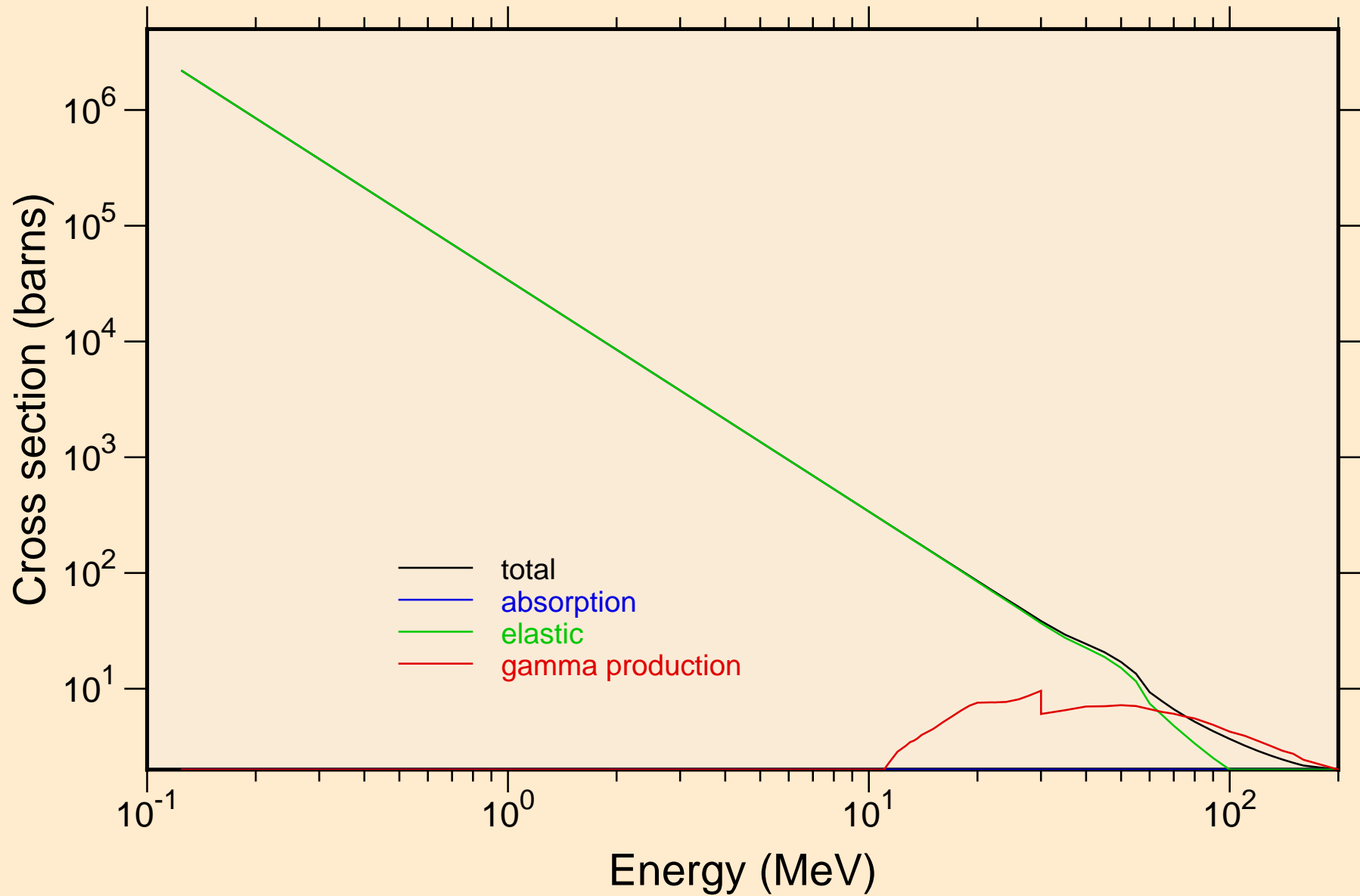
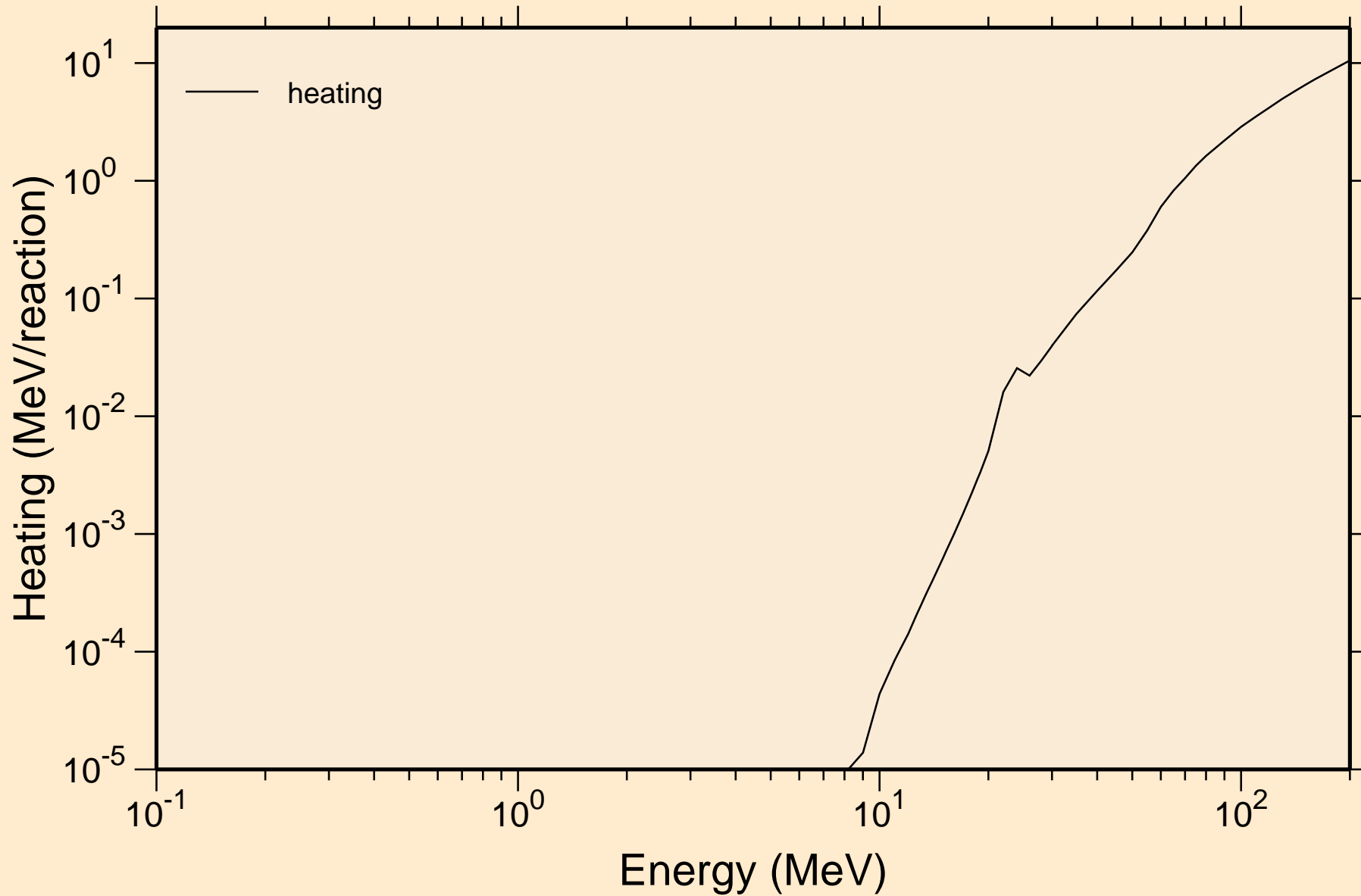


# W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

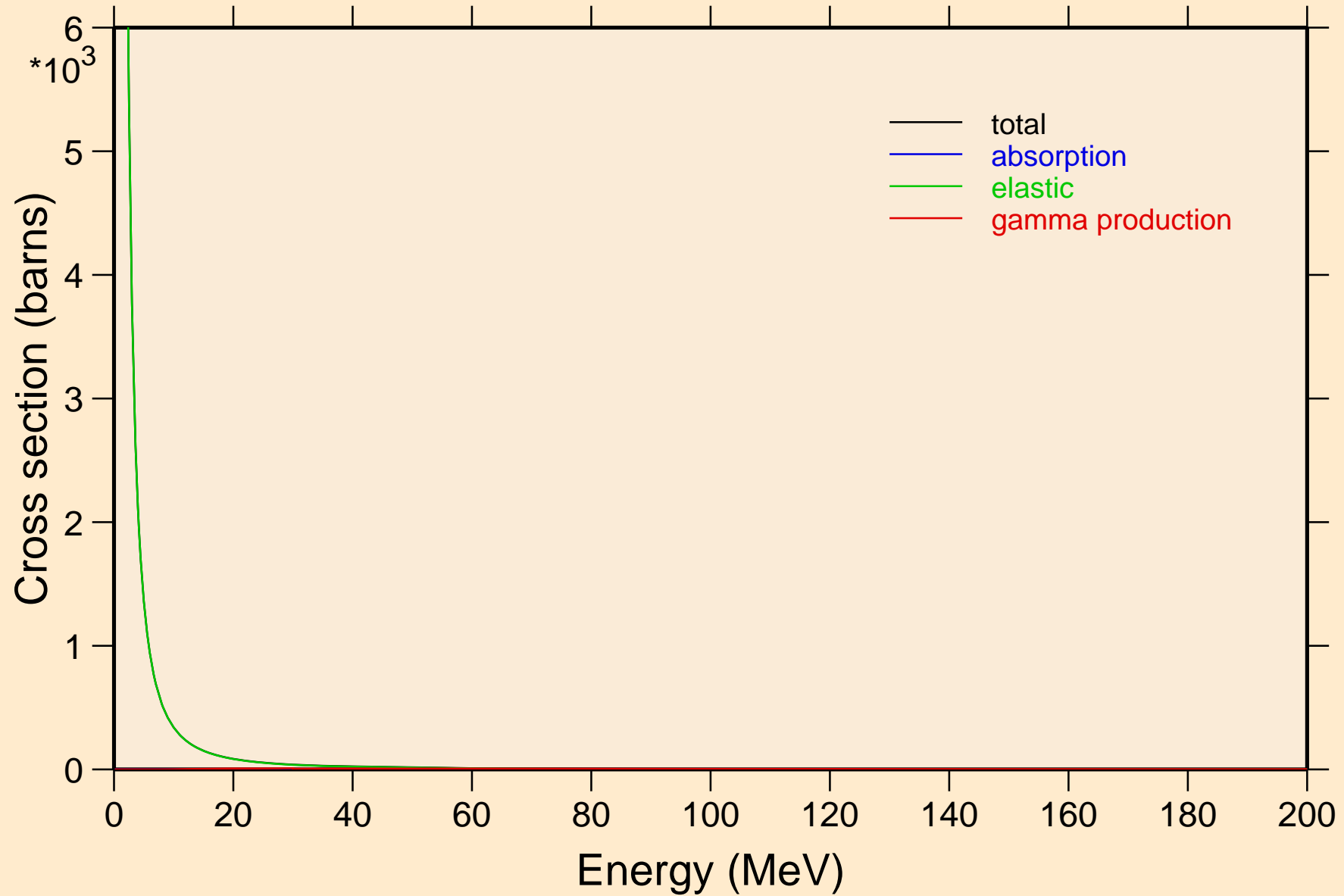


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



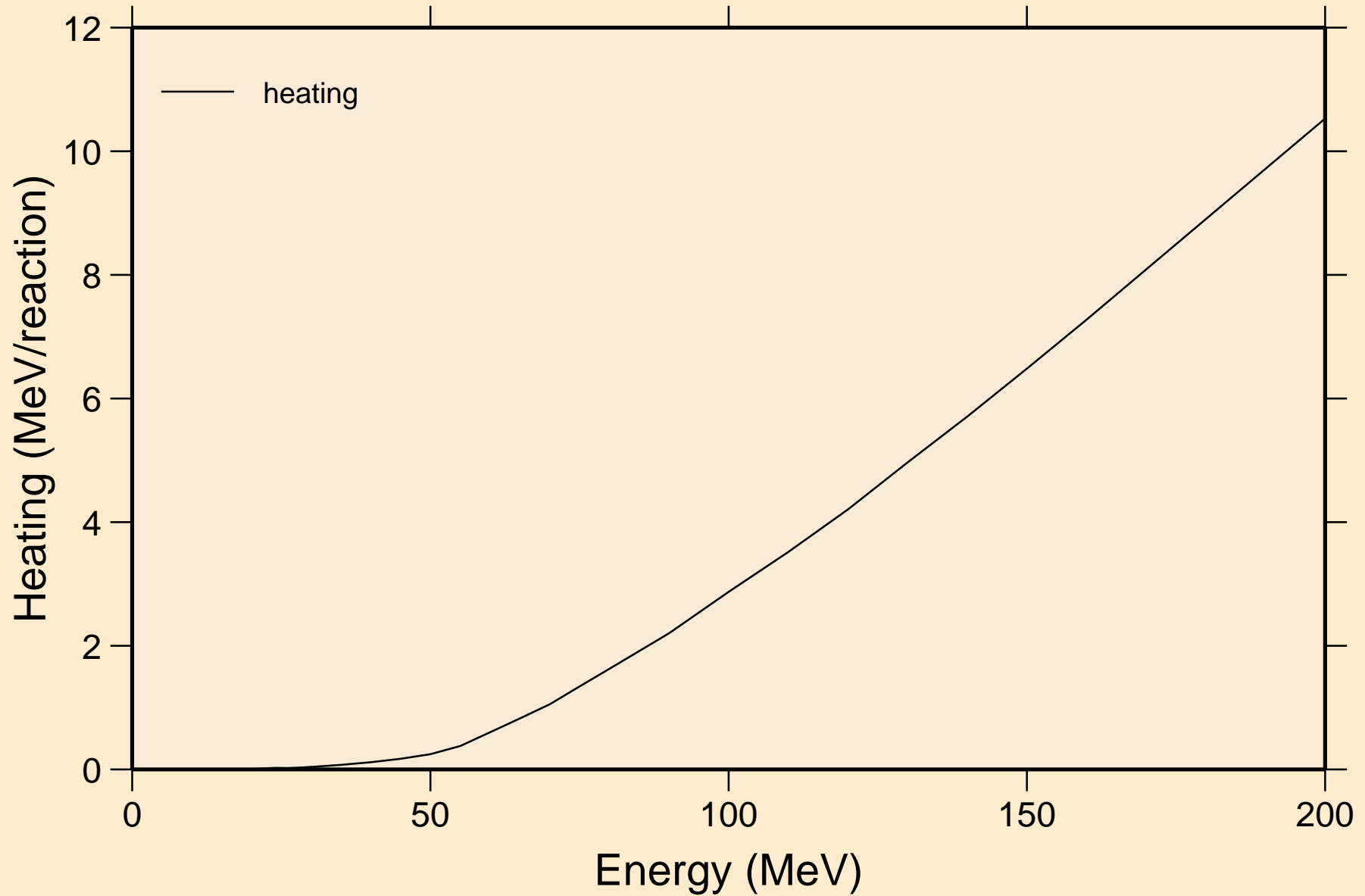
# W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



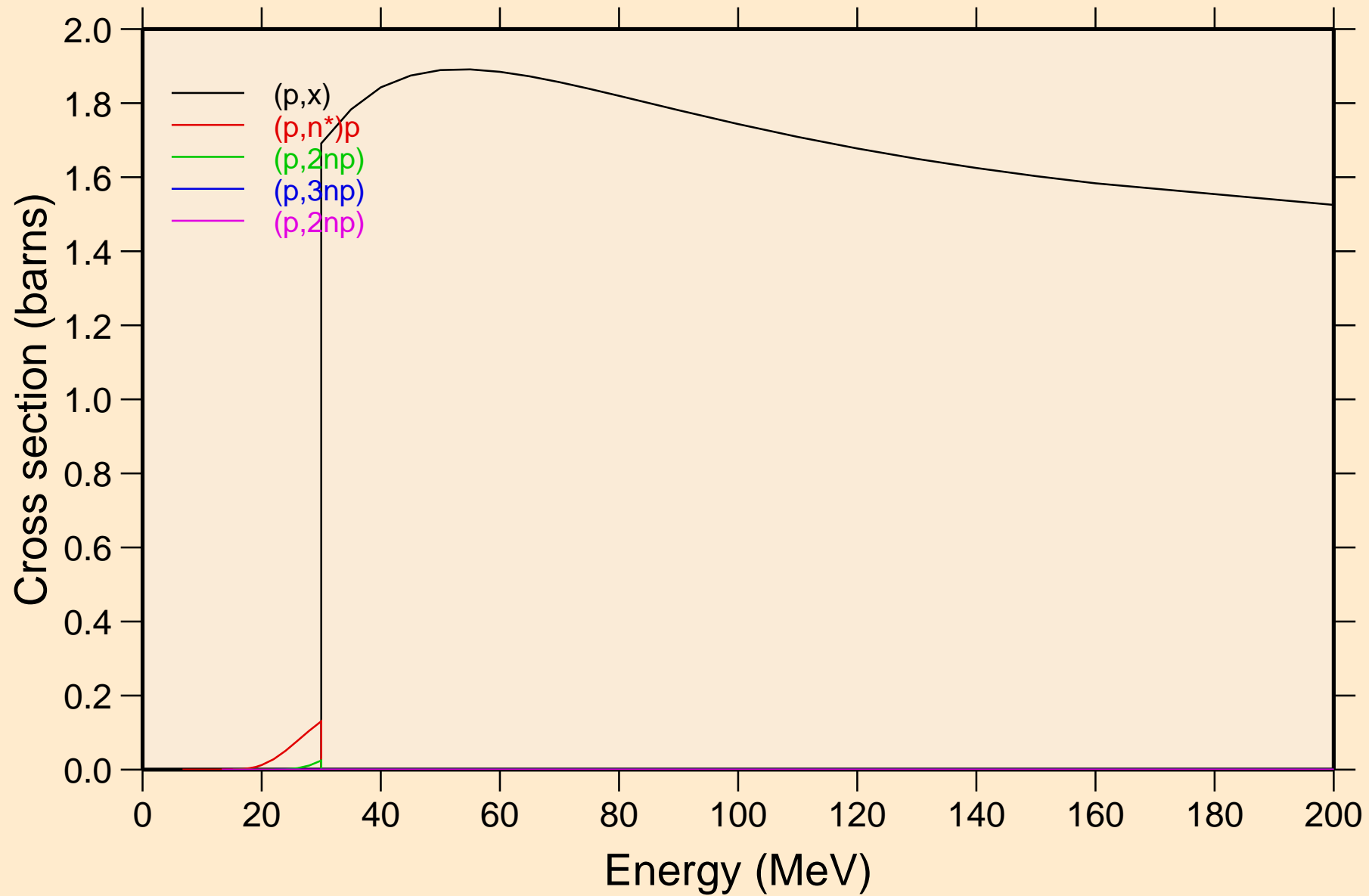
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

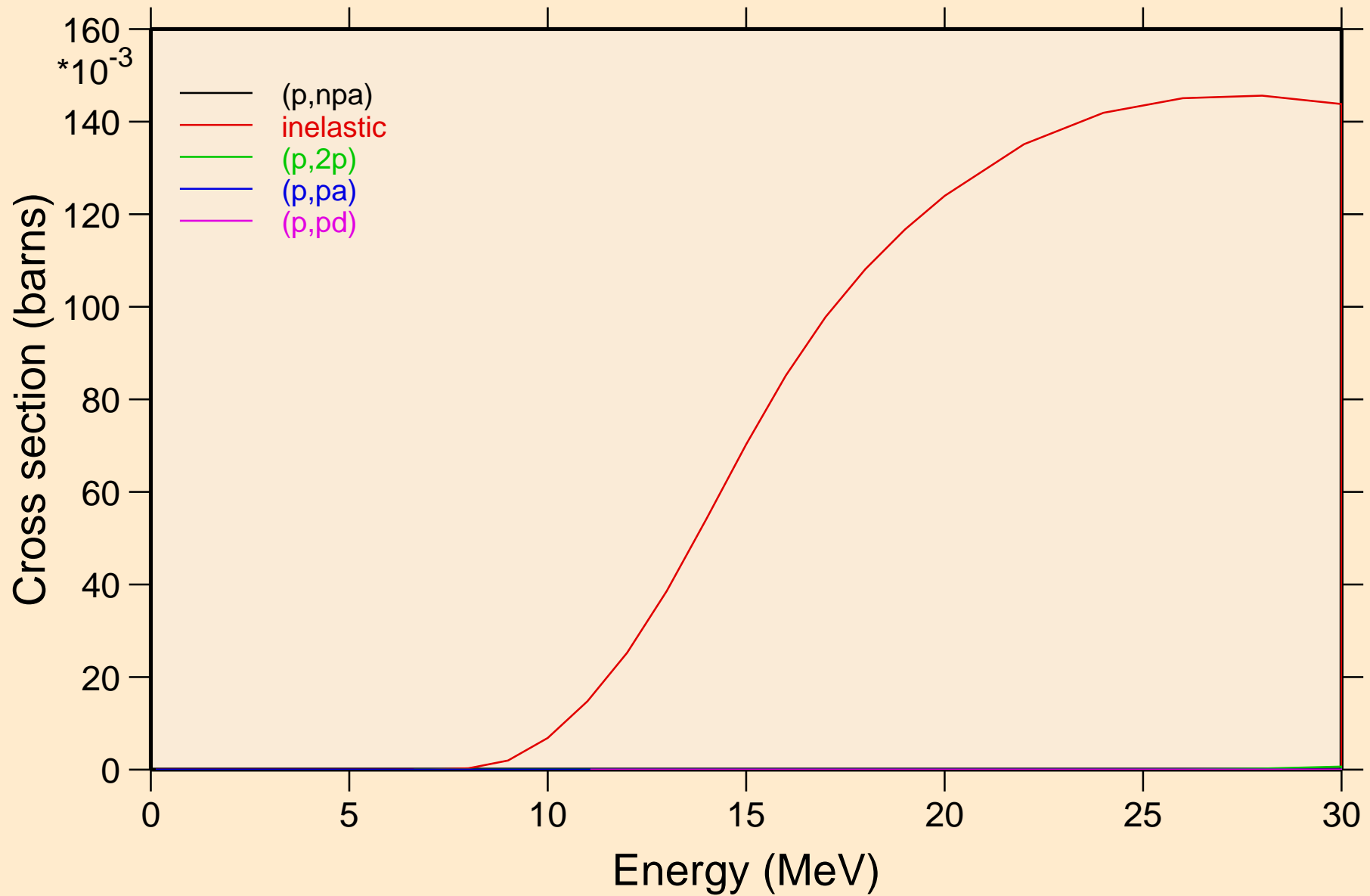


# W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K

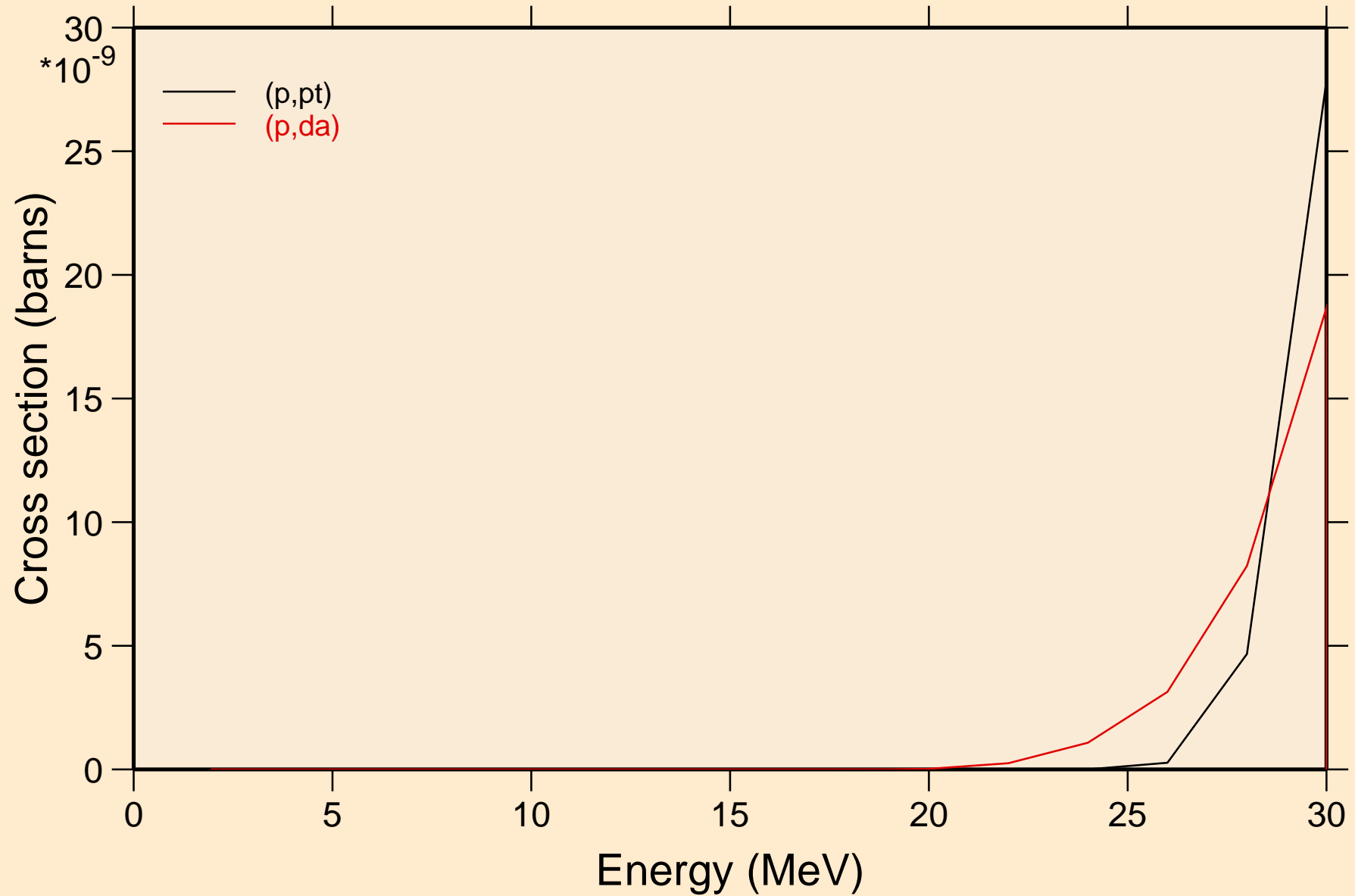
## Threshold reactions



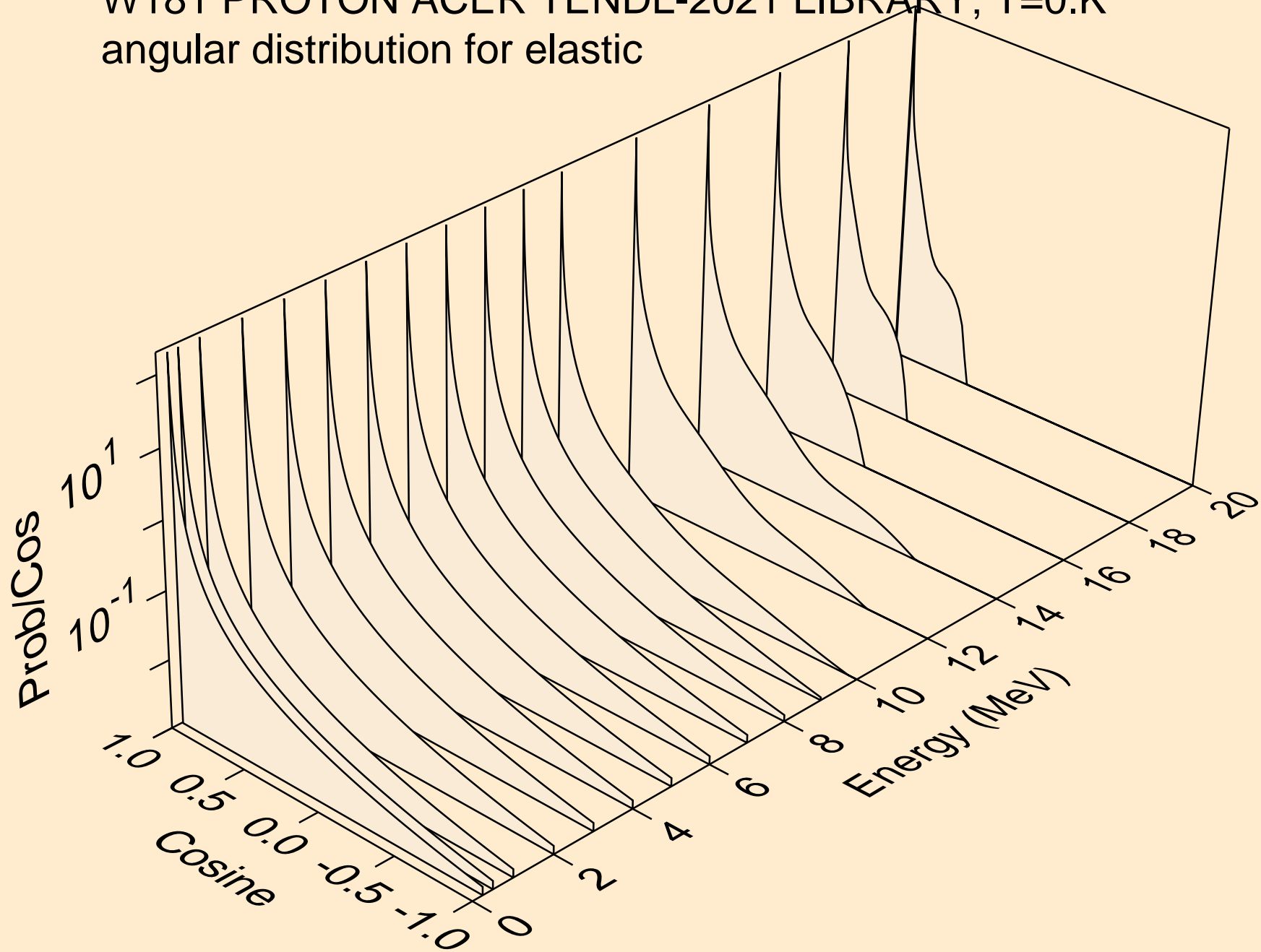
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

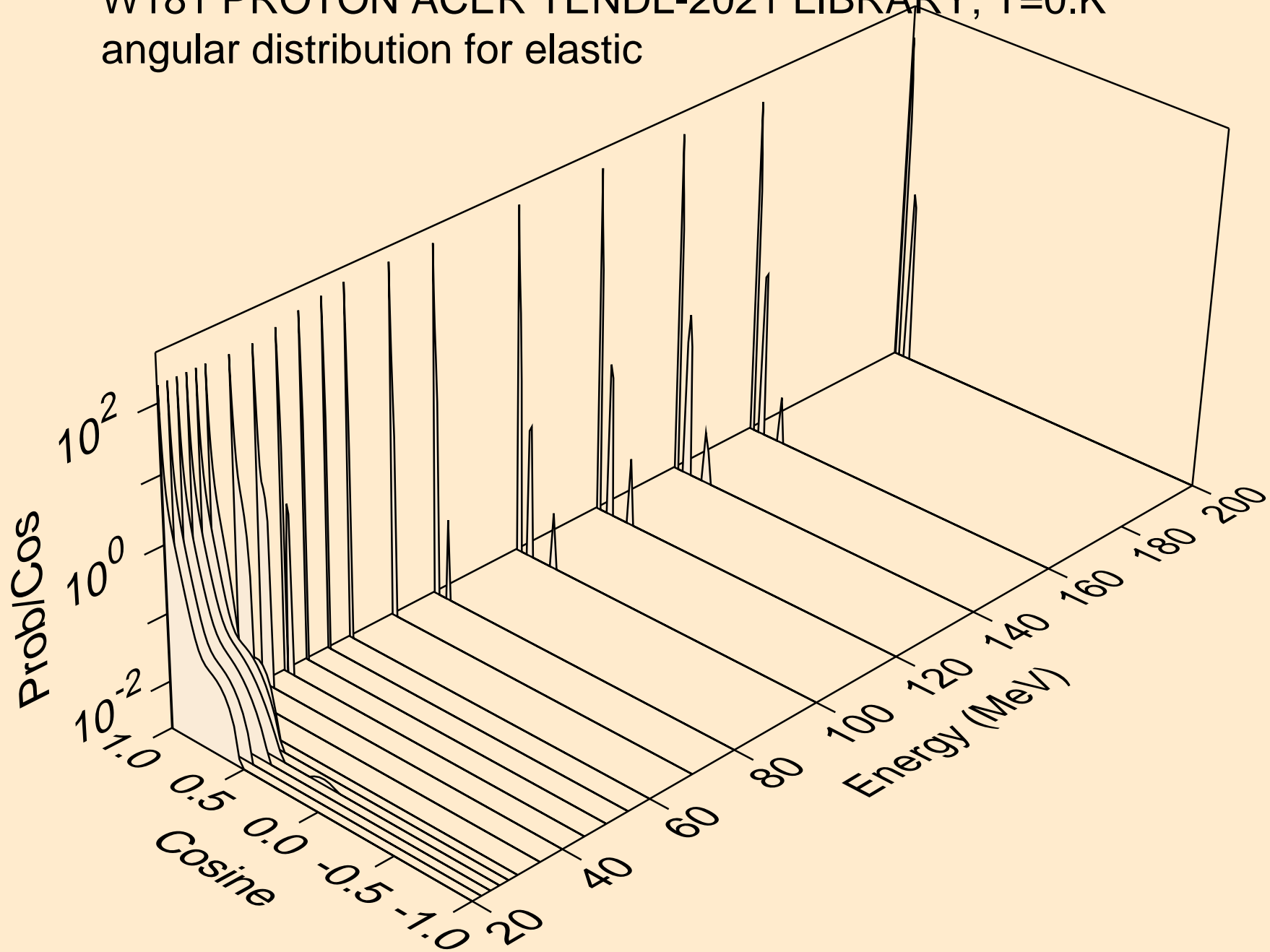


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

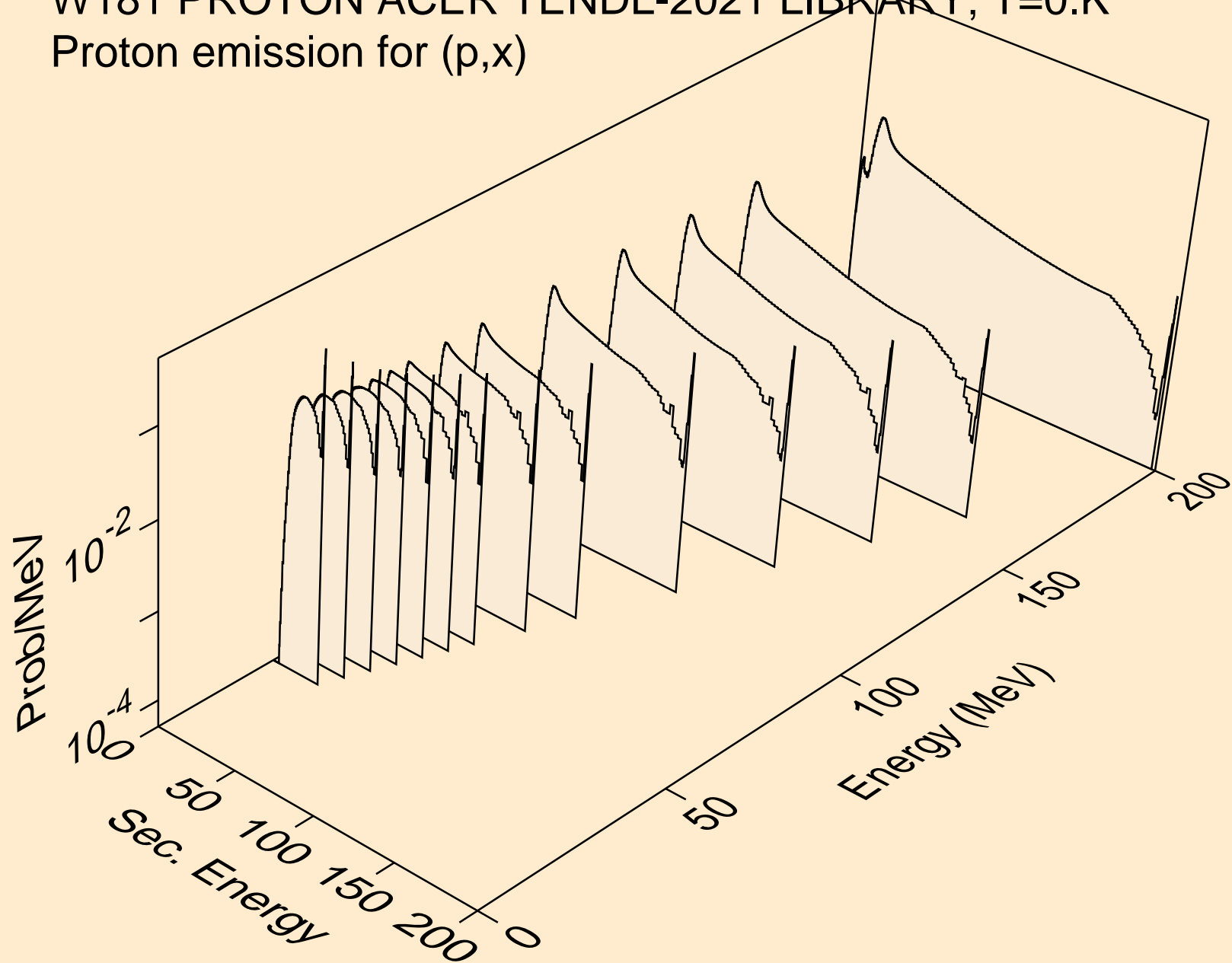




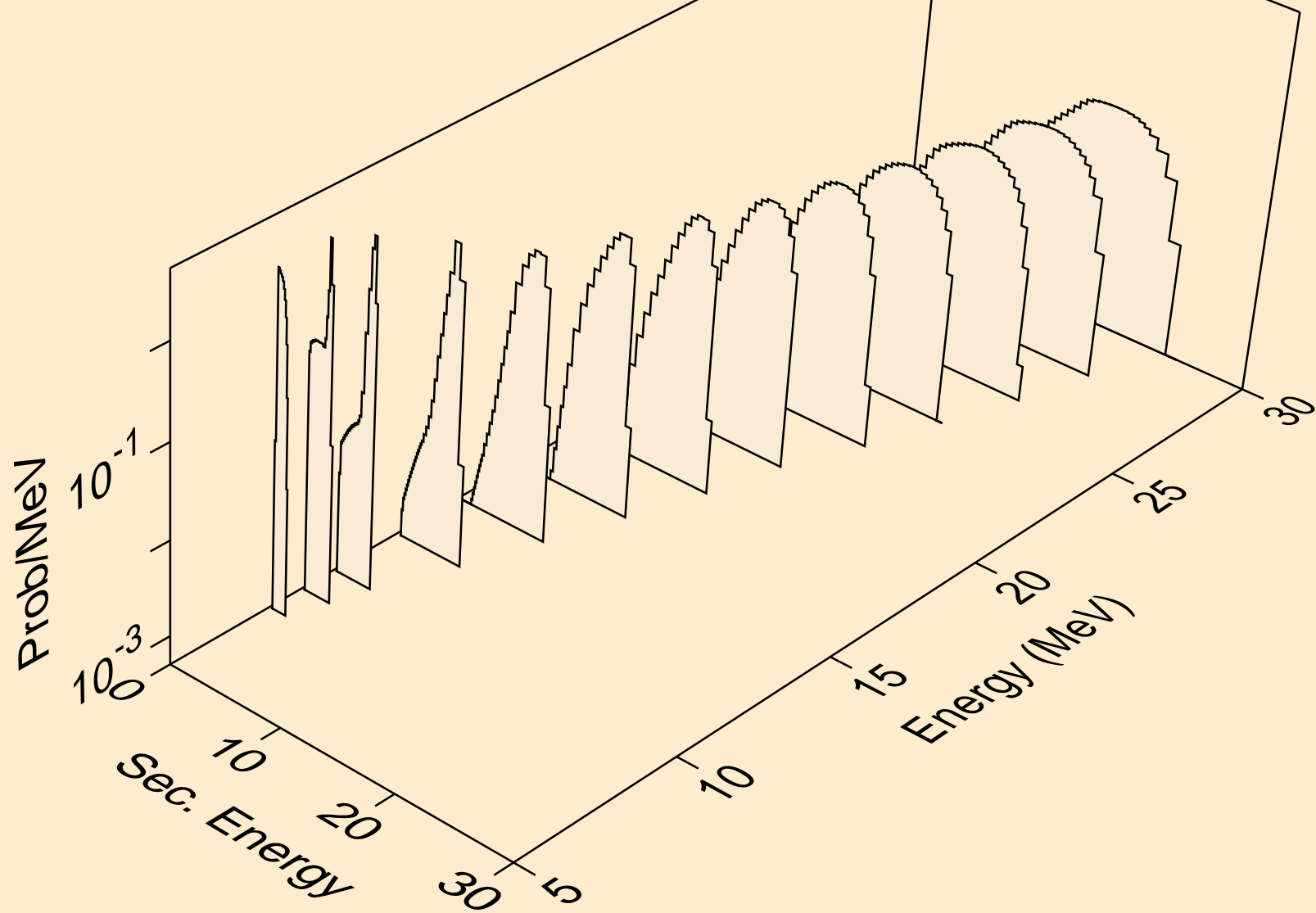
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



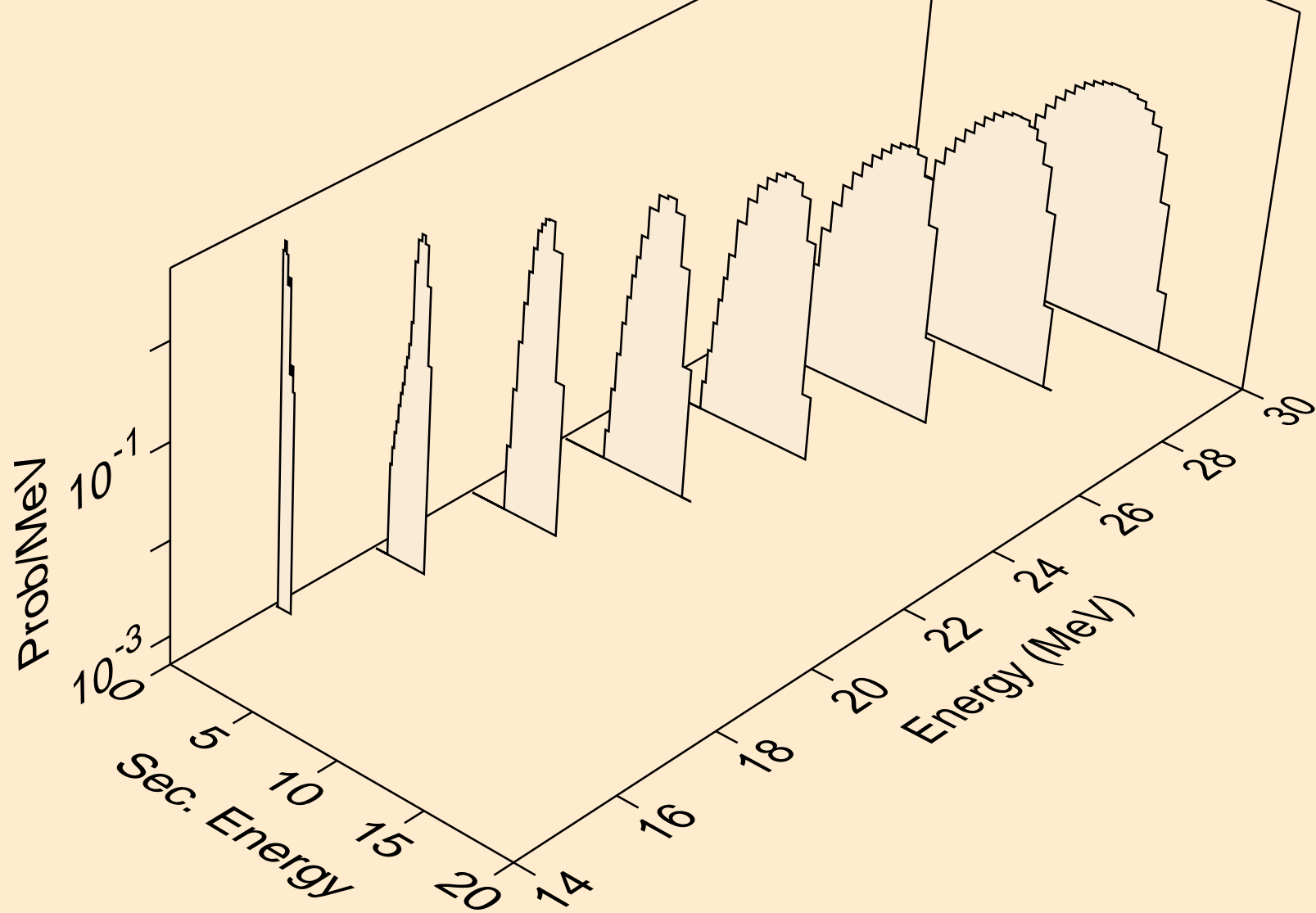
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



