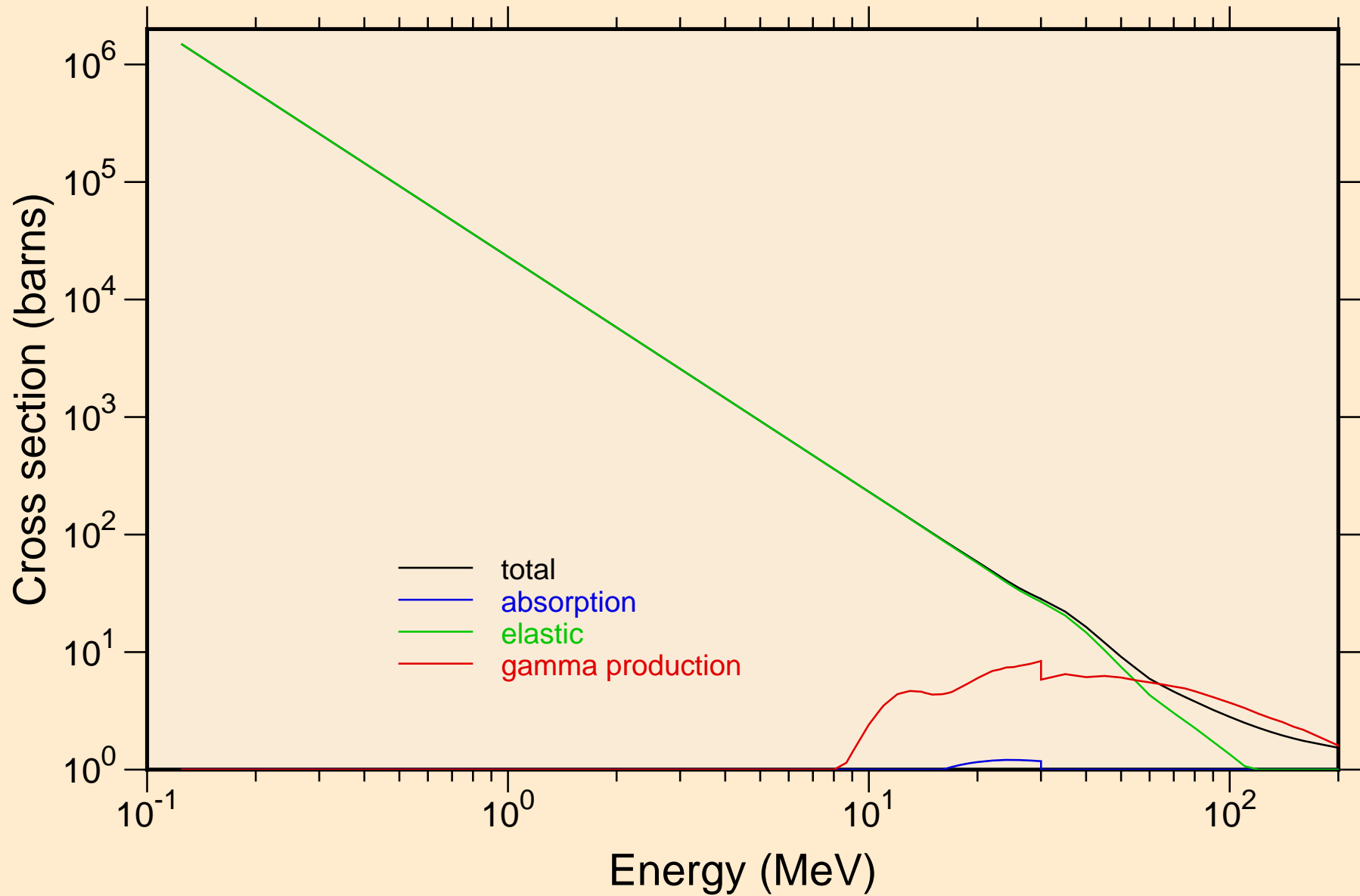
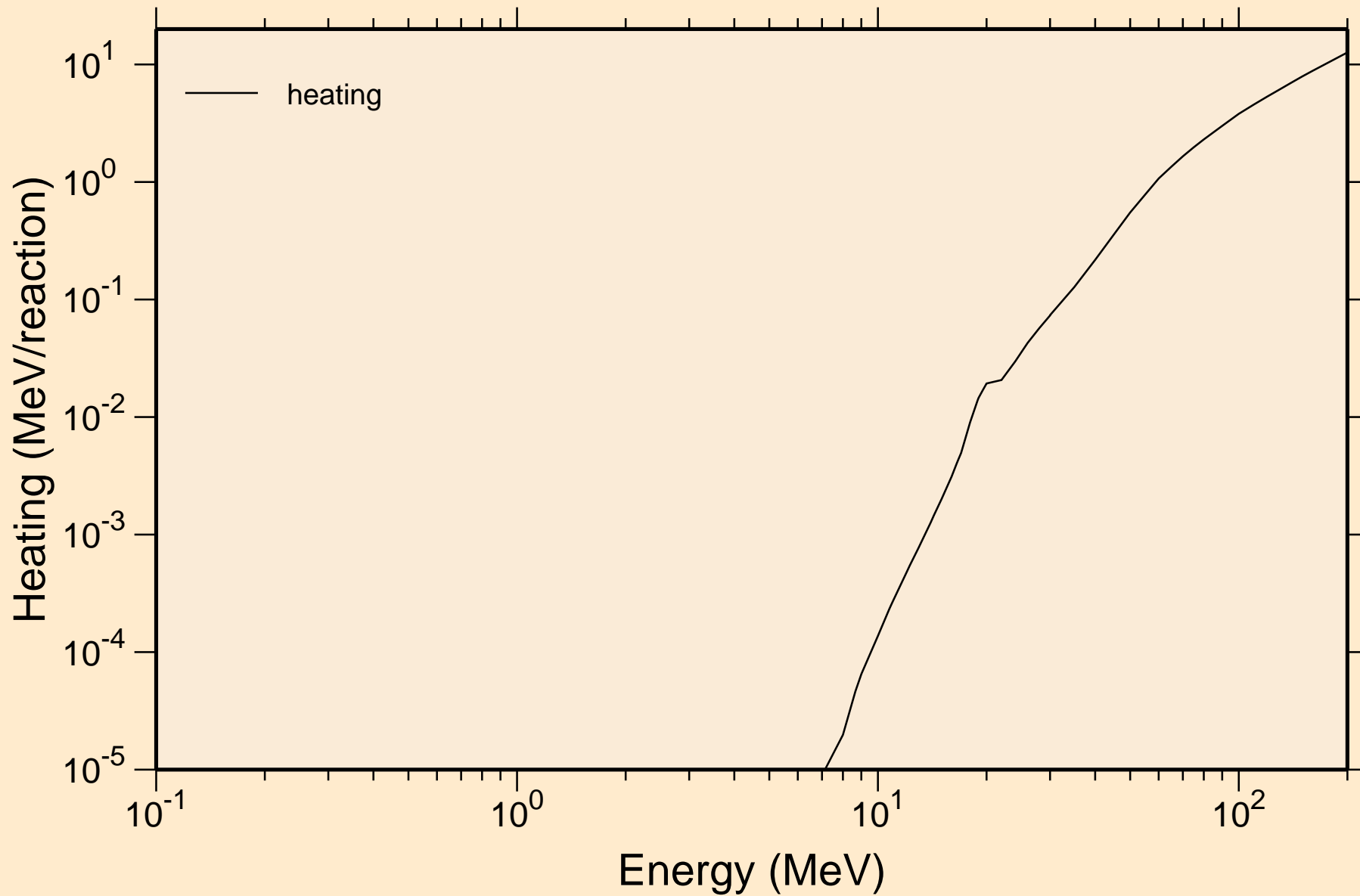


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

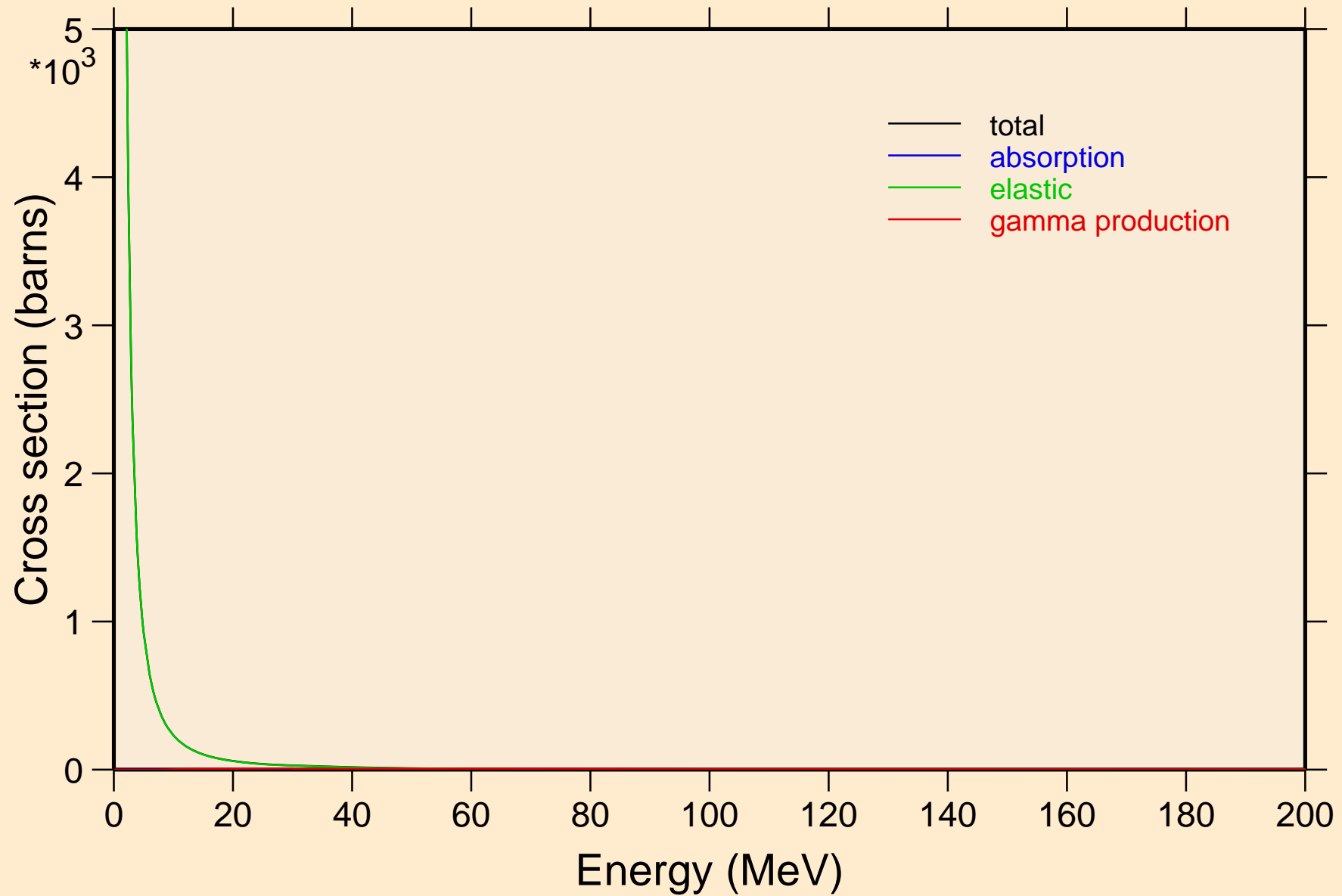


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



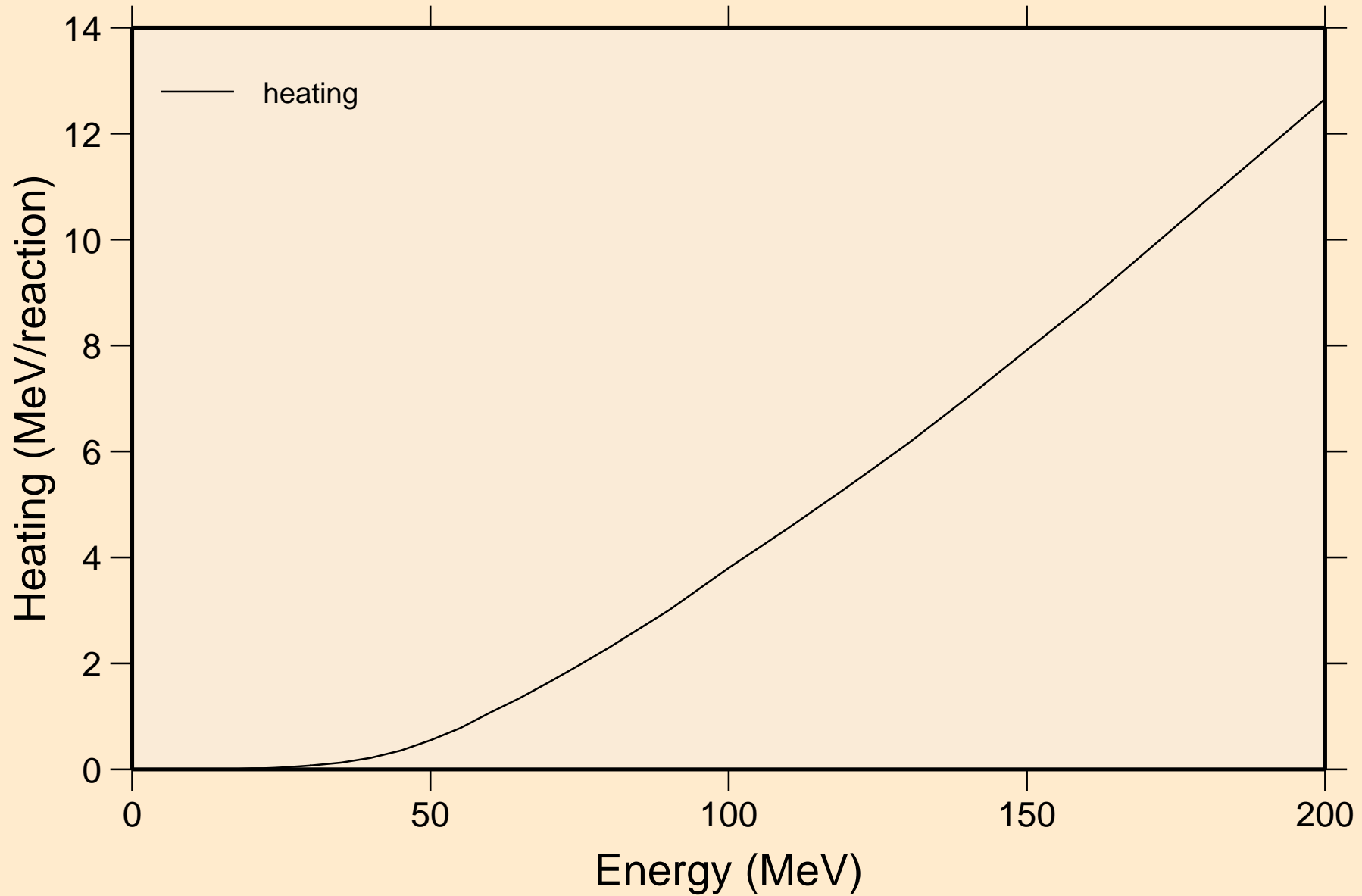
# PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

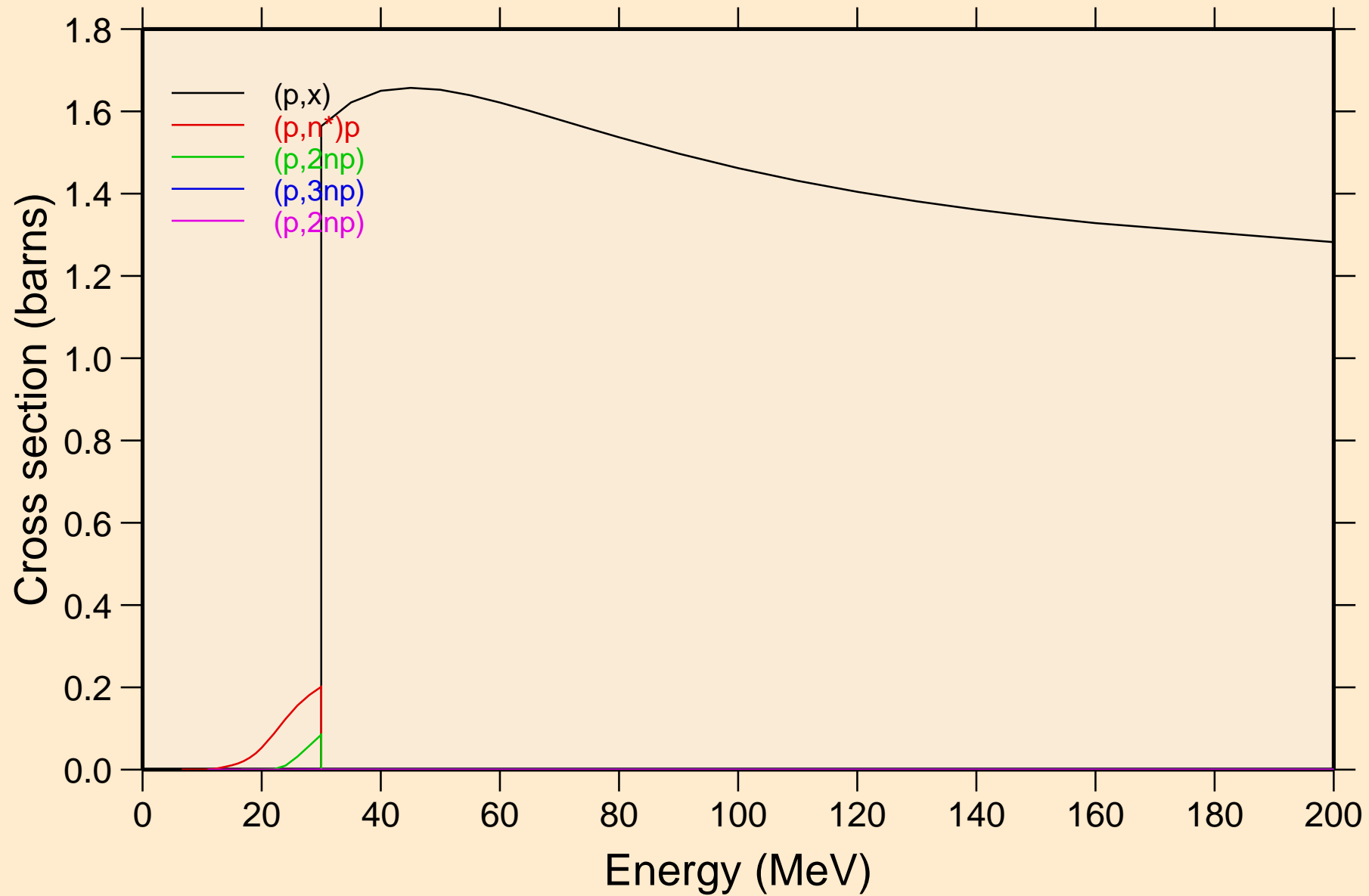


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

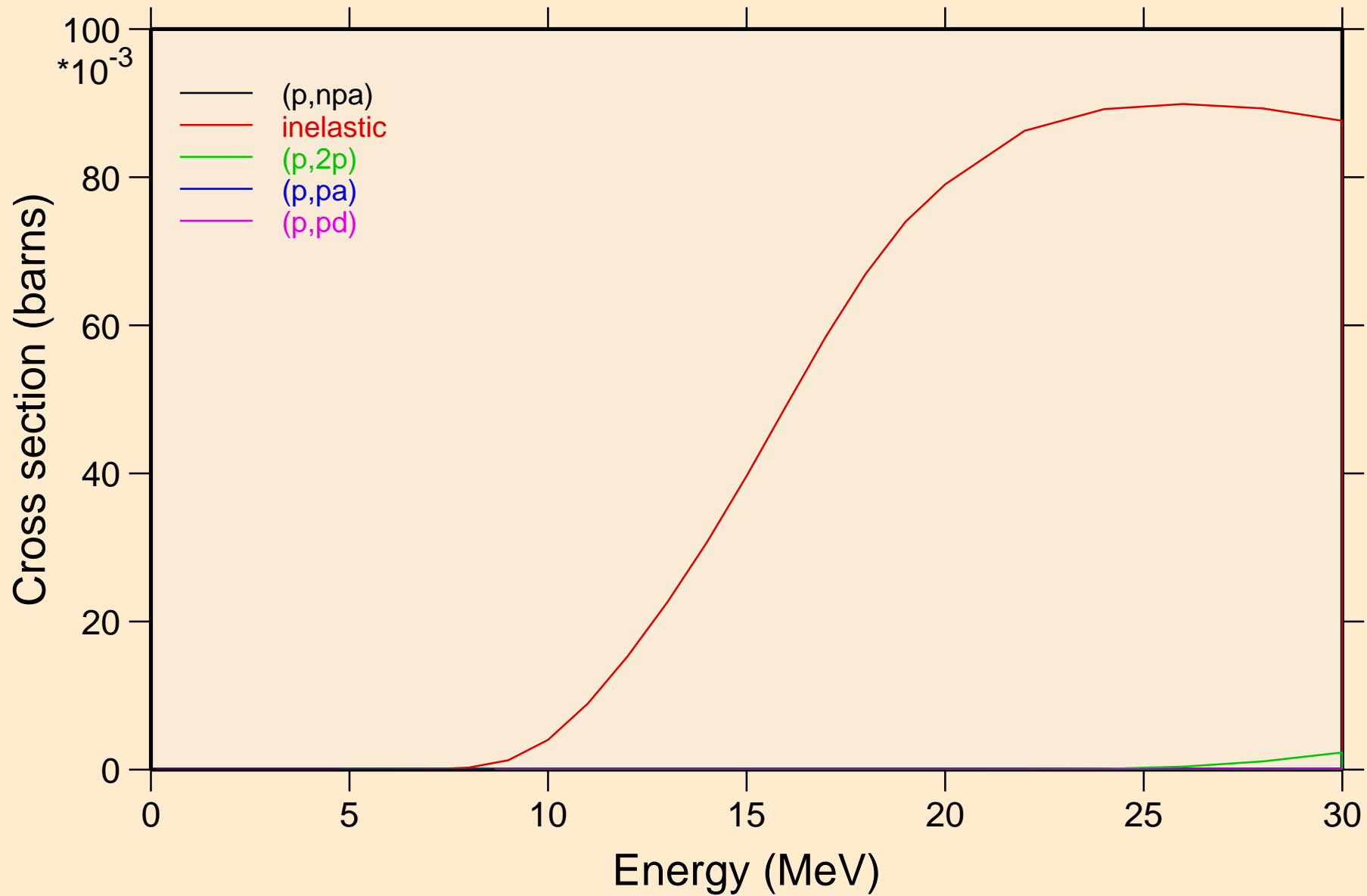


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

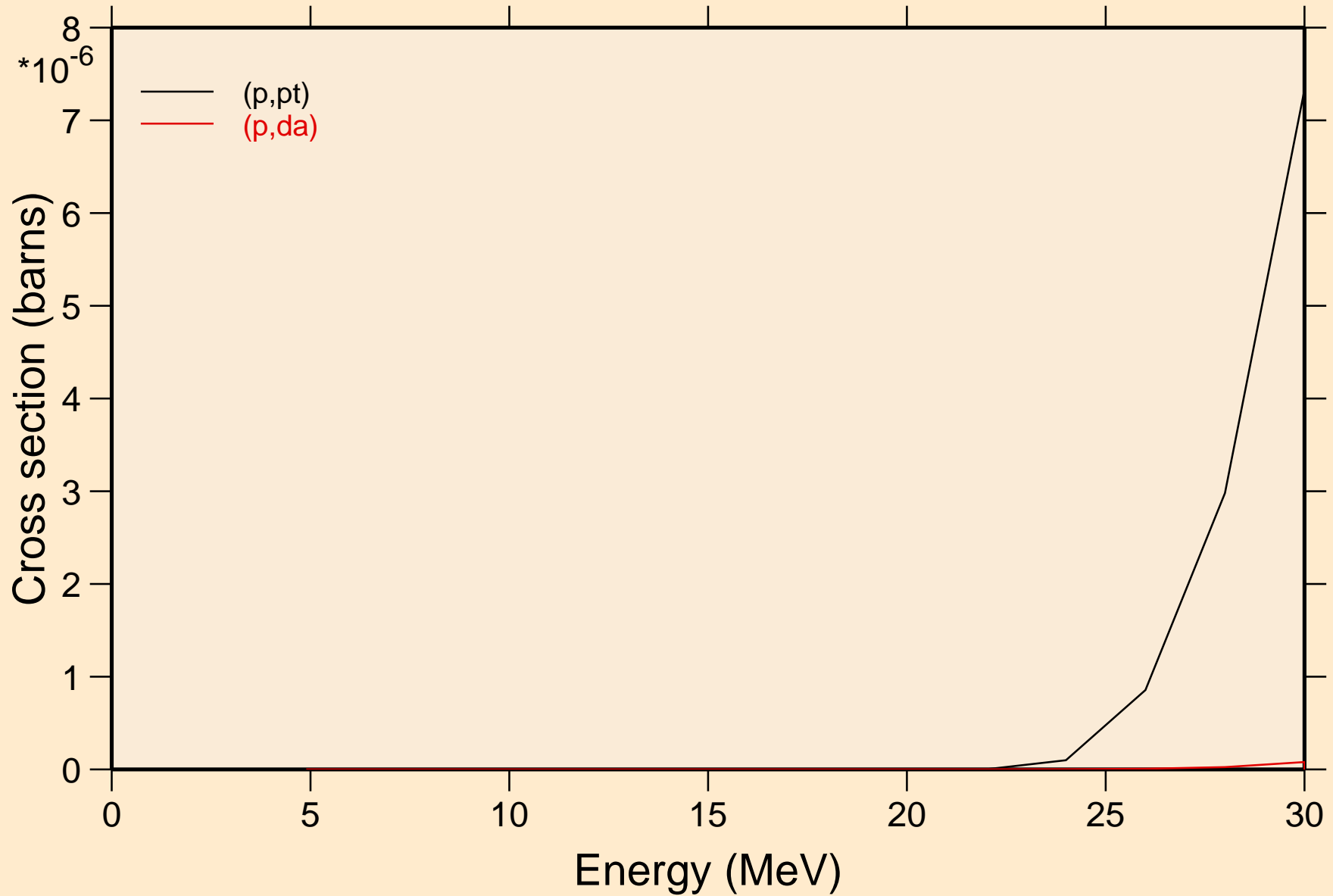


# PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K

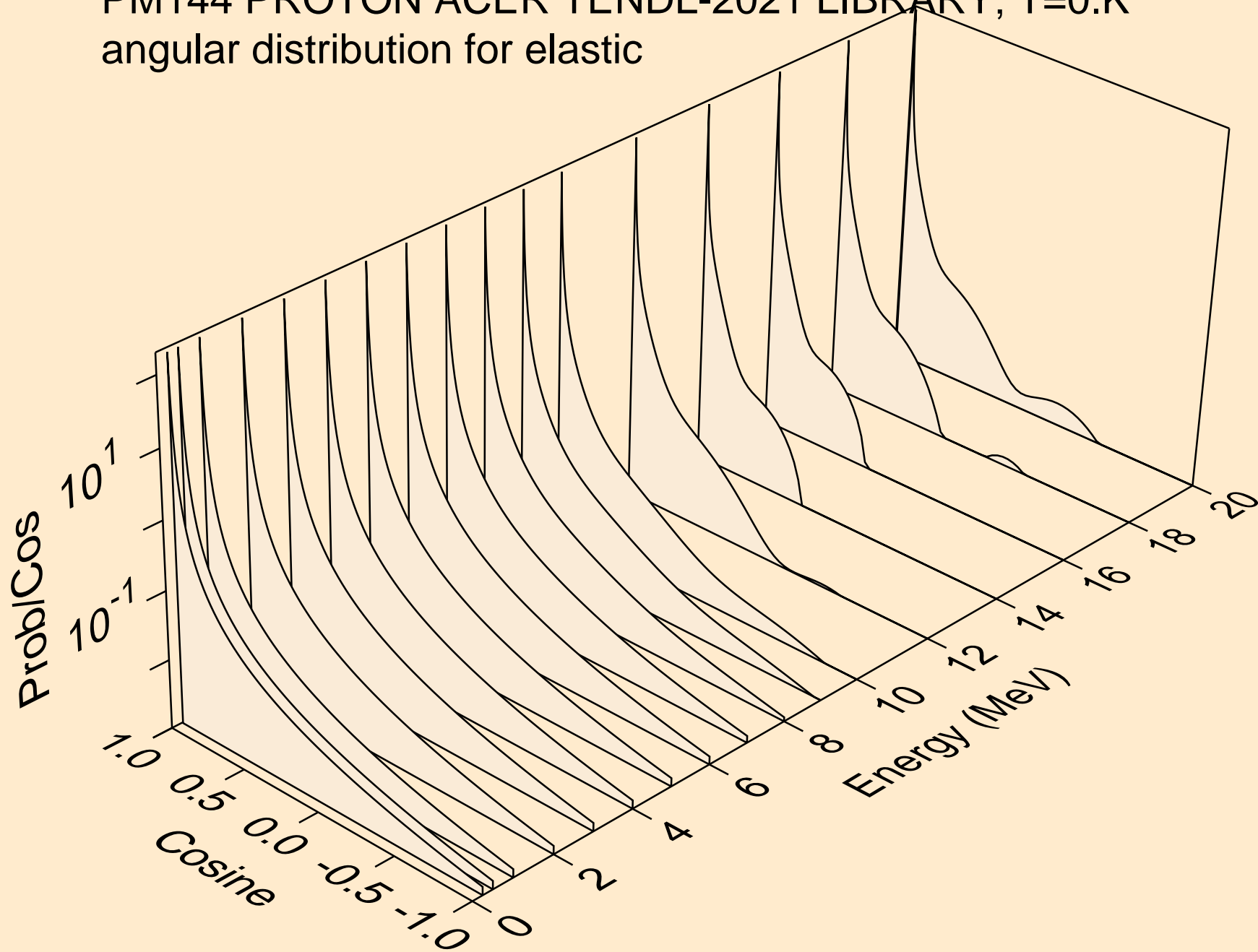
## Threshold reactions



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

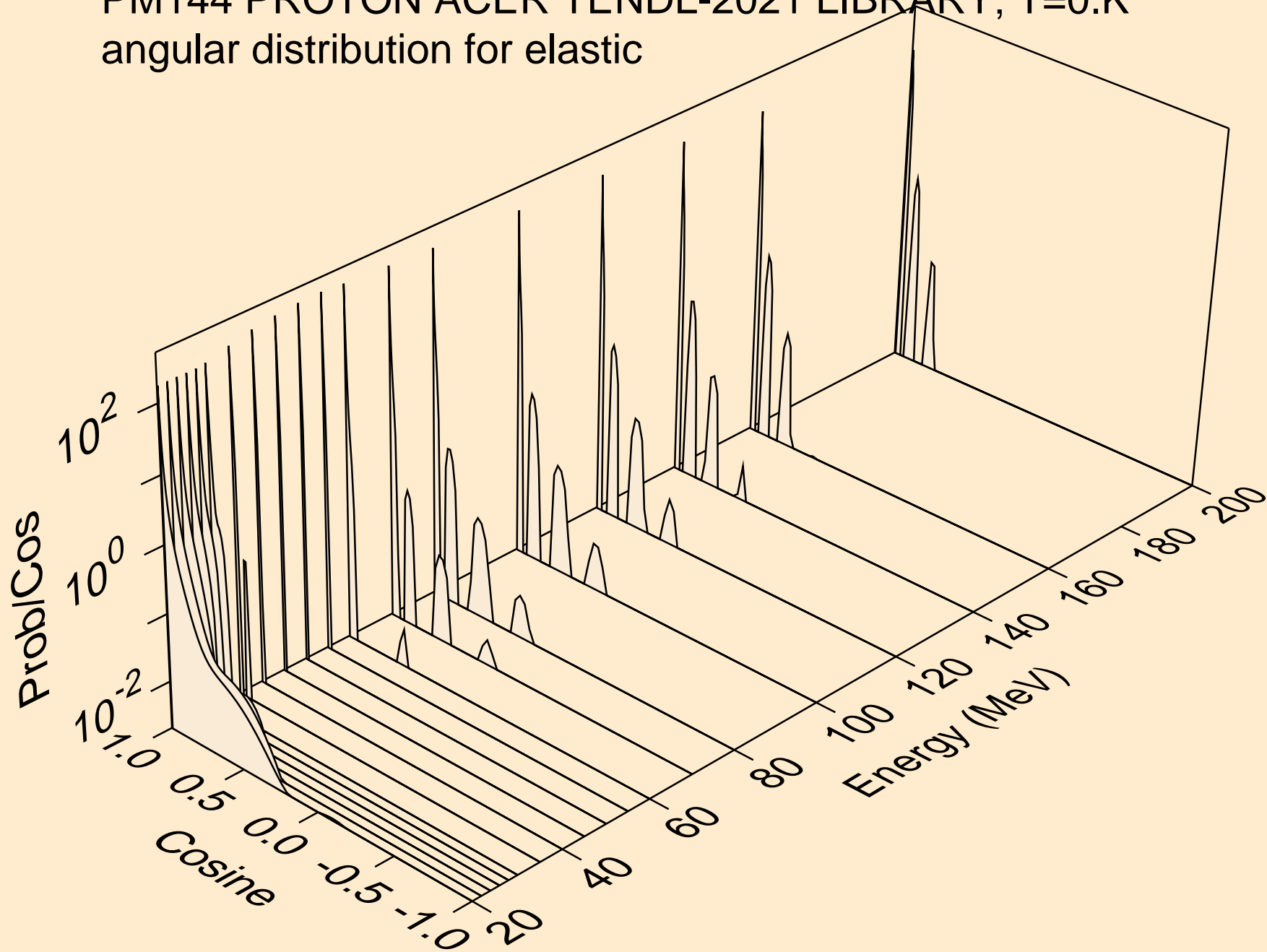


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

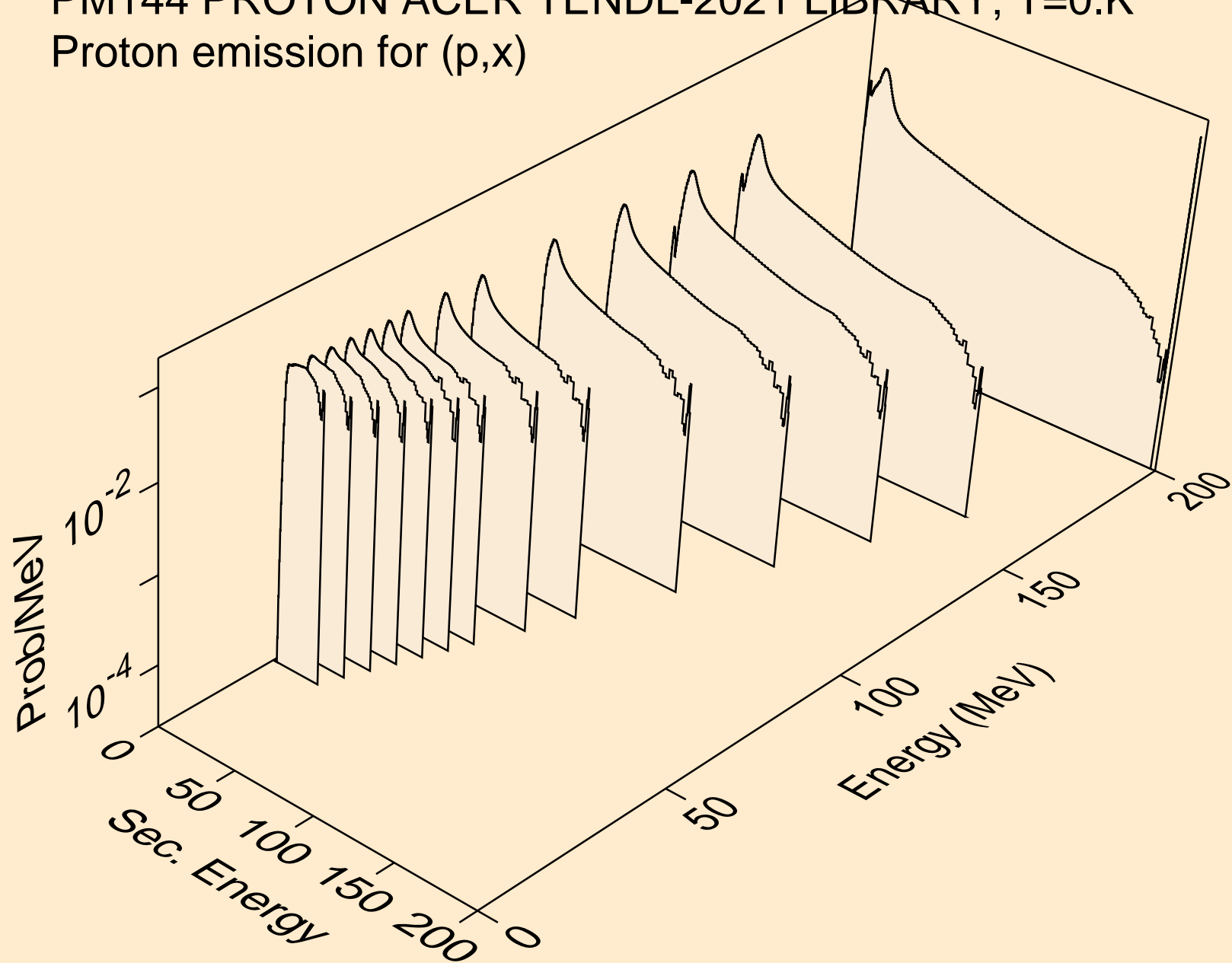




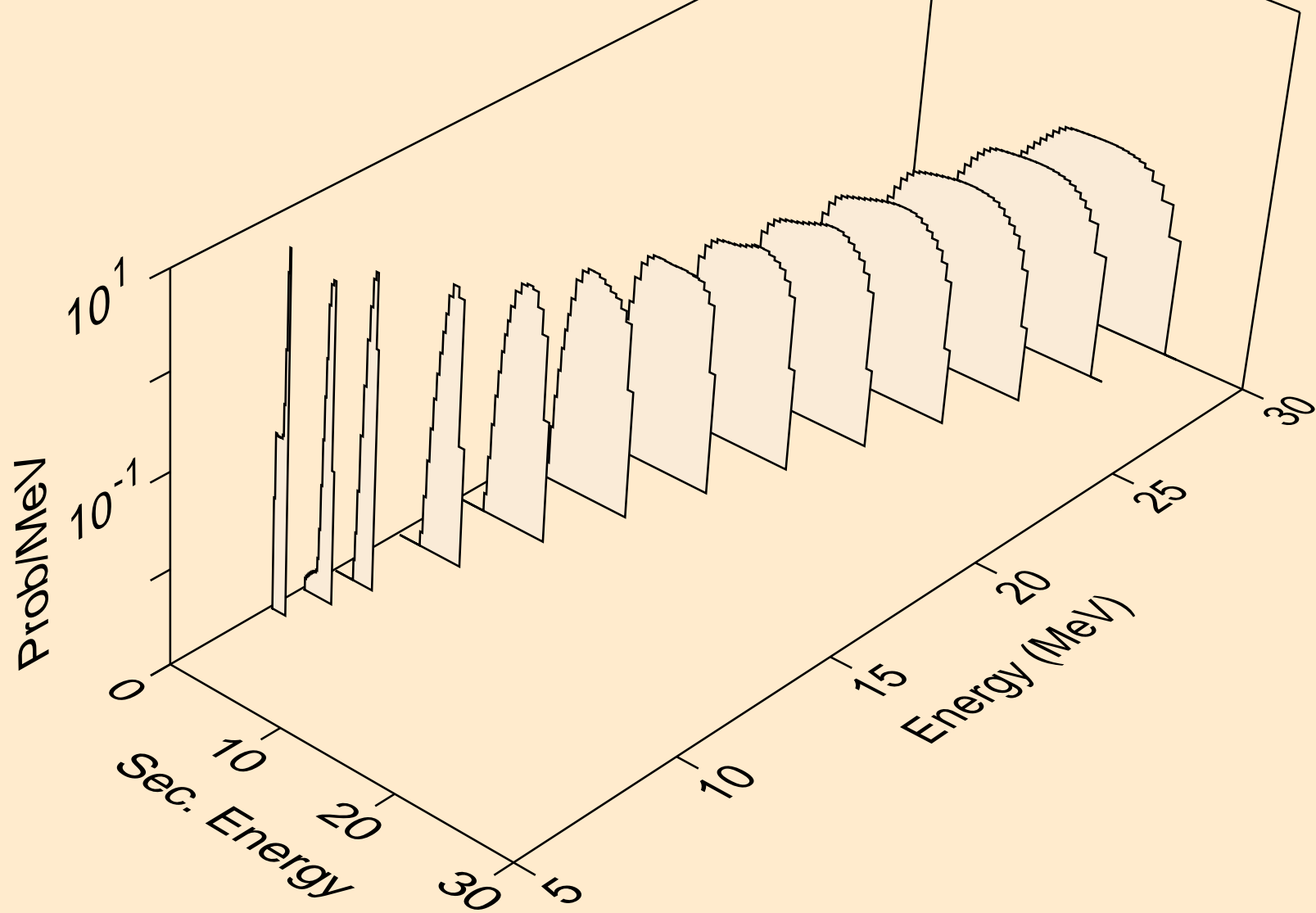
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



