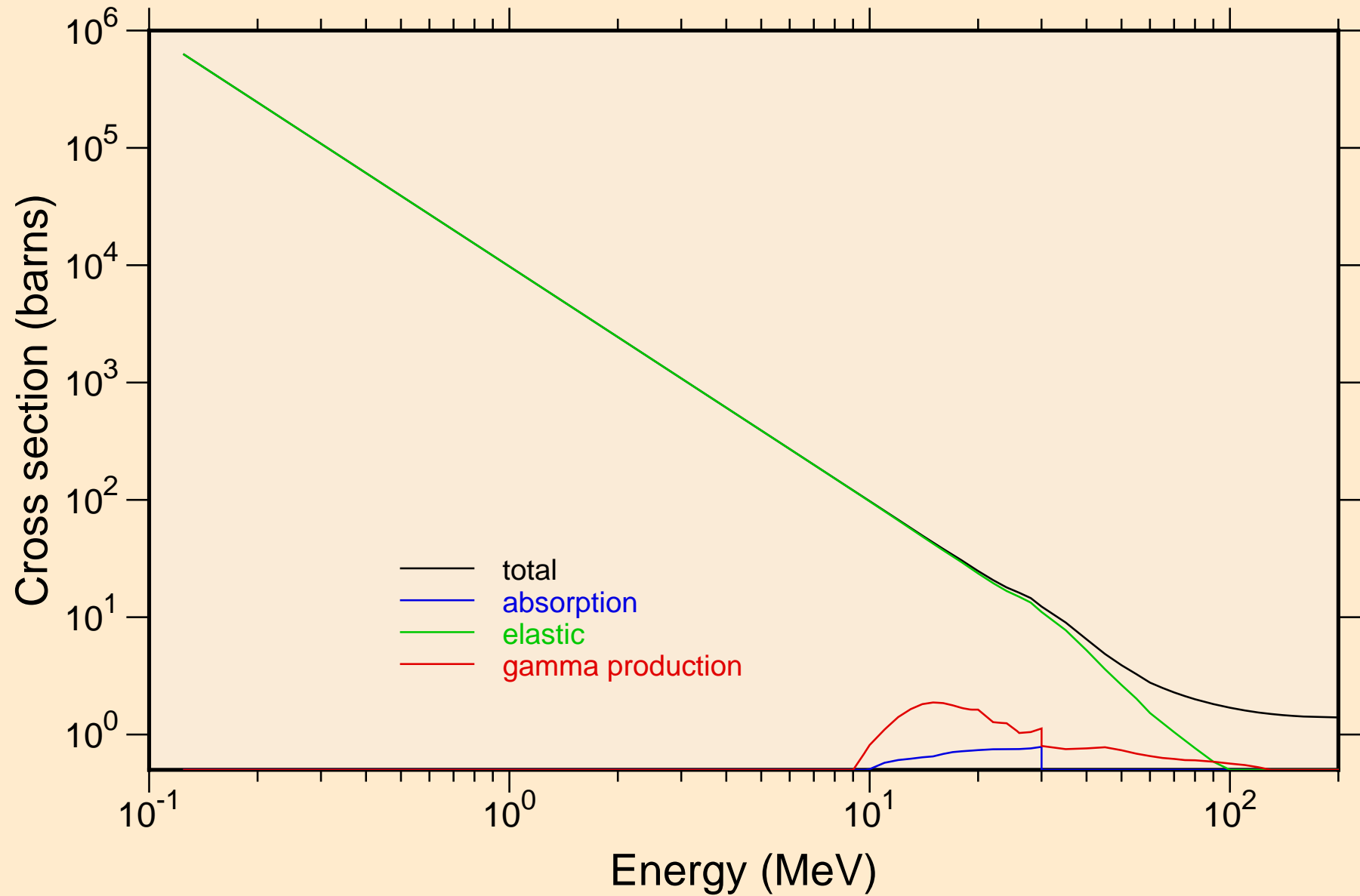


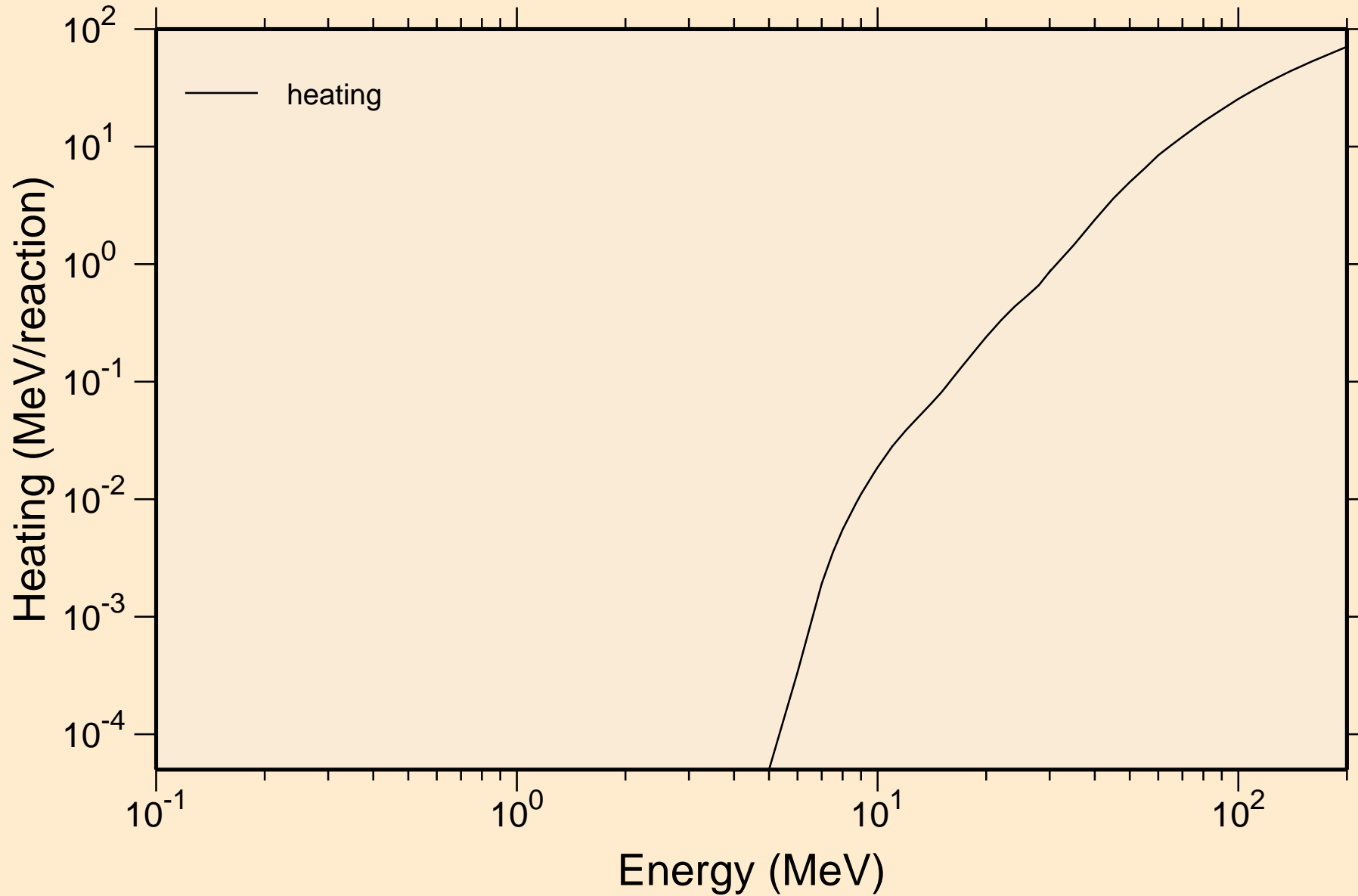
# AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



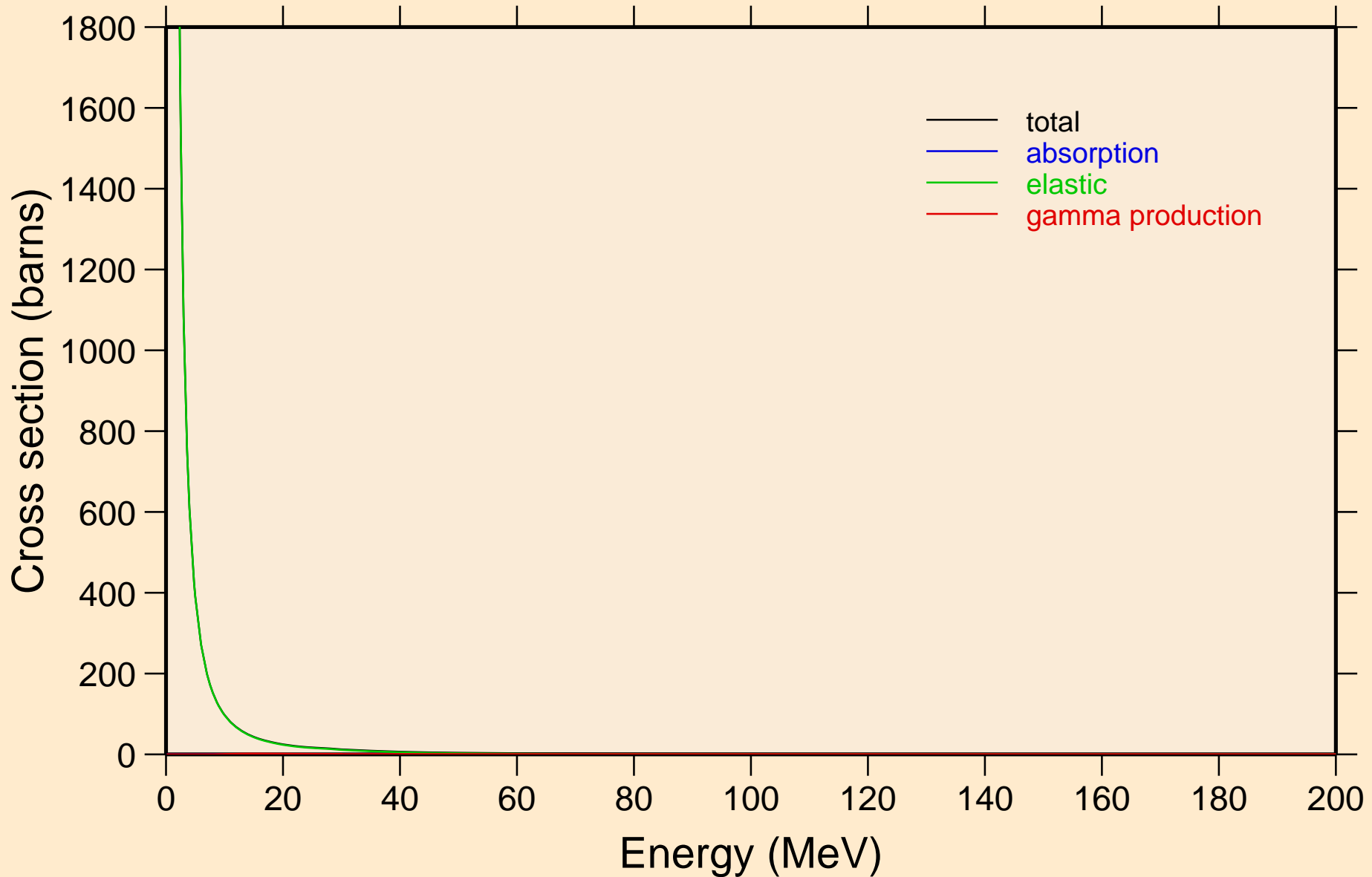
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



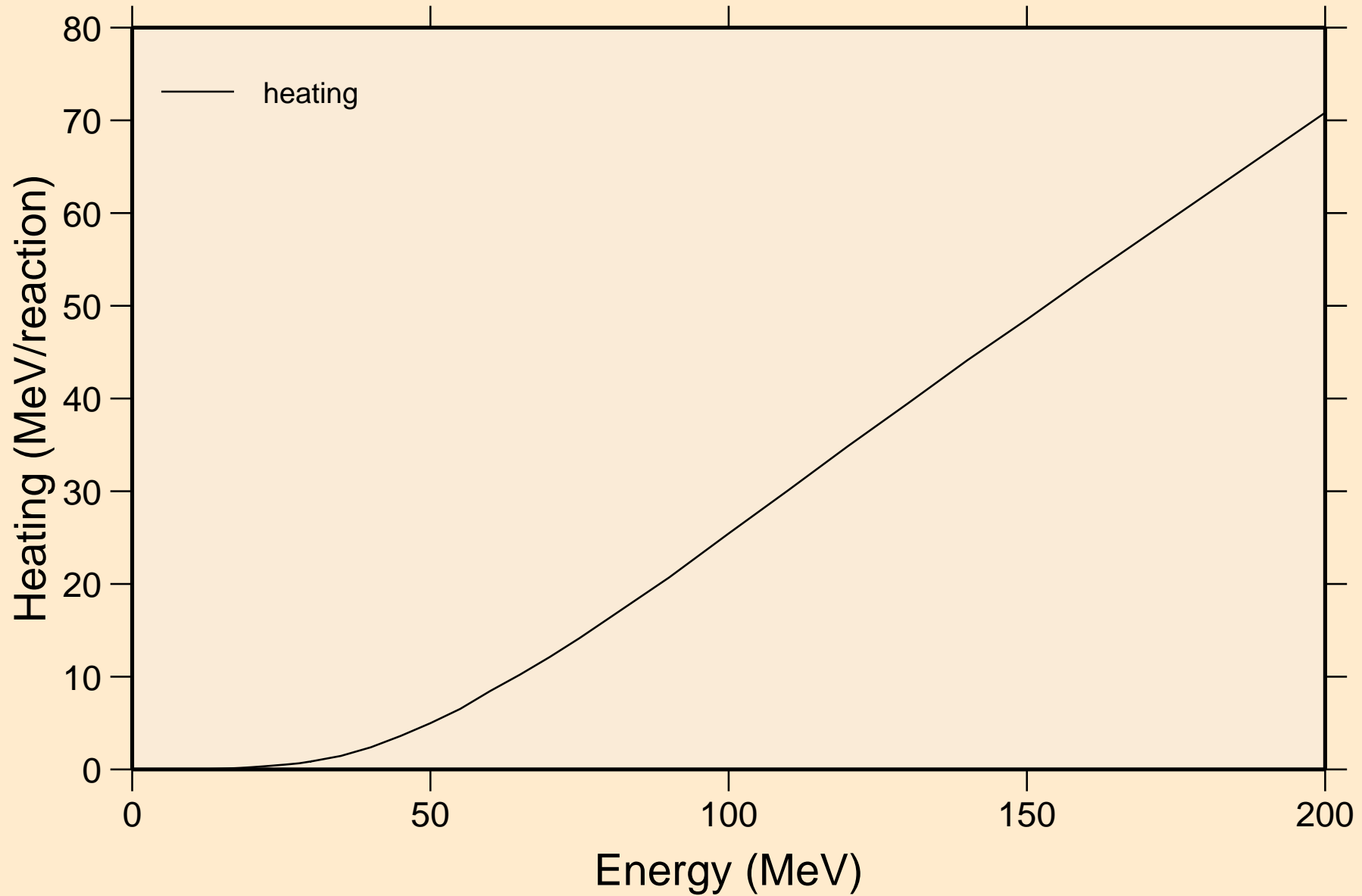
# AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

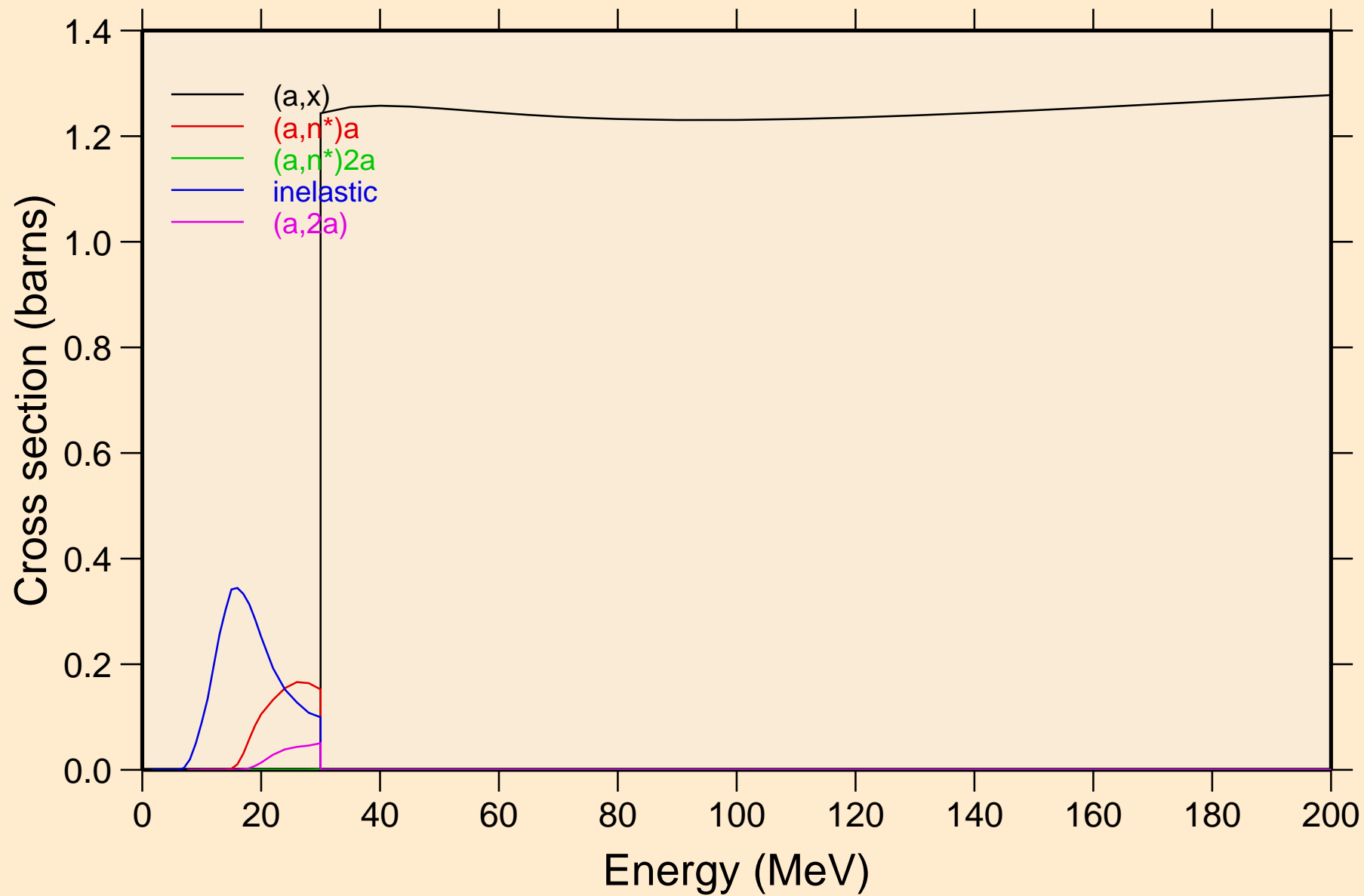


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

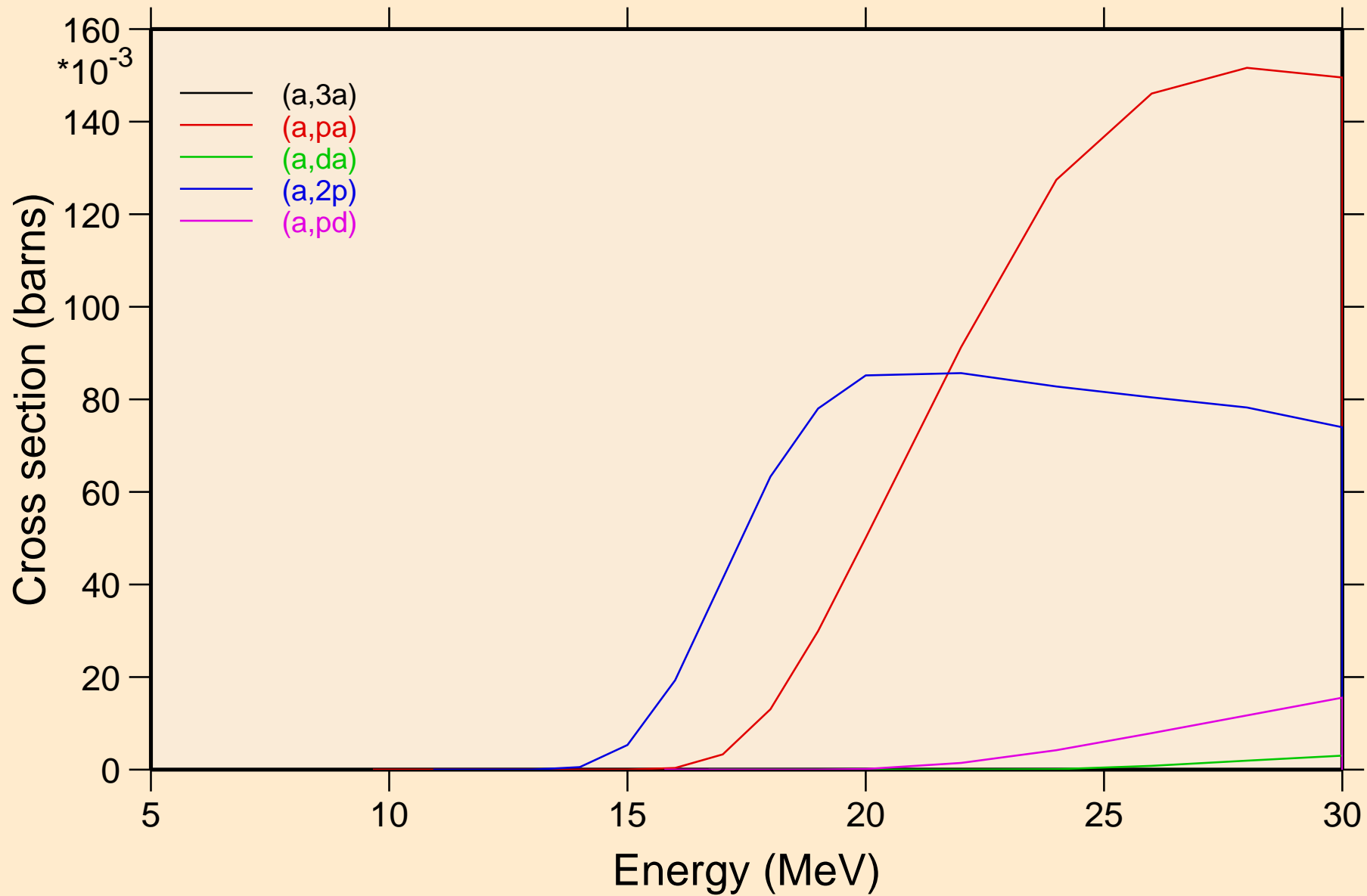
Heating



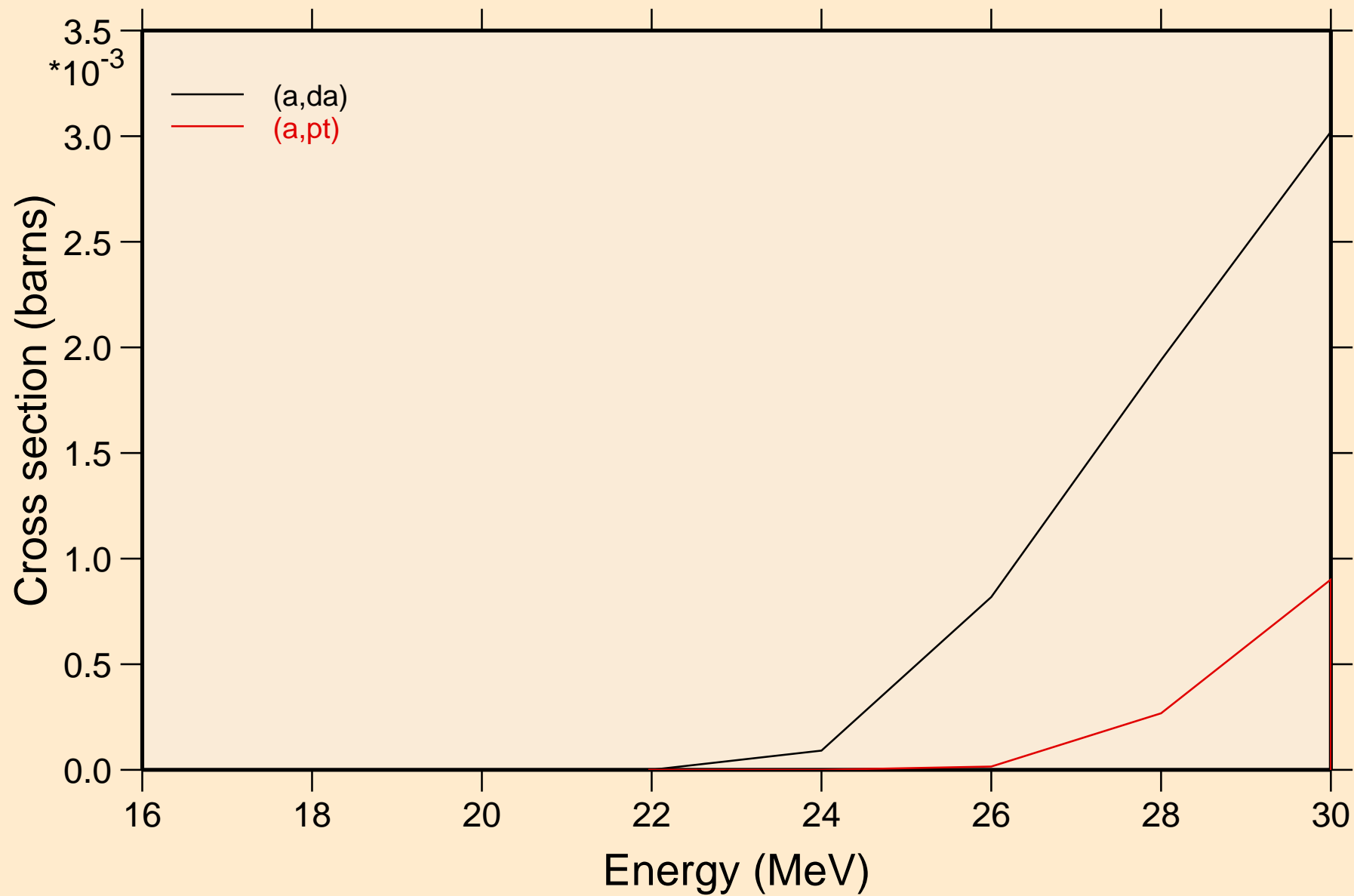
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



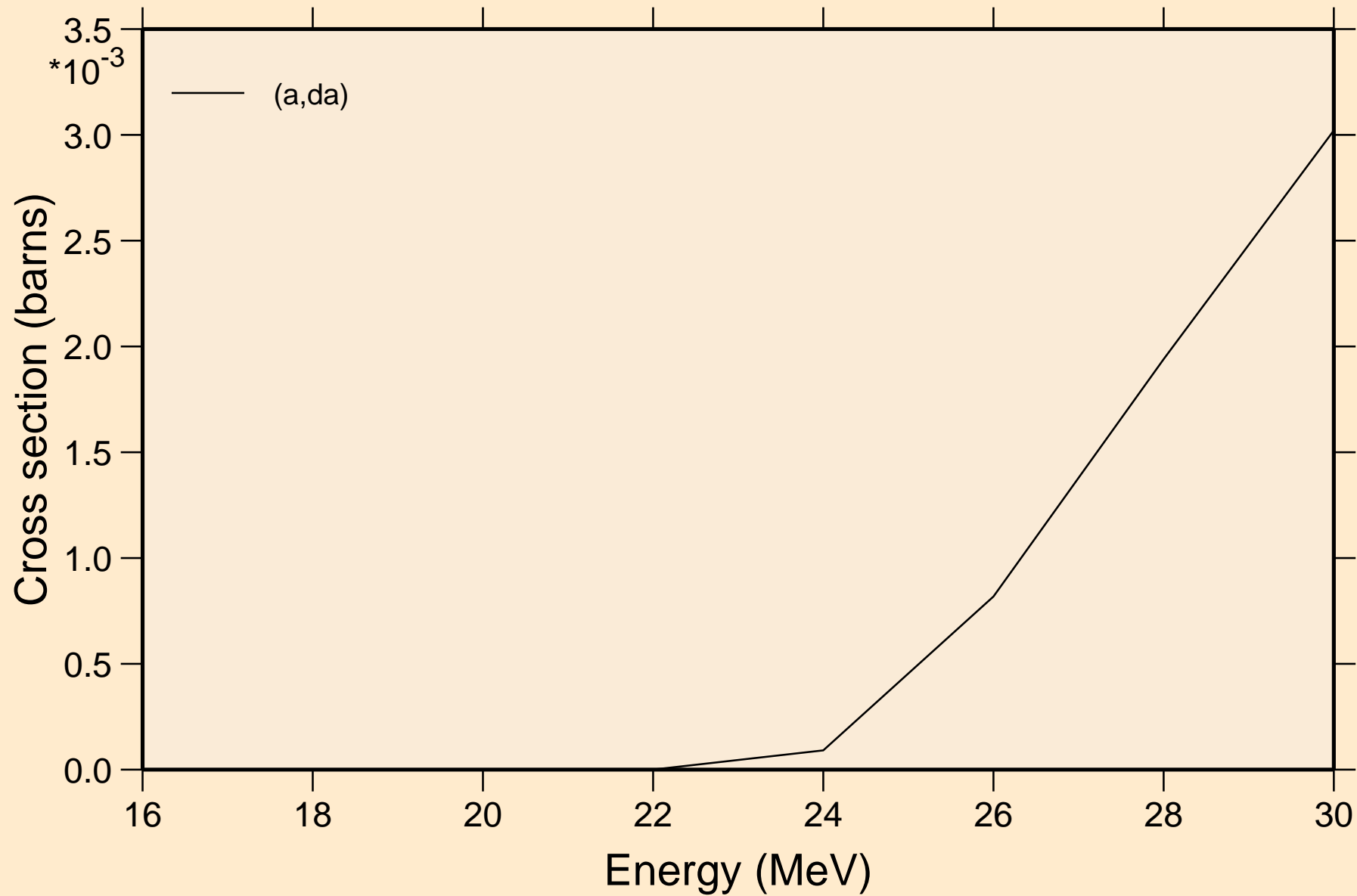
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

