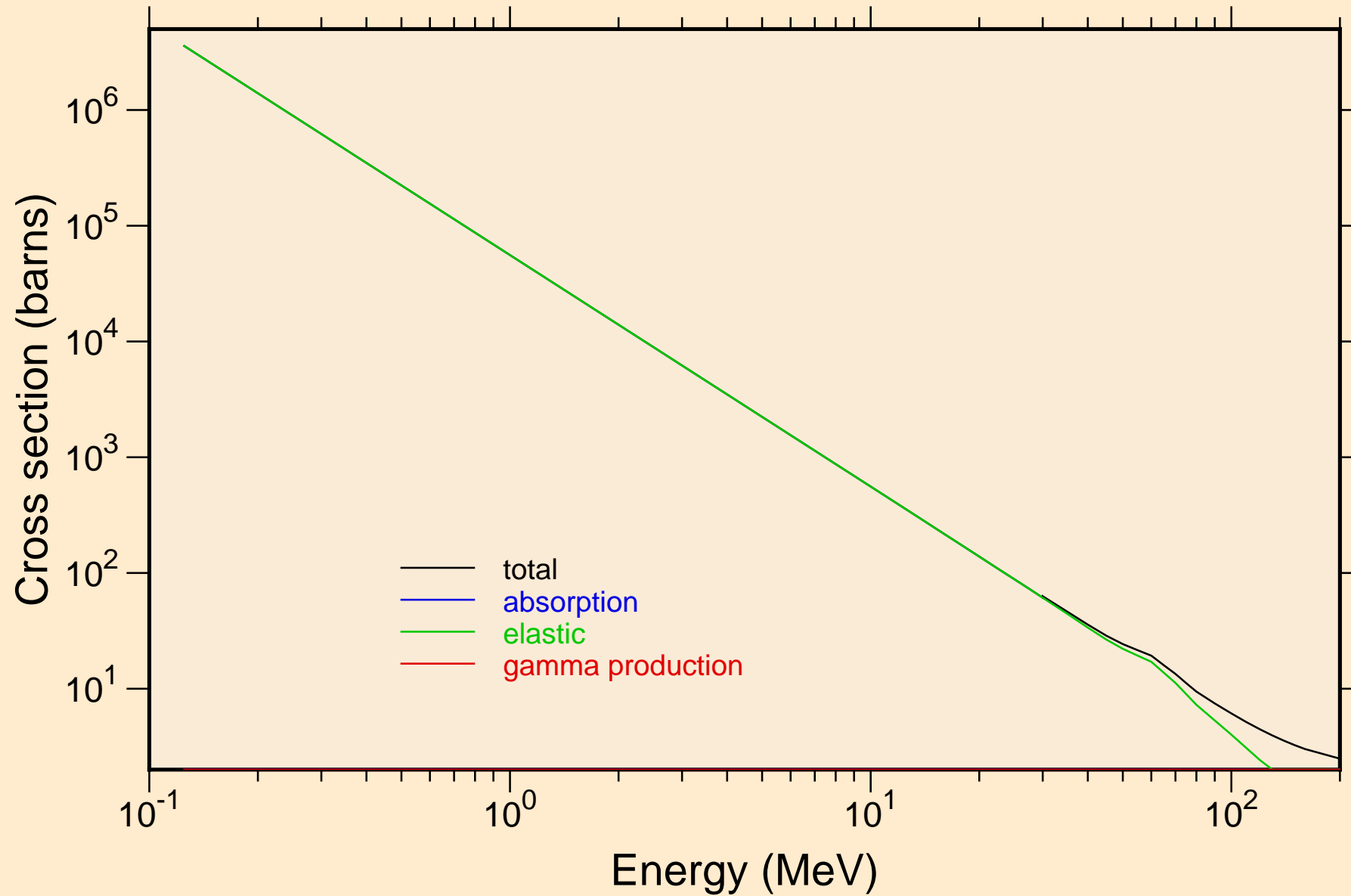


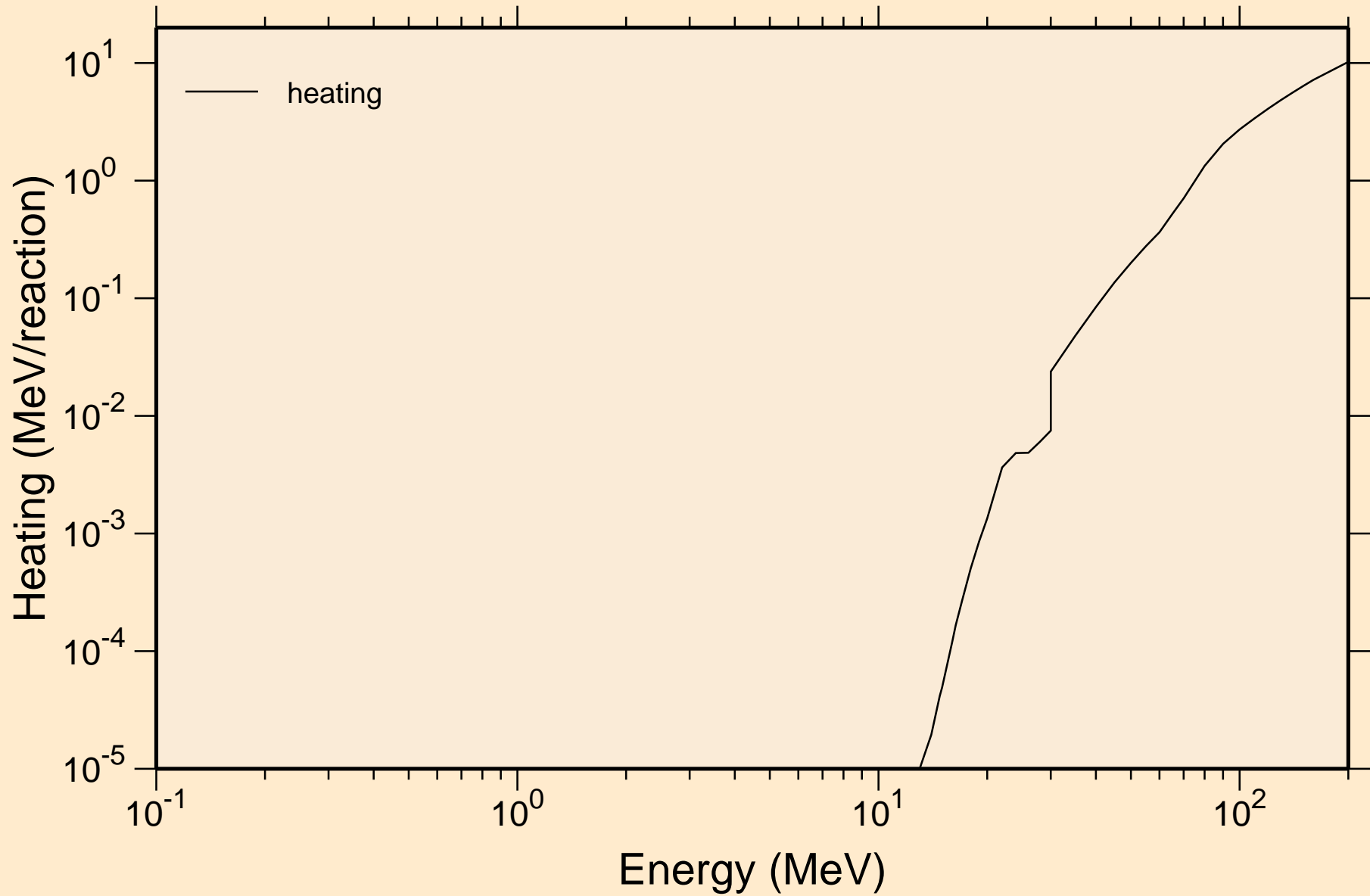
# AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



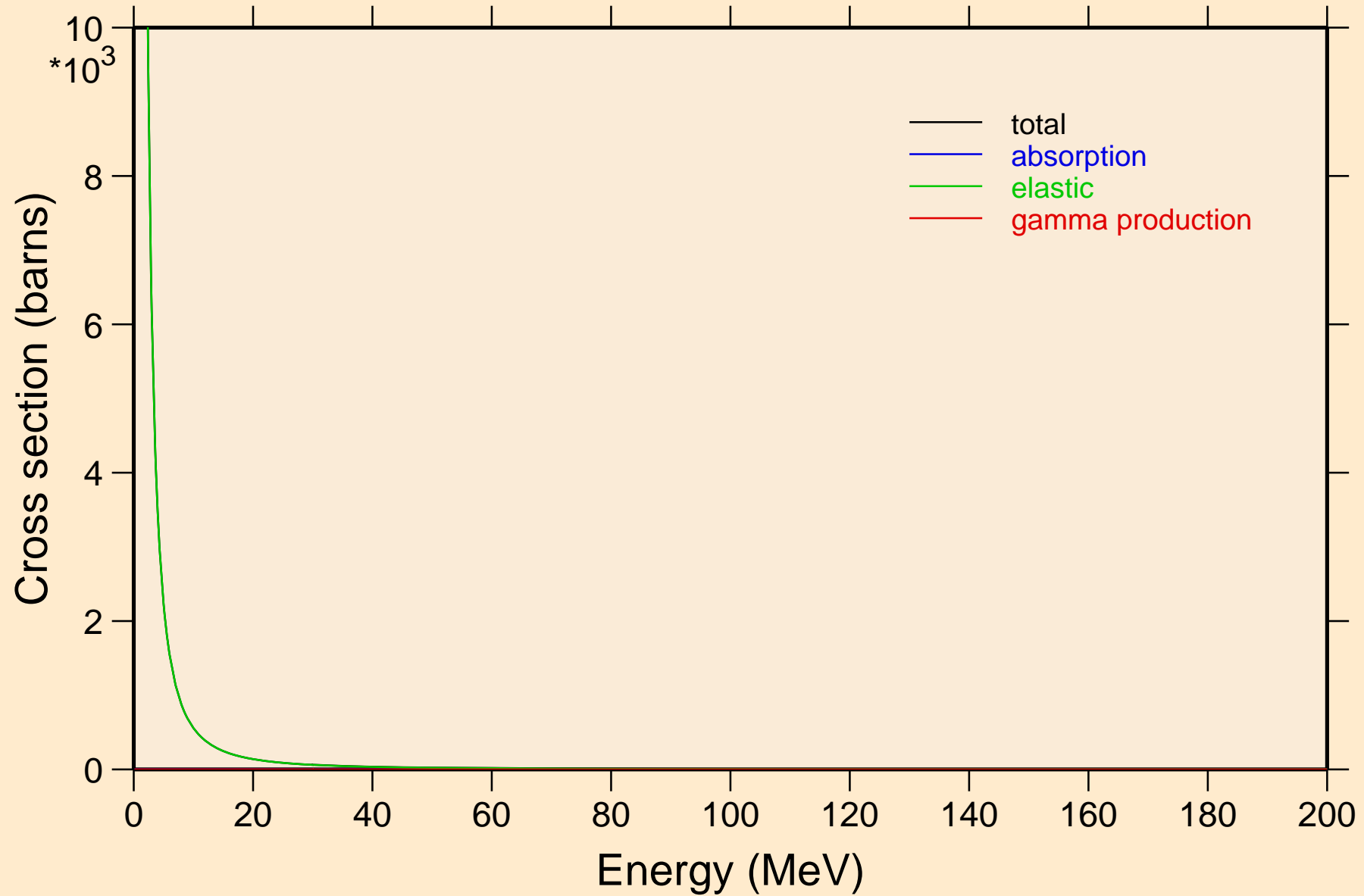
# AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



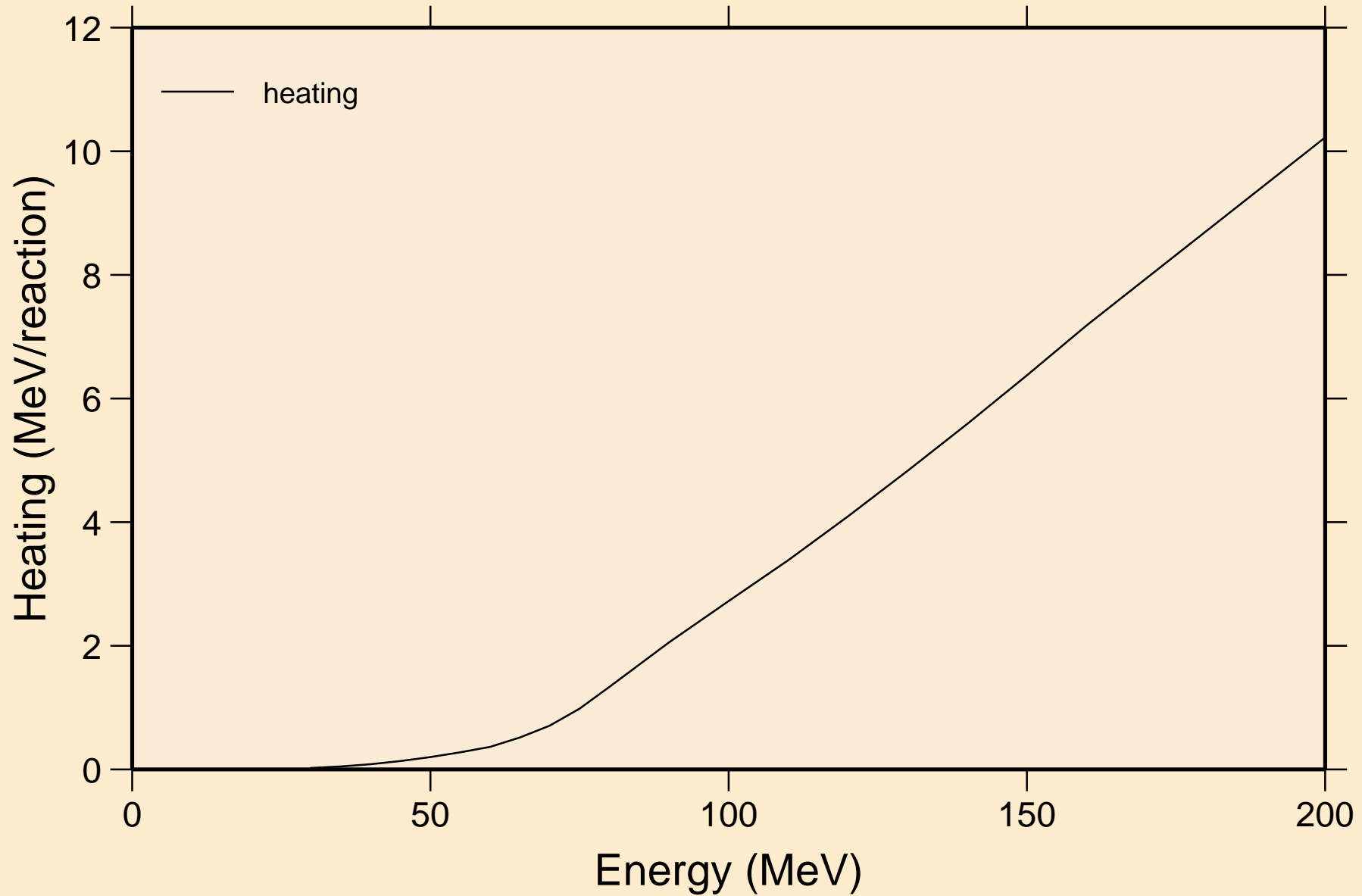
# AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

