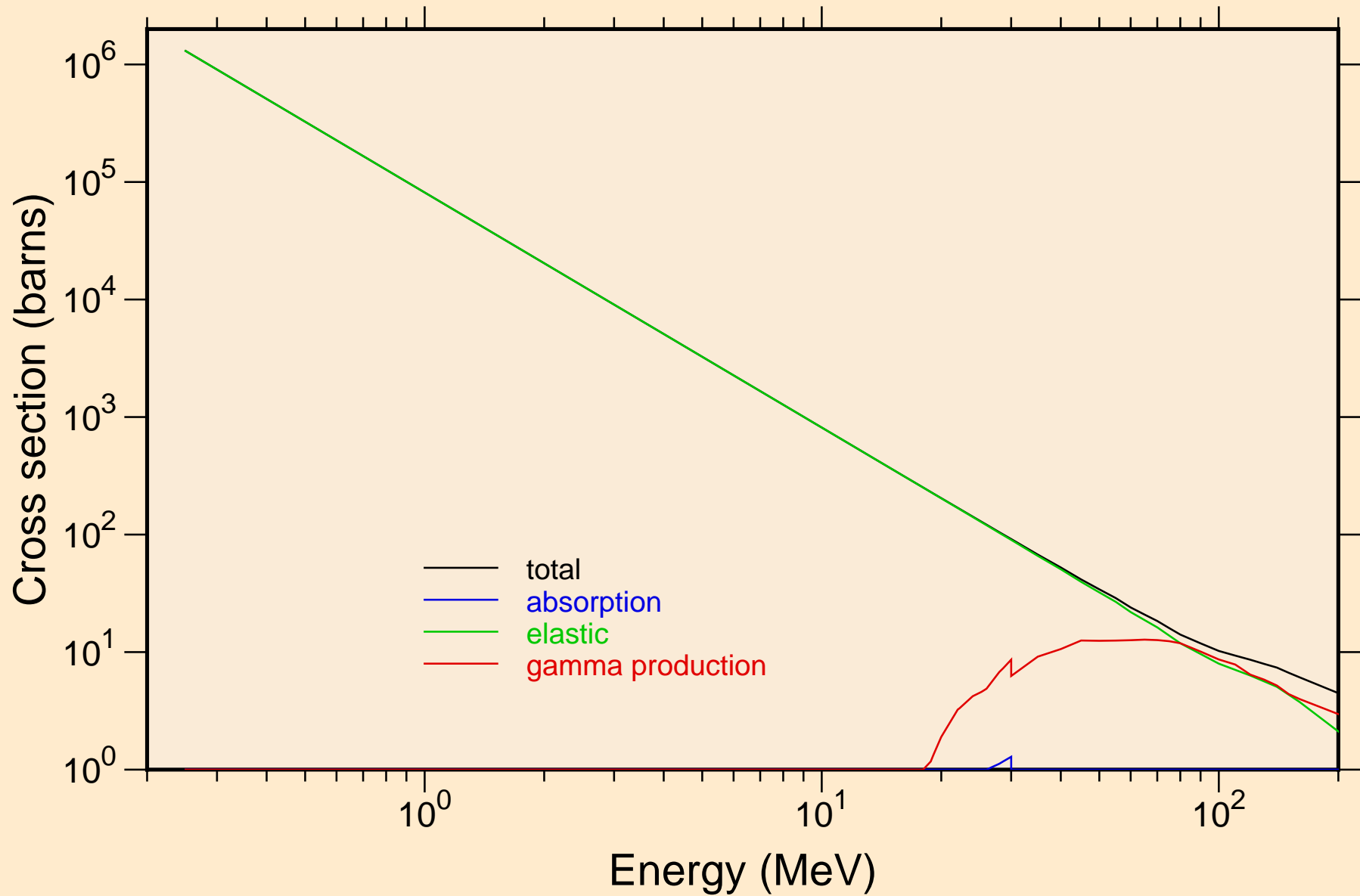
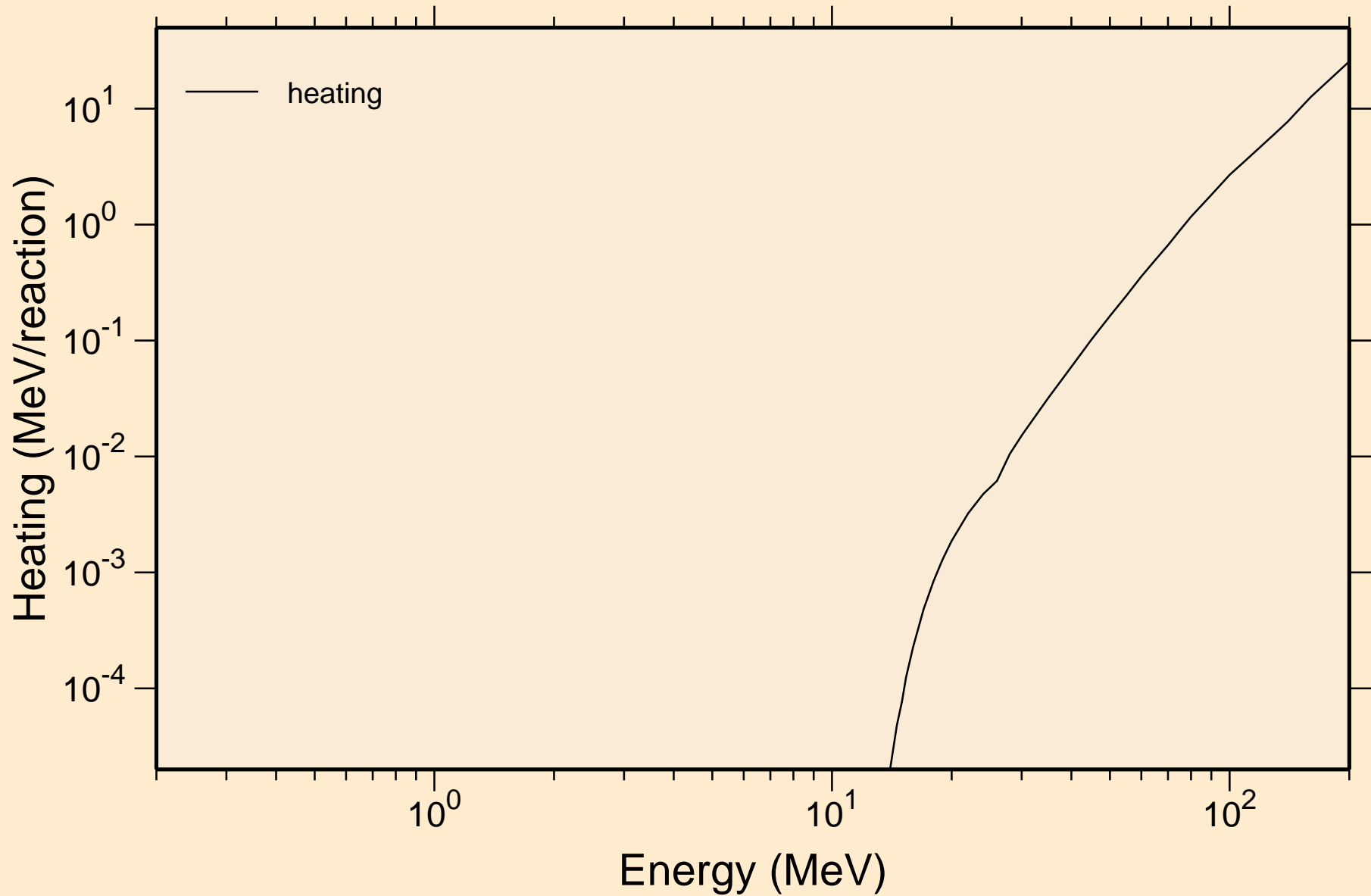


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



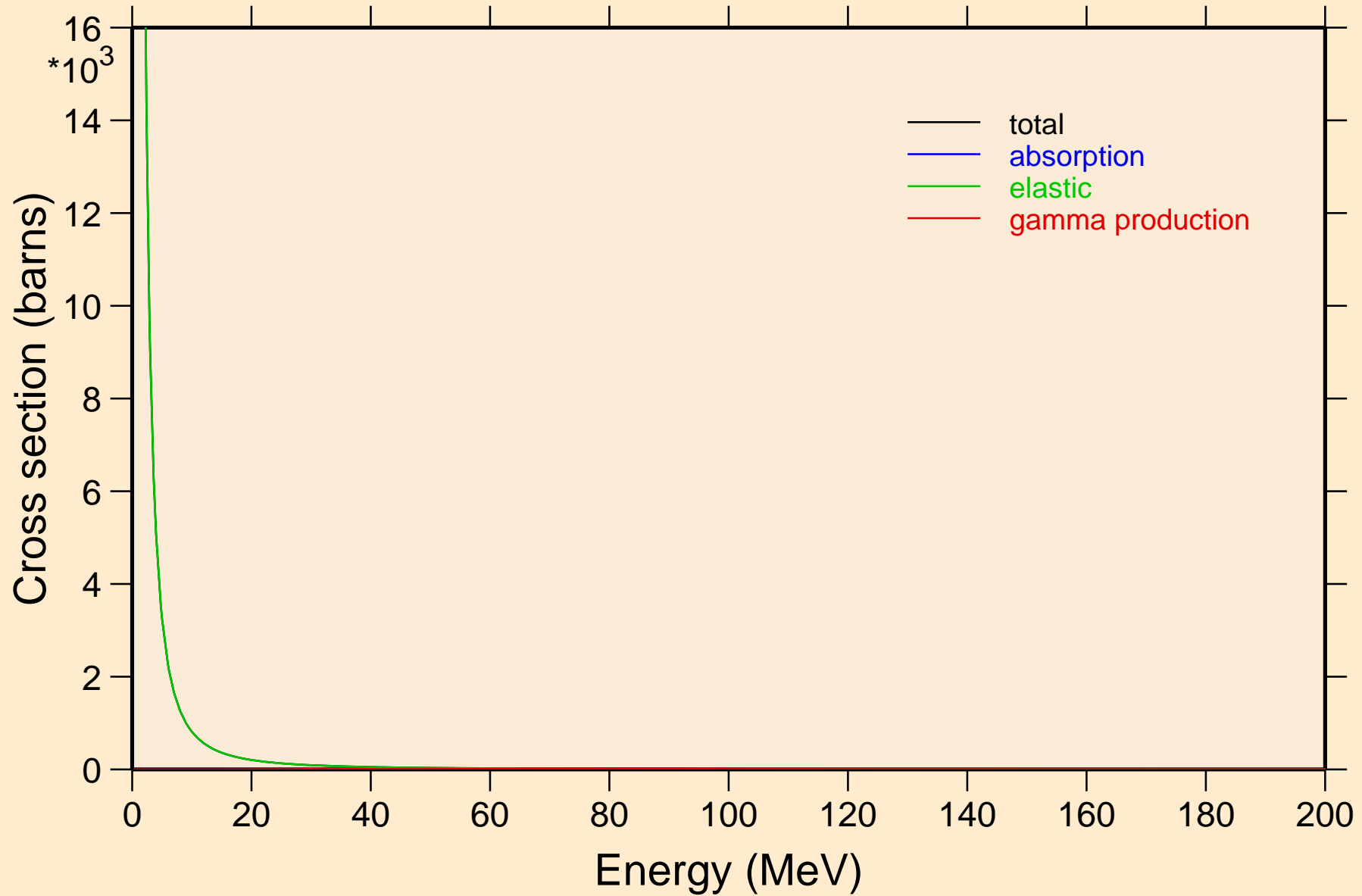
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



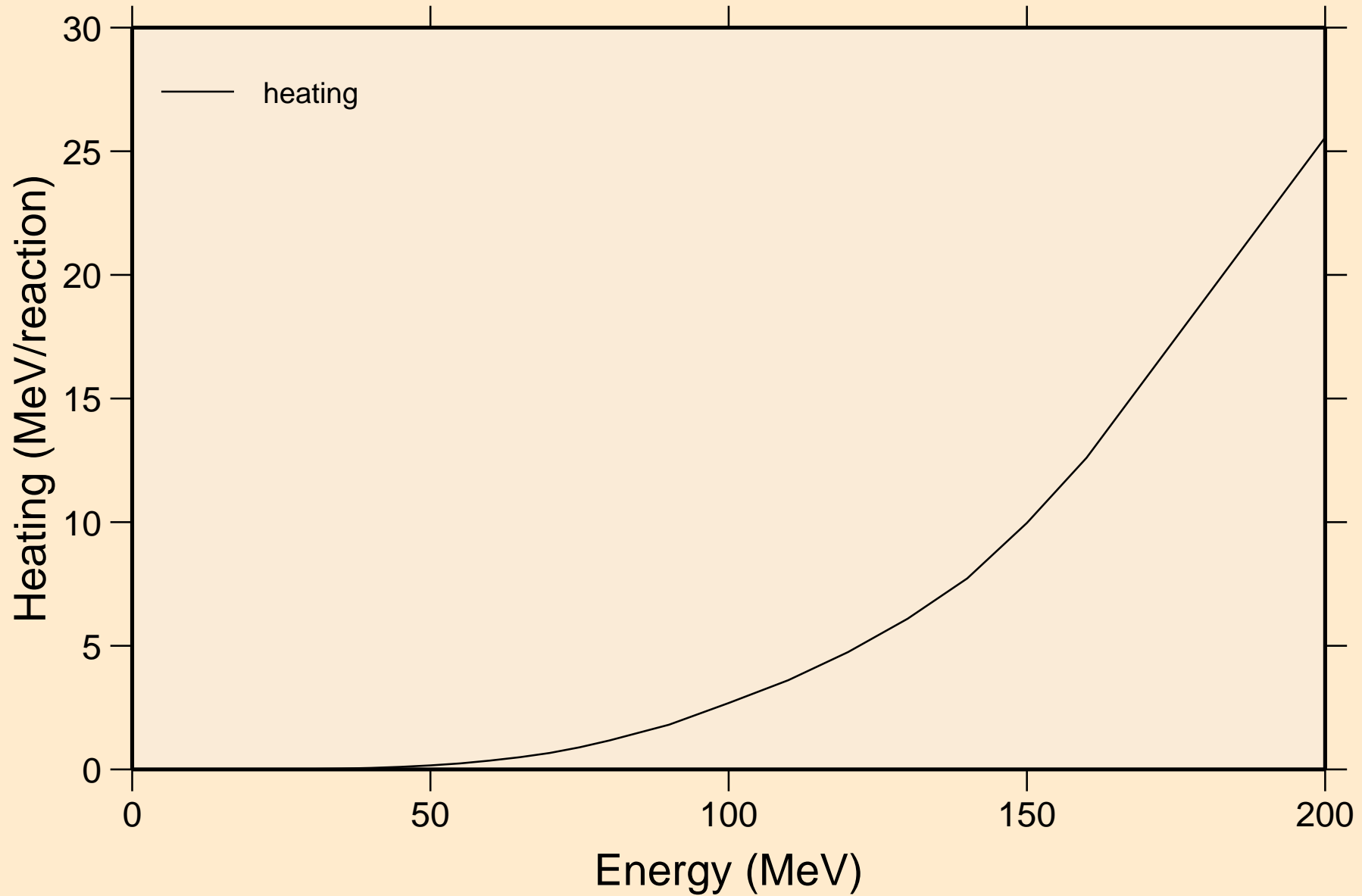
# BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

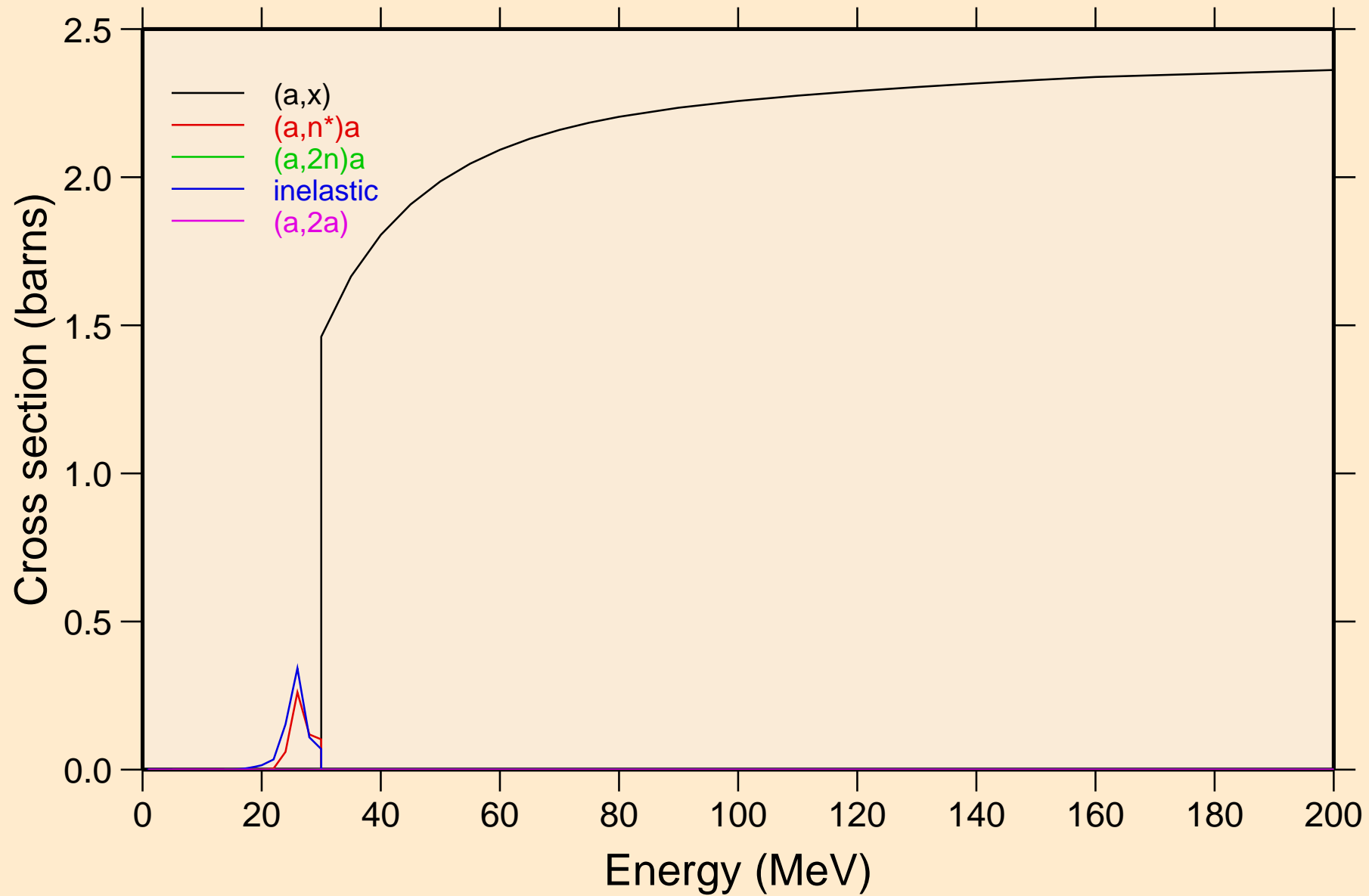


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

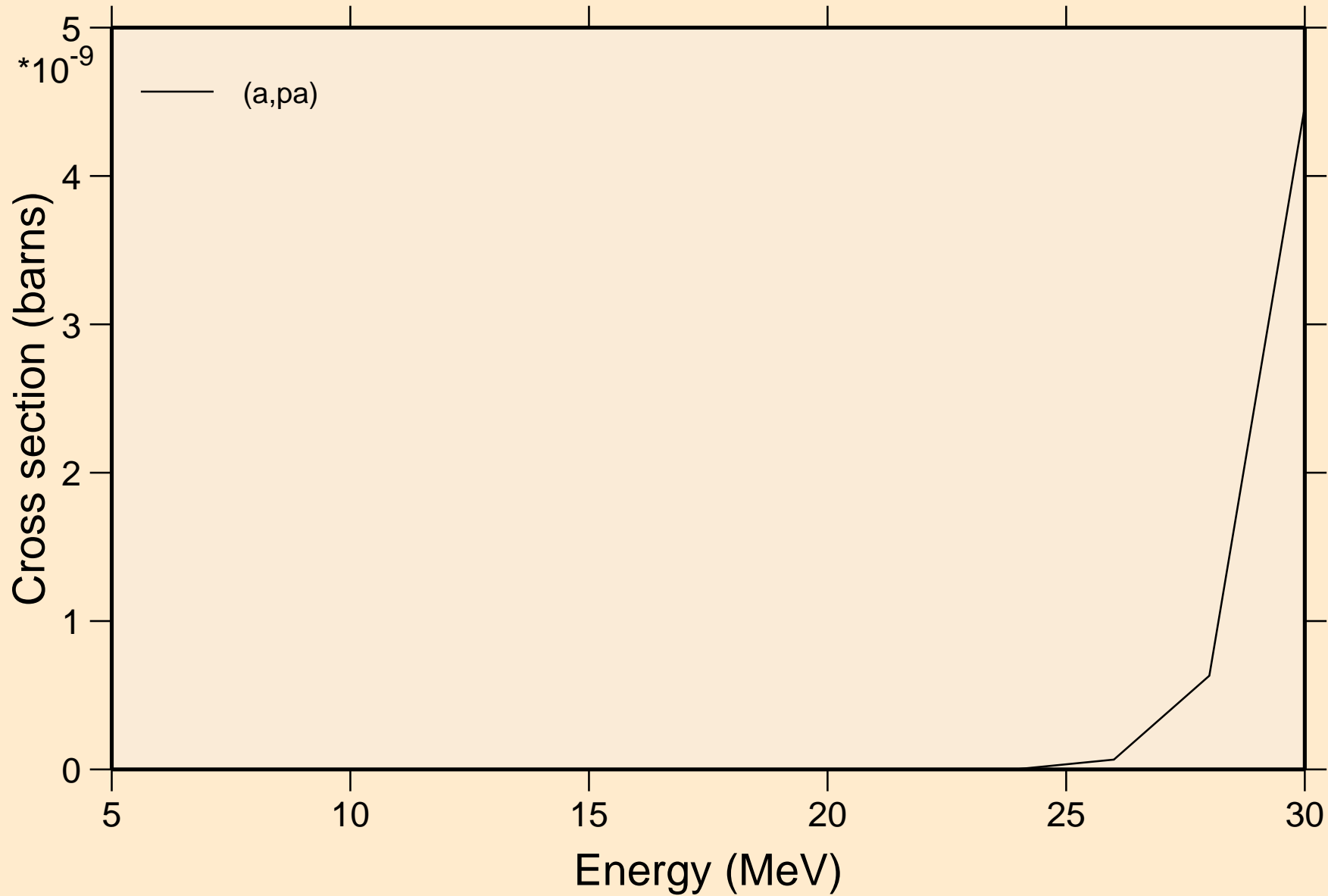
Heating



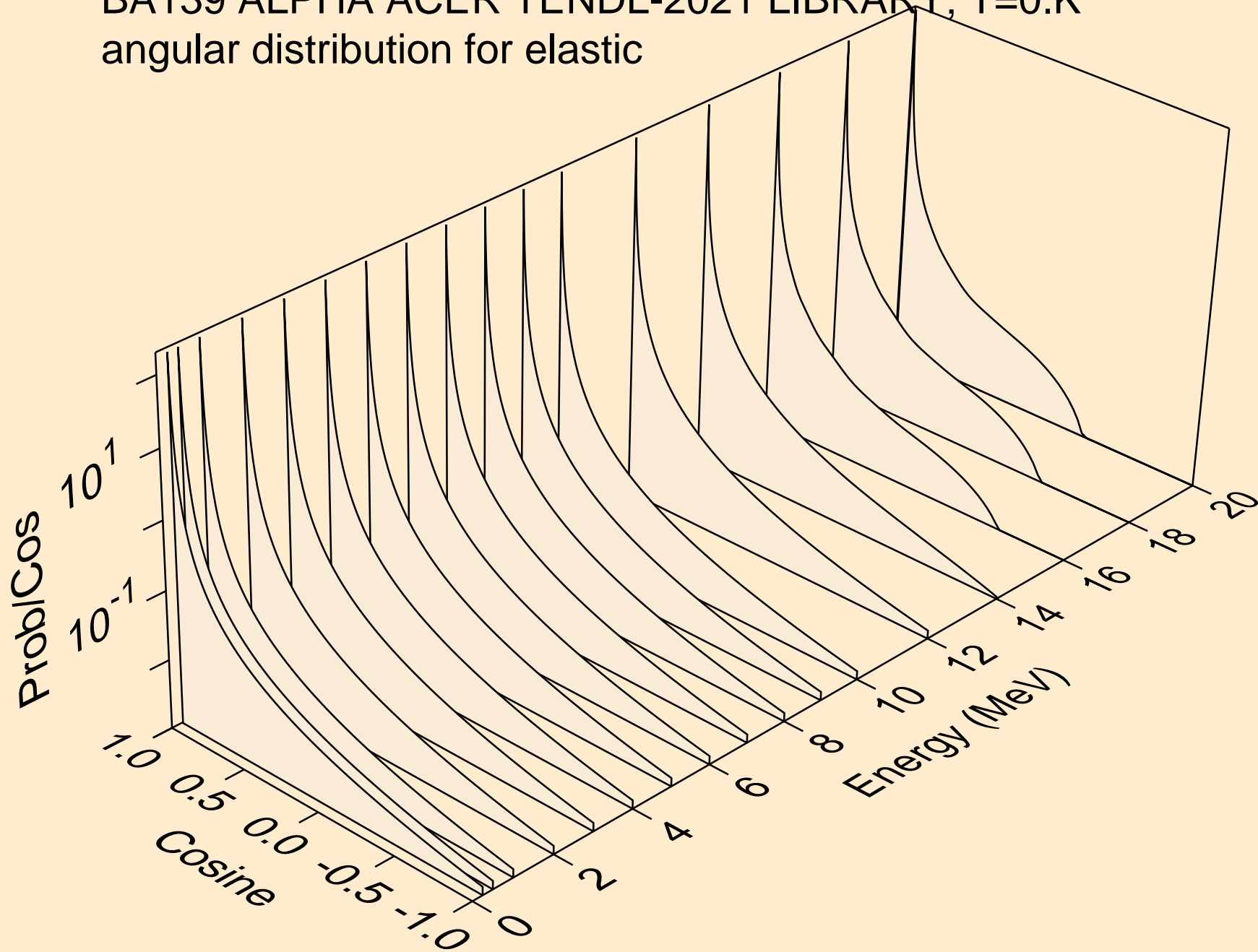
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



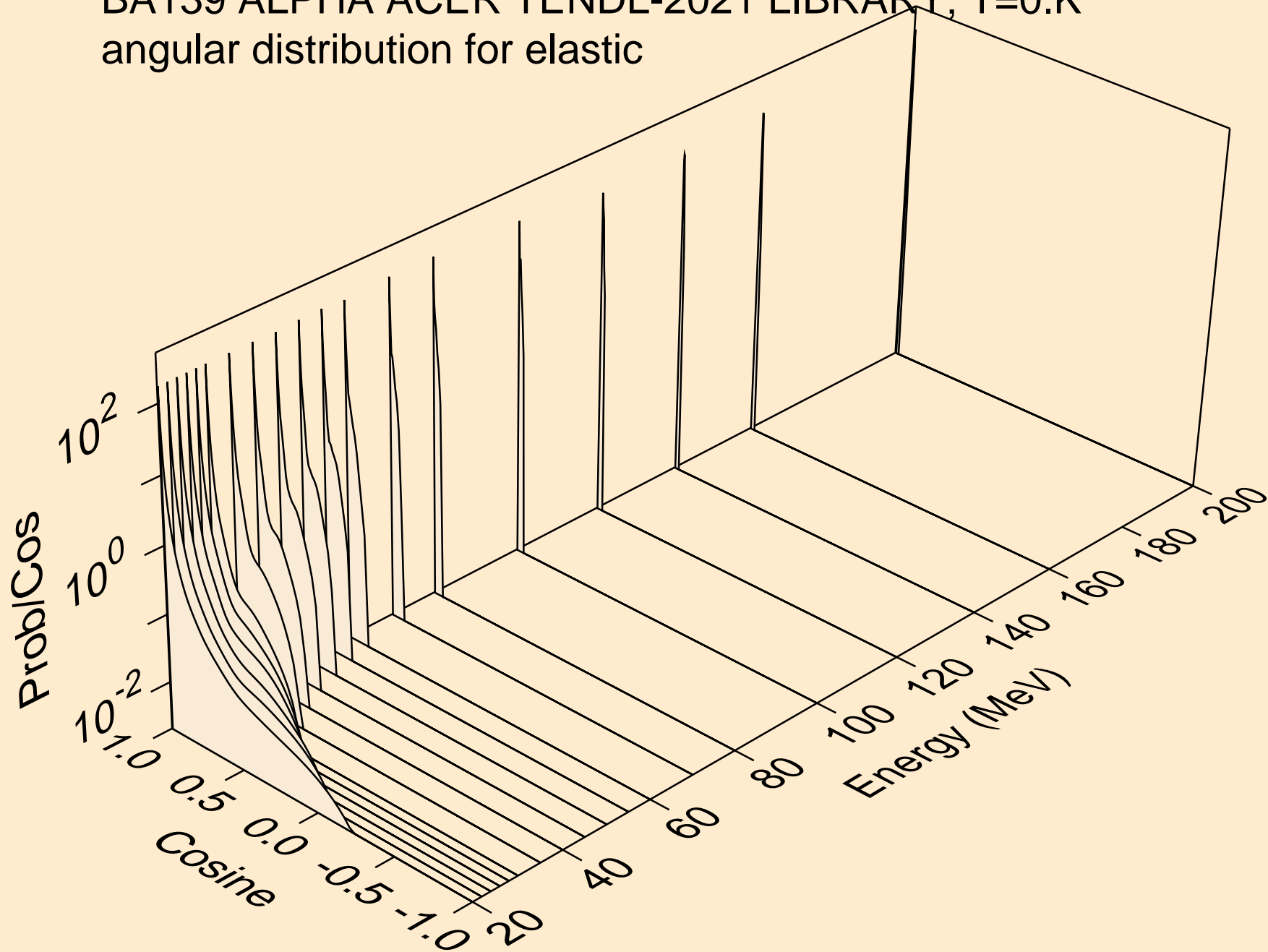
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

