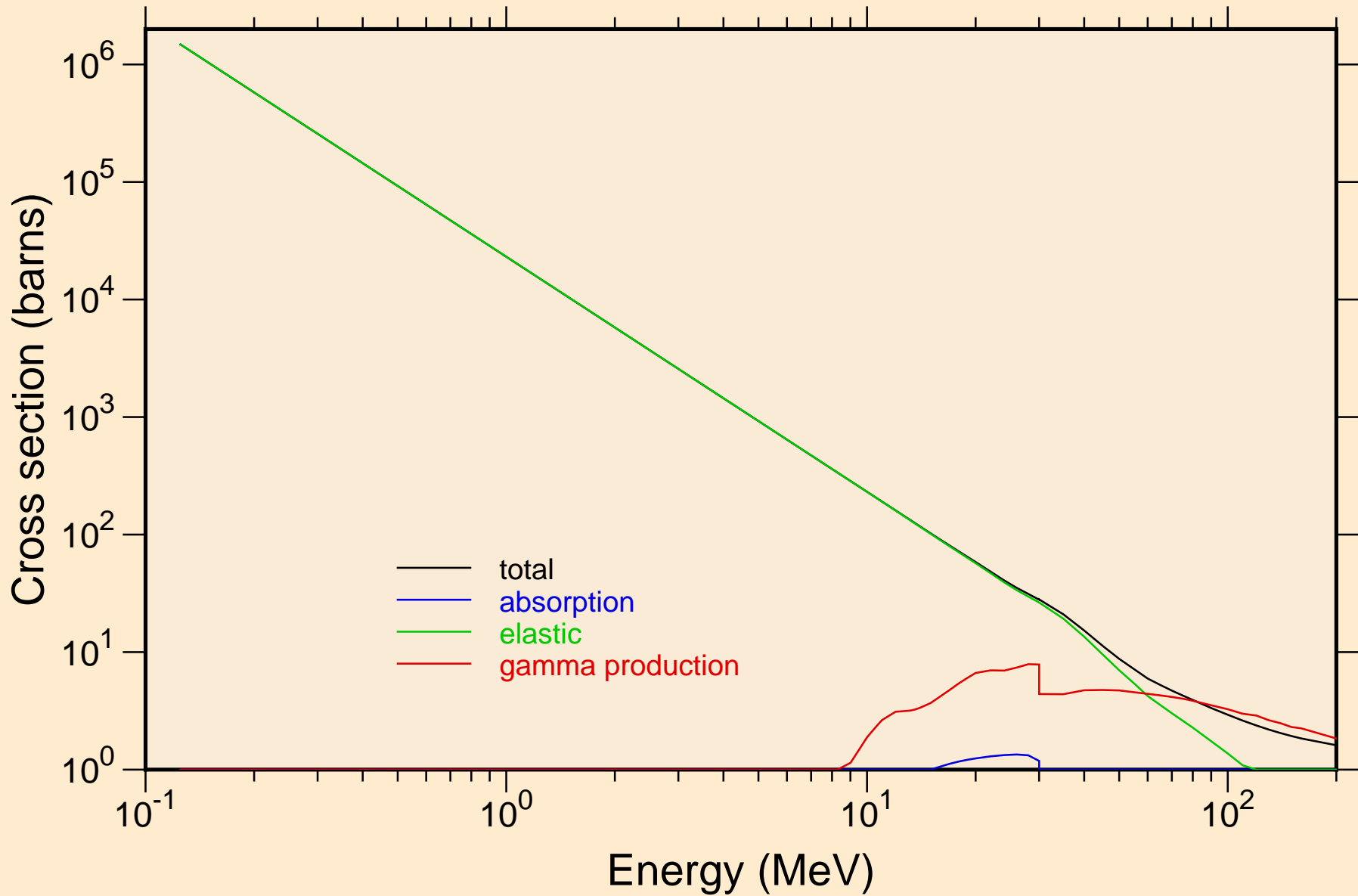
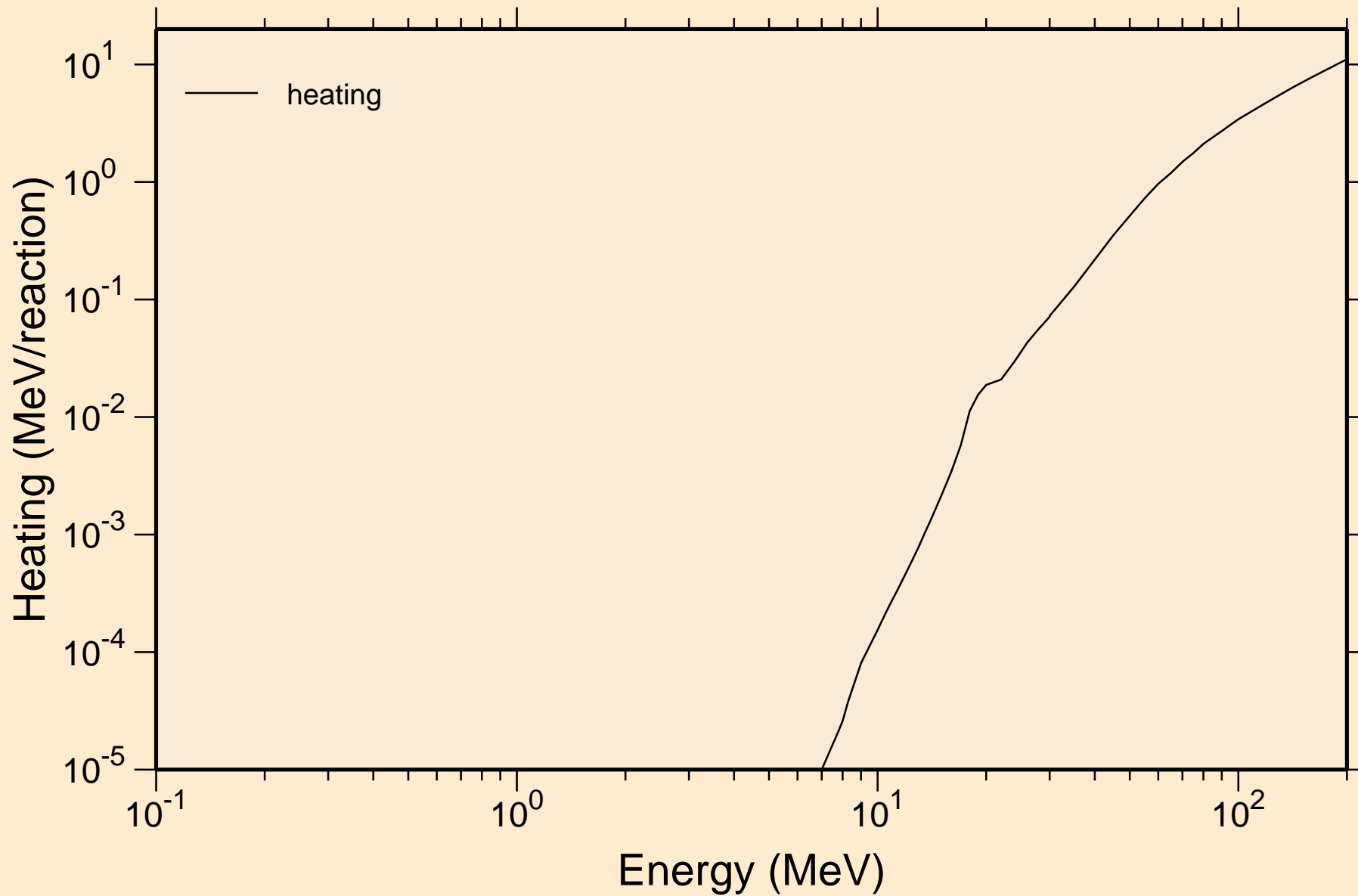


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

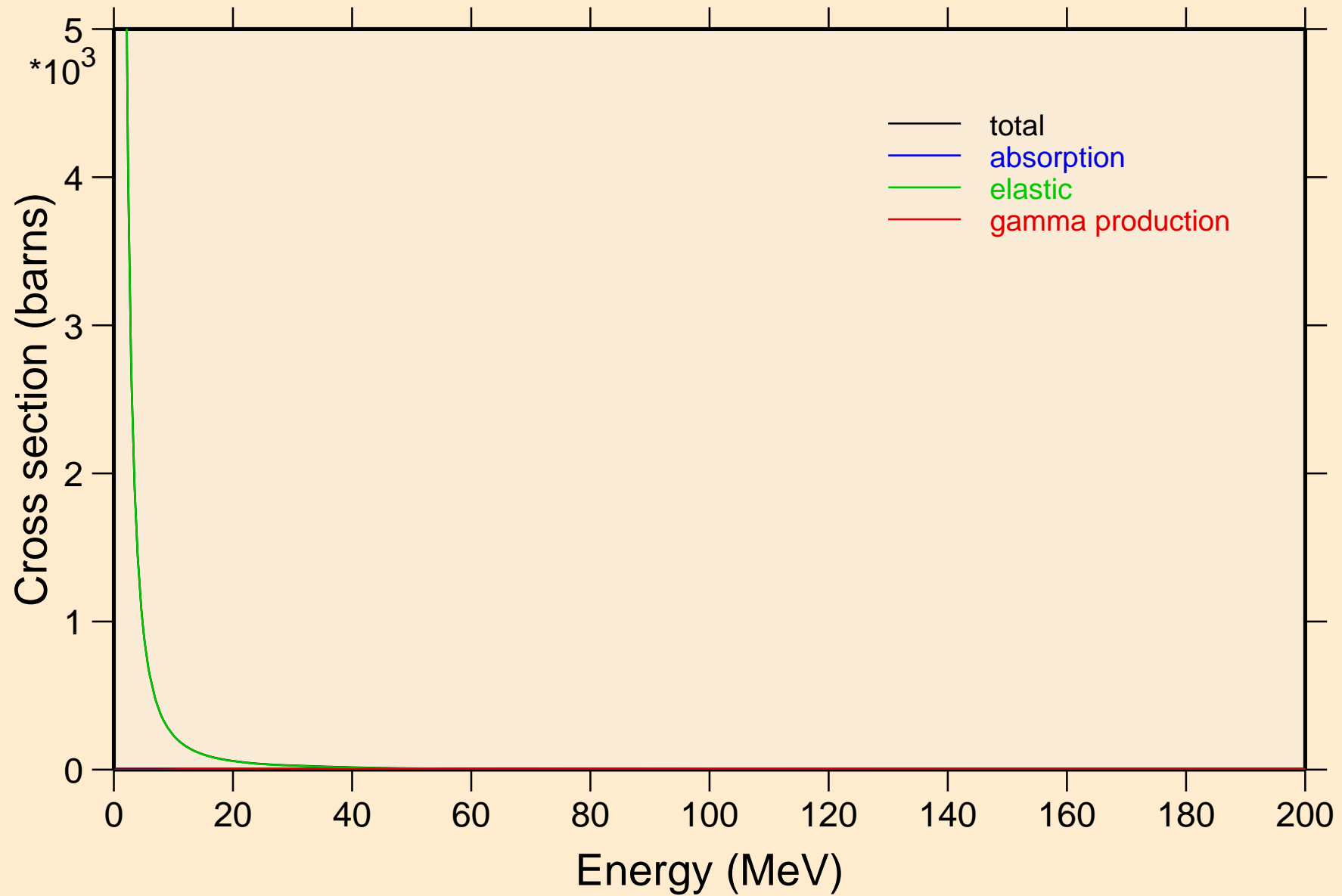


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



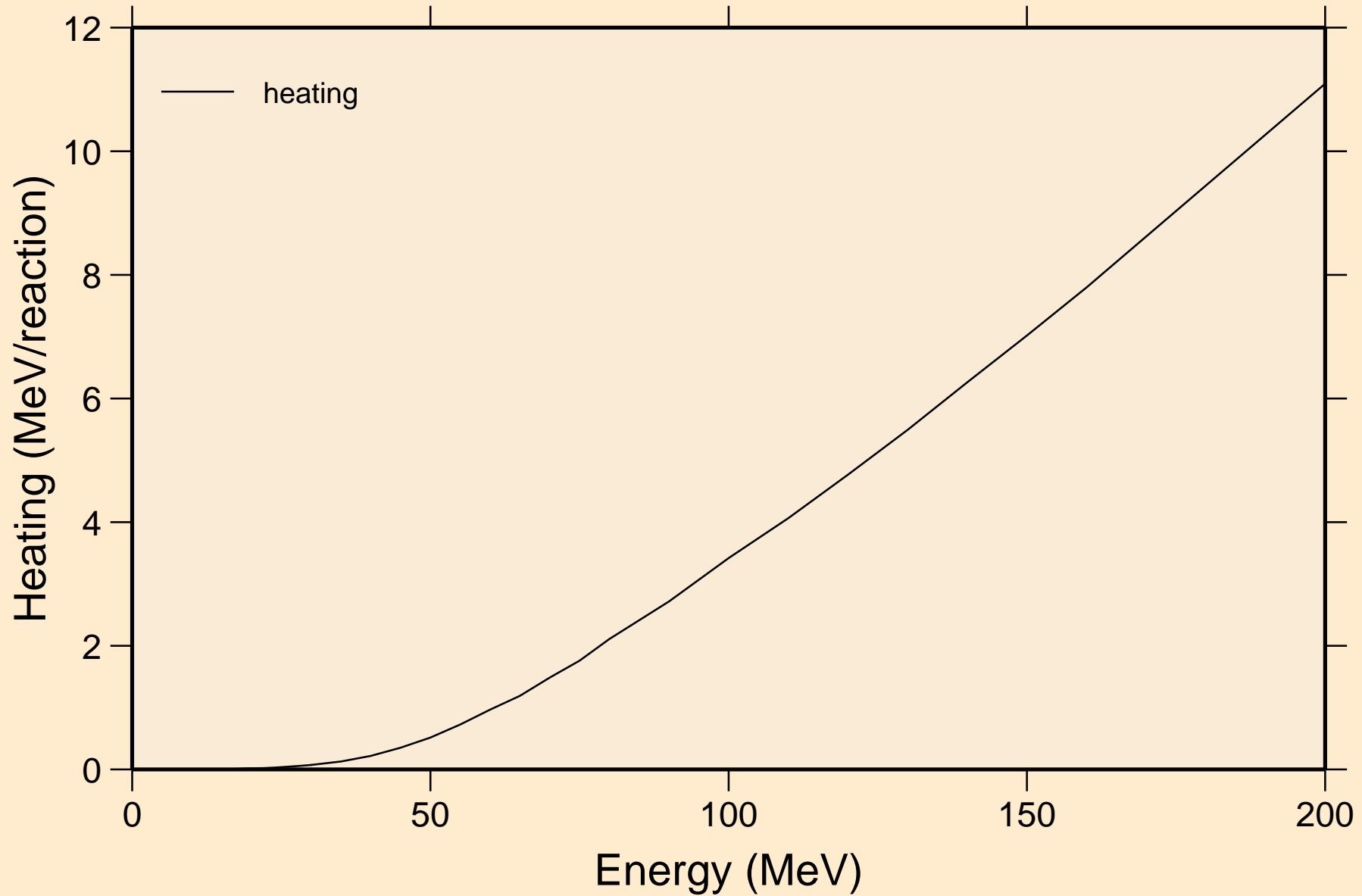
# PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

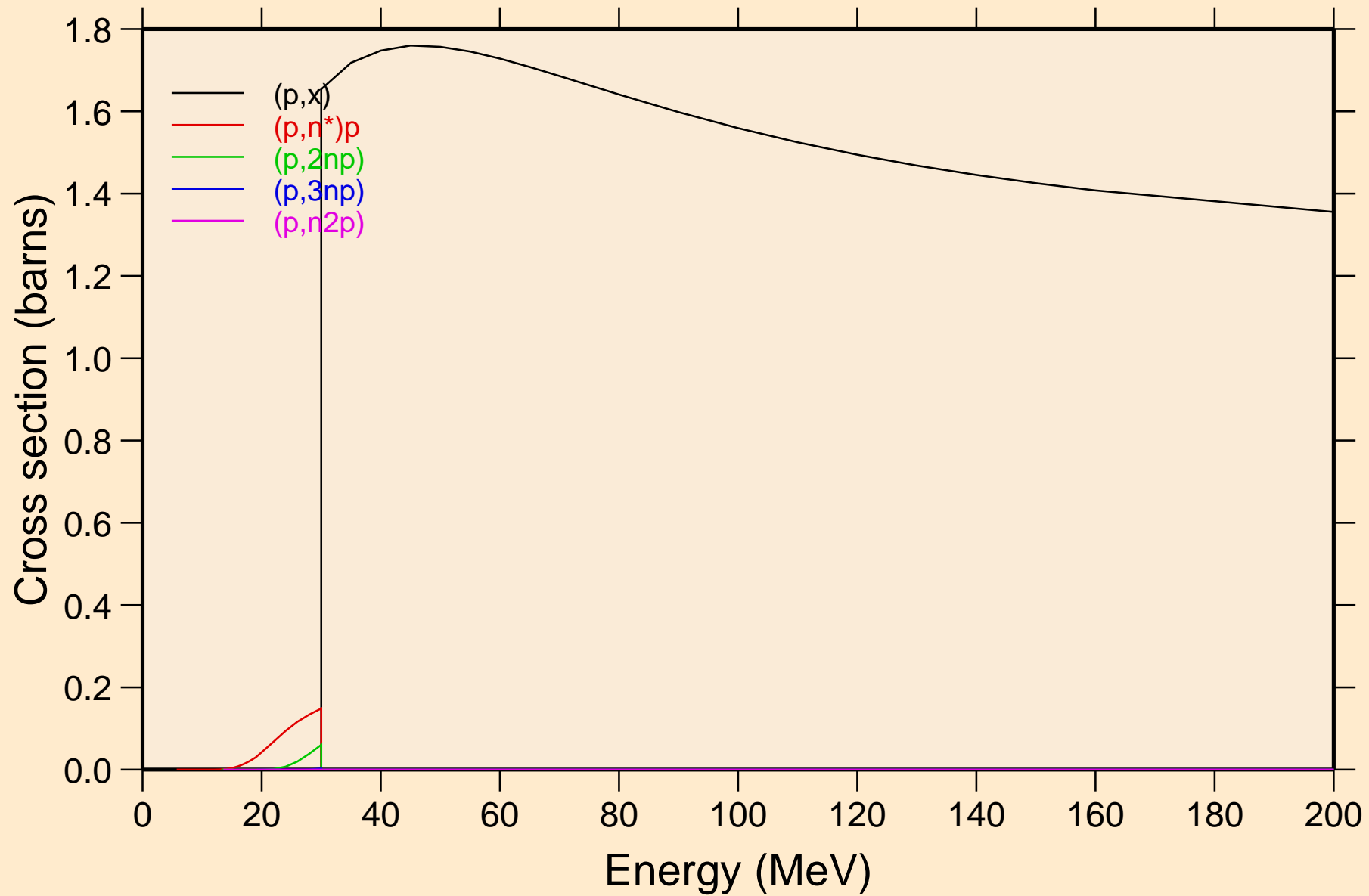


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K

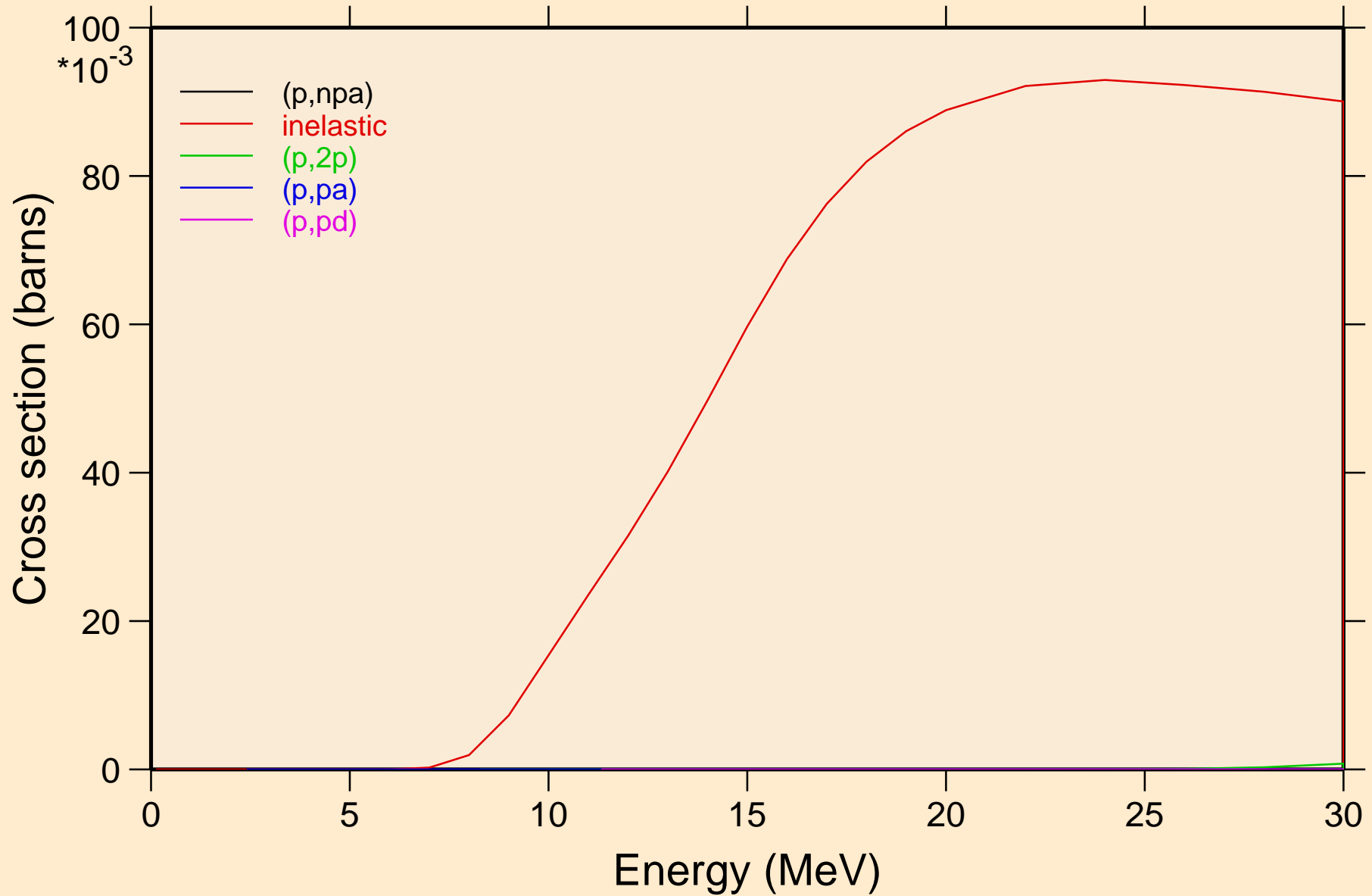
Heating



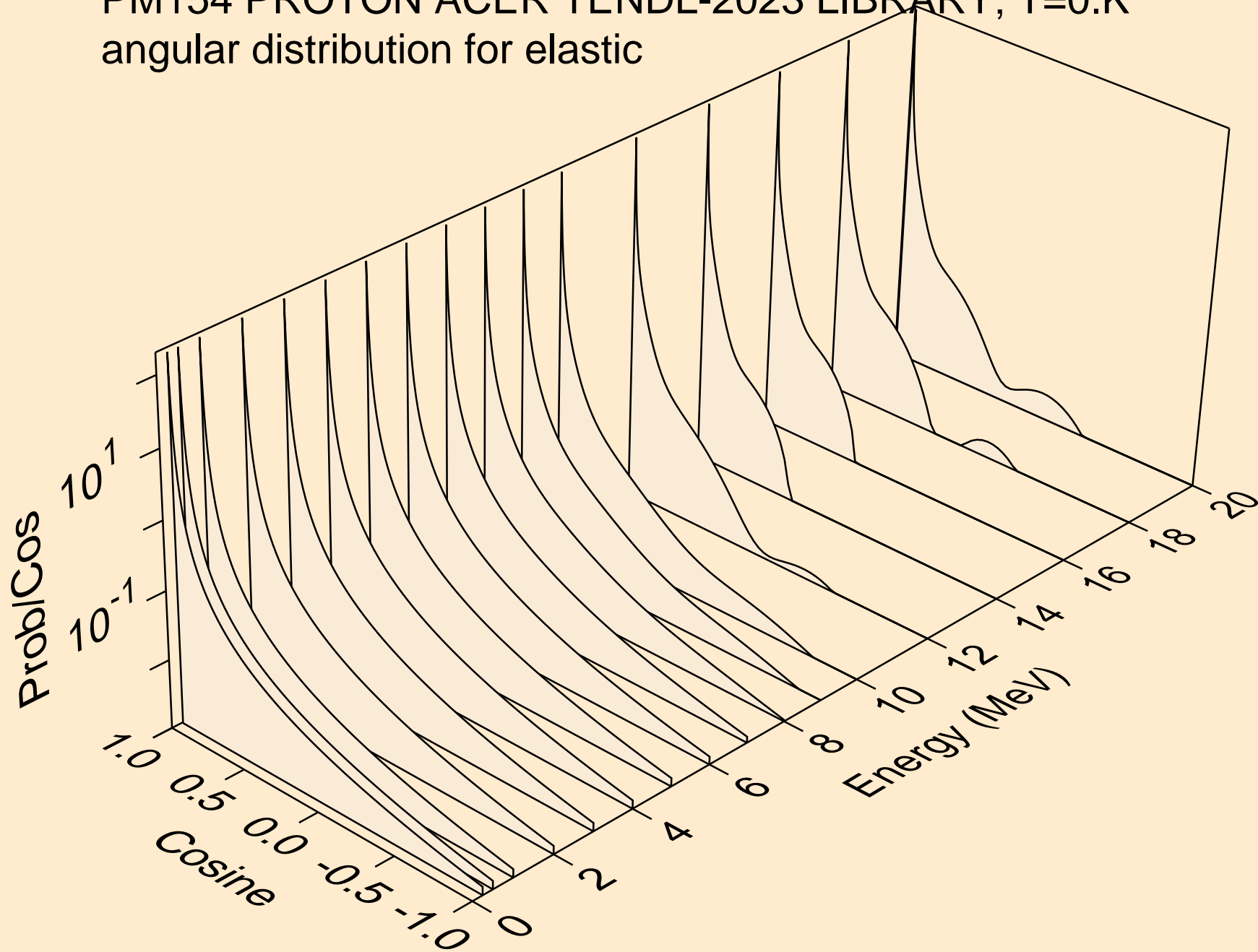
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



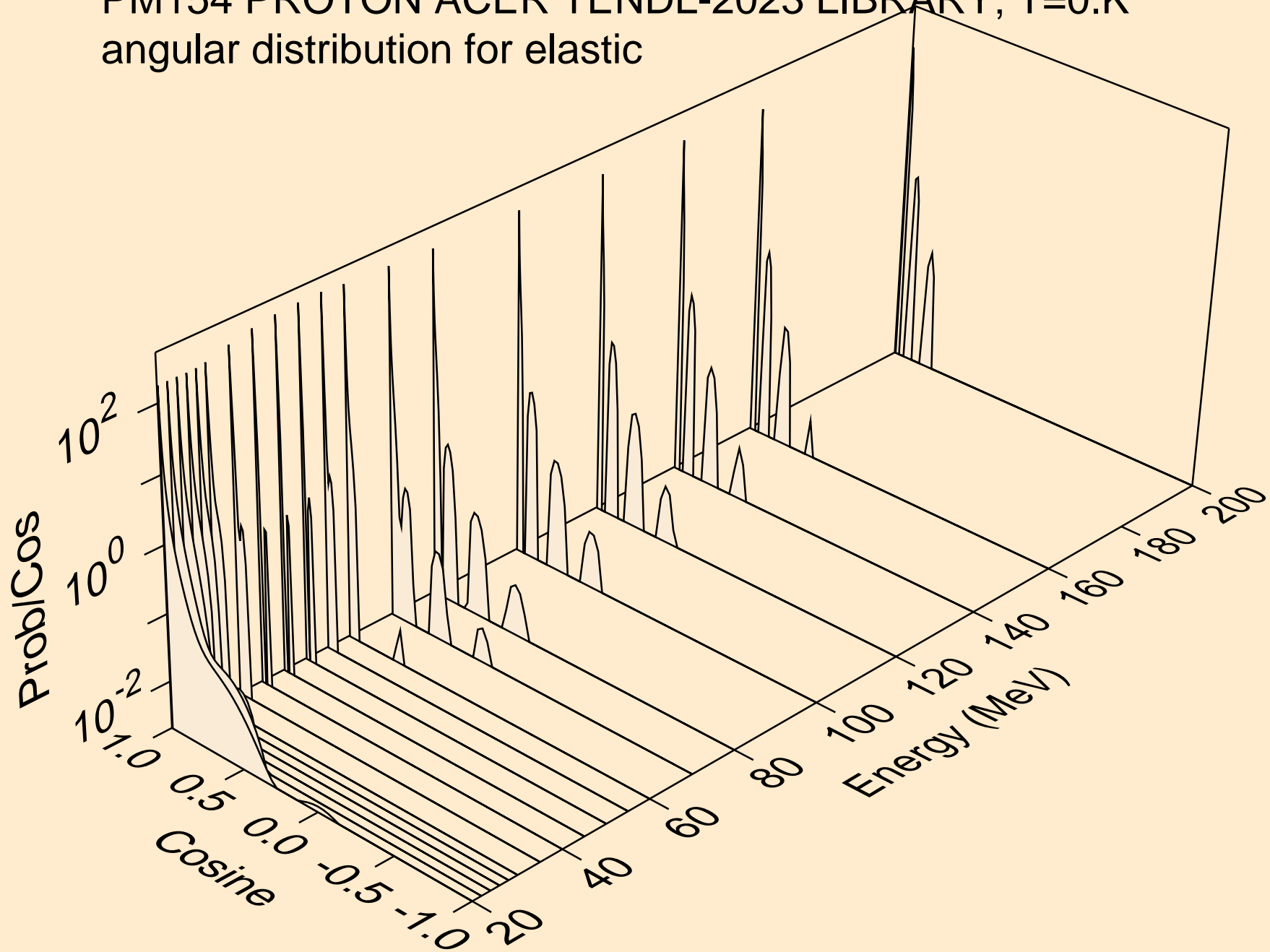
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

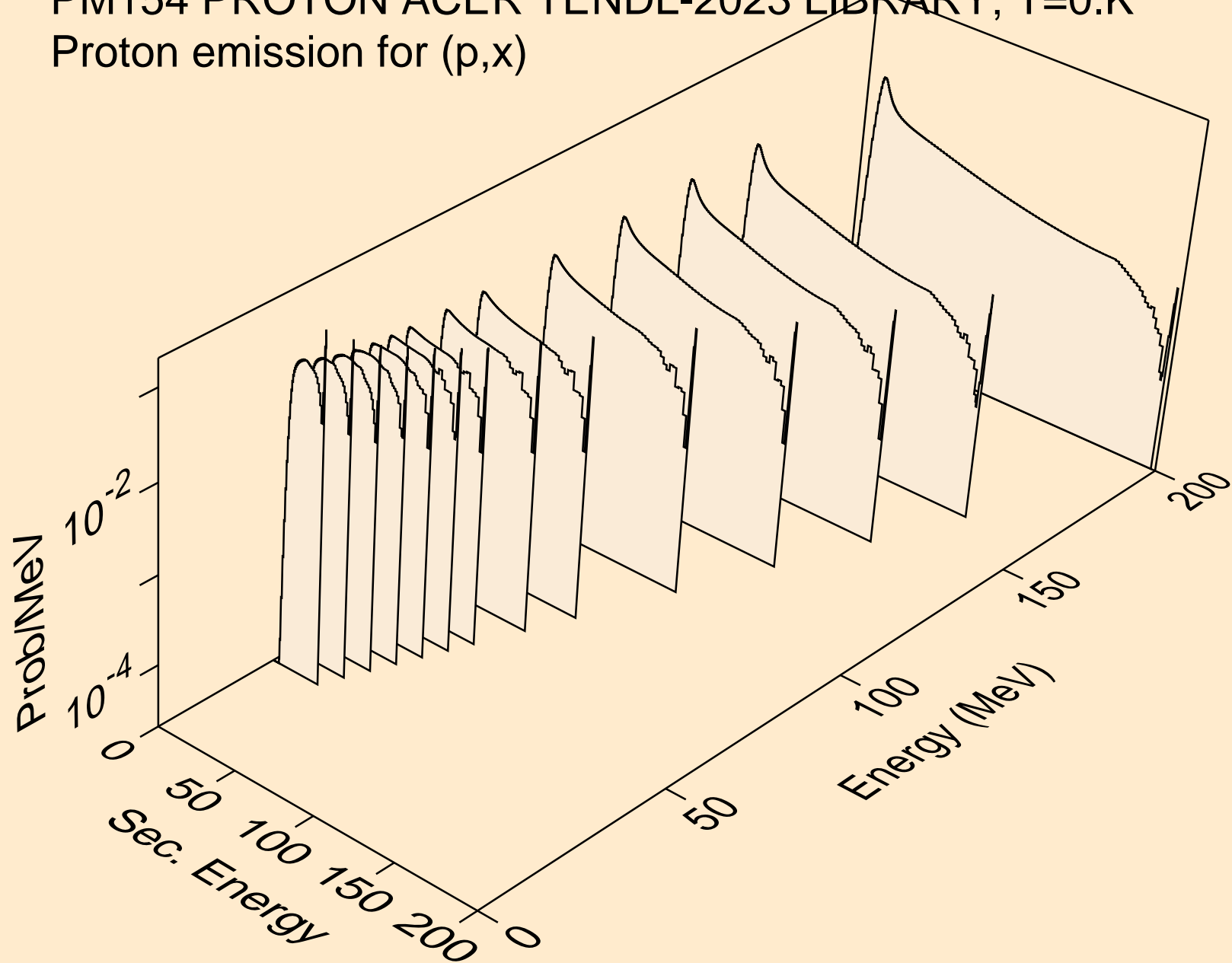


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

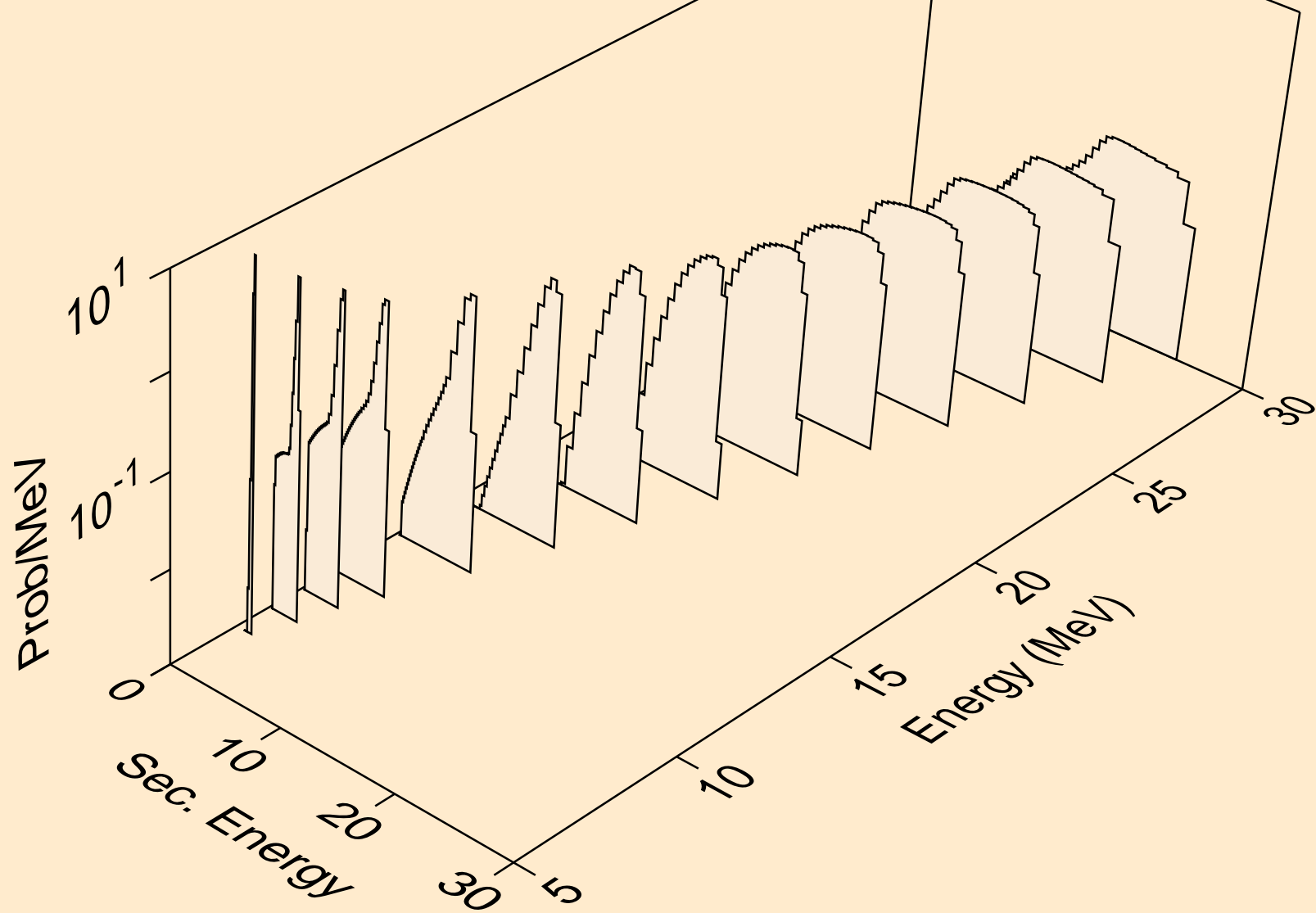




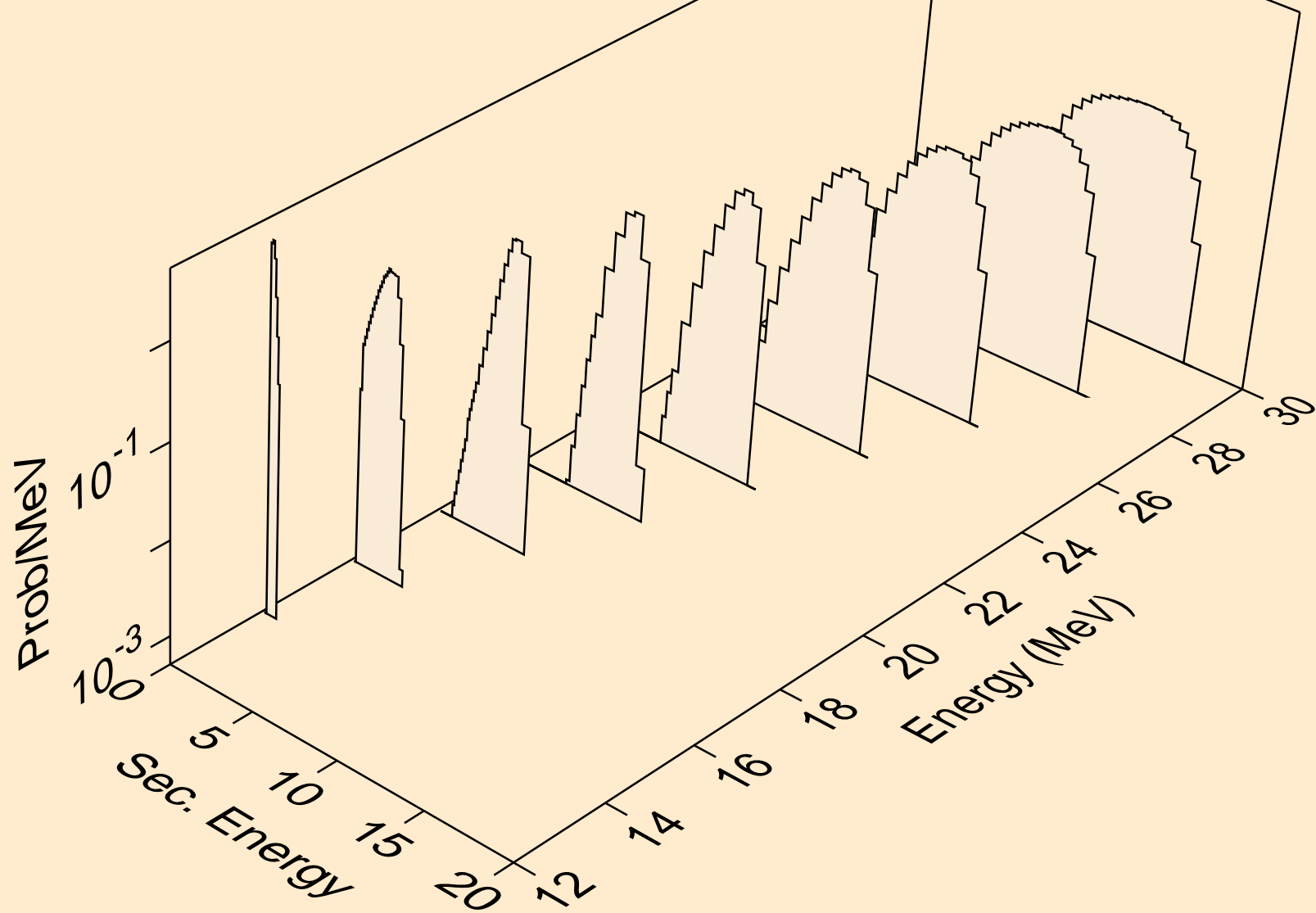
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