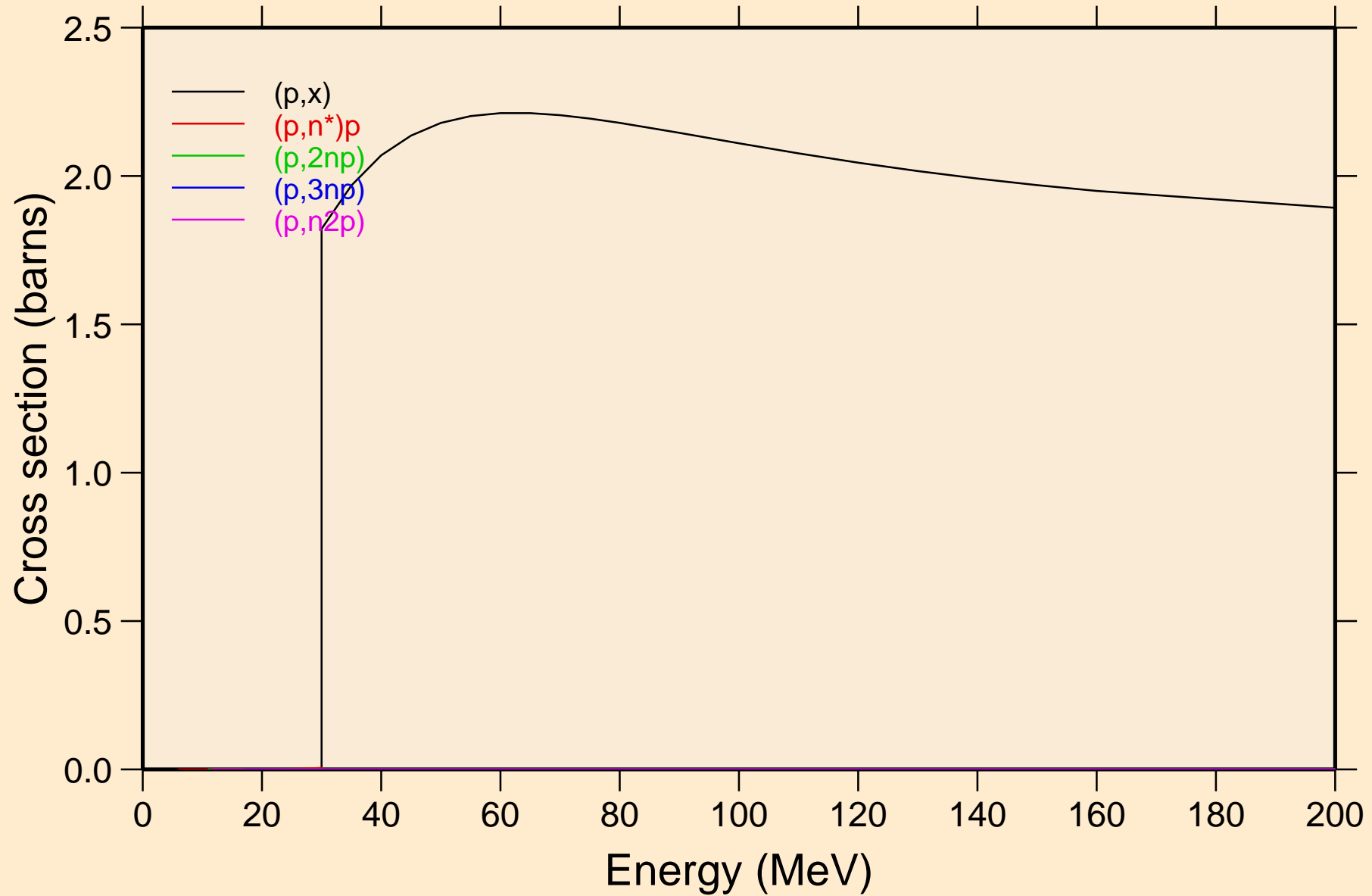


# AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

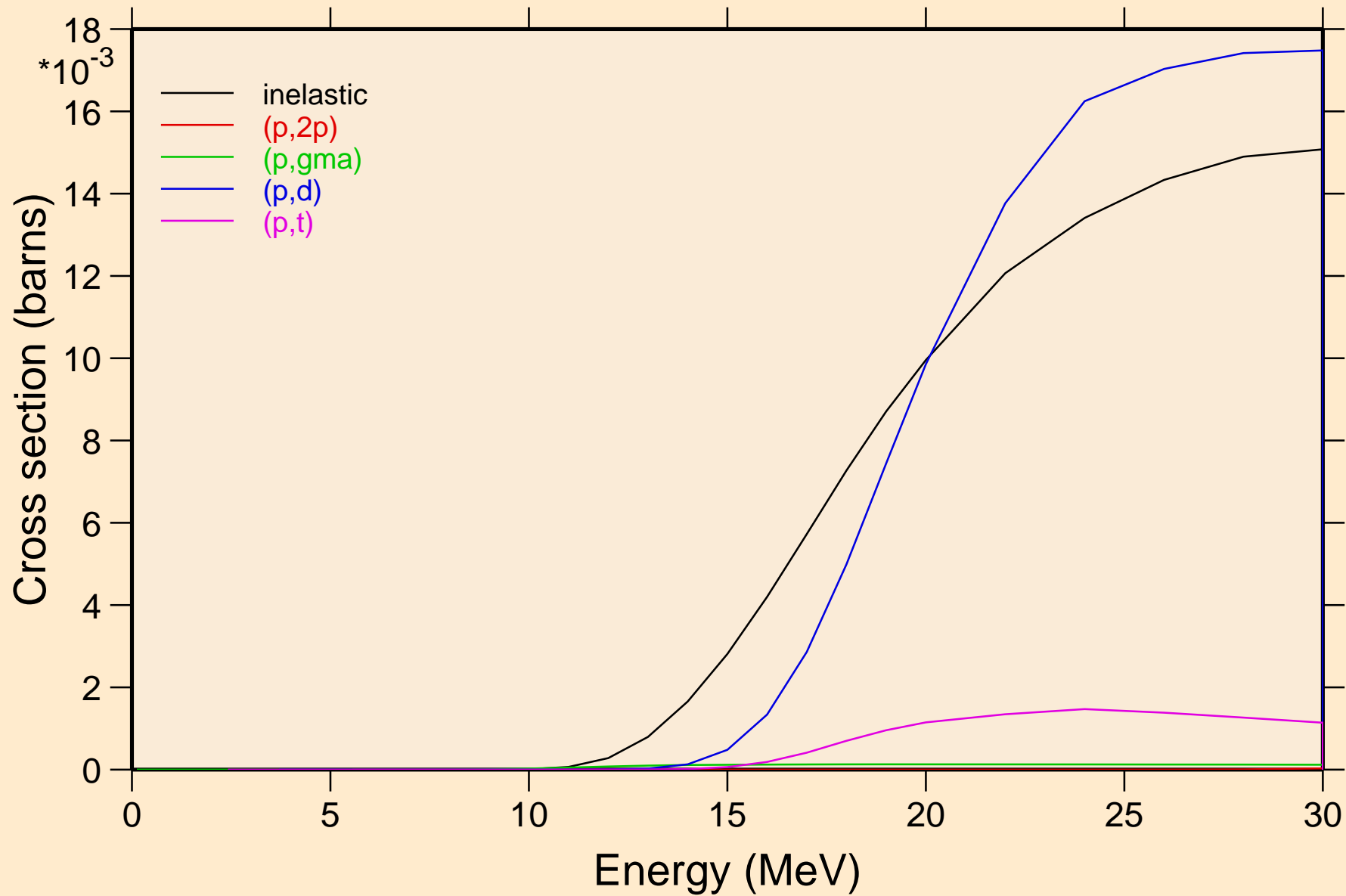


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

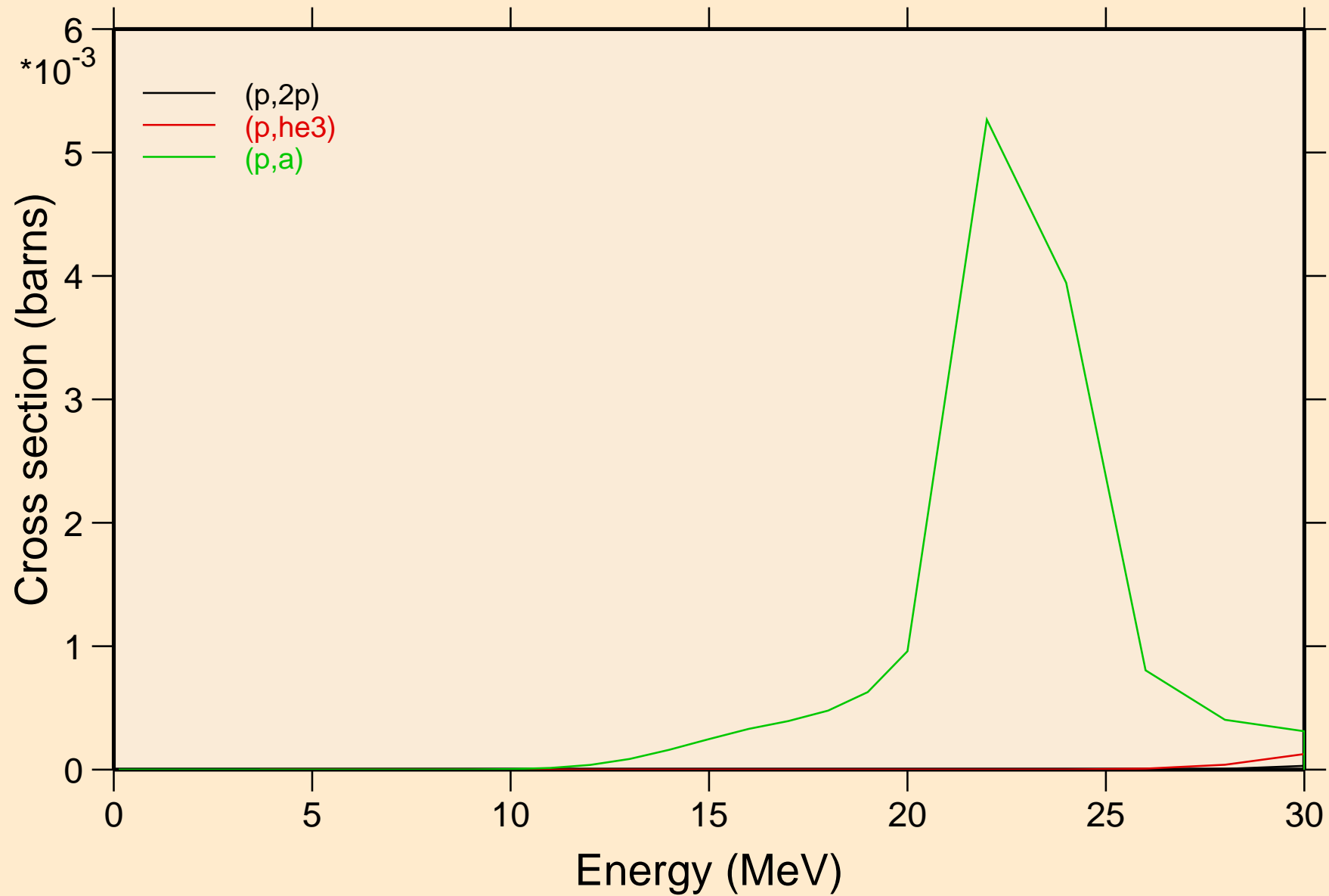


# AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K

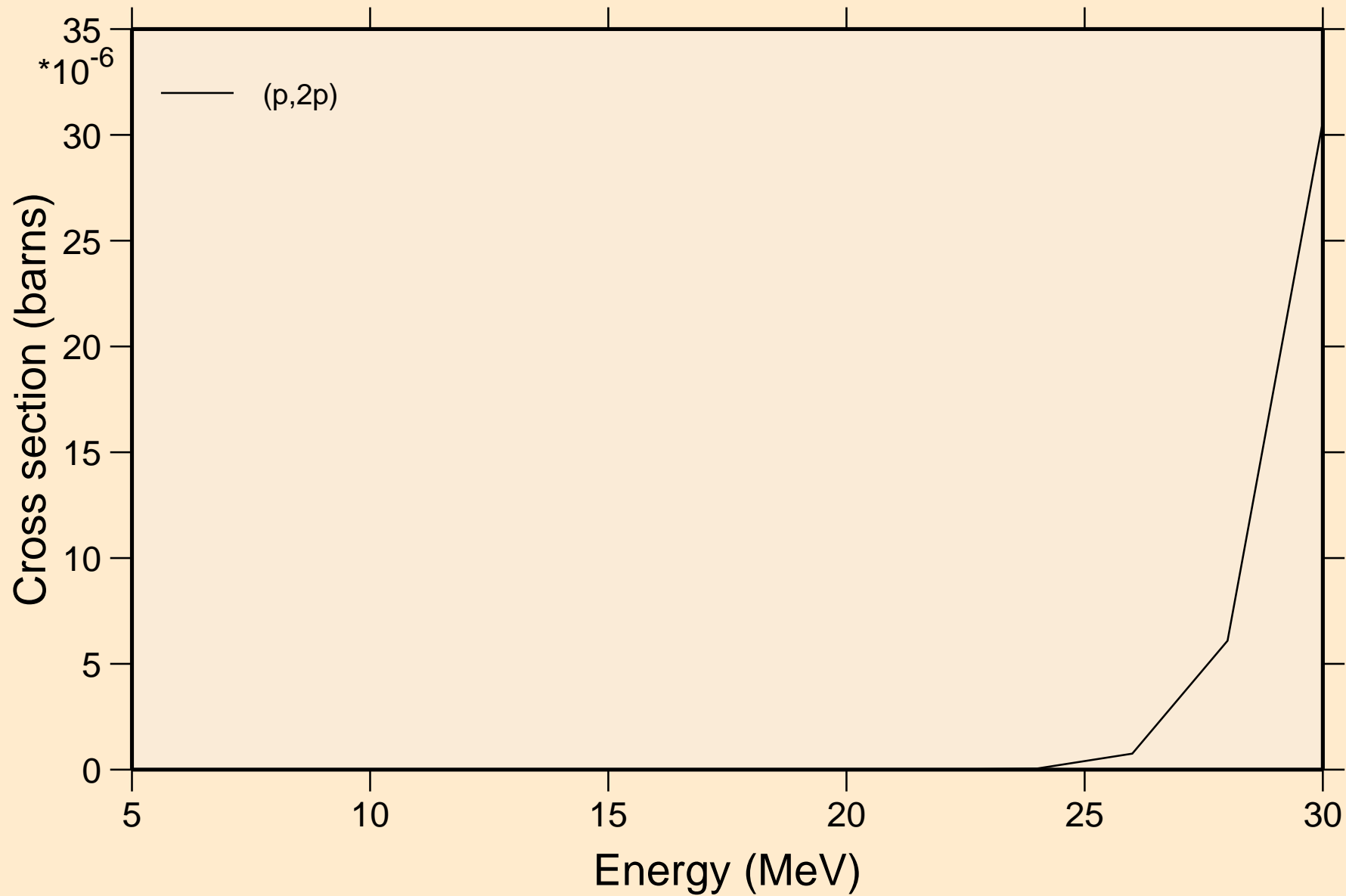
## Threshold reactions



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

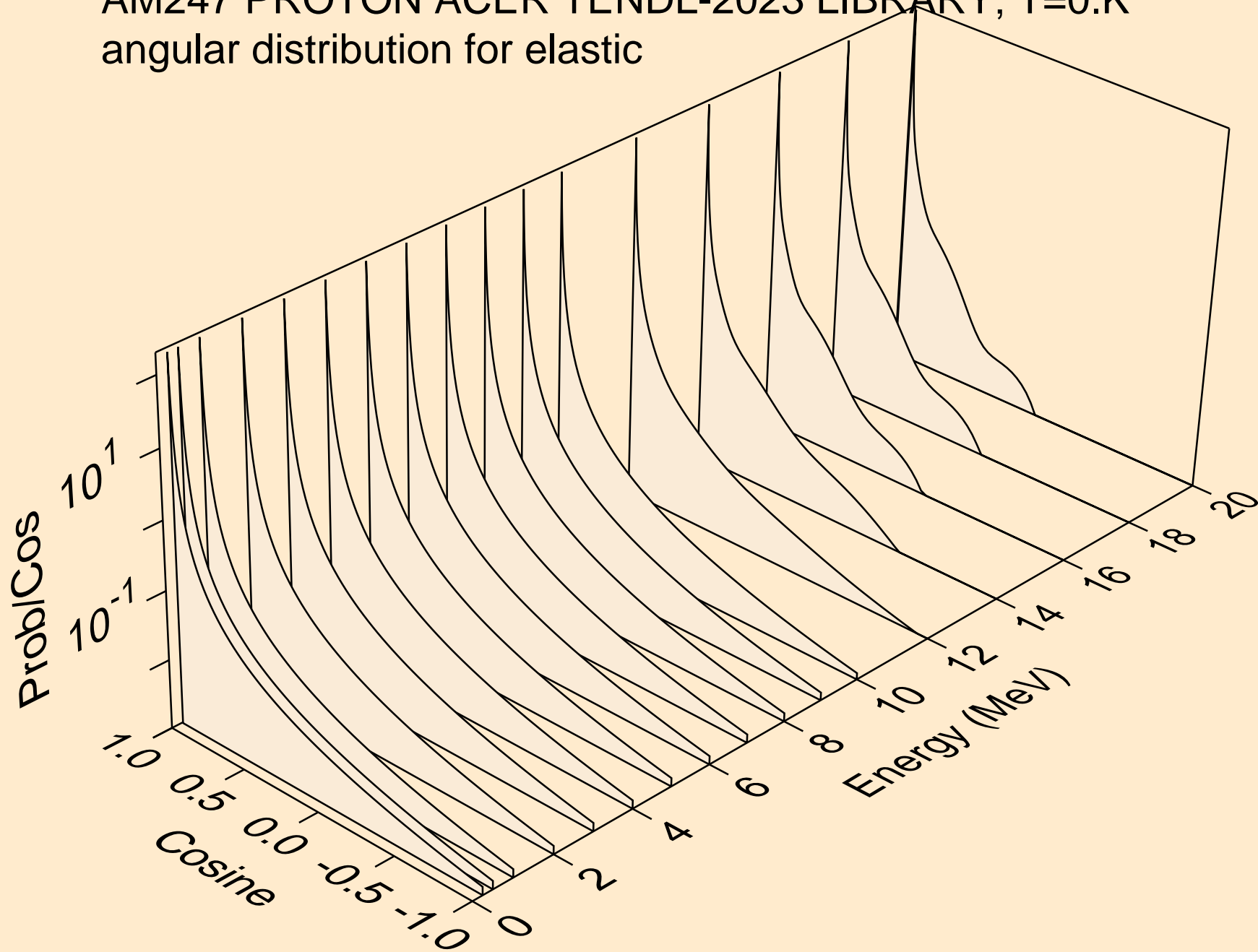


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

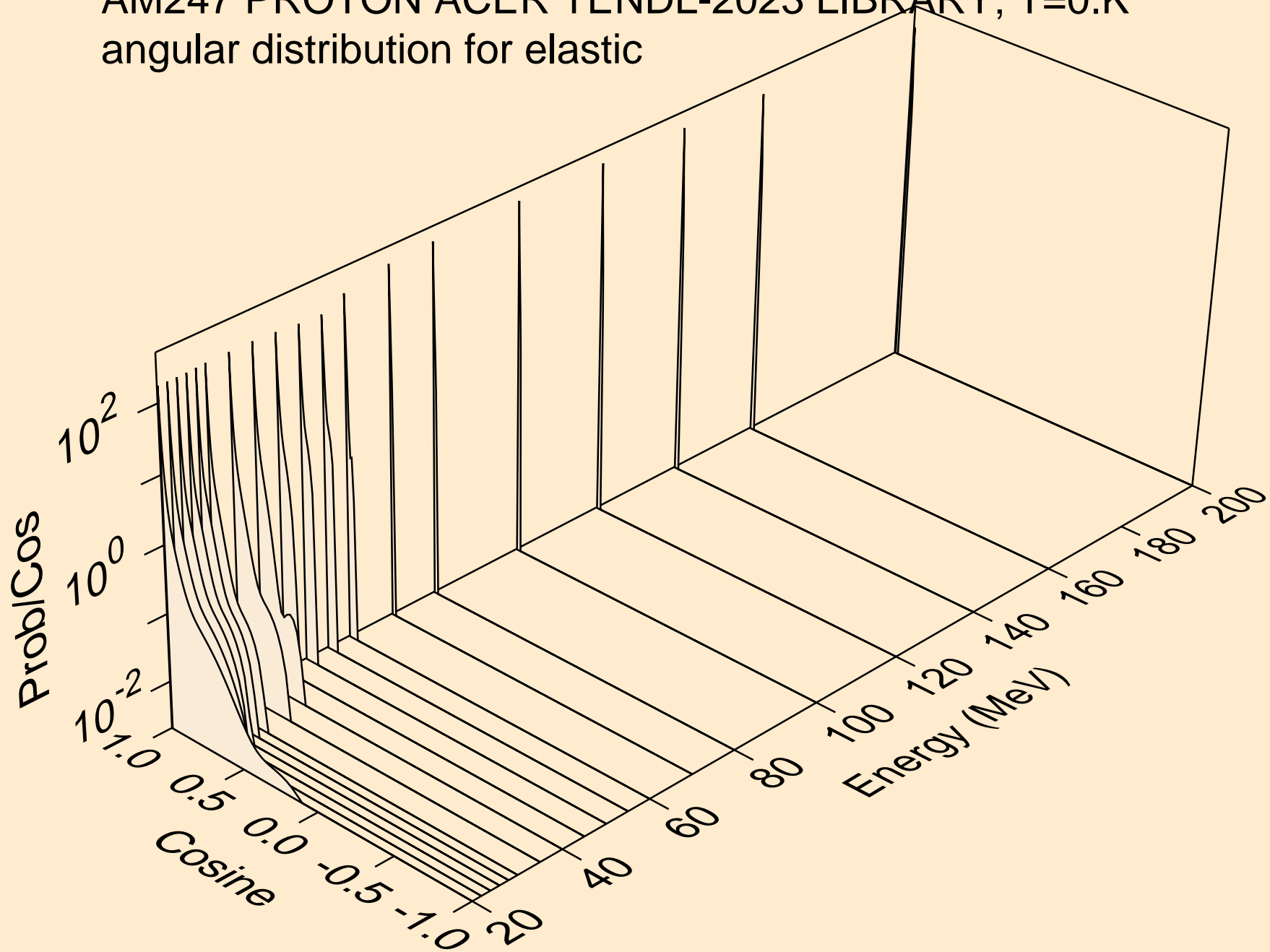




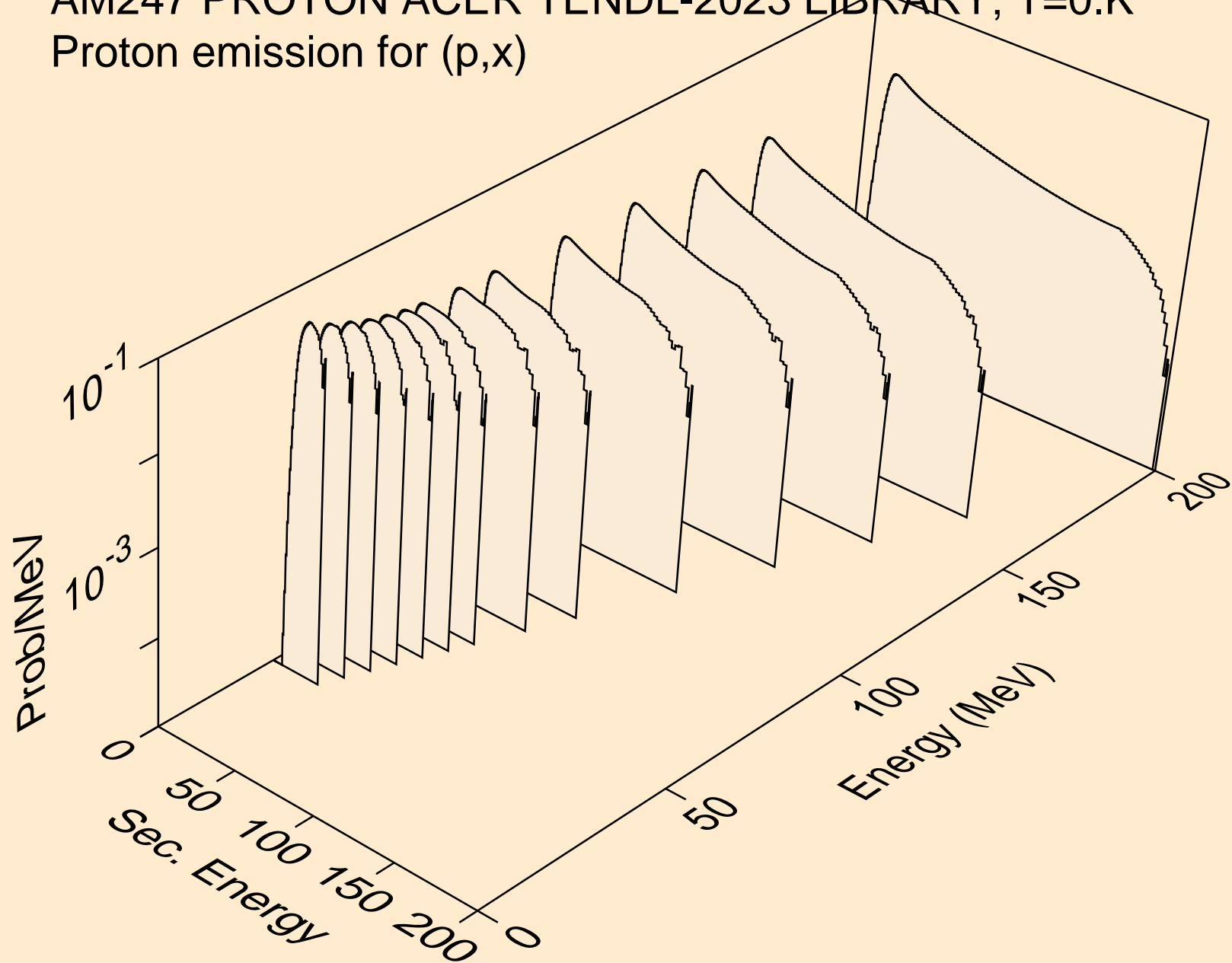
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



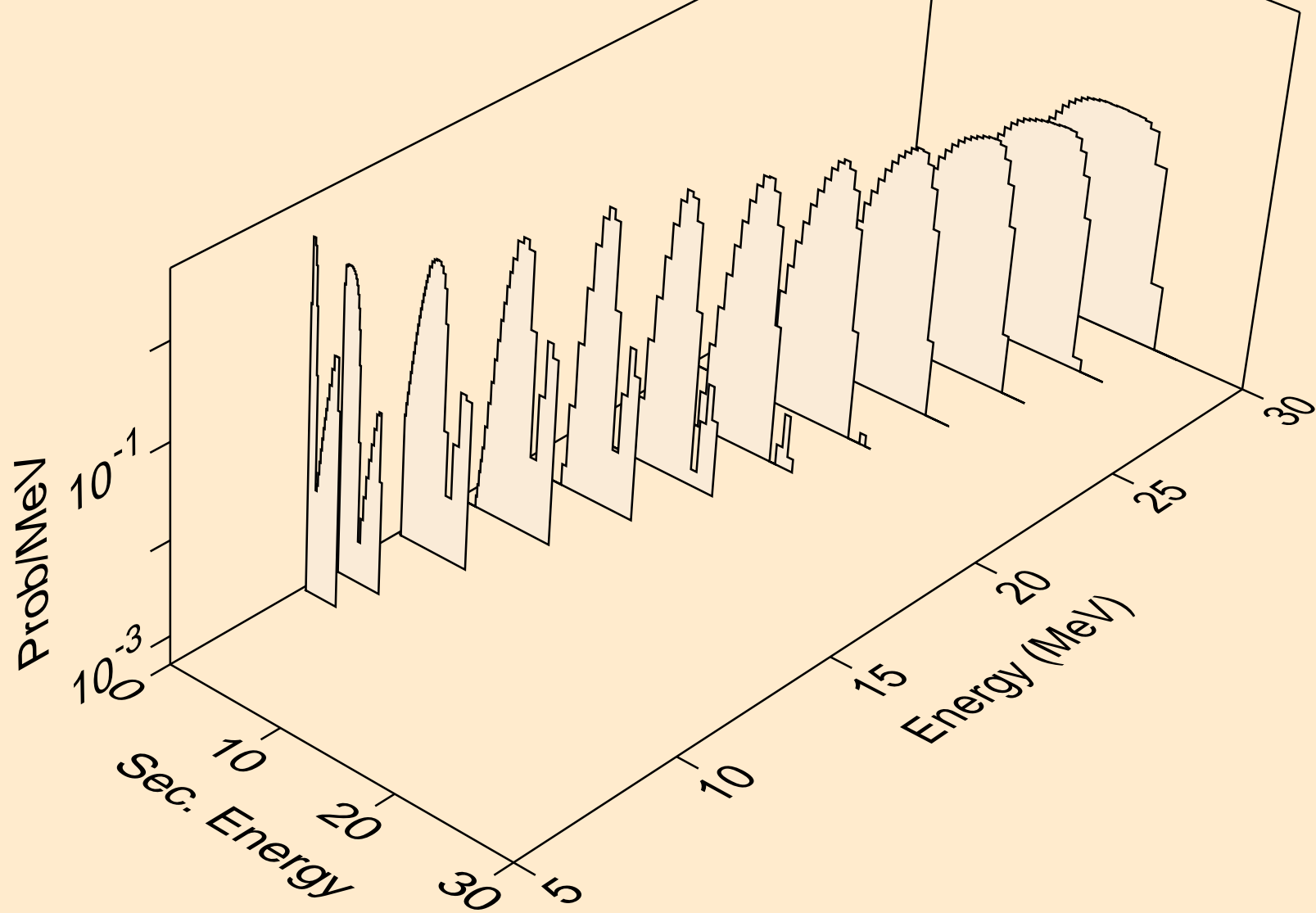
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



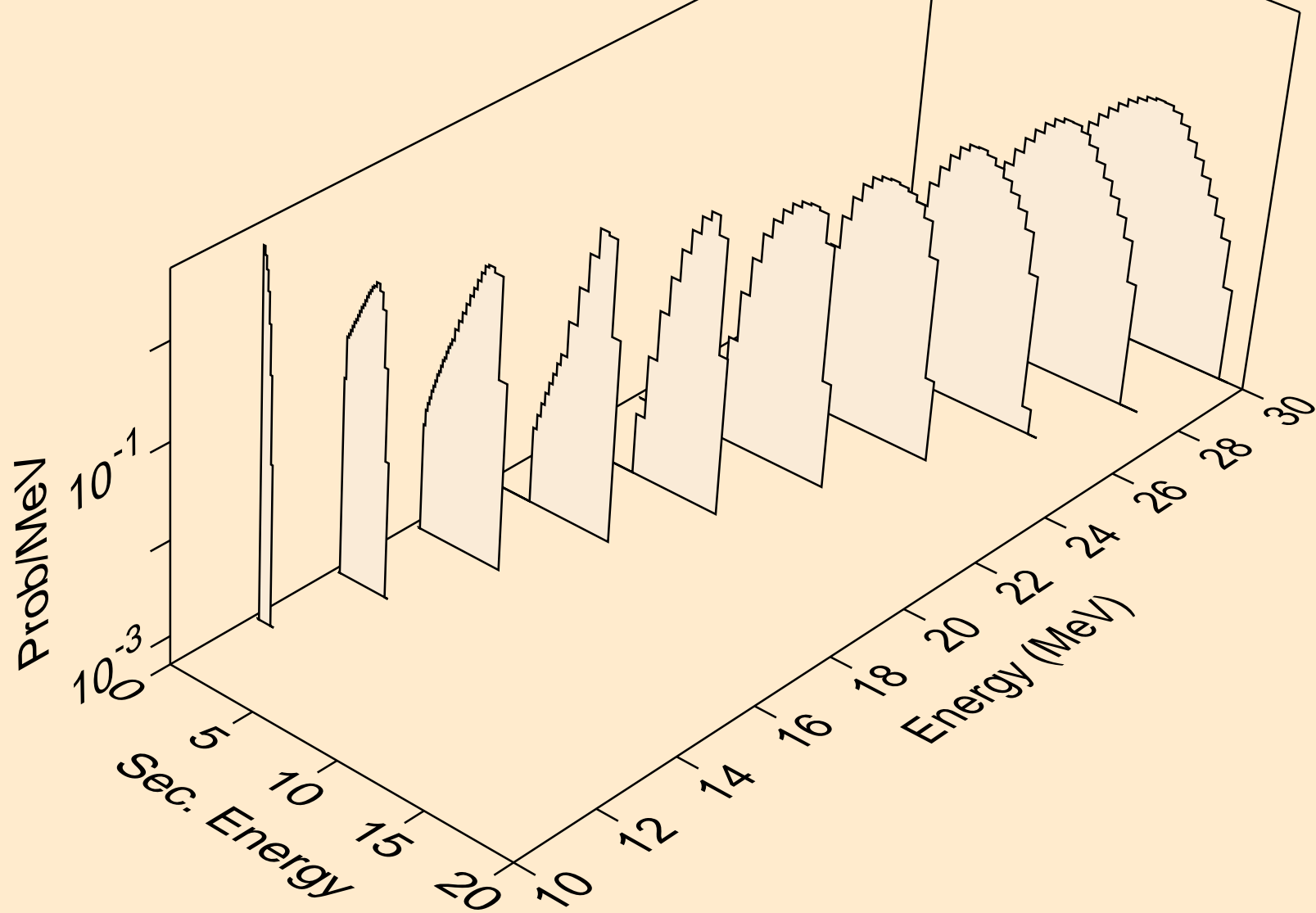
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



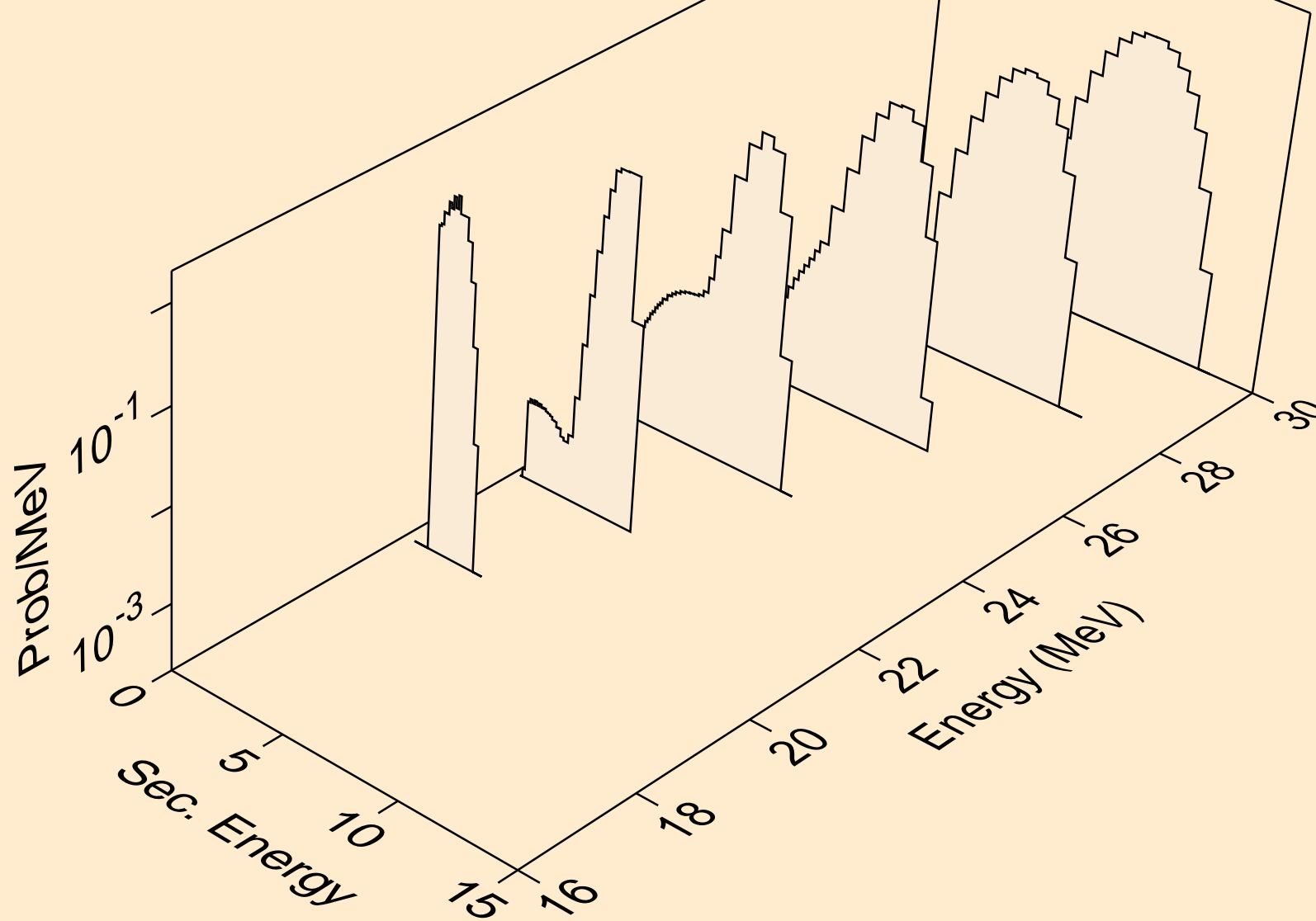
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



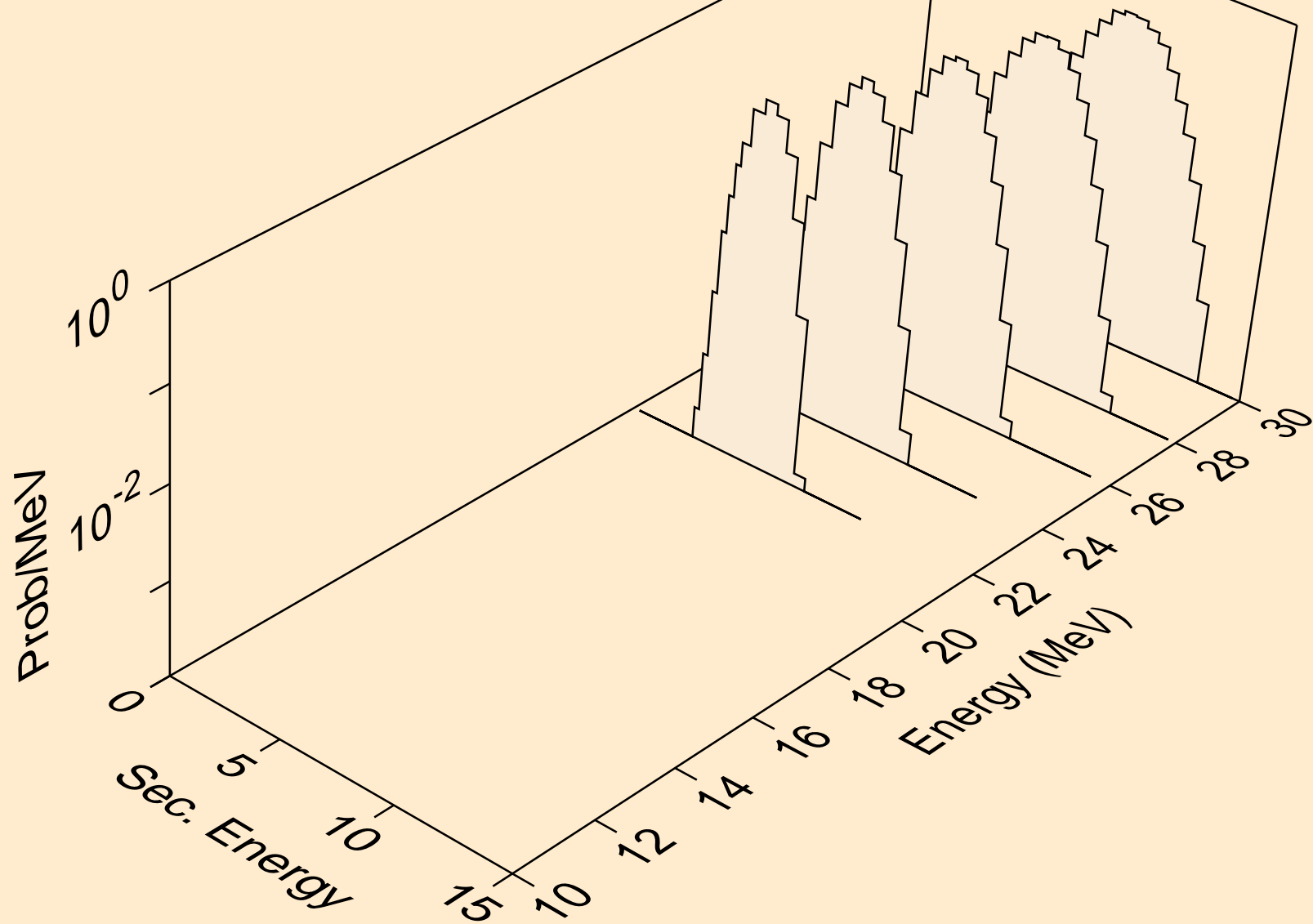
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



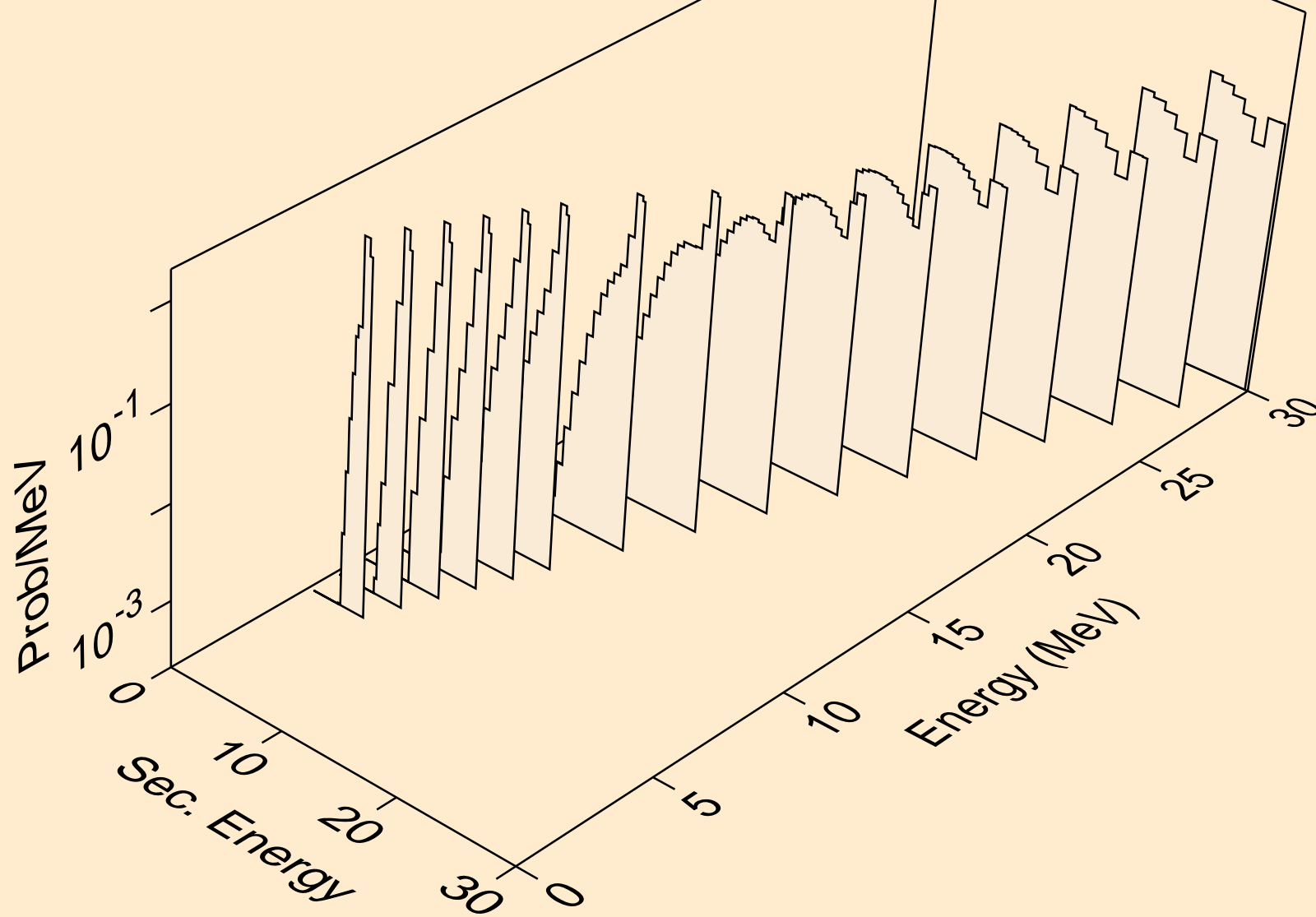
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

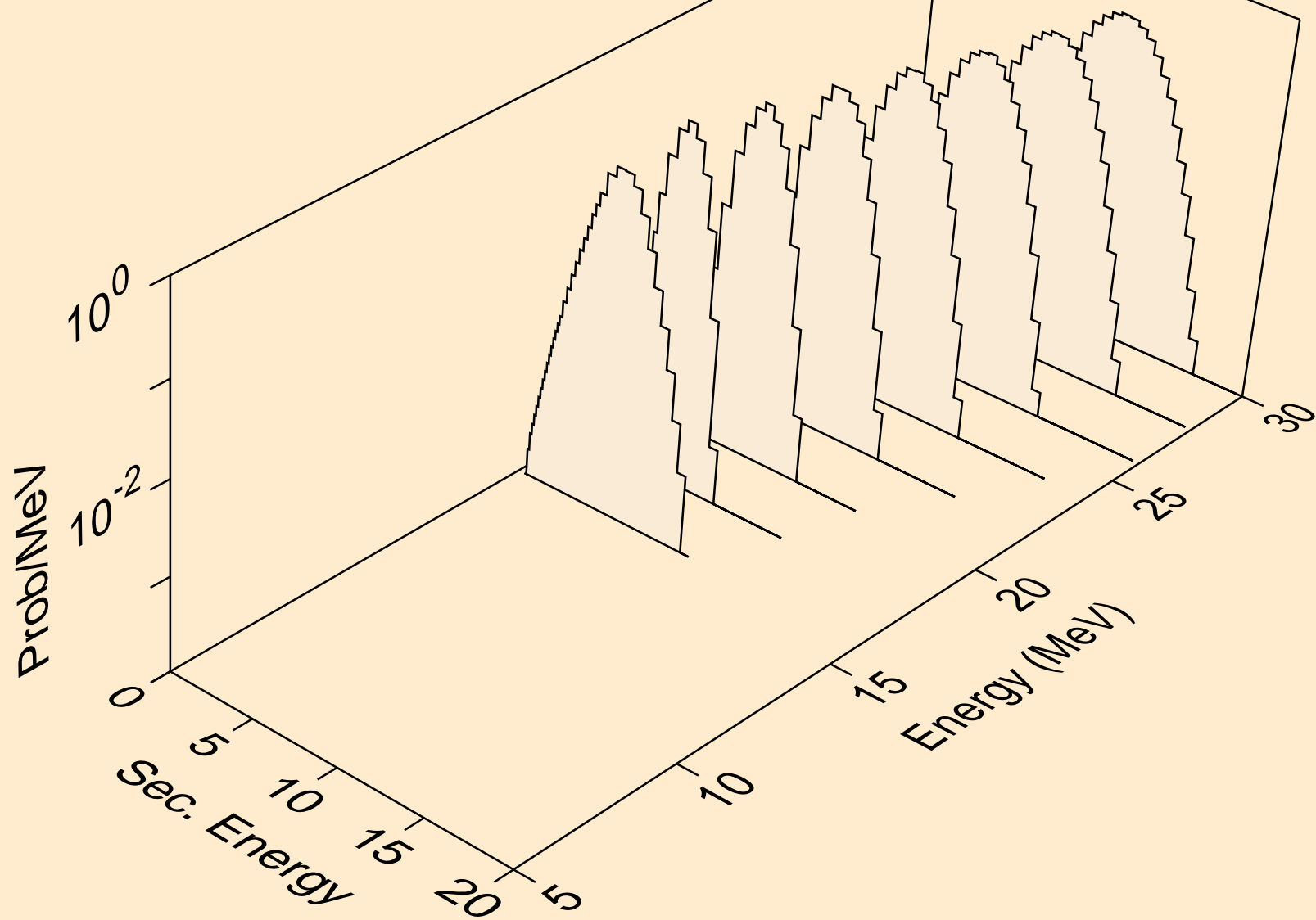


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

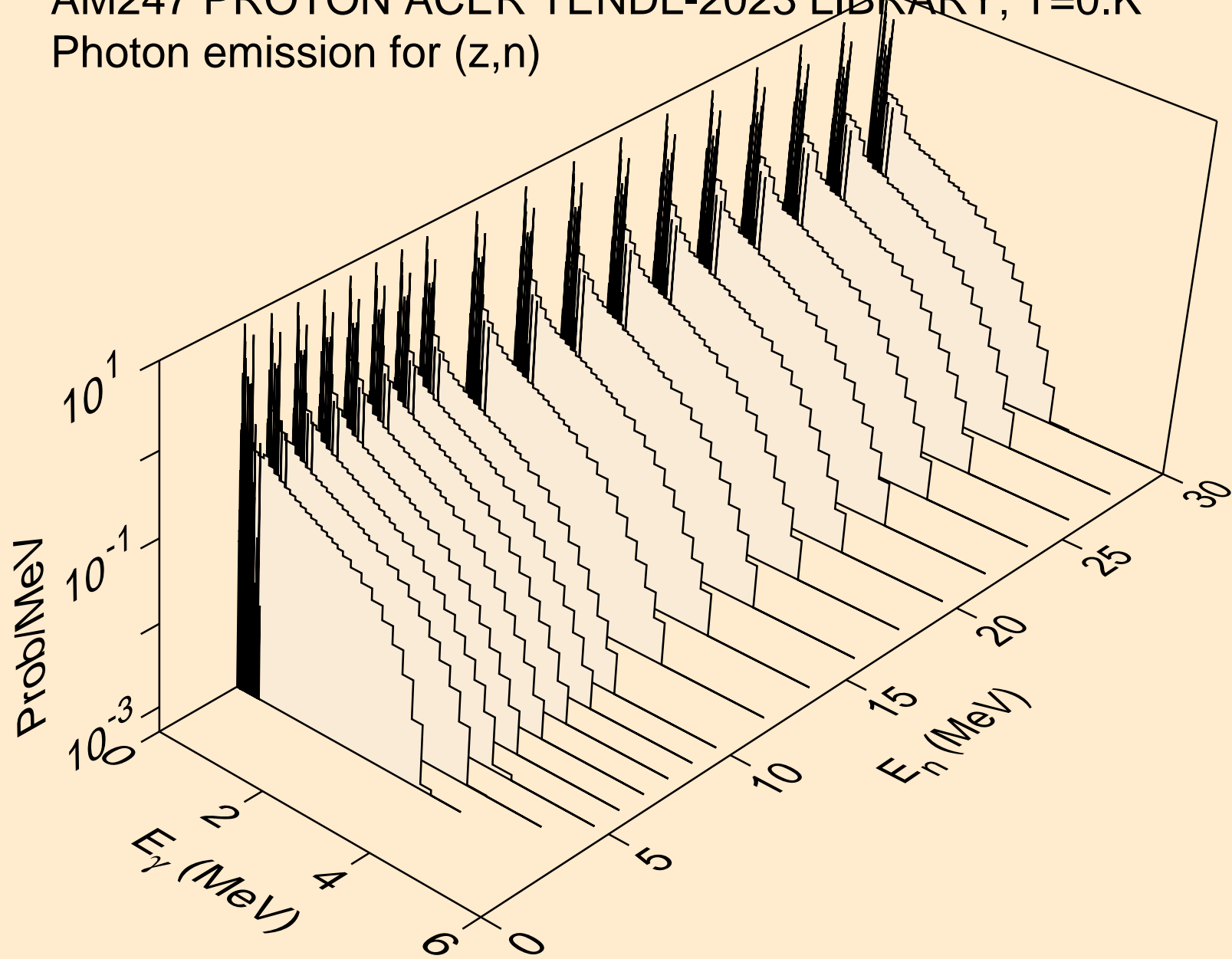




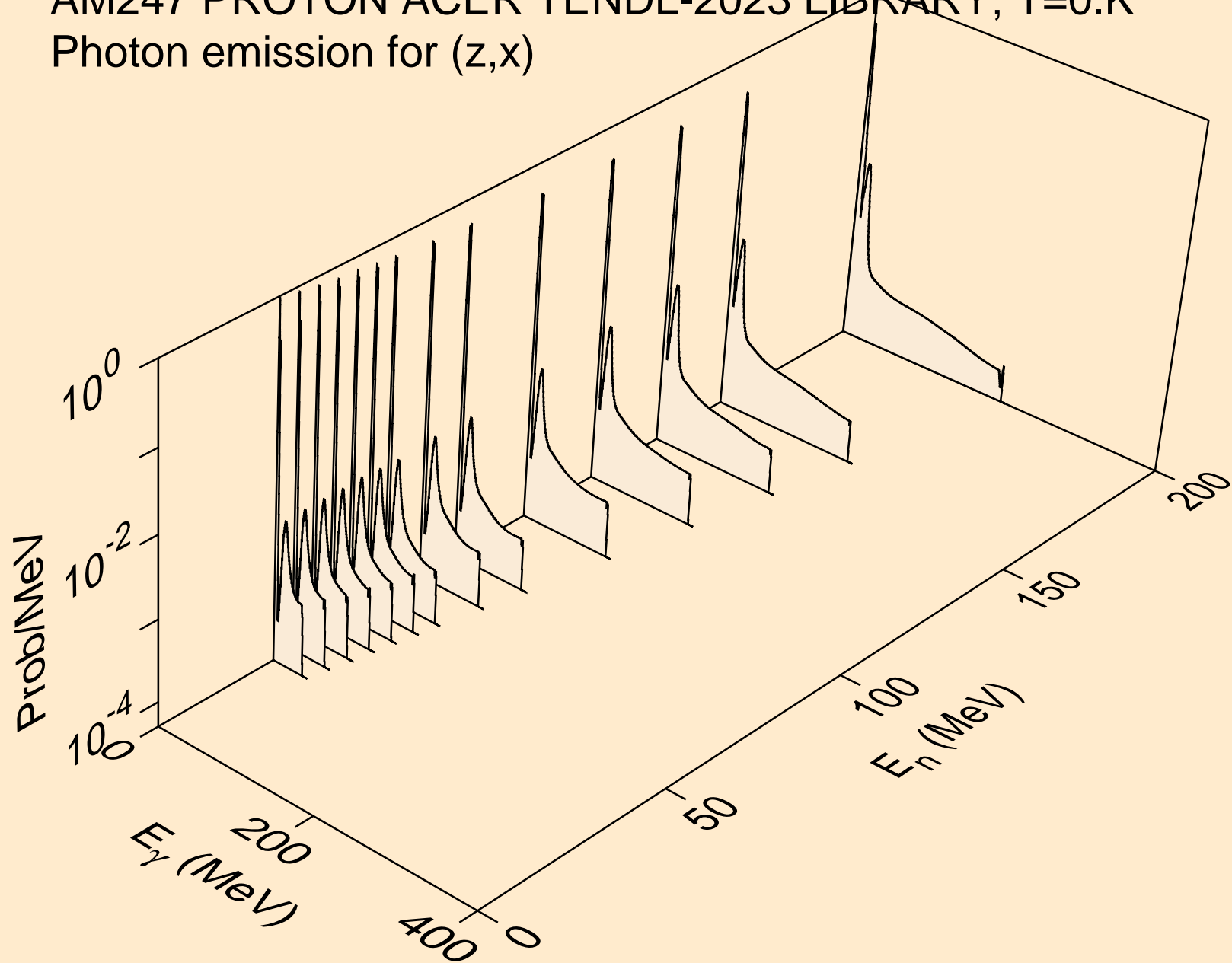
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



