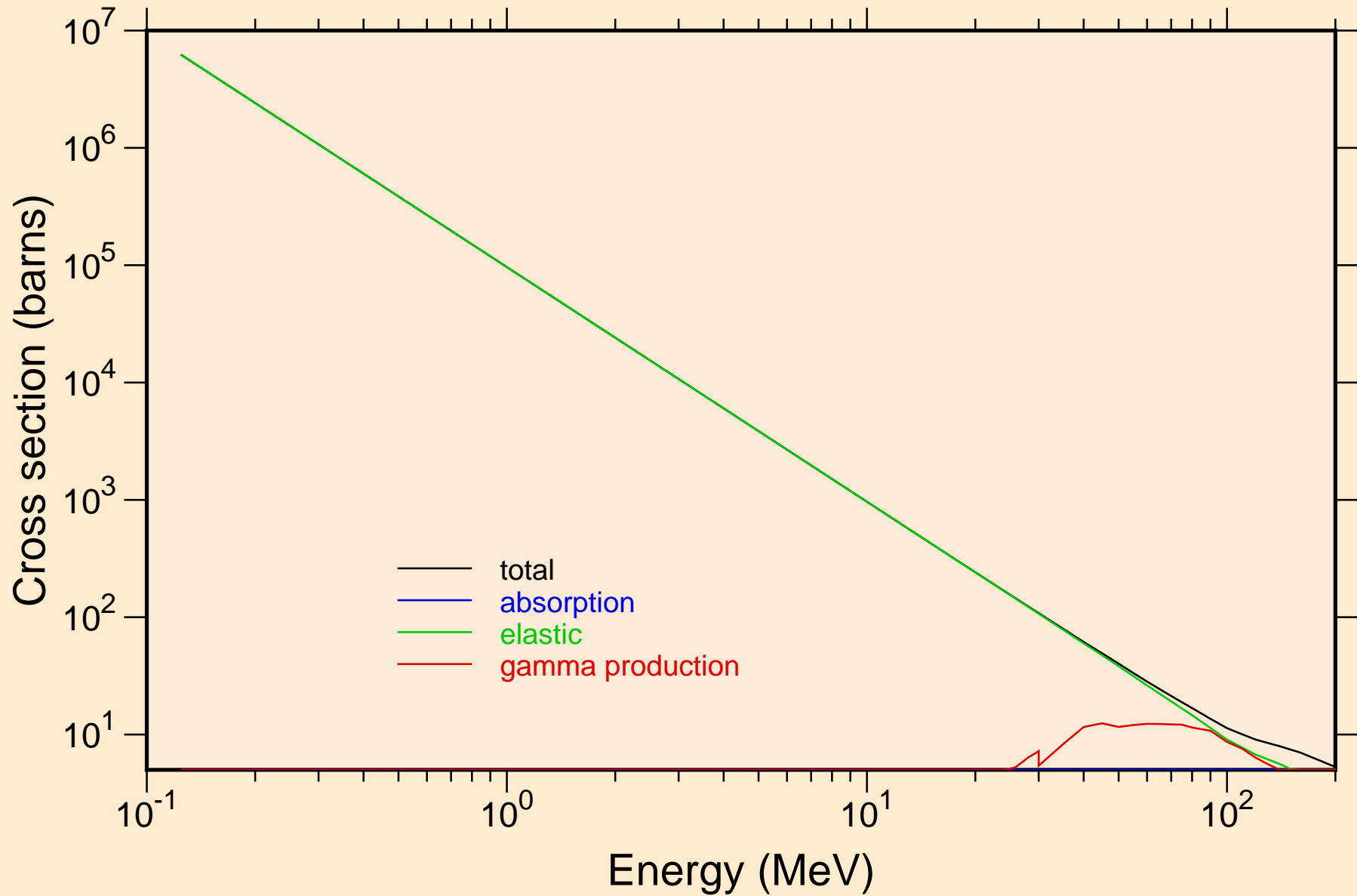
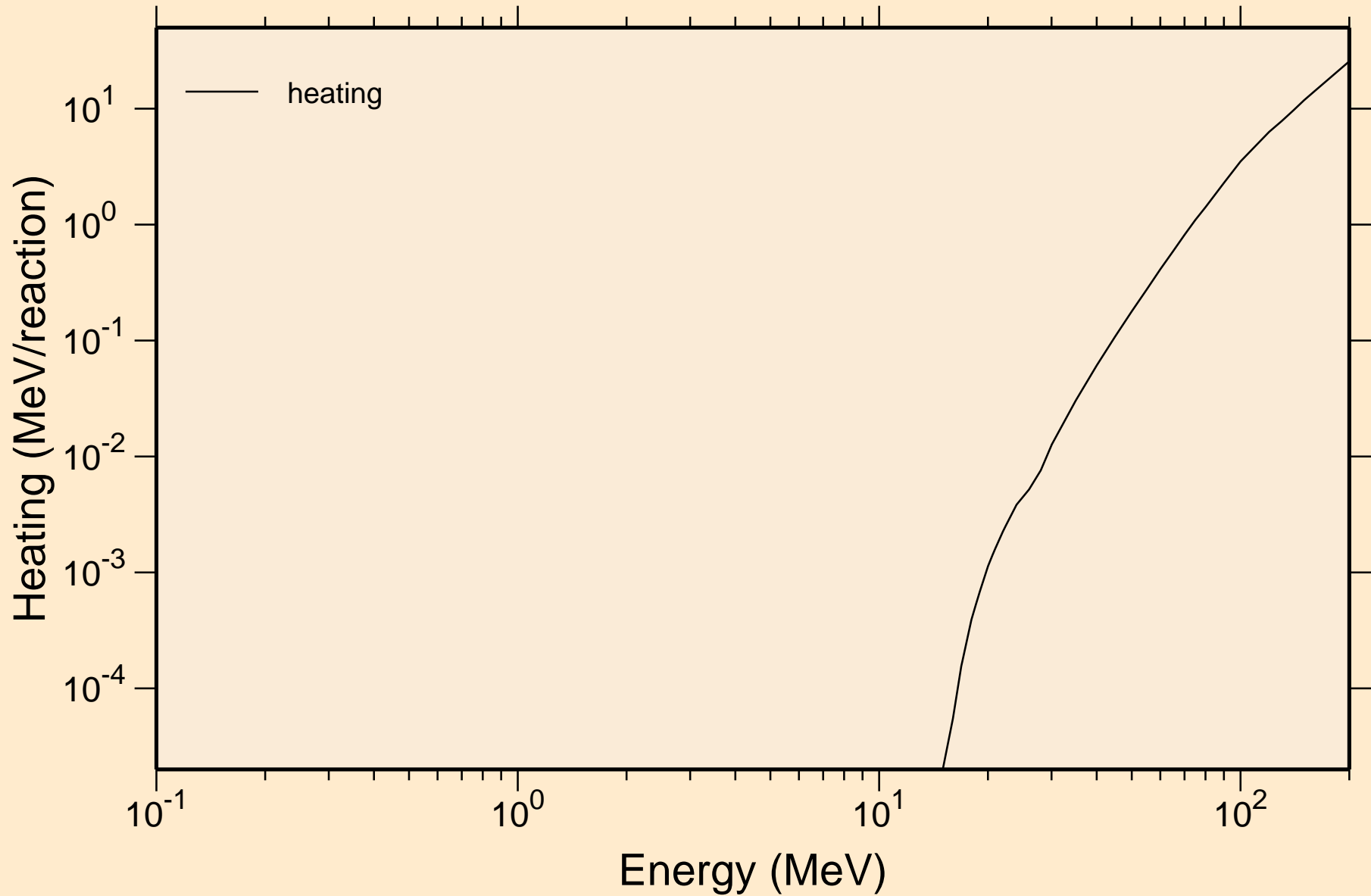


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



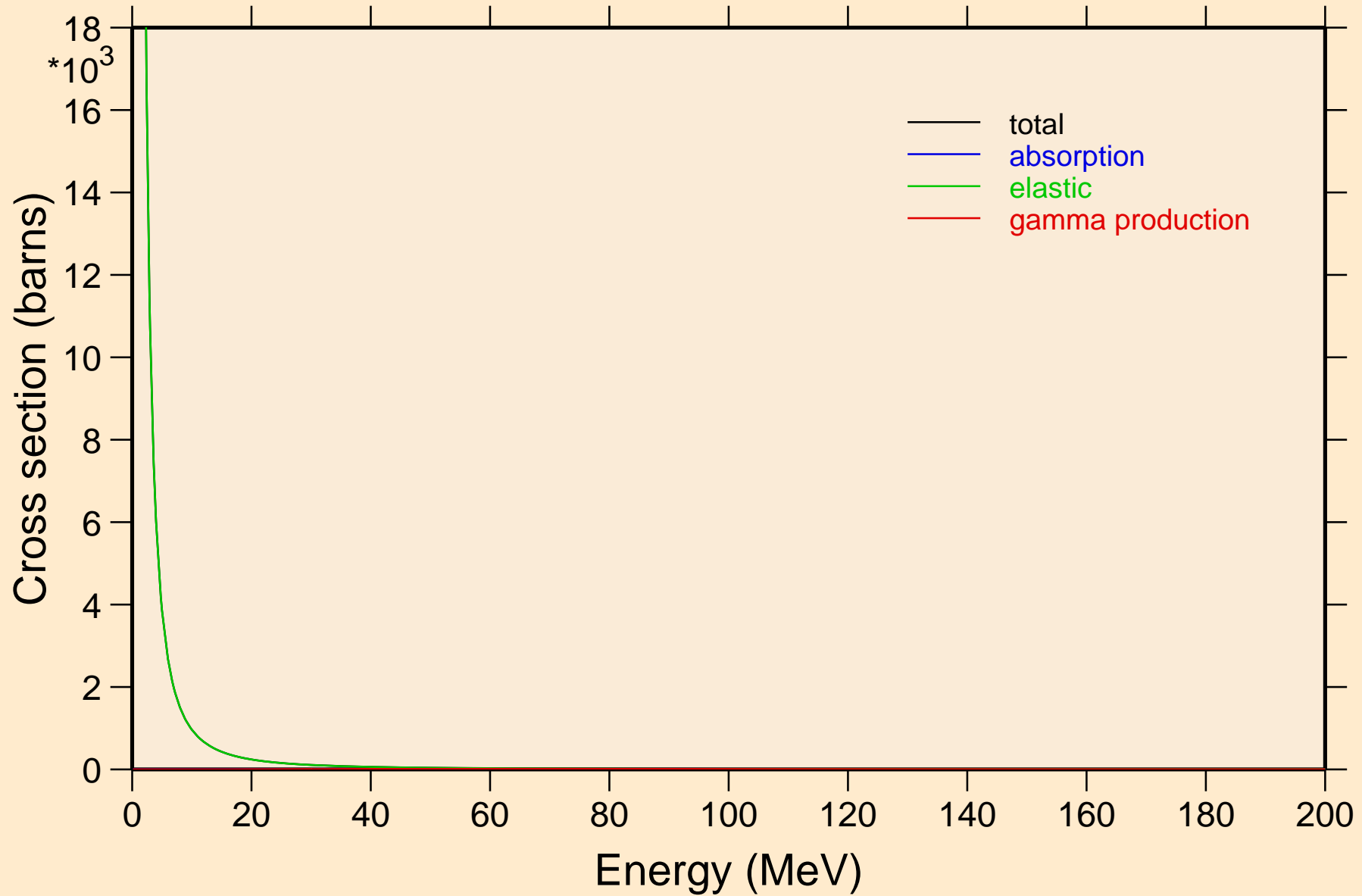
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



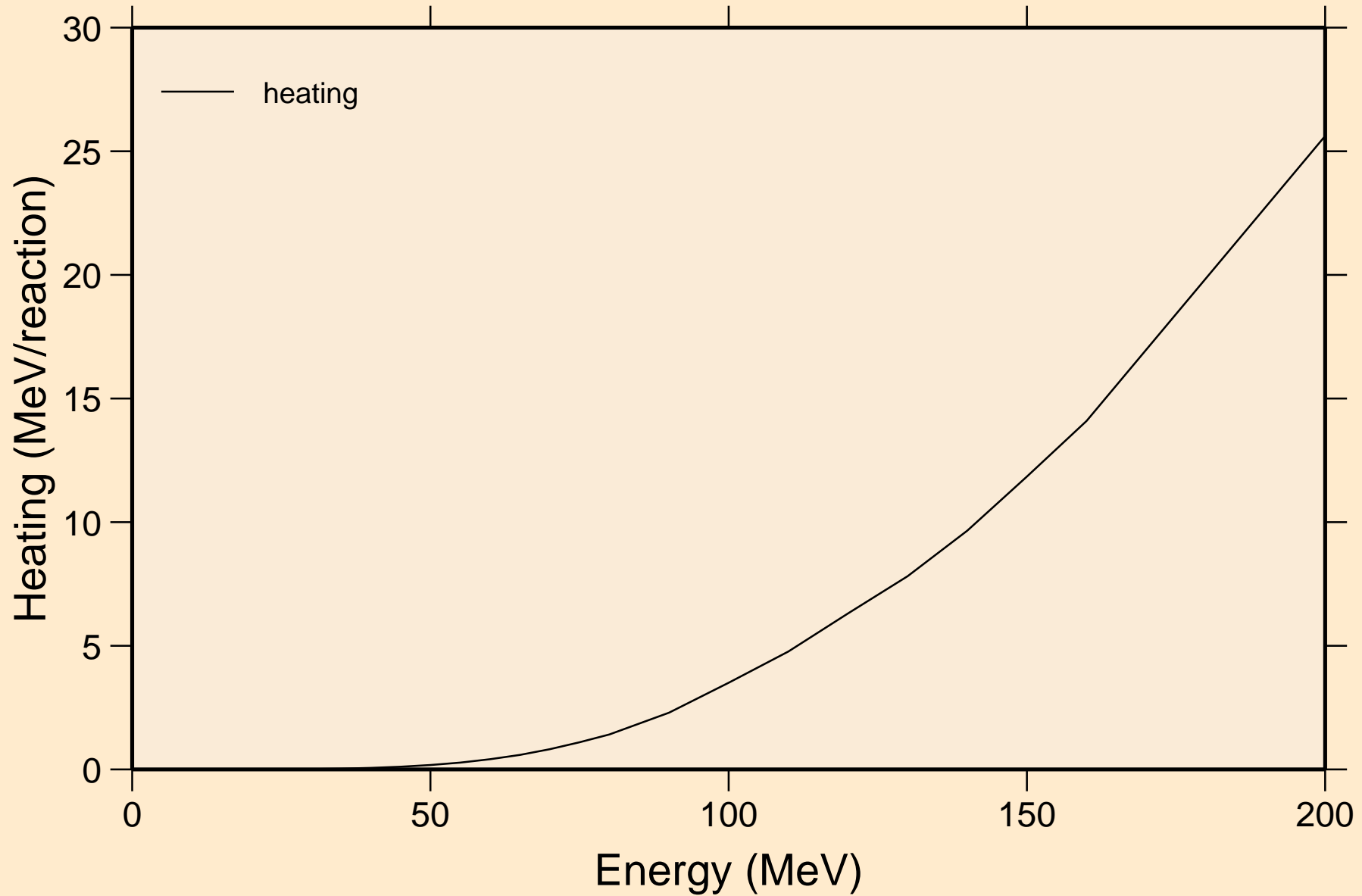
# PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

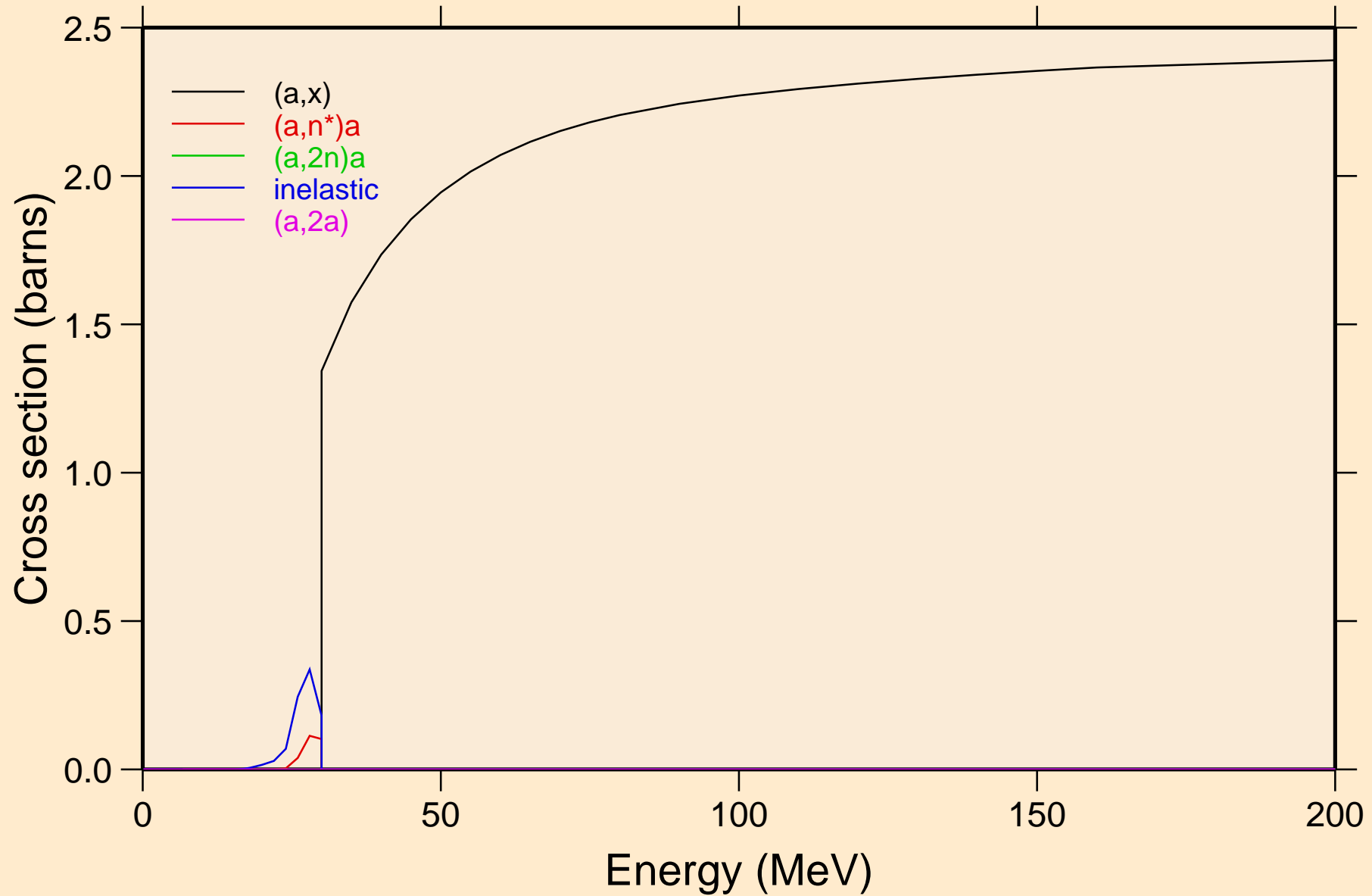


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

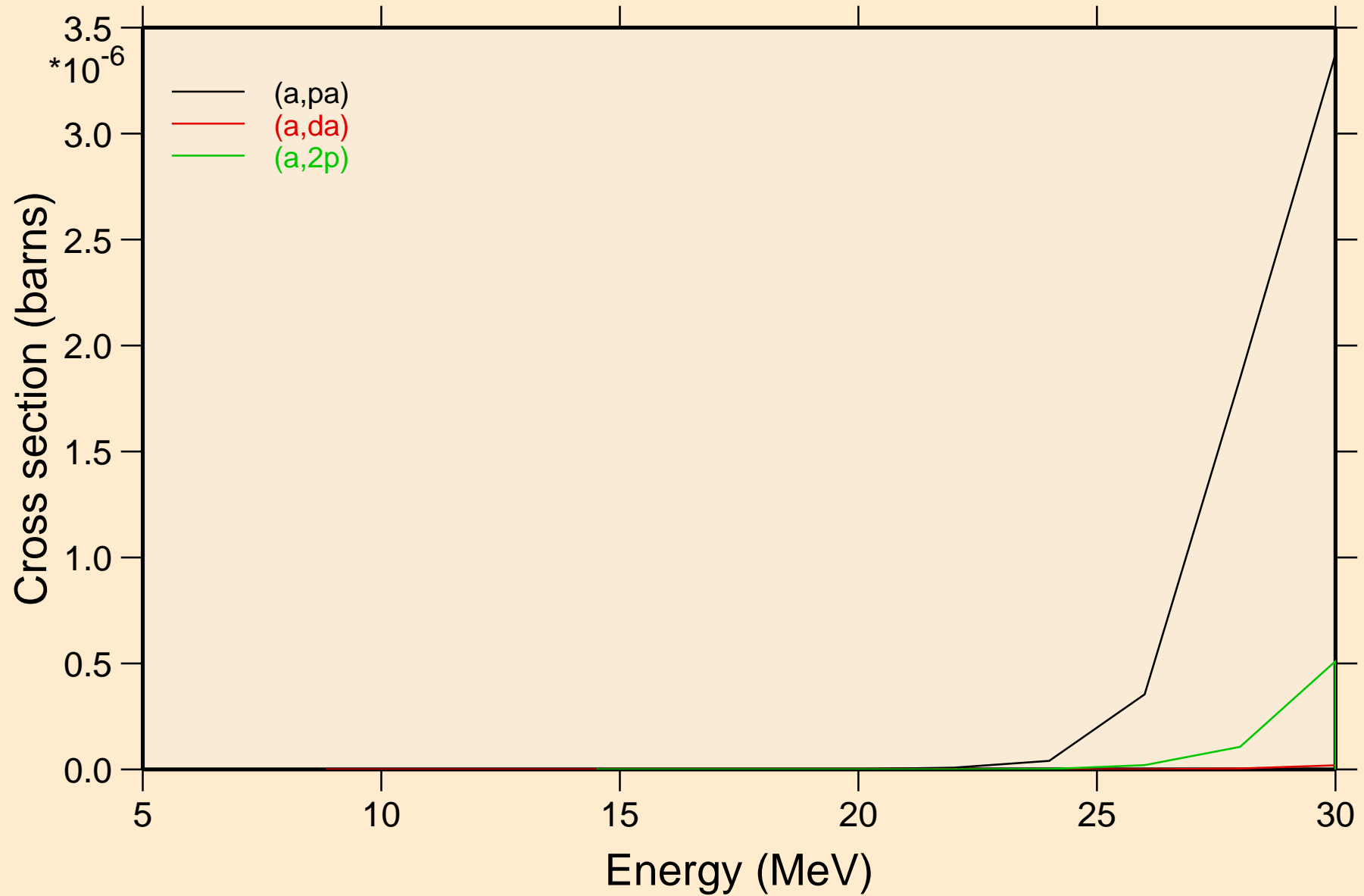
Heating



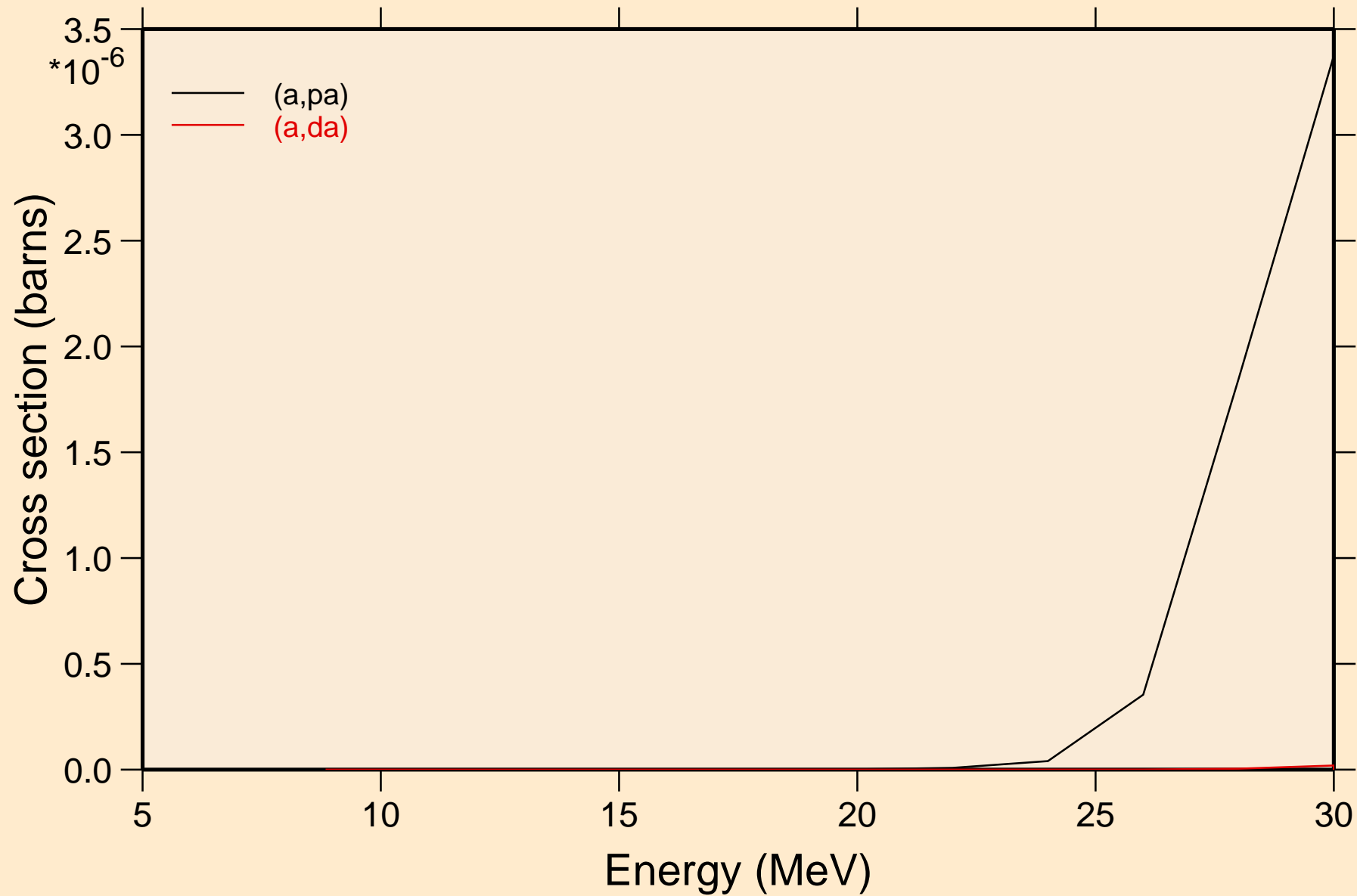
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



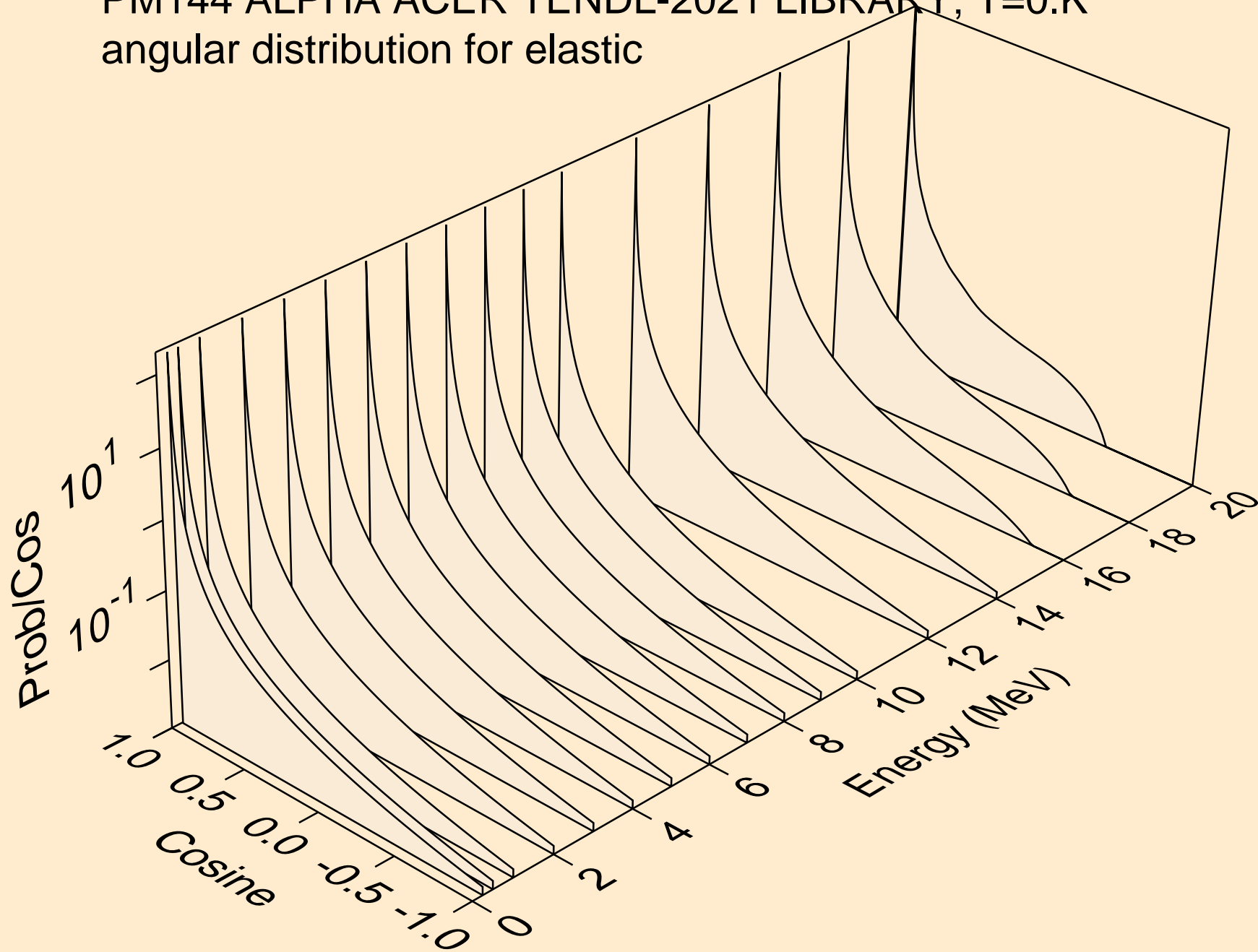
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