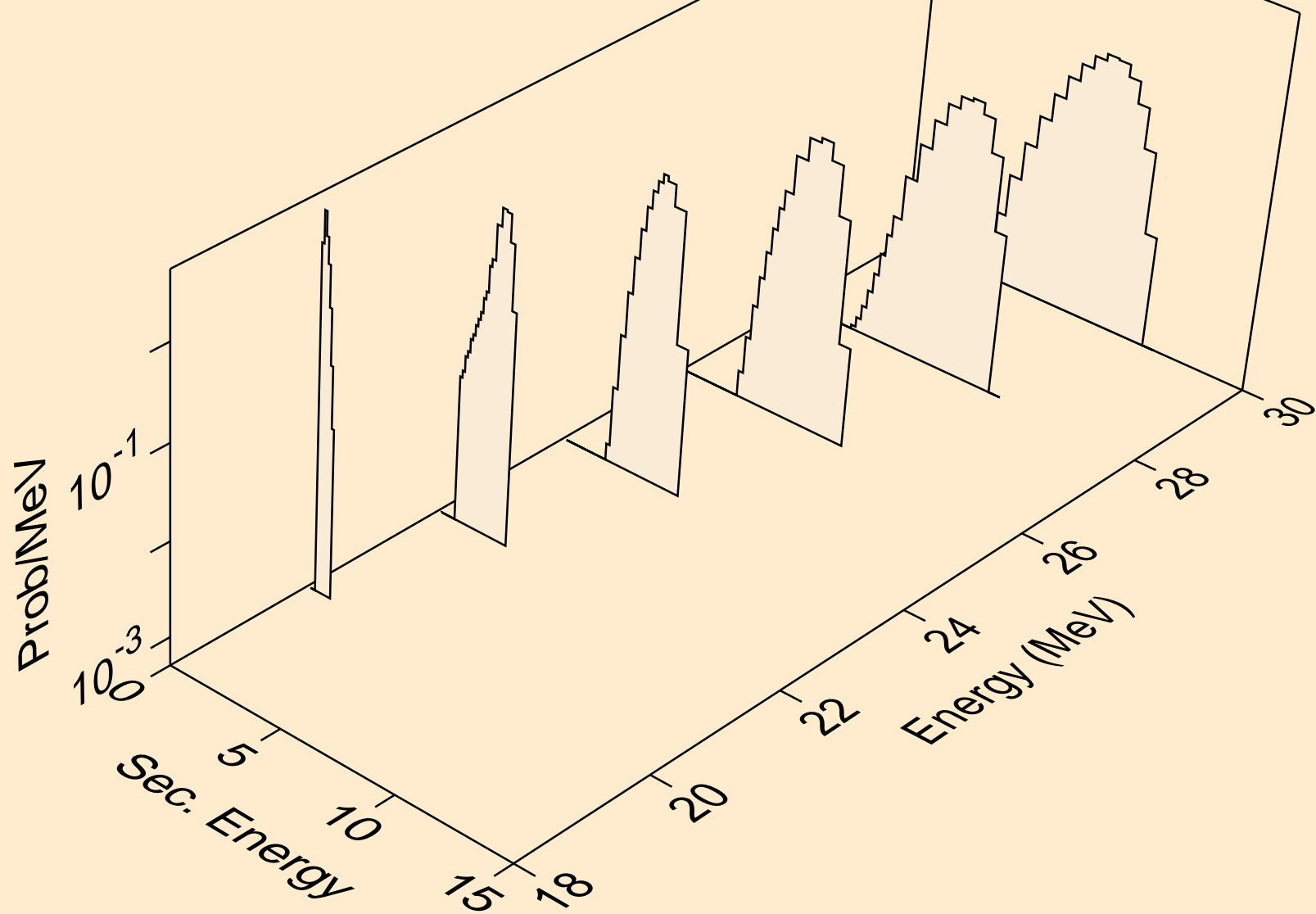
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



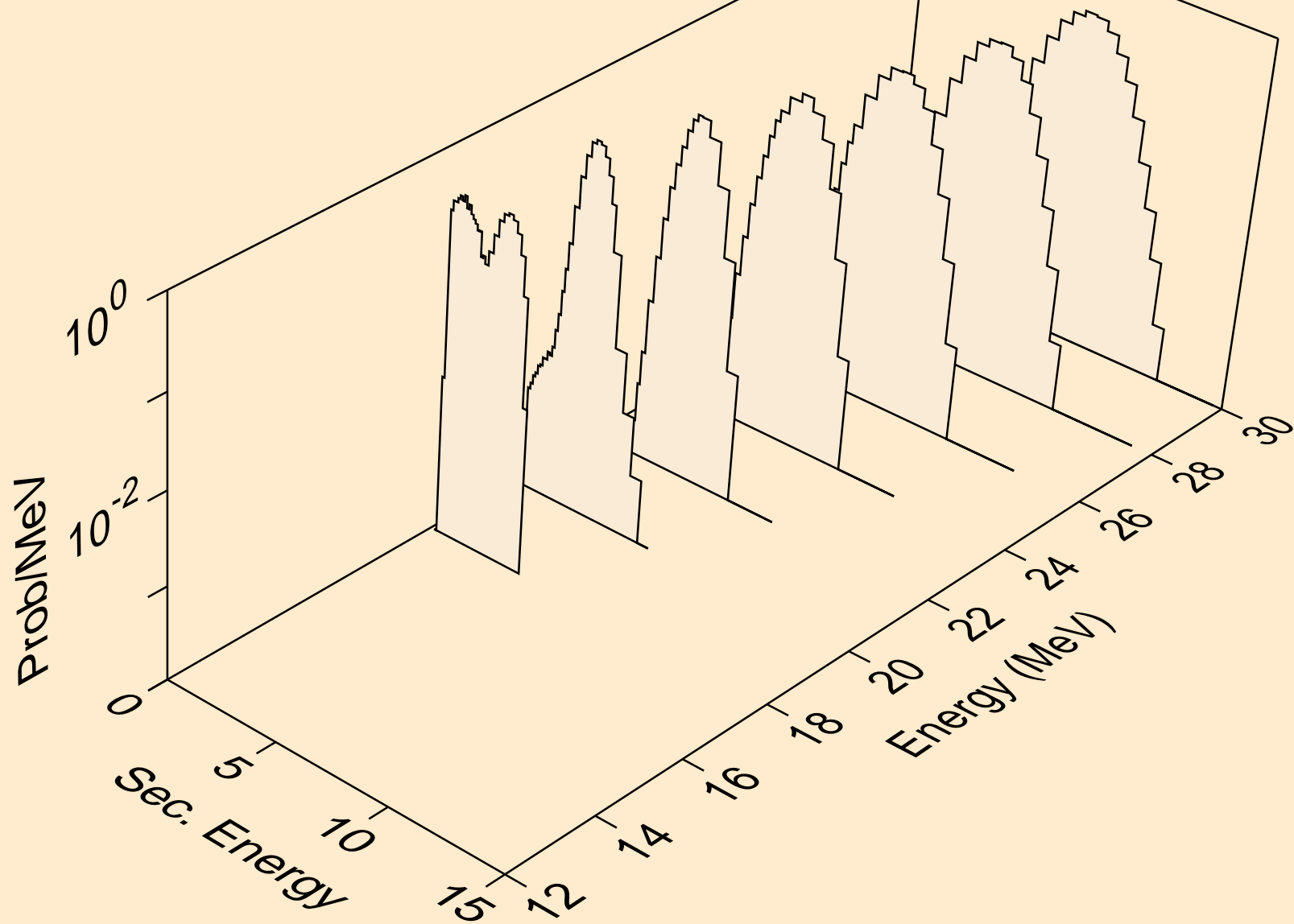
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



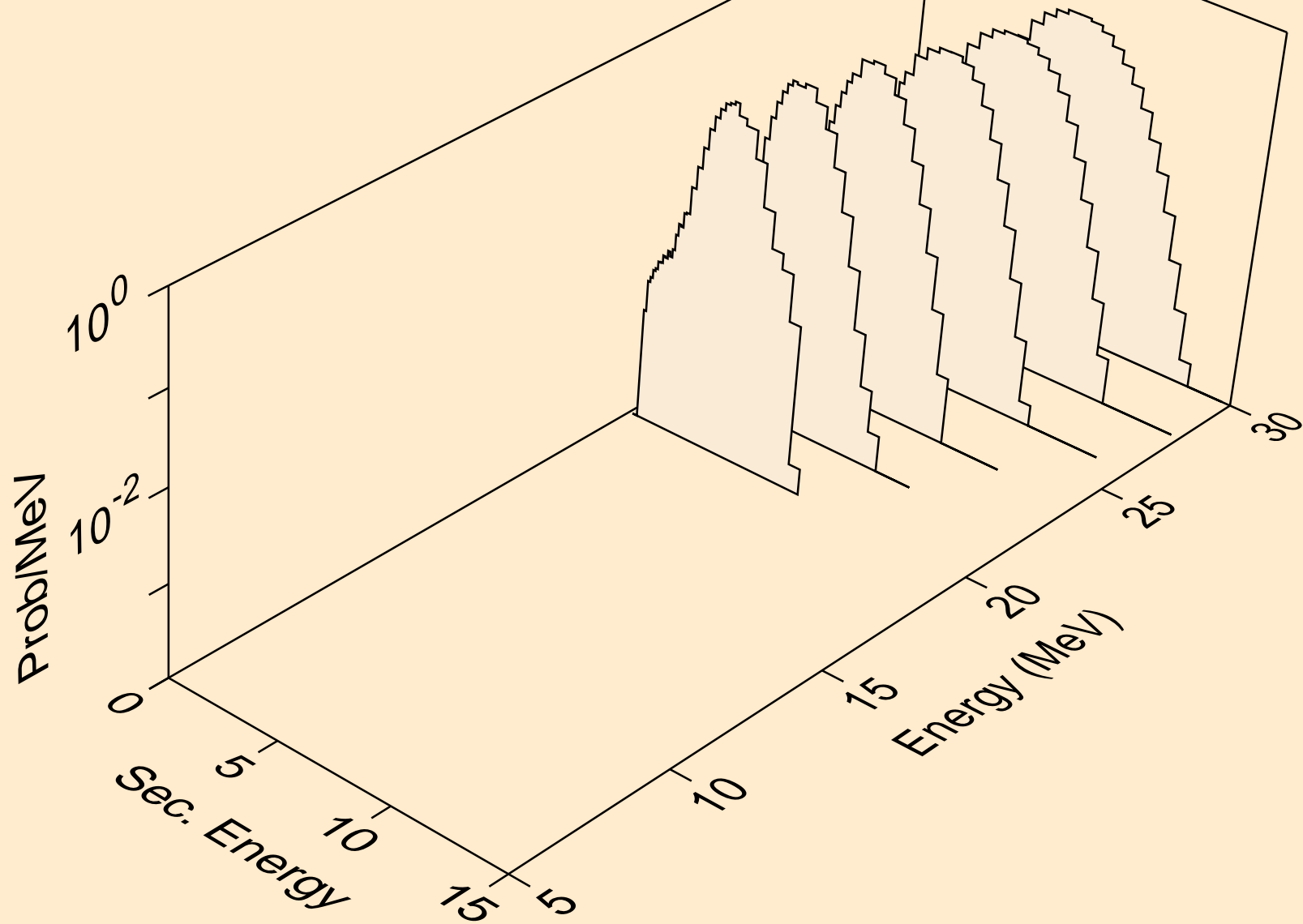
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



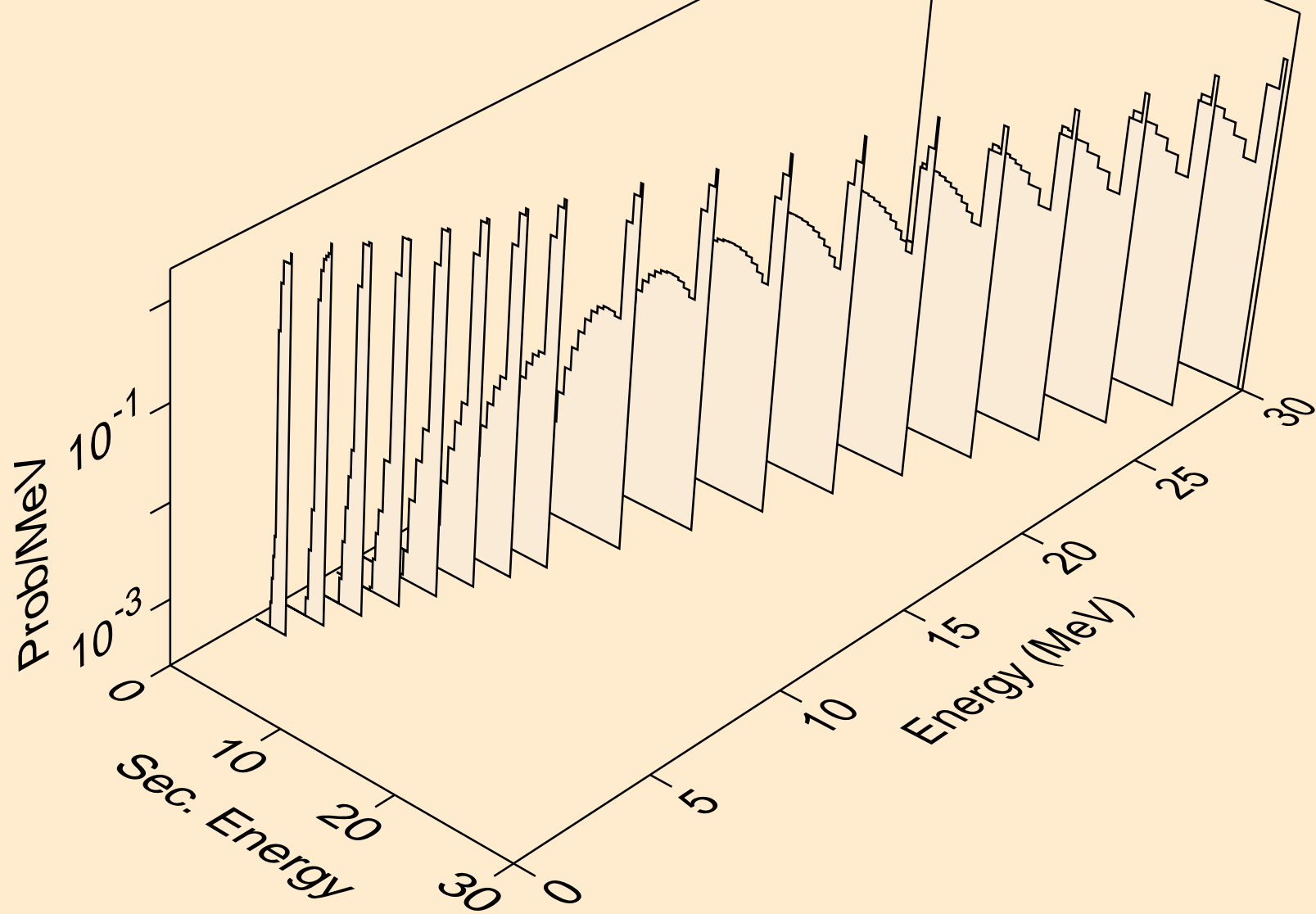
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



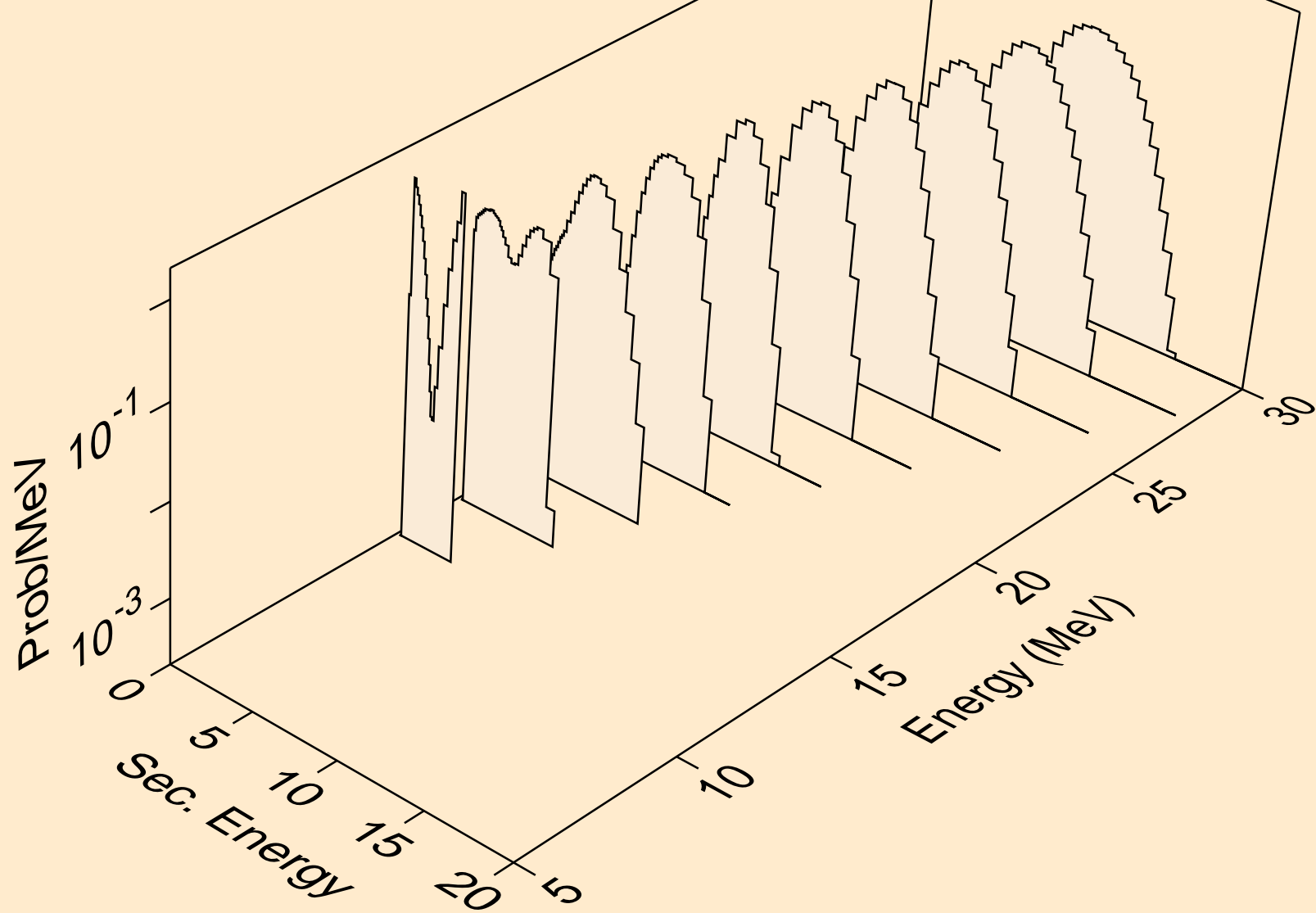
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

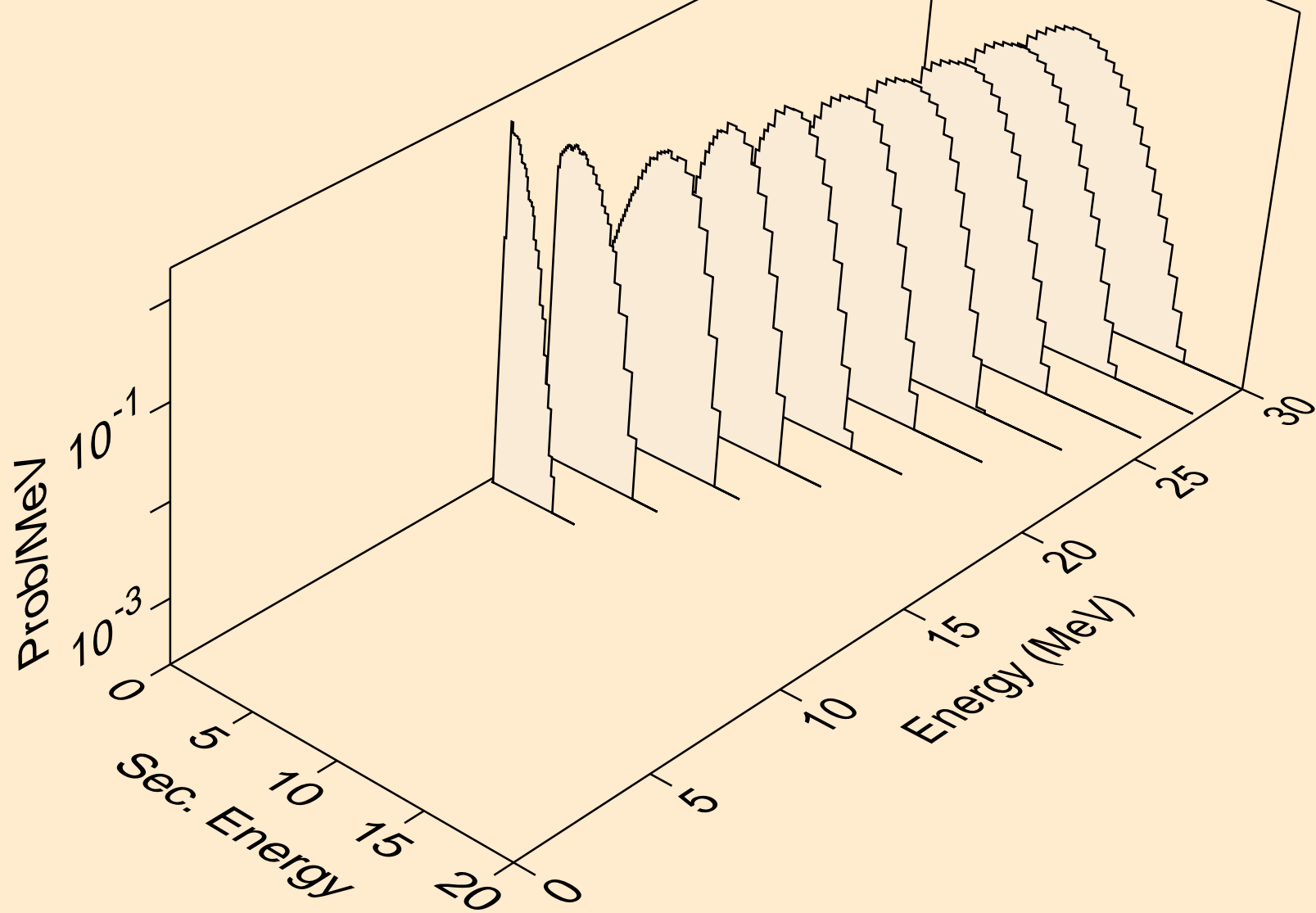


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

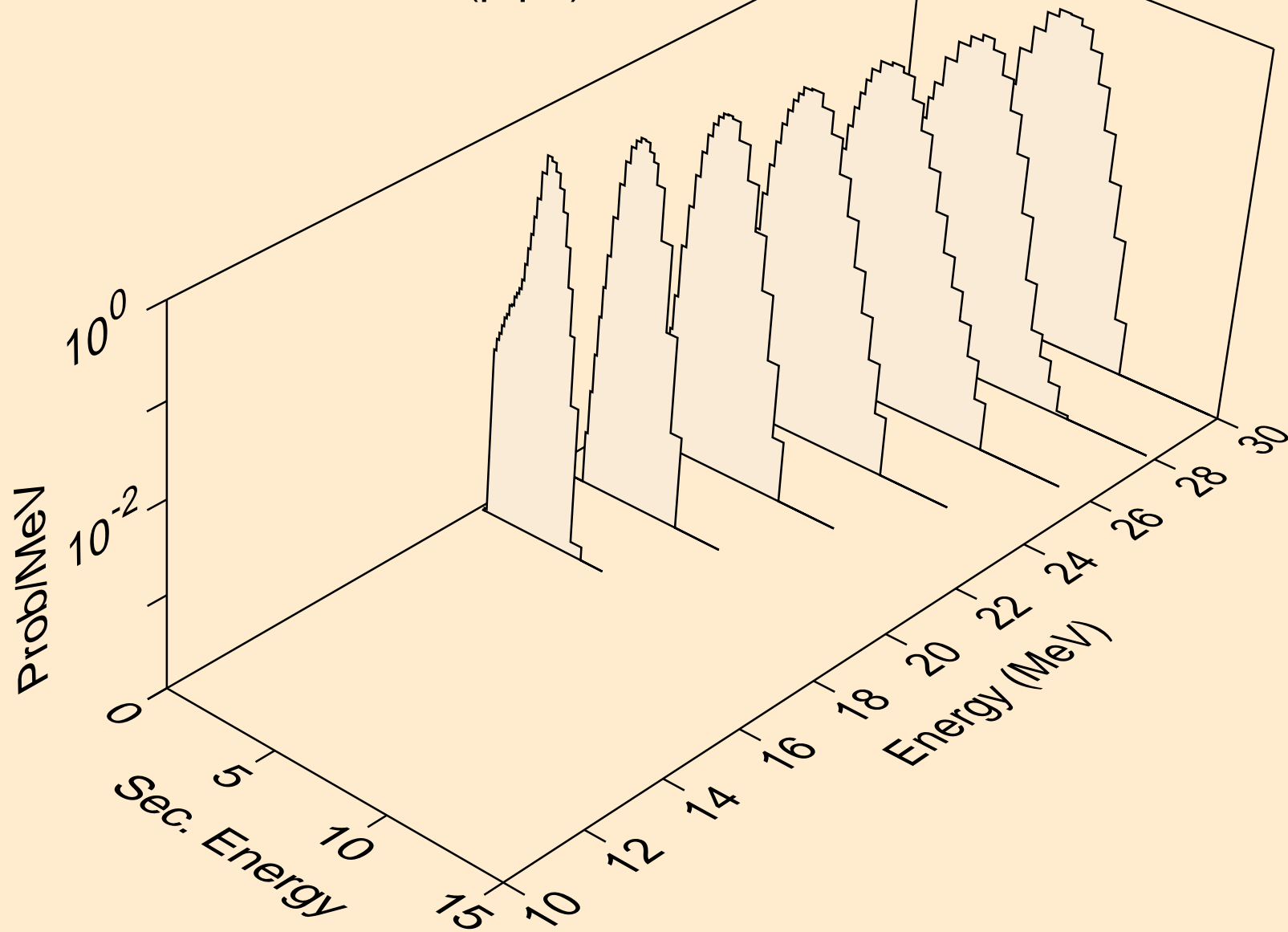




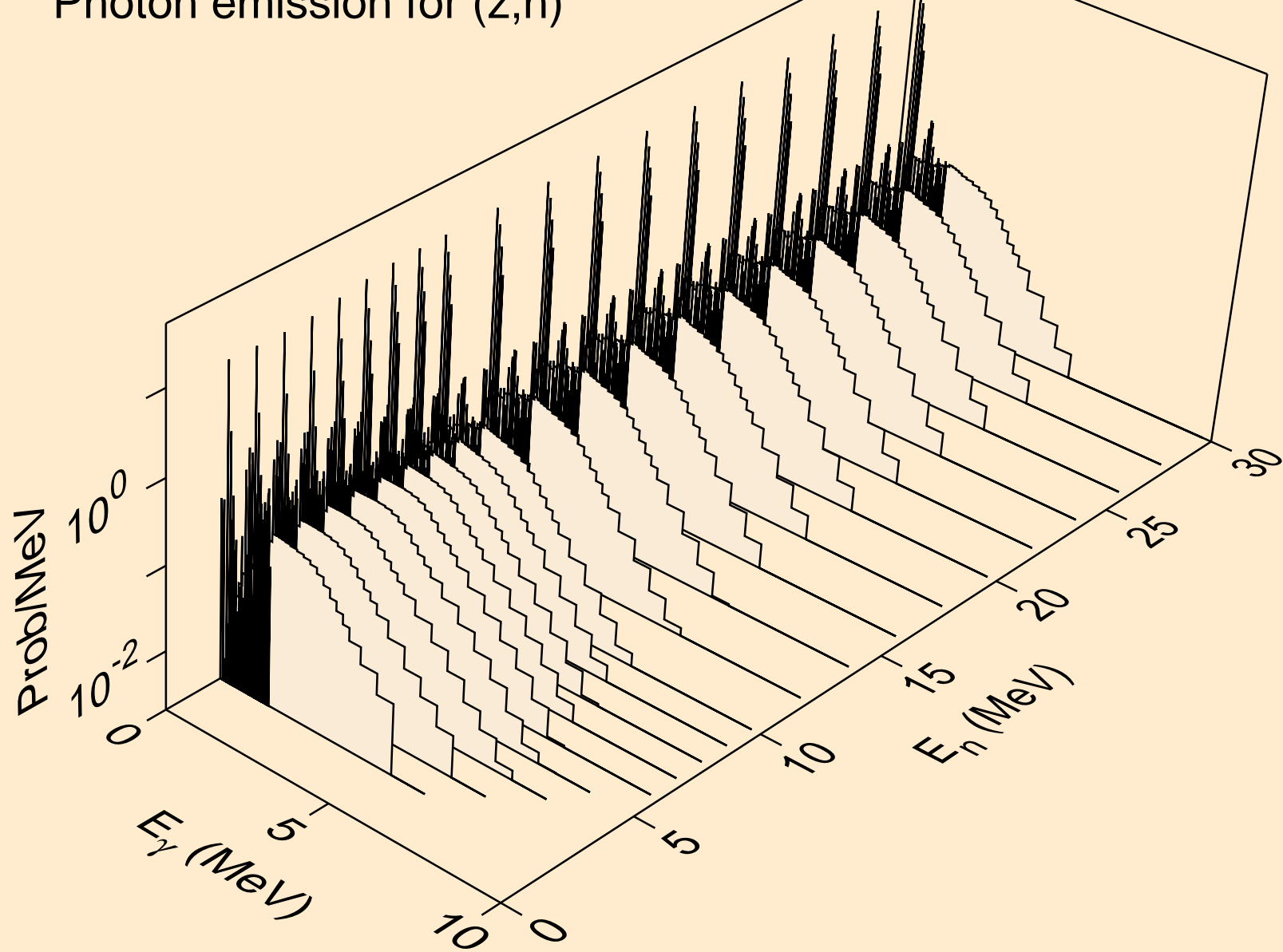
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



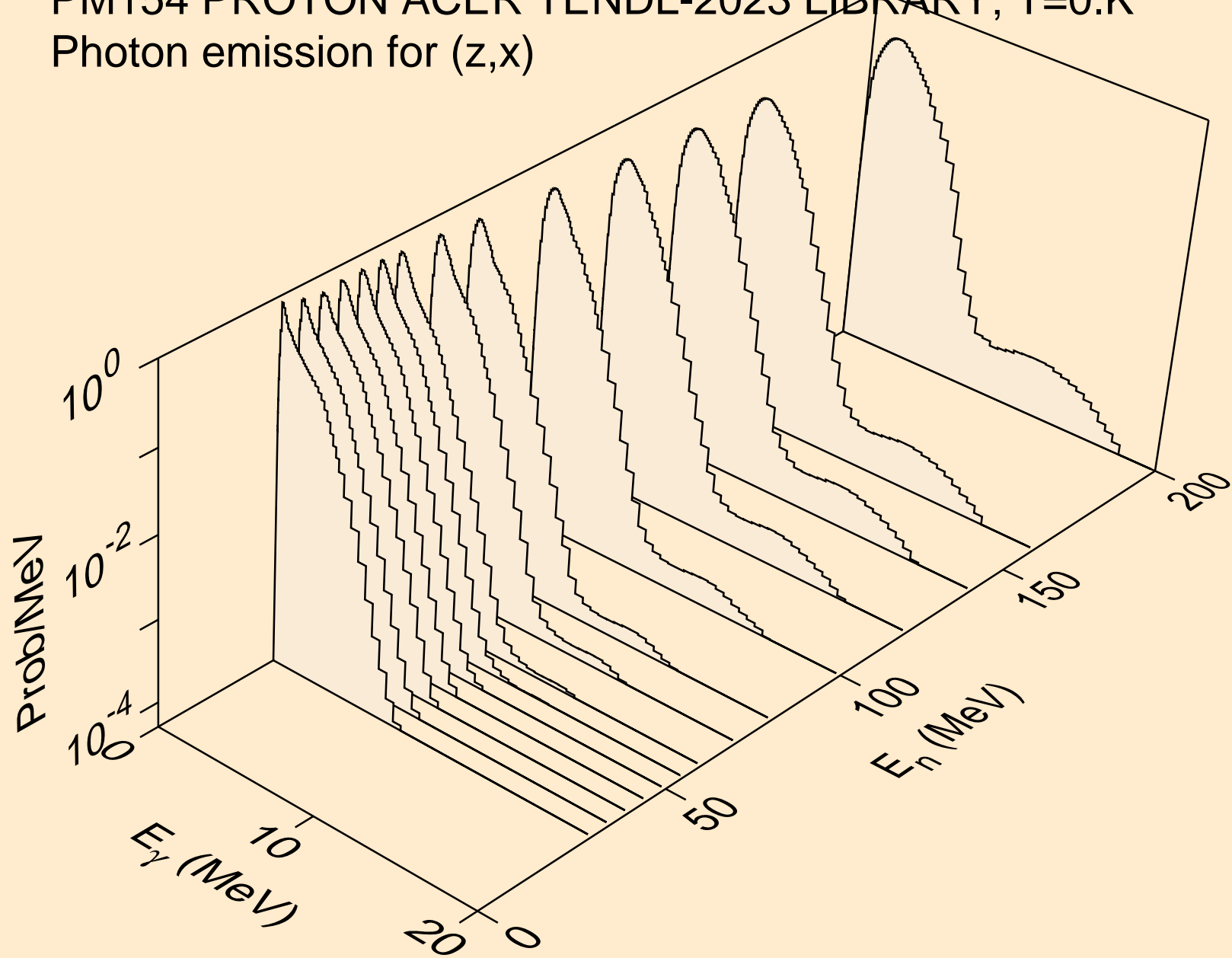
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



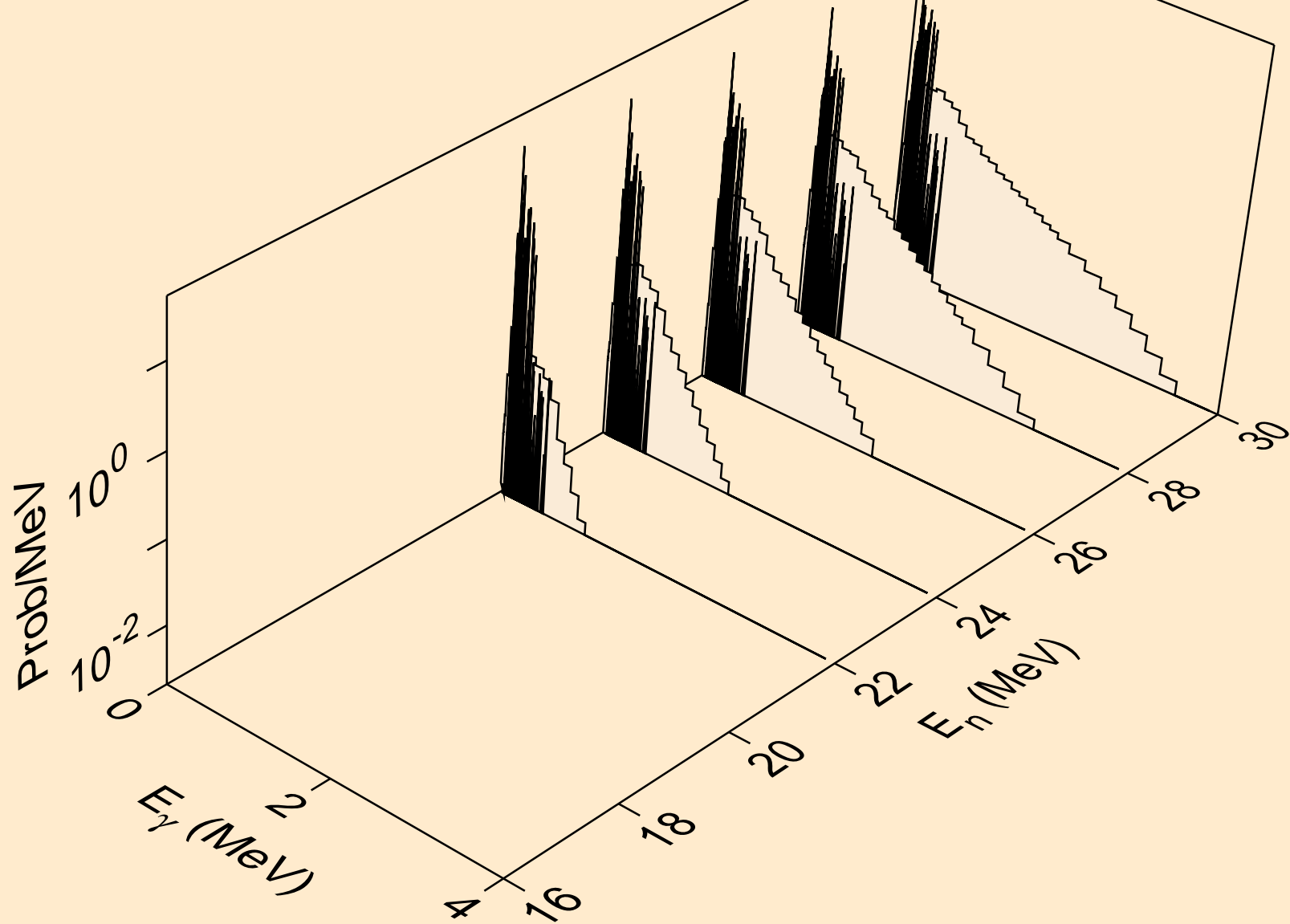
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