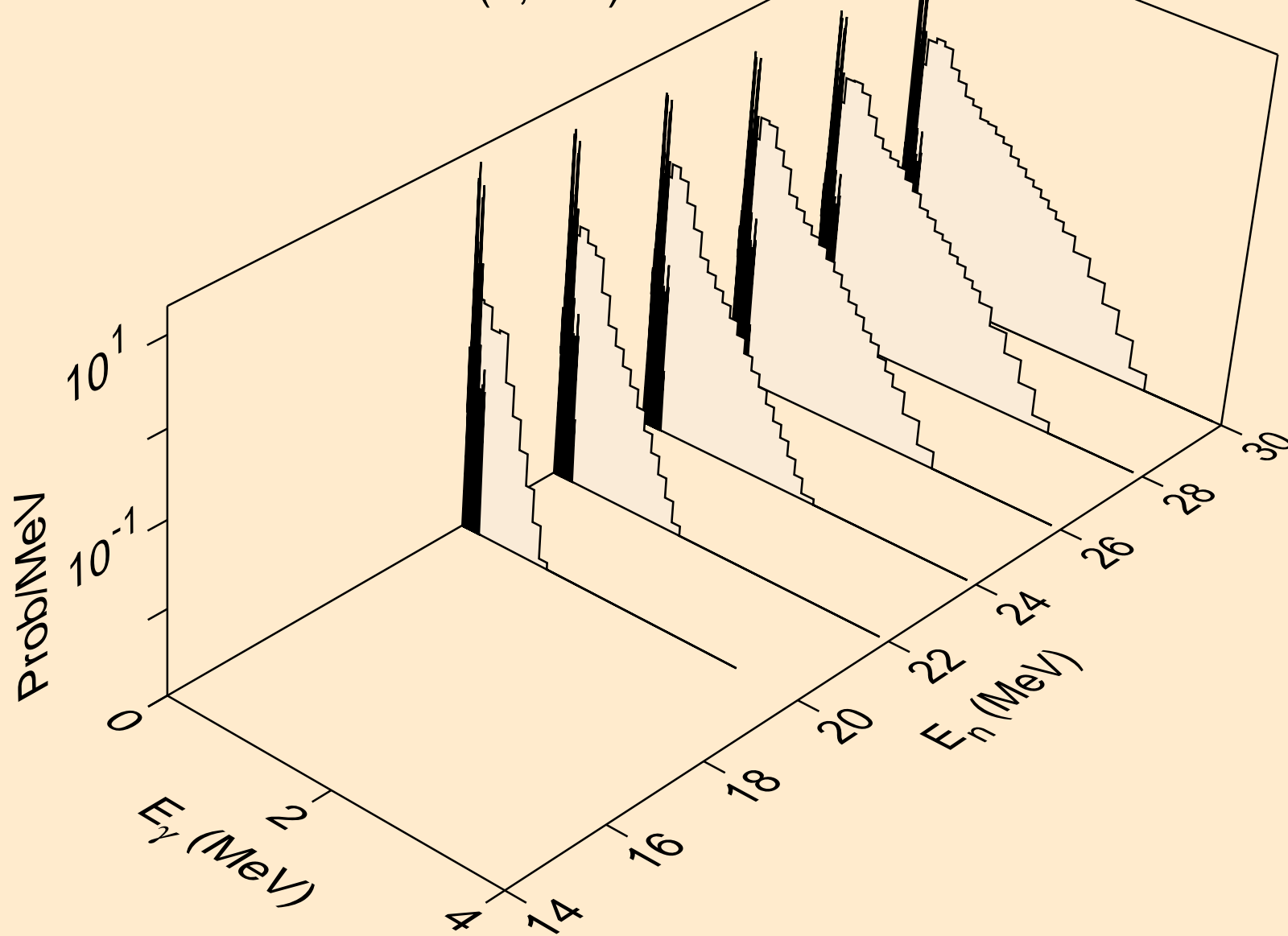
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



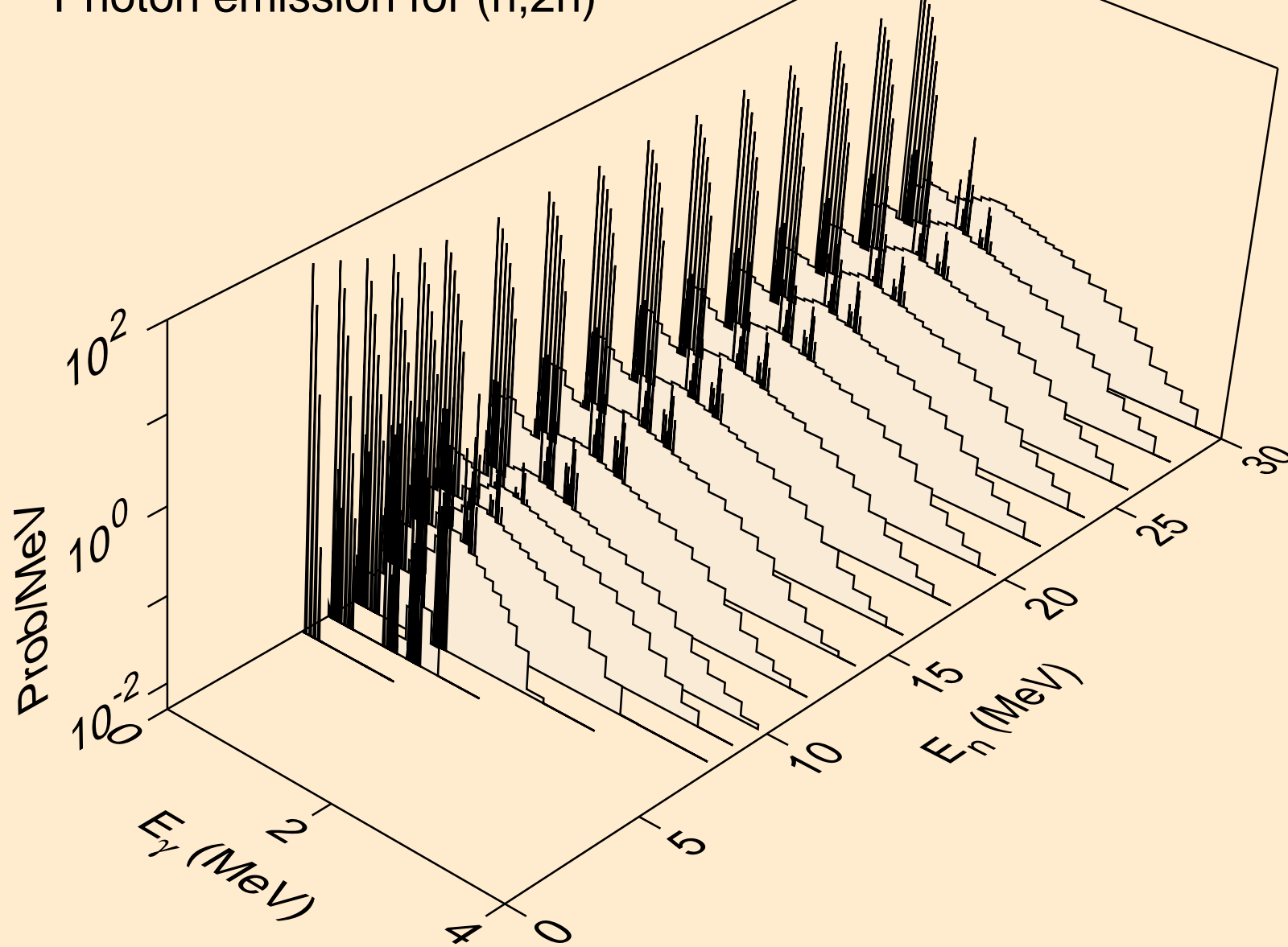
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



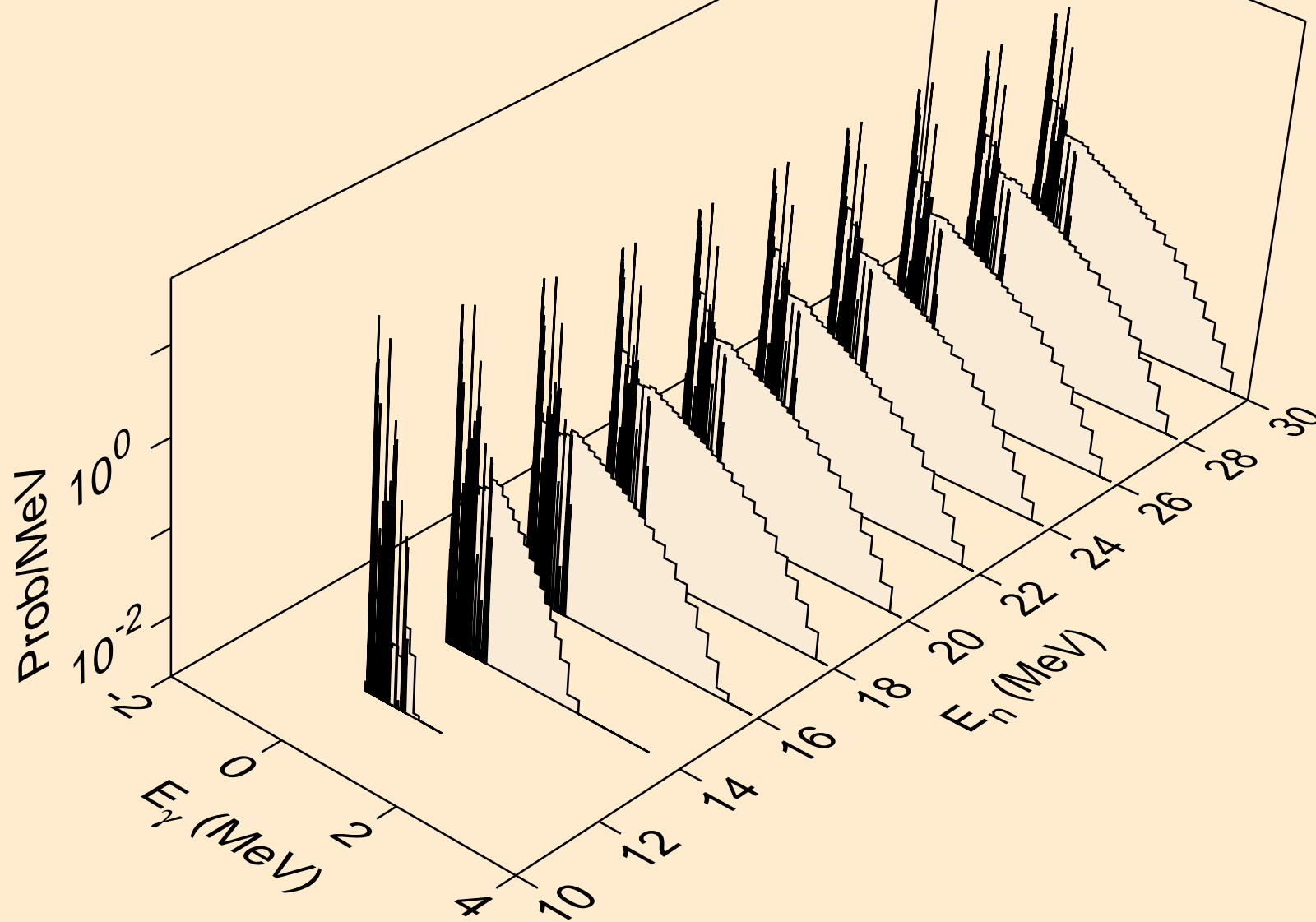
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



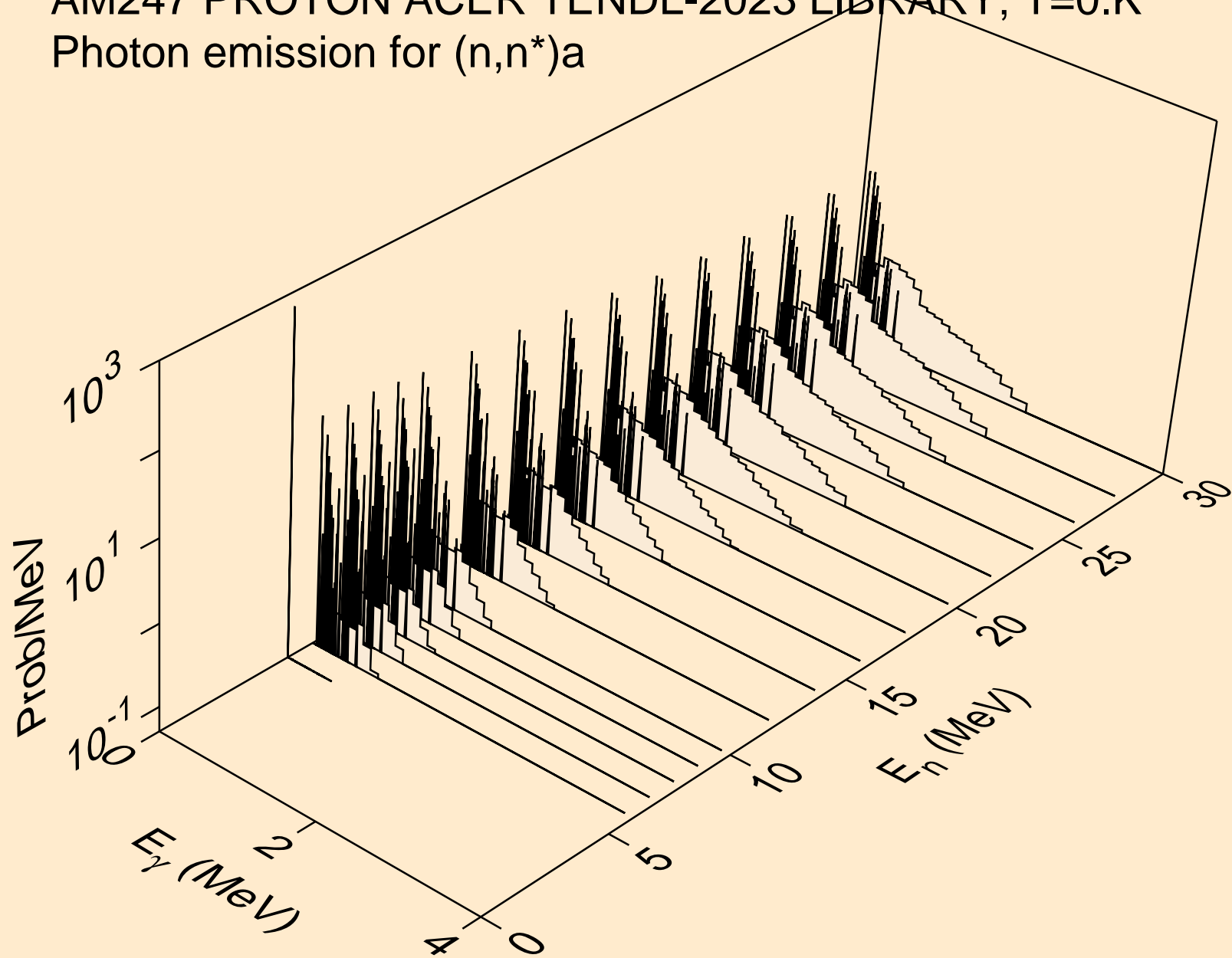
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



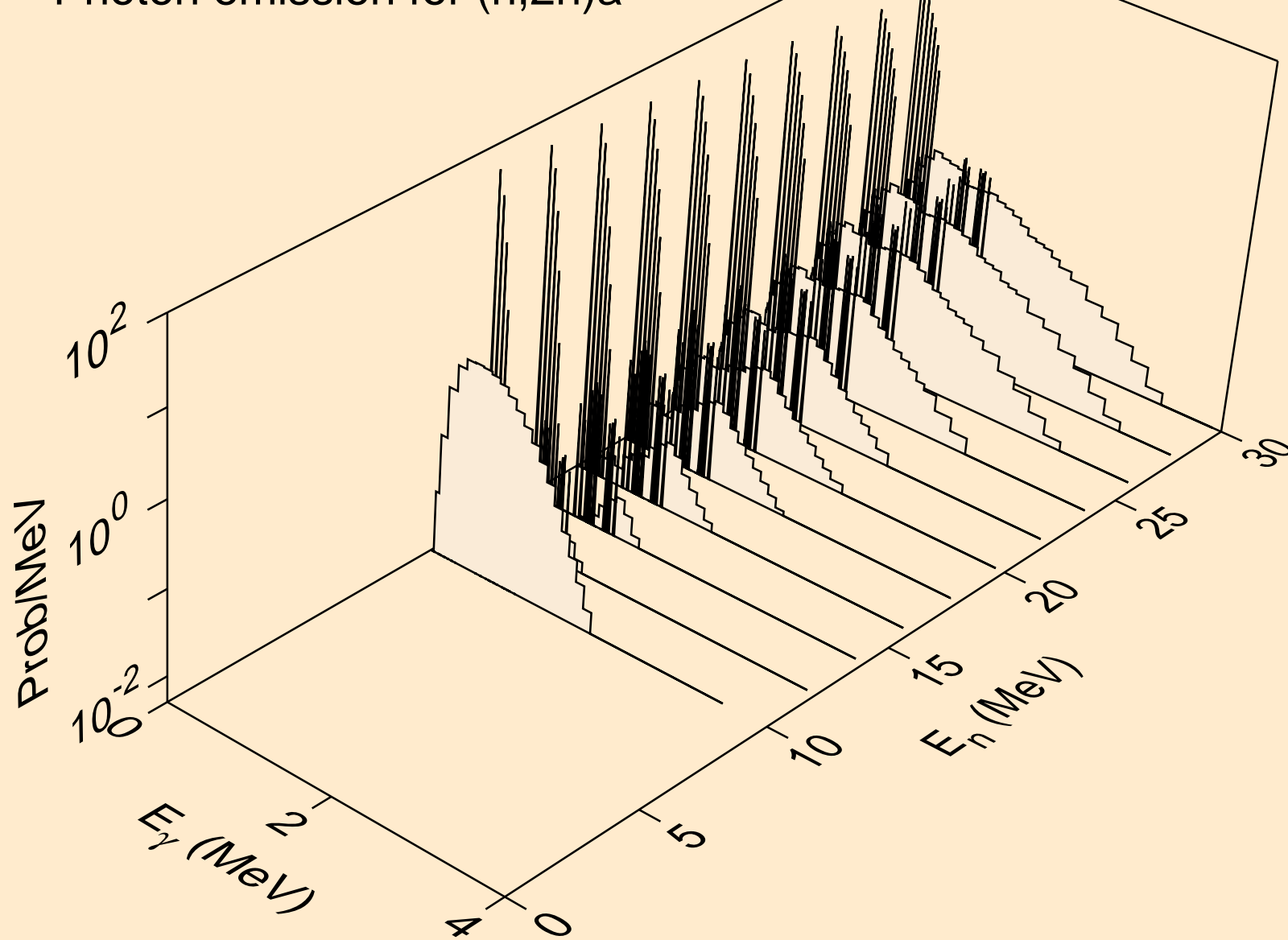
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

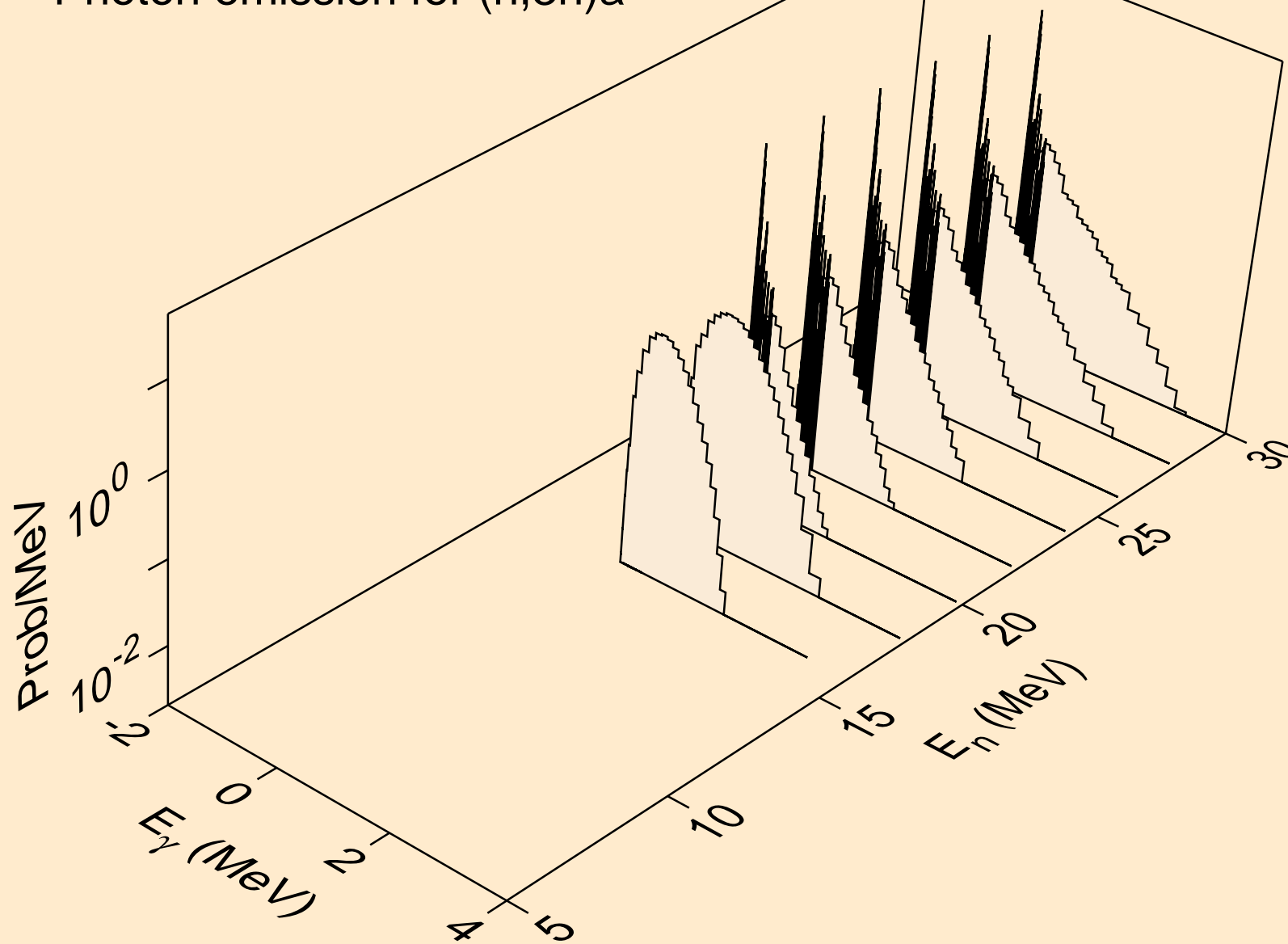


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

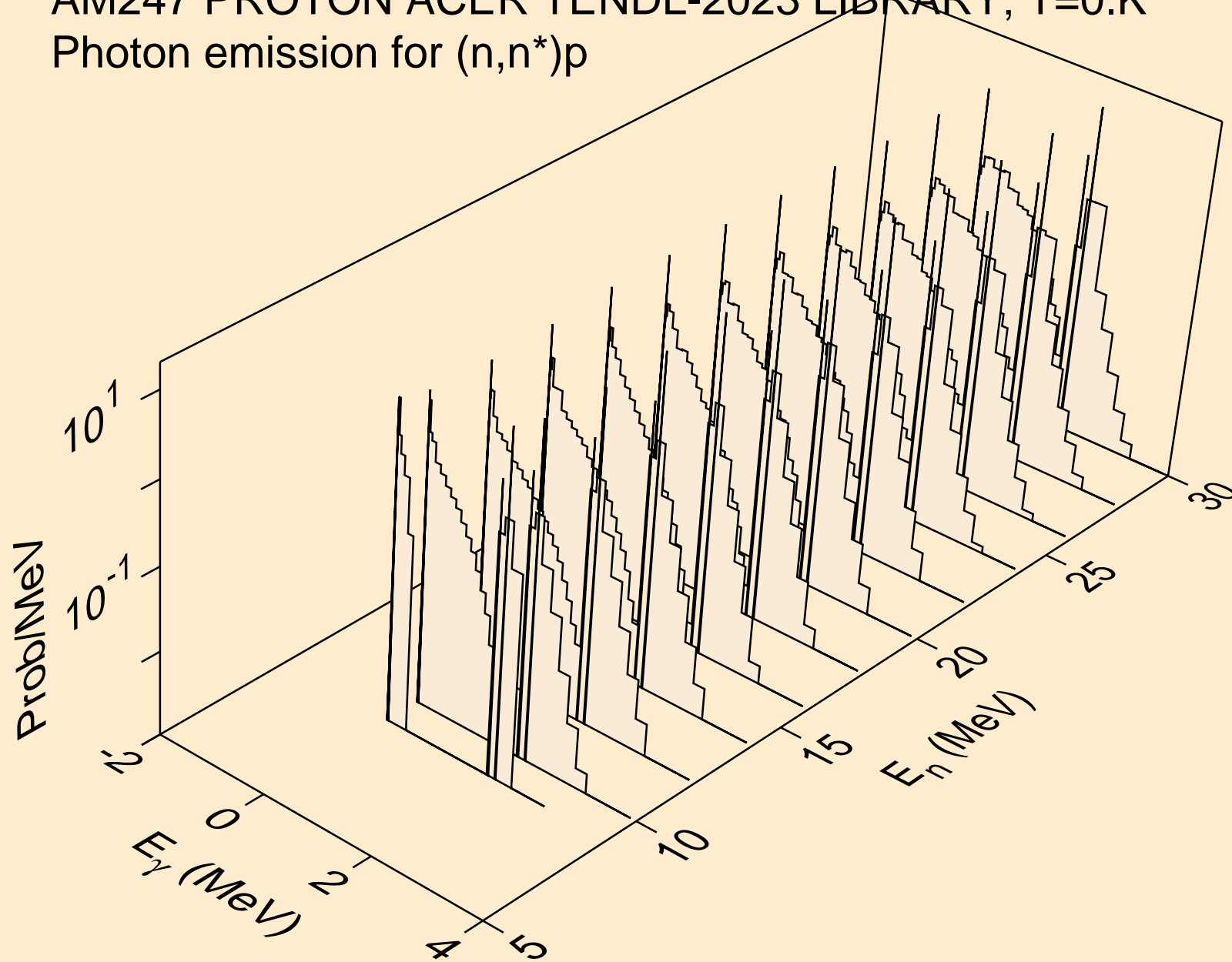




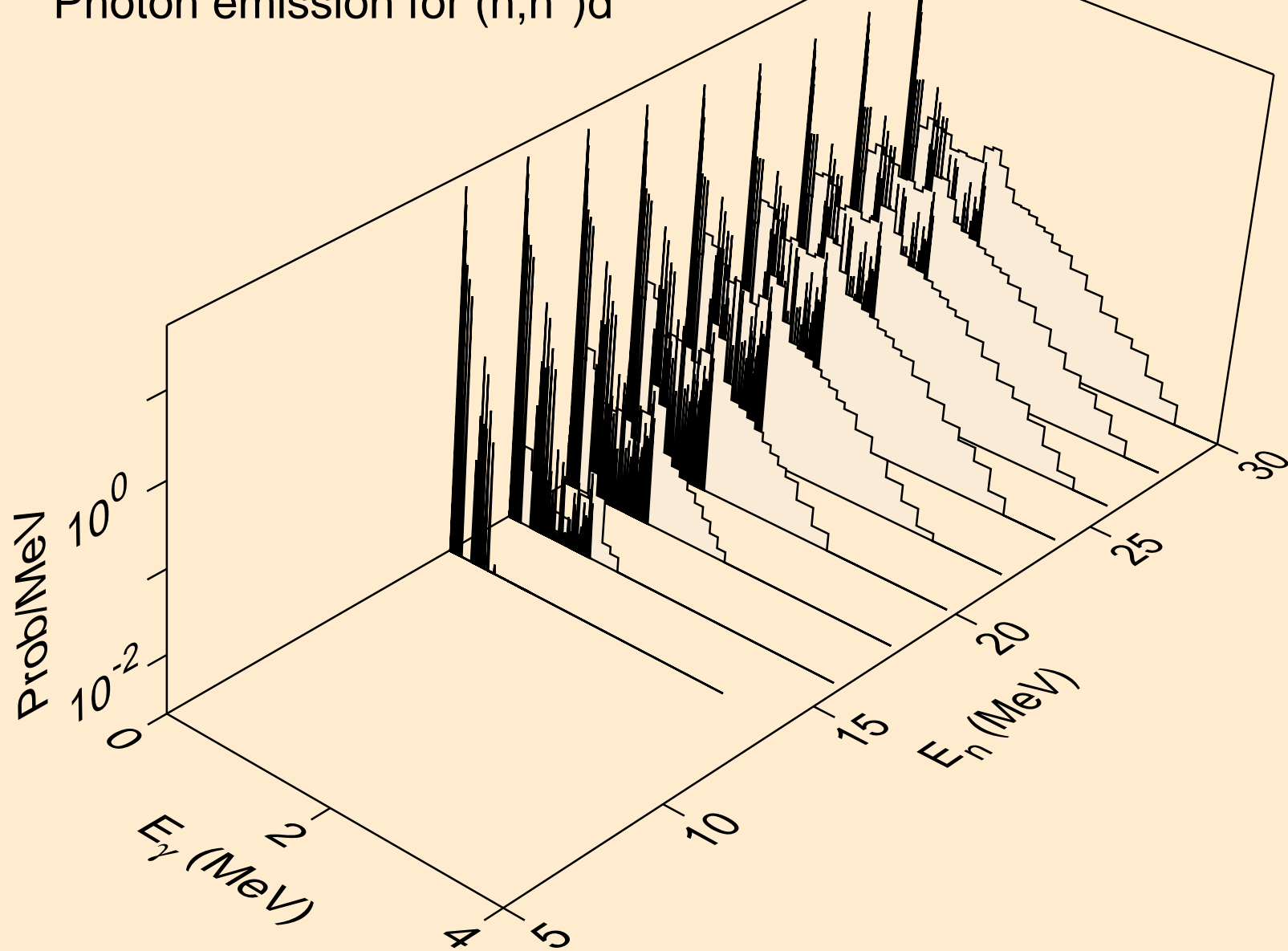
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



