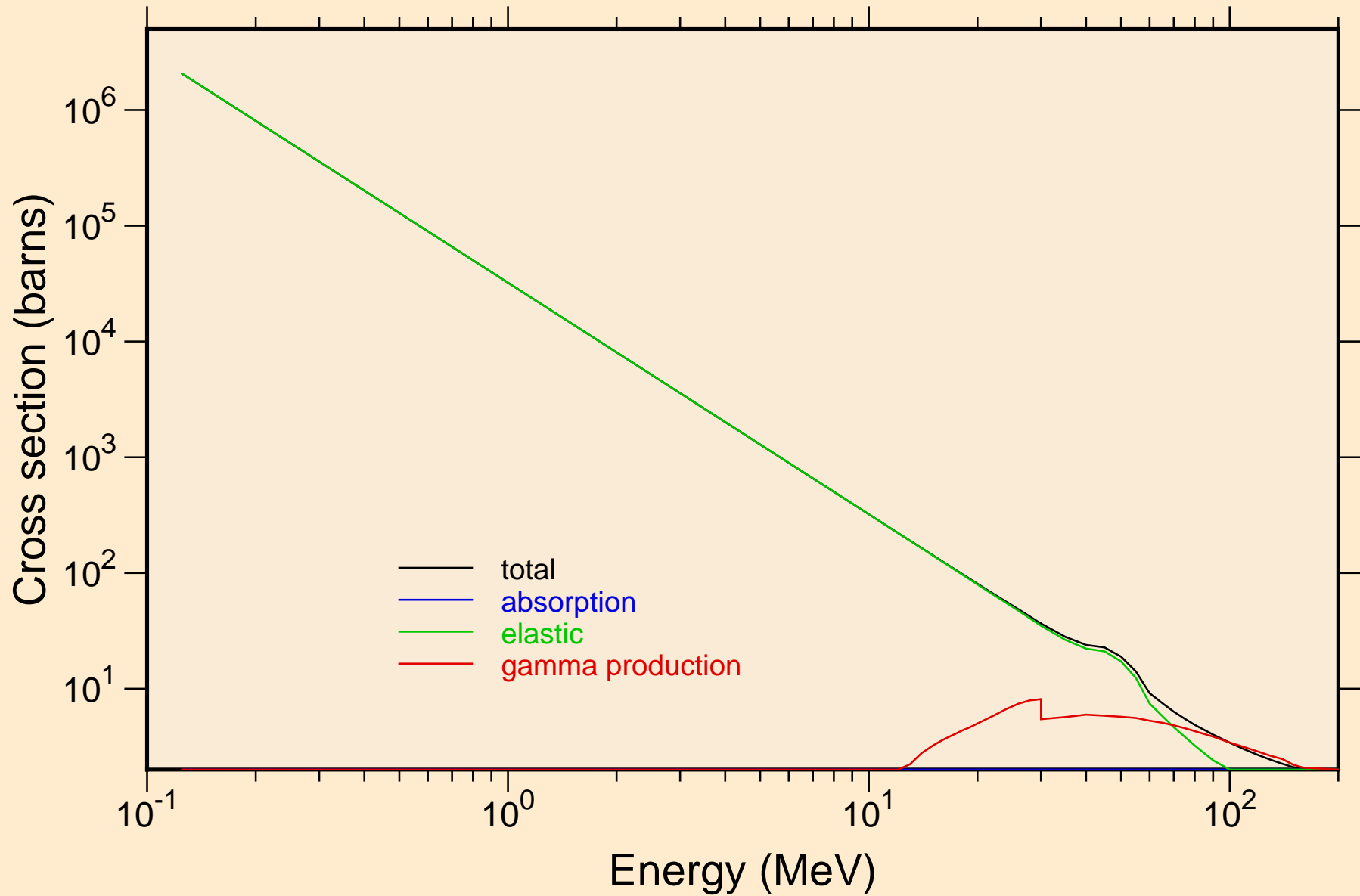
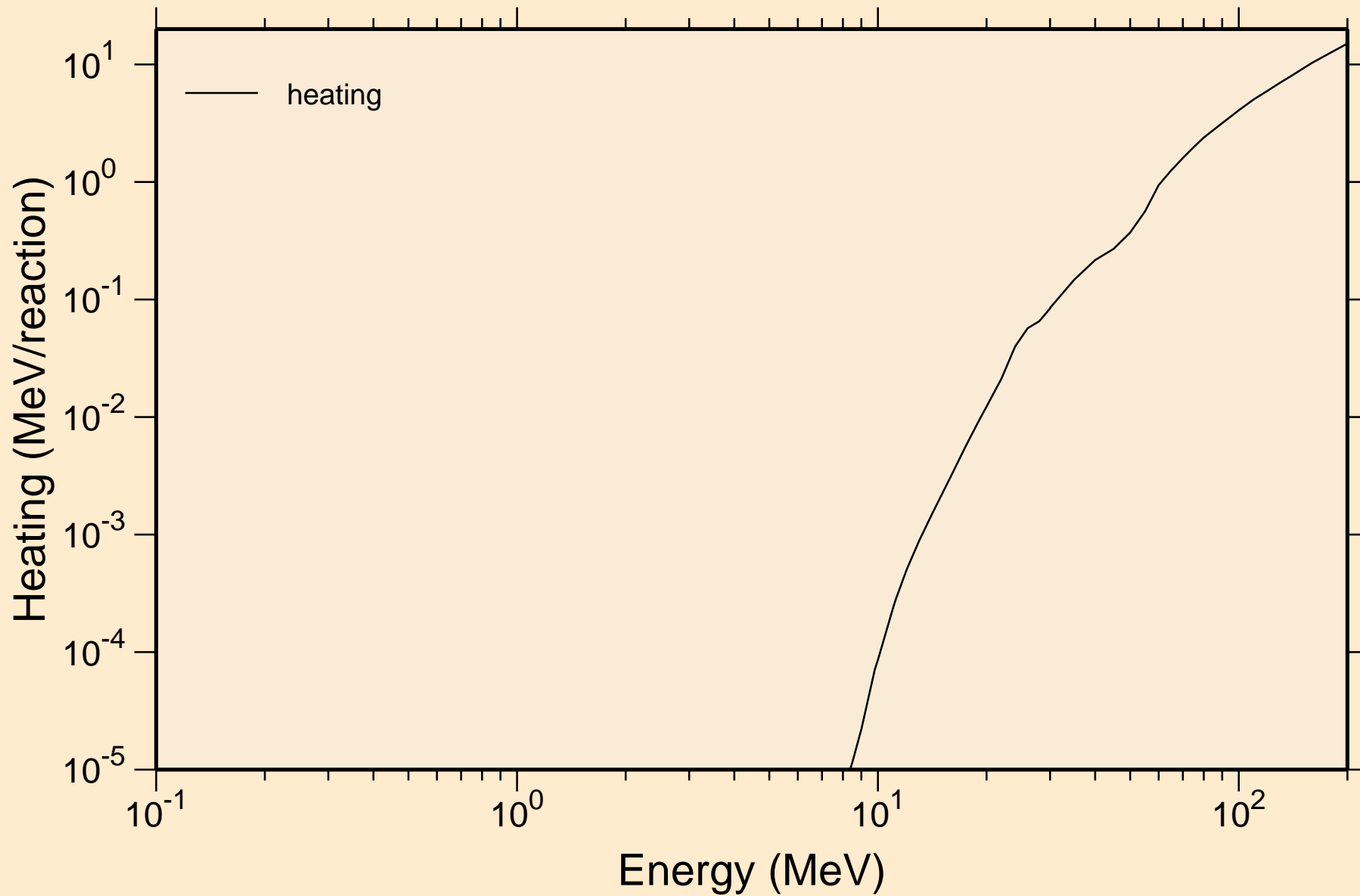


# HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

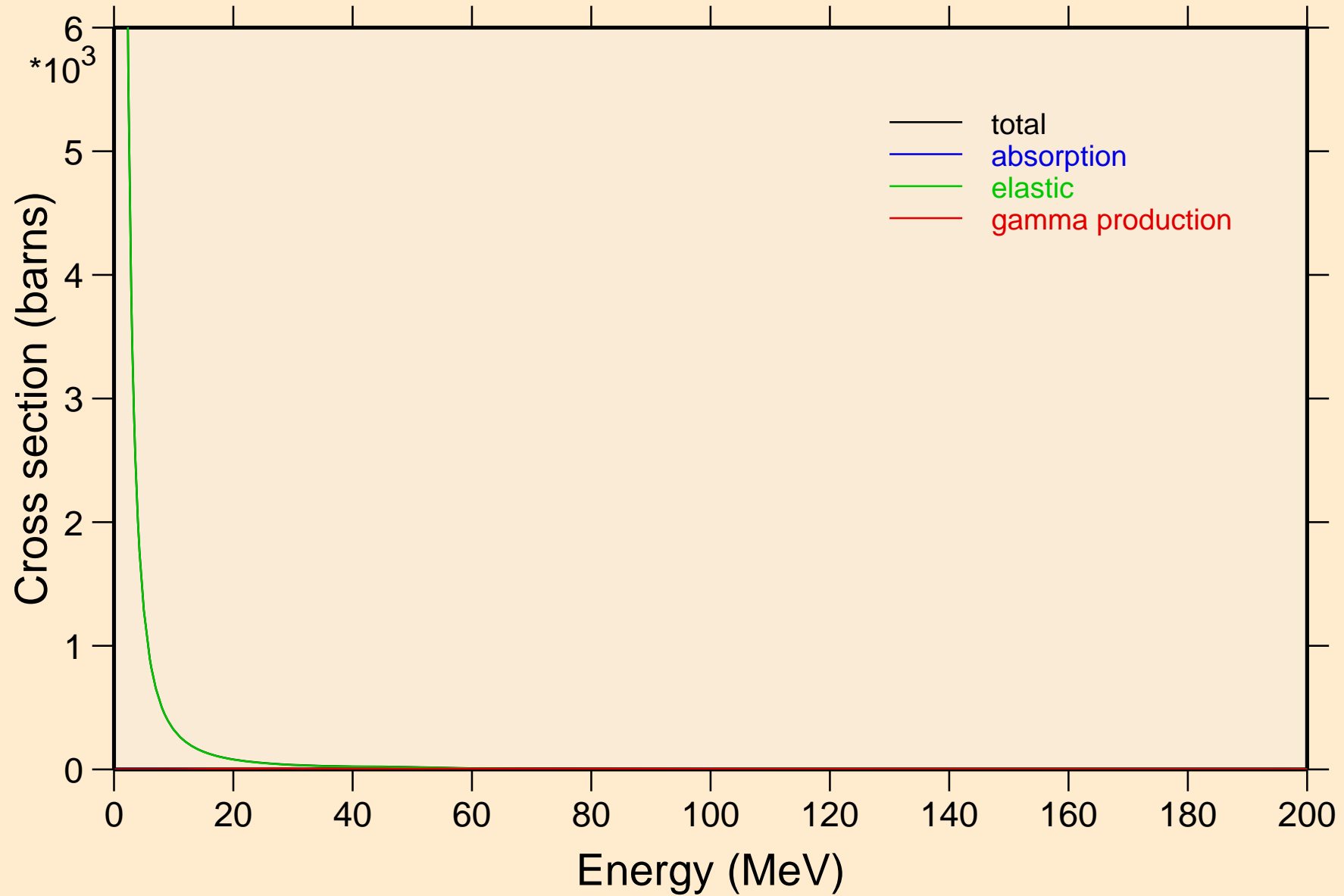


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



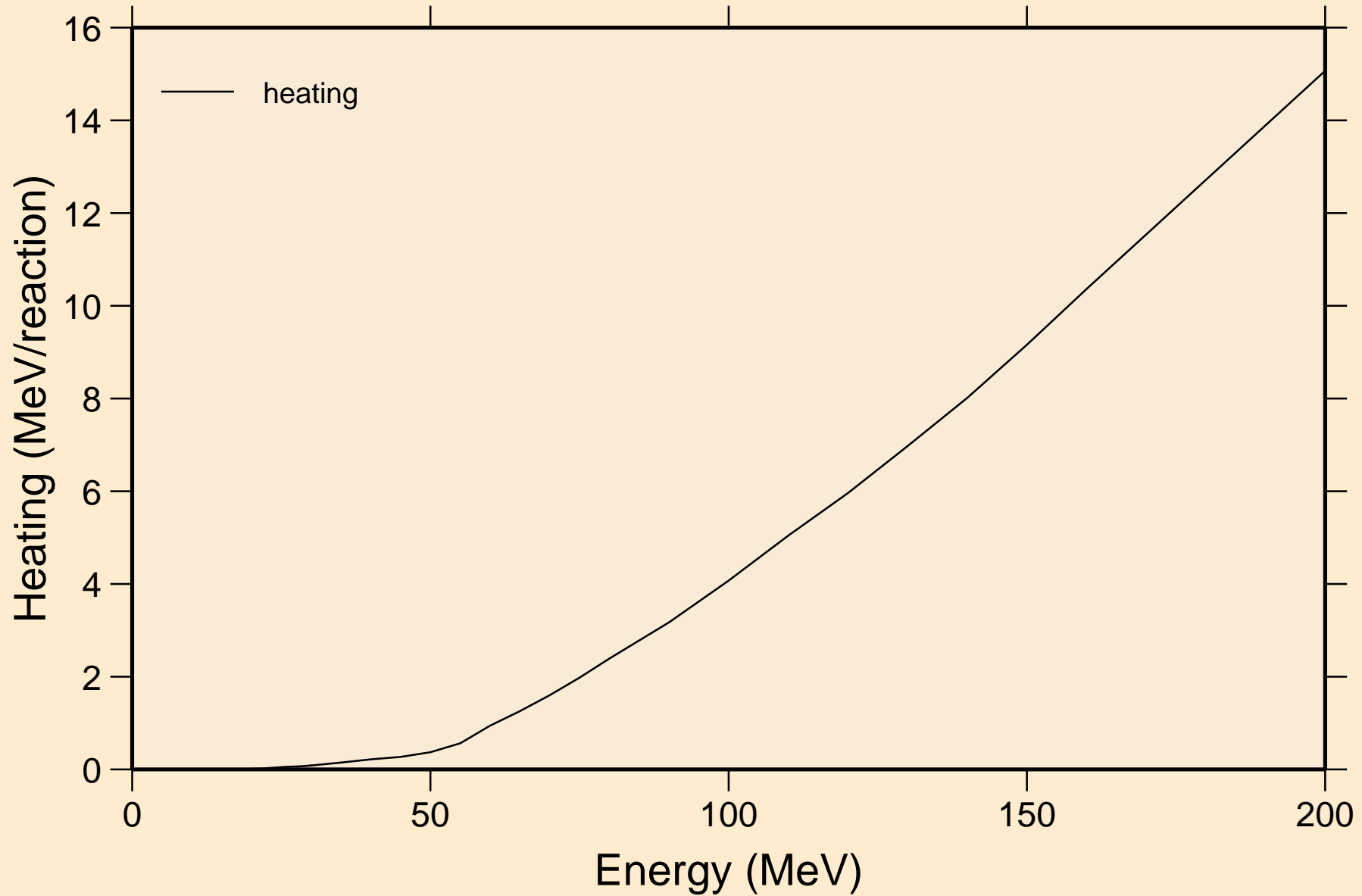
# HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



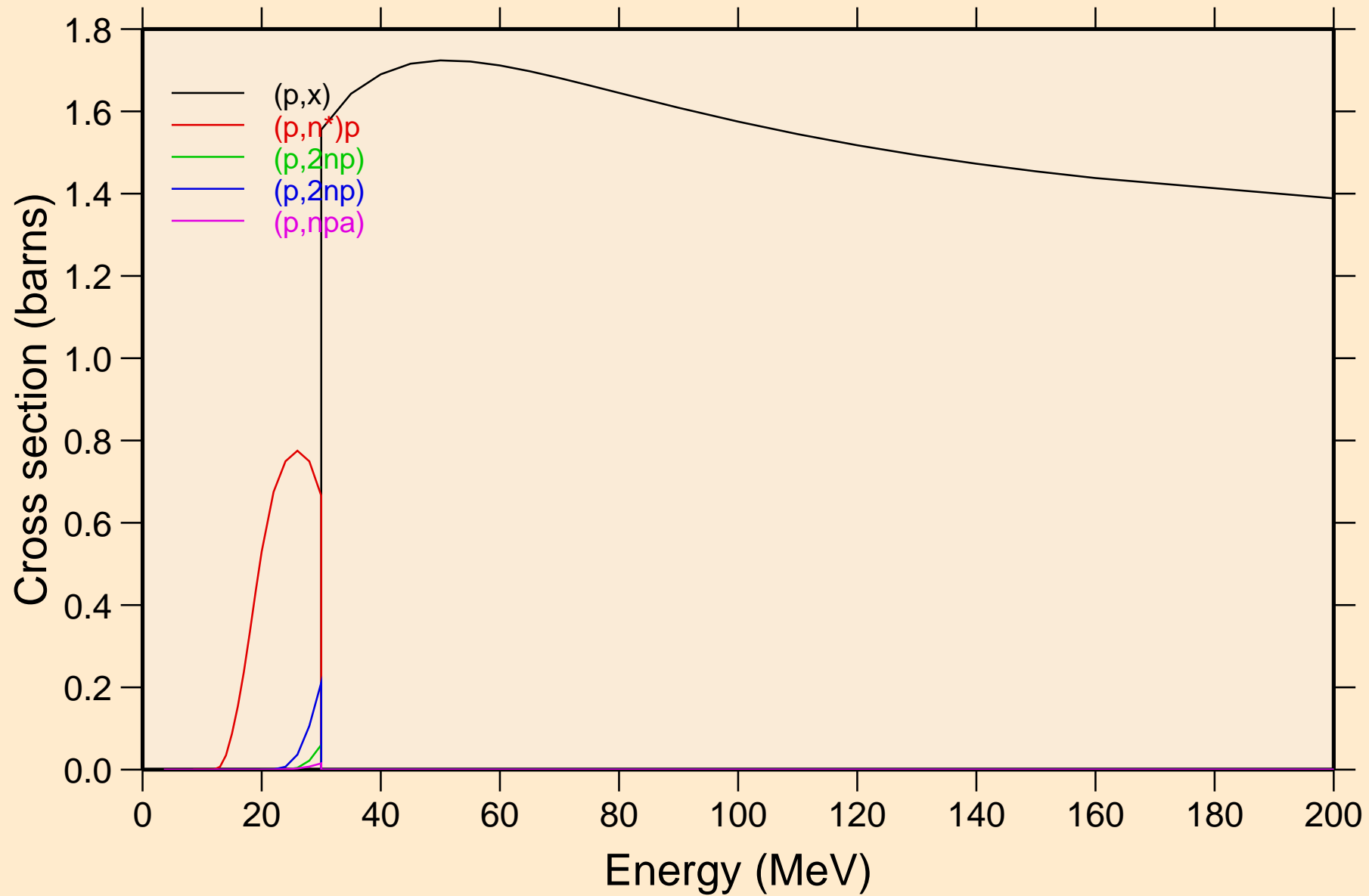
# HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



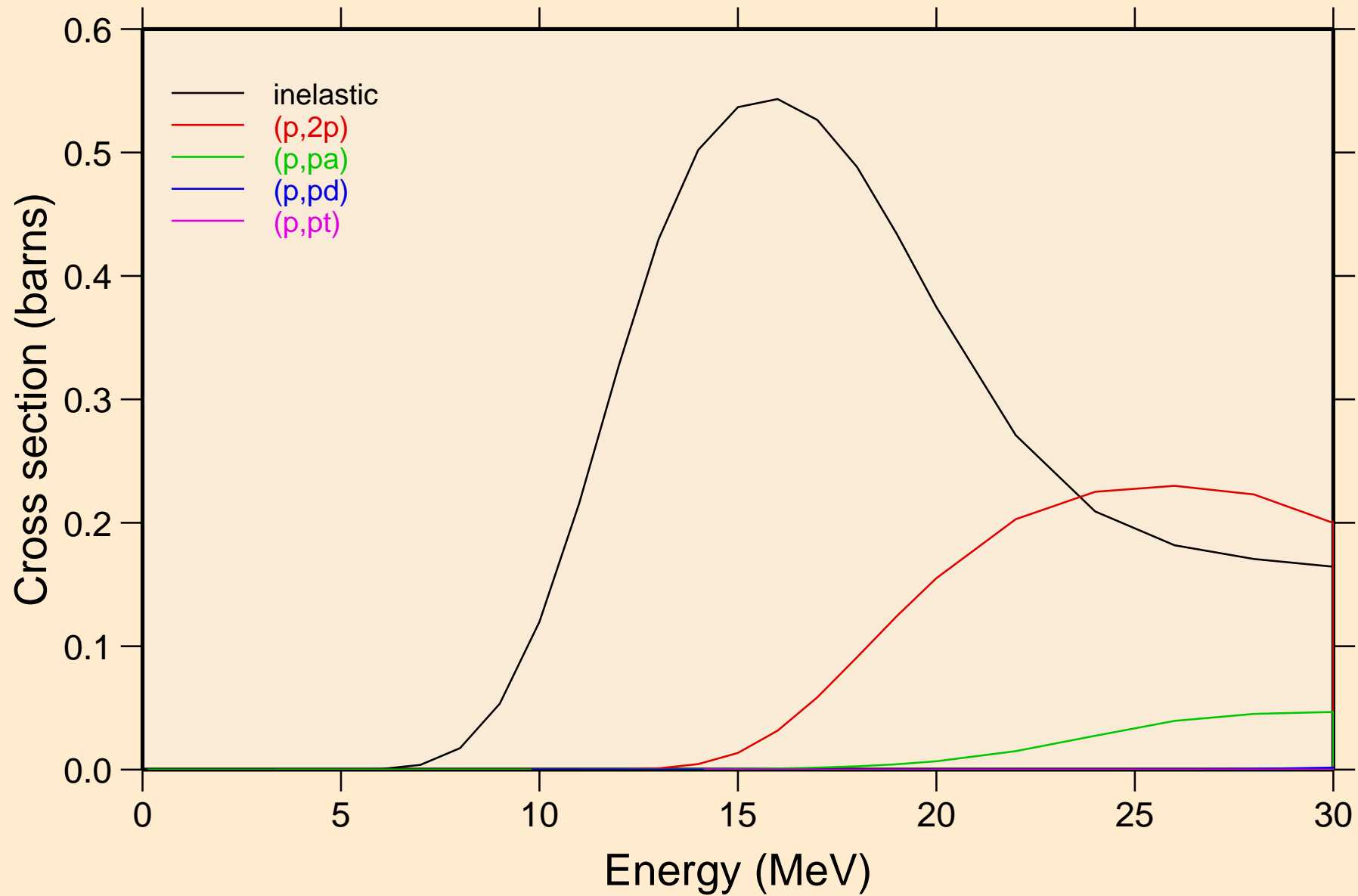
# HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

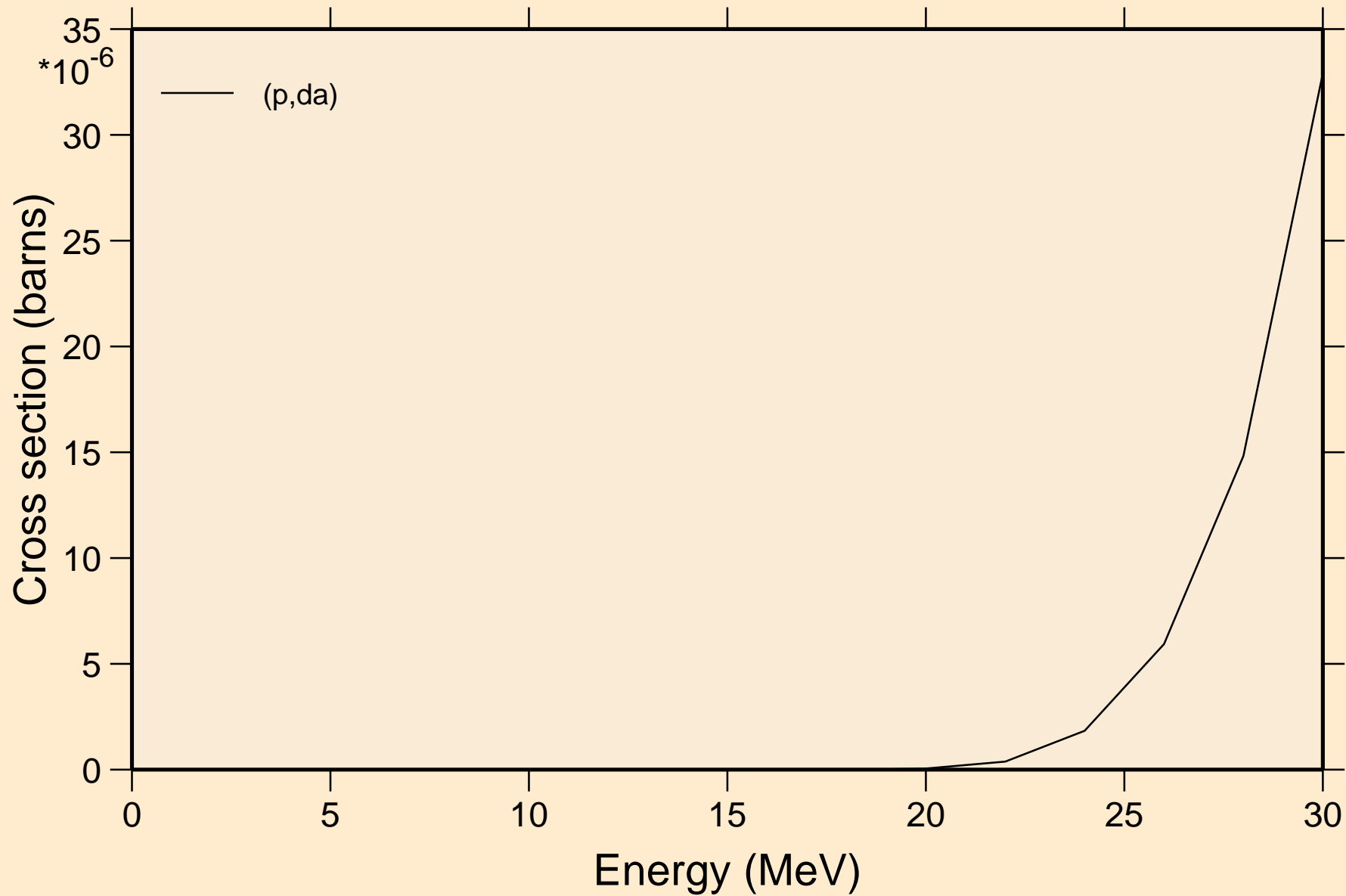


# HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K

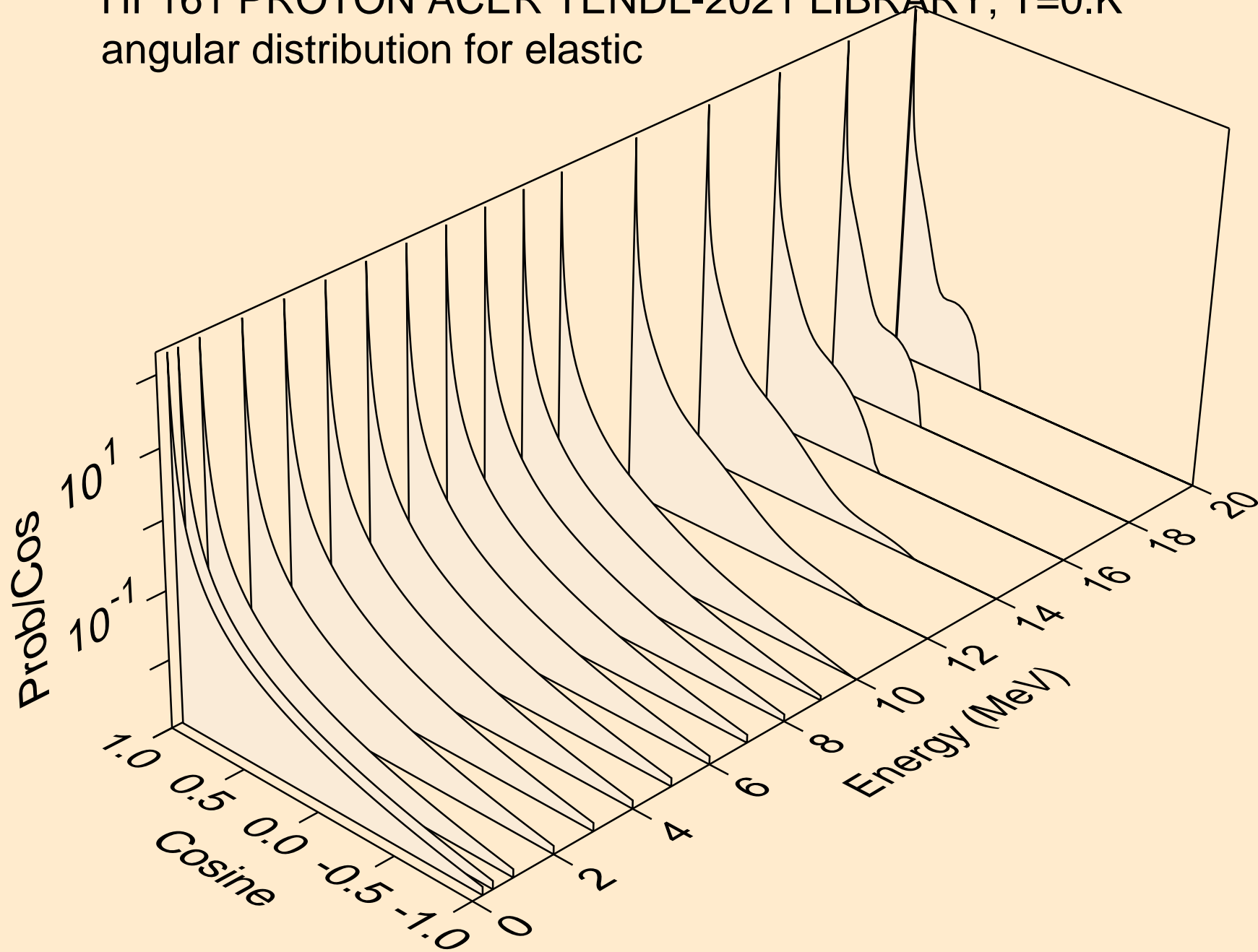
## Threshold reactions



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

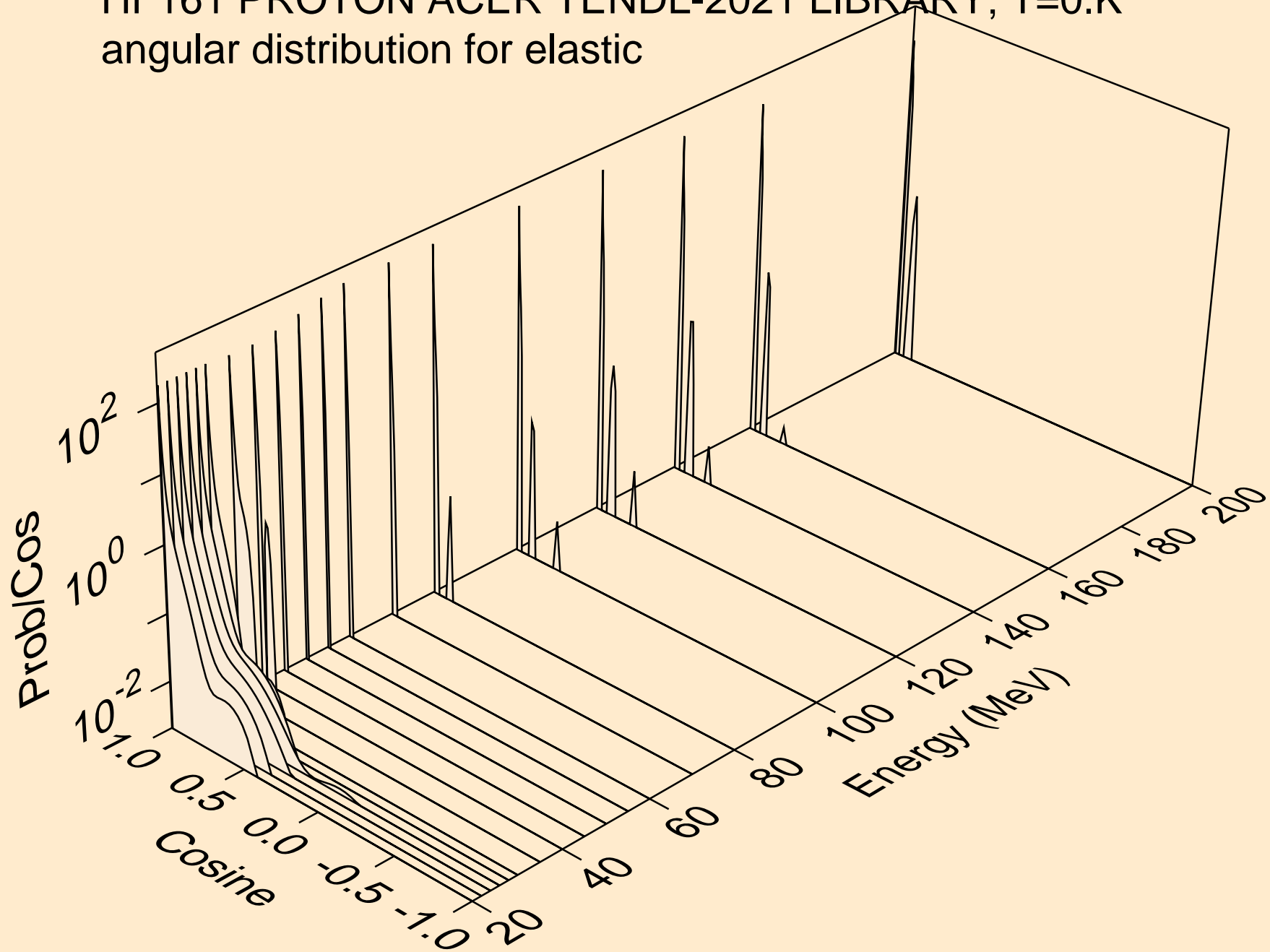


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

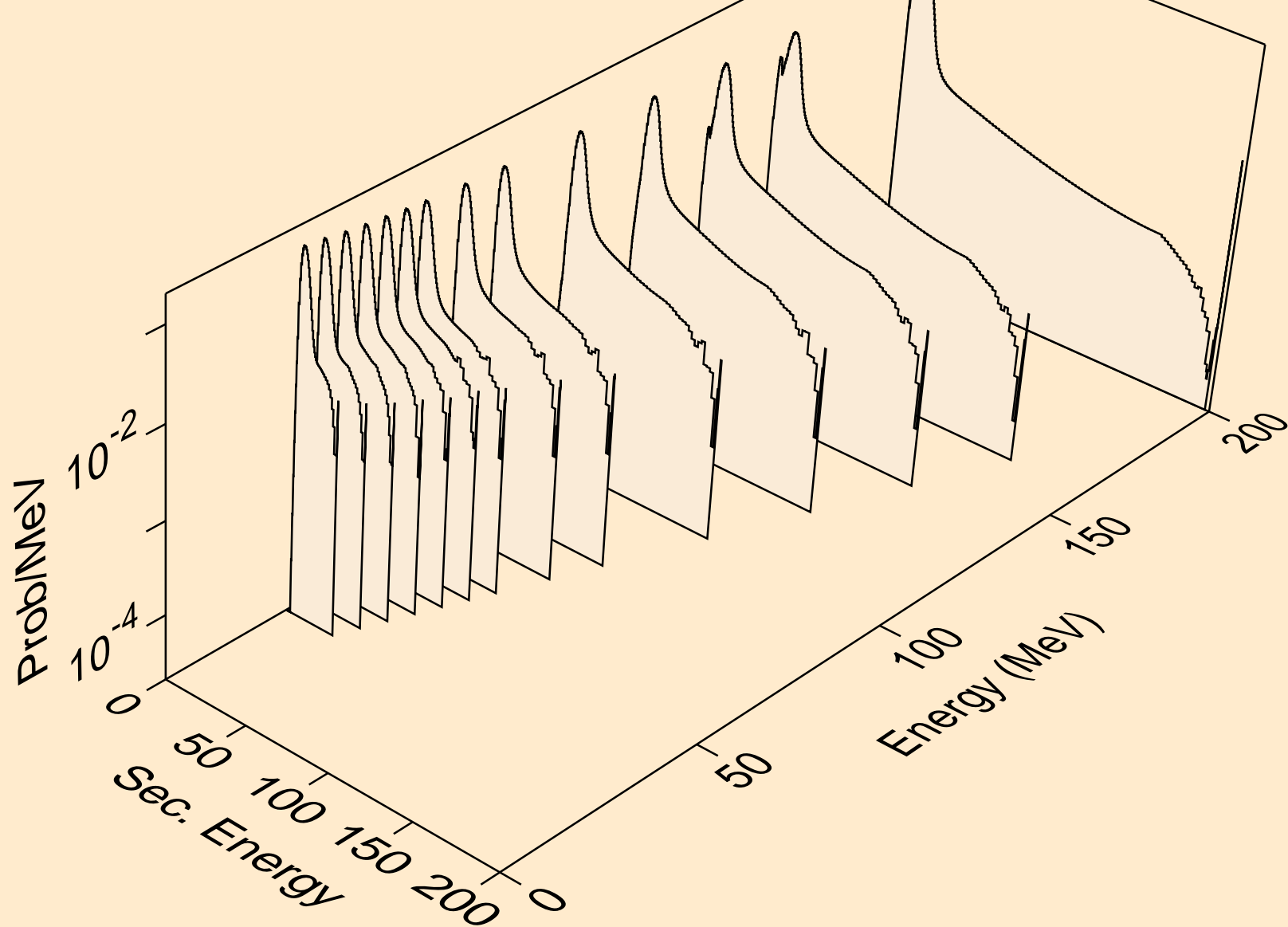




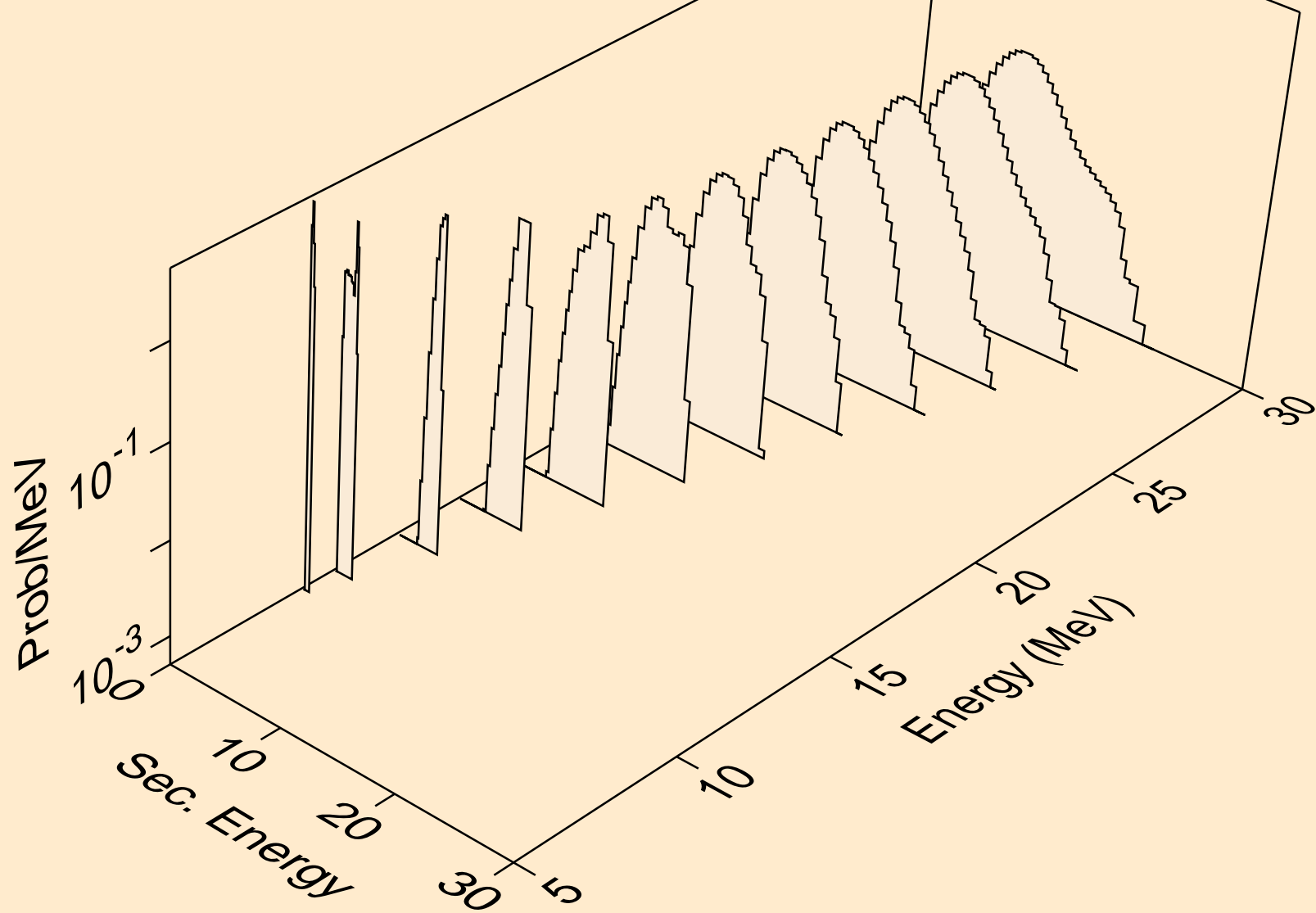
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



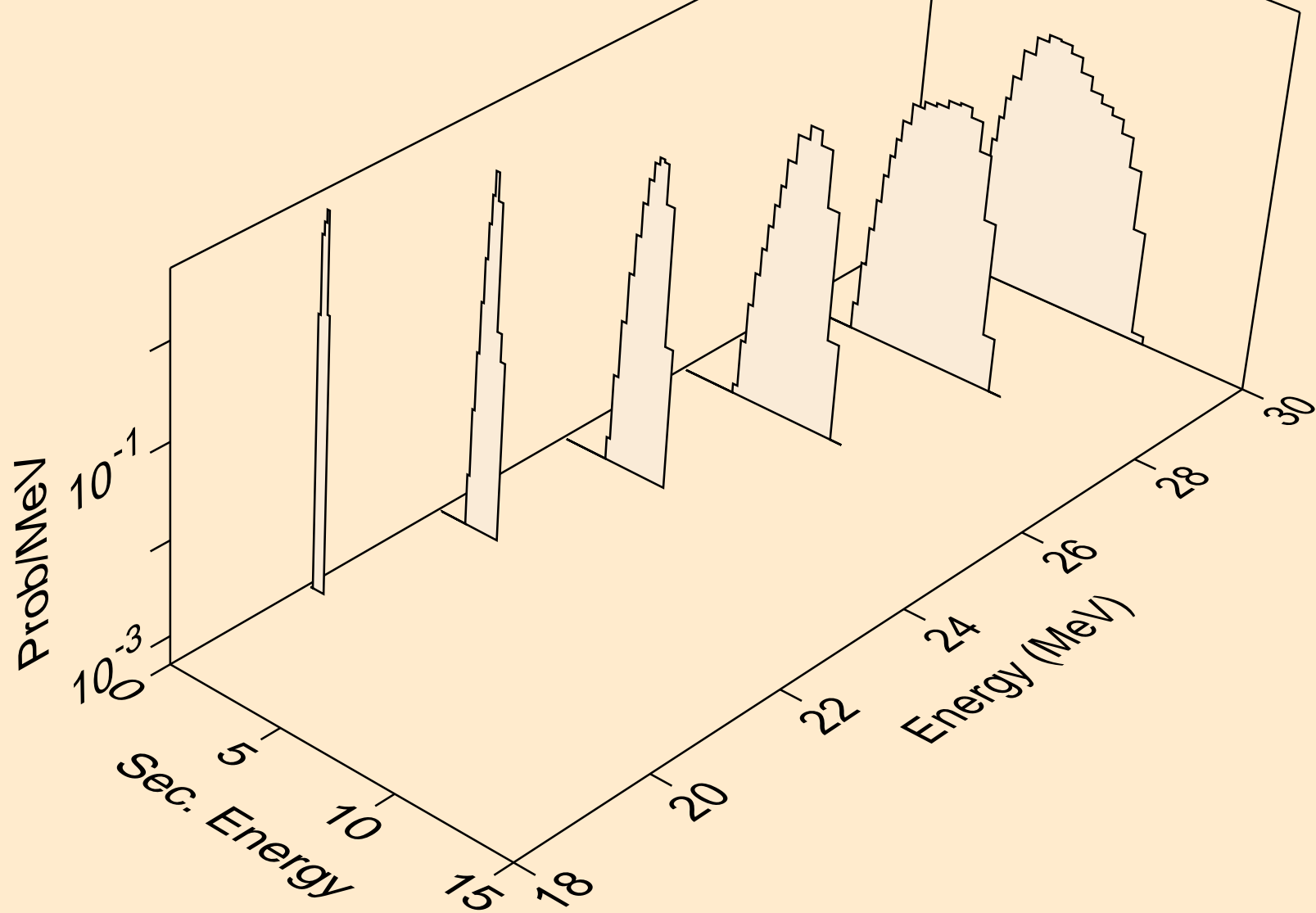
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