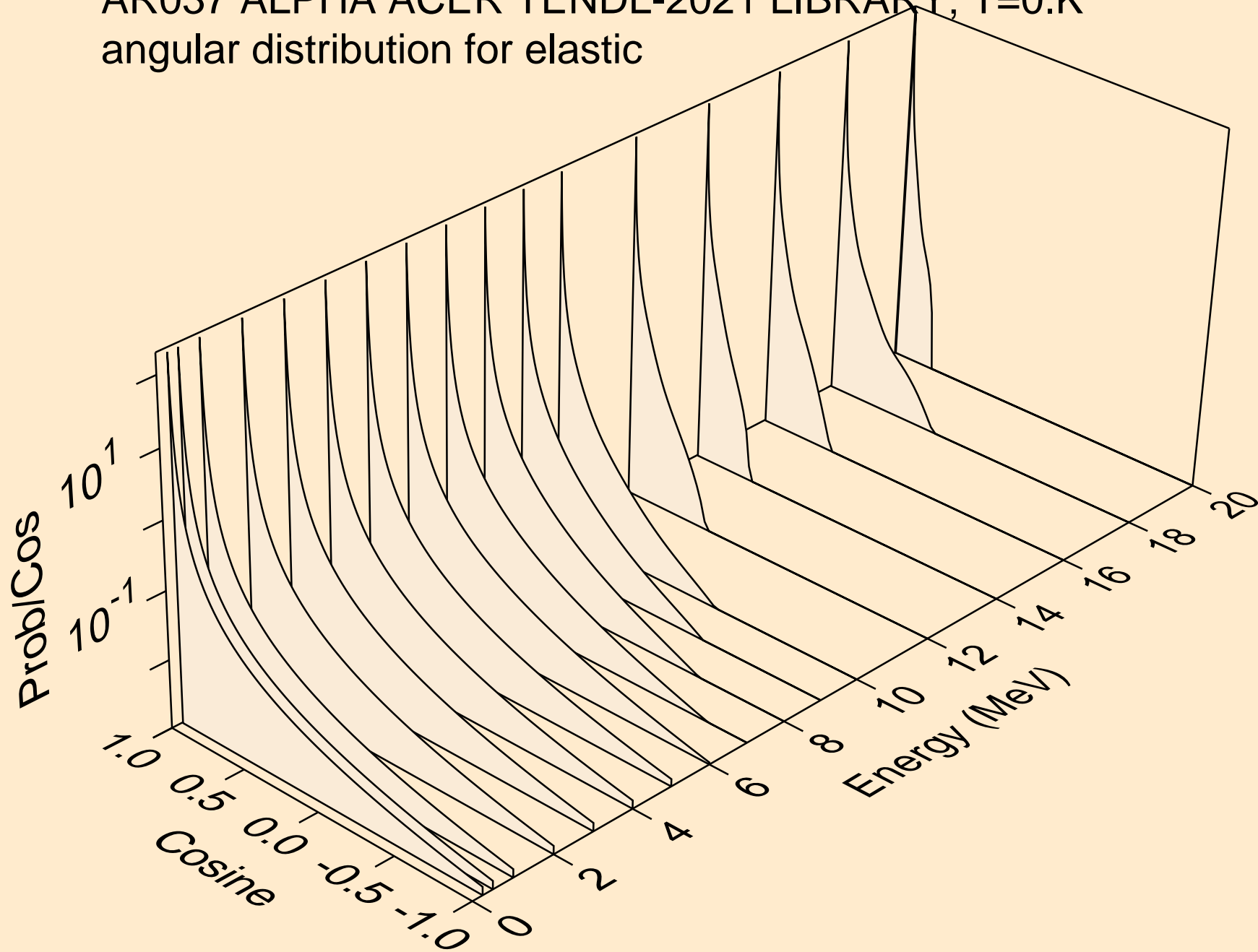


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

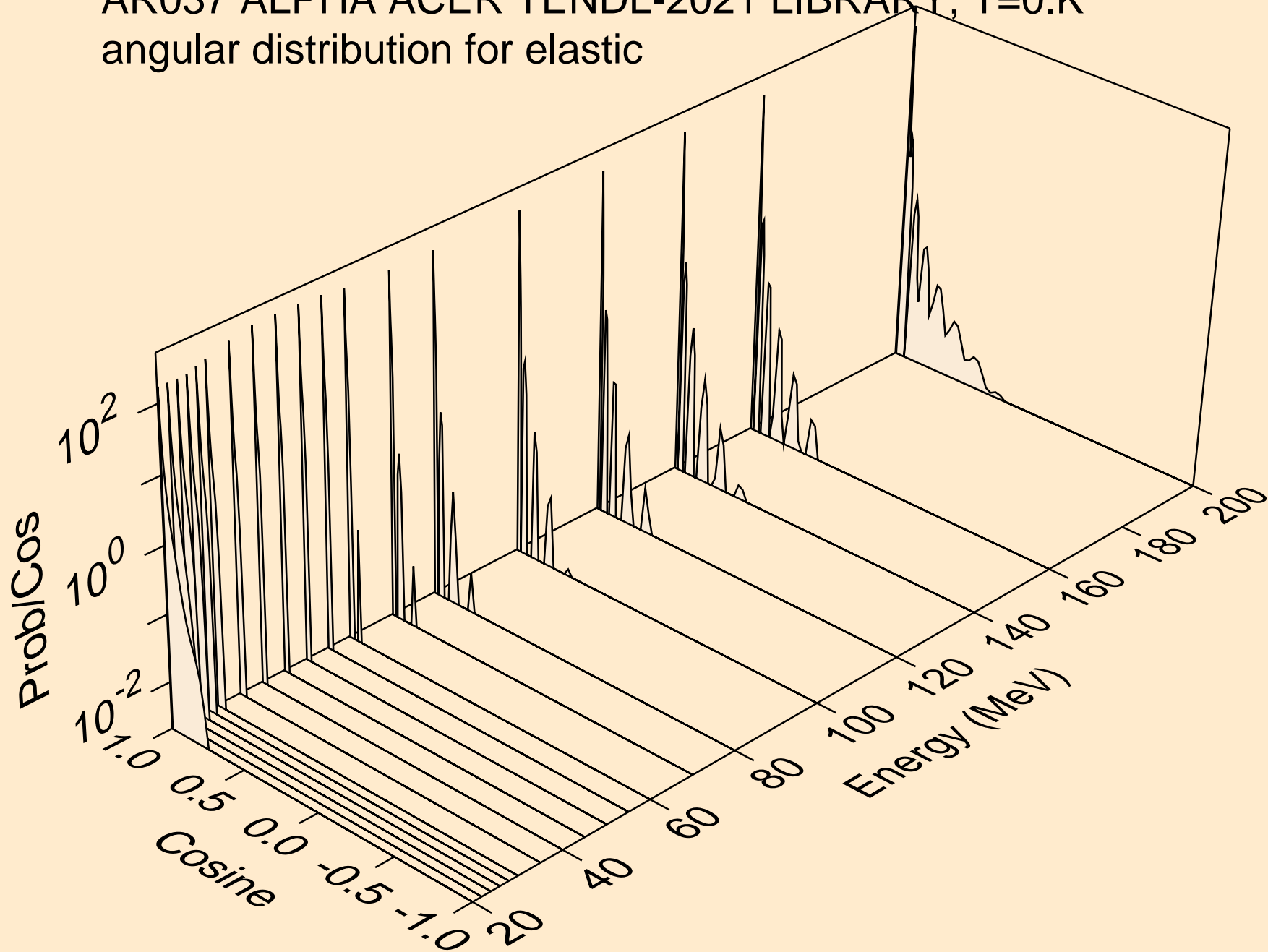




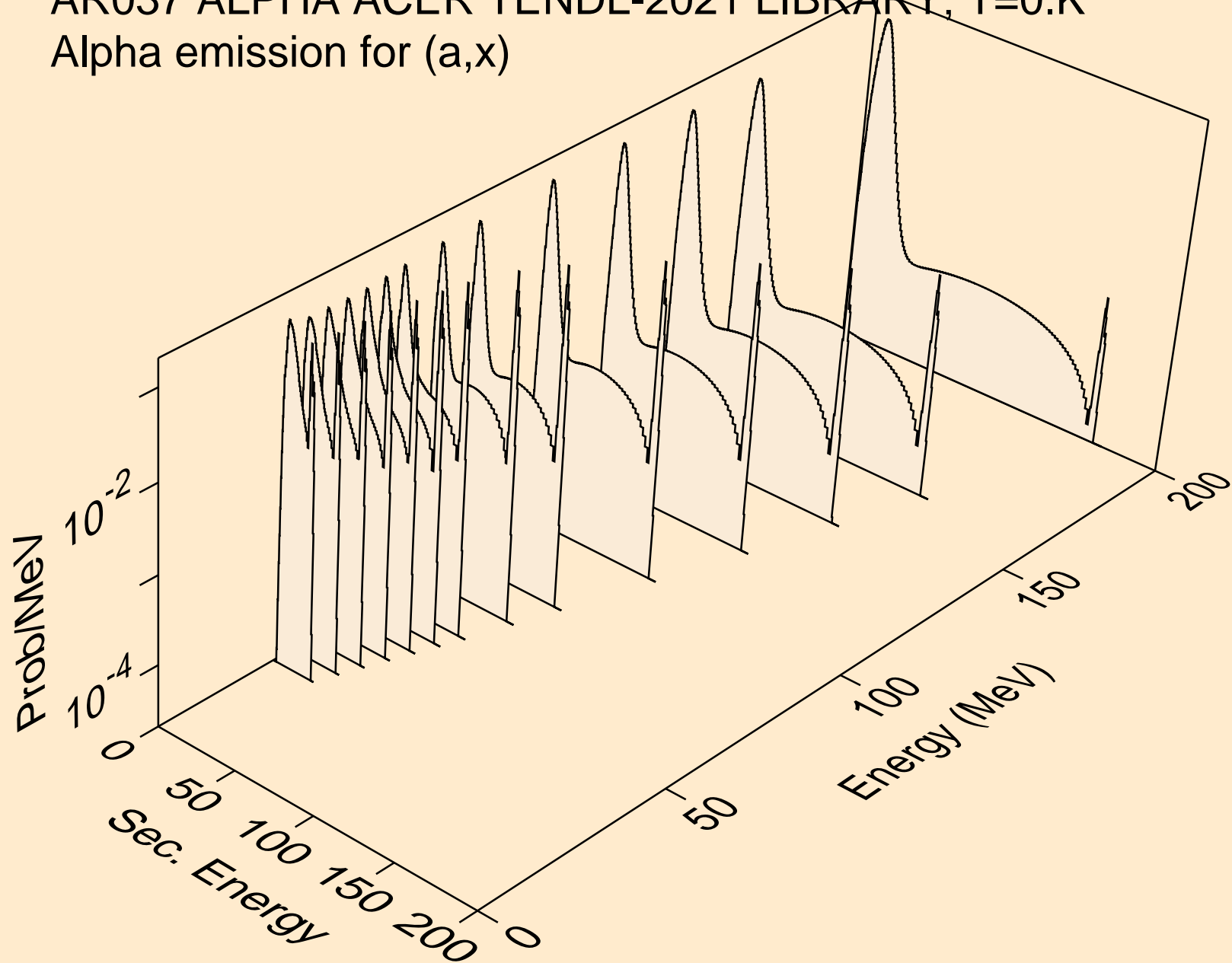
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



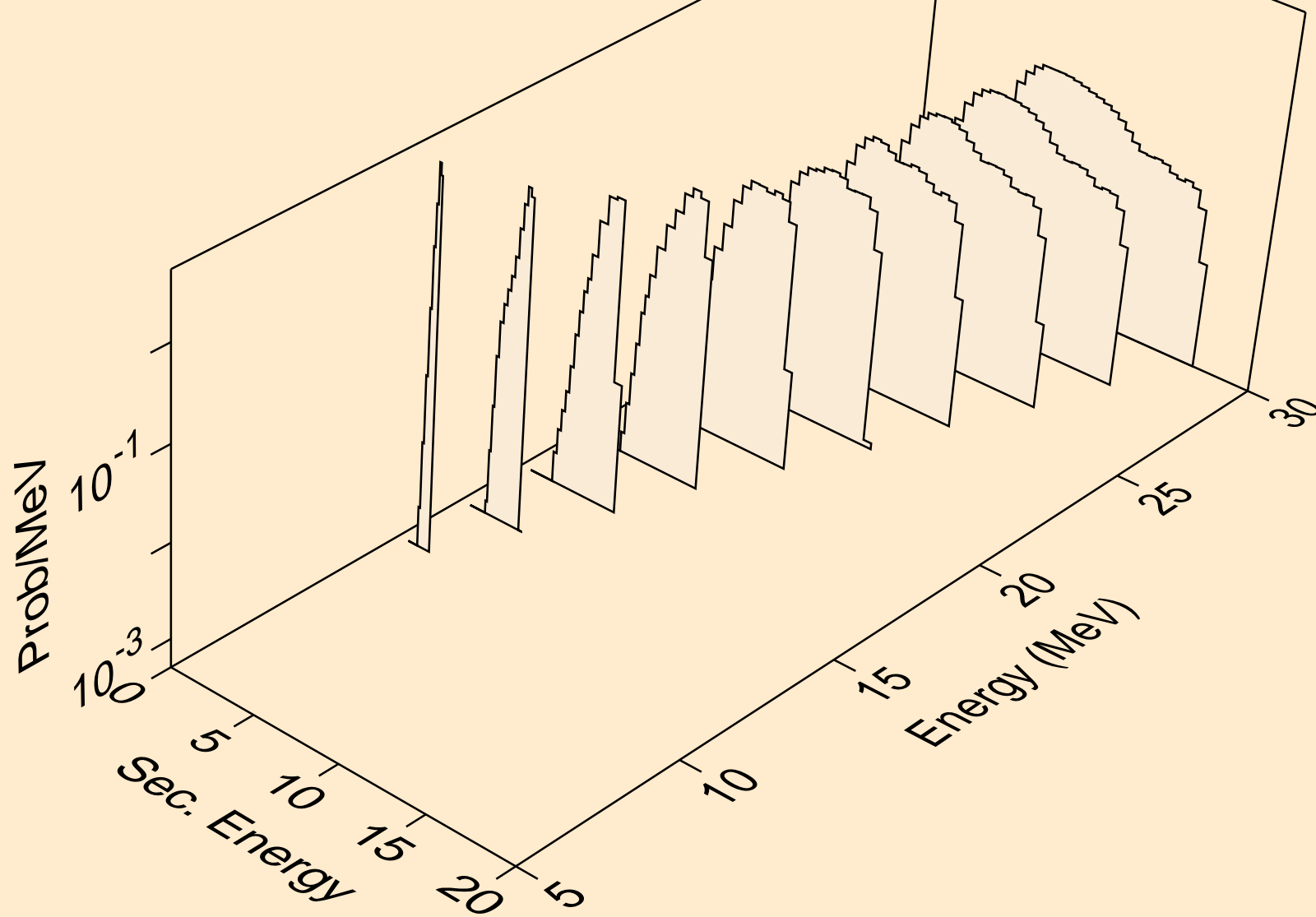
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



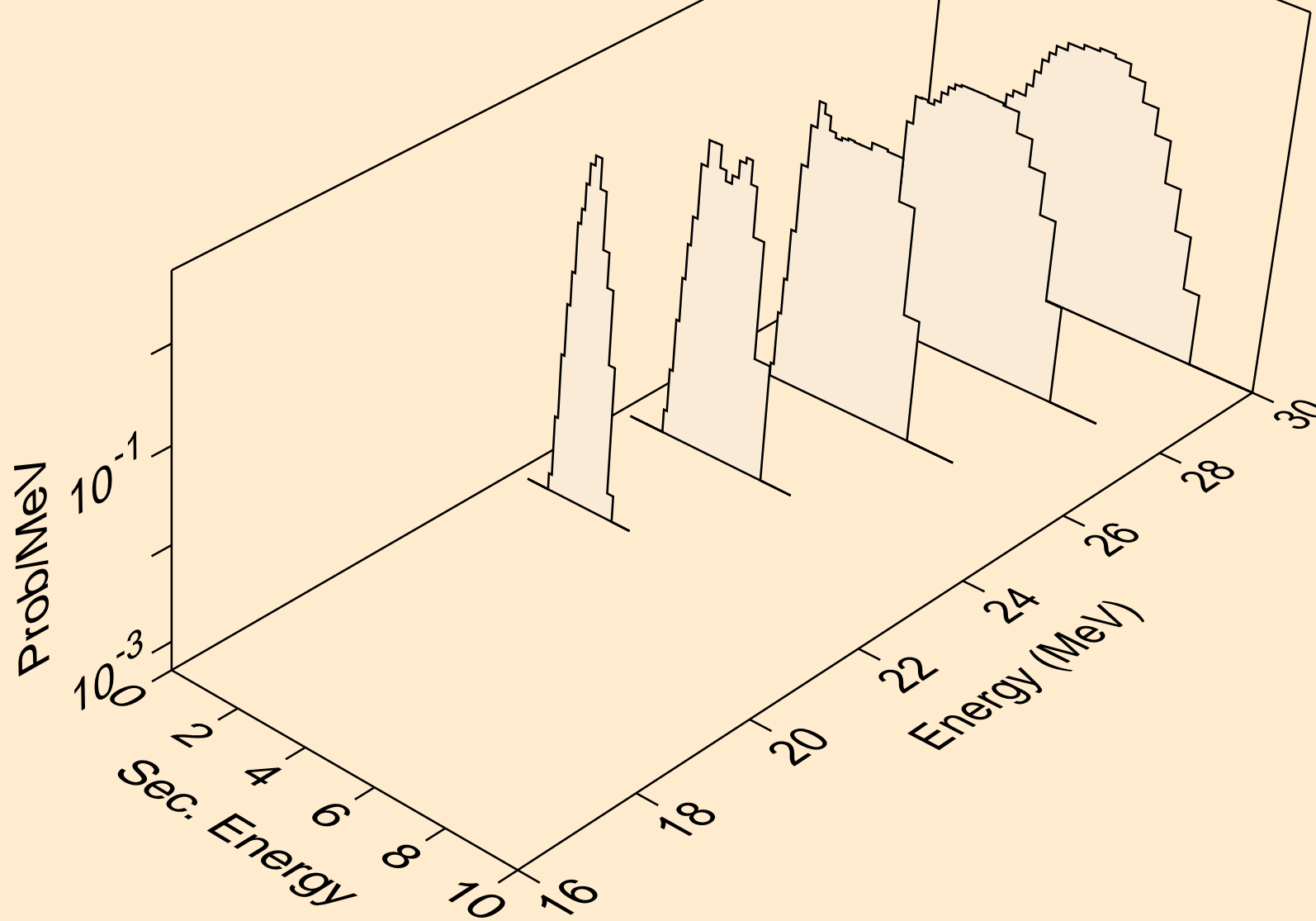
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



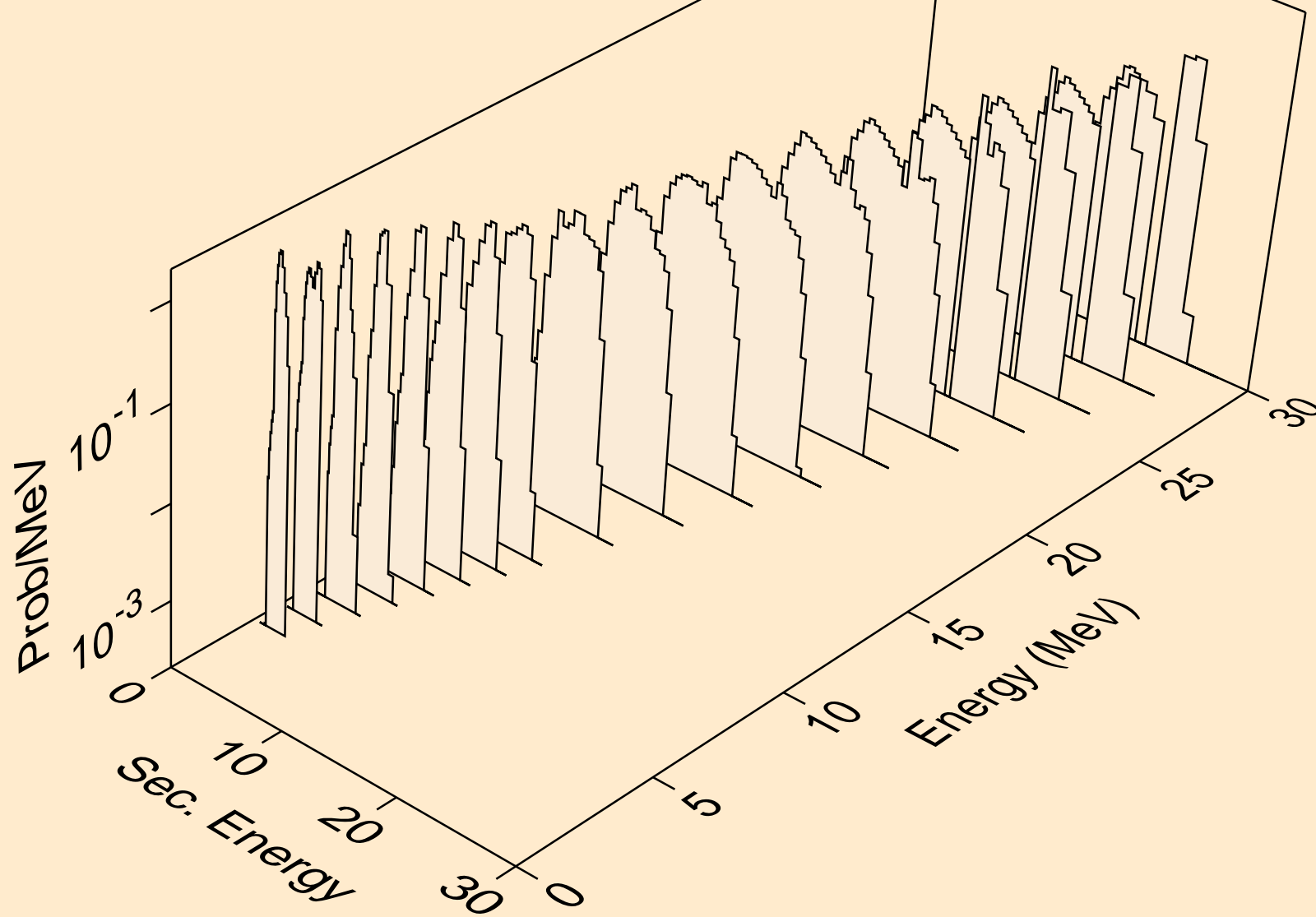
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



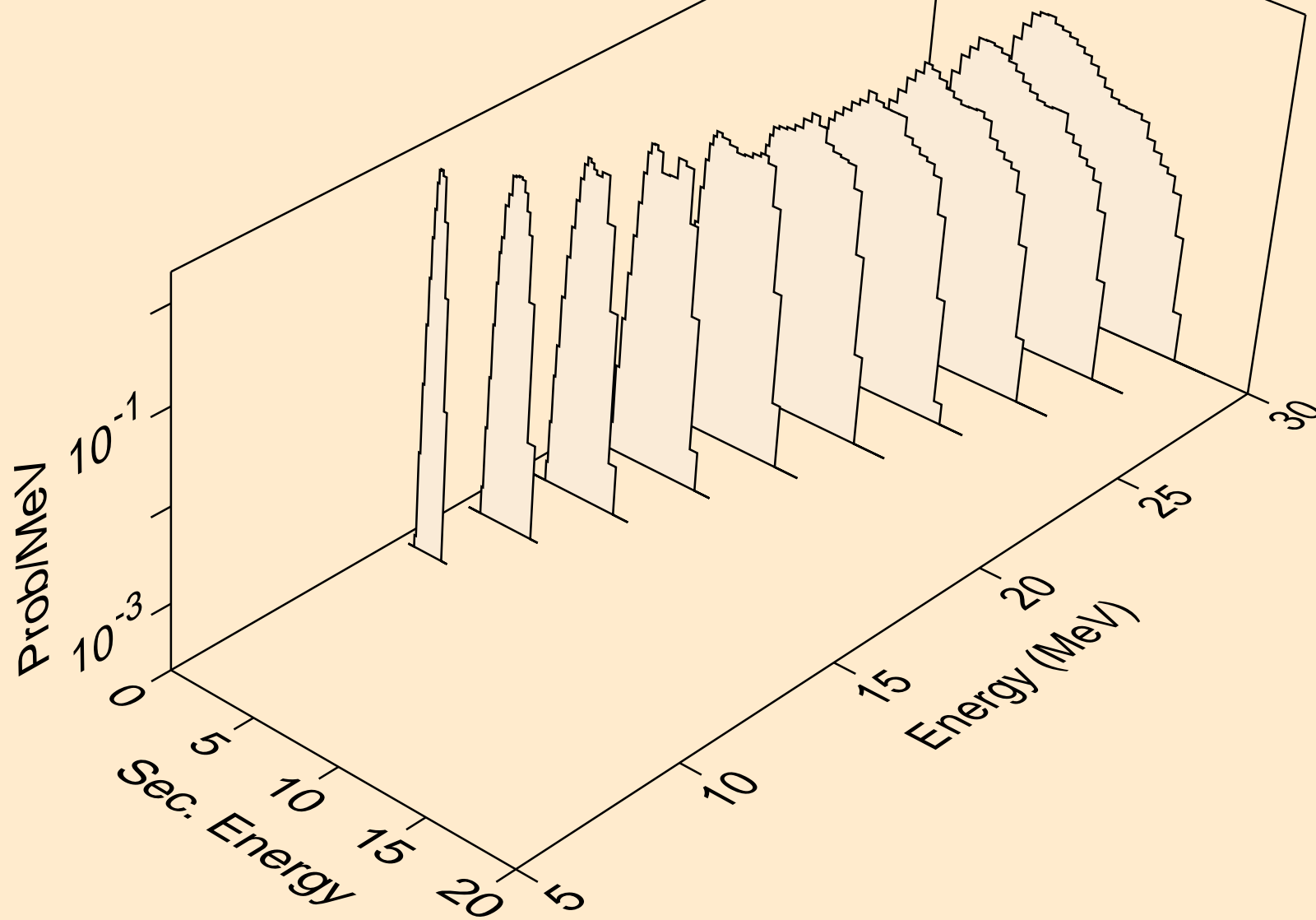
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



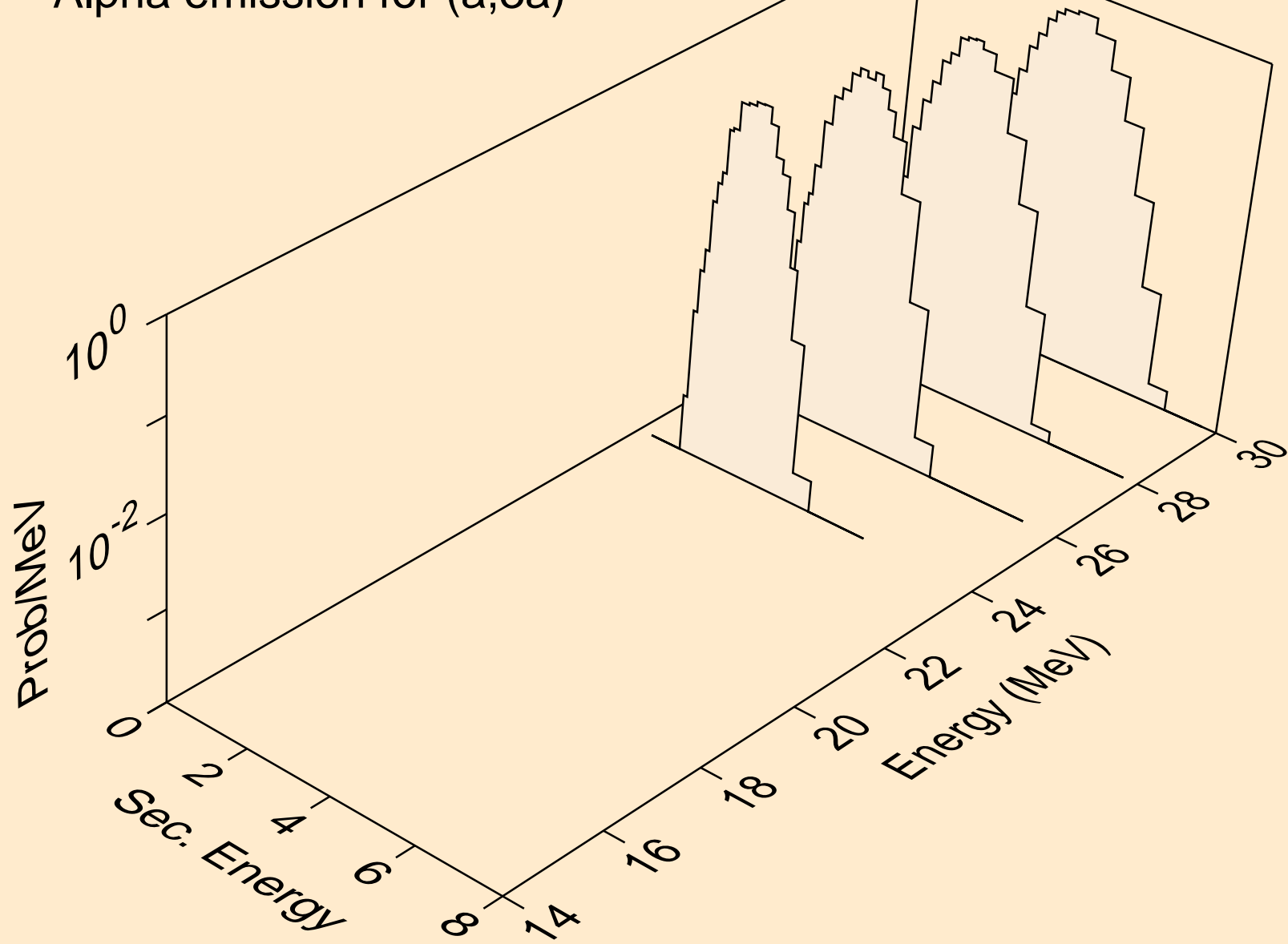
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

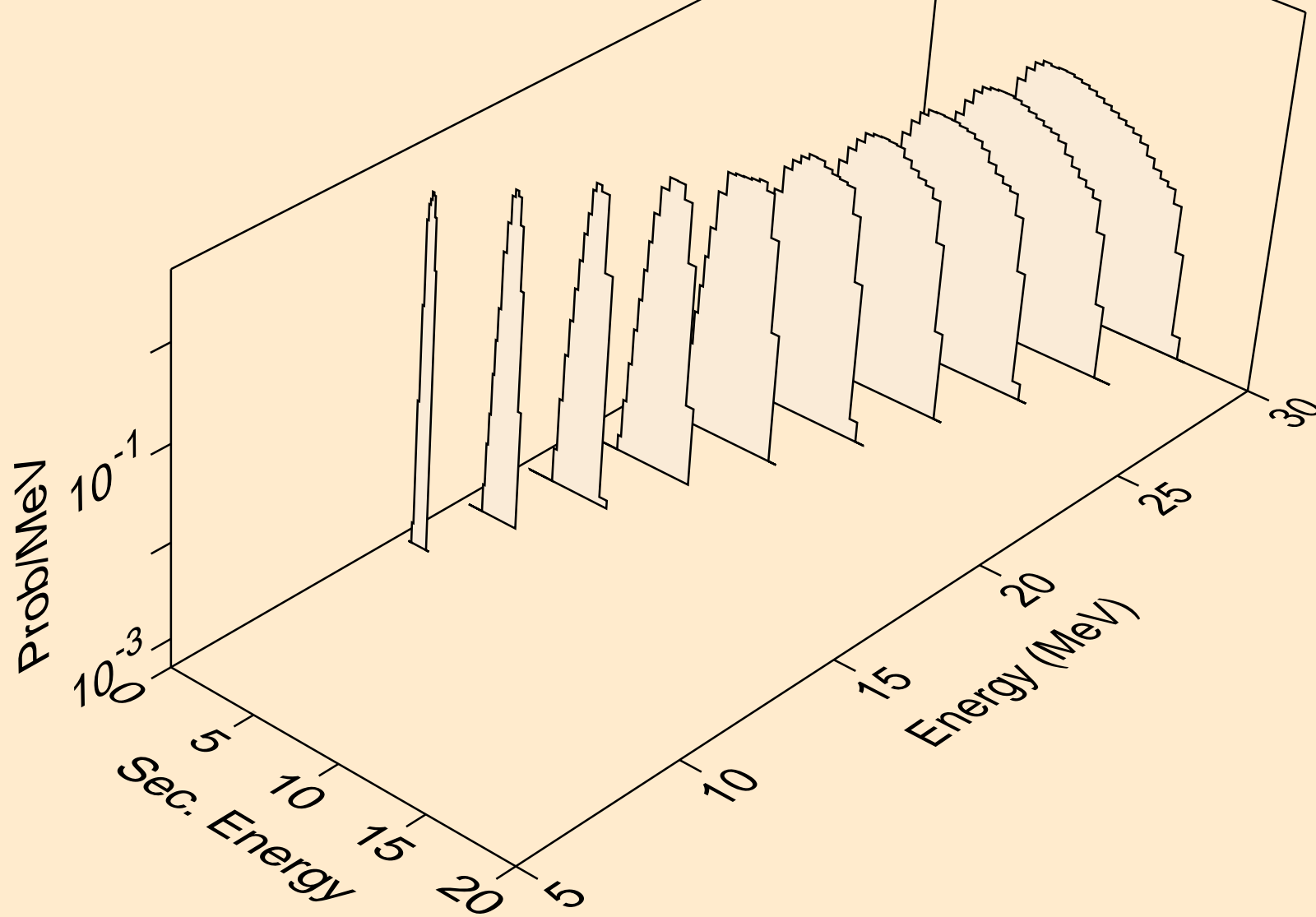


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3a)

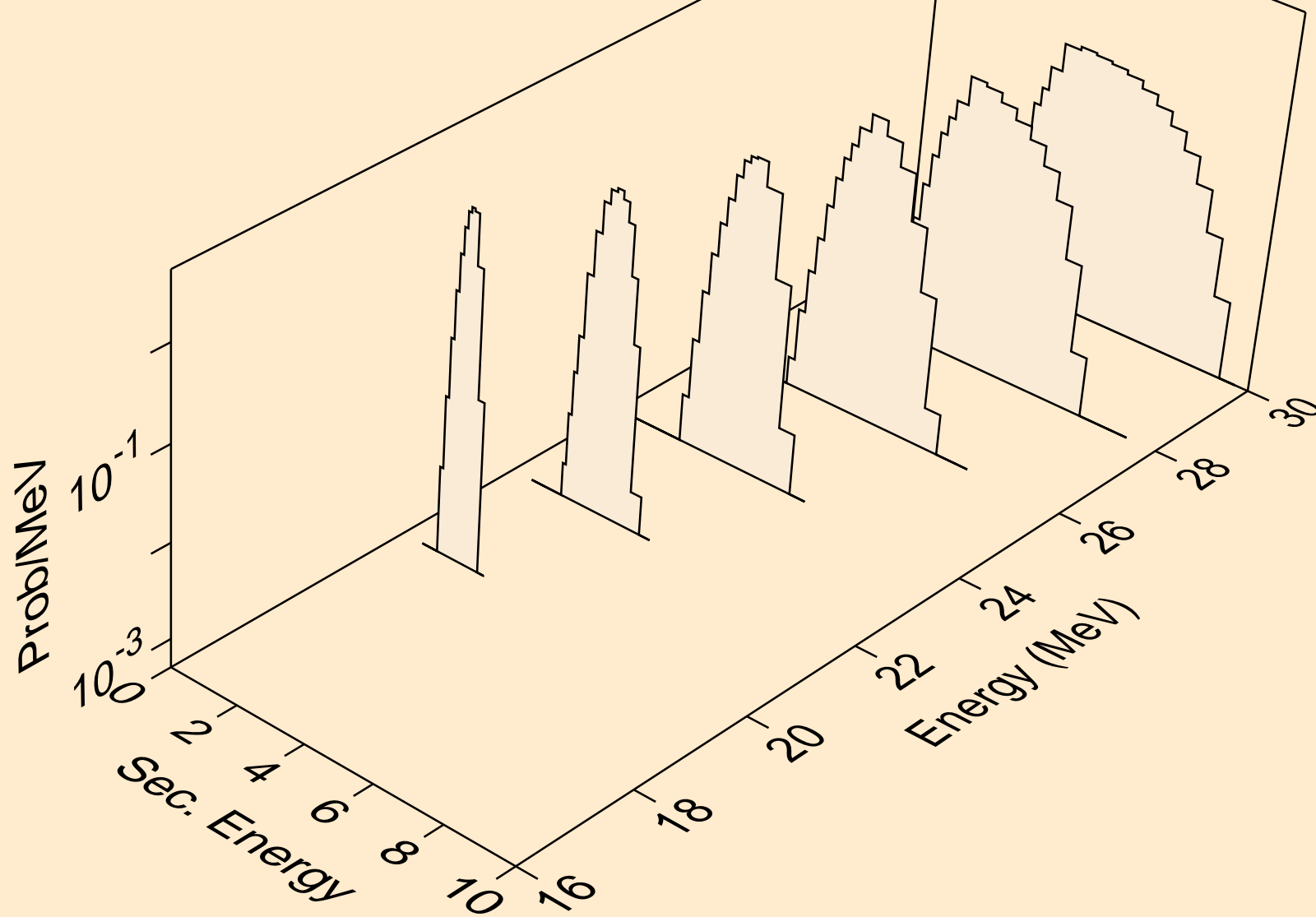




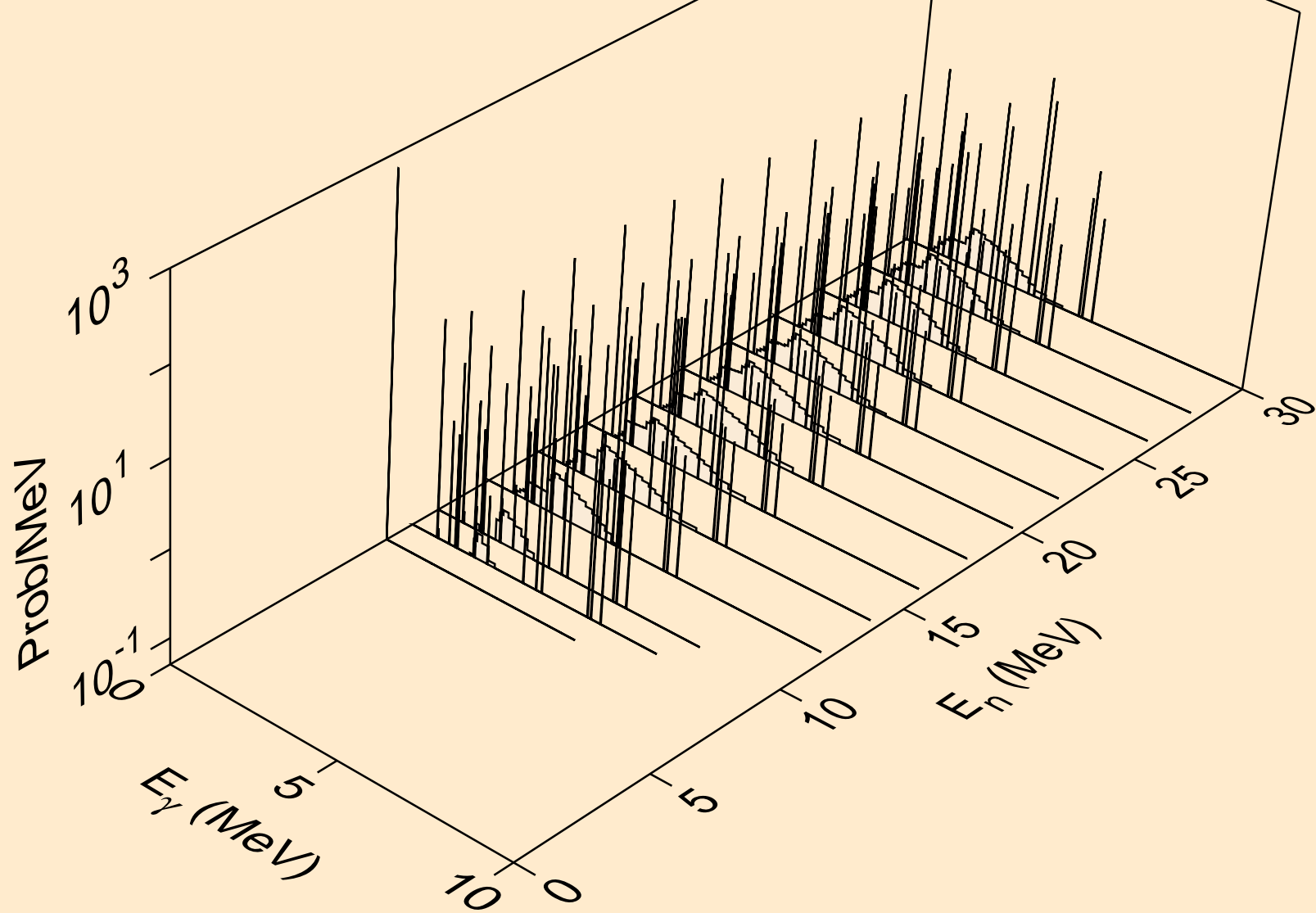
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