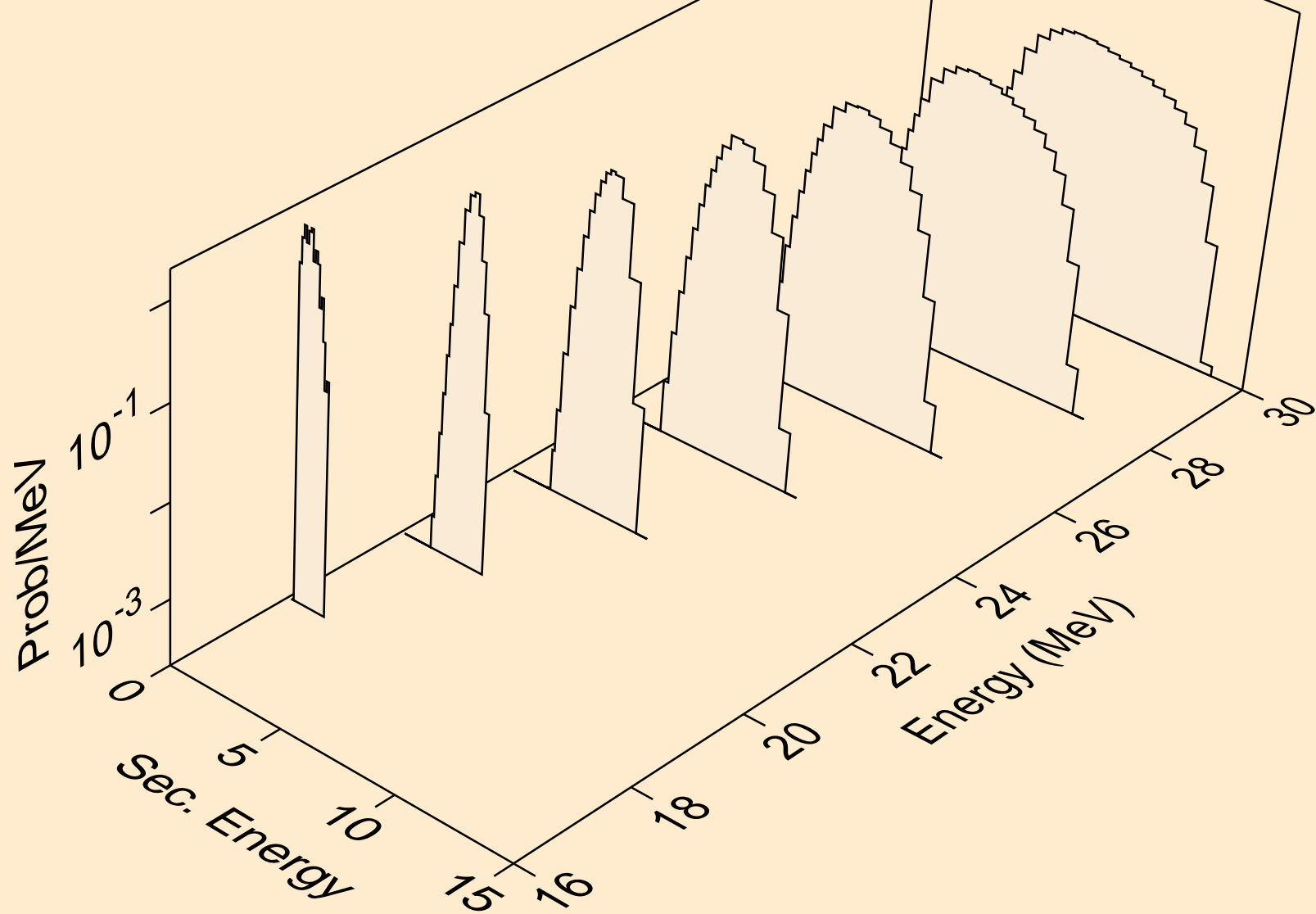
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



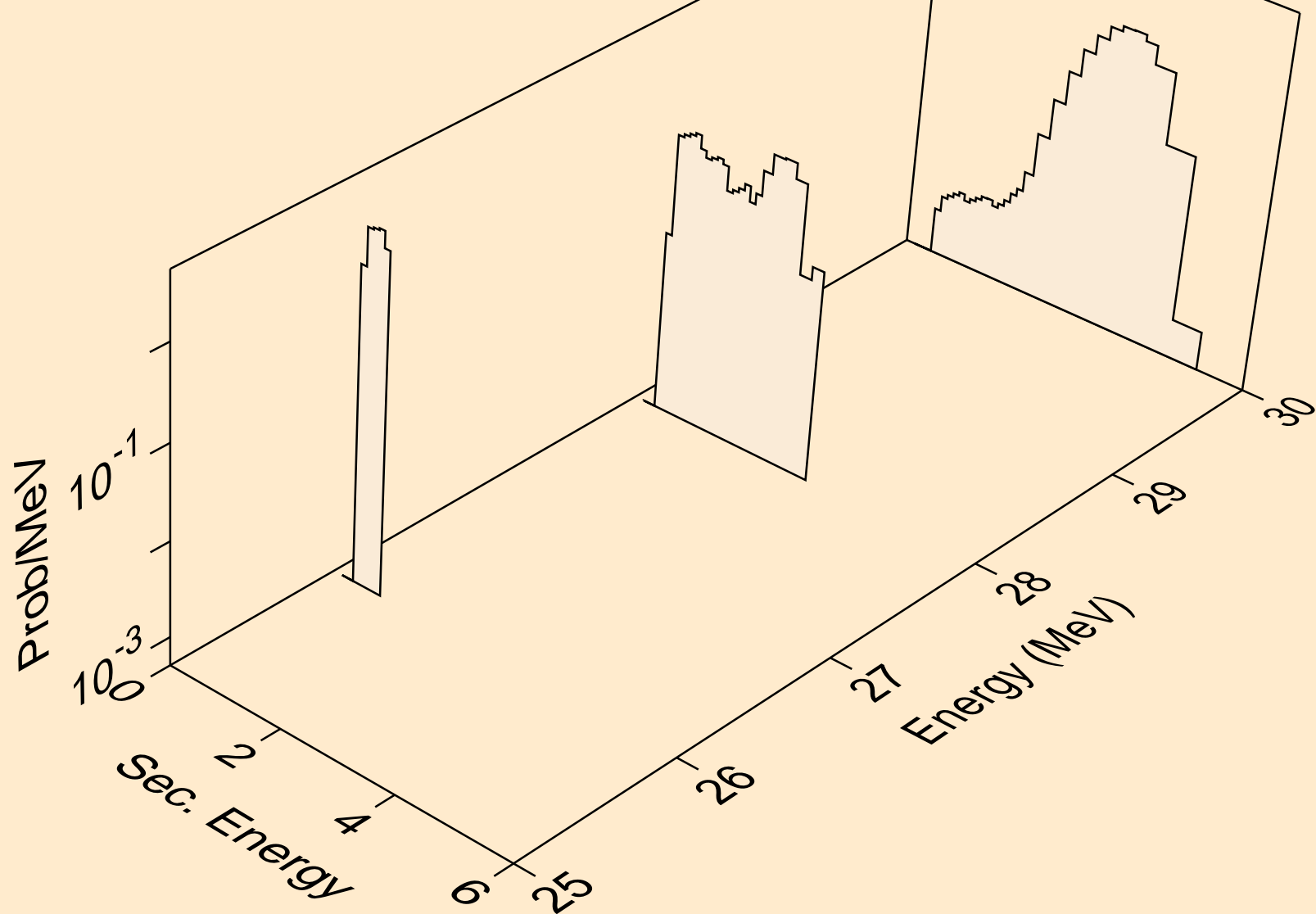
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



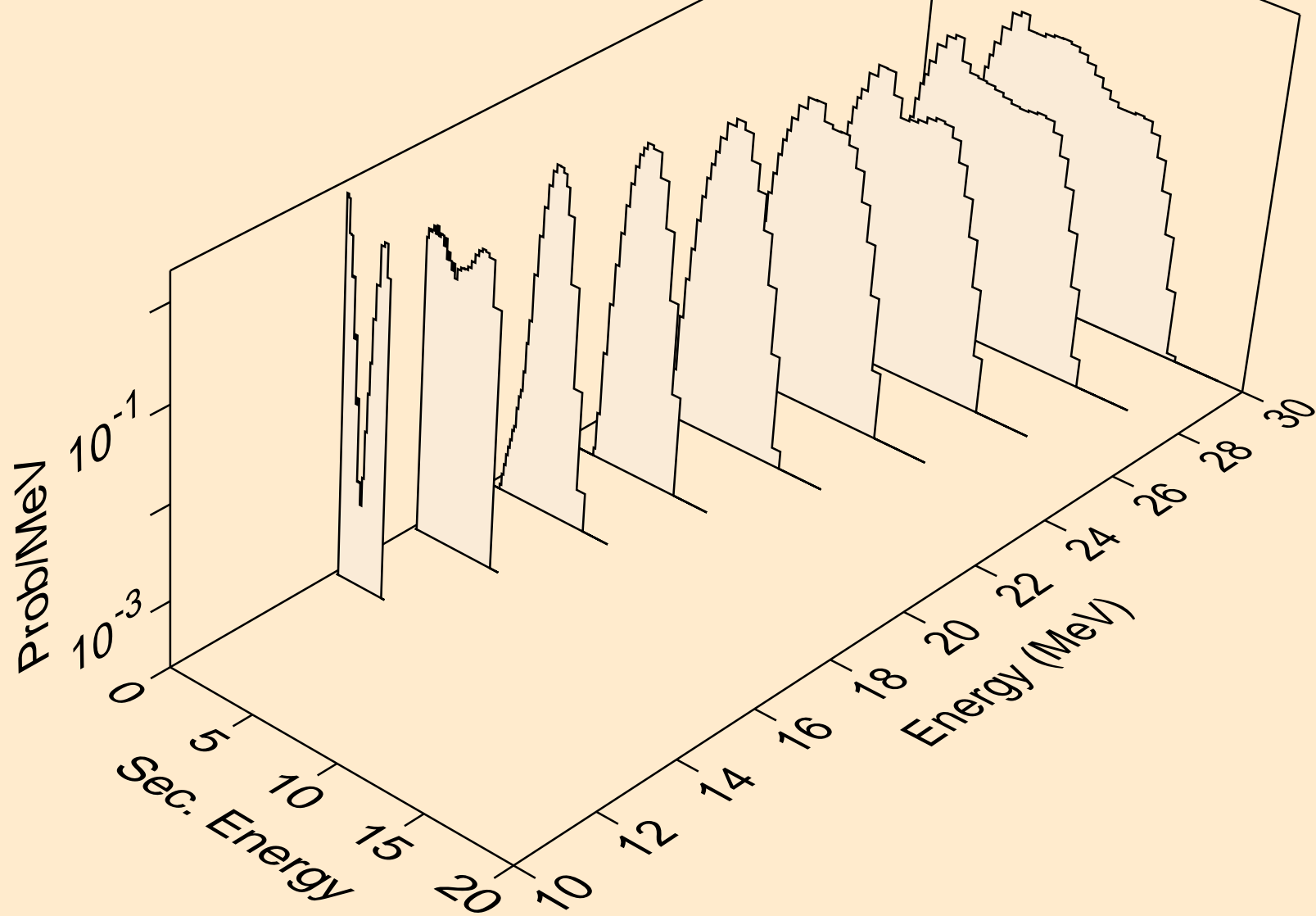
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



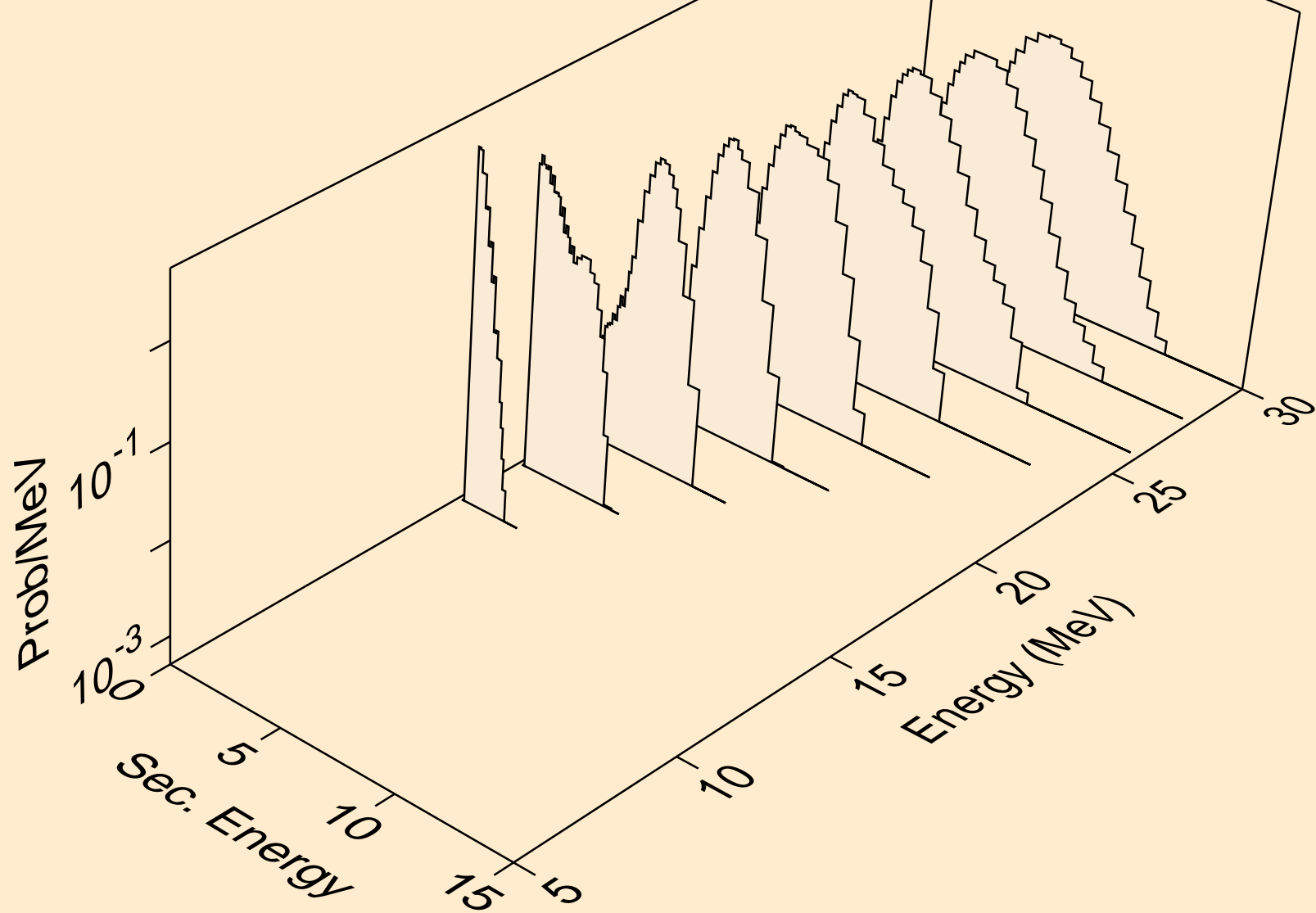
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



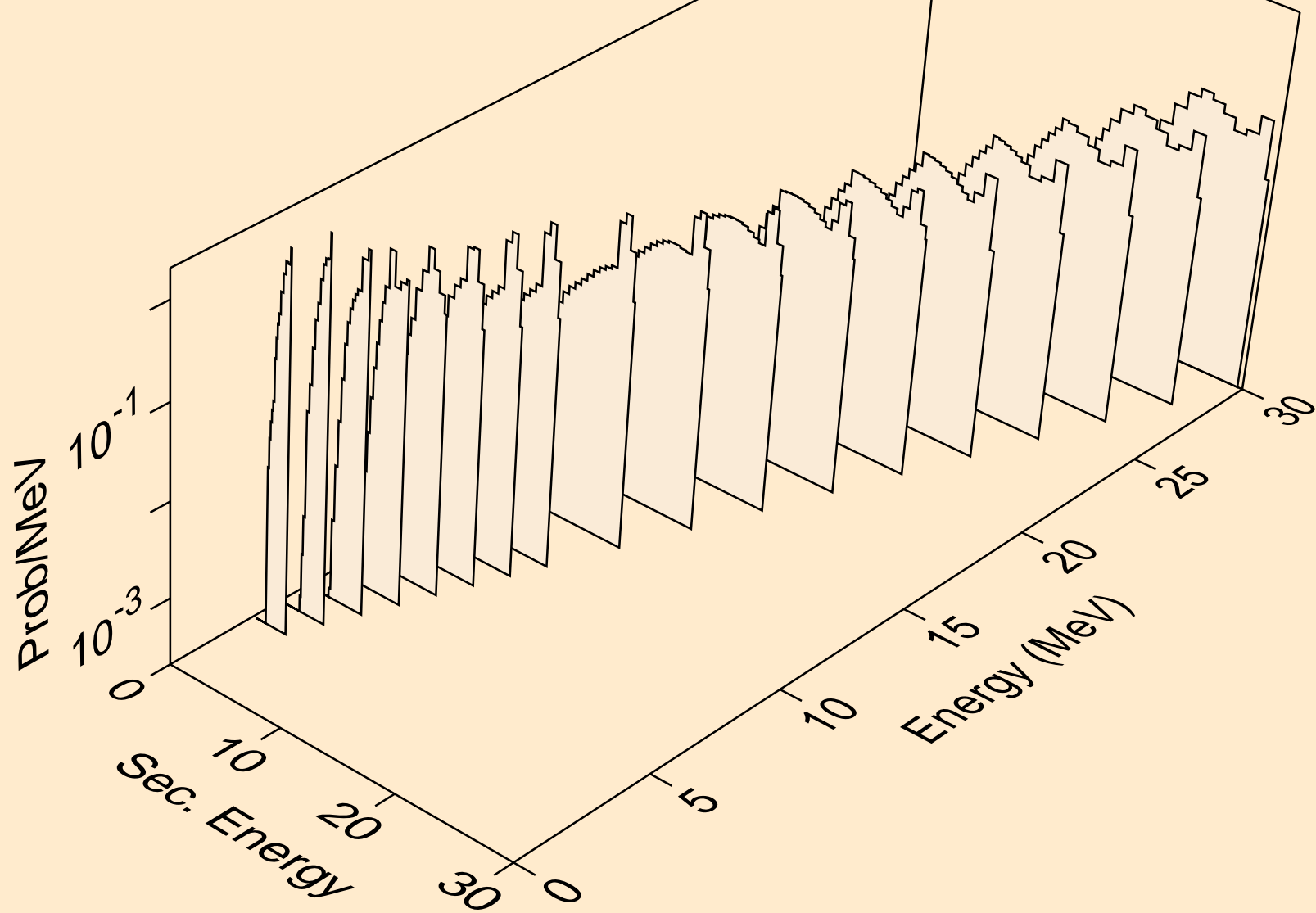
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

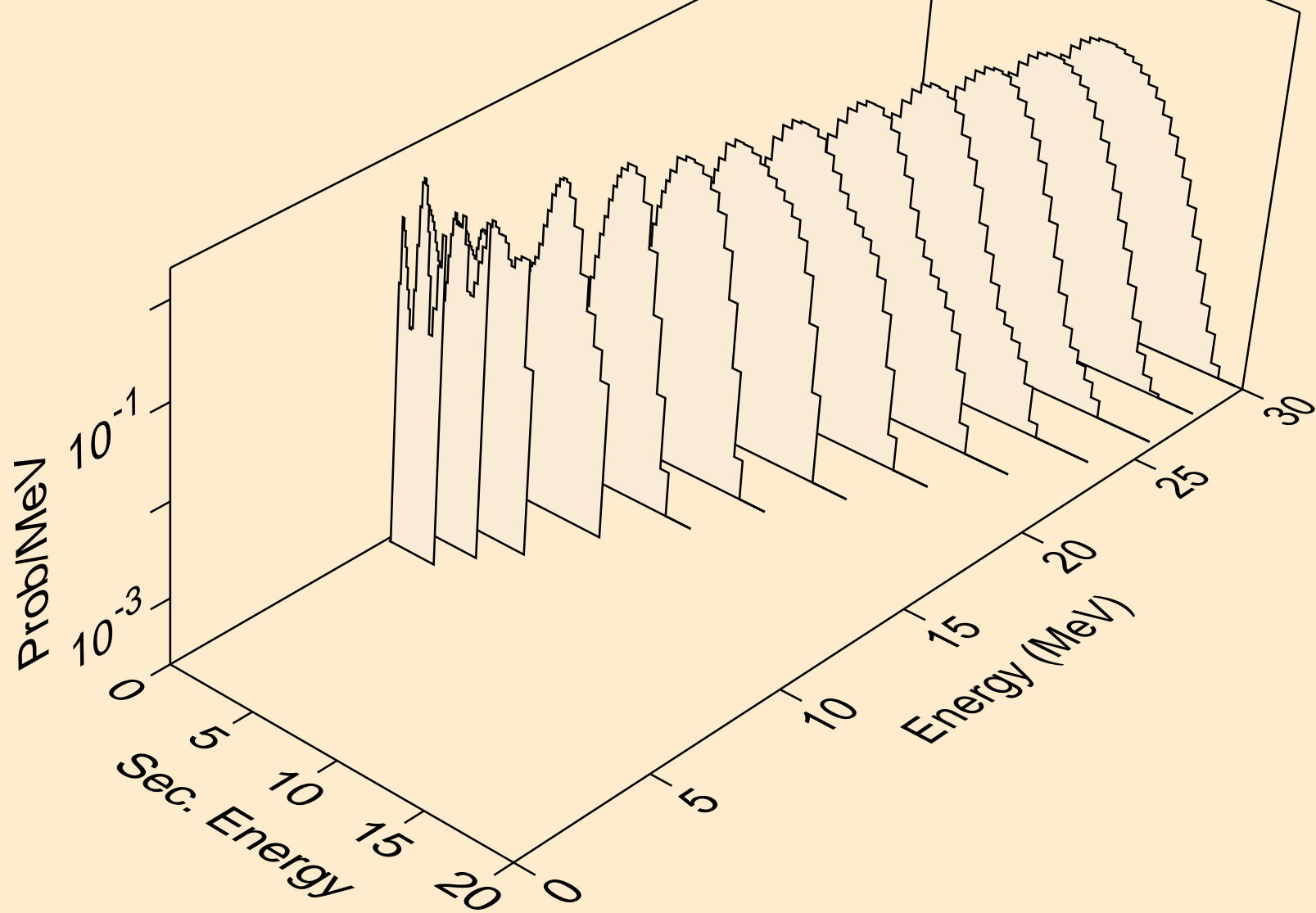


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

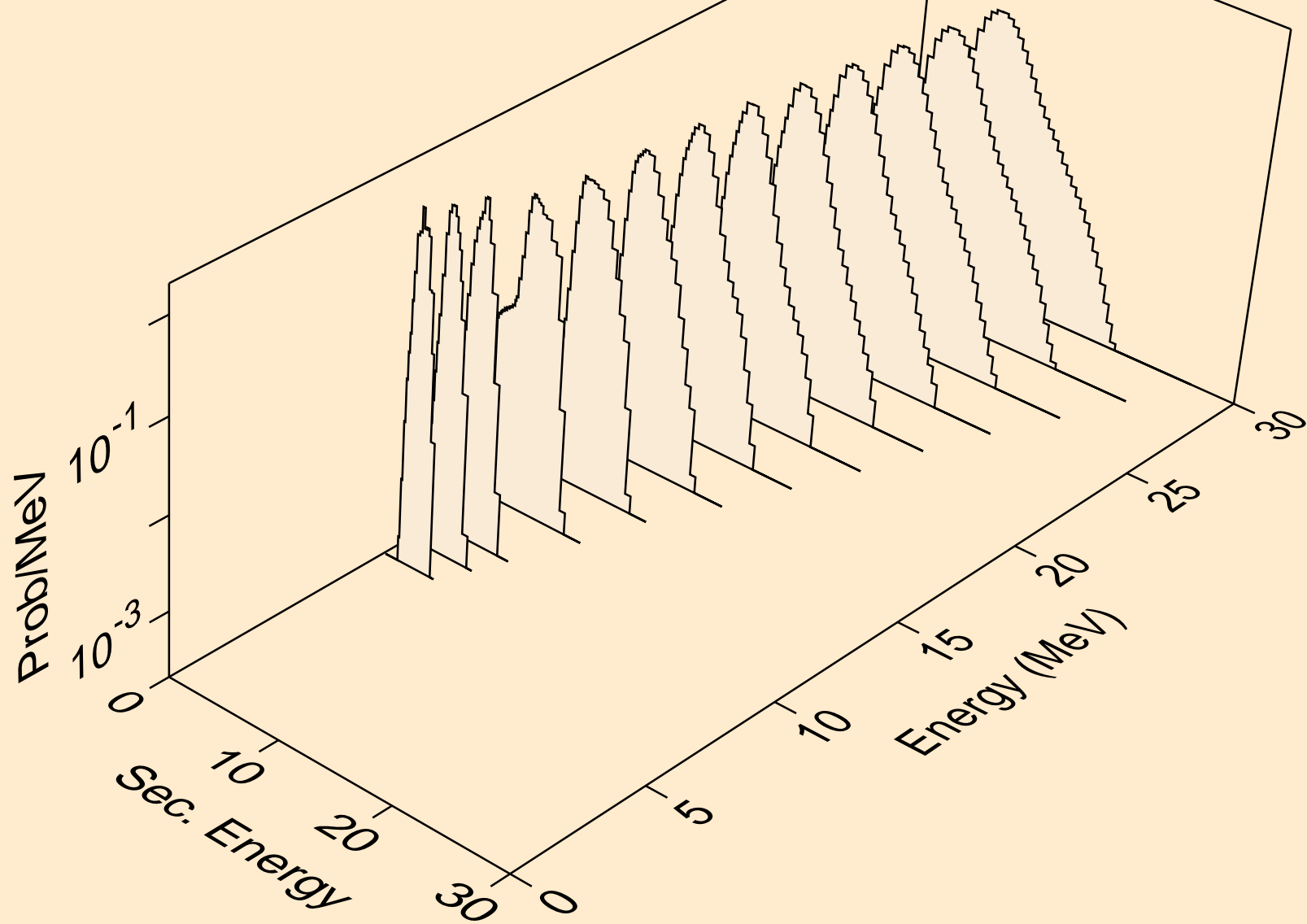




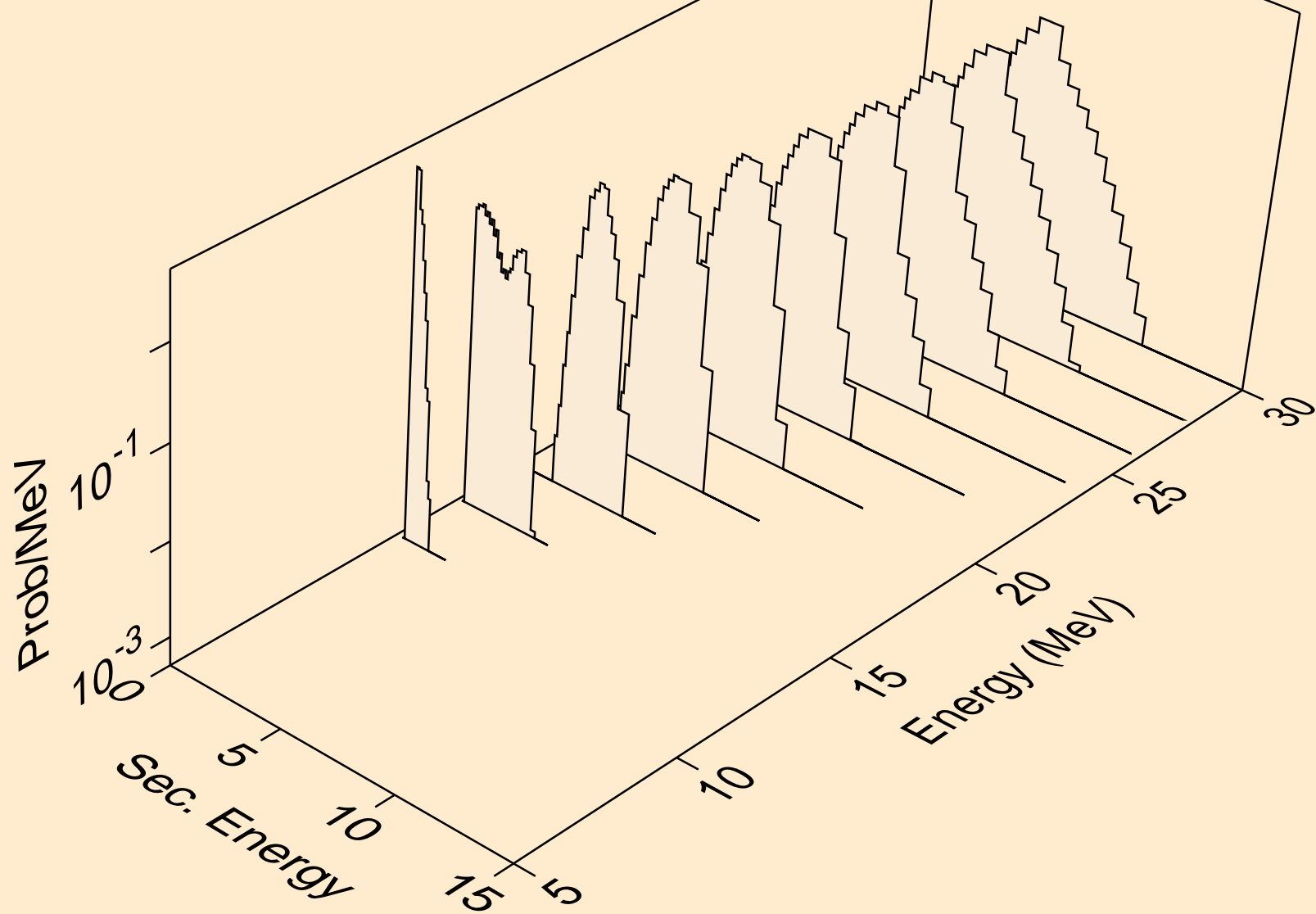
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



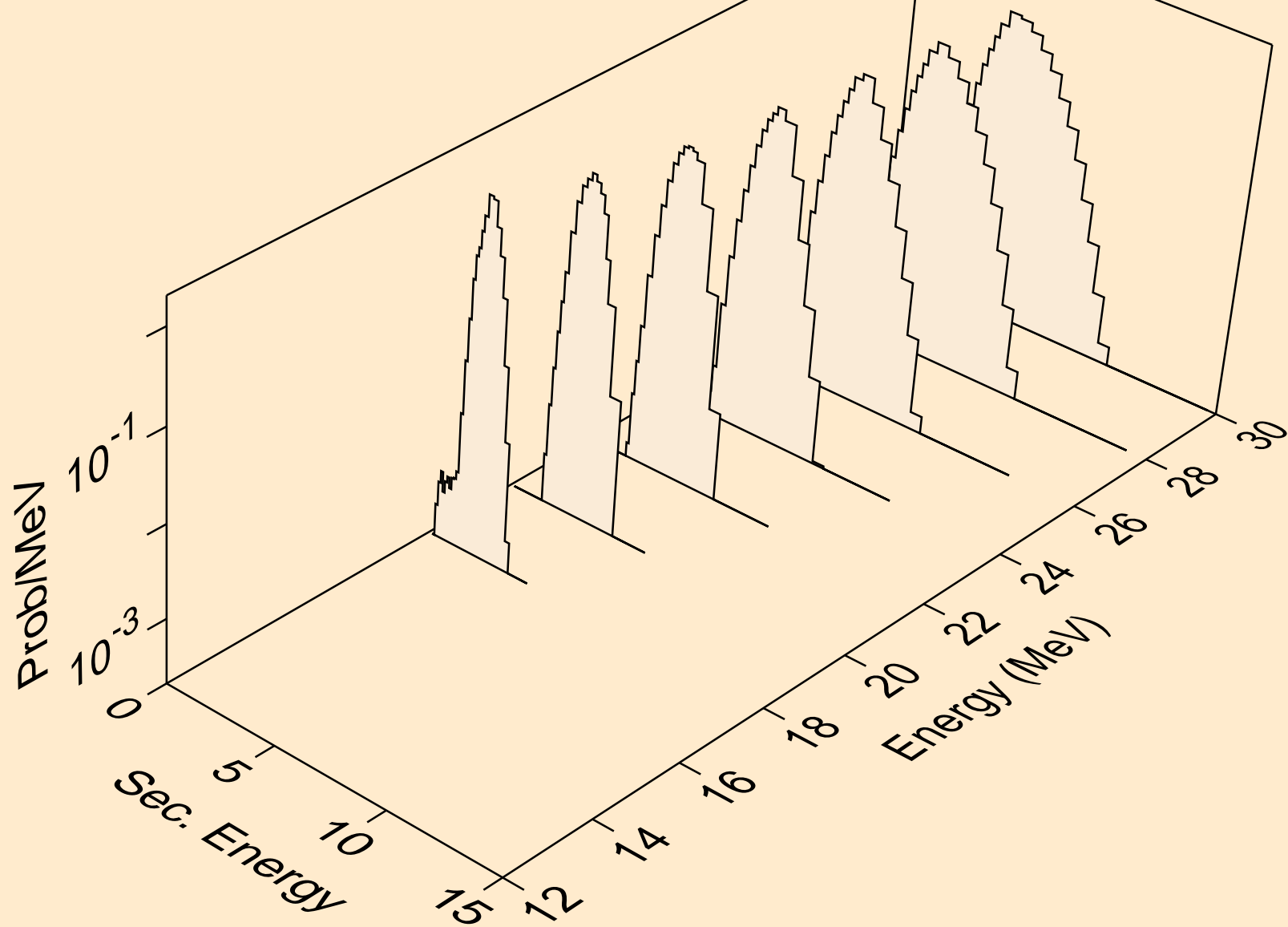
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



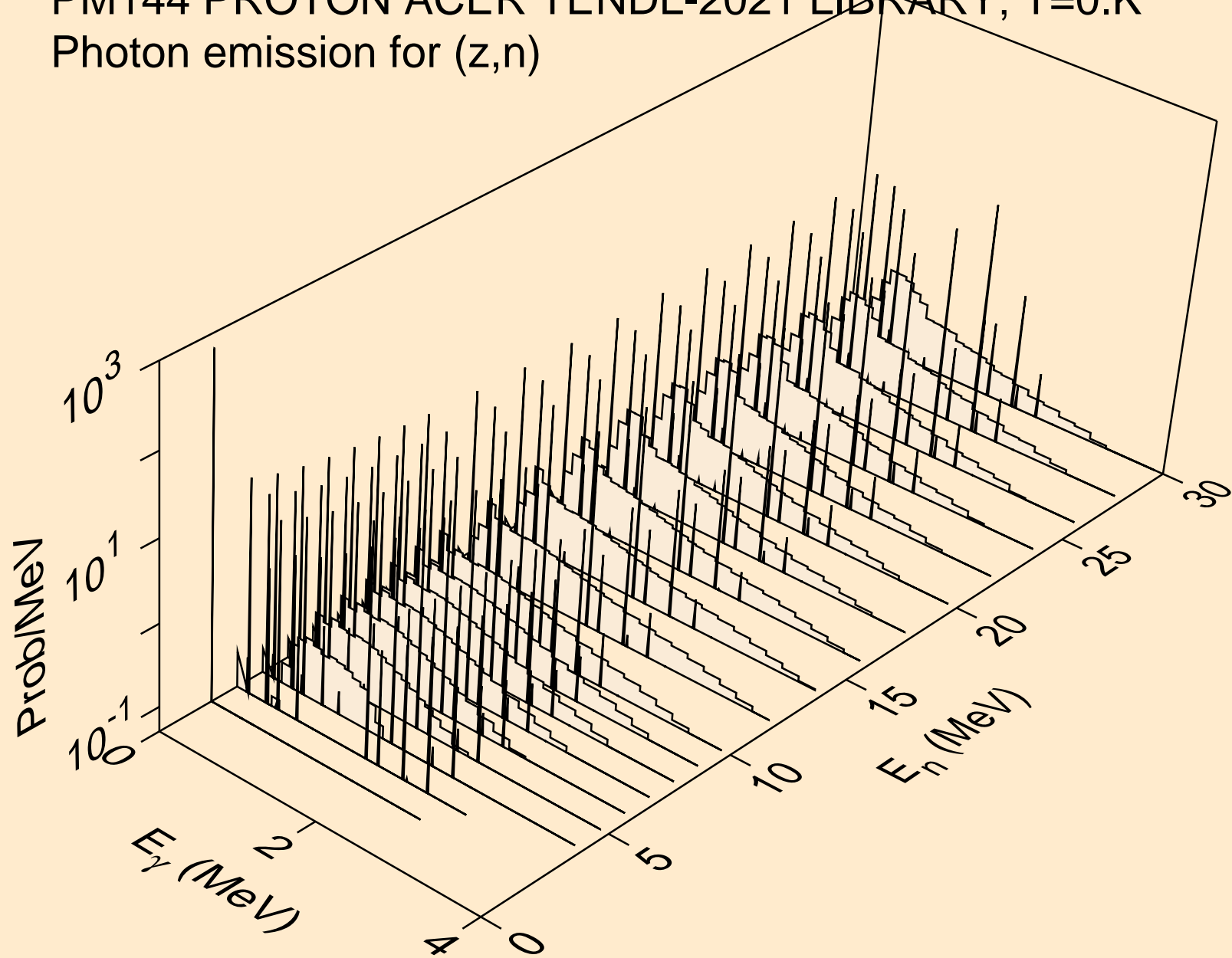
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



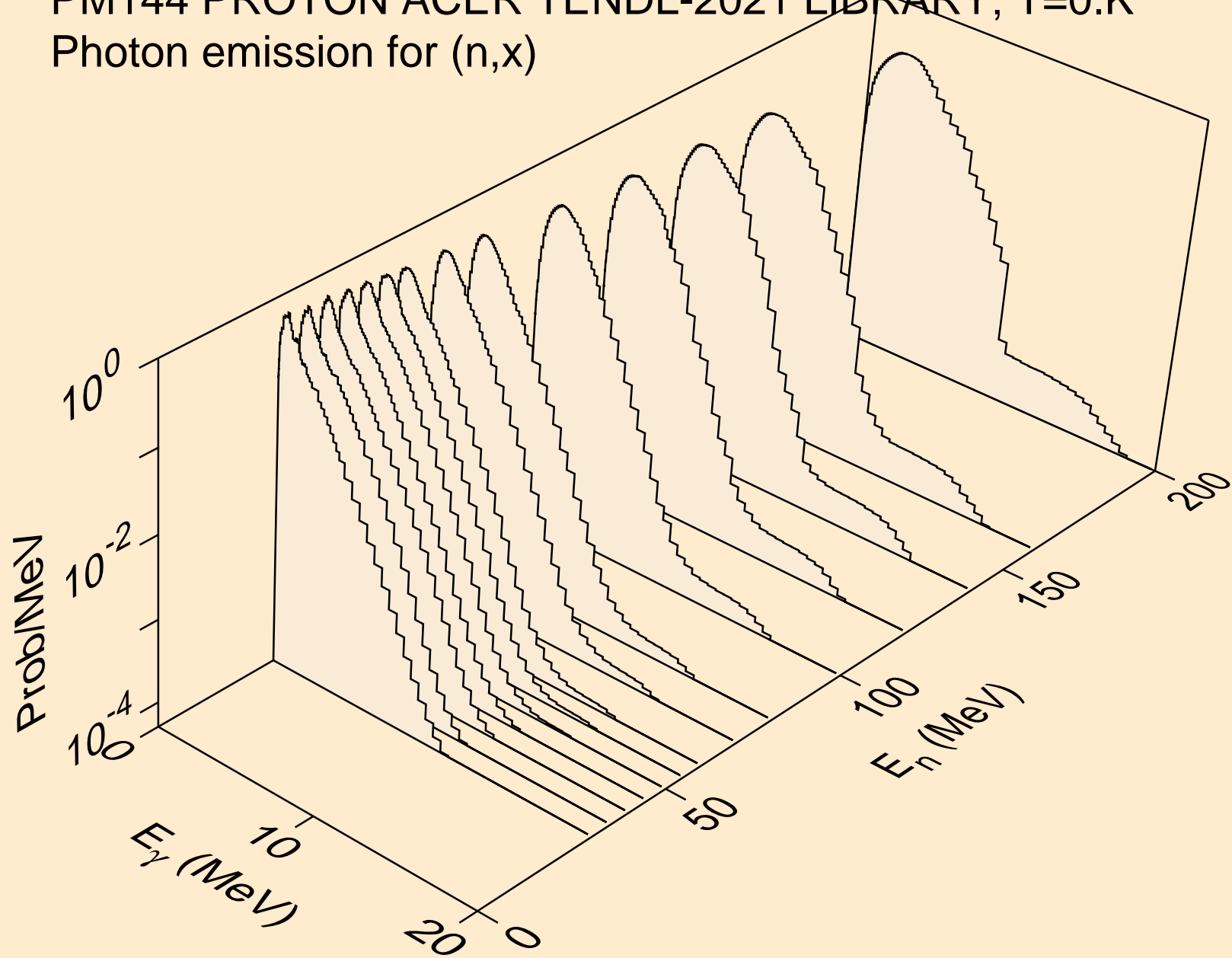
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



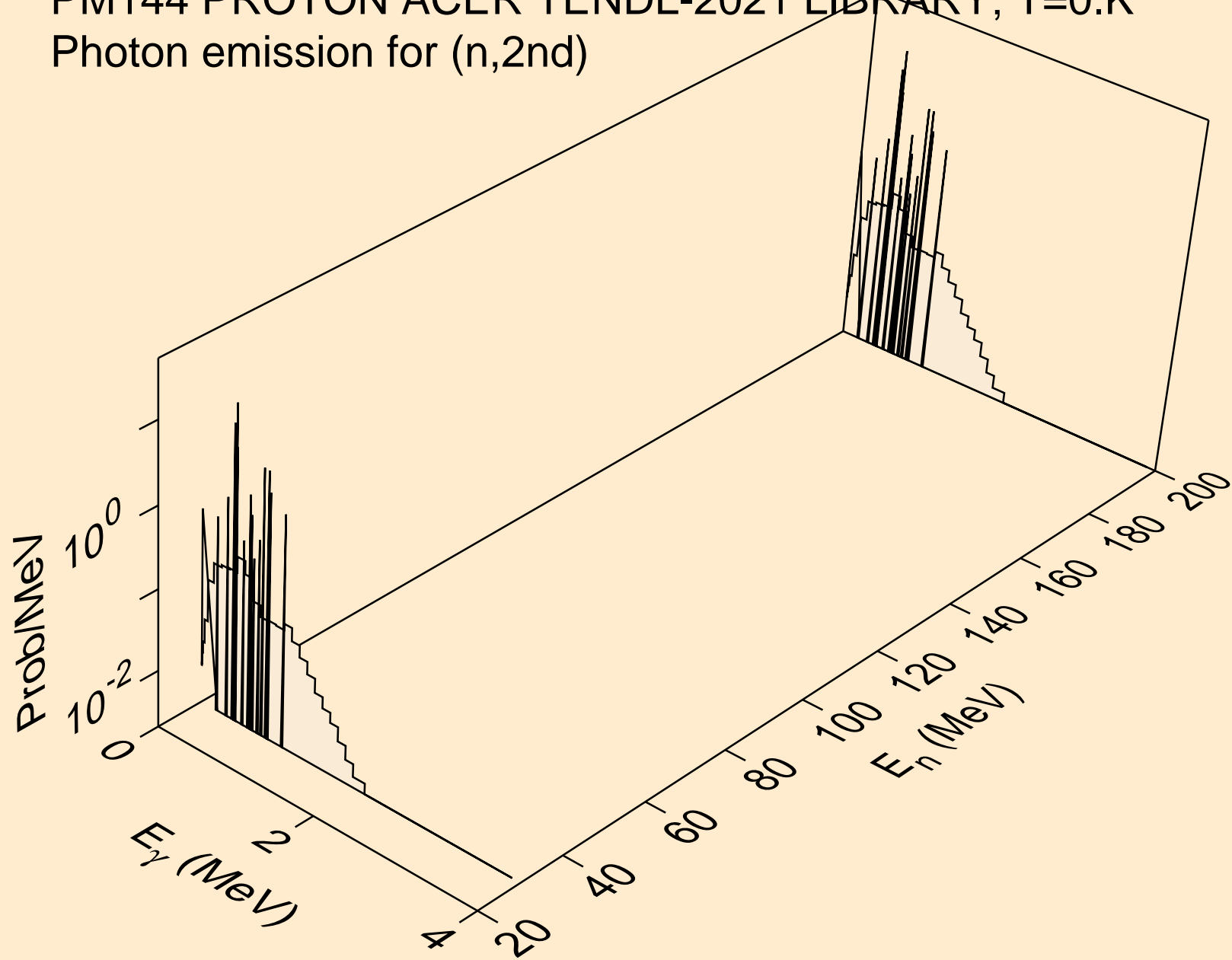
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



