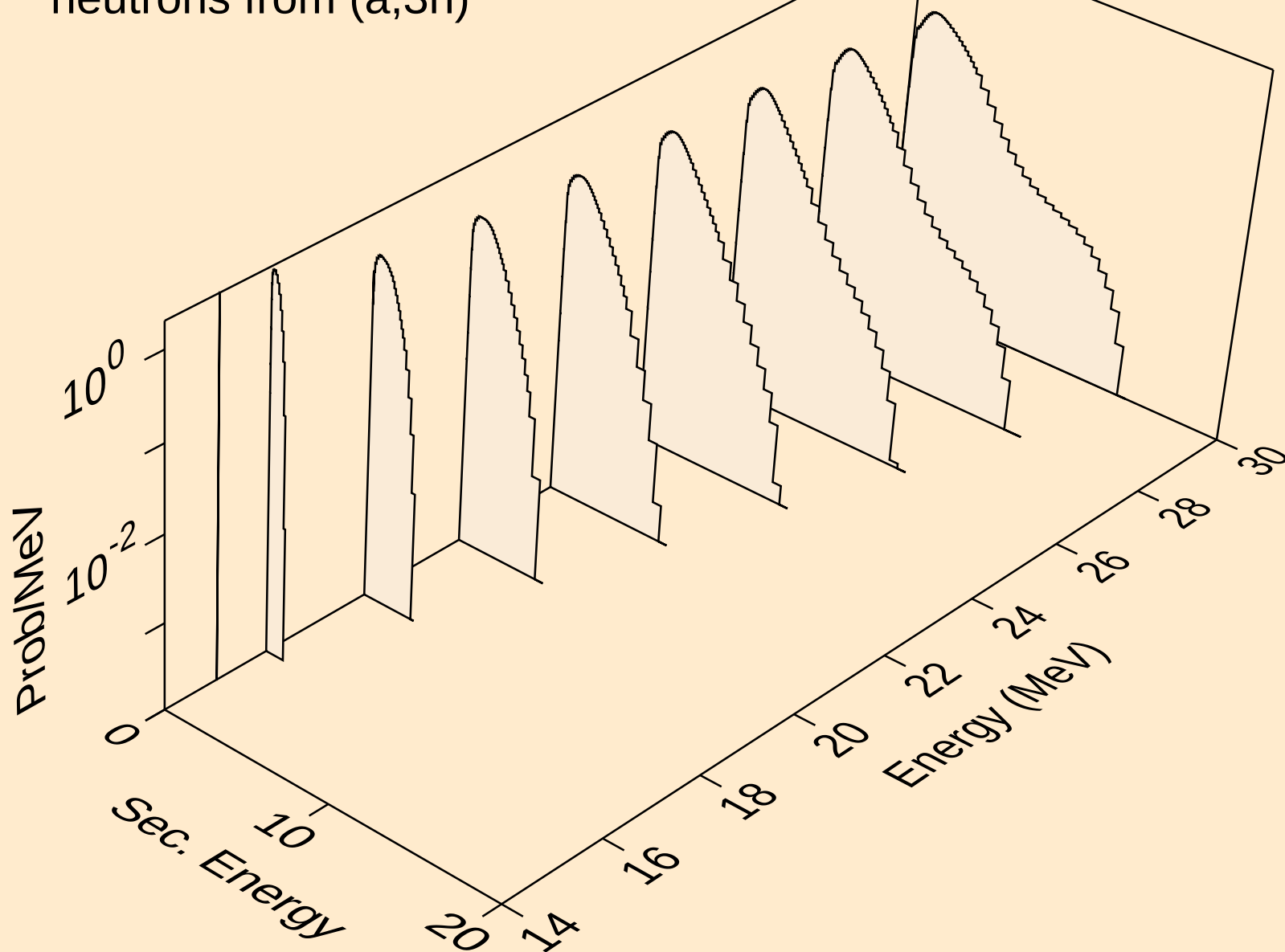
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



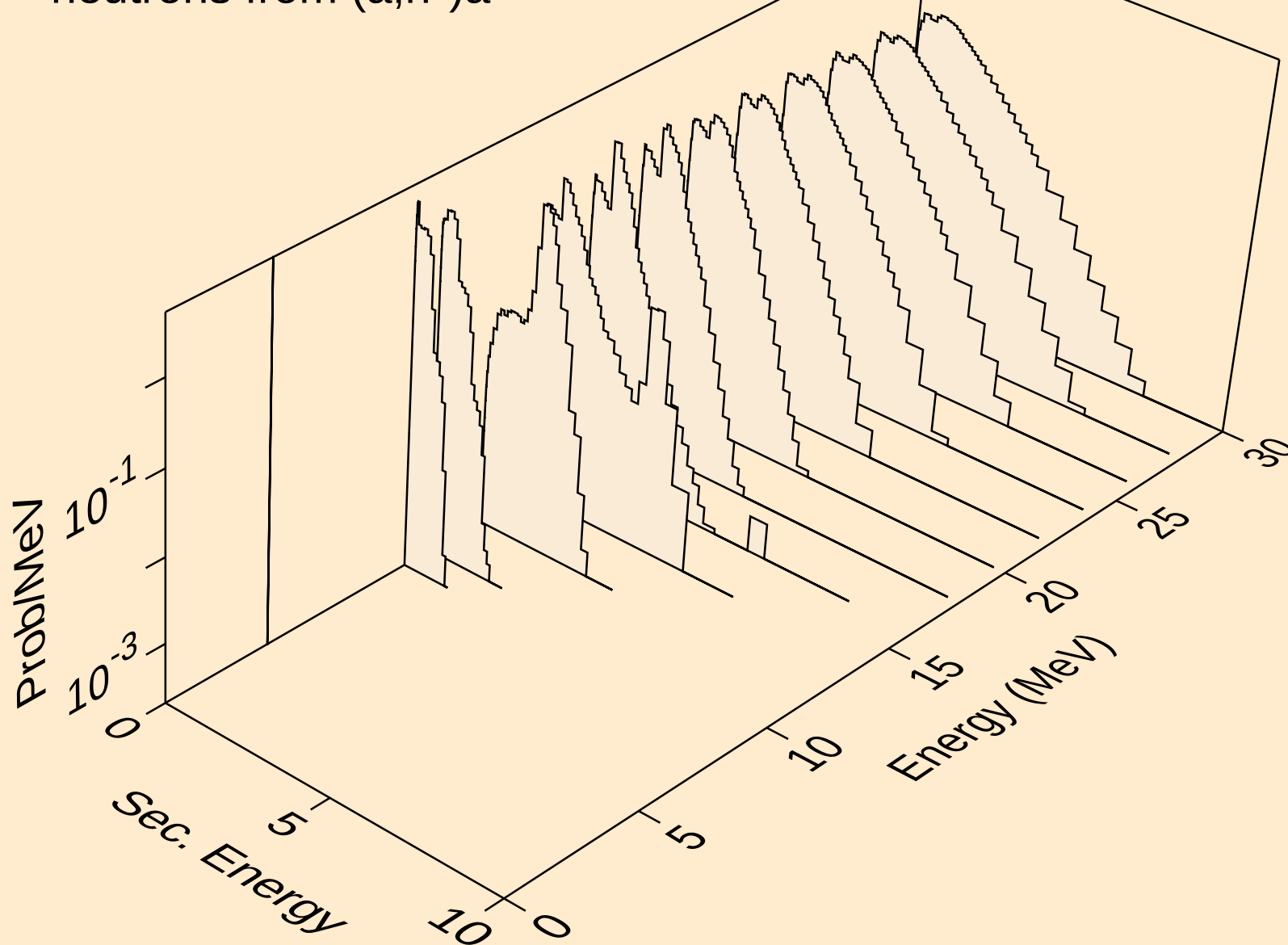
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



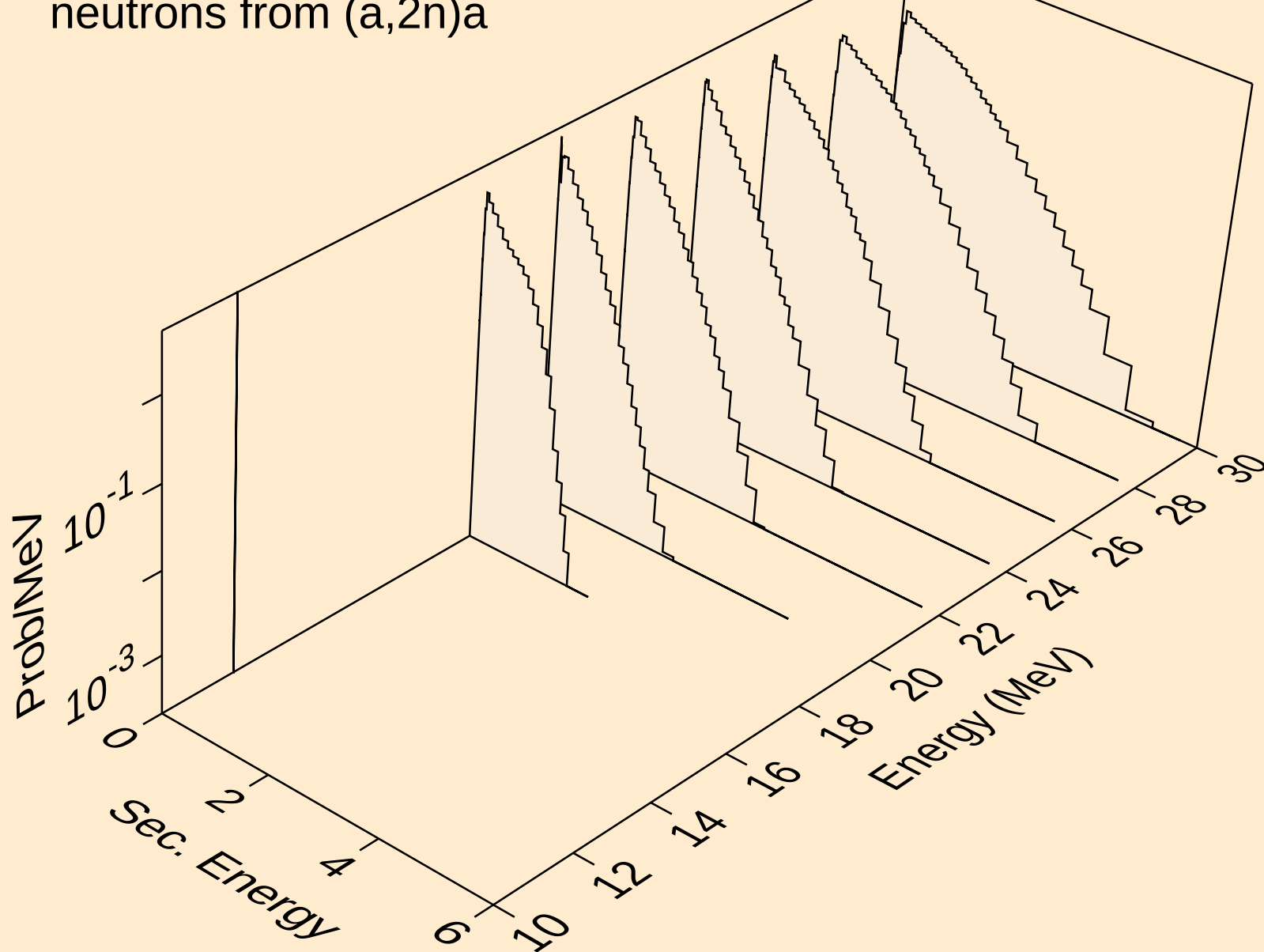
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