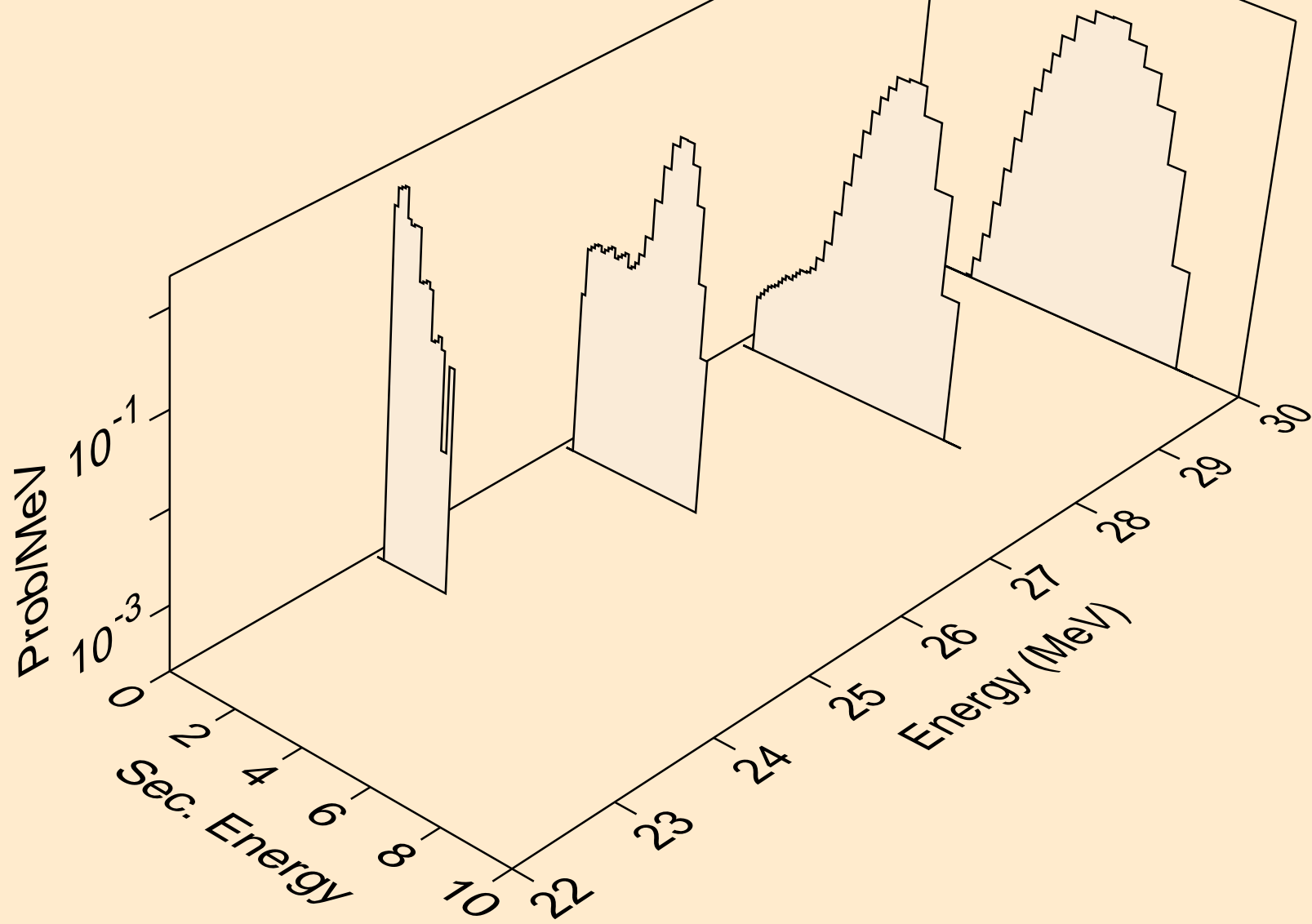
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



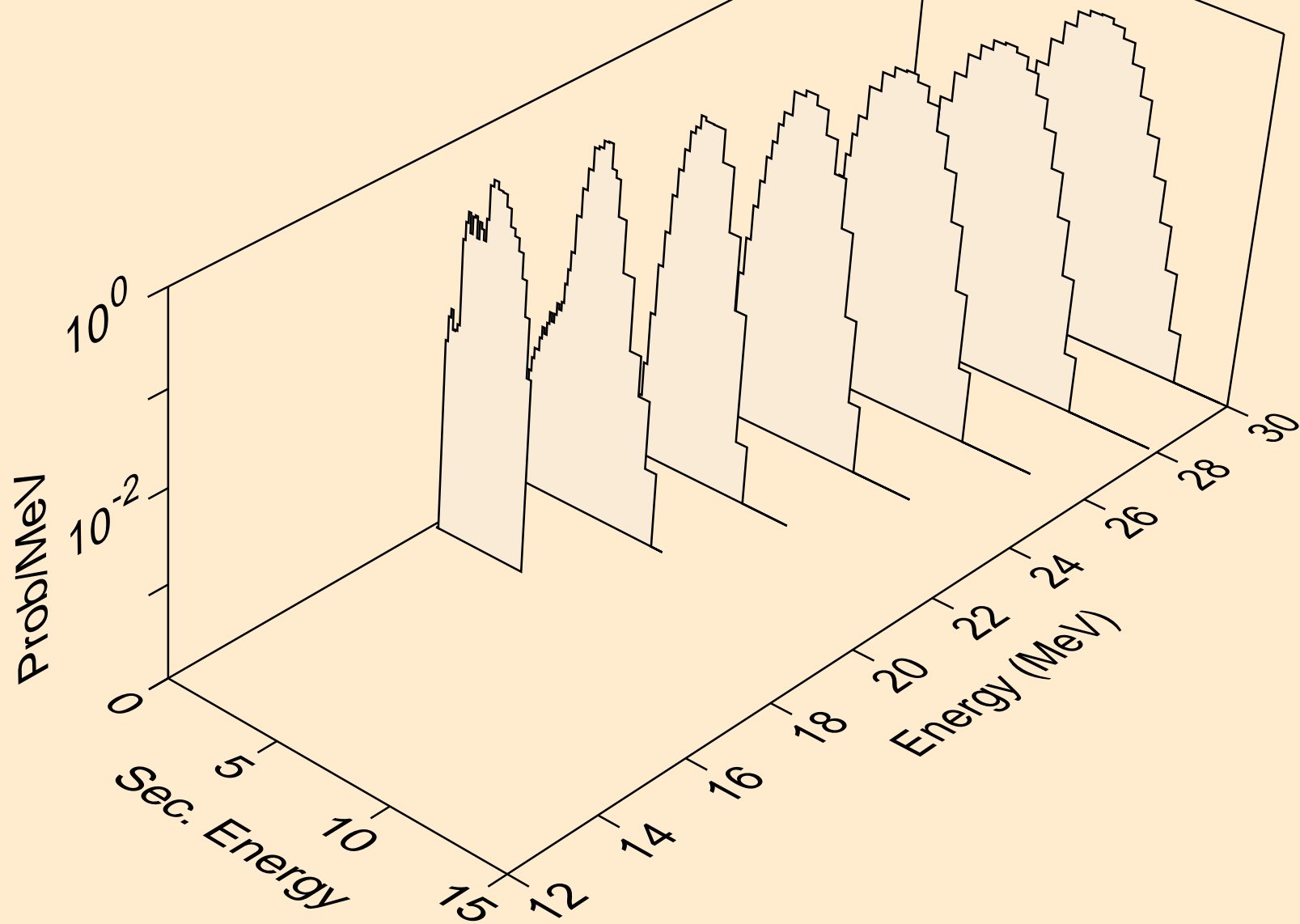
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



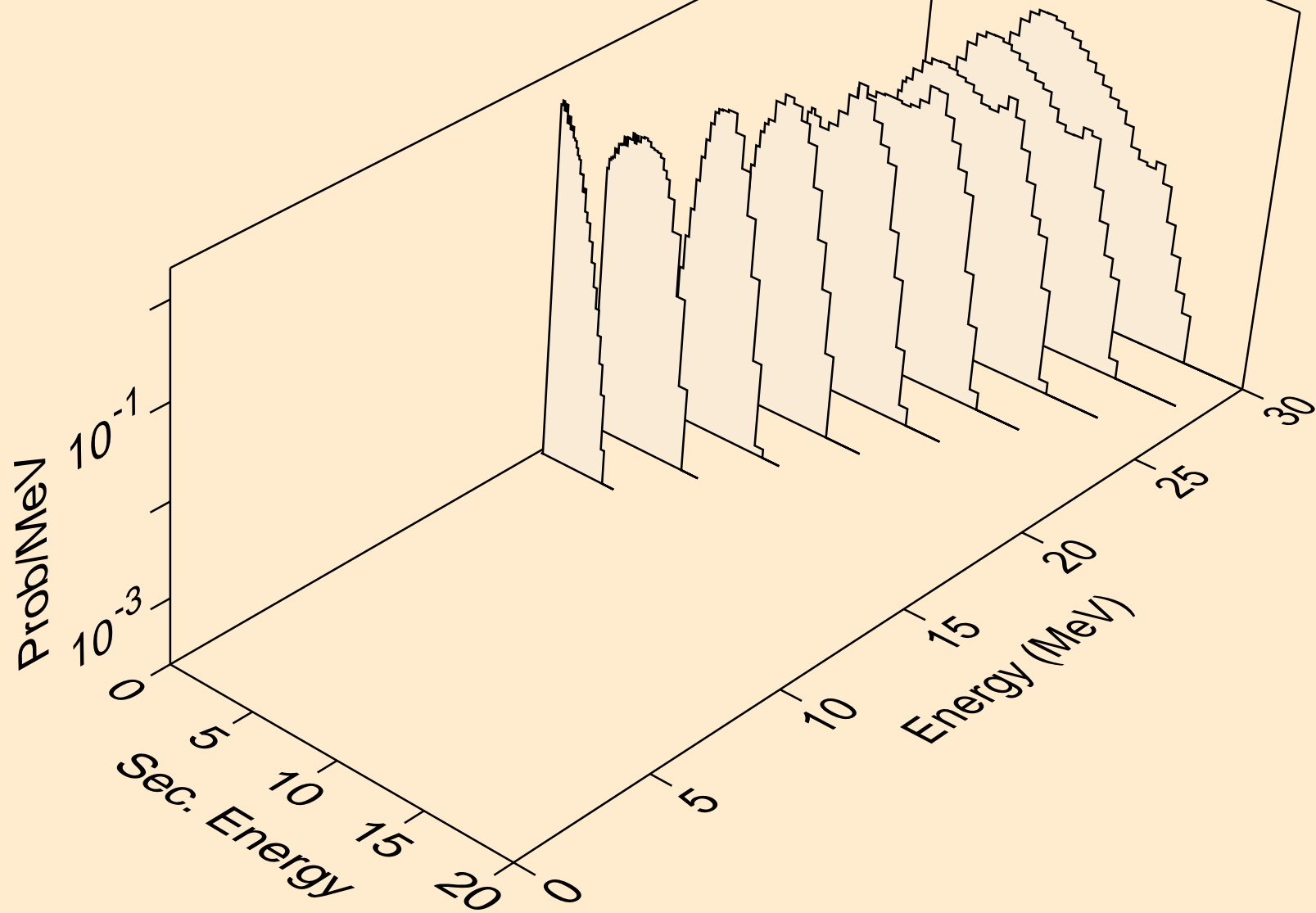
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



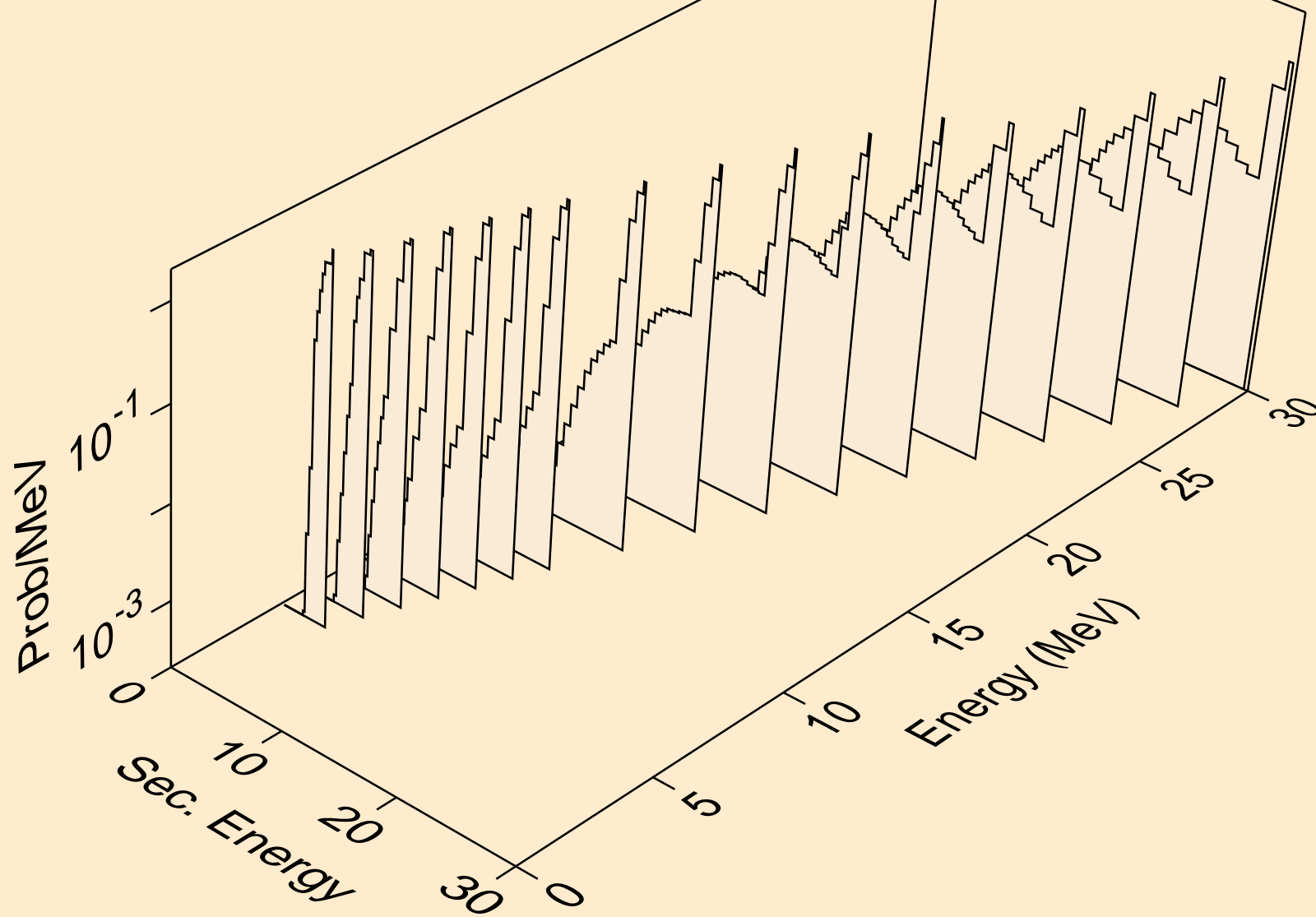
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

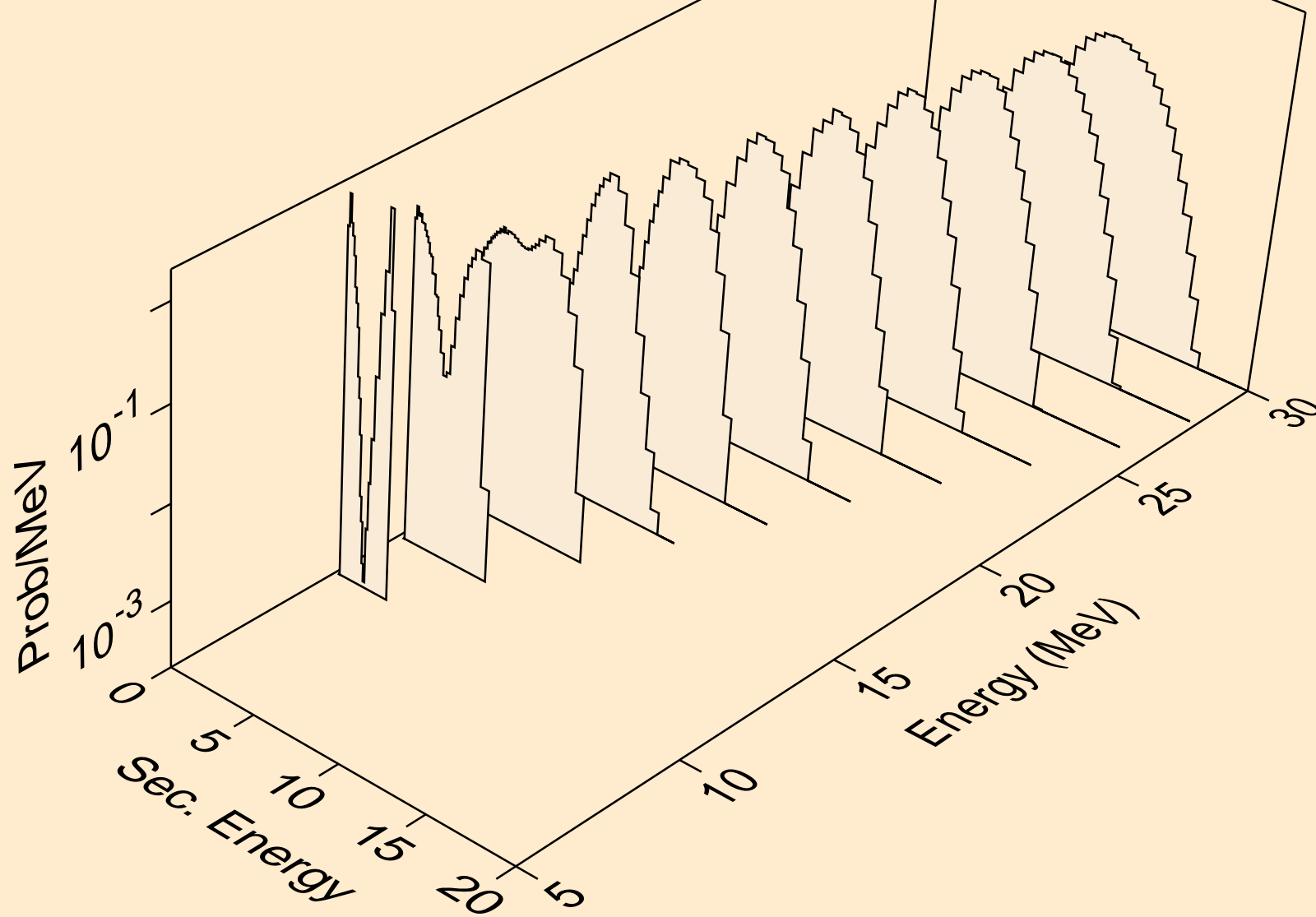


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

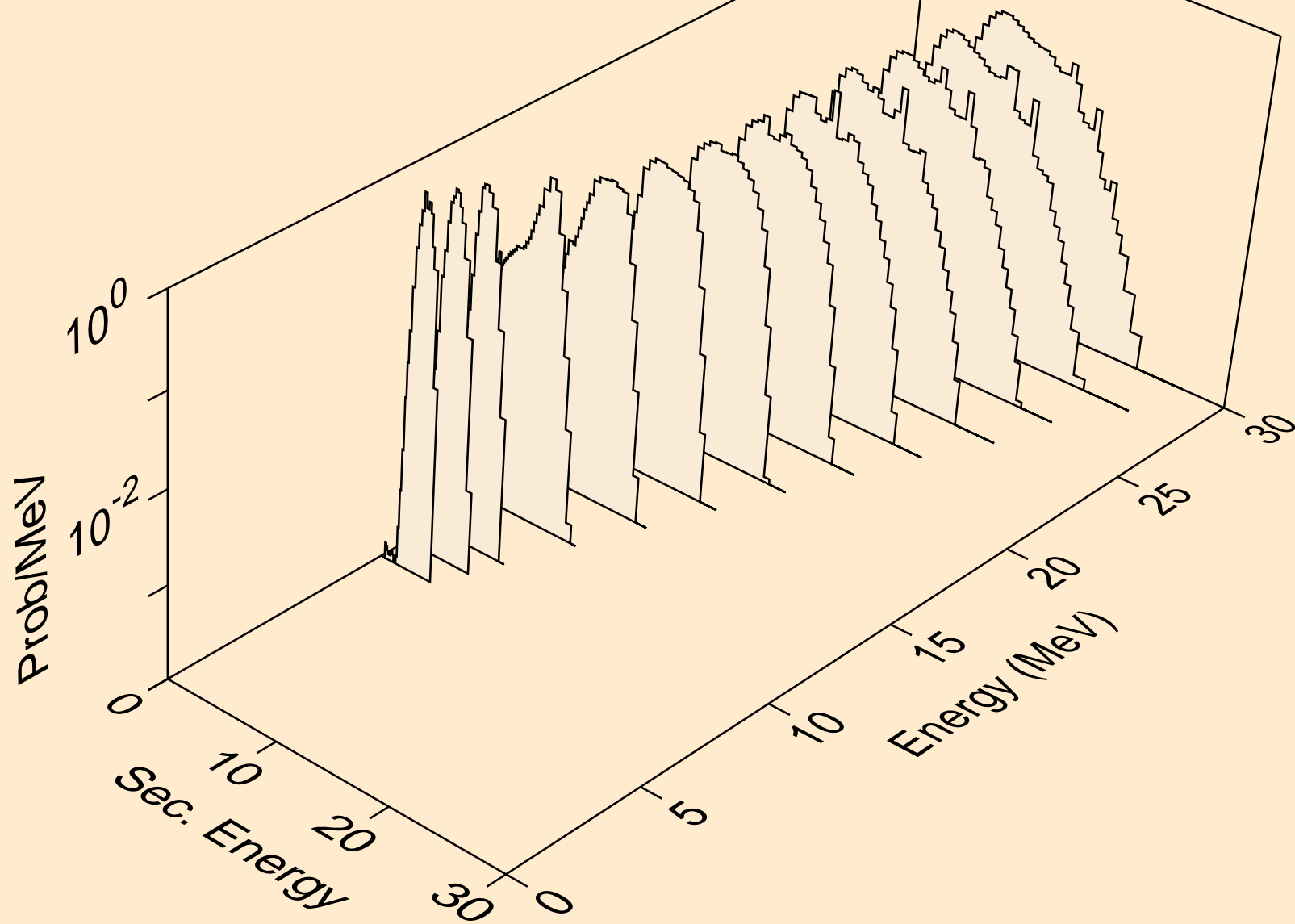




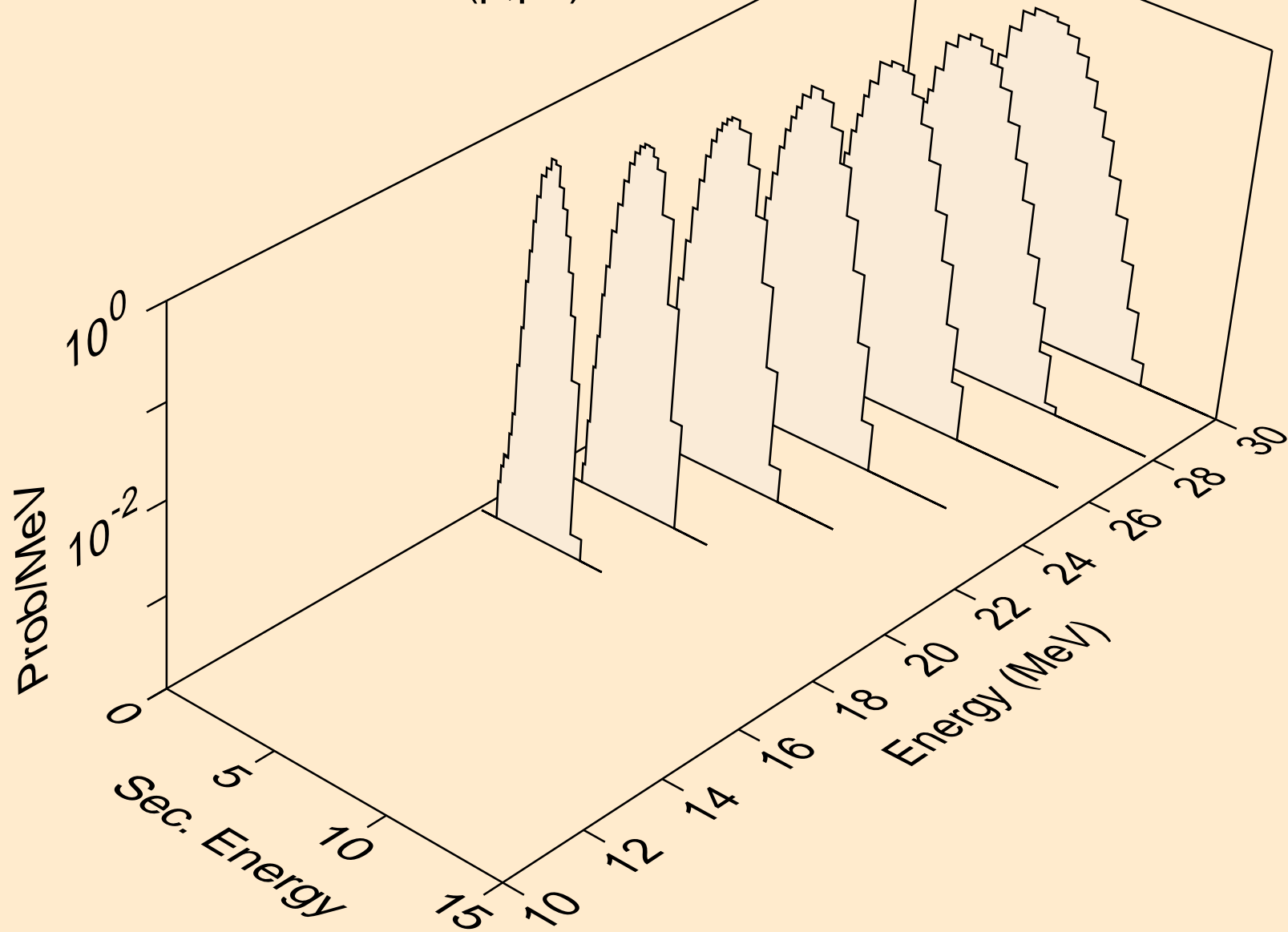
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



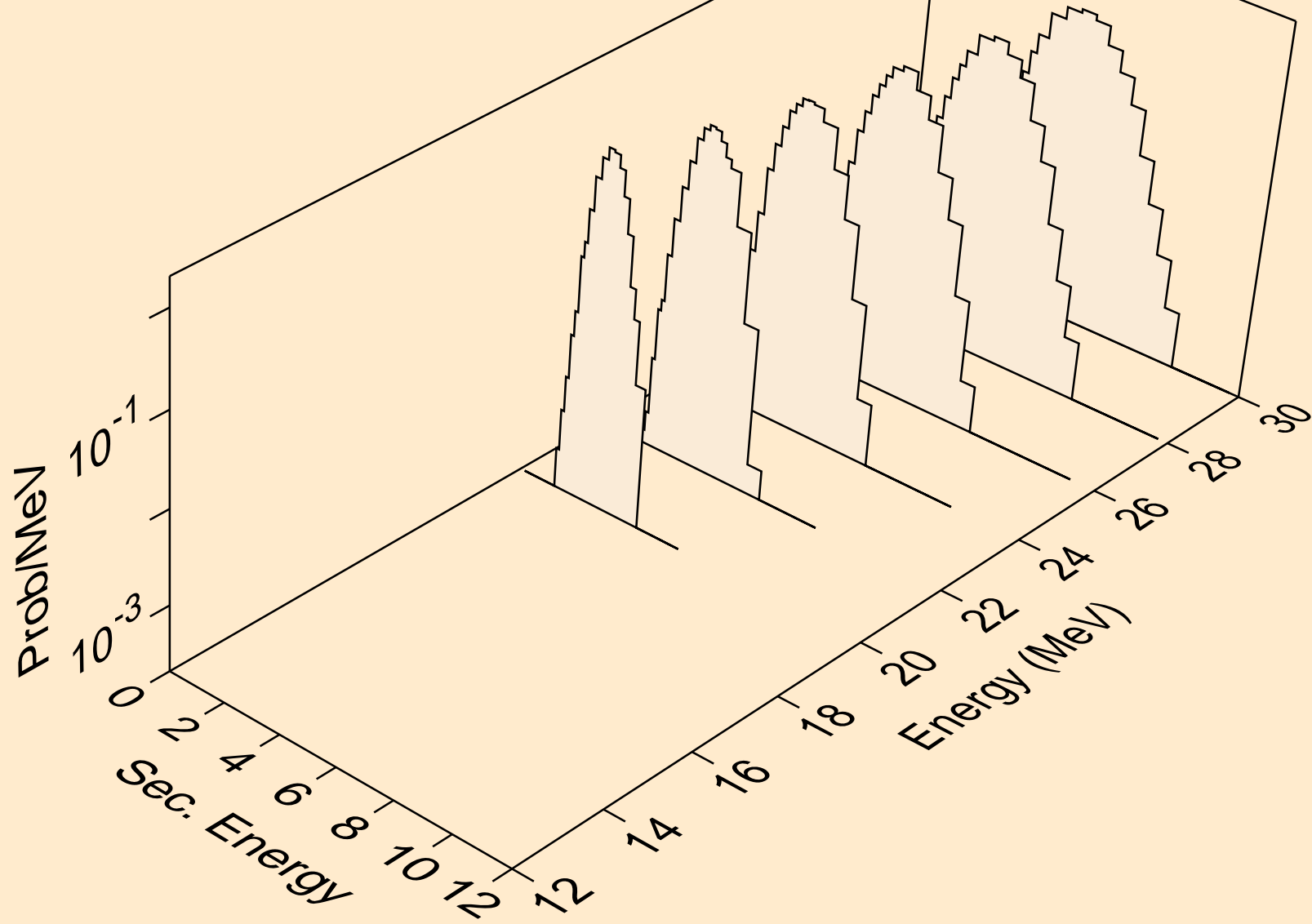
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



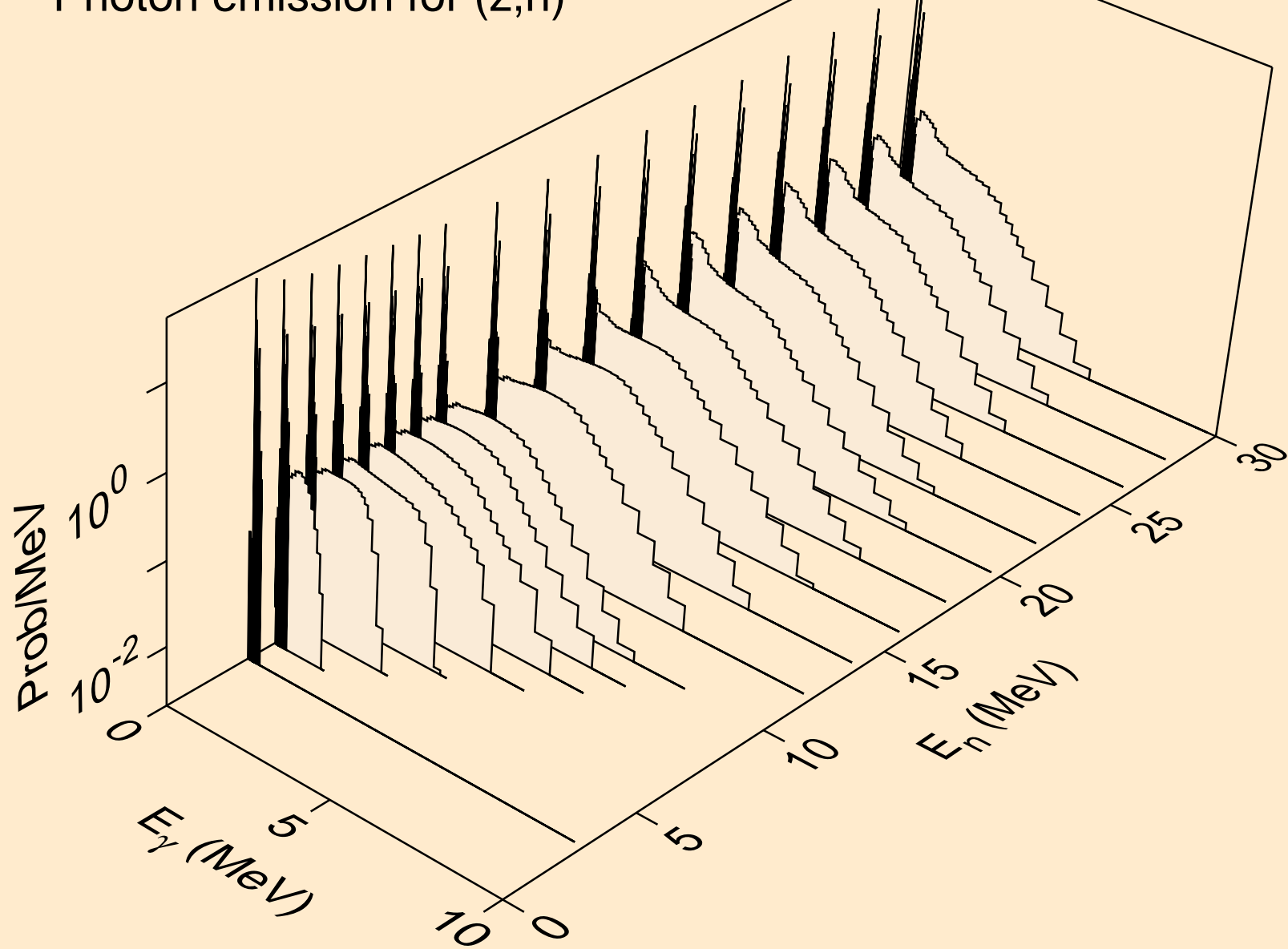
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



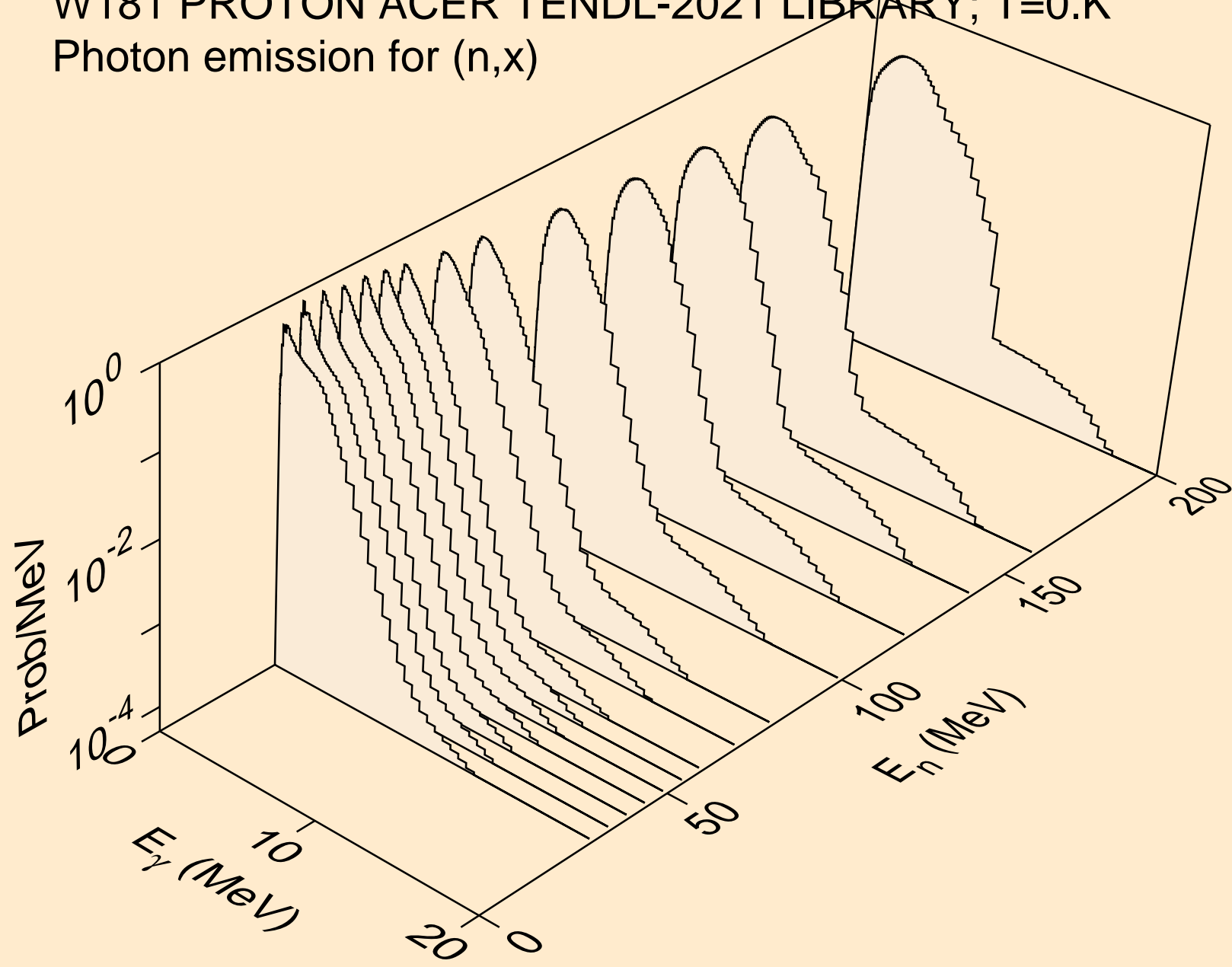
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



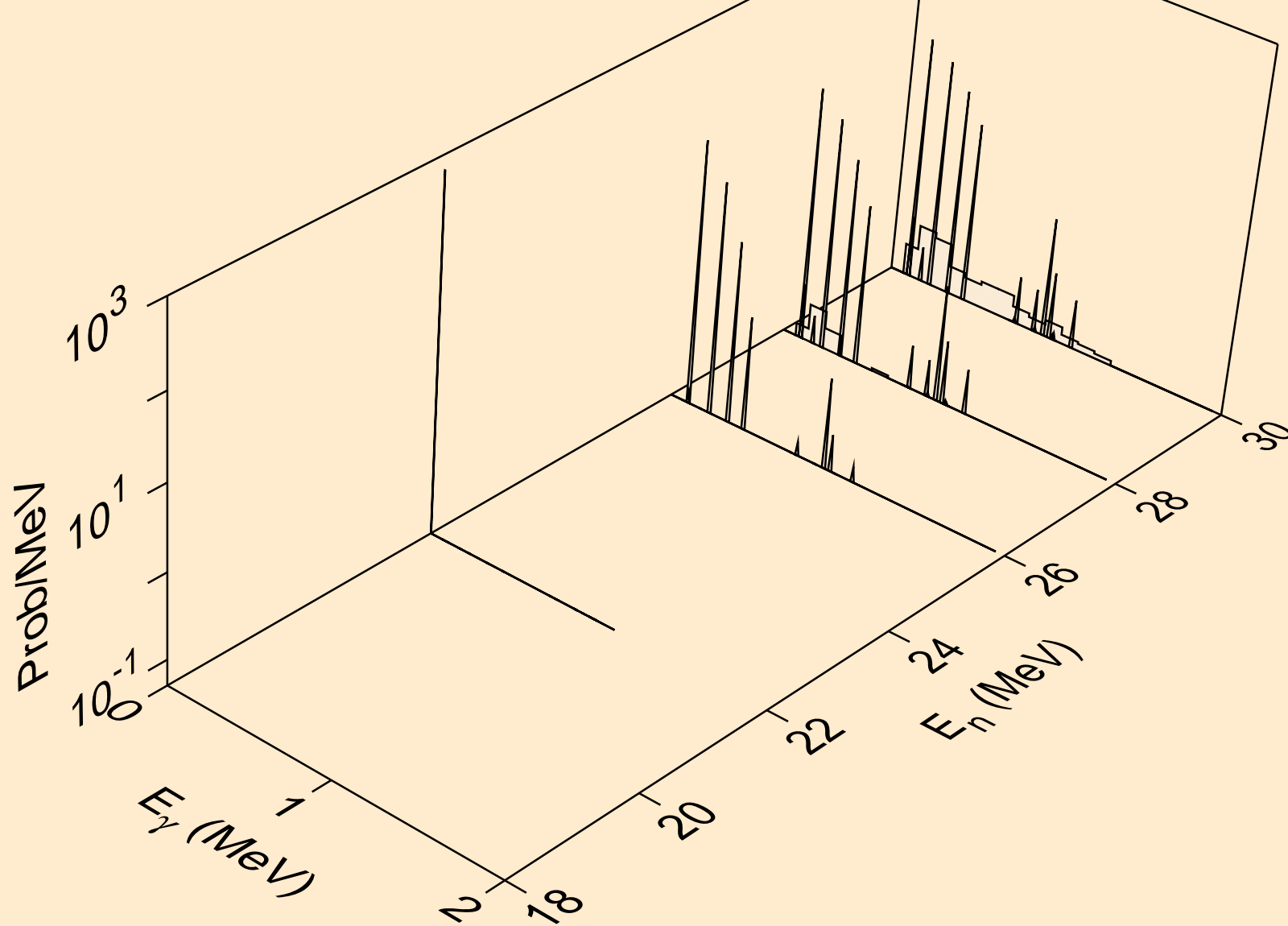
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