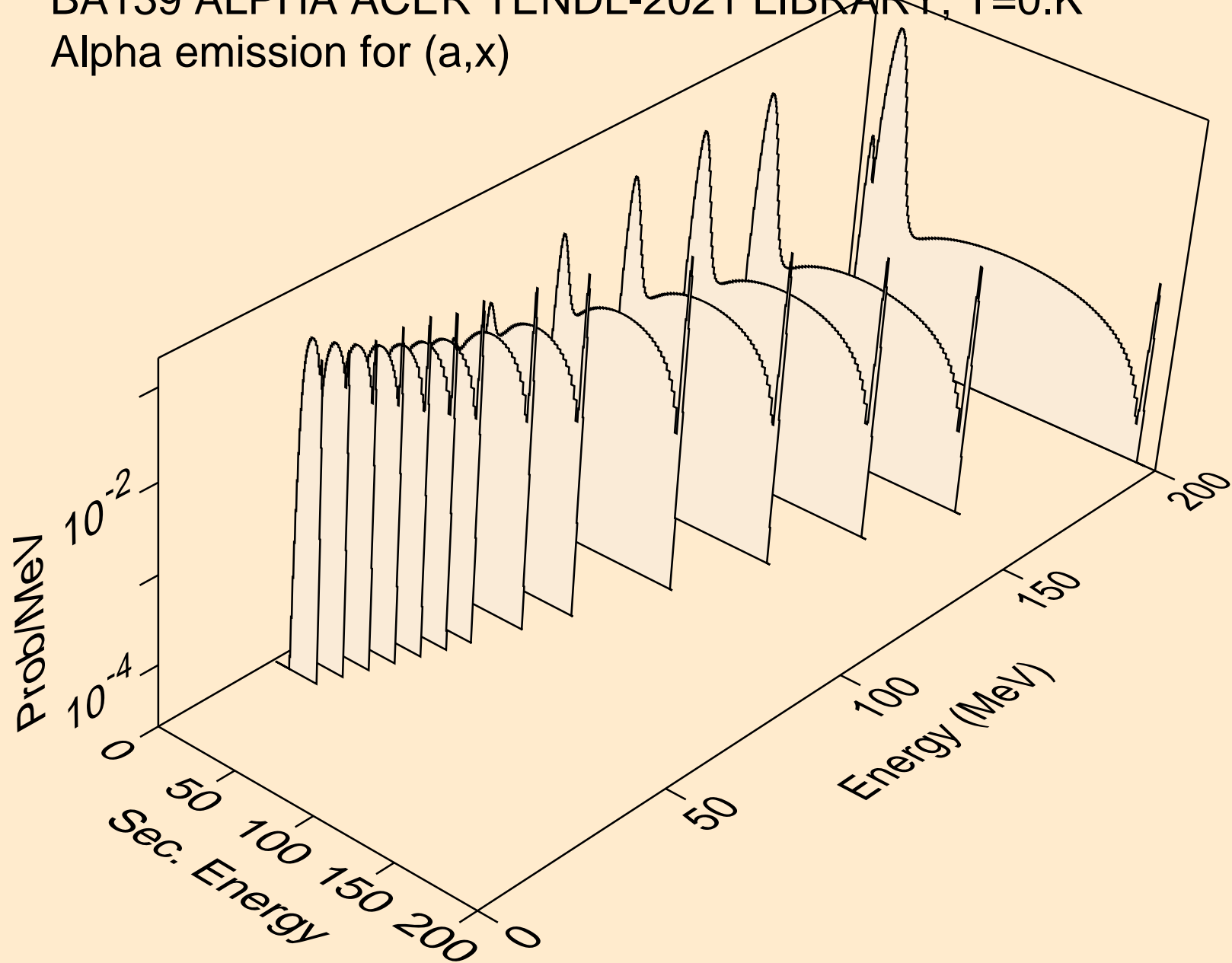


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

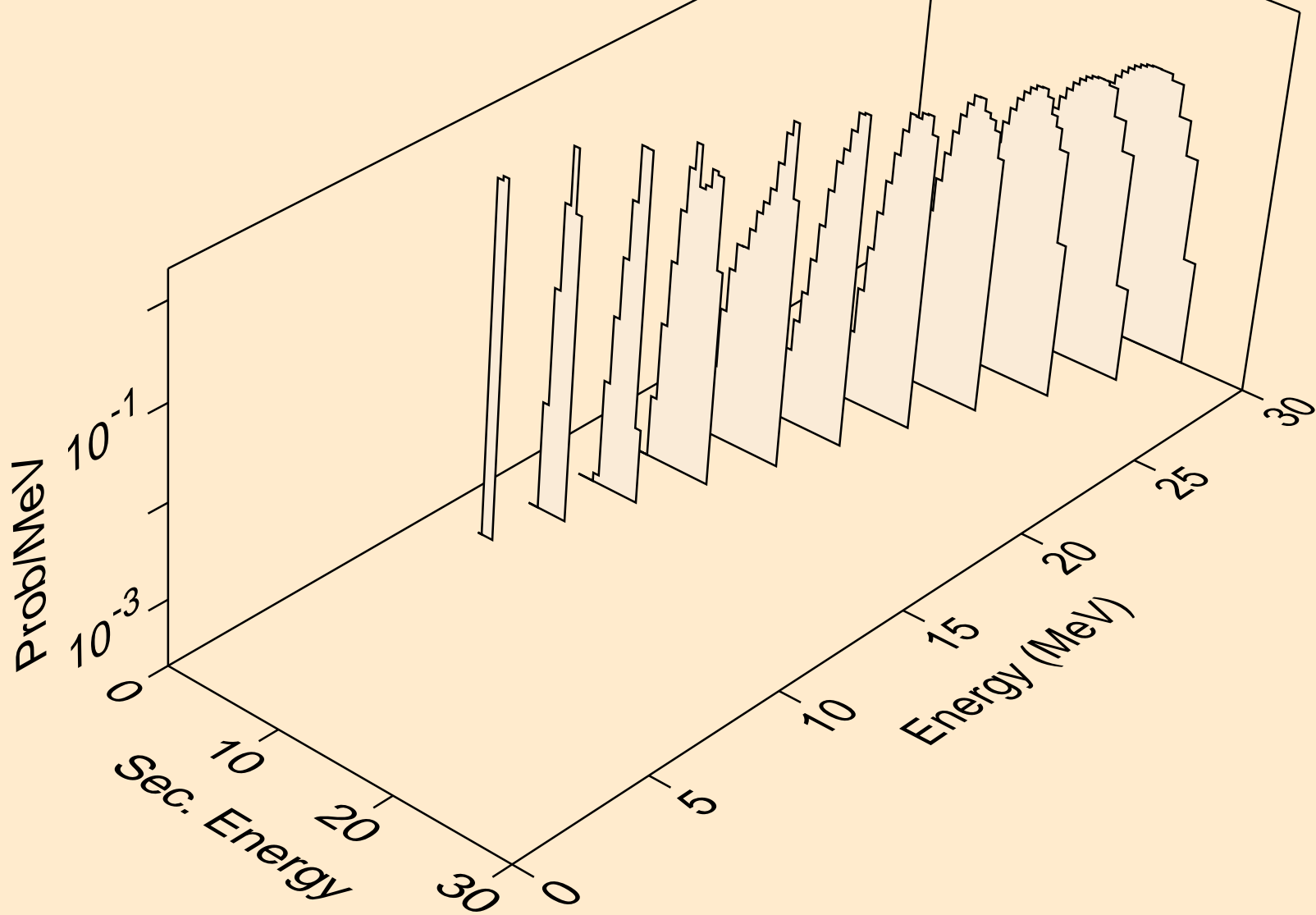




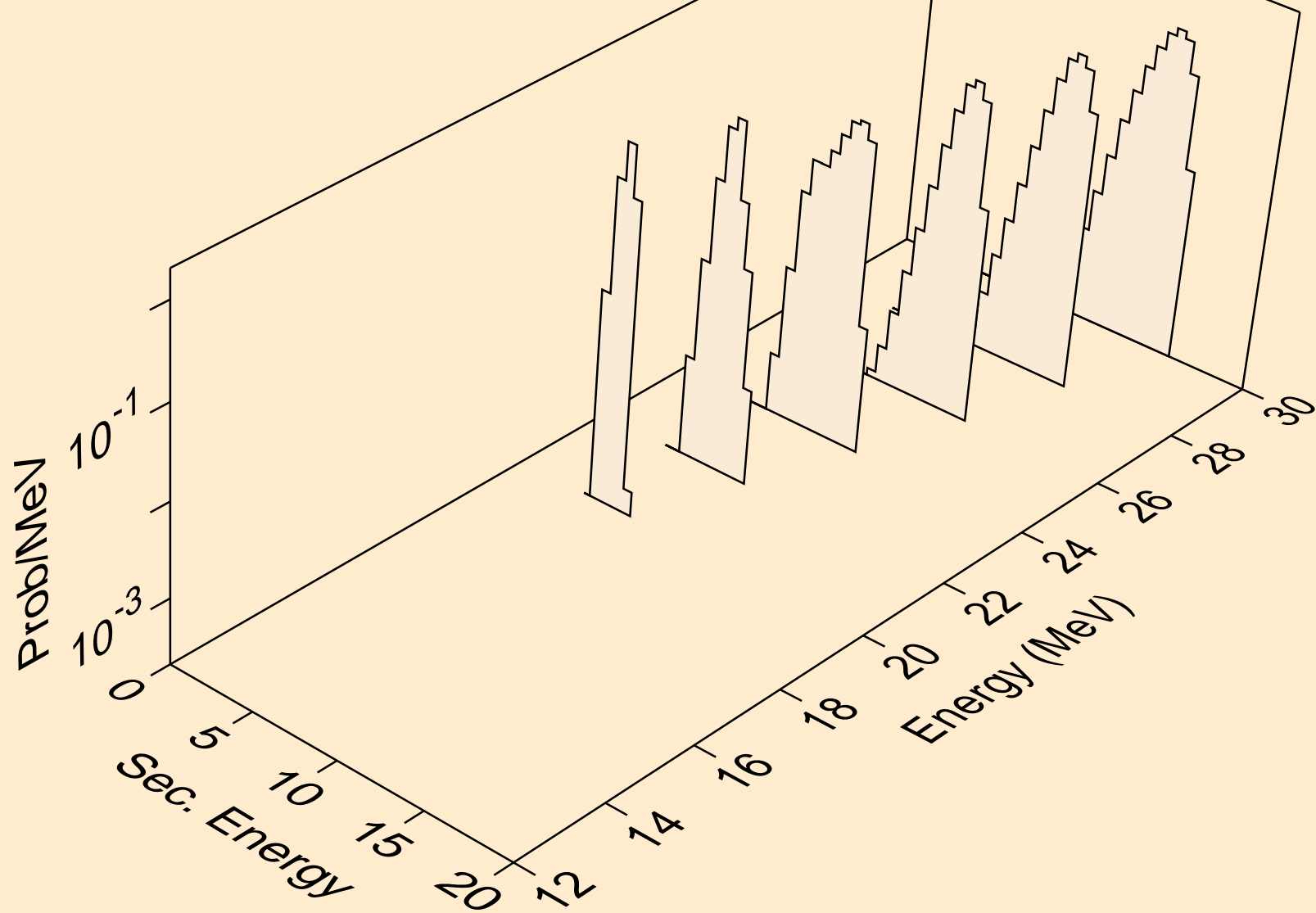
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



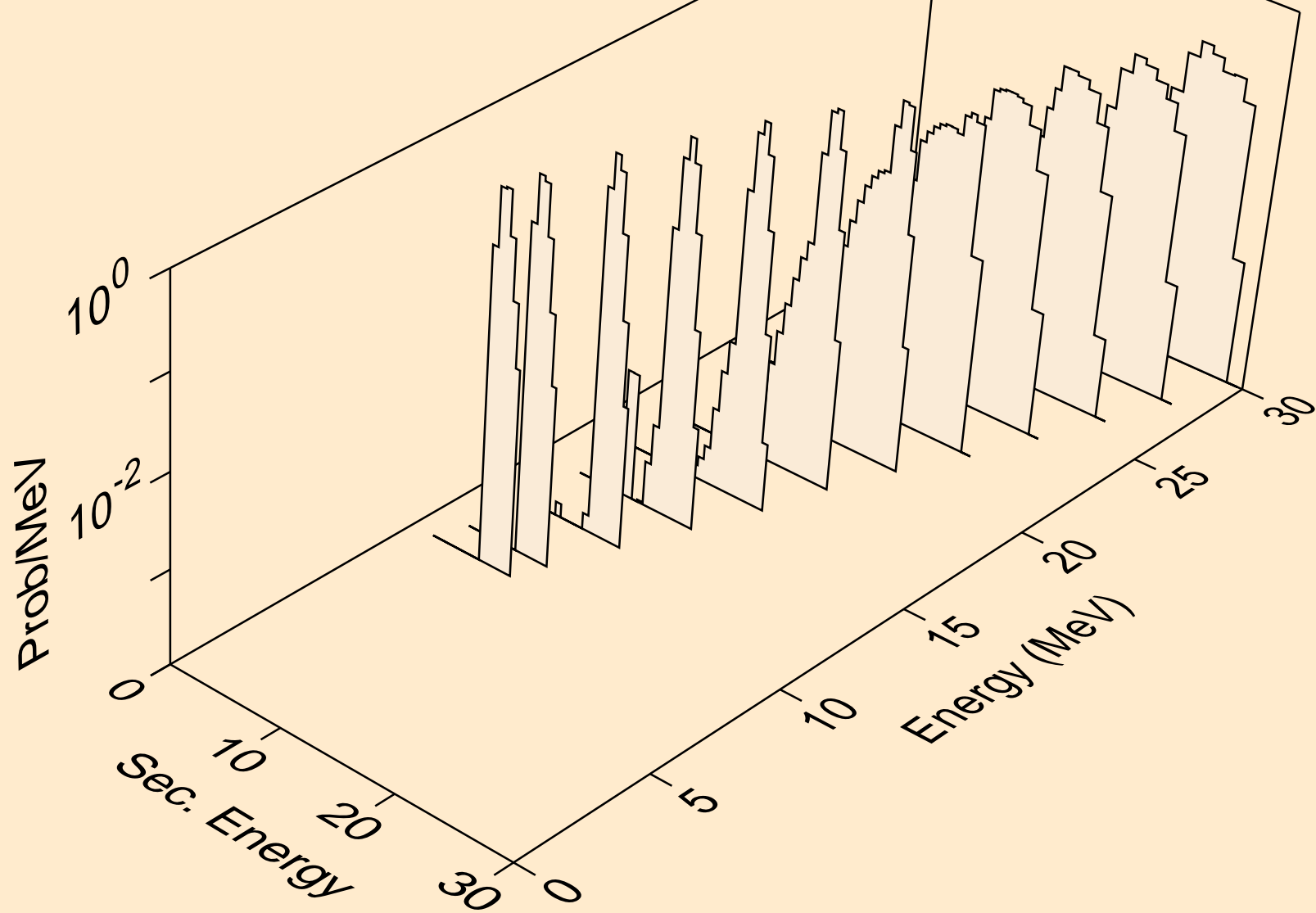
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



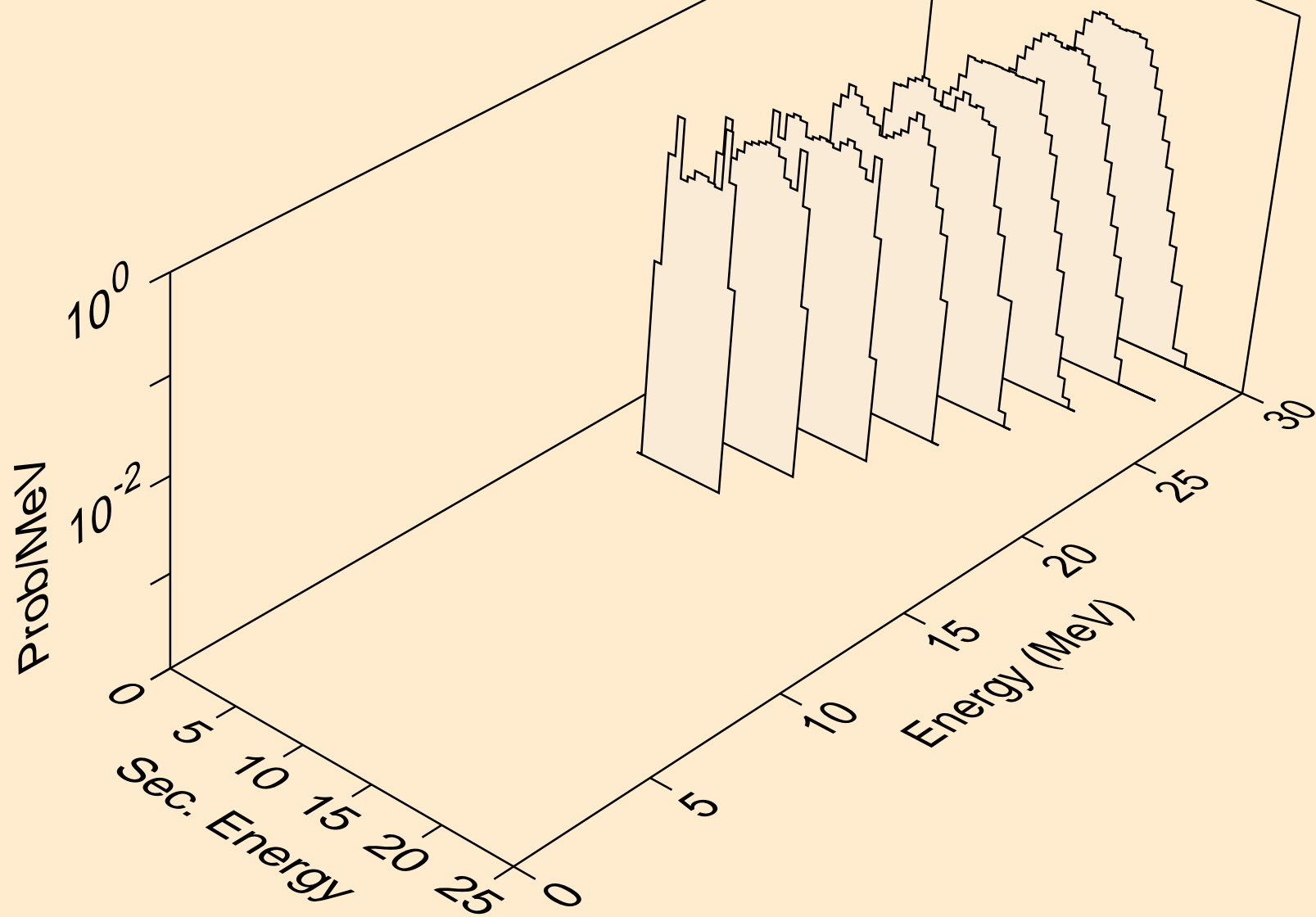
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



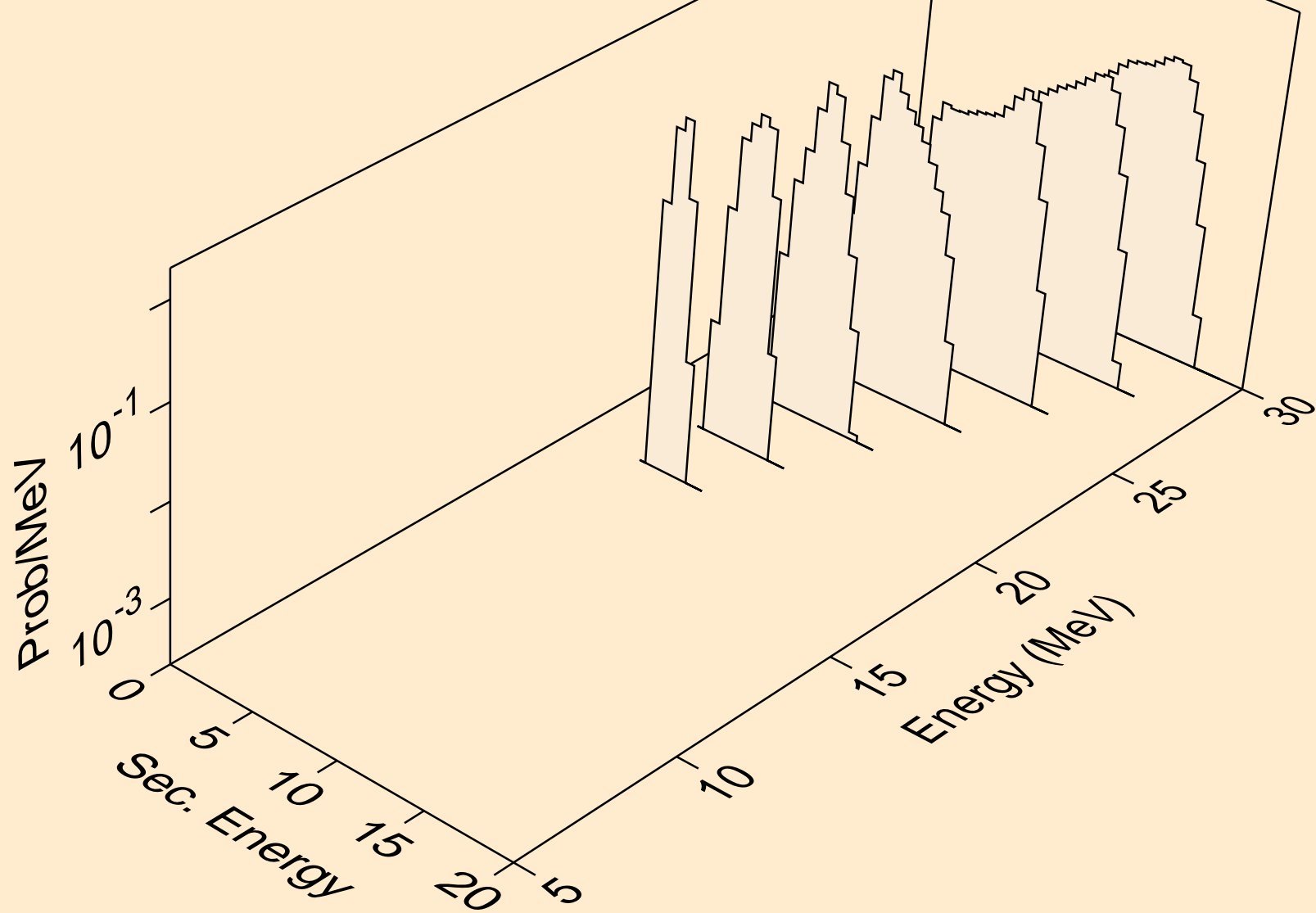
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



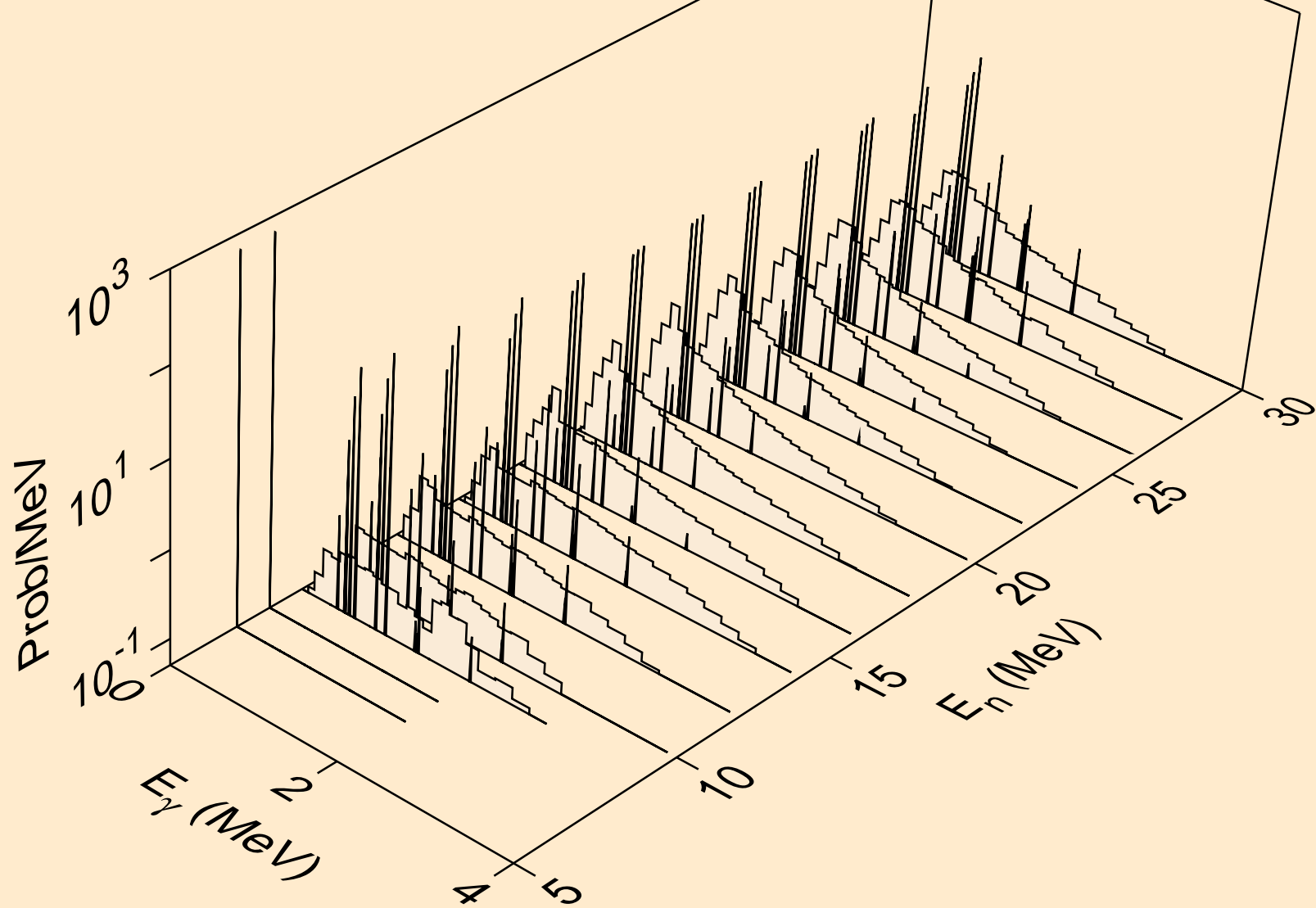
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