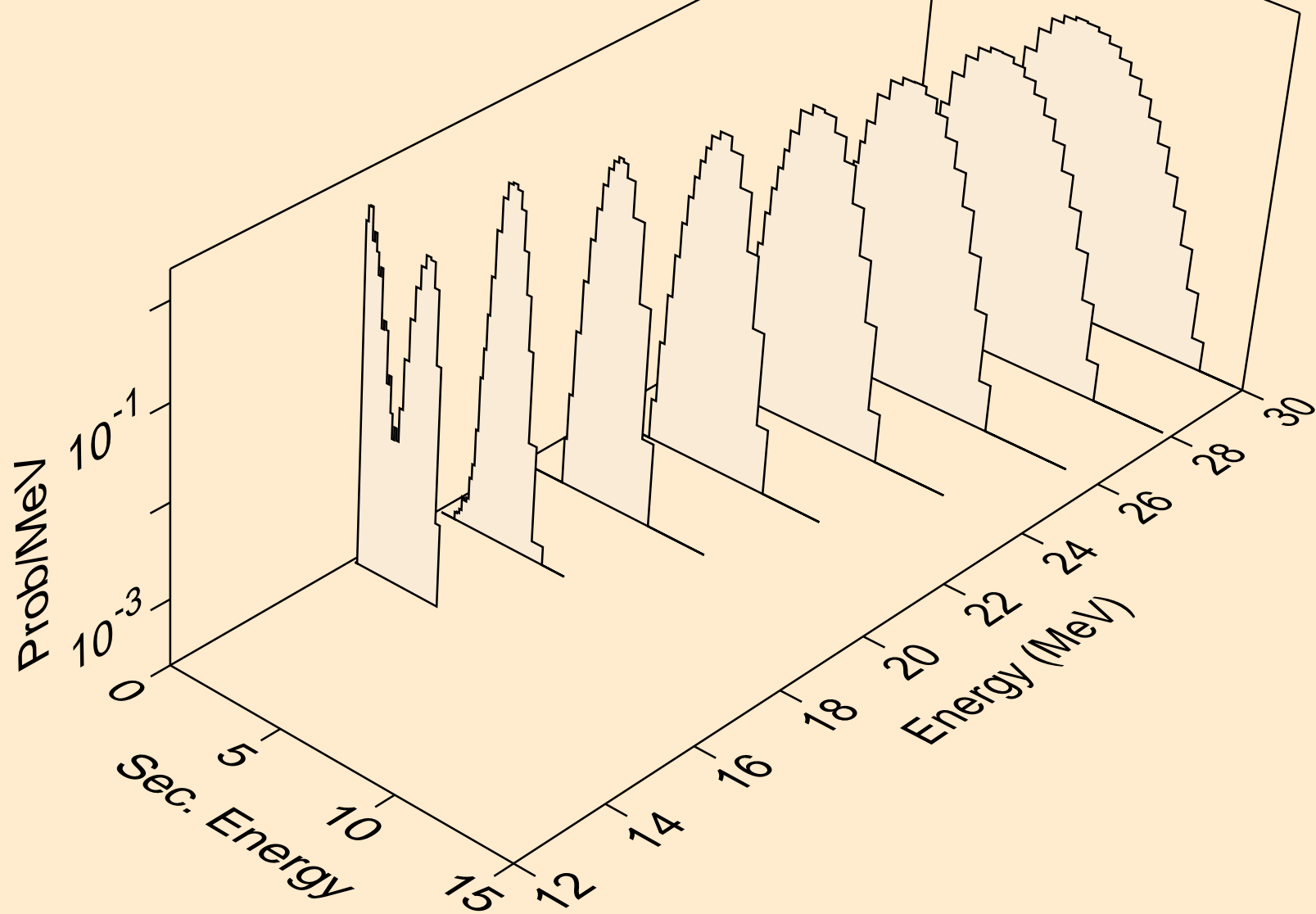
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



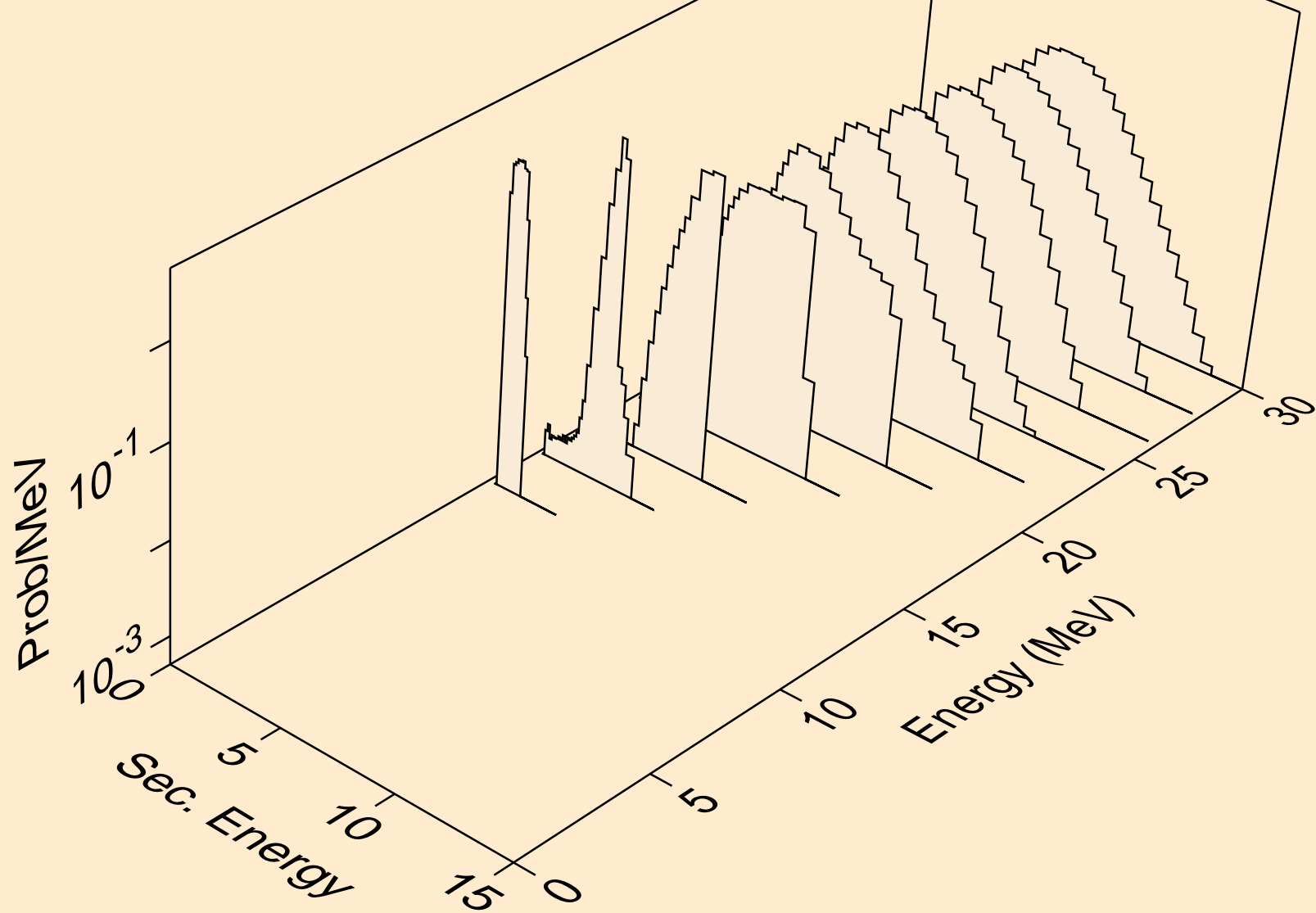
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



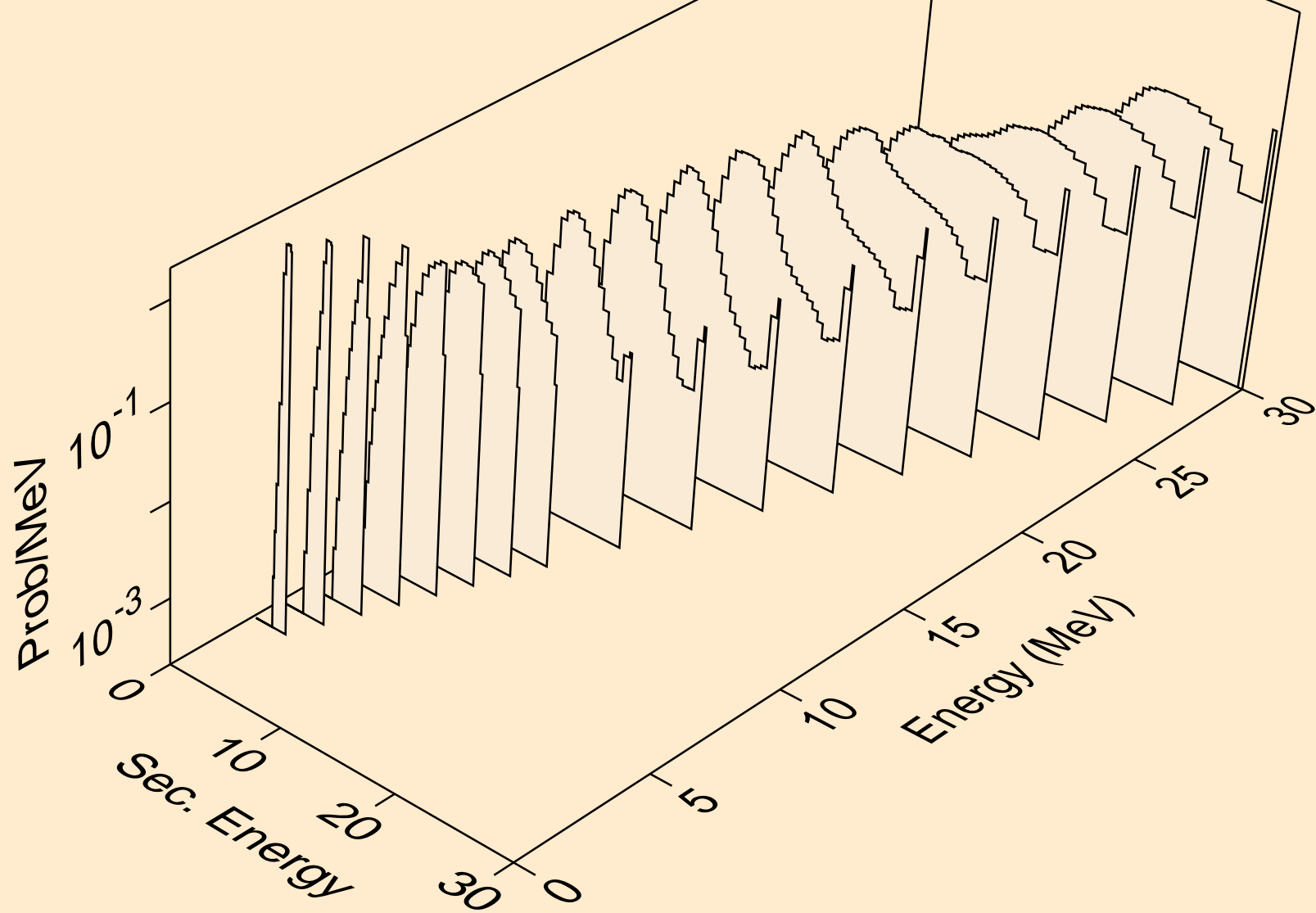
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



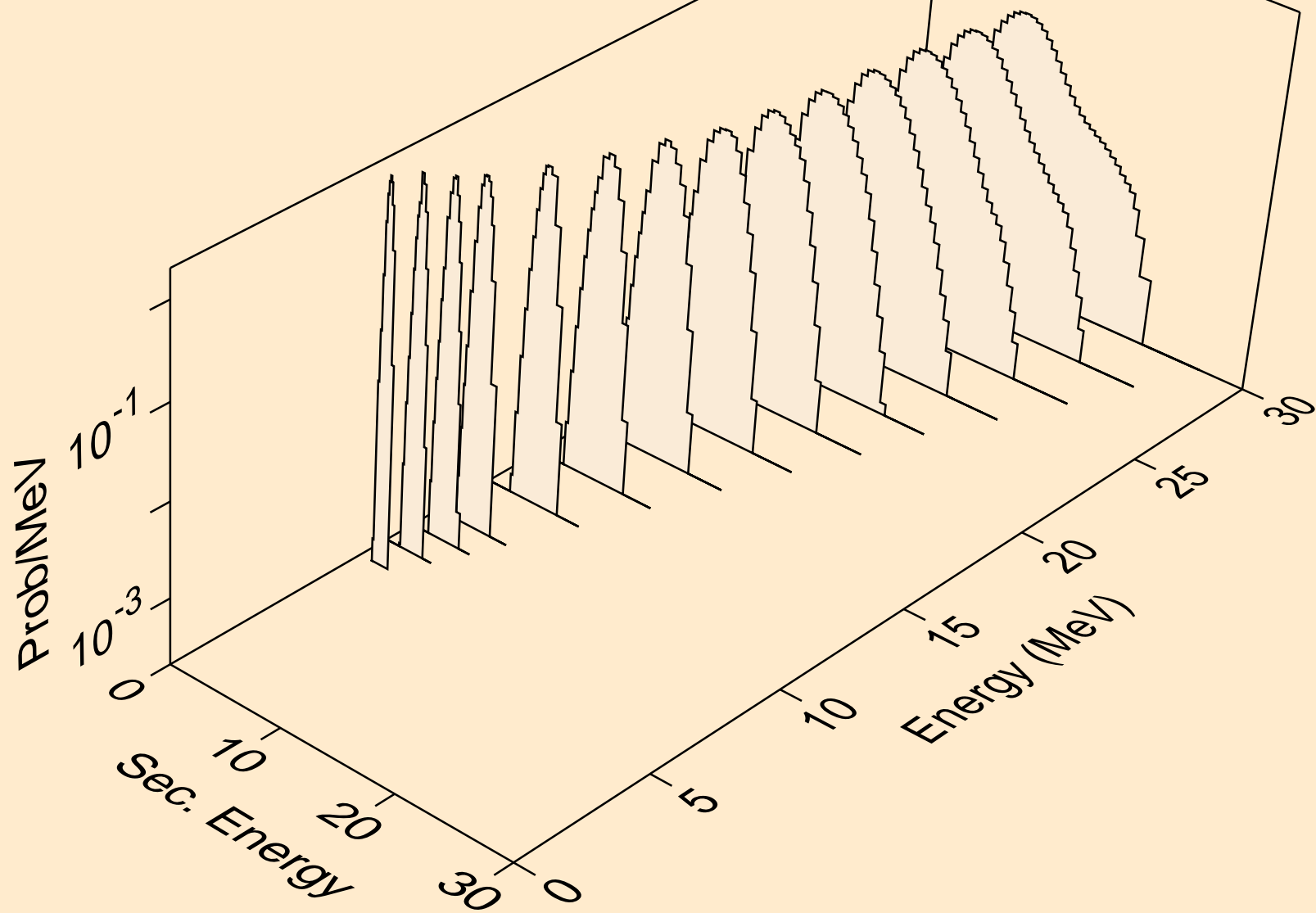
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

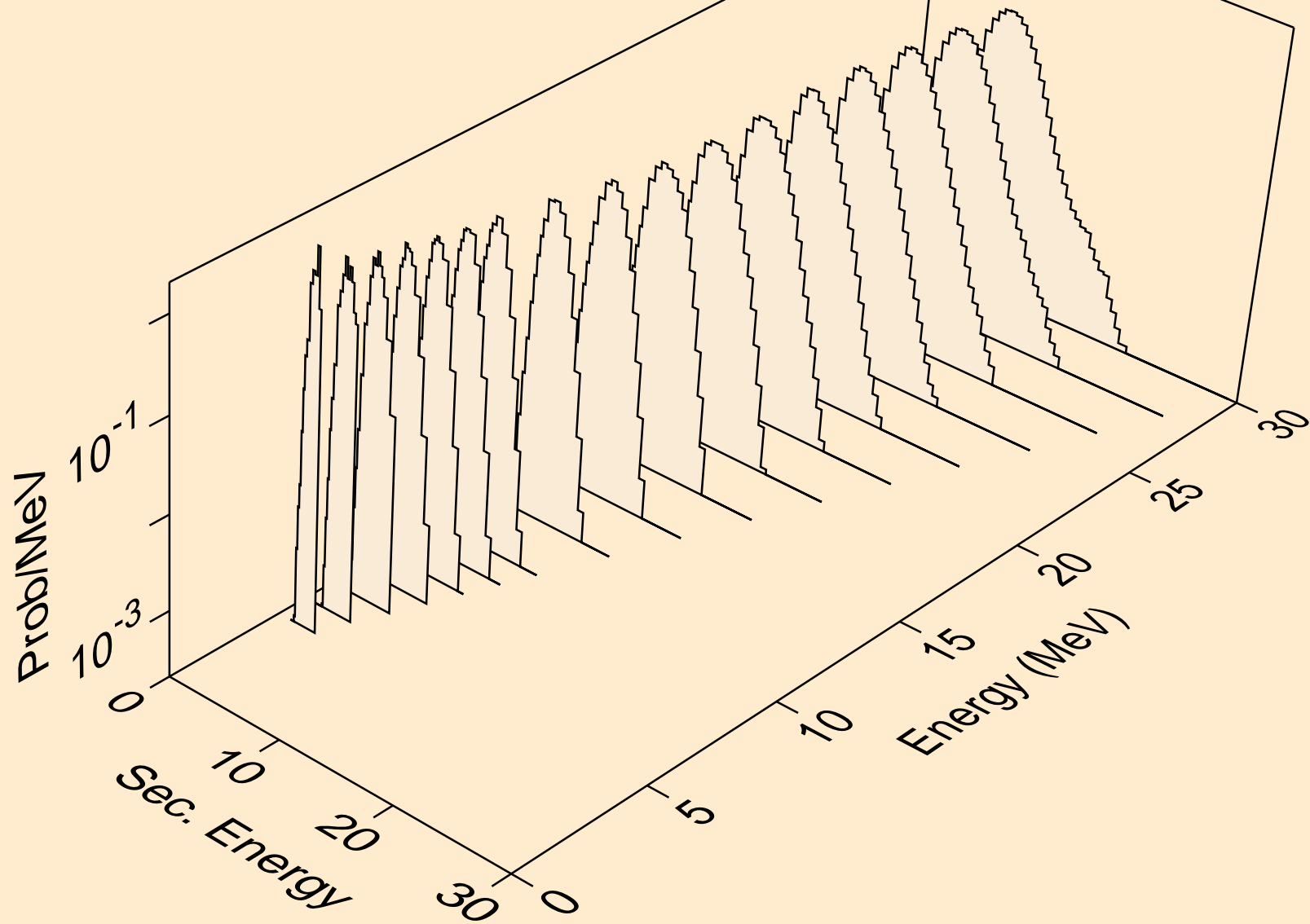


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

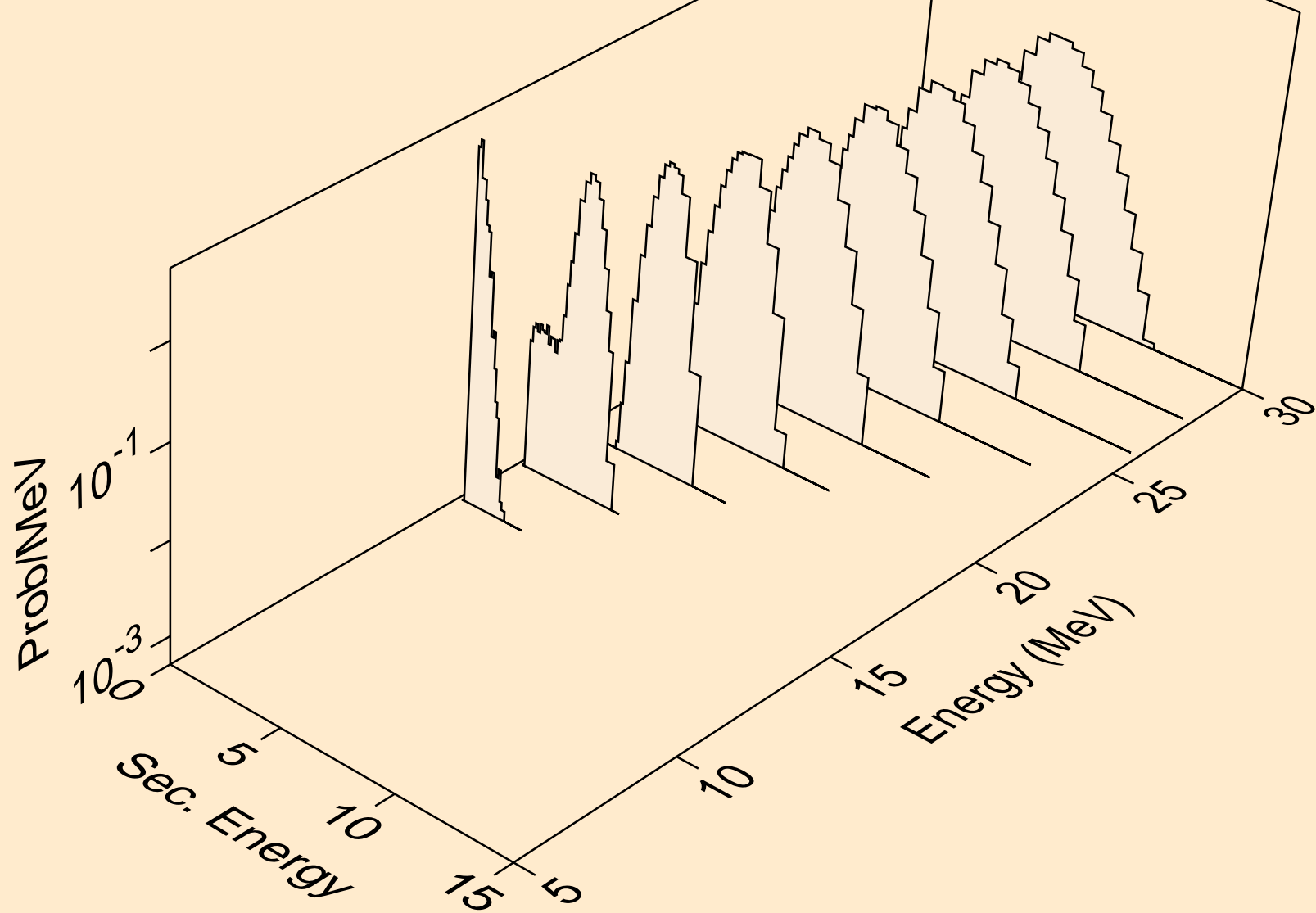




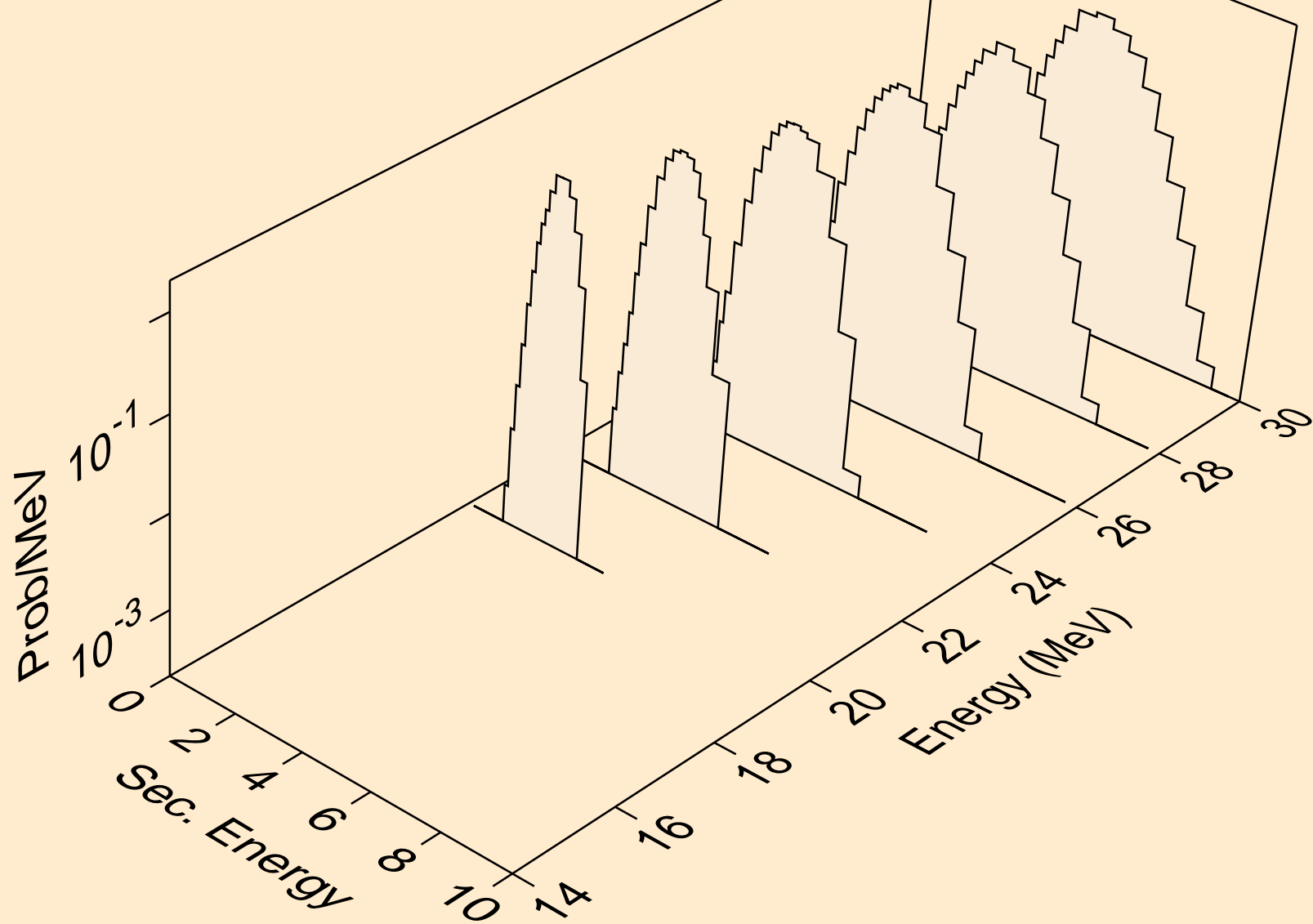
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



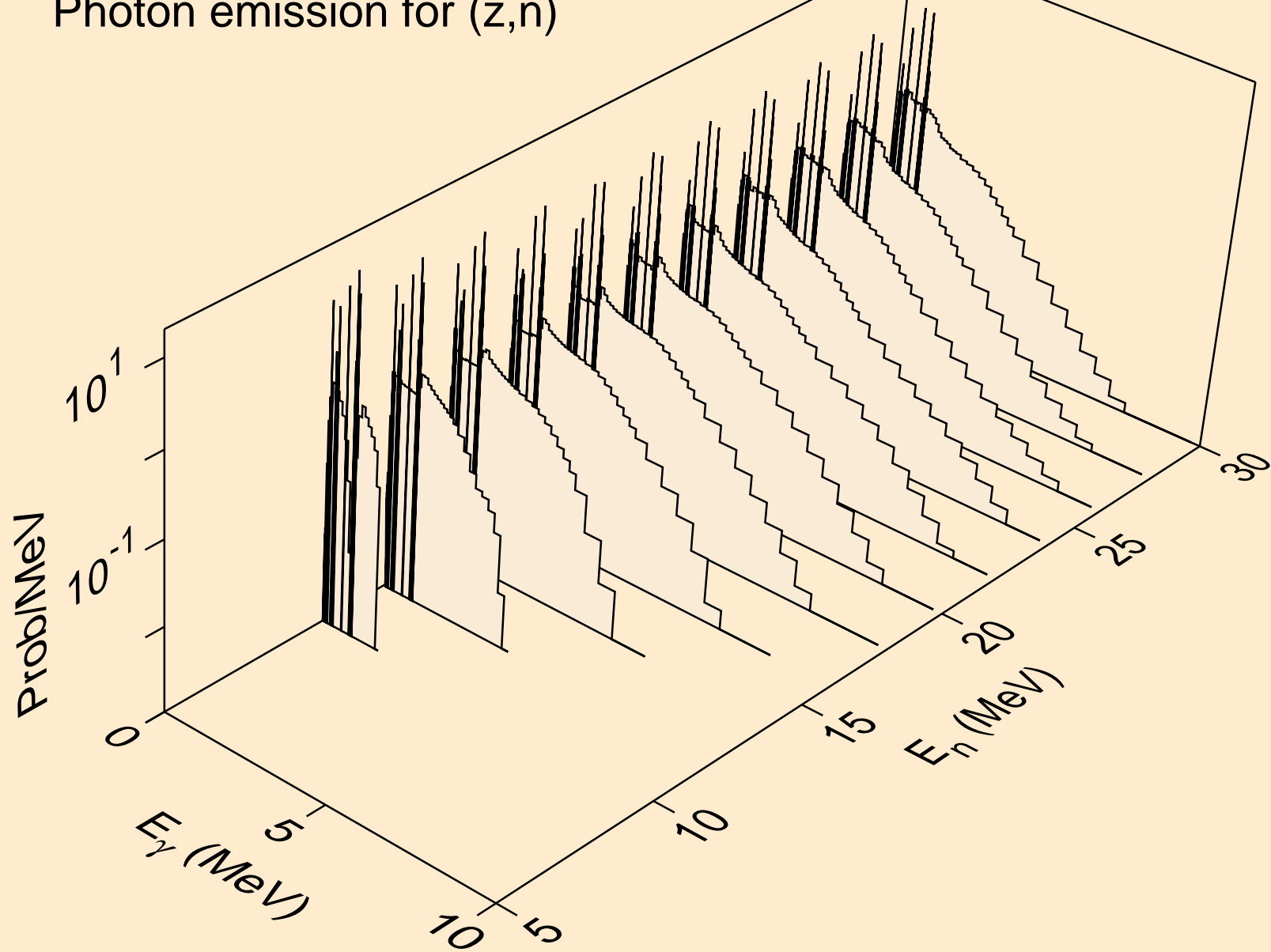
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



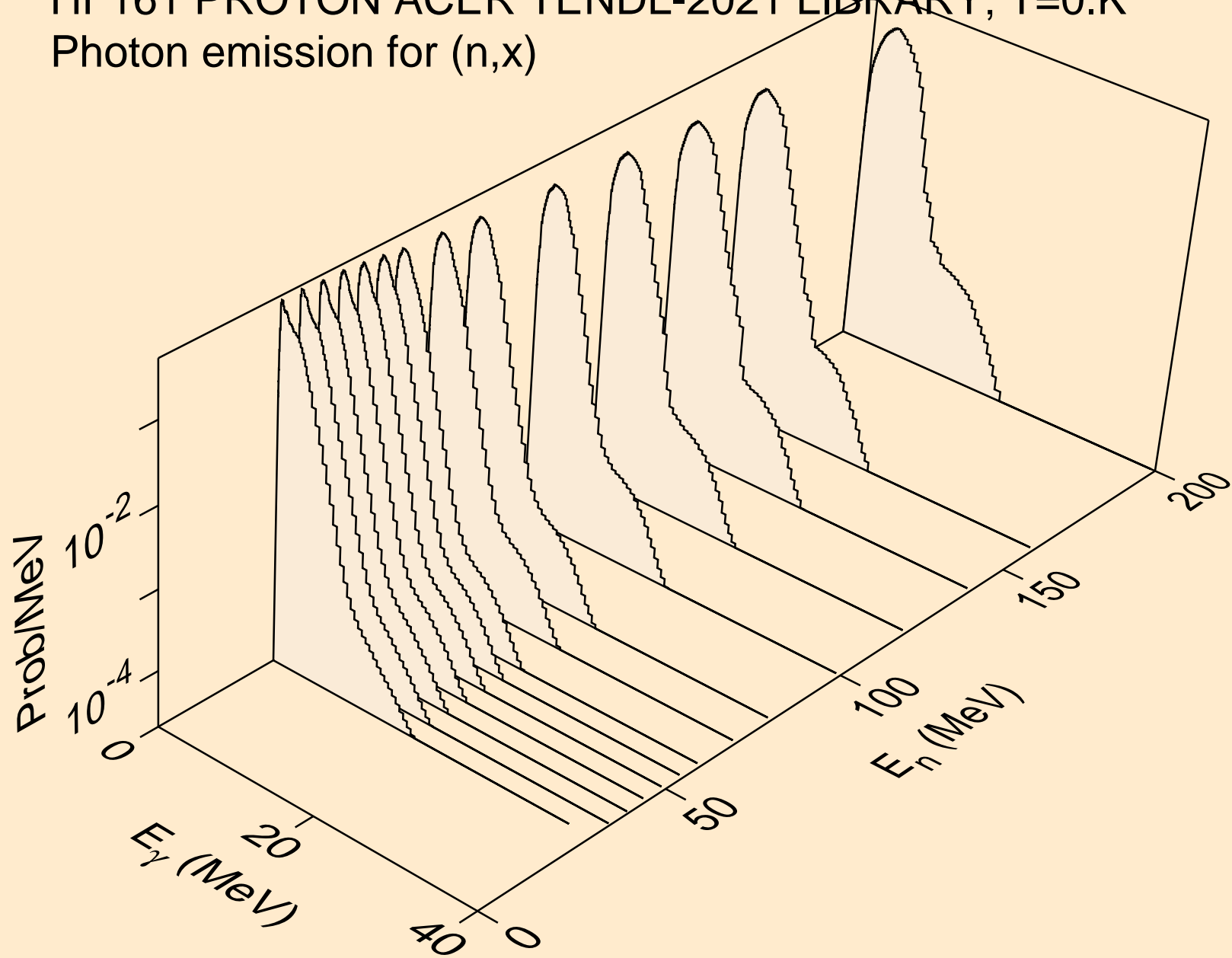
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



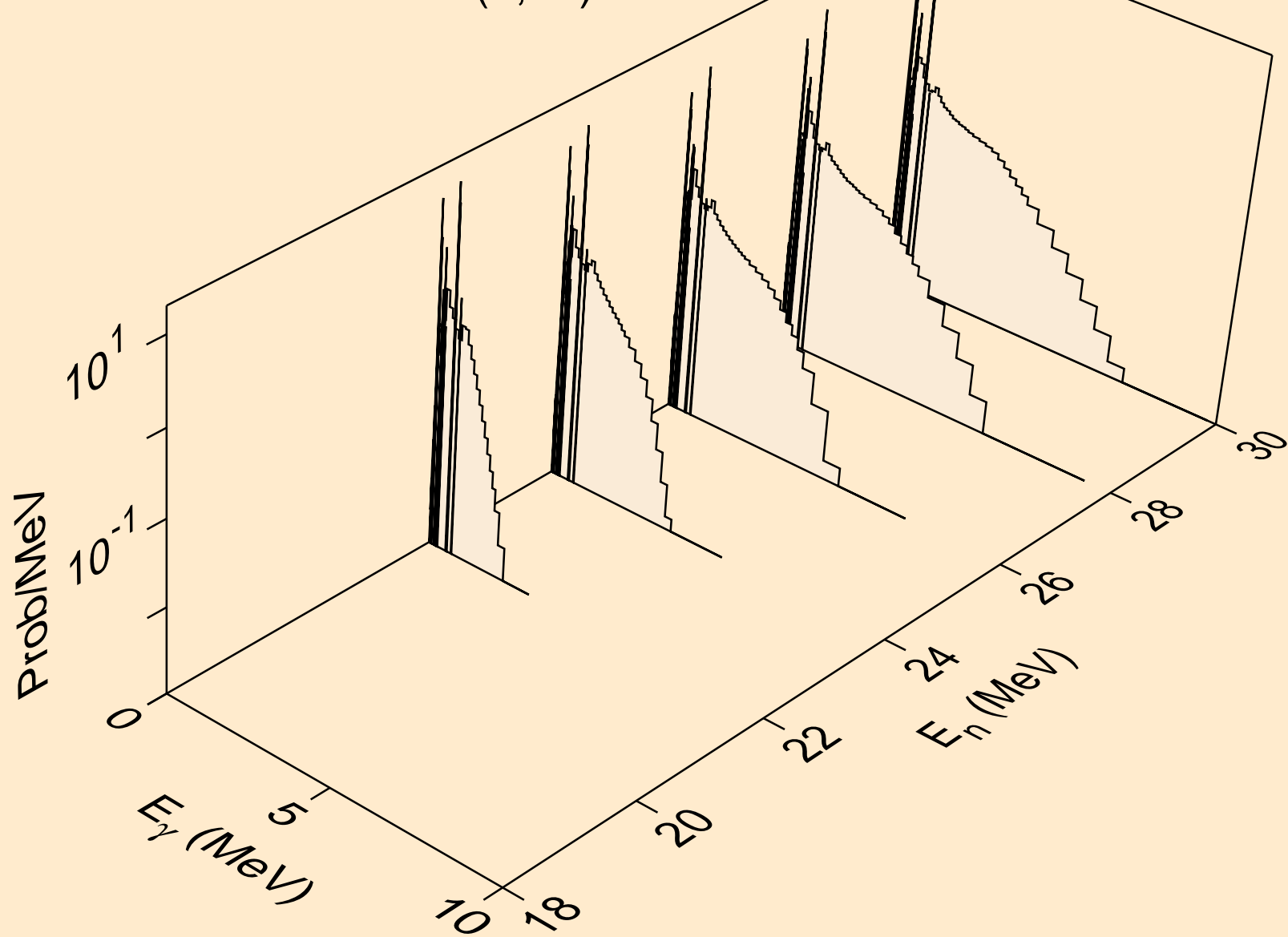
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



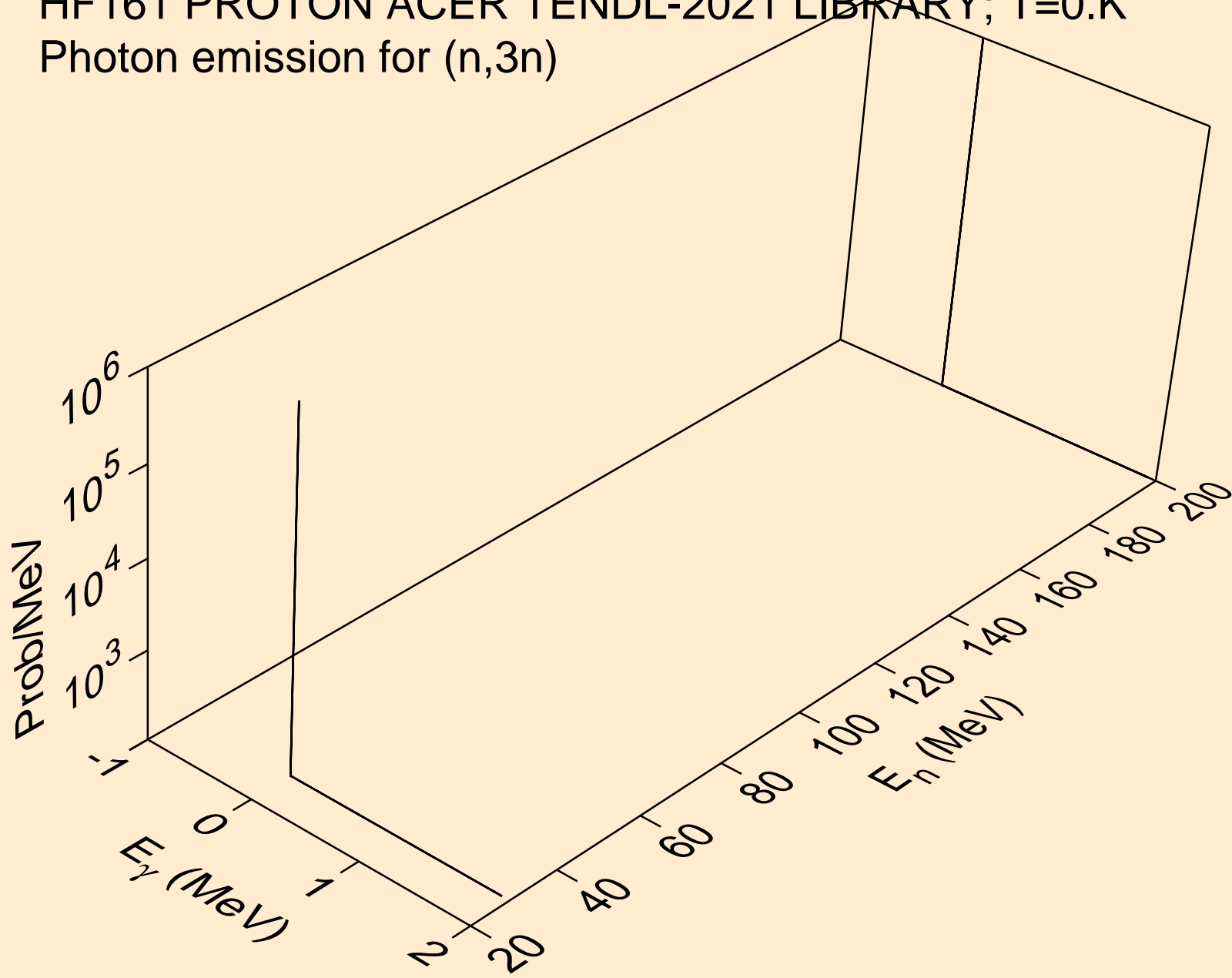
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



