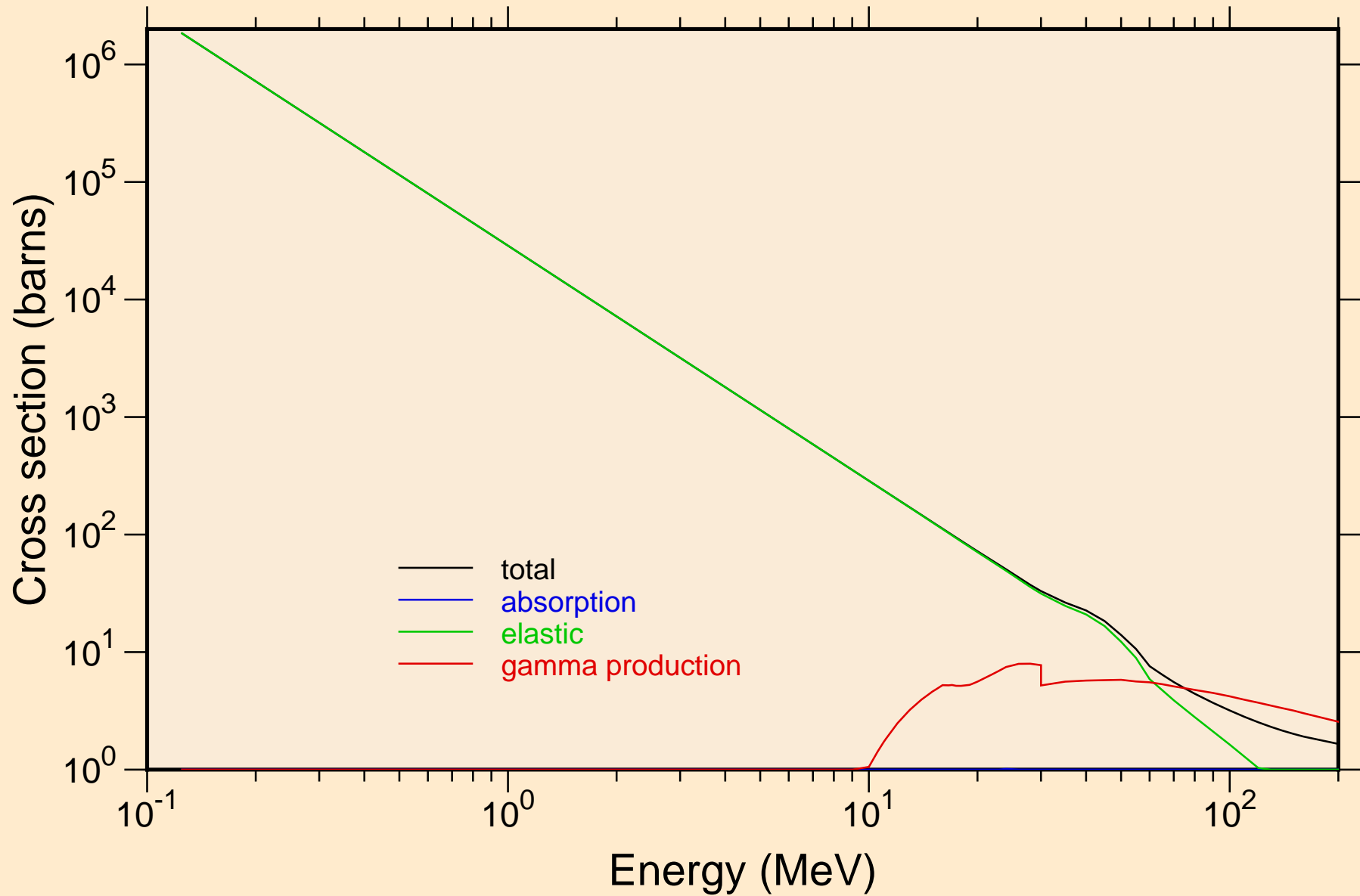


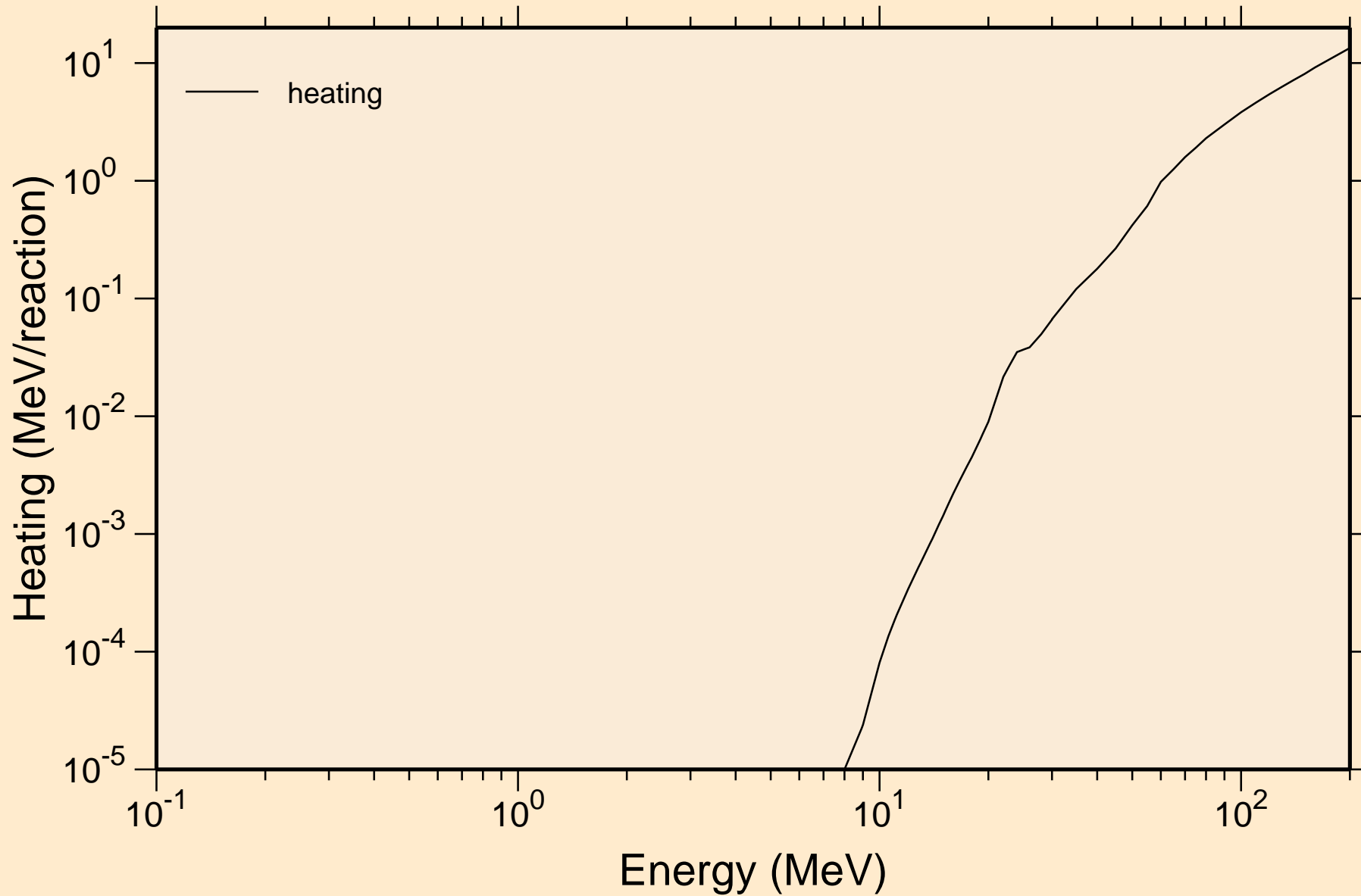
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



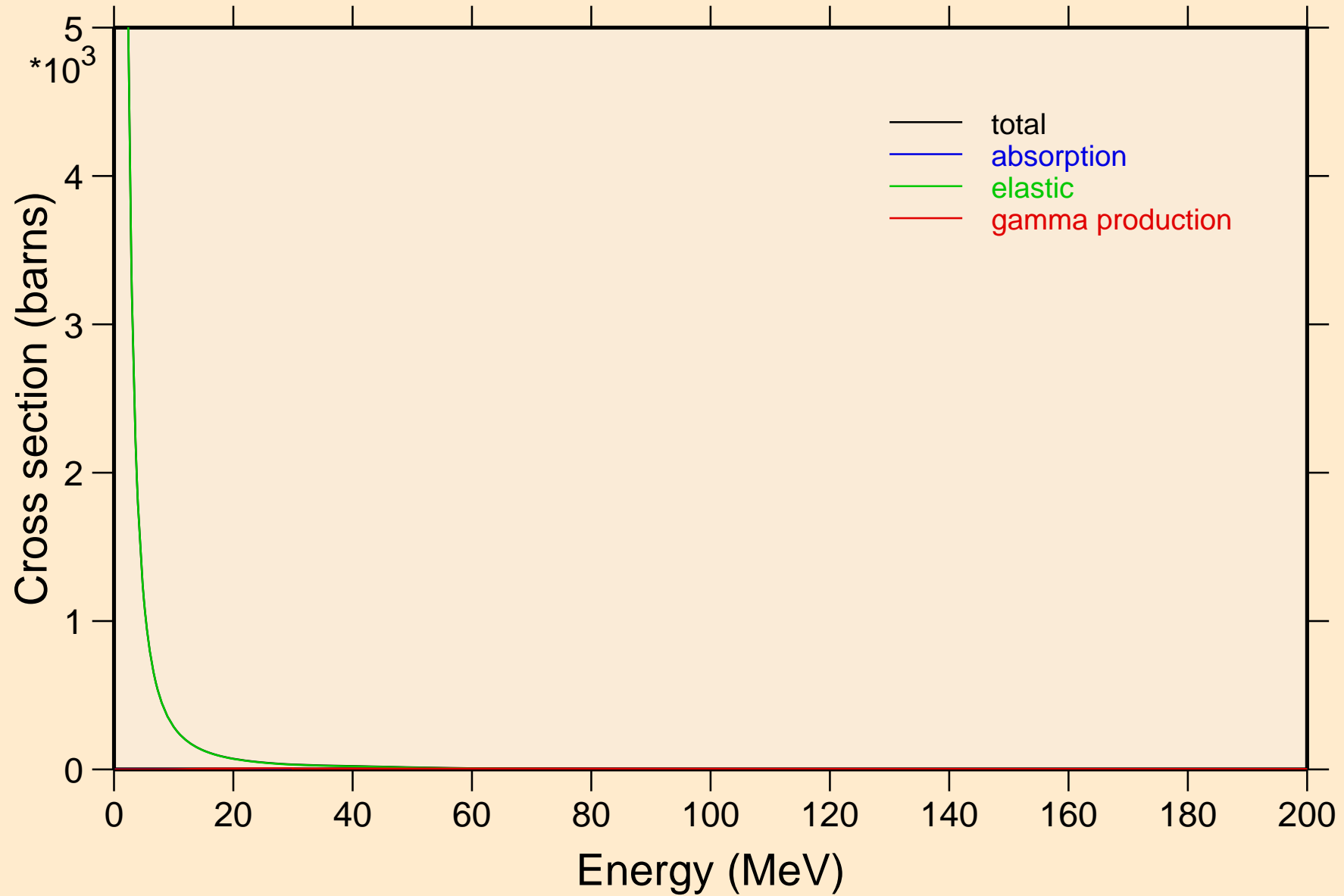
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



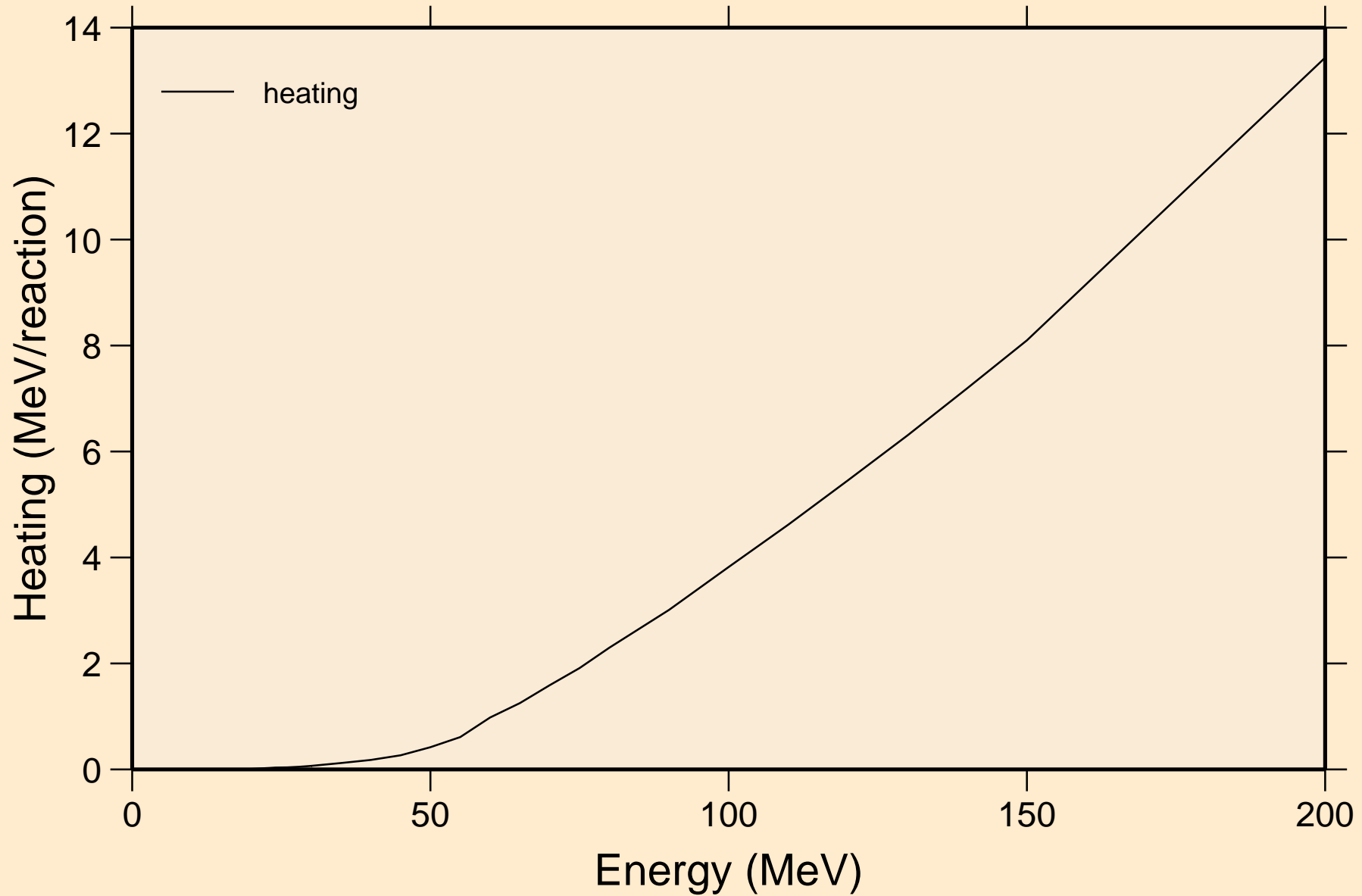
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



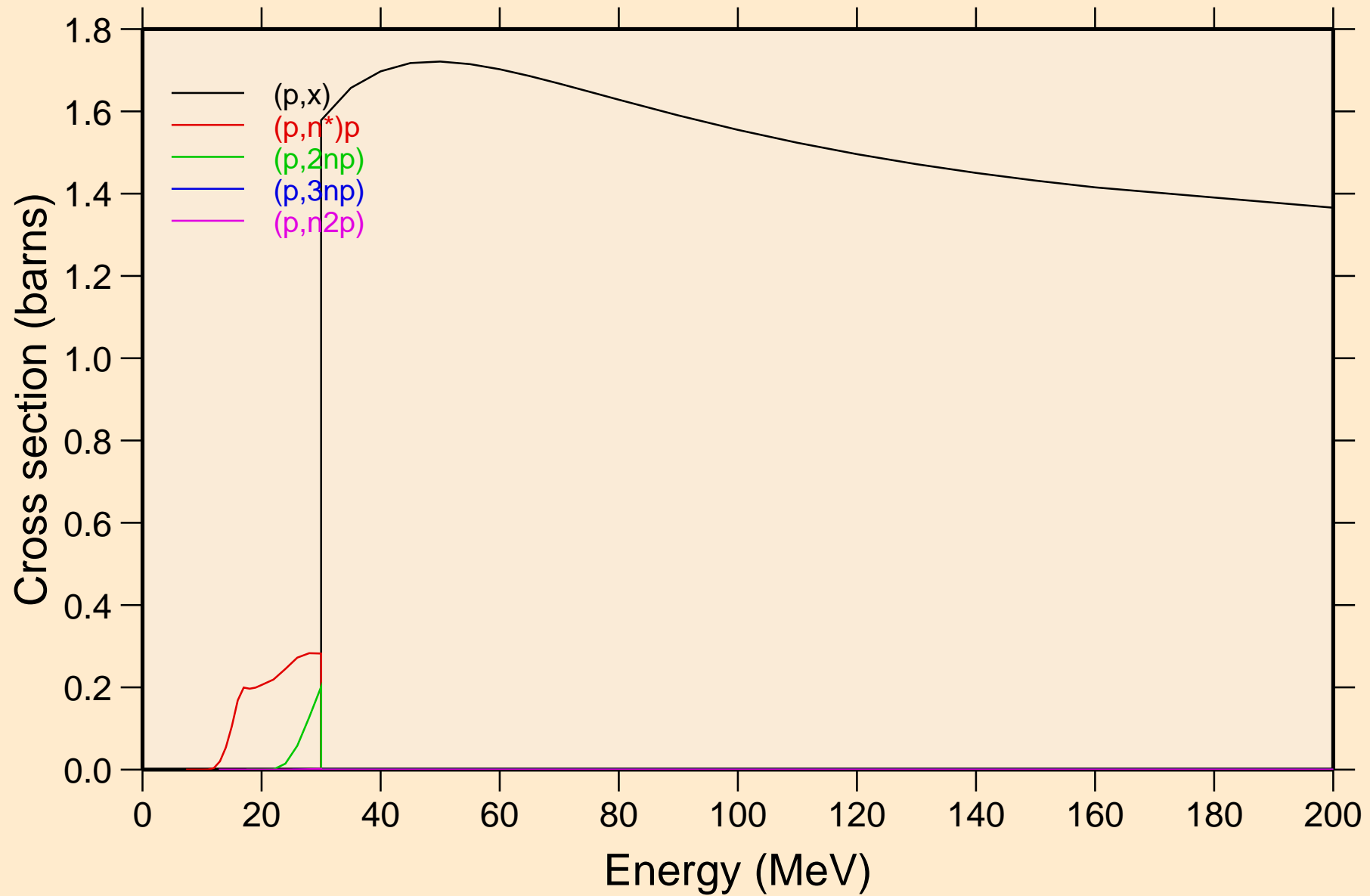
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



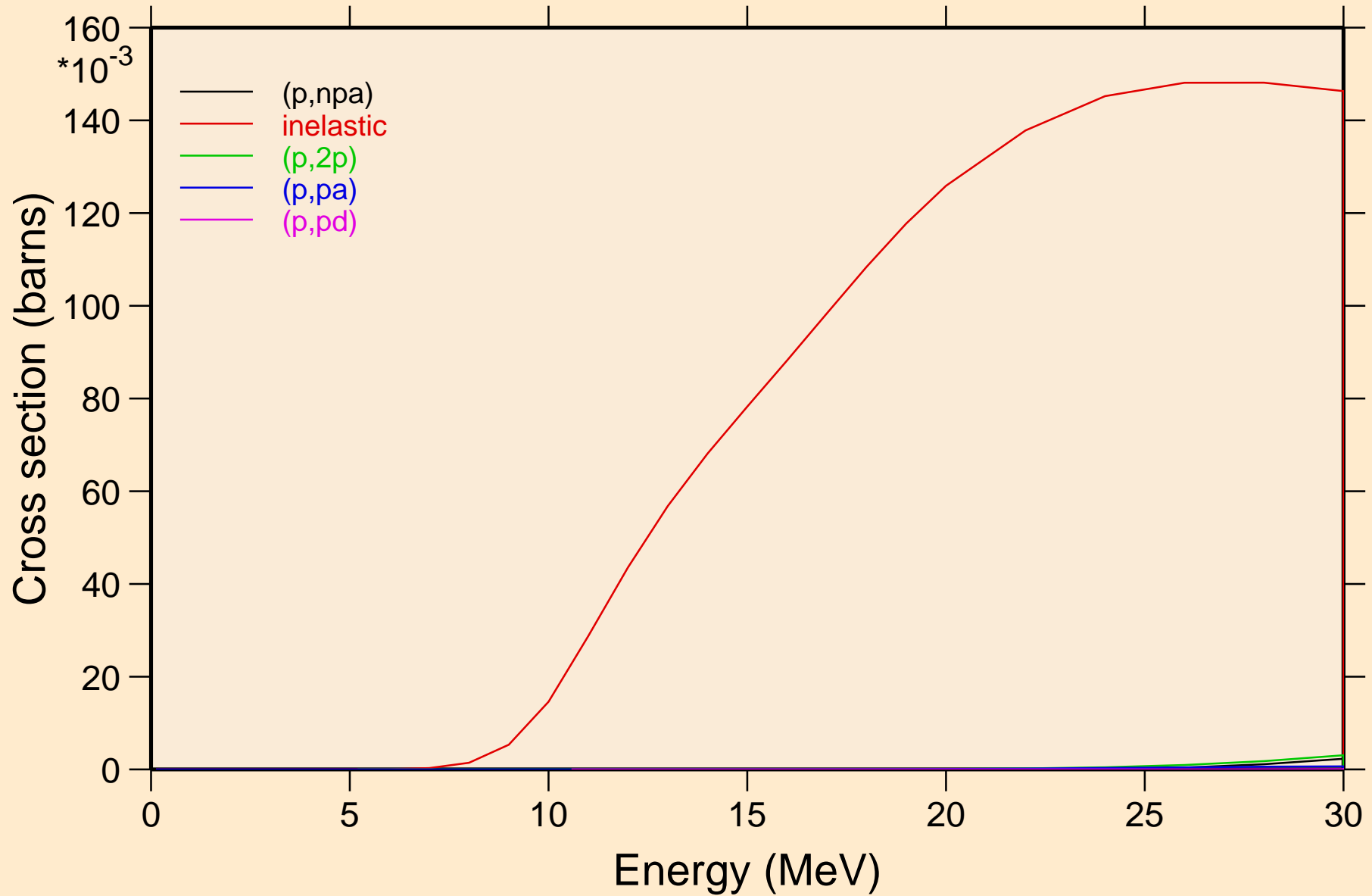
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

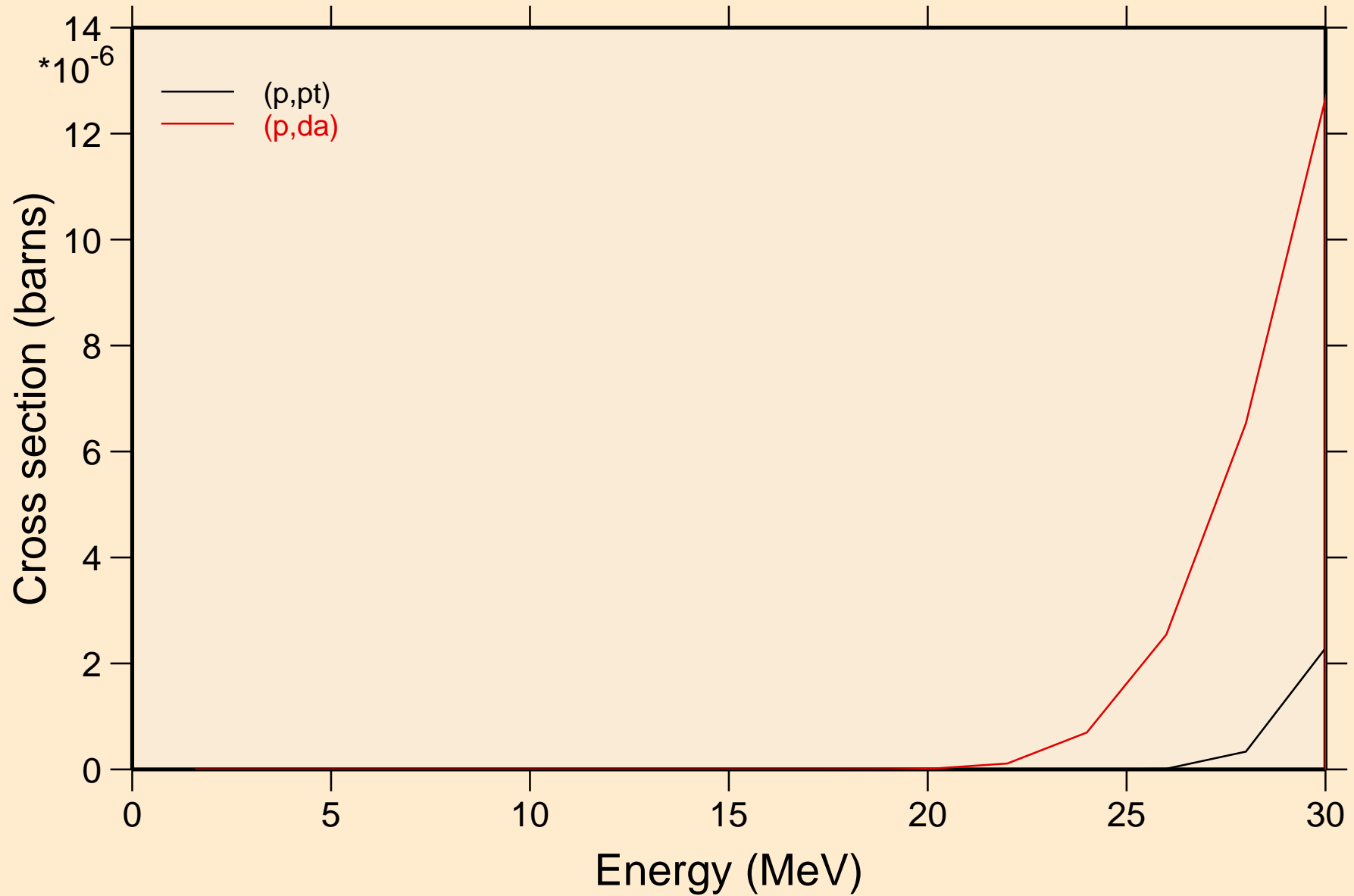


# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

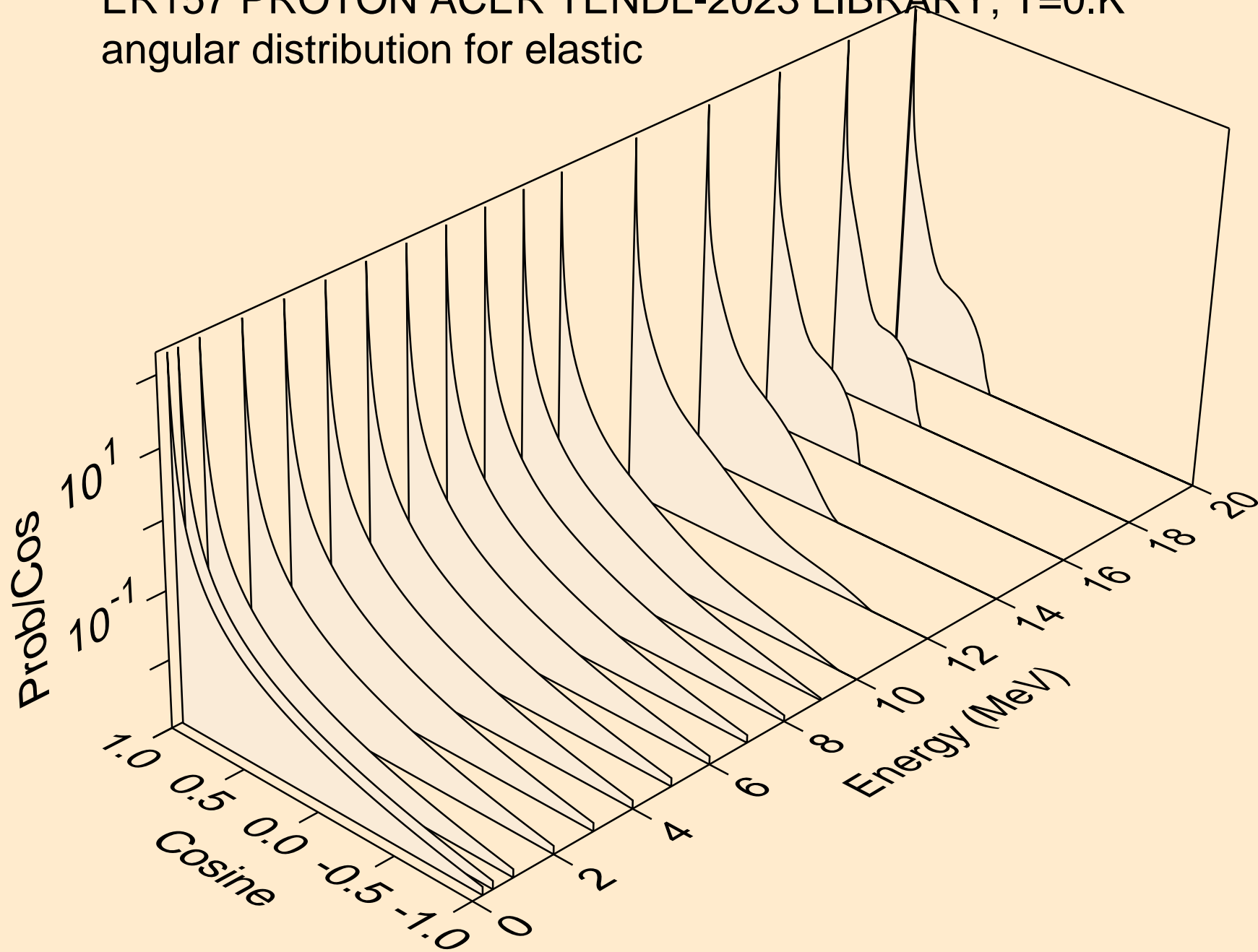
## Threshold reactions



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

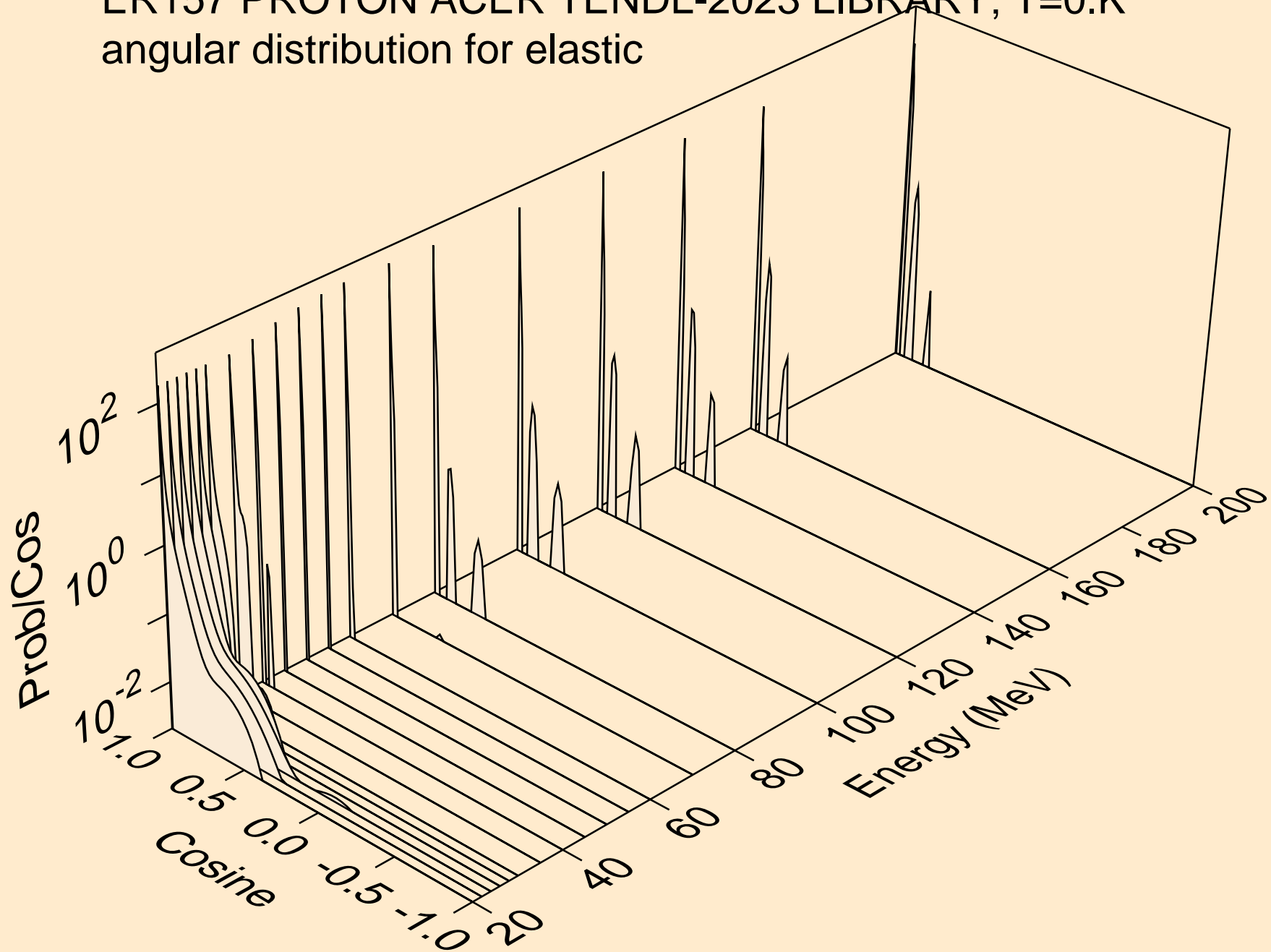


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

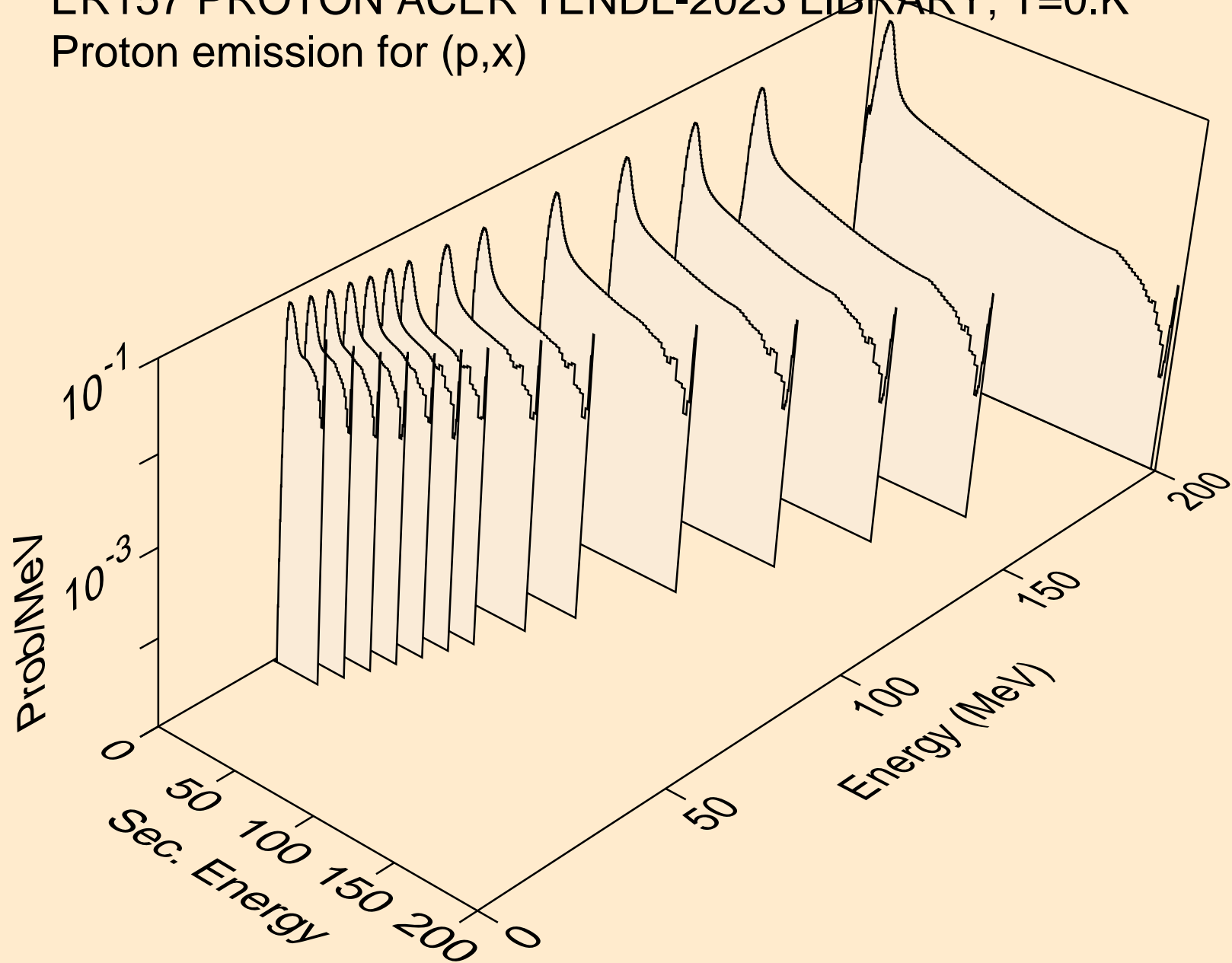




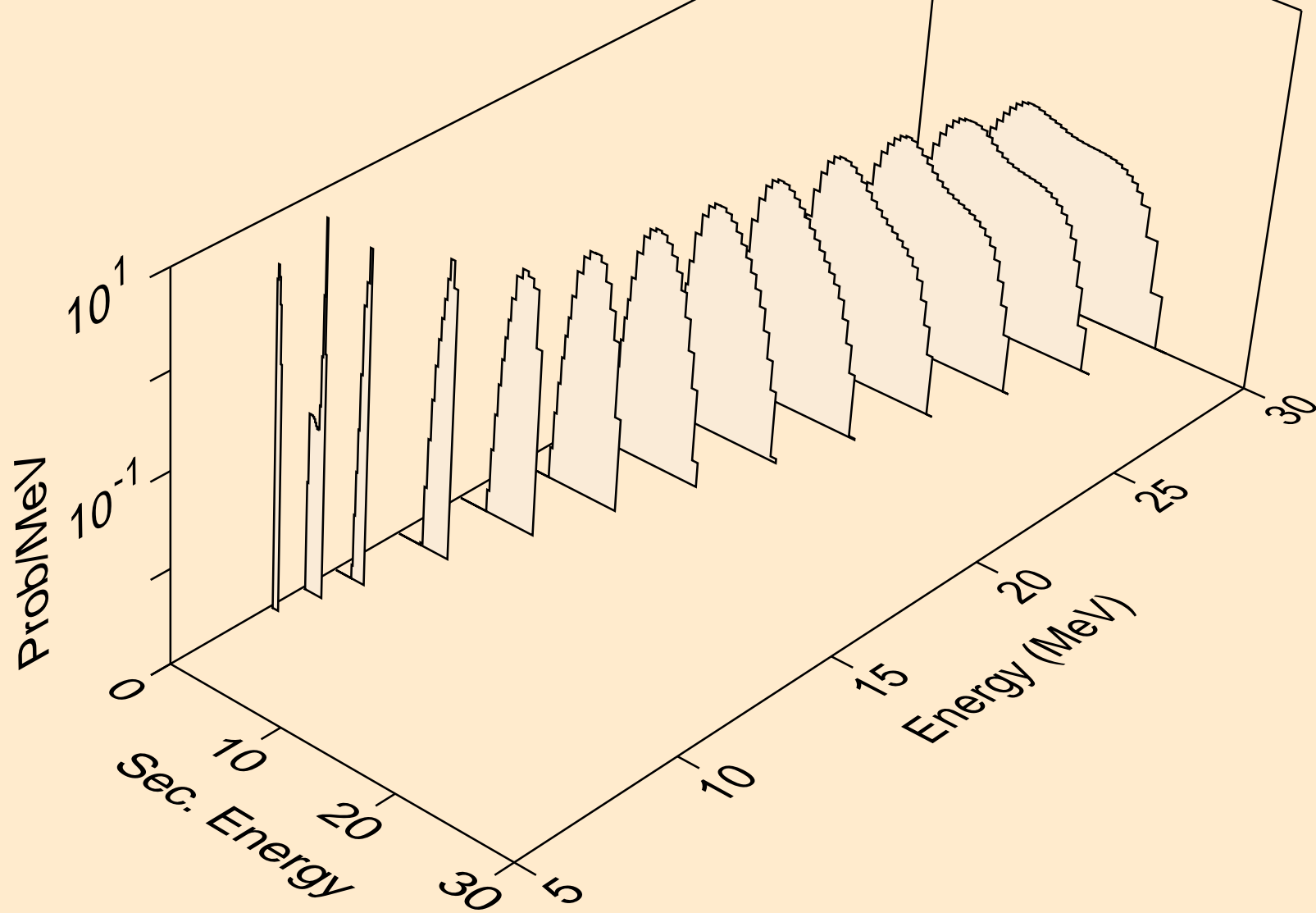
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



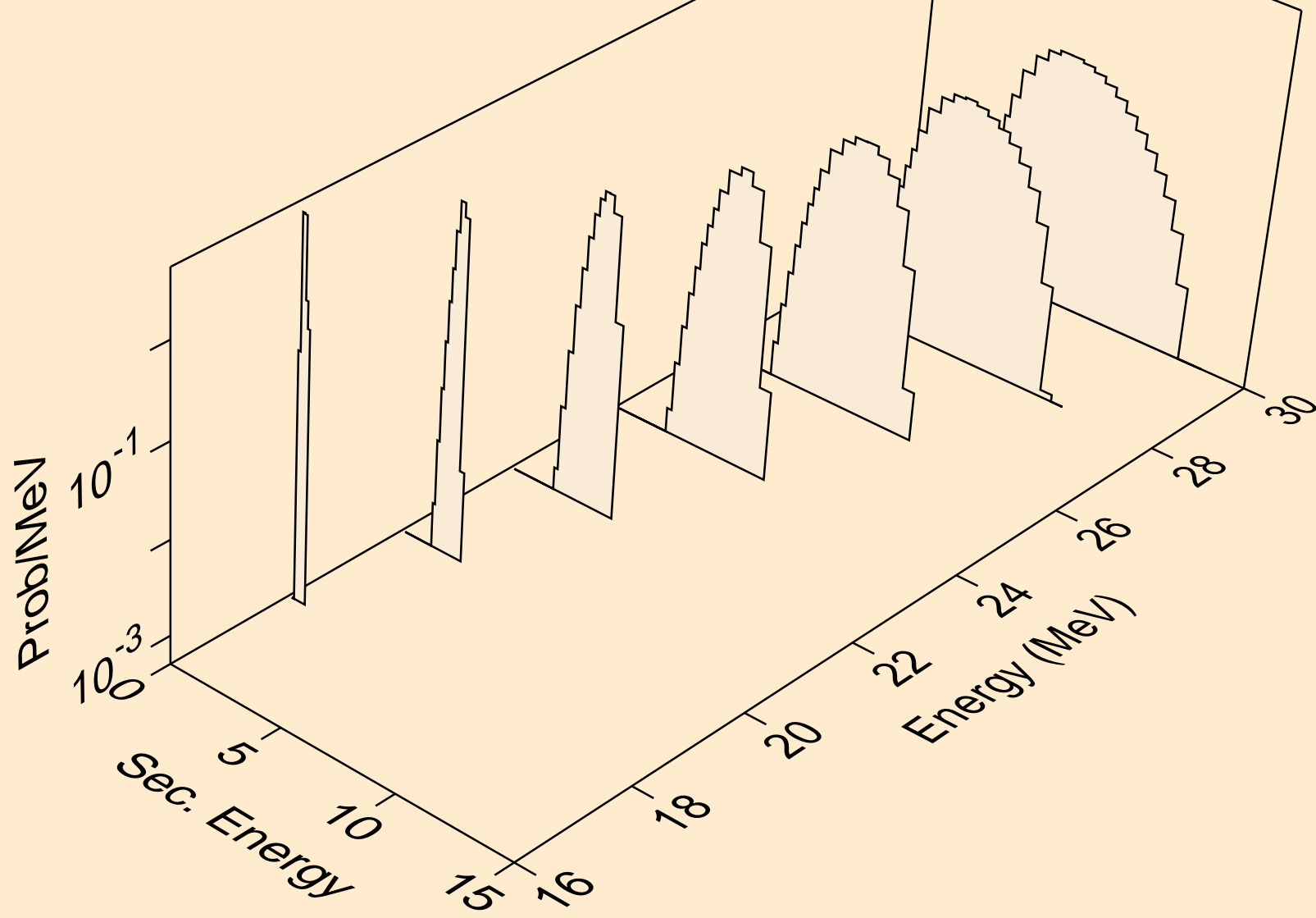
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