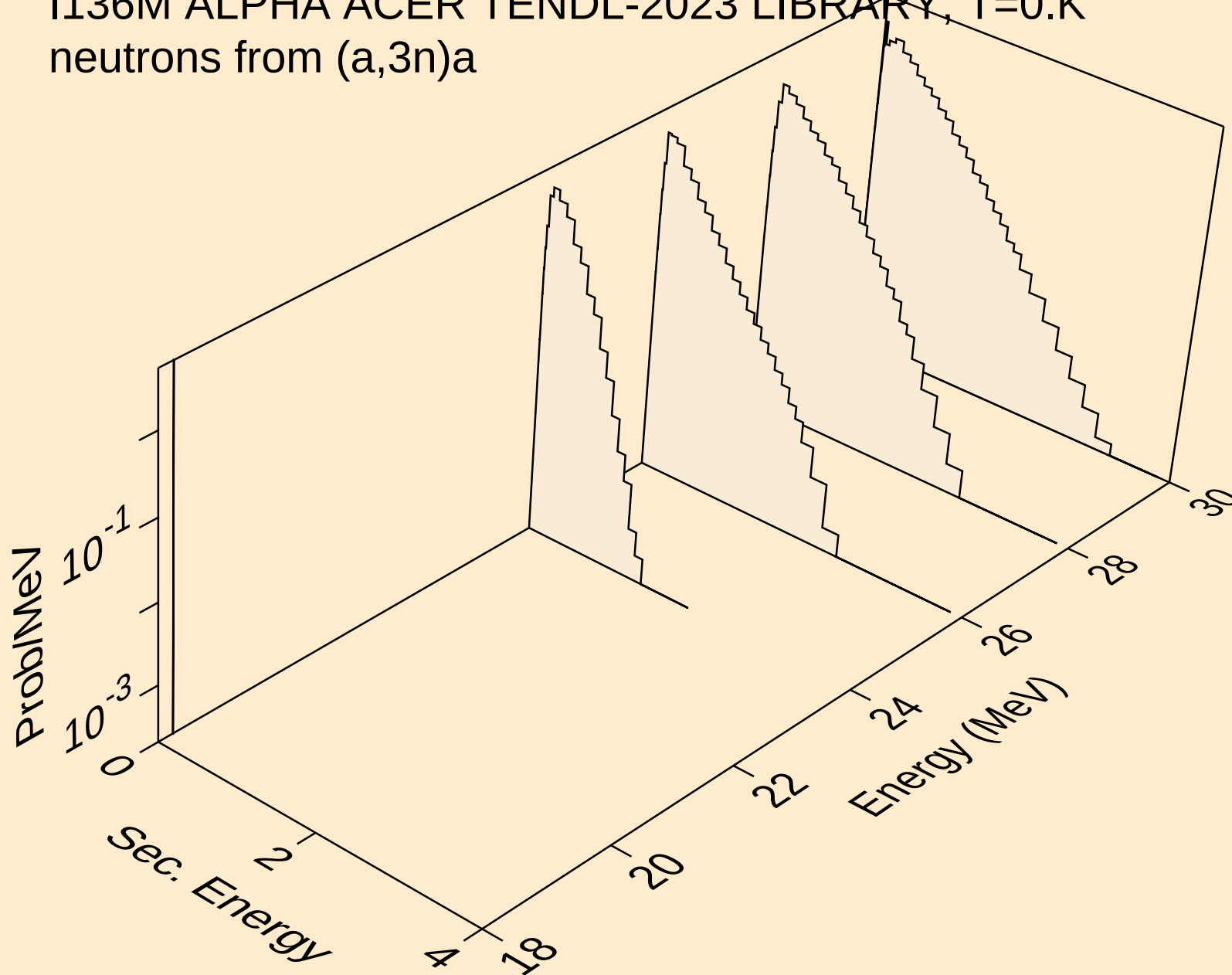
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



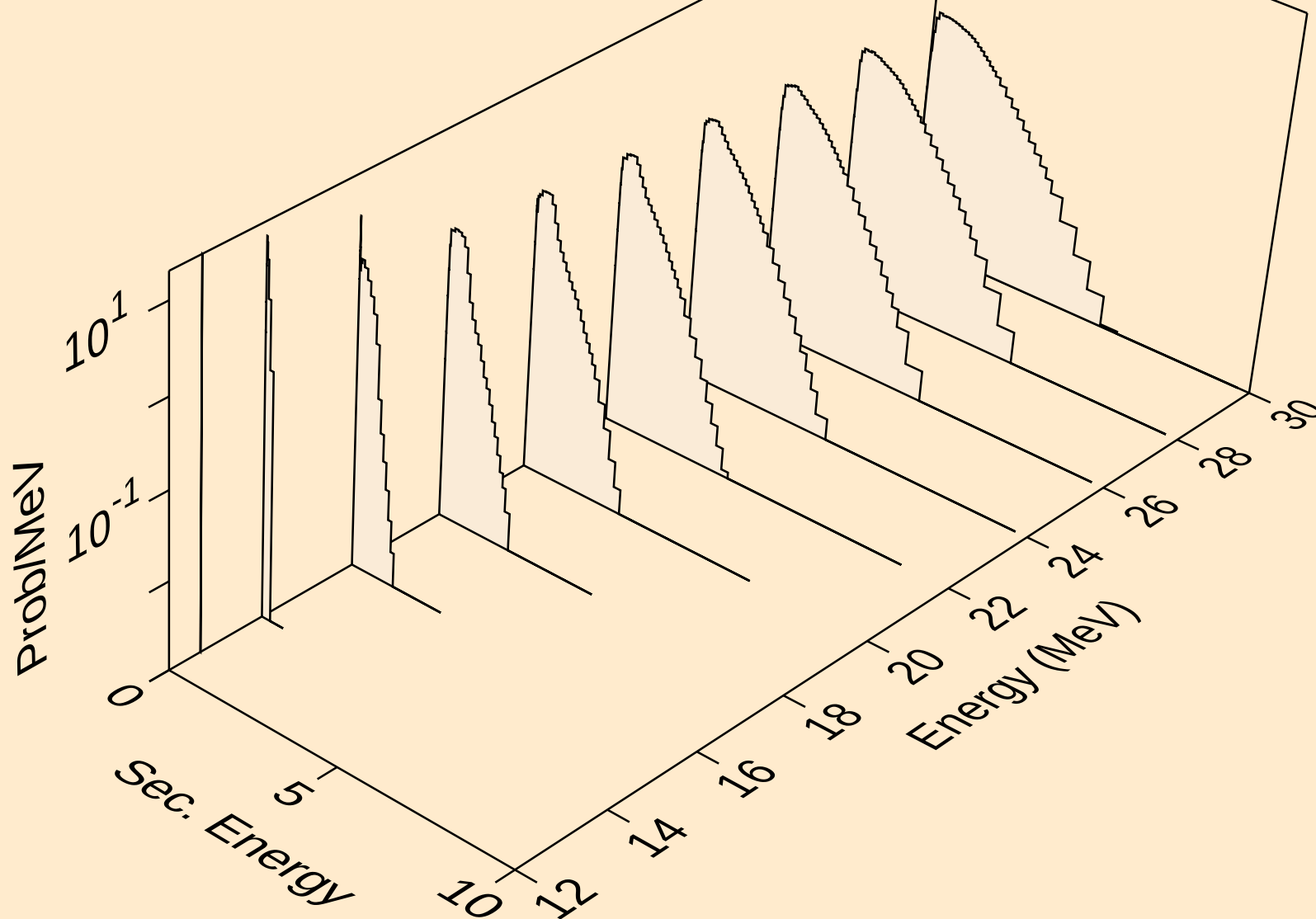
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



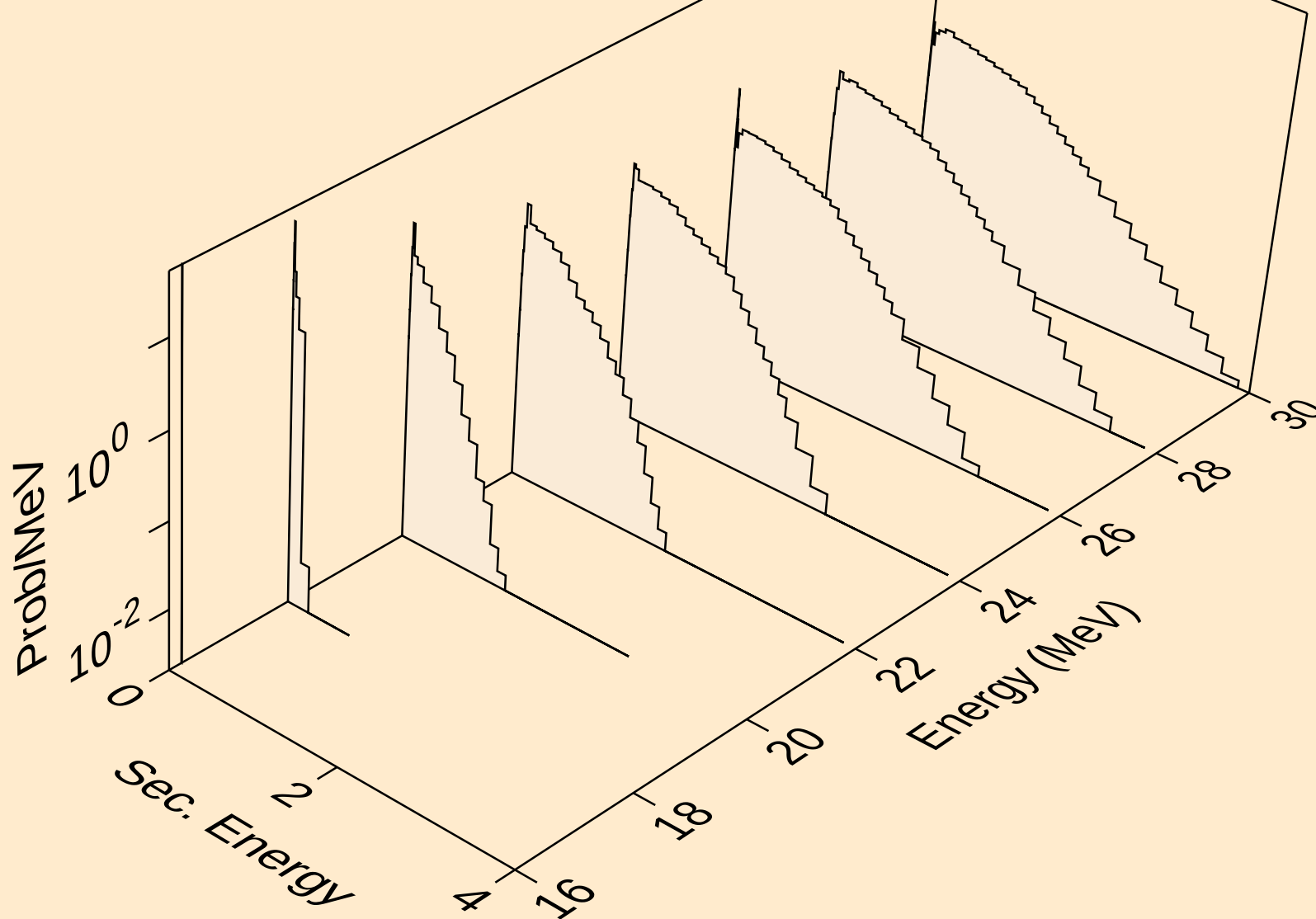
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