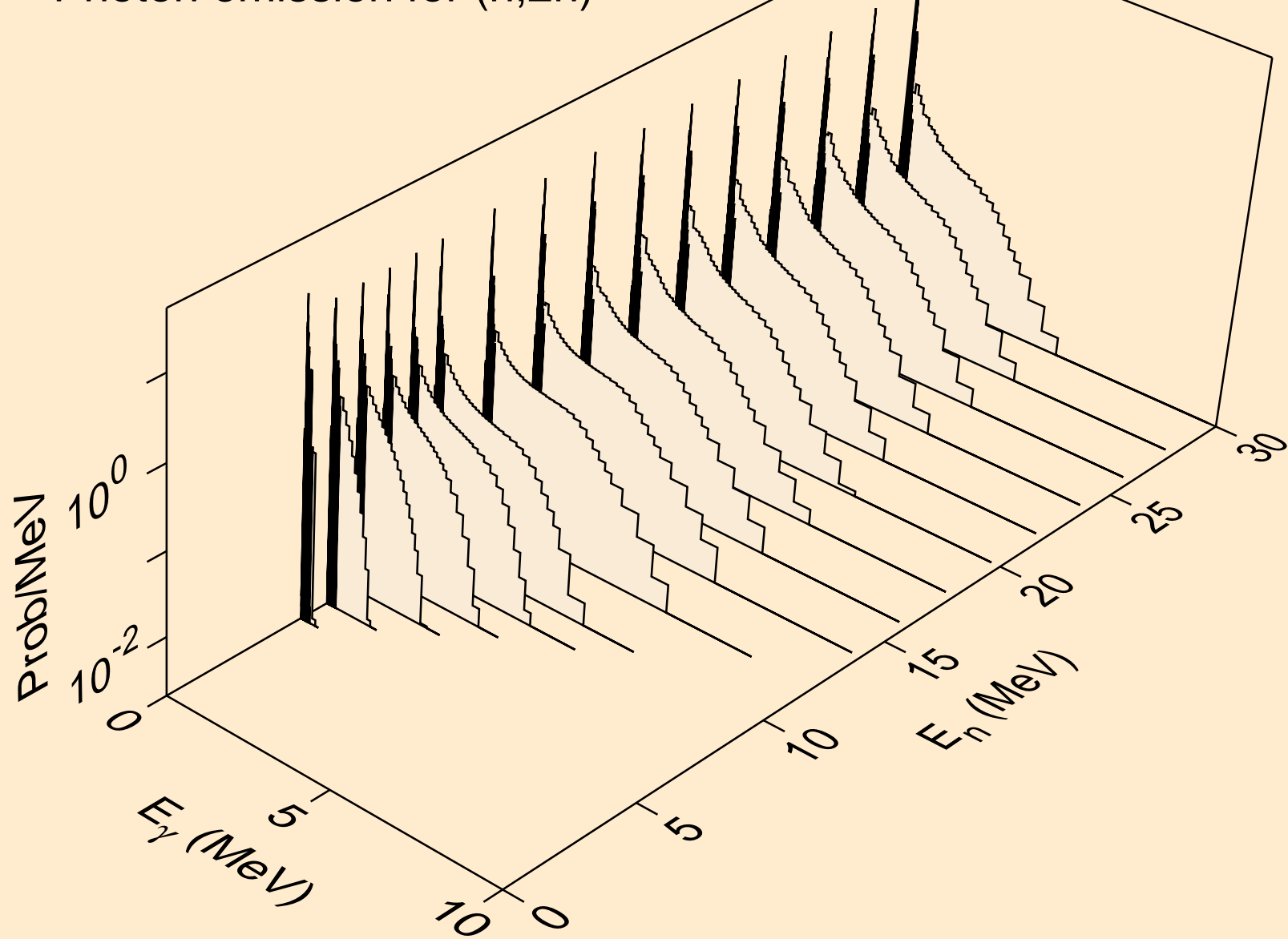
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



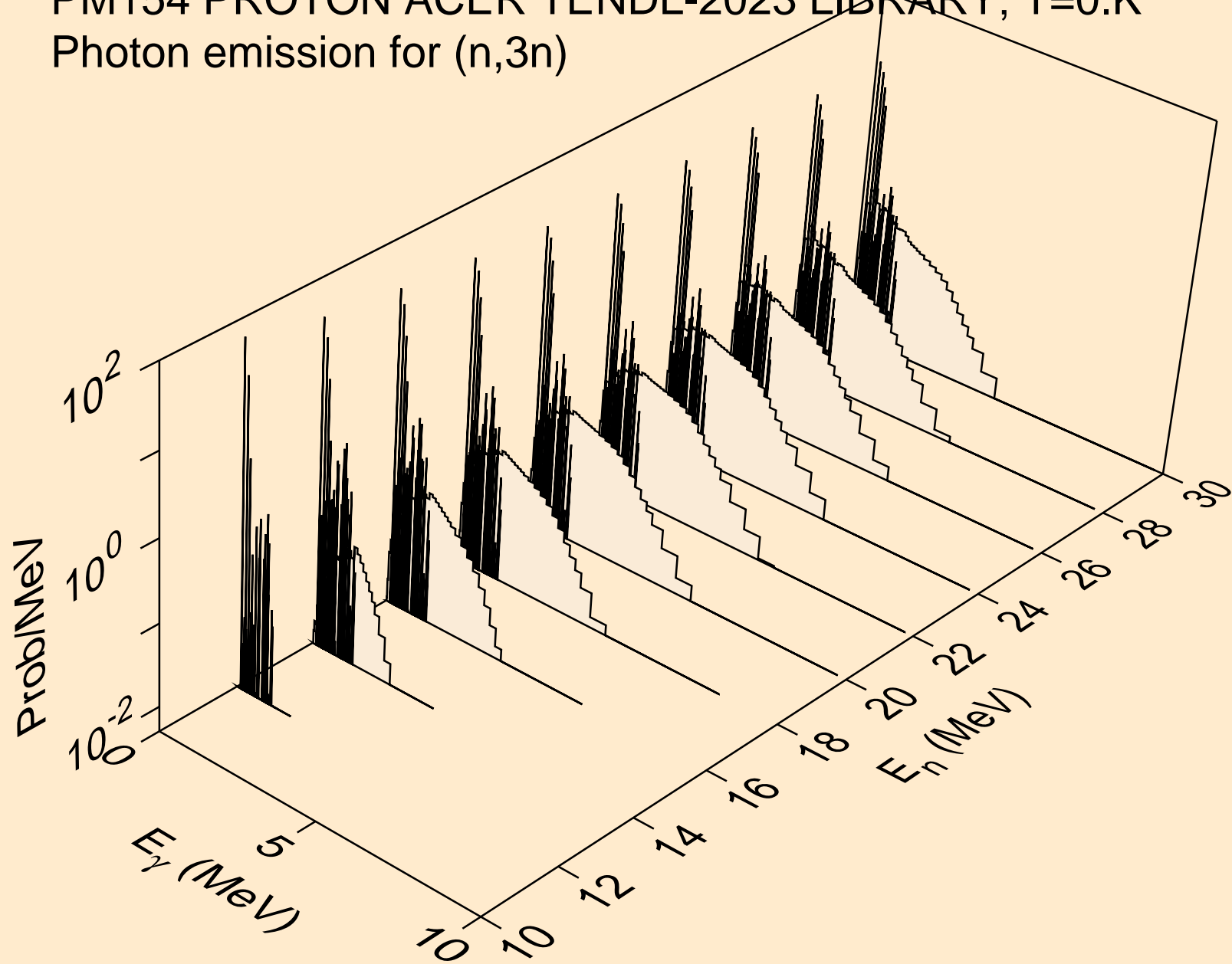
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



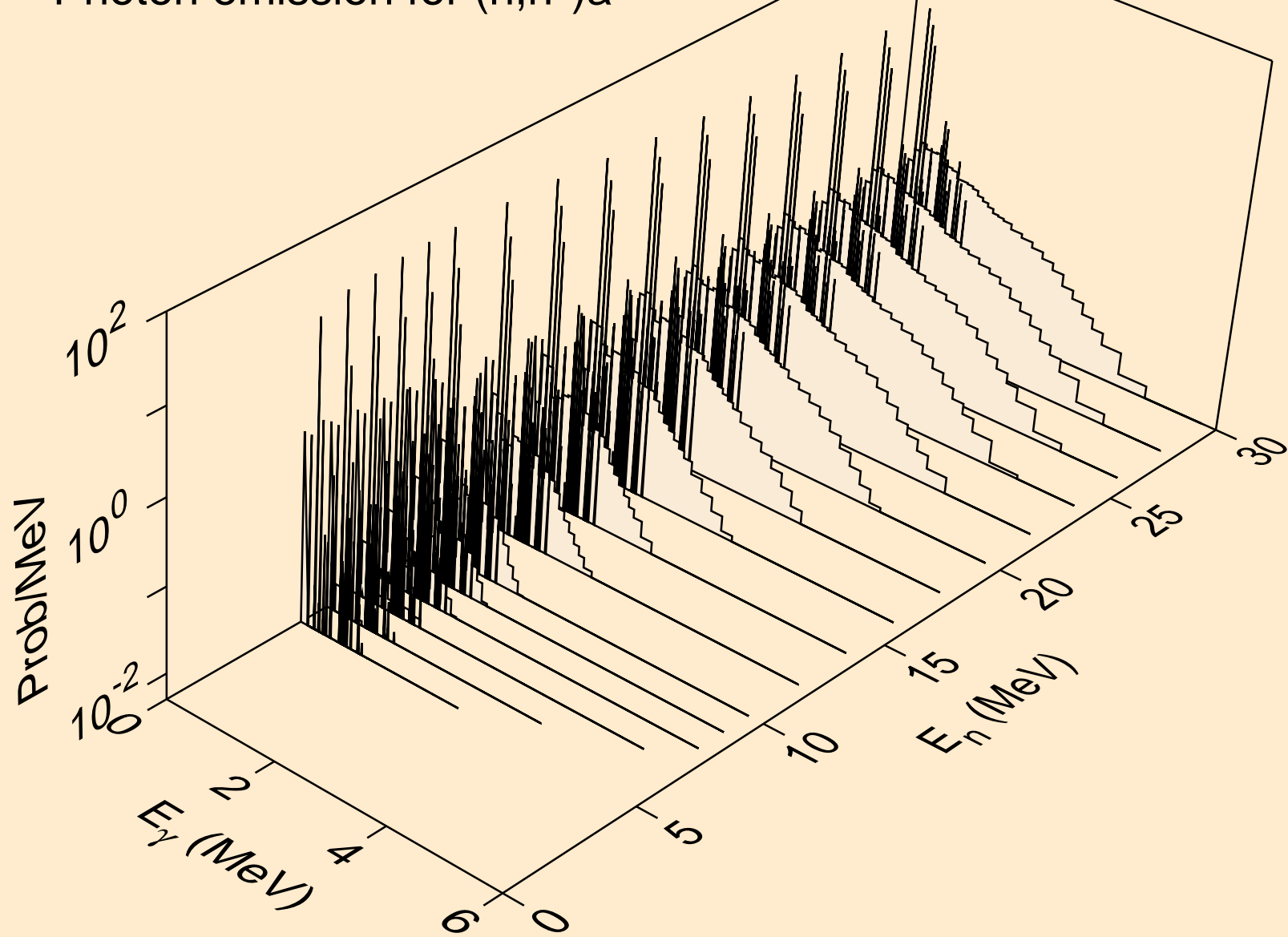
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

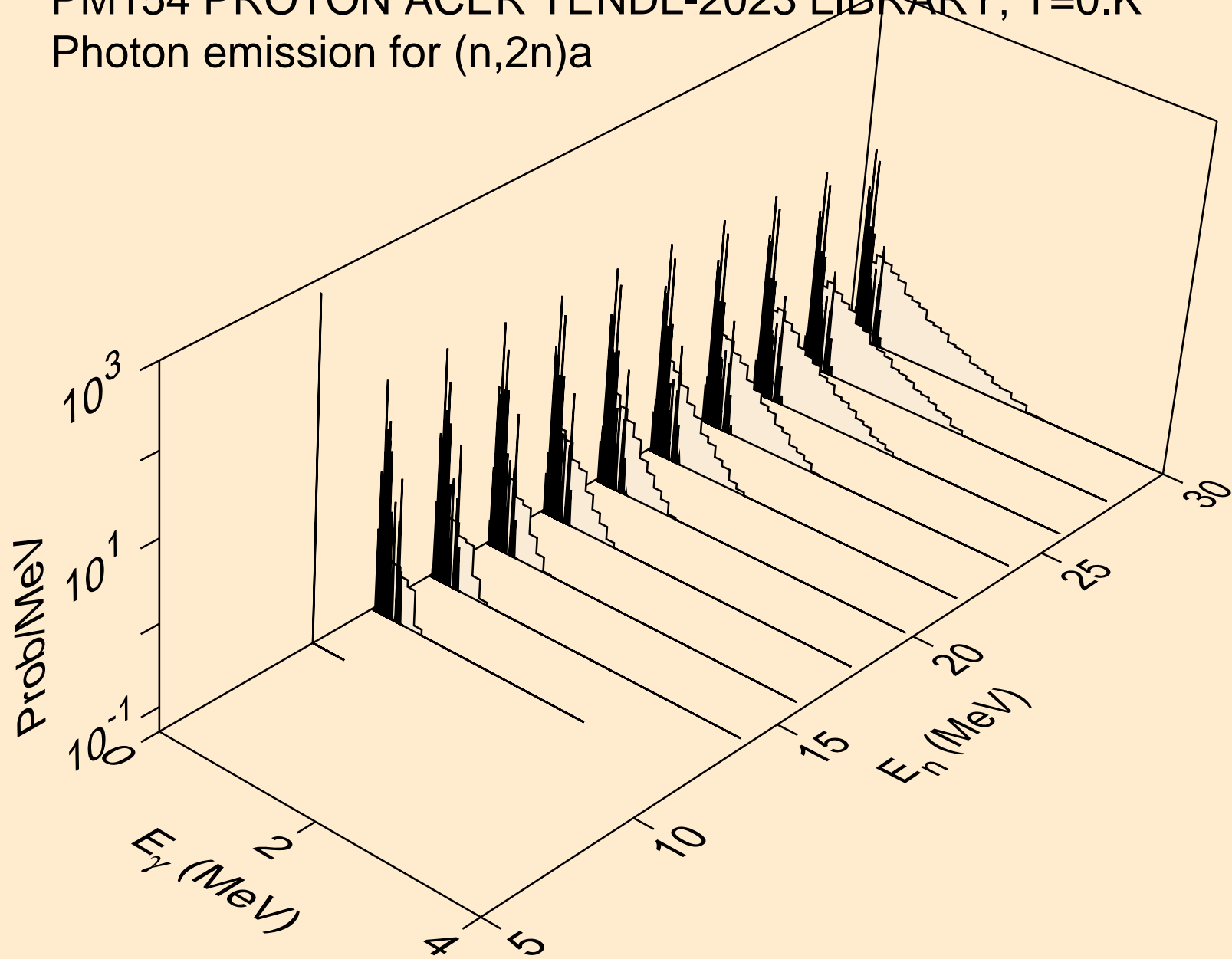


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

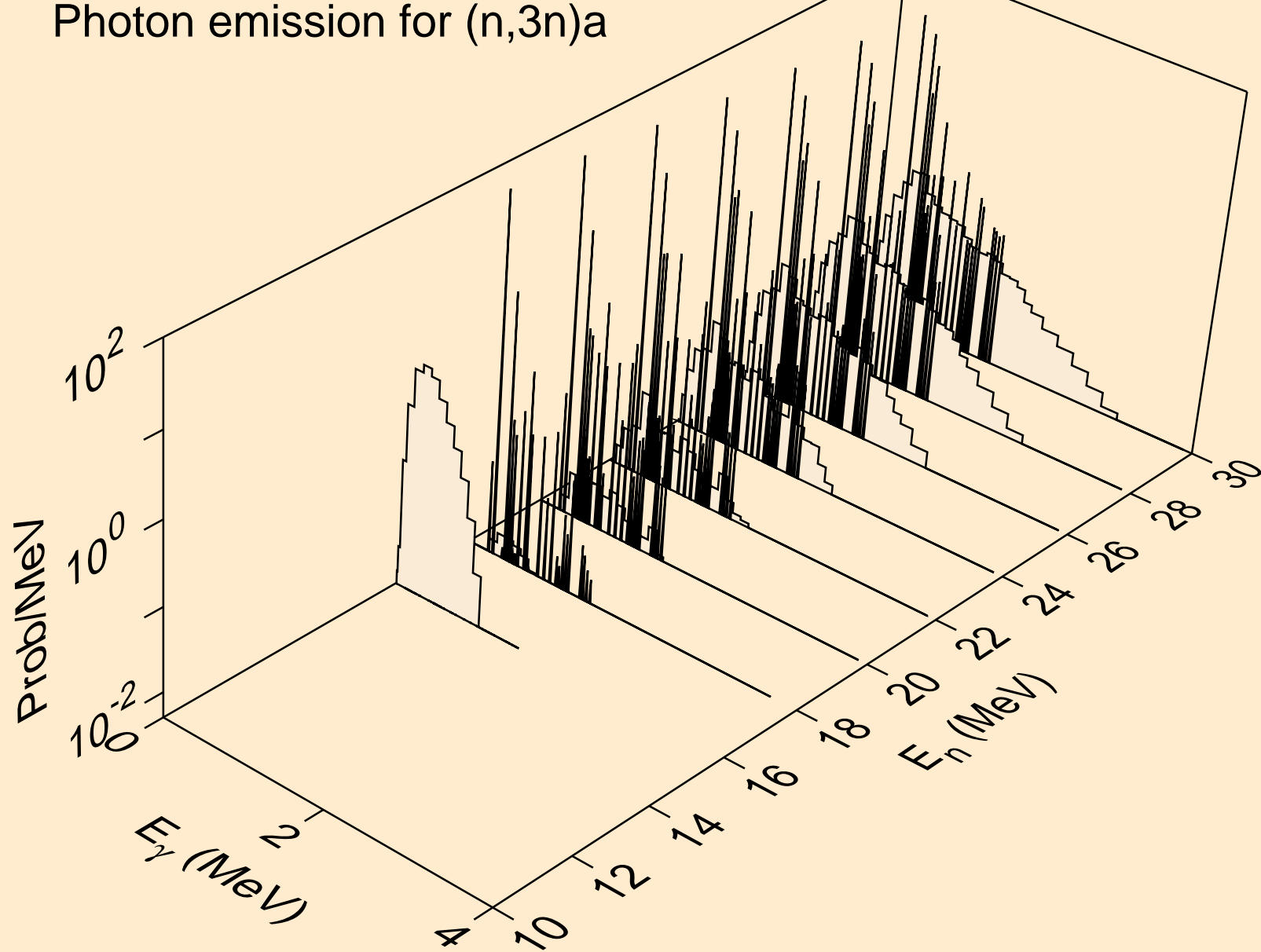




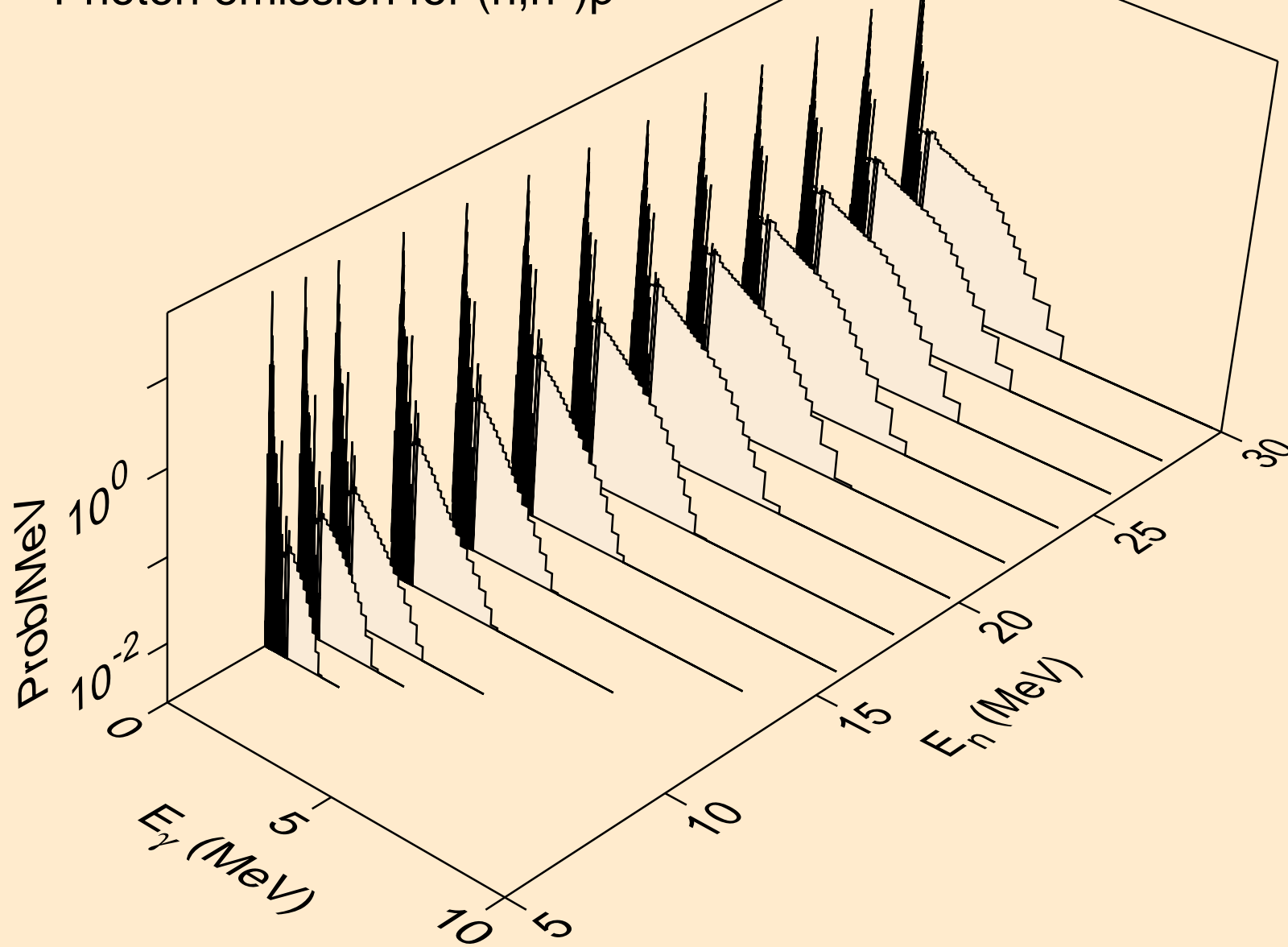
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



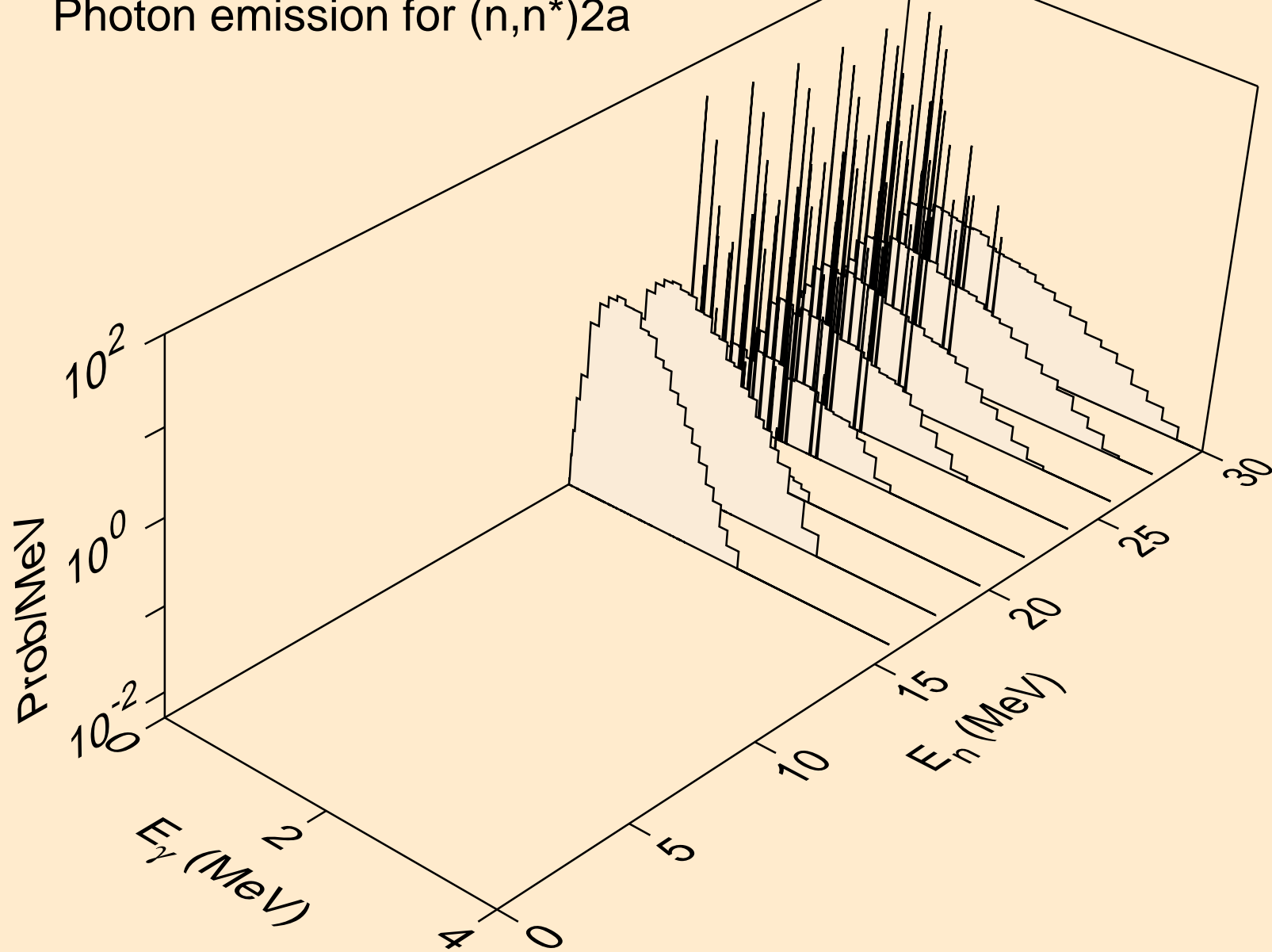
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



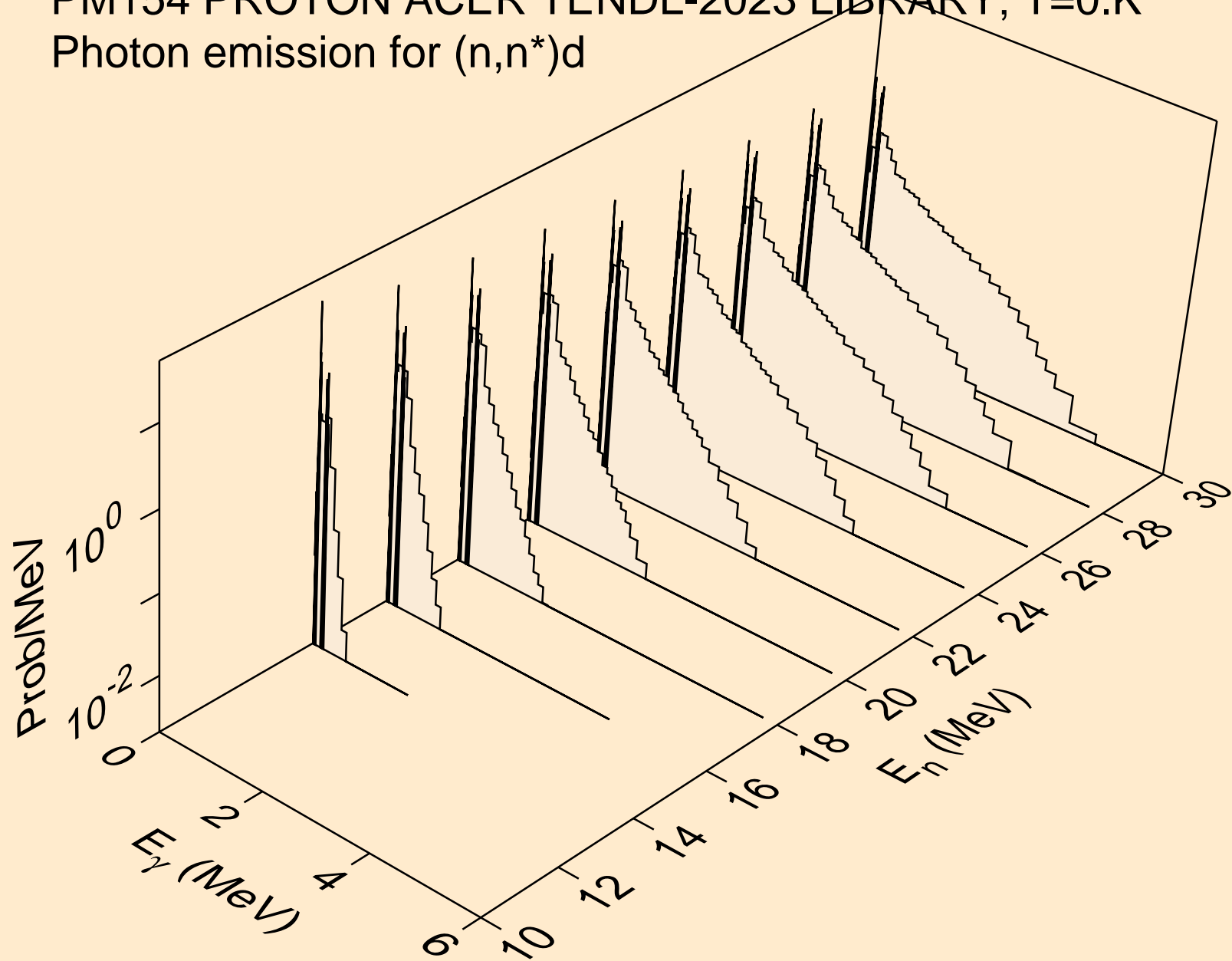
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



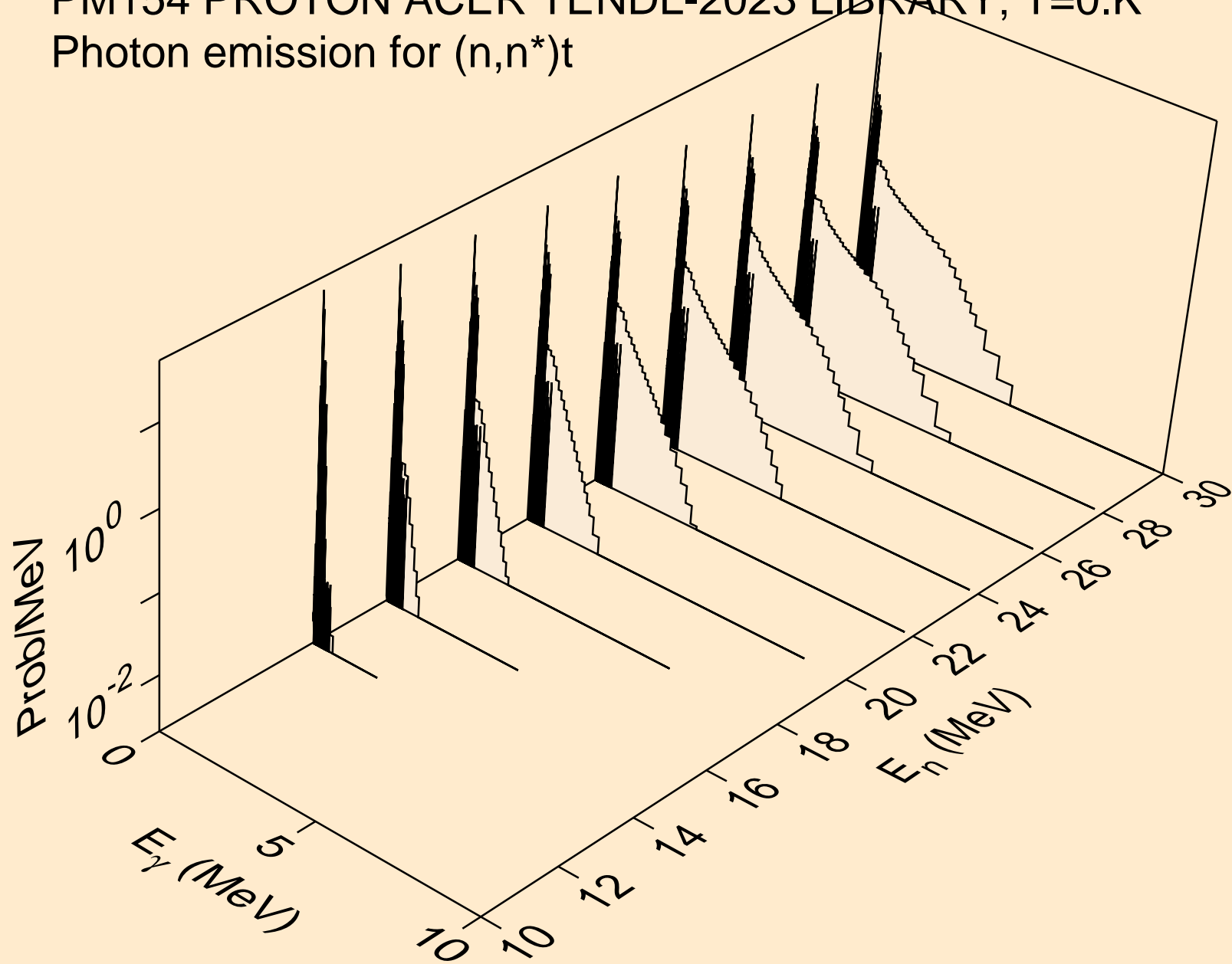
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



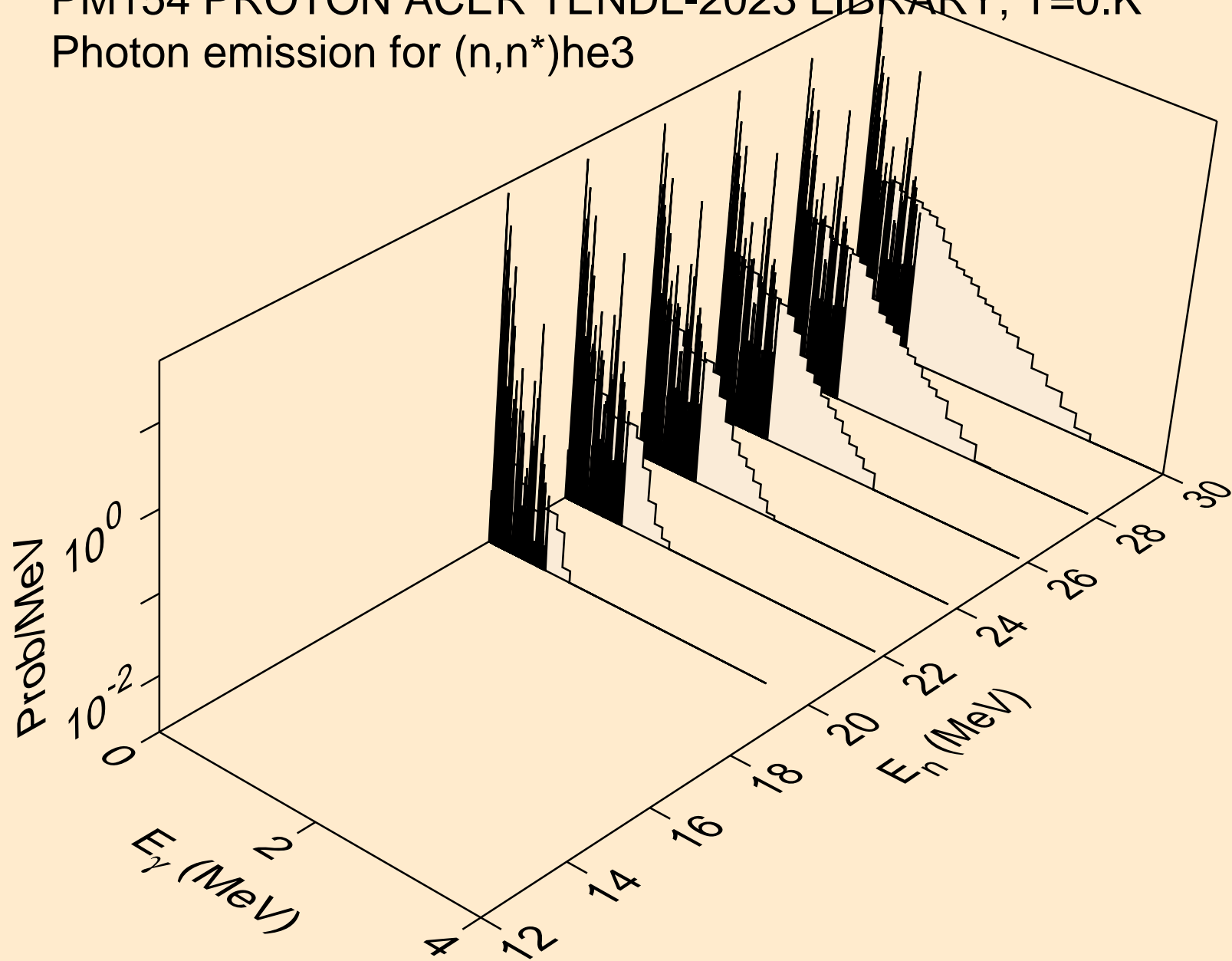
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



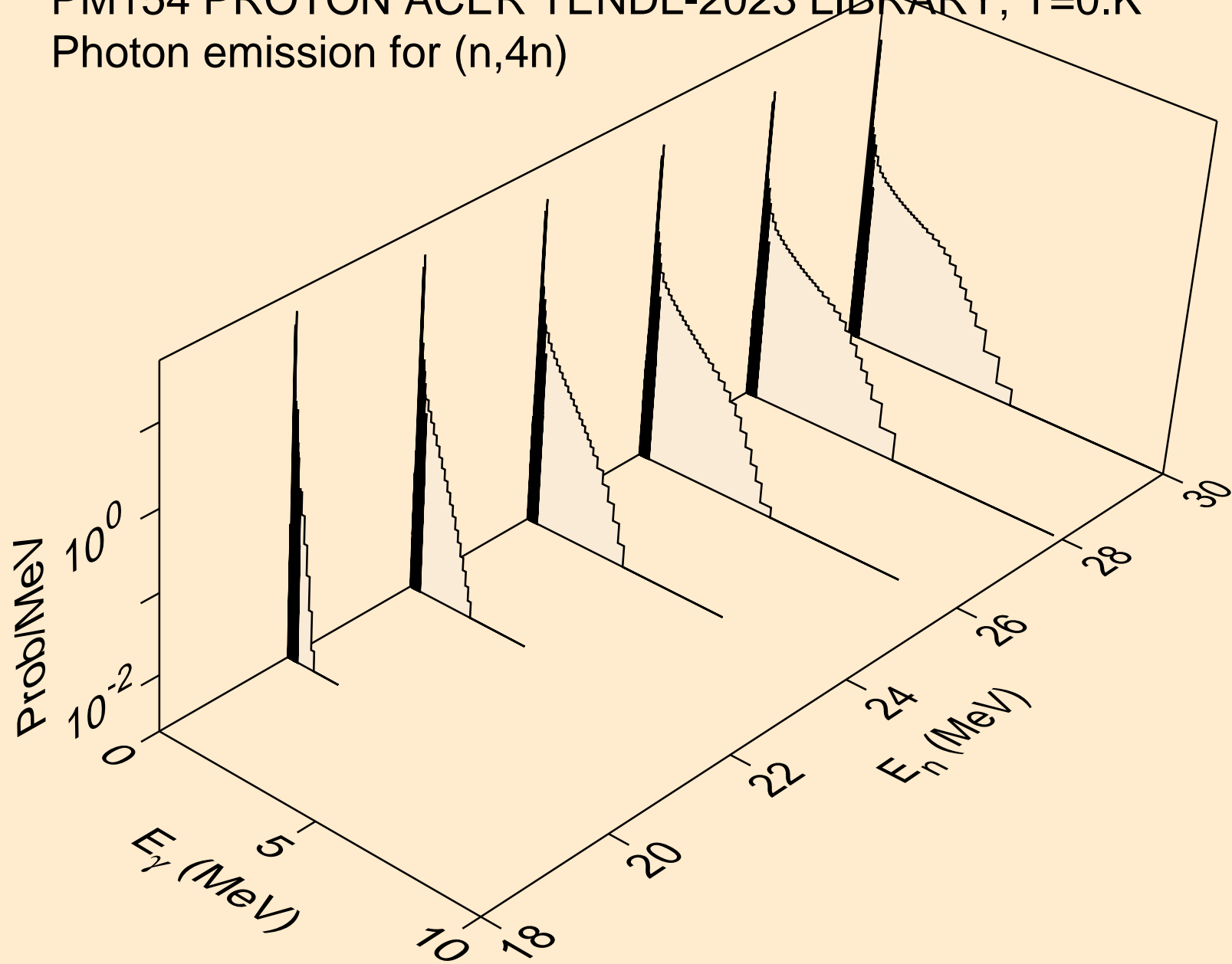
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

