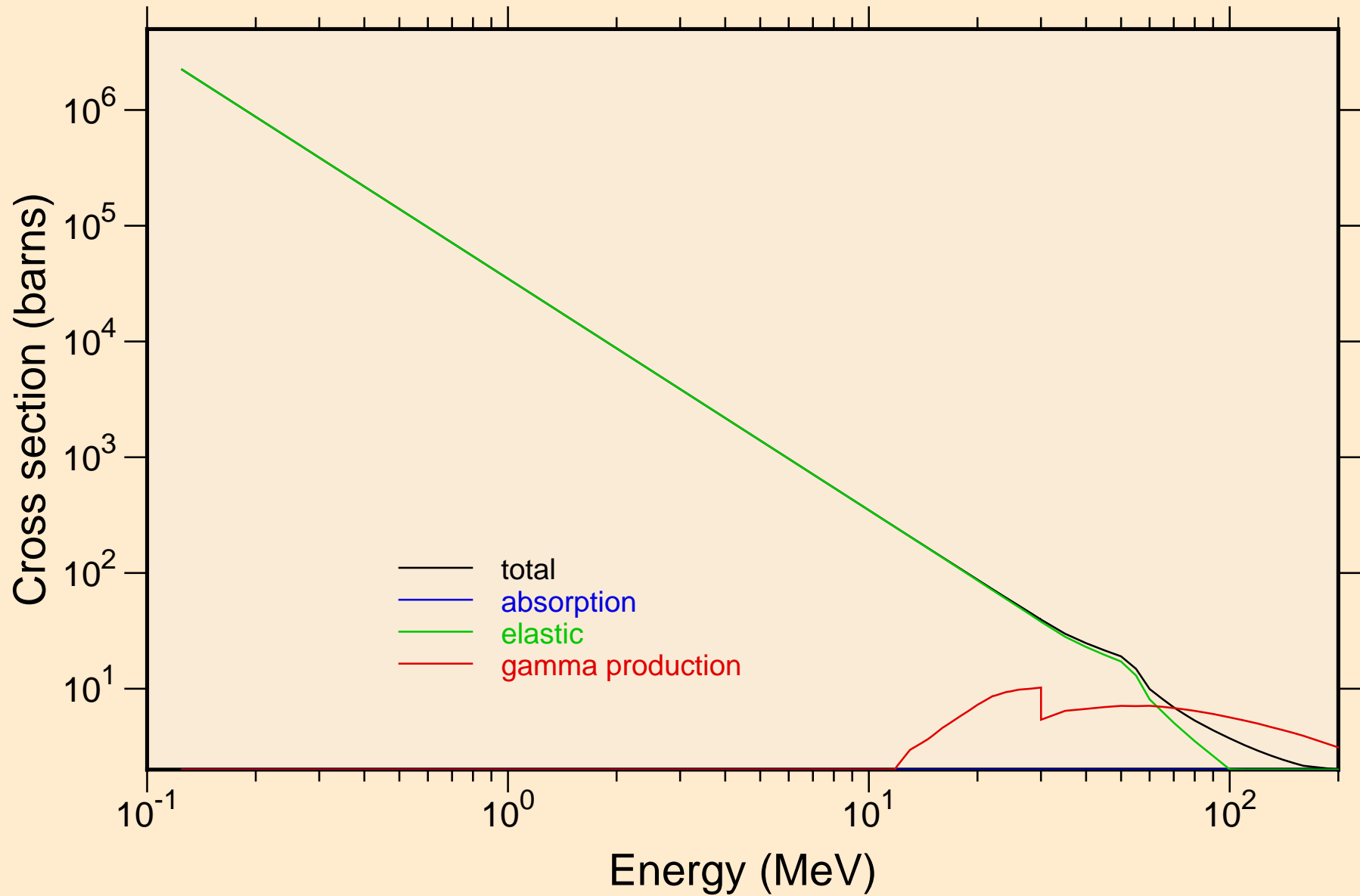


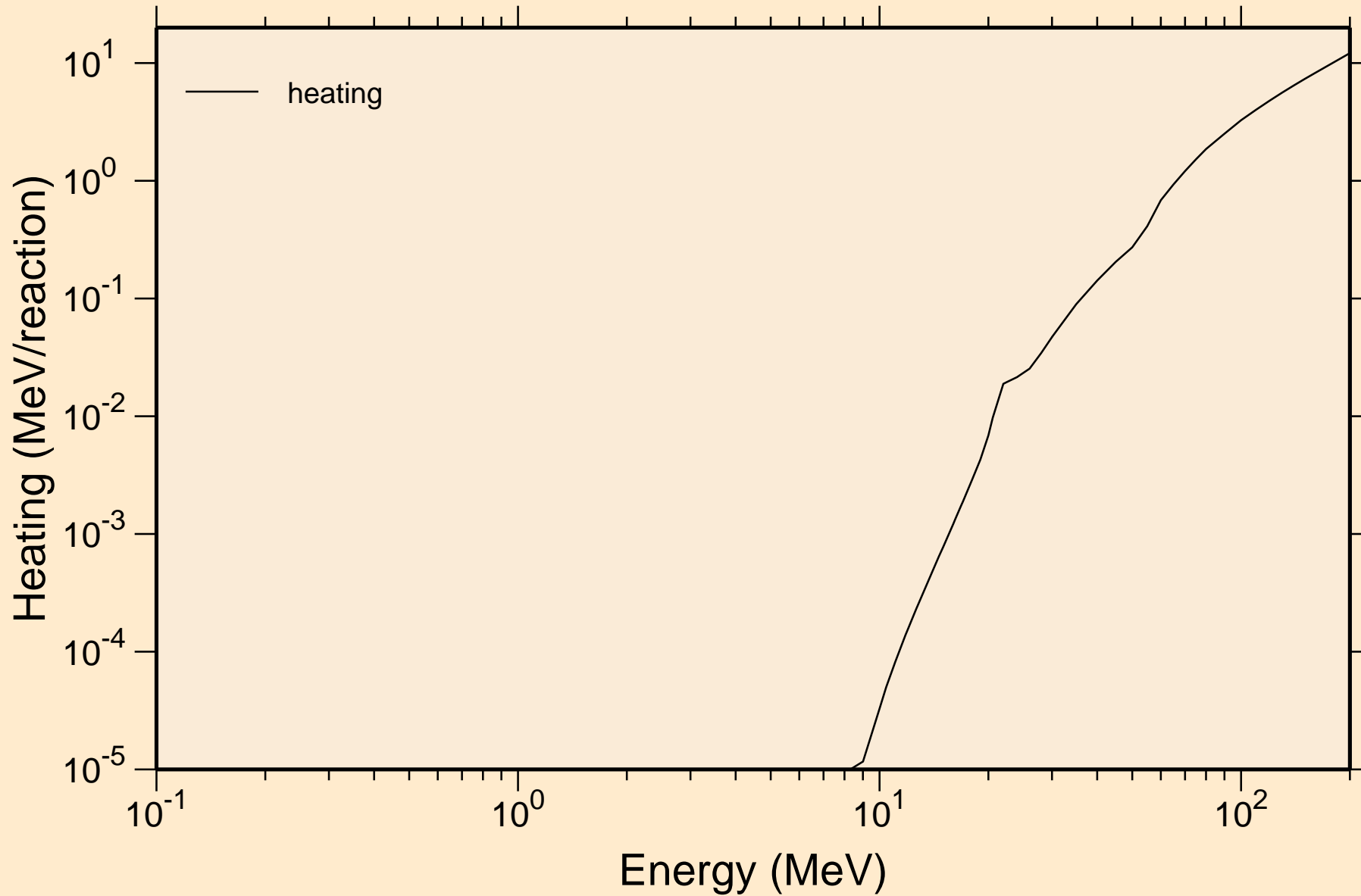
# RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



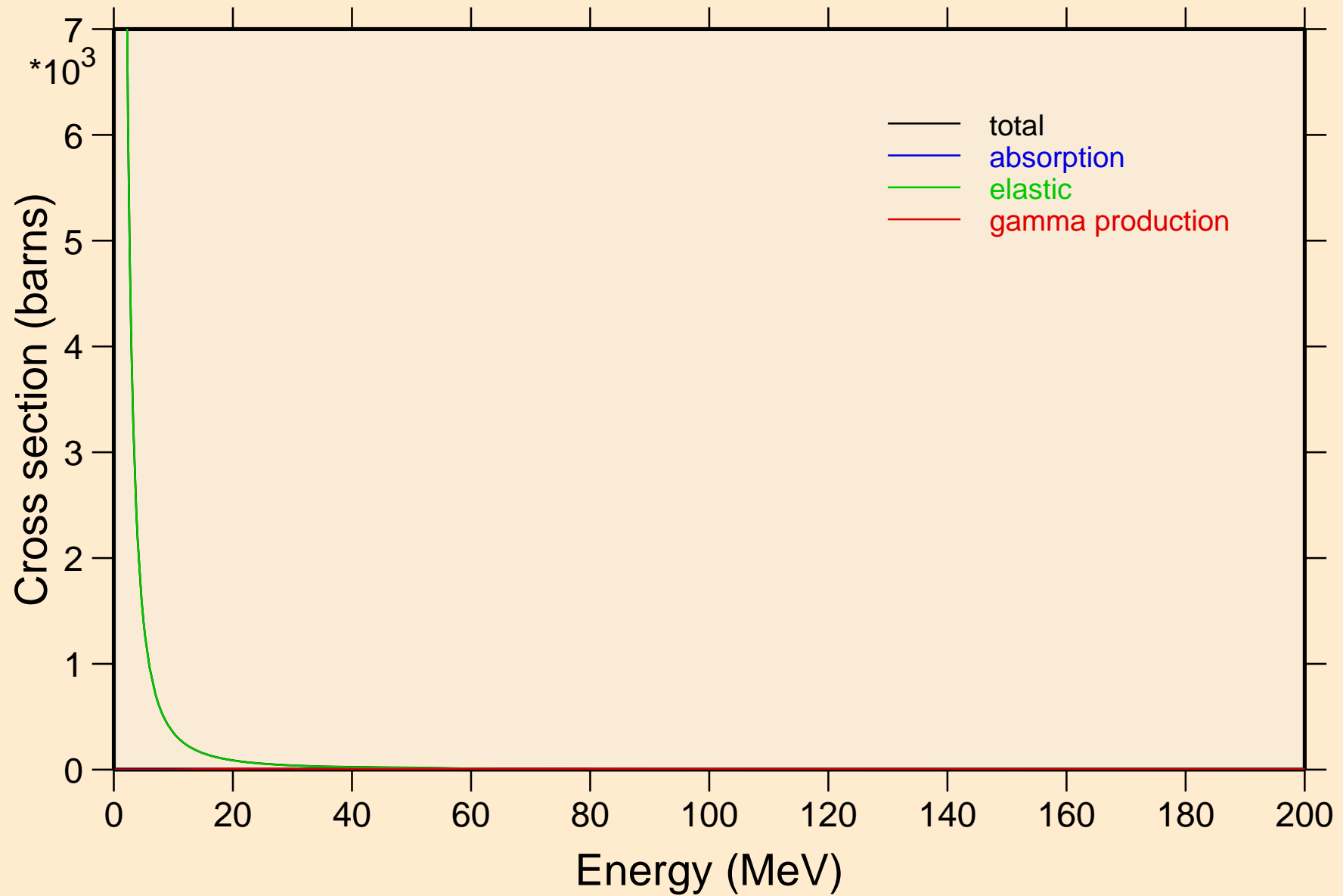
# RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



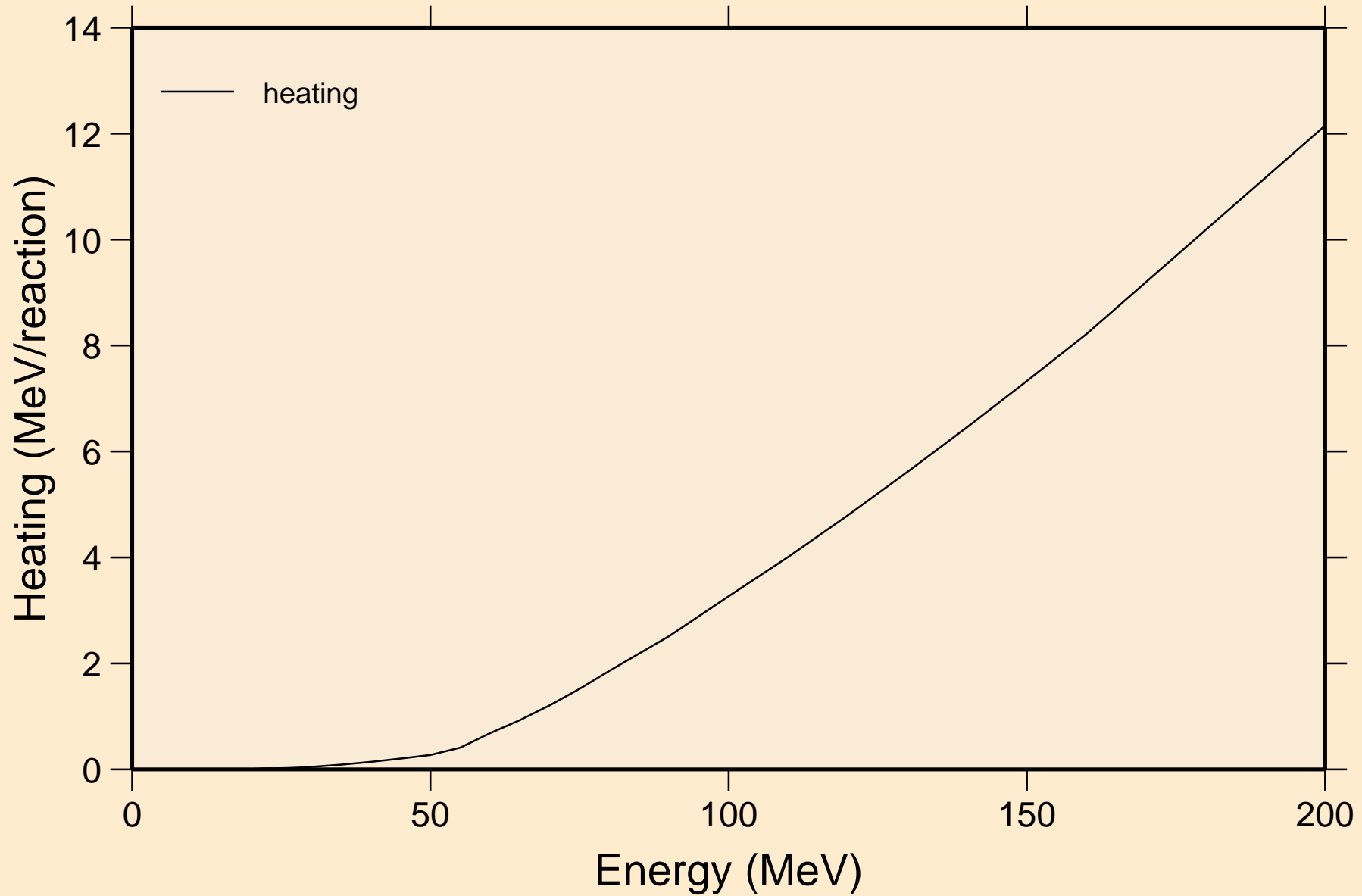
# RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



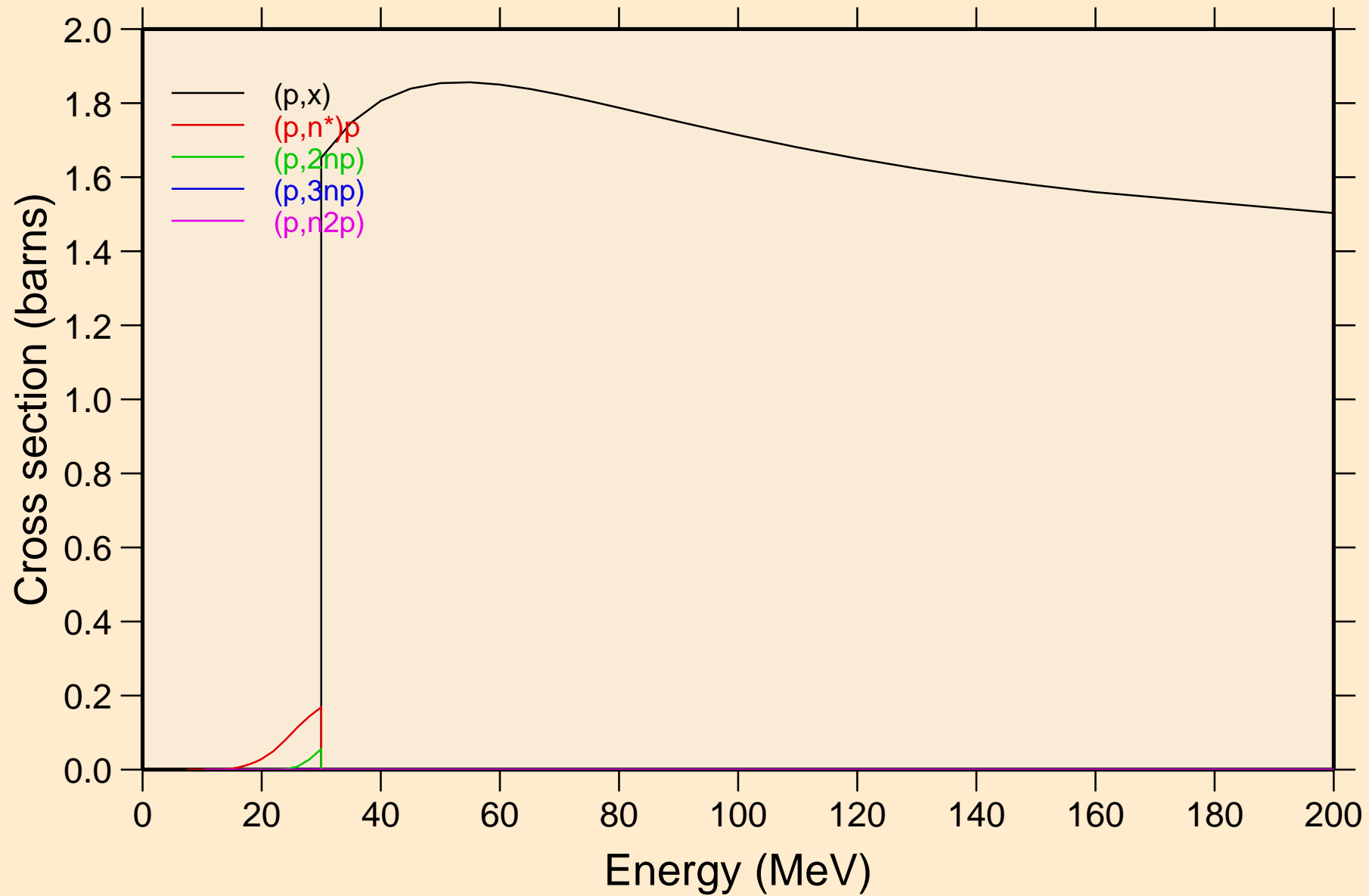
# RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

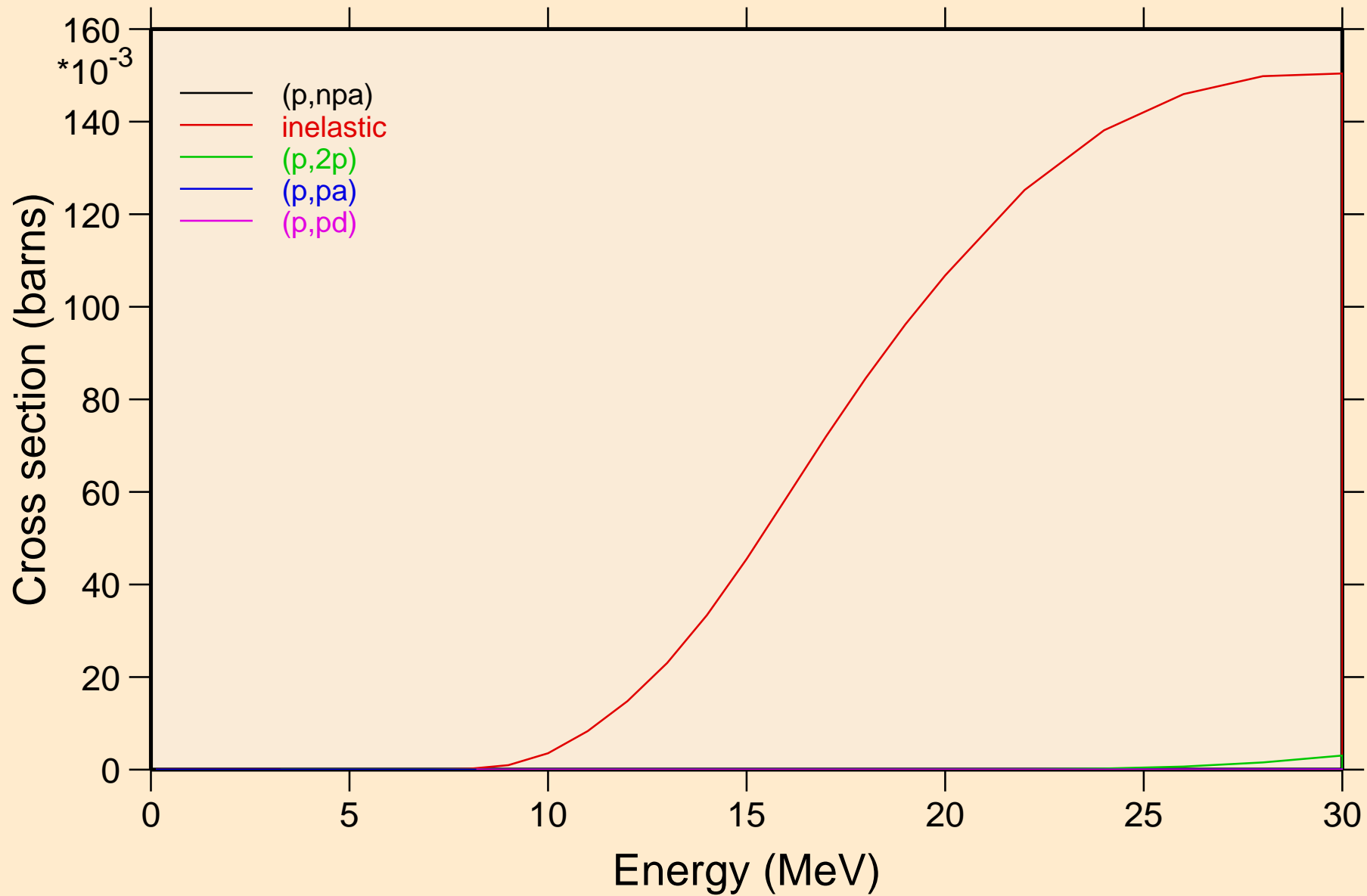


# RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

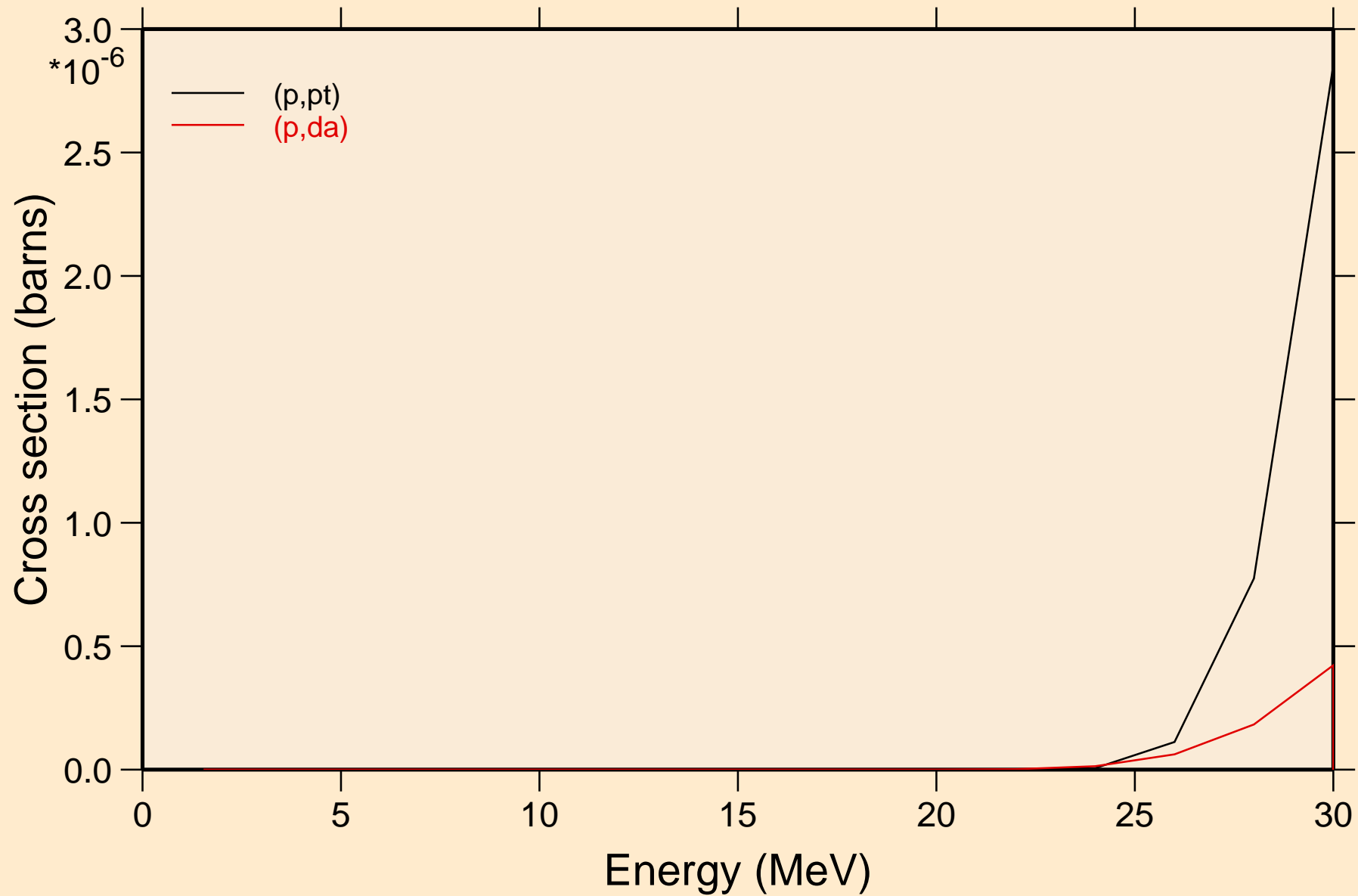
## Threshold reactions



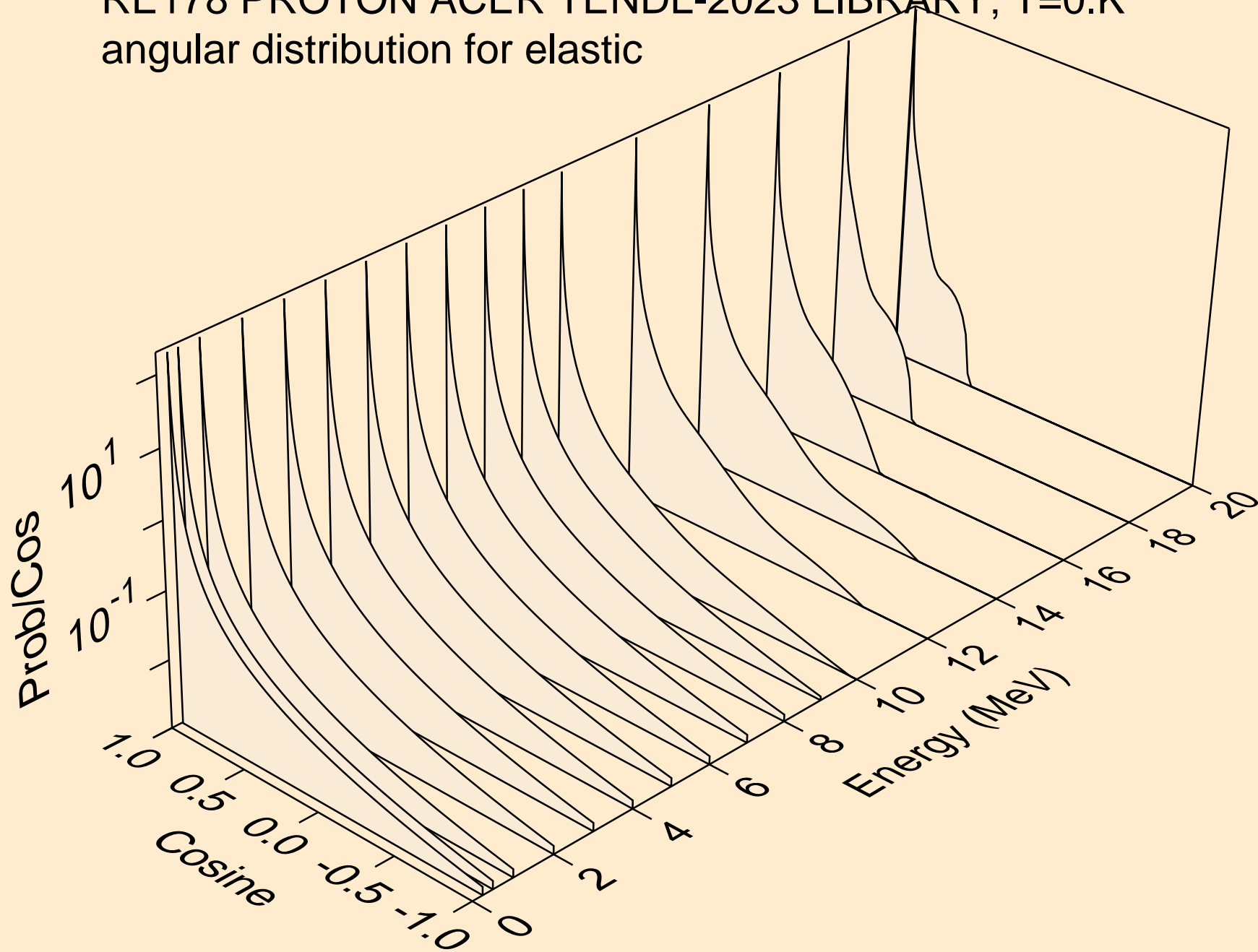
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

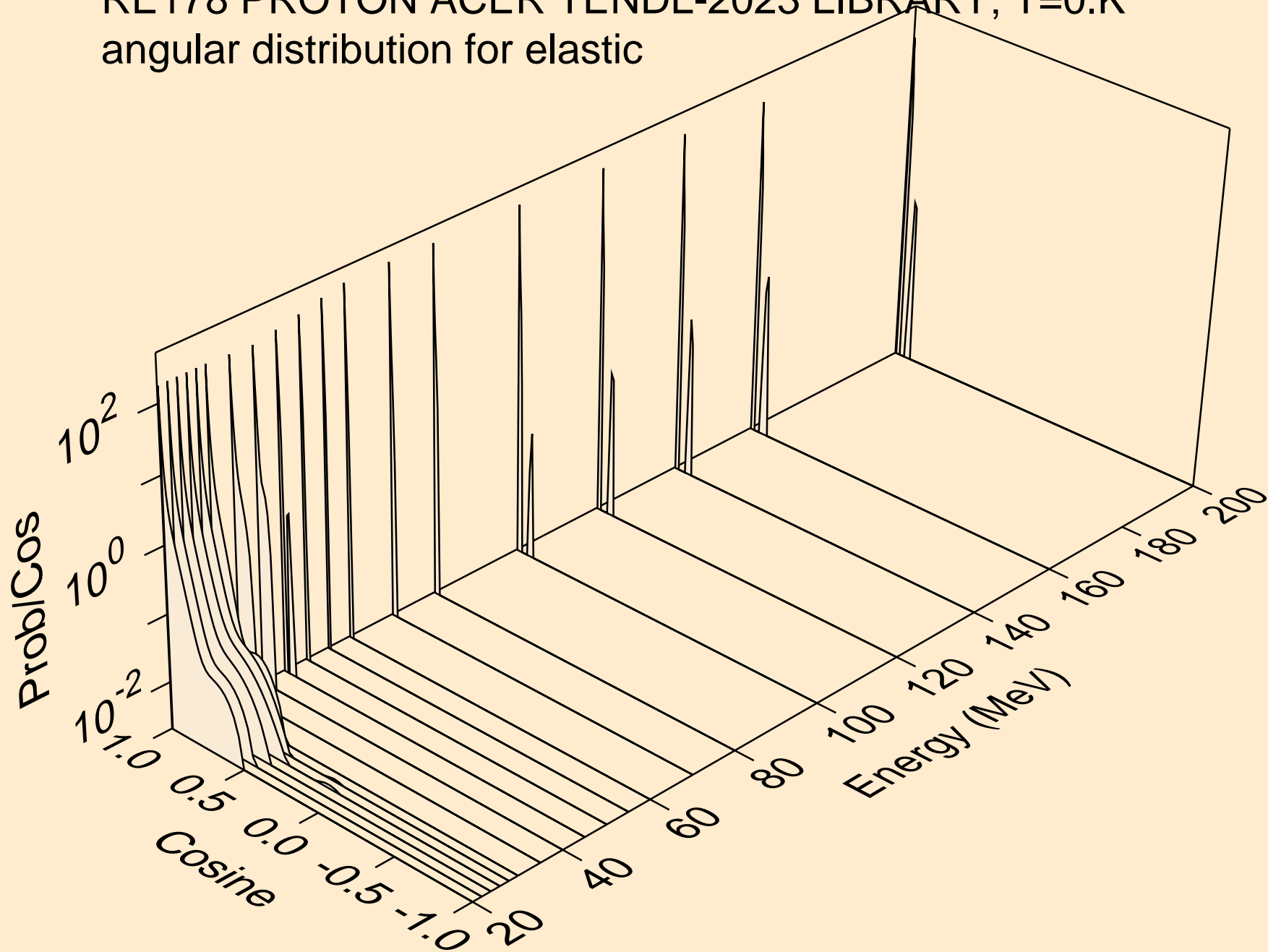


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

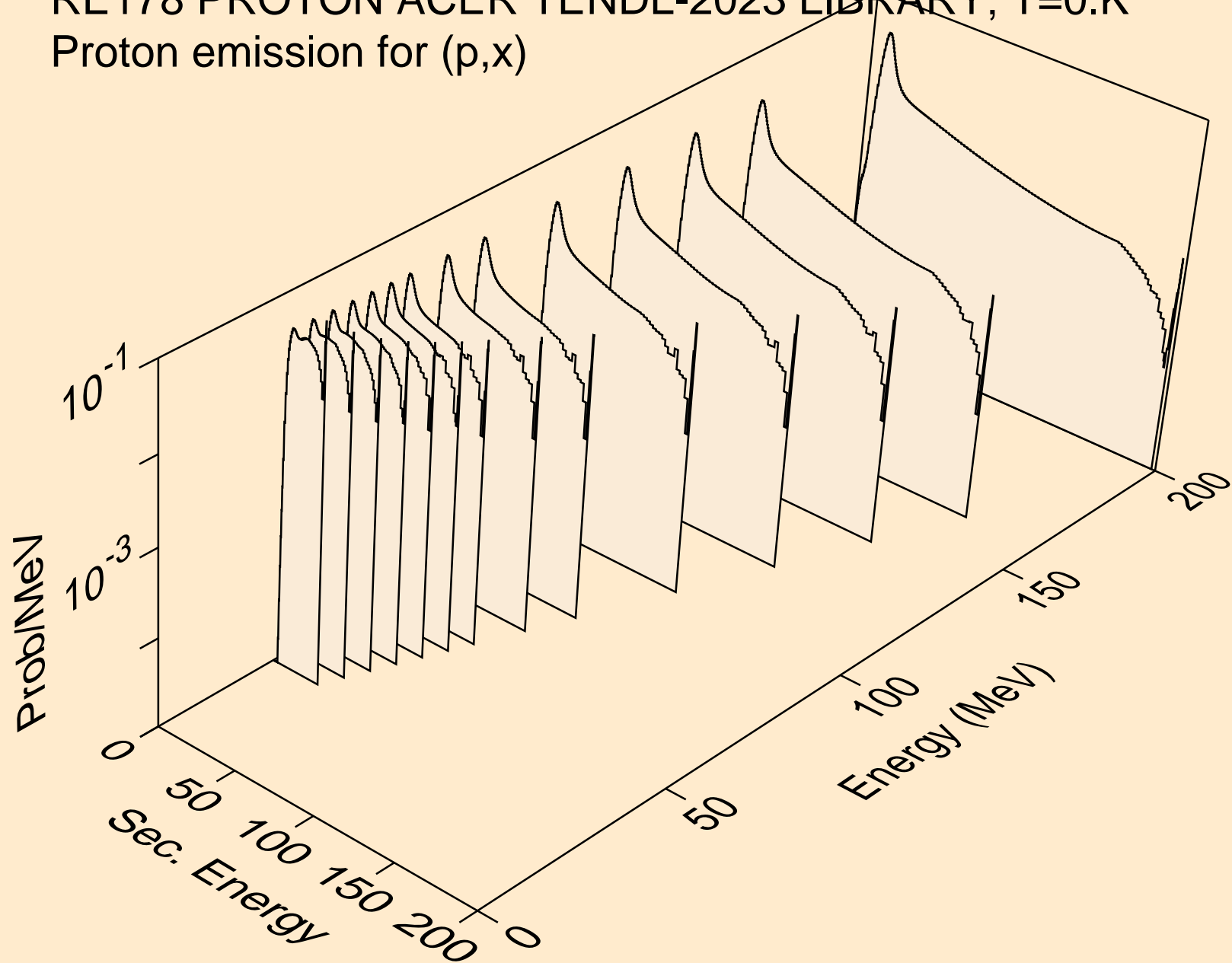




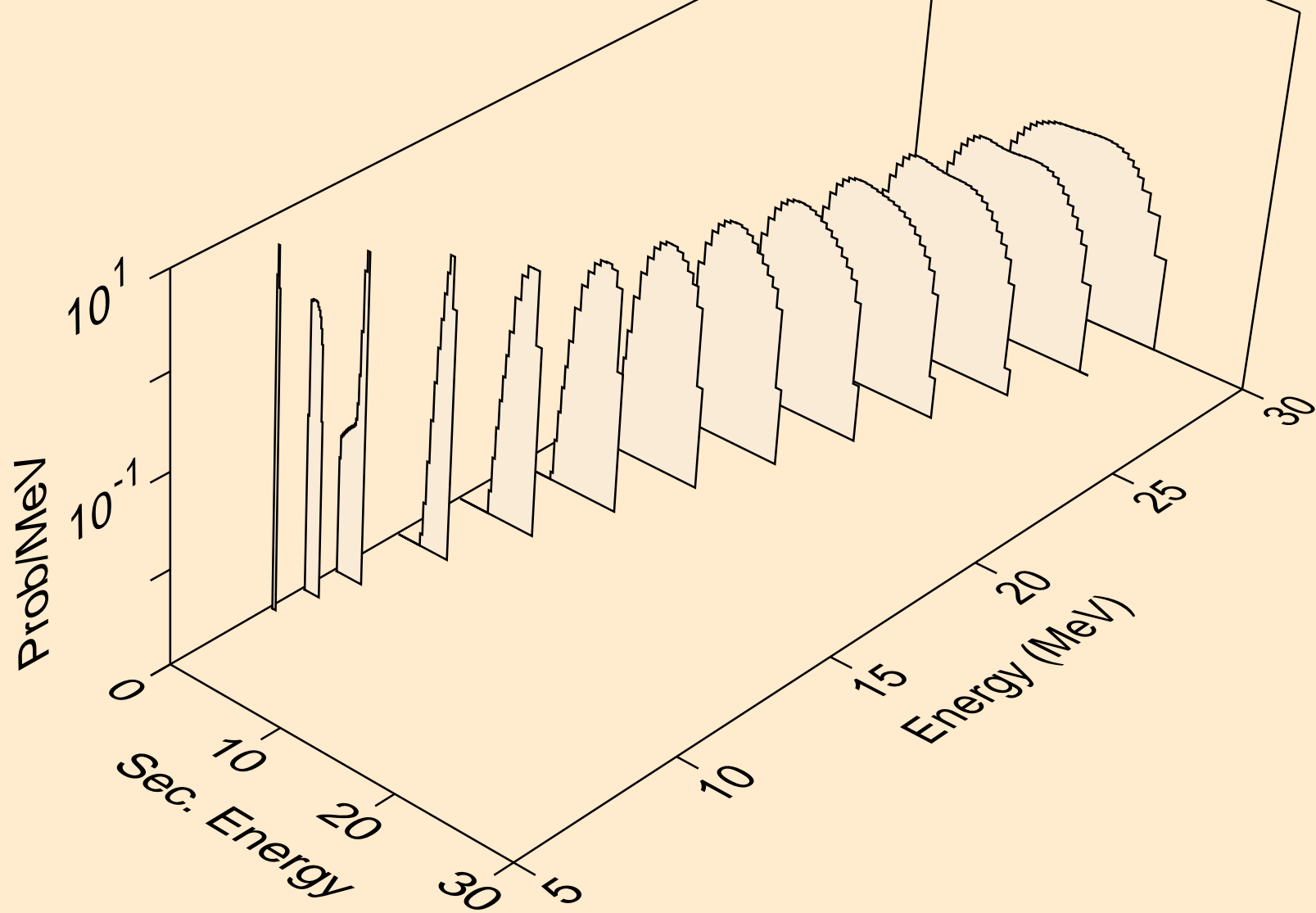
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



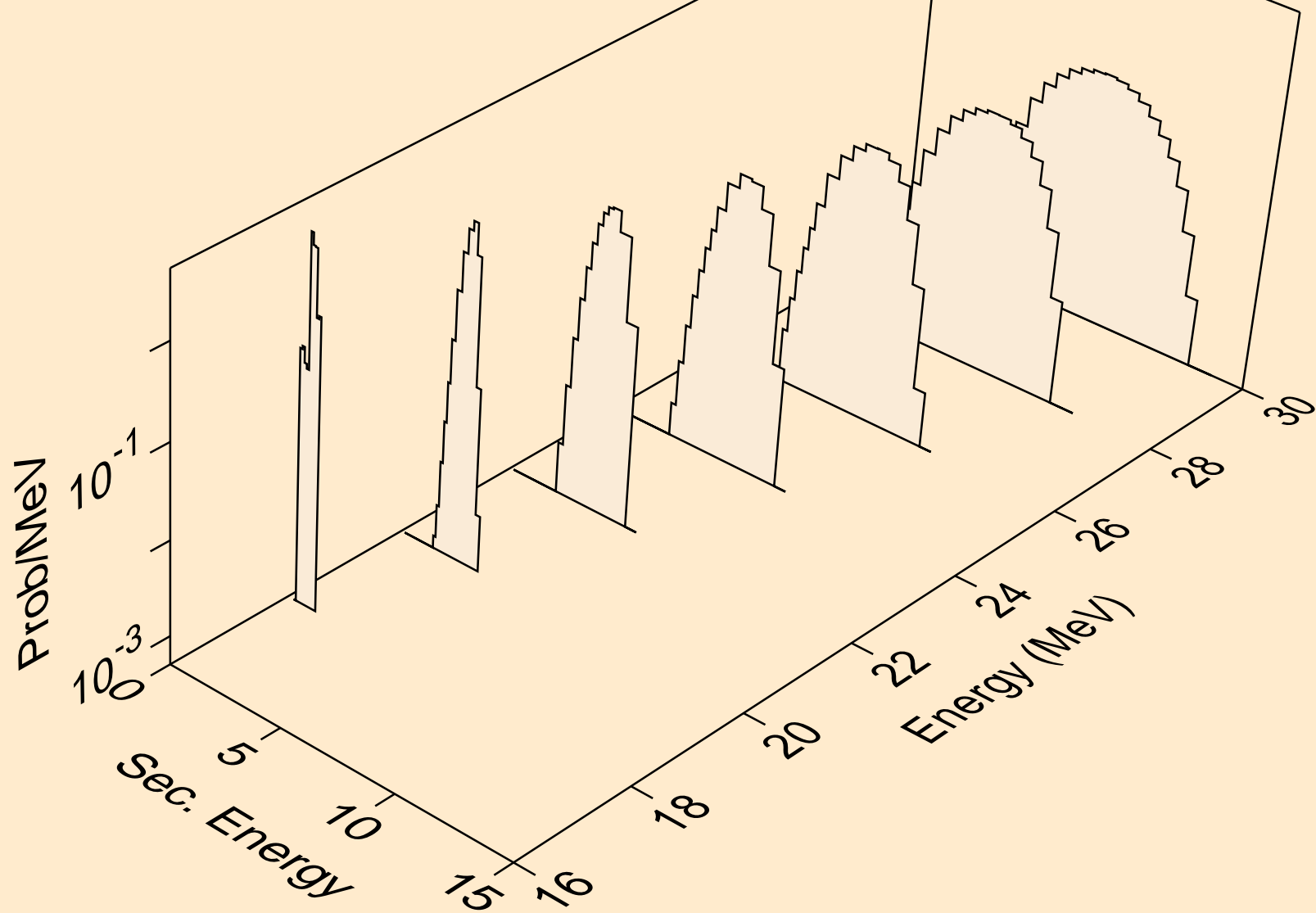
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