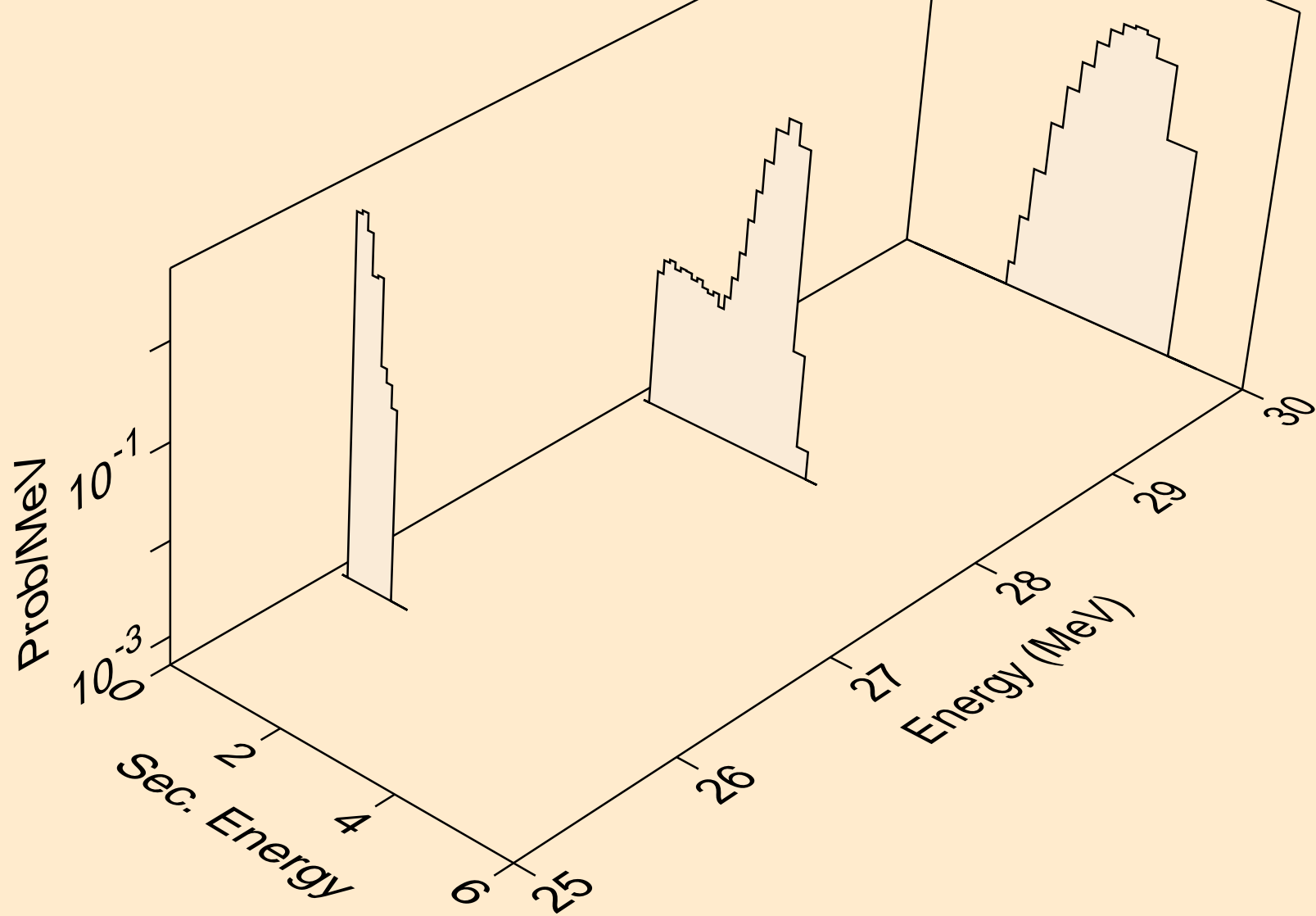
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



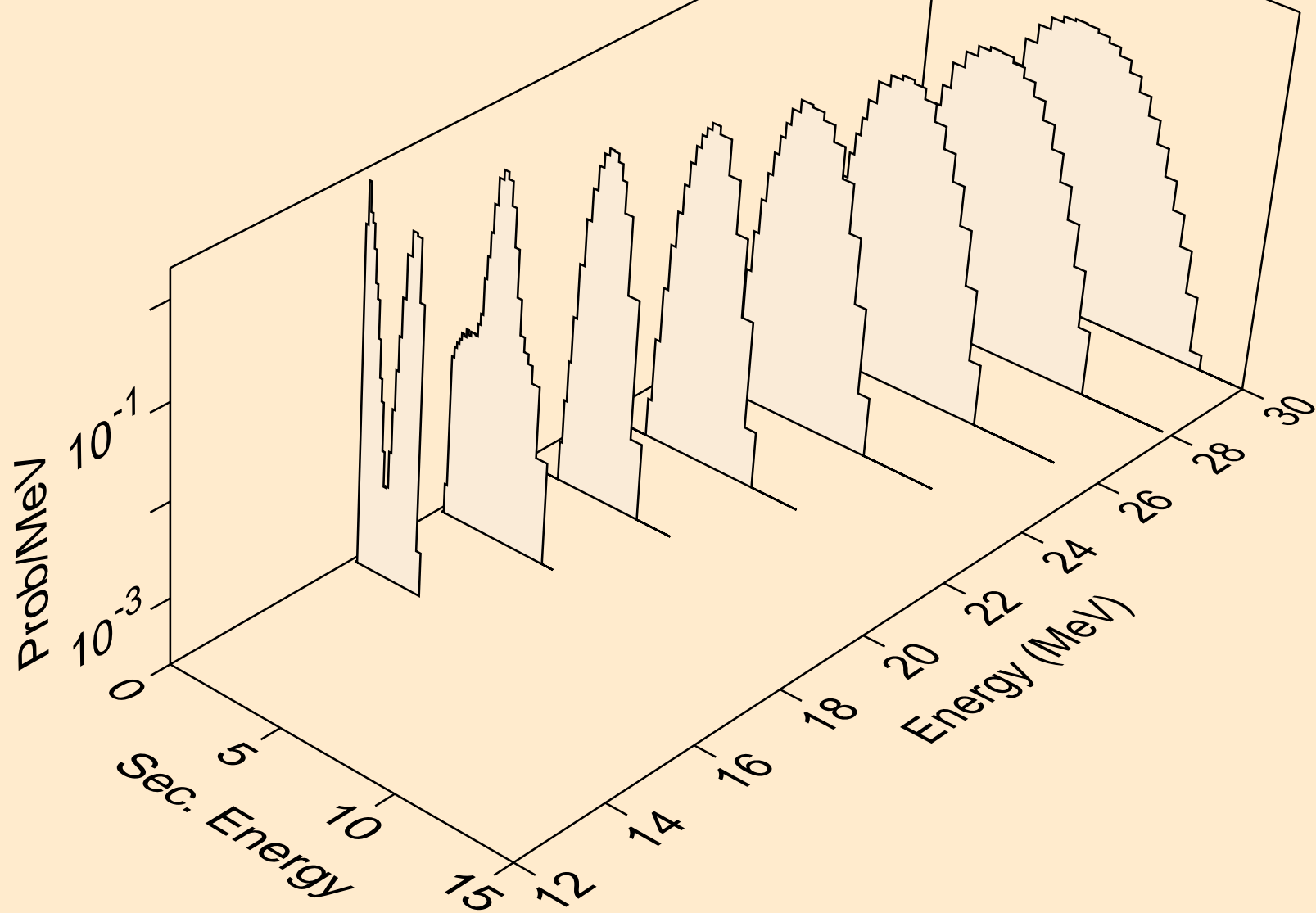
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



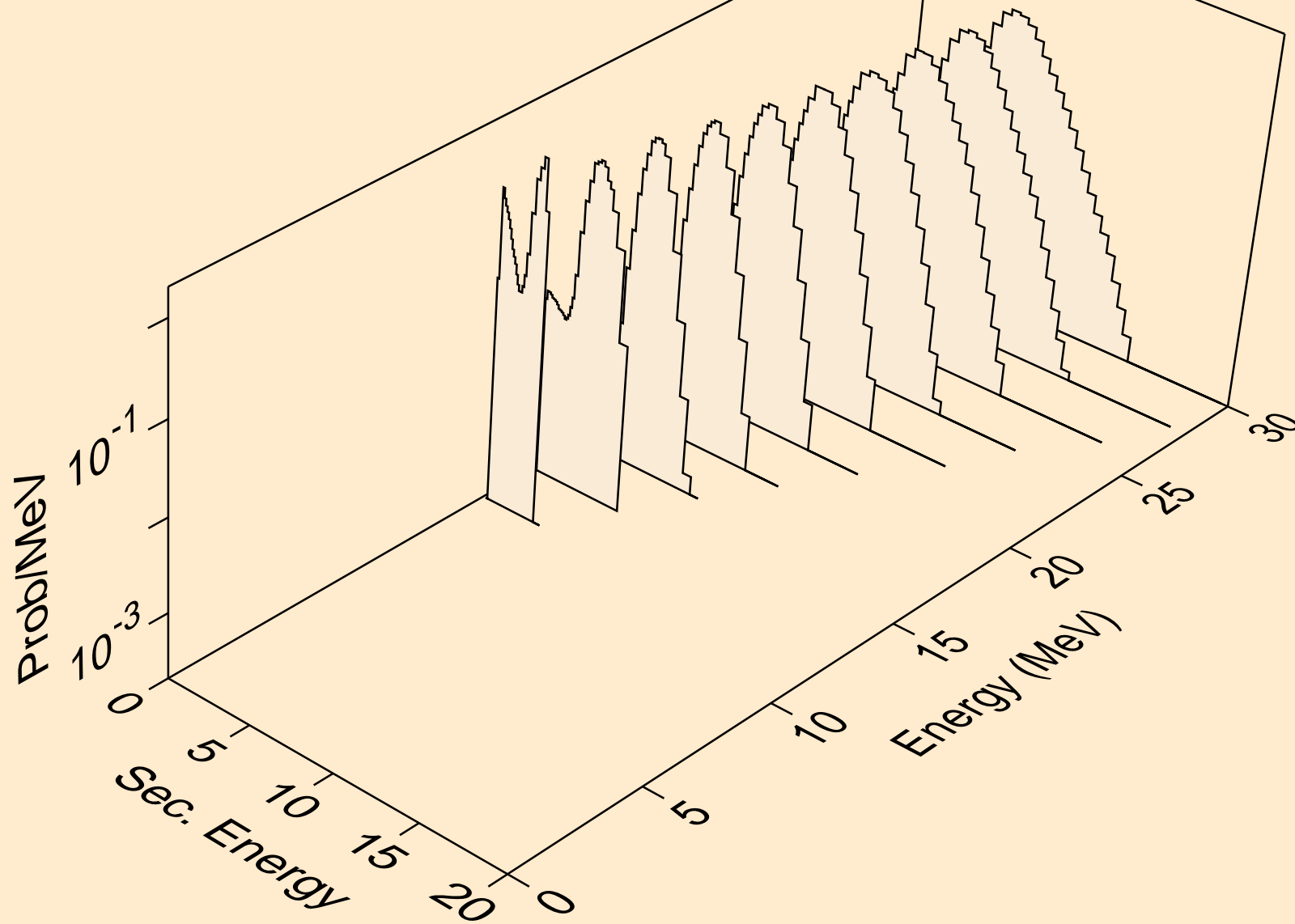
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



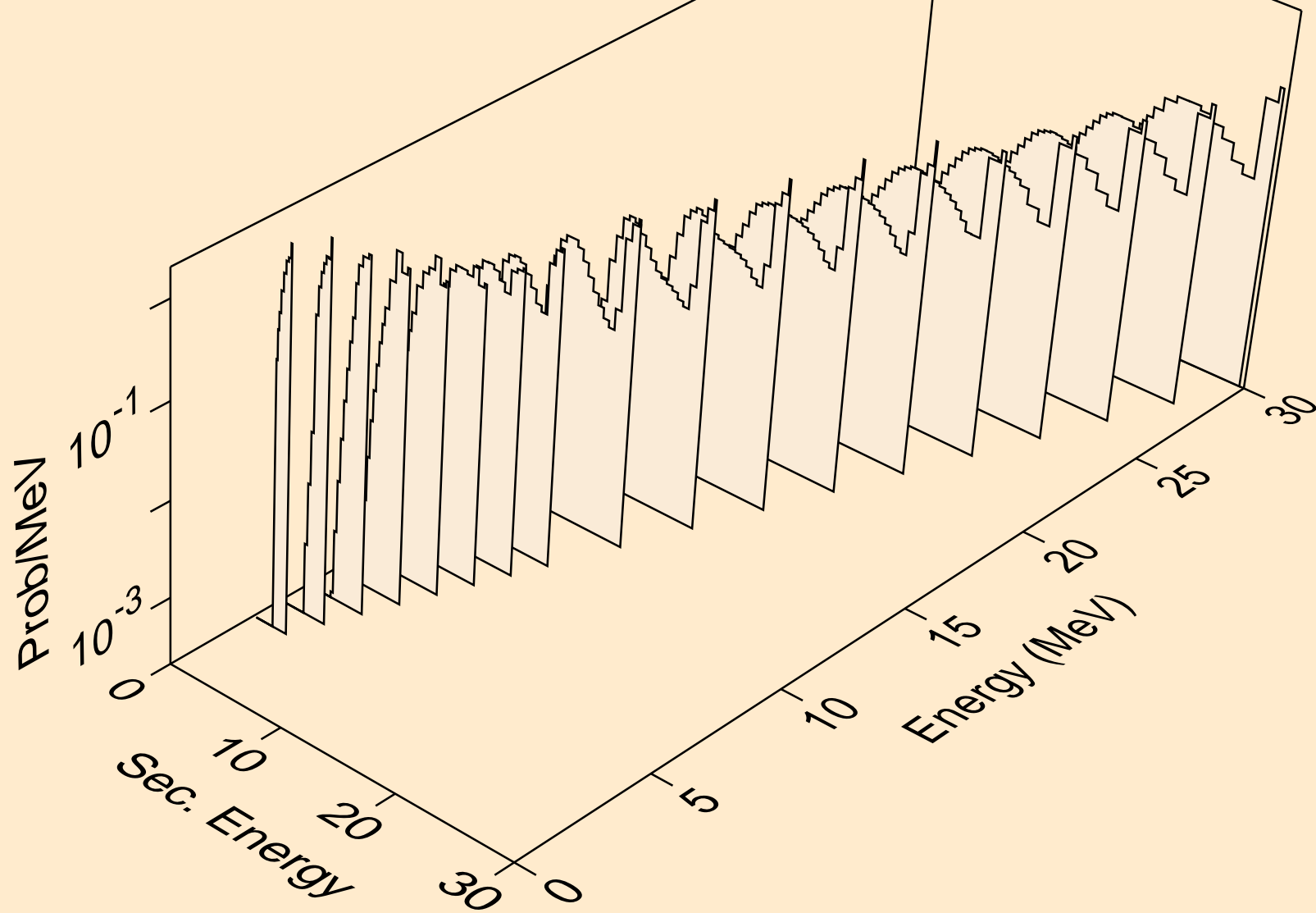
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

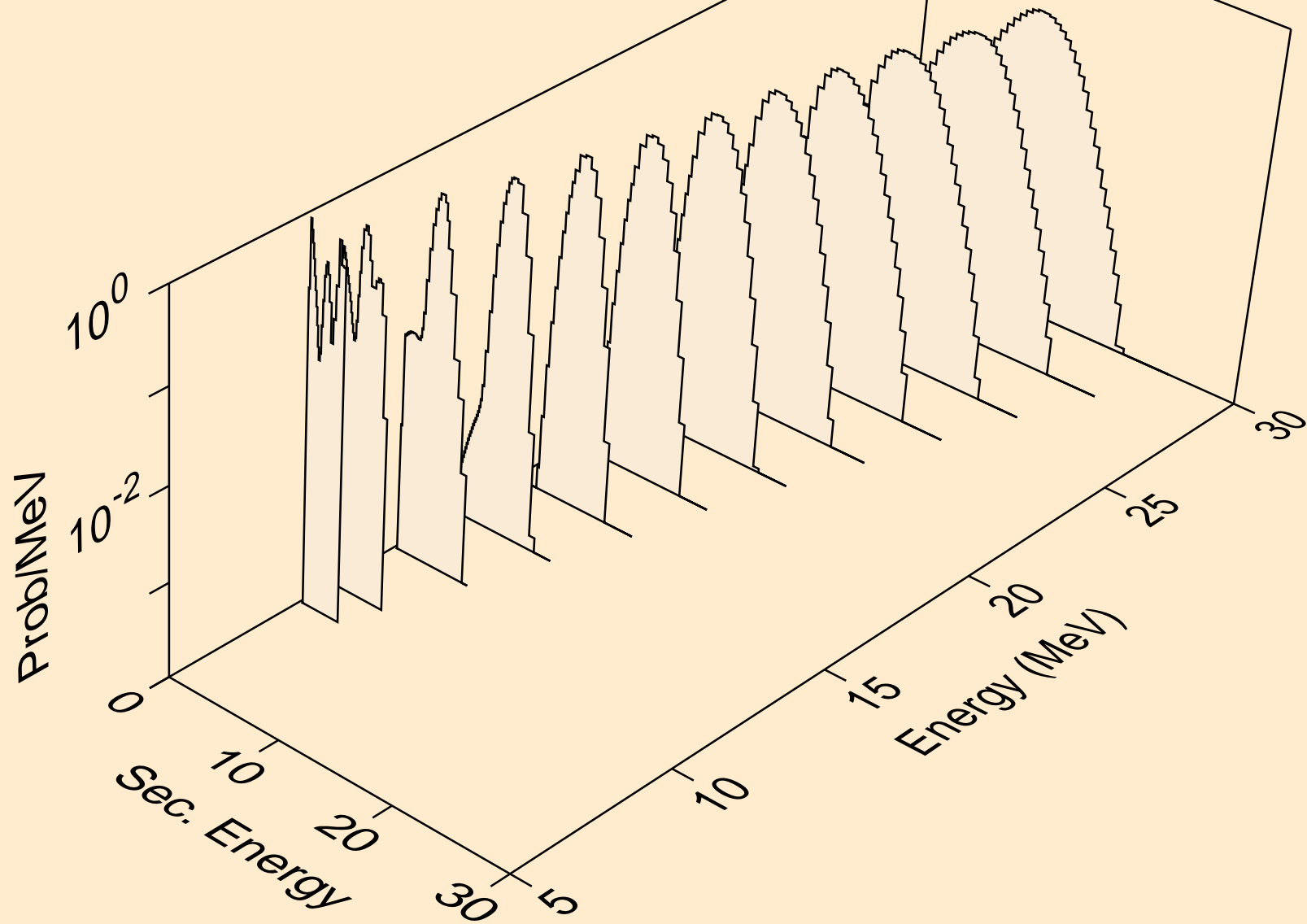


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

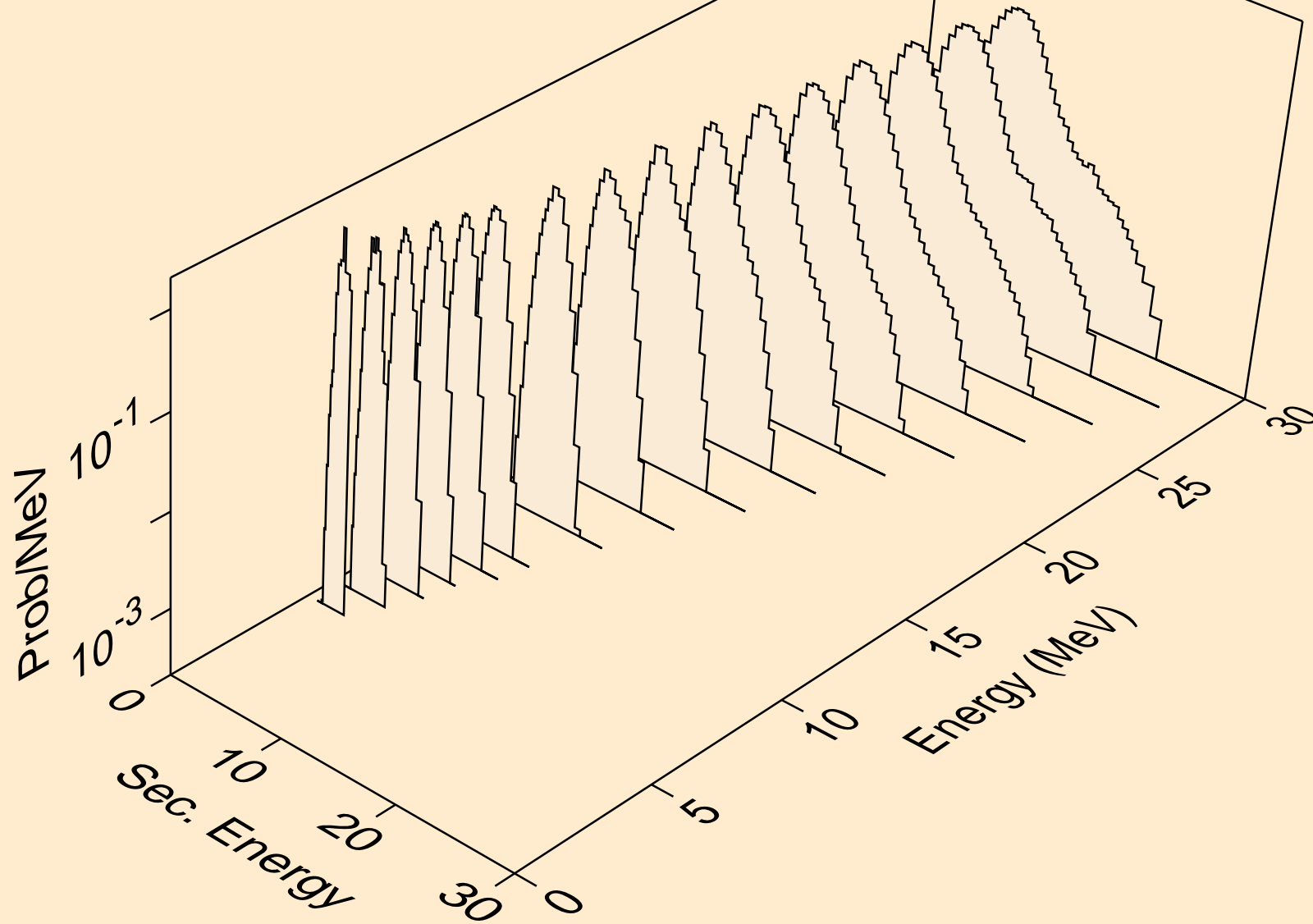




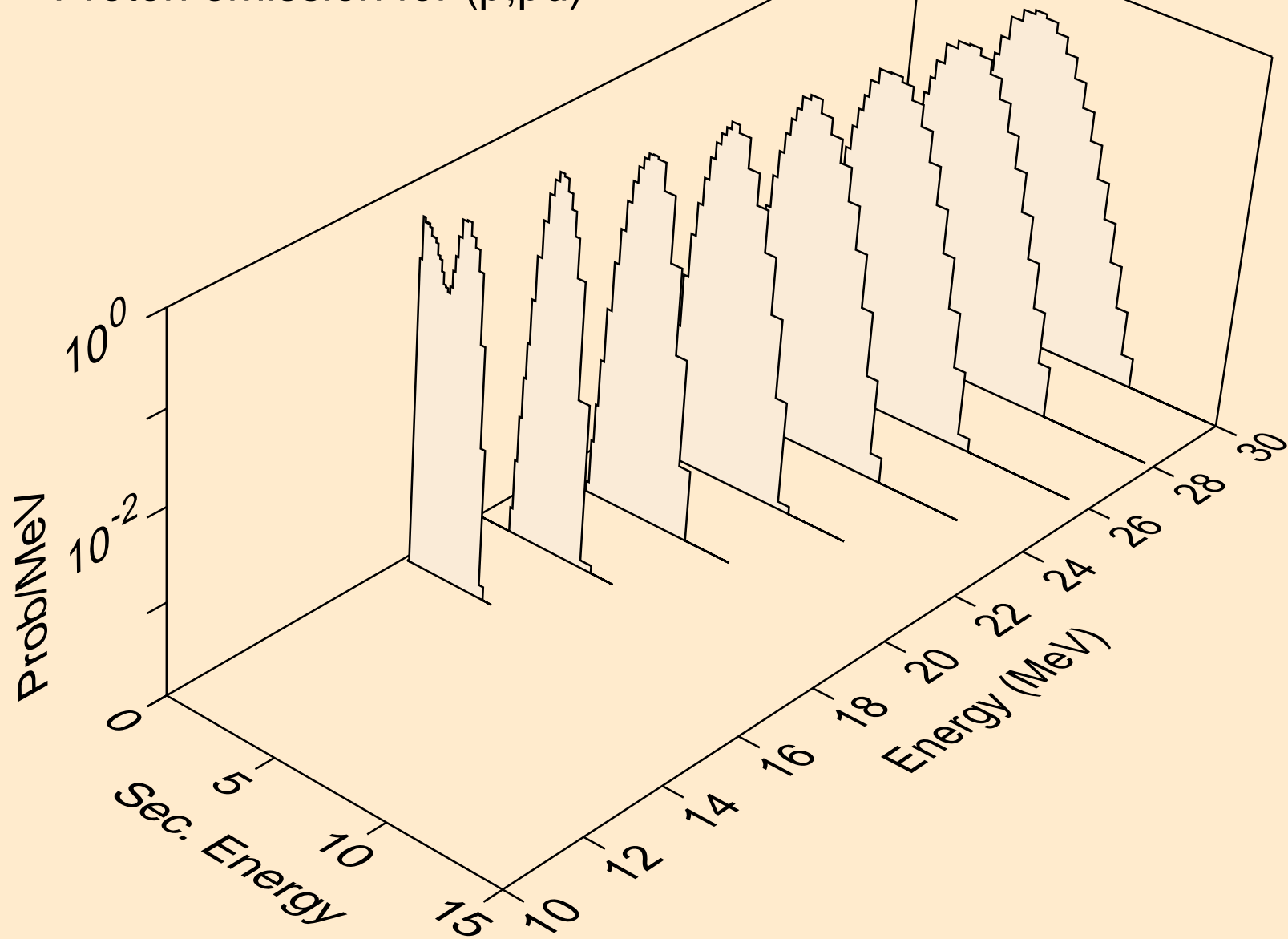
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)

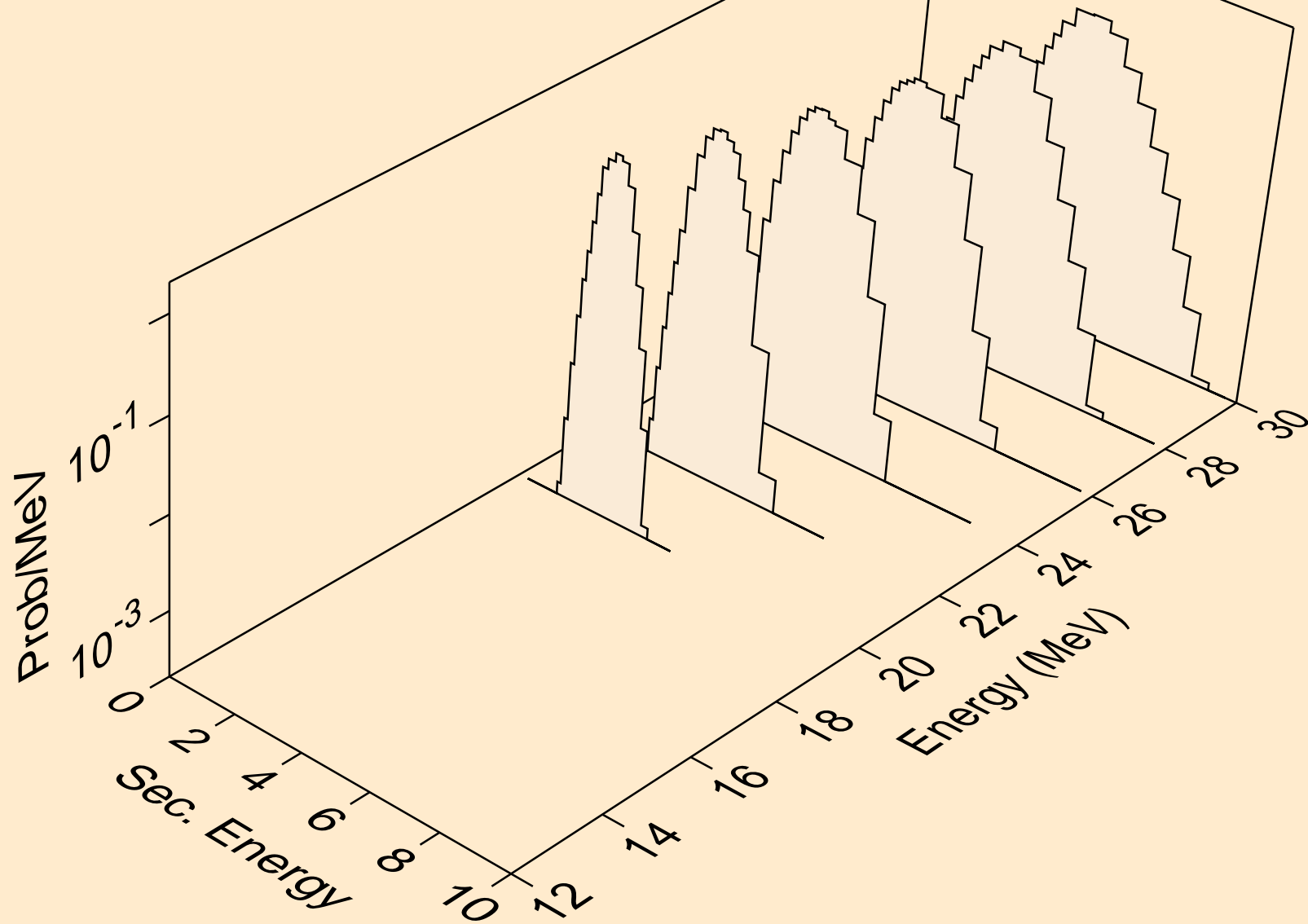


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)

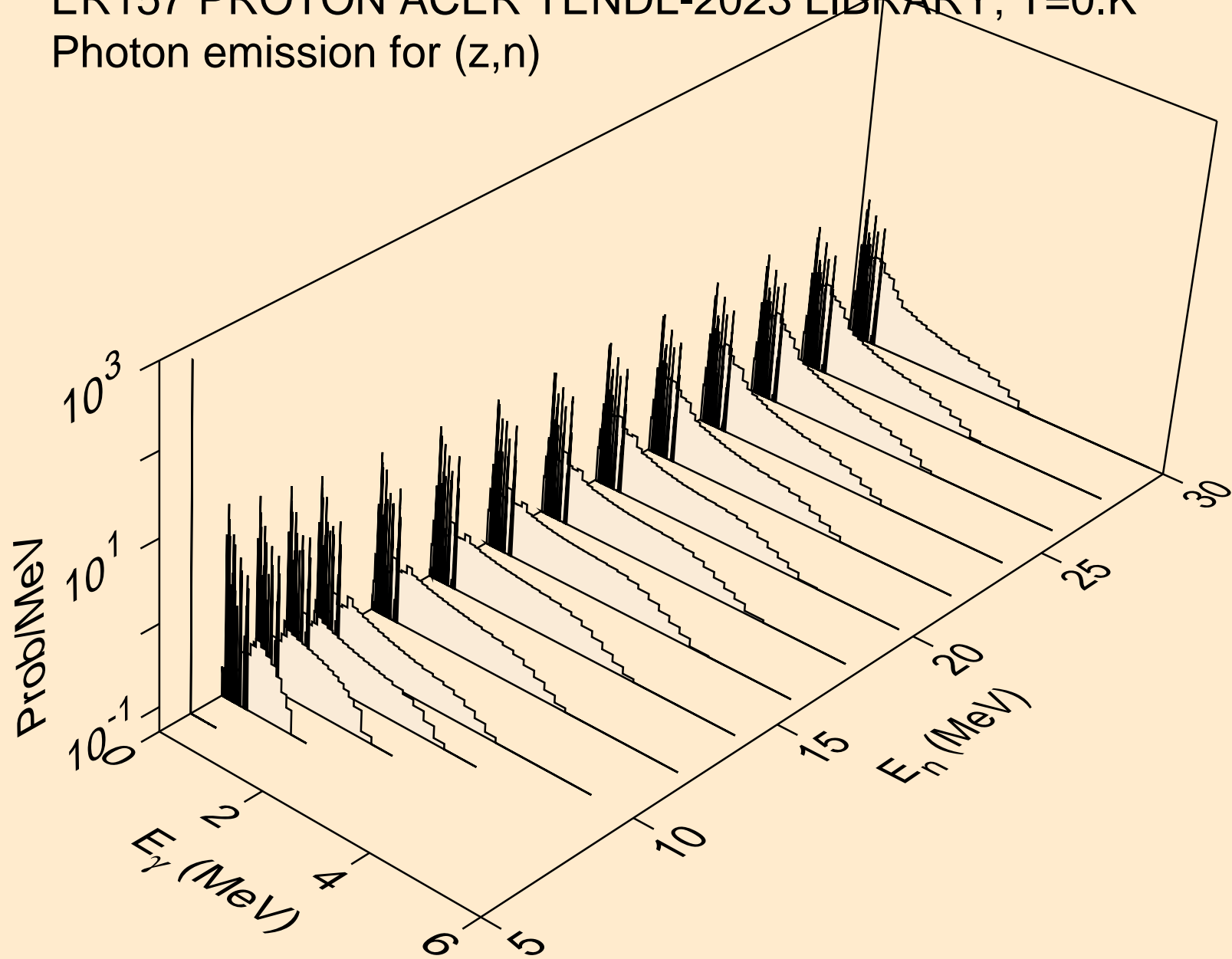


# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

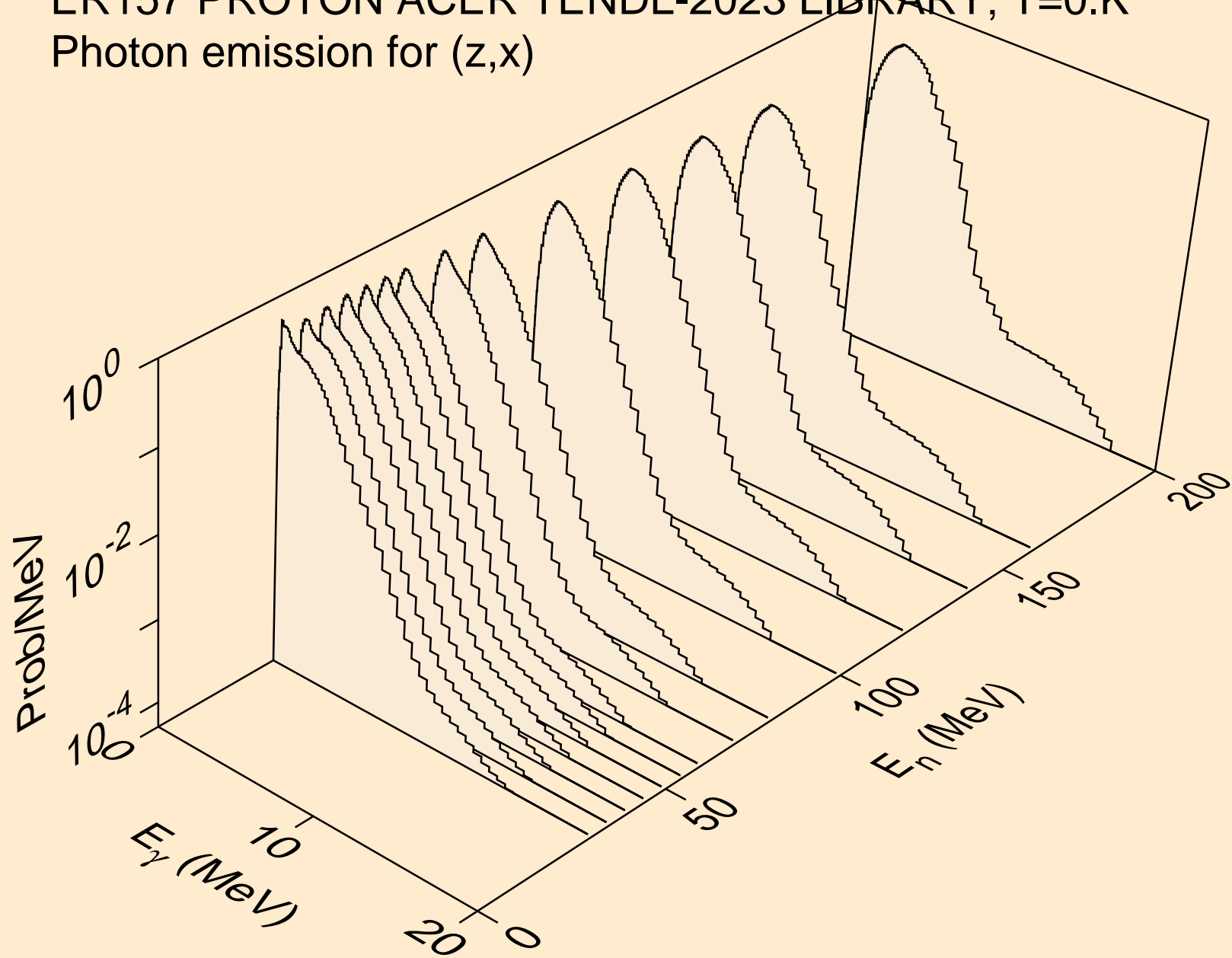
Proton emission for (p,pt)



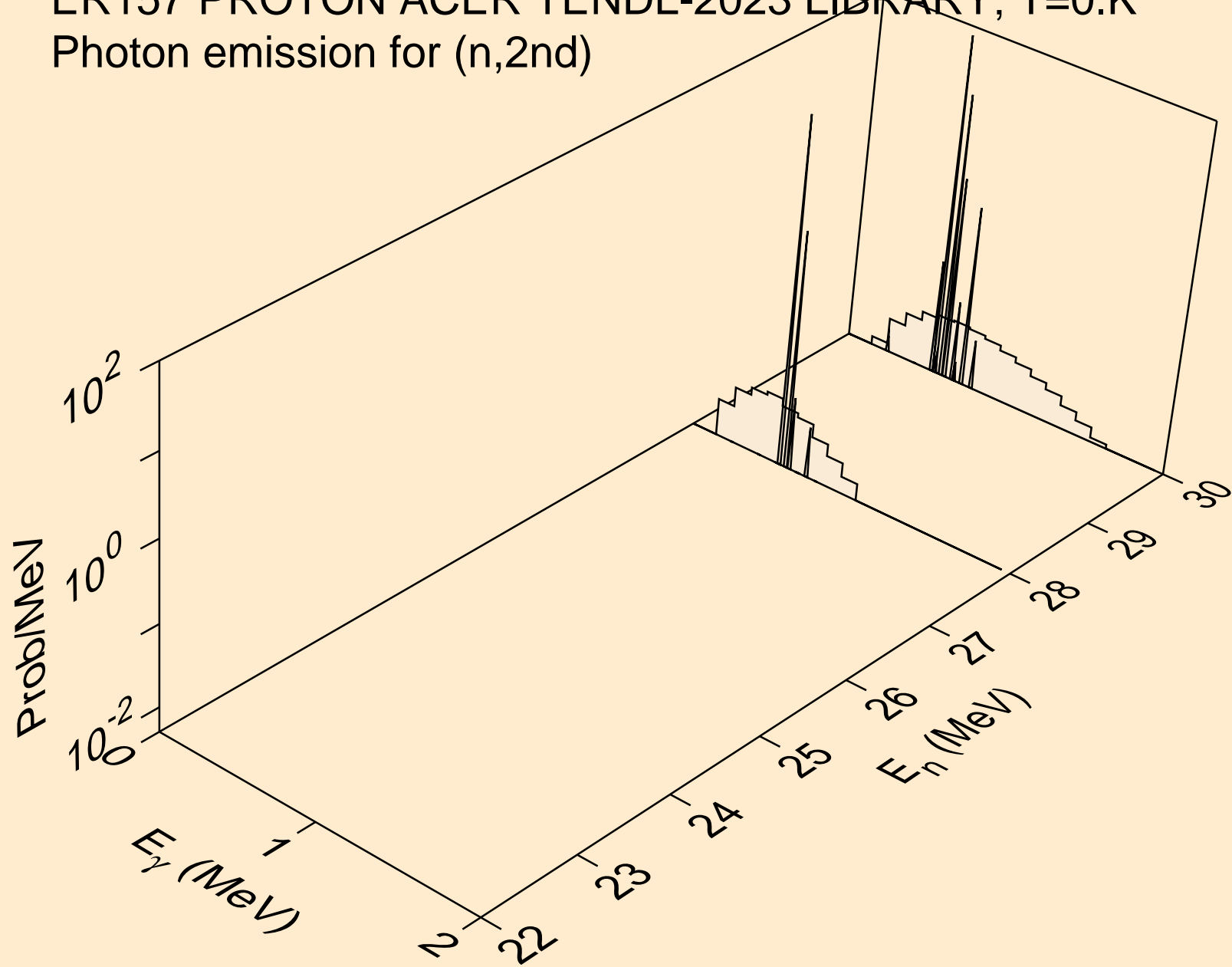
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



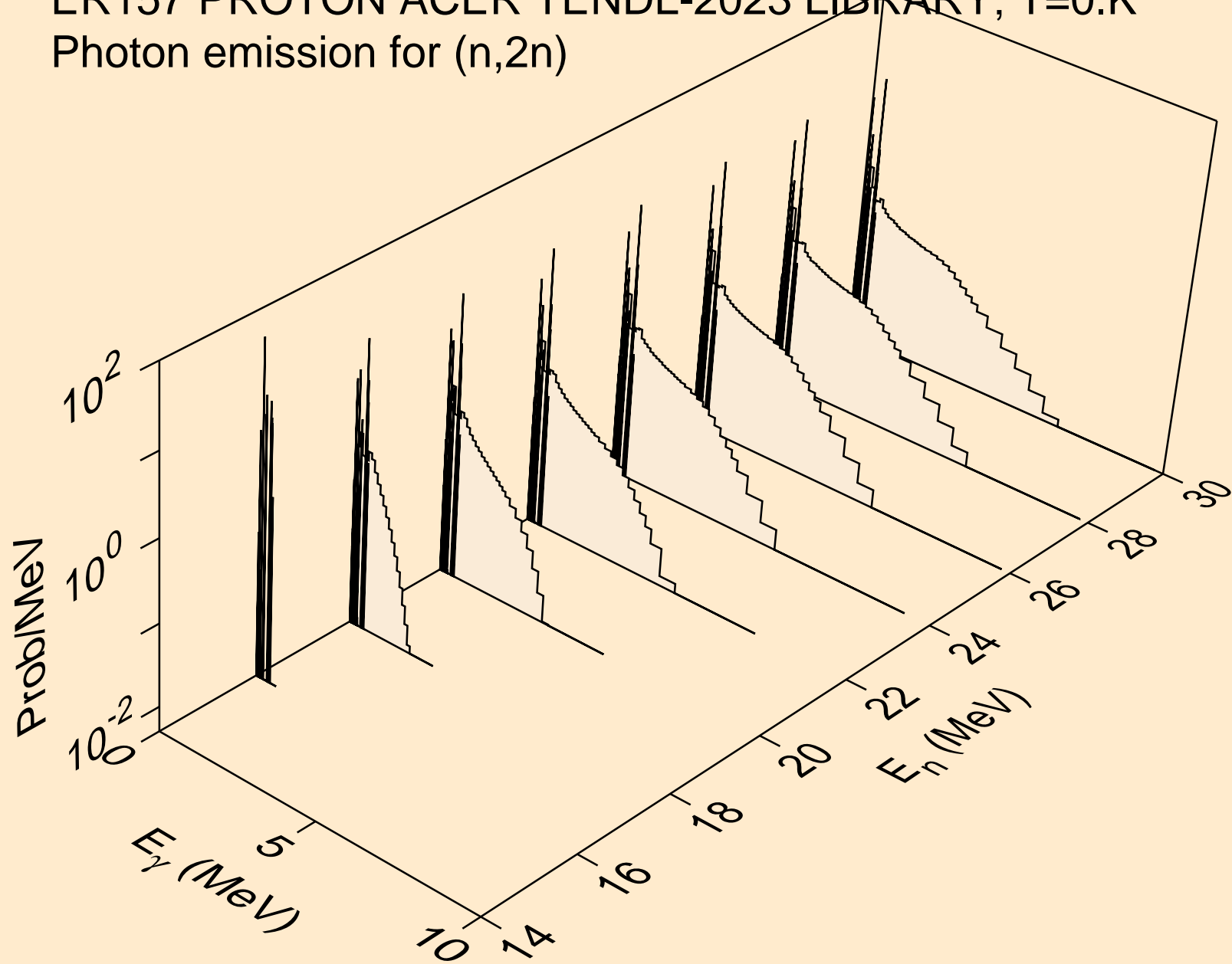
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