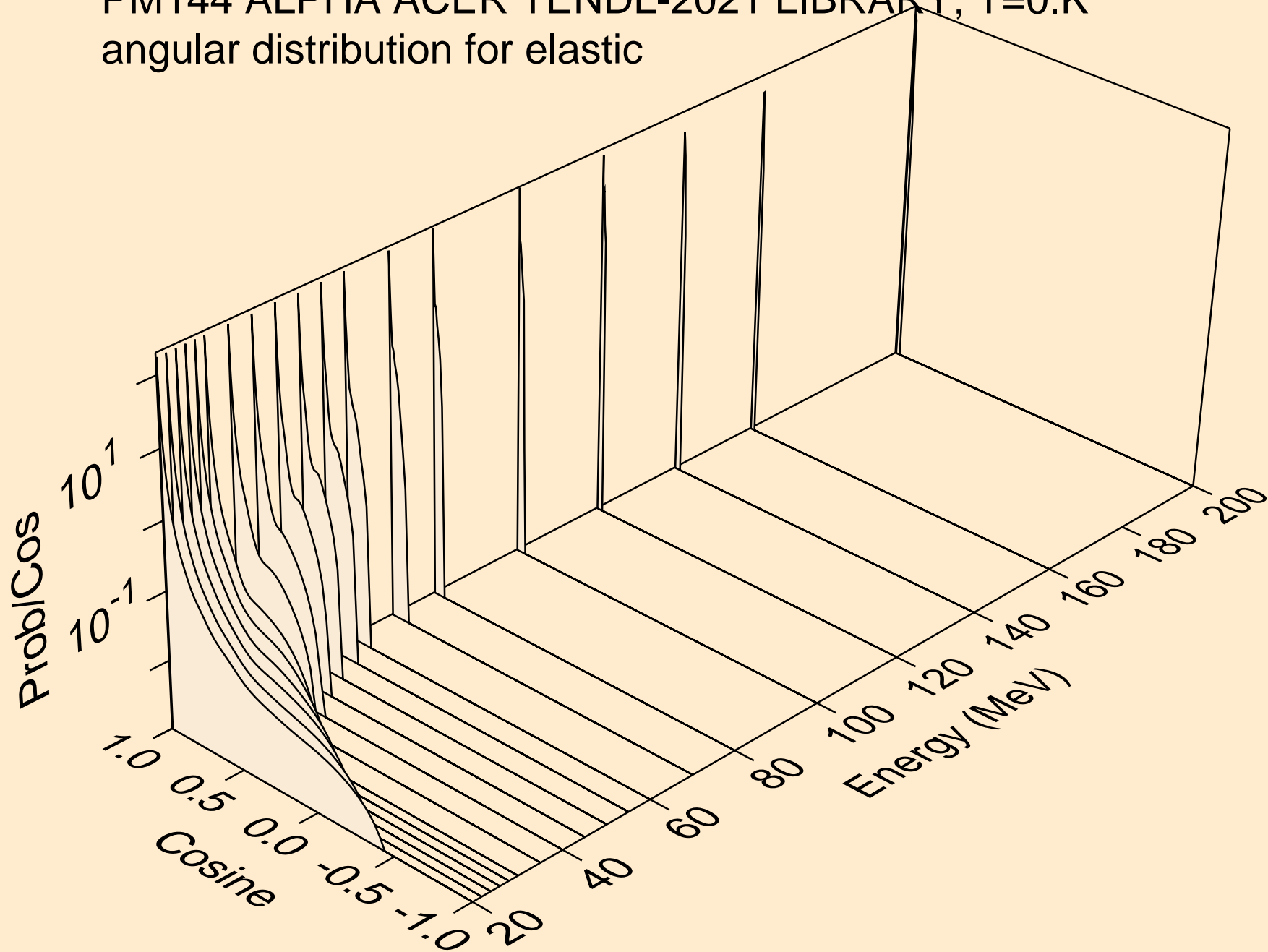


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

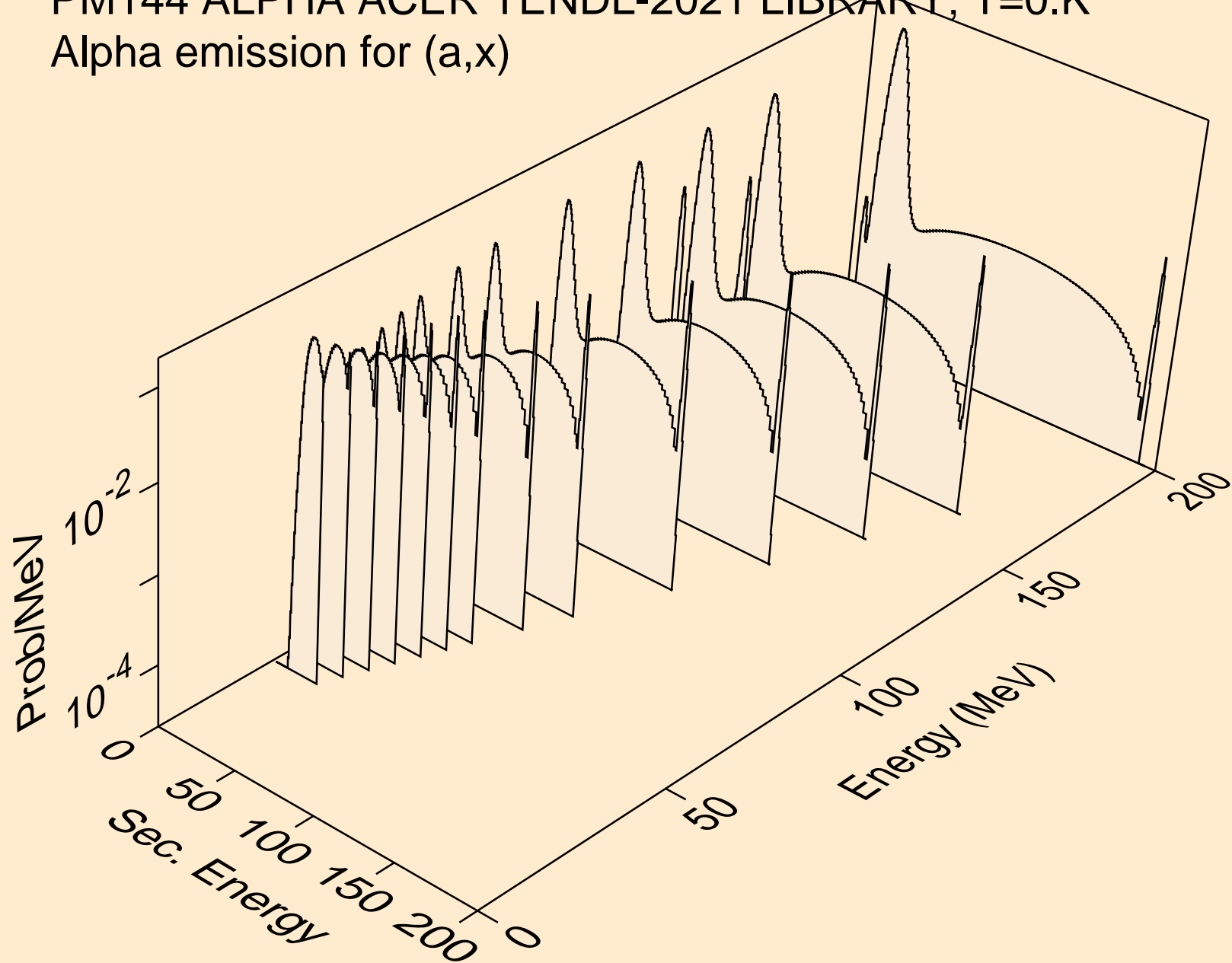




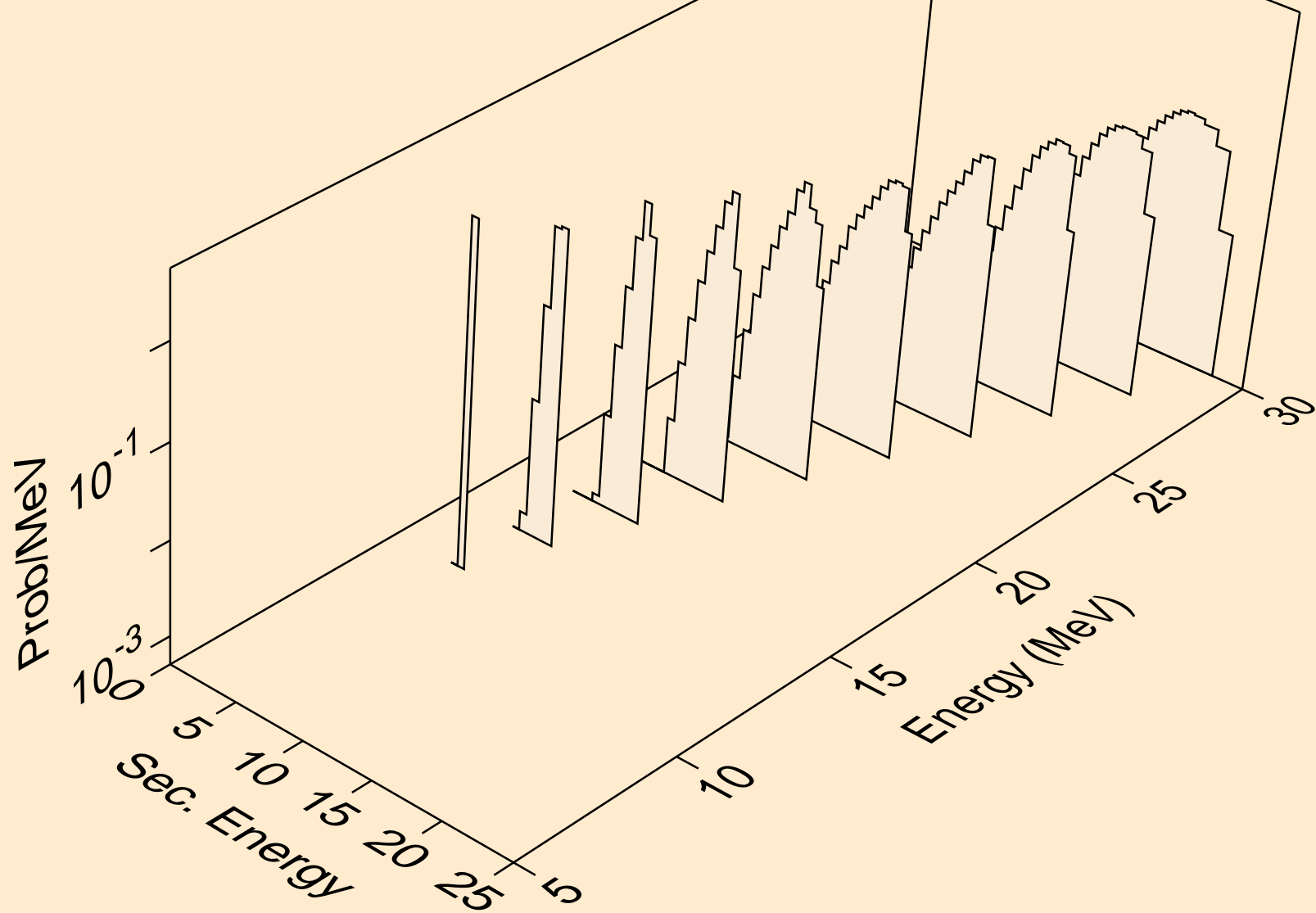
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



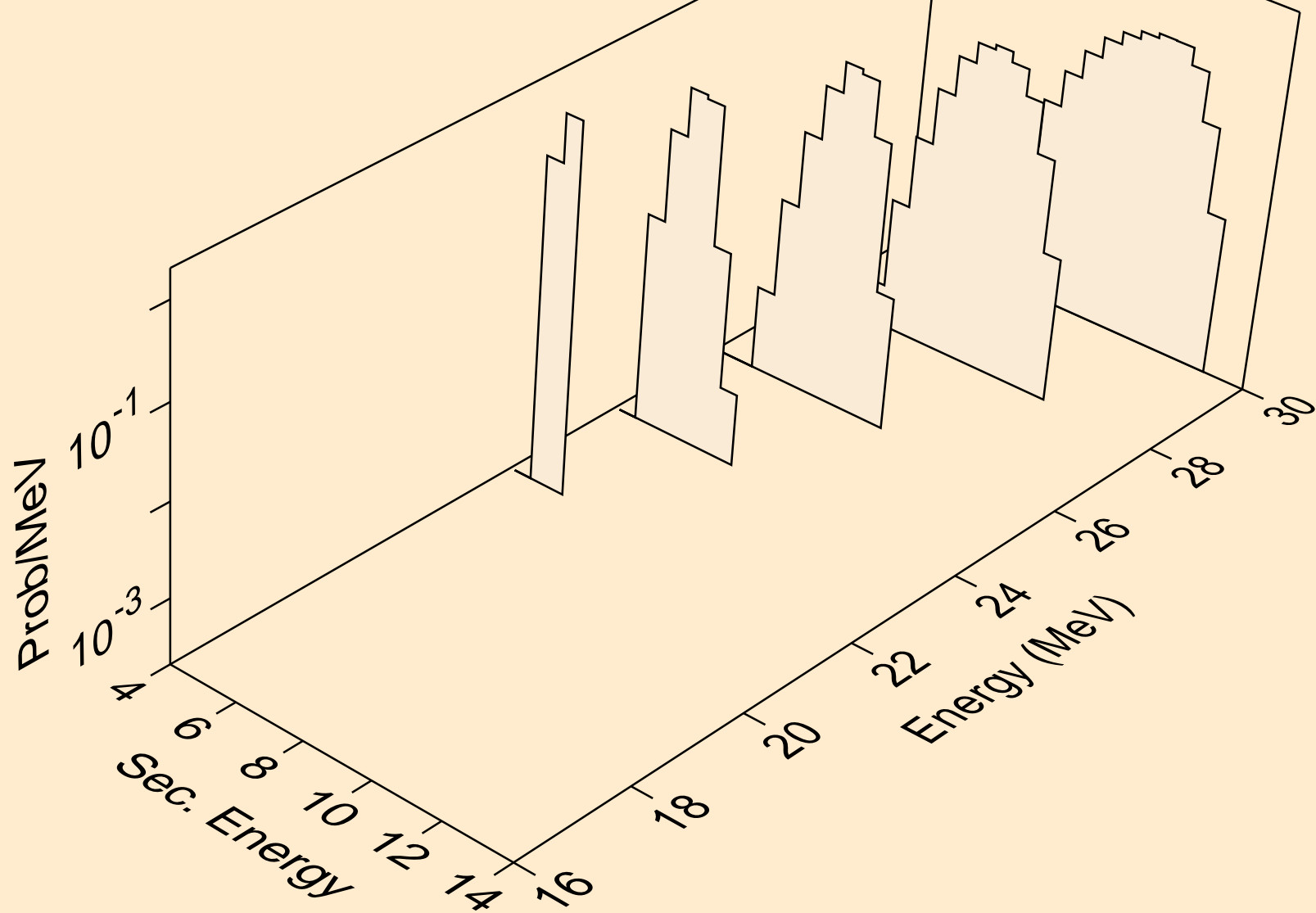
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



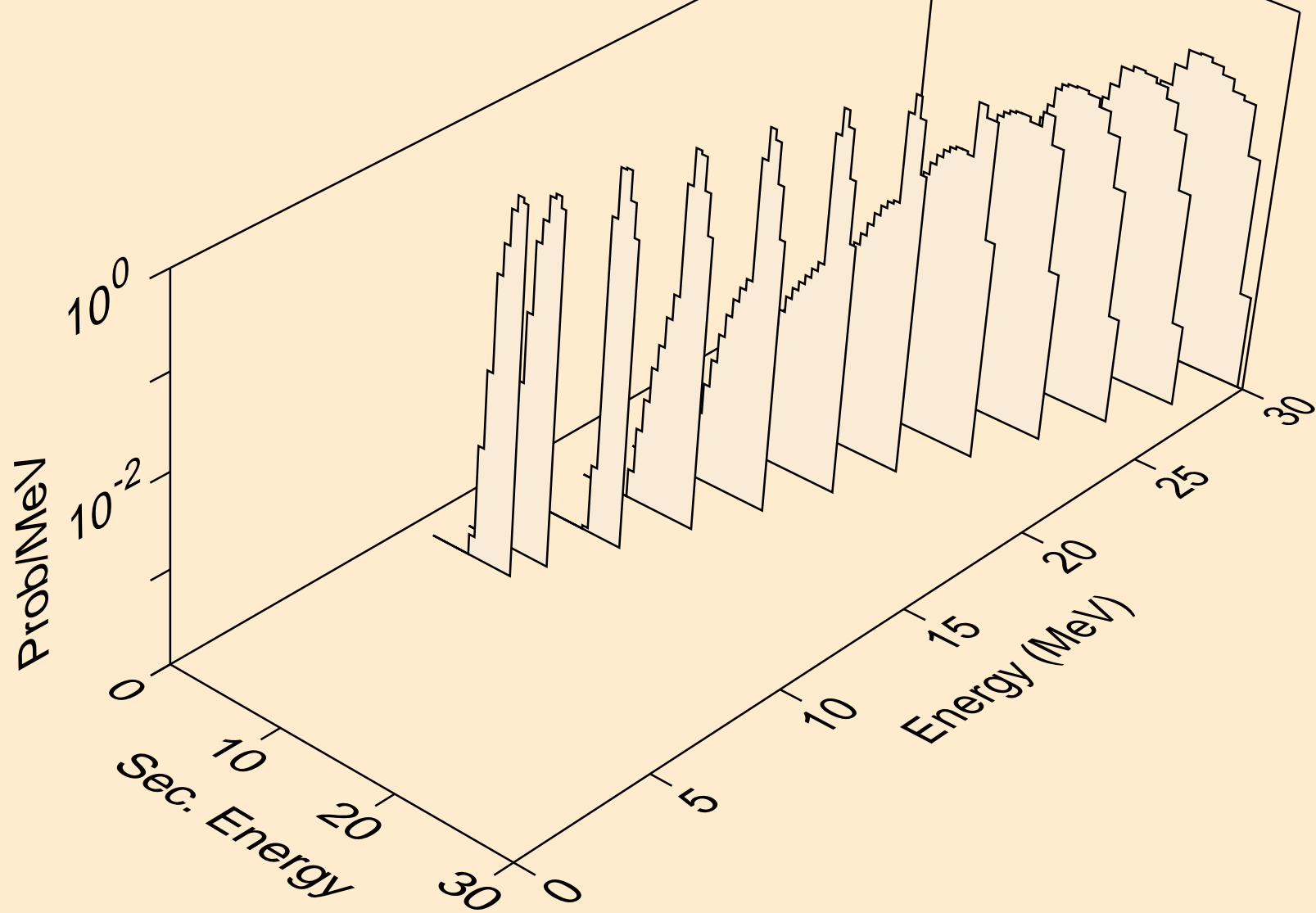
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



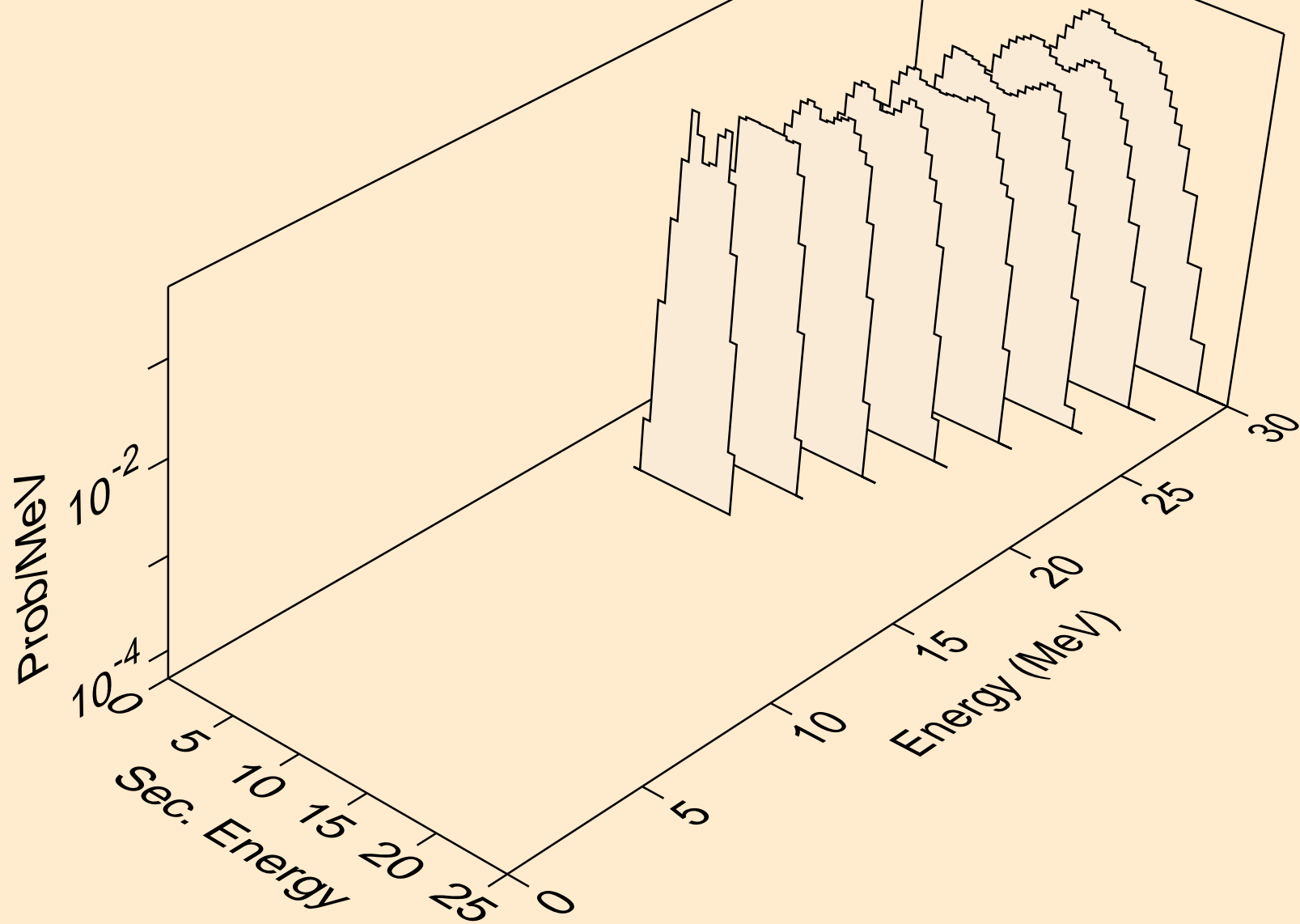
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



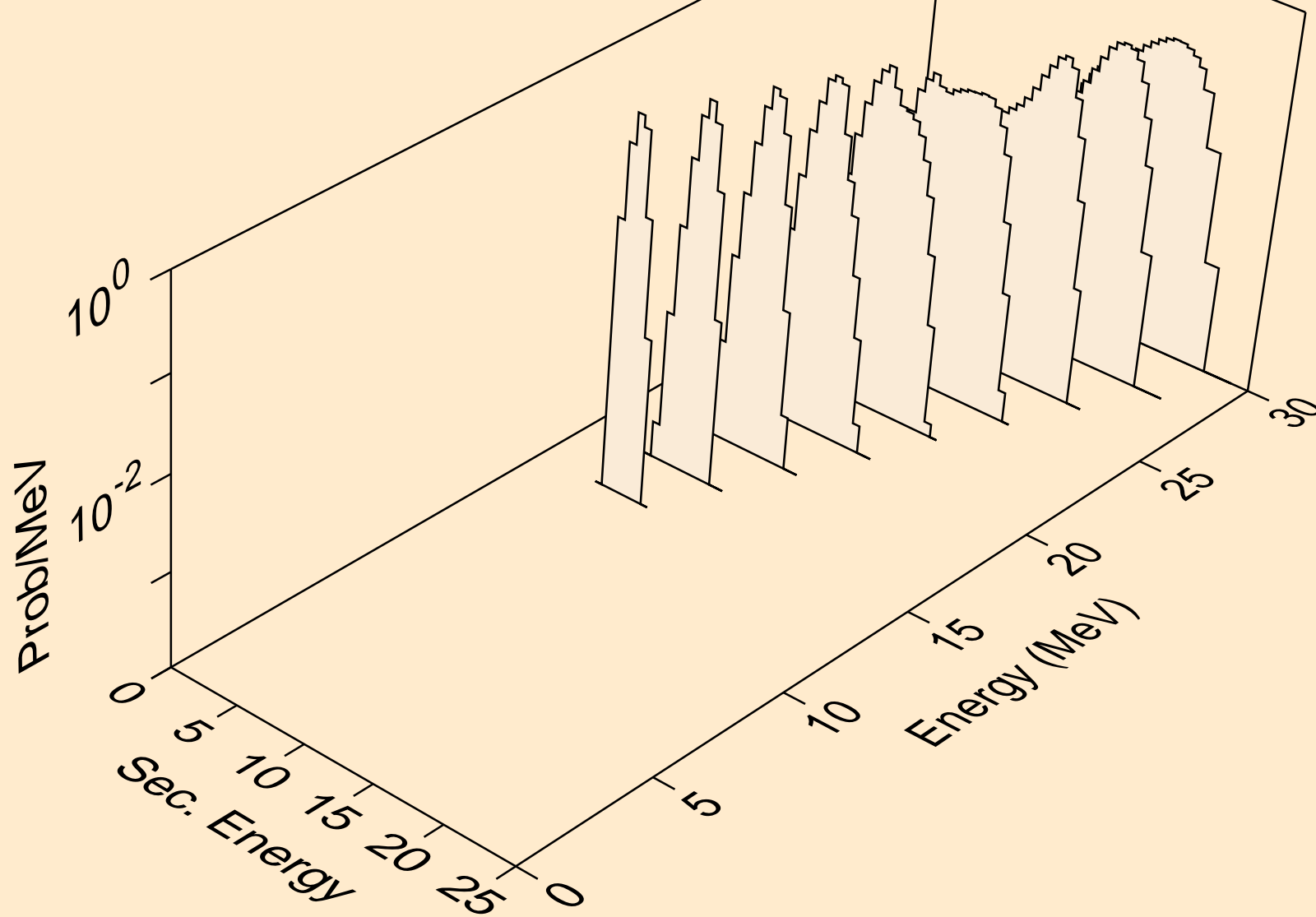
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



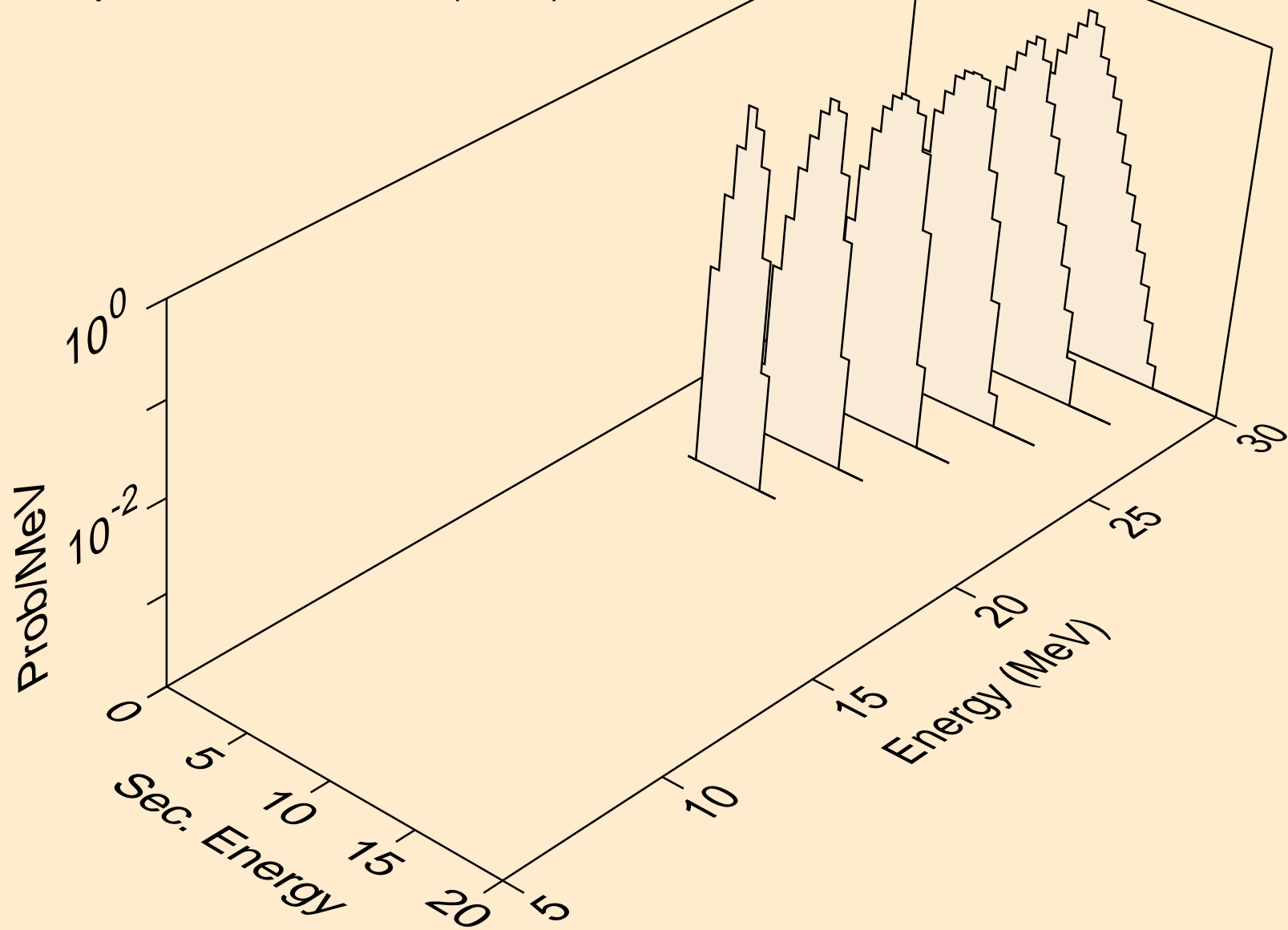
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