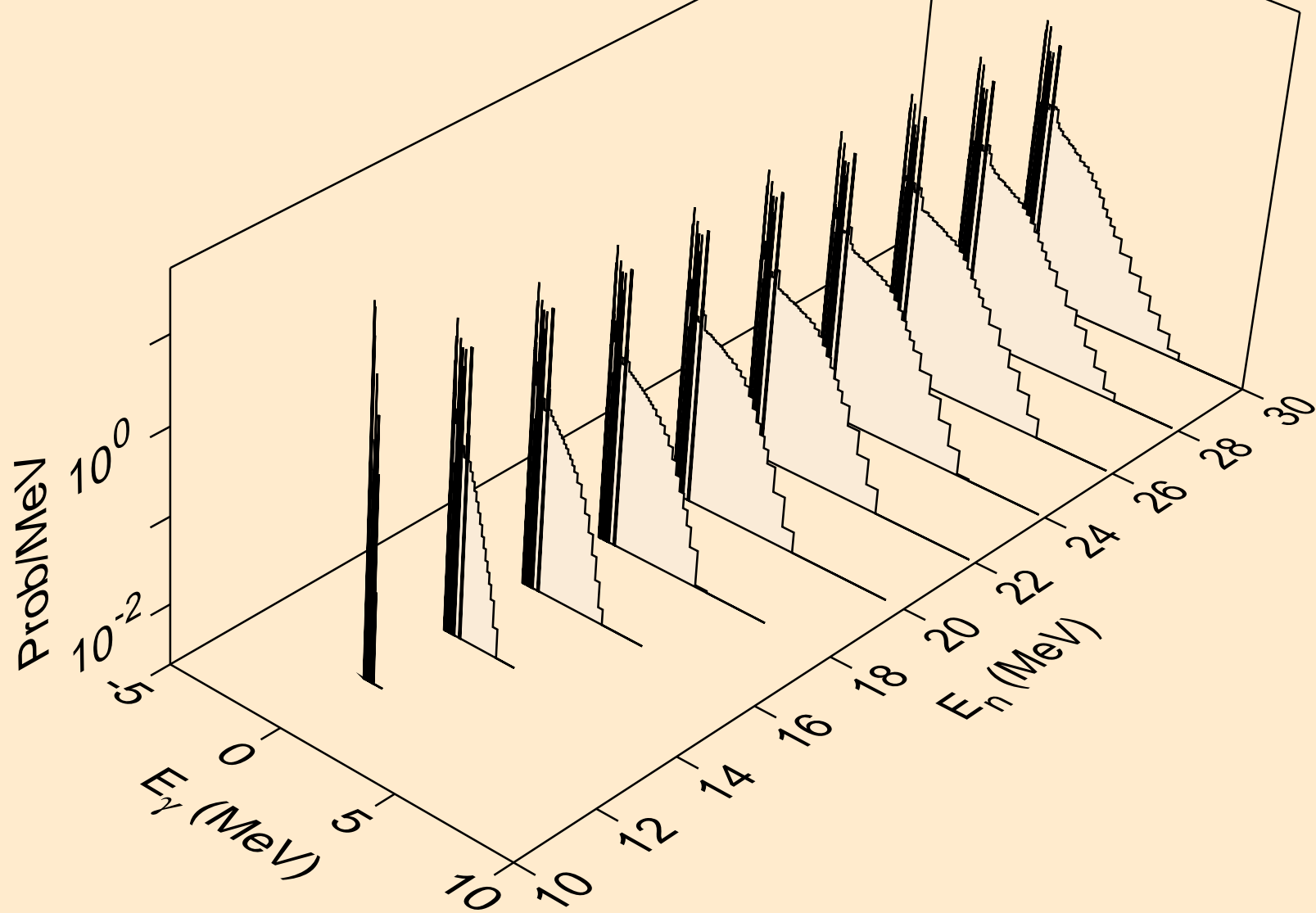
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

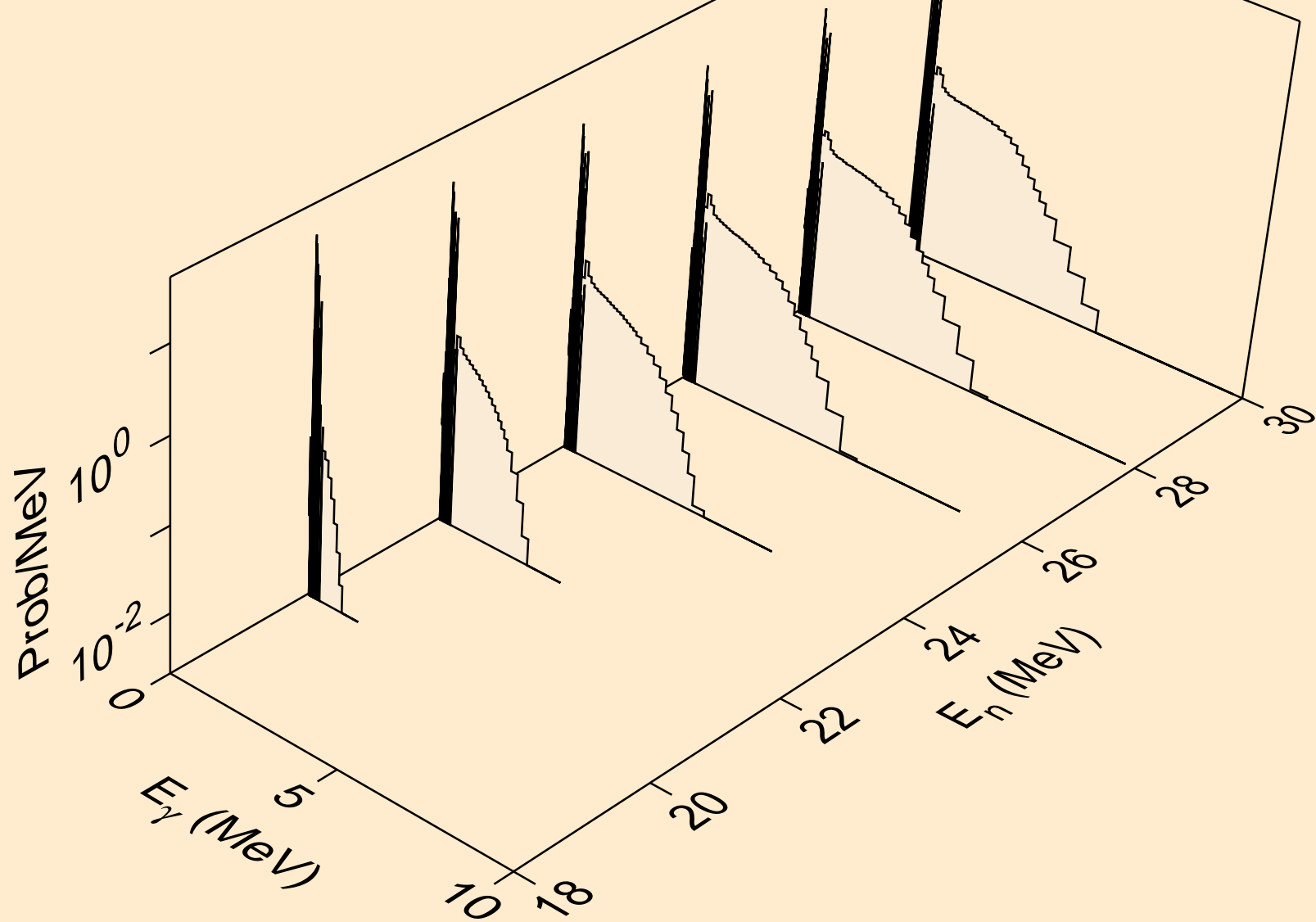


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

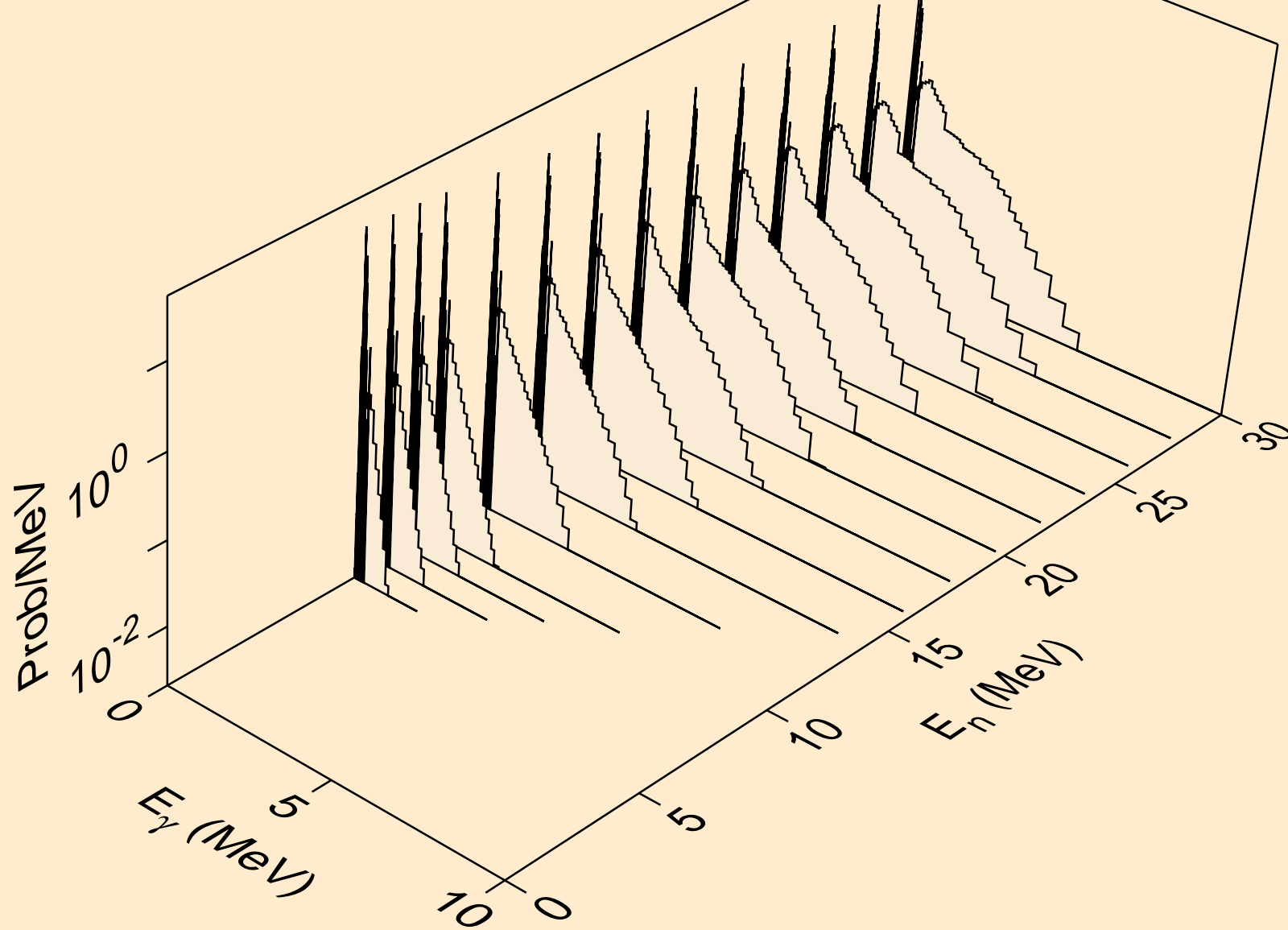




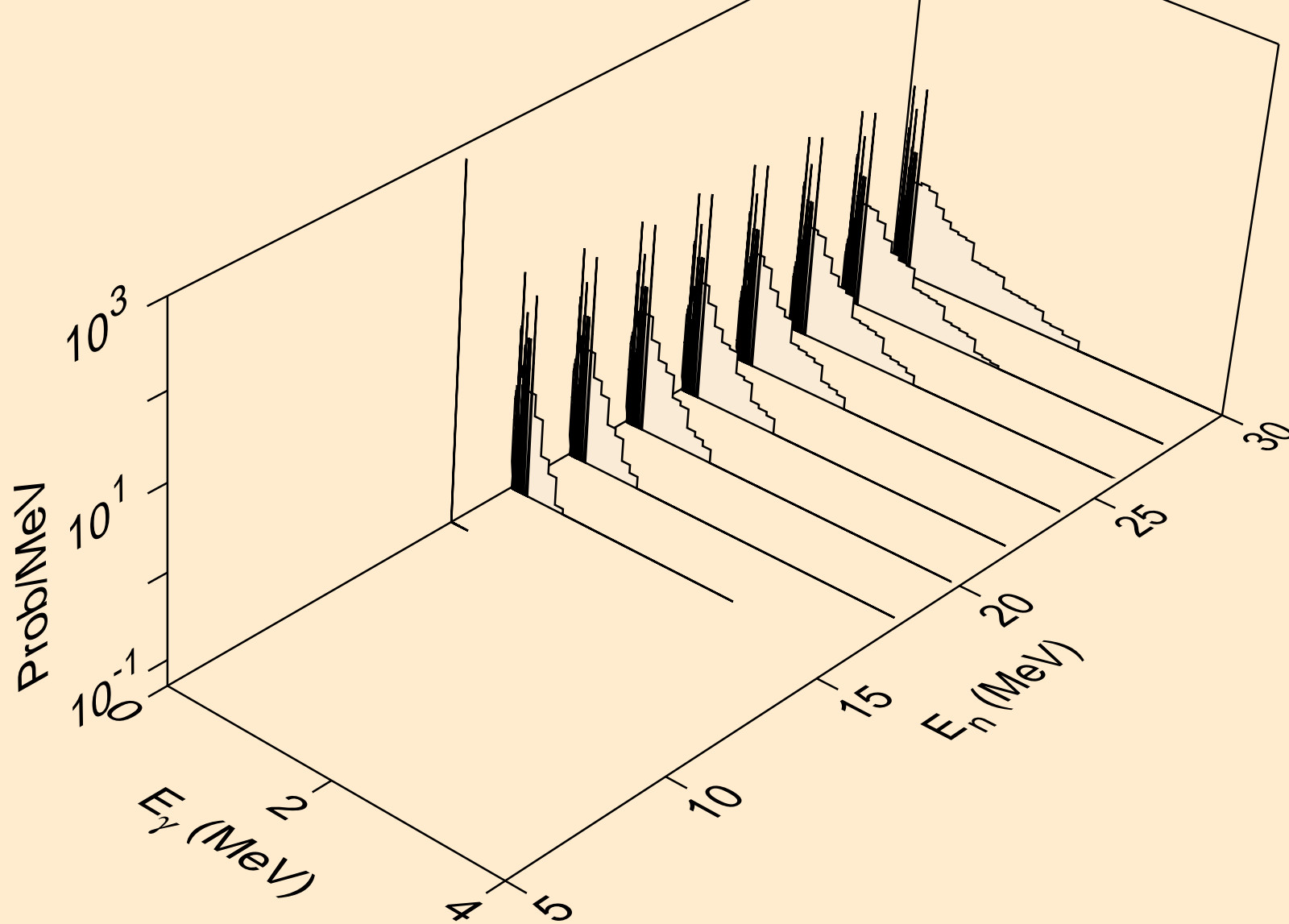
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



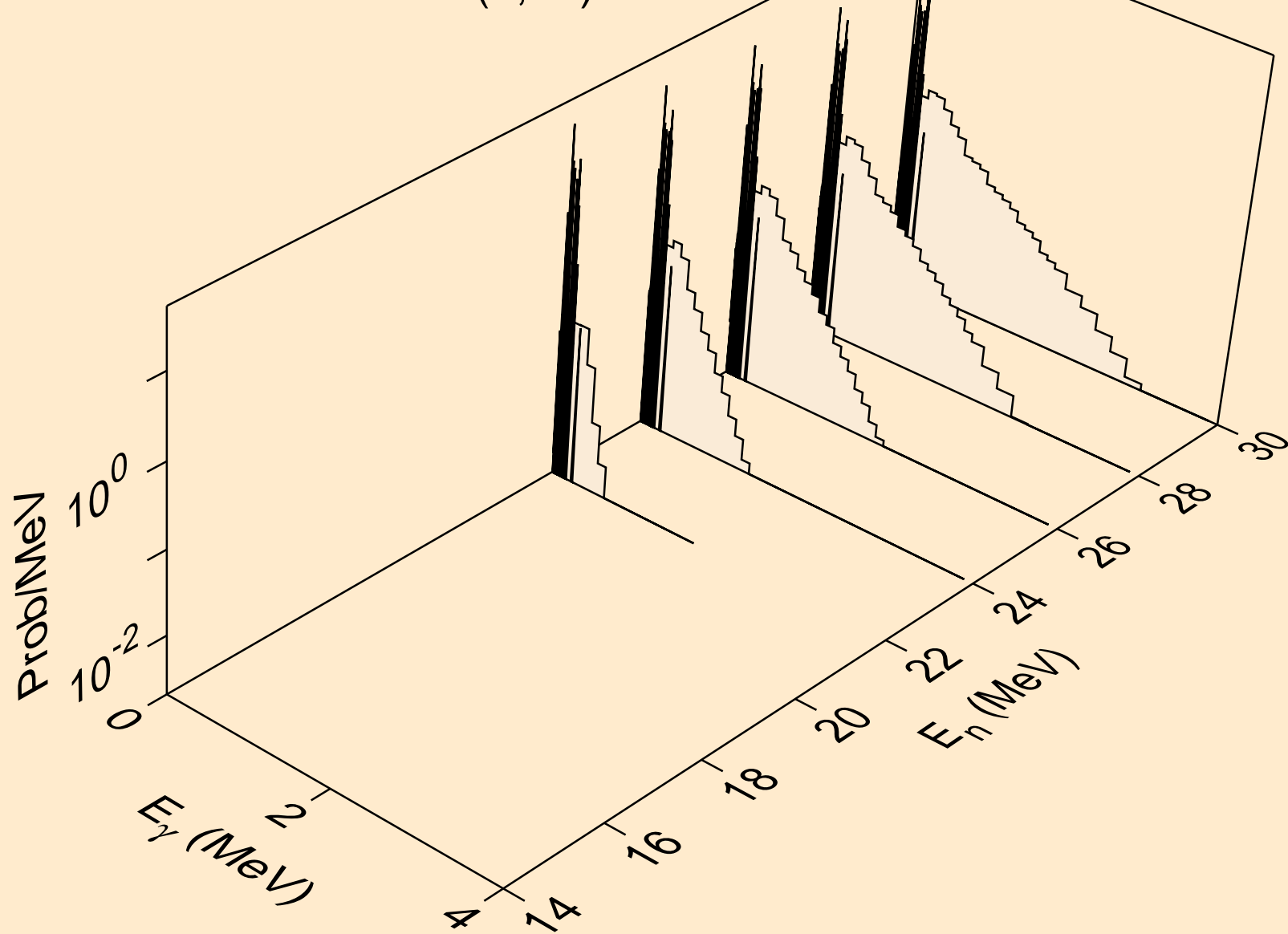
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



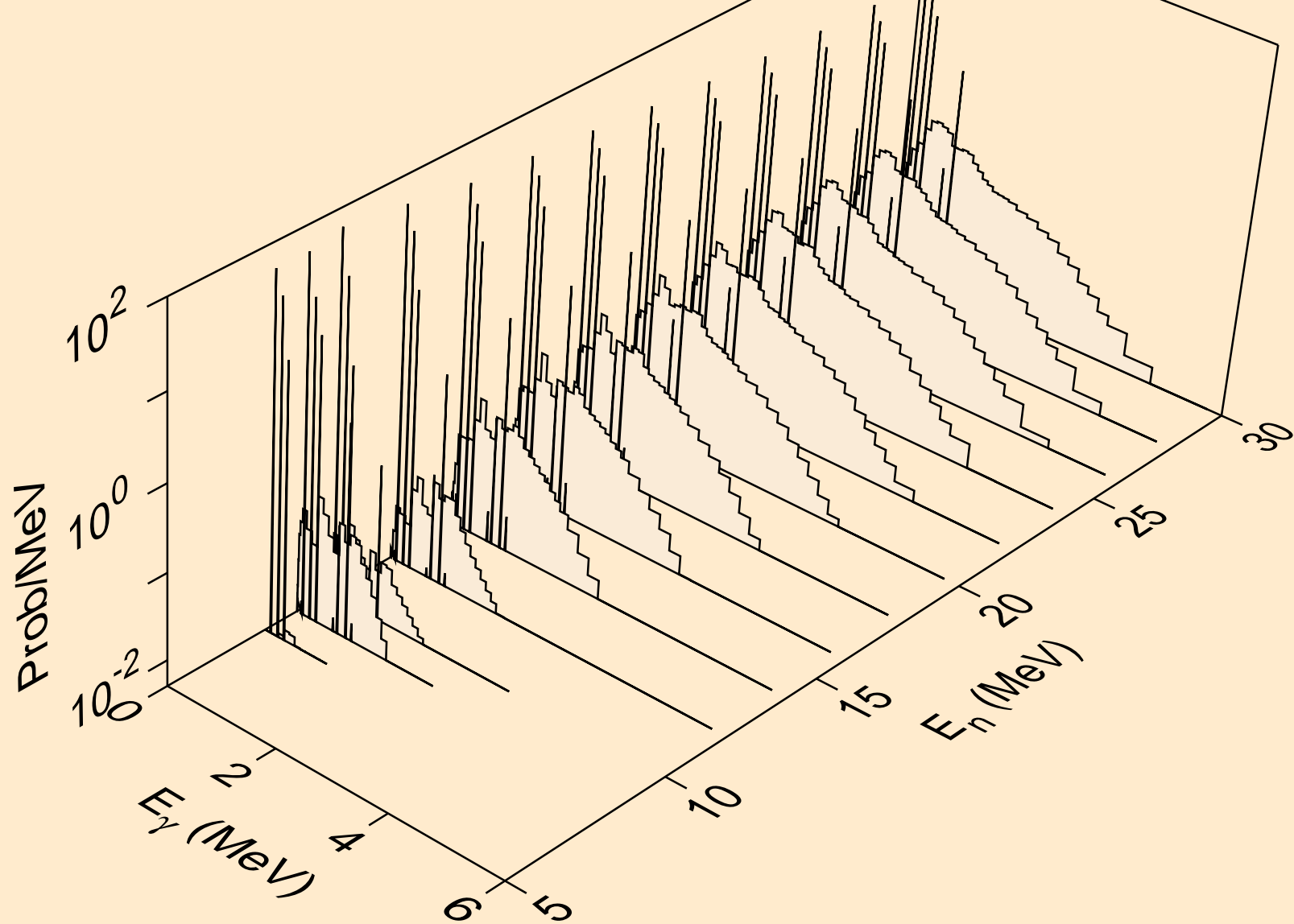
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



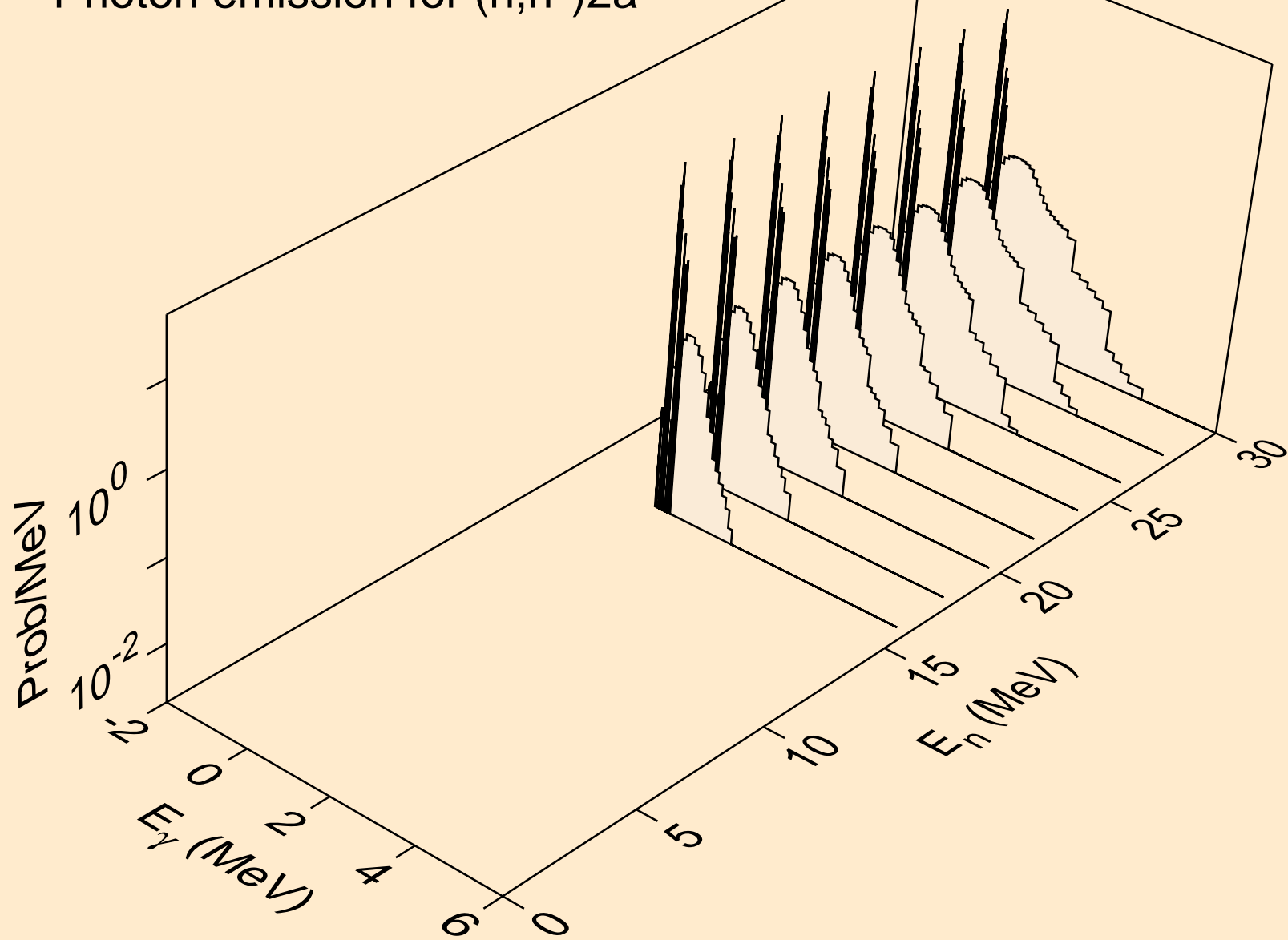
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



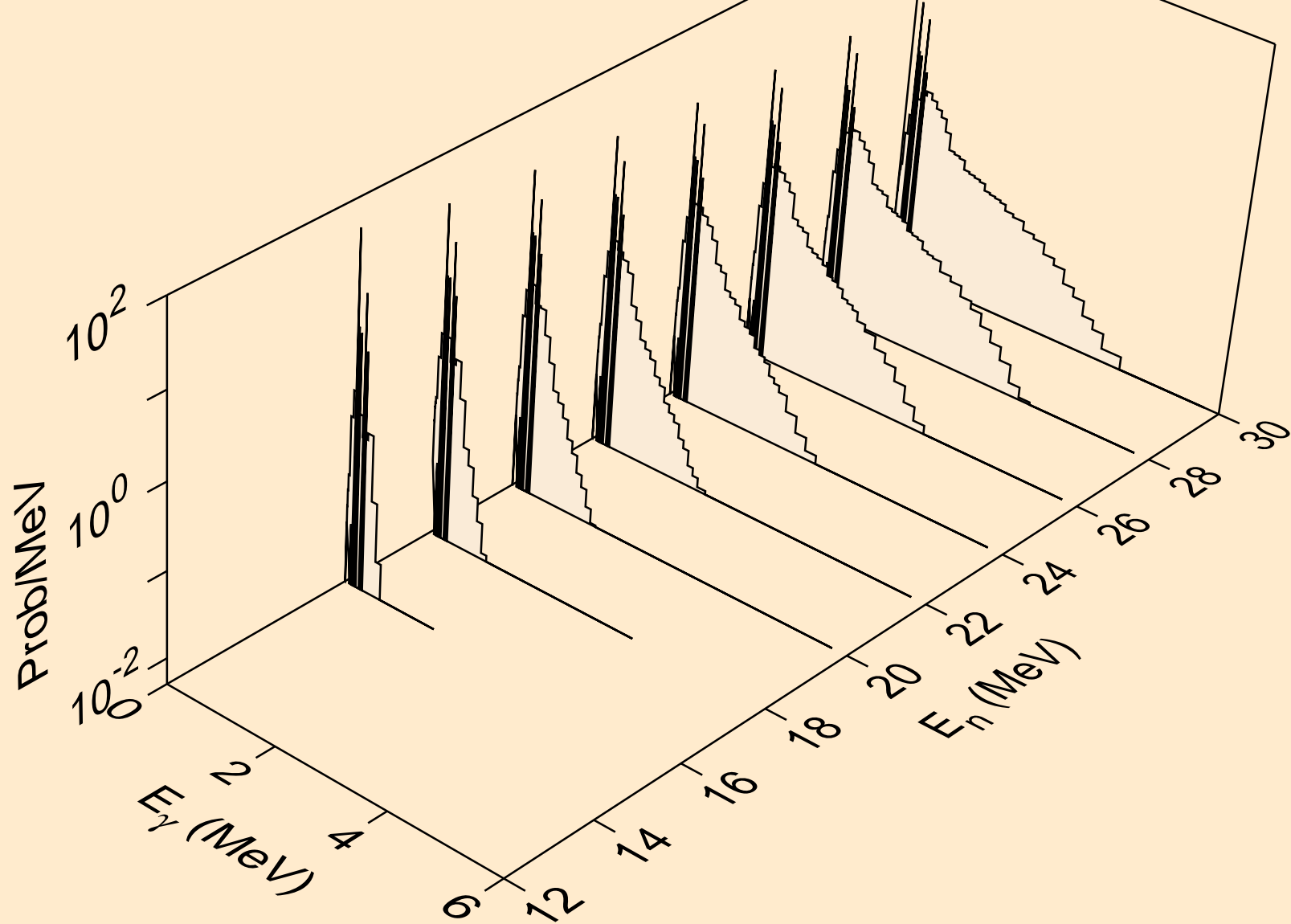
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



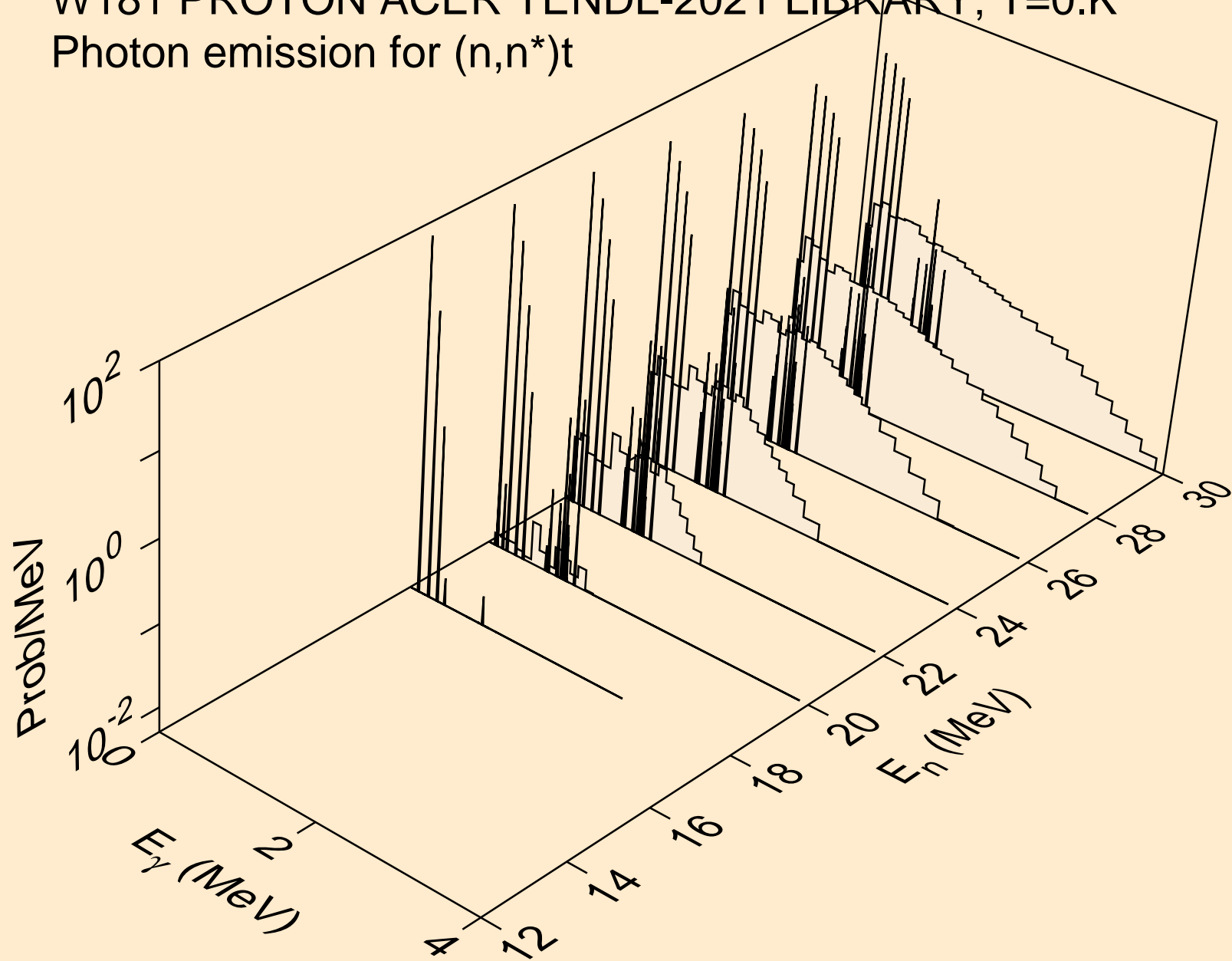
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

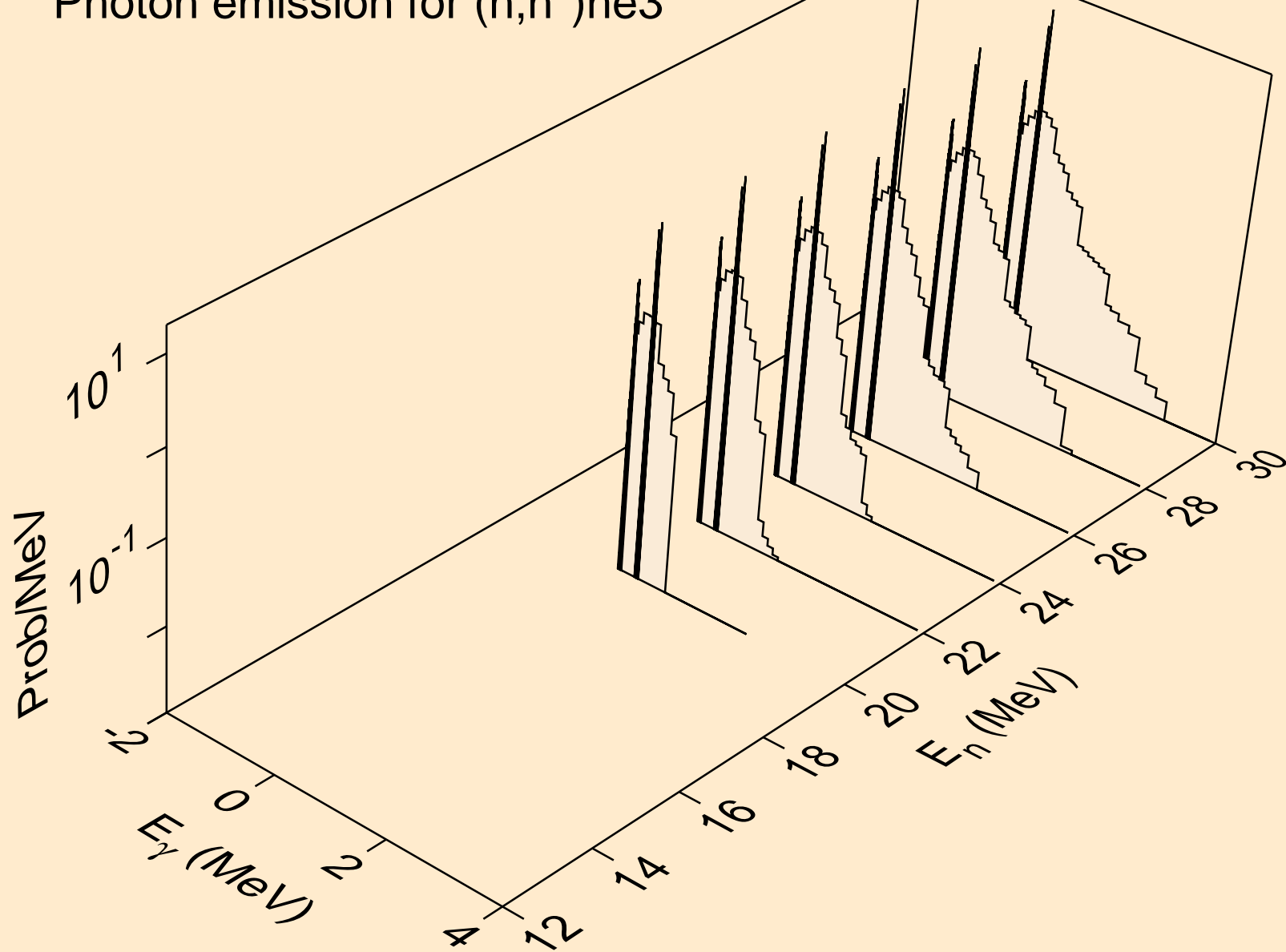


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

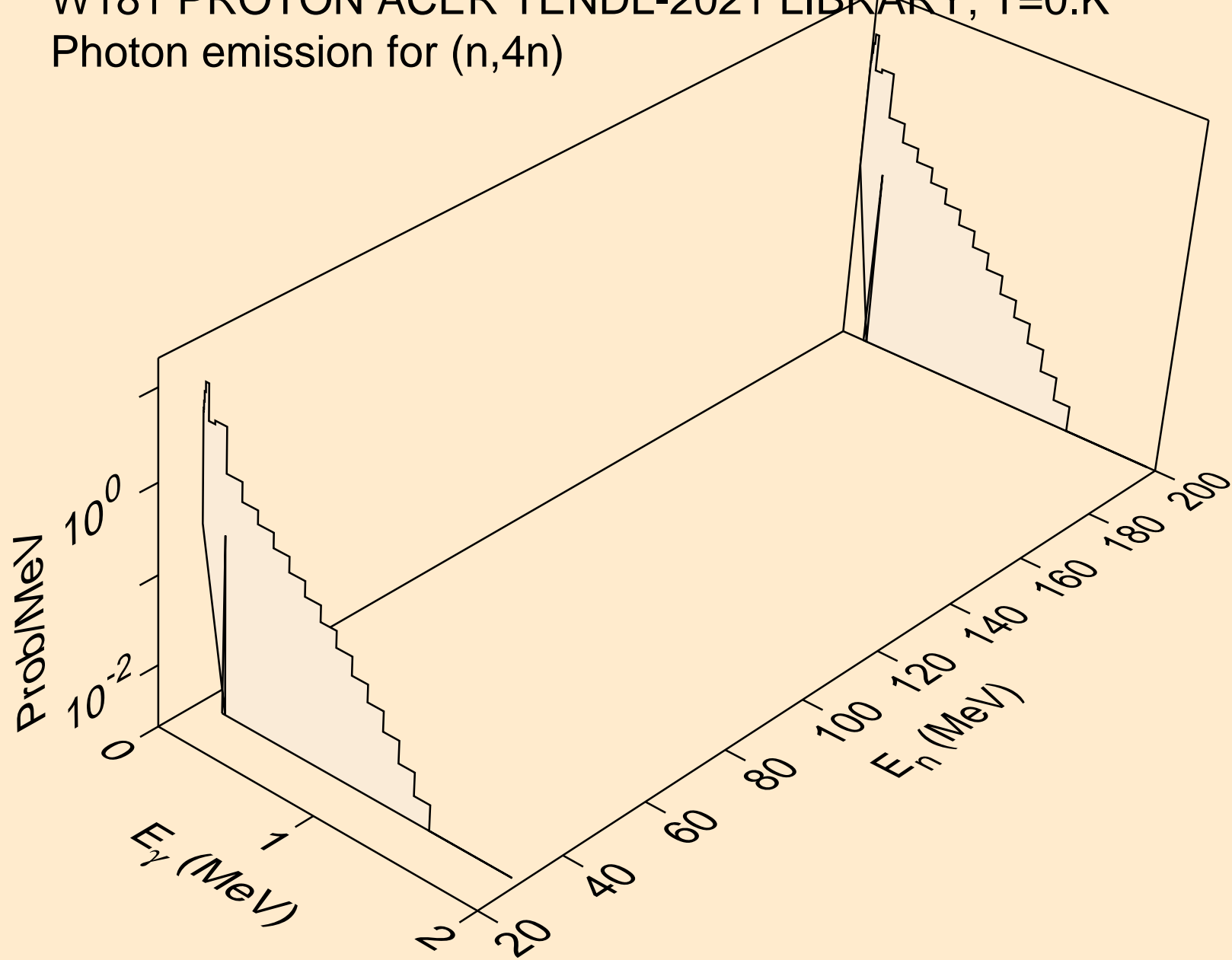




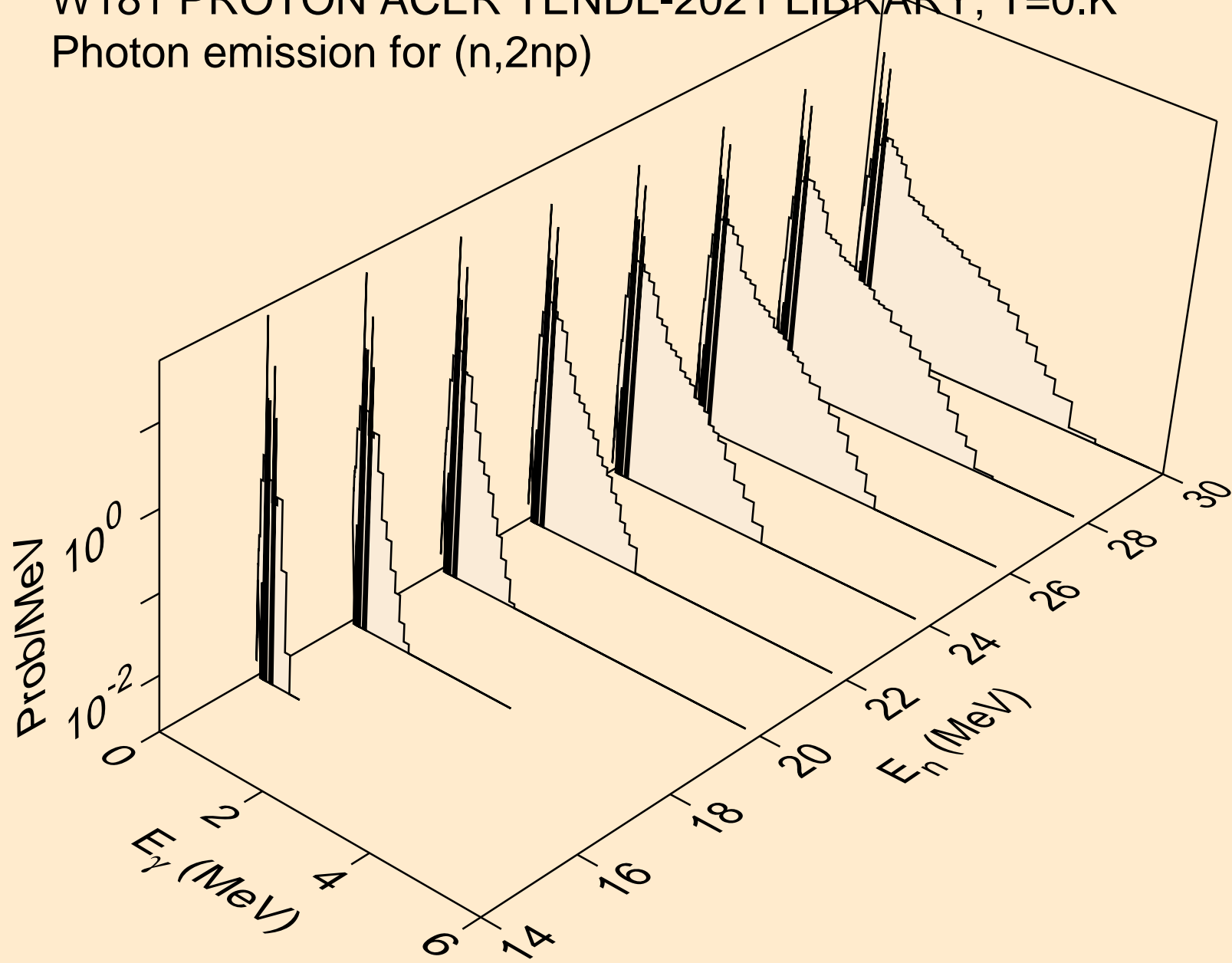
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