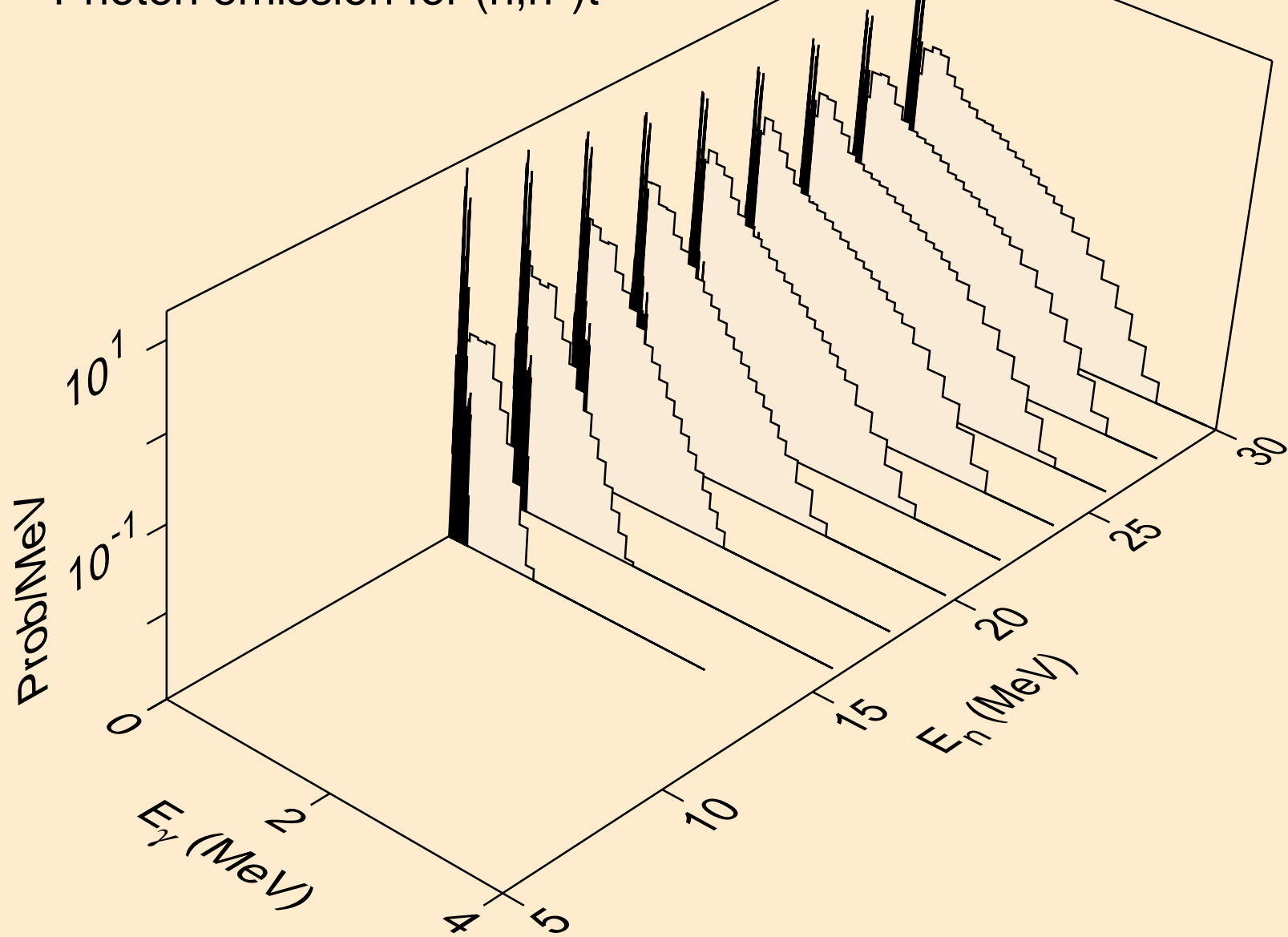
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



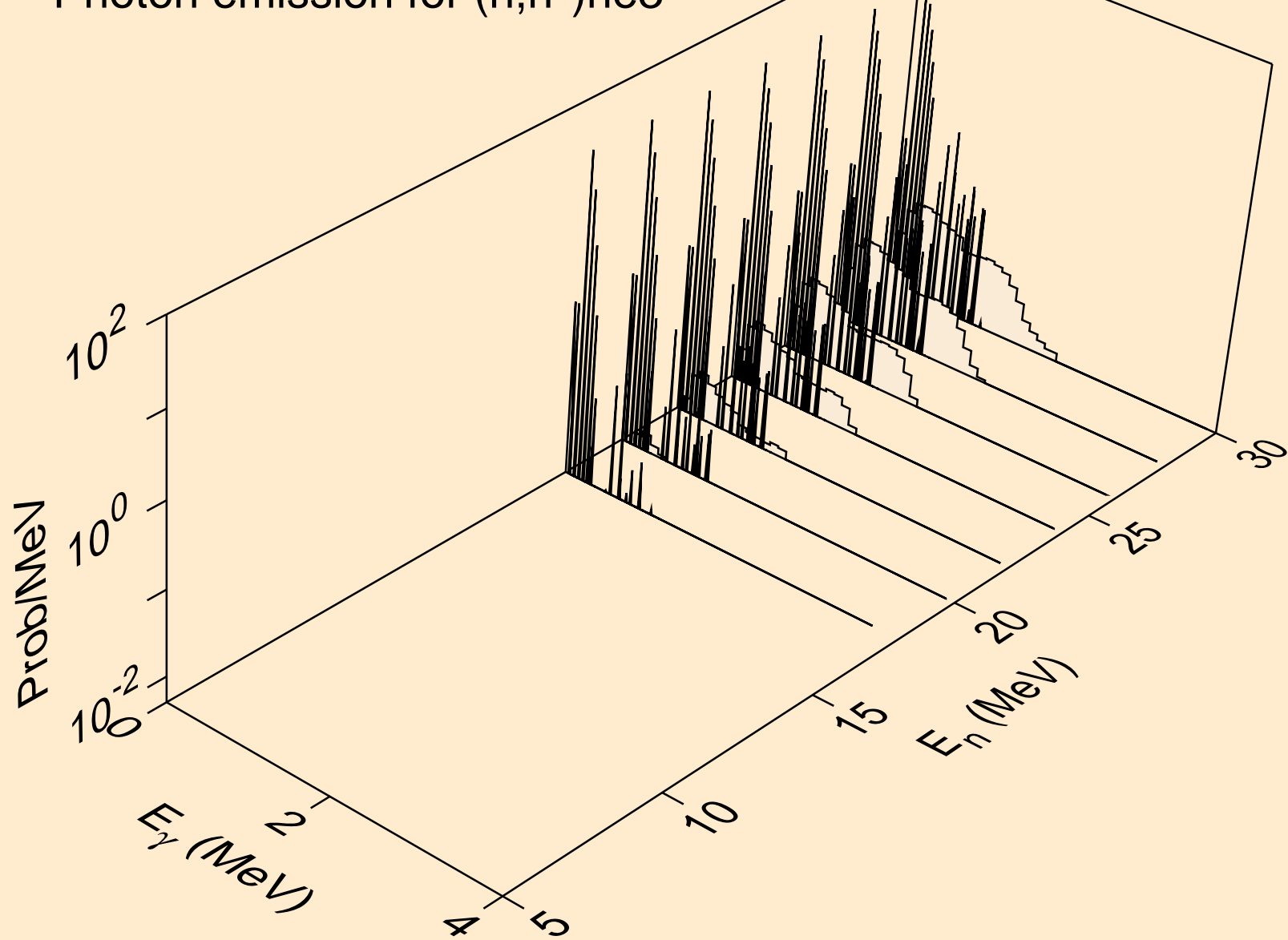
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



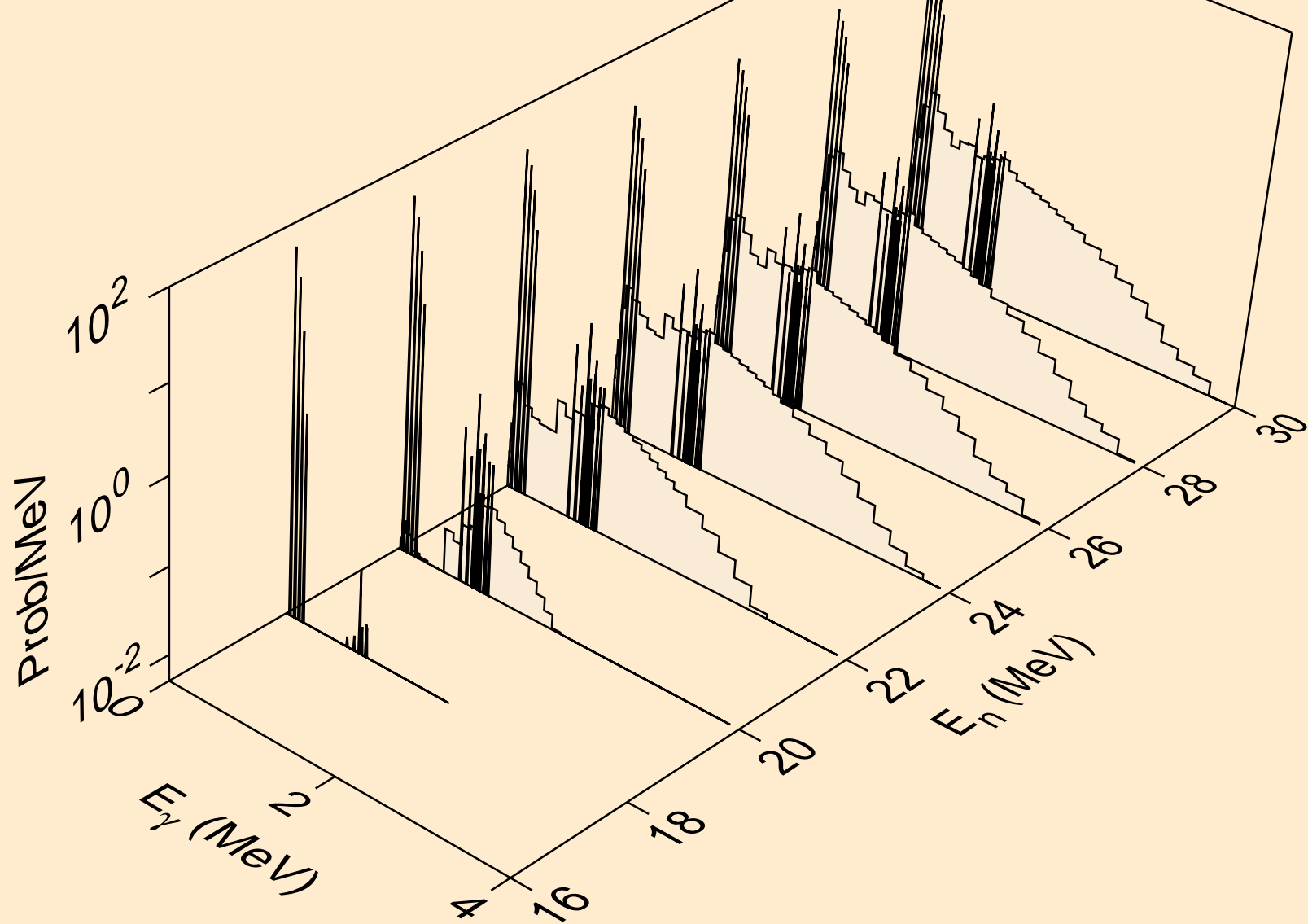
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



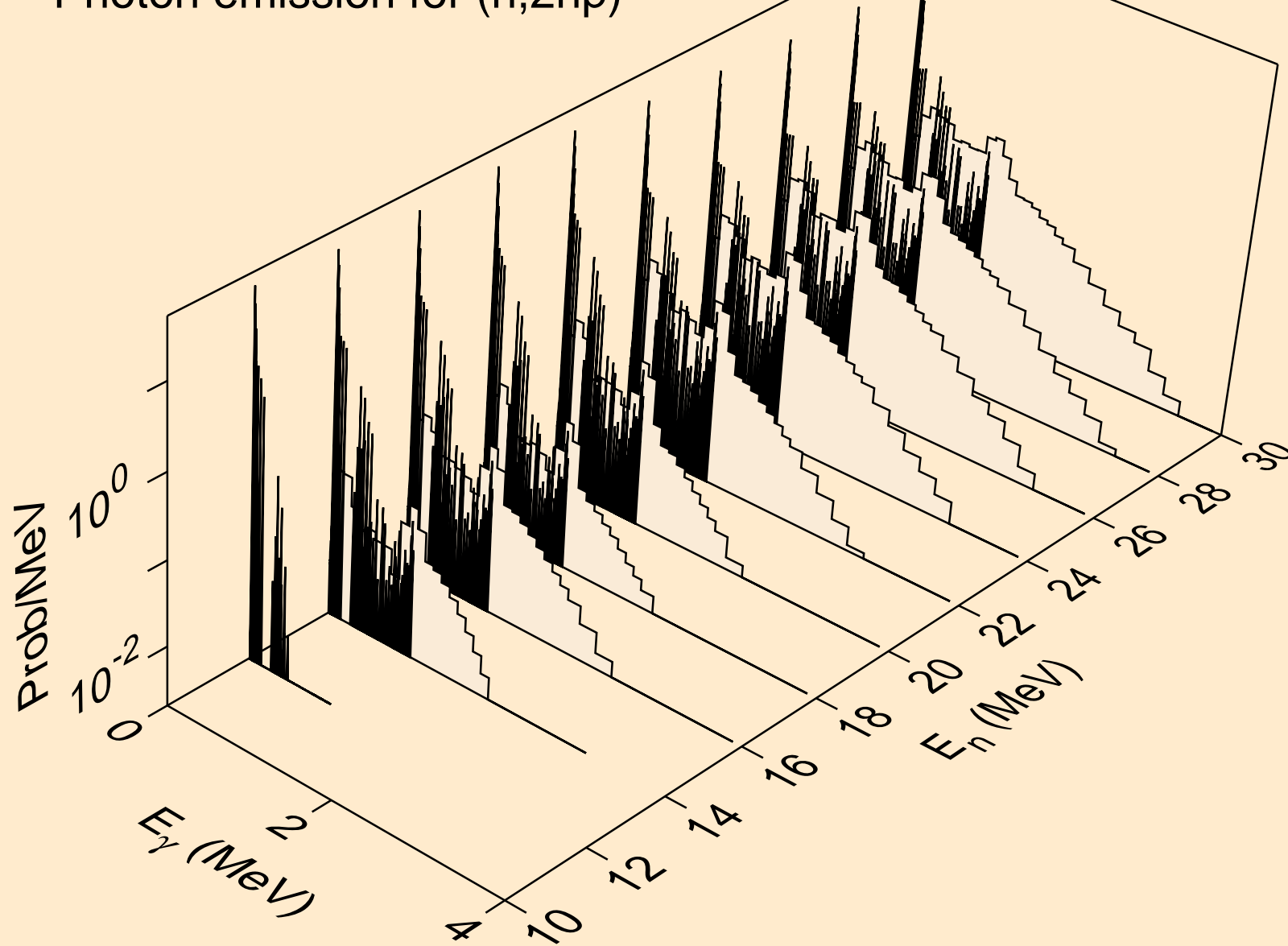
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



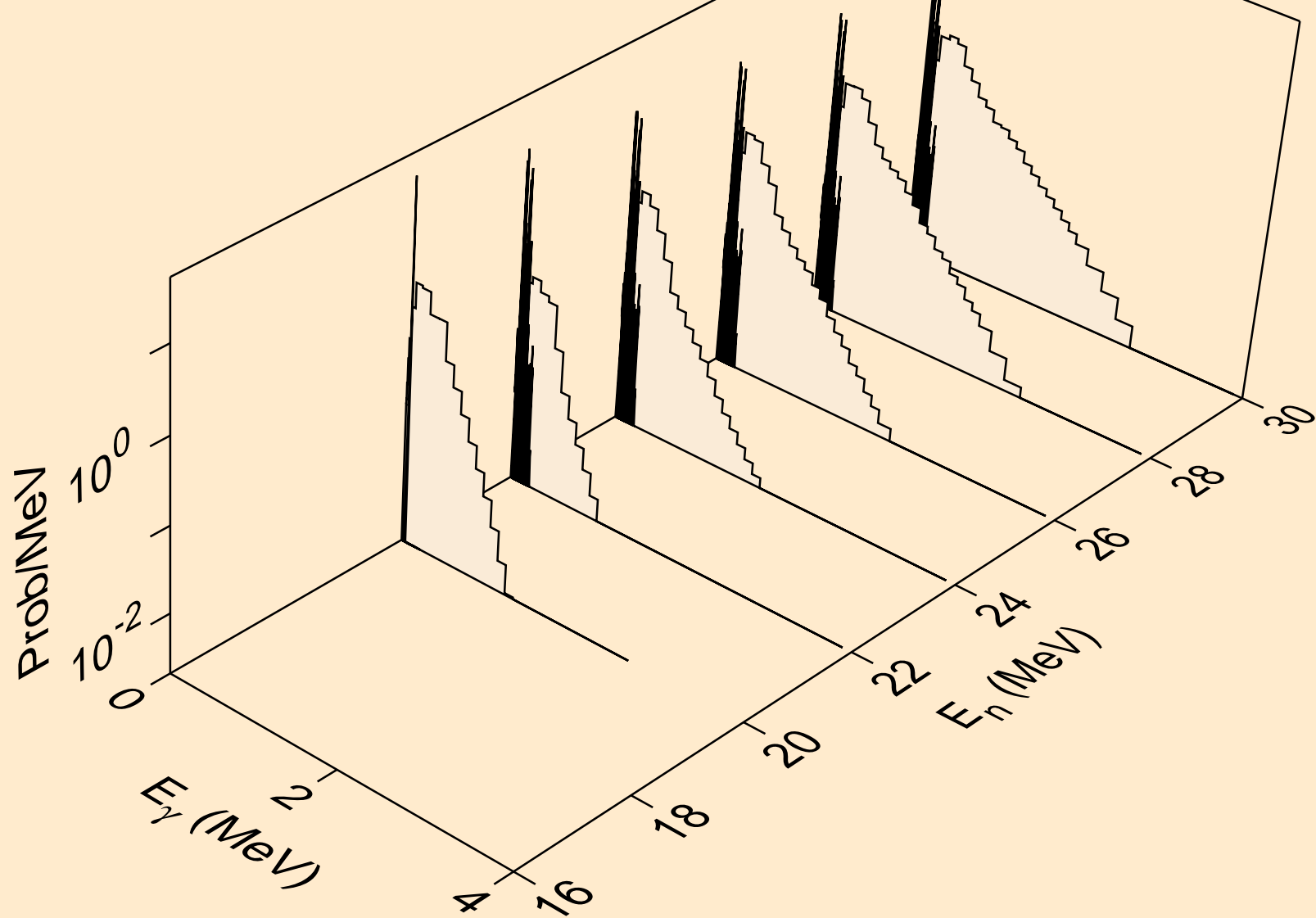
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

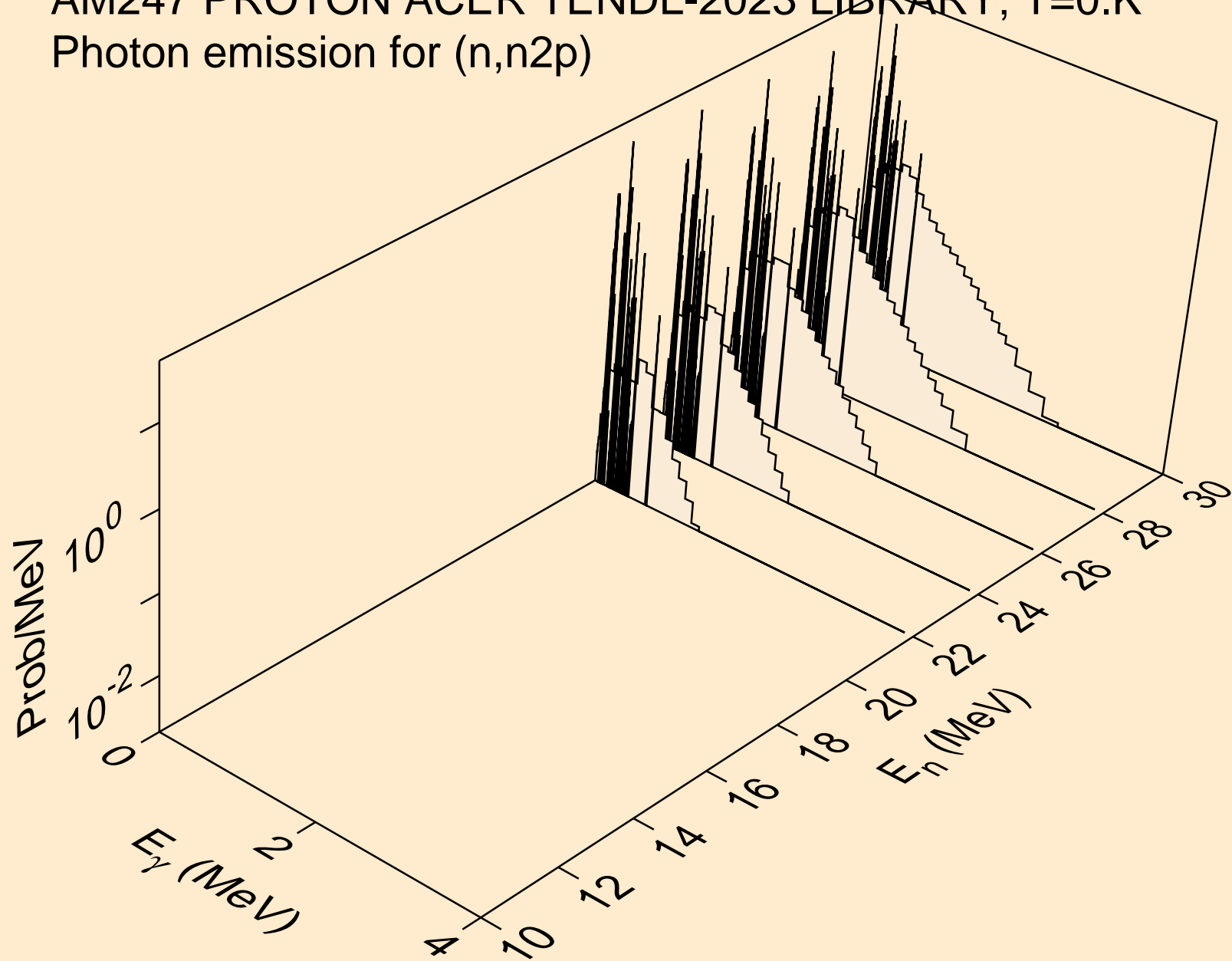


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

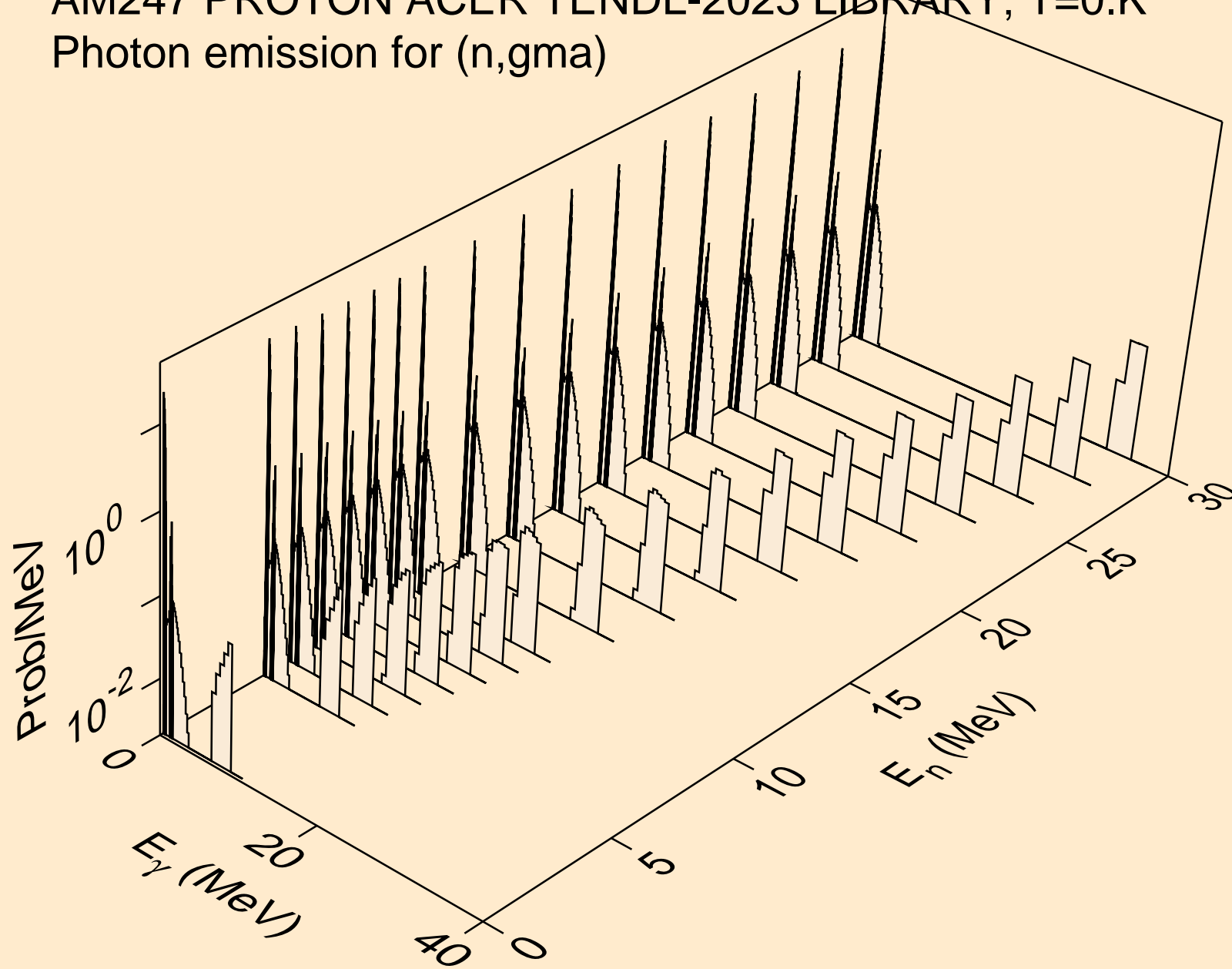




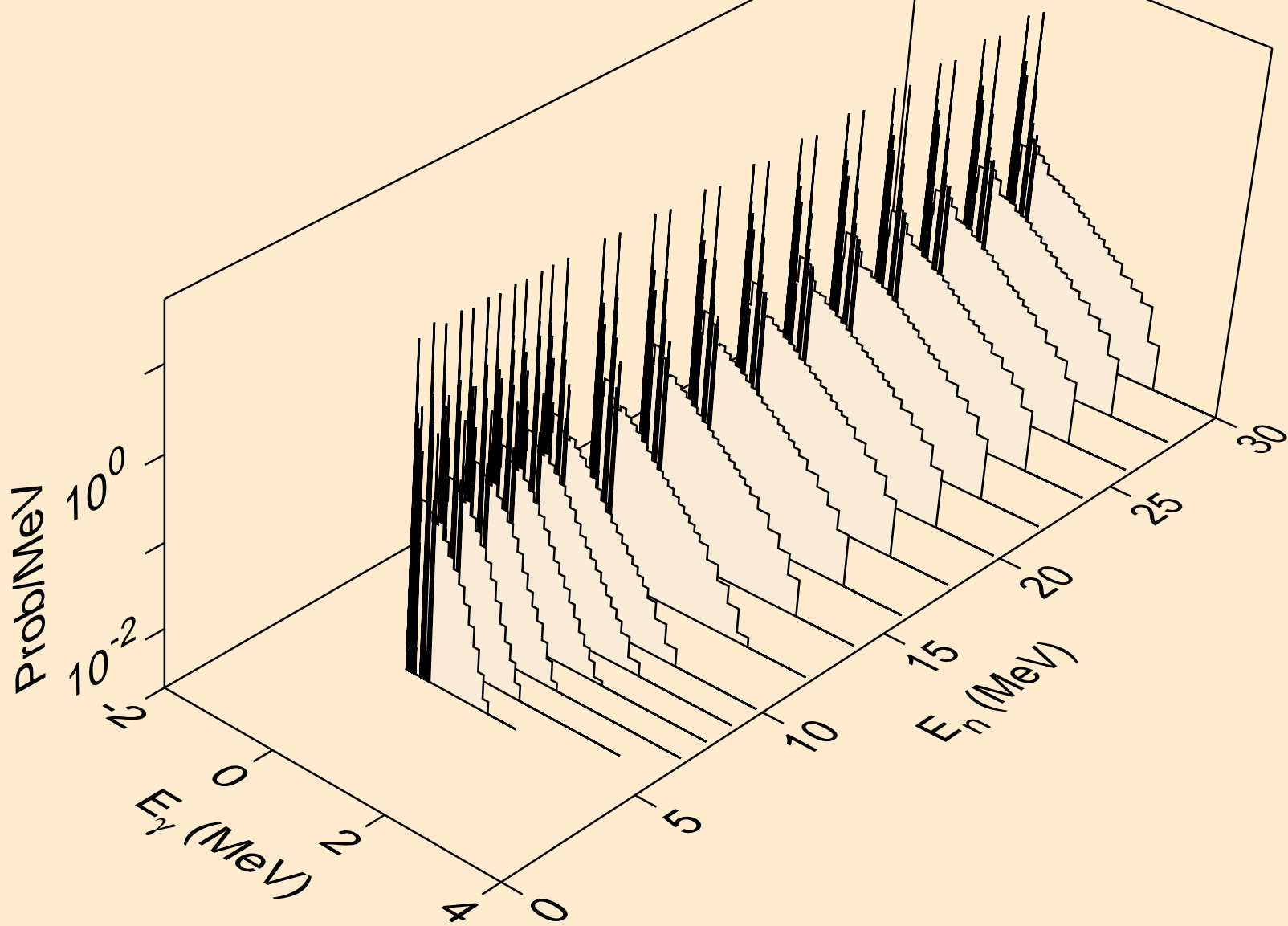
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



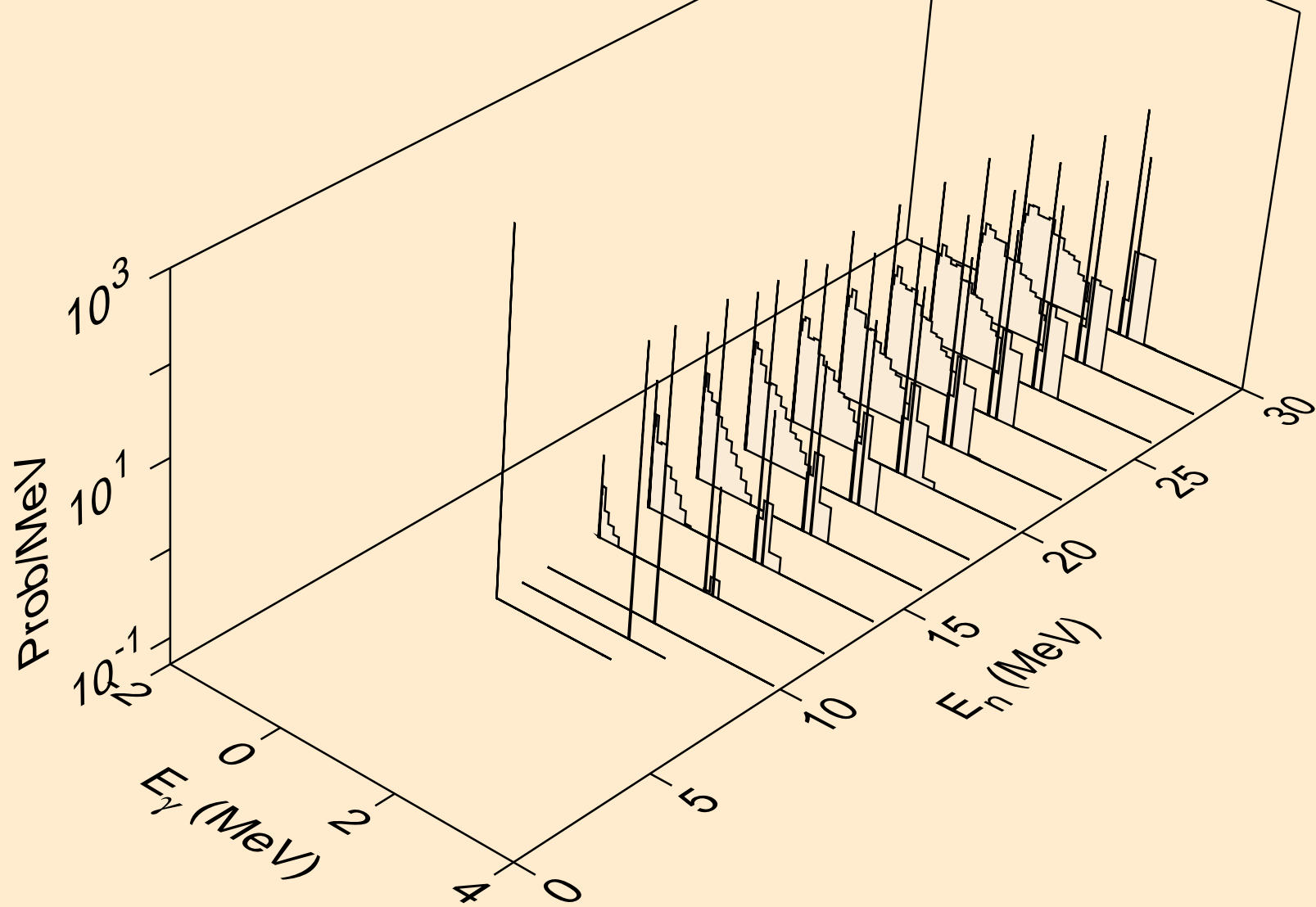
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