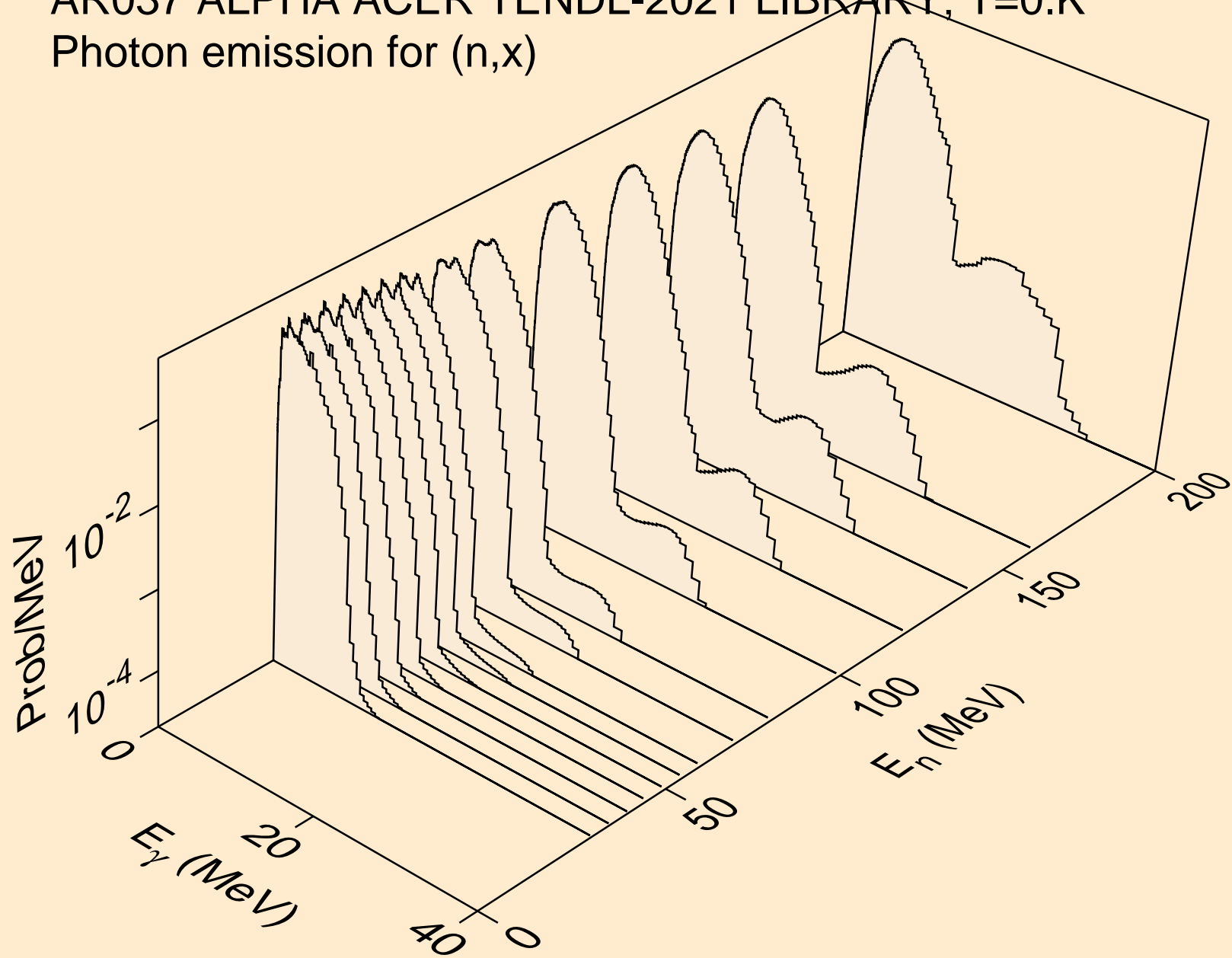
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)



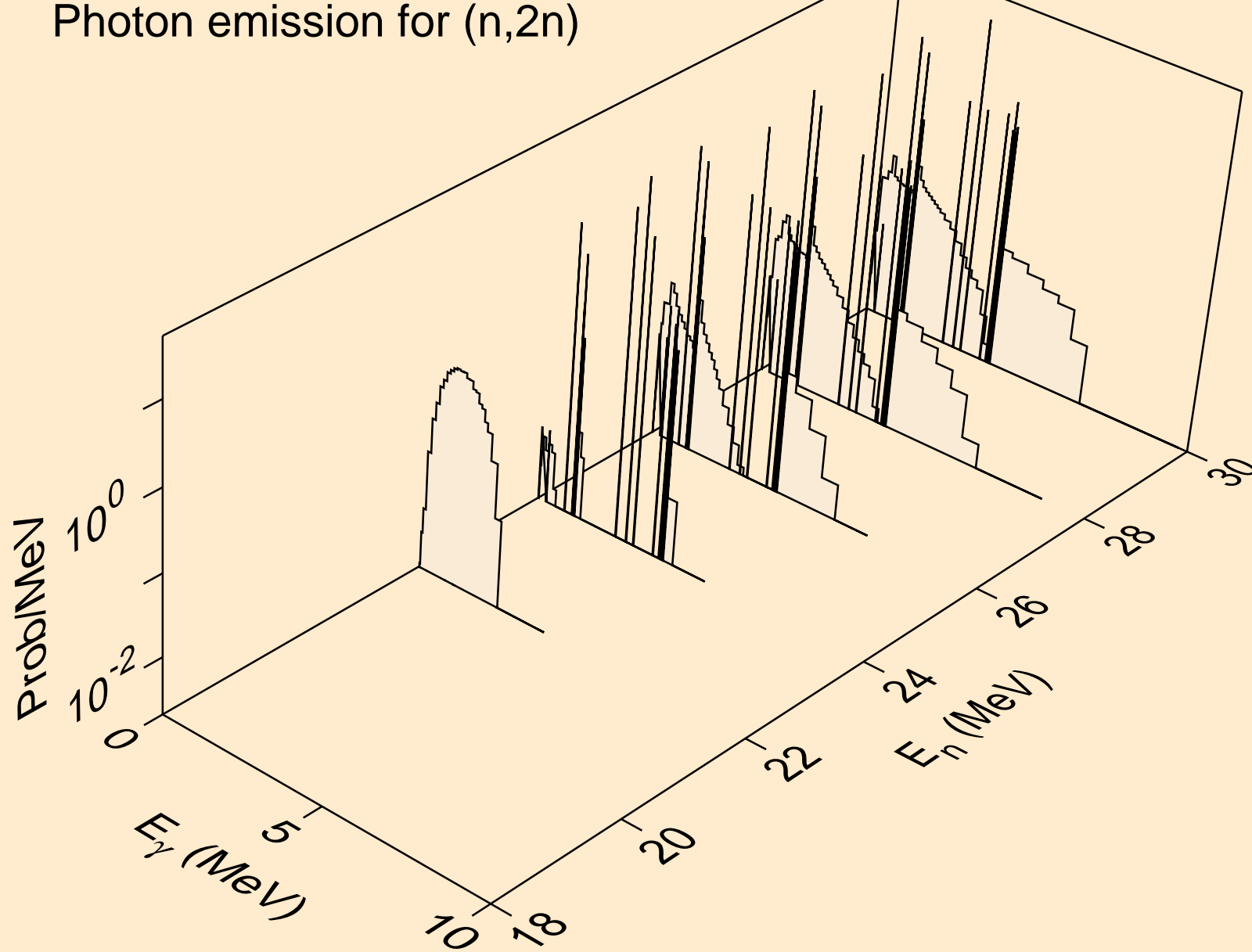
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



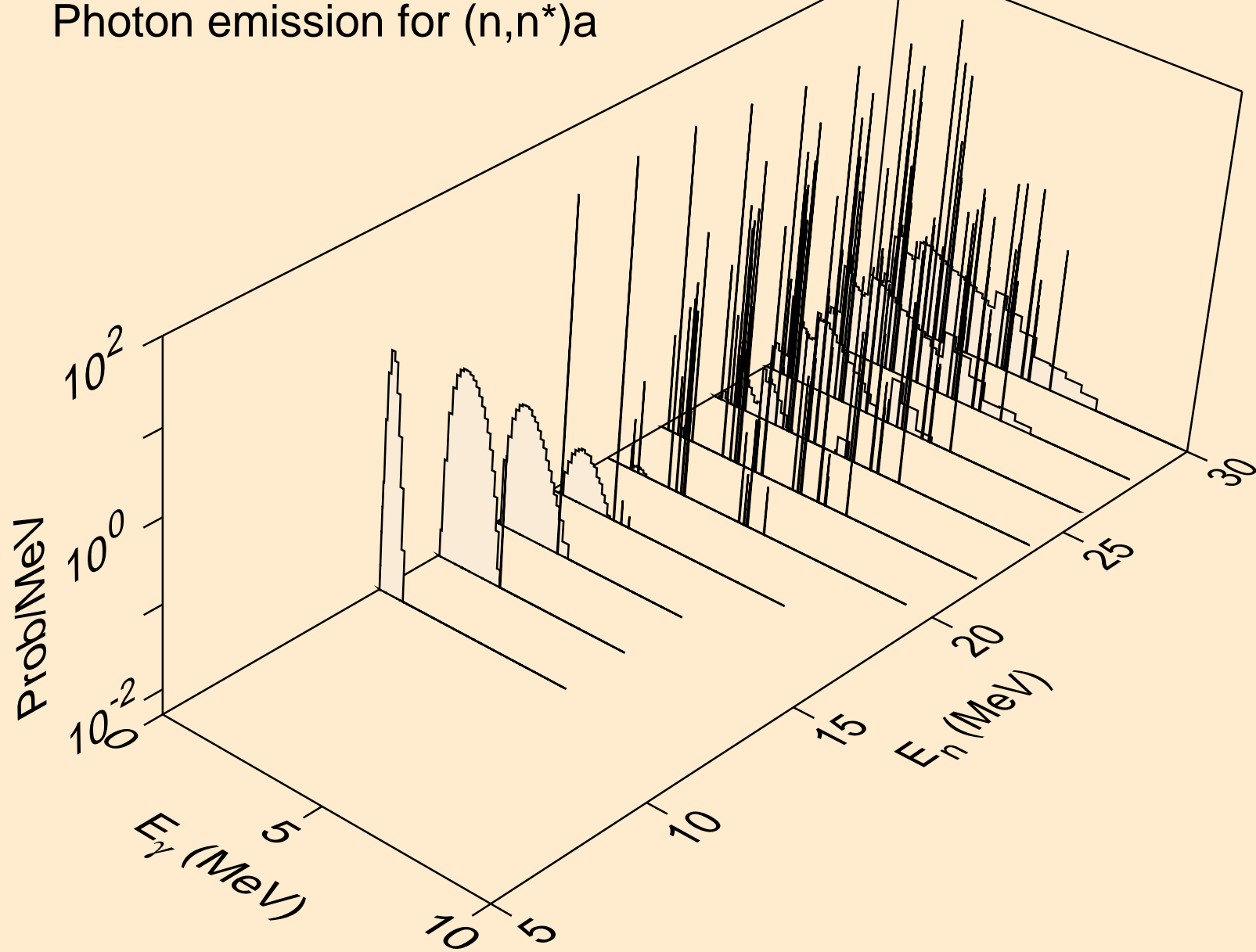
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



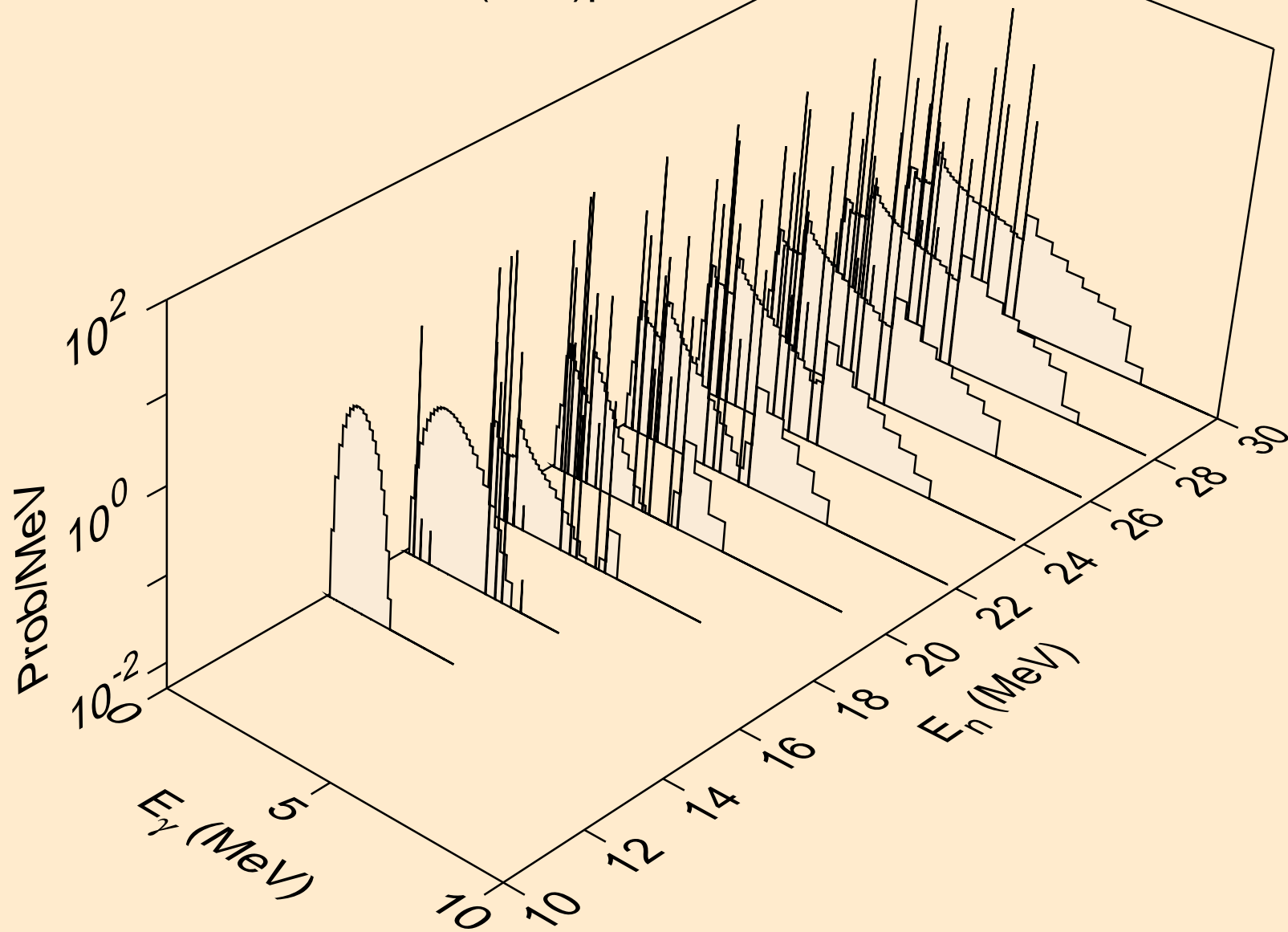
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



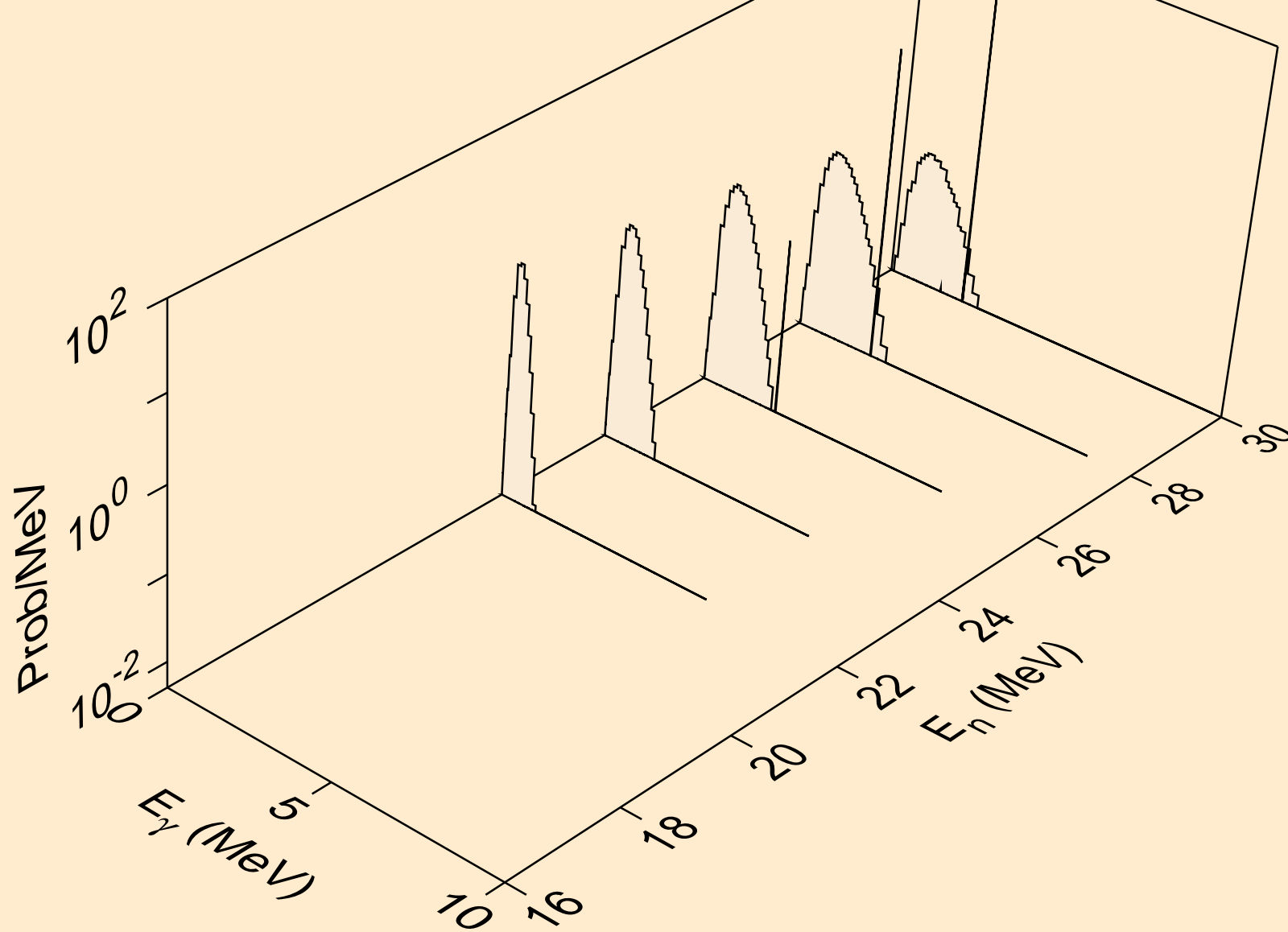
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

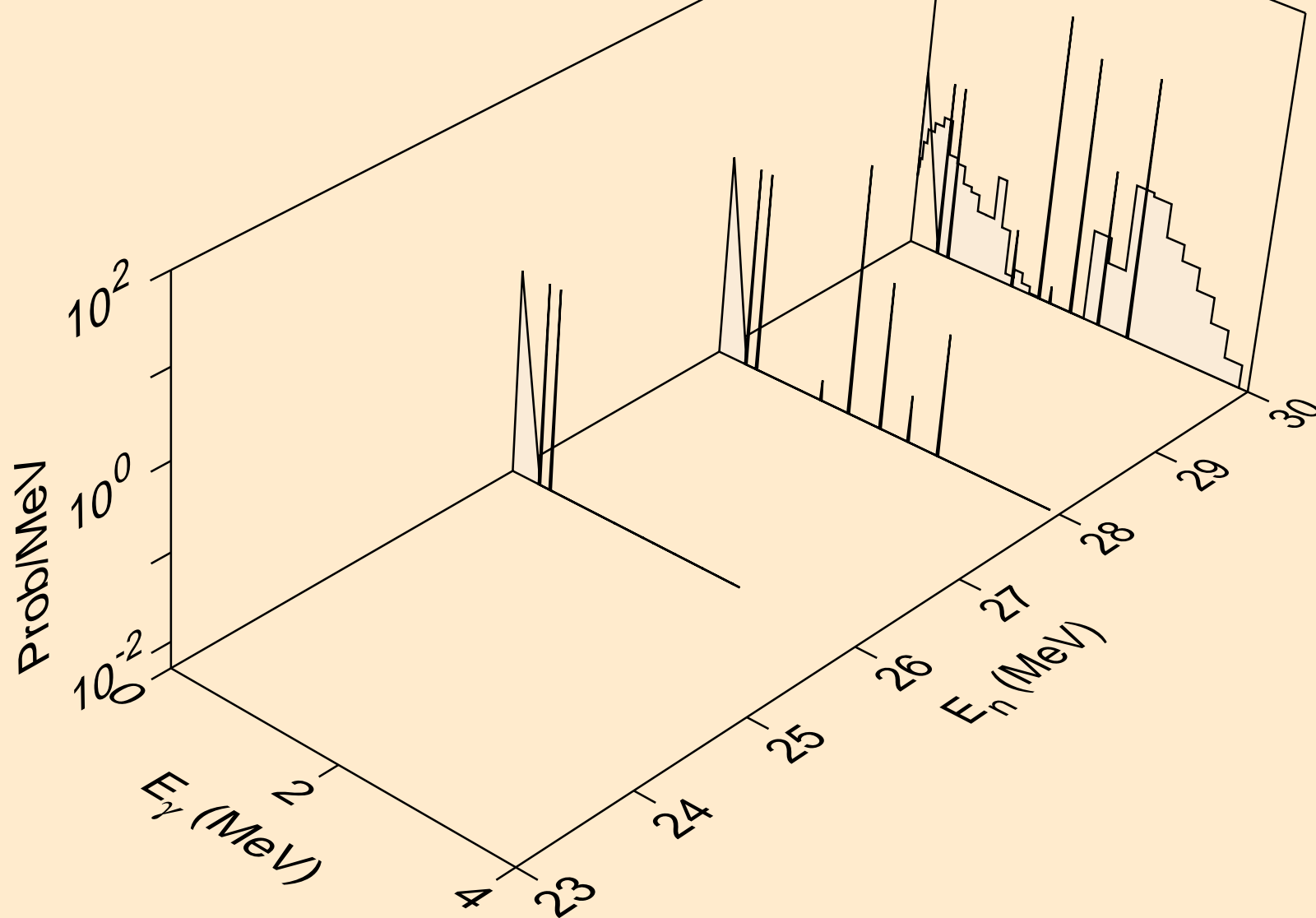


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

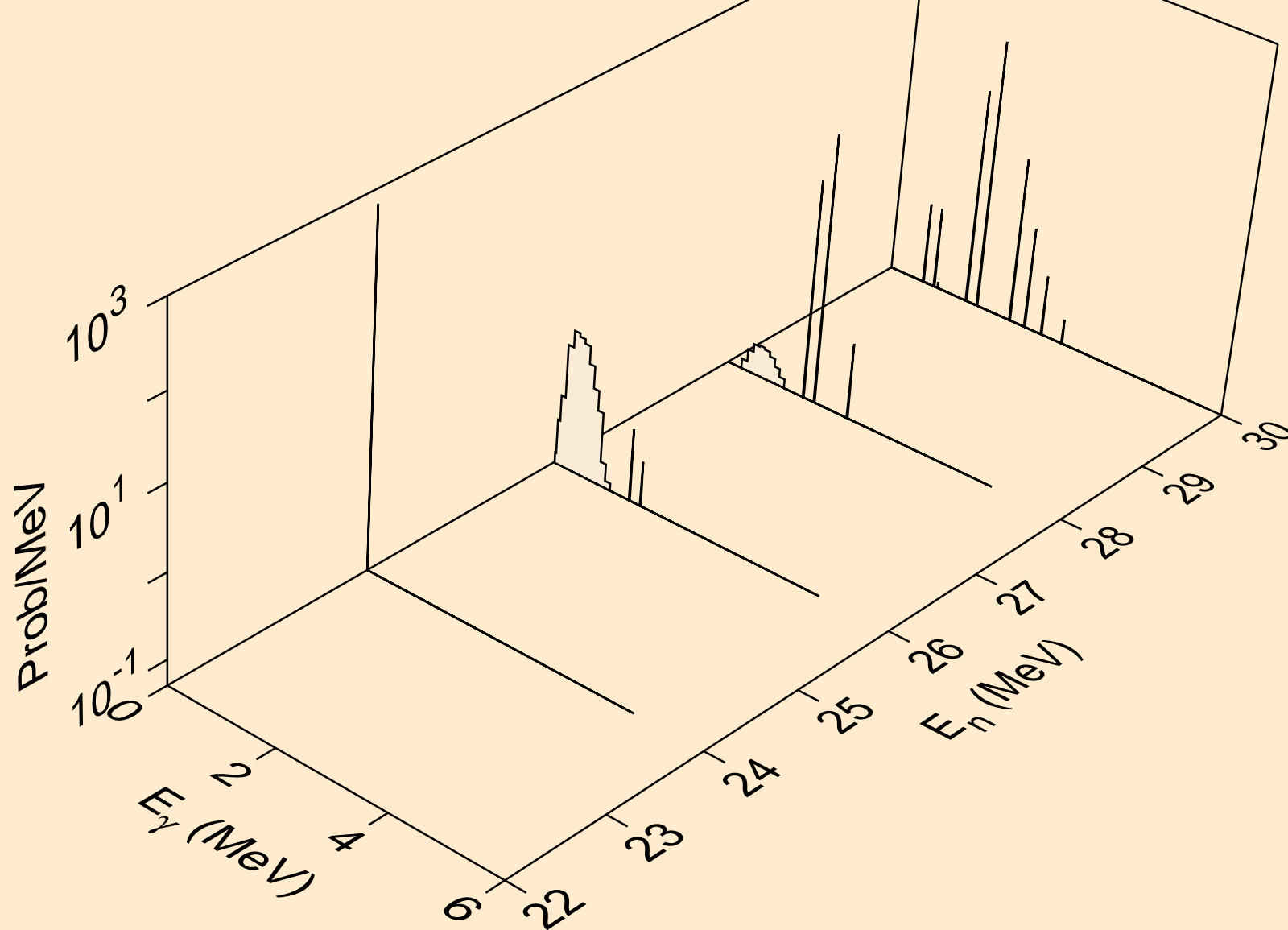




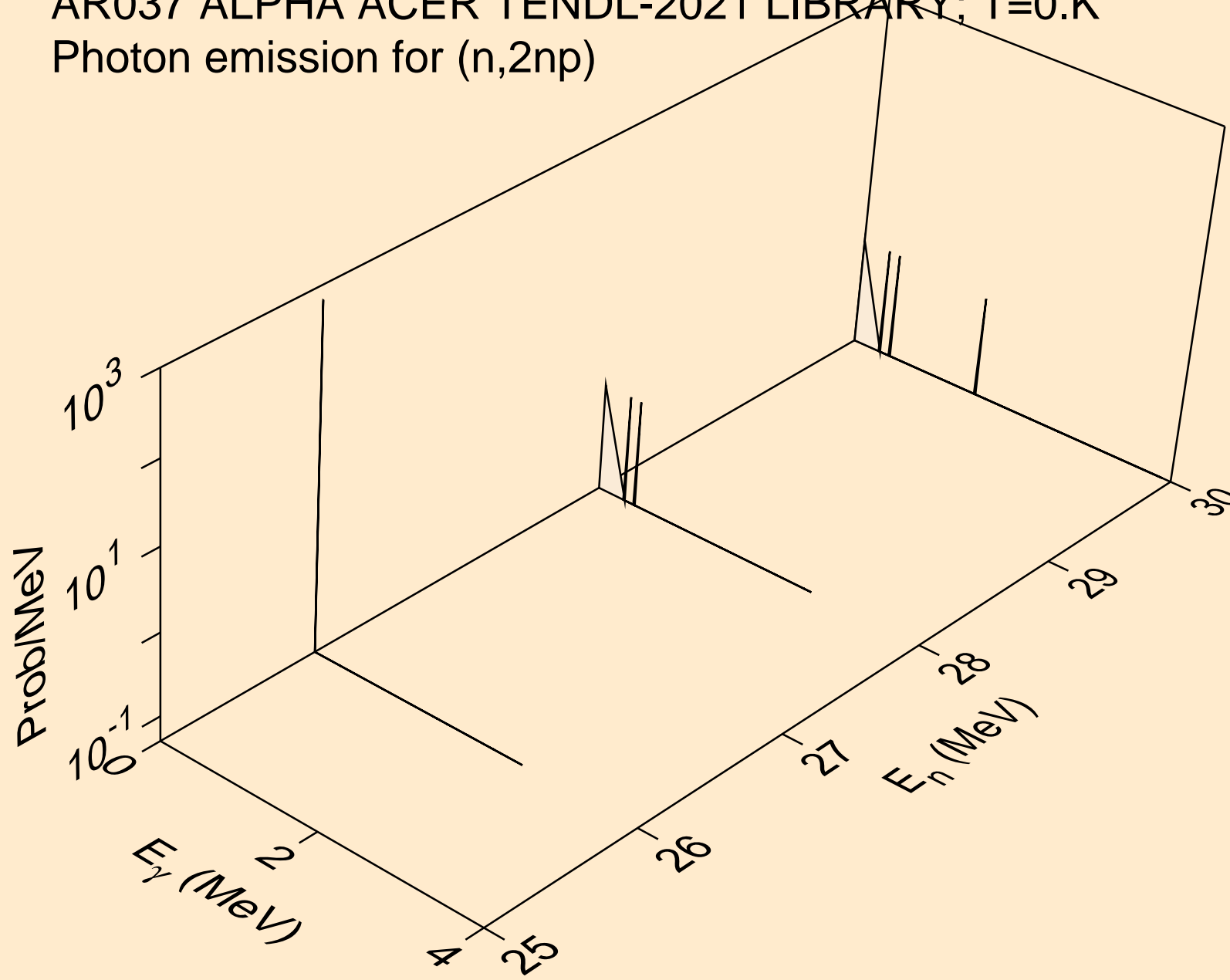
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



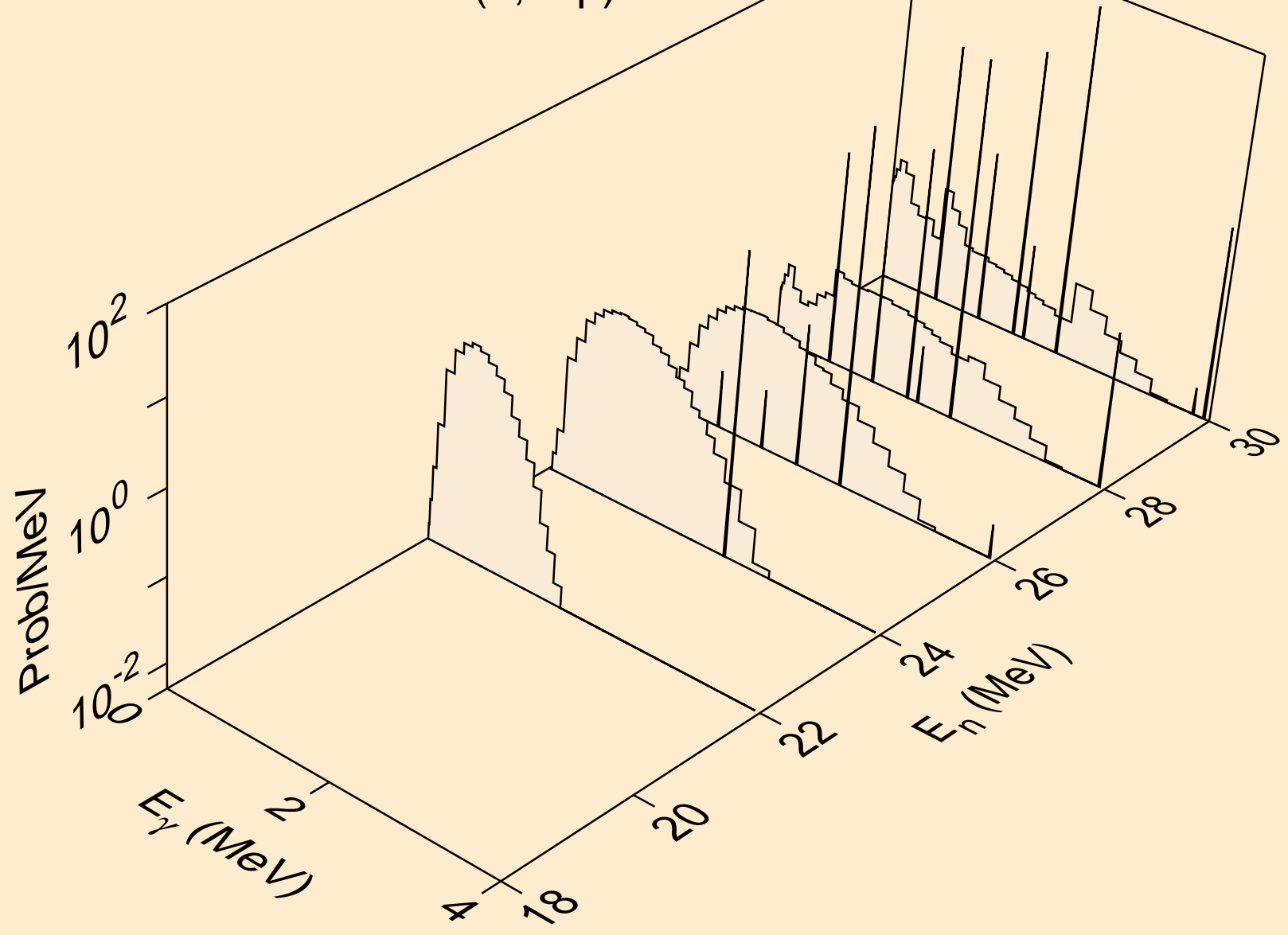
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