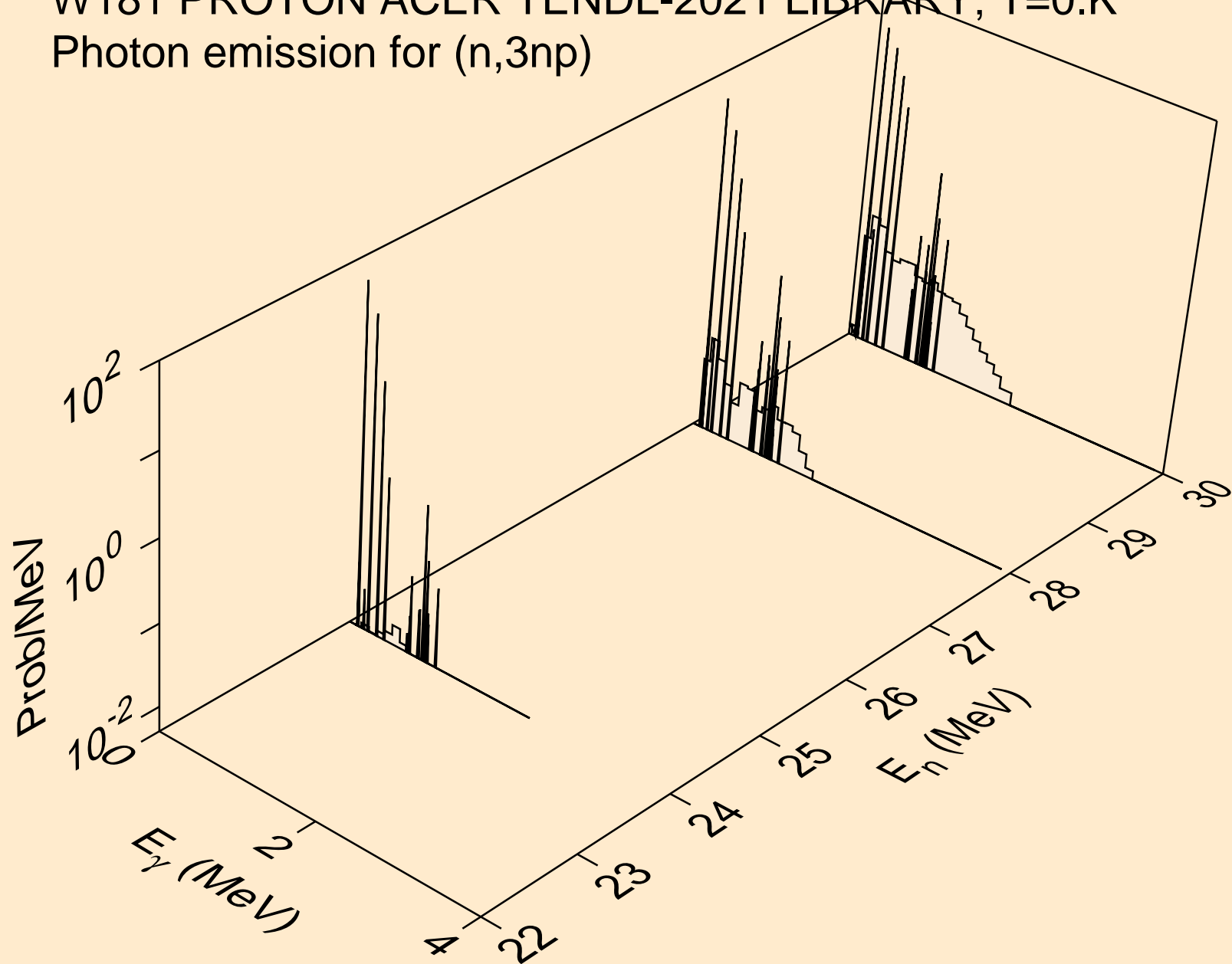
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



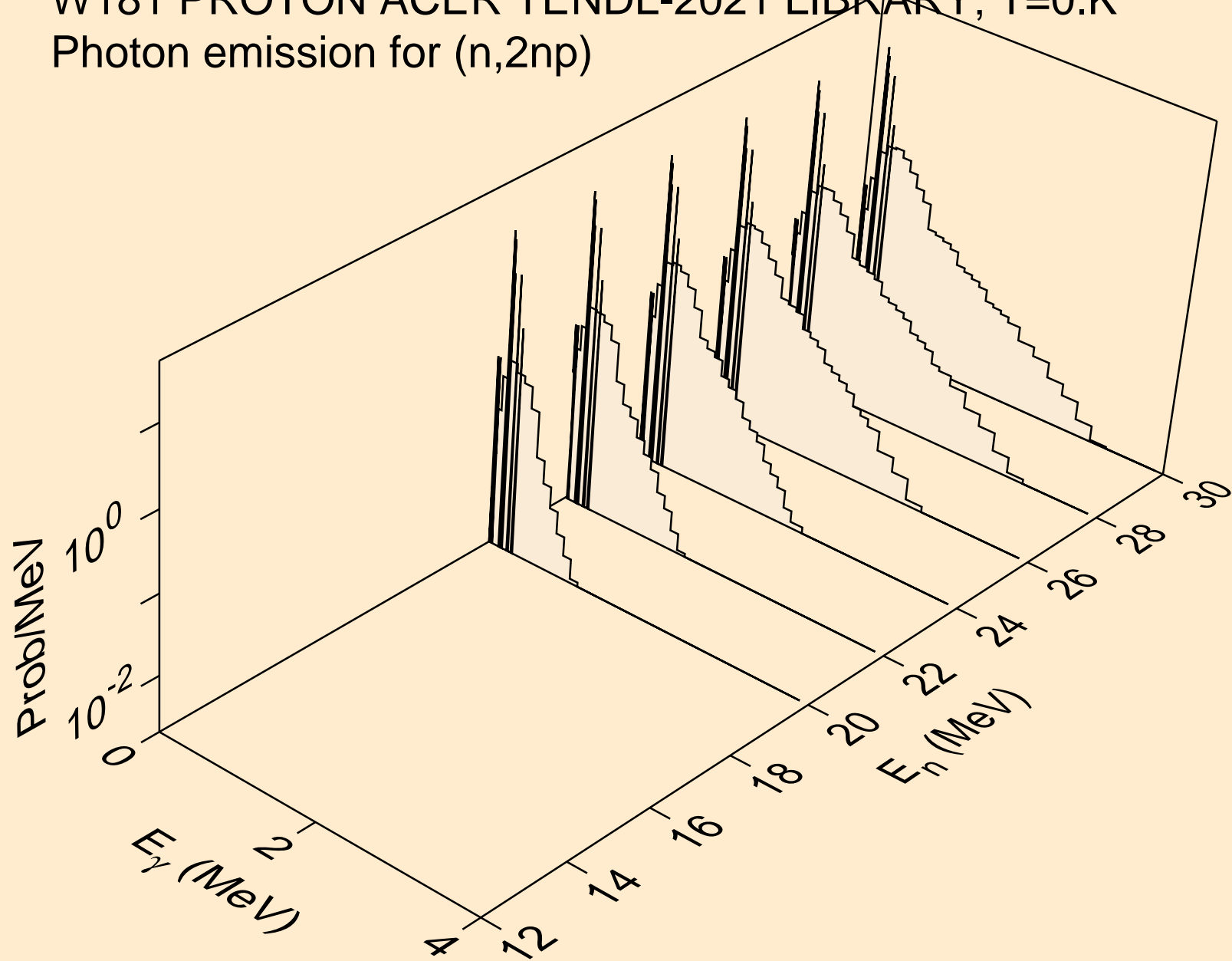
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



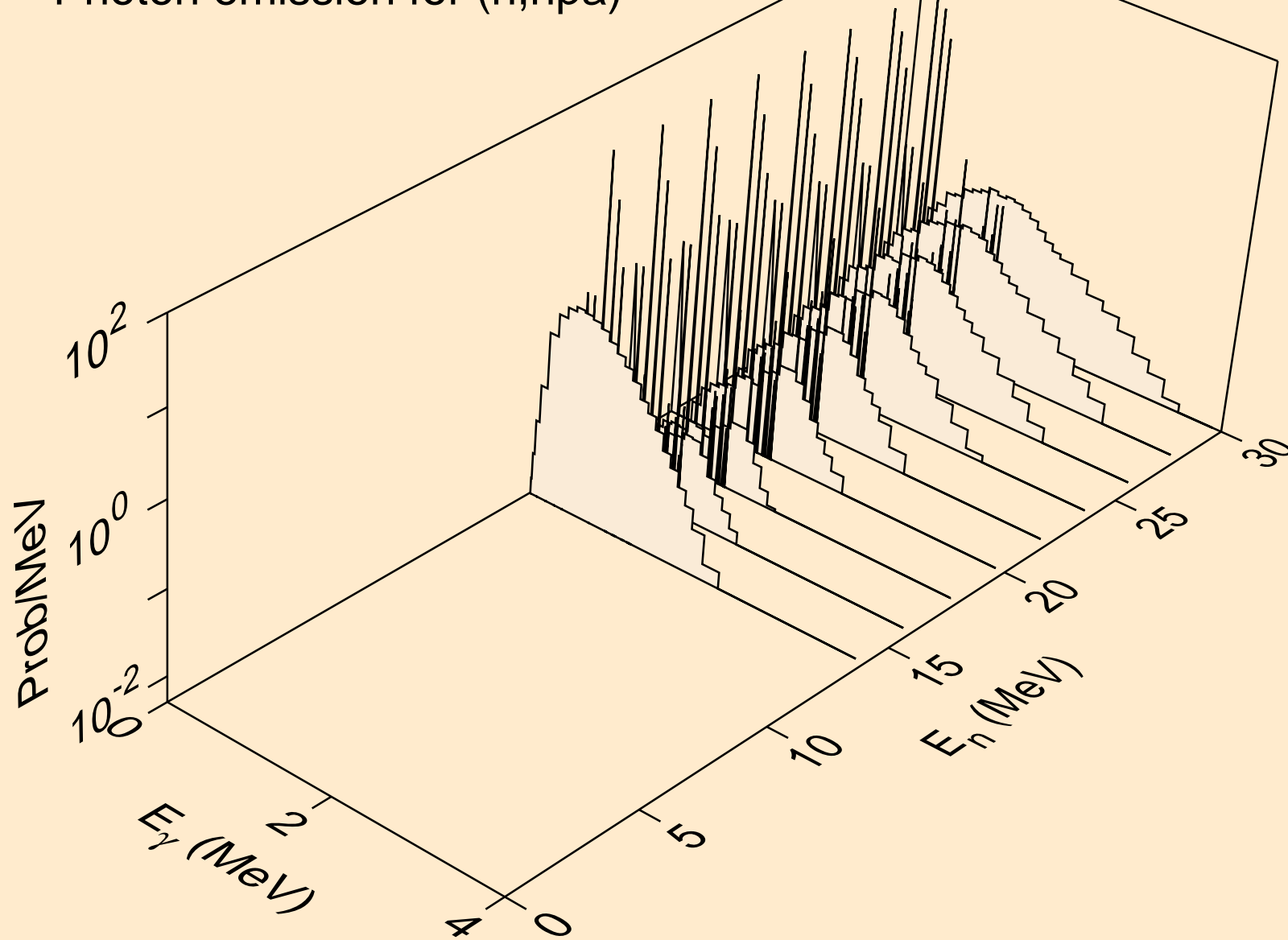
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



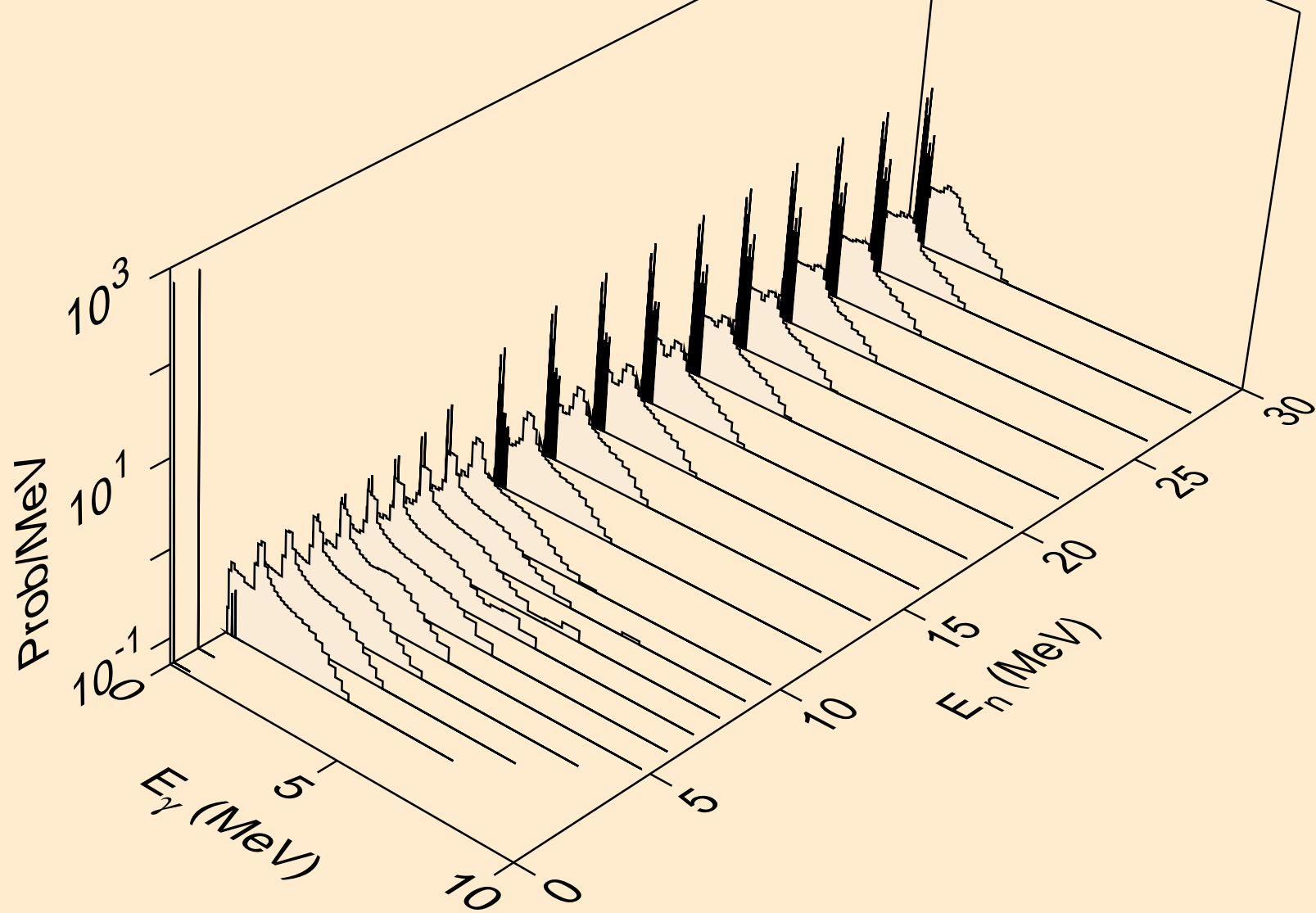
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



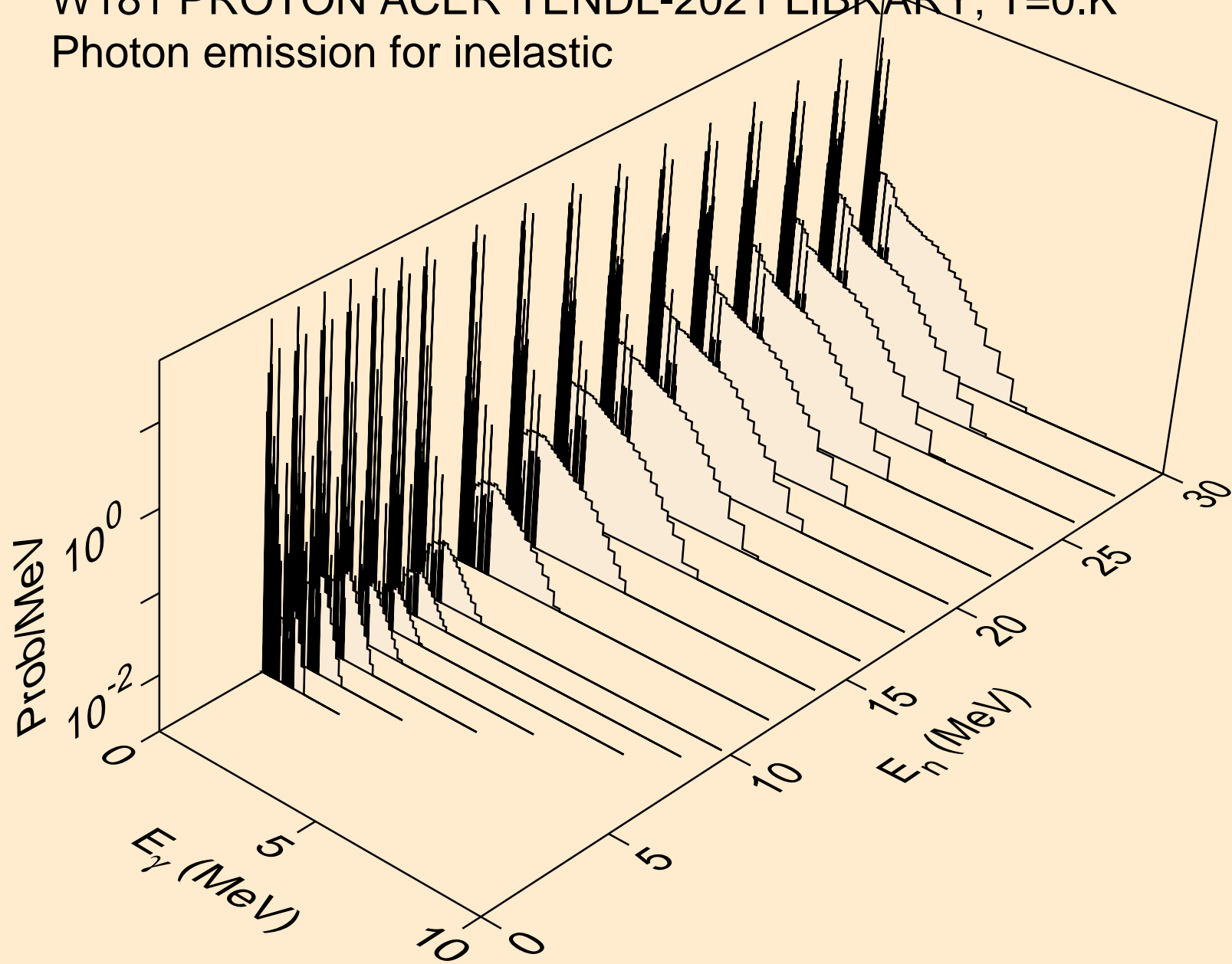
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

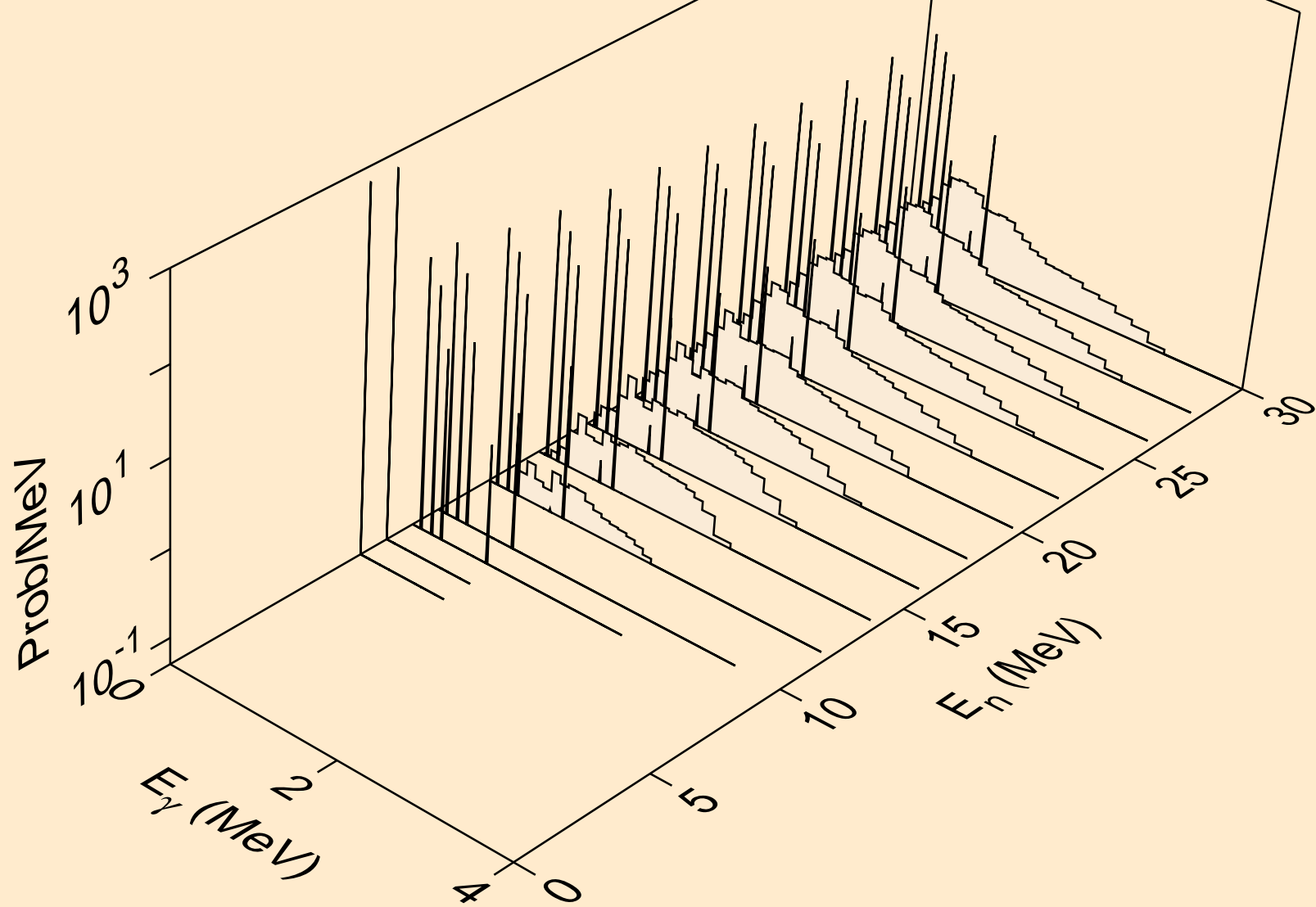


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

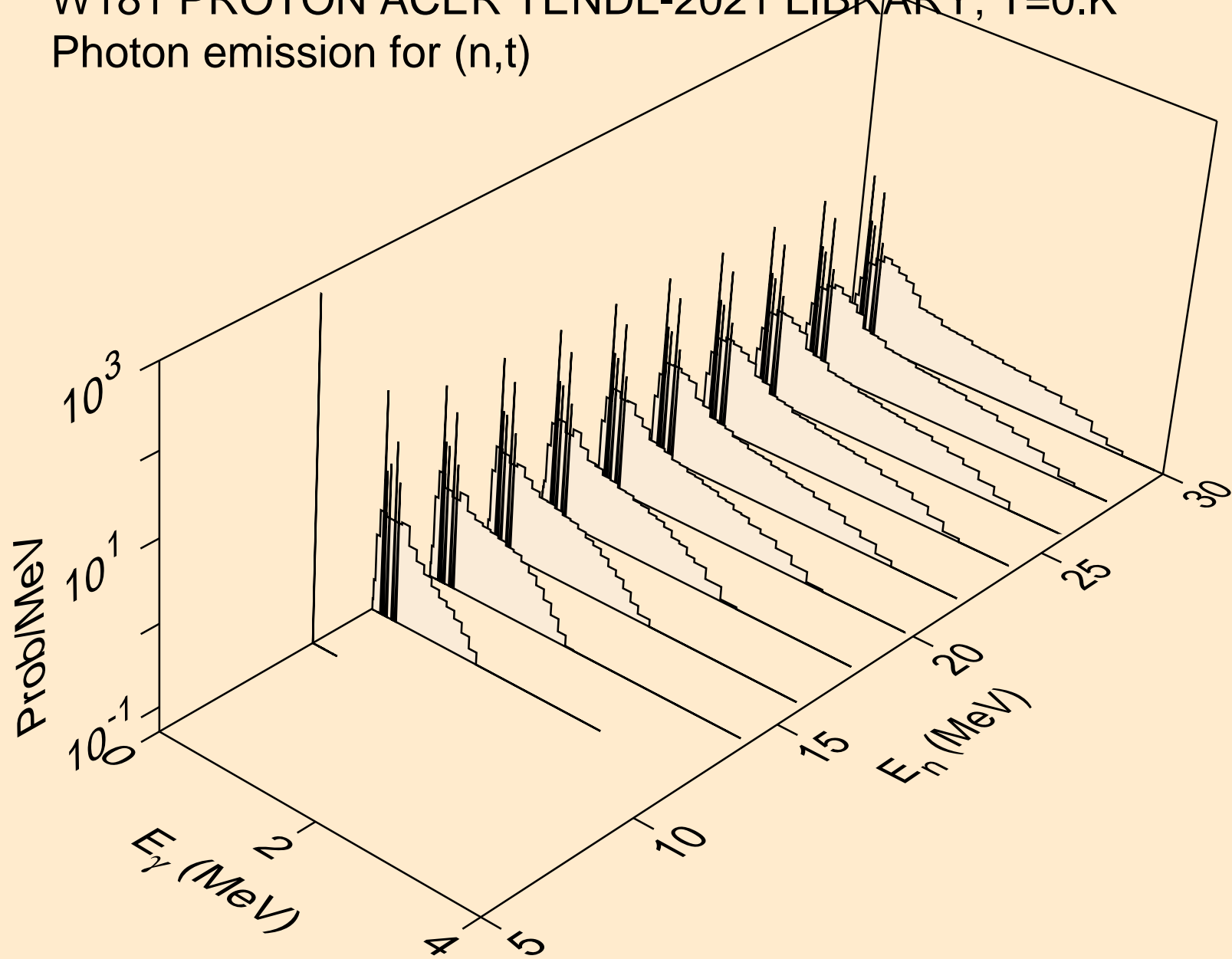




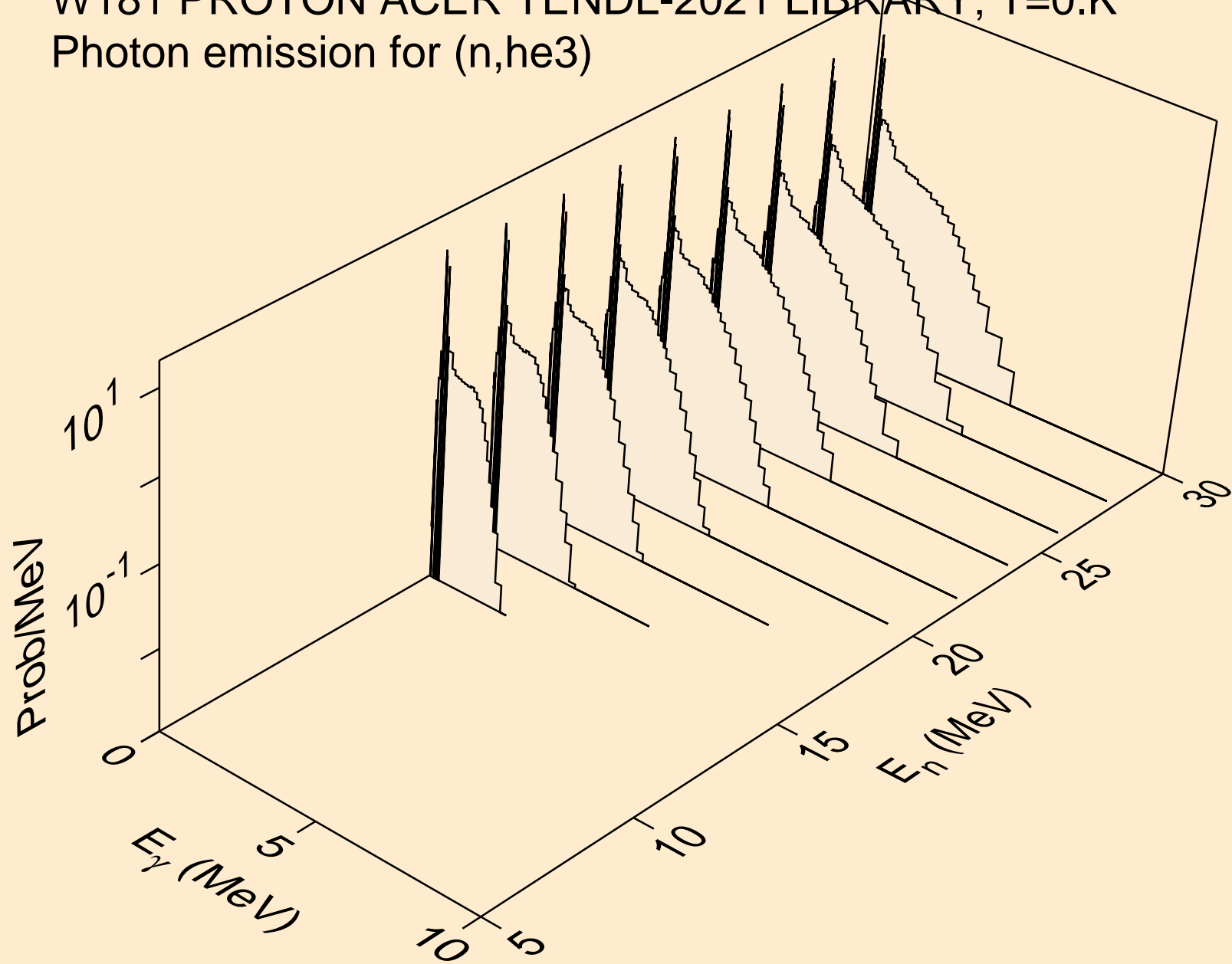
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



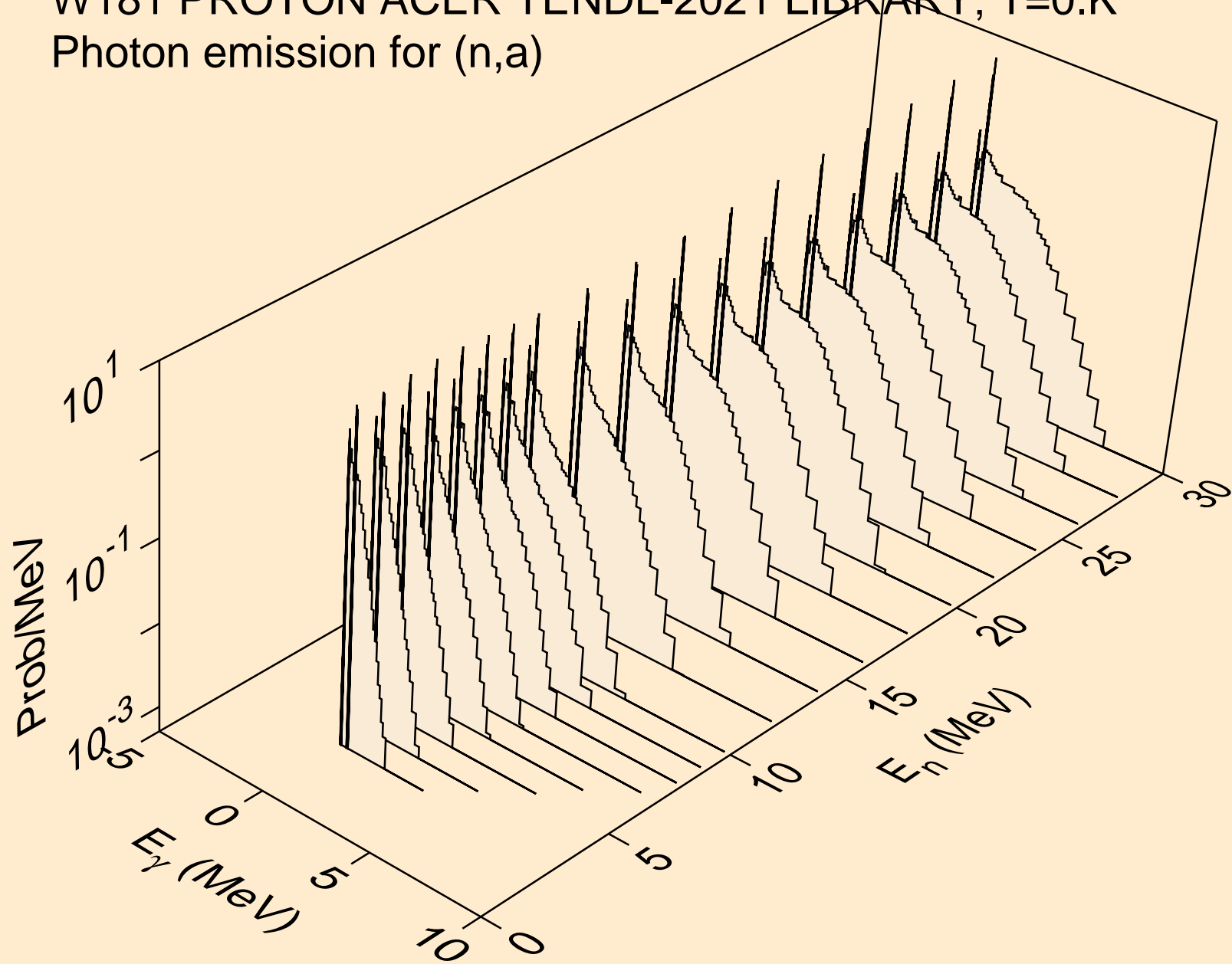
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



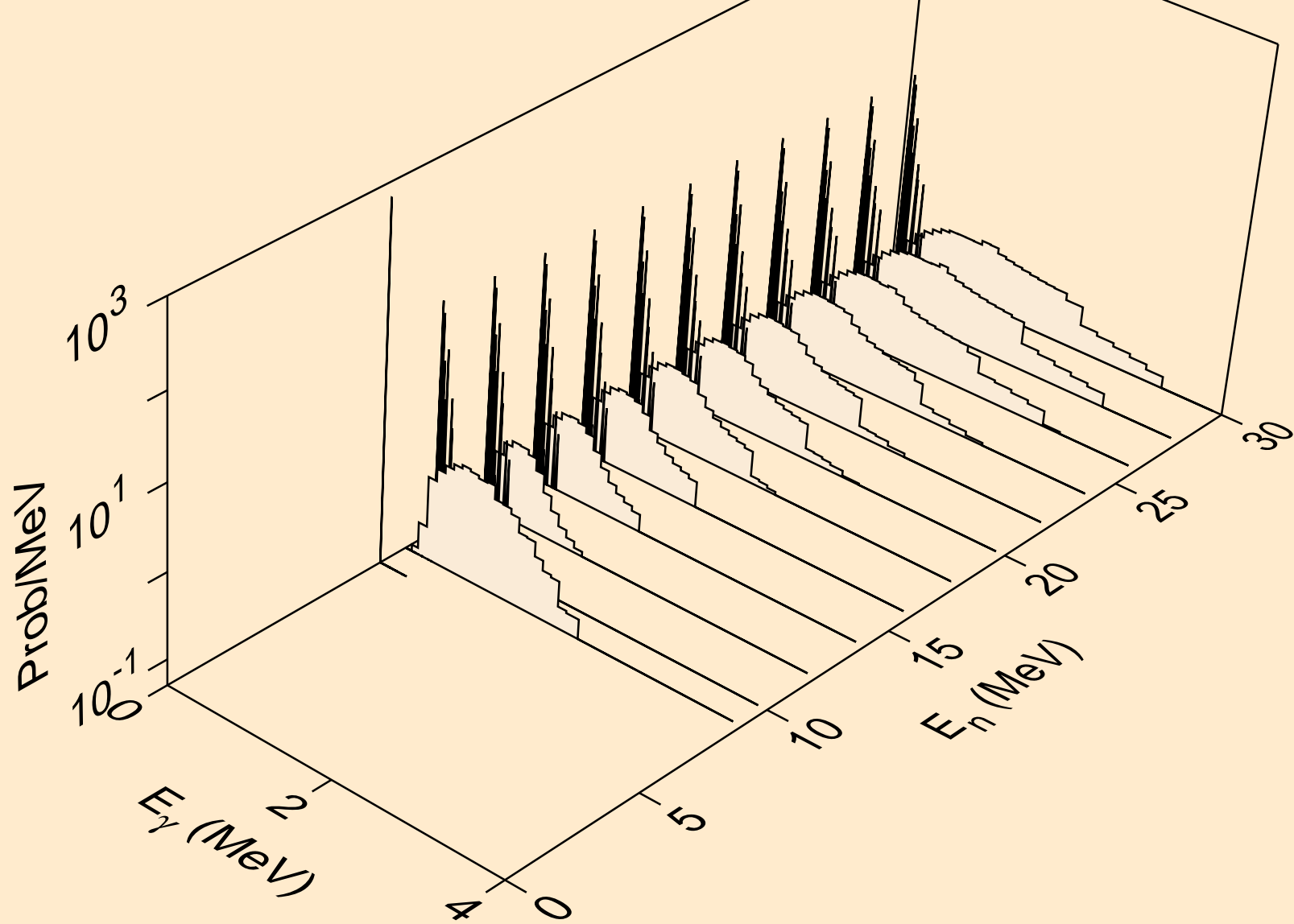
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



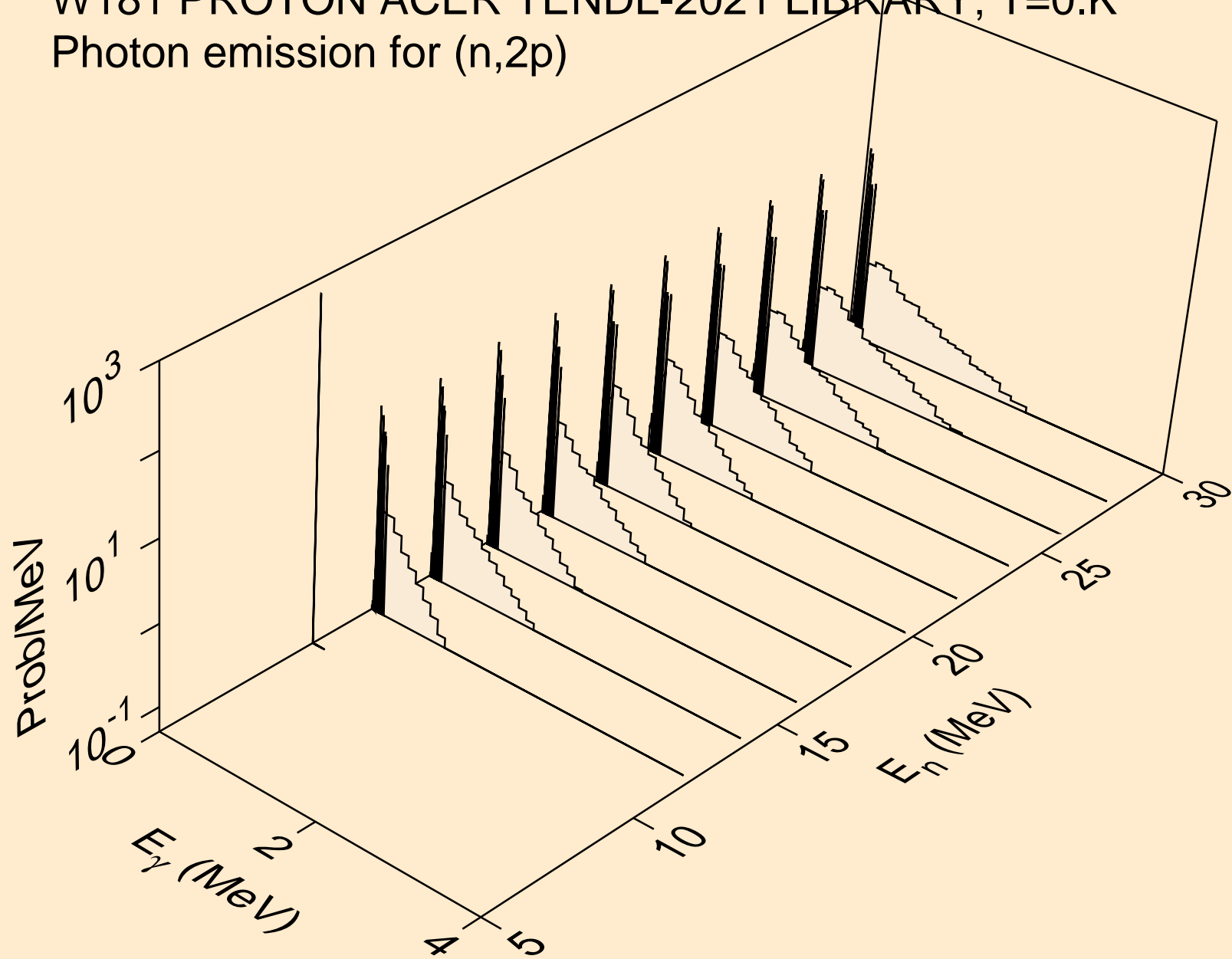
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



