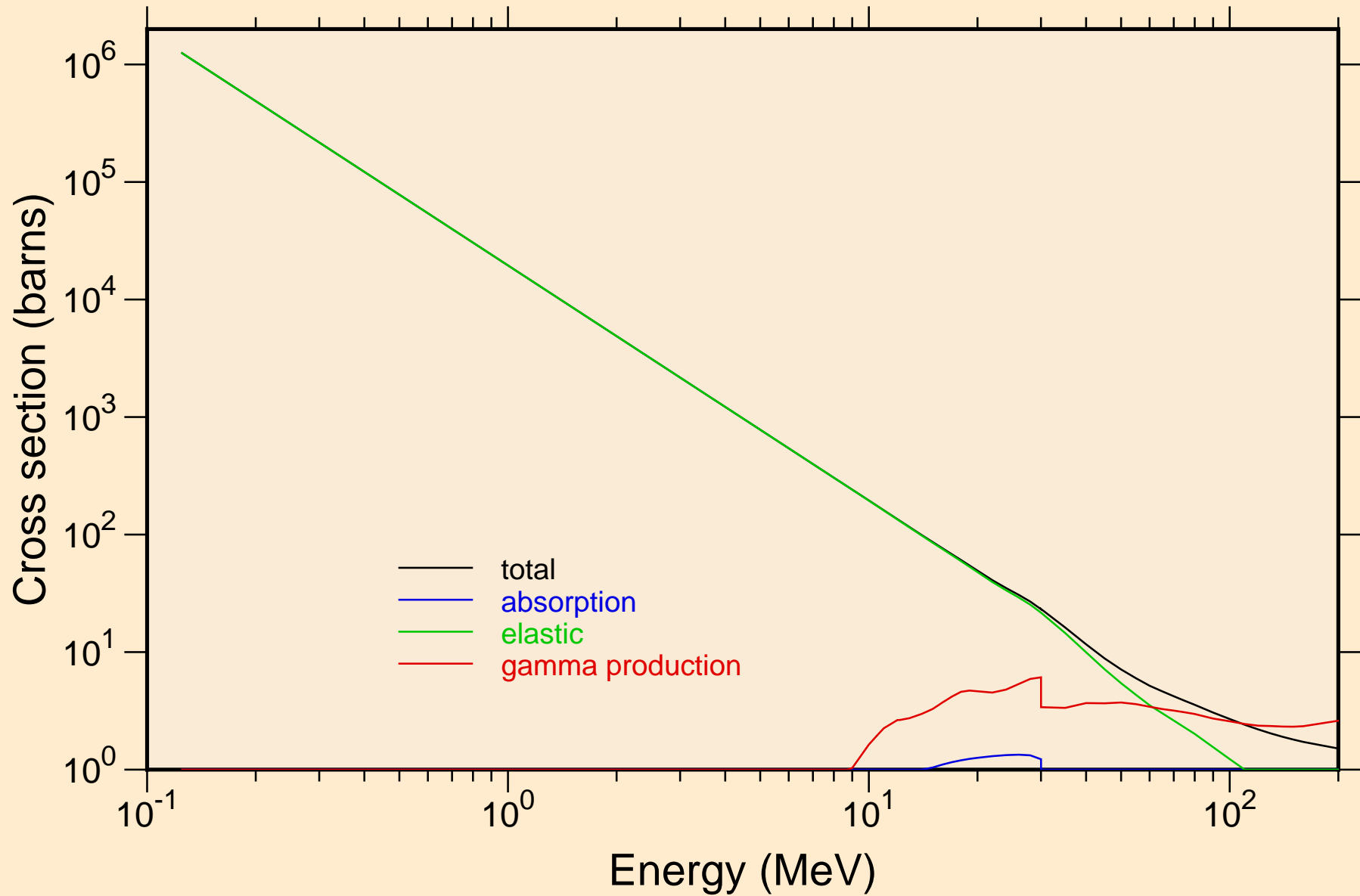
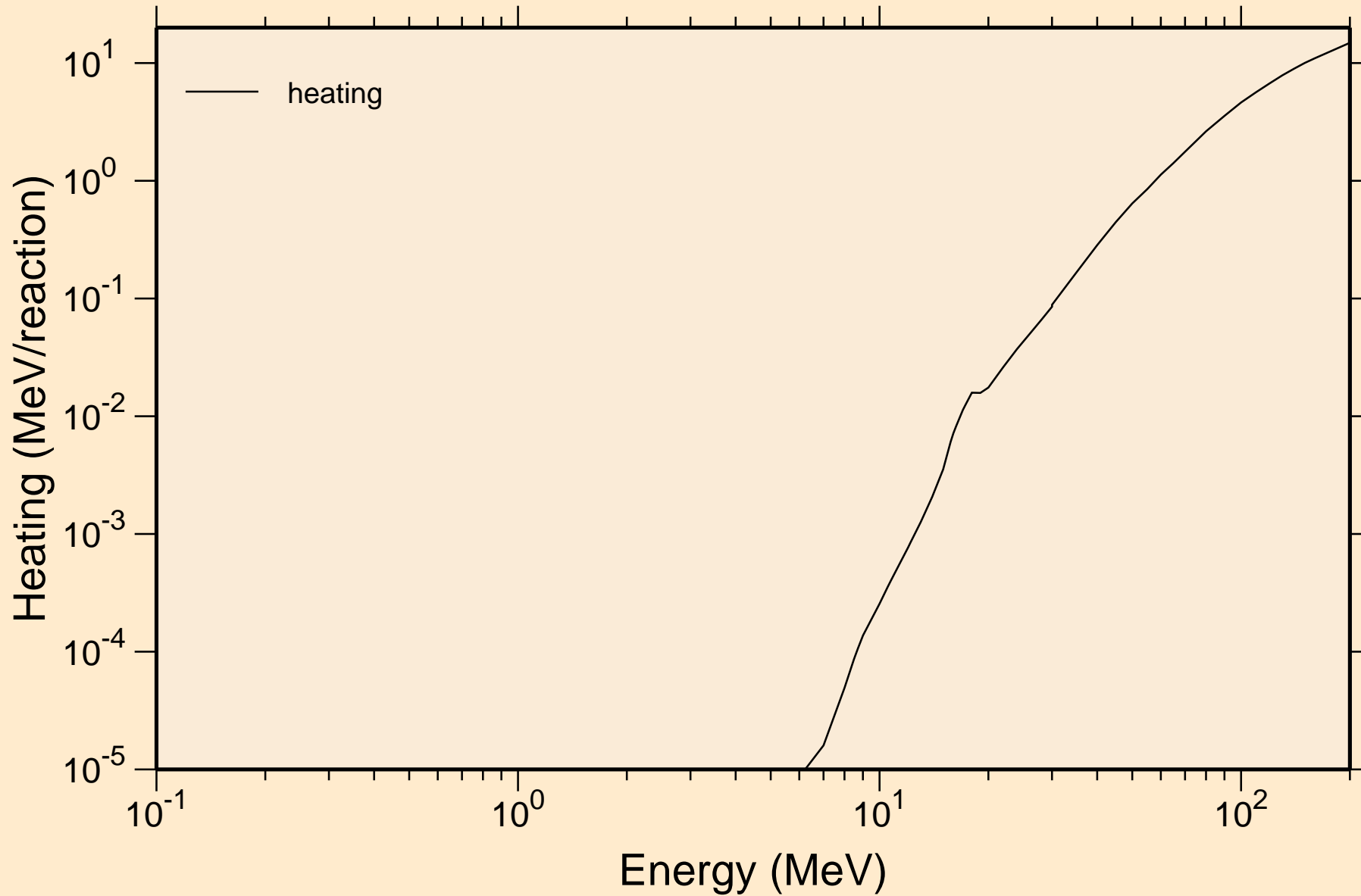


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



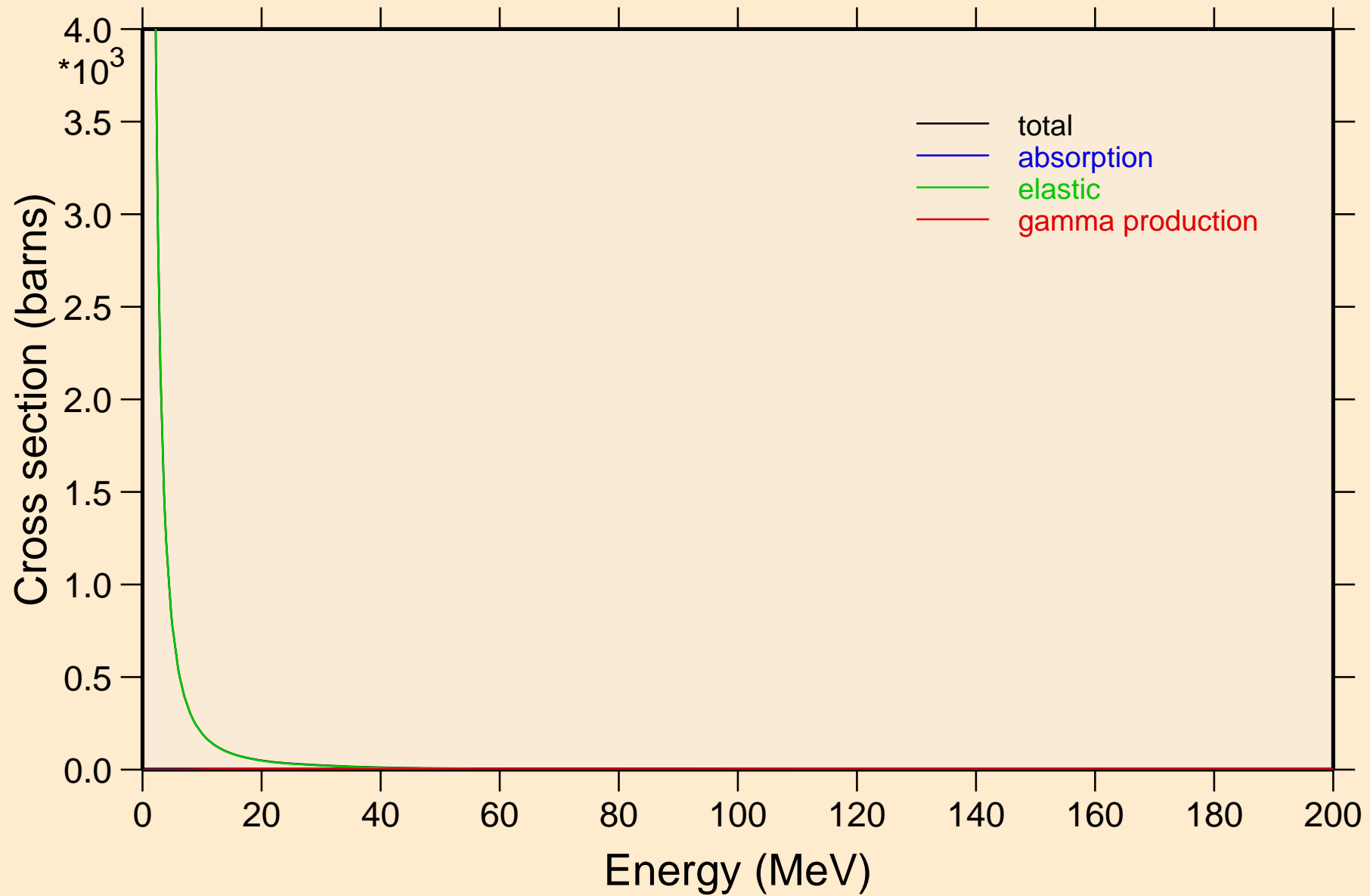
# BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



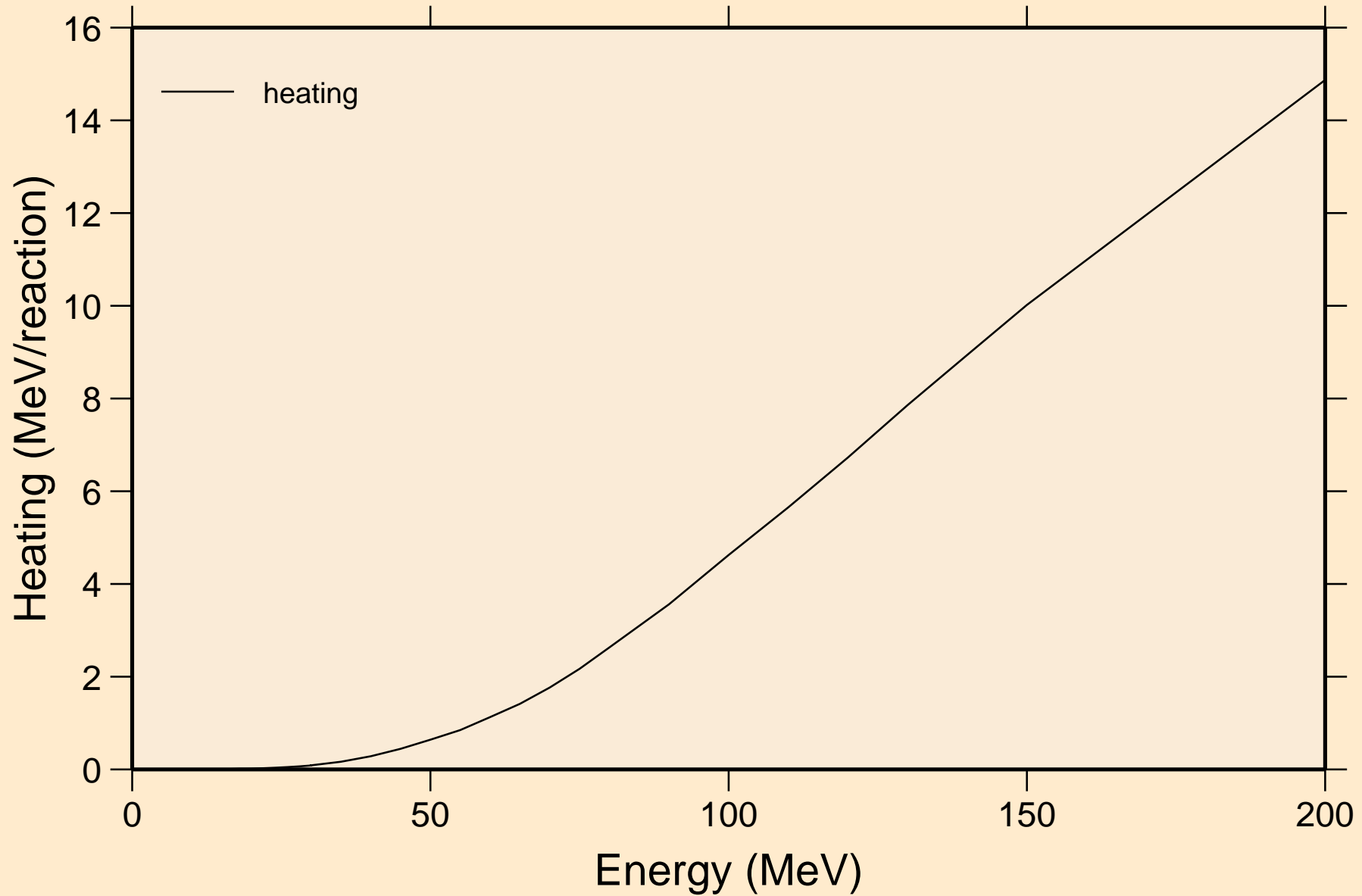
# BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



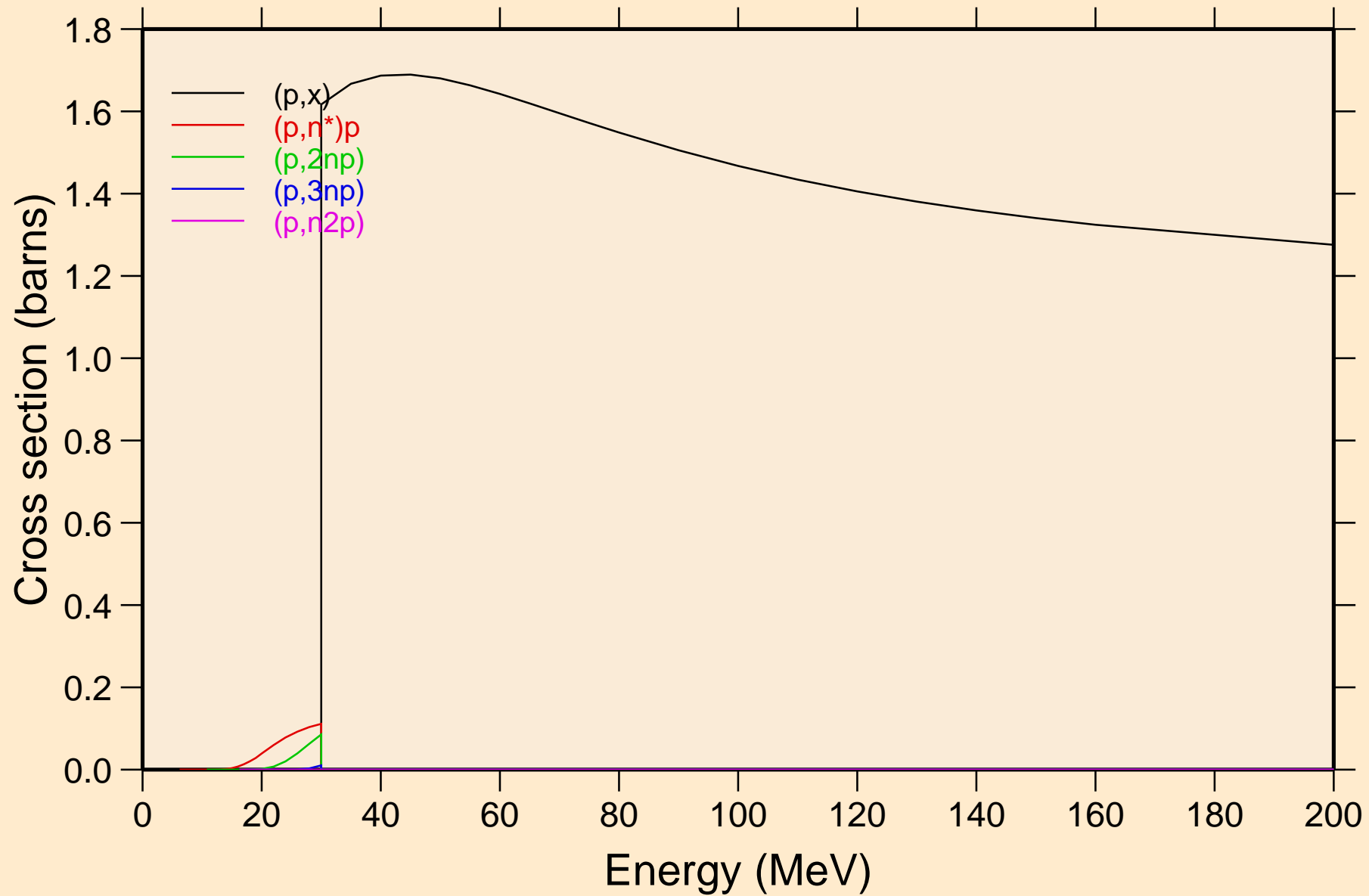
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

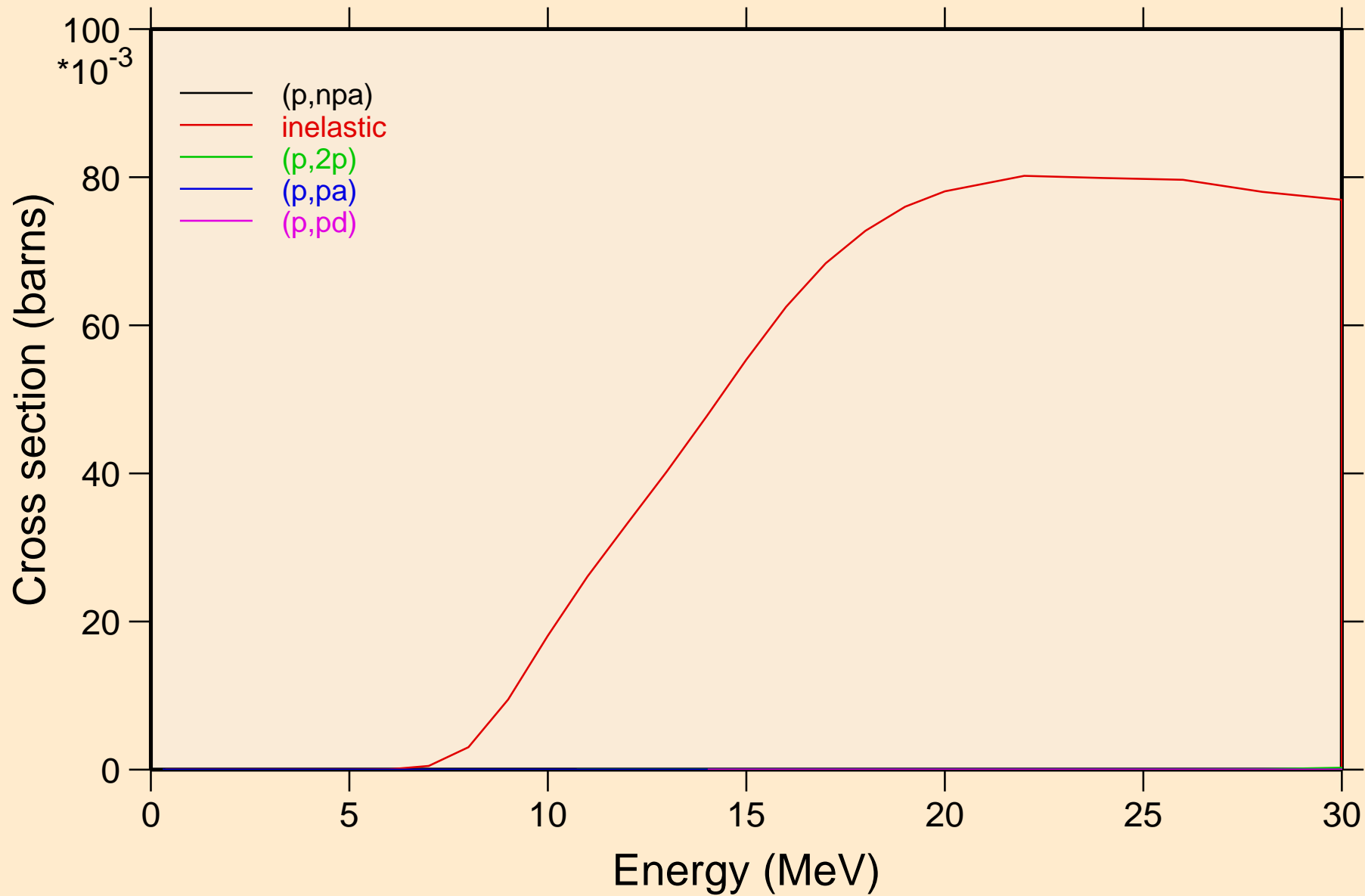


# BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

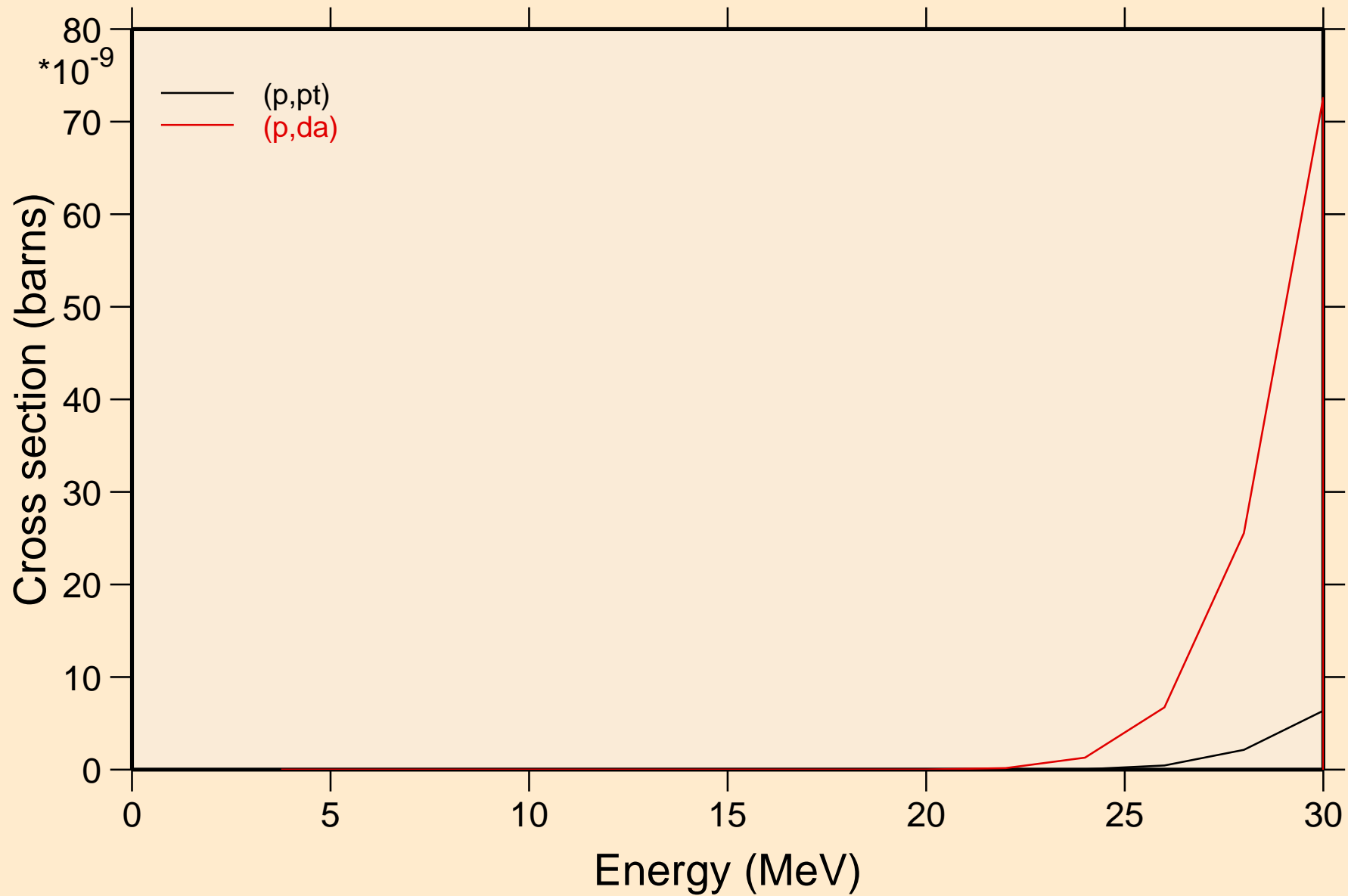
## Threshold reactions



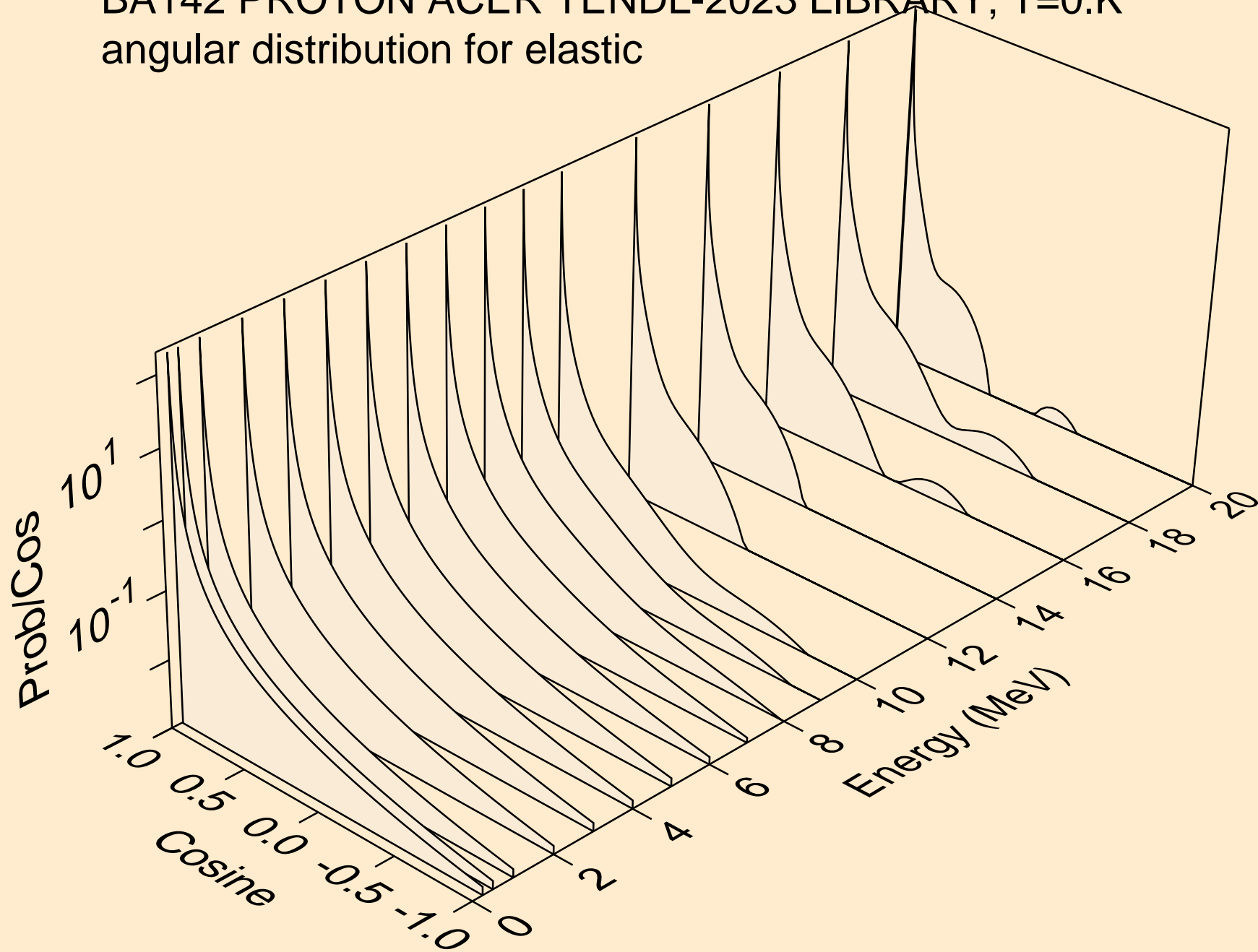
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

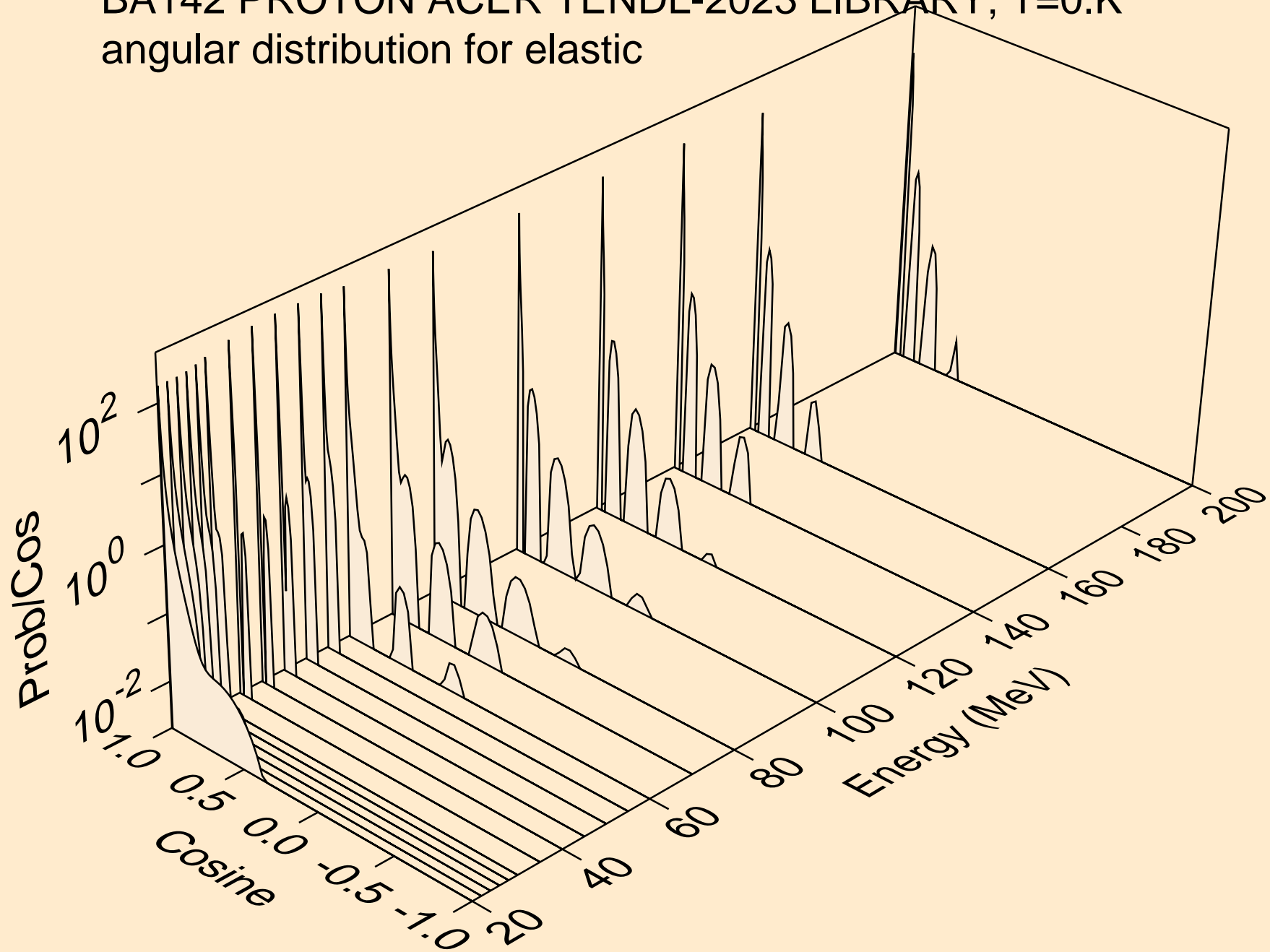


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

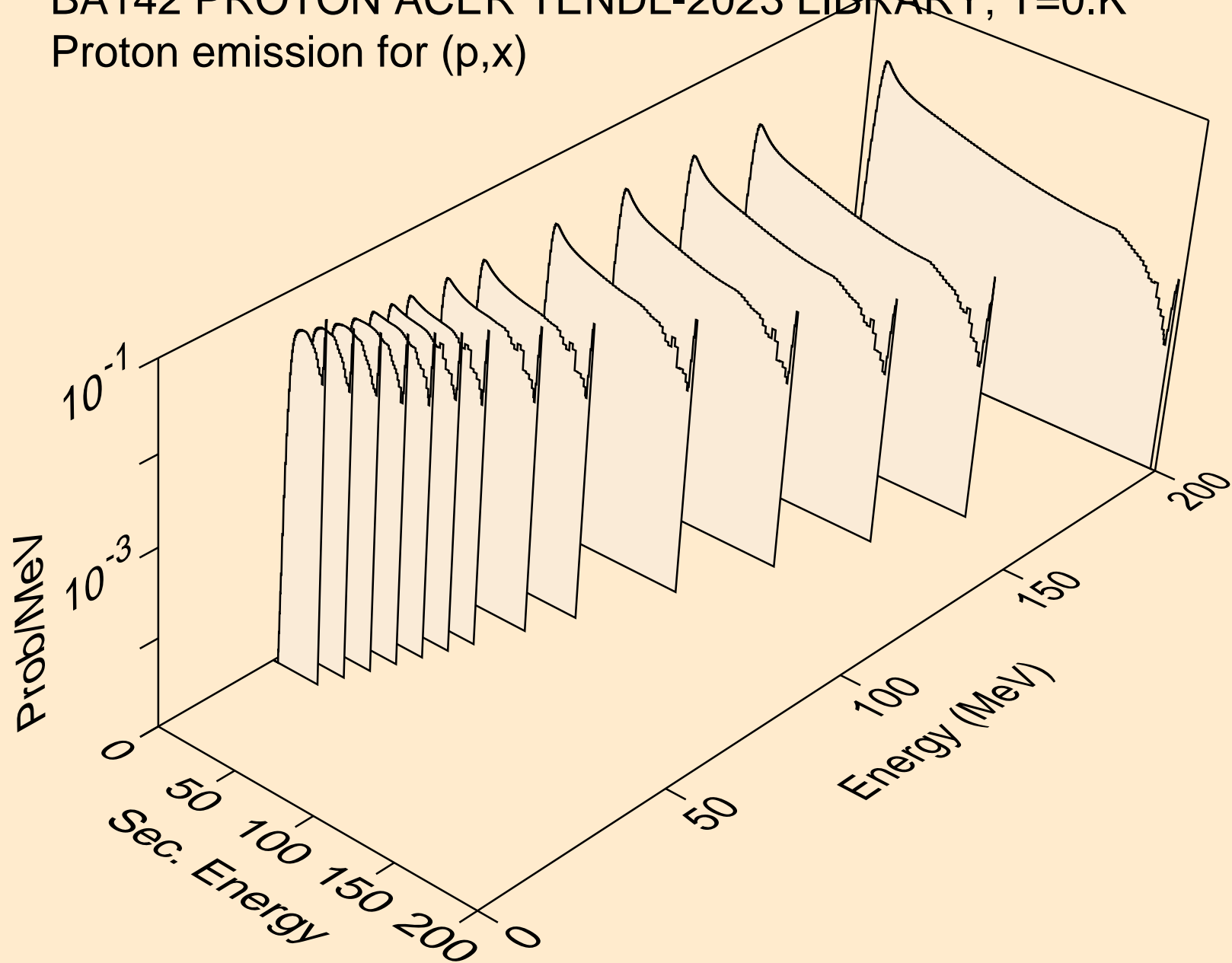




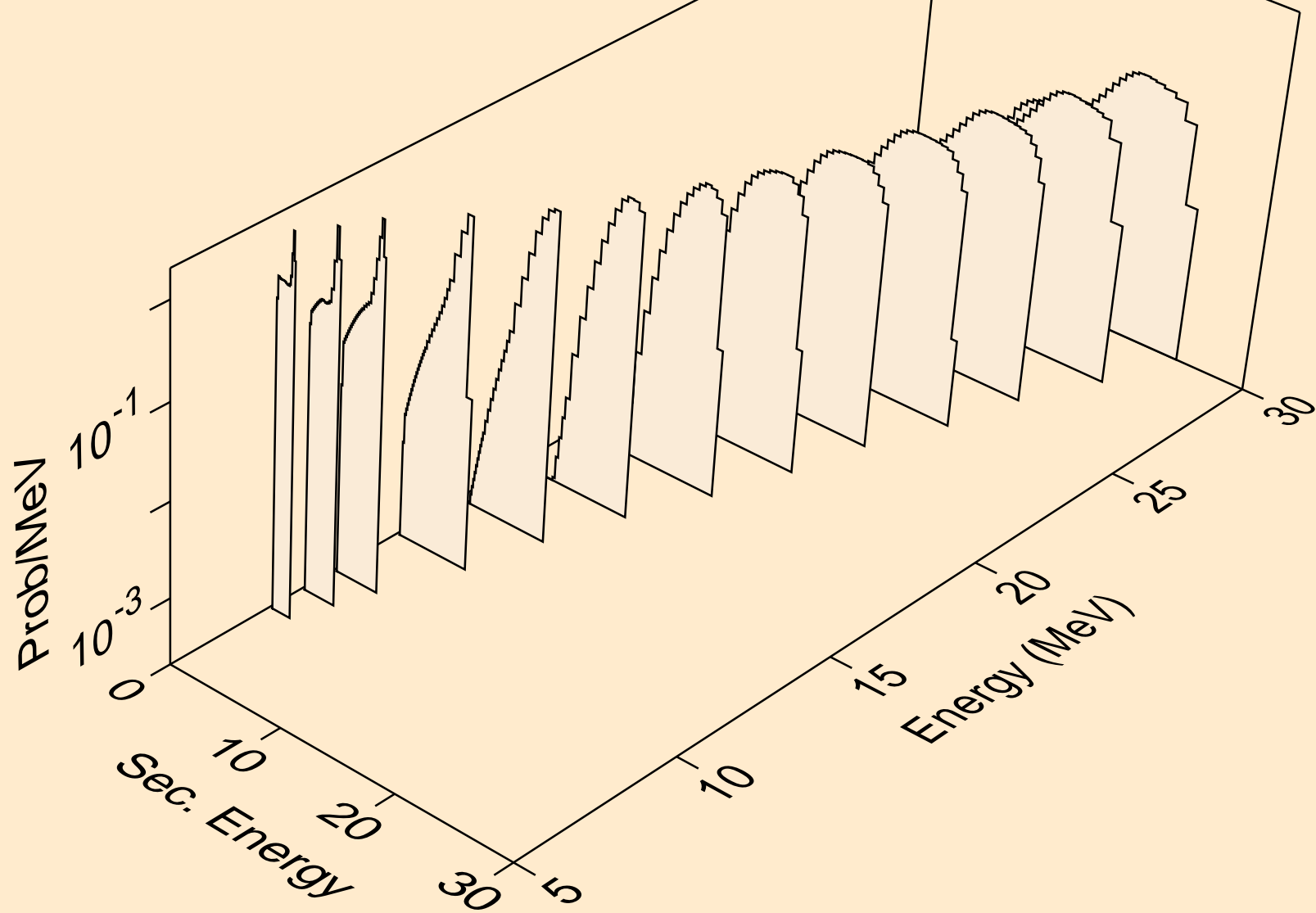
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



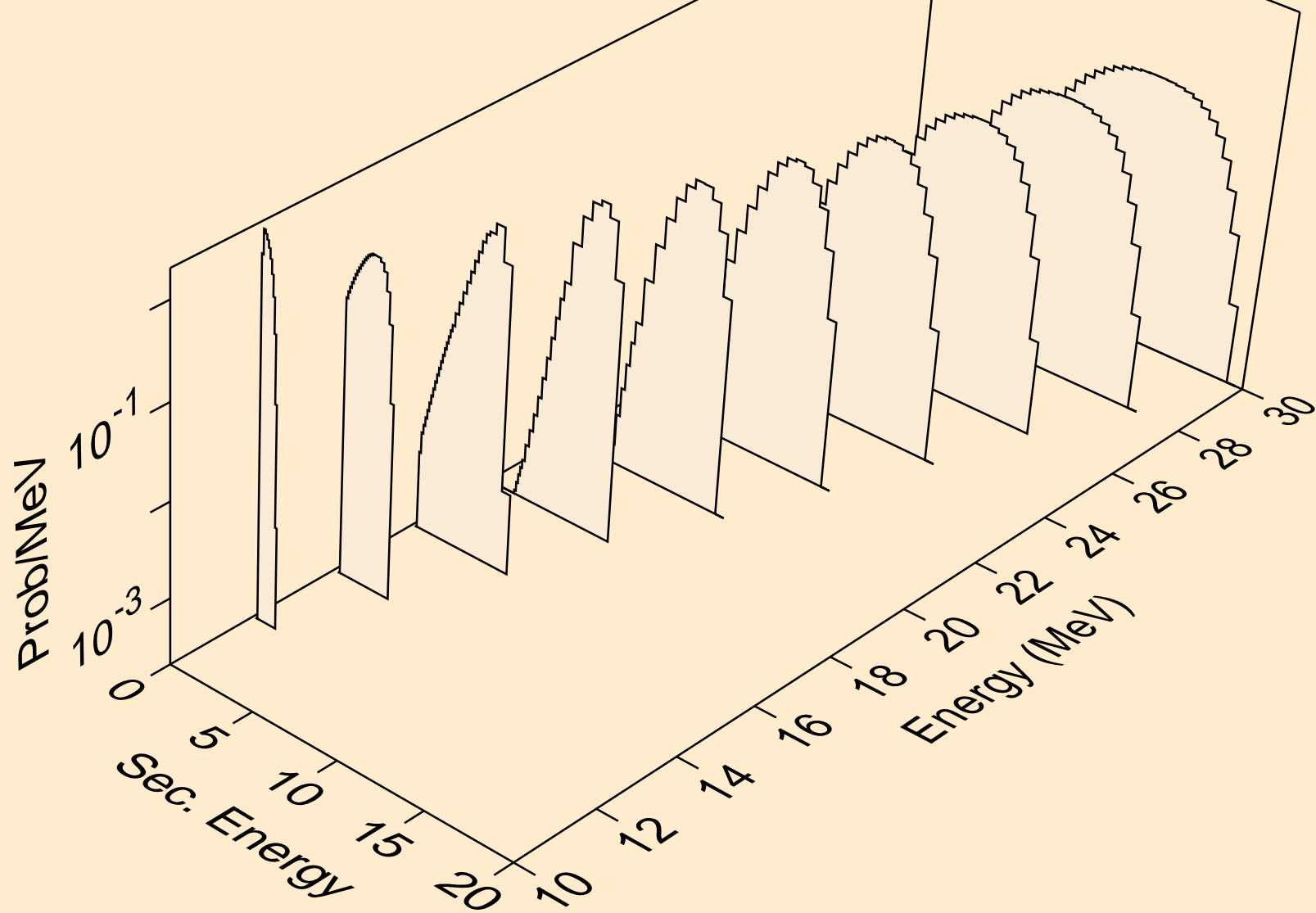
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