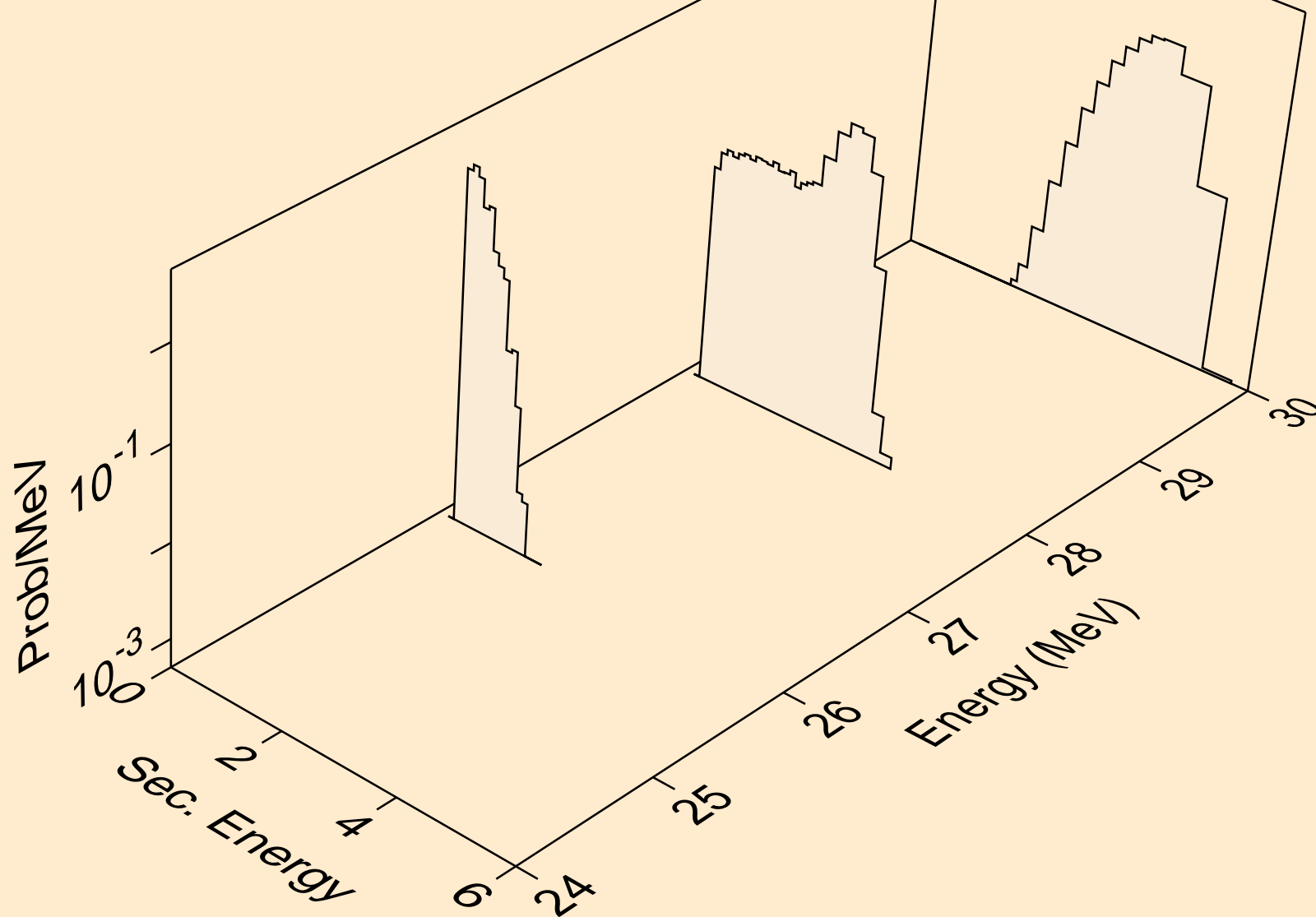
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



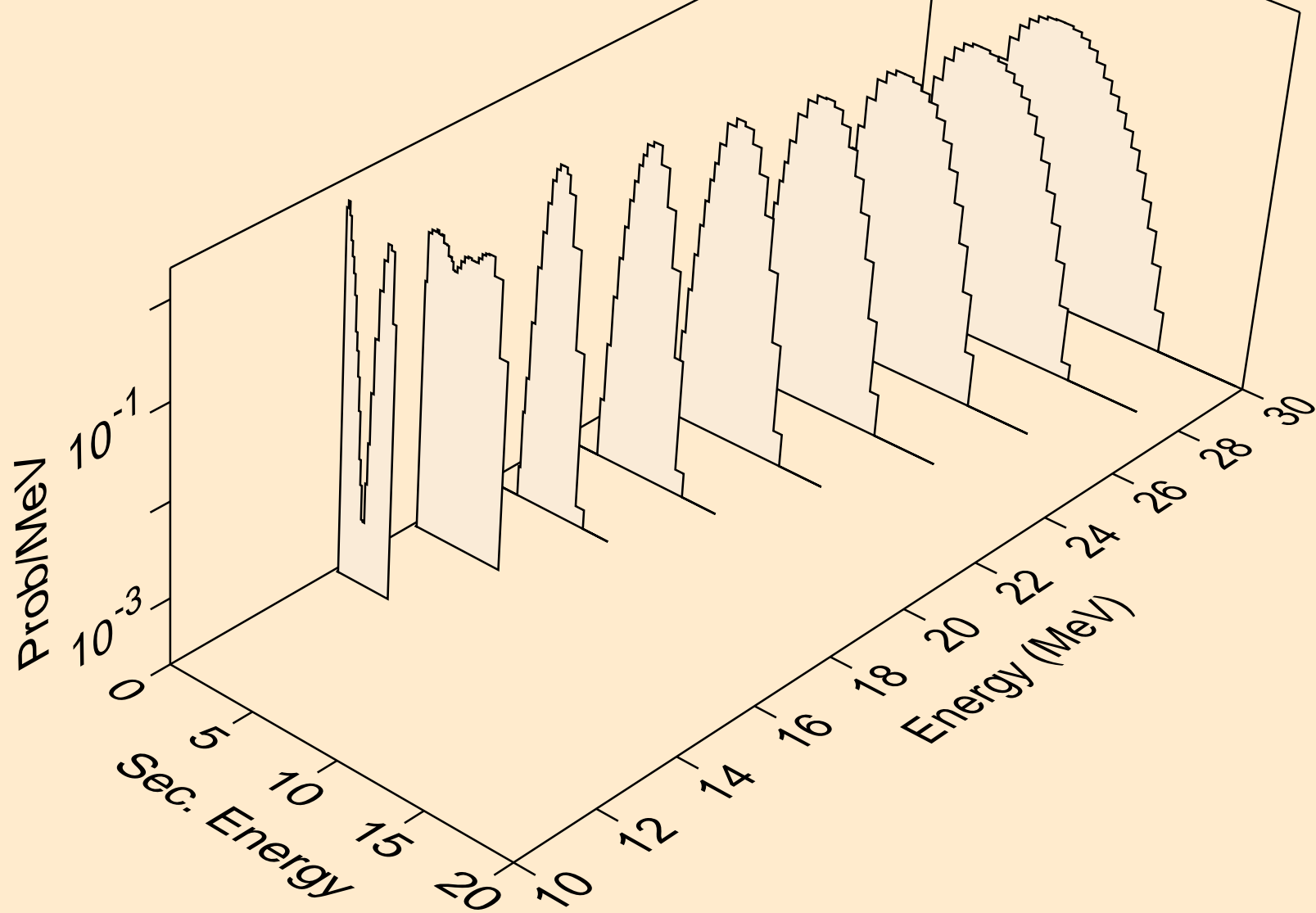
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



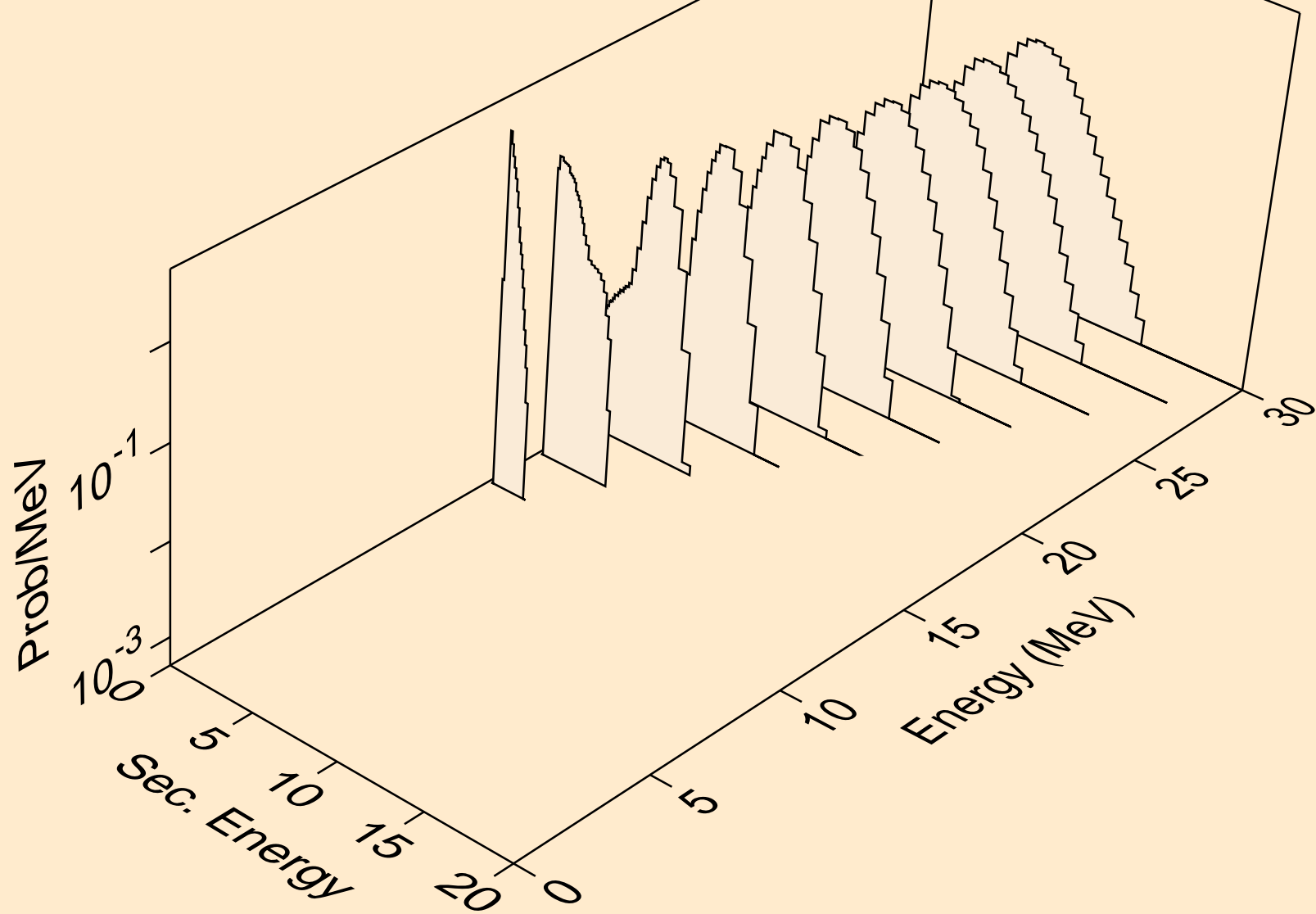
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



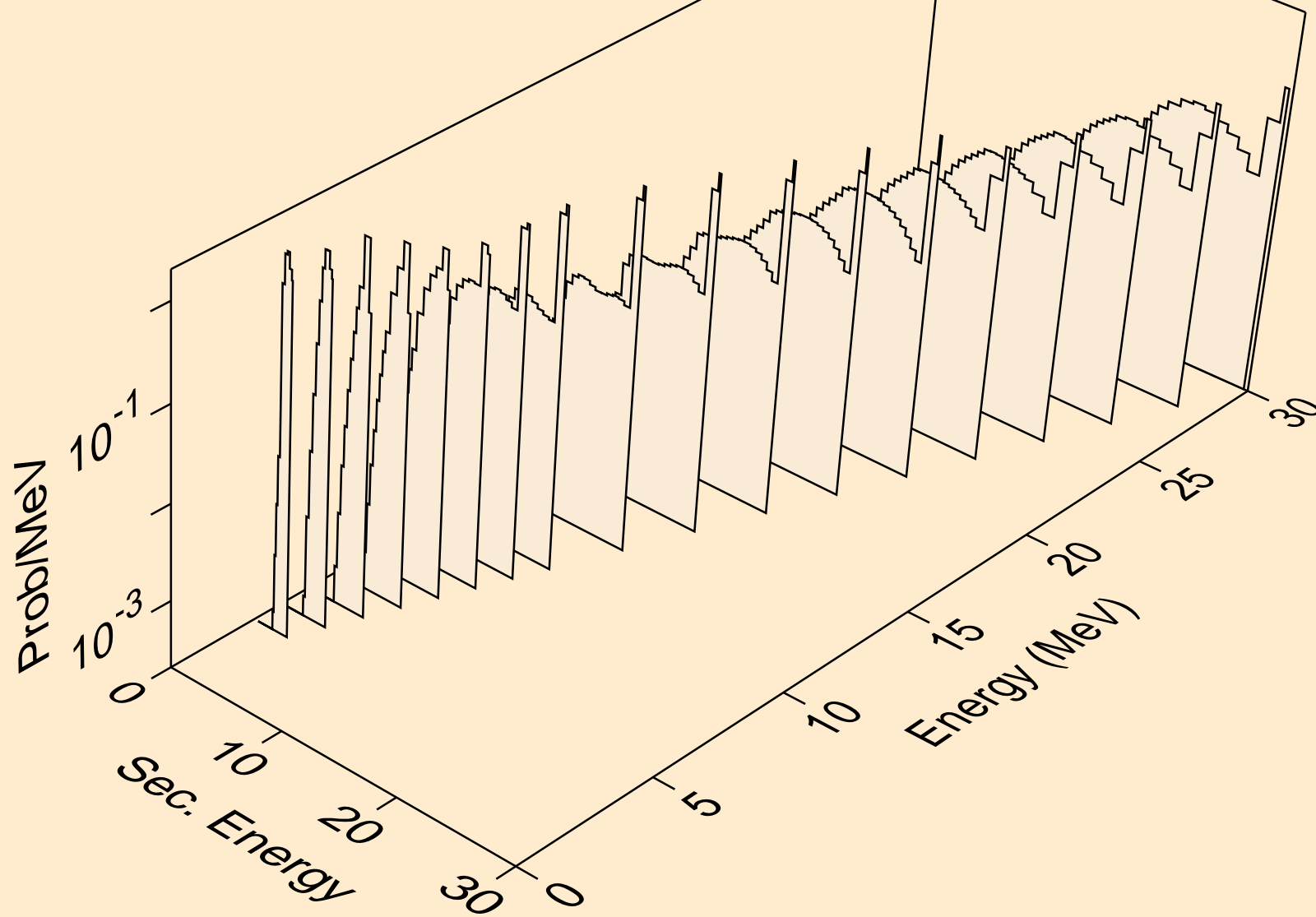
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

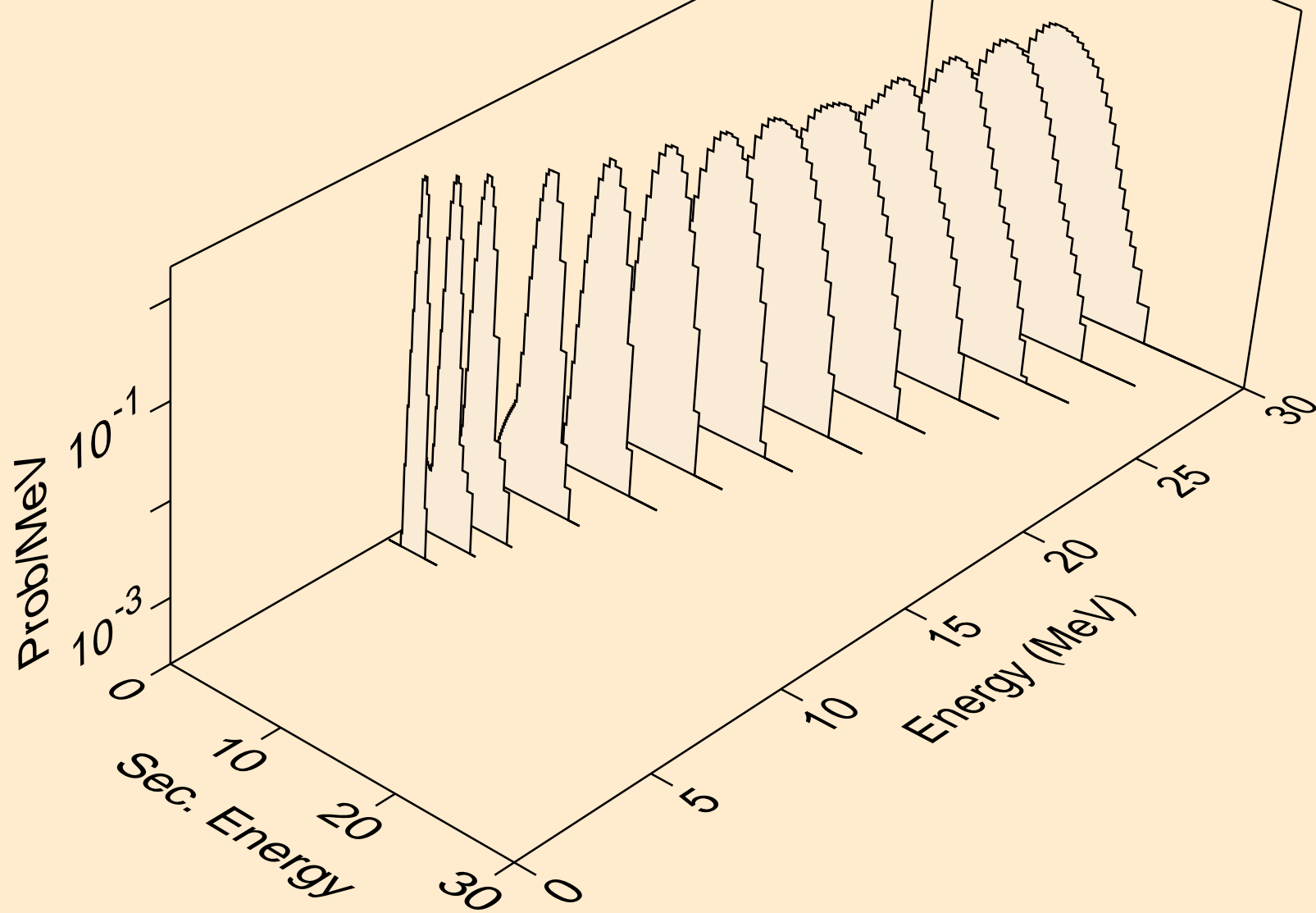


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

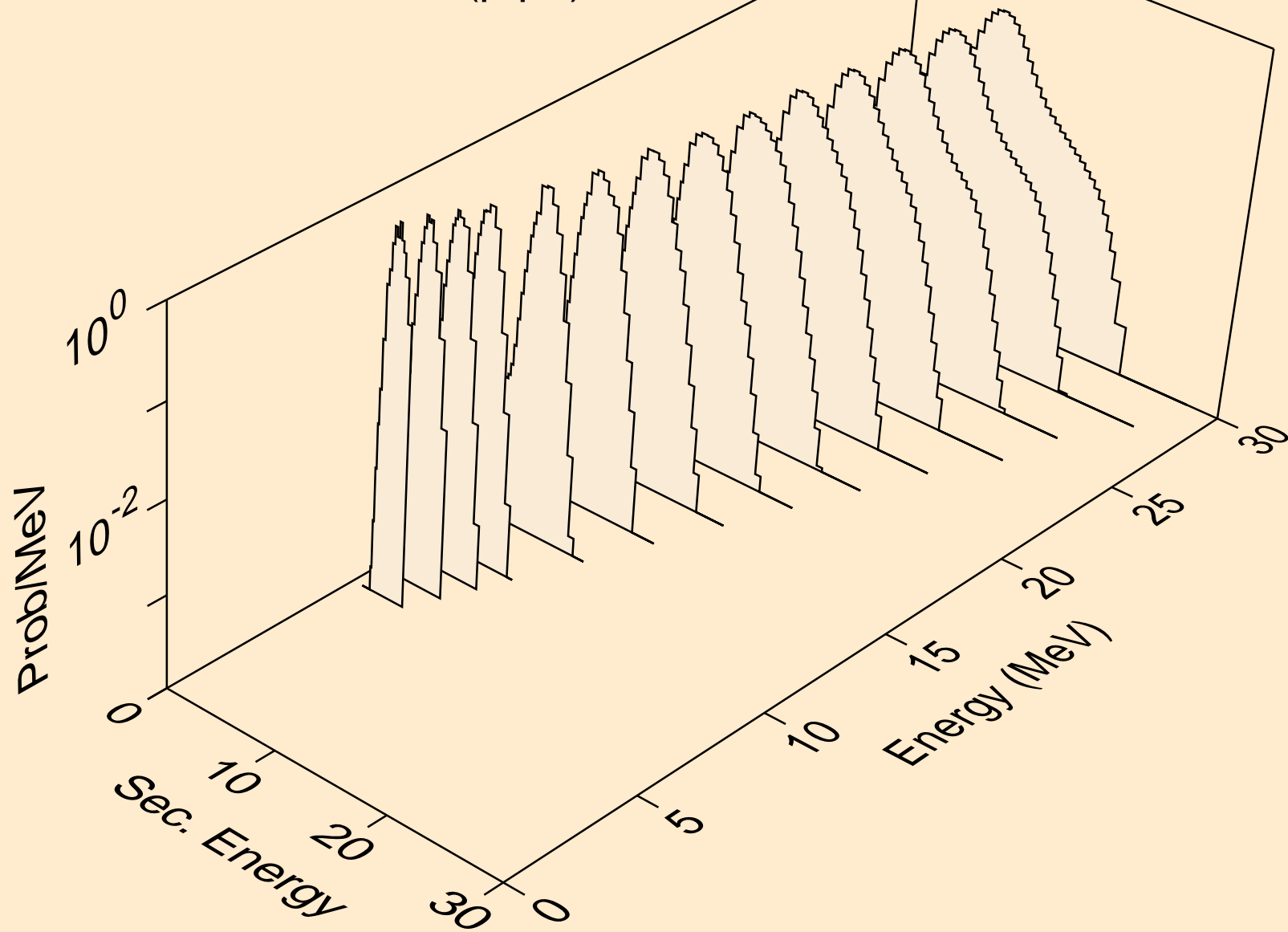




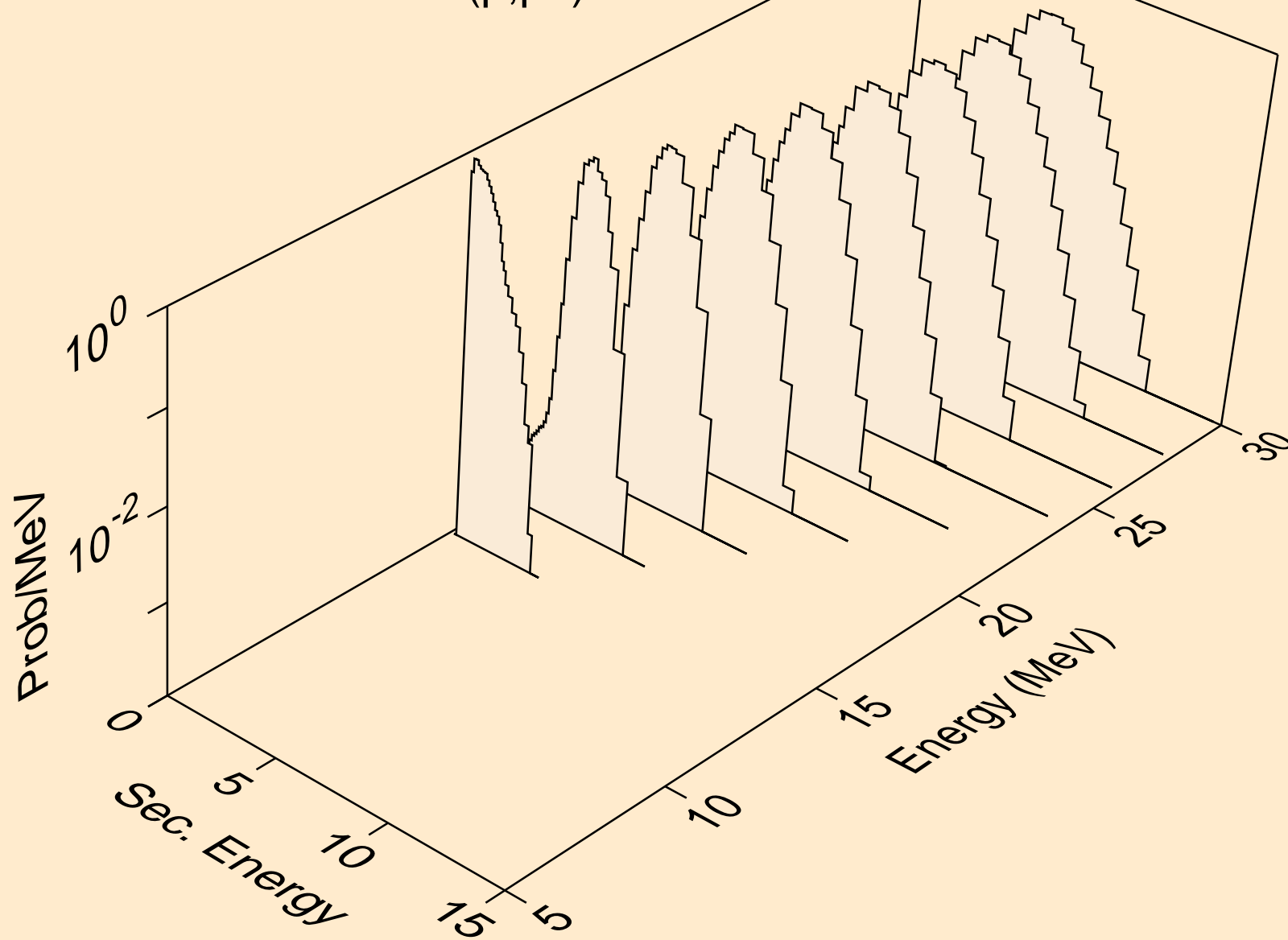
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



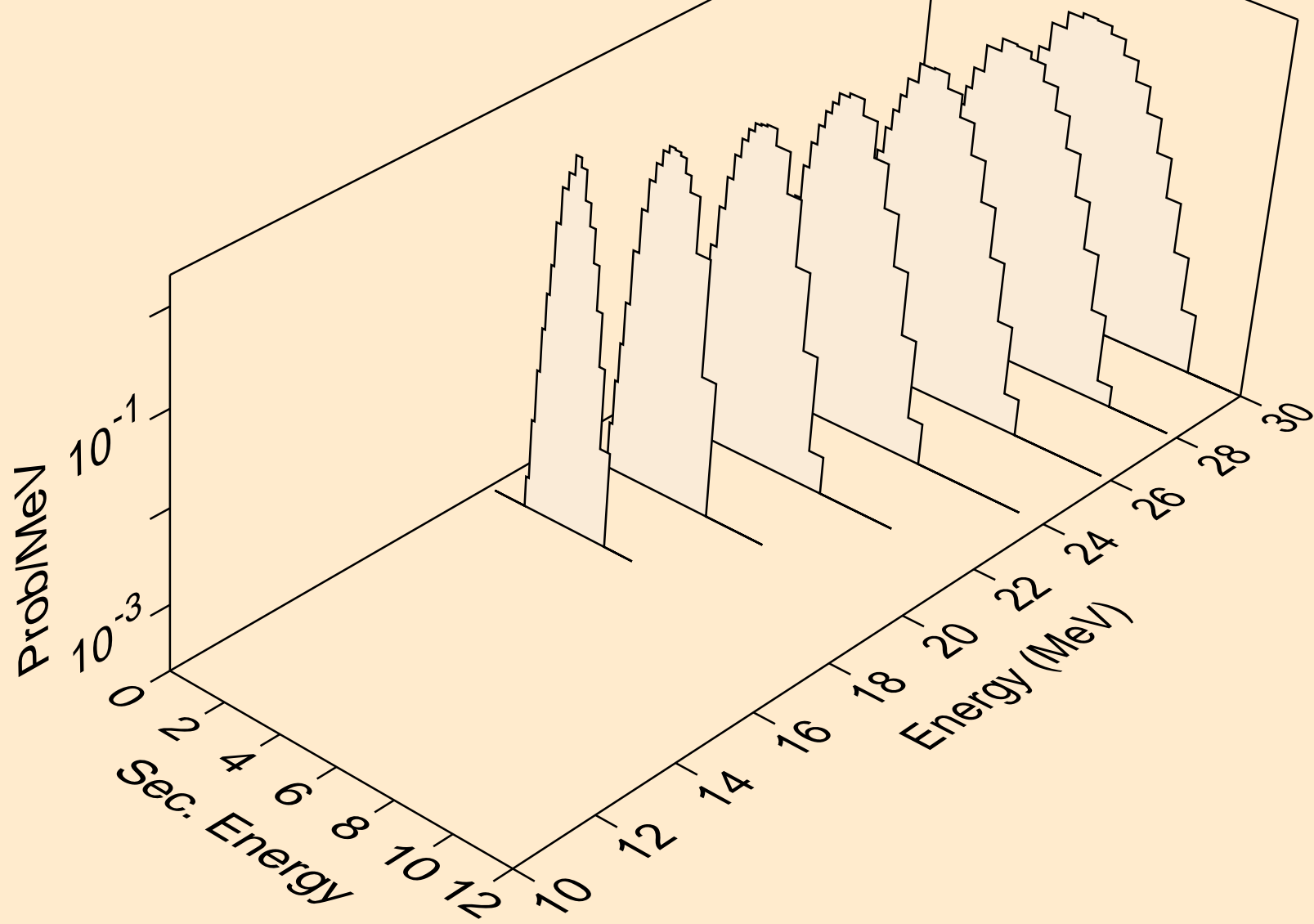
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



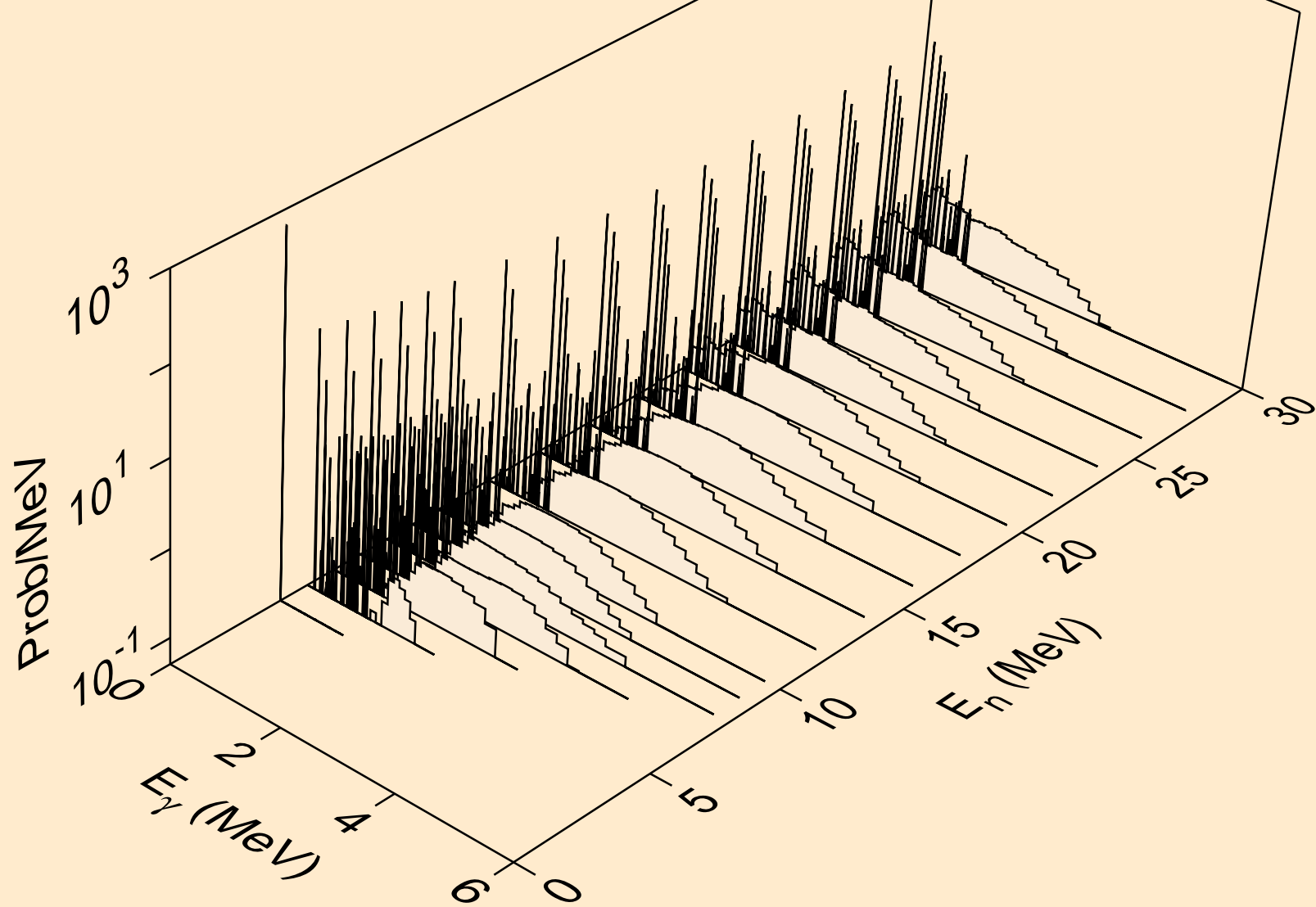
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



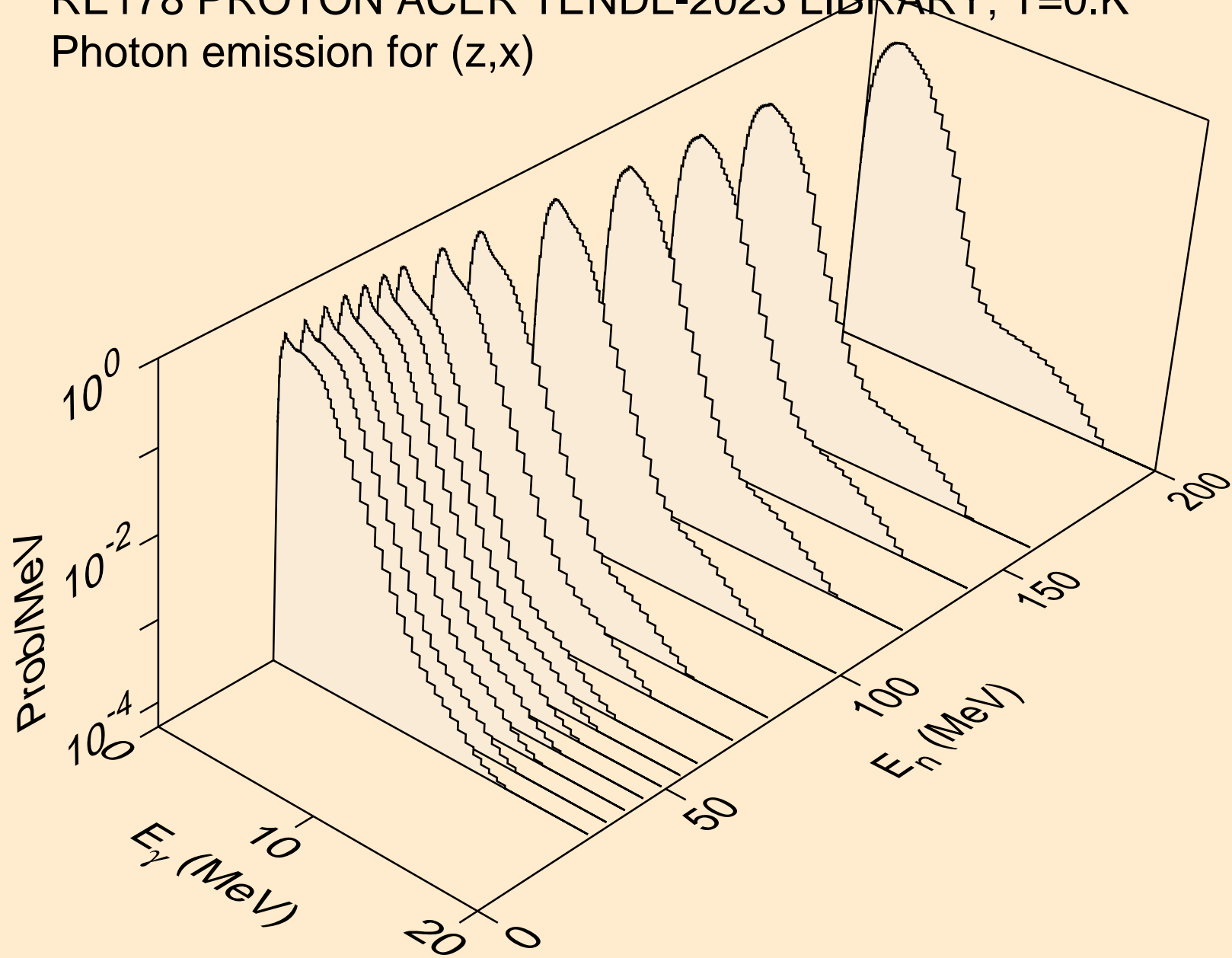
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



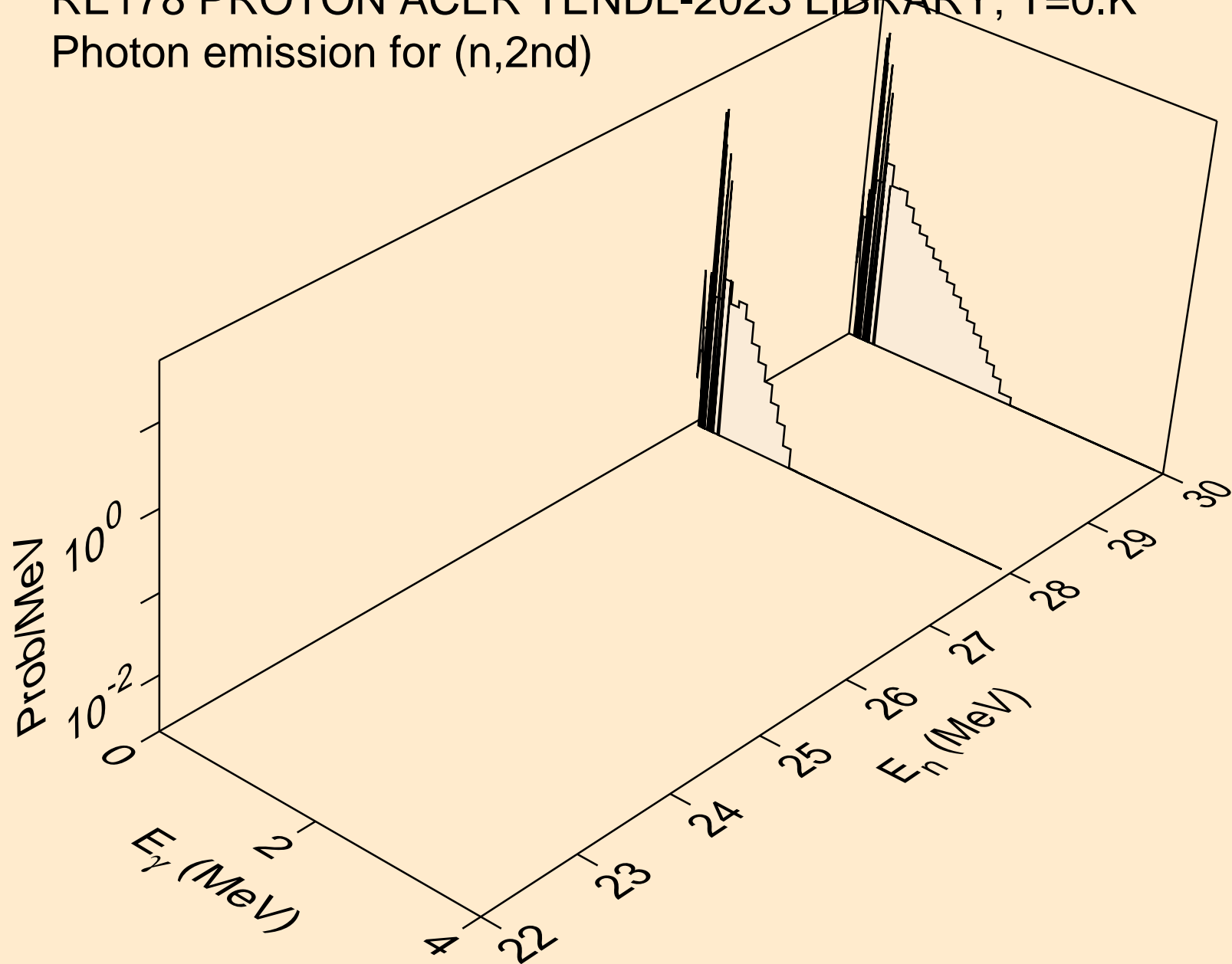
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