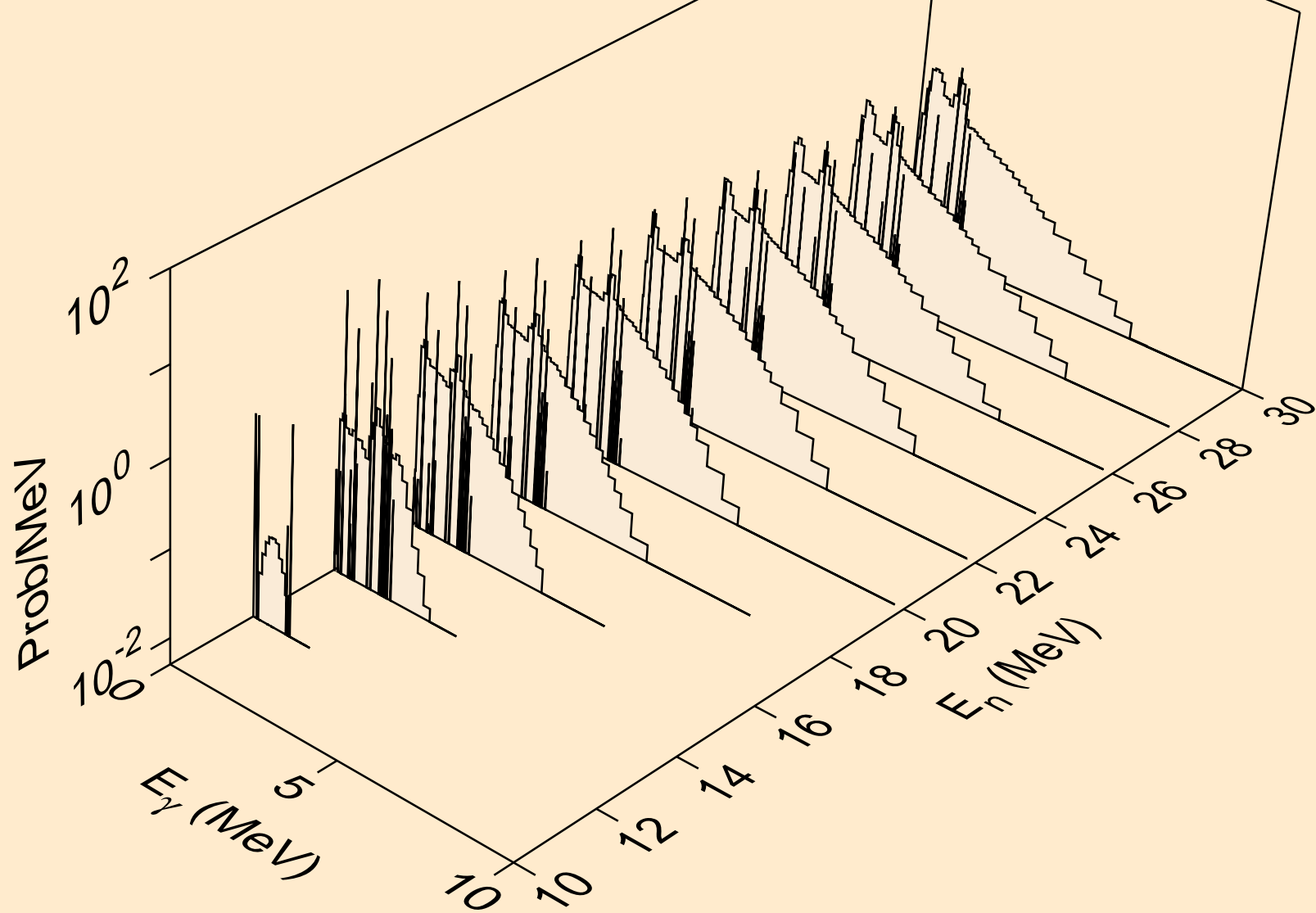
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



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

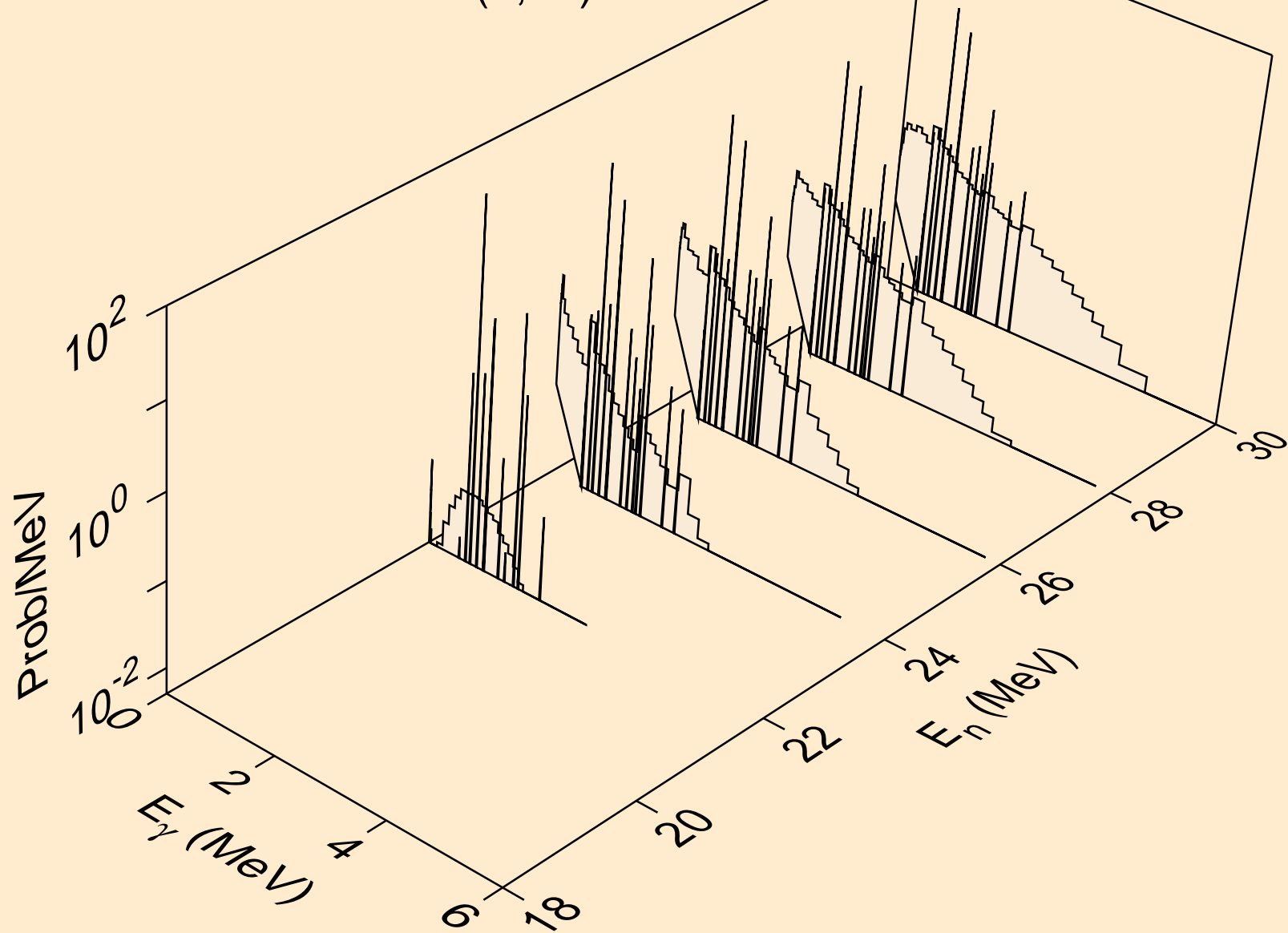


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

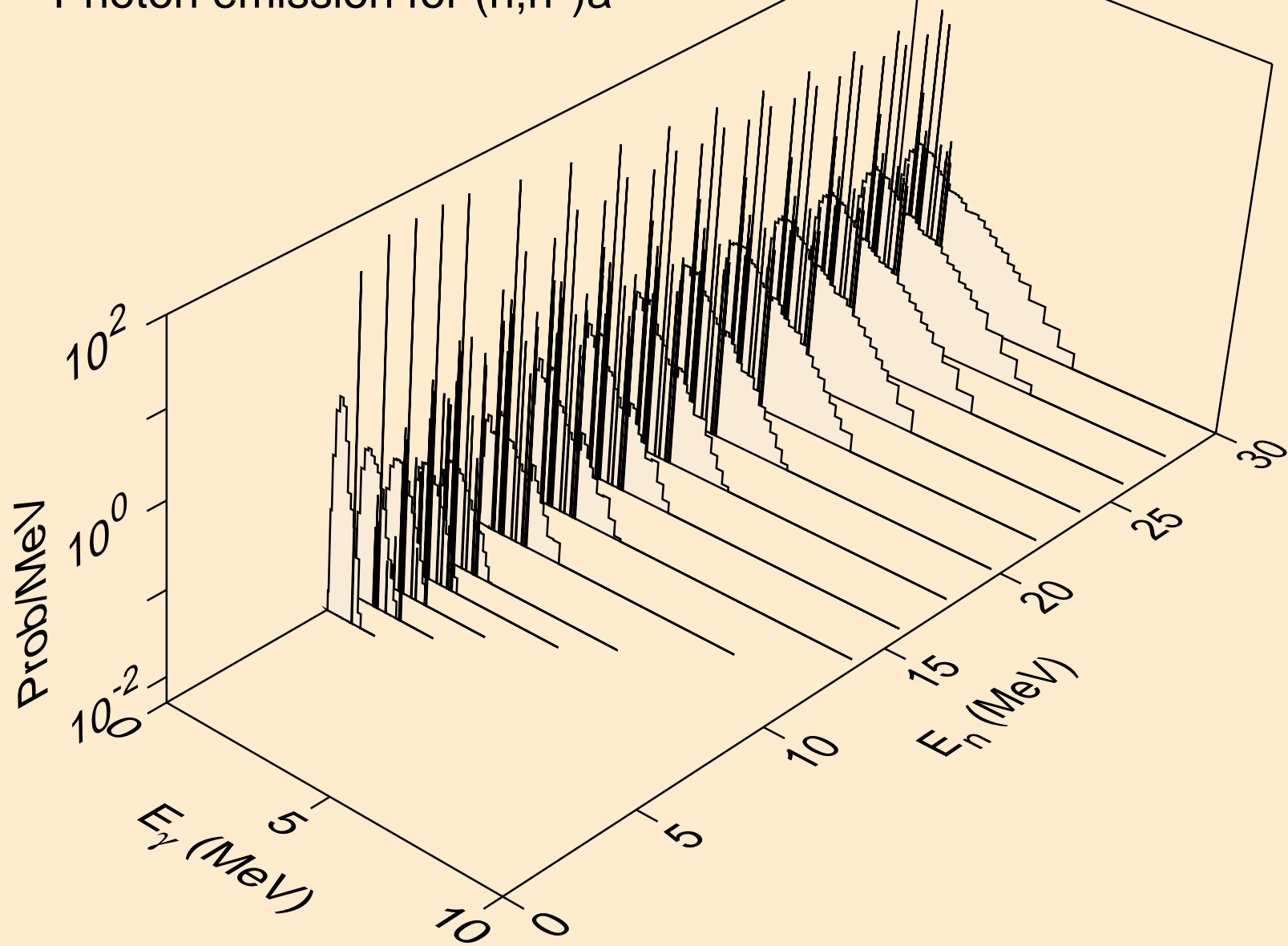




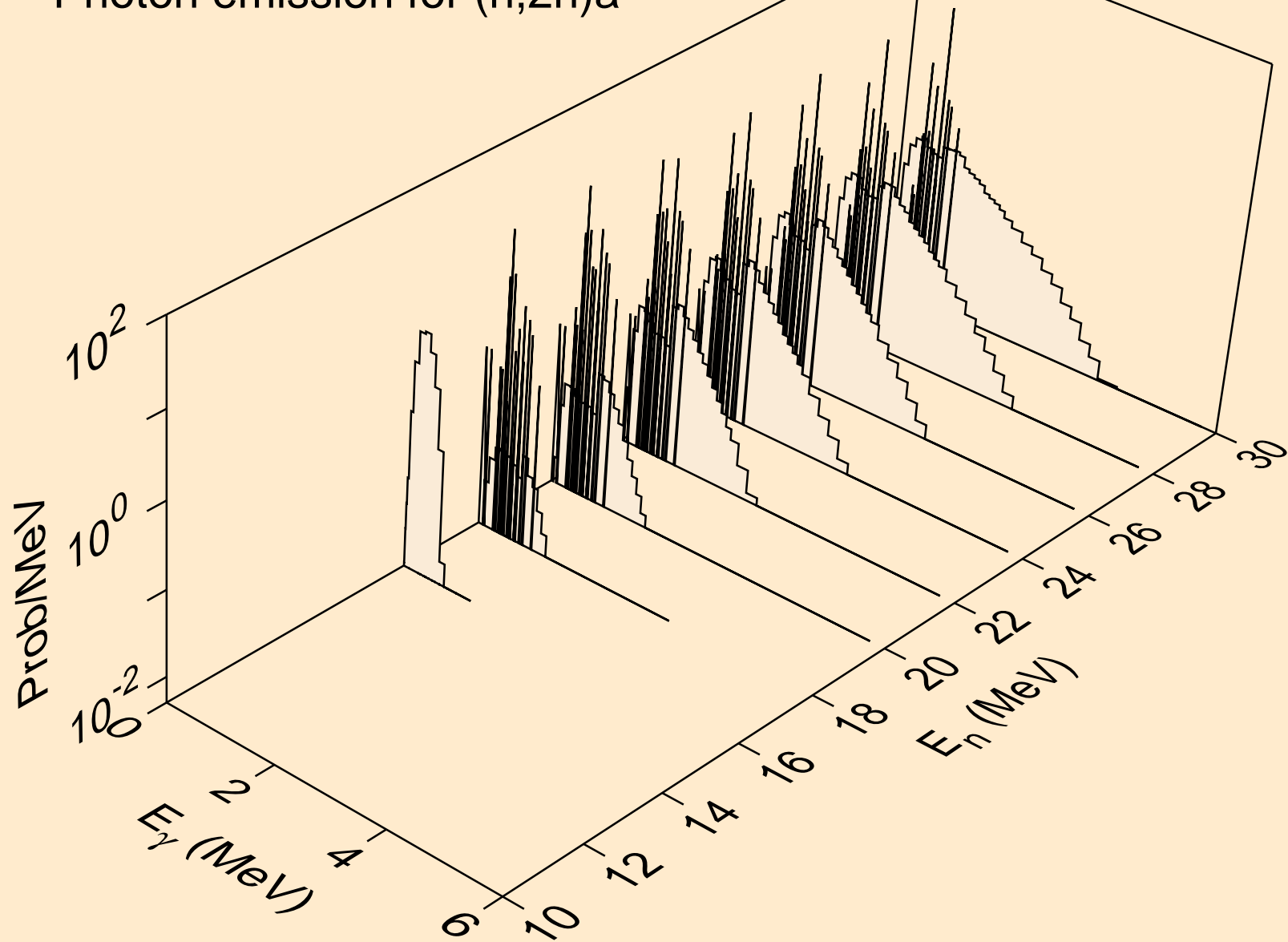
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



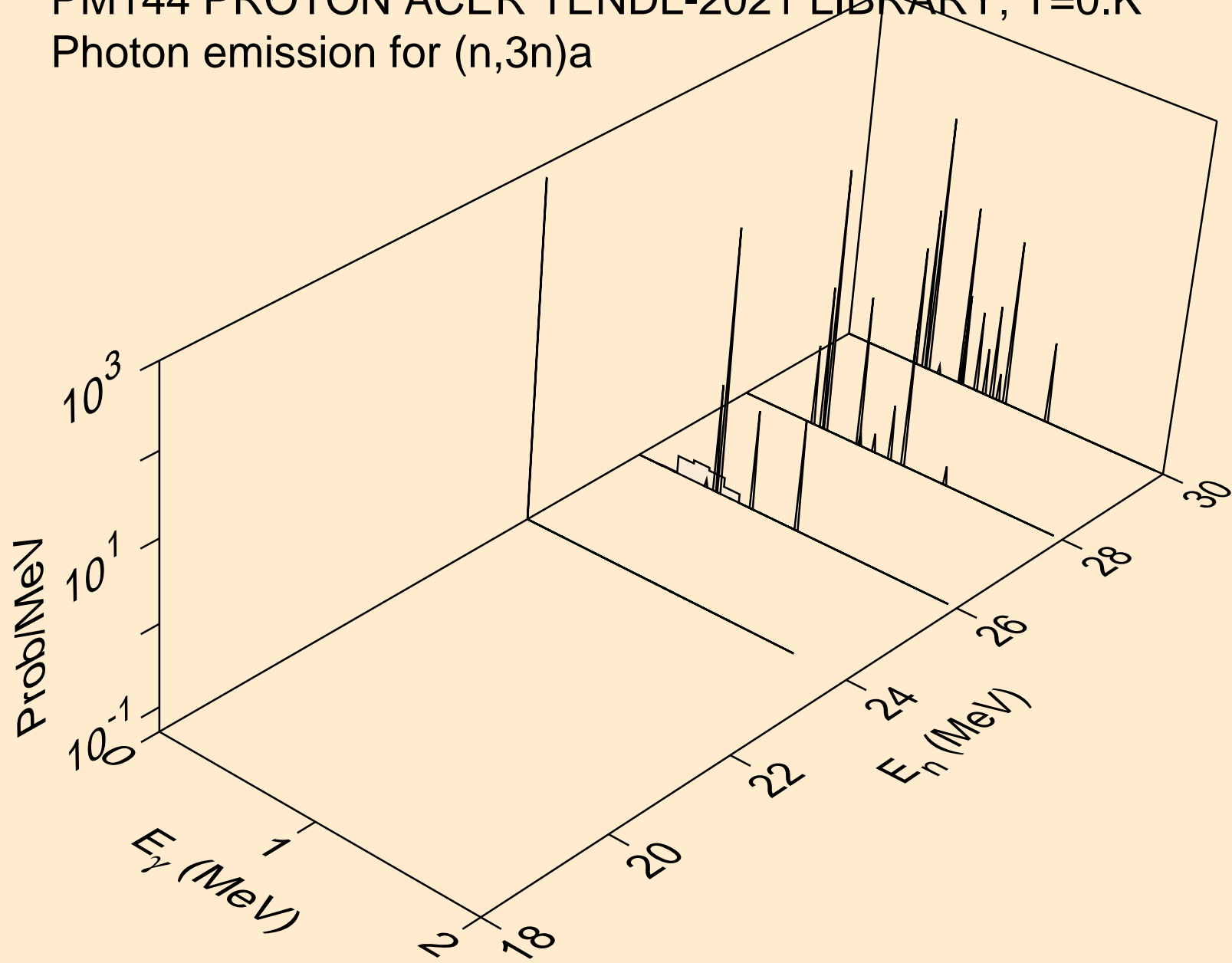
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



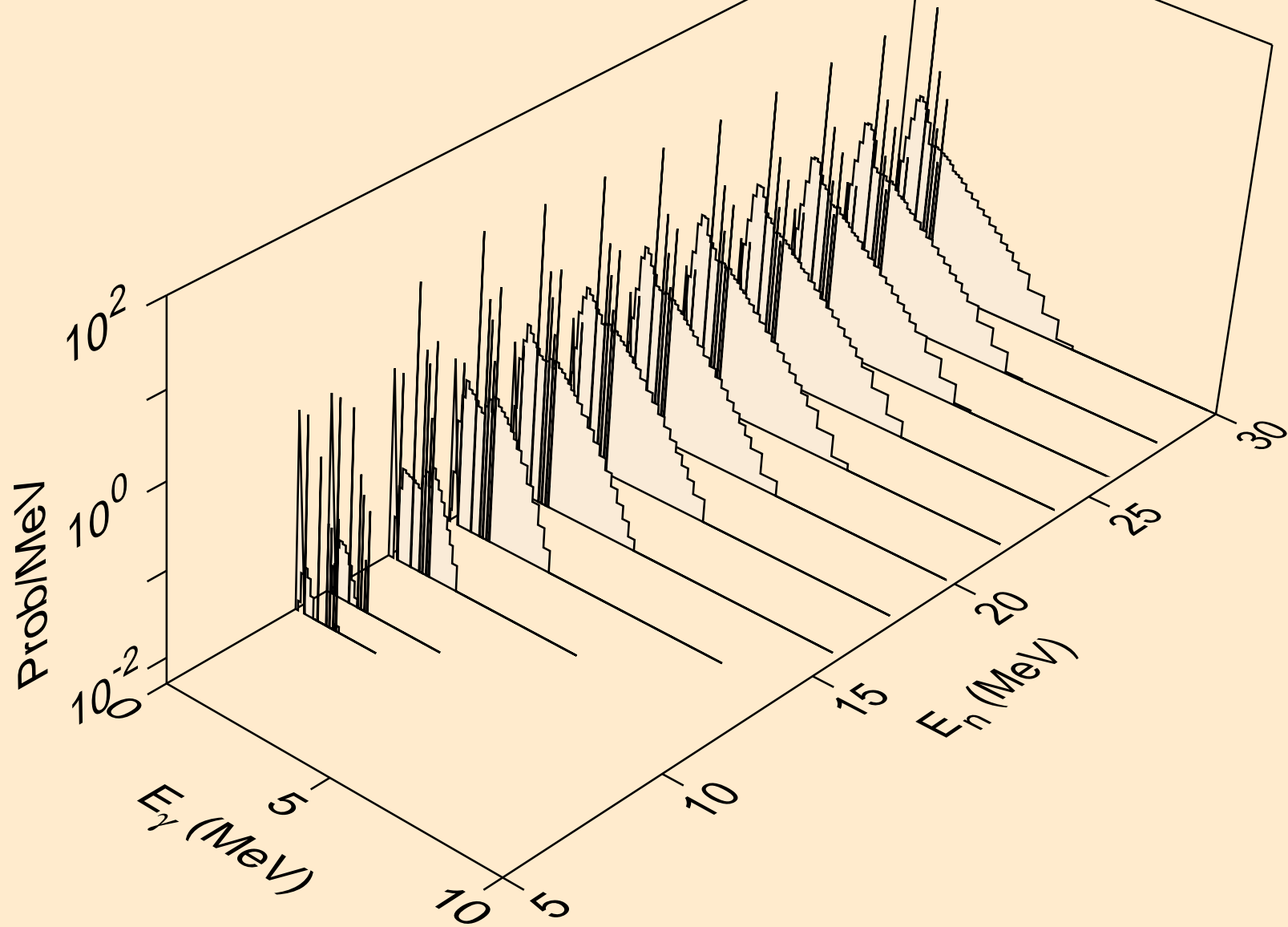
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



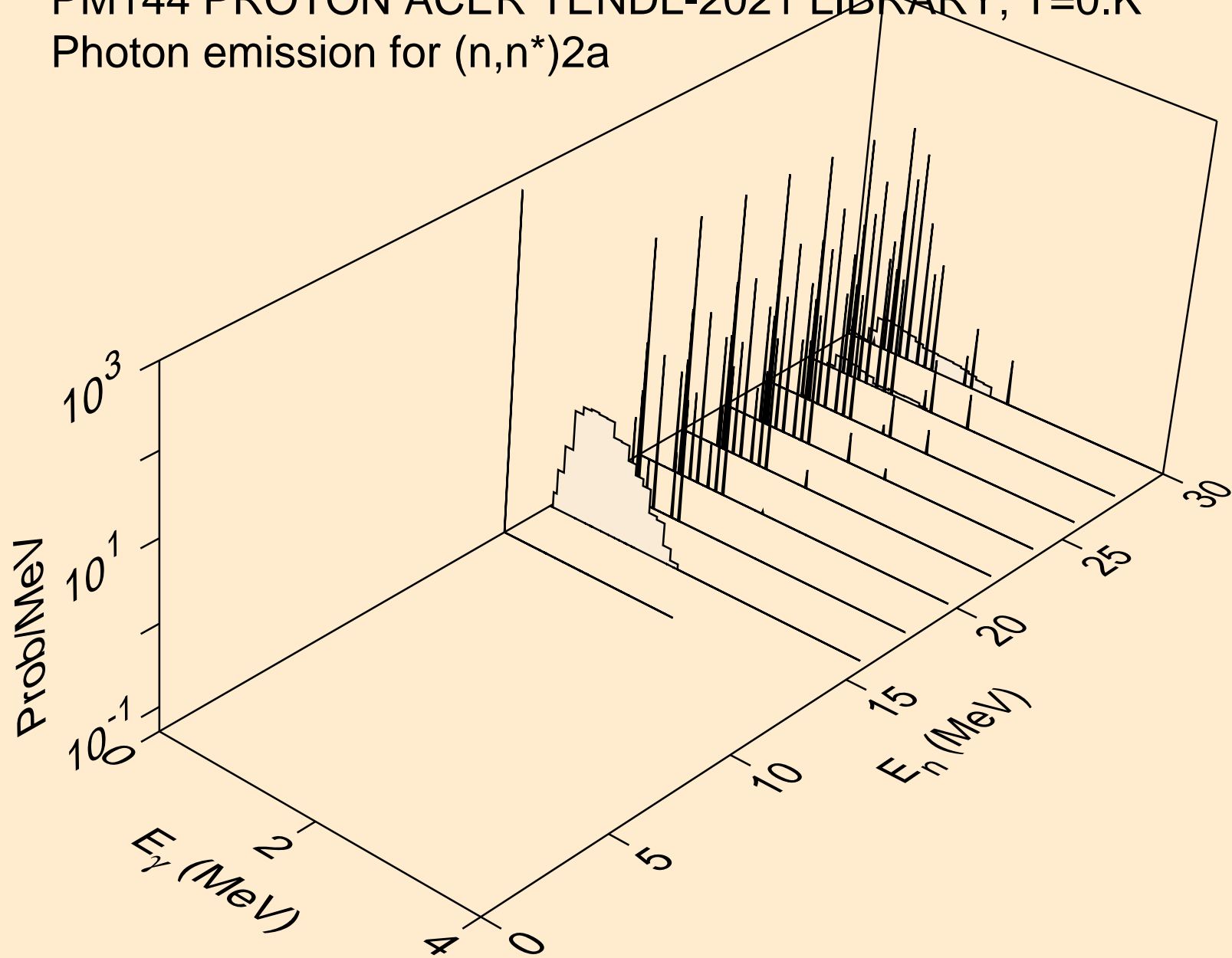
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



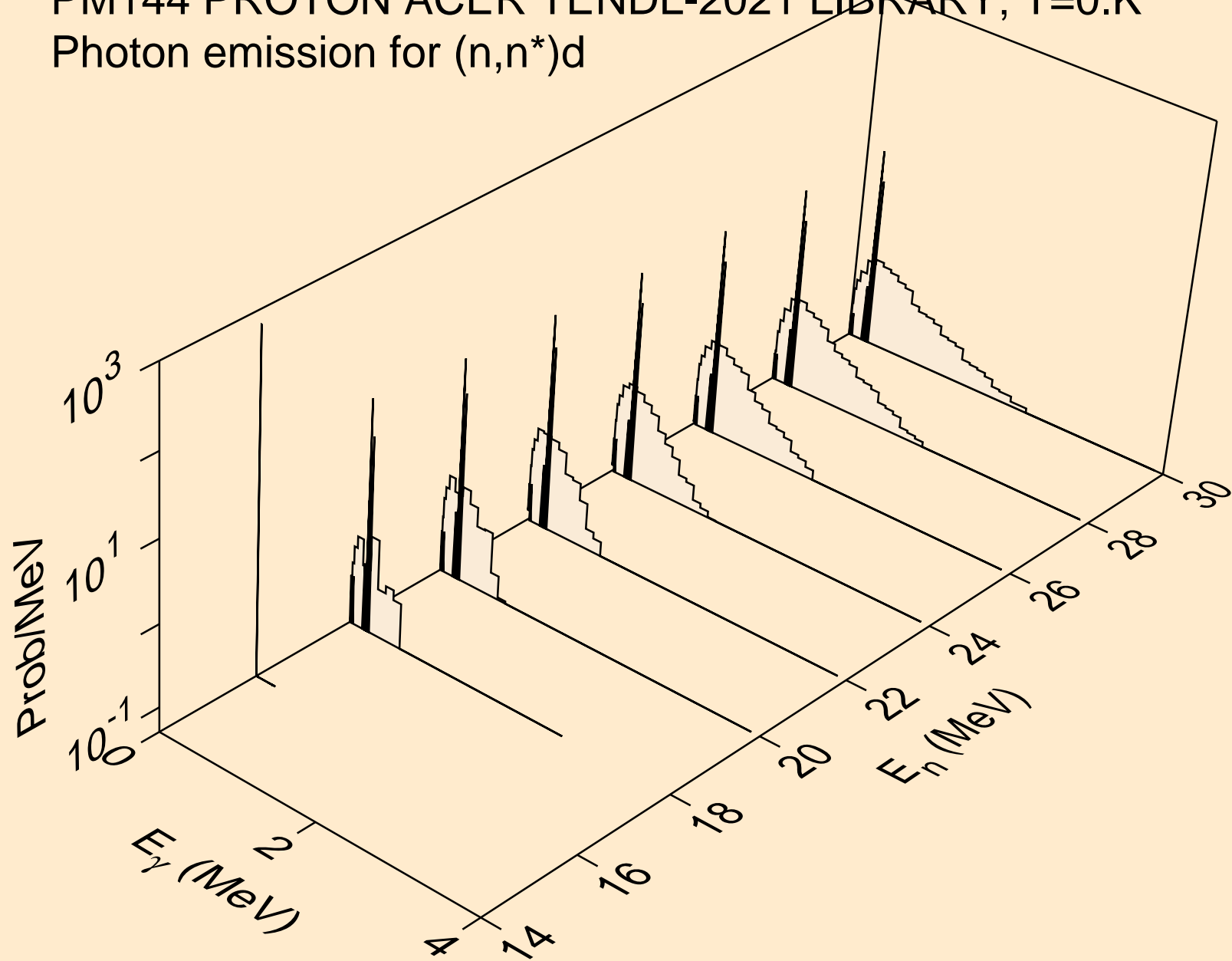
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



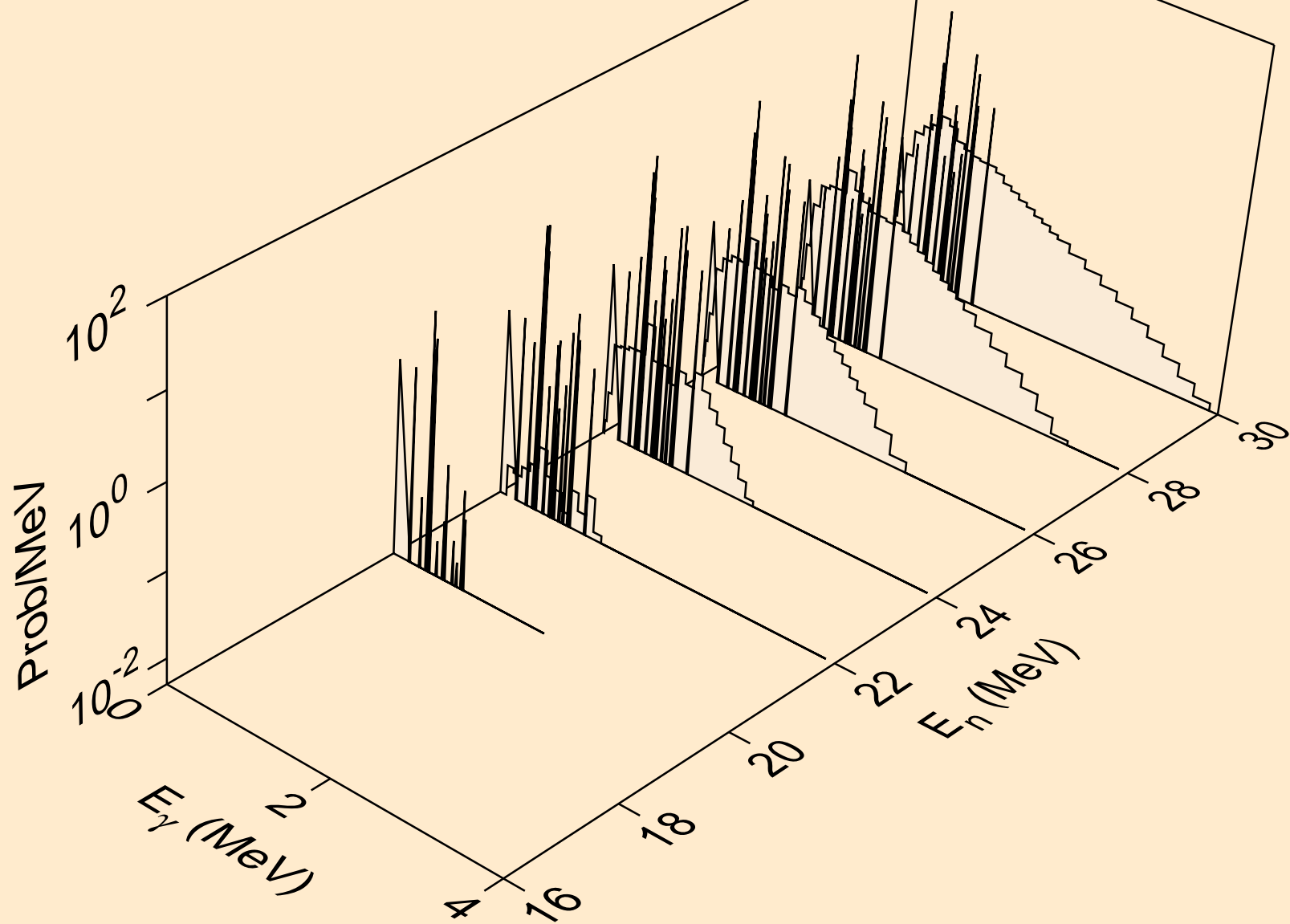
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



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

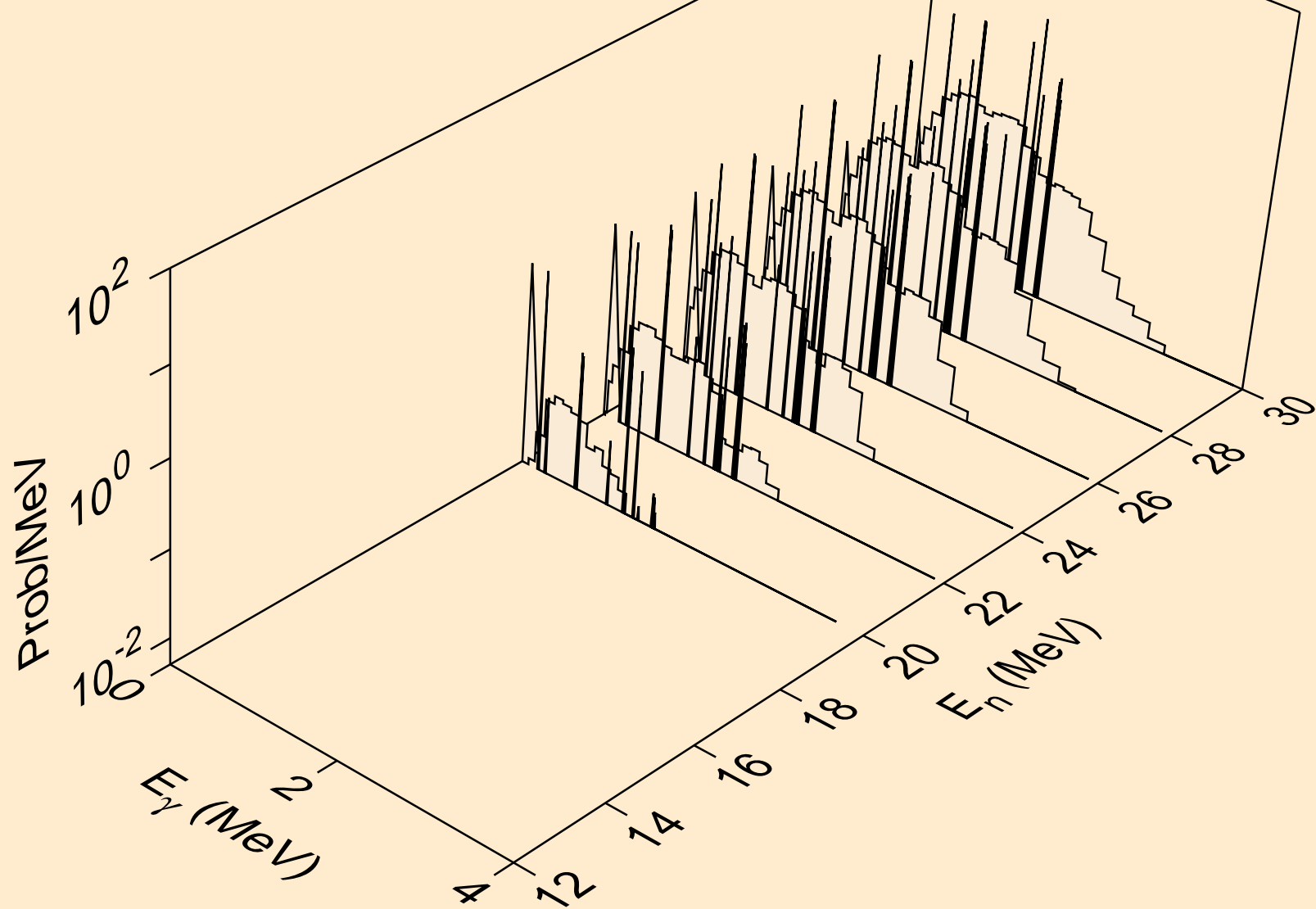


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

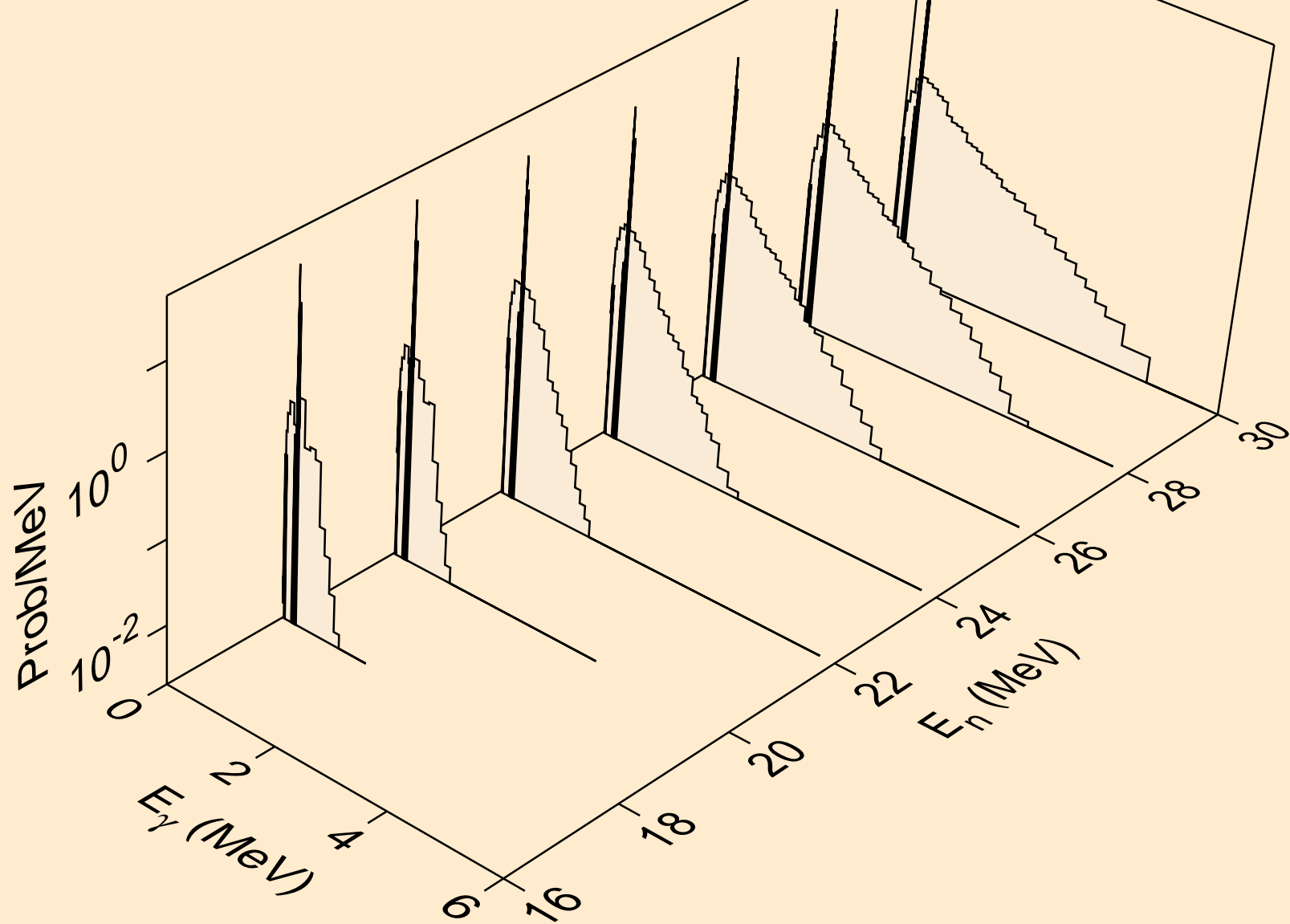




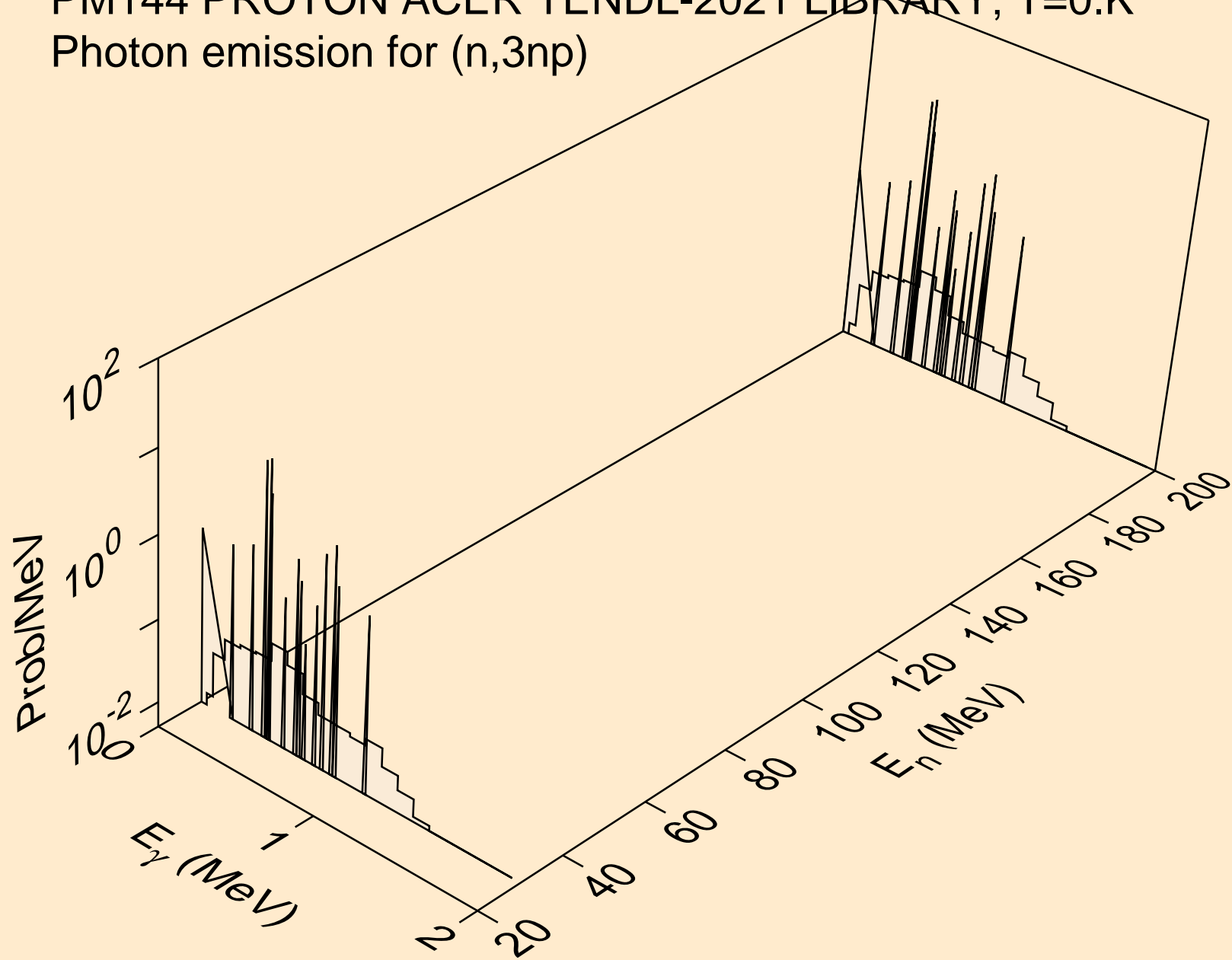
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