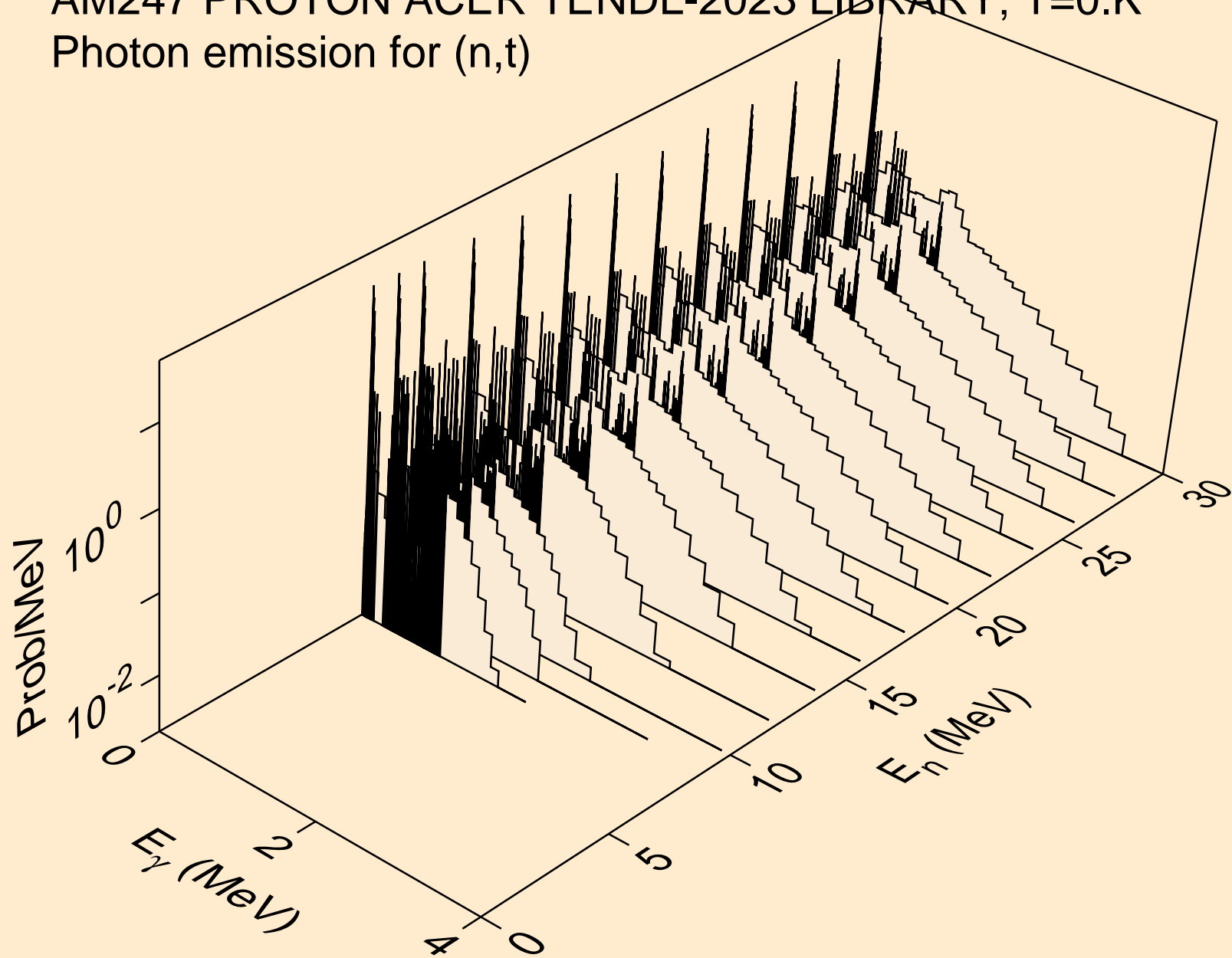
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



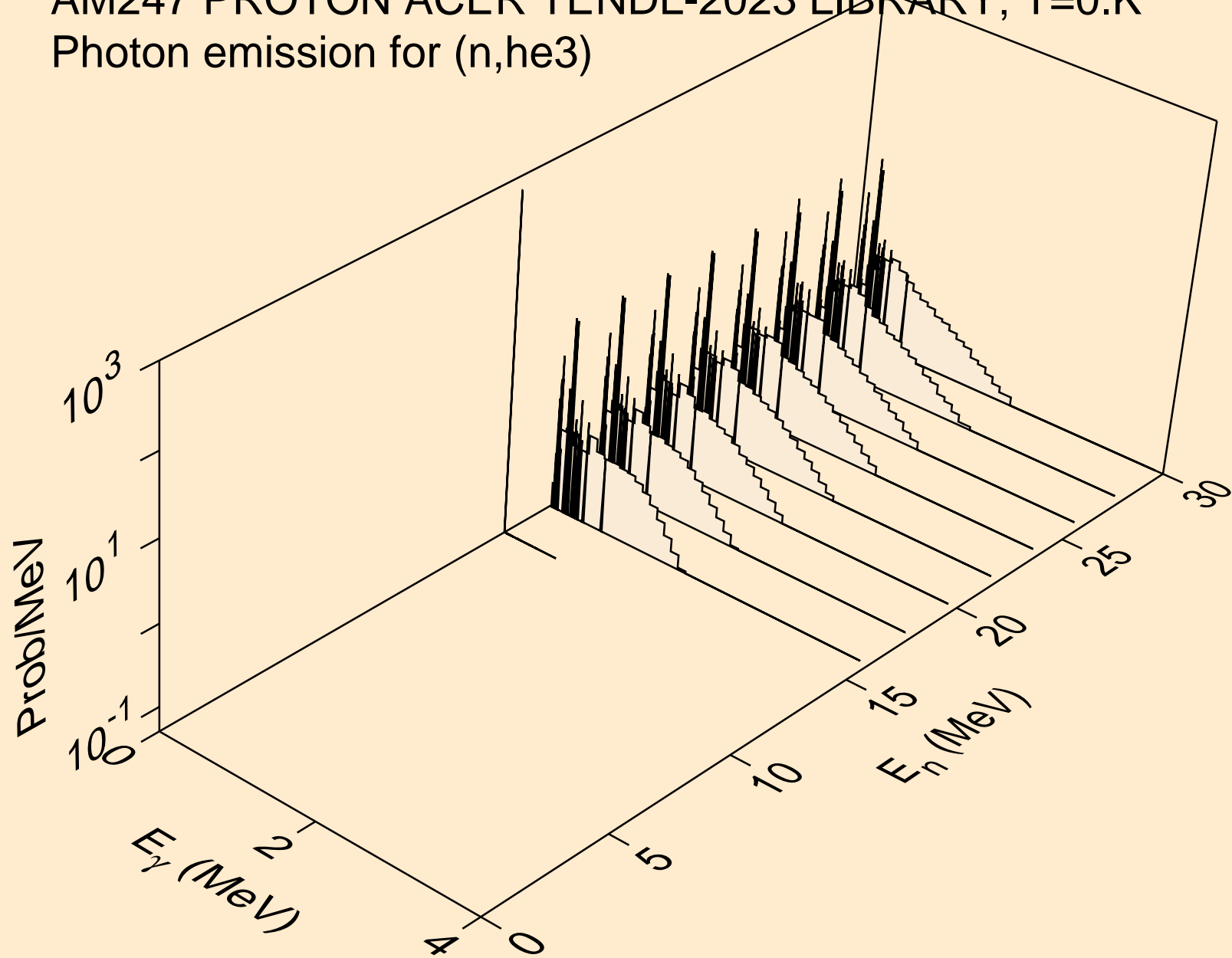
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



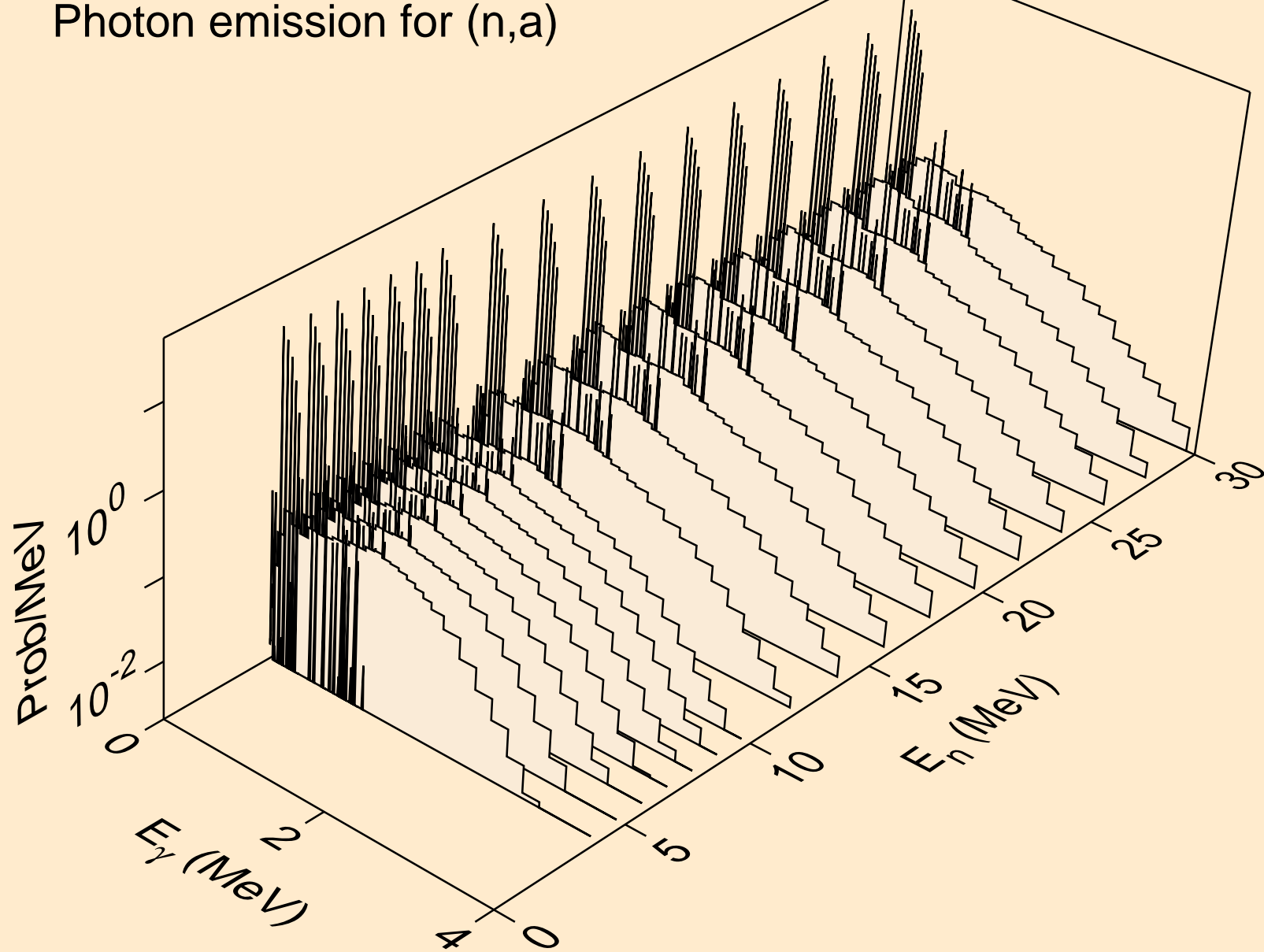
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



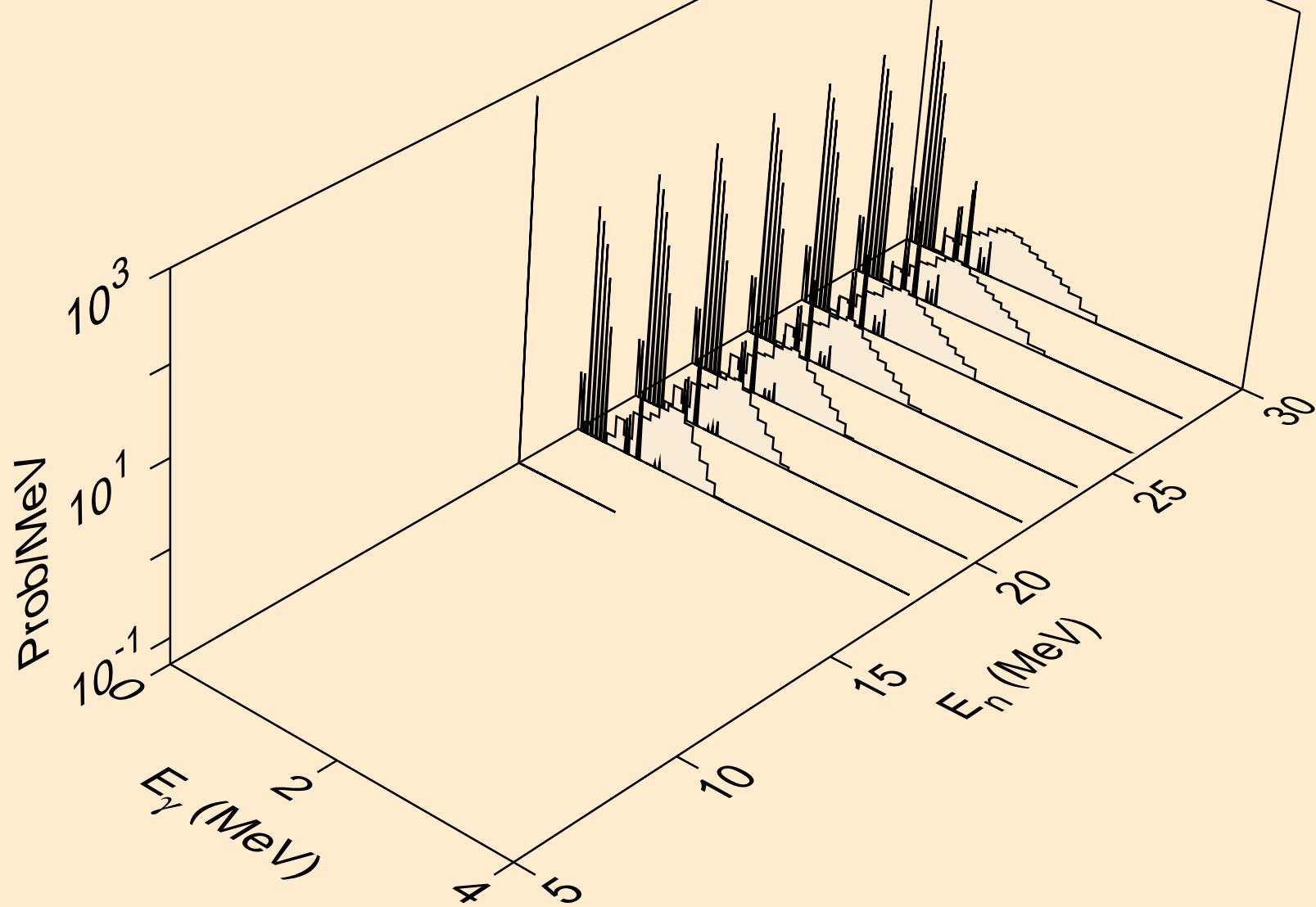
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



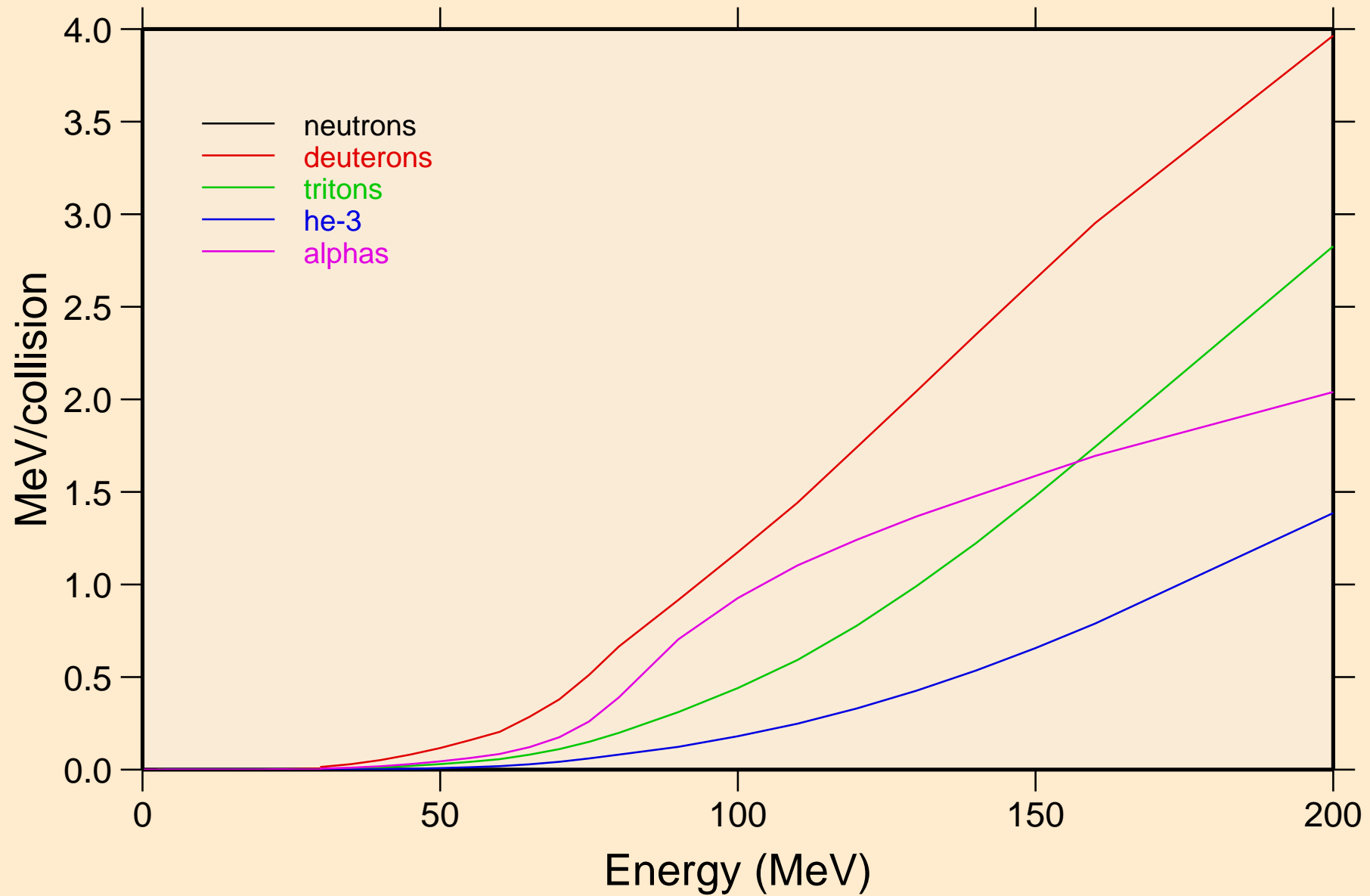
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



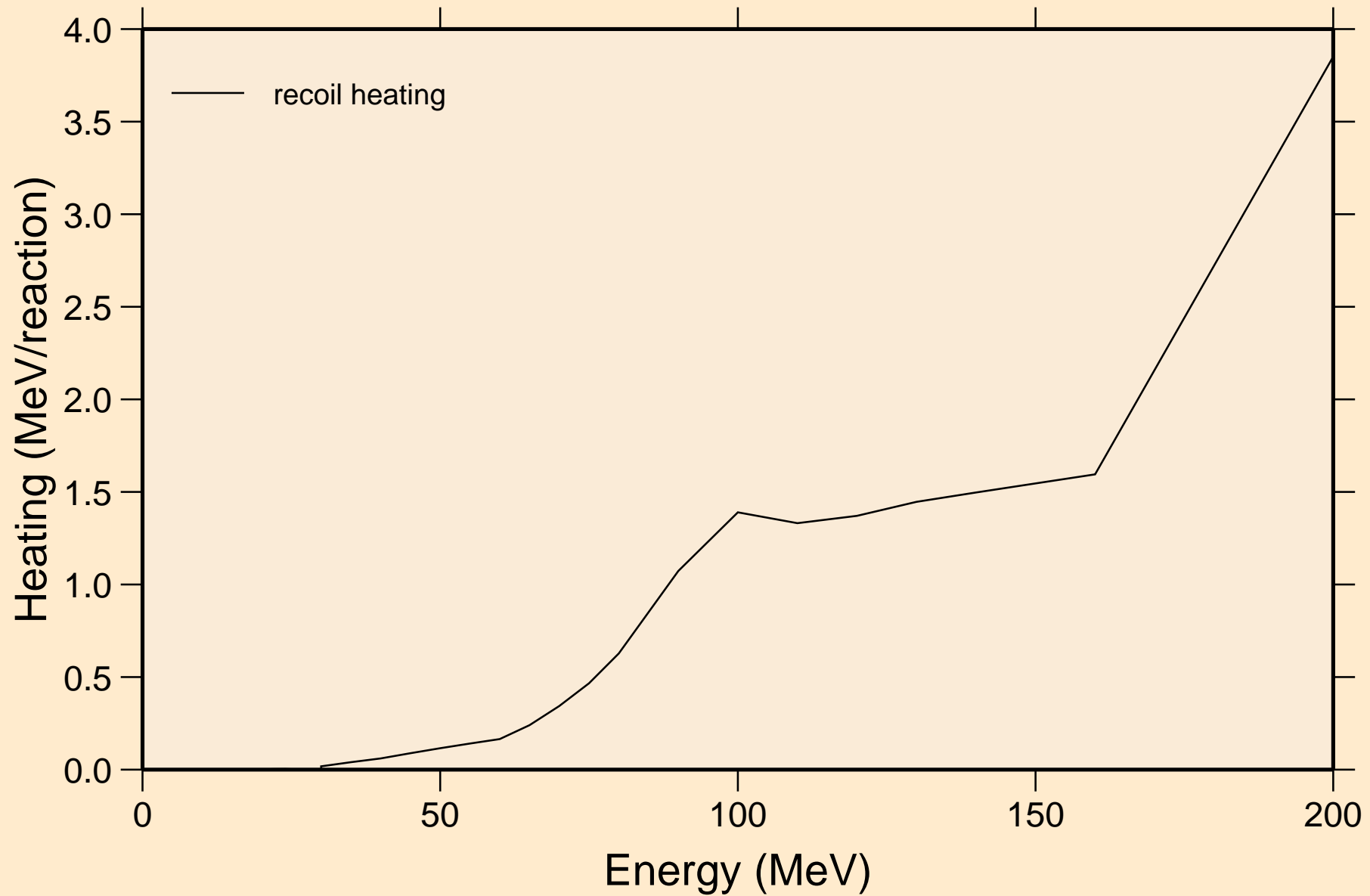


# AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K

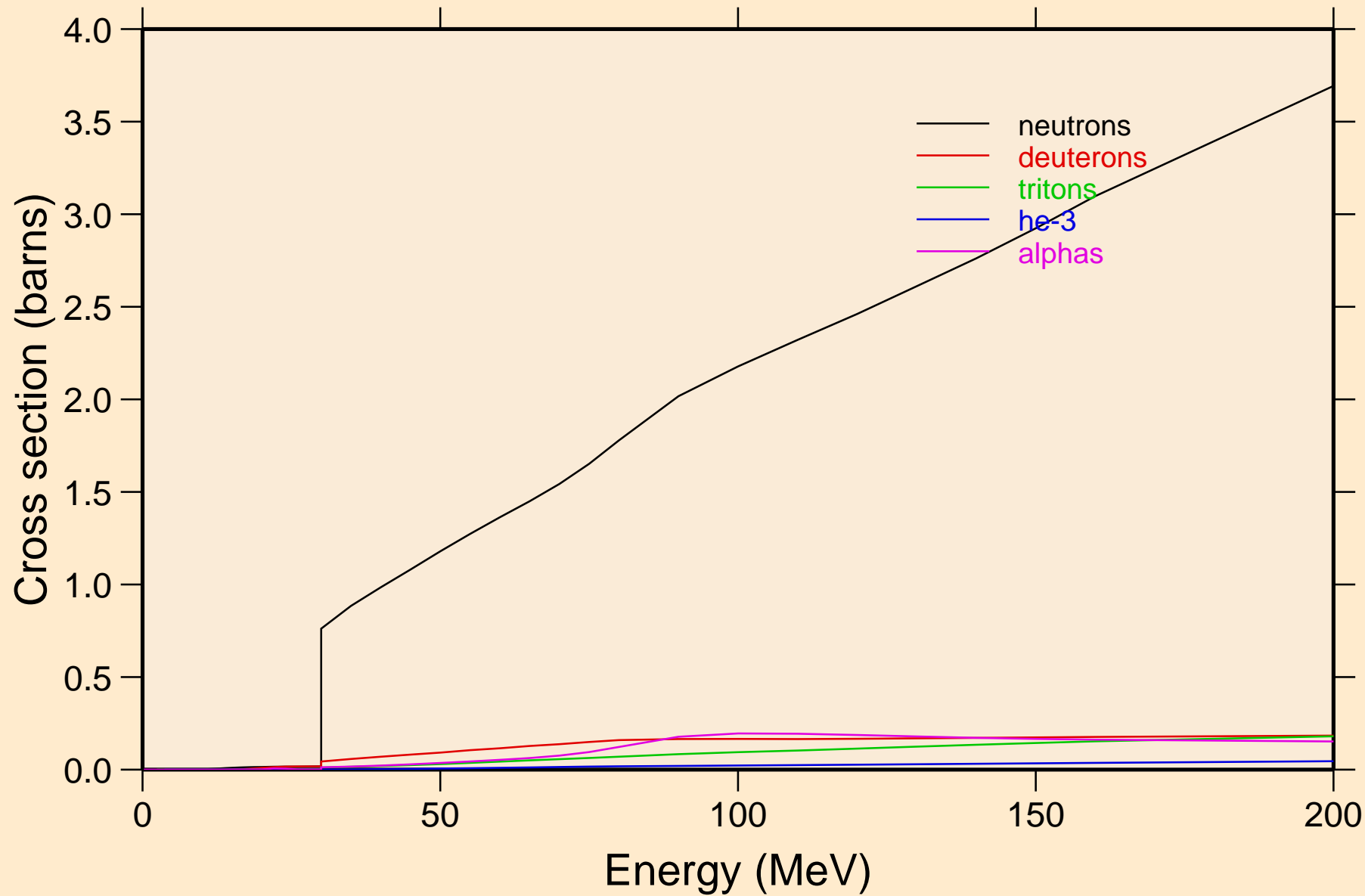
## Particle heating contributions



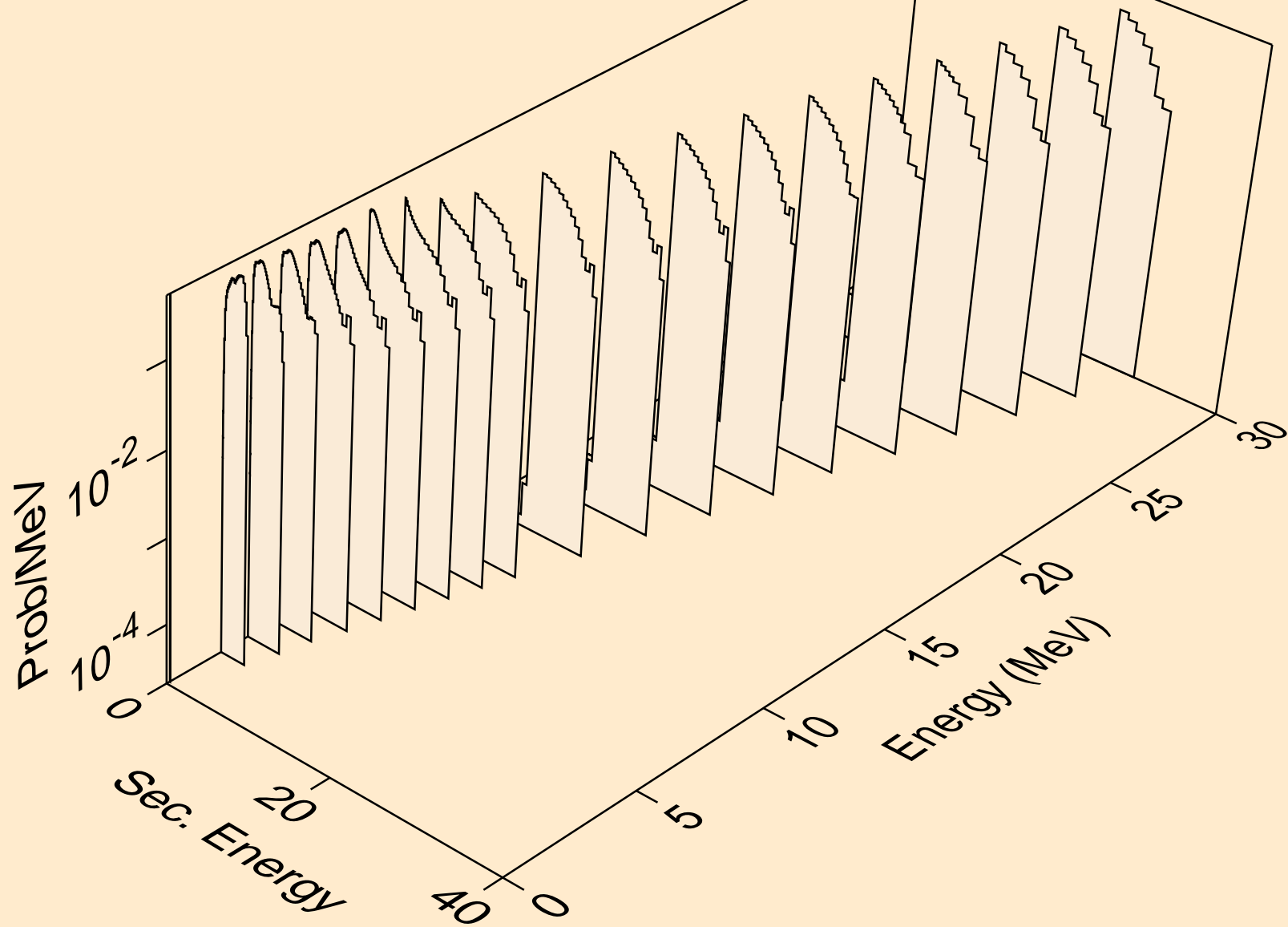
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



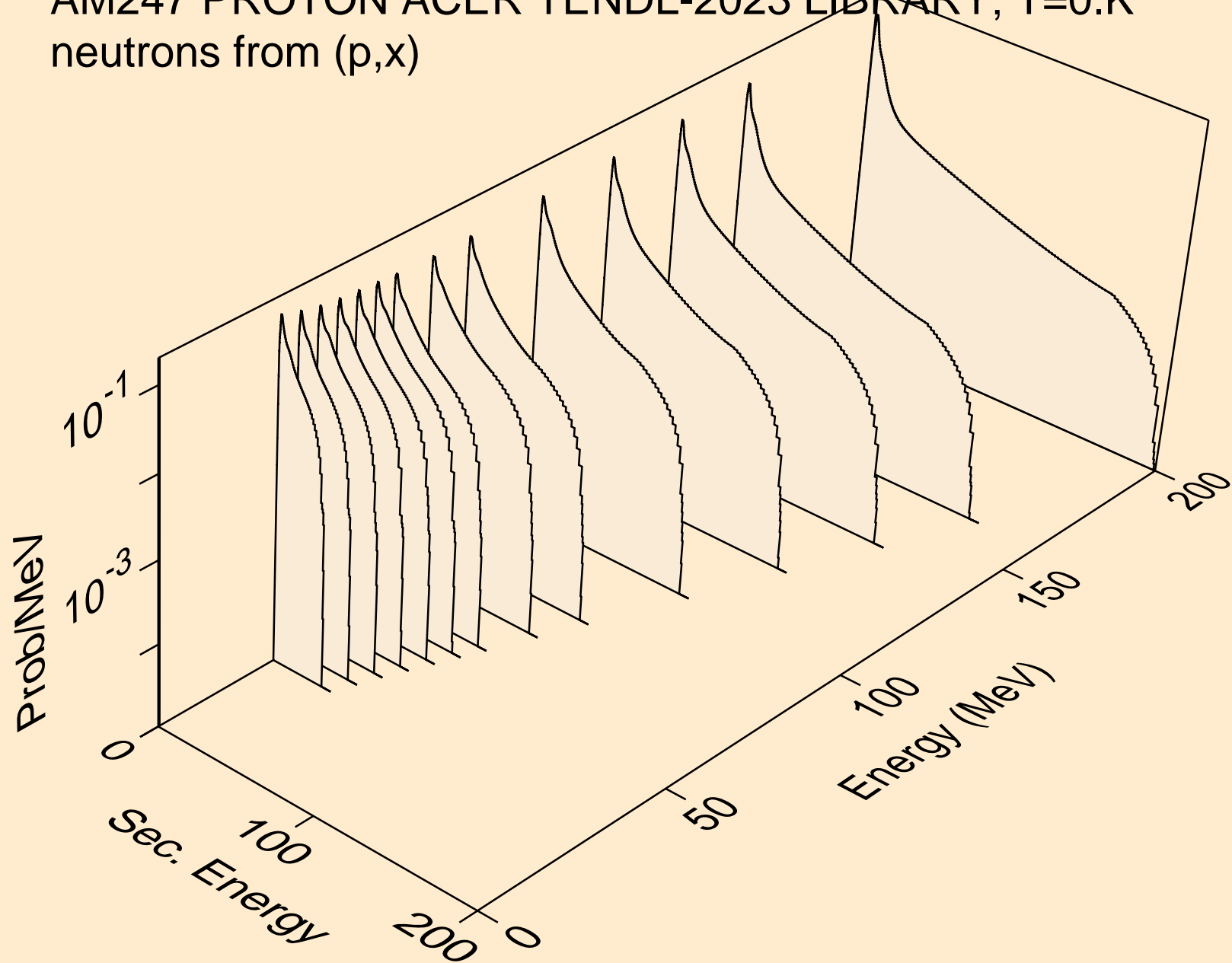
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



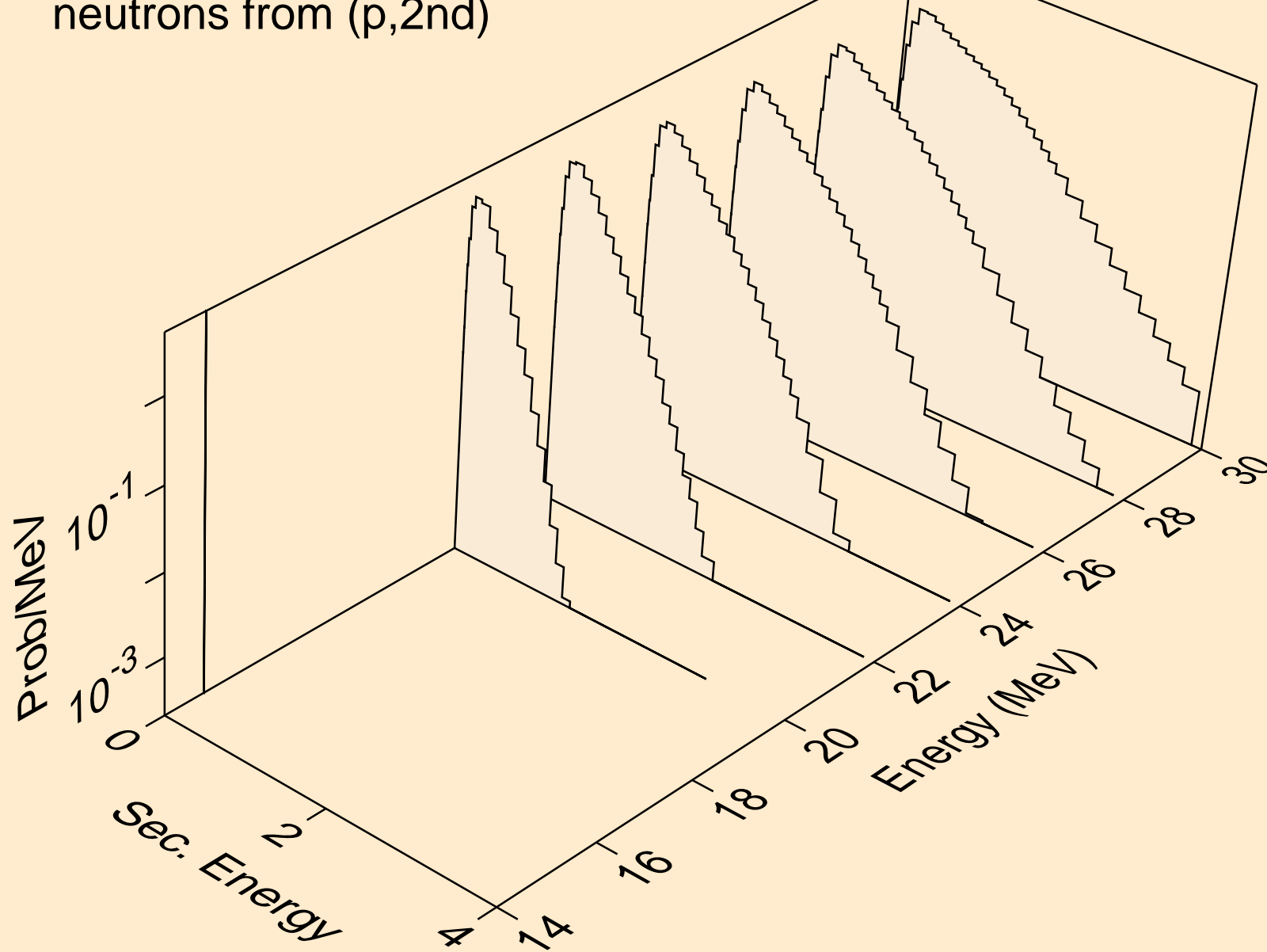
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