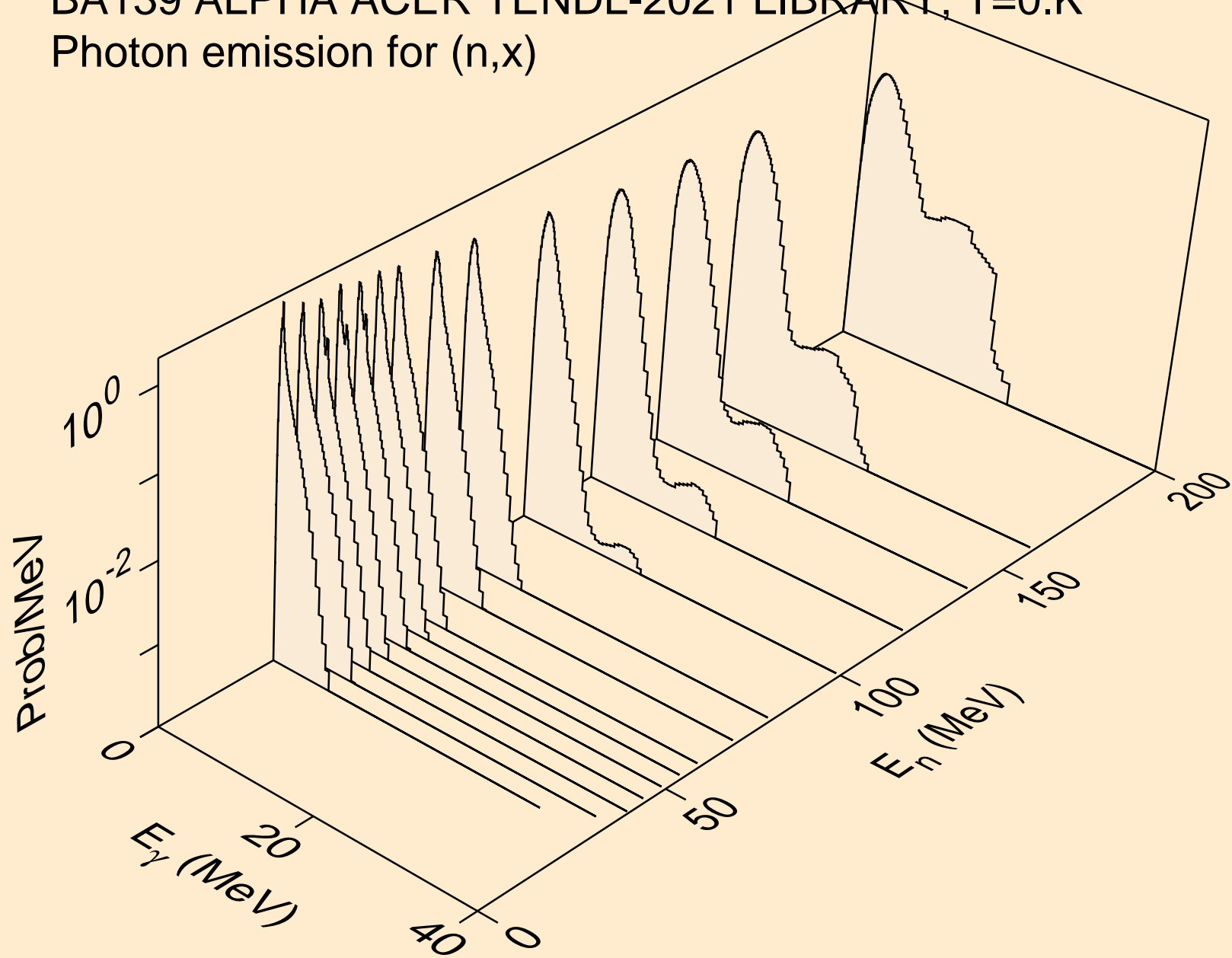
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

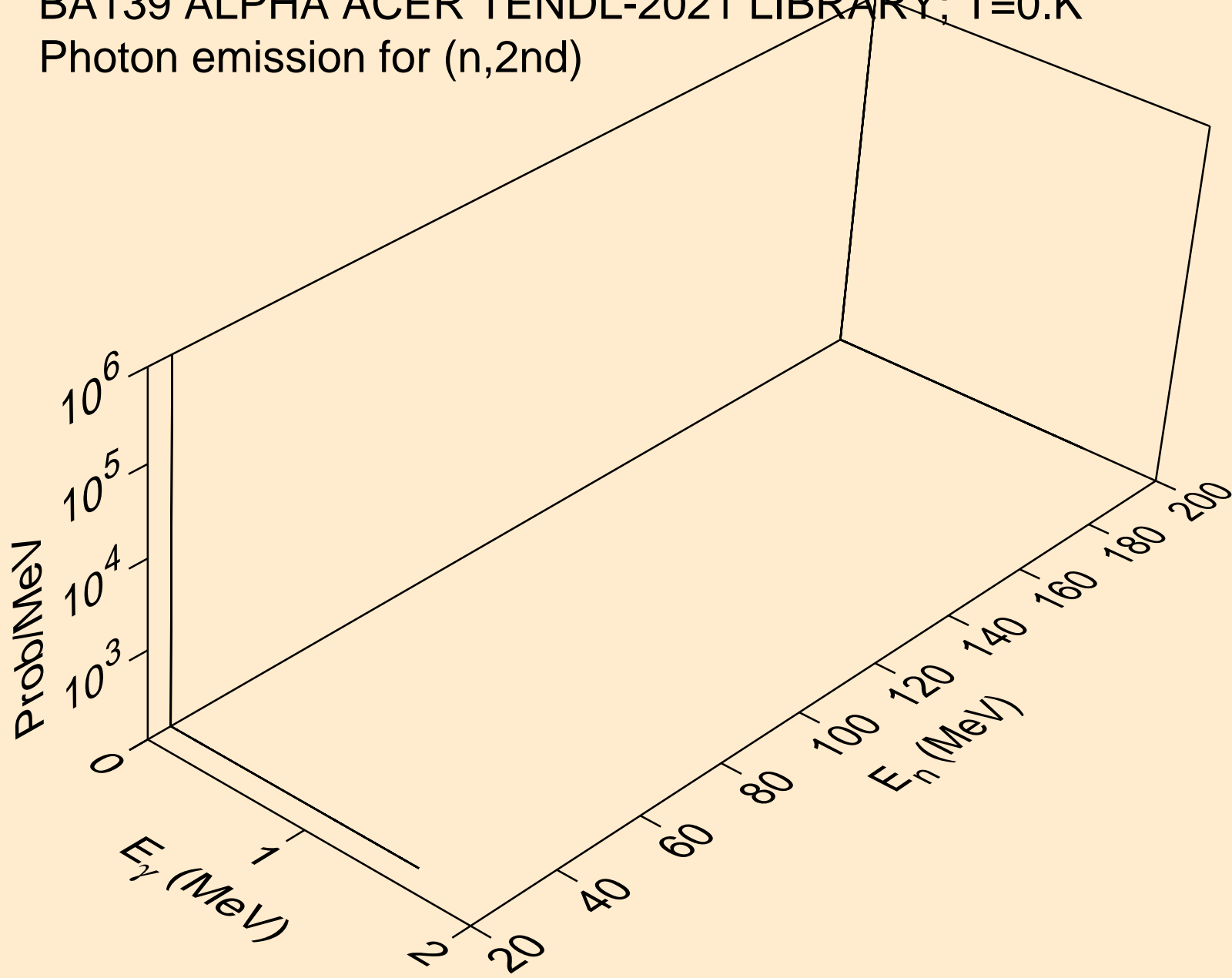


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

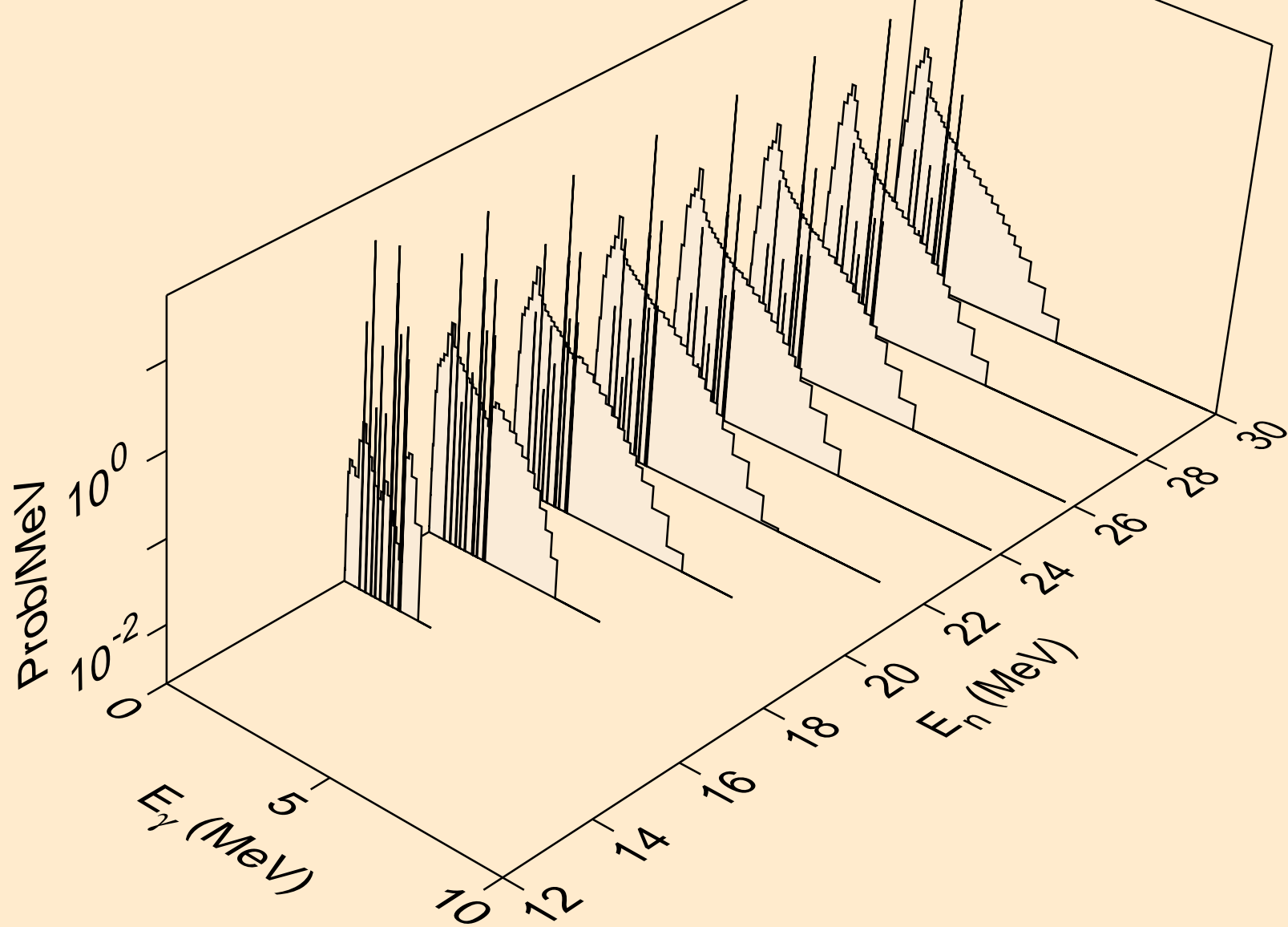




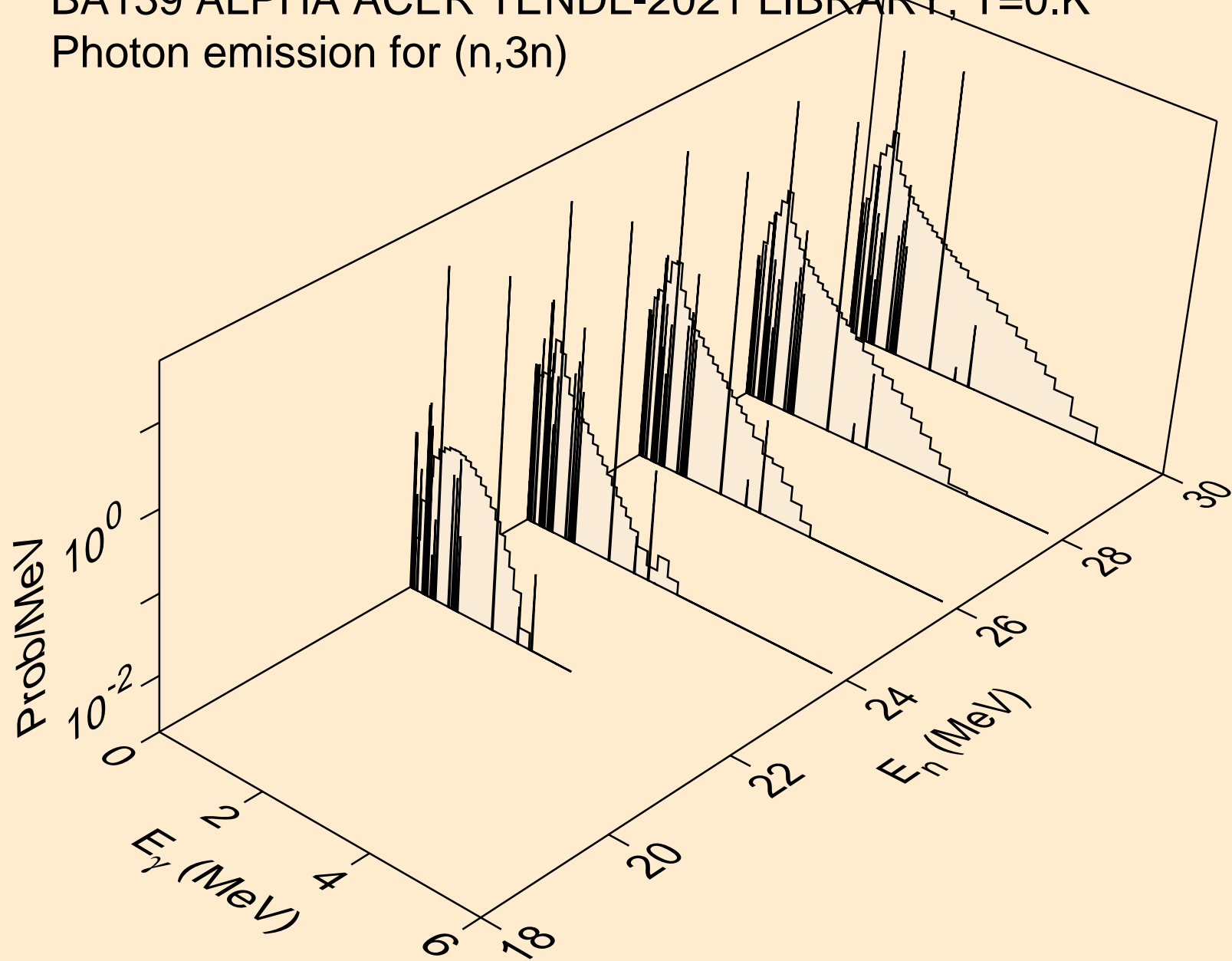
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



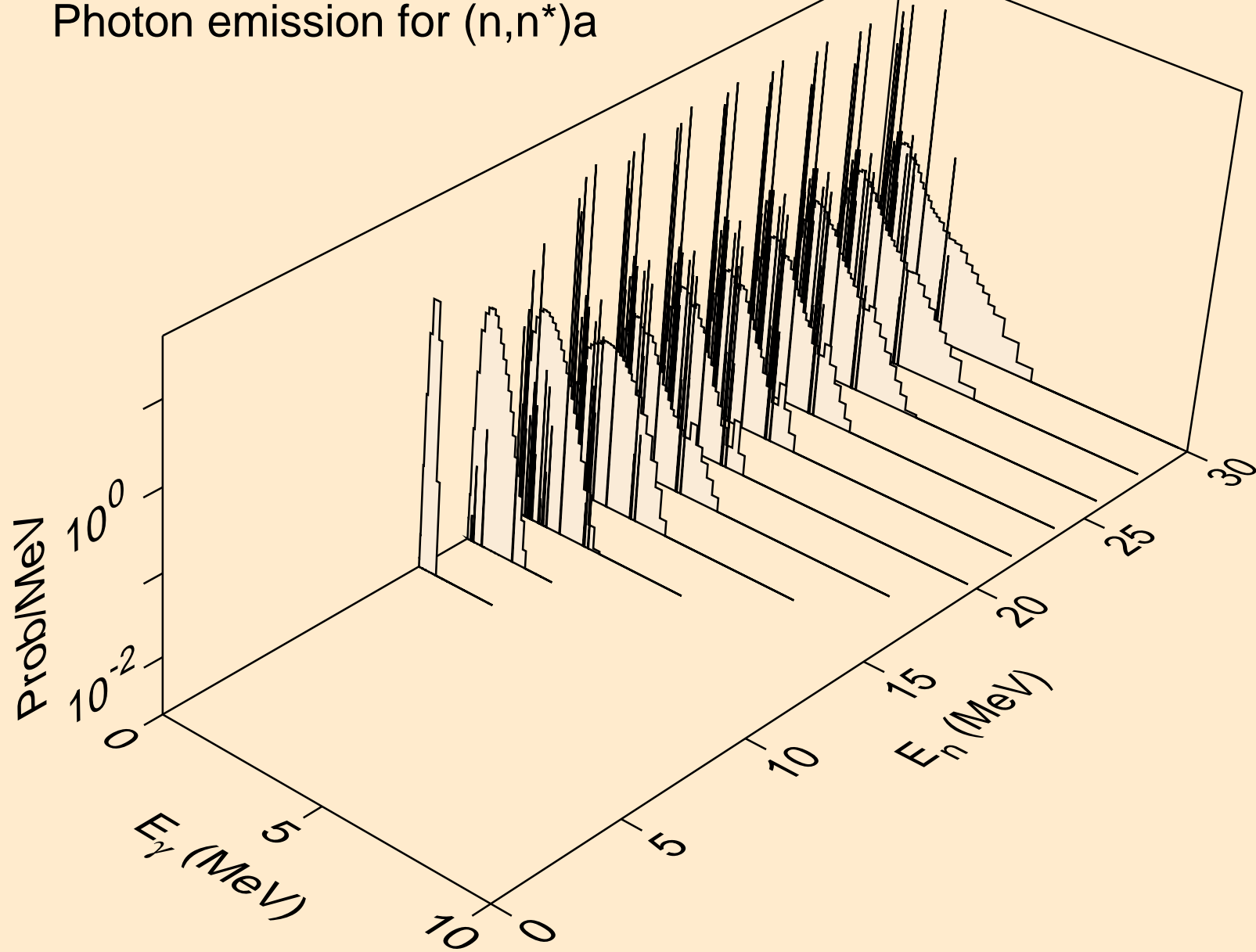
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



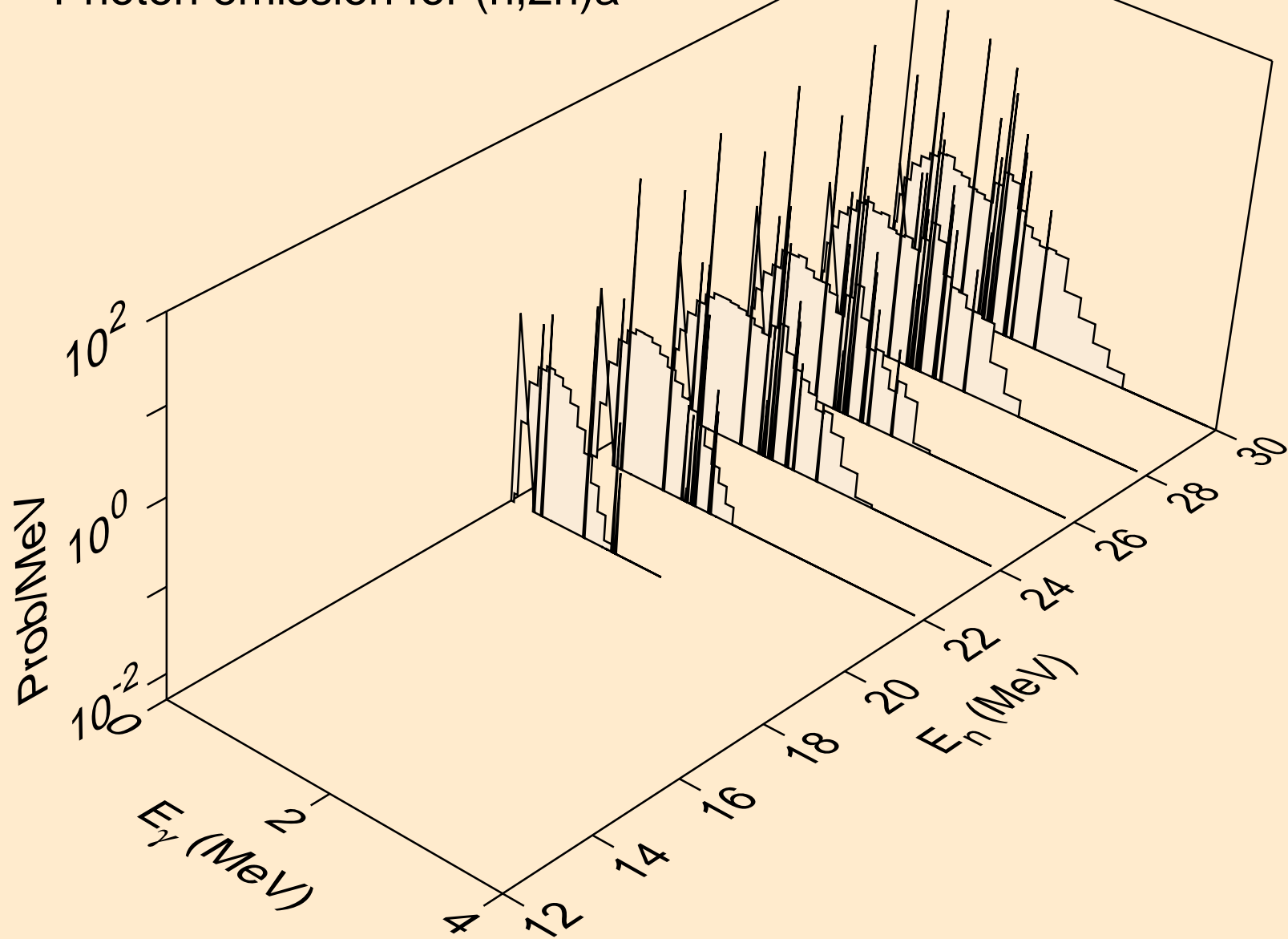
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



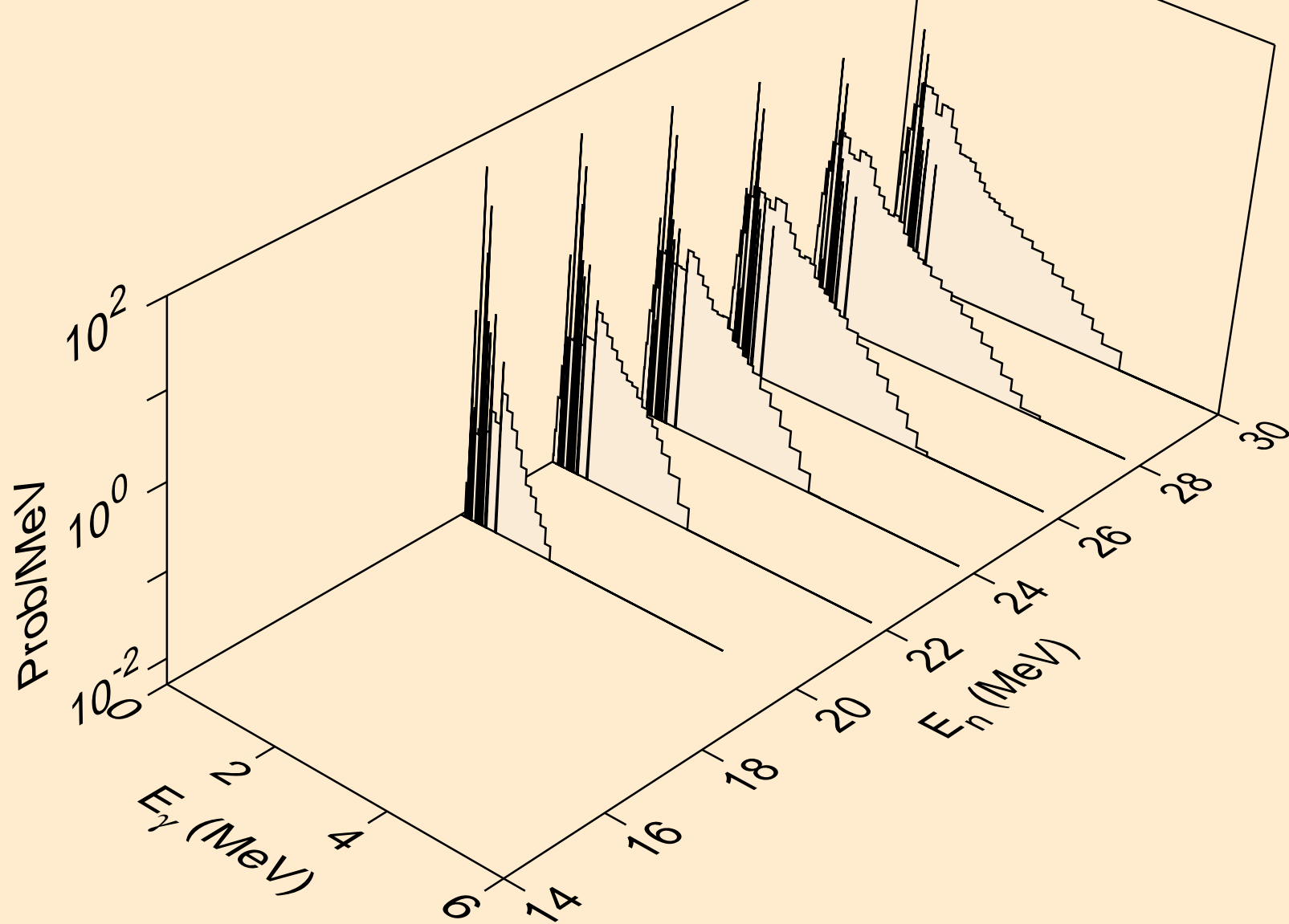
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



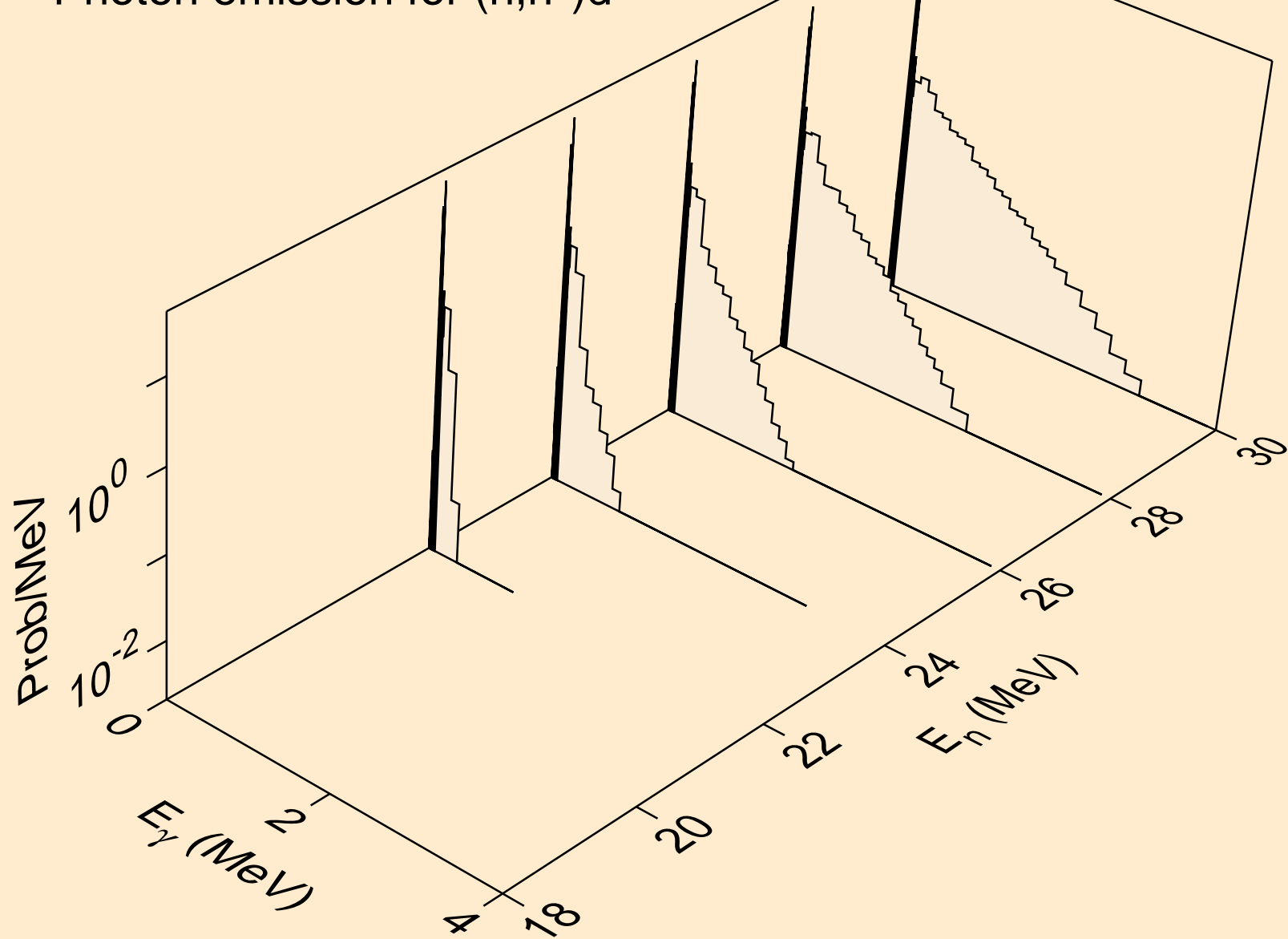
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