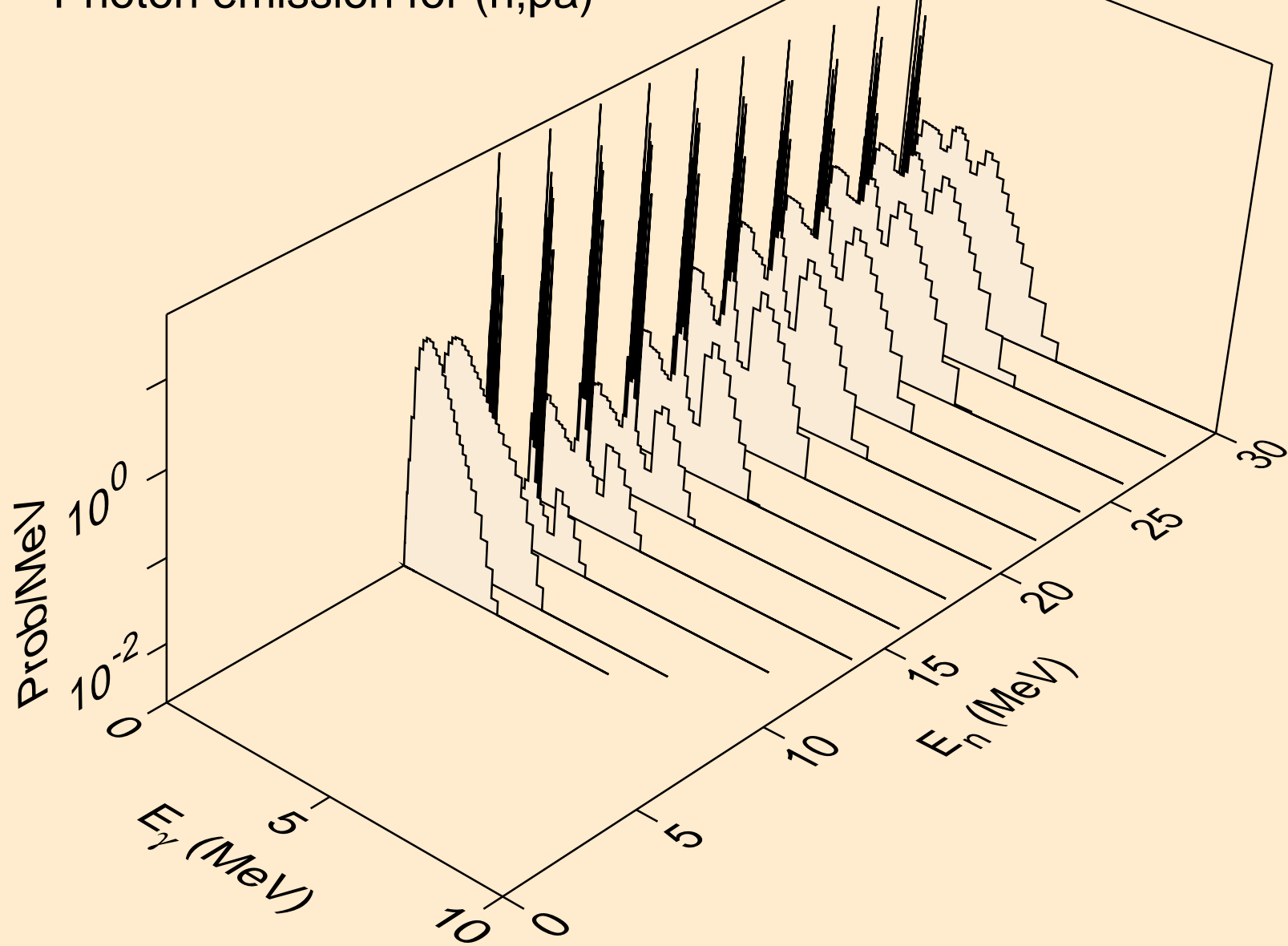
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



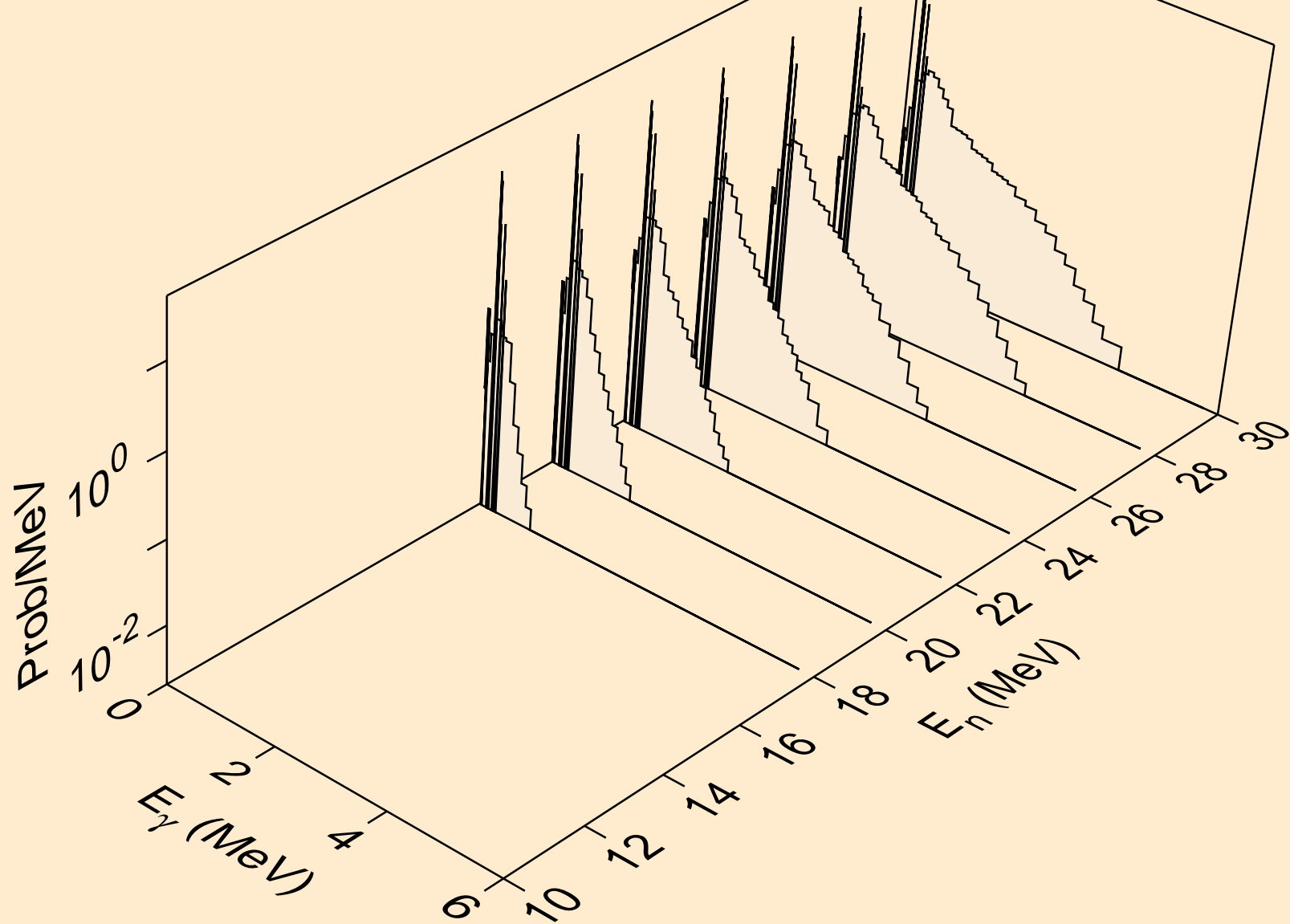
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

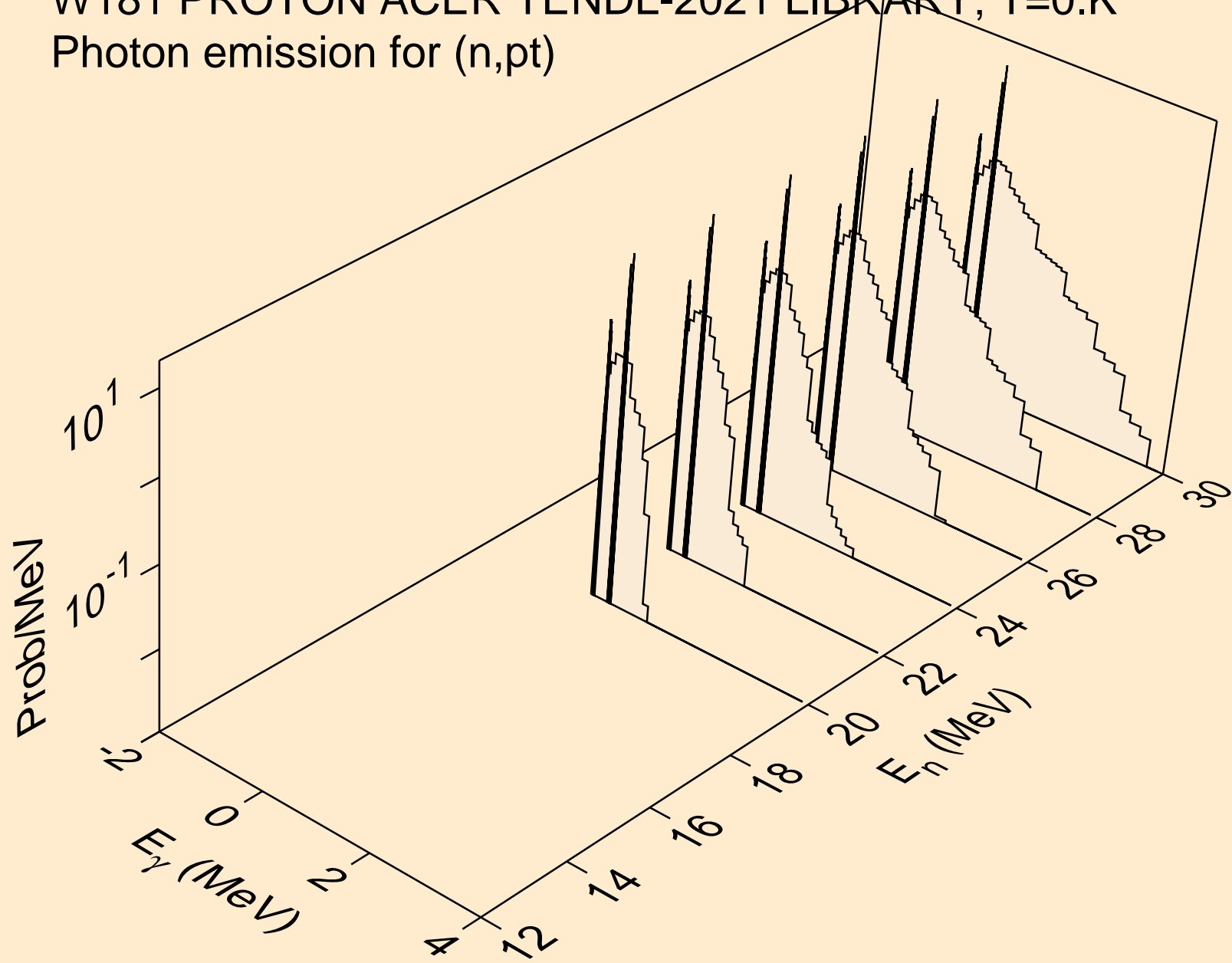


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

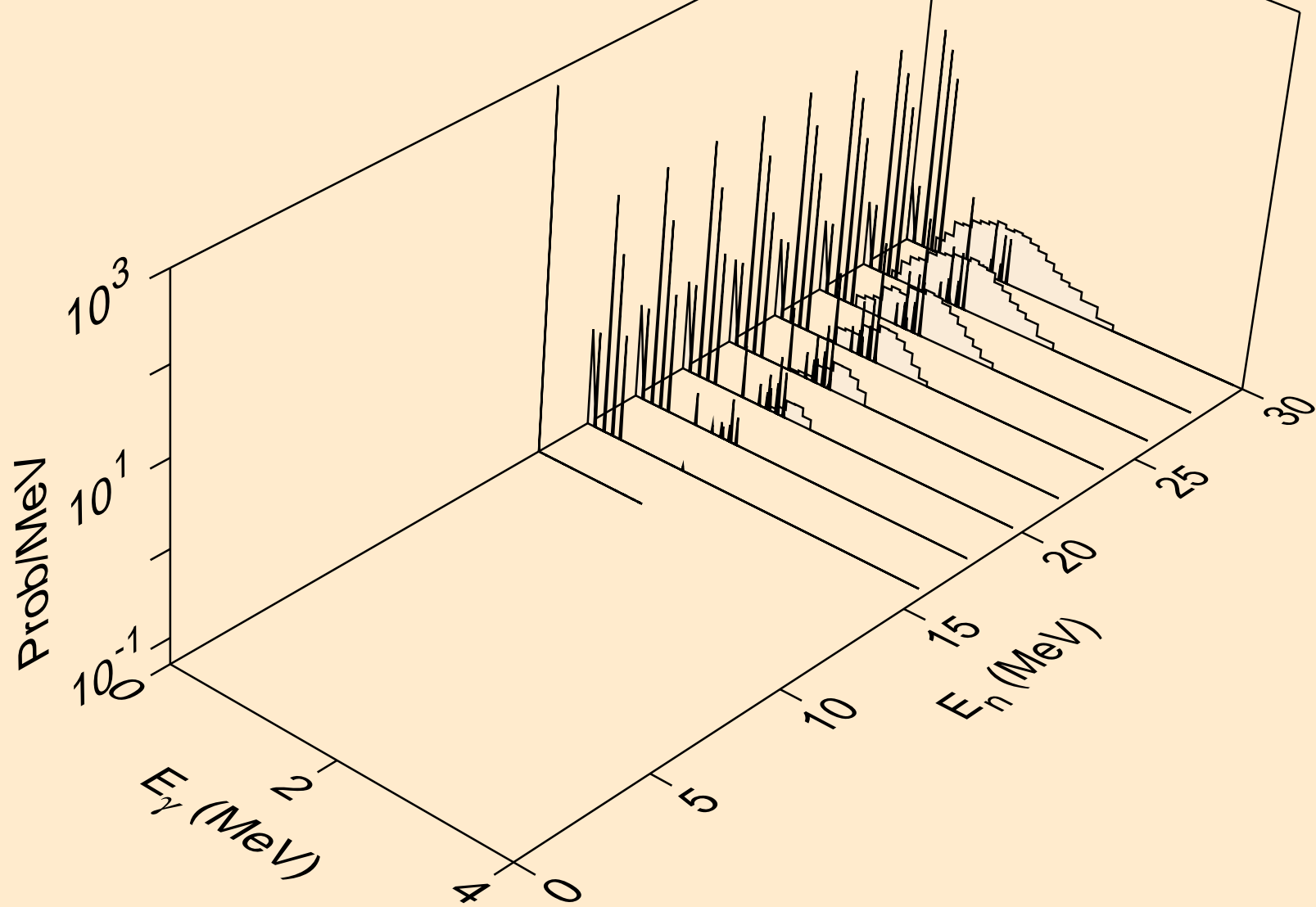




W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

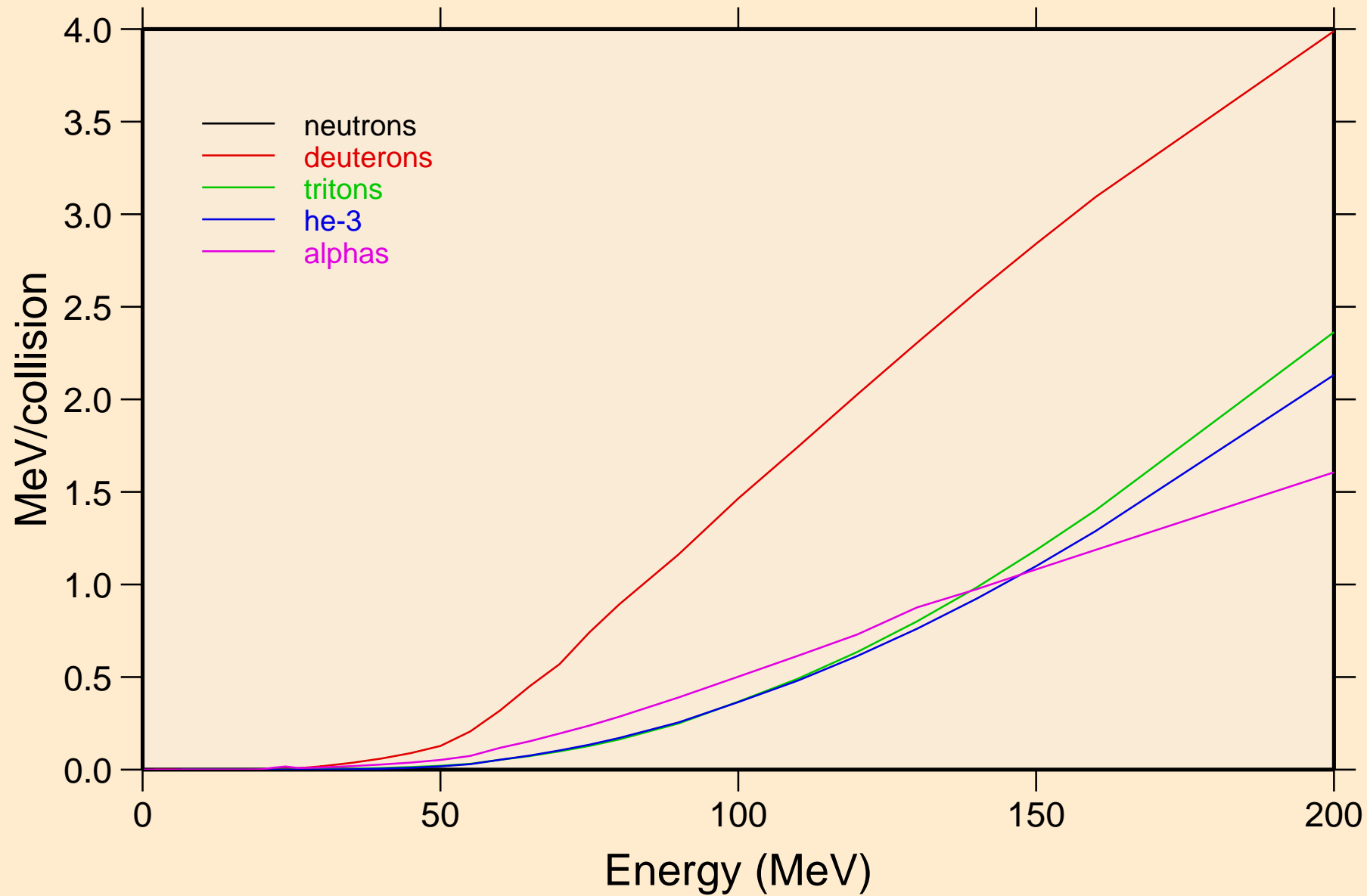


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

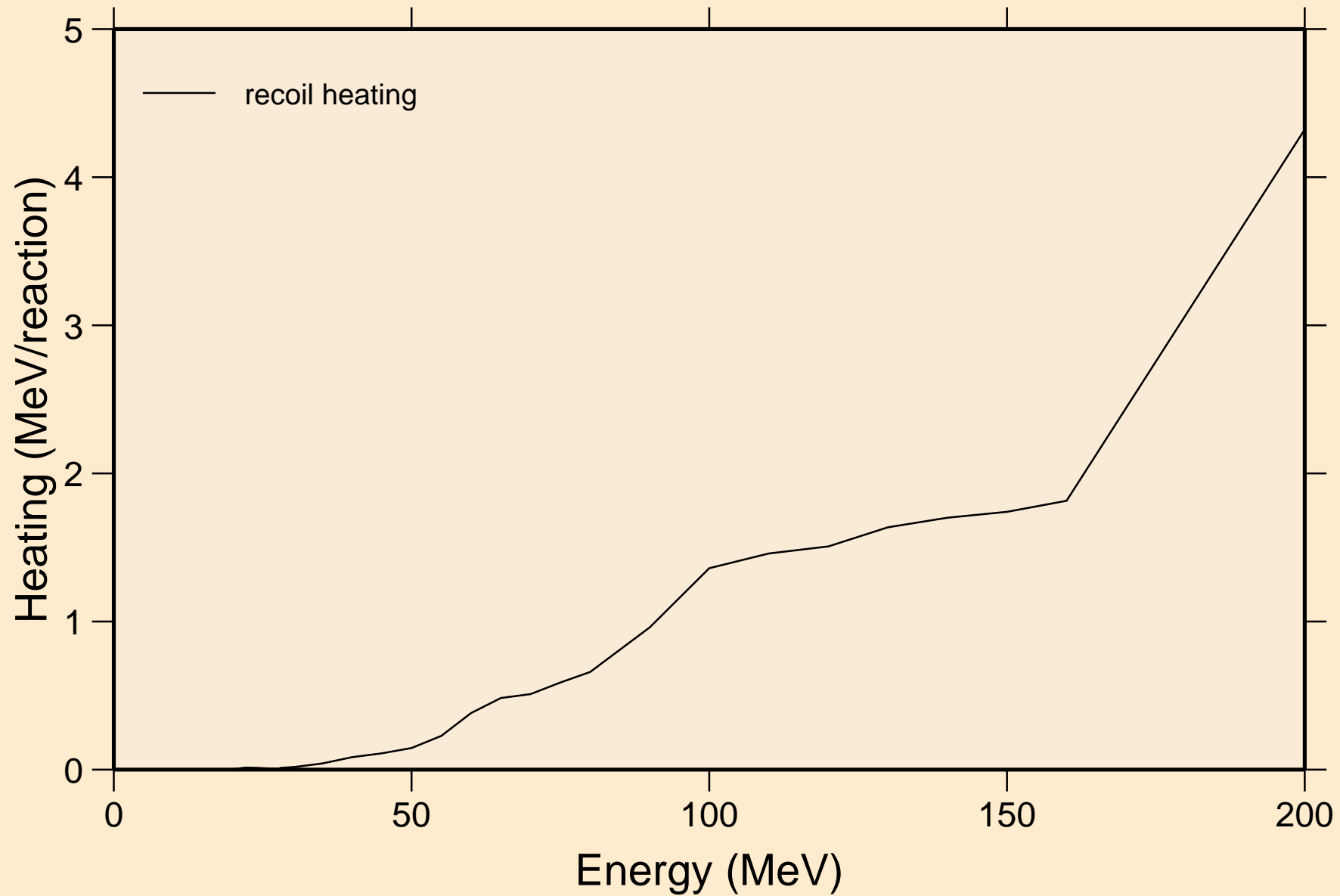


# W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K

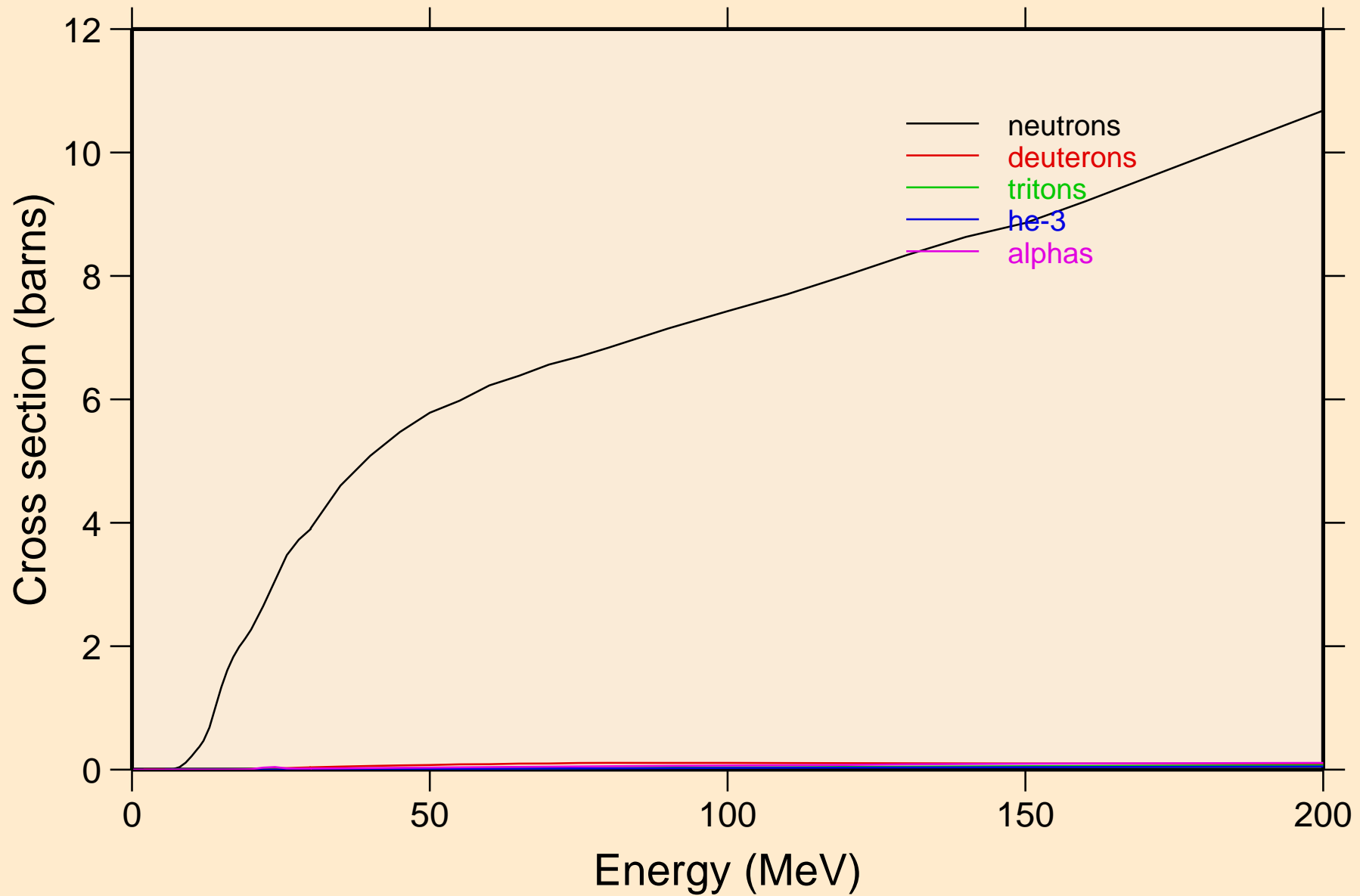
## Particle heating contributions



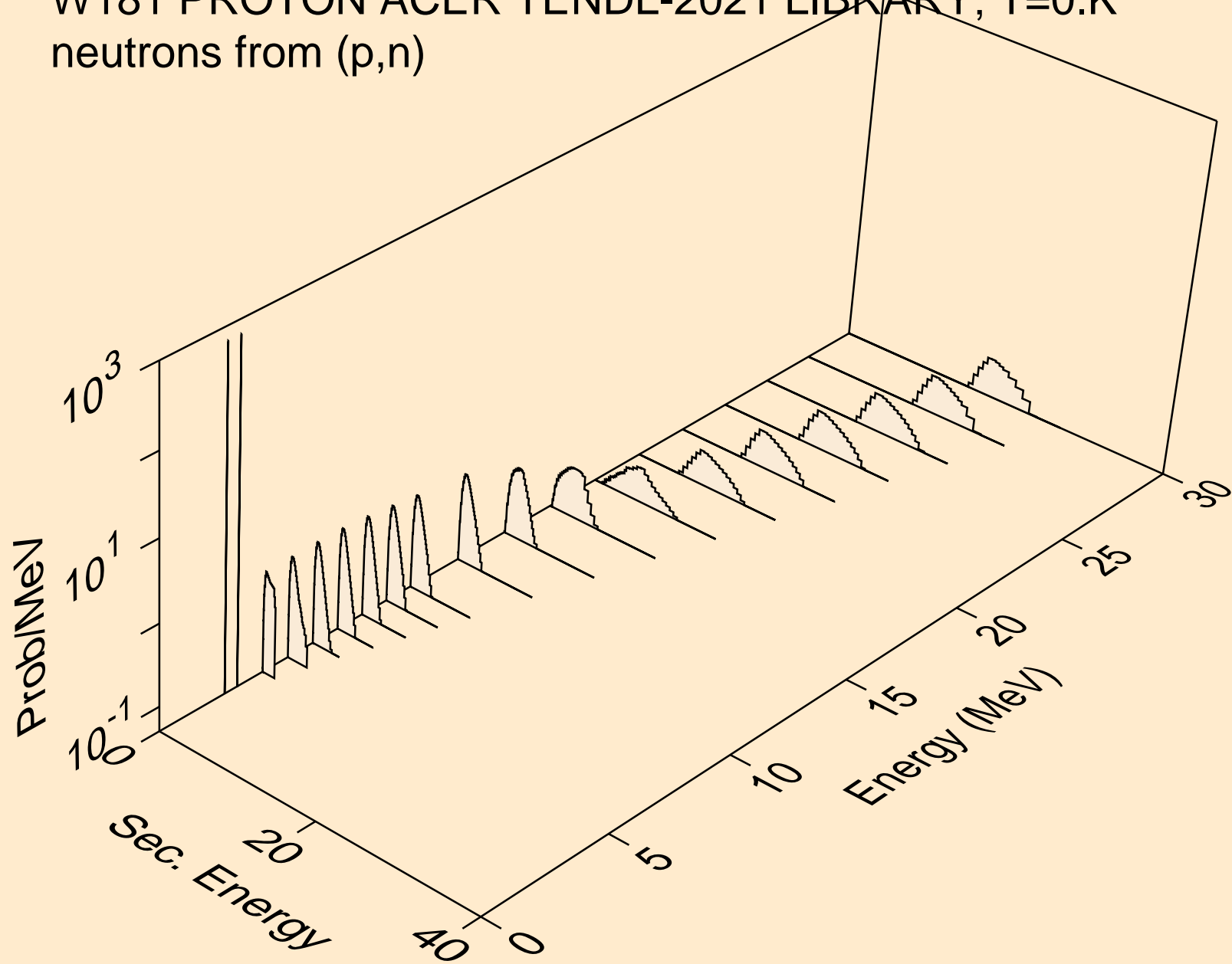
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



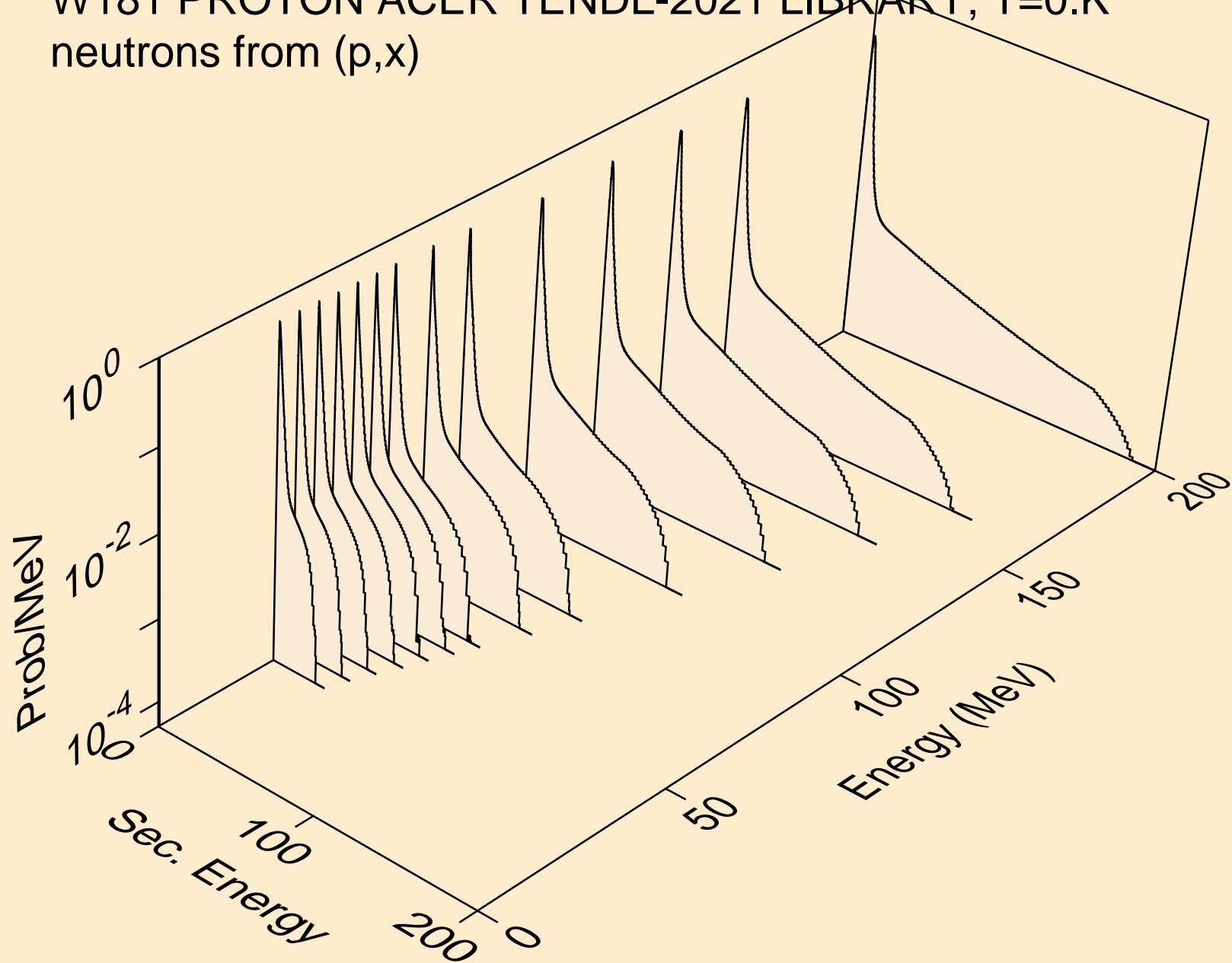
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



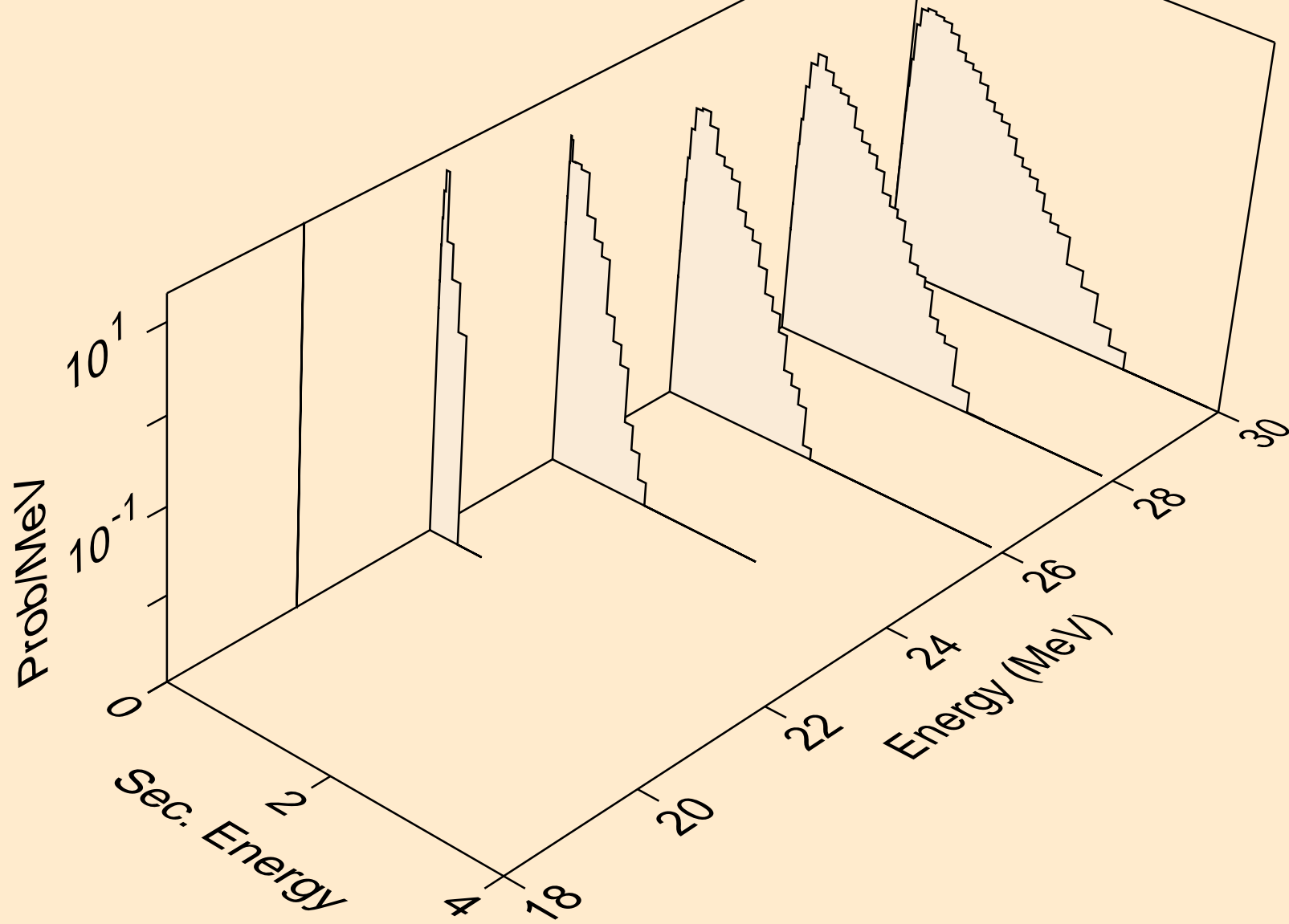
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

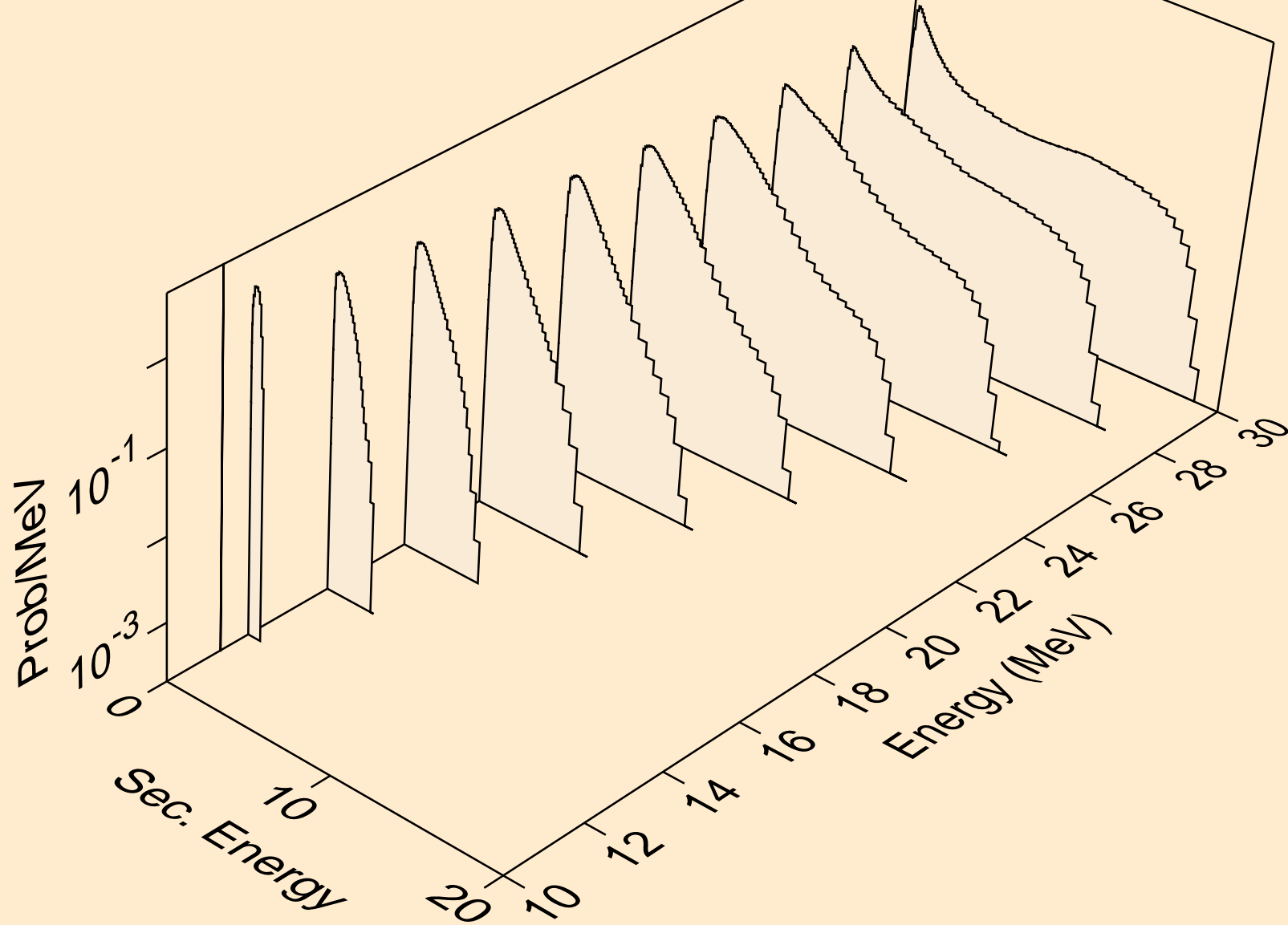


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

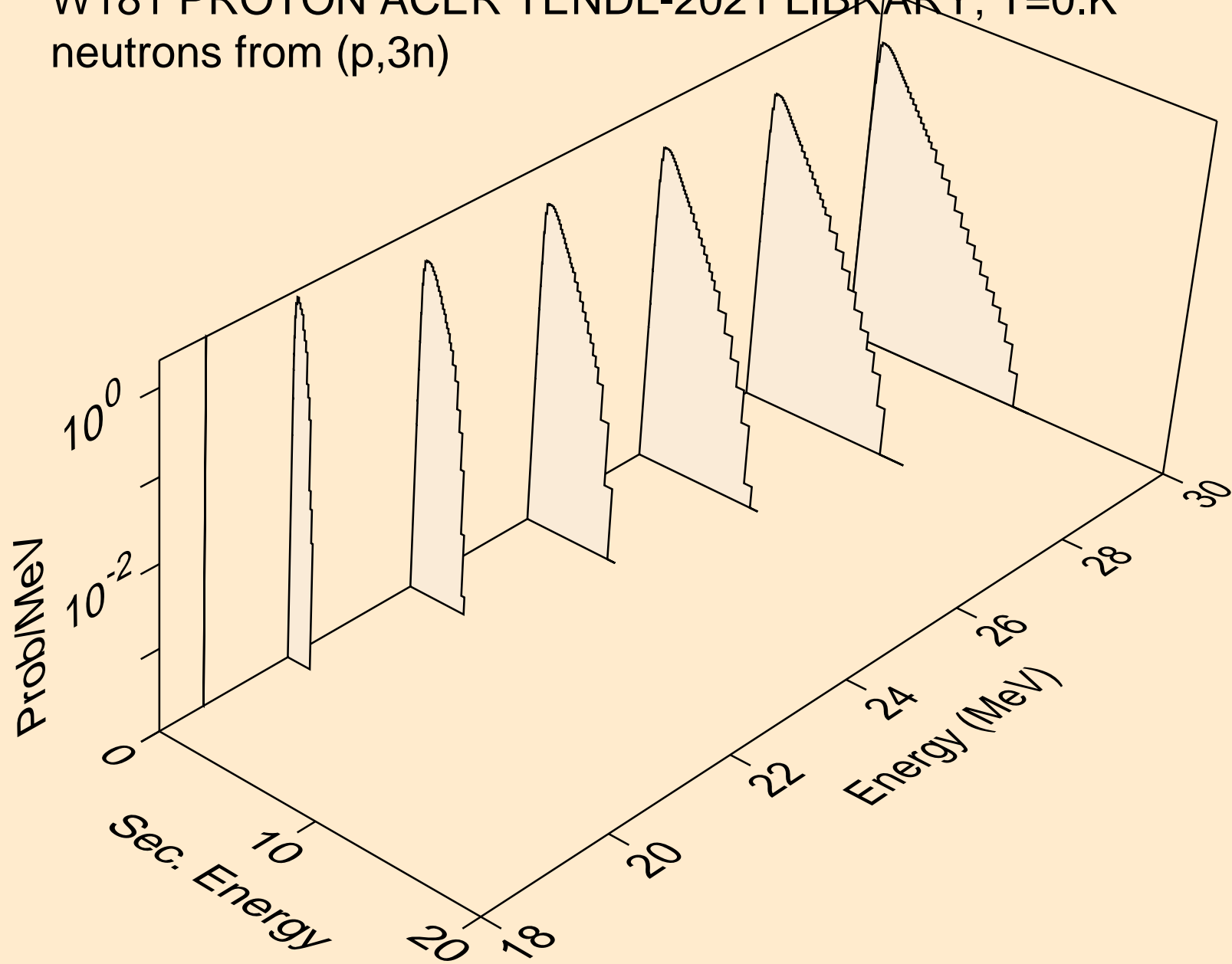




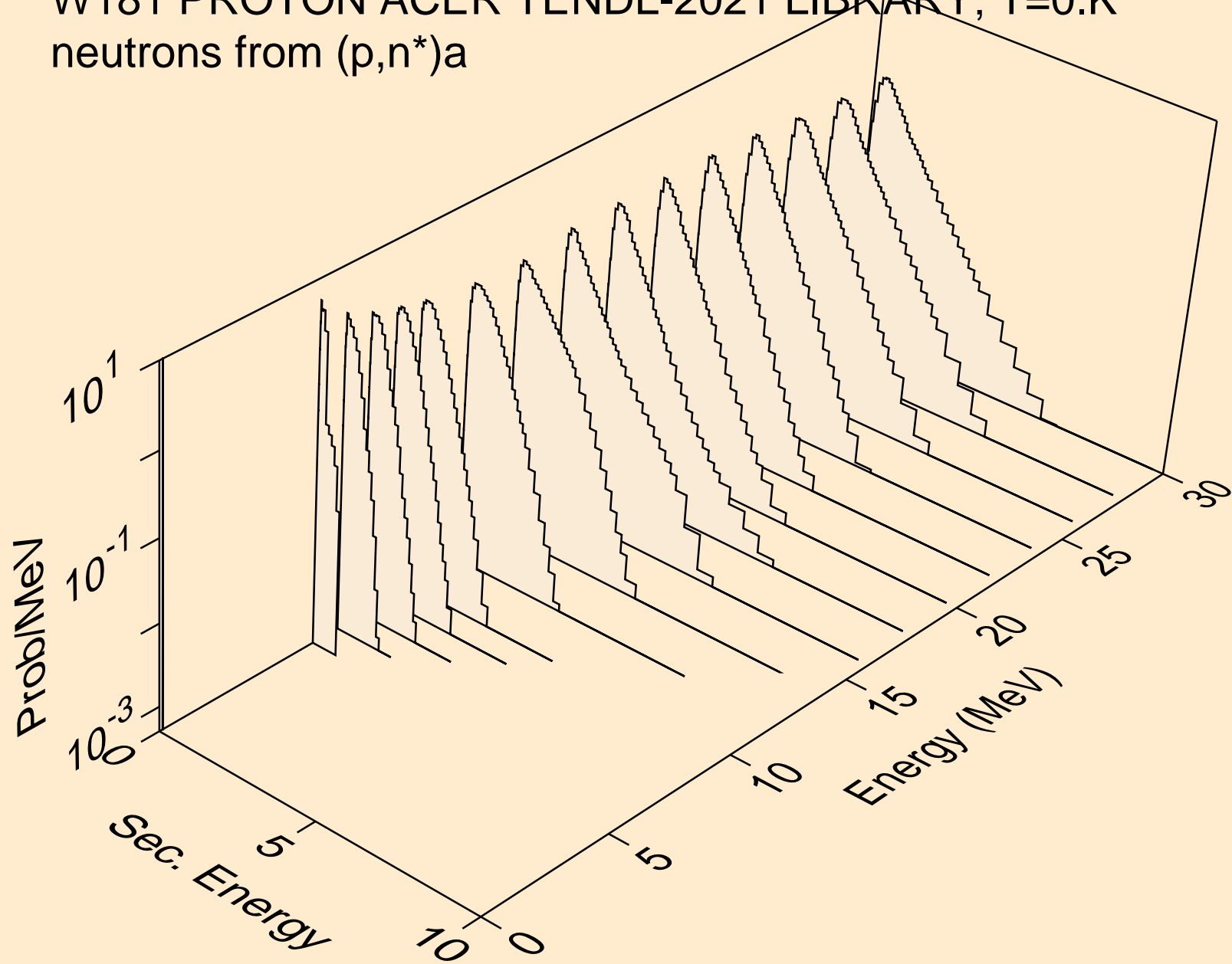
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