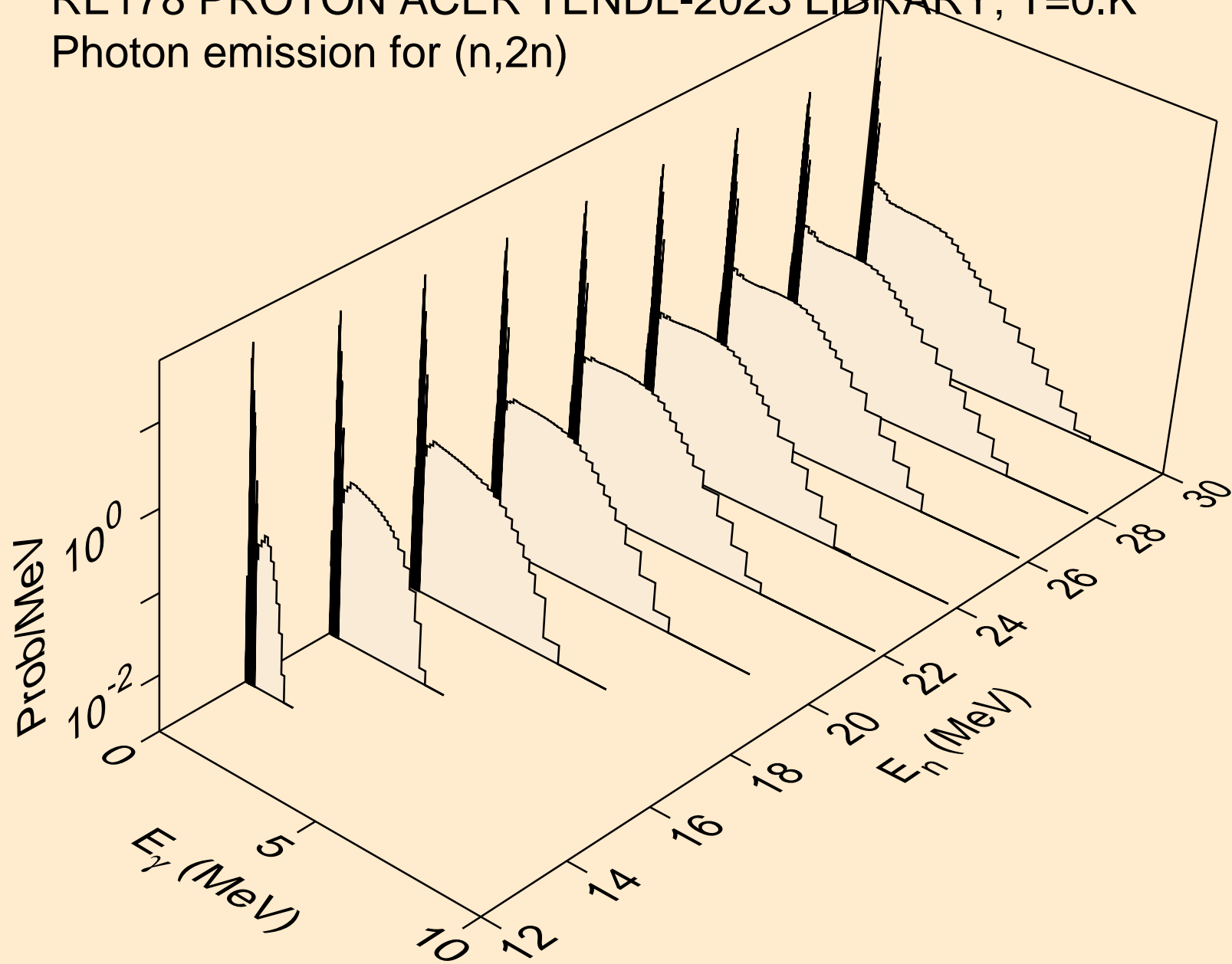
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

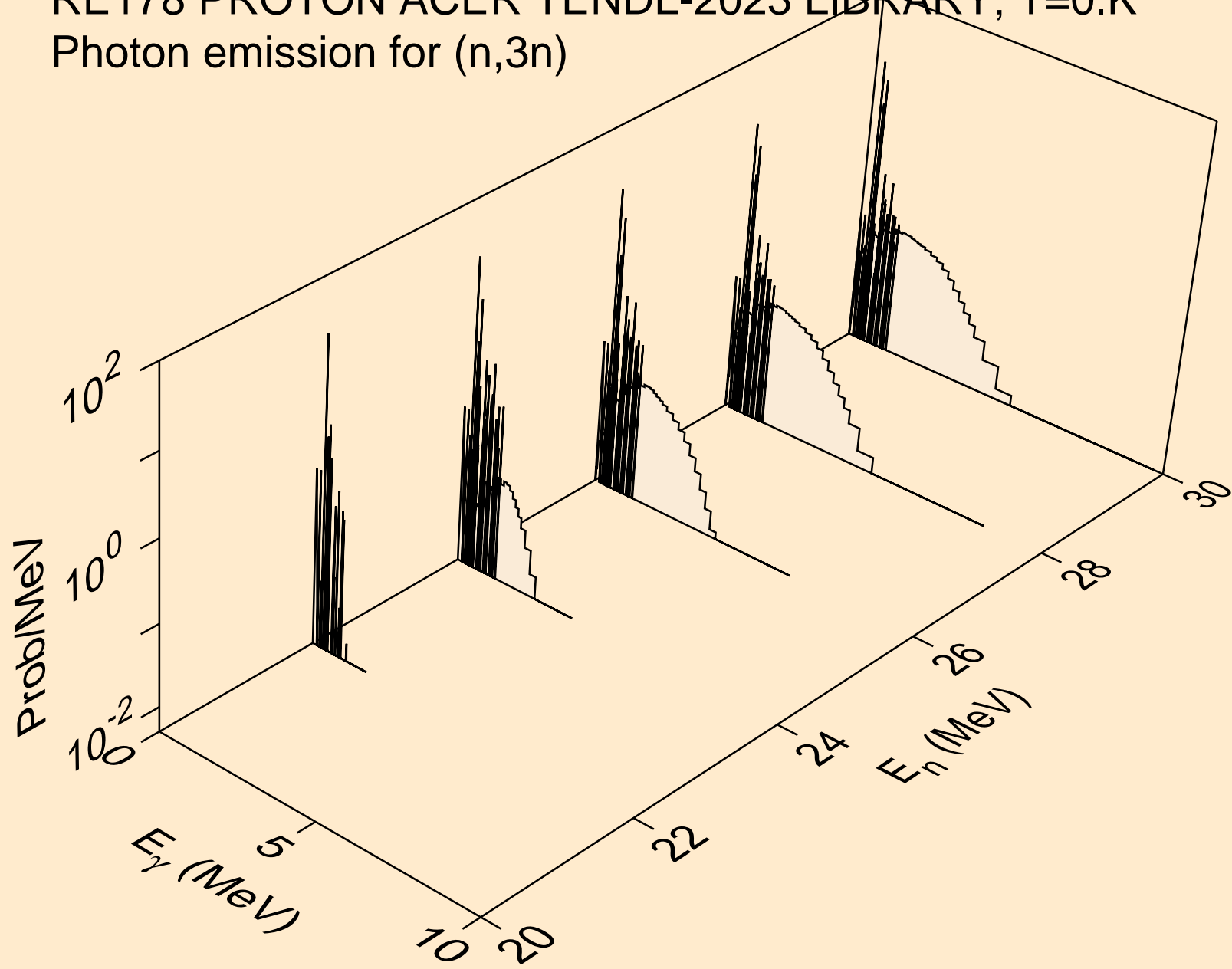


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

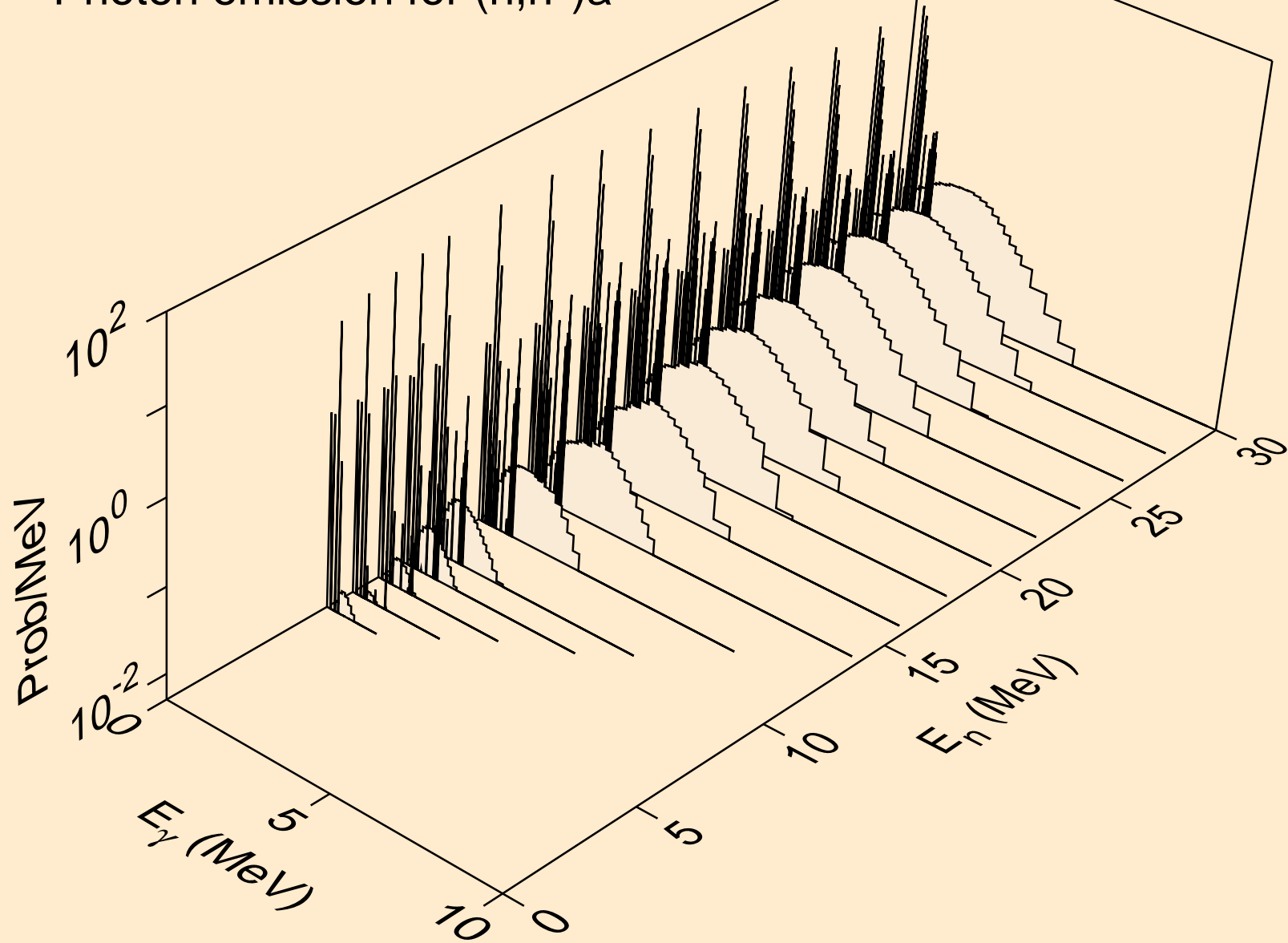




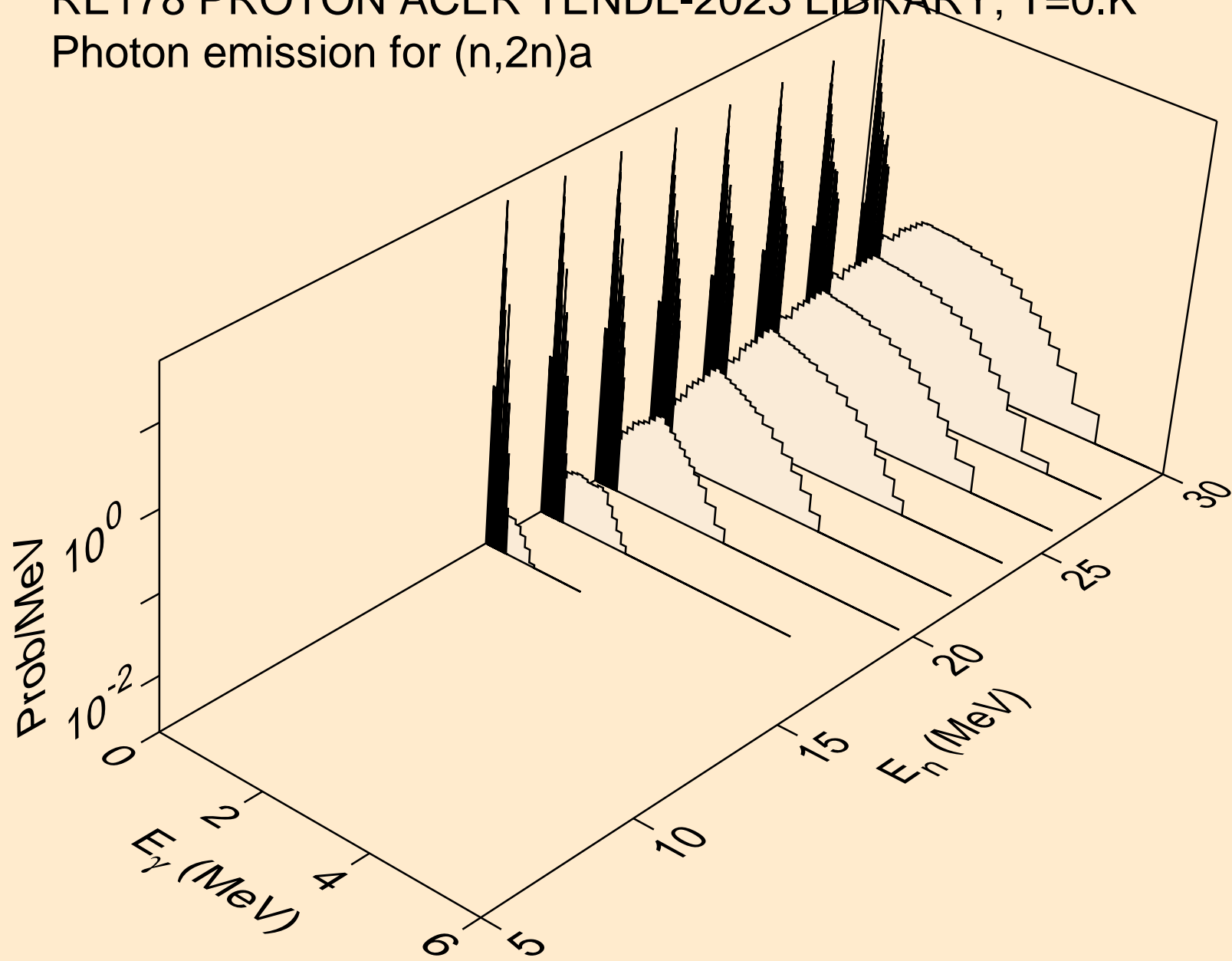
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



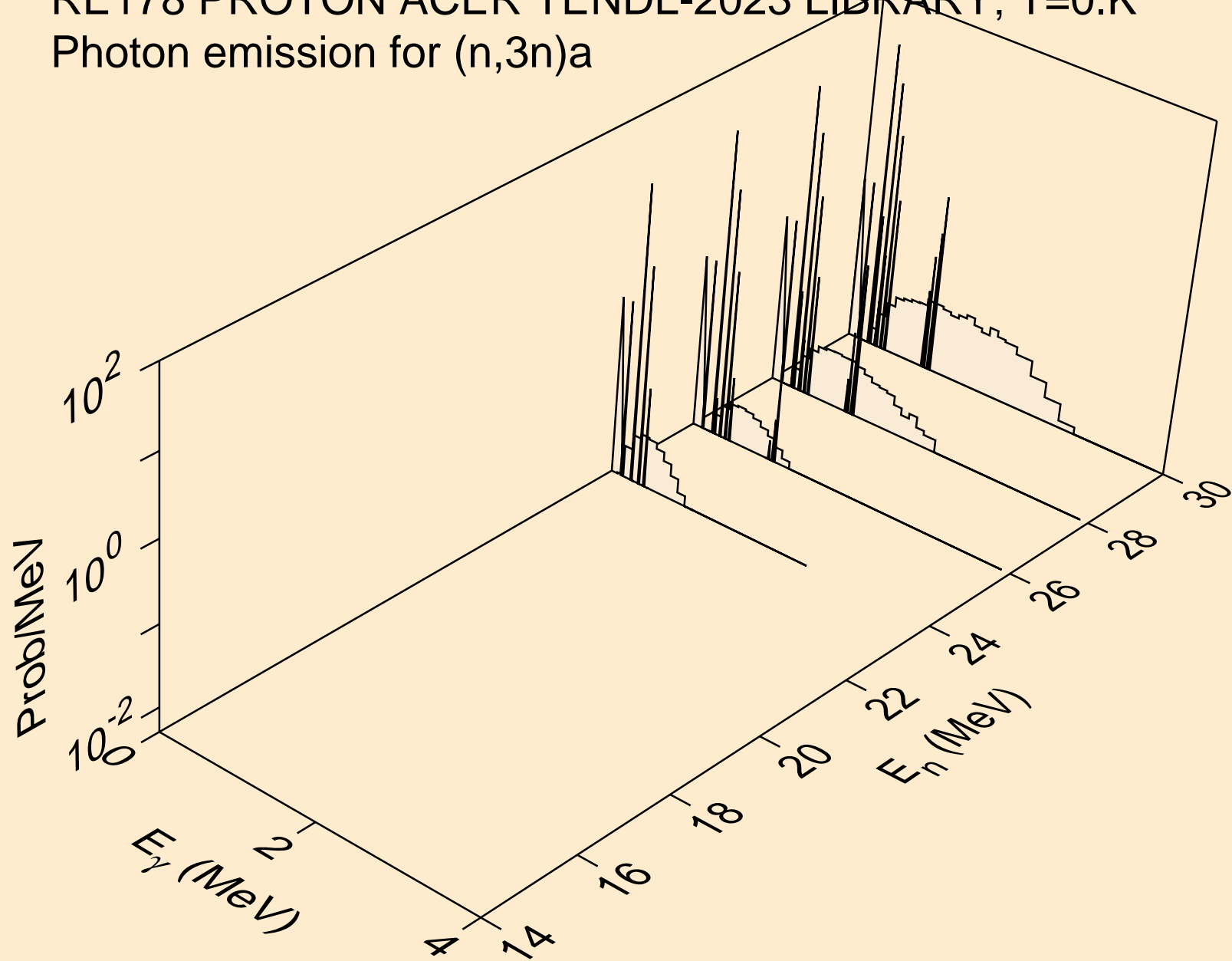
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



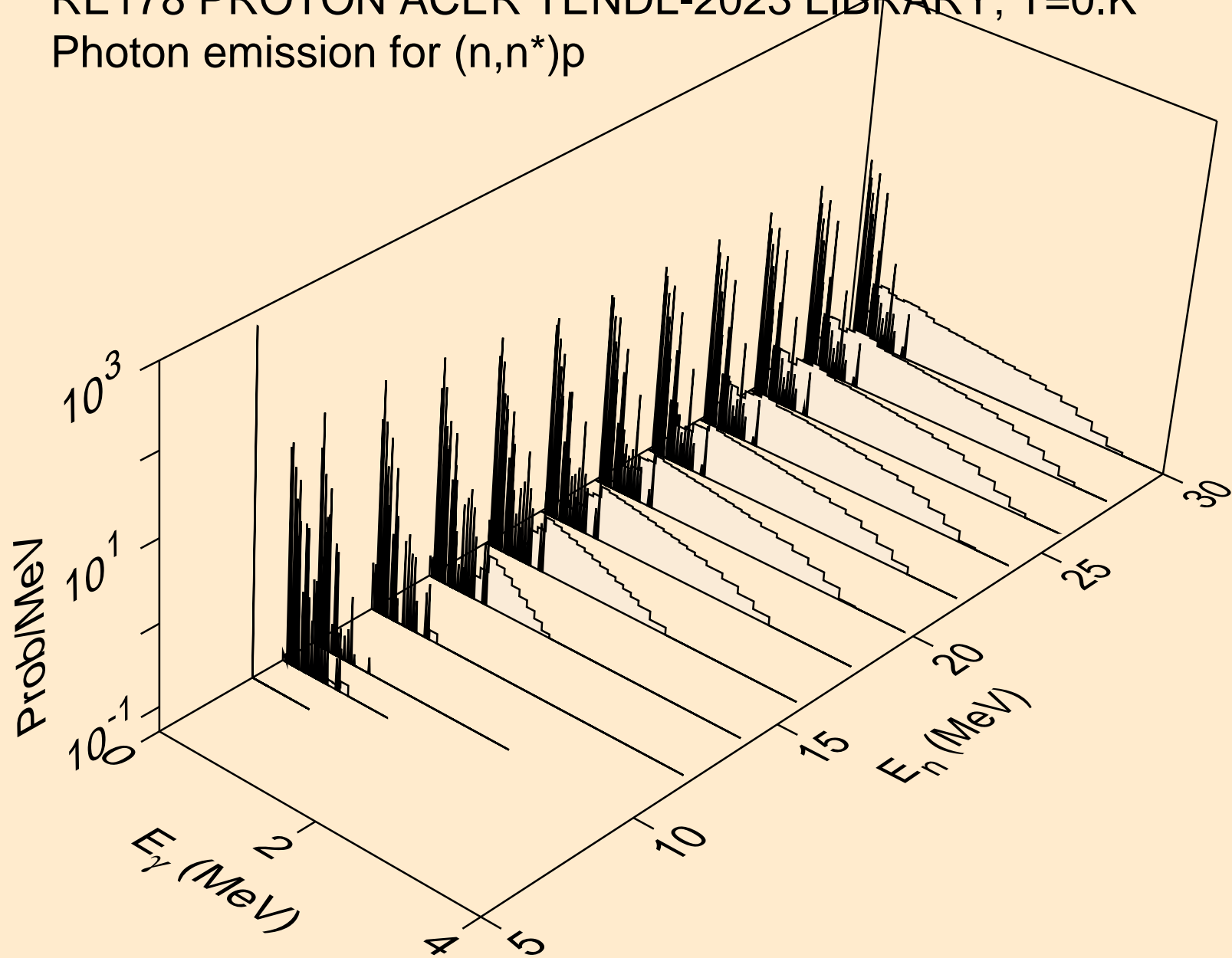
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



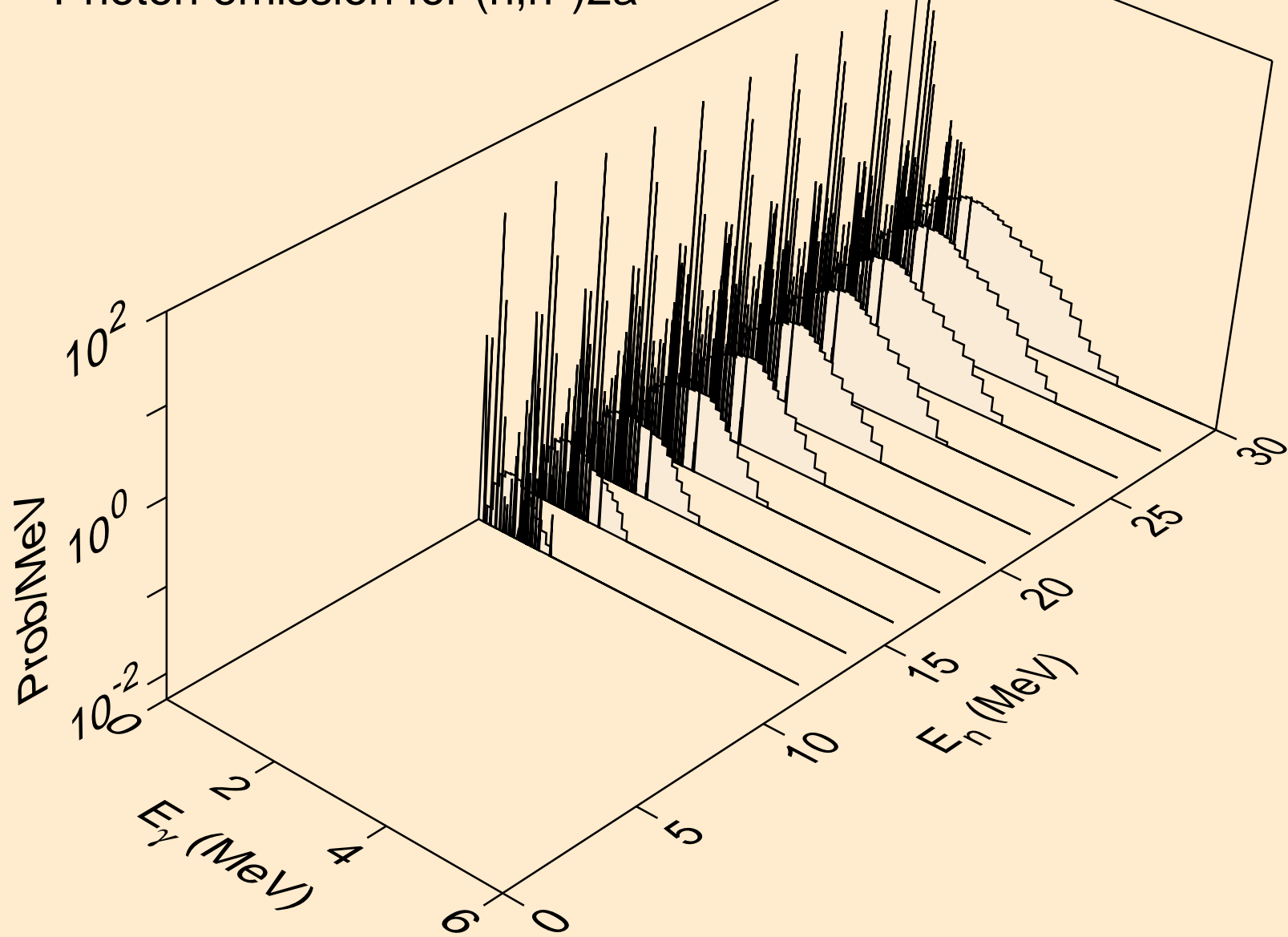
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



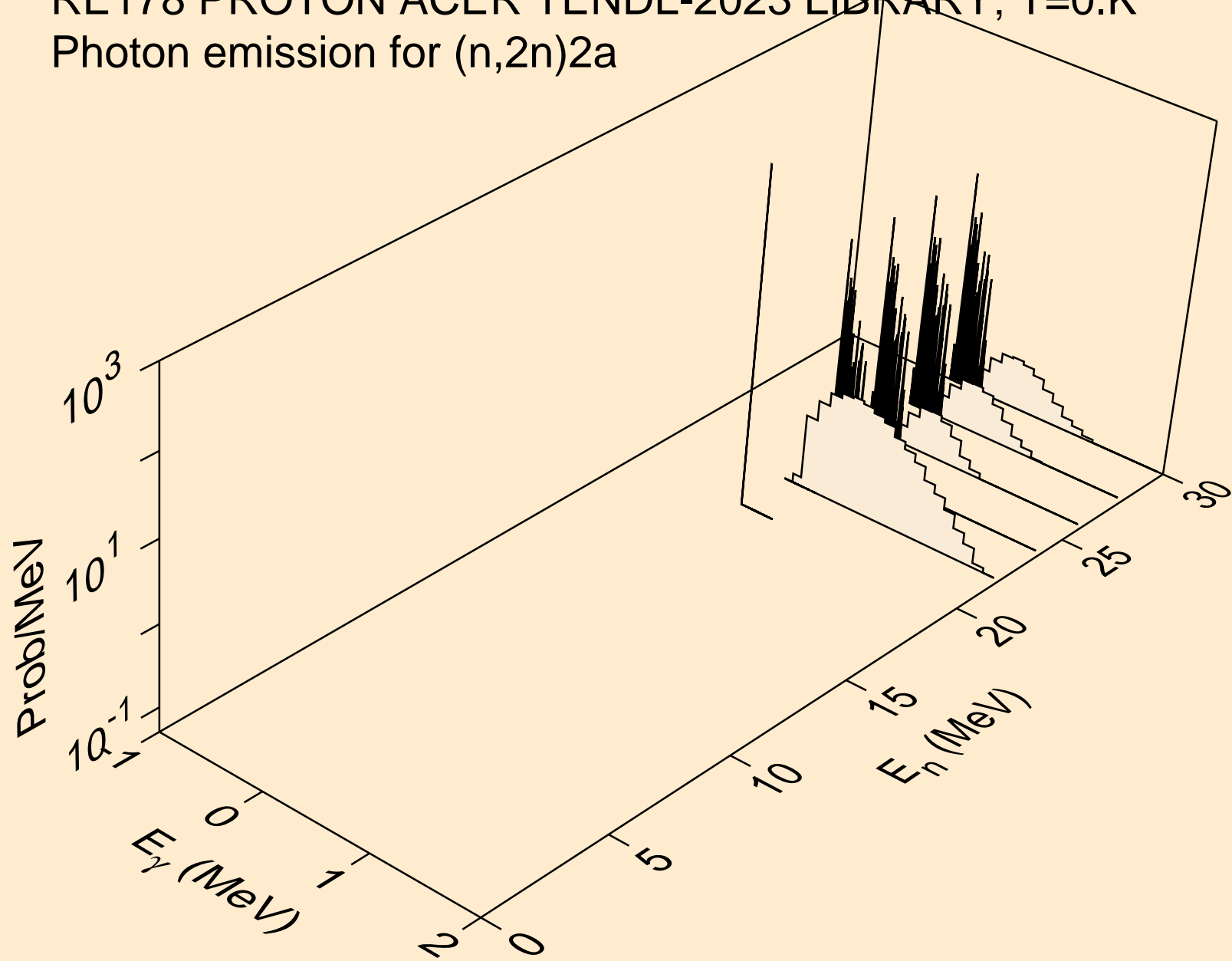
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



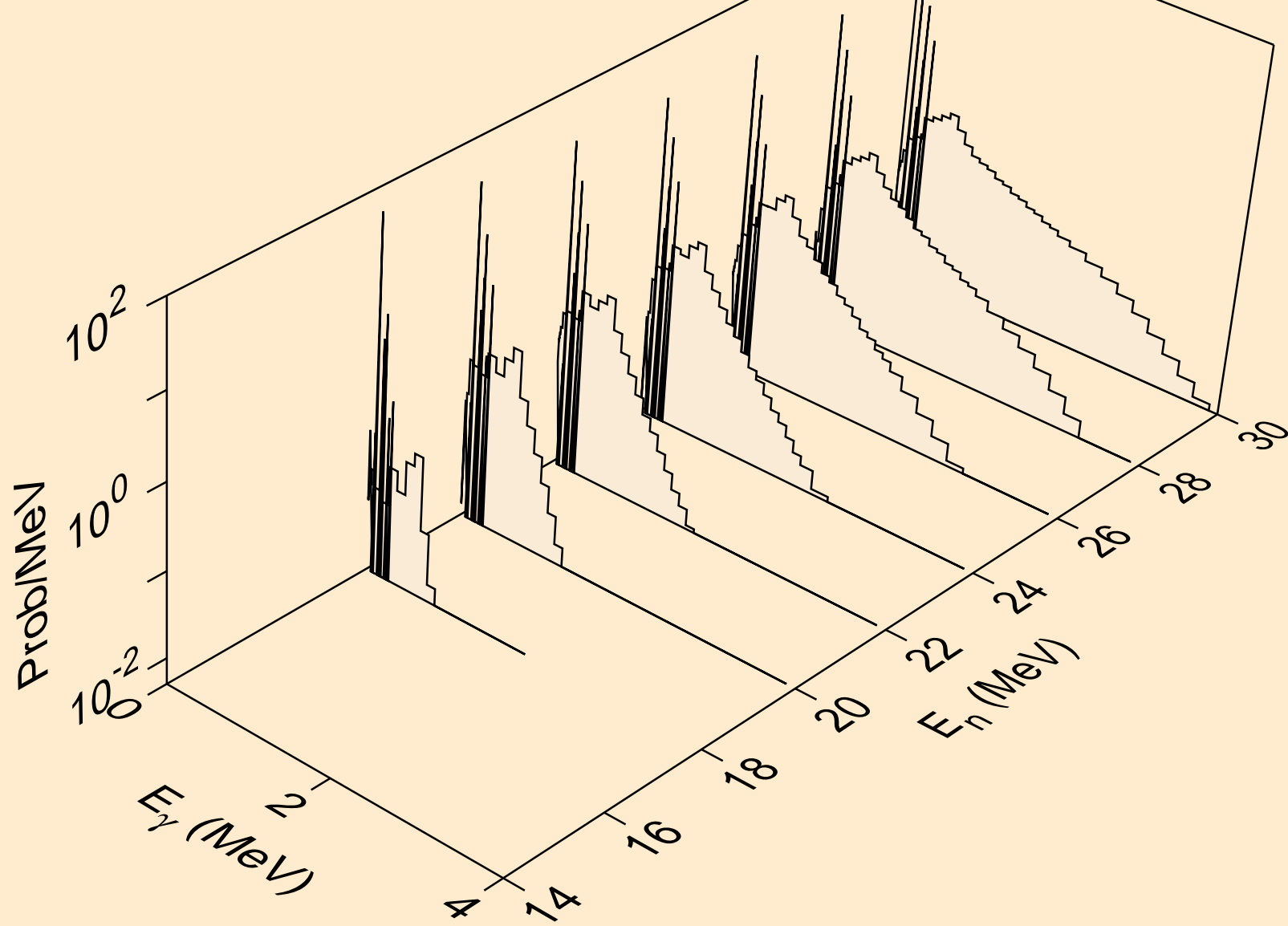
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

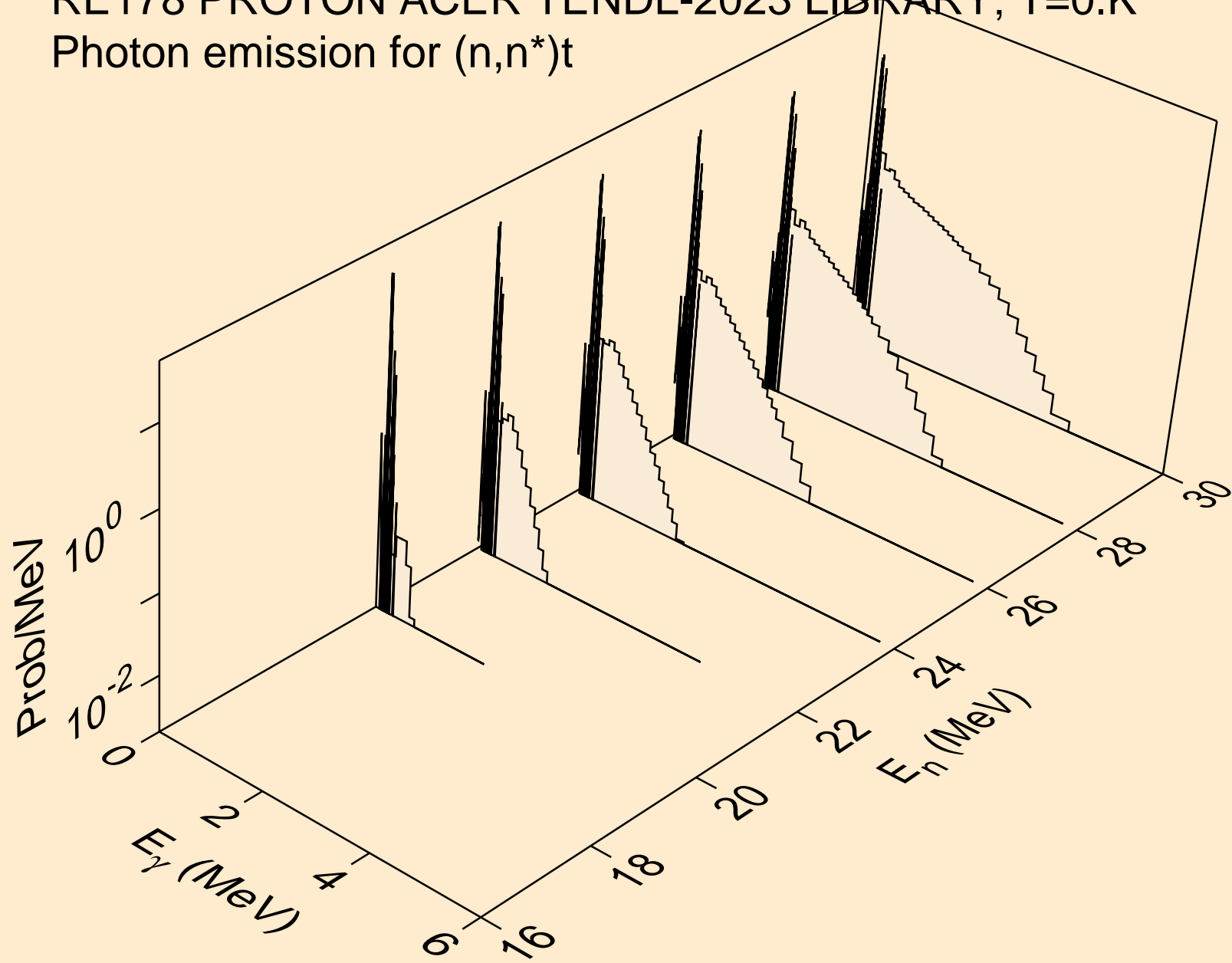


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

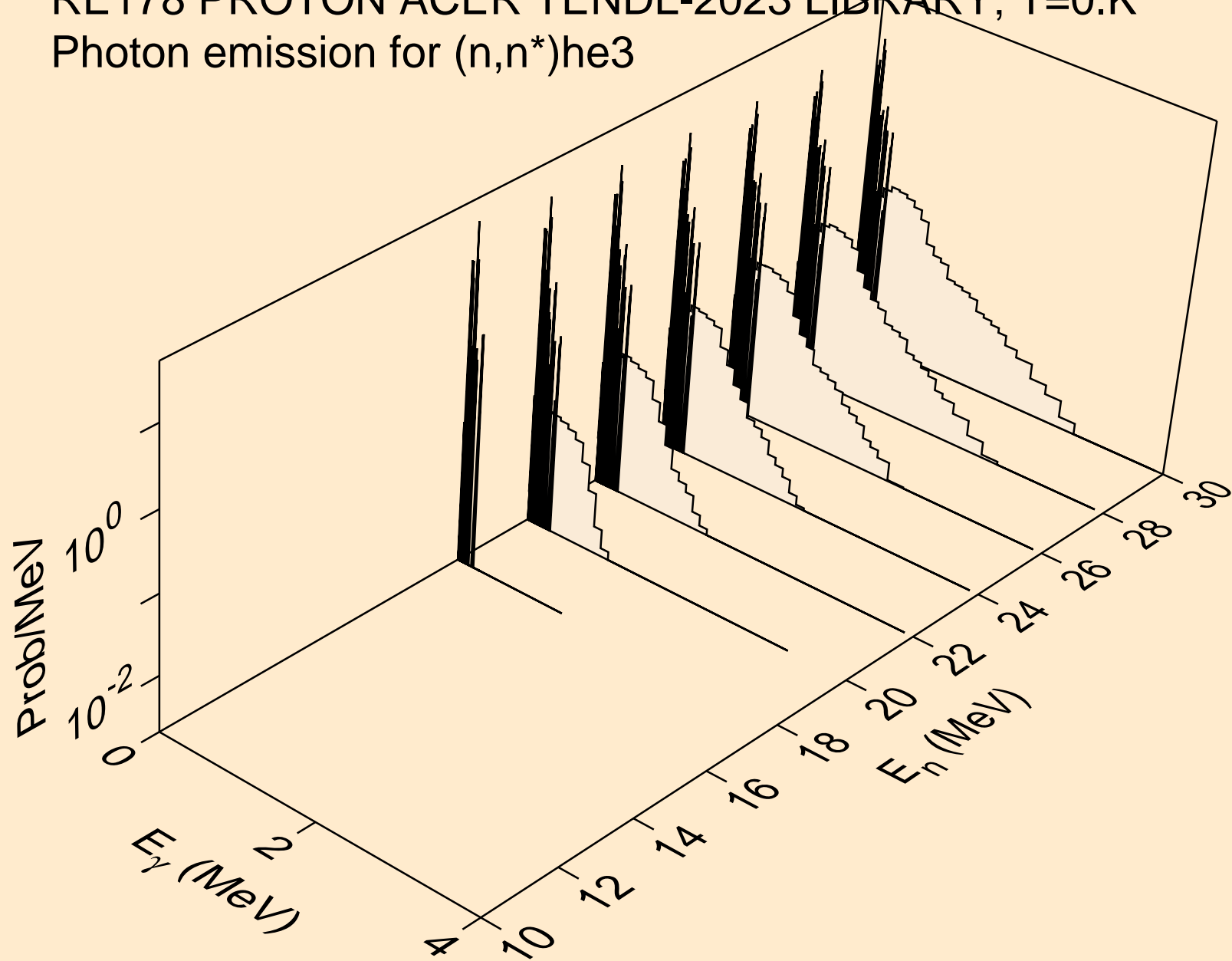




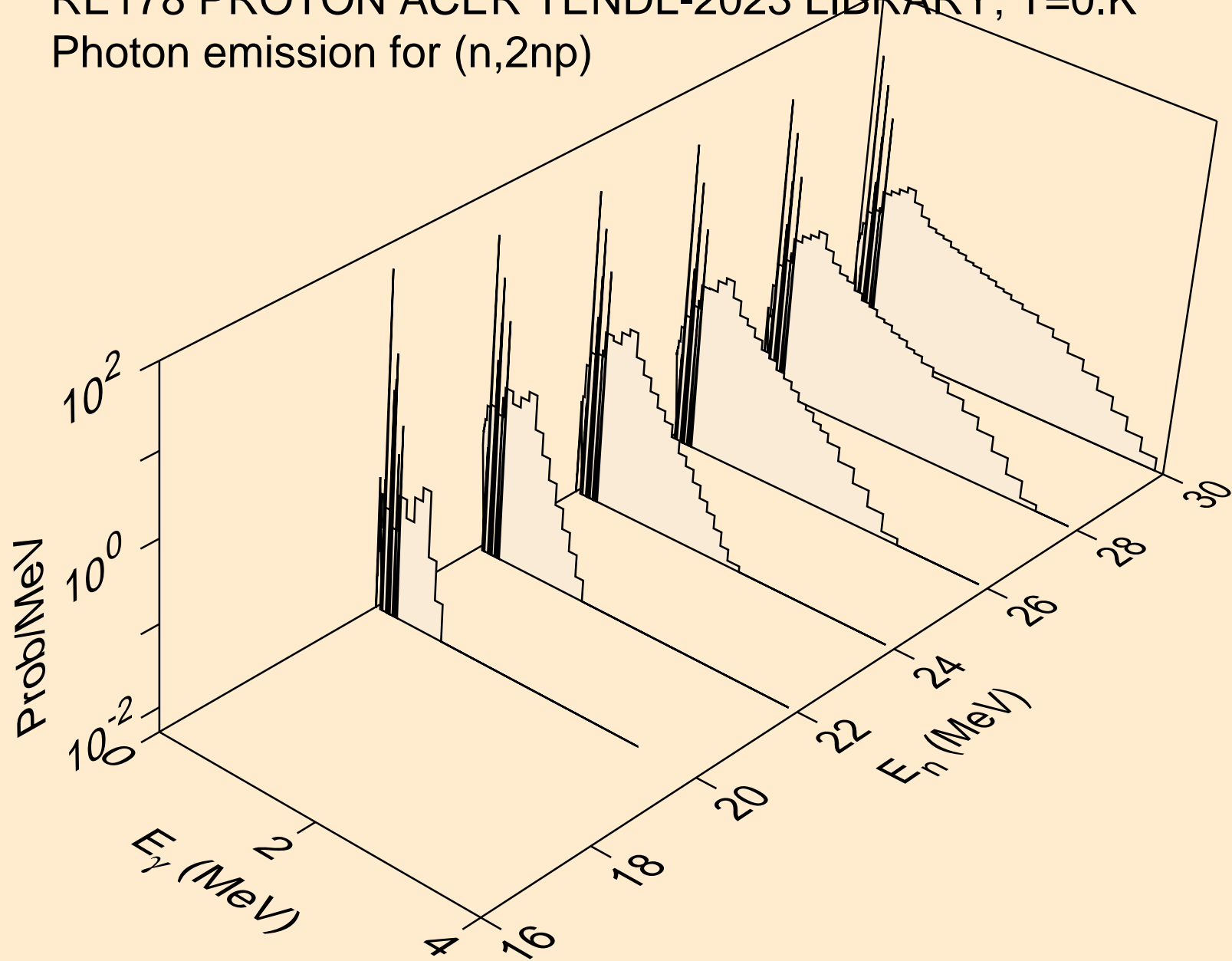
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