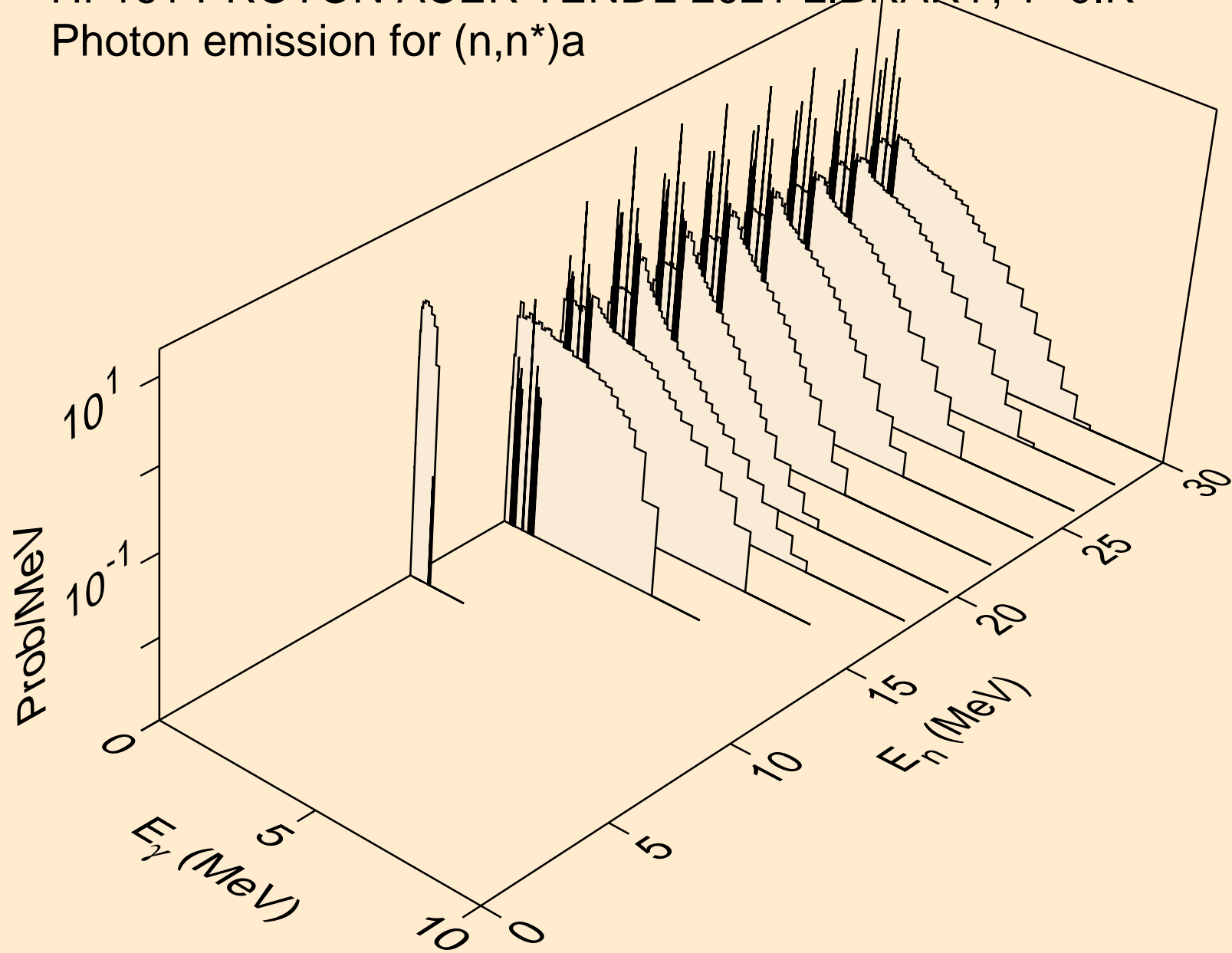
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

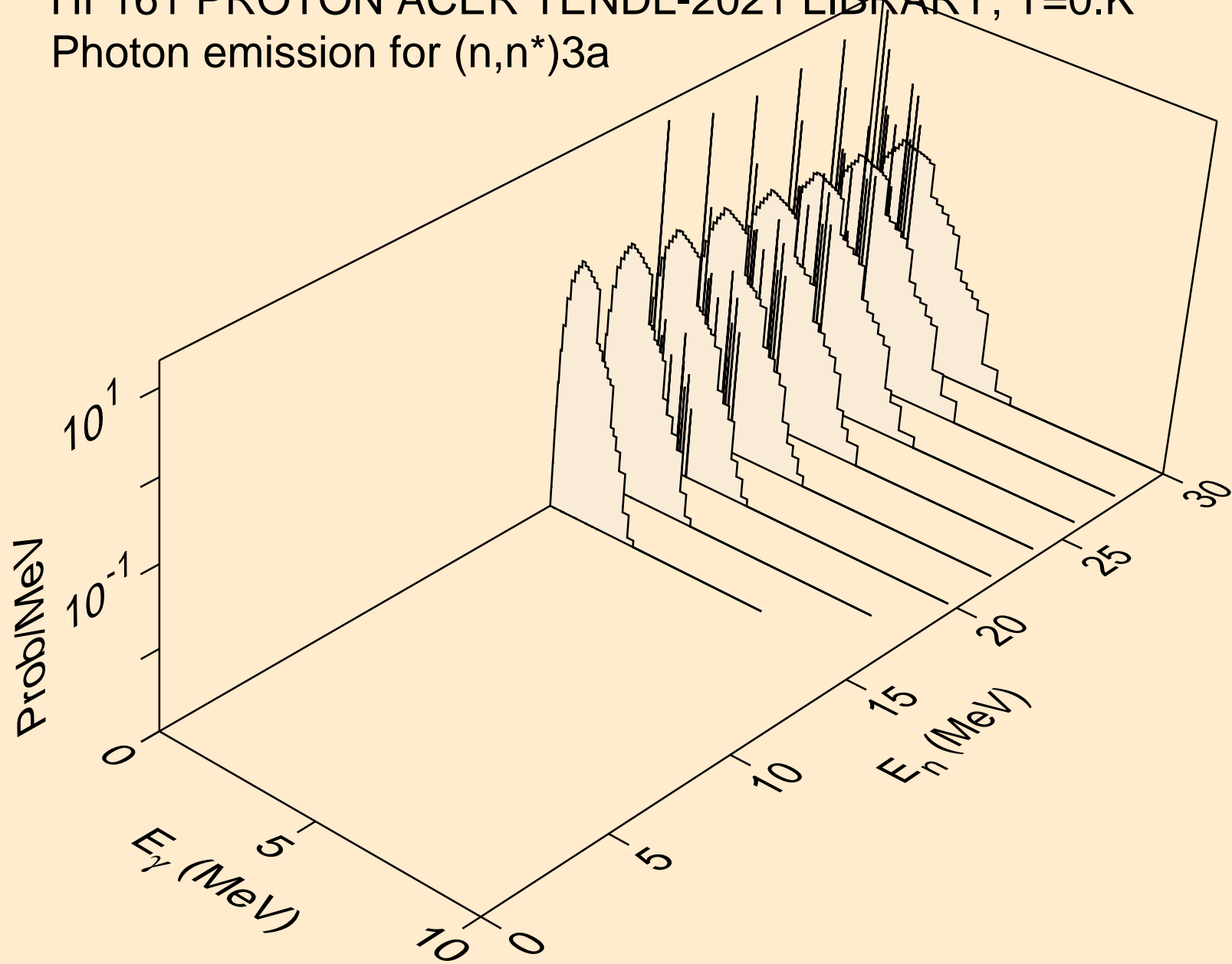


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

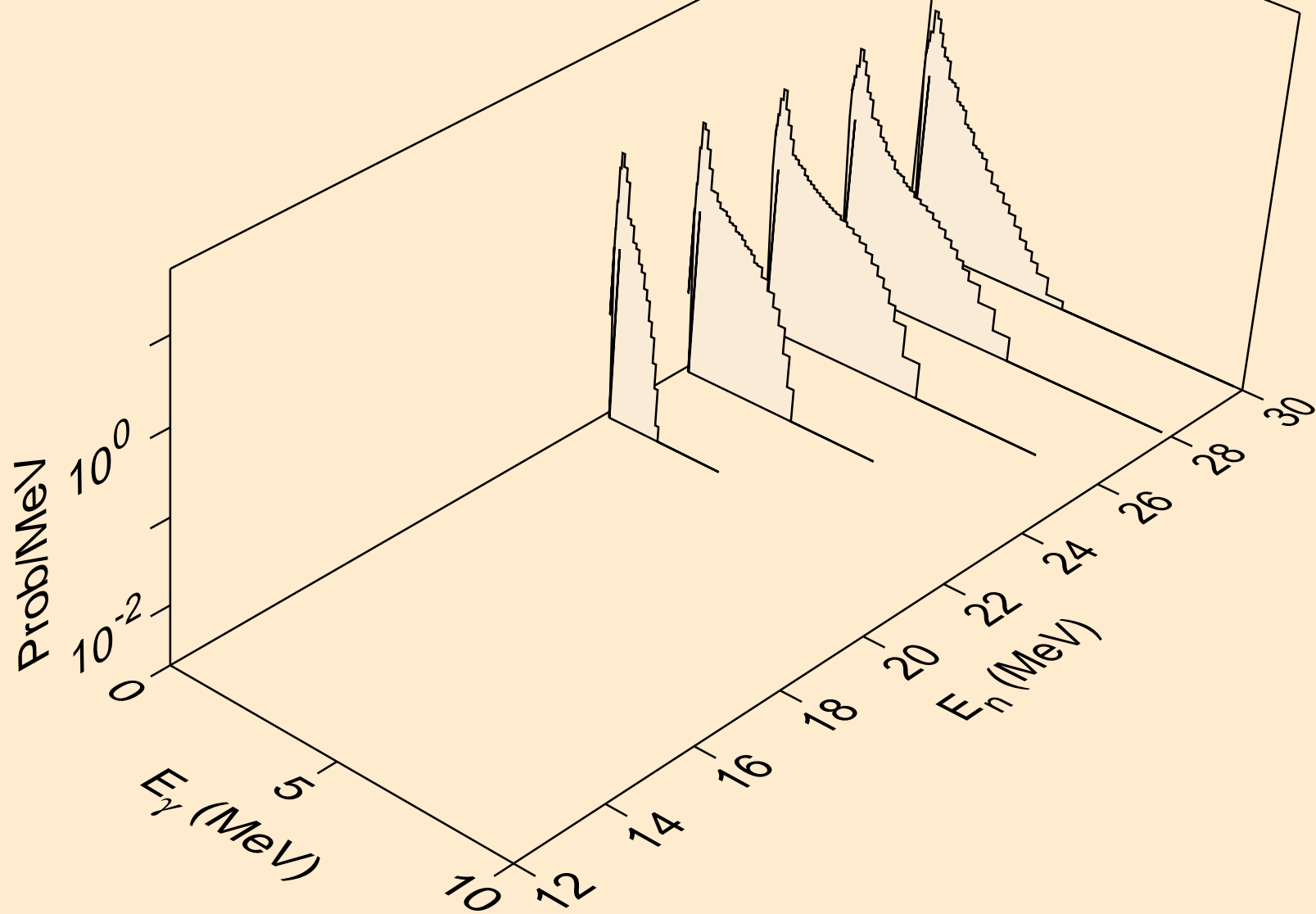




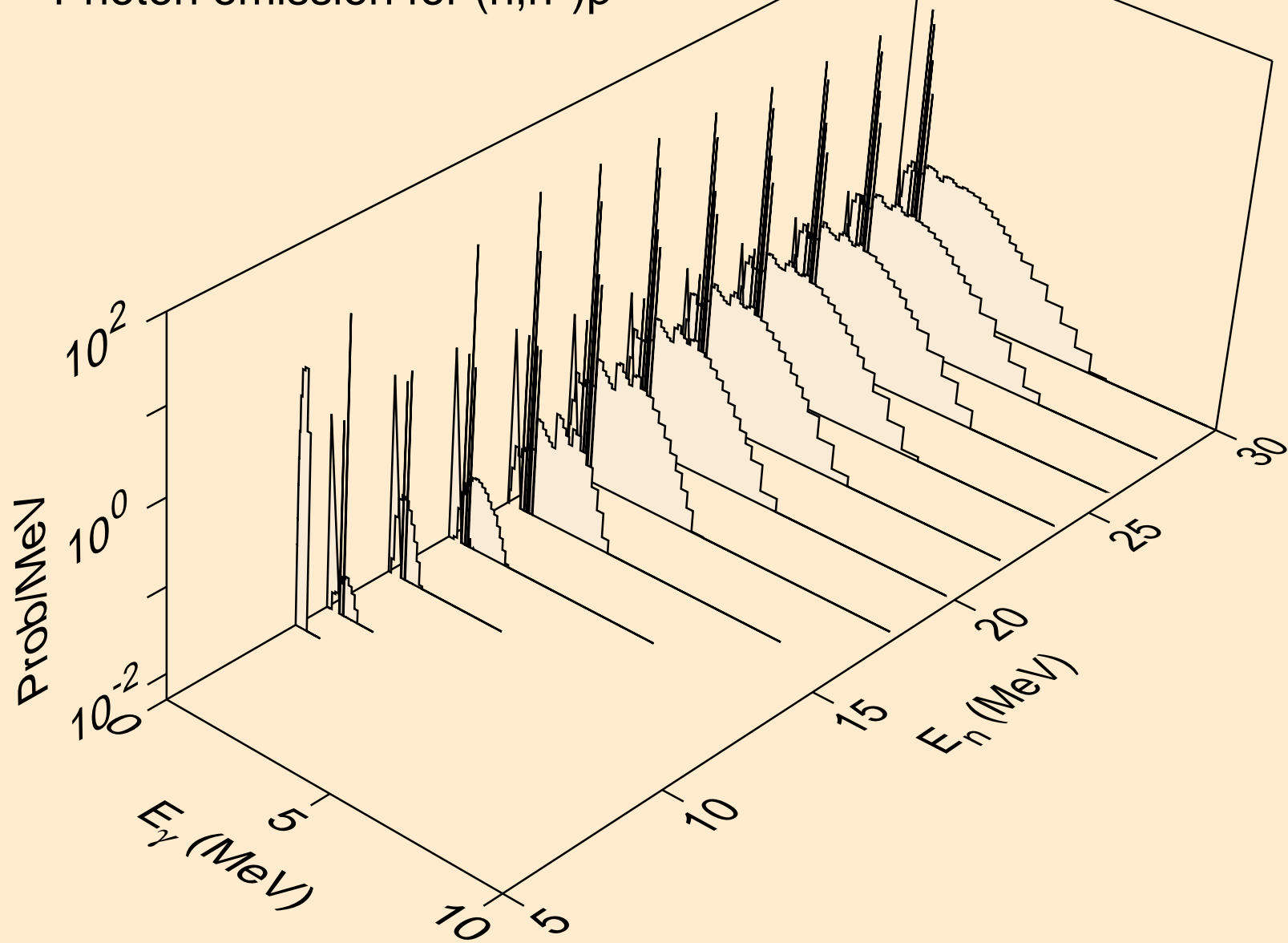
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



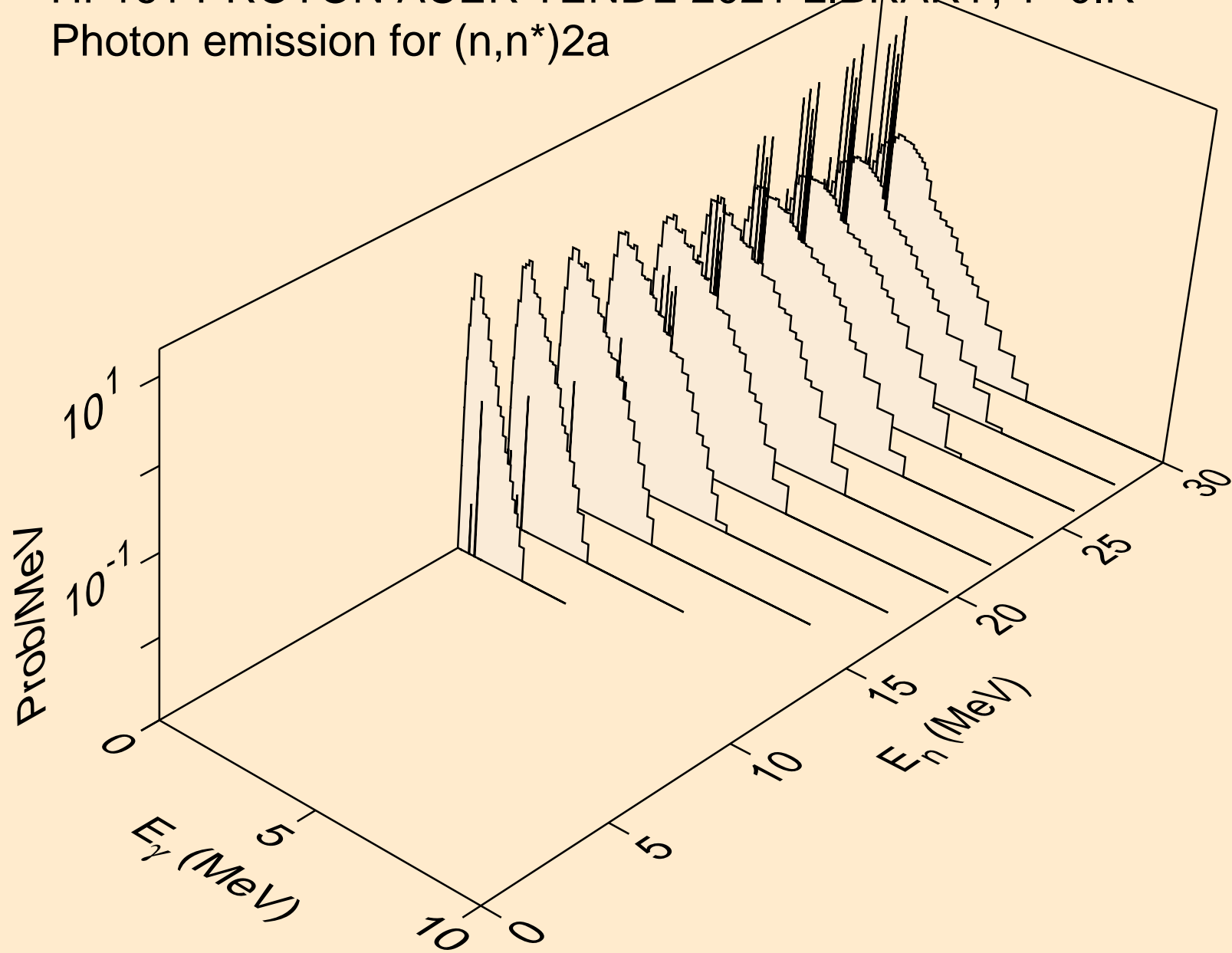
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



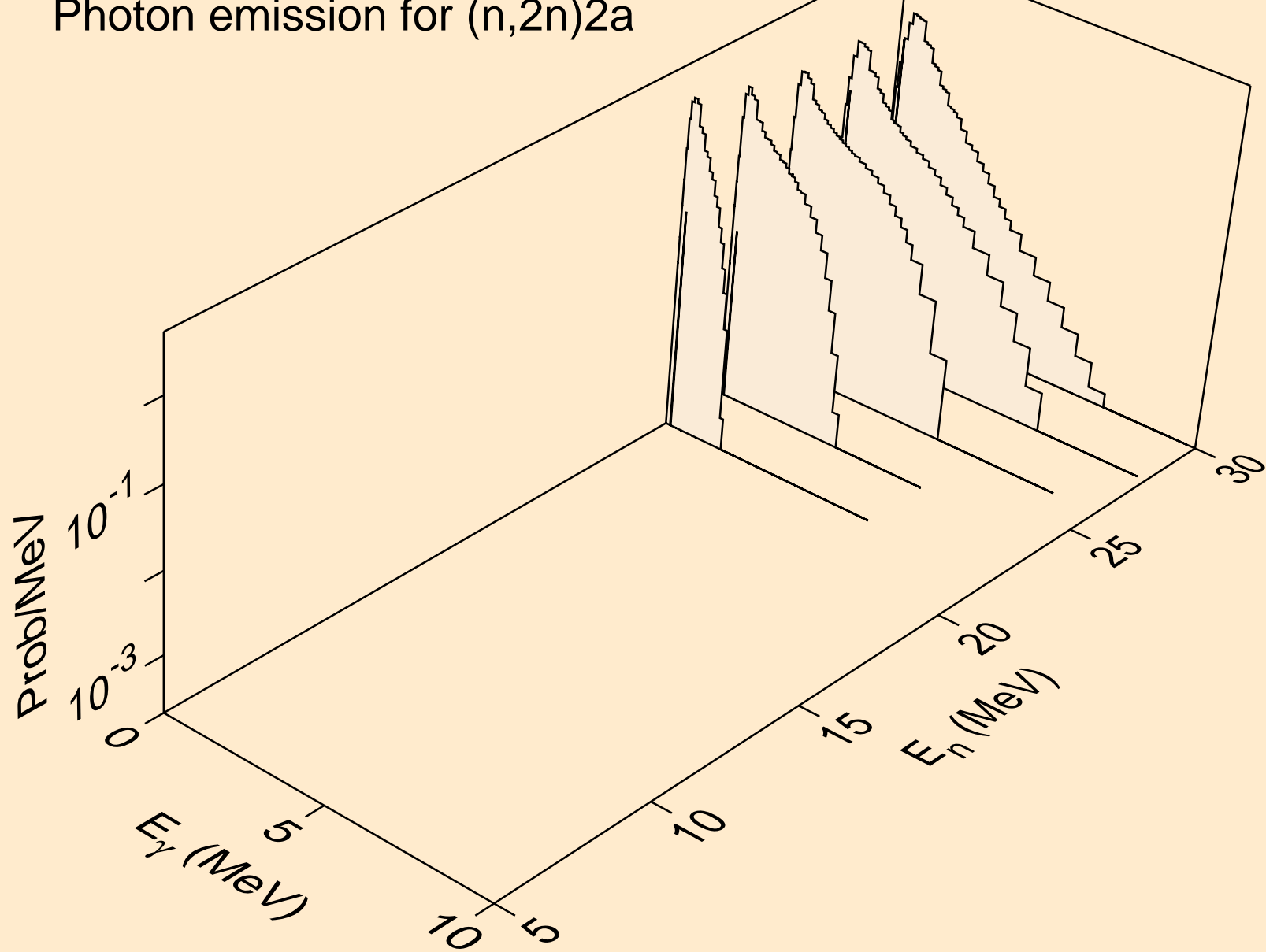
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



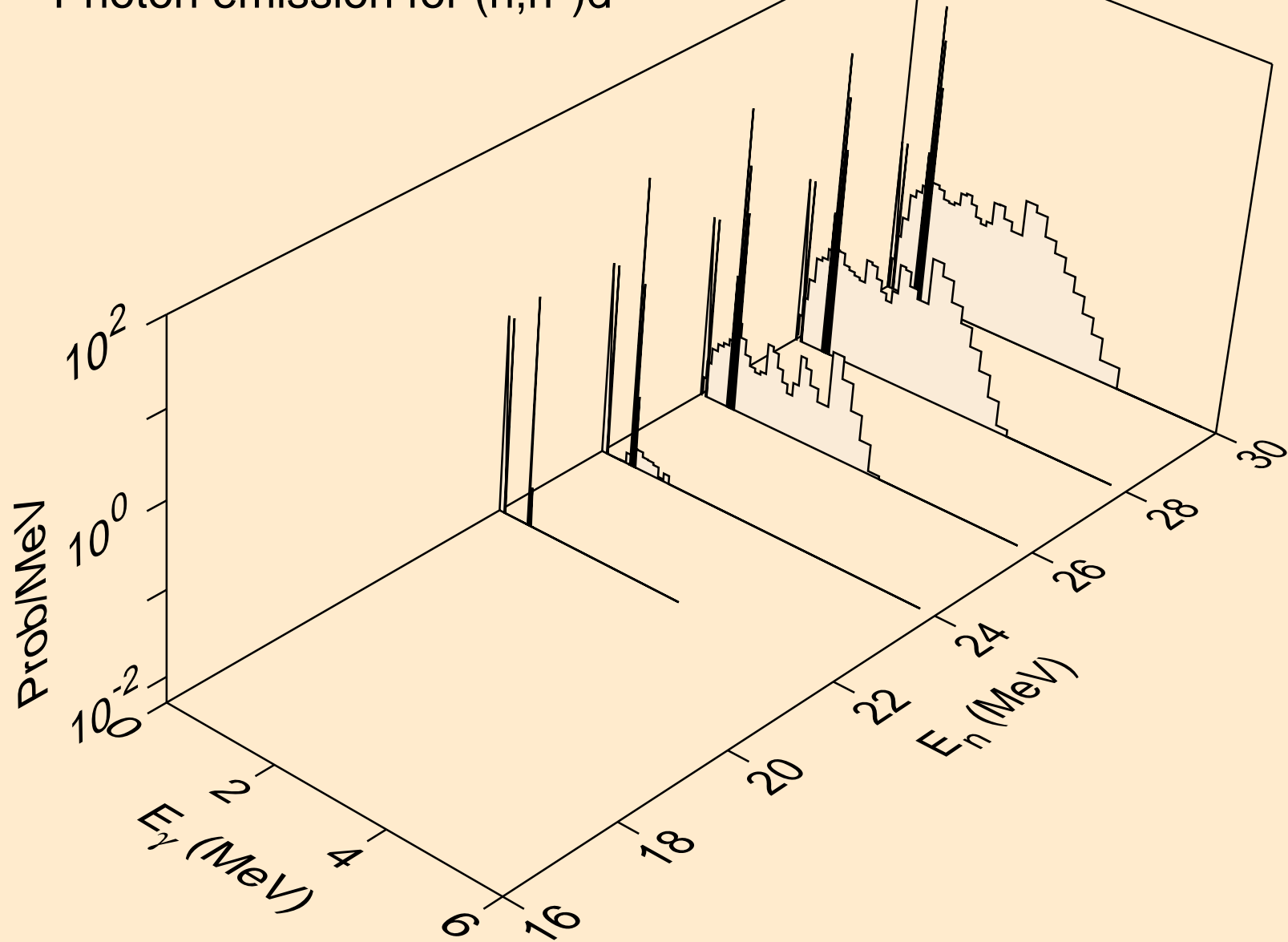
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



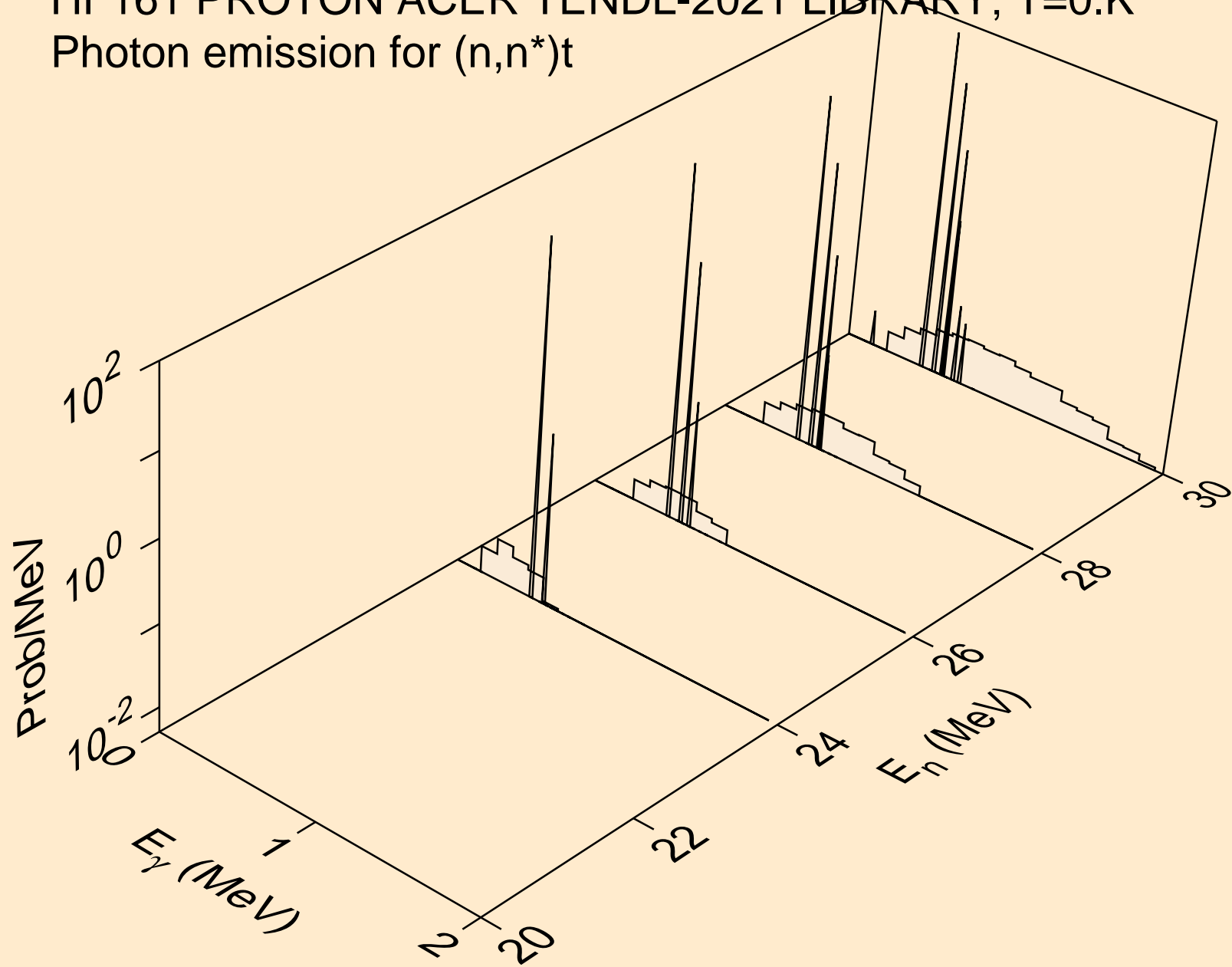
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



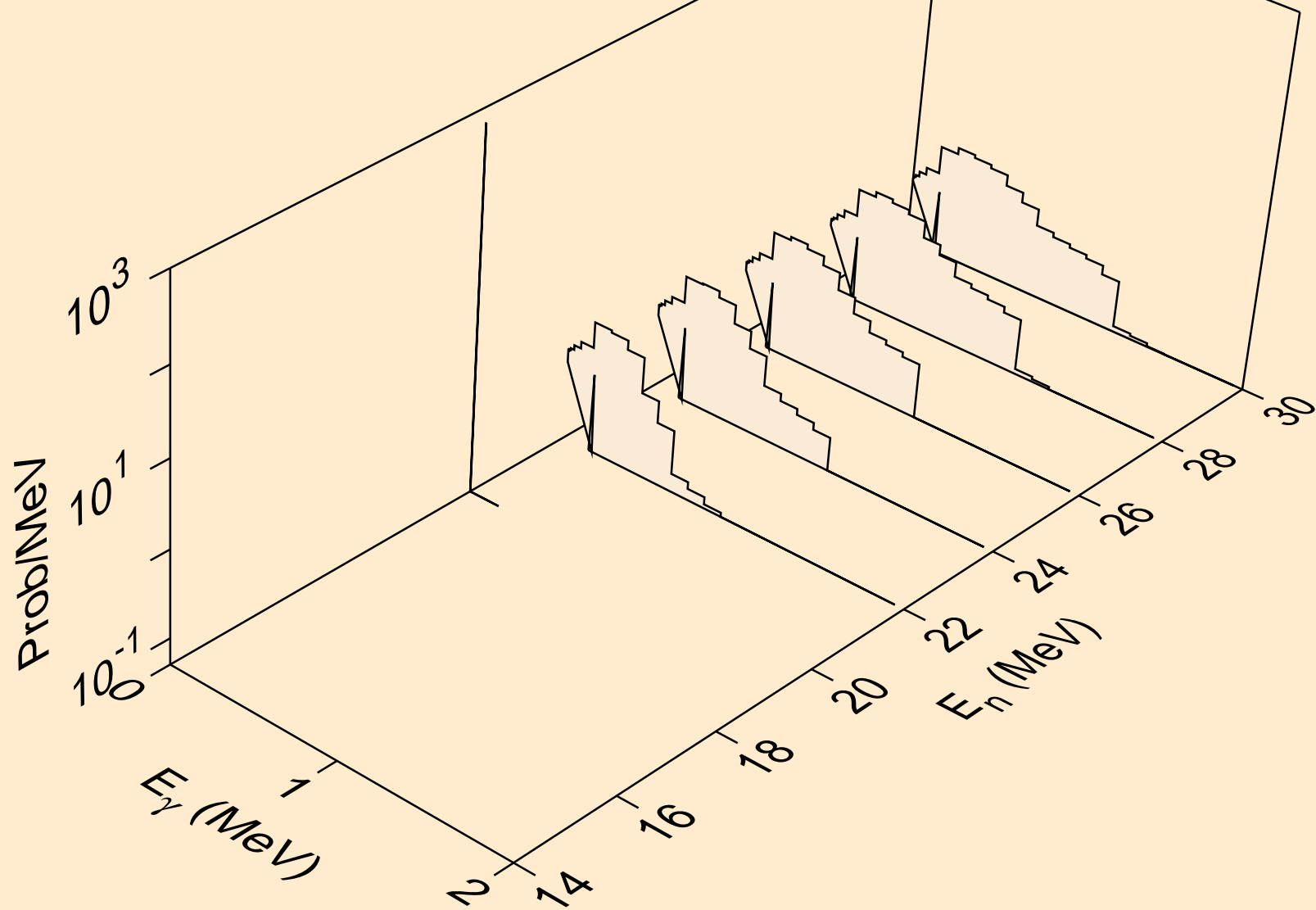
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

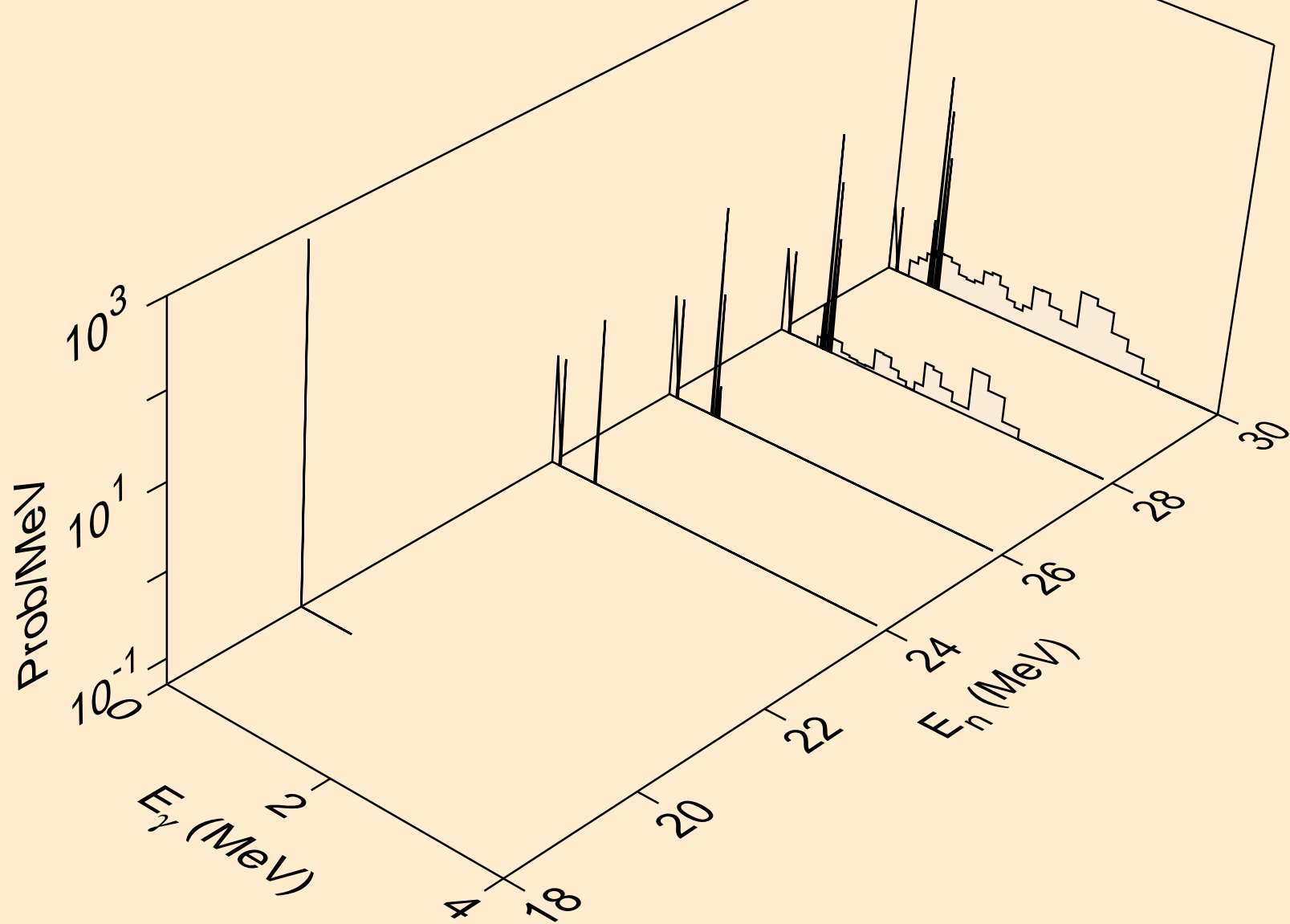


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

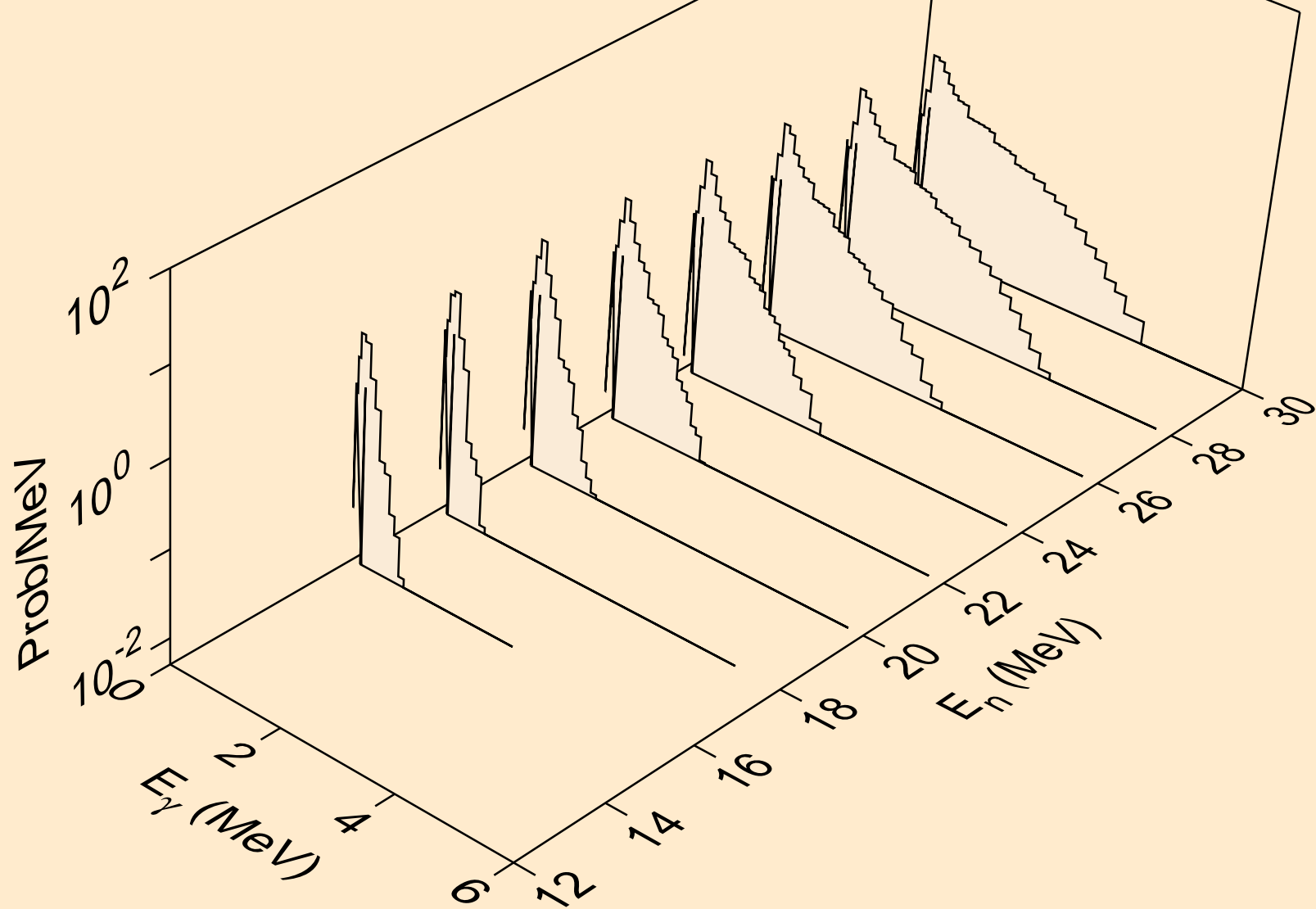




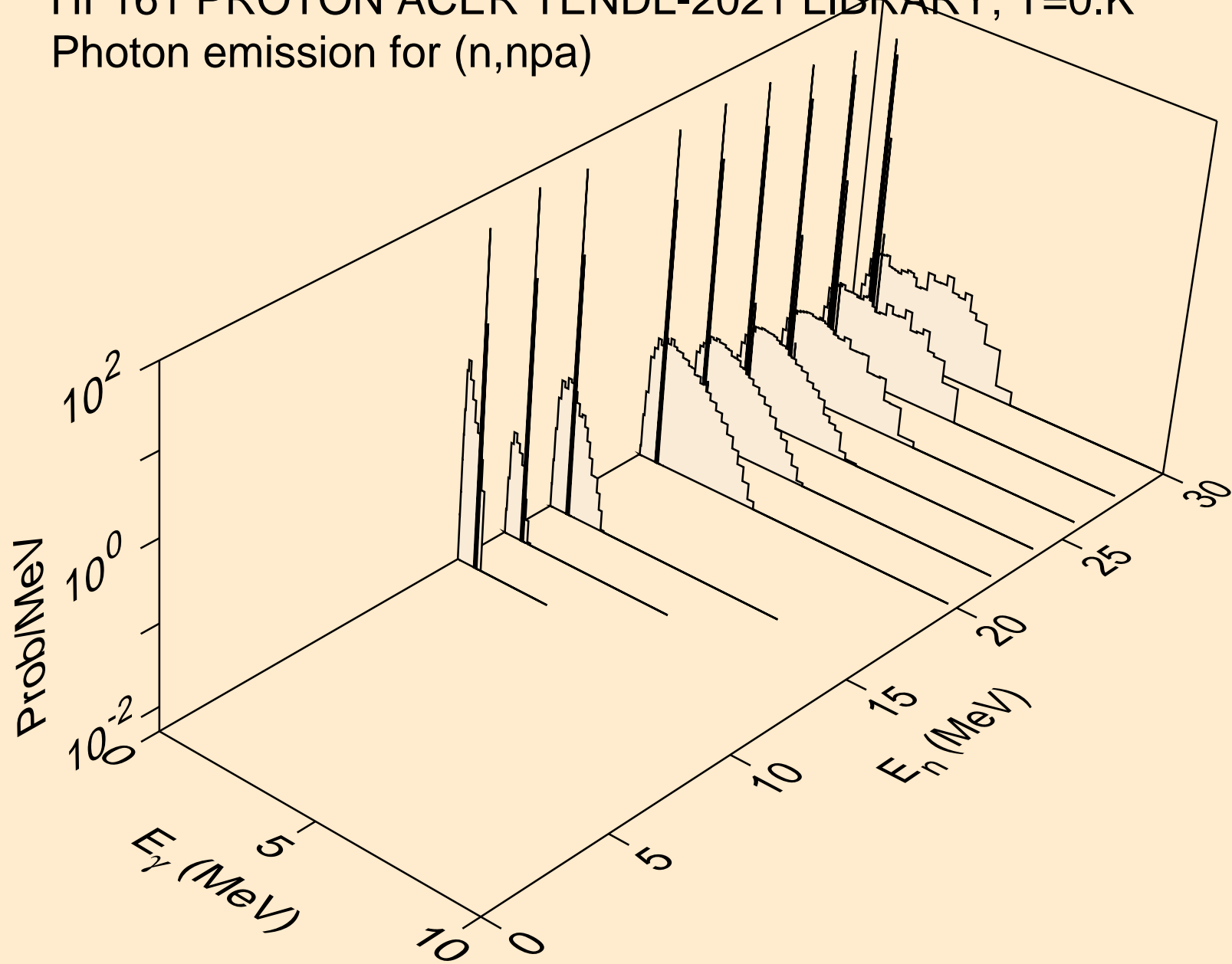
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