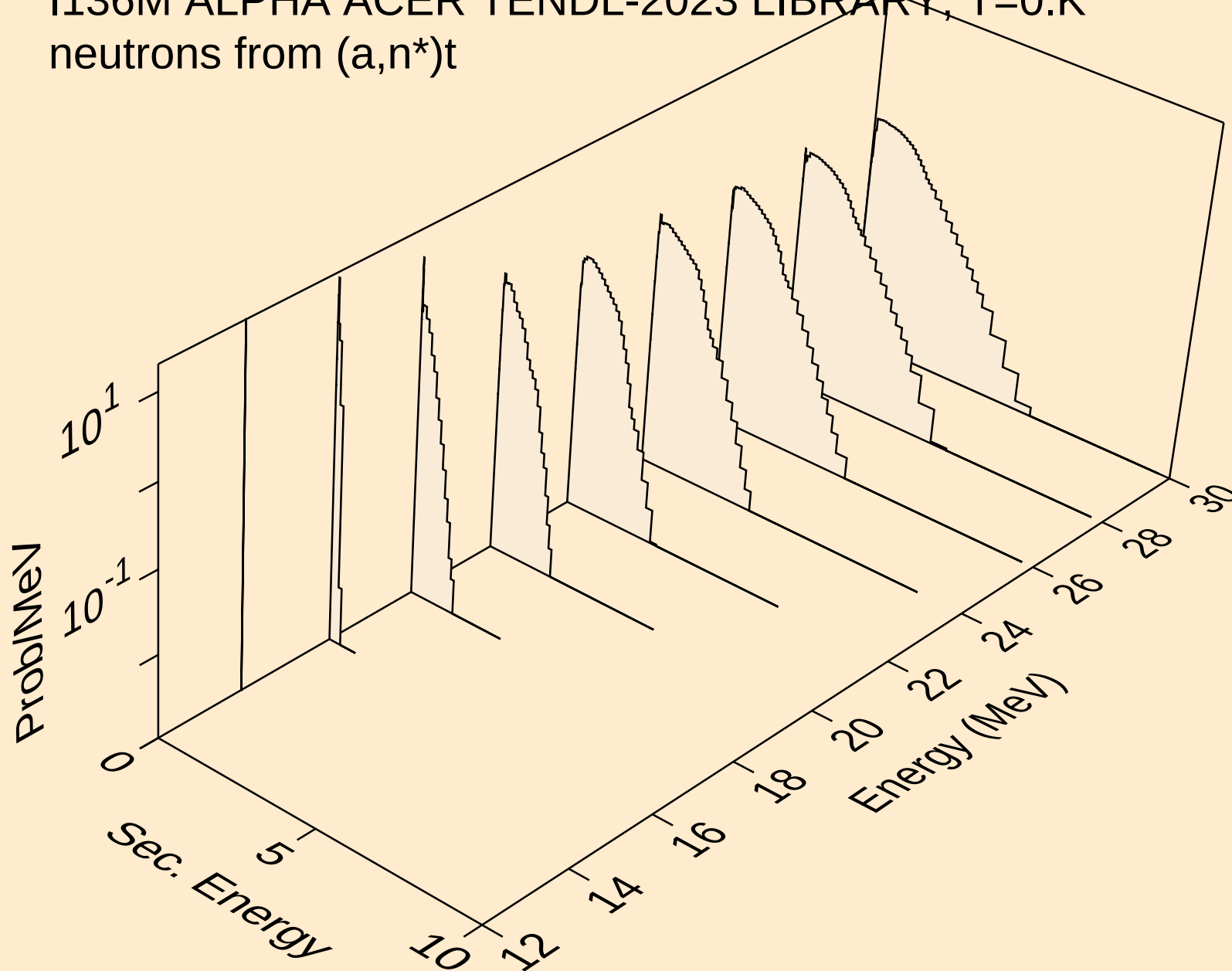
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



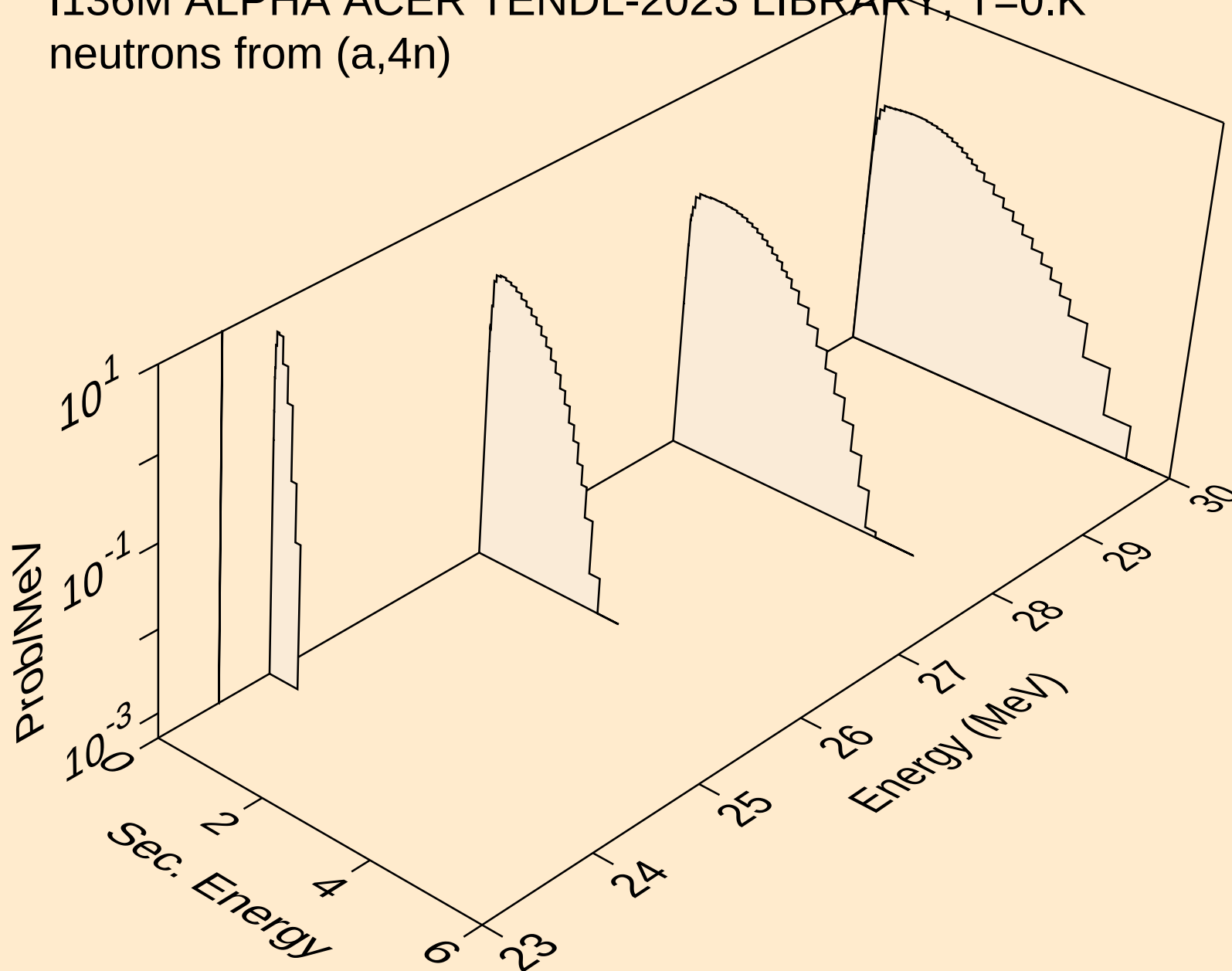
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



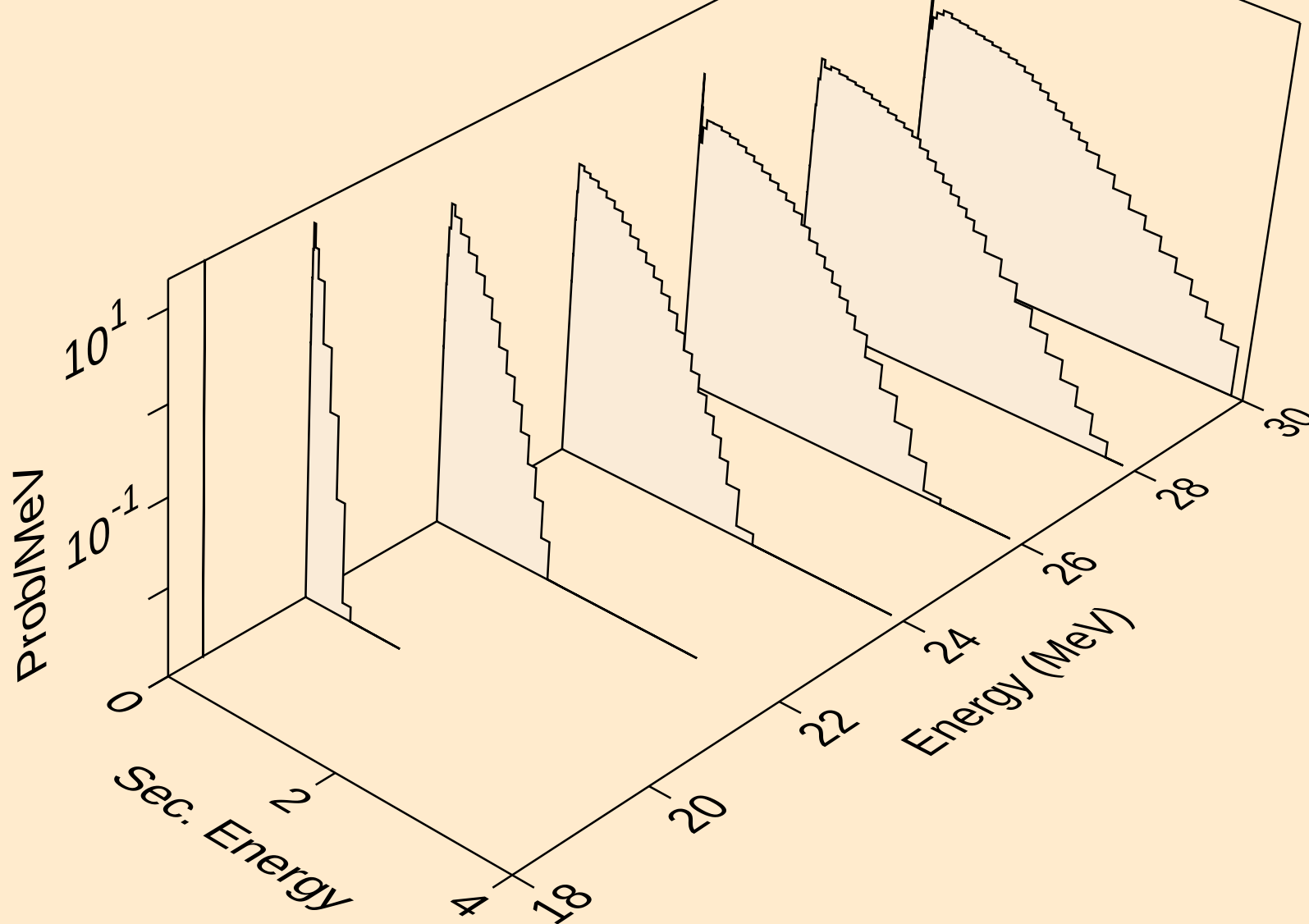
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