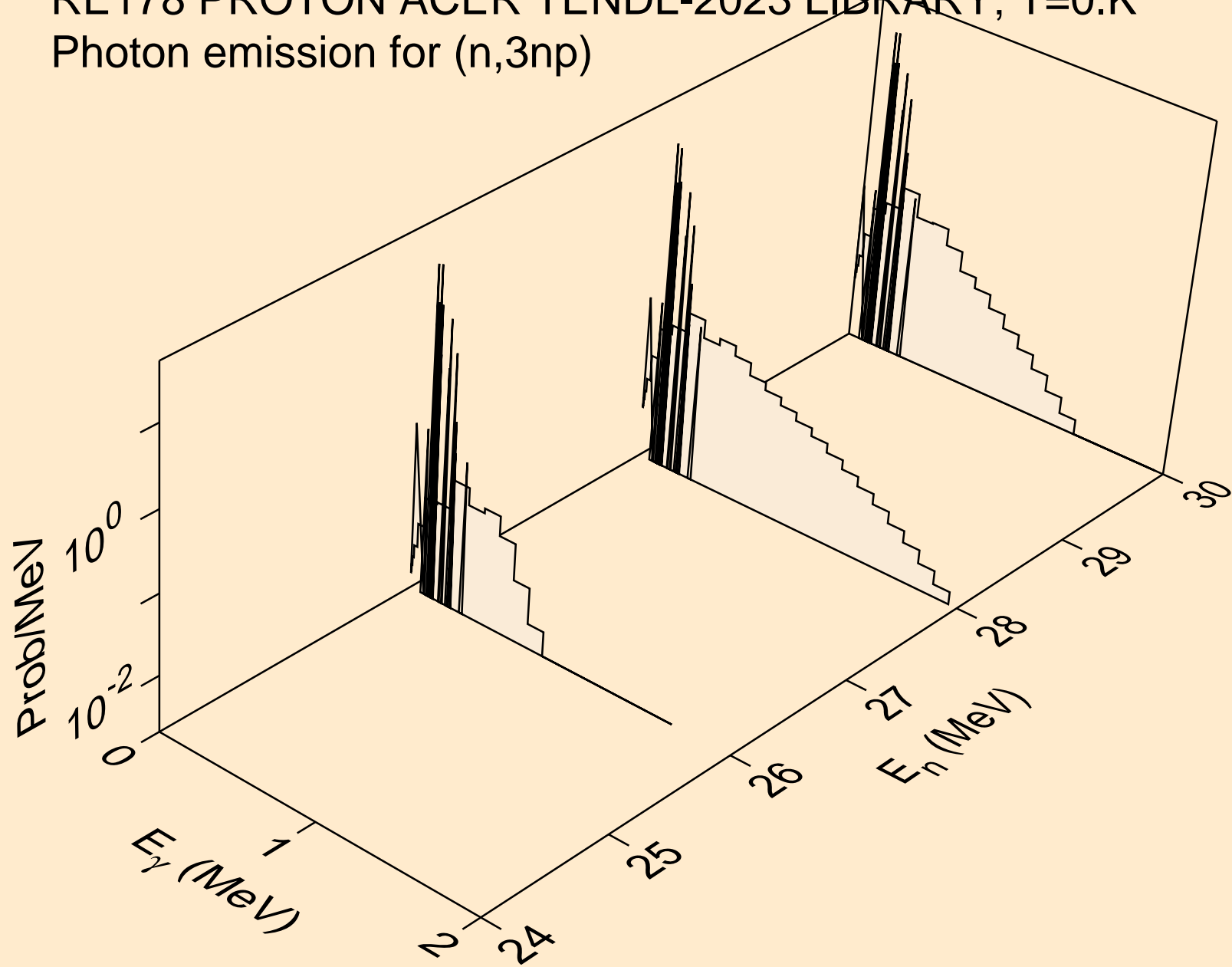
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



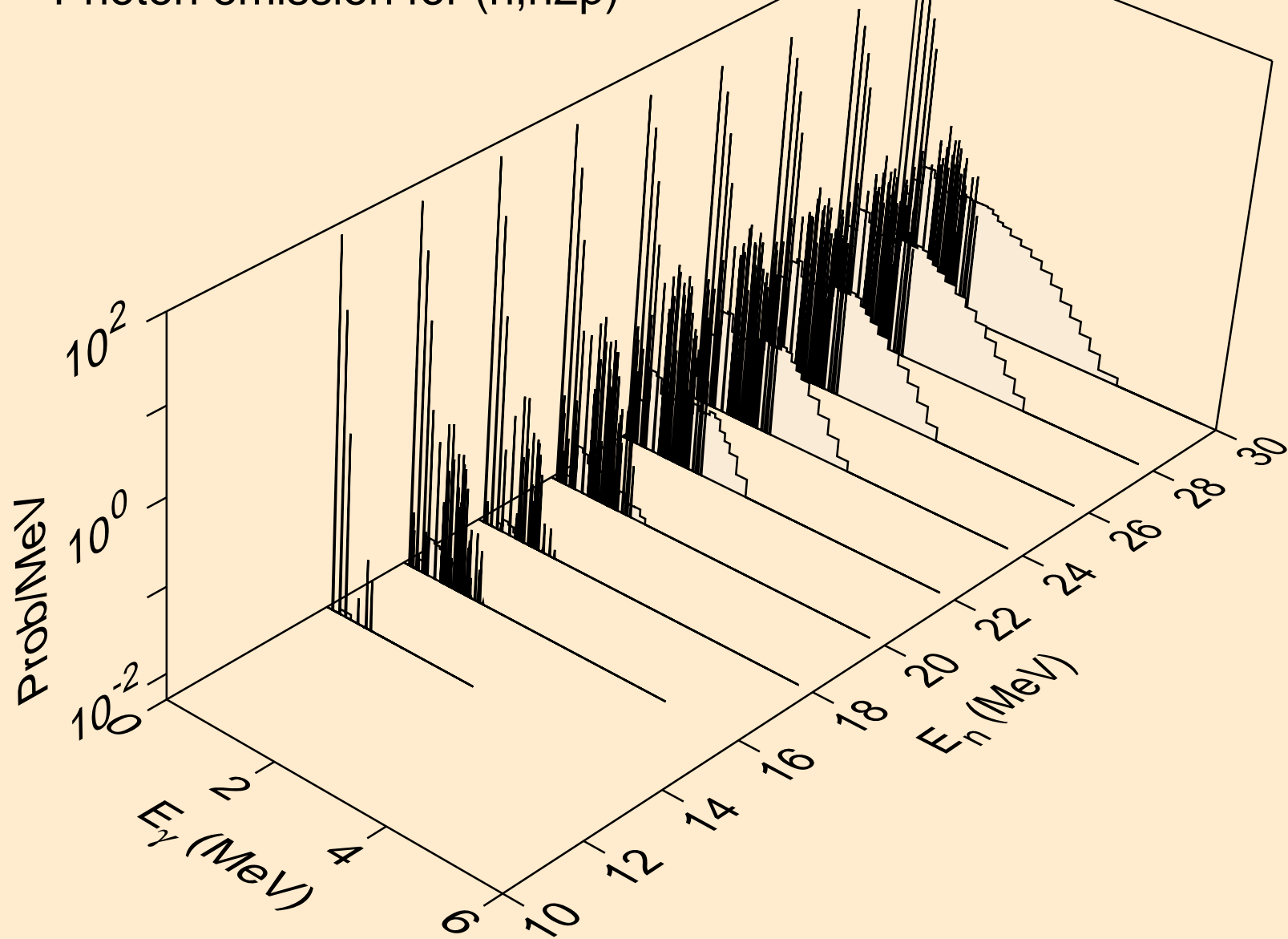
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



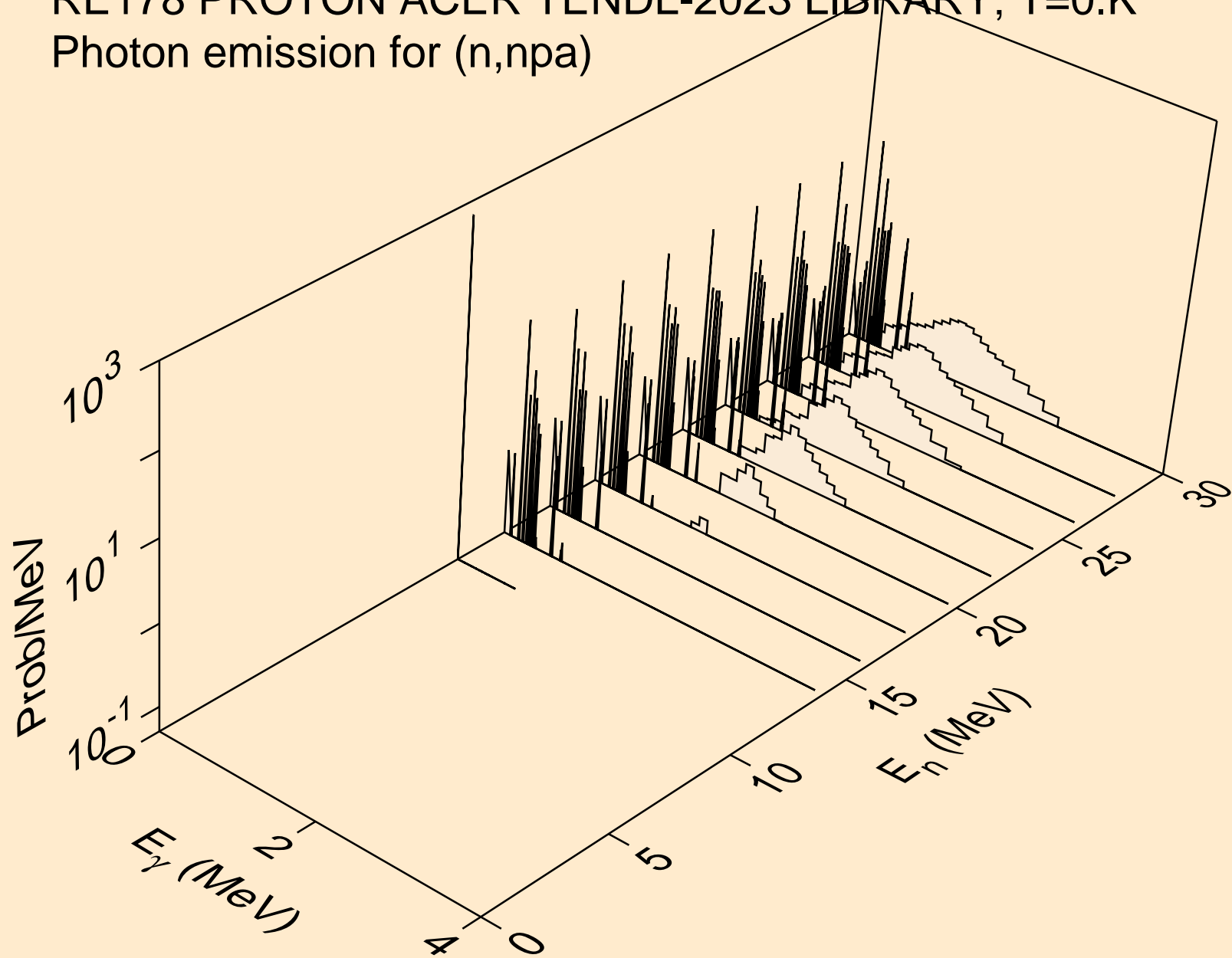
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



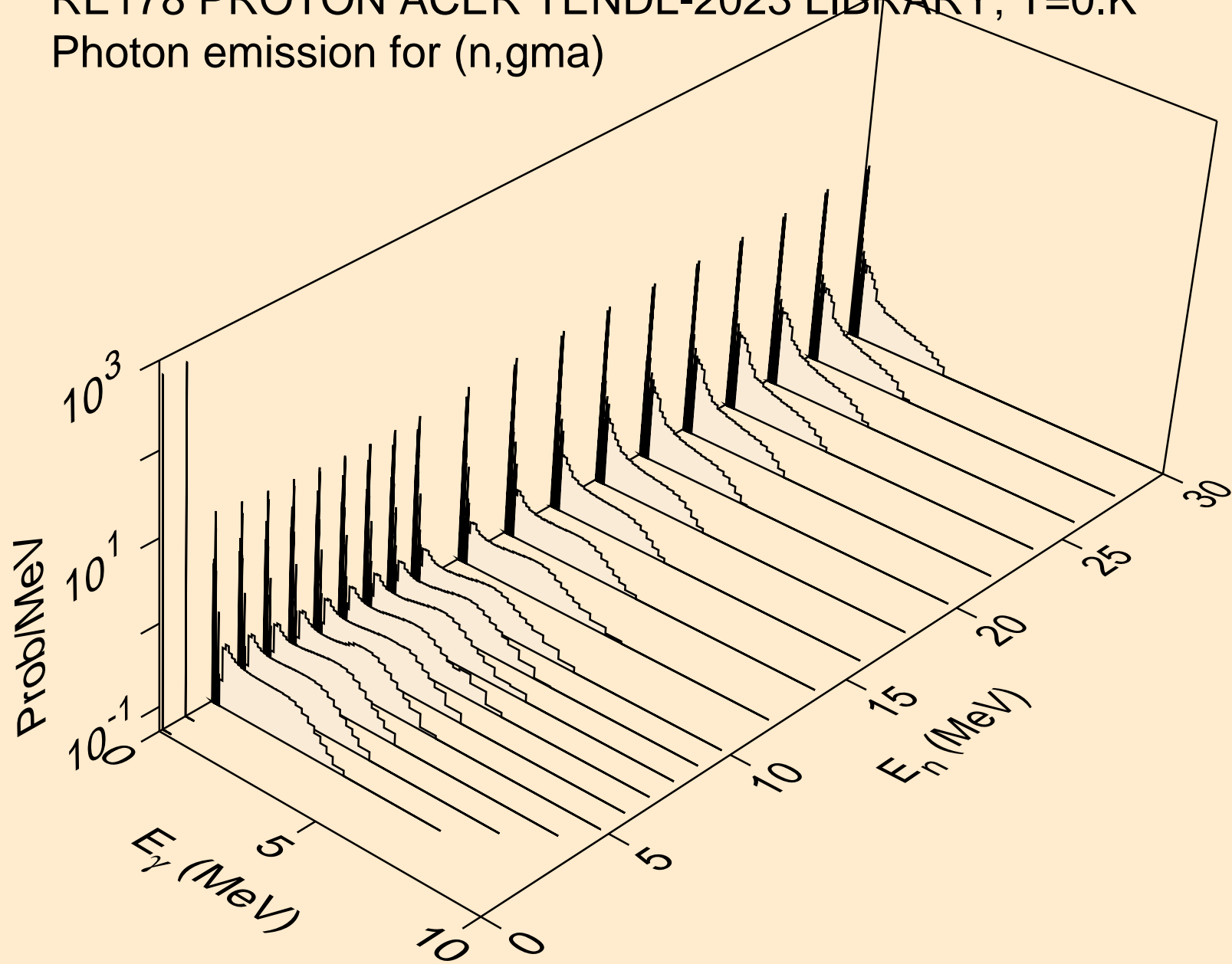
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



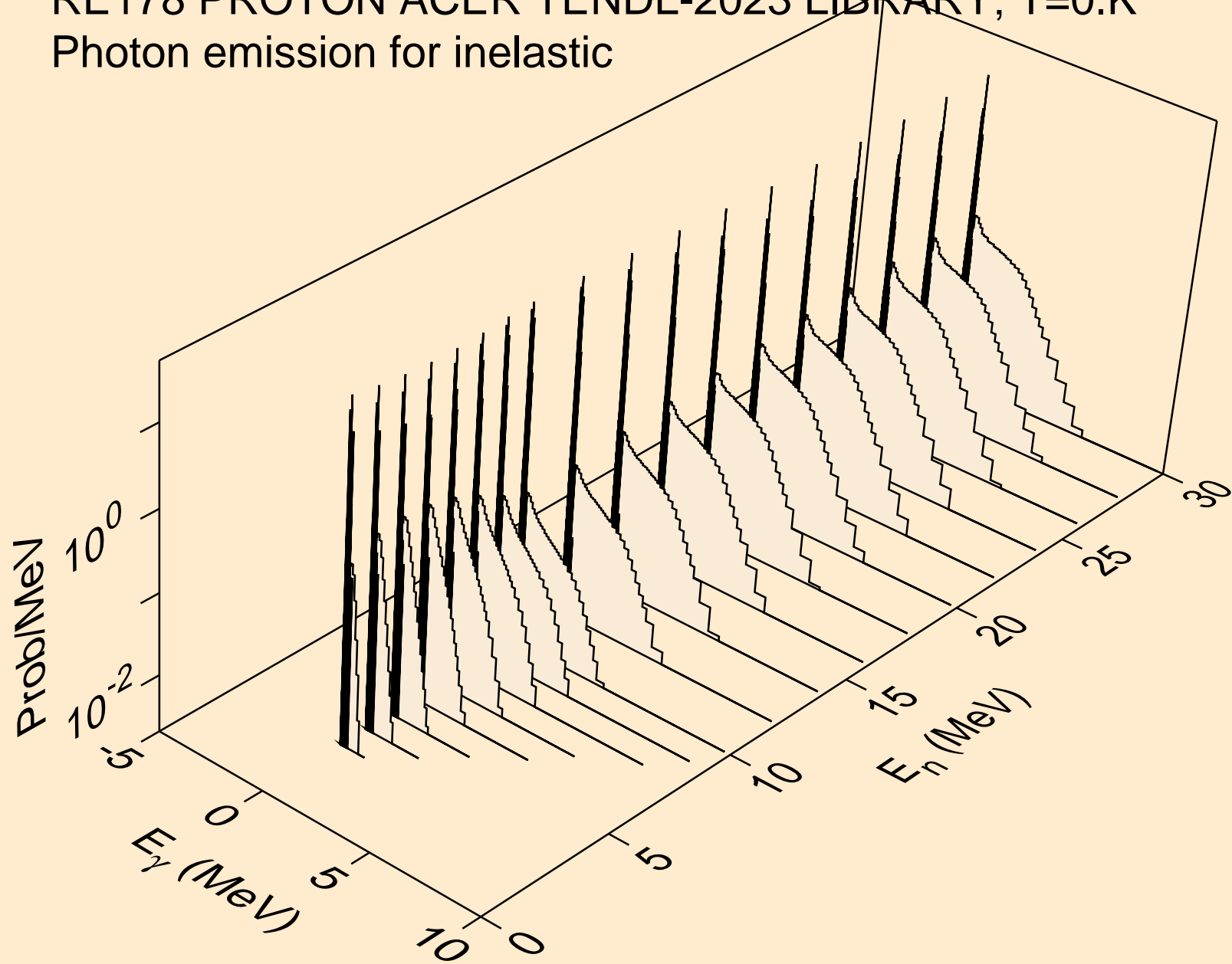
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

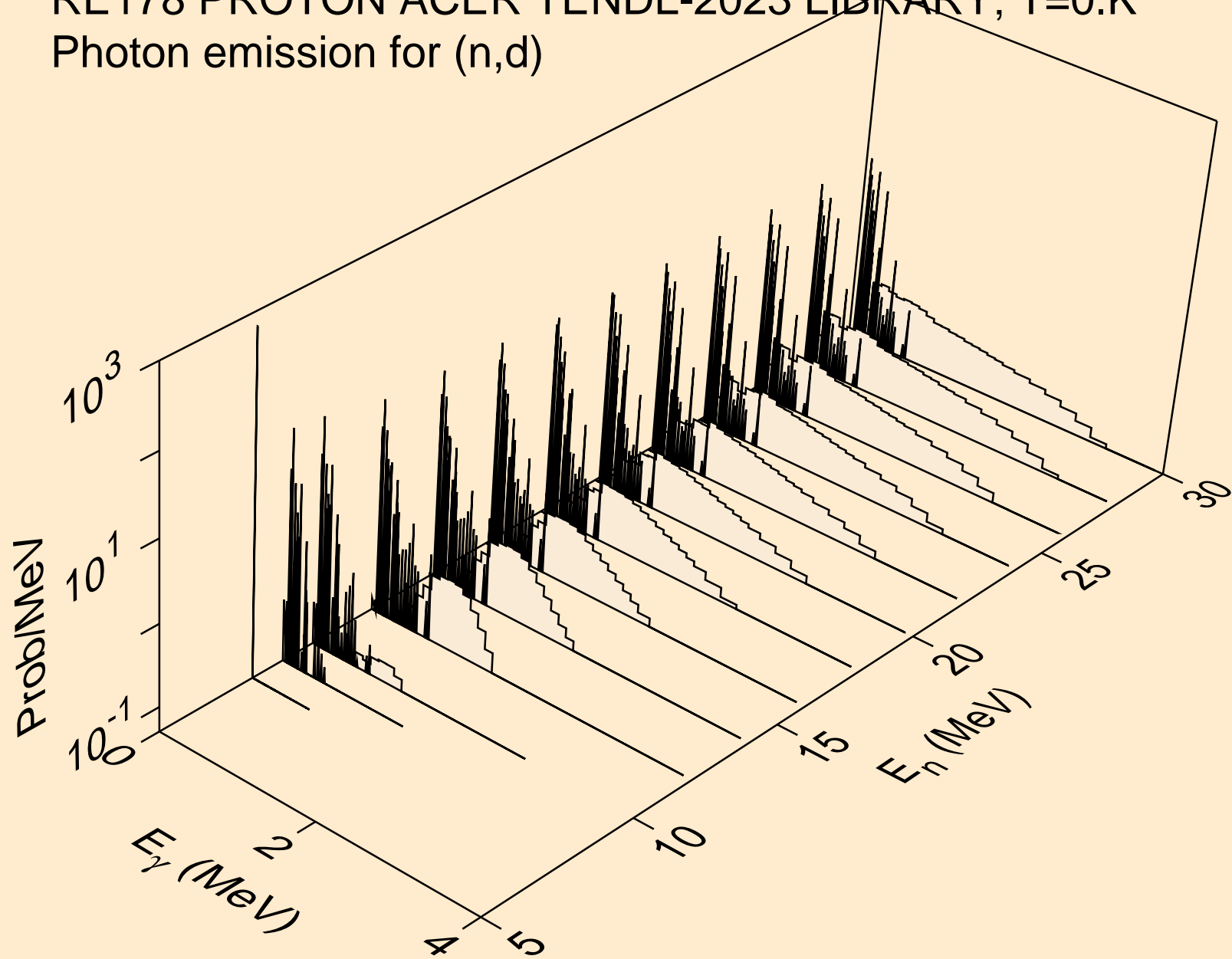


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

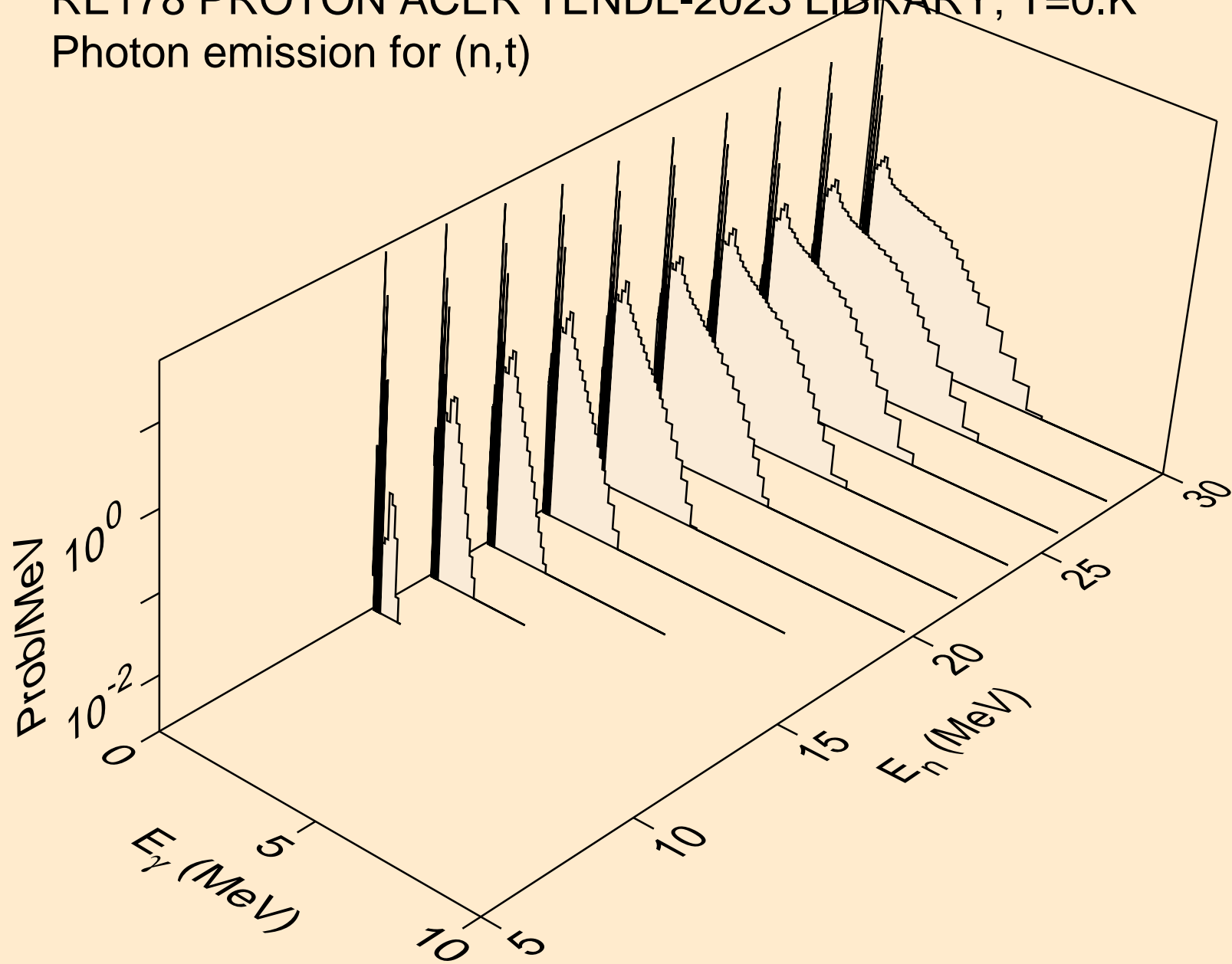




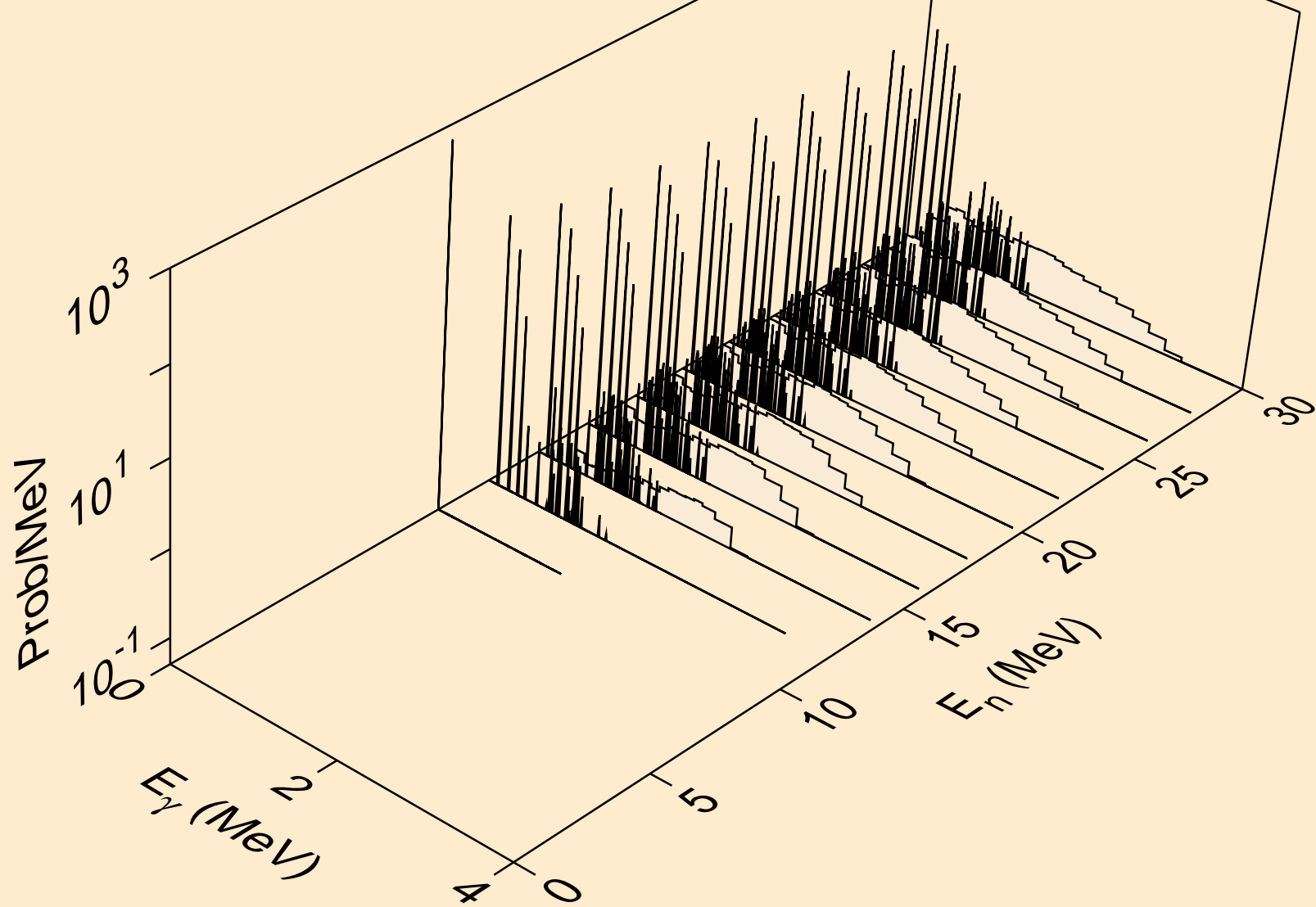
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



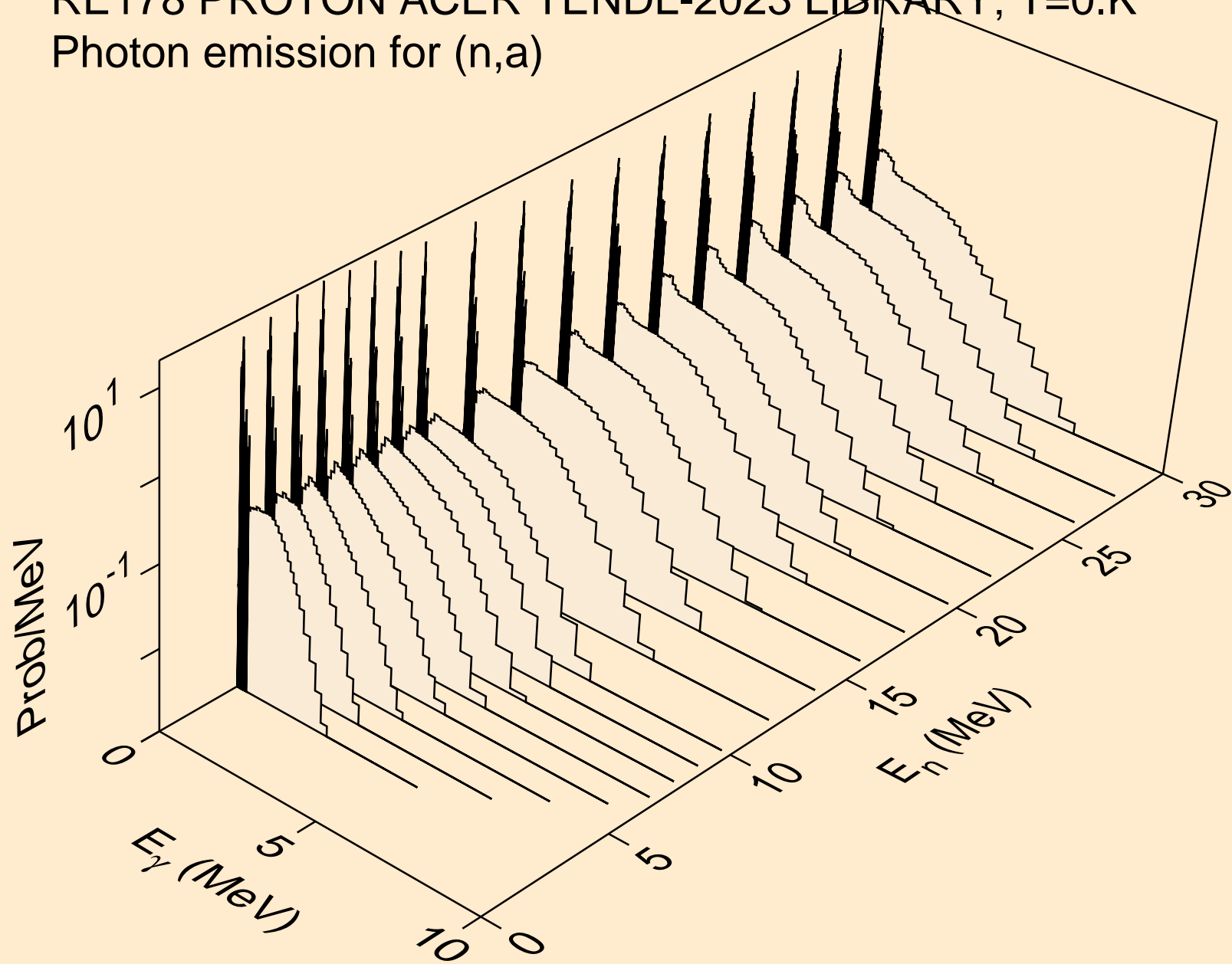
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



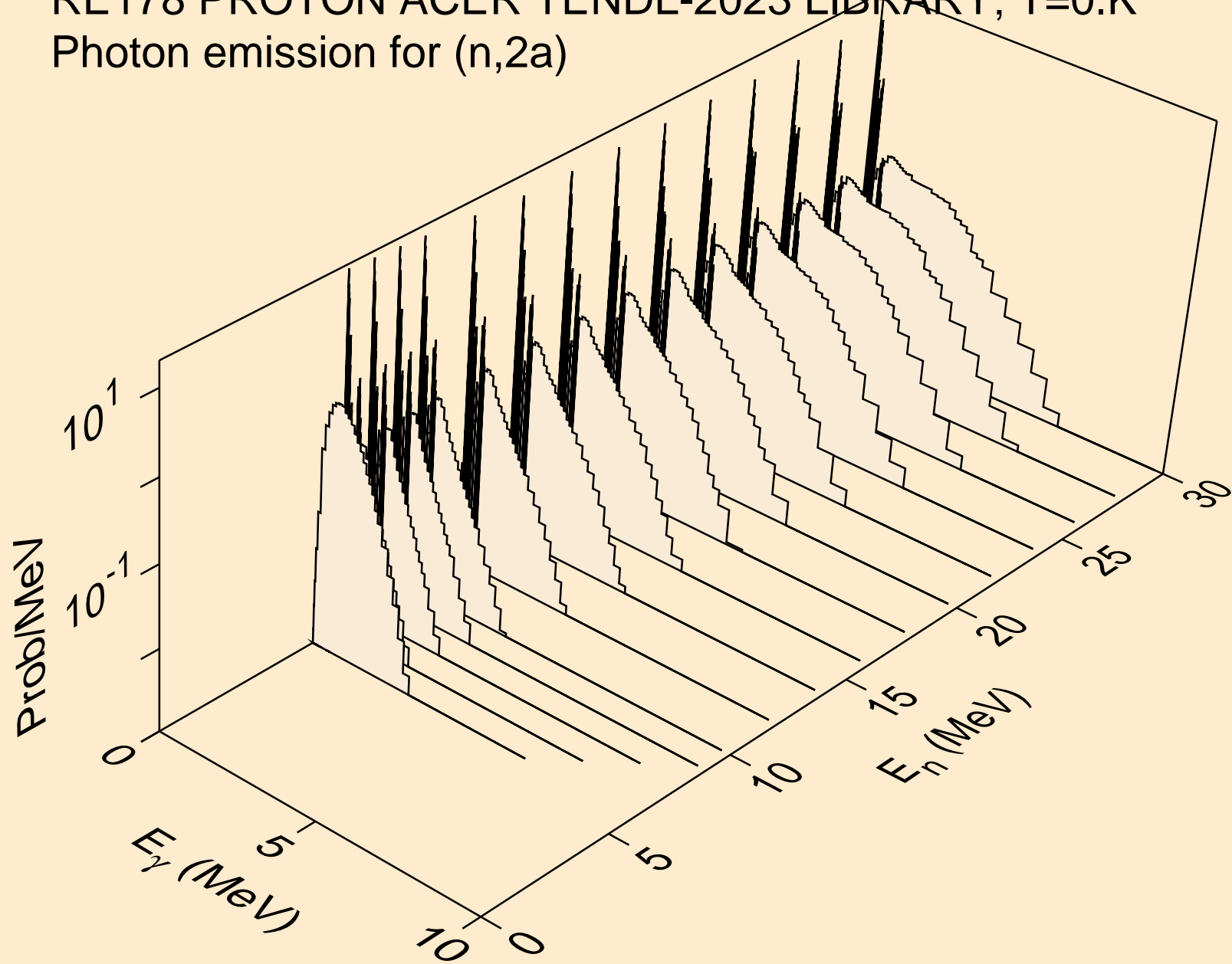
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



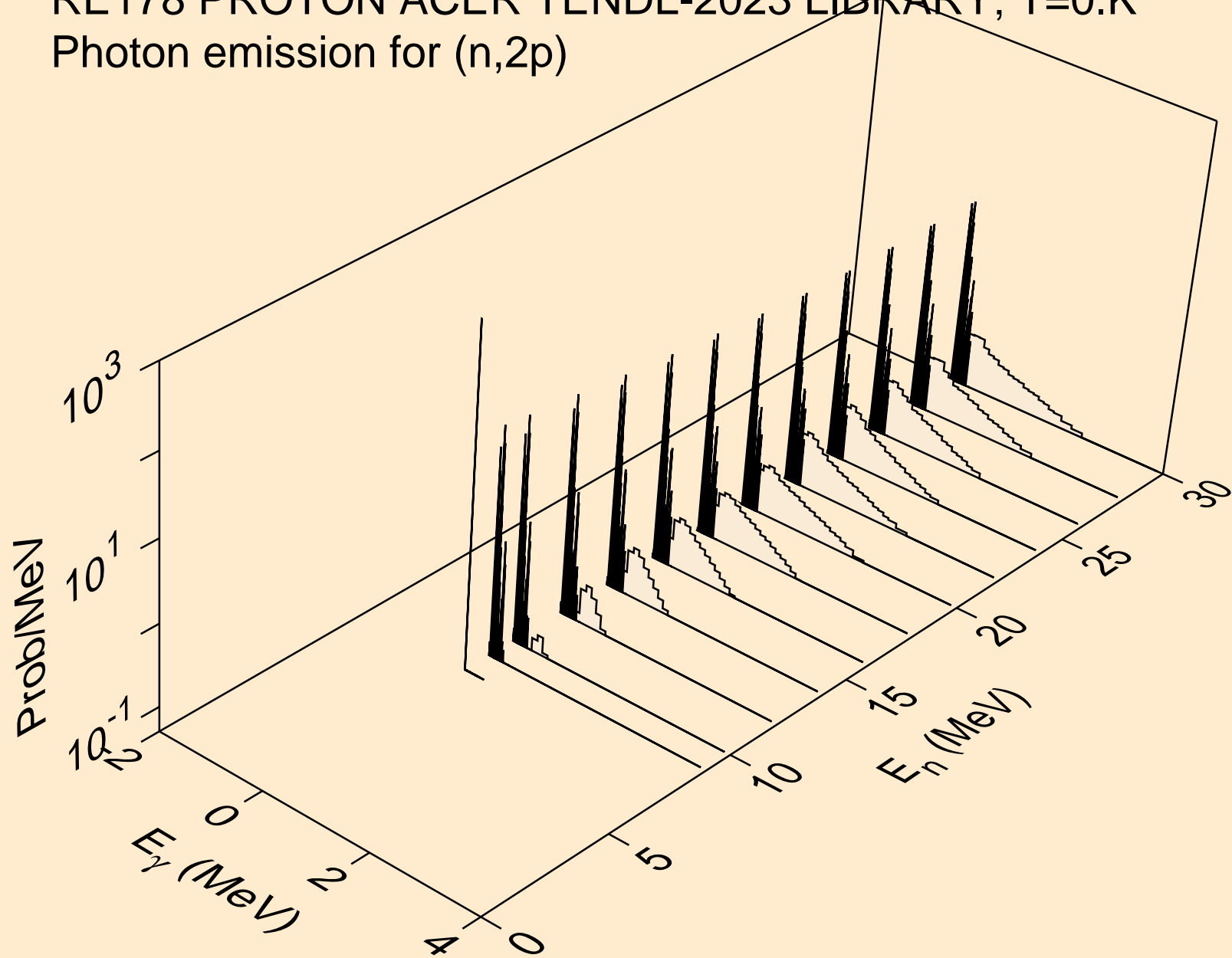
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



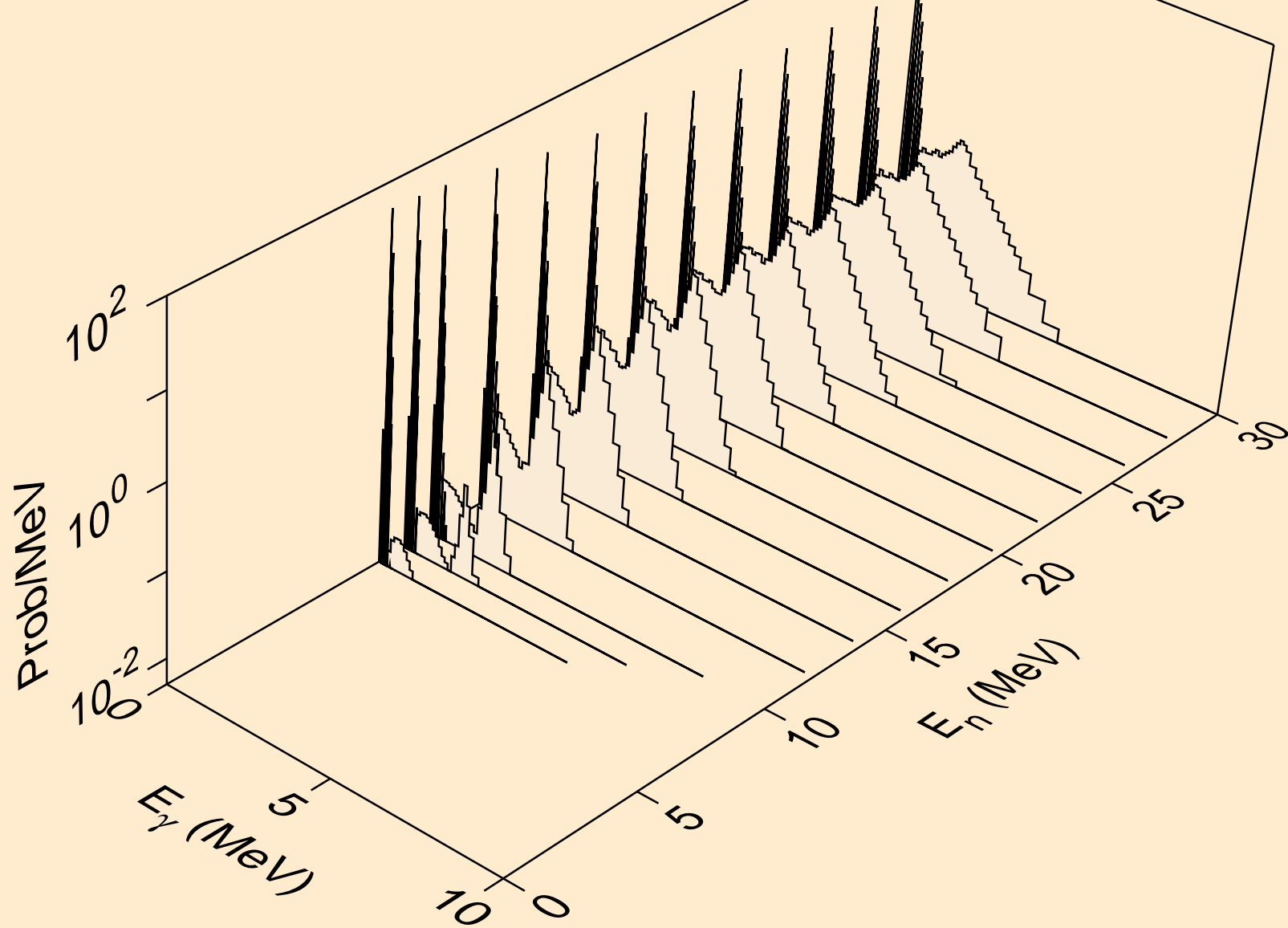
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