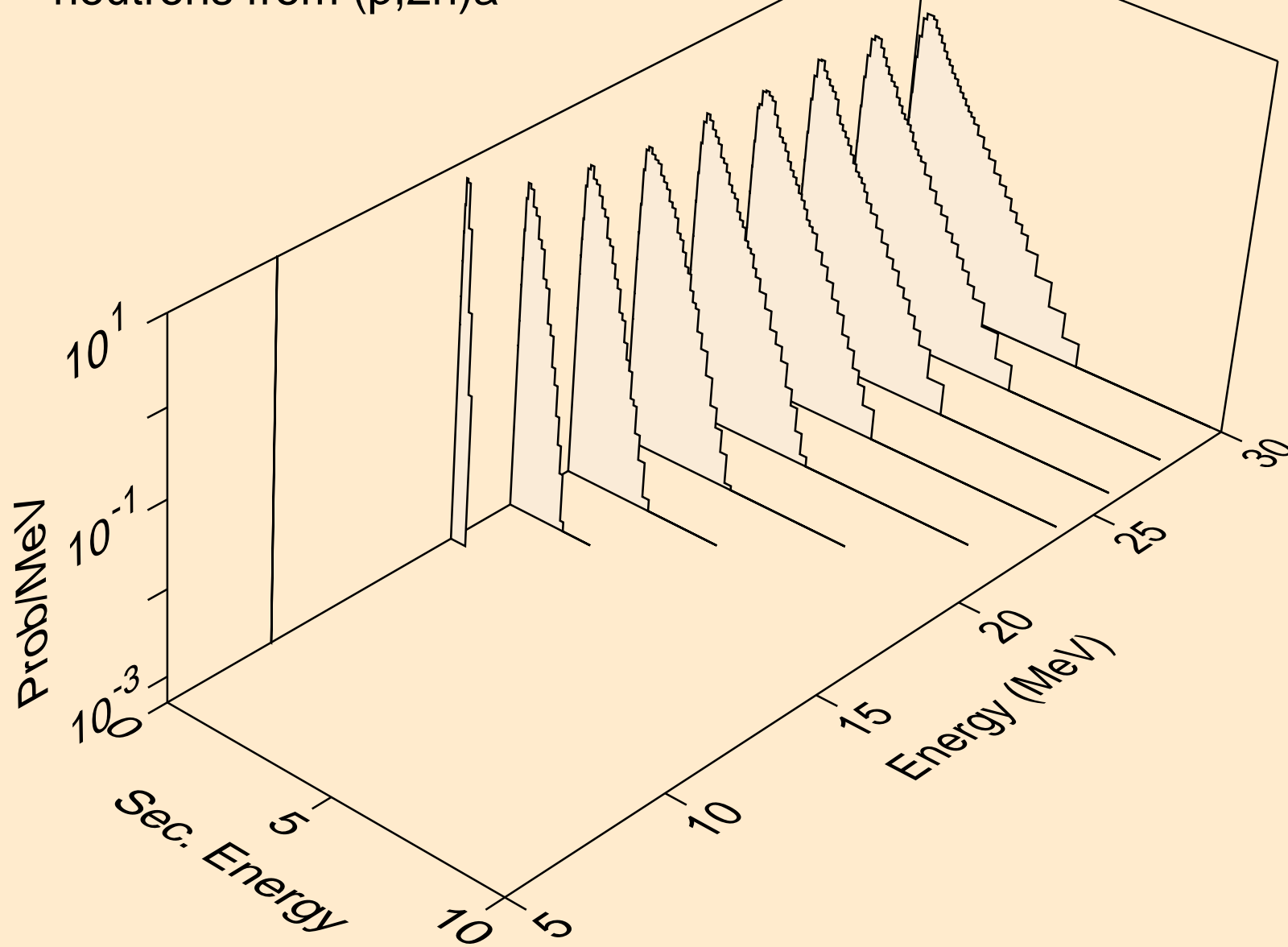
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



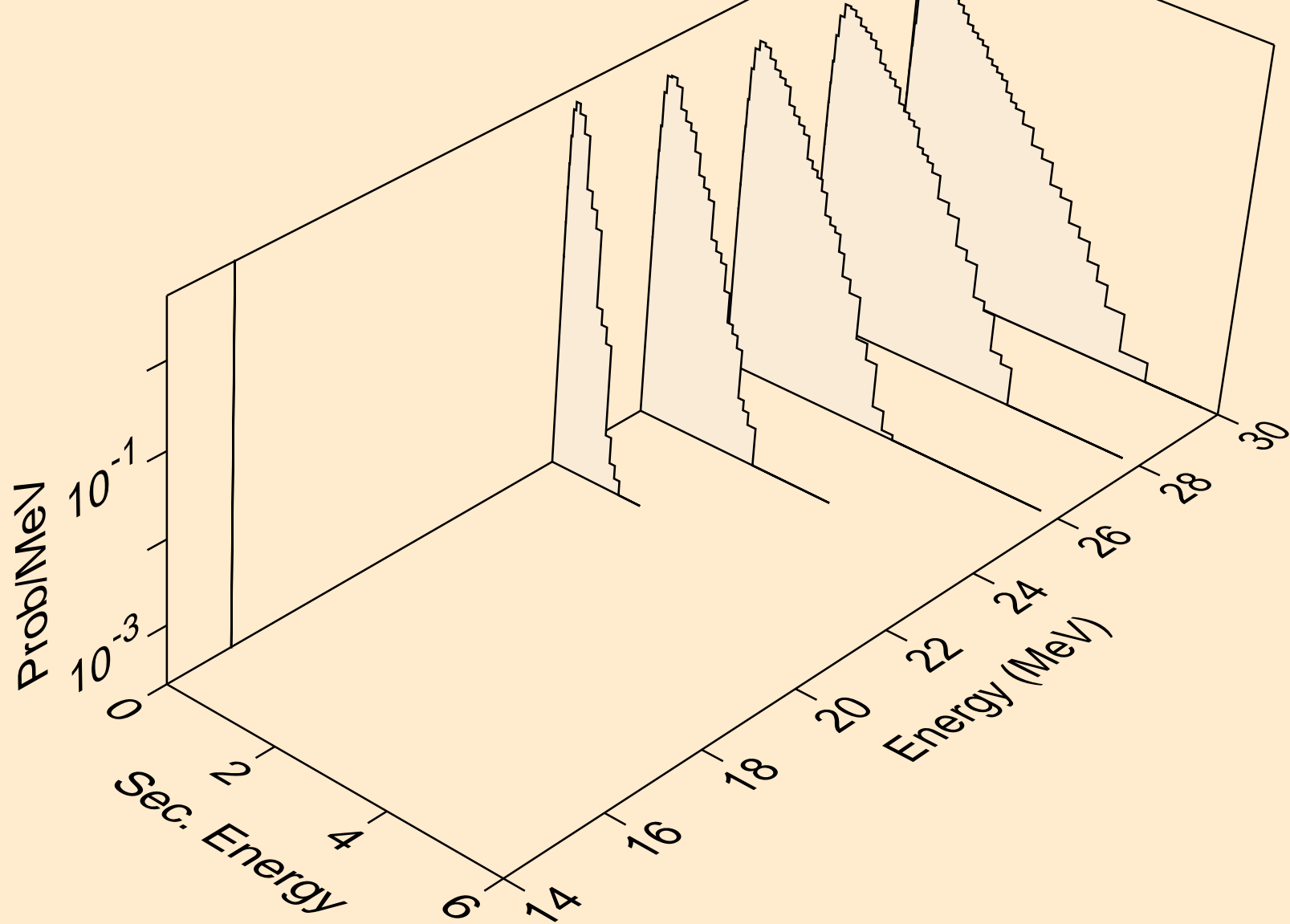
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



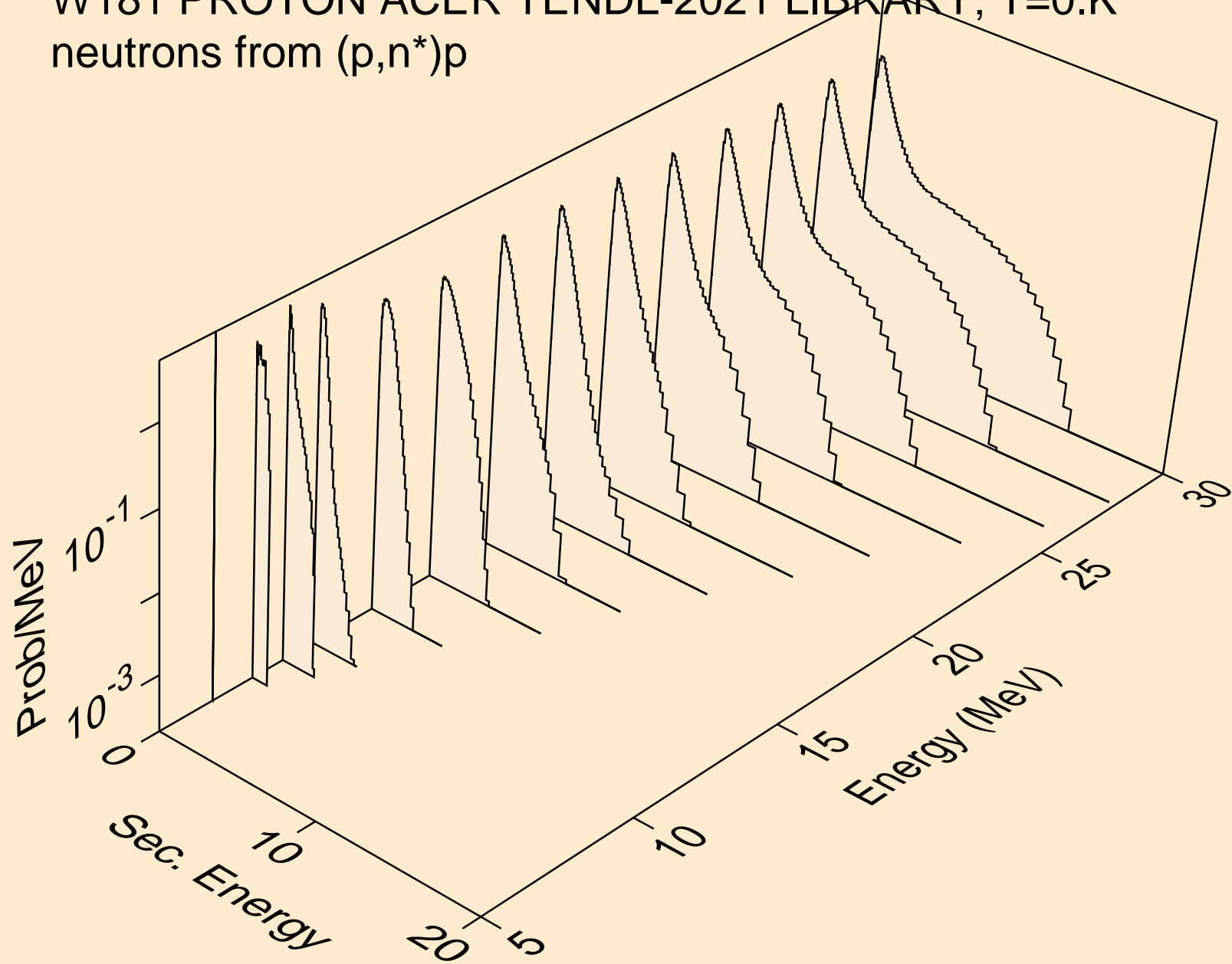
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



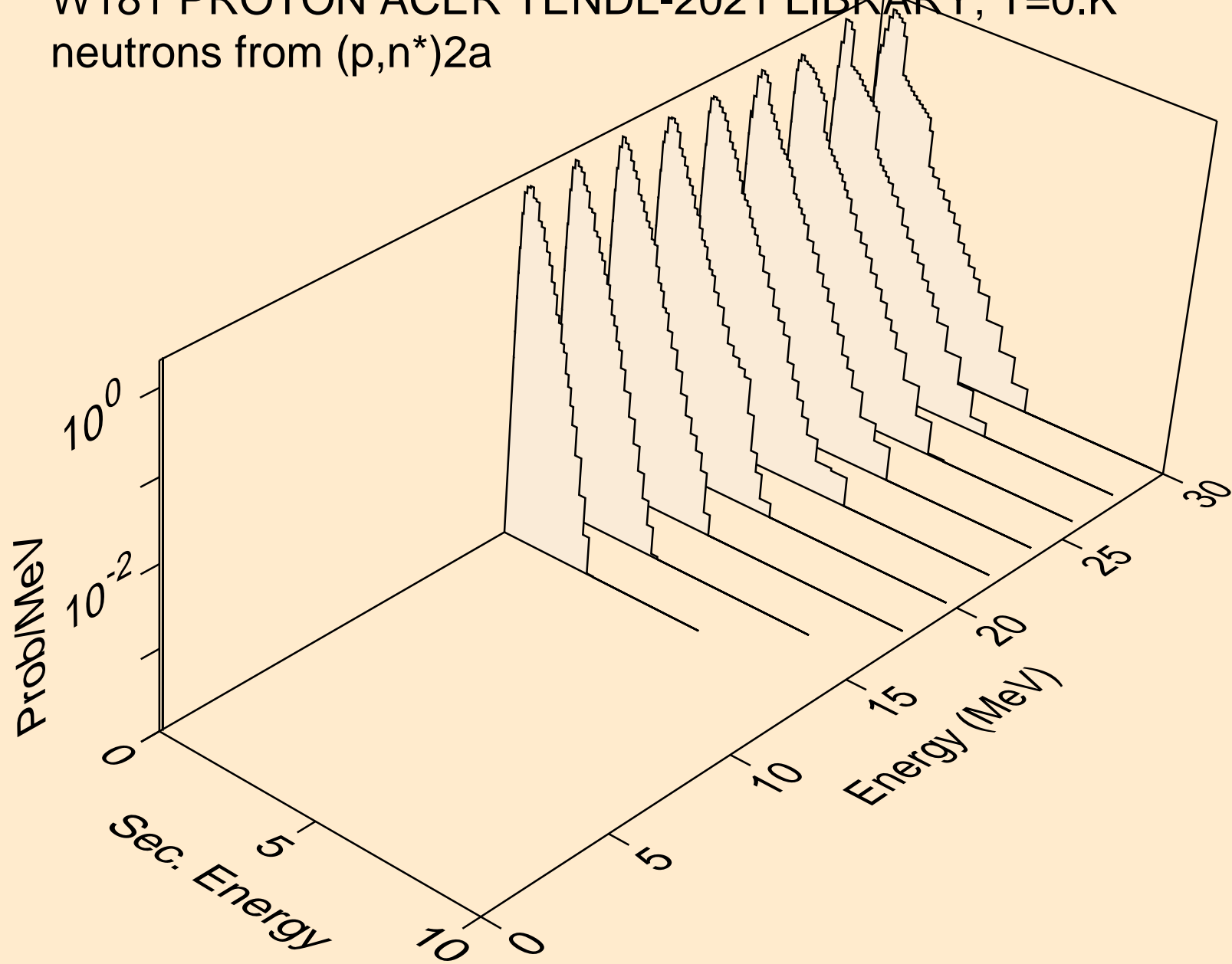
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



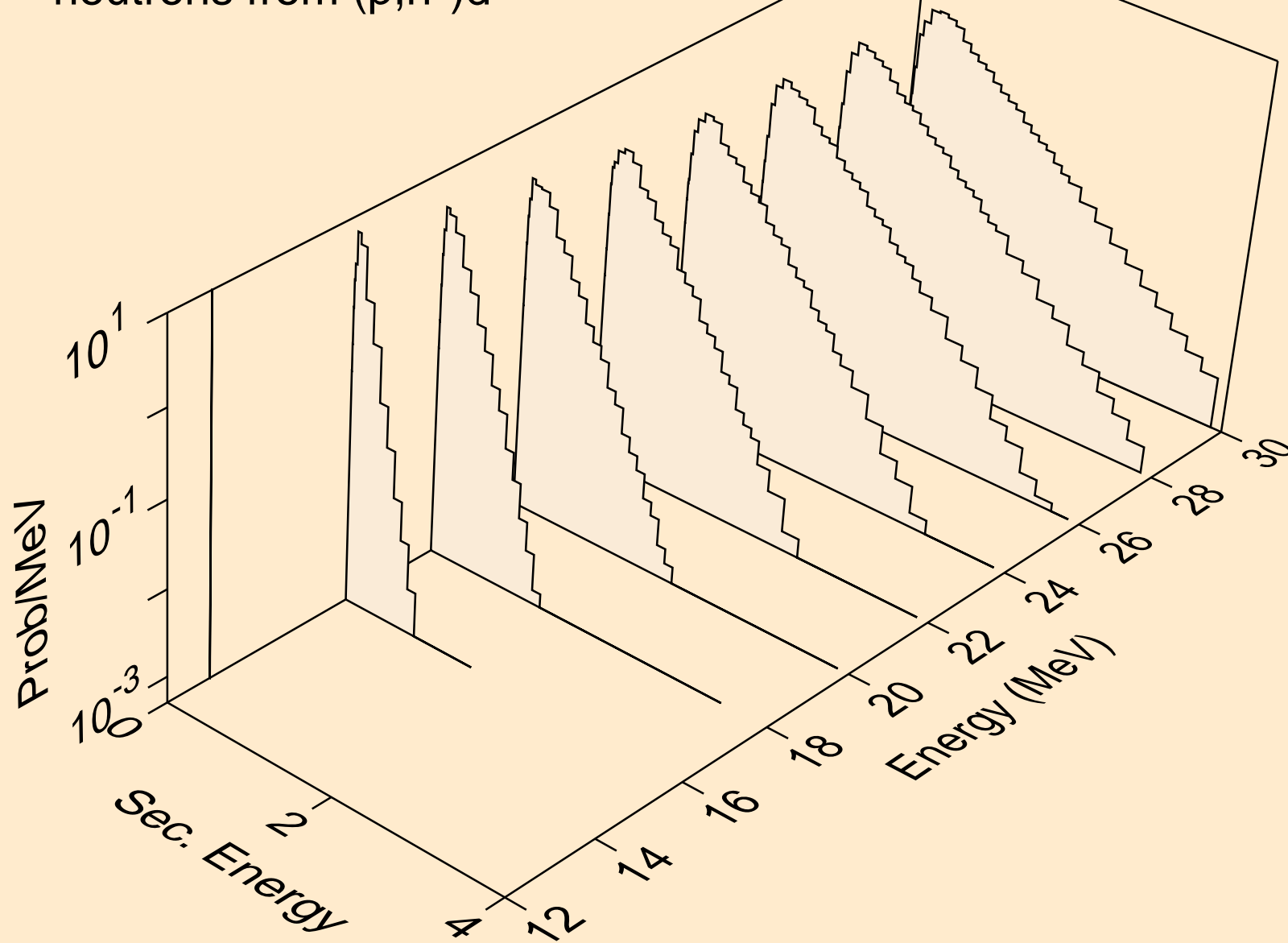
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

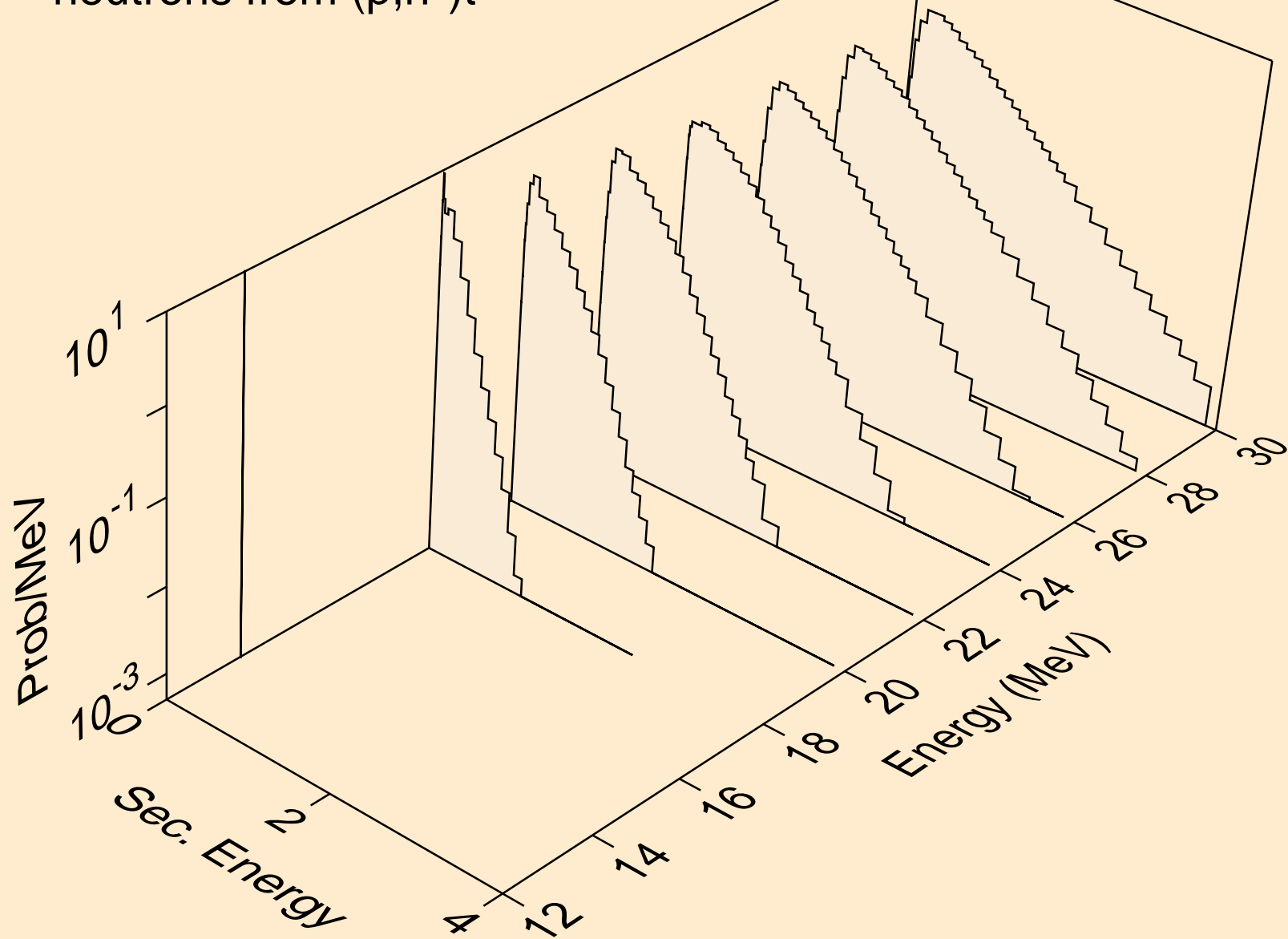


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

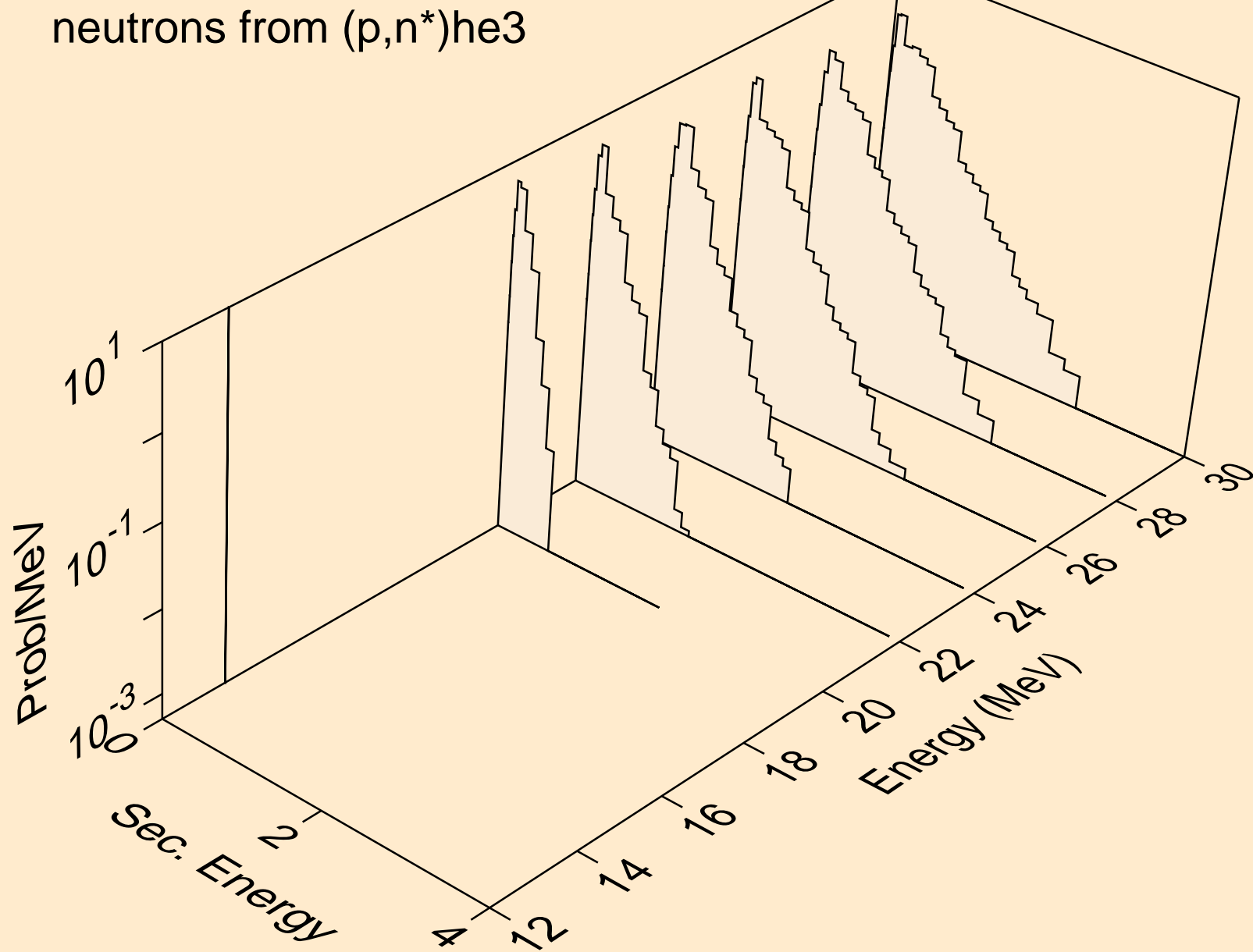




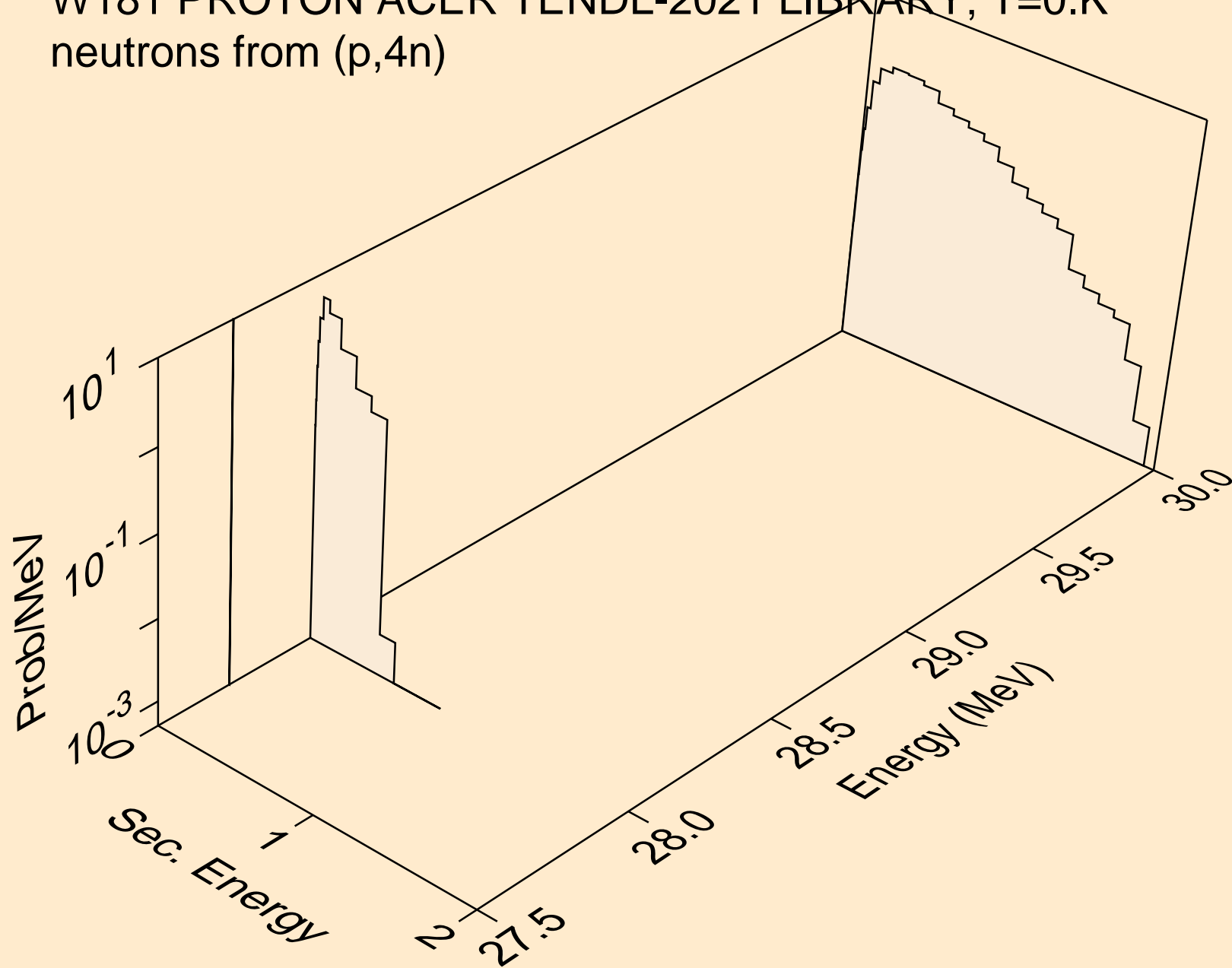
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



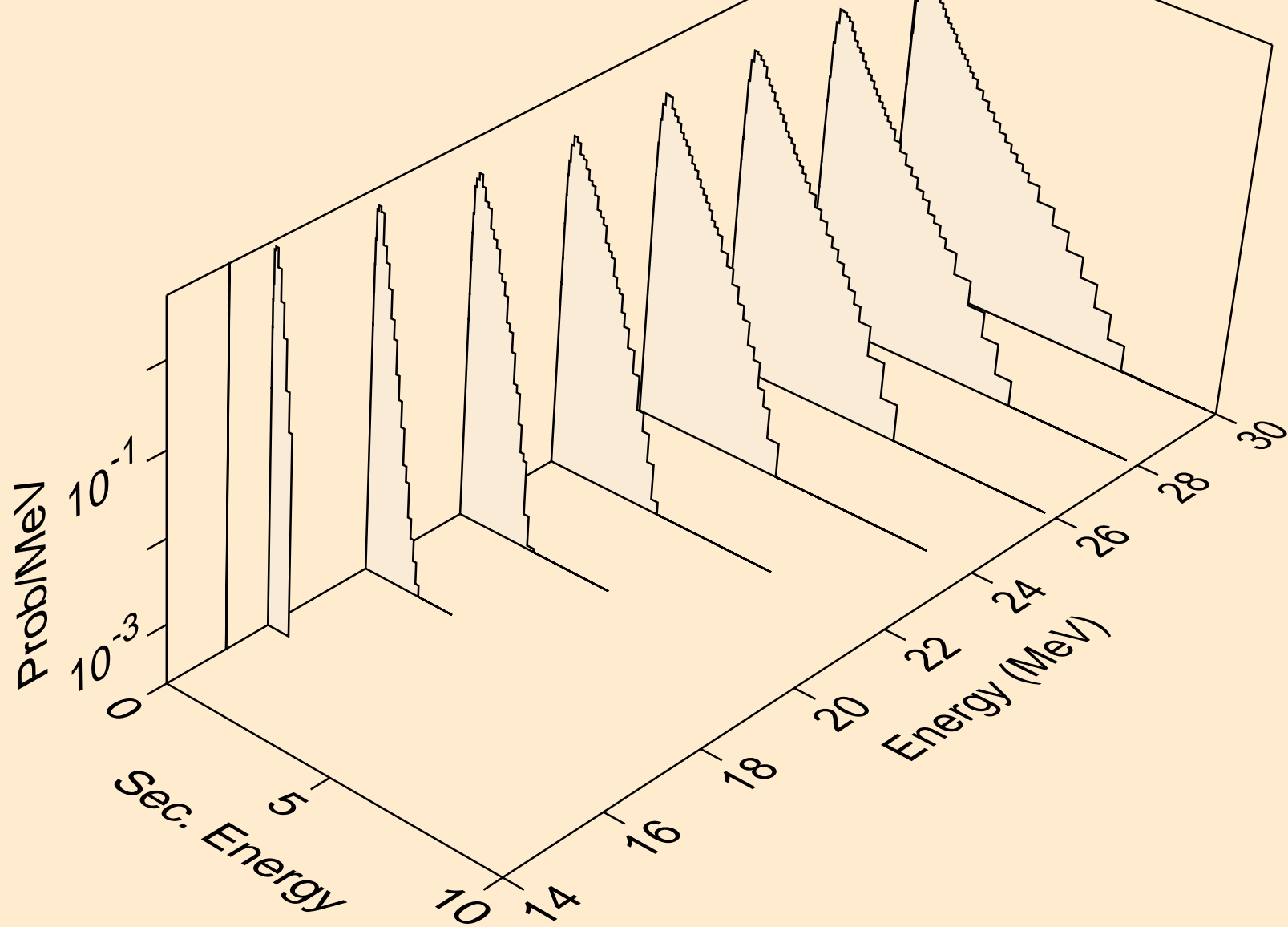
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



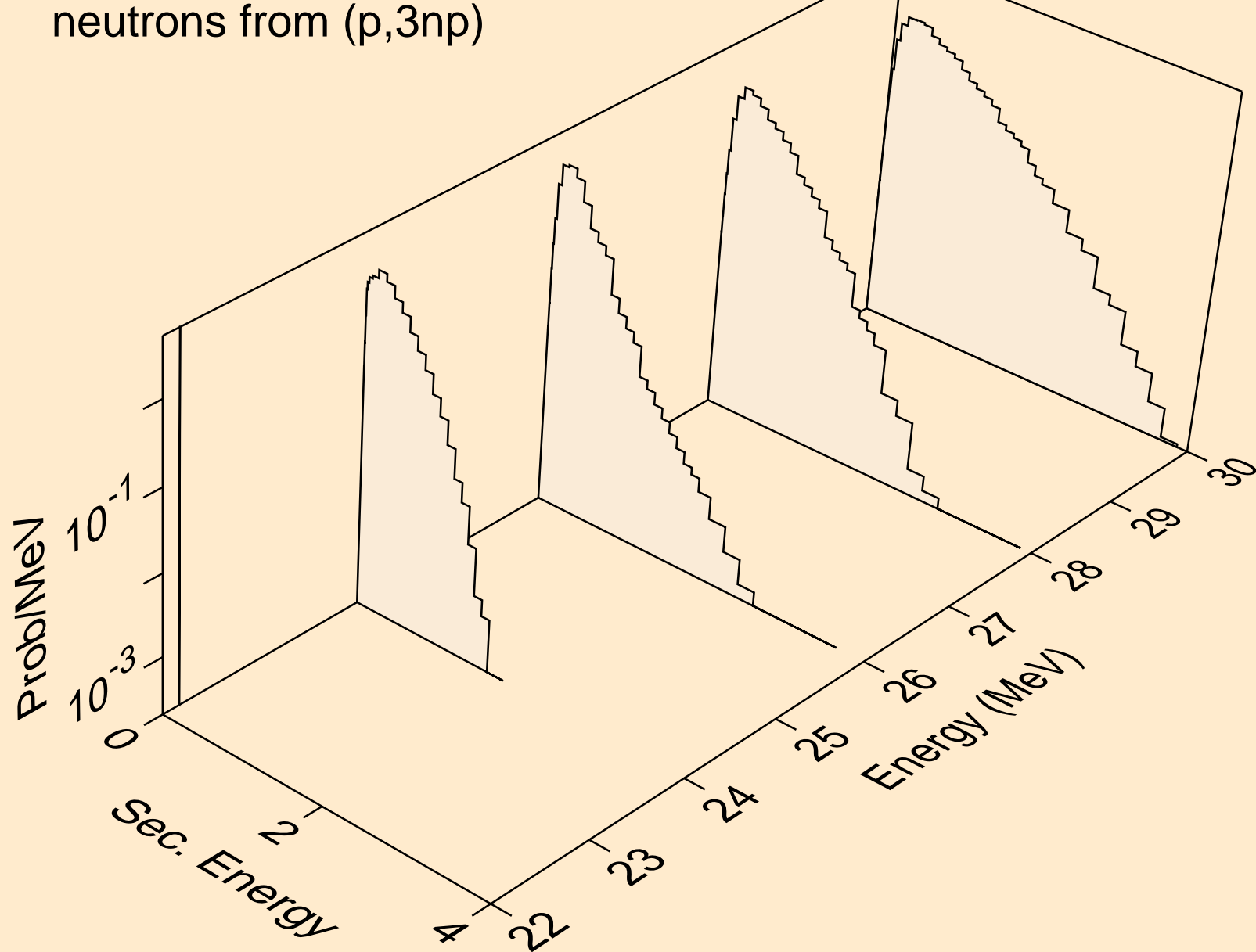
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



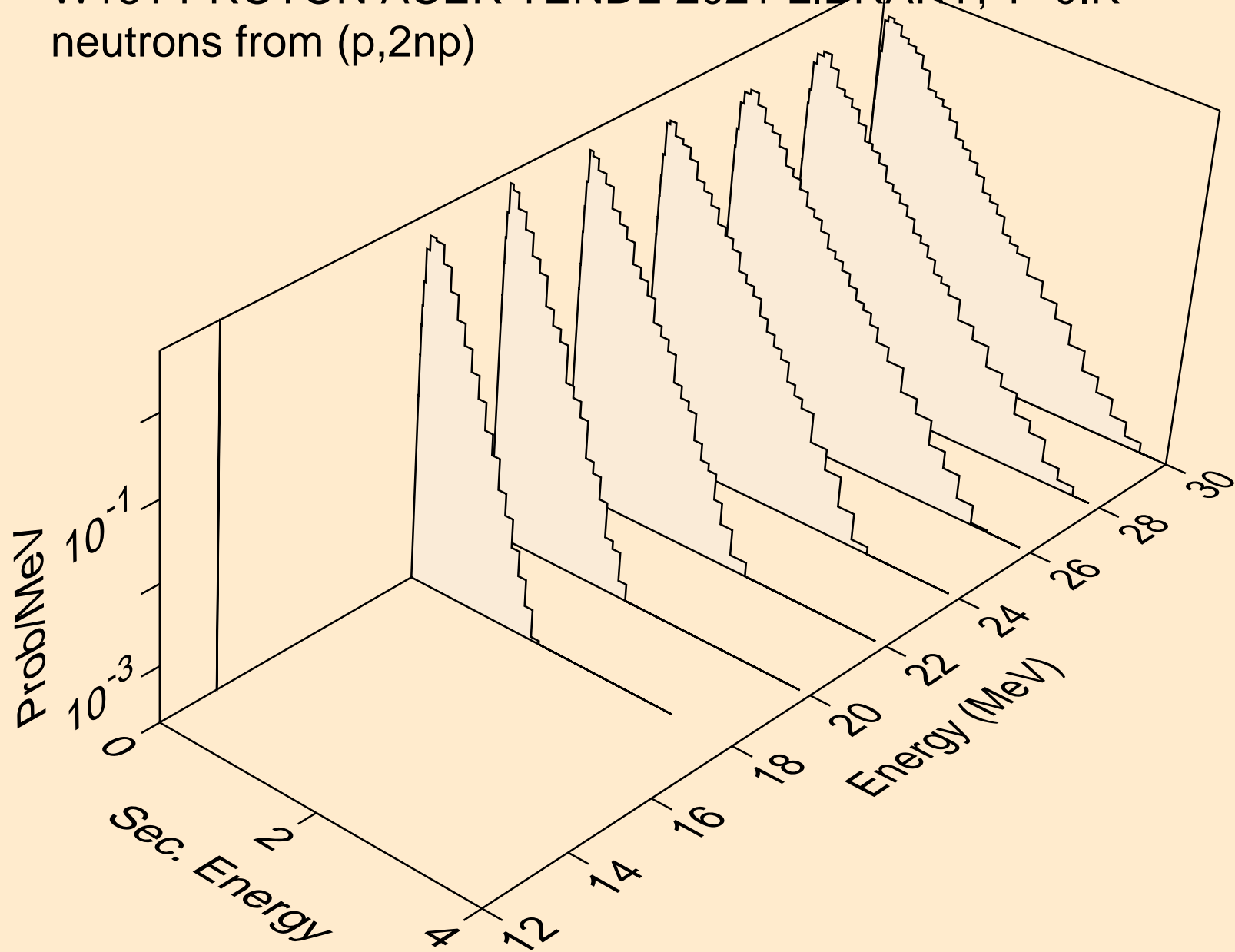
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