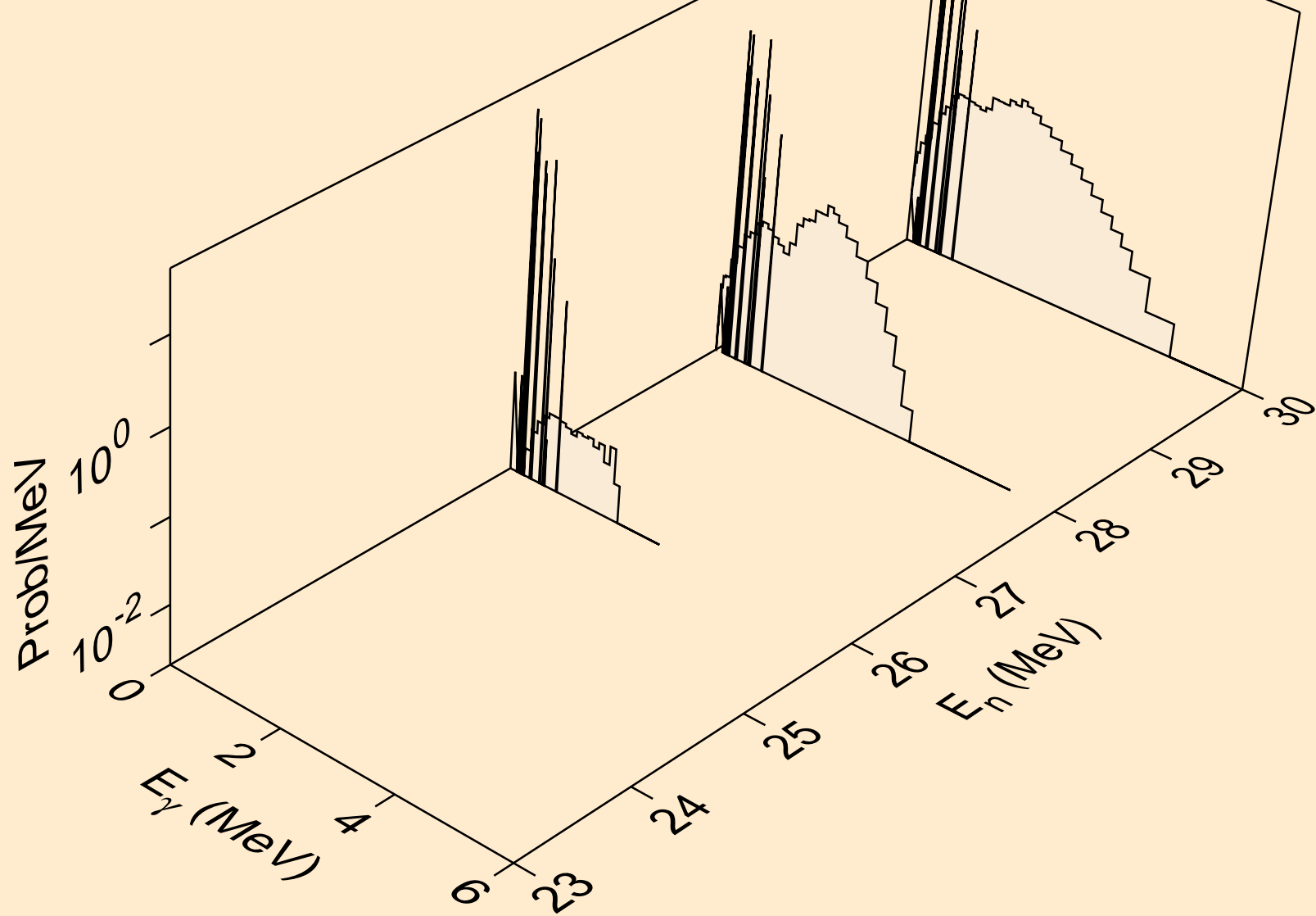


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

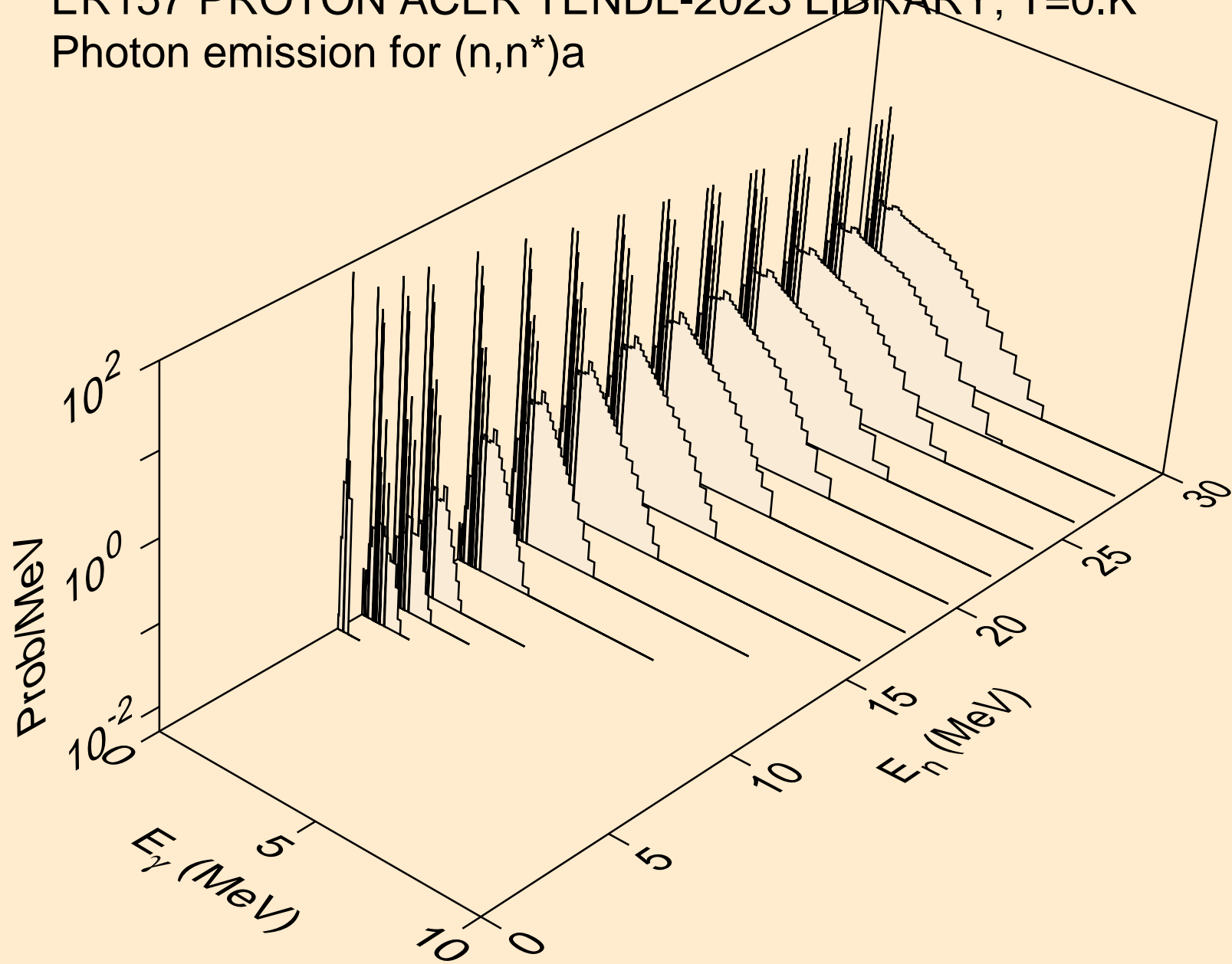




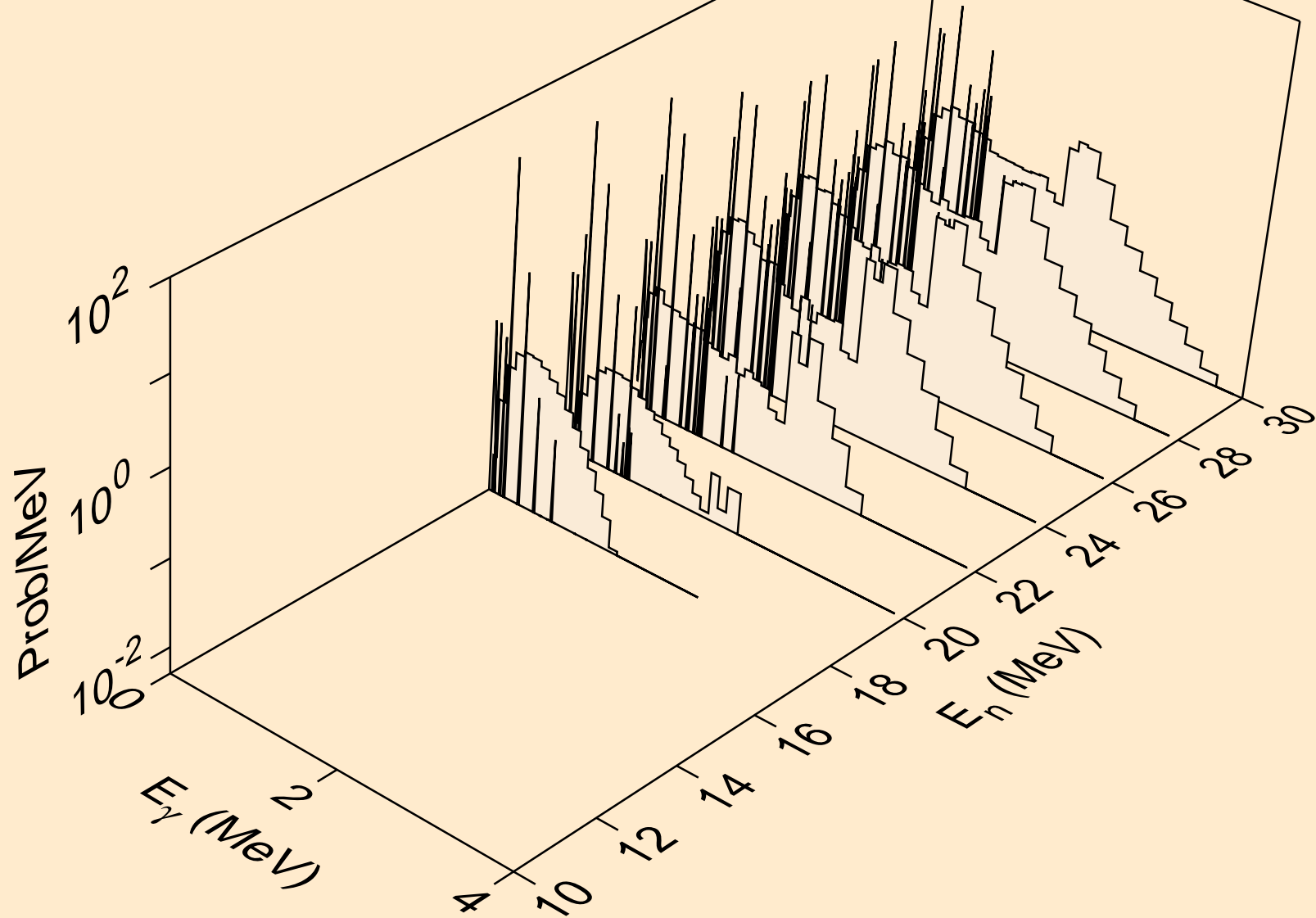
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



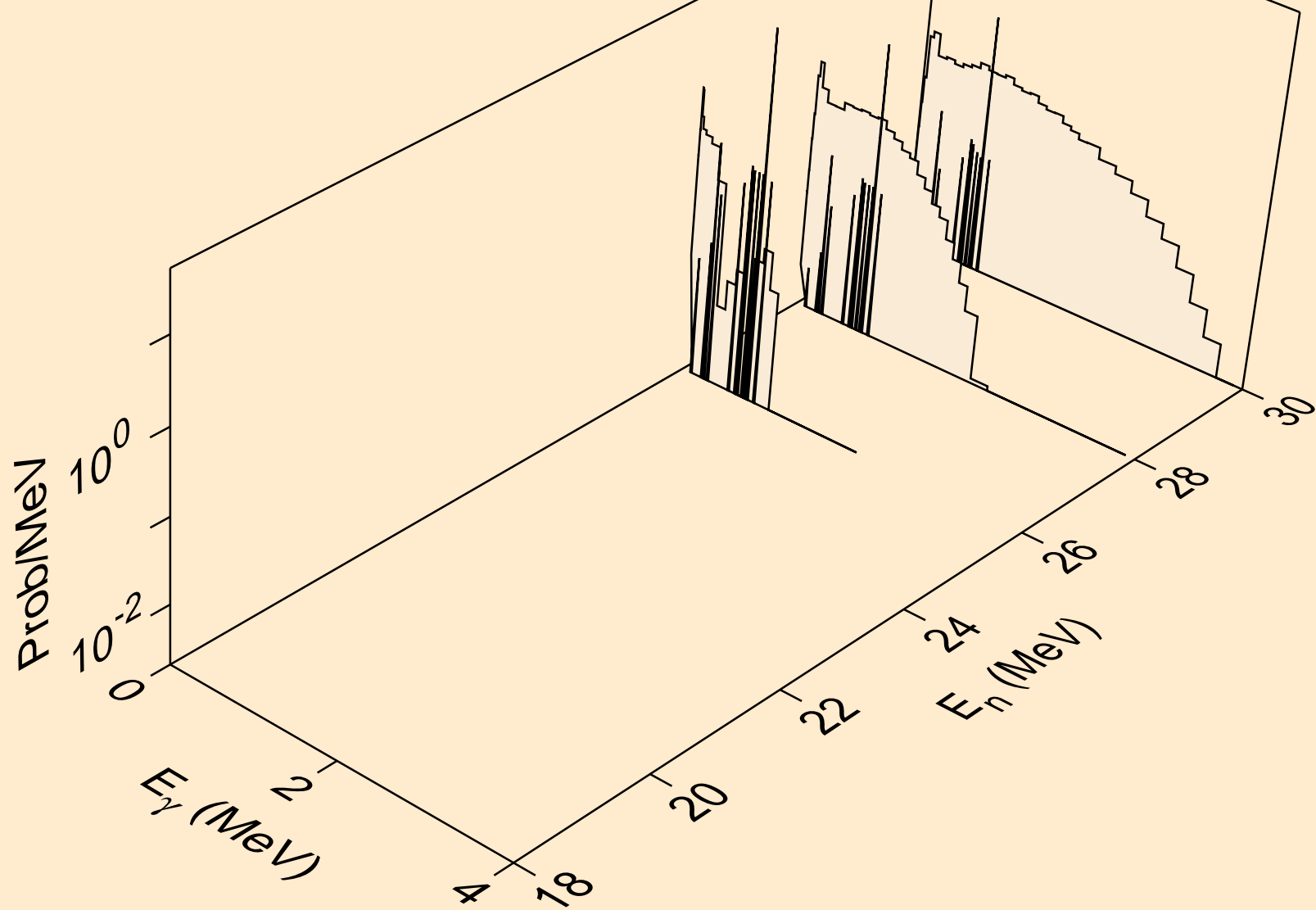
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



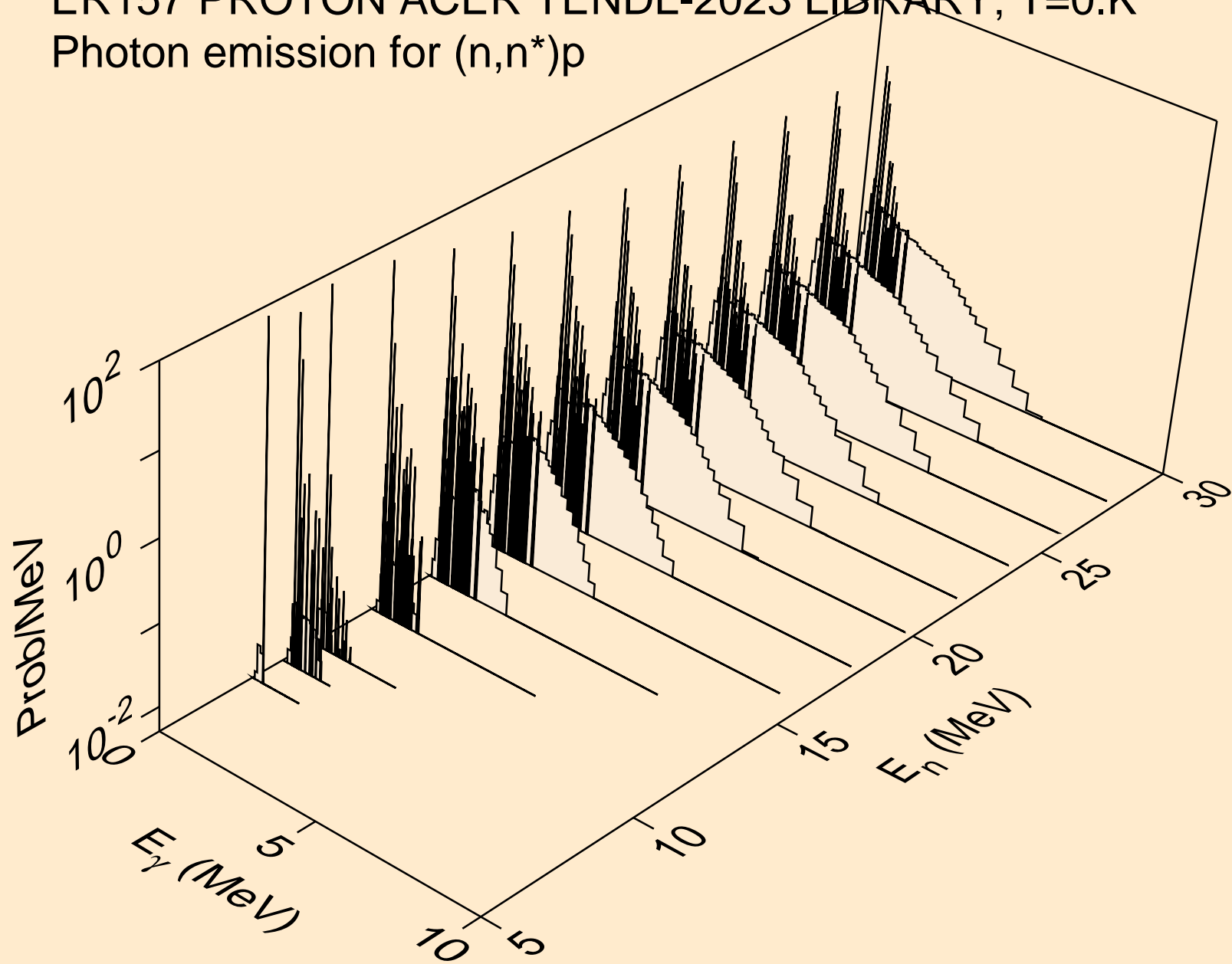
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



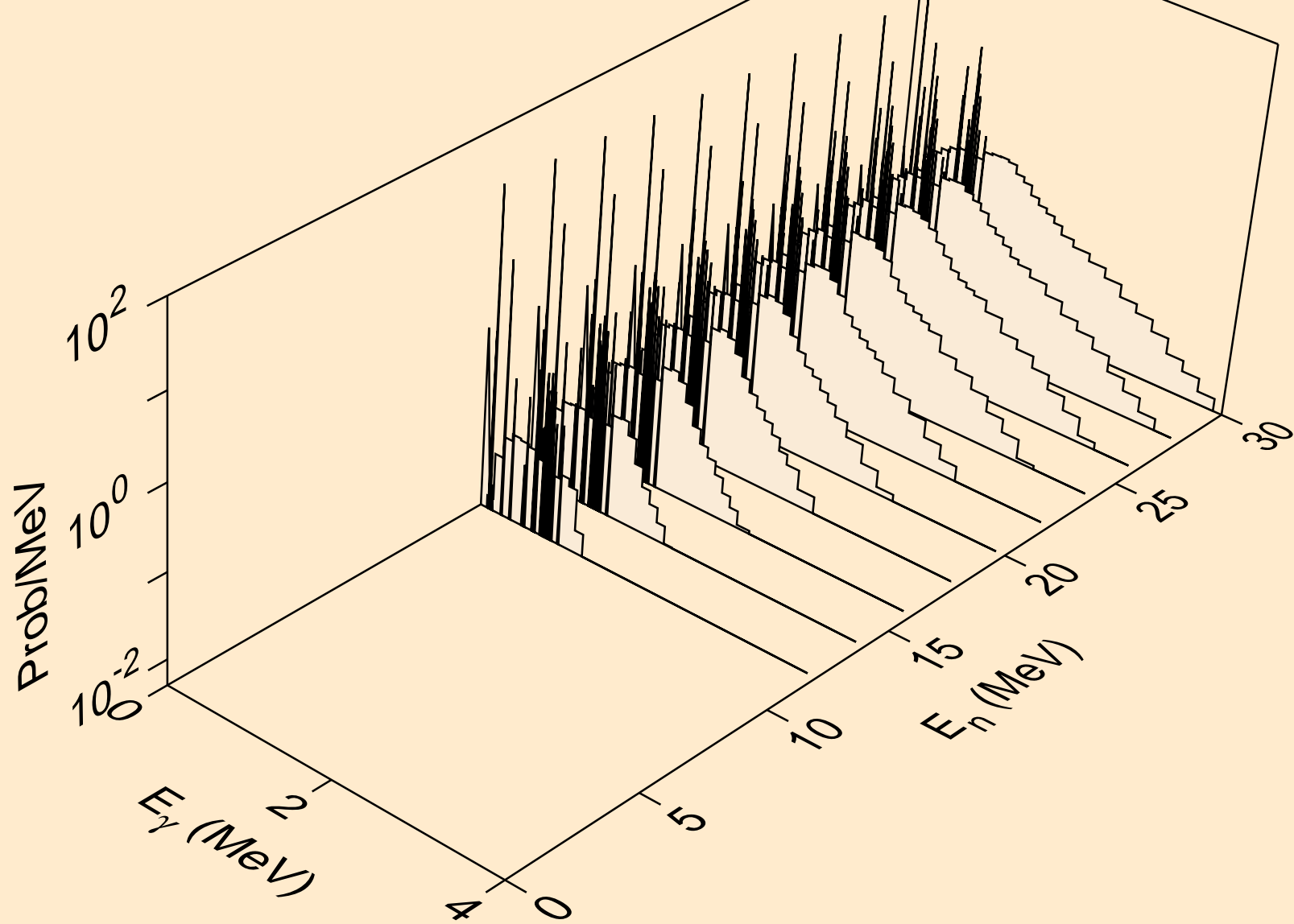
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



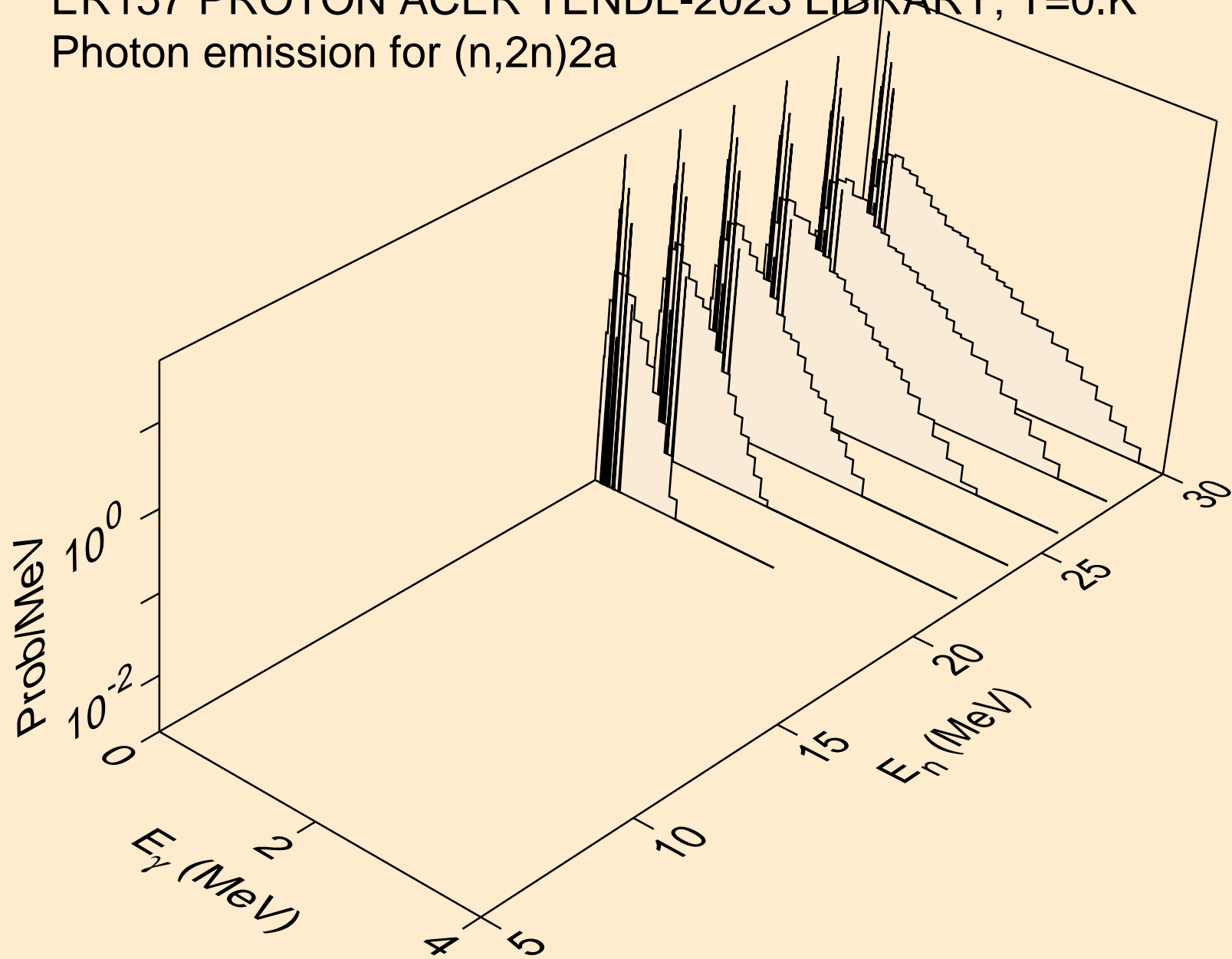
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



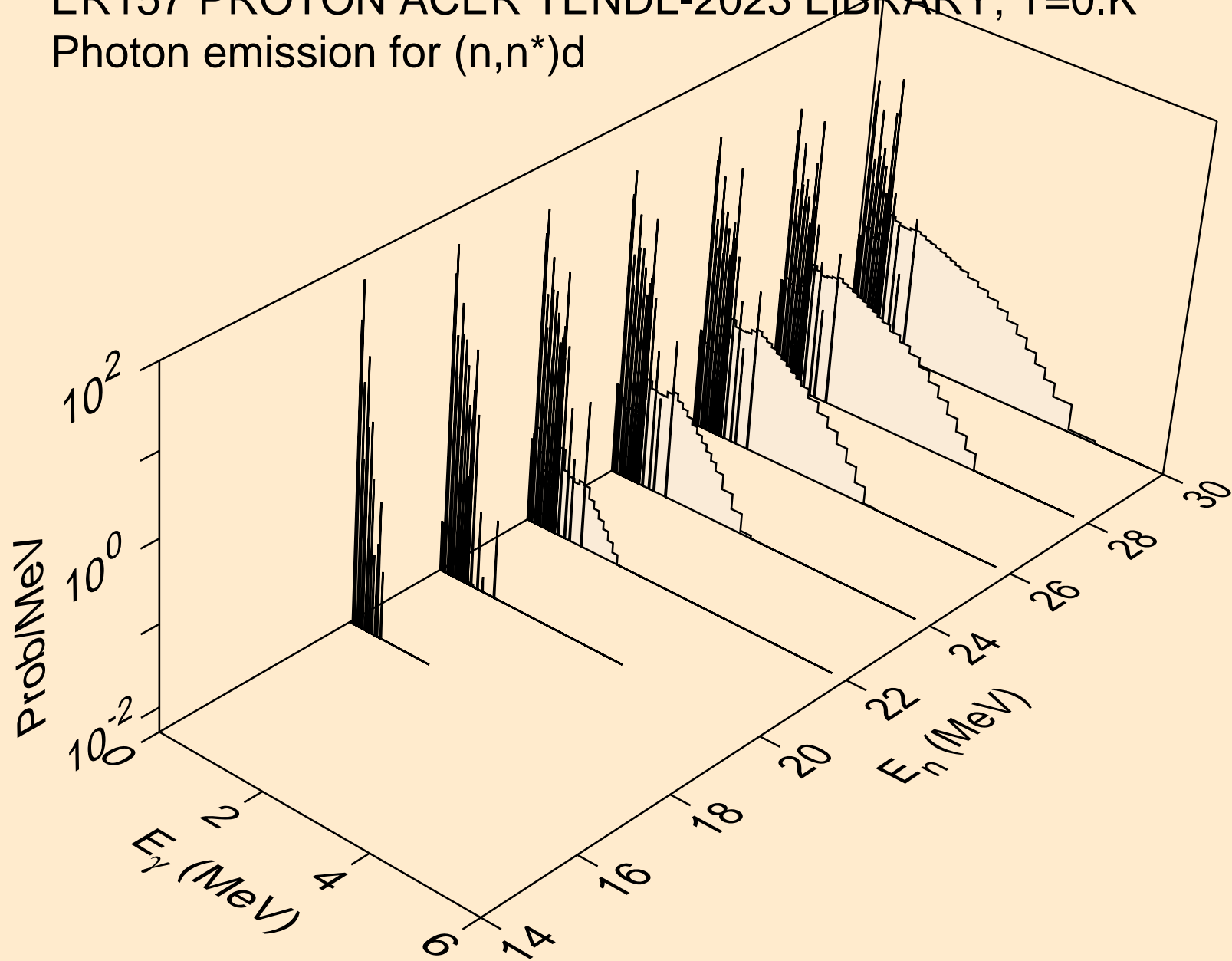
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

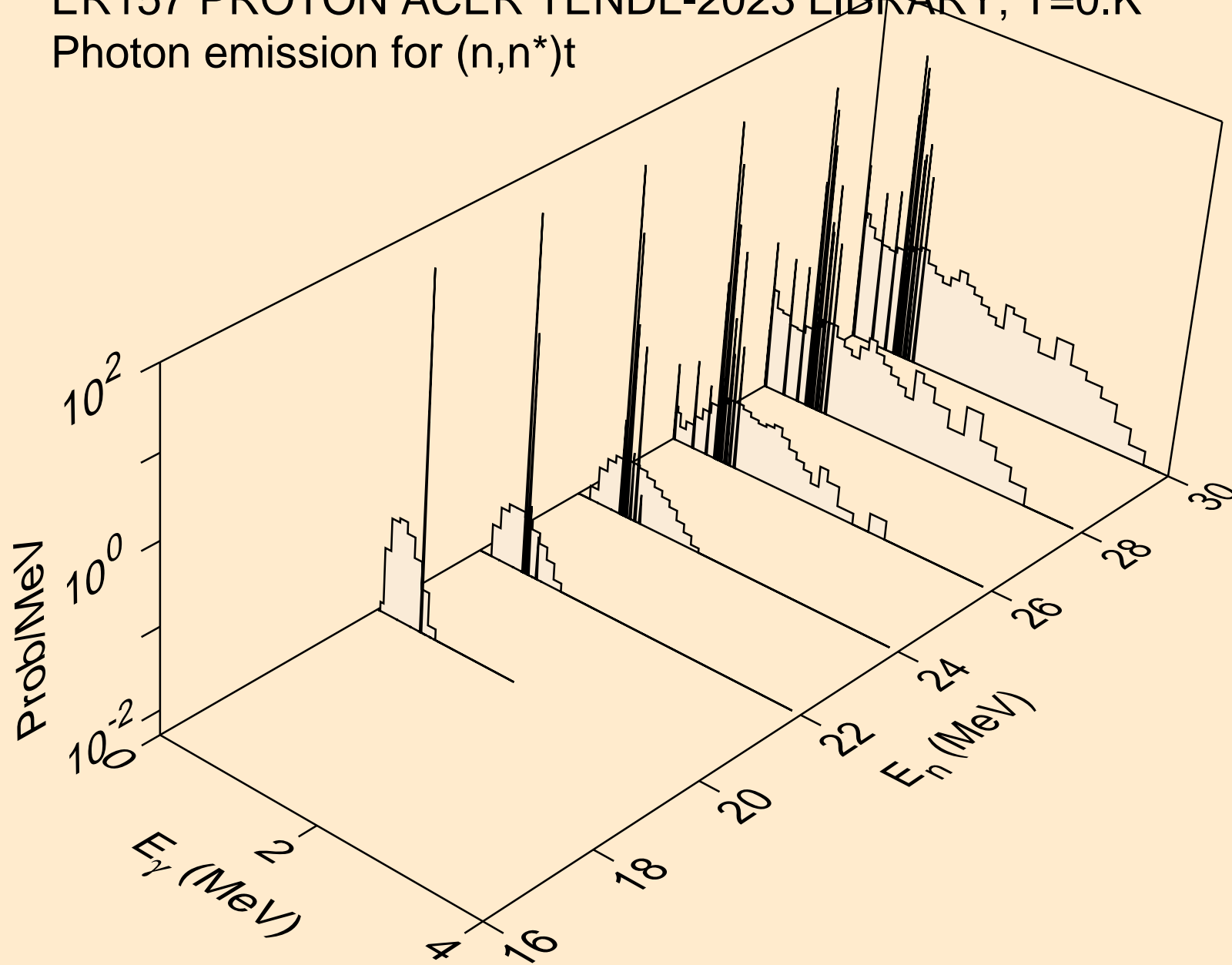


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

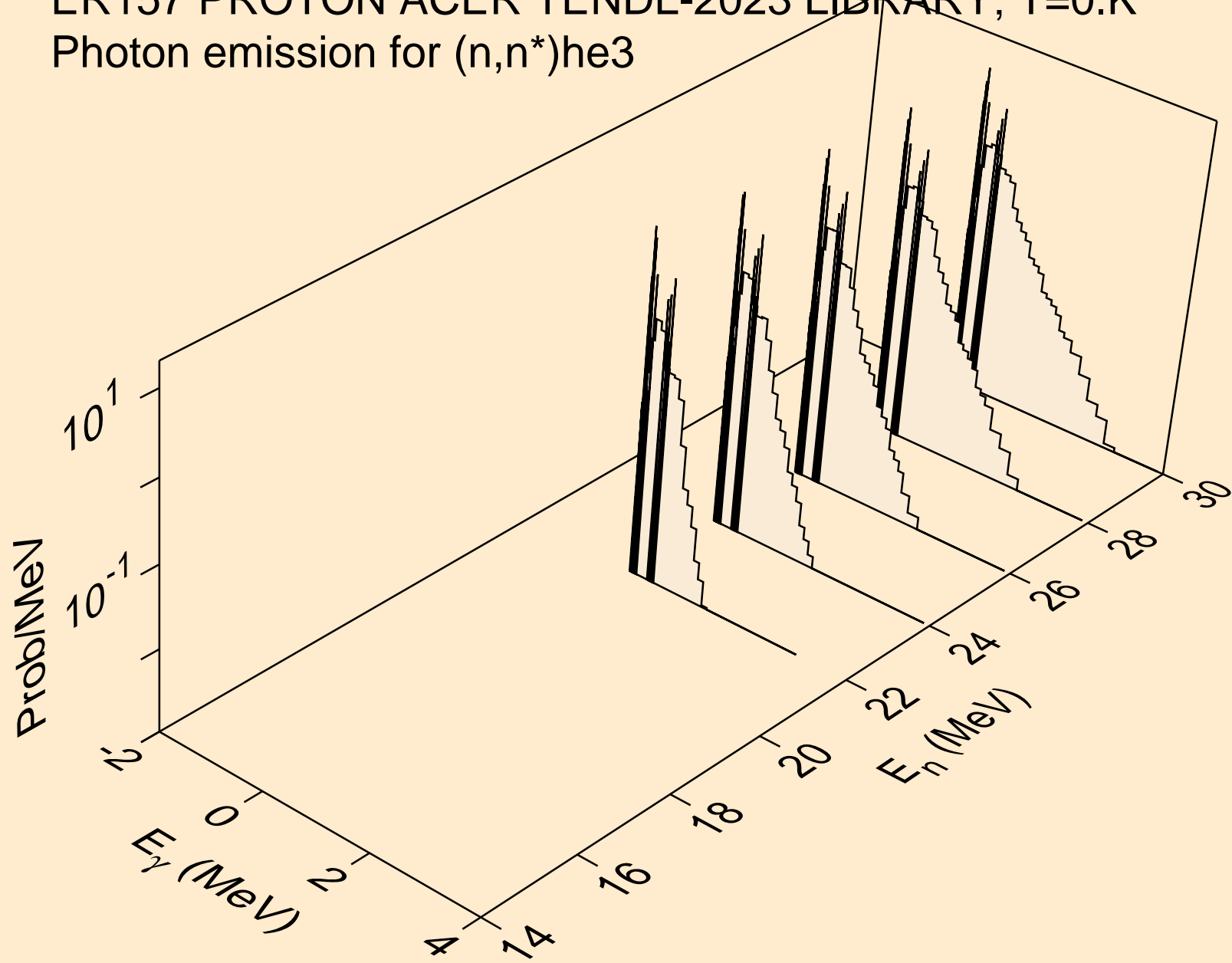




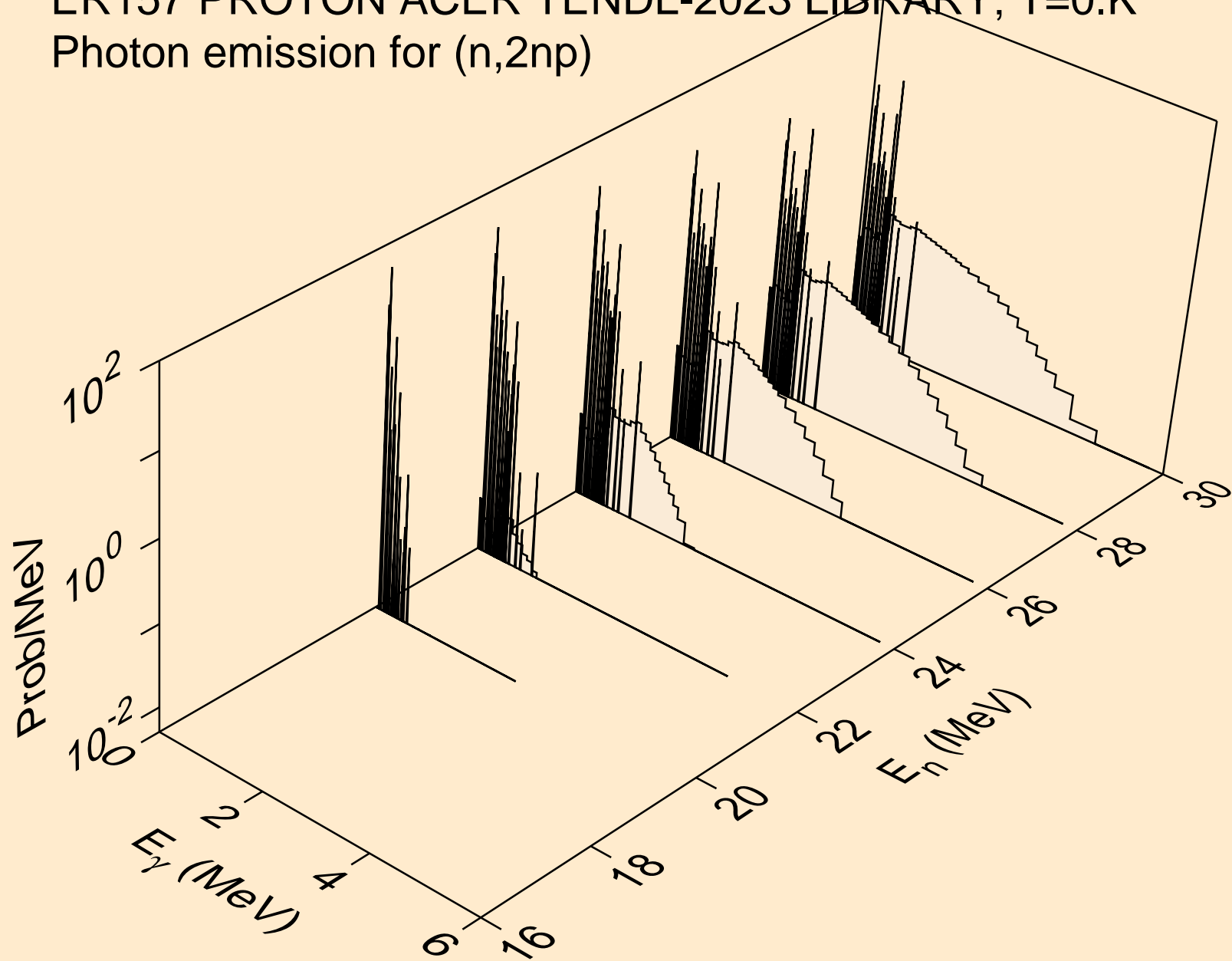
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



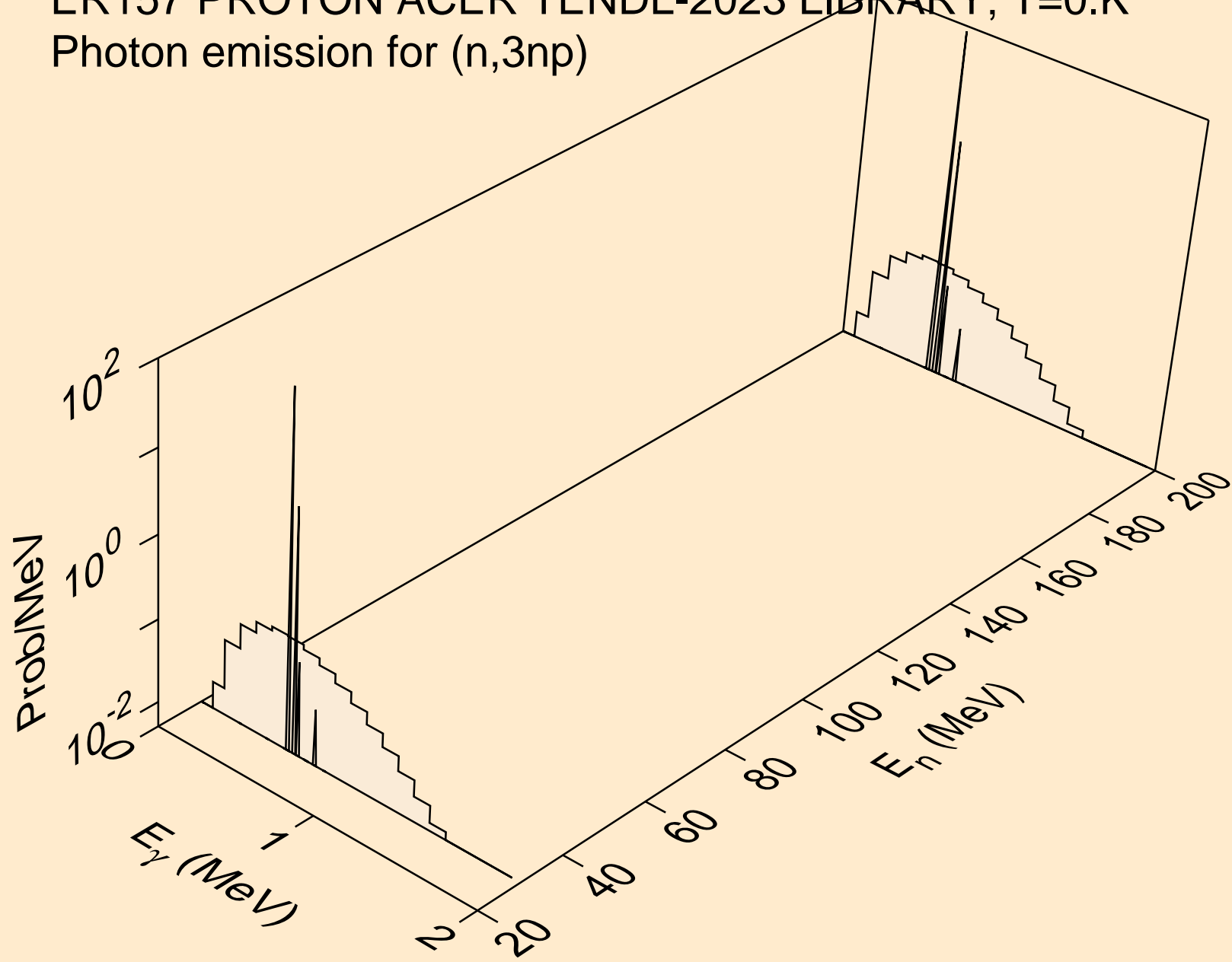
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