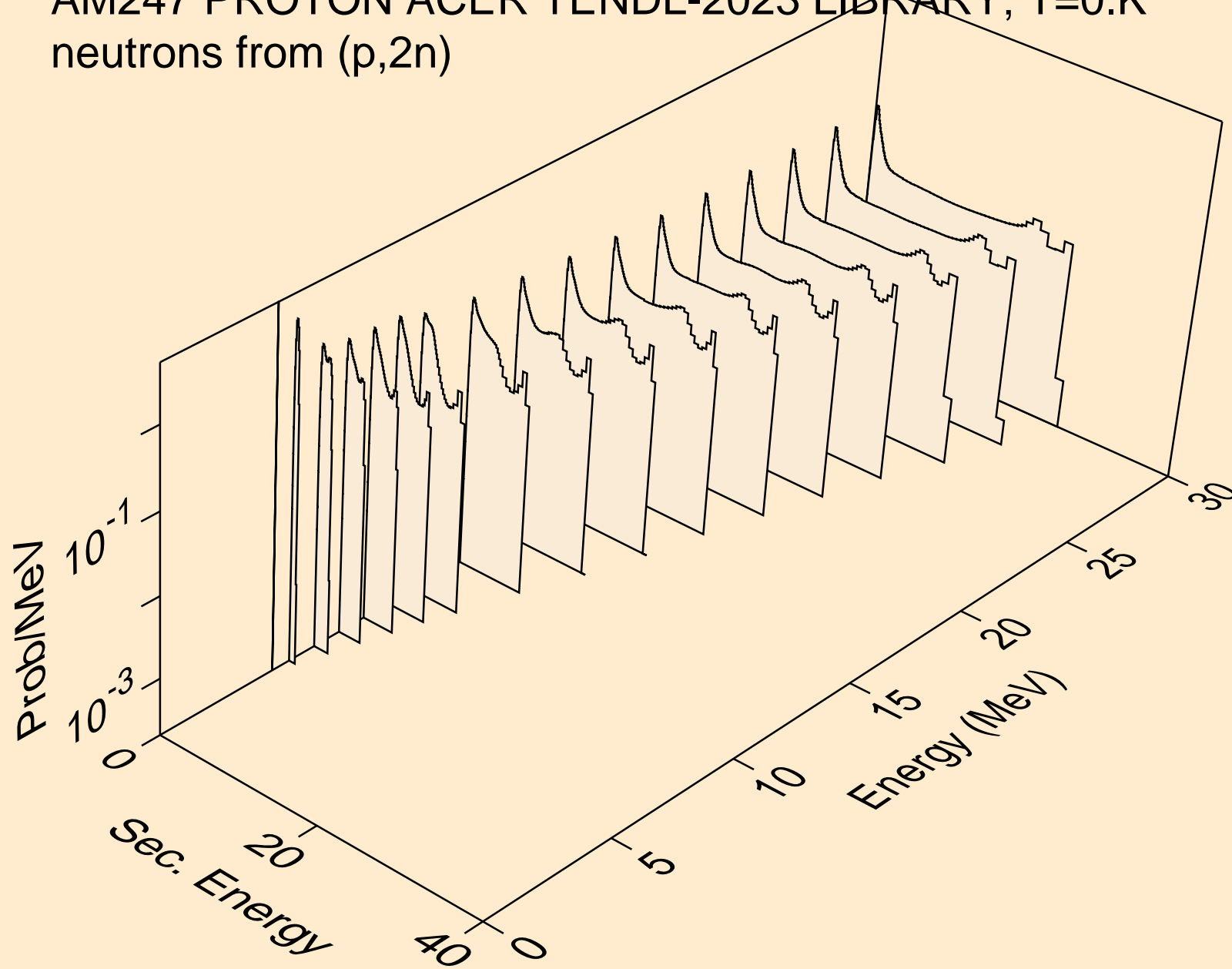
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



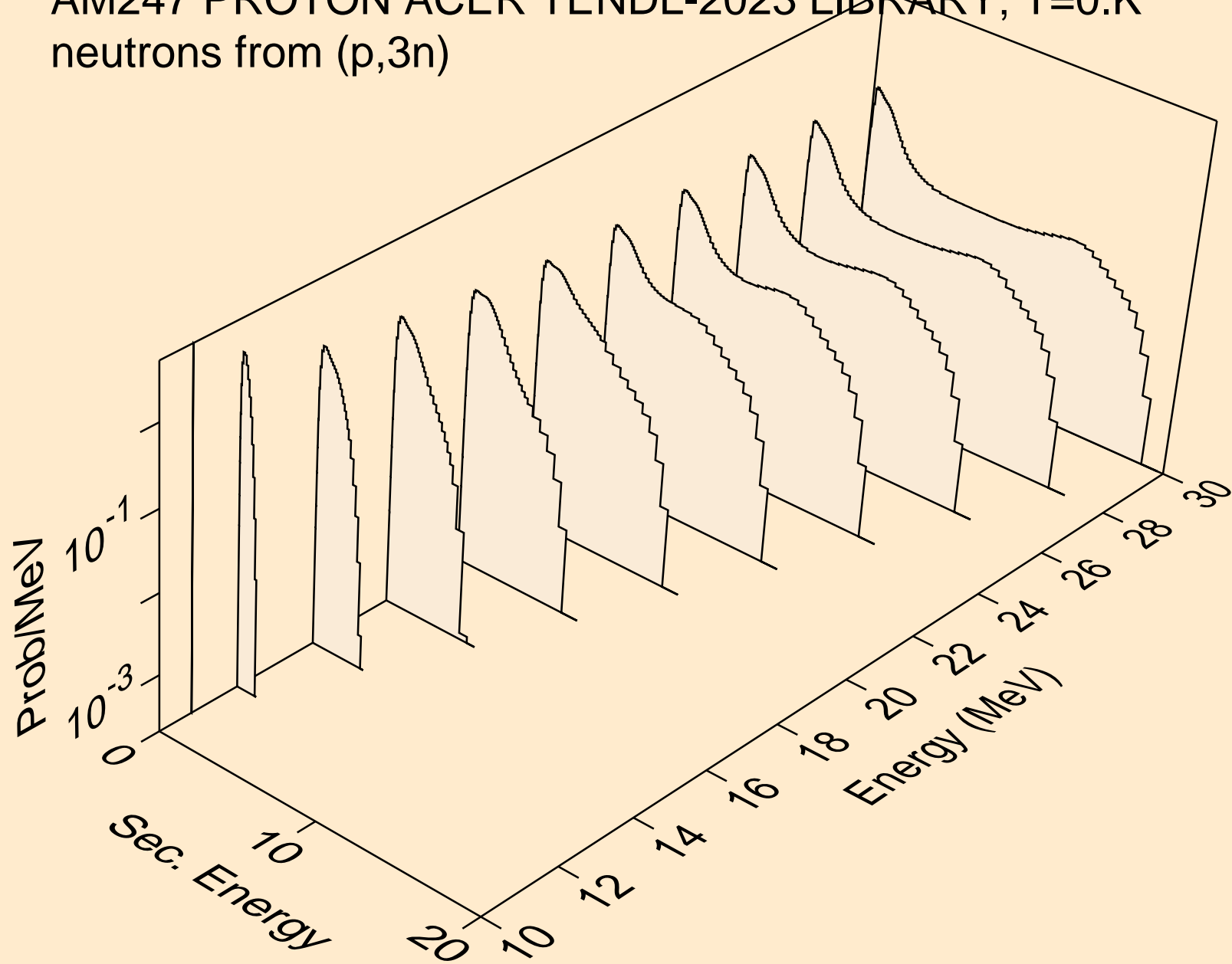
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

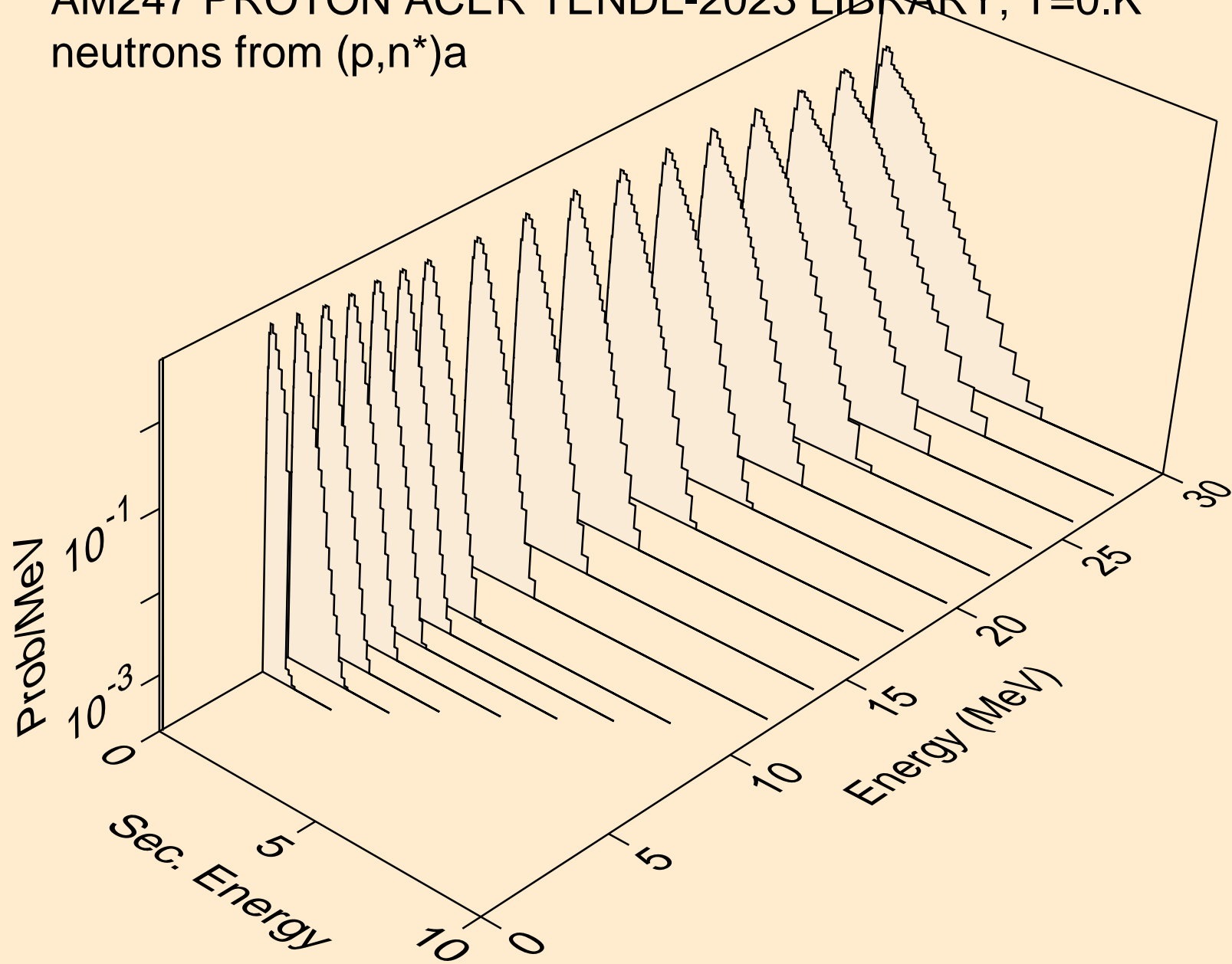


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

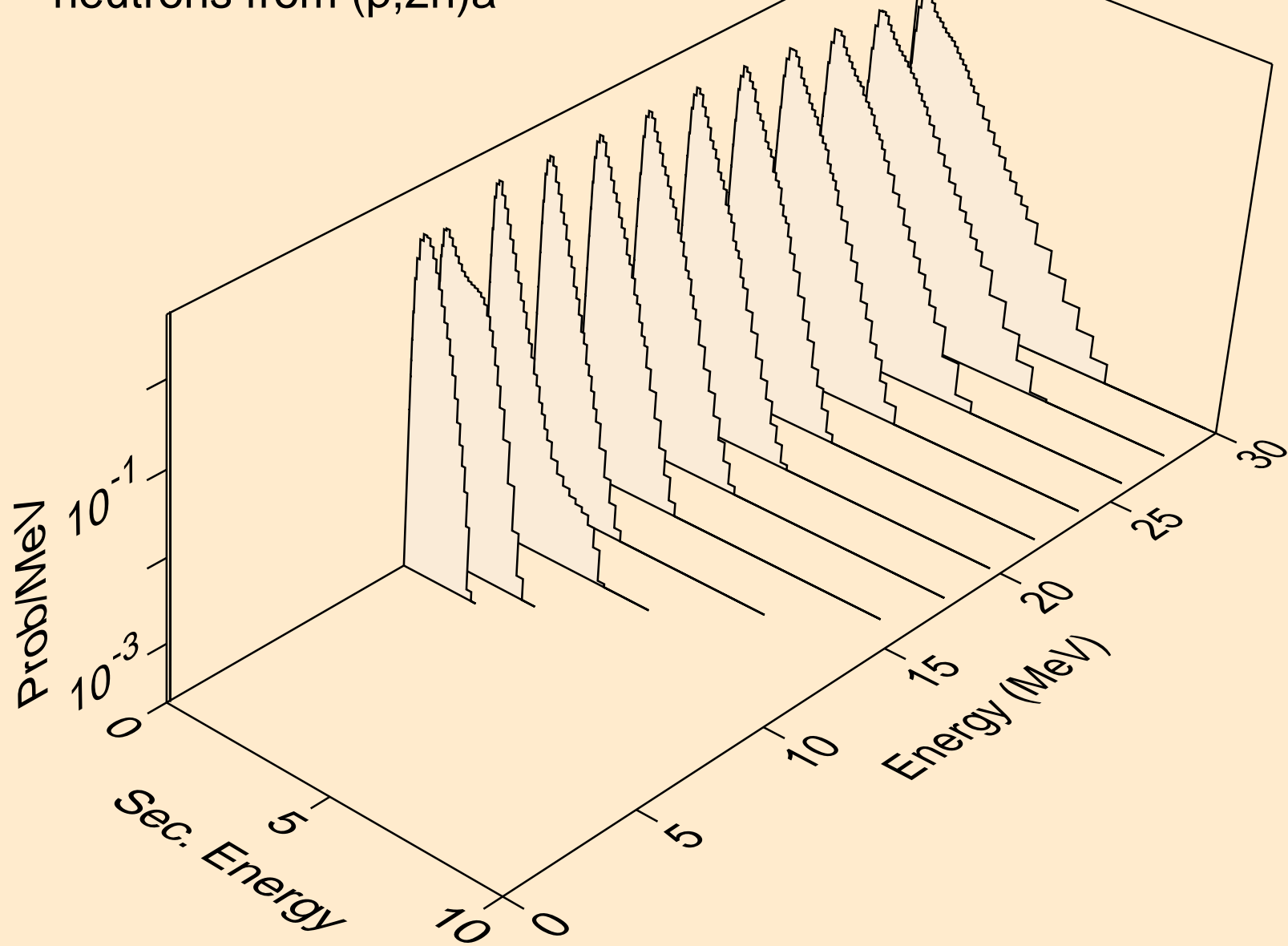




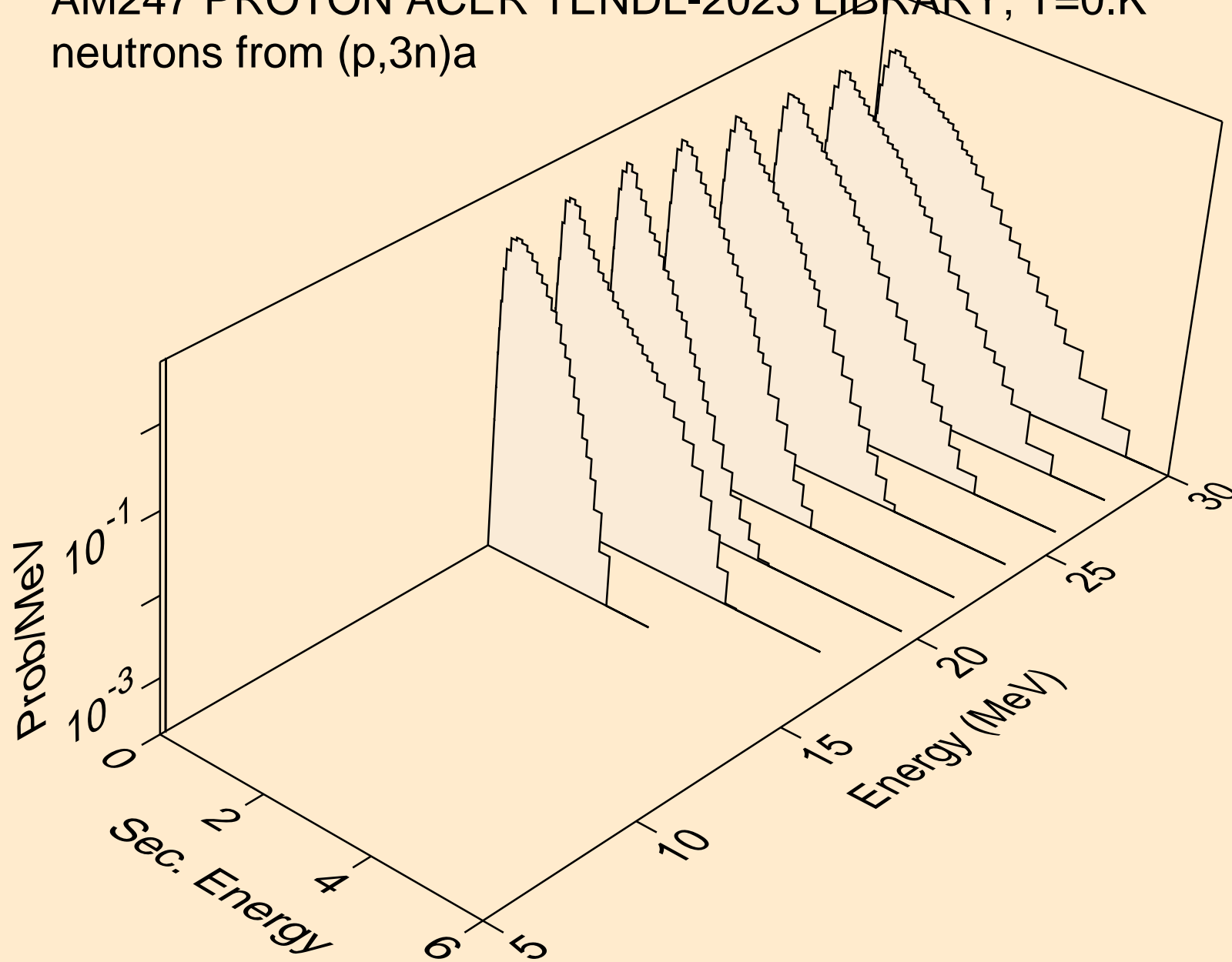
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



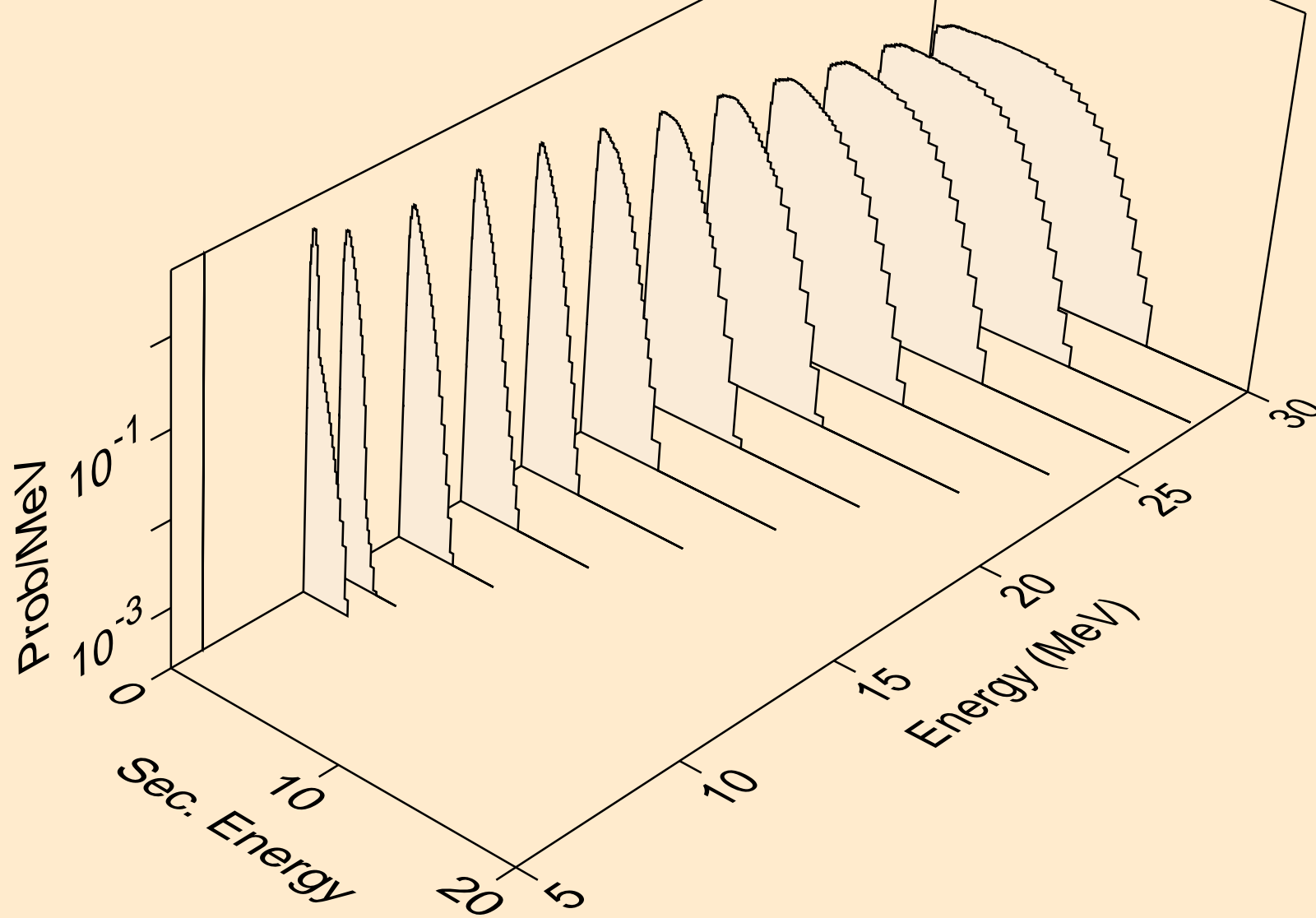
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



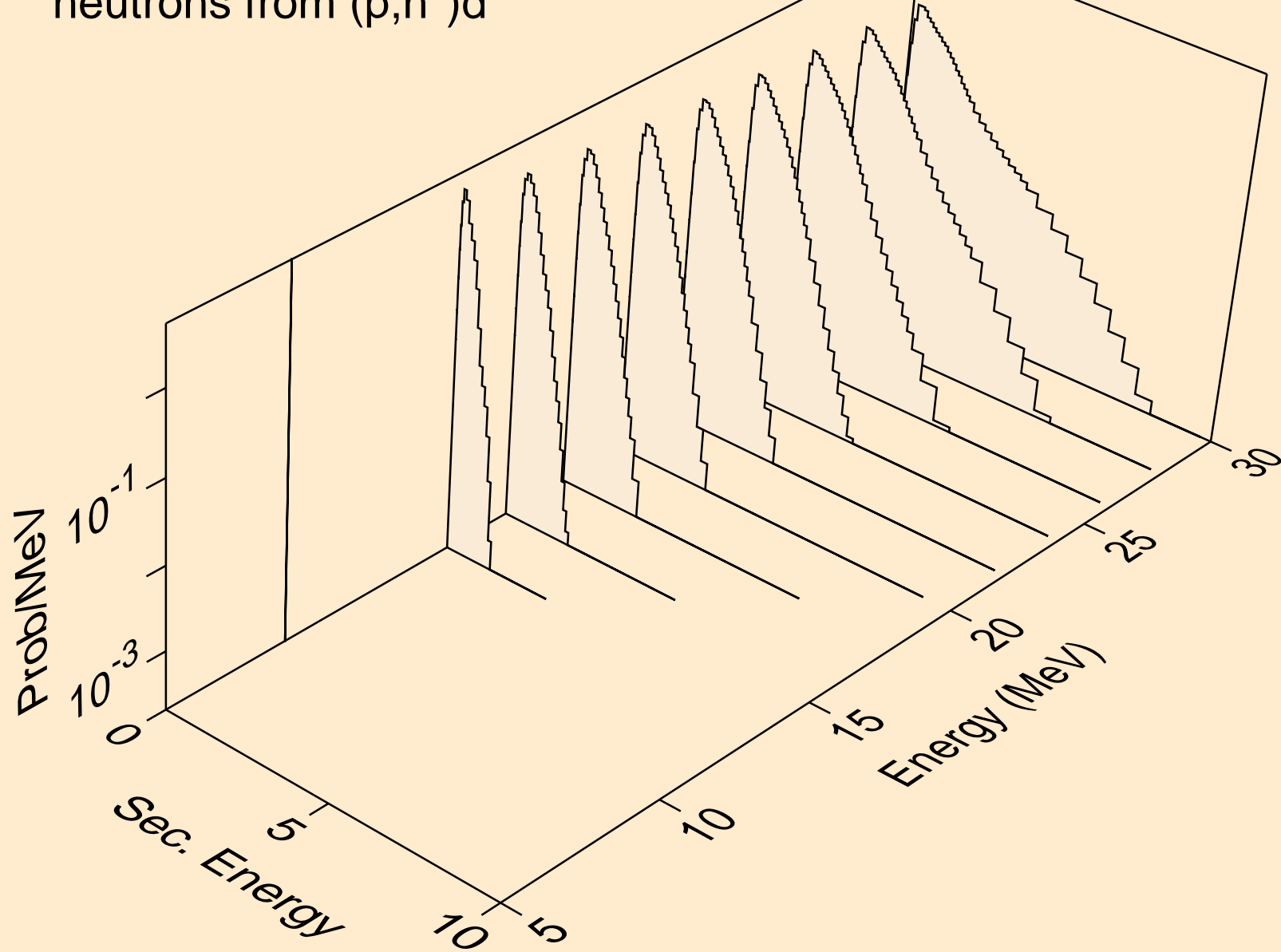
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



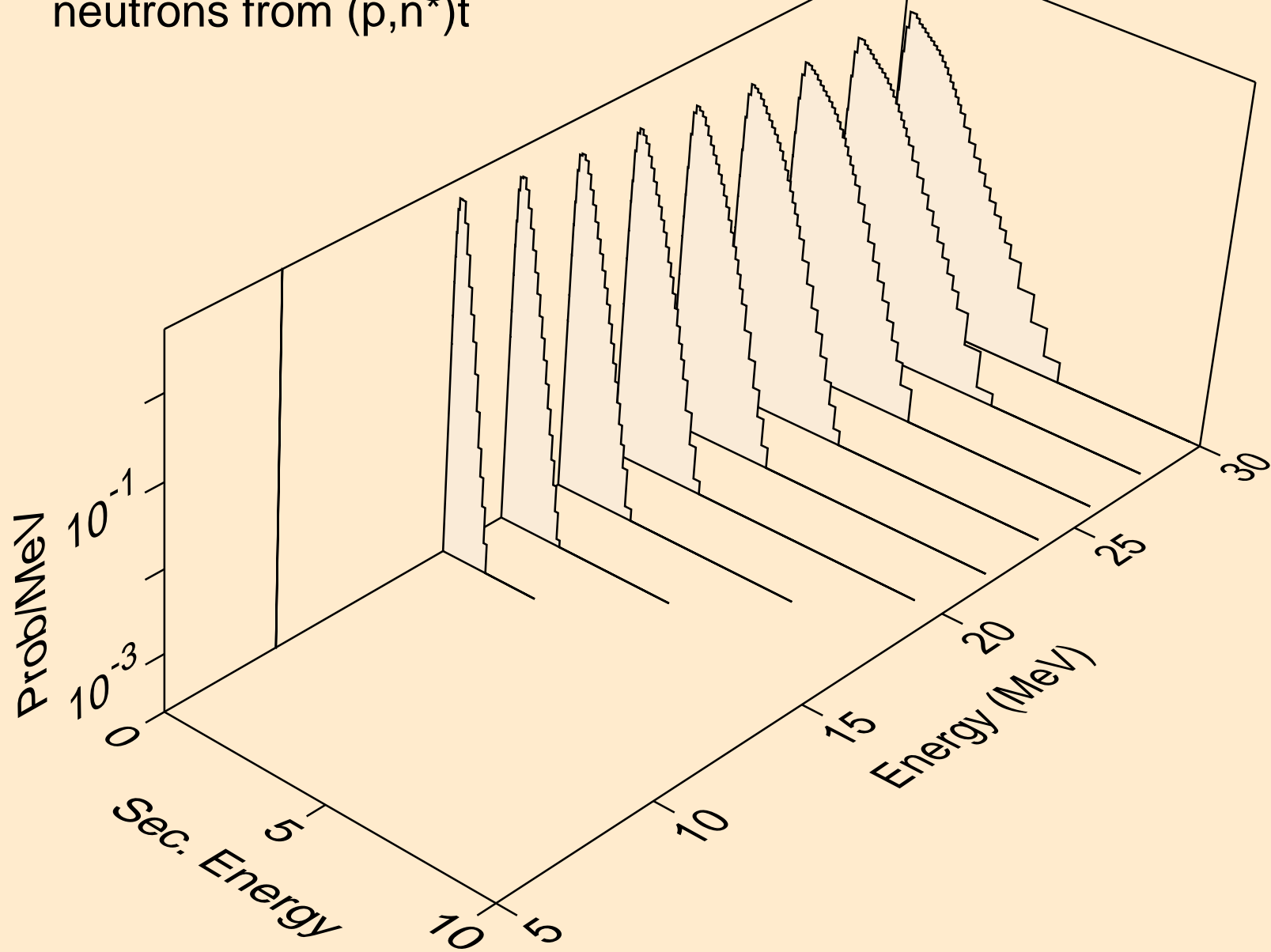
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



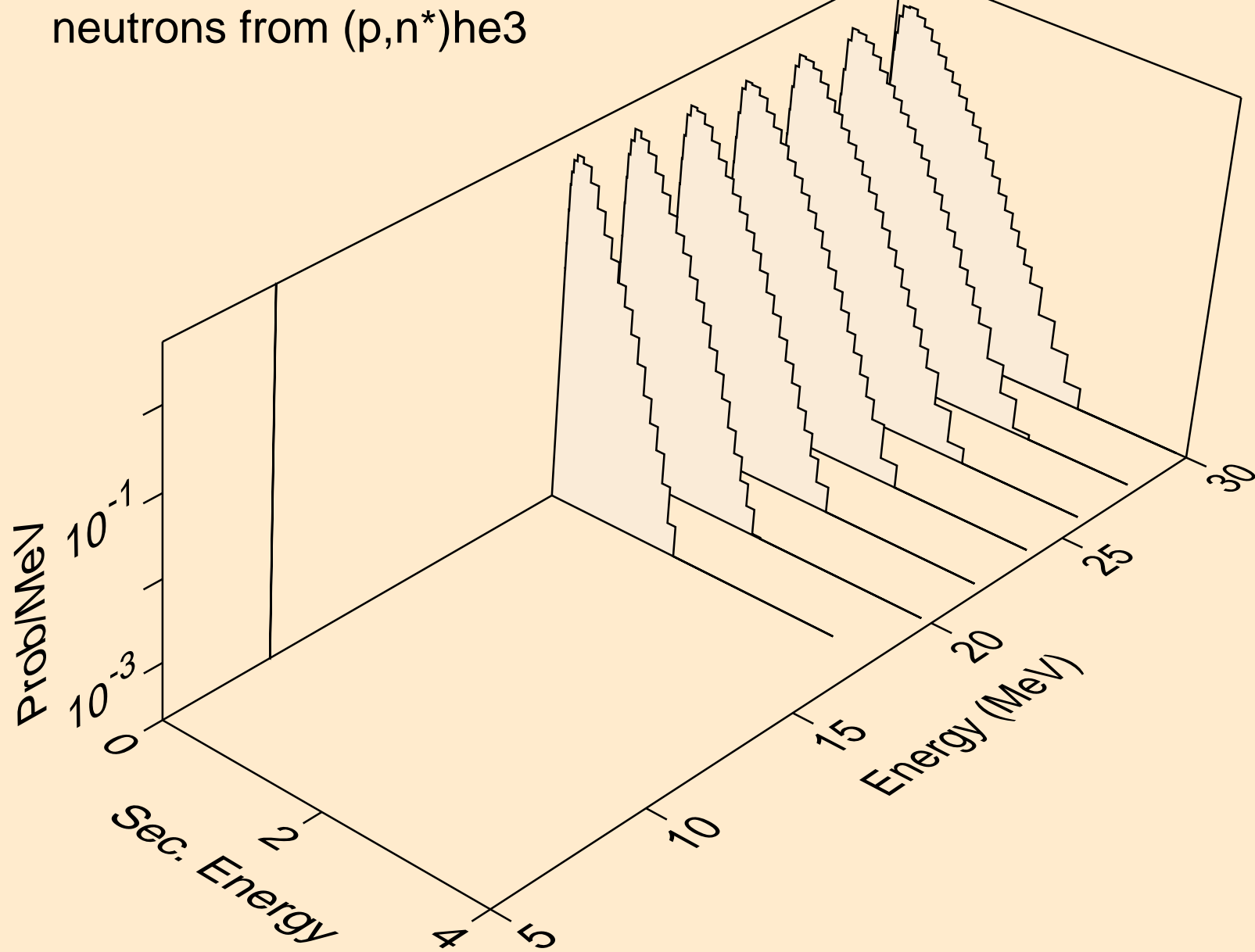
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