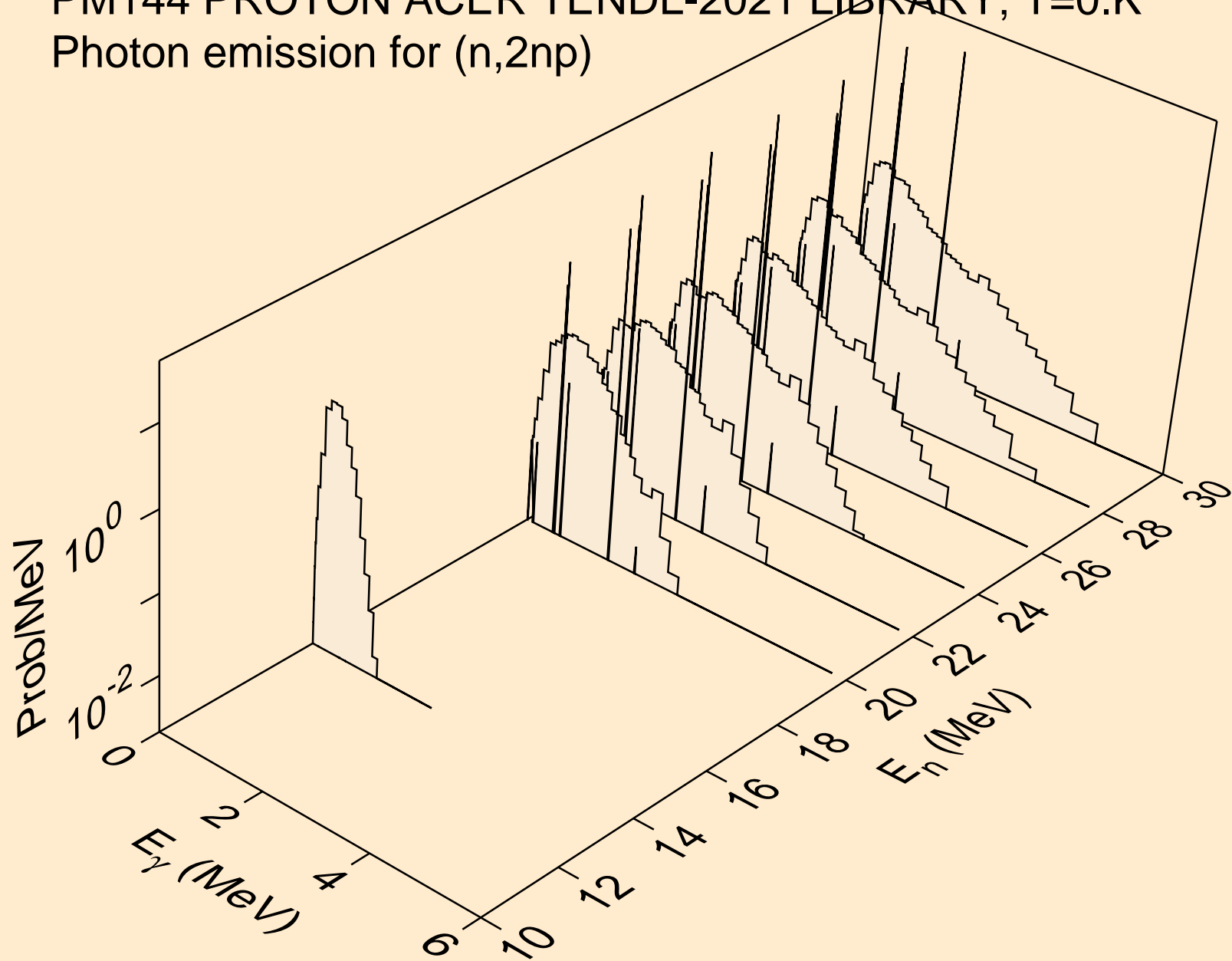
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



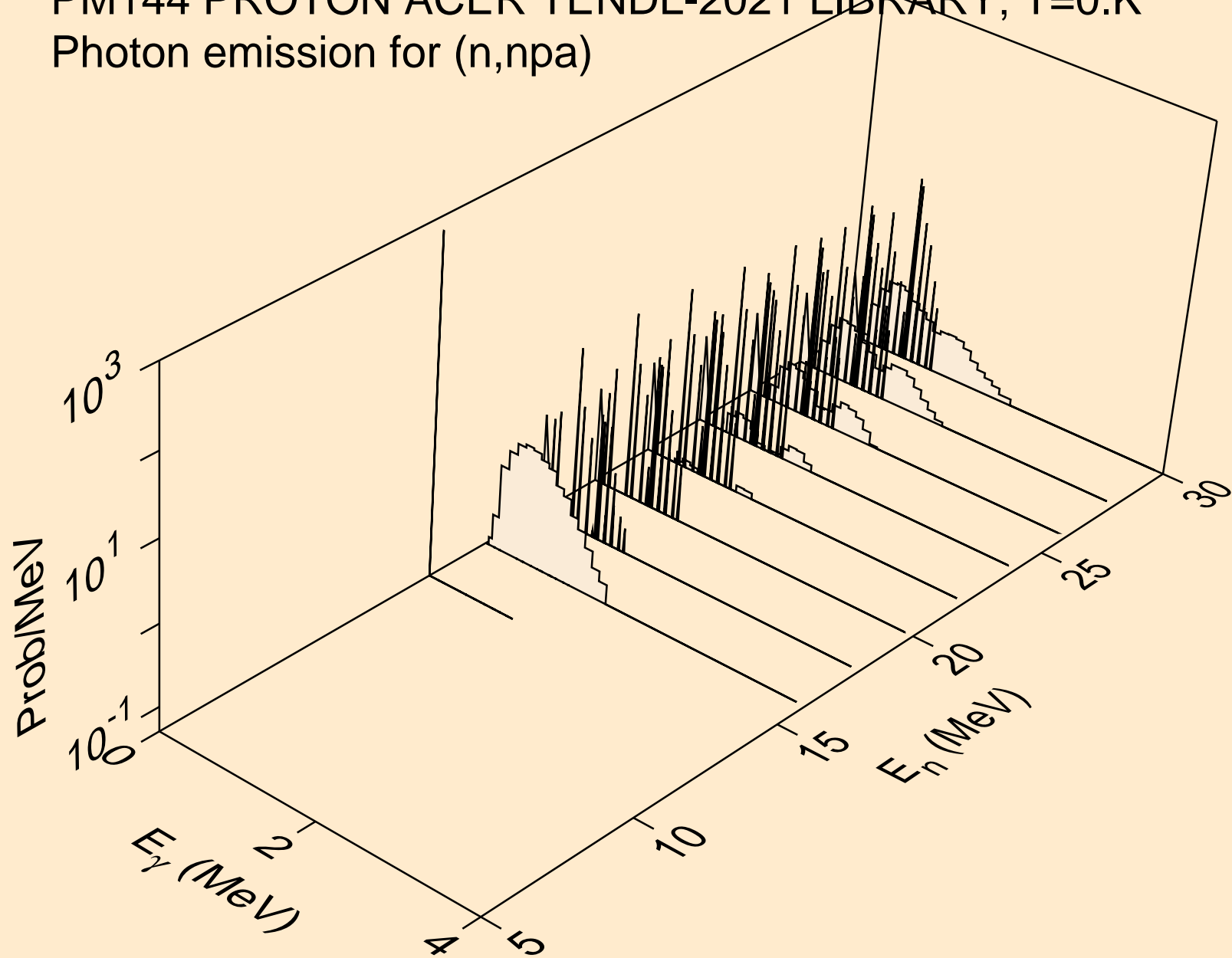
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



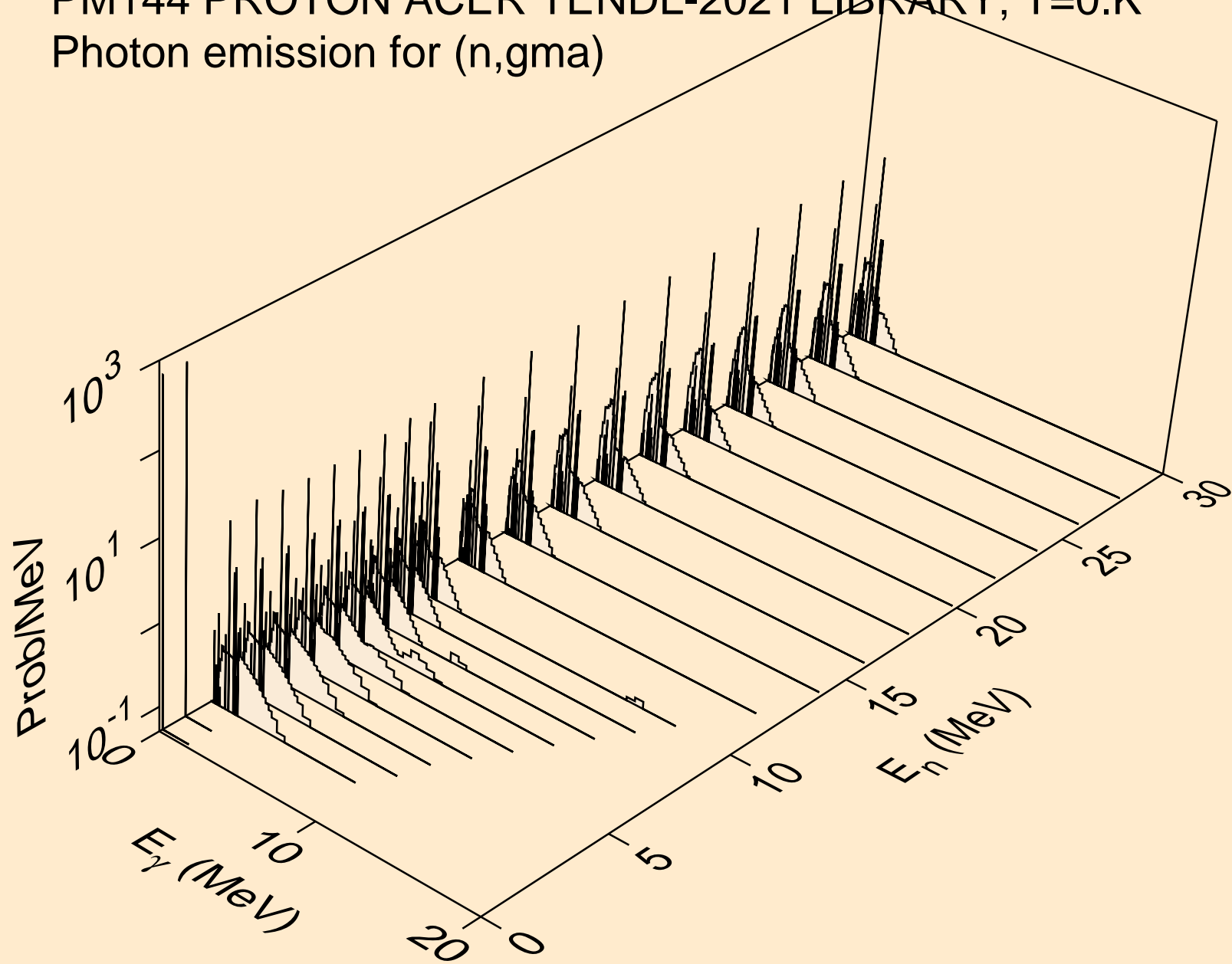
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



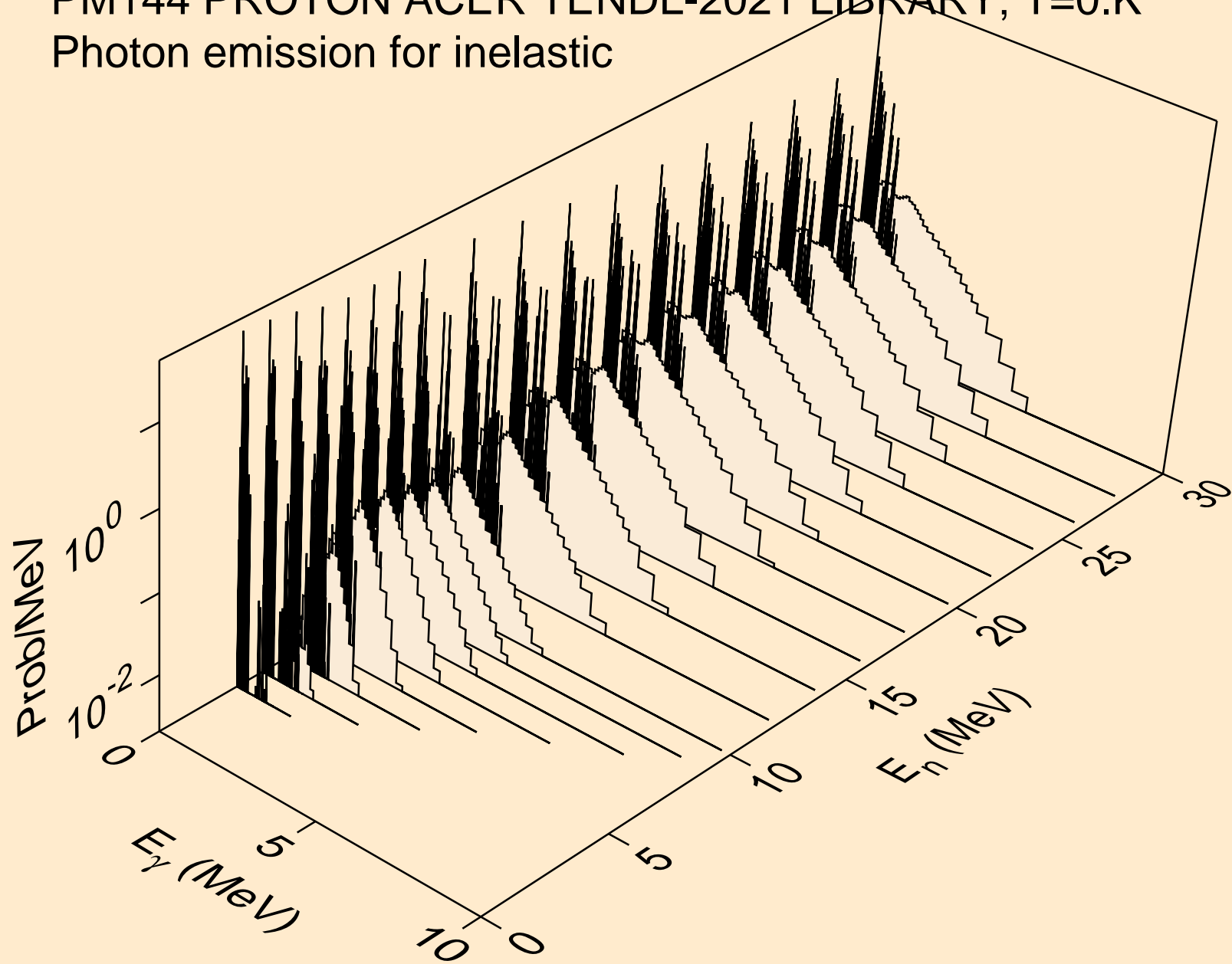
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



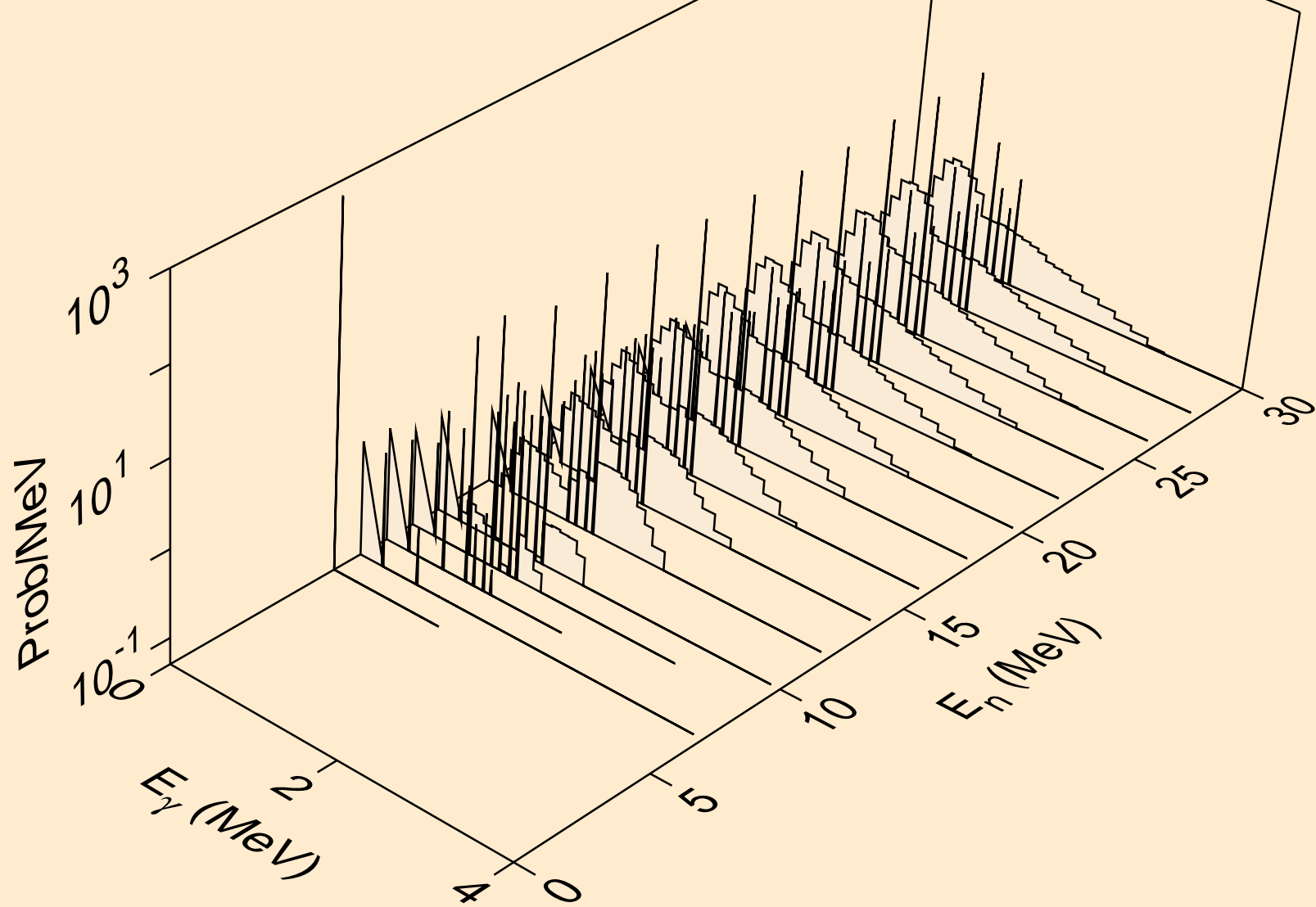
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



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

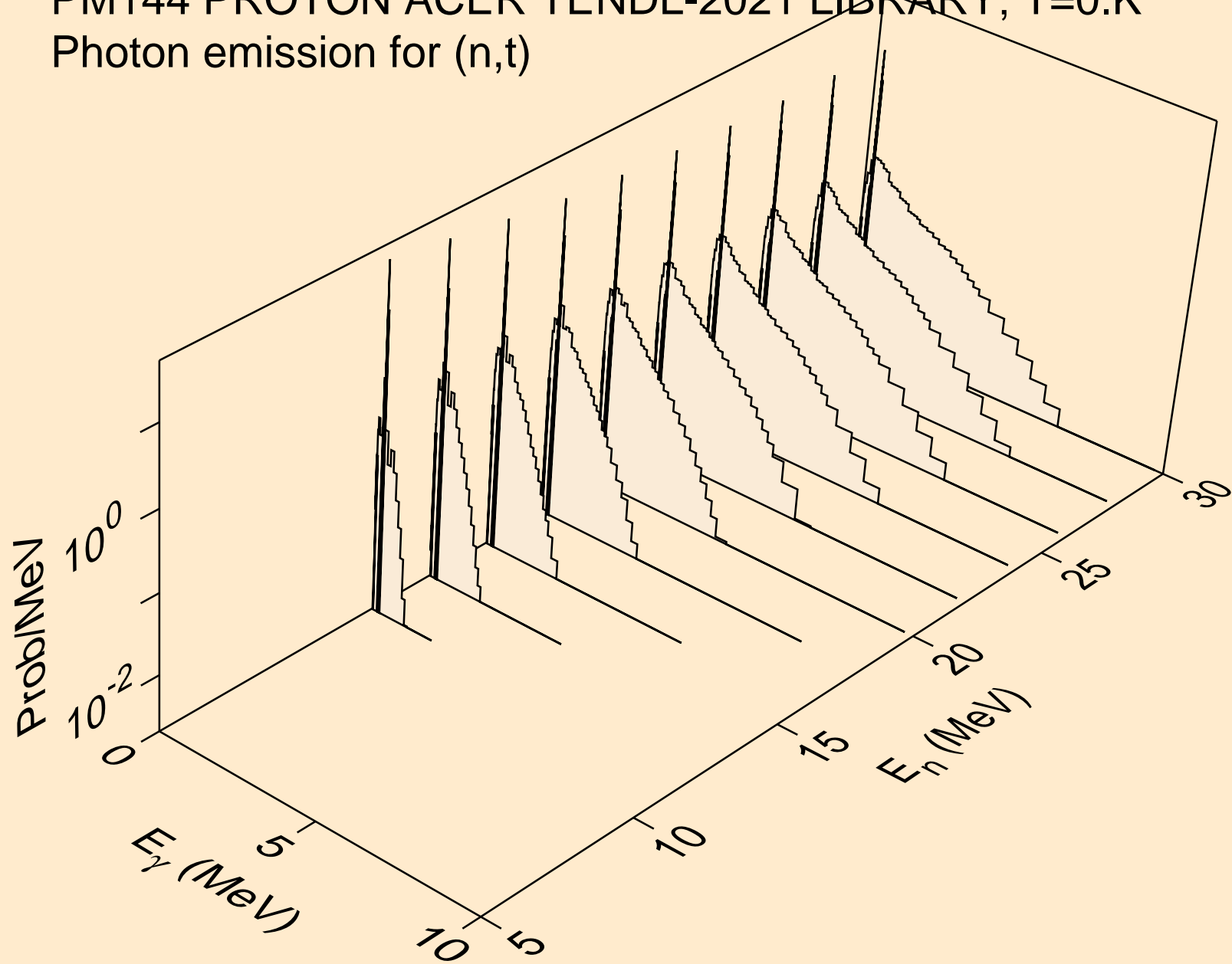


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

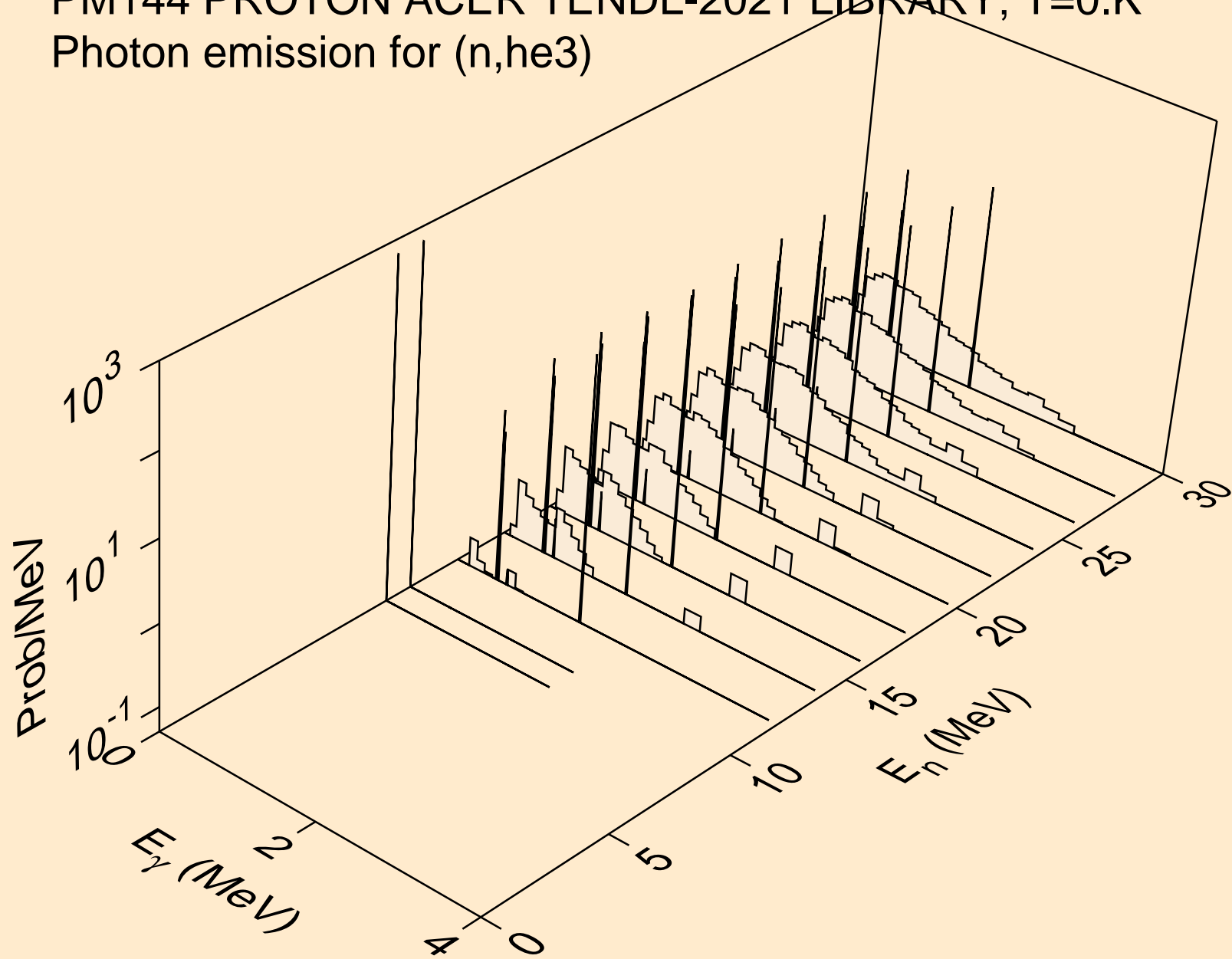




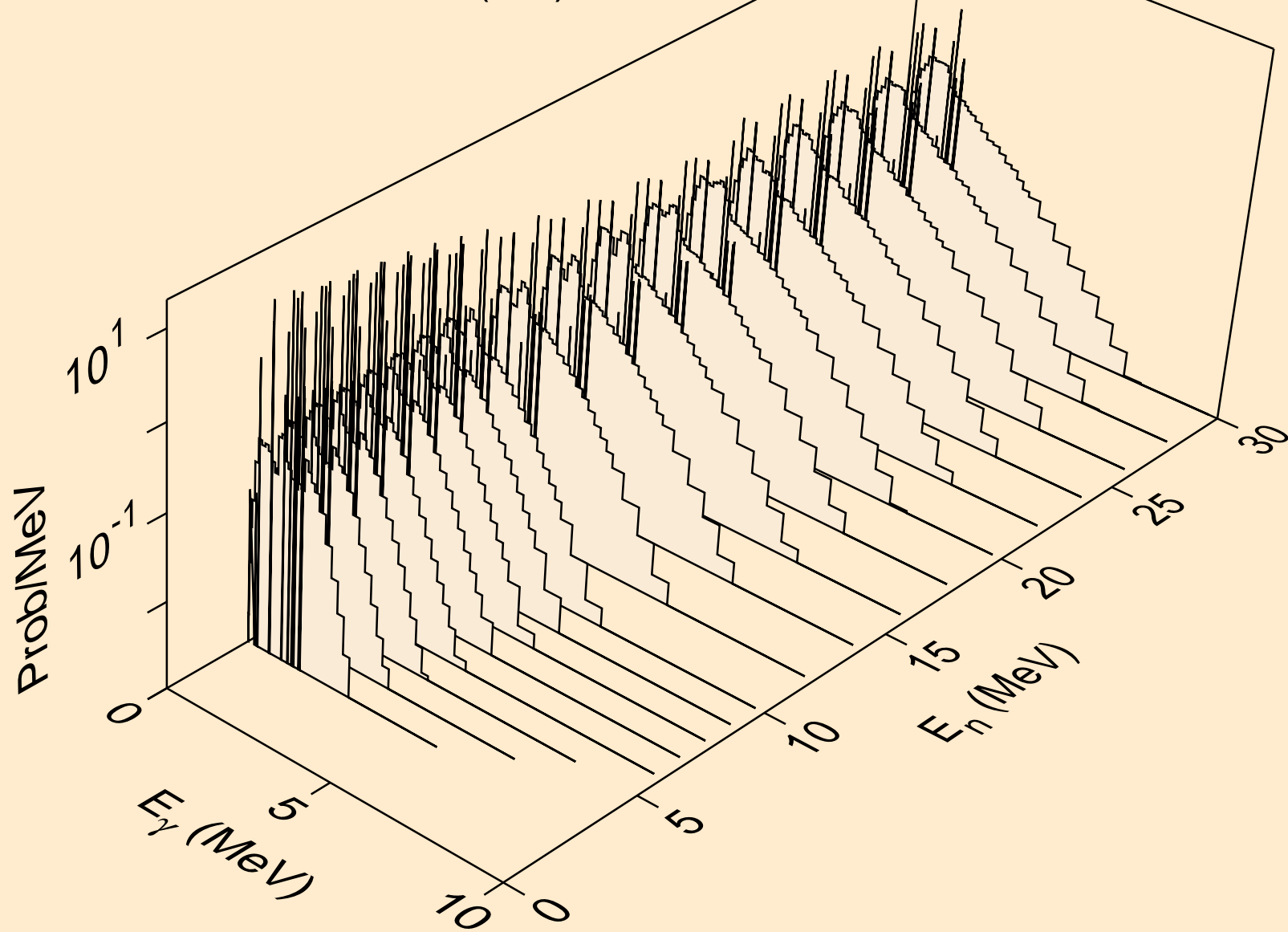
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



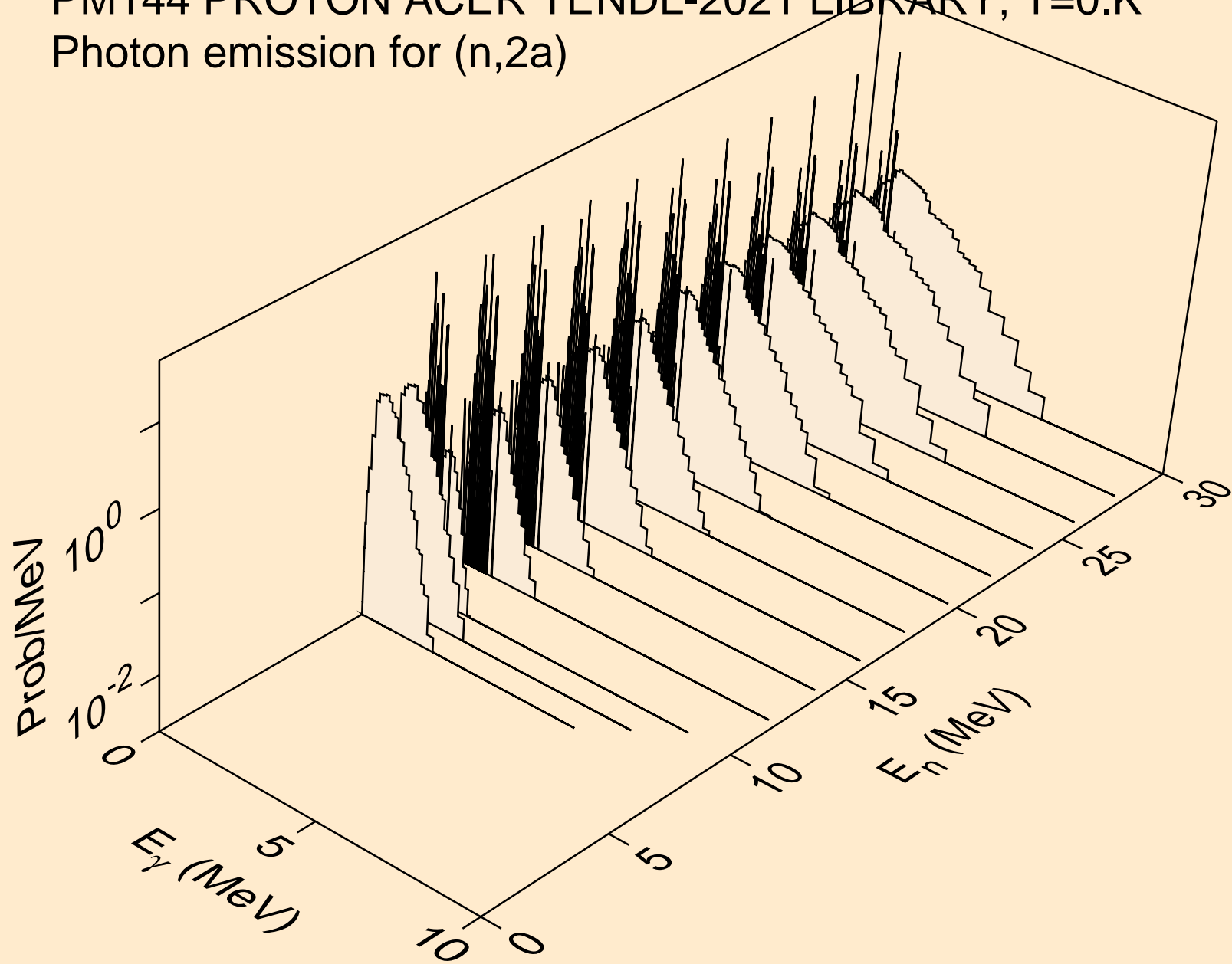
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



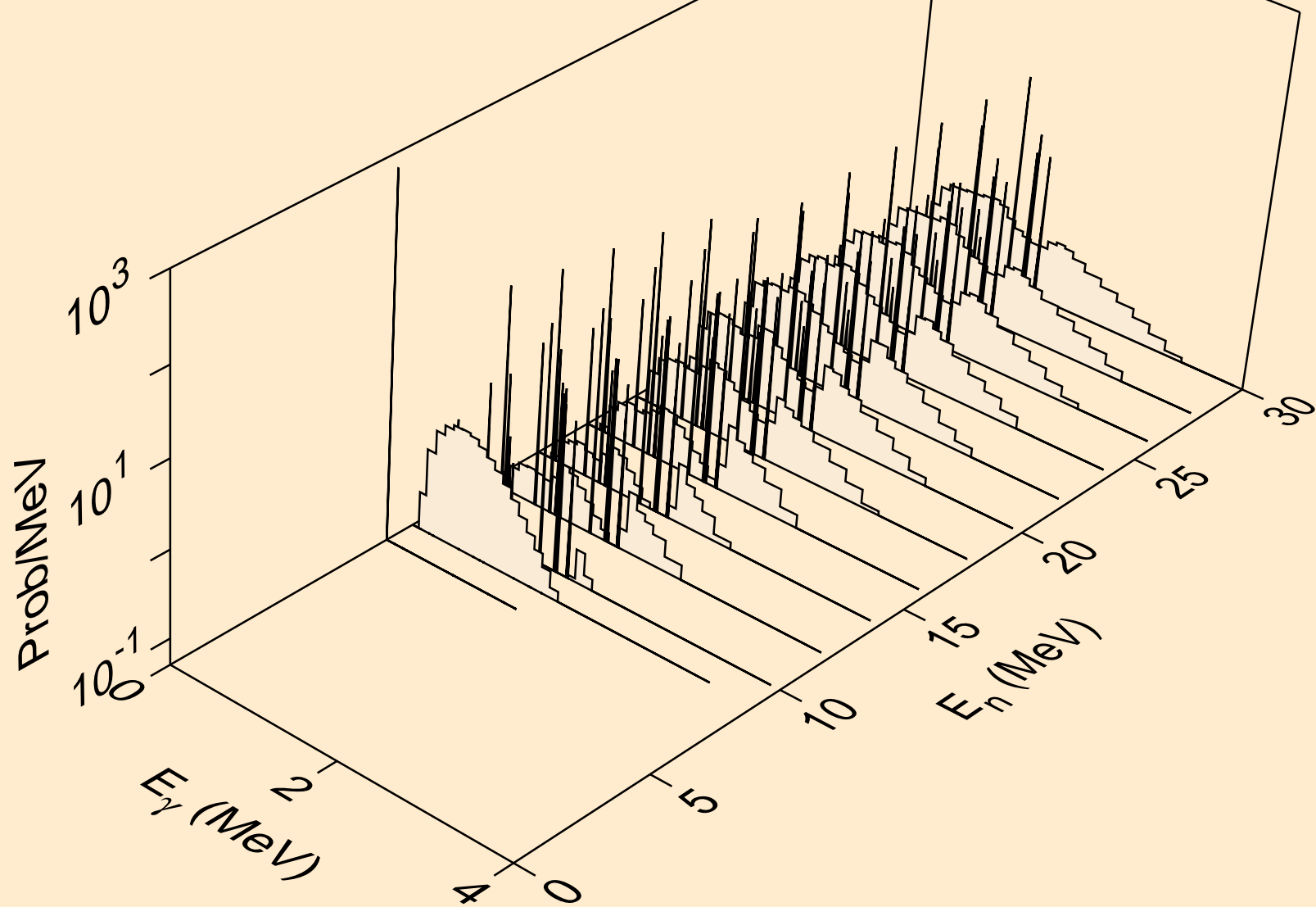
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