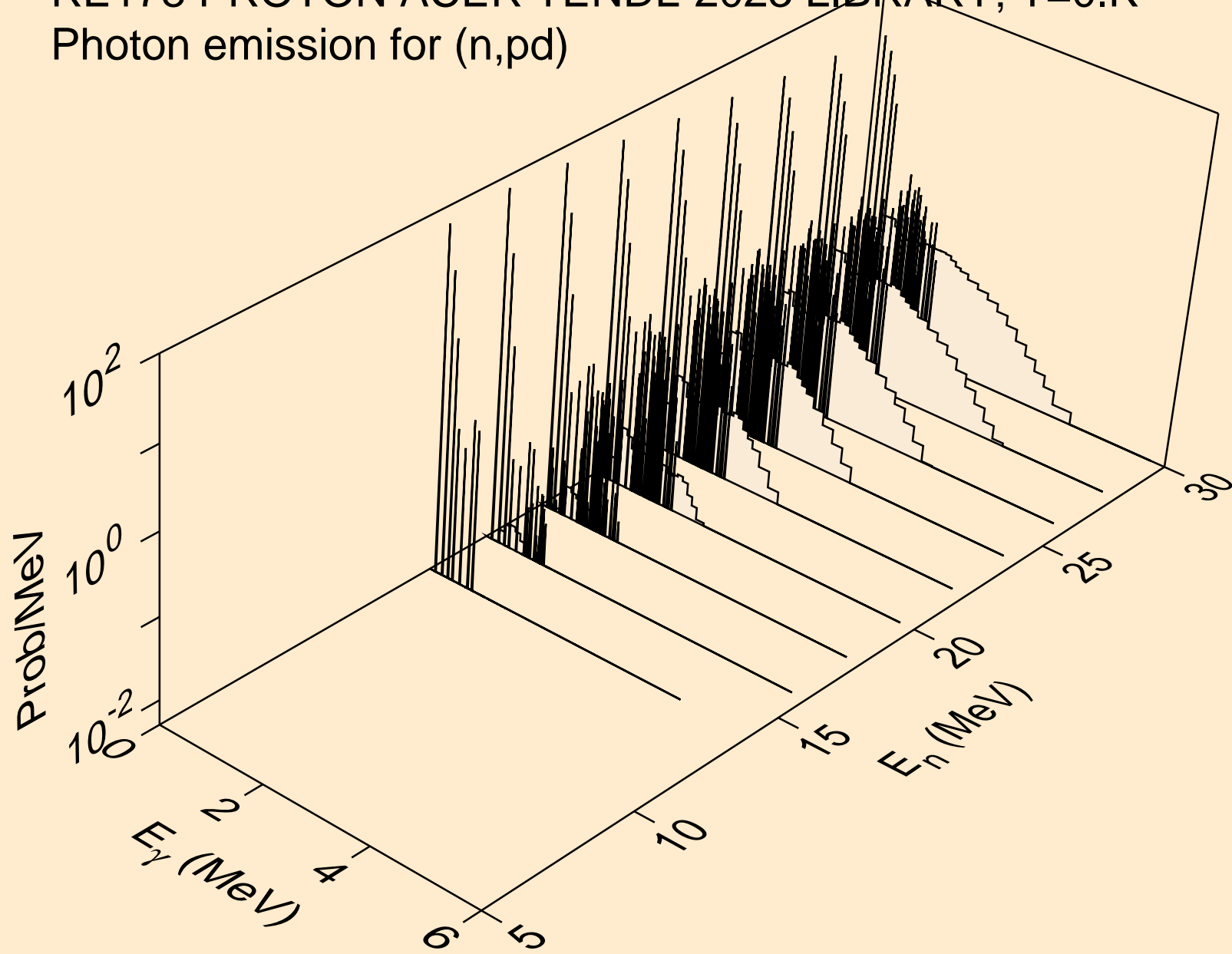
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

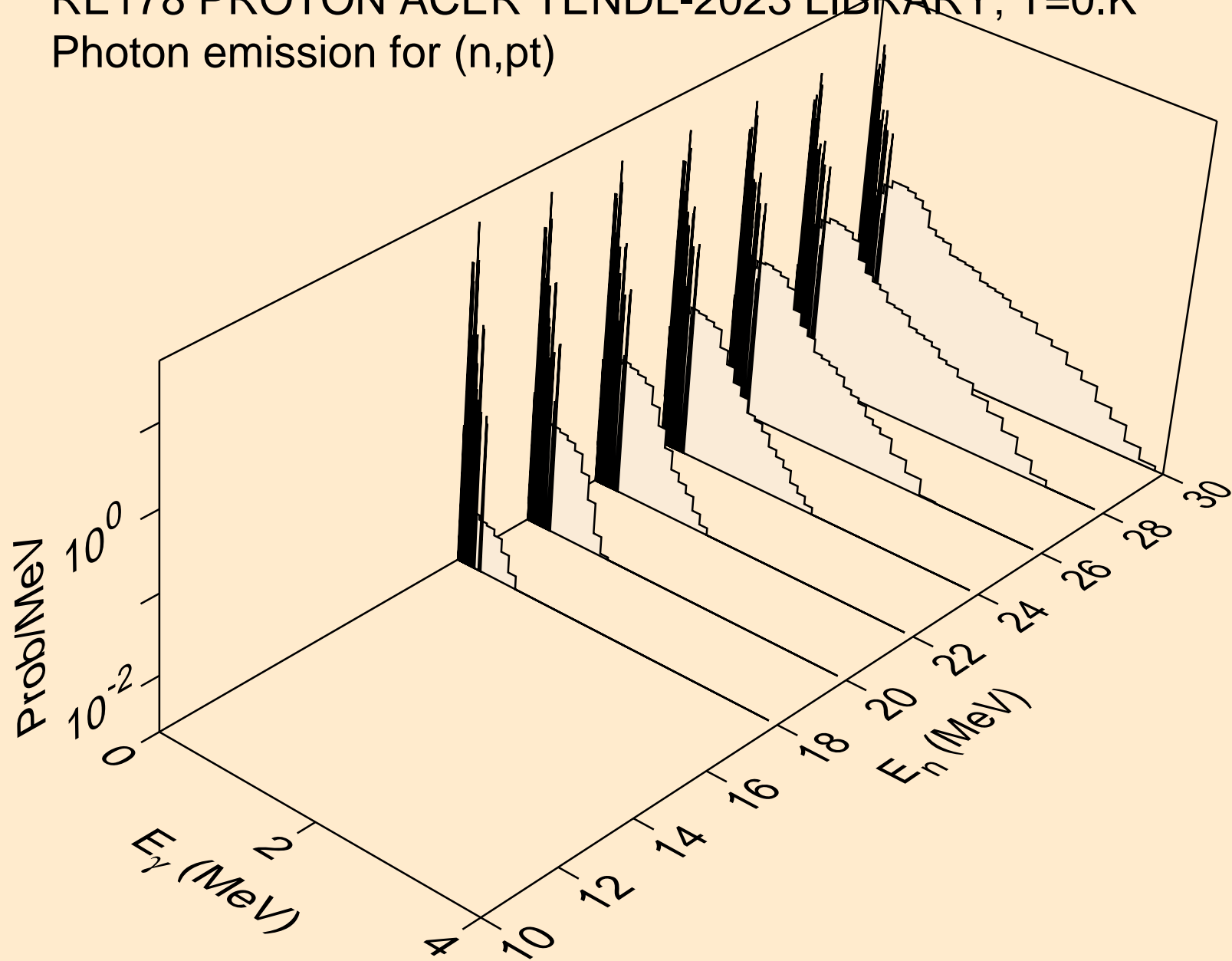


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

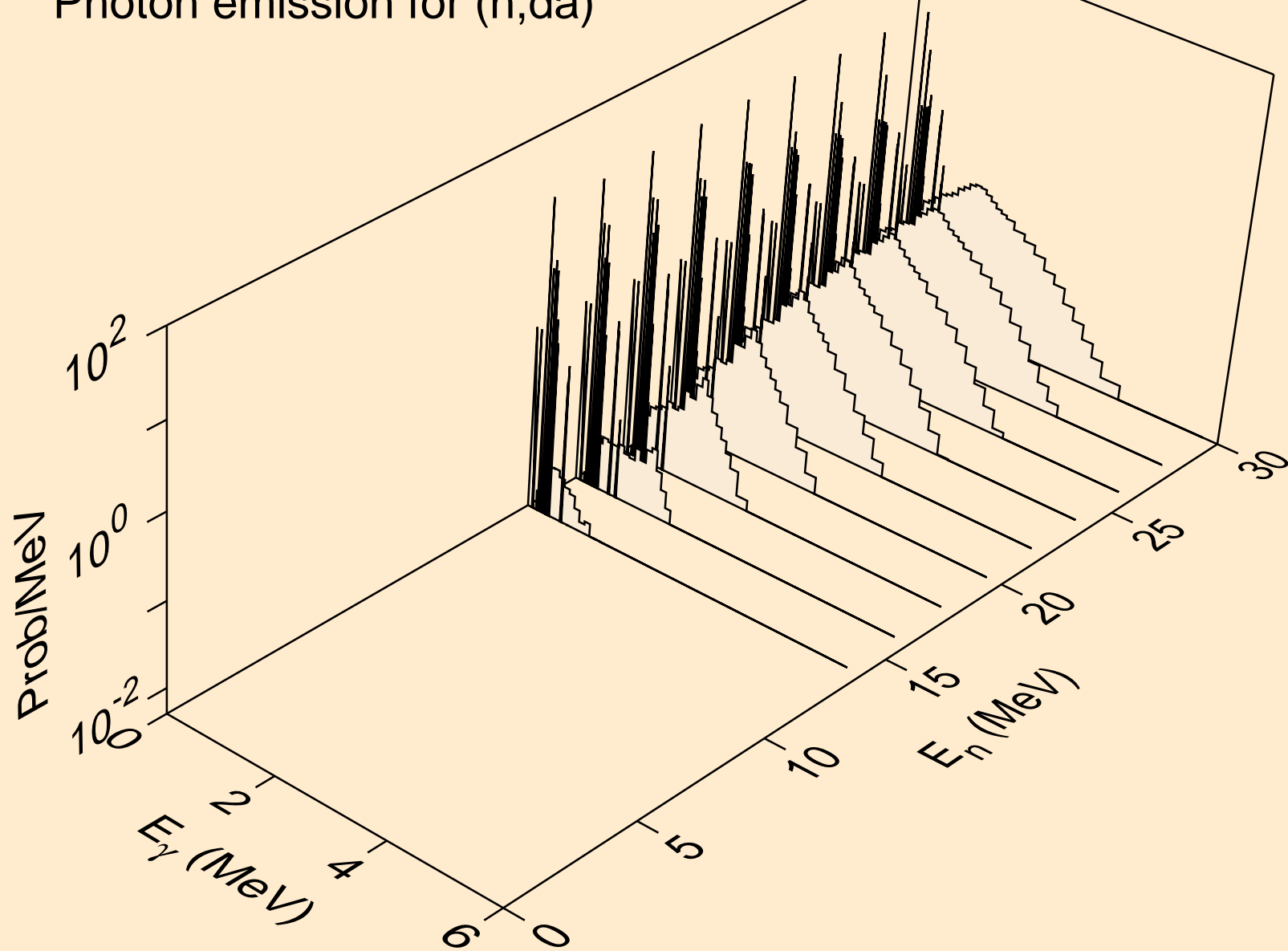




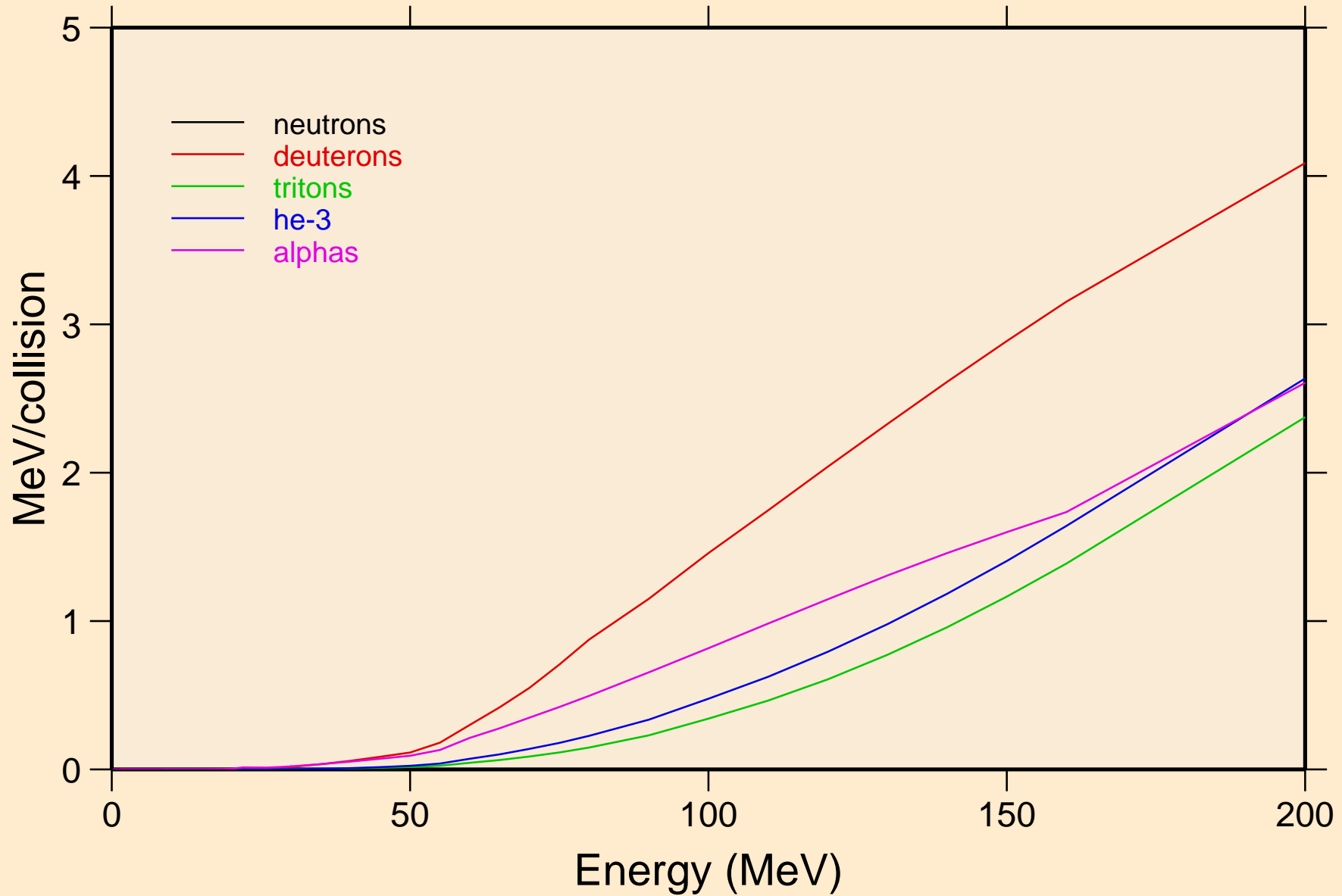
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

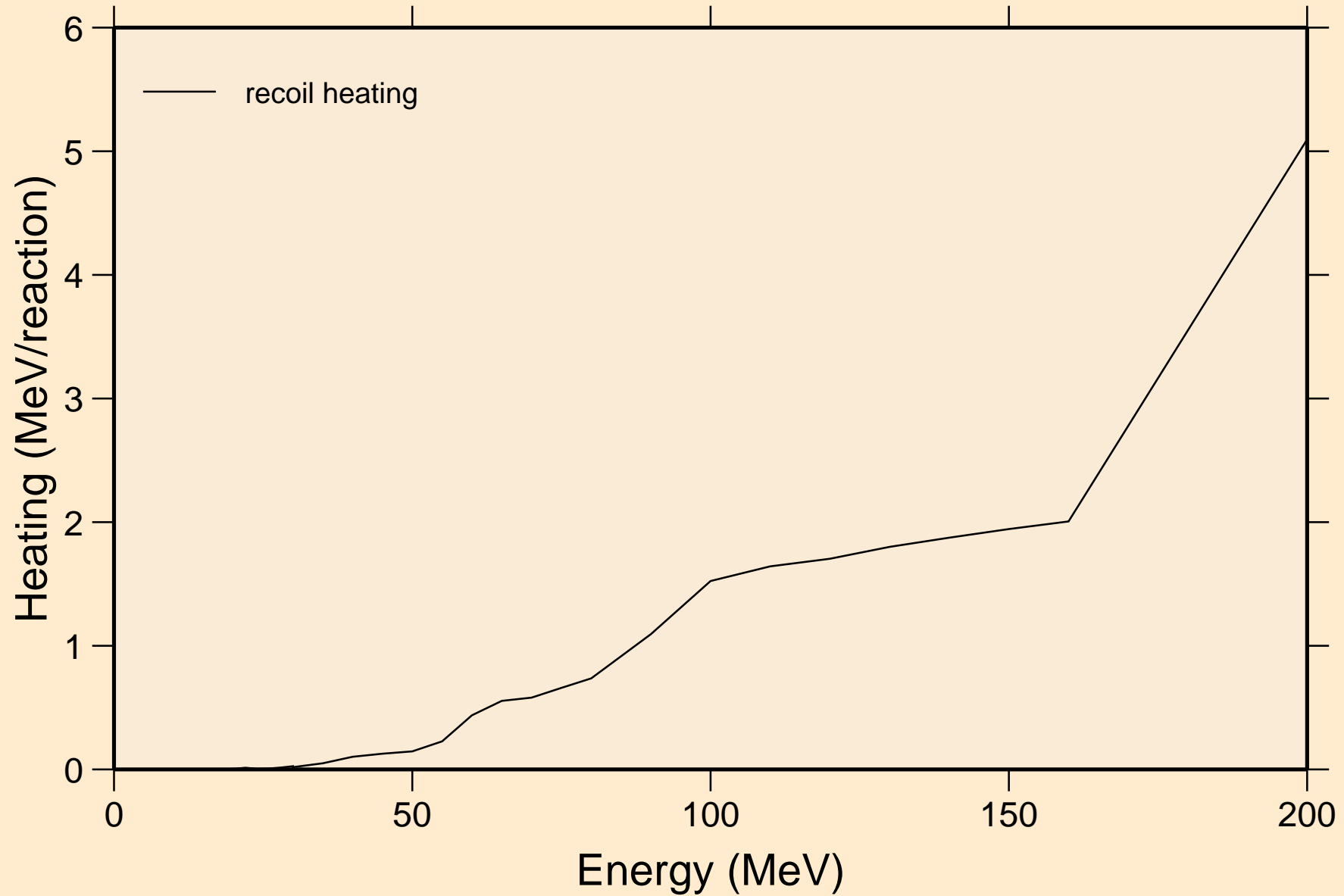


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

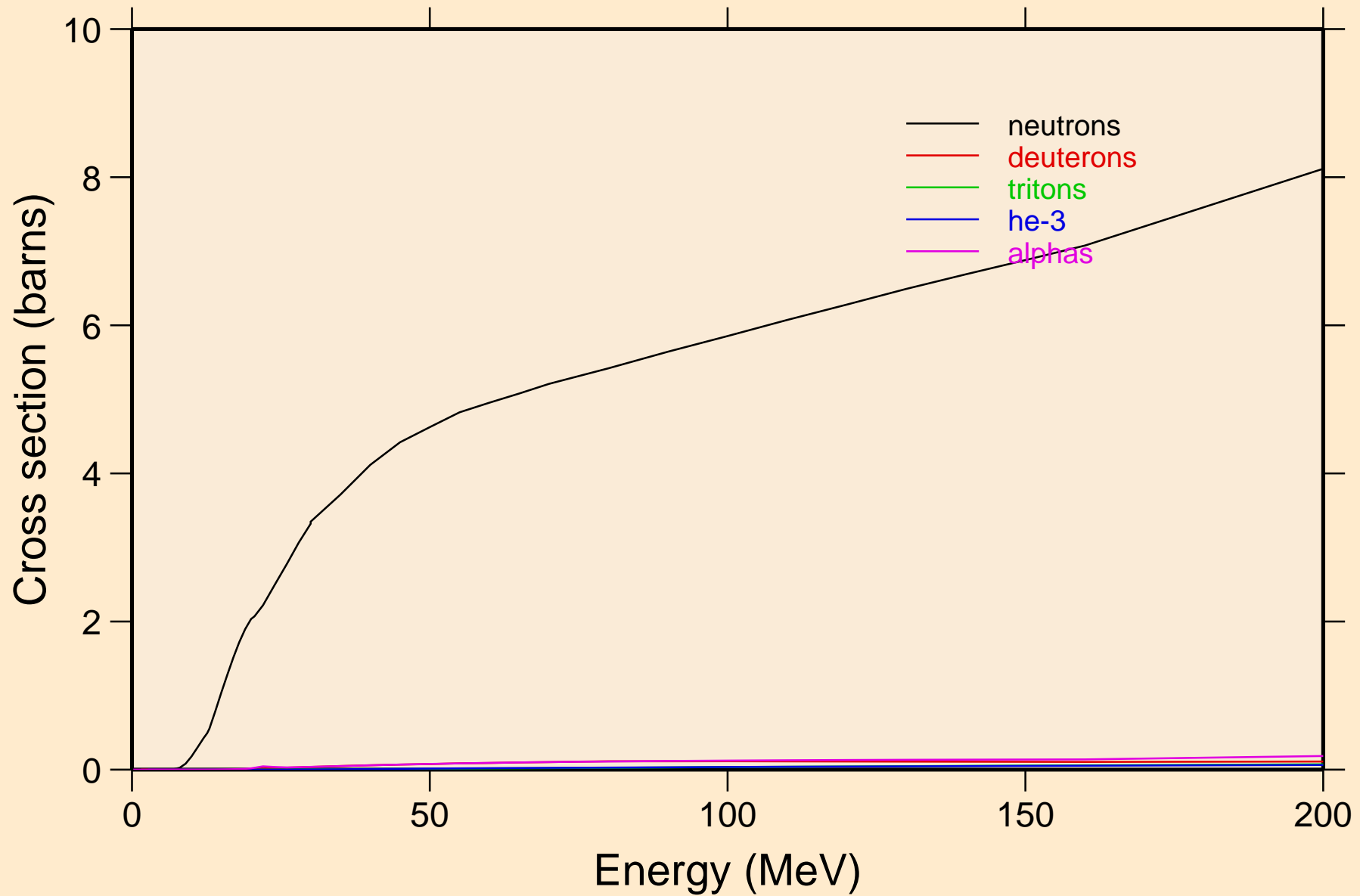


# RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K

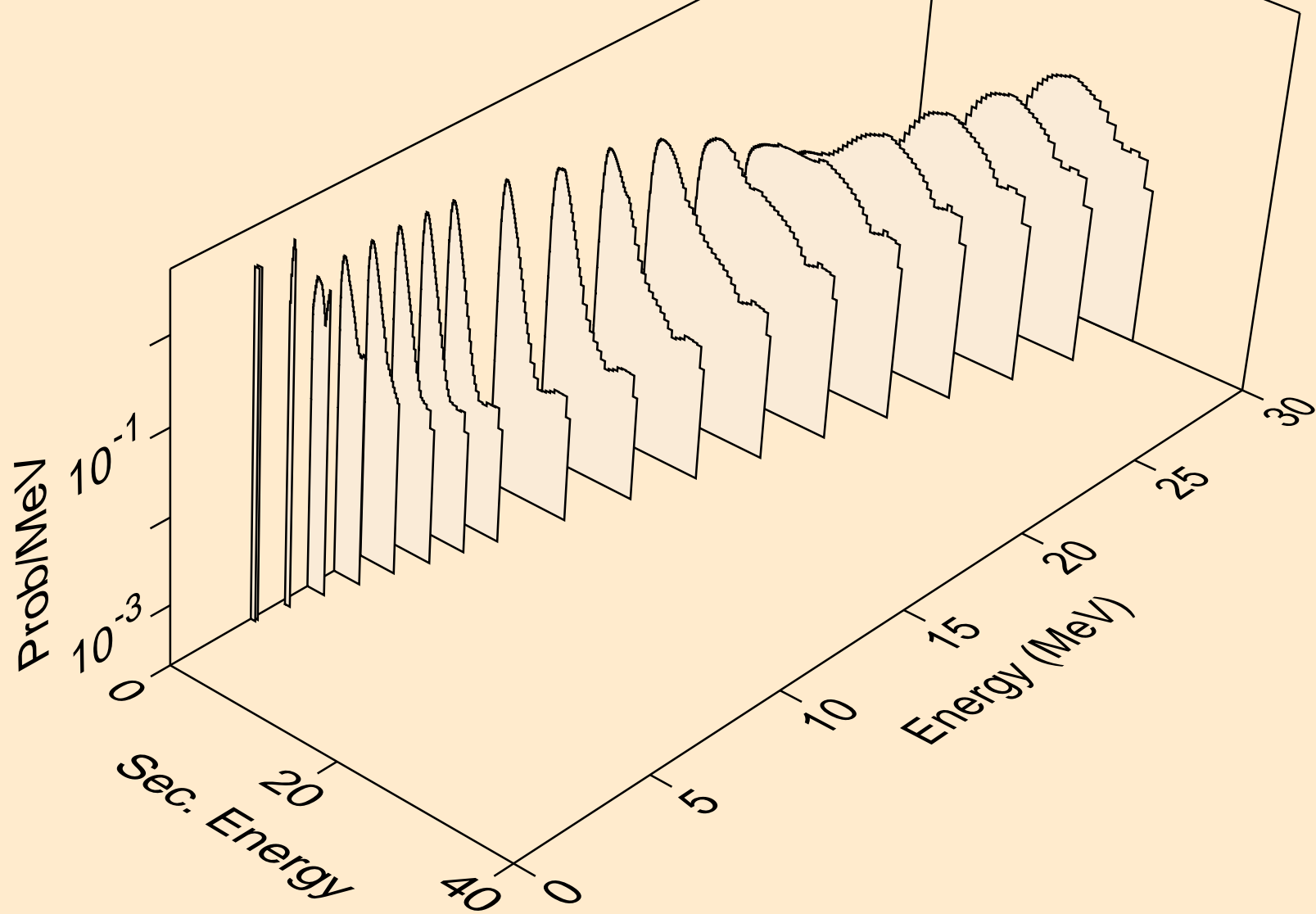
## Recoil Heating



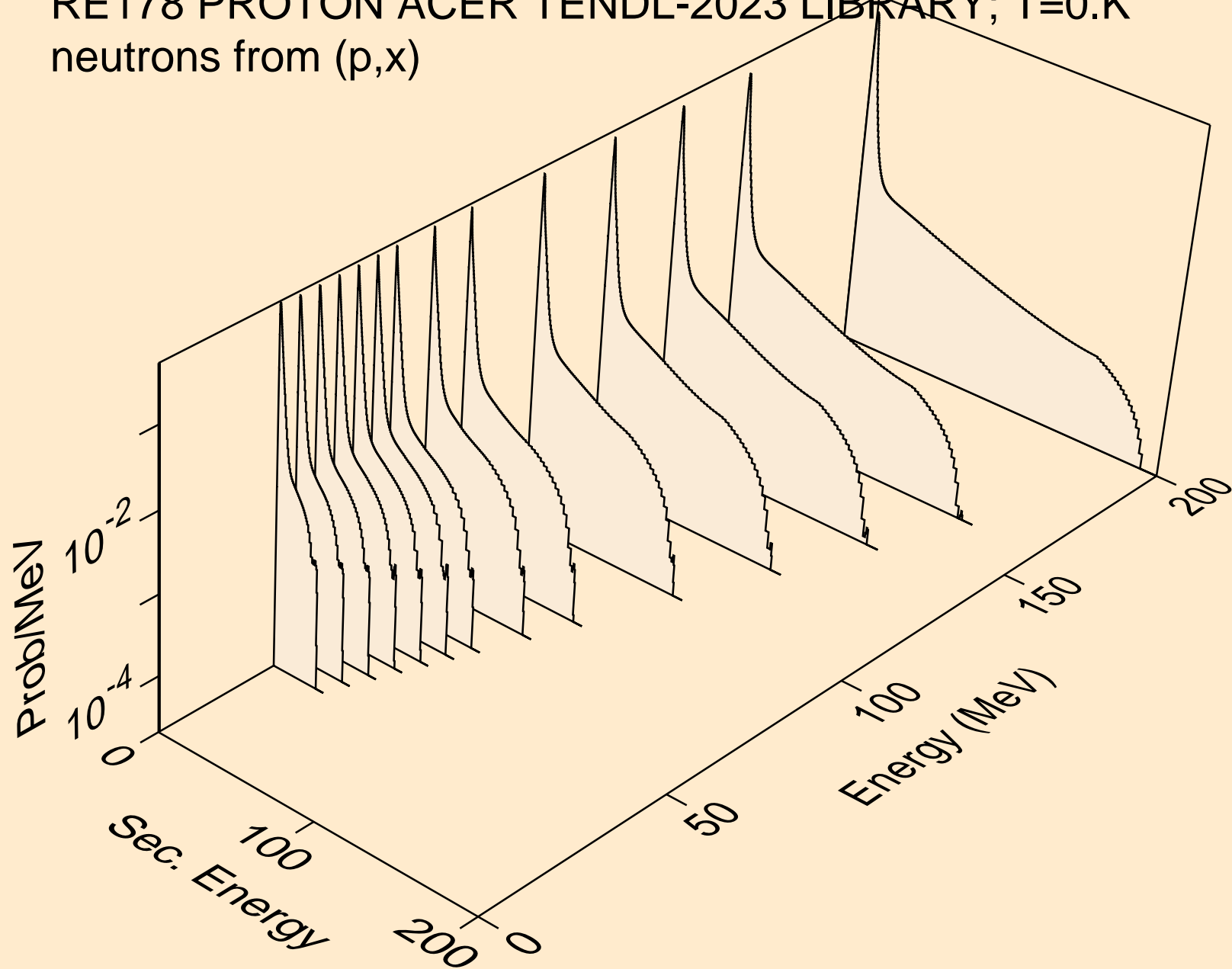
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



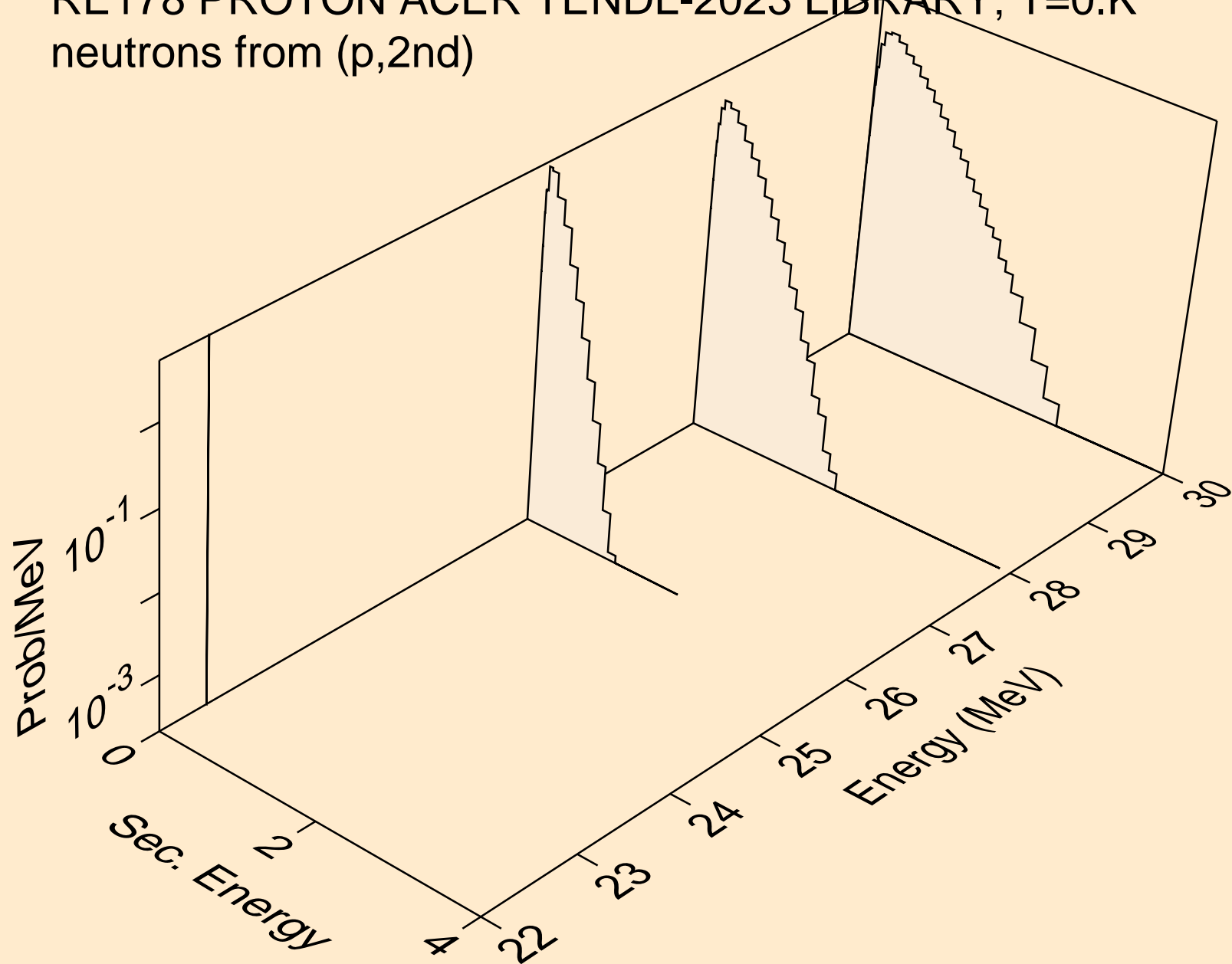
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

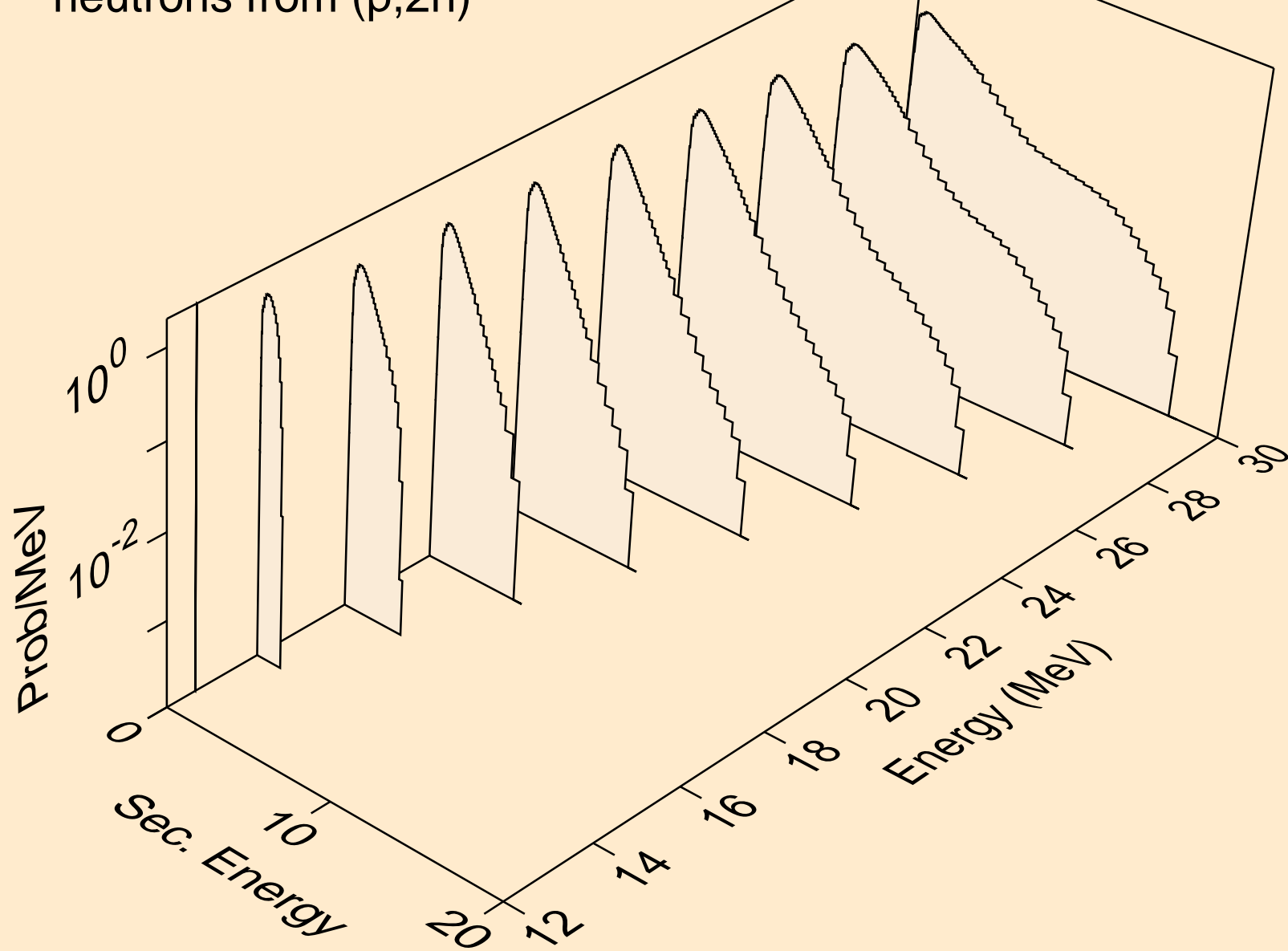


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

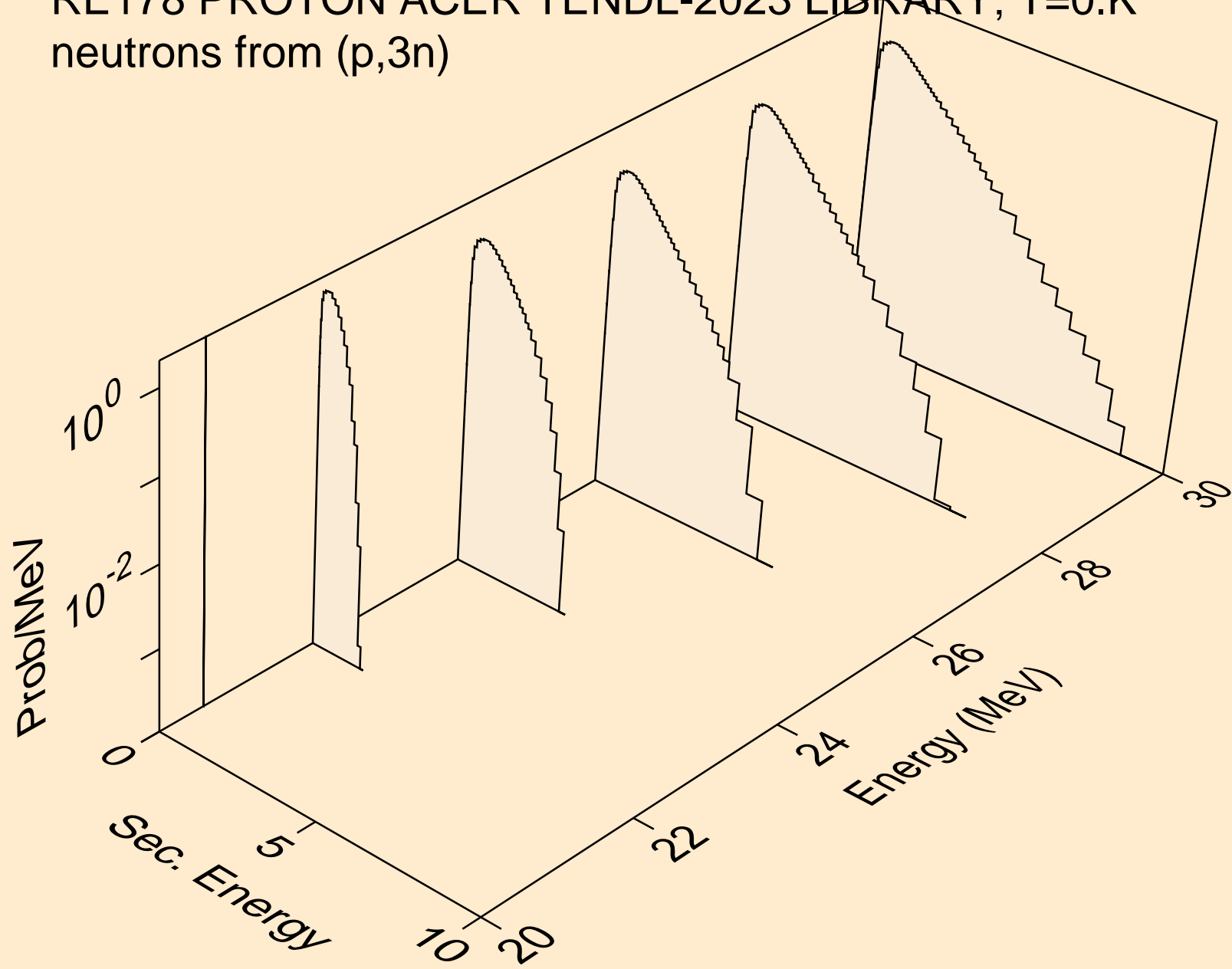




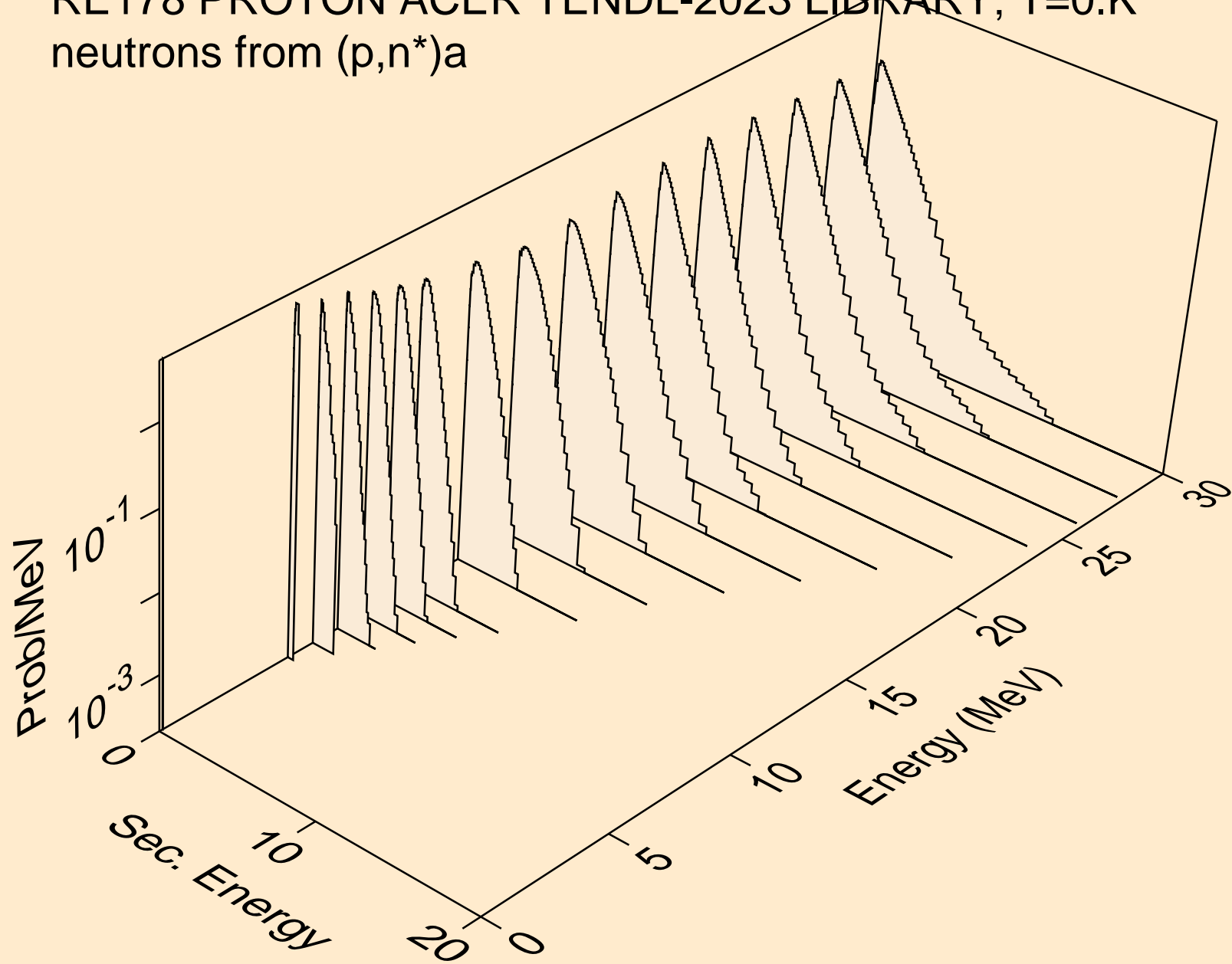
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