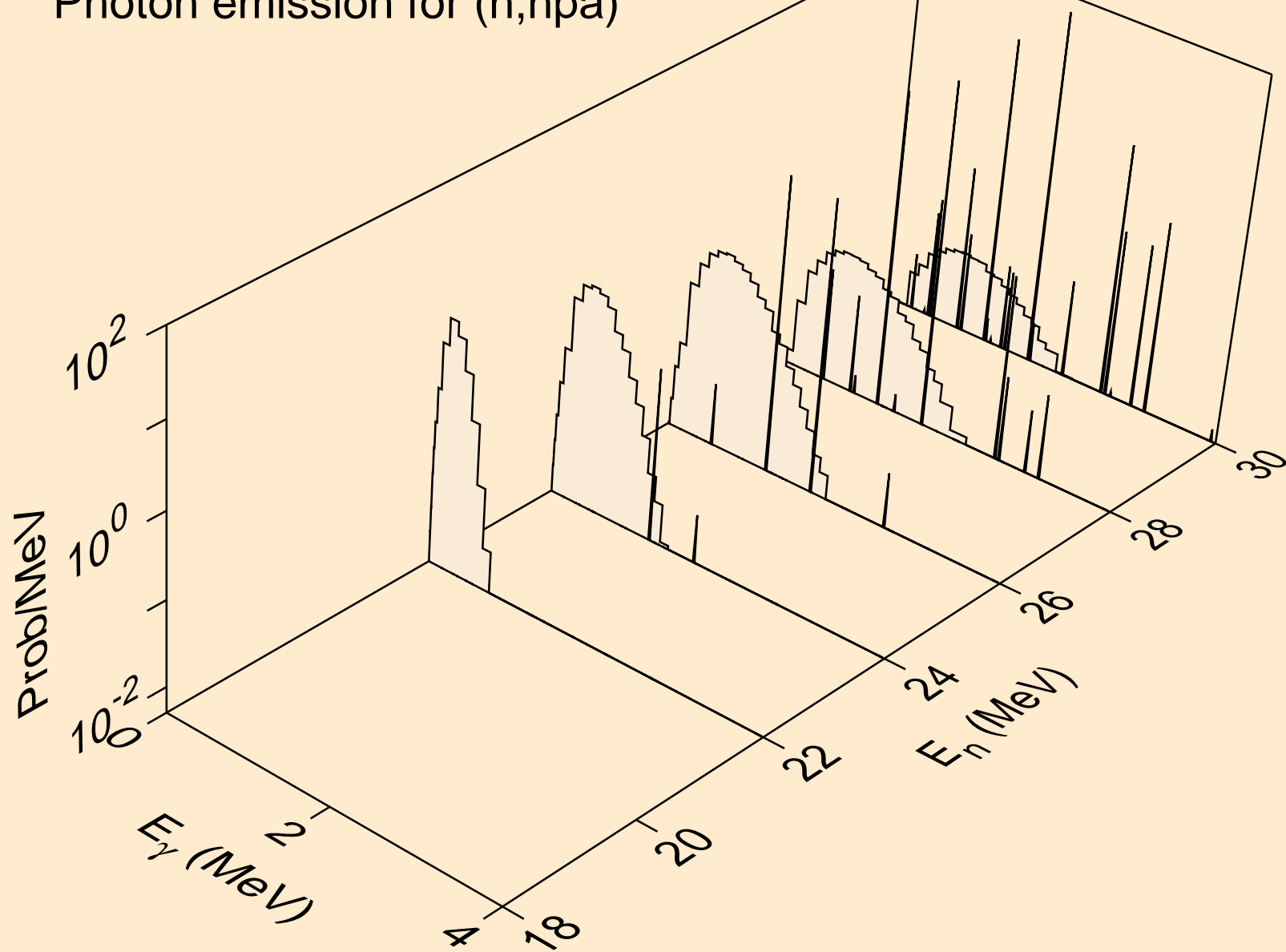
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



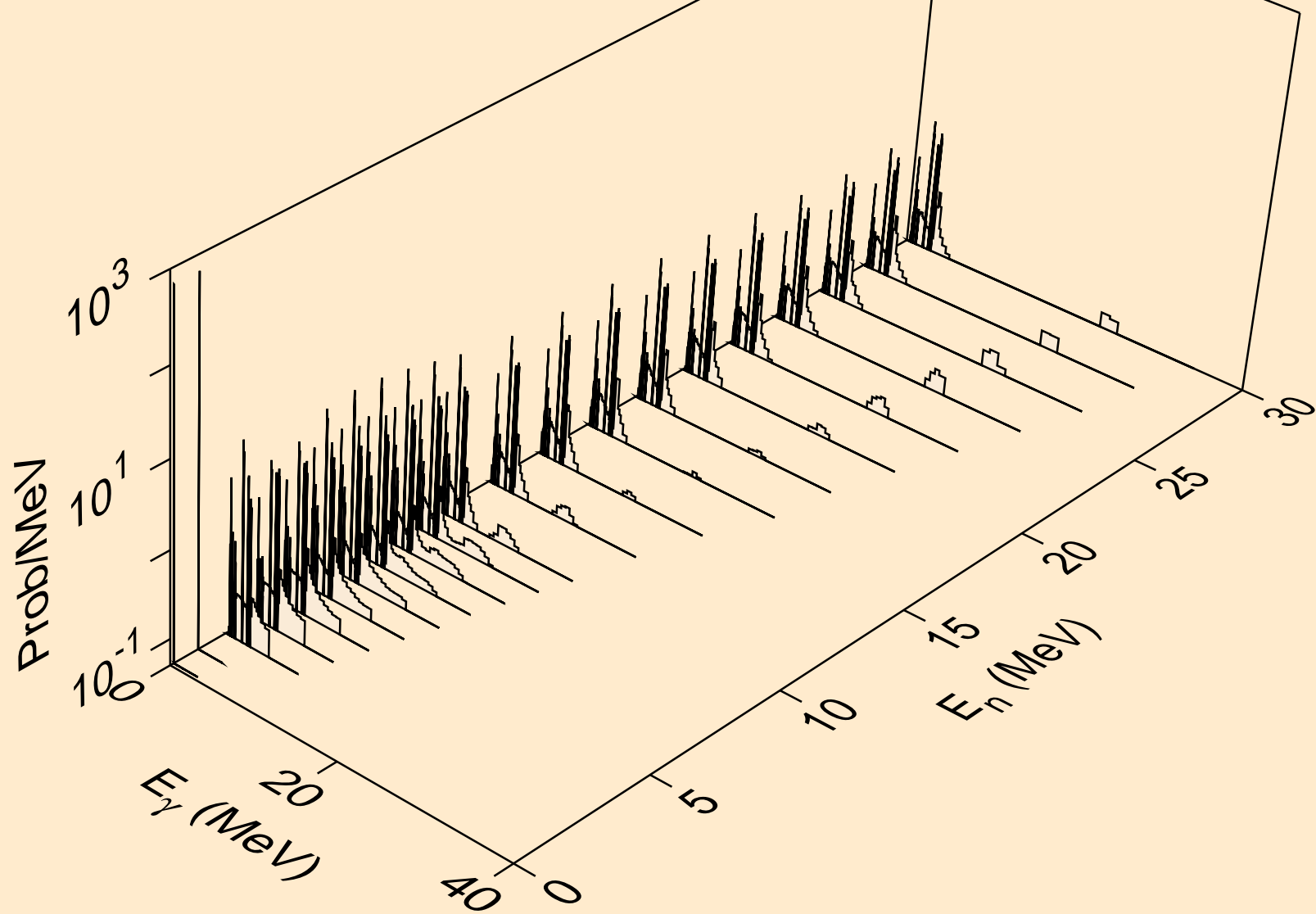
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



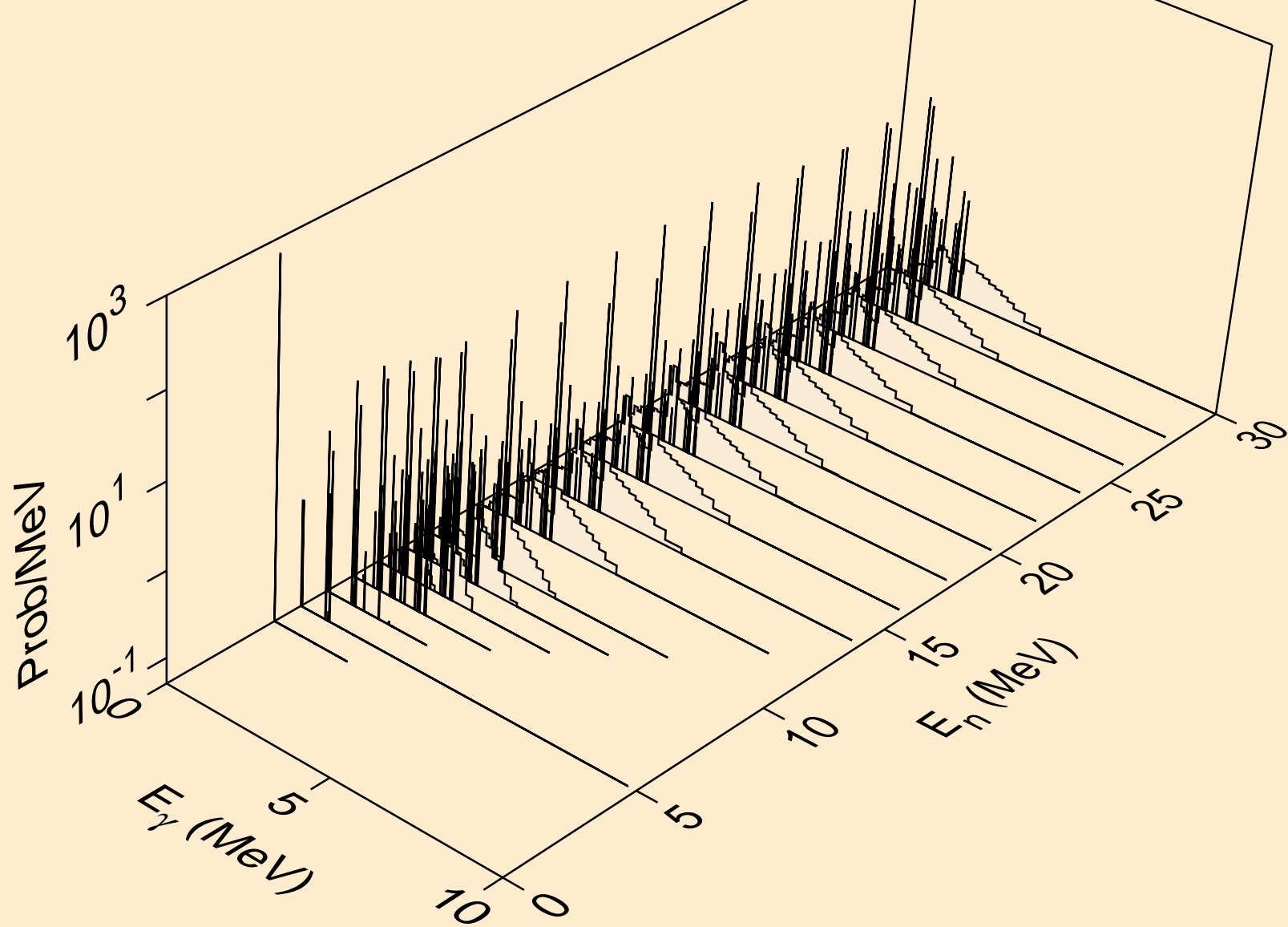
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



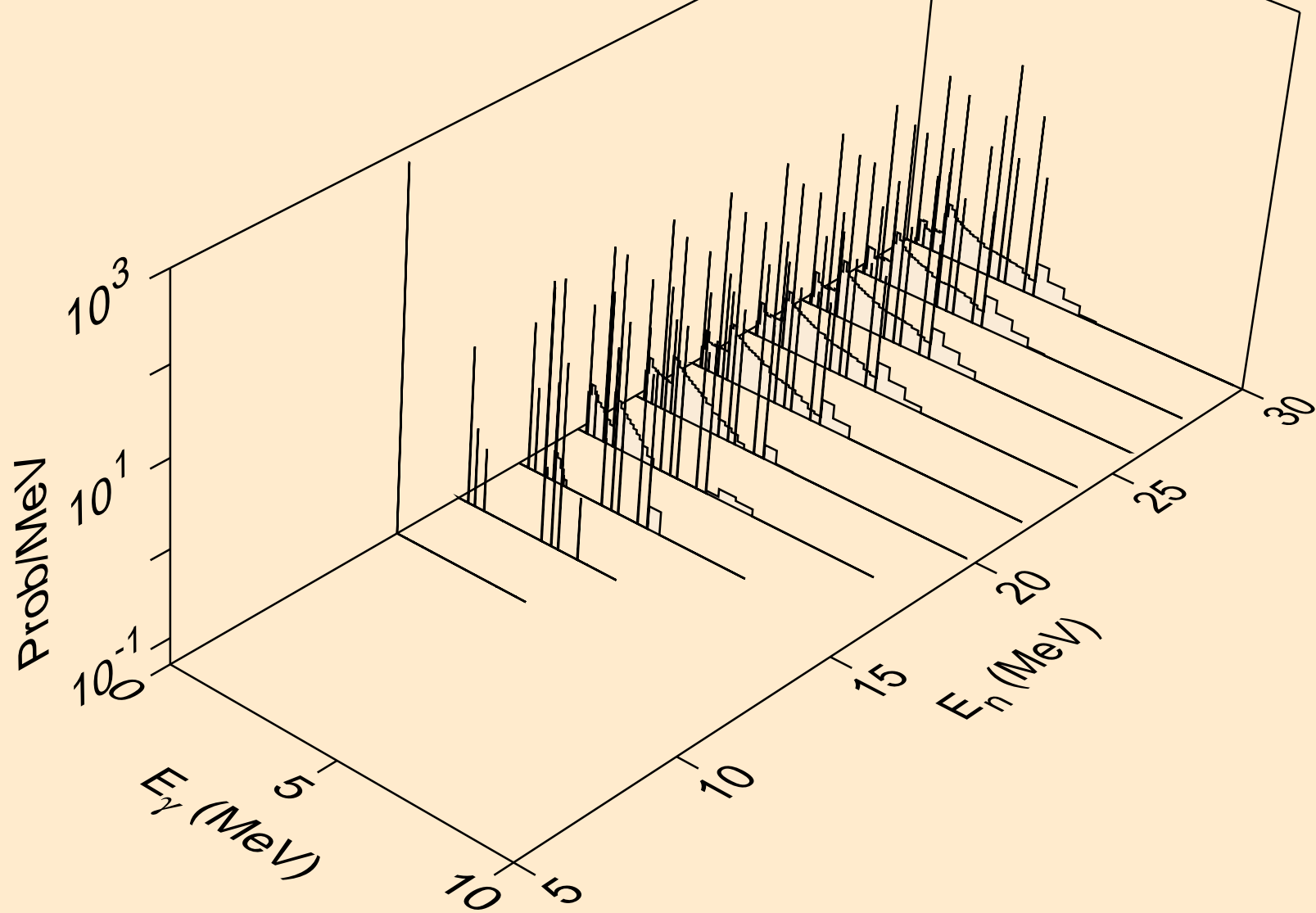
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

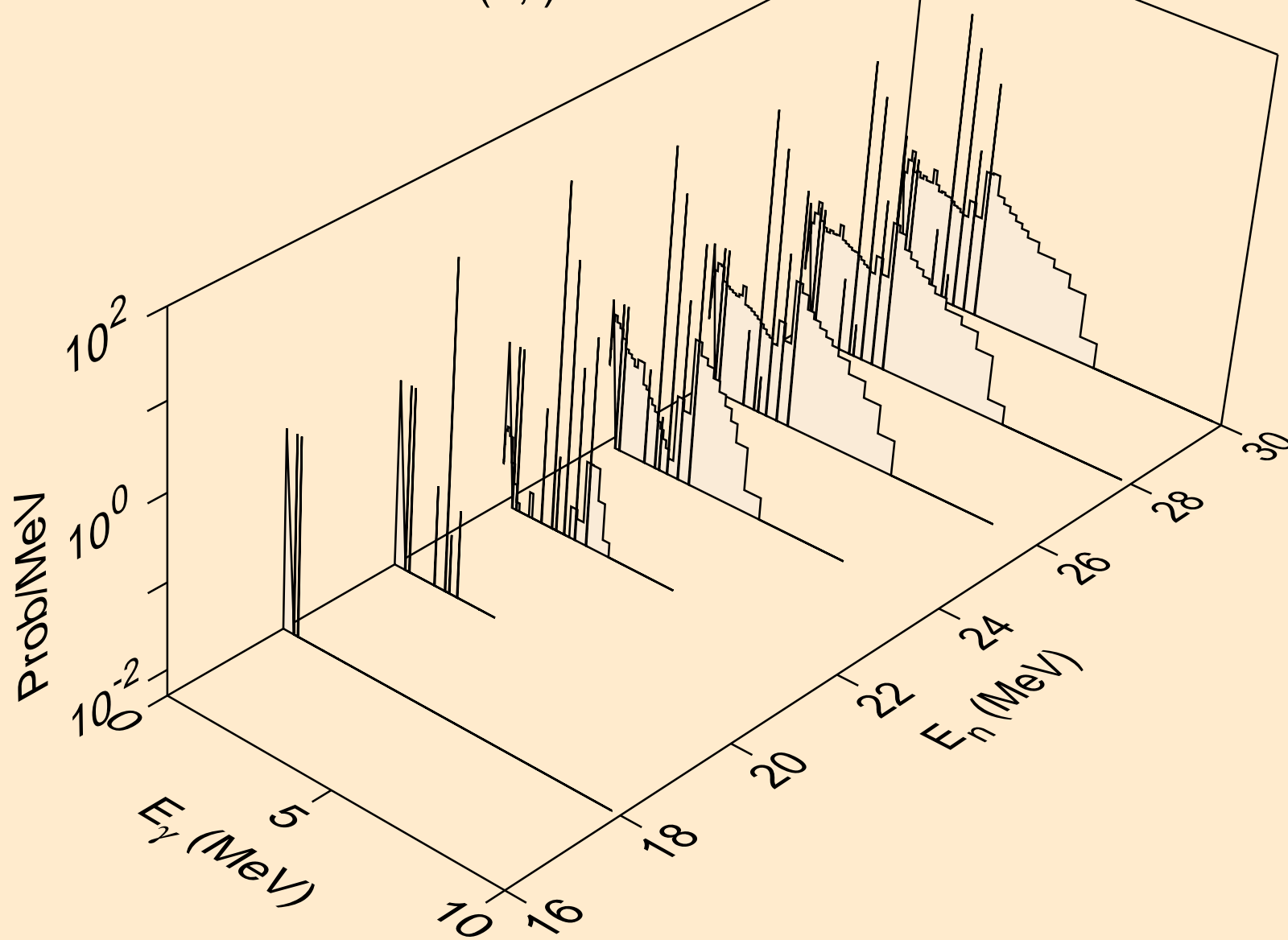


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

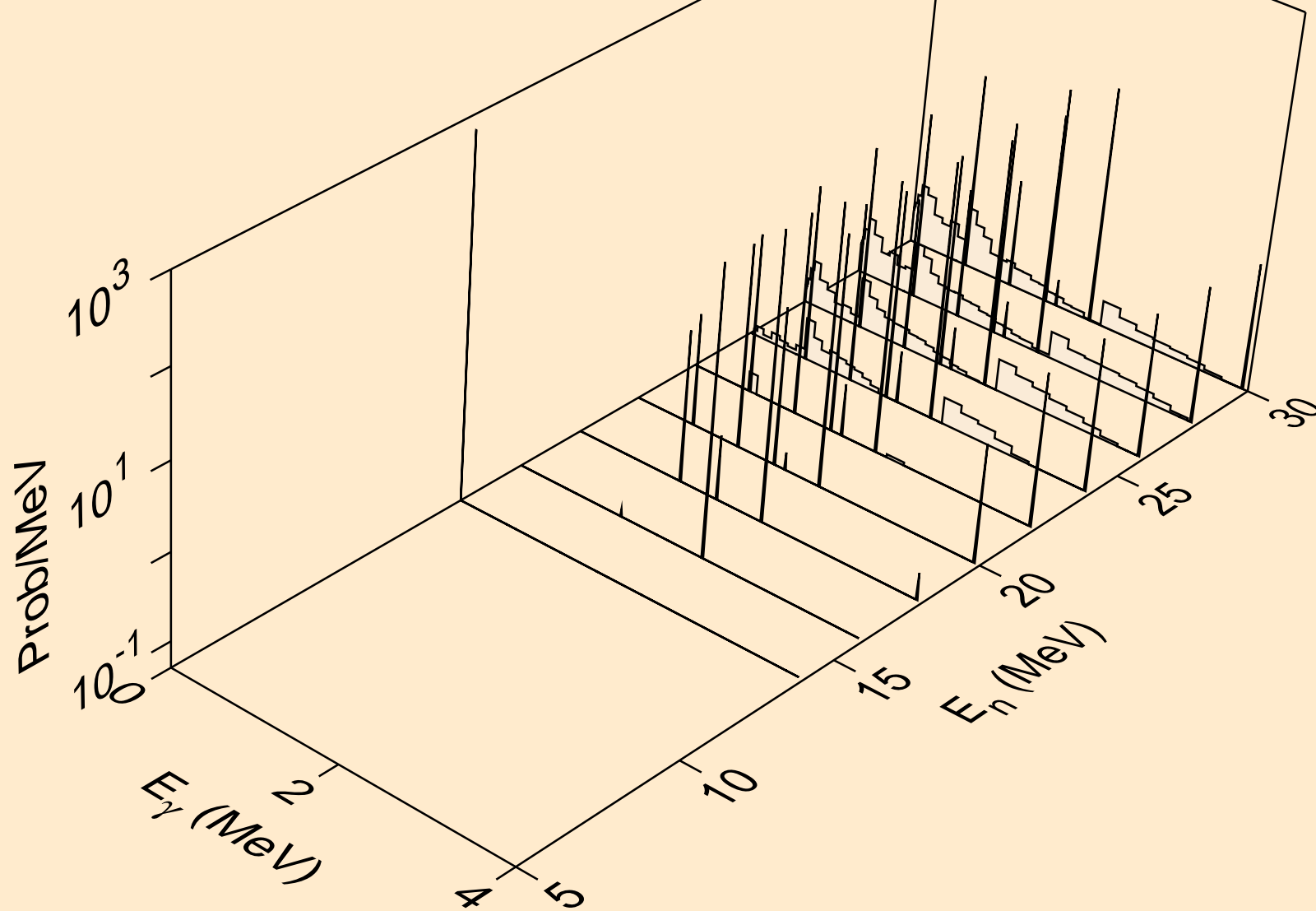




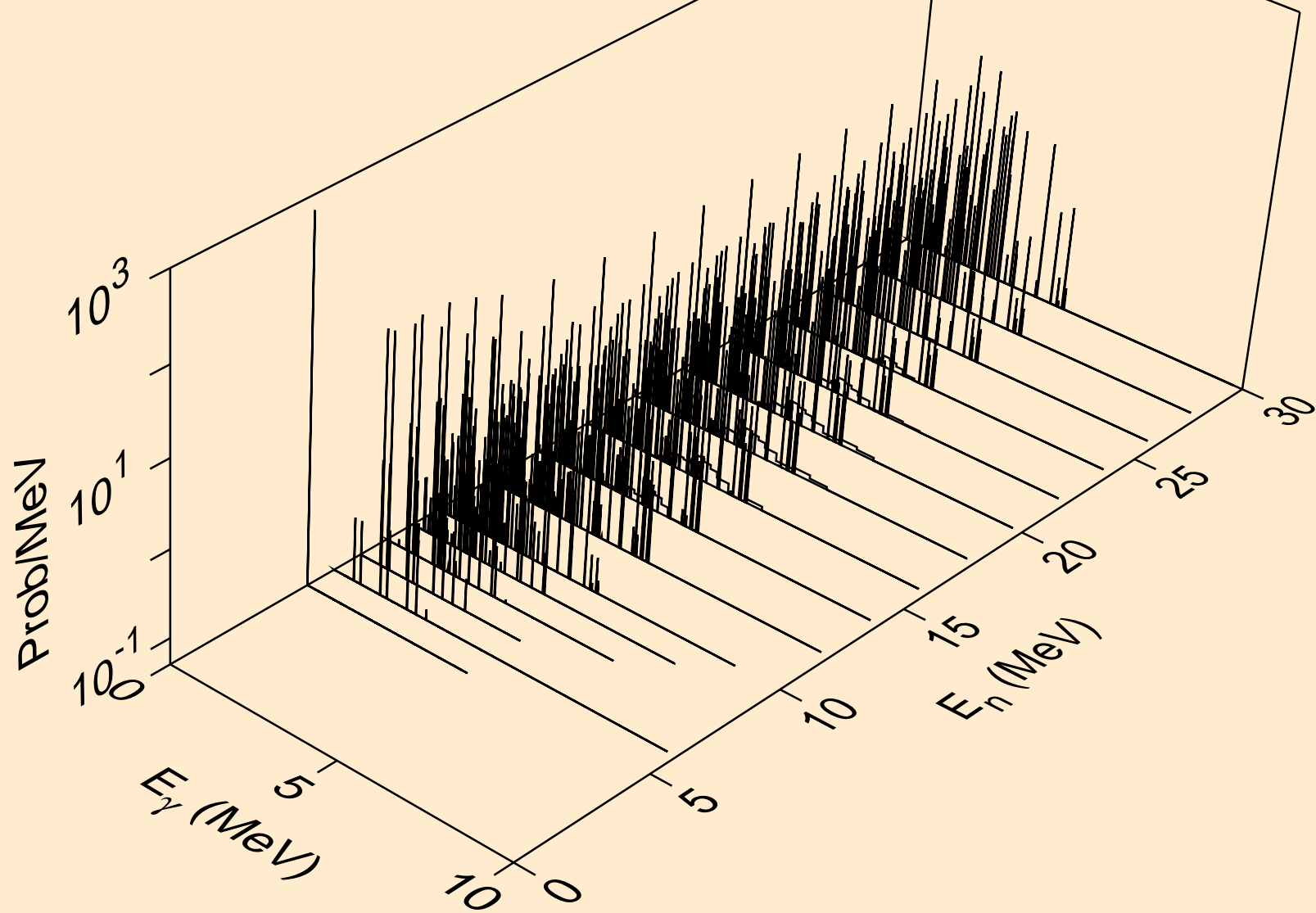
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



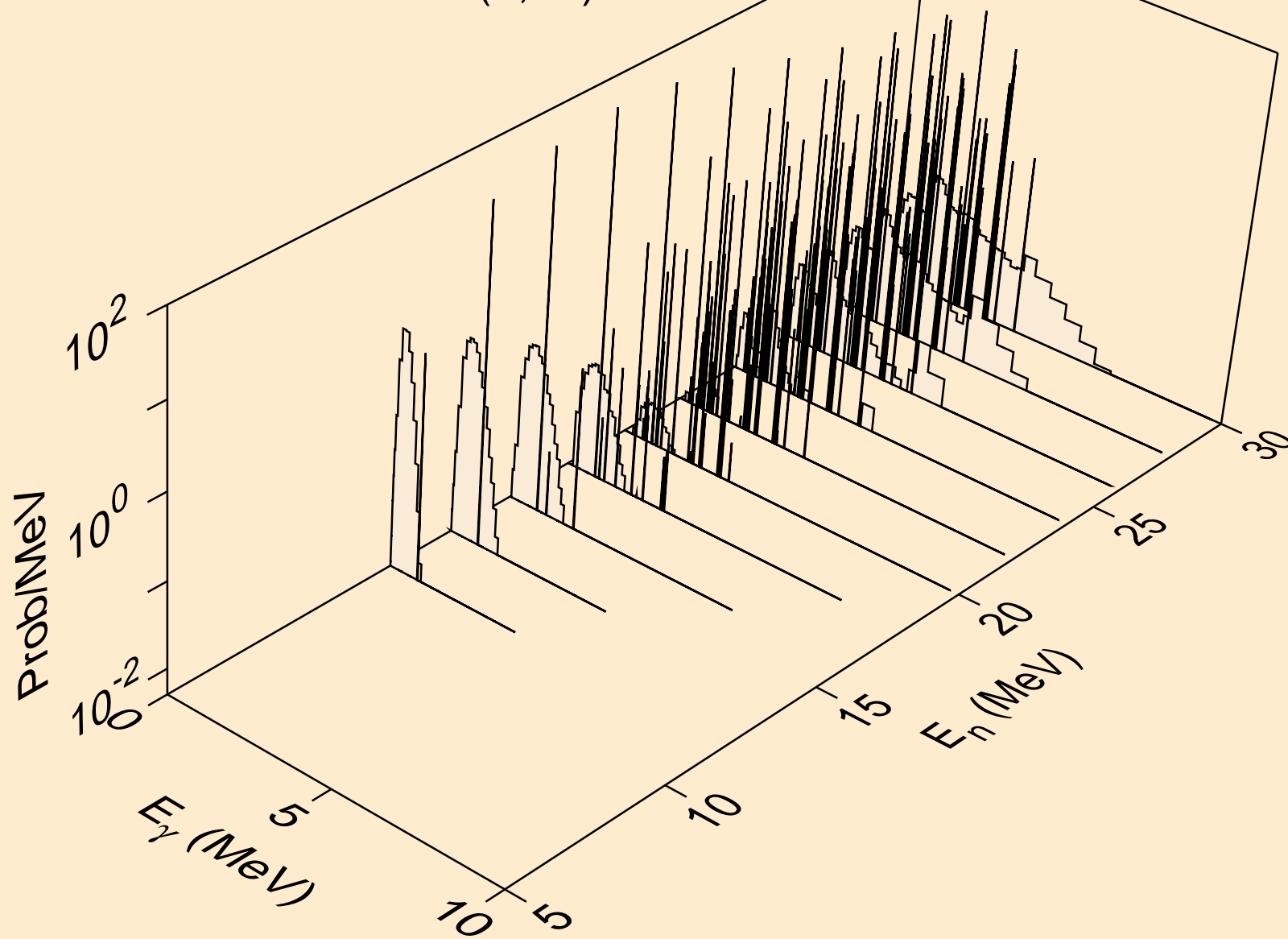
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



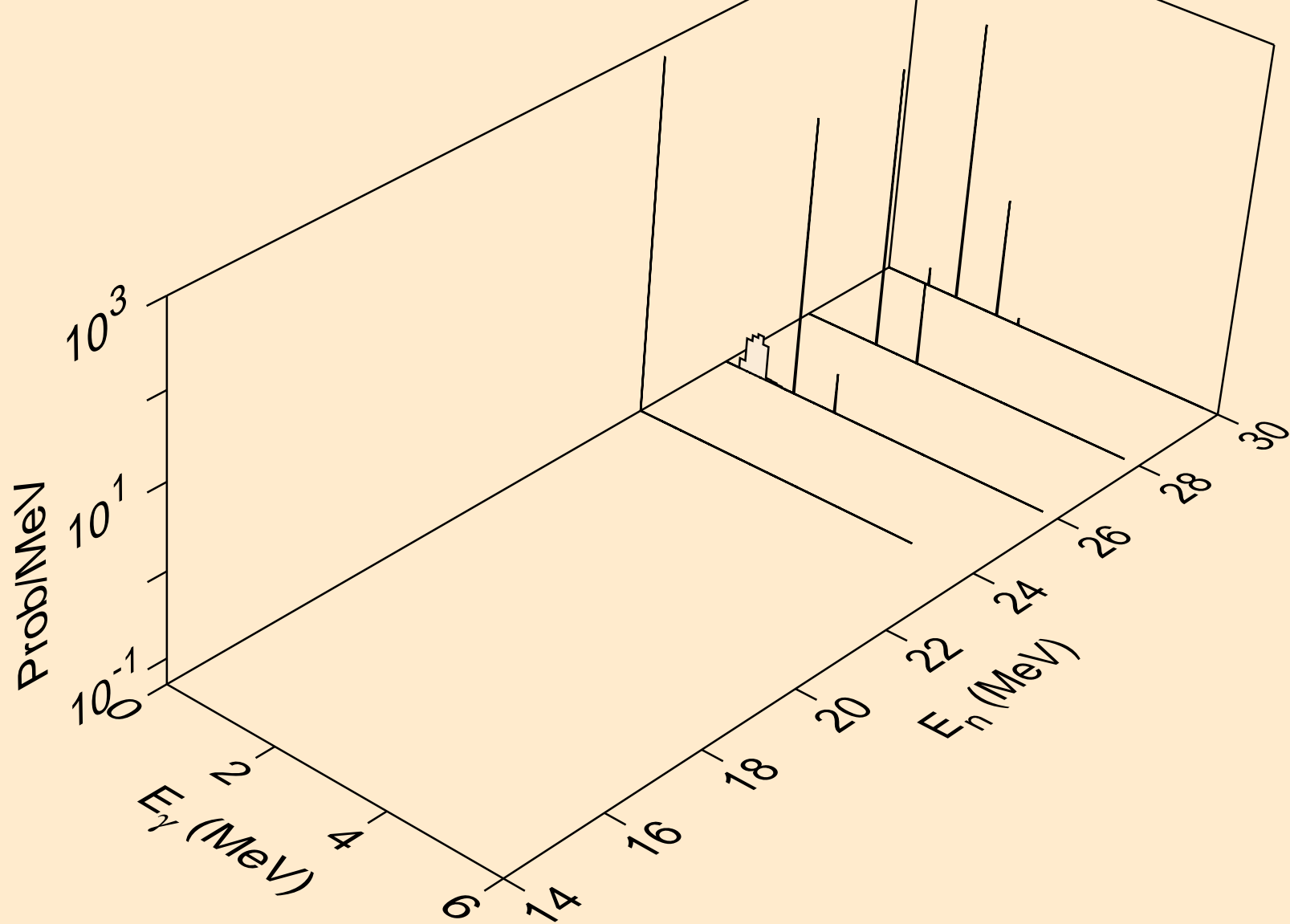
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



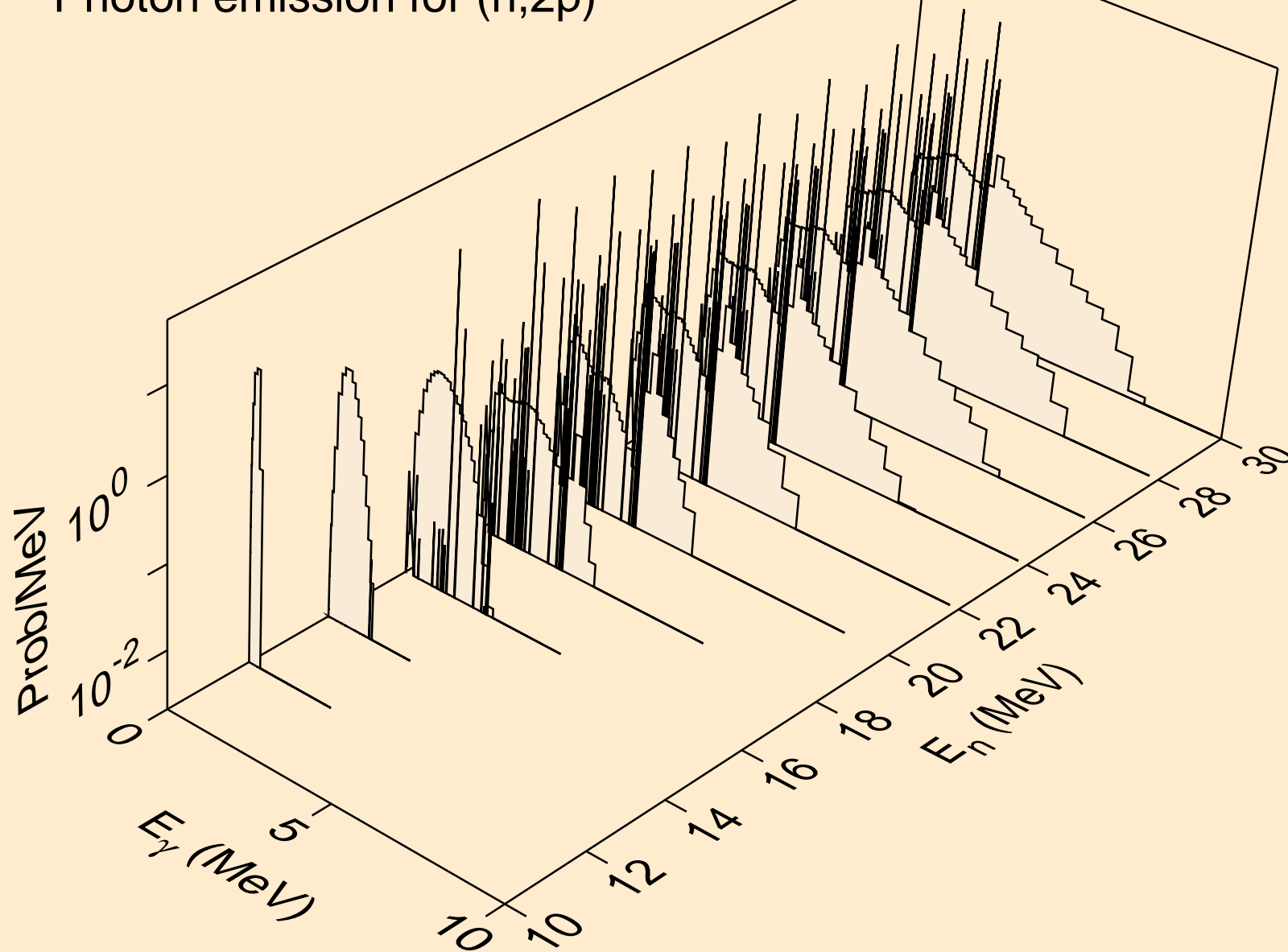
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