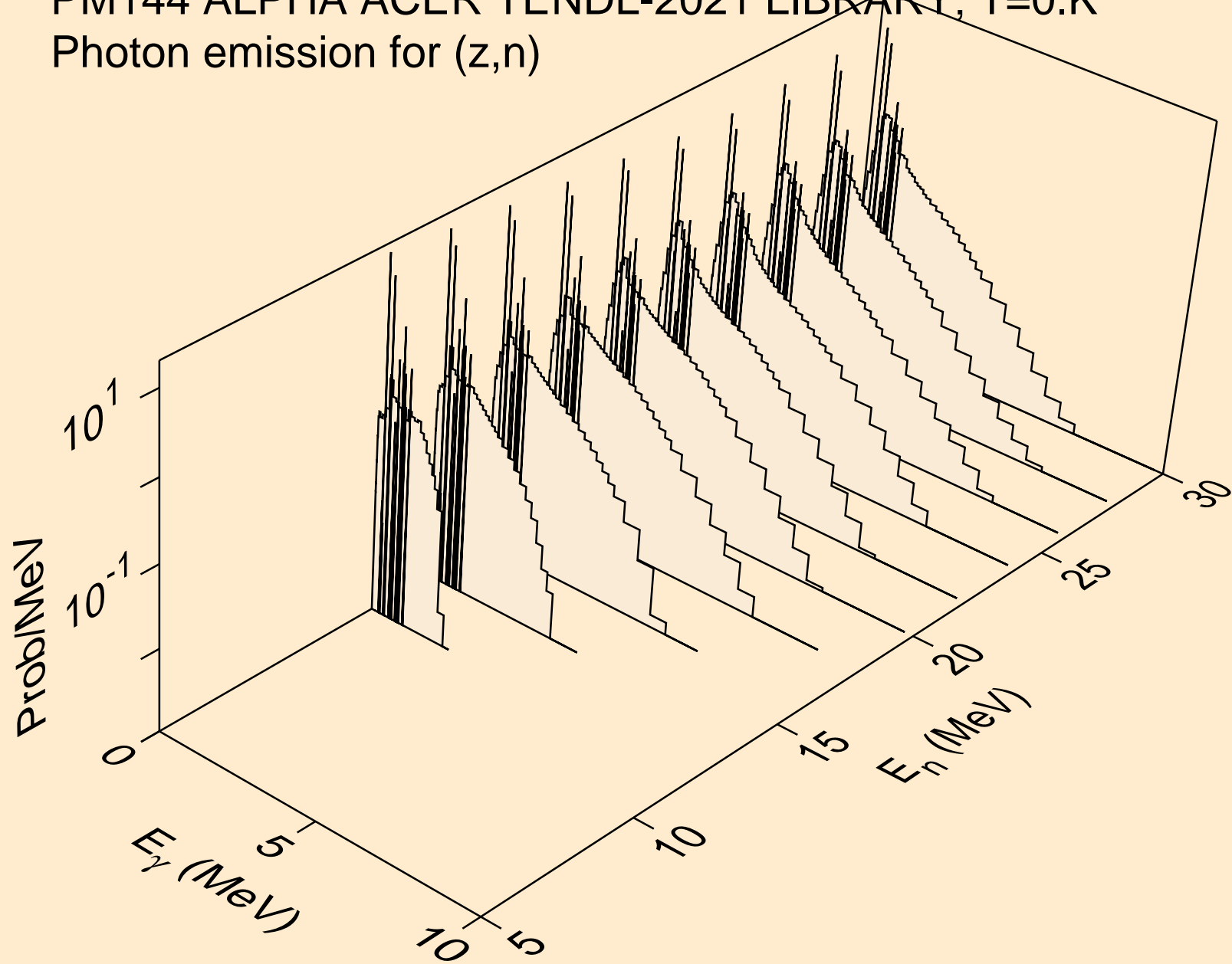


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

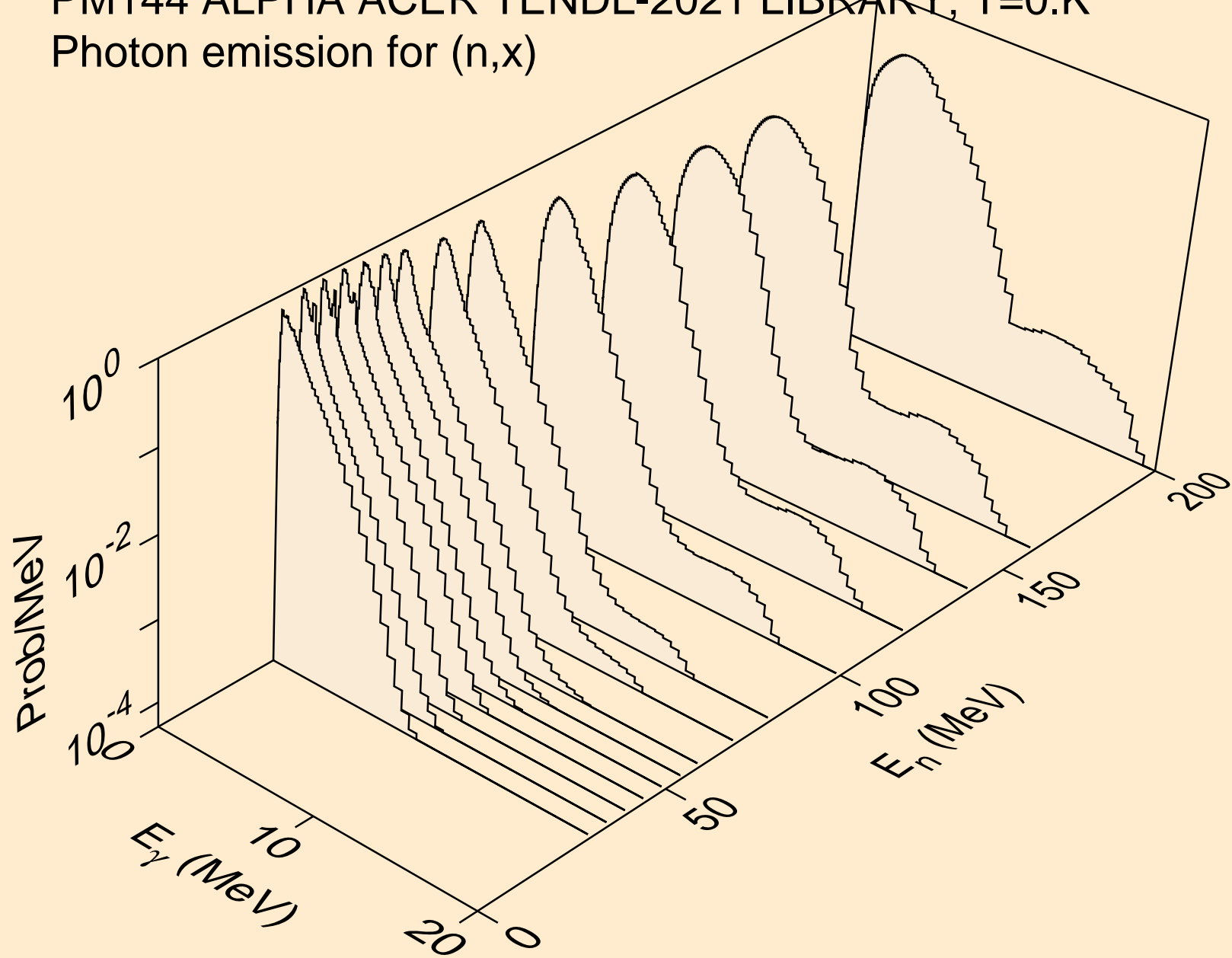




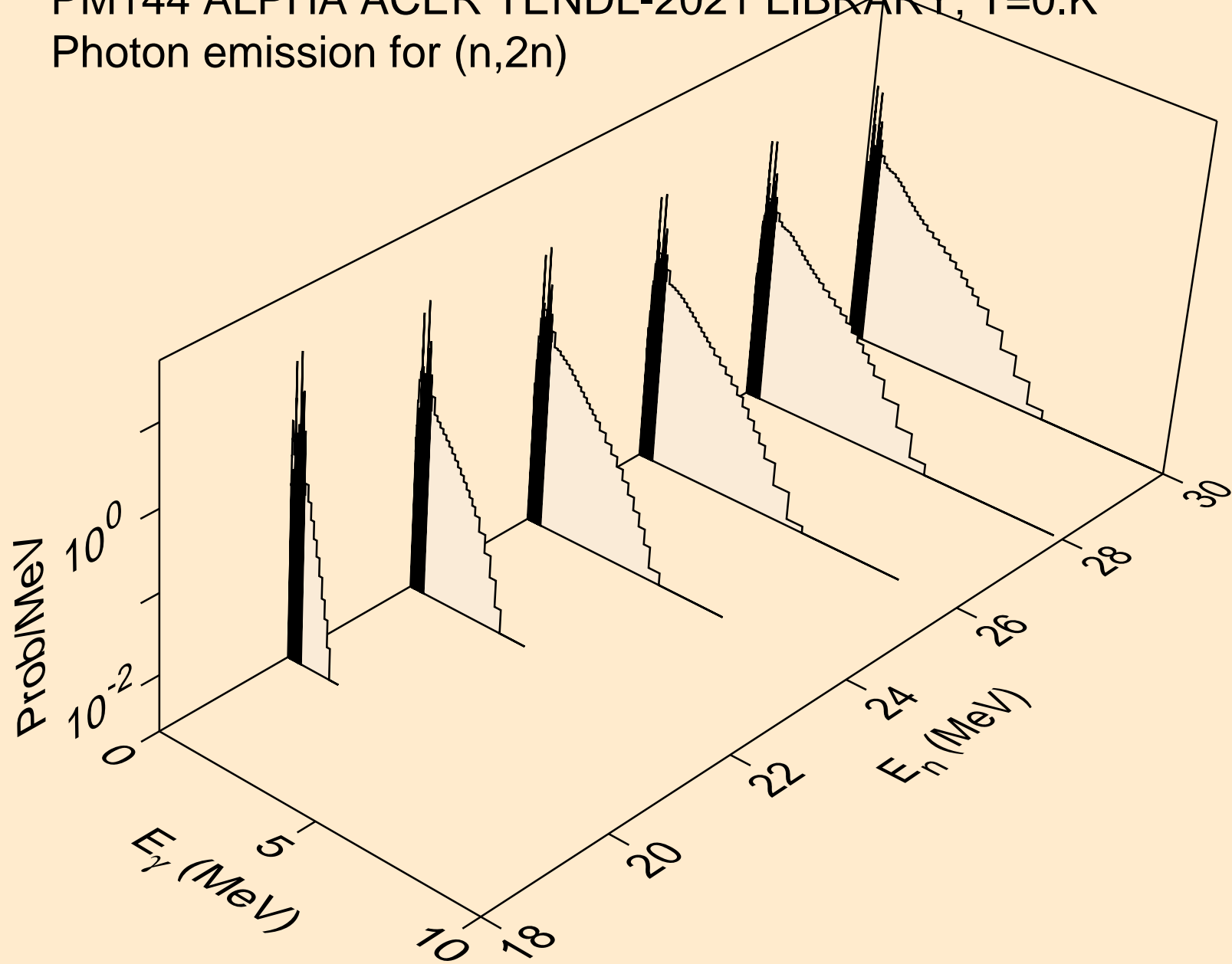
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



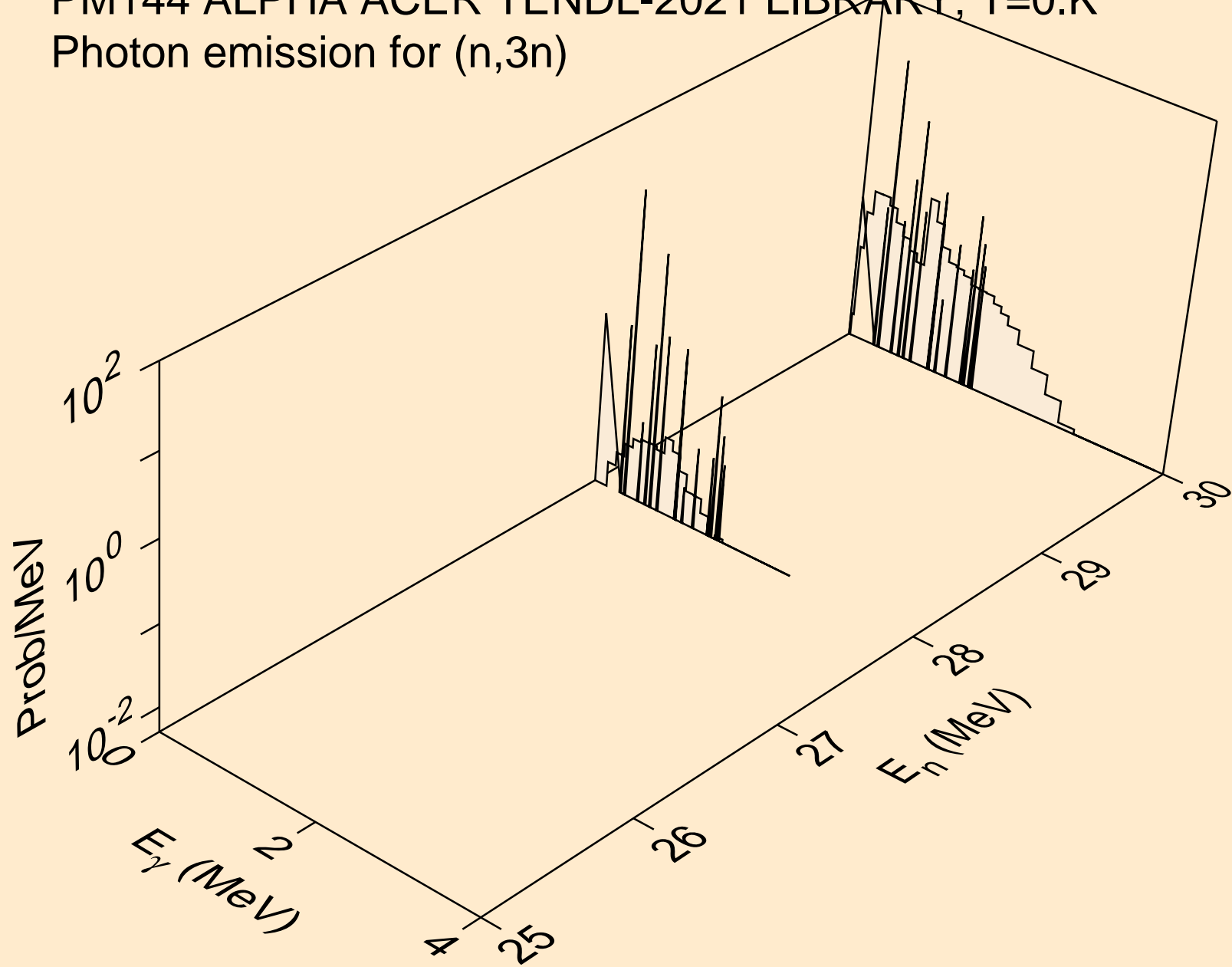
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



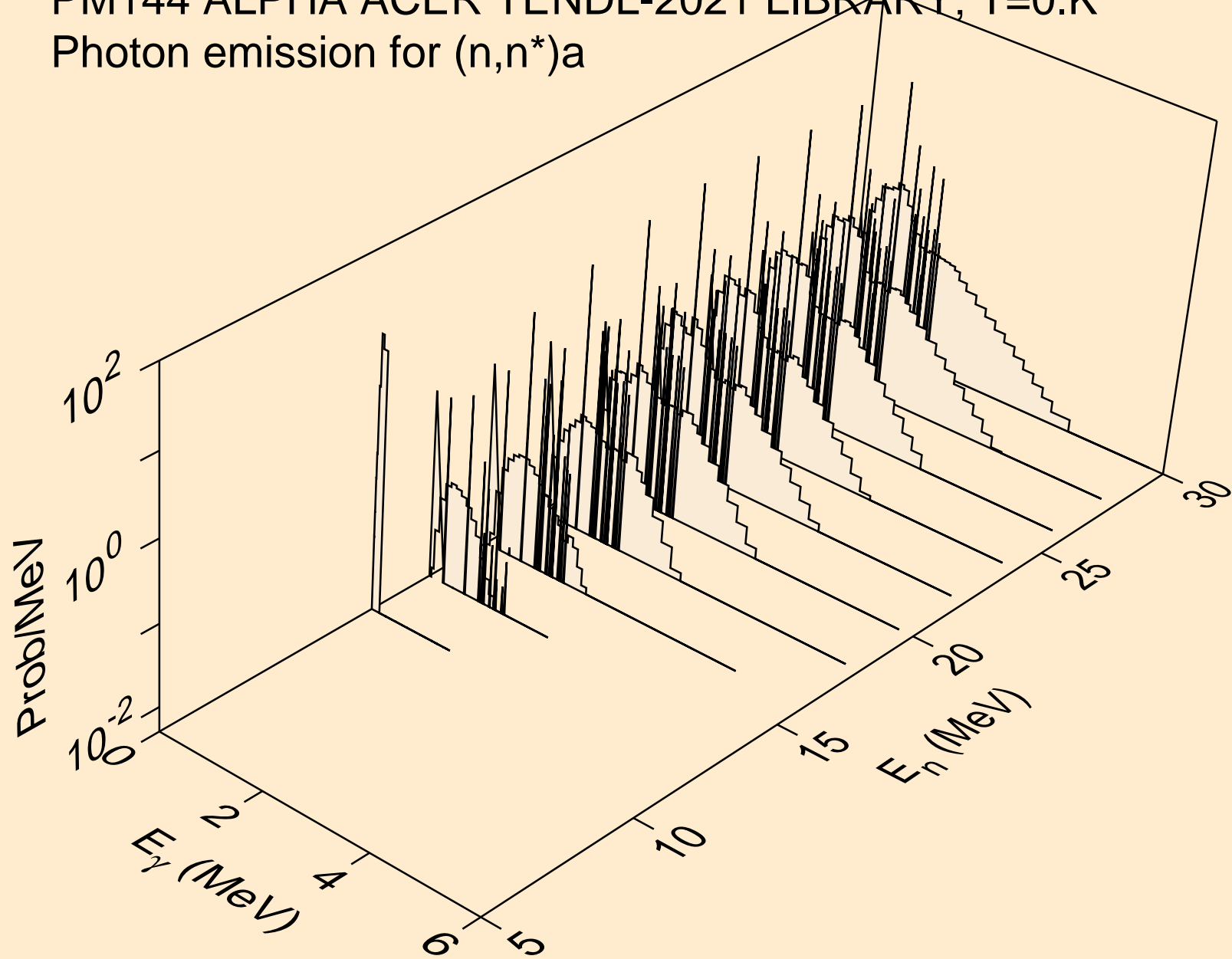
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



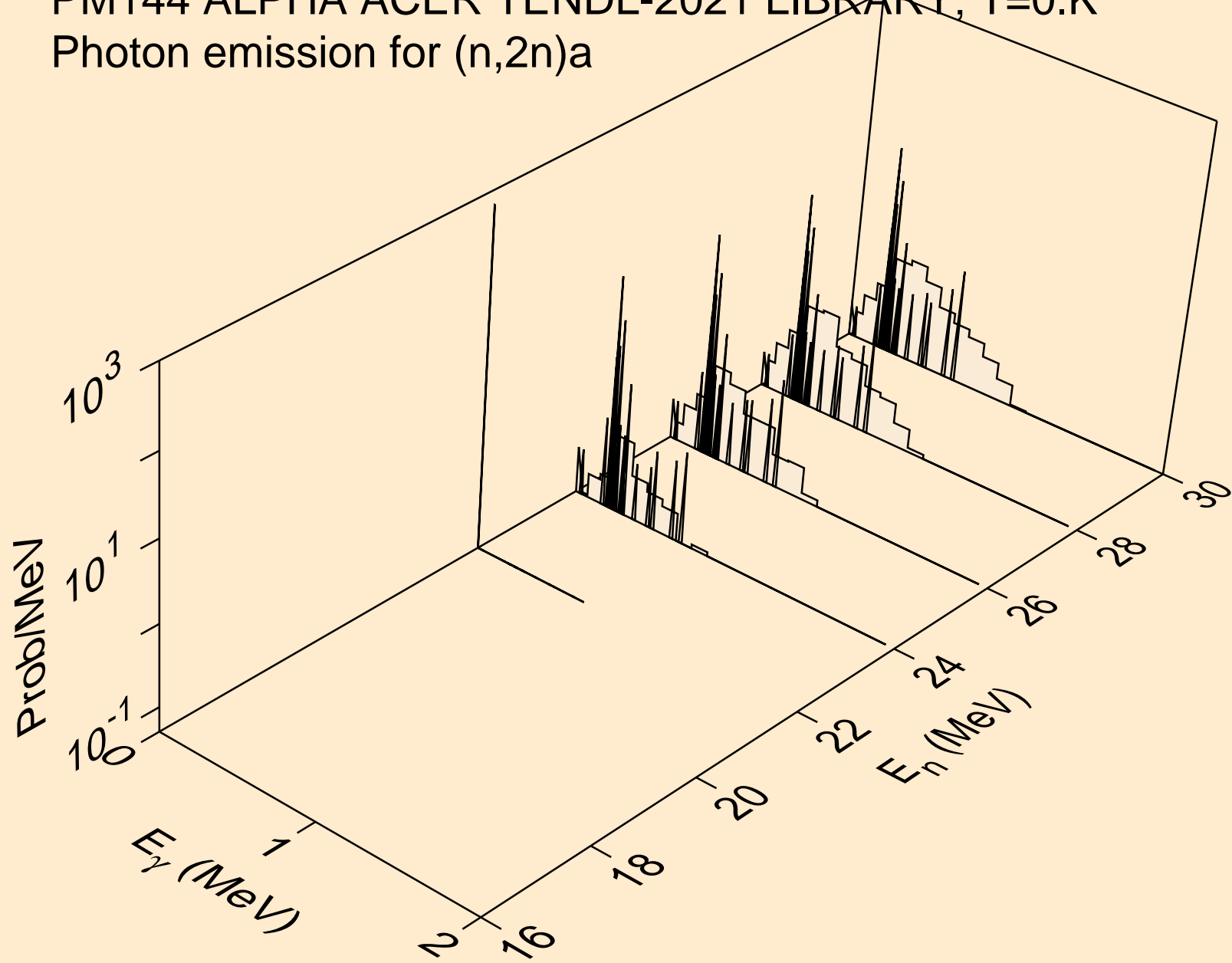
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



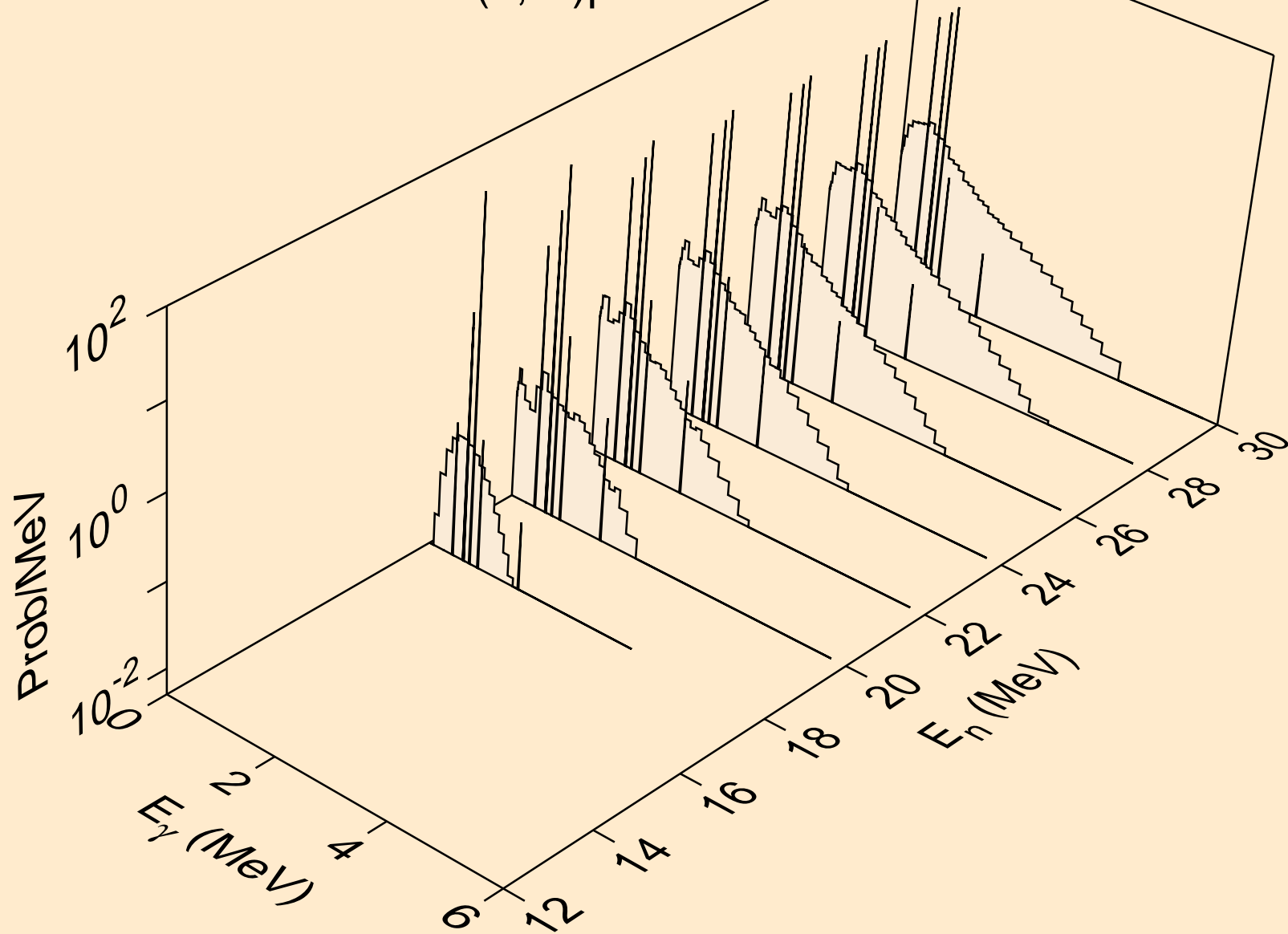
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



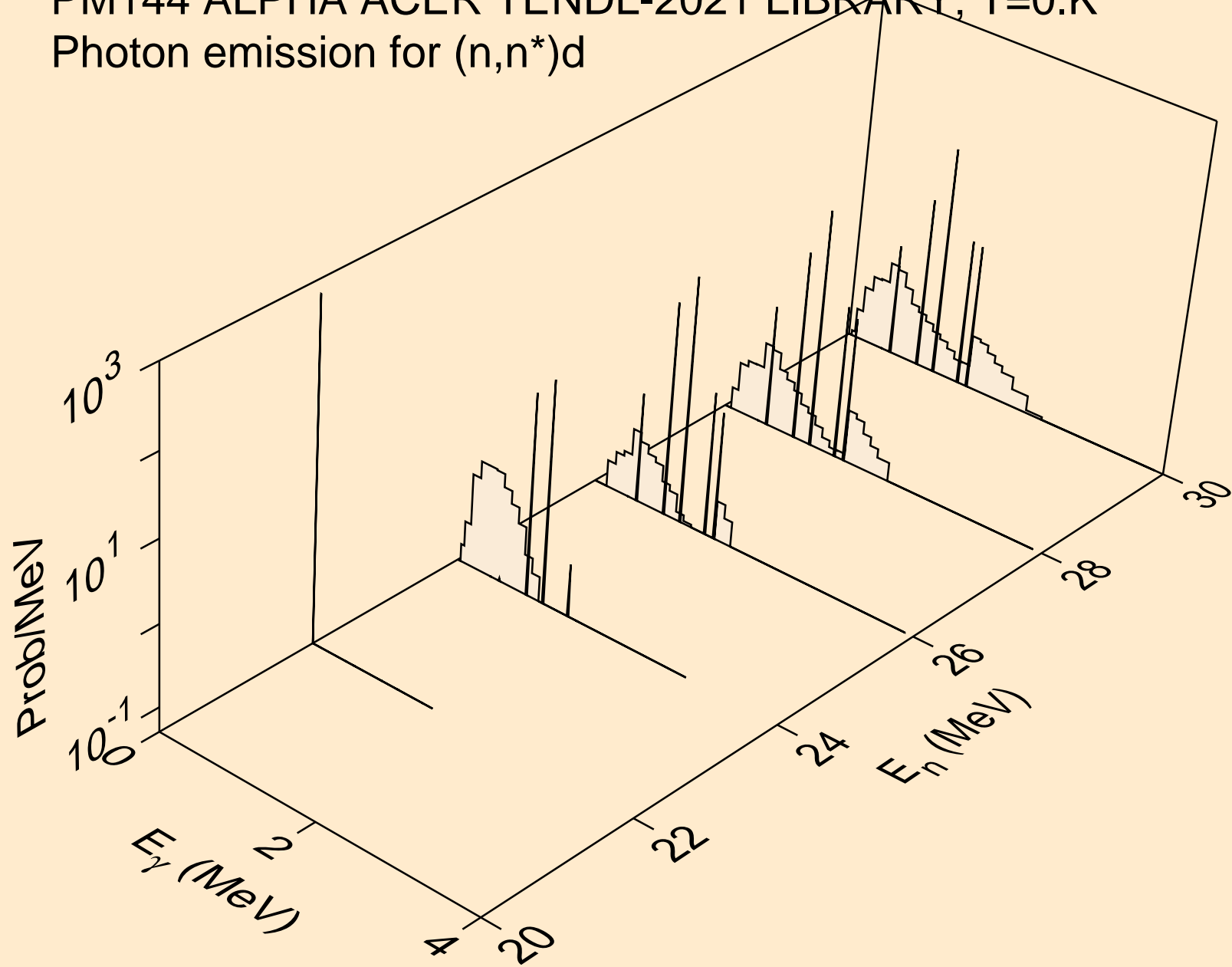
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

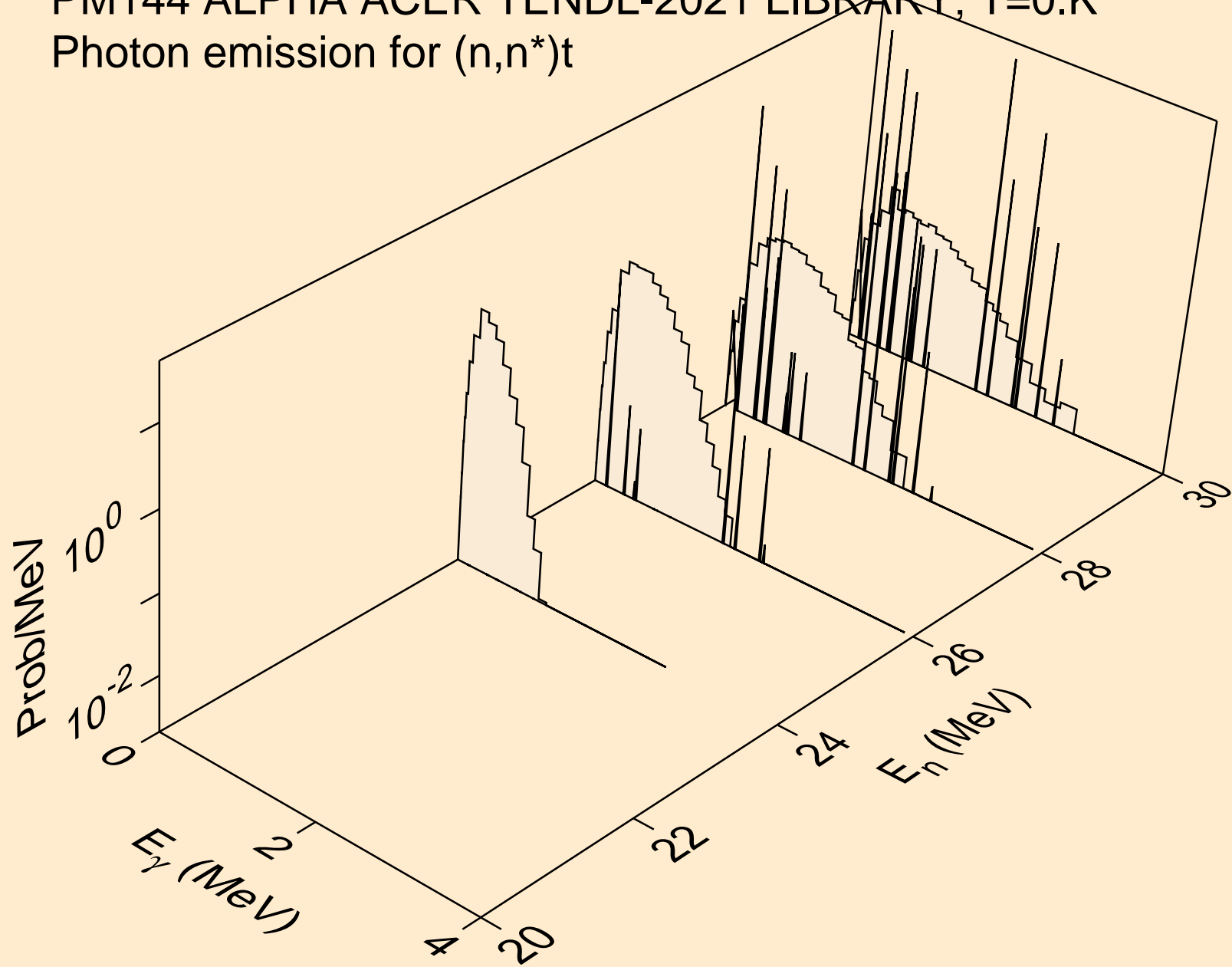


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

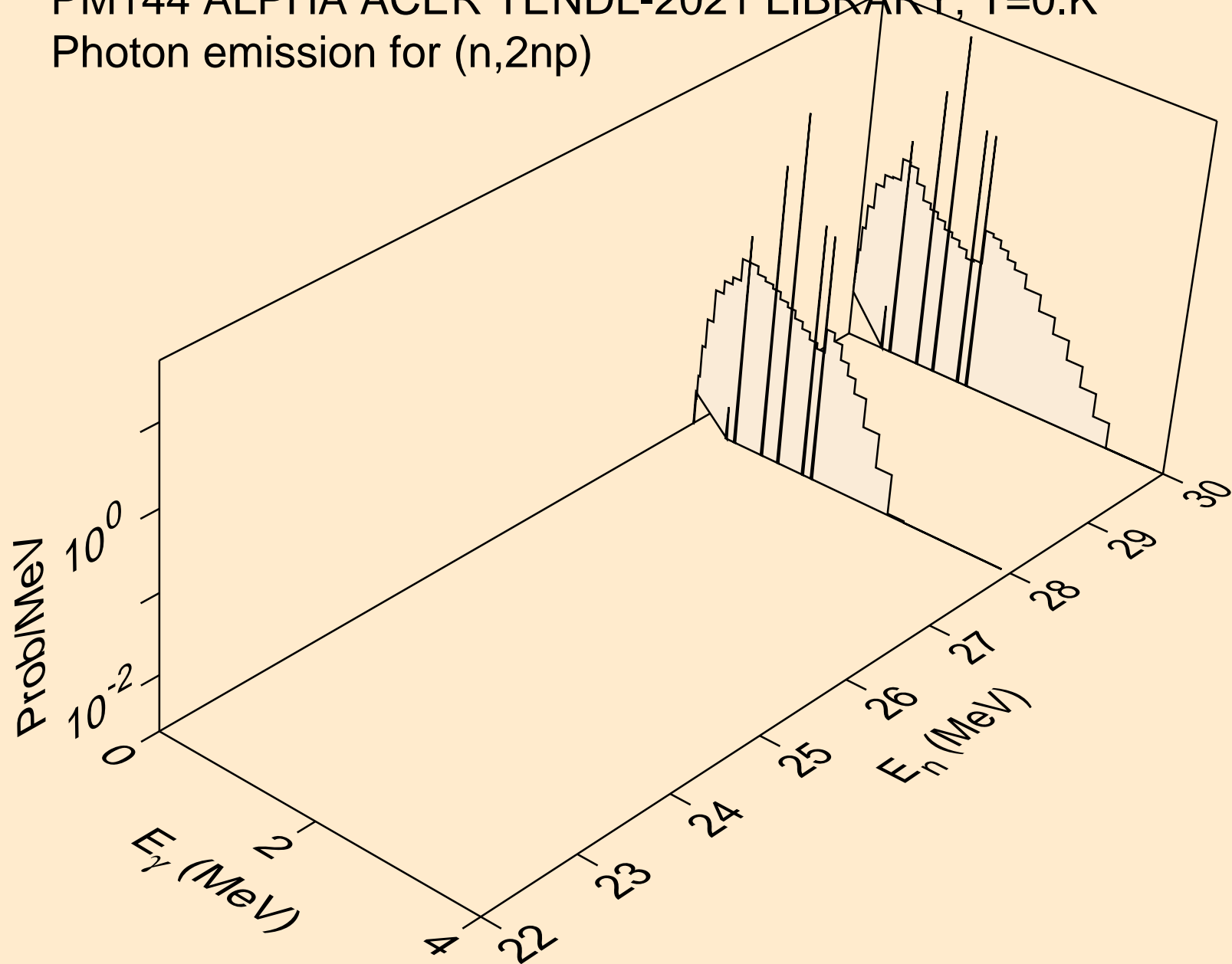




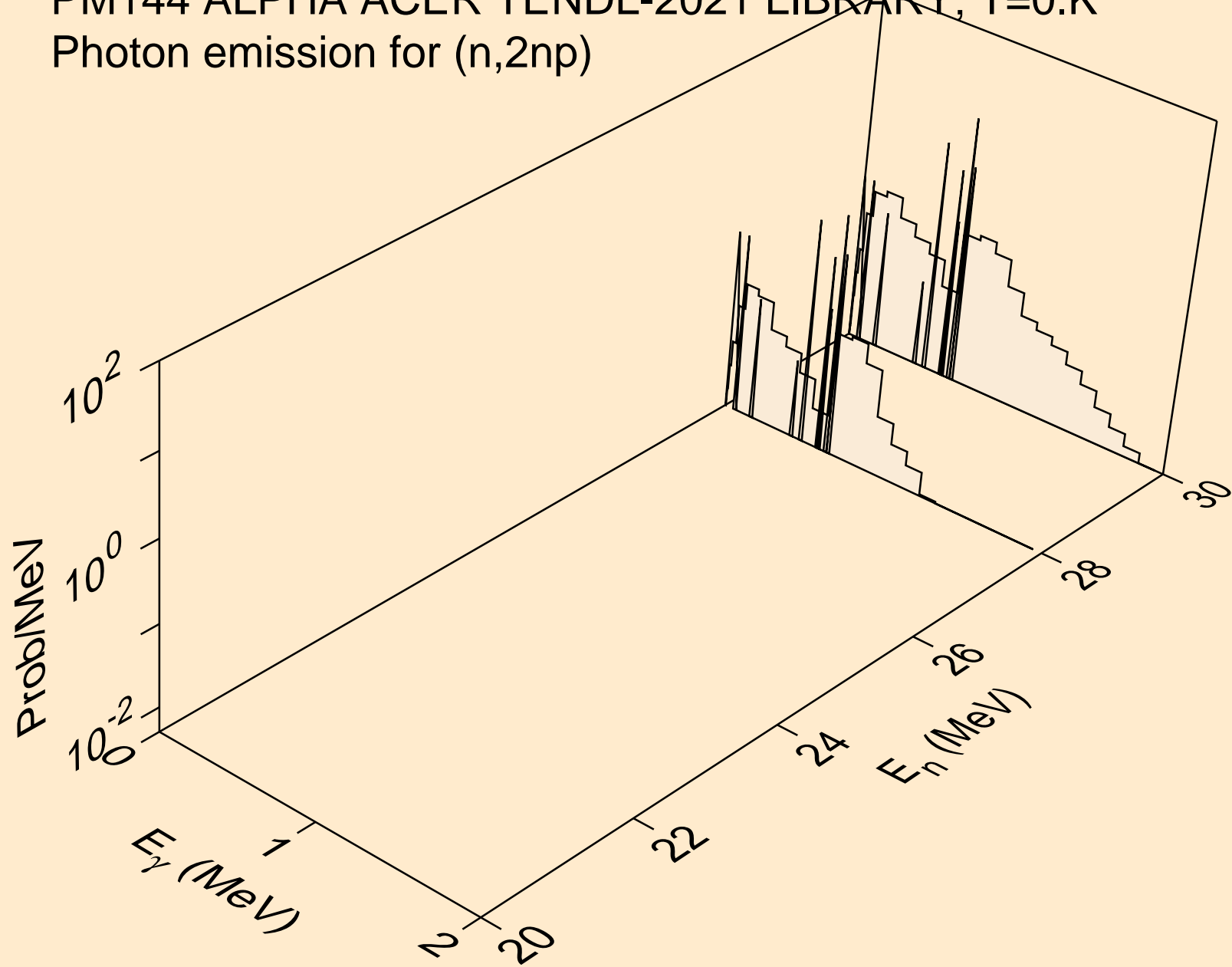
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