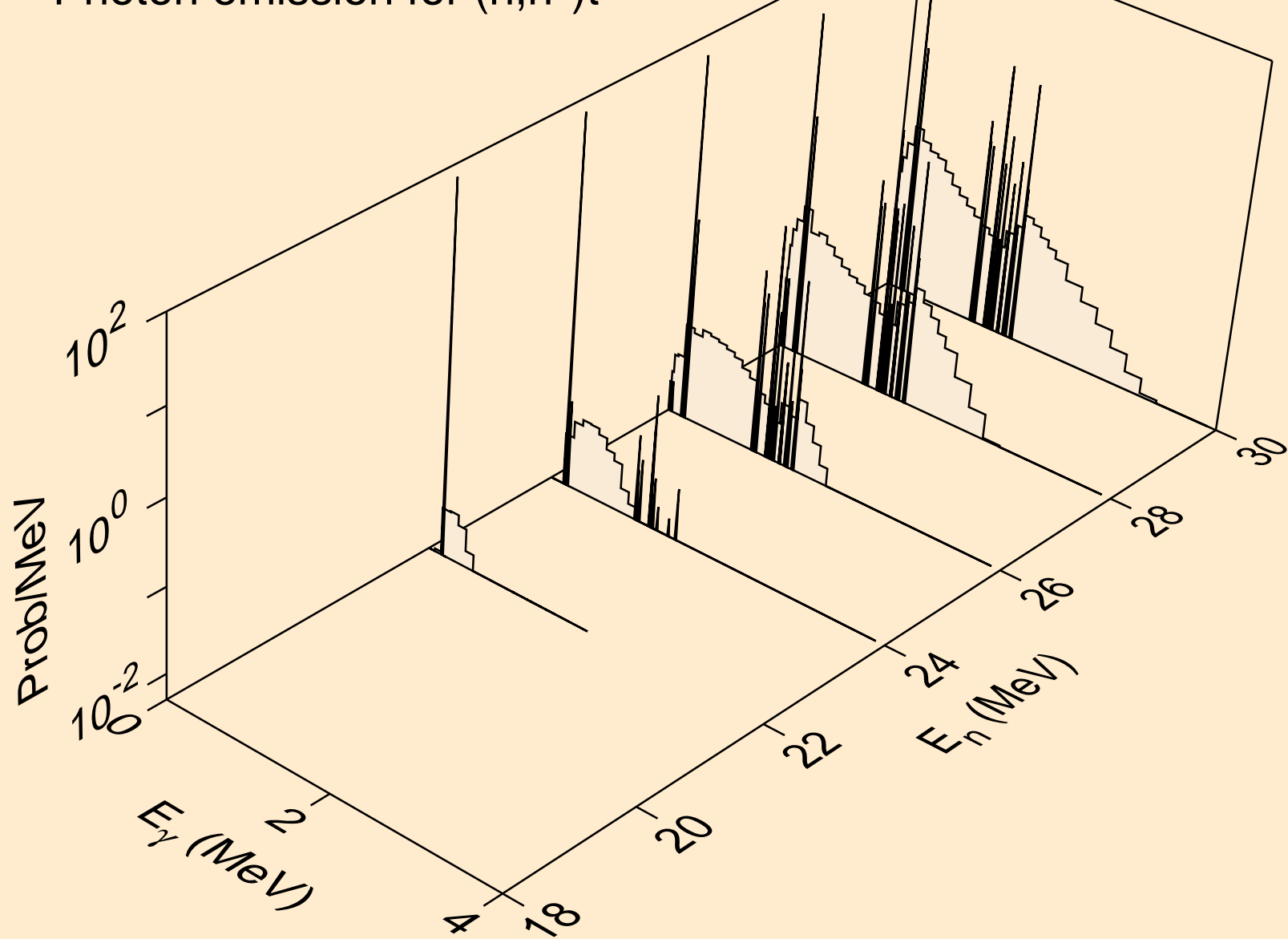
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

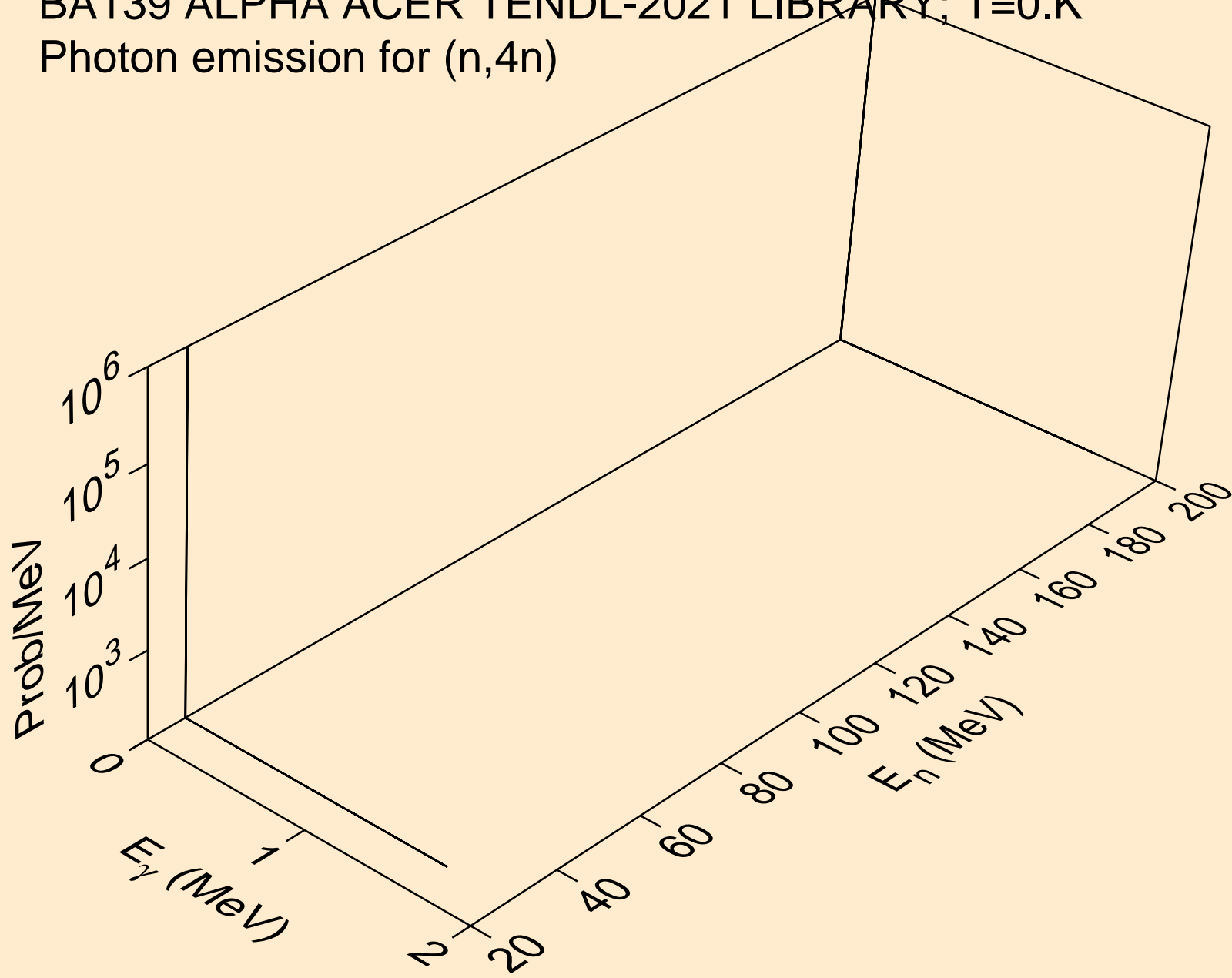


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

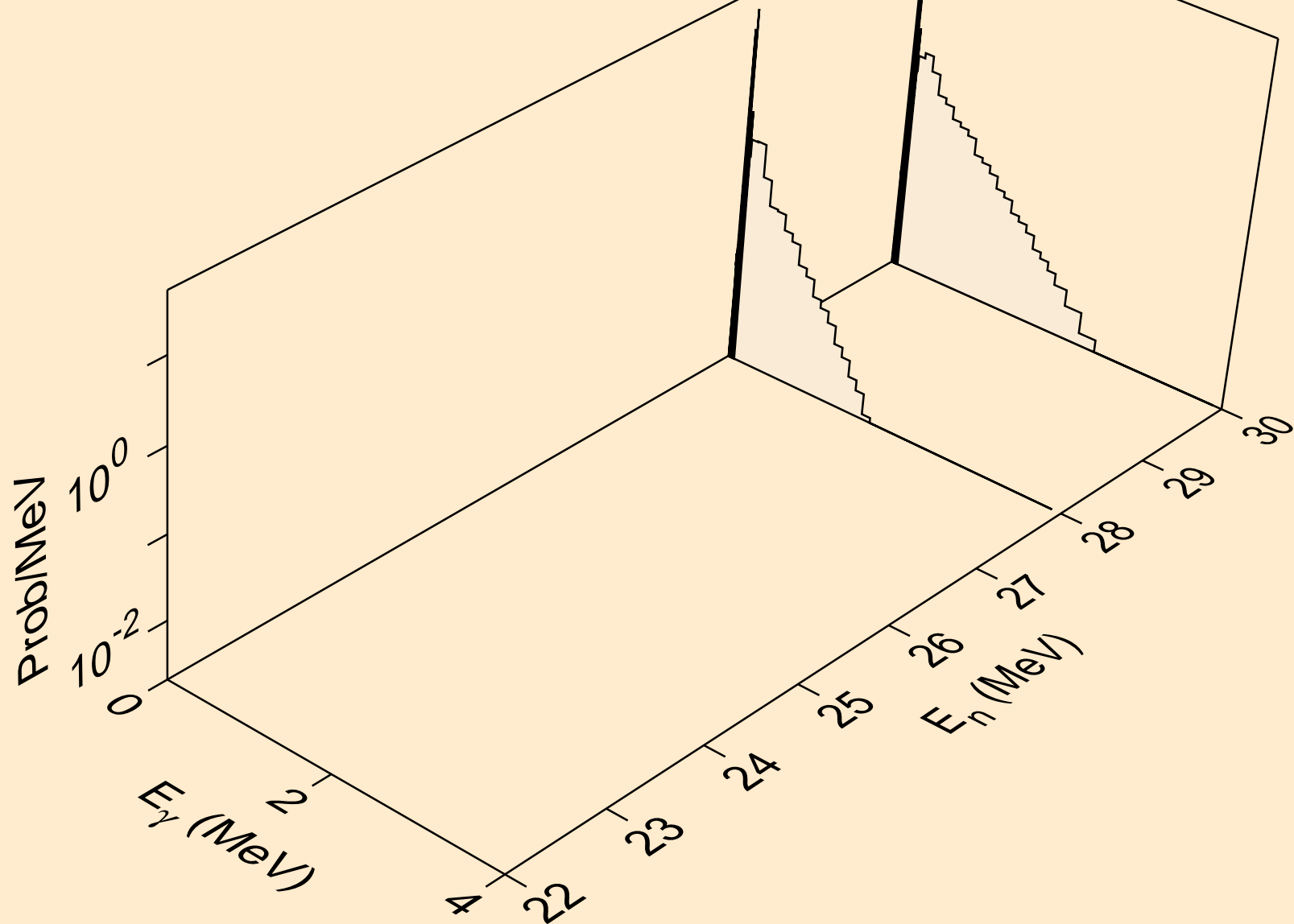




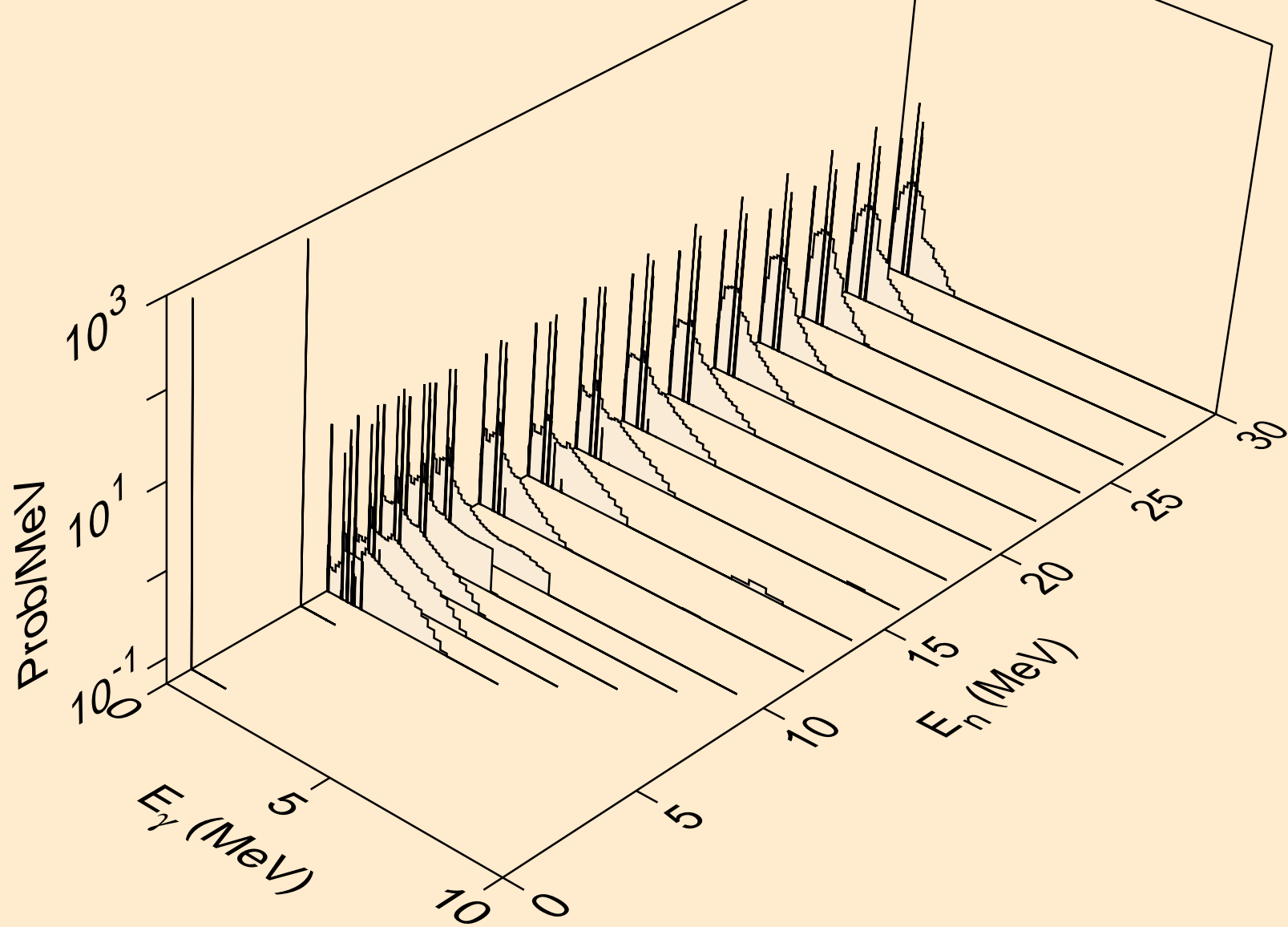
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



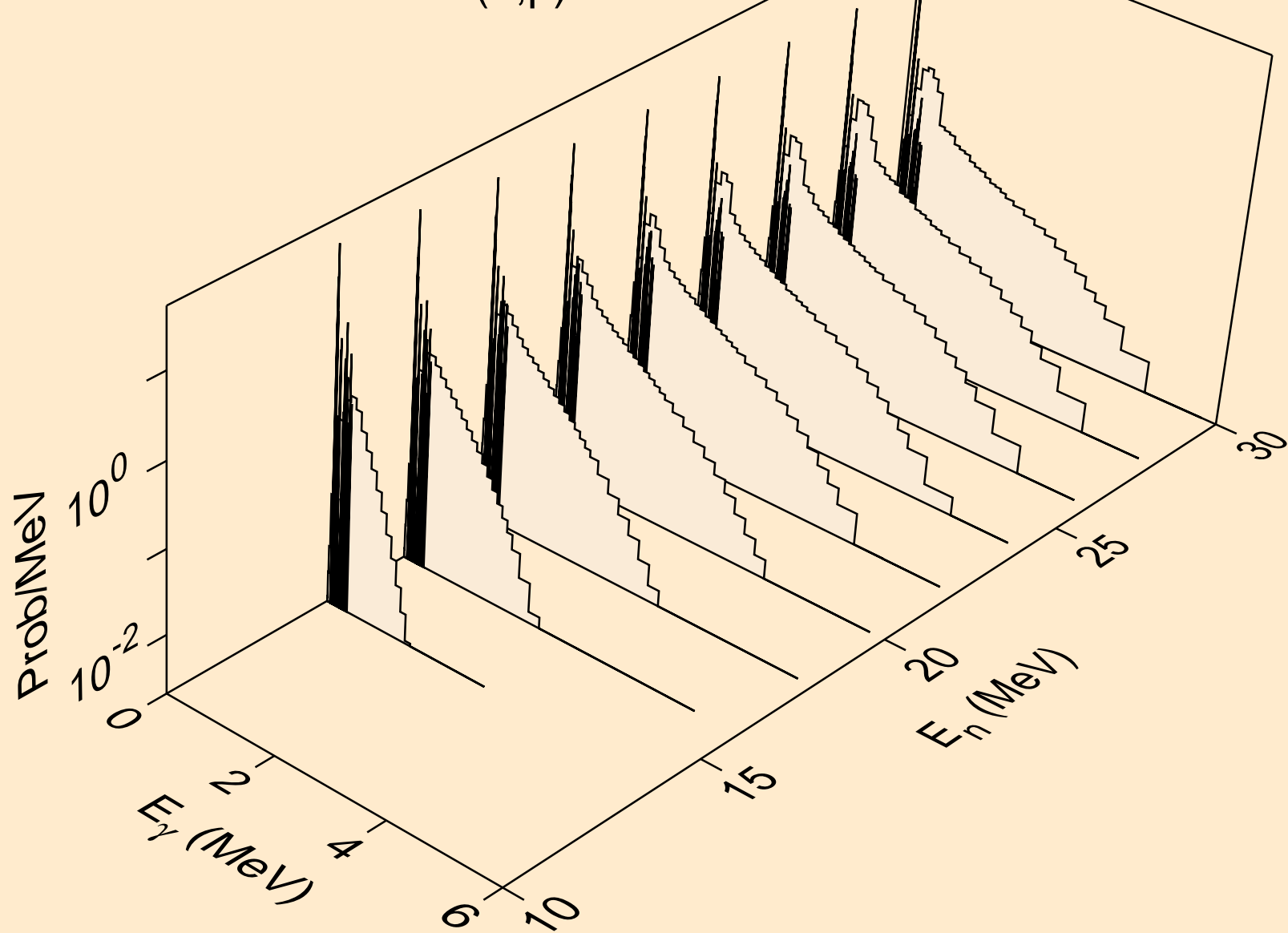
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



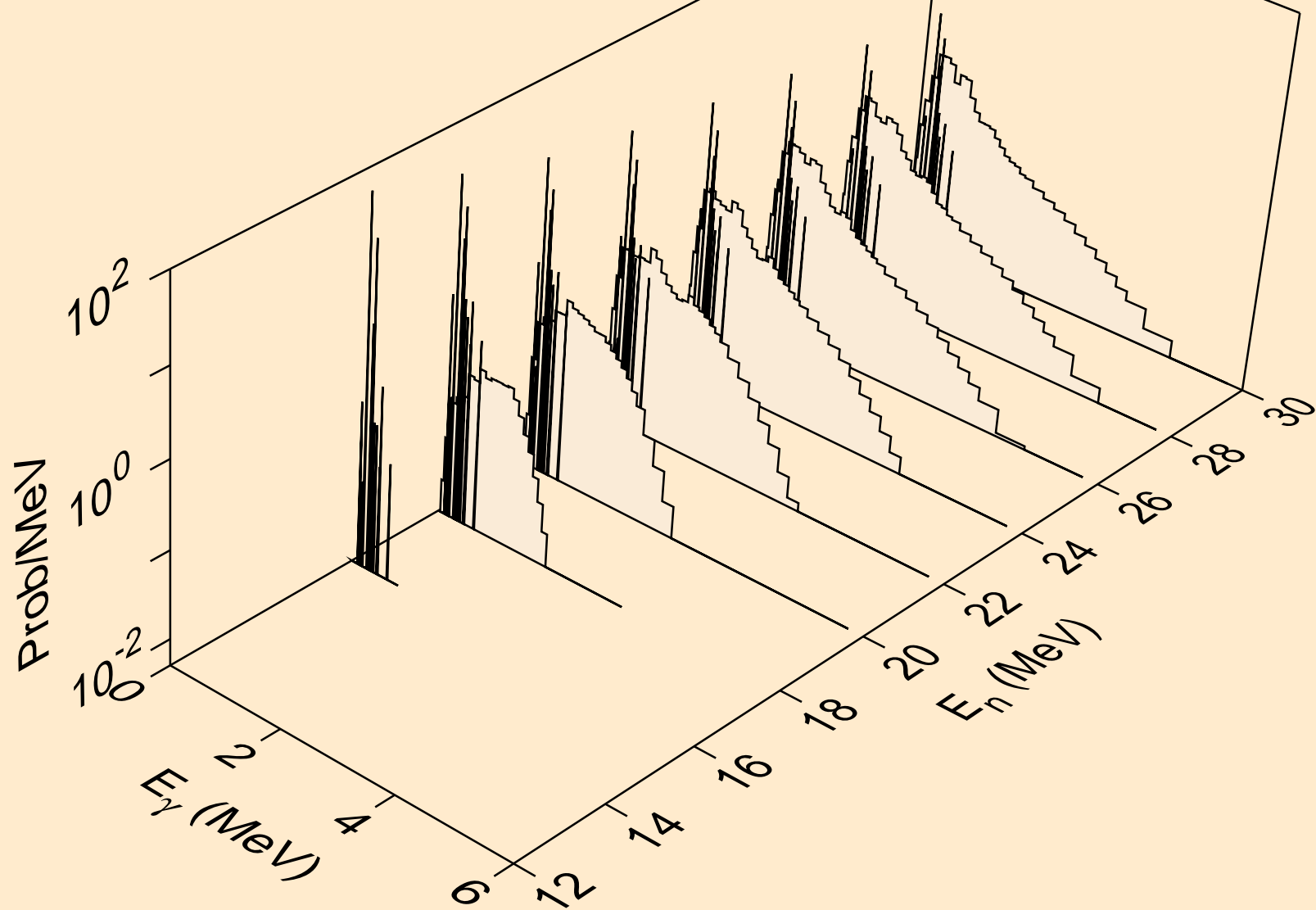
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



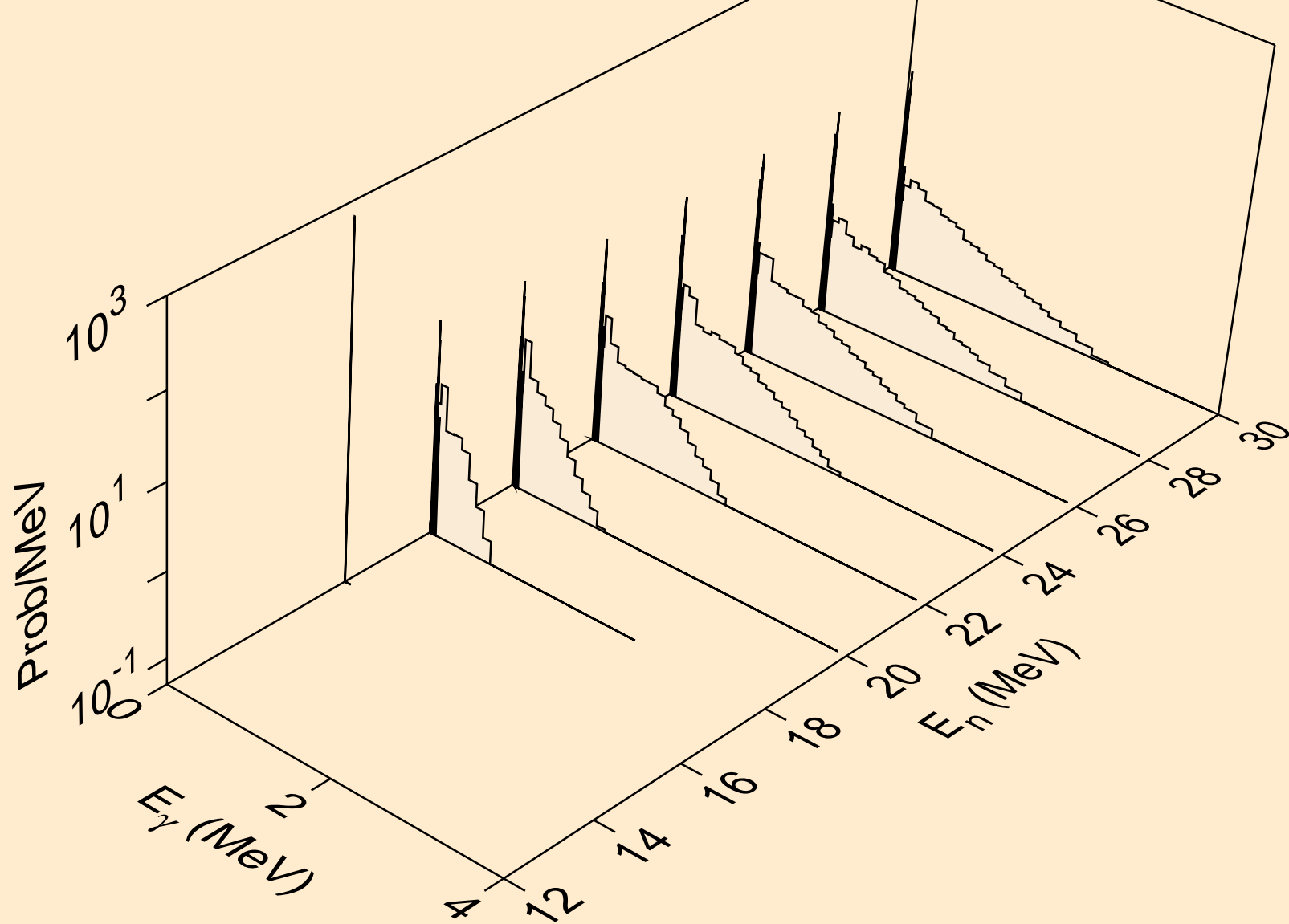
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



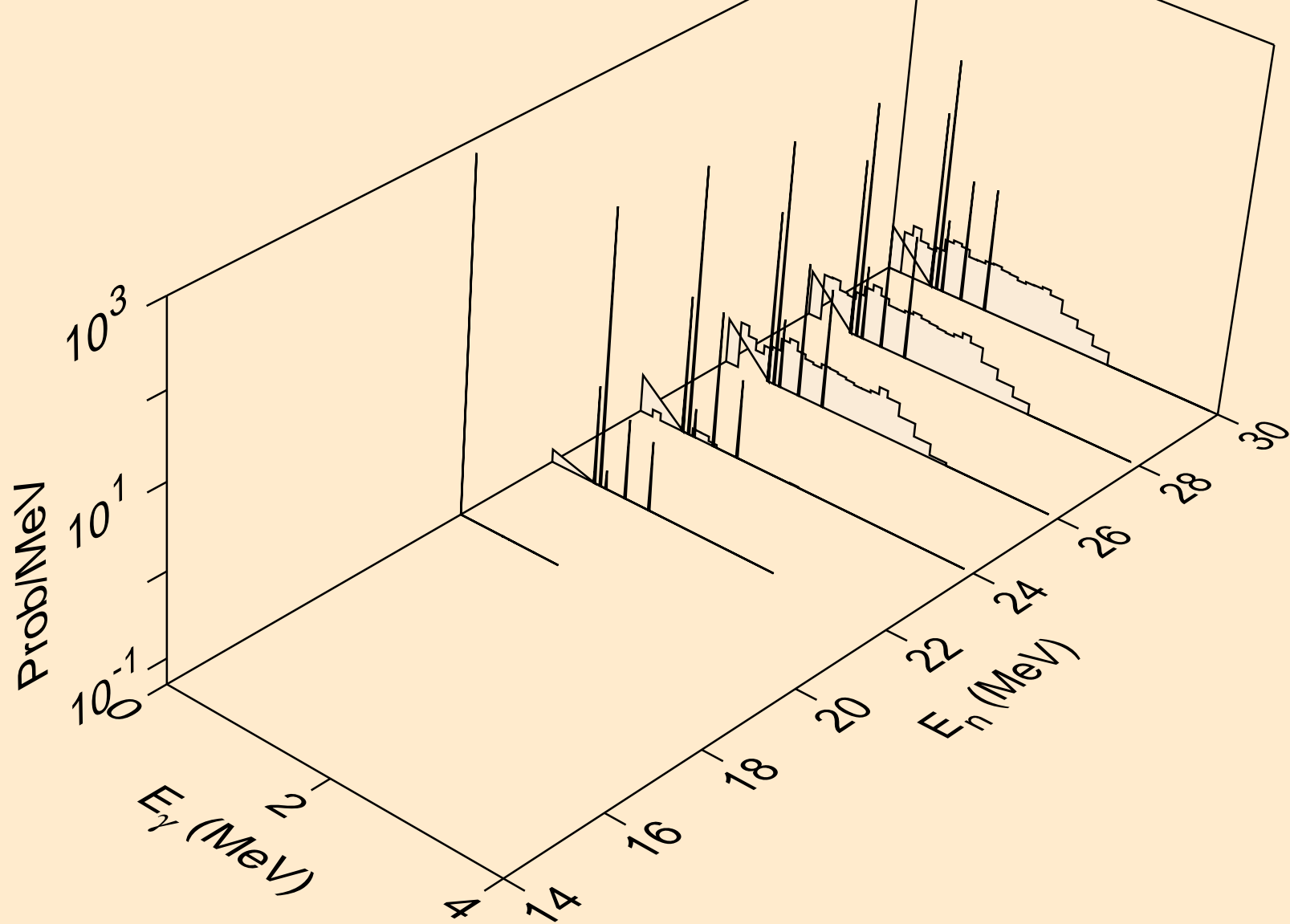
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