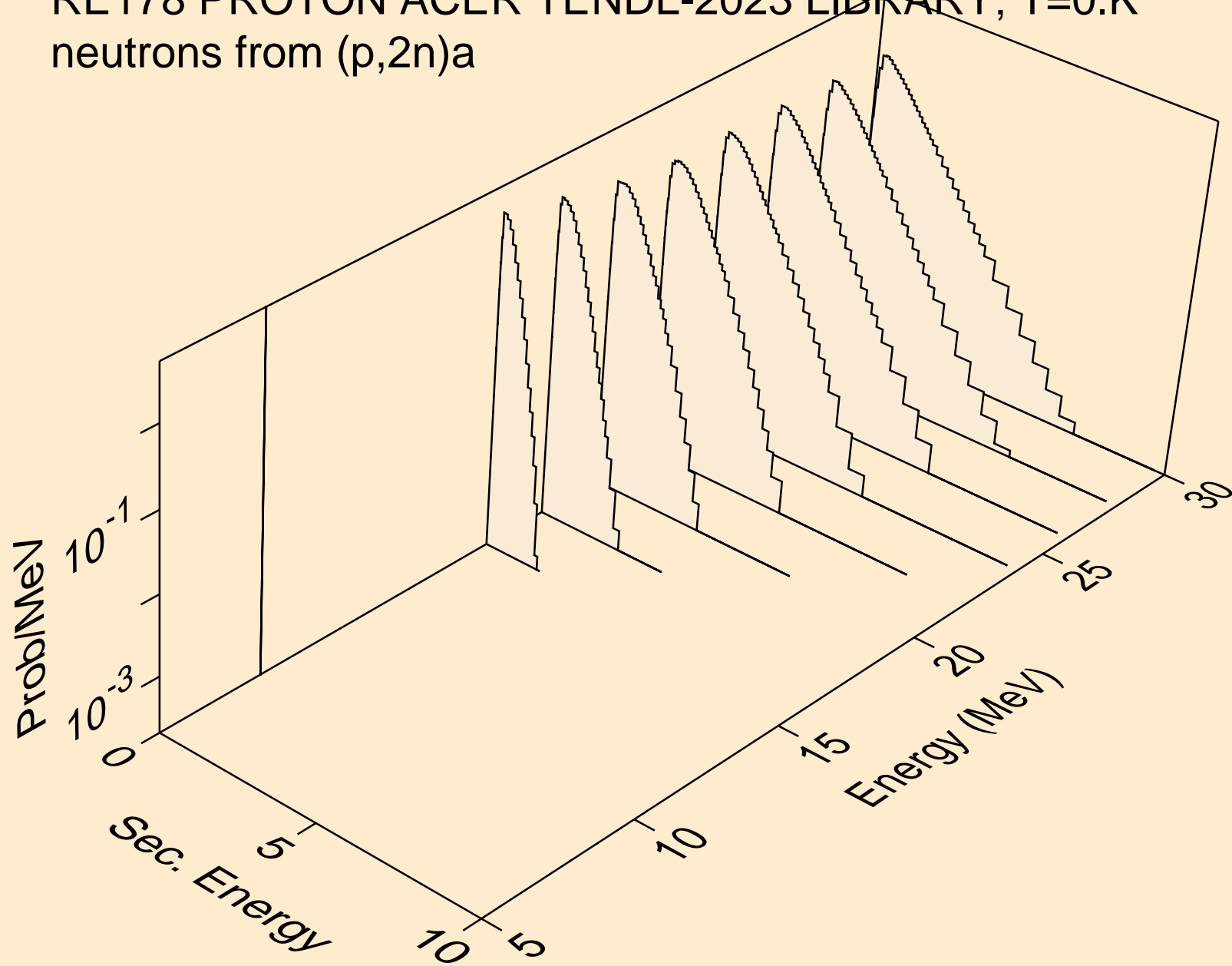
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



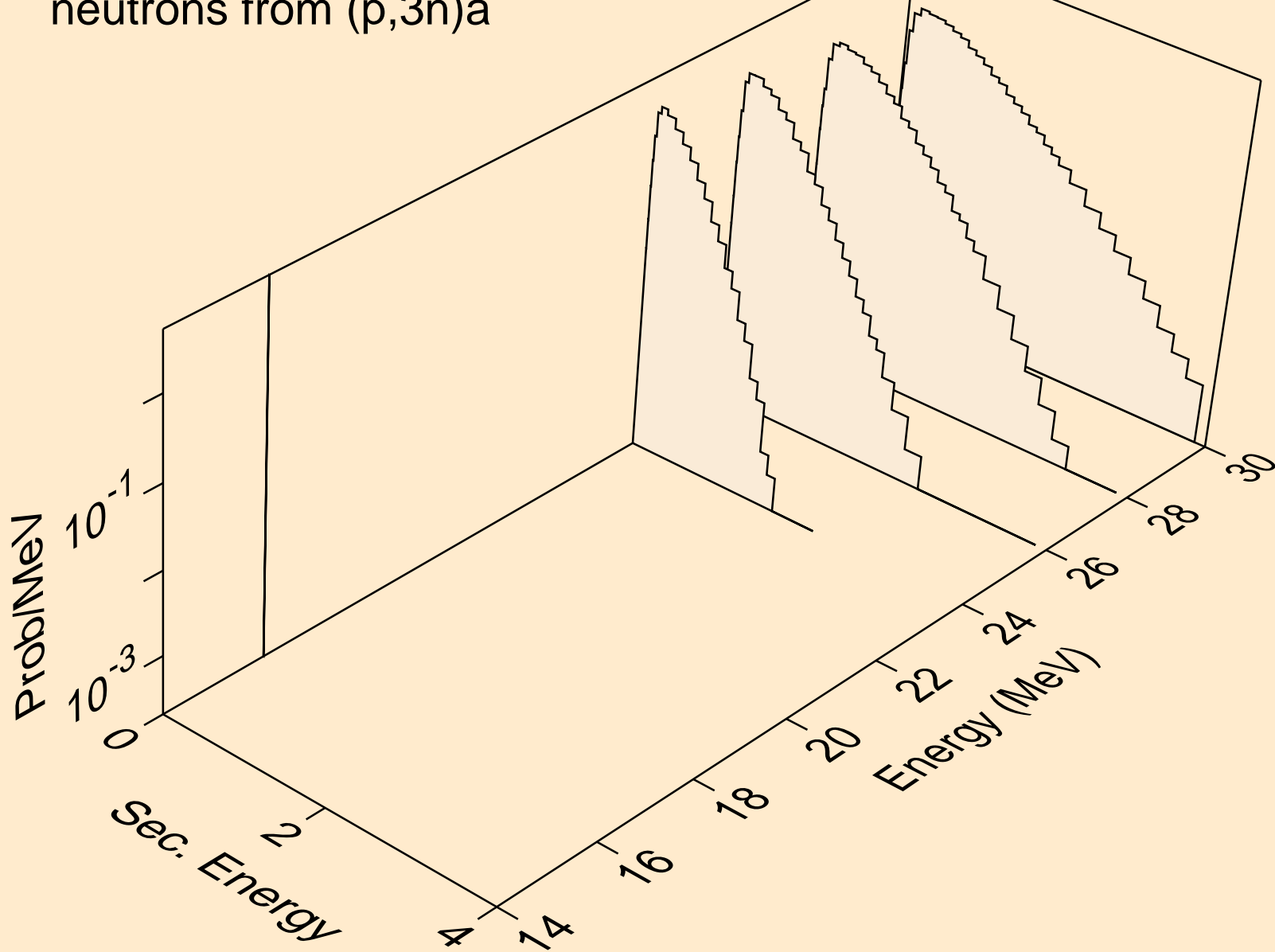
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



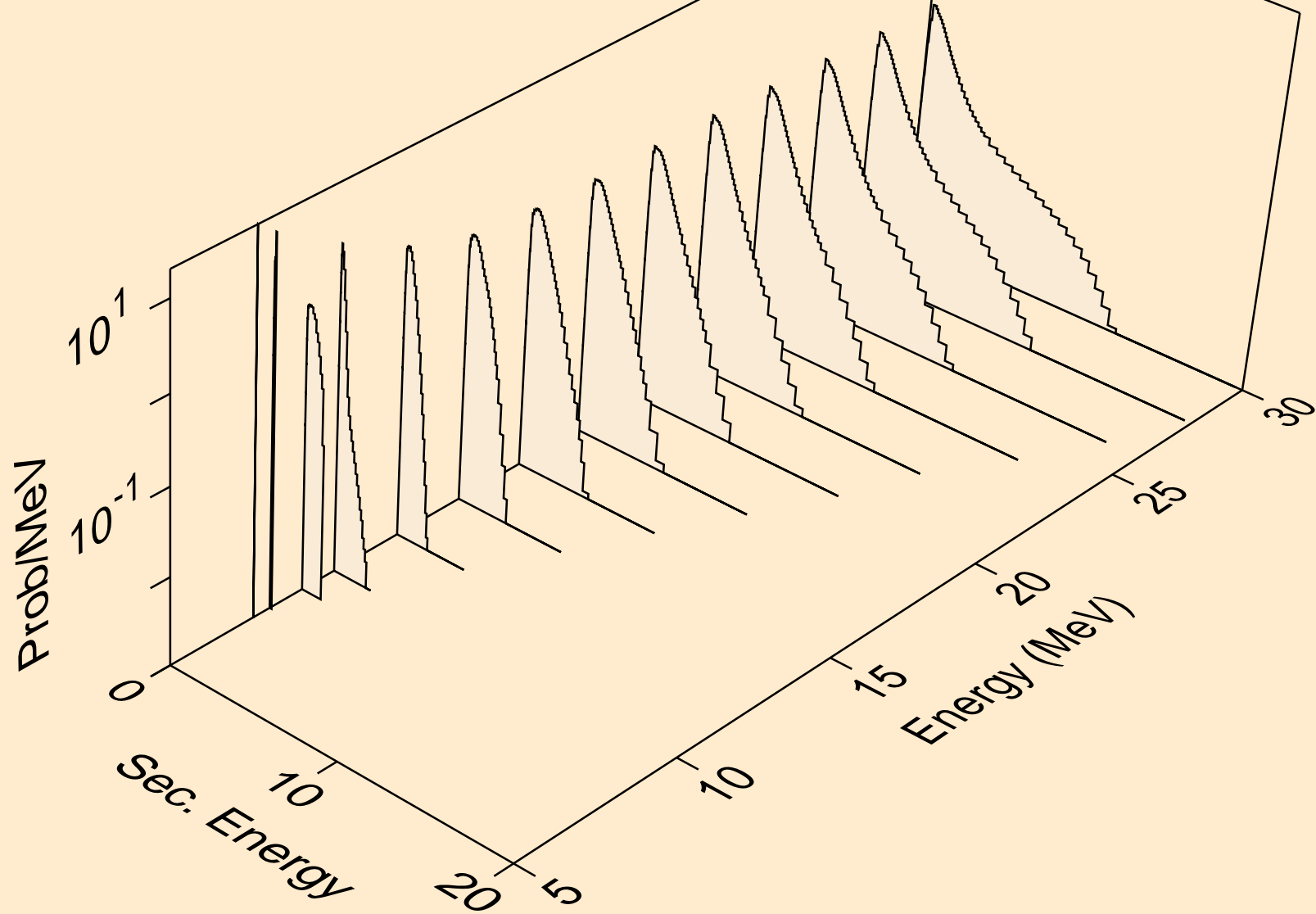
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



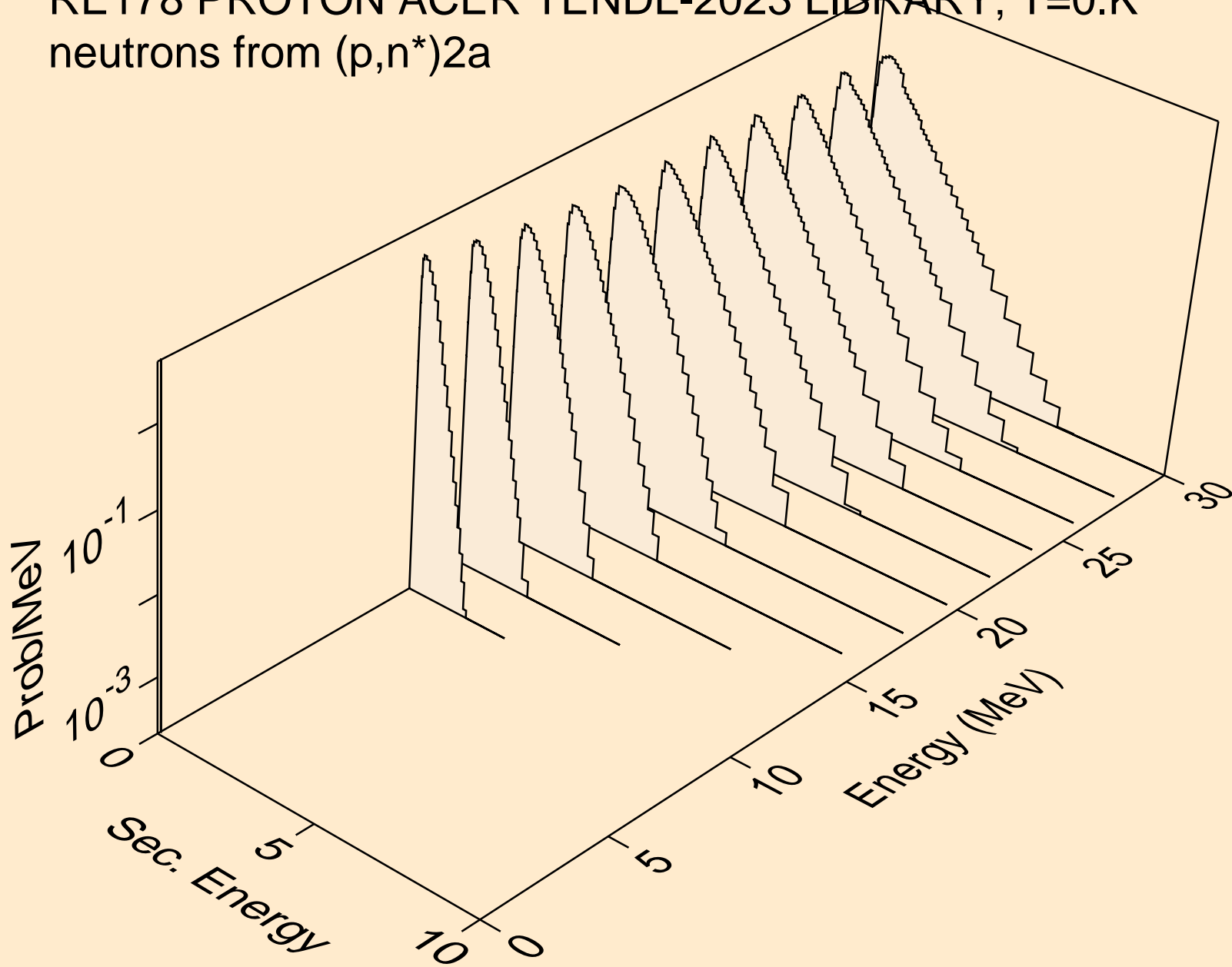
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



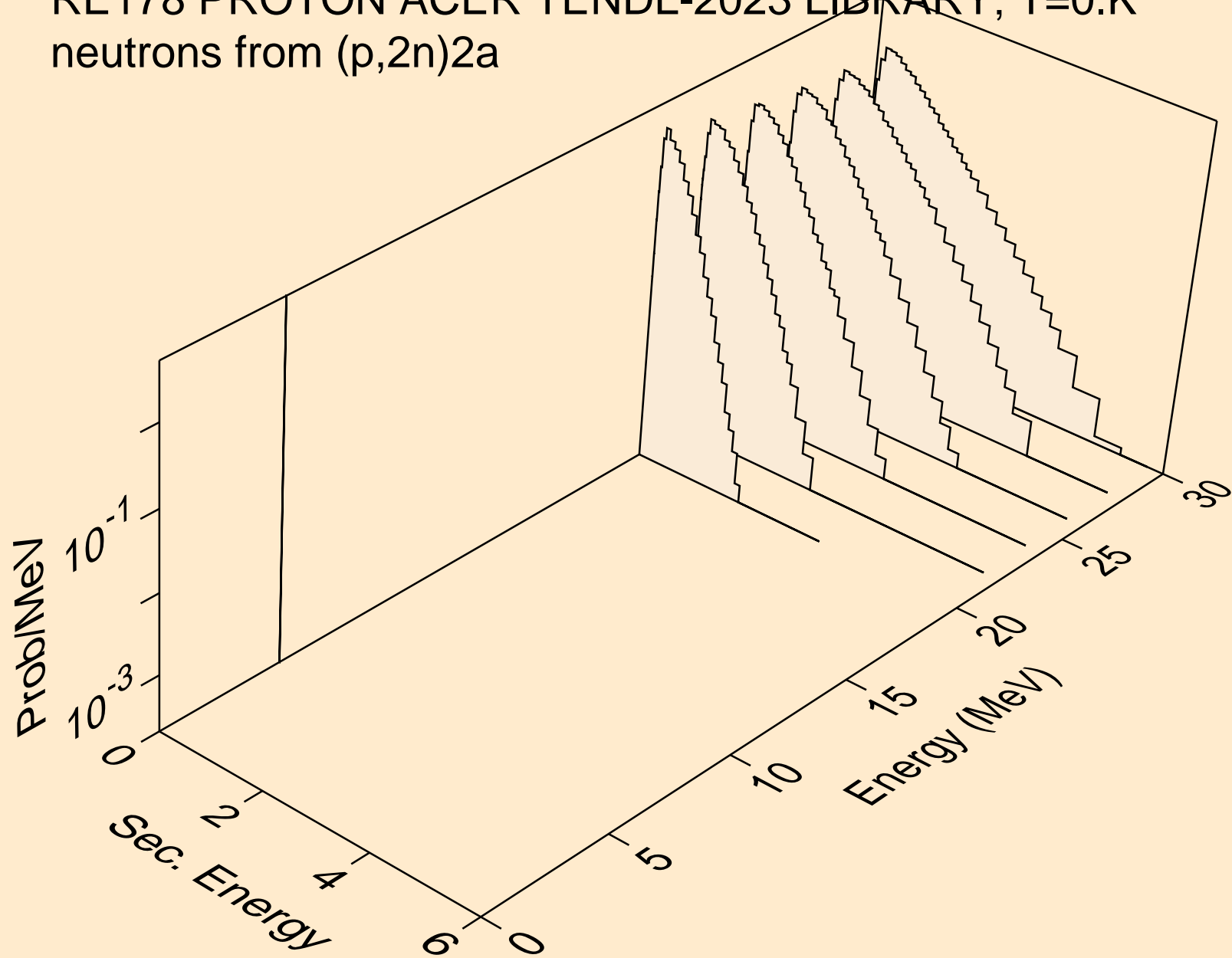
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

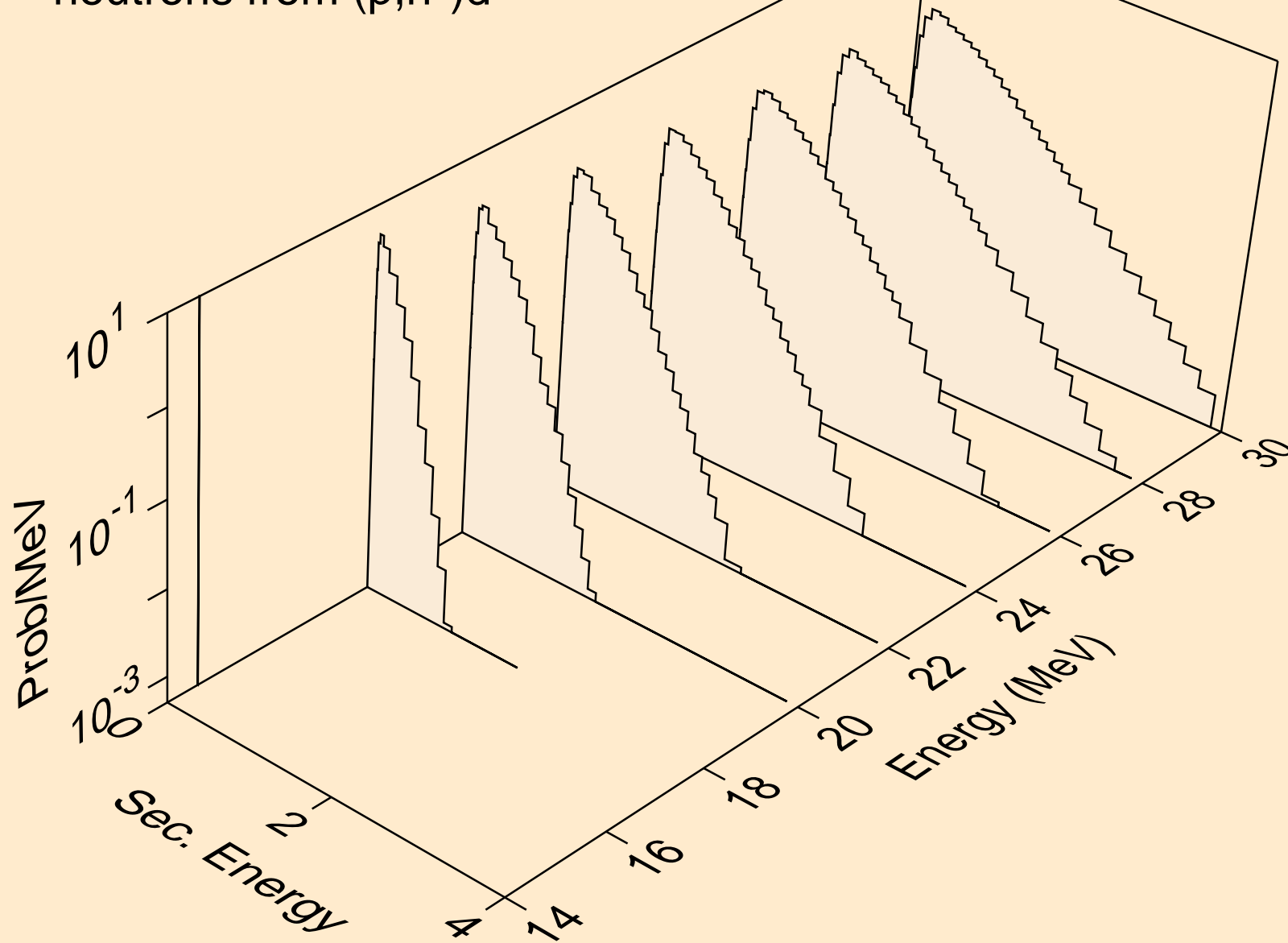


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)2a

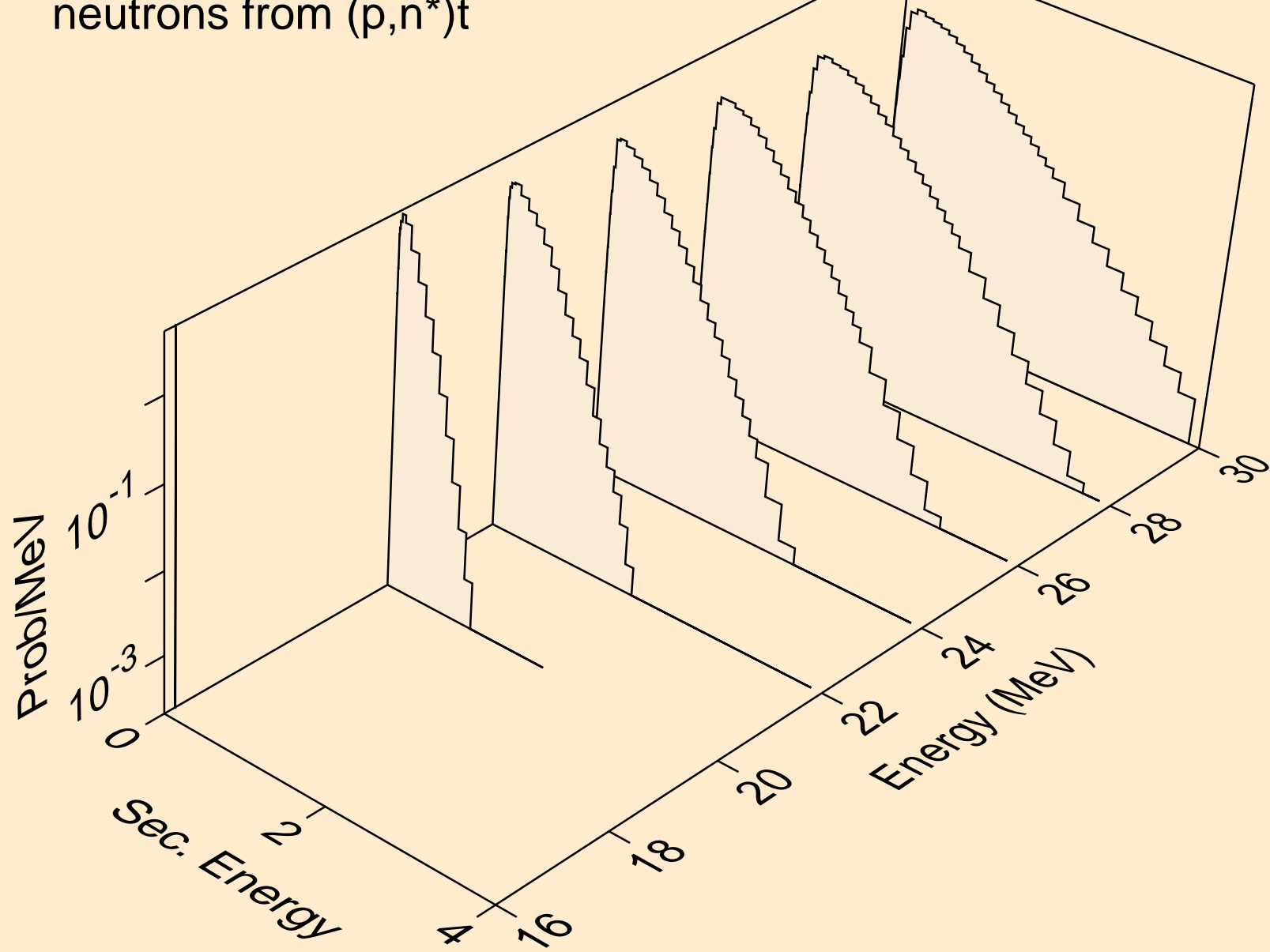




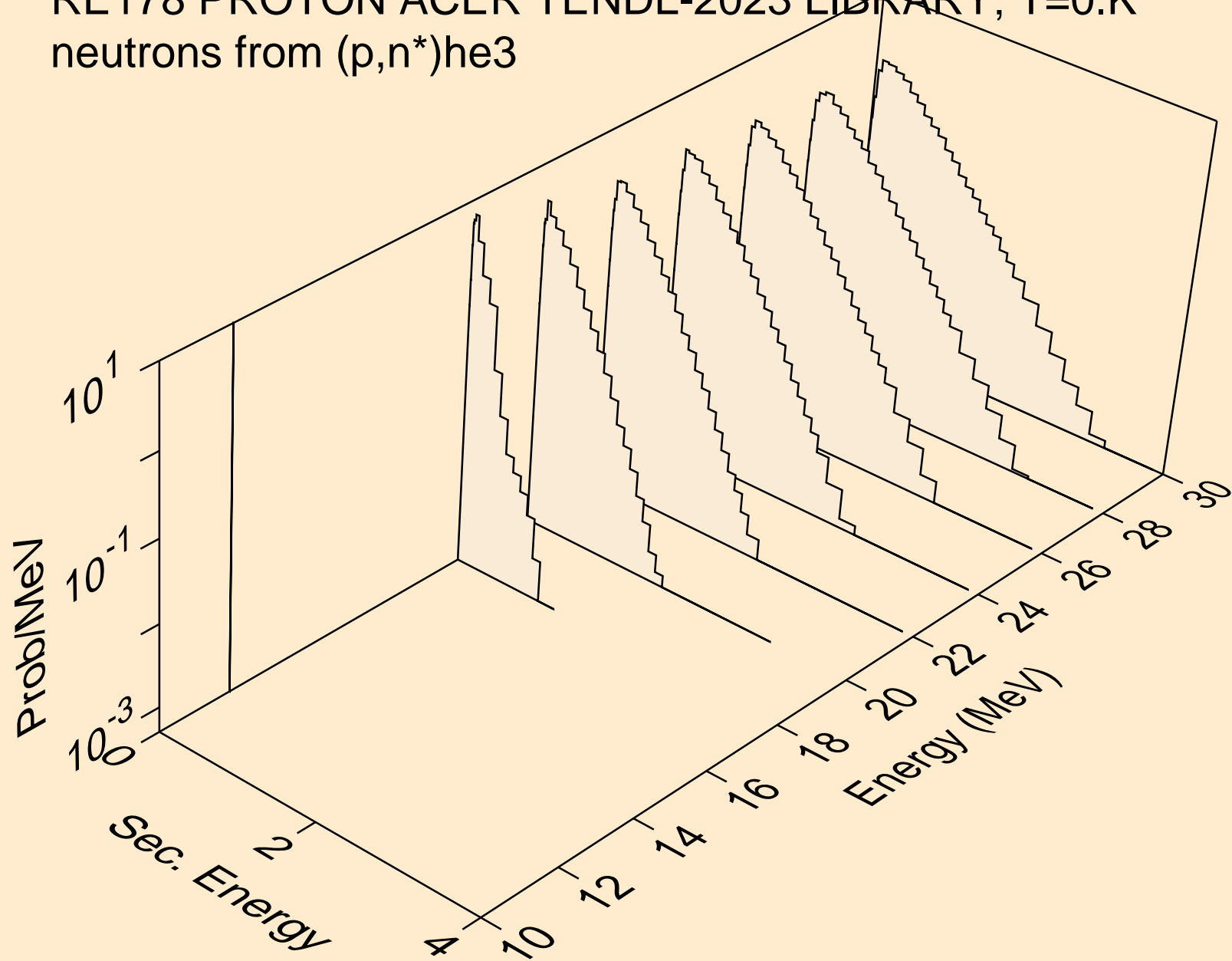
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



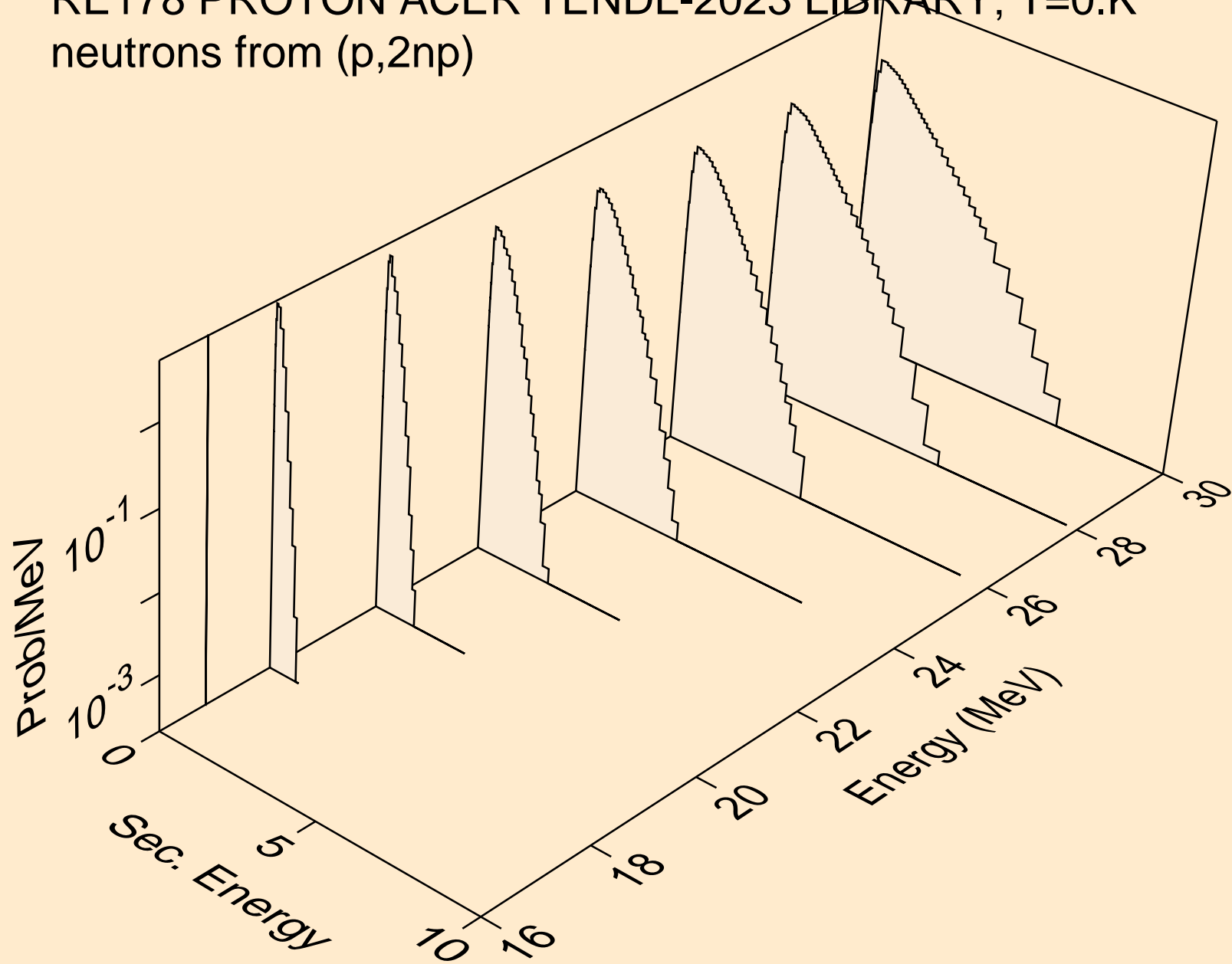
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



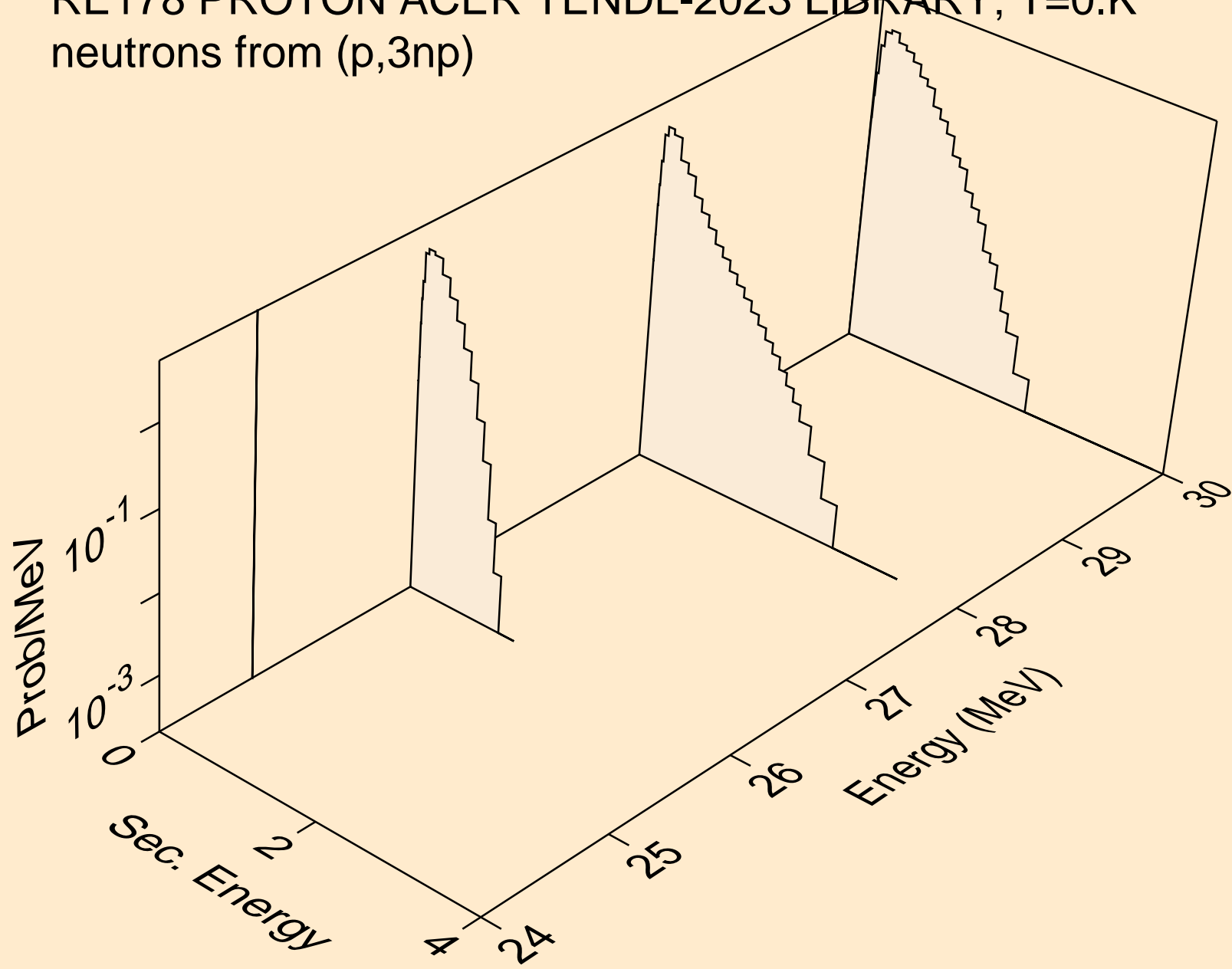
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



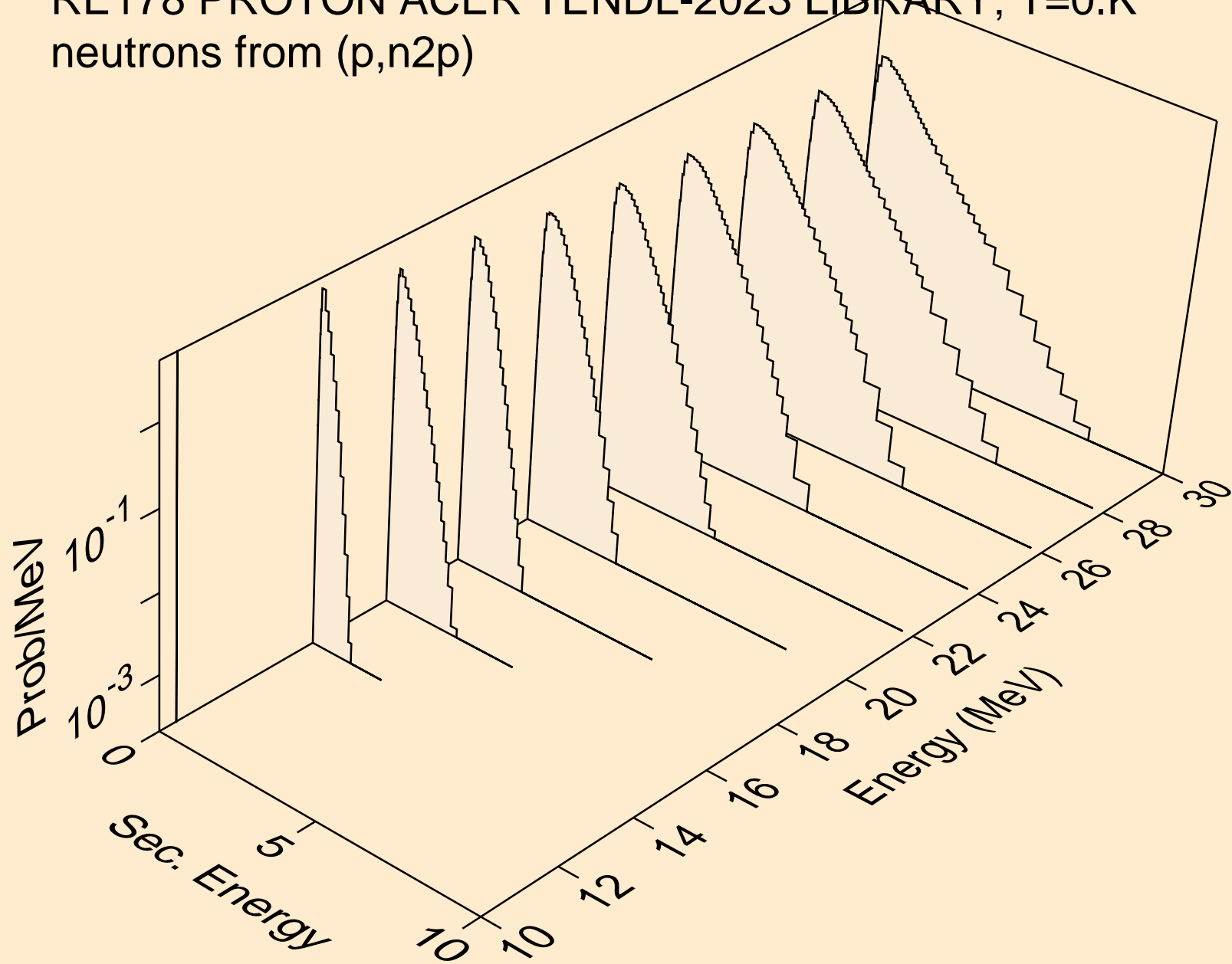
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



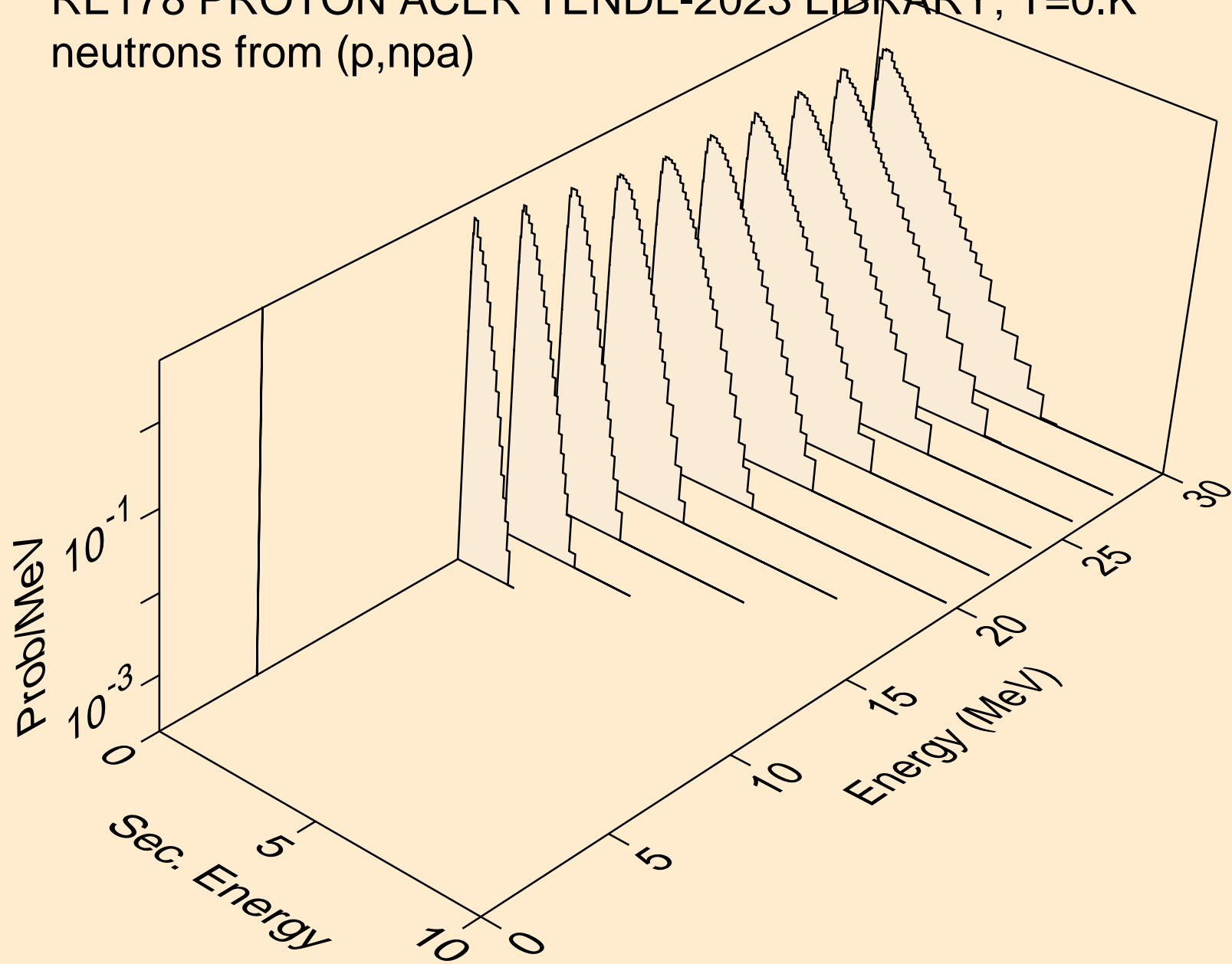
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