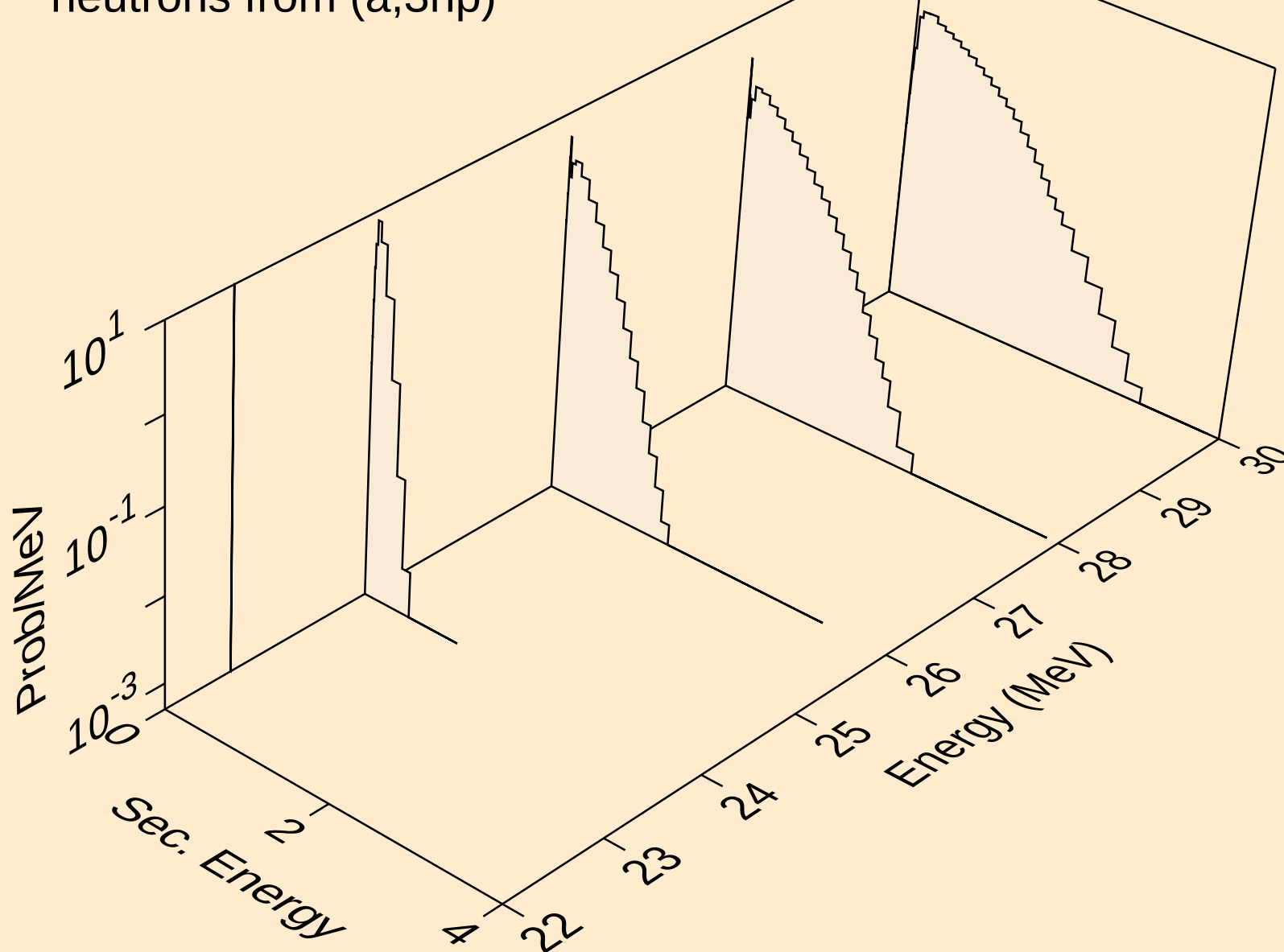
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



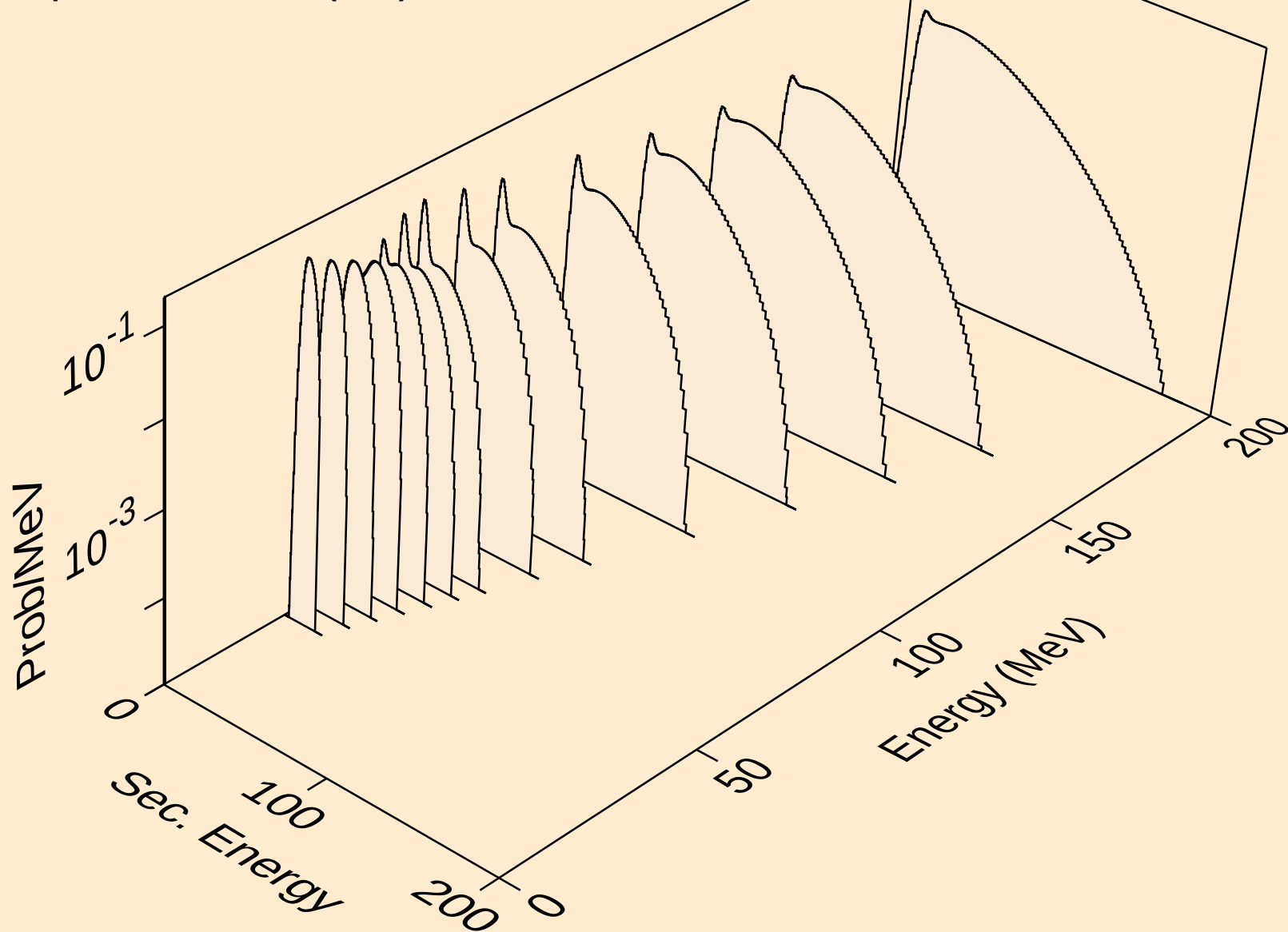
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



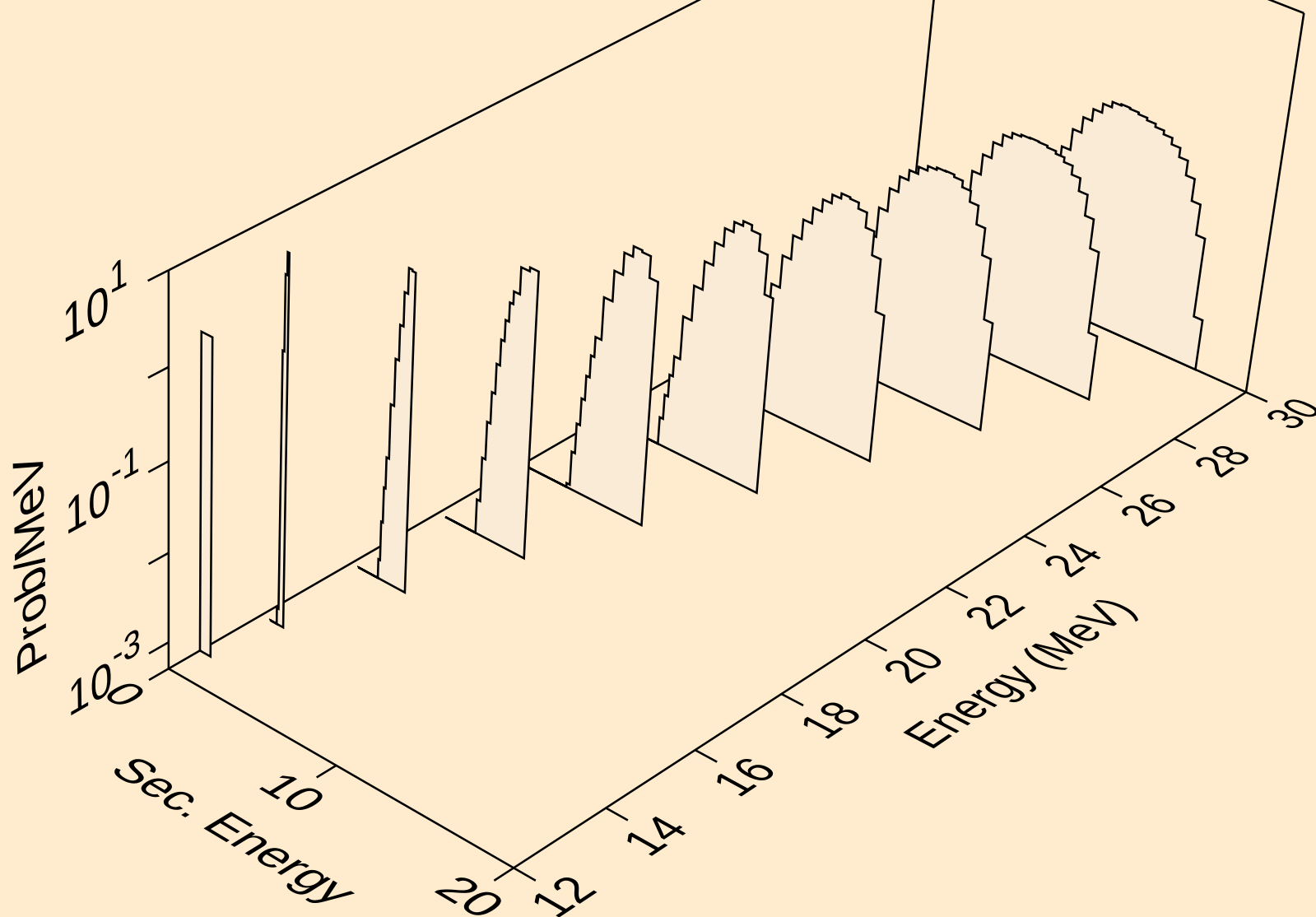
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