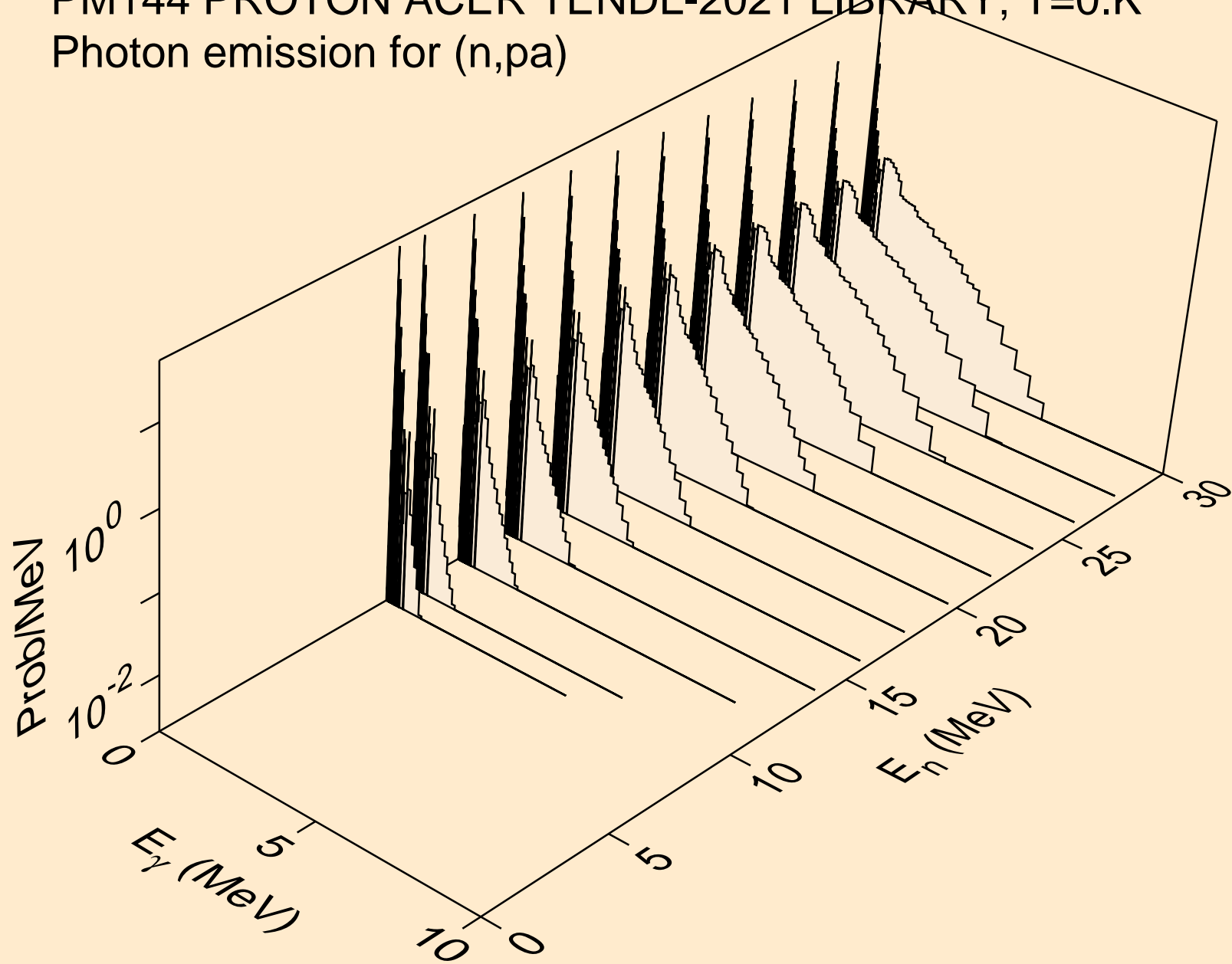
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



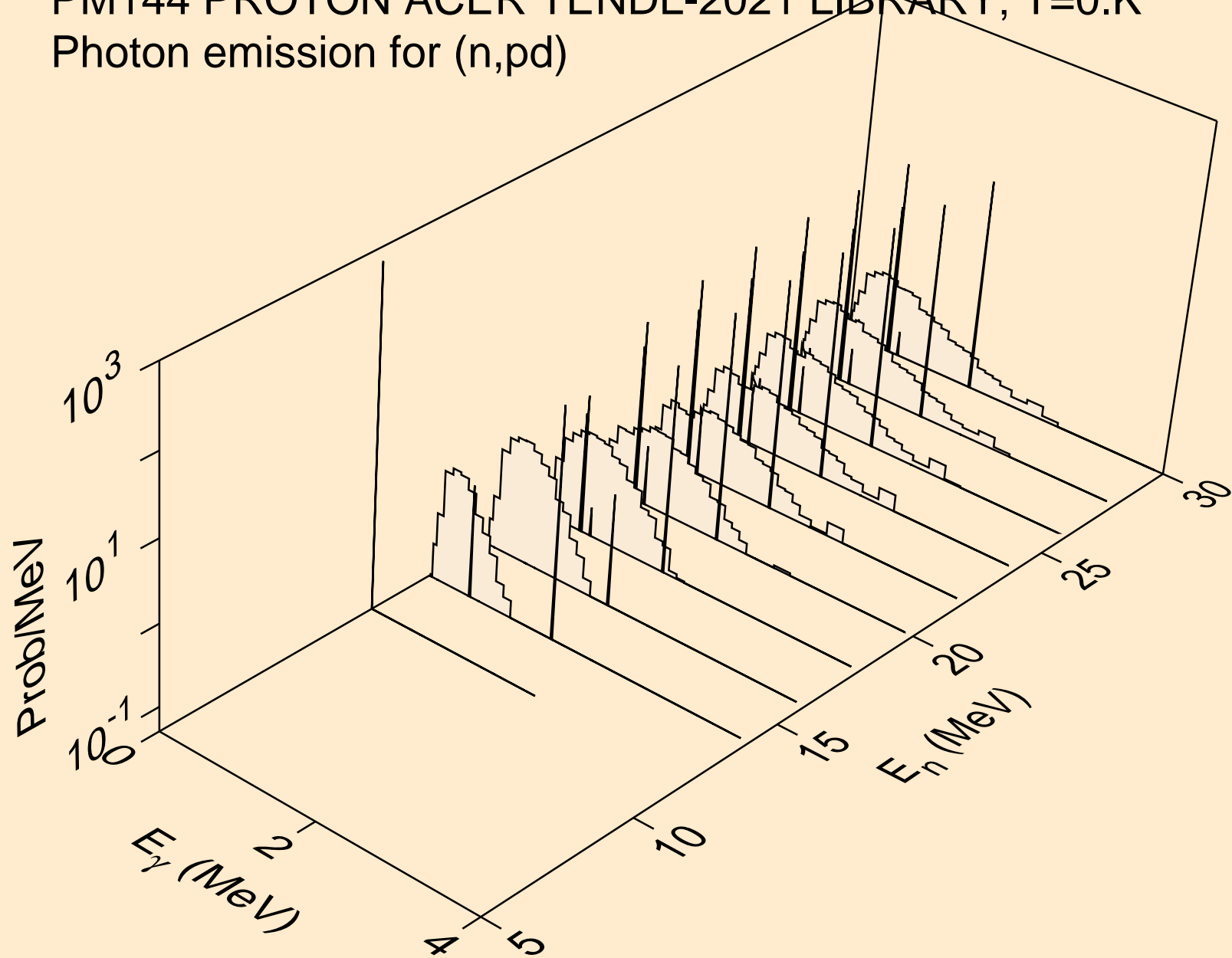
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



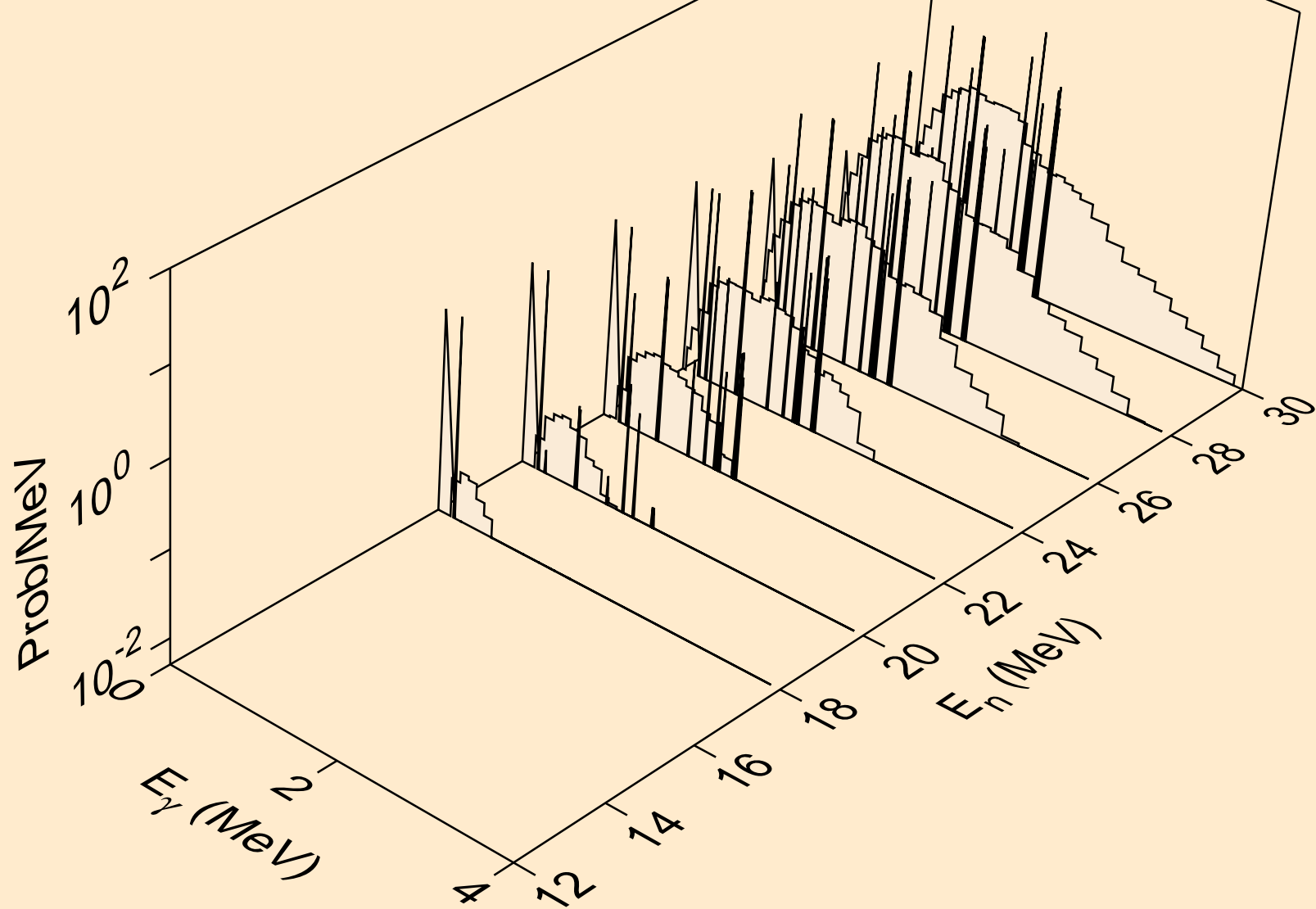
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



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

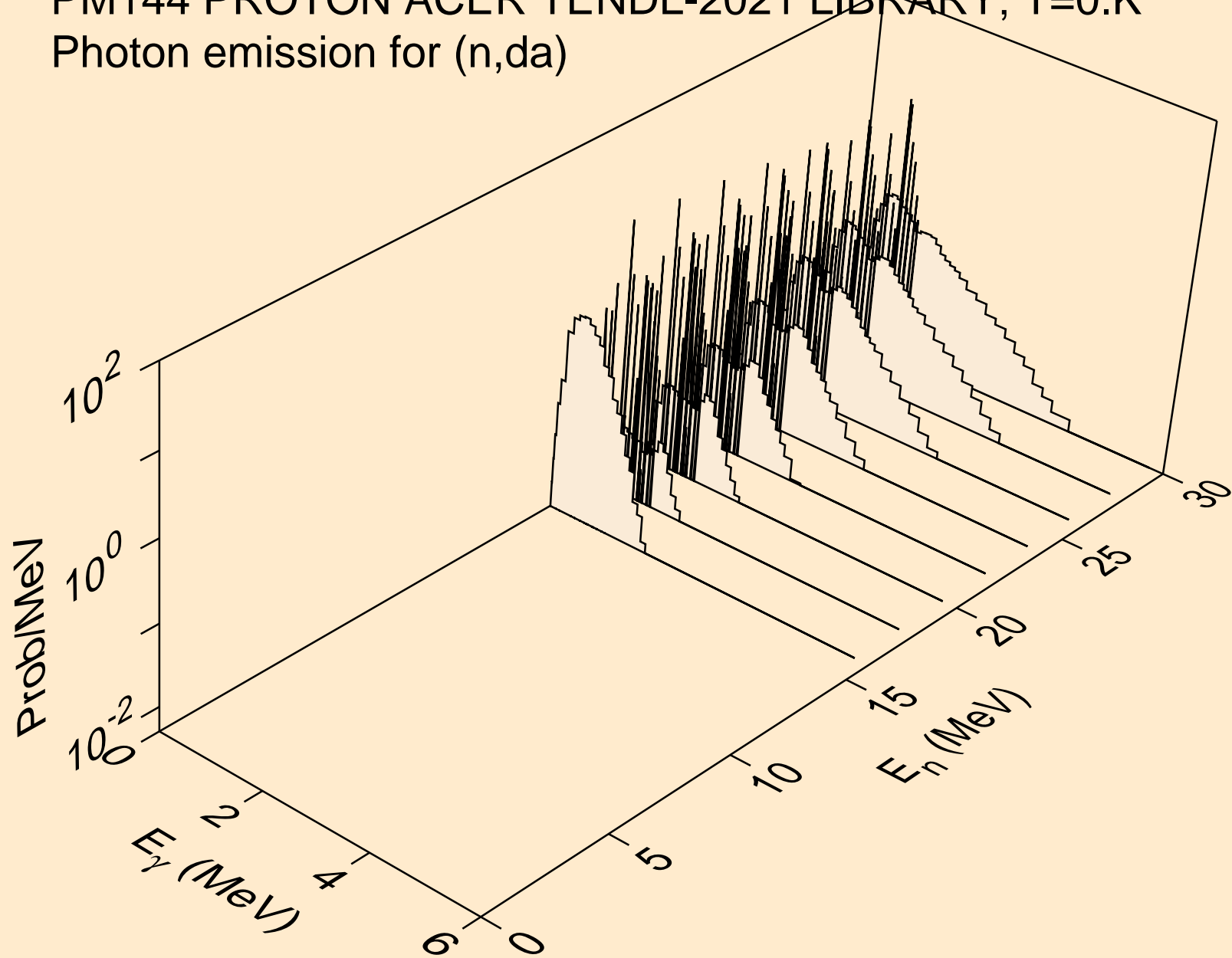


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



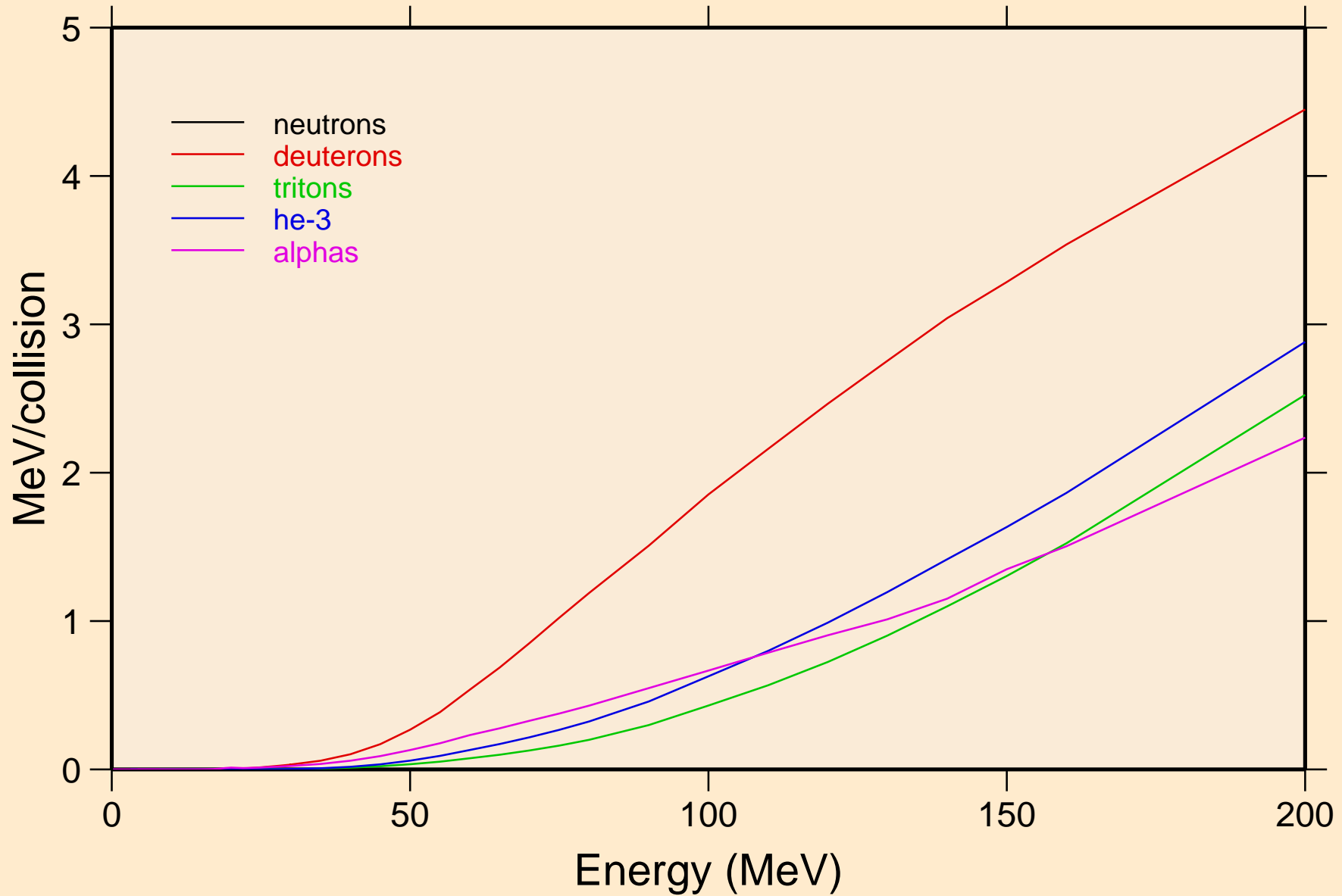


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

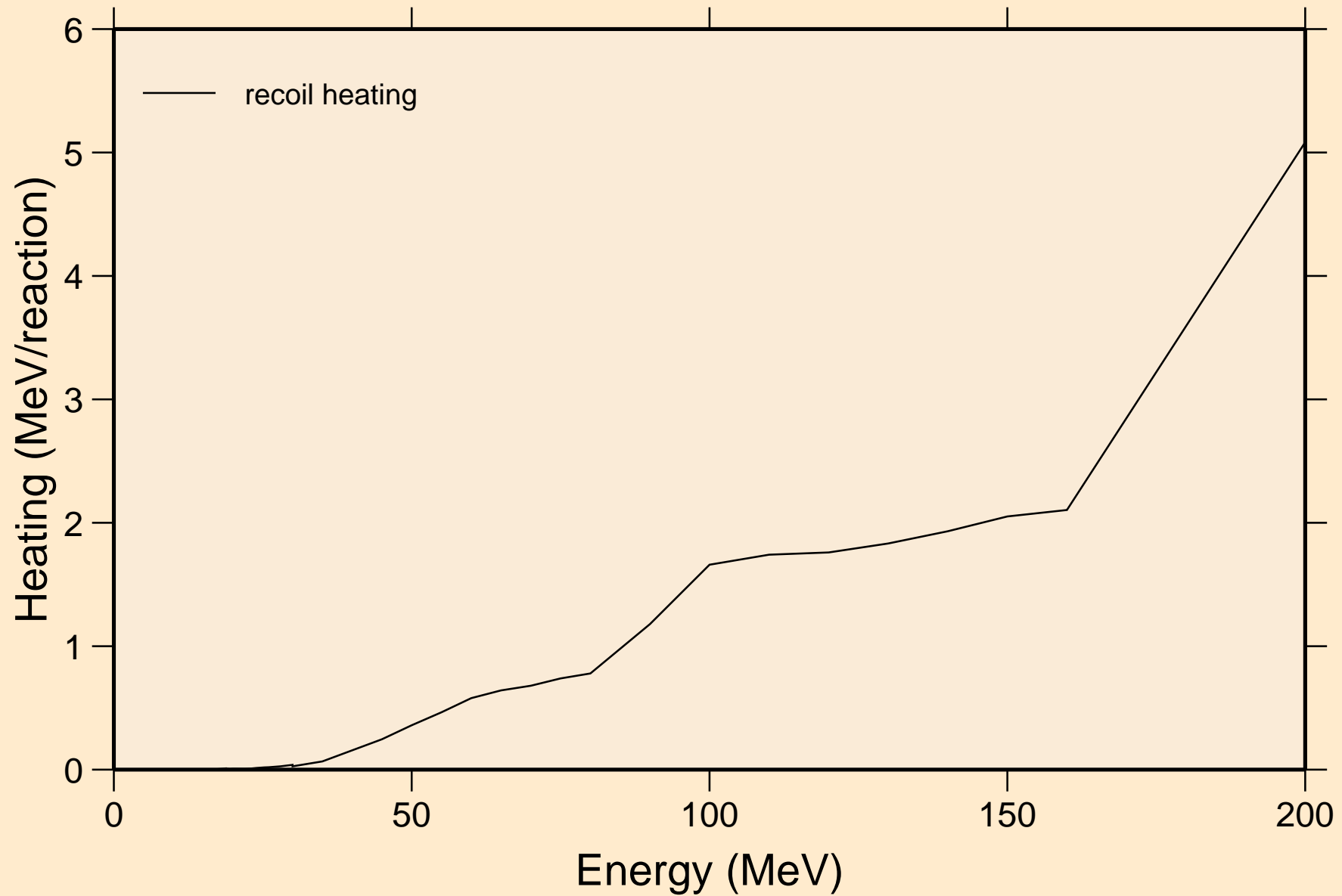


# PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K

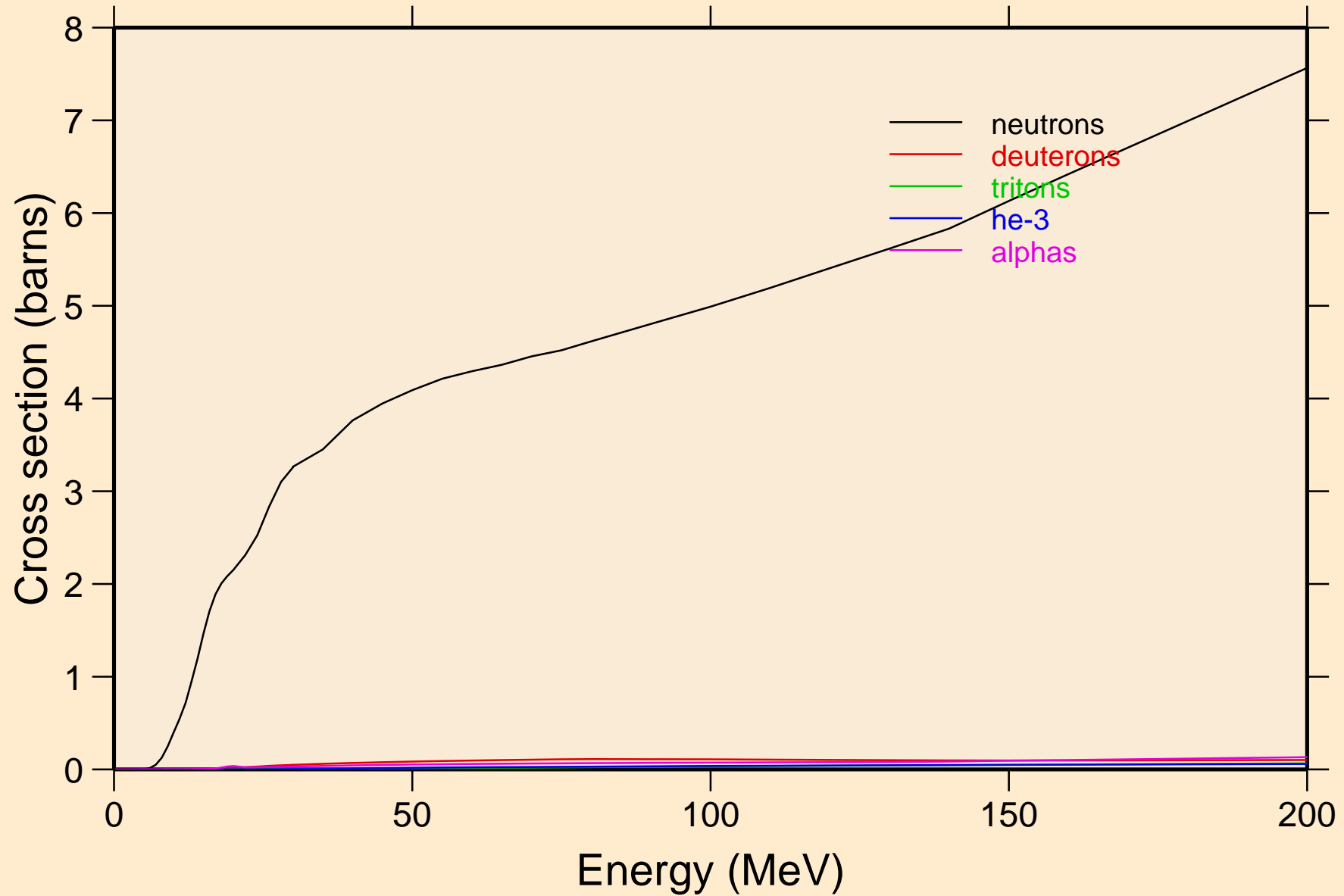
## Particle heating contributions



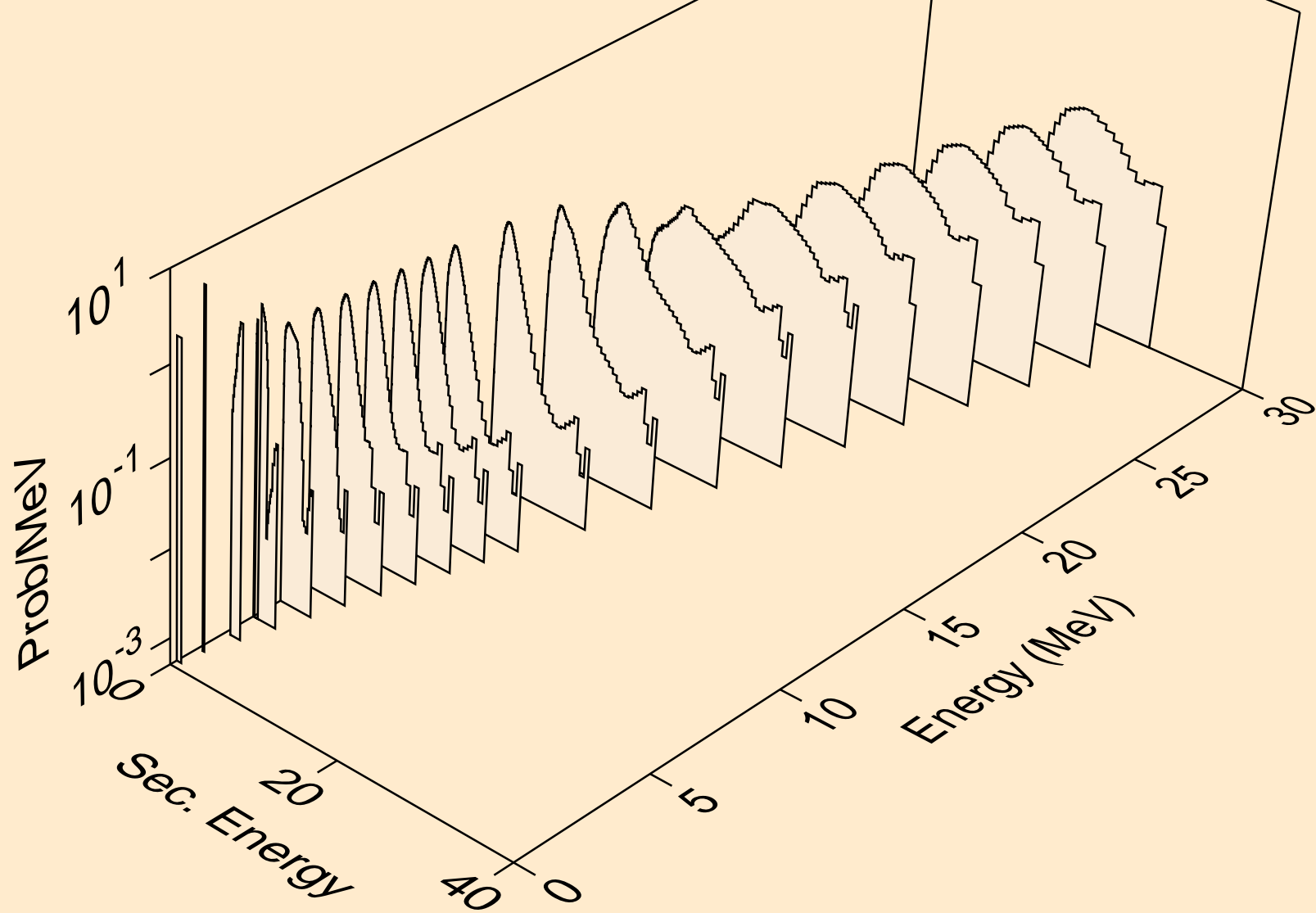
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



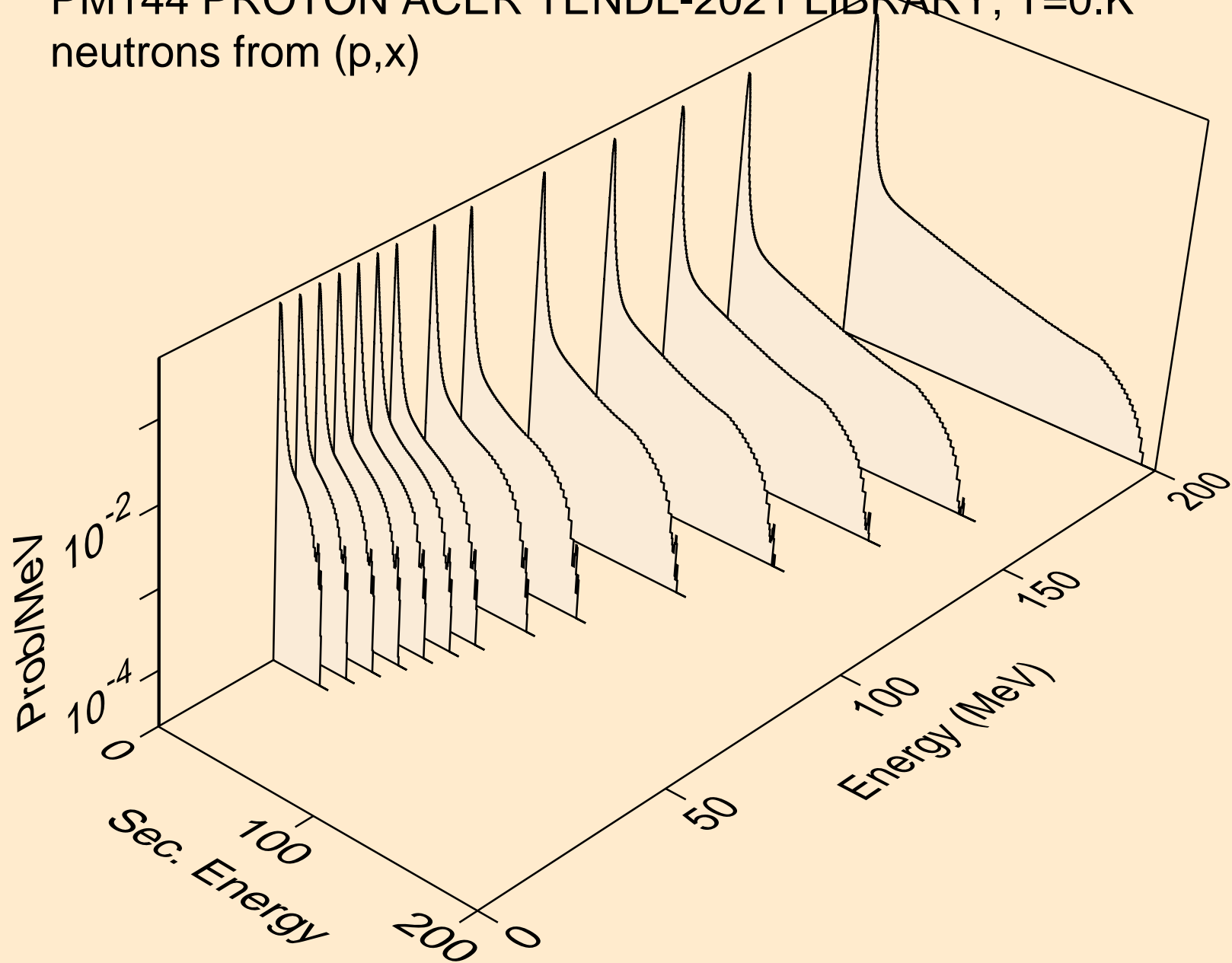
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



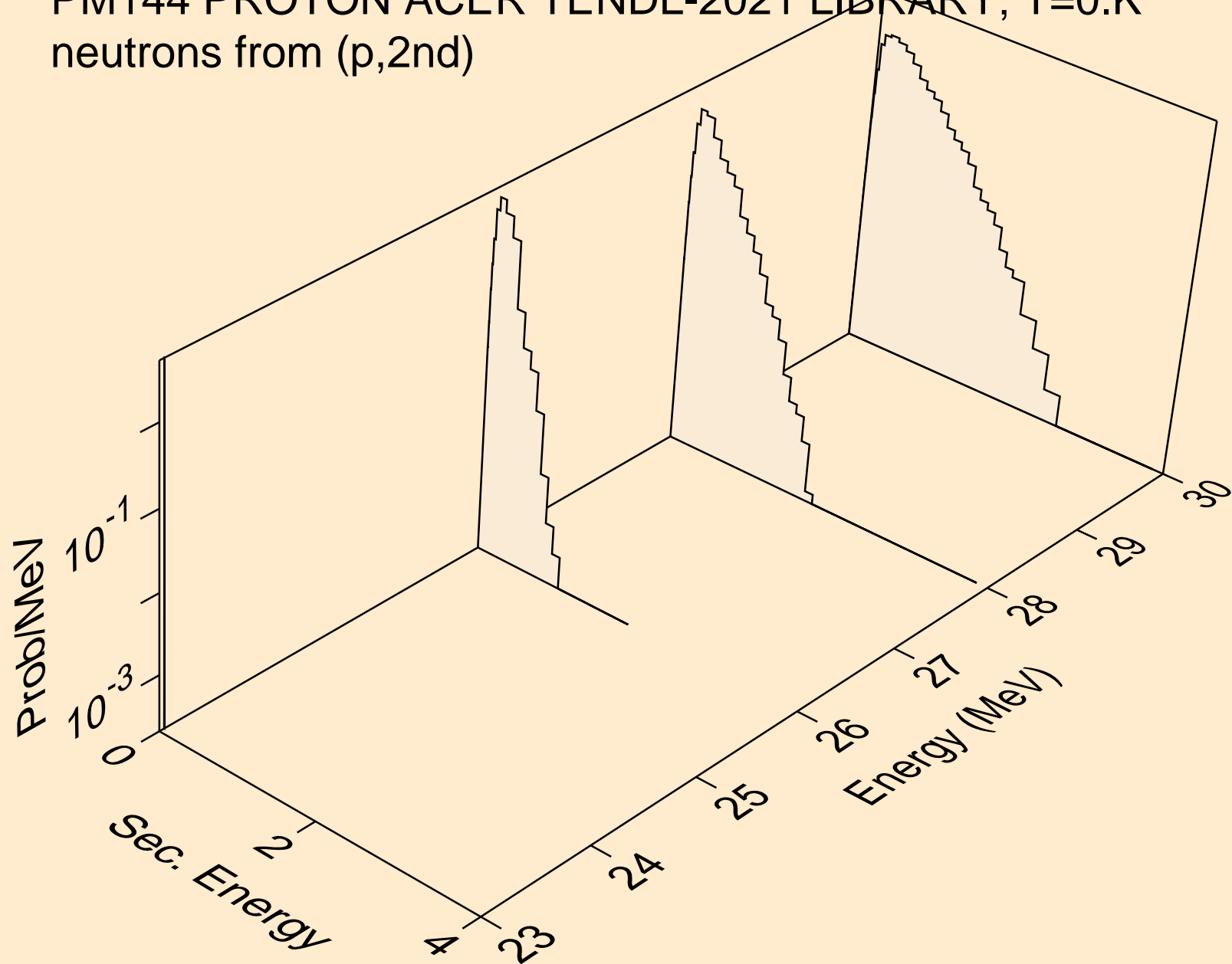
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



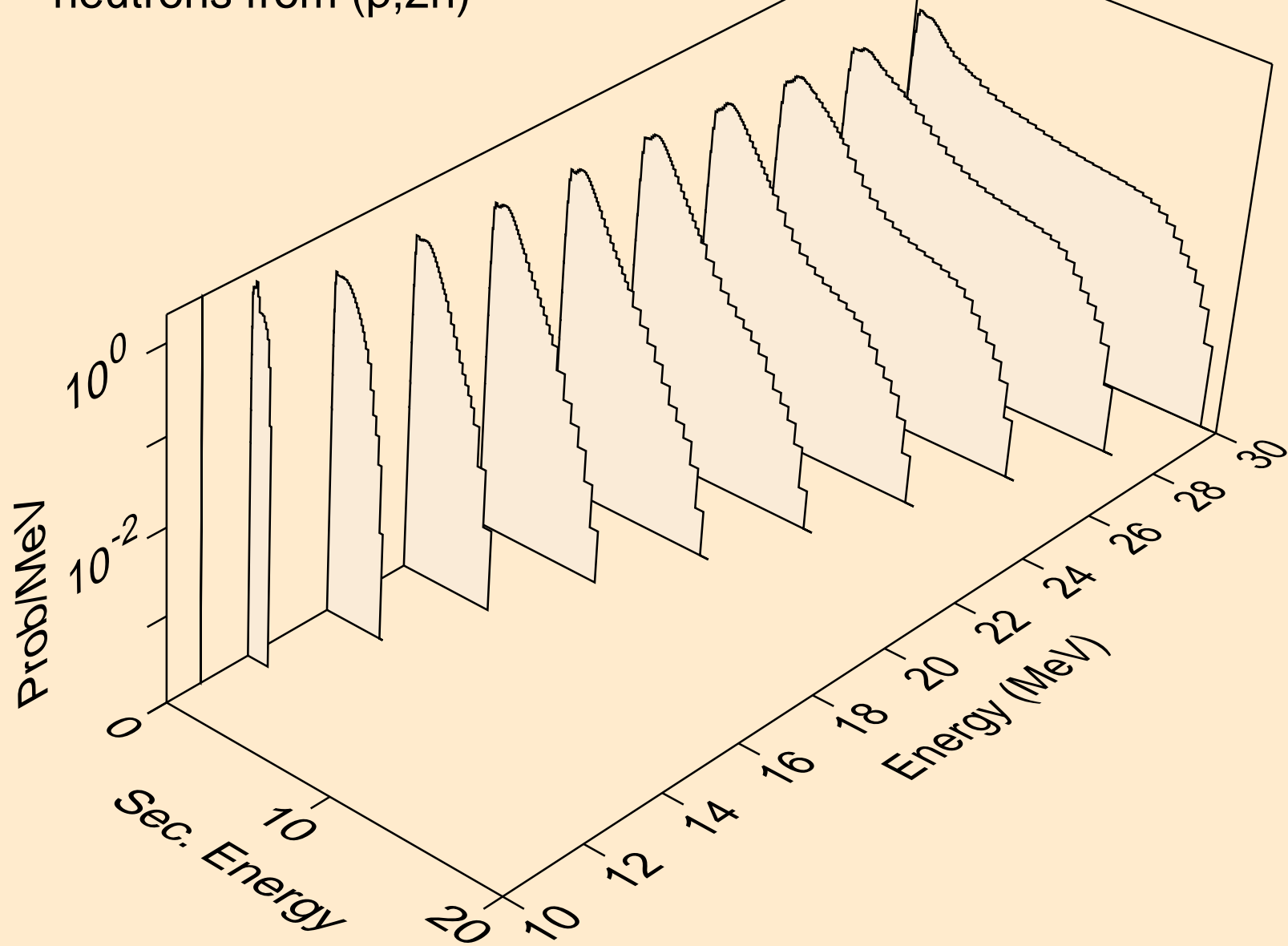
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