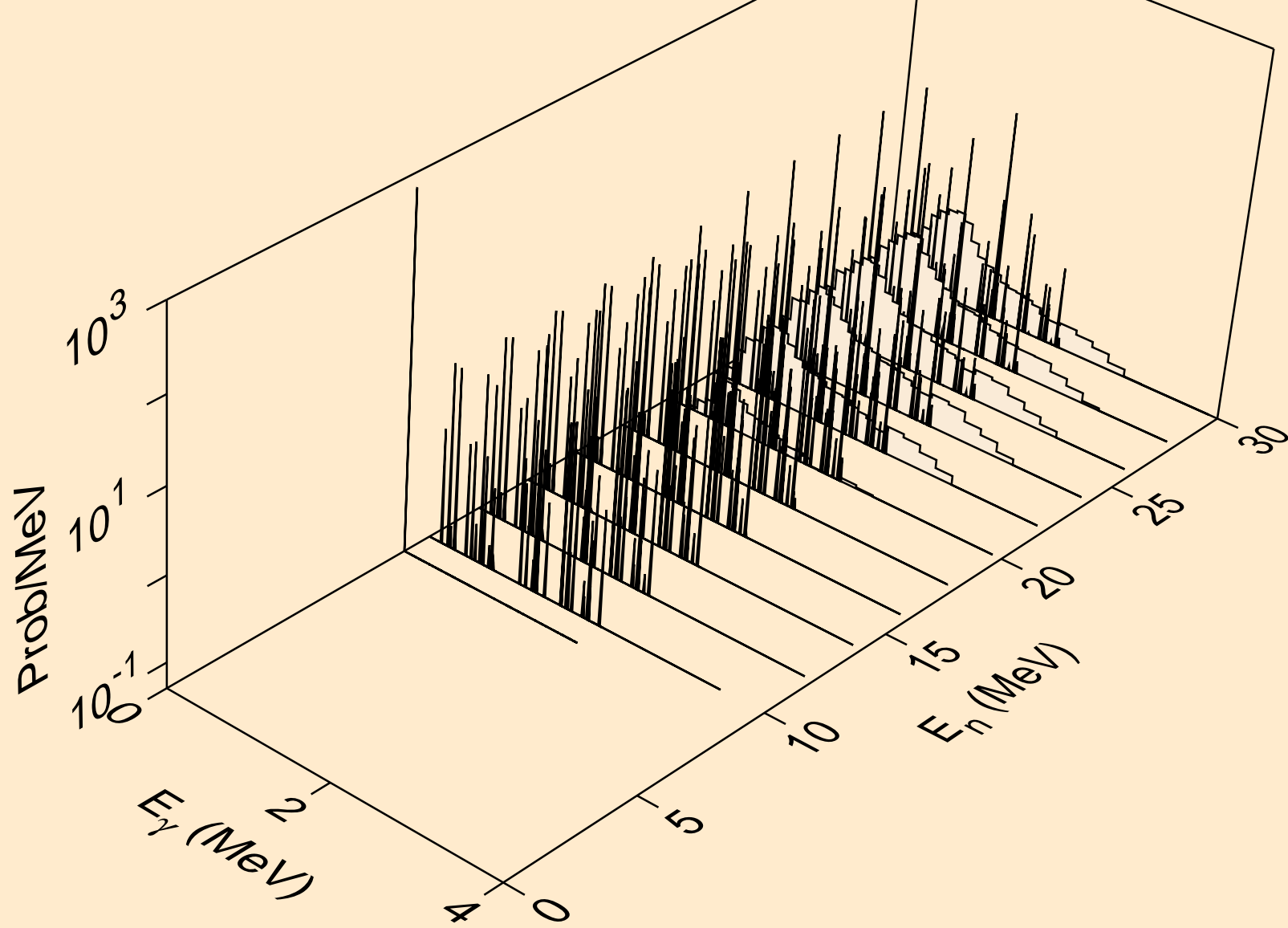
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

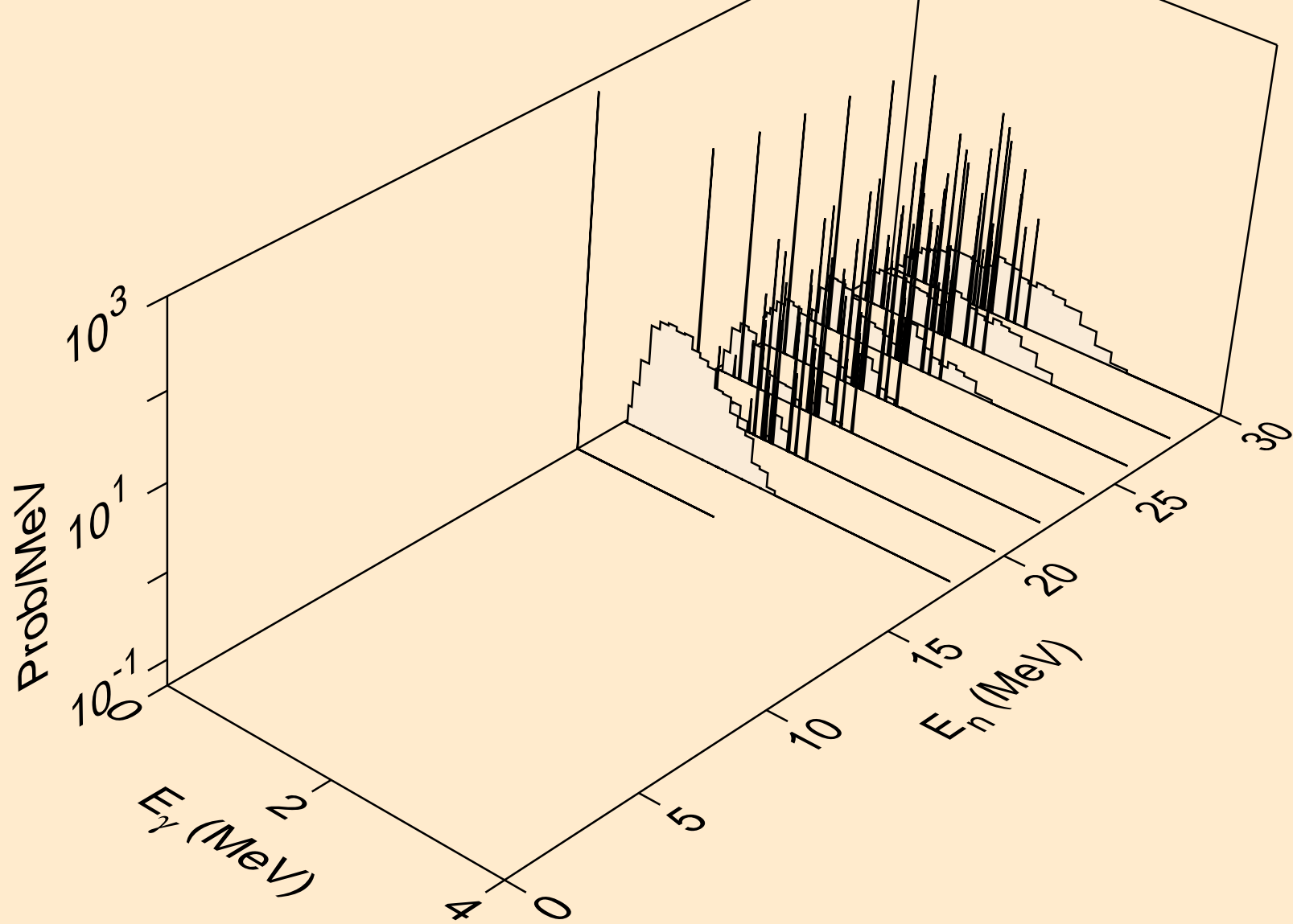


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

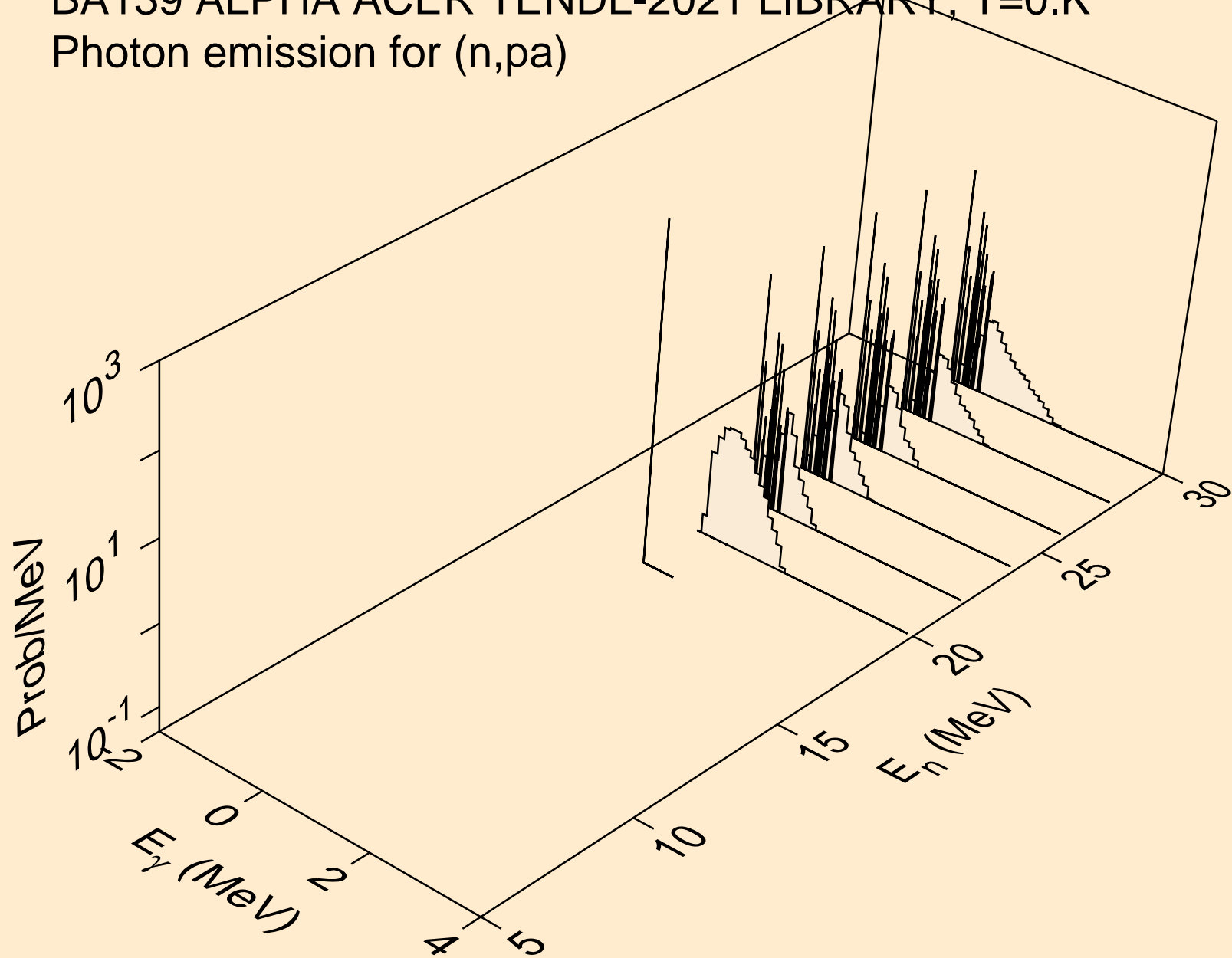




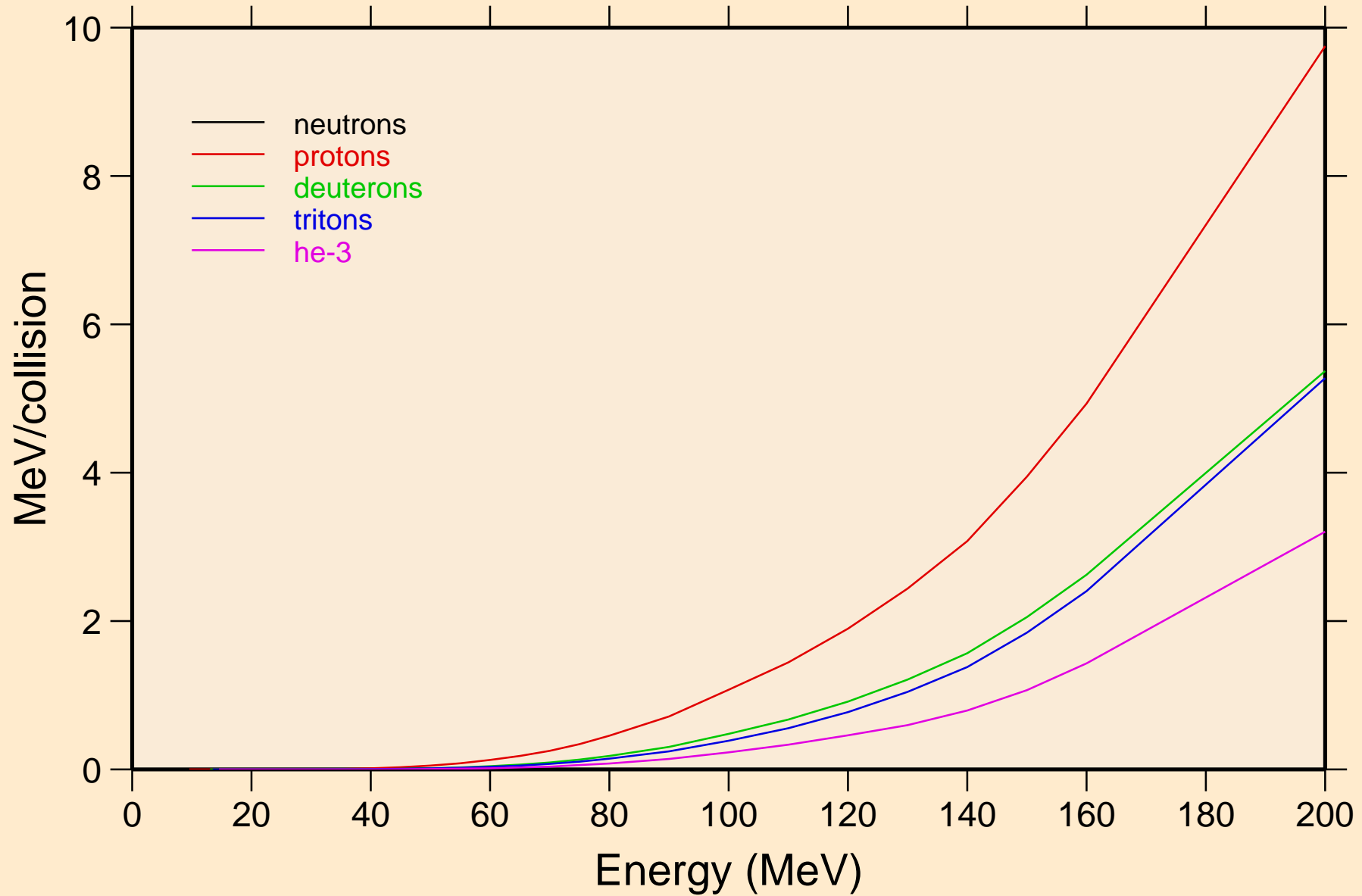
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



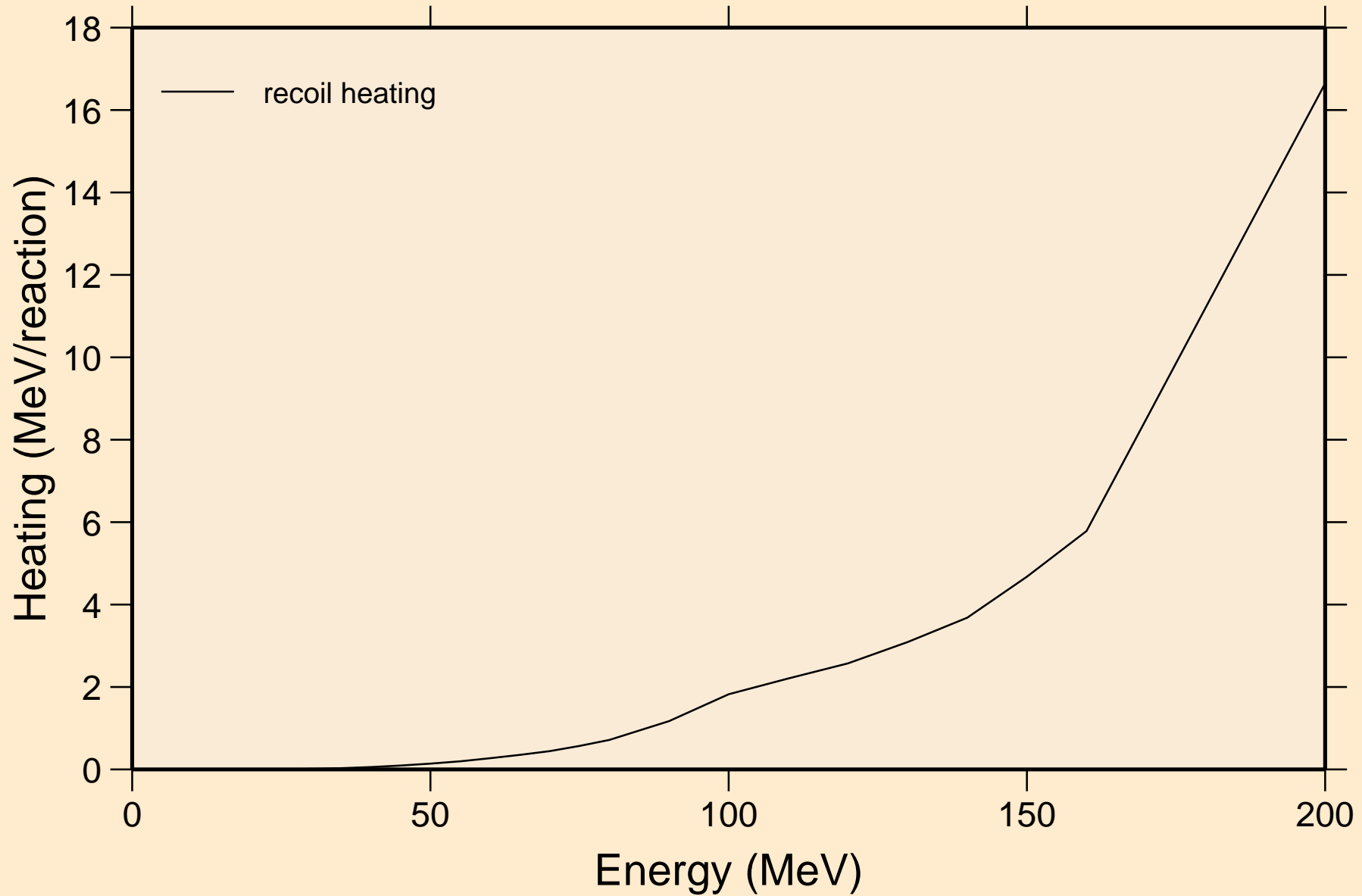
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



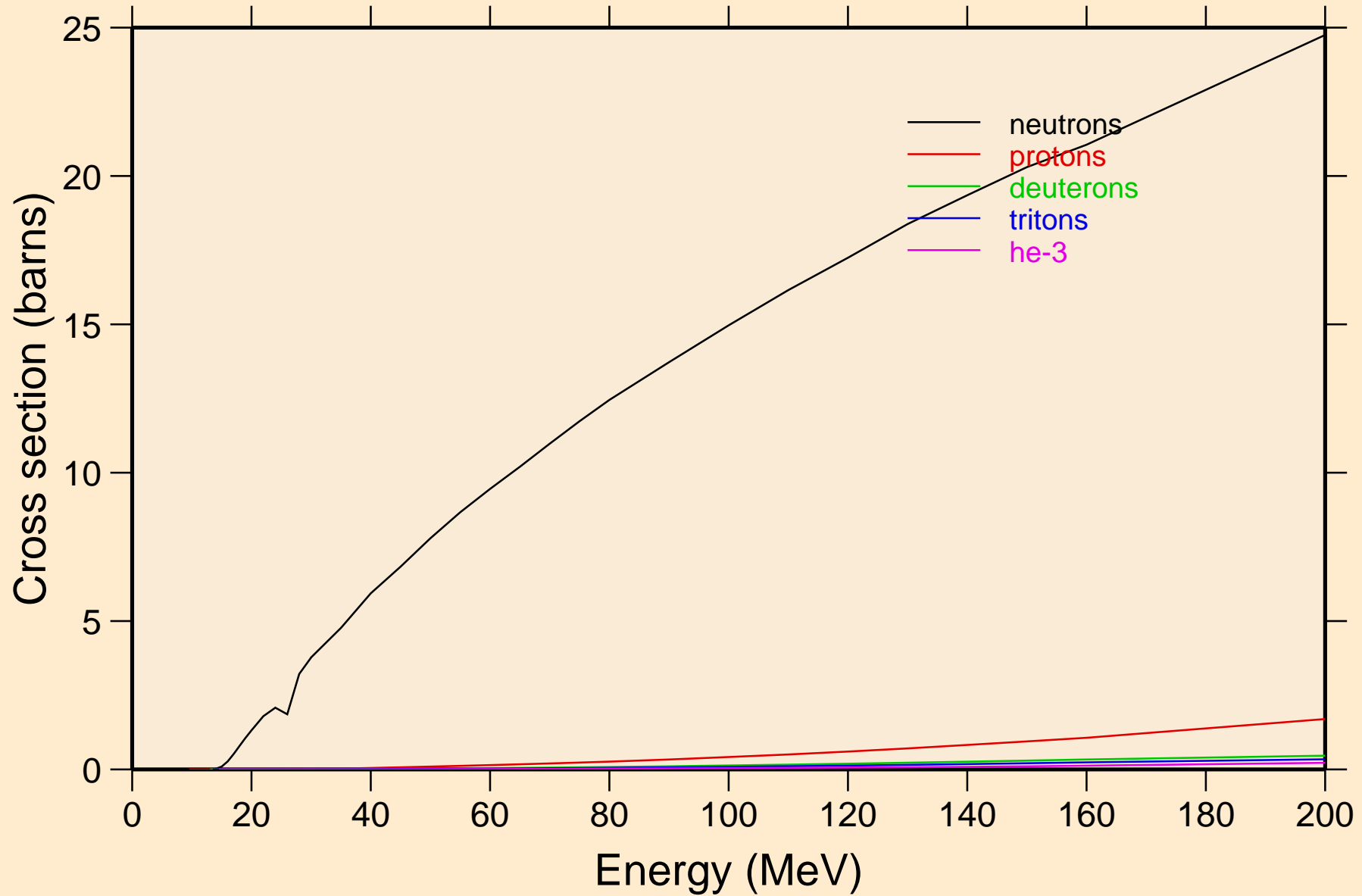
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



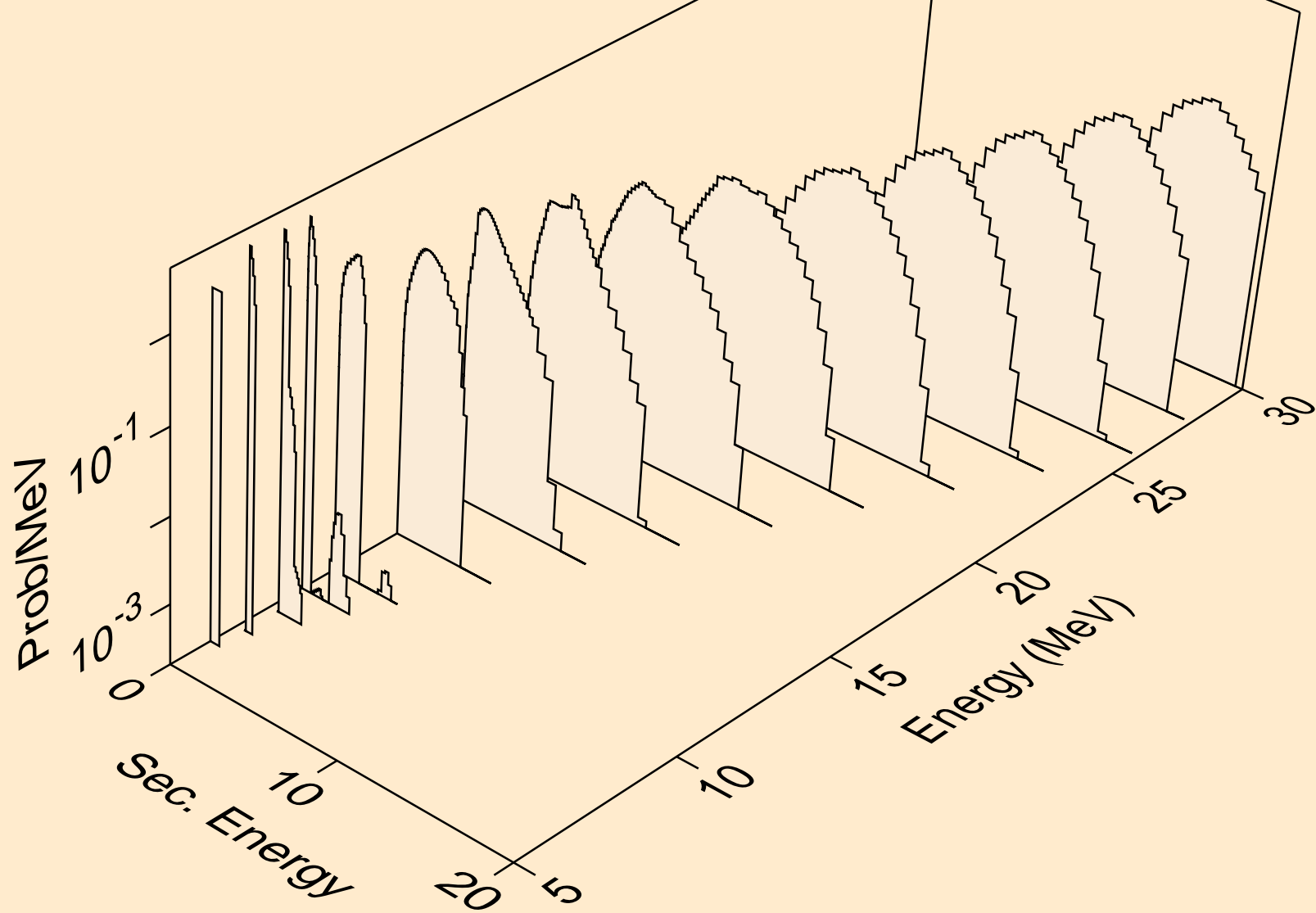
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



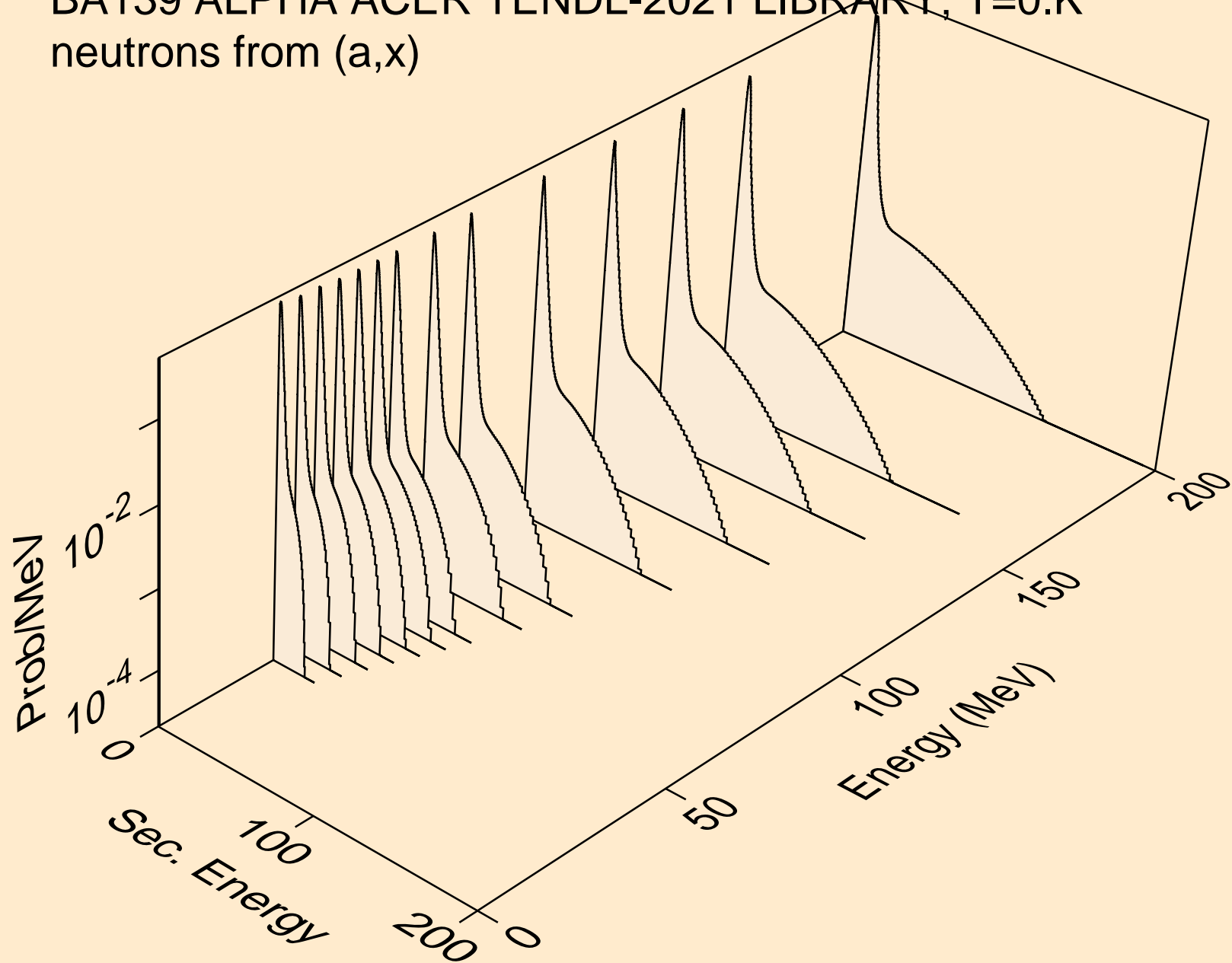
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