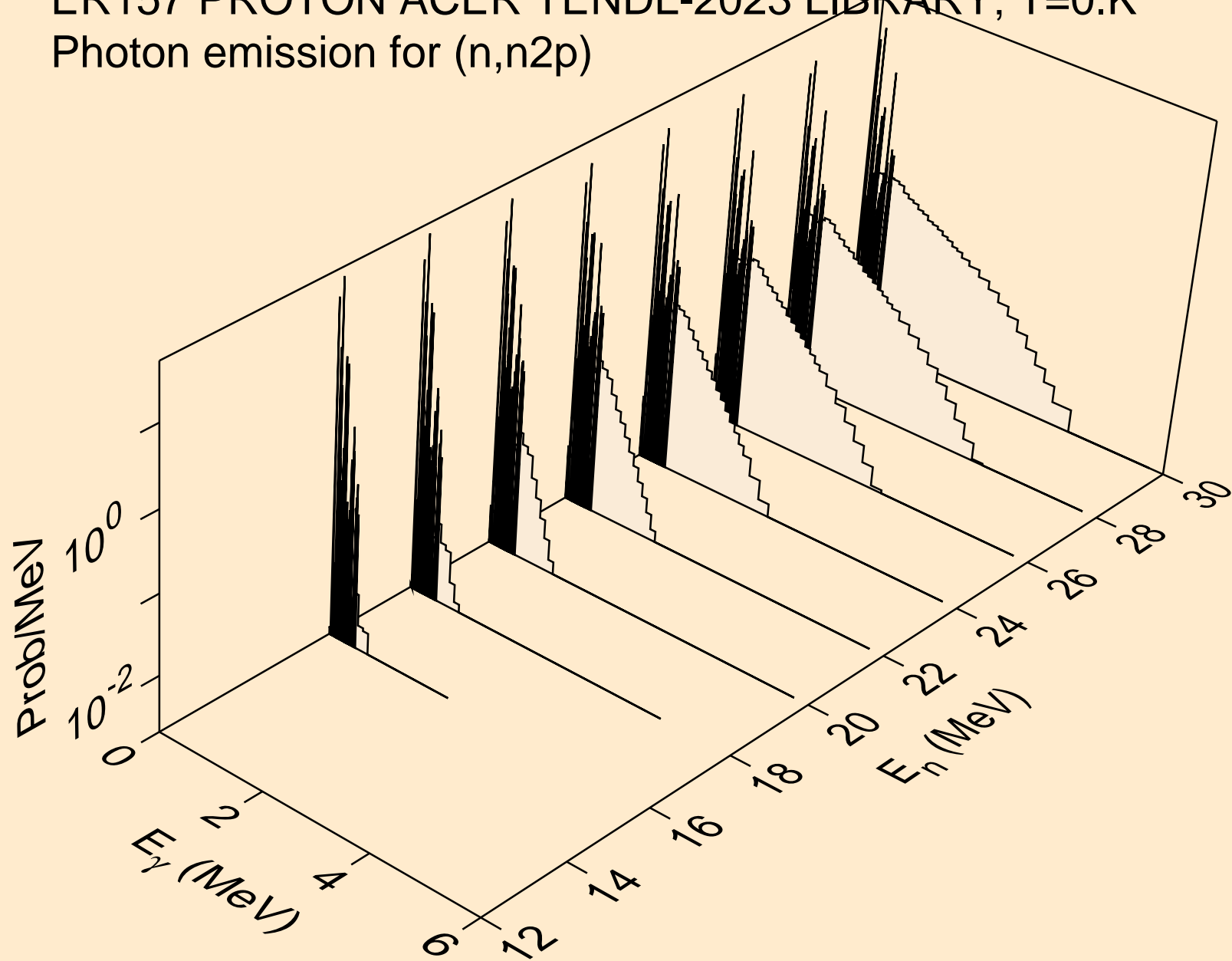
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



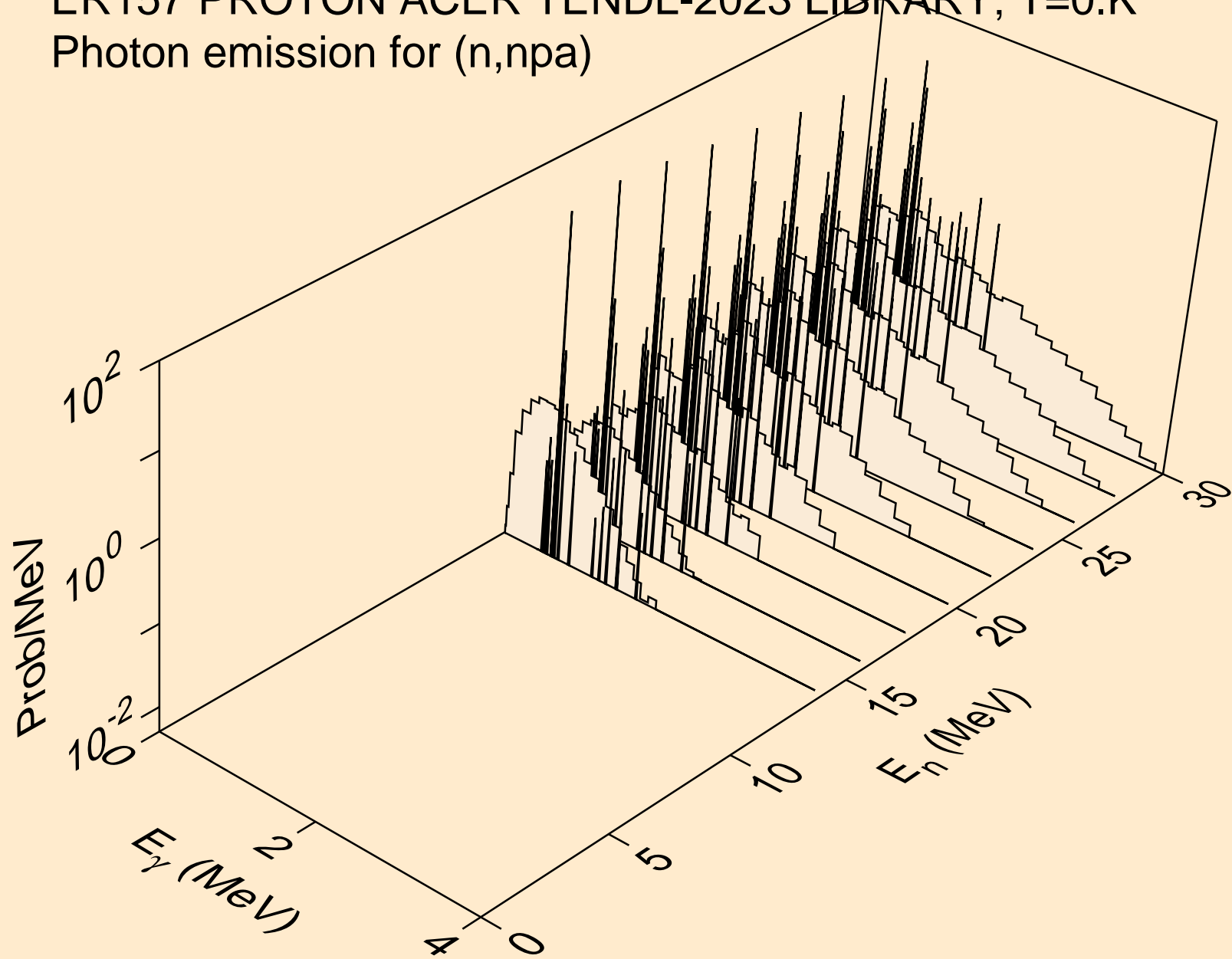
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



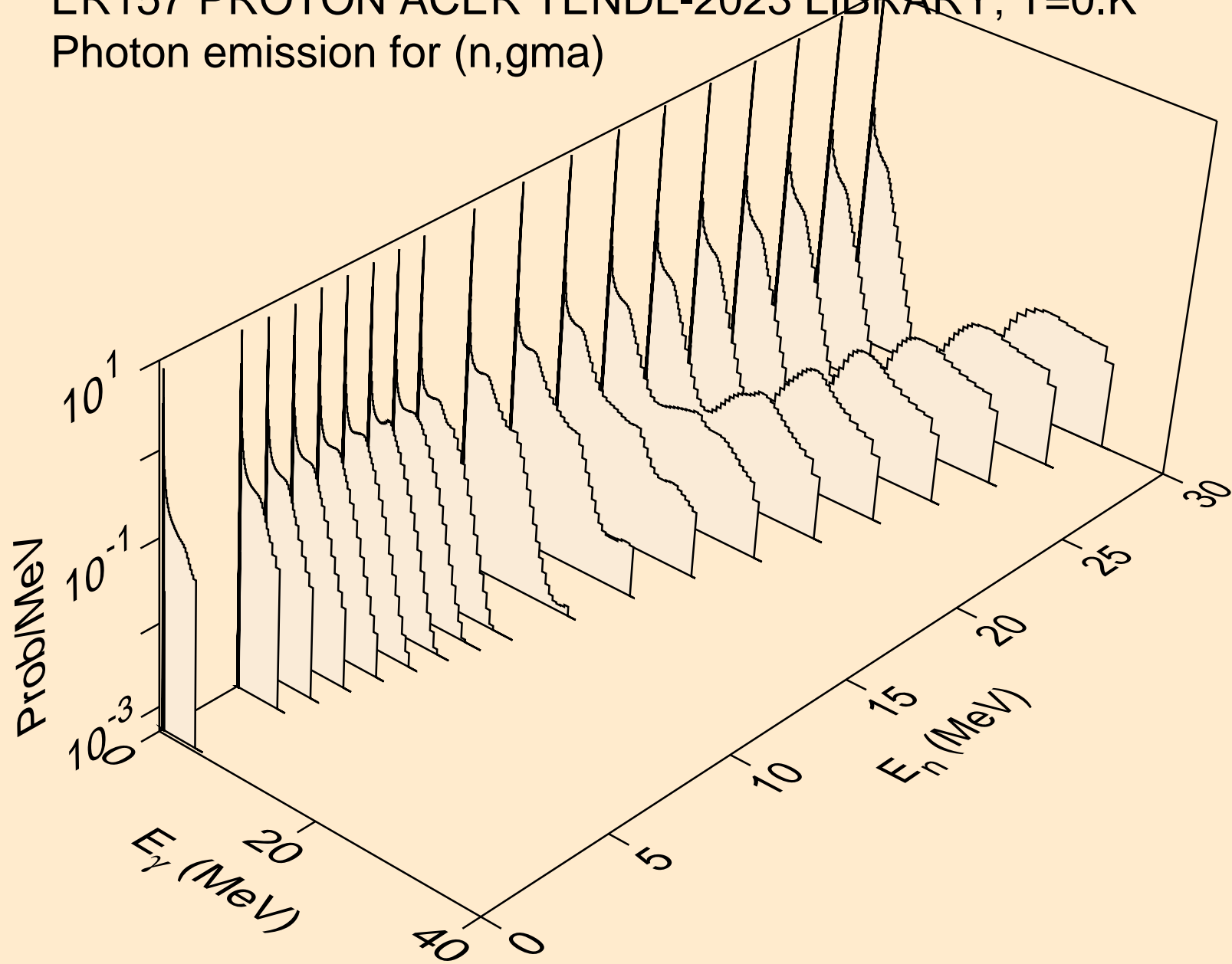
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



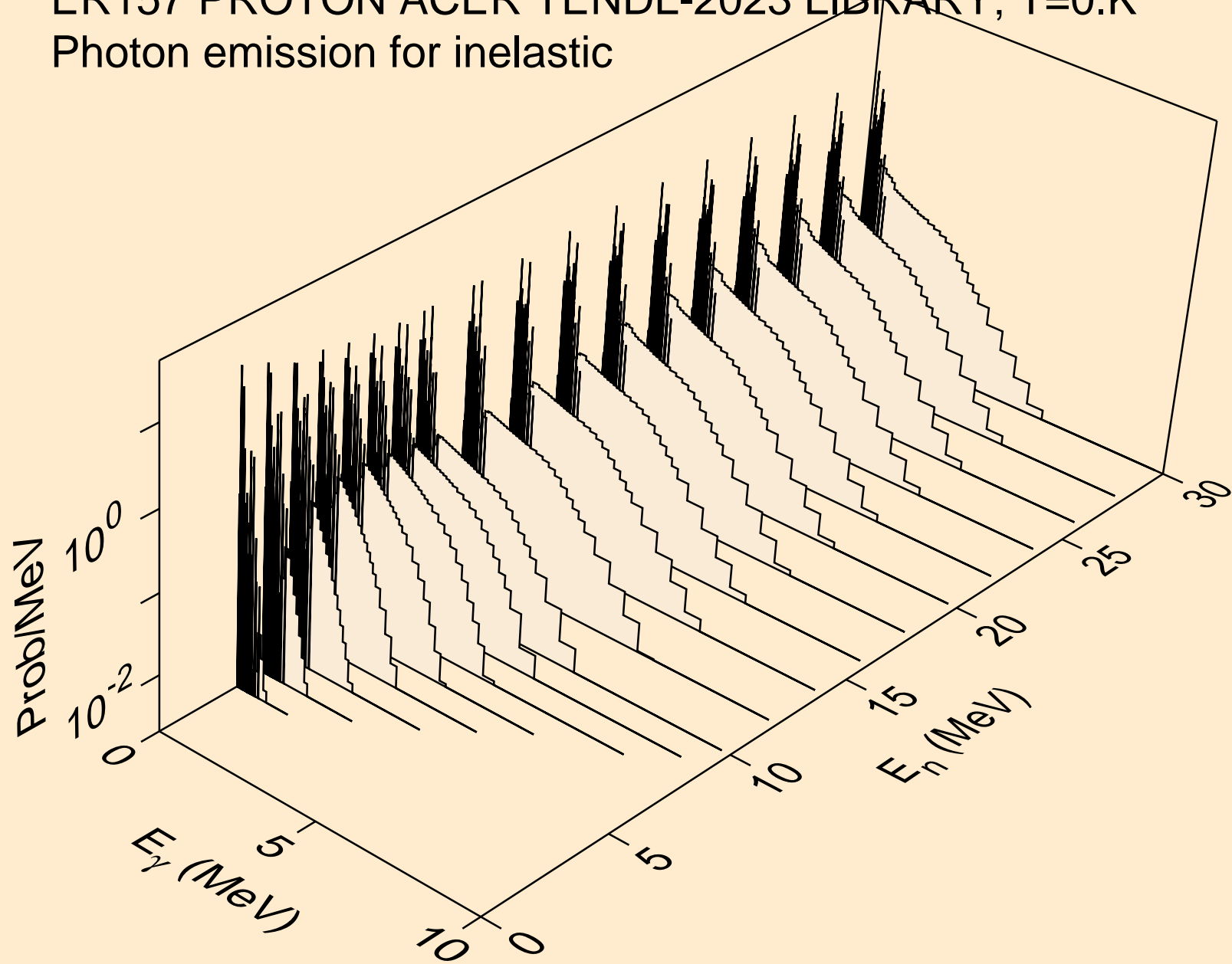
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

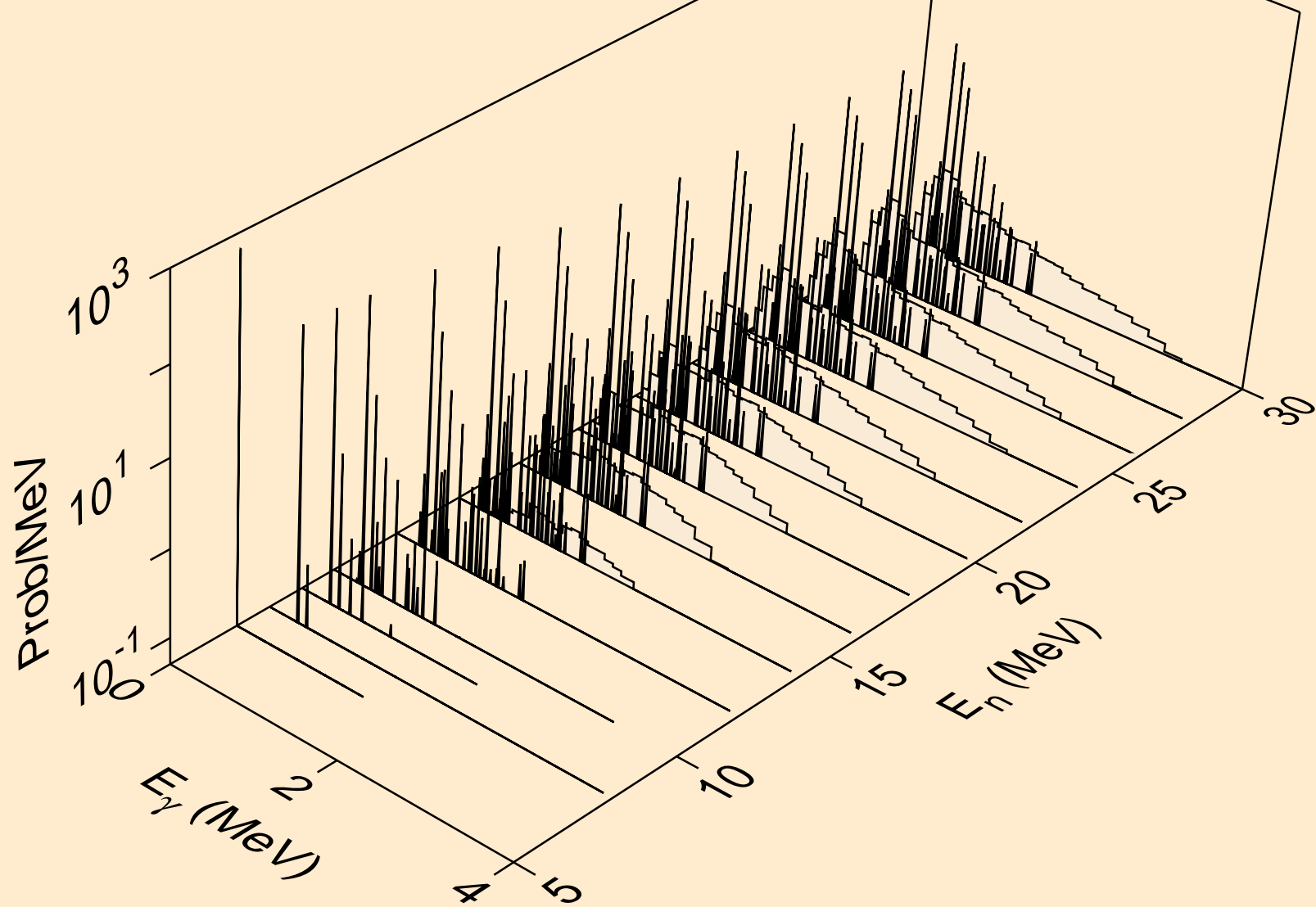


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

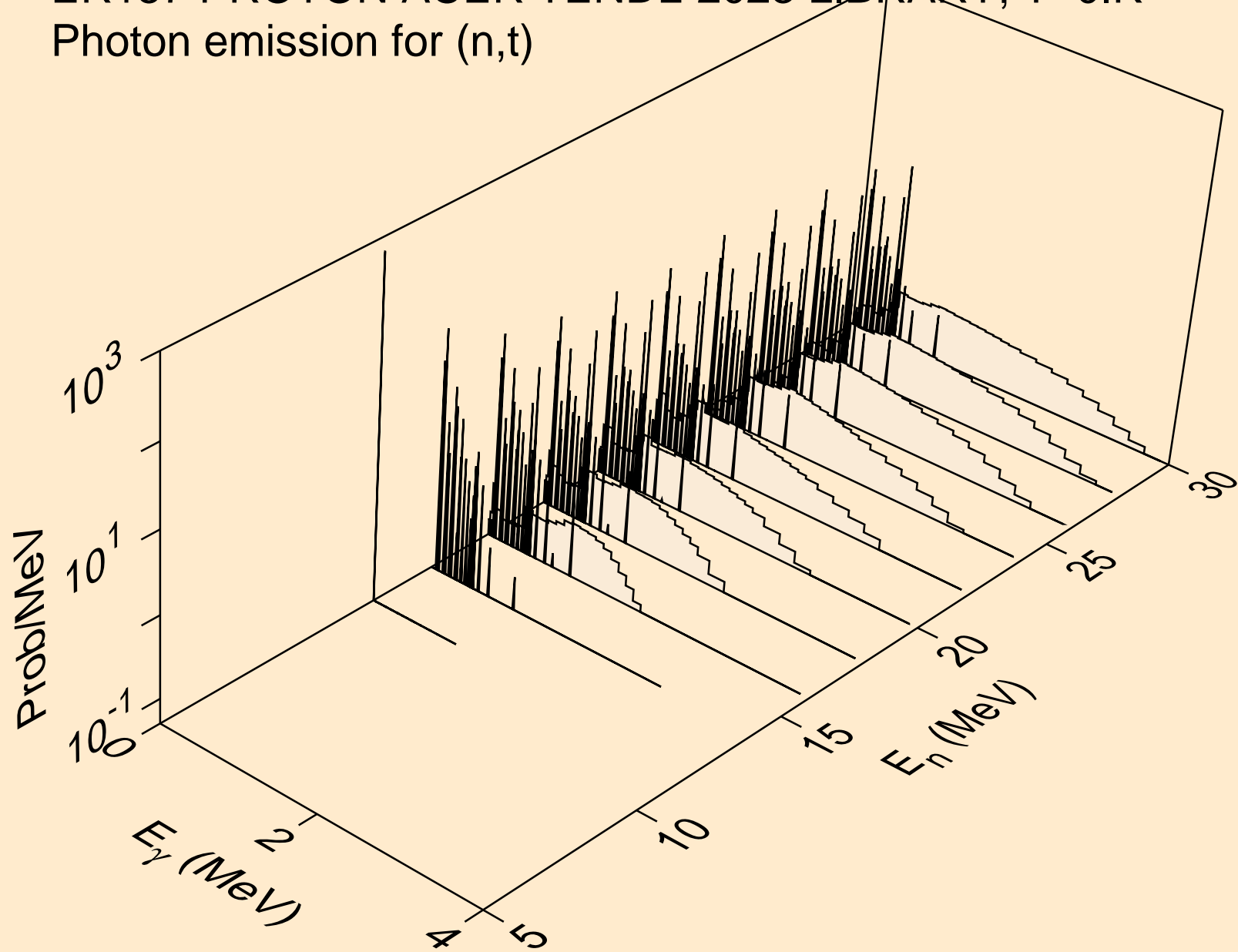




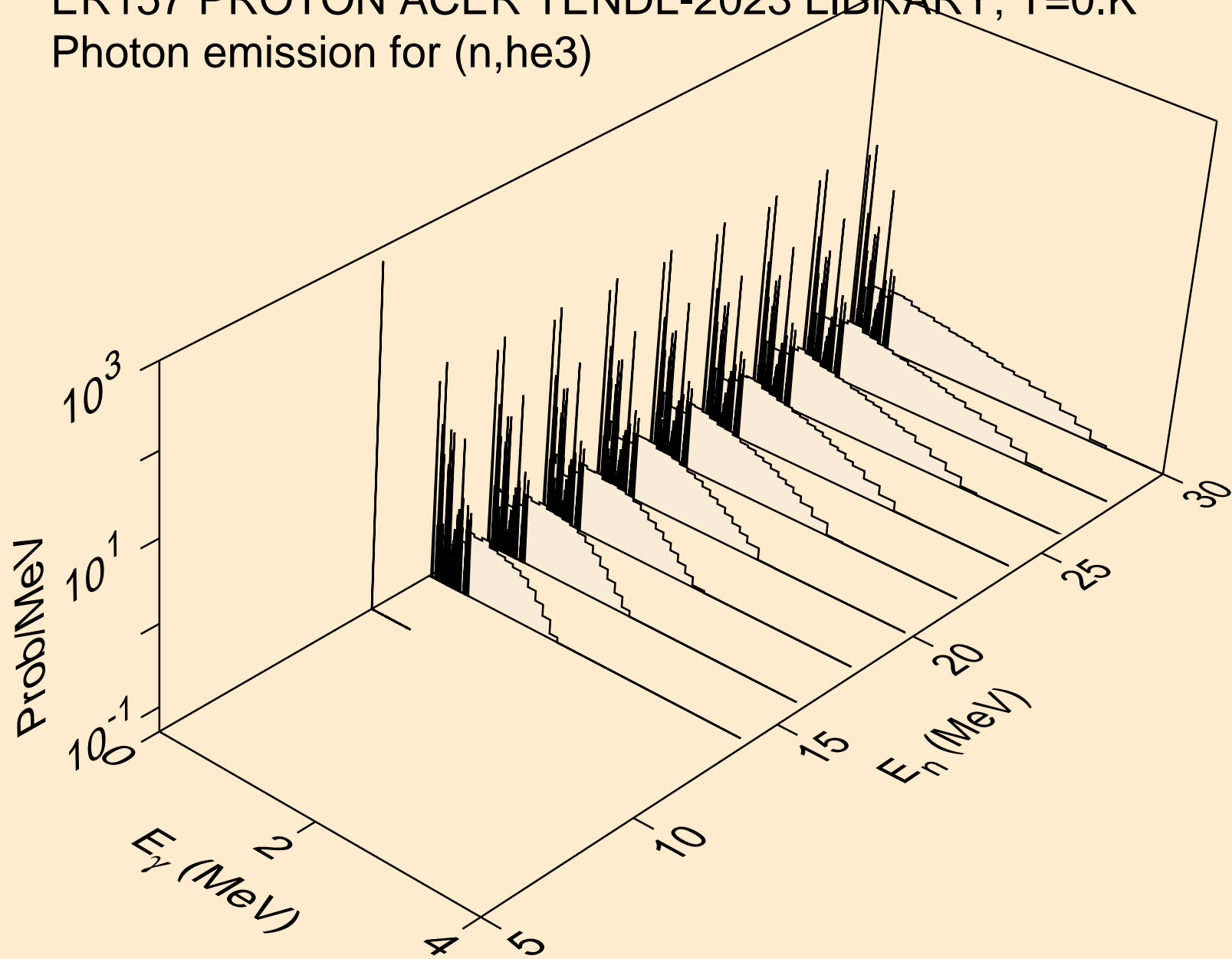
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



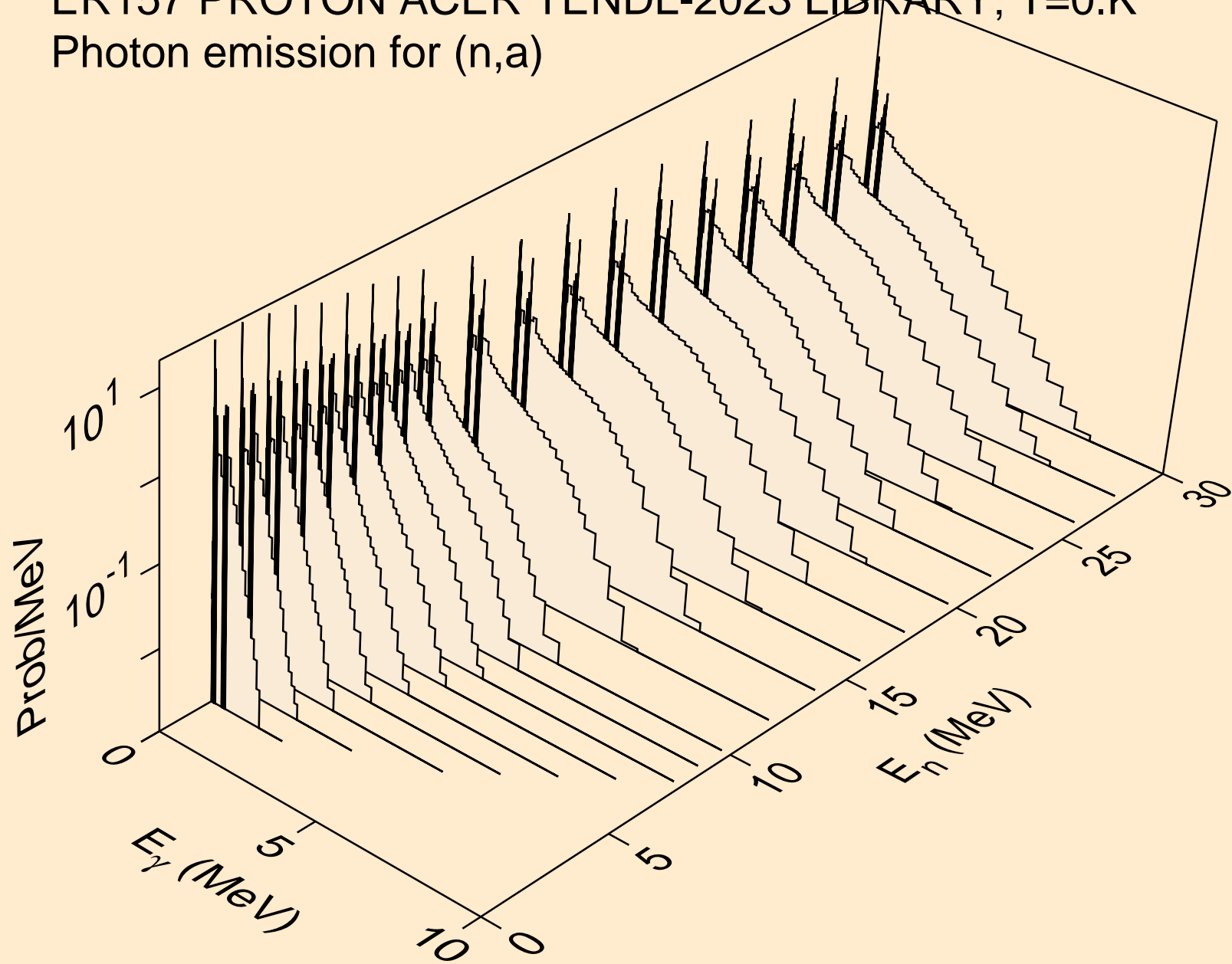
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



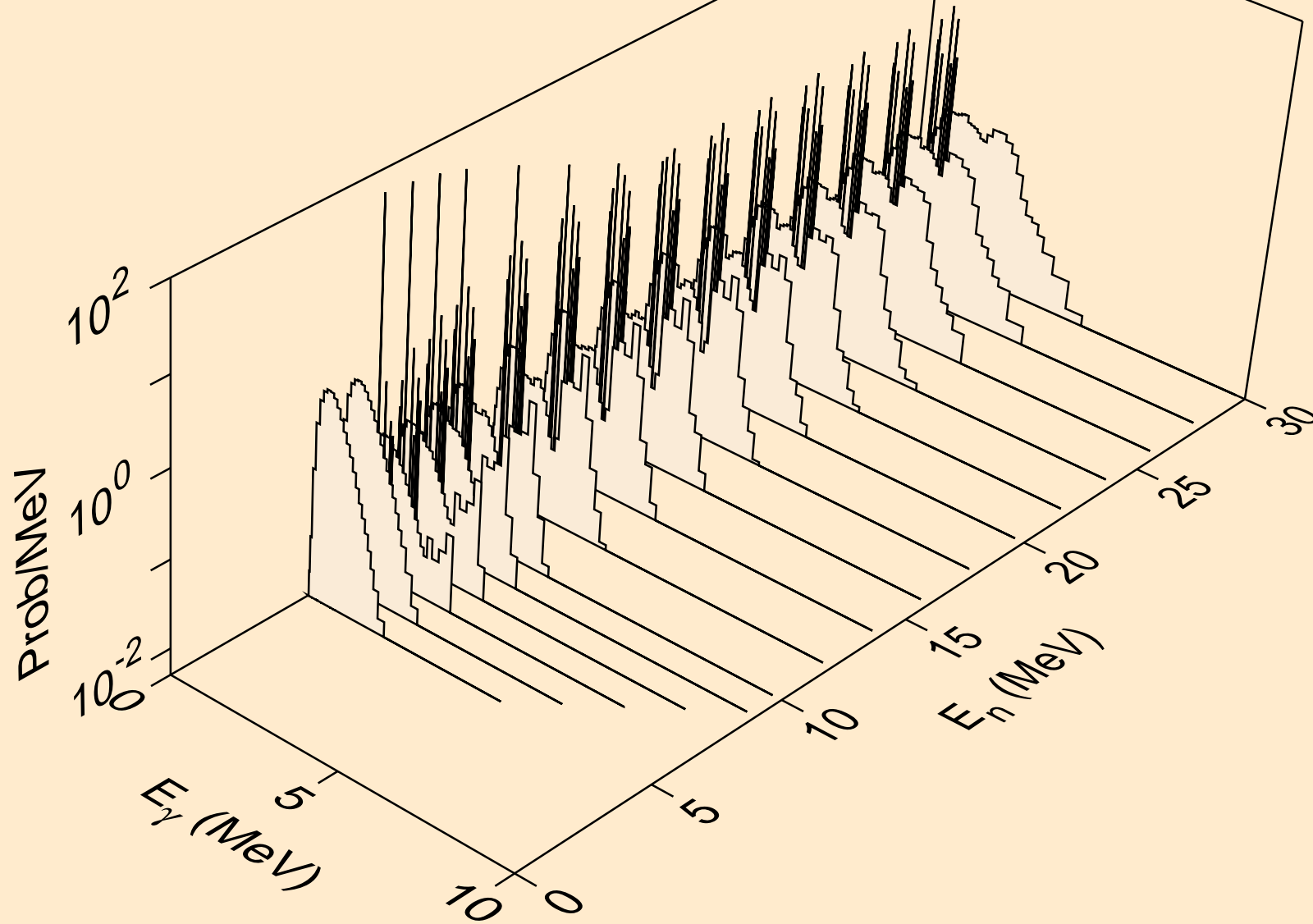
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



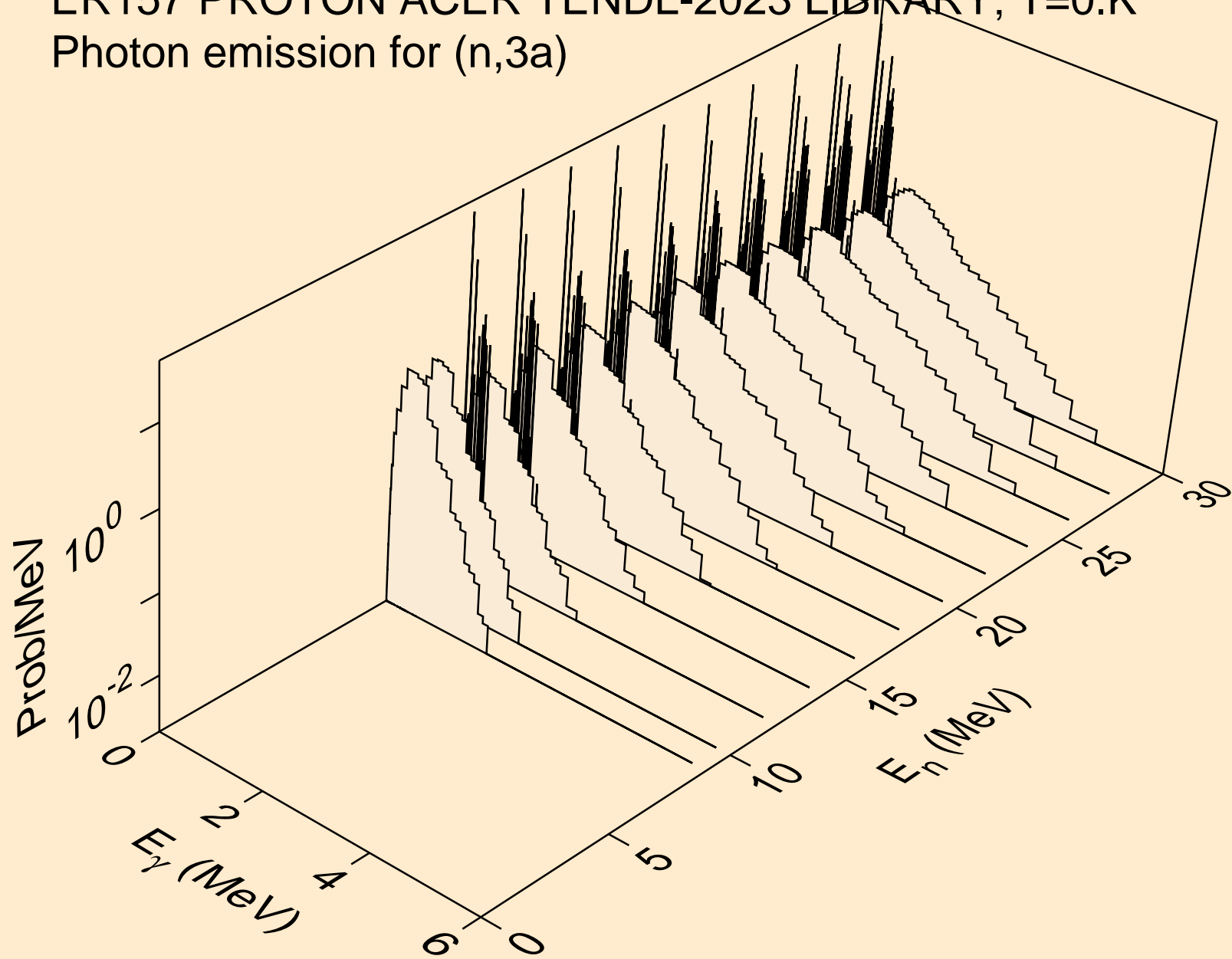
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



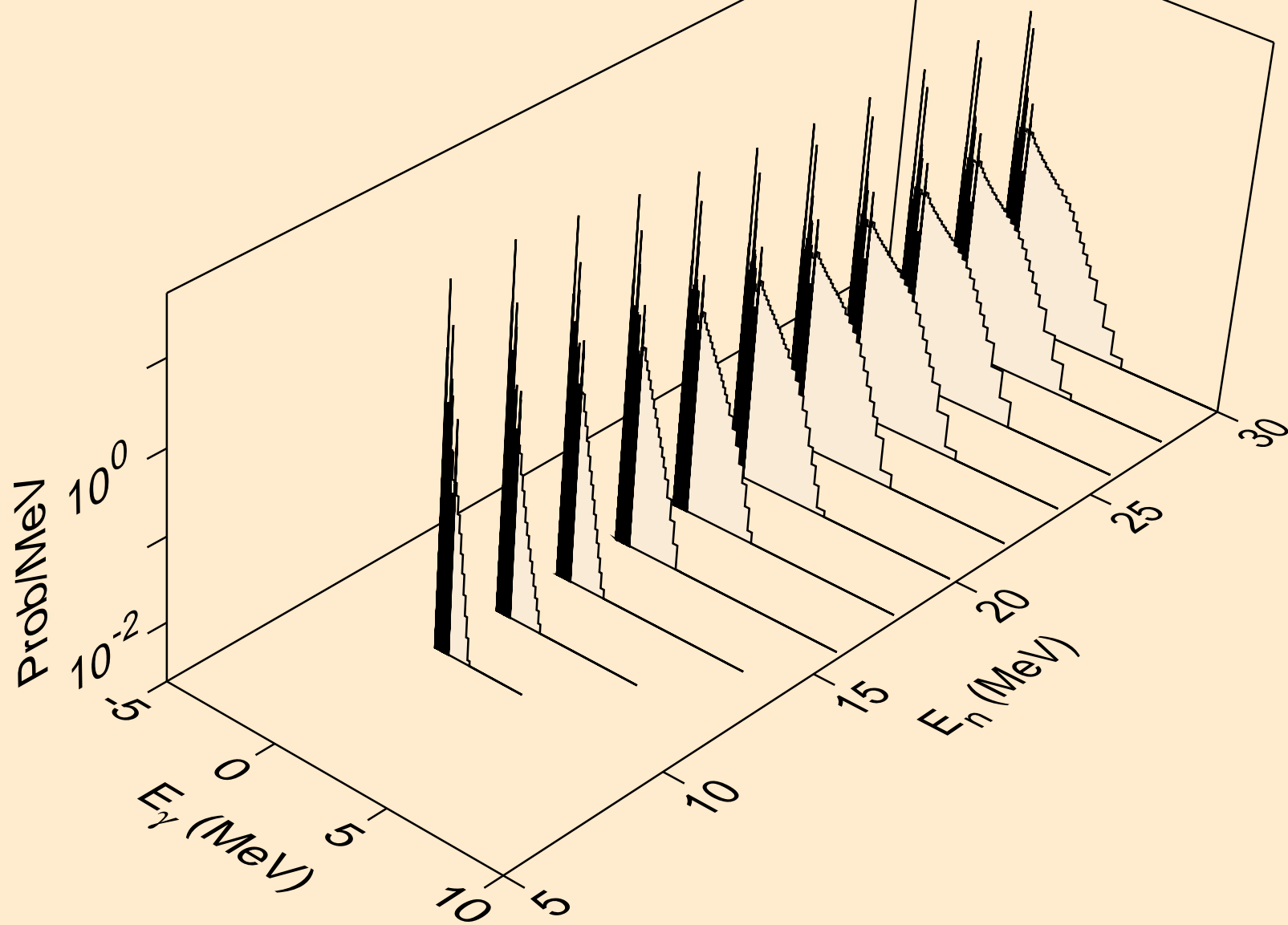
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



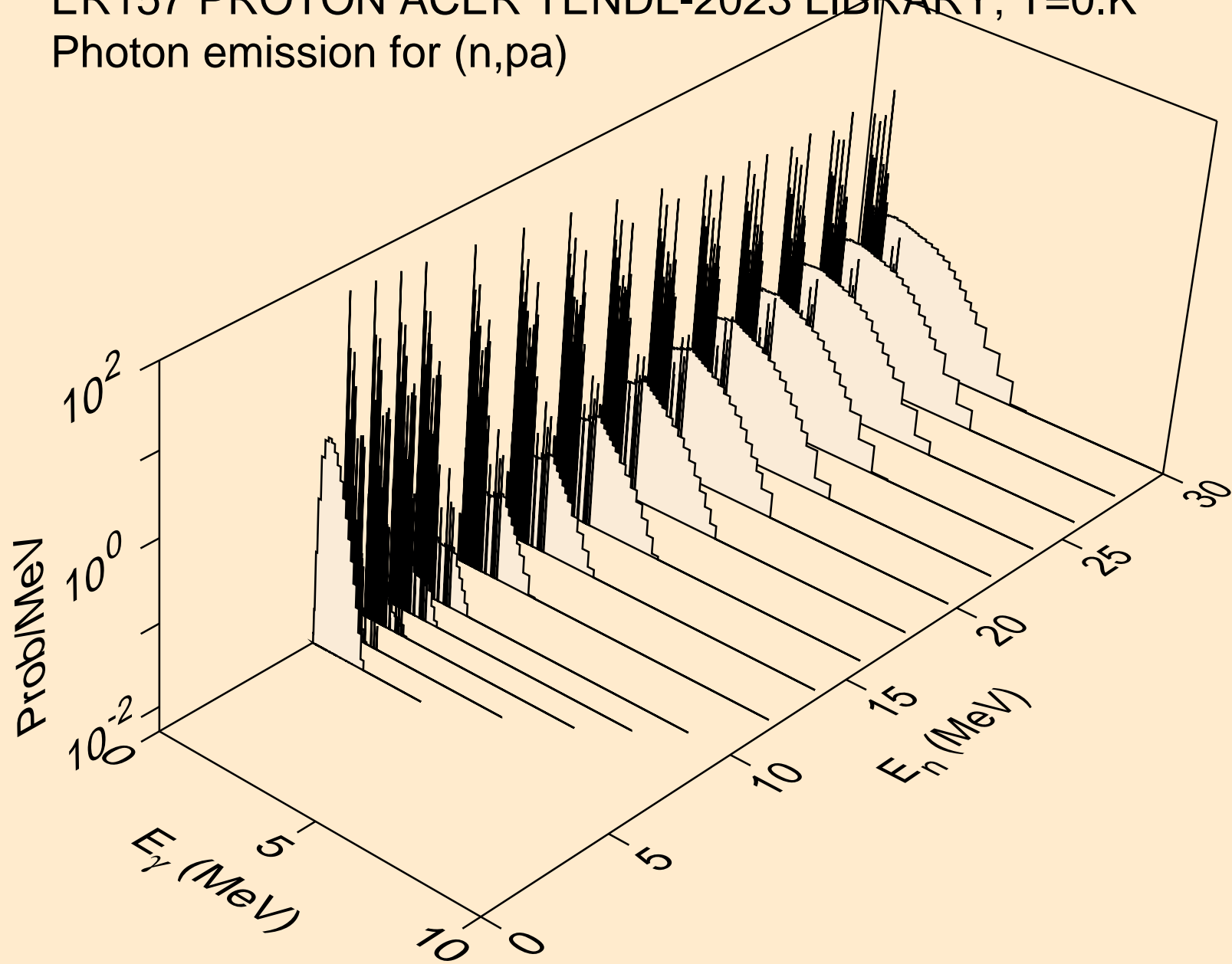
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