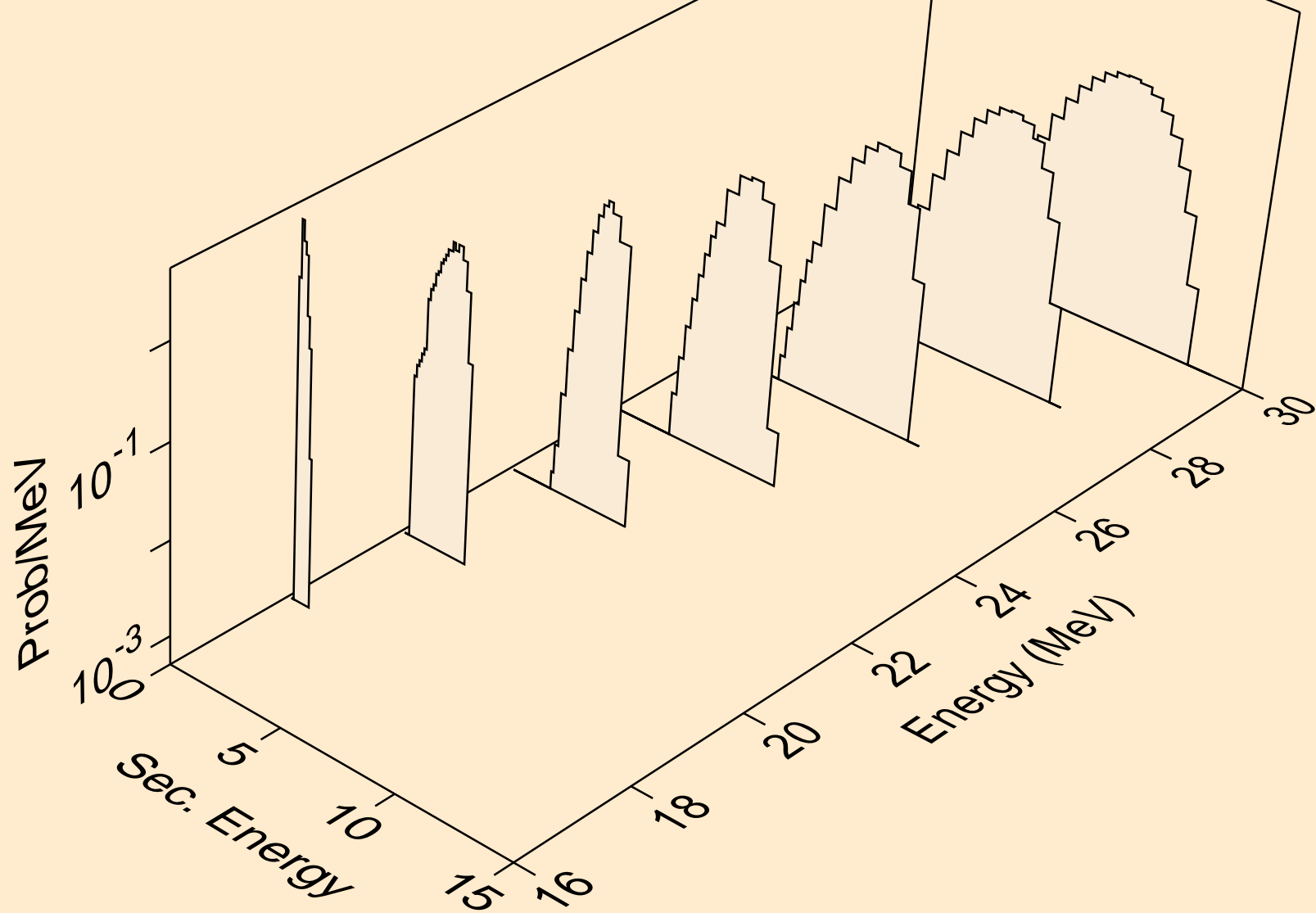
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



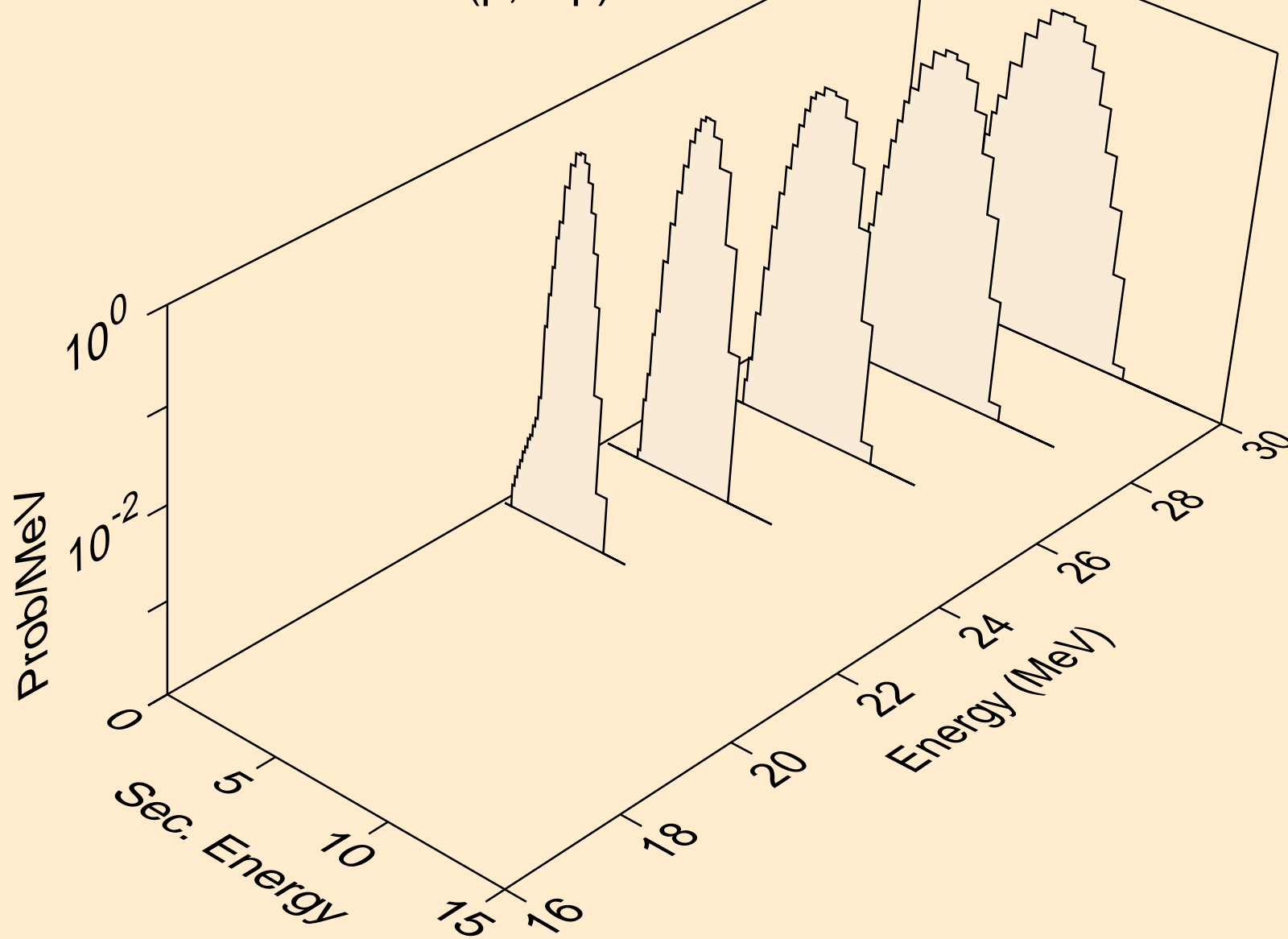
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



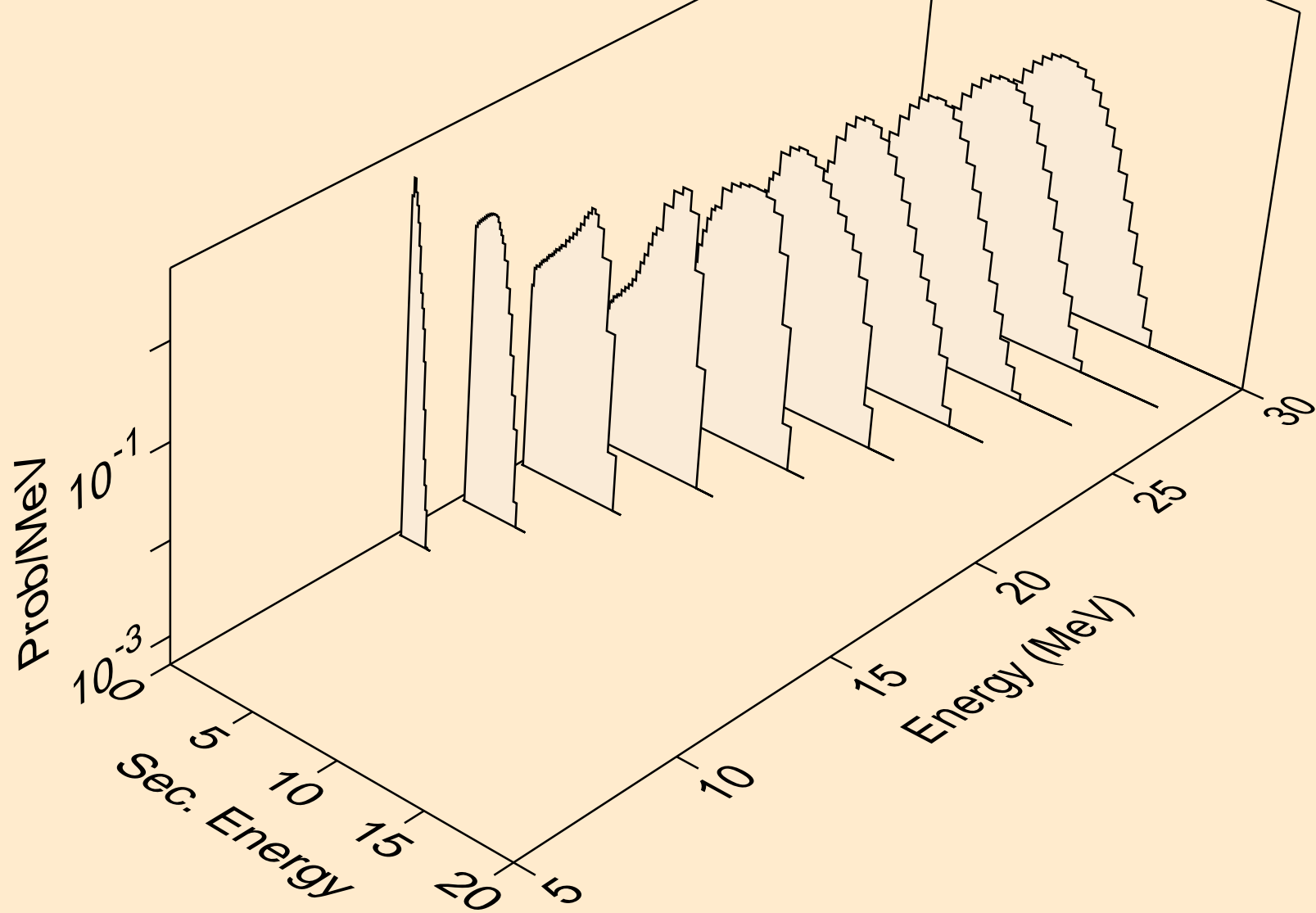
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



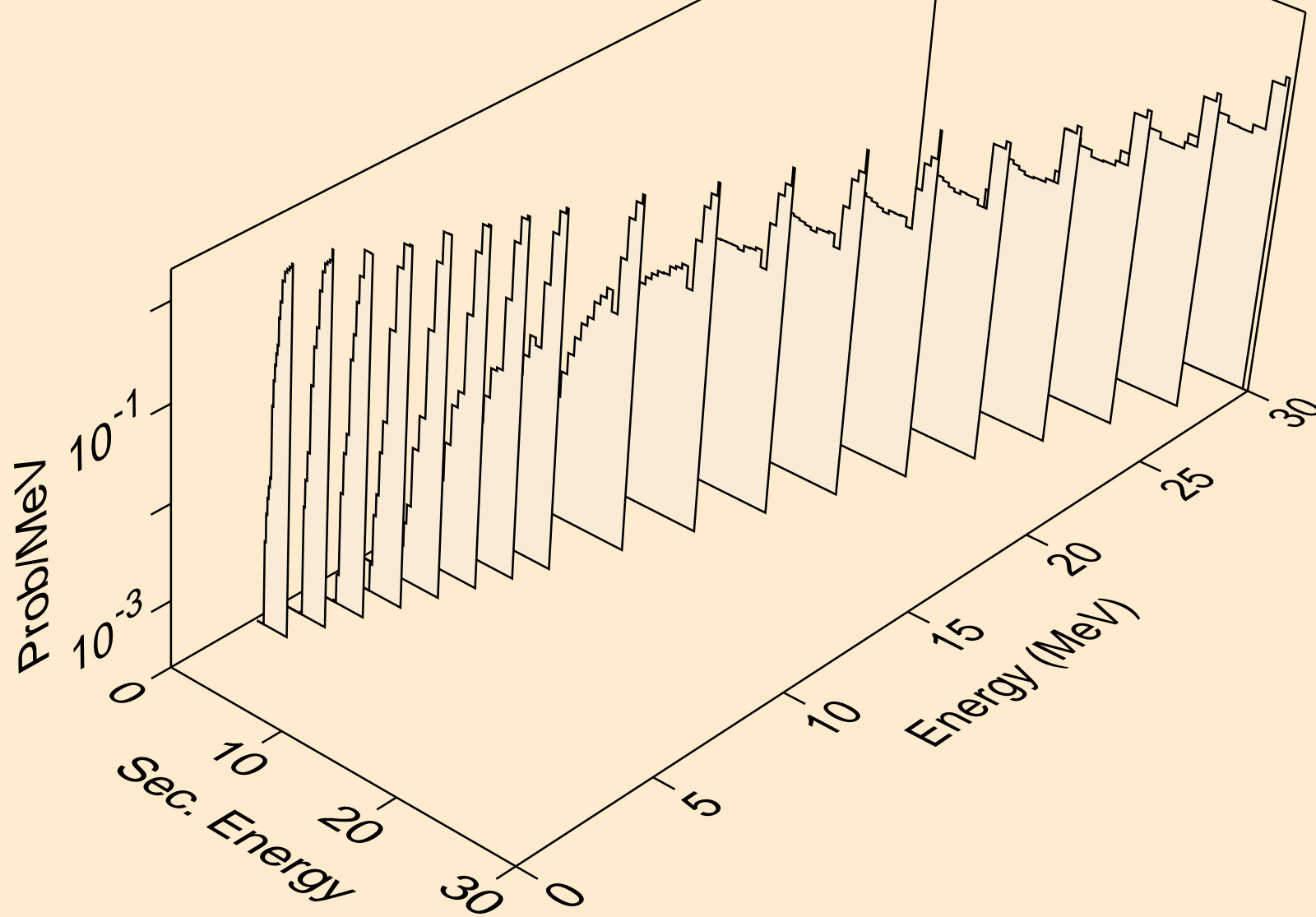
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

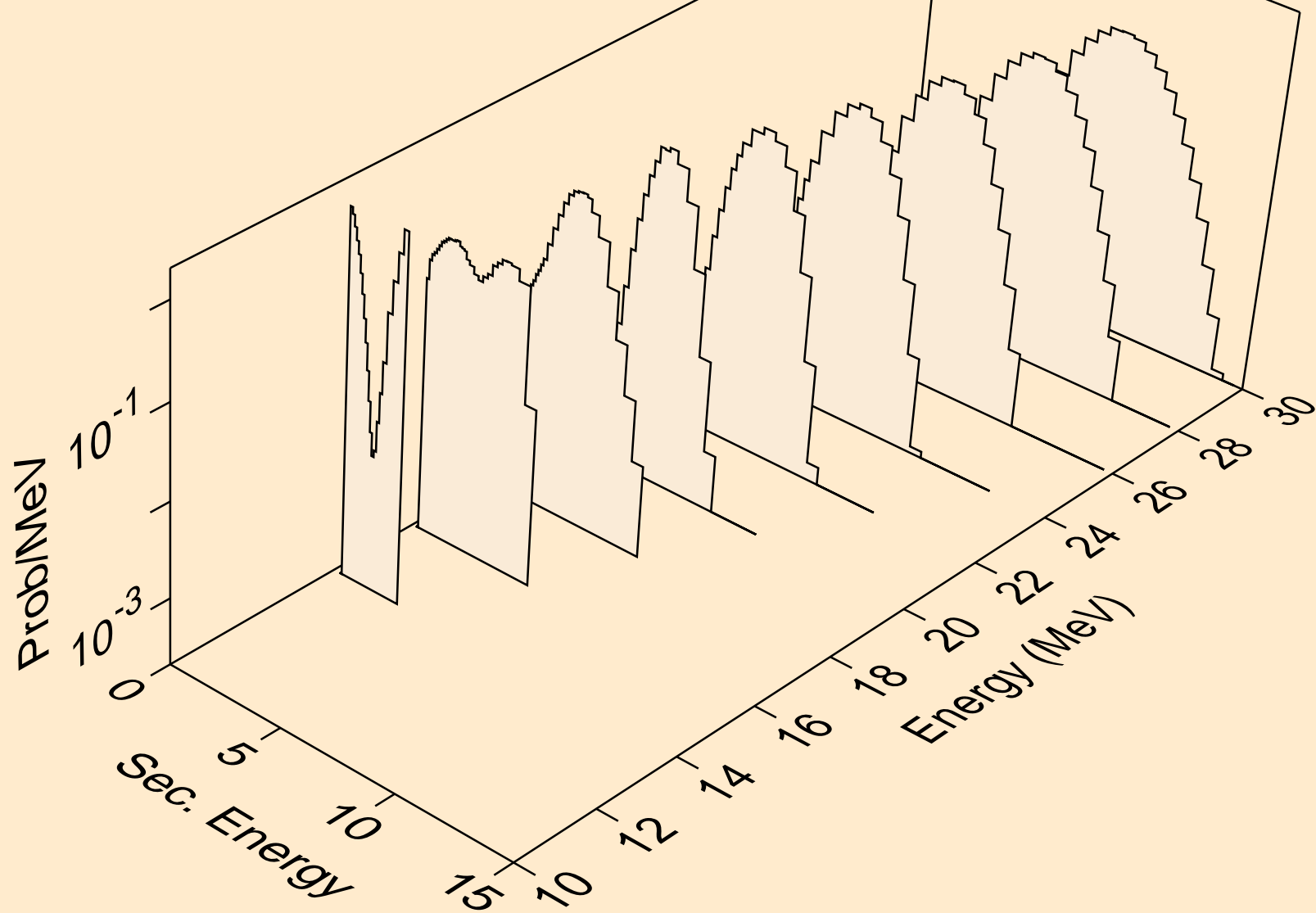


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

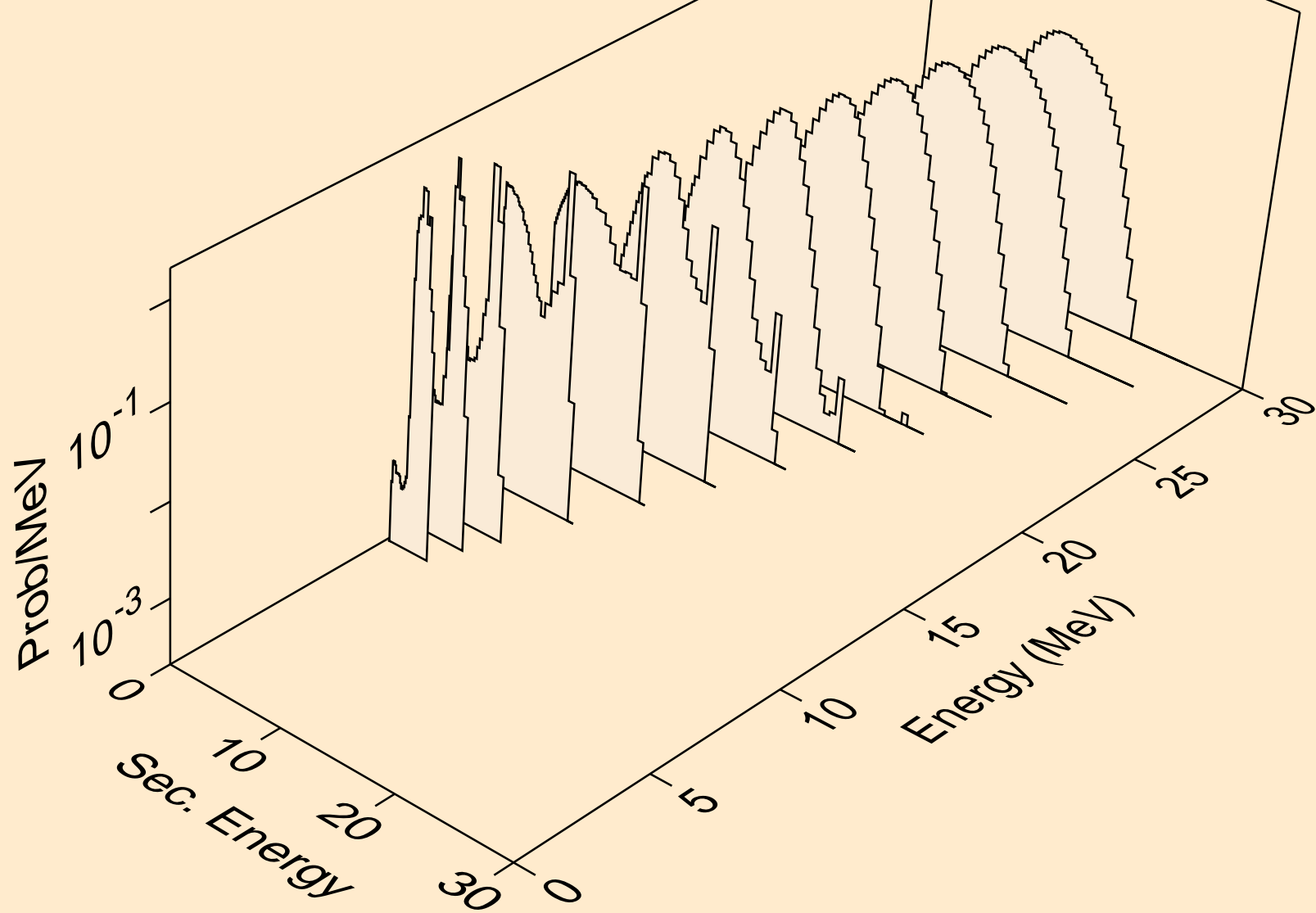




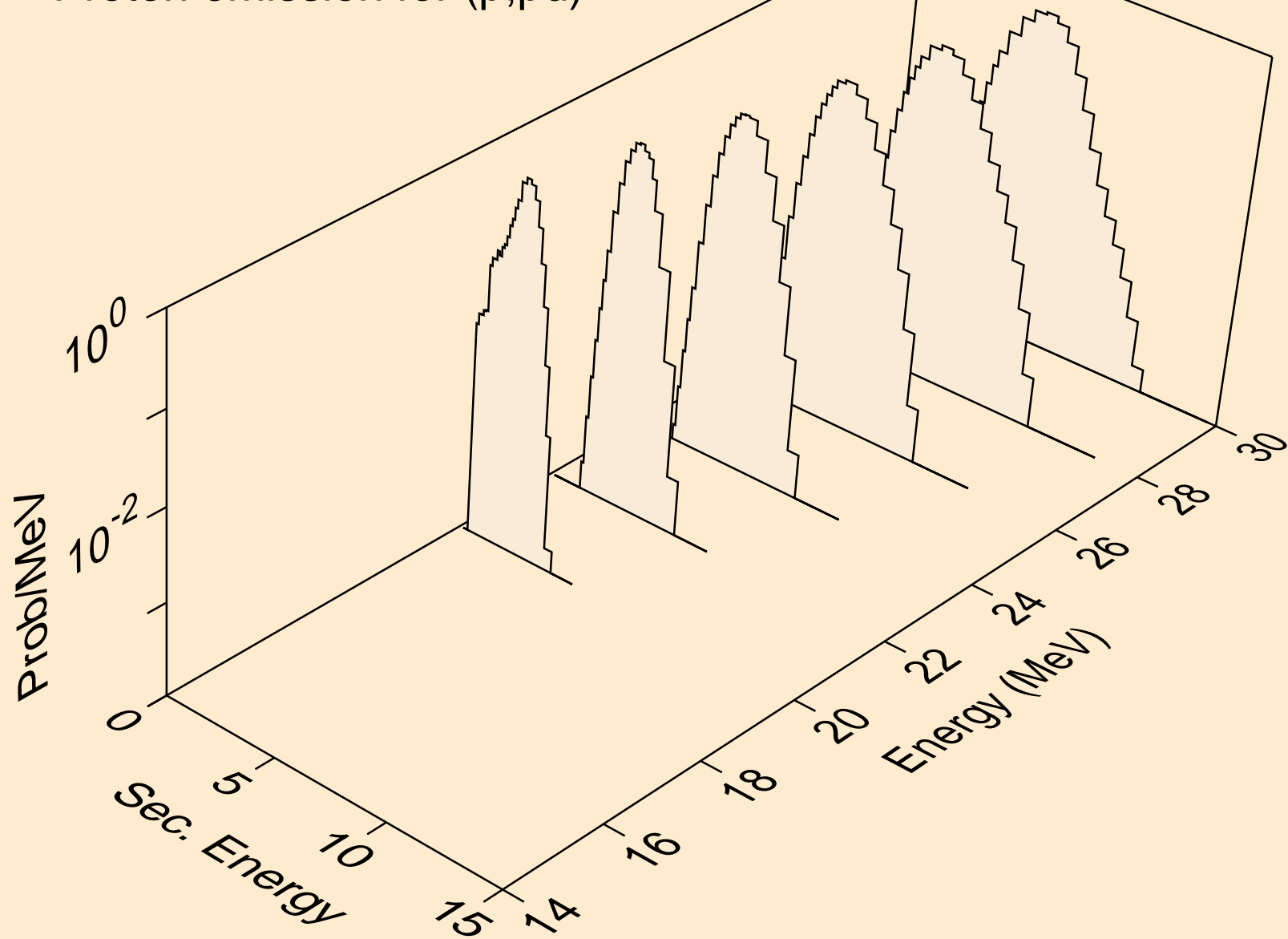
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



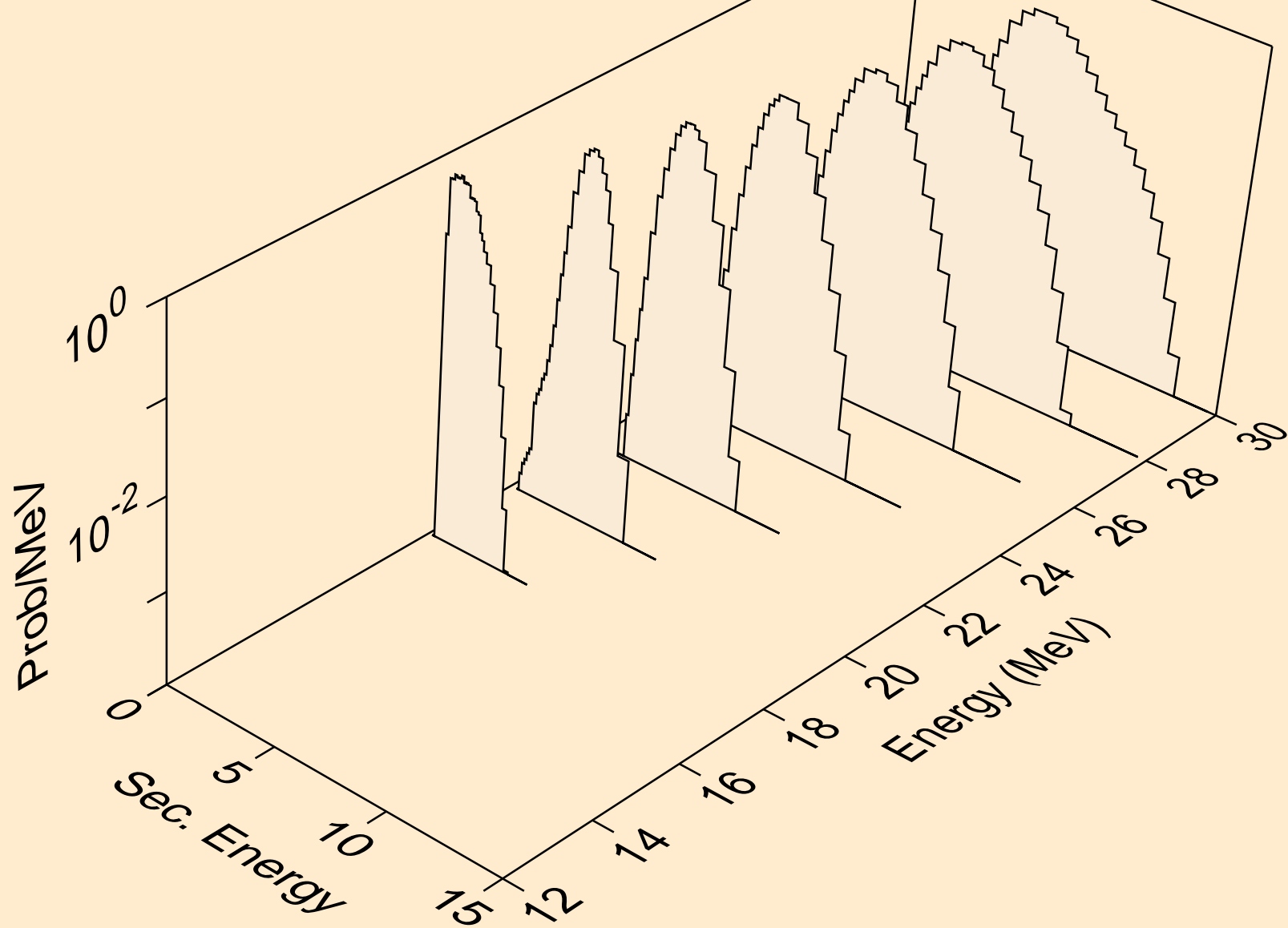
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



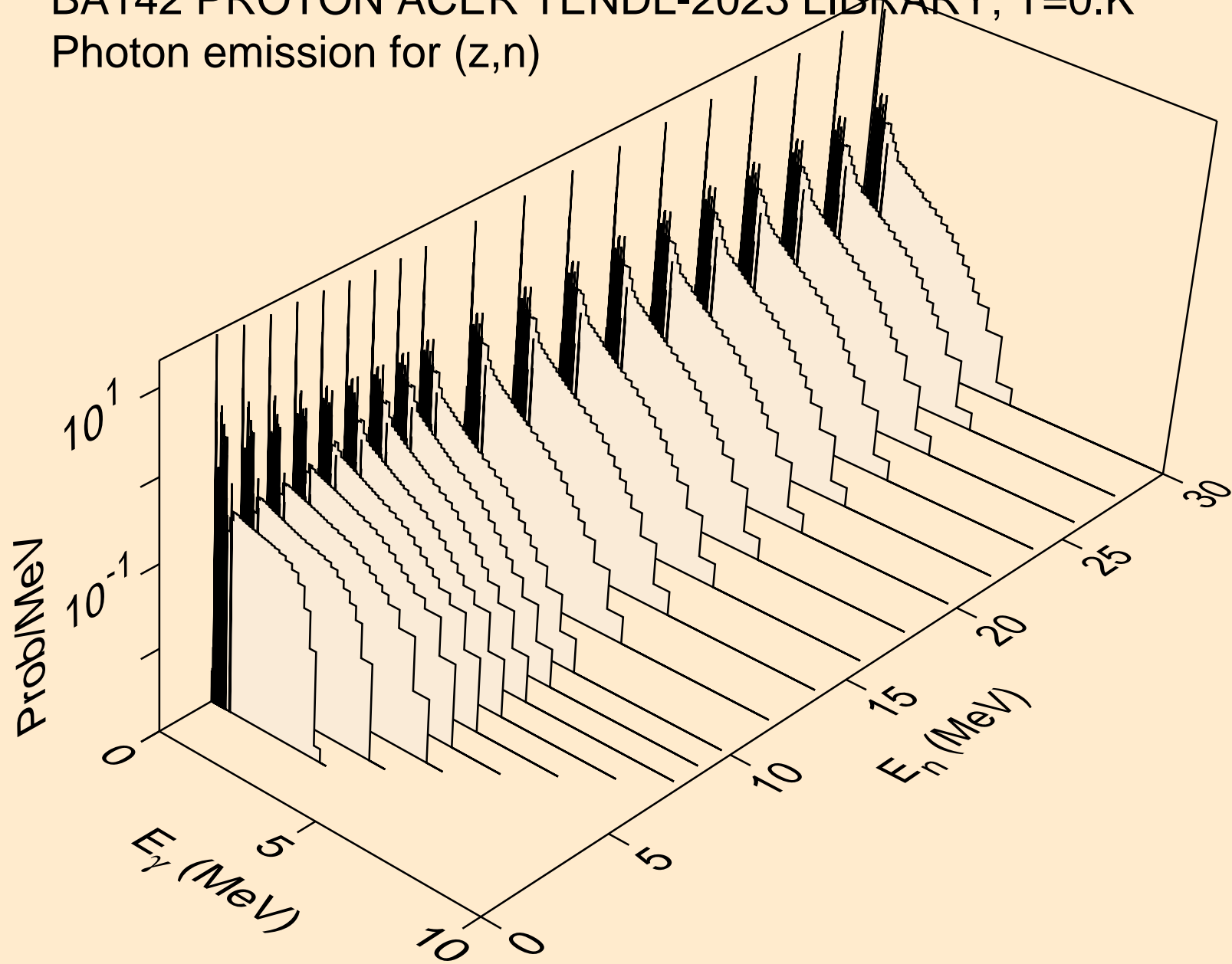
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



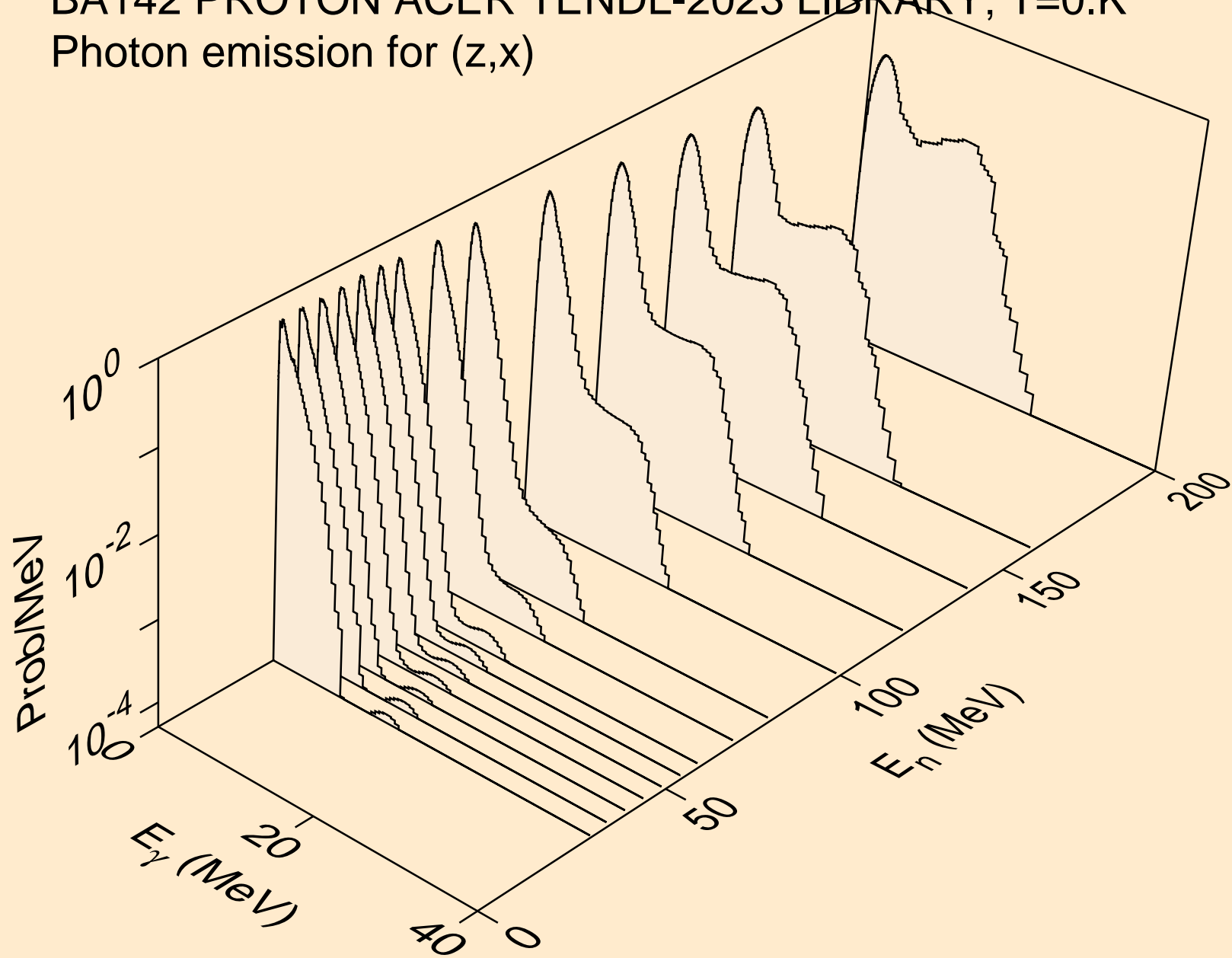
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



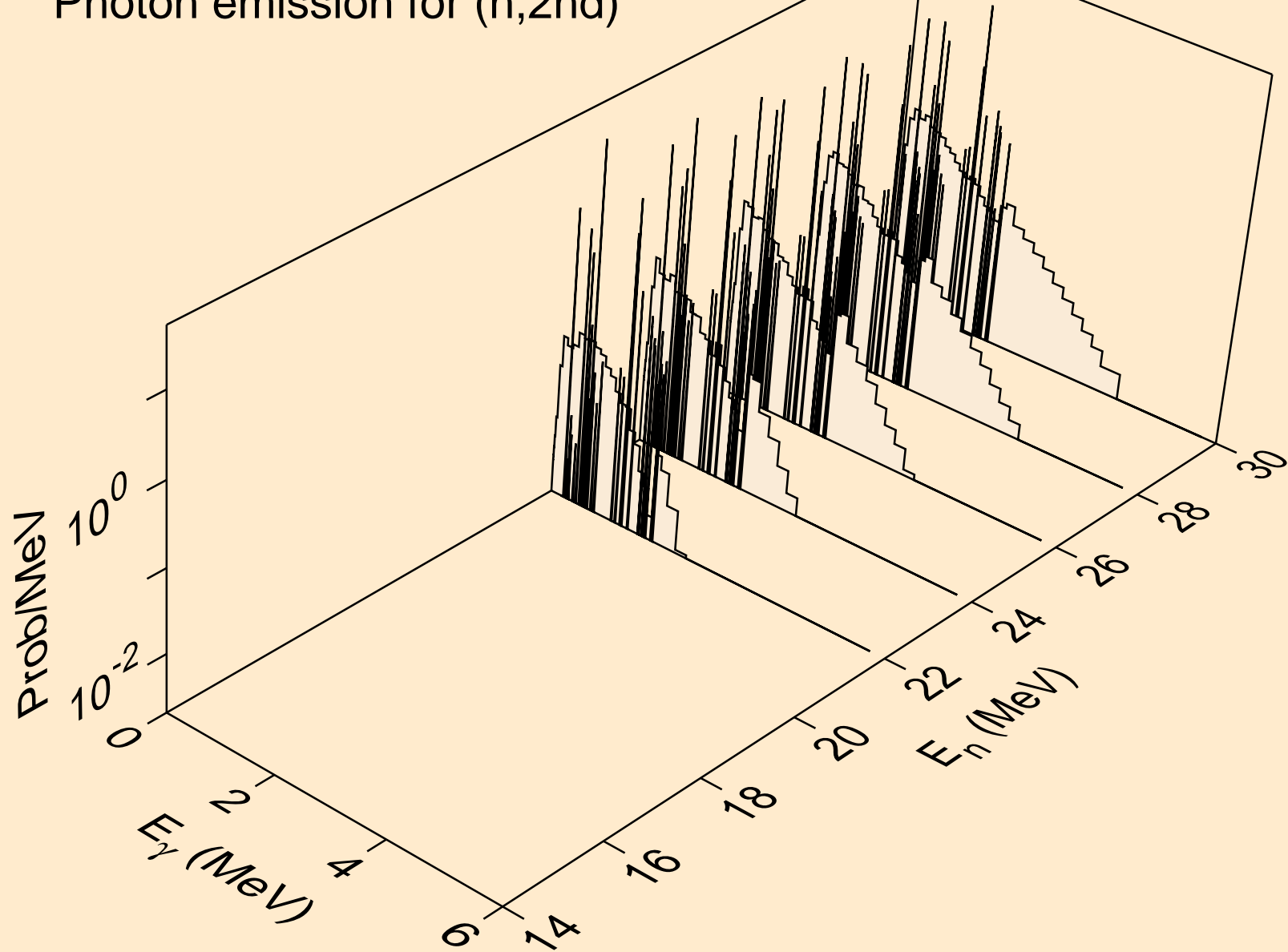
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