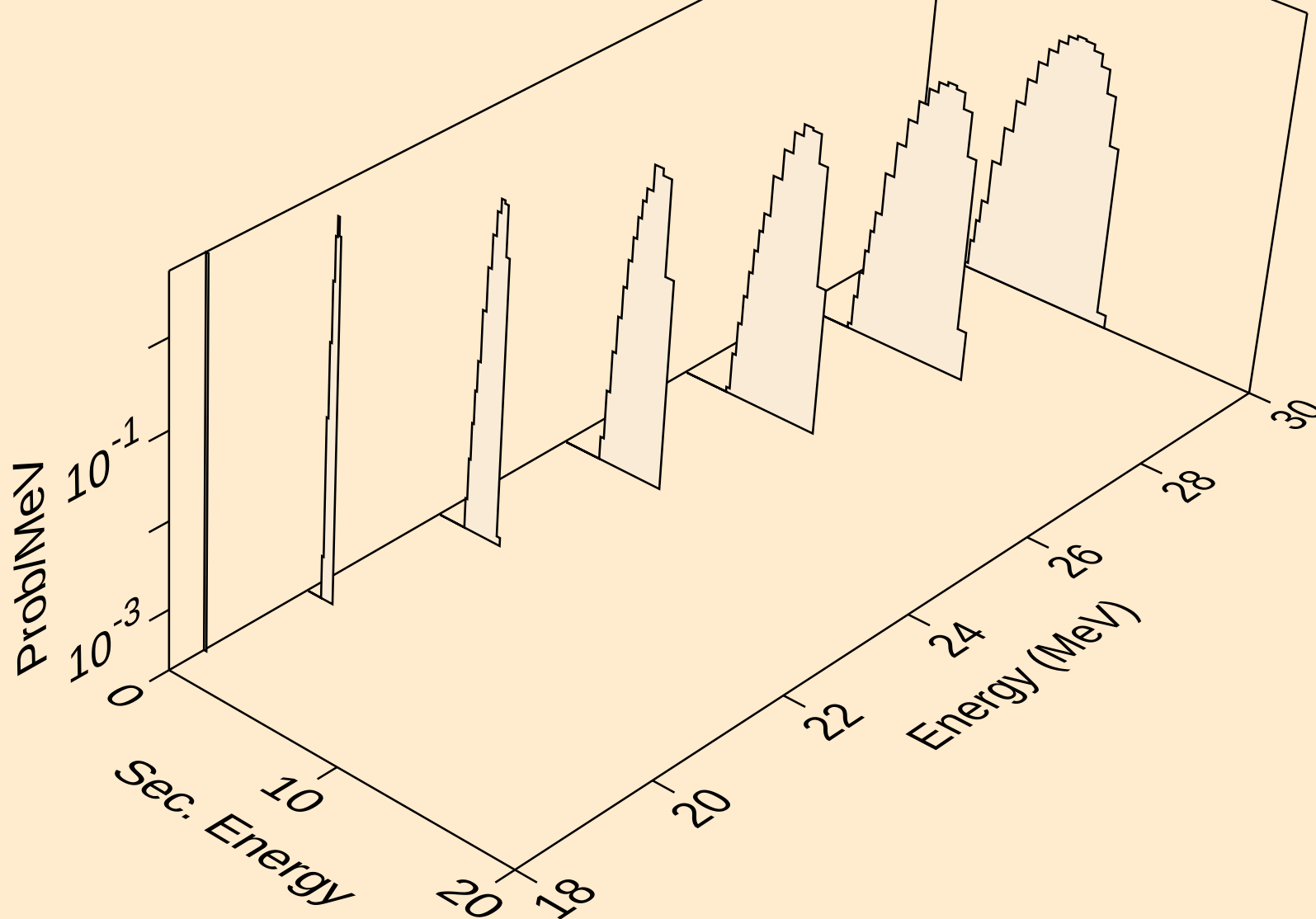
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



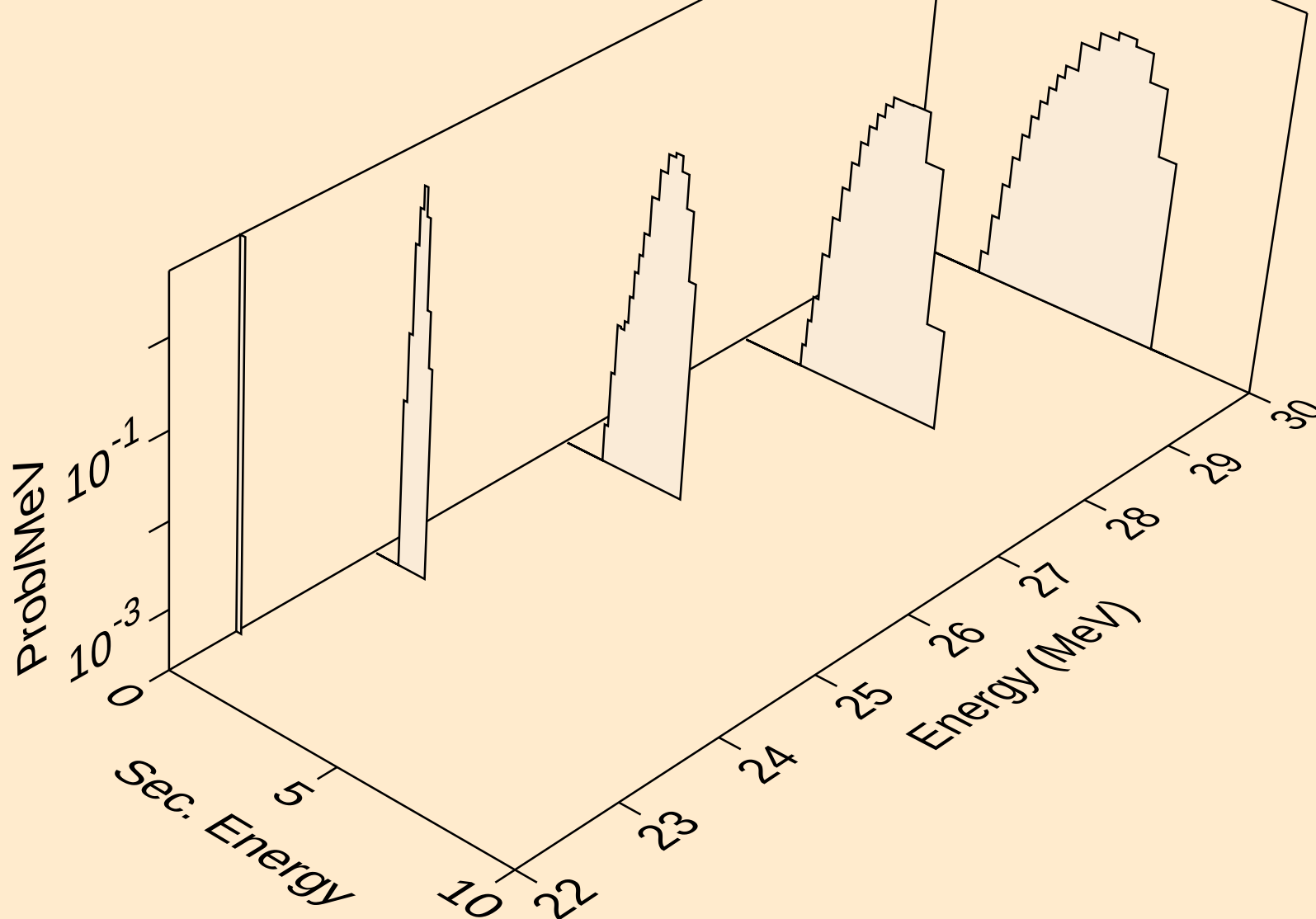
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



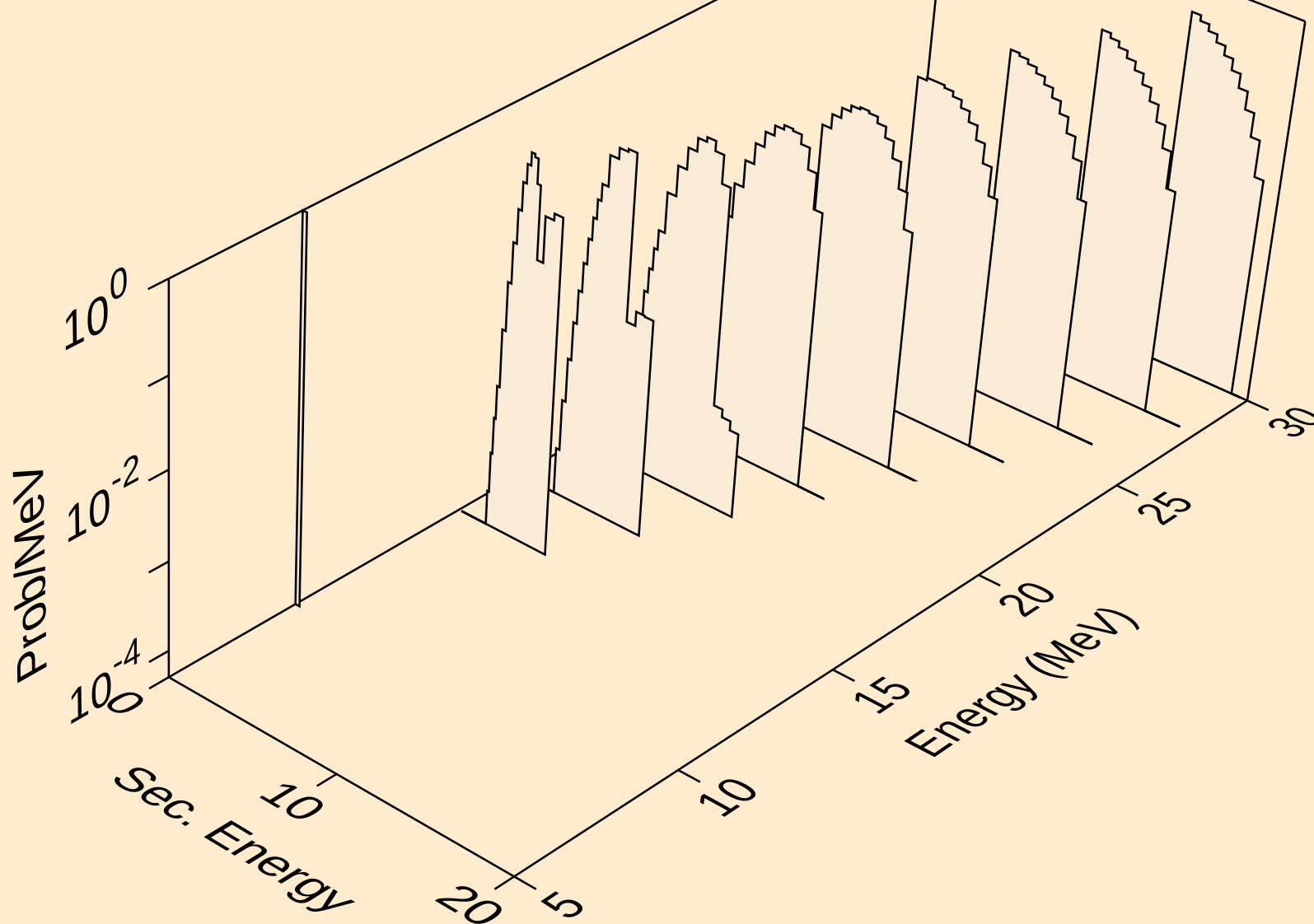
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