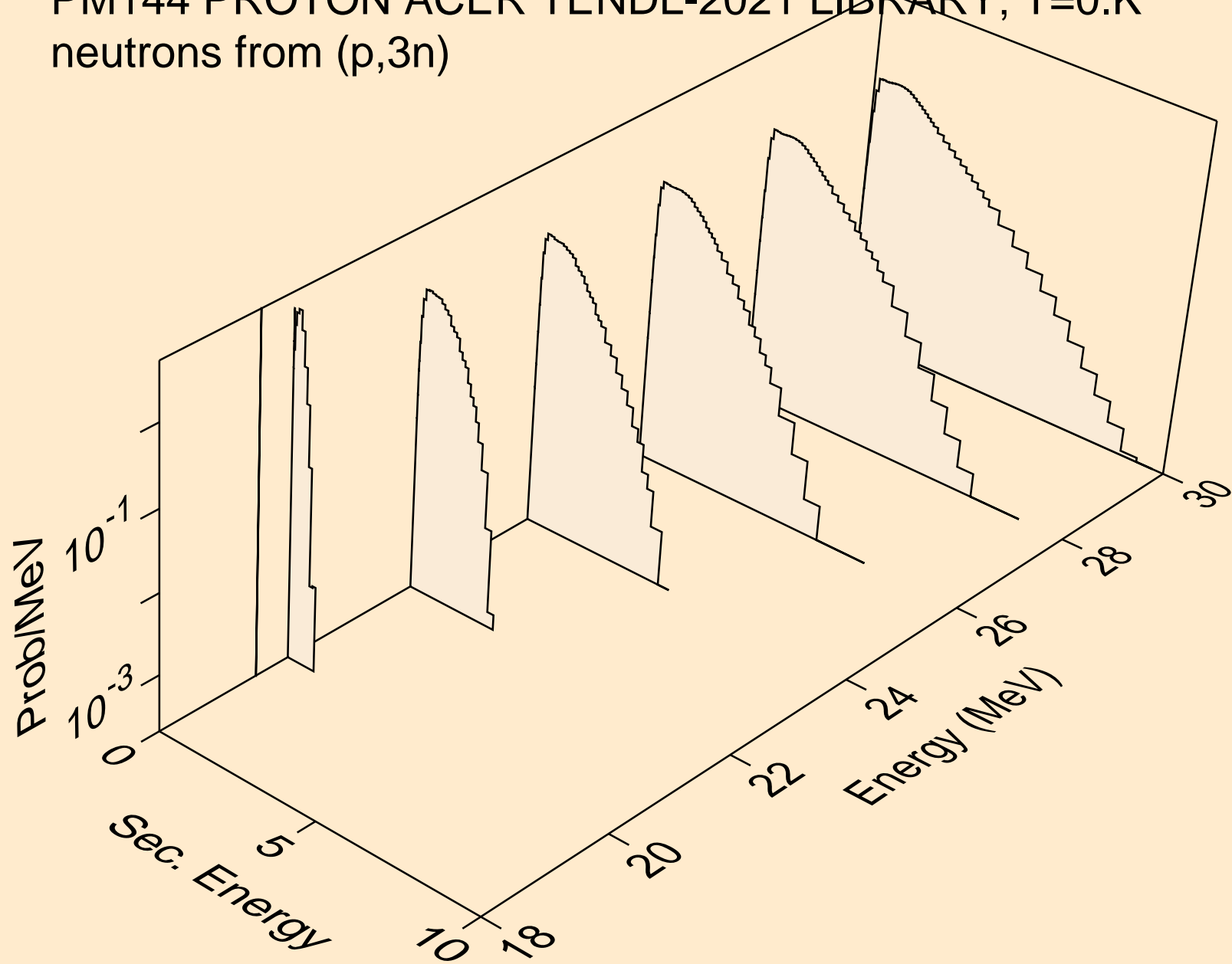


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

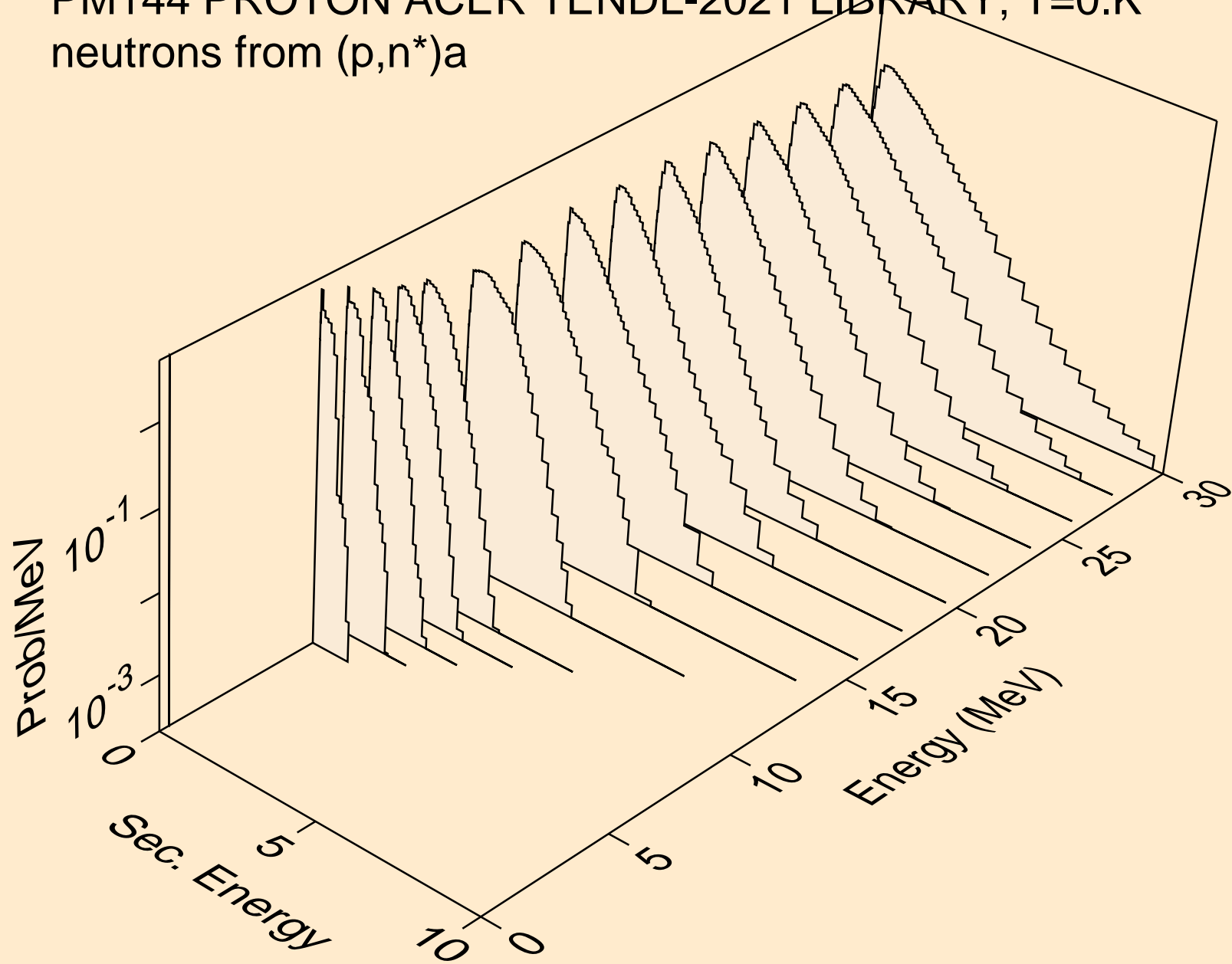




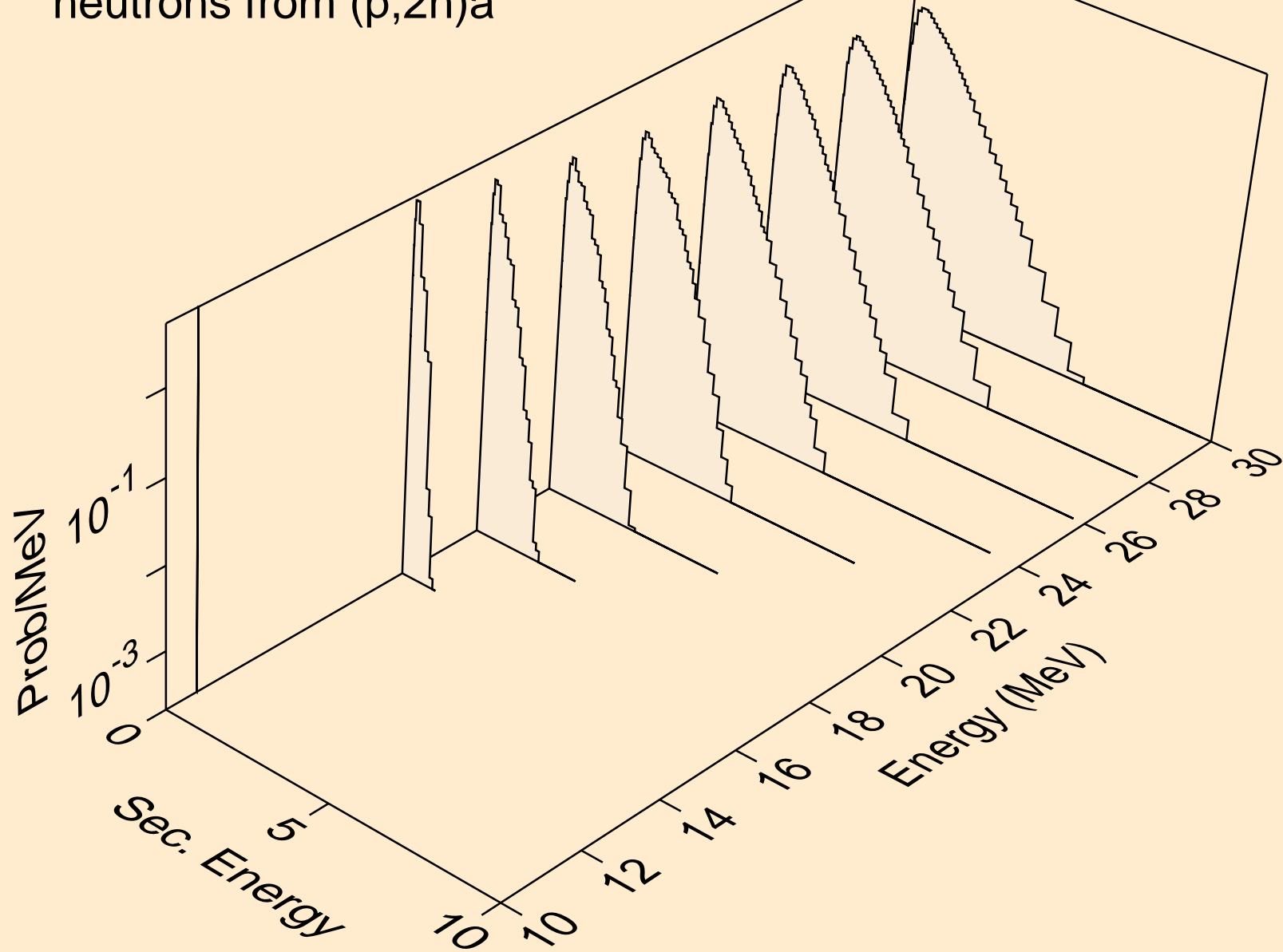
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



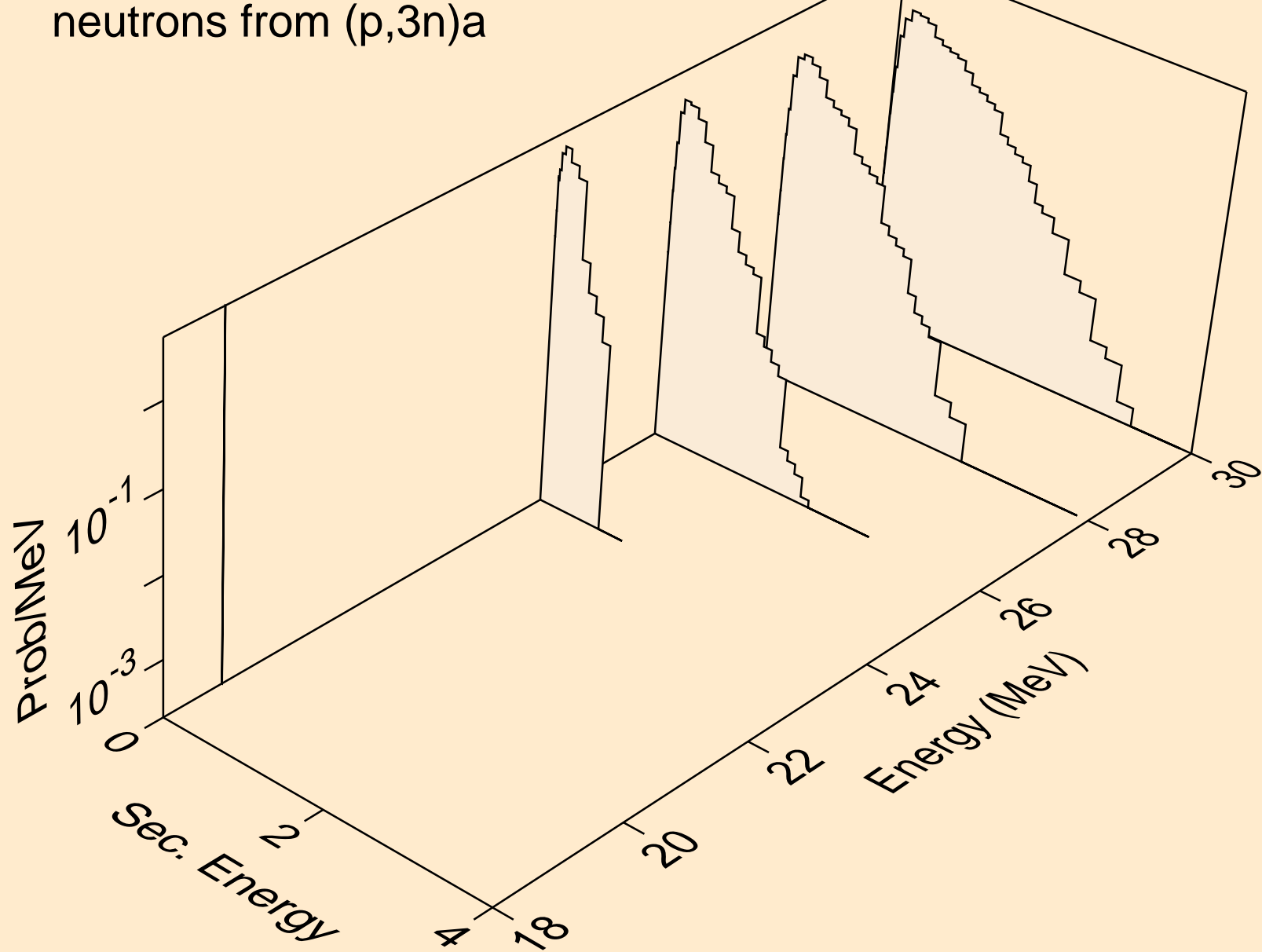
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



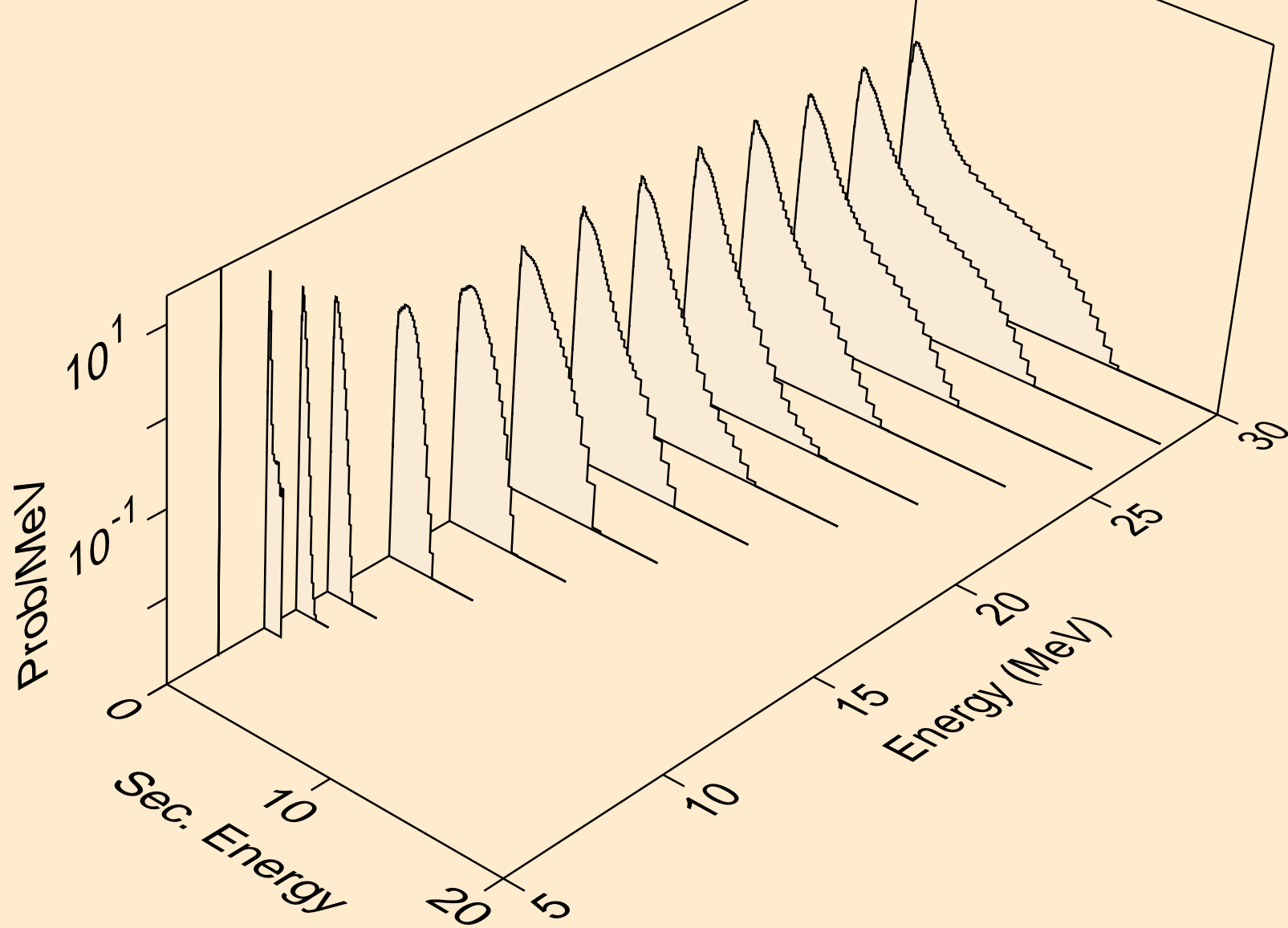
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



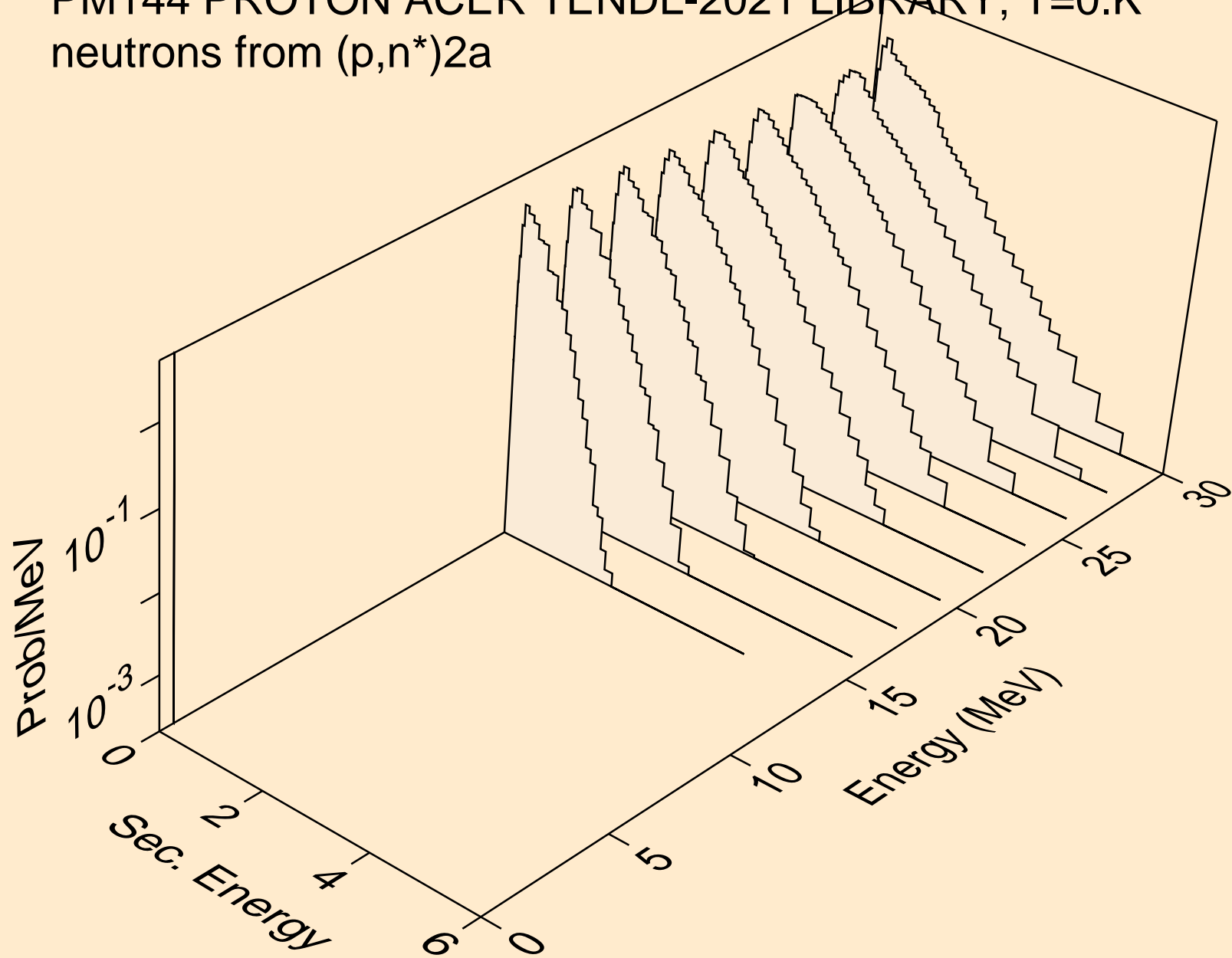
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



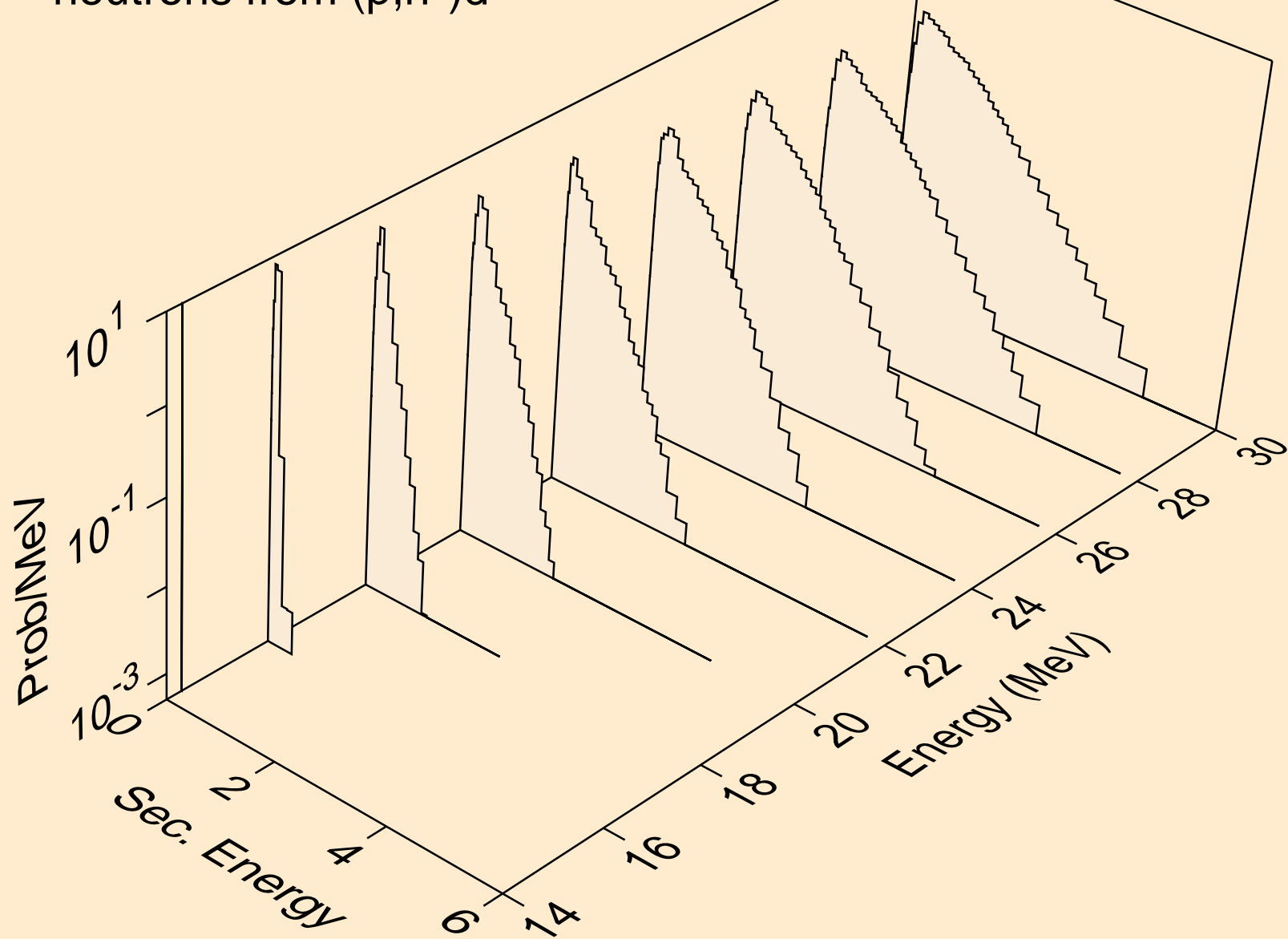
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



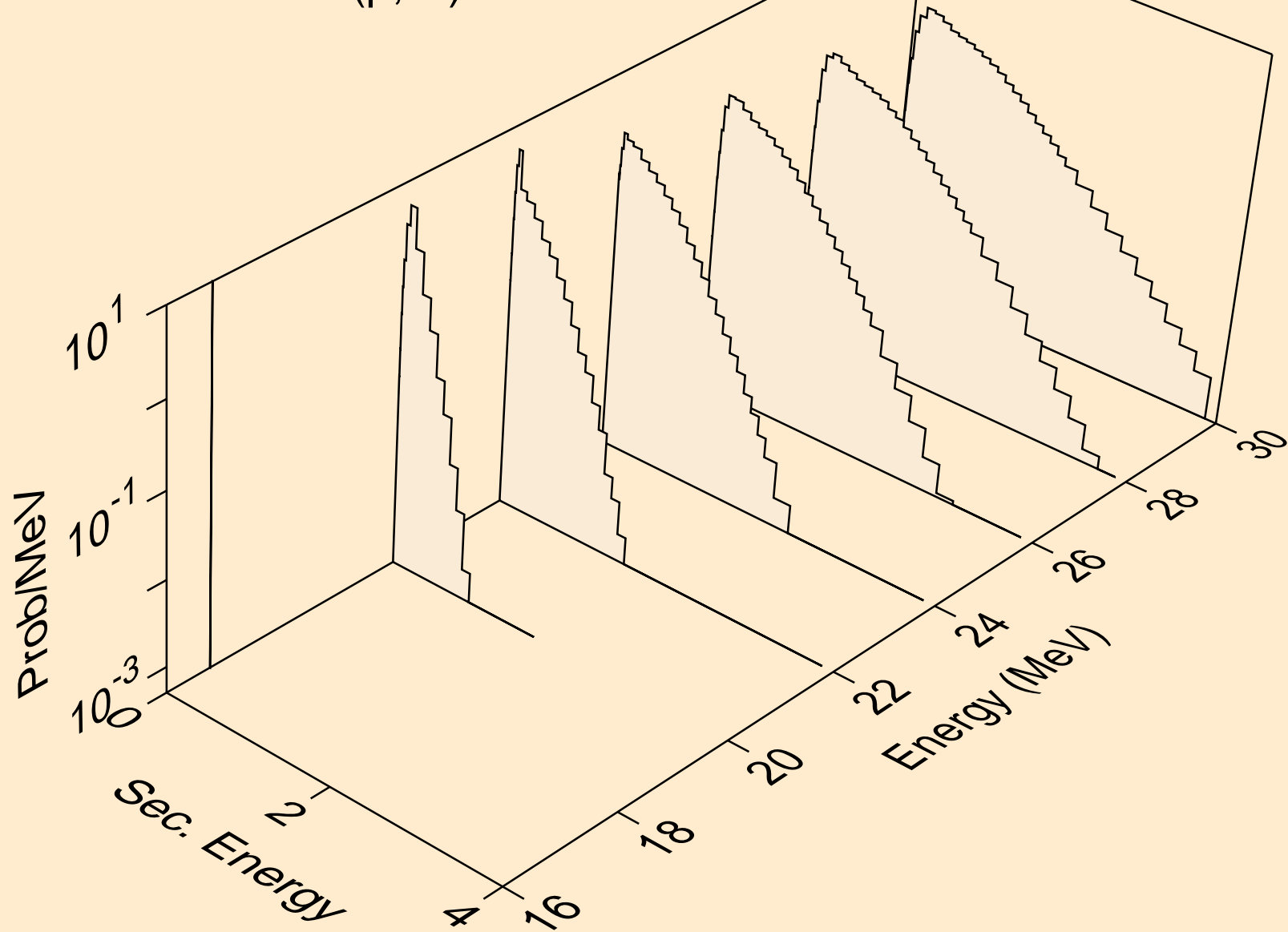
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



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

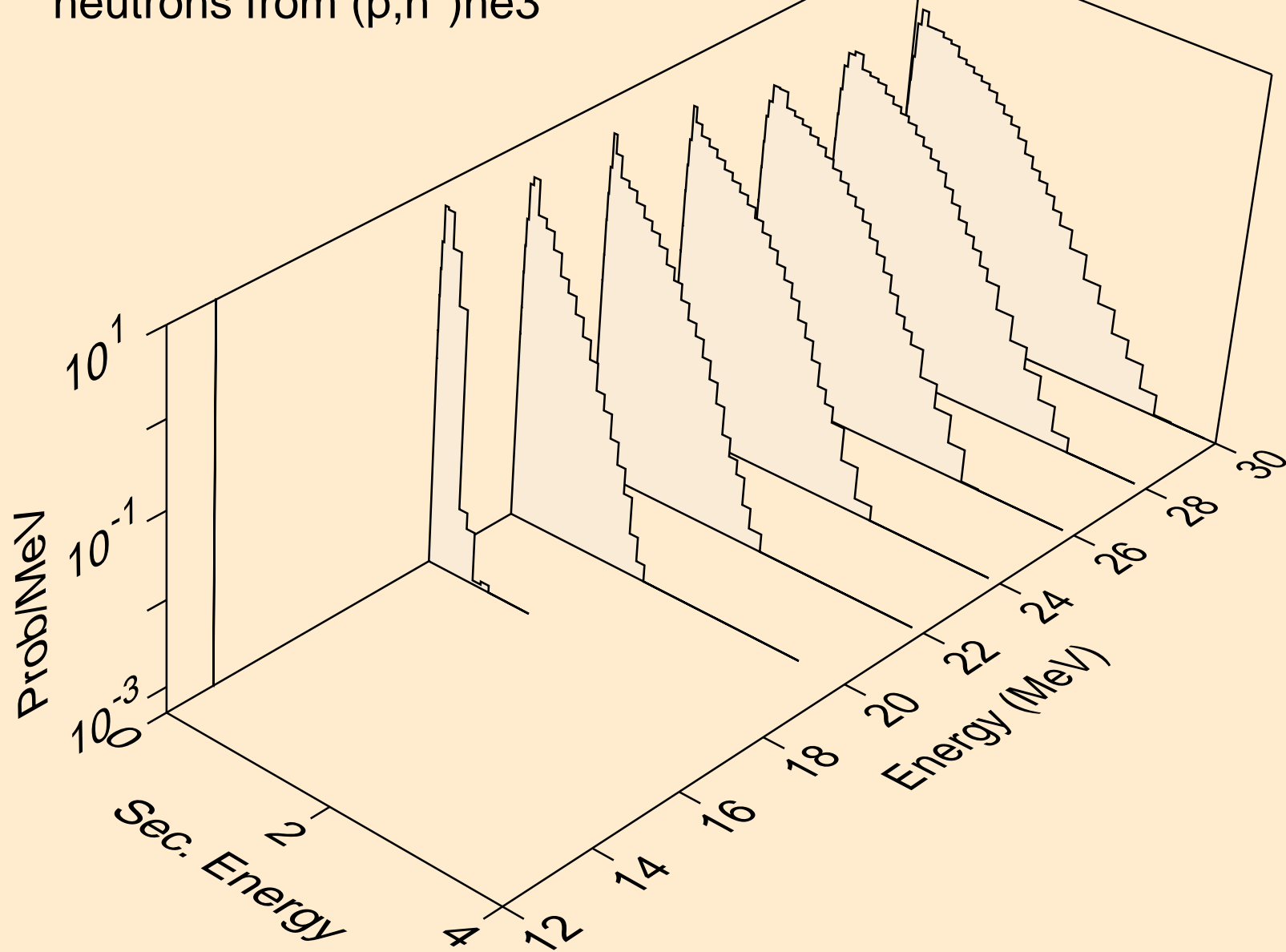


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

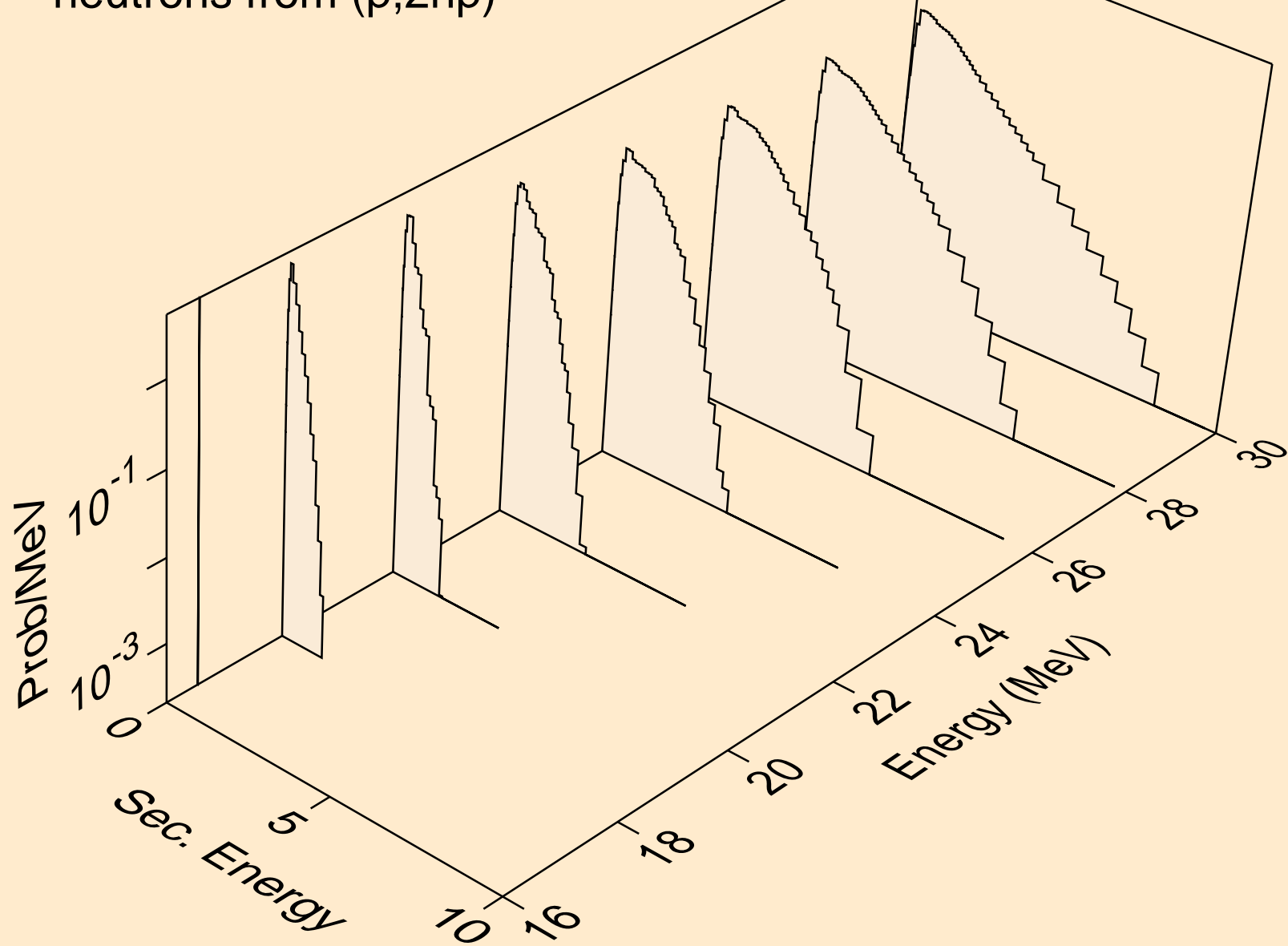




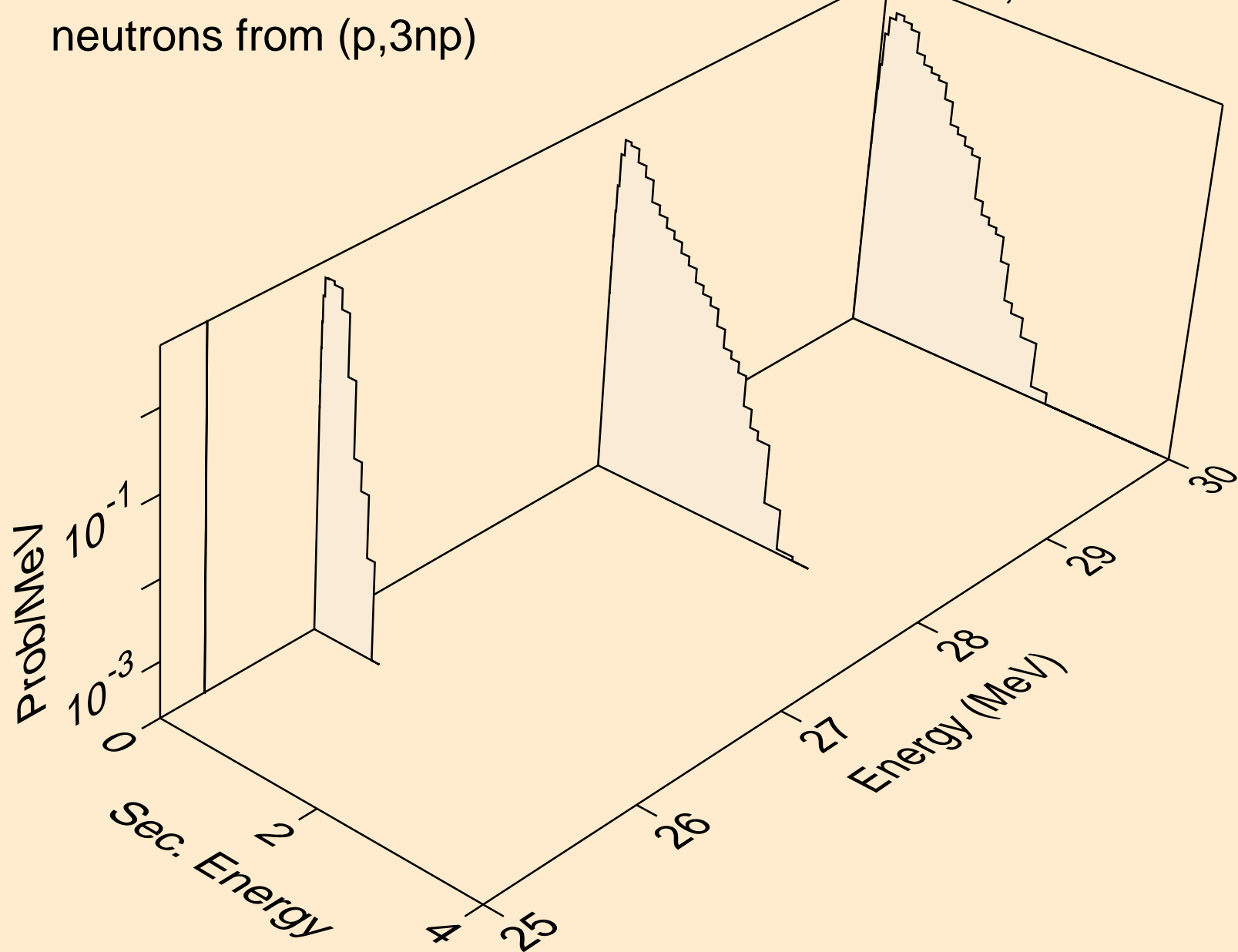
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



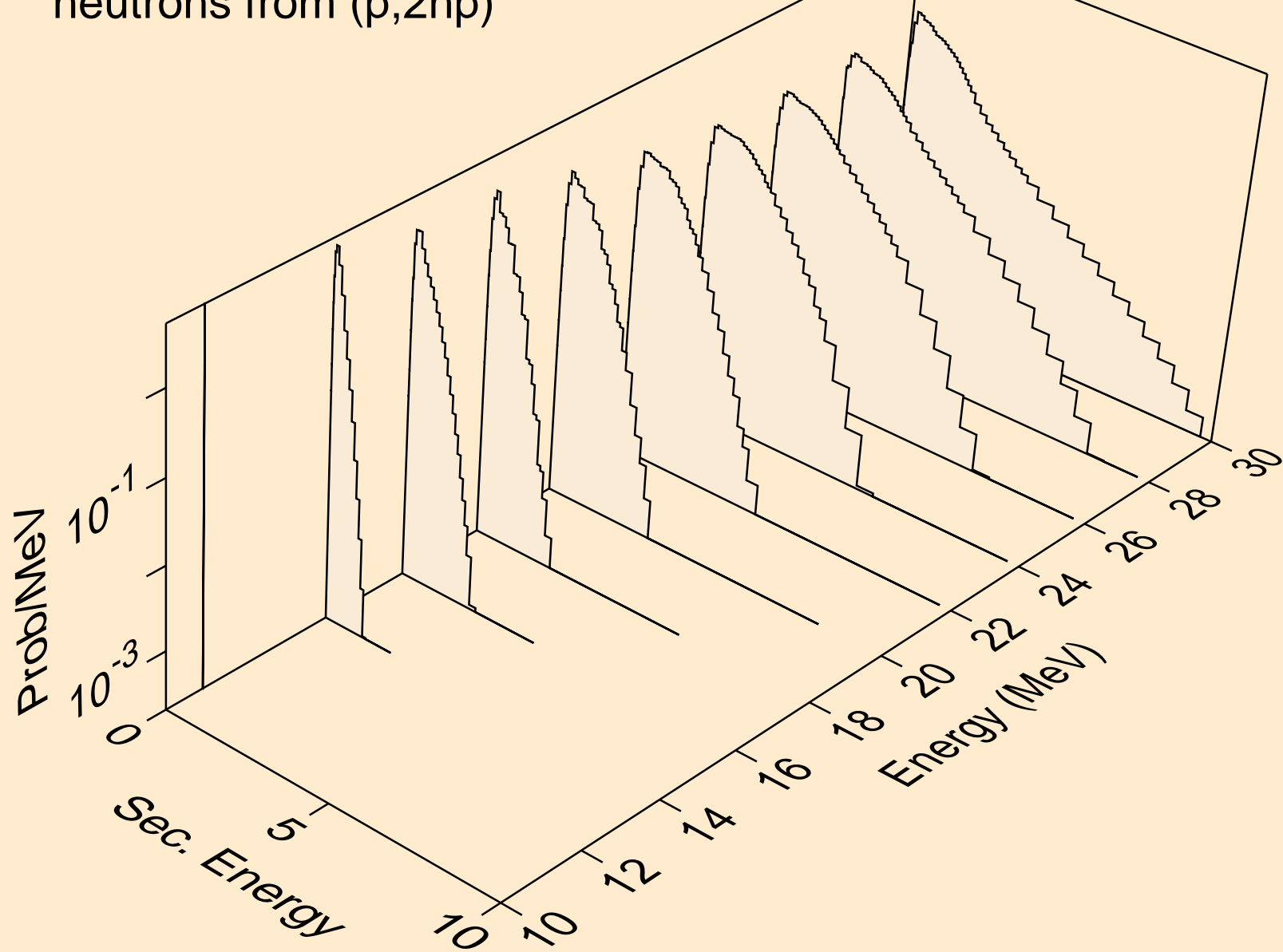
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