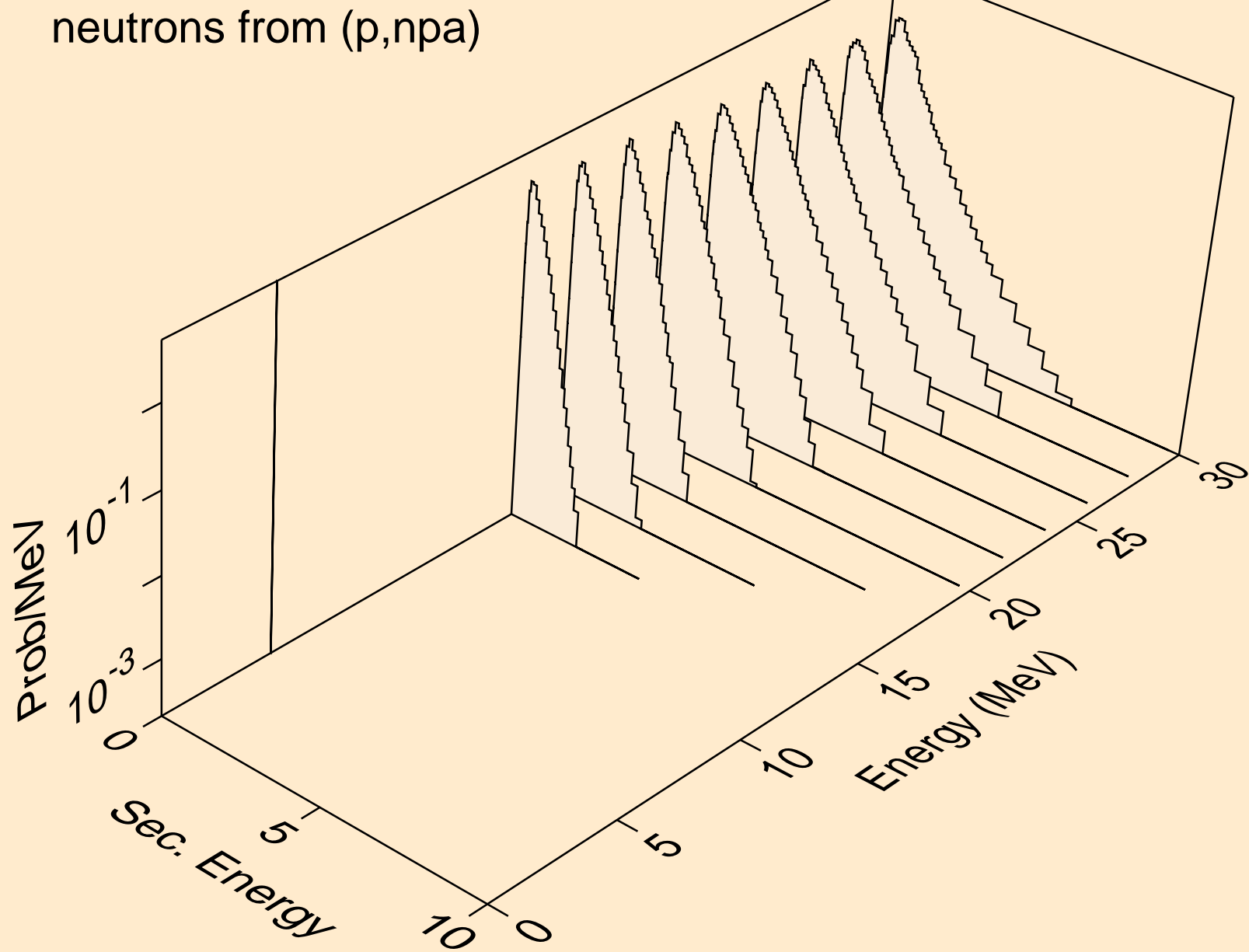
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



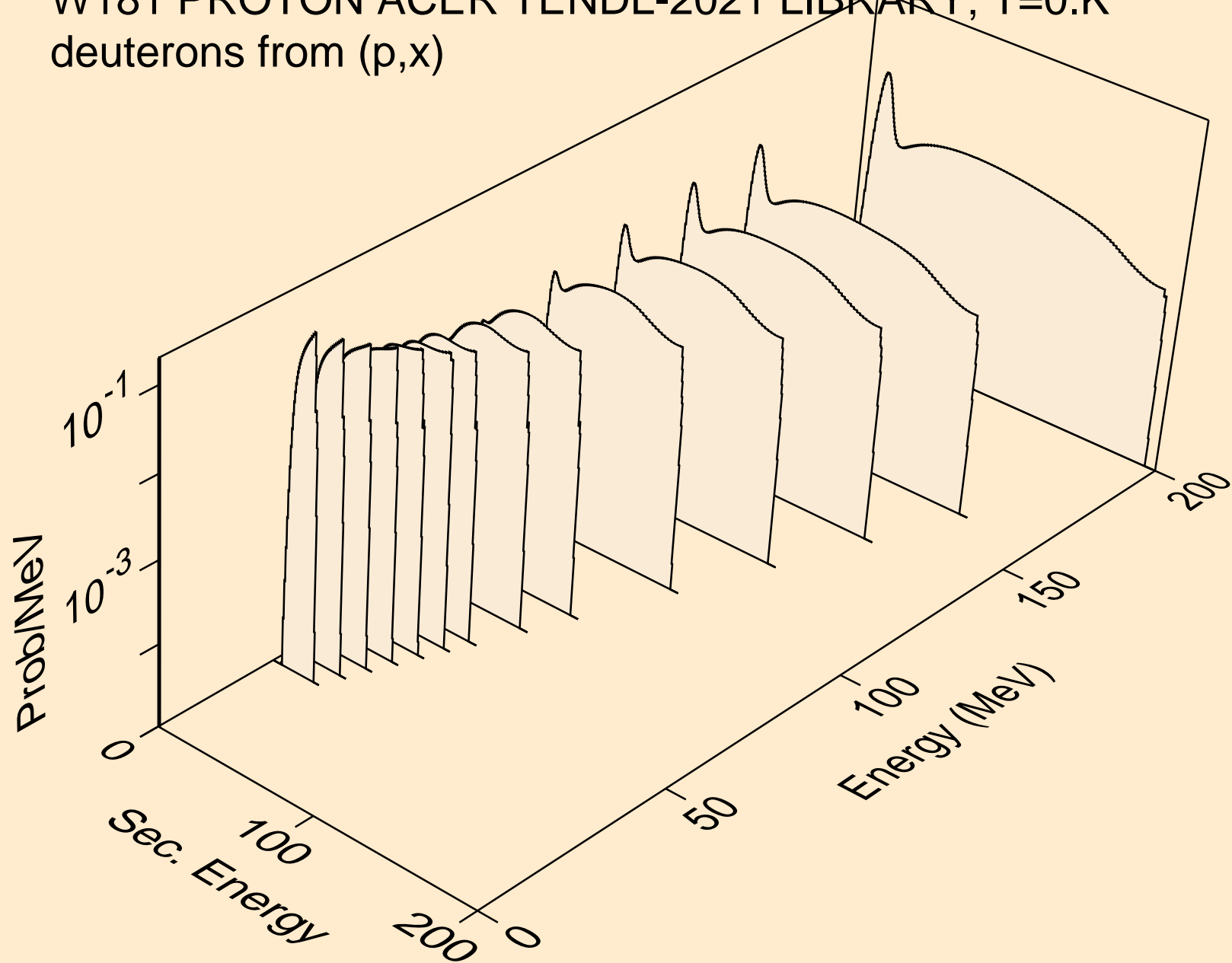
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)

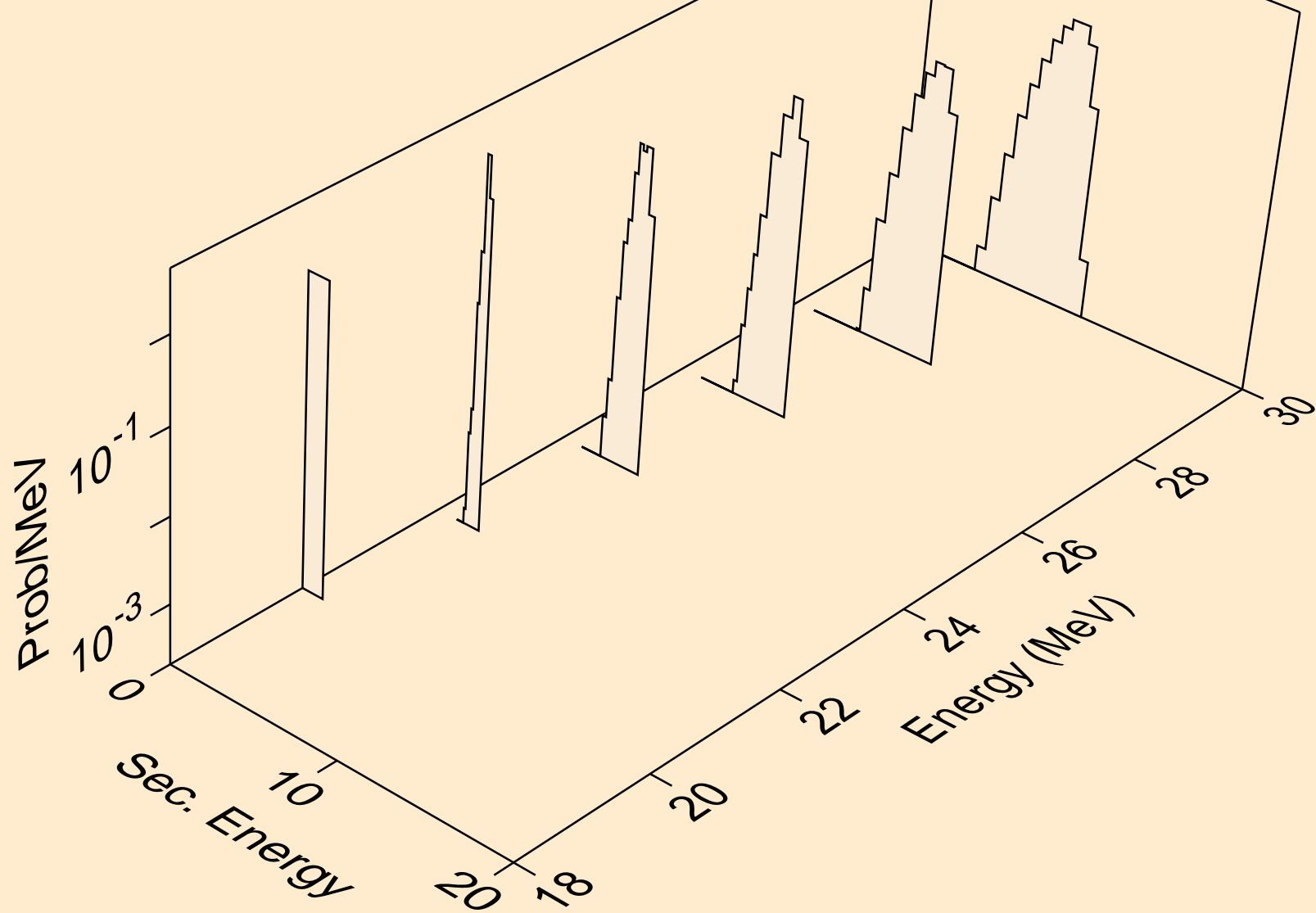


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

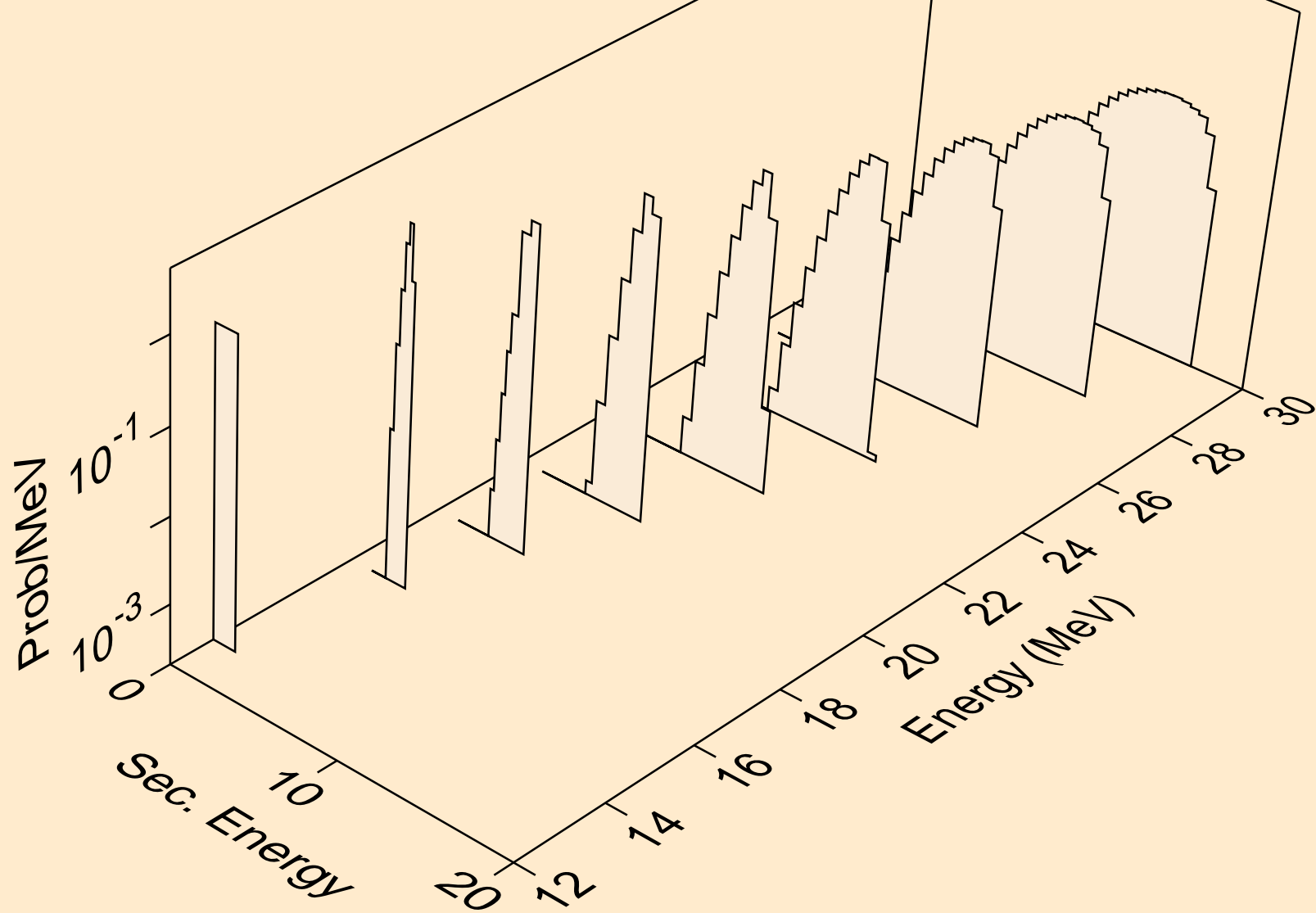




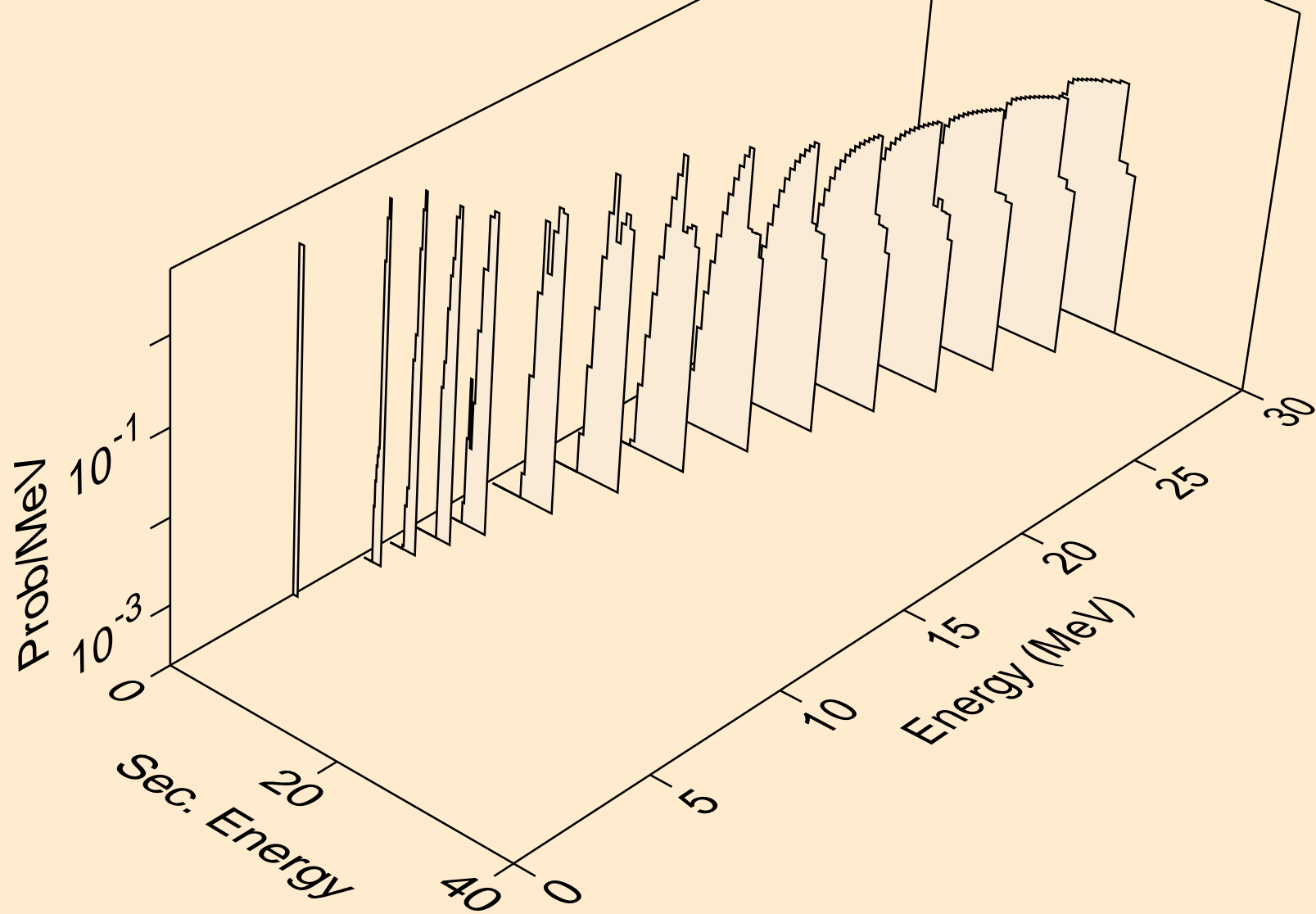
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



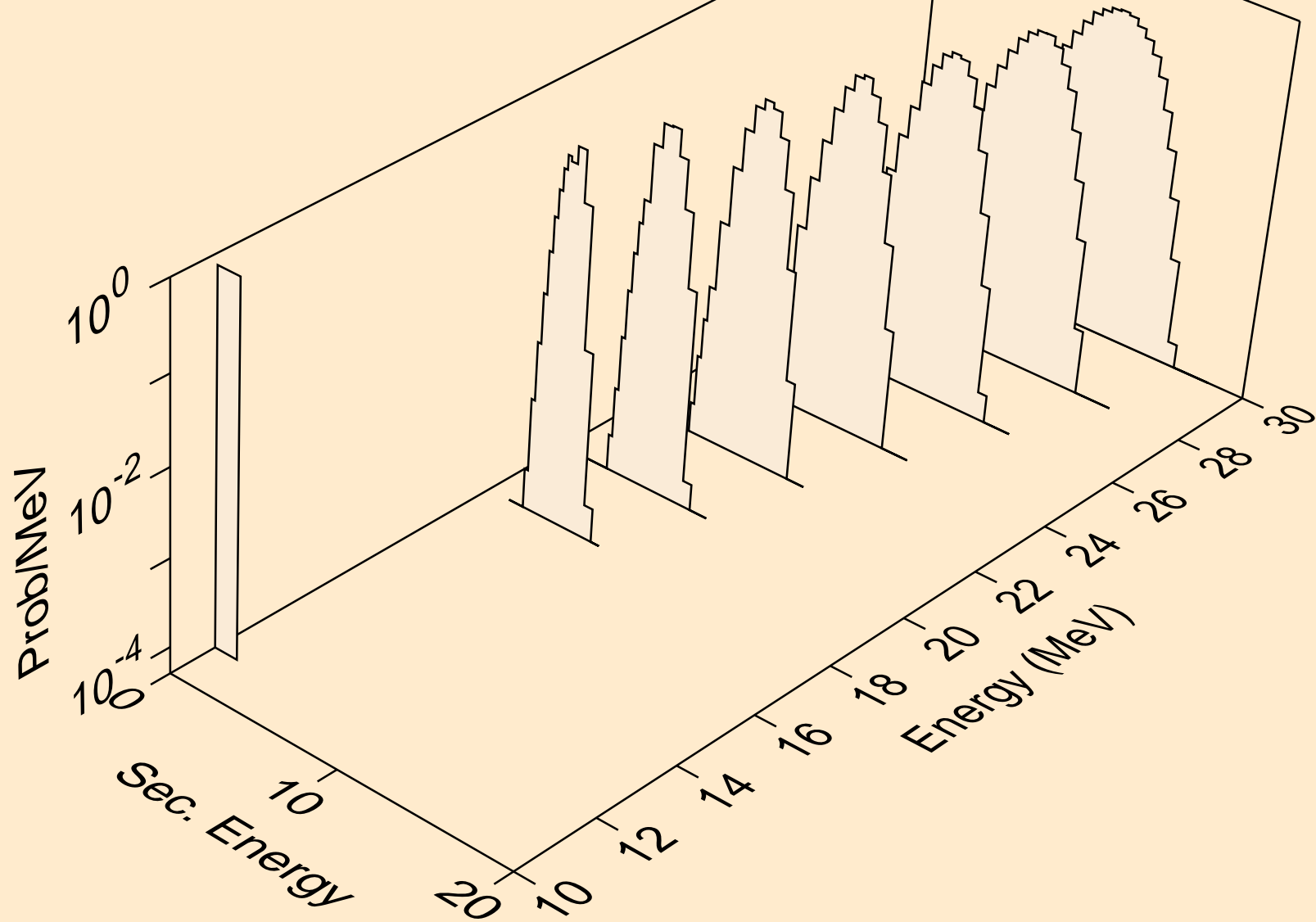
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



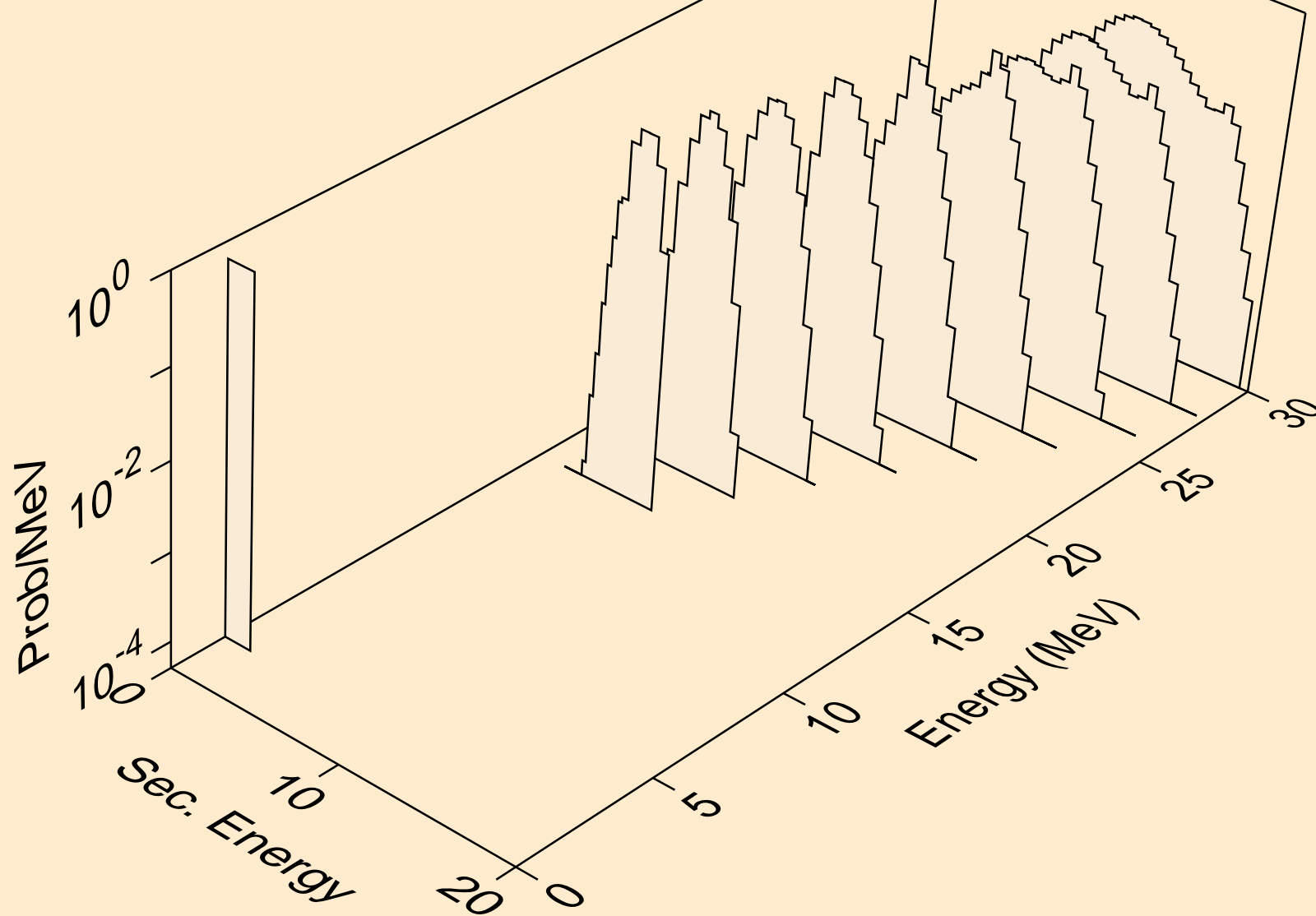
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



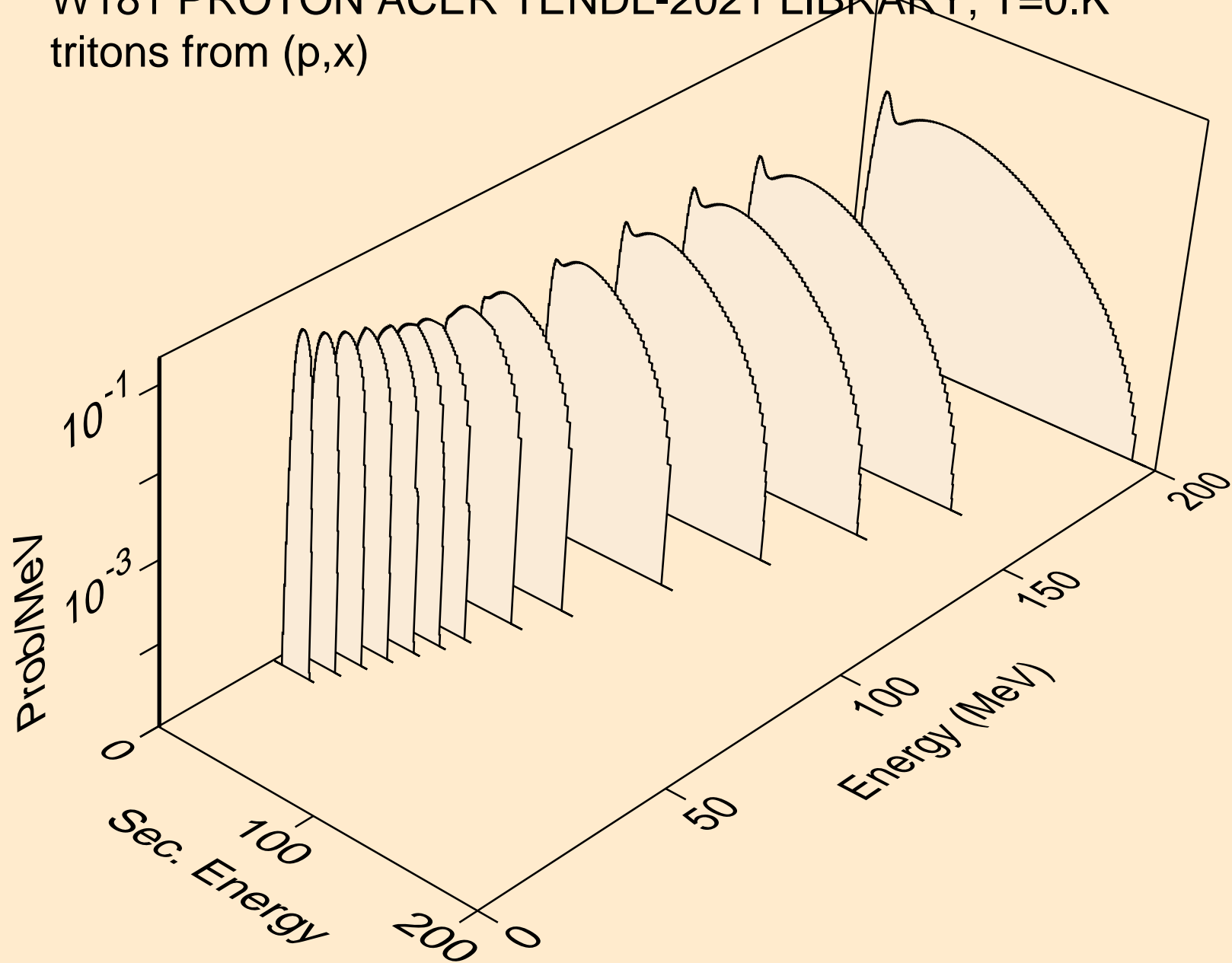
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



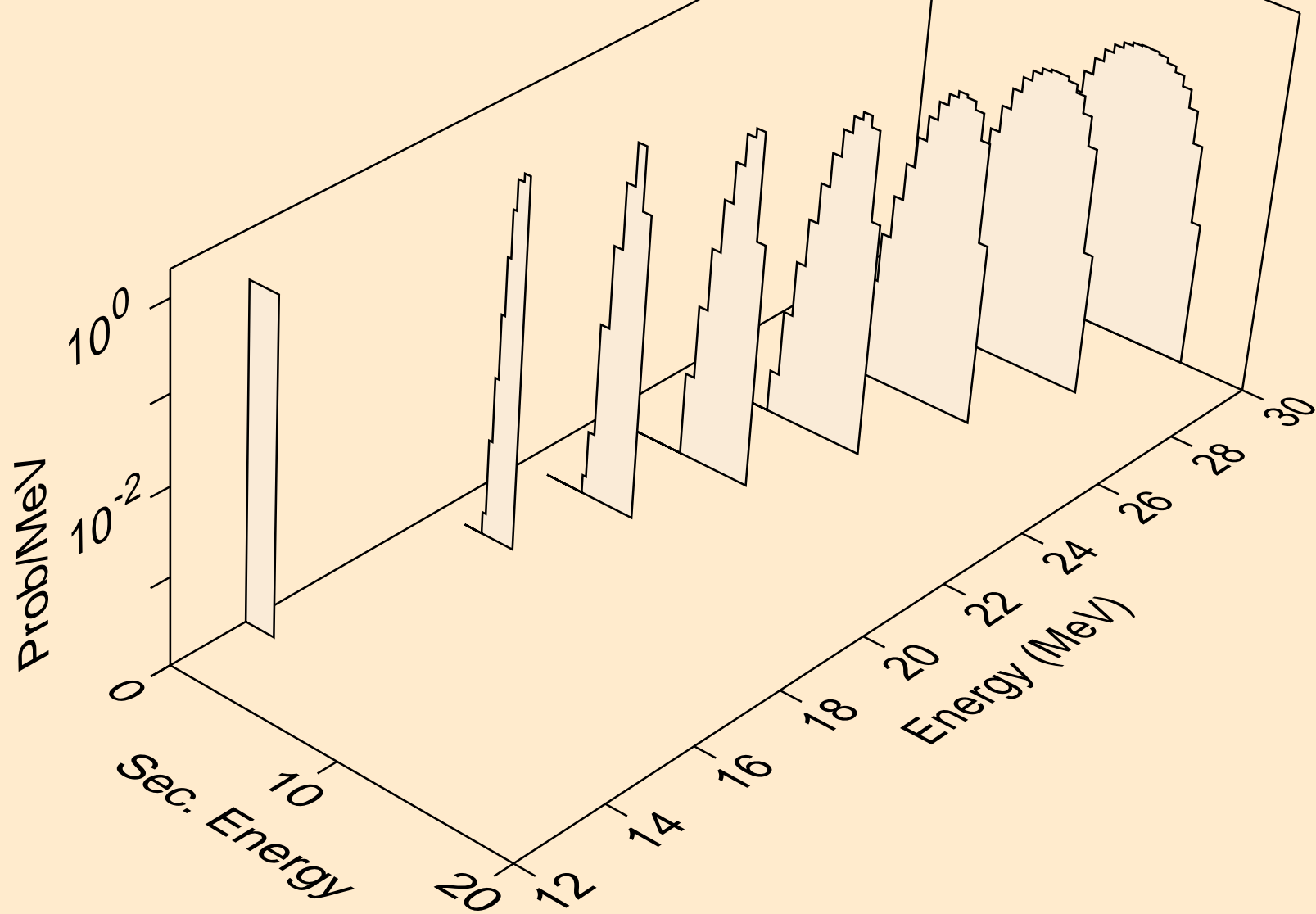
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



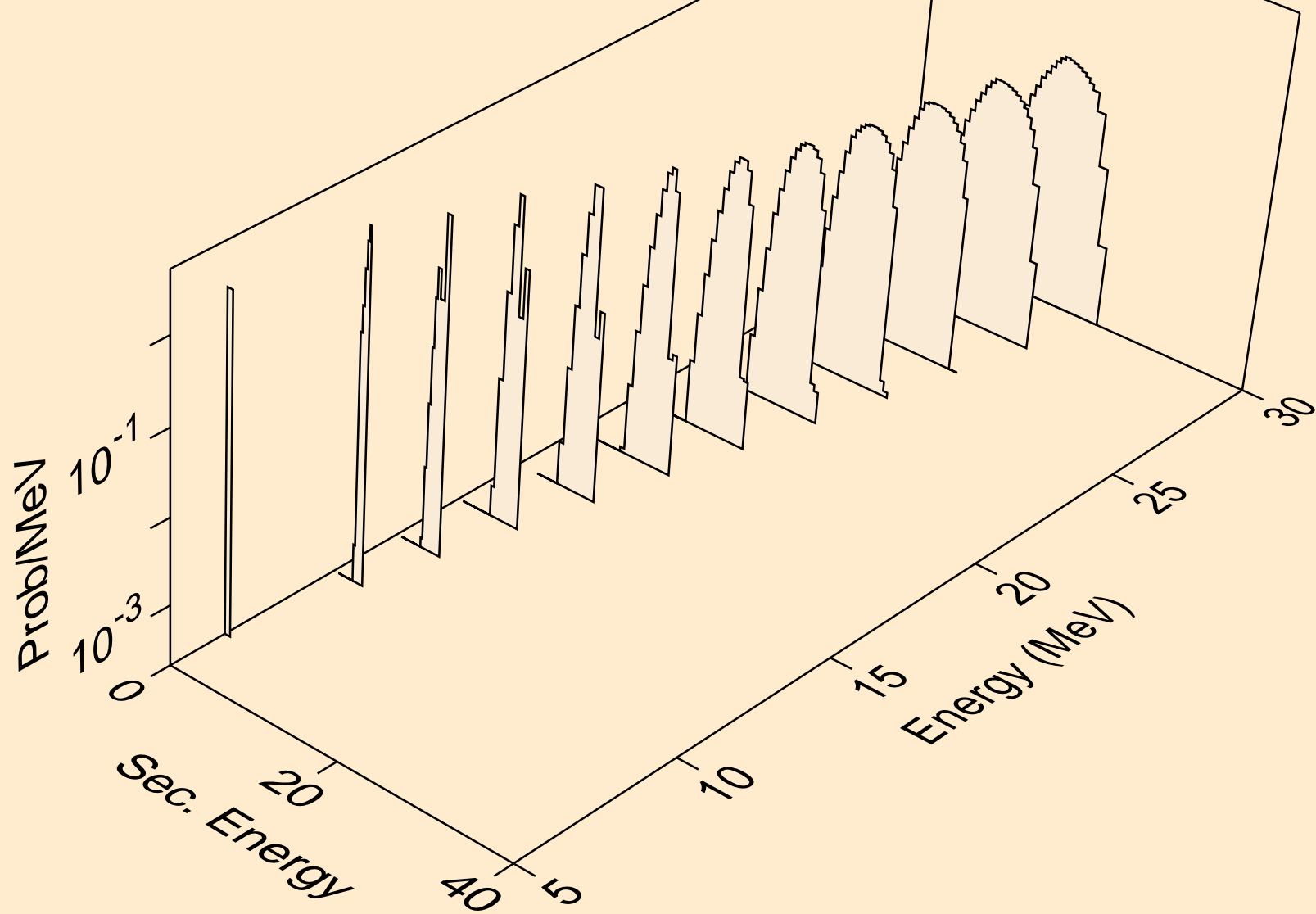
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

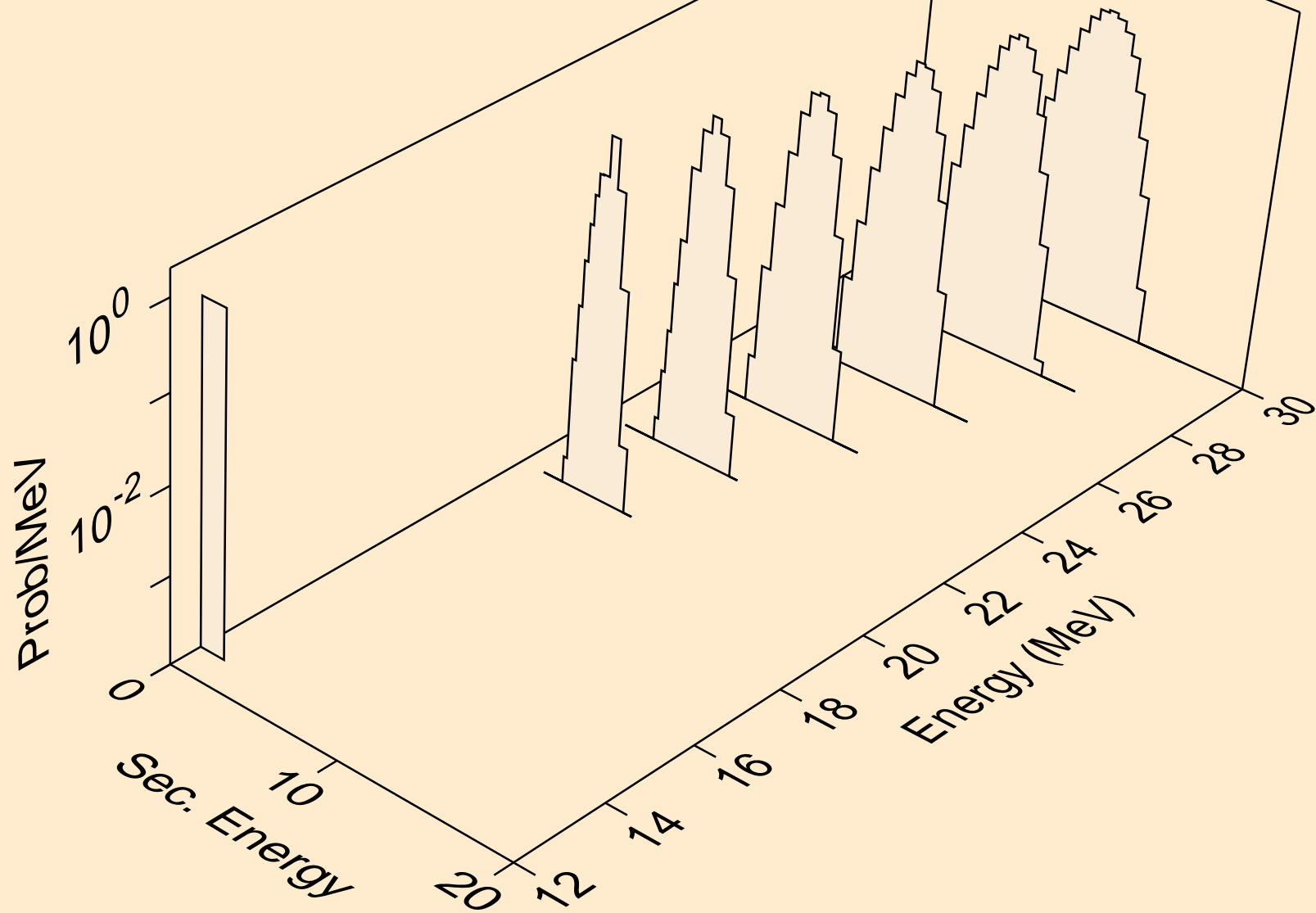


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)