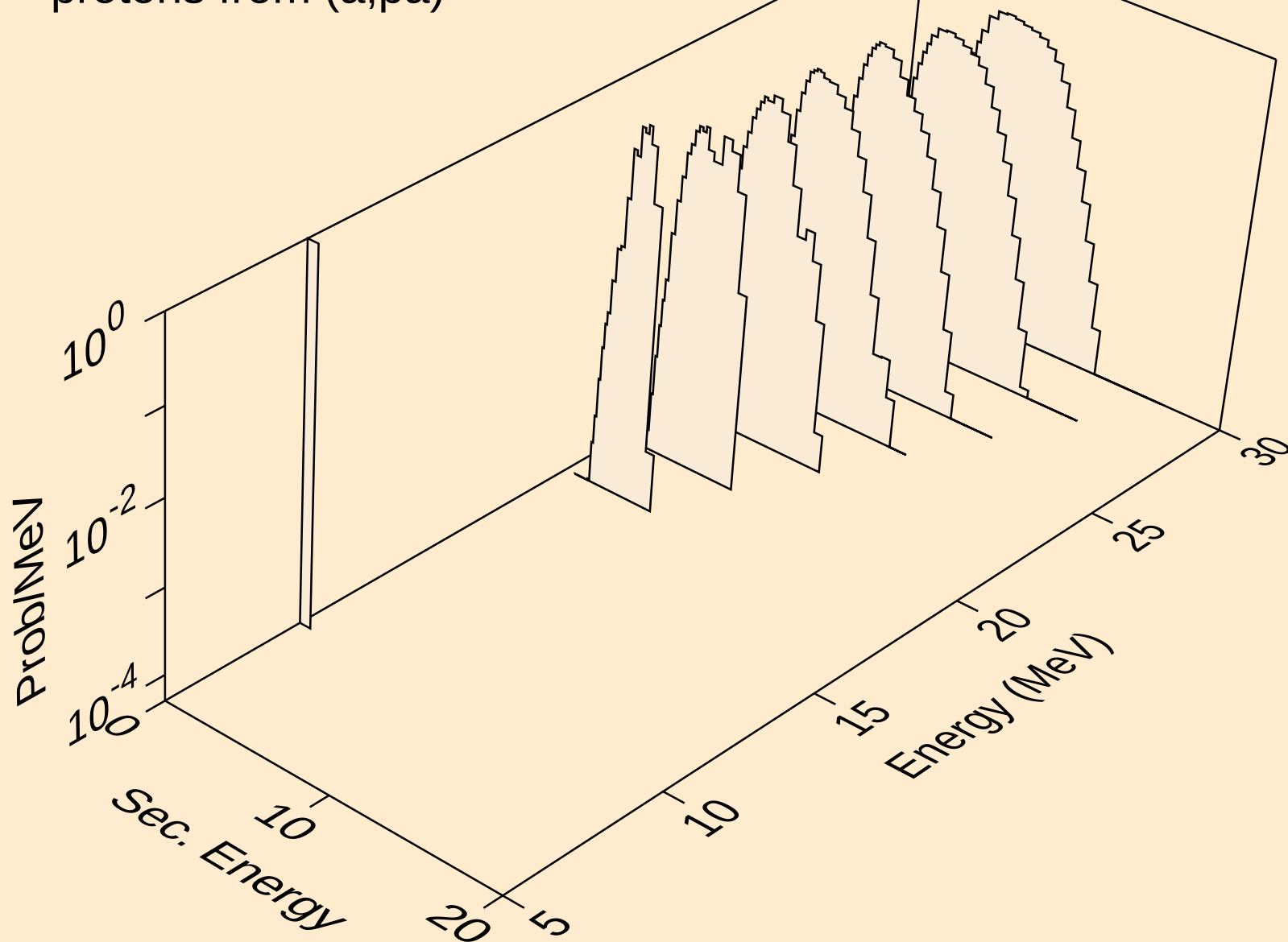
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



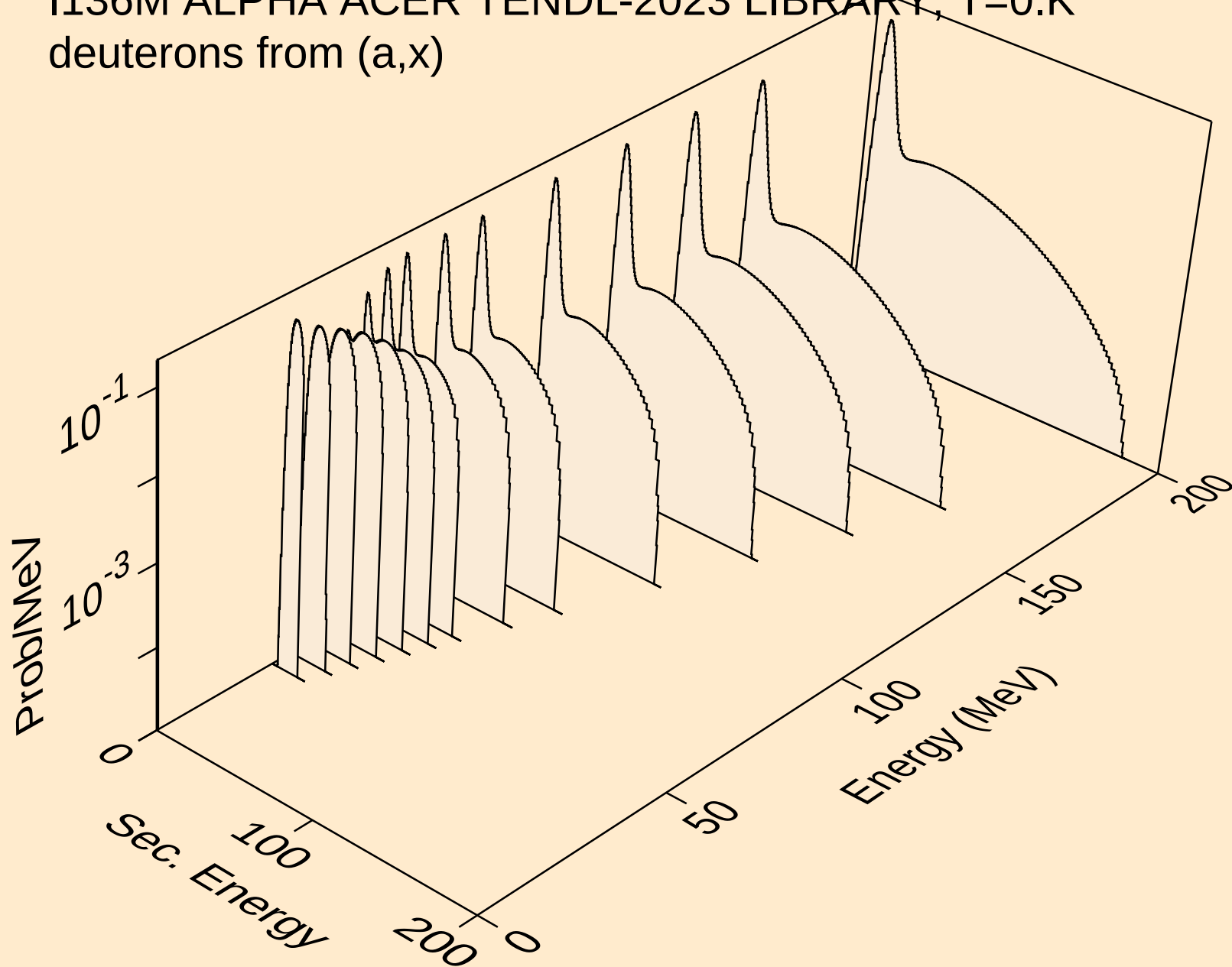
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



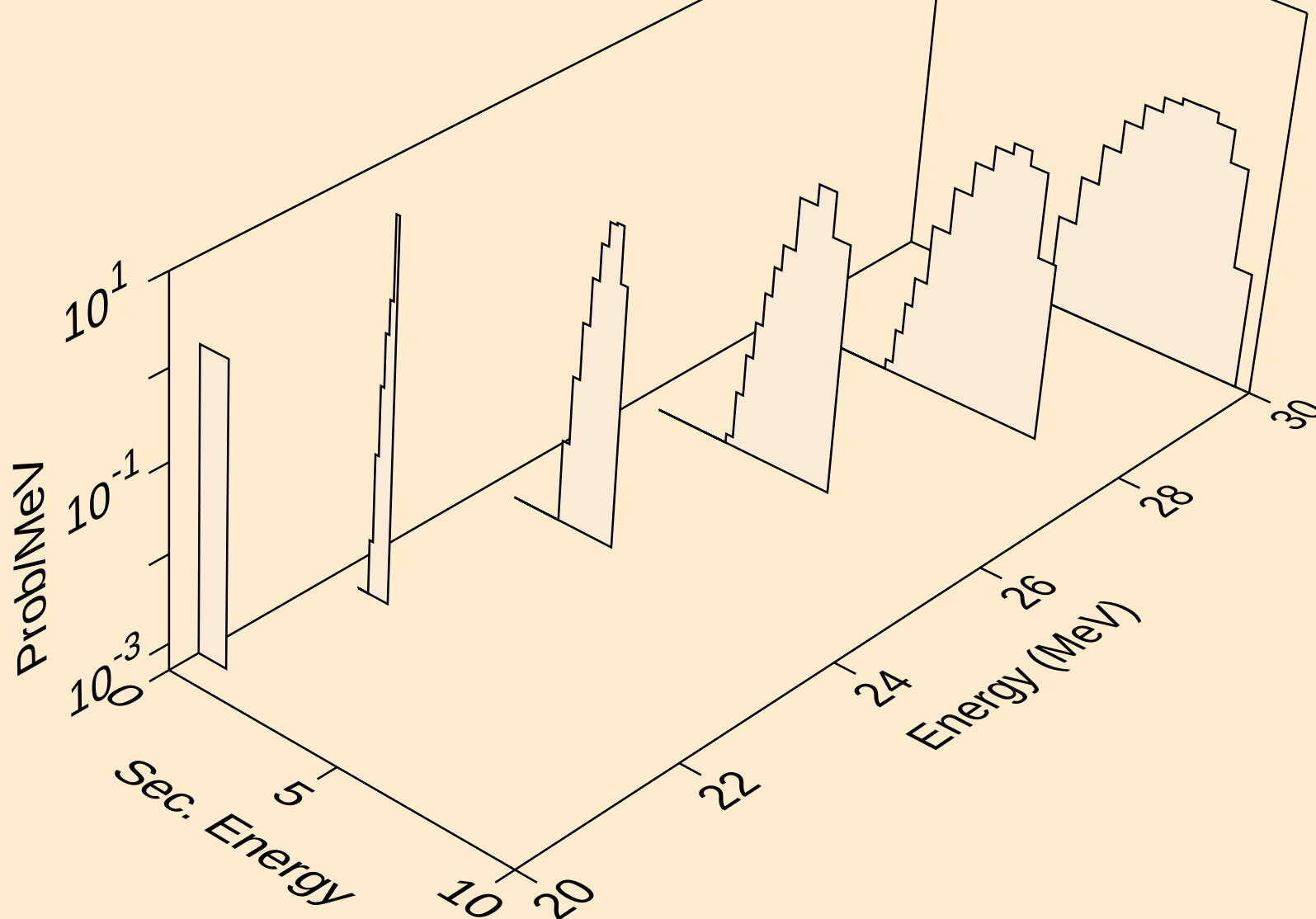
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