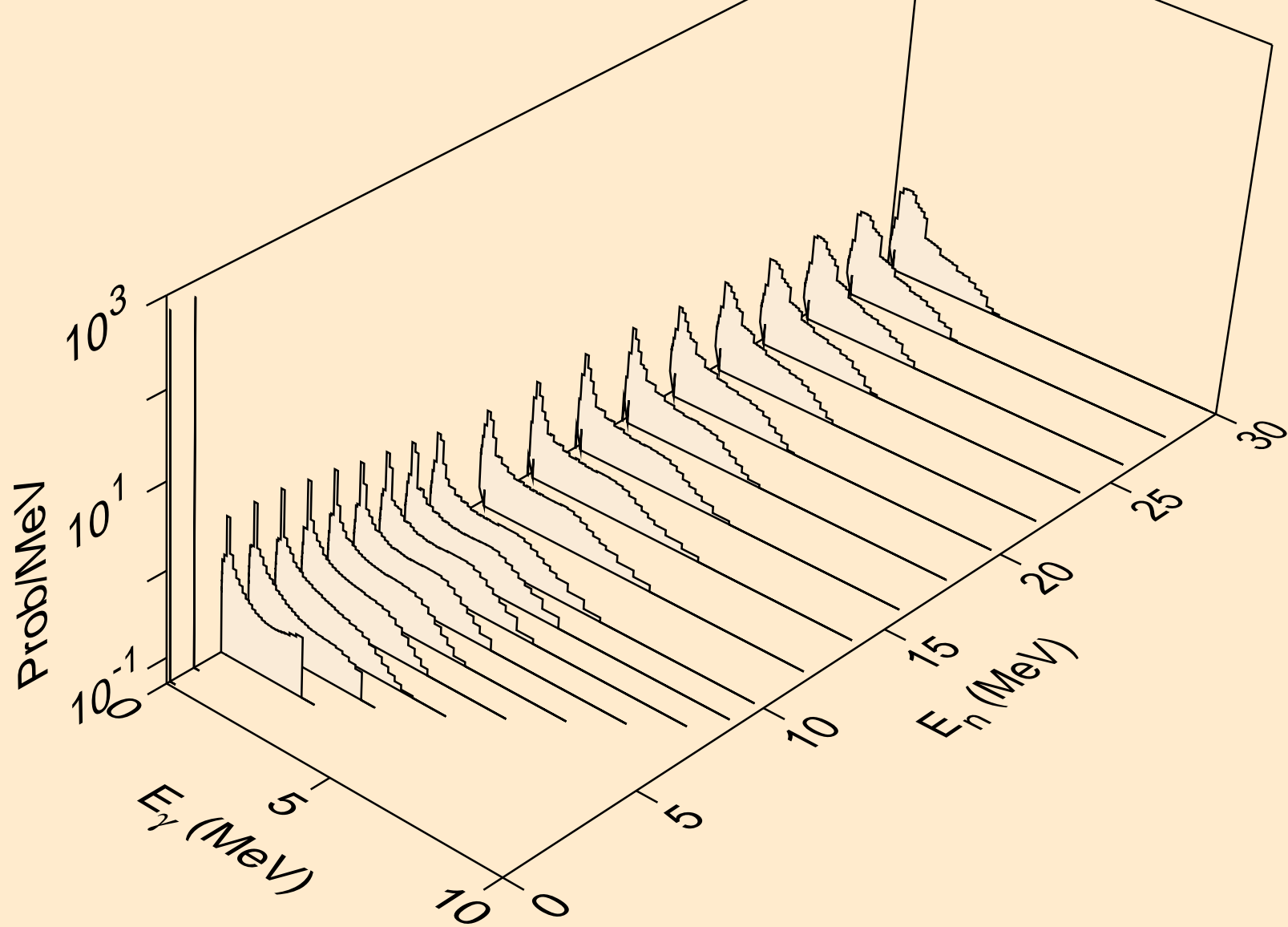
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



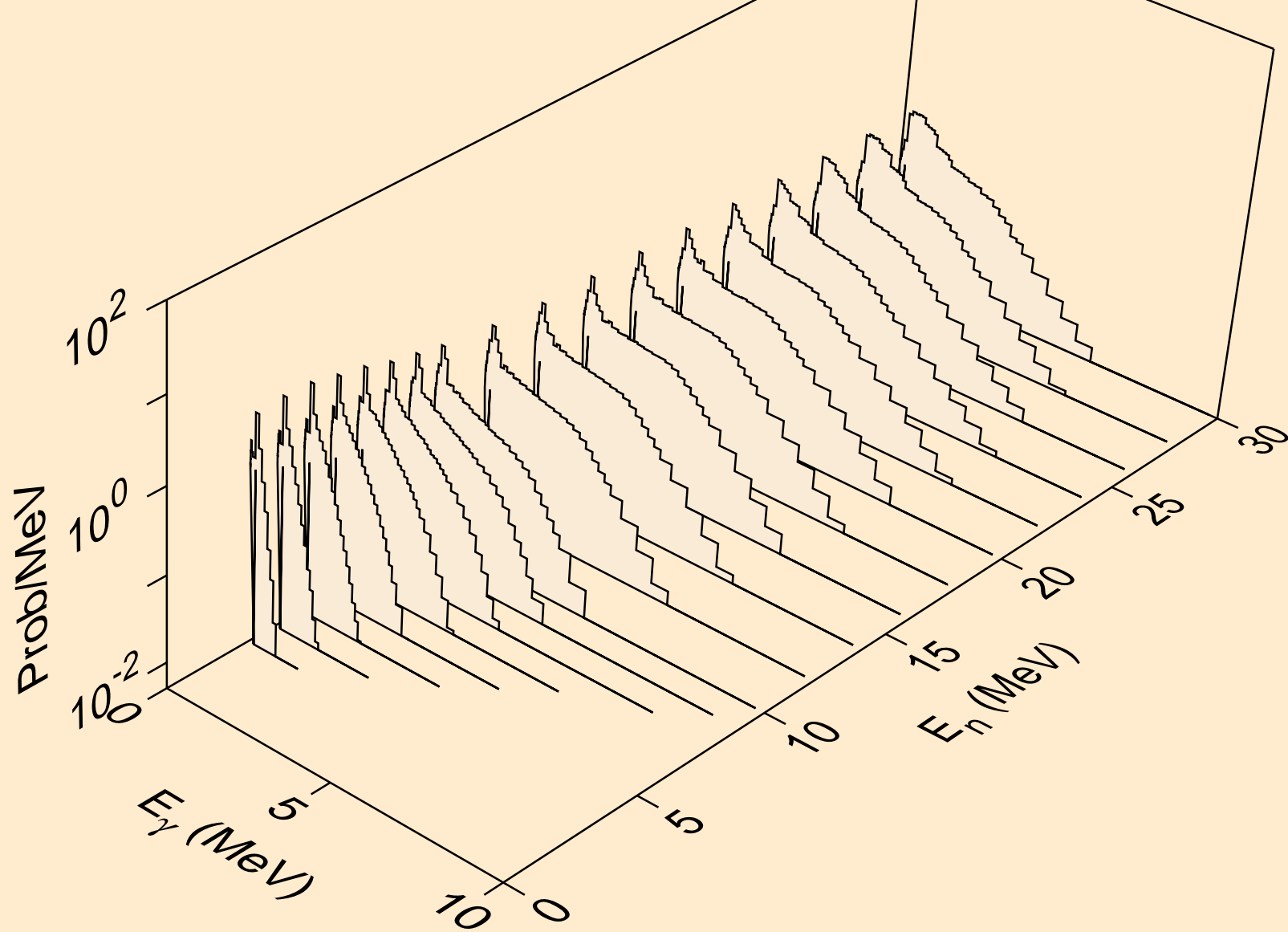
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



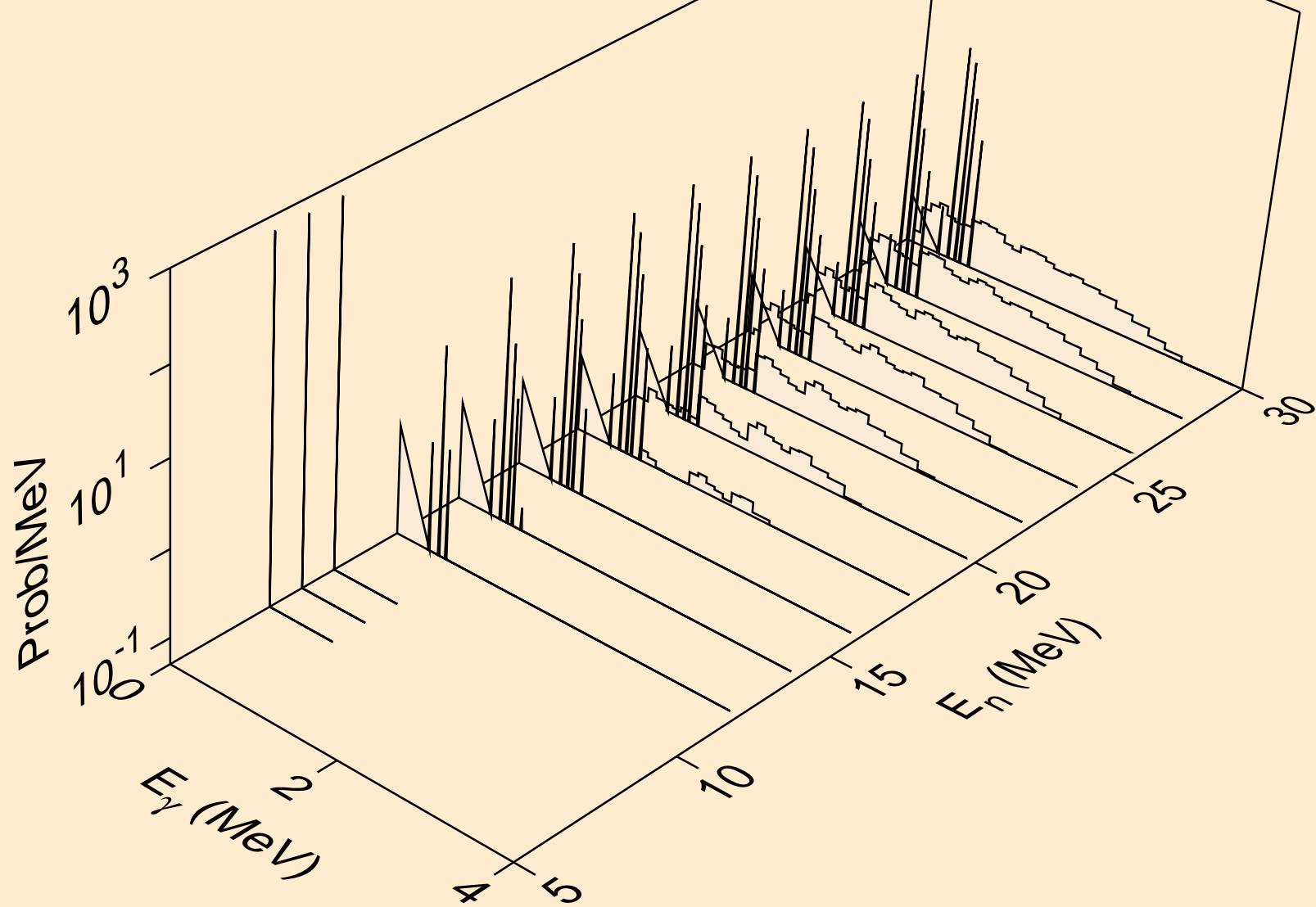
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



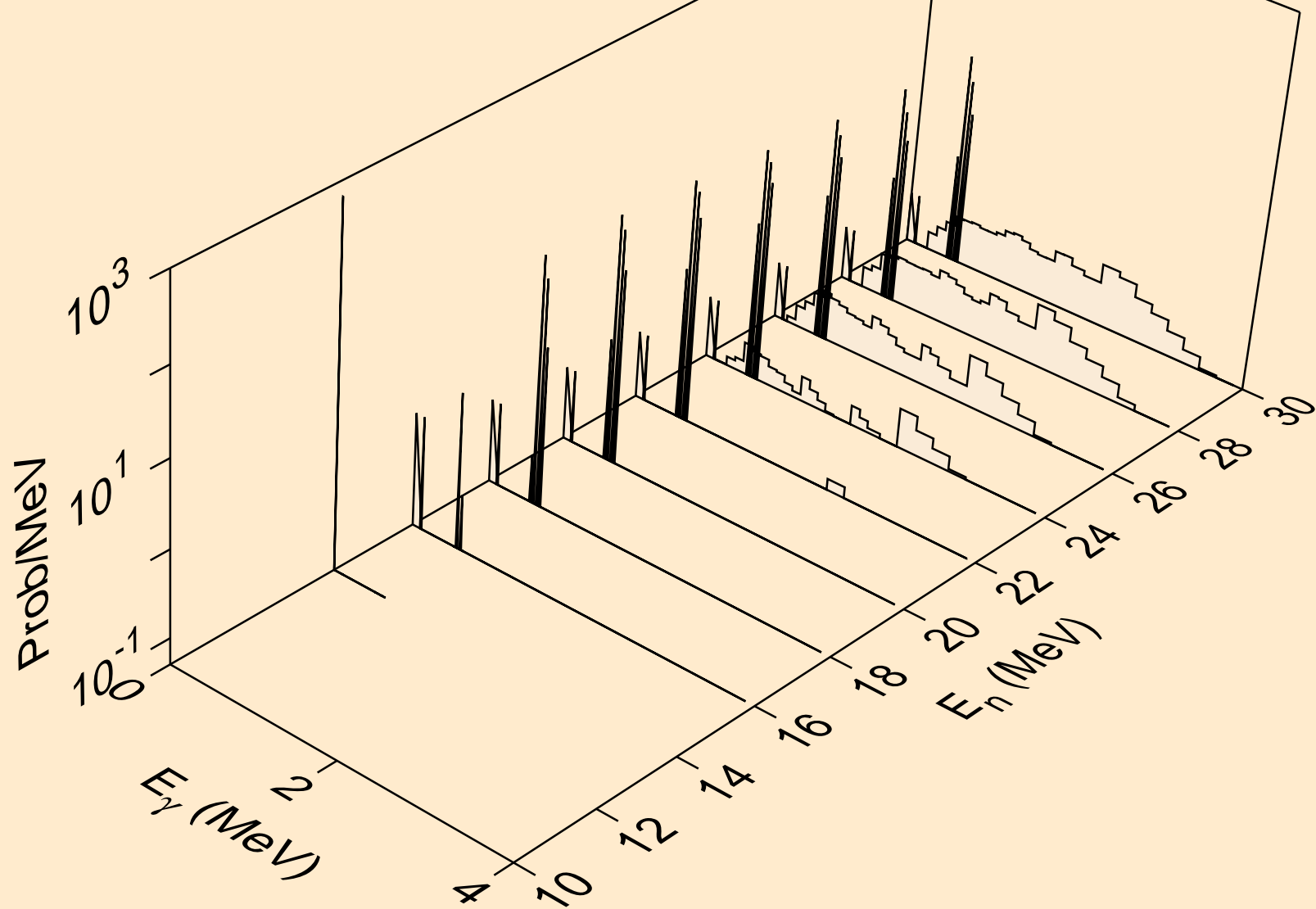
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



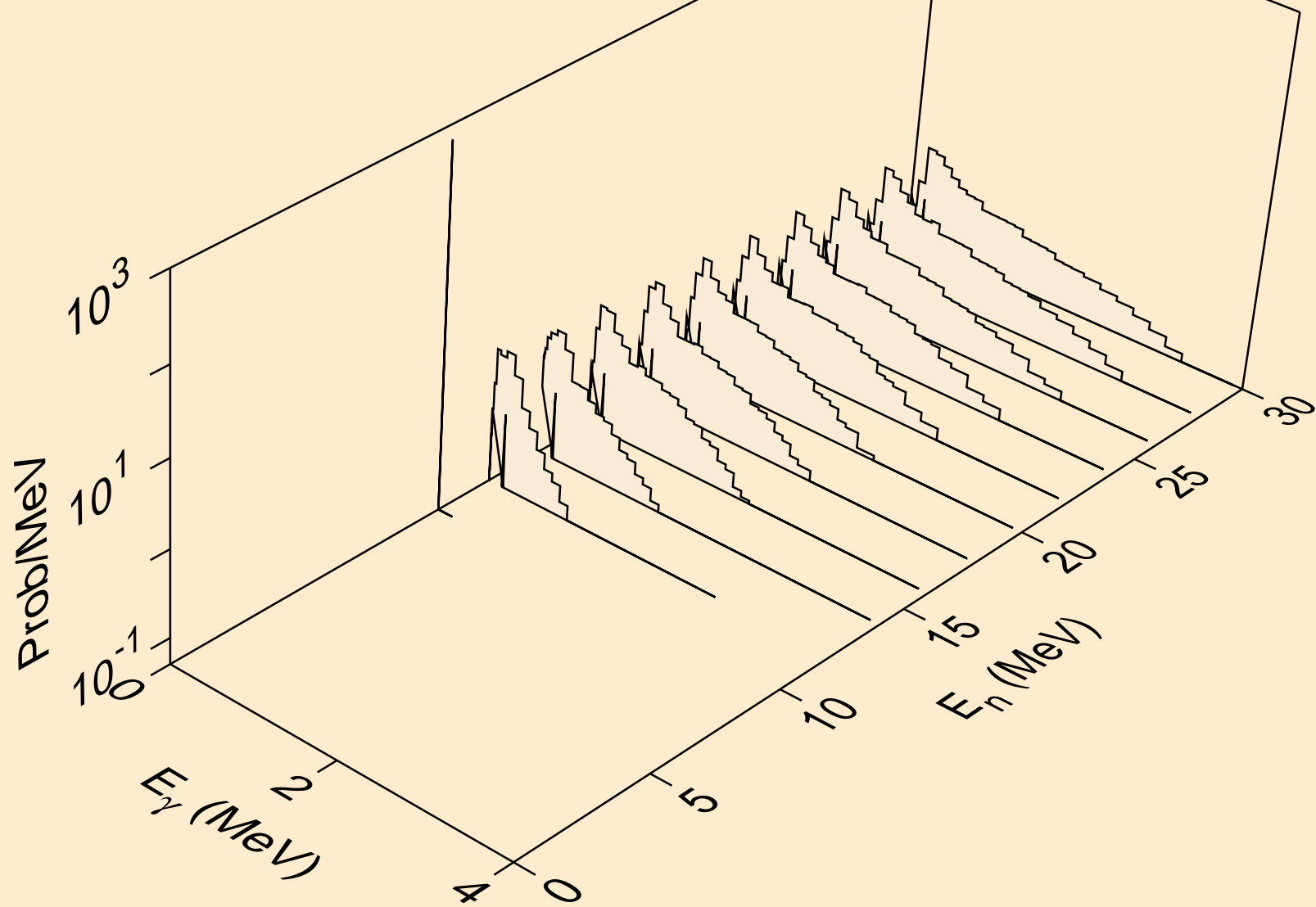
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

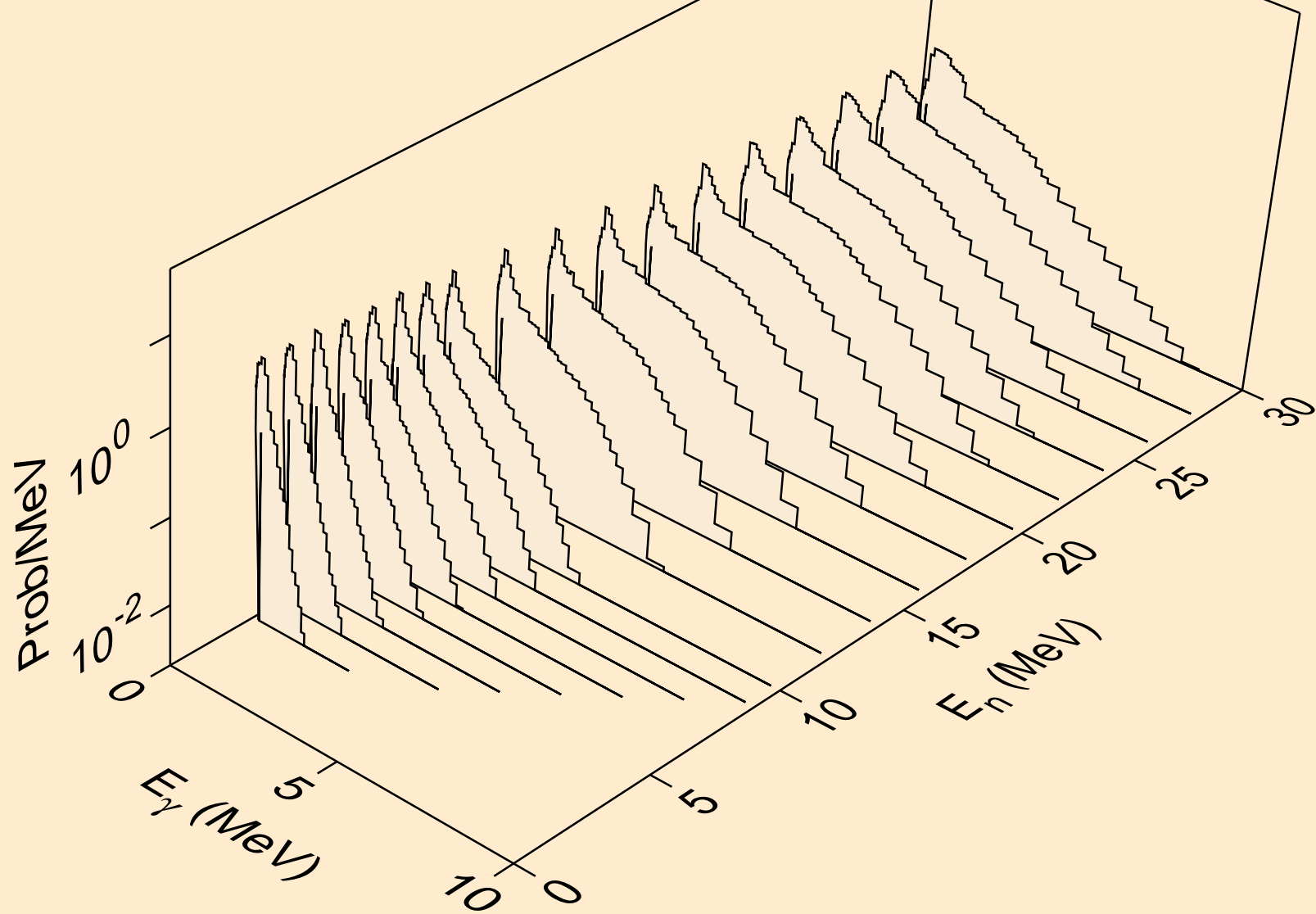


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

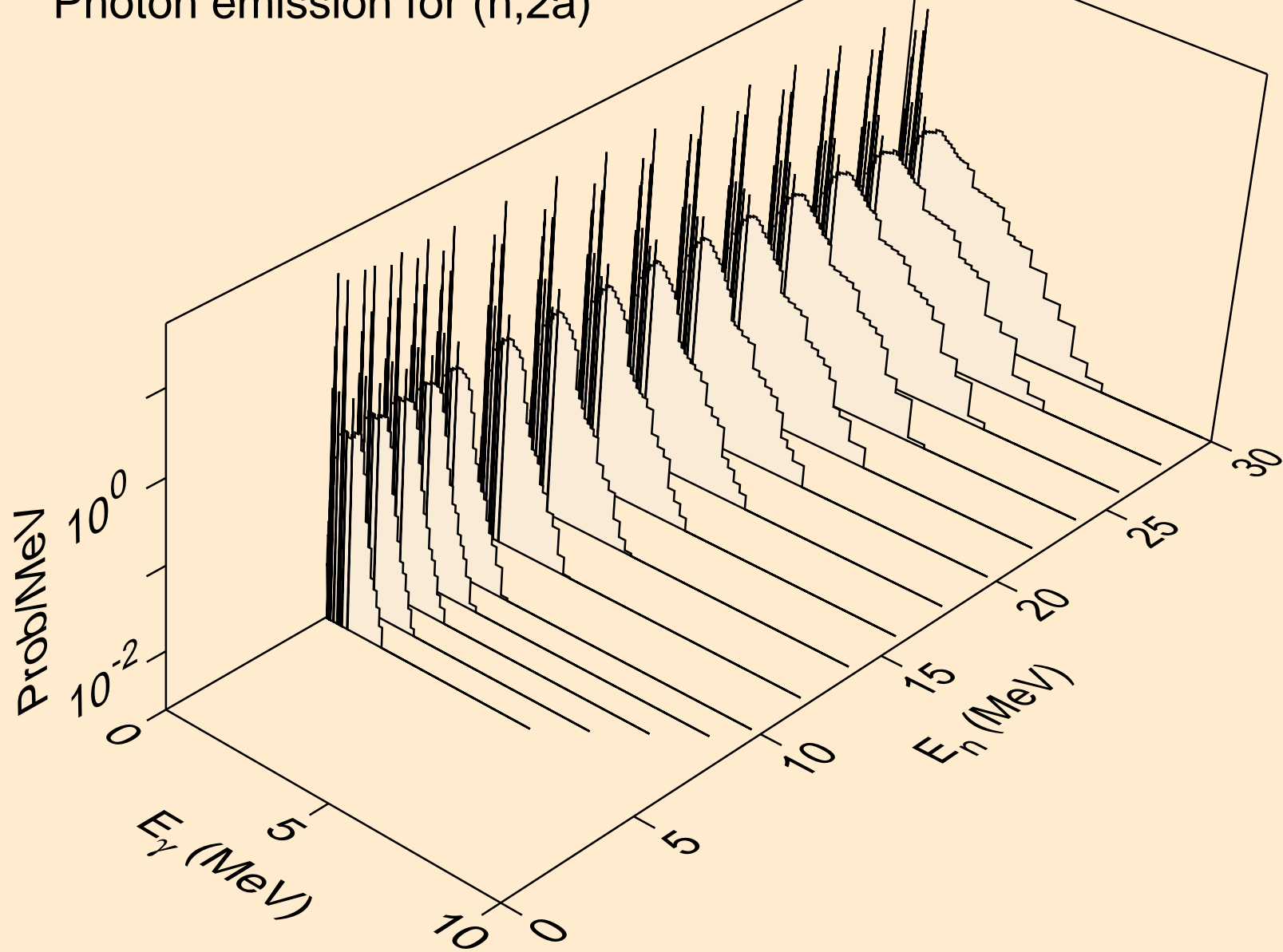




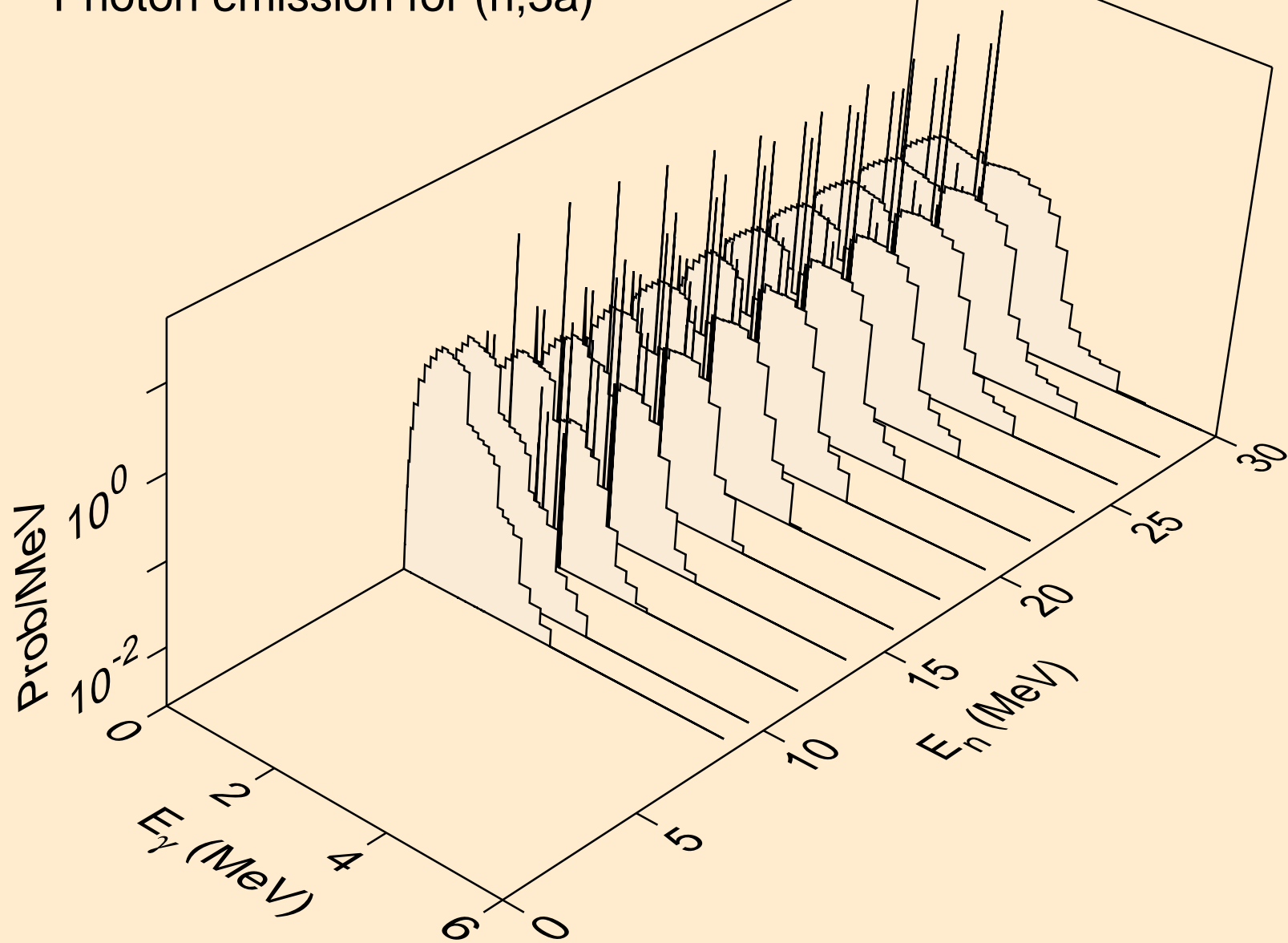
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



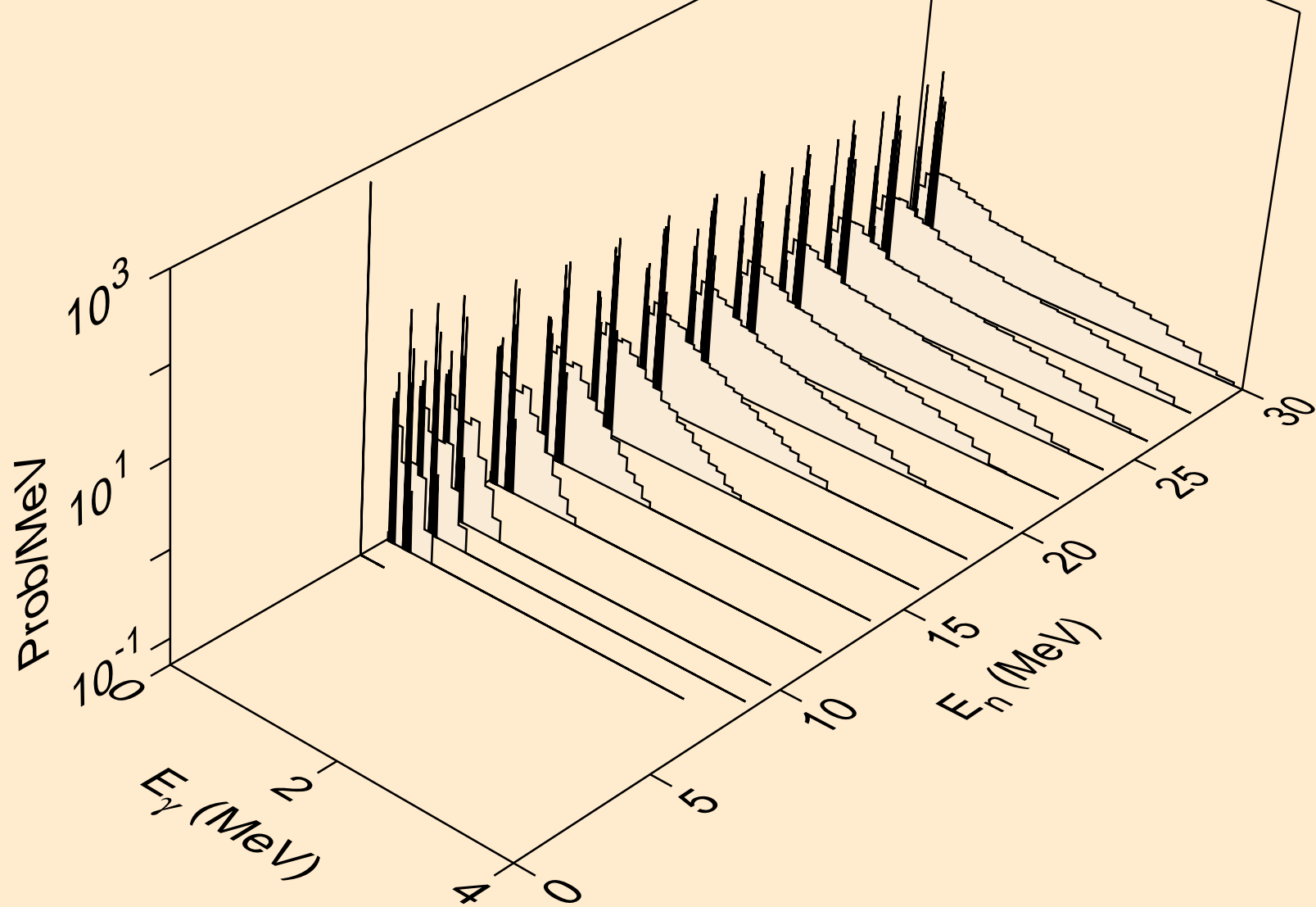
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



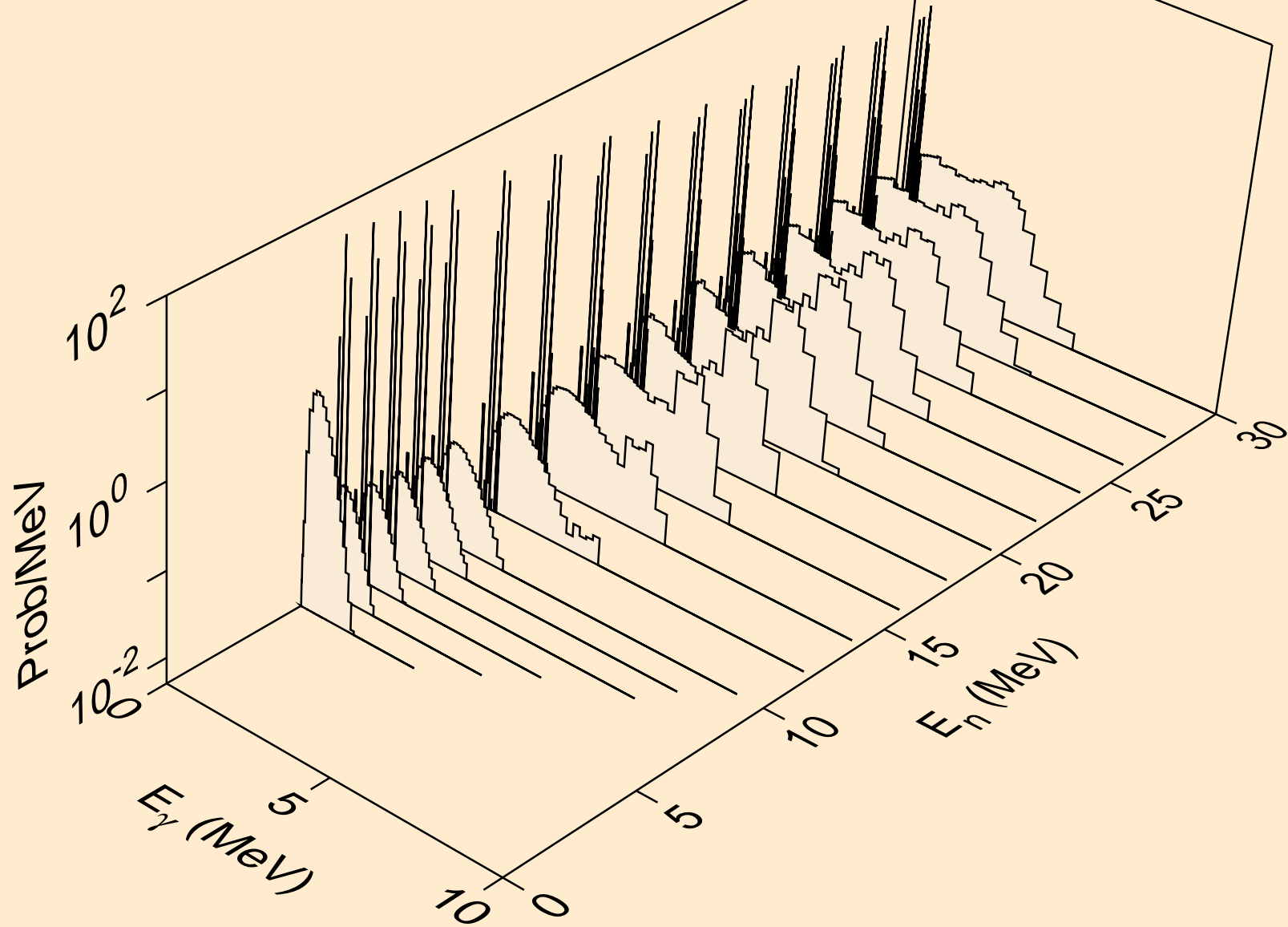
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



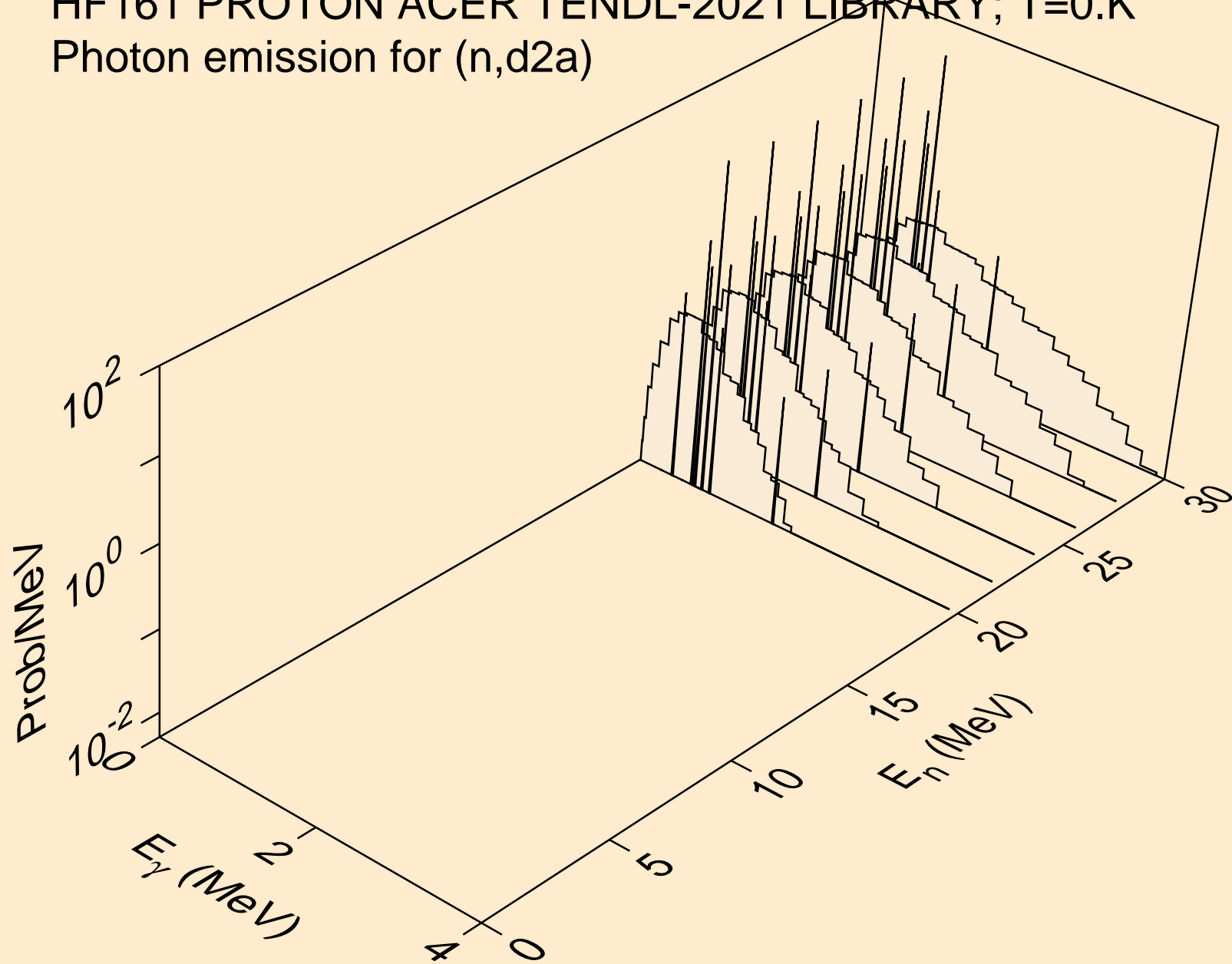
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