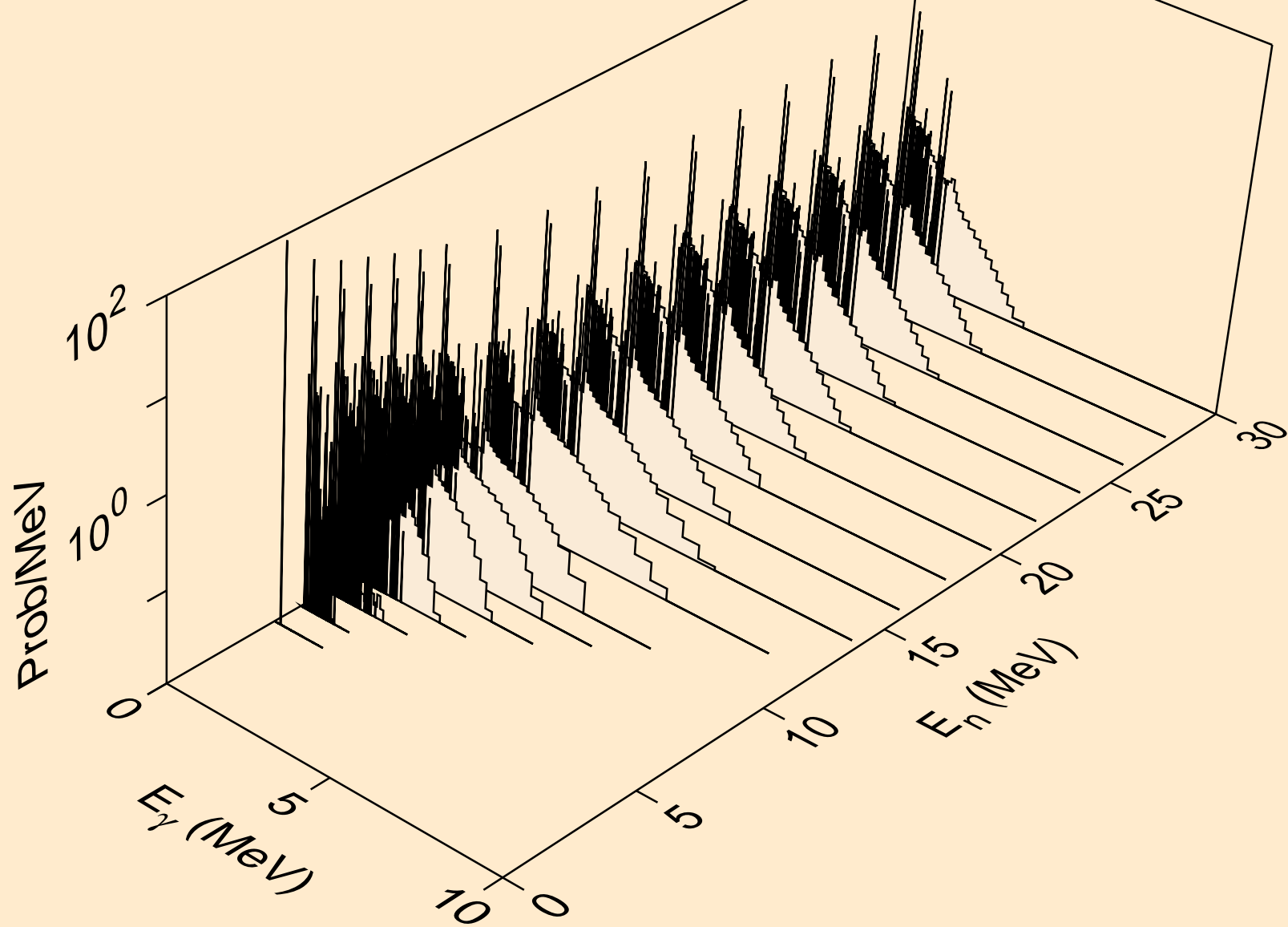
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

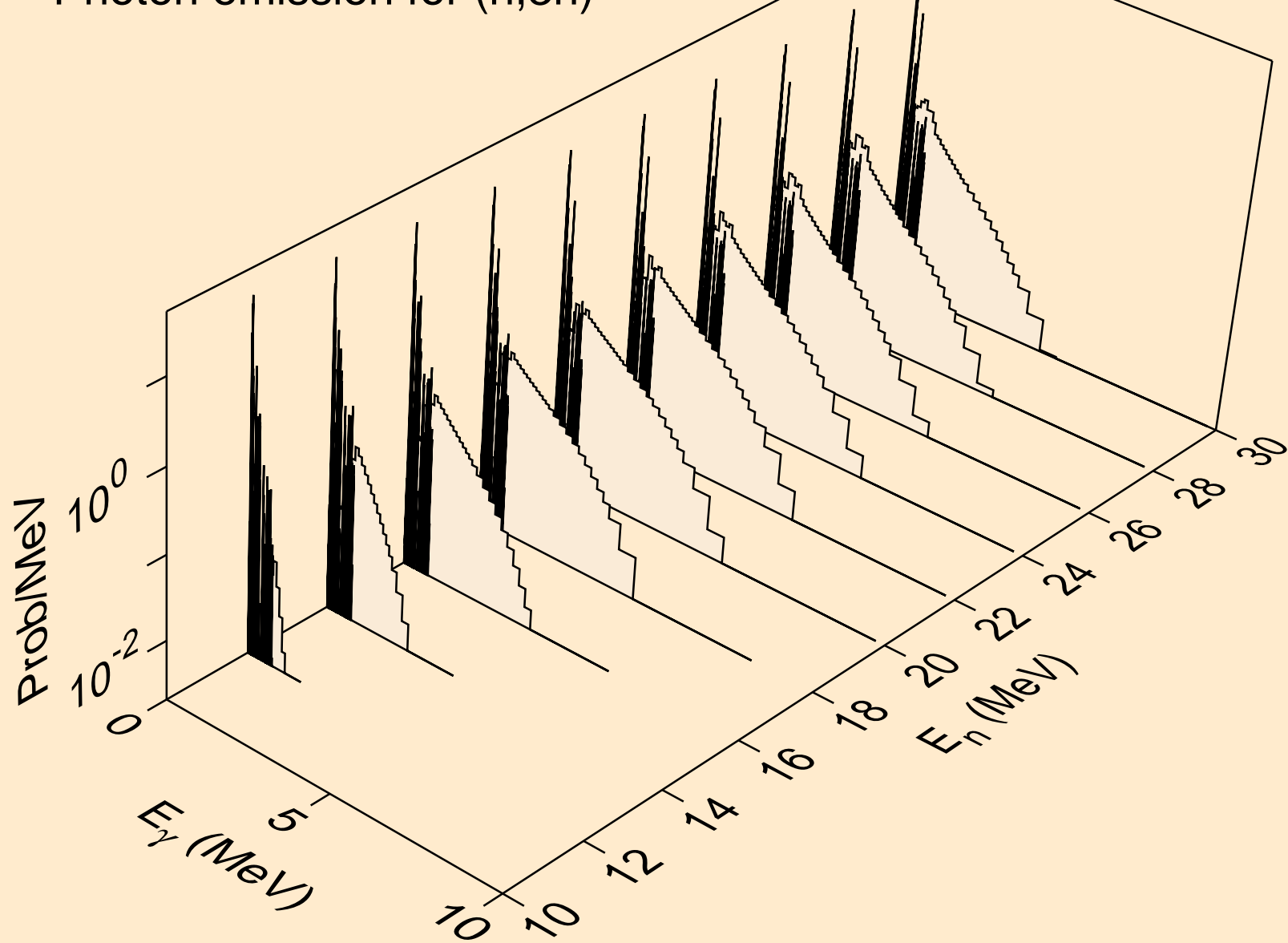


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

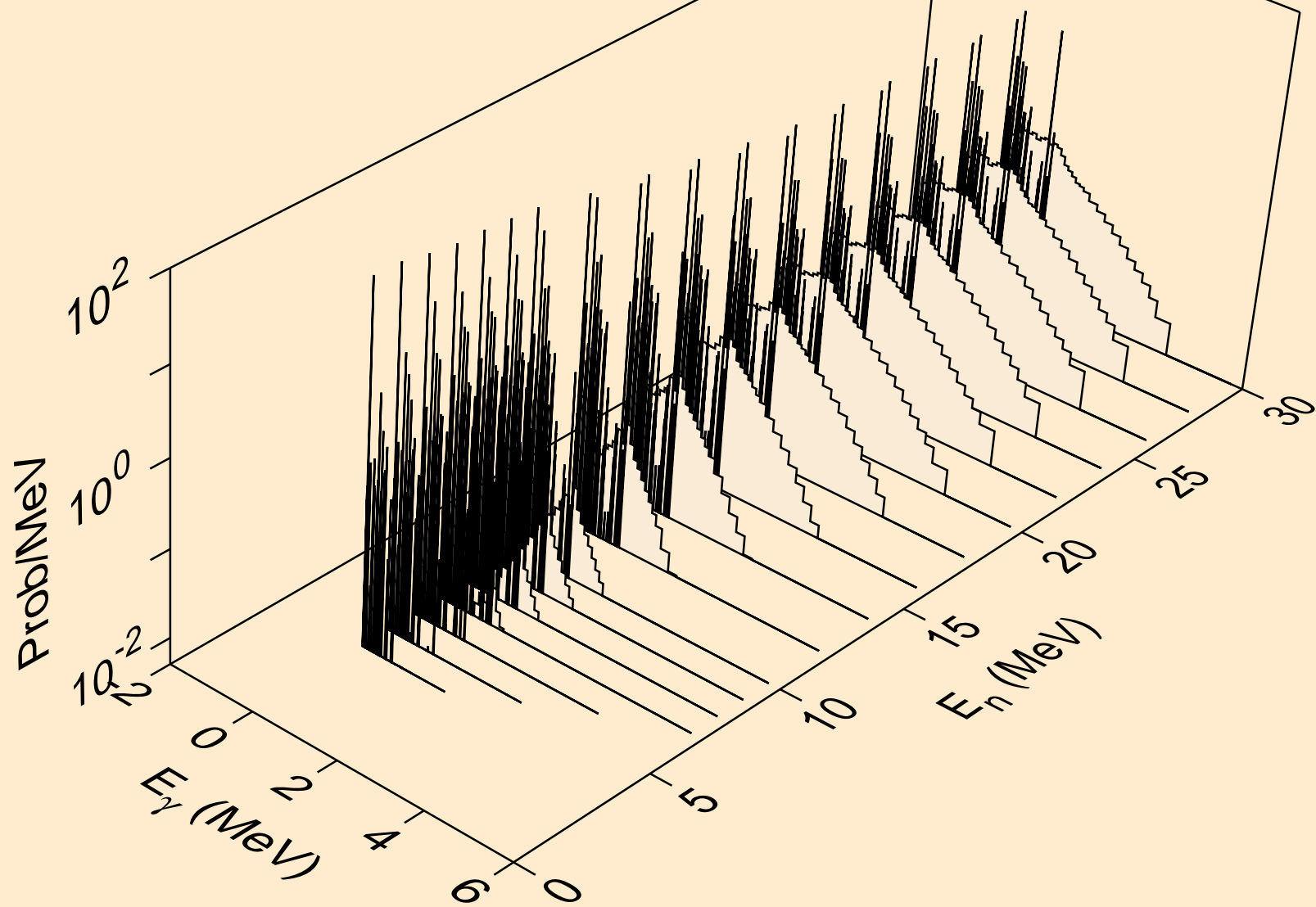




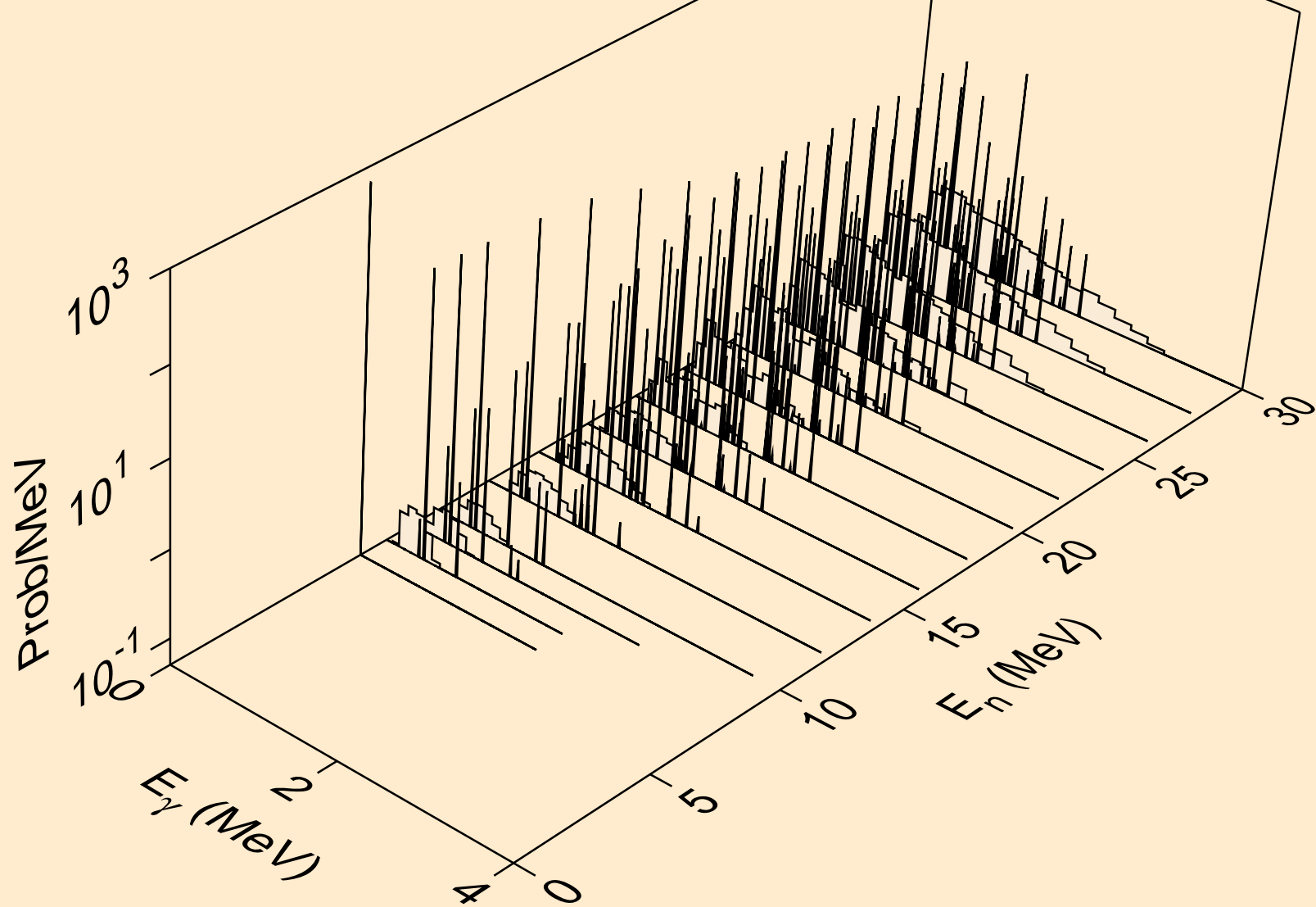
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



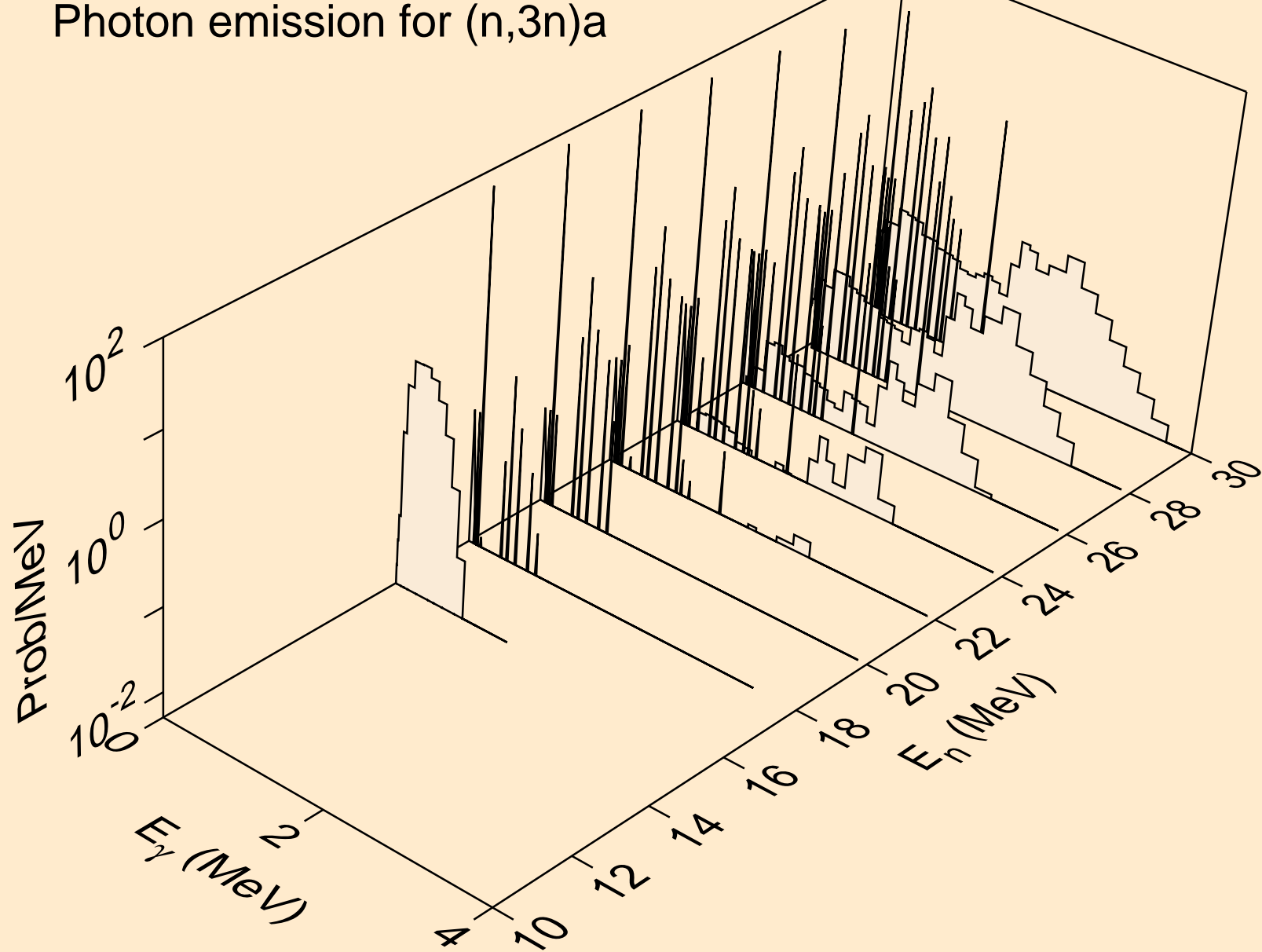
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



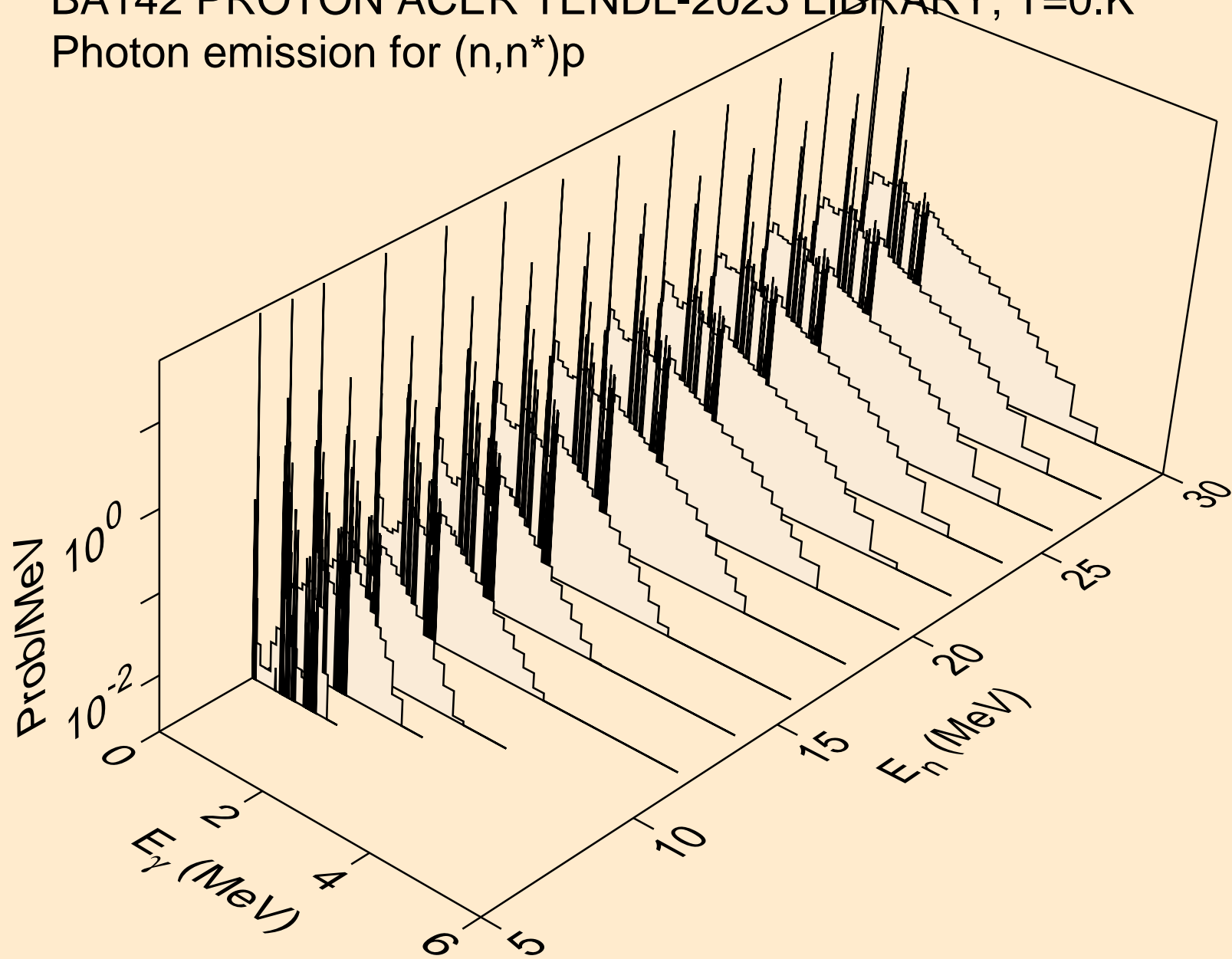
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



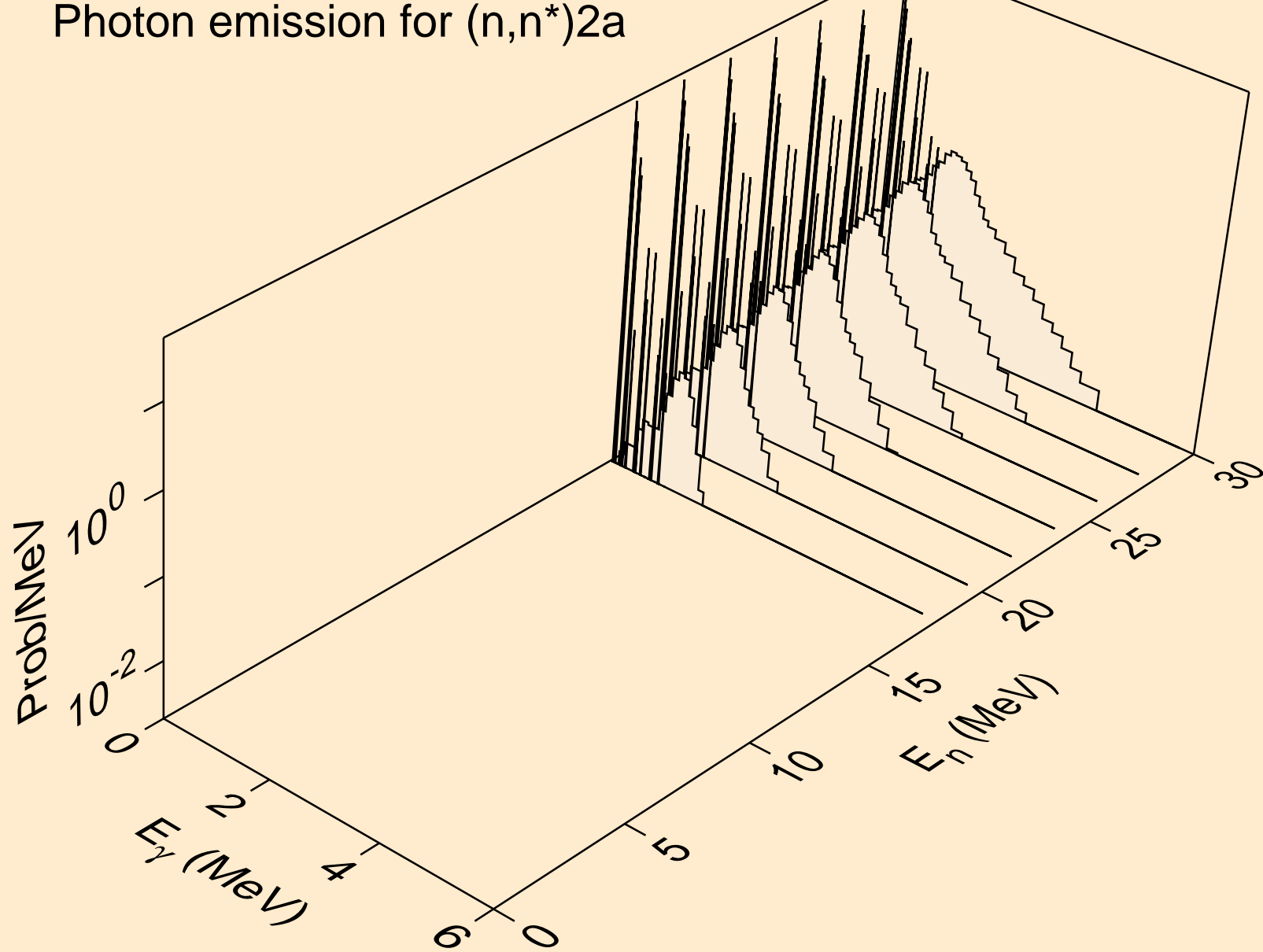
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



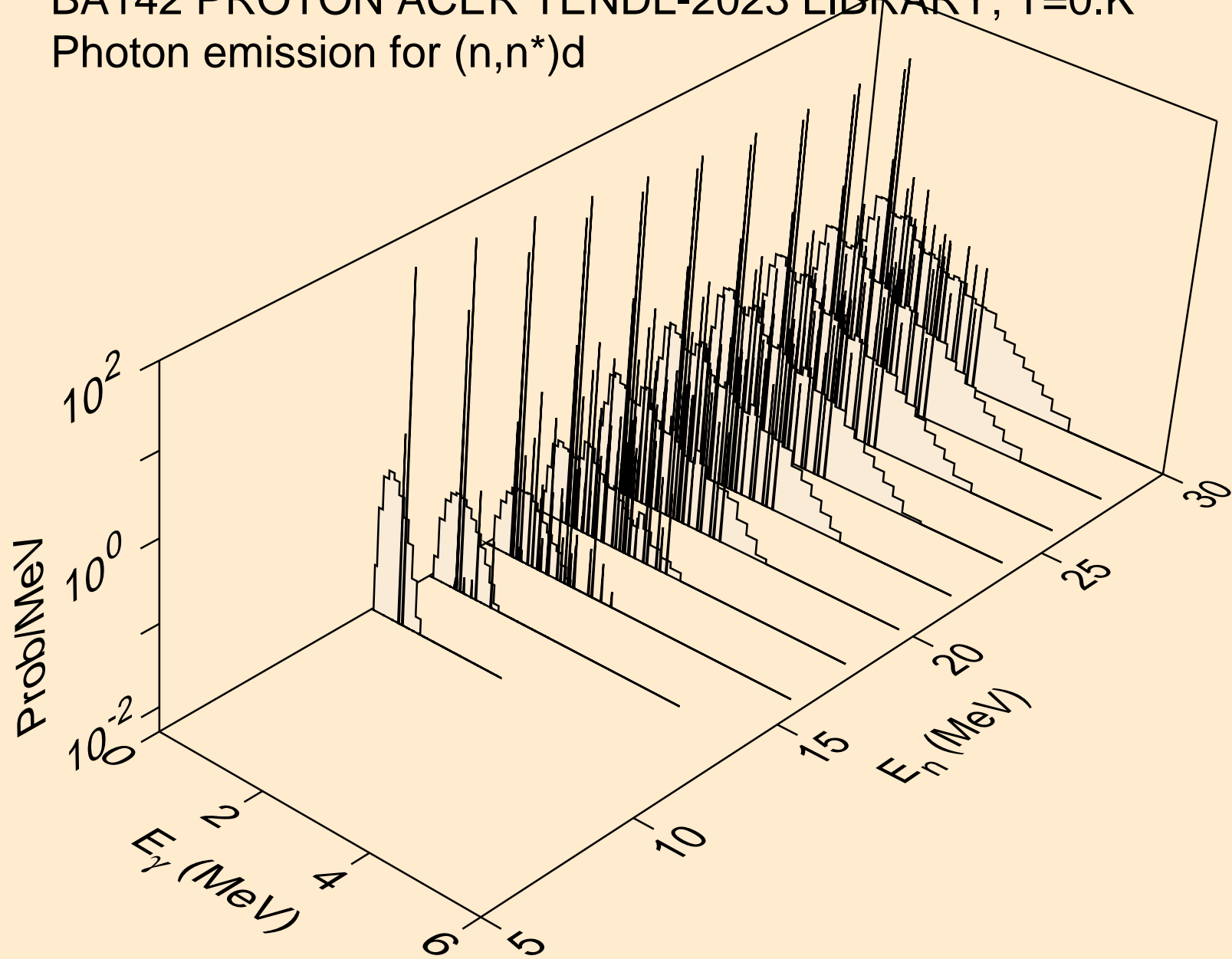
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



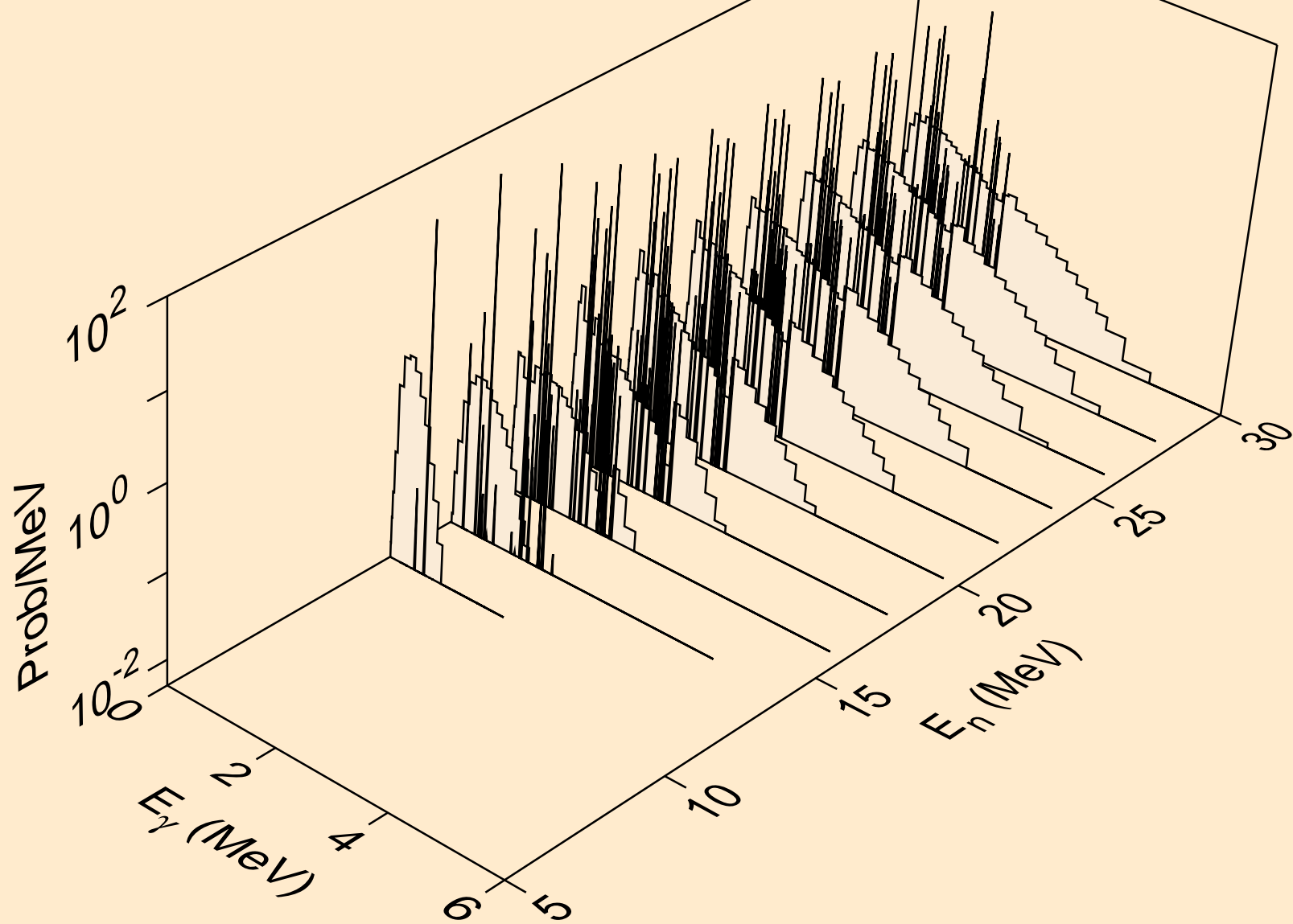
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

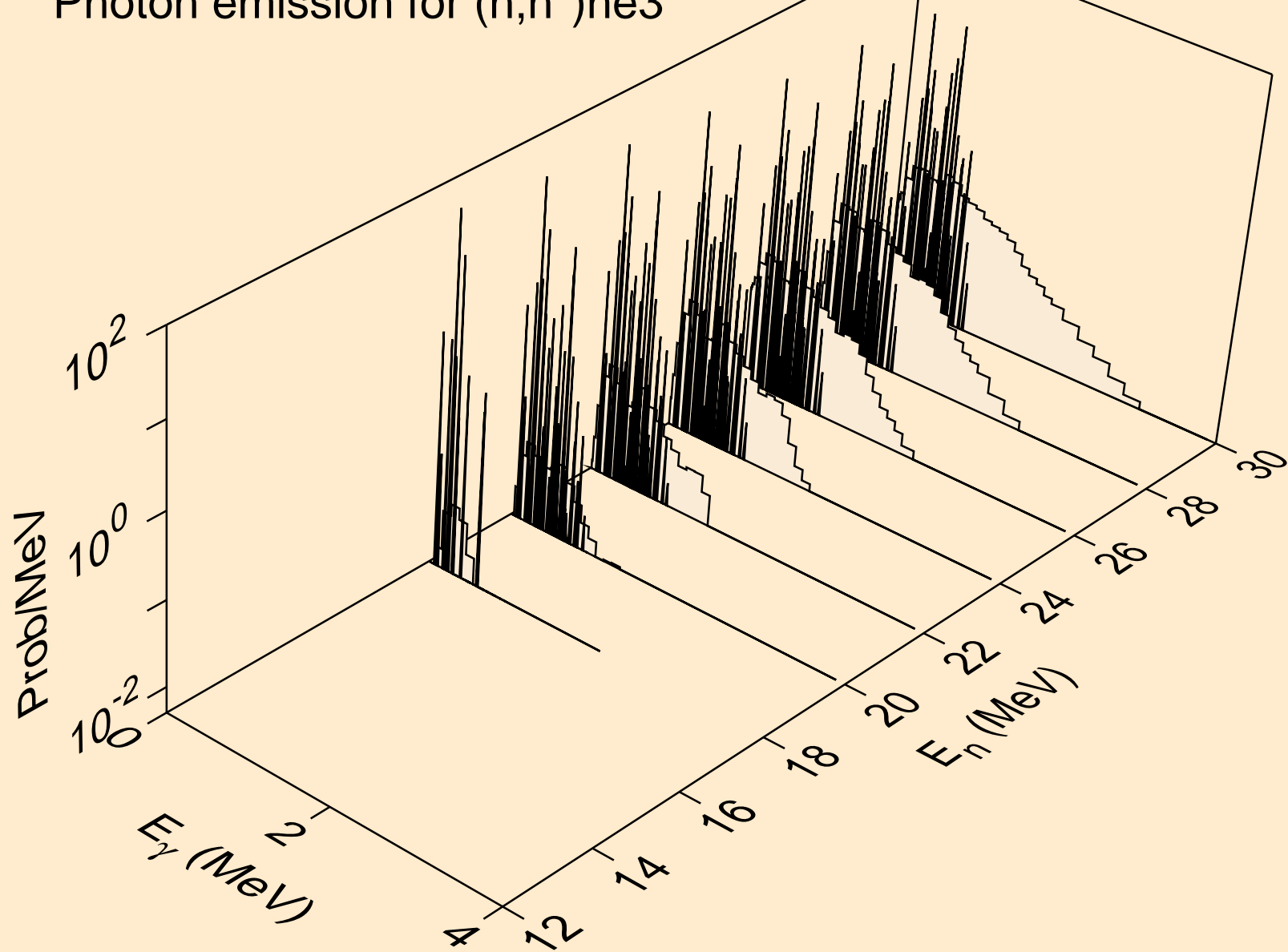


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

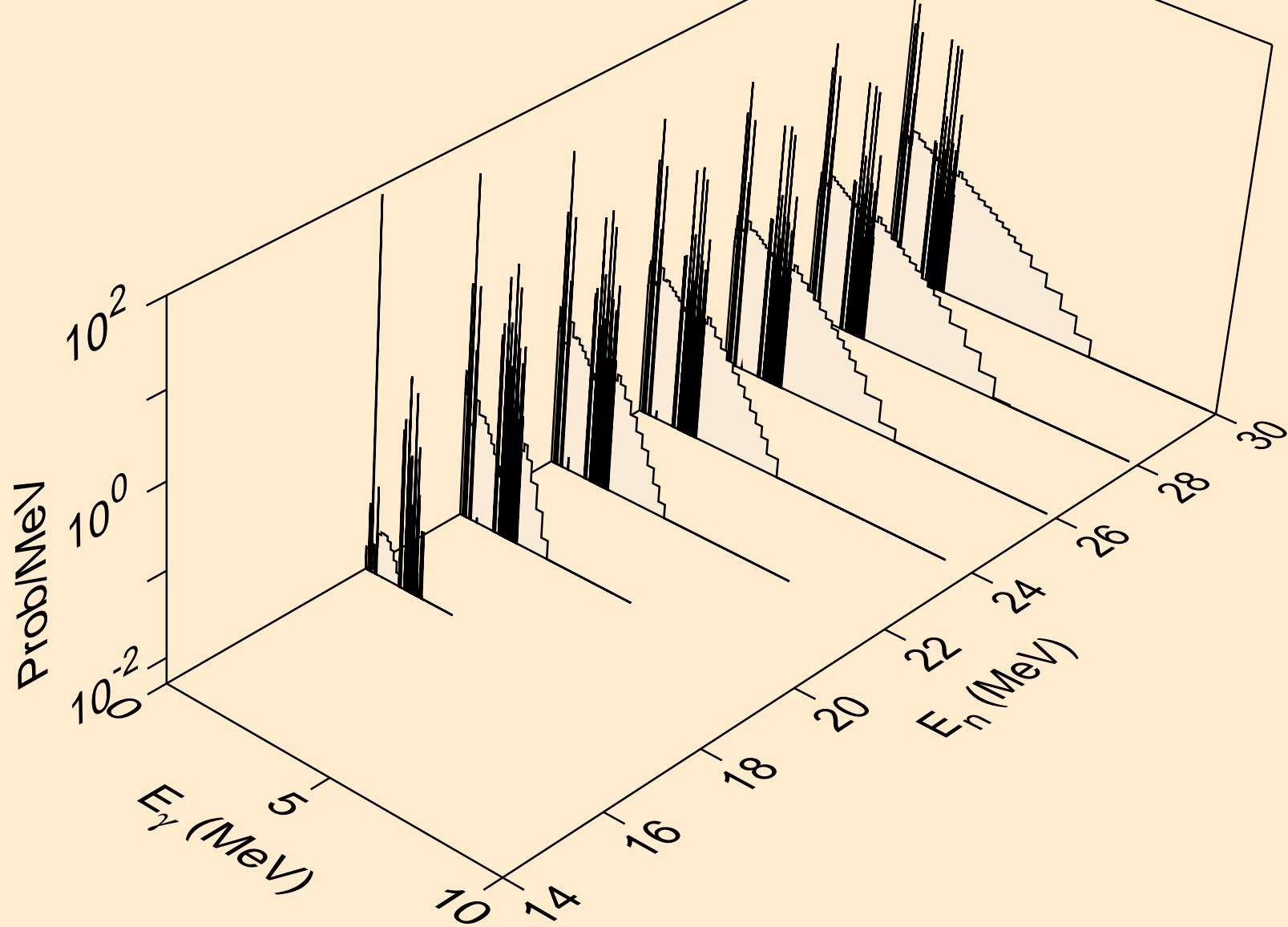




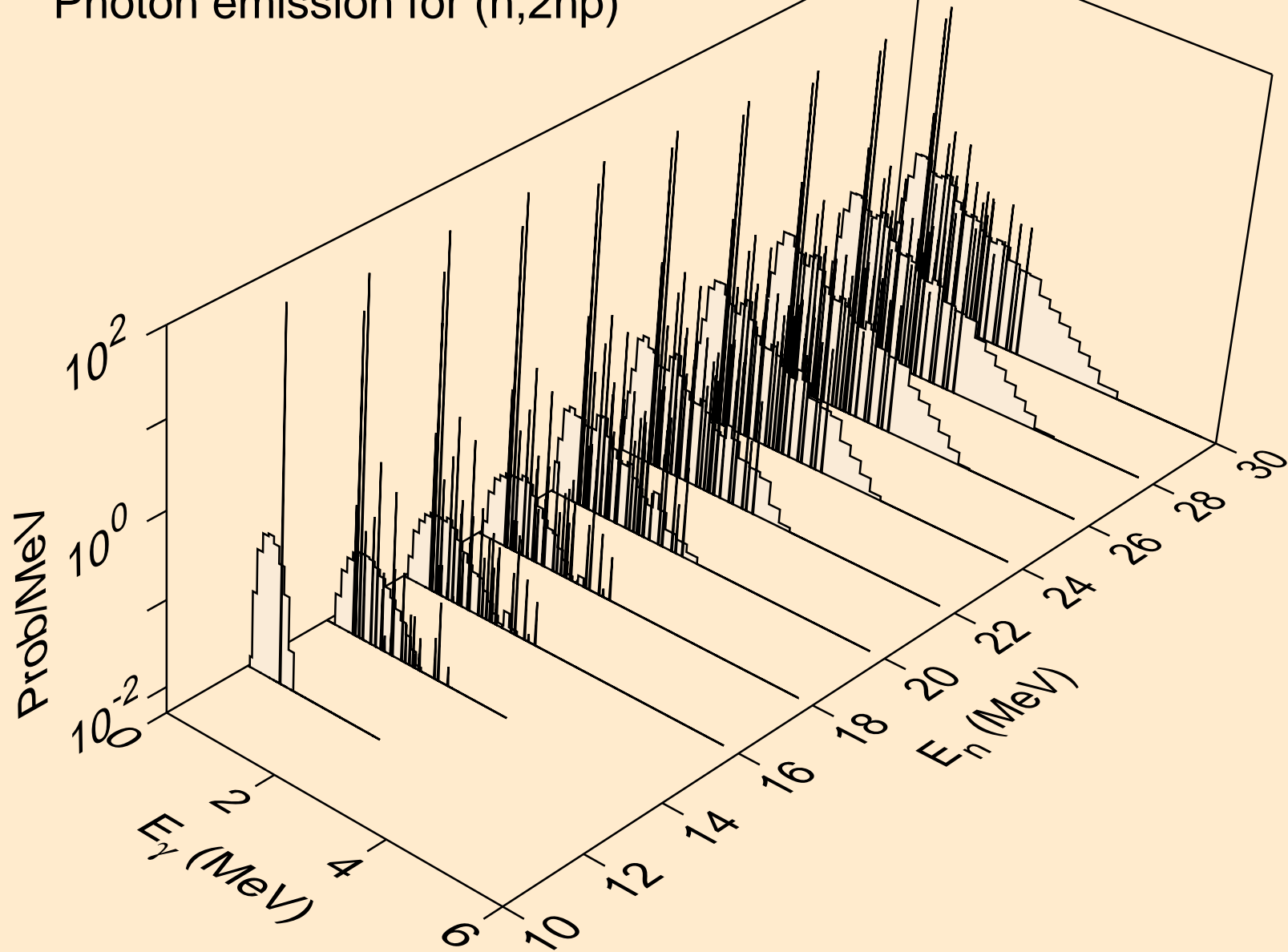
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