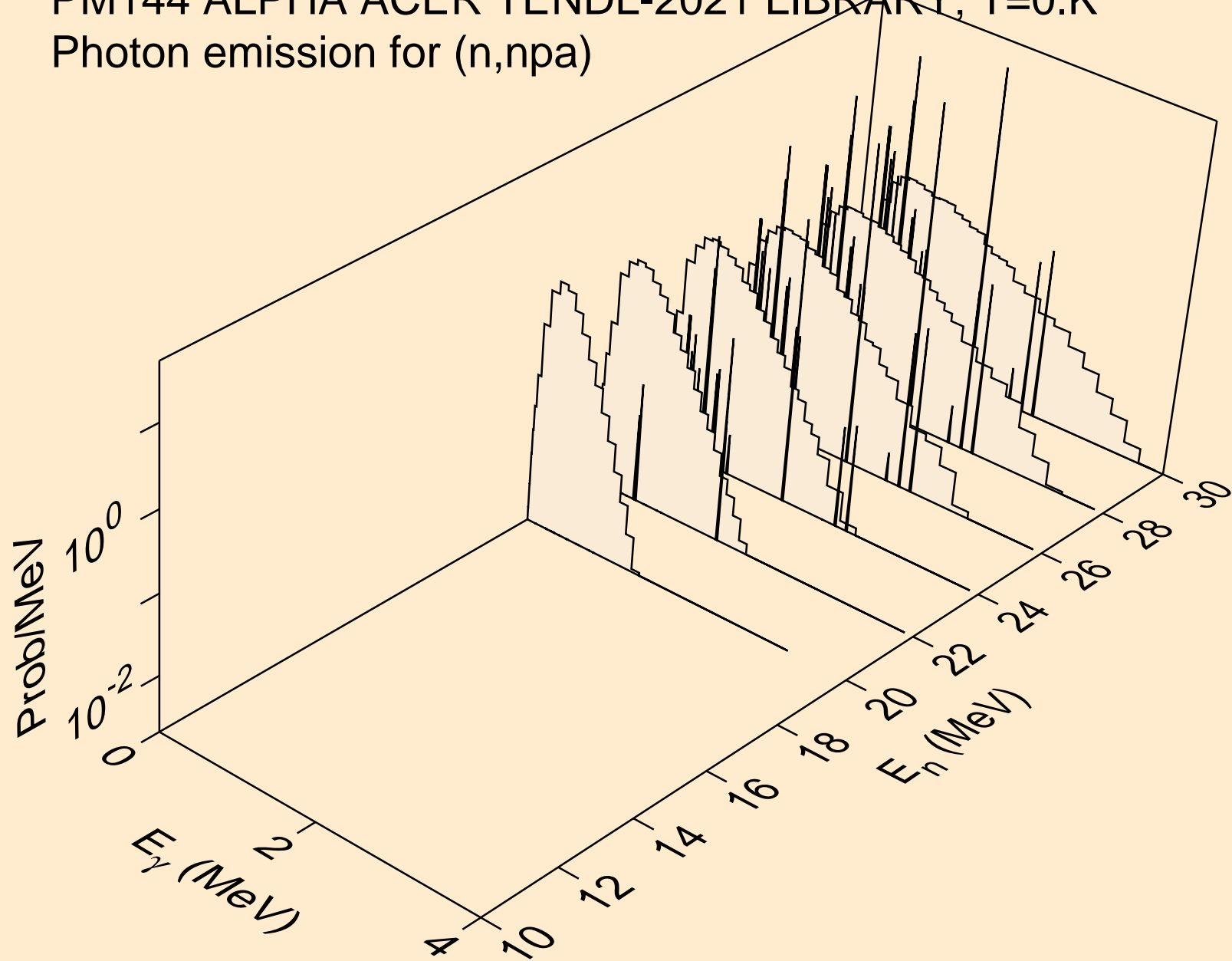
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



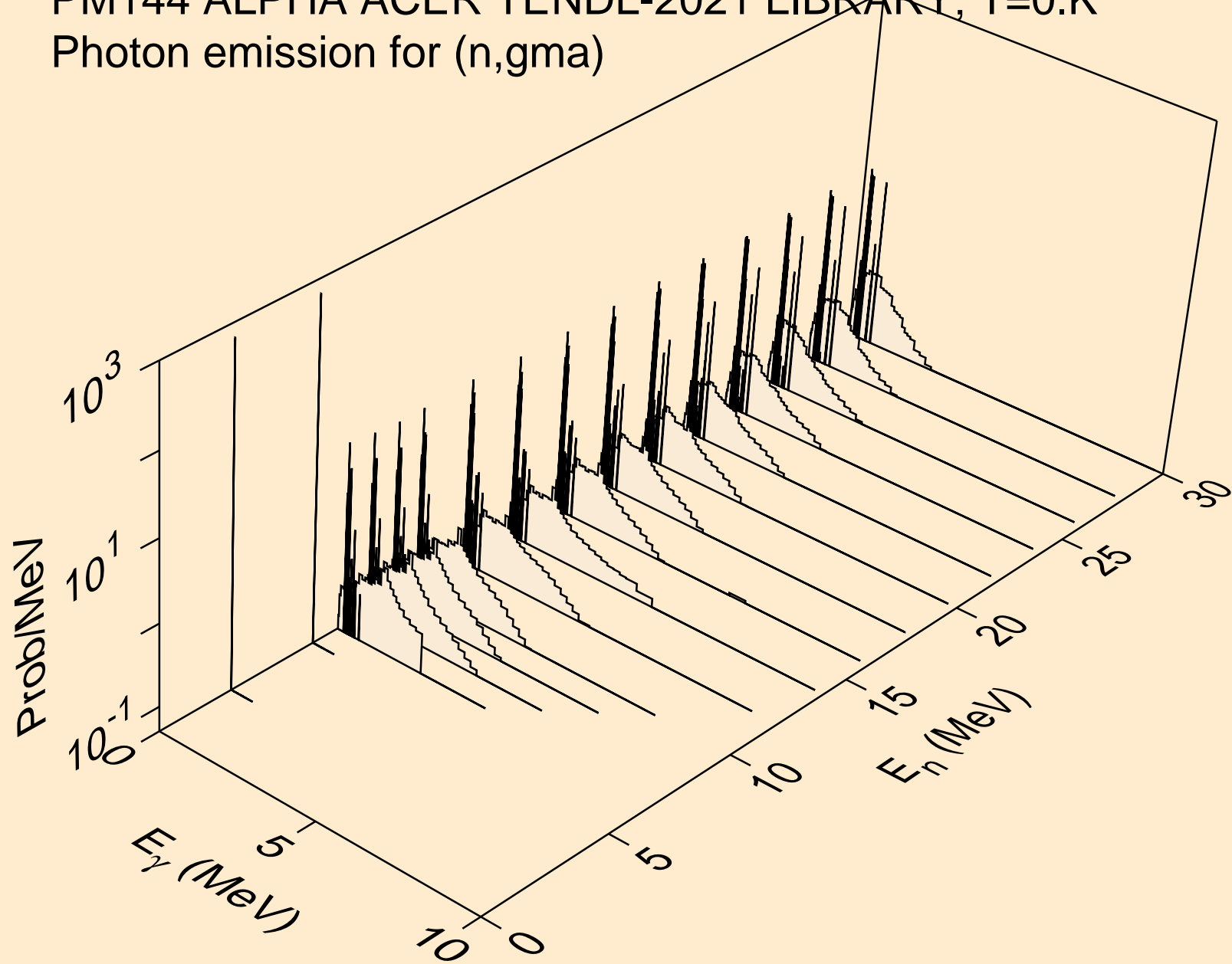
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



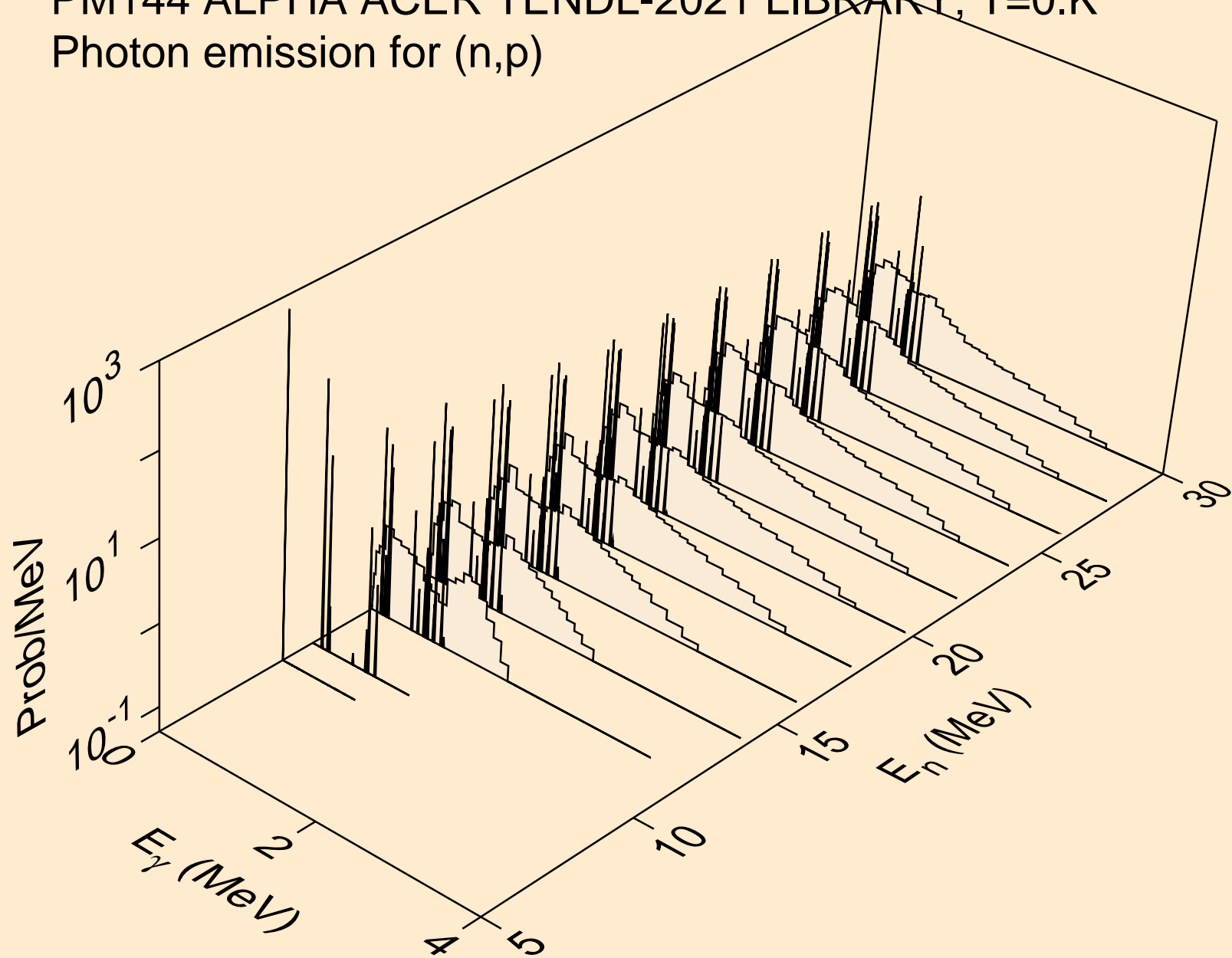
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



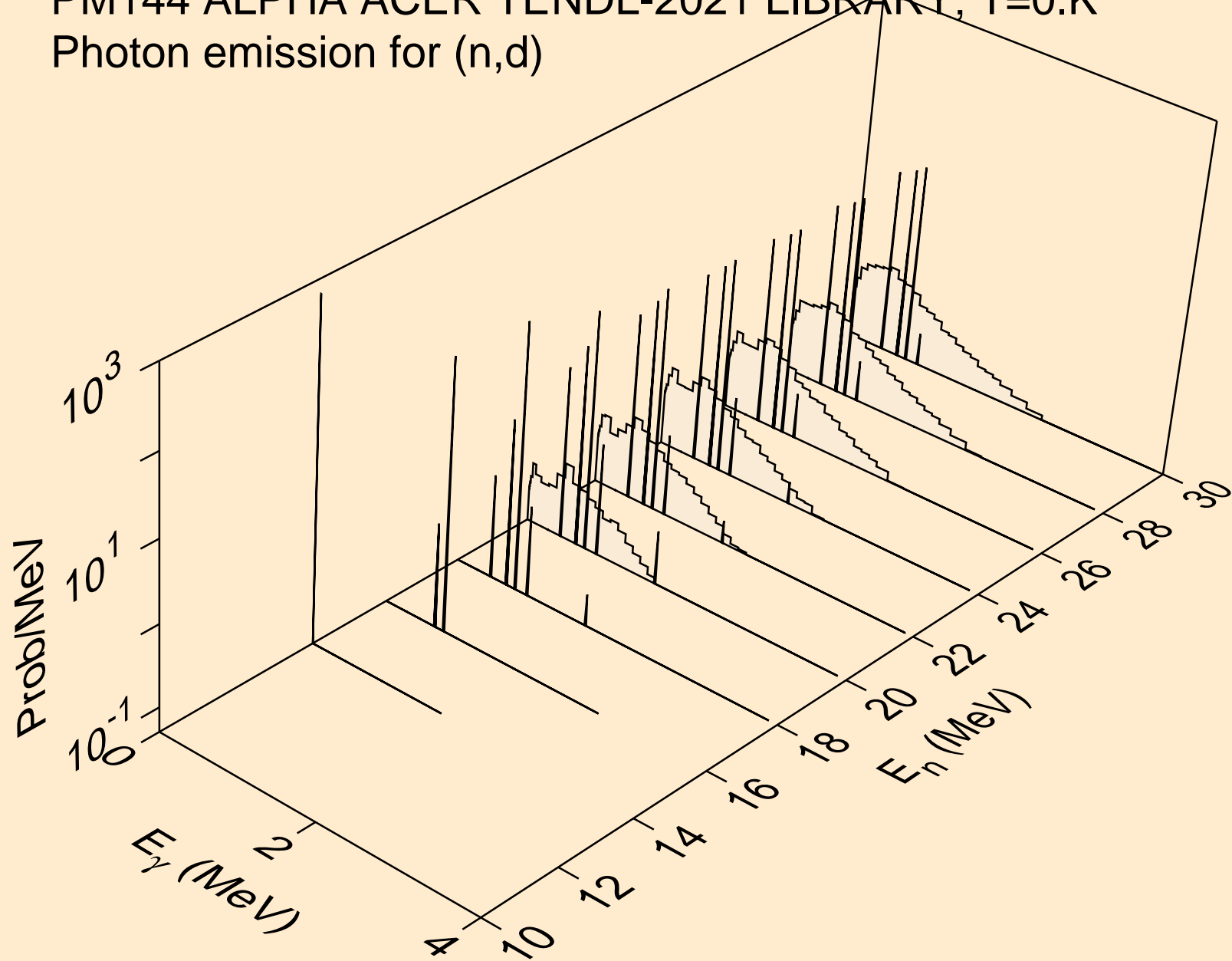
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



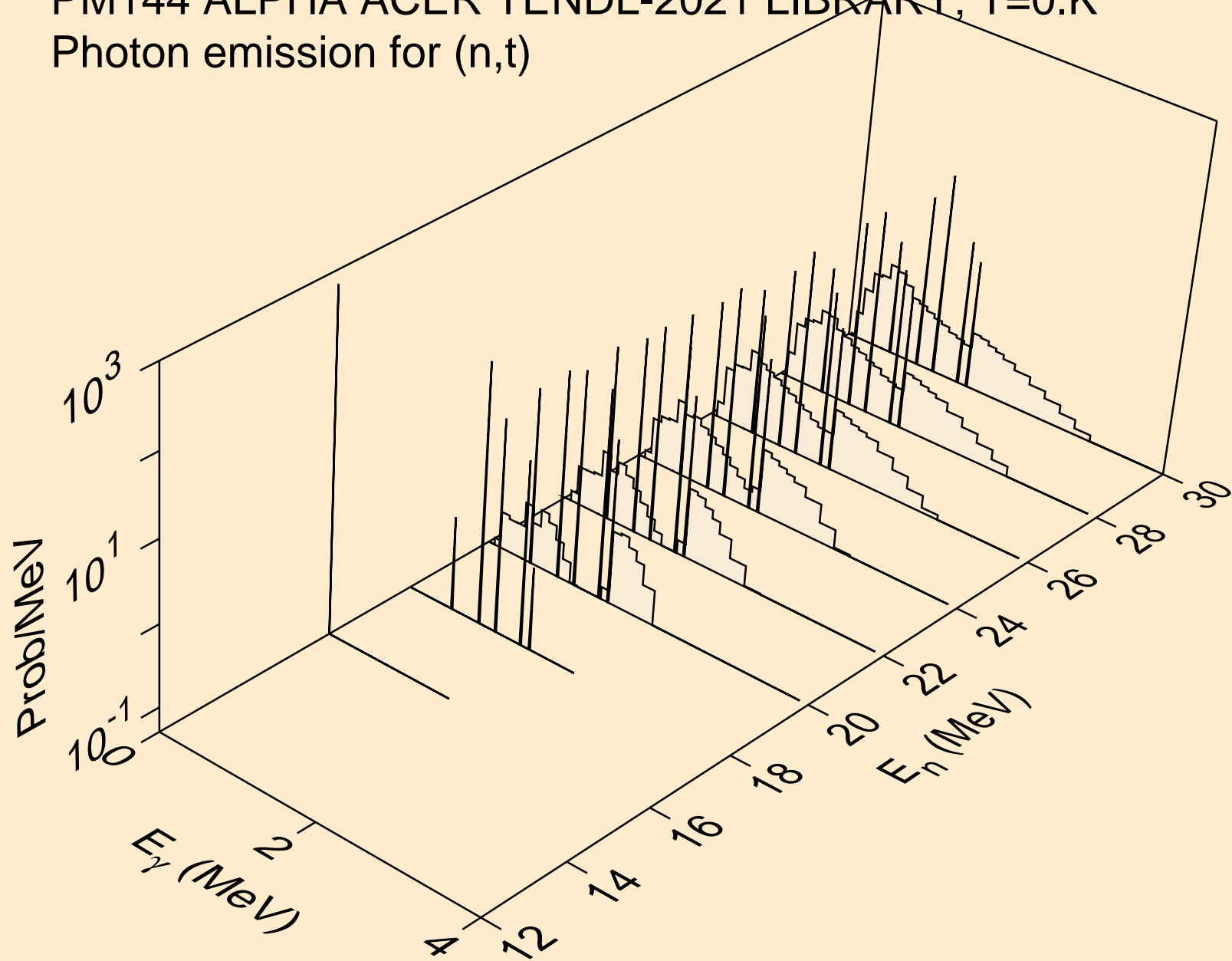
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

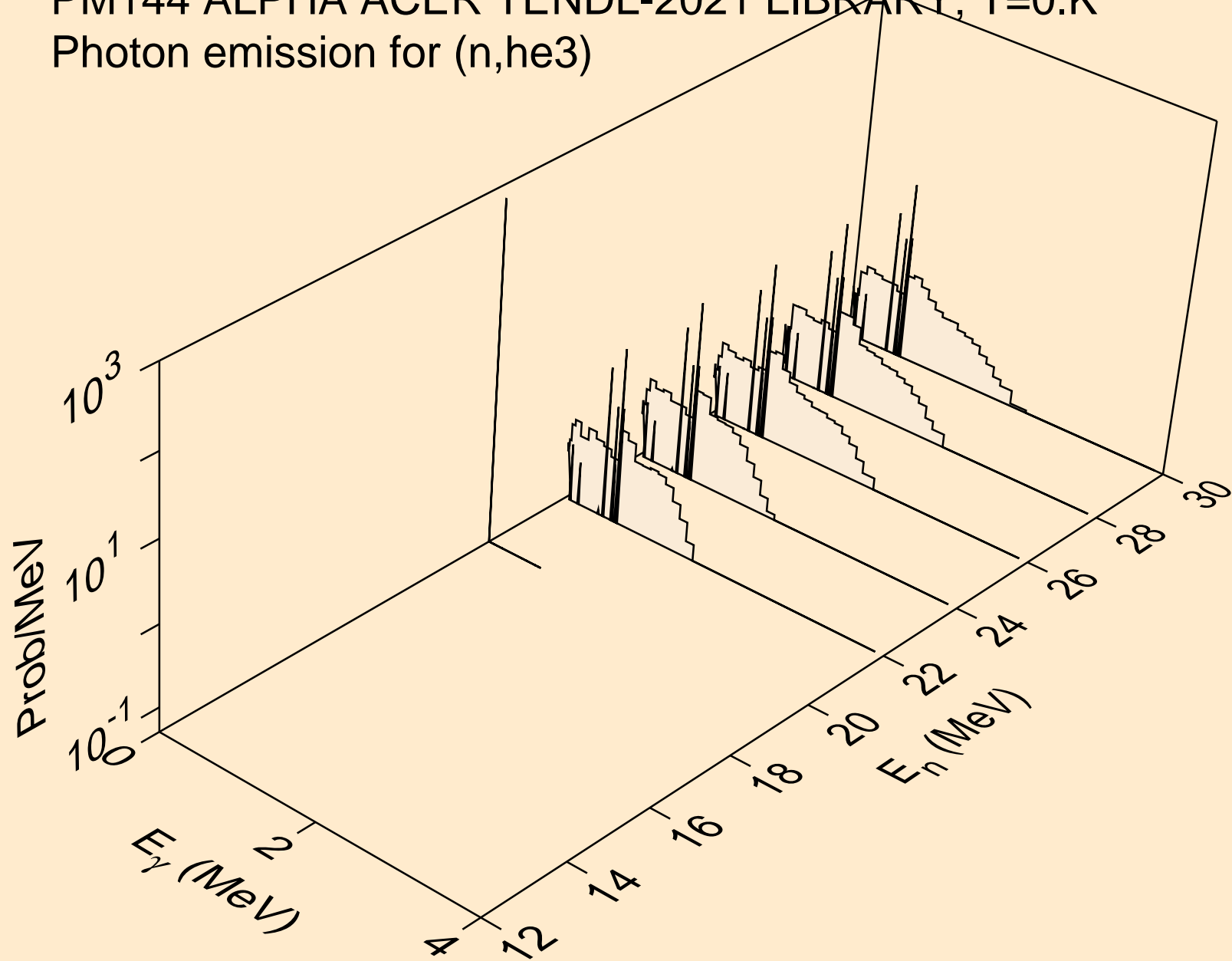


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

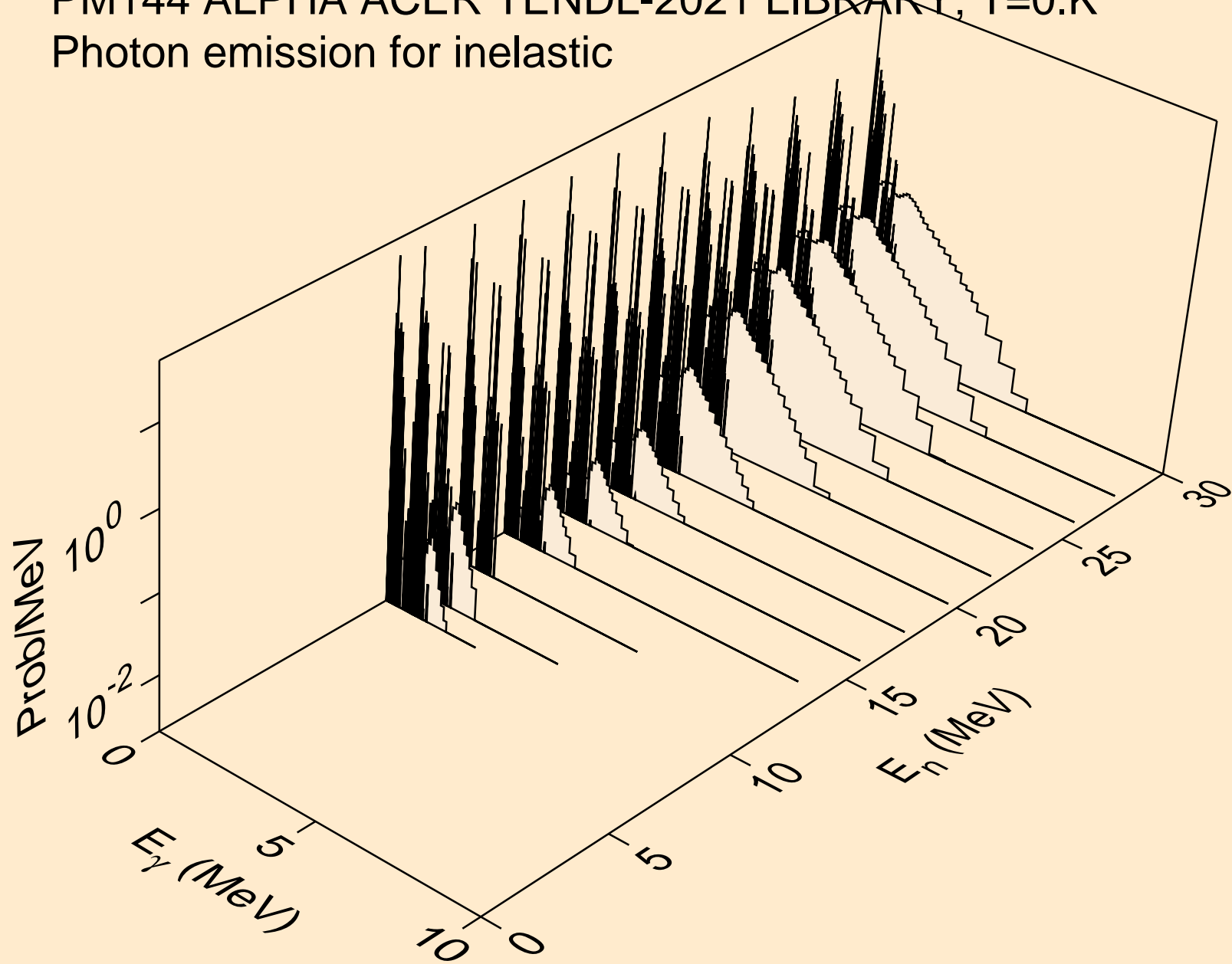




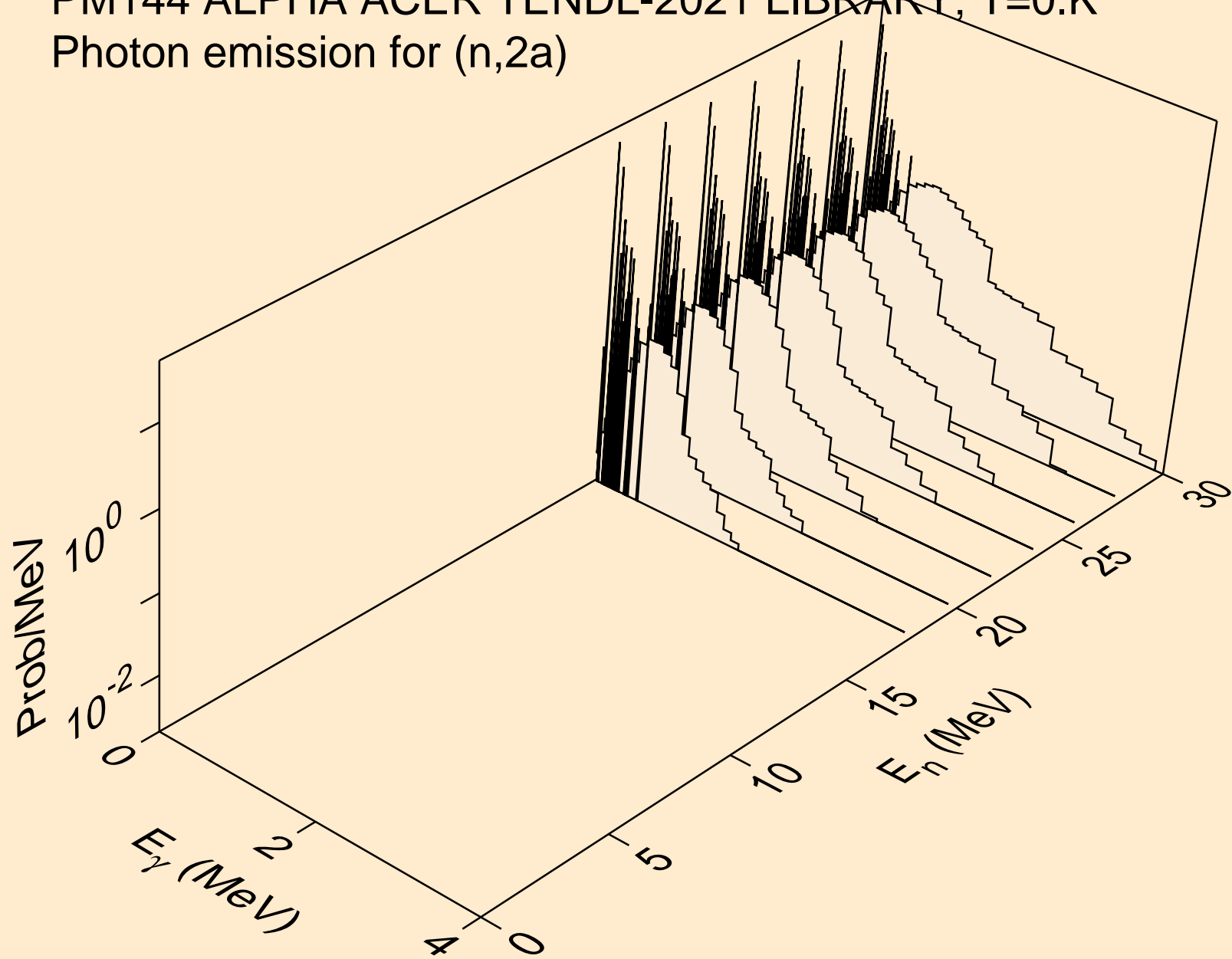
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