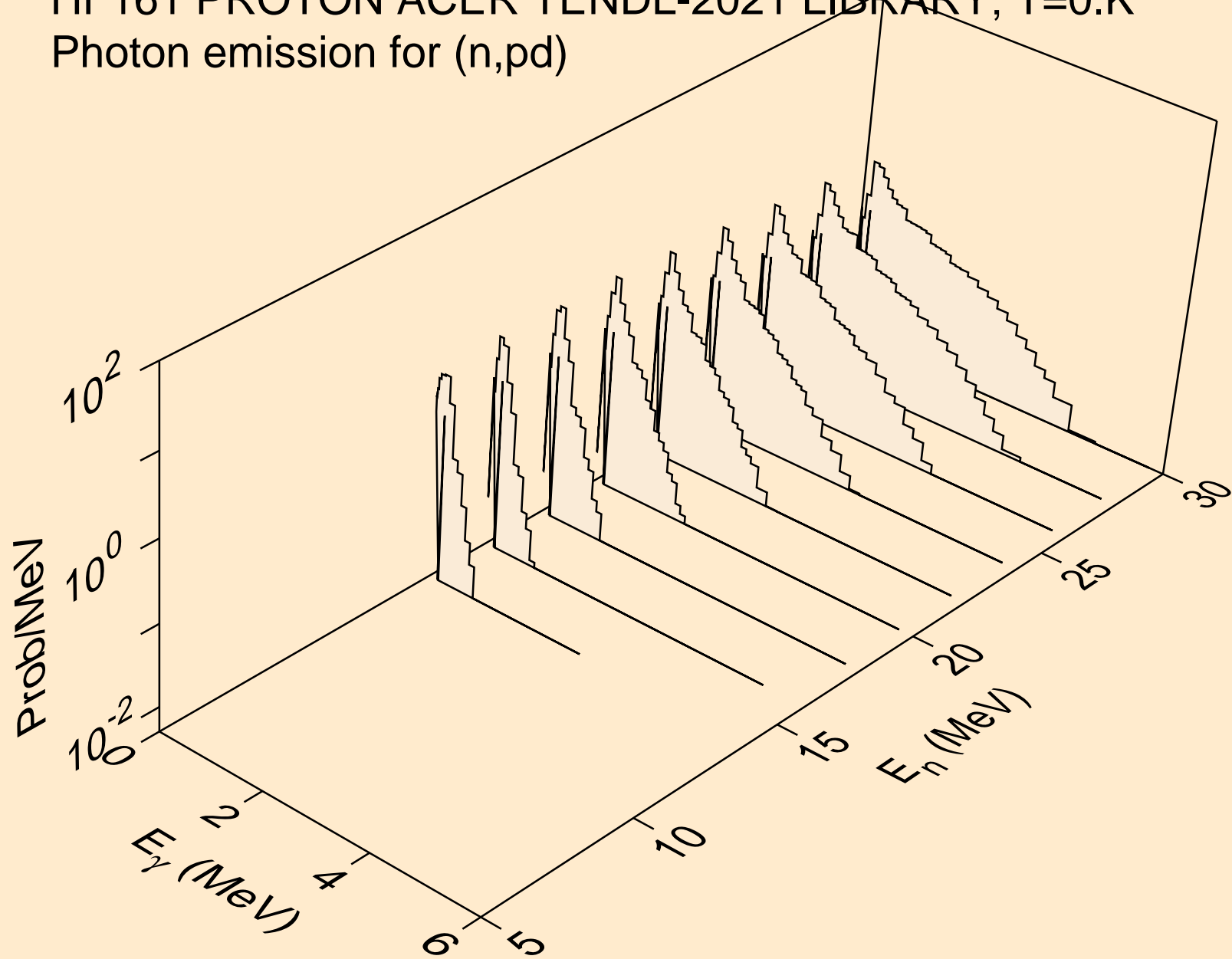
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



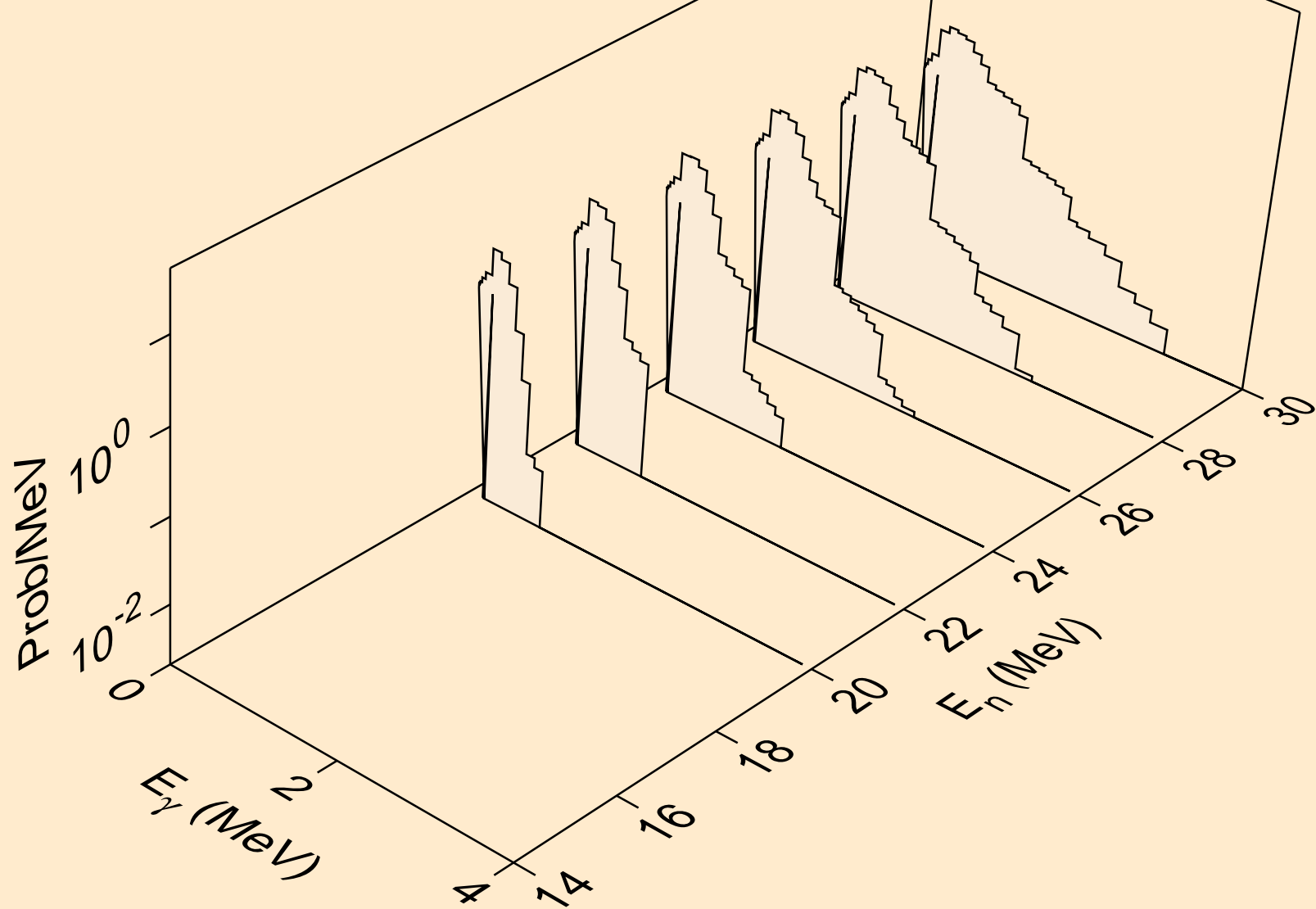
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d2a)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

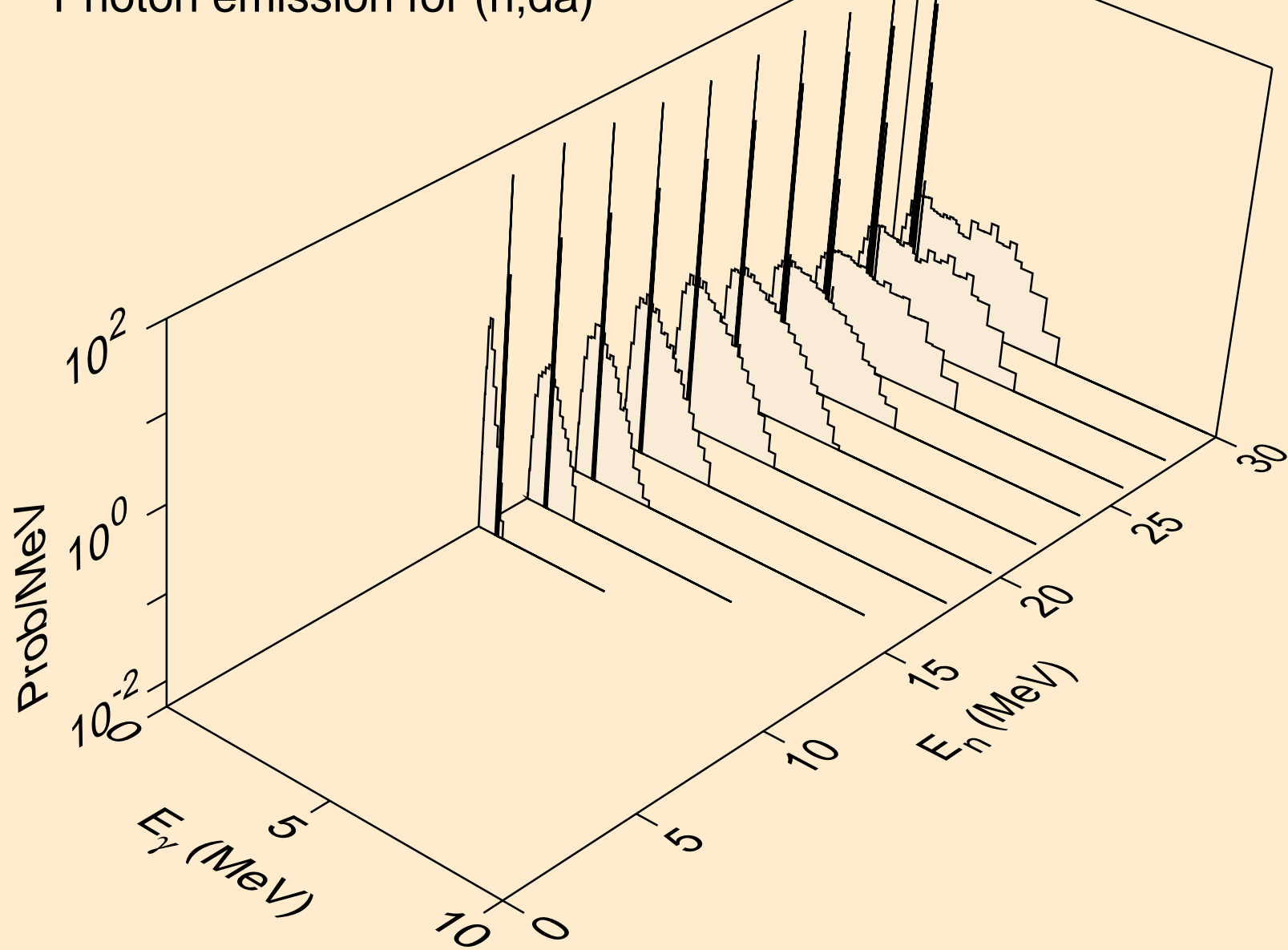


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



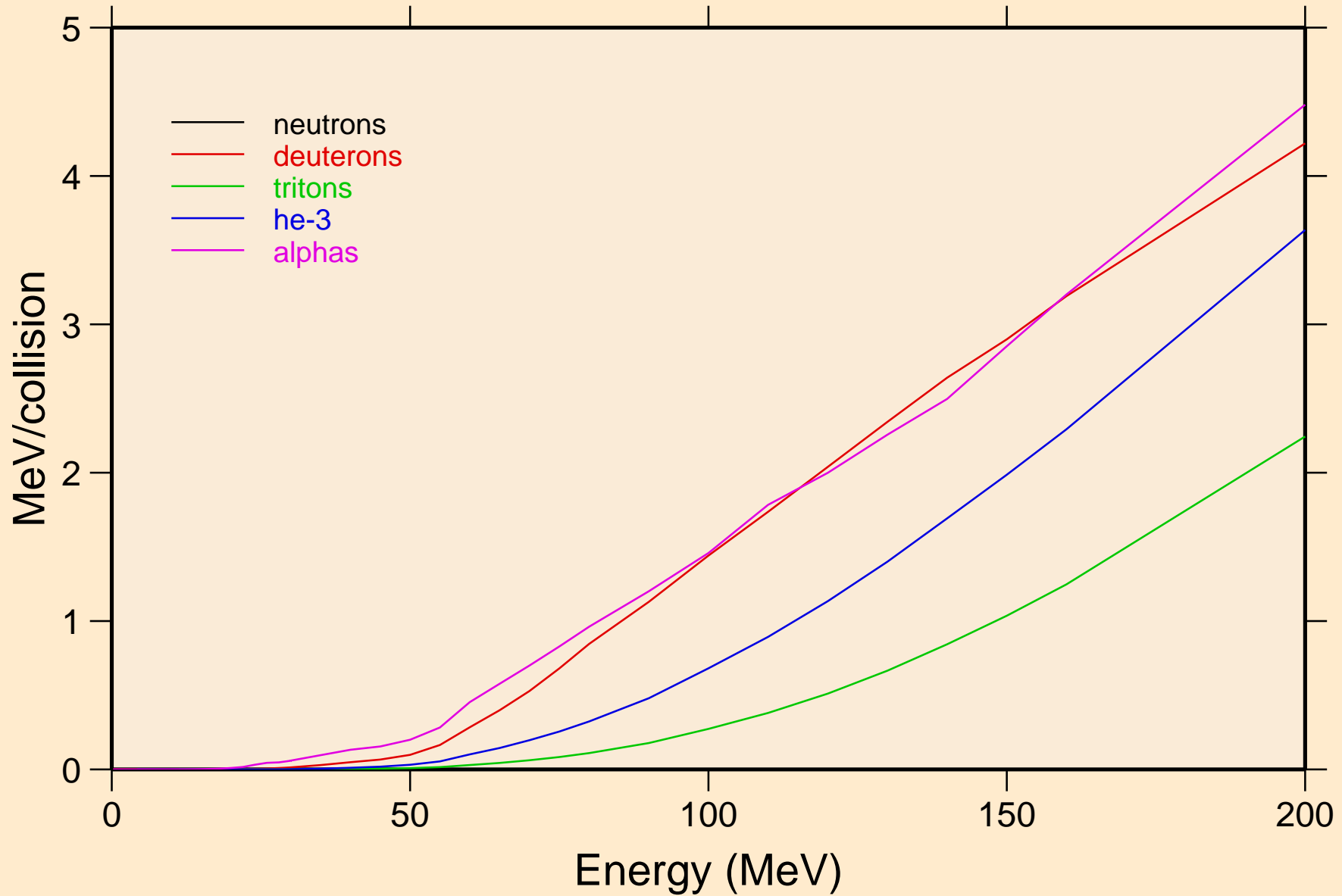


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

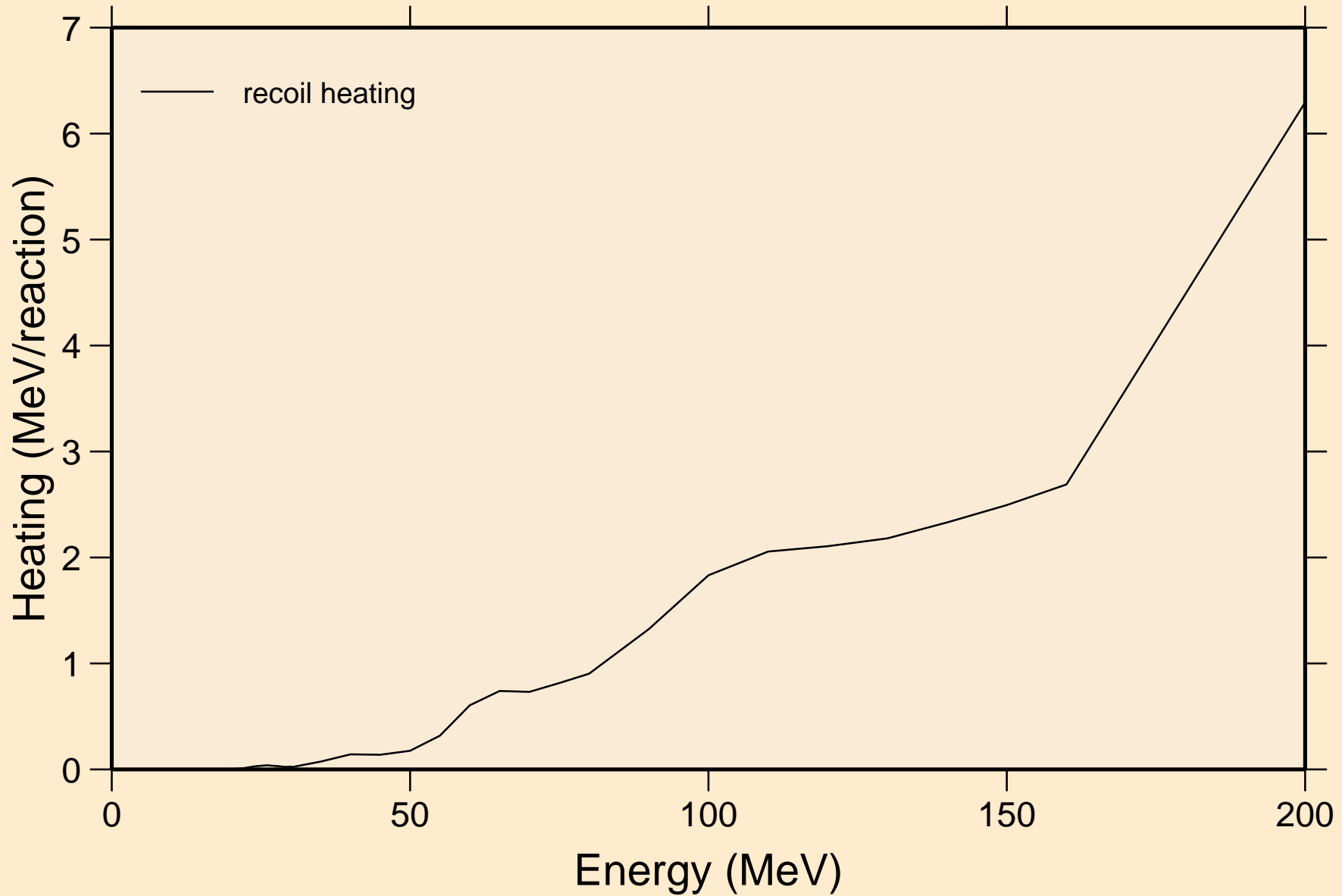


# HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K

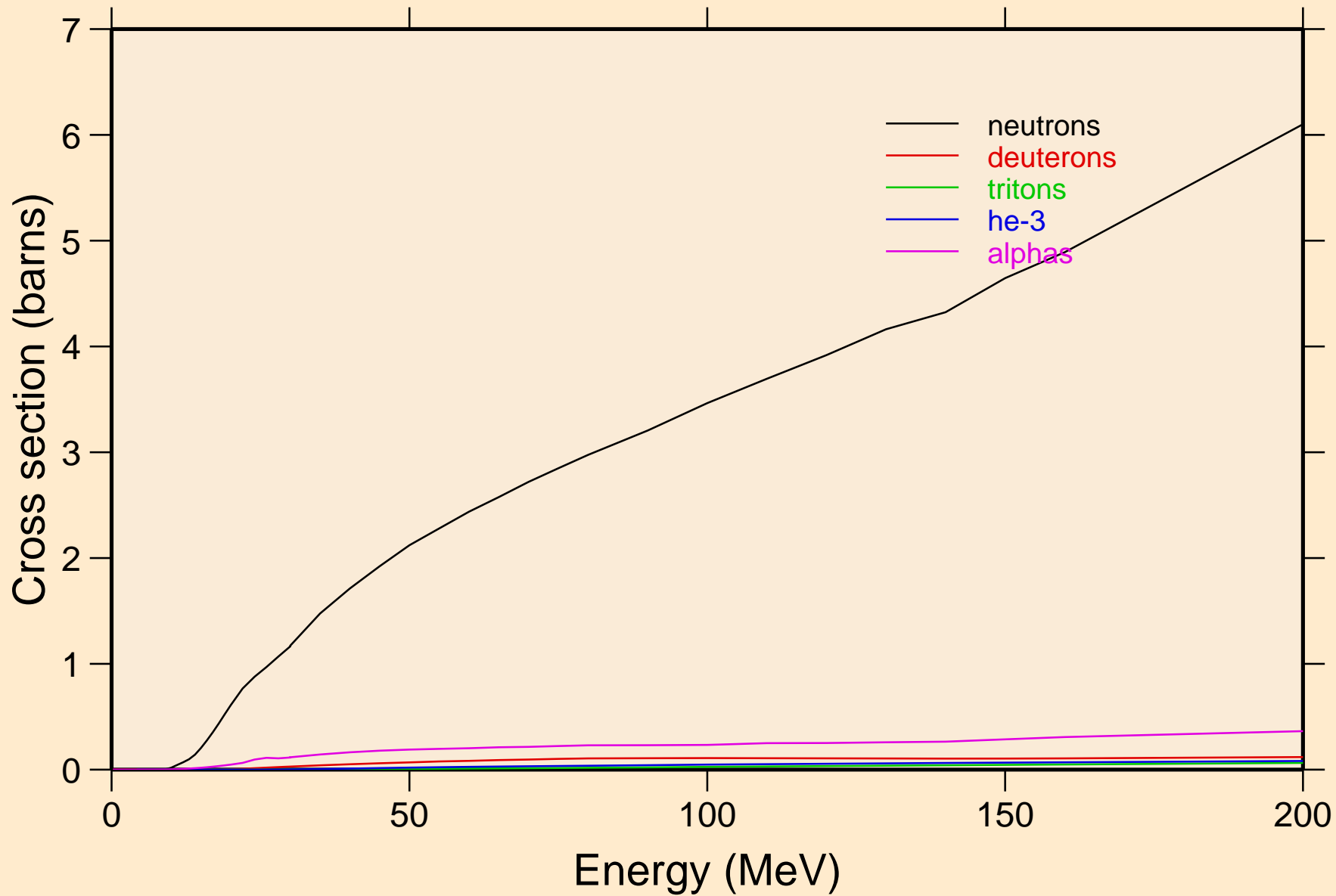
## Particle heating contributions



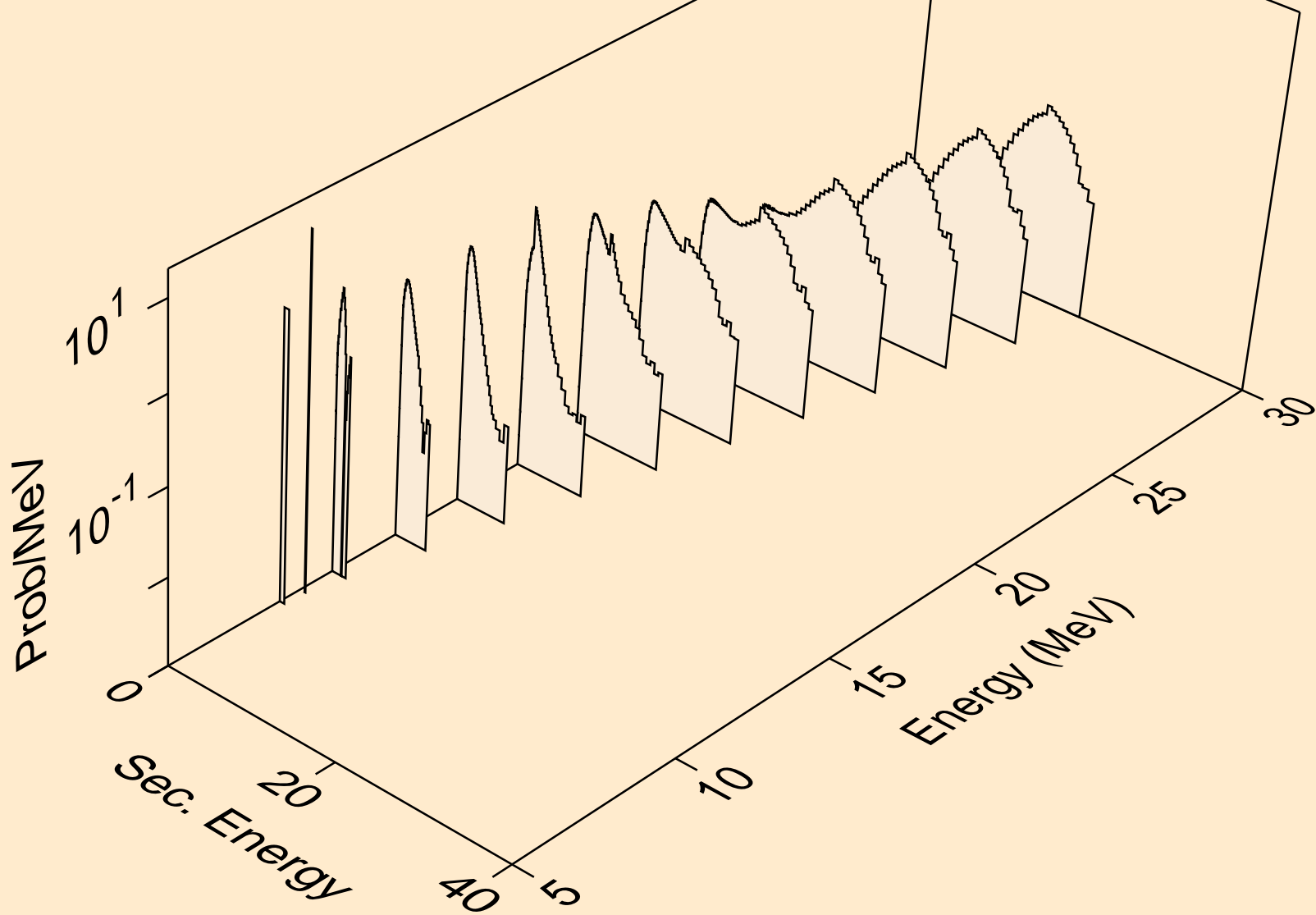
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



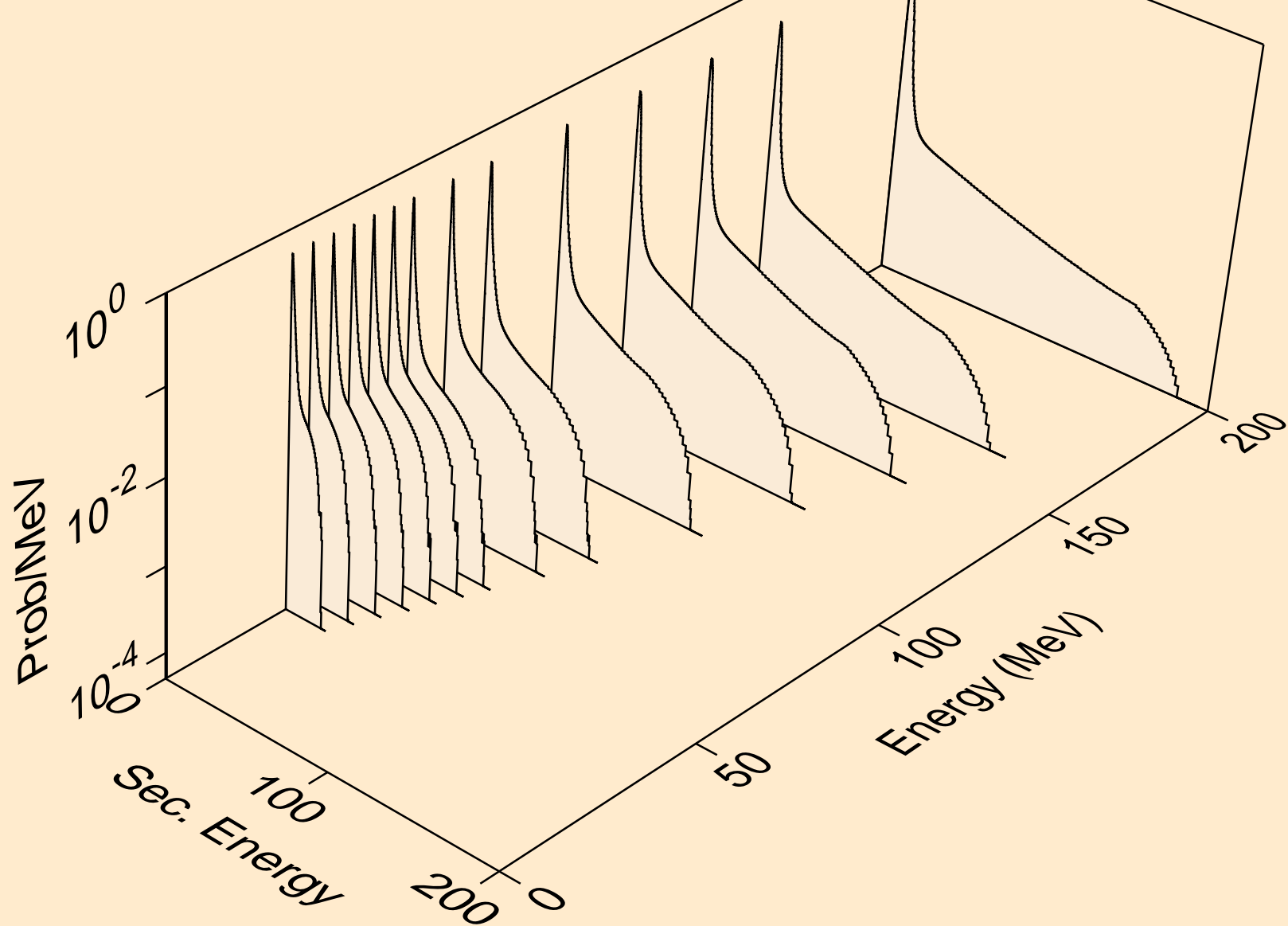
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



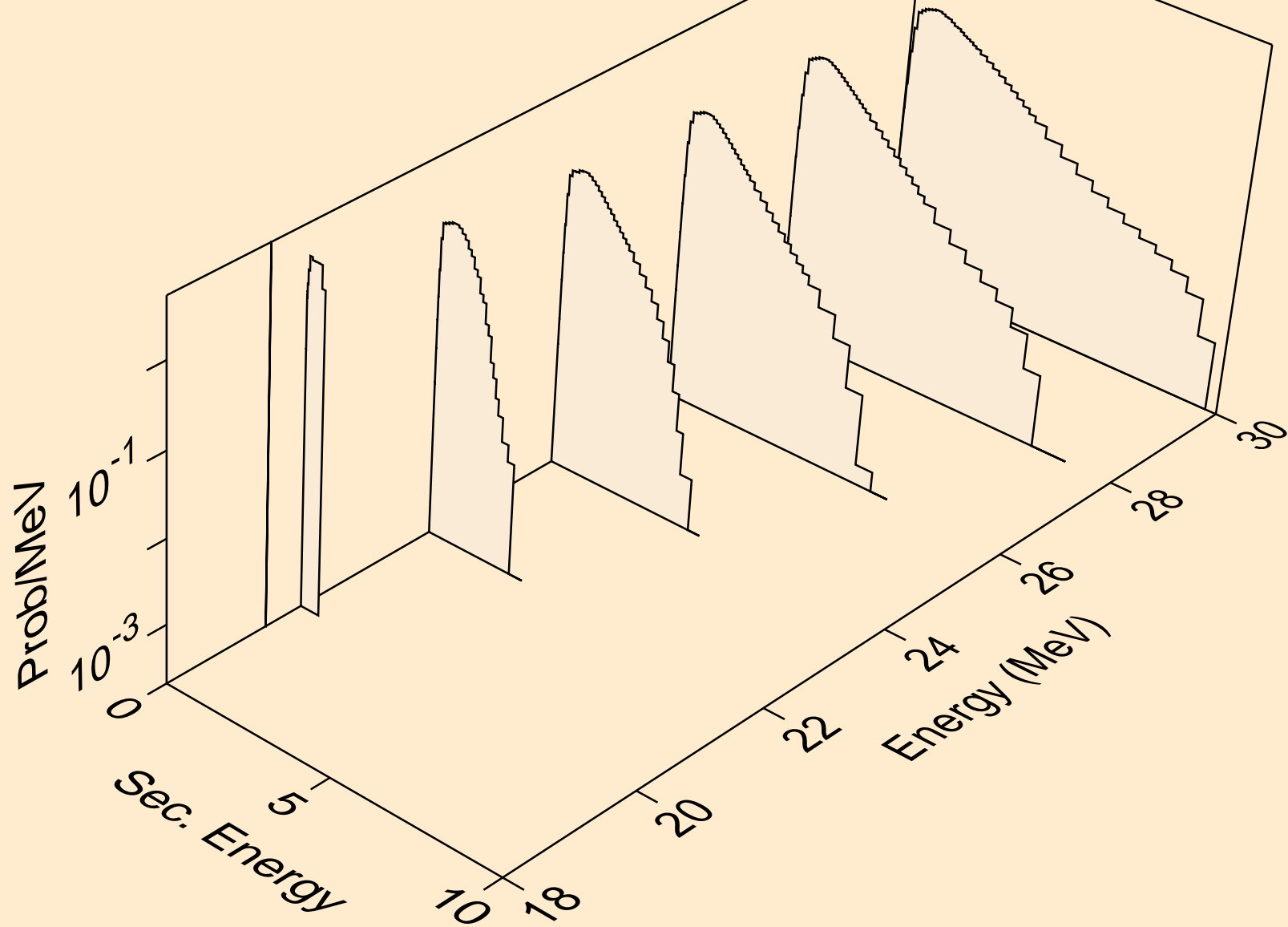
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



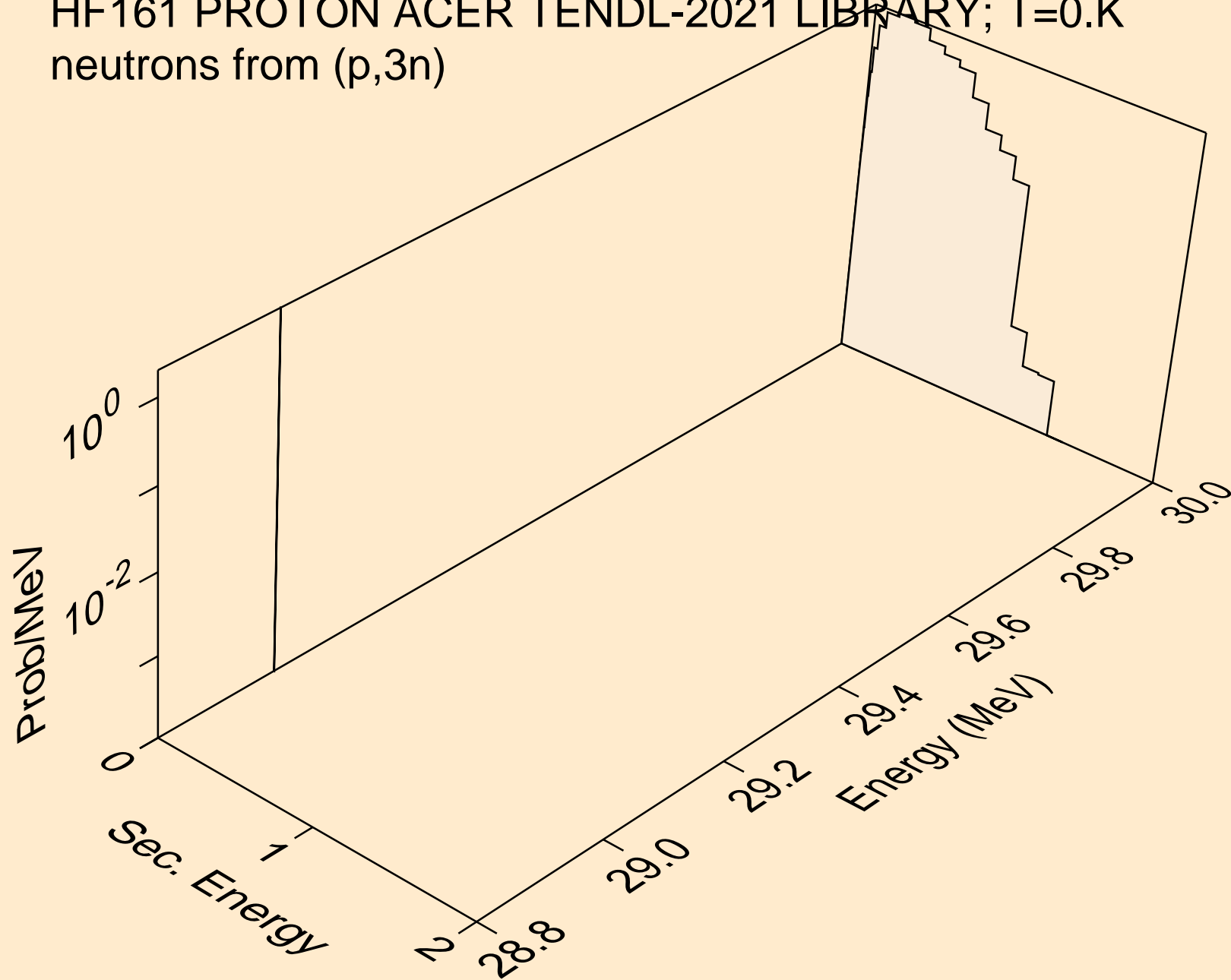
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

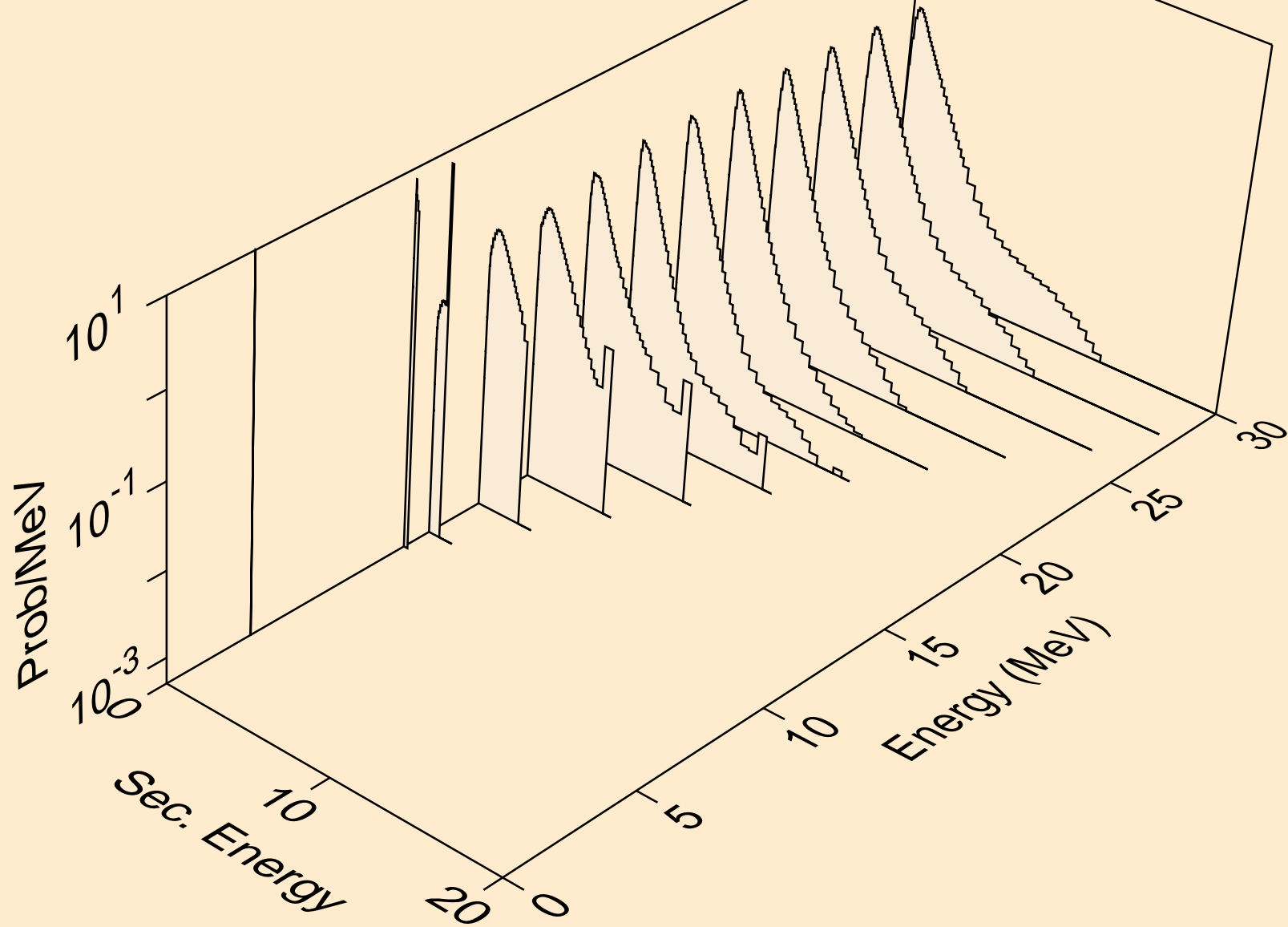


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)

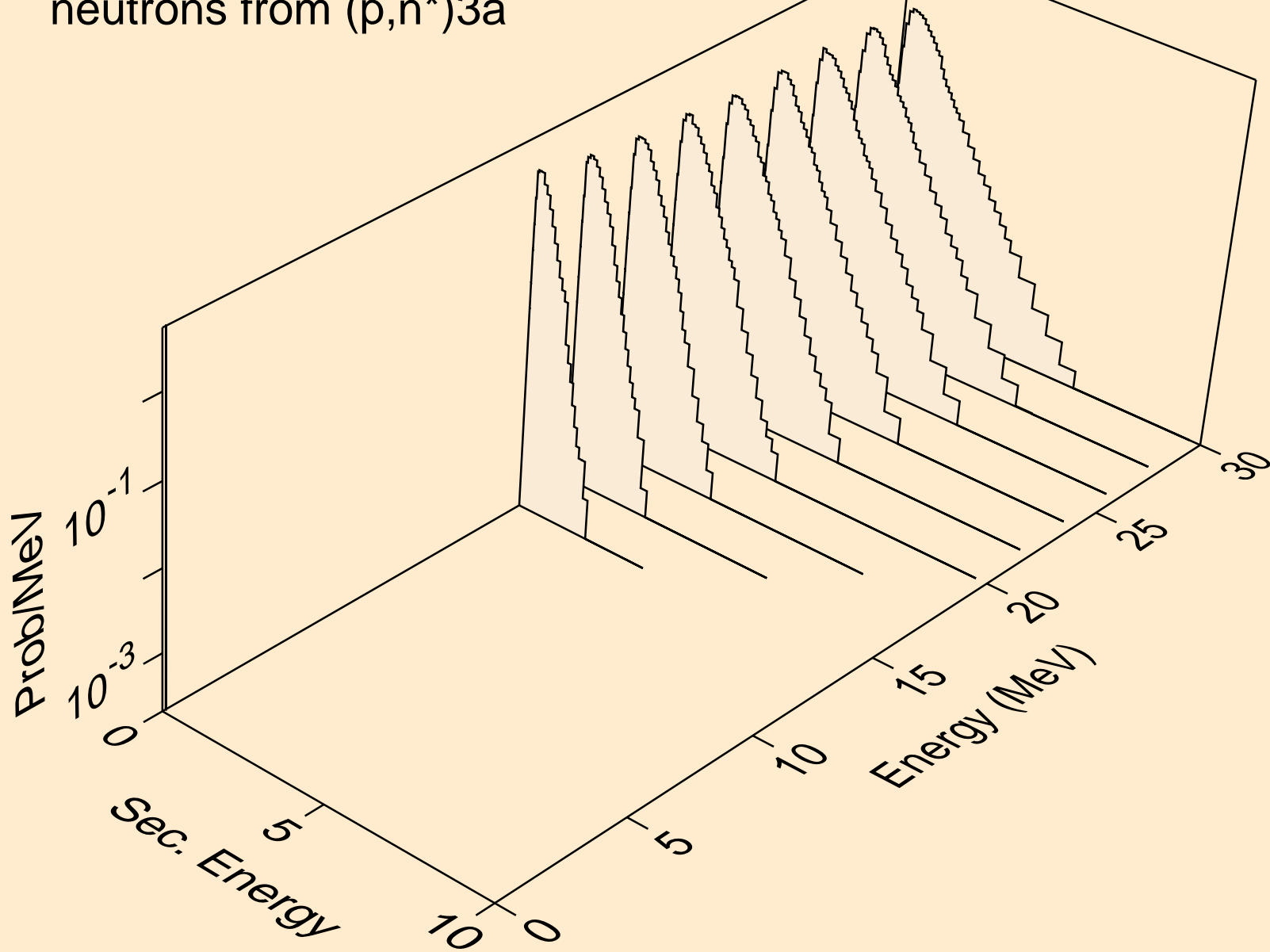




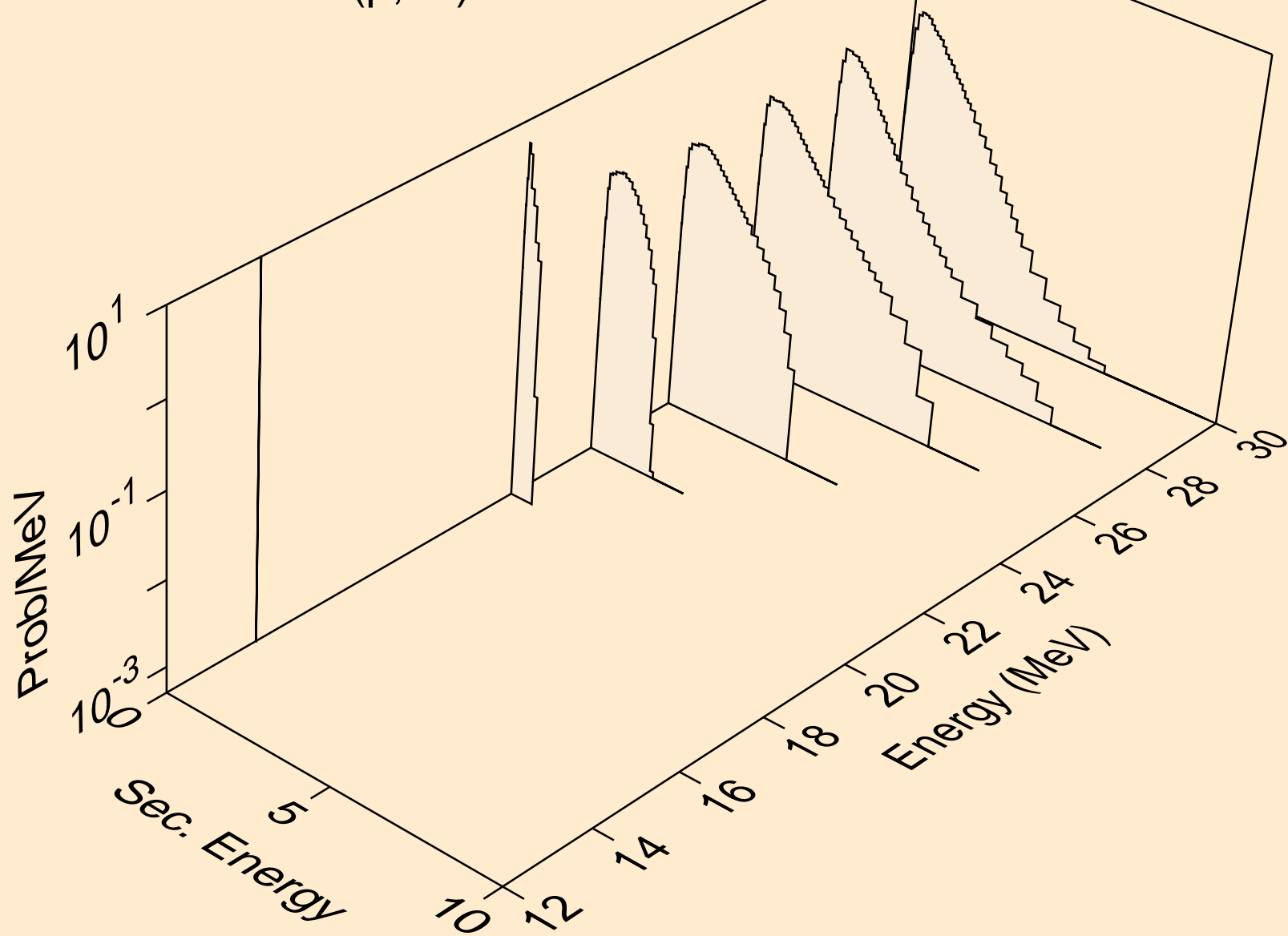
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