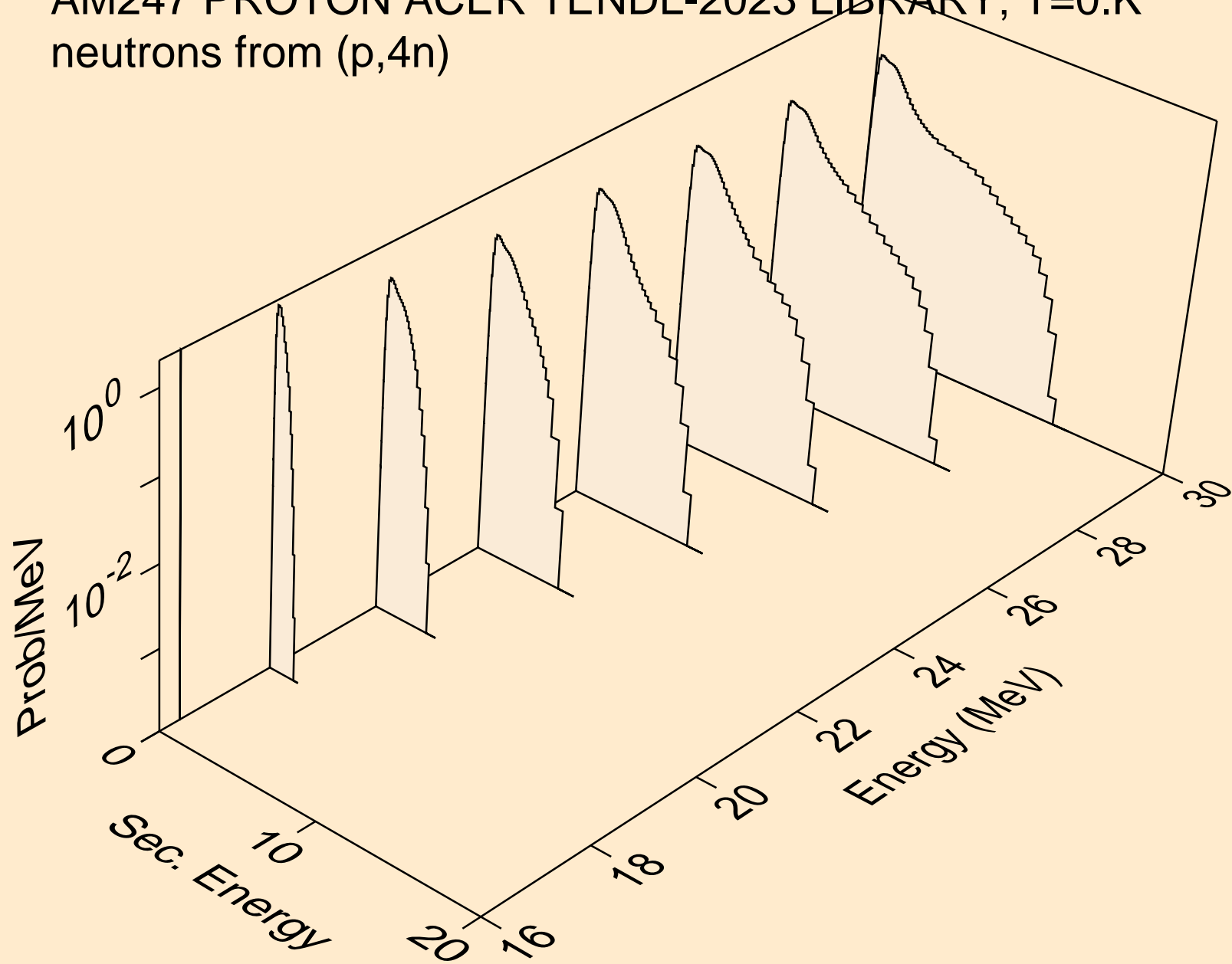
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

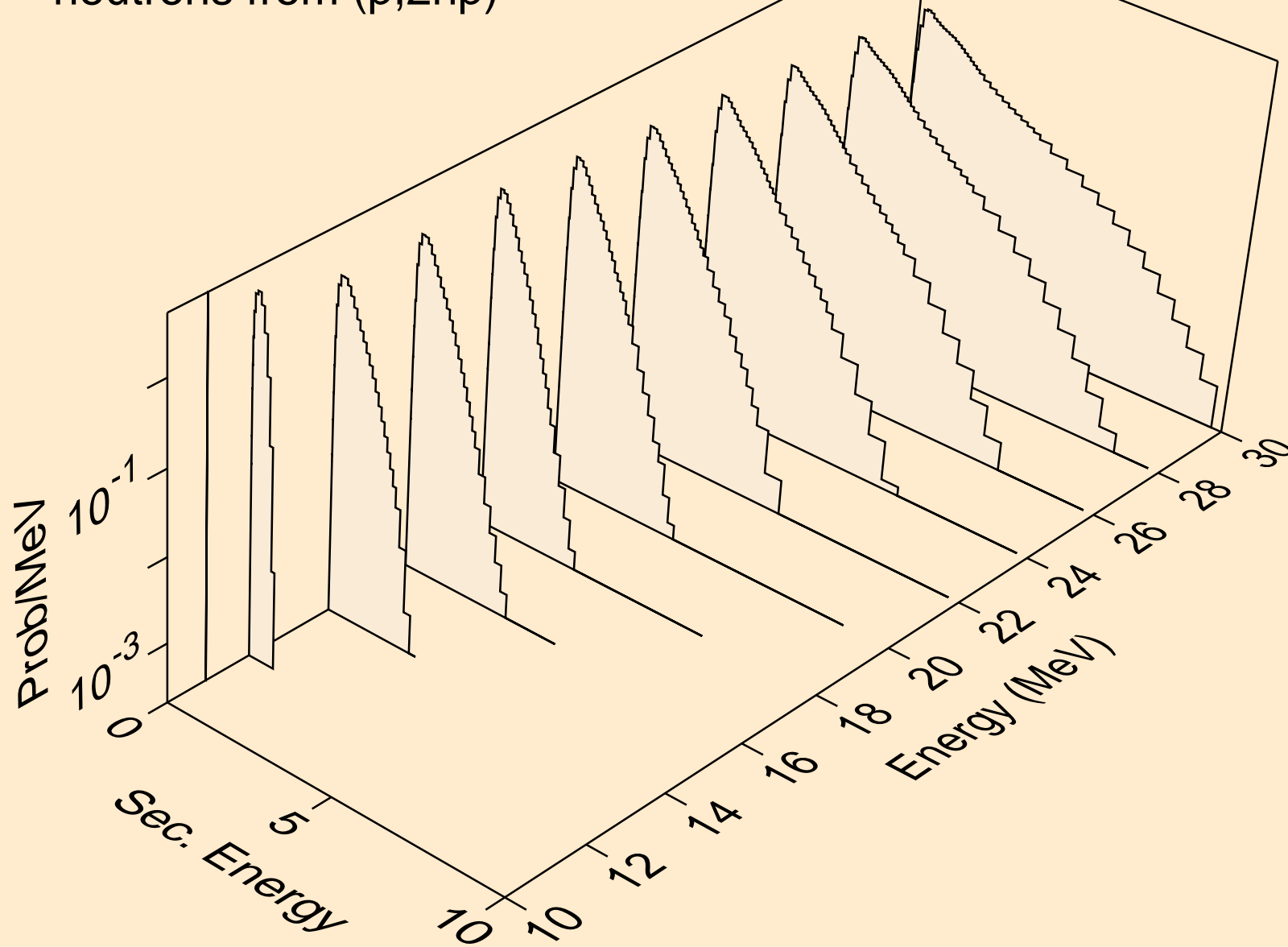


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

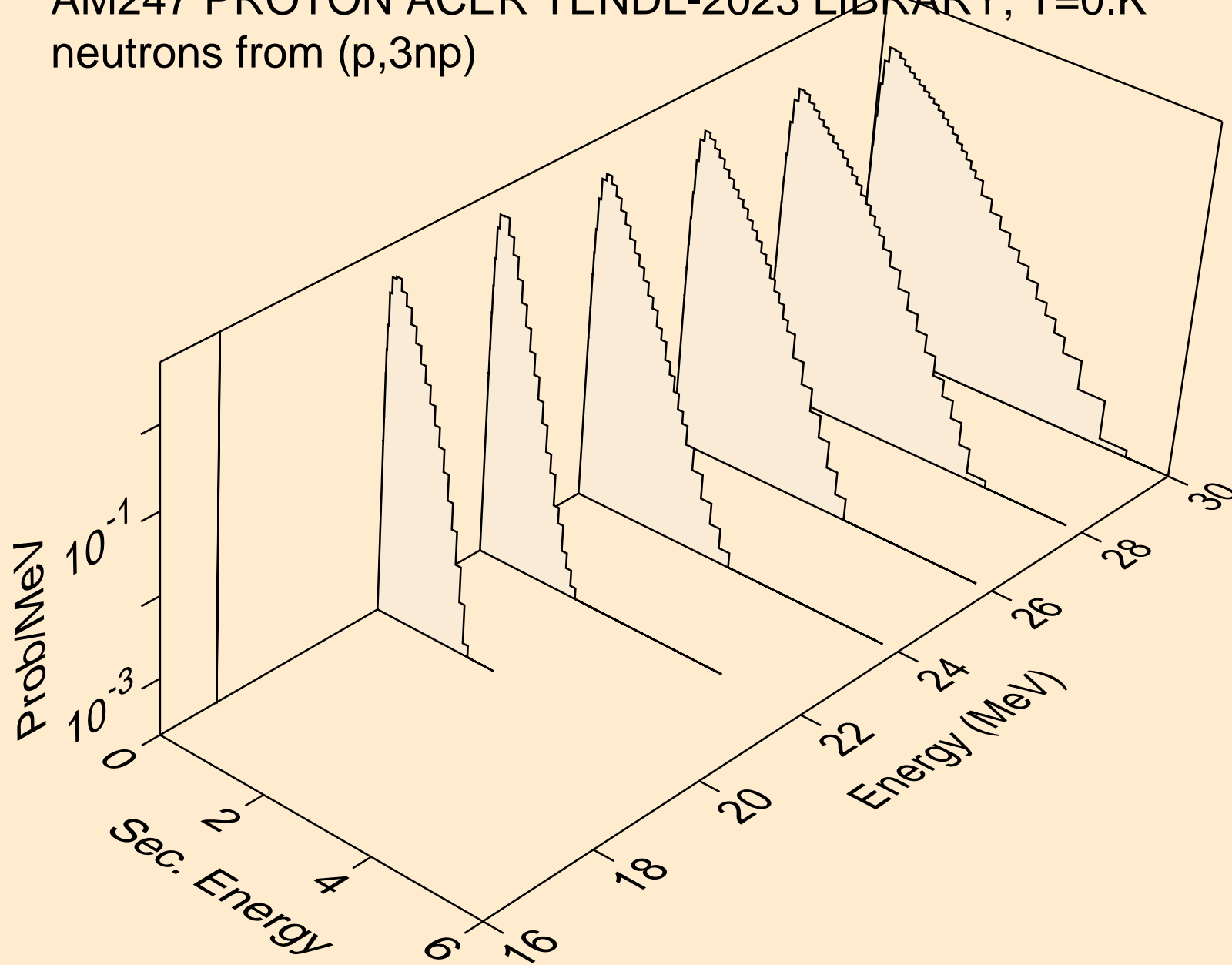




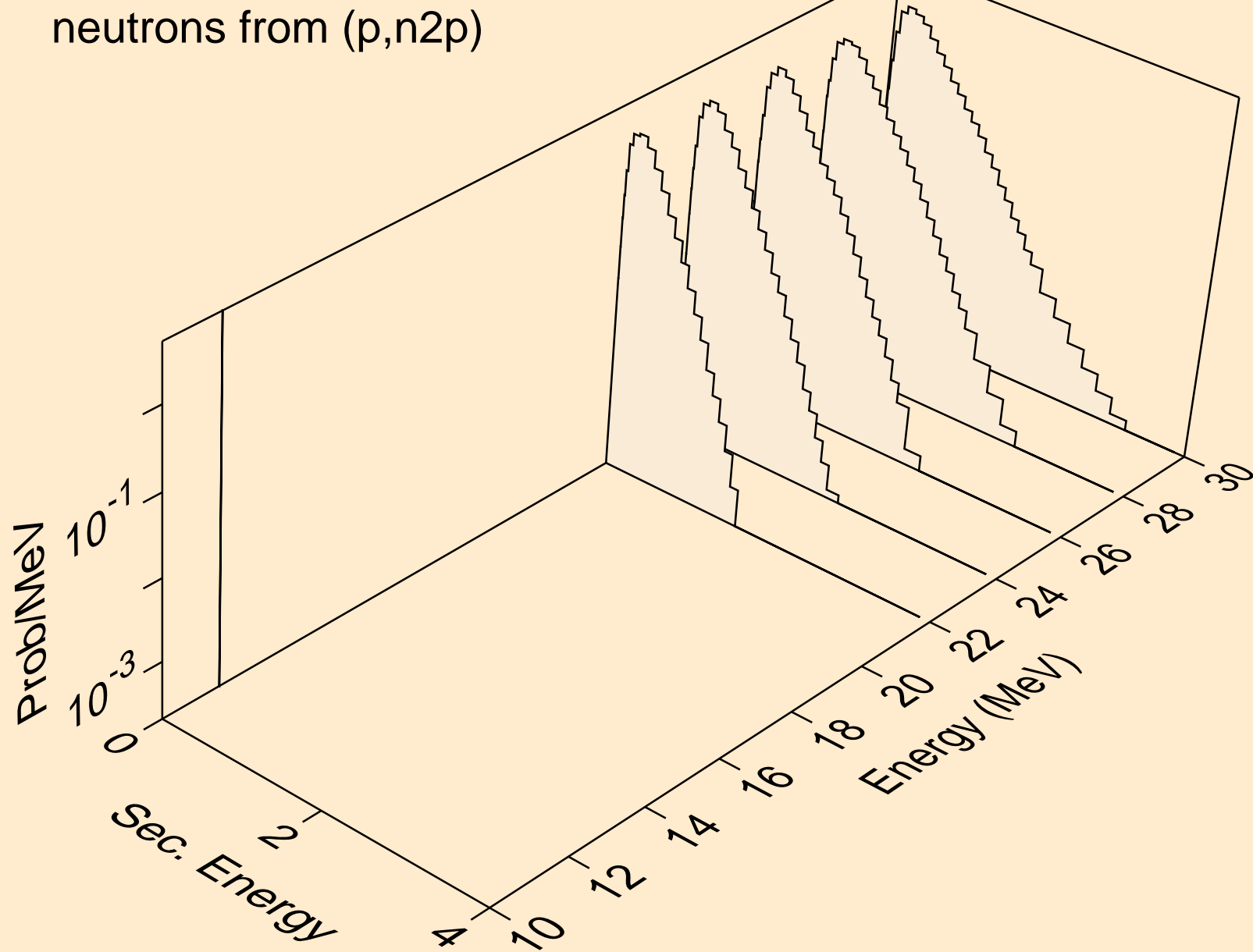
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



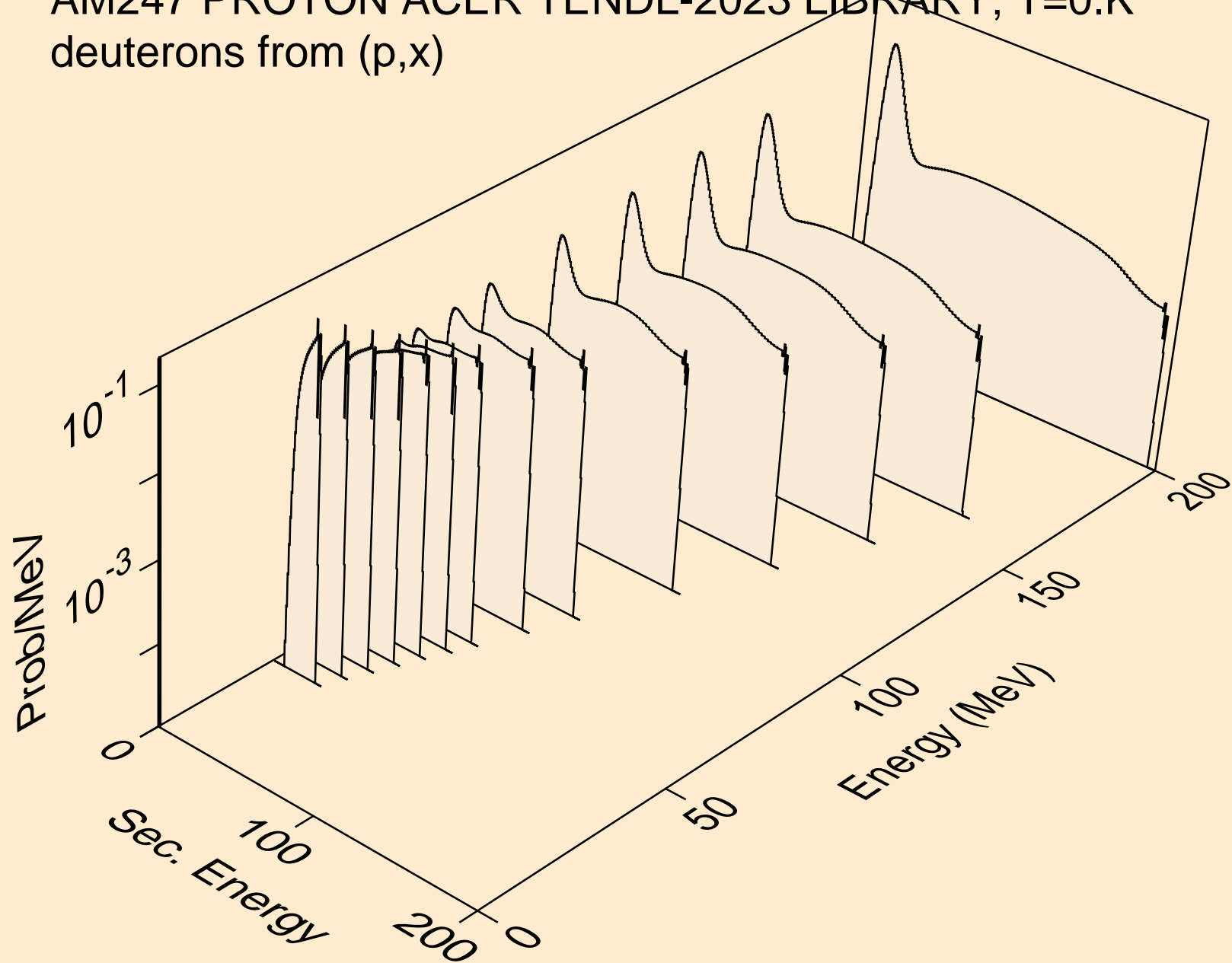
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



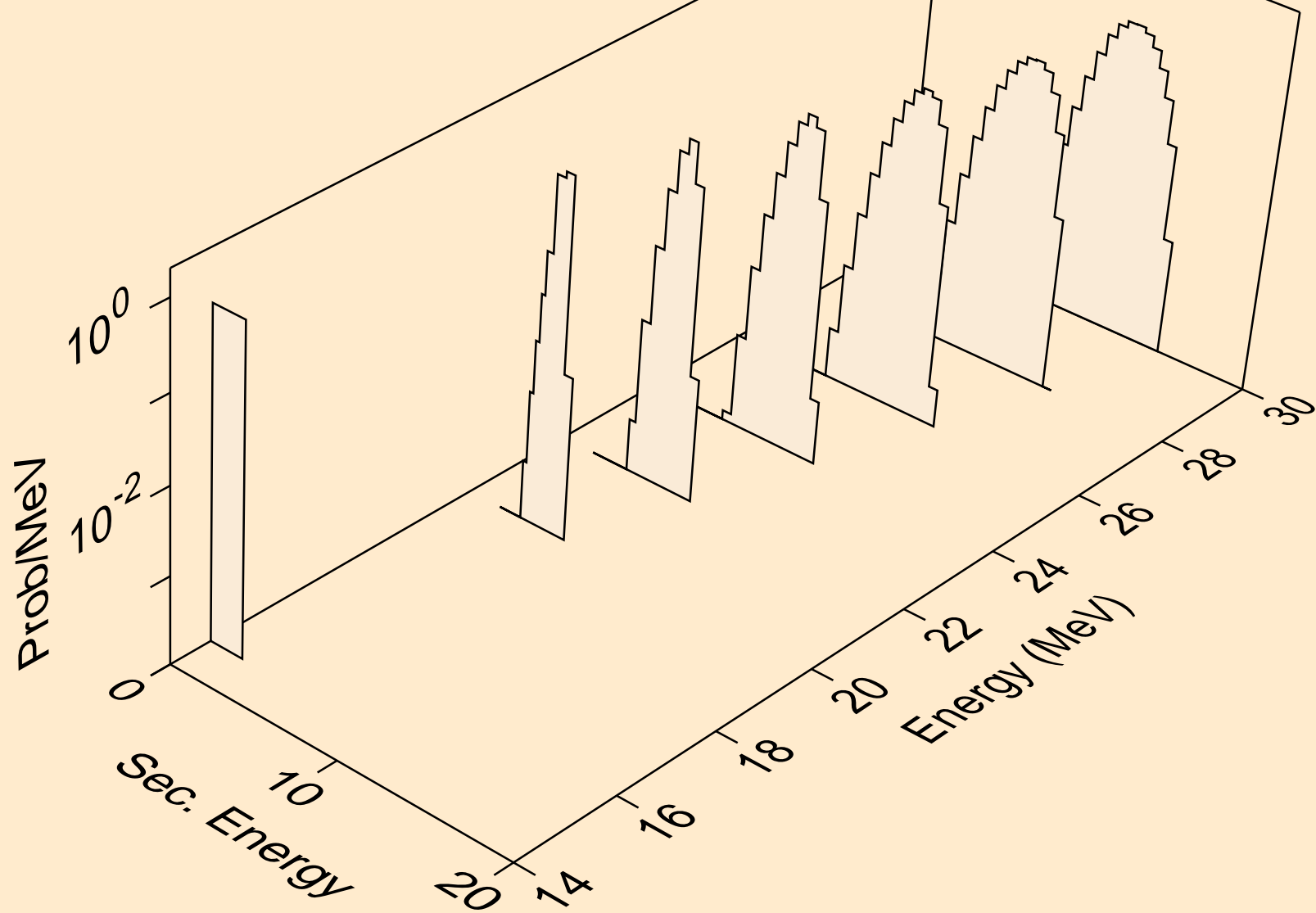
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



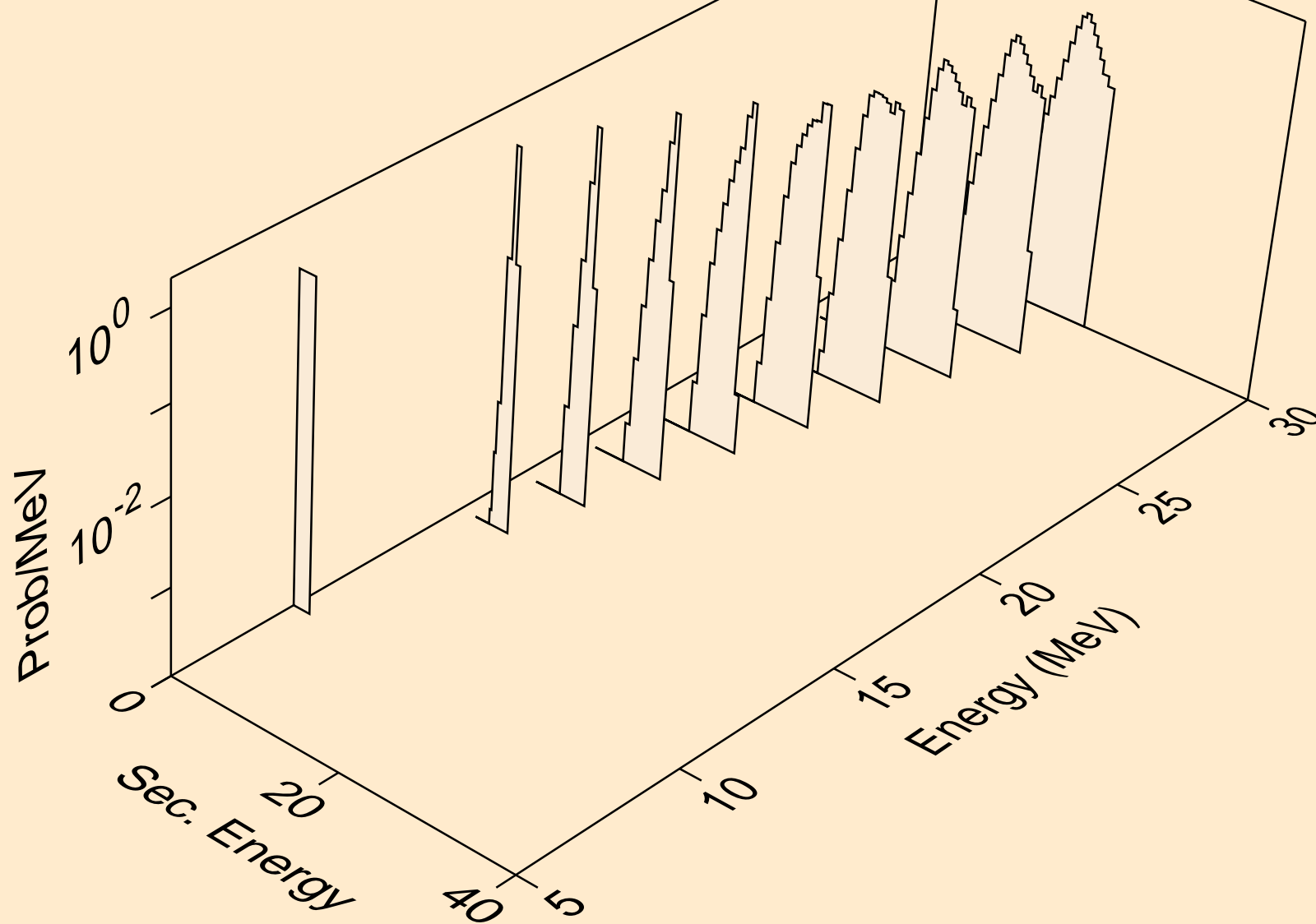
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



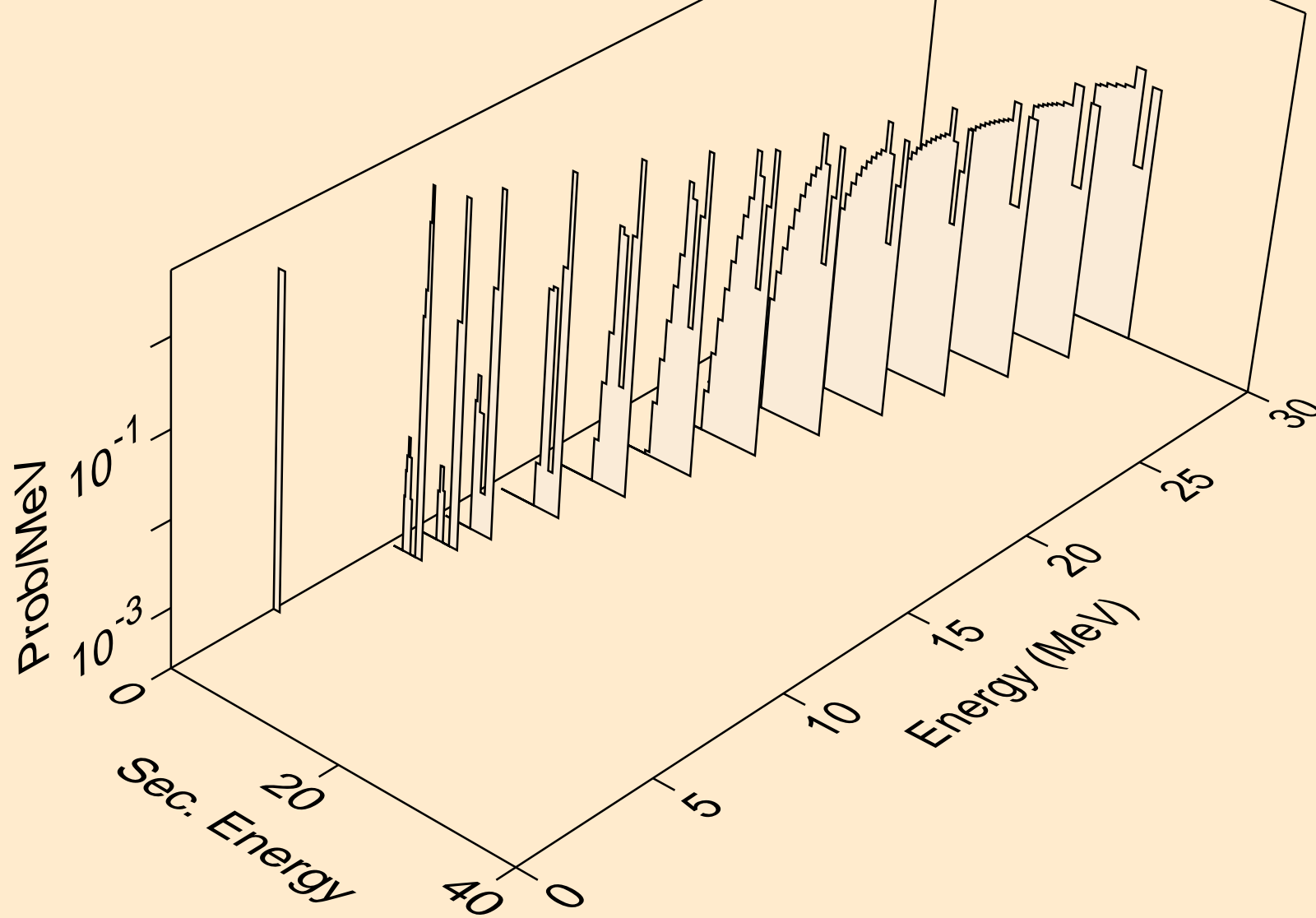
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



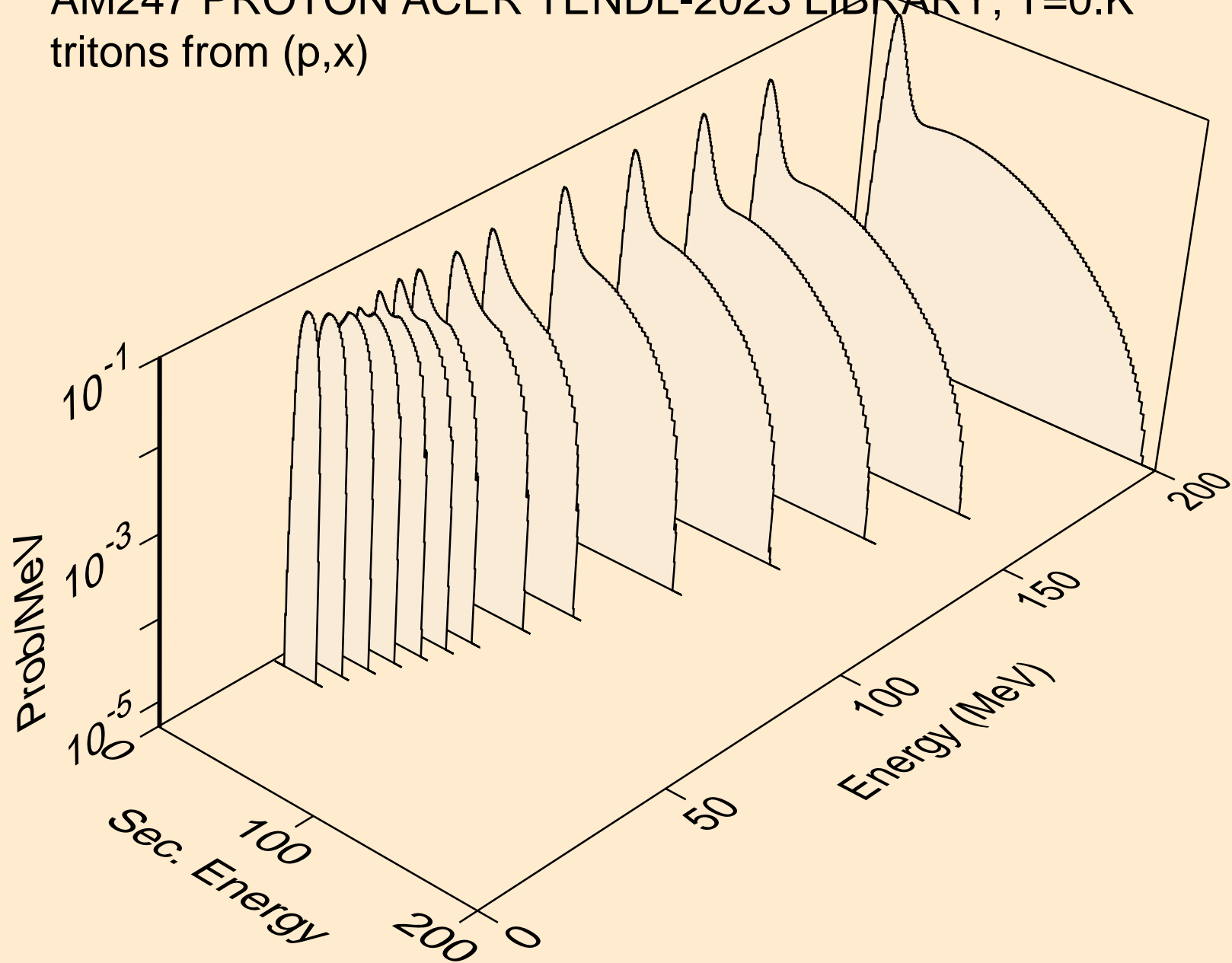
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