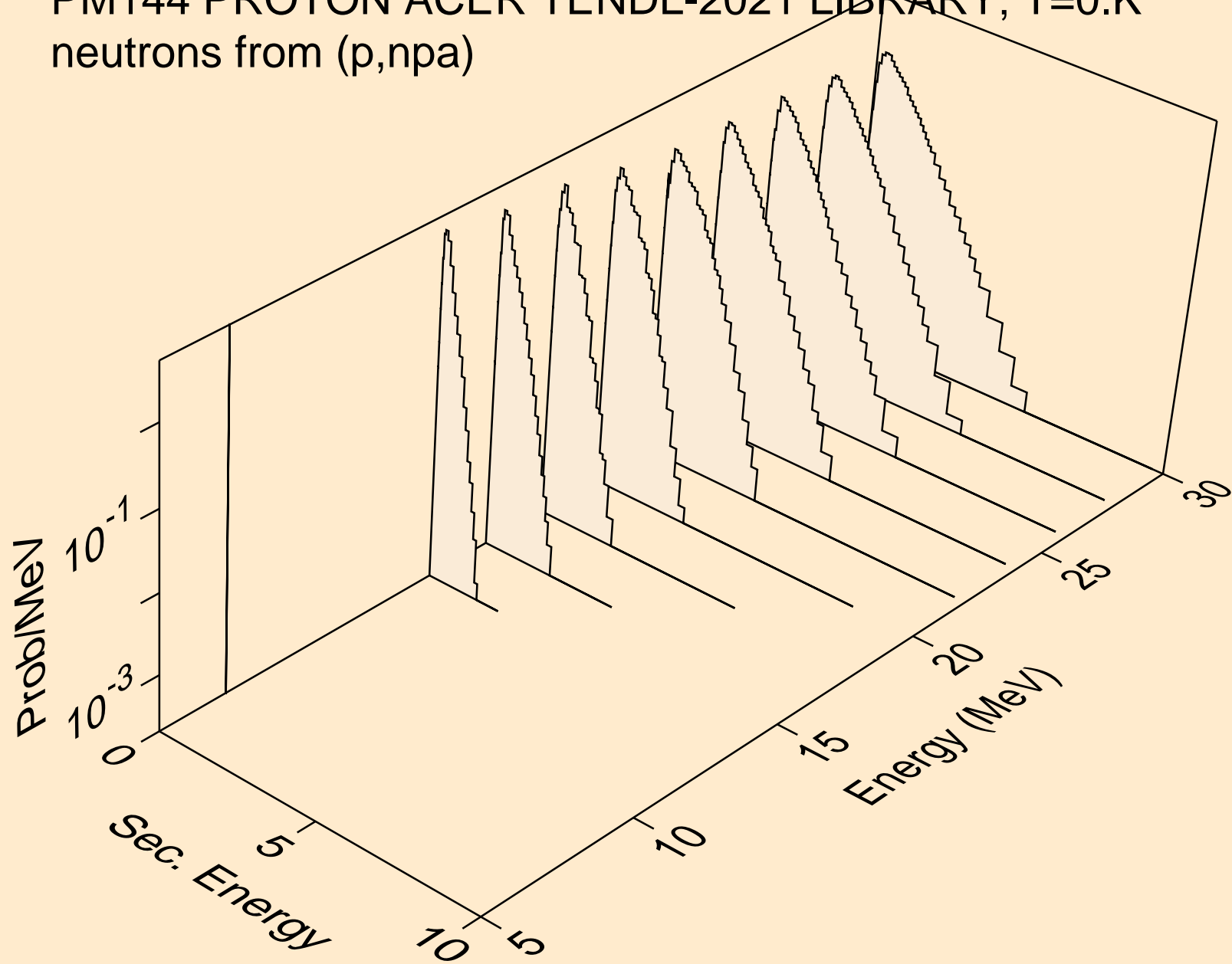
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



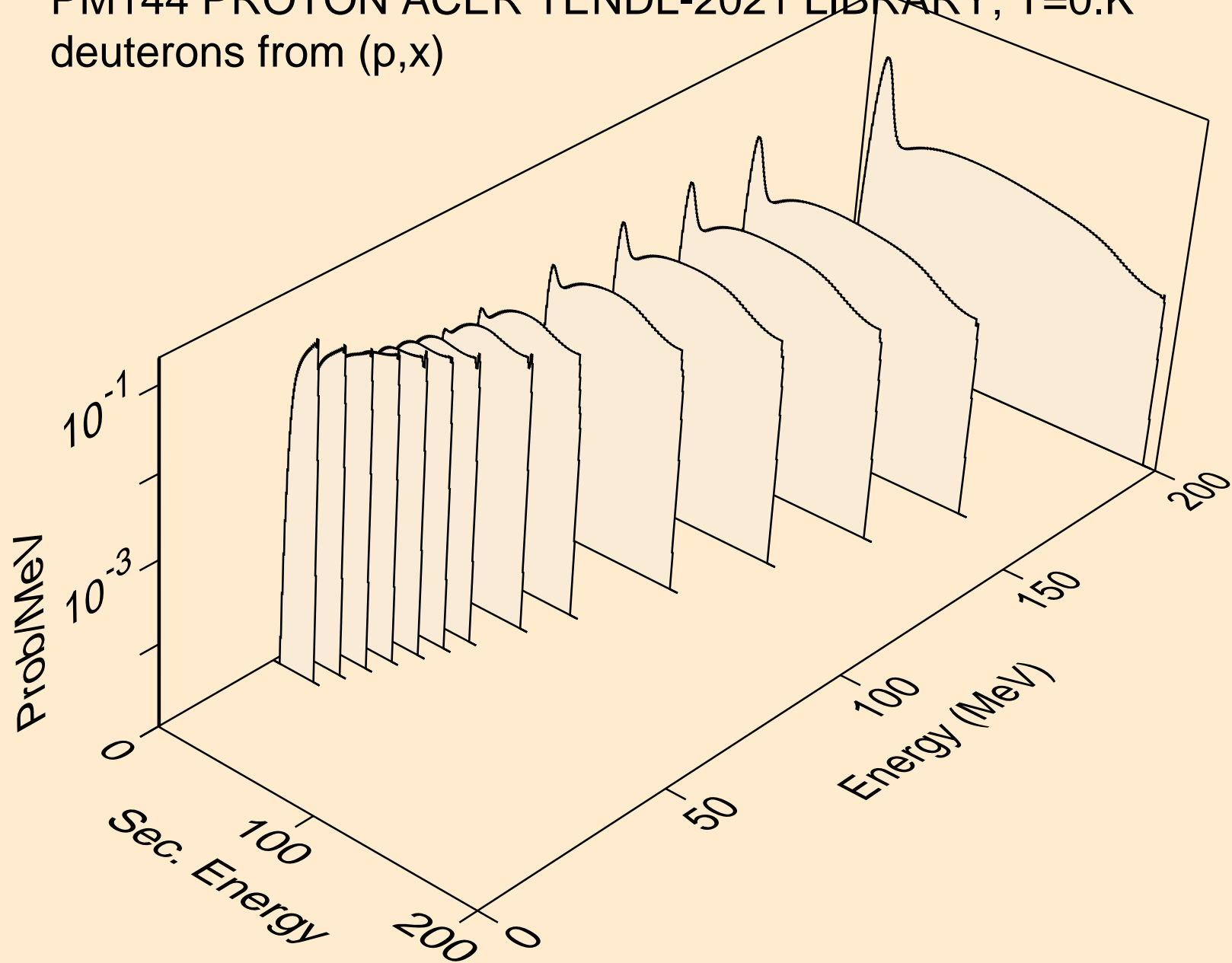
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



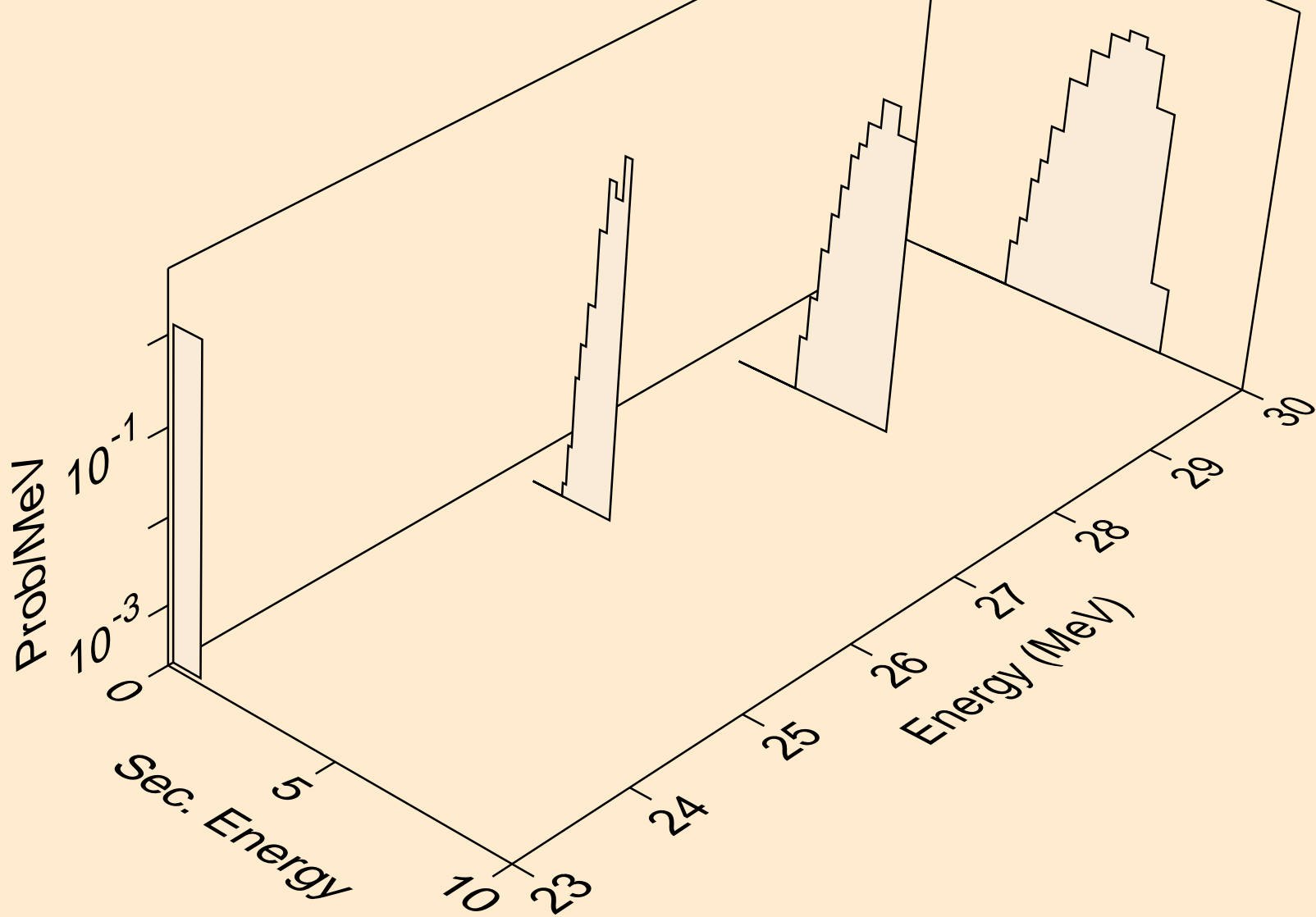
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



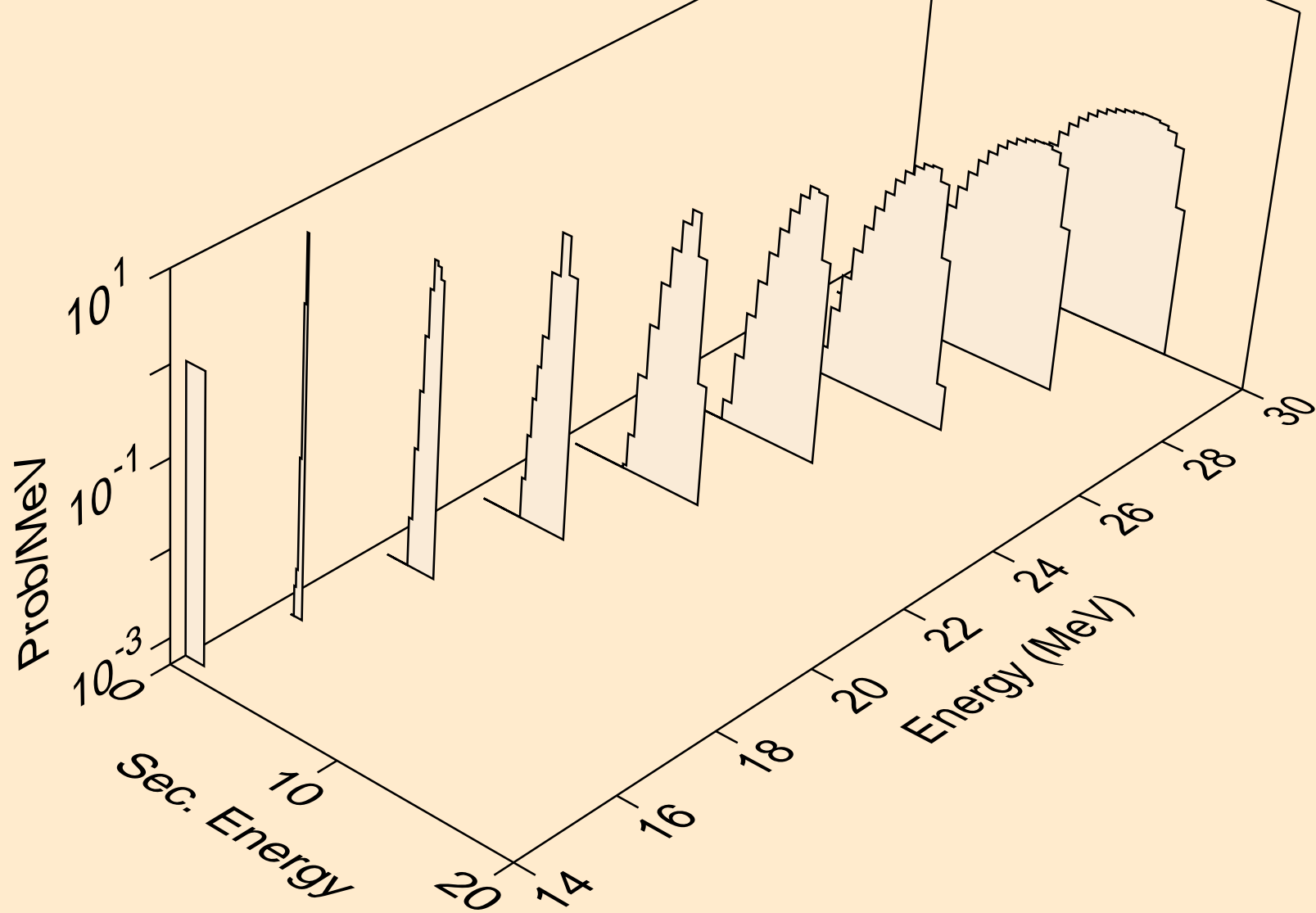
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

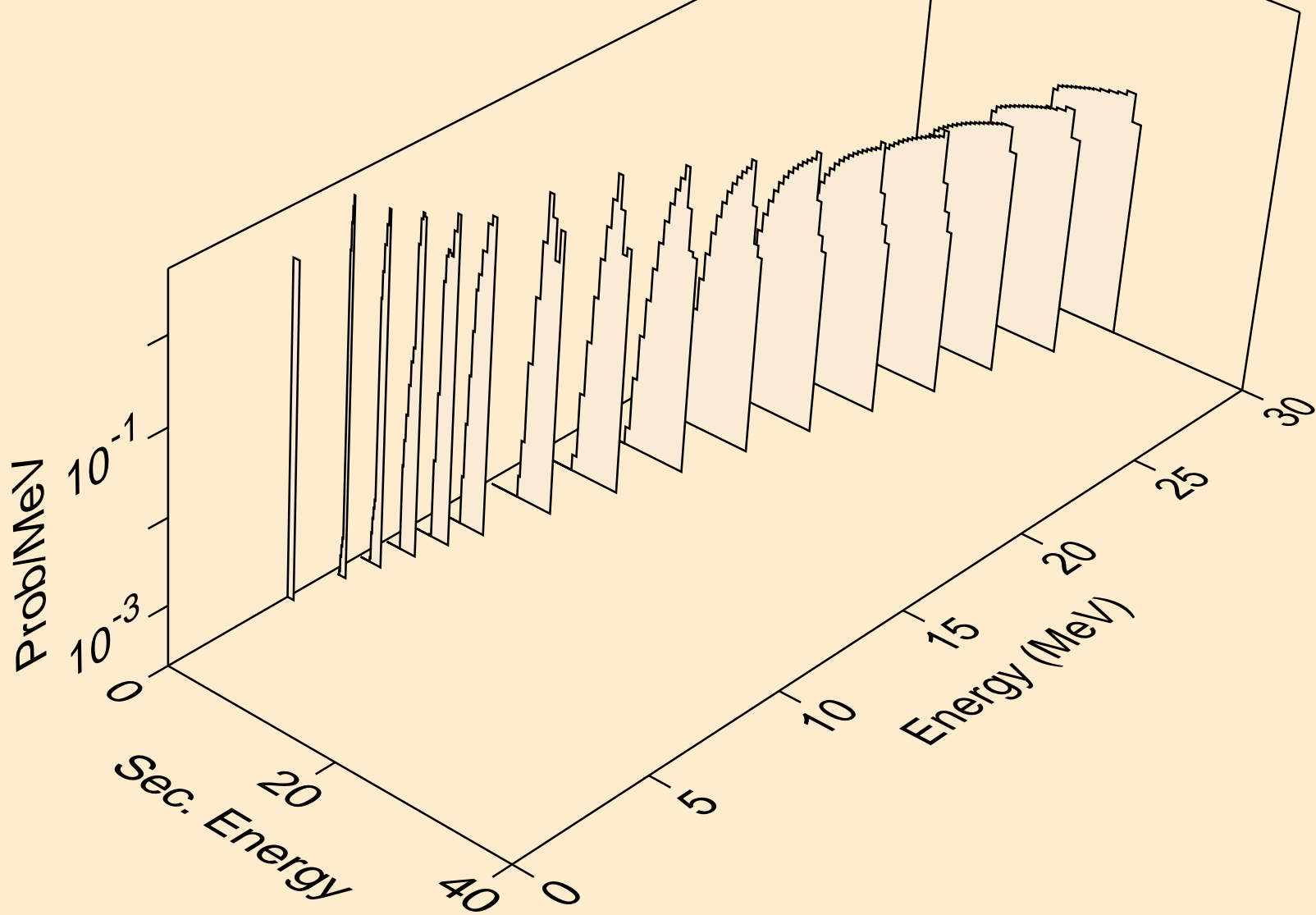


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

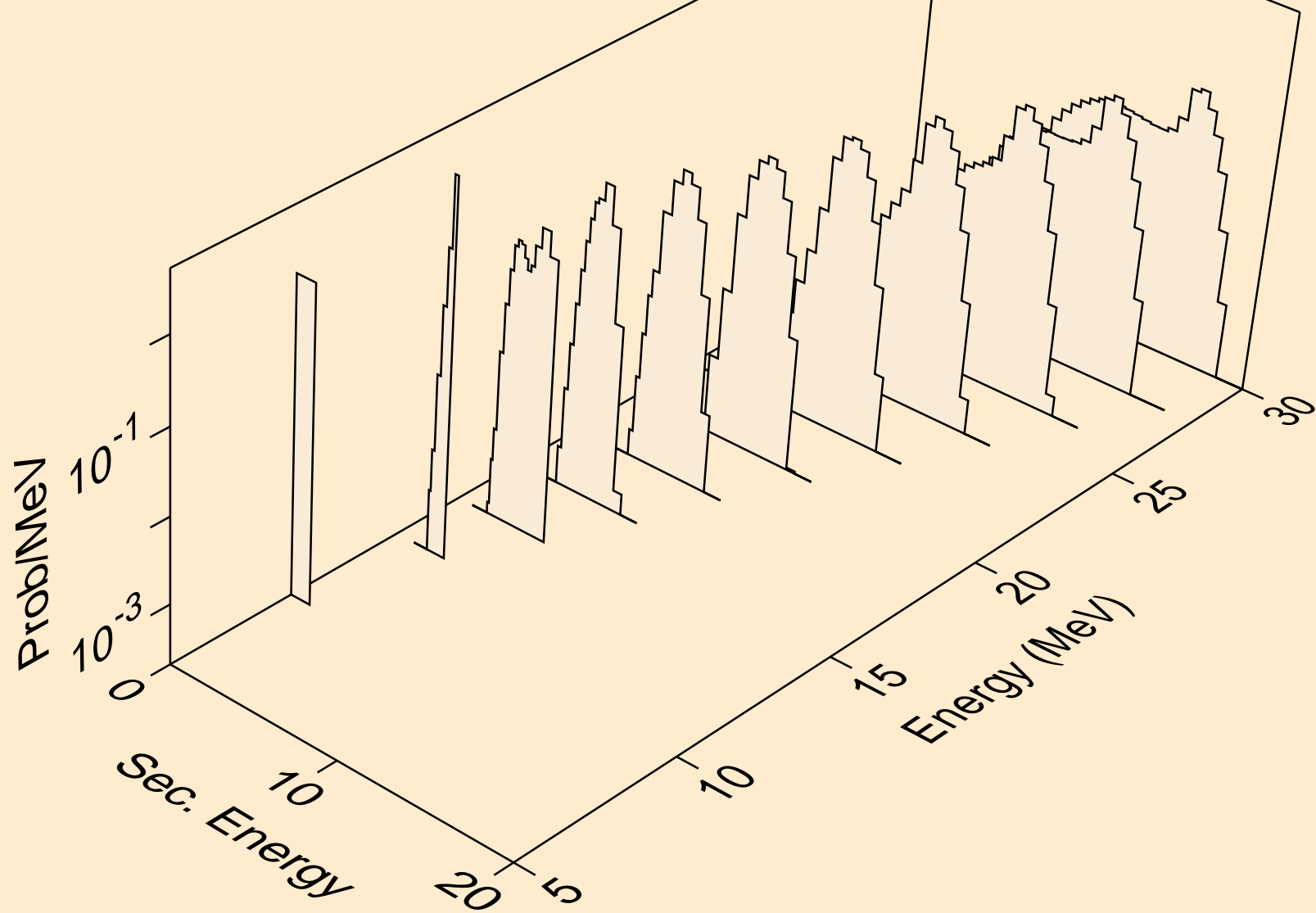




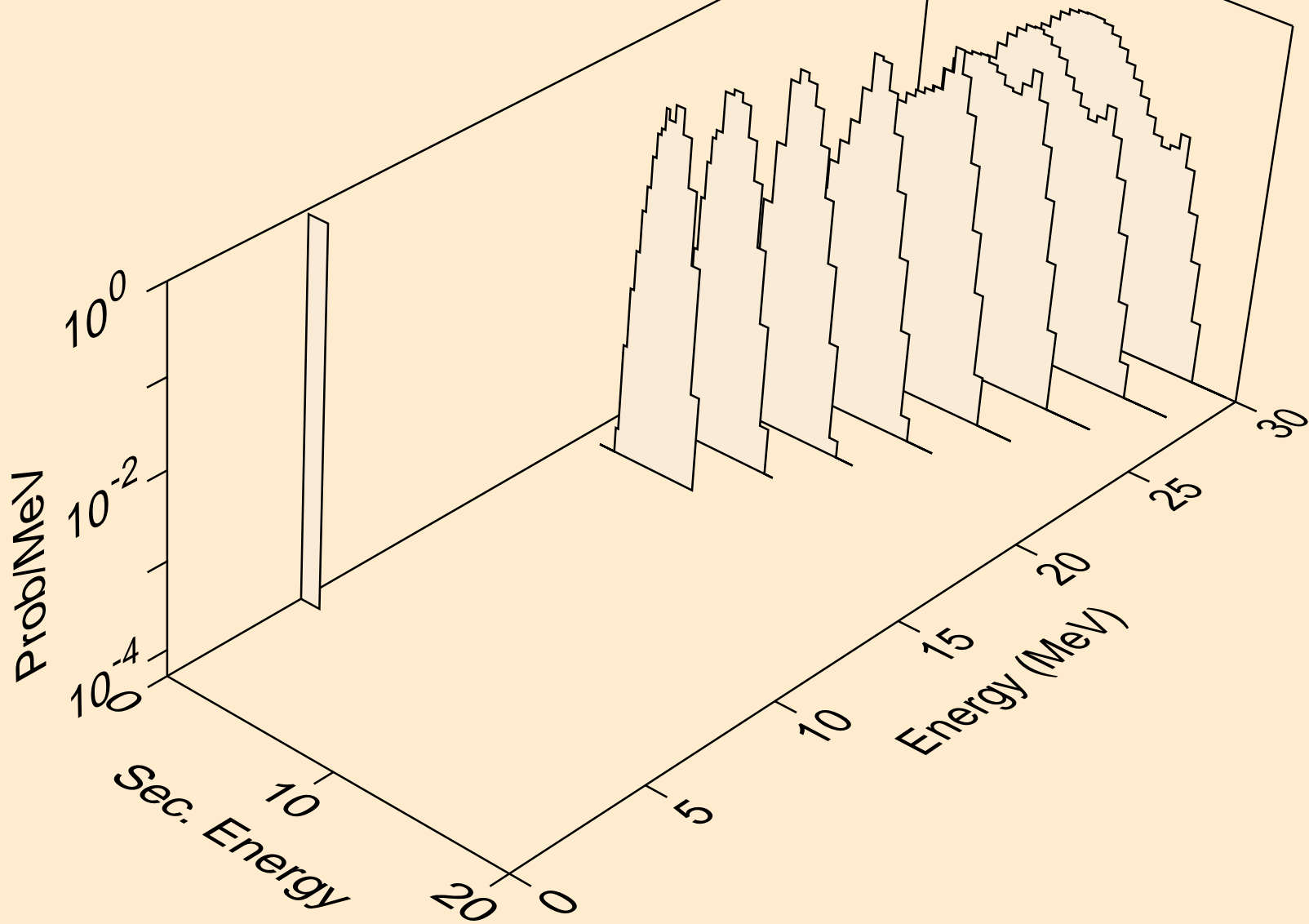
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



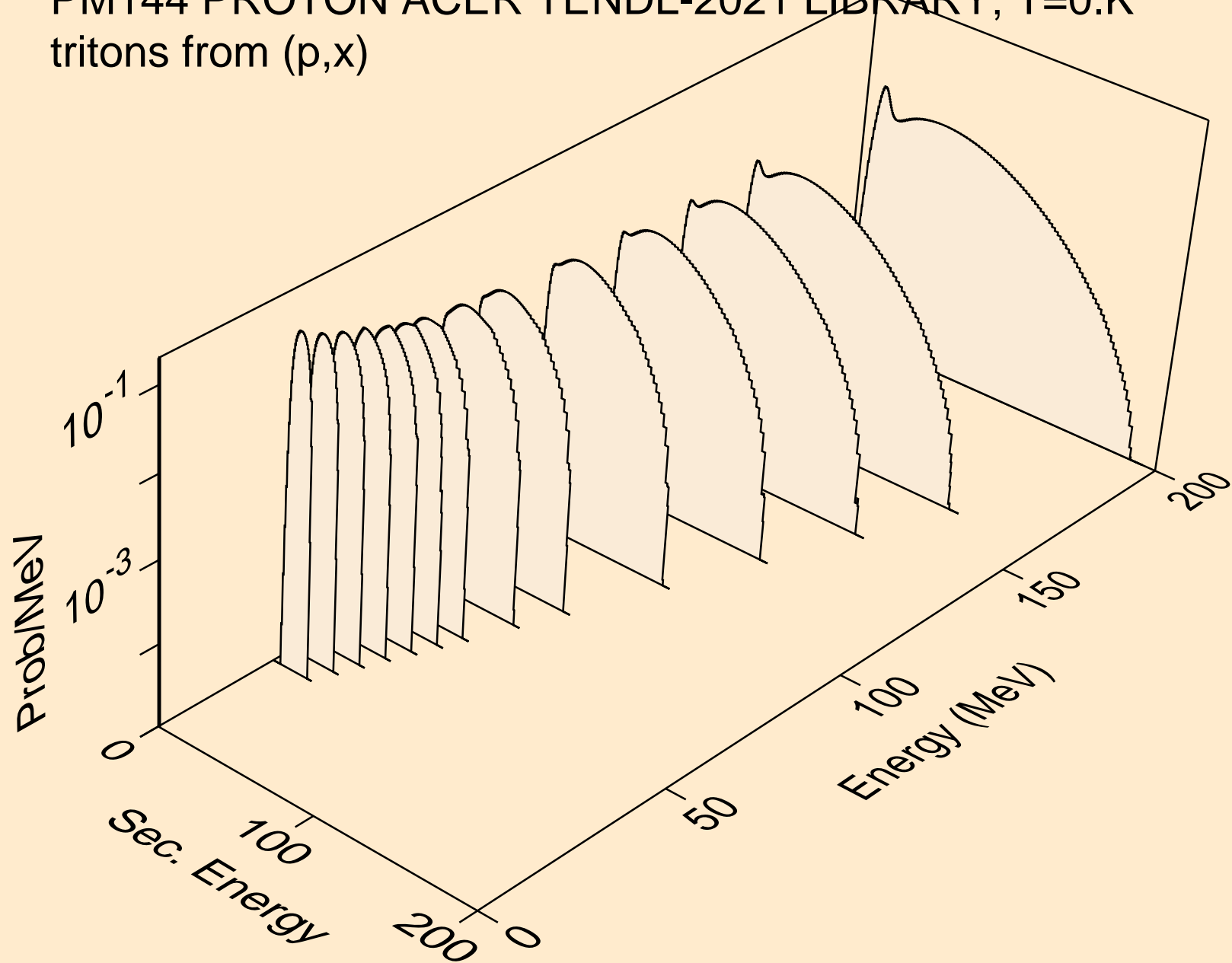
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



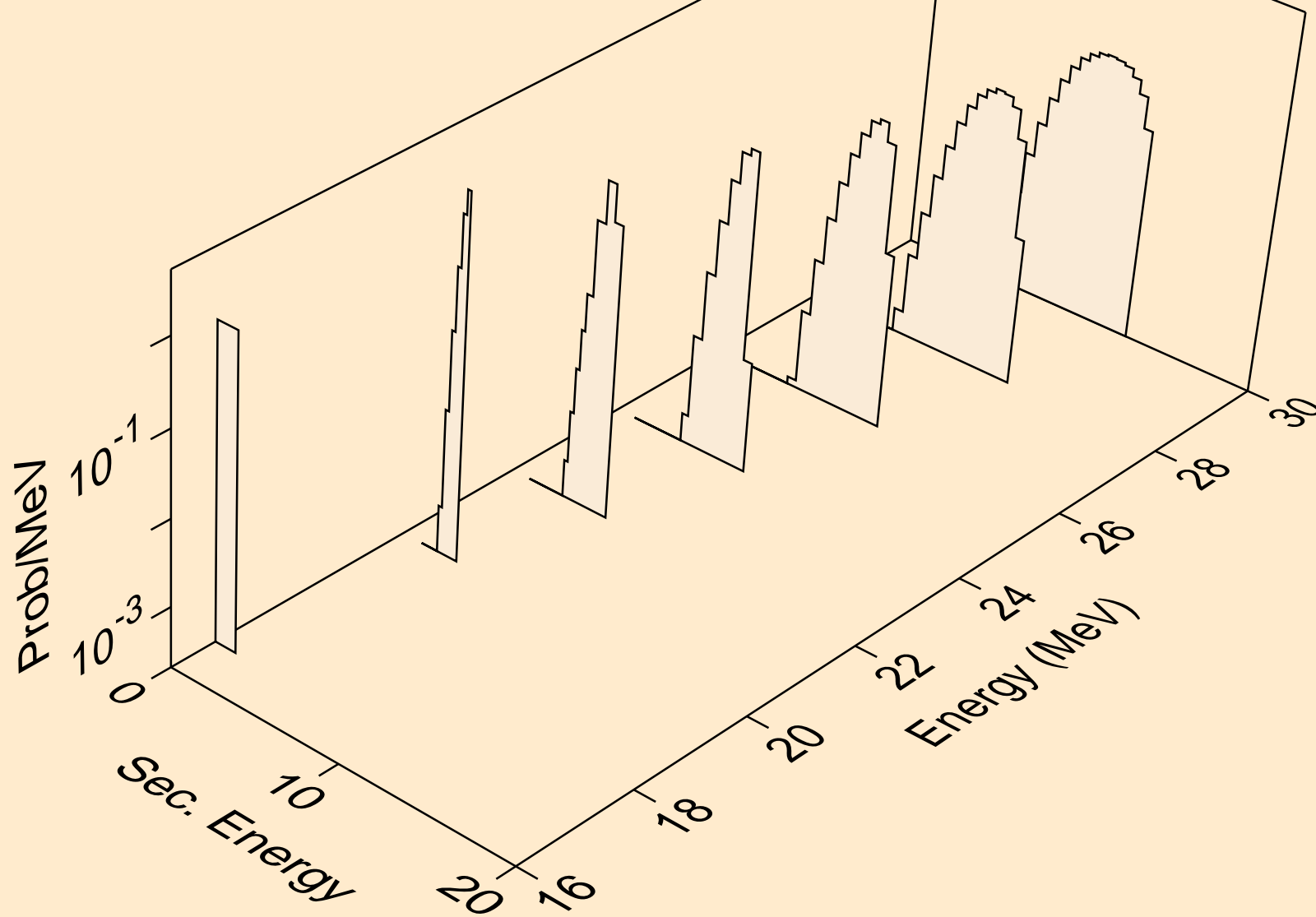
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



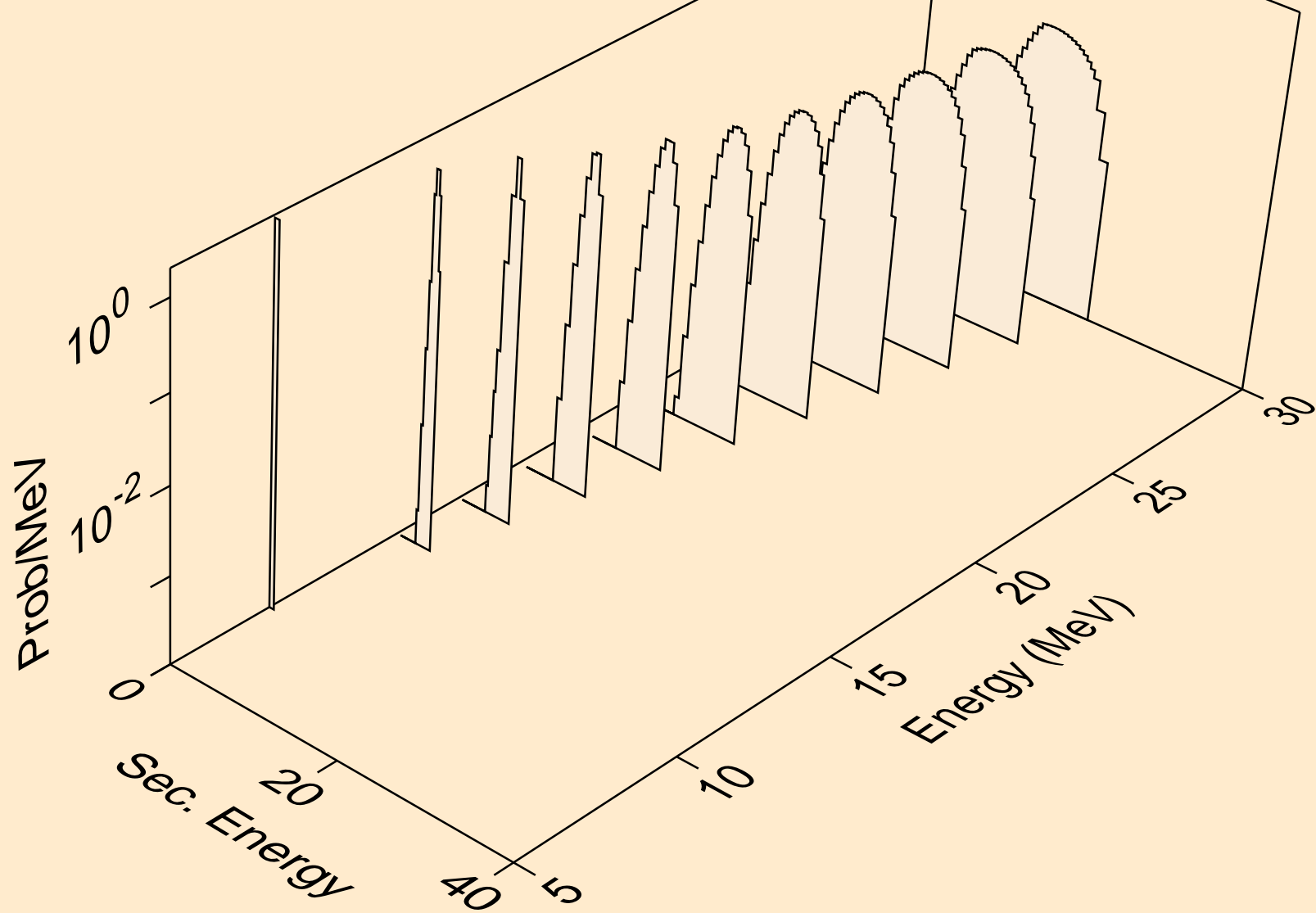
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



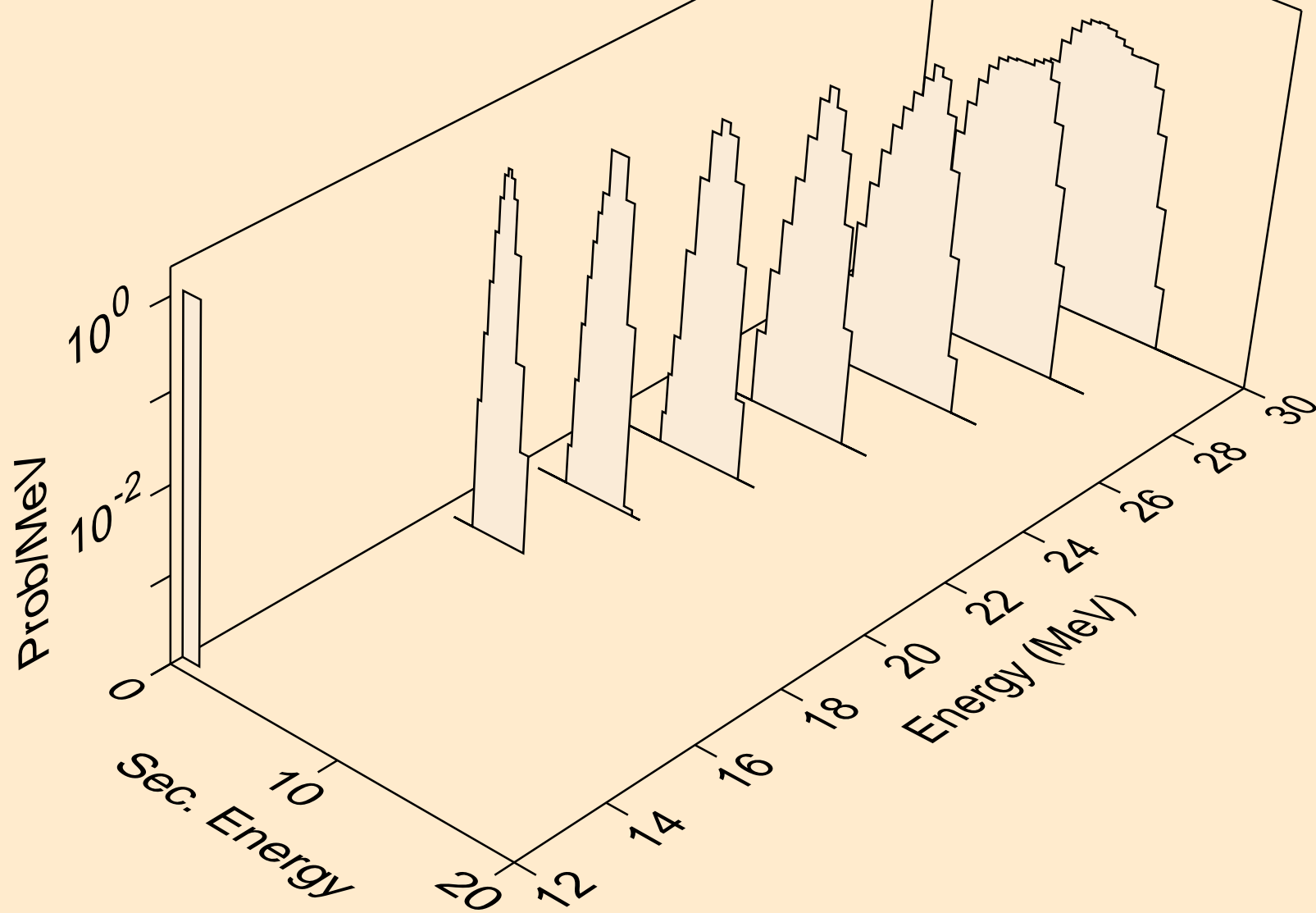
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



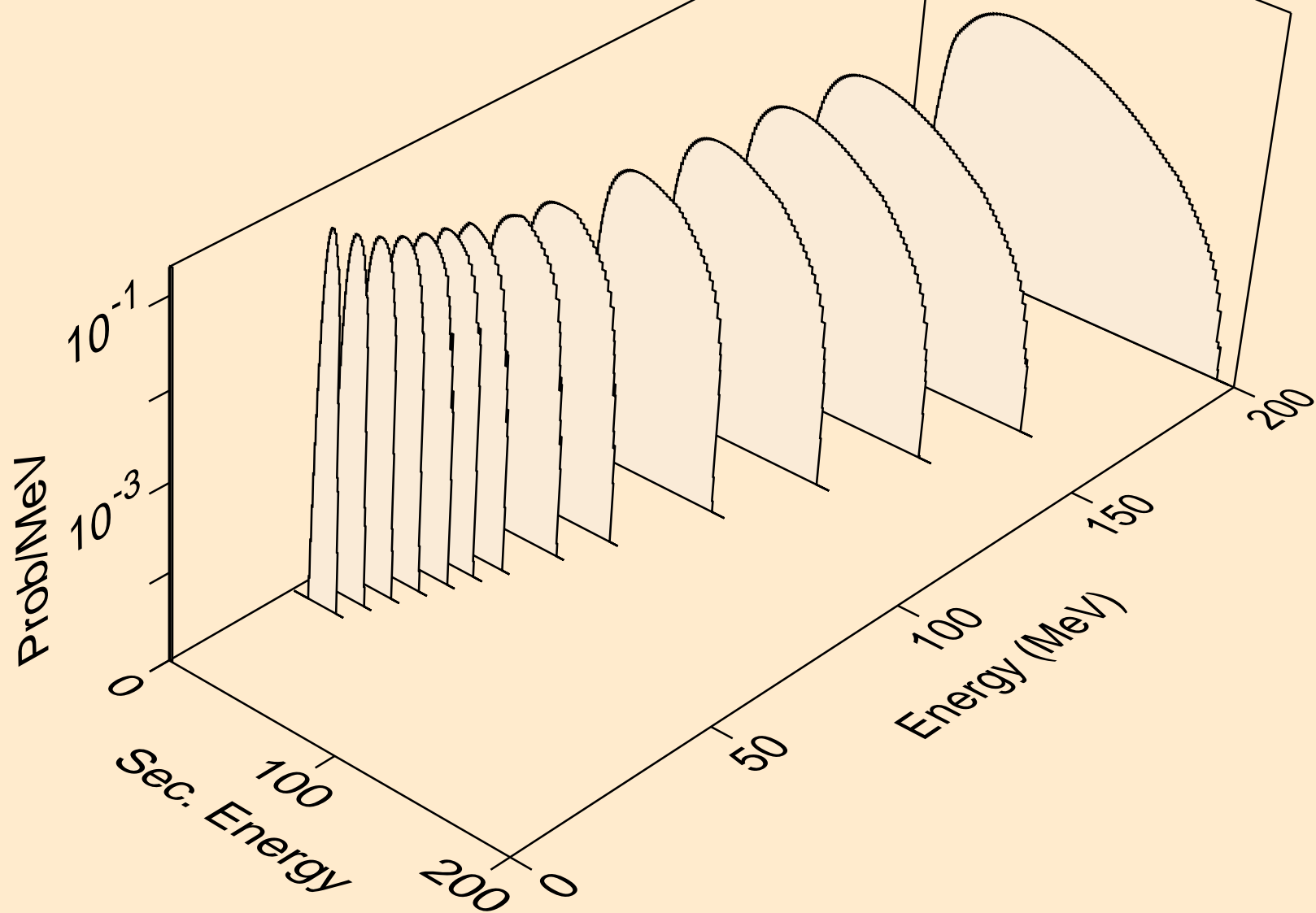
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)