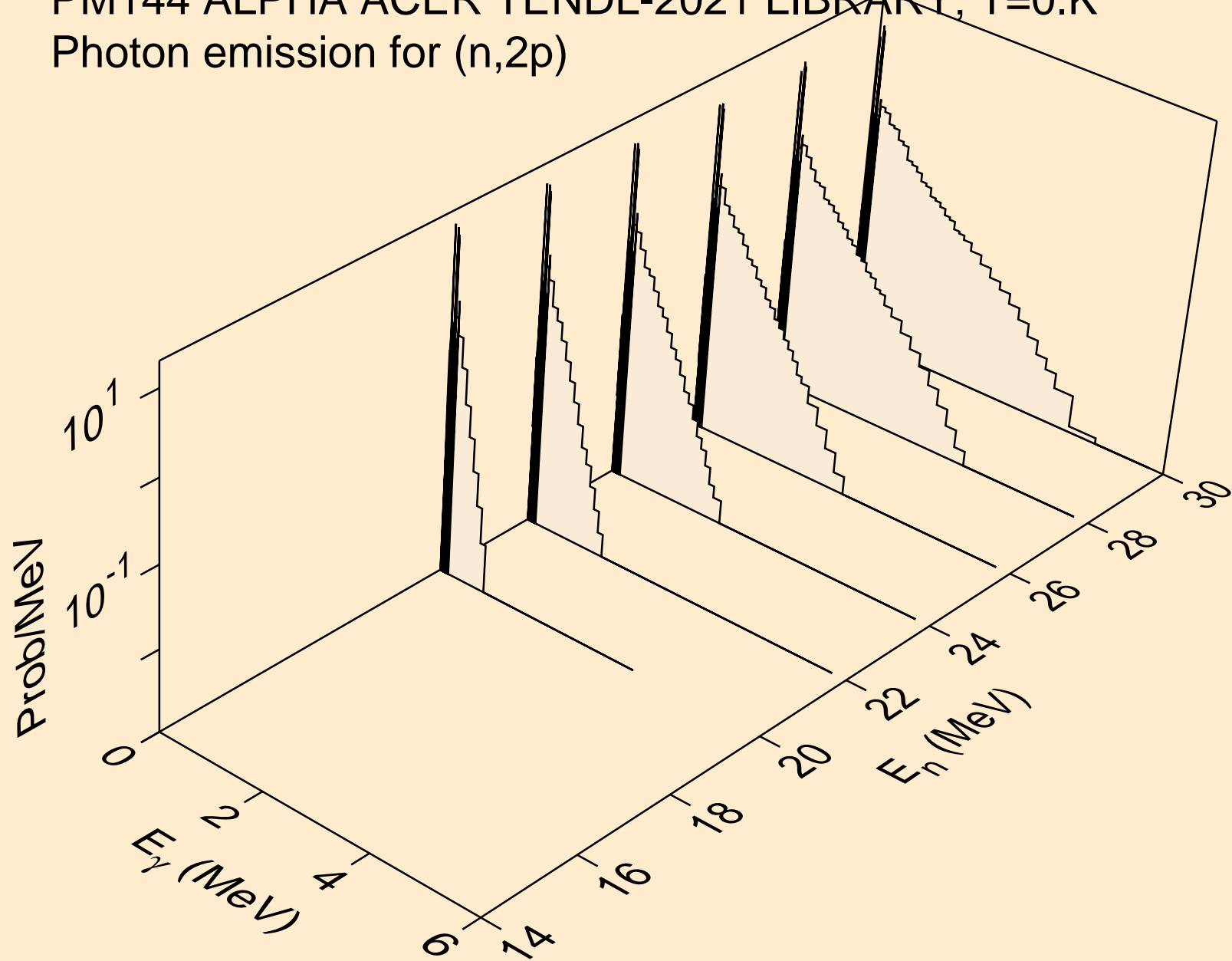
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



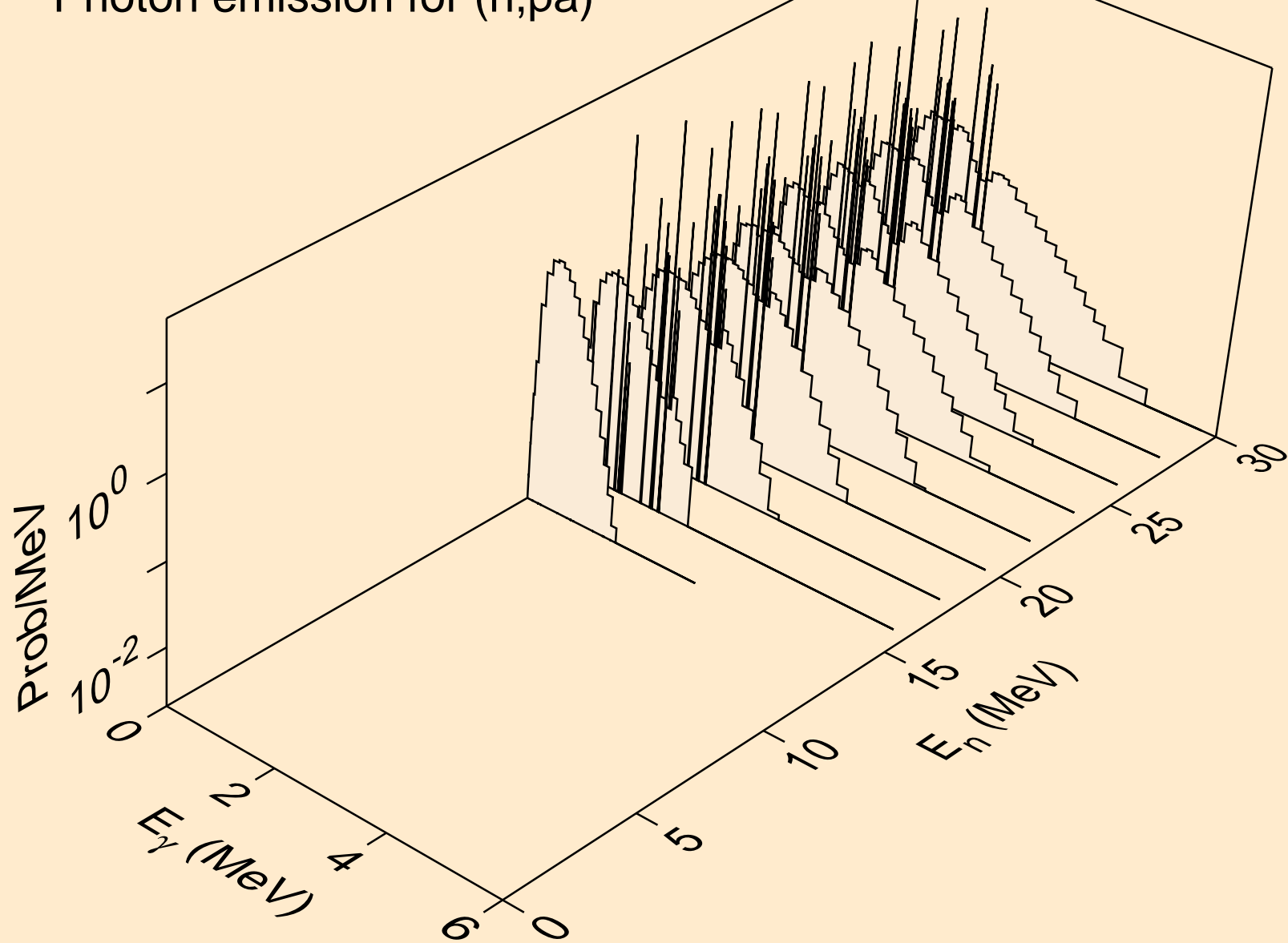
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



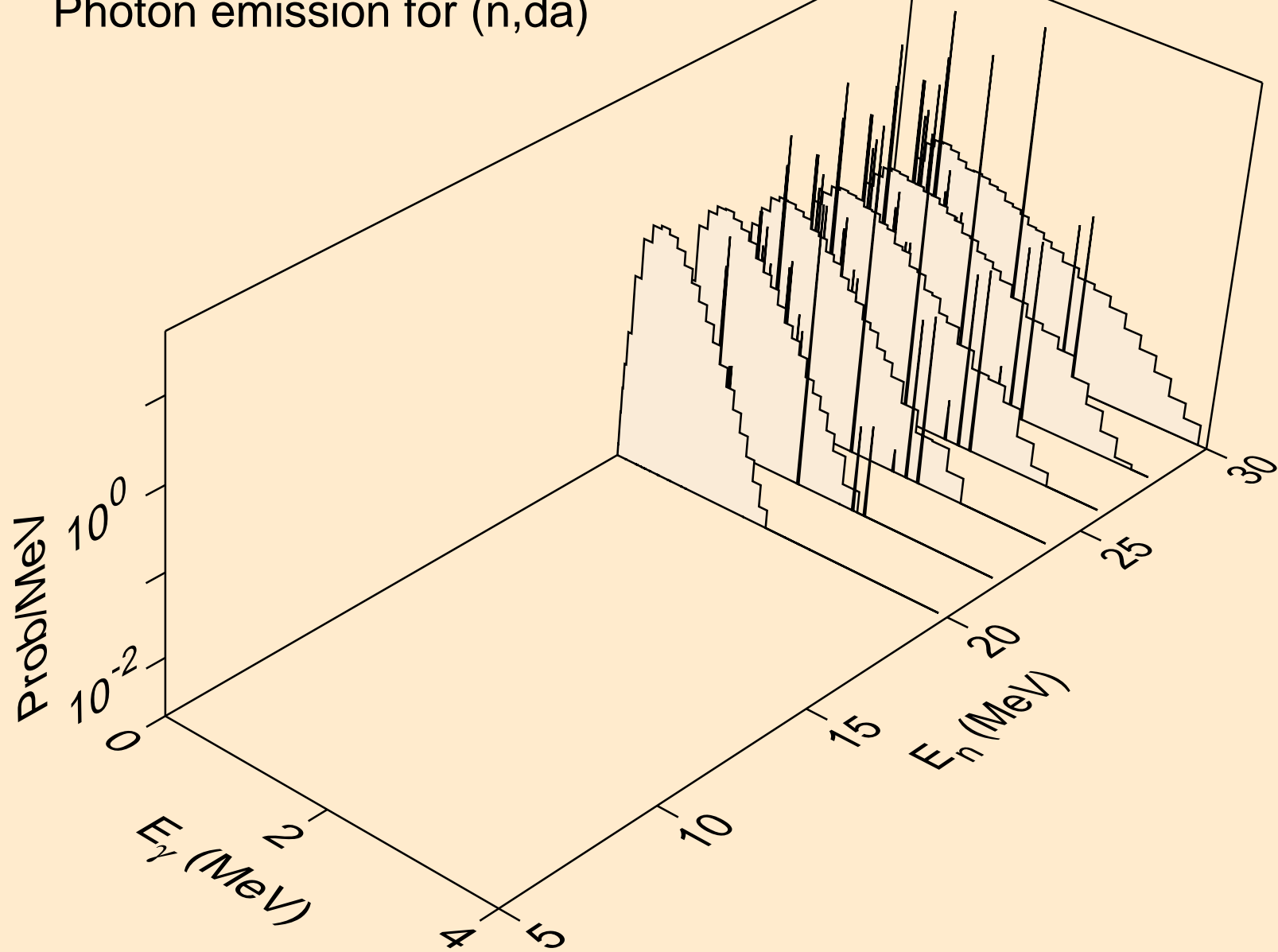
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



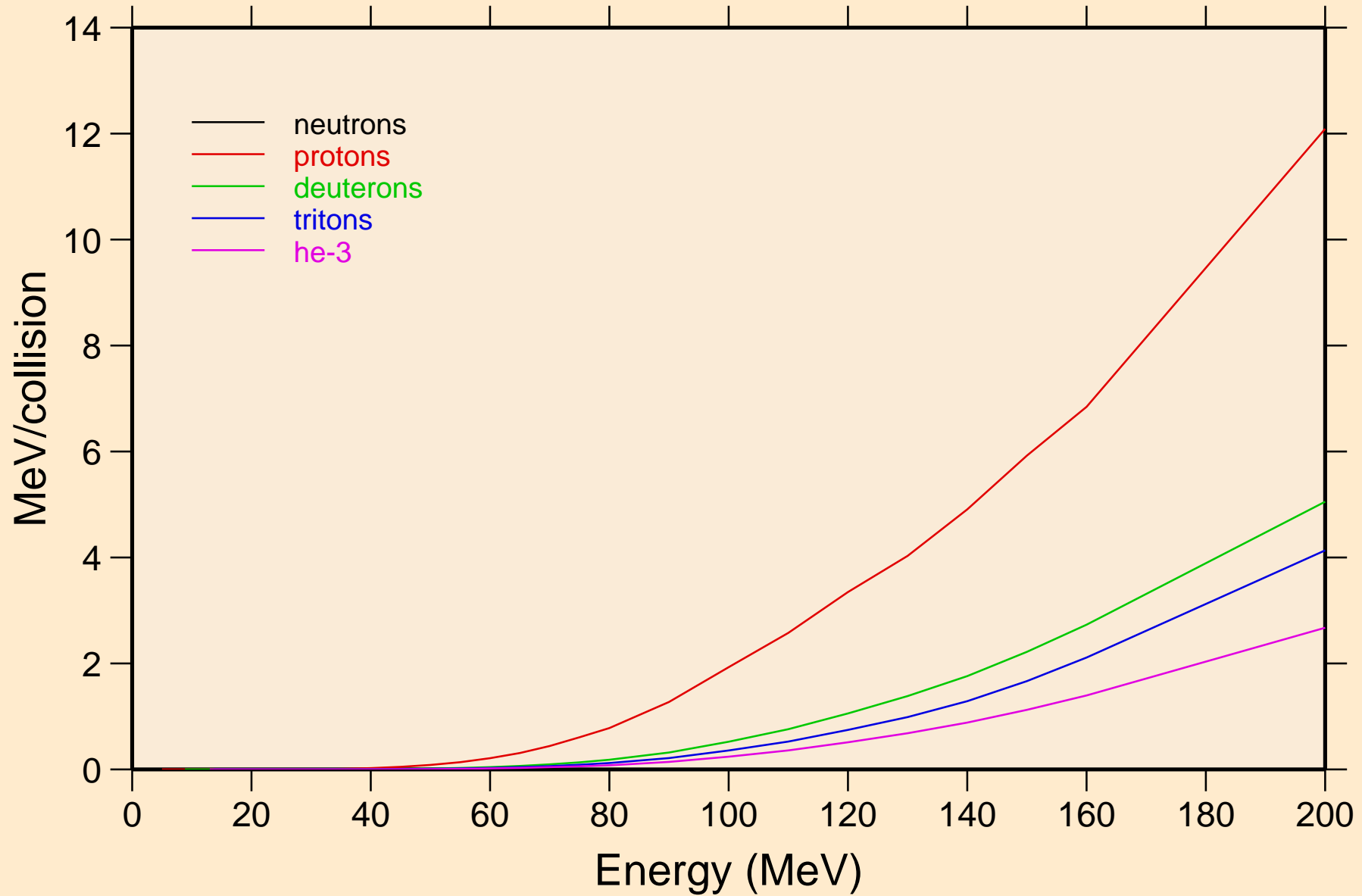
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



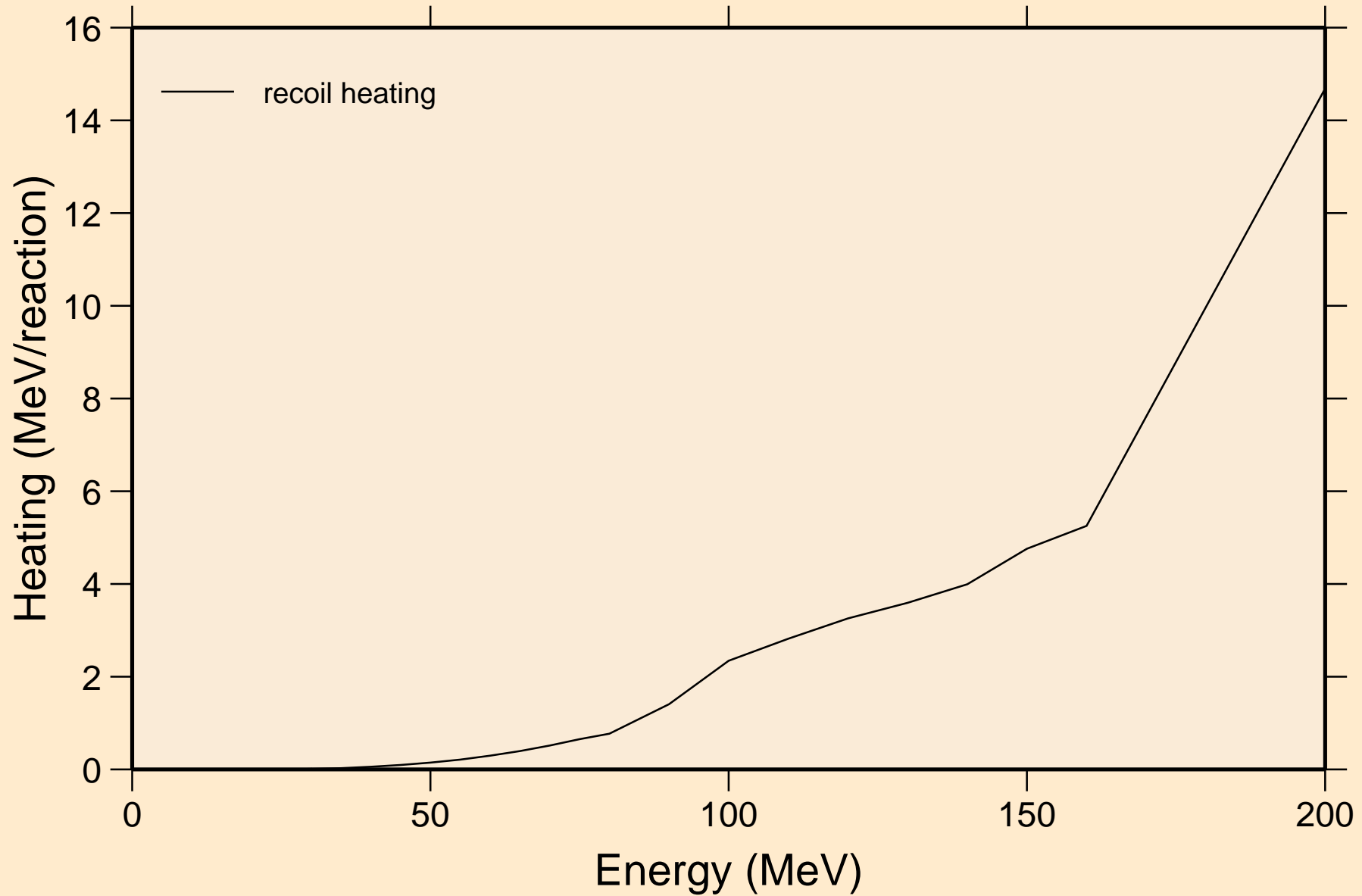
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

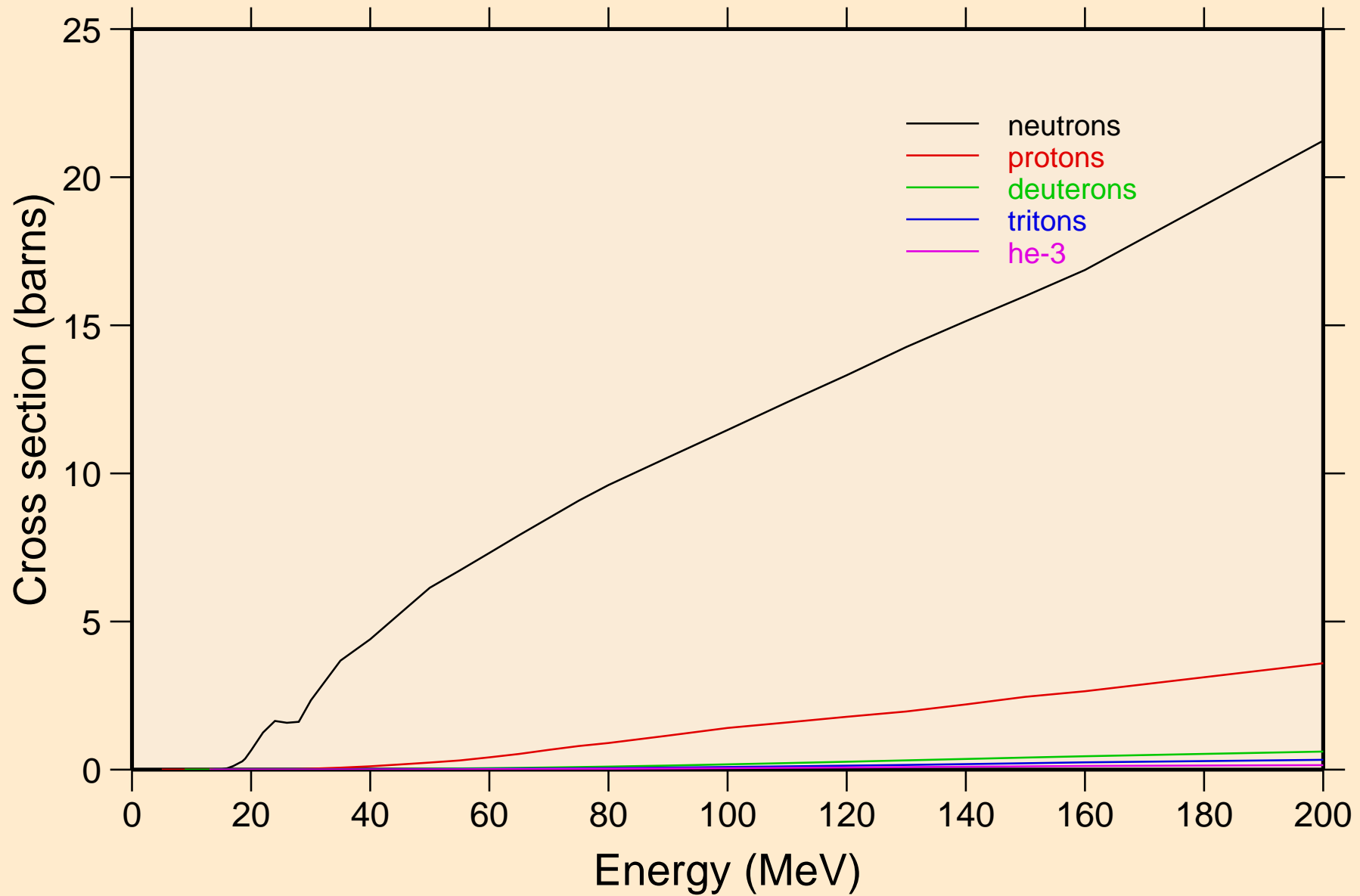


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

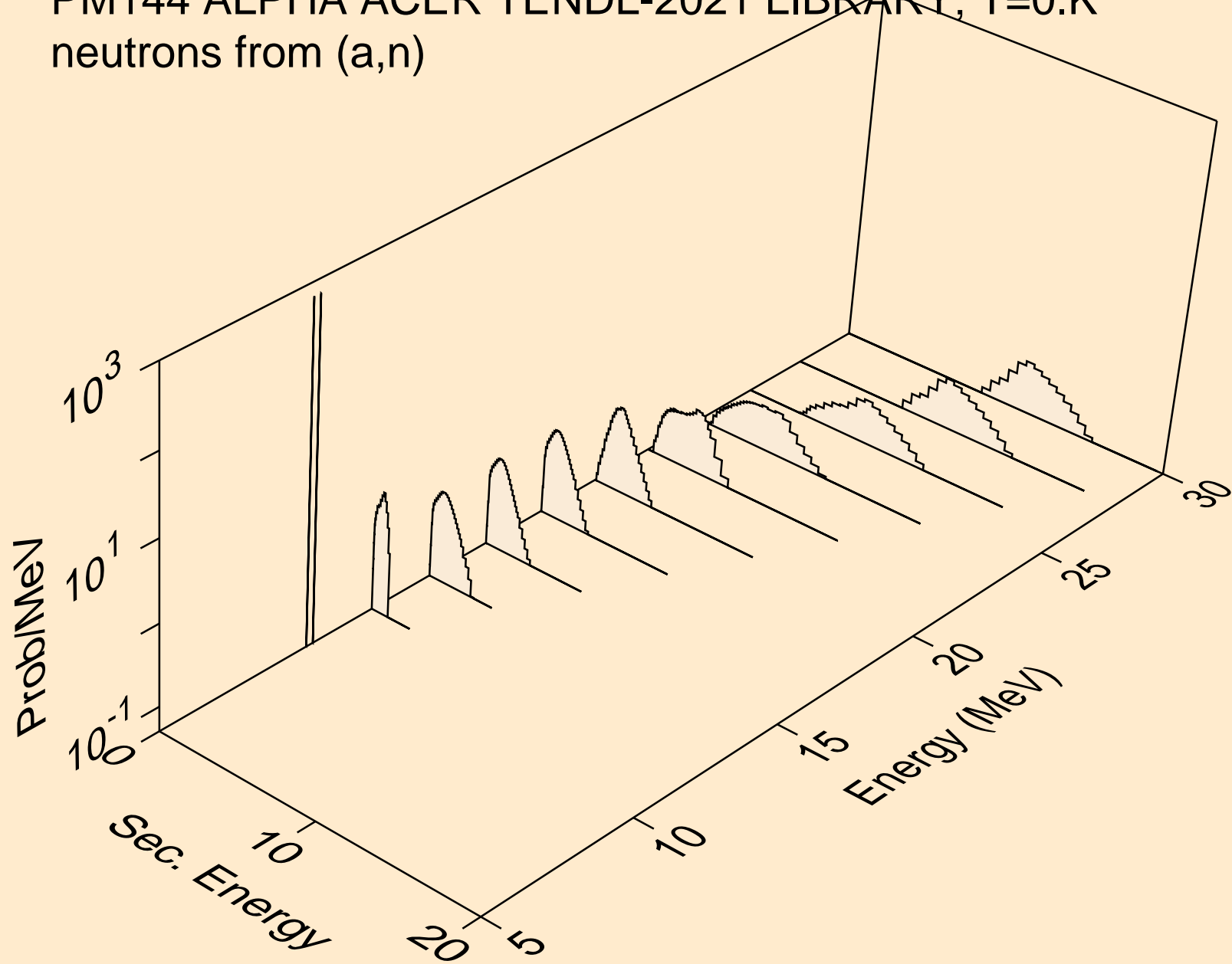




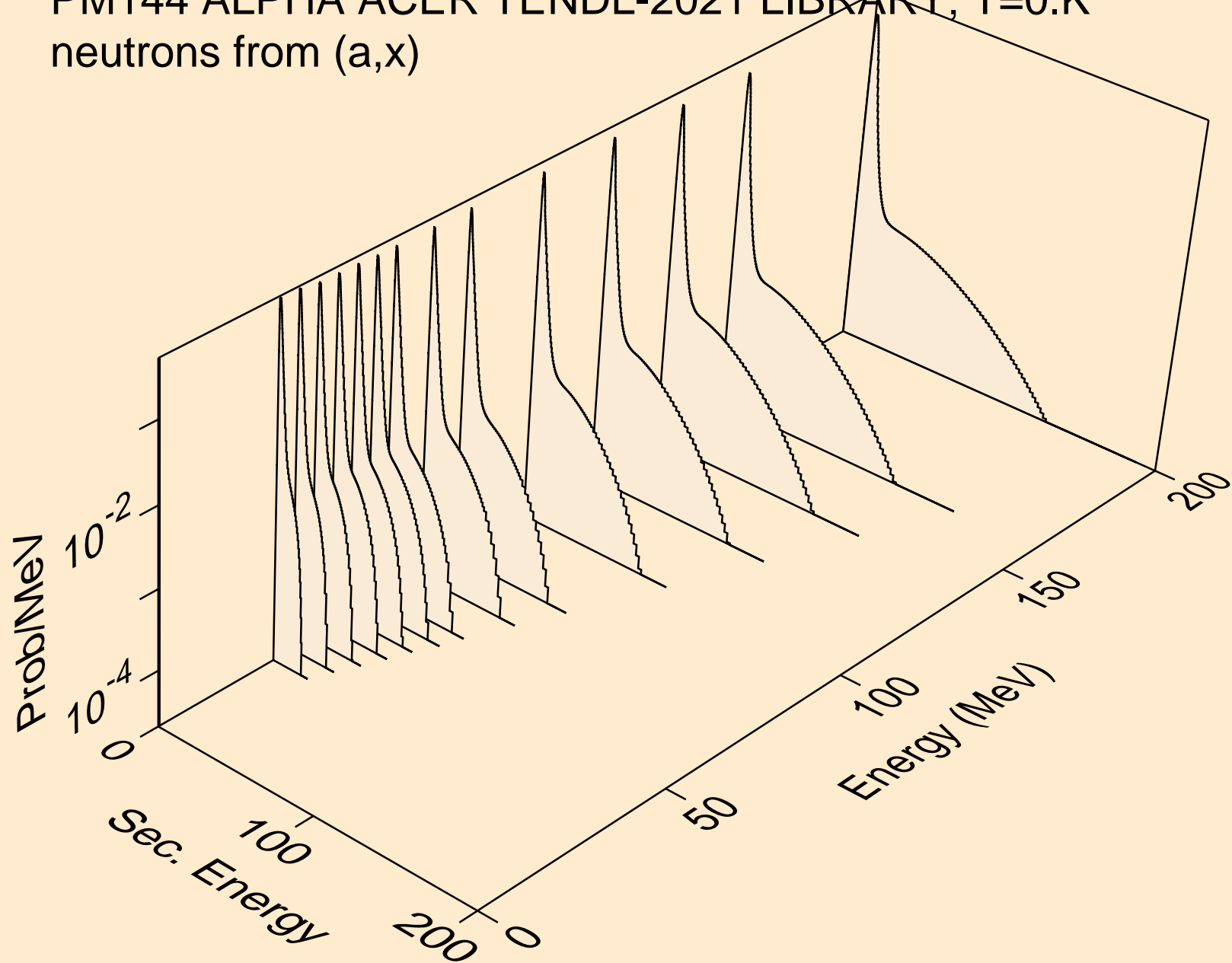
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