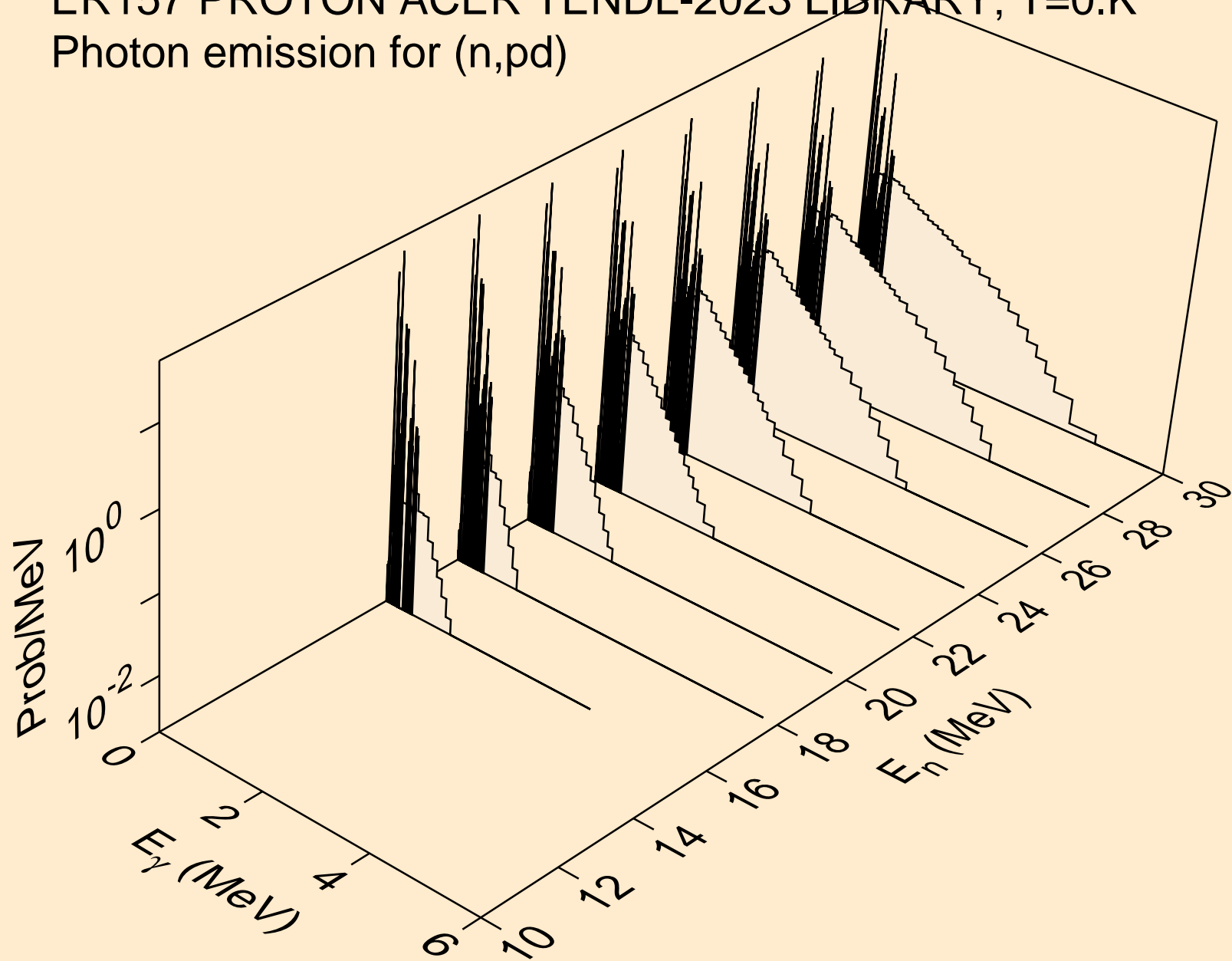


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

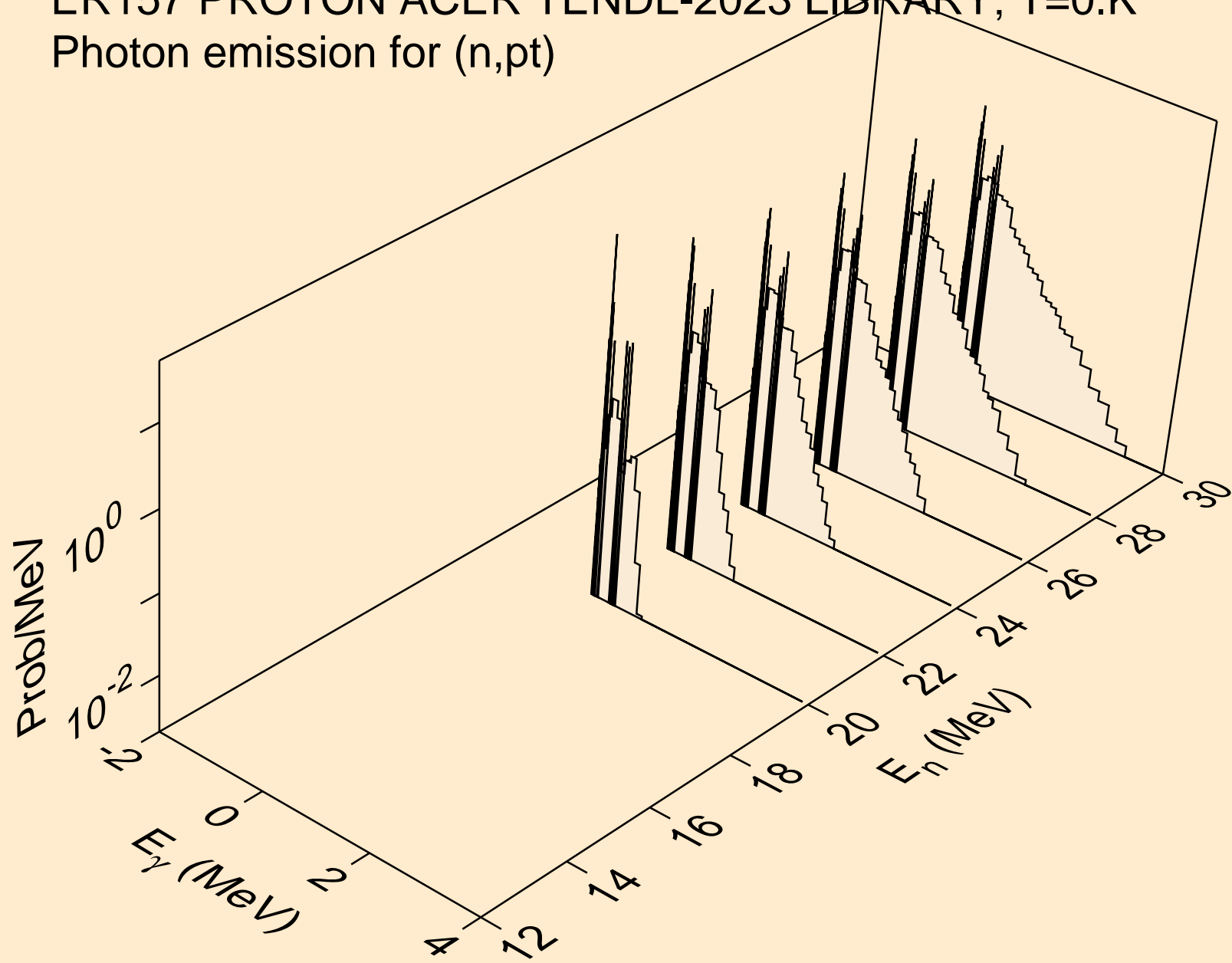




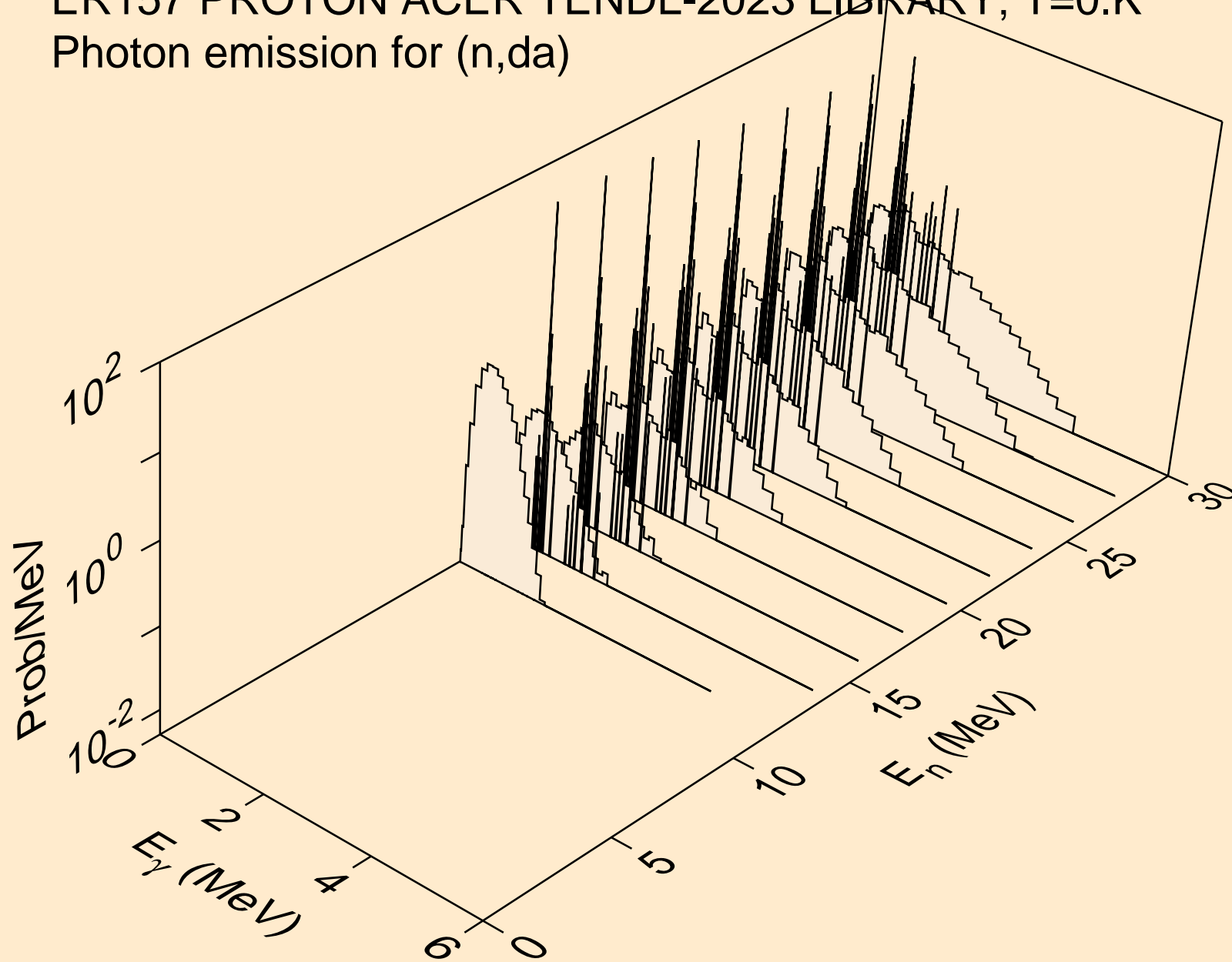
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

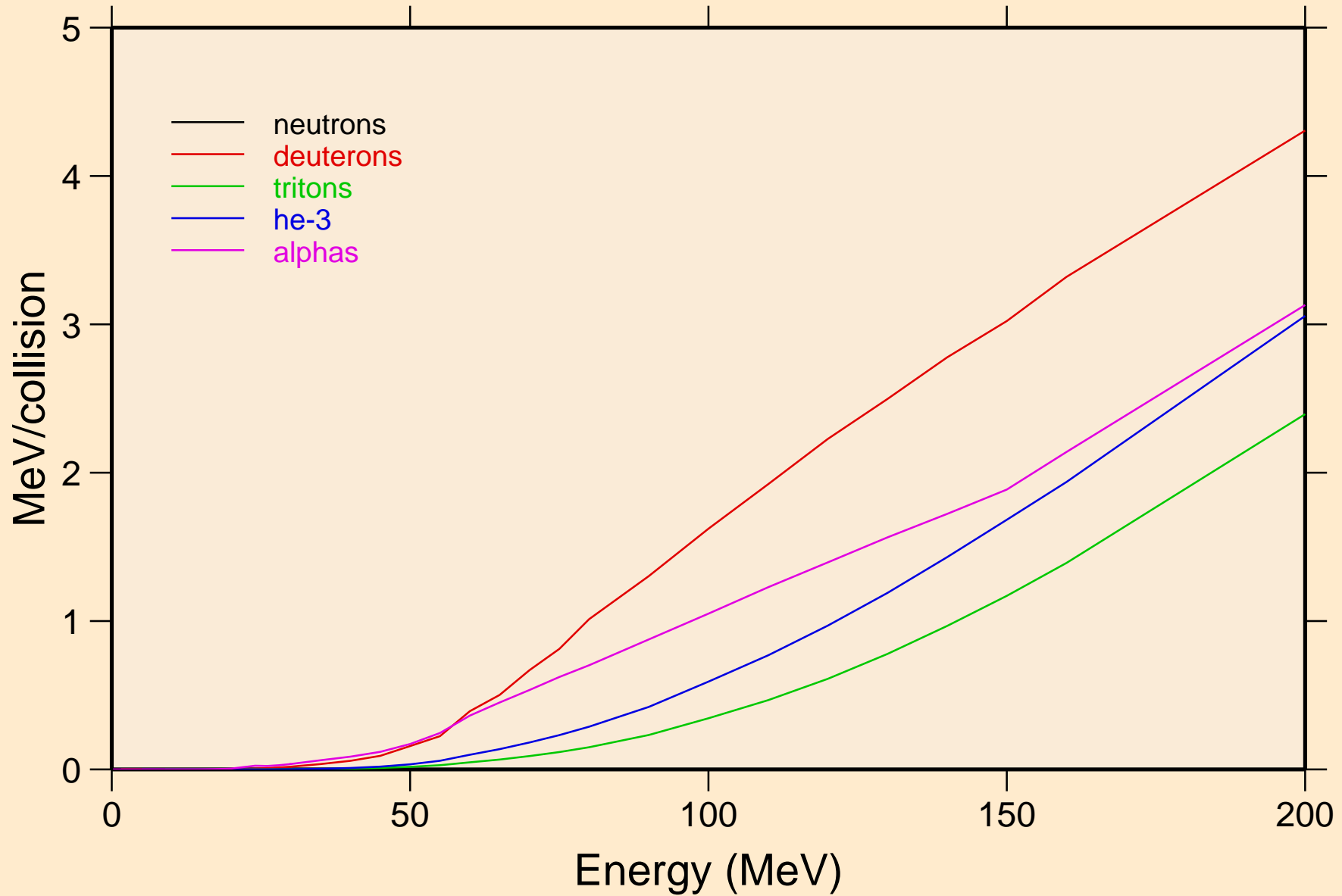


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



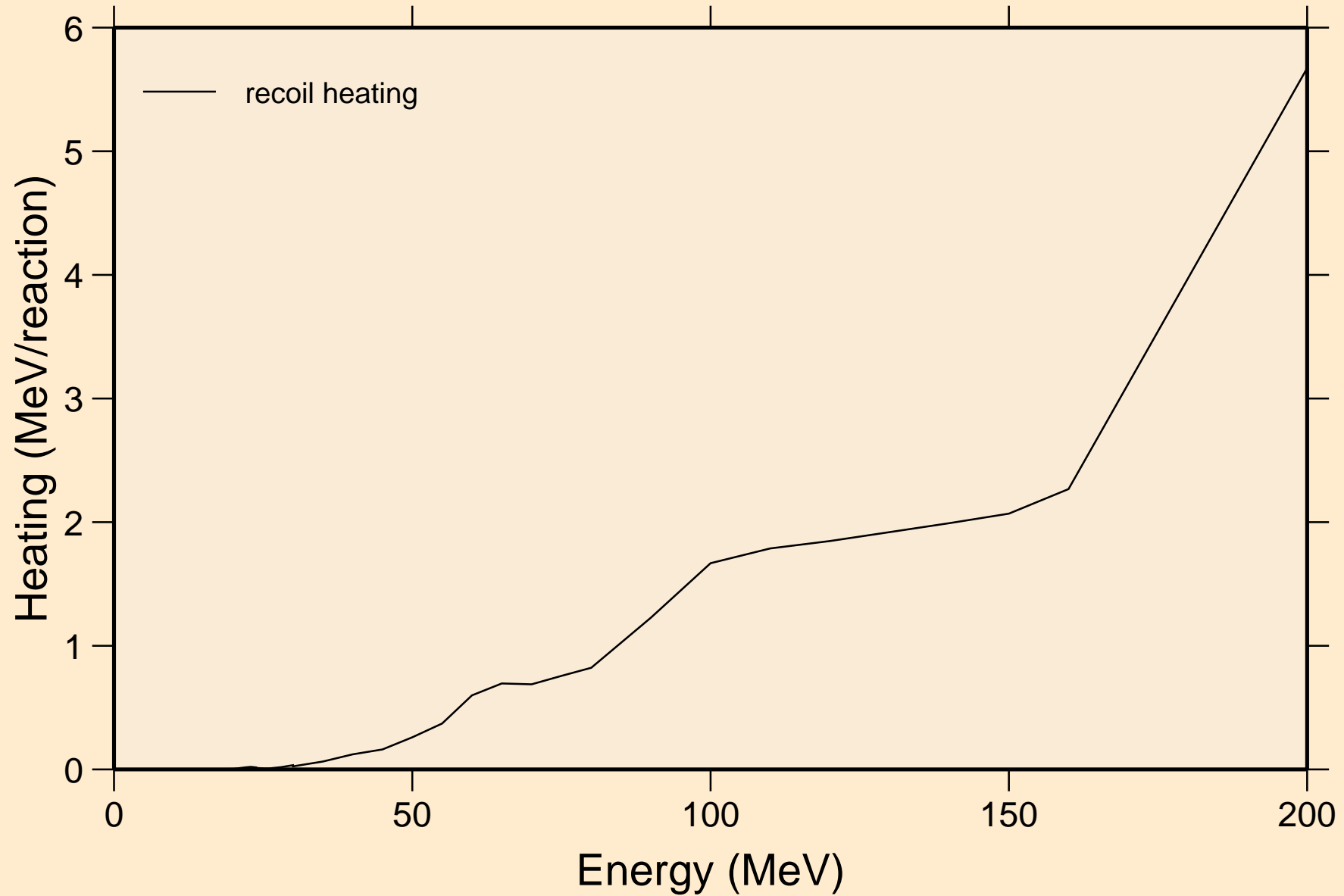
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

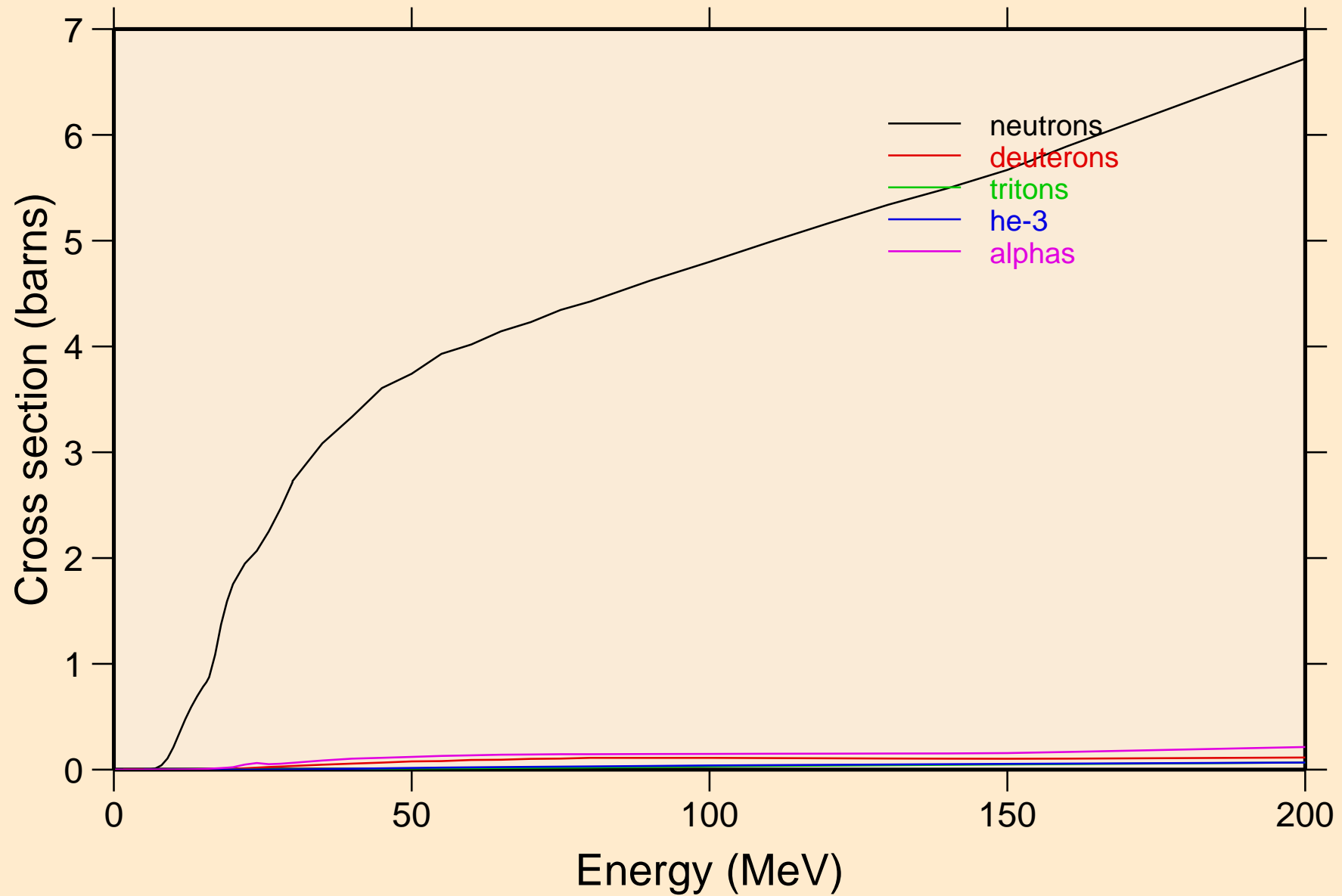


# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

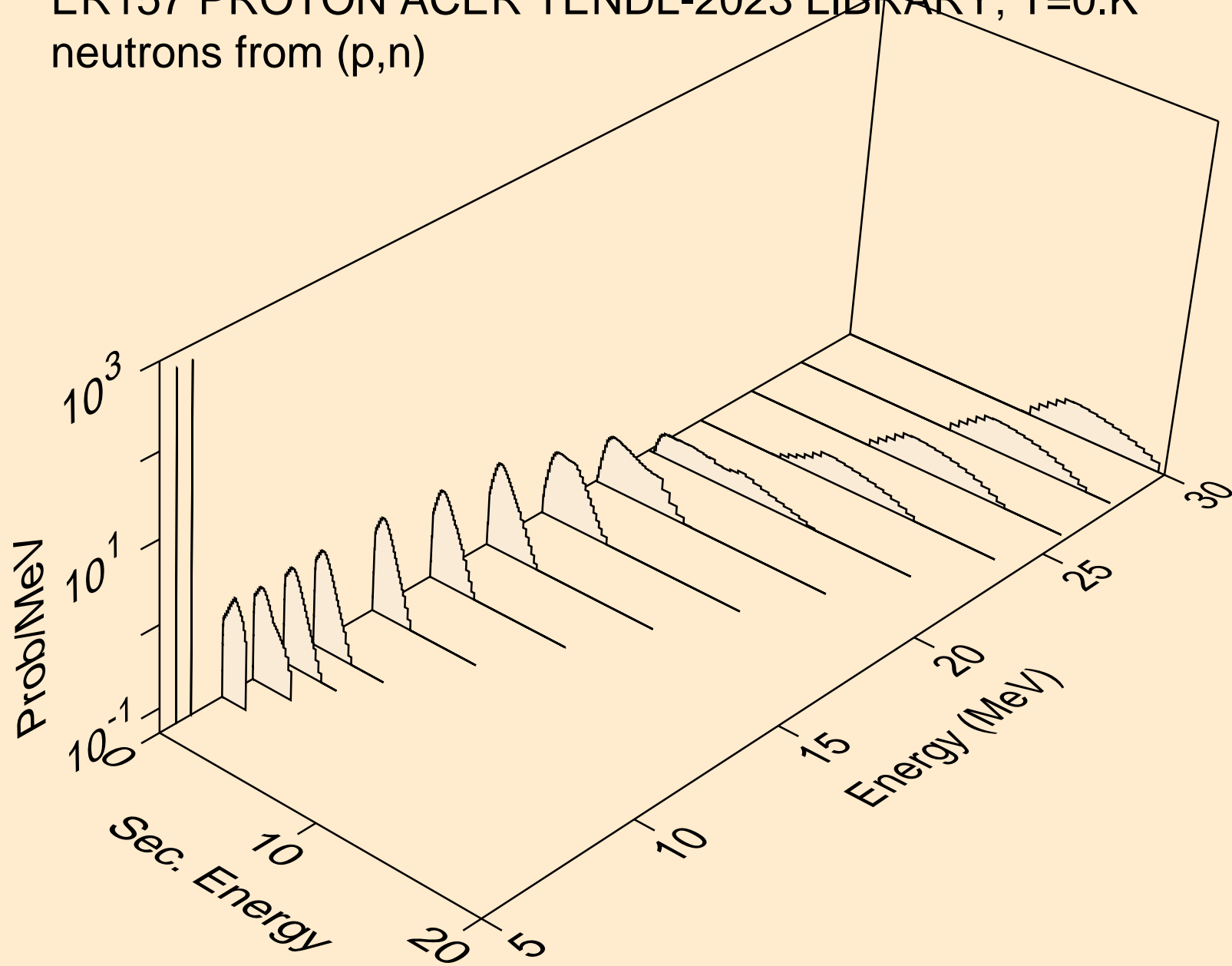
## Recoil Heating



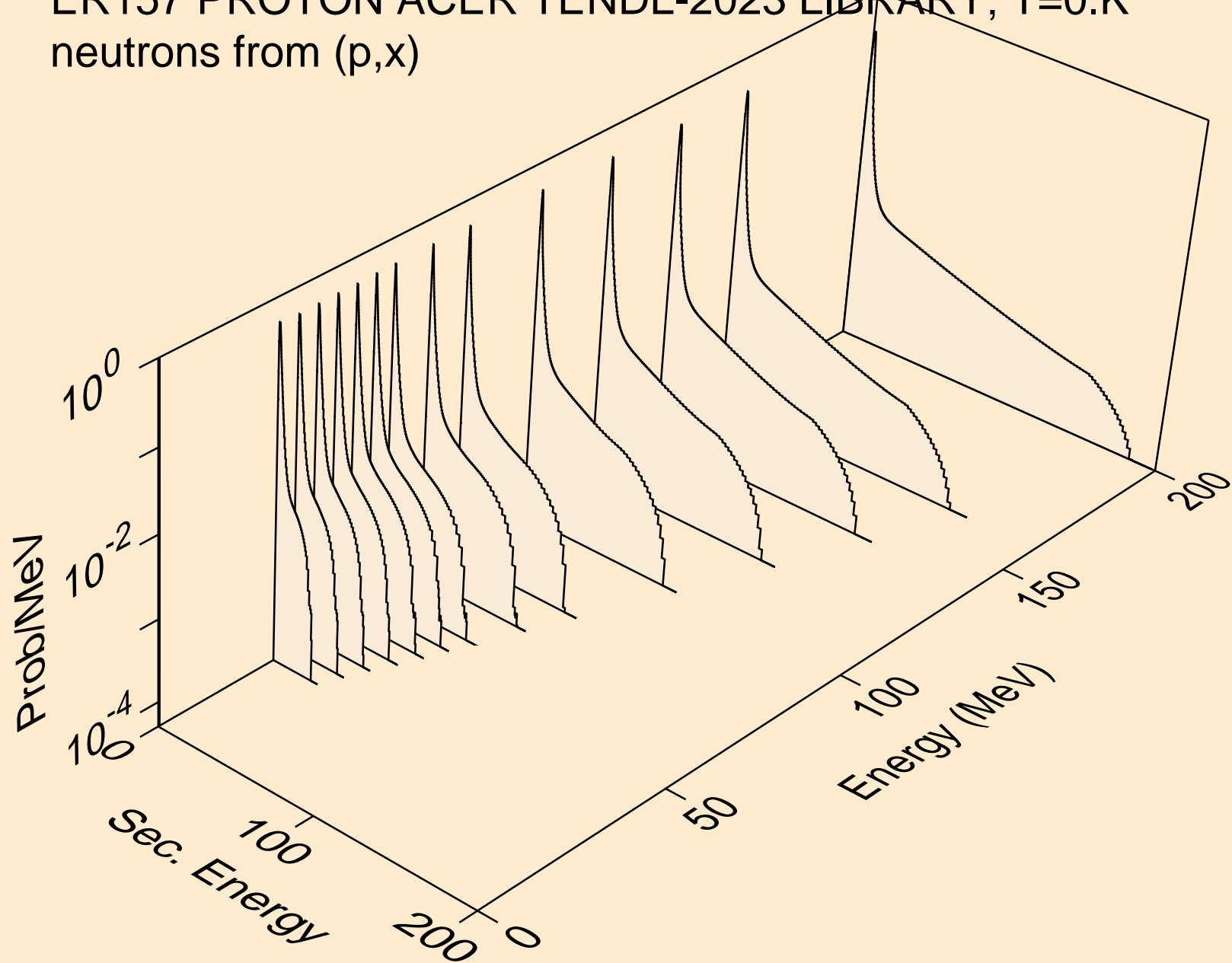
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

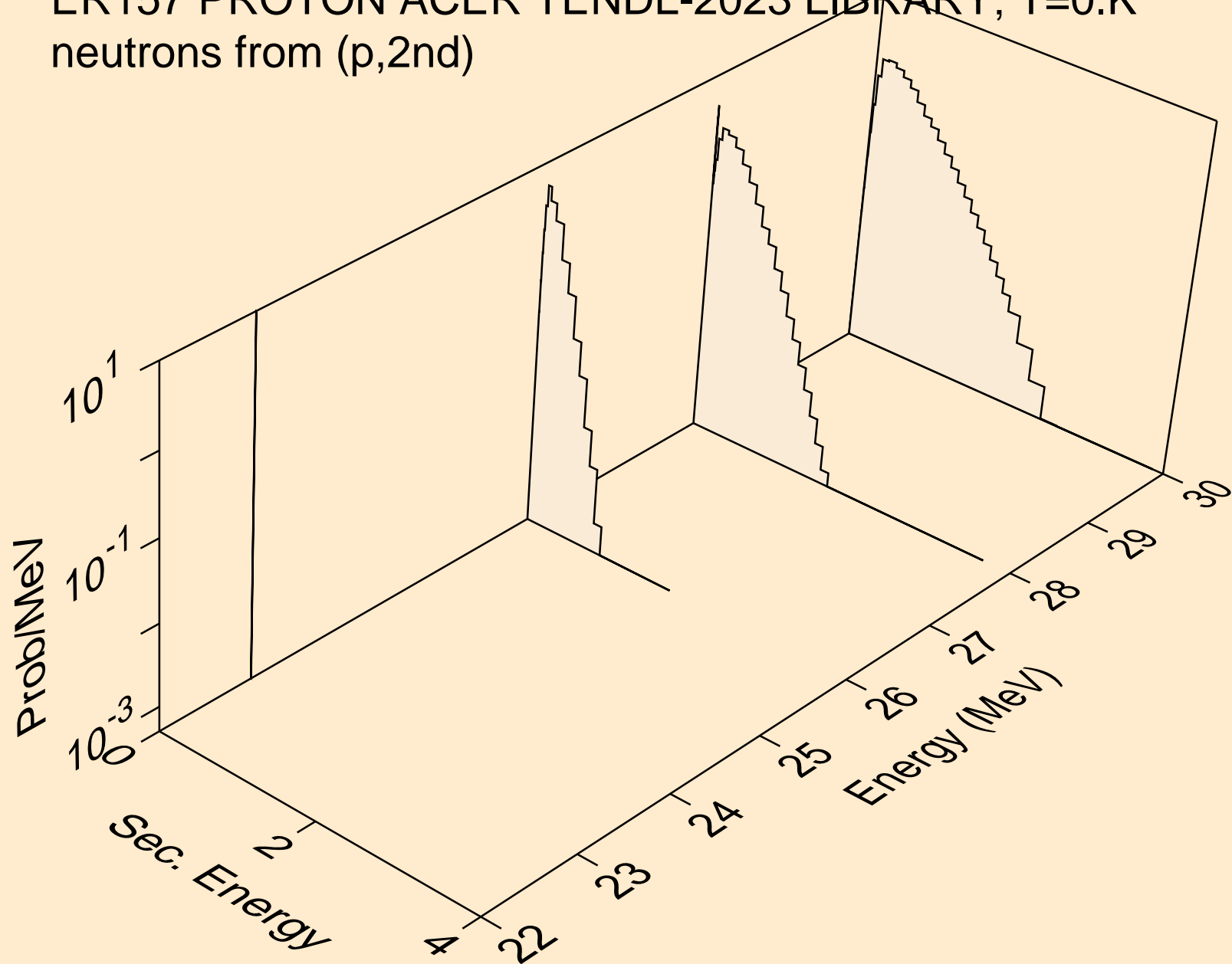


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

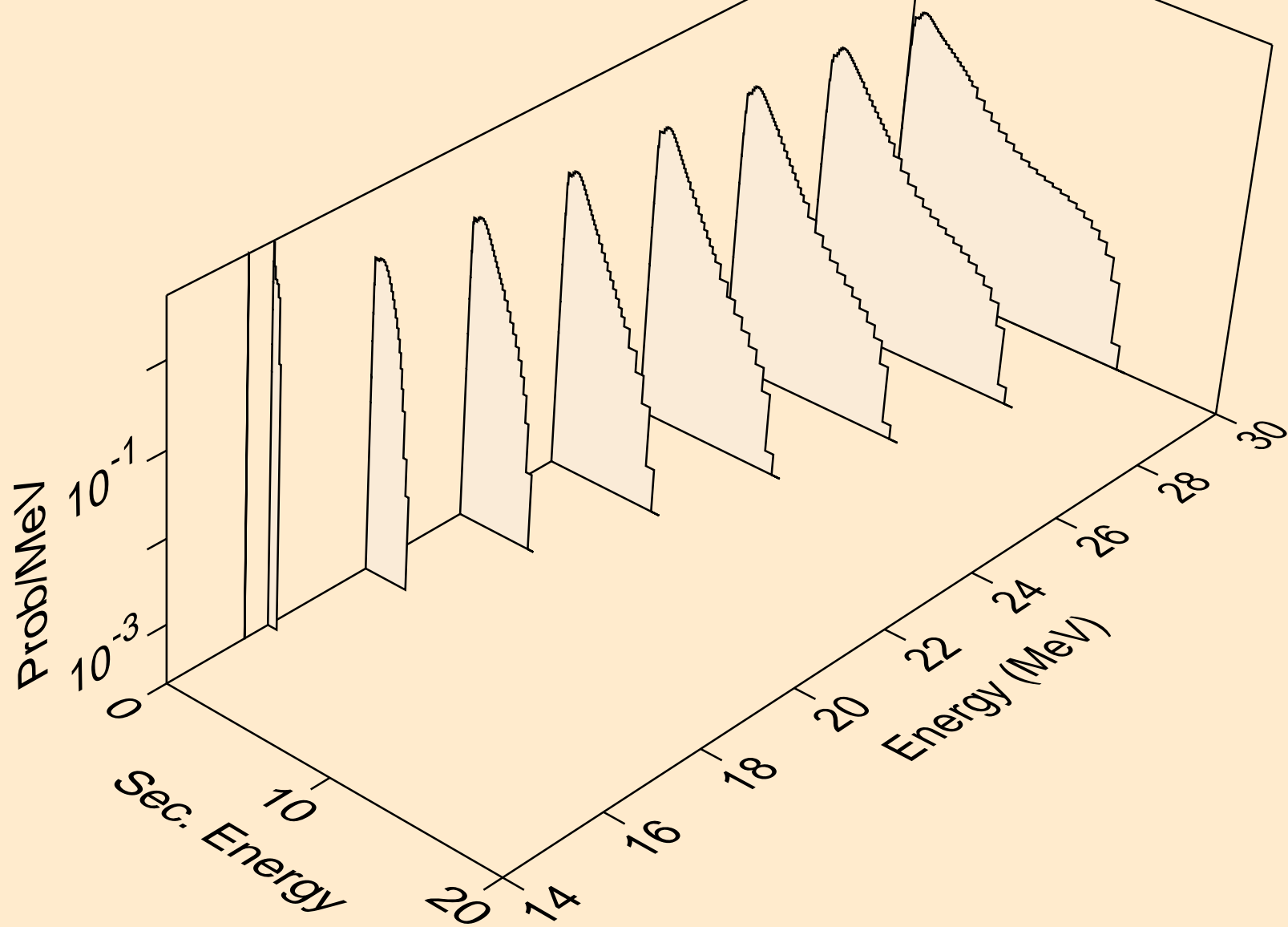




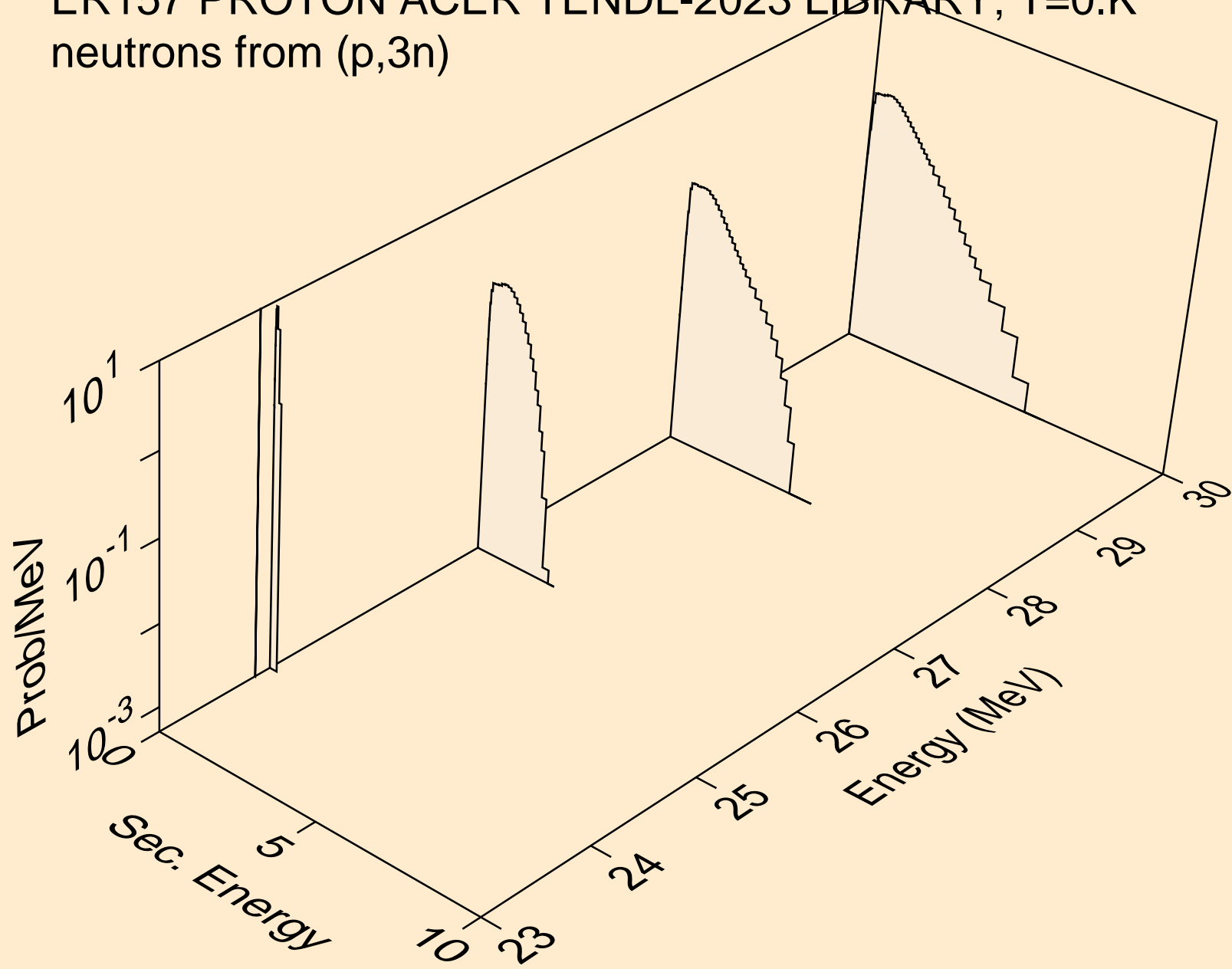
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



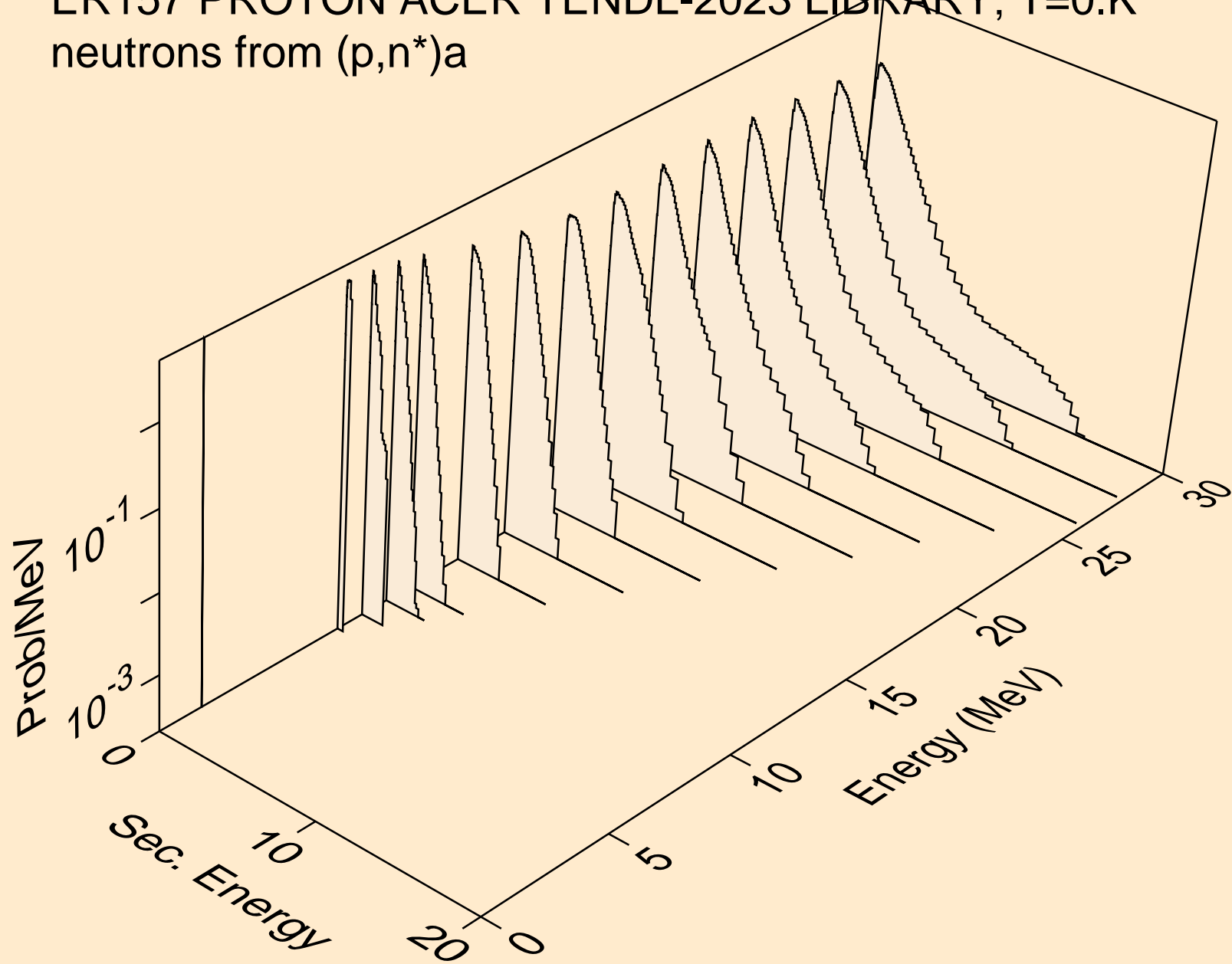
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