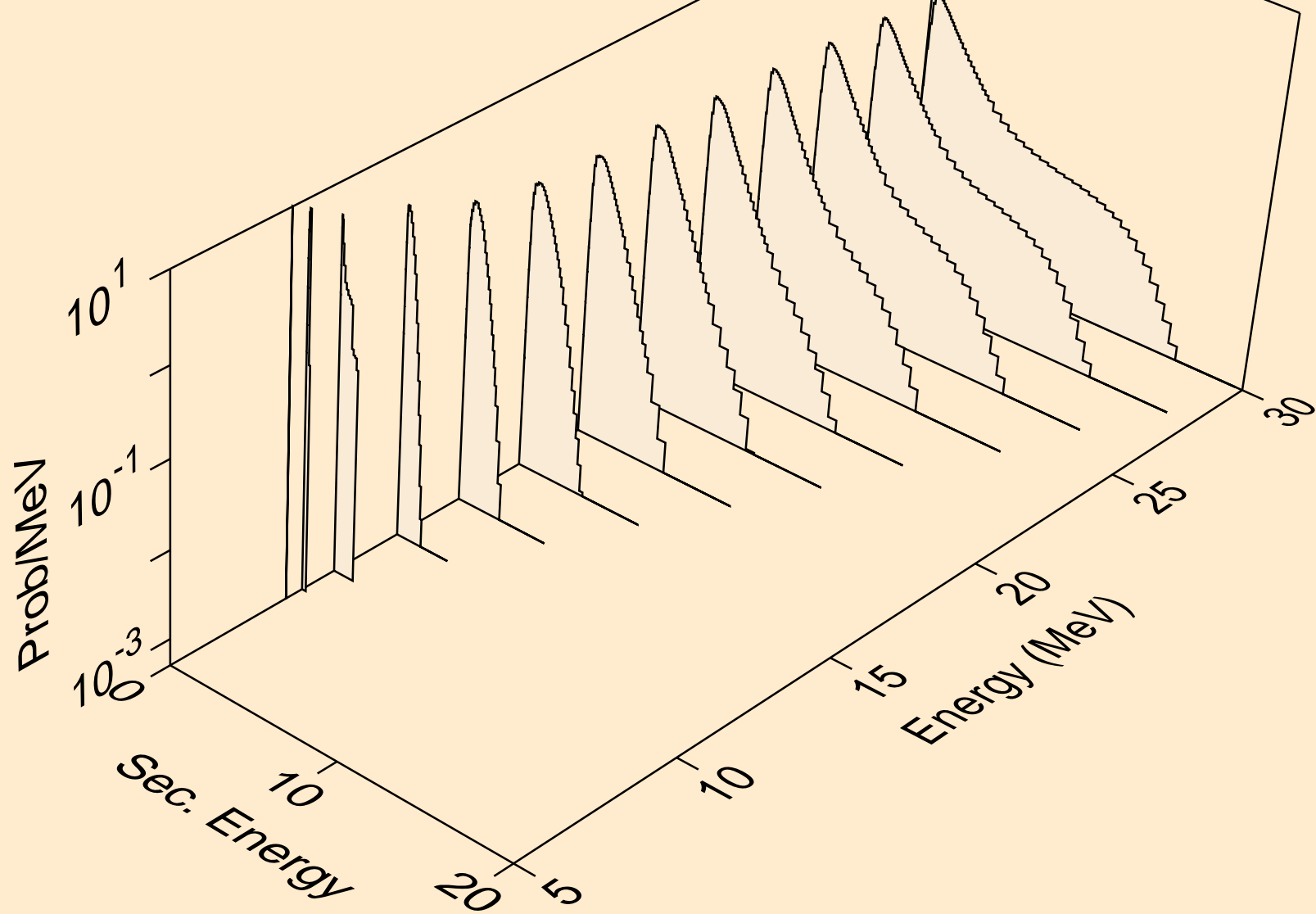
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)3a



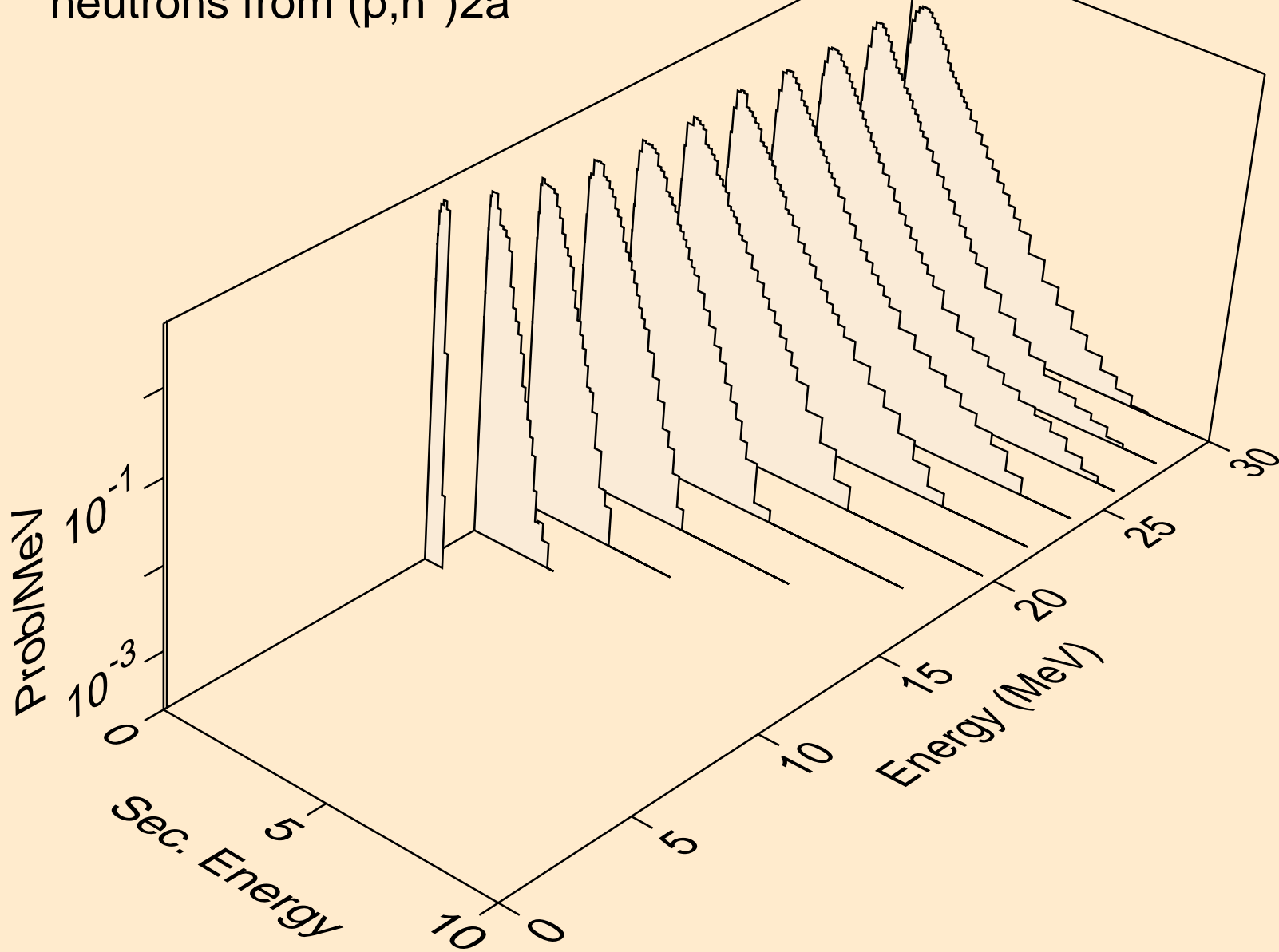
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



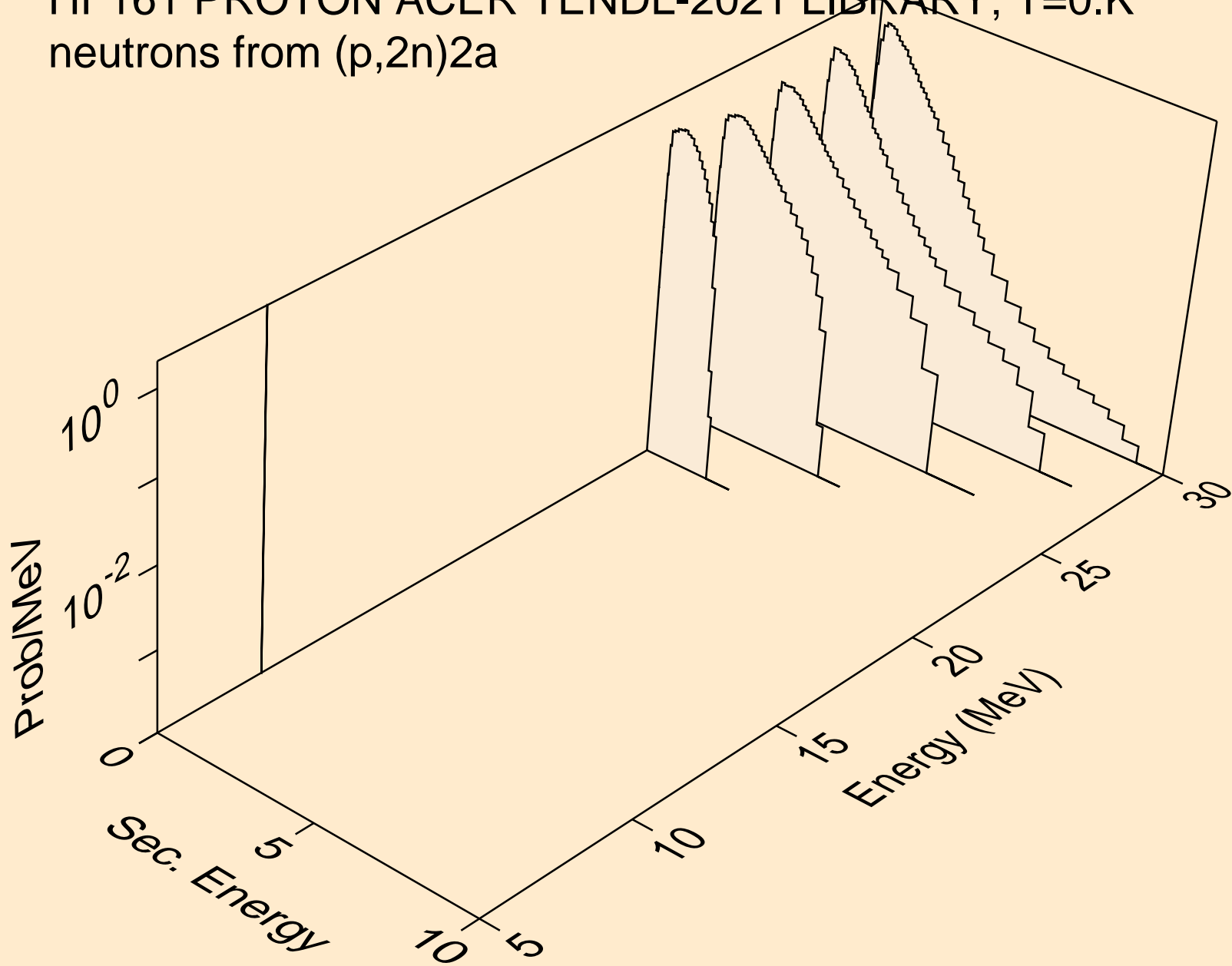
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



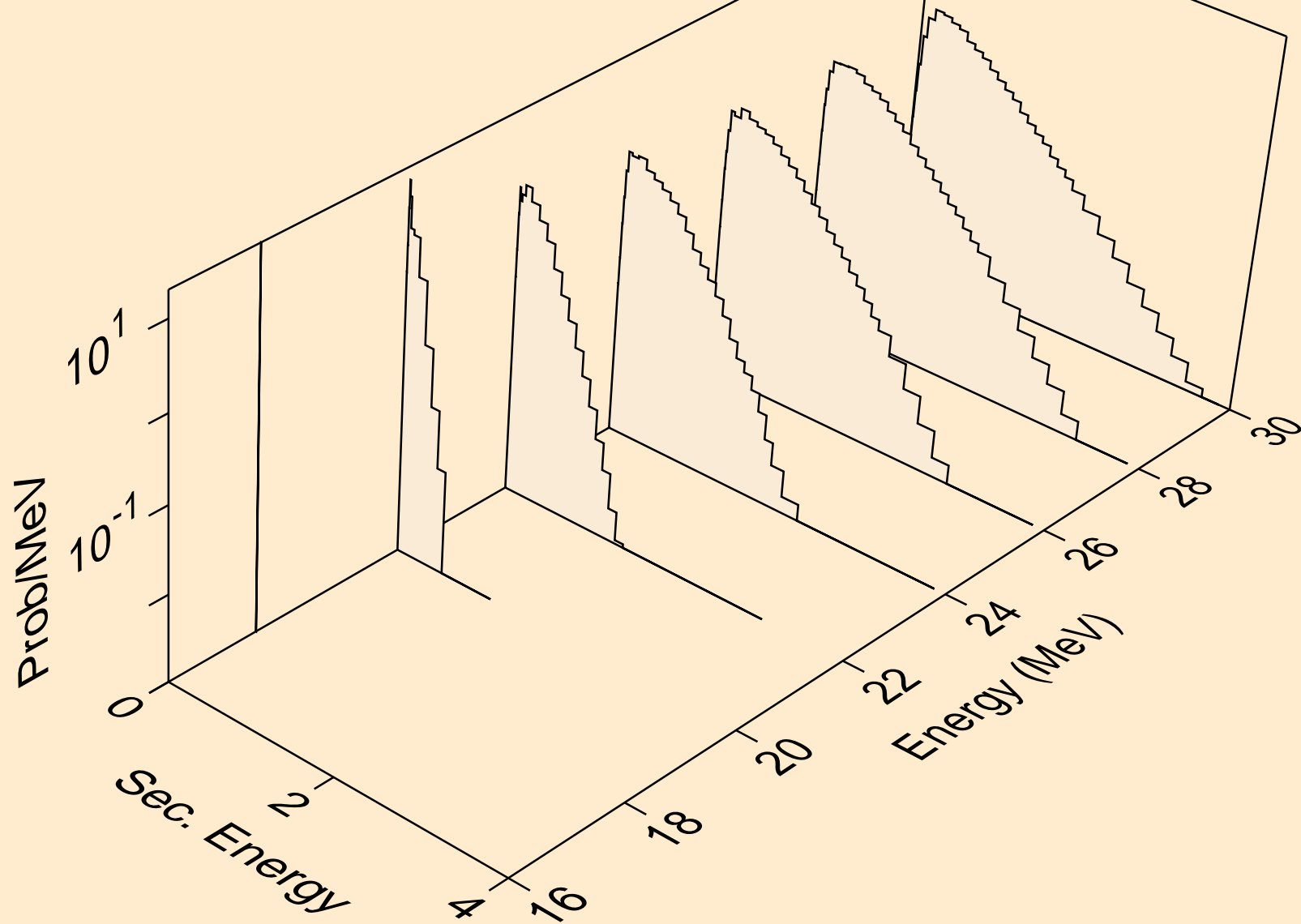
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



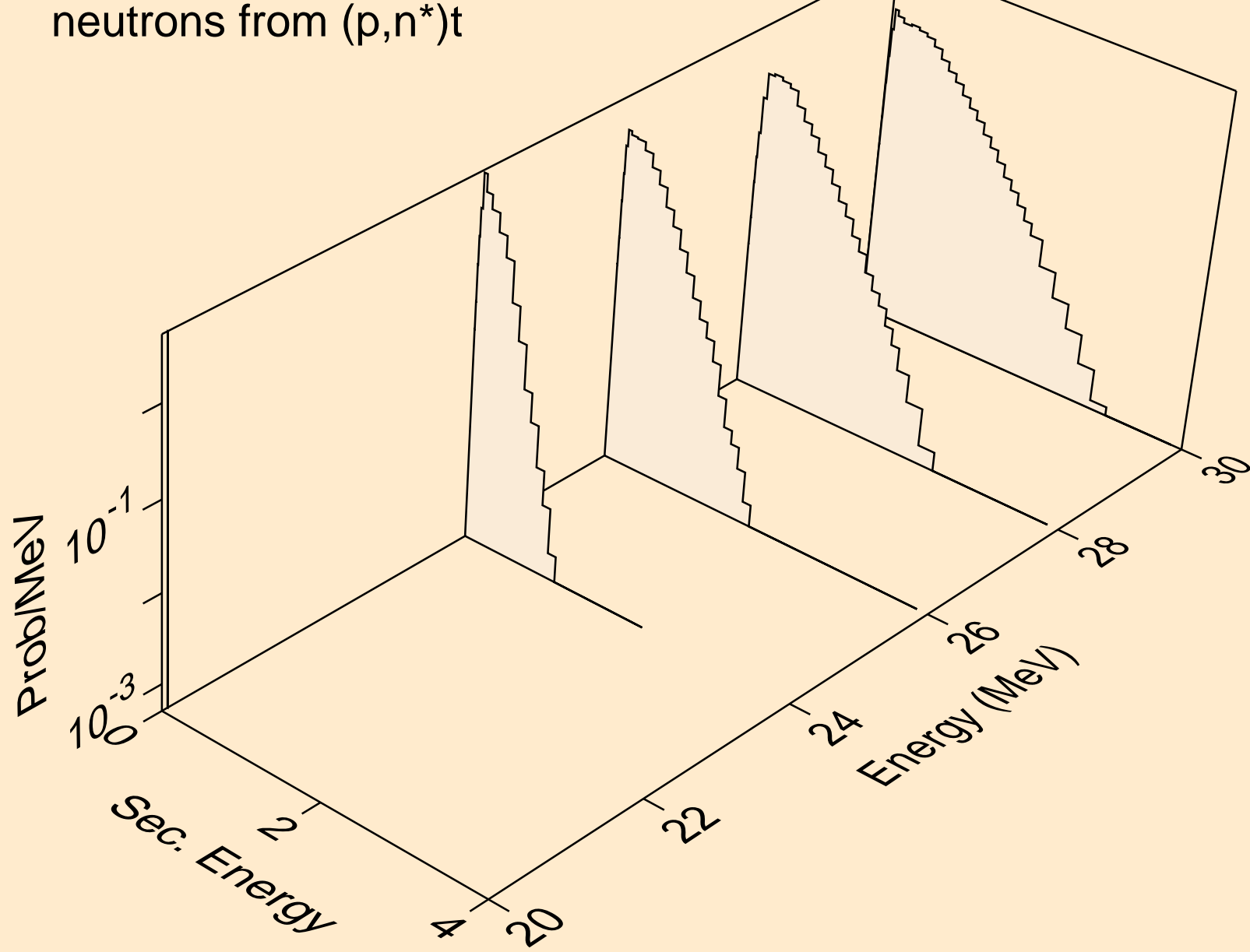
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)2a



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

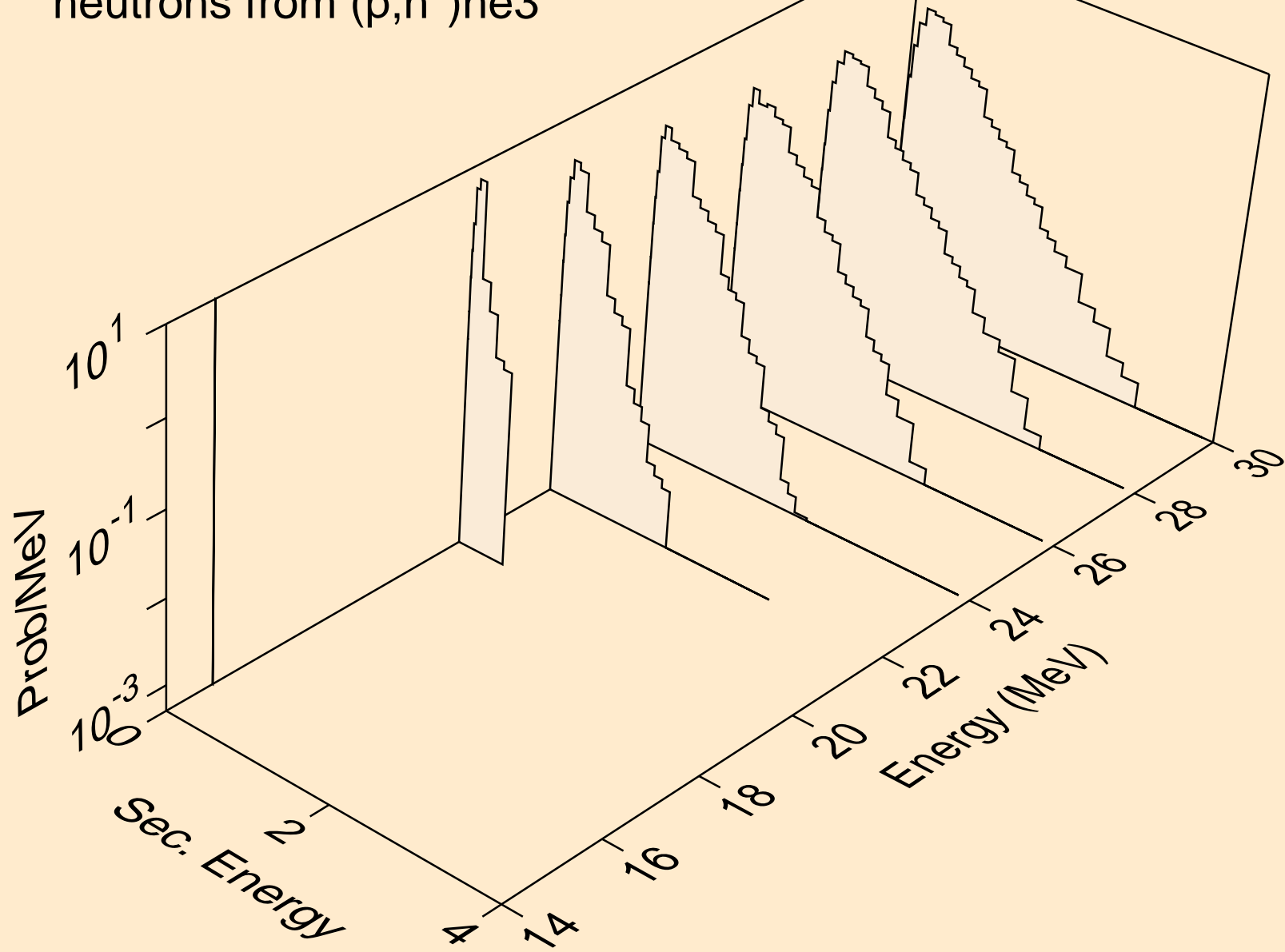


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

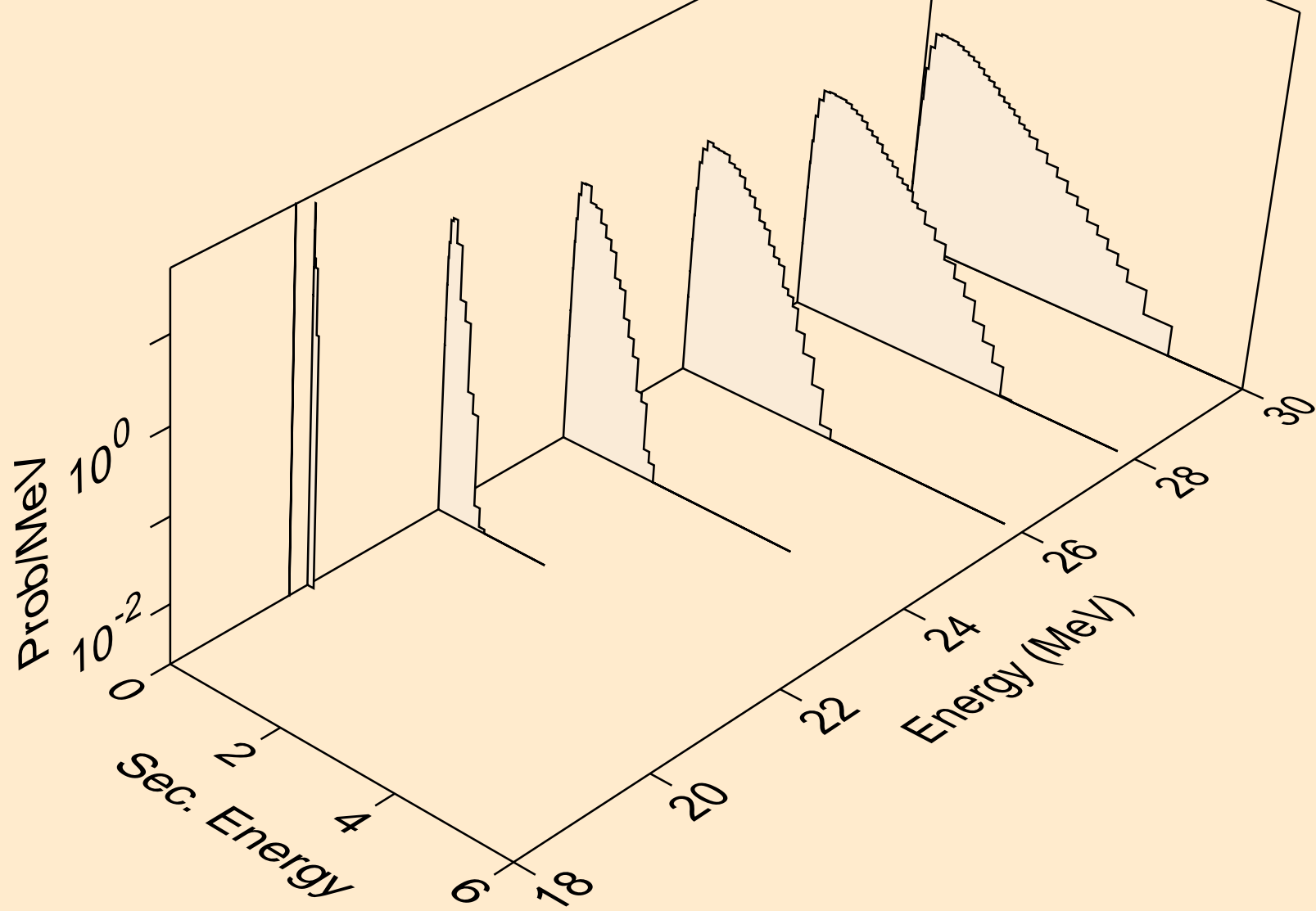




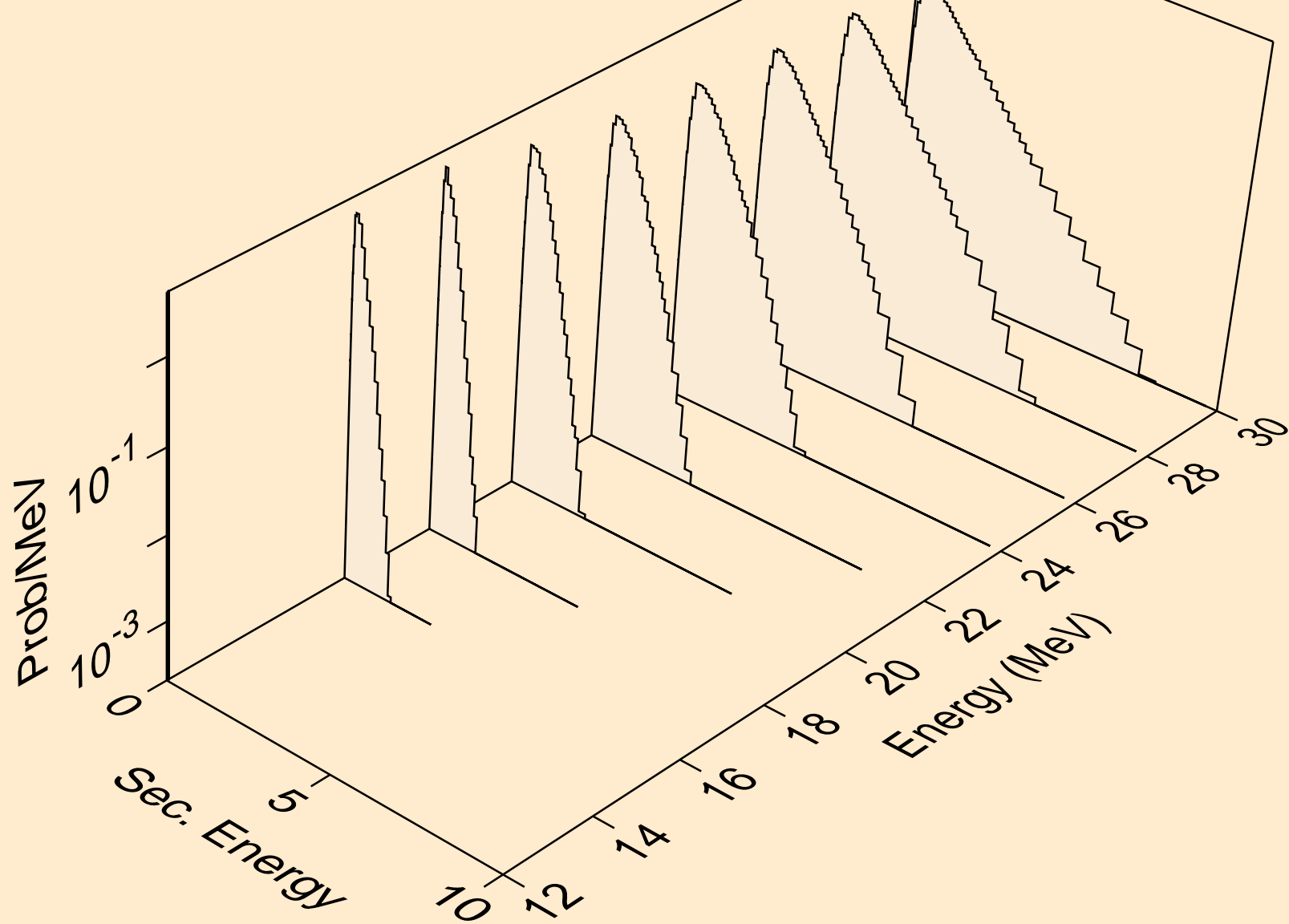
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



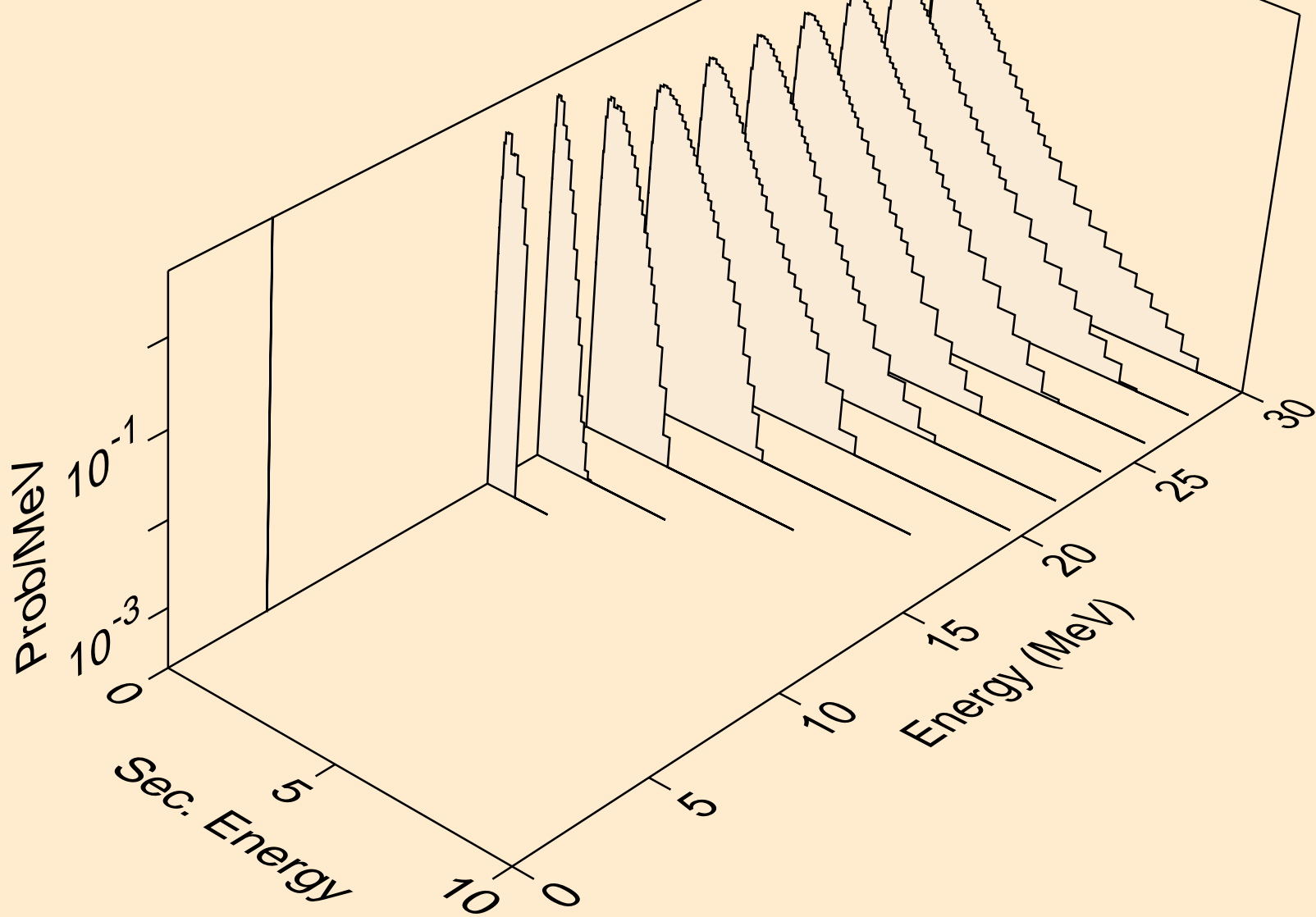
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



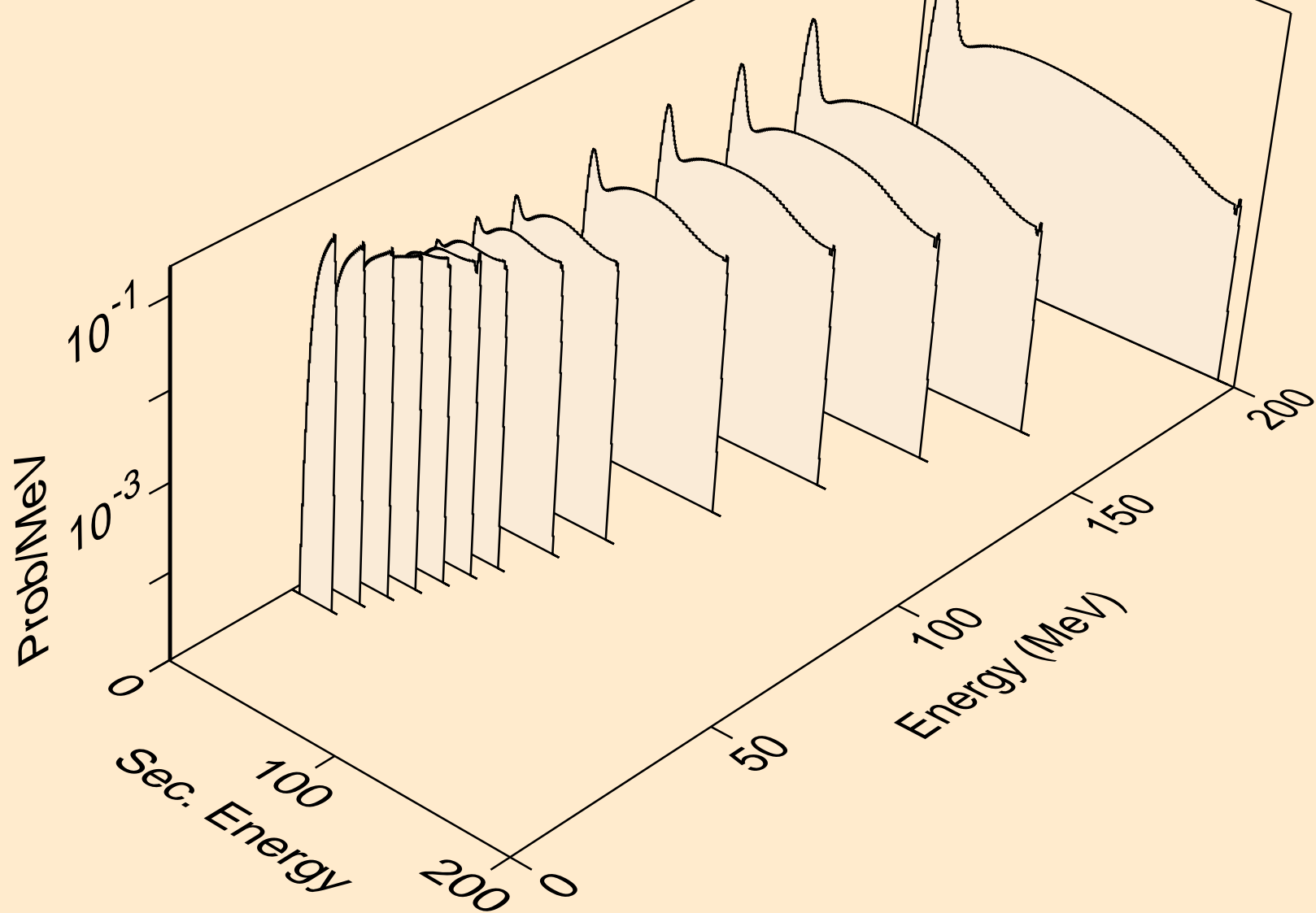
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



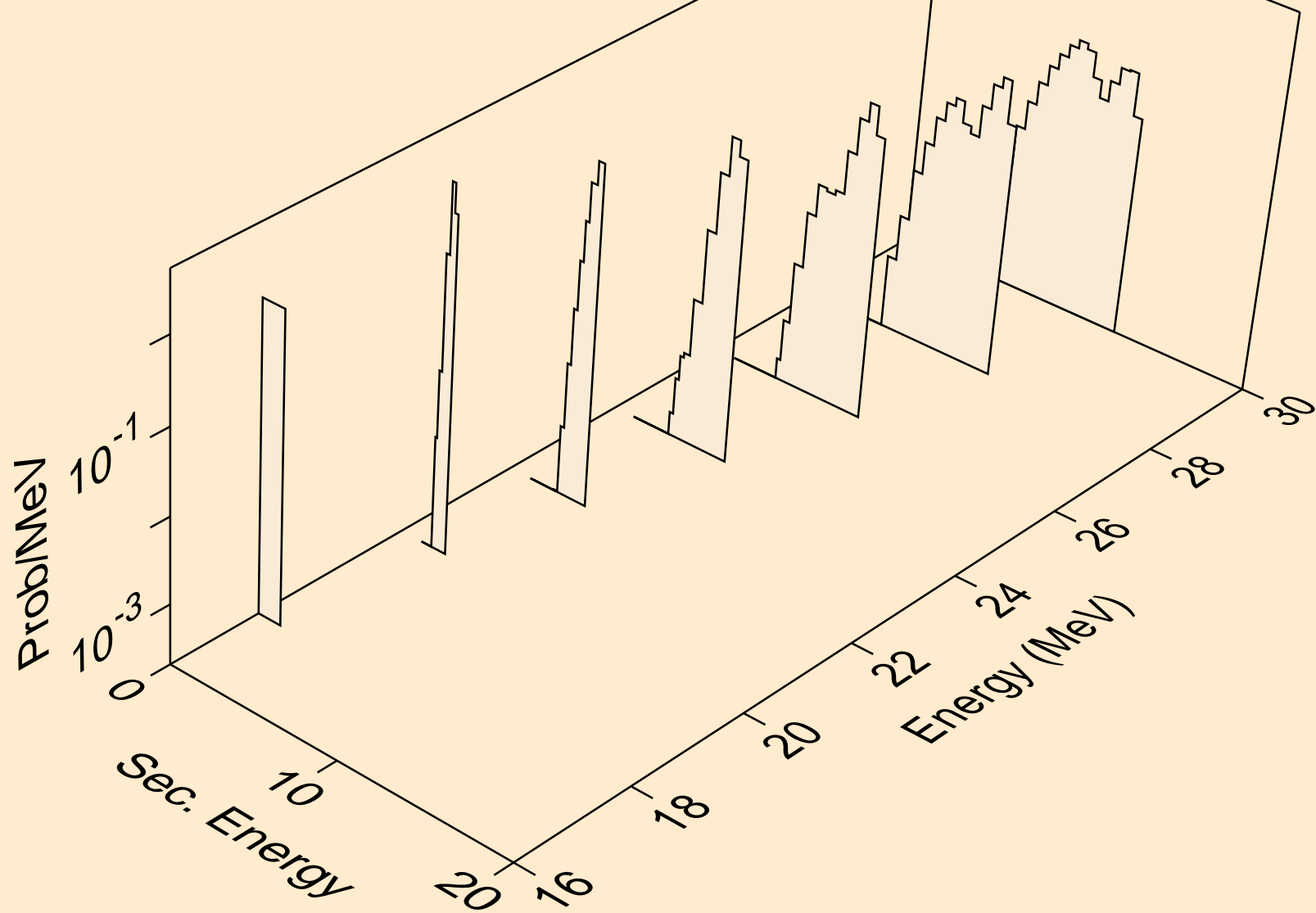
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