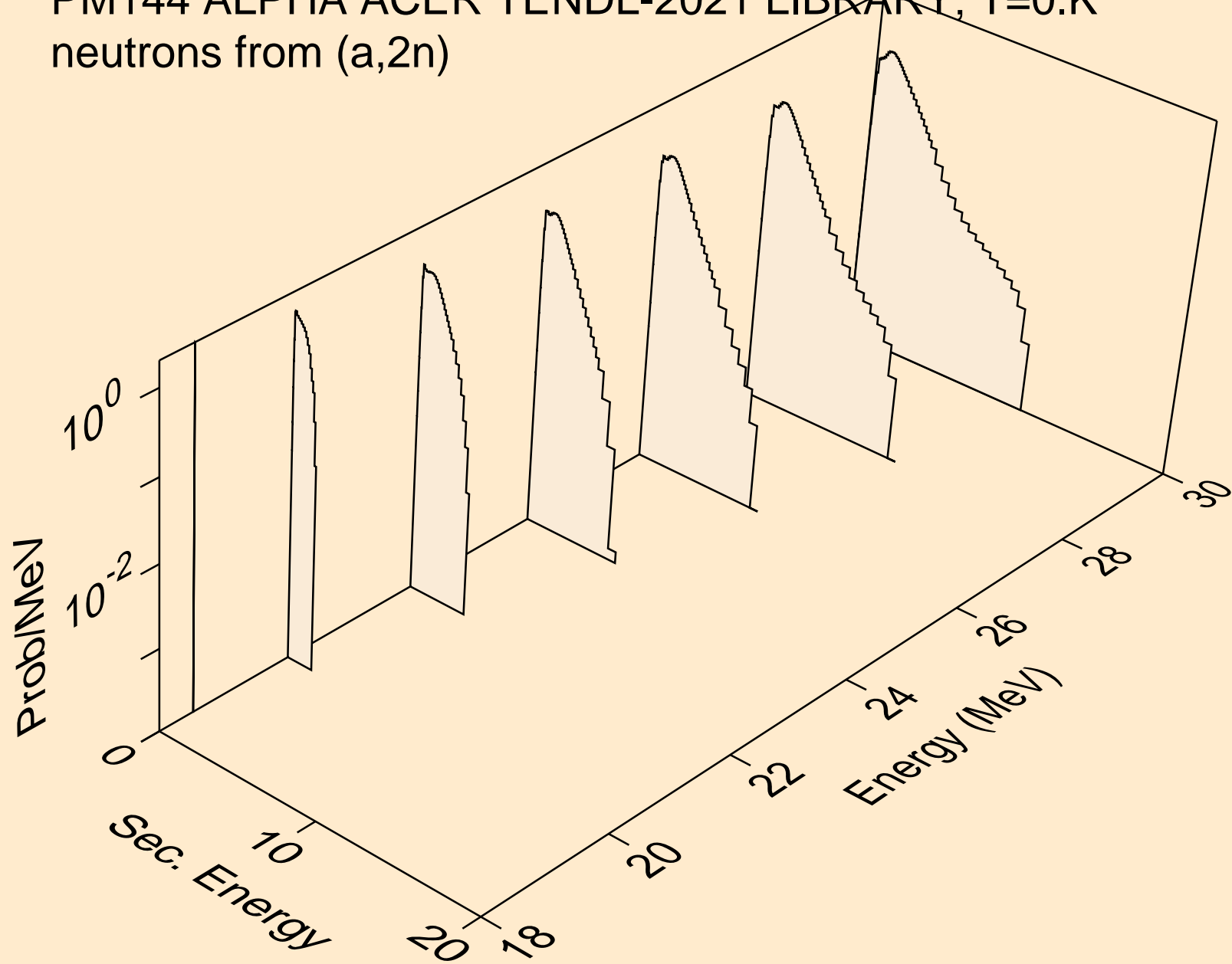
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



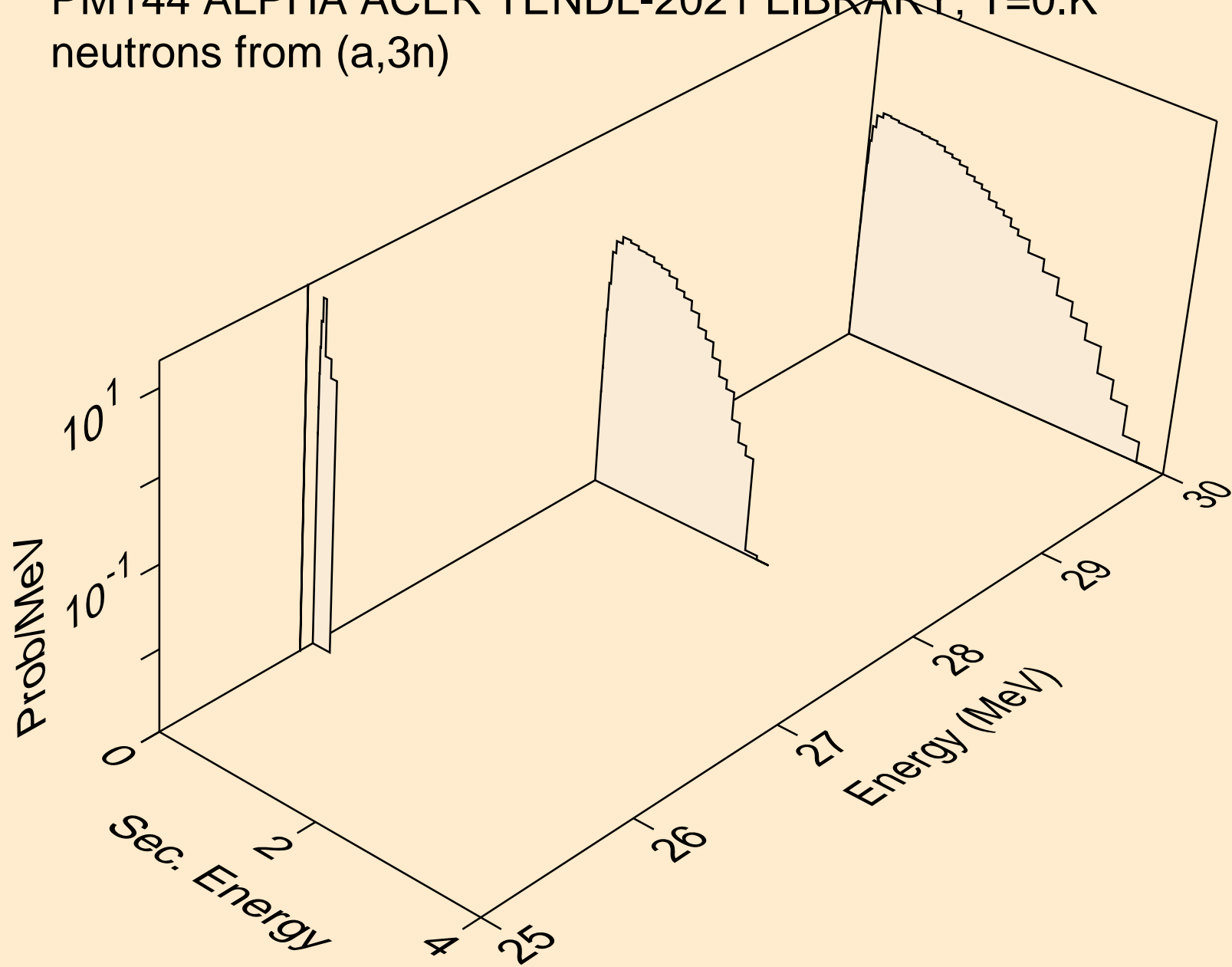
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



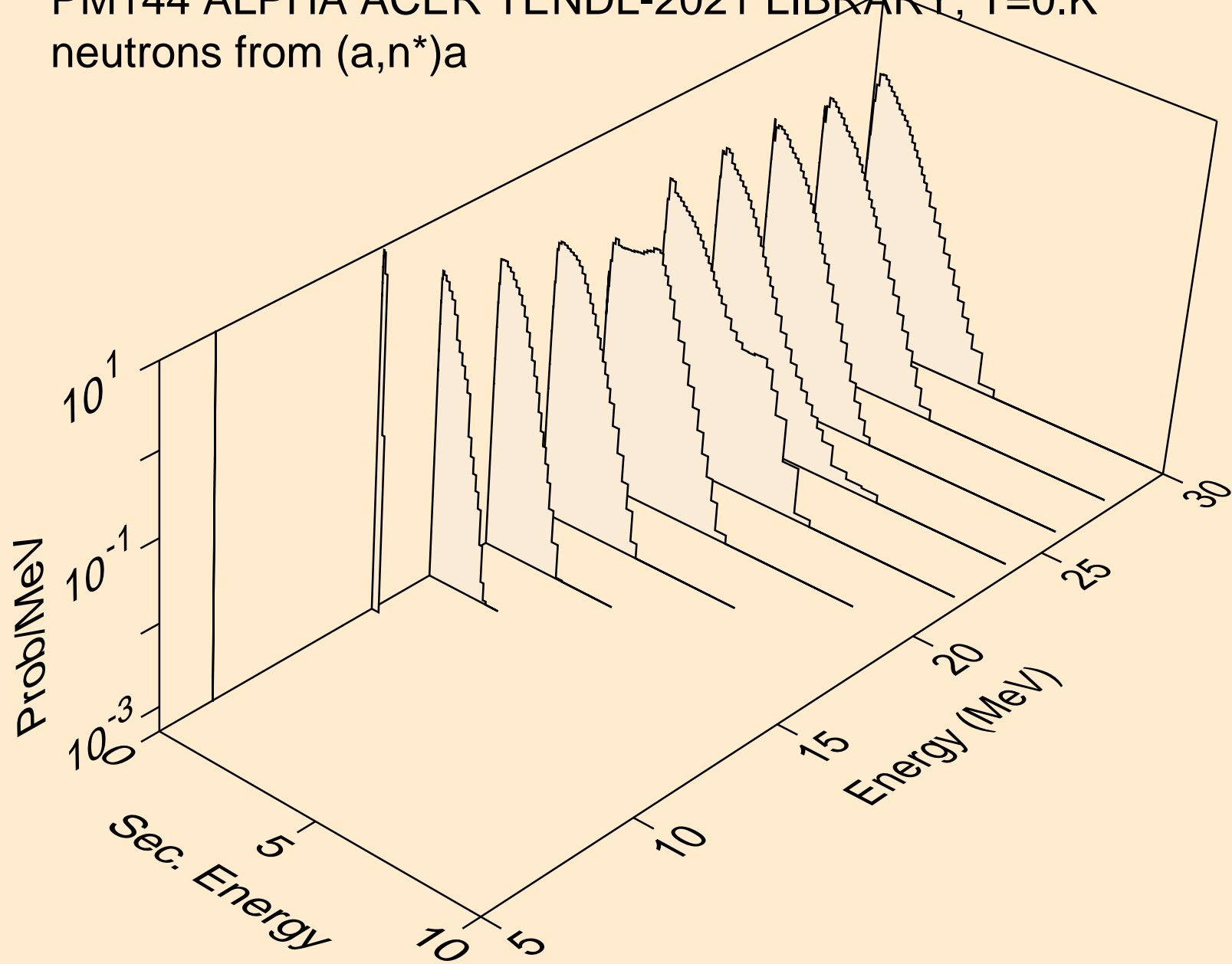
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



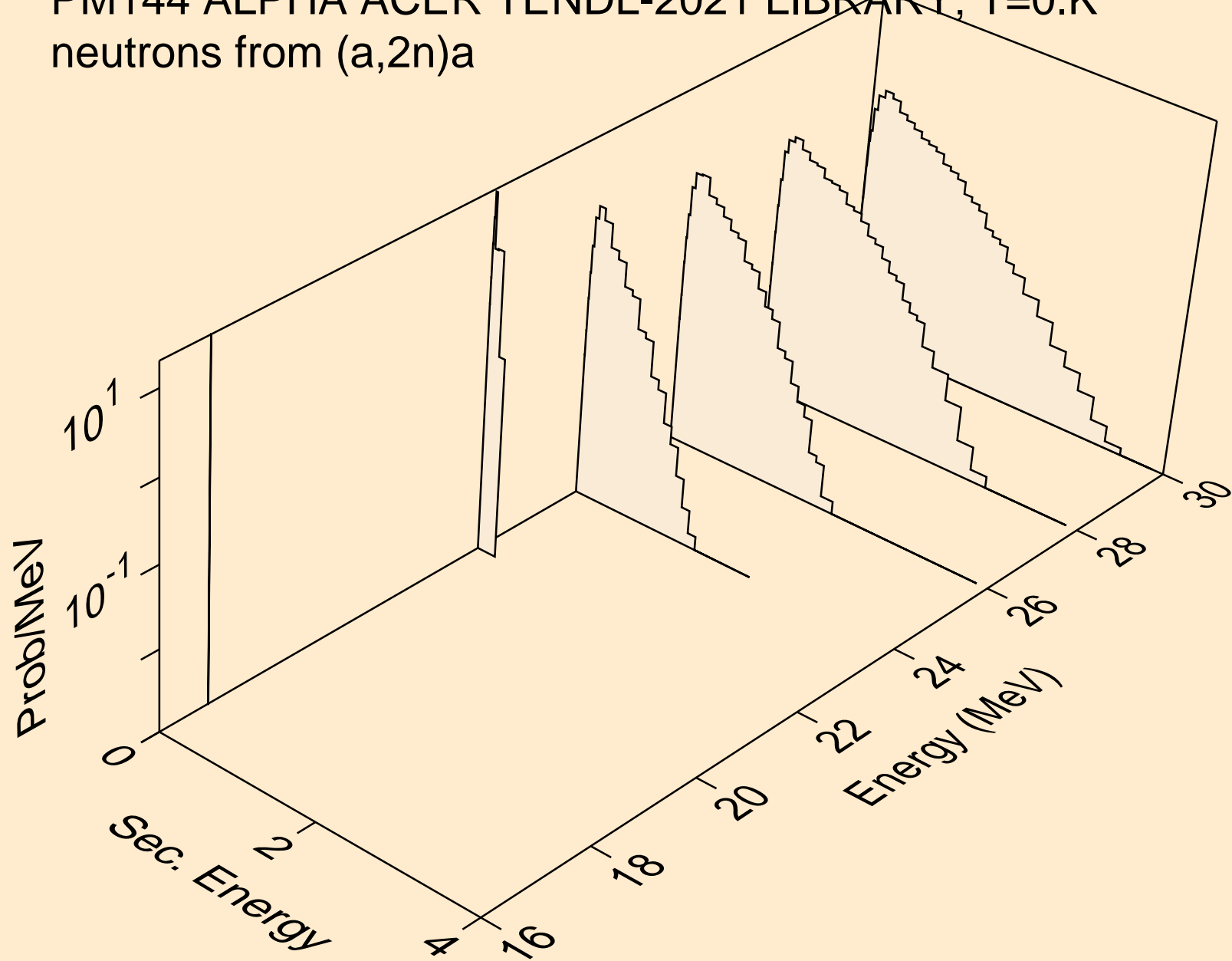
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



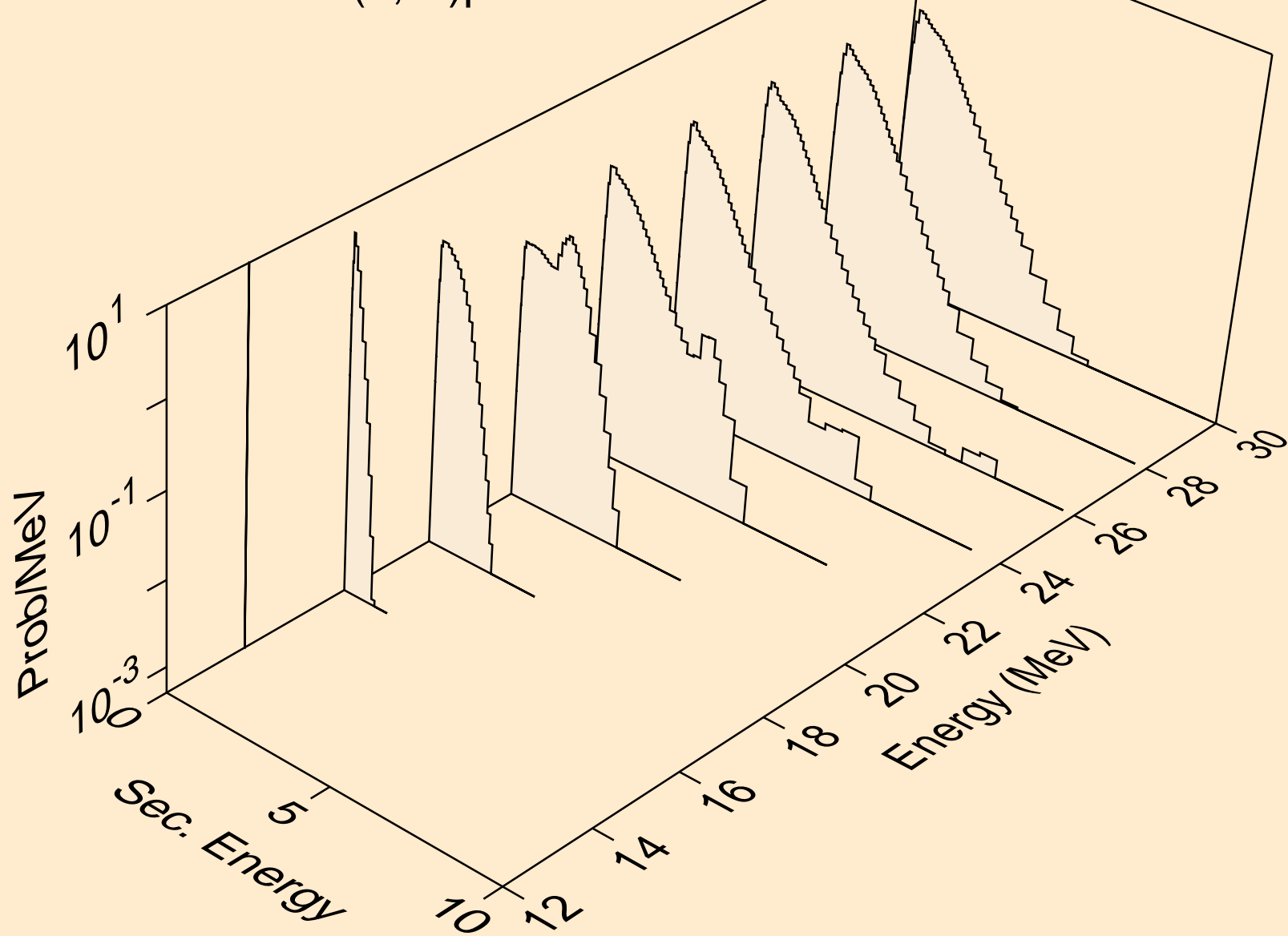
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

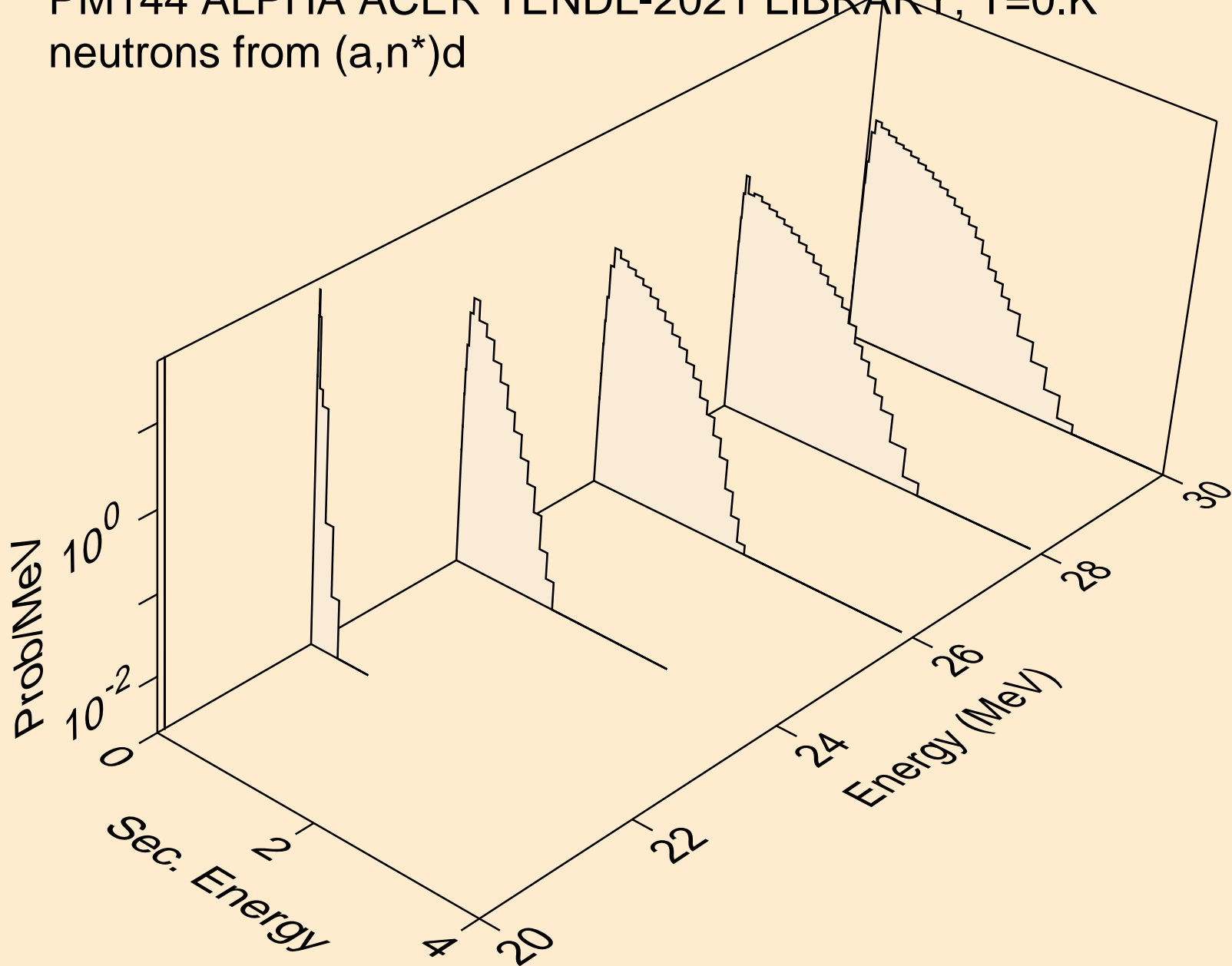


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

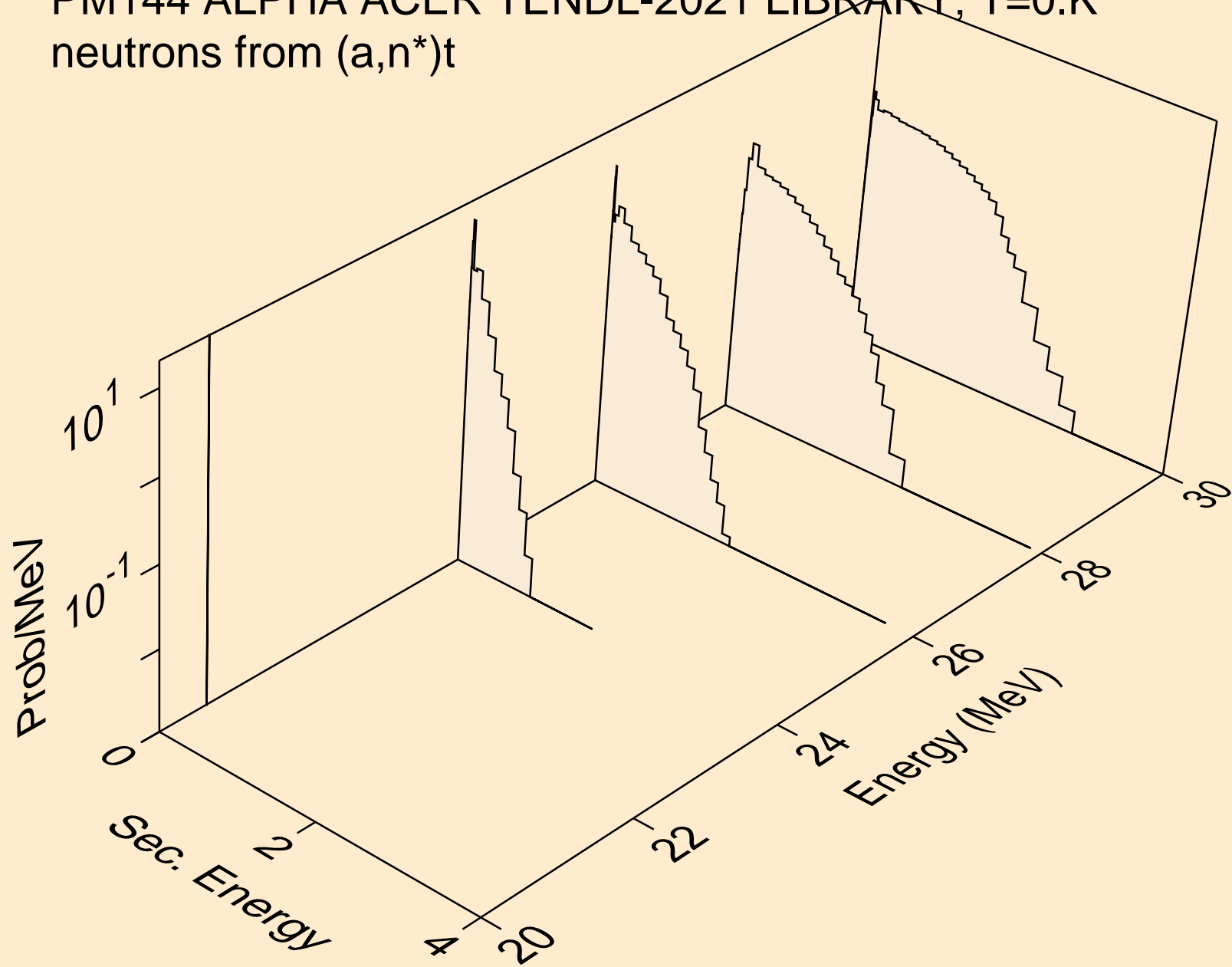




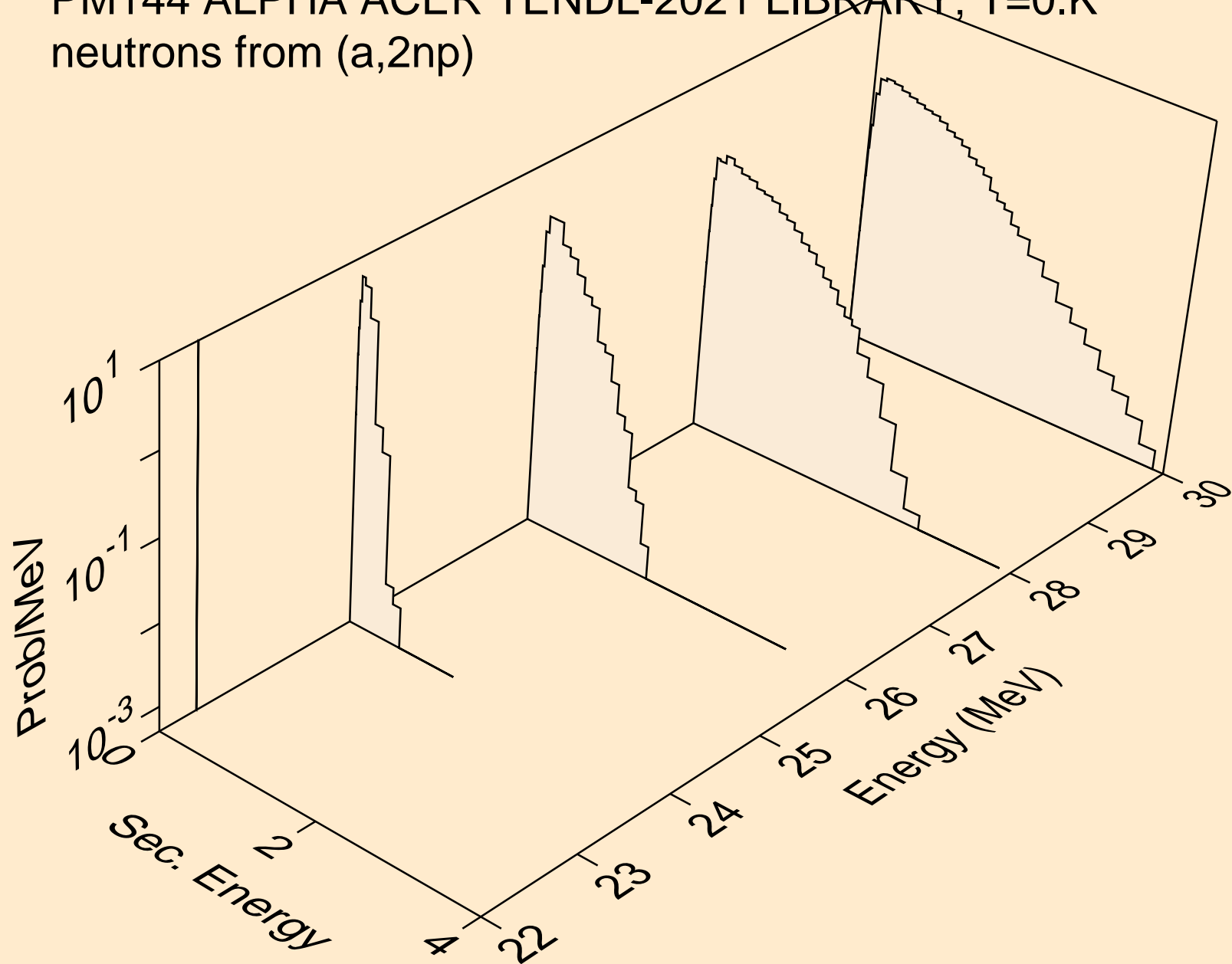
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



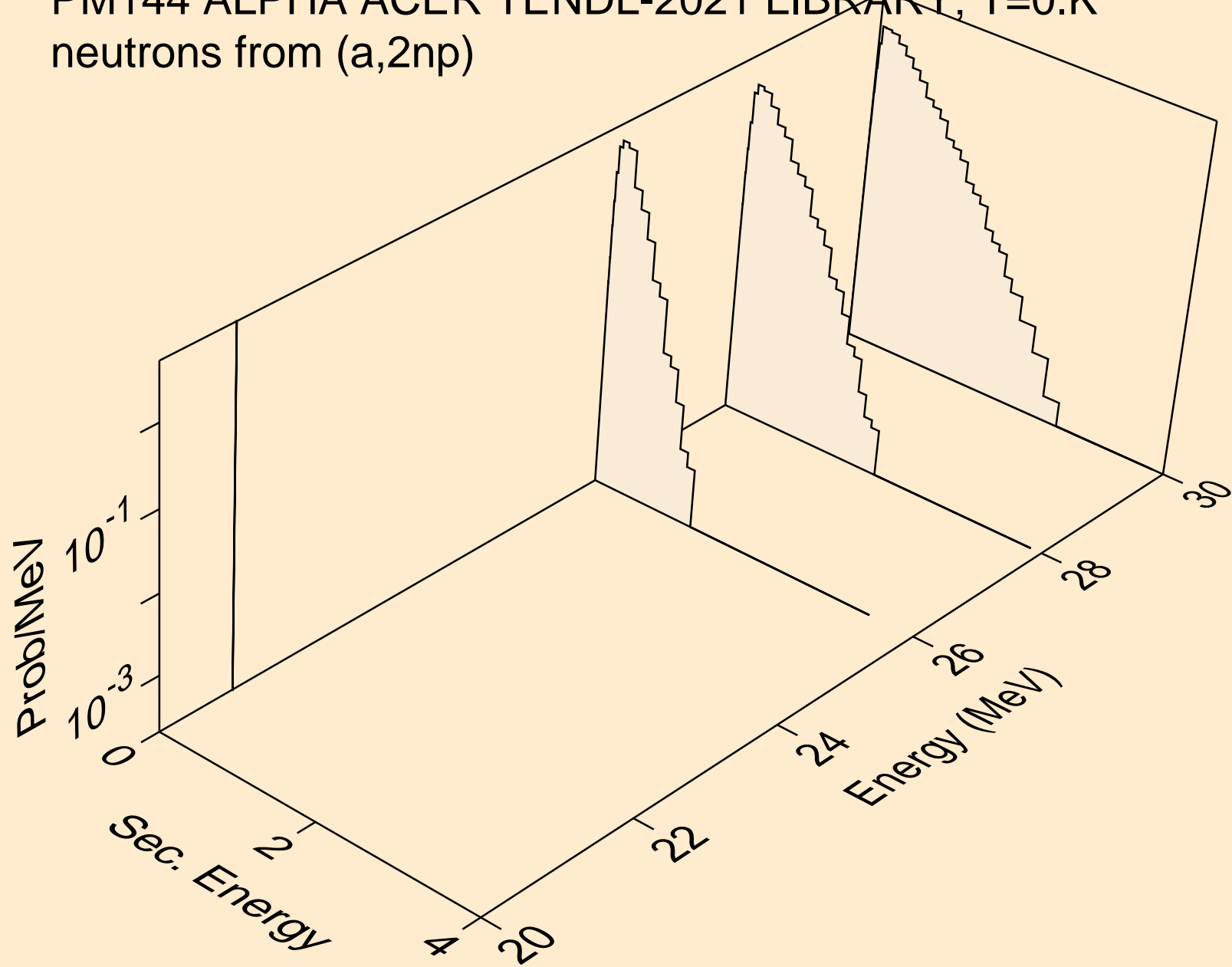
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