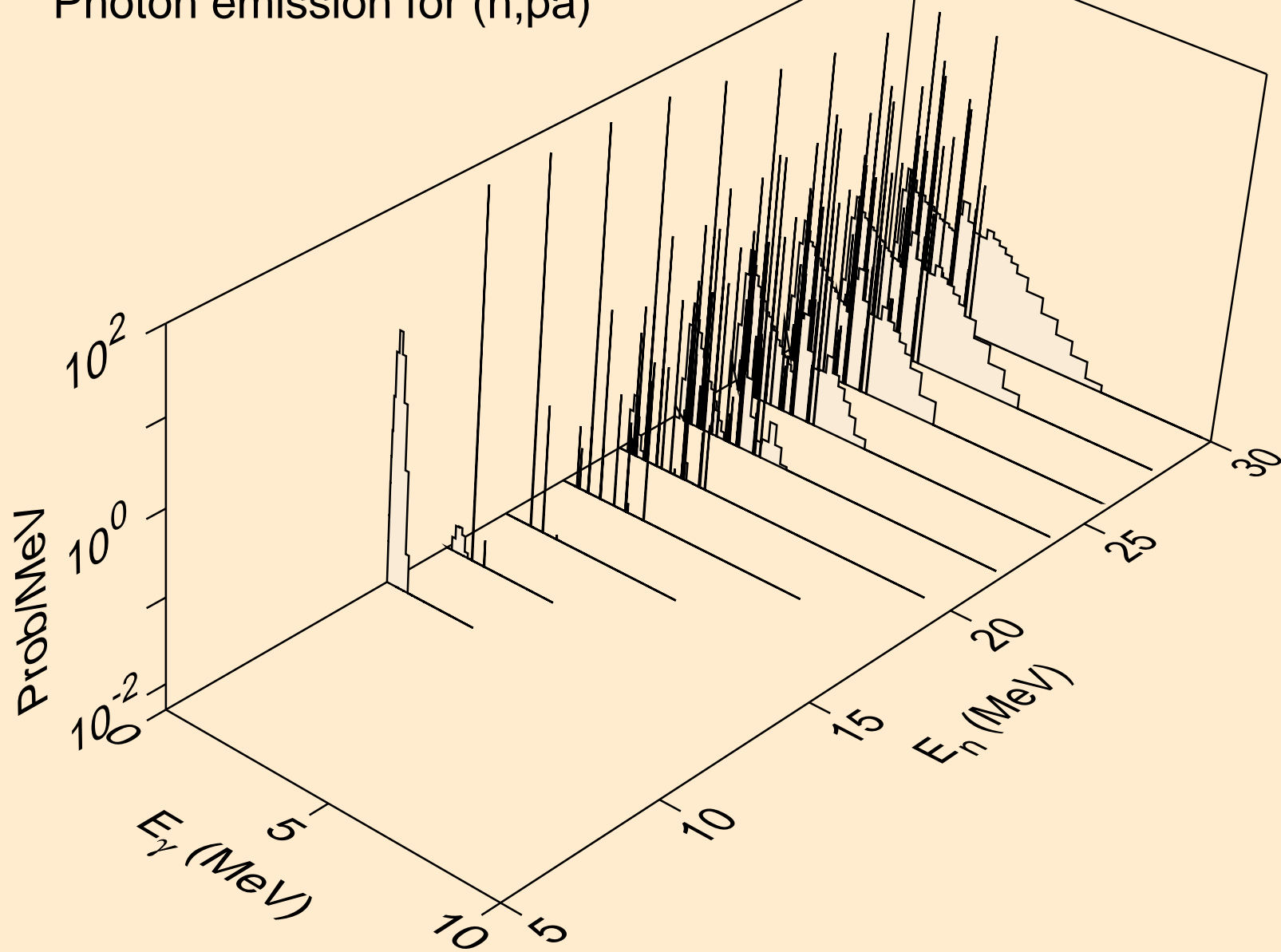
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



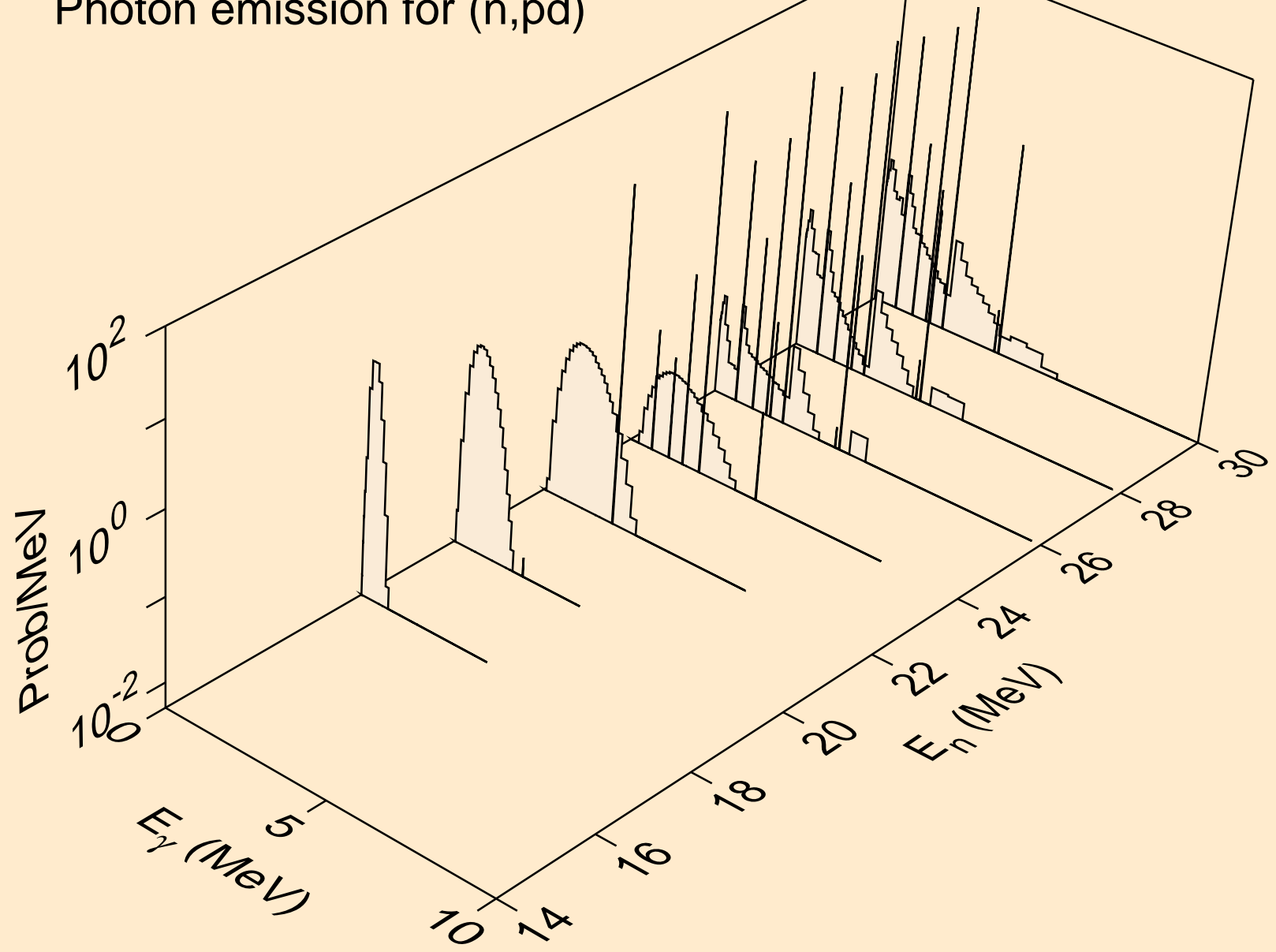
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

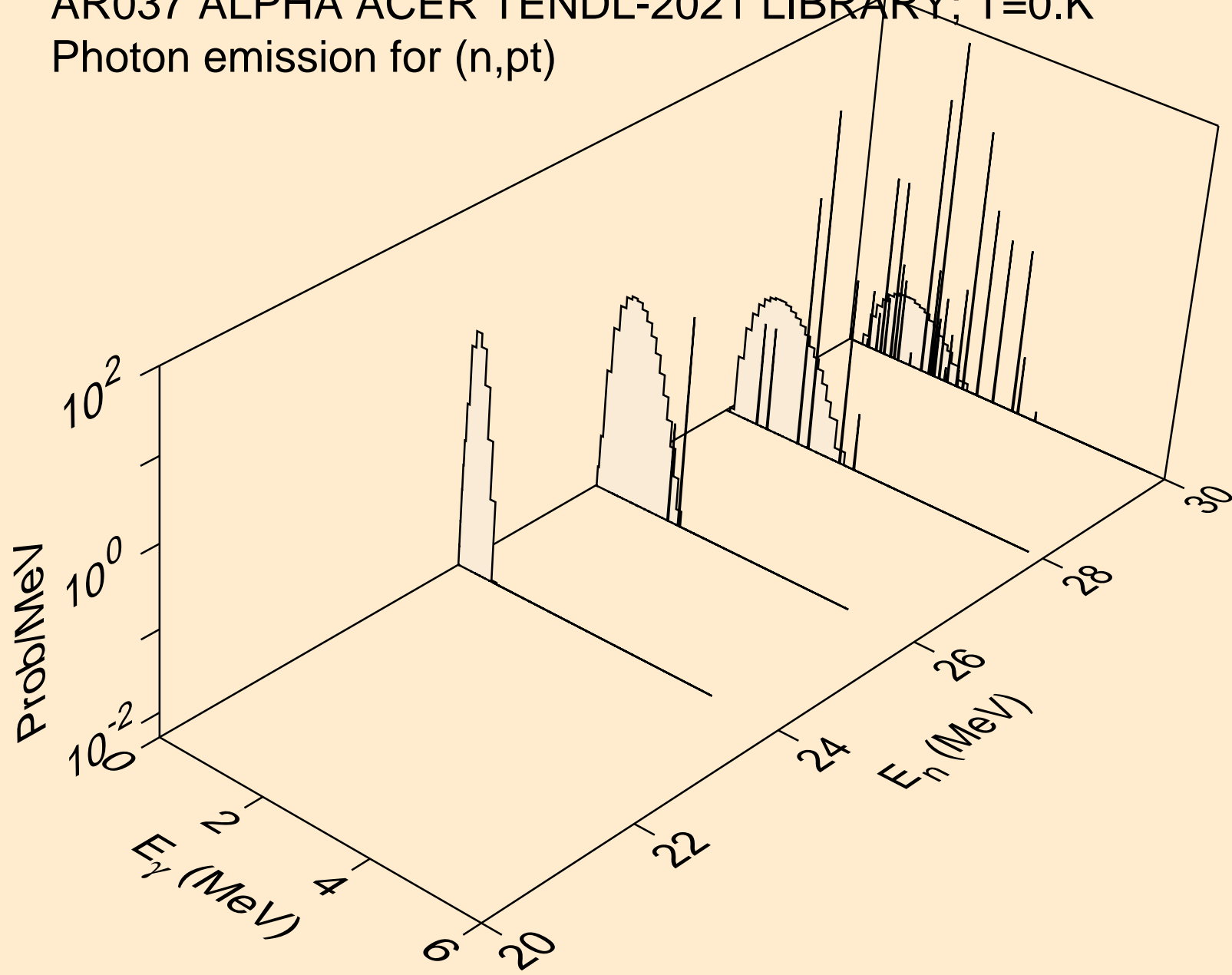


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

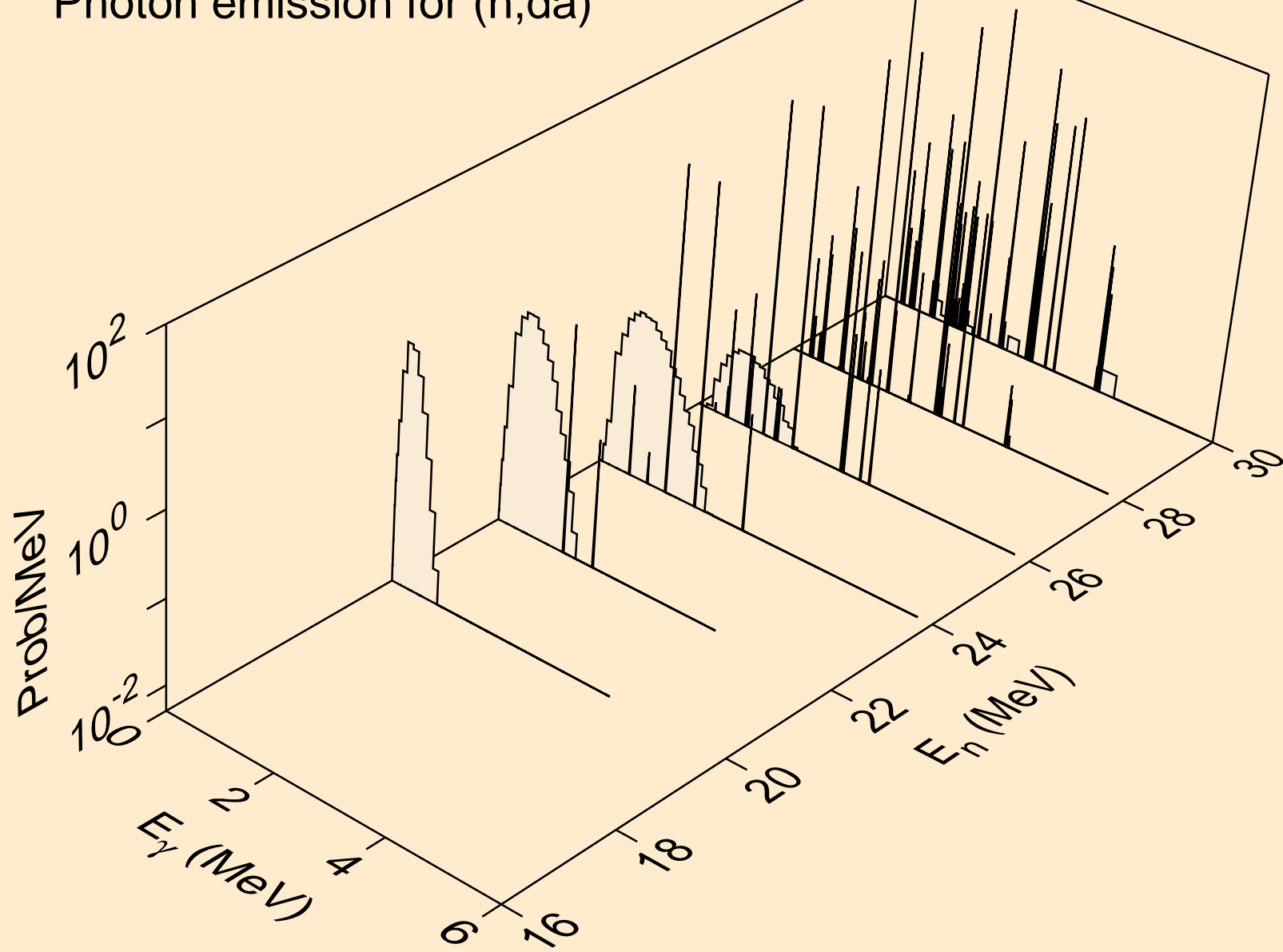




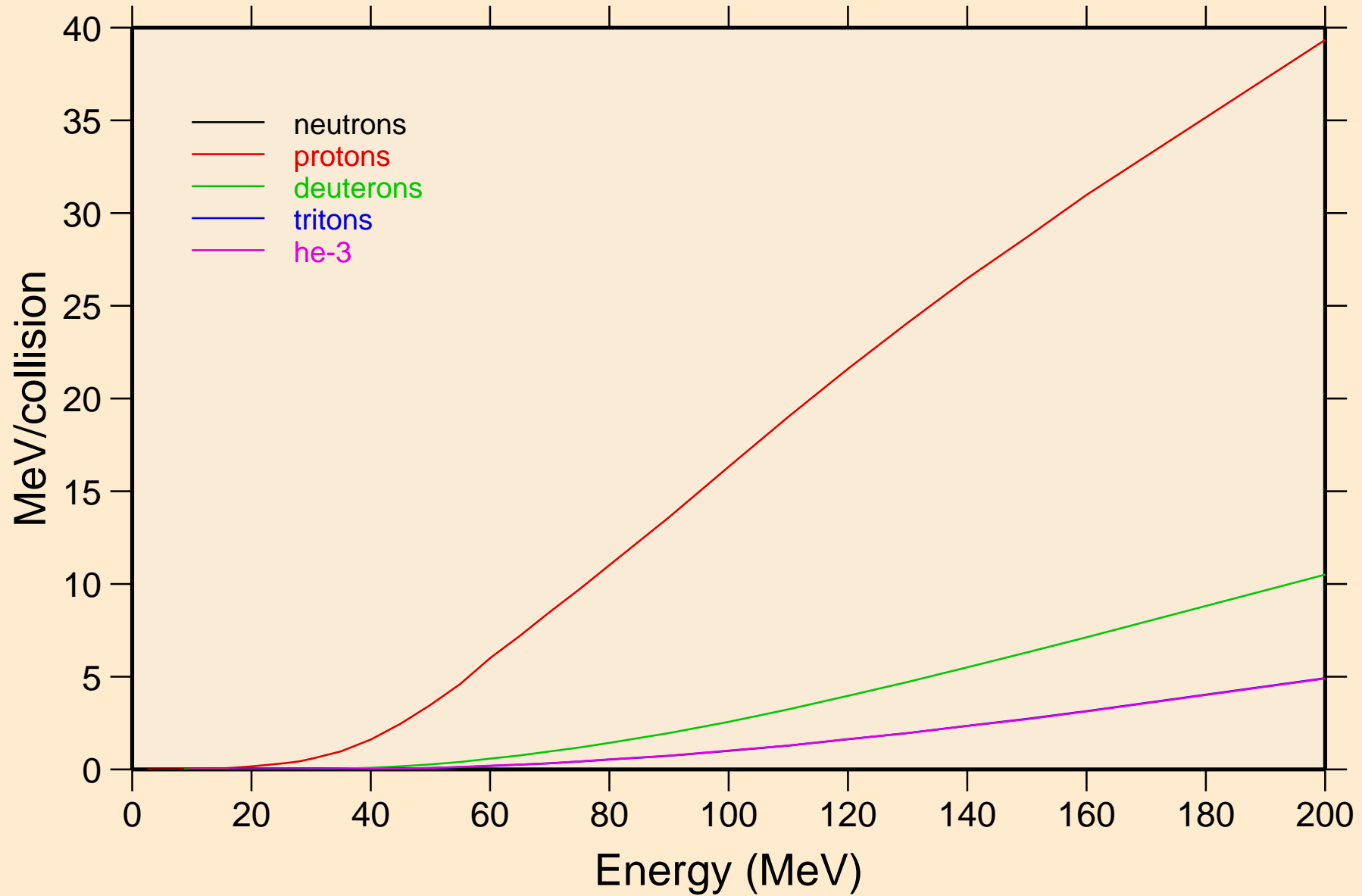
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



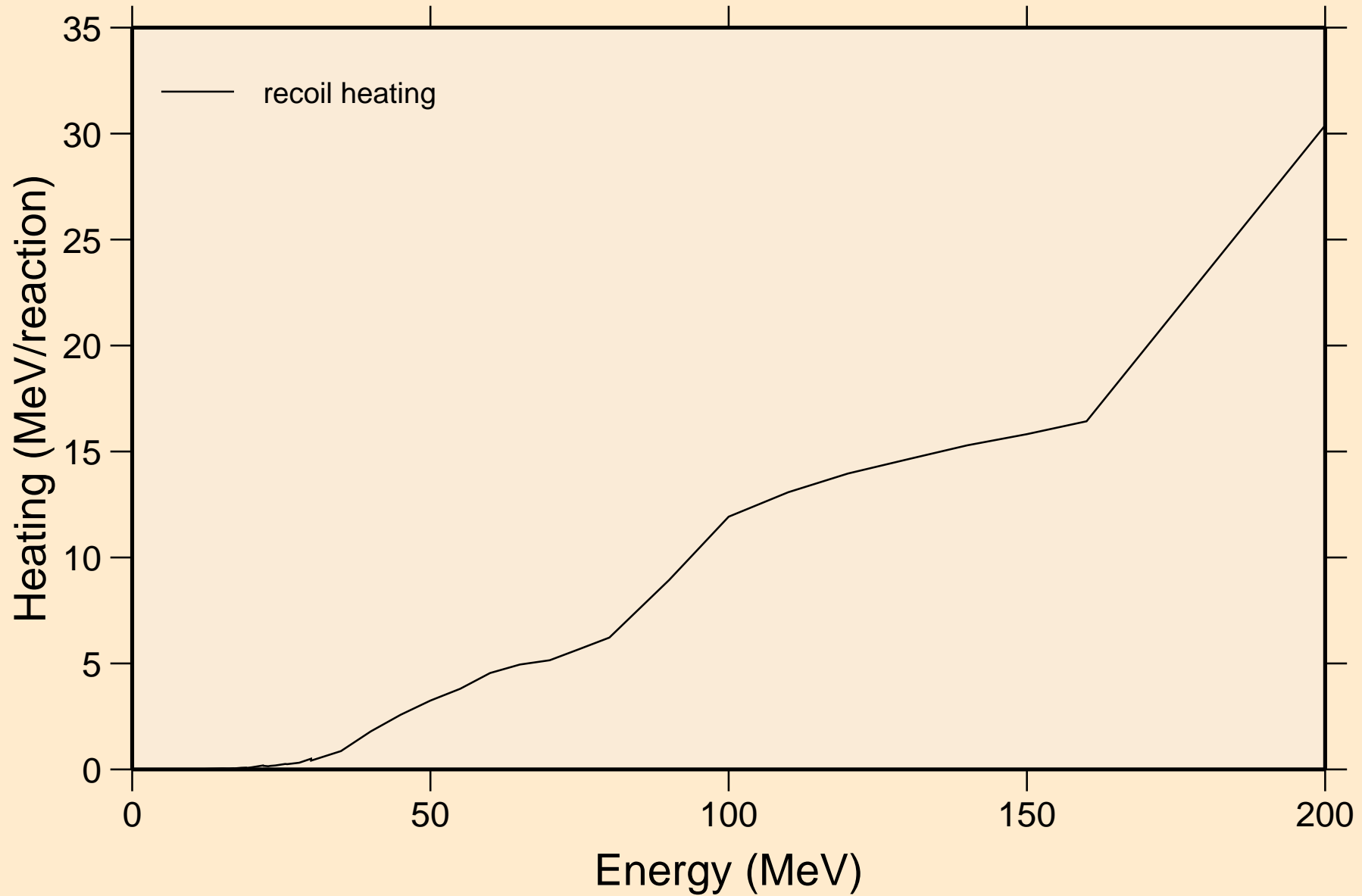
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

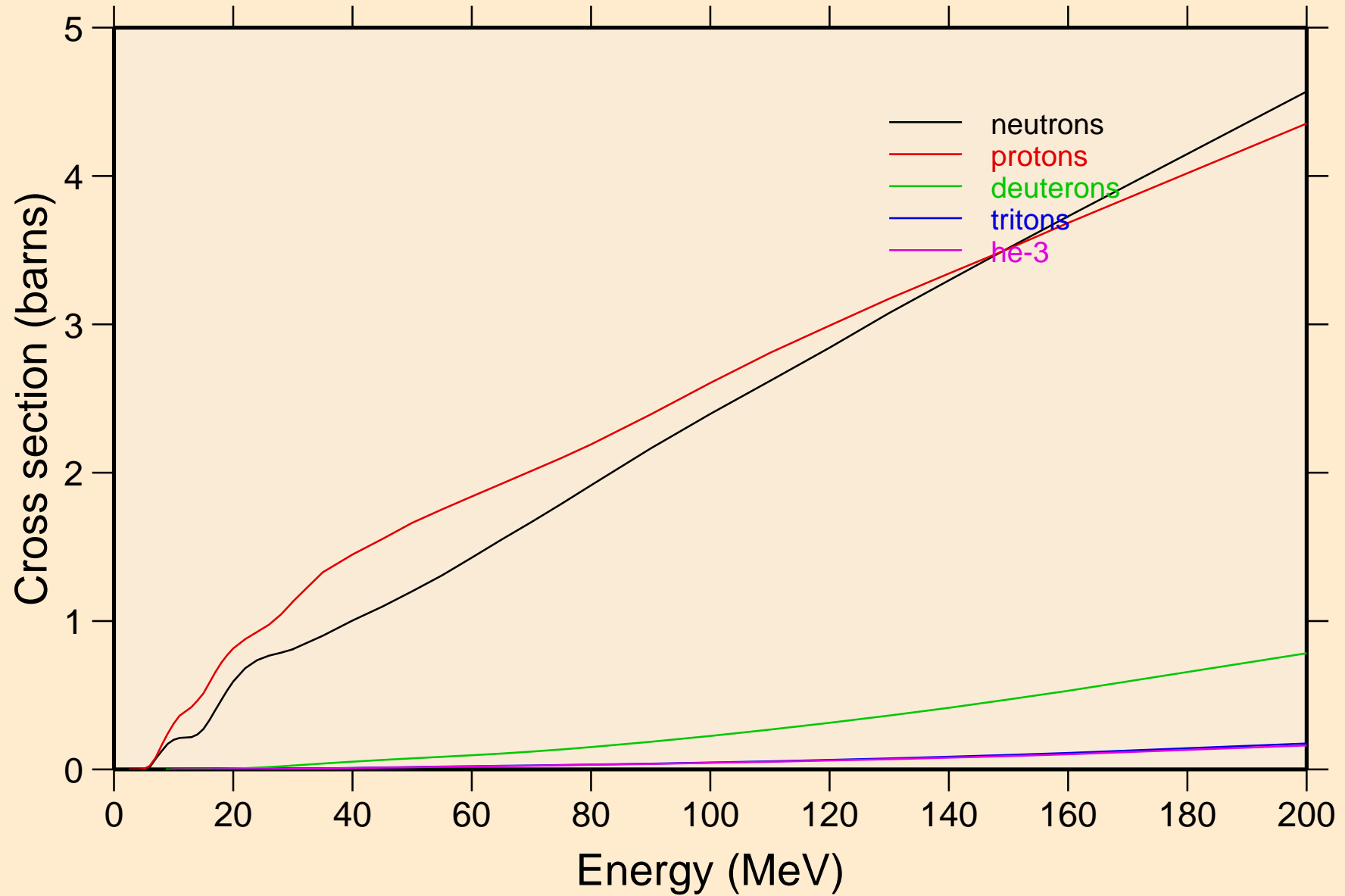


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

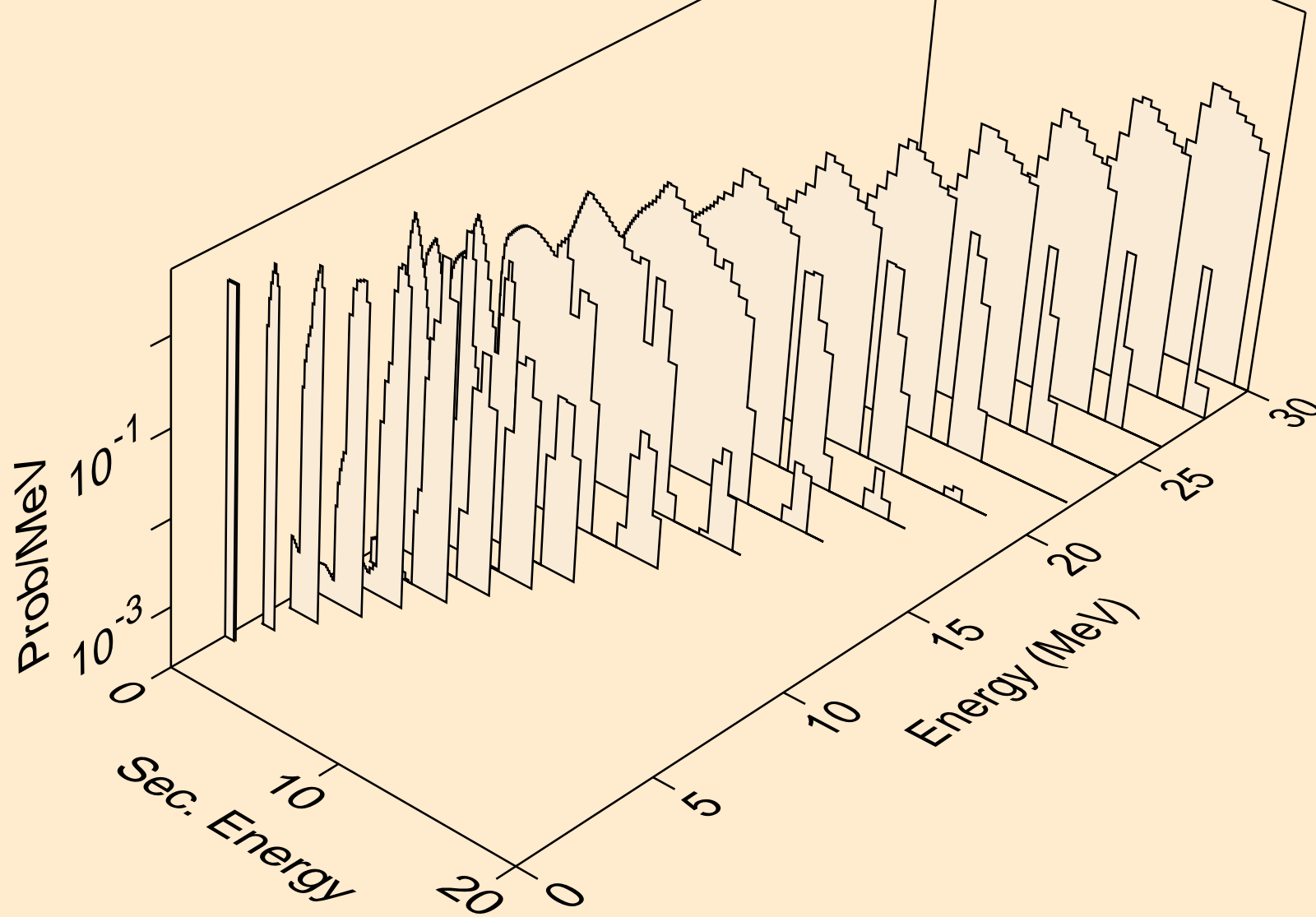


# AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

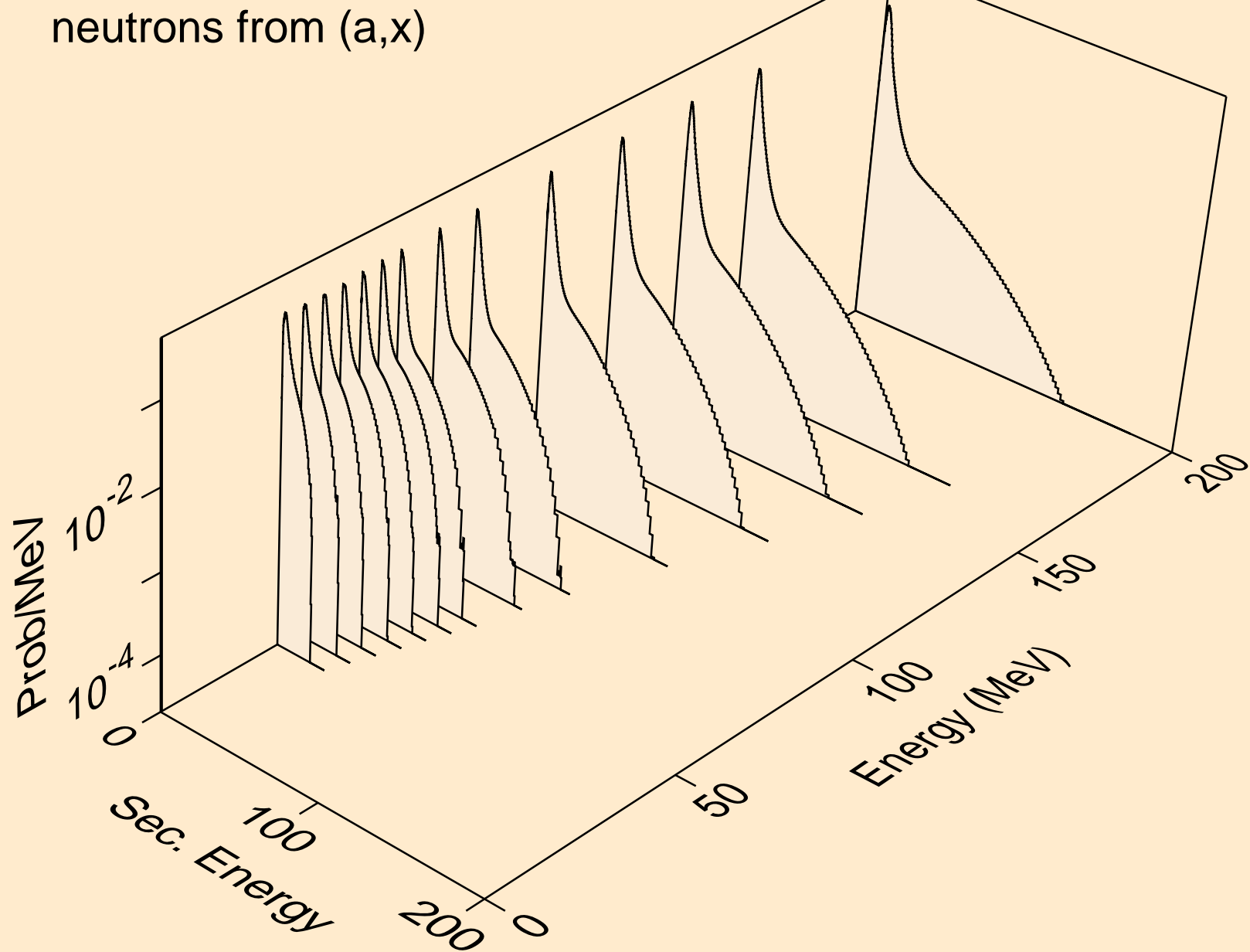
## Particle production cross sections



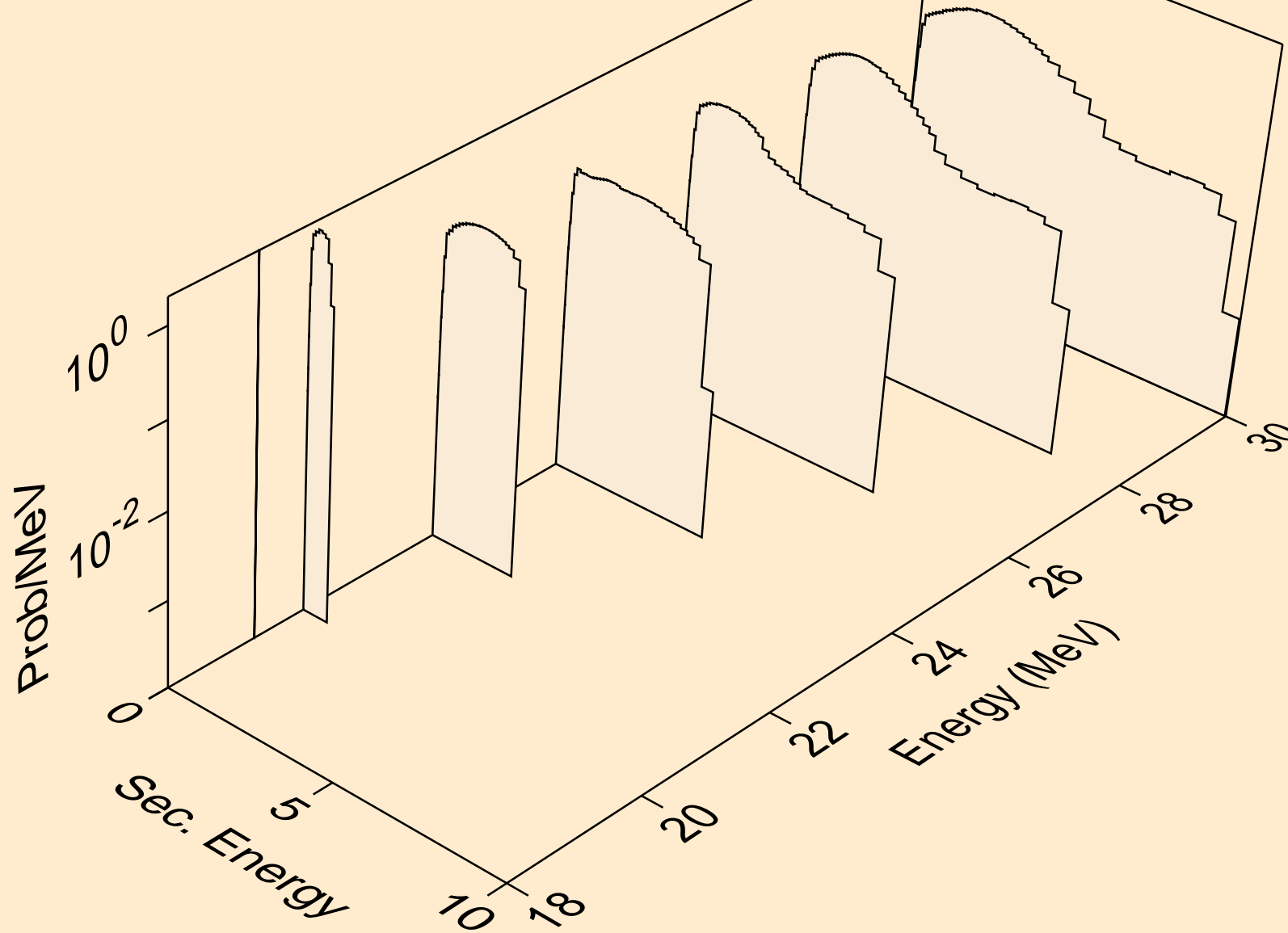
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