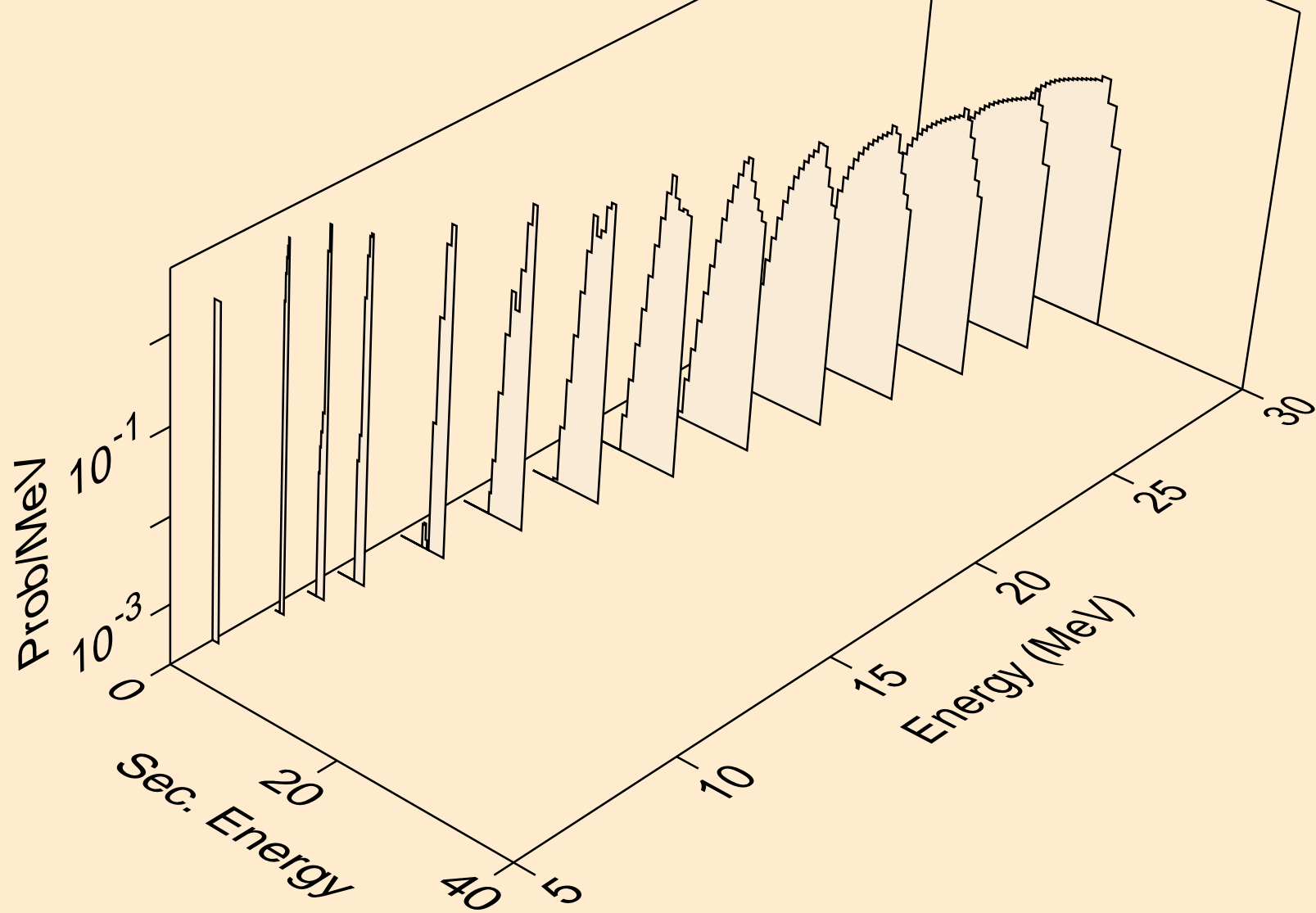
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



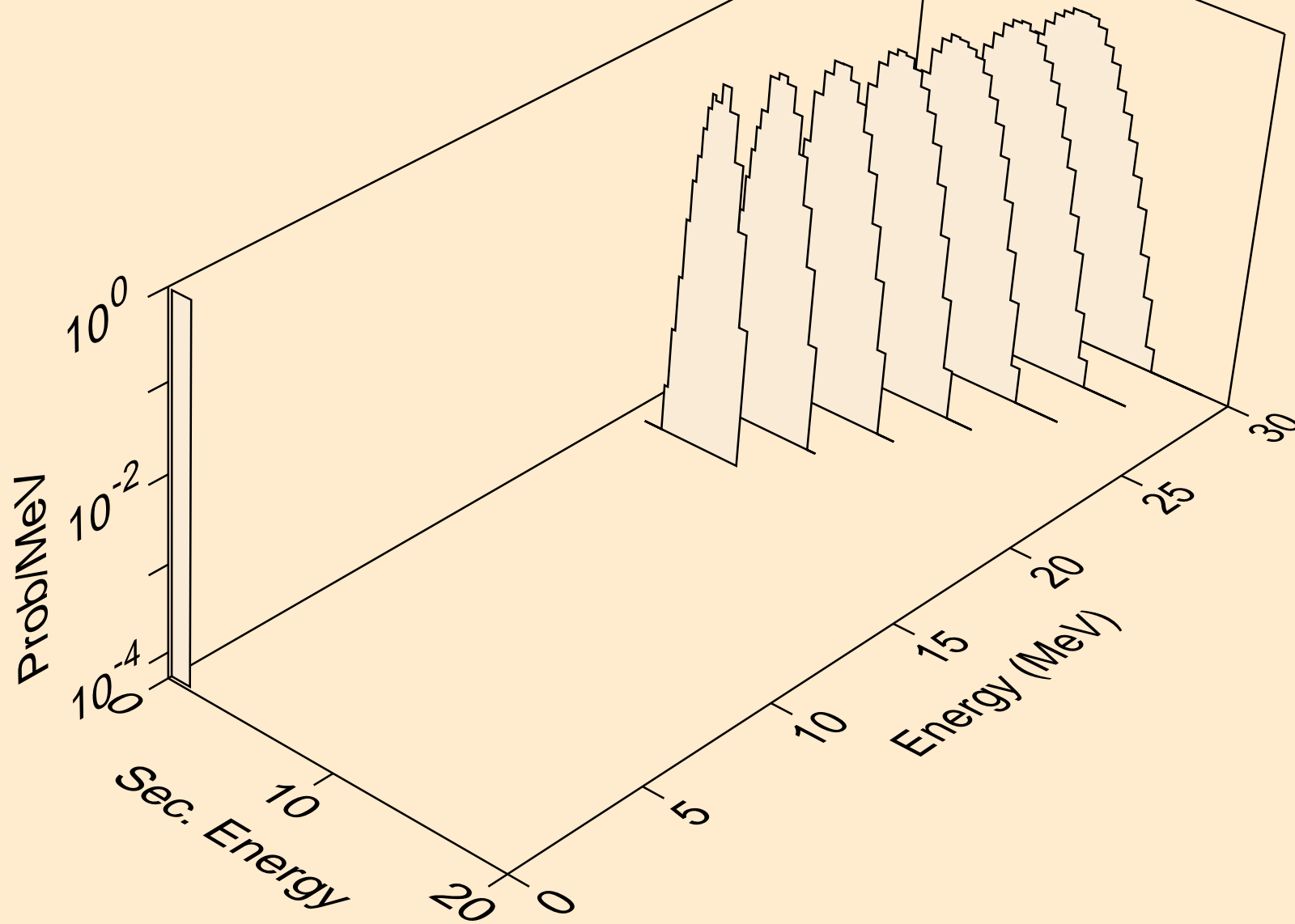
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)

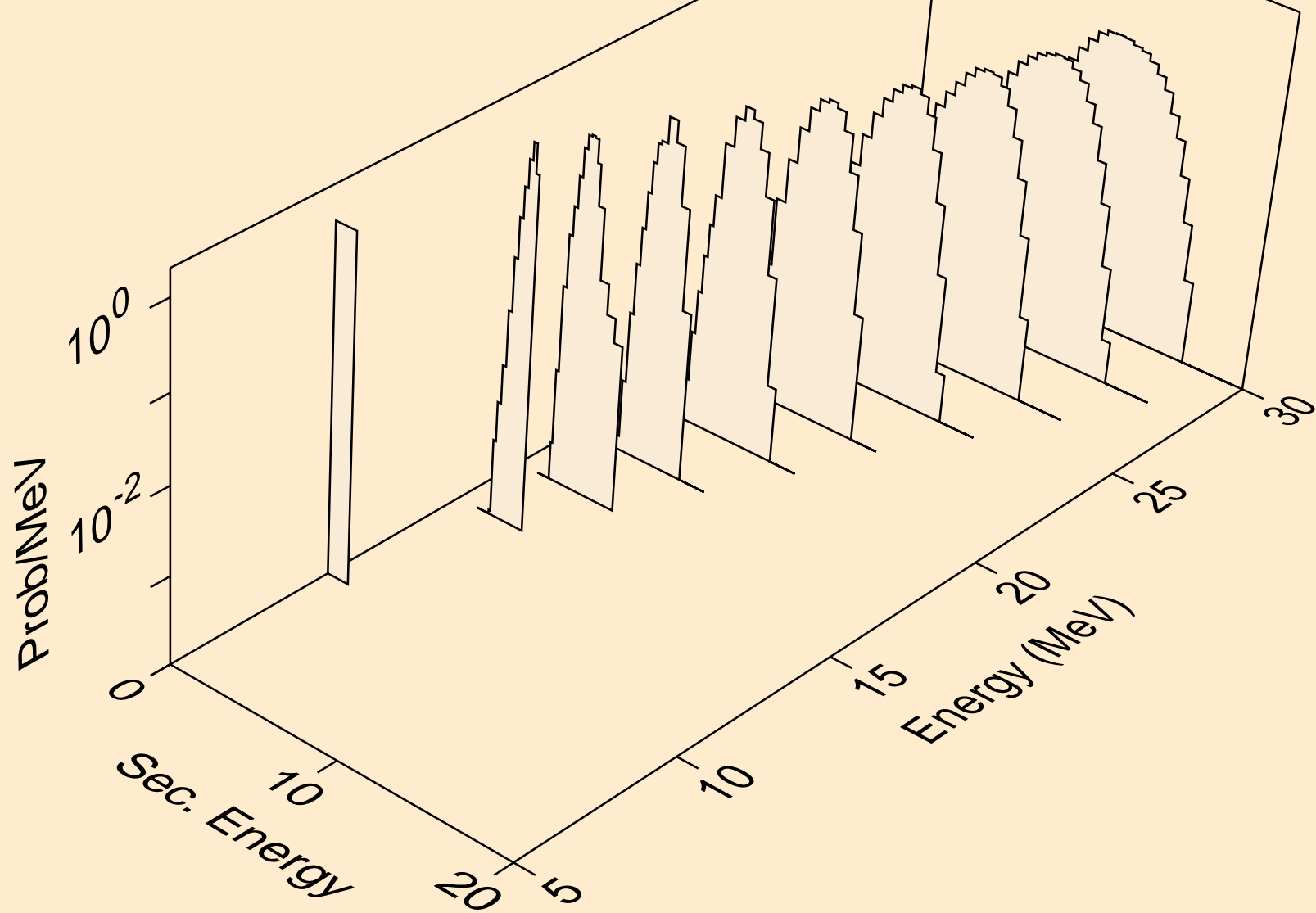


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d2a)

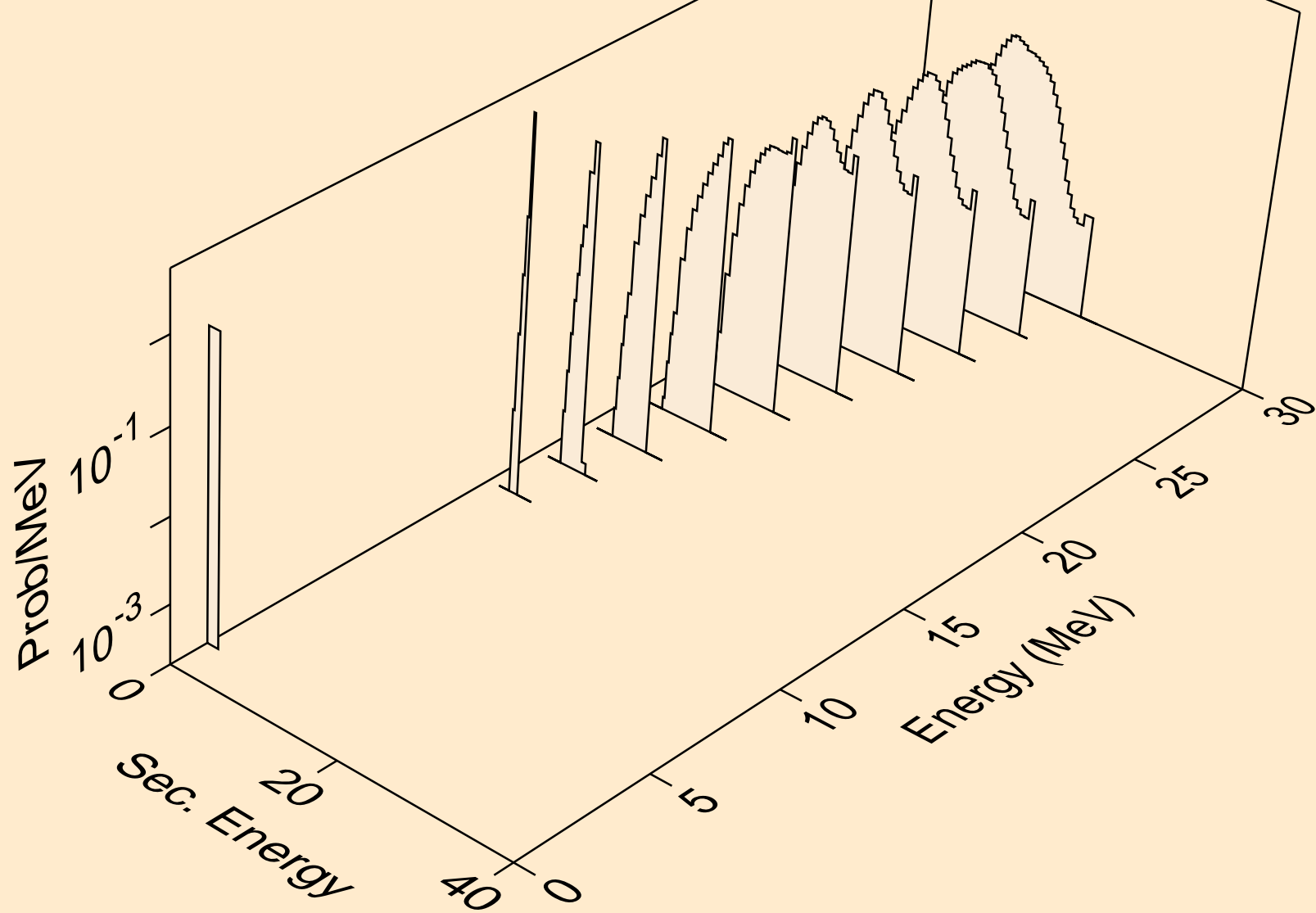




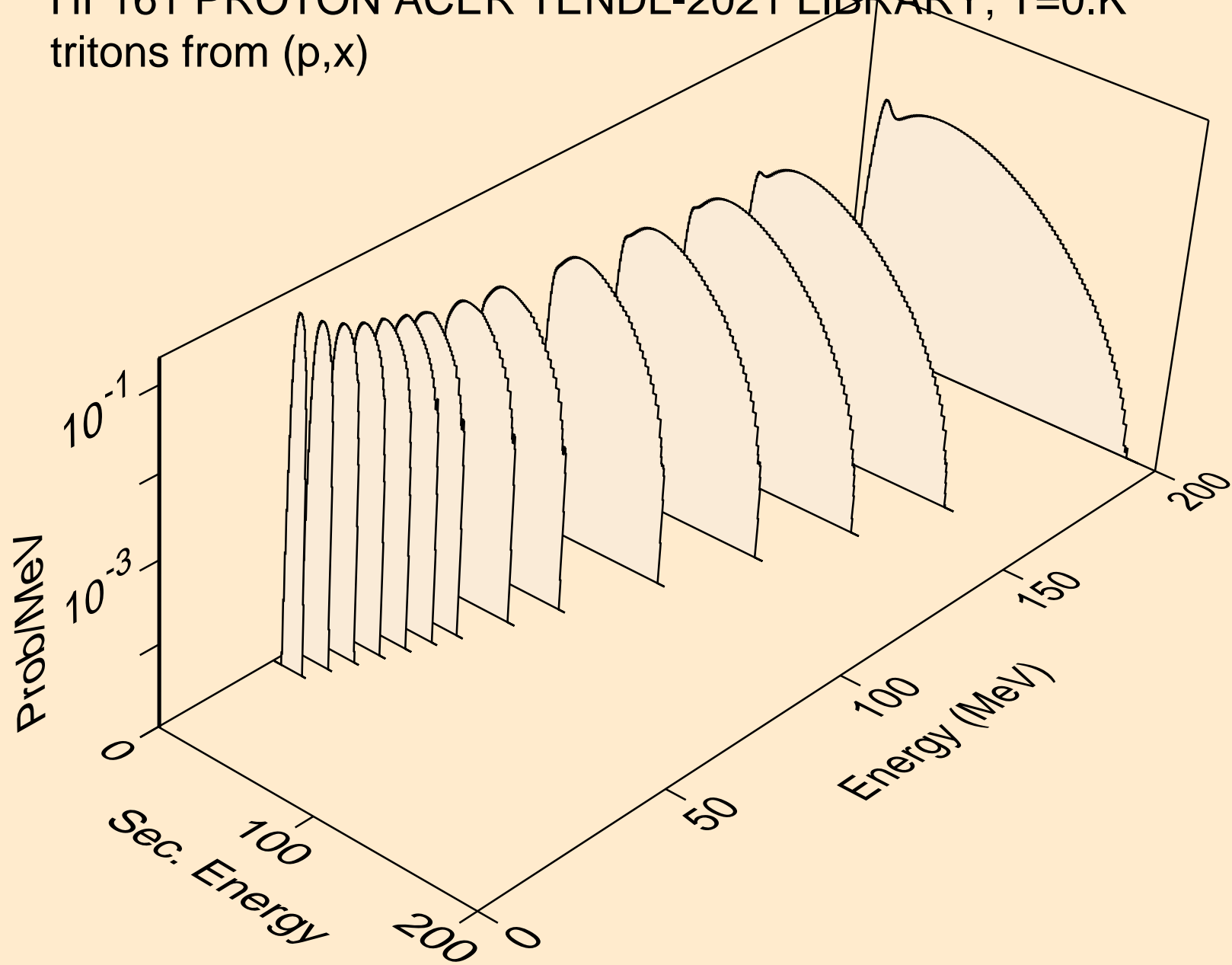
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



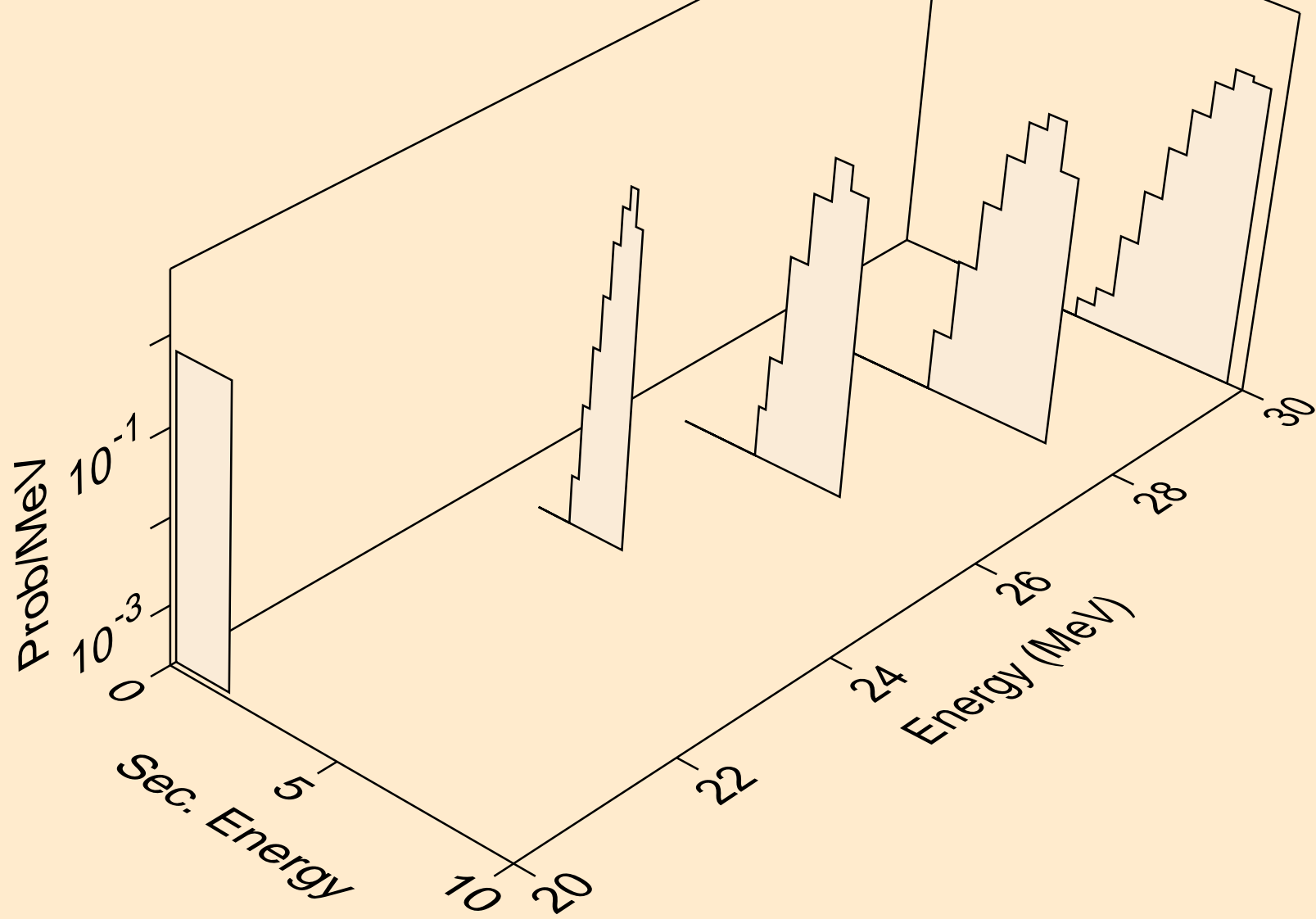
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



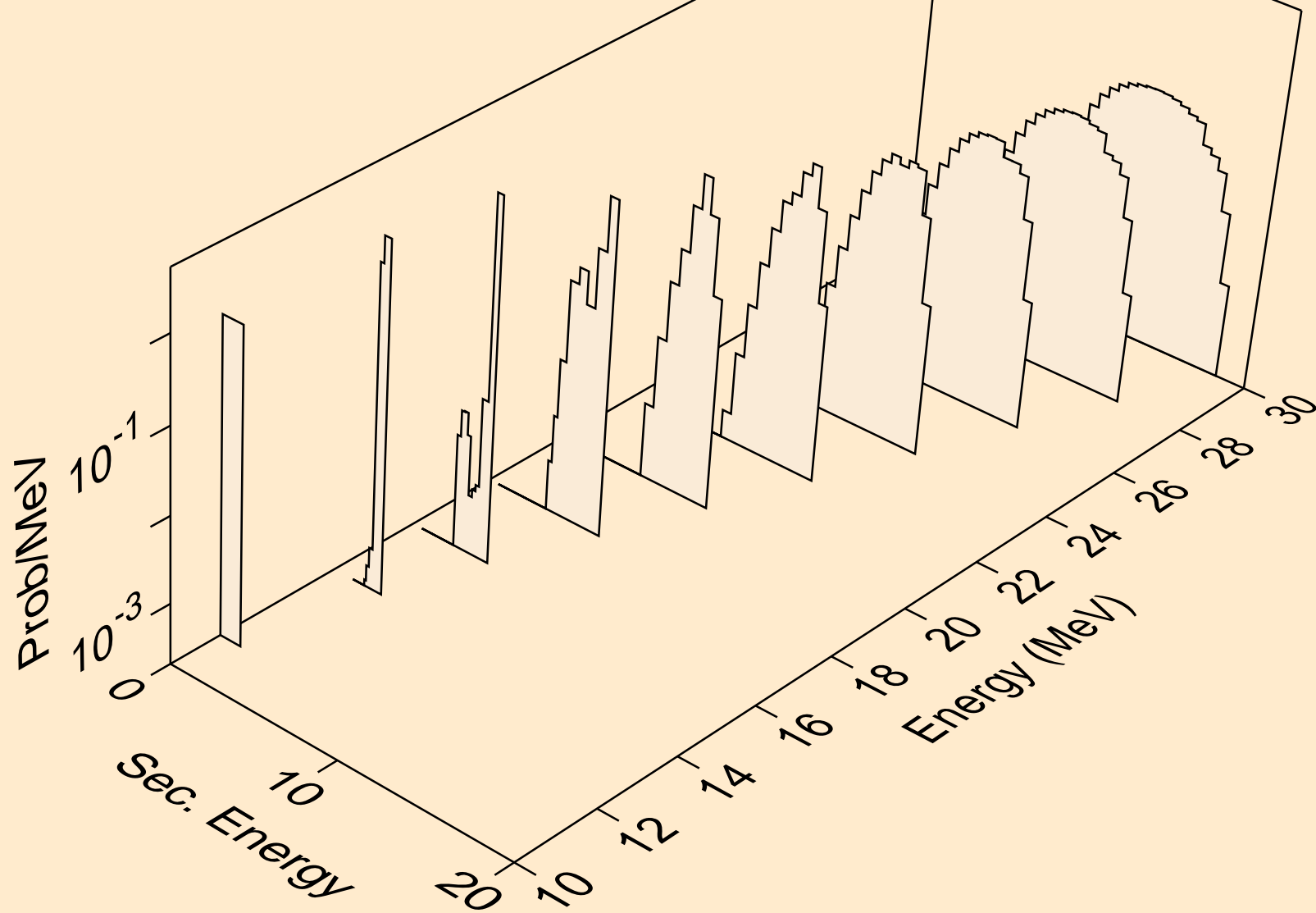
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



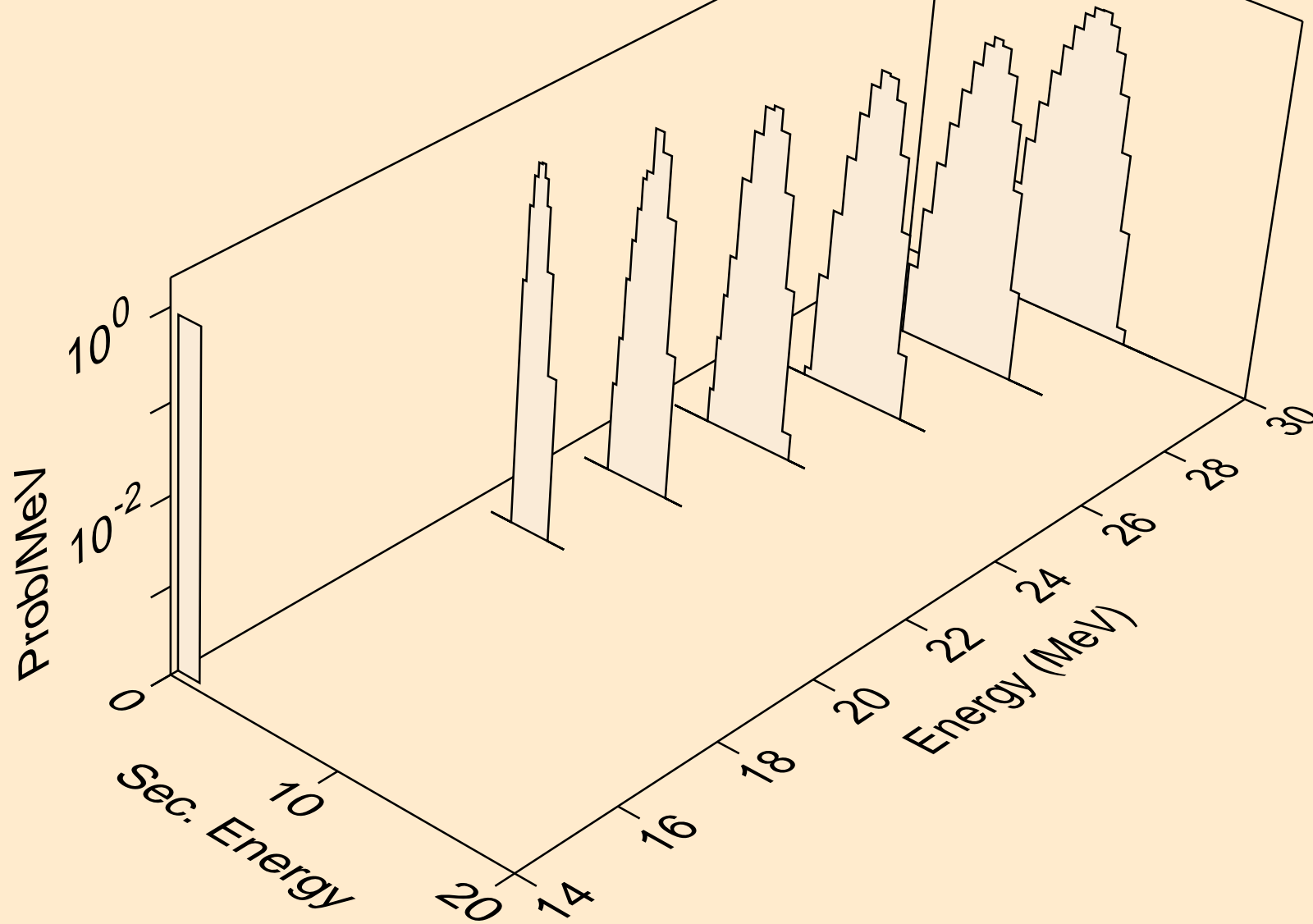
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



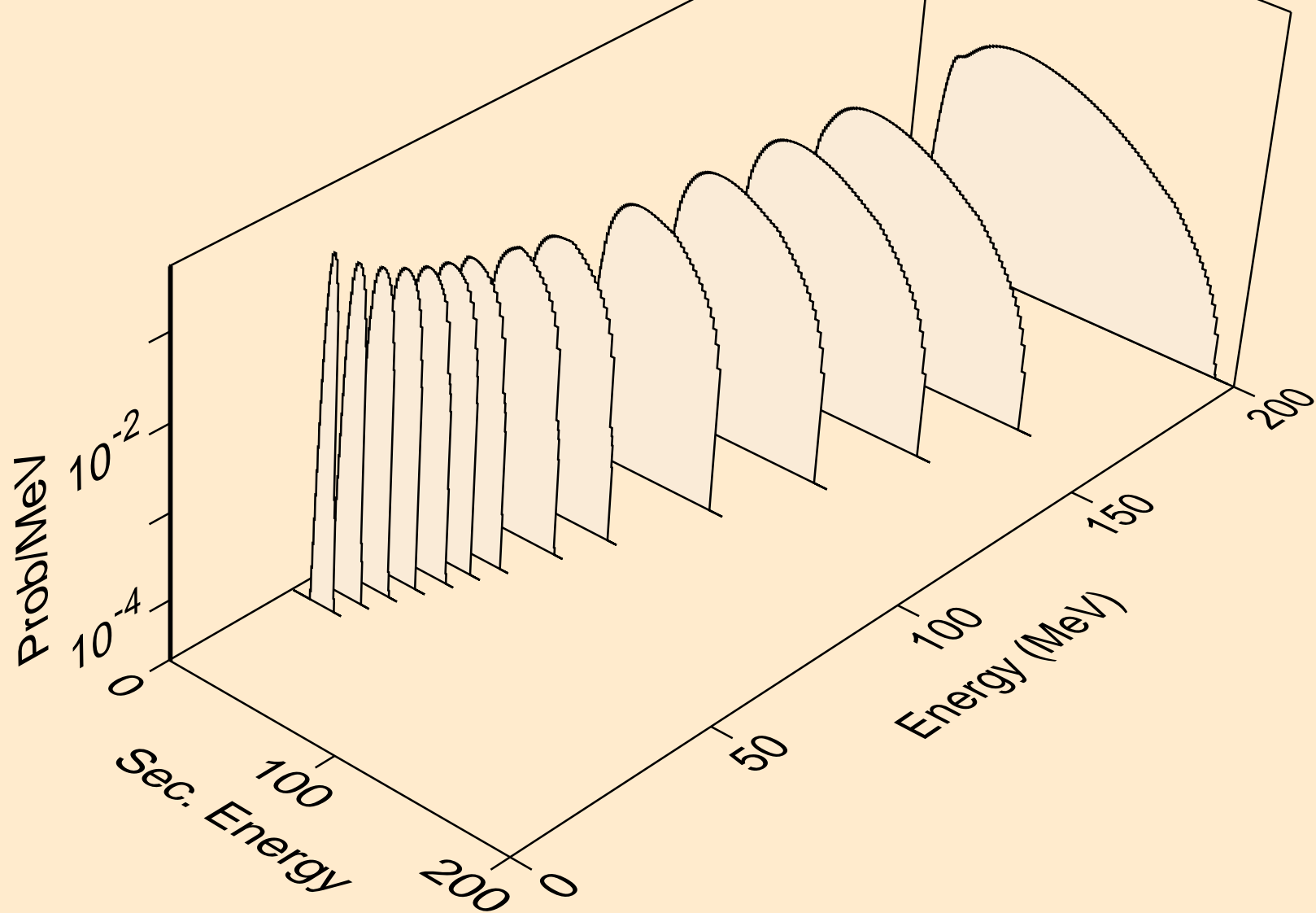
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



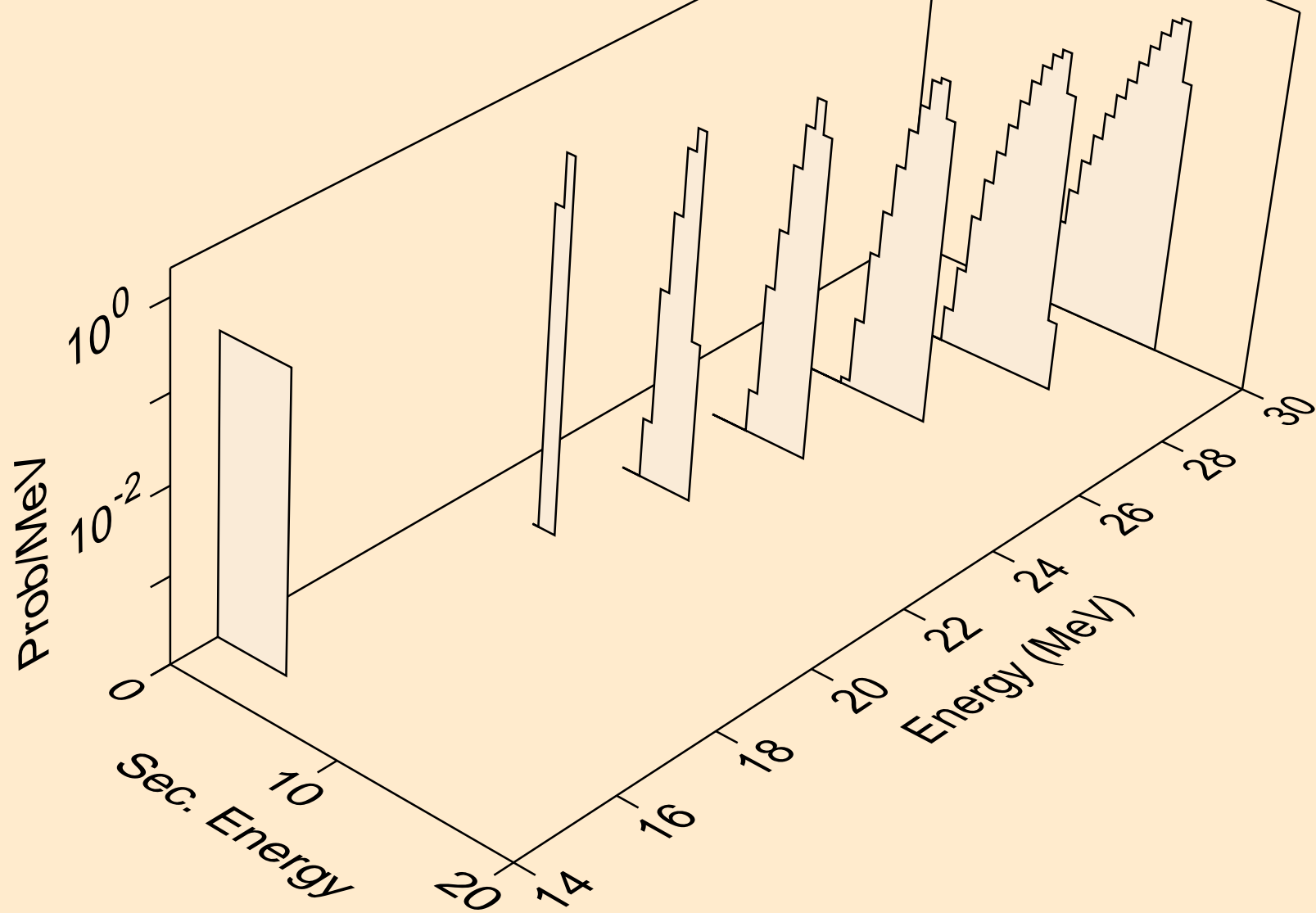
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