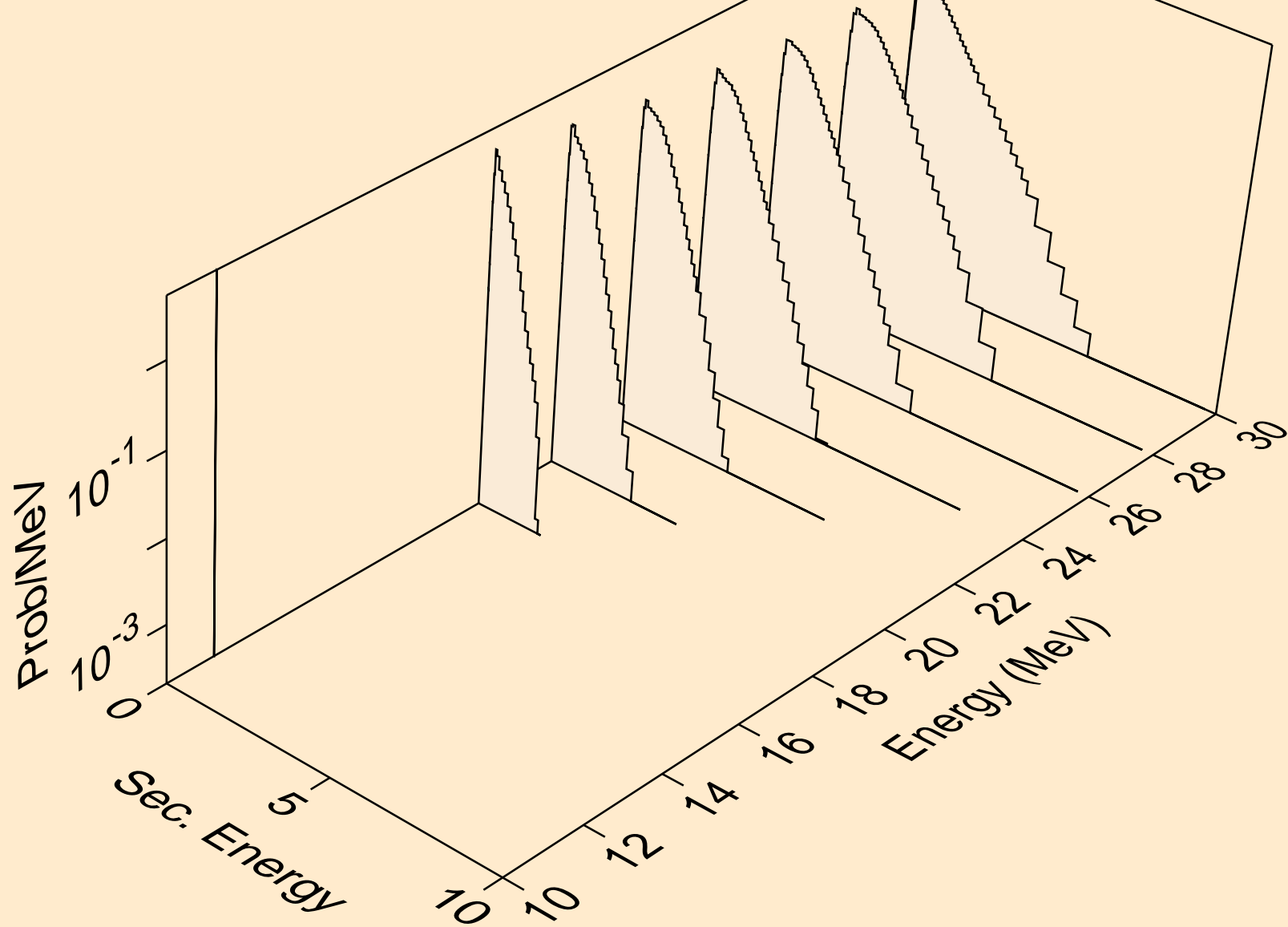
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



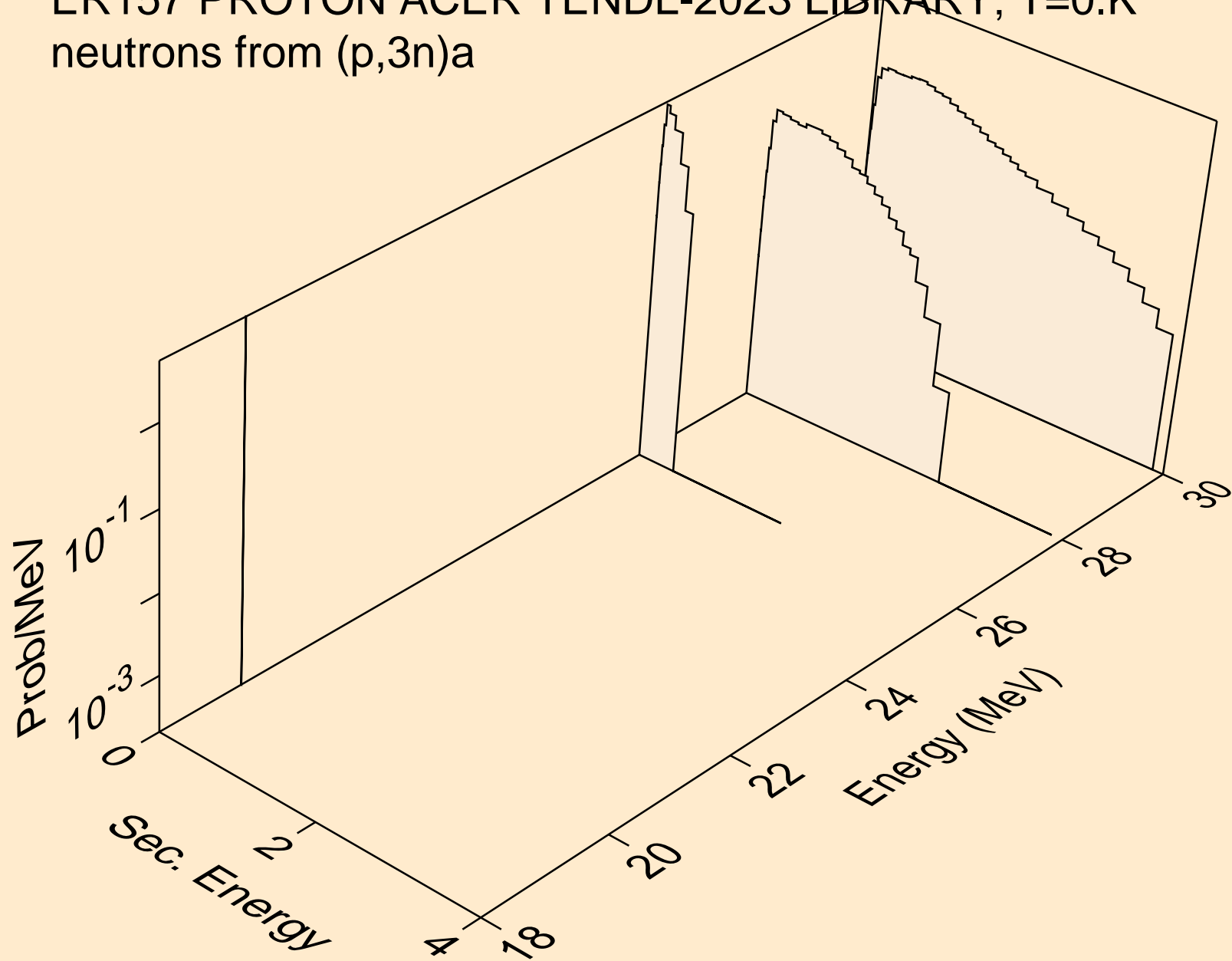
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



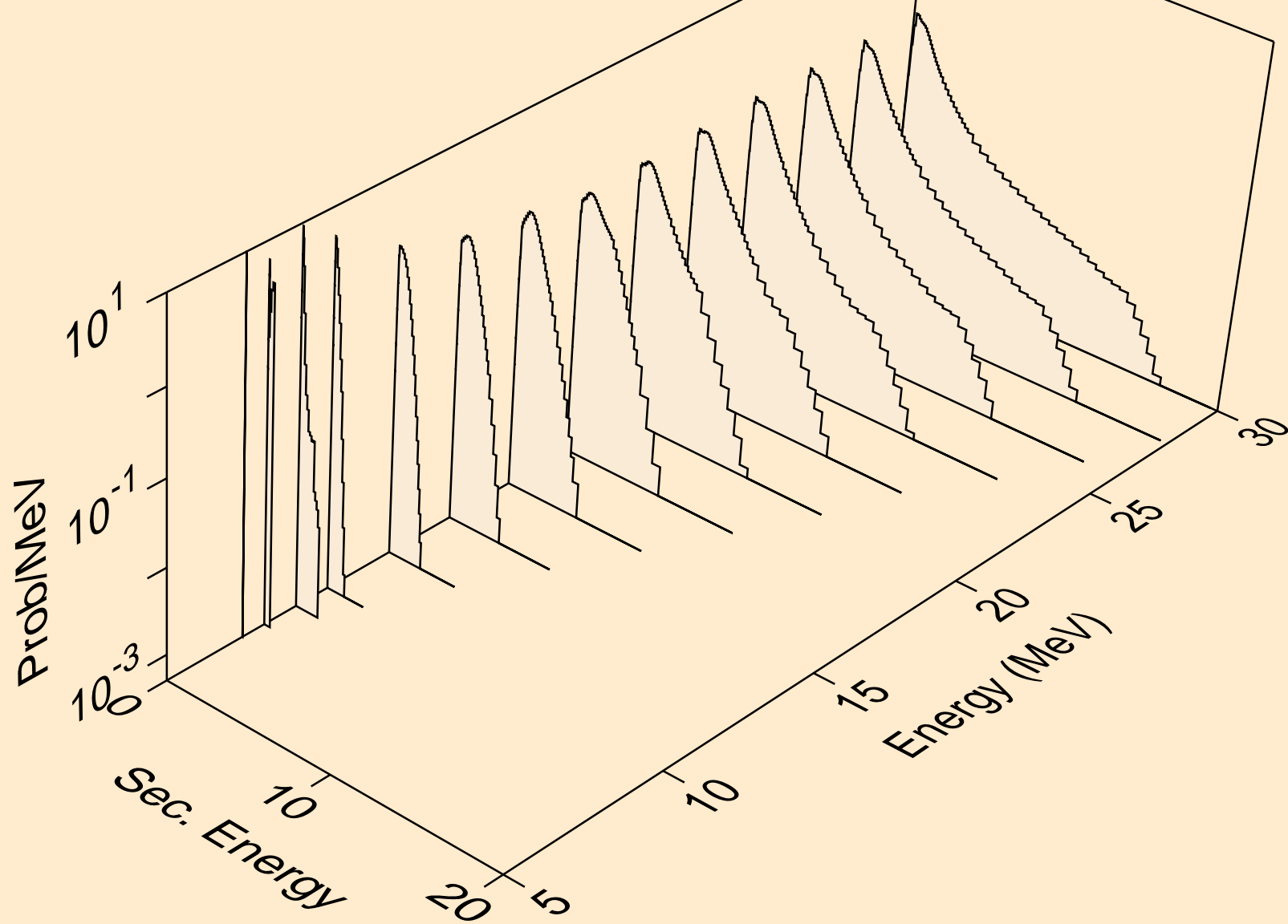
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



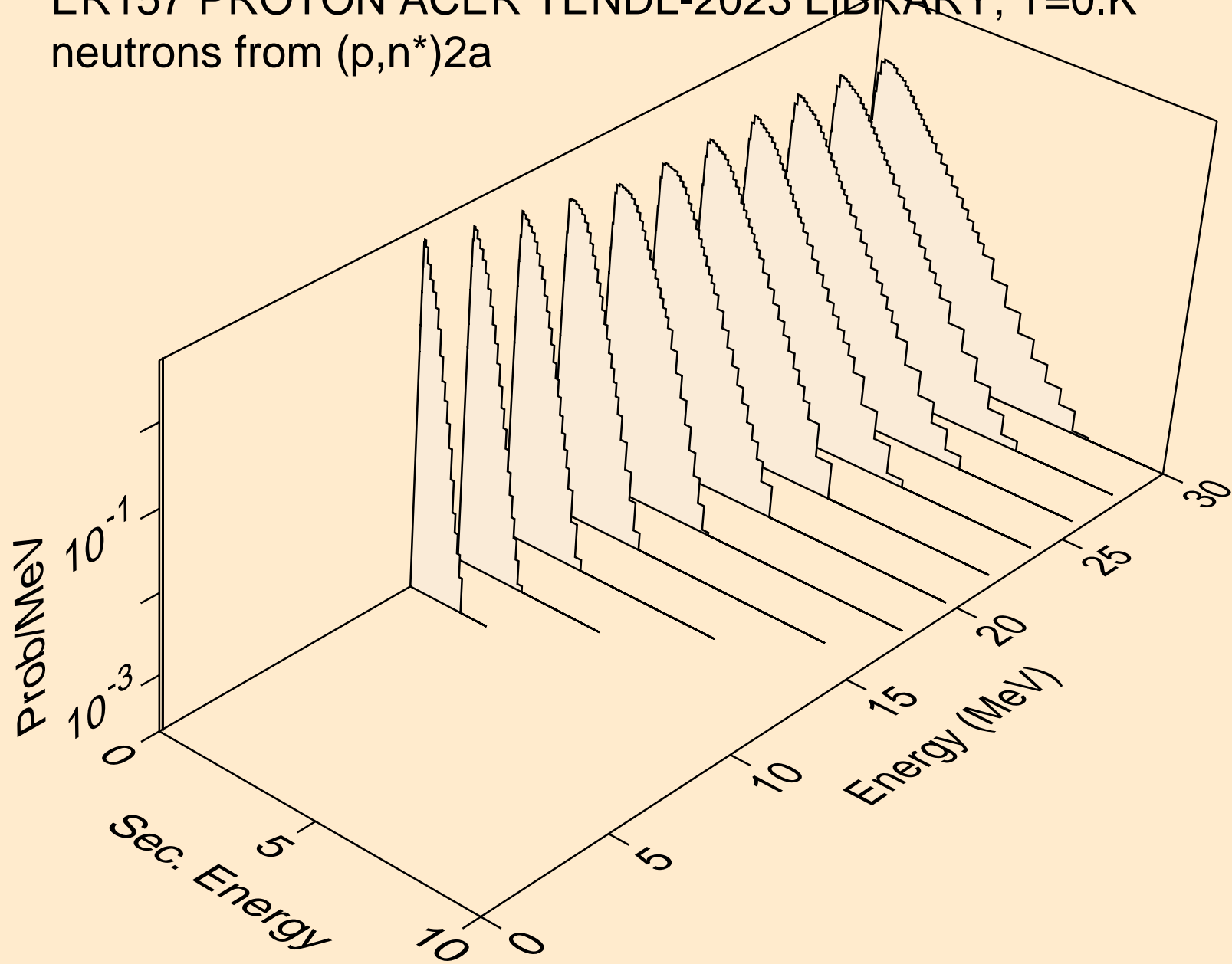
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

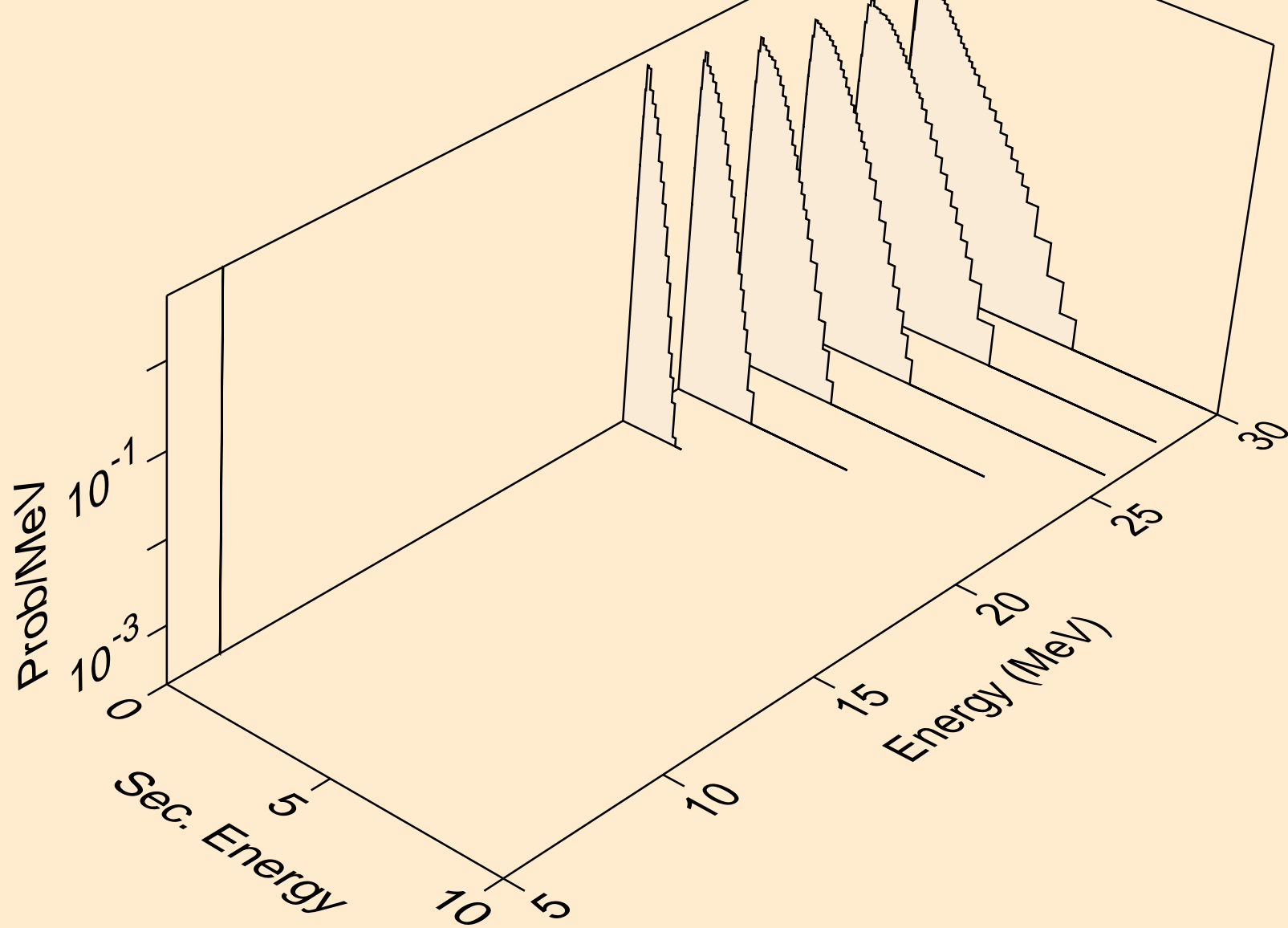


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

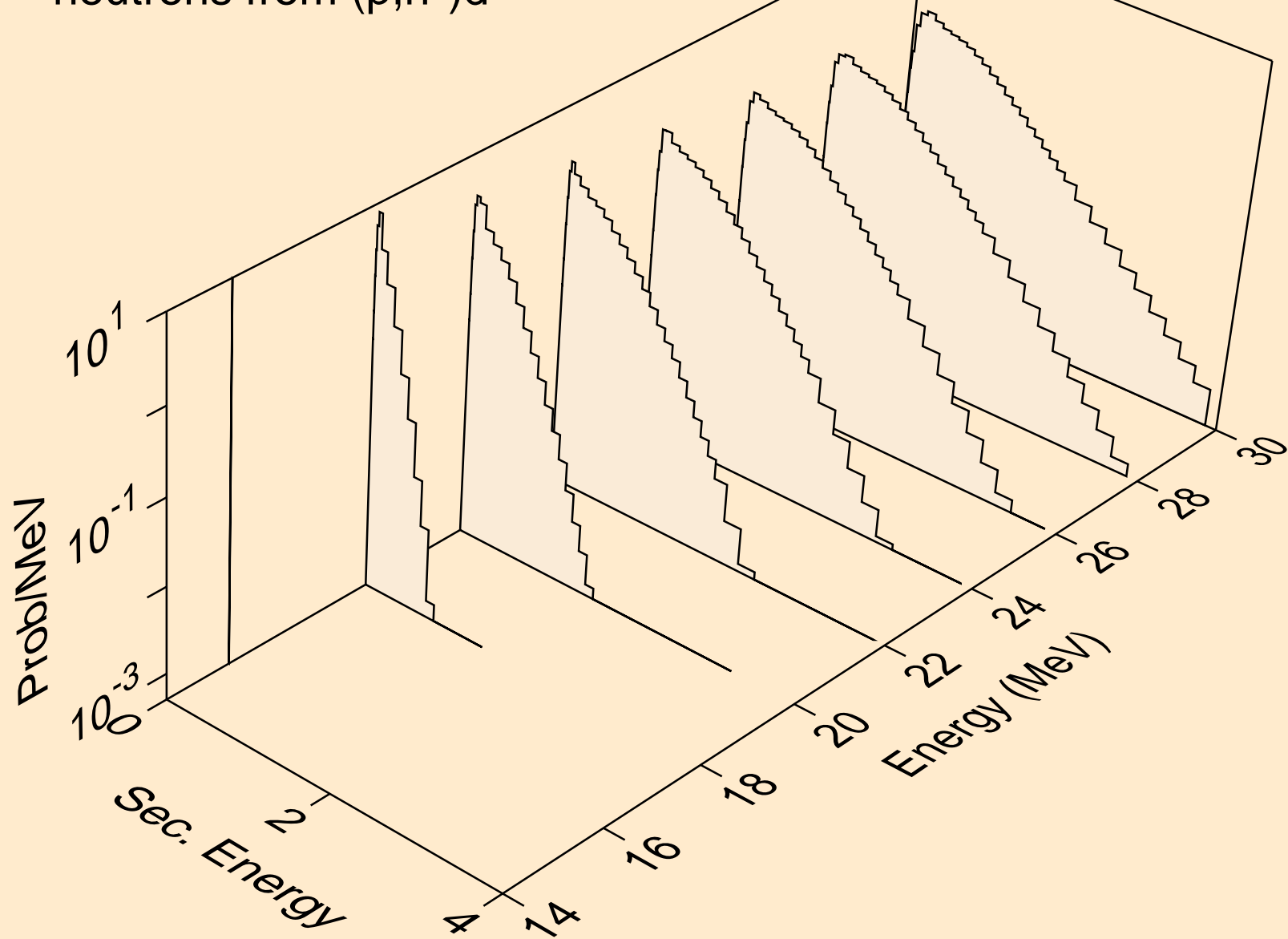




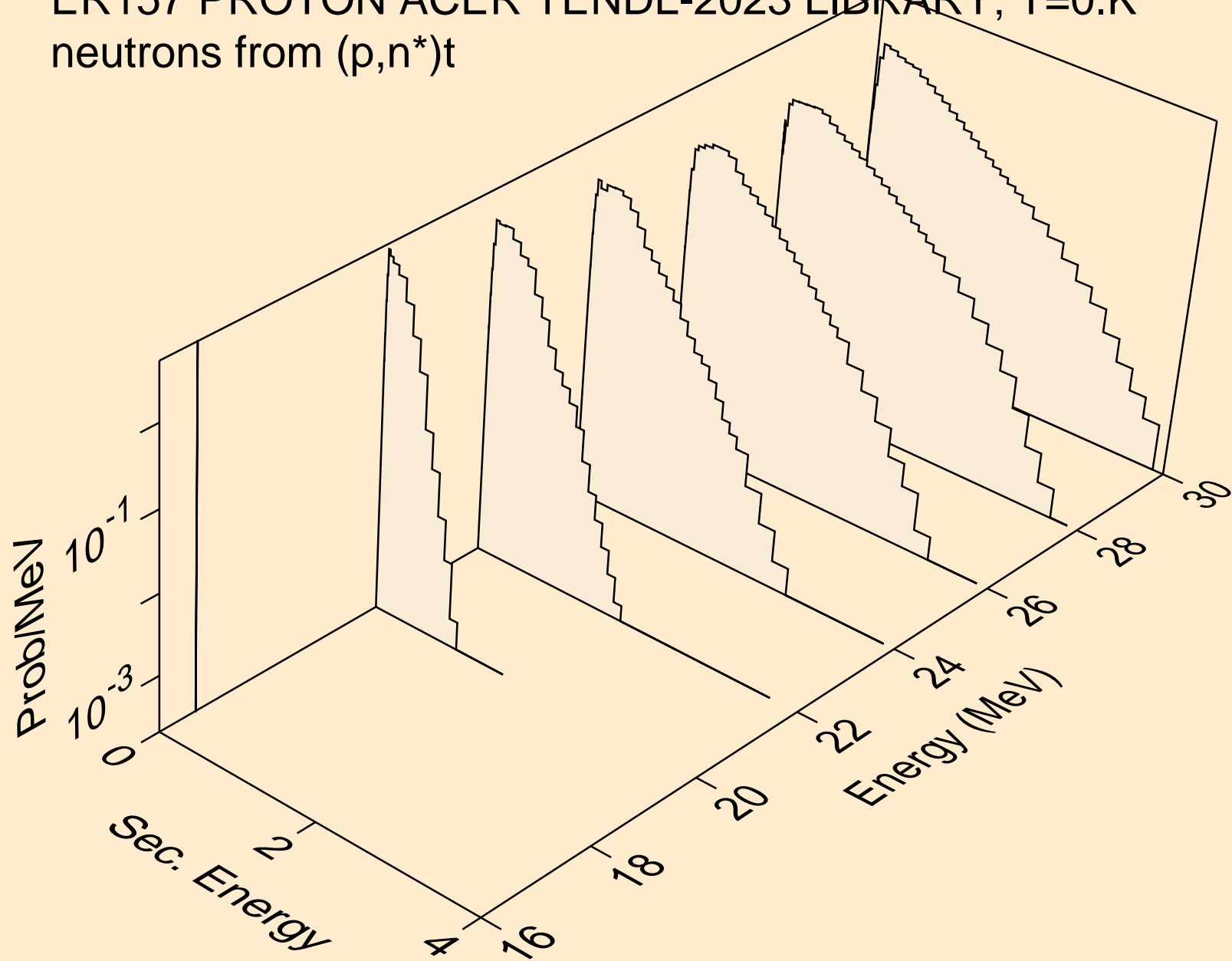
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)2a



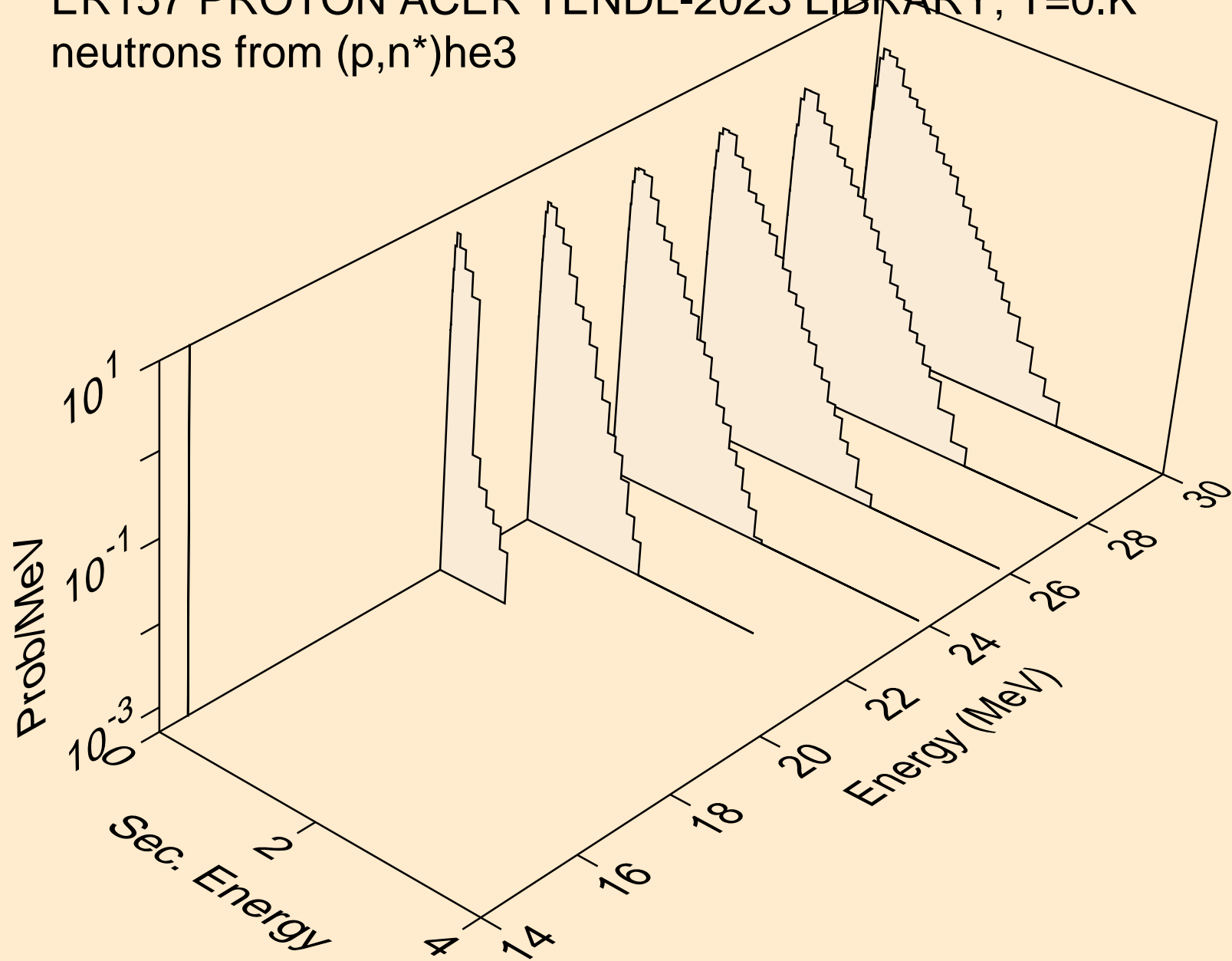
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



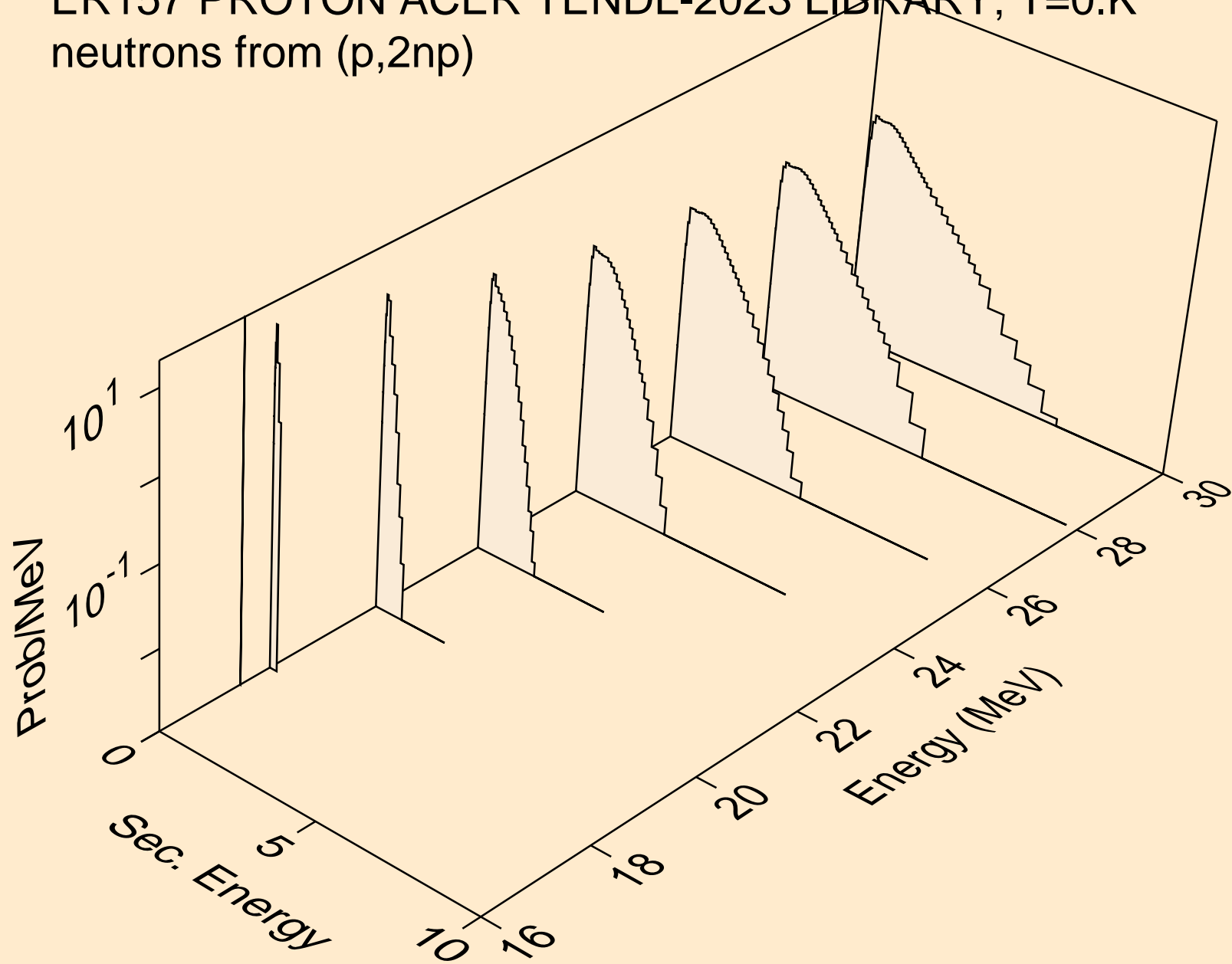
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



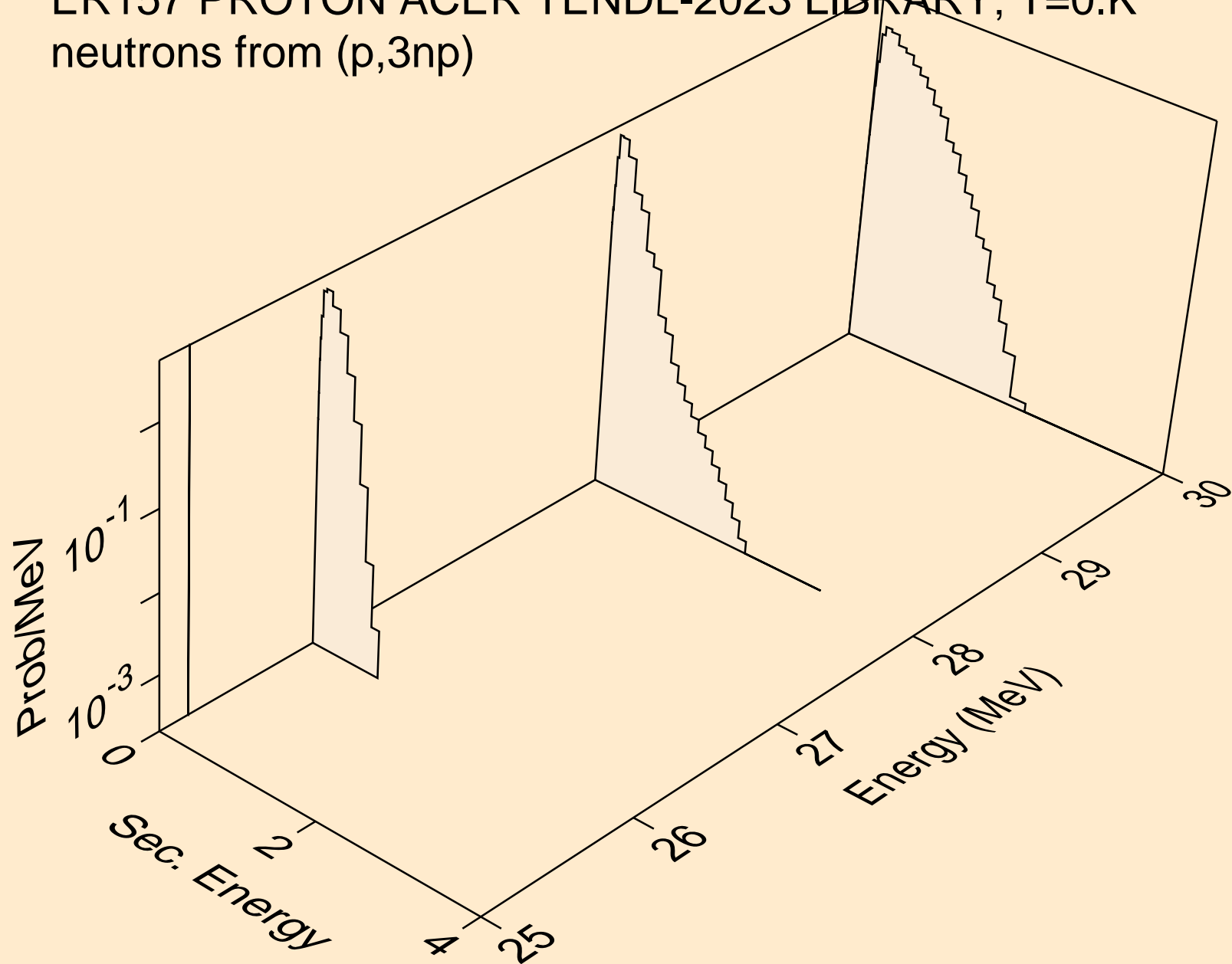
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



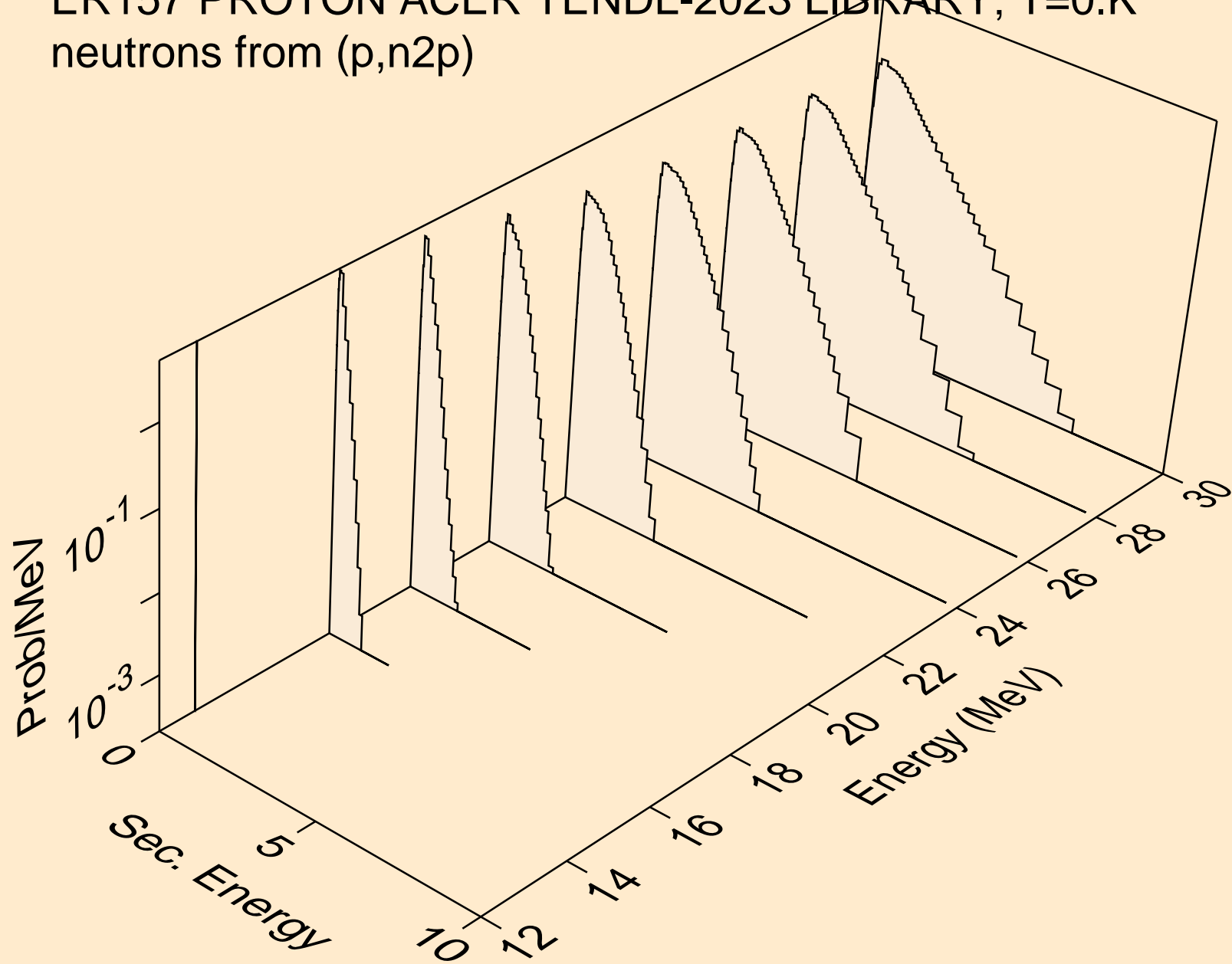
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



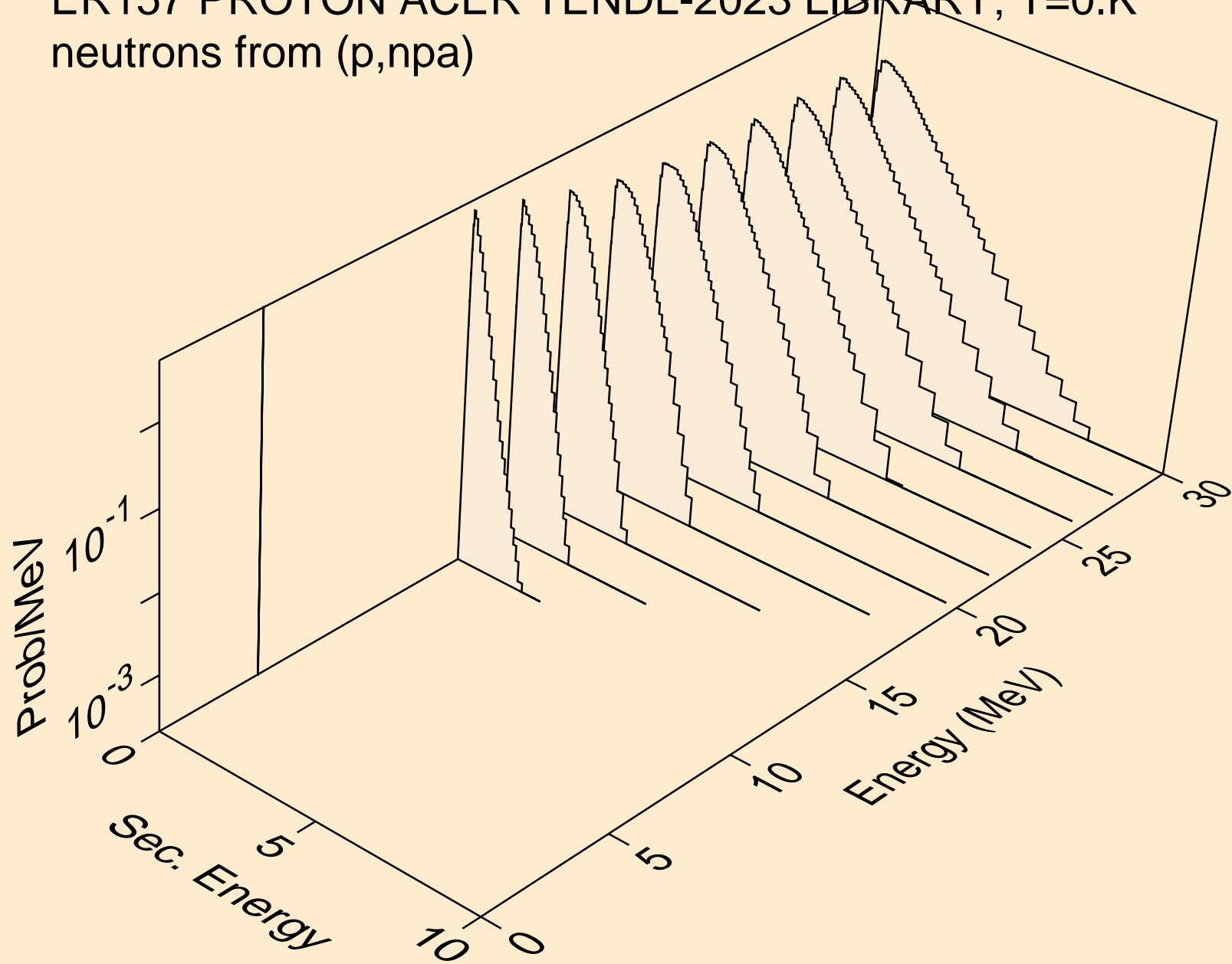
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