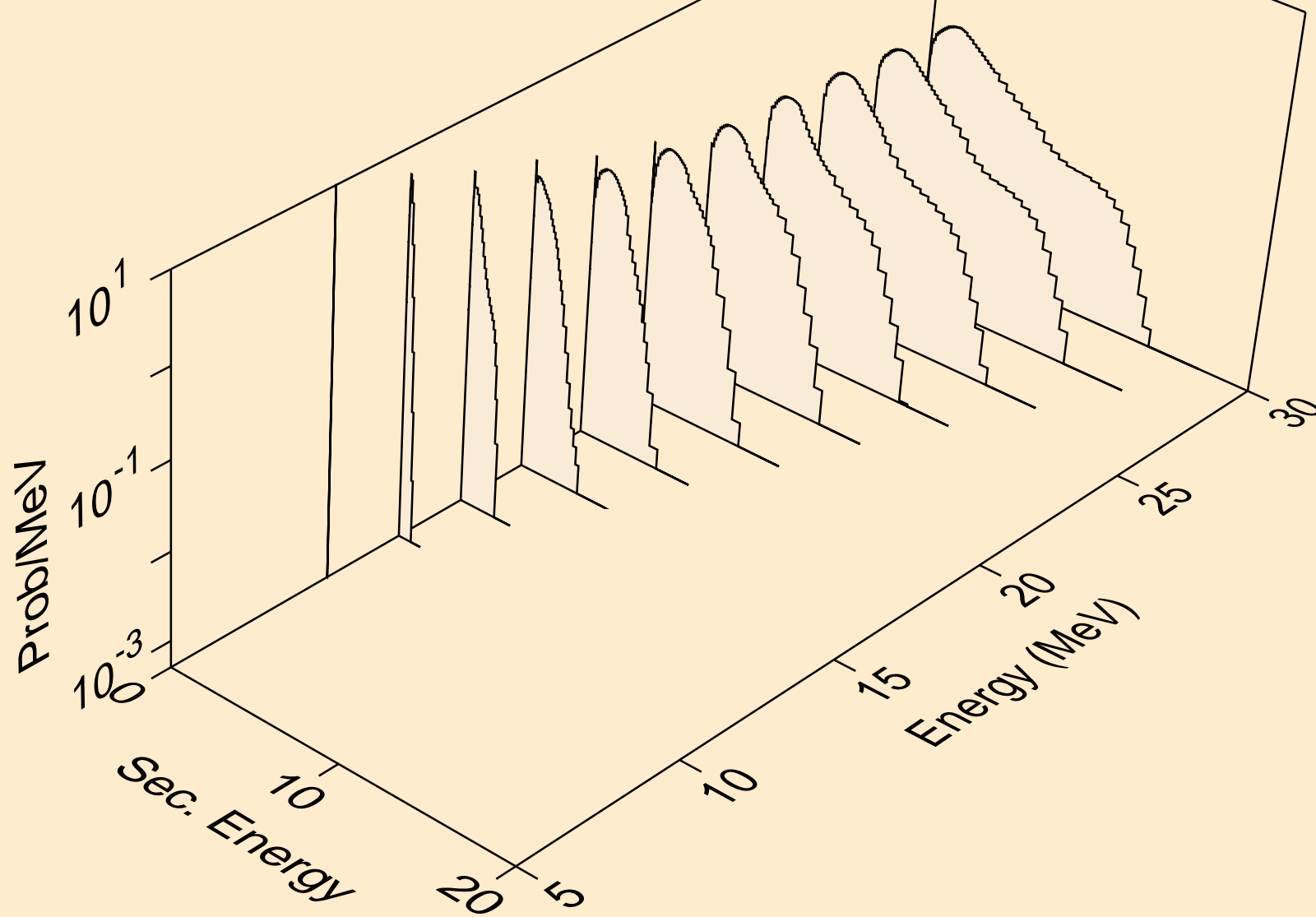


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

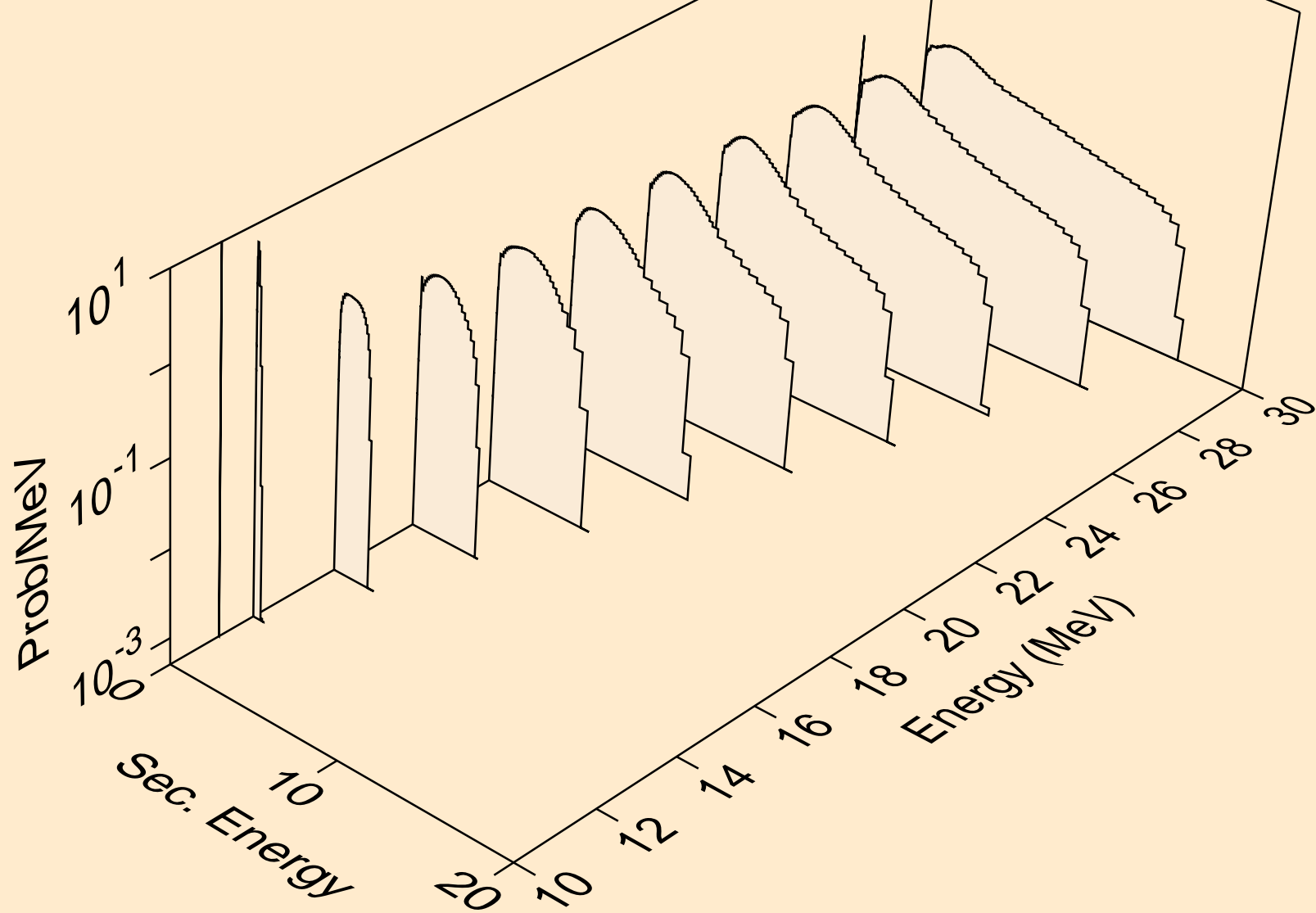




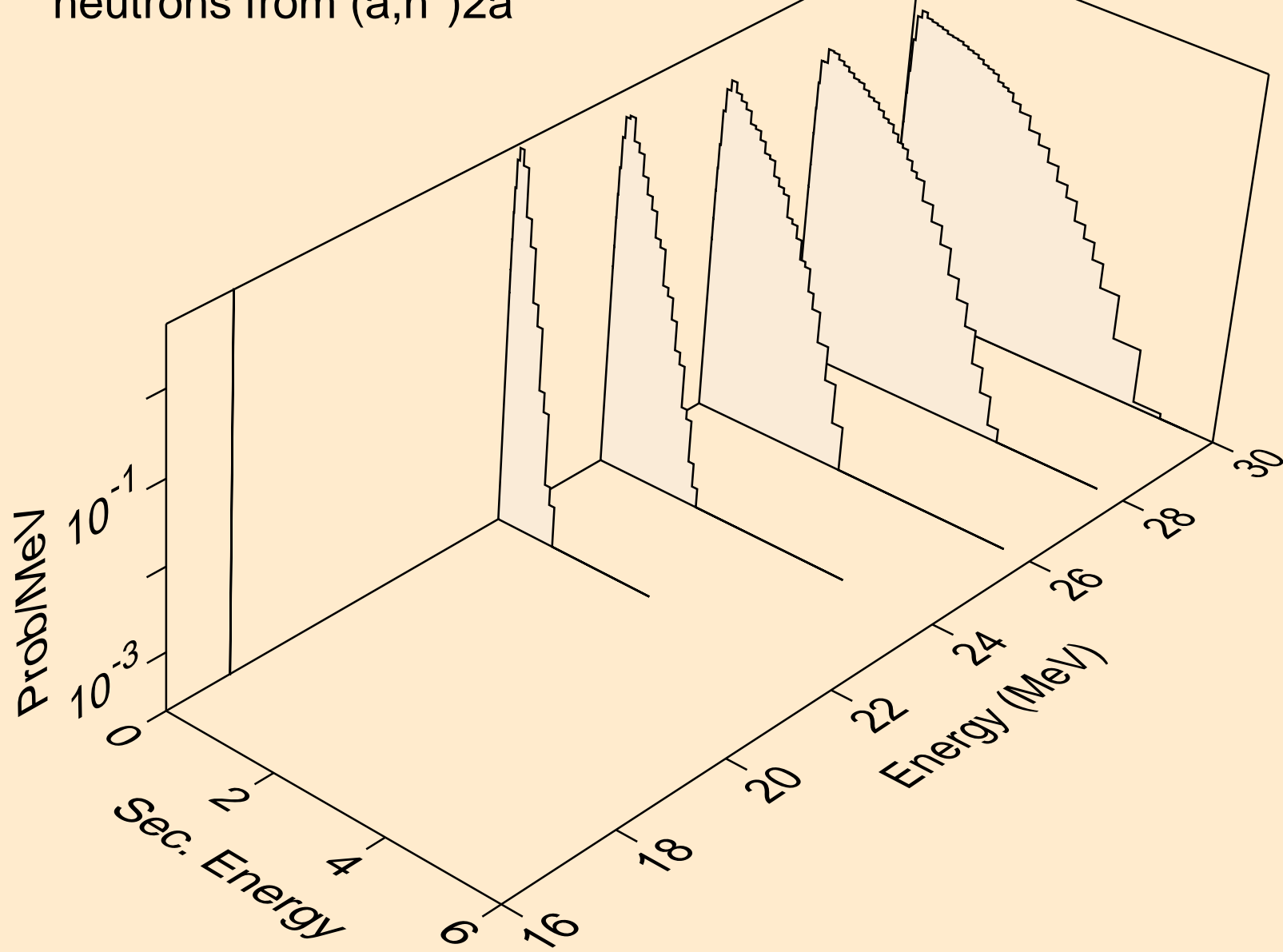
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



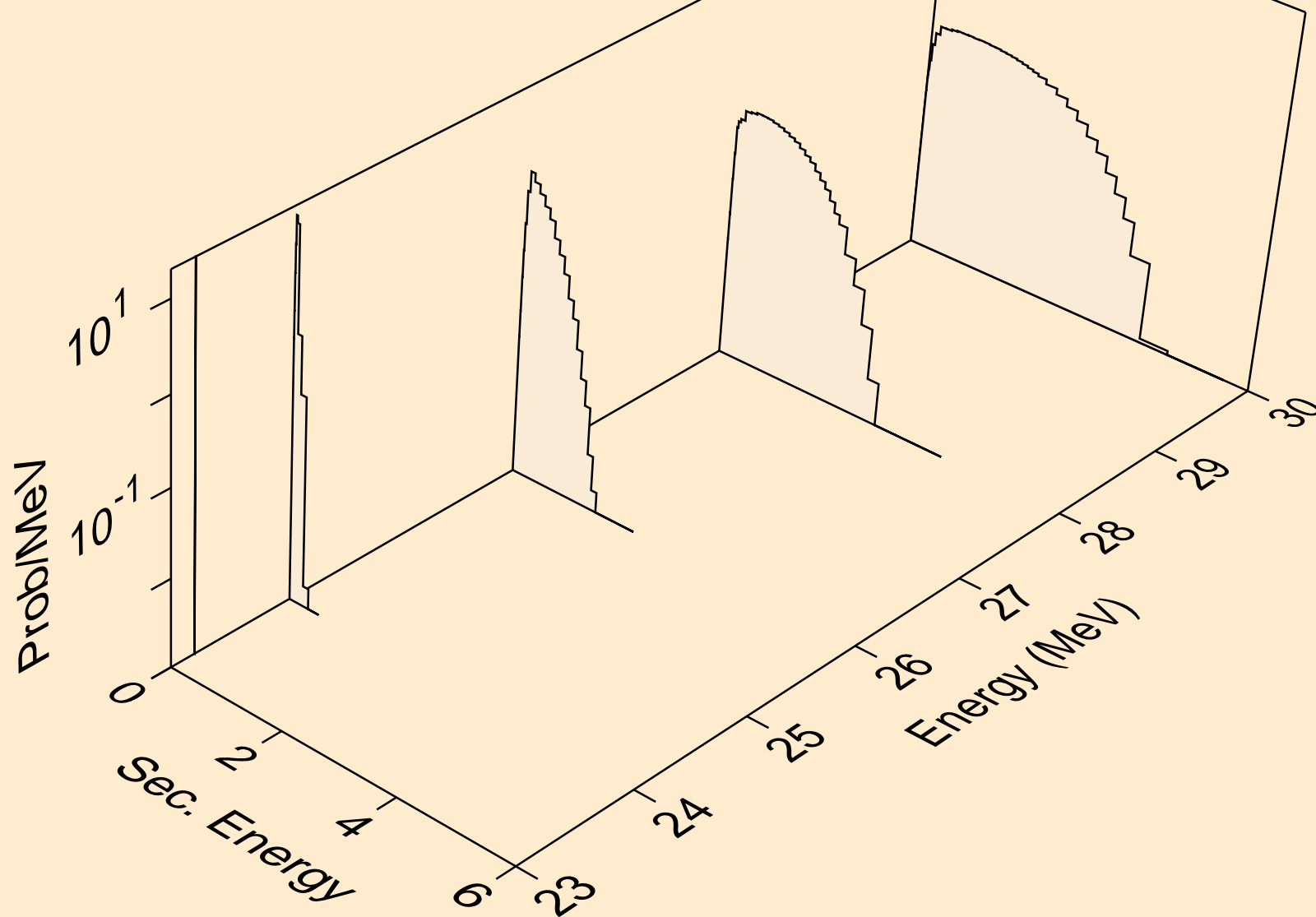
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



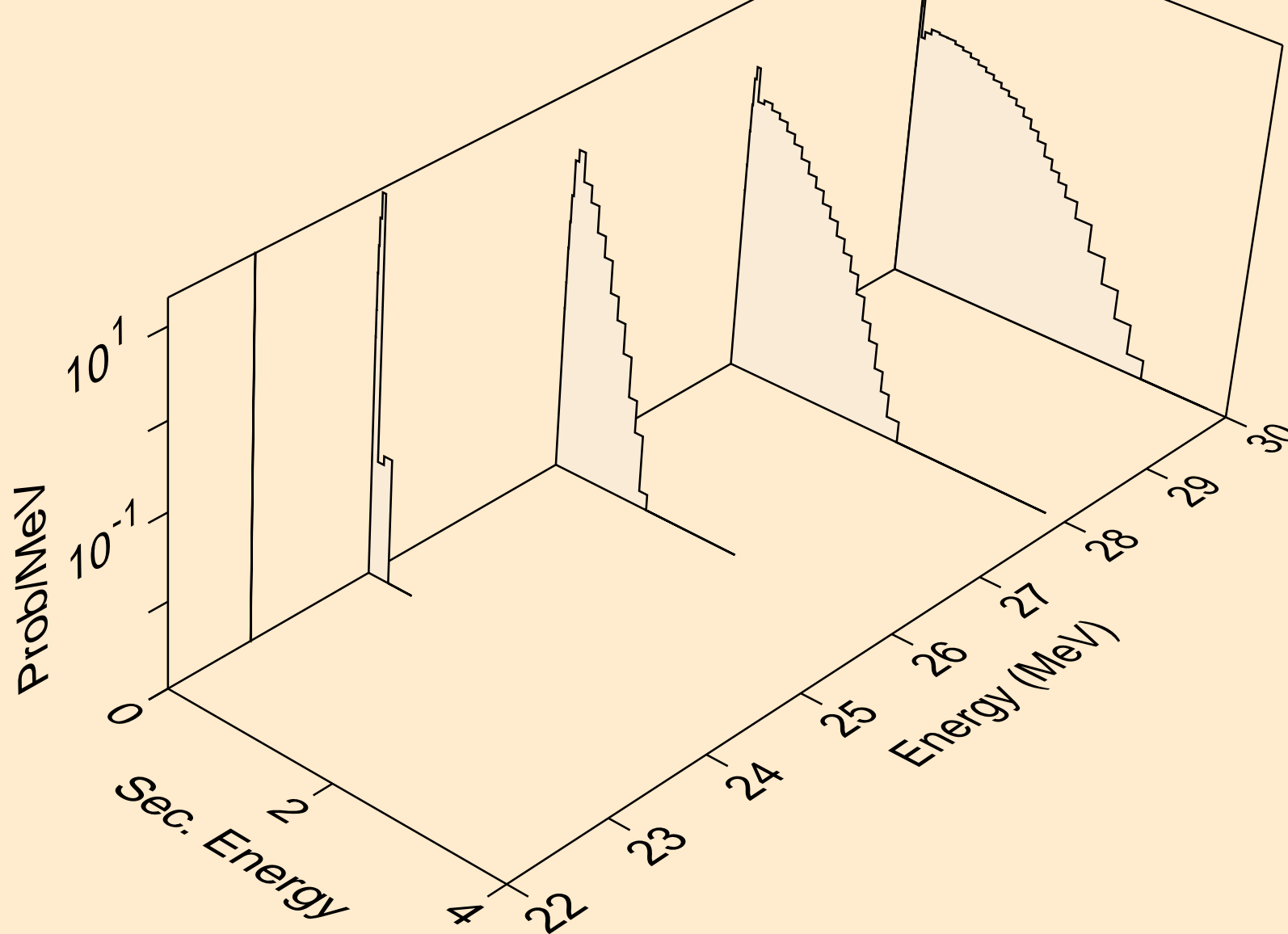
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



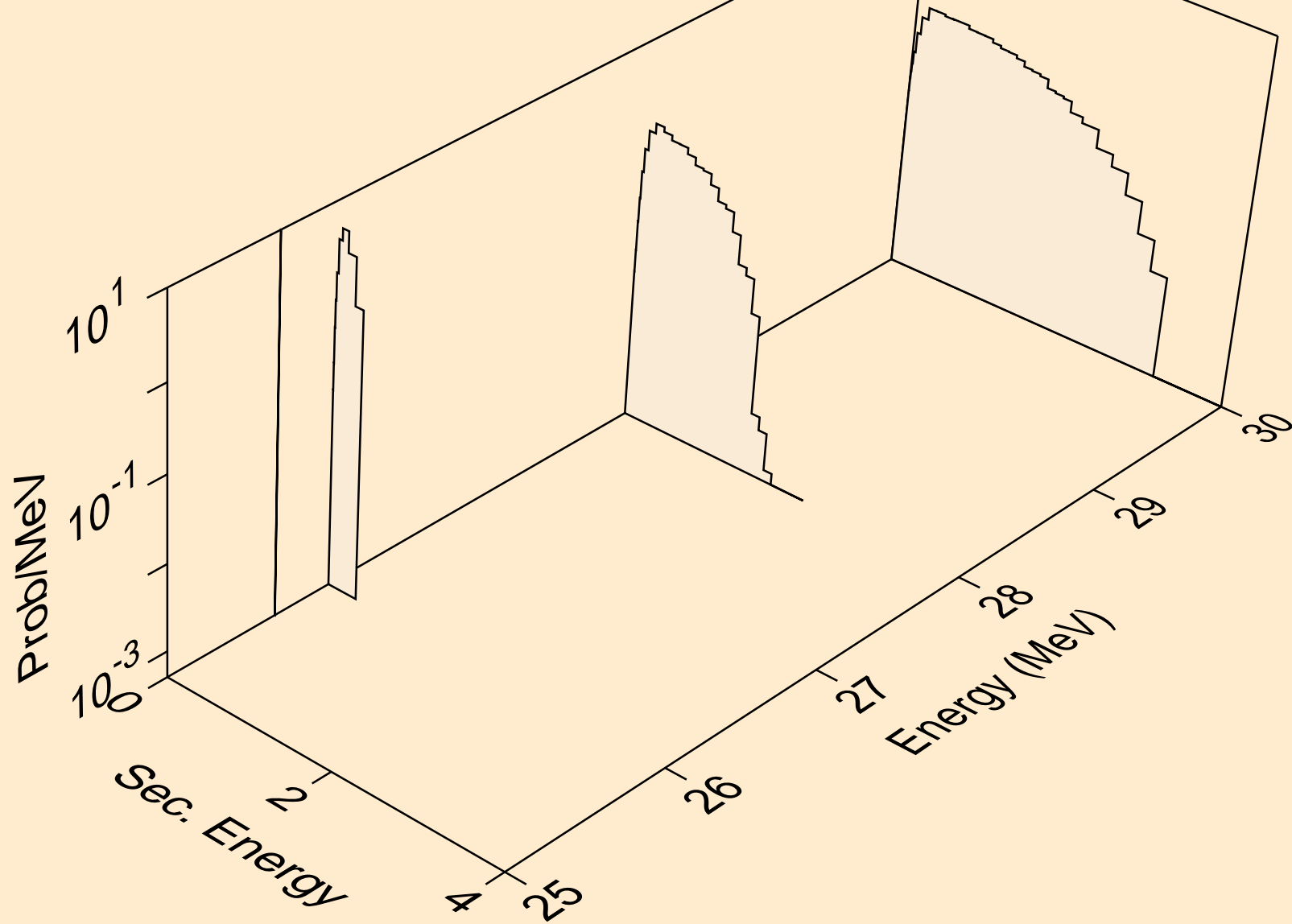
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



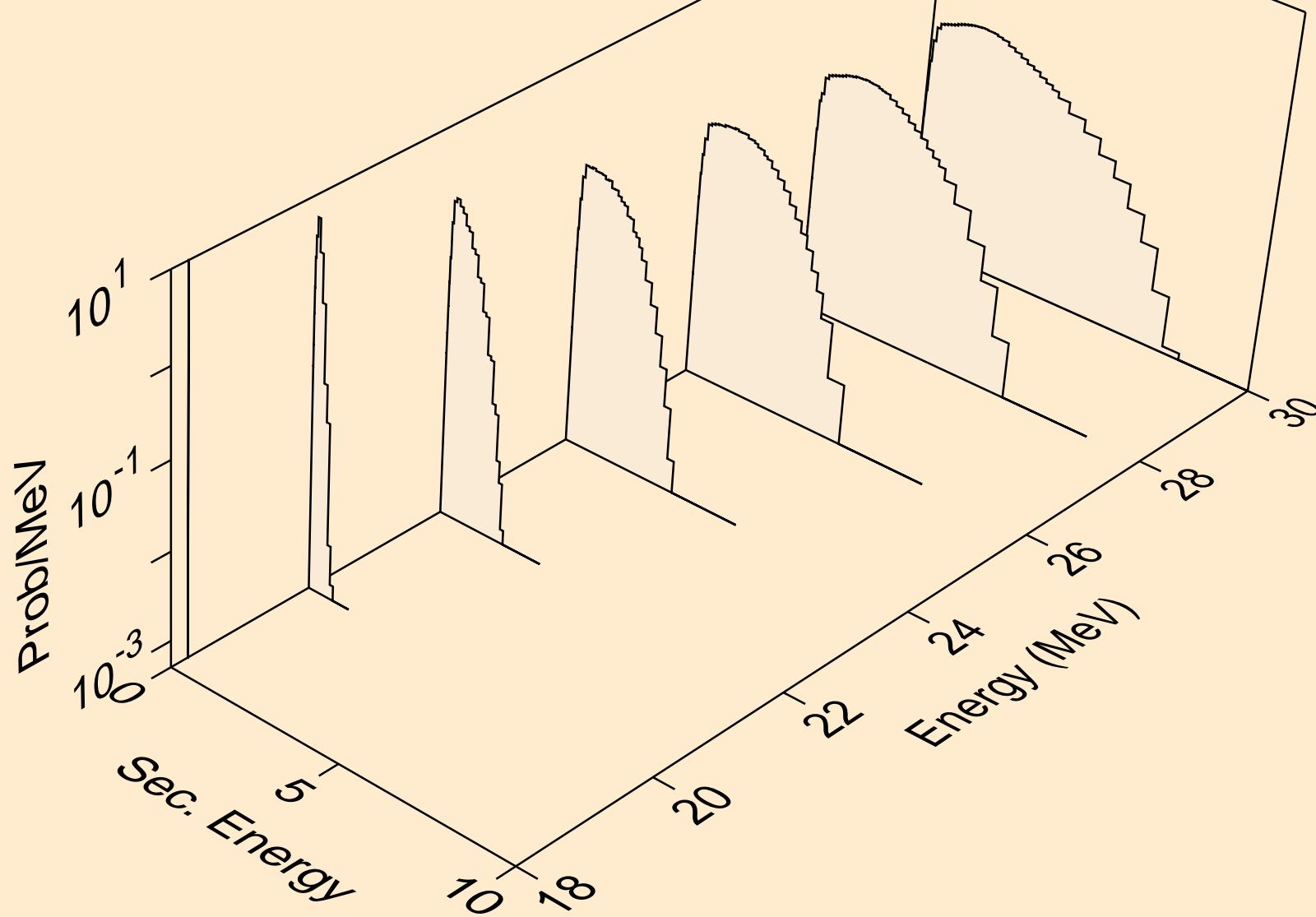
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



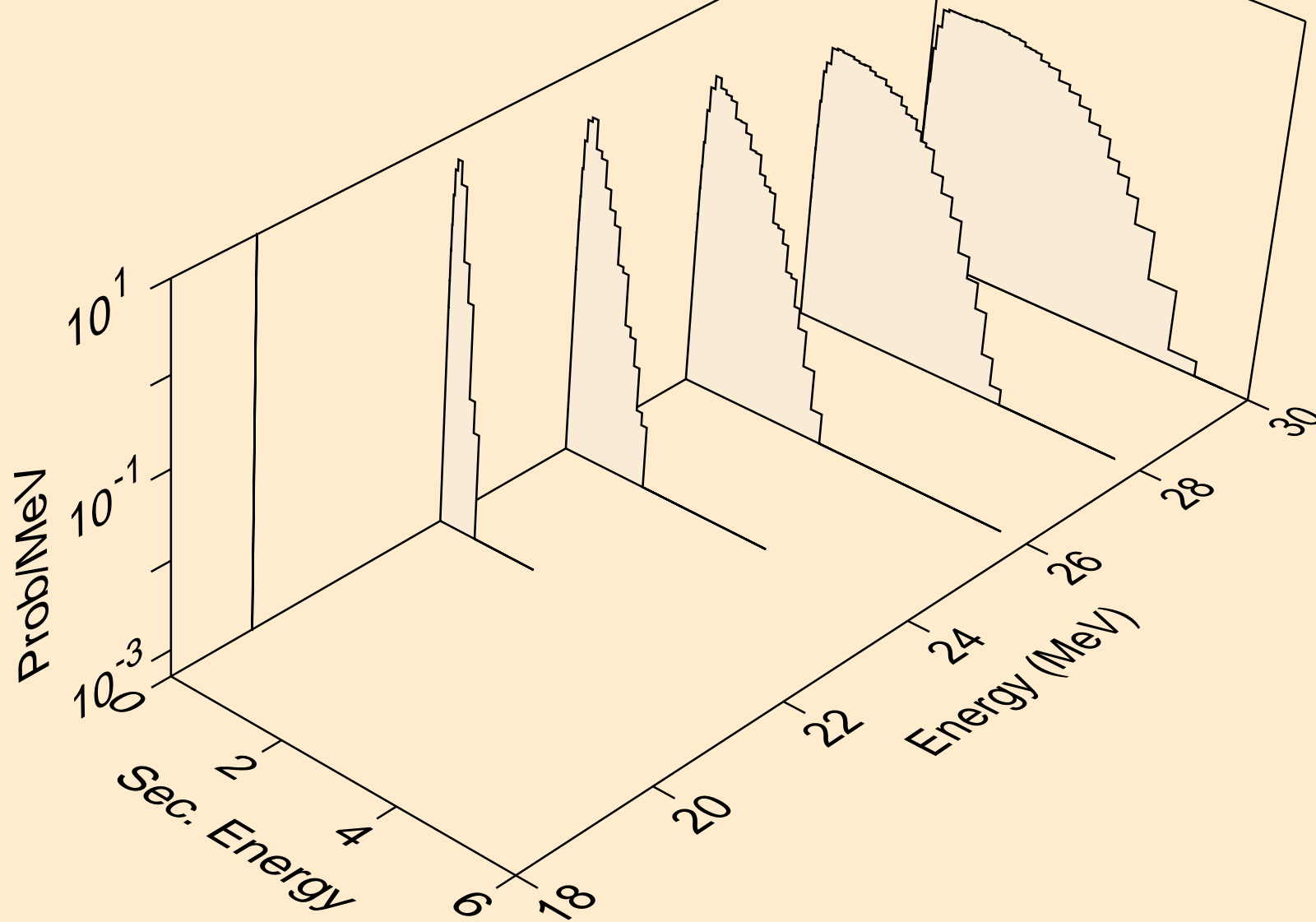
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

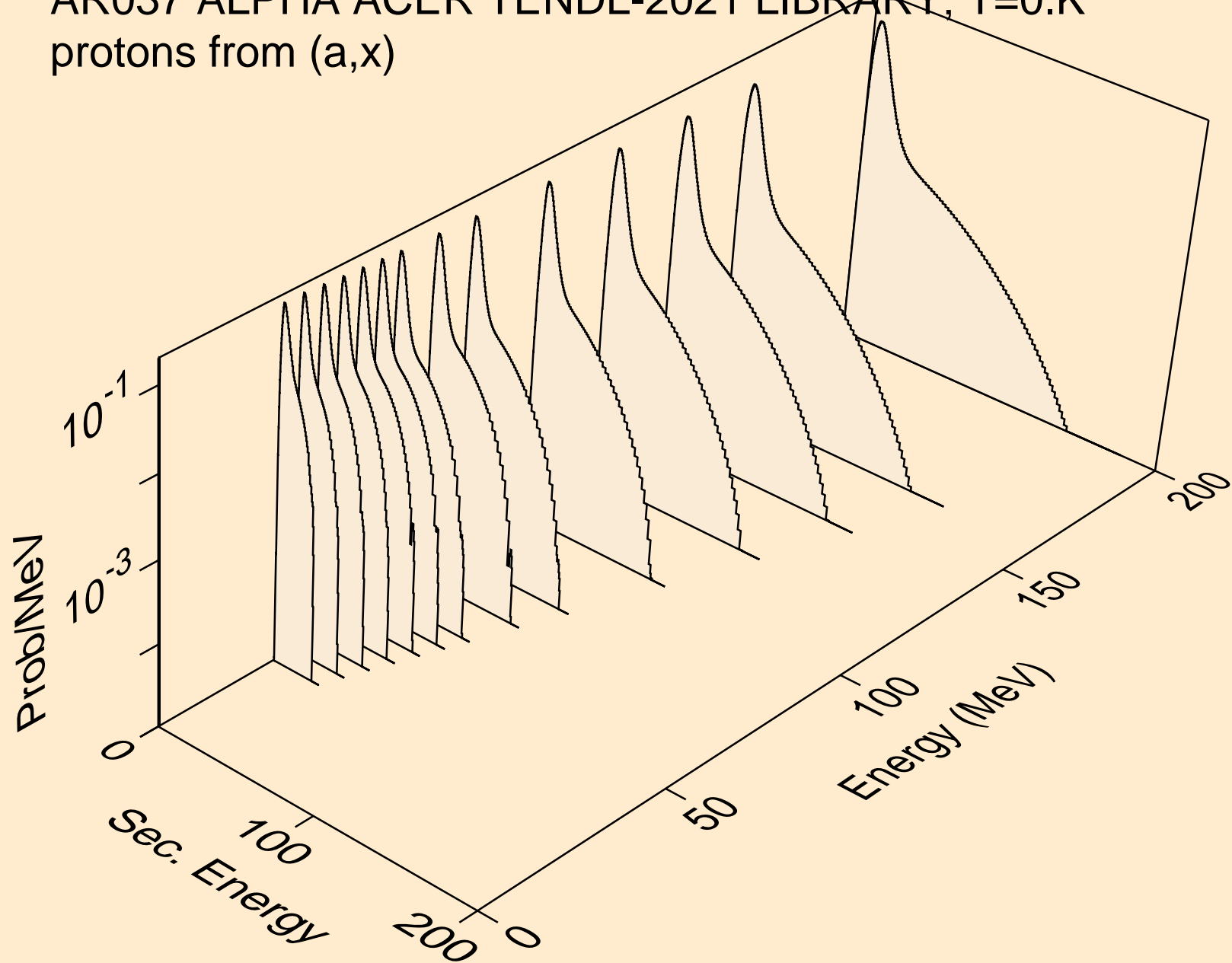


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)