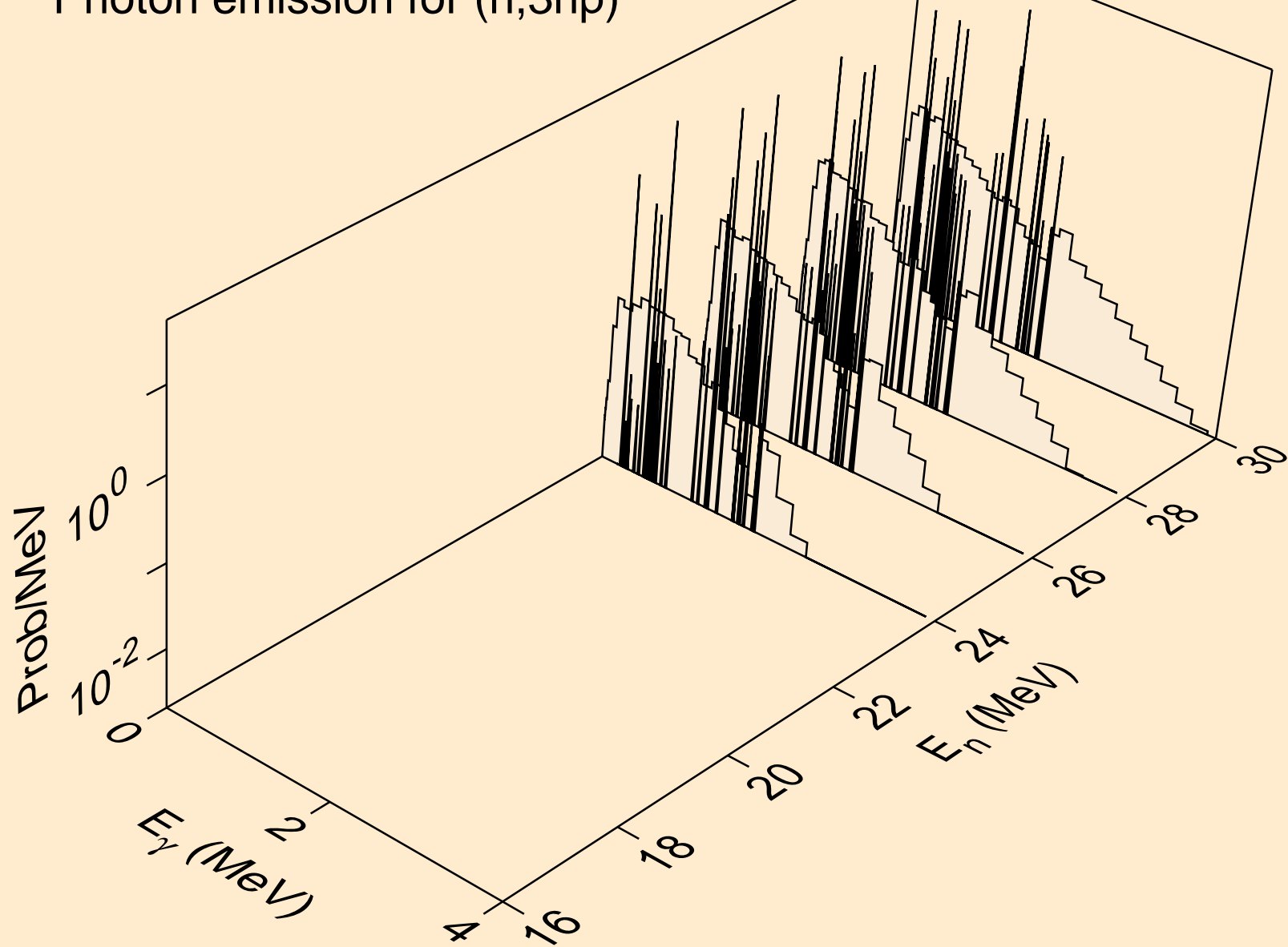
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



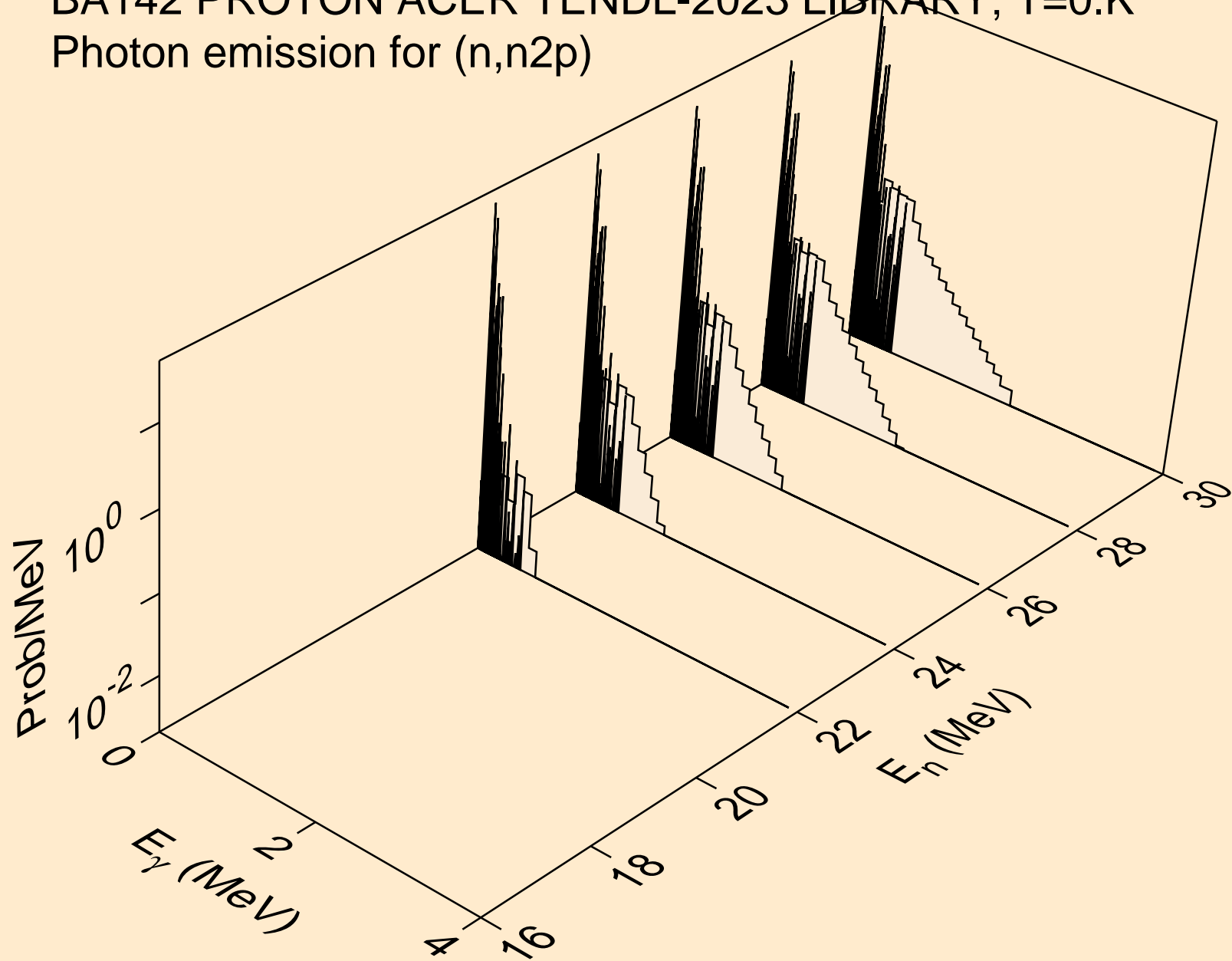
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



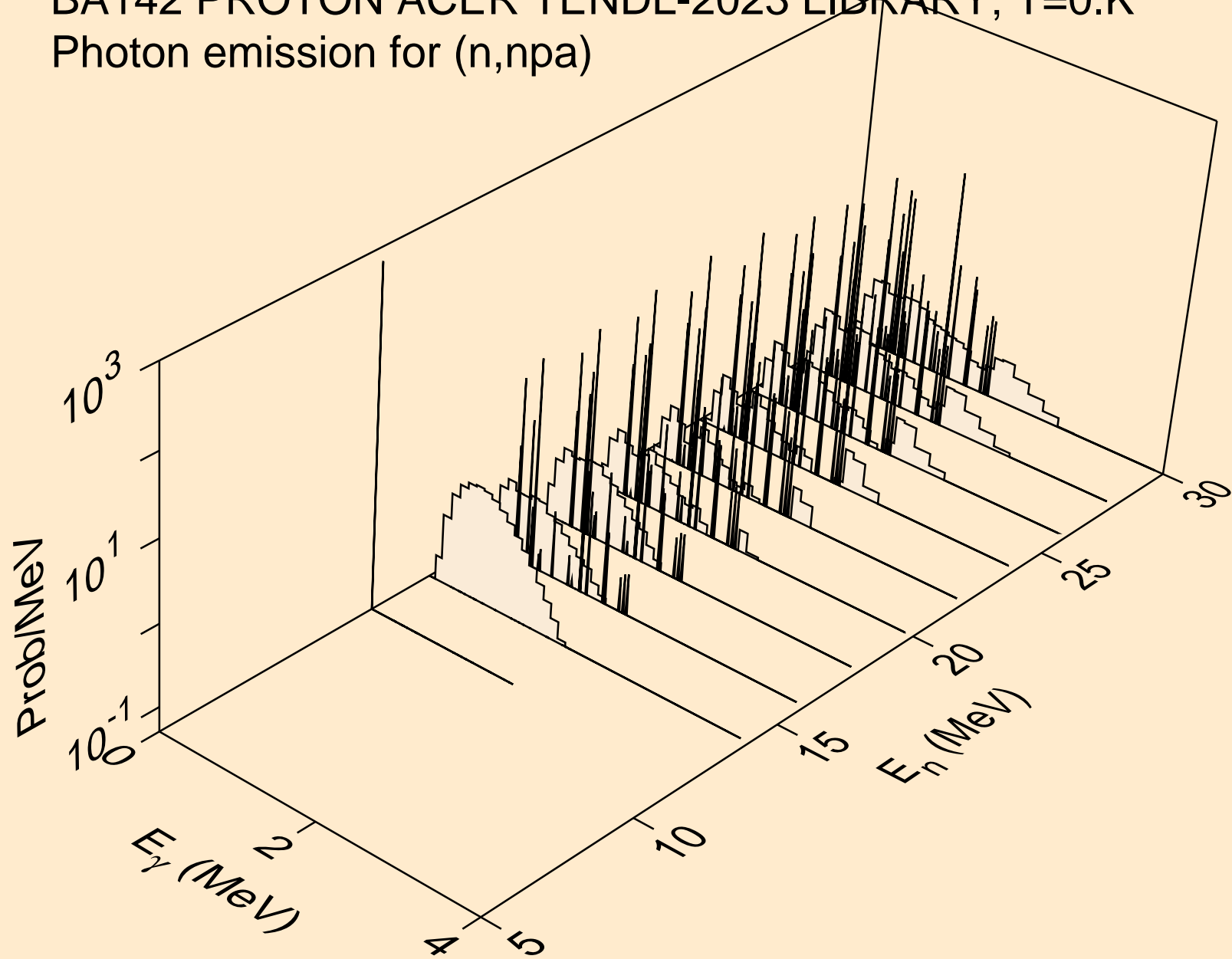
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



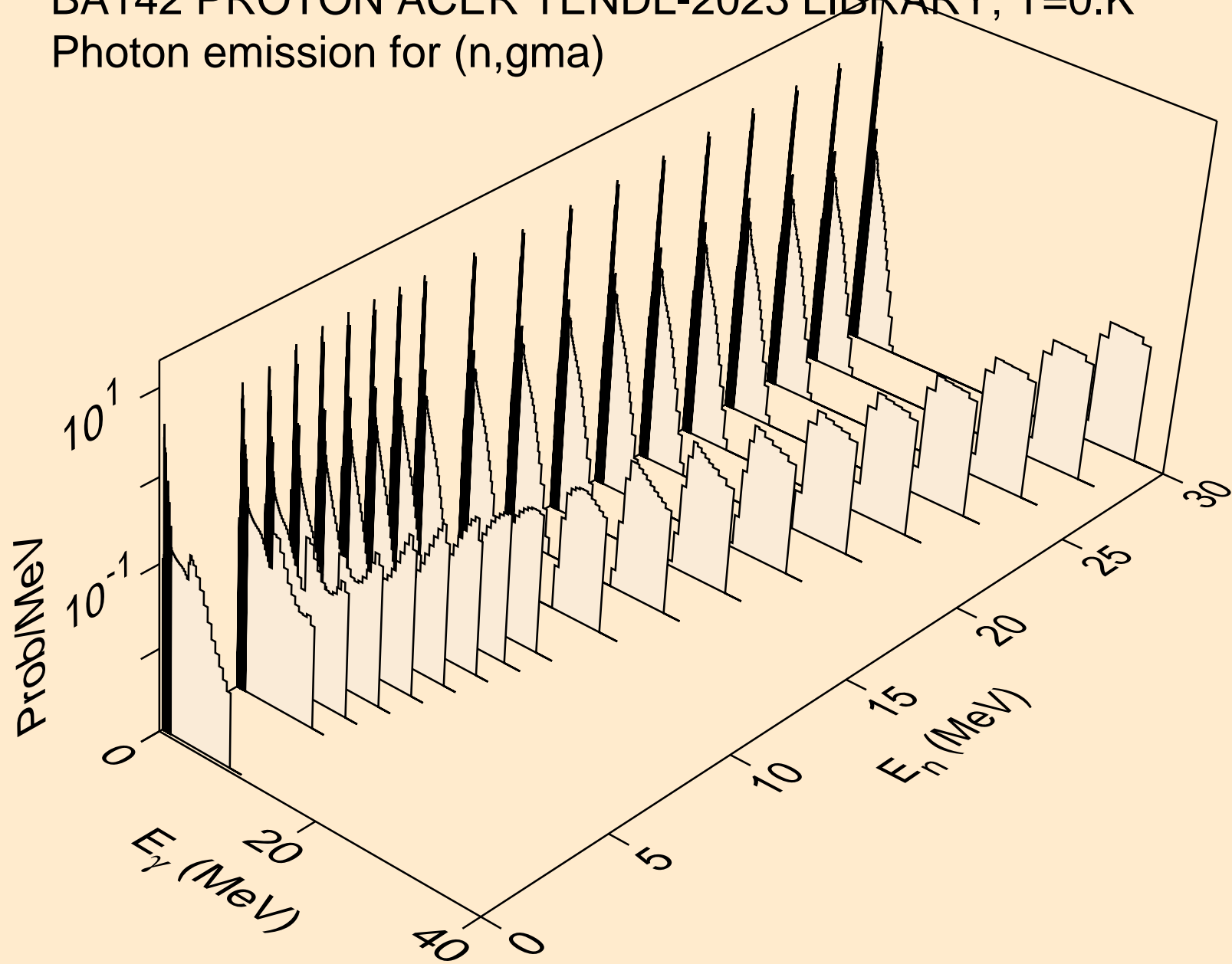
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



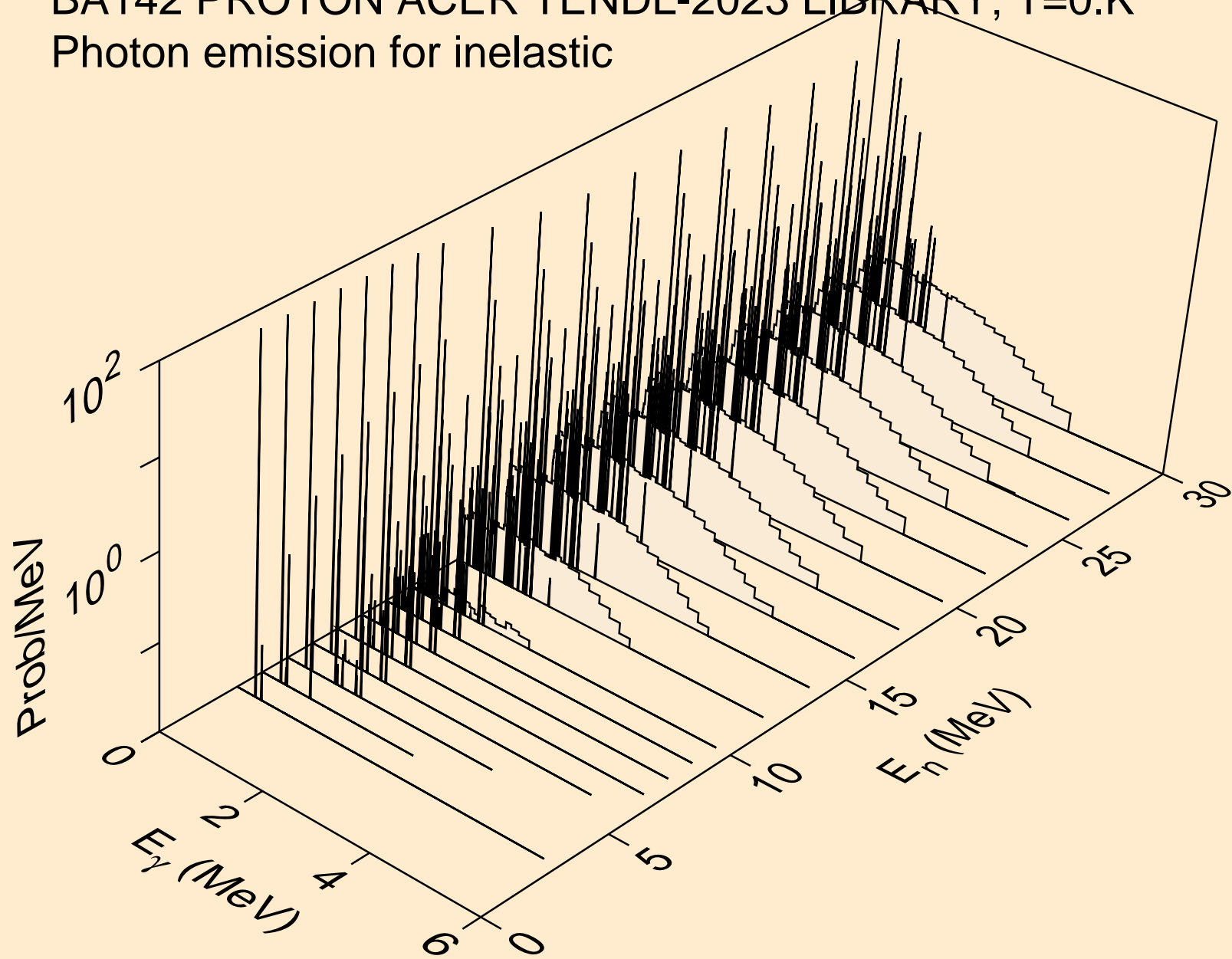
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

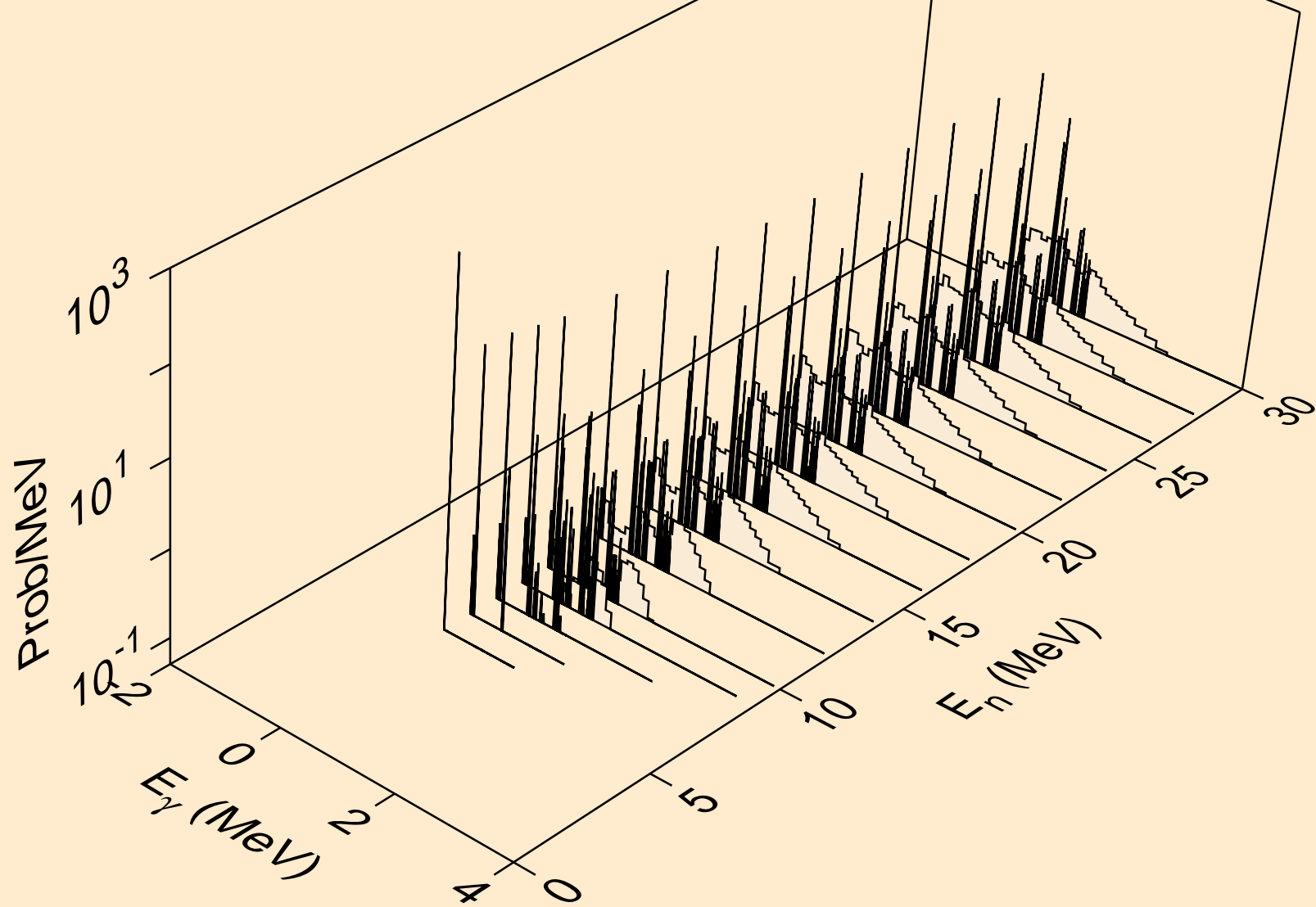


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

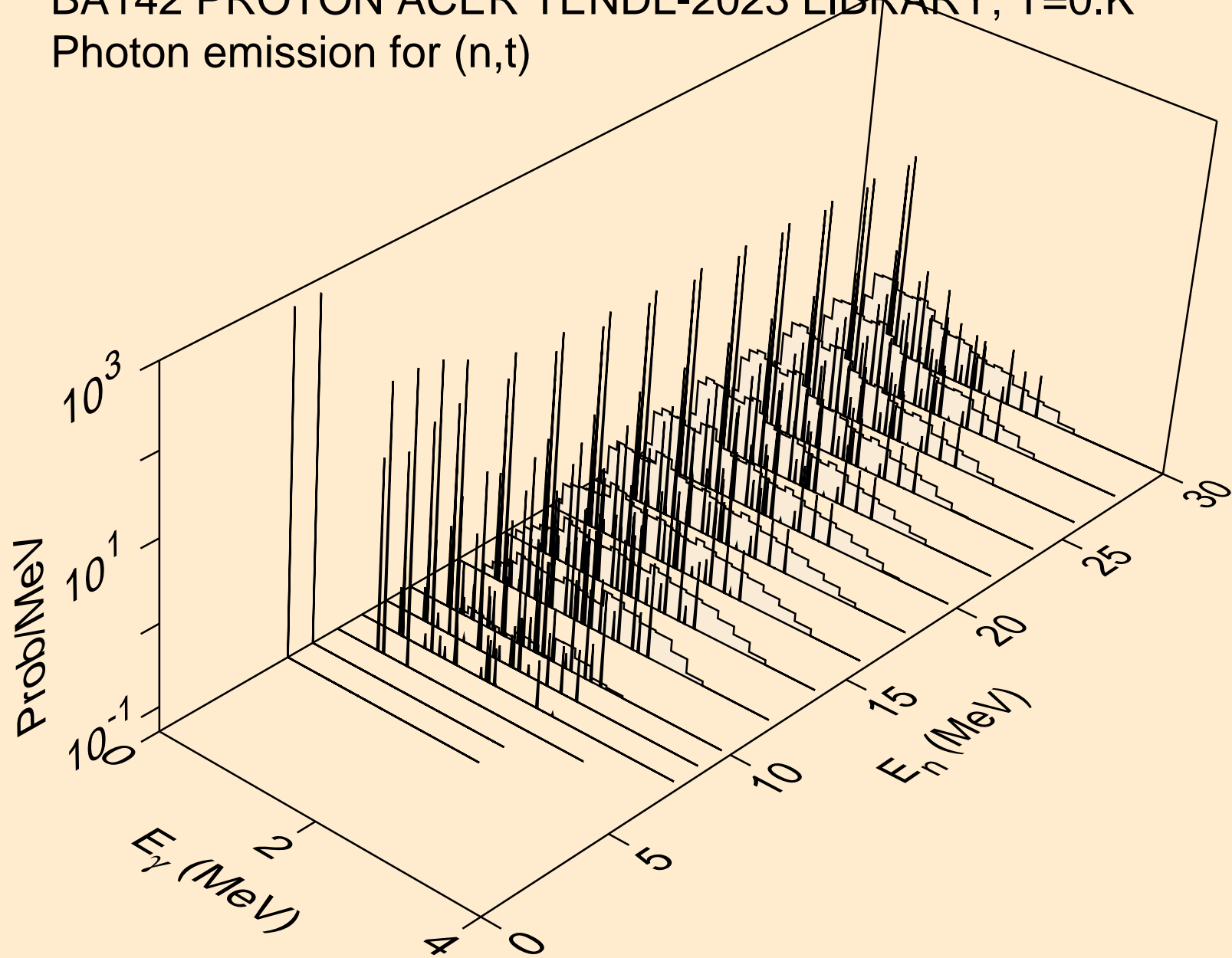




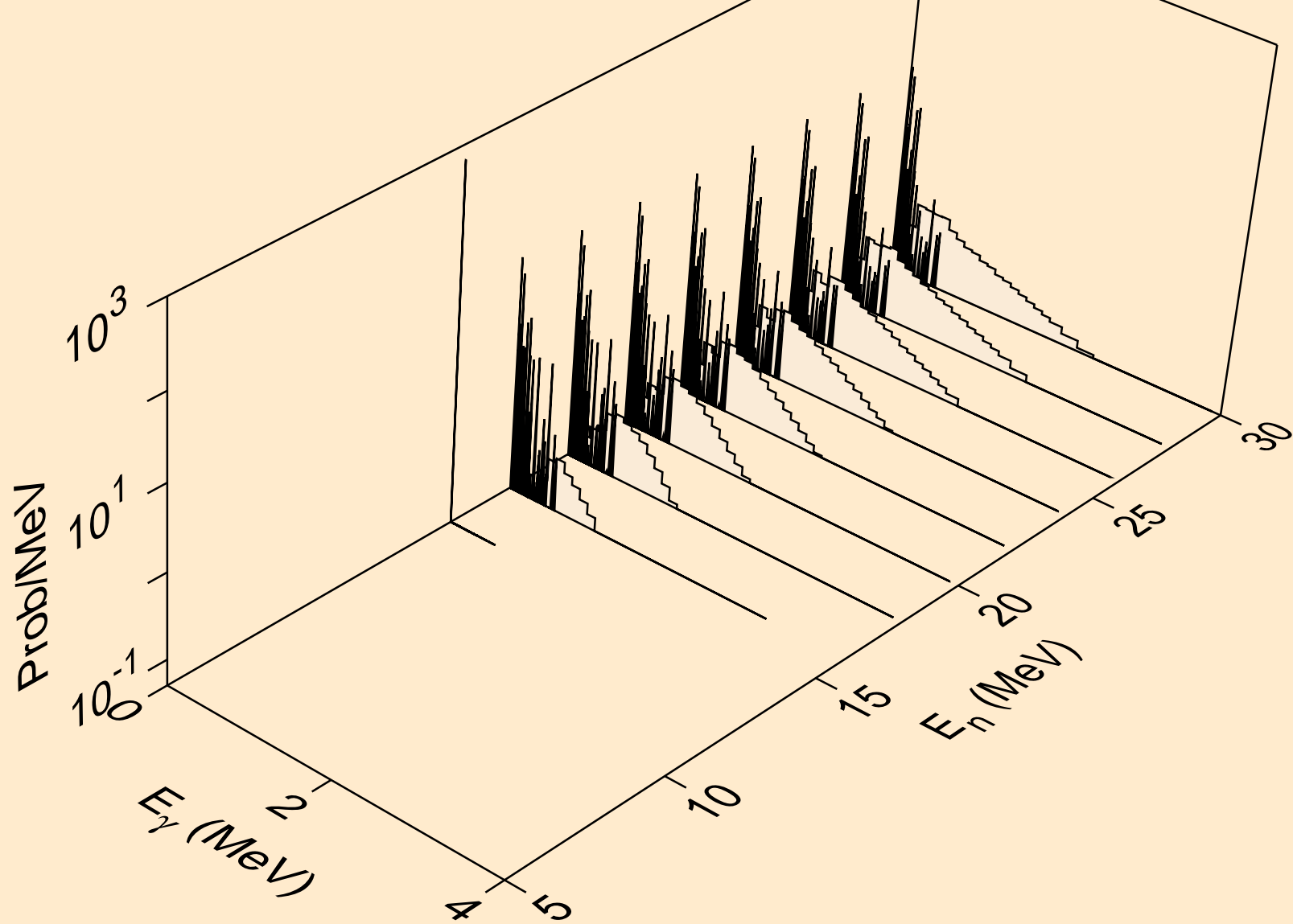
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



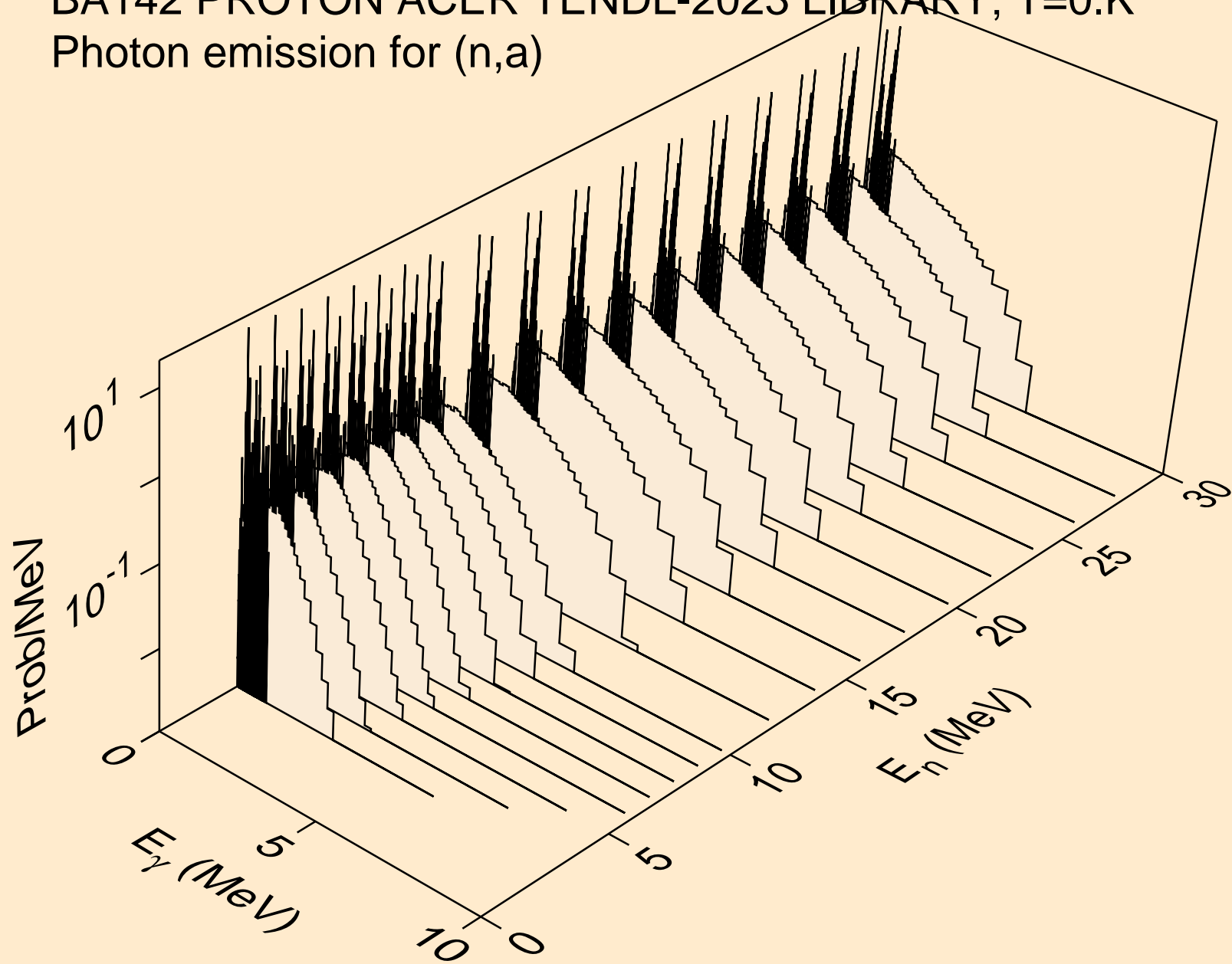
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



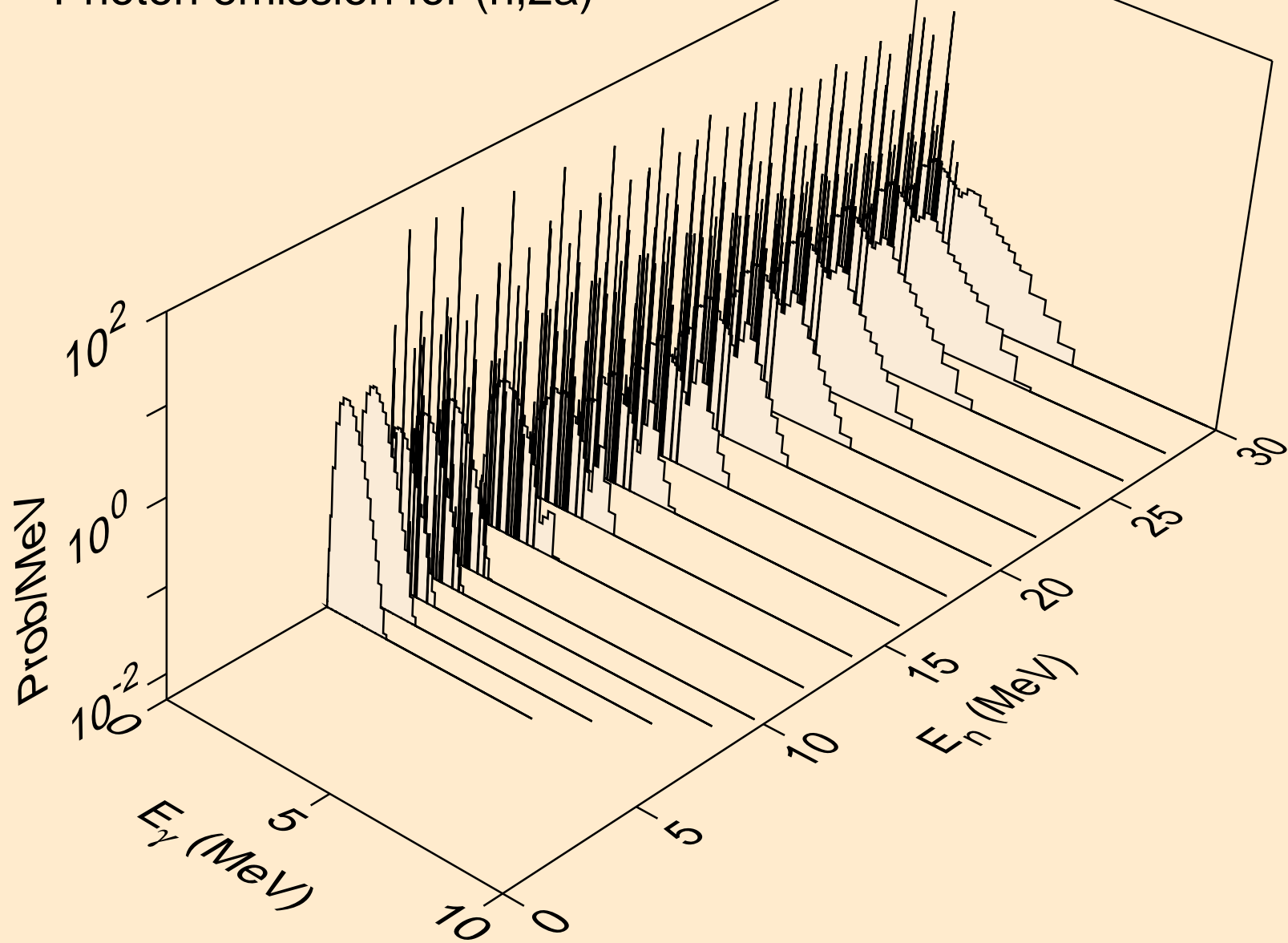
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



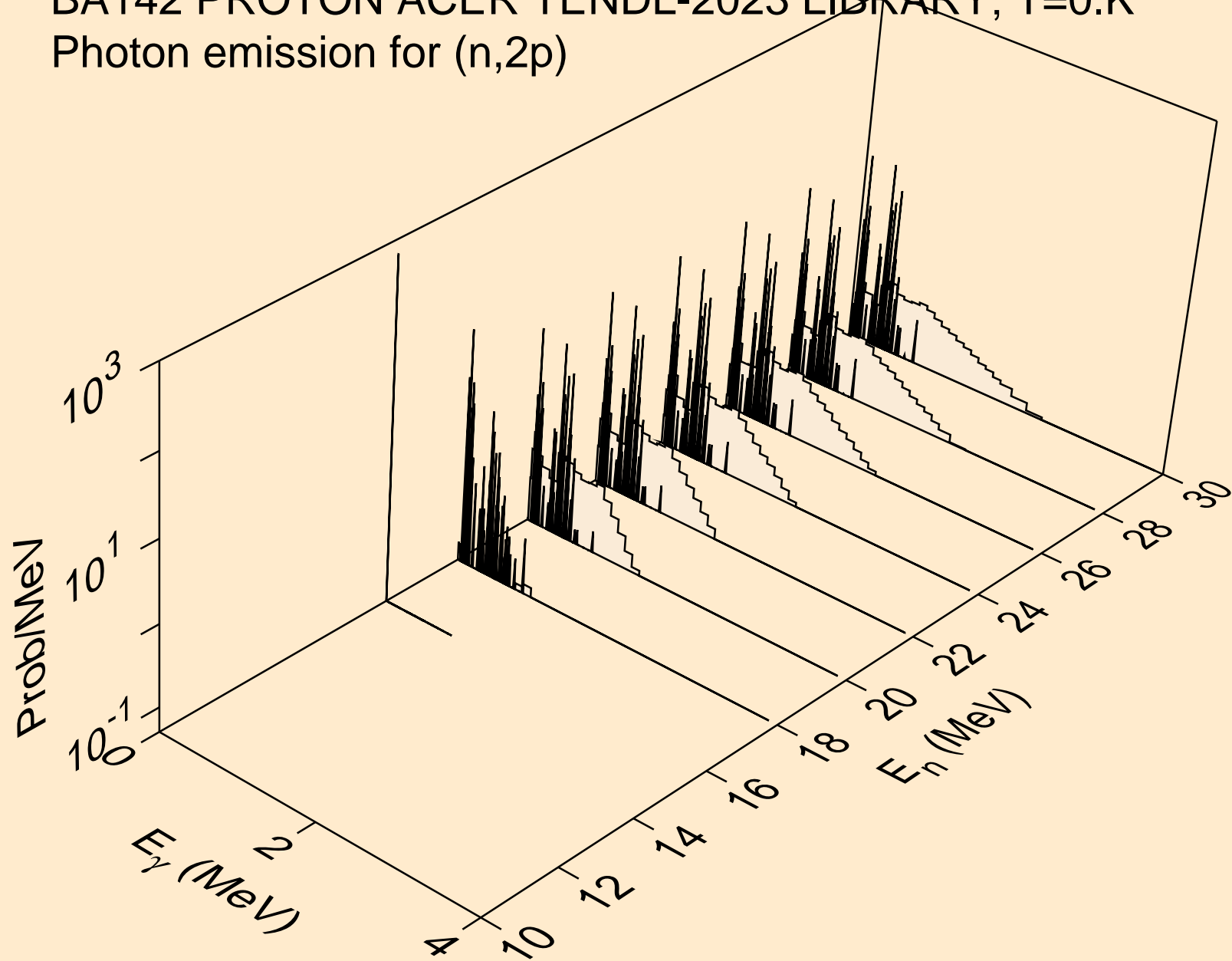
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