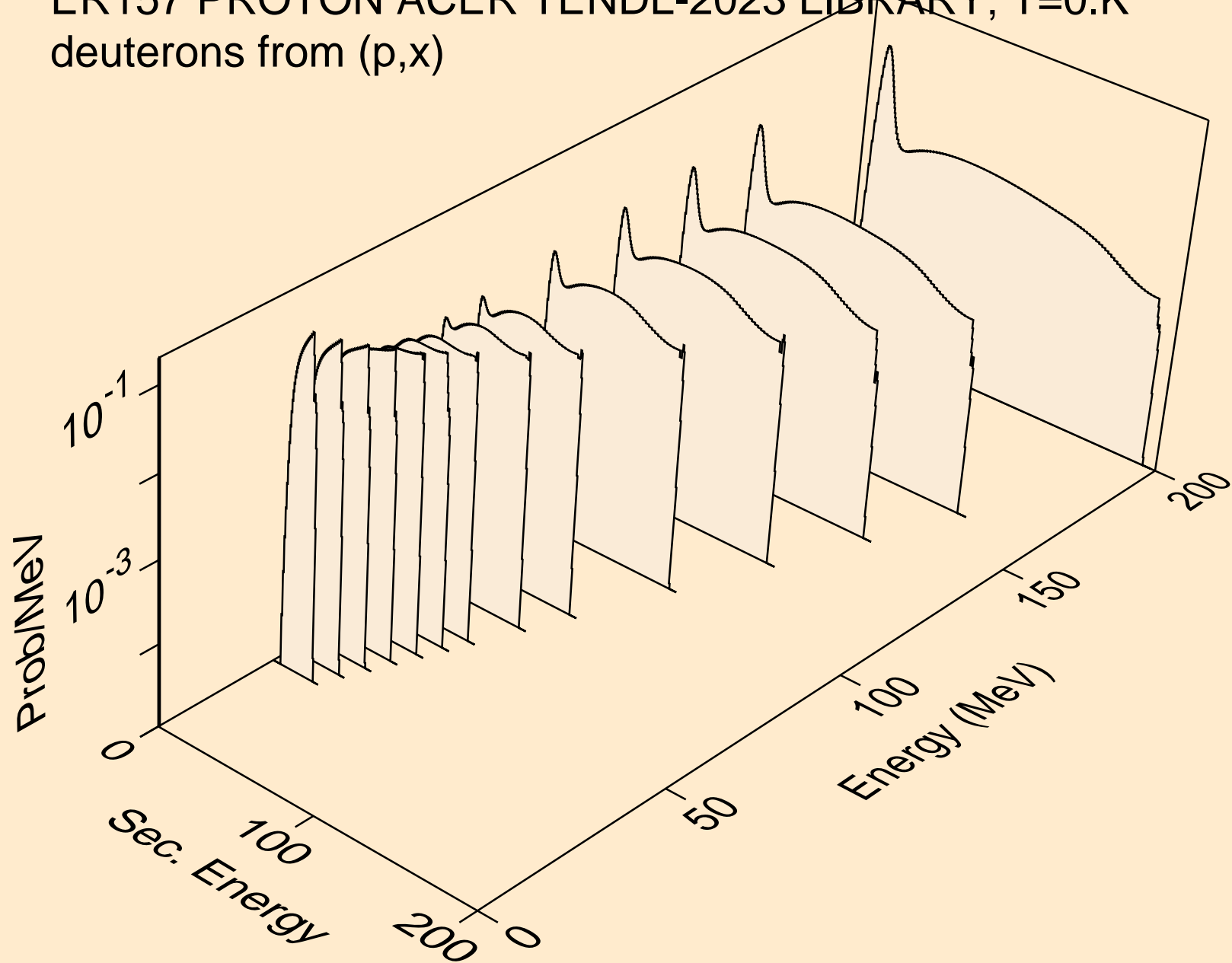


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

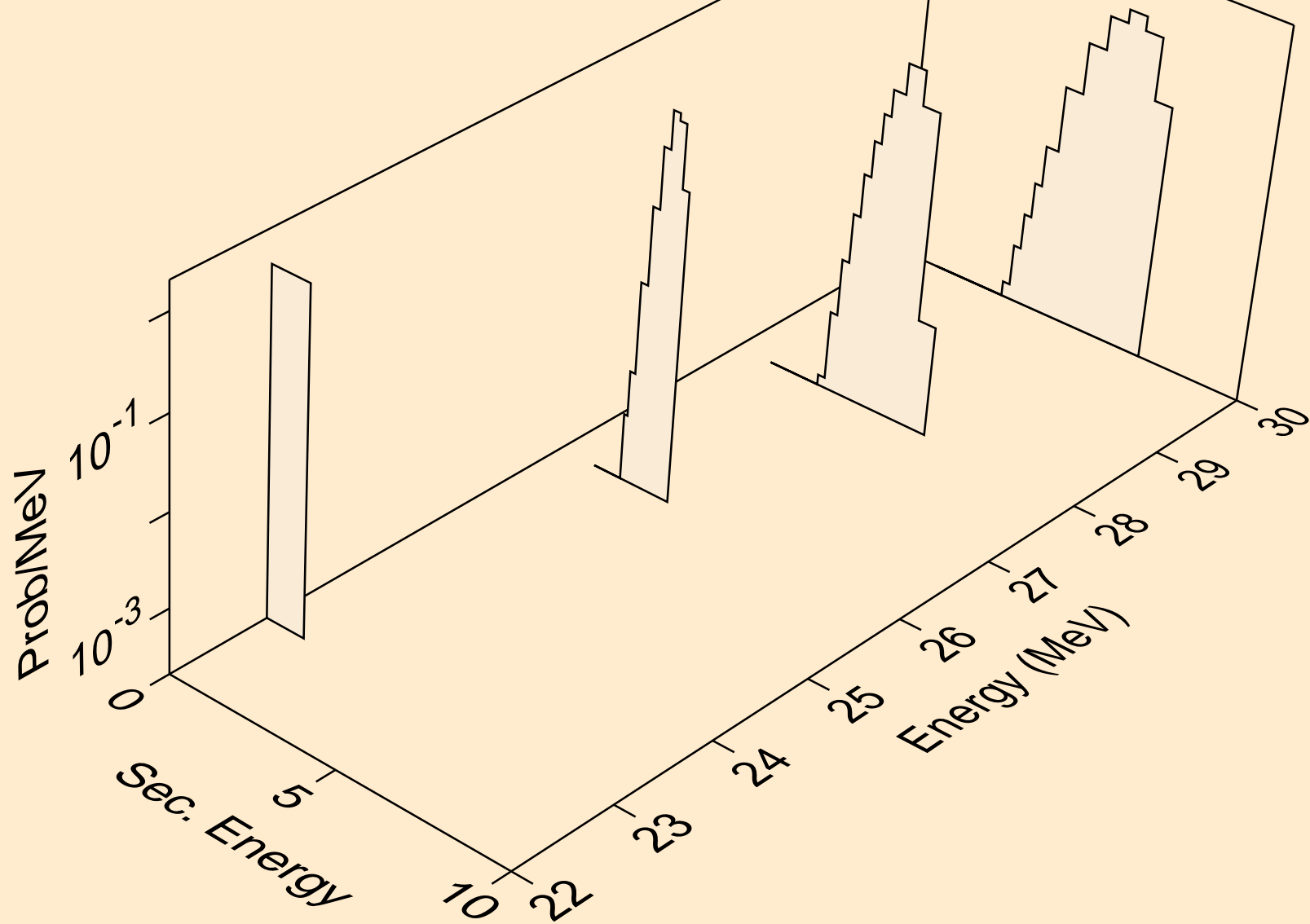




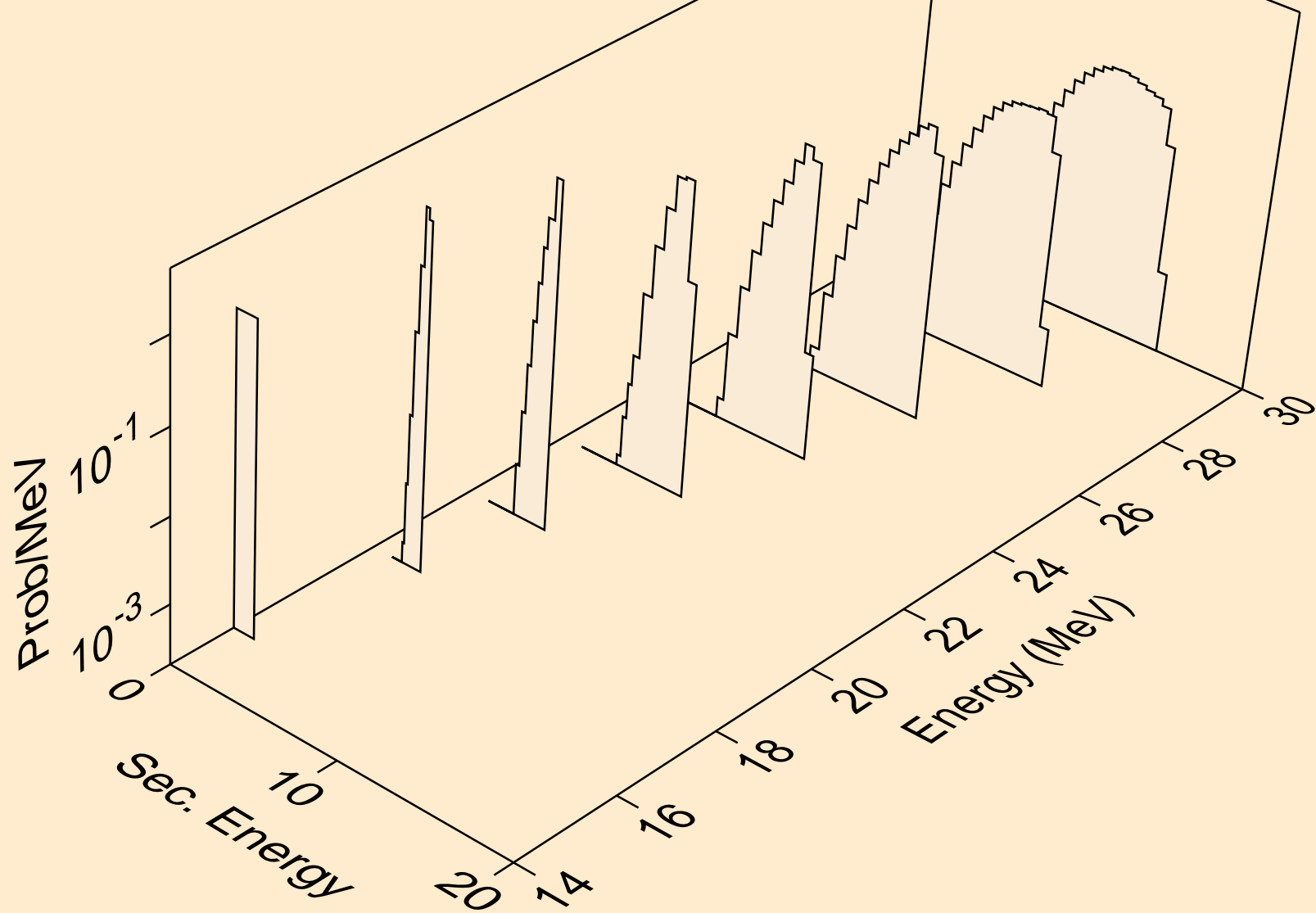
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



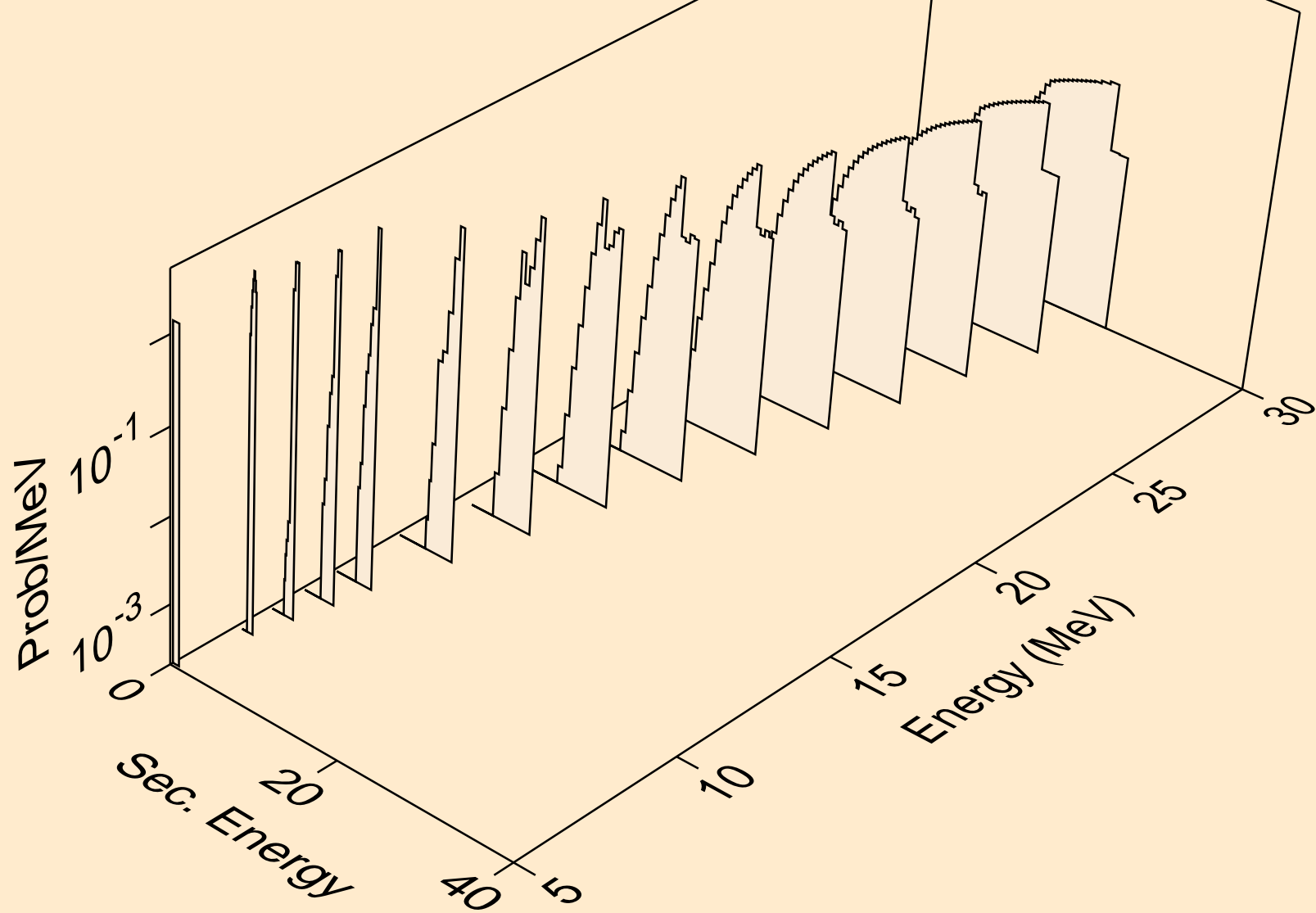
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



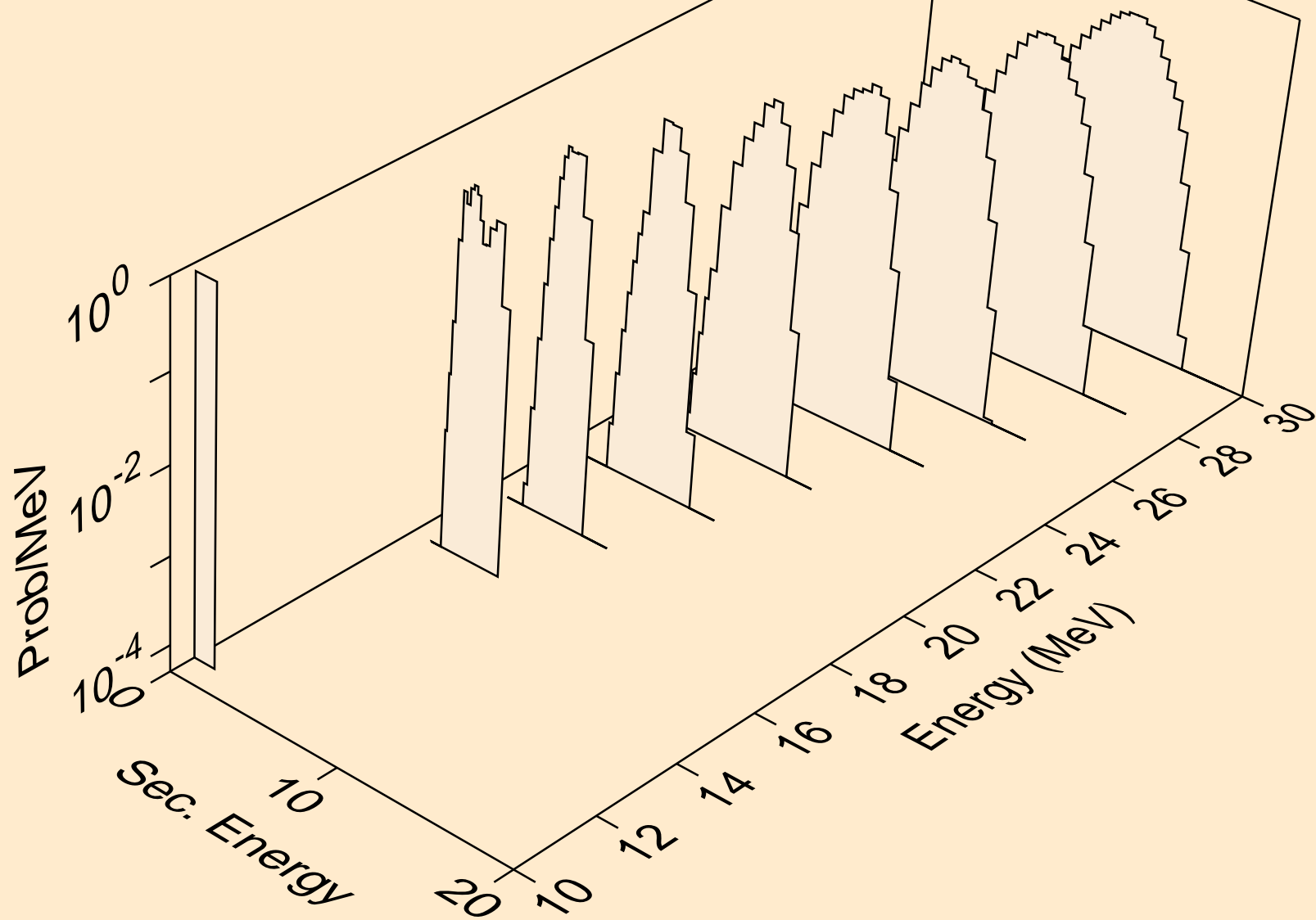
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



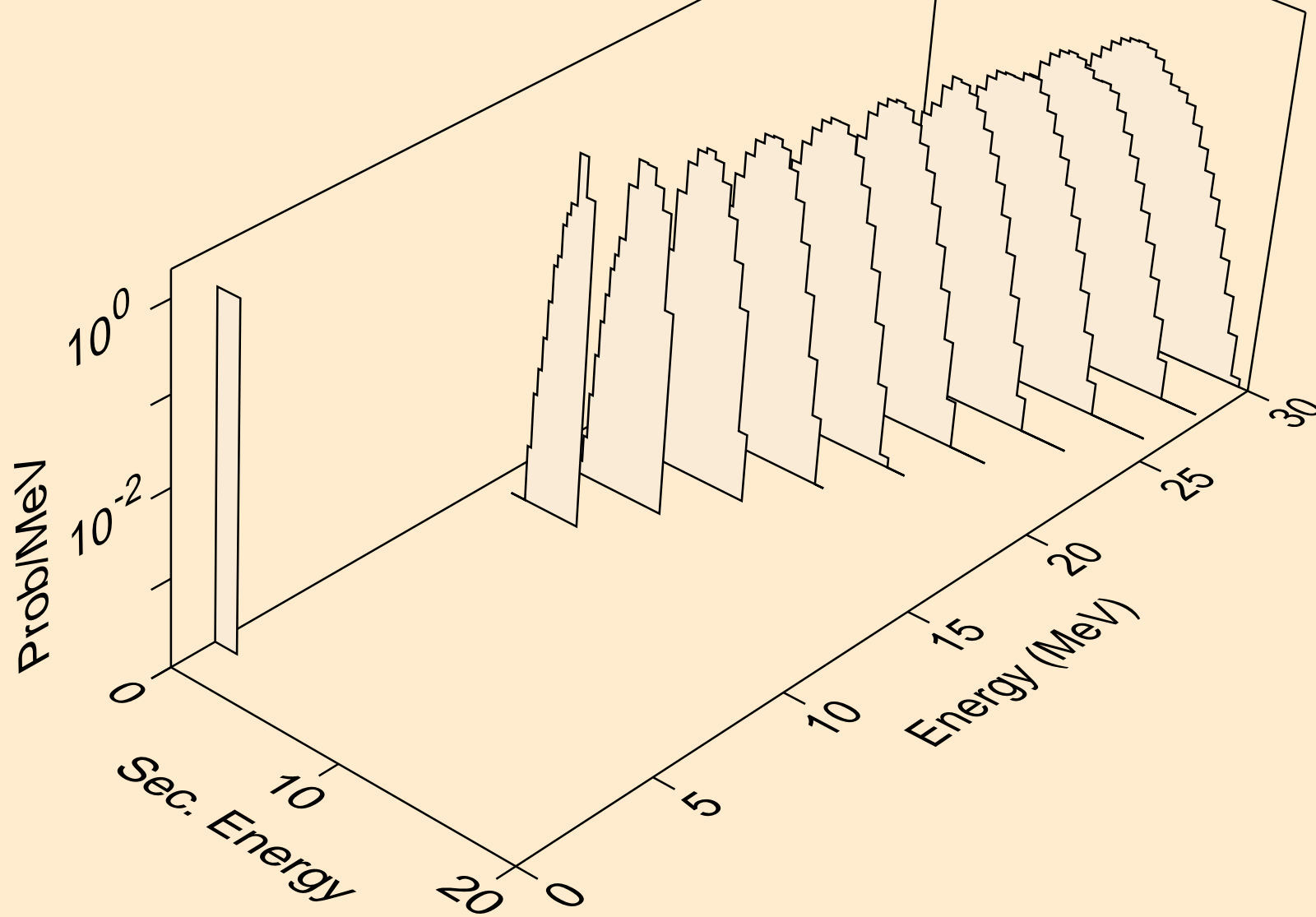
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



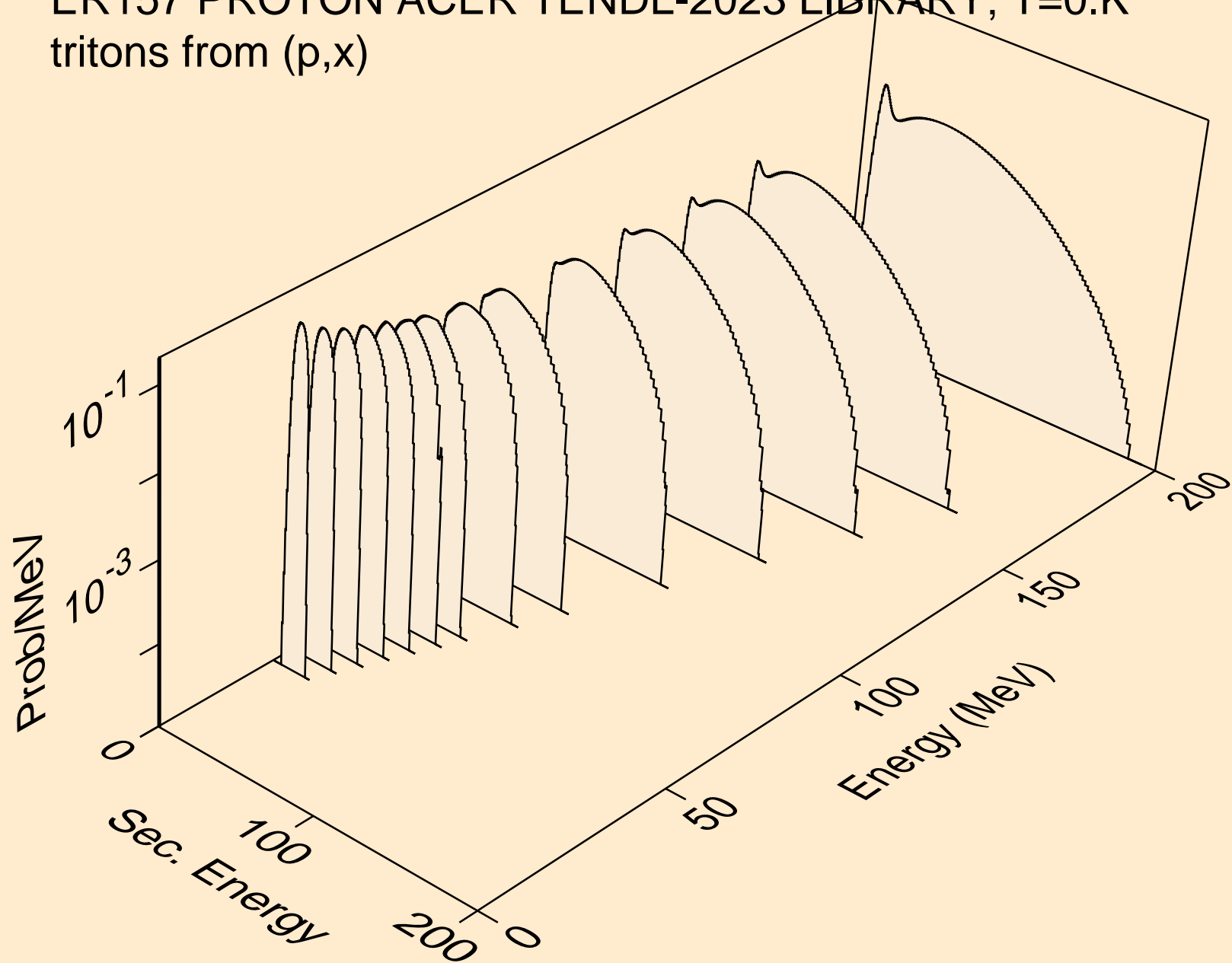
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

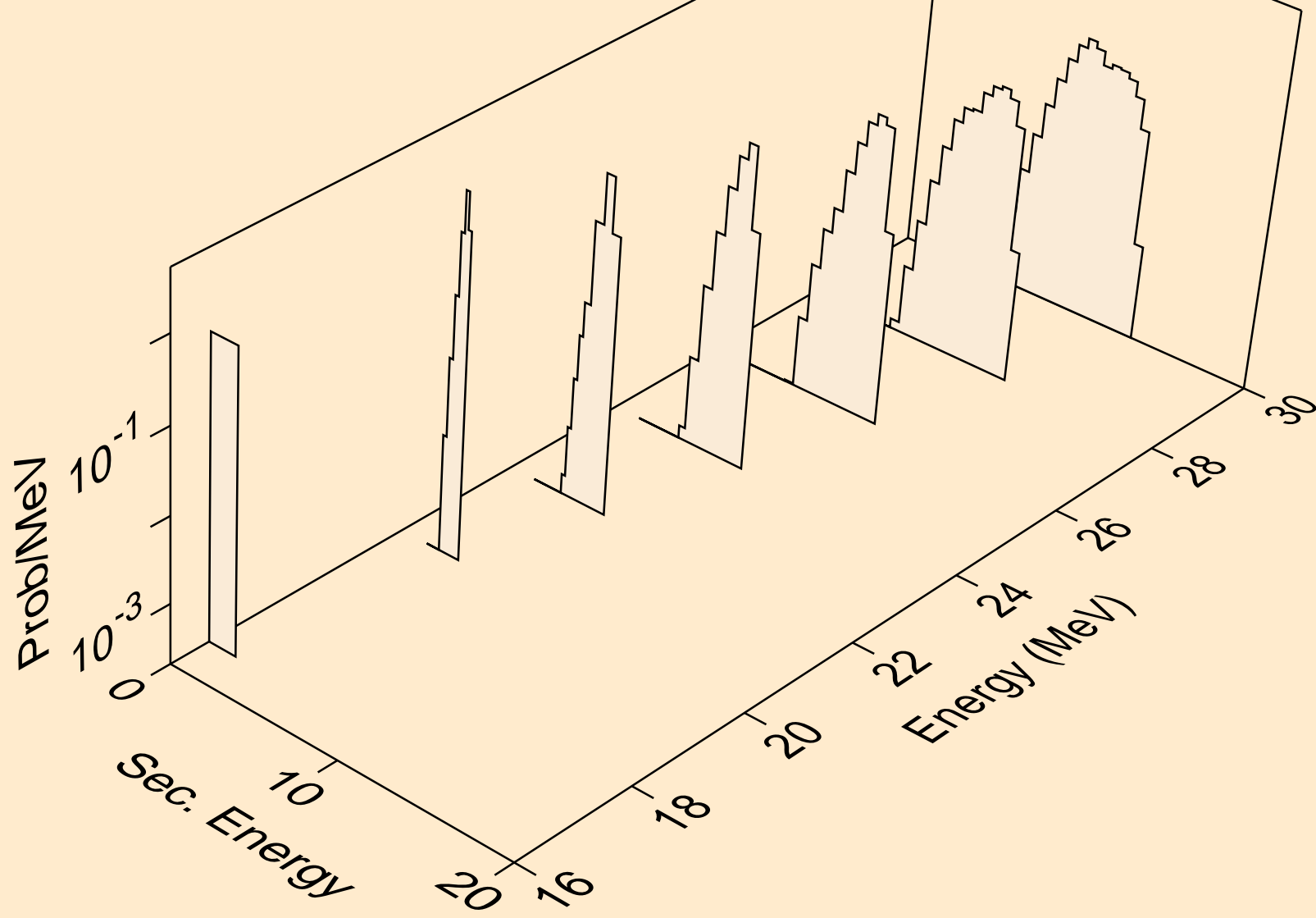


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



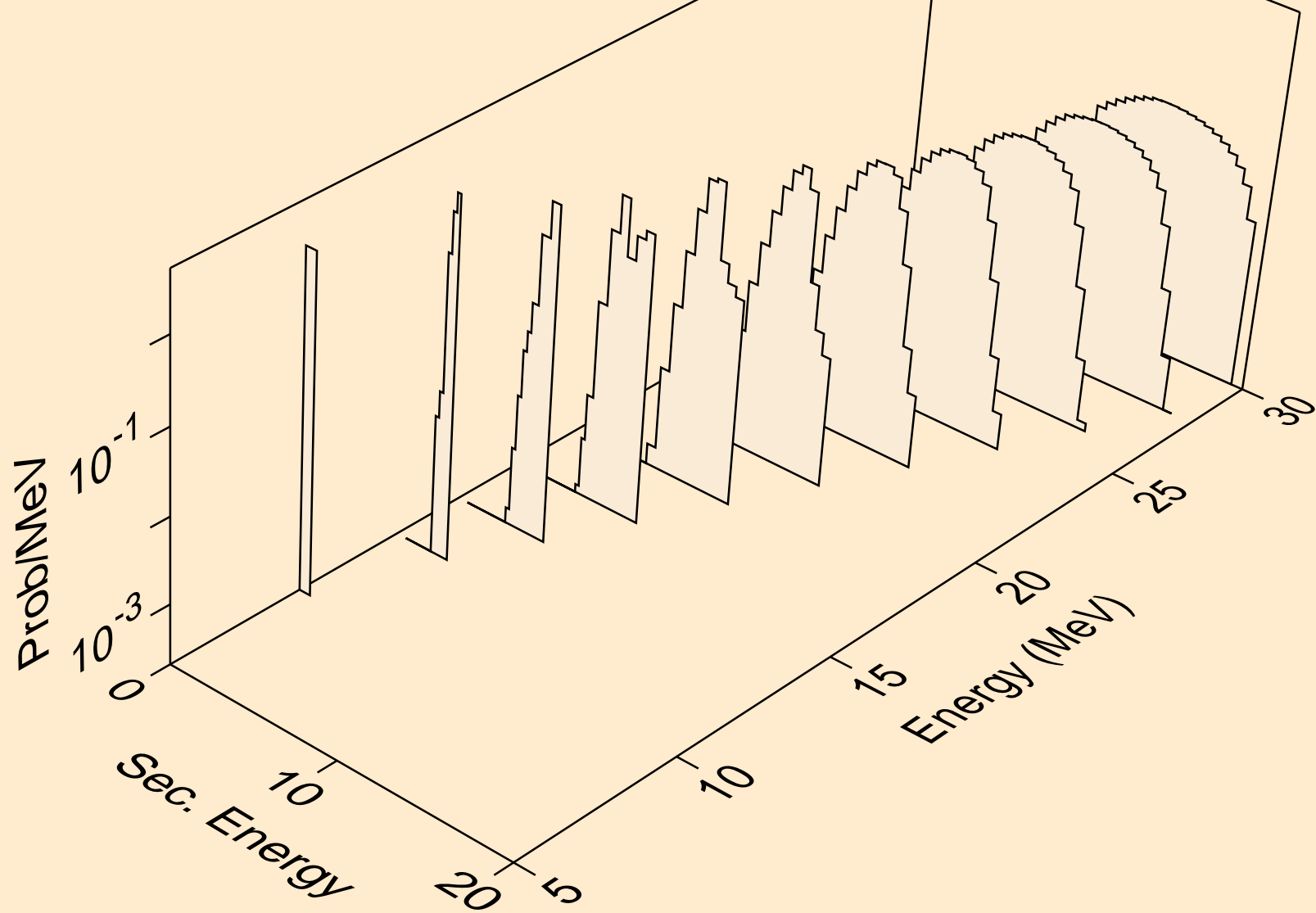
# ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

tritons from (p,n\*)t

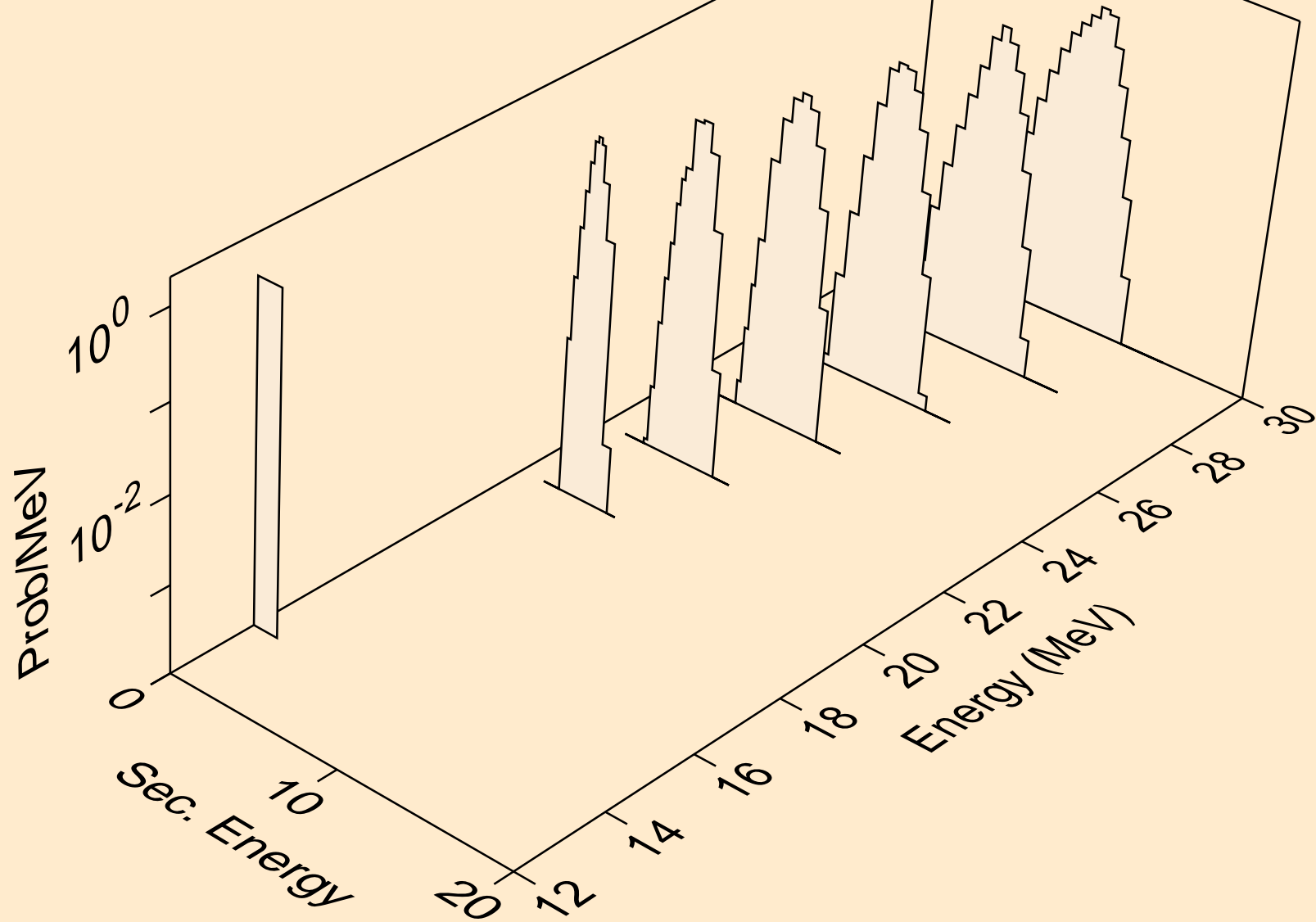




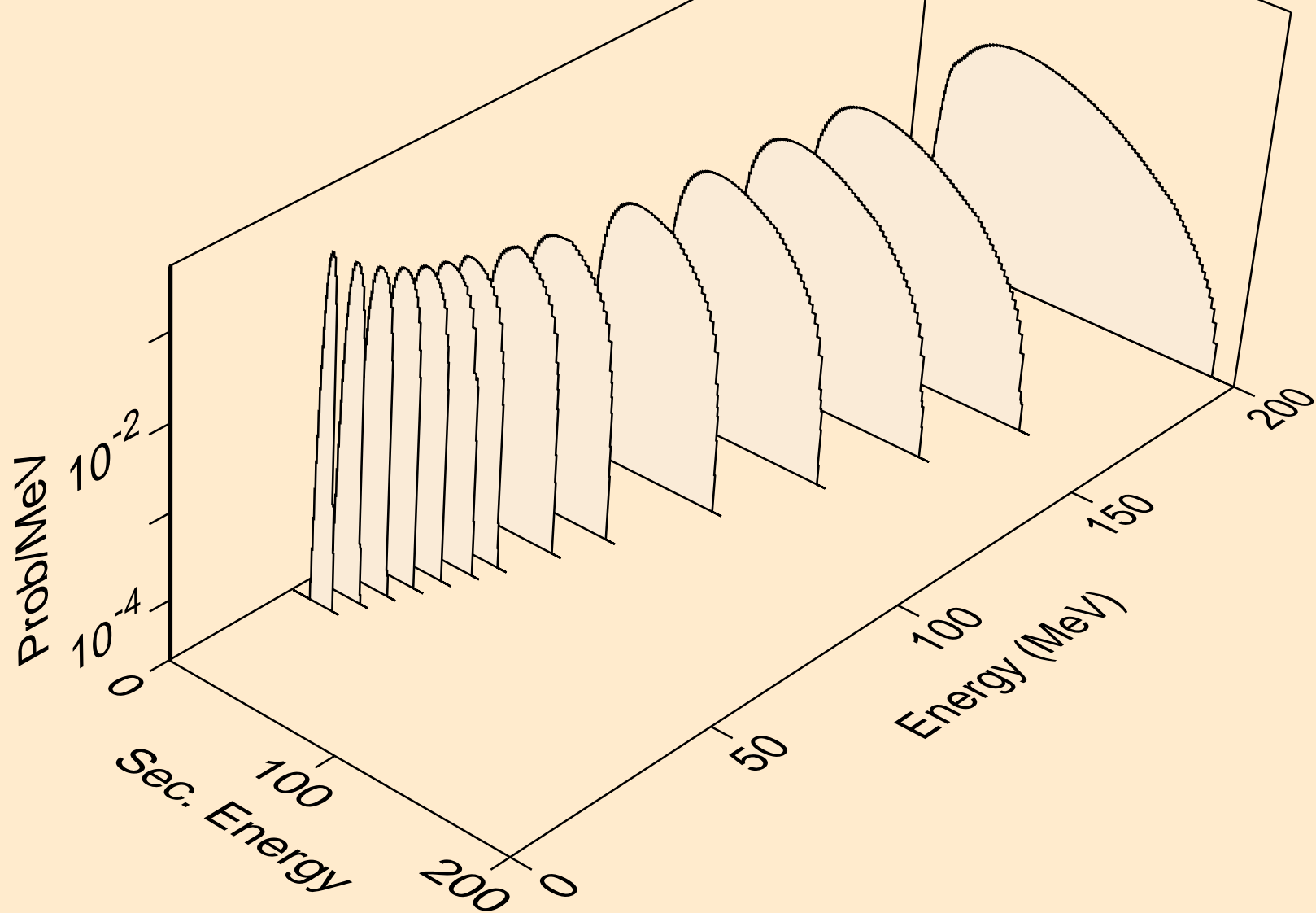
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



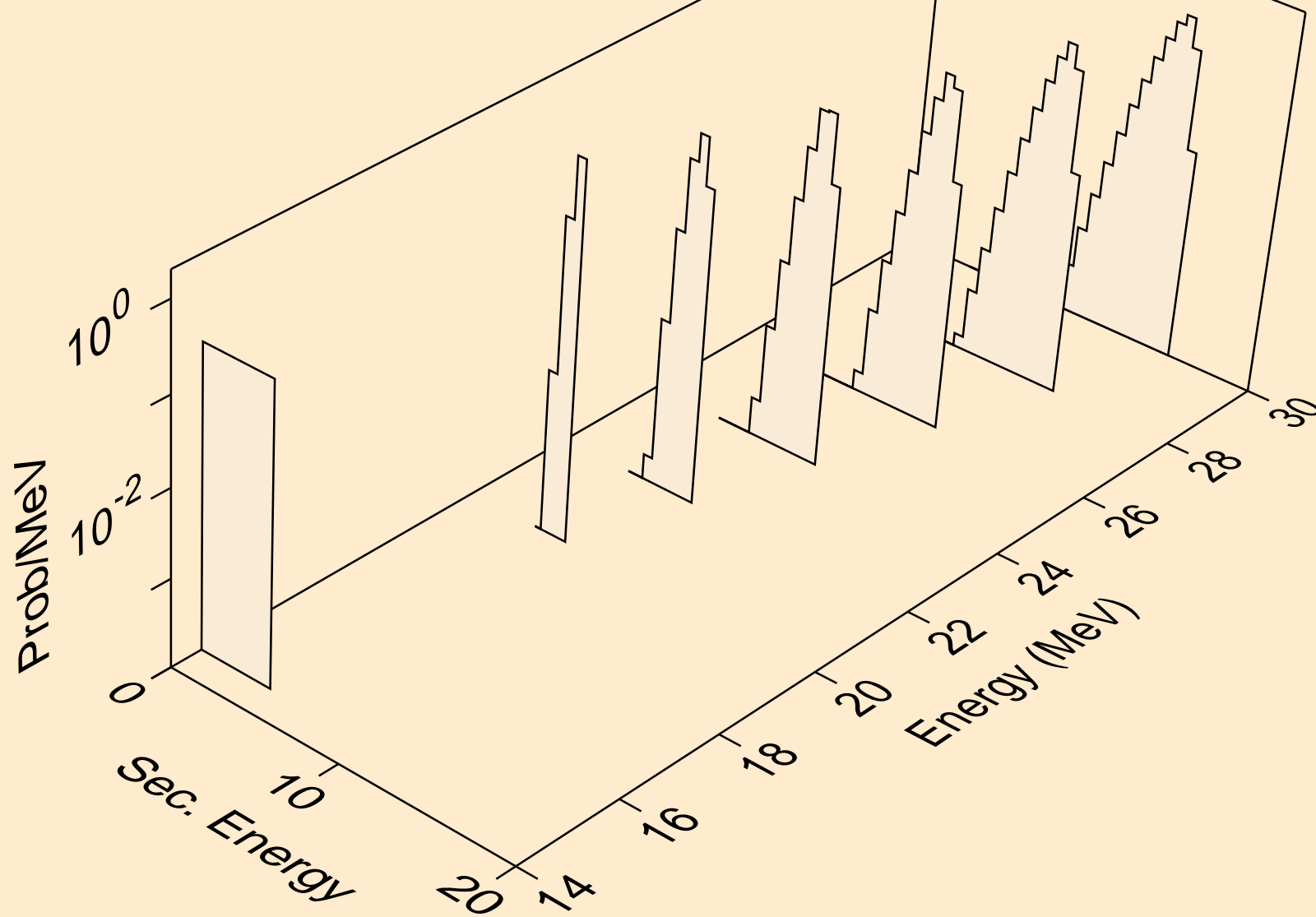
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