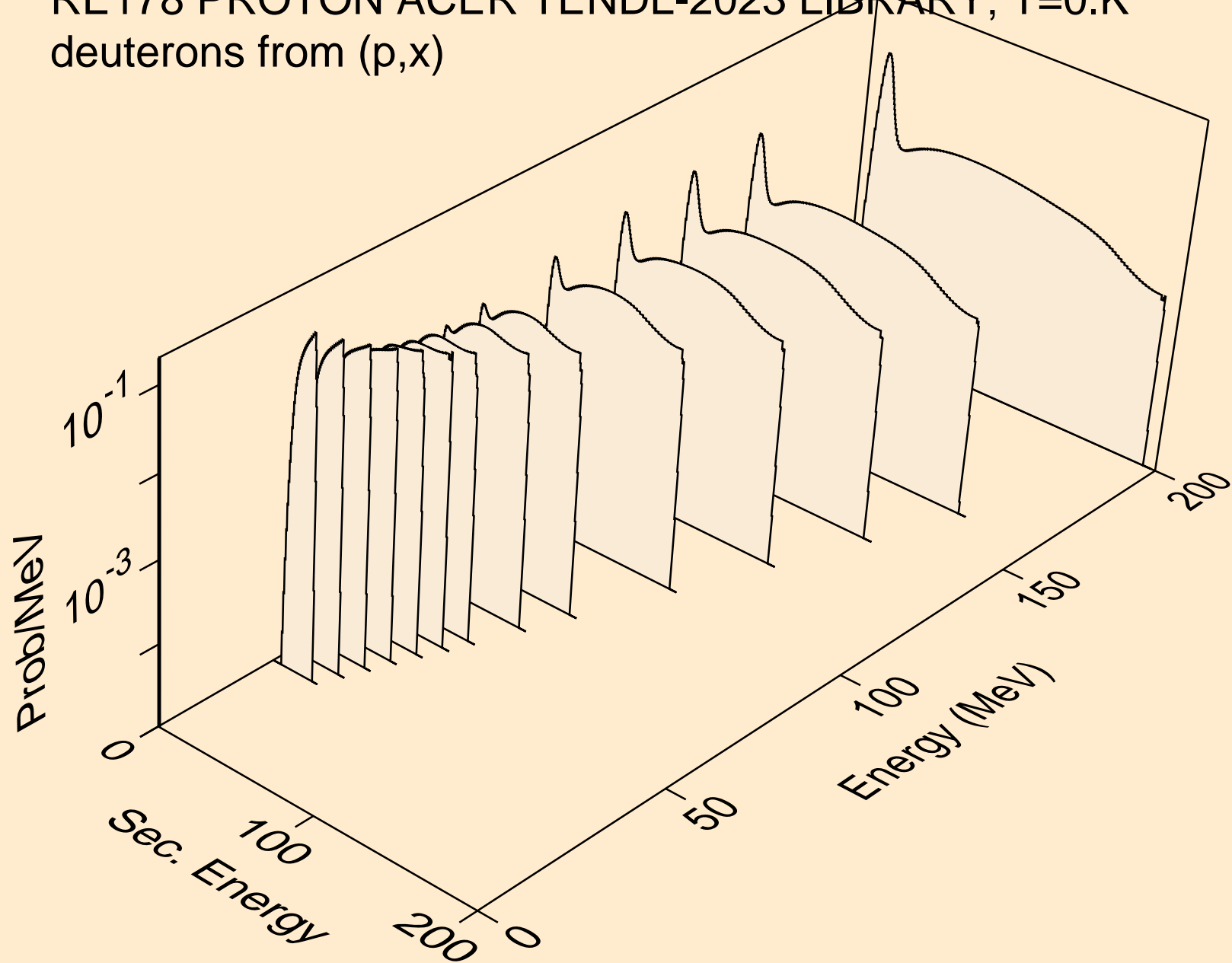
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

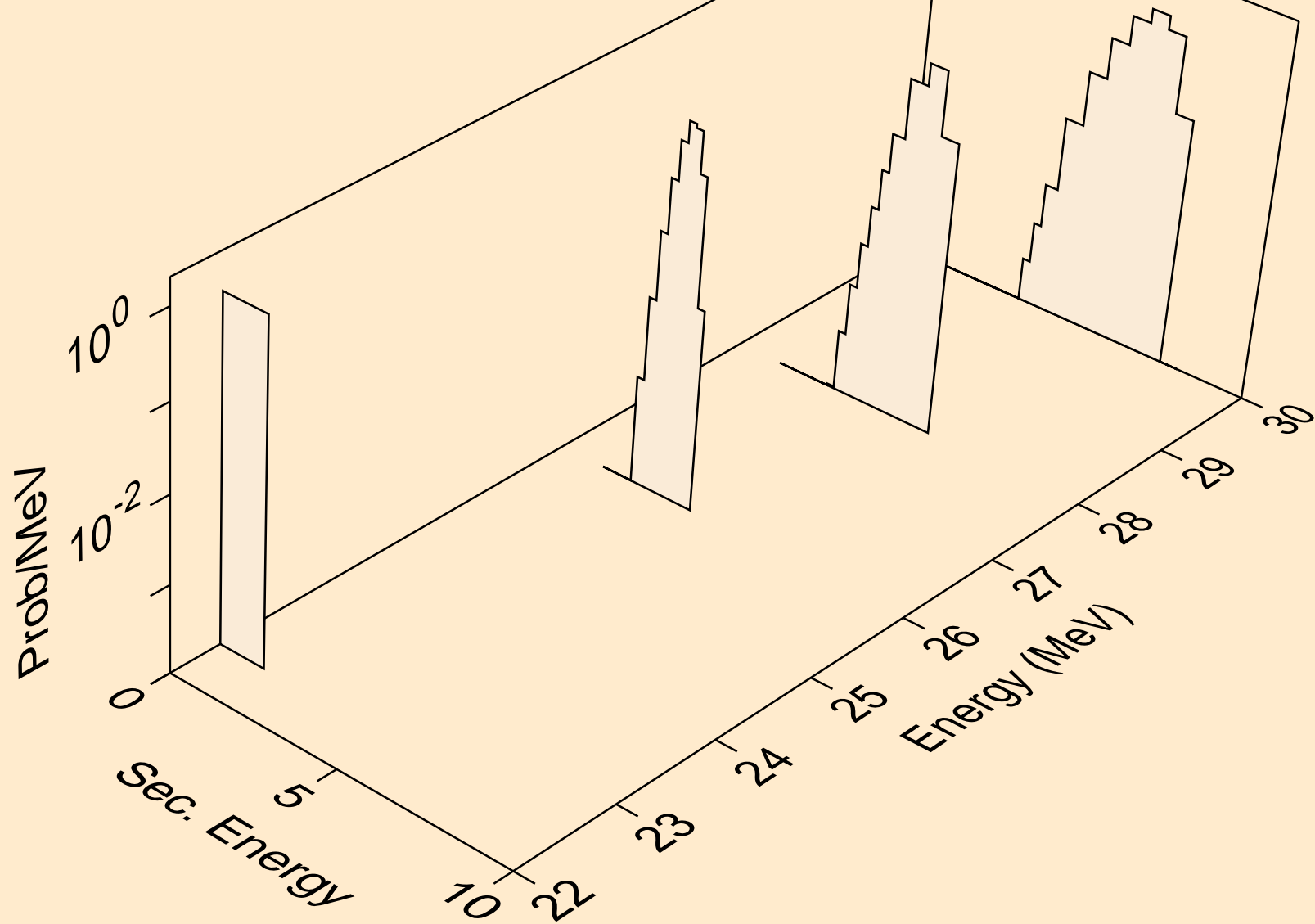


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

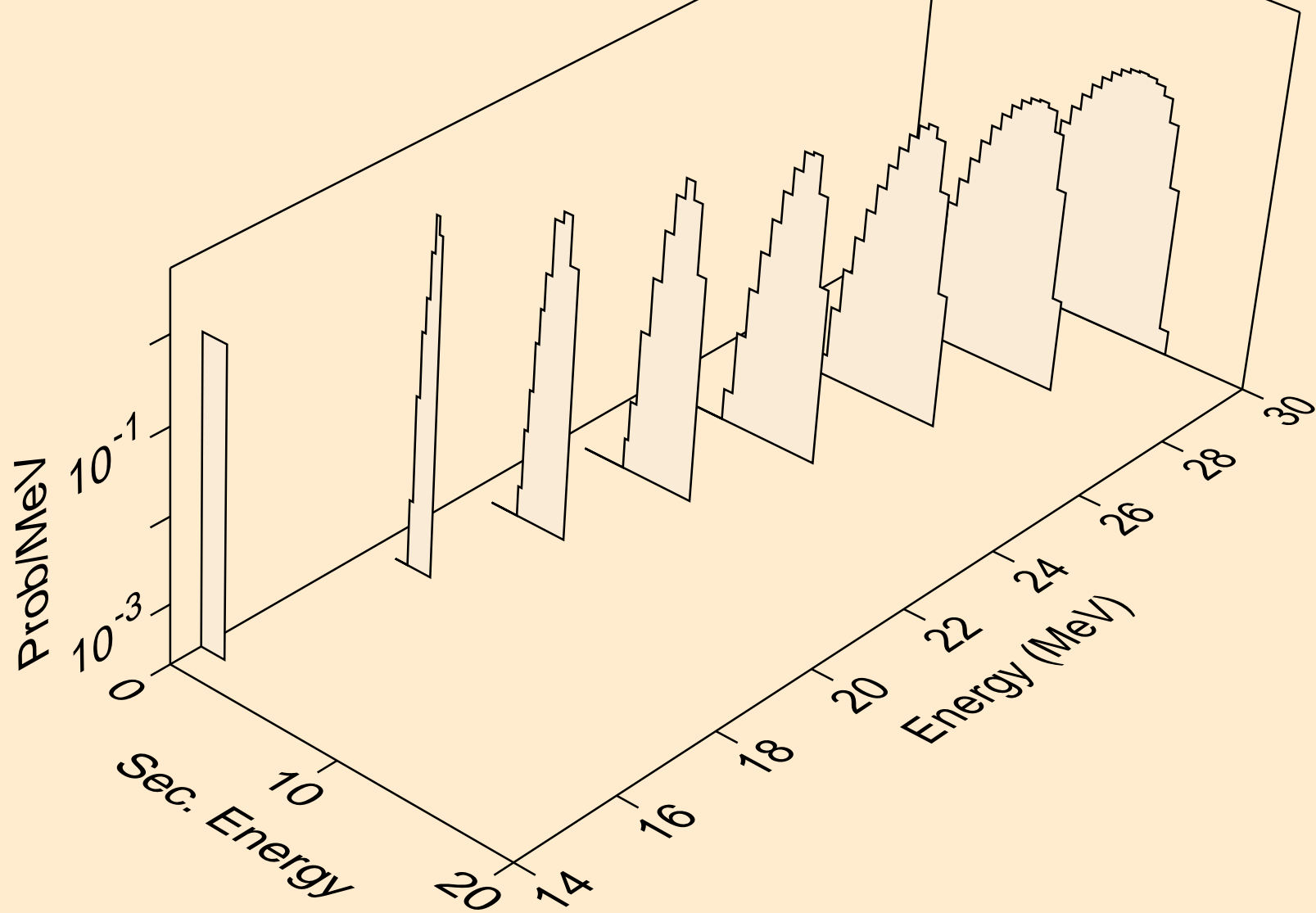




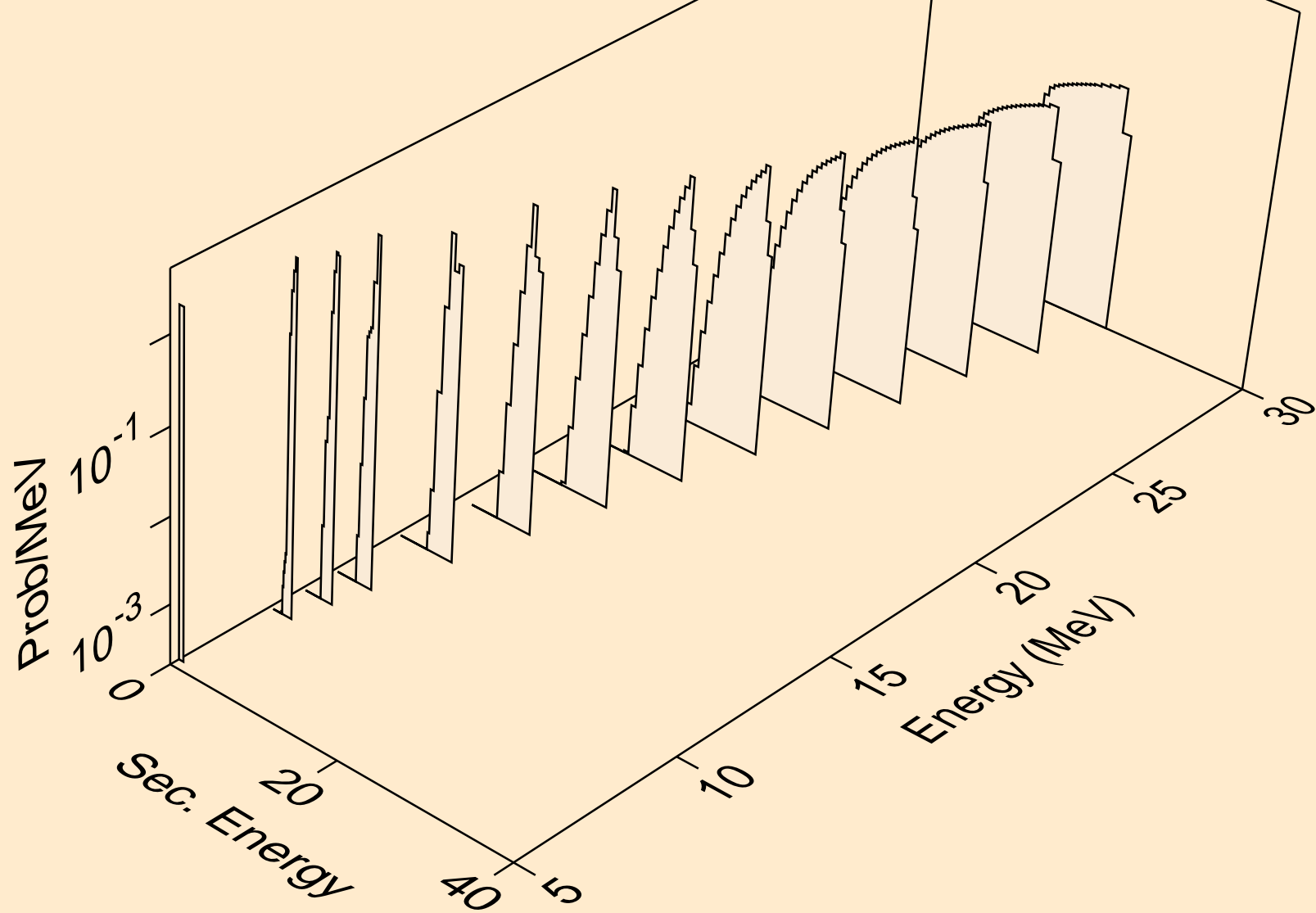
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



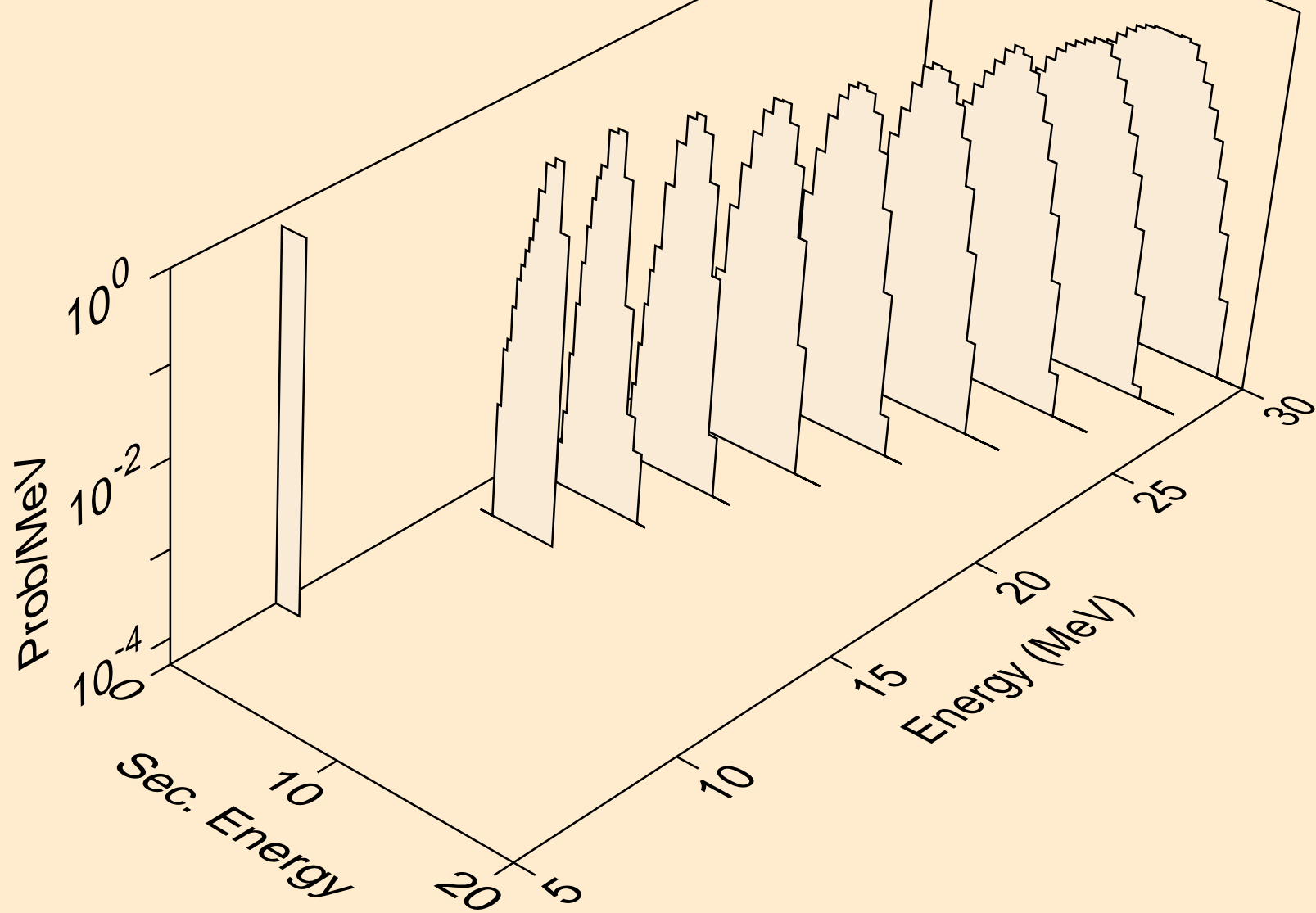
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



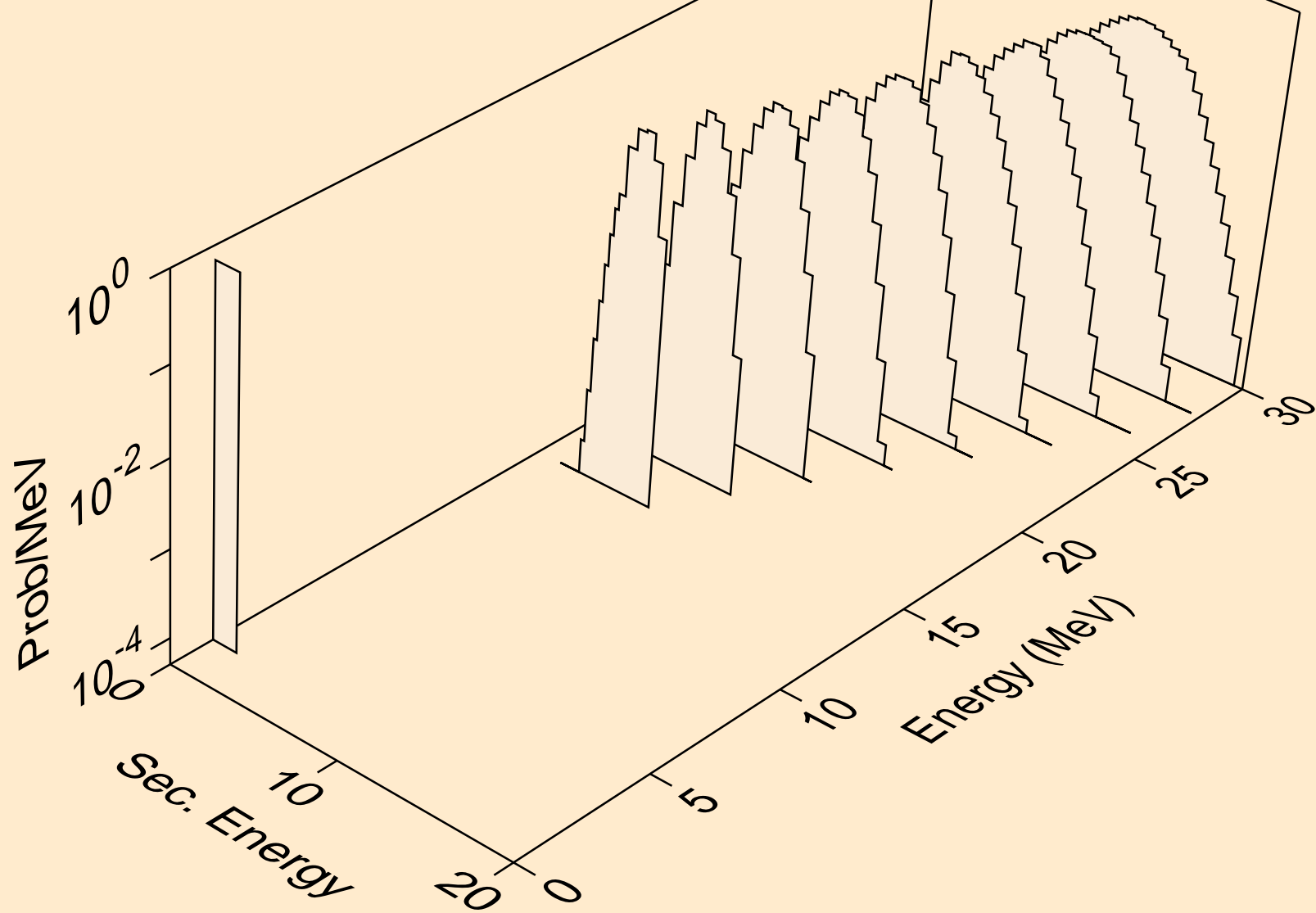
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



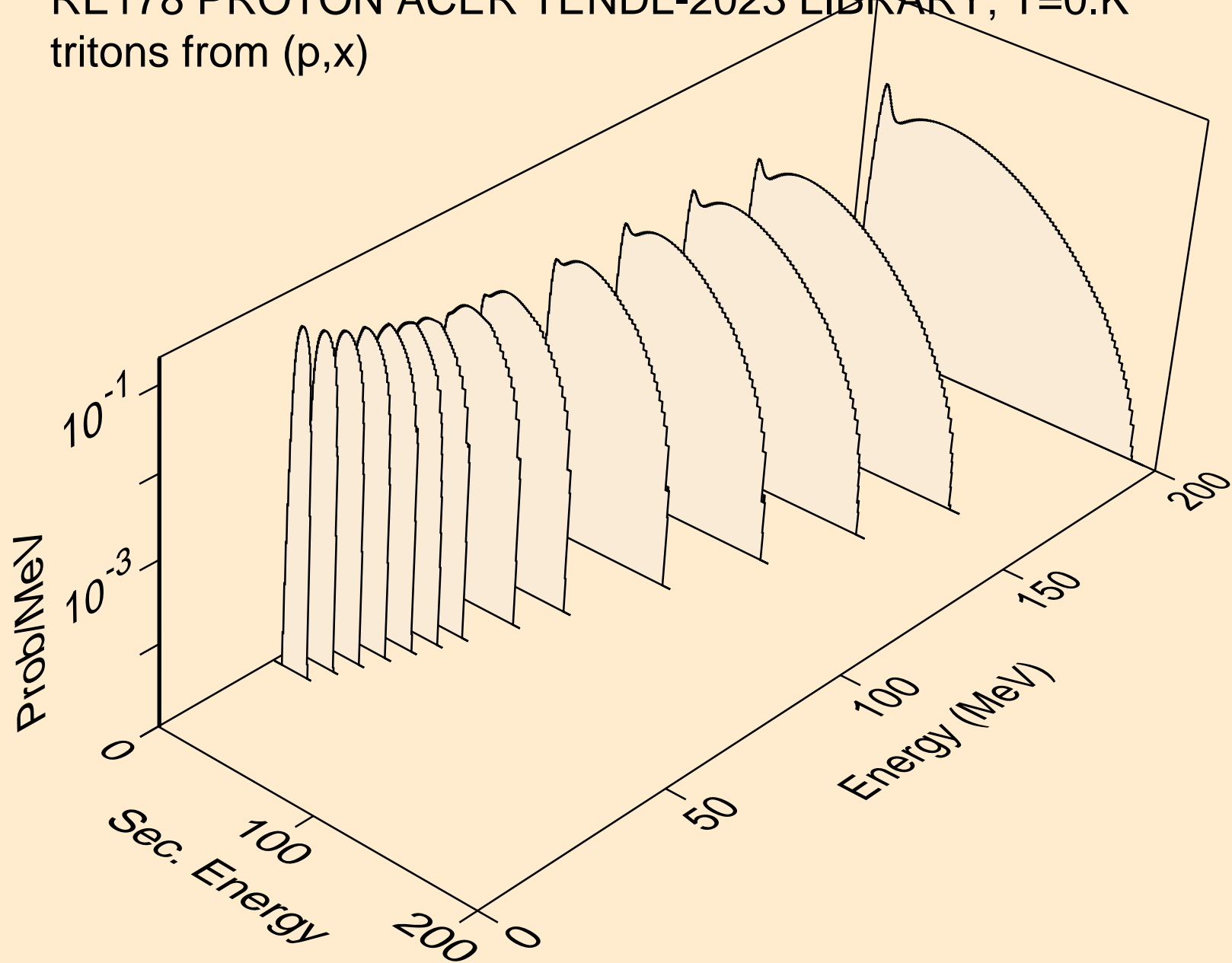
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



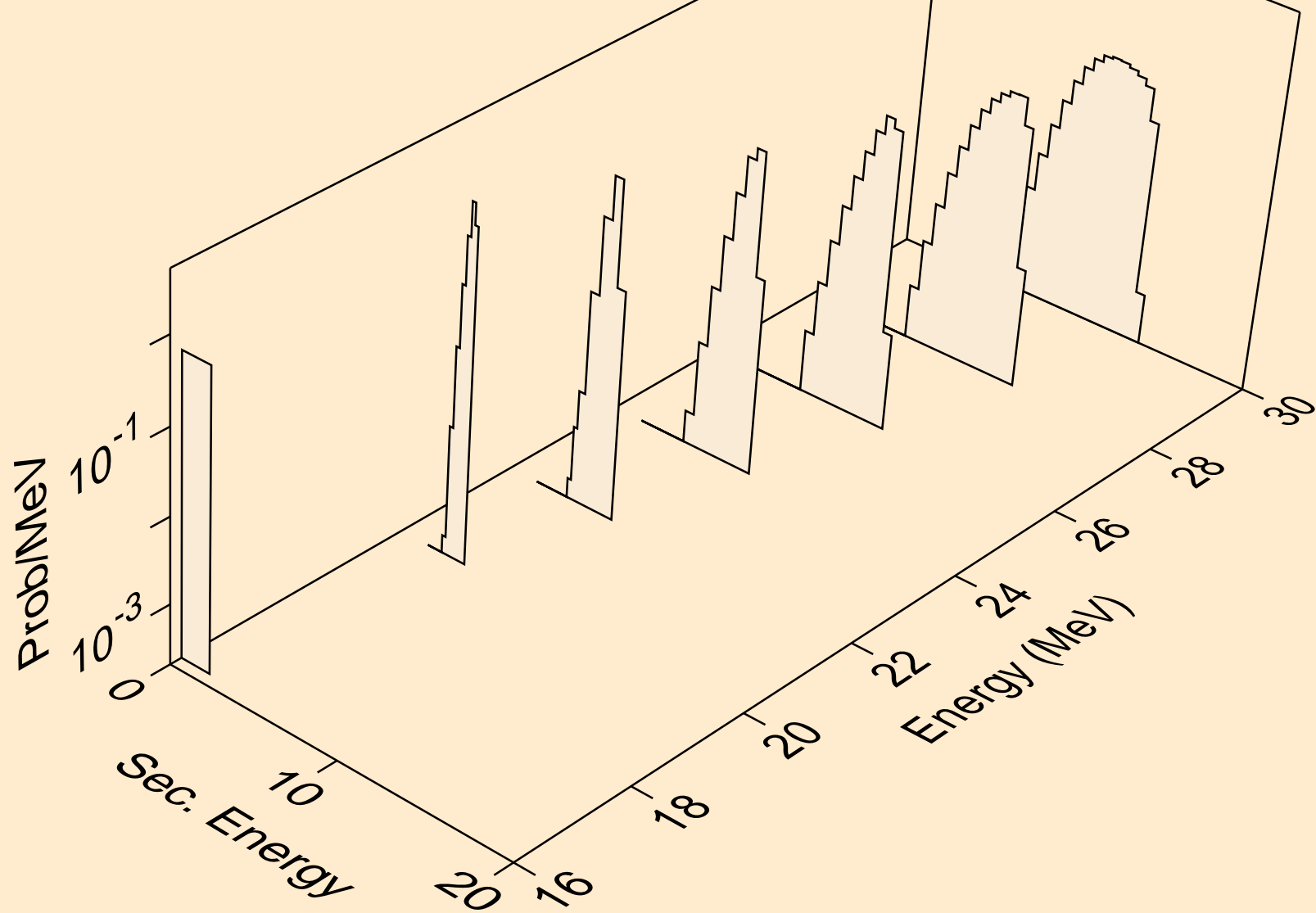
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



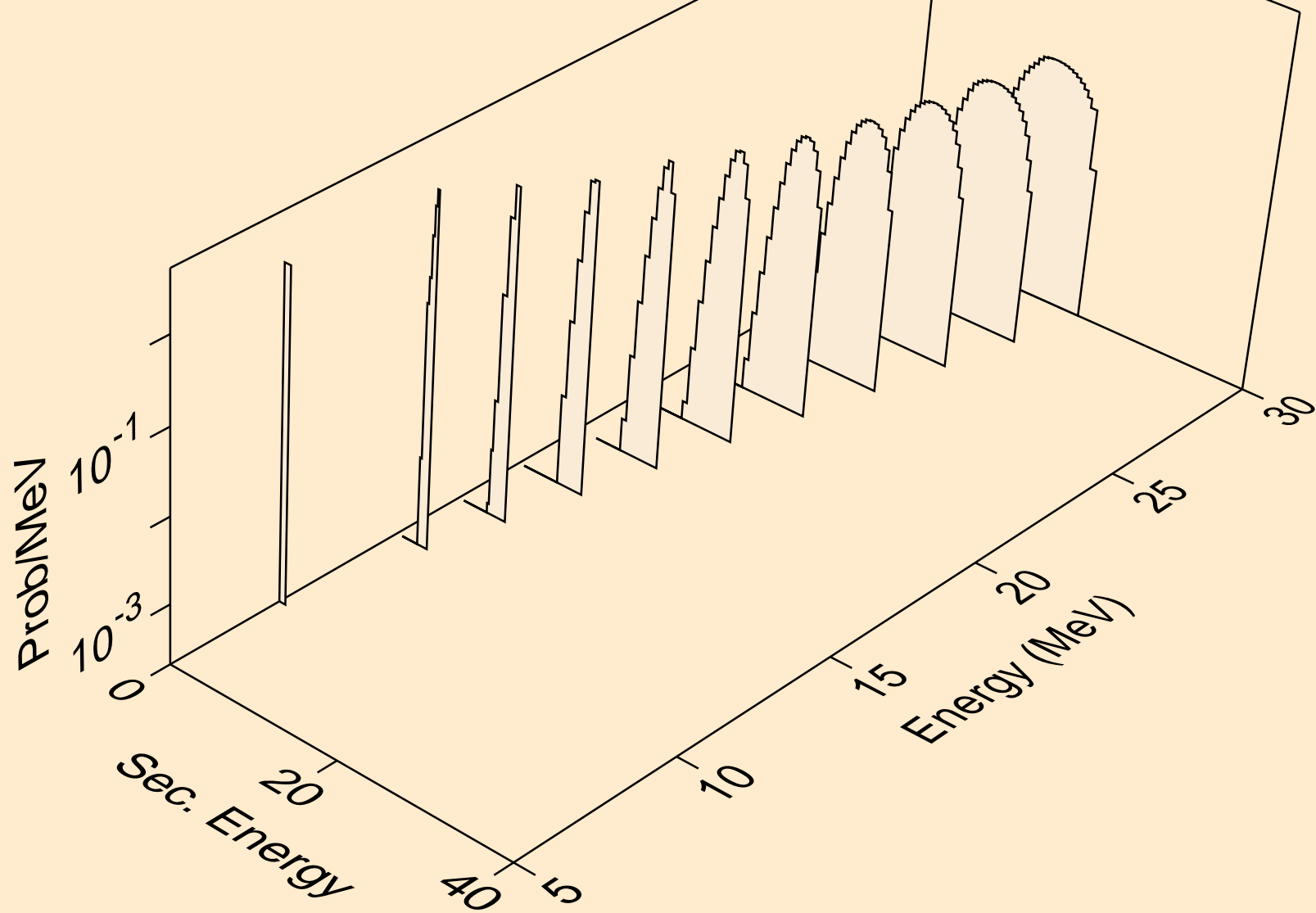
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

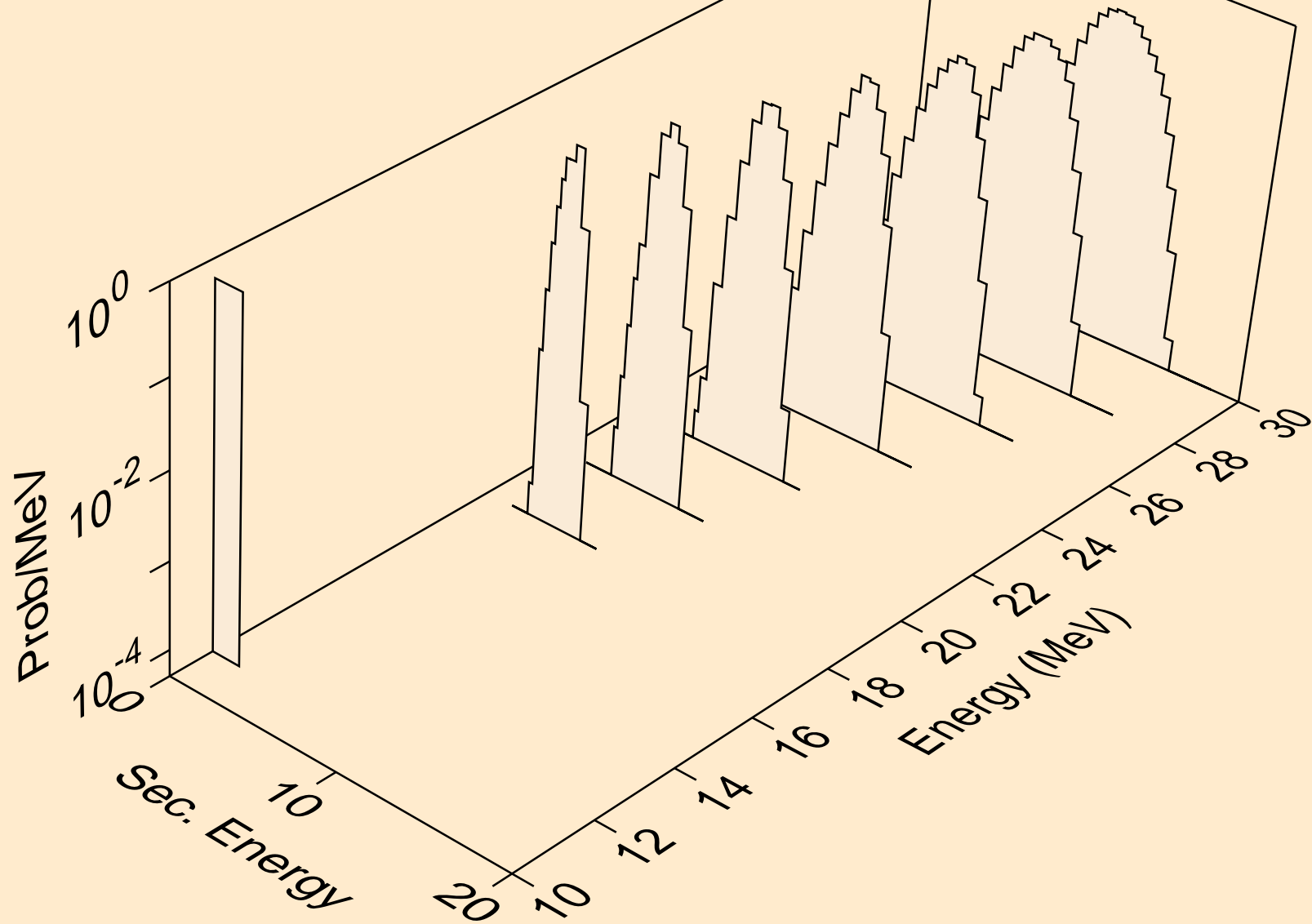


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

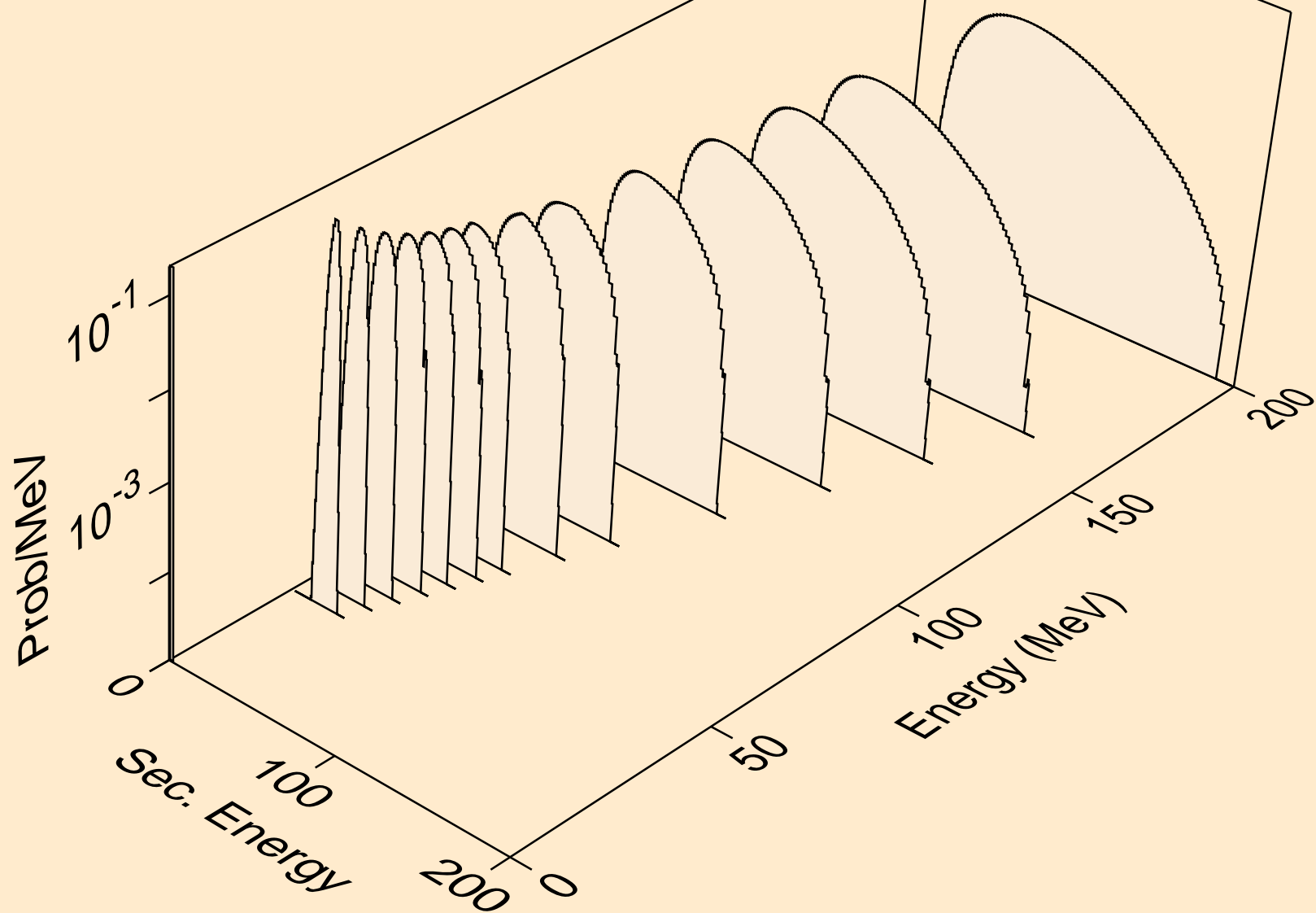




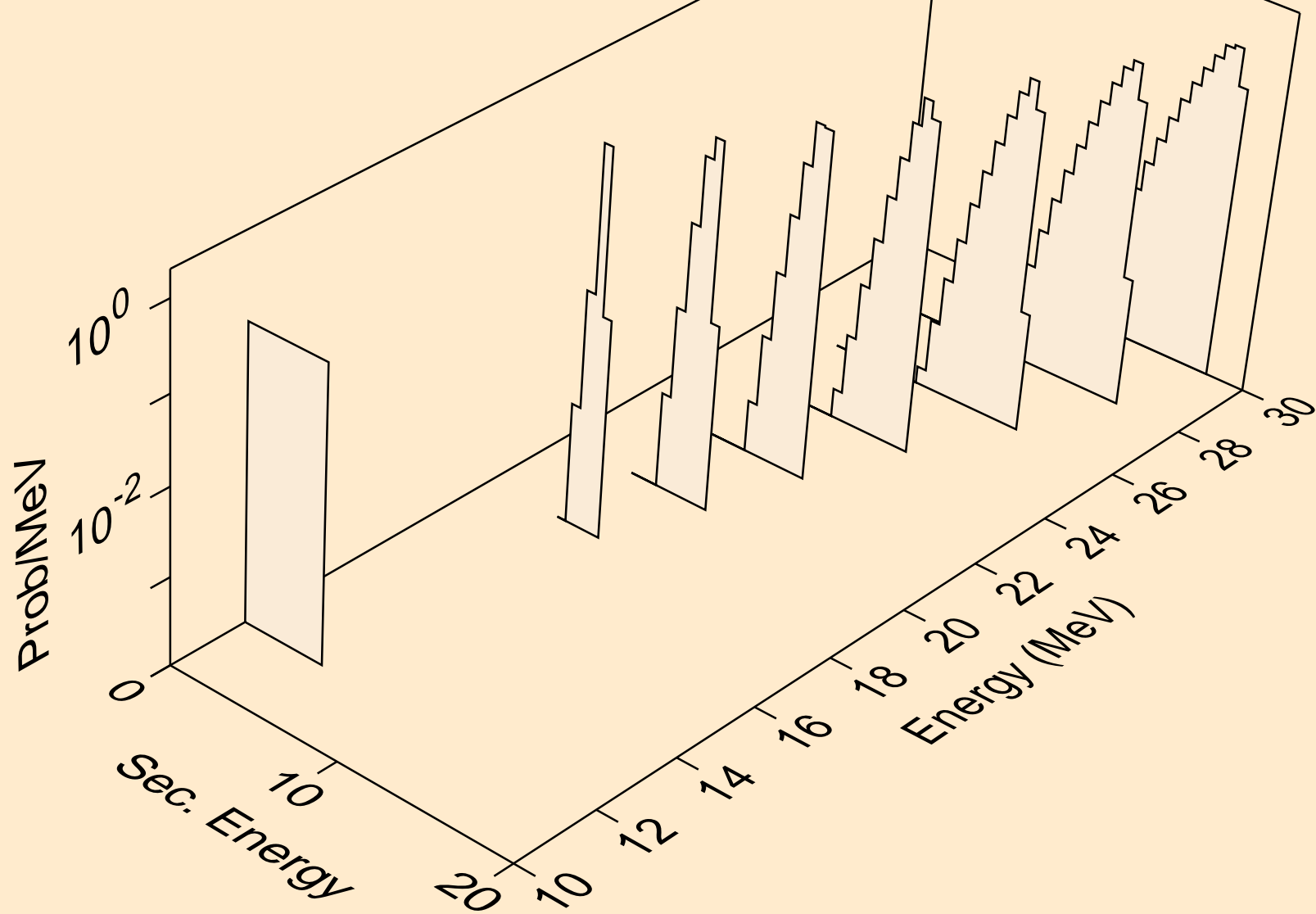
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