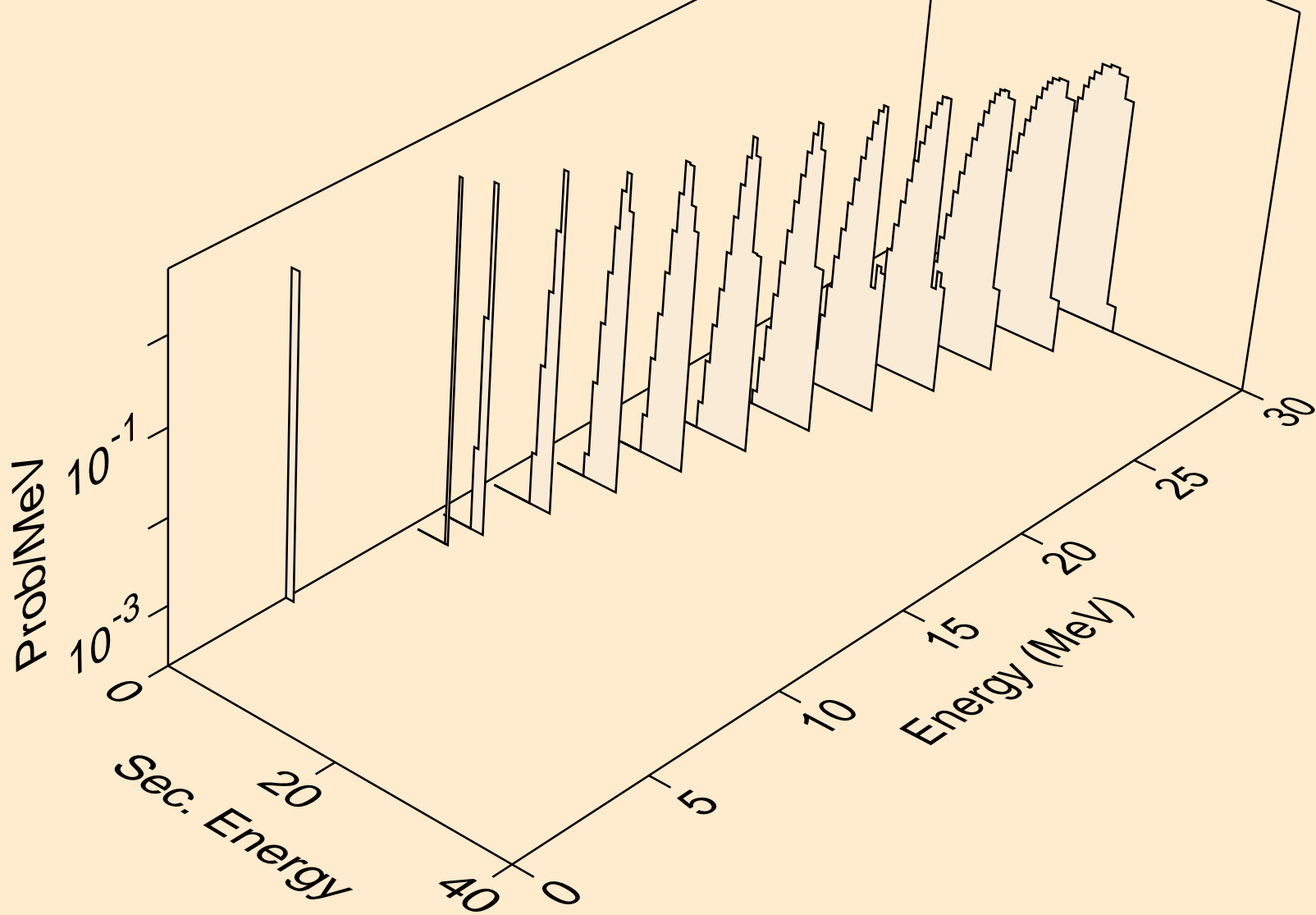


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3

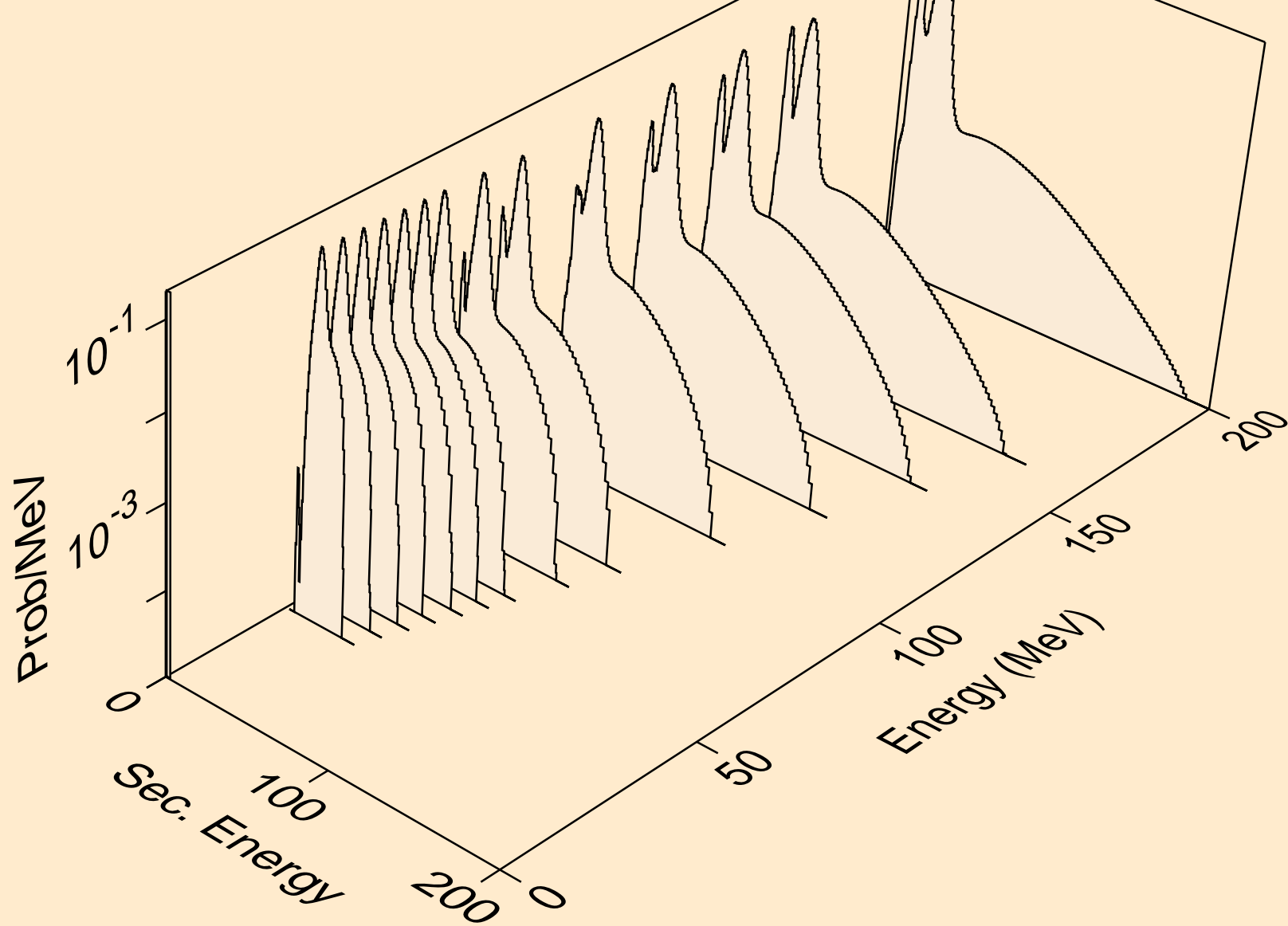




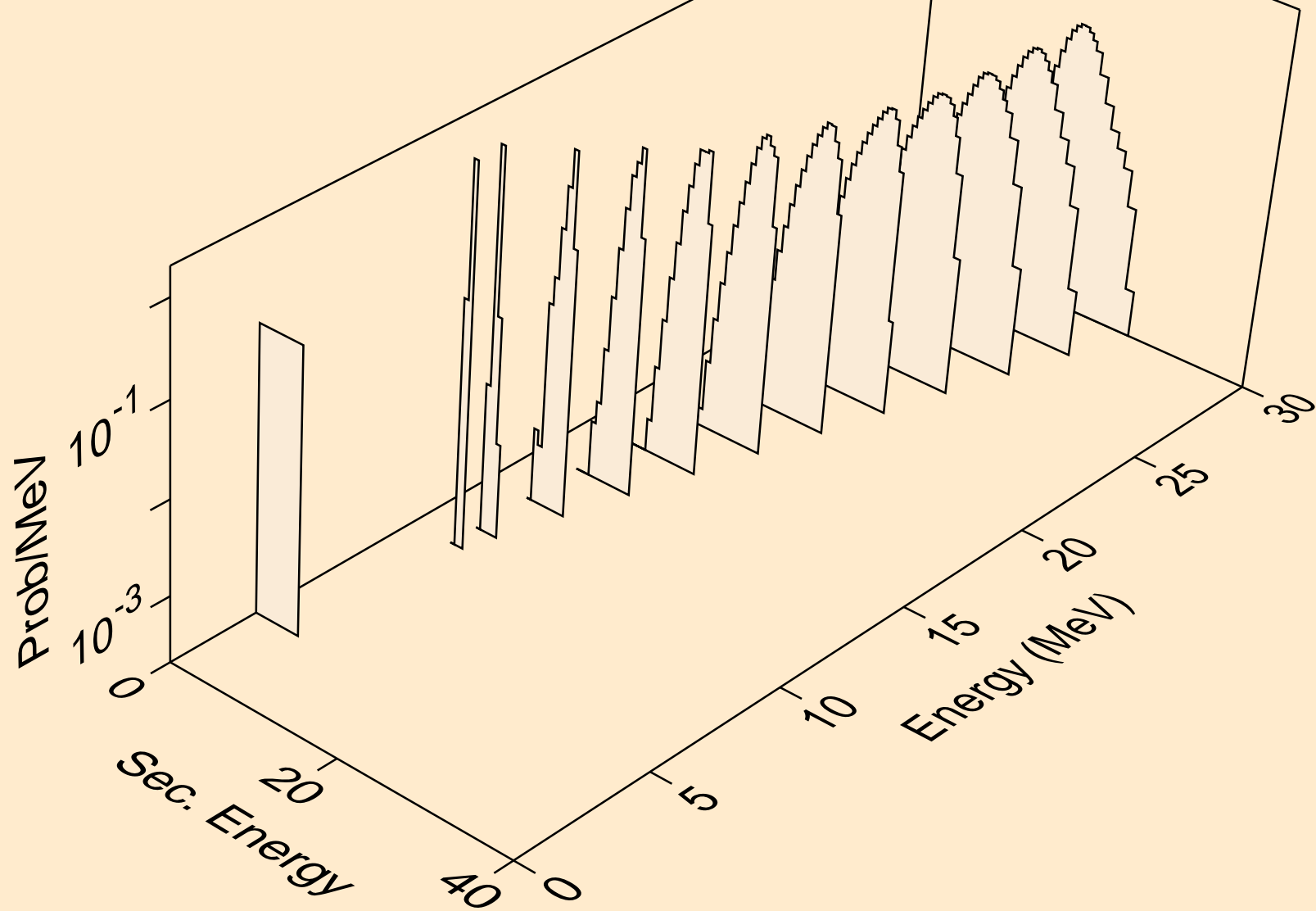
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



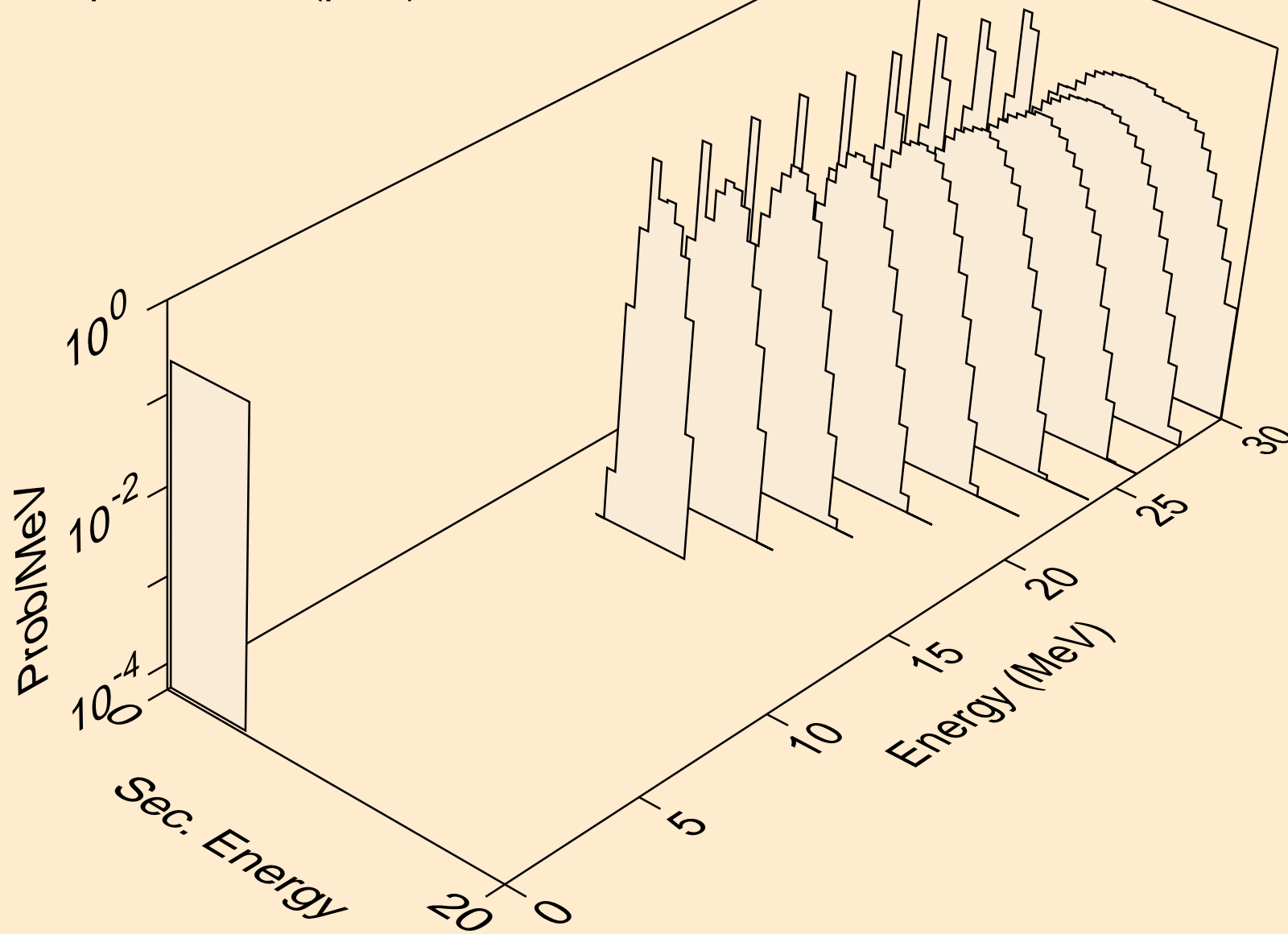
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



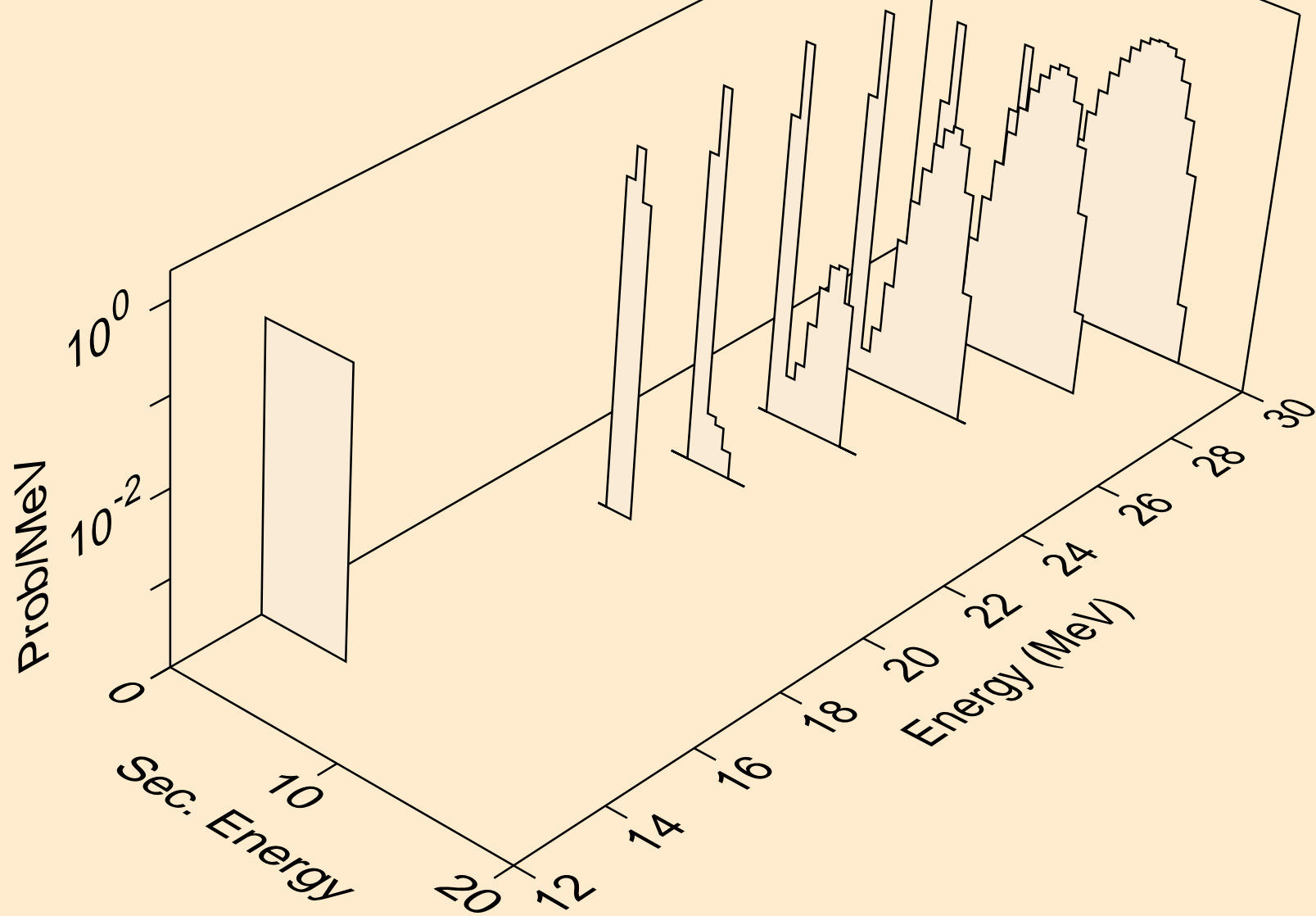
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



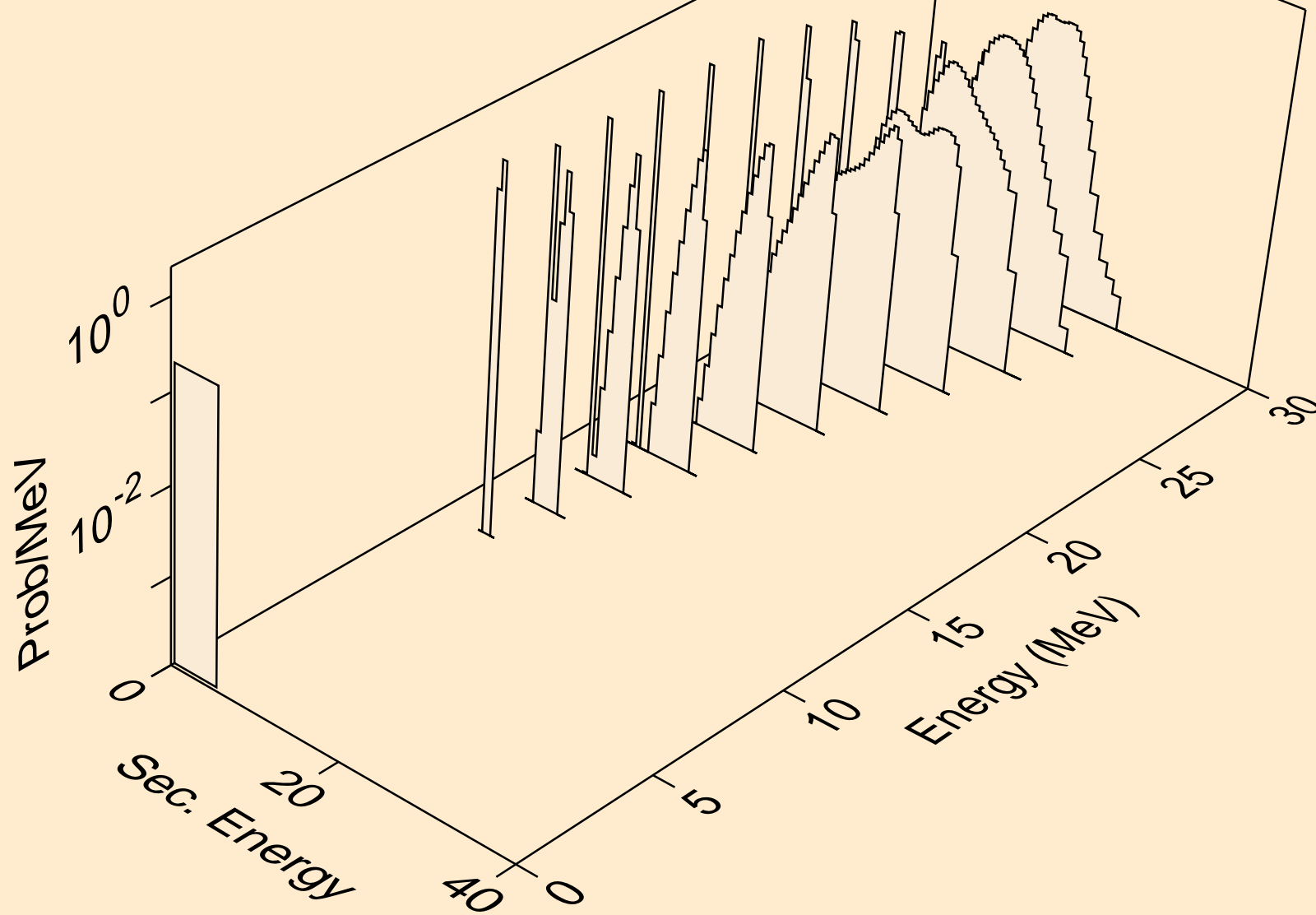
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)3a



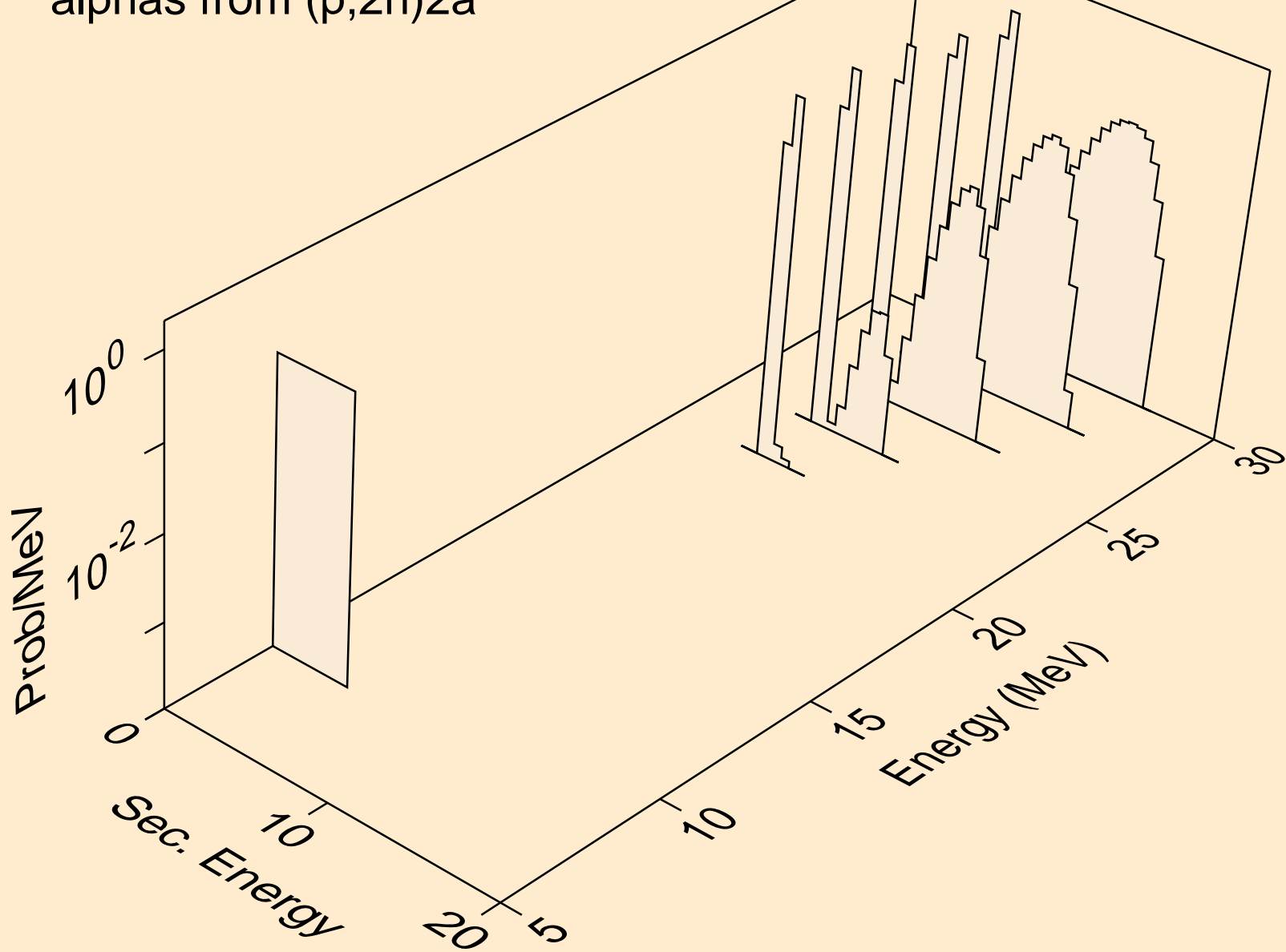
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



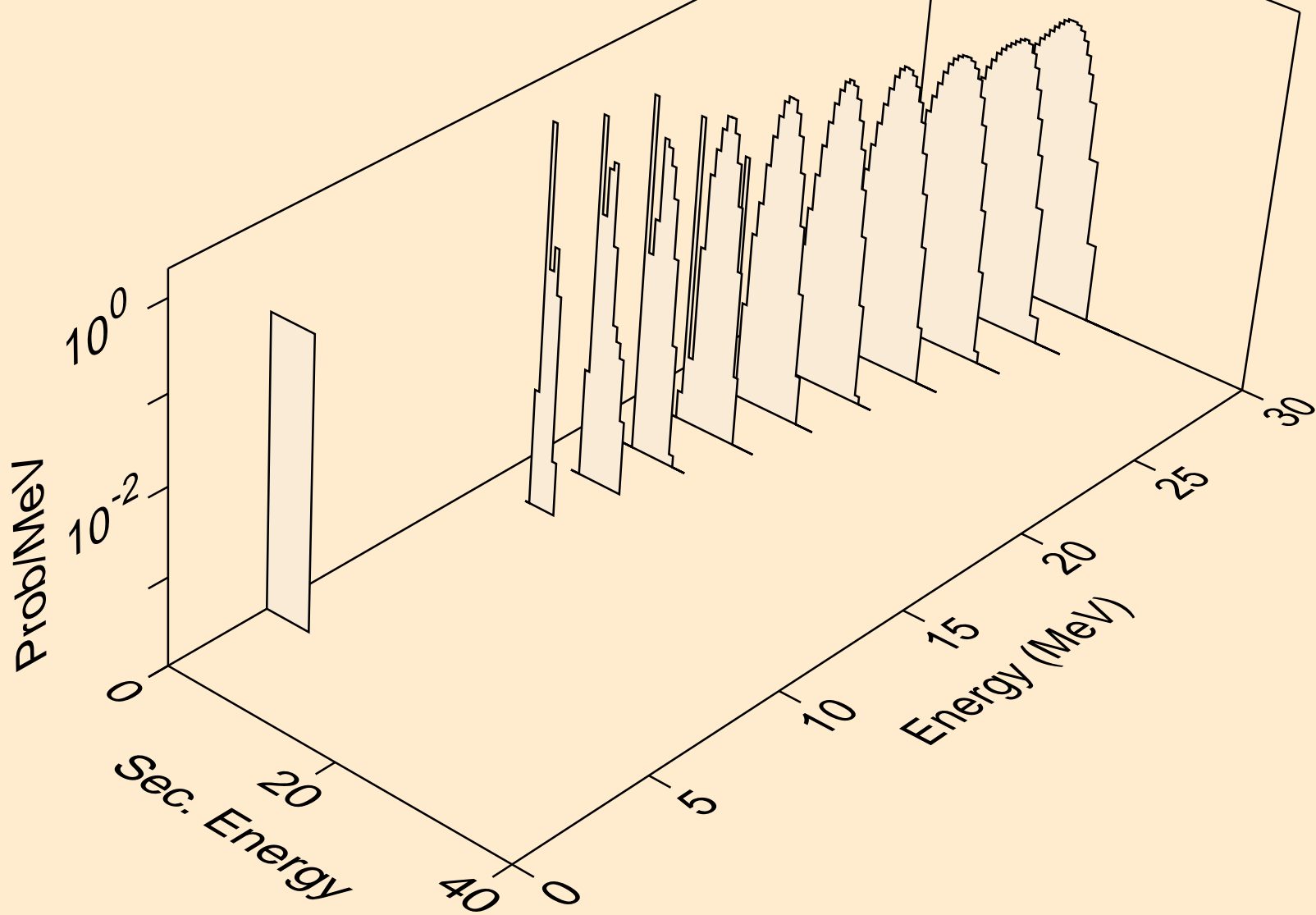
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)2a

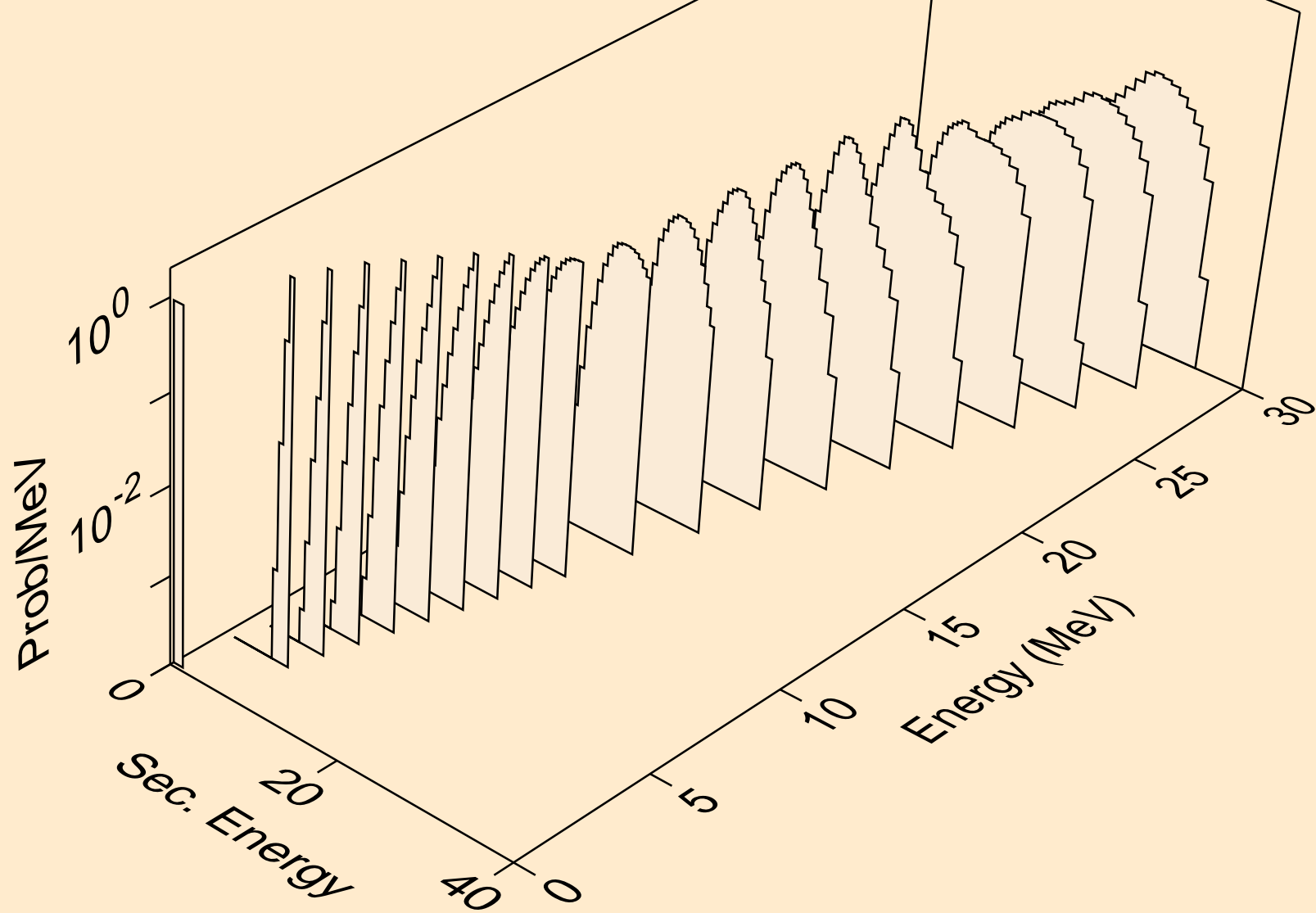


HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

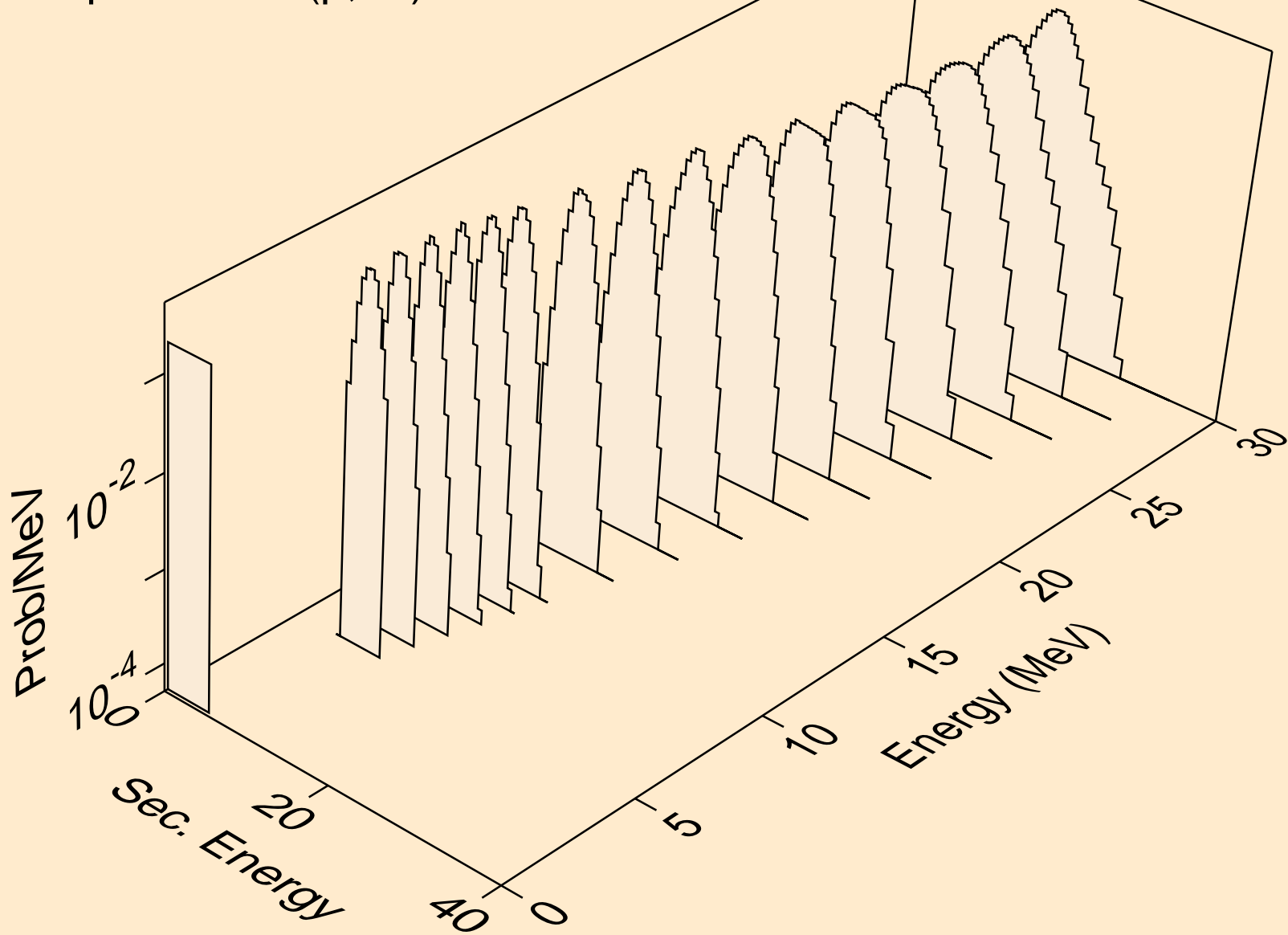




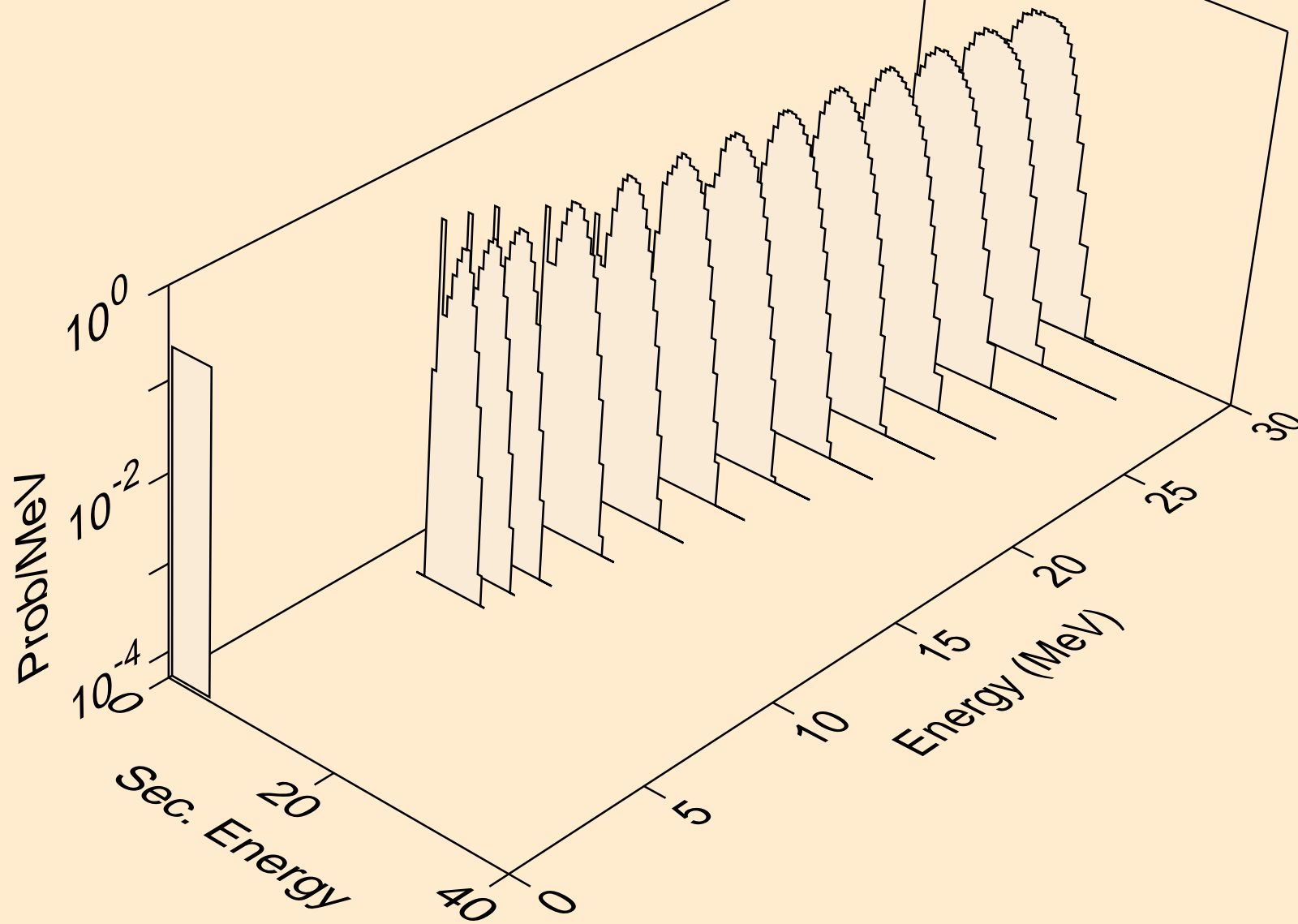
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



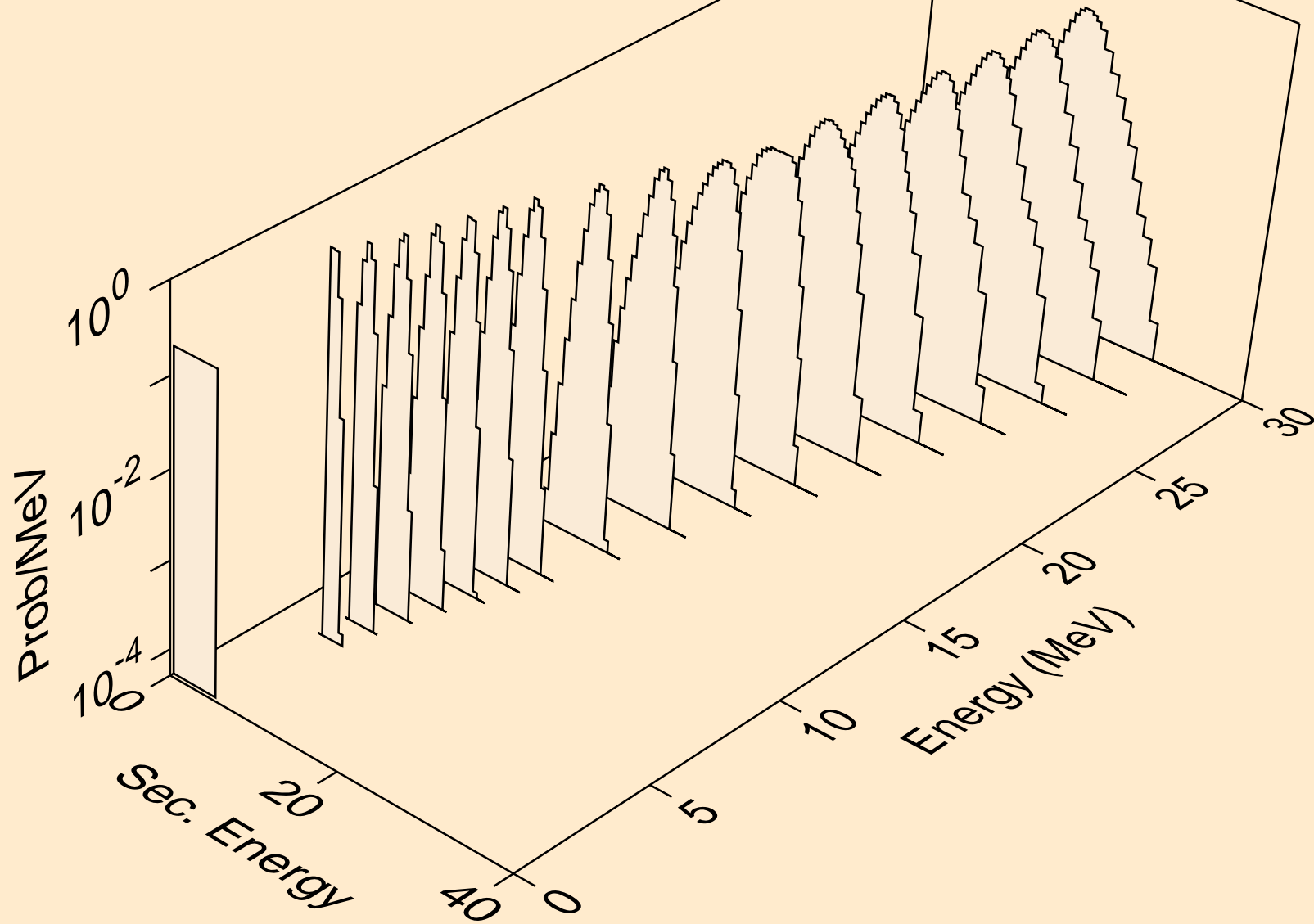
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



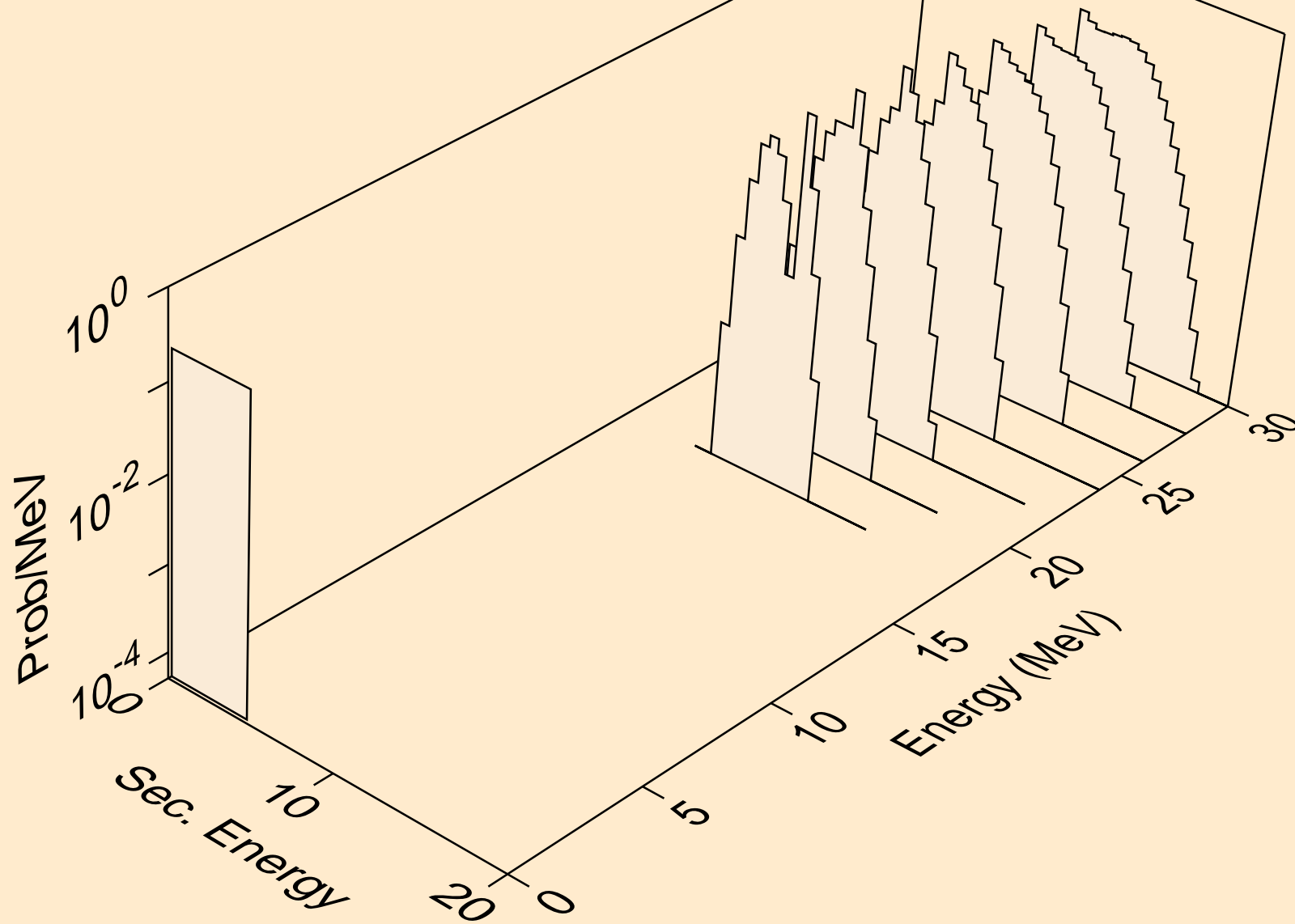
HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3a)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,d2a)



HF161 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