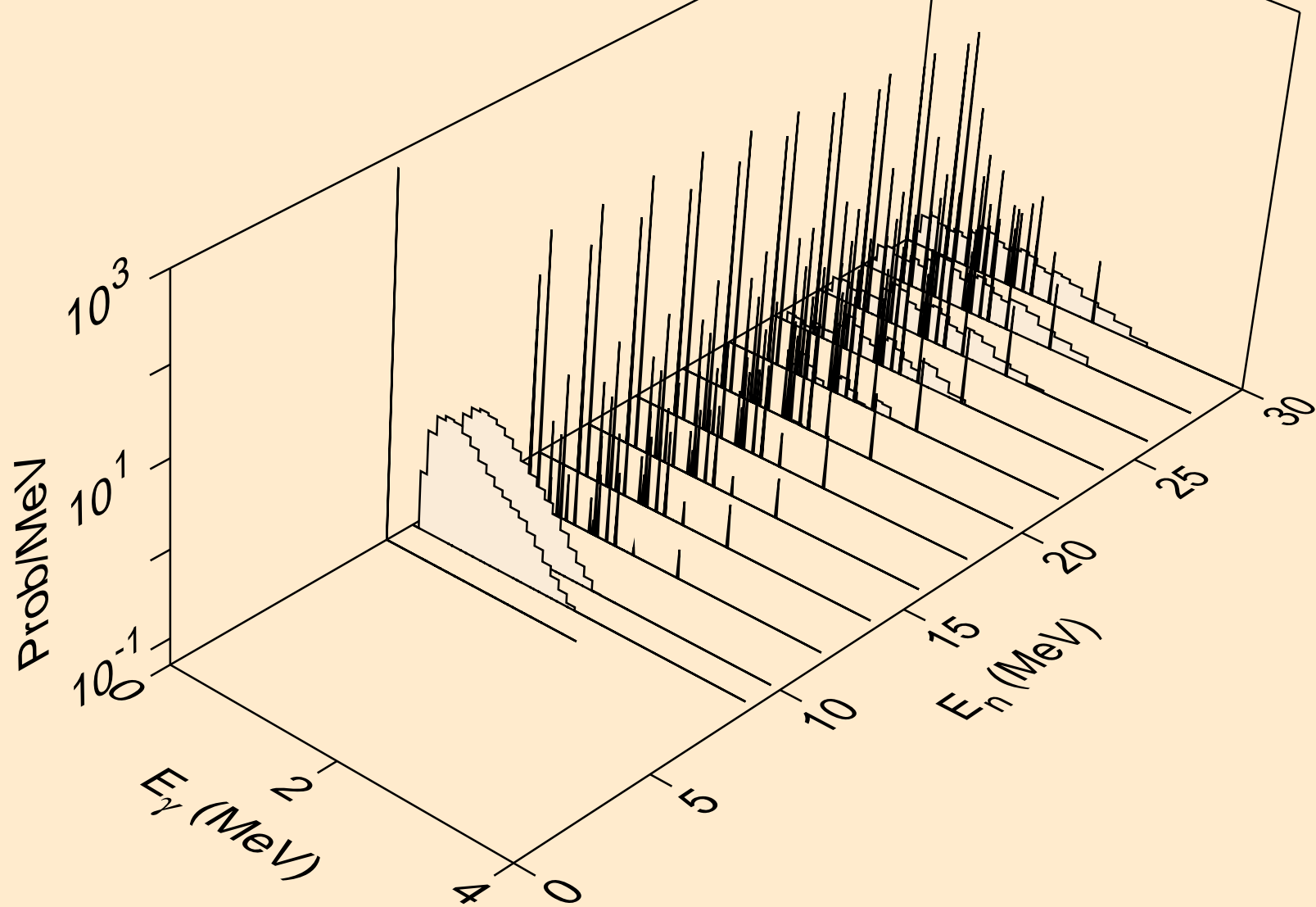
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



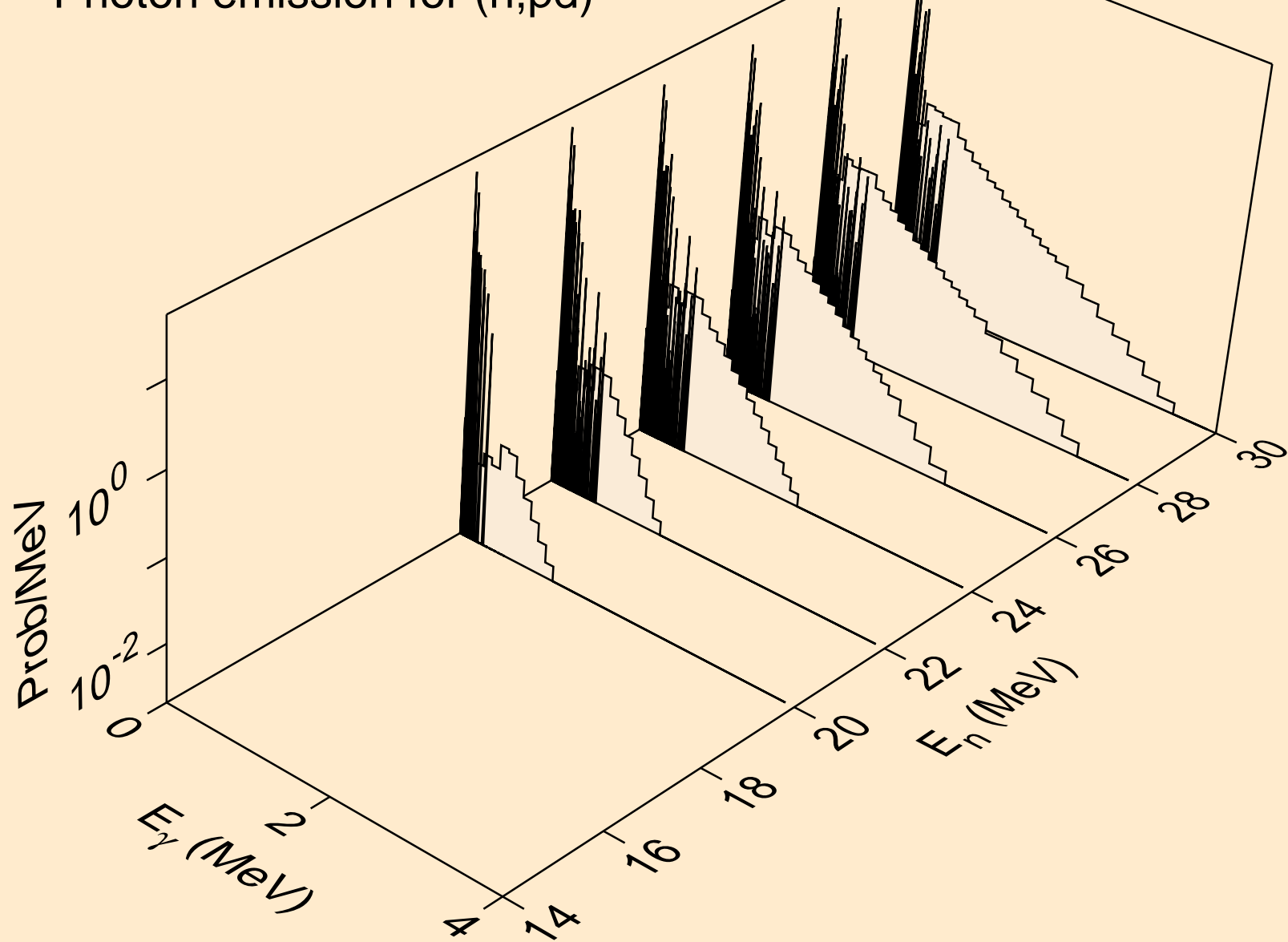
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

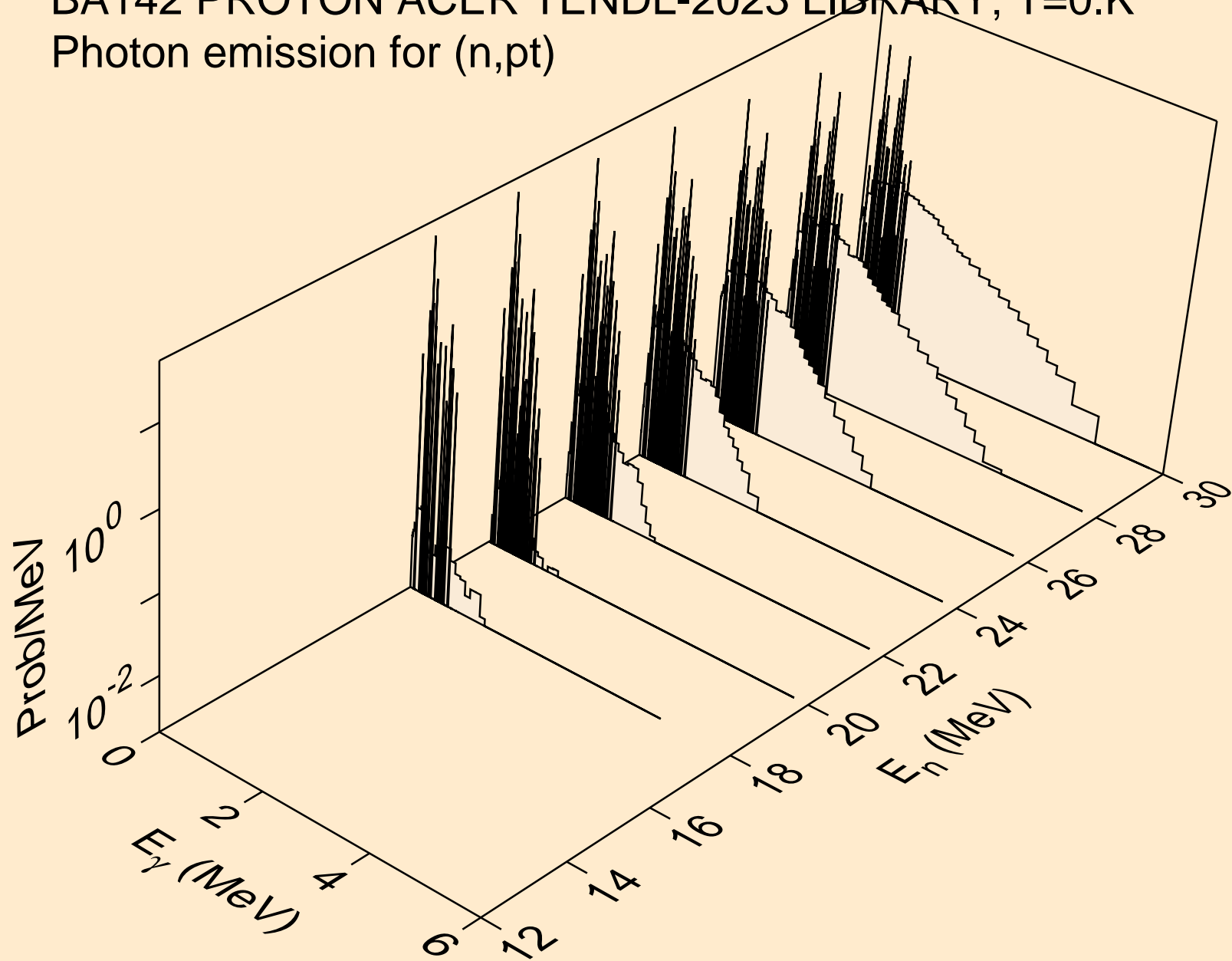


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

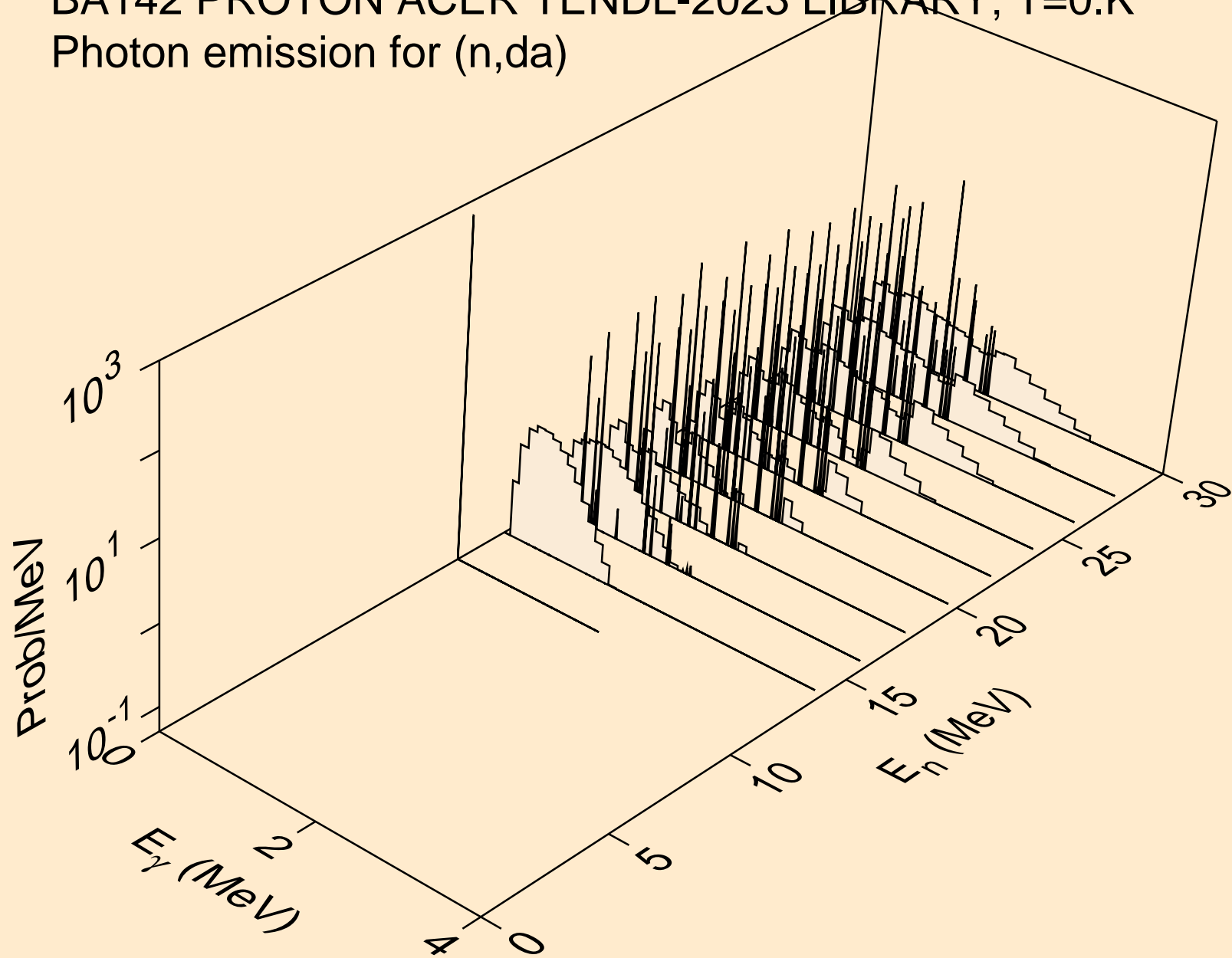




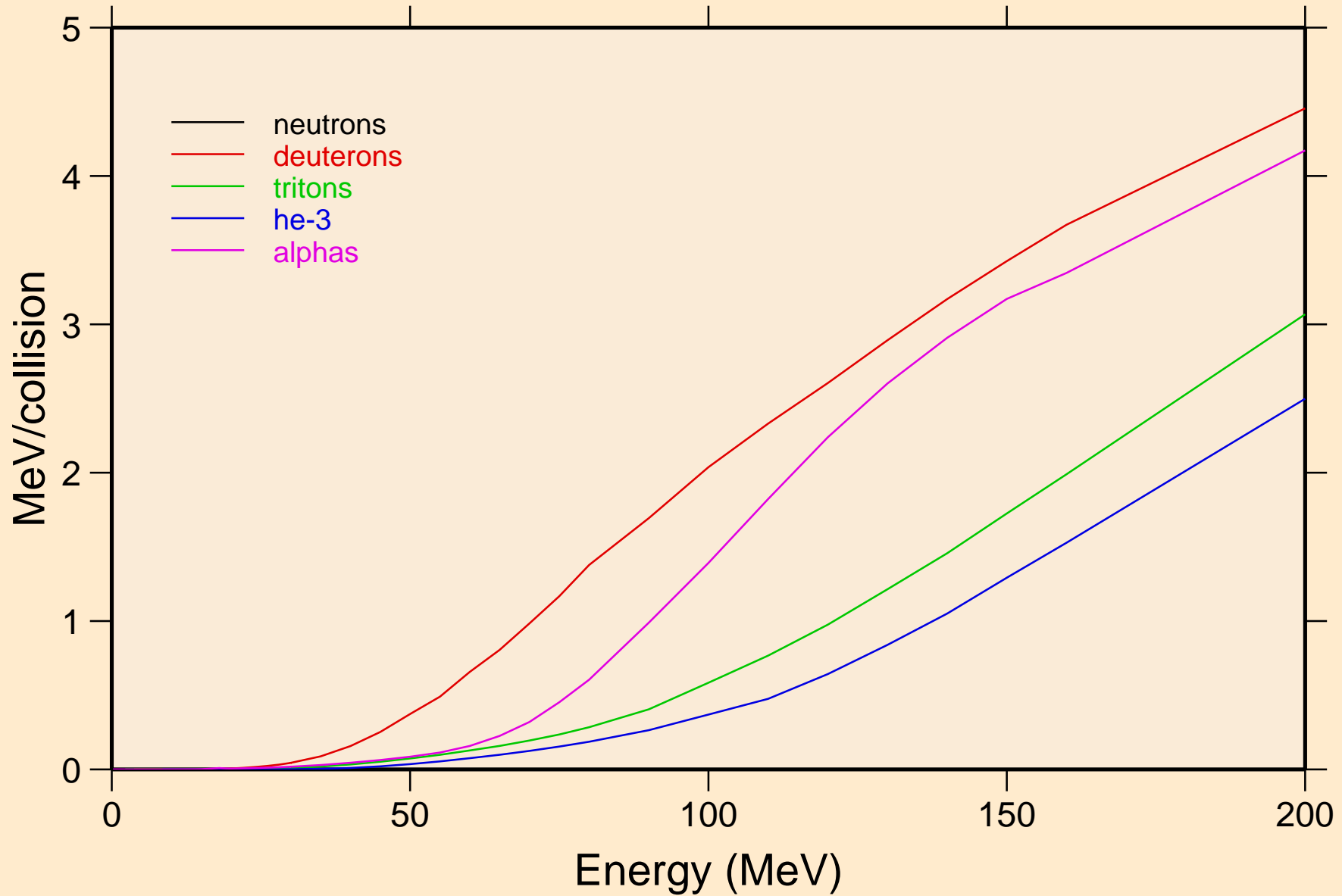
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

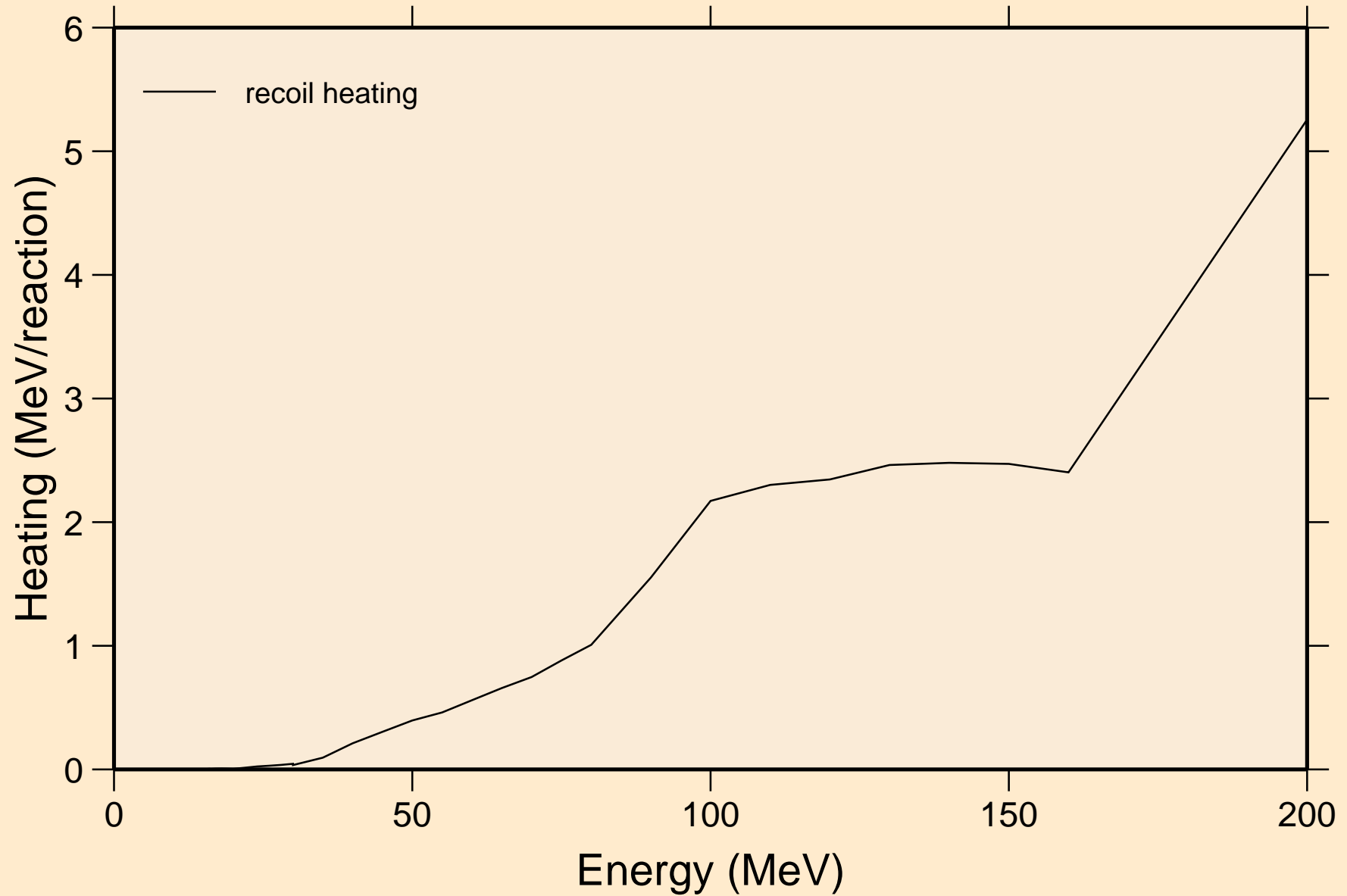


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

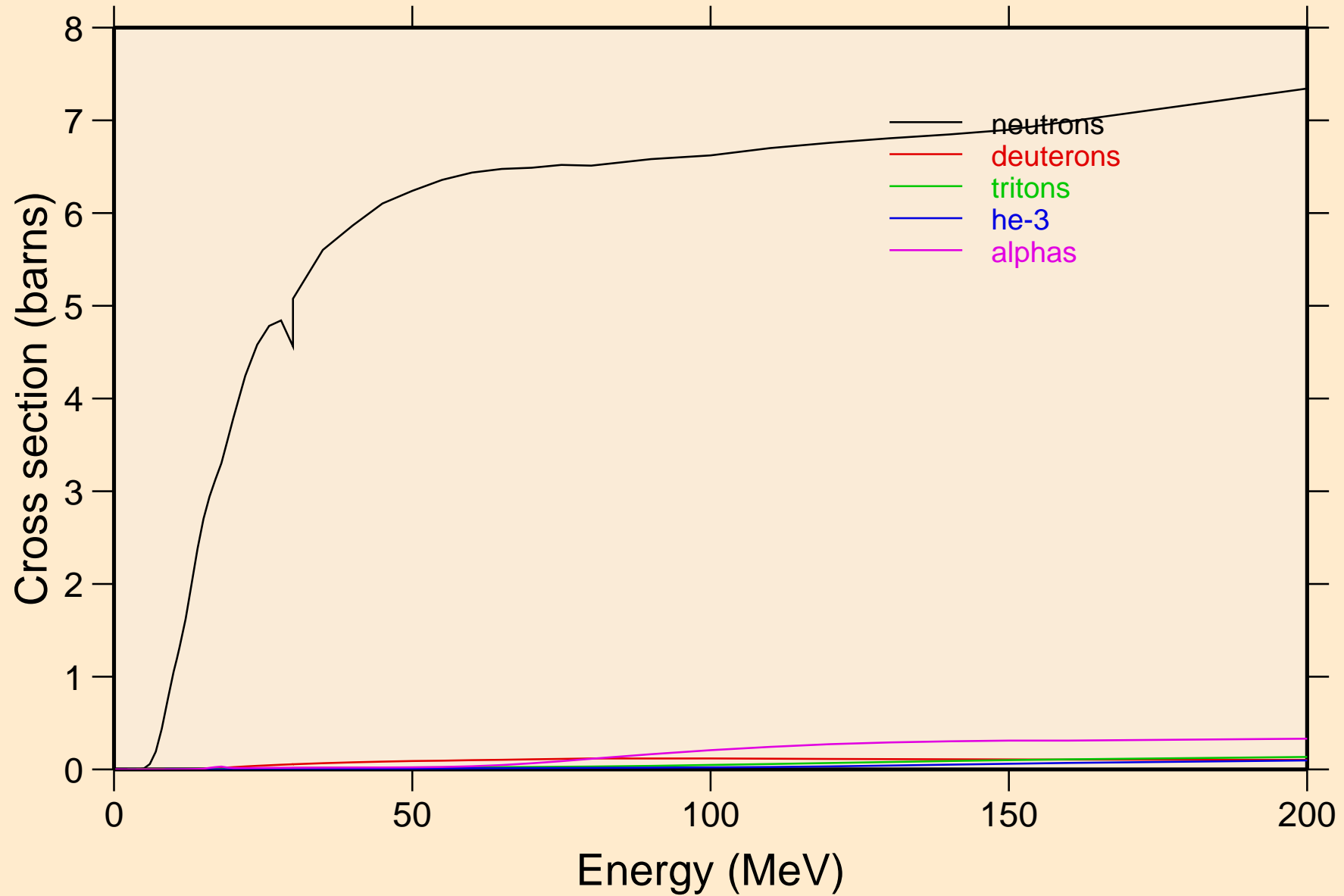


# BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

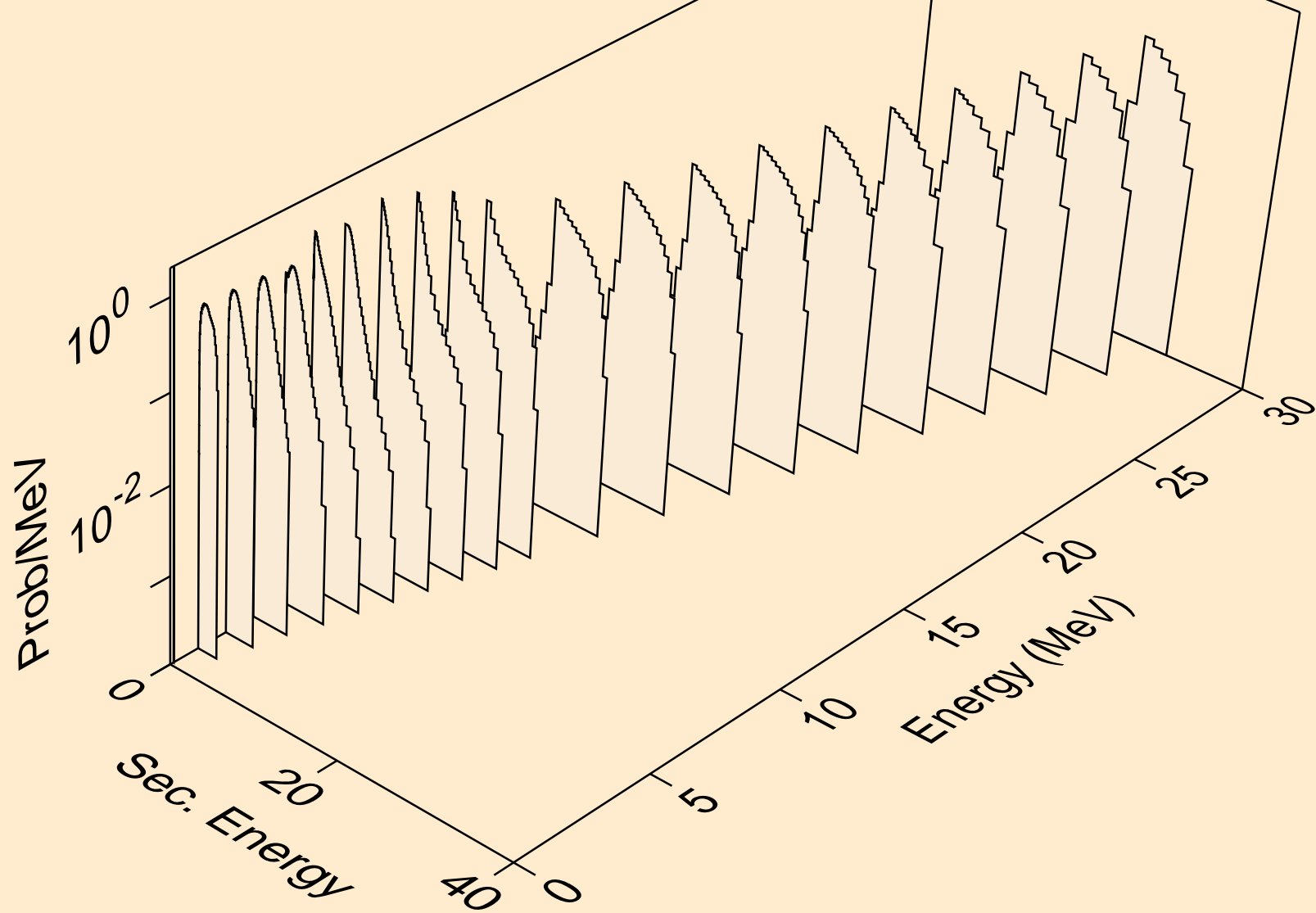
## Recoil Heating



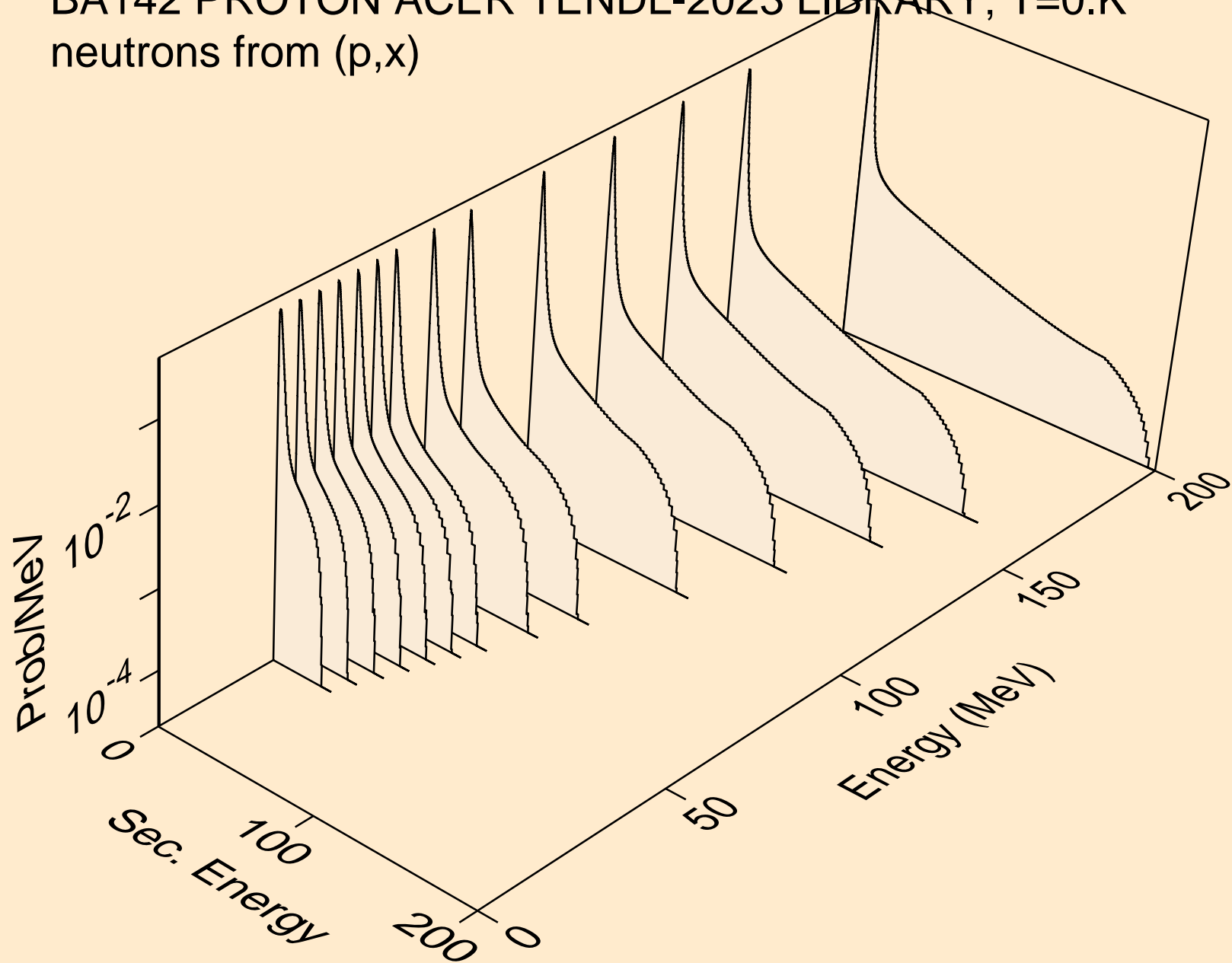
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



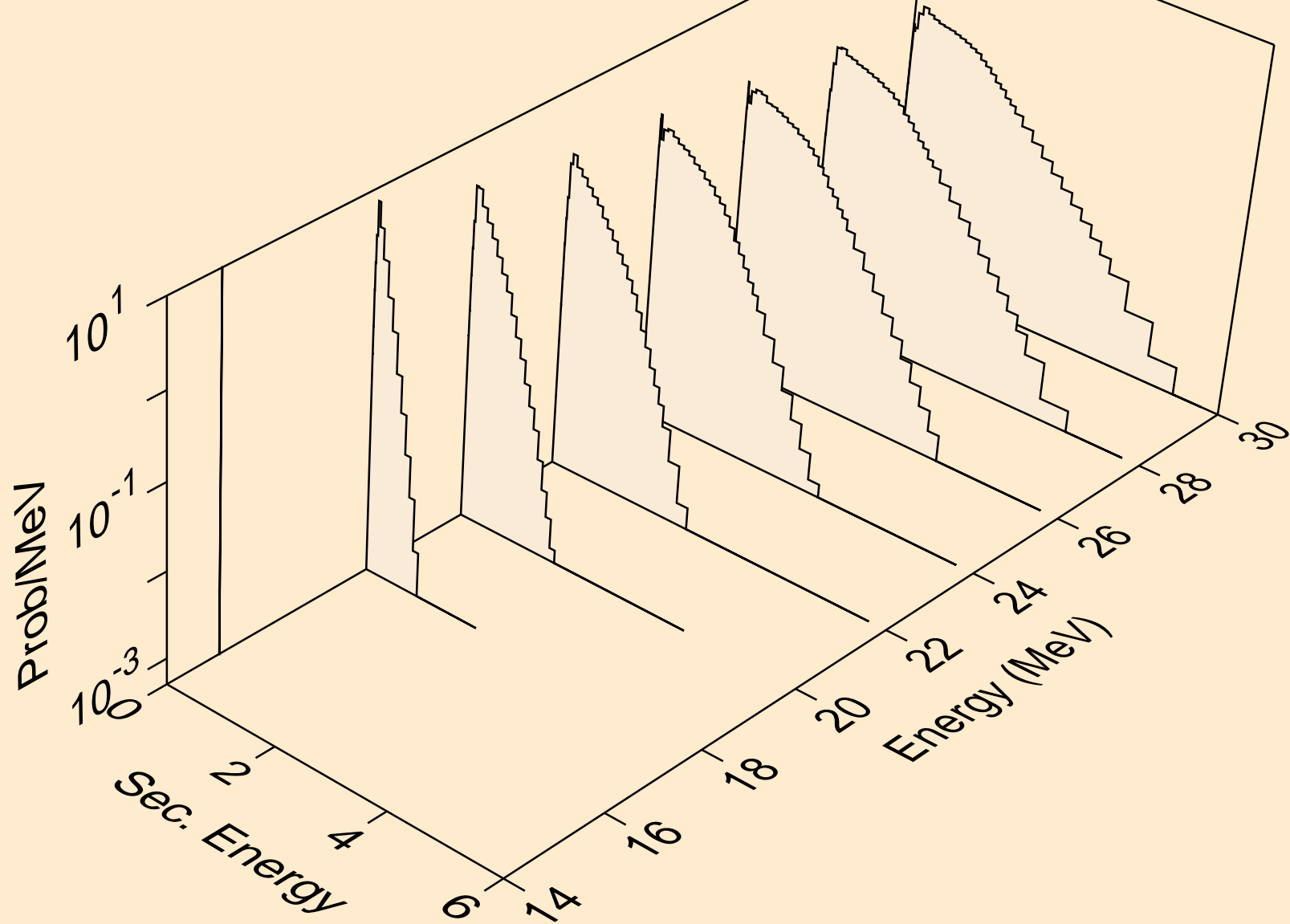
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

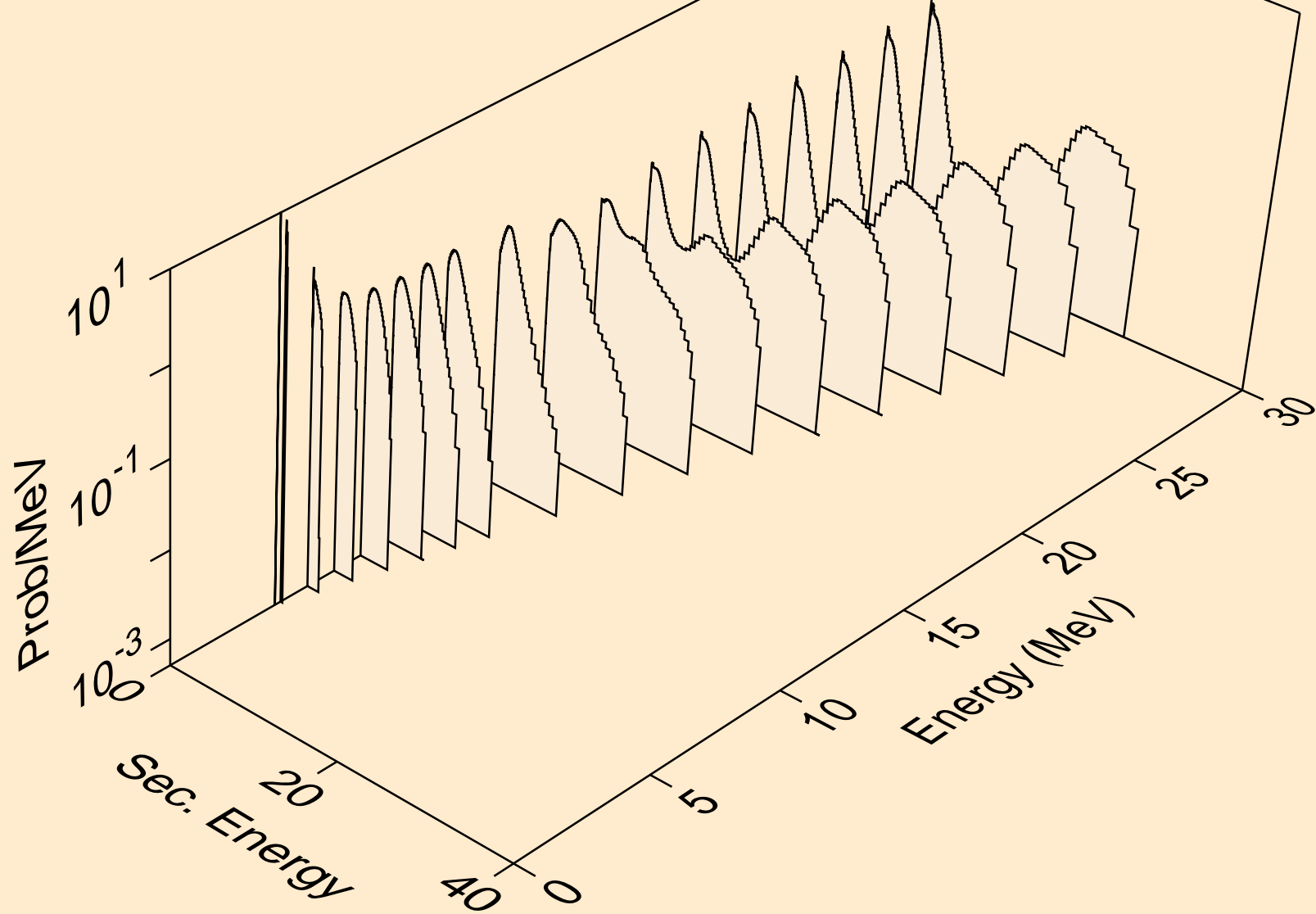


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

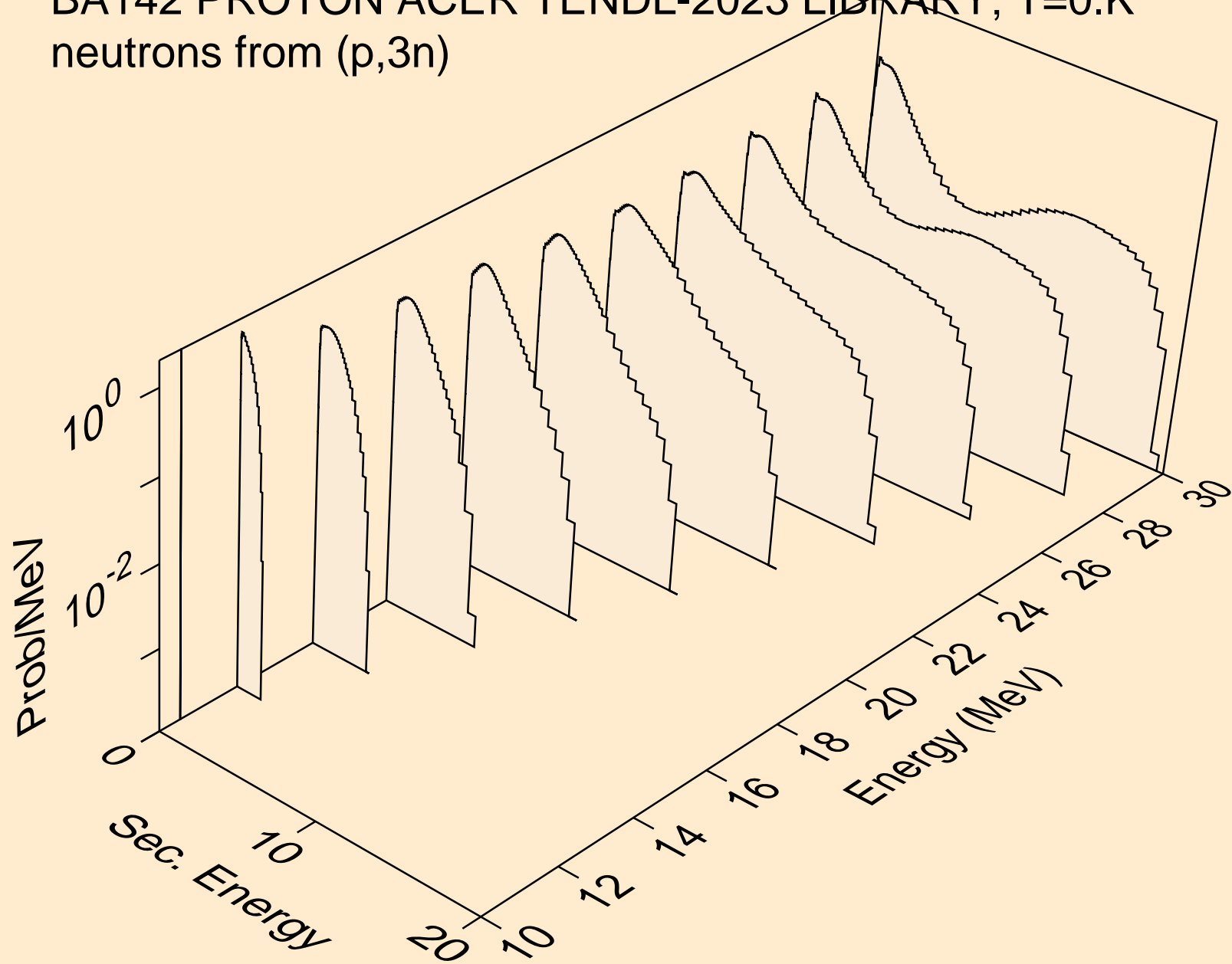




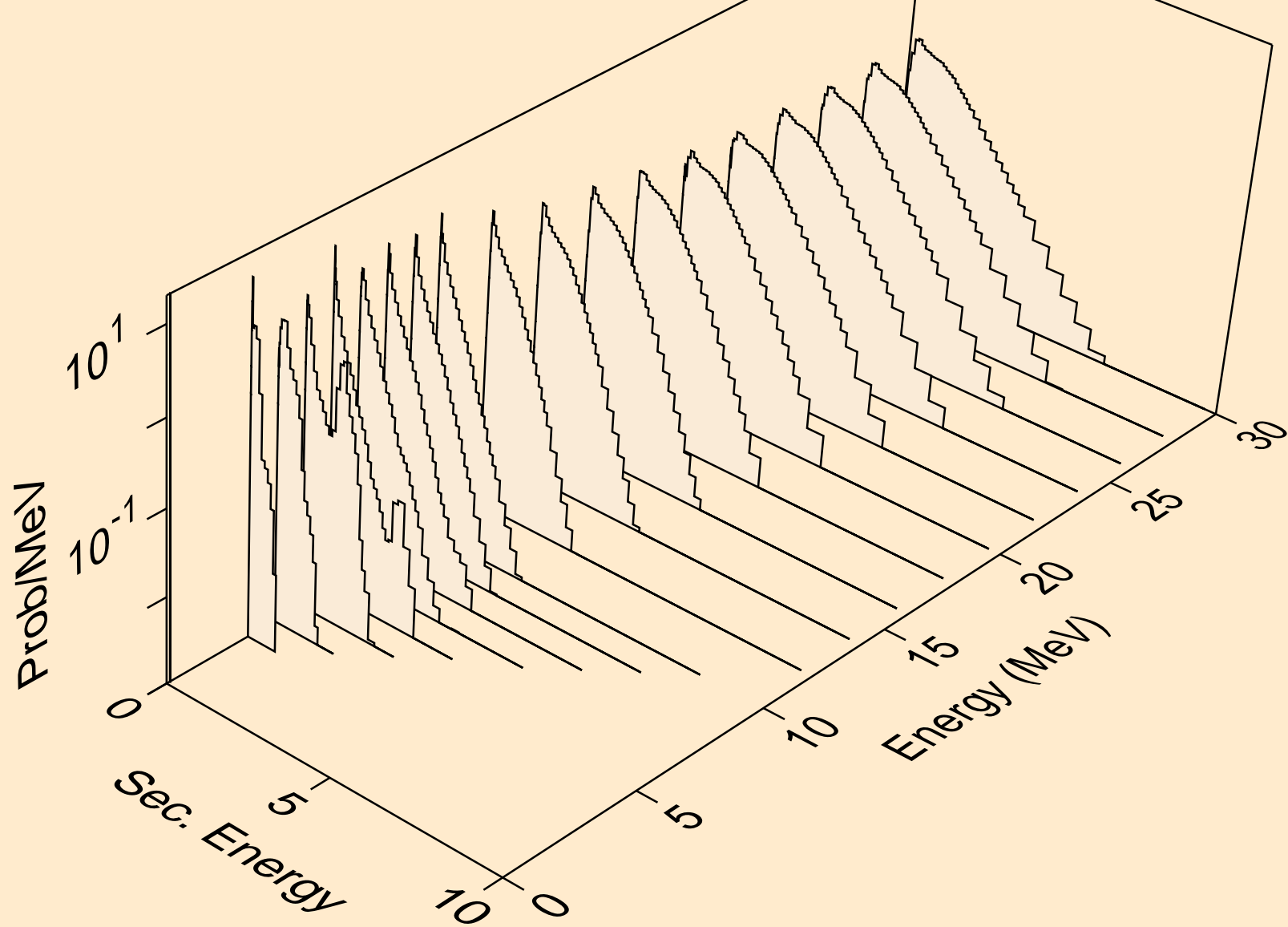
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