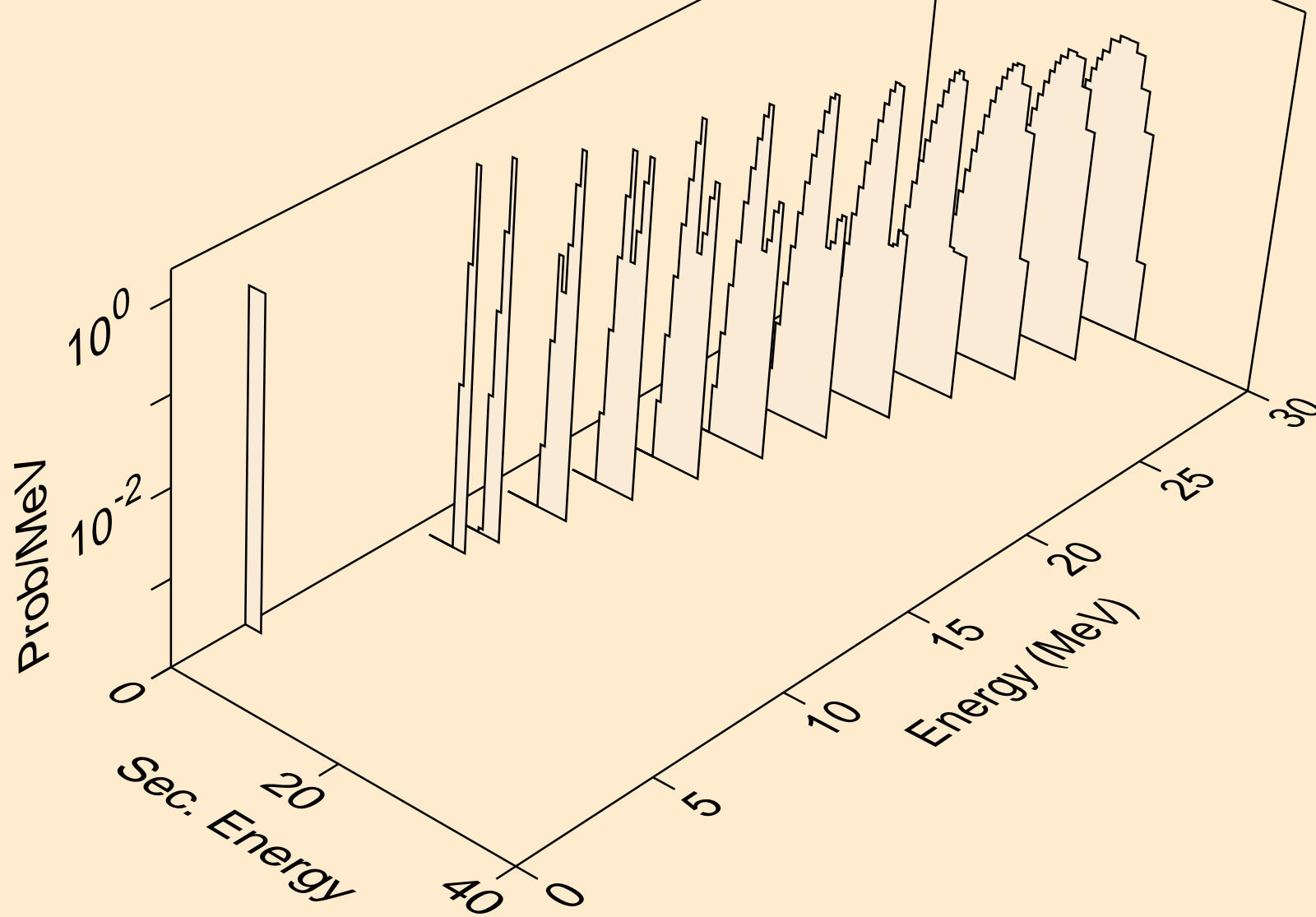
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



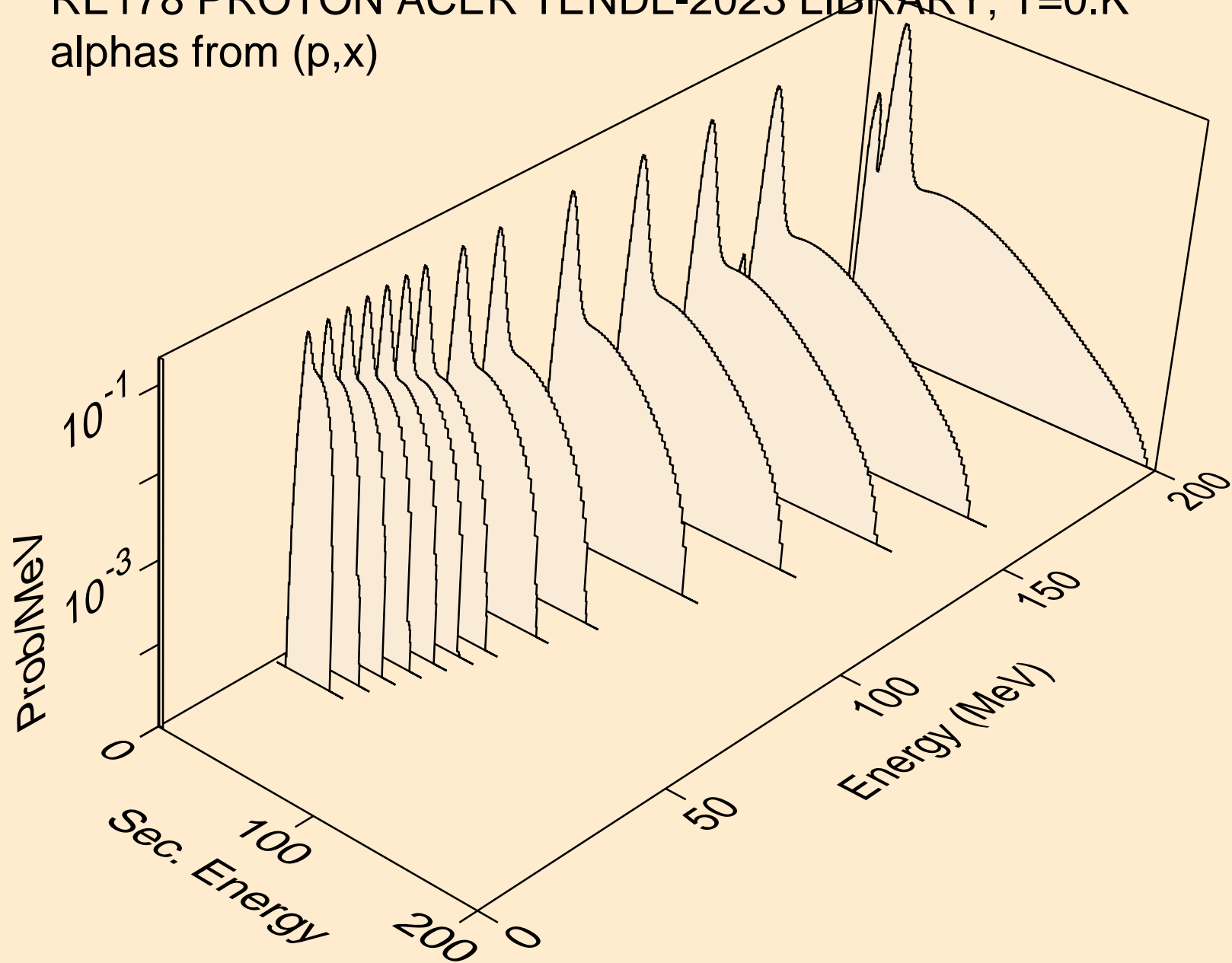
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



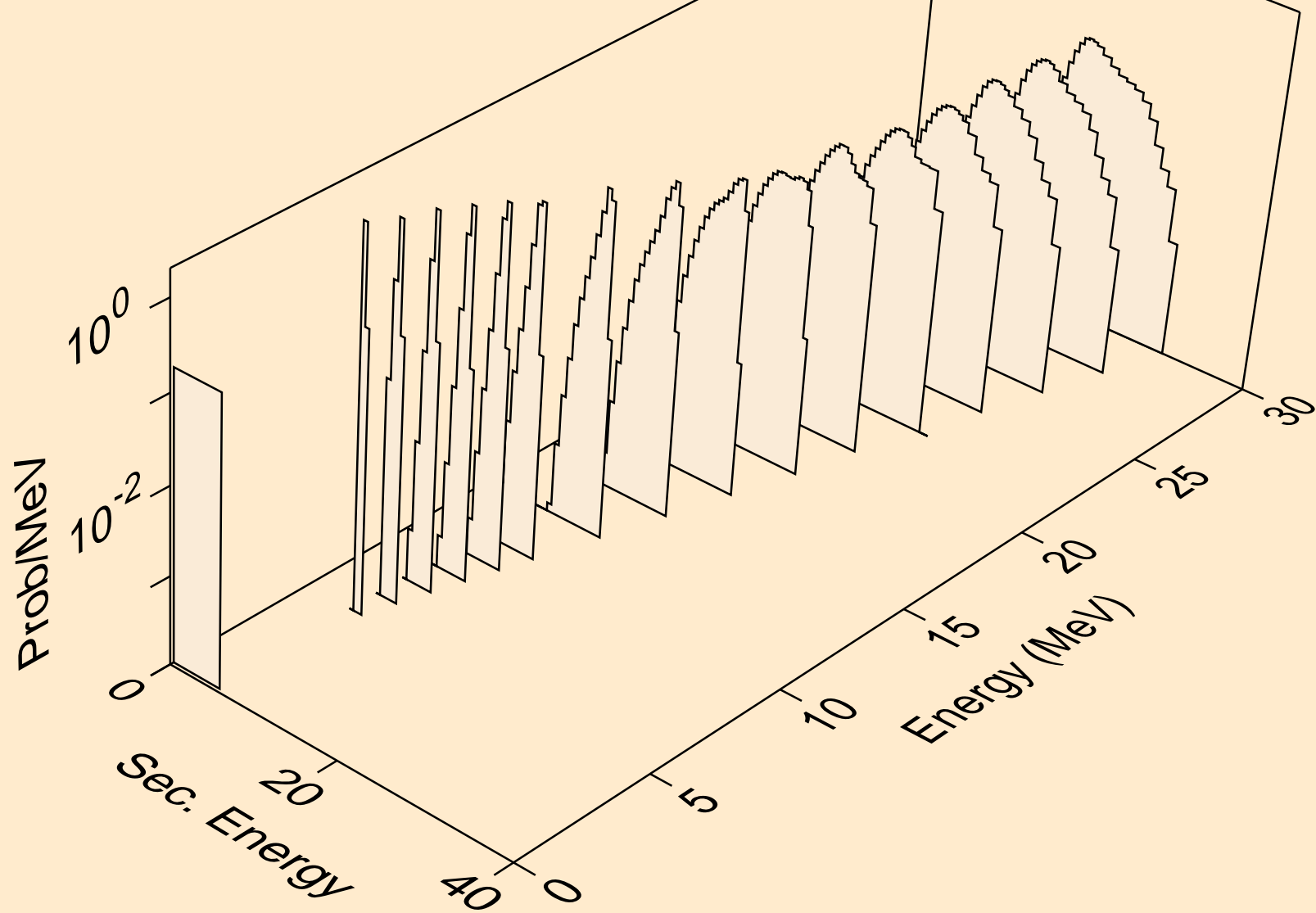
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



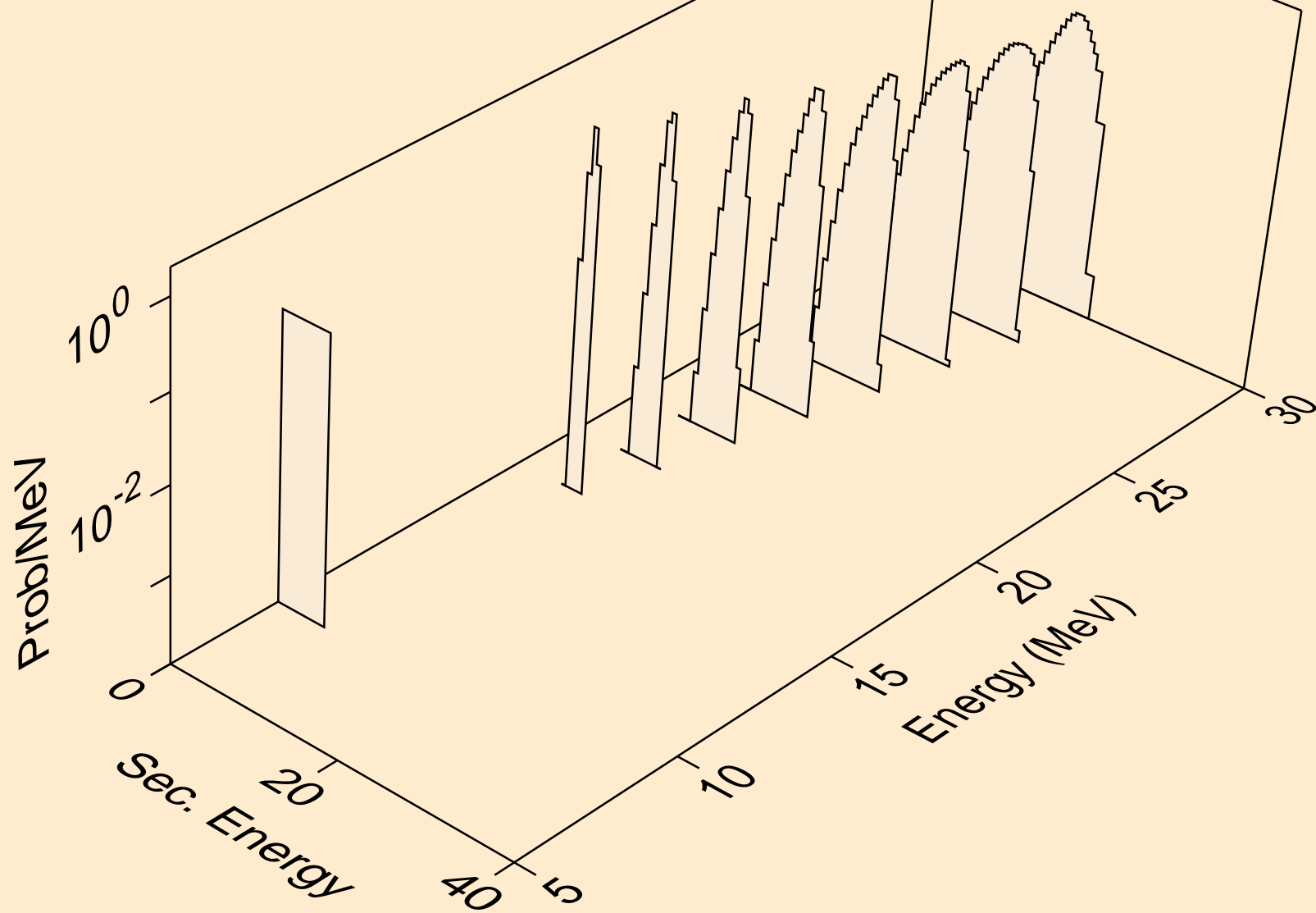
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



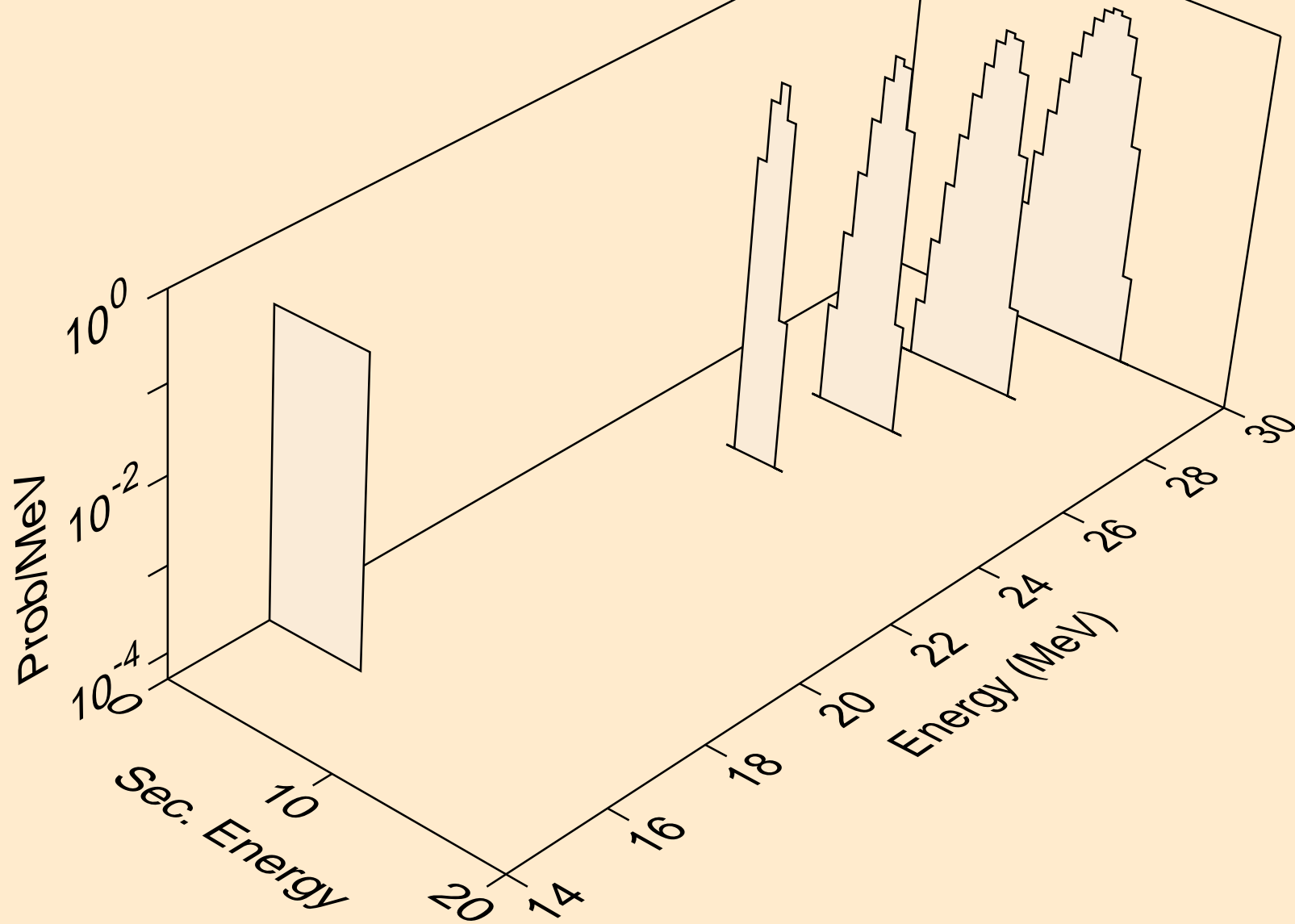
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

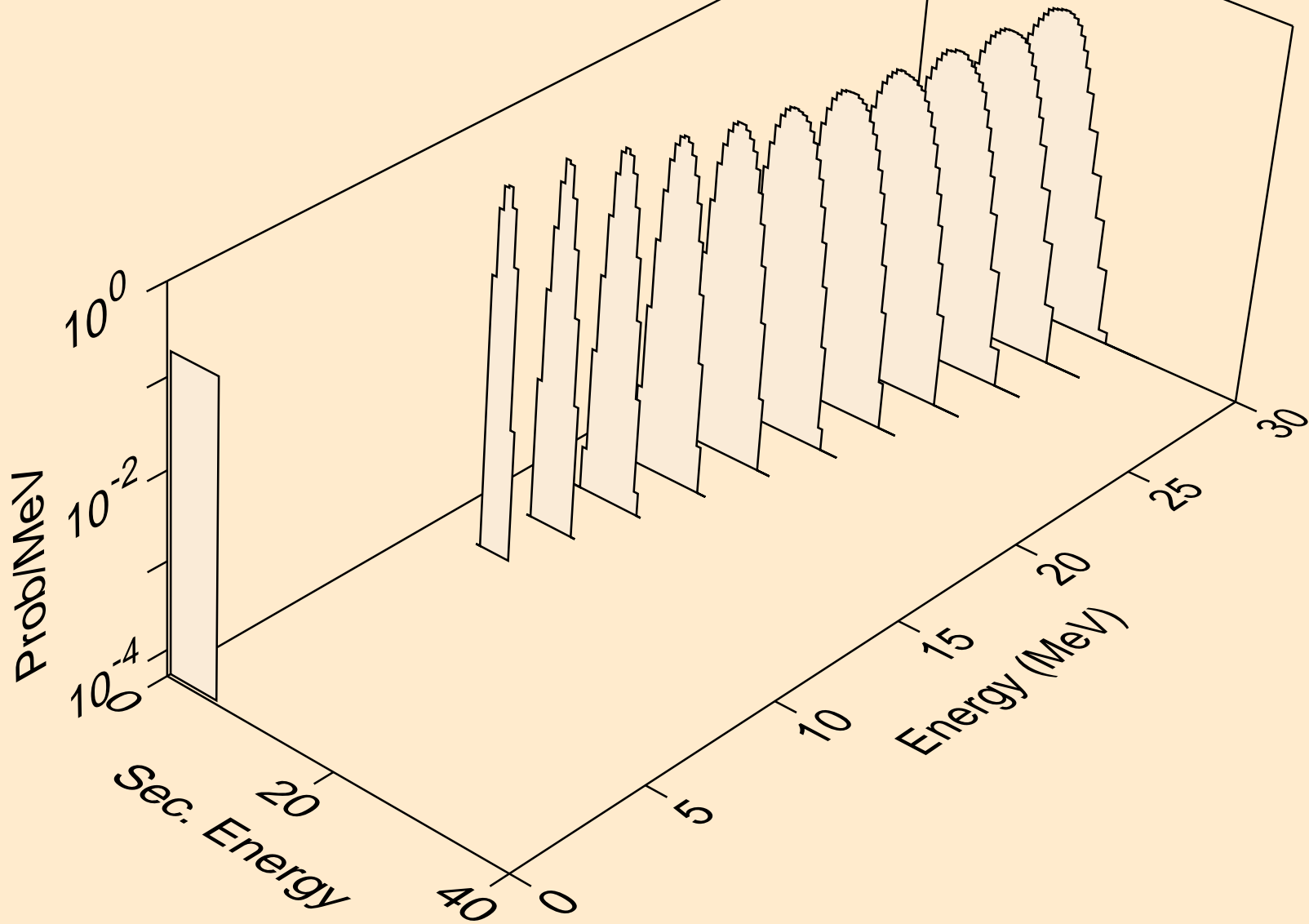


RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

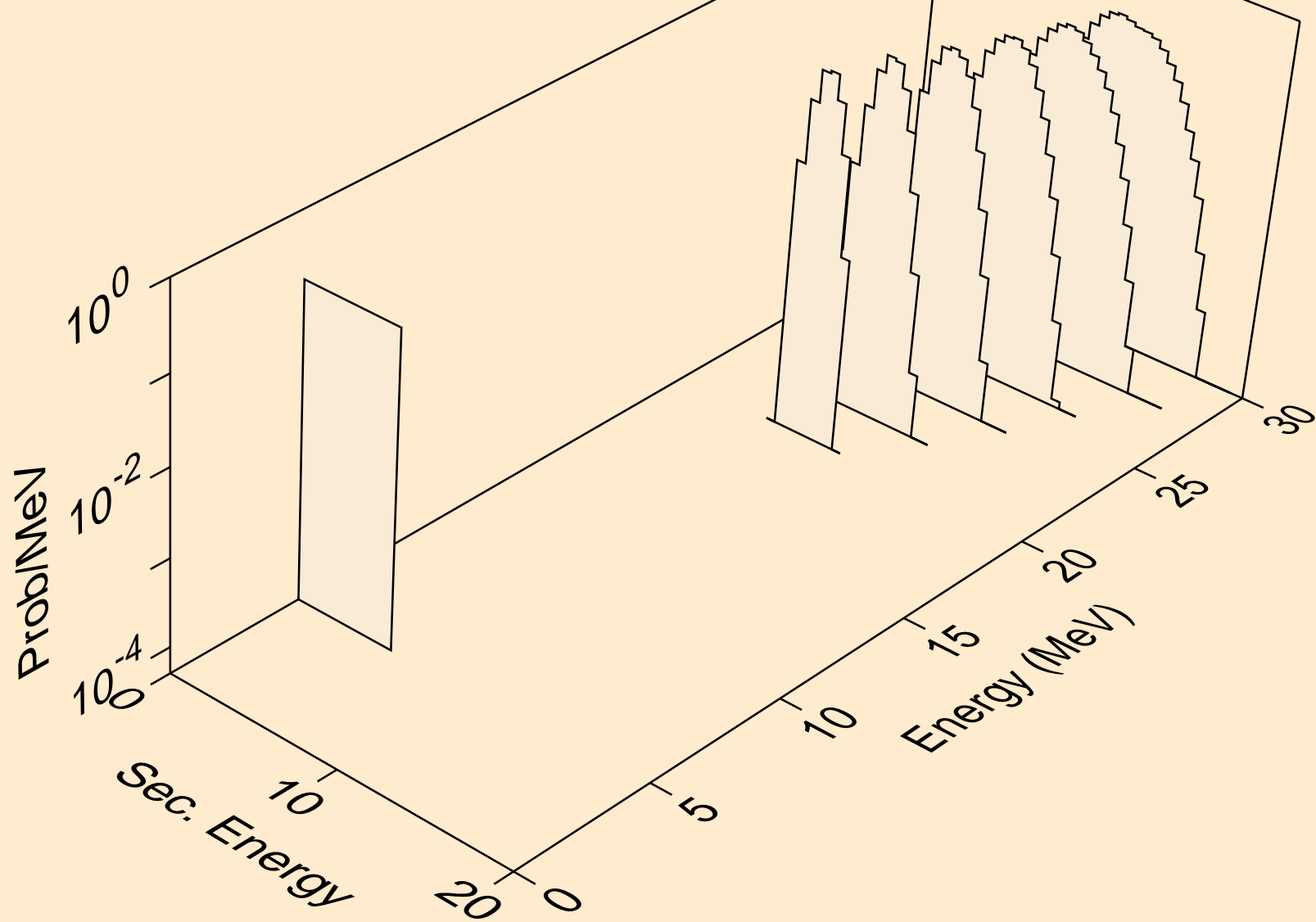




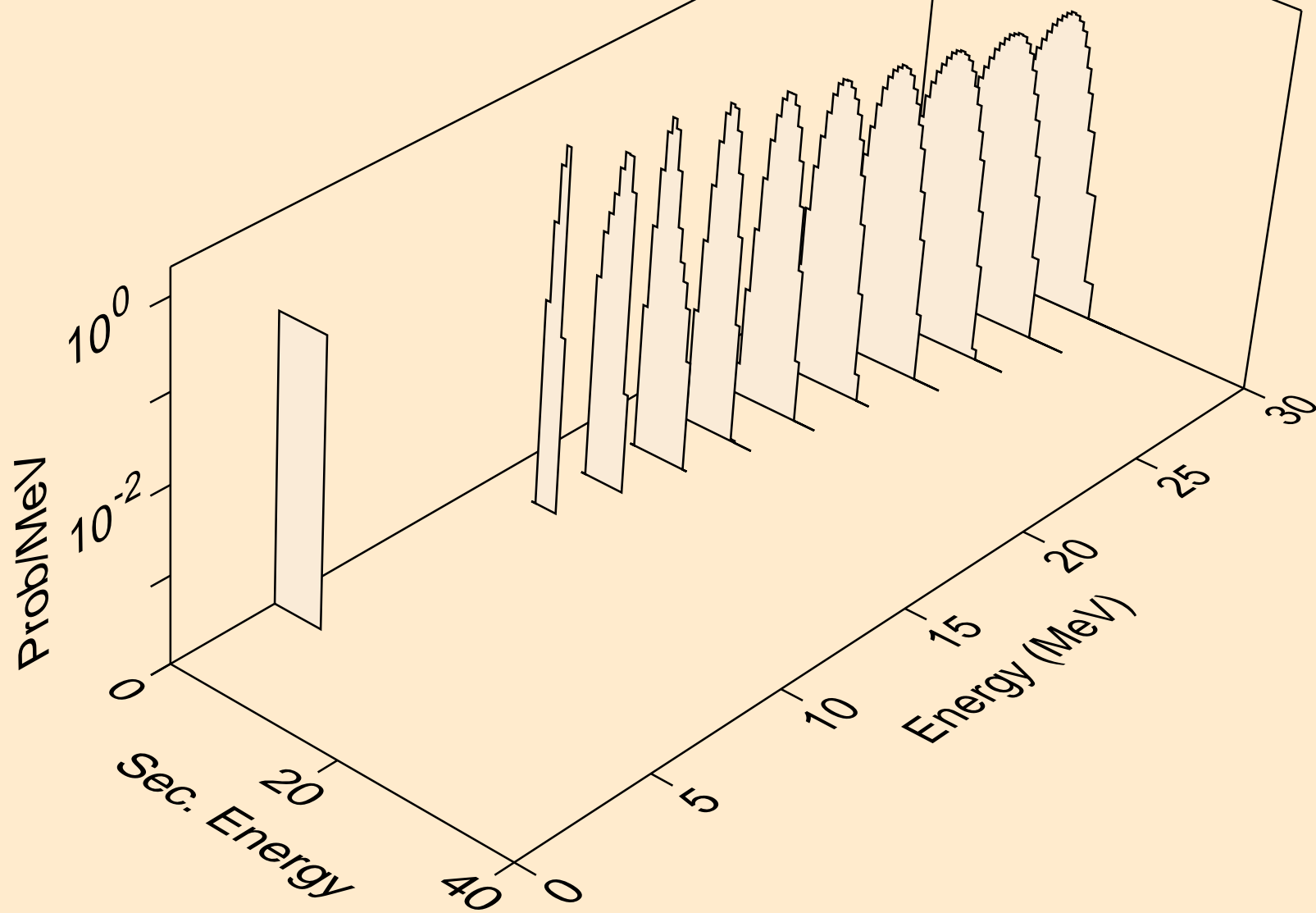
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



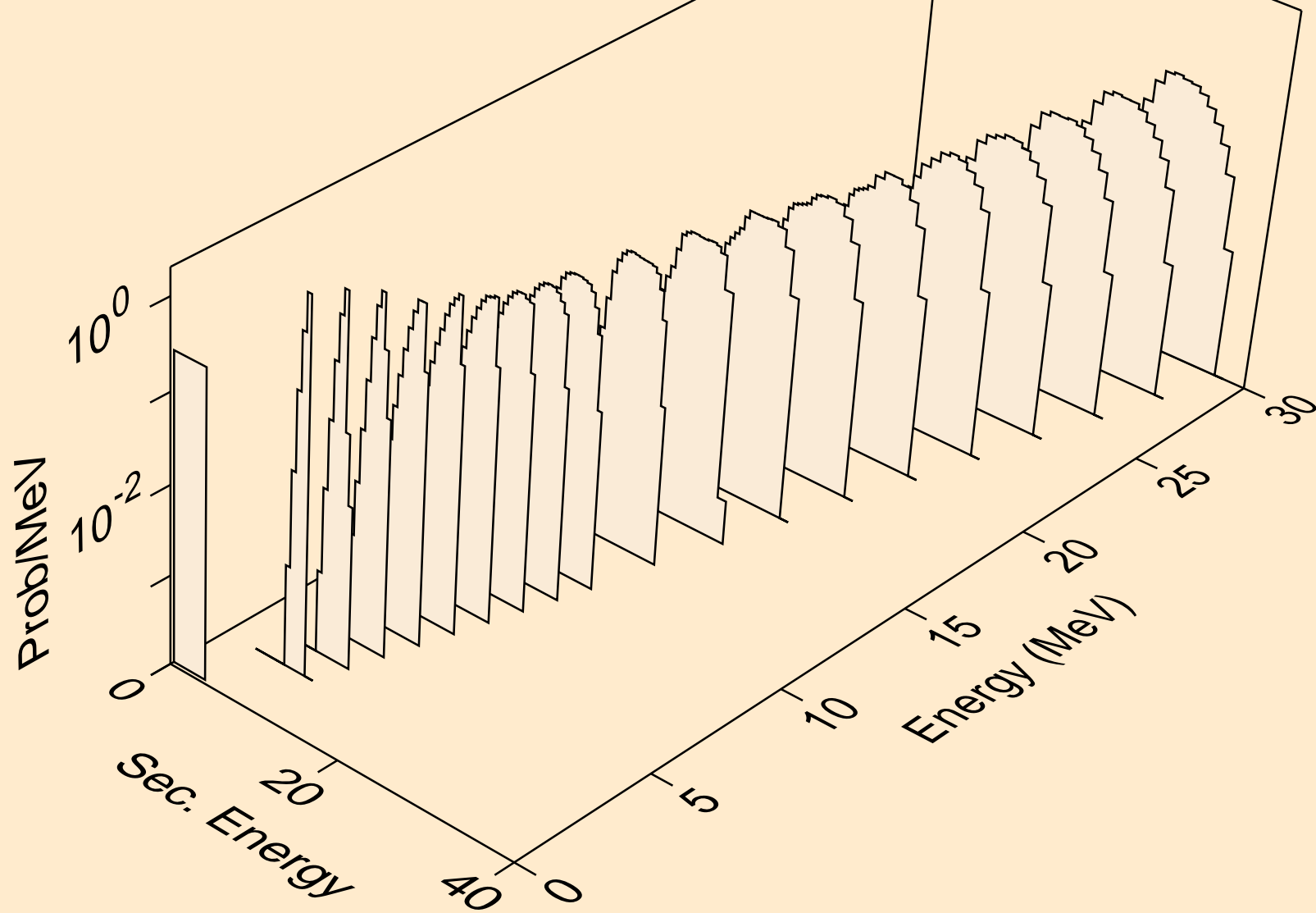
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a



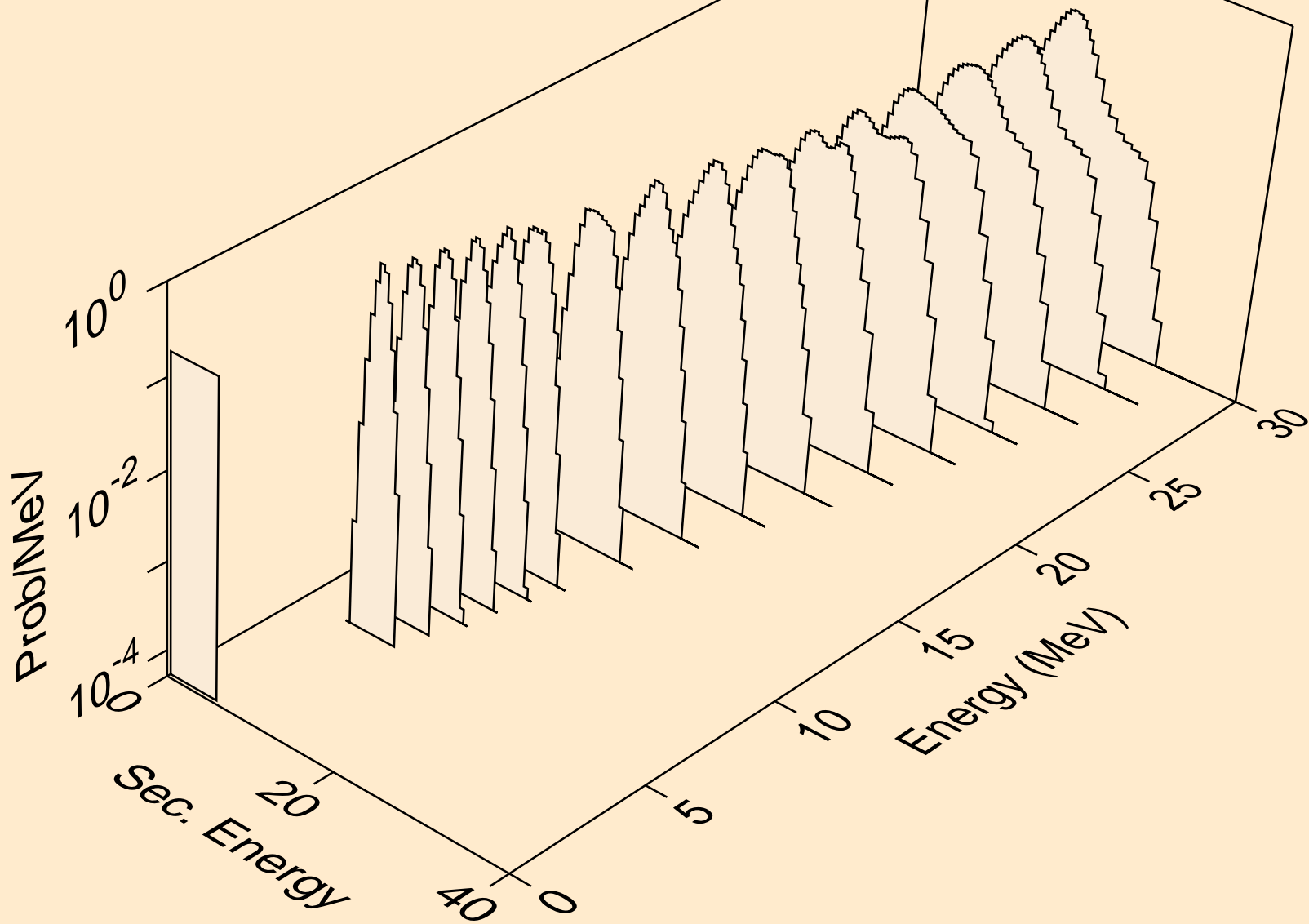
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



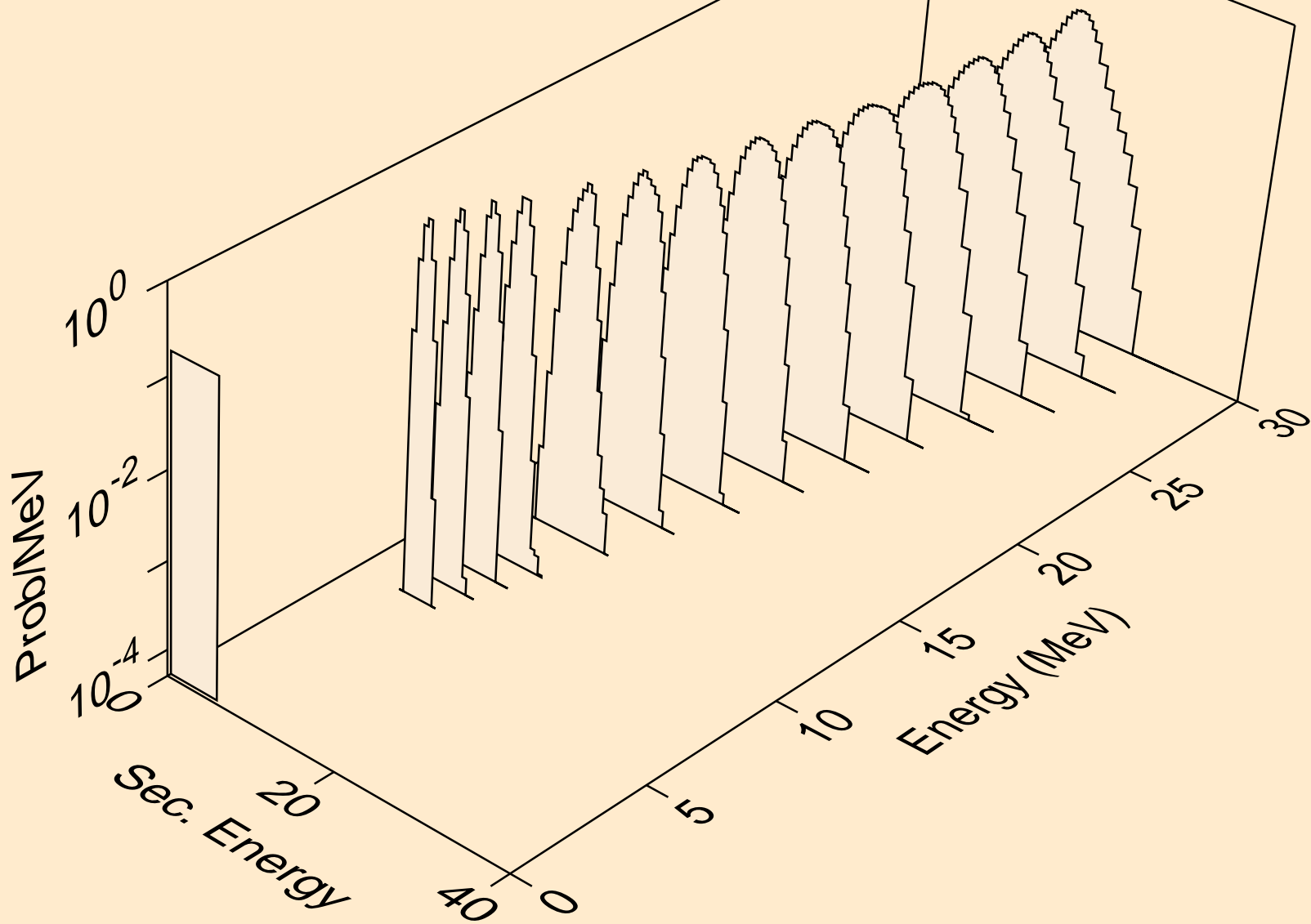
RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



RE178 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