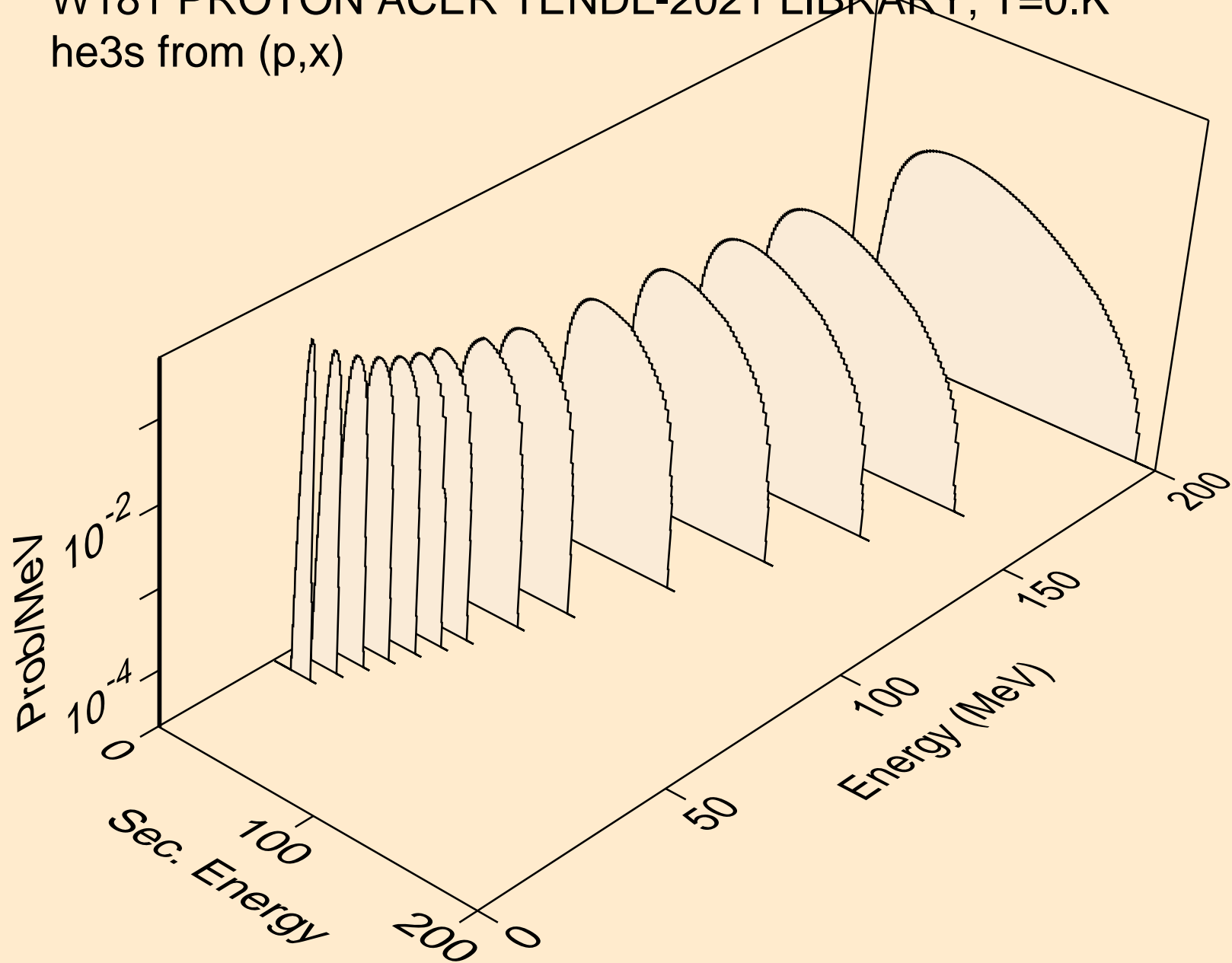




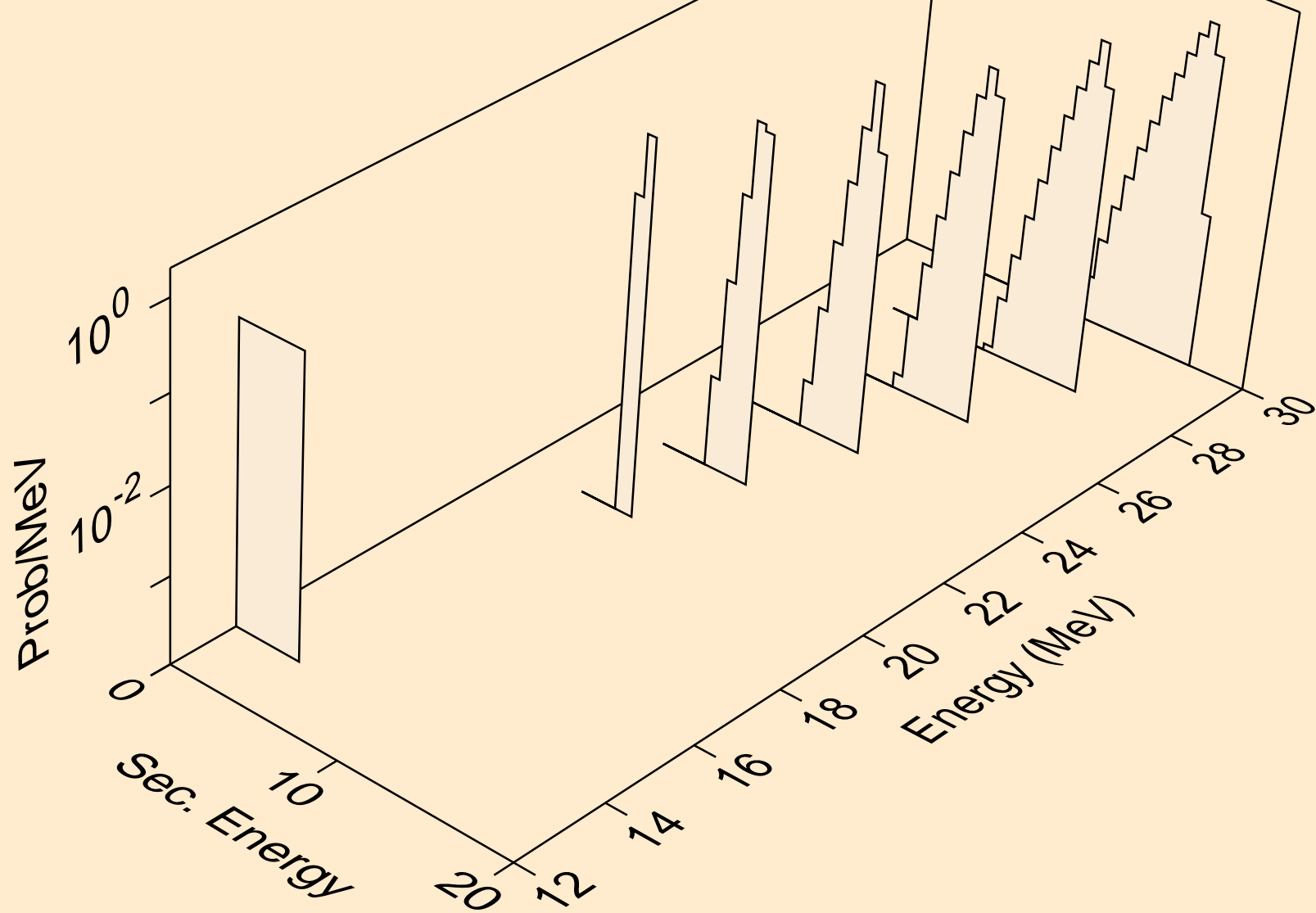
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



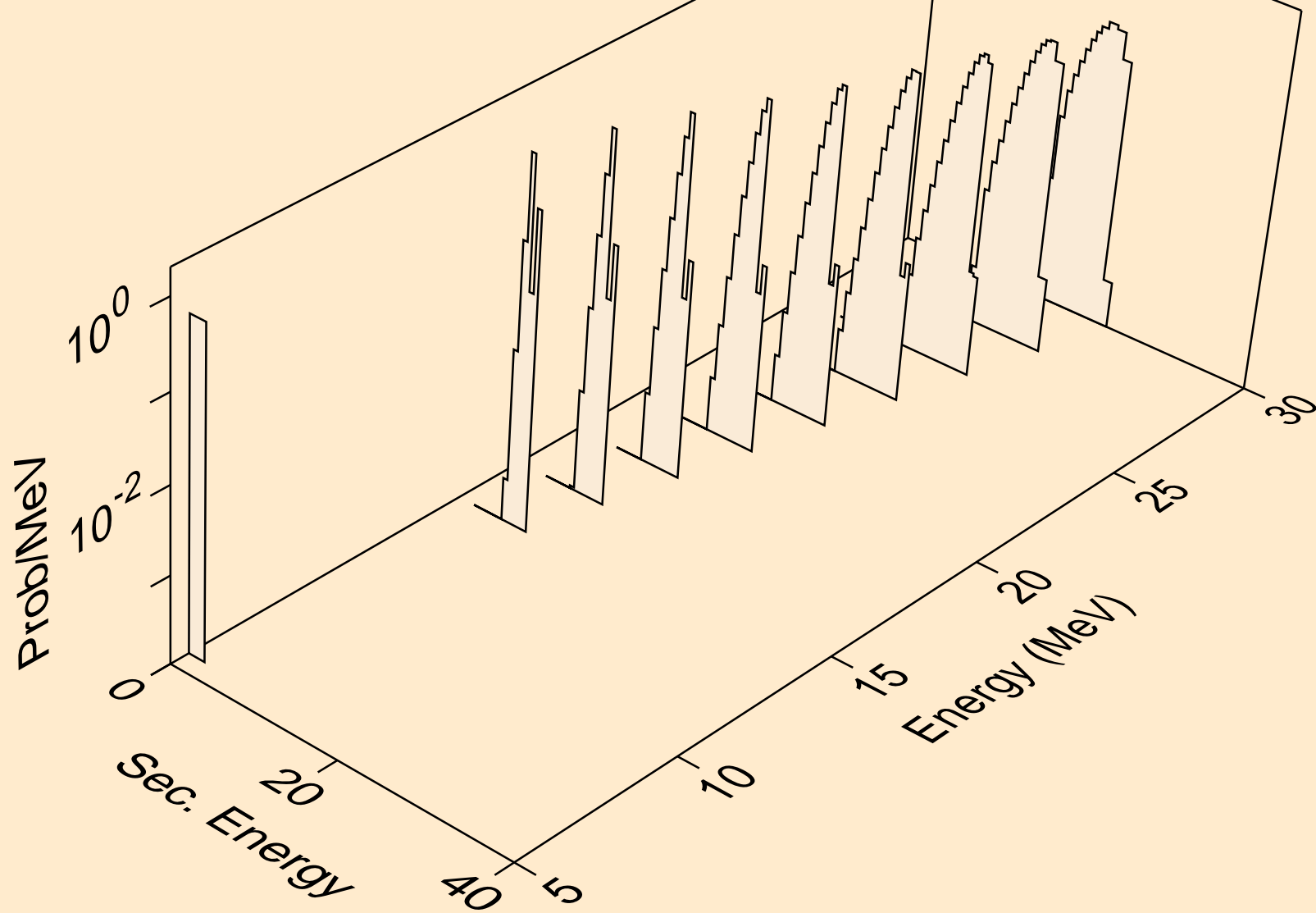
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



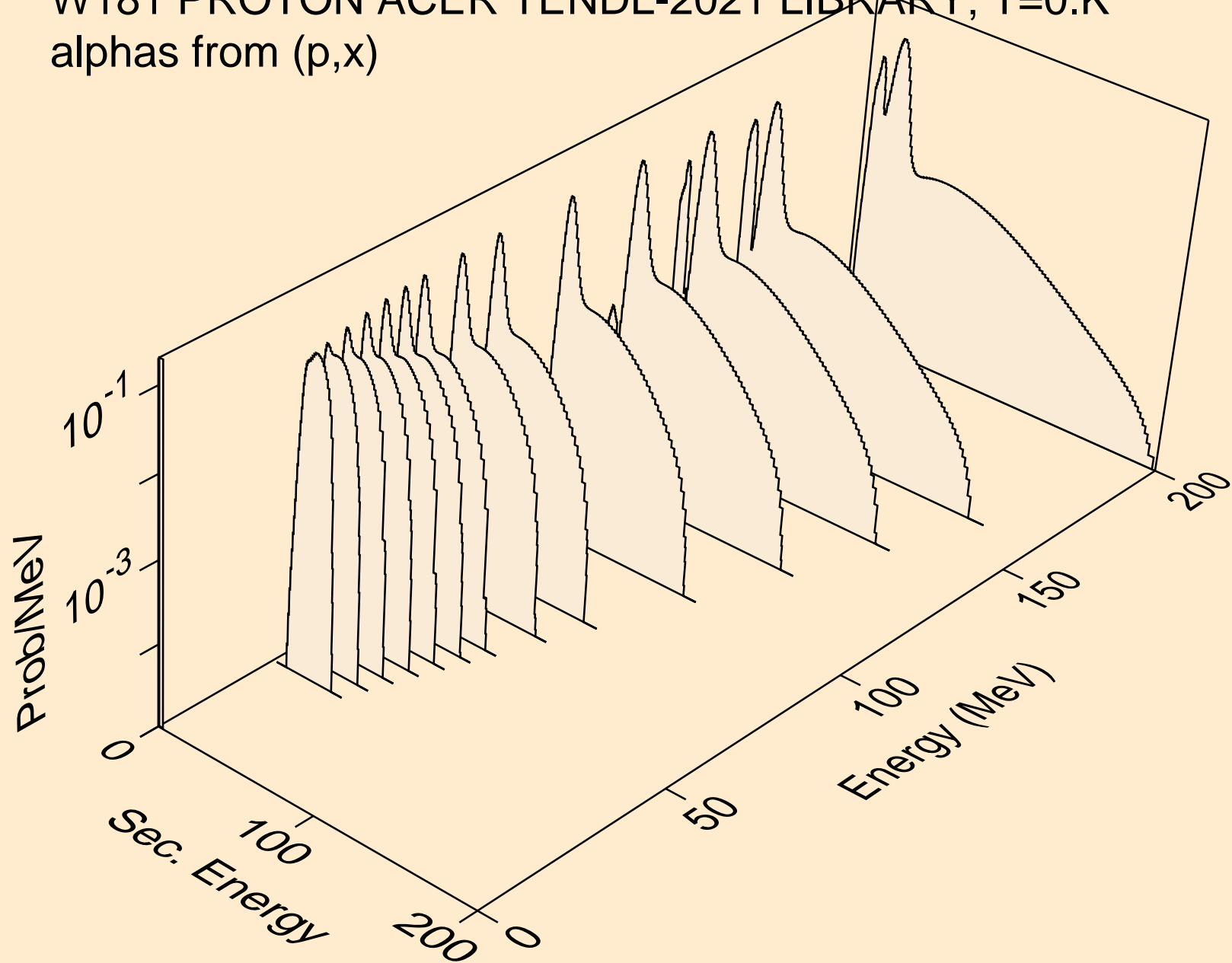
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



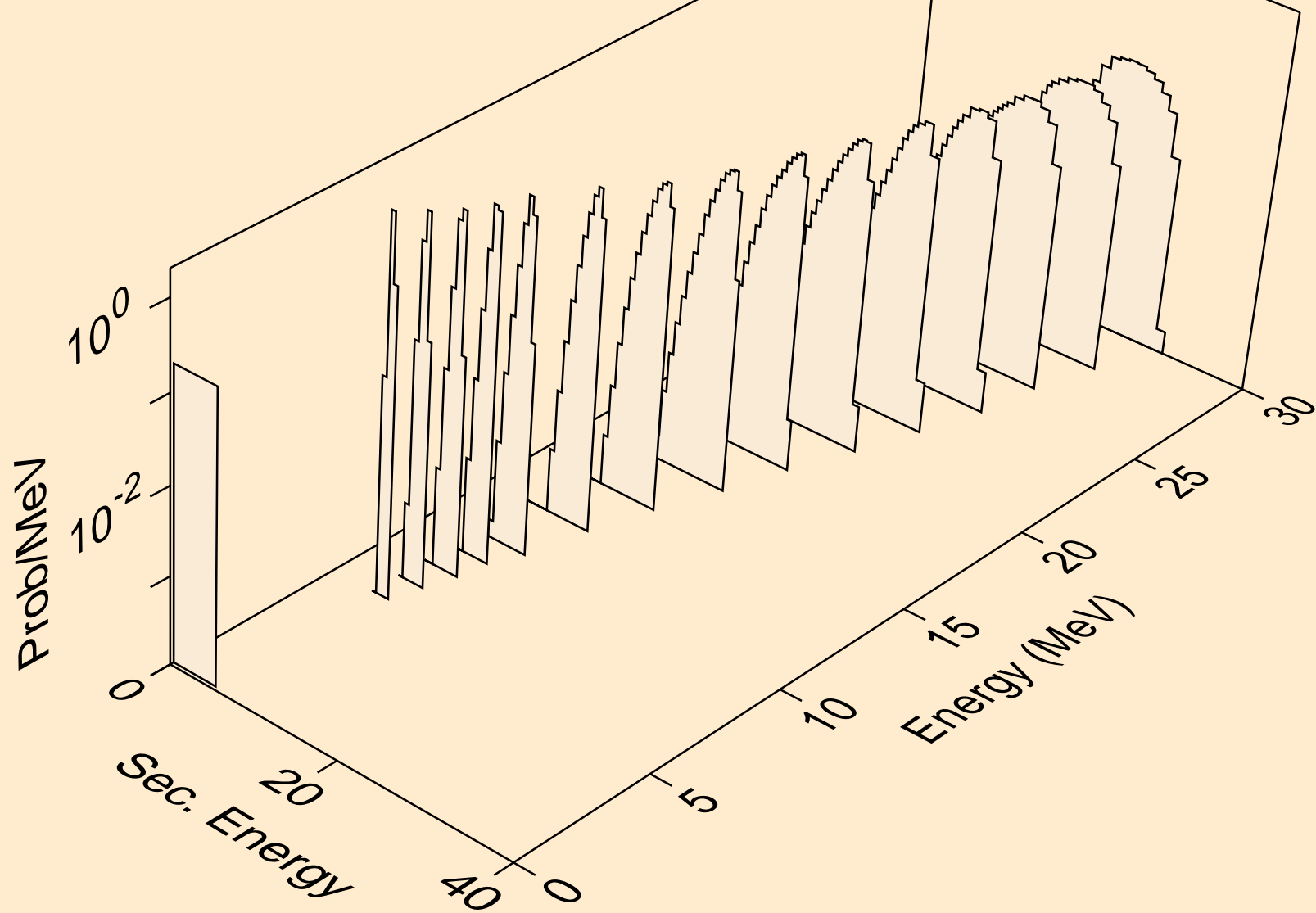
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



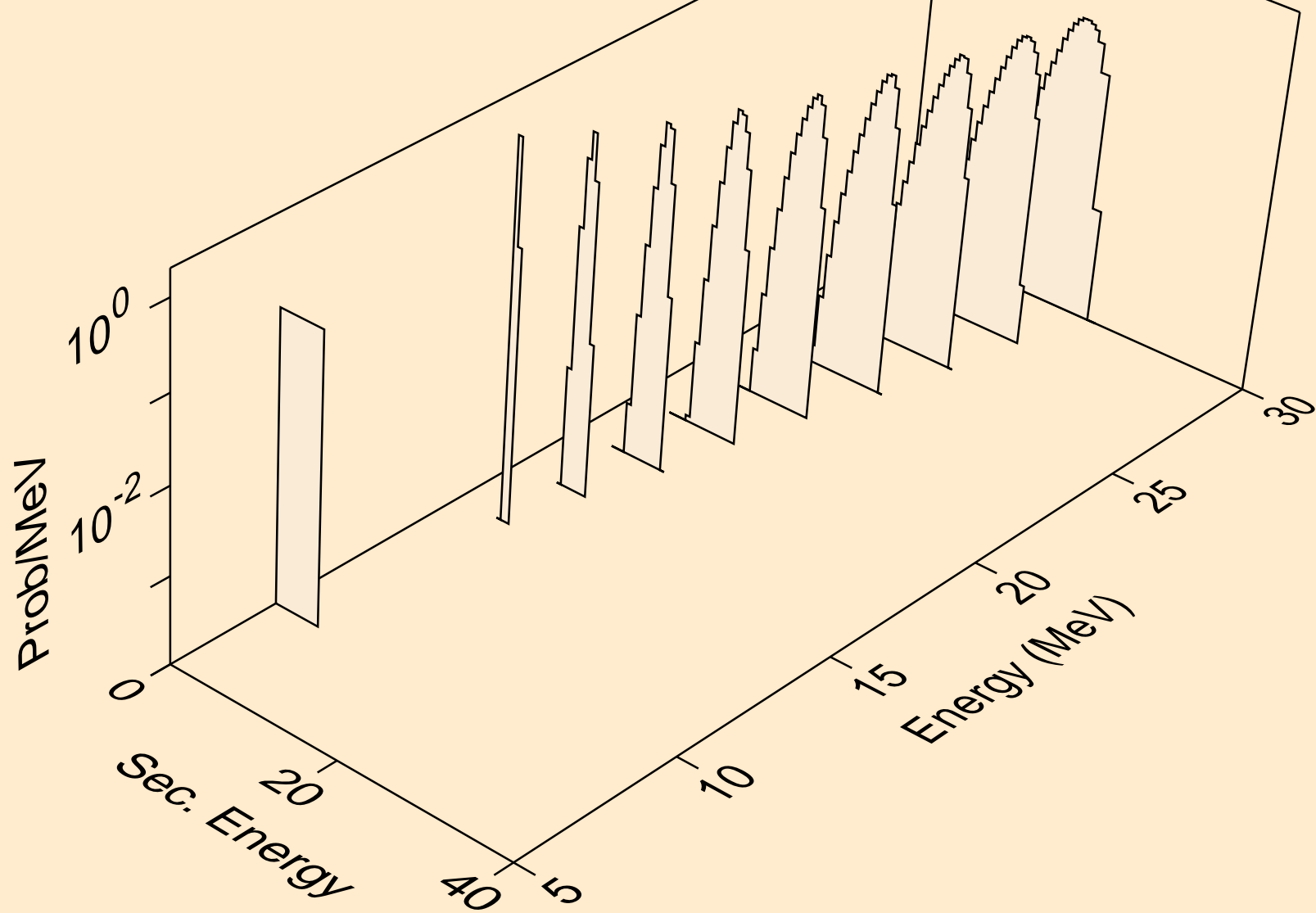
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



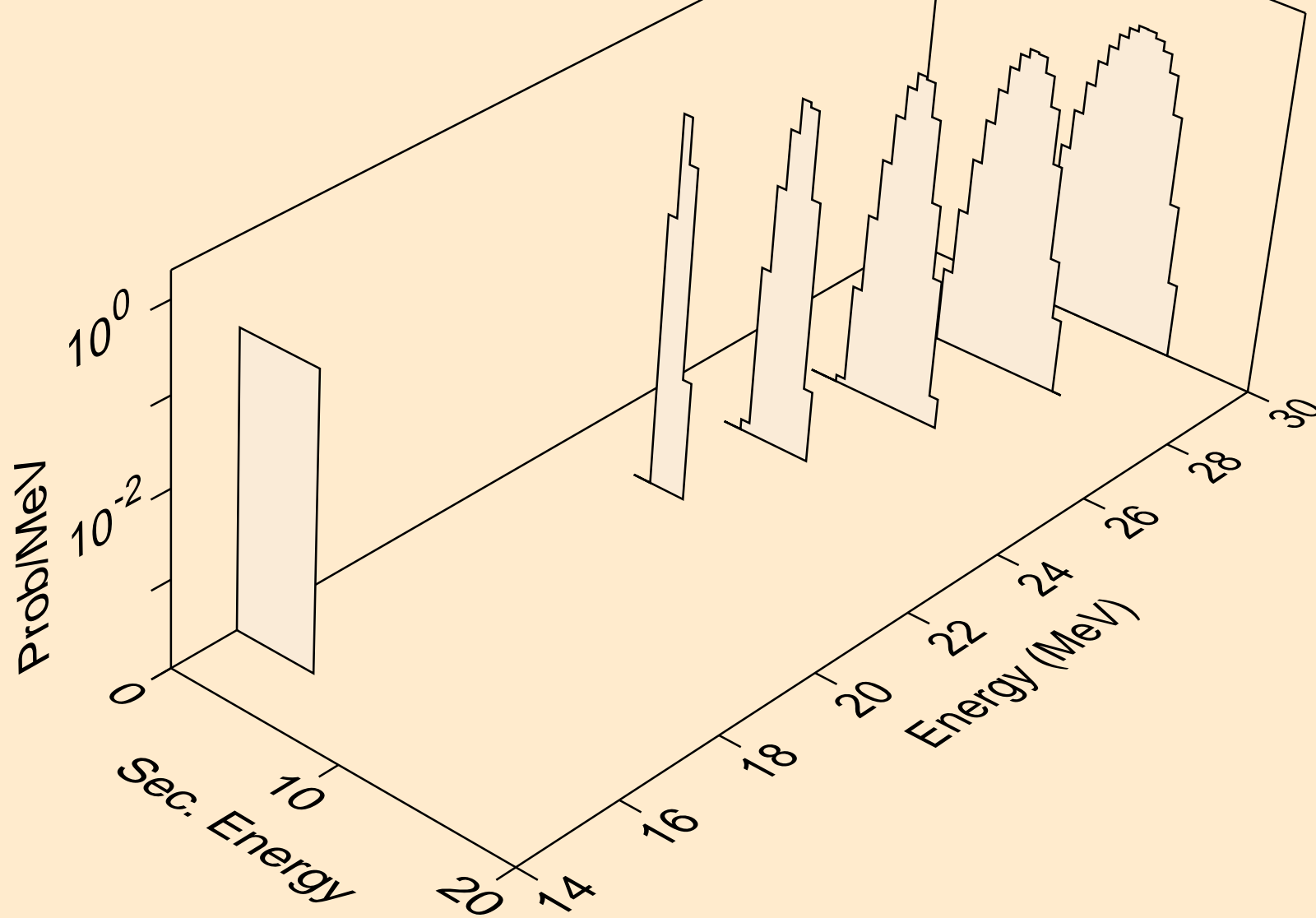
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

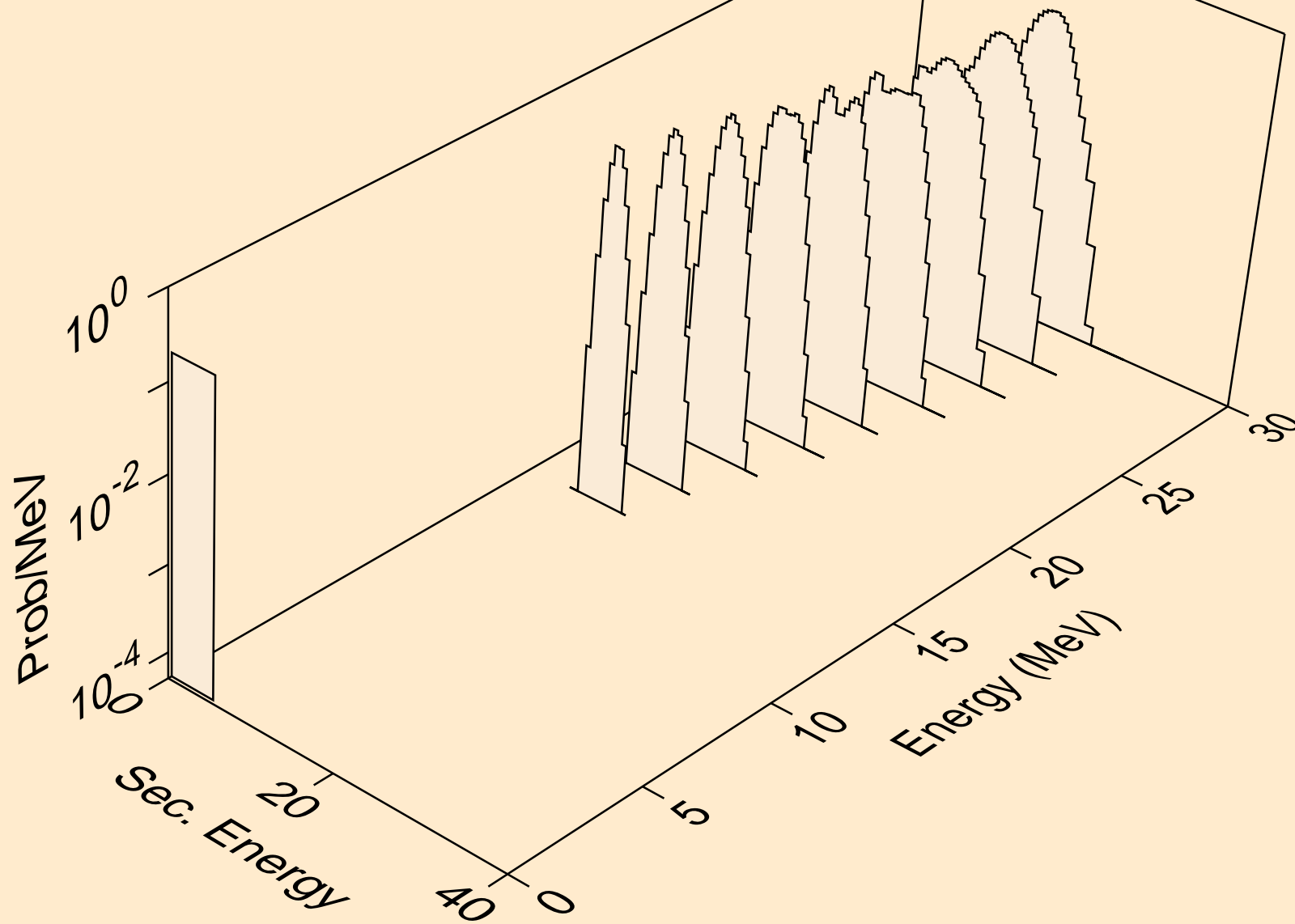


W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a

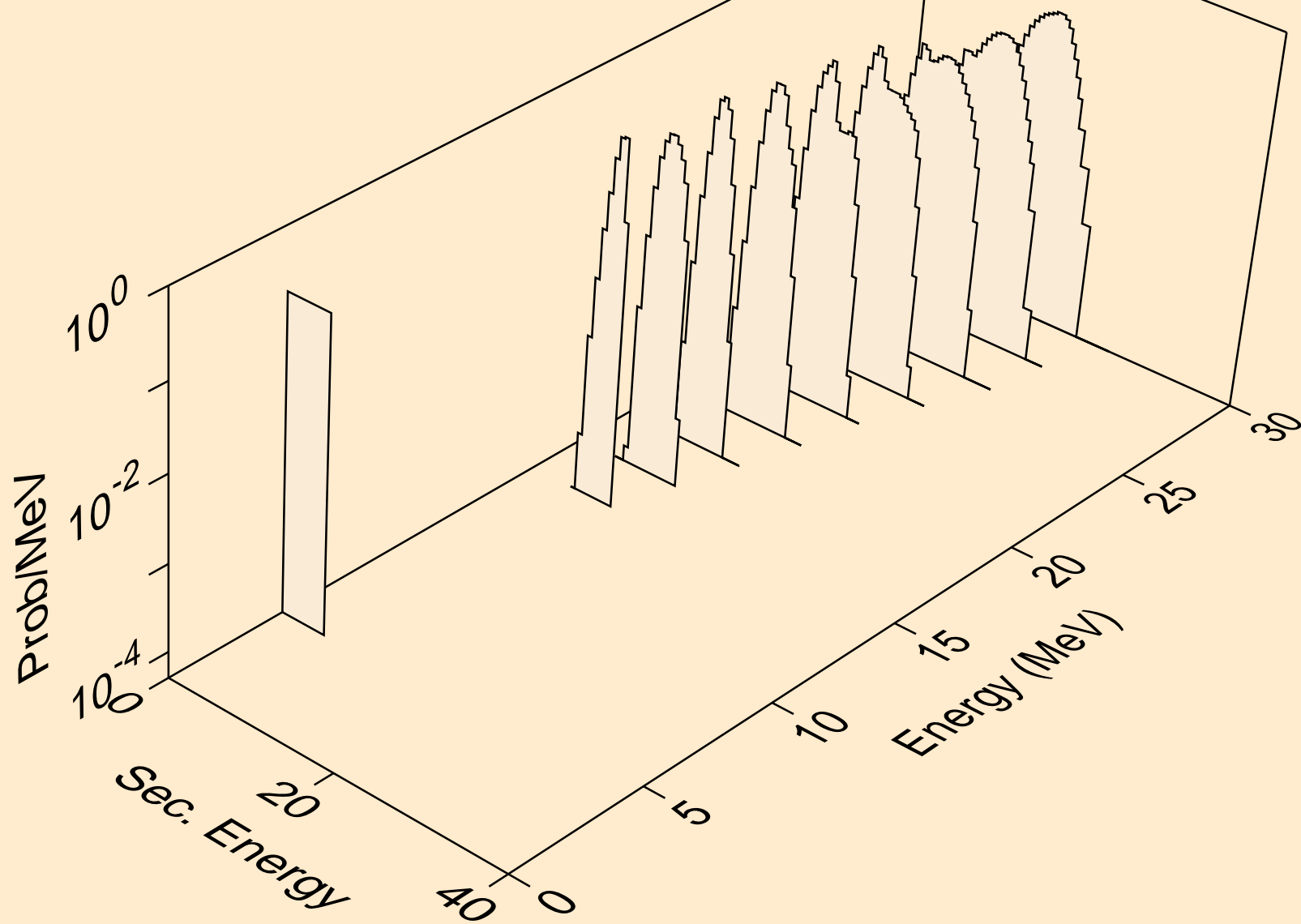




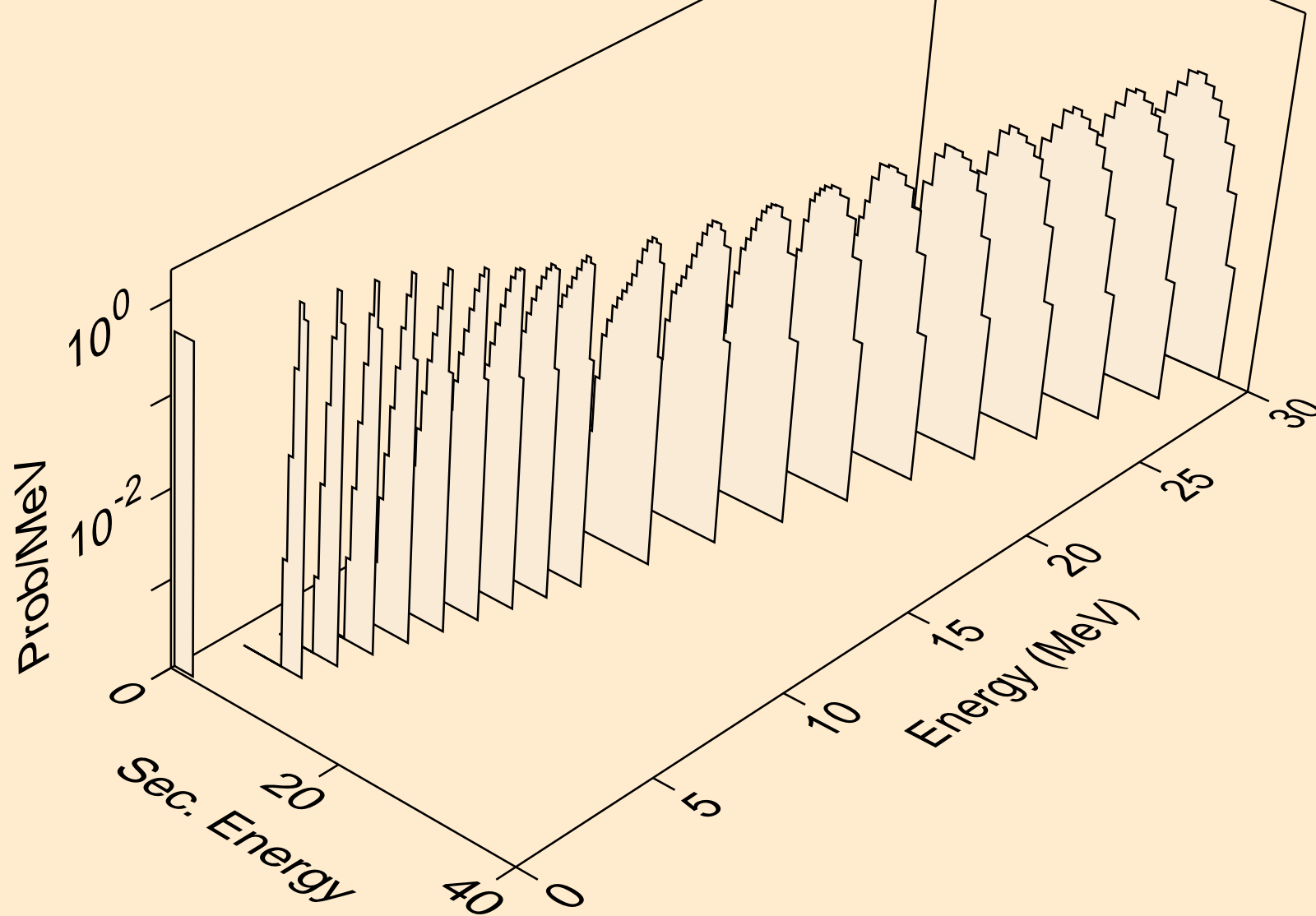
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



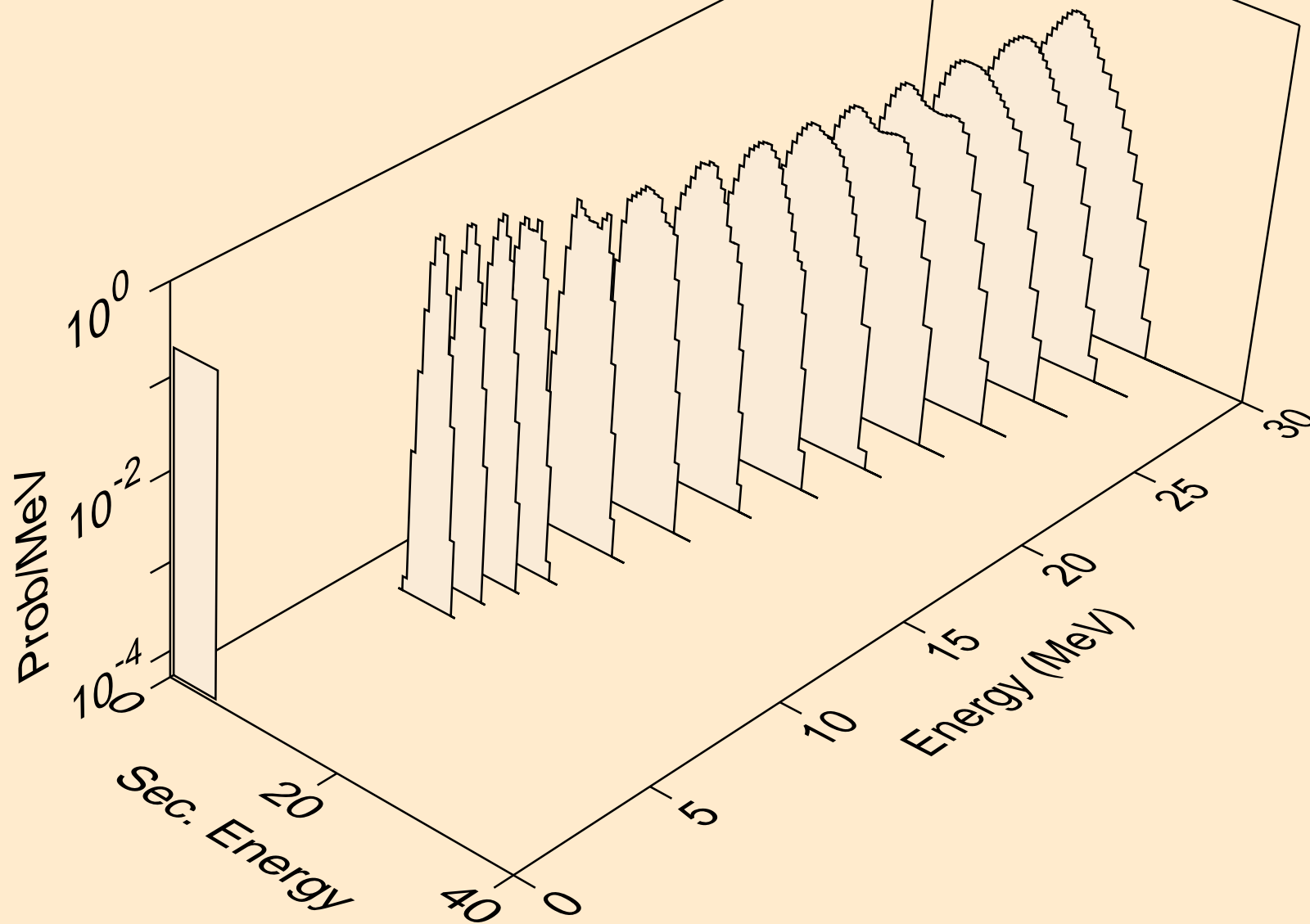
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



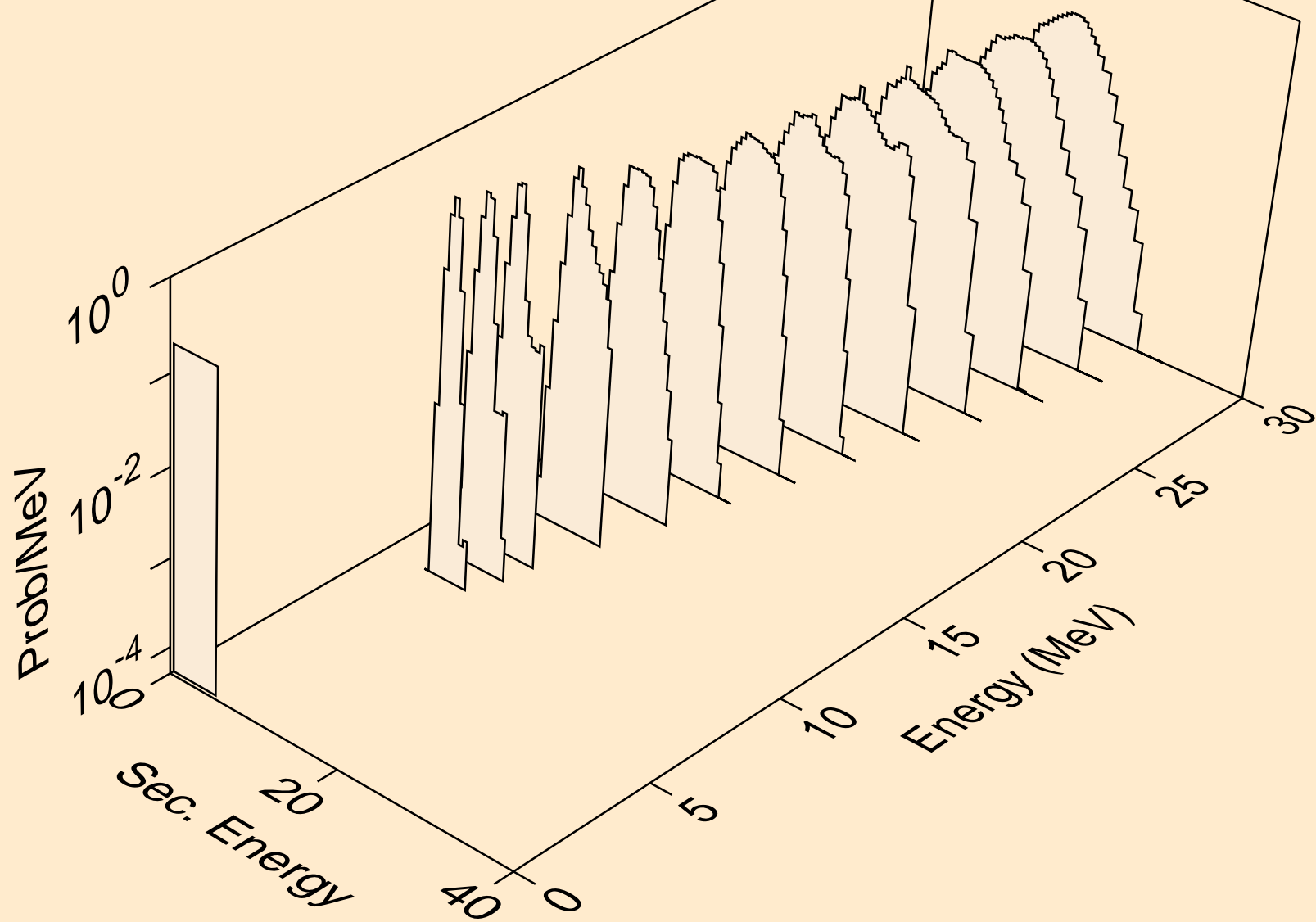
W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



W181 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