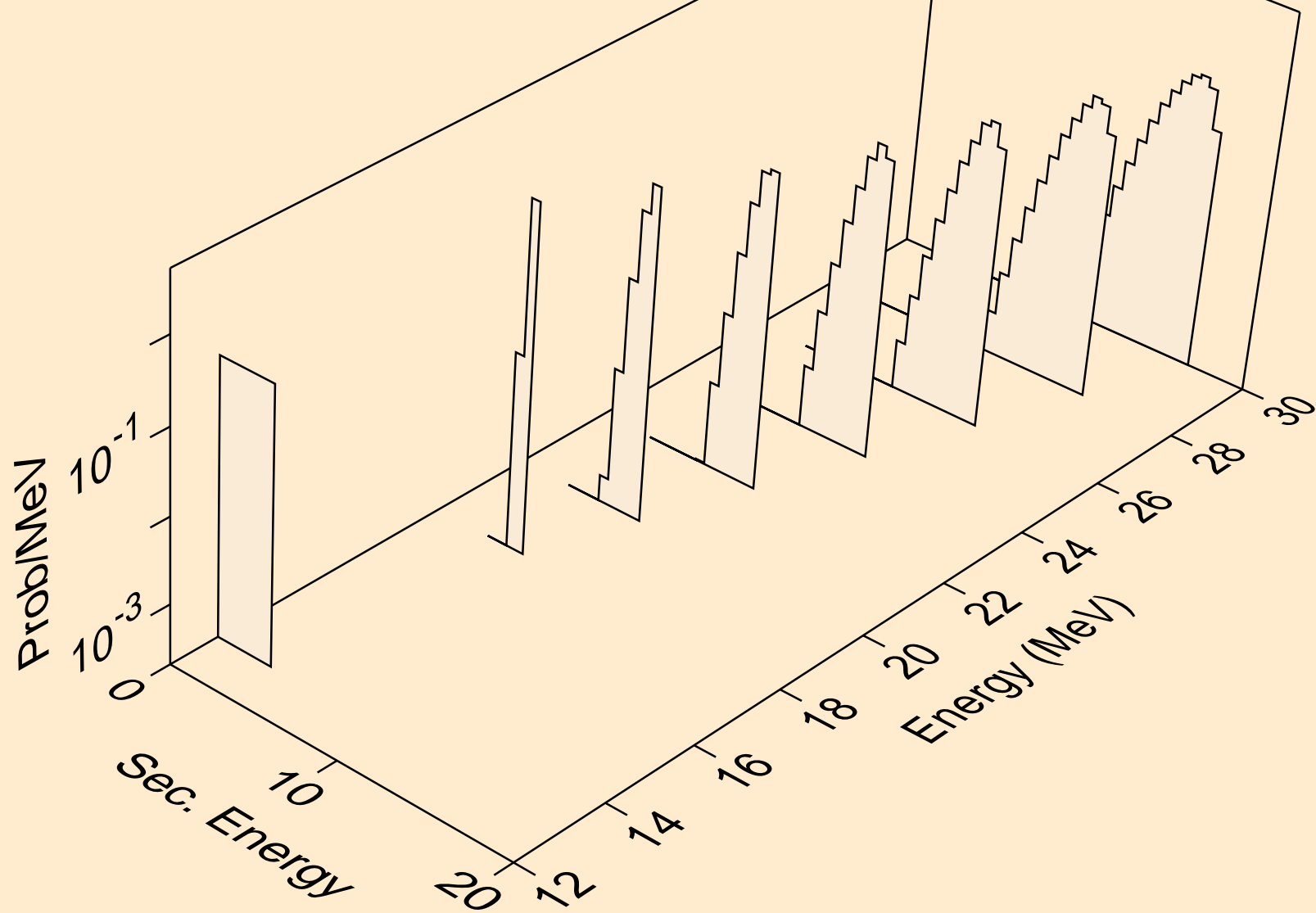


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

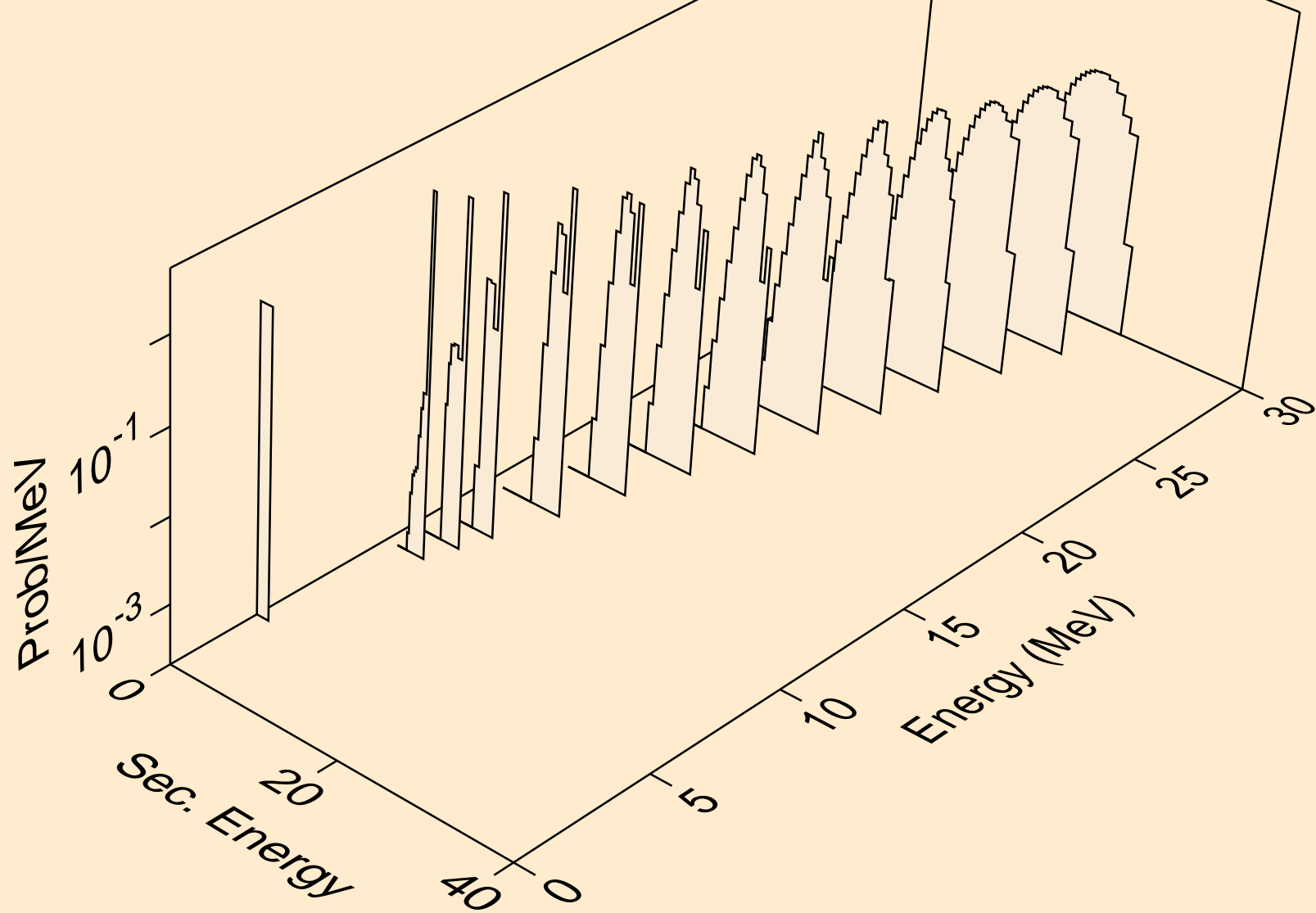




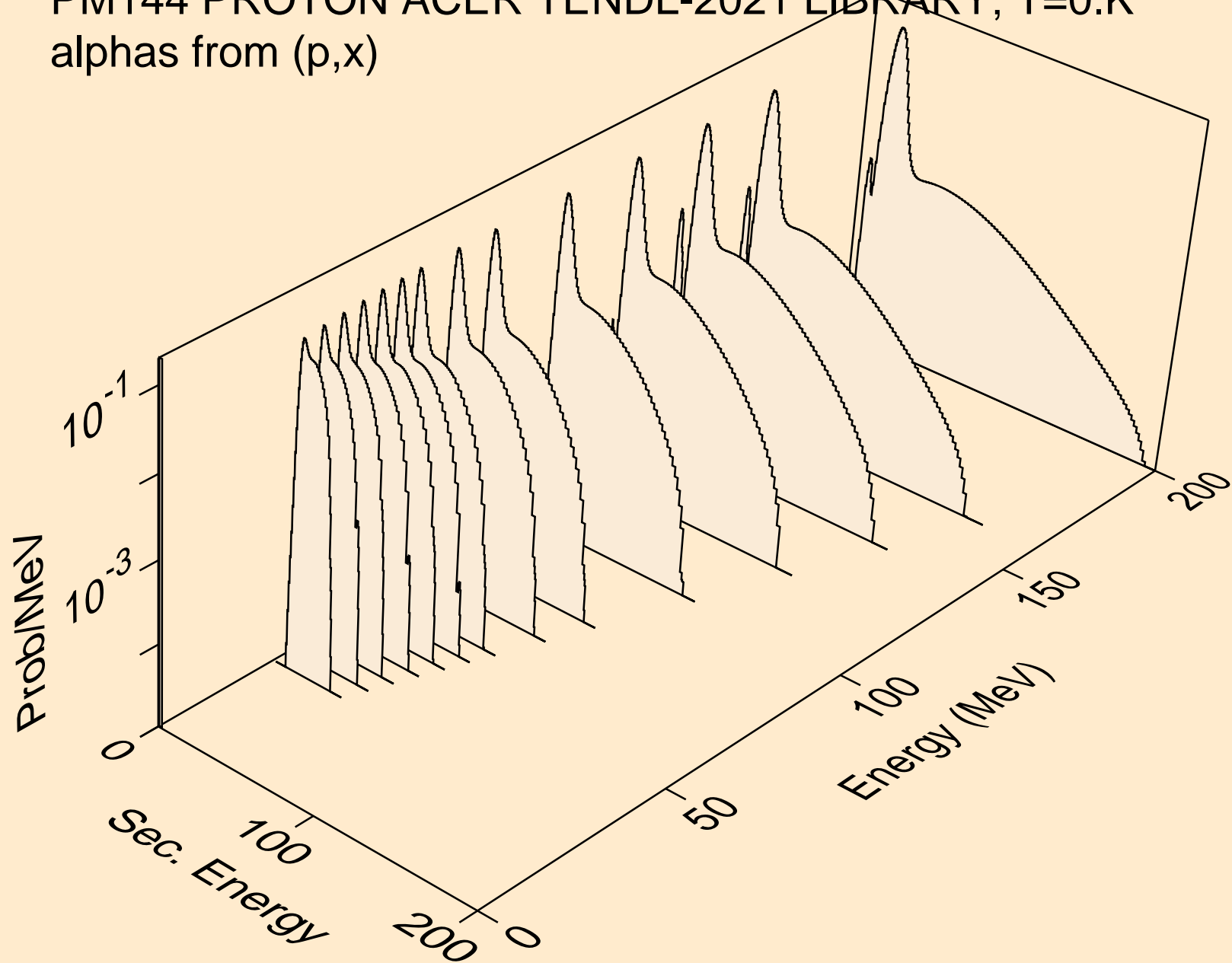
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



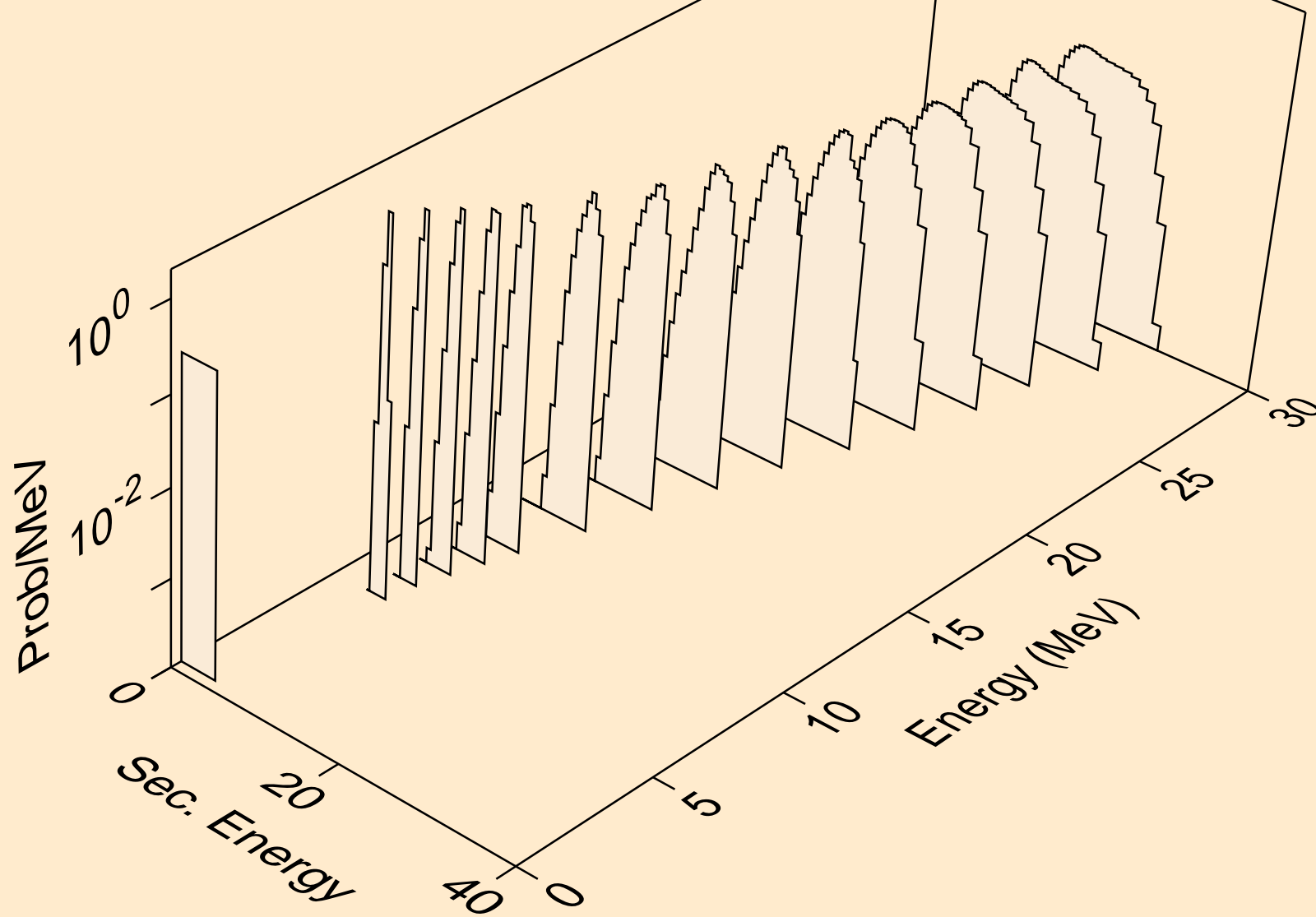
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



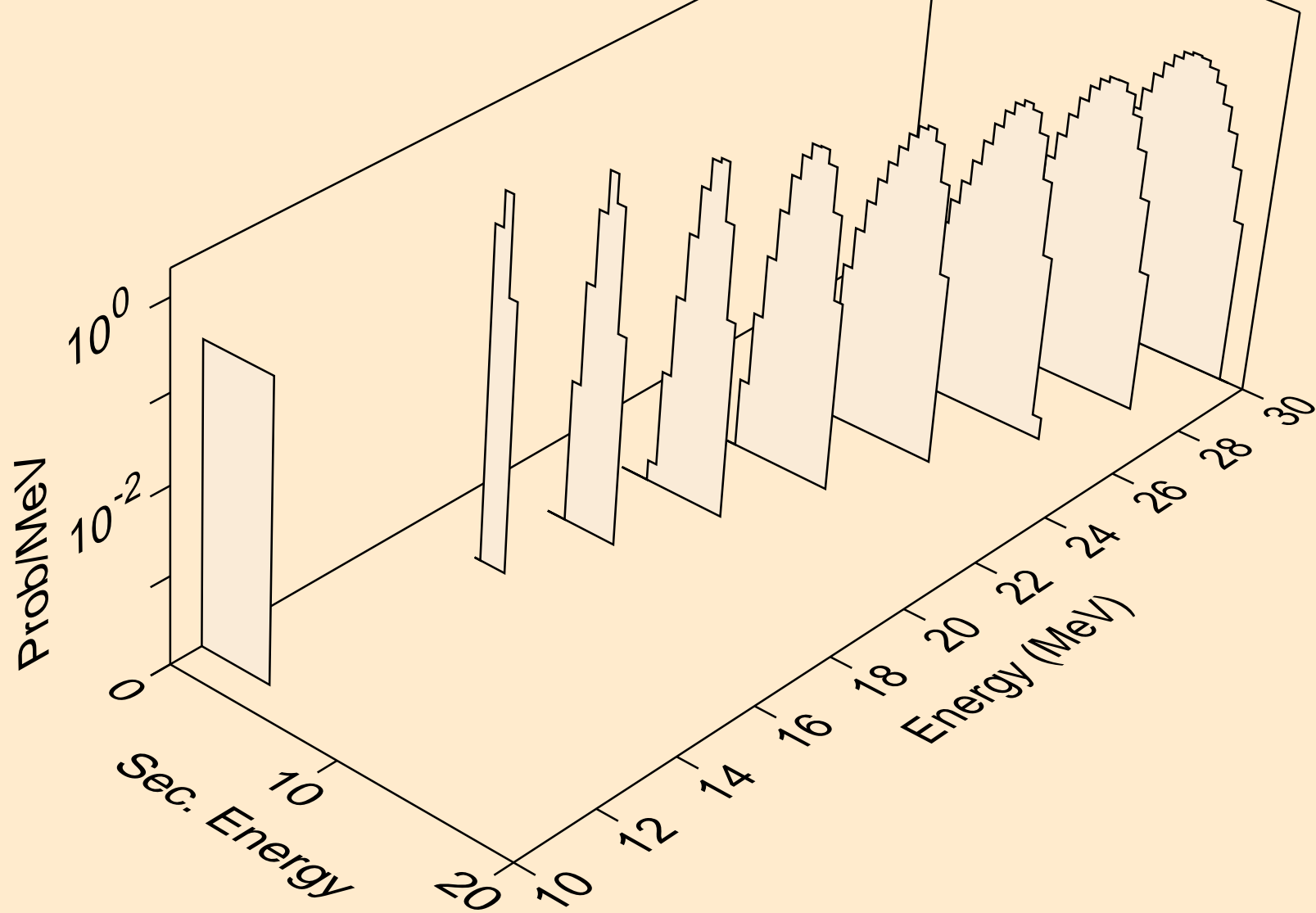
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



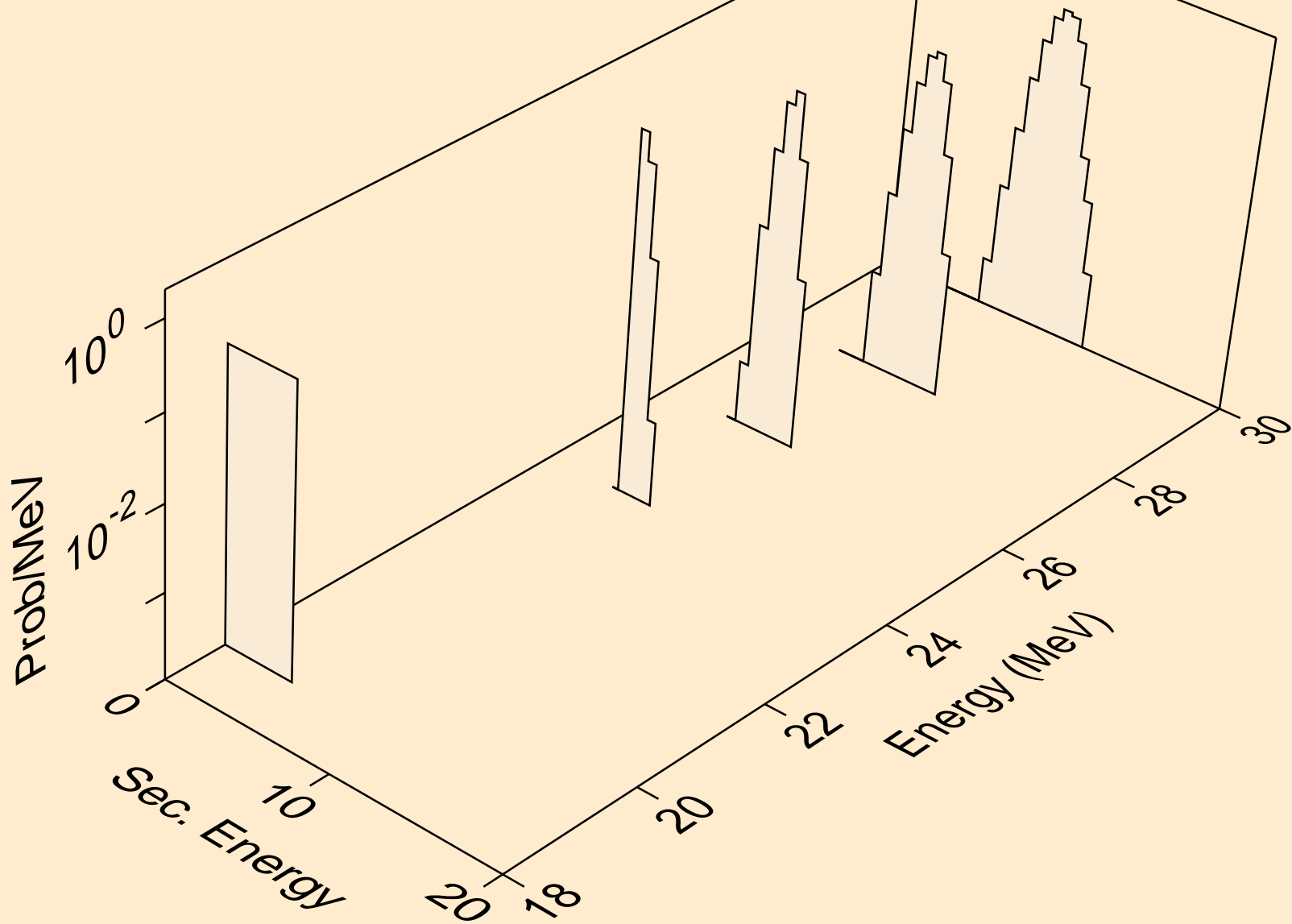
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



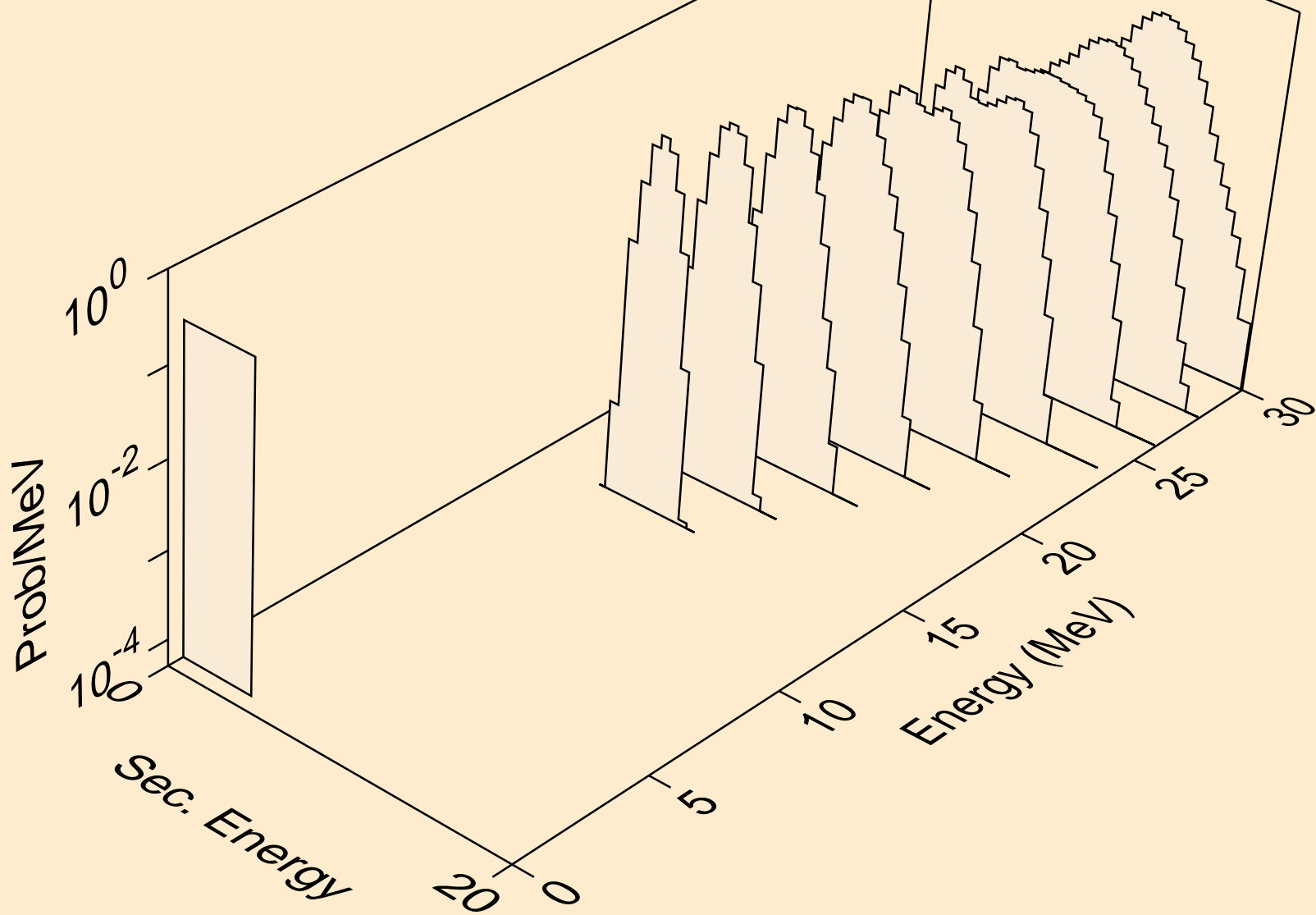
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



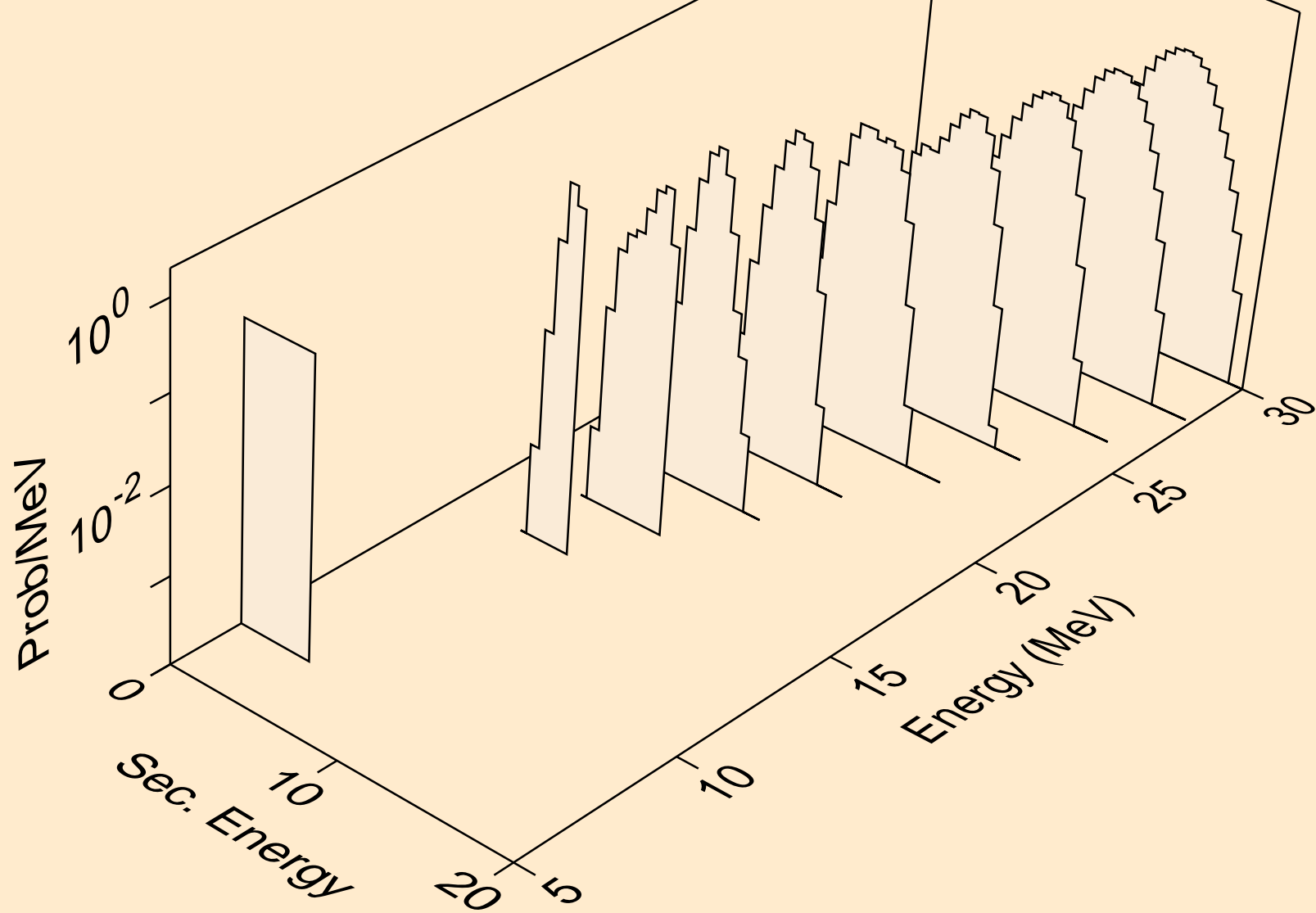
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a

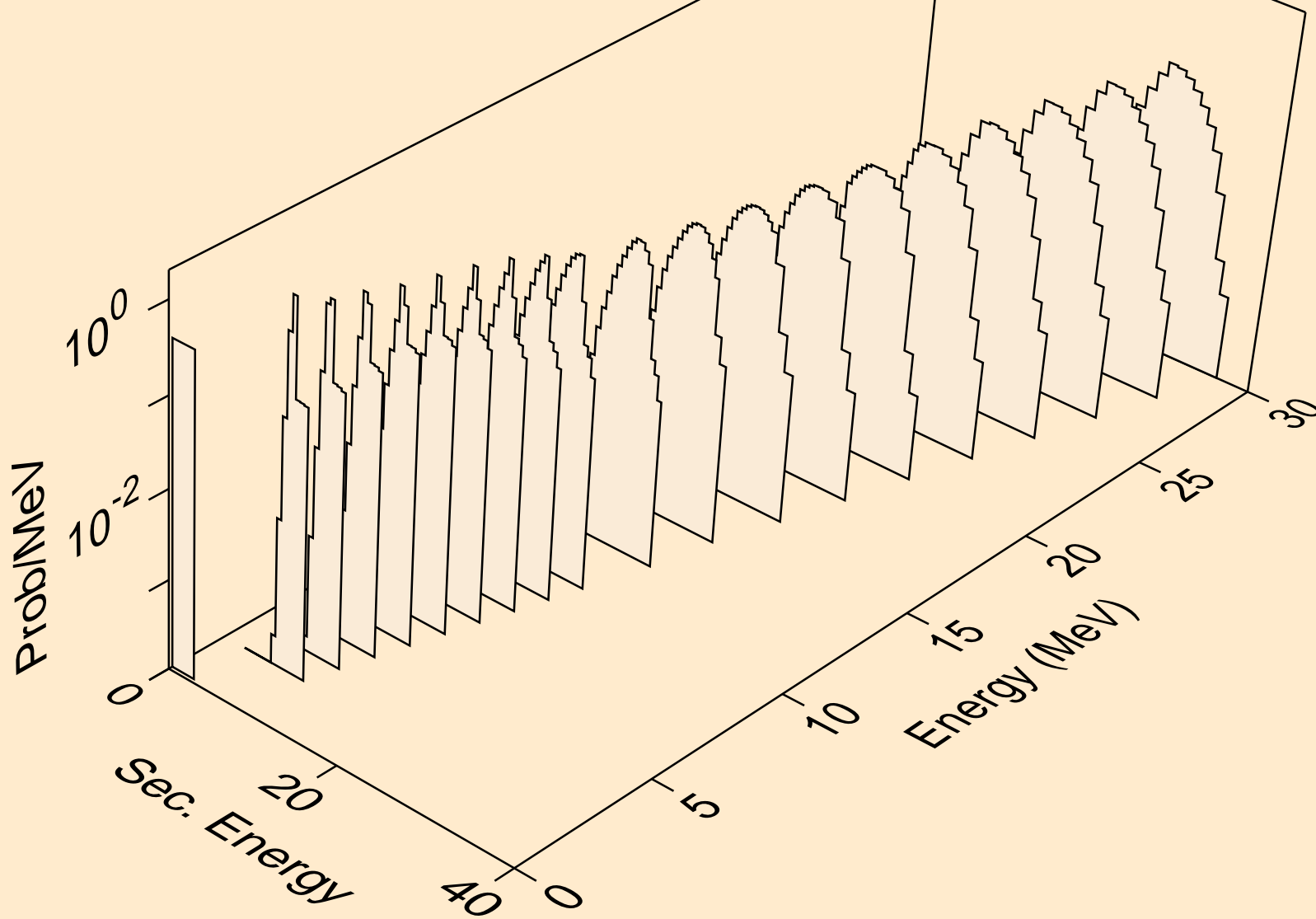


PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

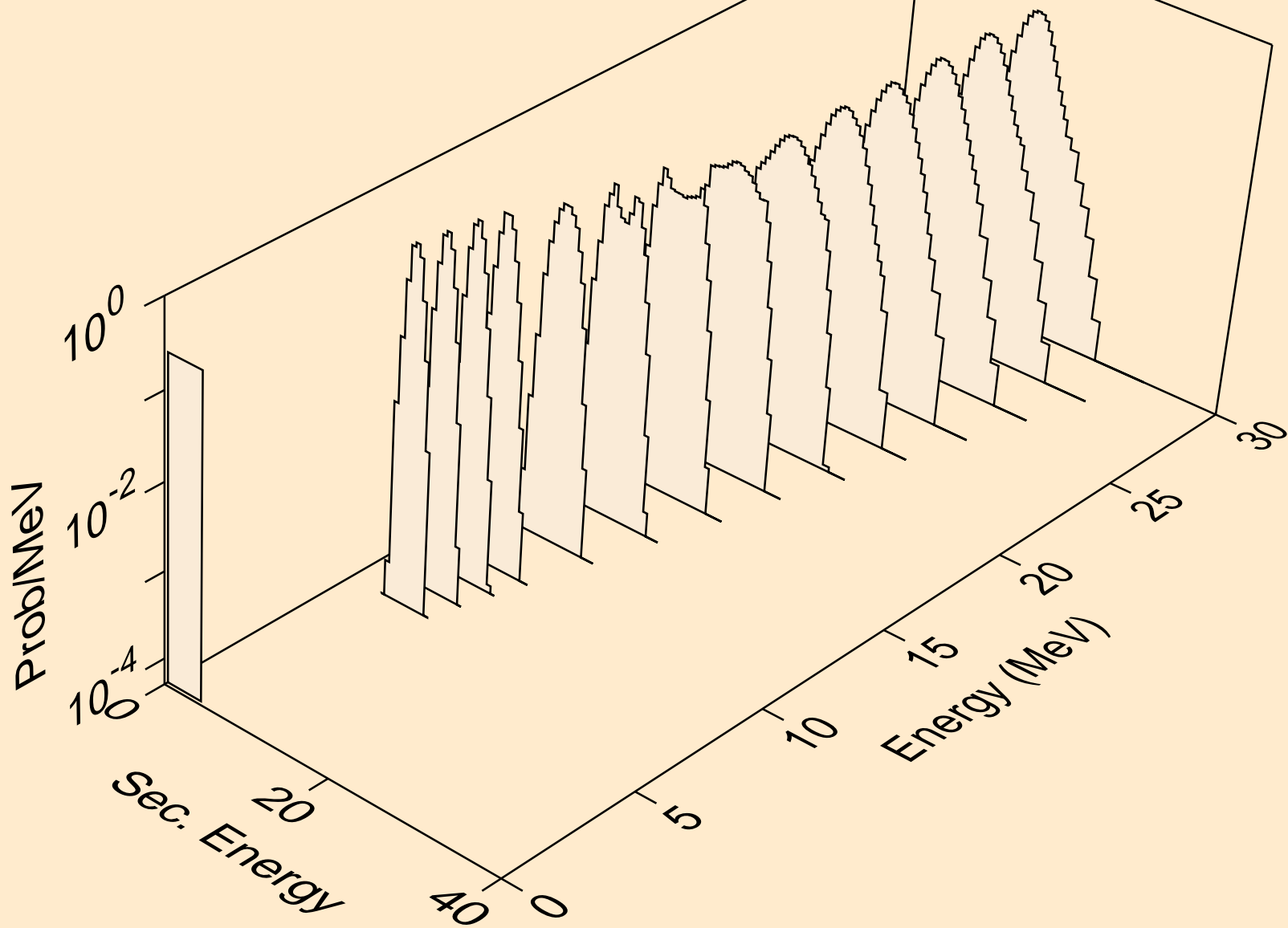




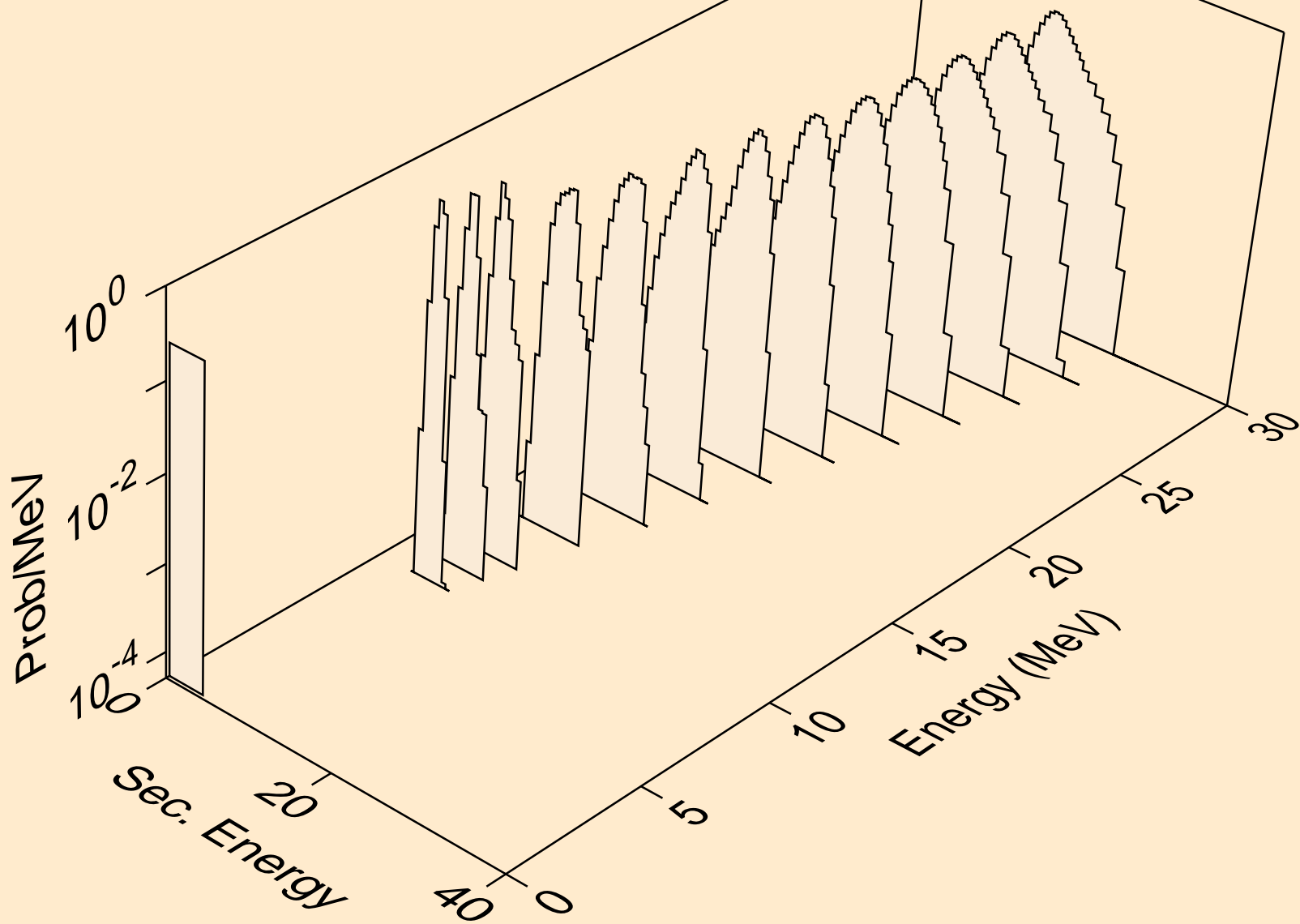
PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



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



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



PM144 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