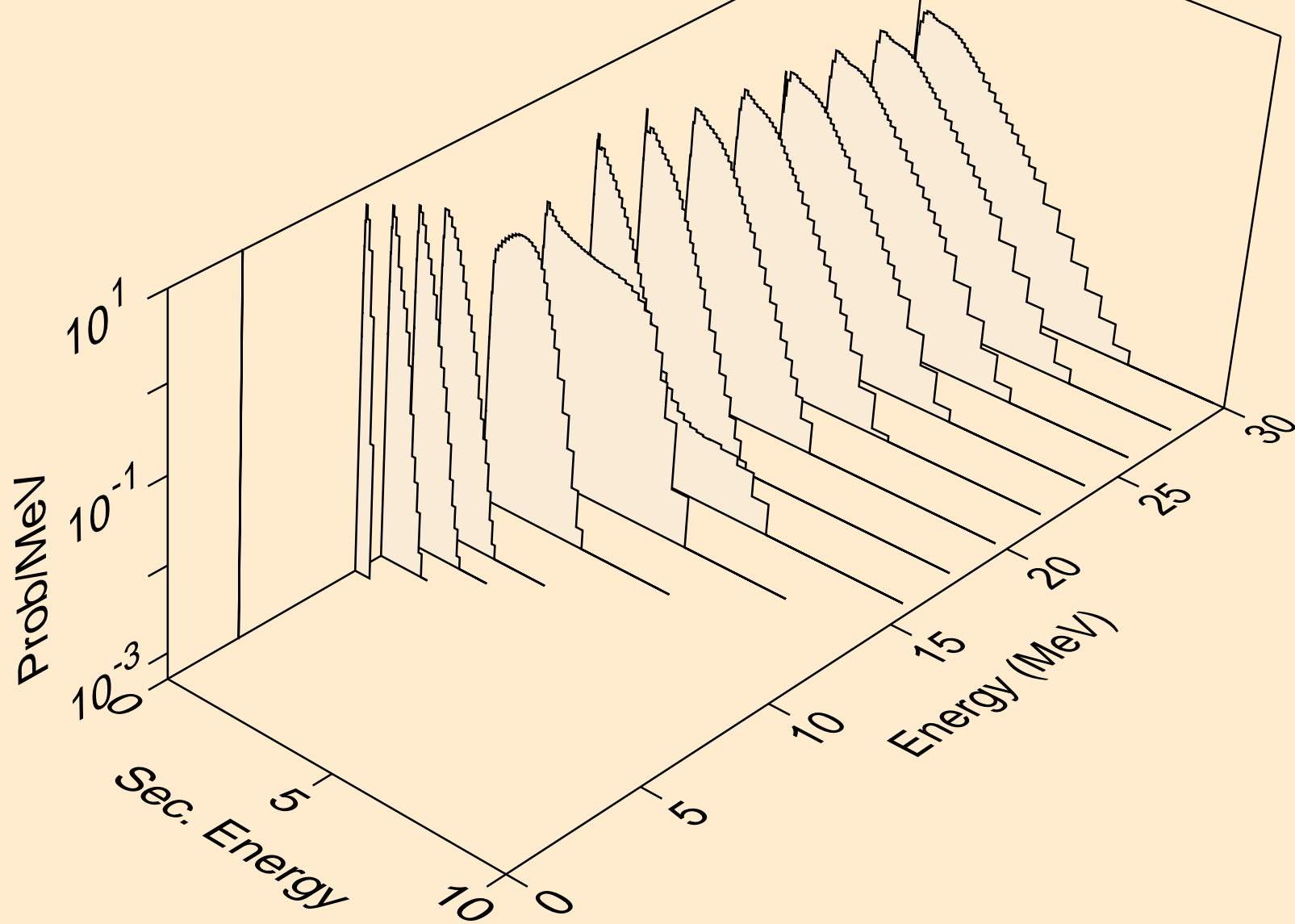
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



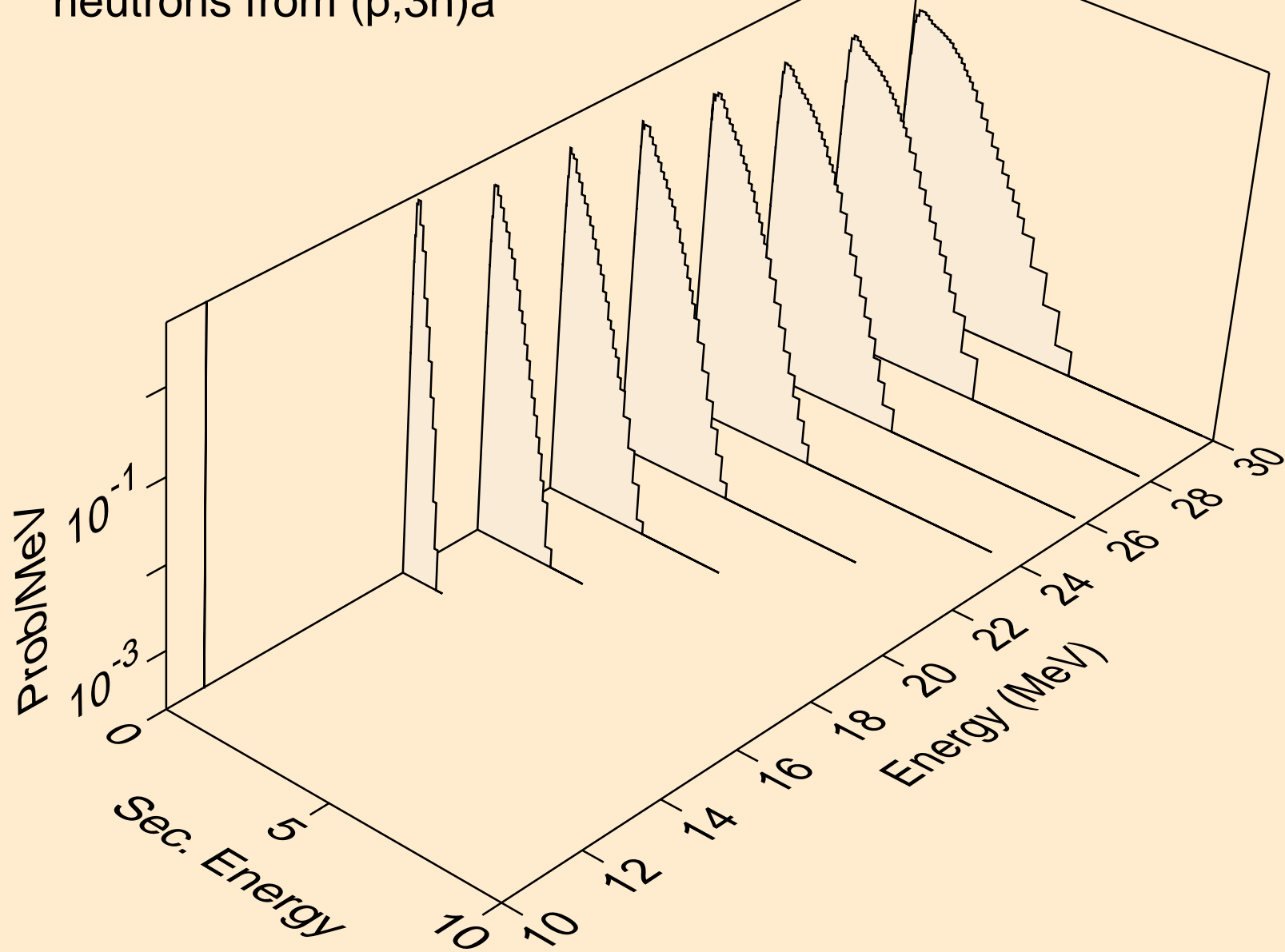
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



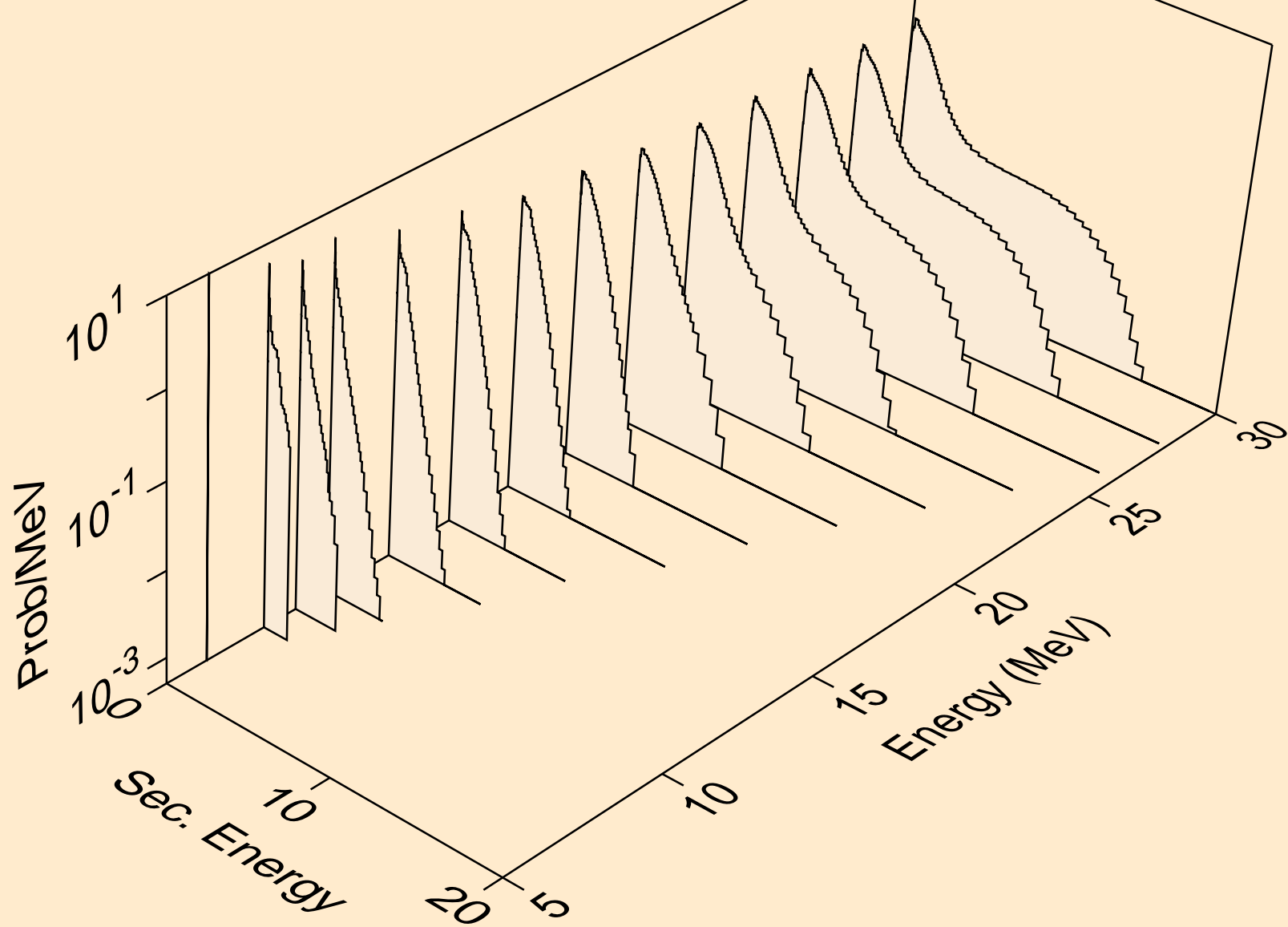
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



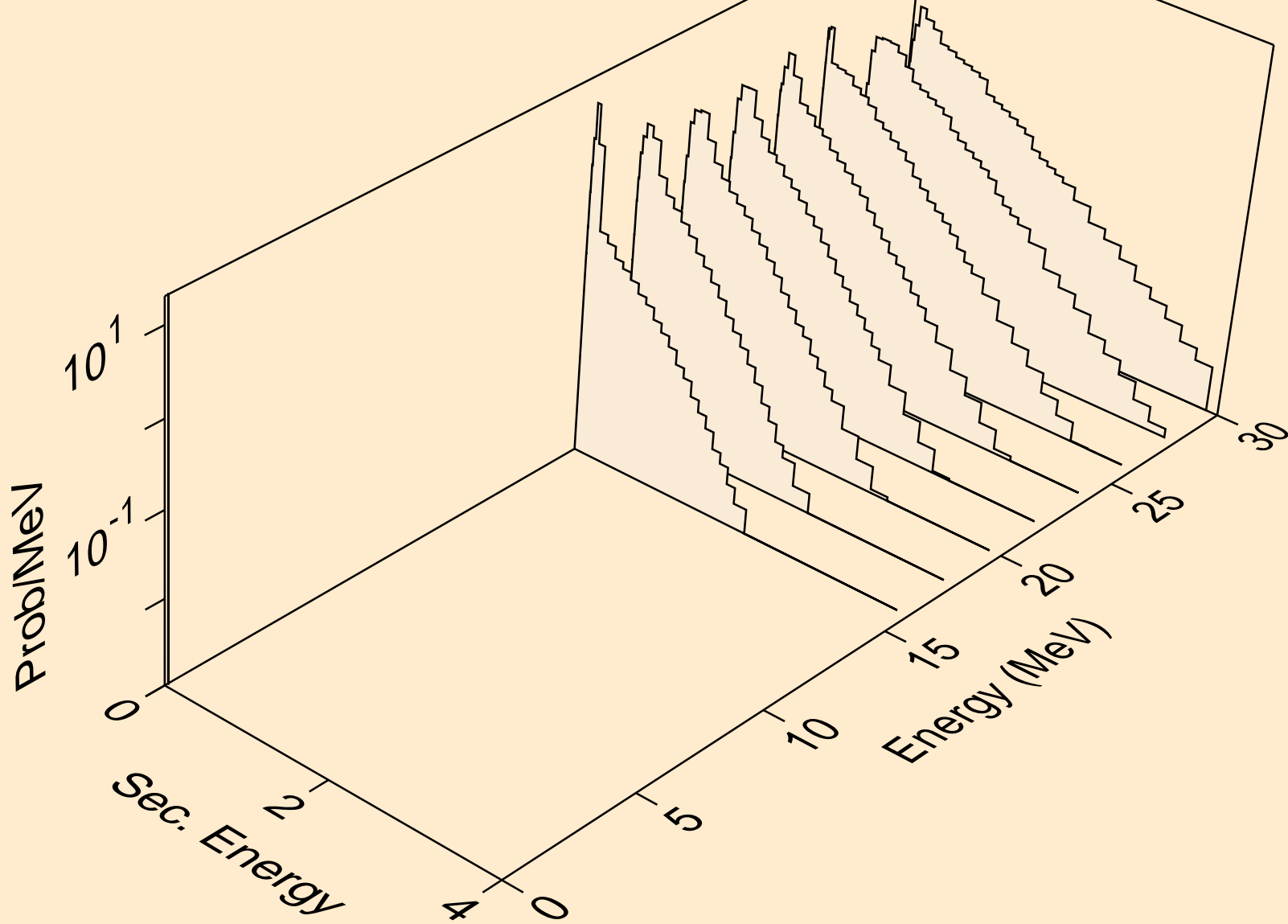
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



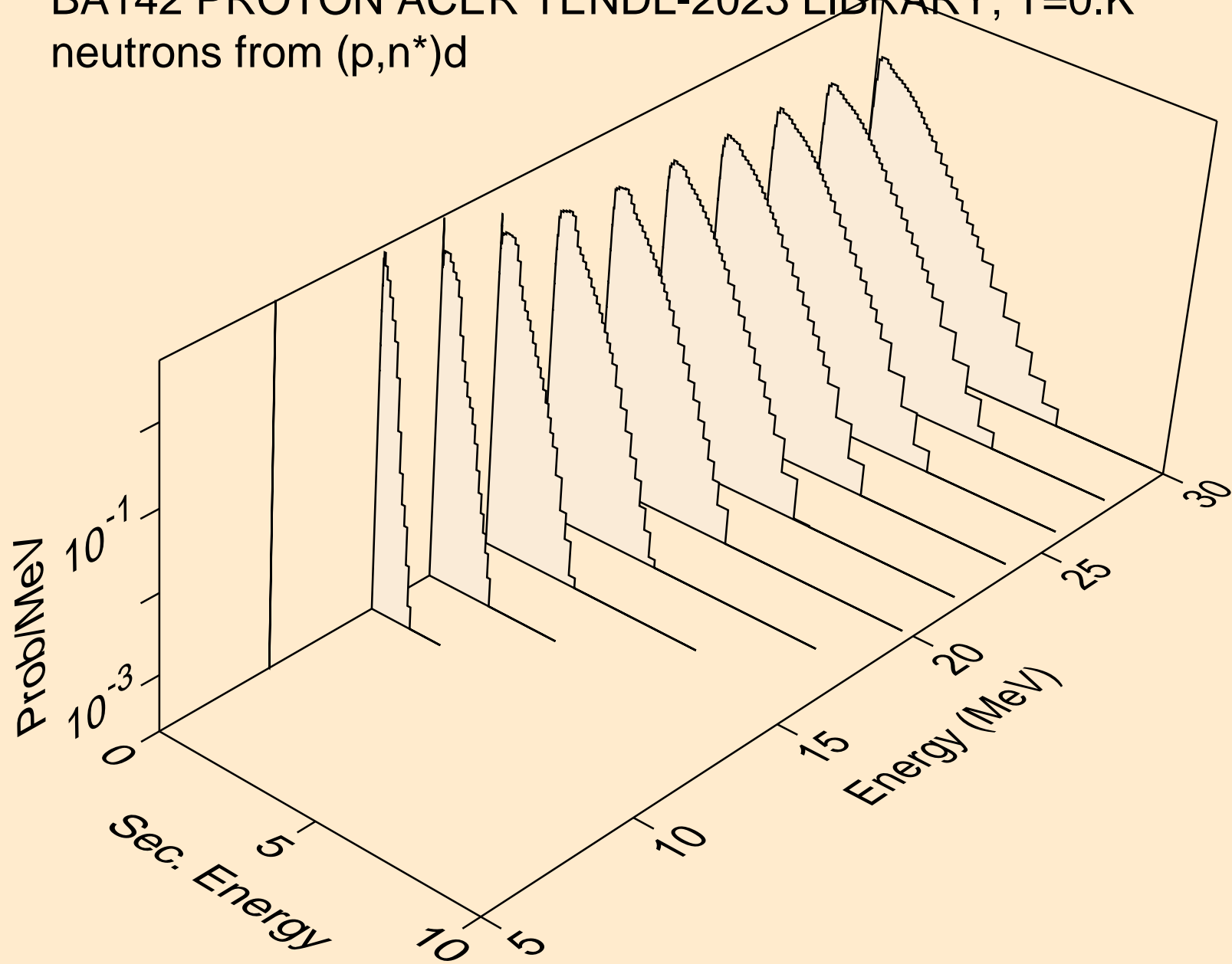
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

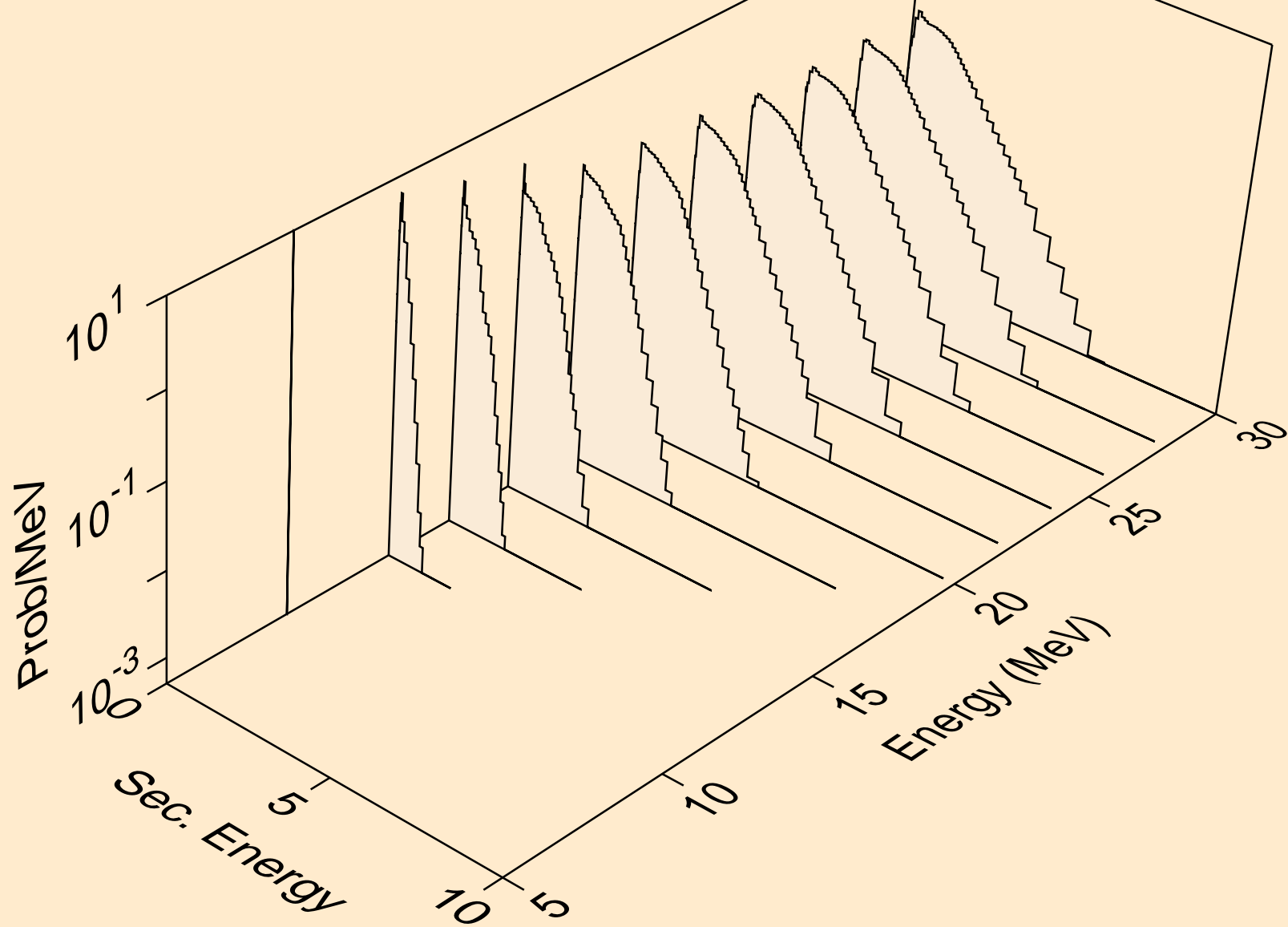


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

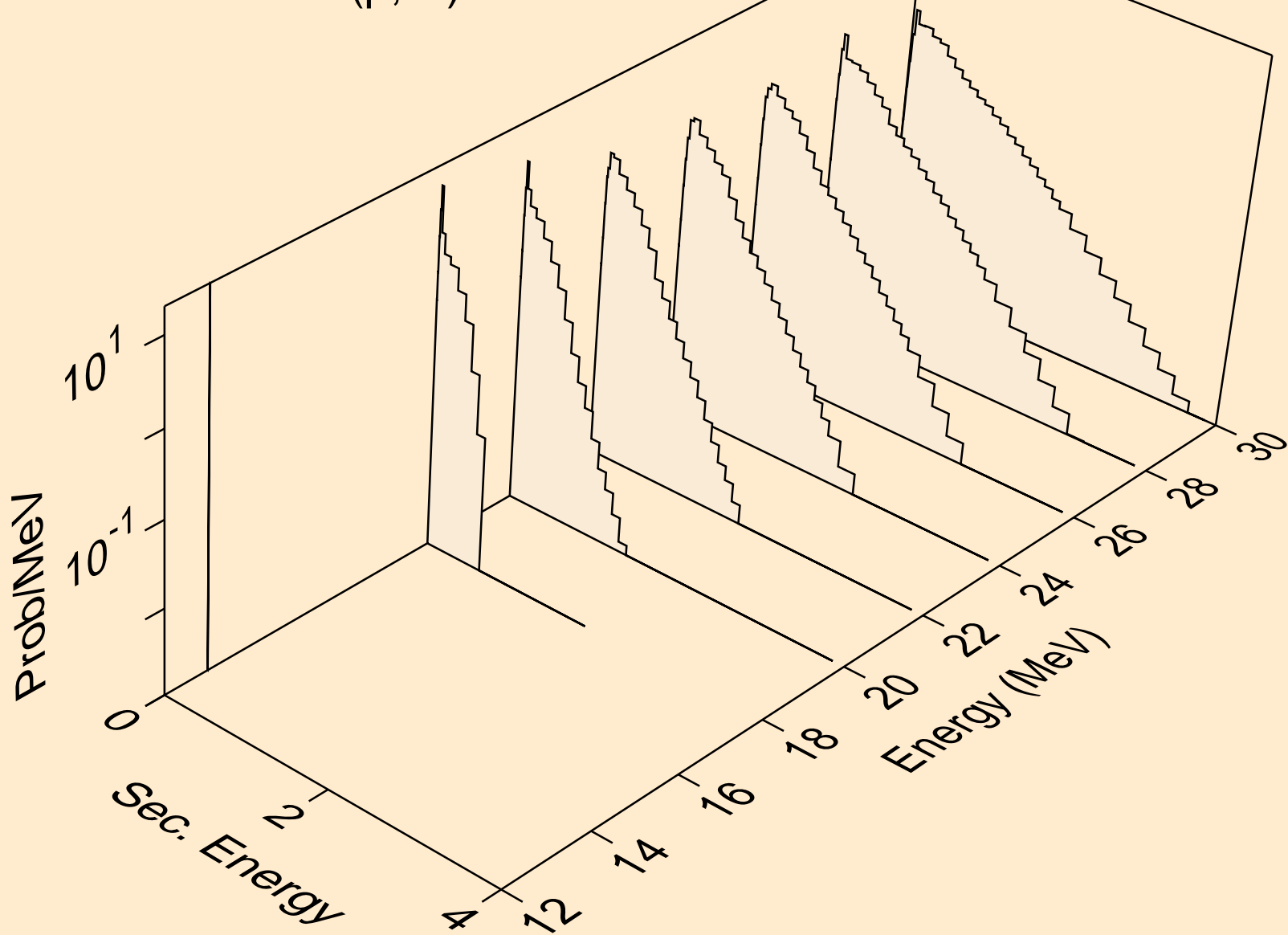




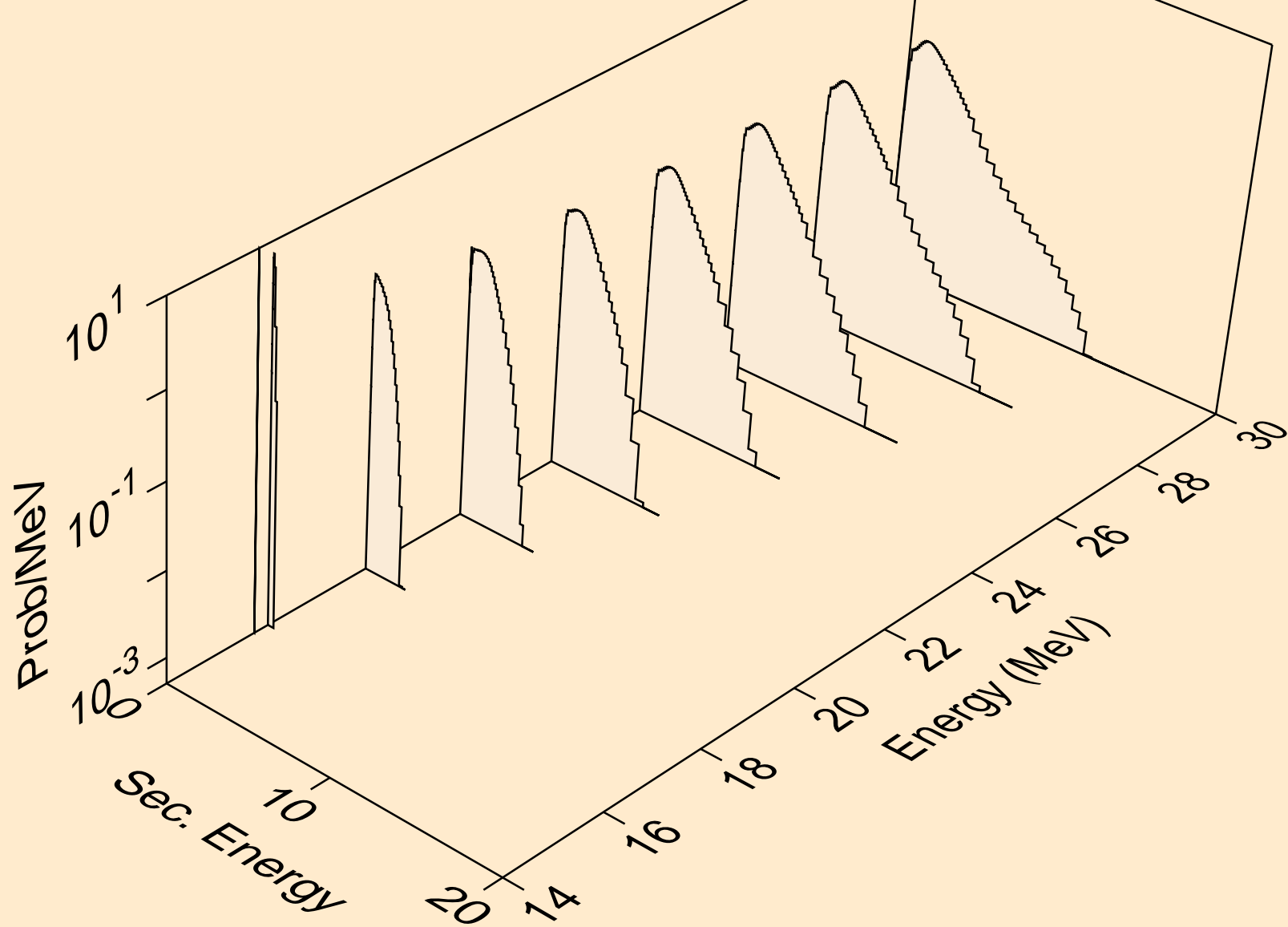
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



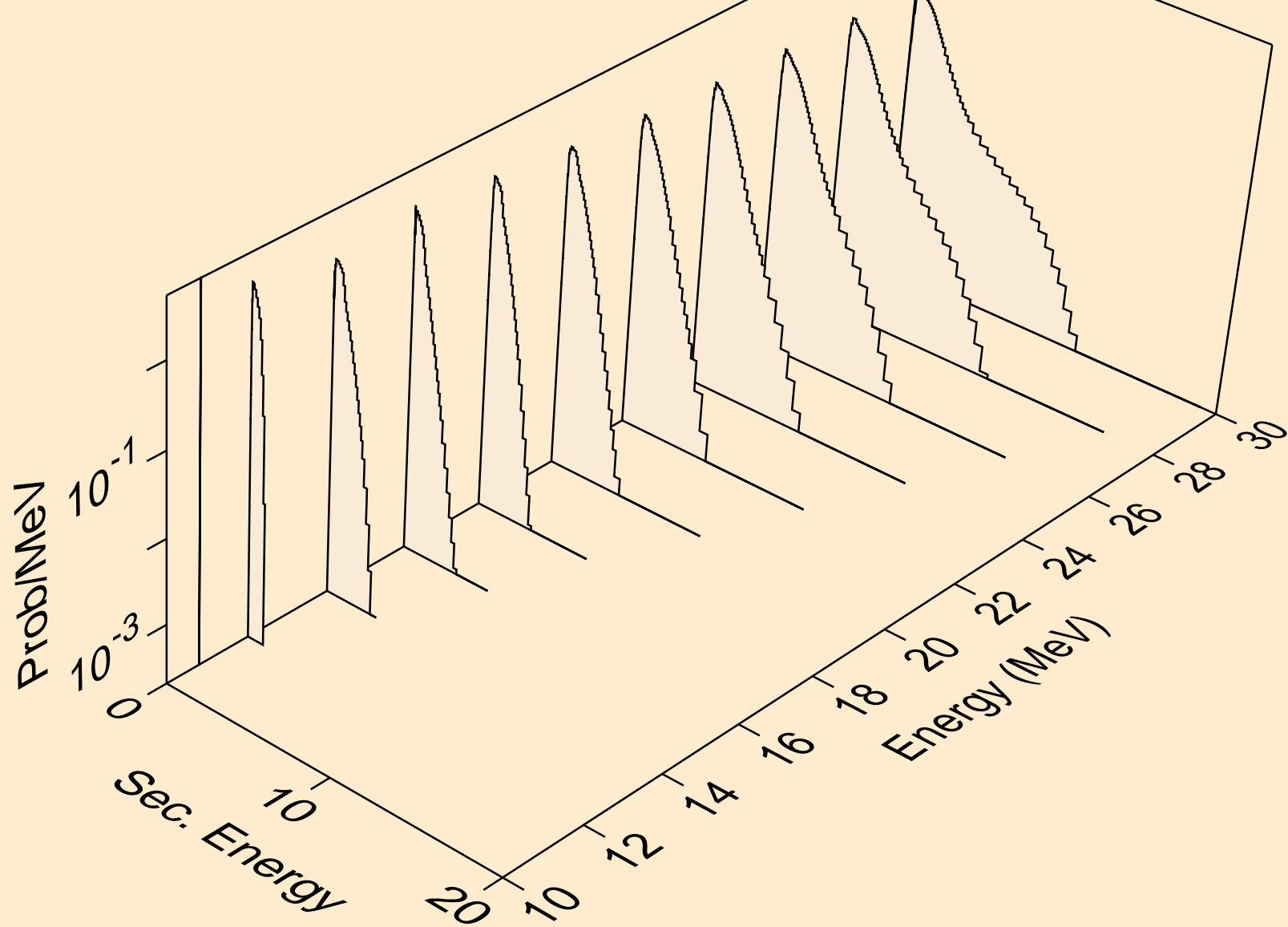
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



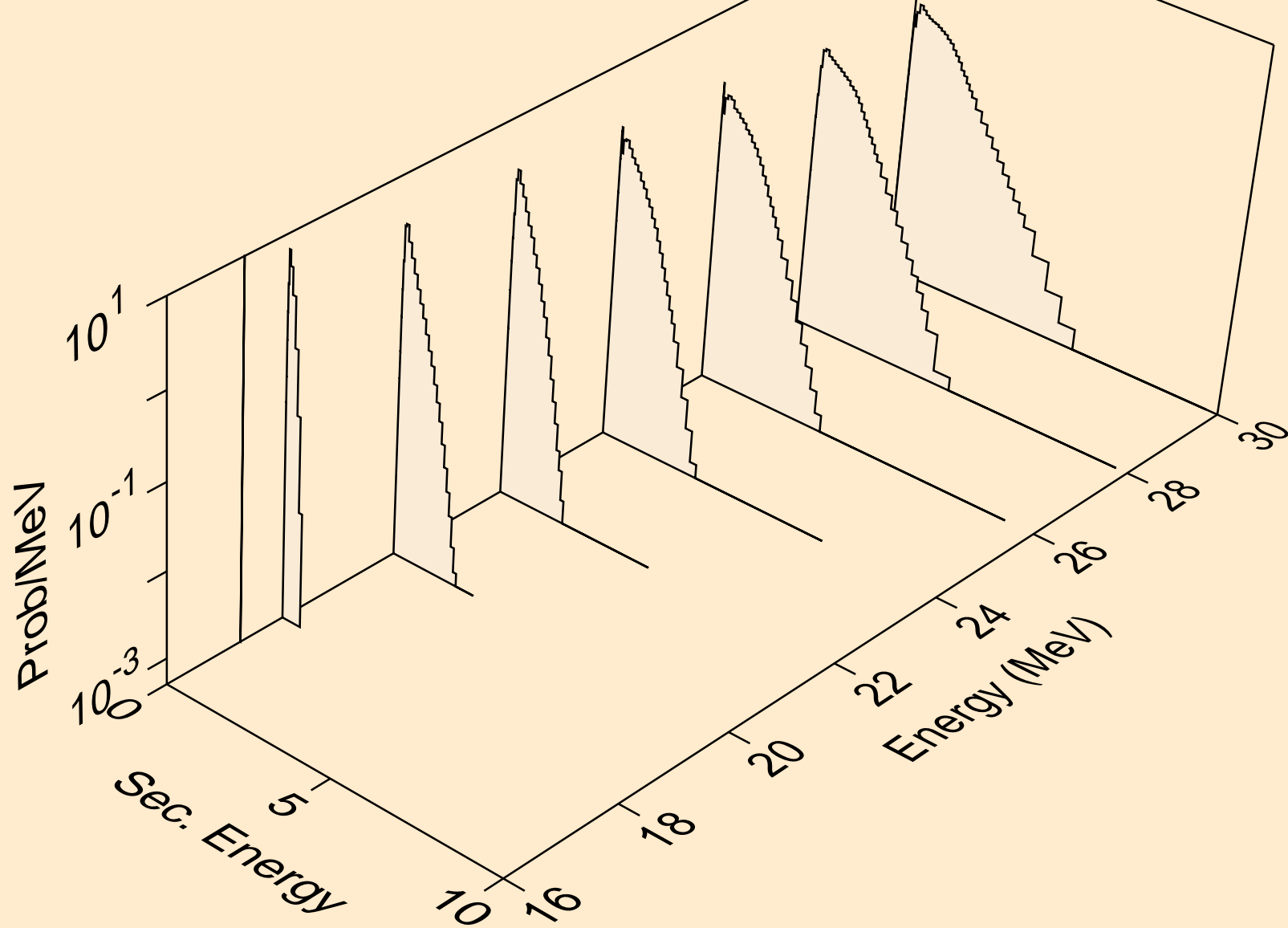
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



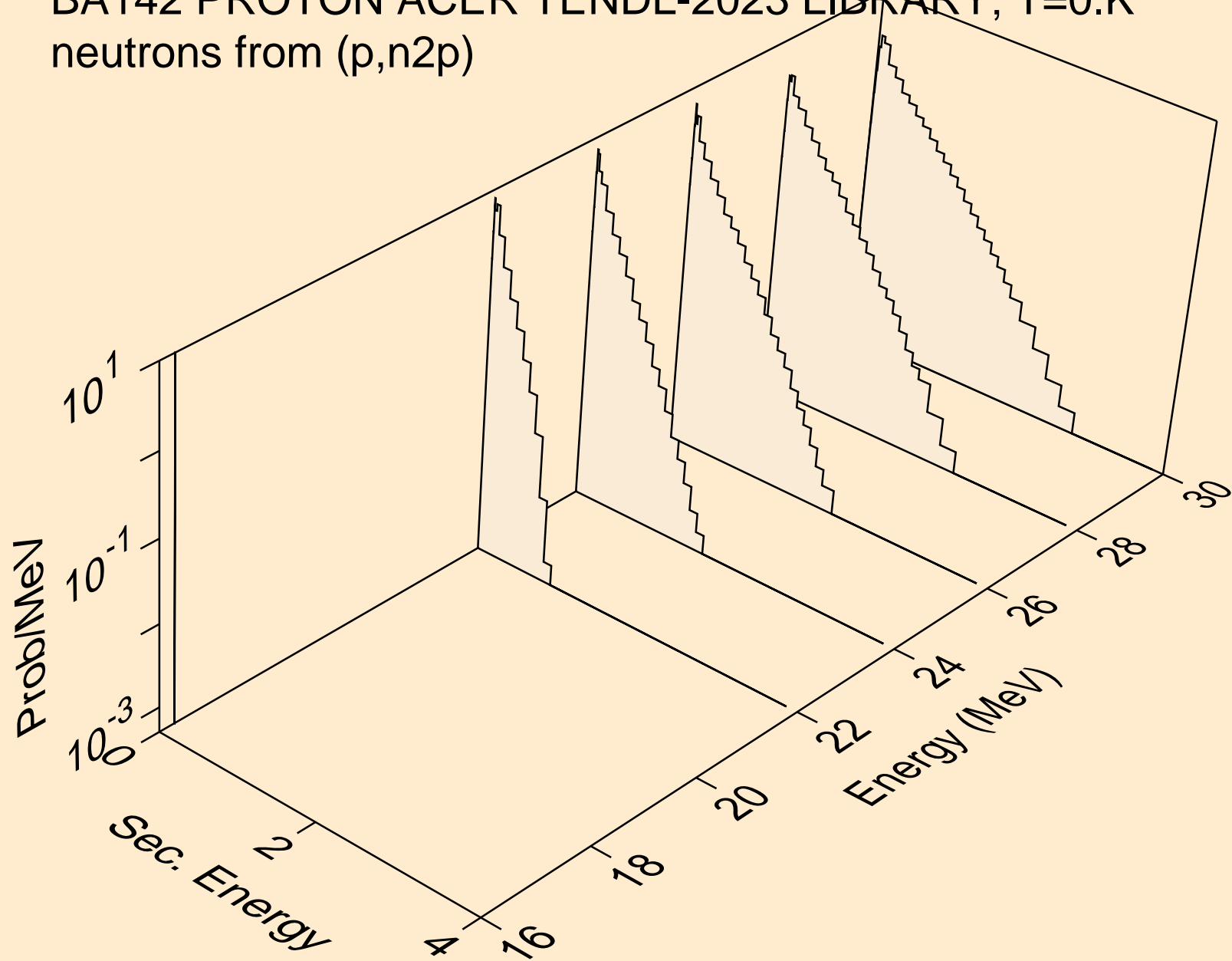
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