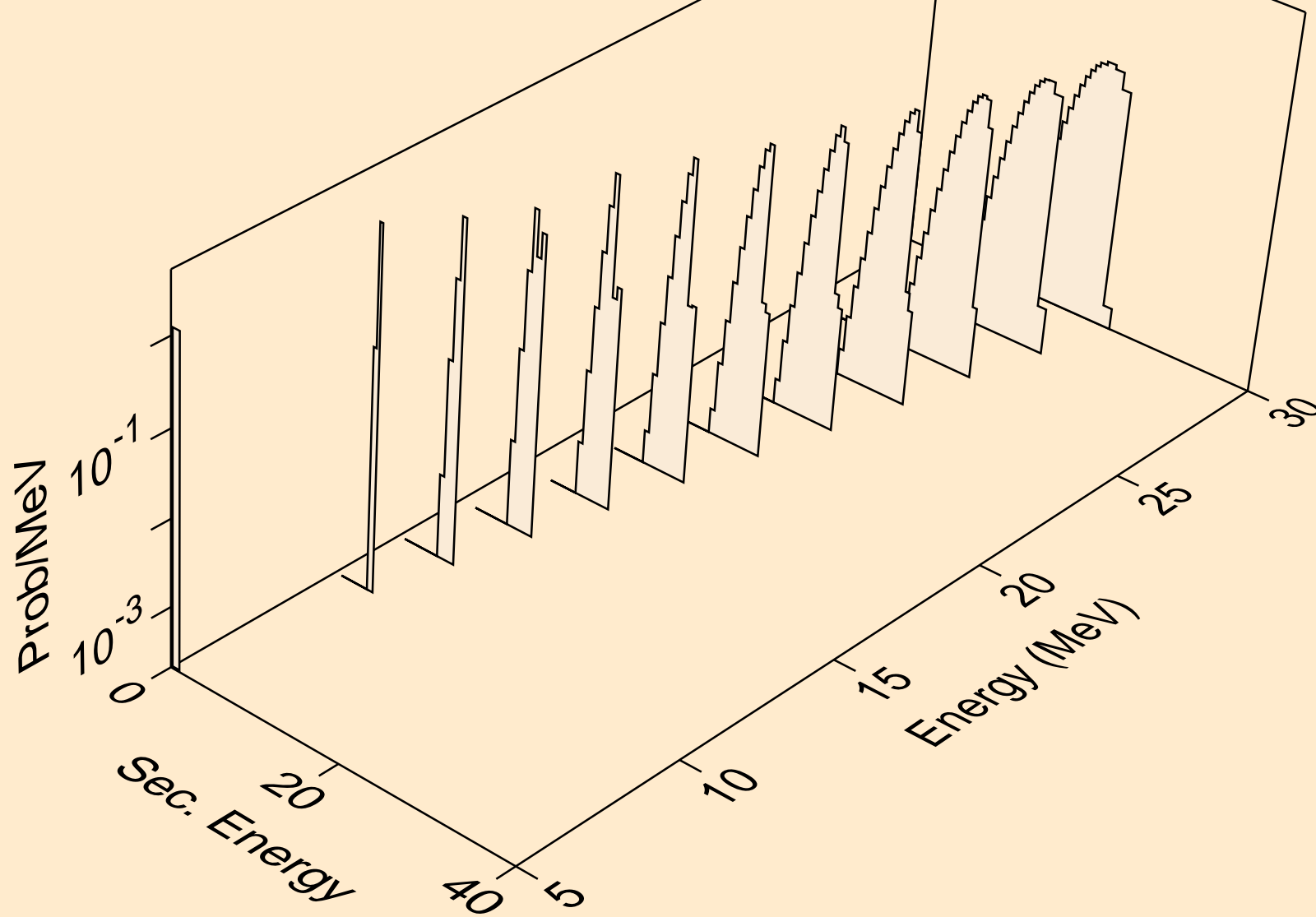
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



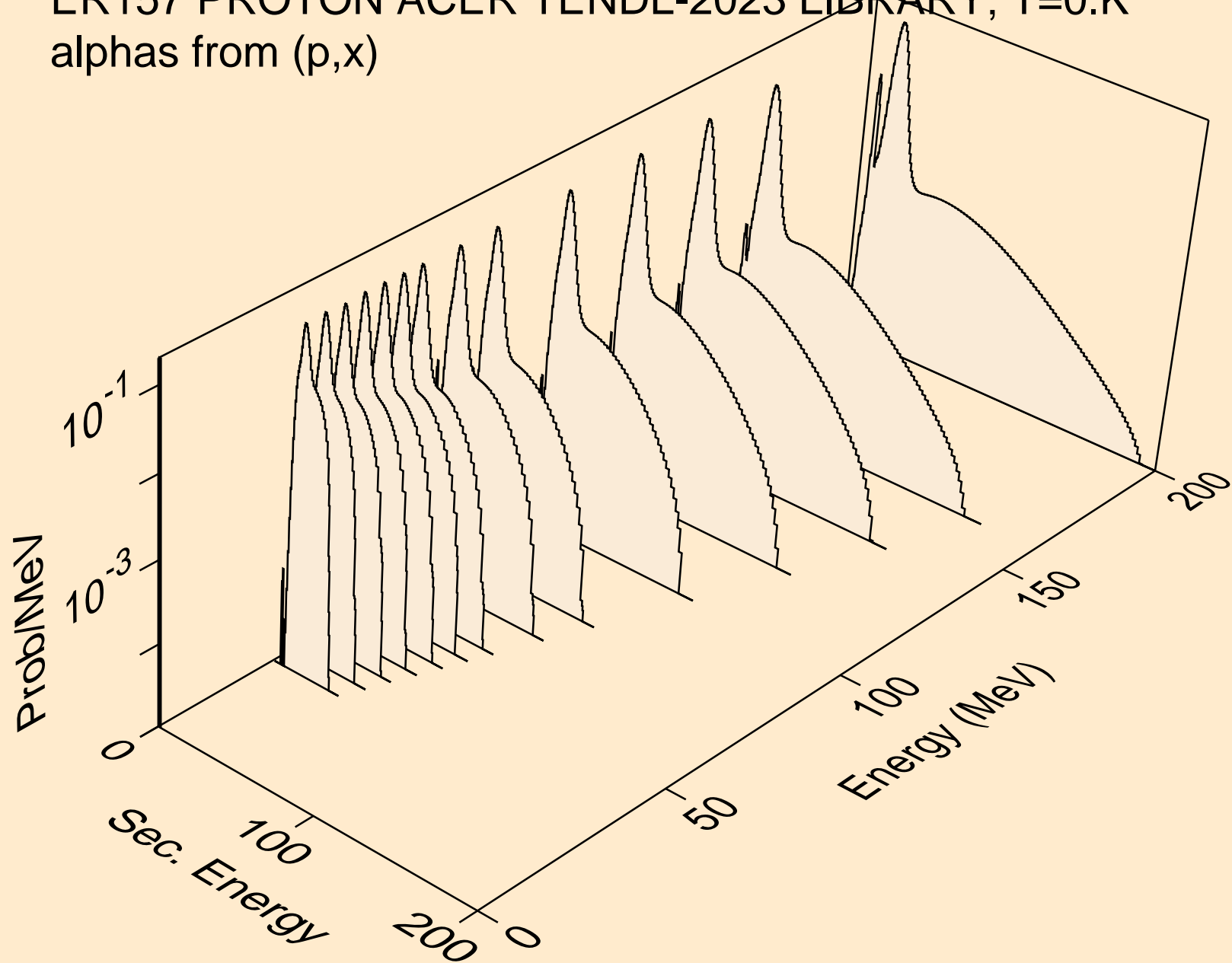
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



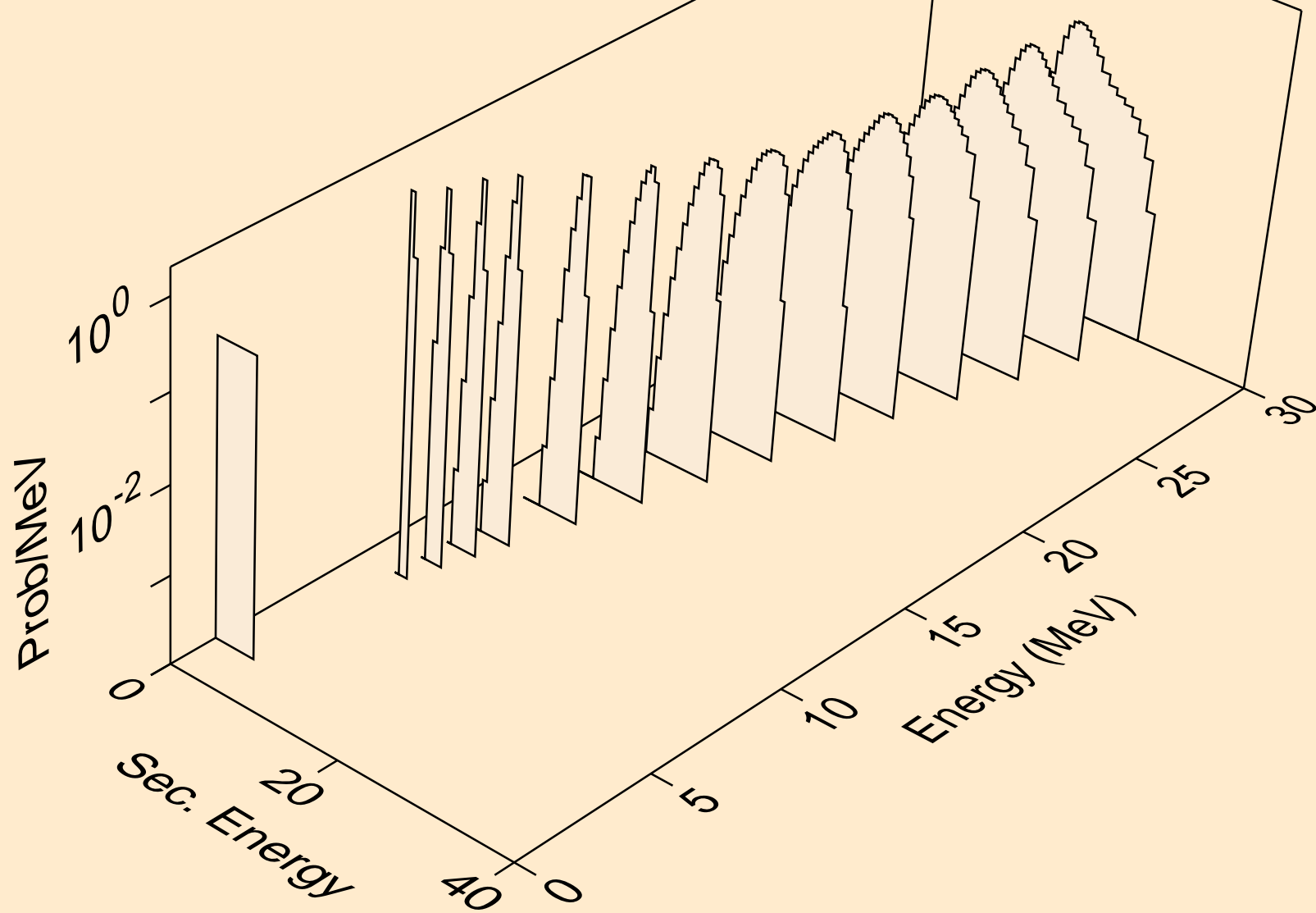
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



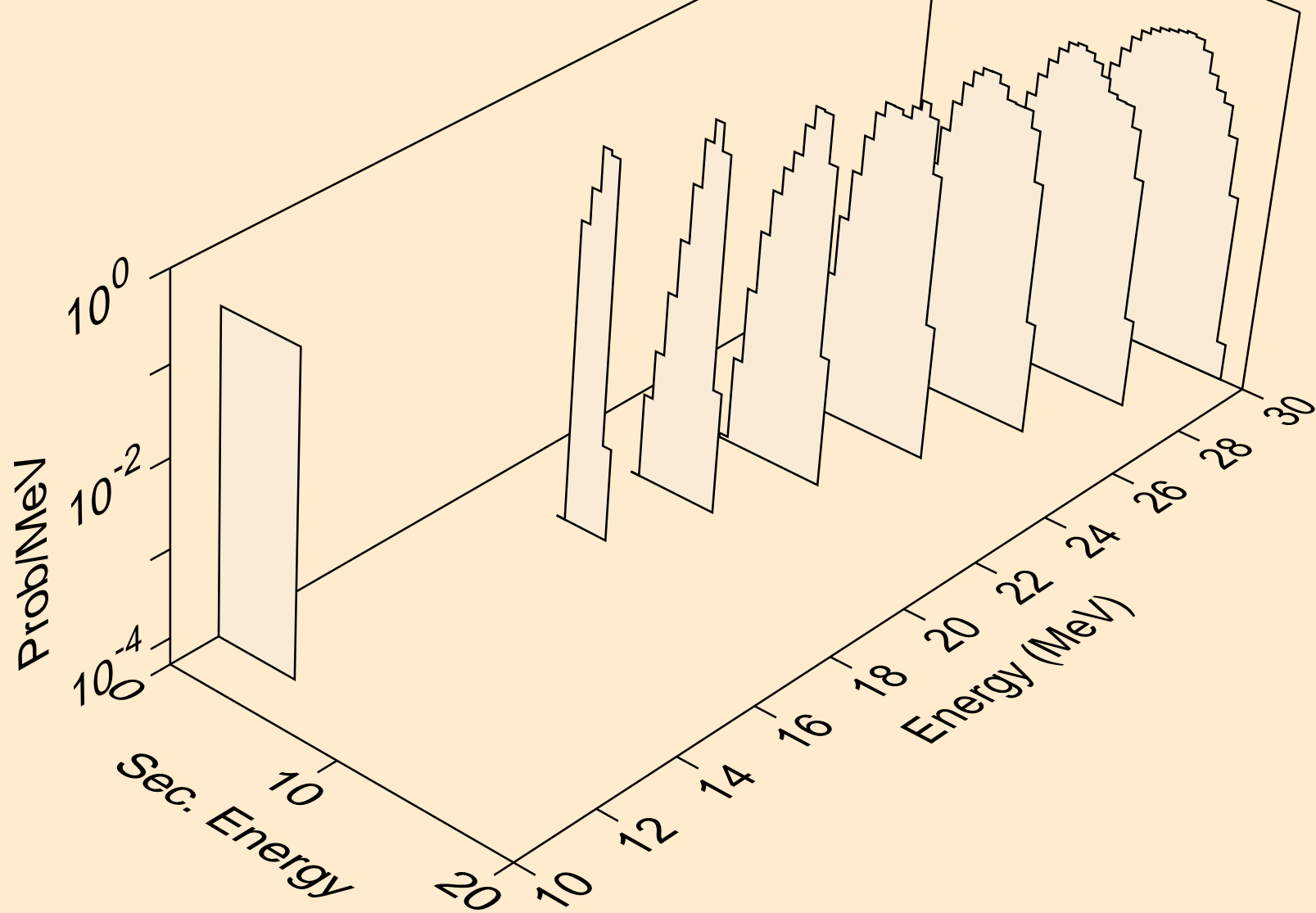
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

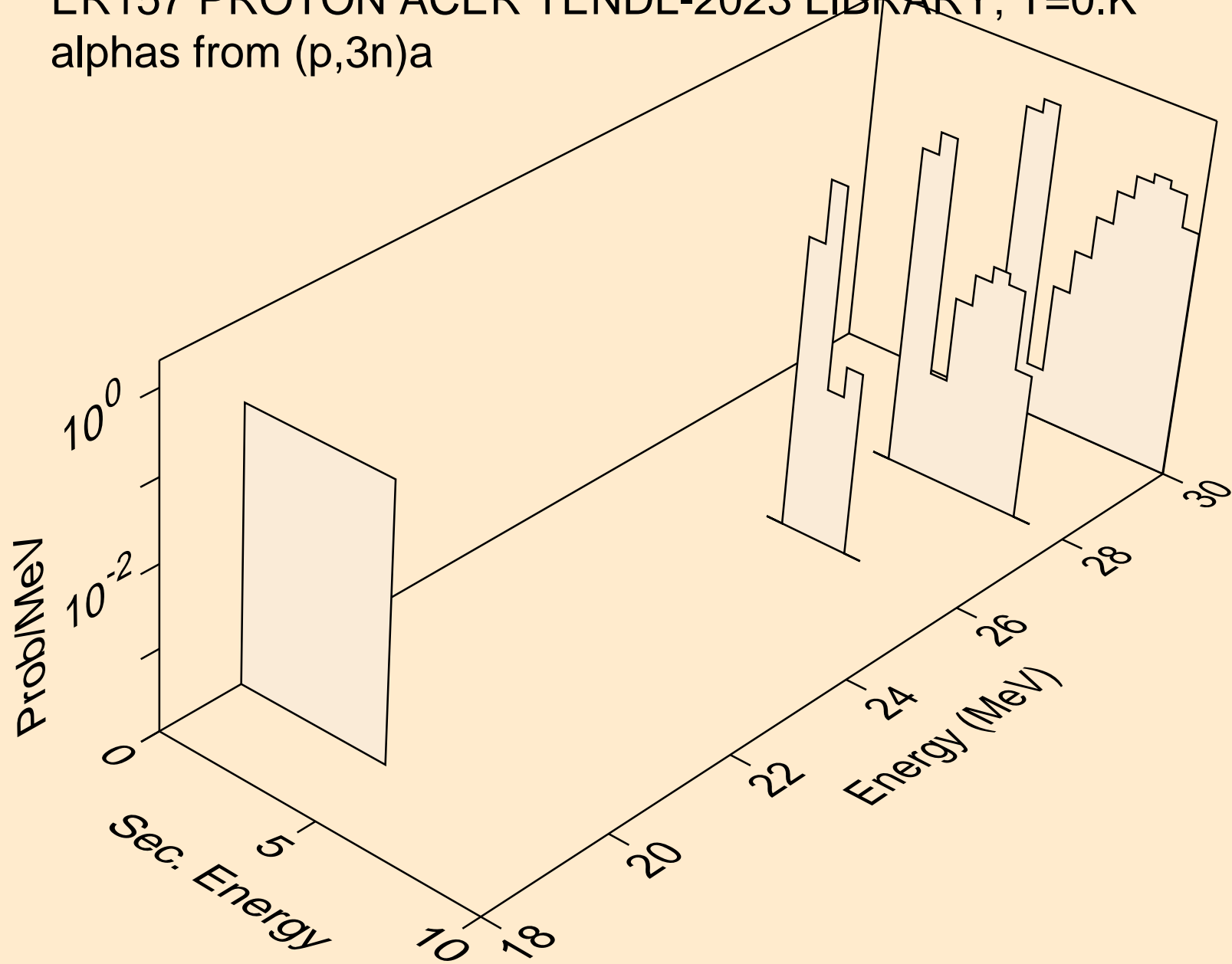


ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

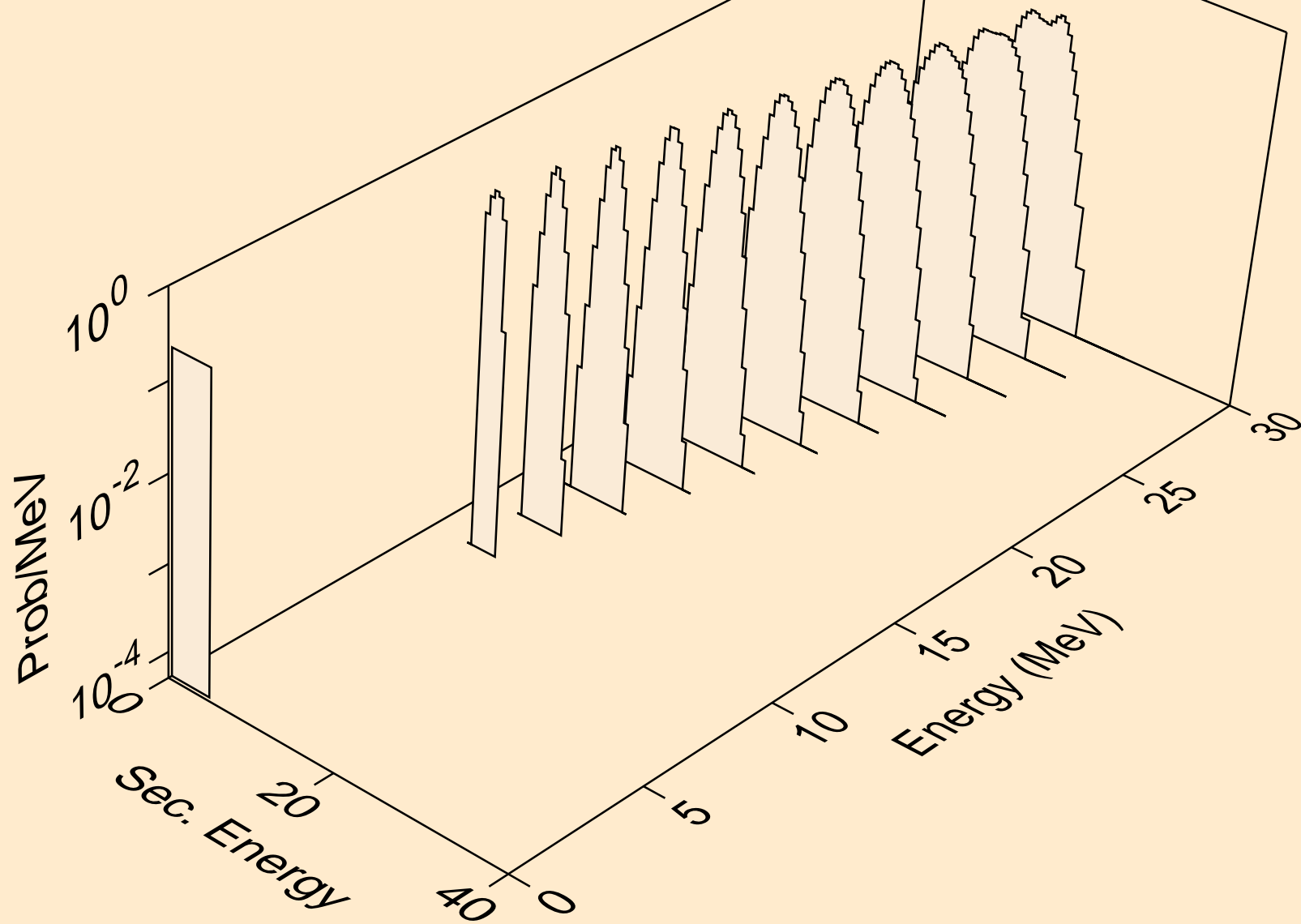




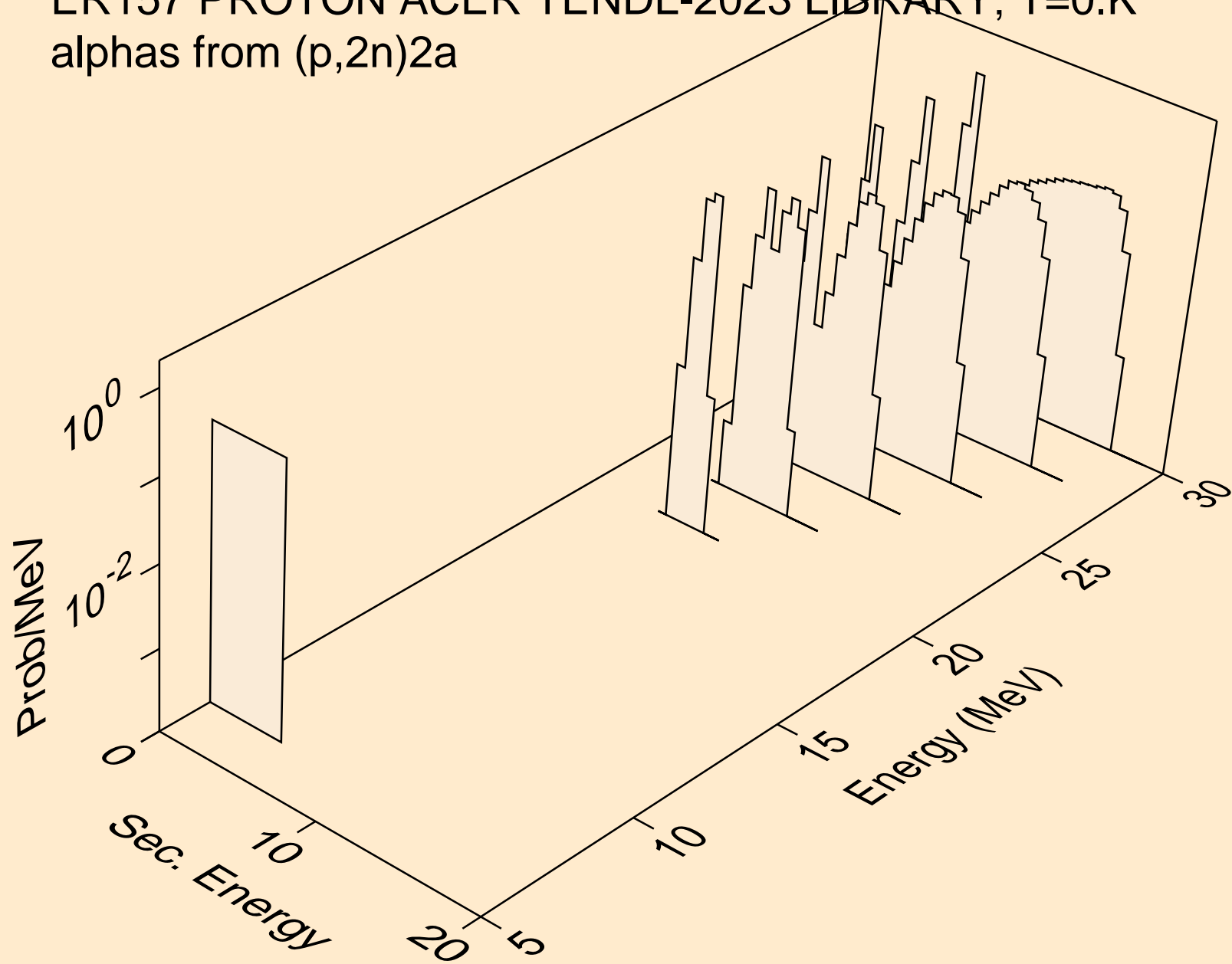
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



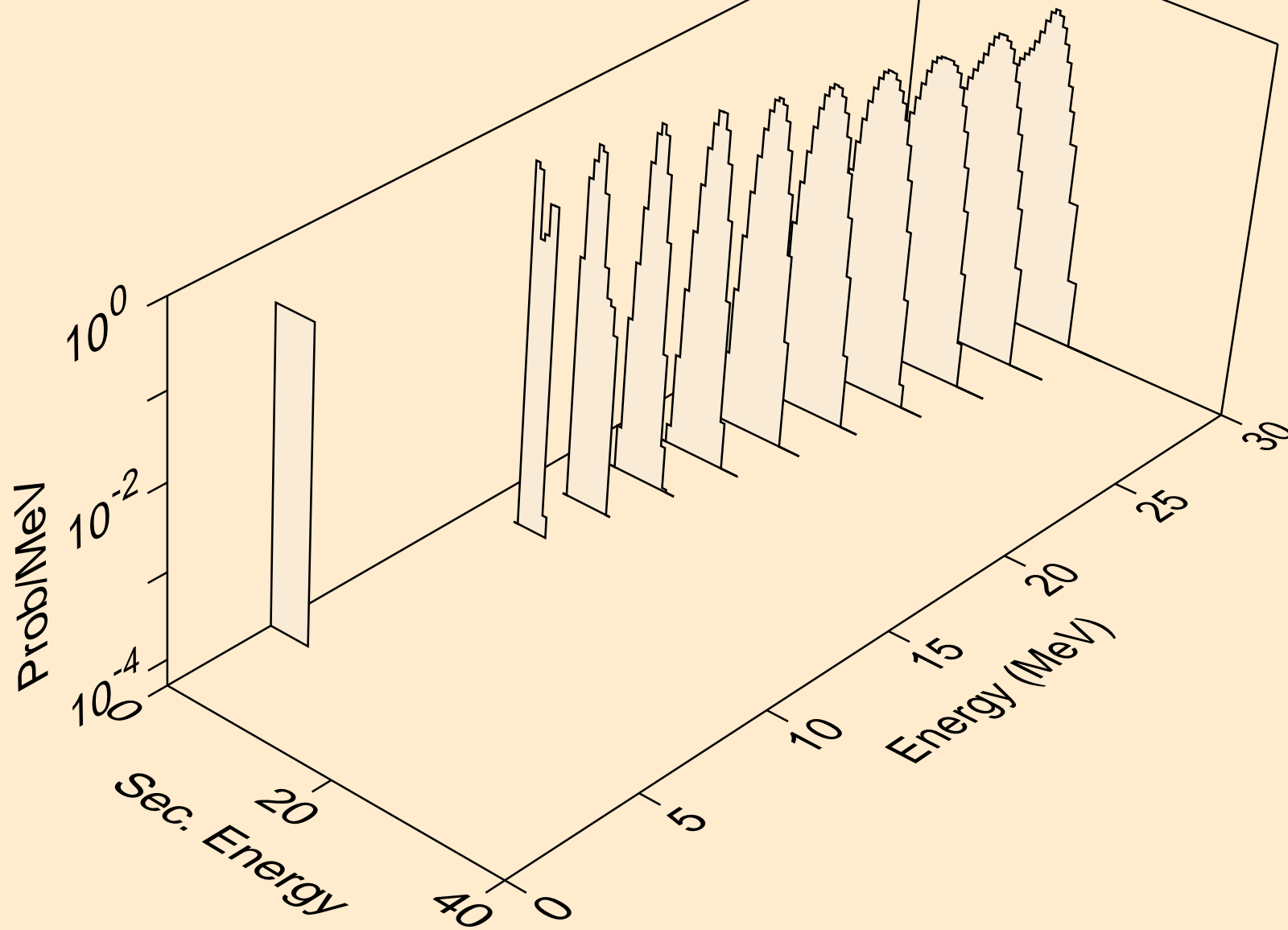
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



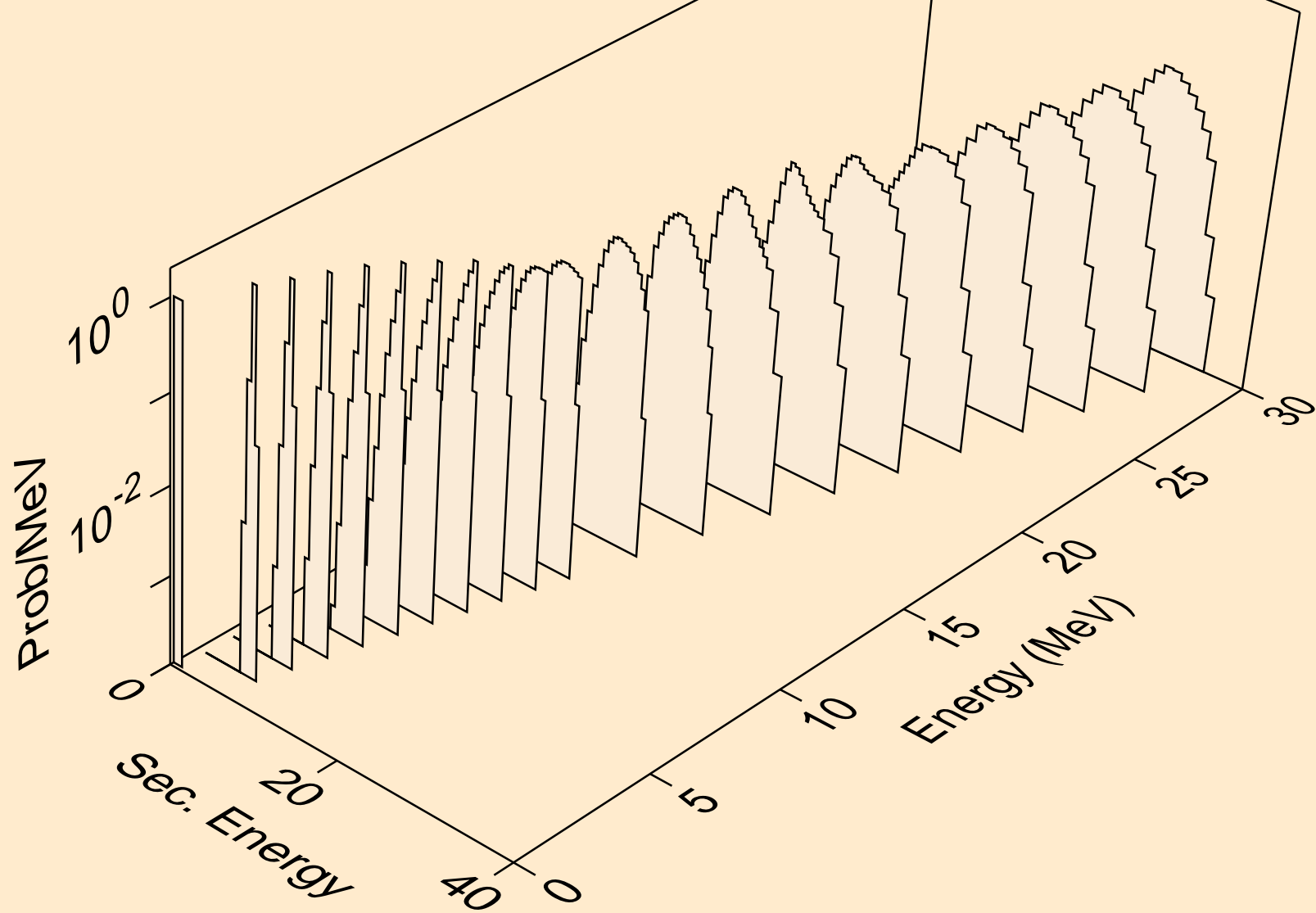
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a



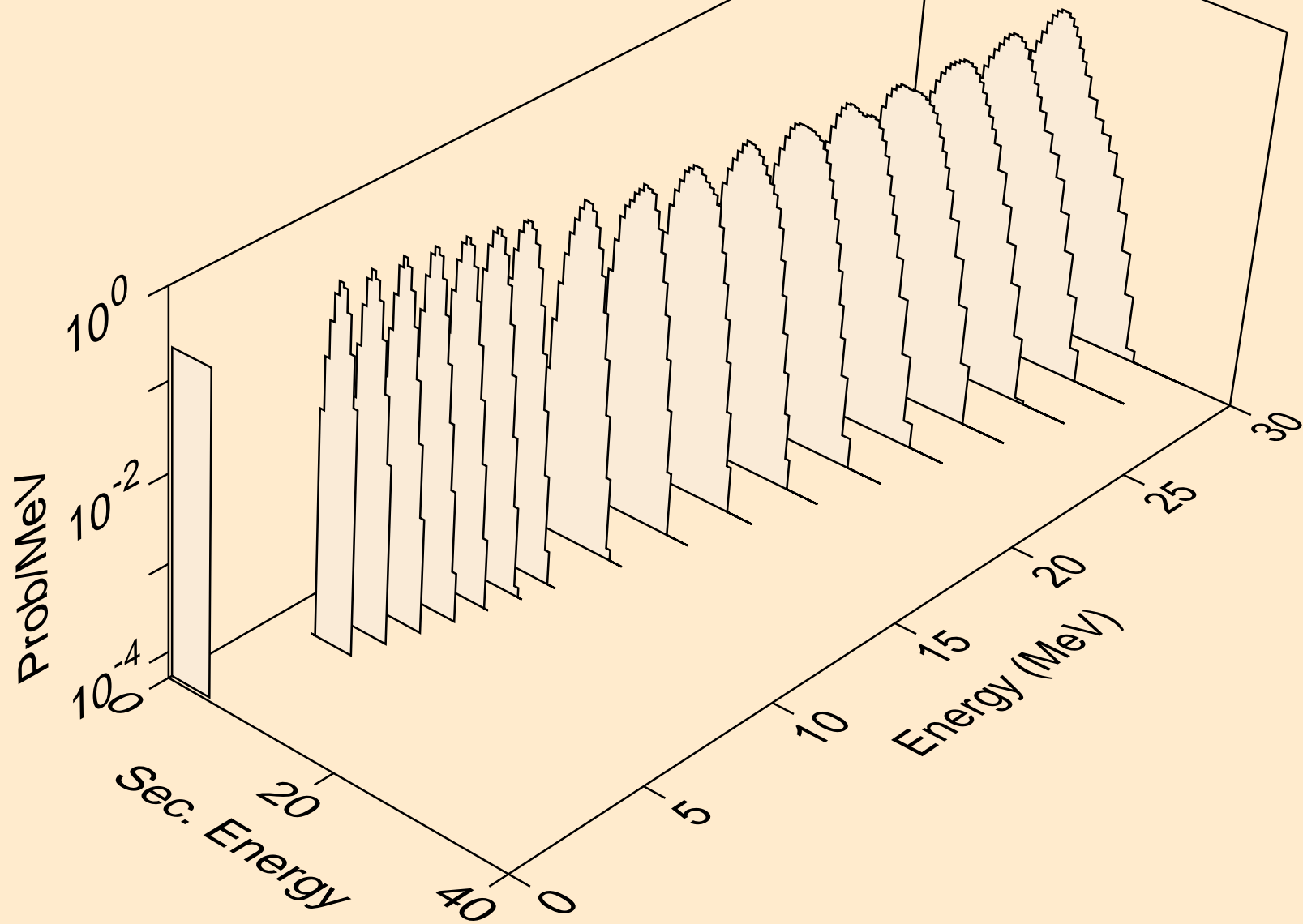
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



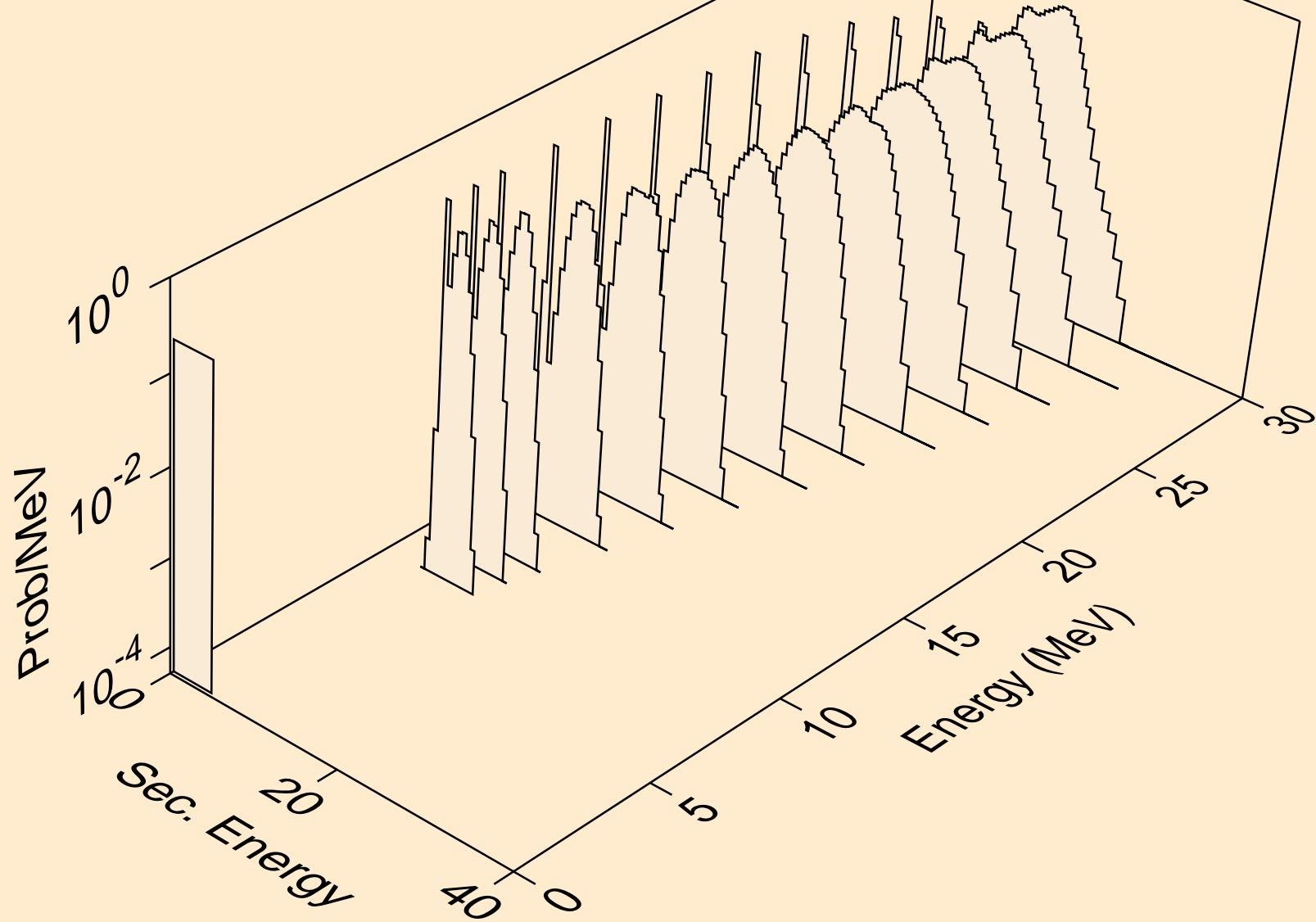
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



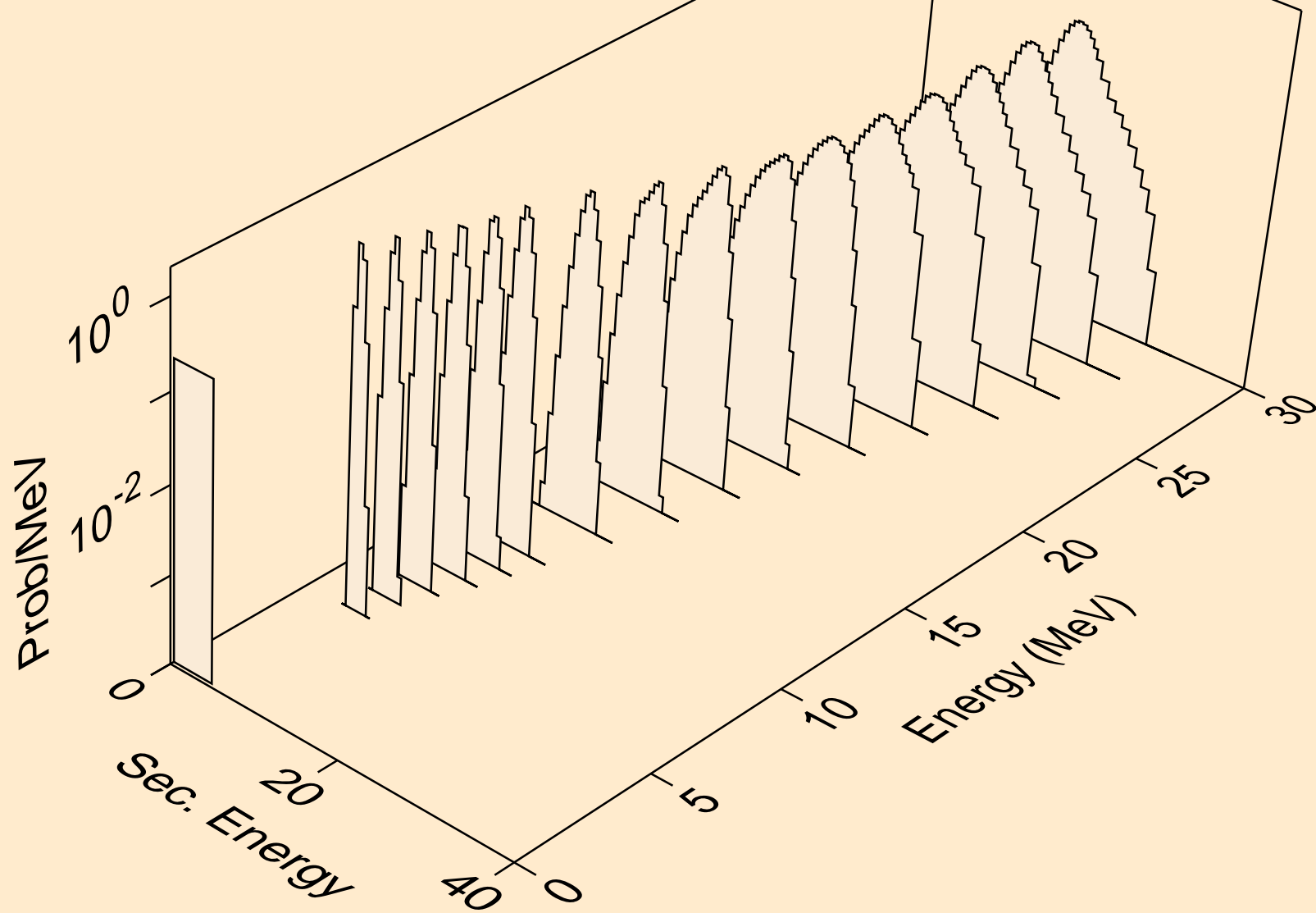
ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)





ER157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