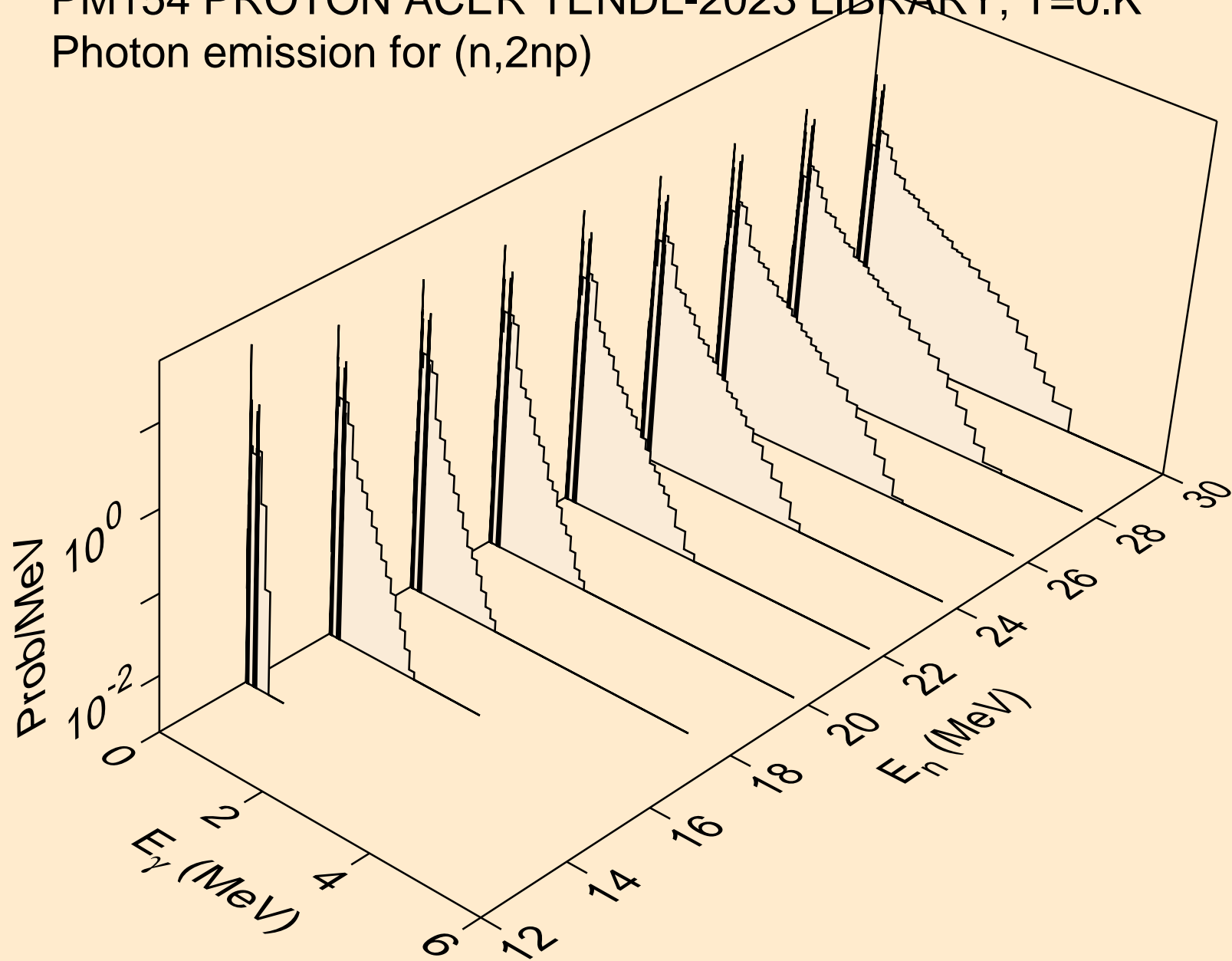


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

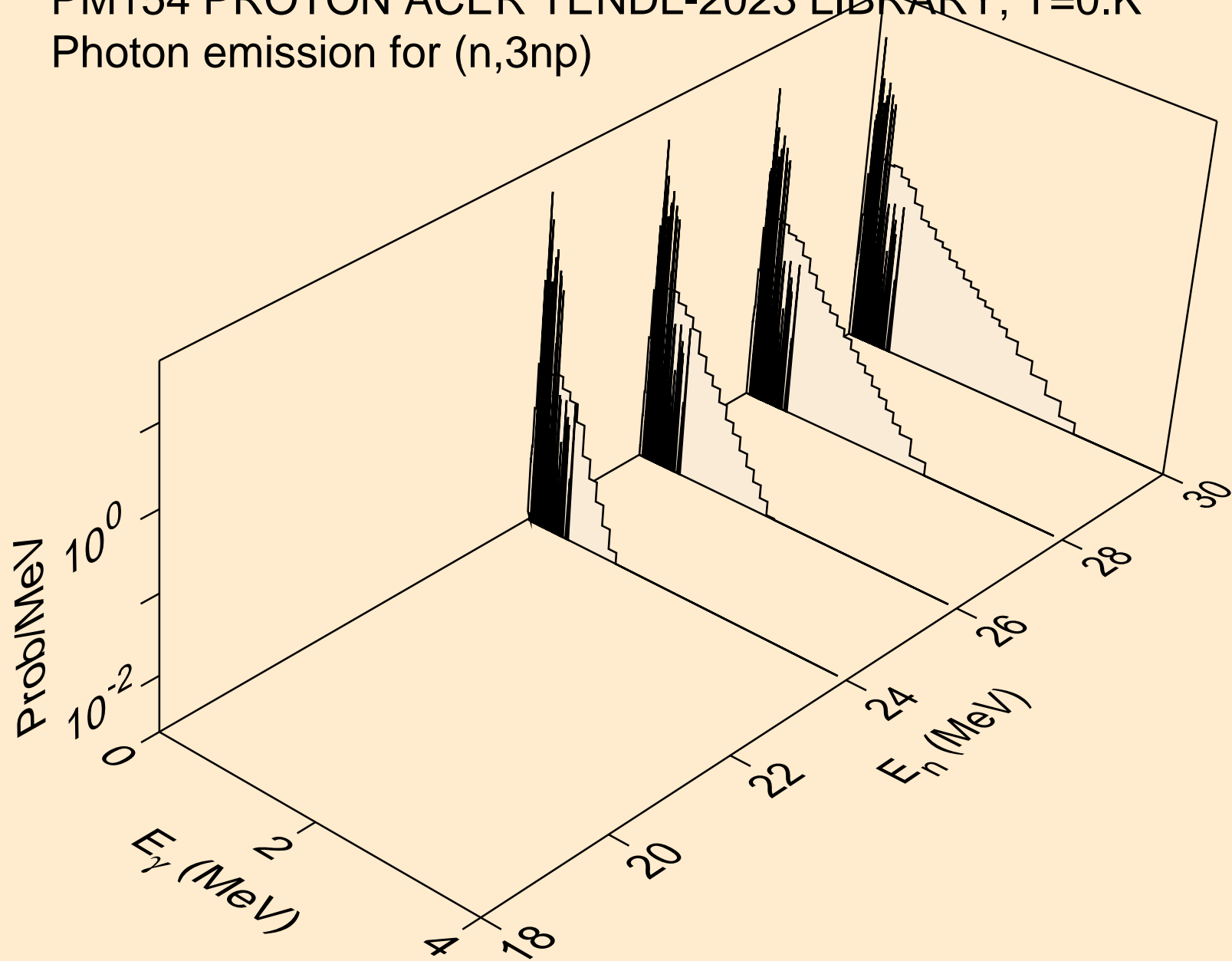




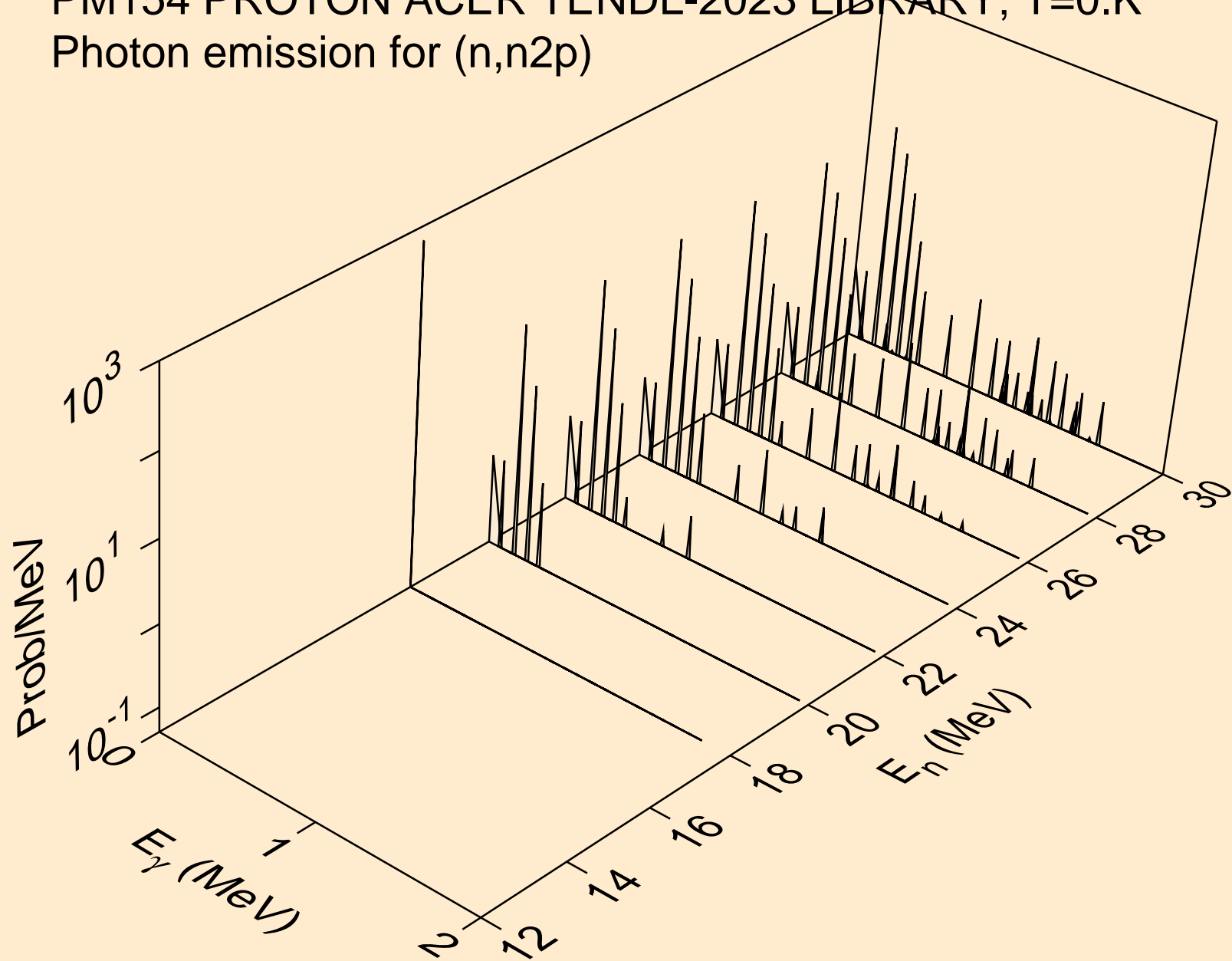
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



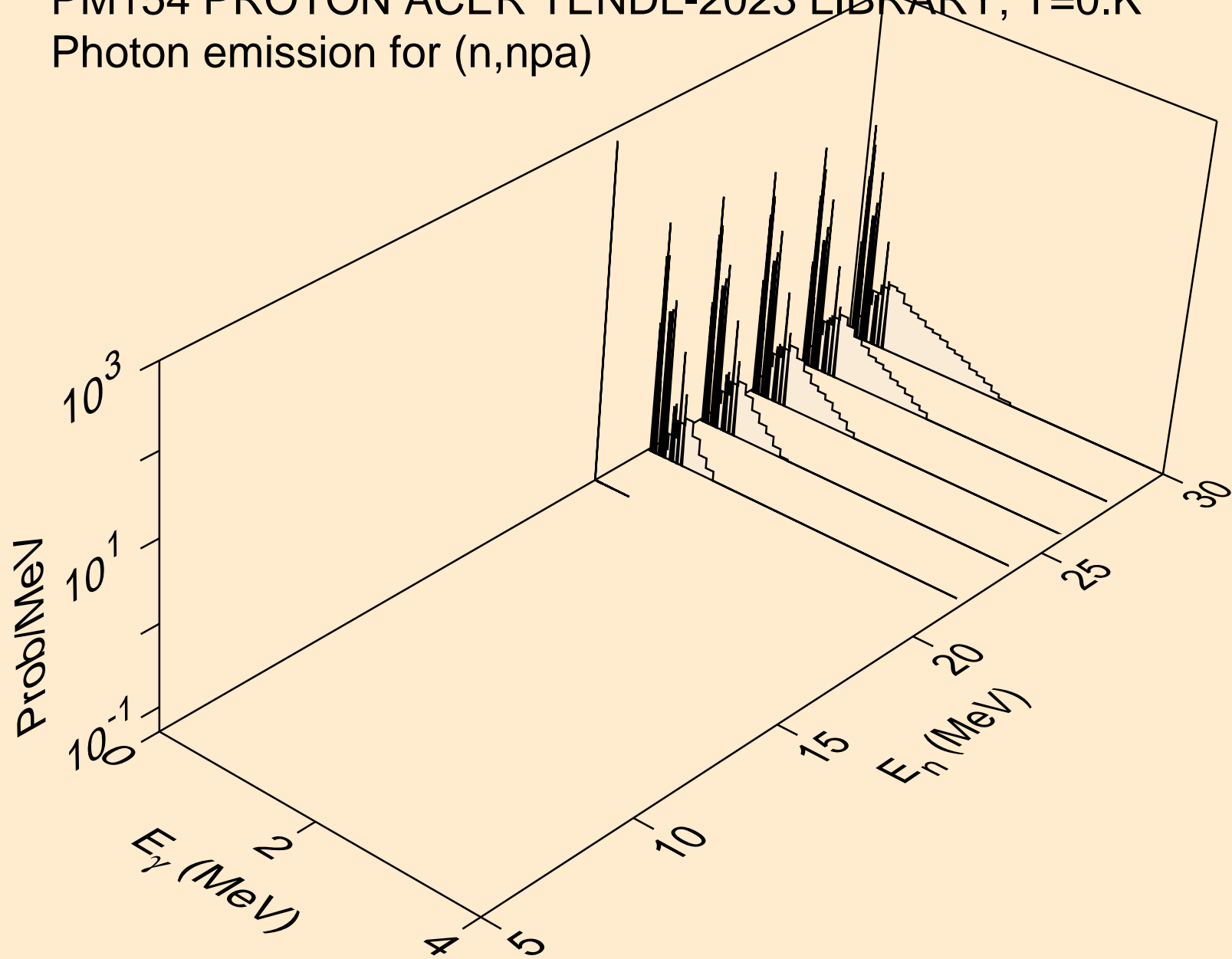
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



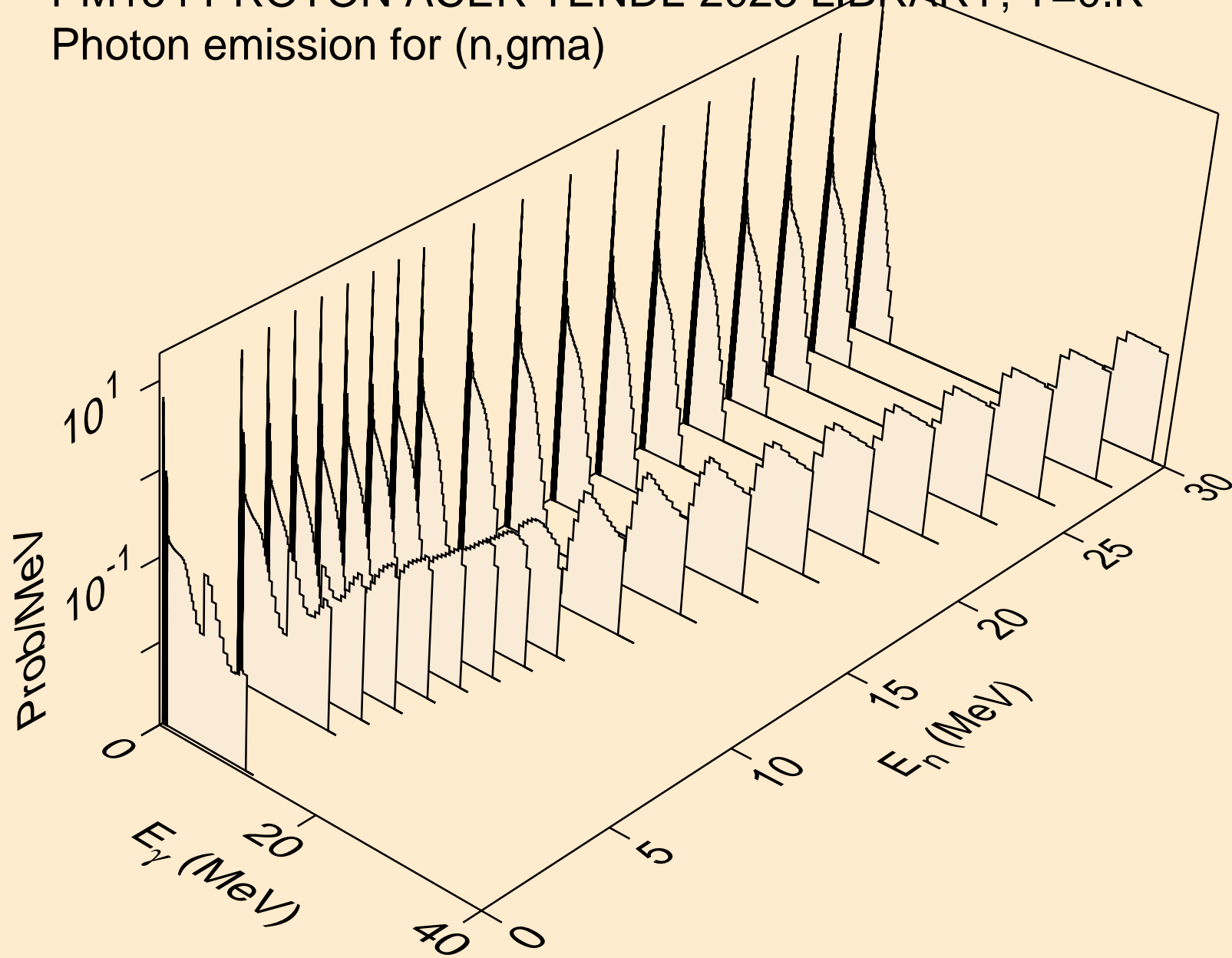
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



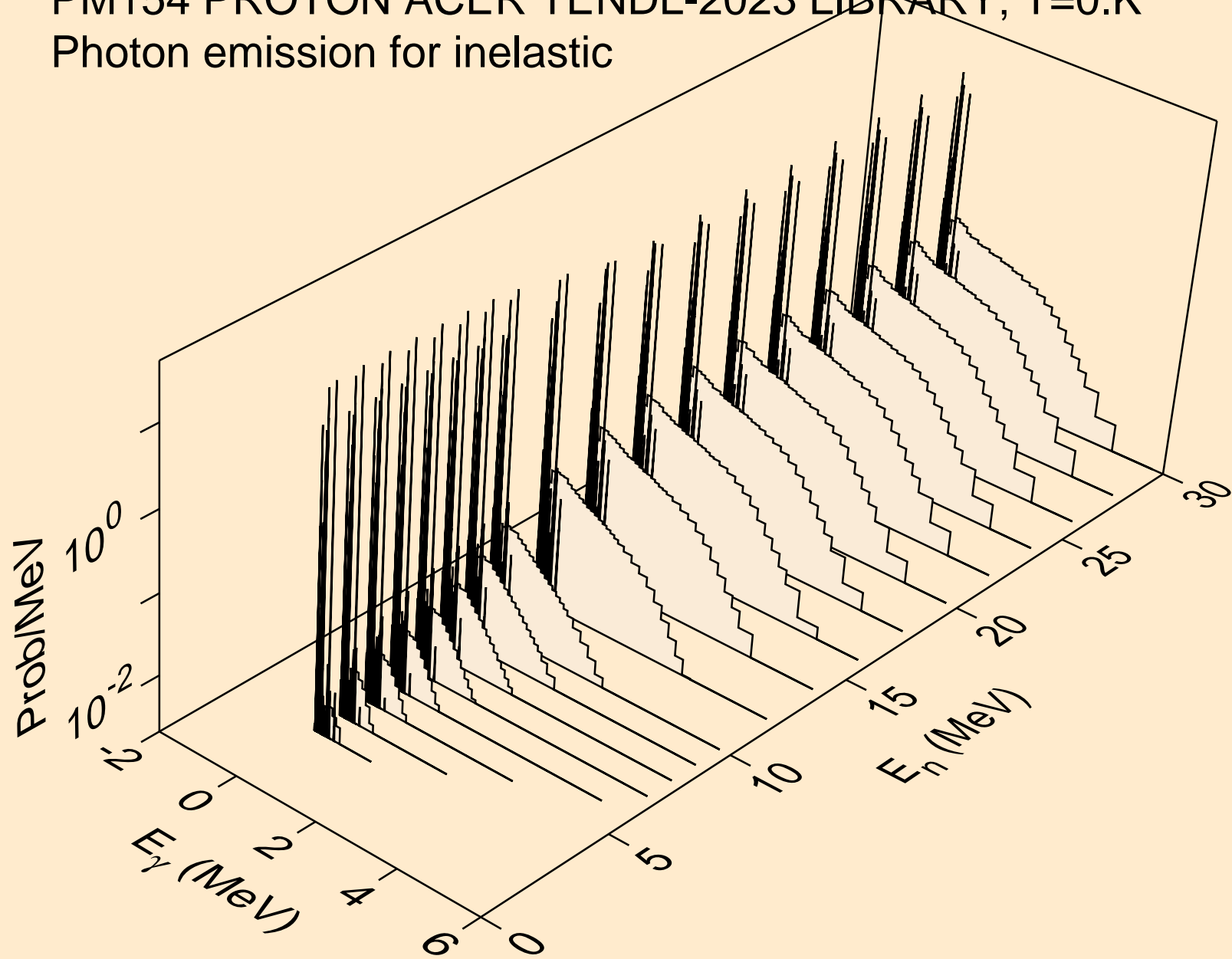
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



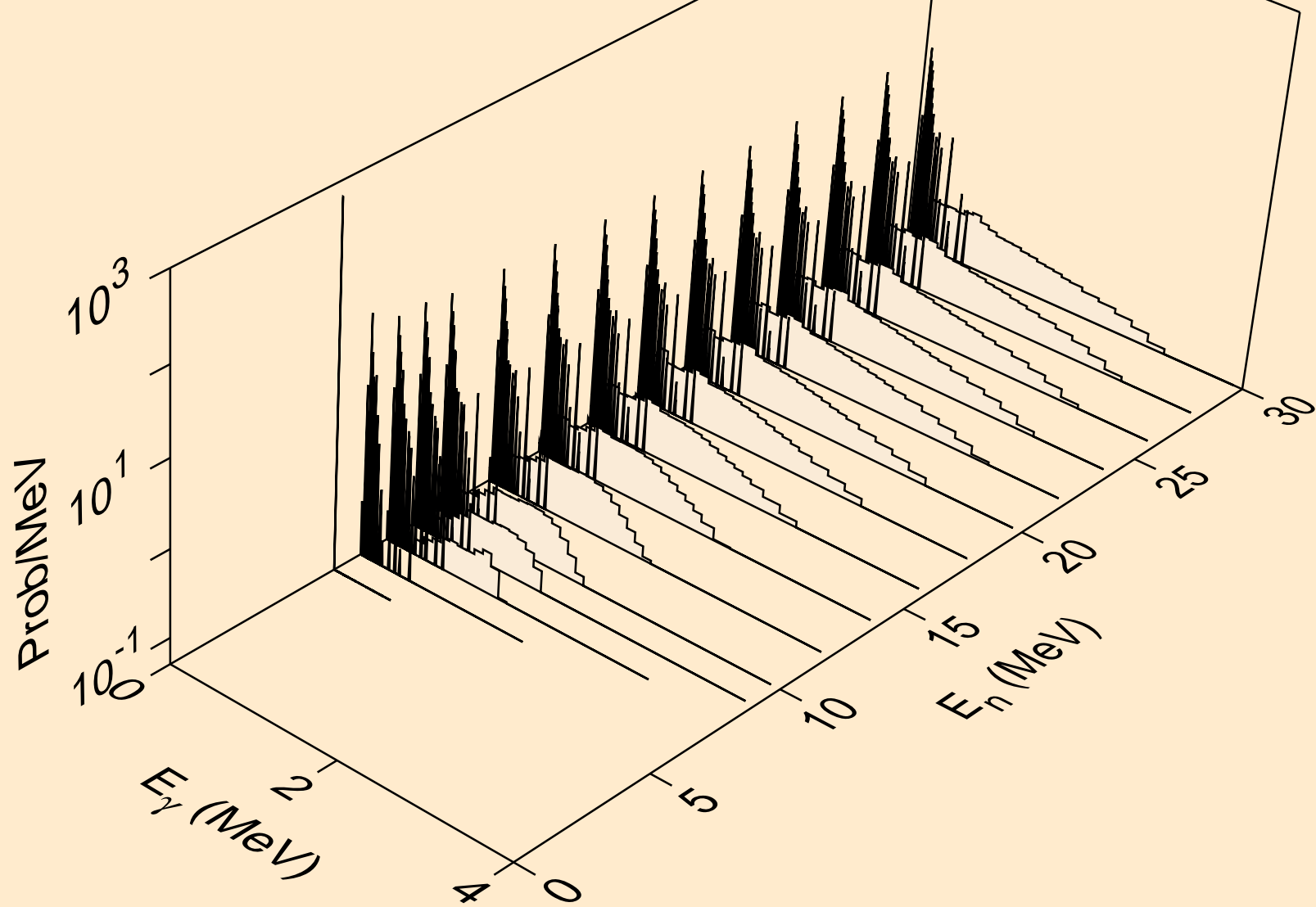
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



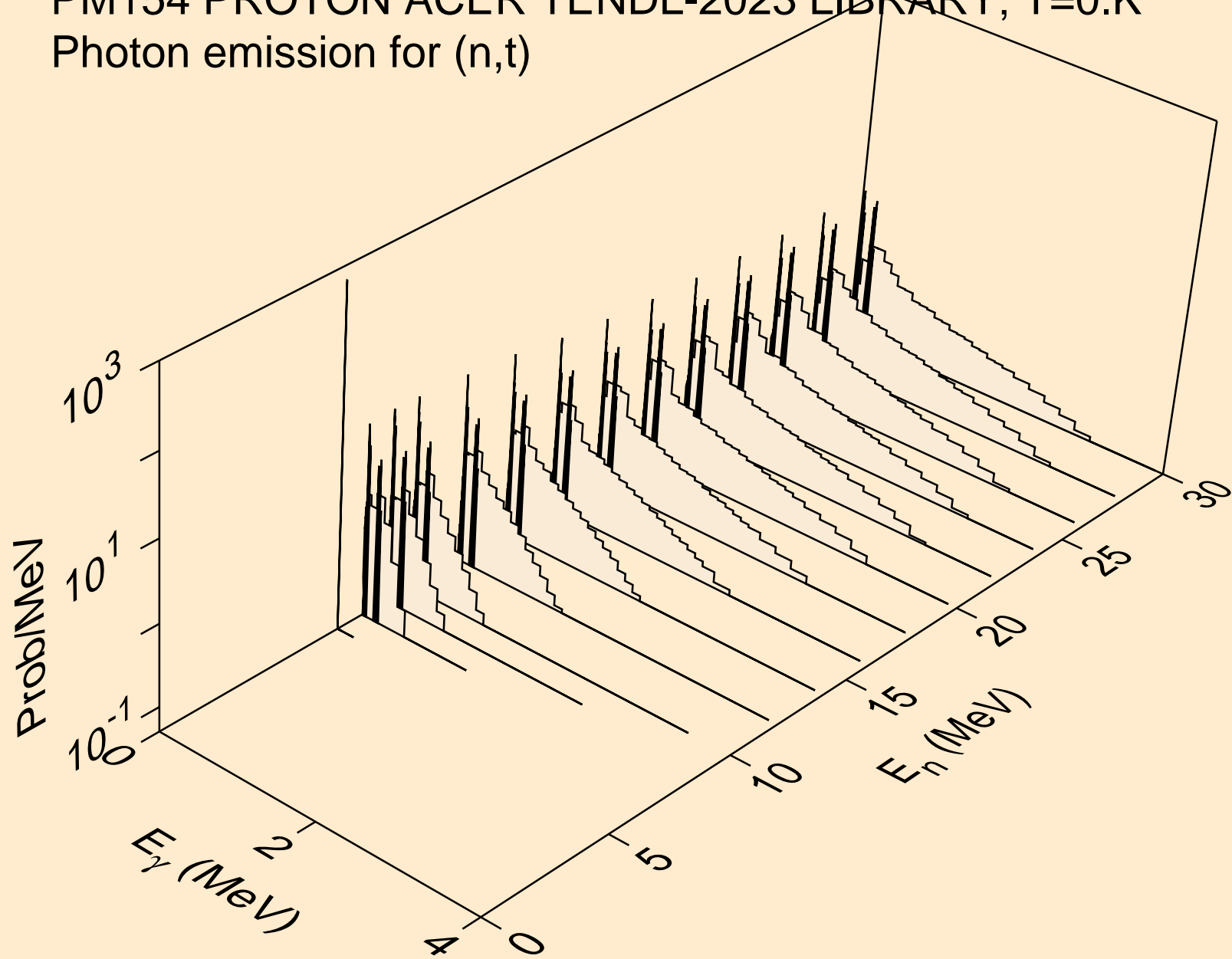
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

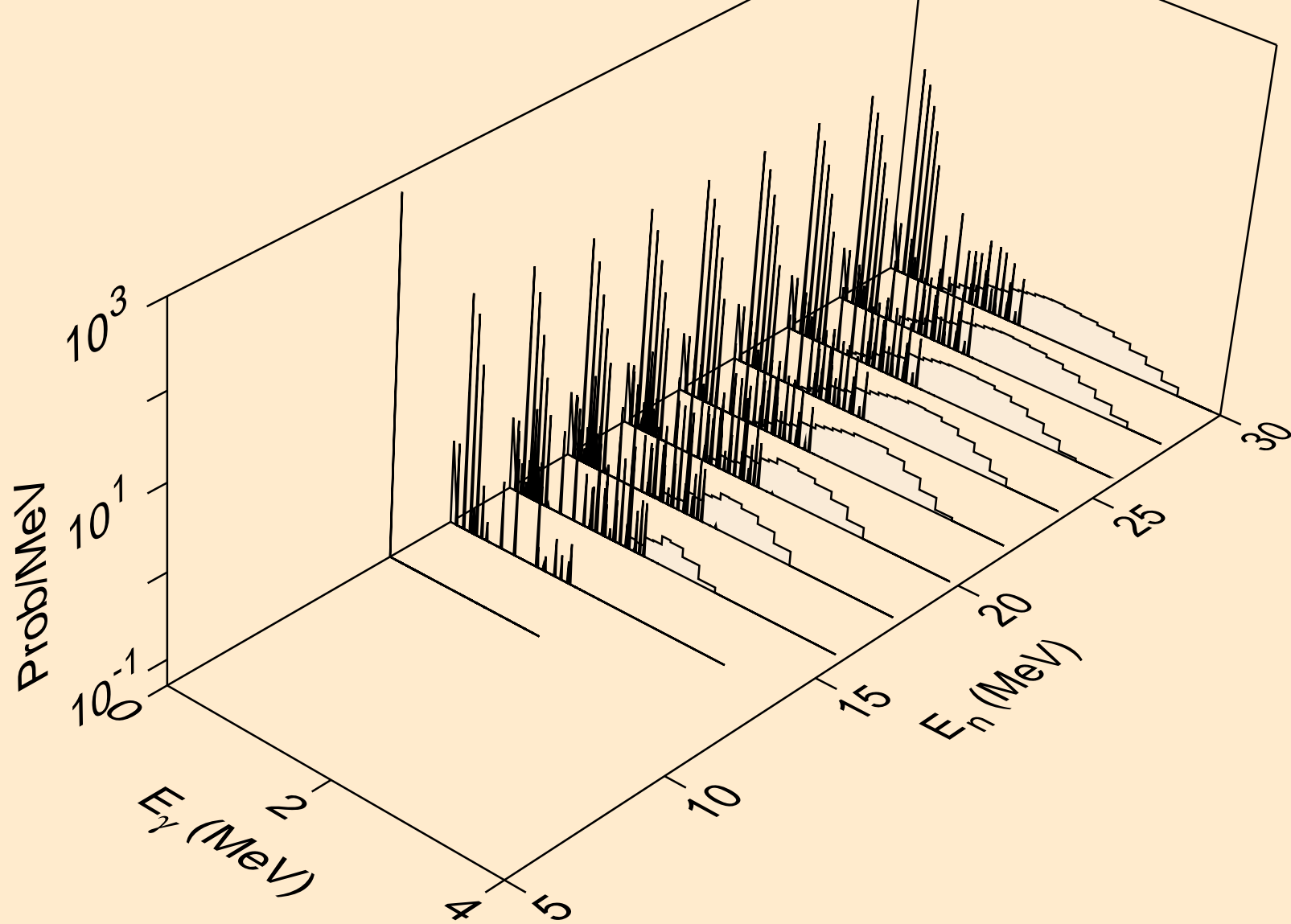


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

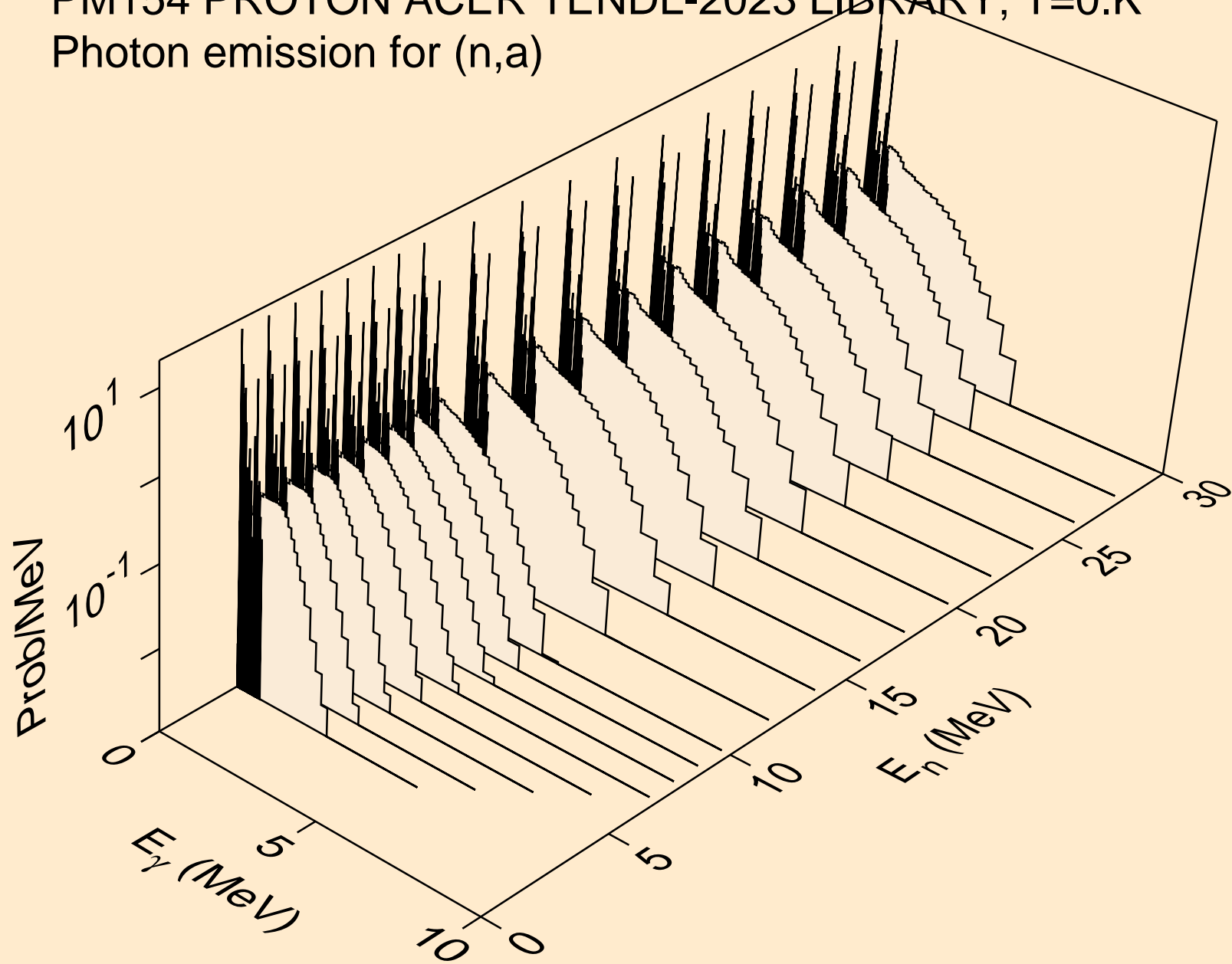




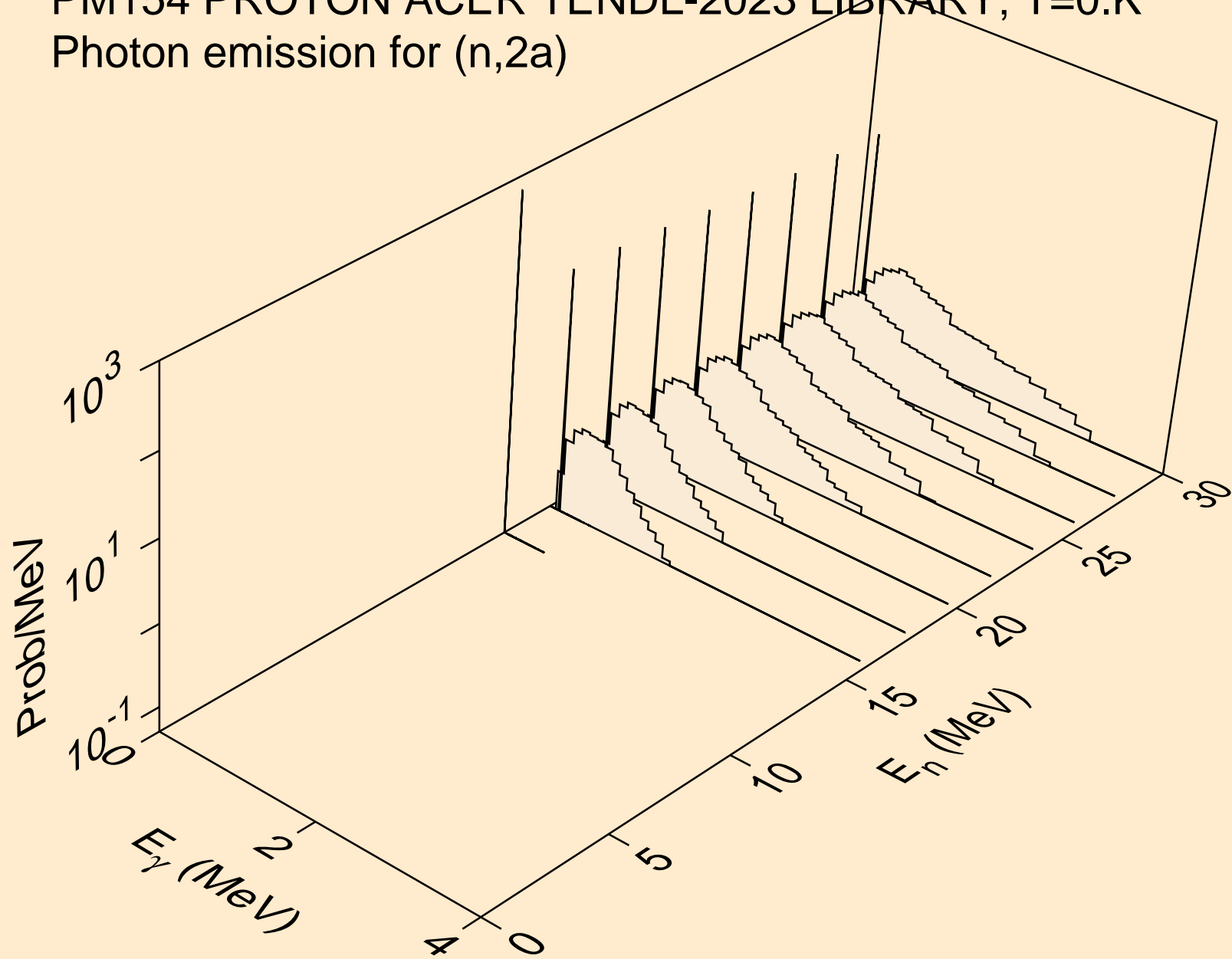
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