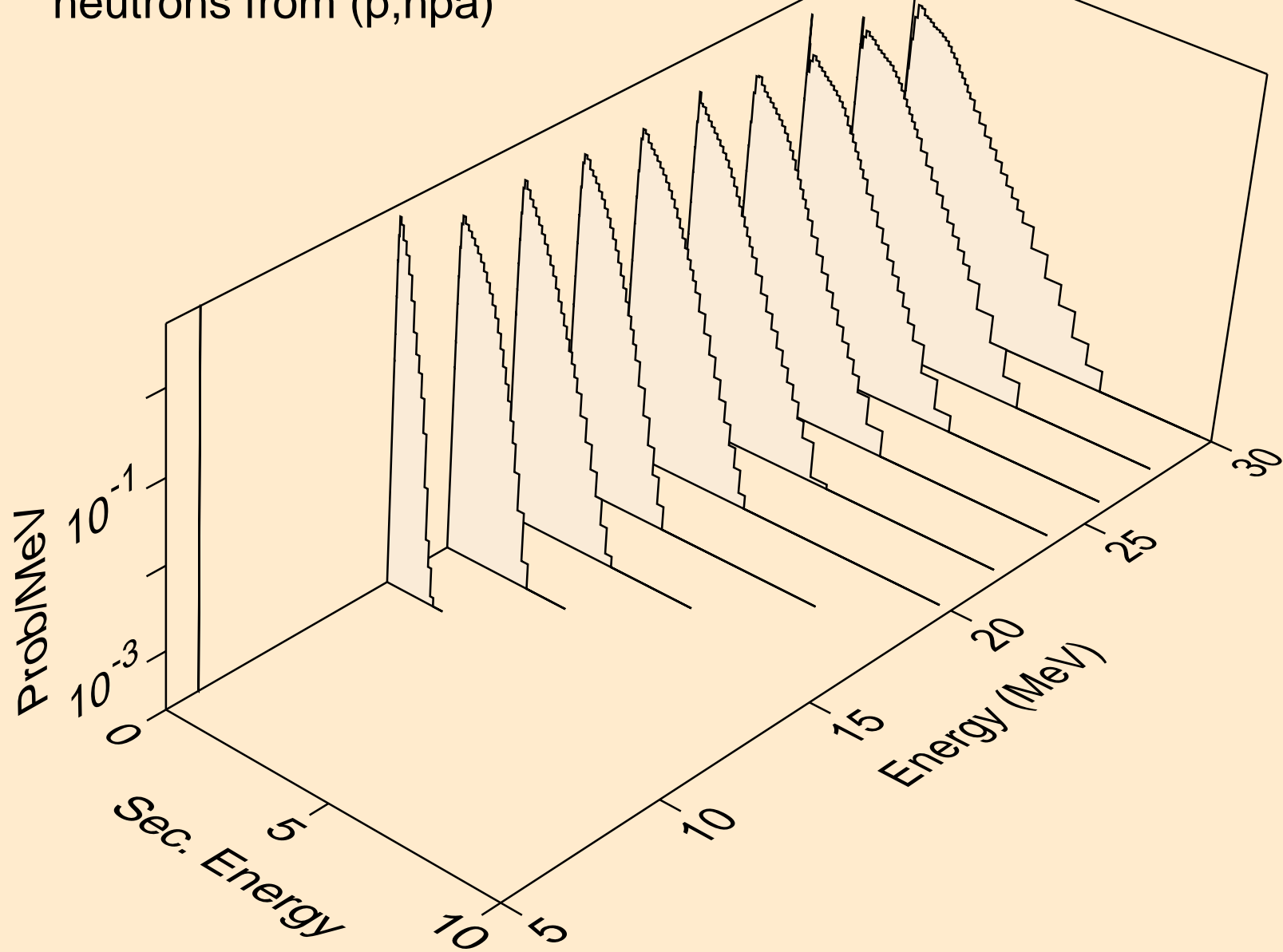
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



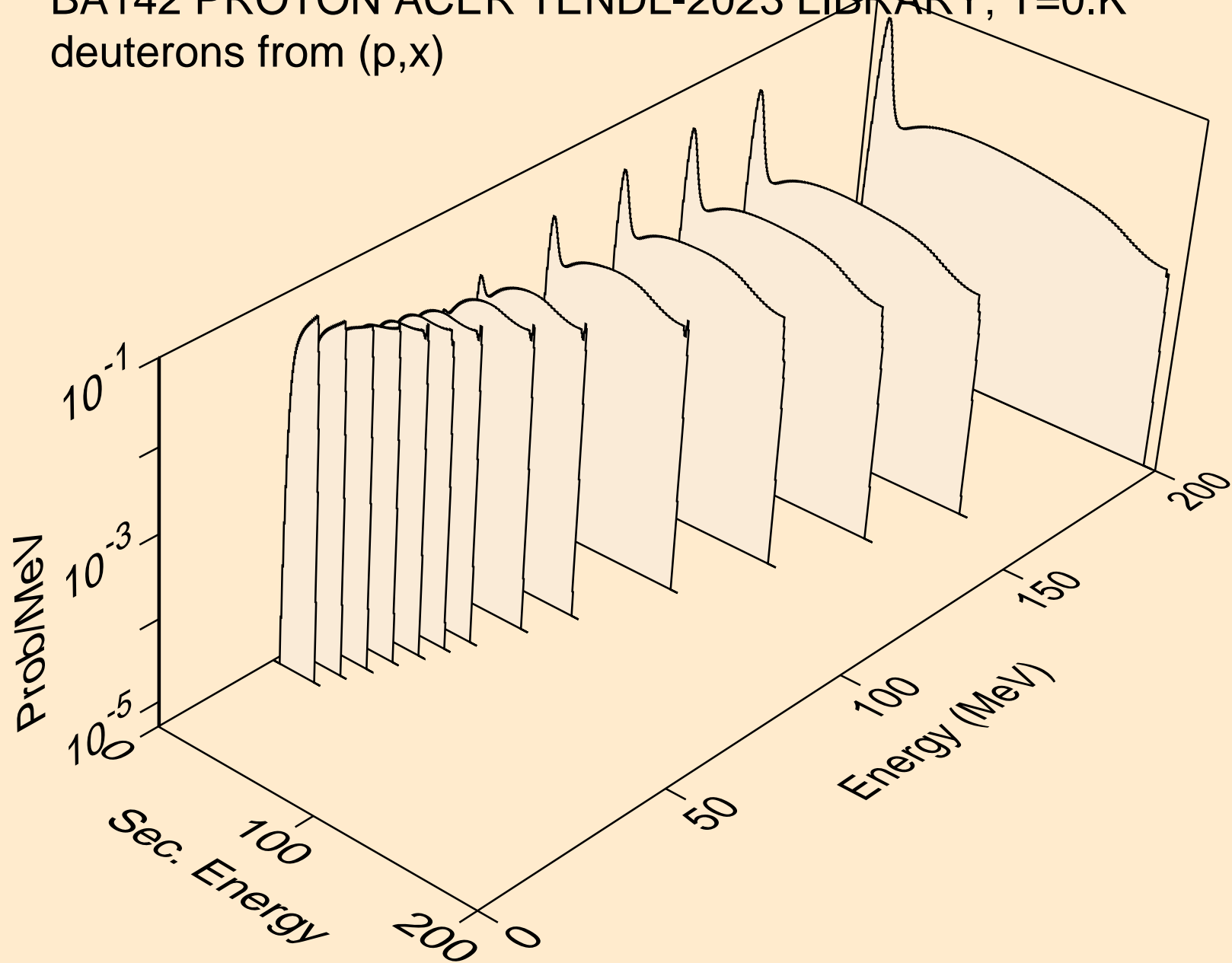
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

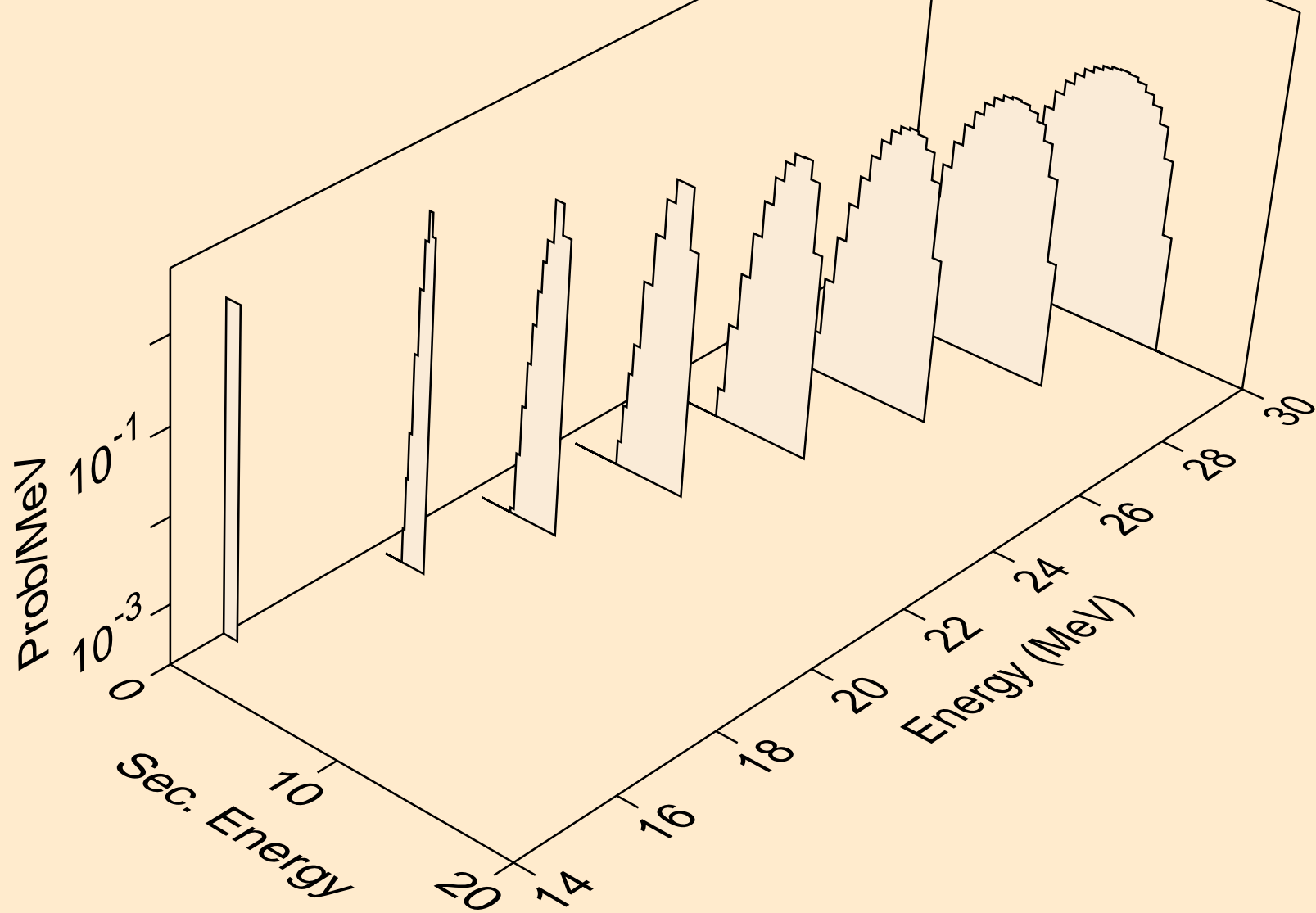


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

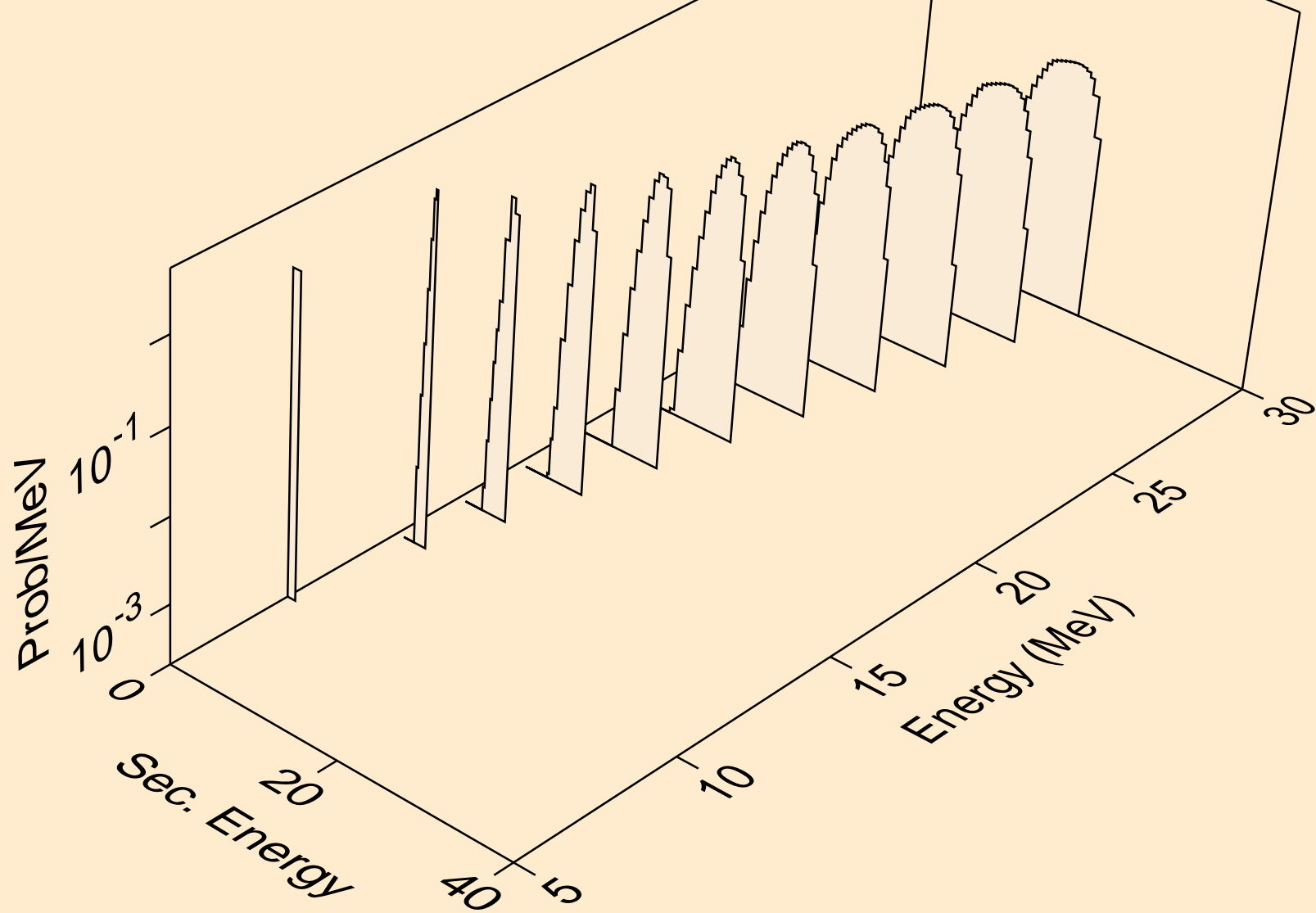




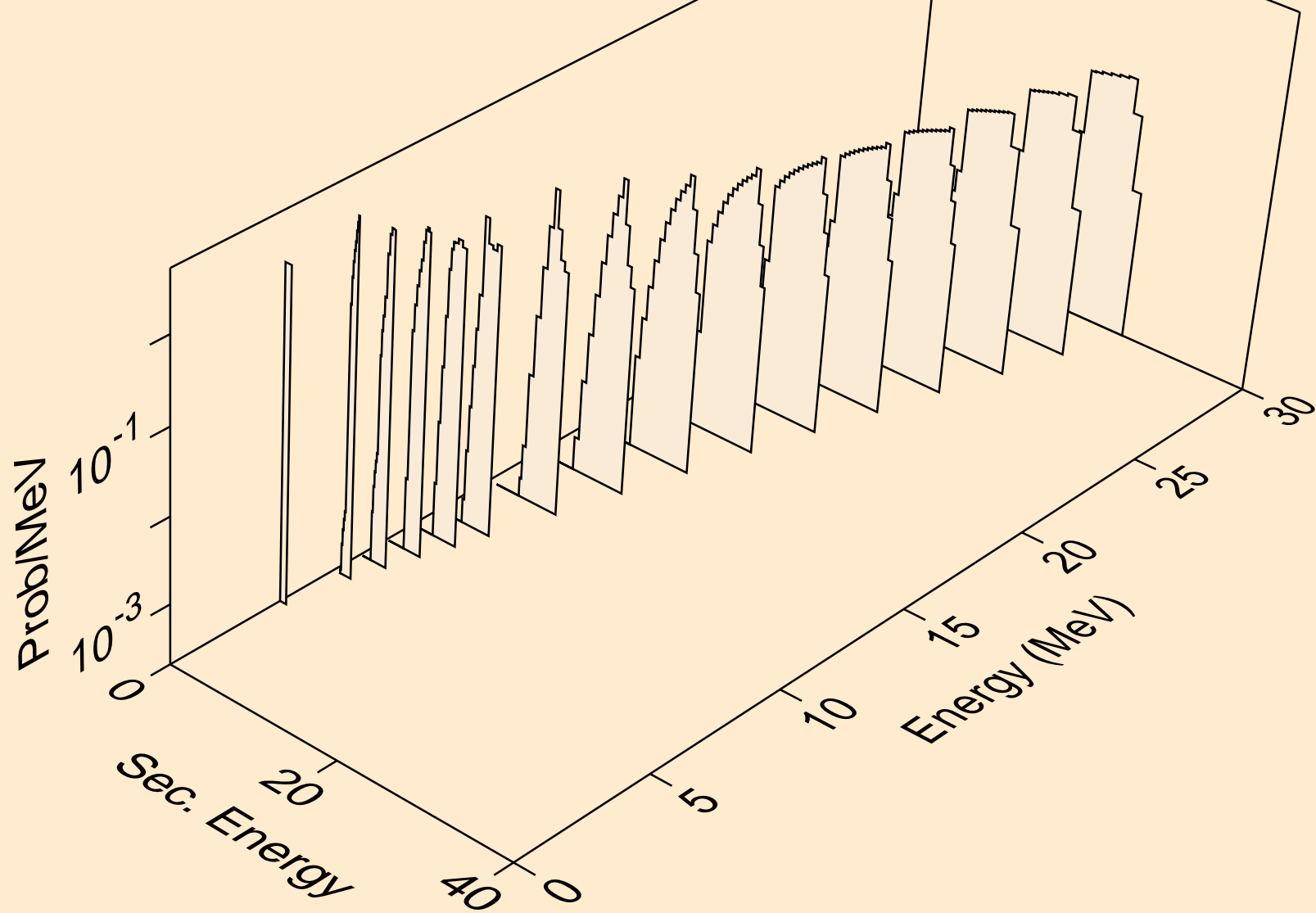
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



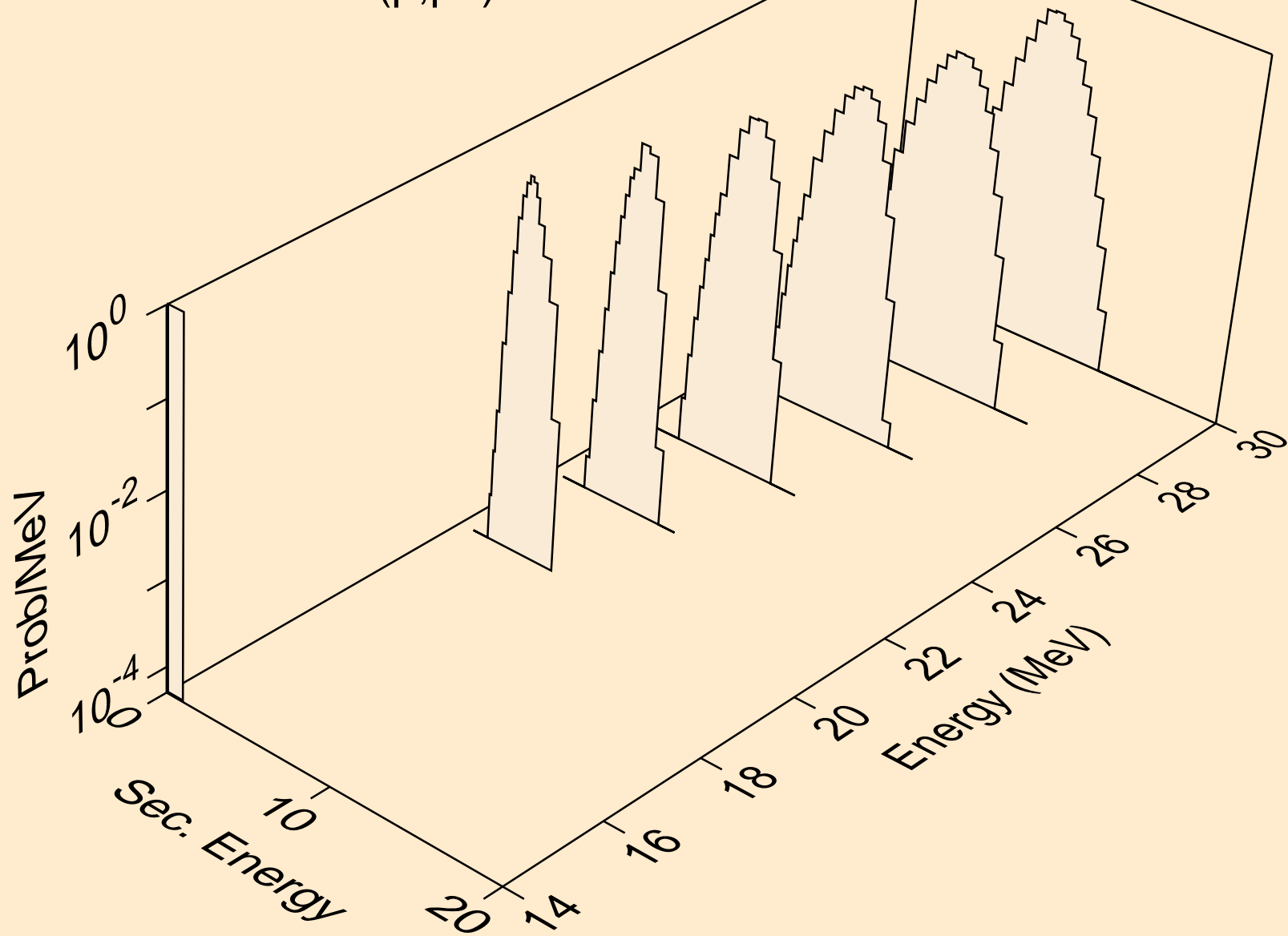
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



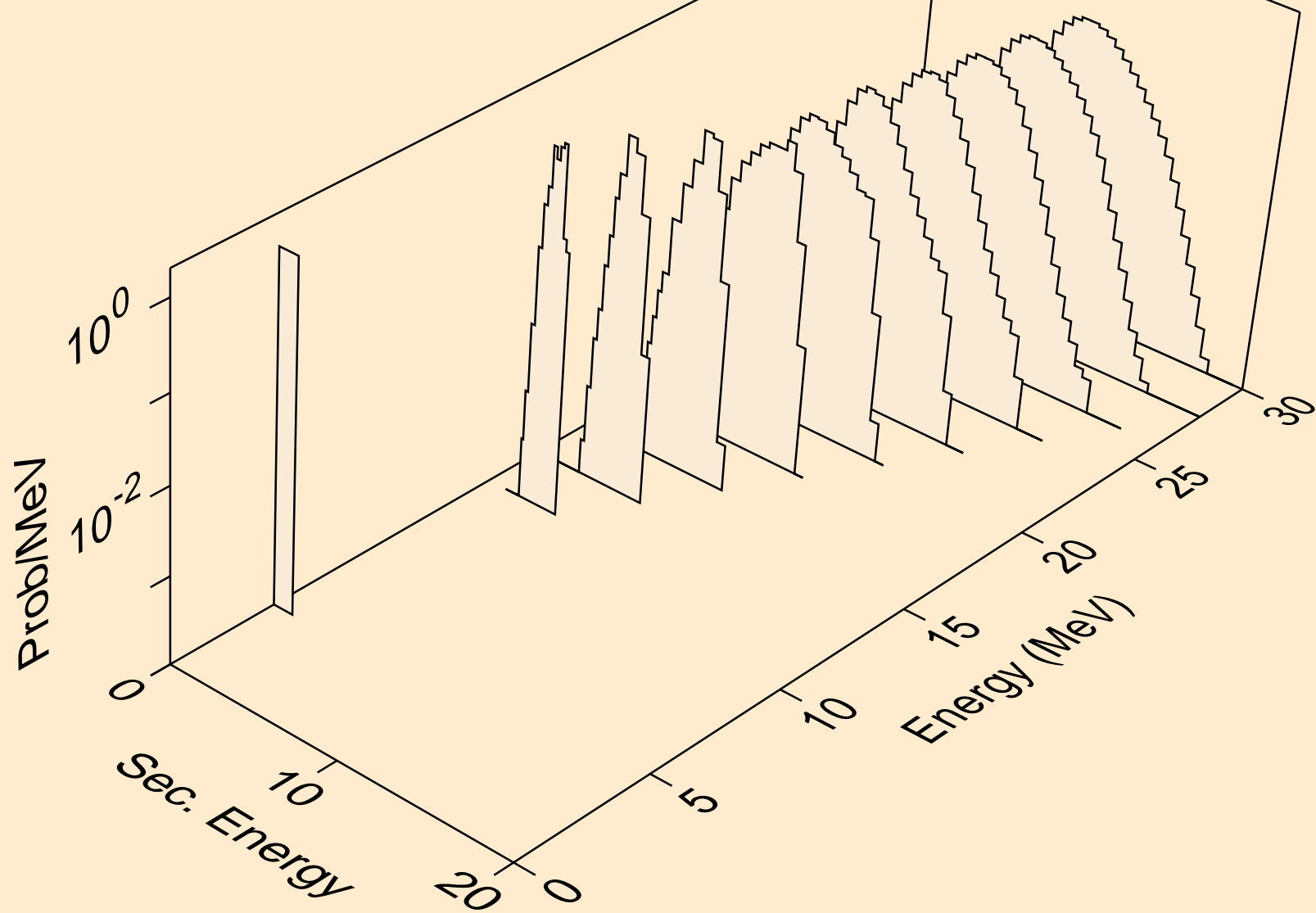
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



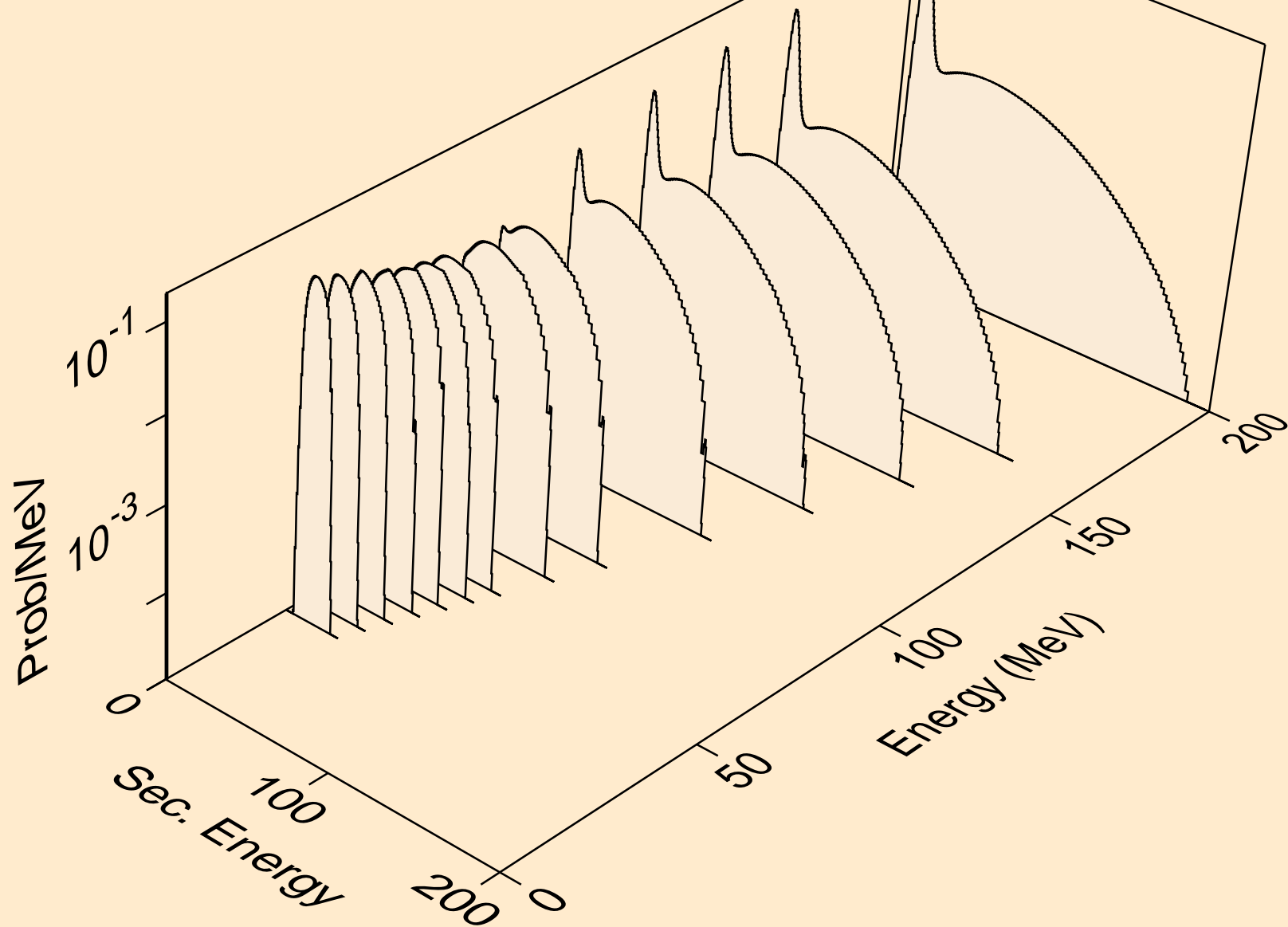
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



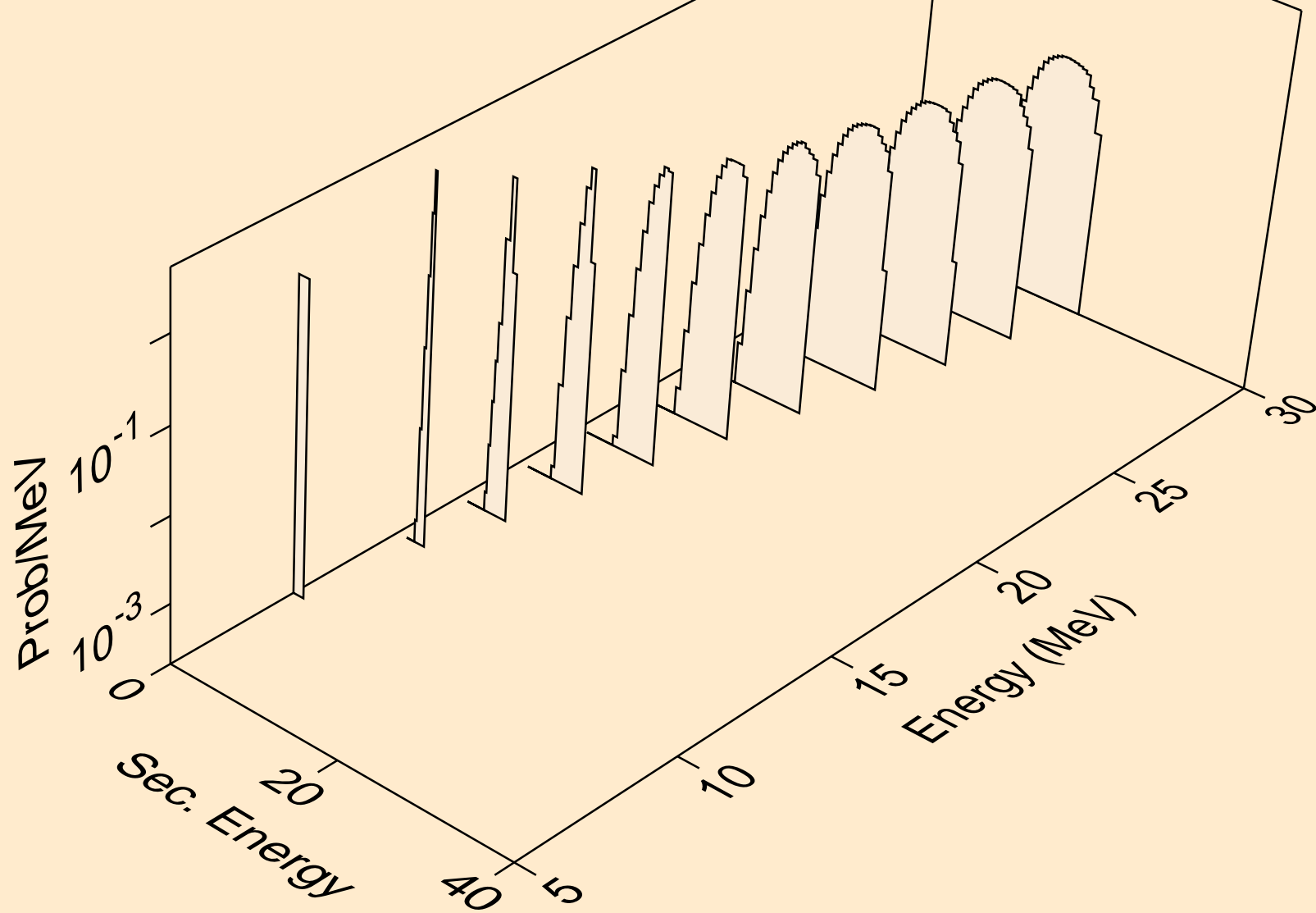
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



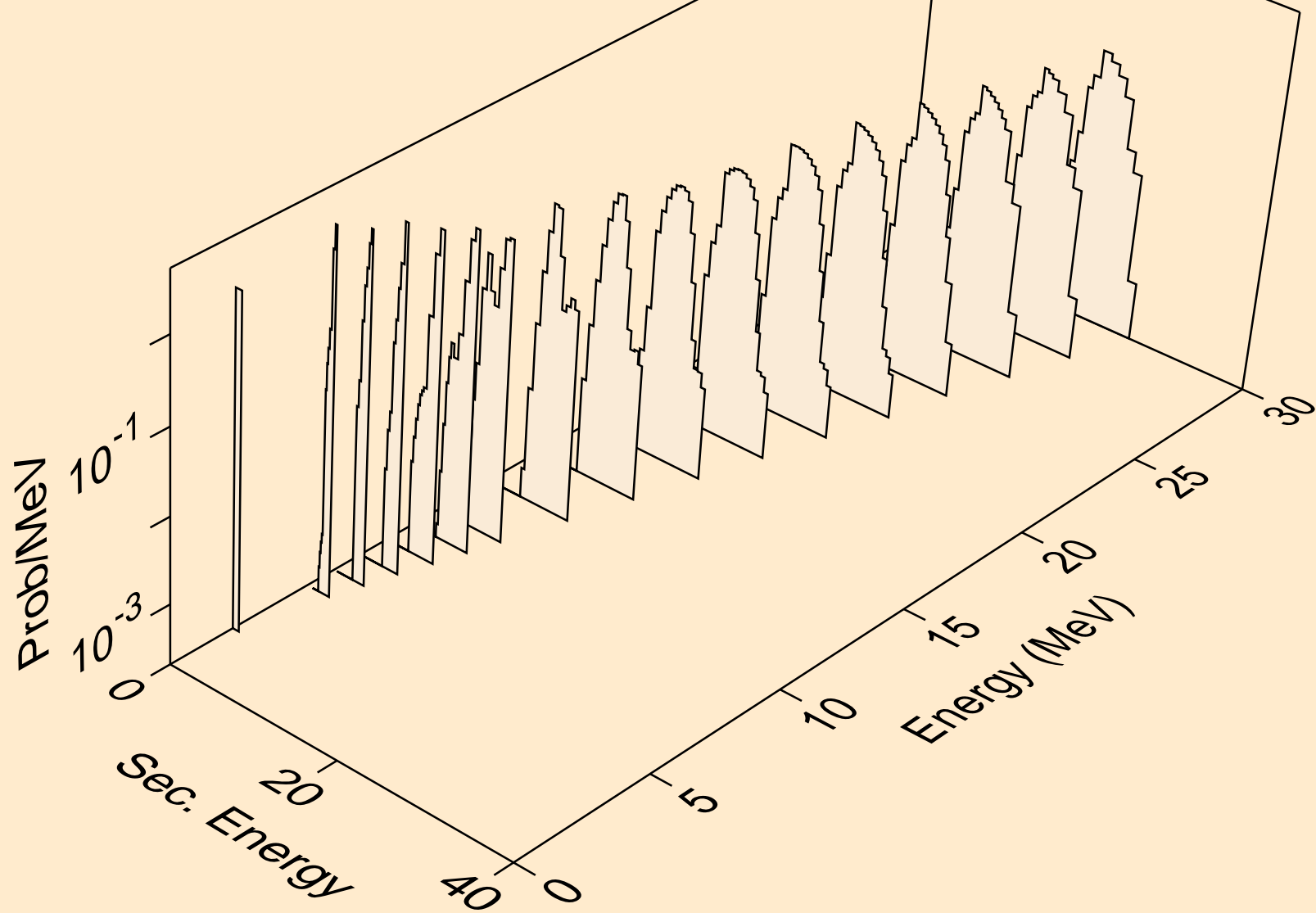
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