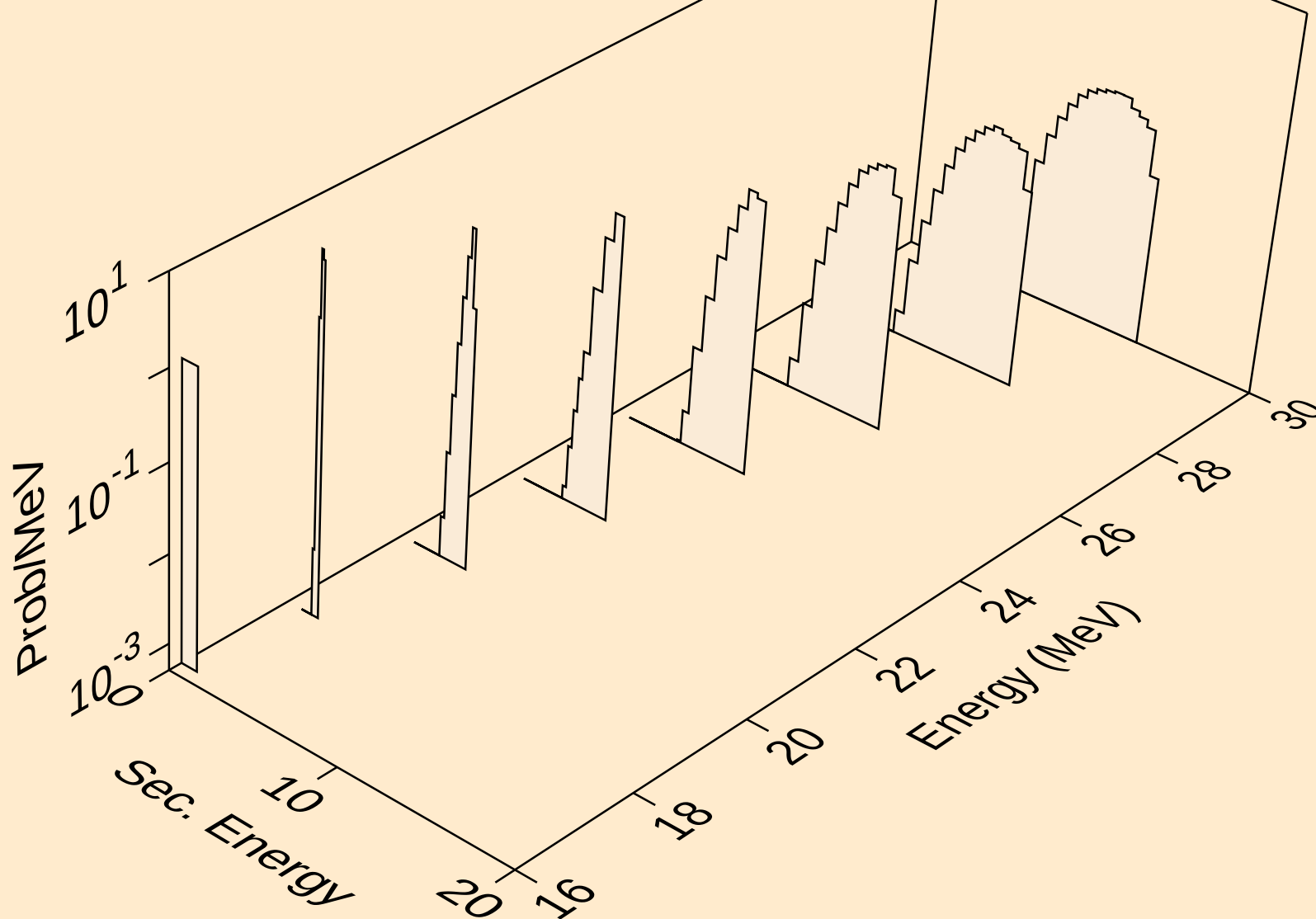
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



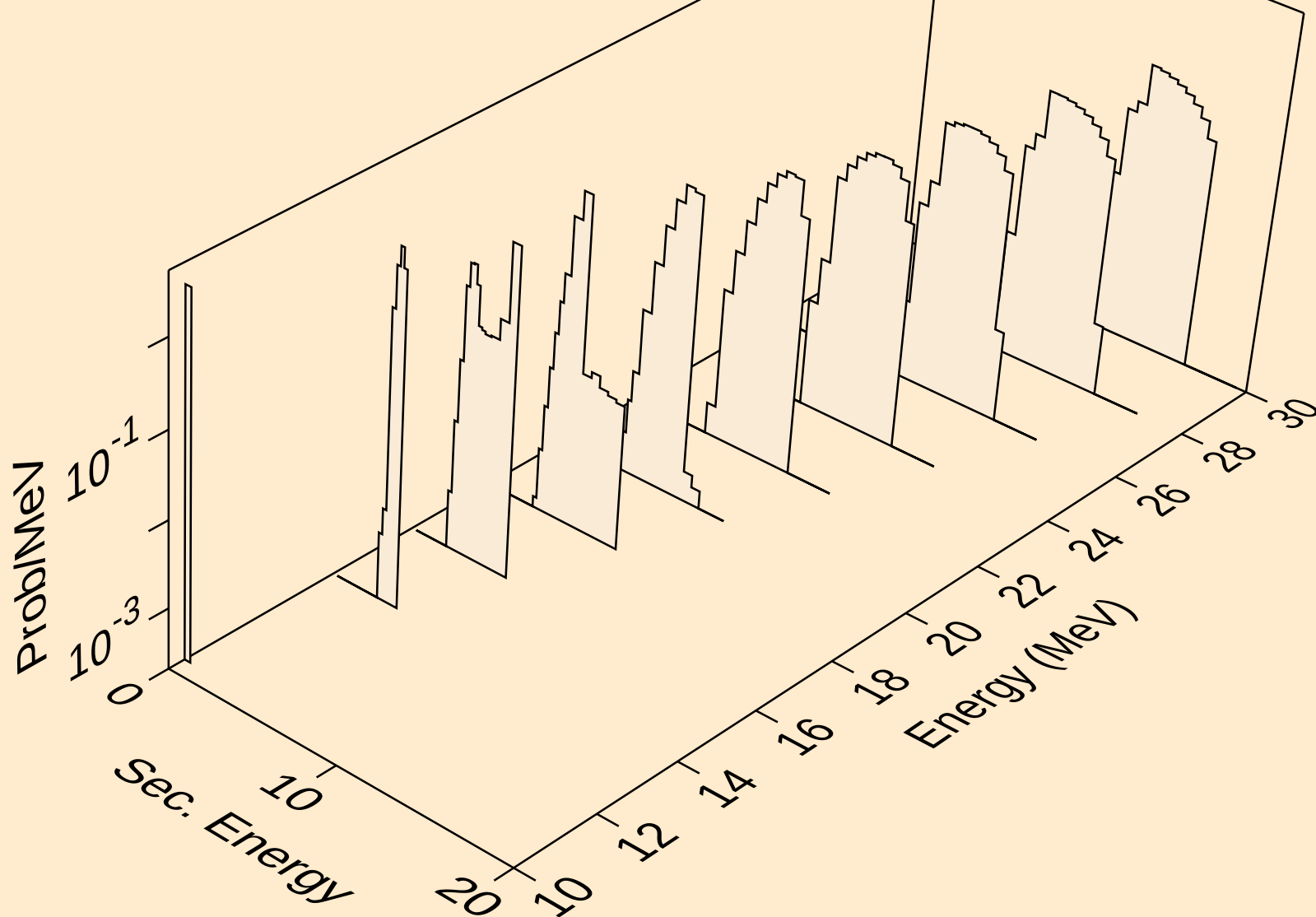
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



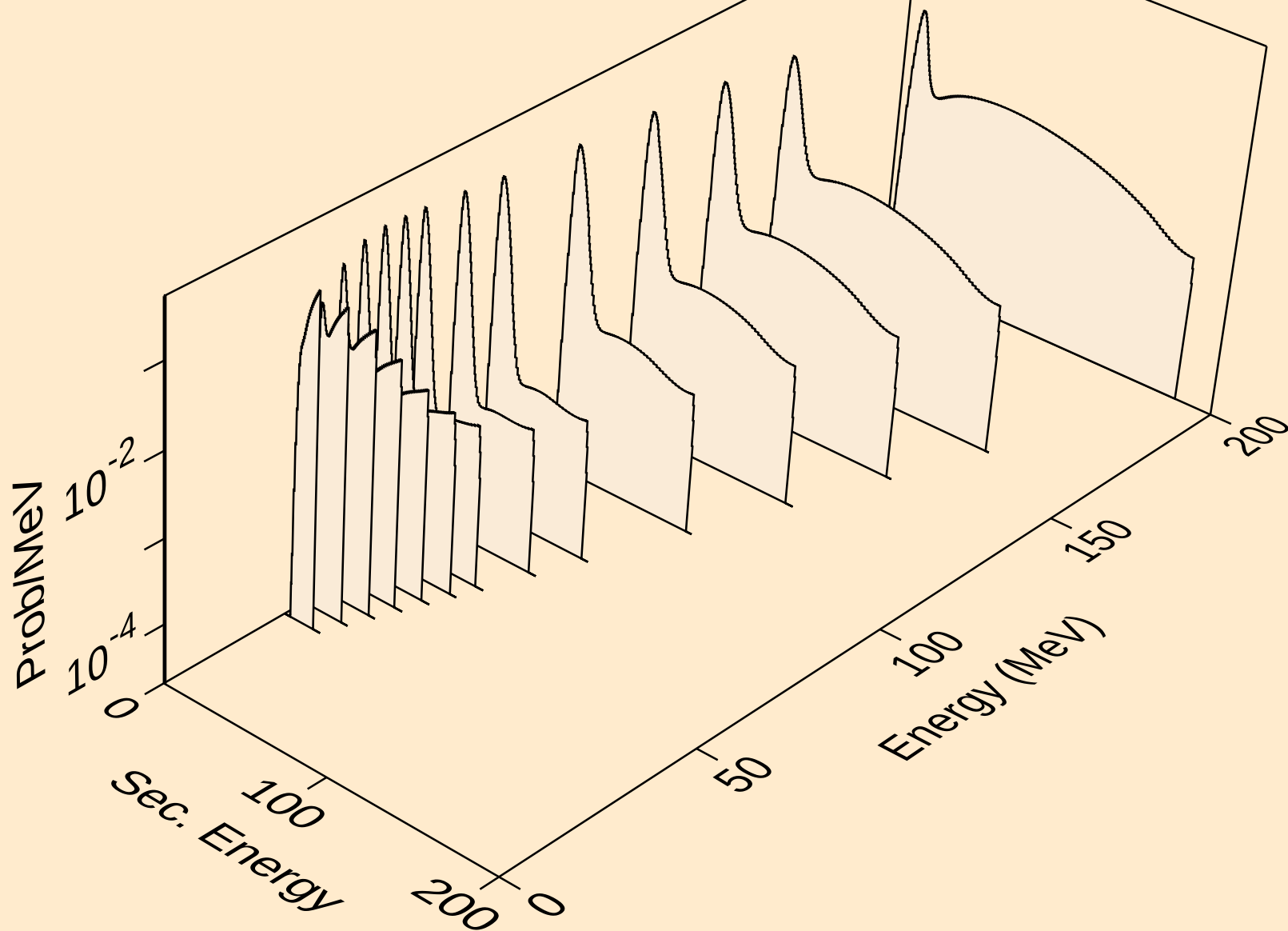
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