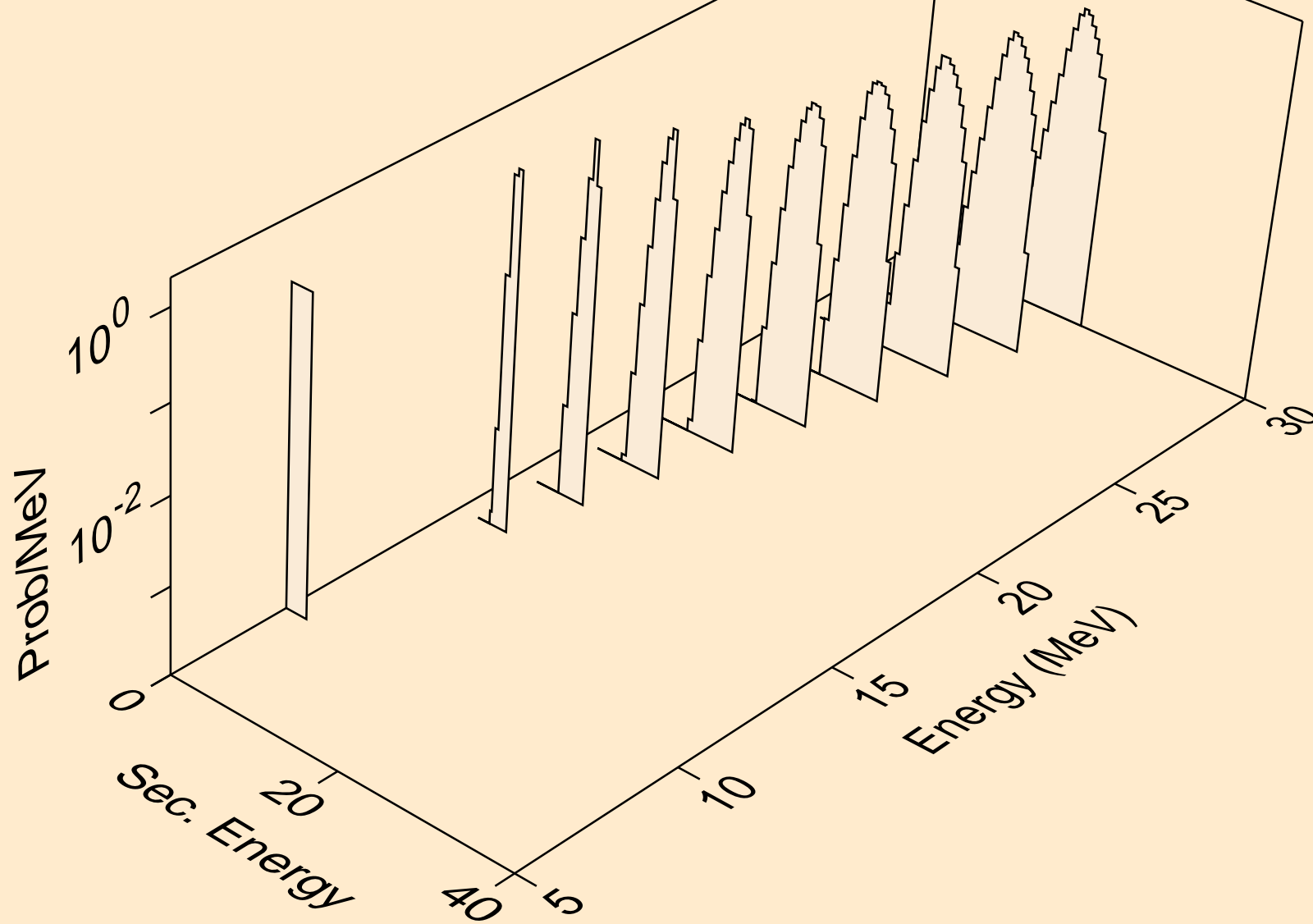


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

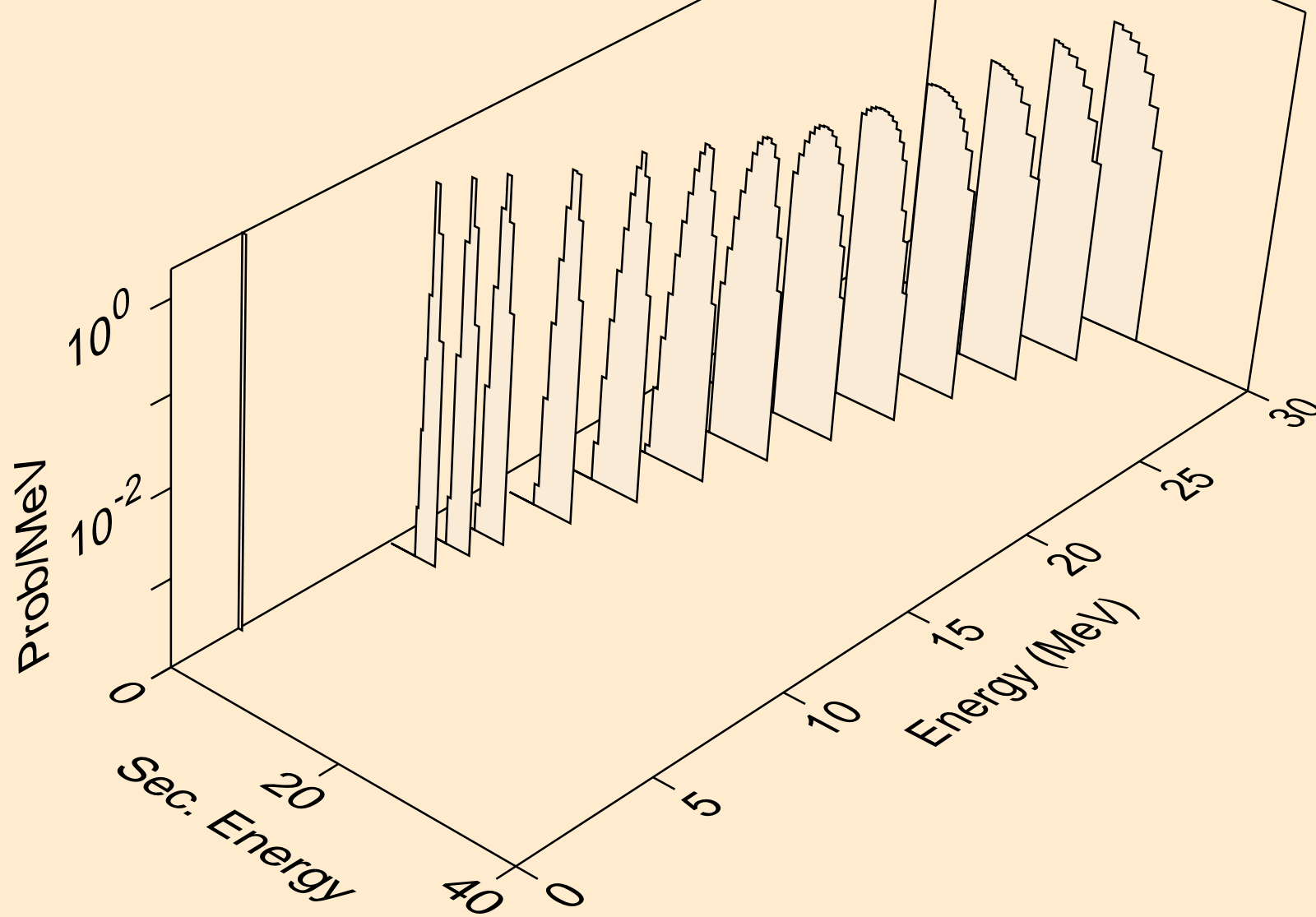




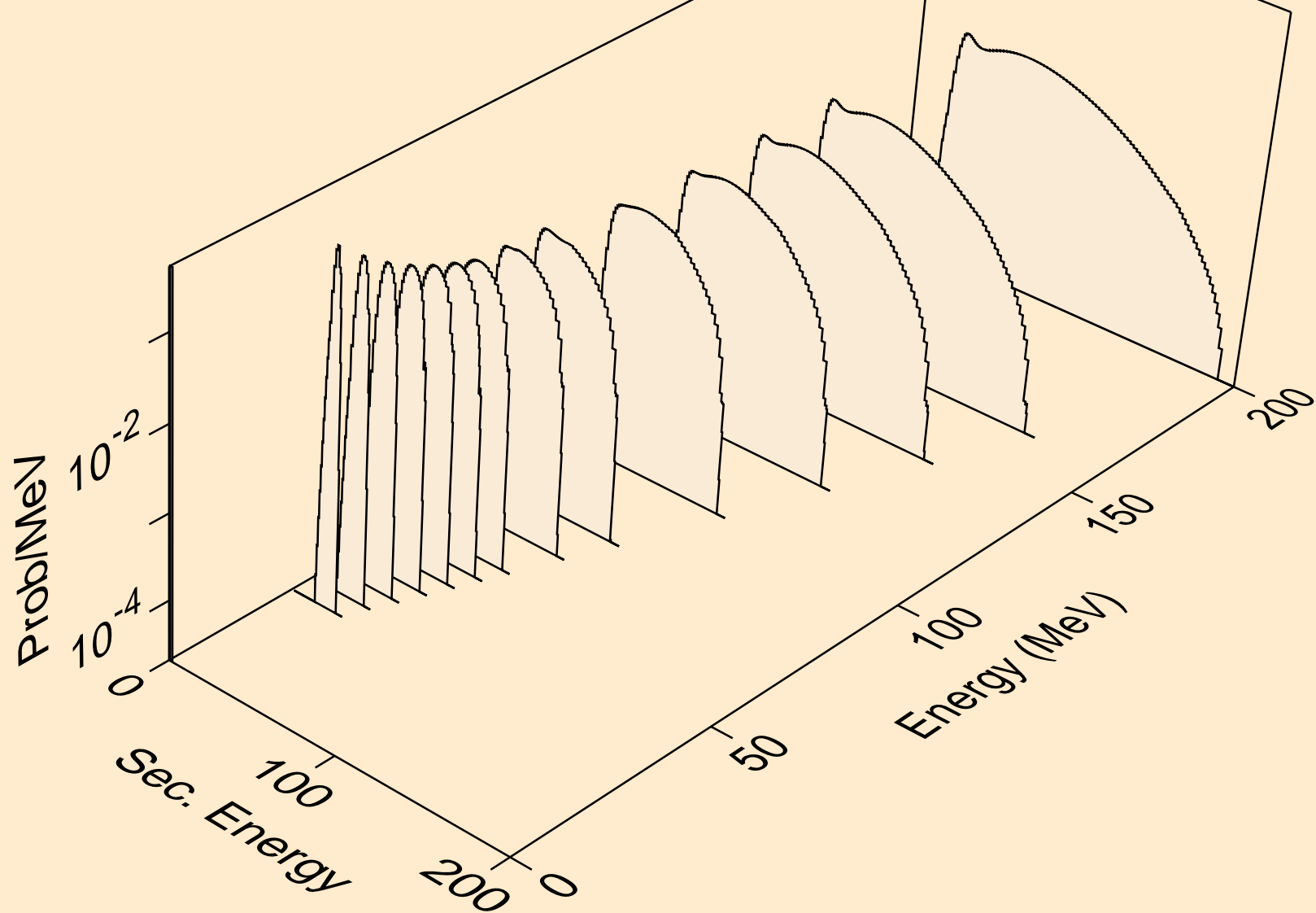
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



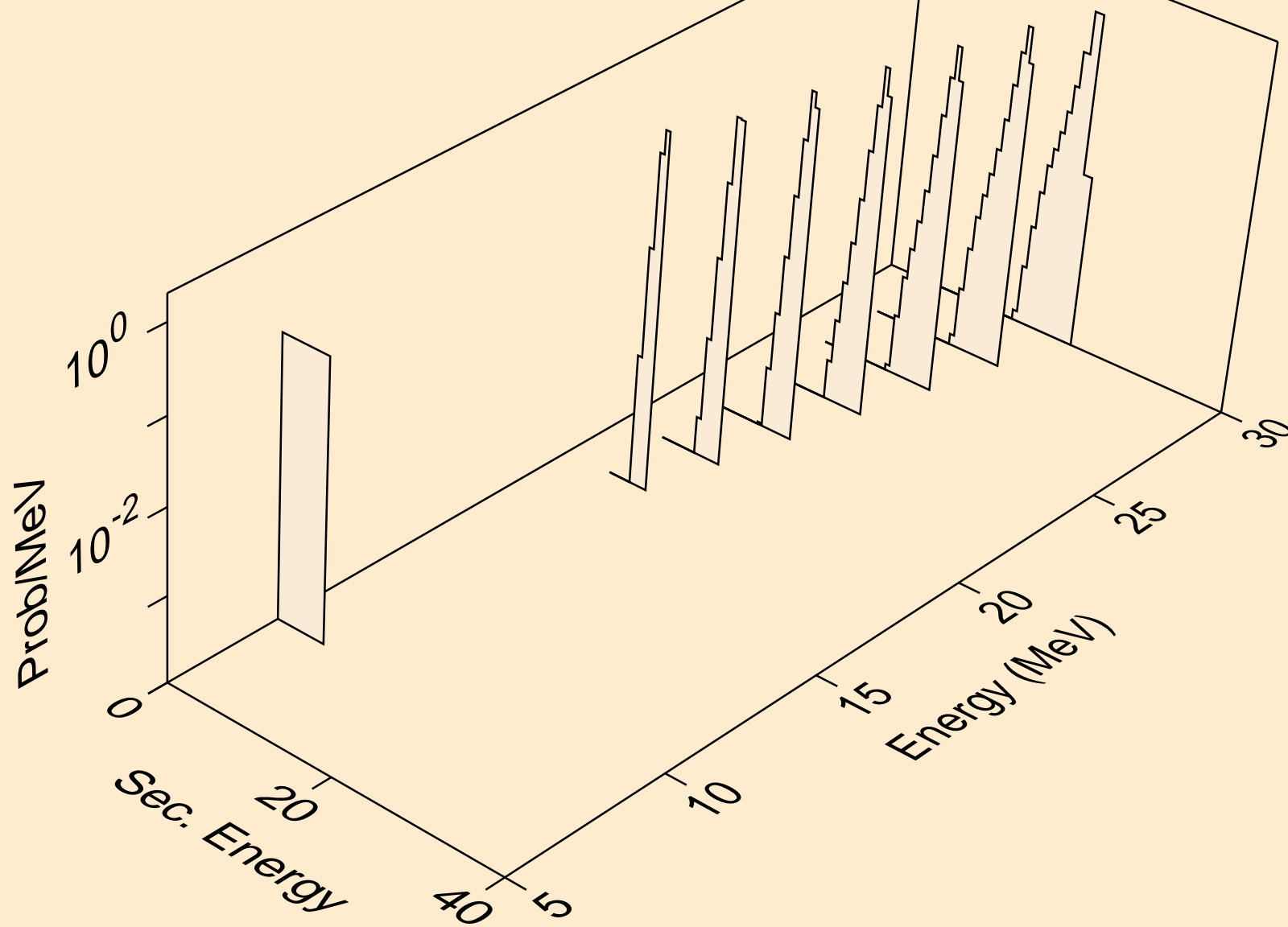
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



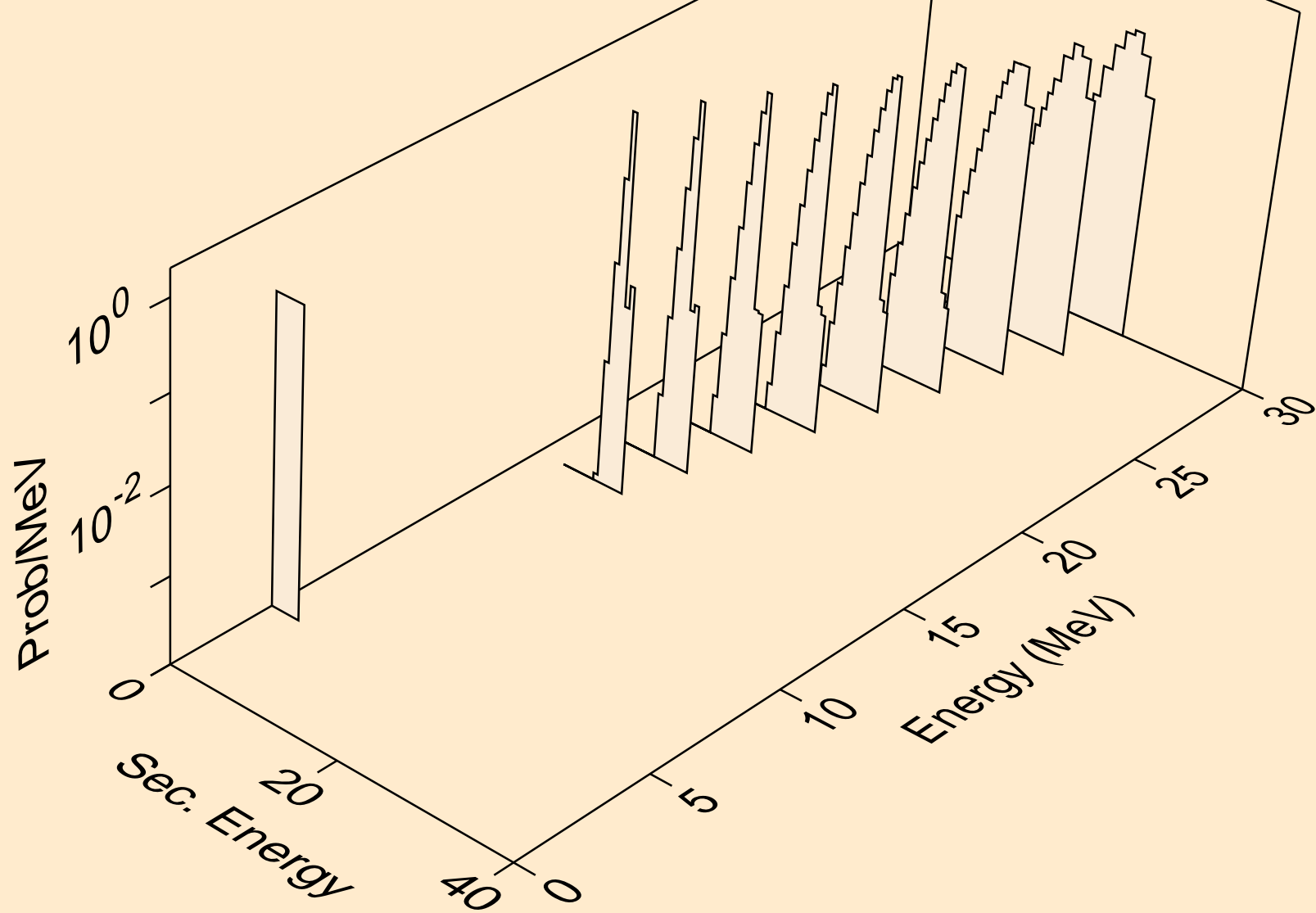
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



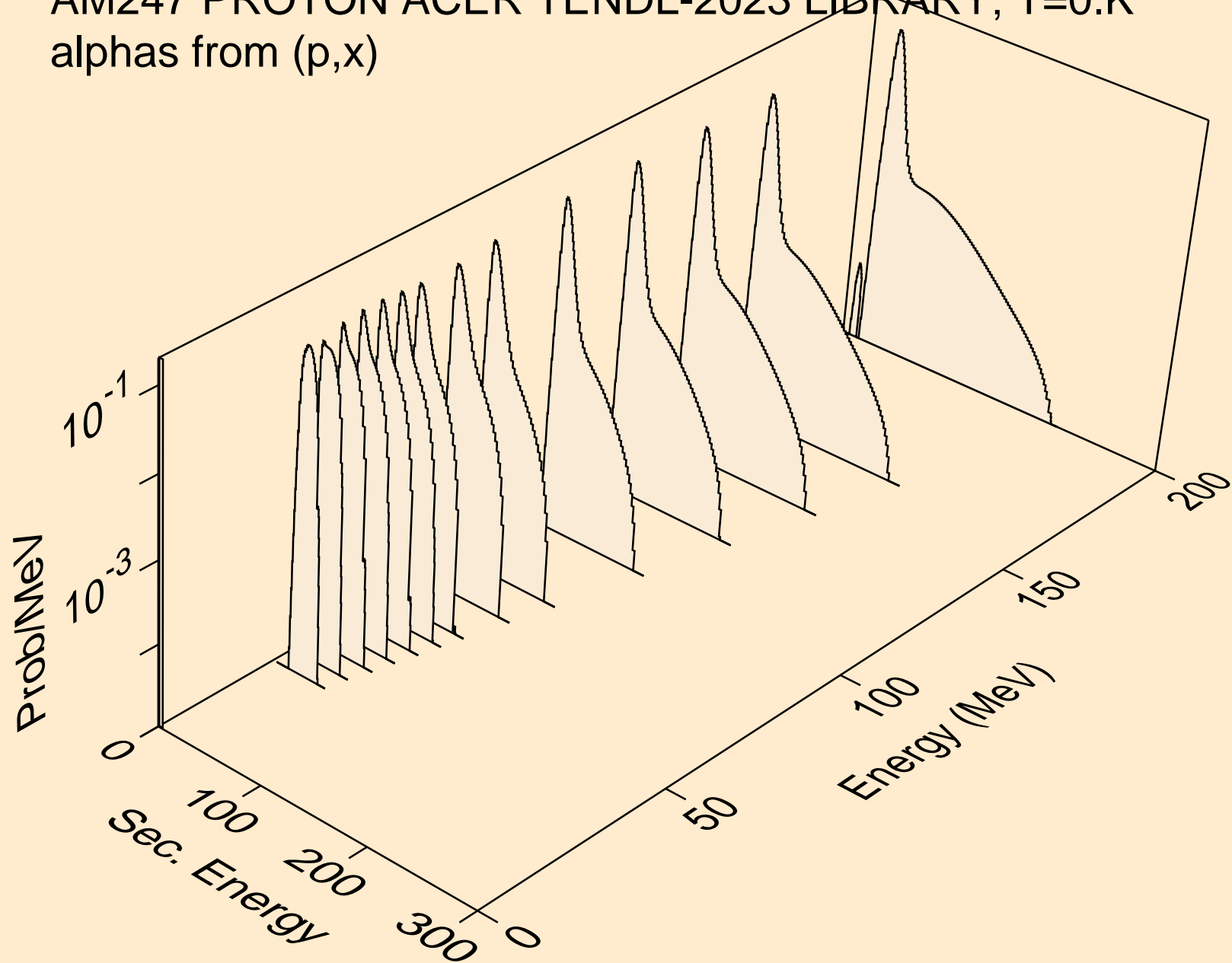
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



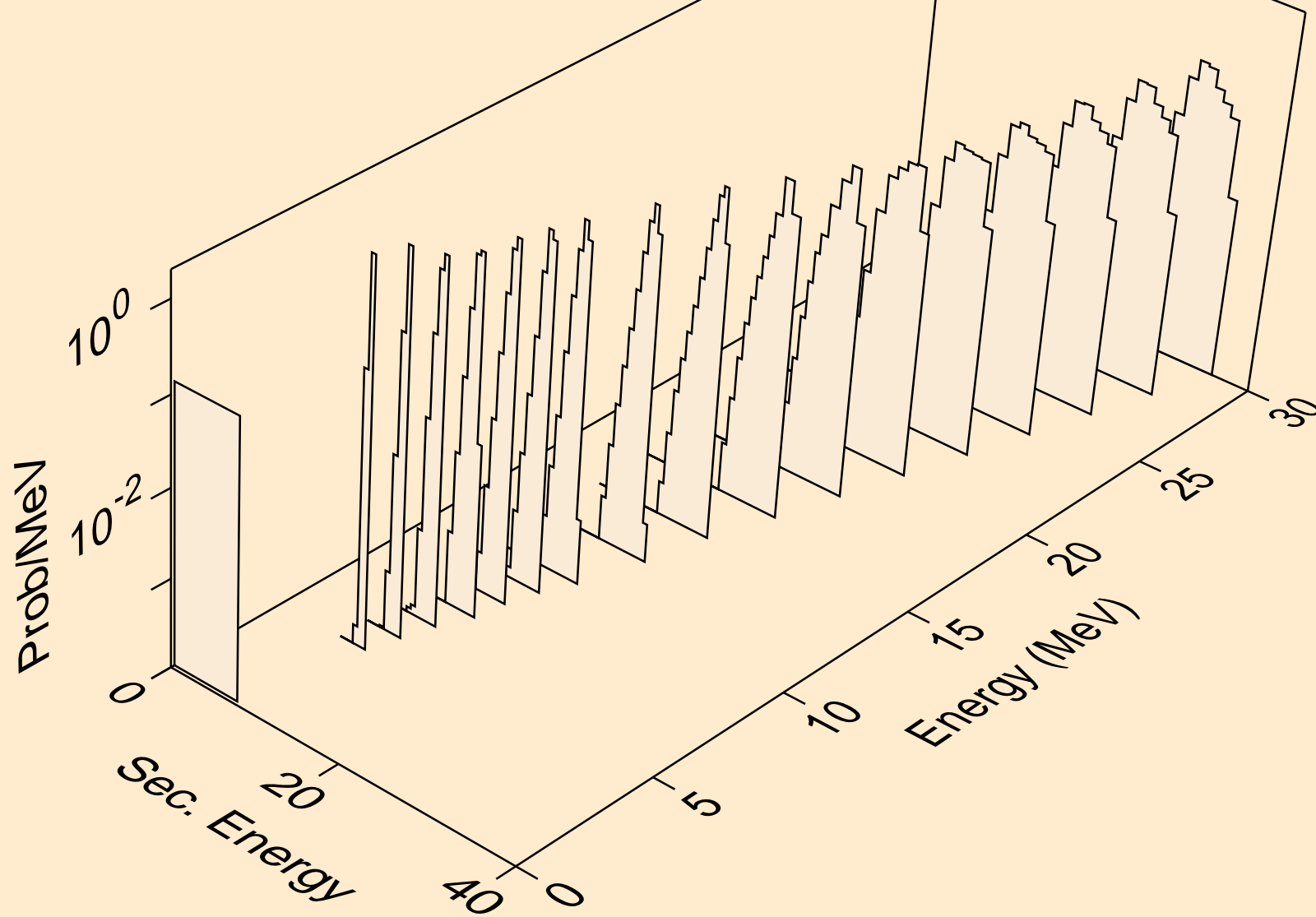
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



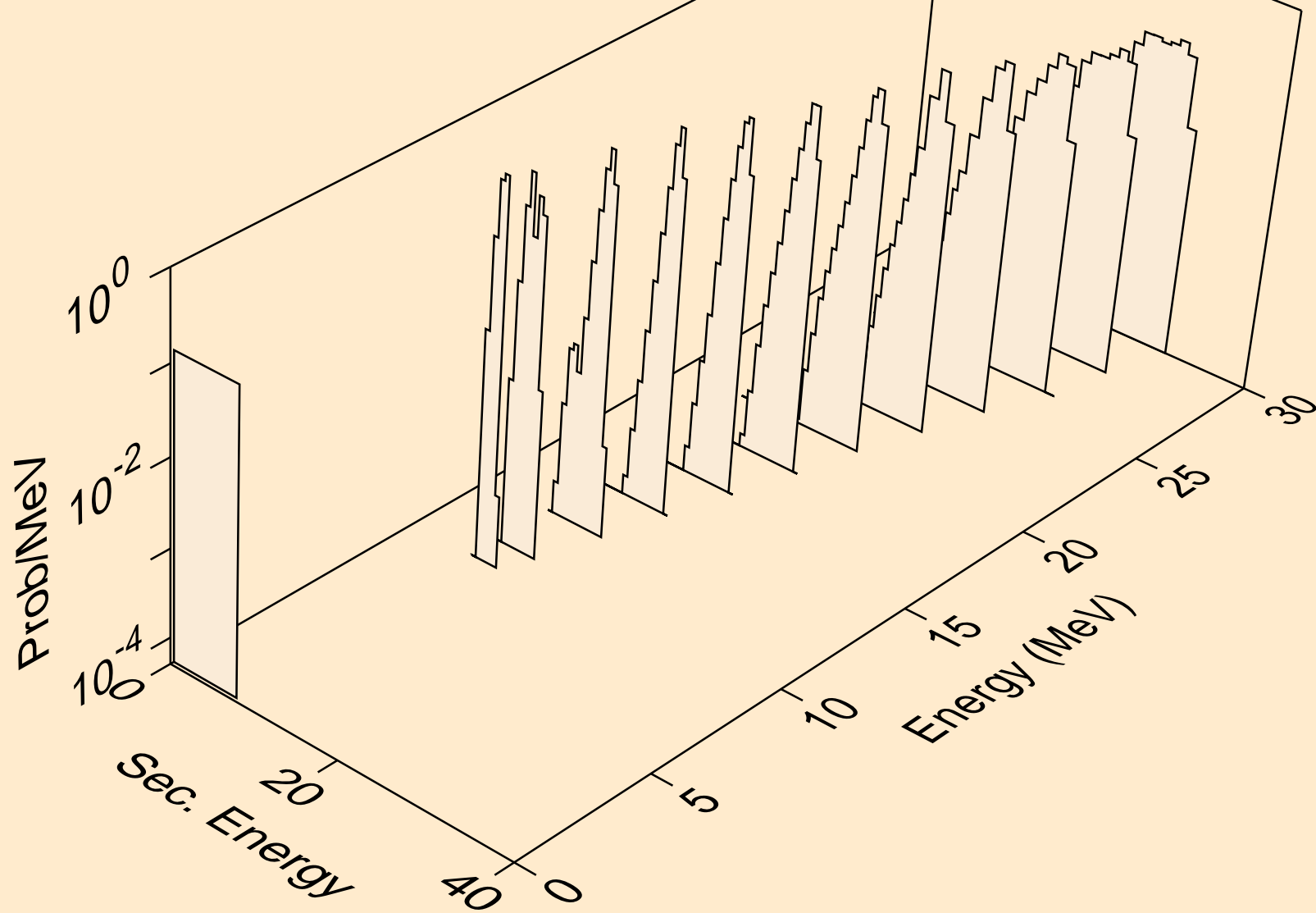
AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

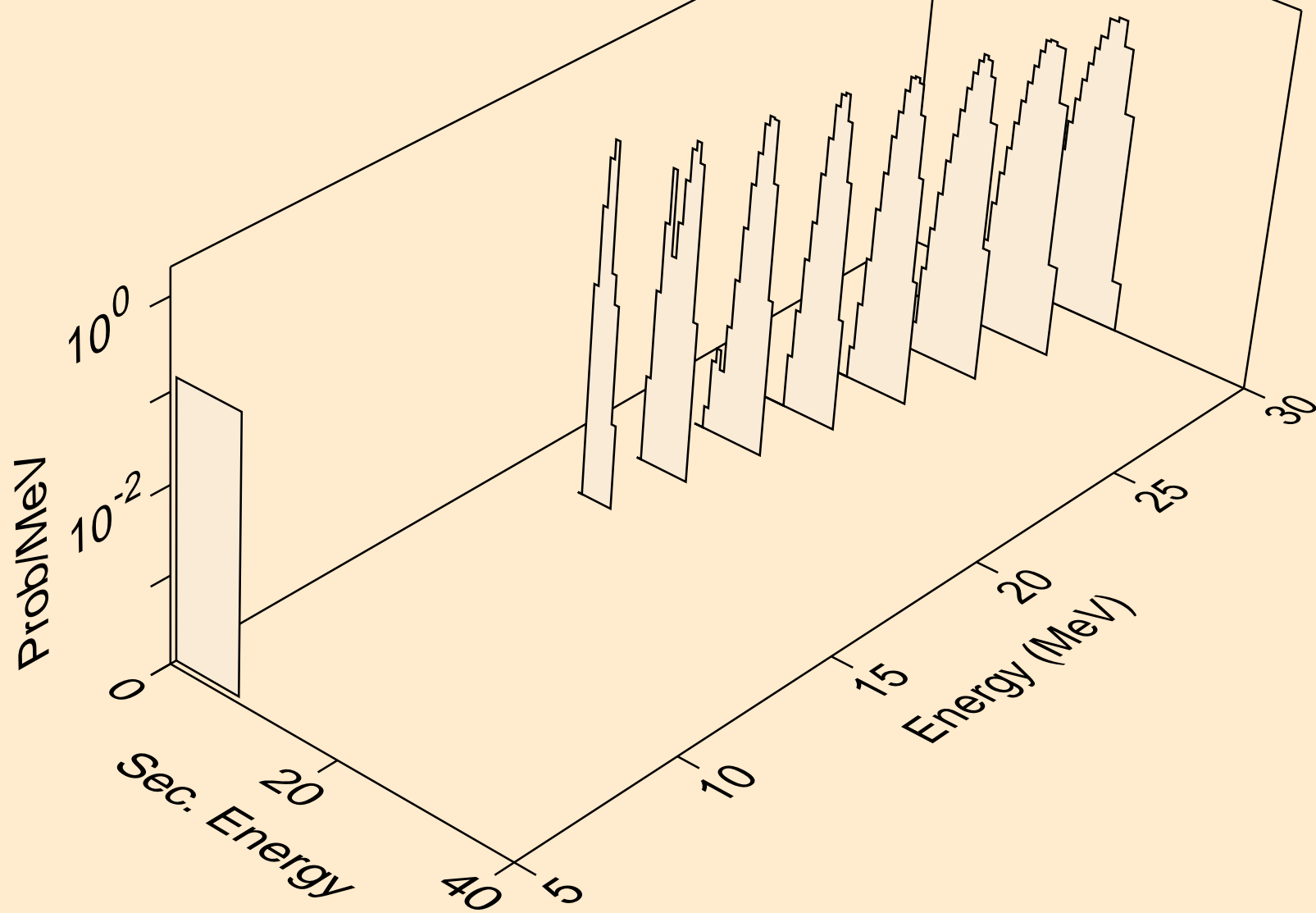


AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



AM247 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