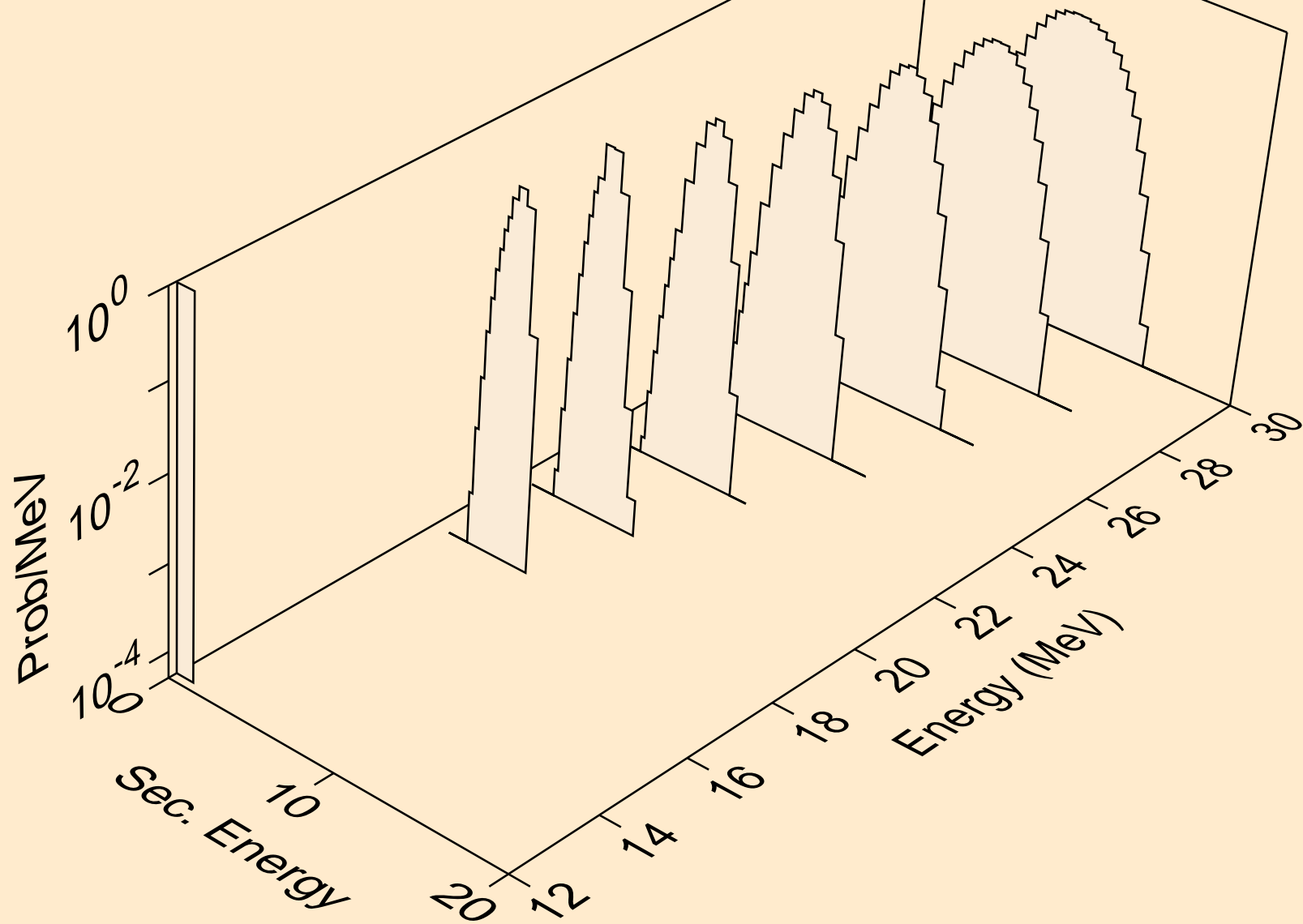


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

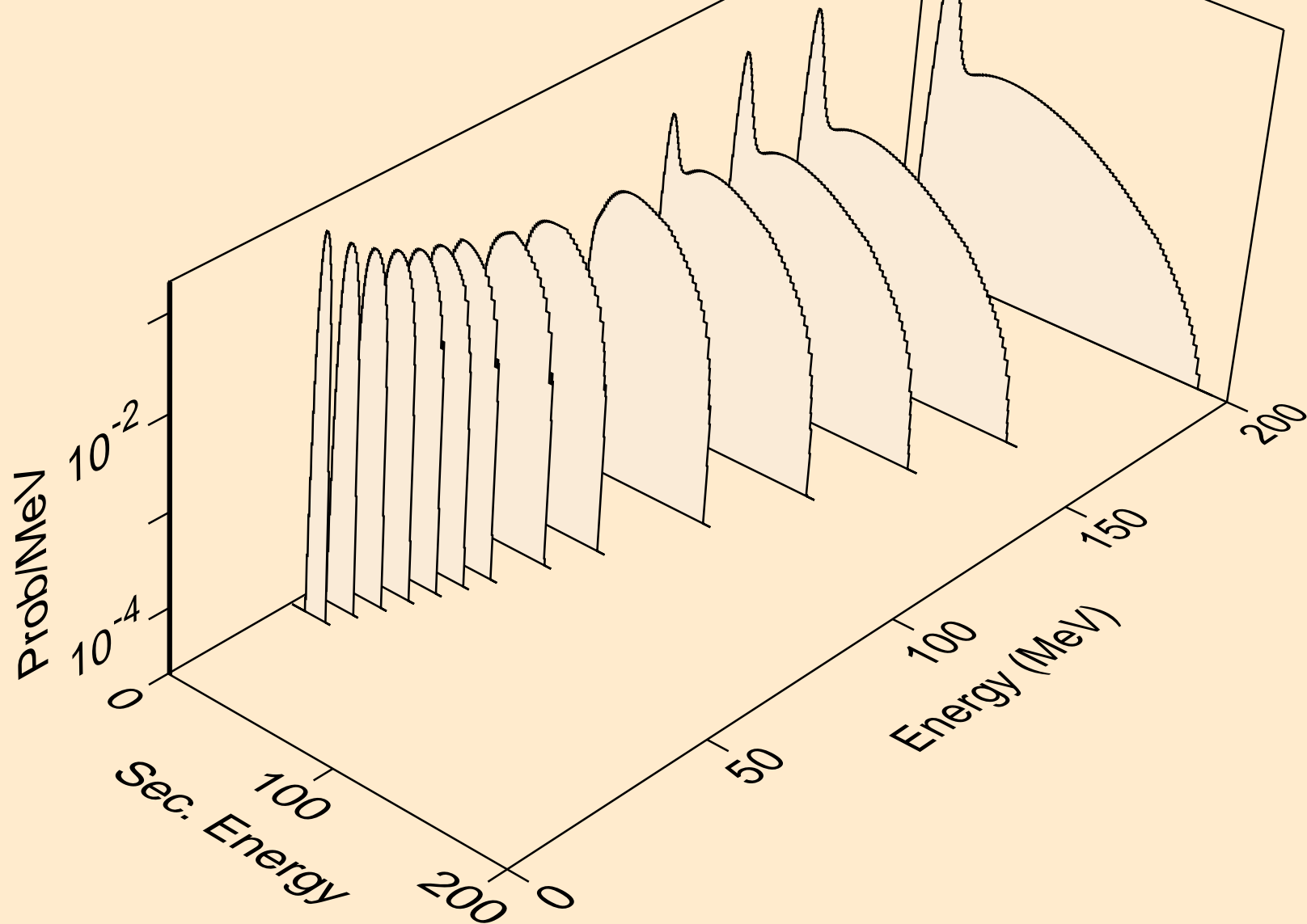




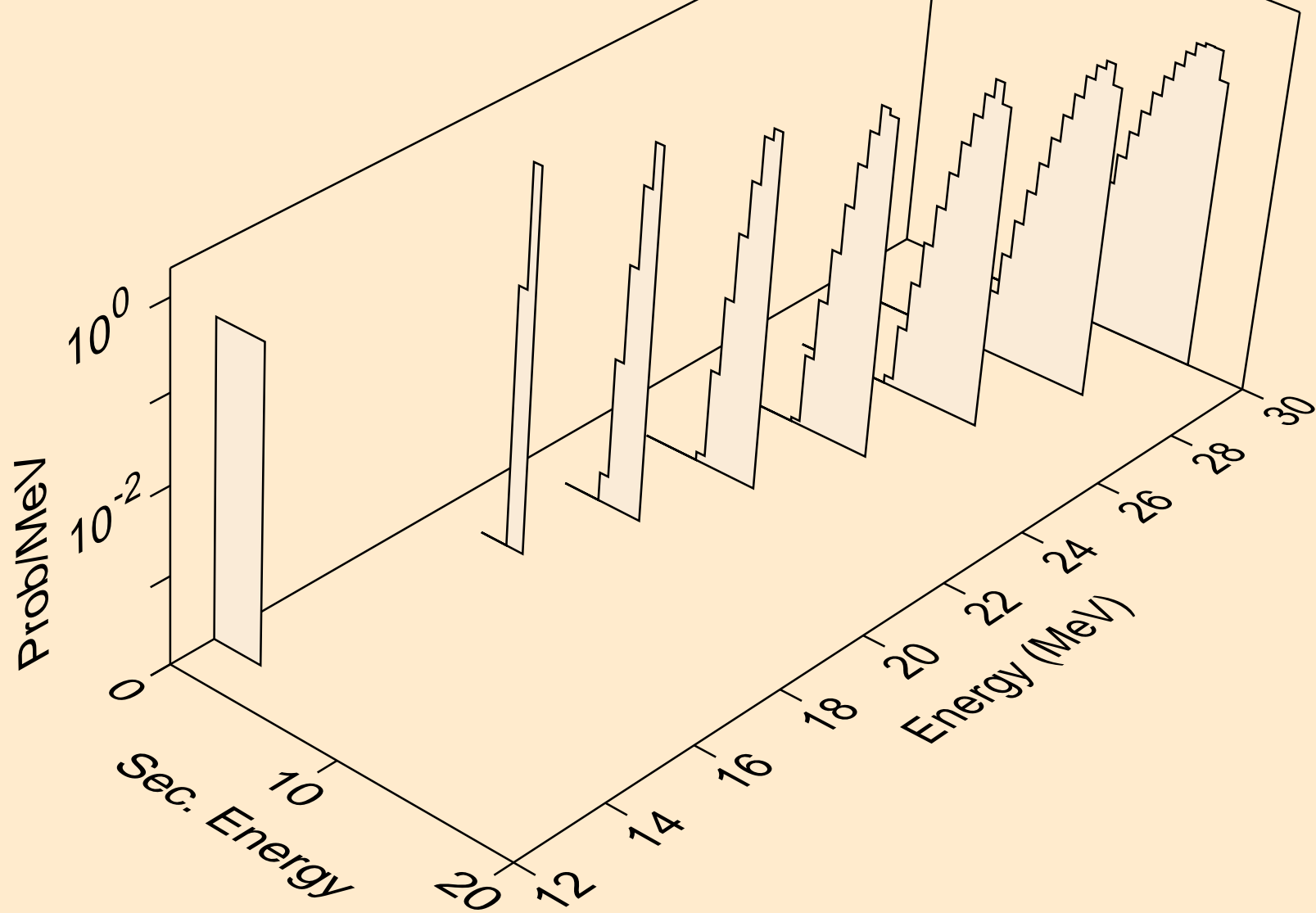
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



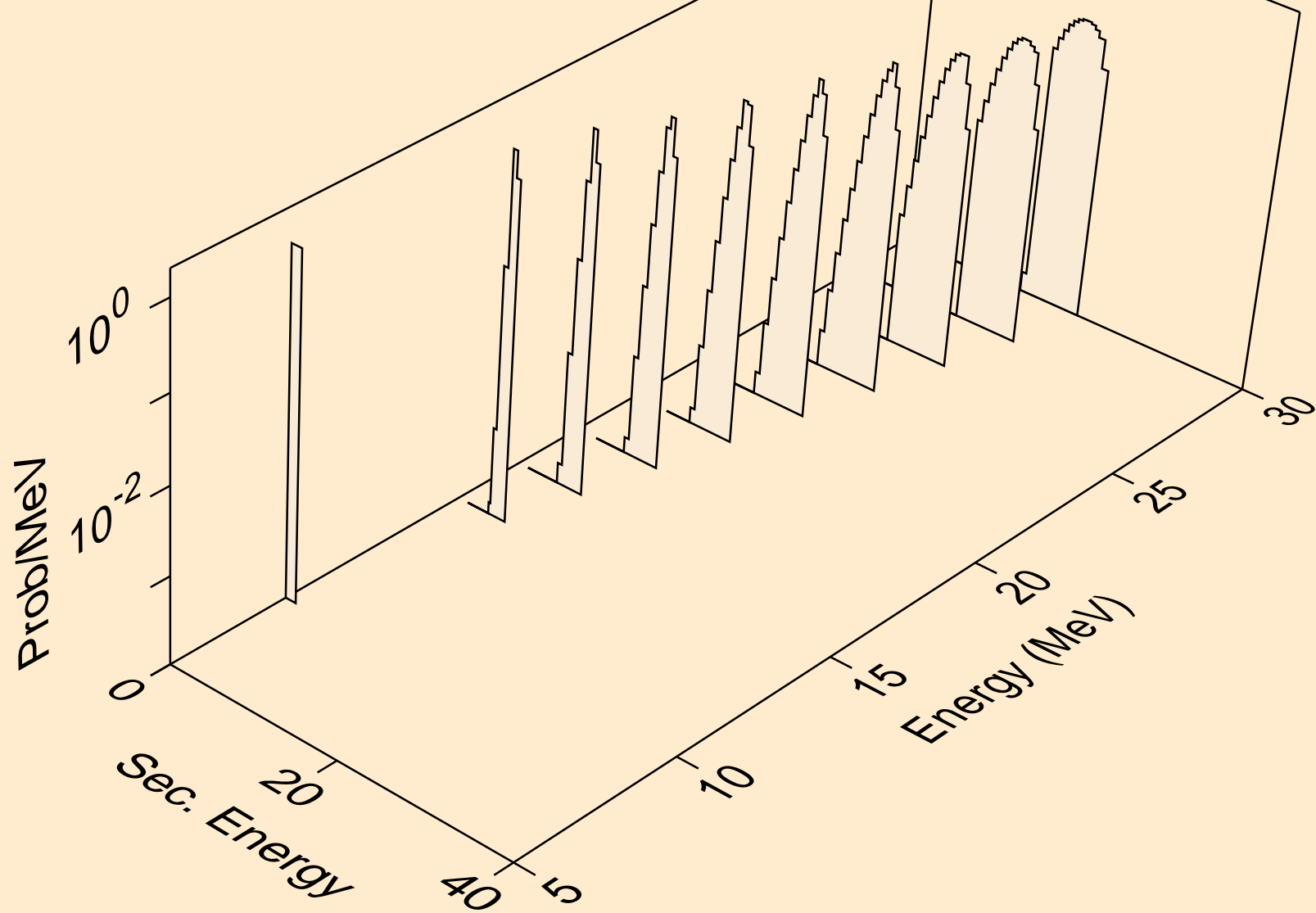
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



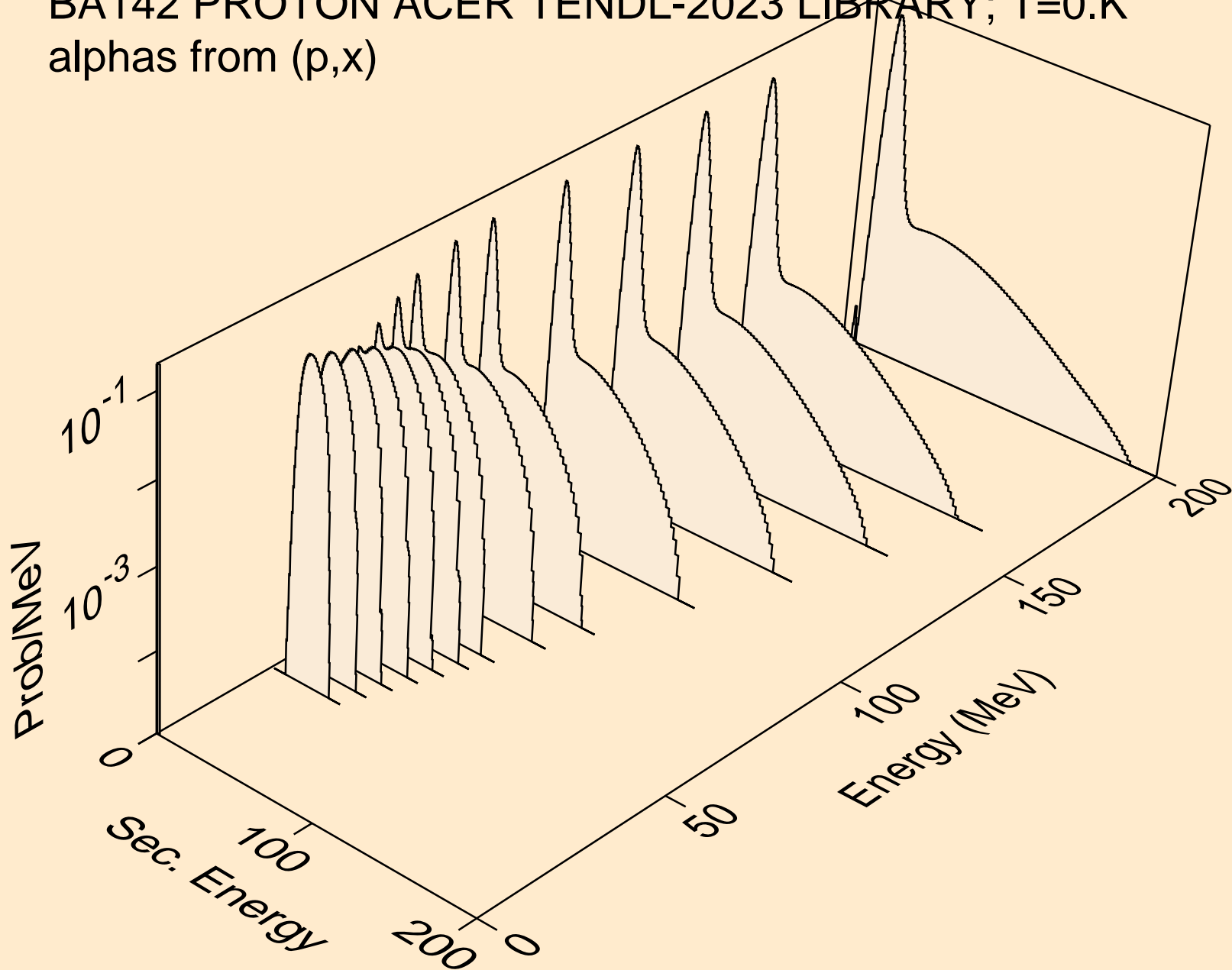
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



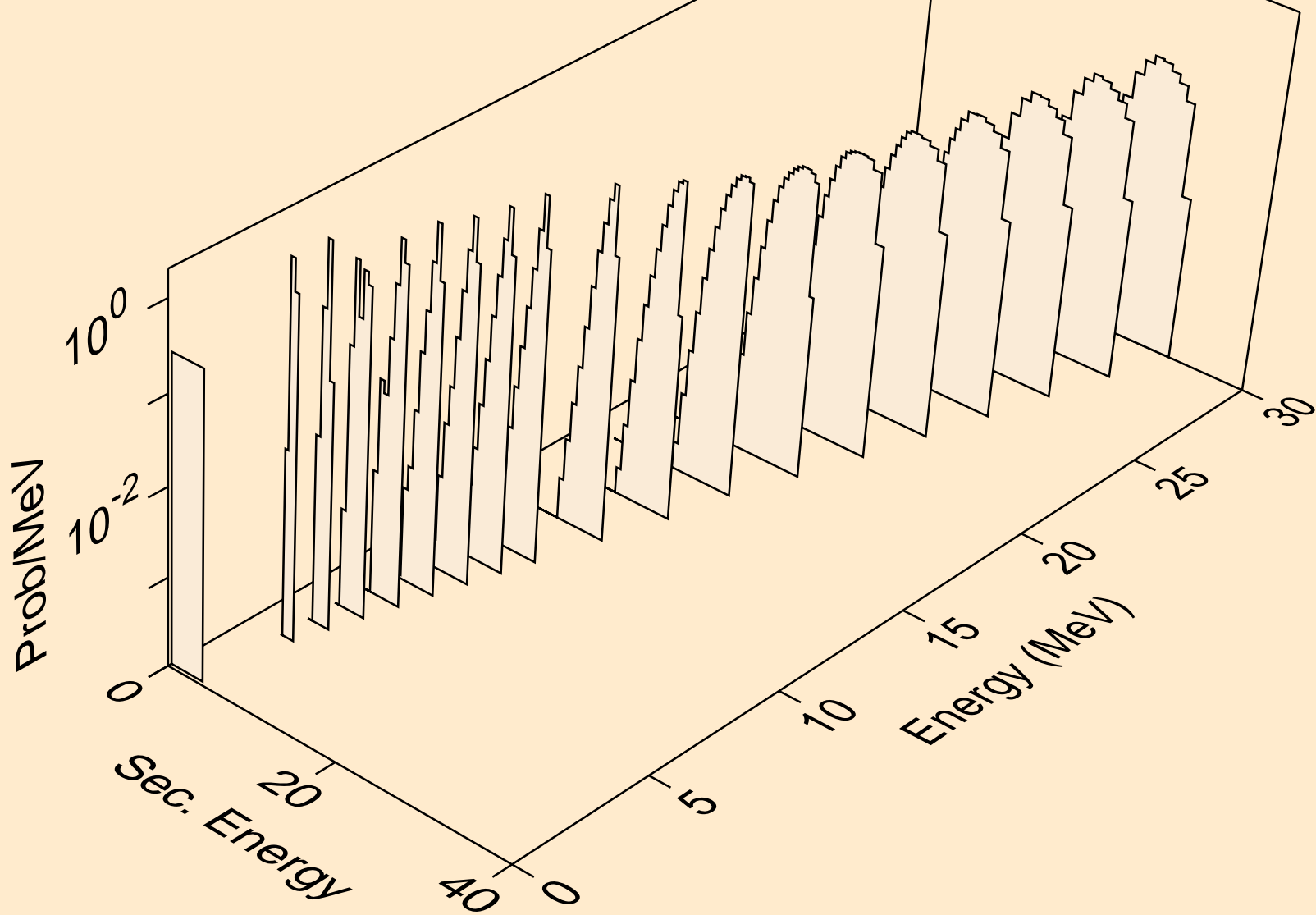
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



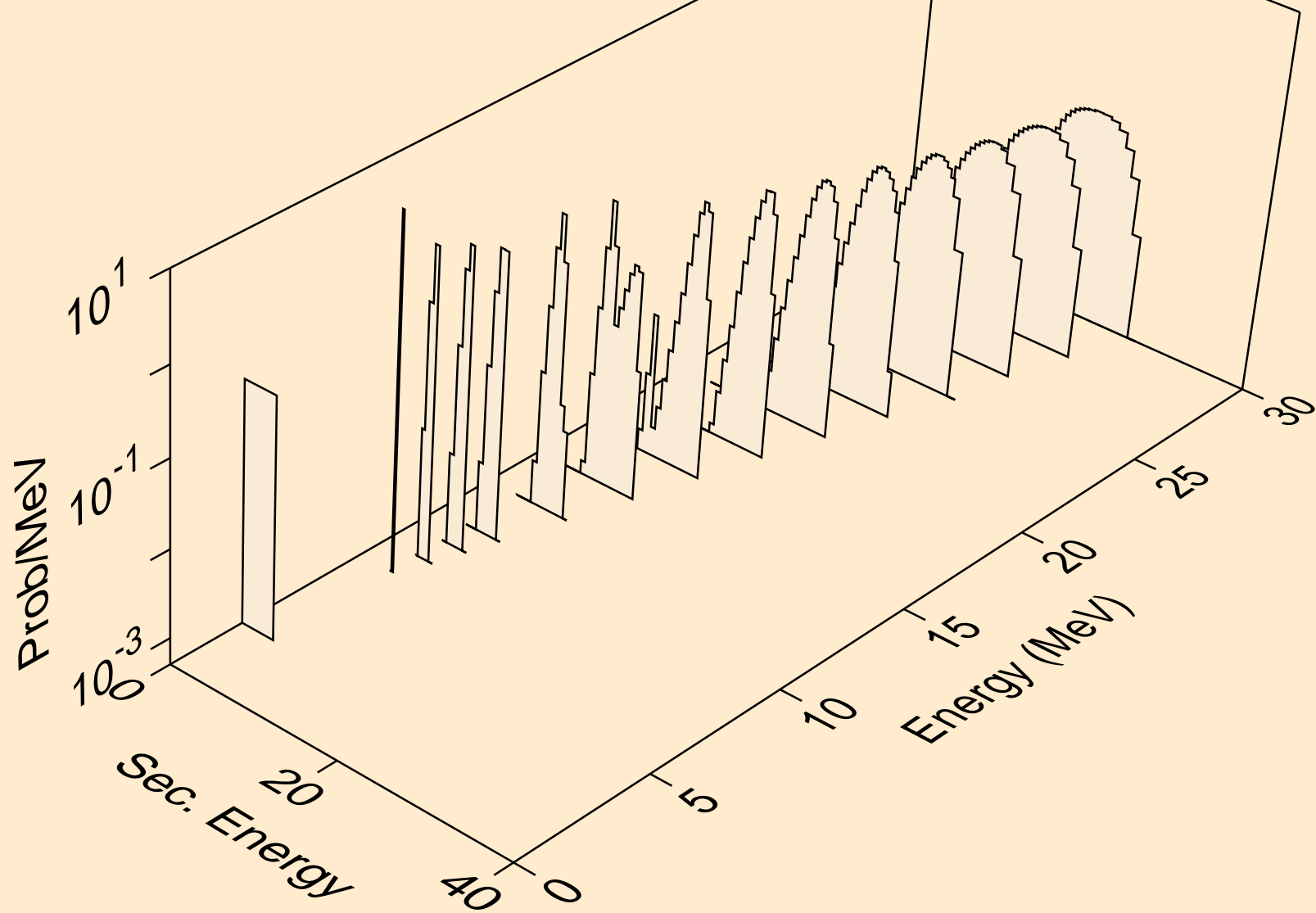
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



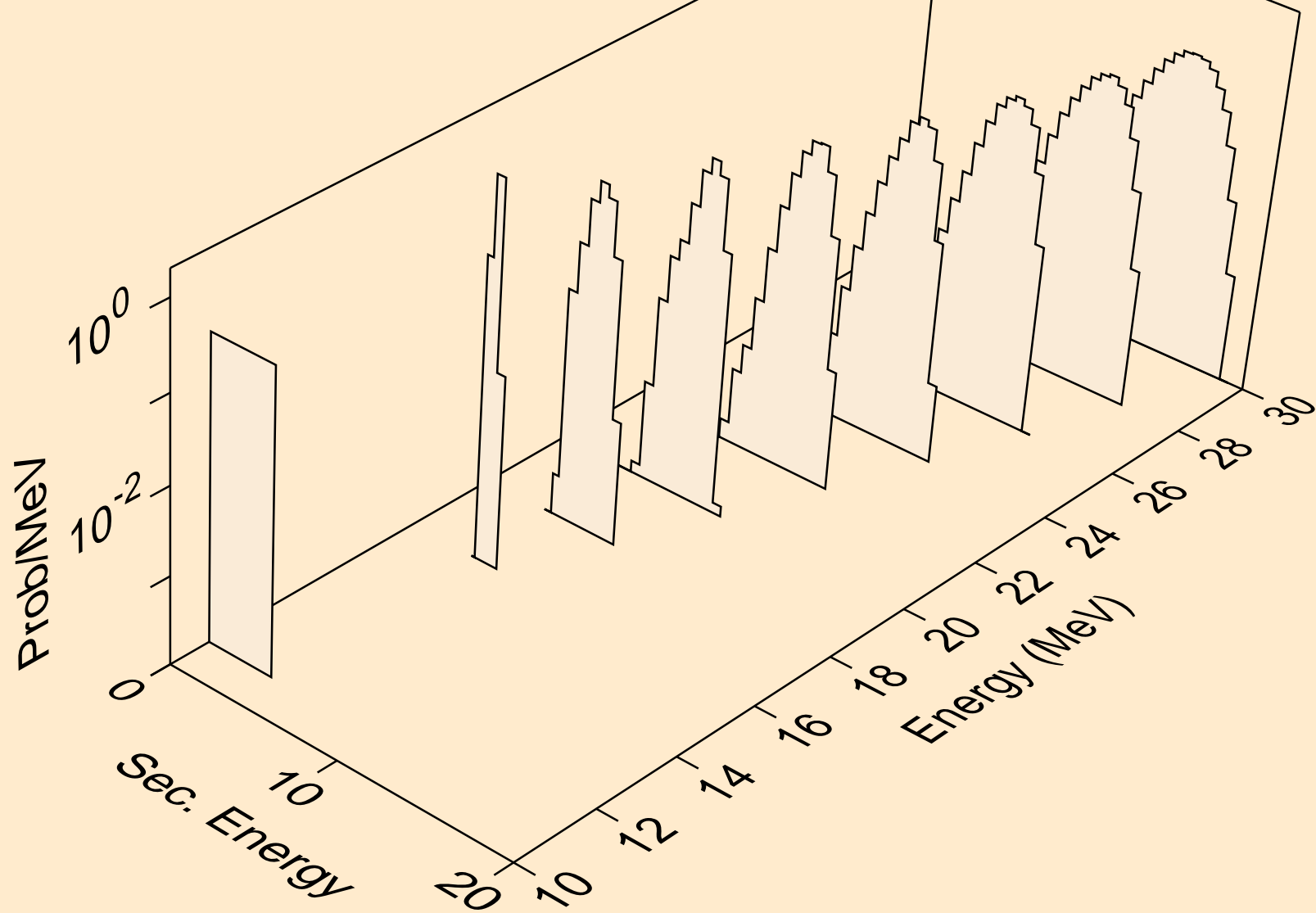
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

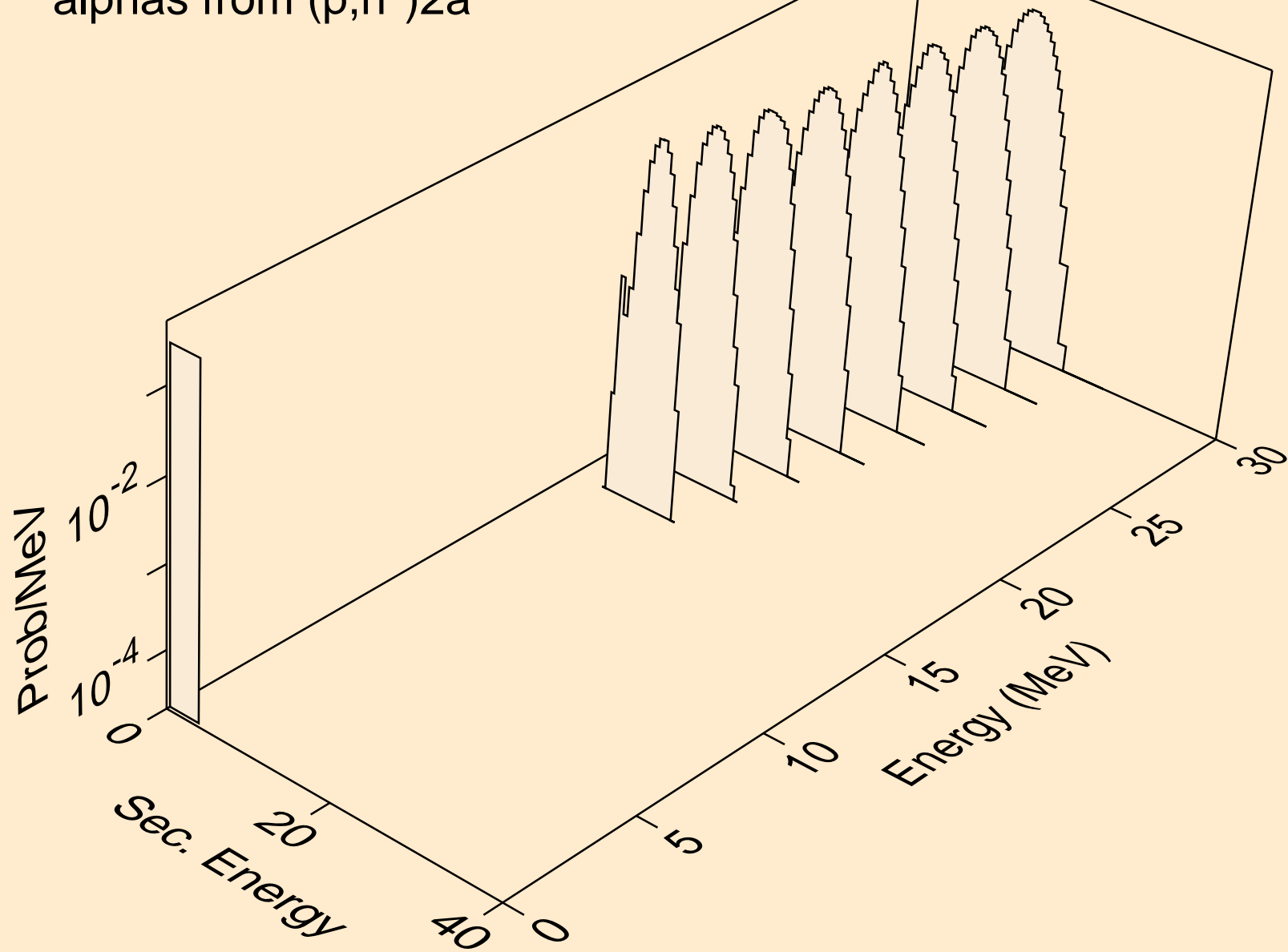


BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

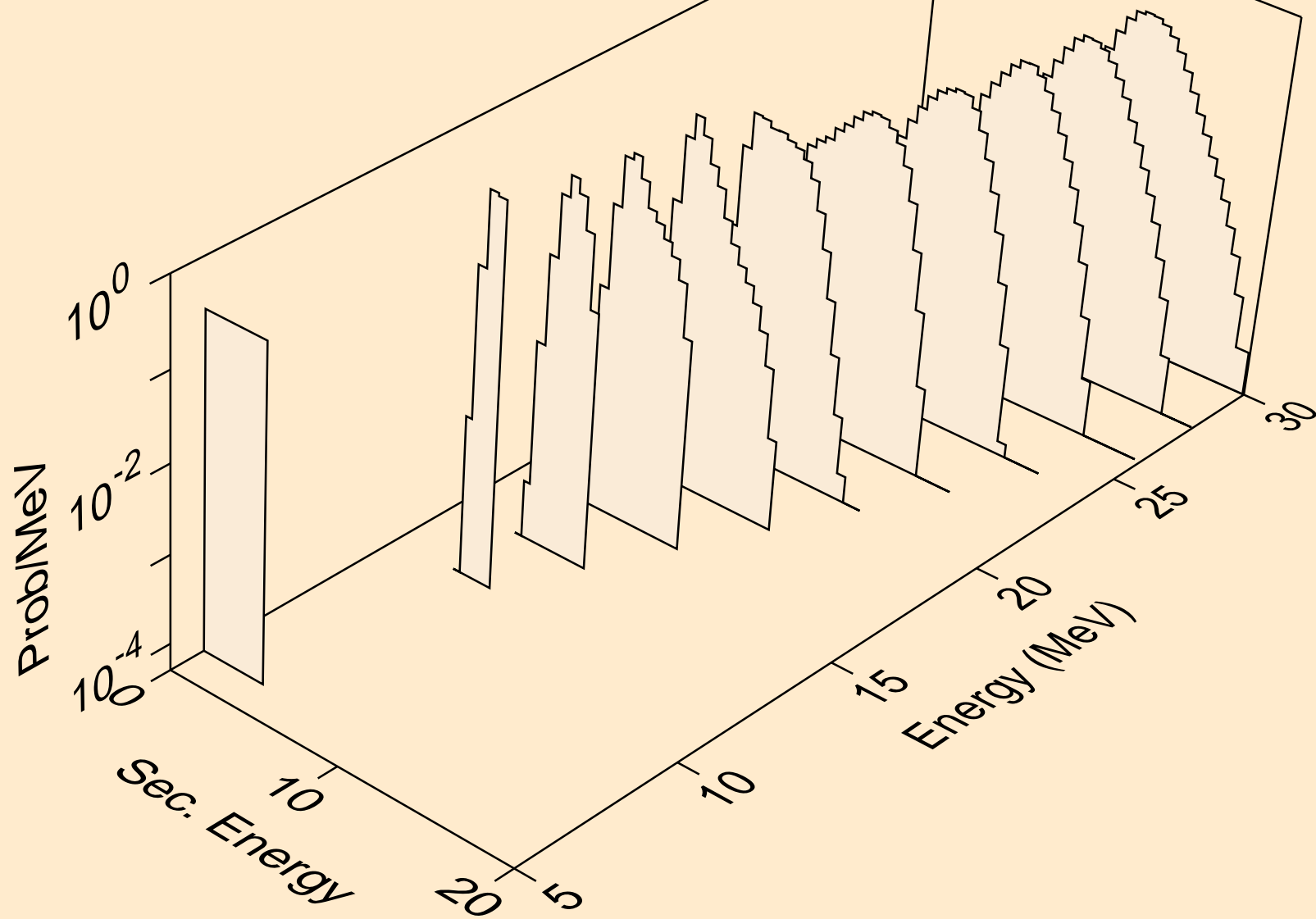




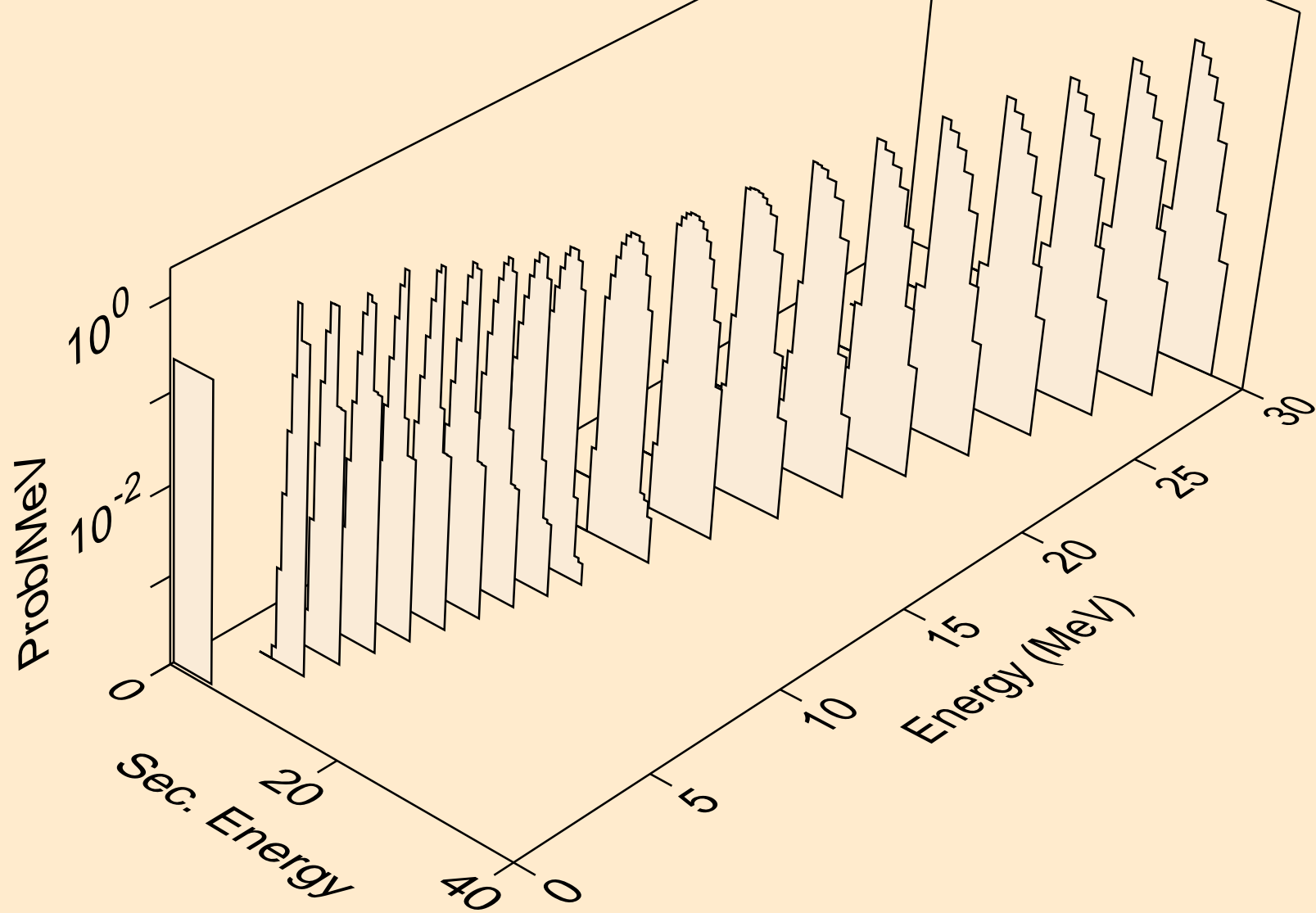
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



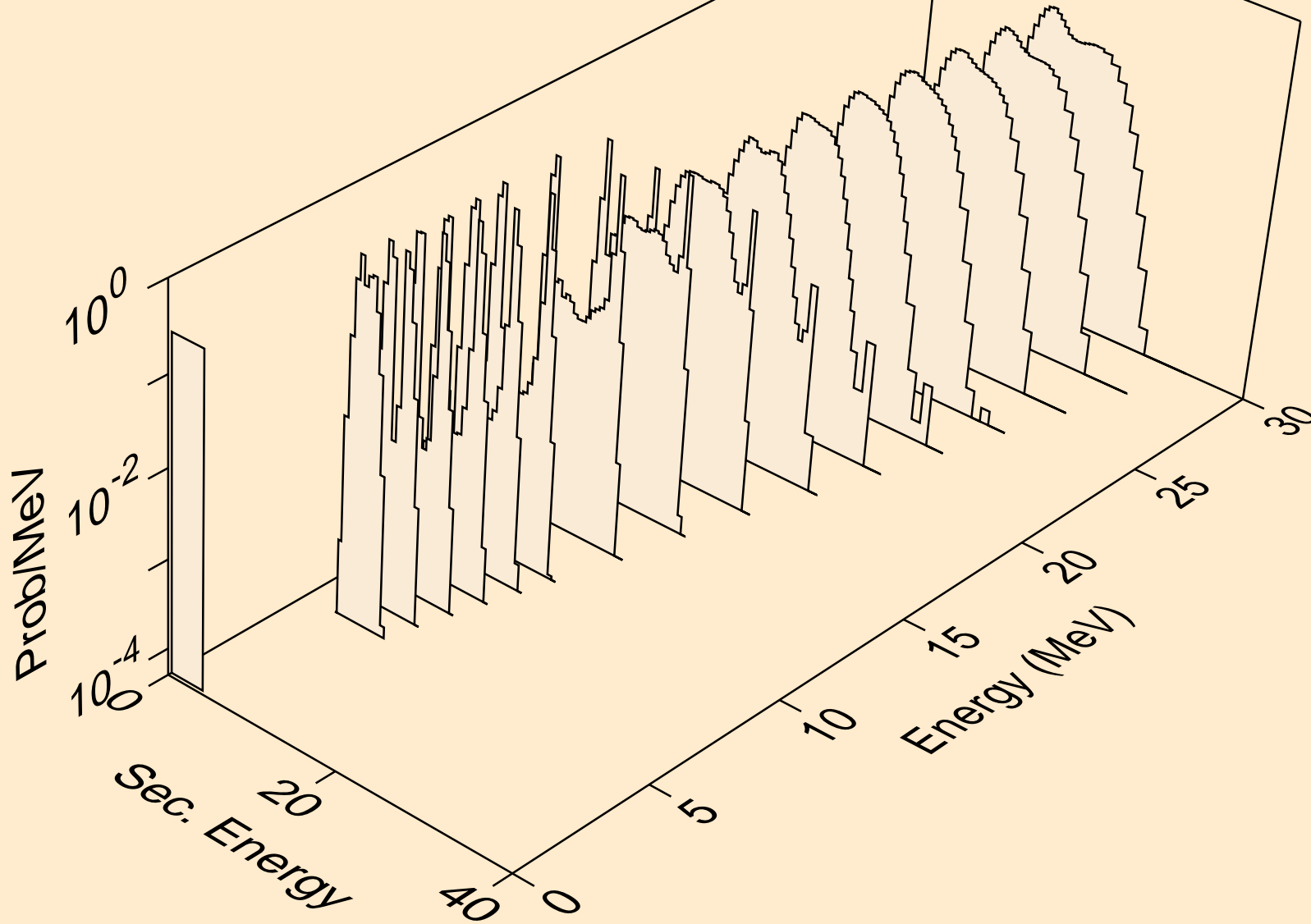
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



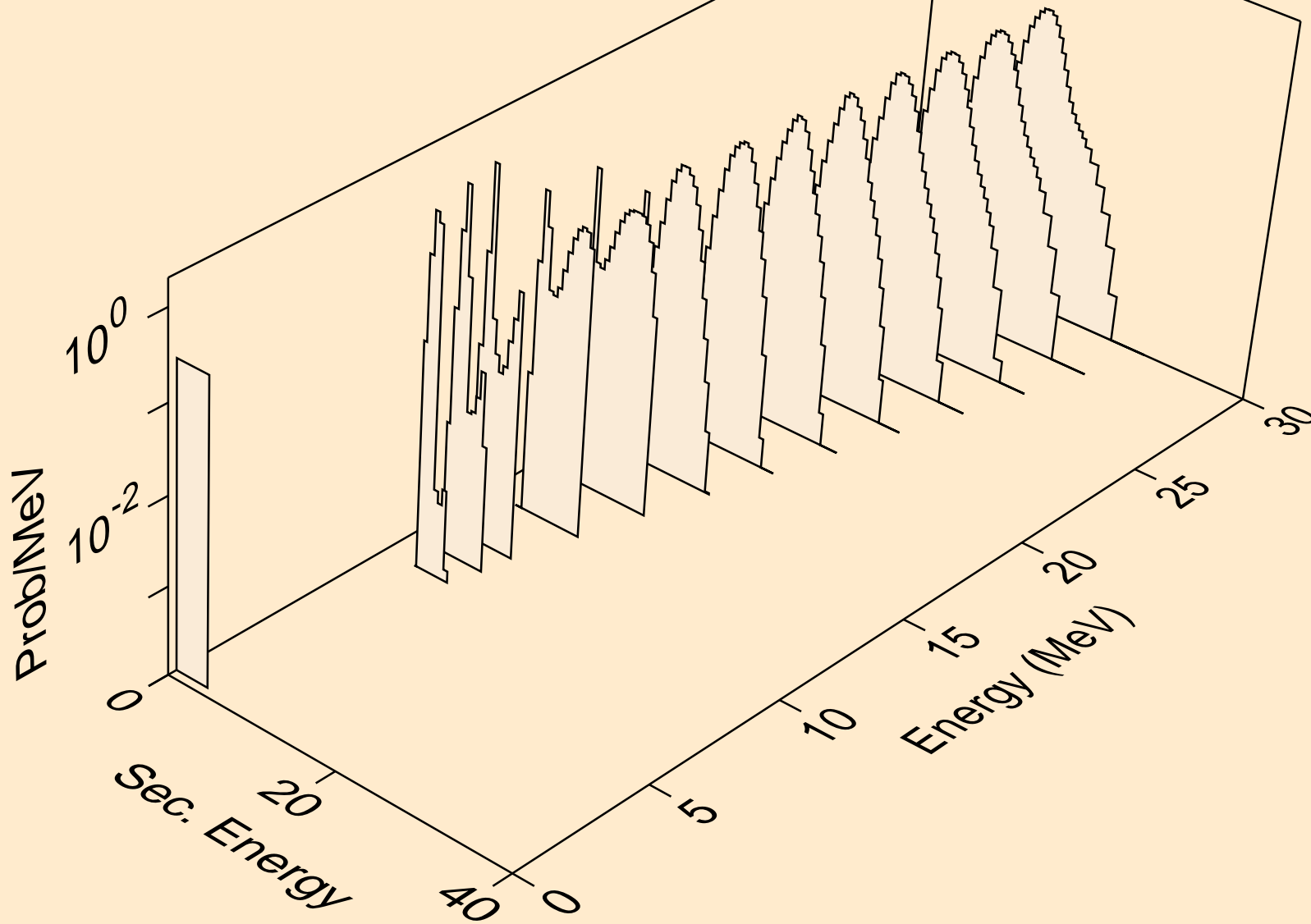
BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



BA142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