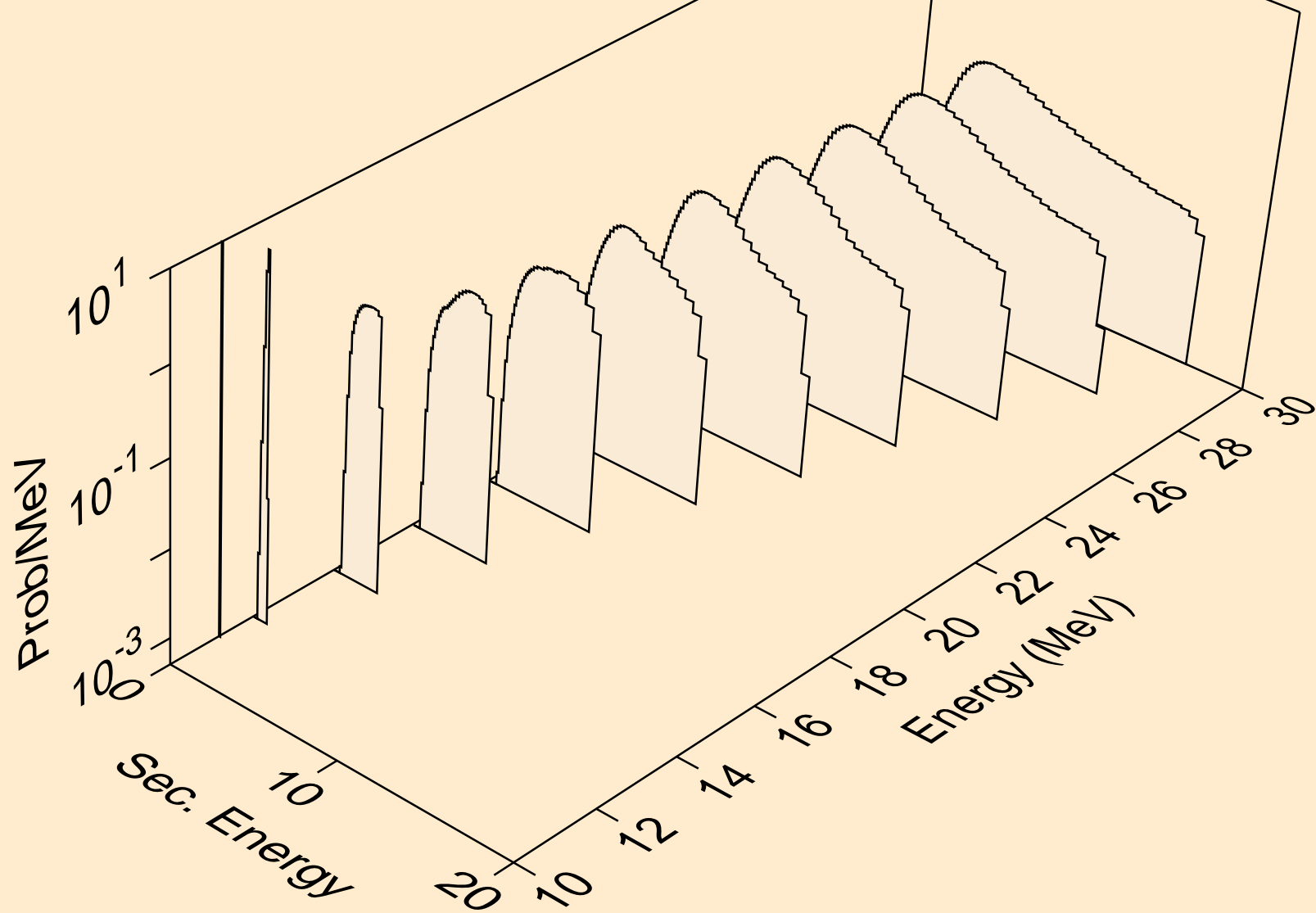




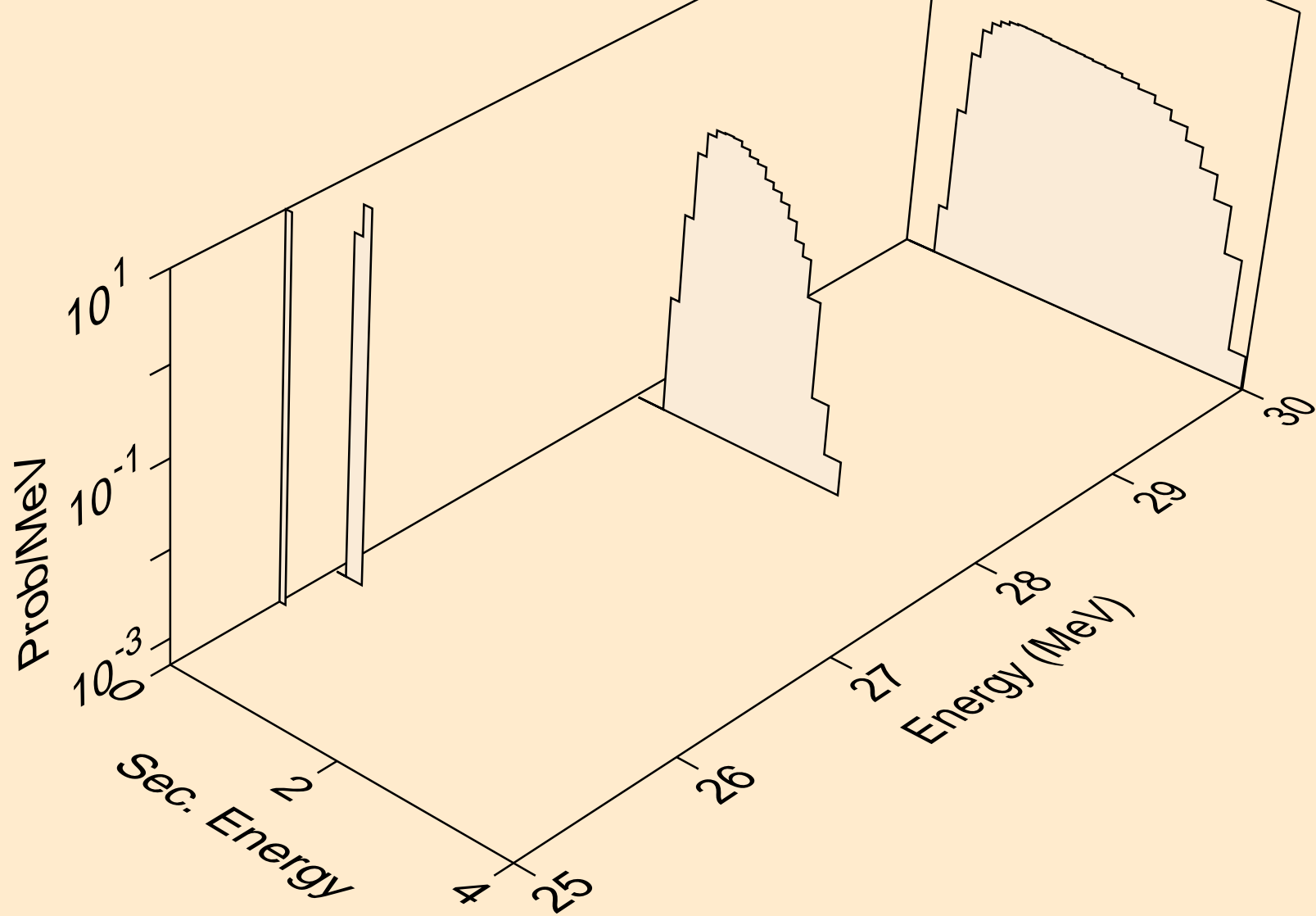
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



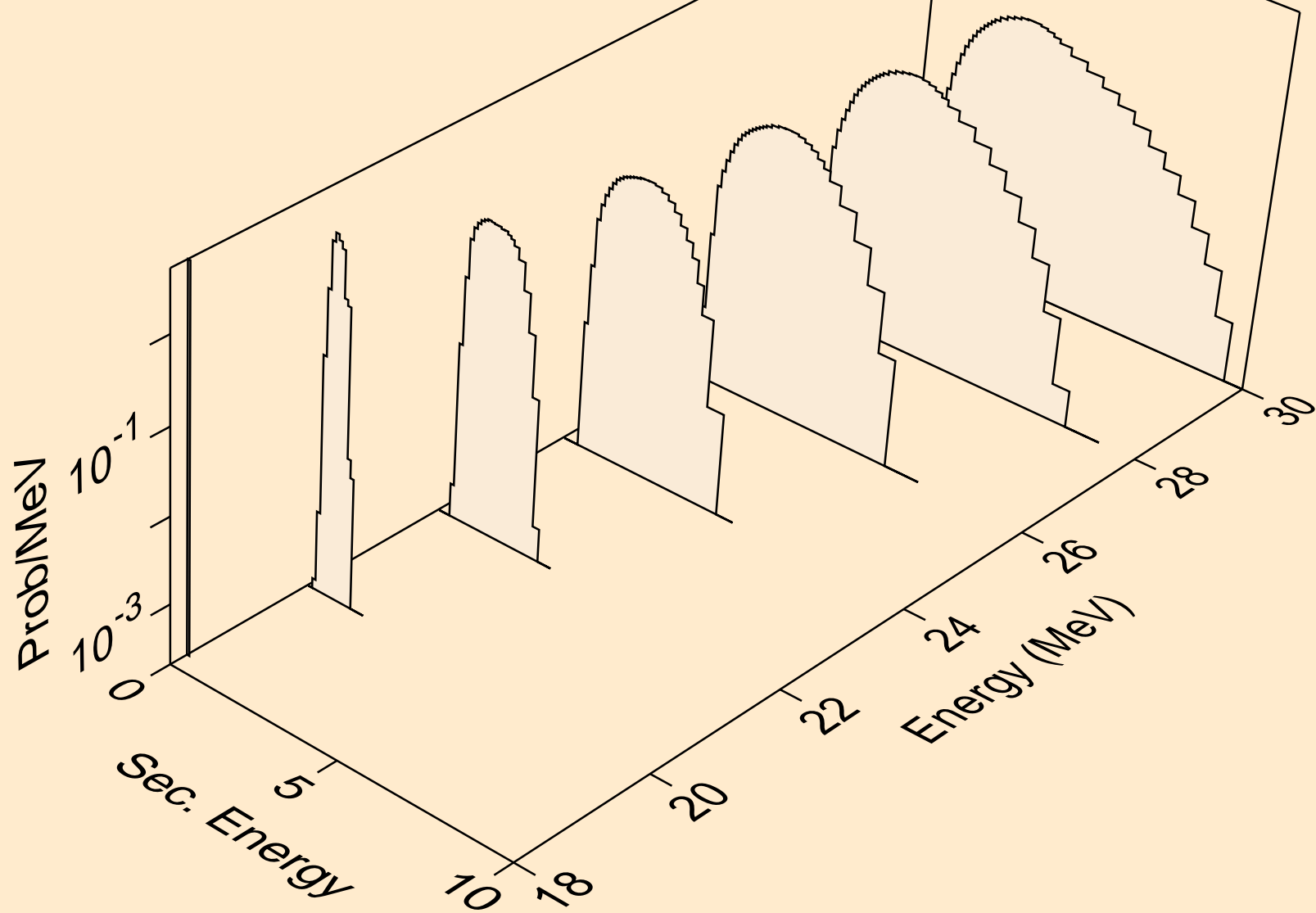
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



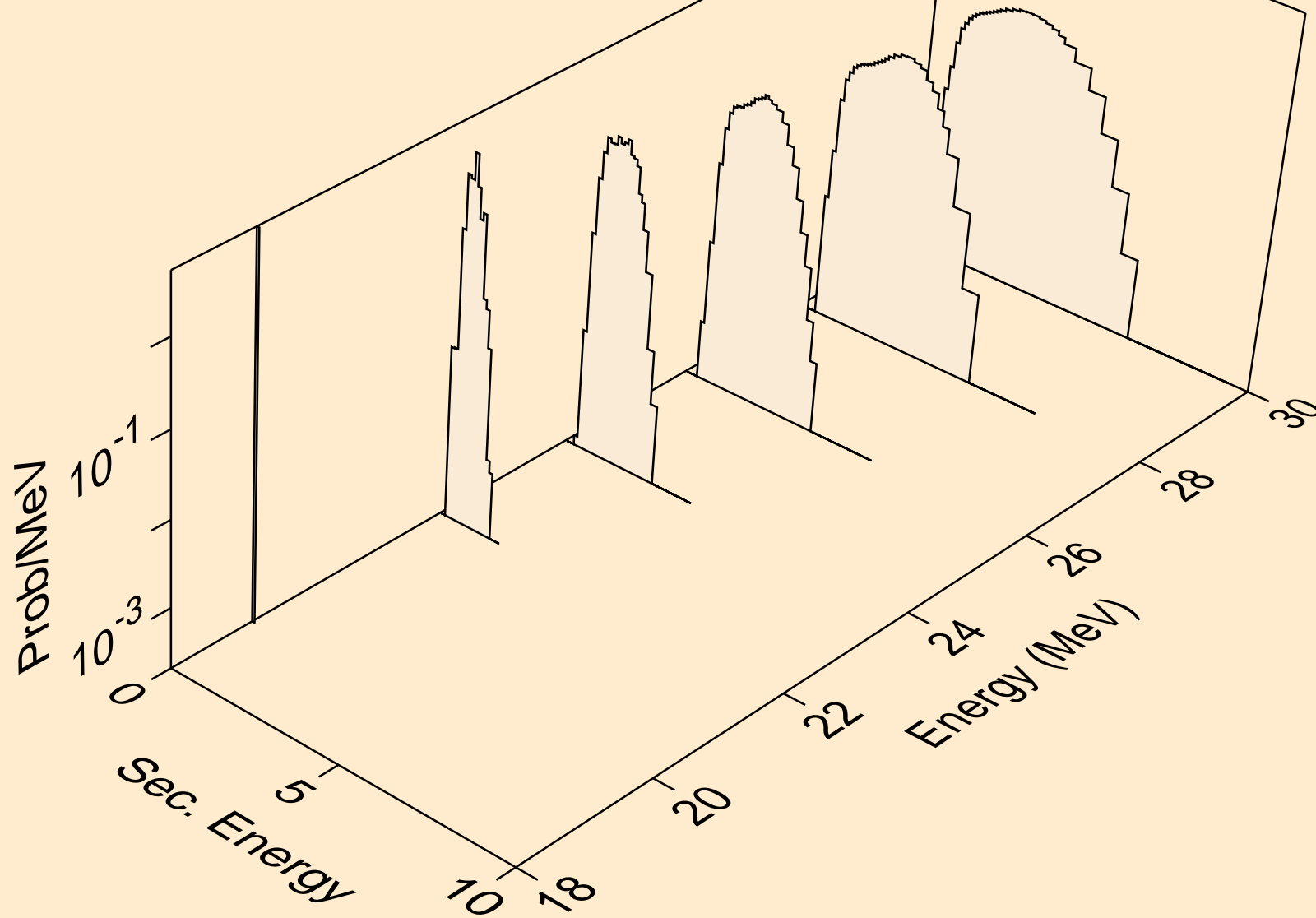
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



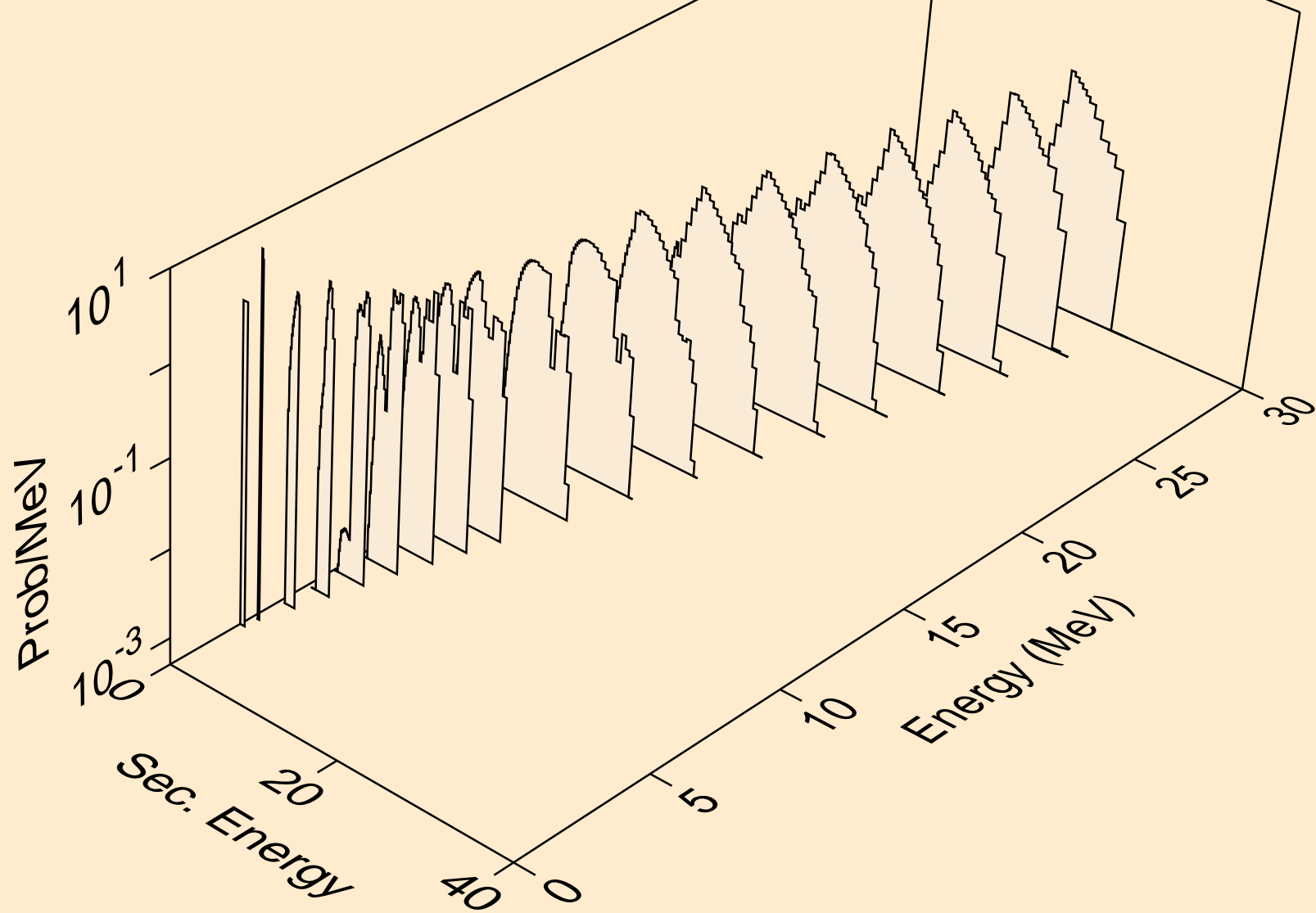
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



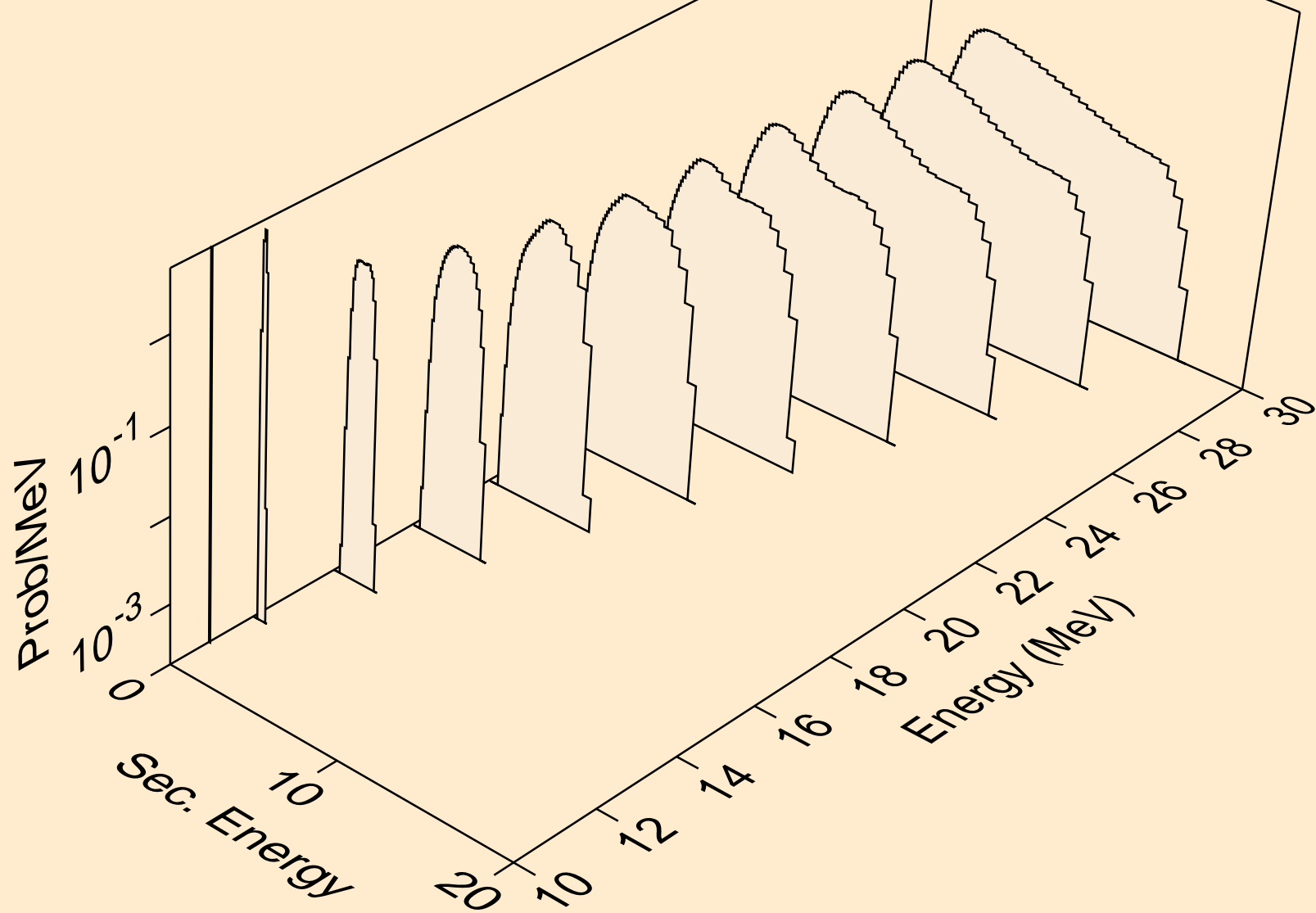
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



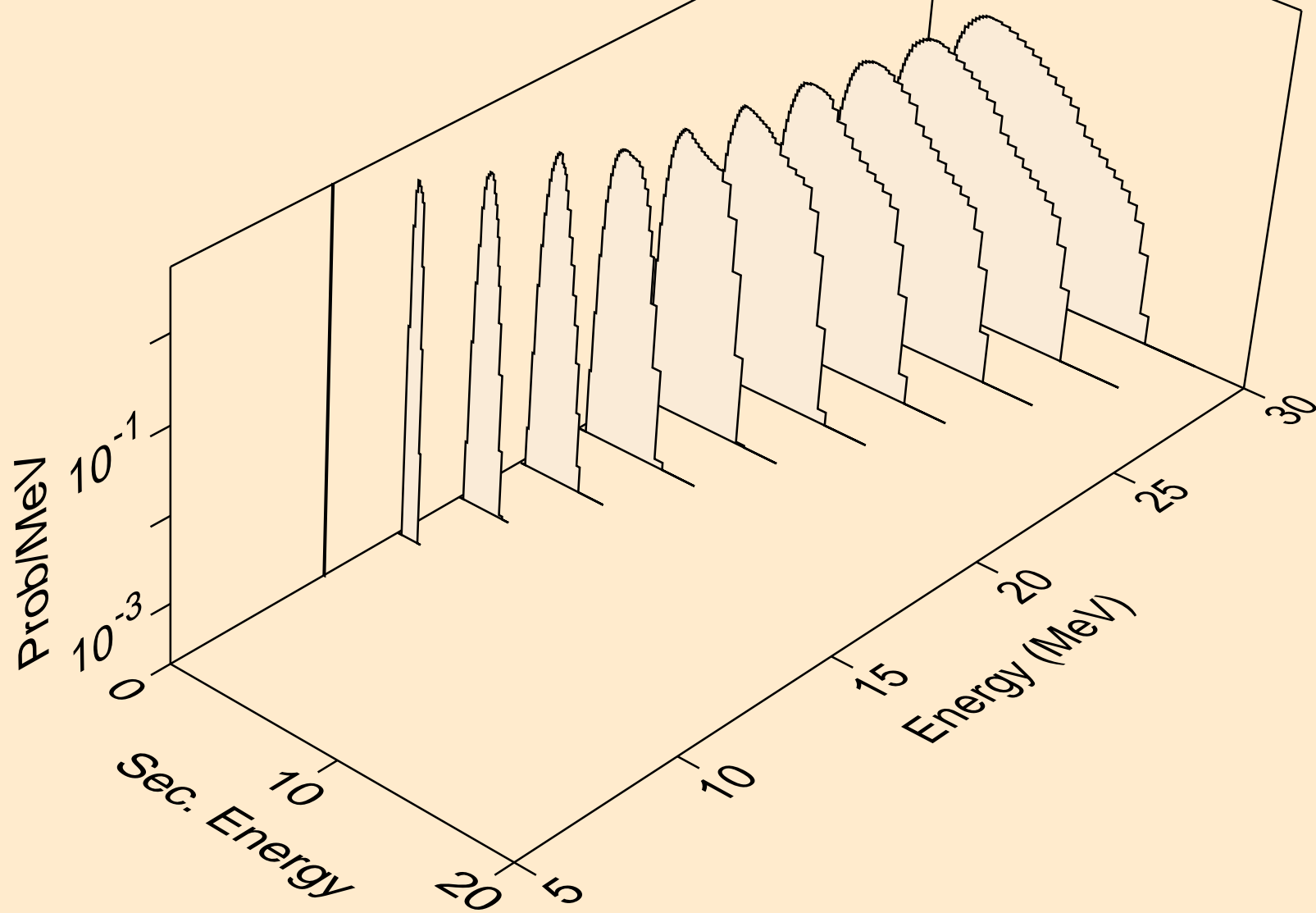
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)

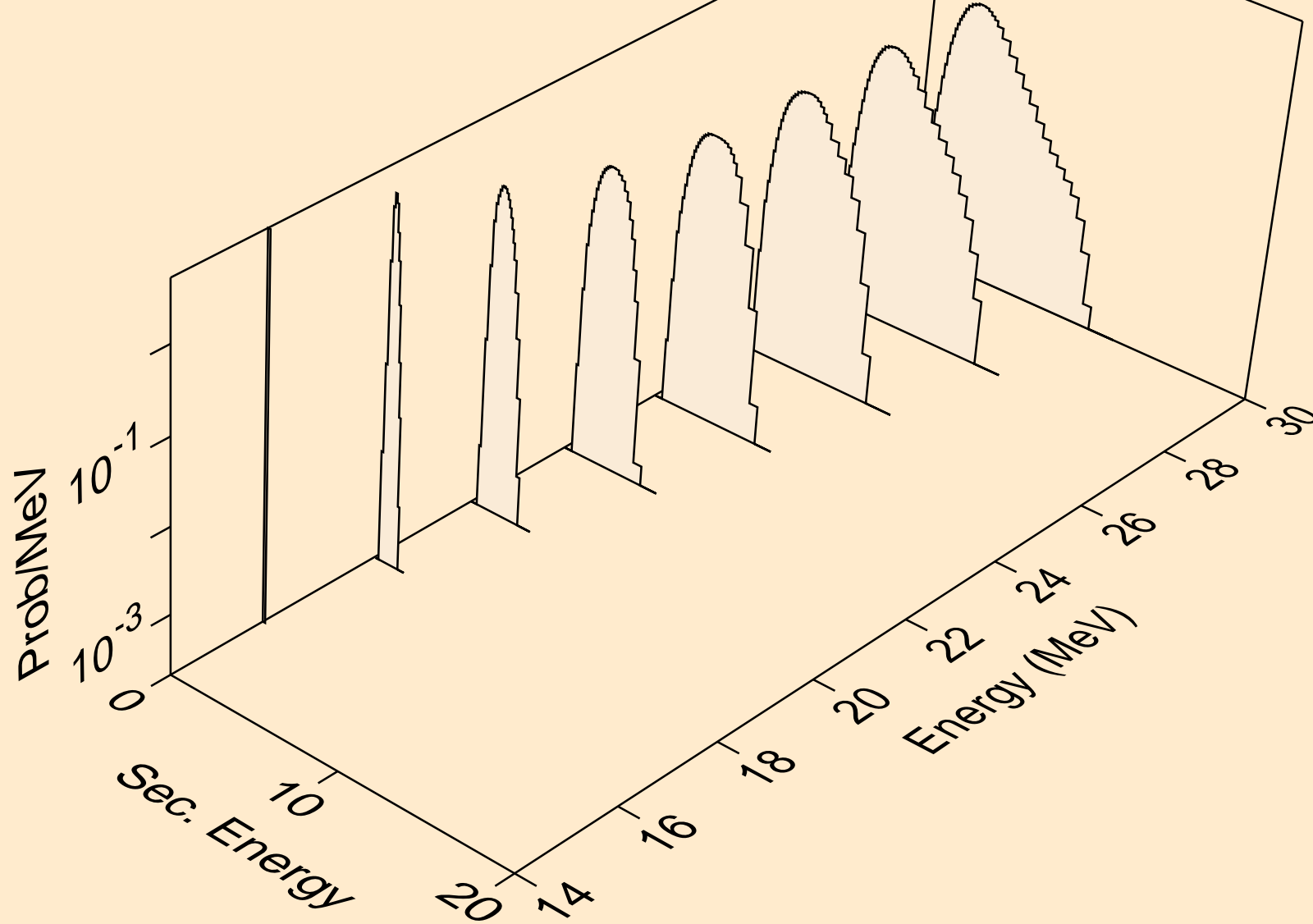


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

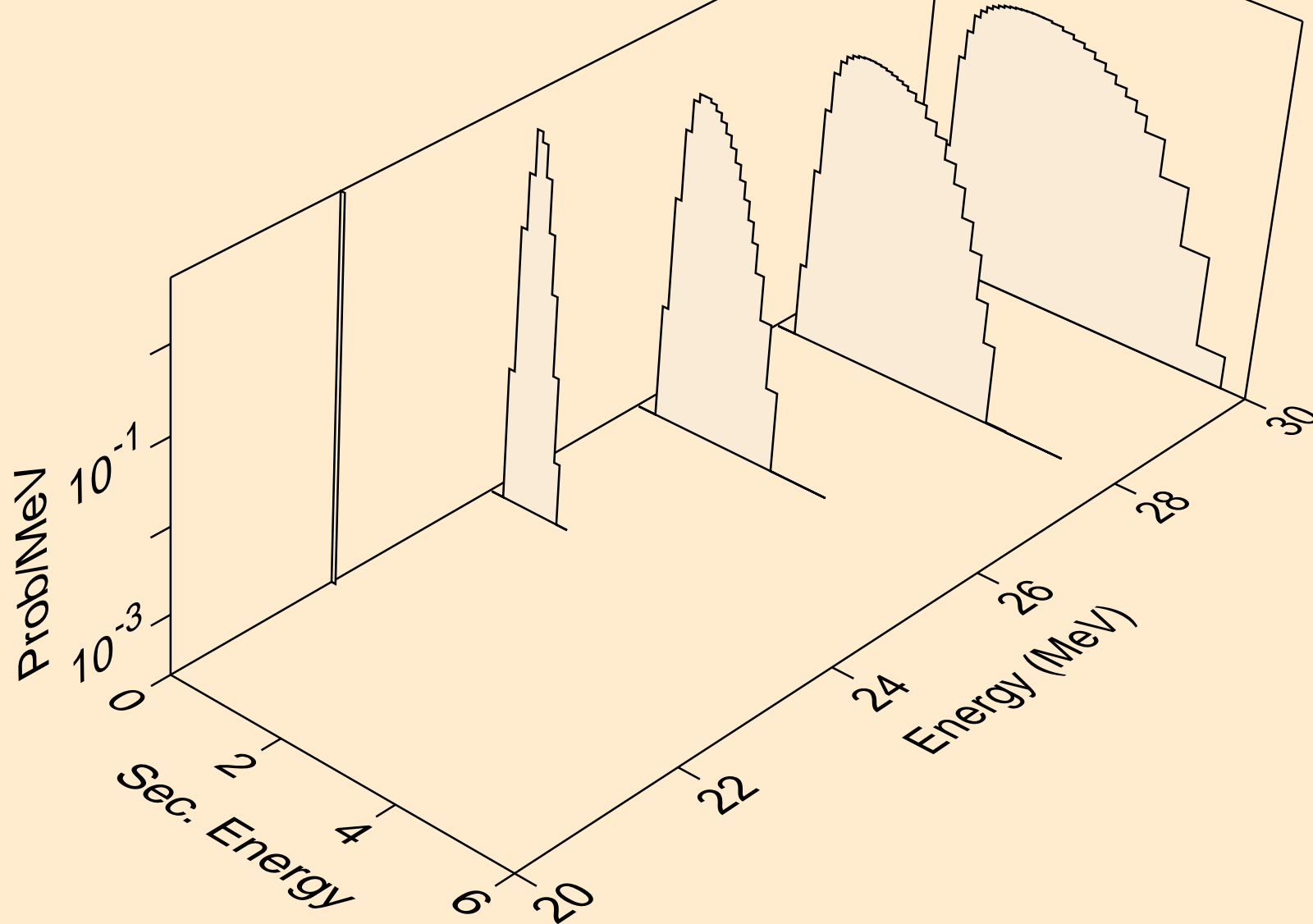




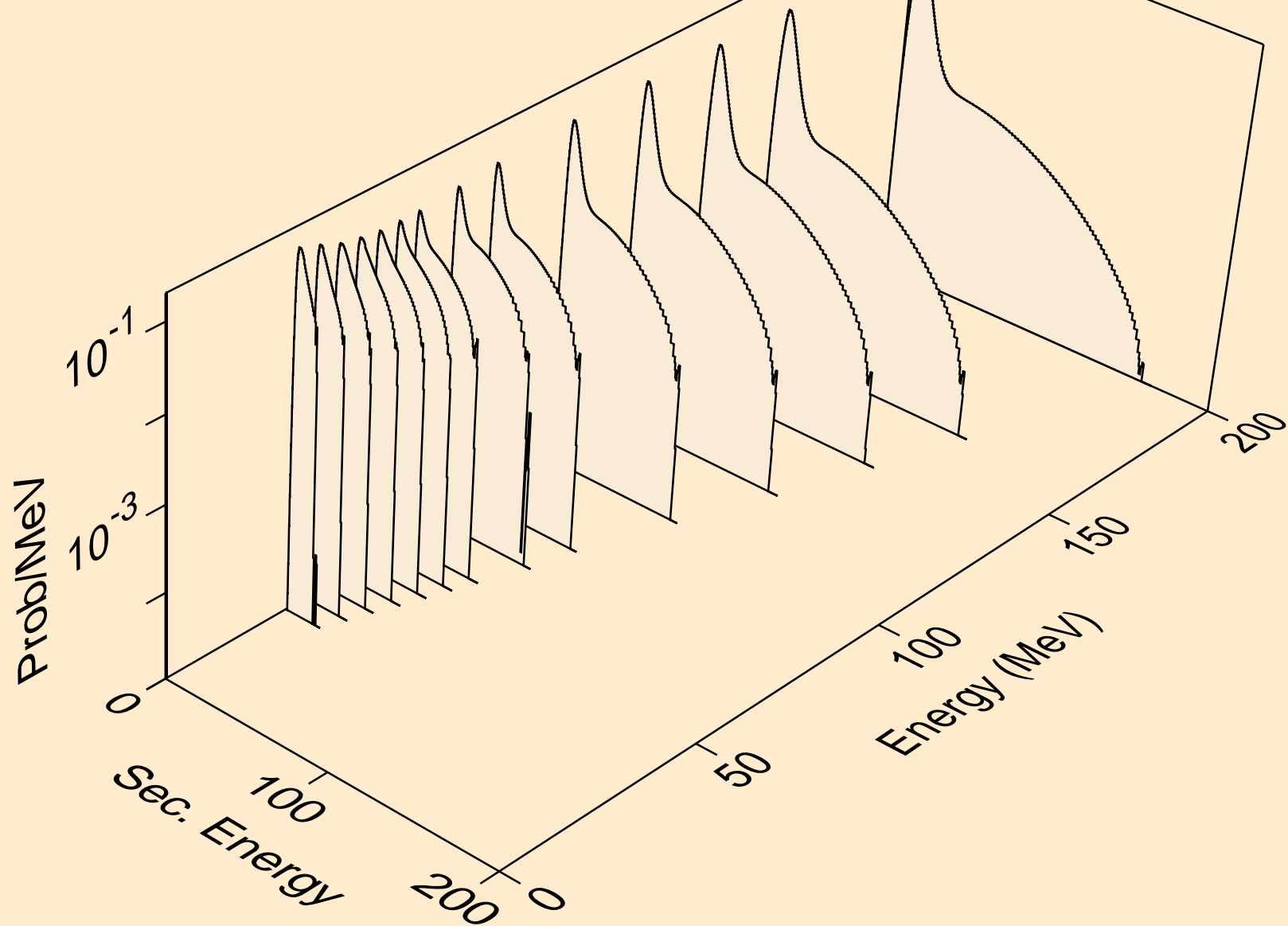
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