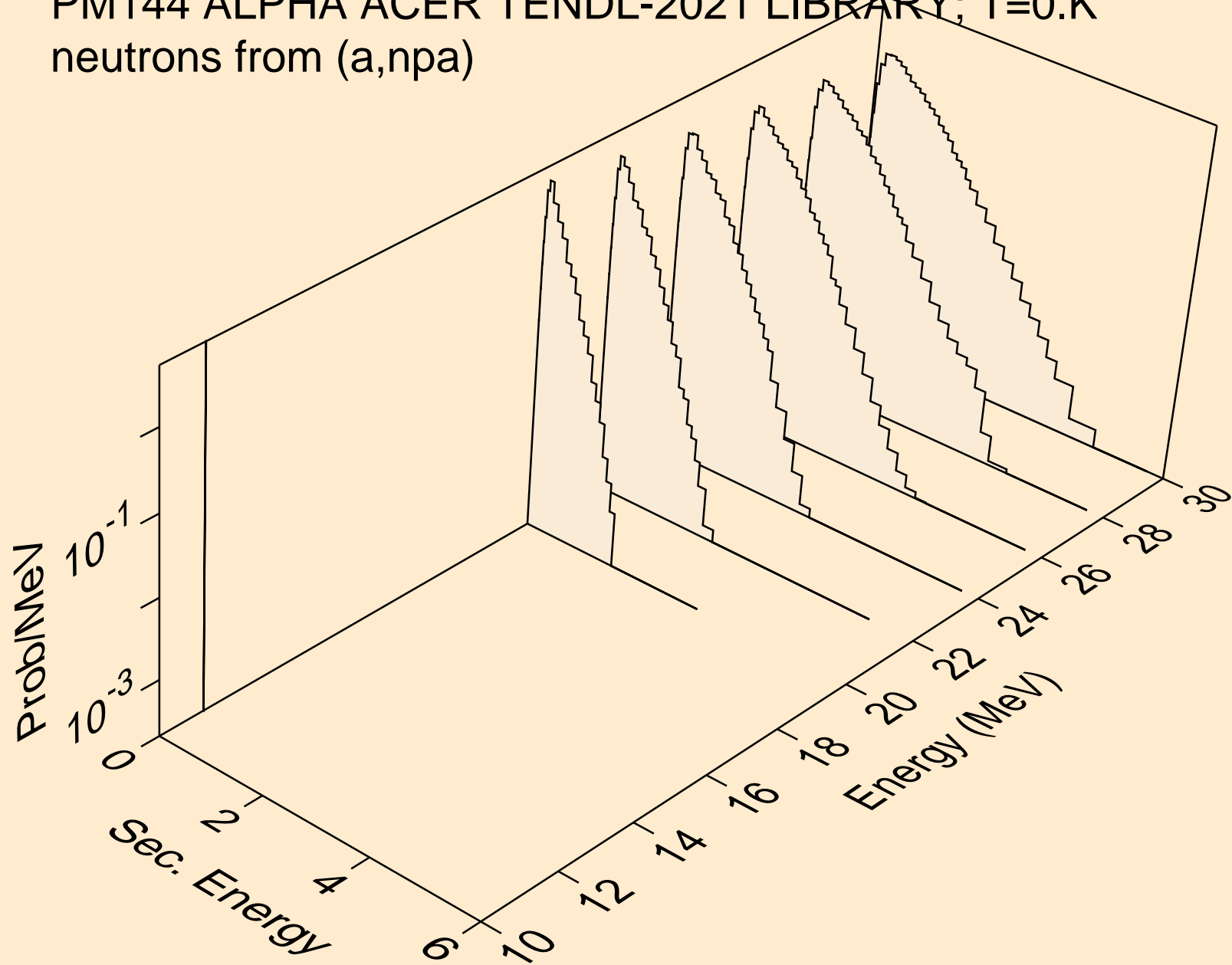
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



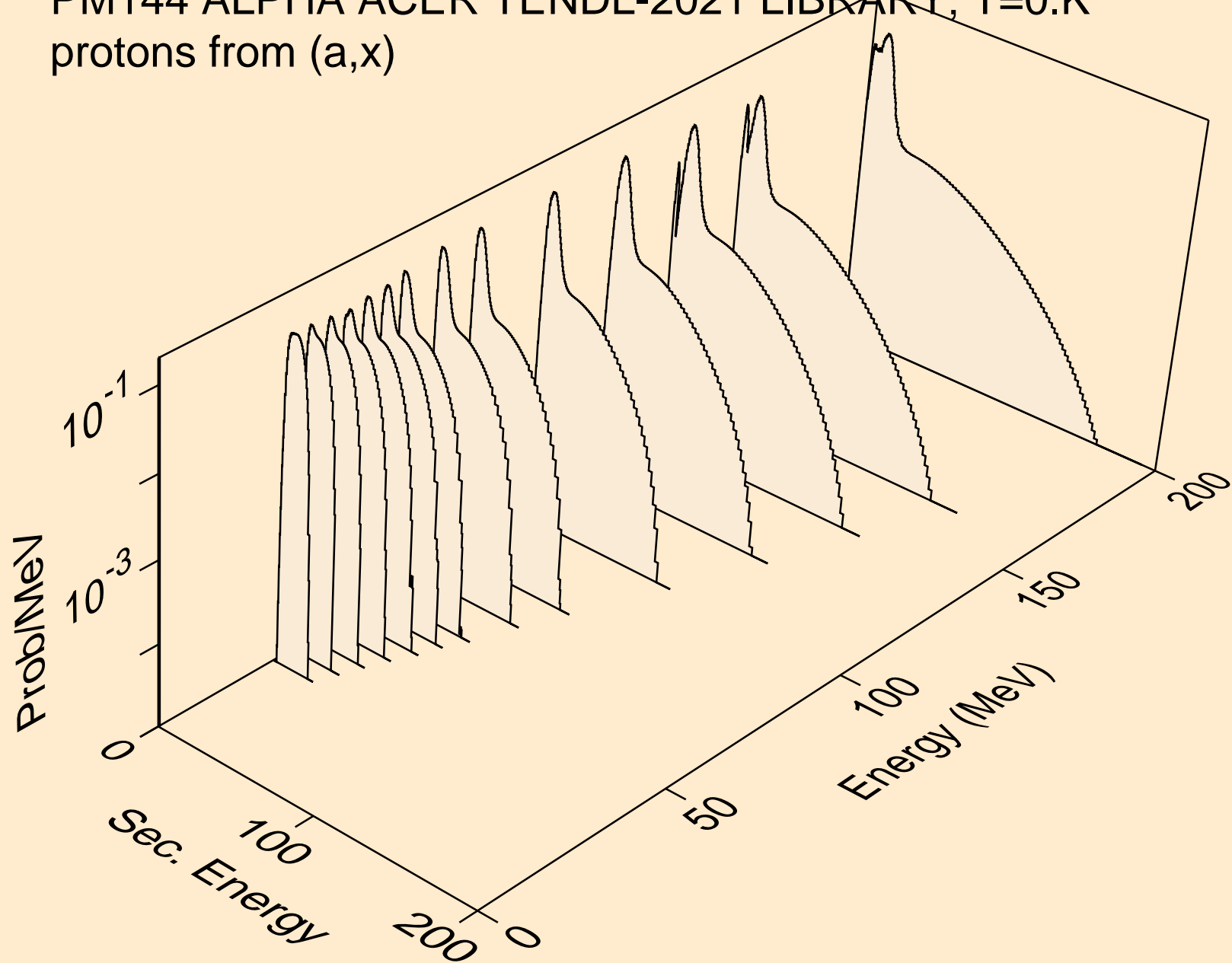
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



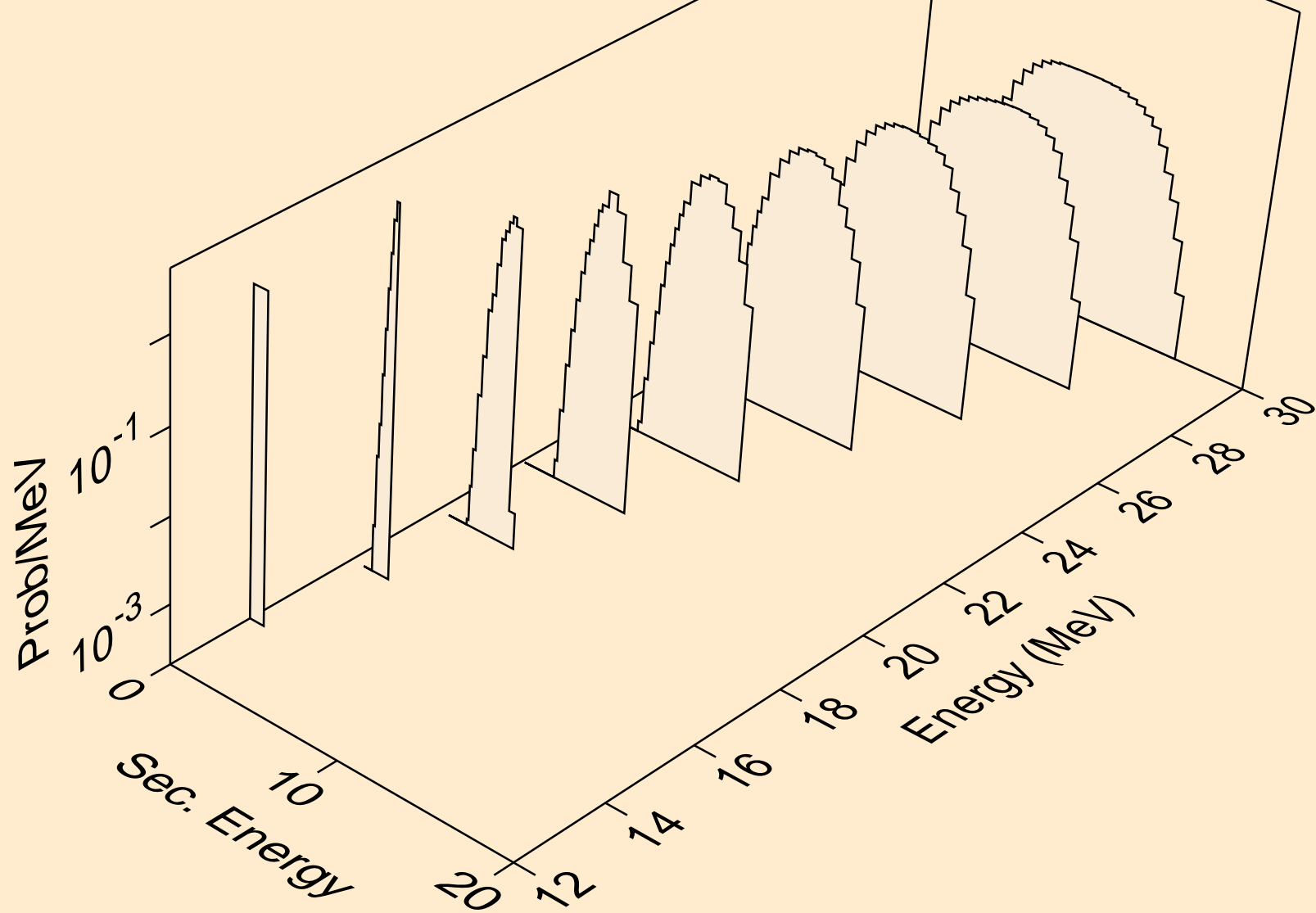
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



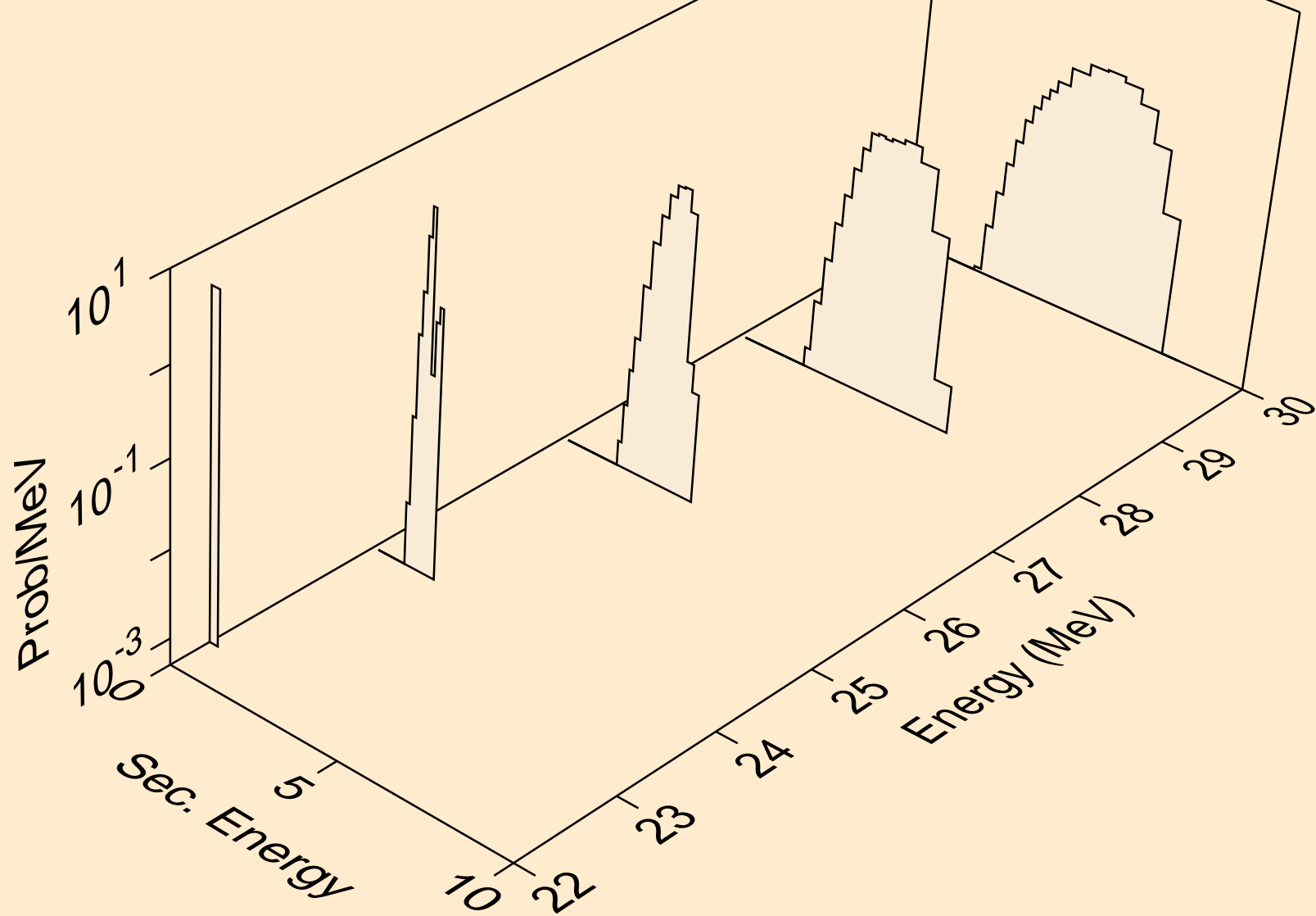
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

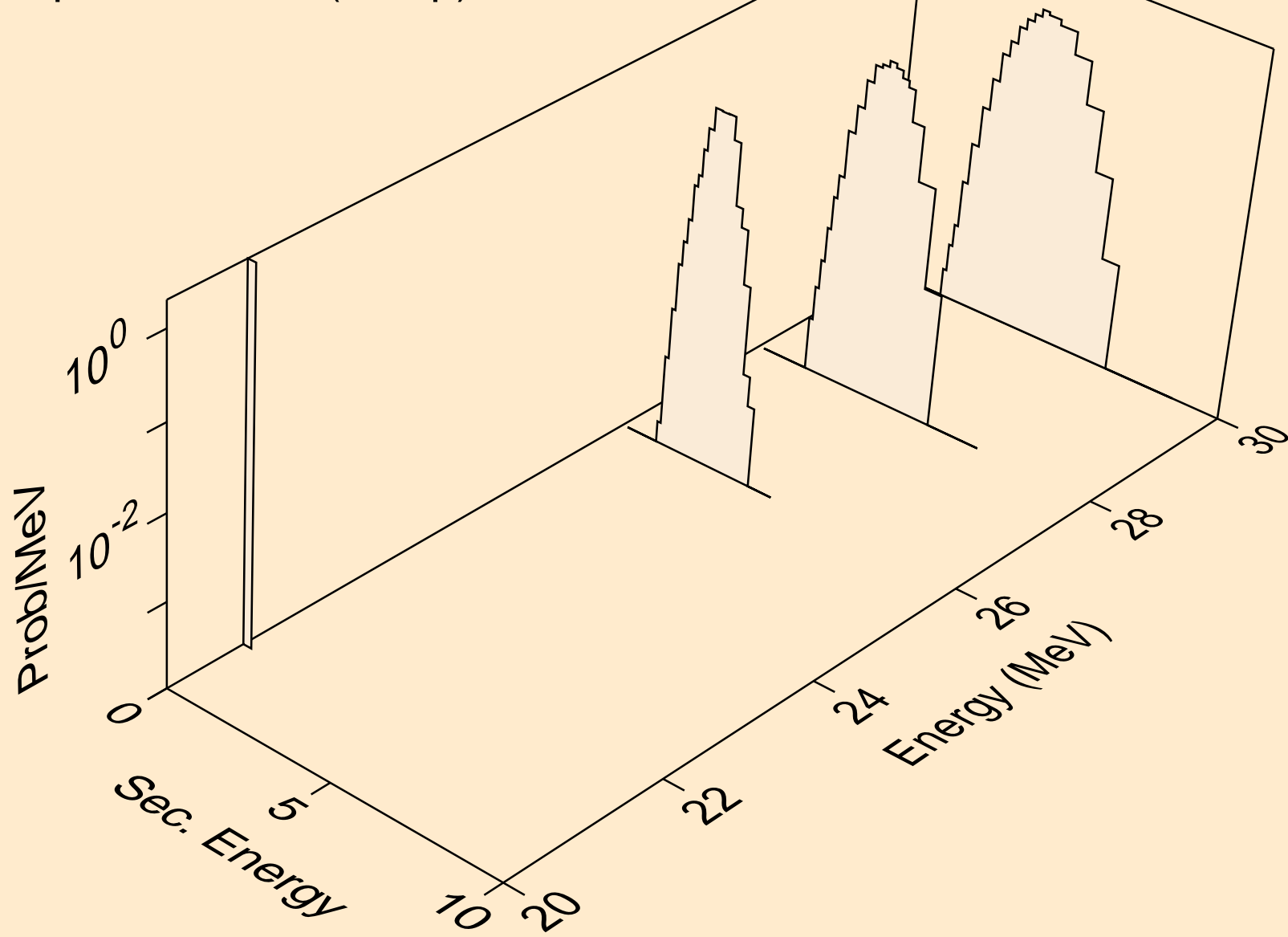


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

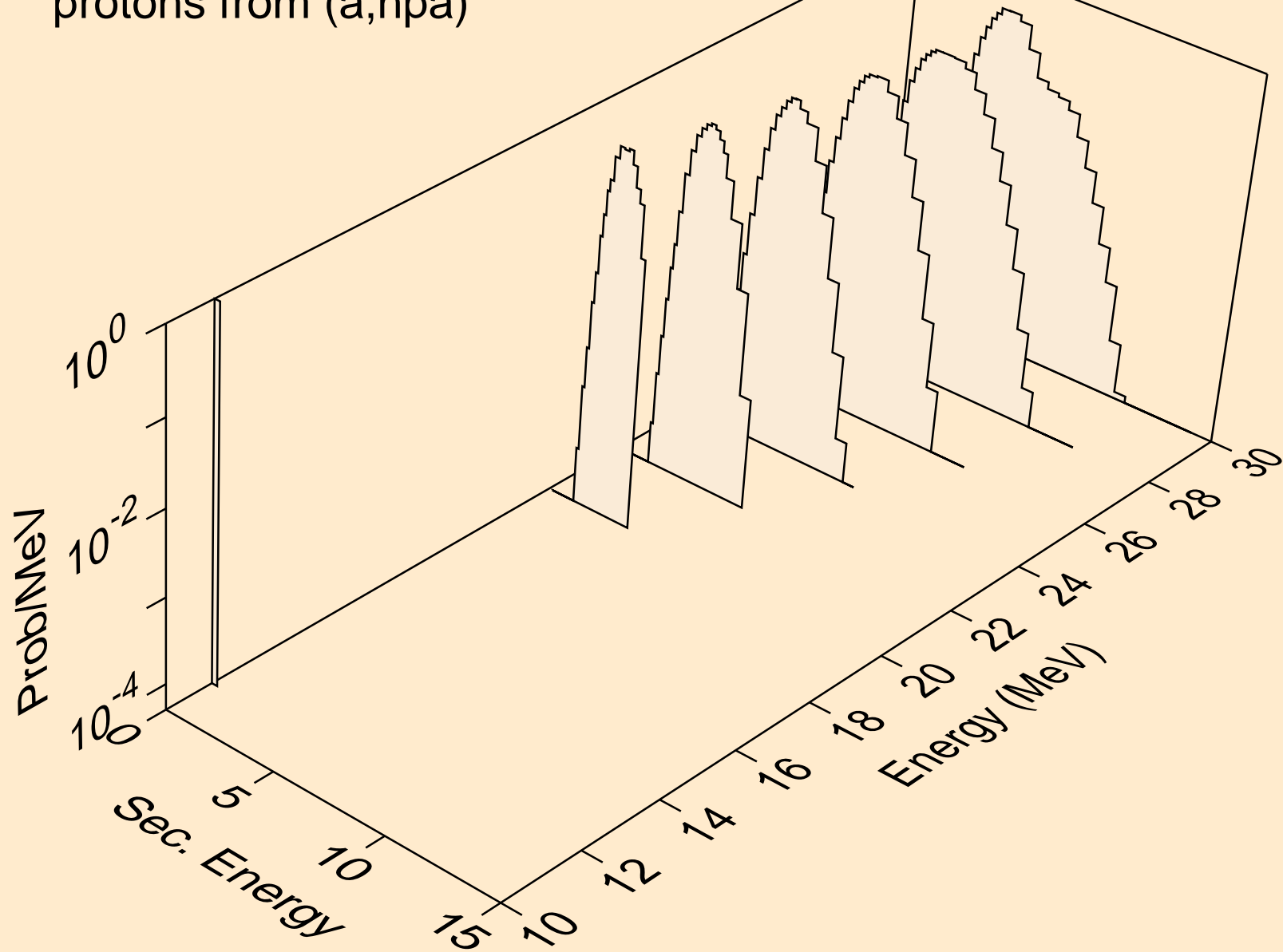




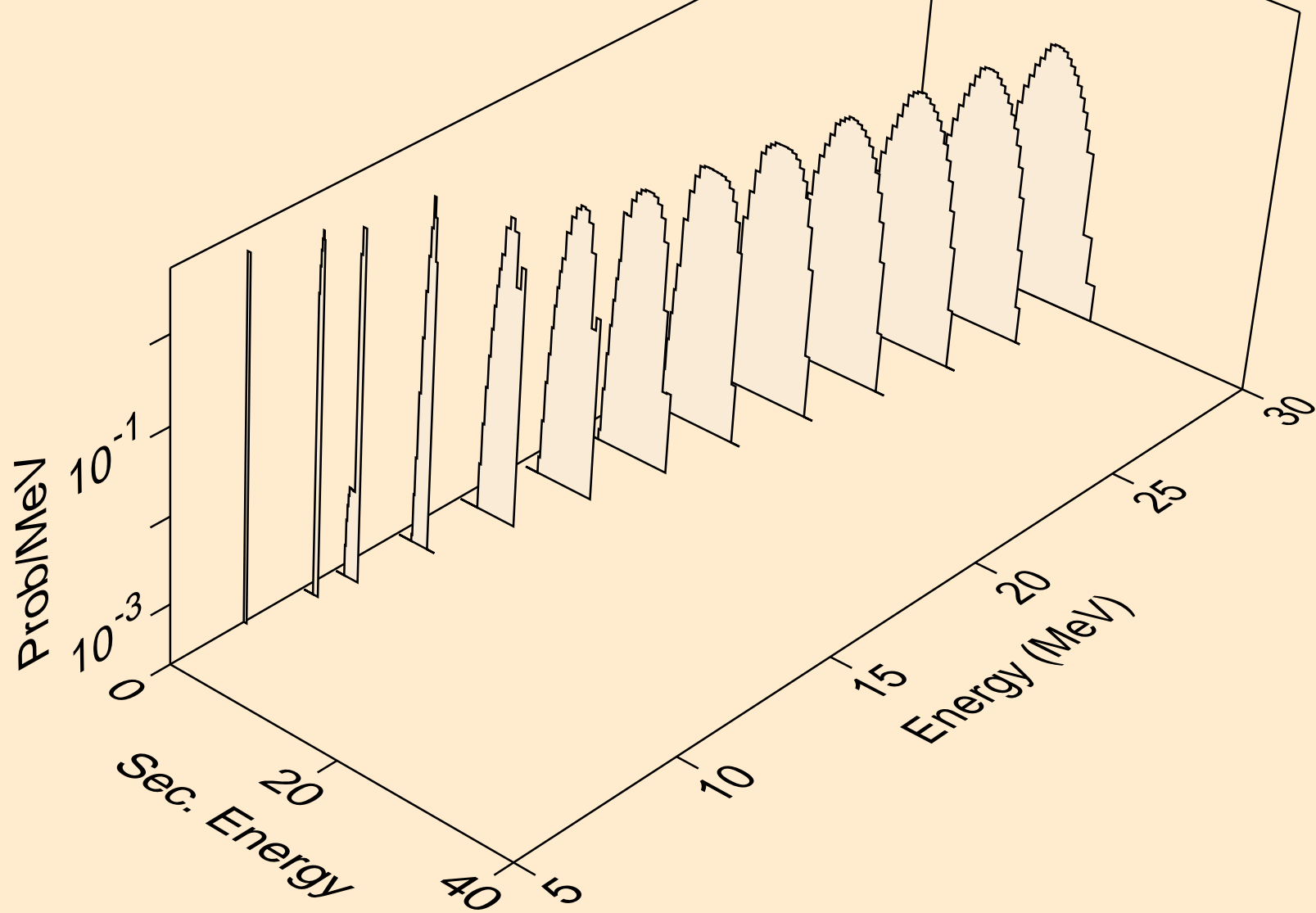
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



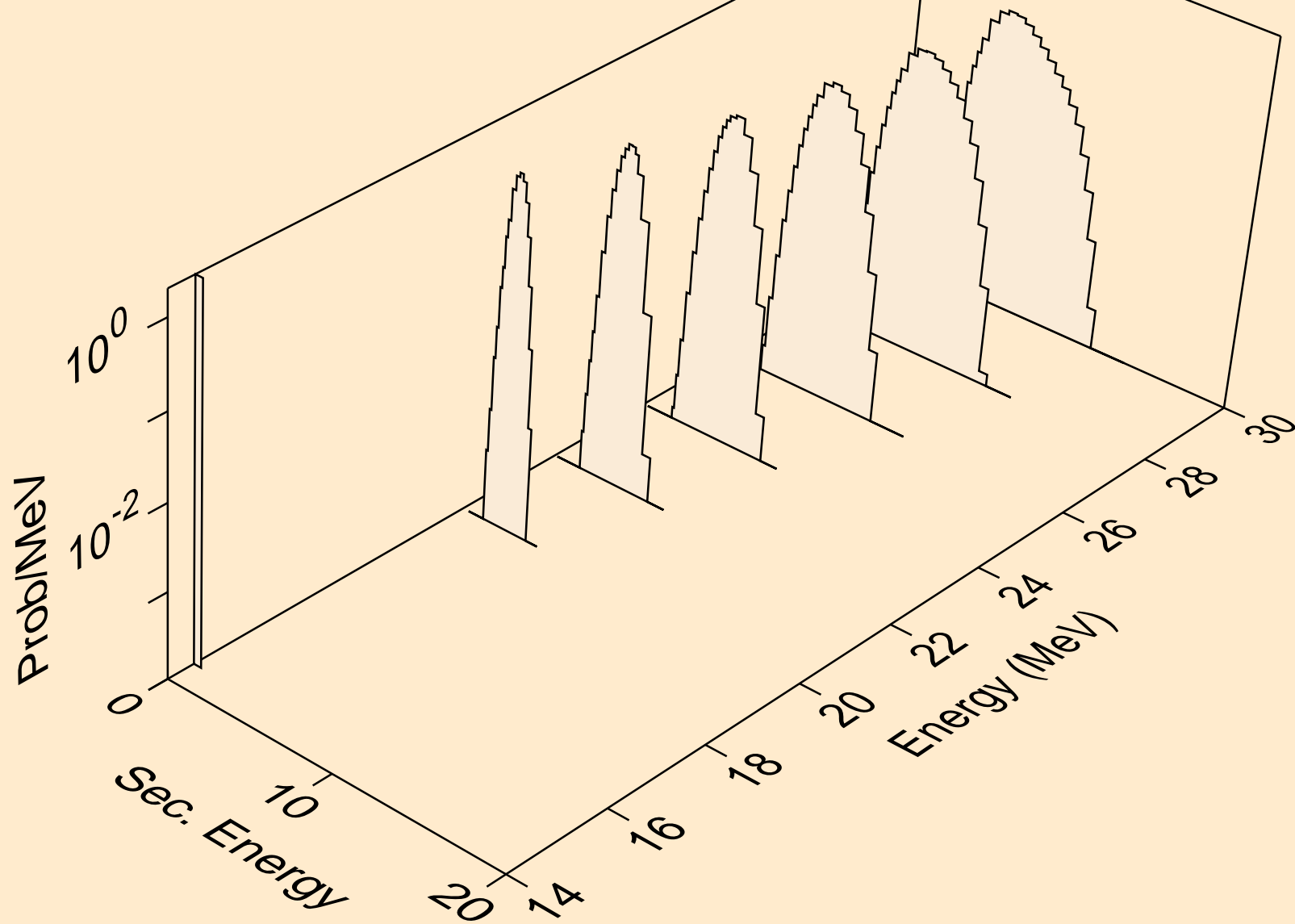
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