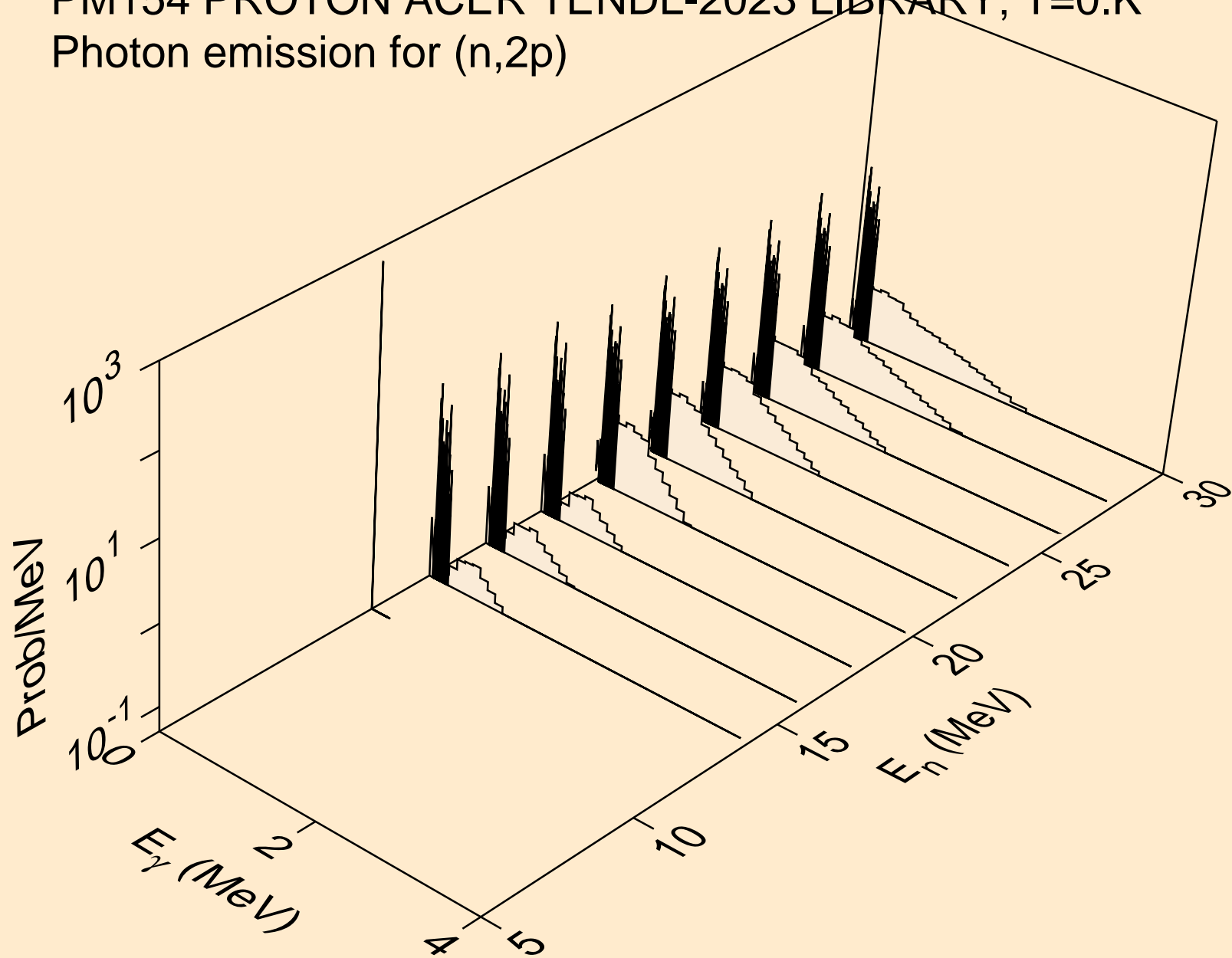
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



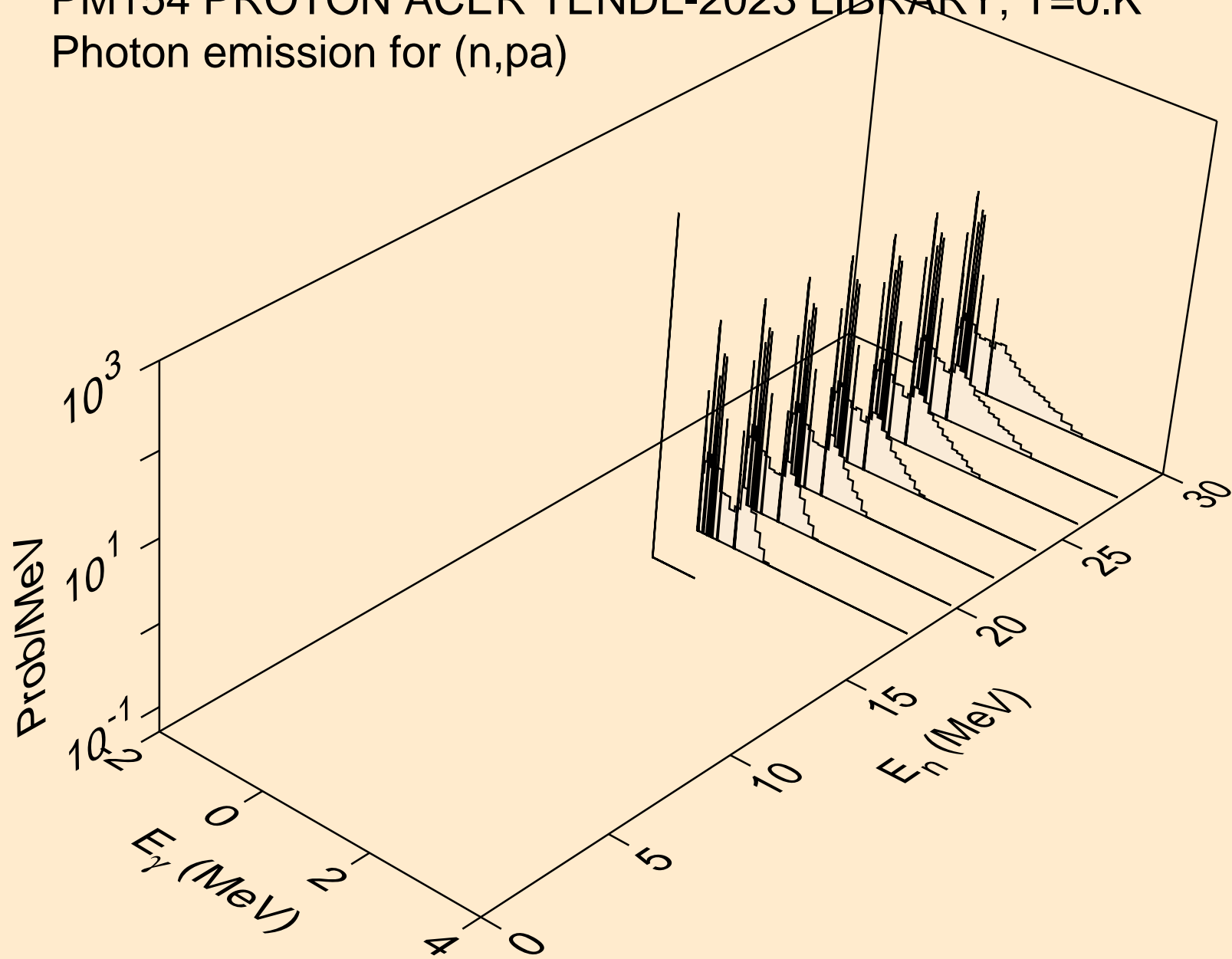
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



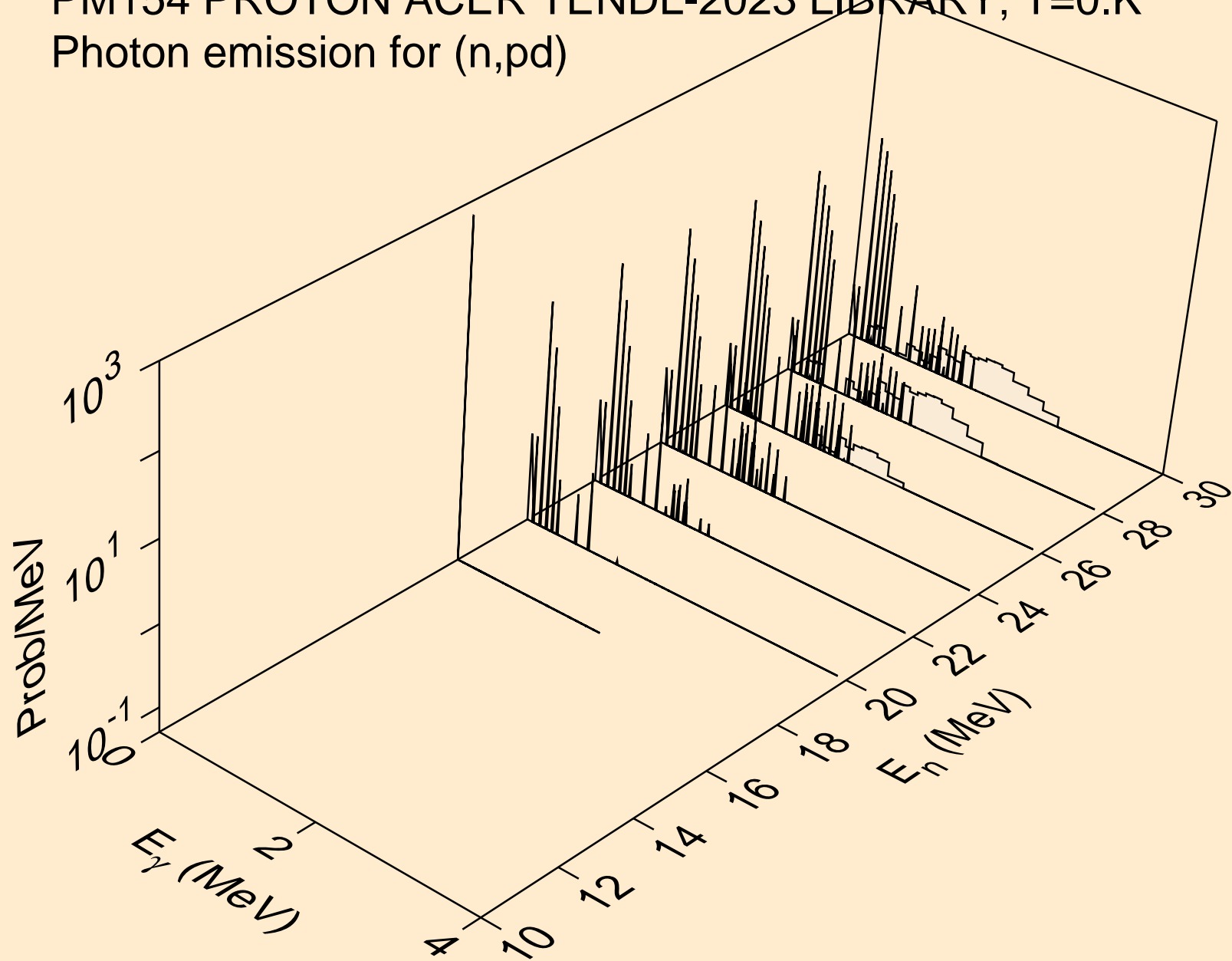
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



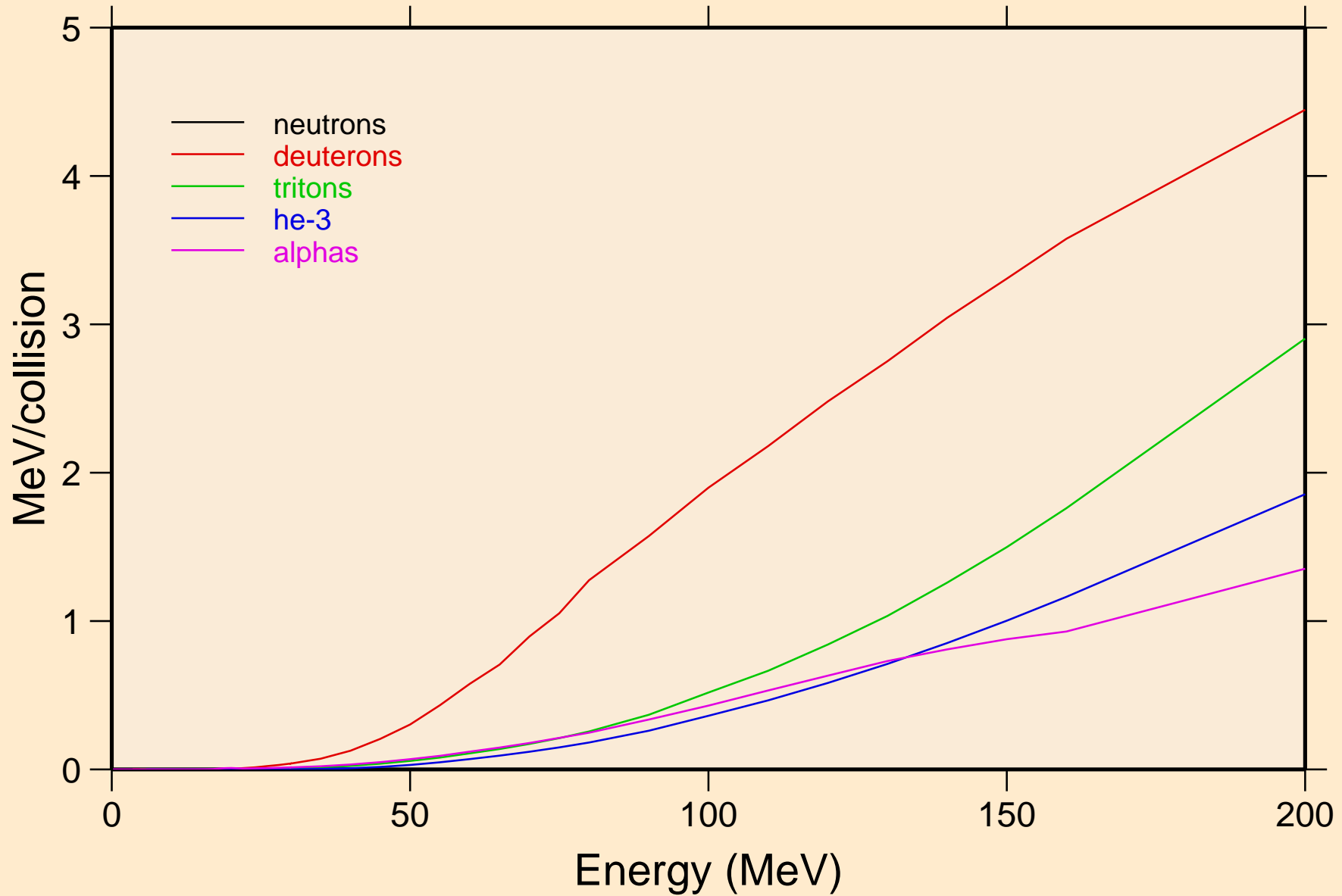
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



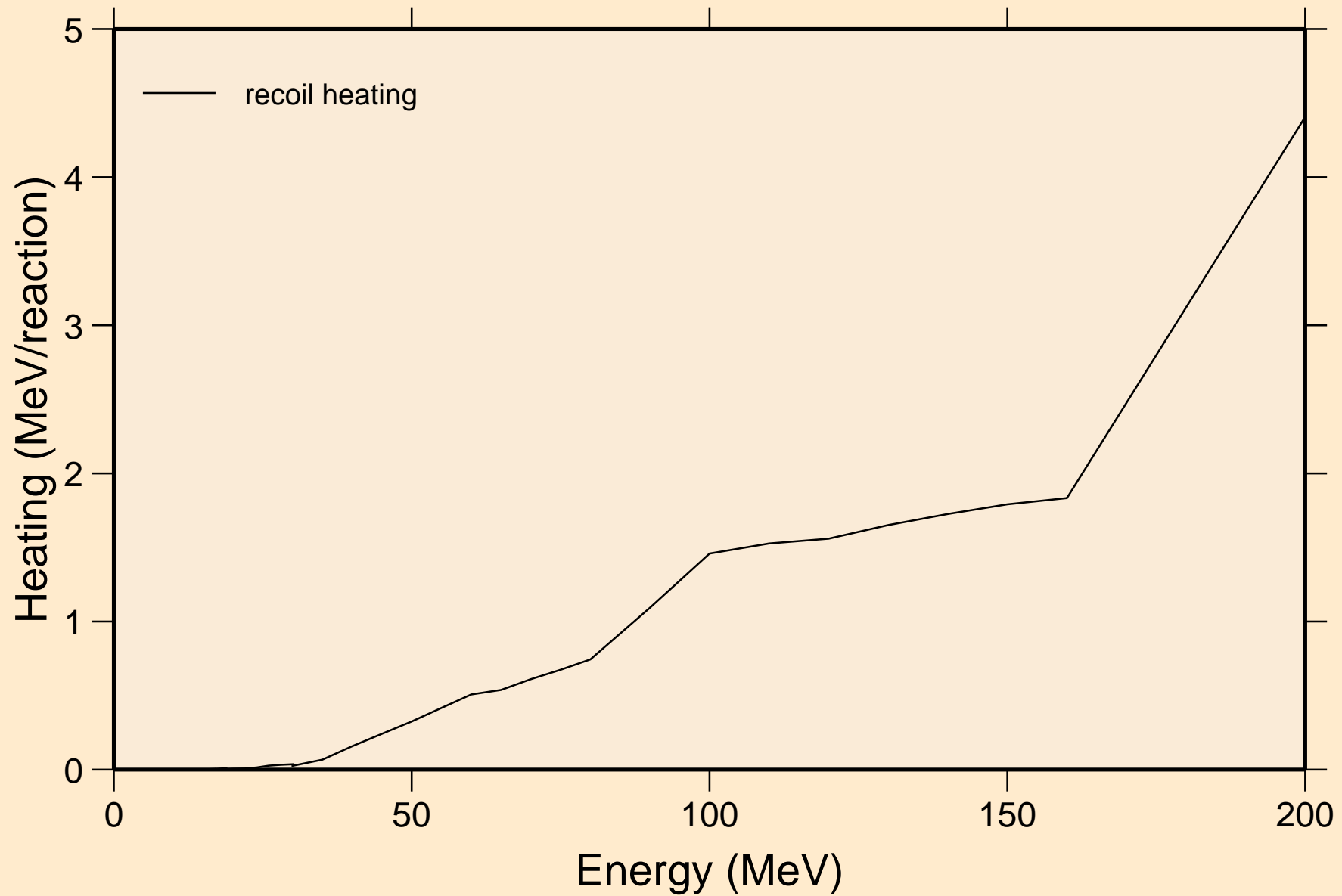
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

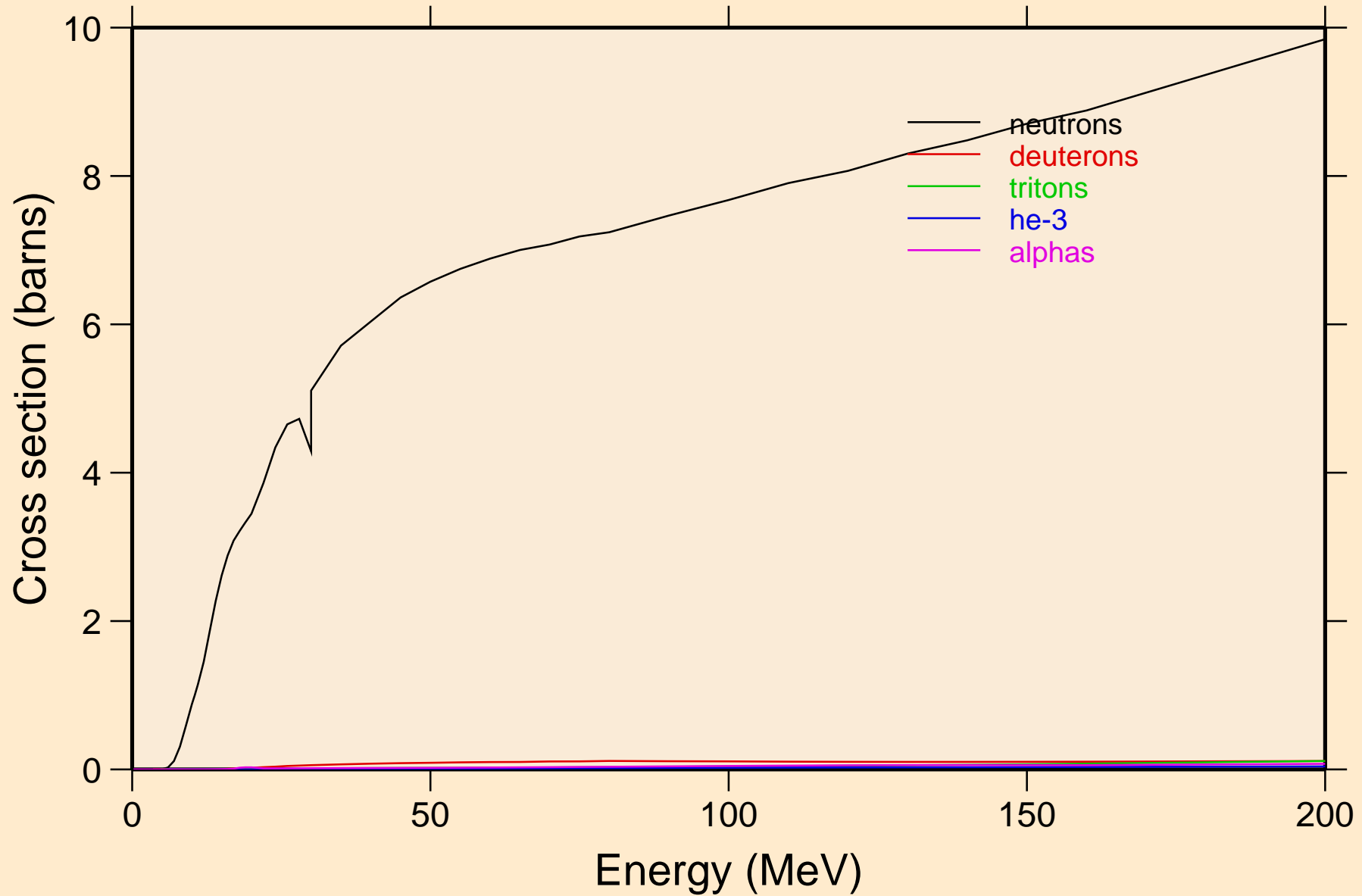


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

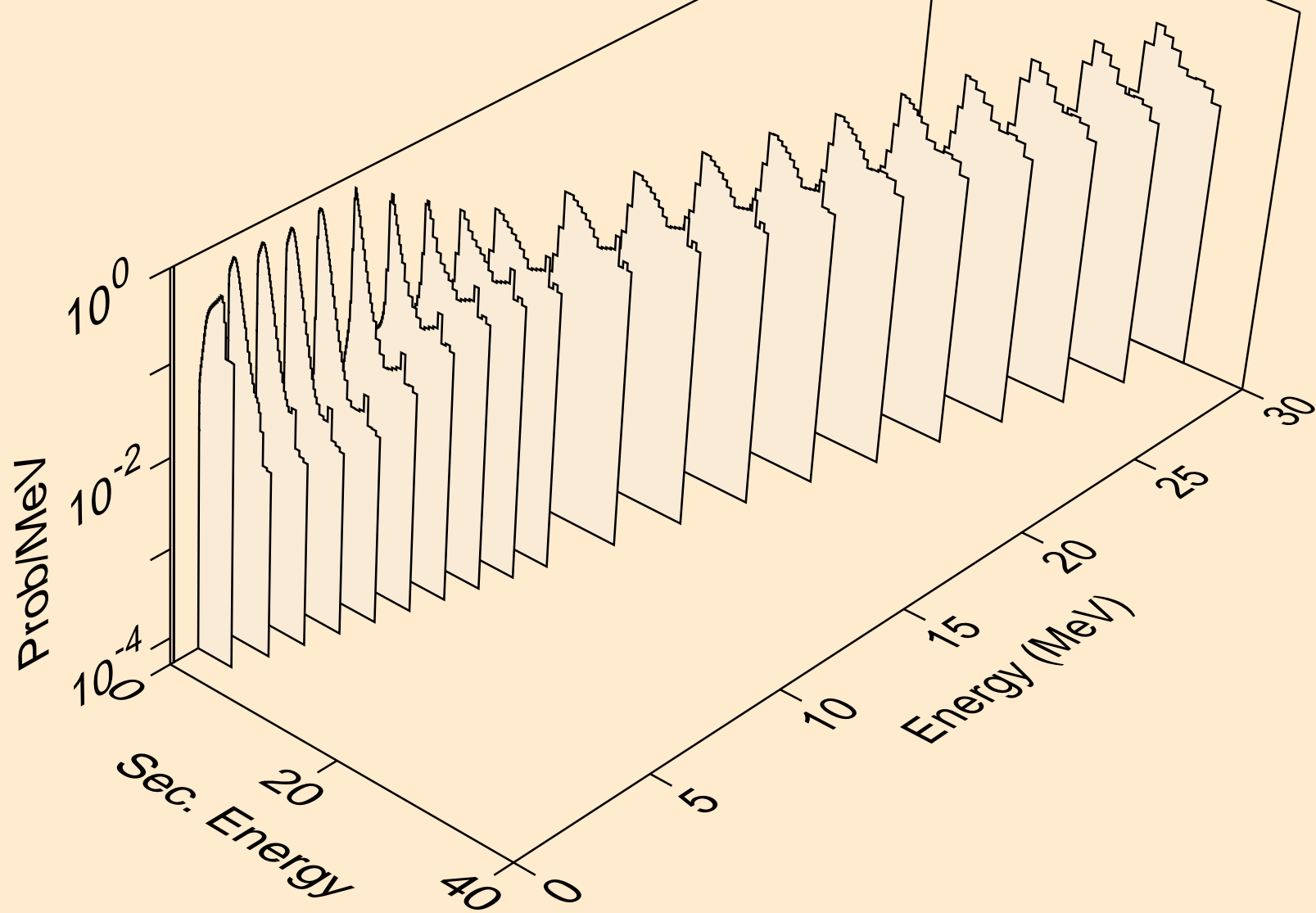




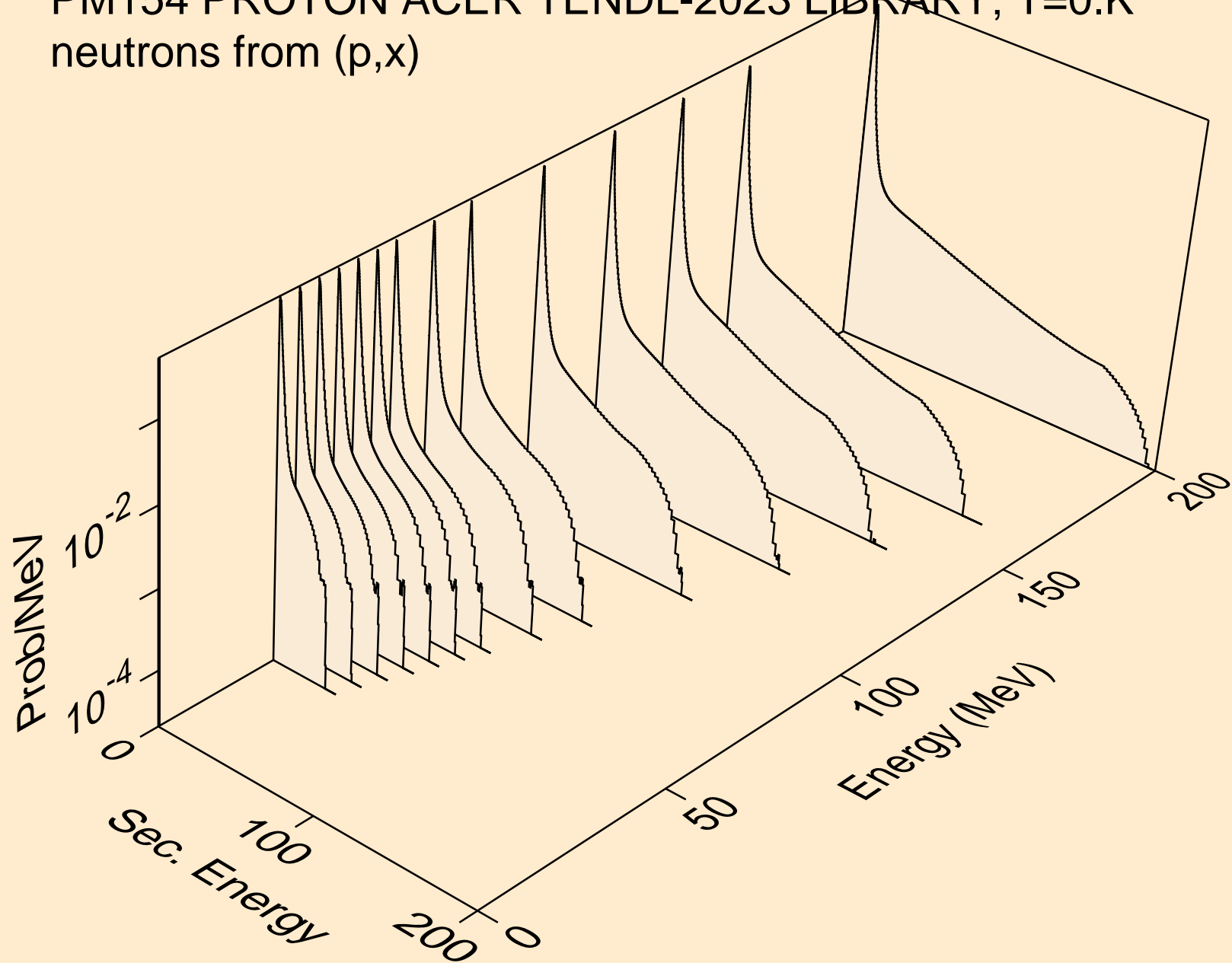
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



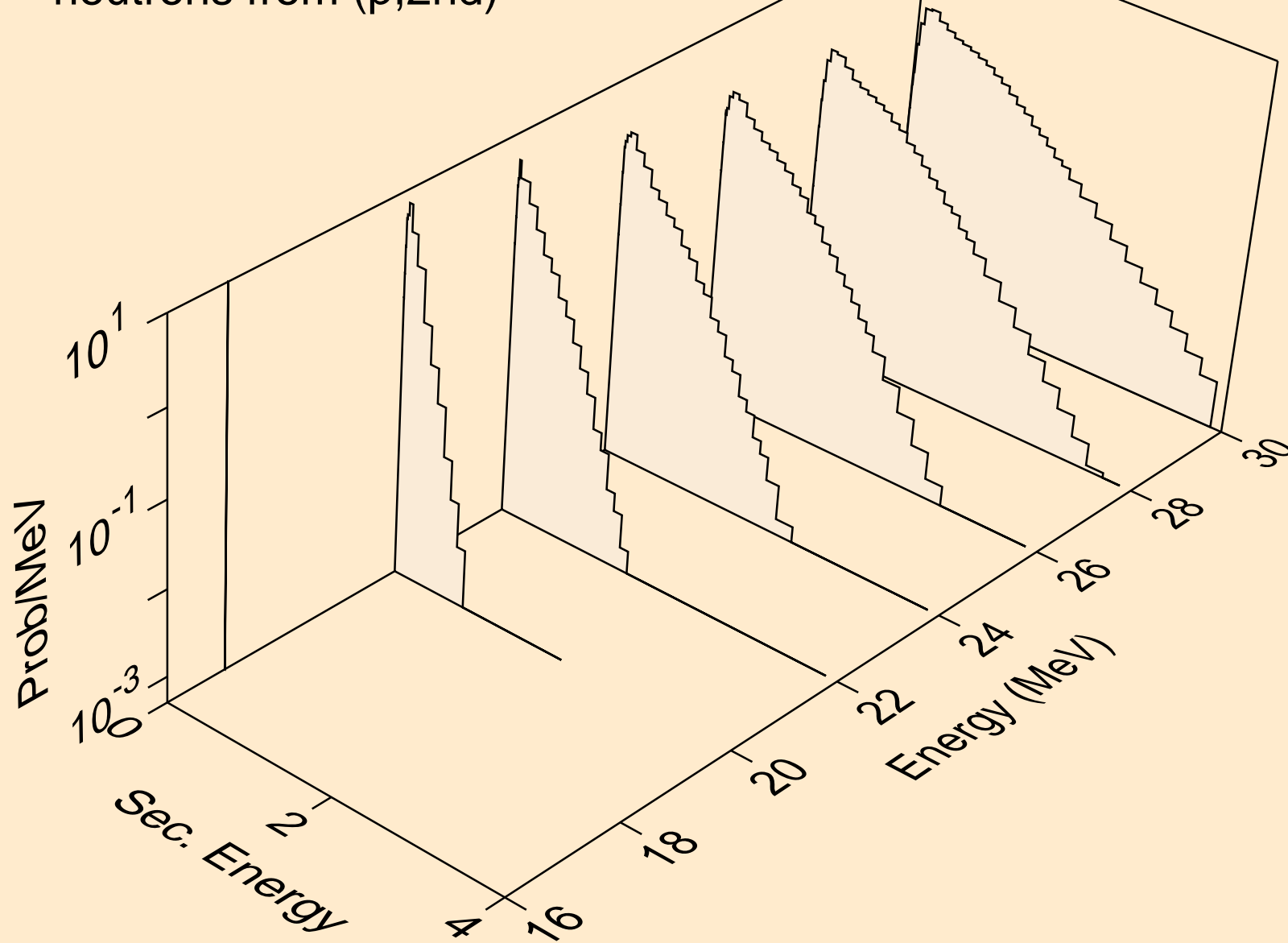
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



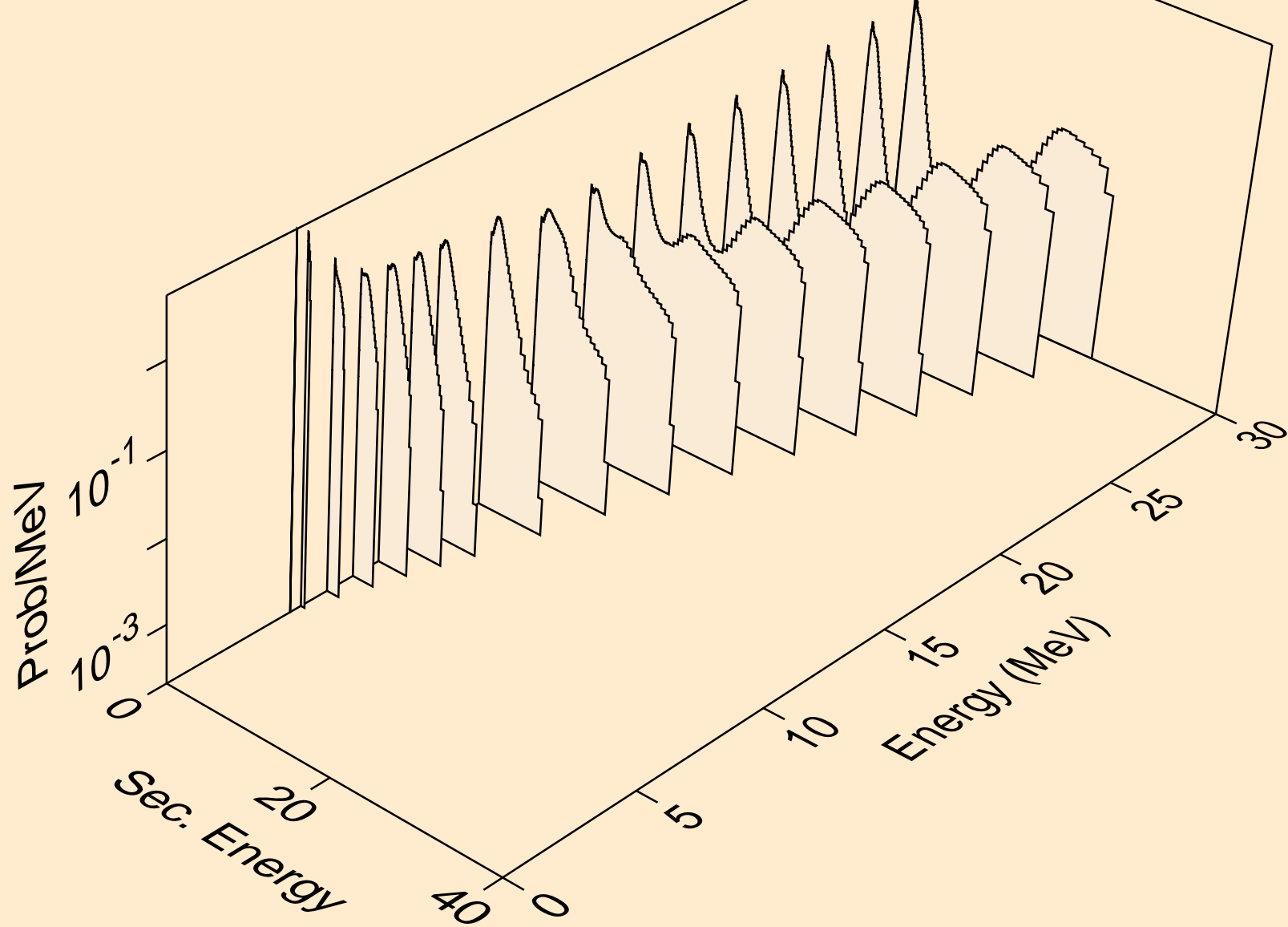
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



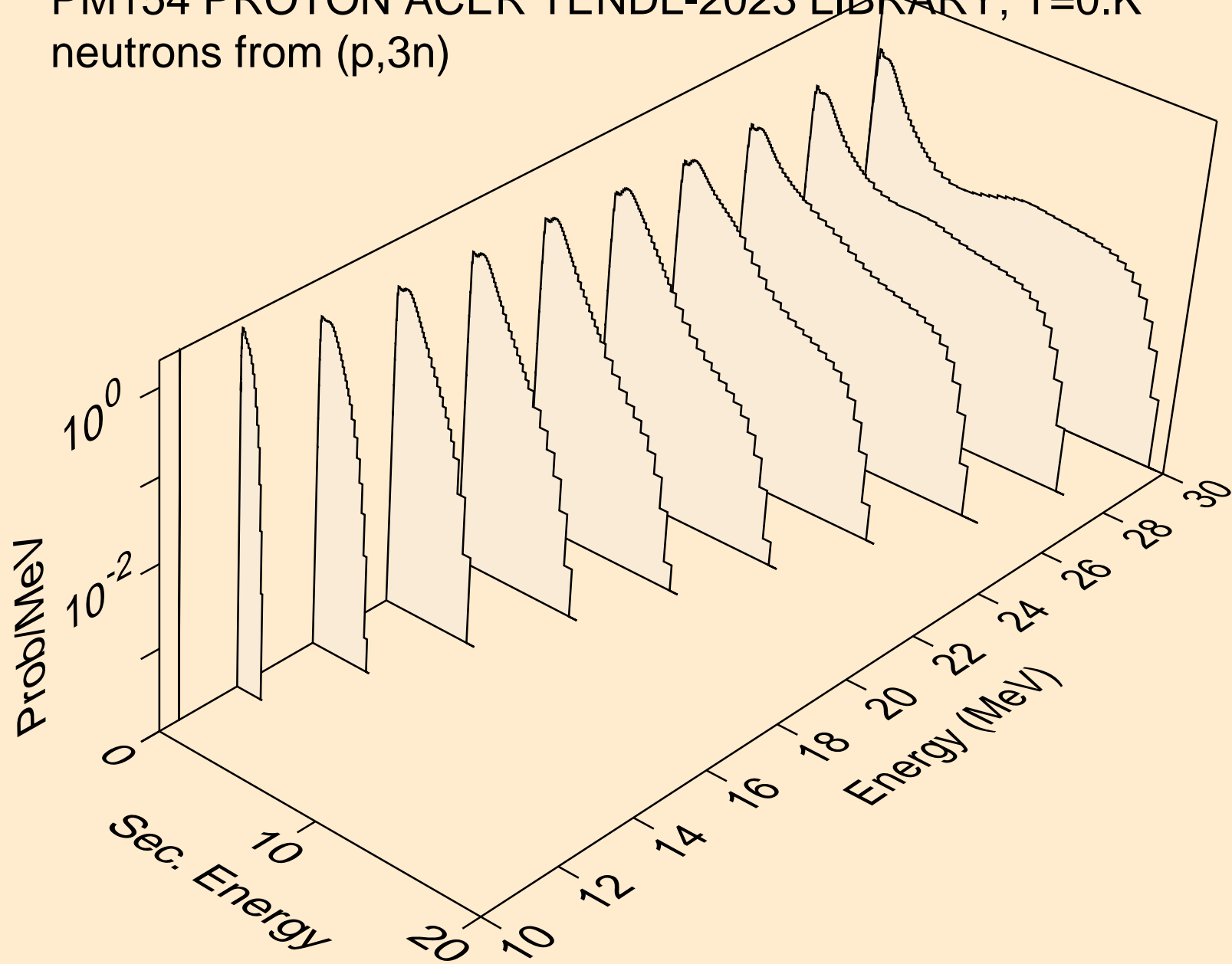
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