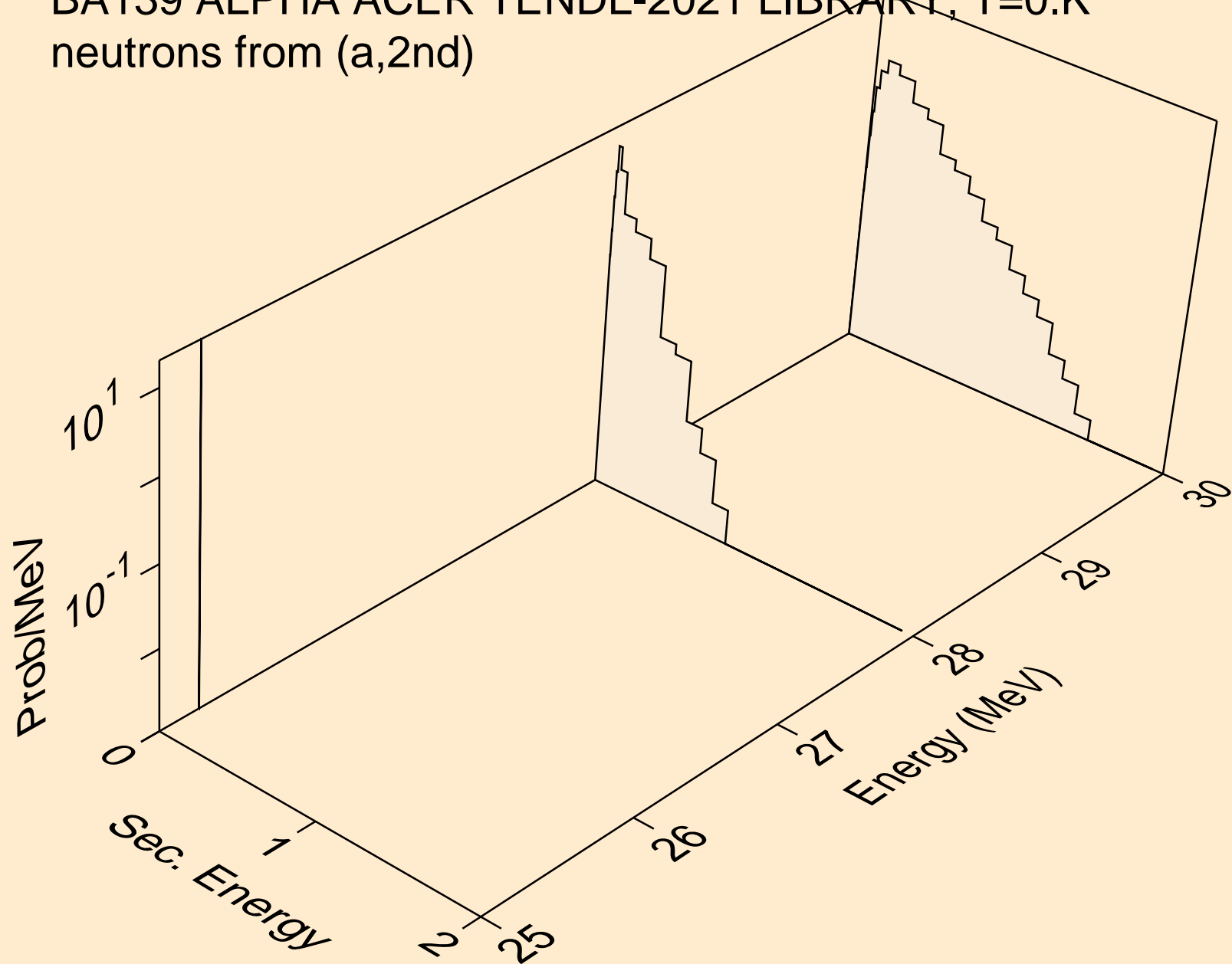
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

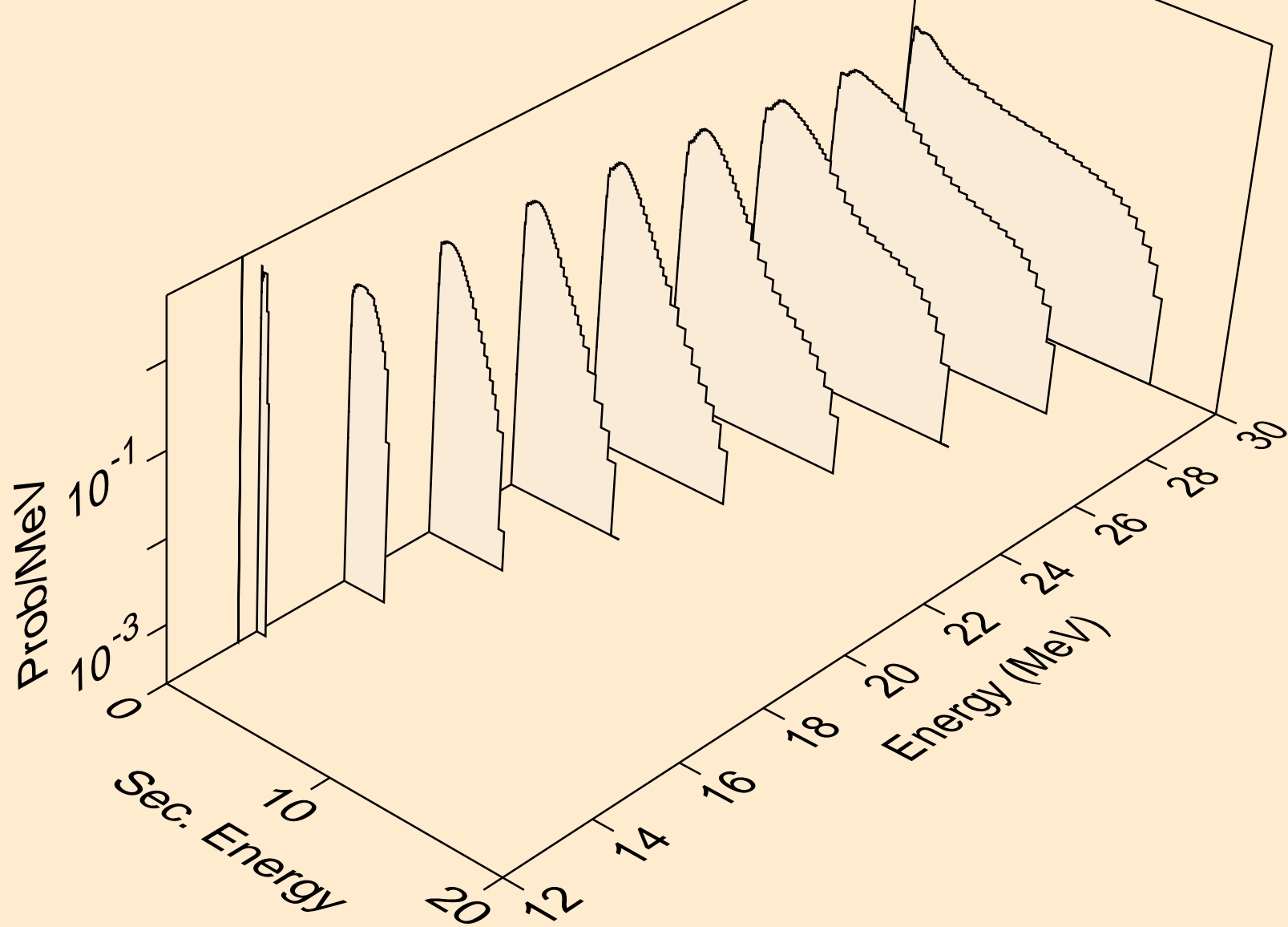


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)

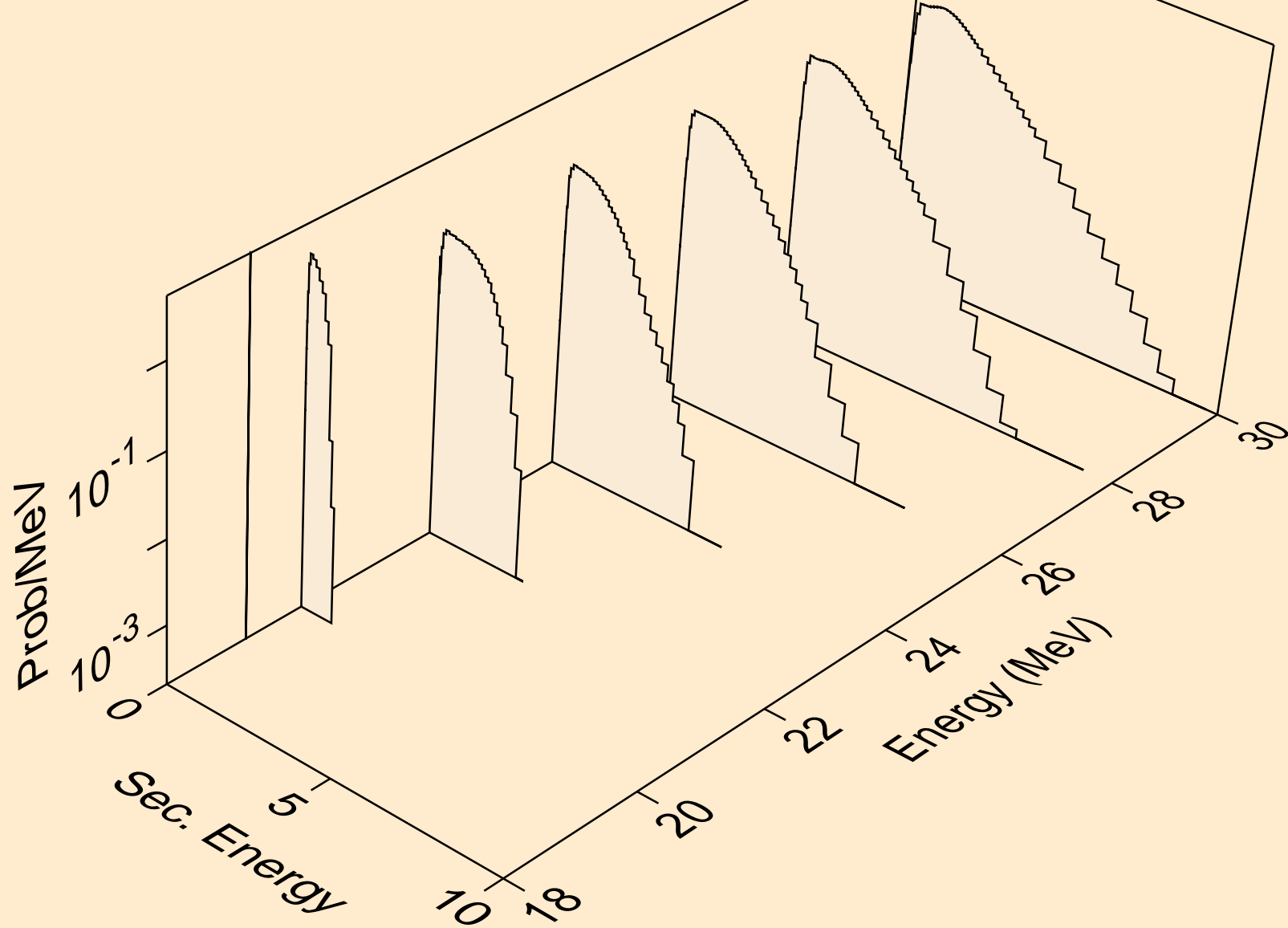




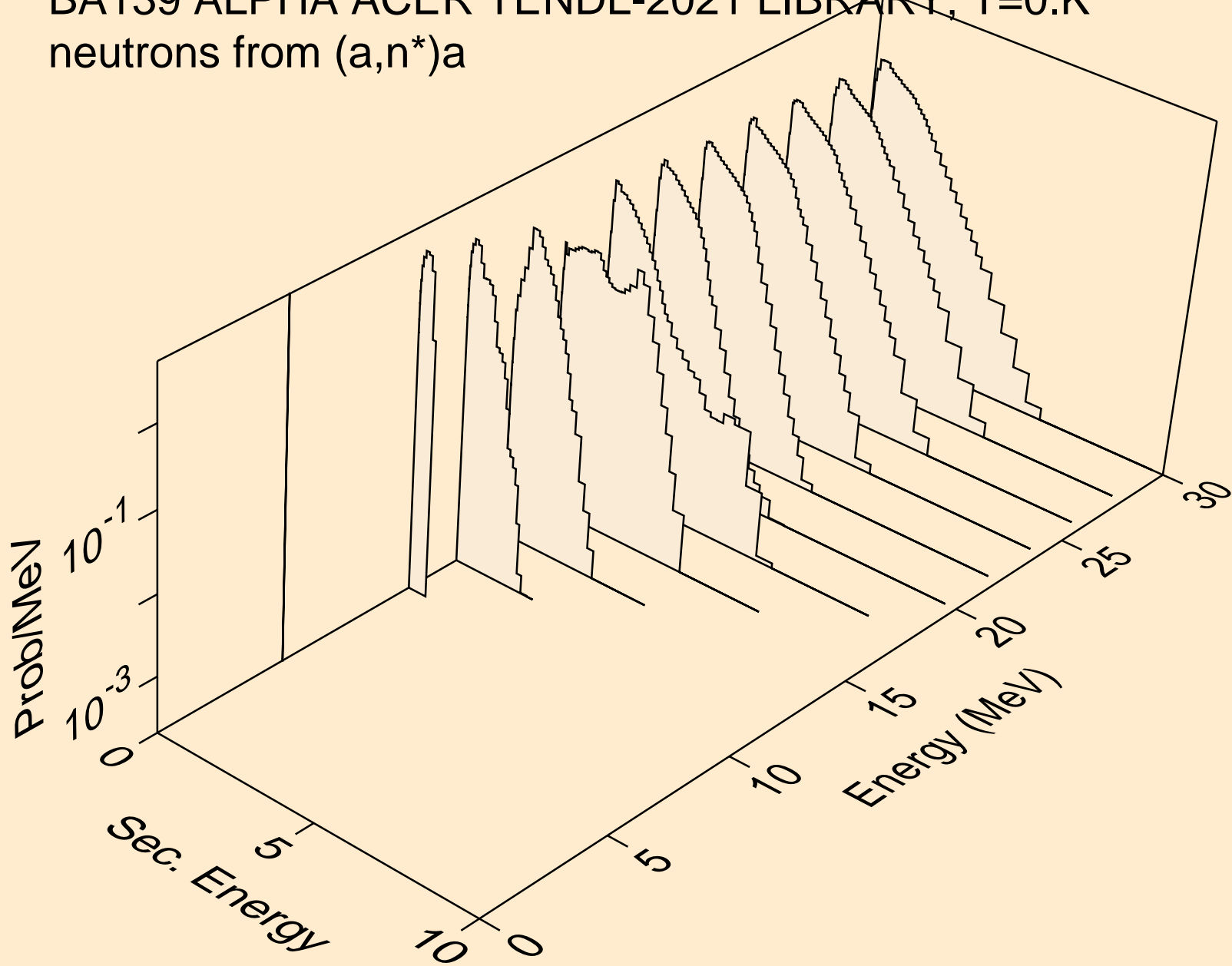
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



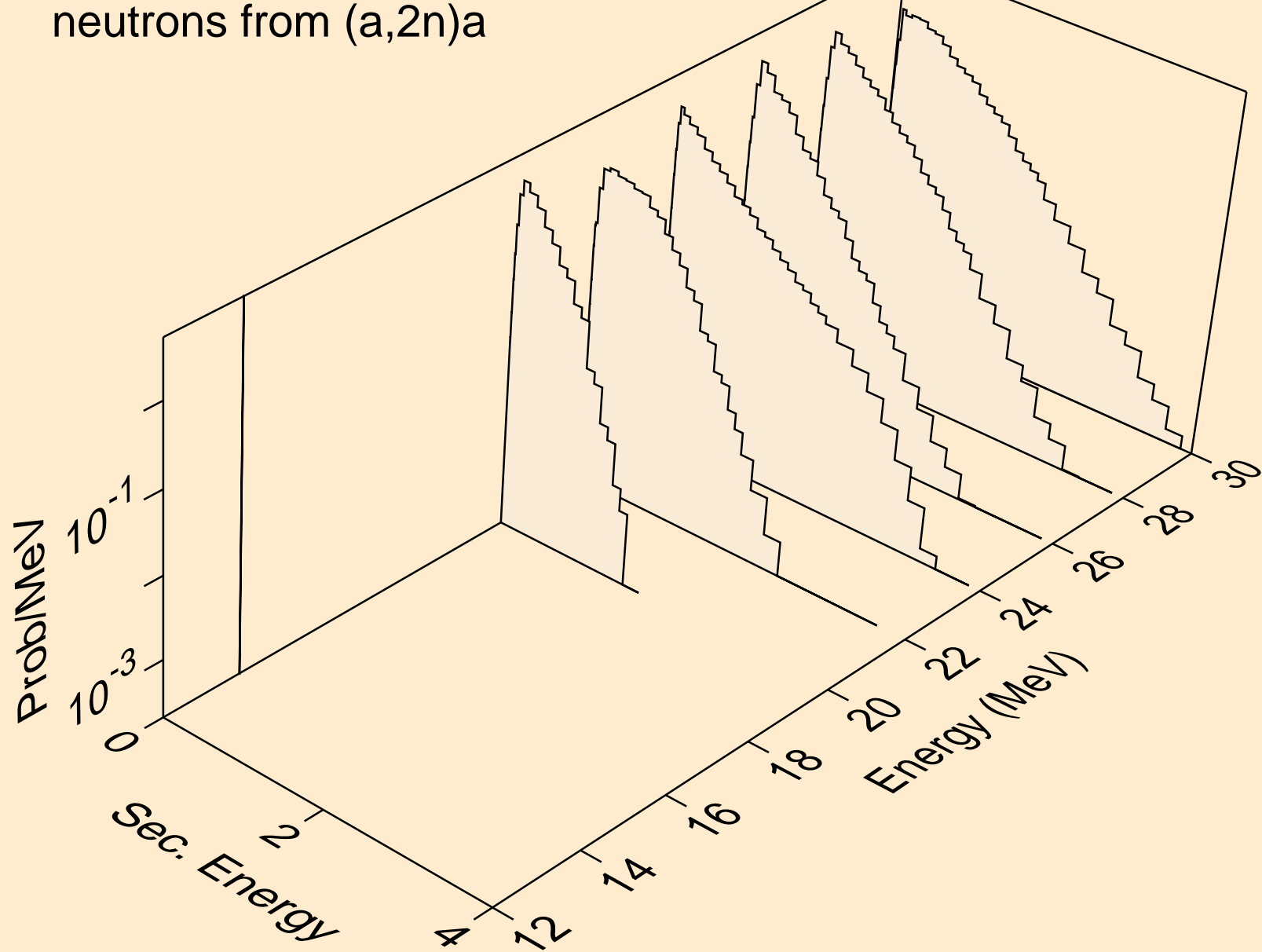
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



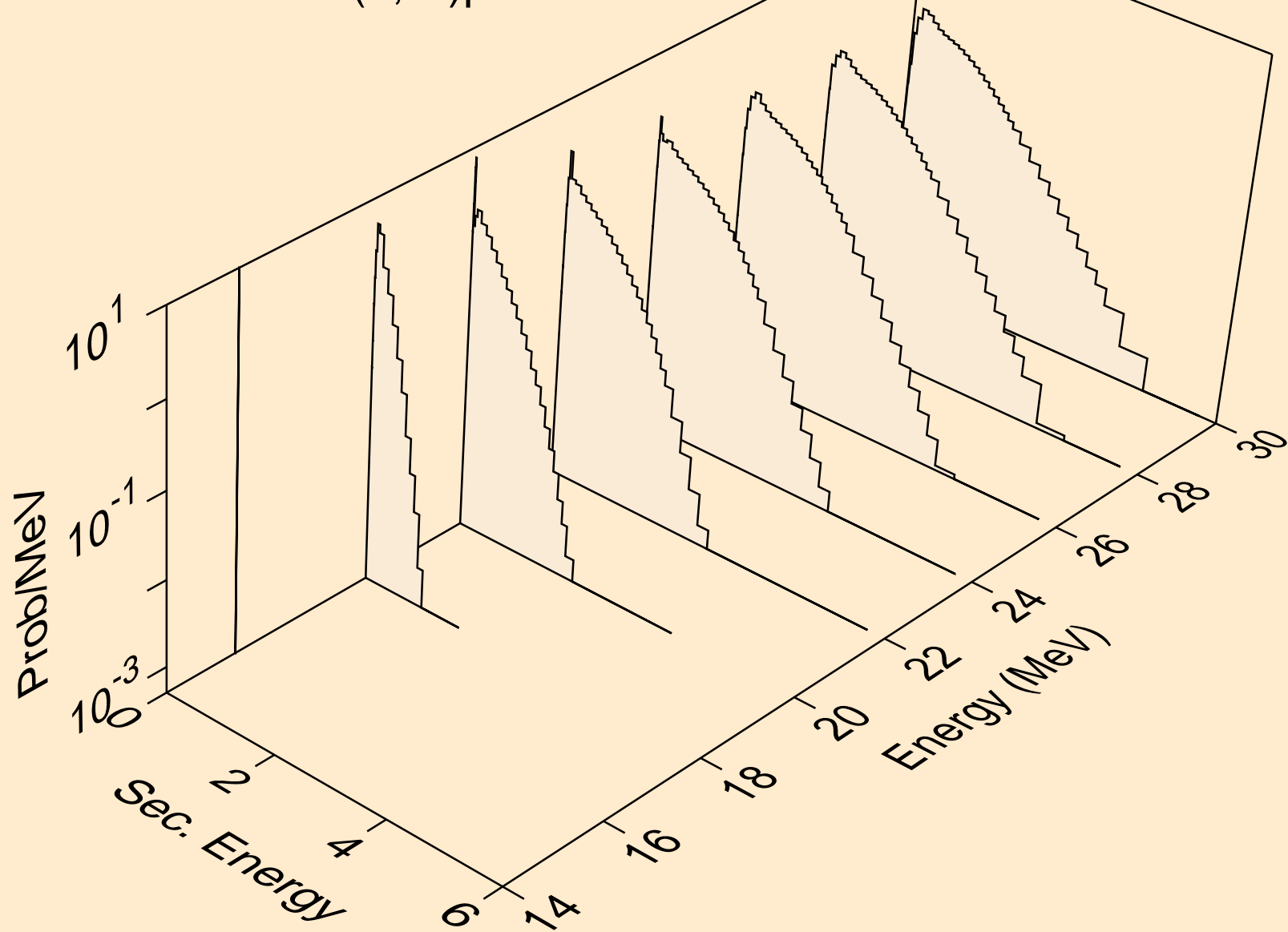
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



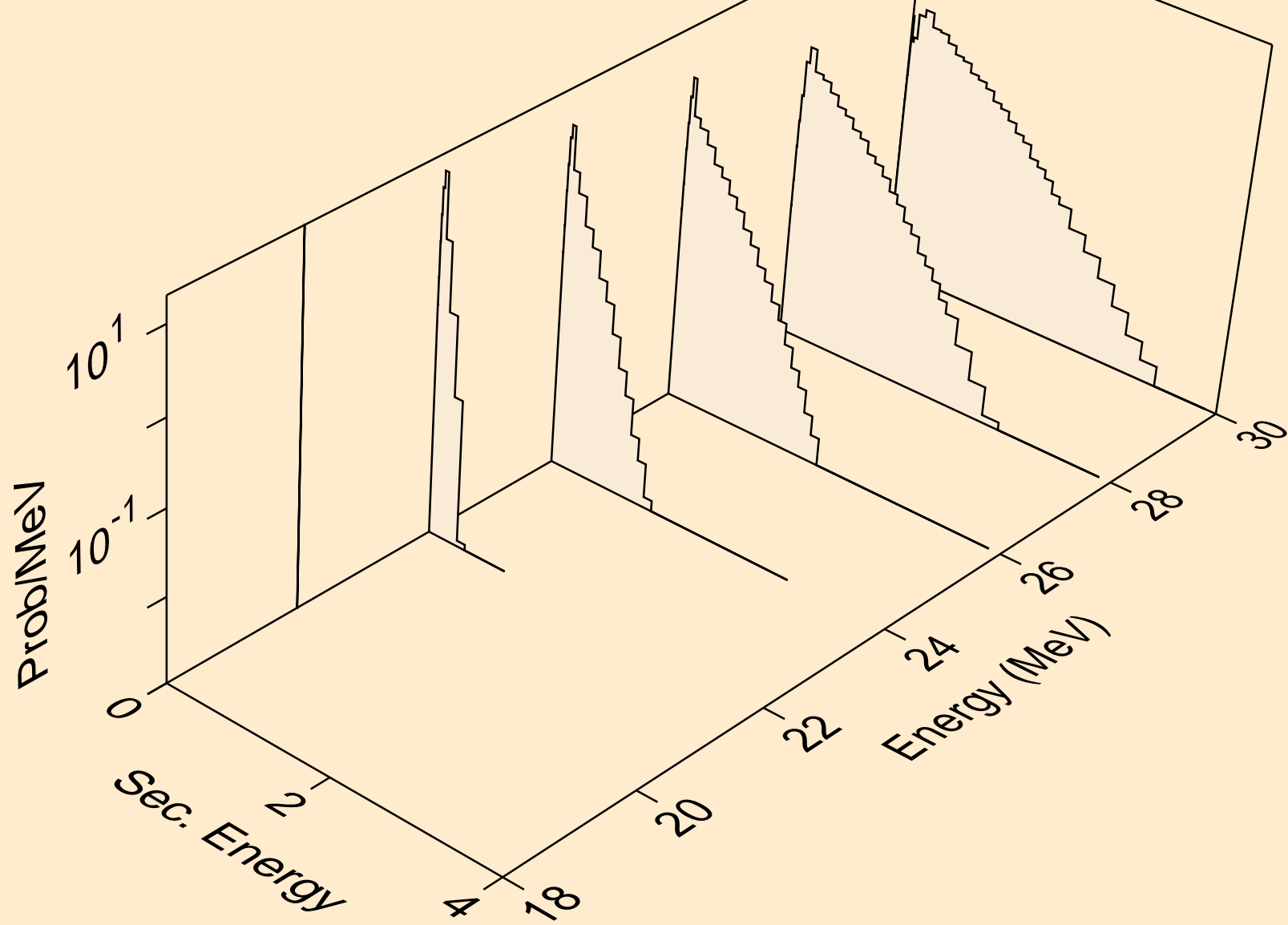
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