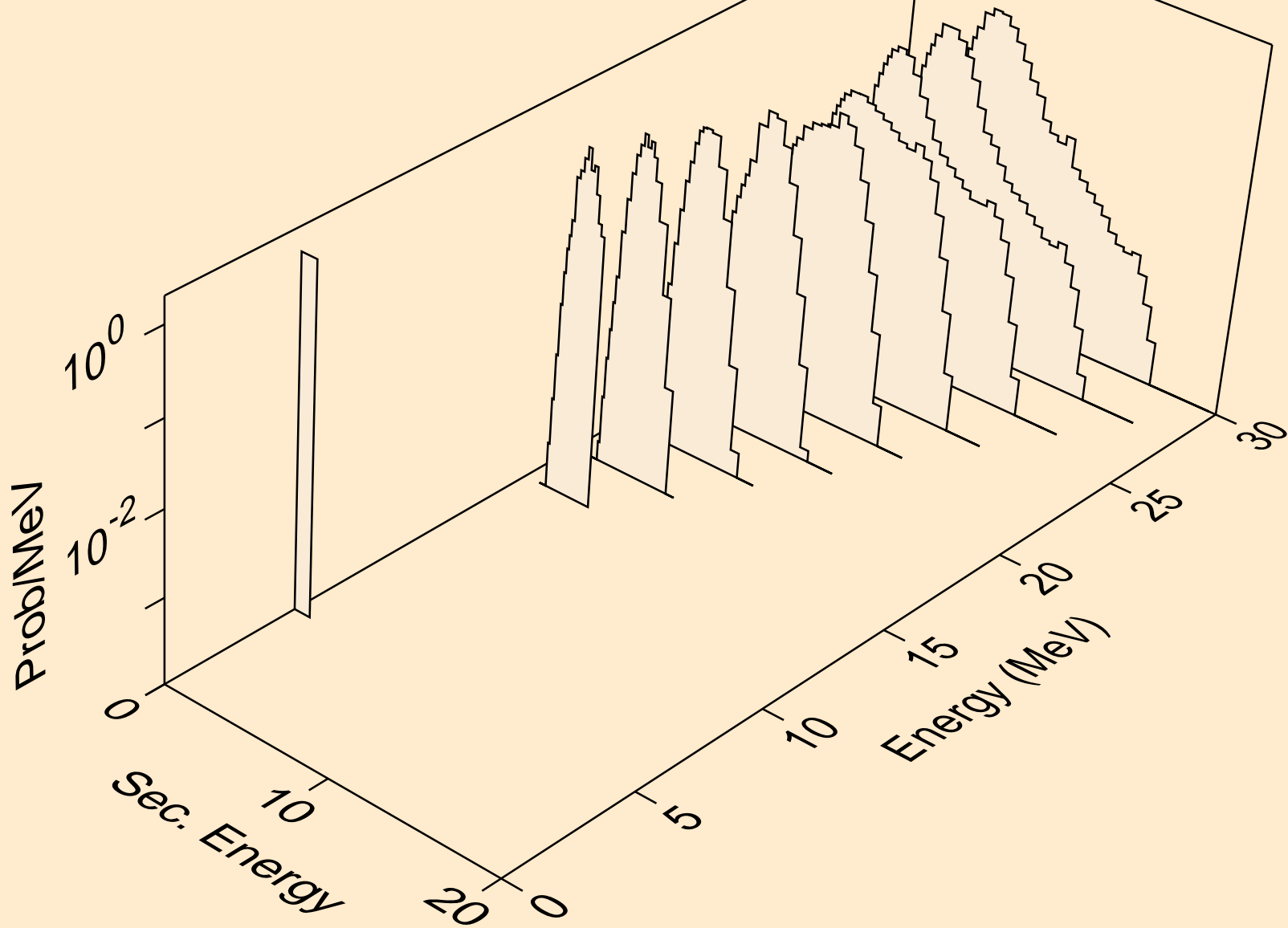
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



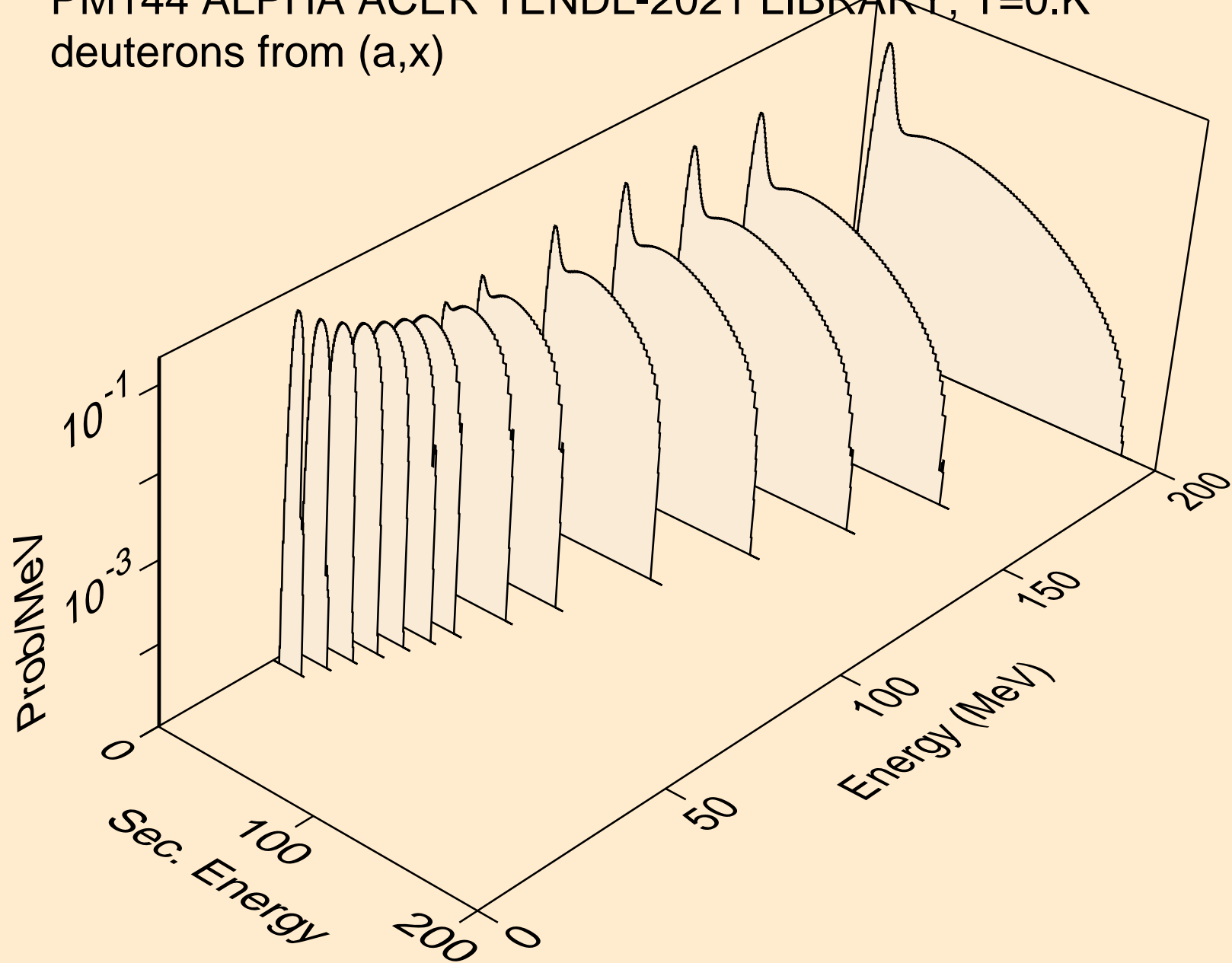
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



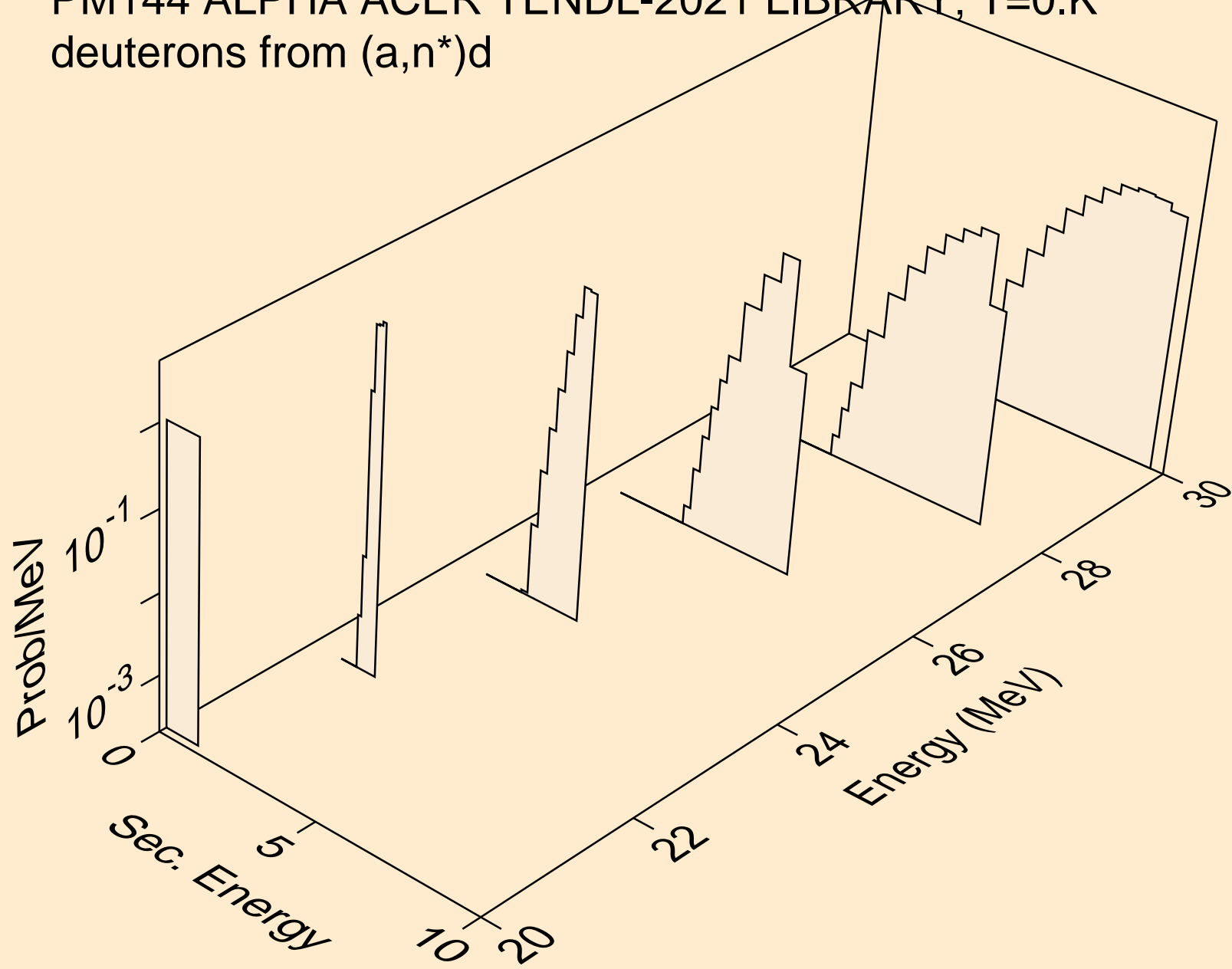
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



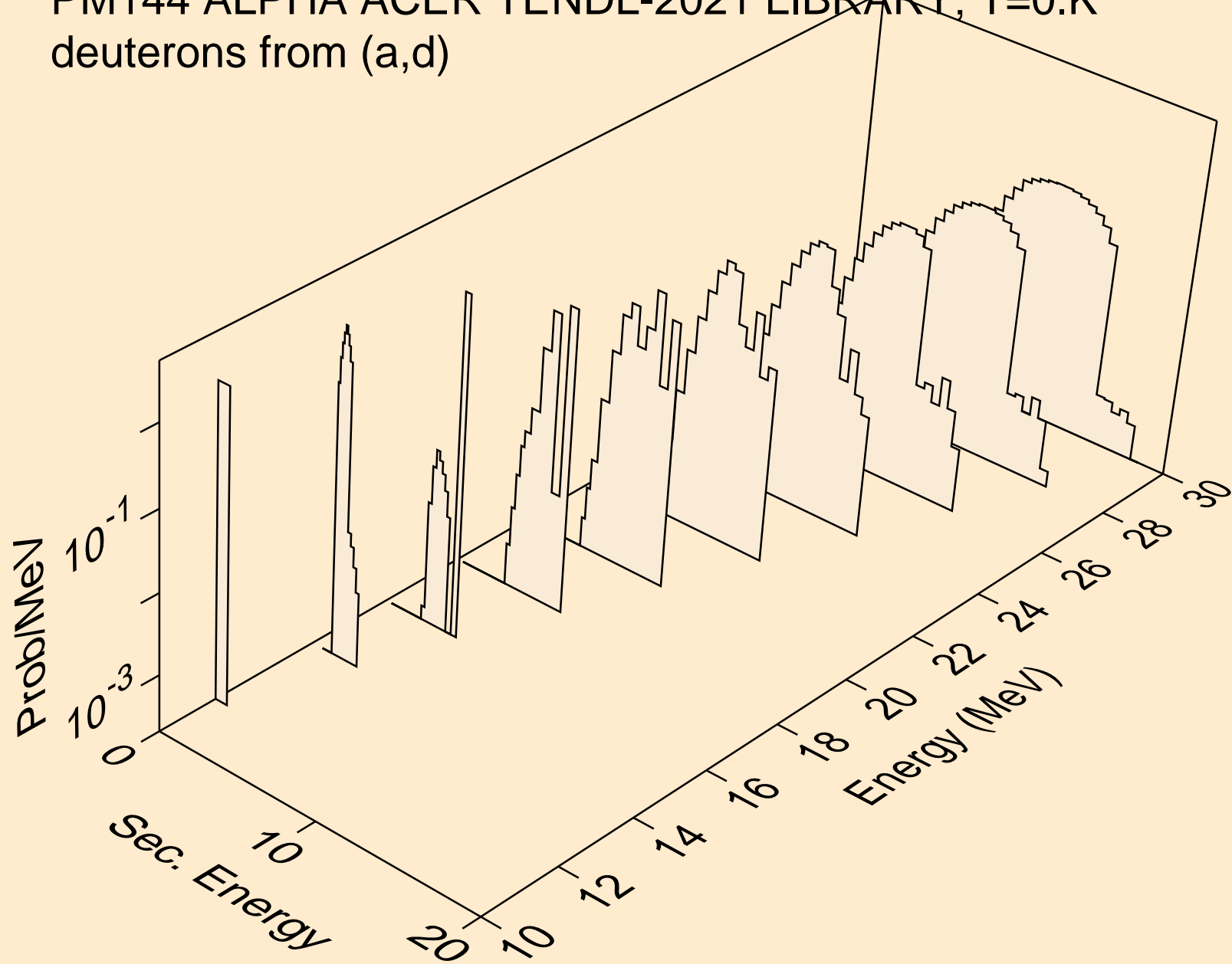
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

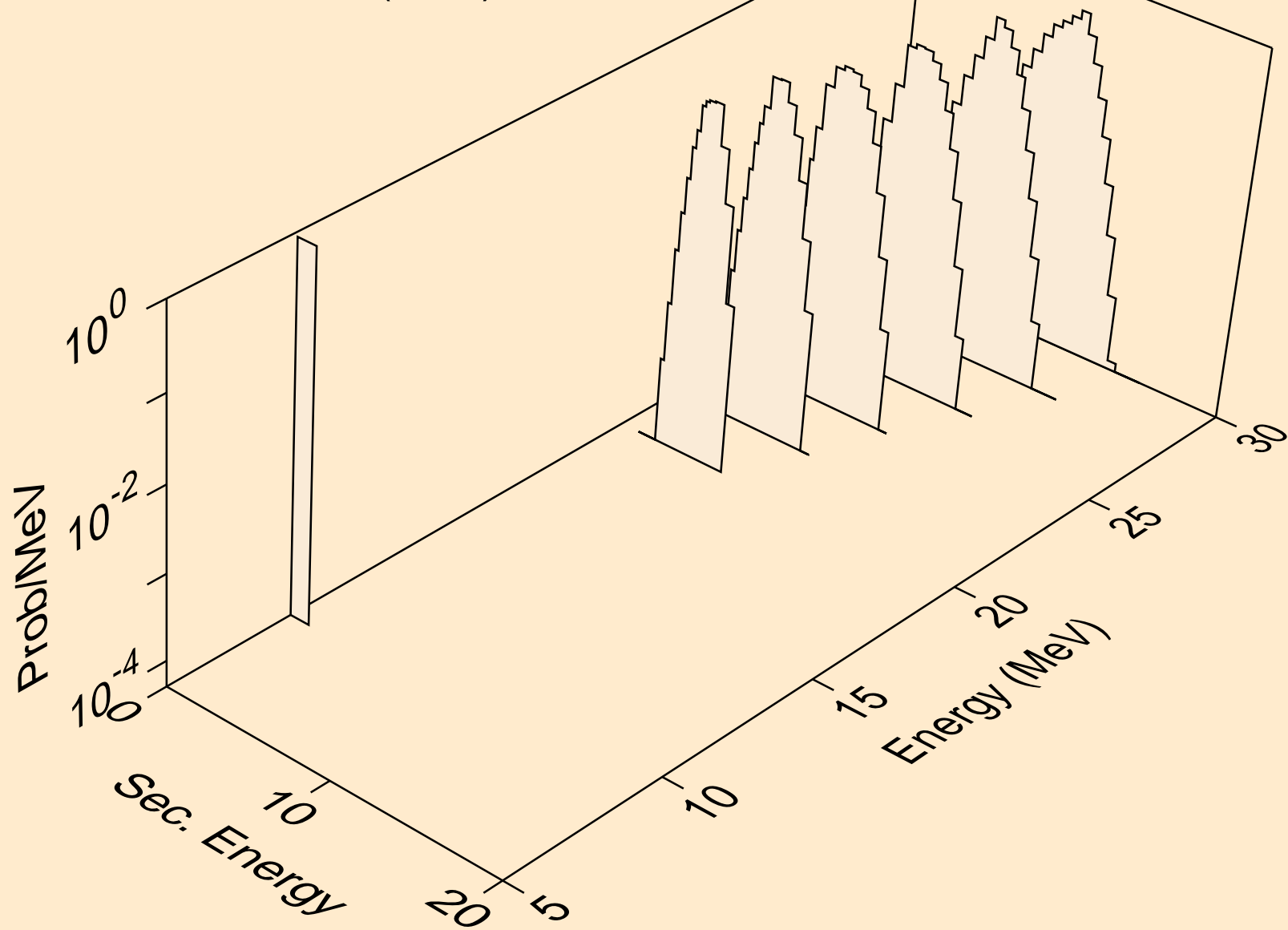


PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

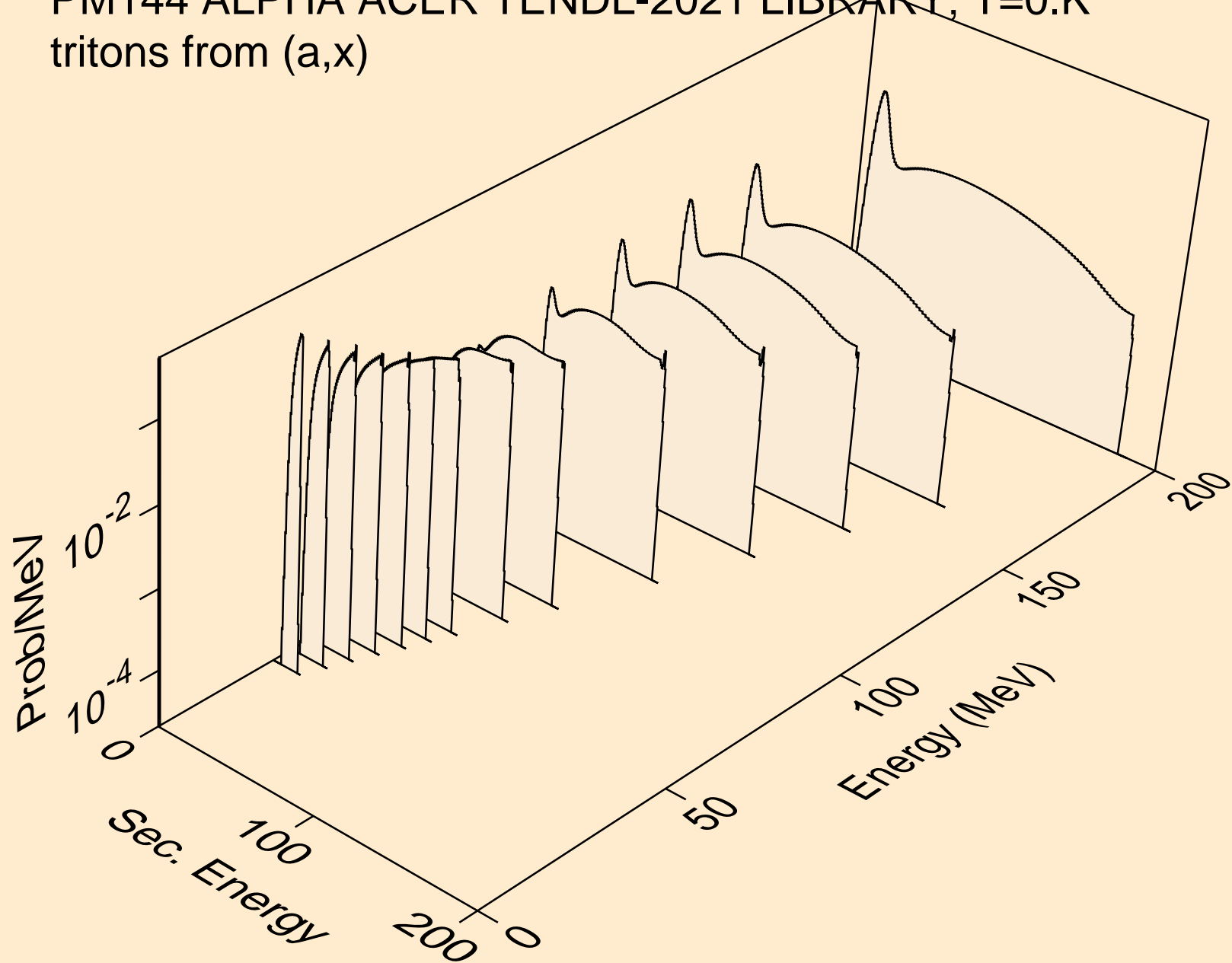




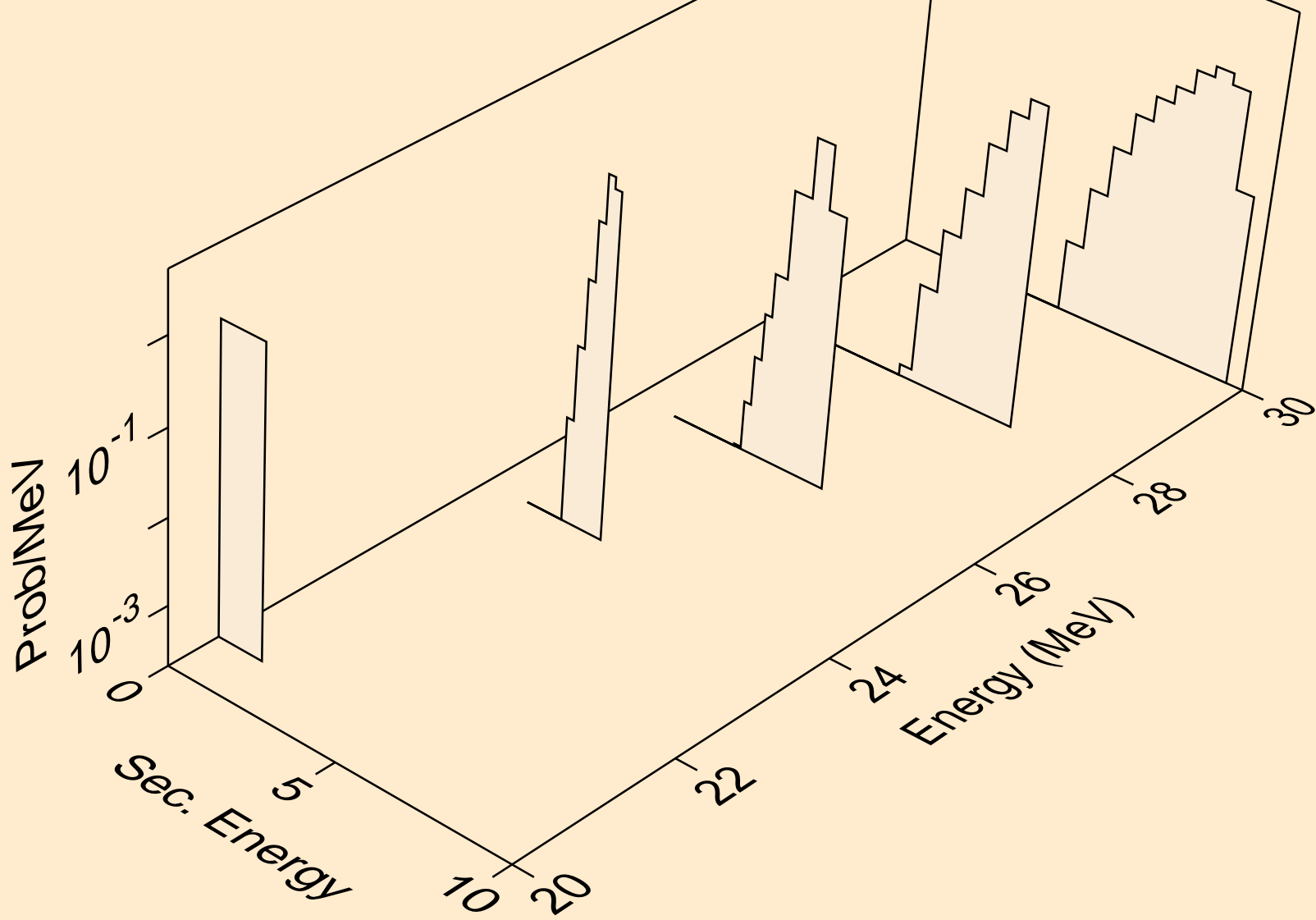
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



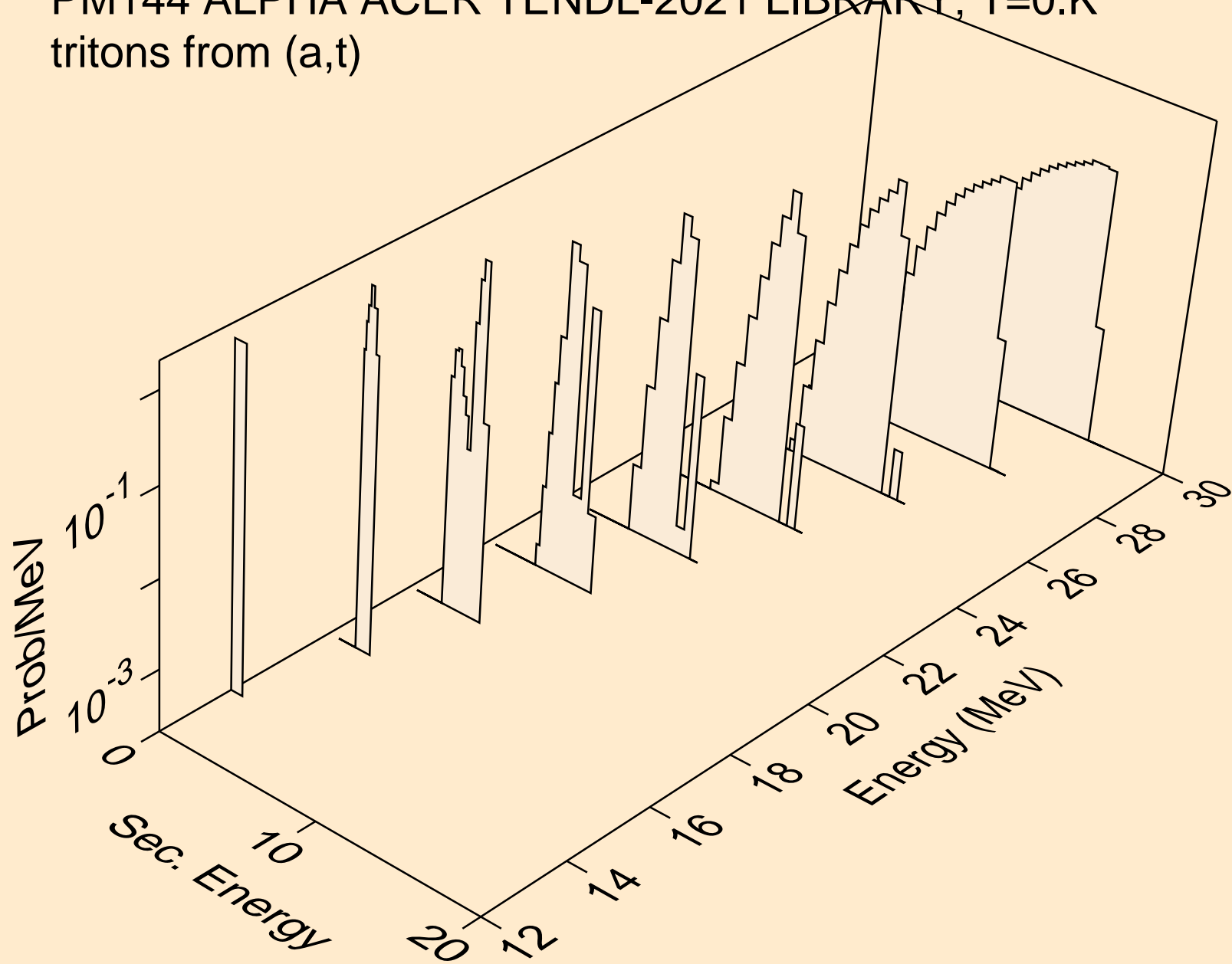
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



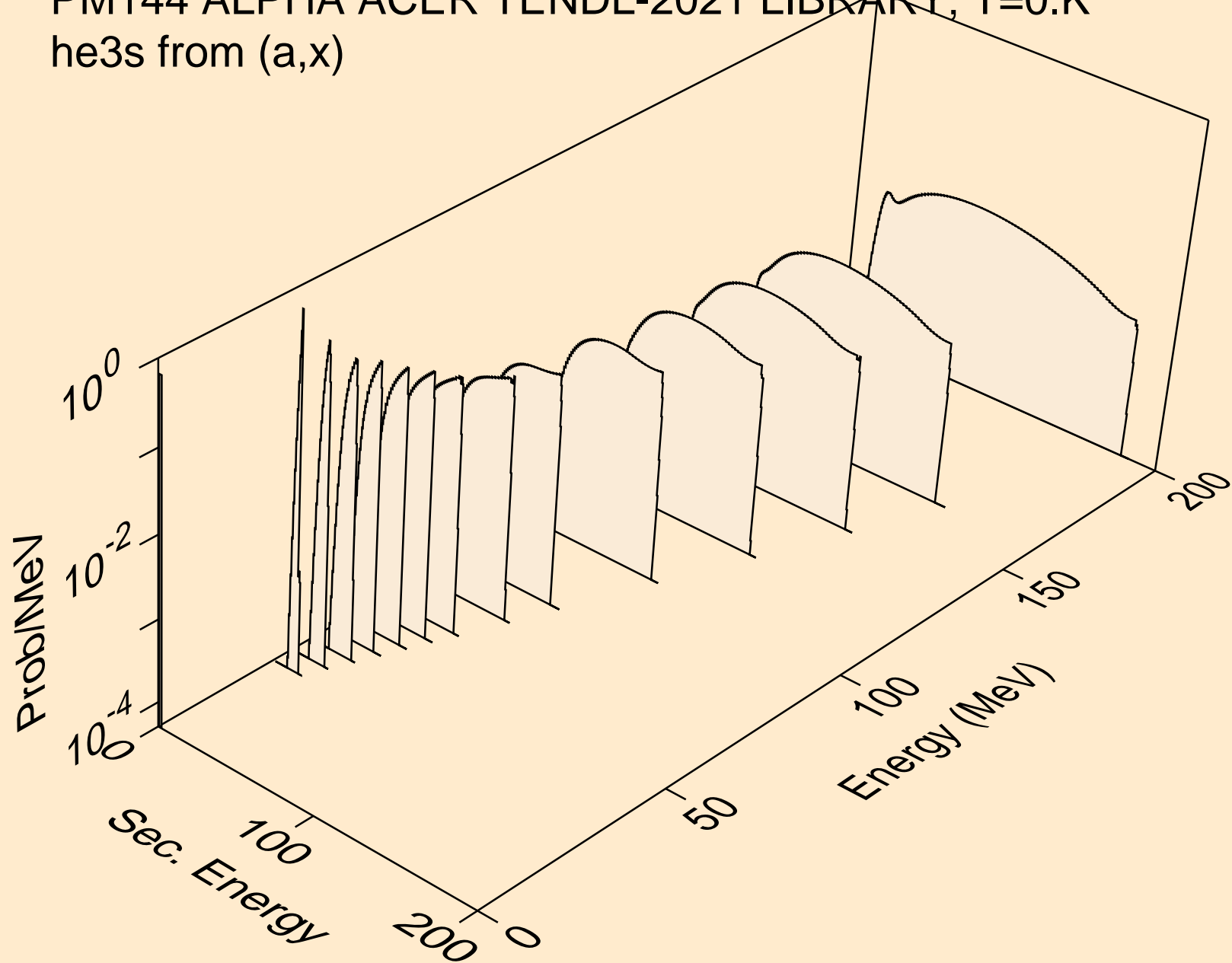
PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



PM144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