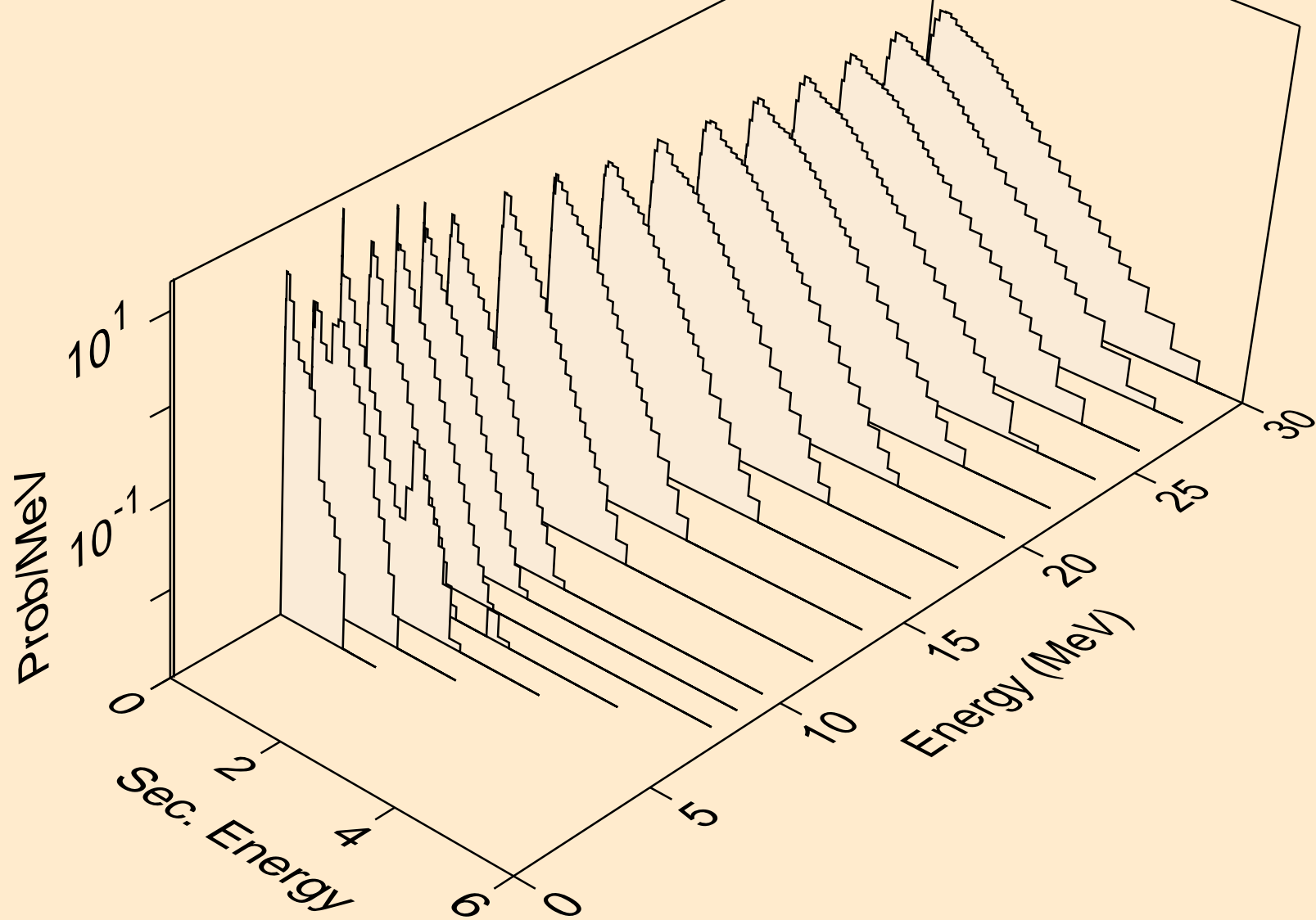
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



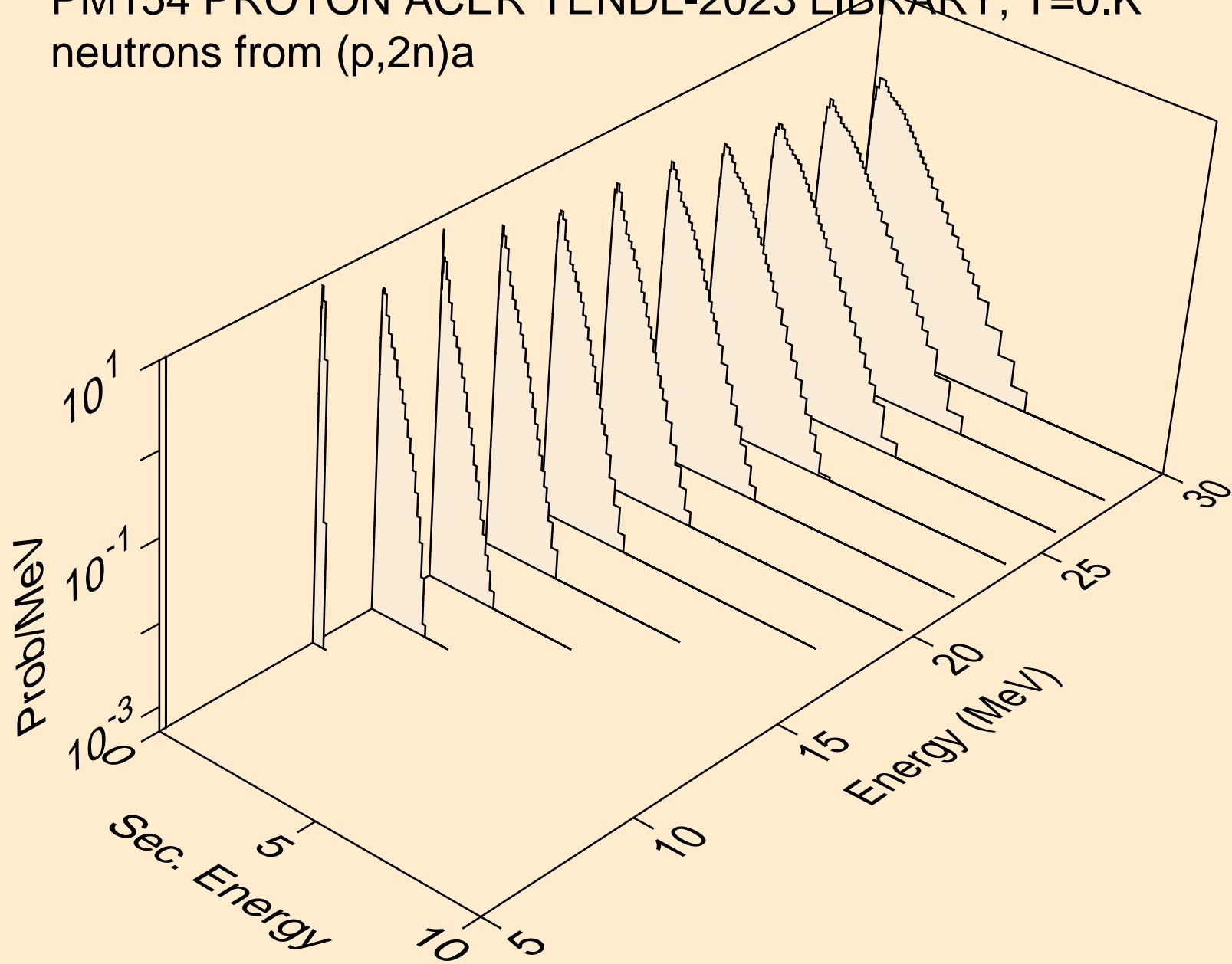
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

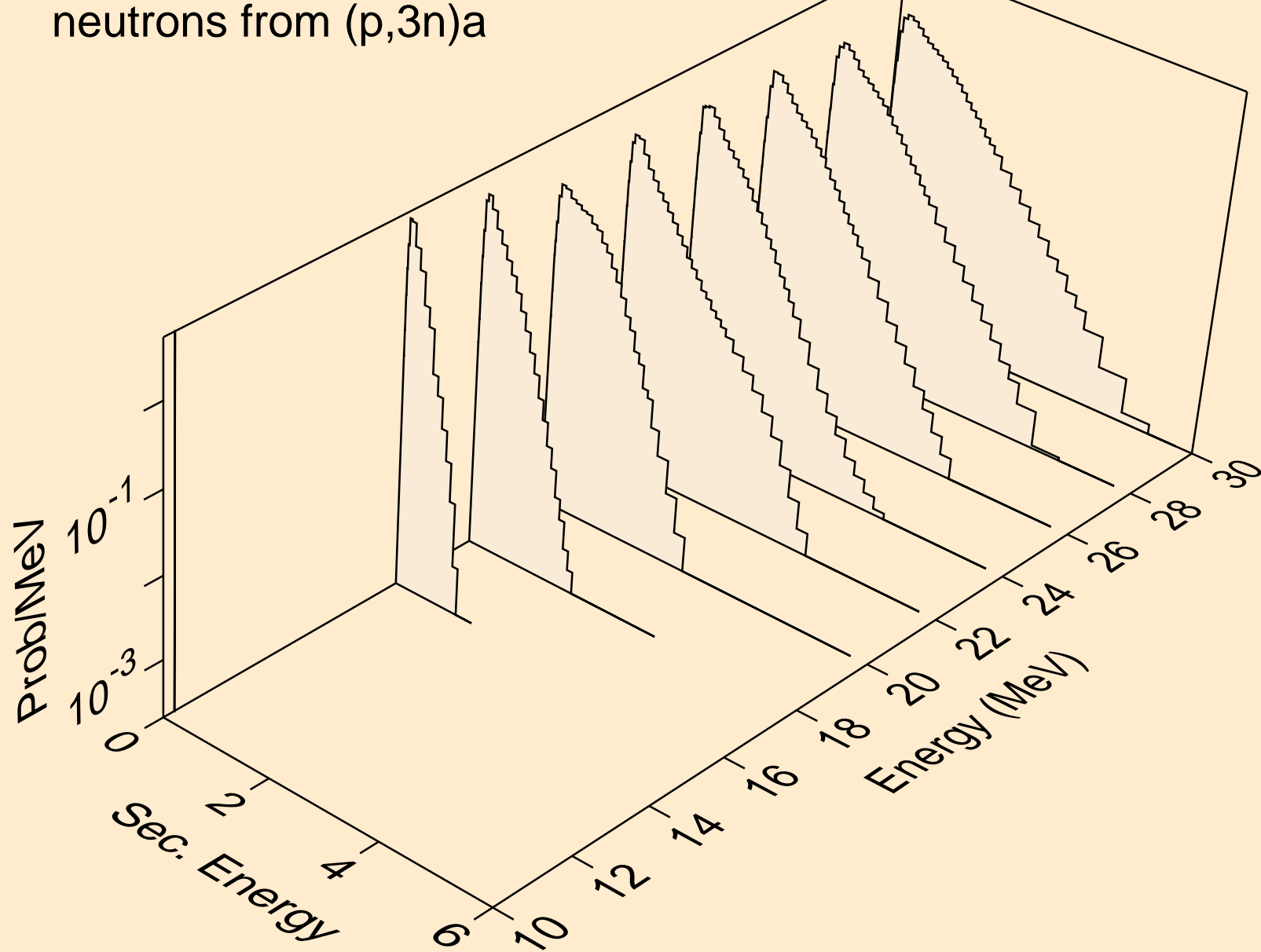


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

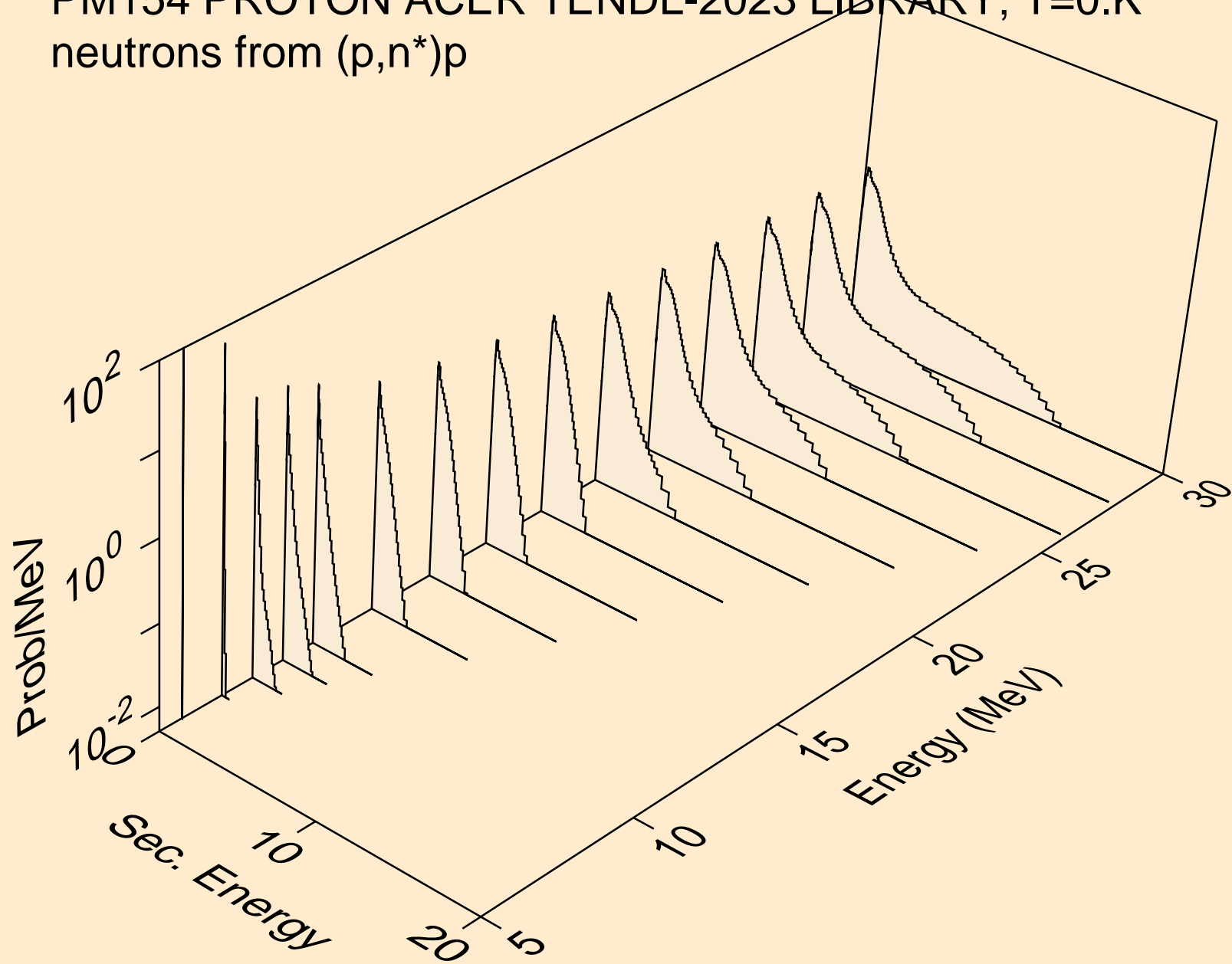




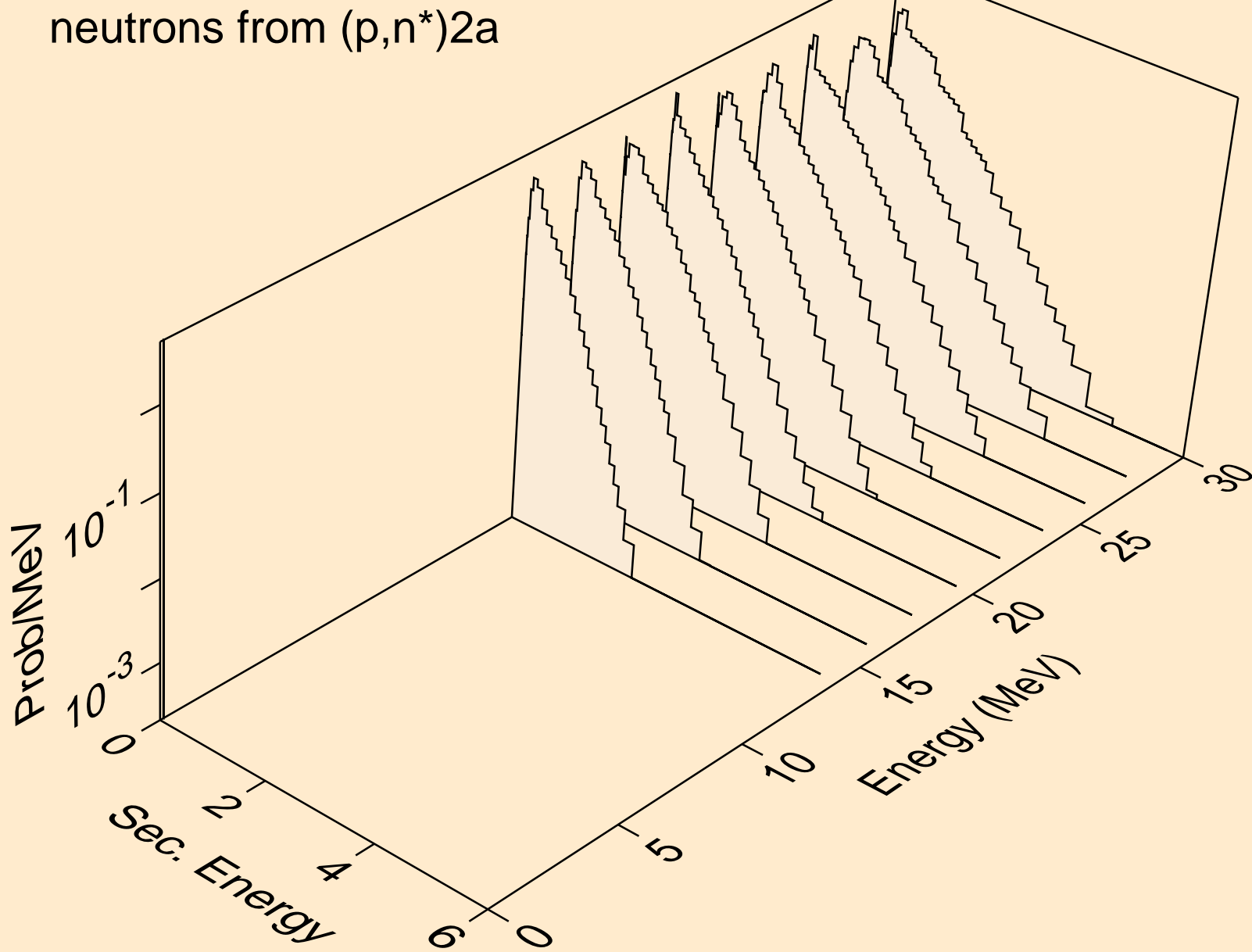
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



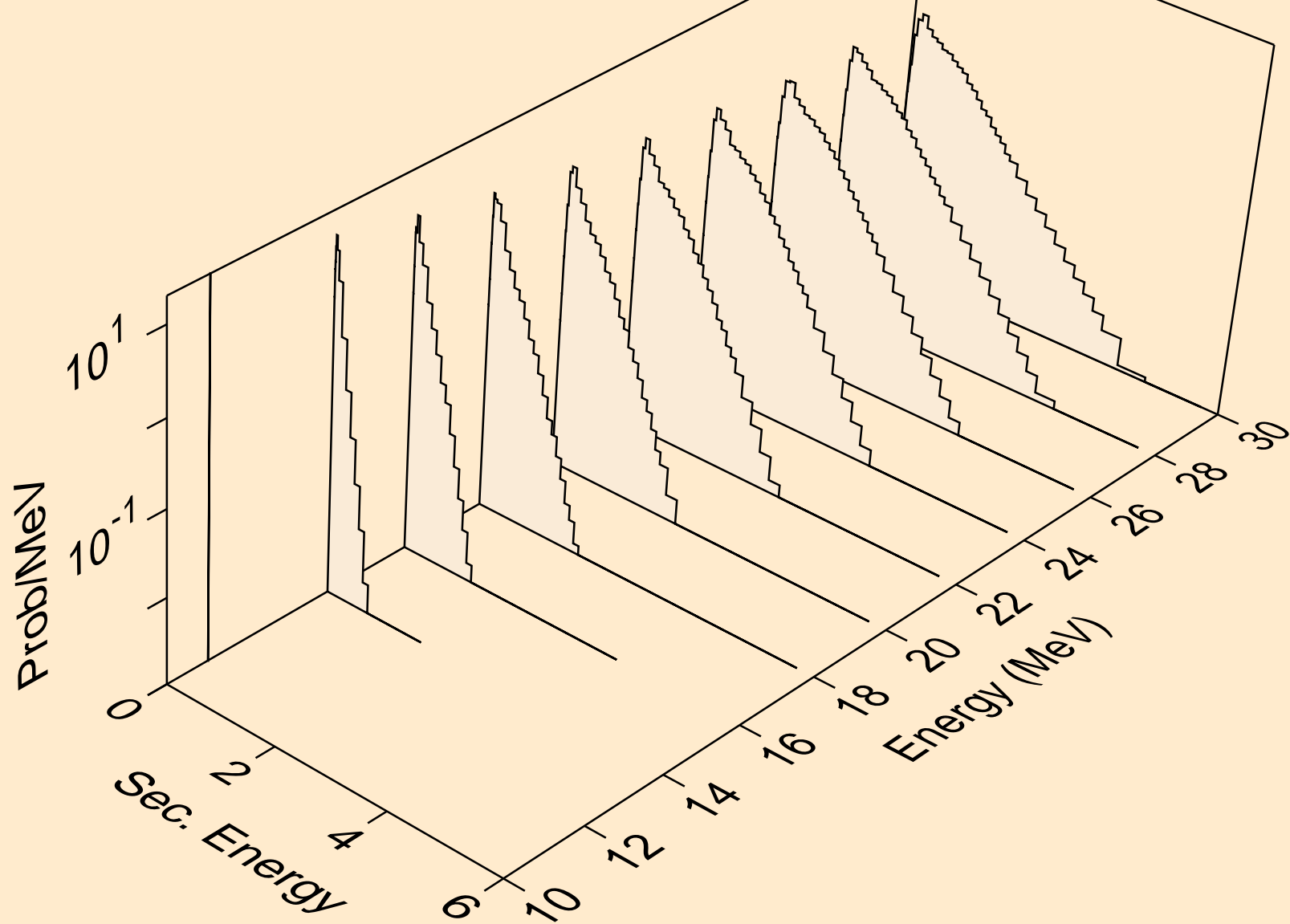
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



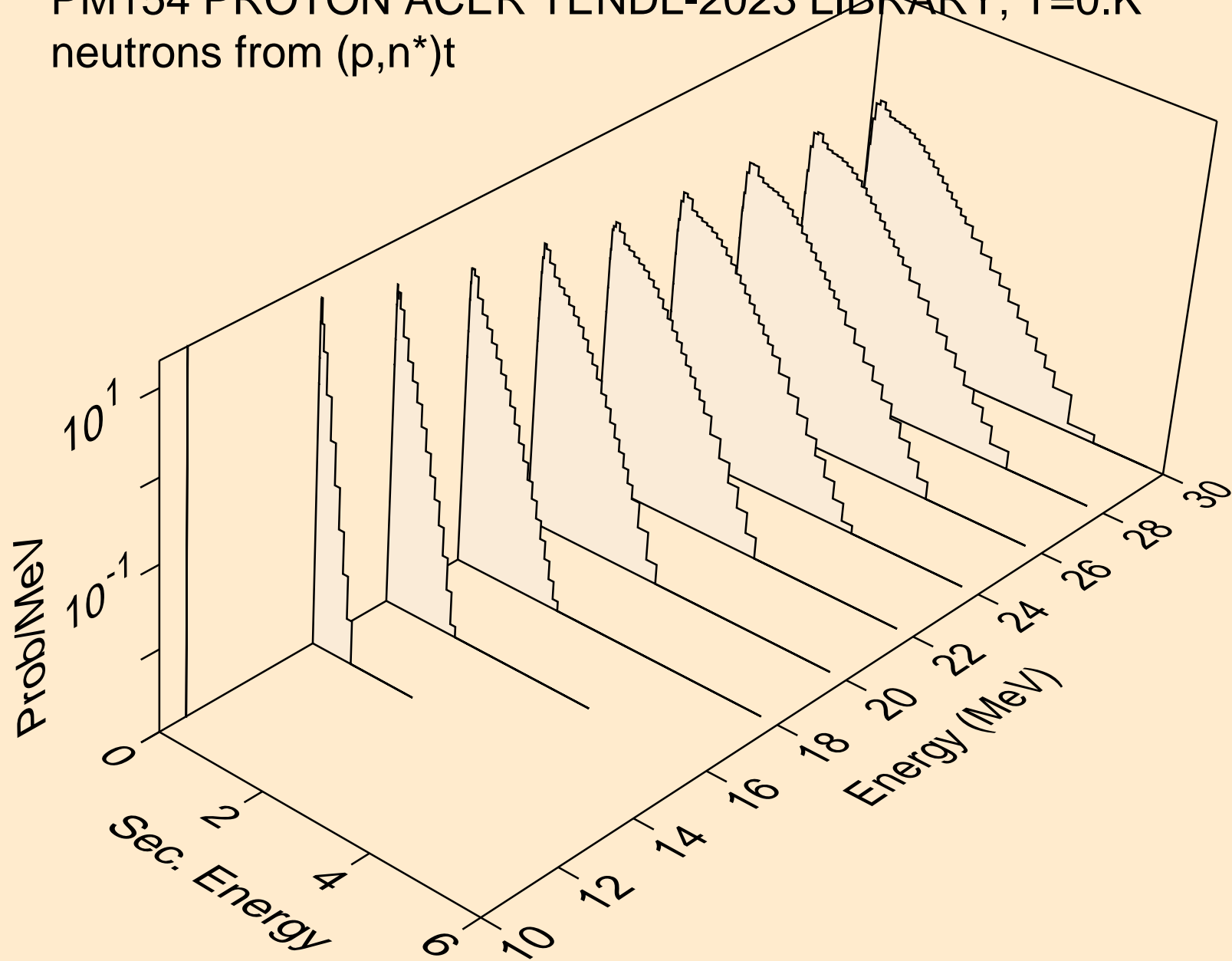
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



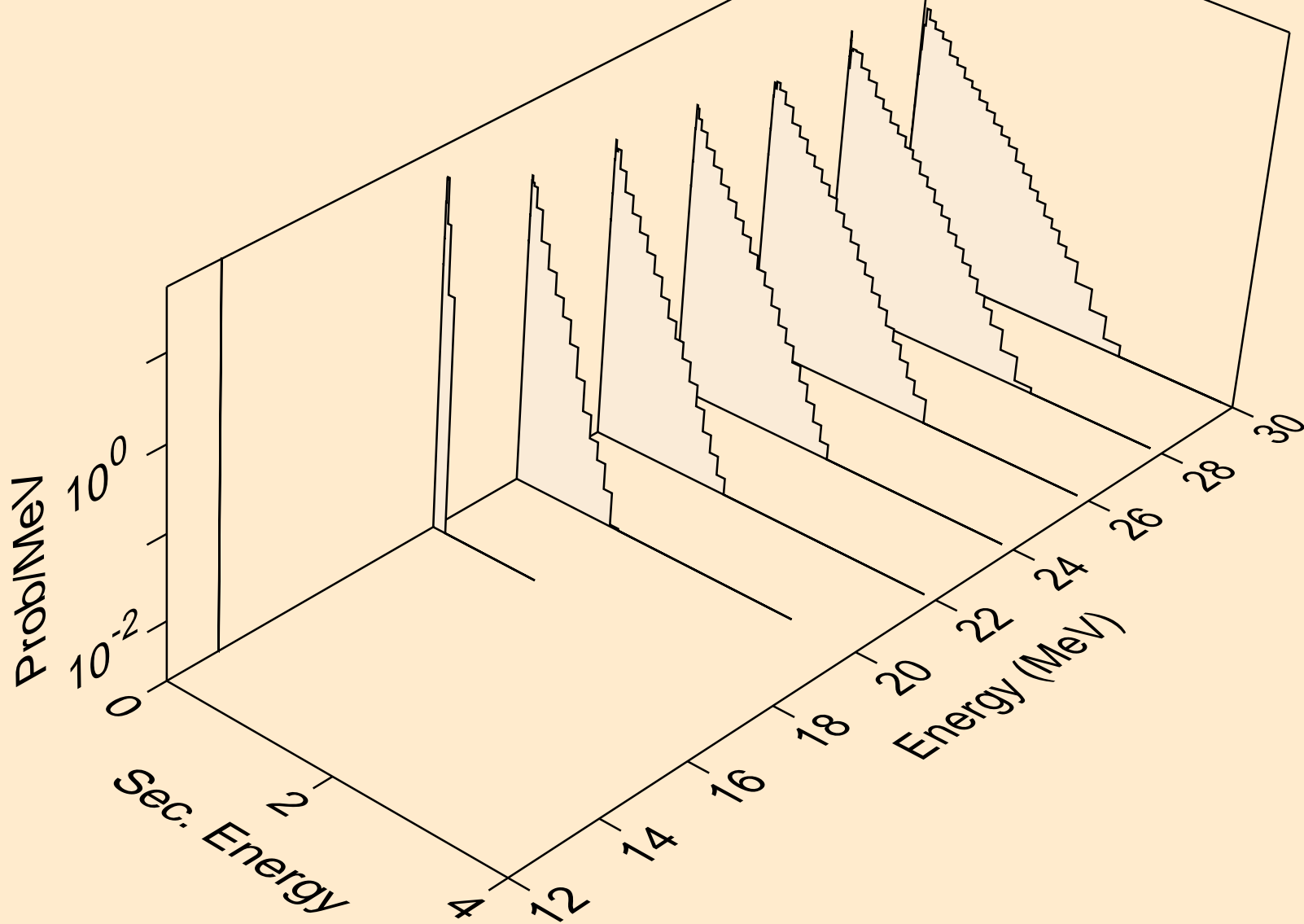
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



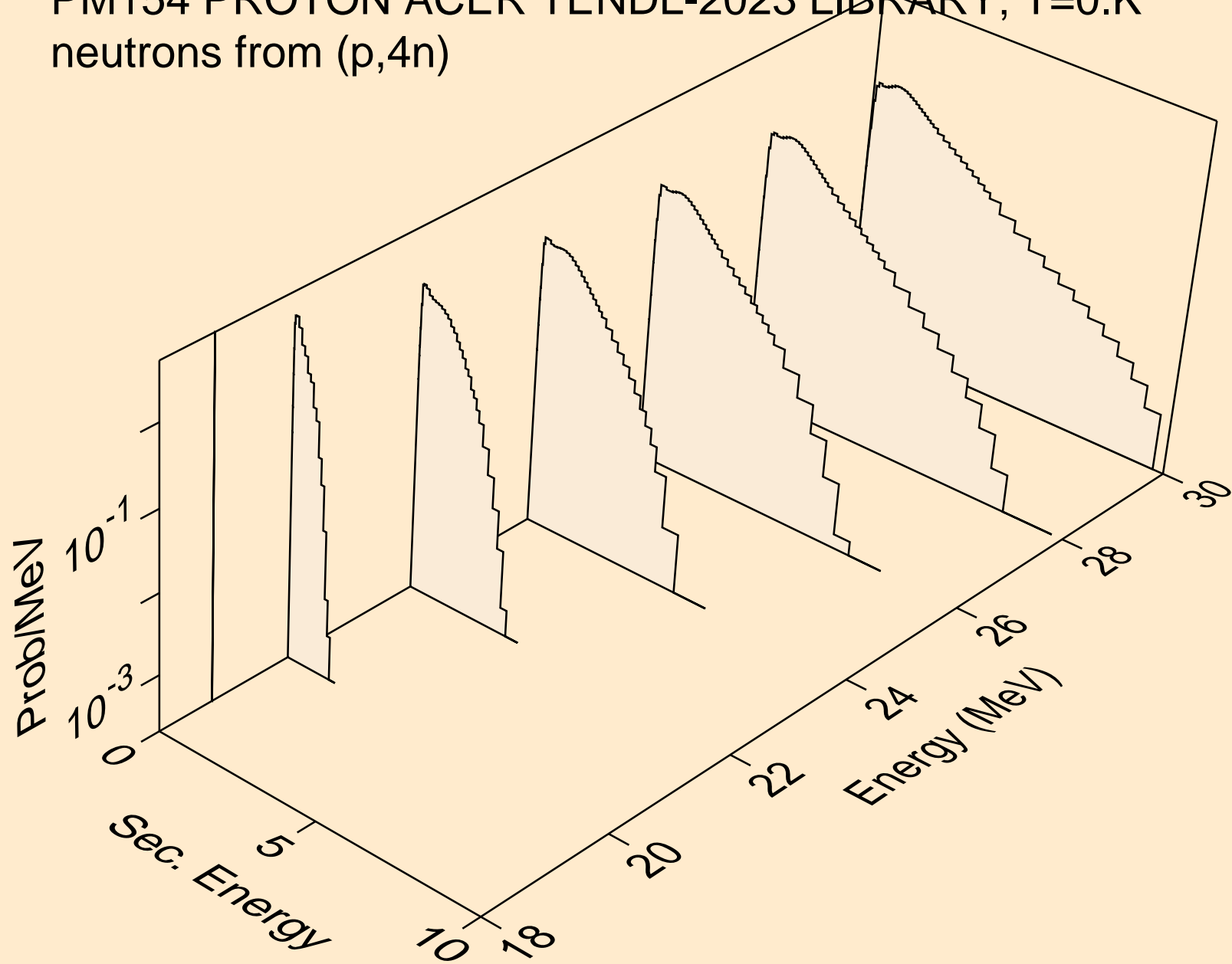
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



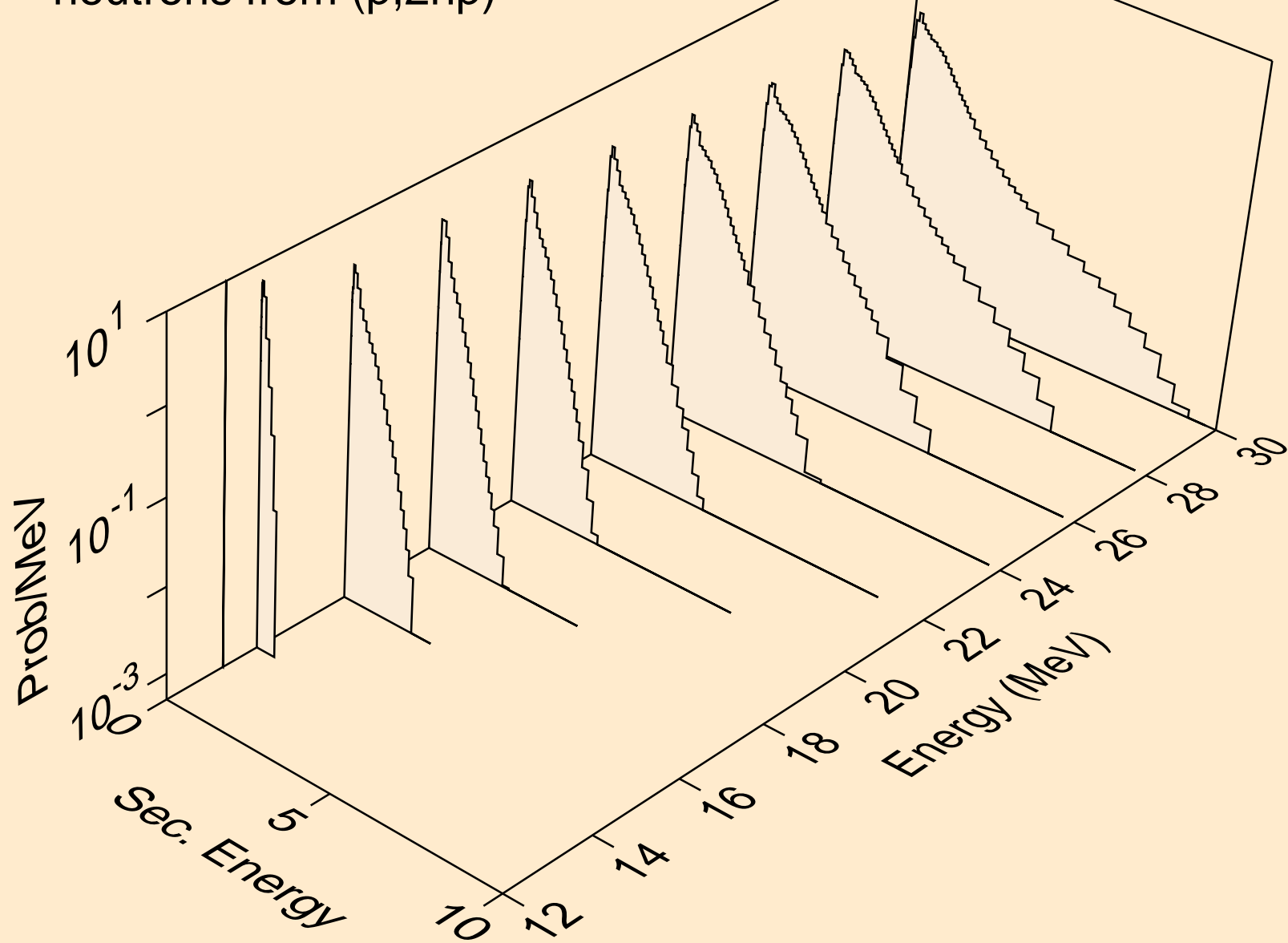
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