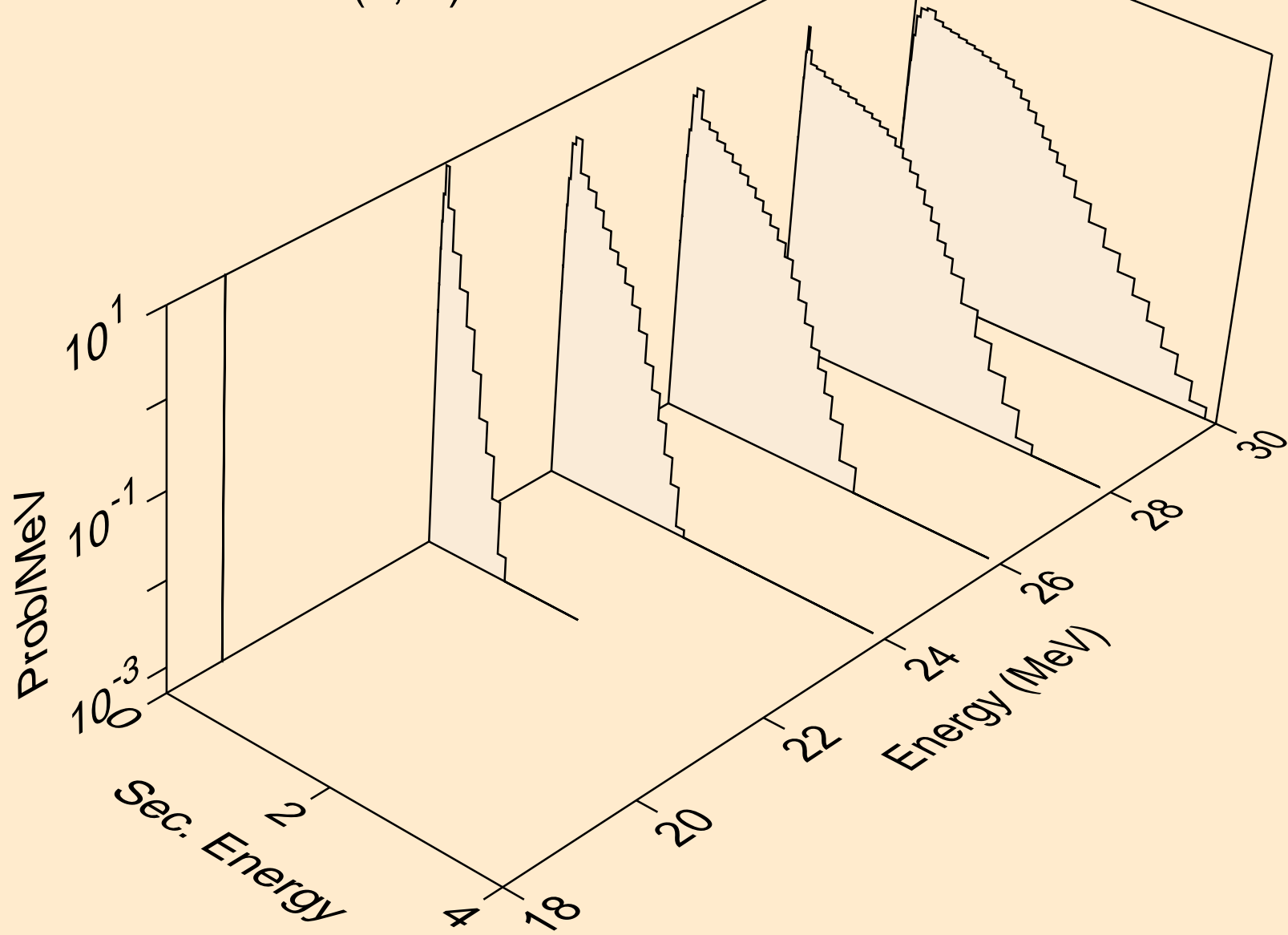
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



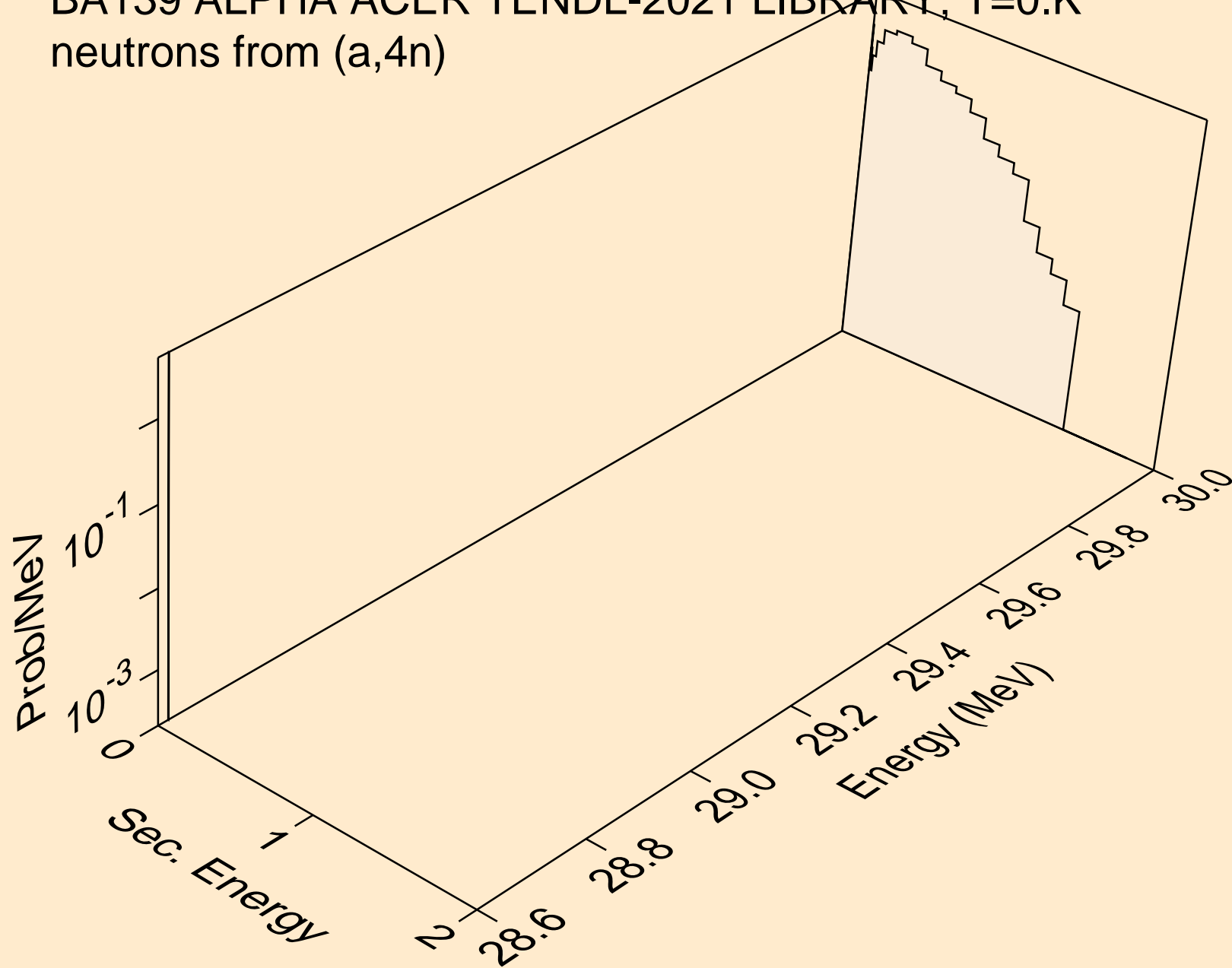
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

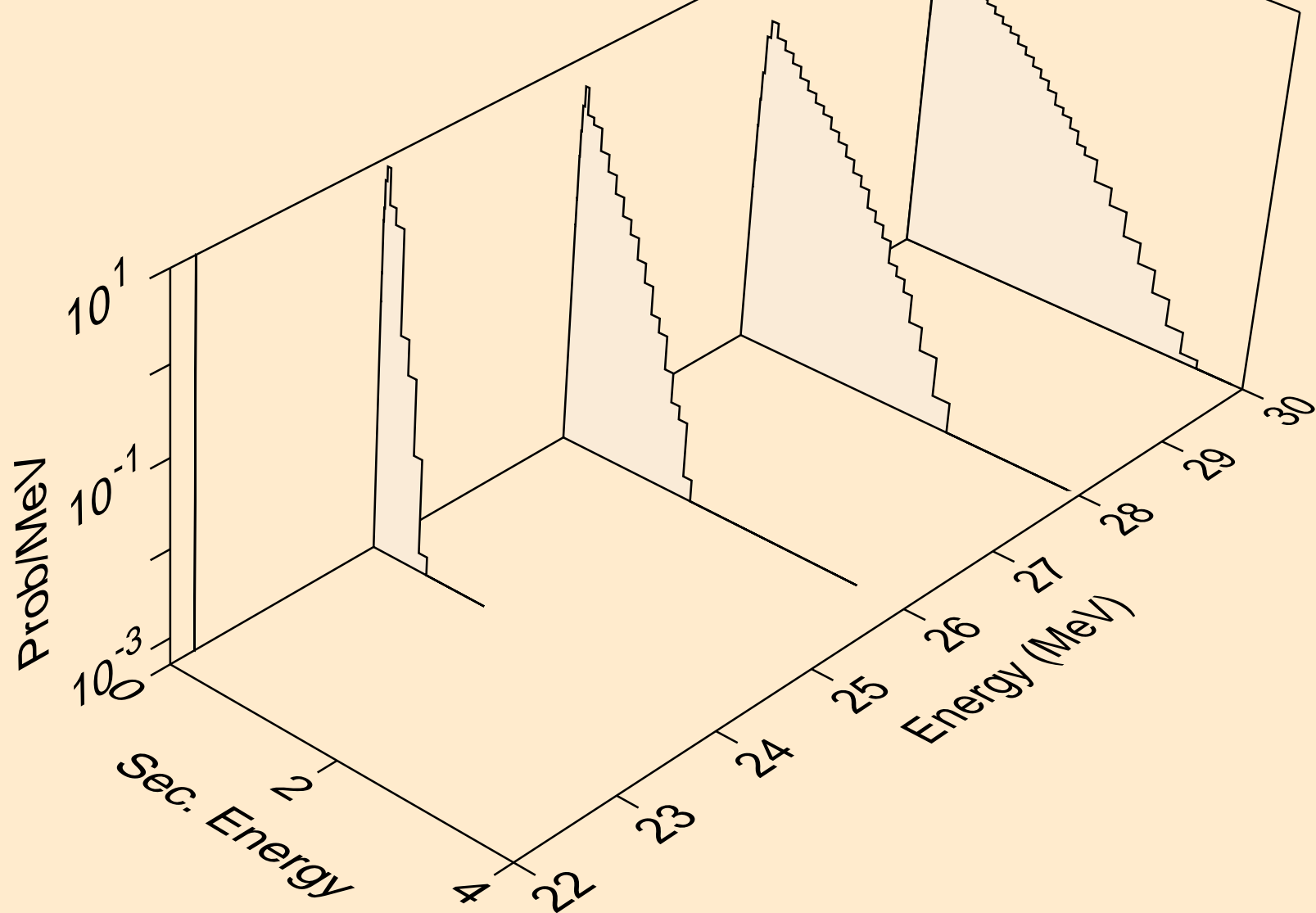


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)

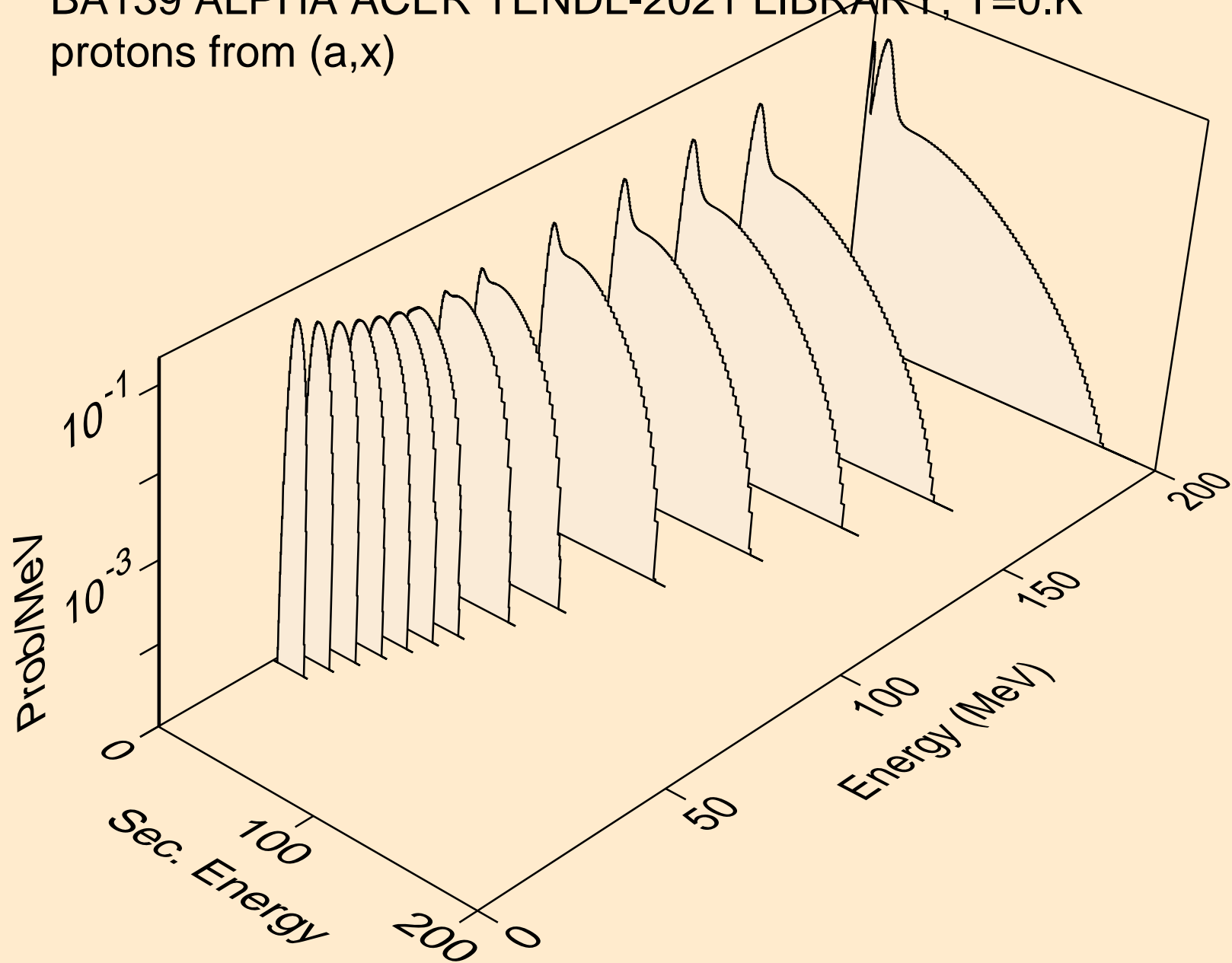




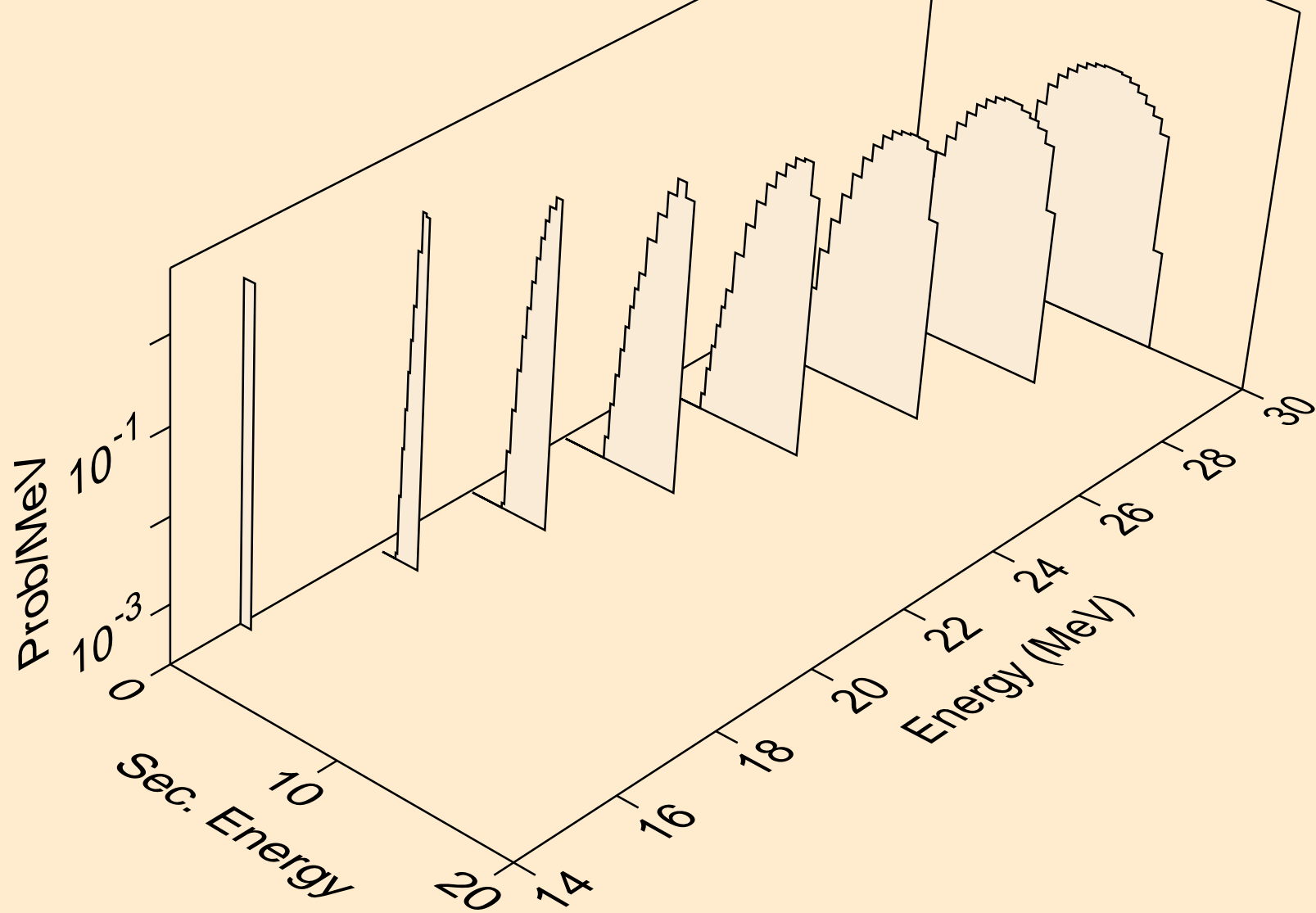
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



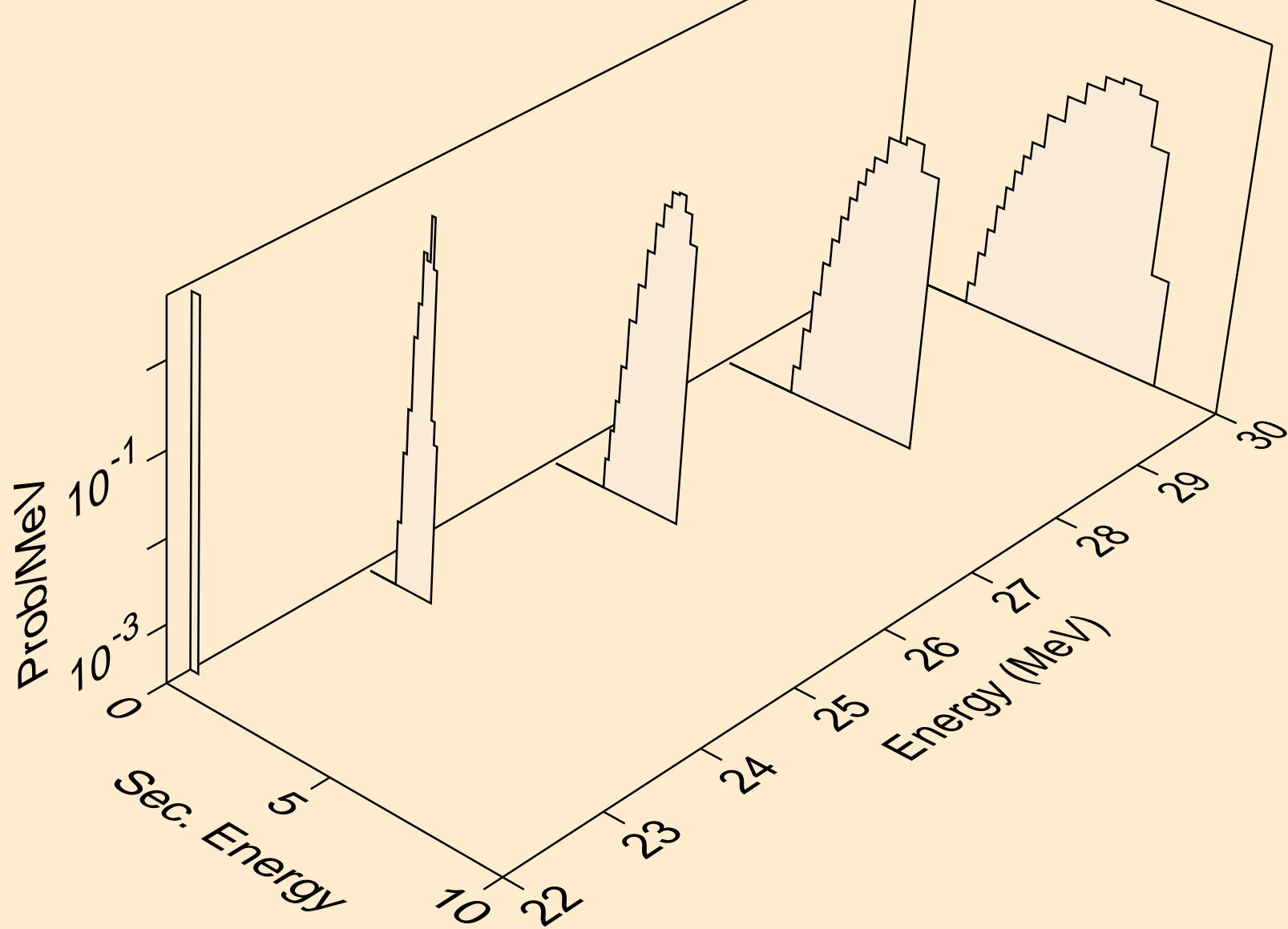
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



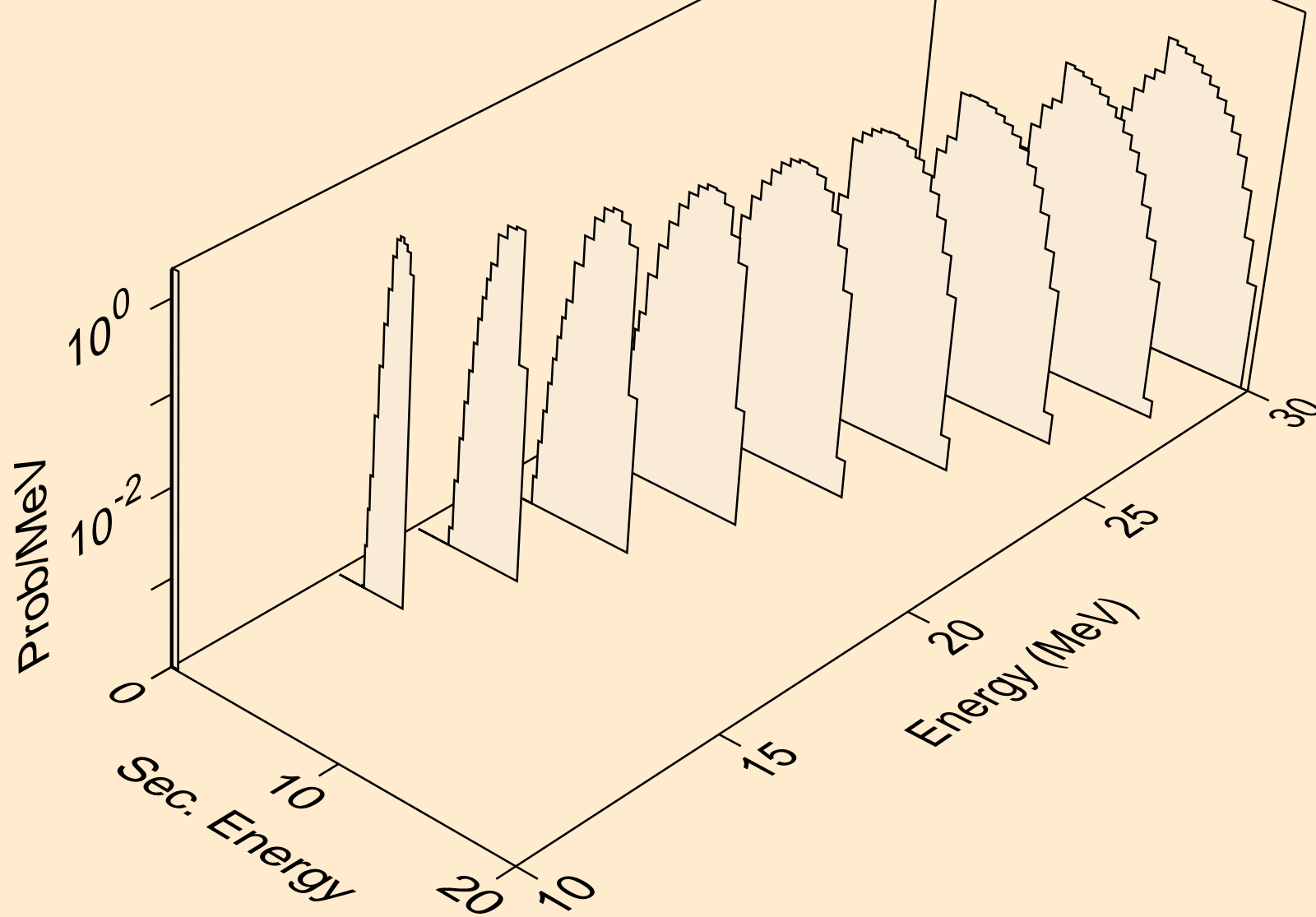
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



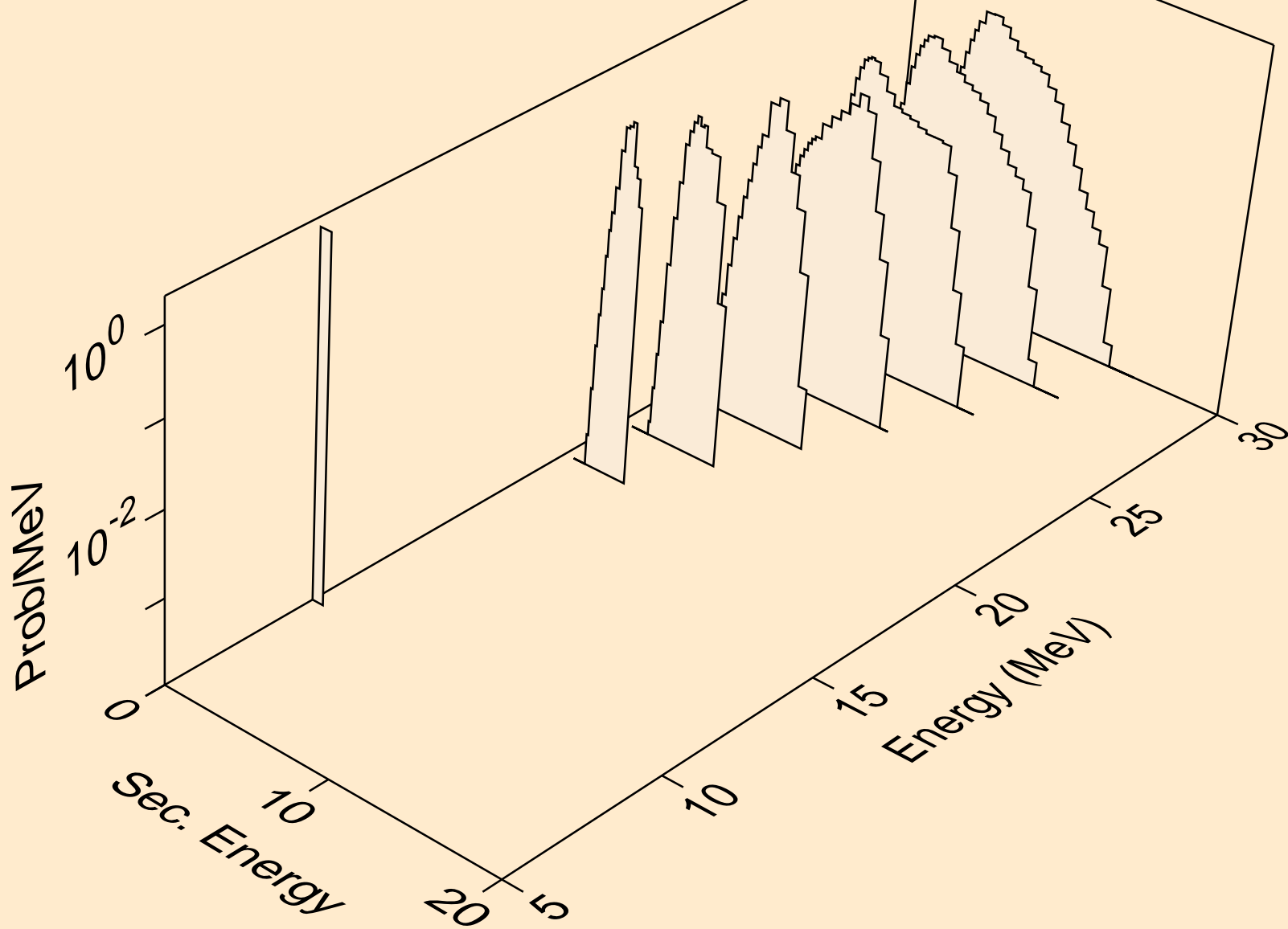
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