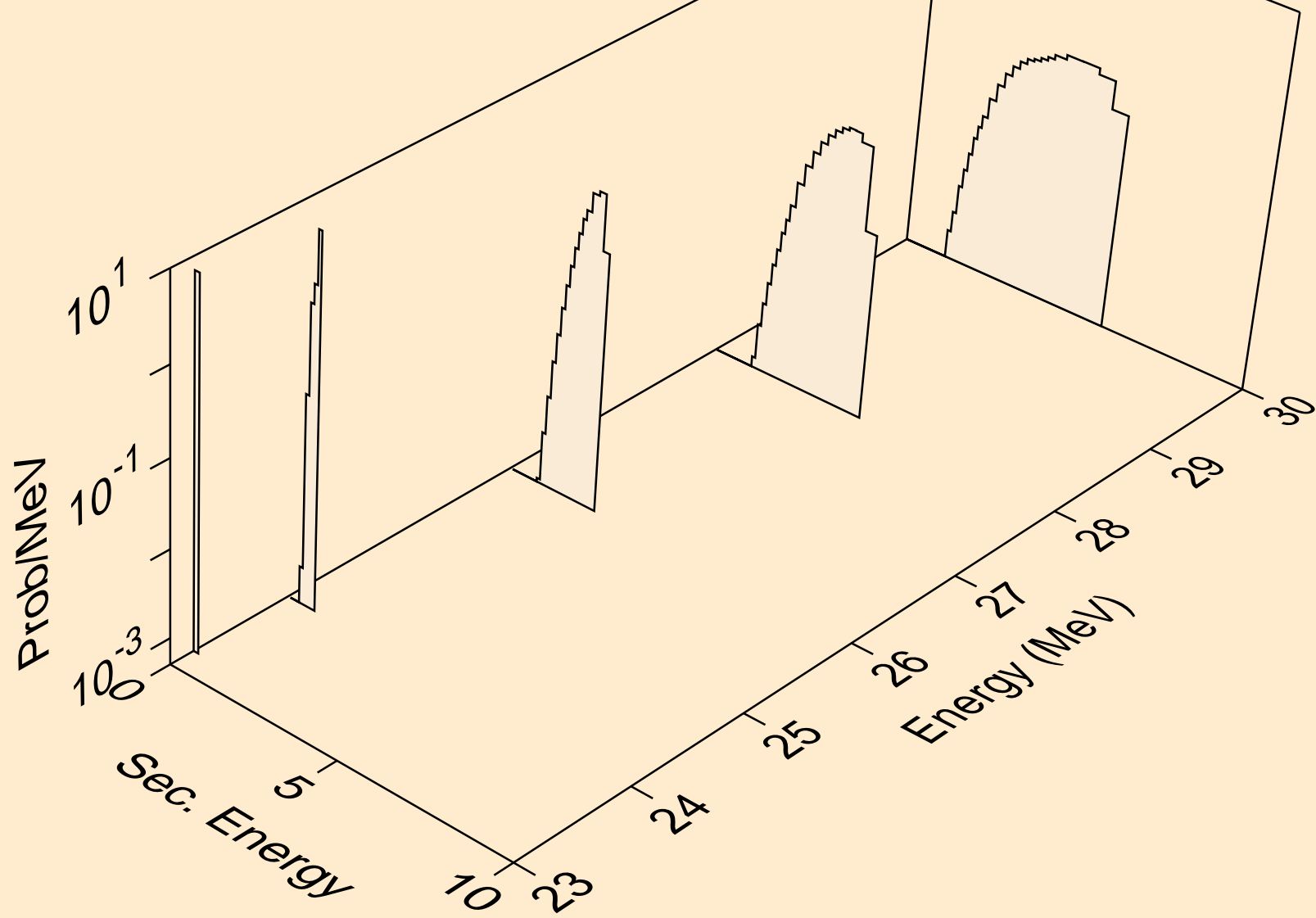
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)



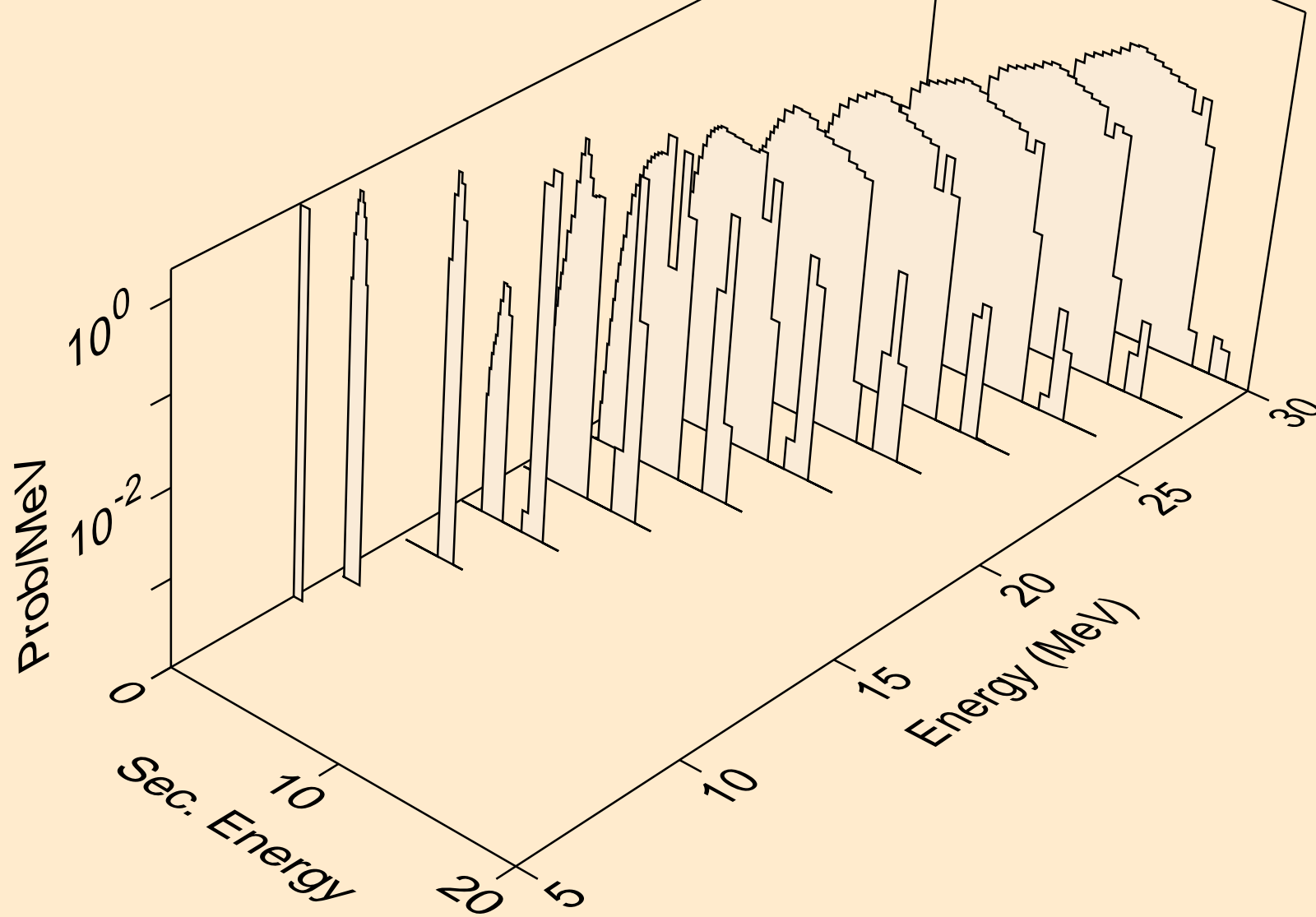
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



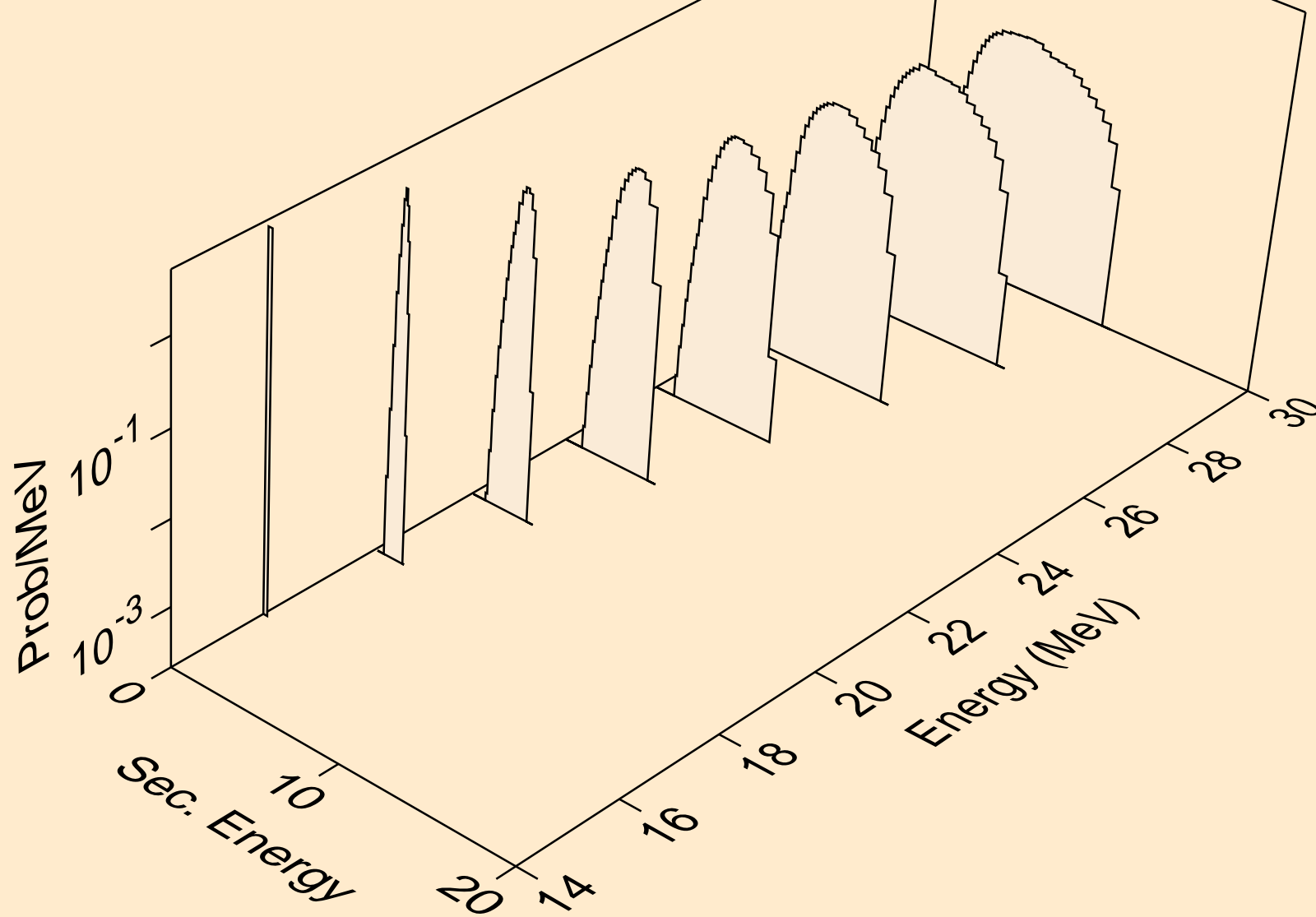
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



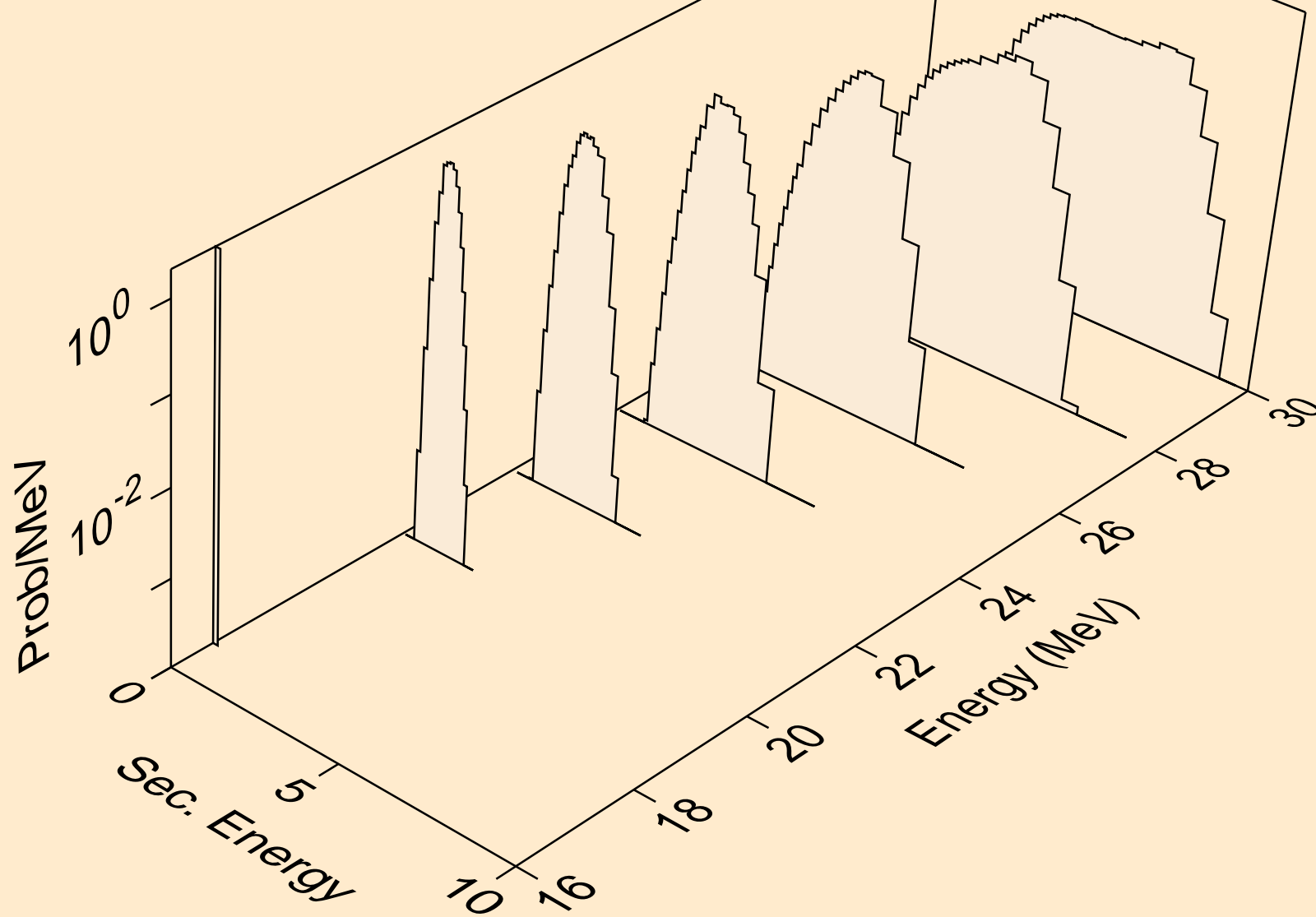
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



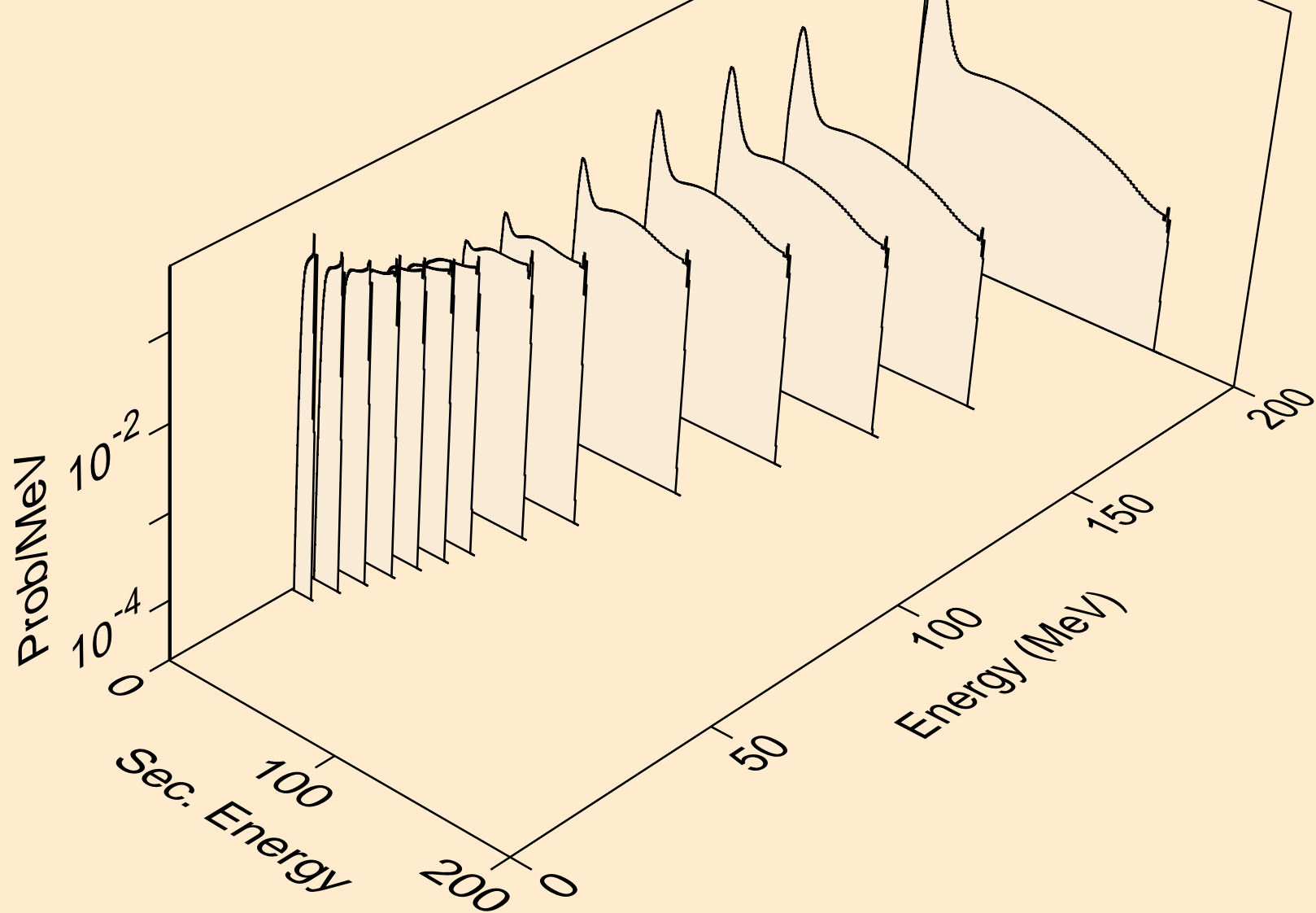
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)

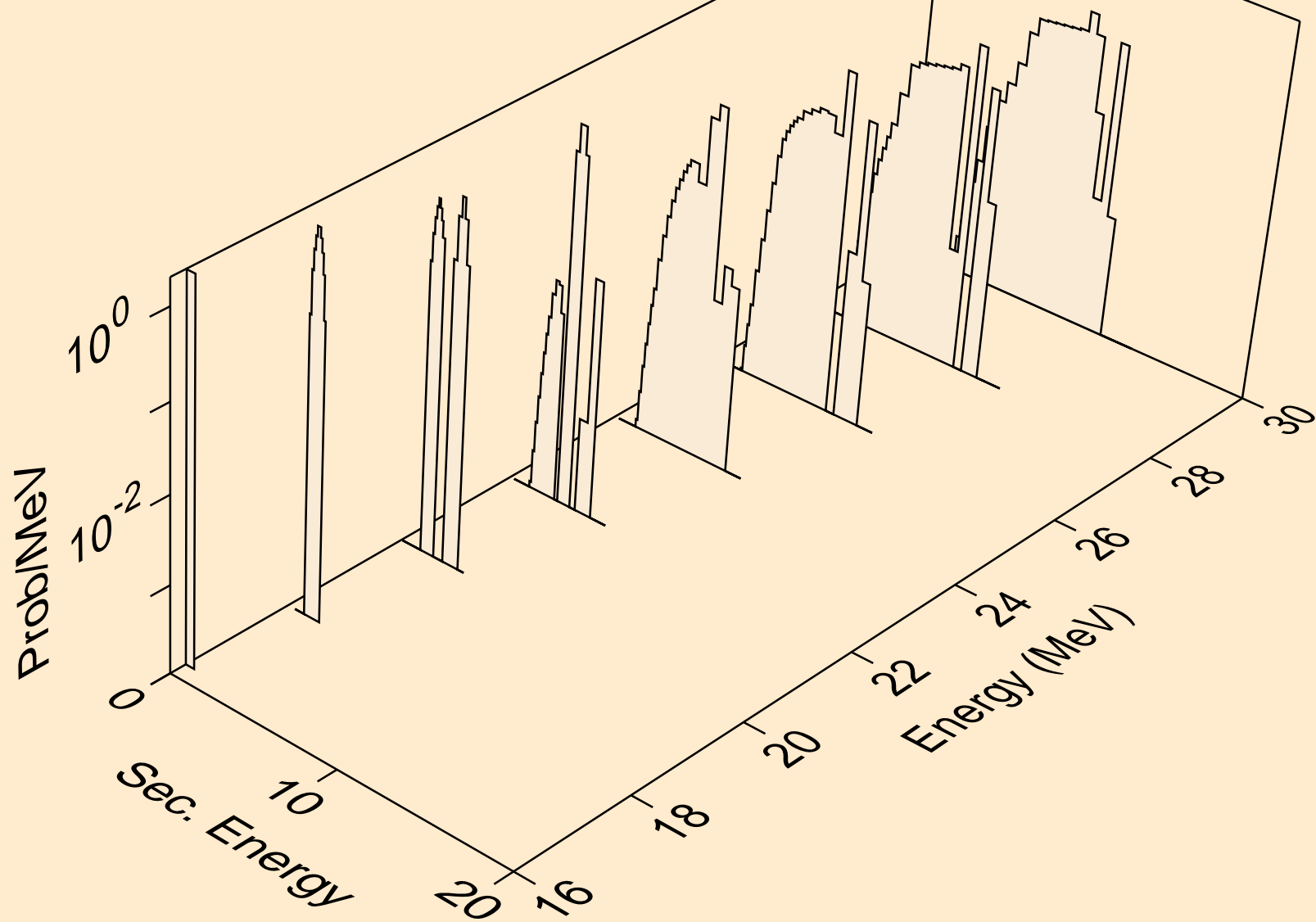


AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

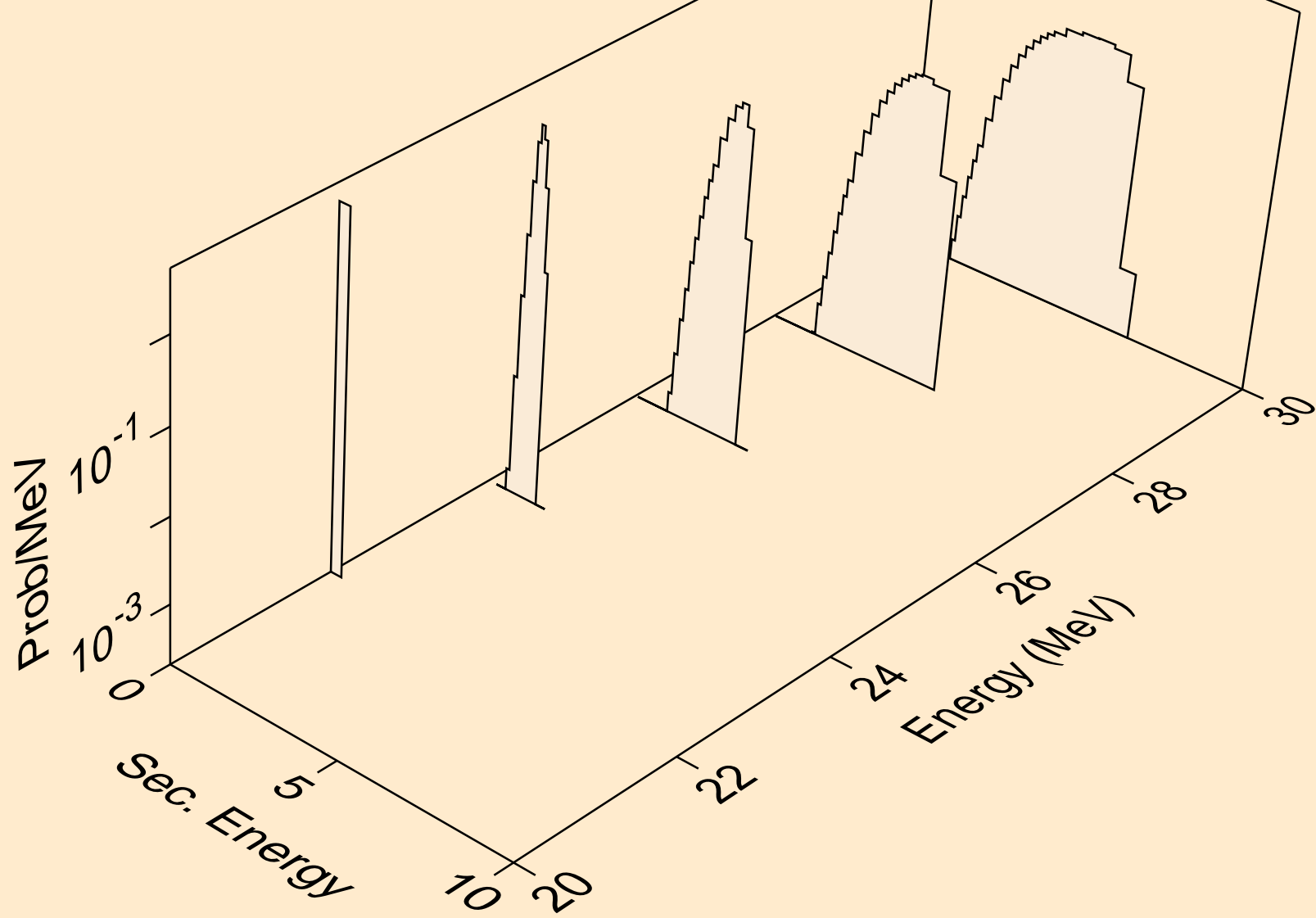




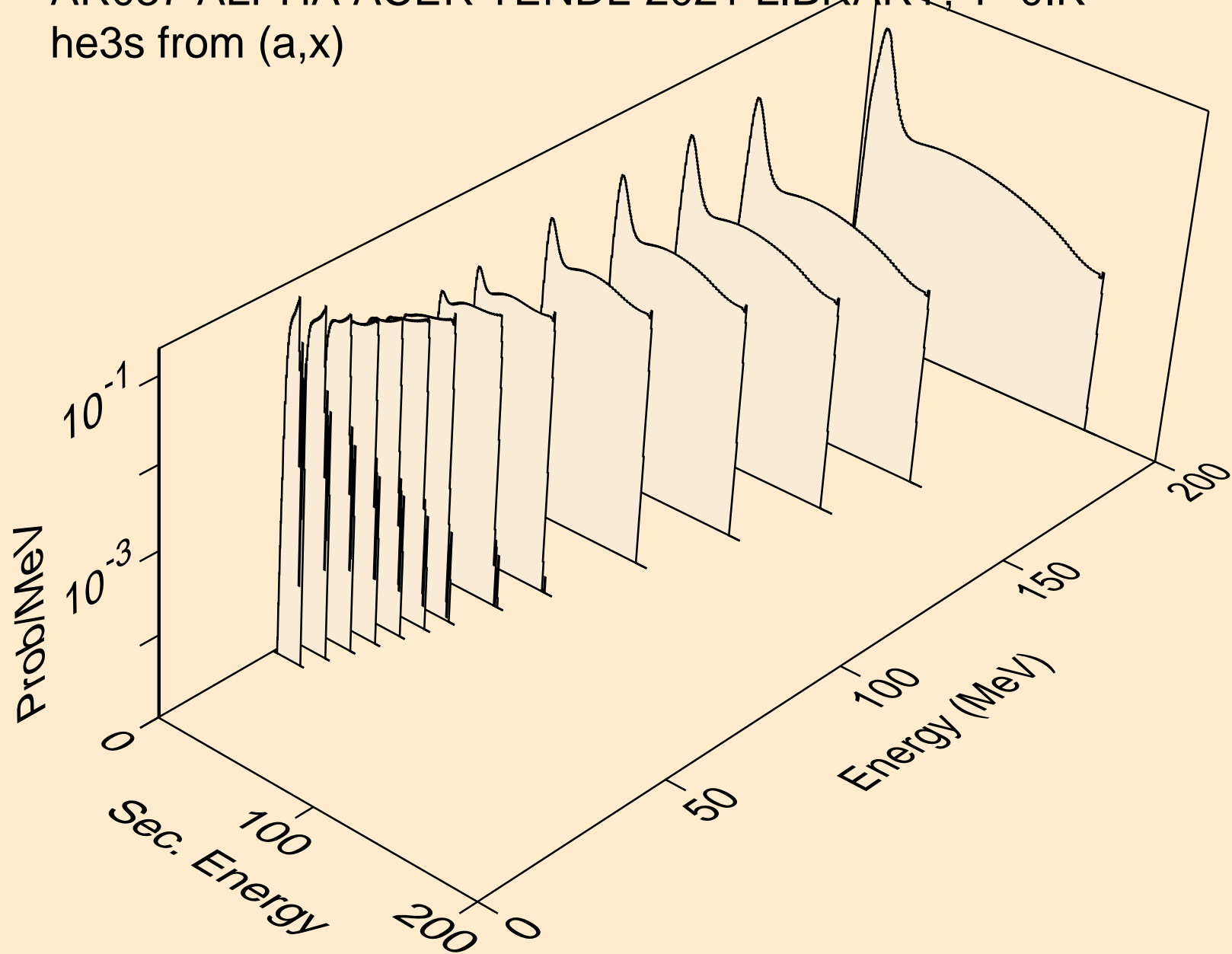
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



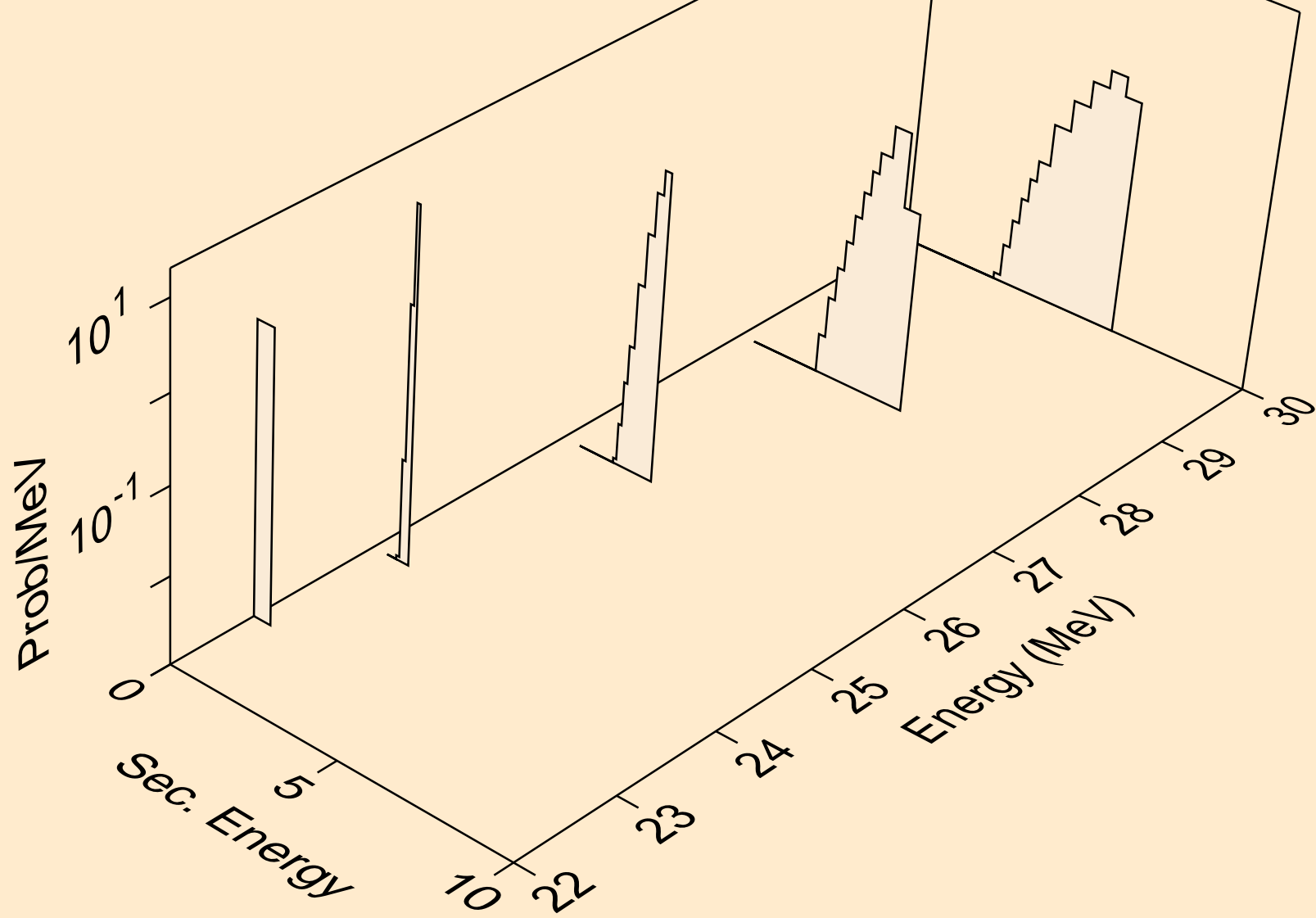
AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AR037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