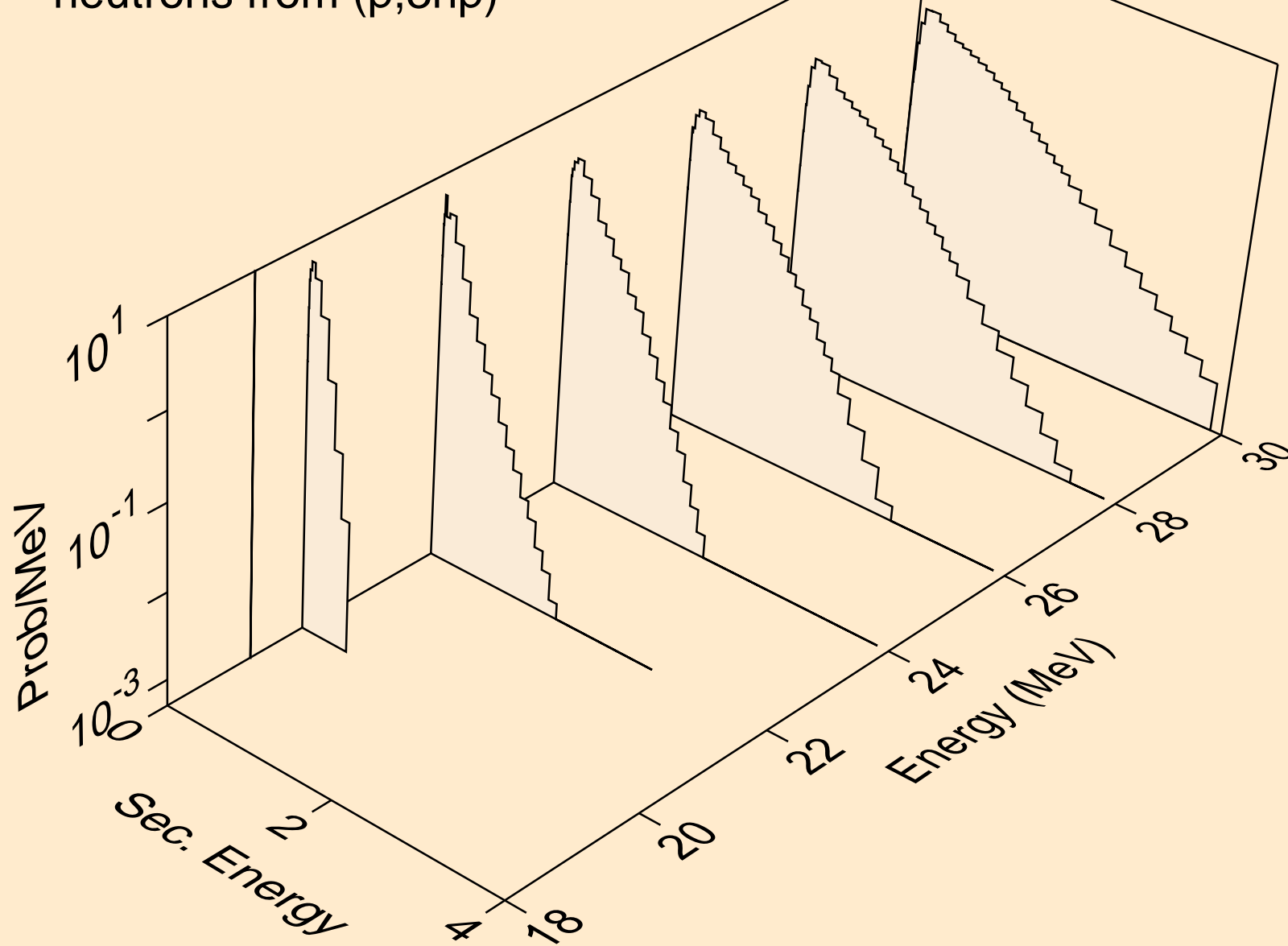


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

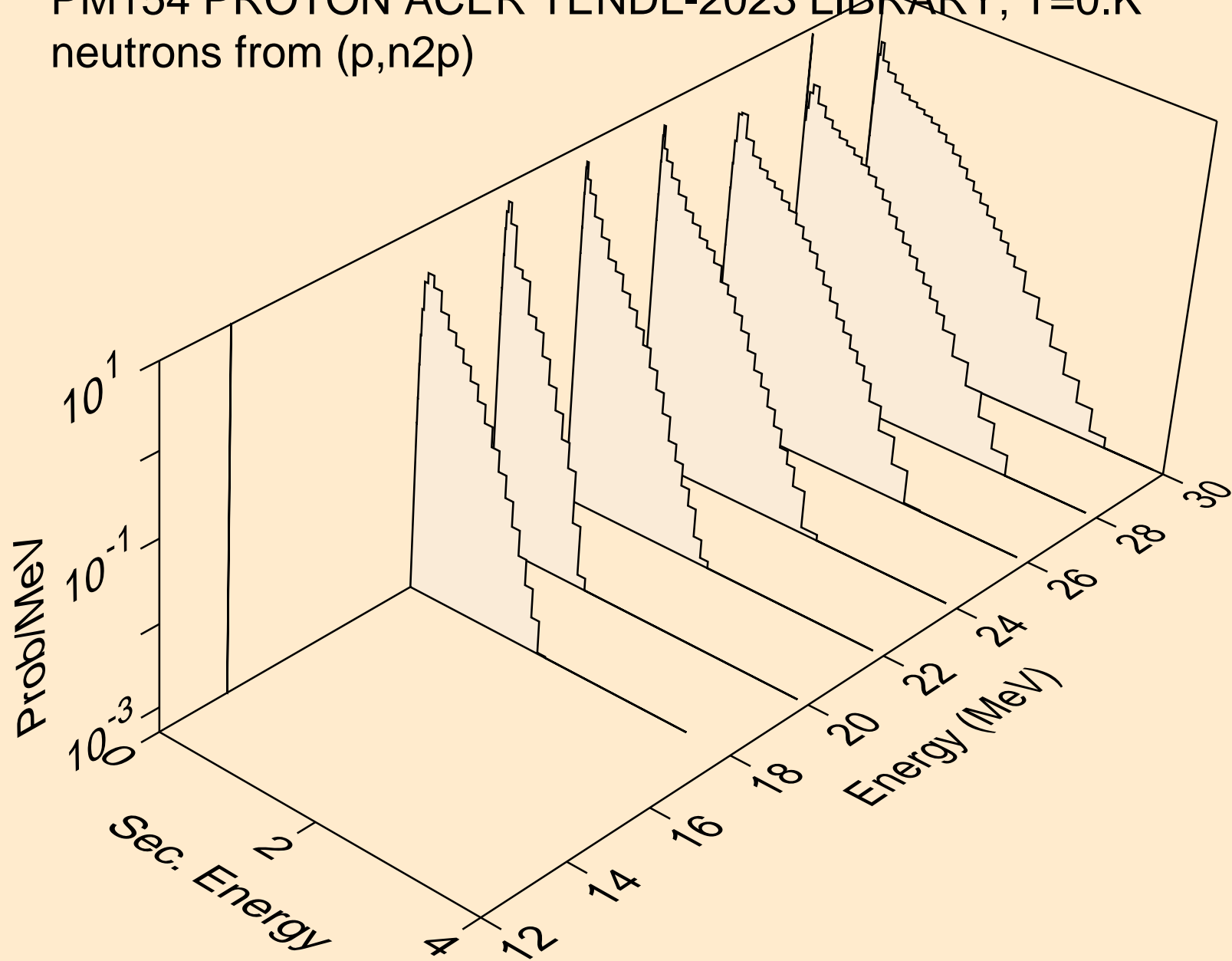




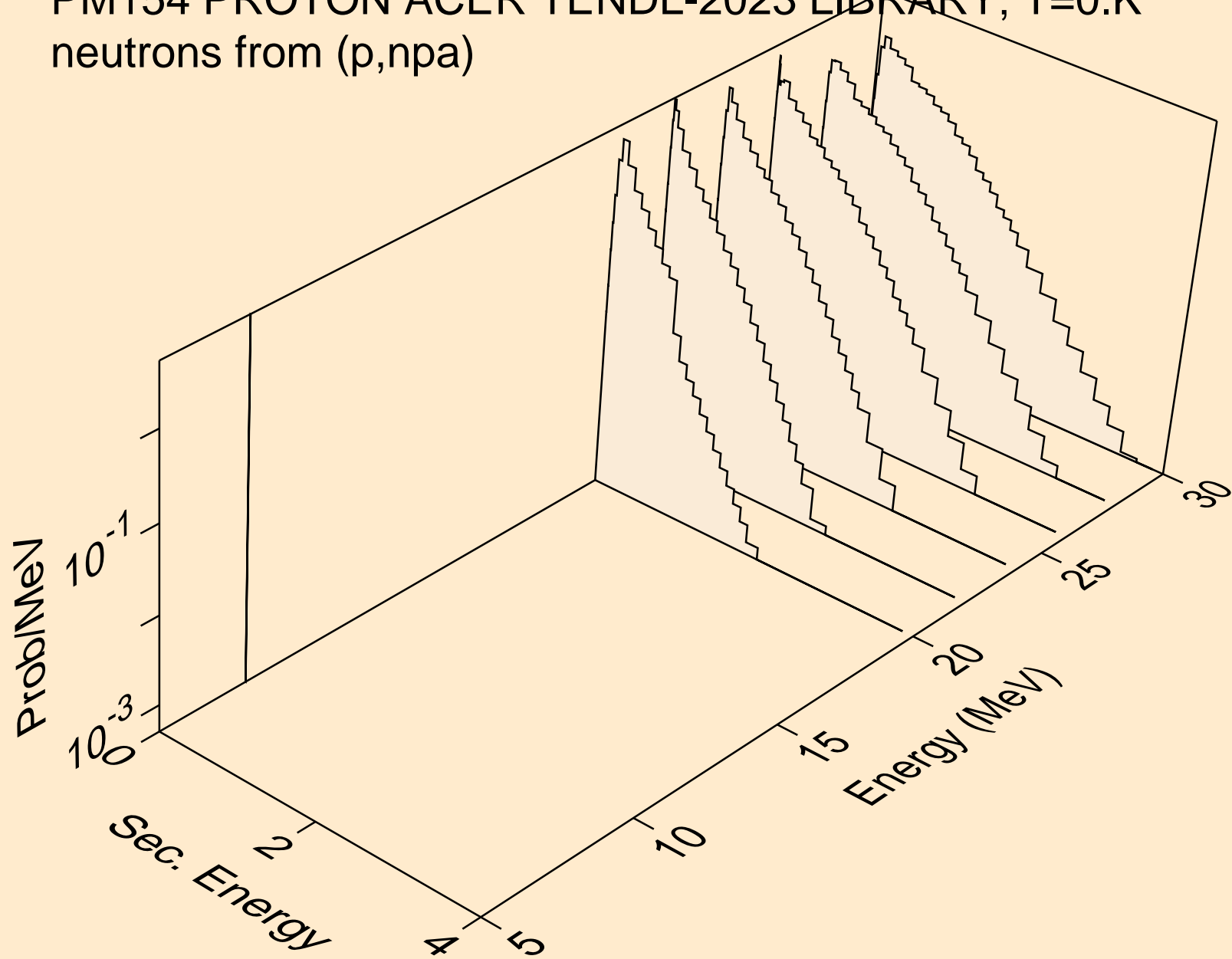
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



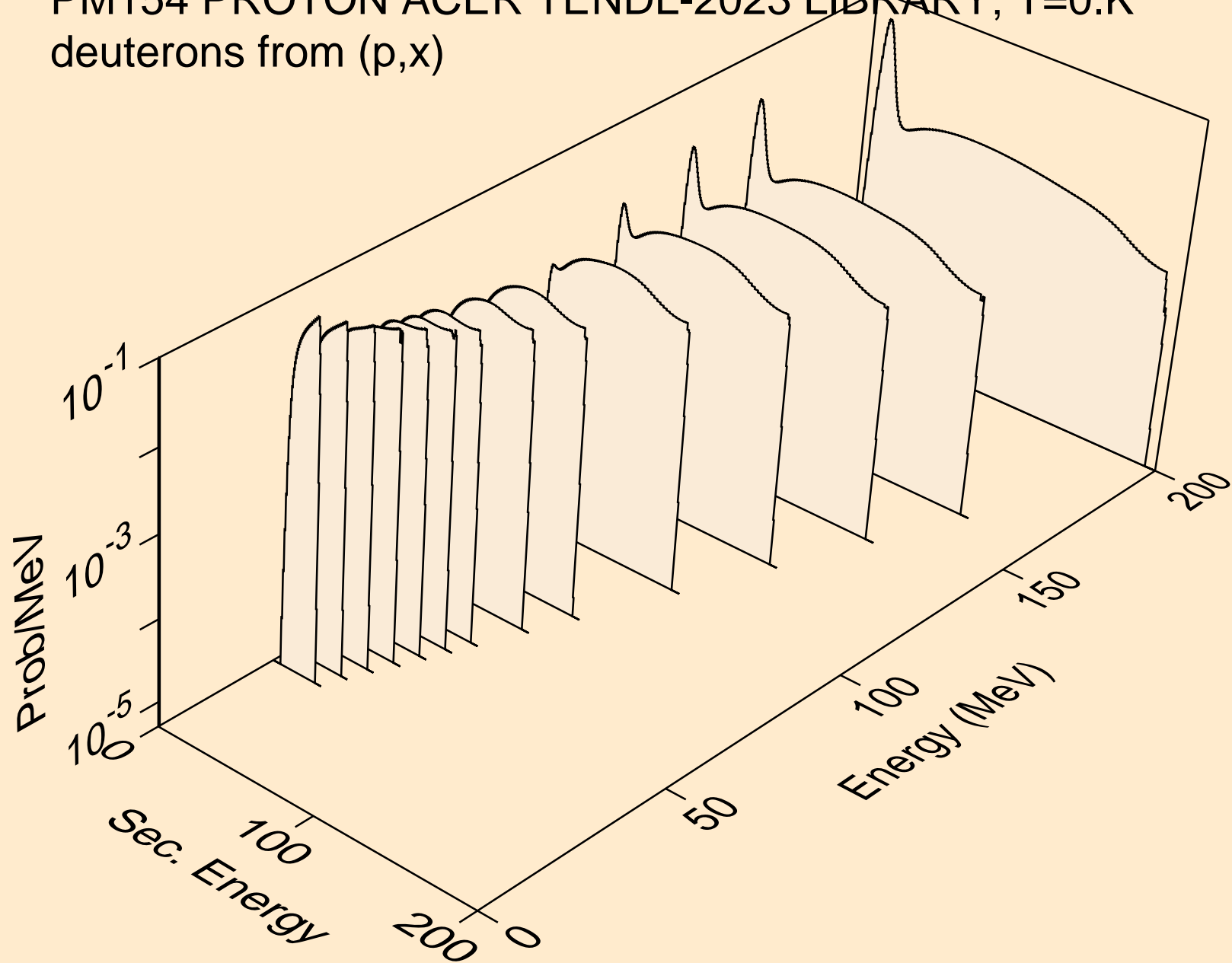
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



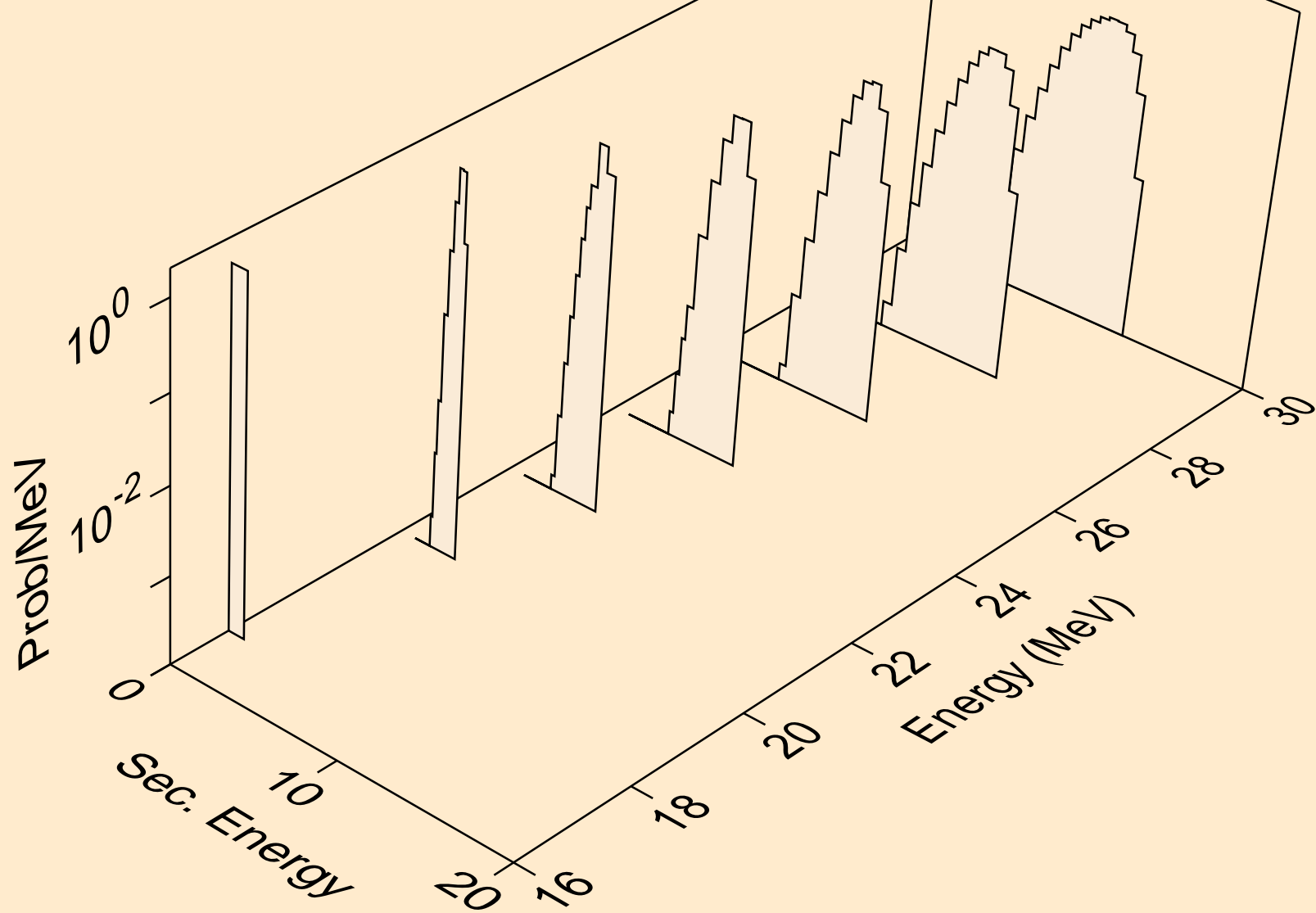
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



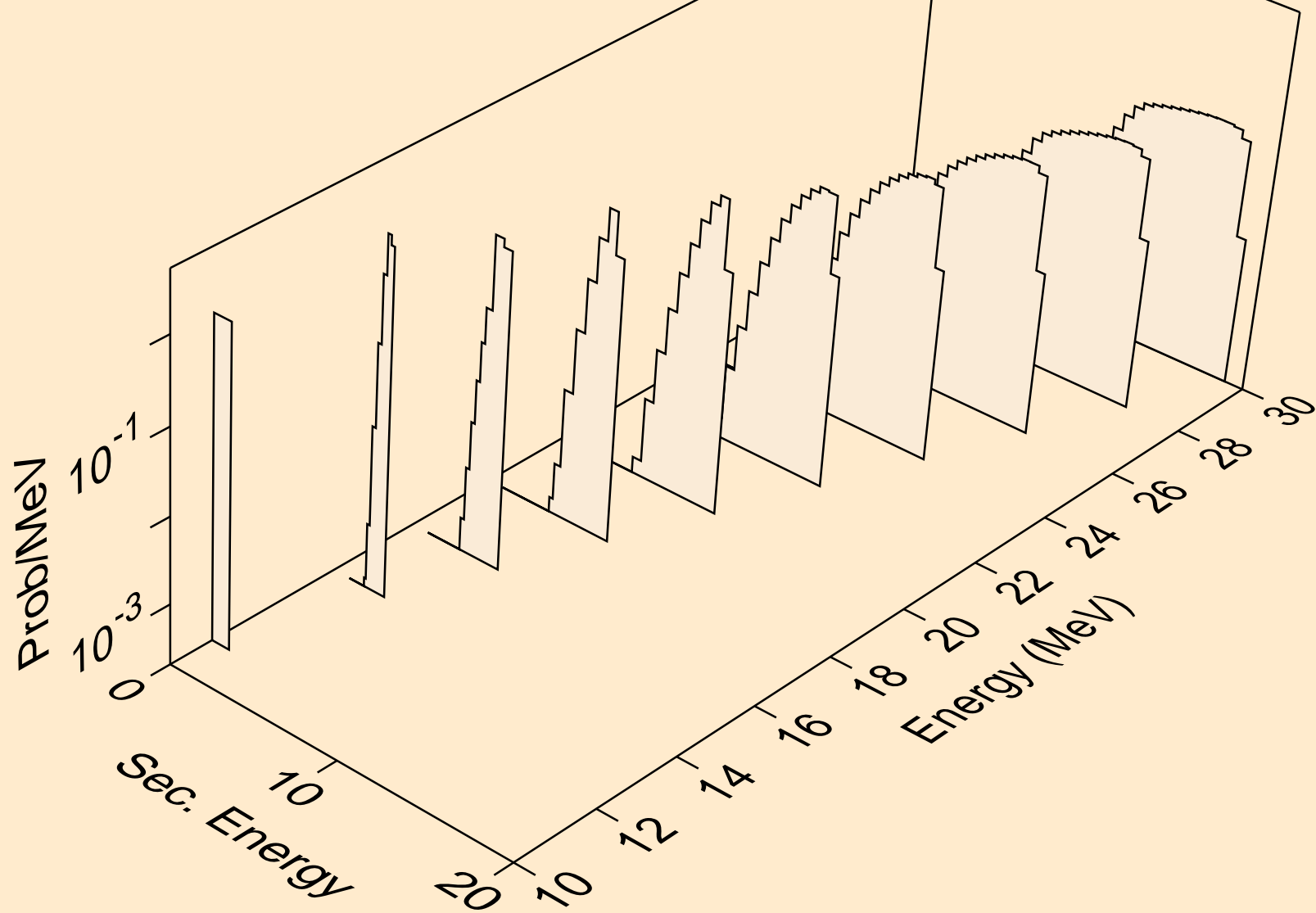
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



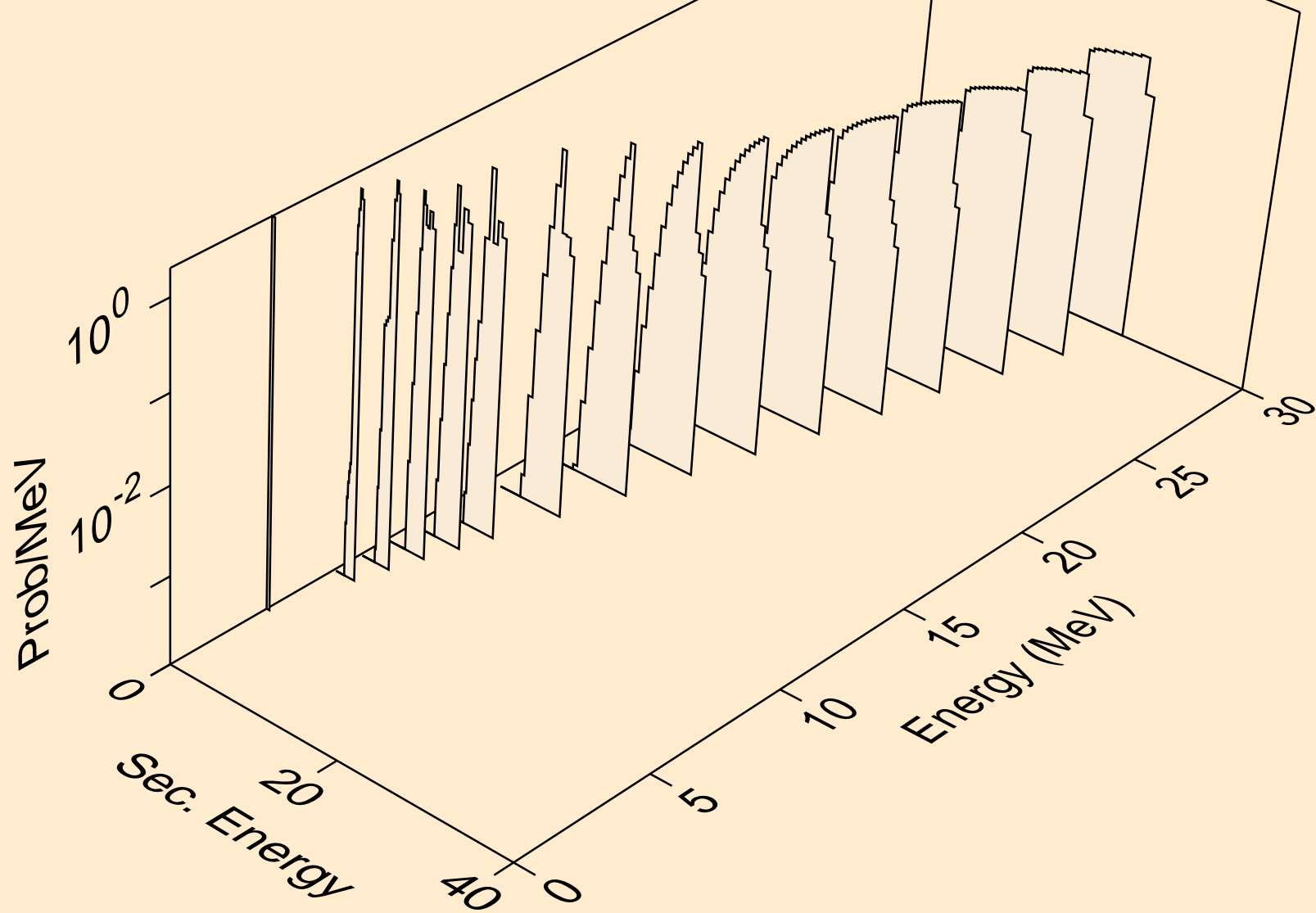
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



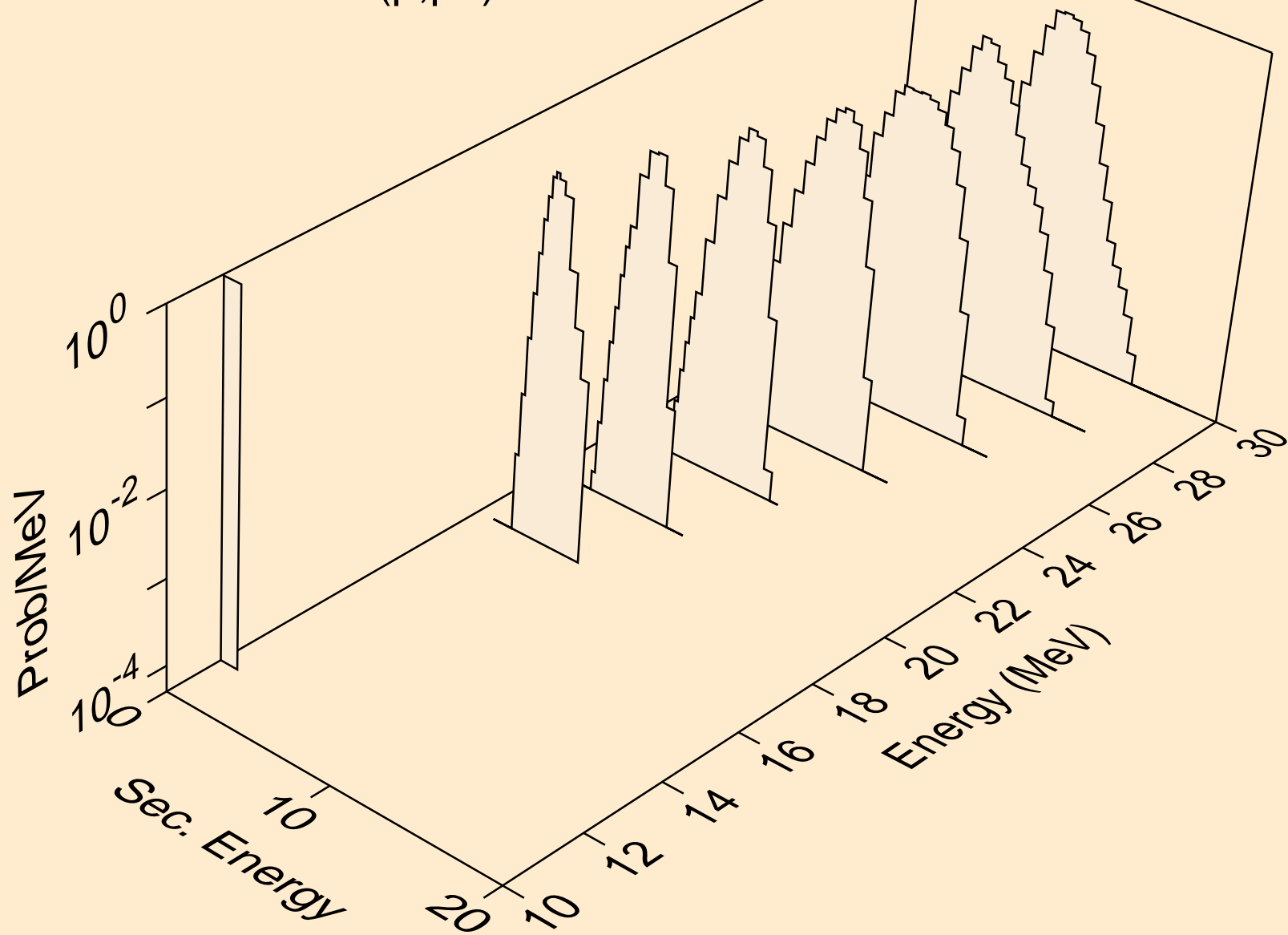
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

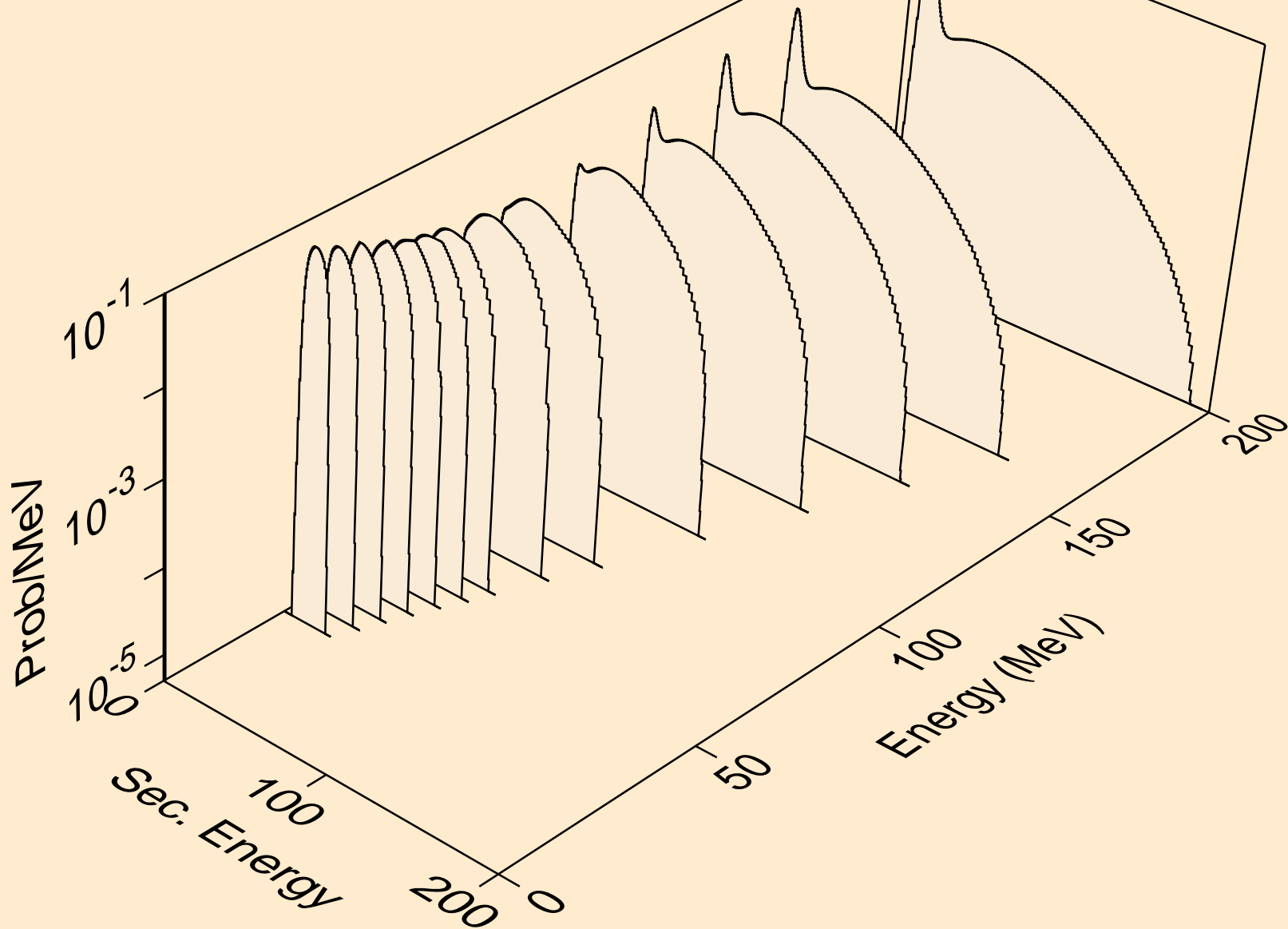


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

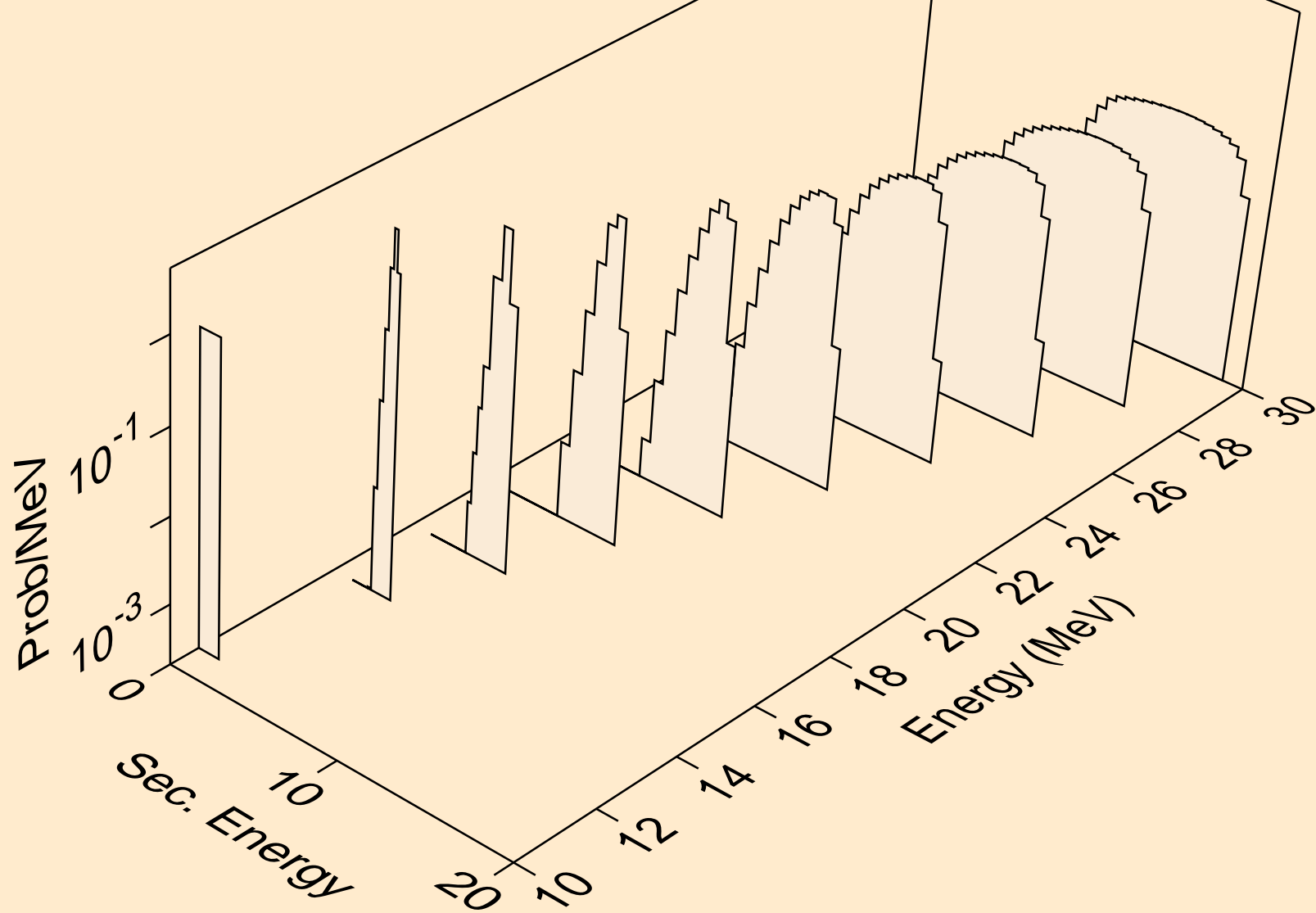




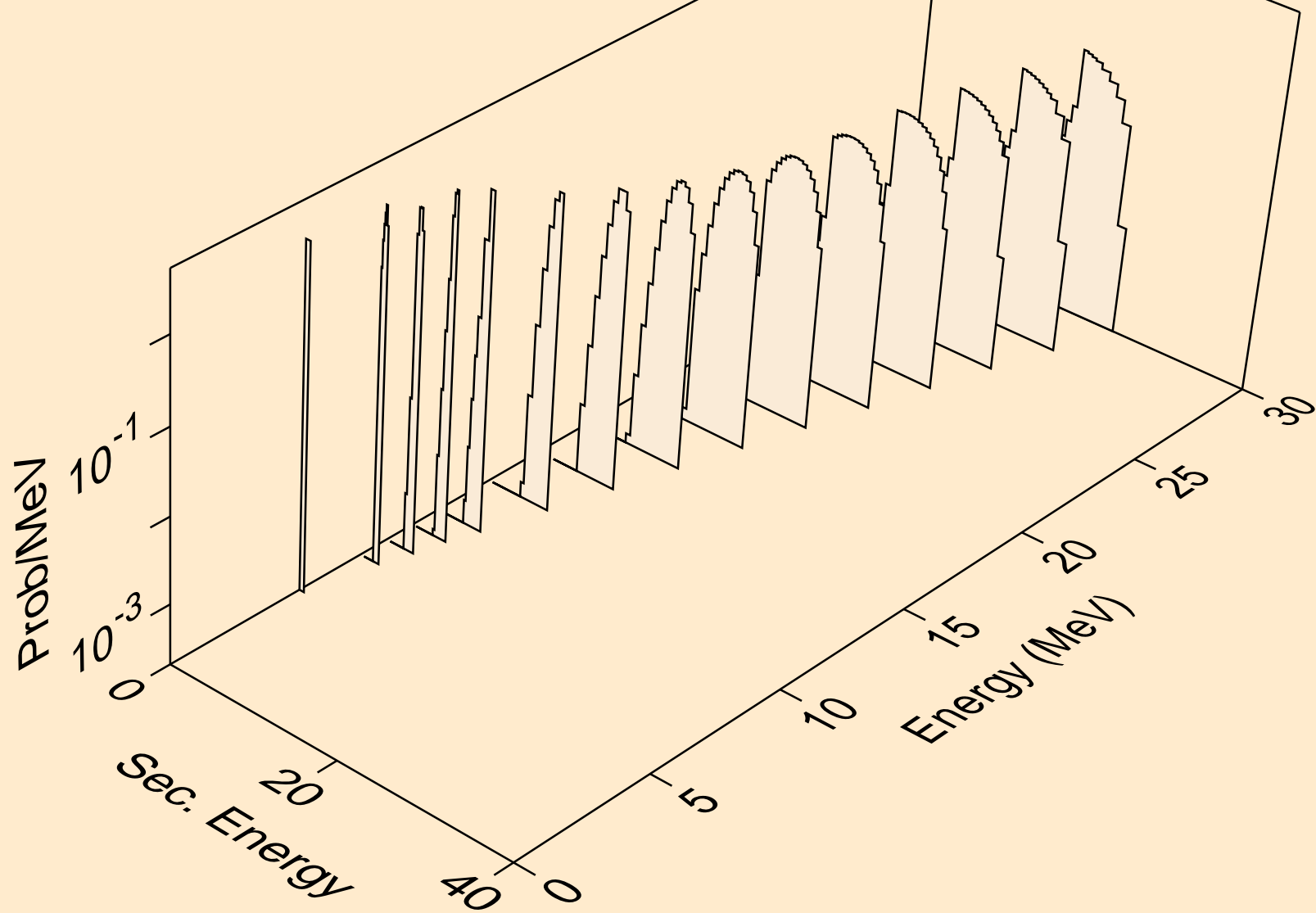
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