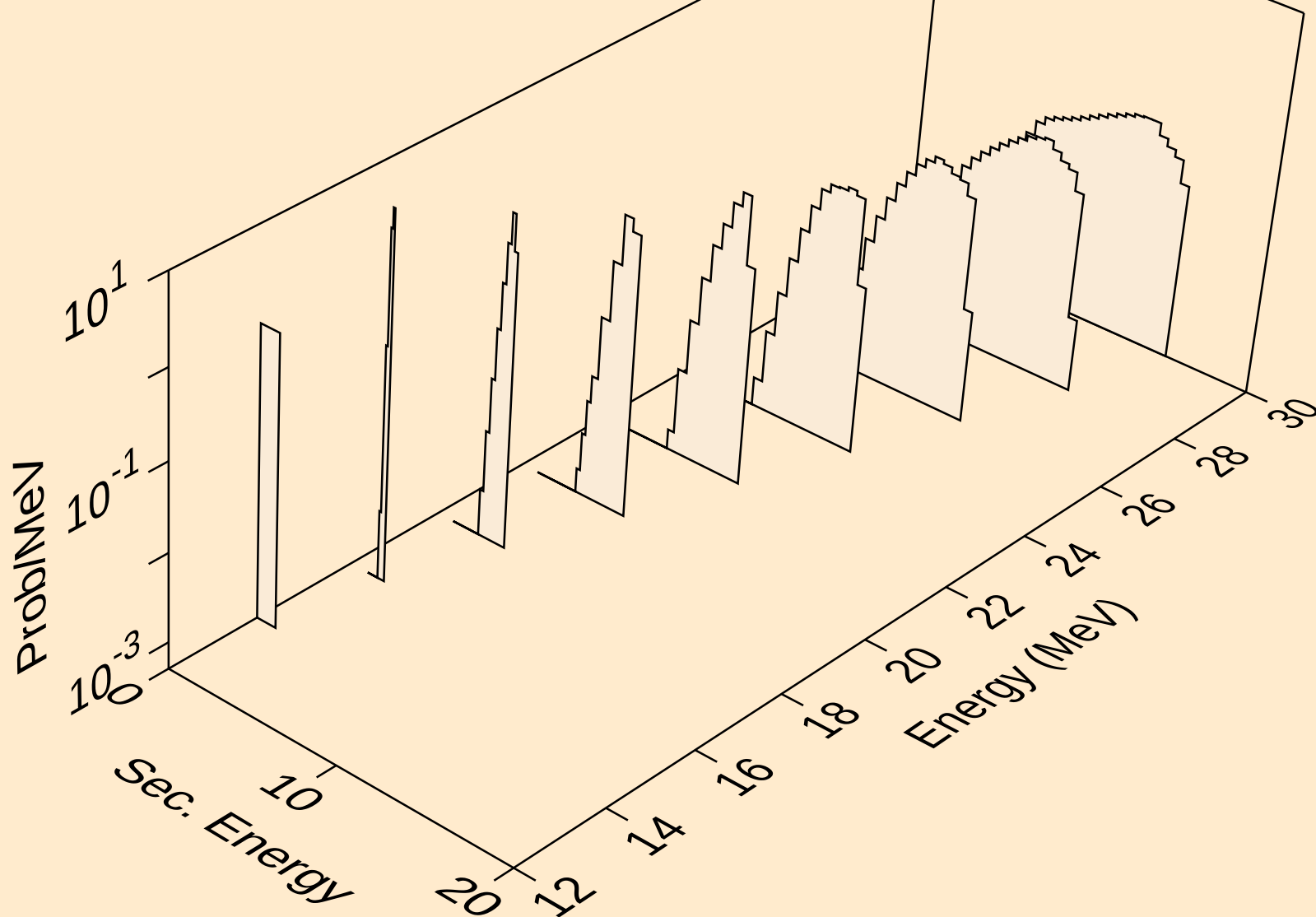
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



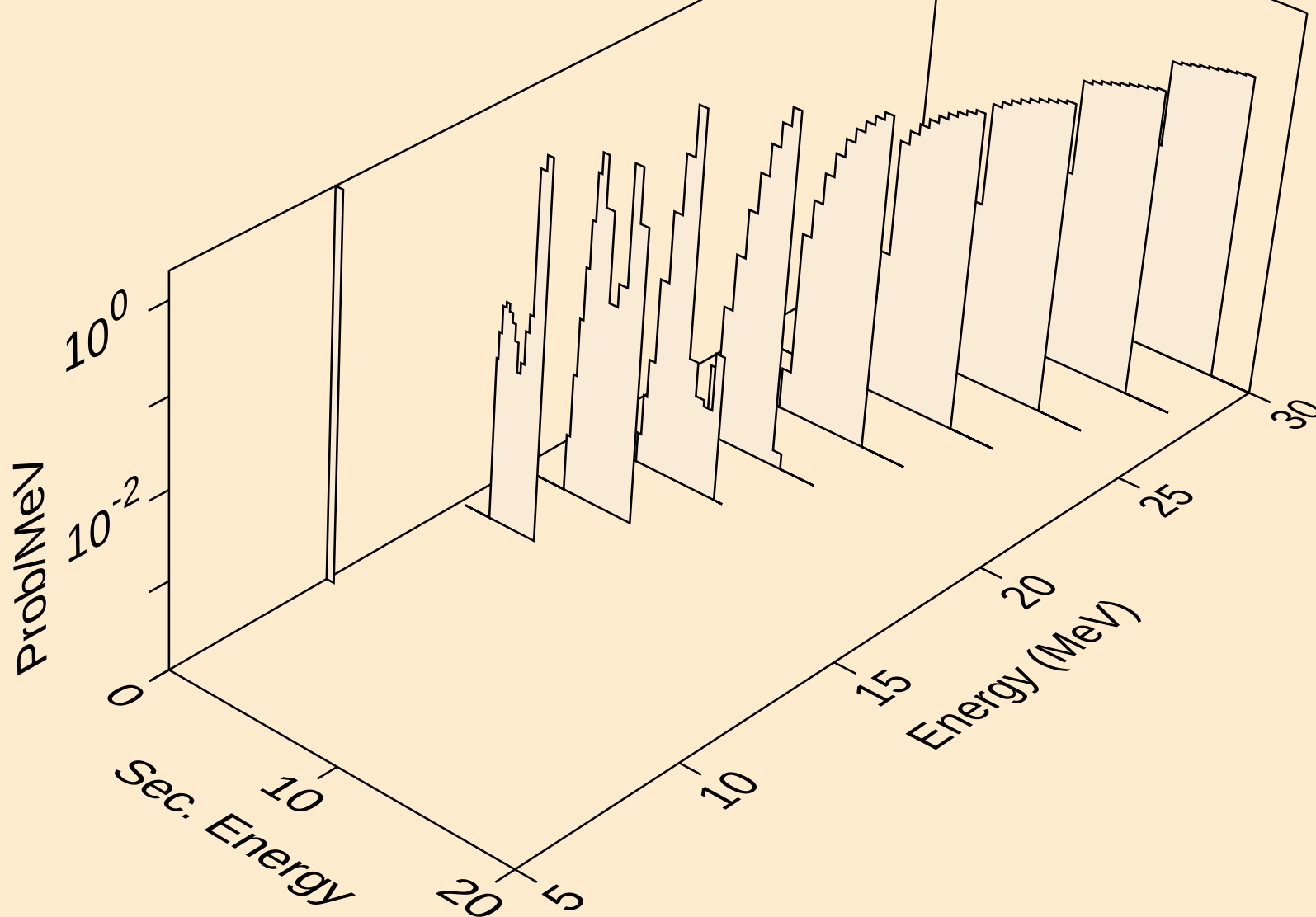
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



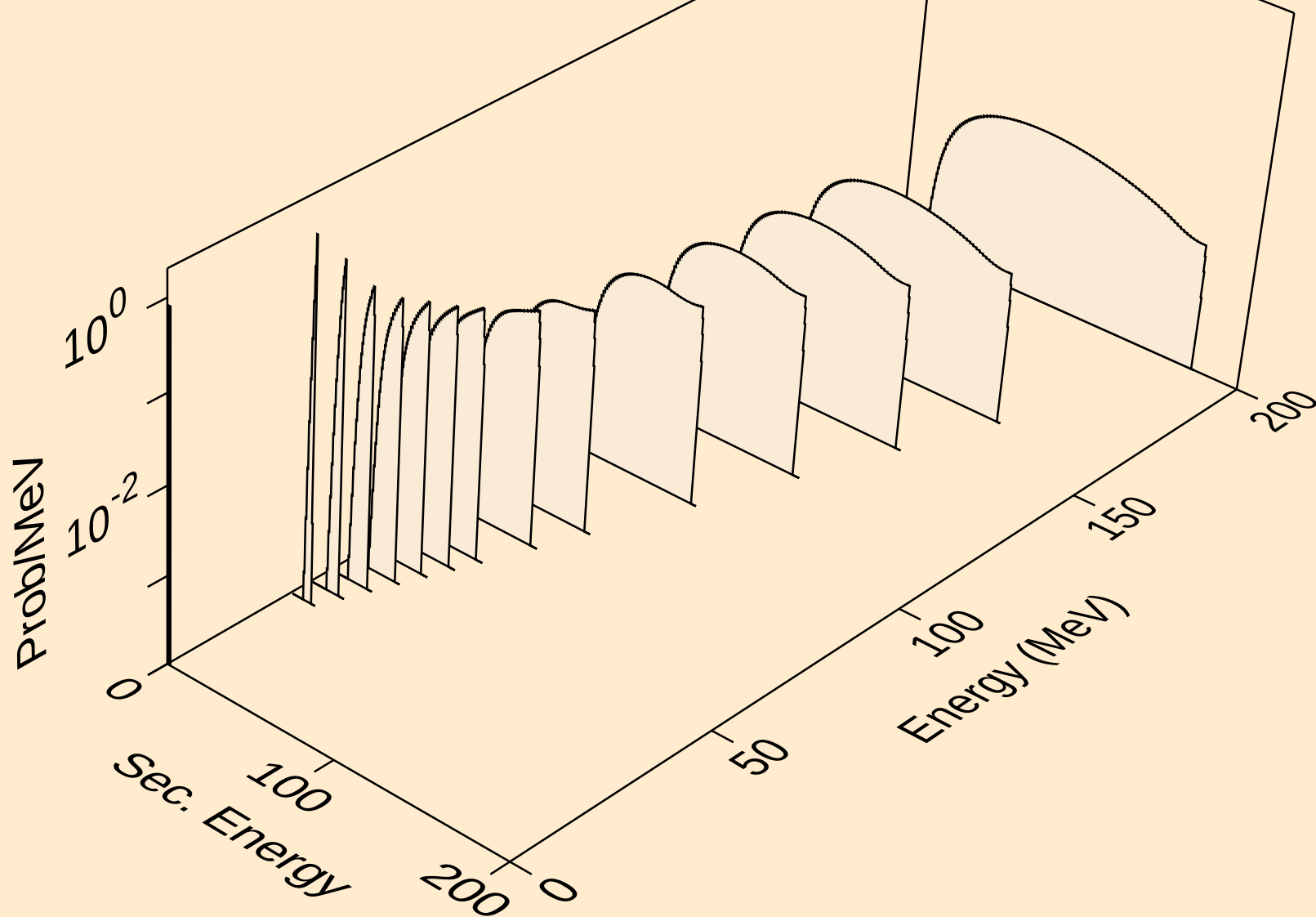
I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



I136M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