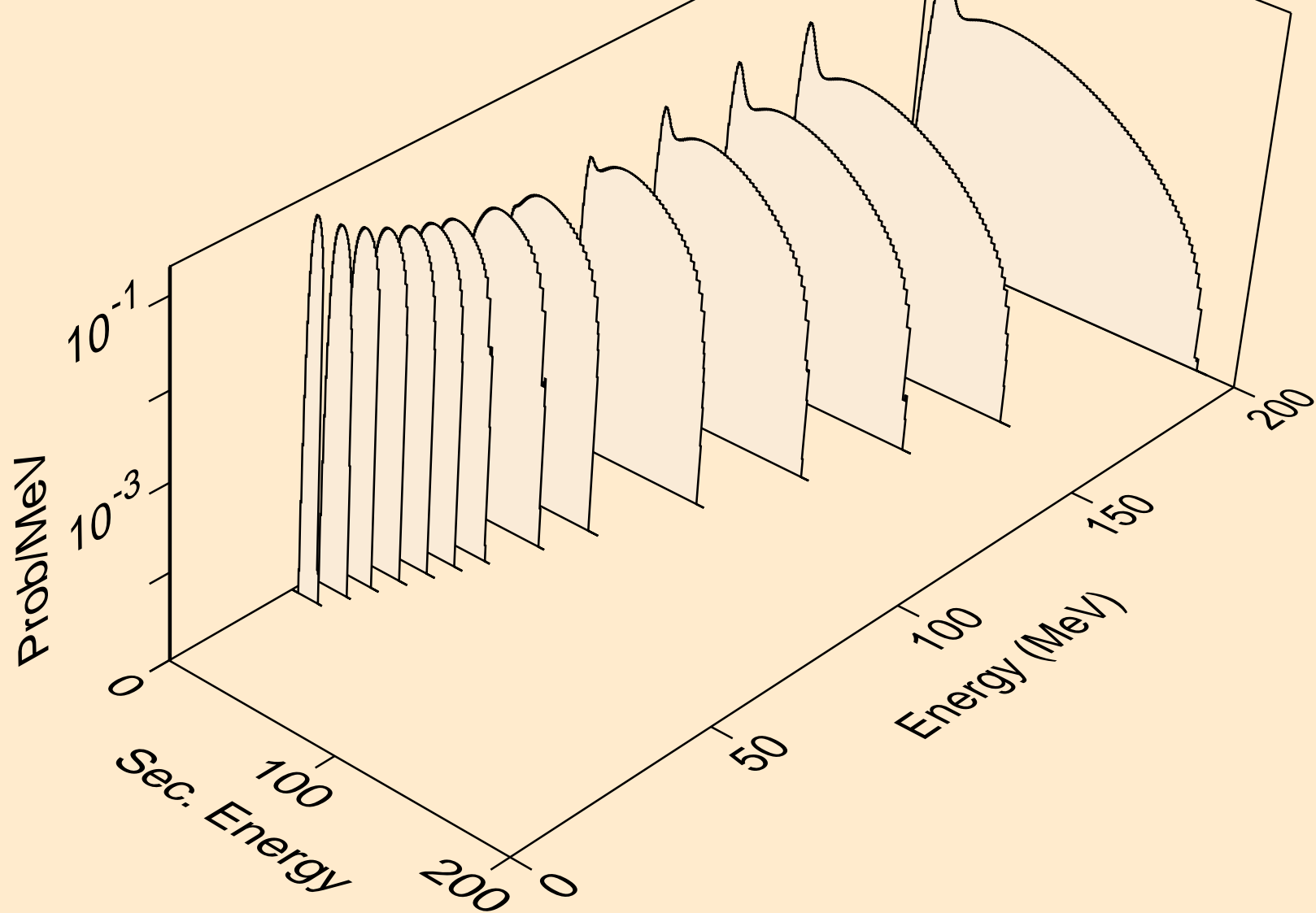
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



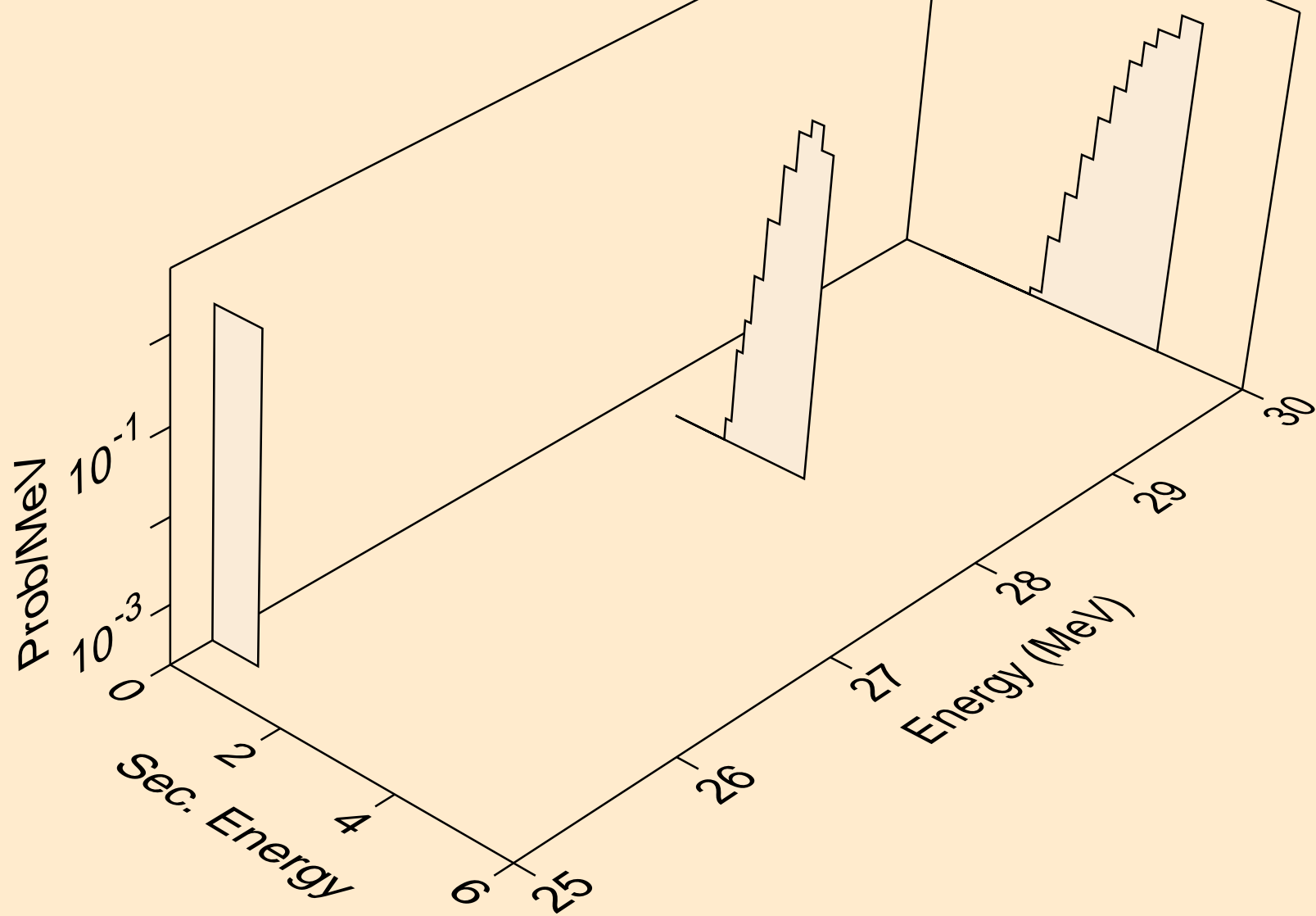
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

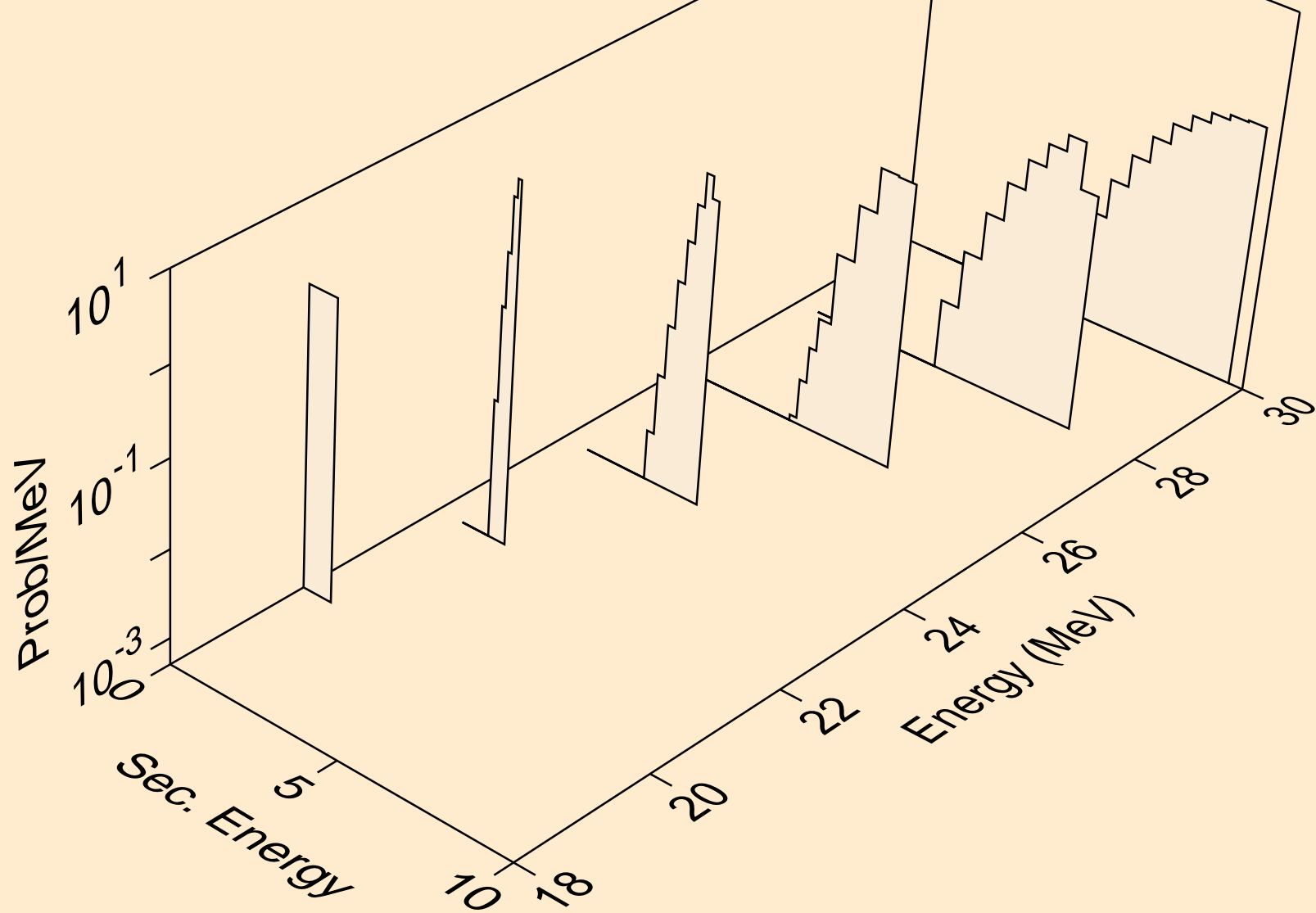


BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)

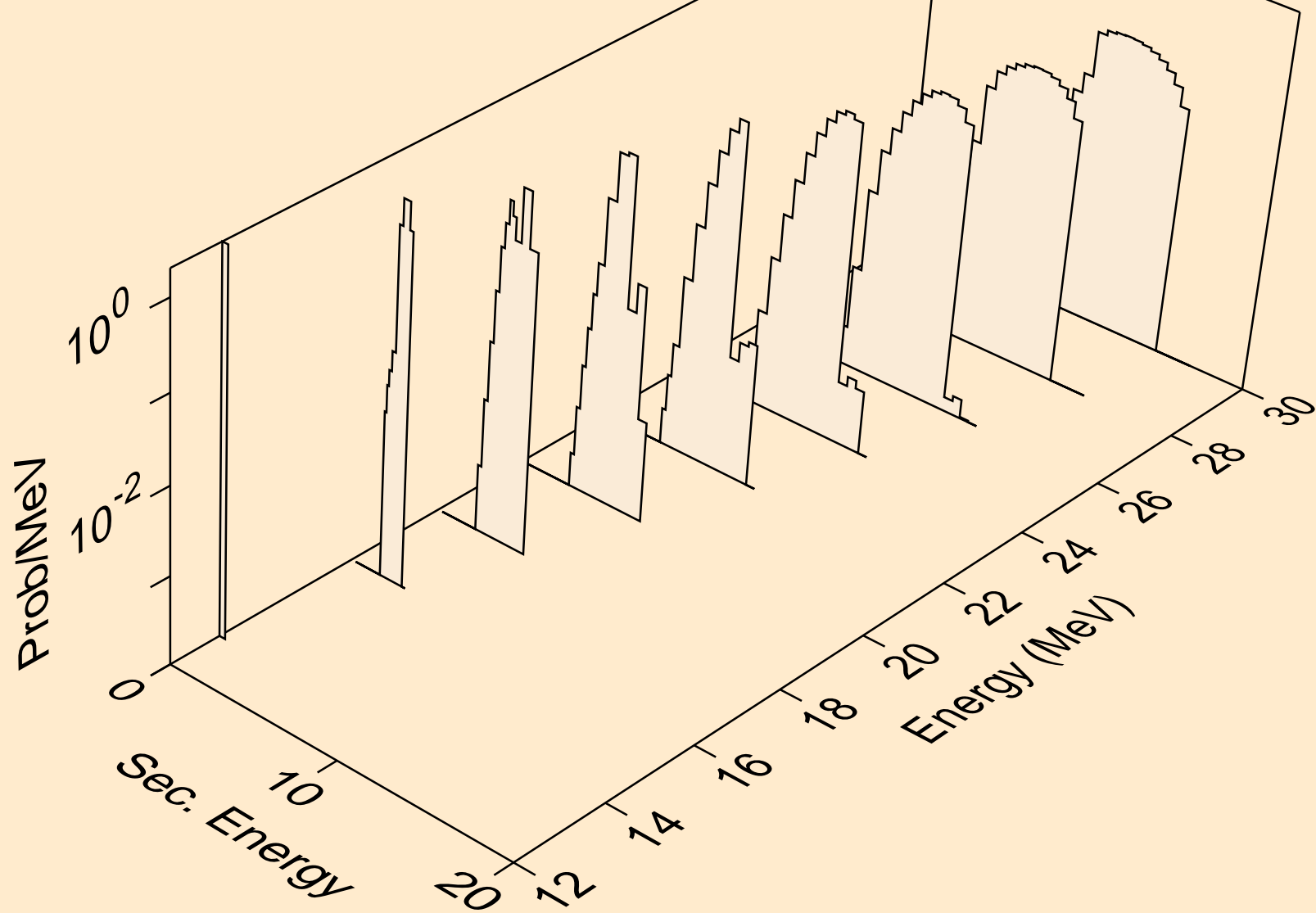




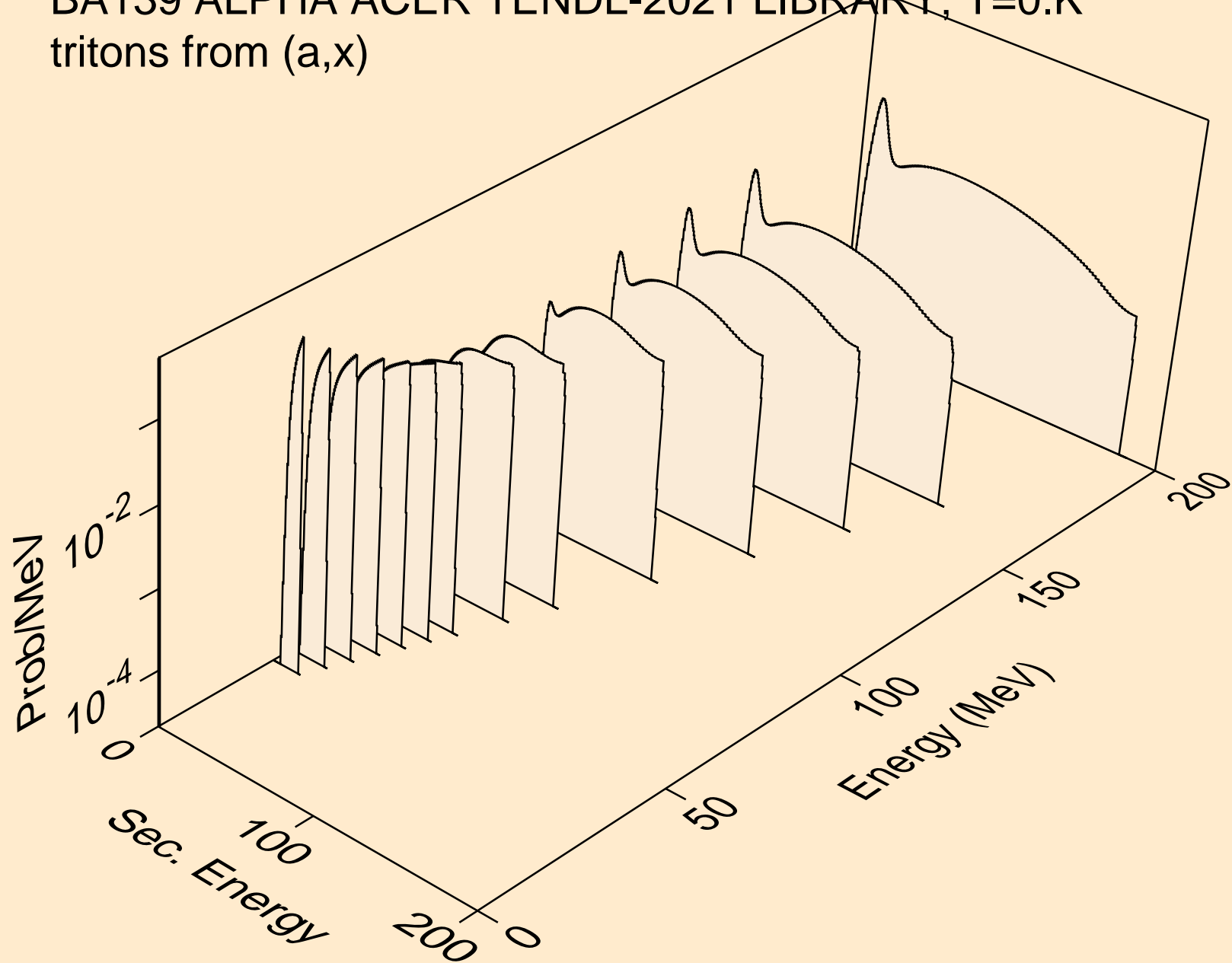
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



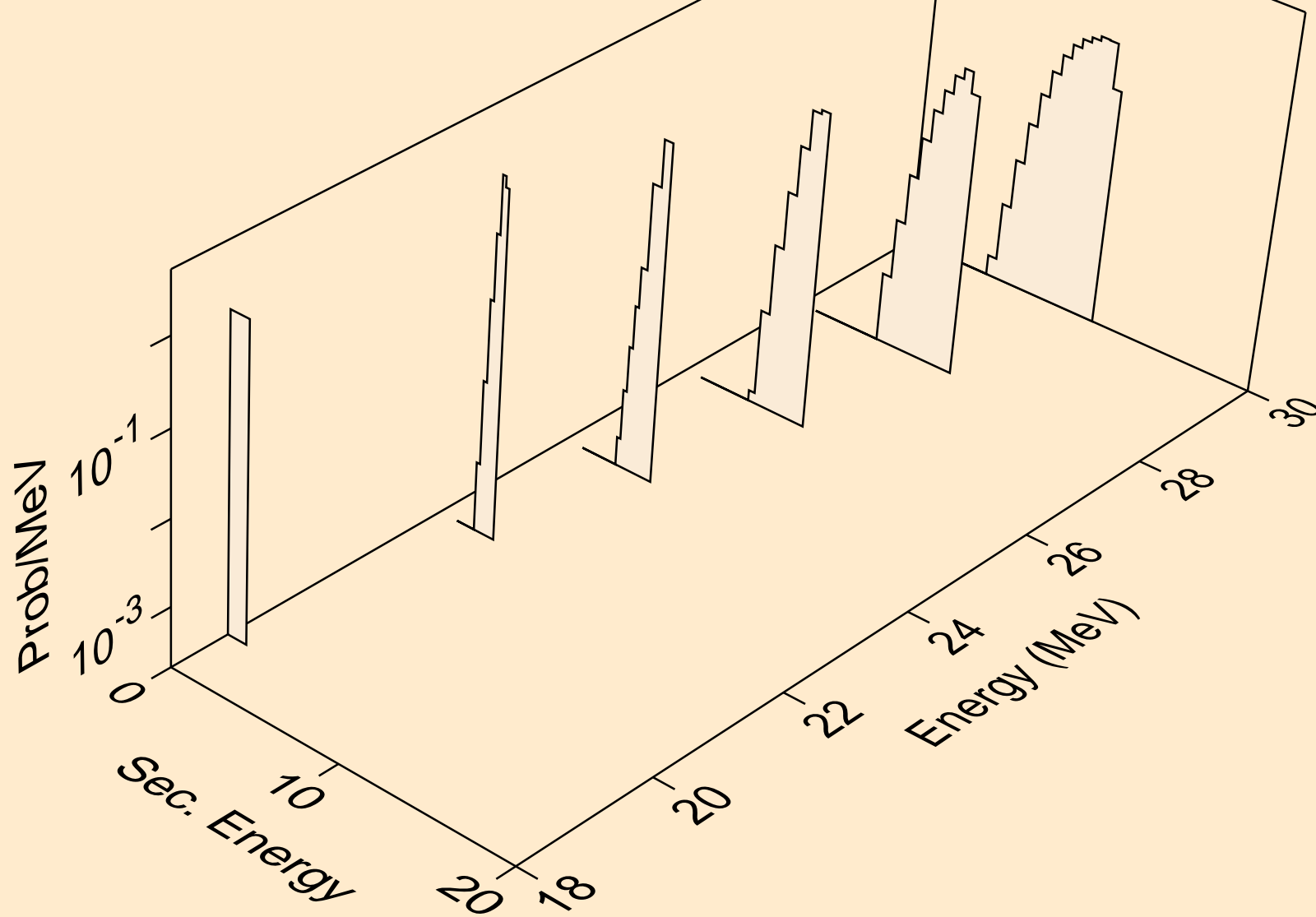
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



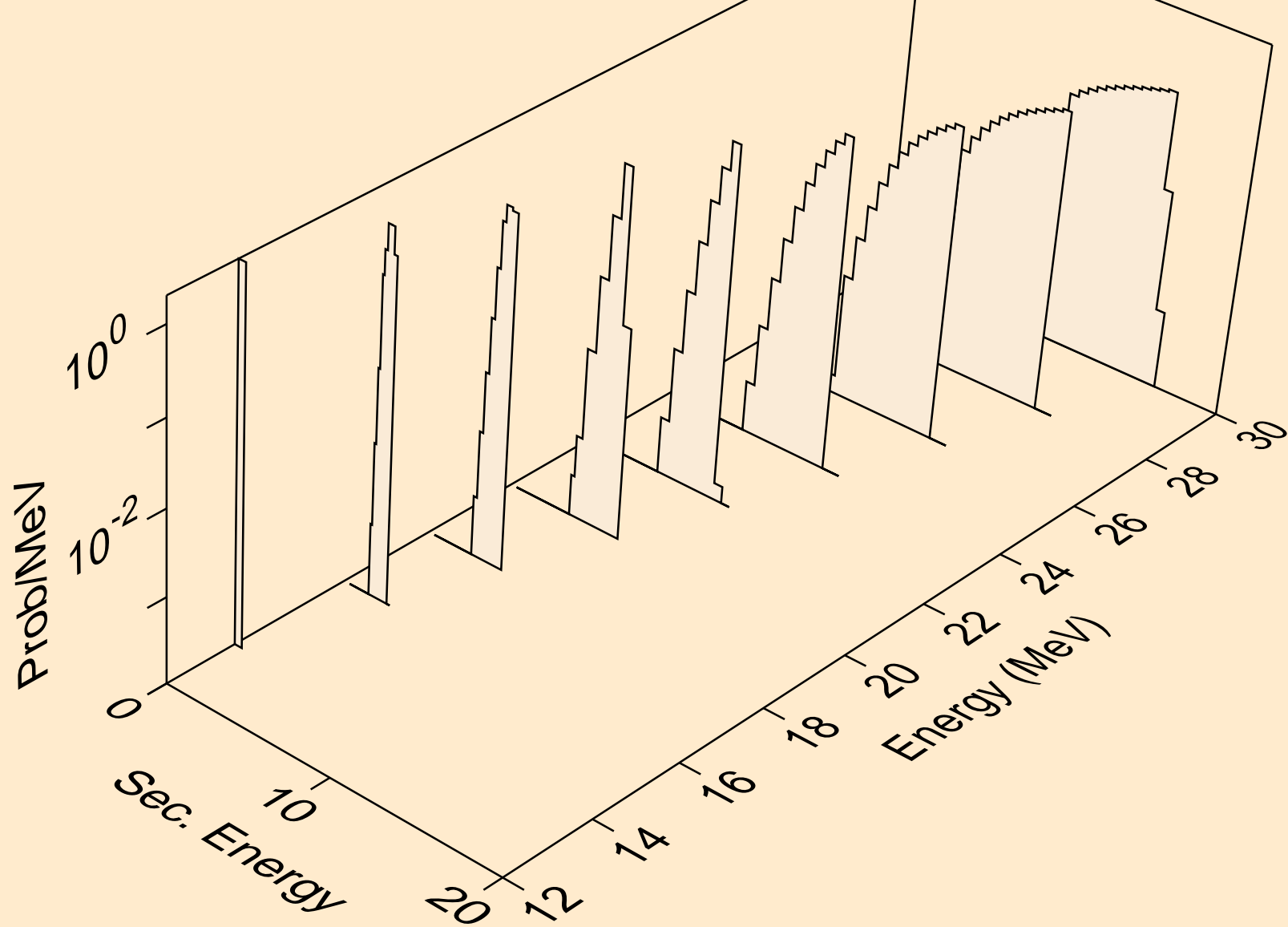
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



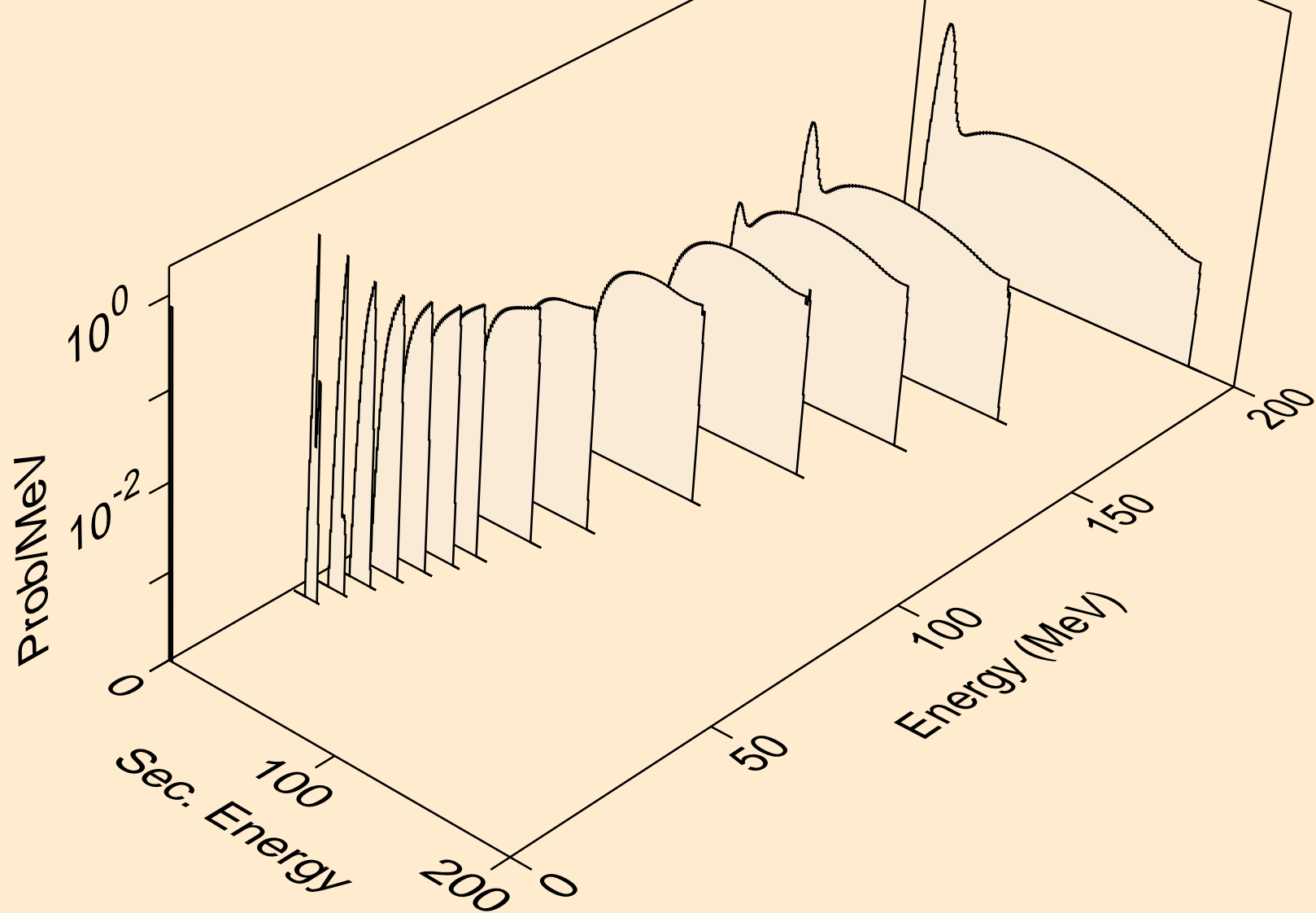
BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



BA139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