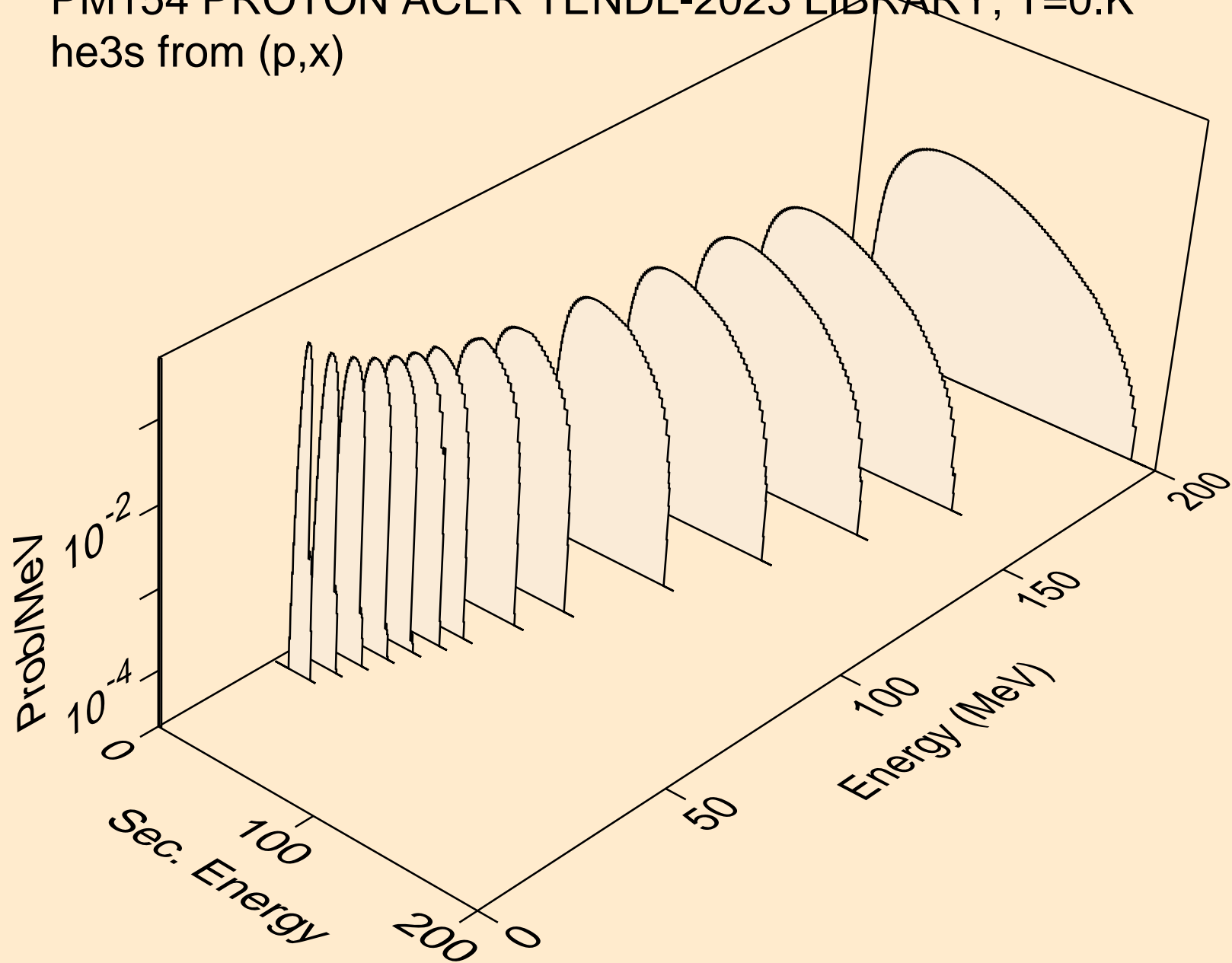
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



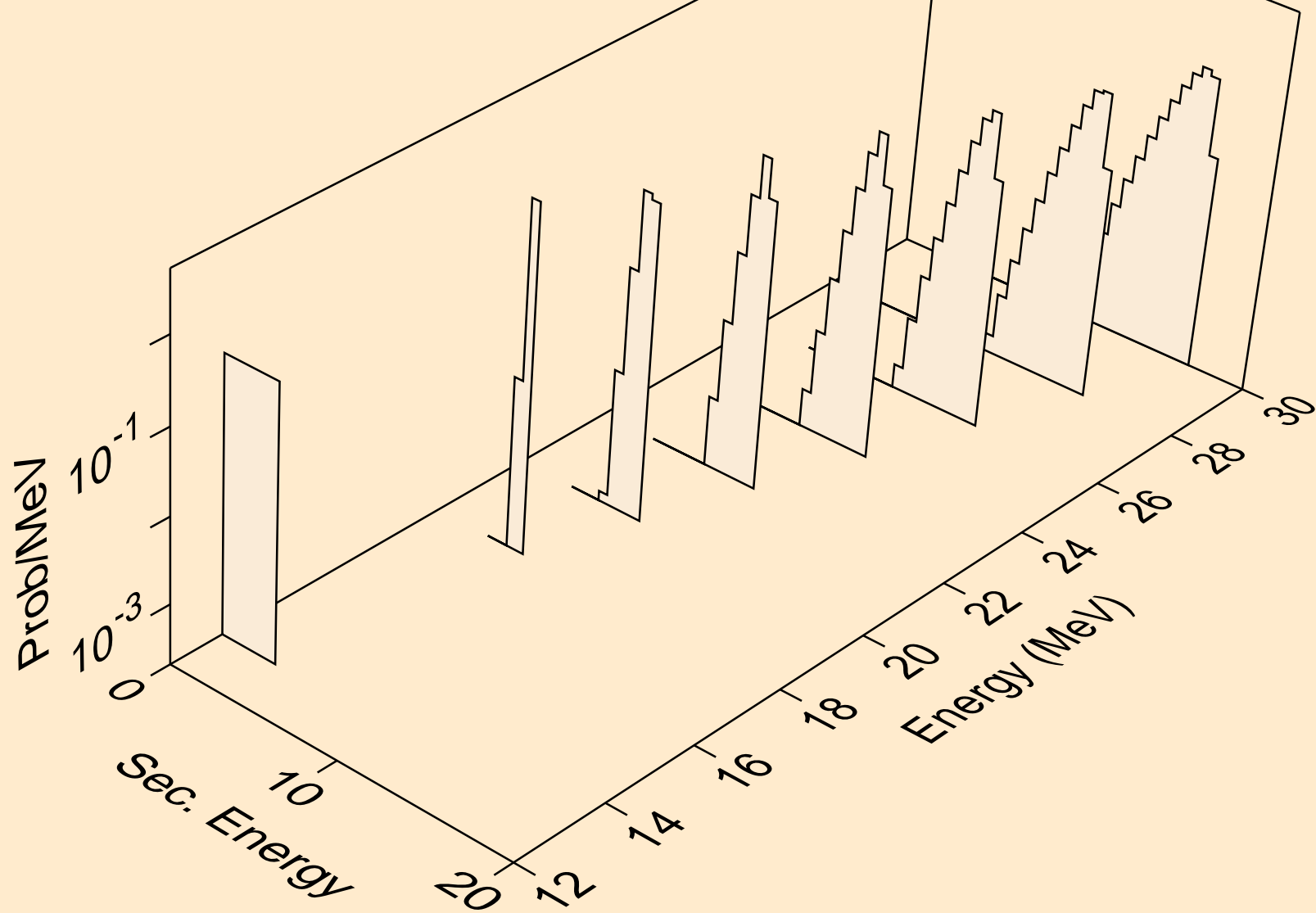
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



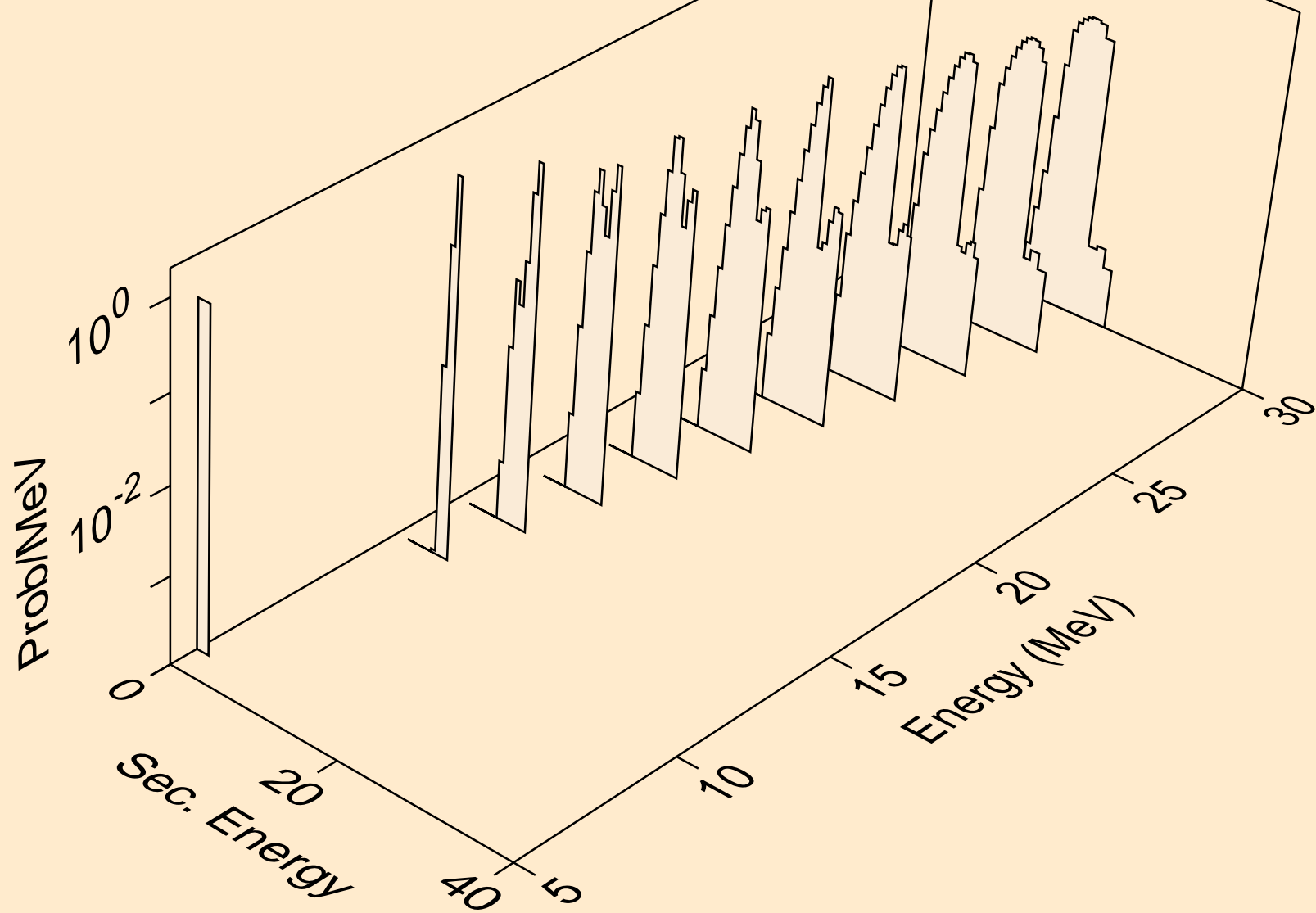
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



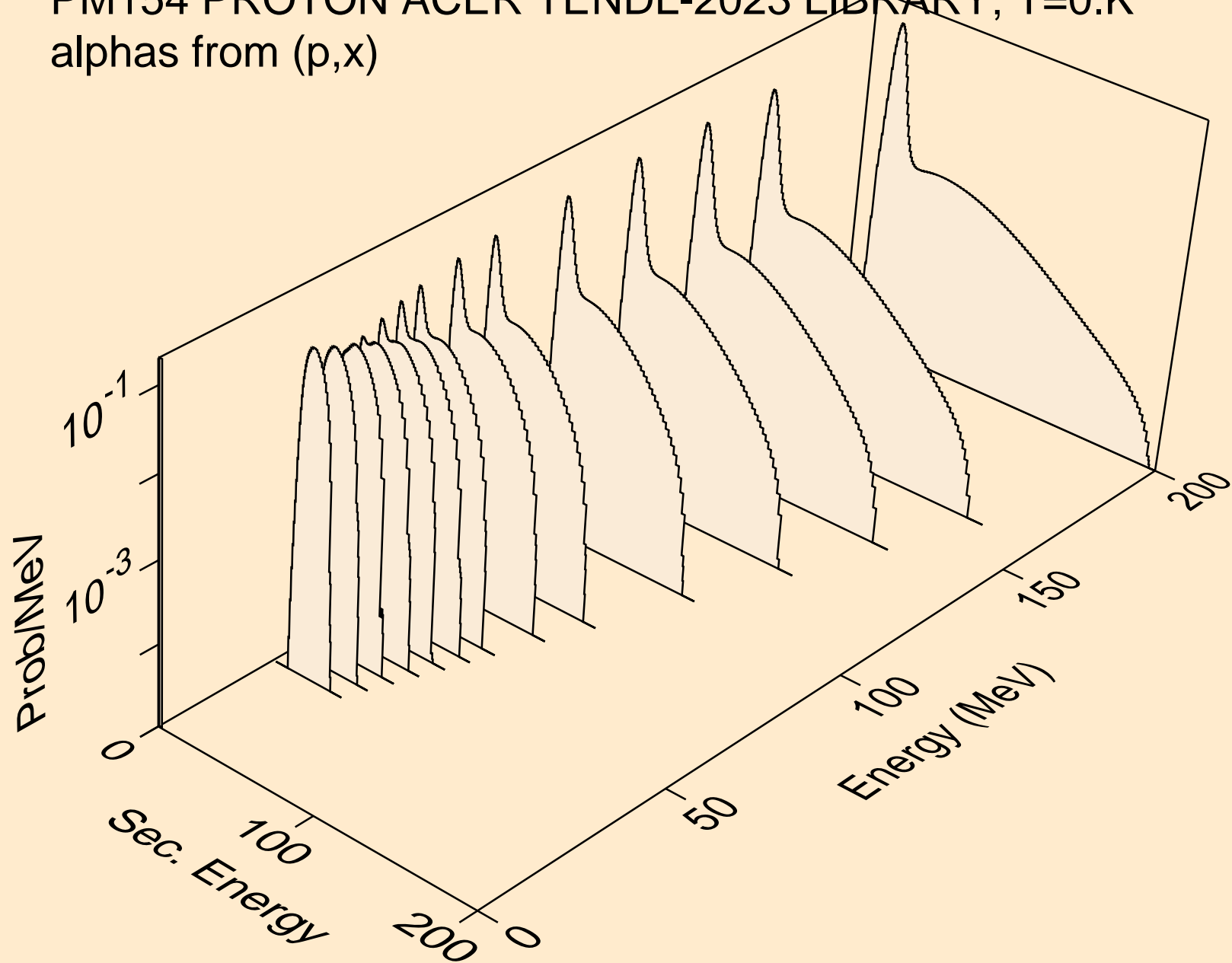
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



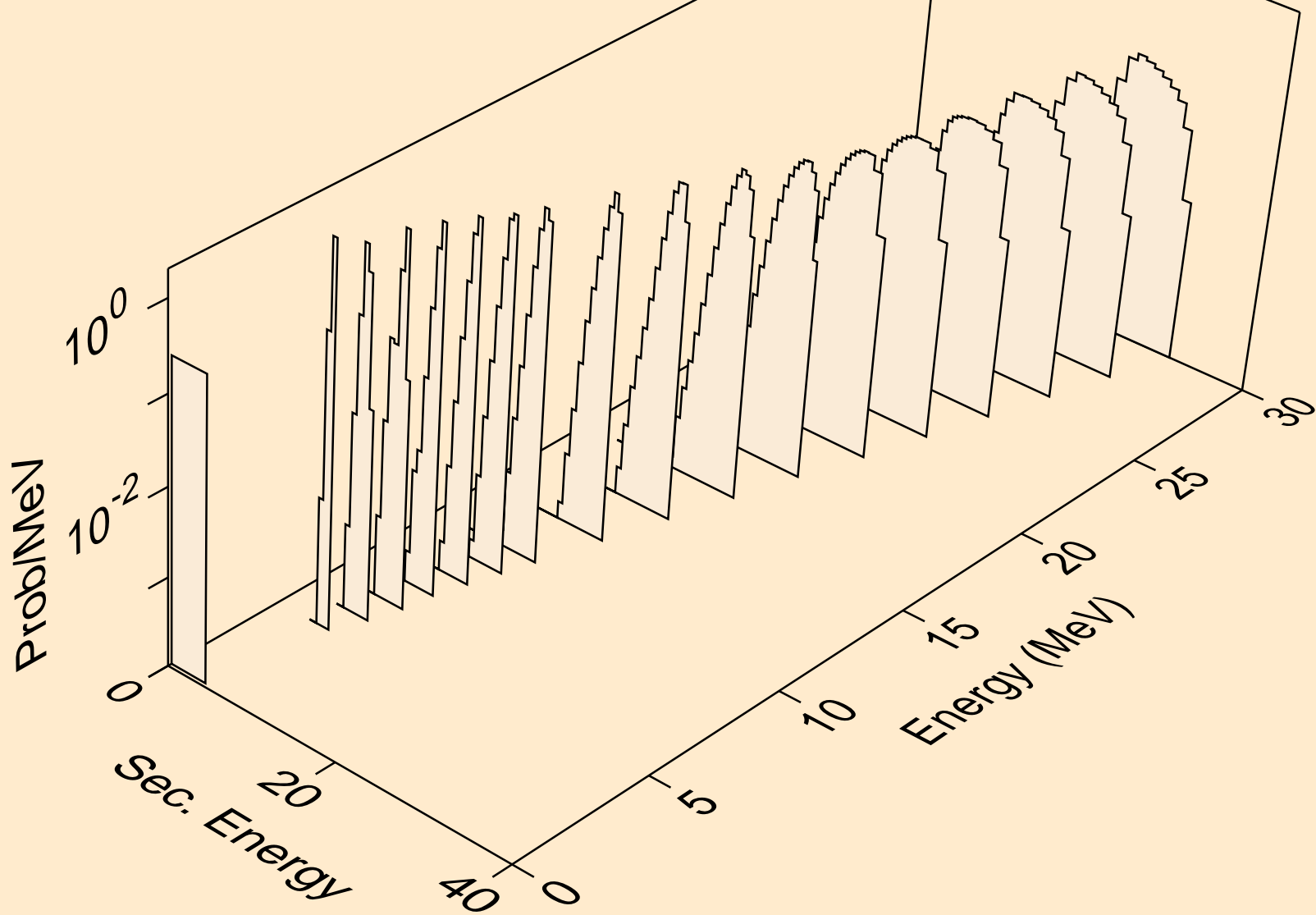
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

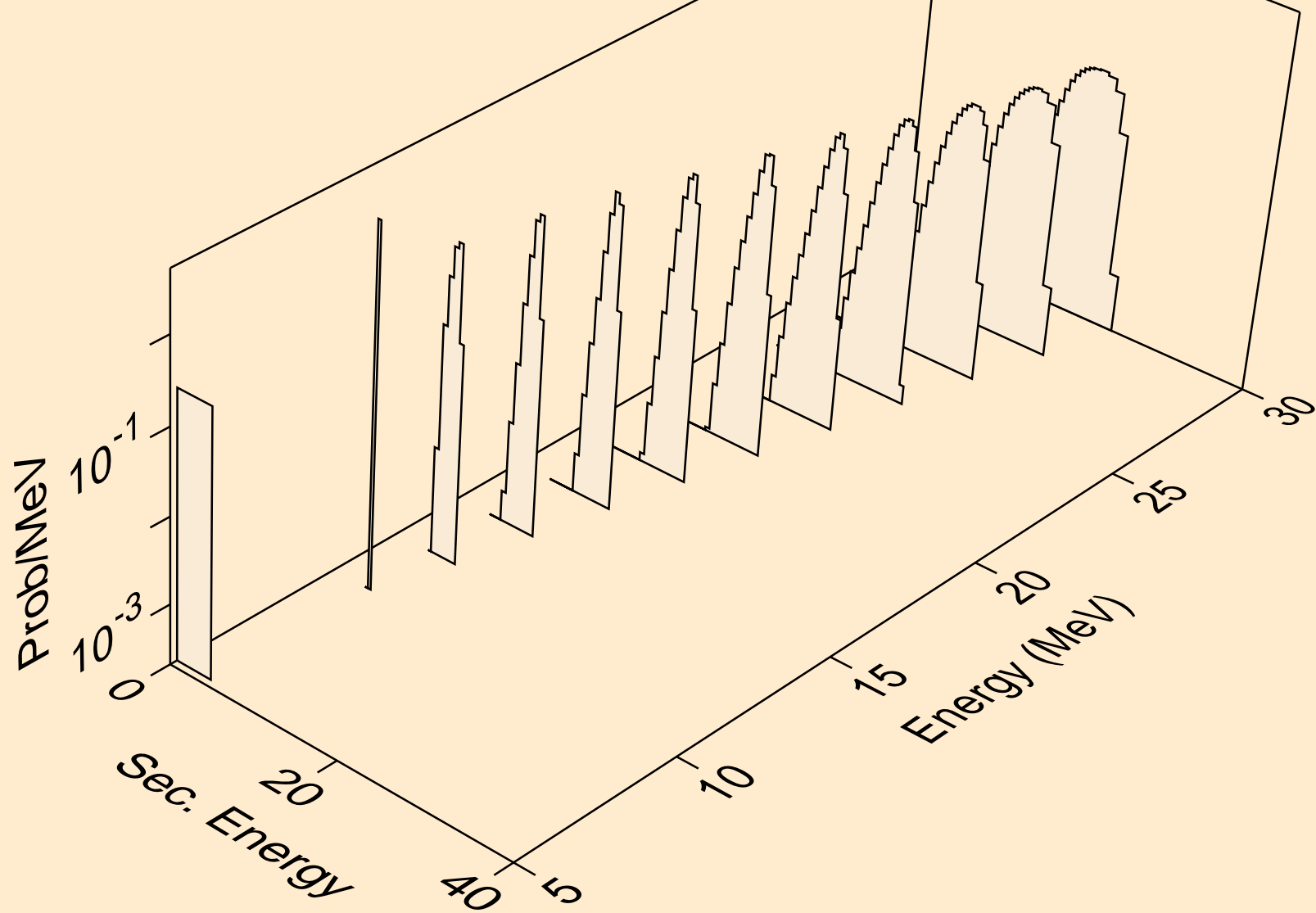


PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

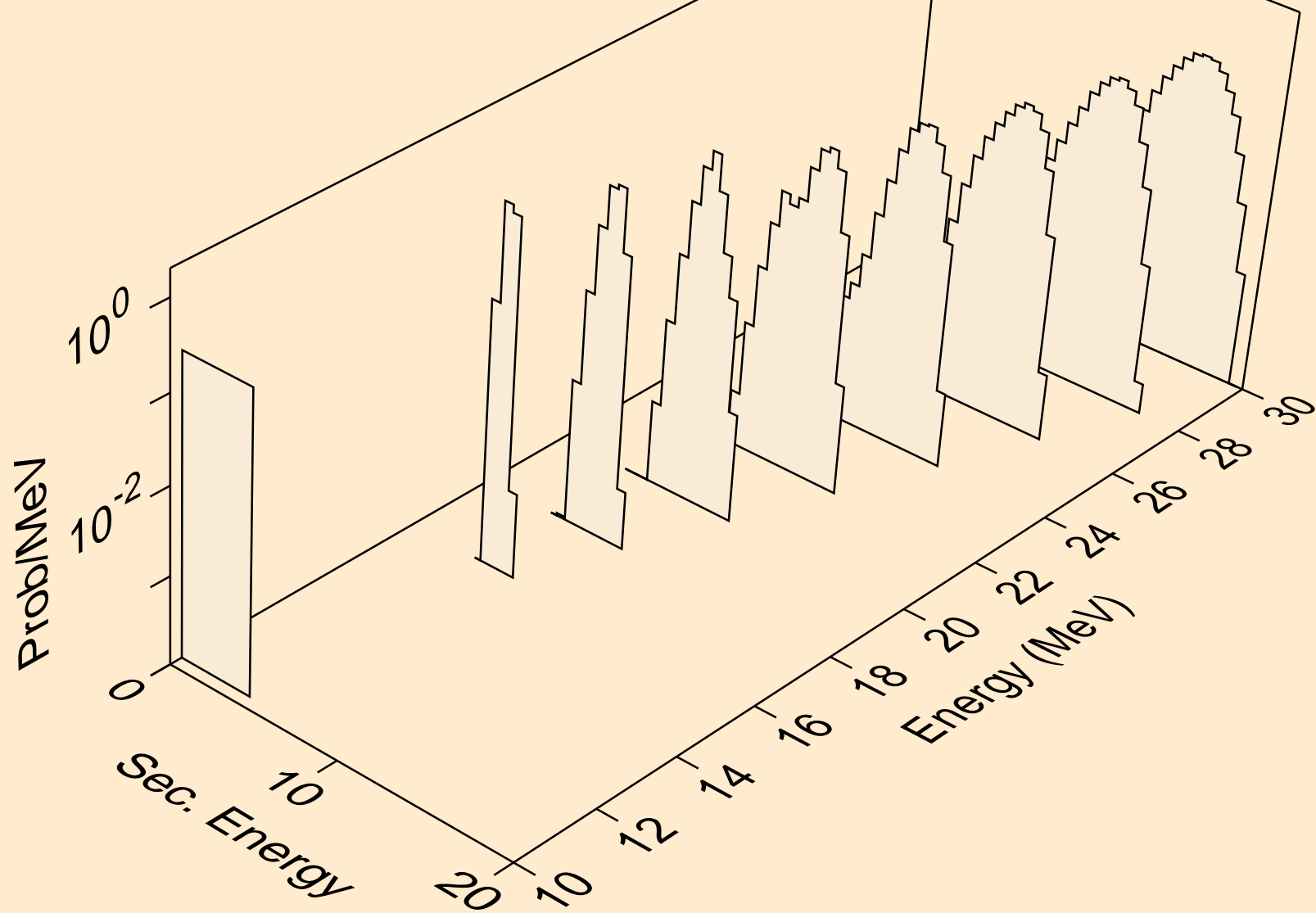




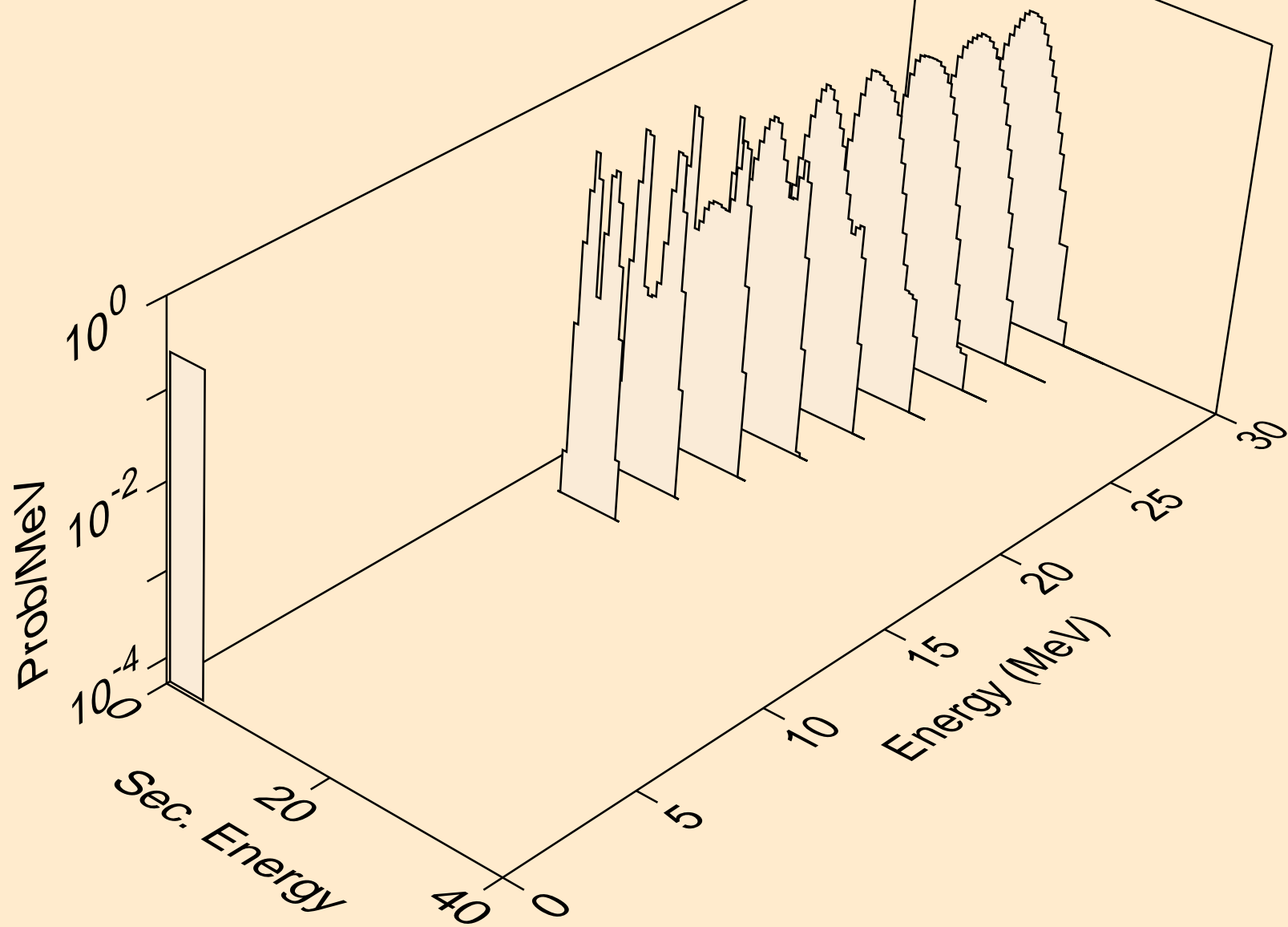
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



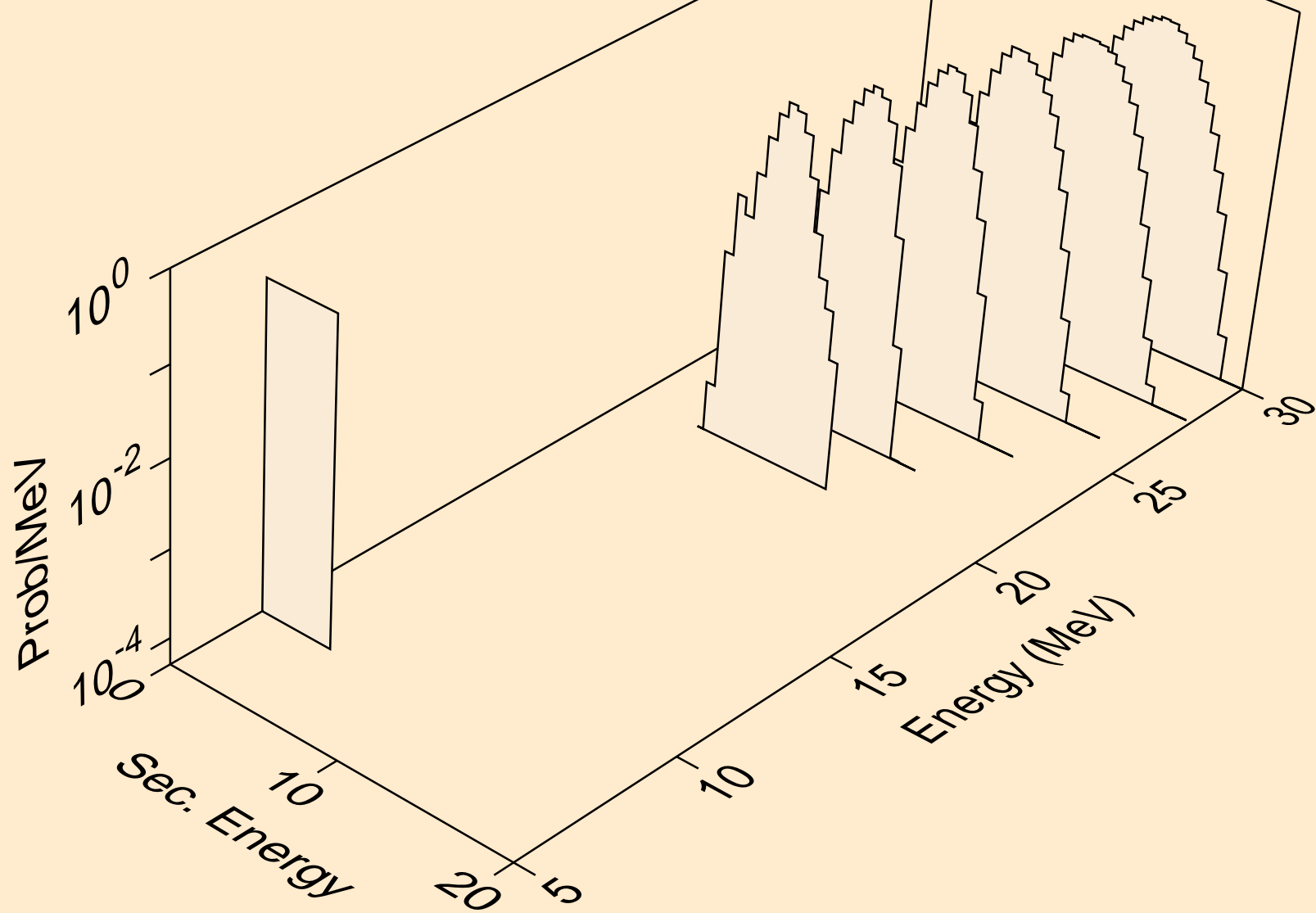
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



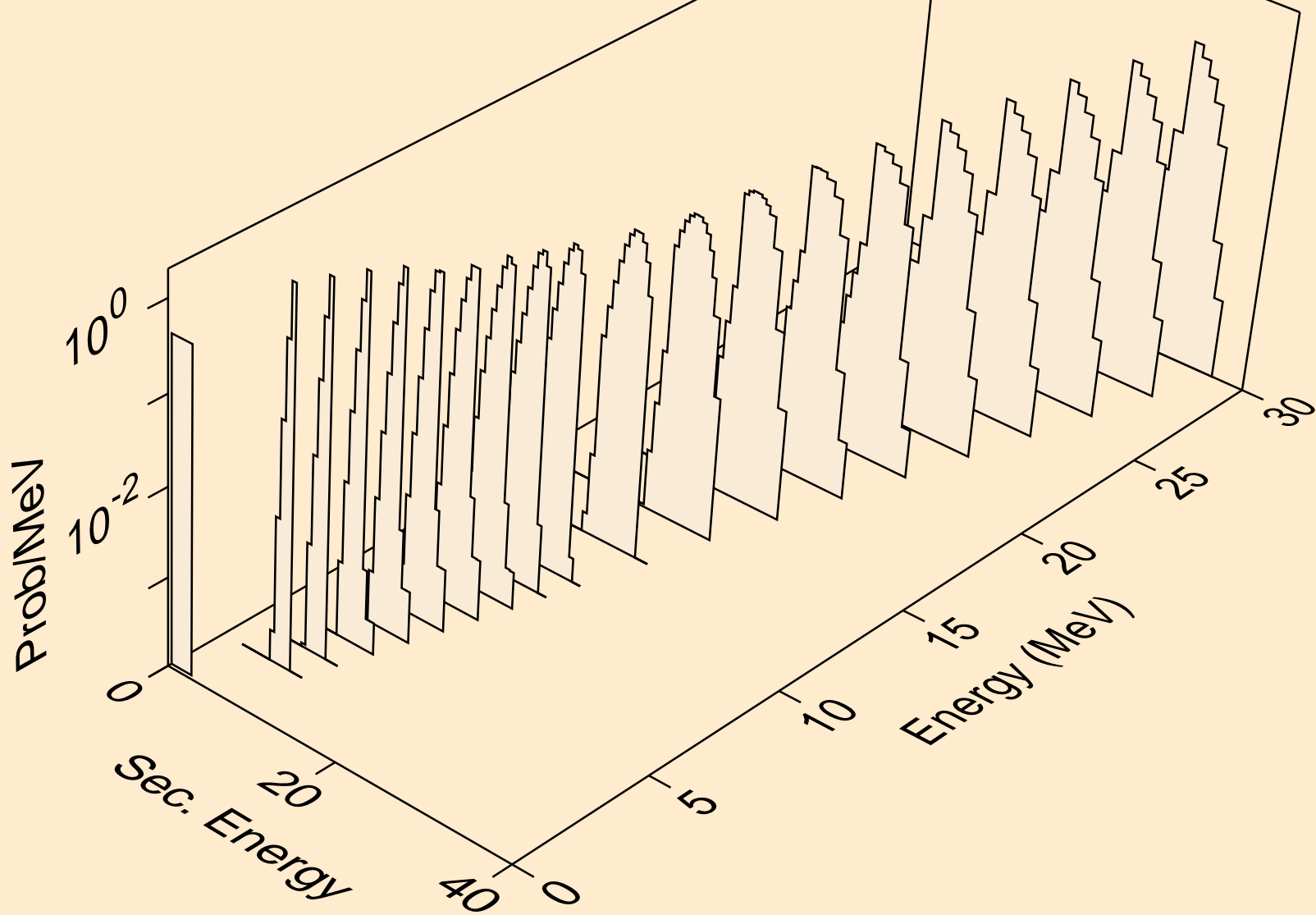
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



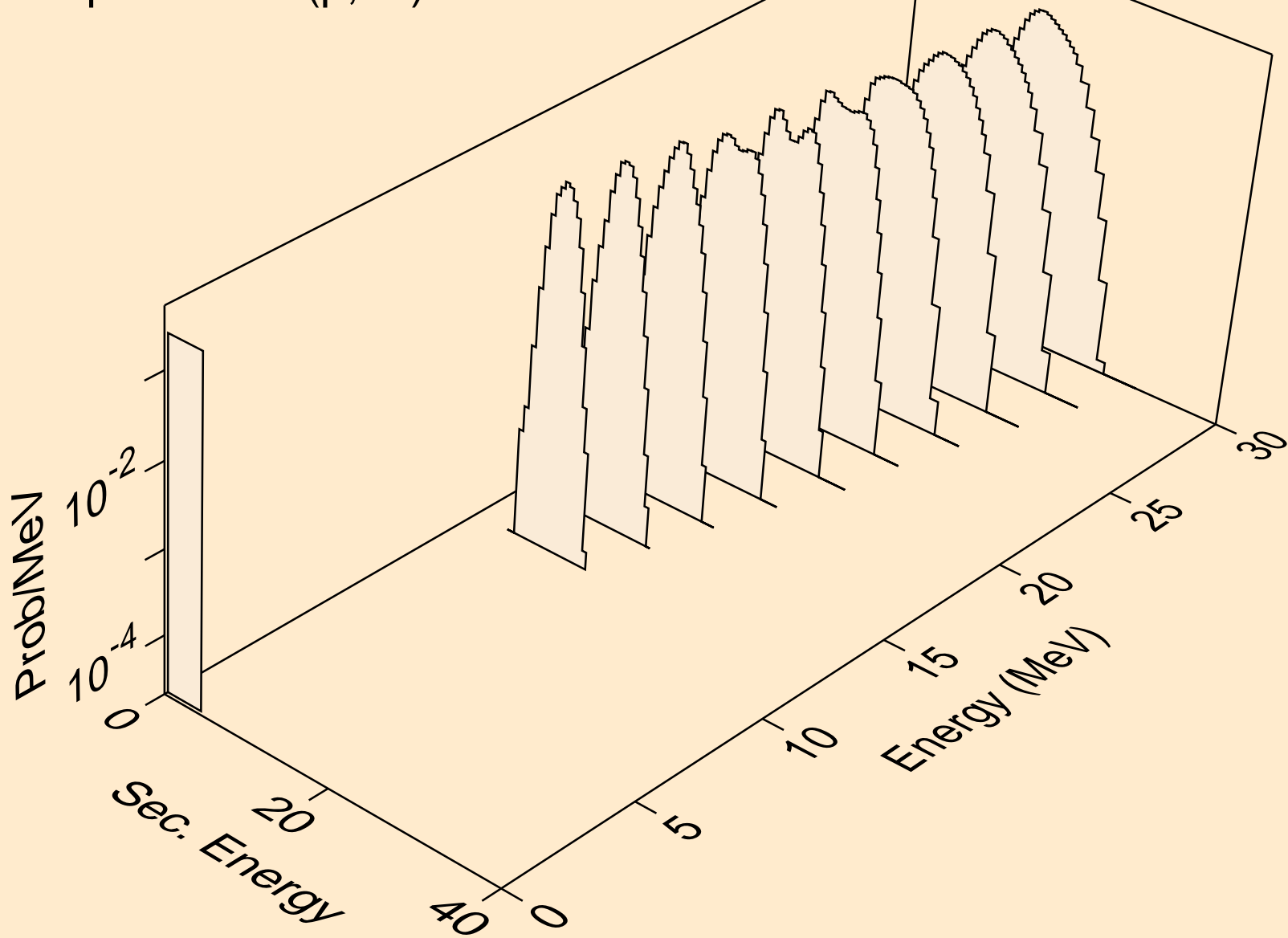
PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



PM154 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

