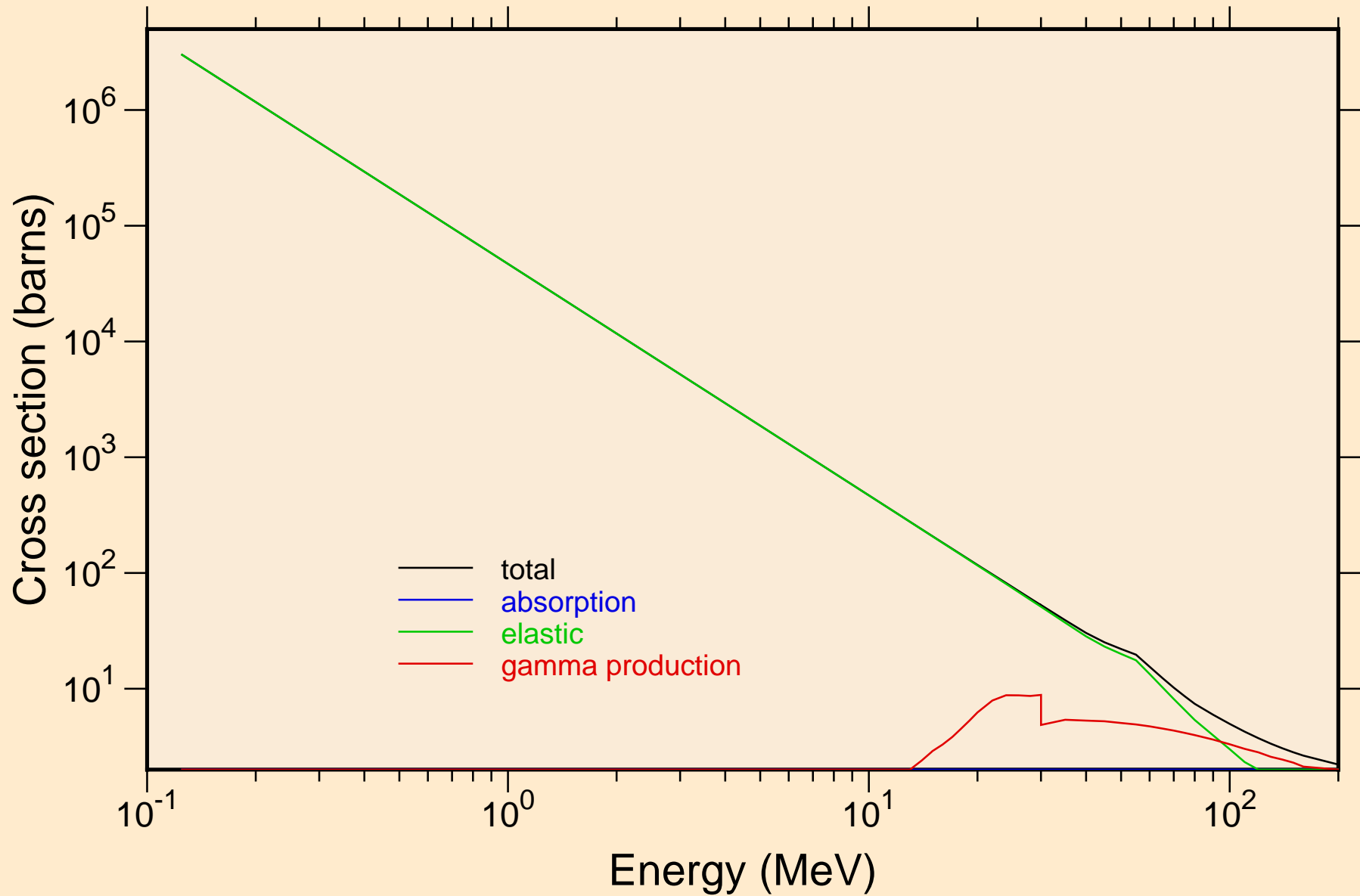
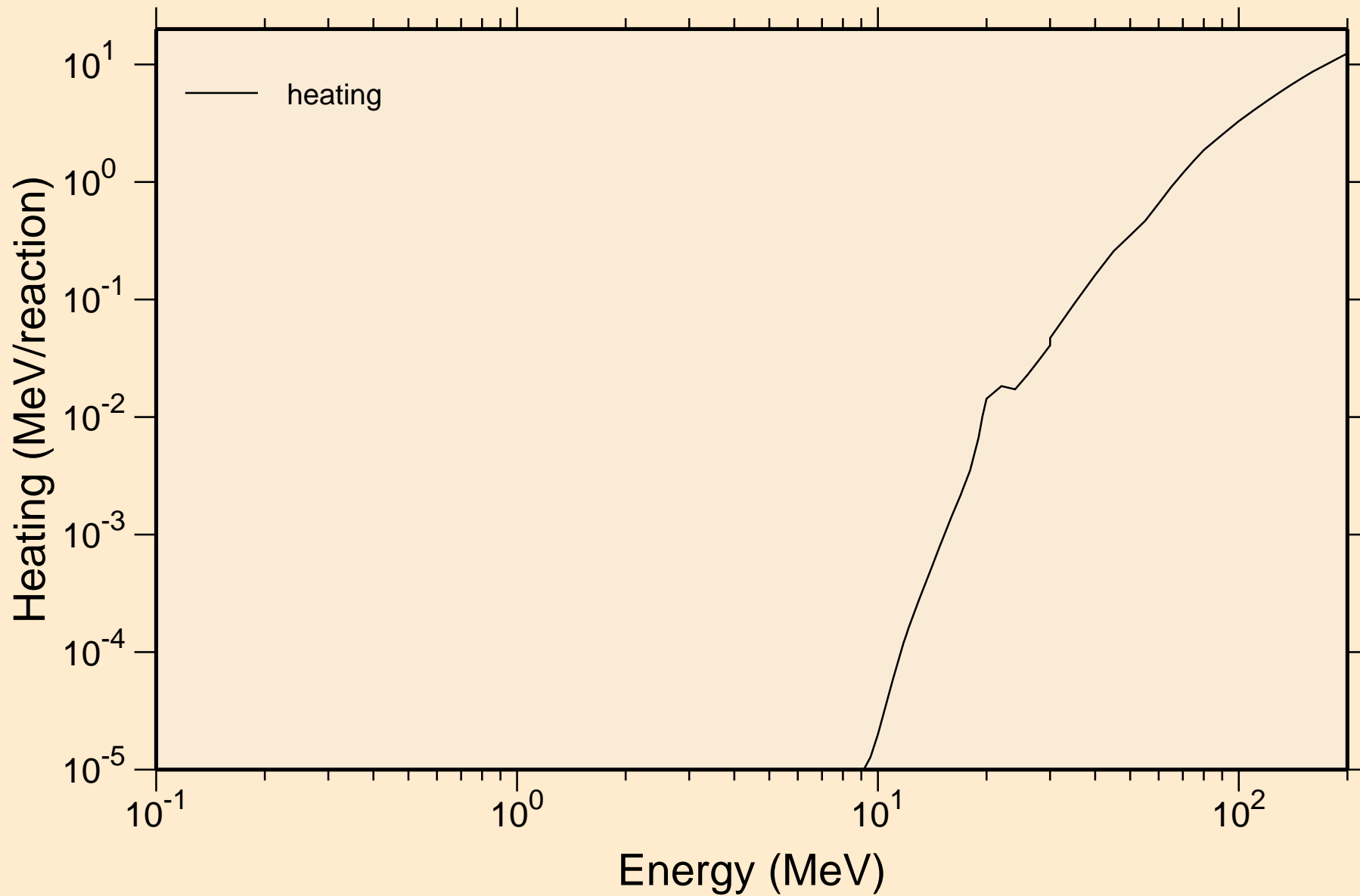


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

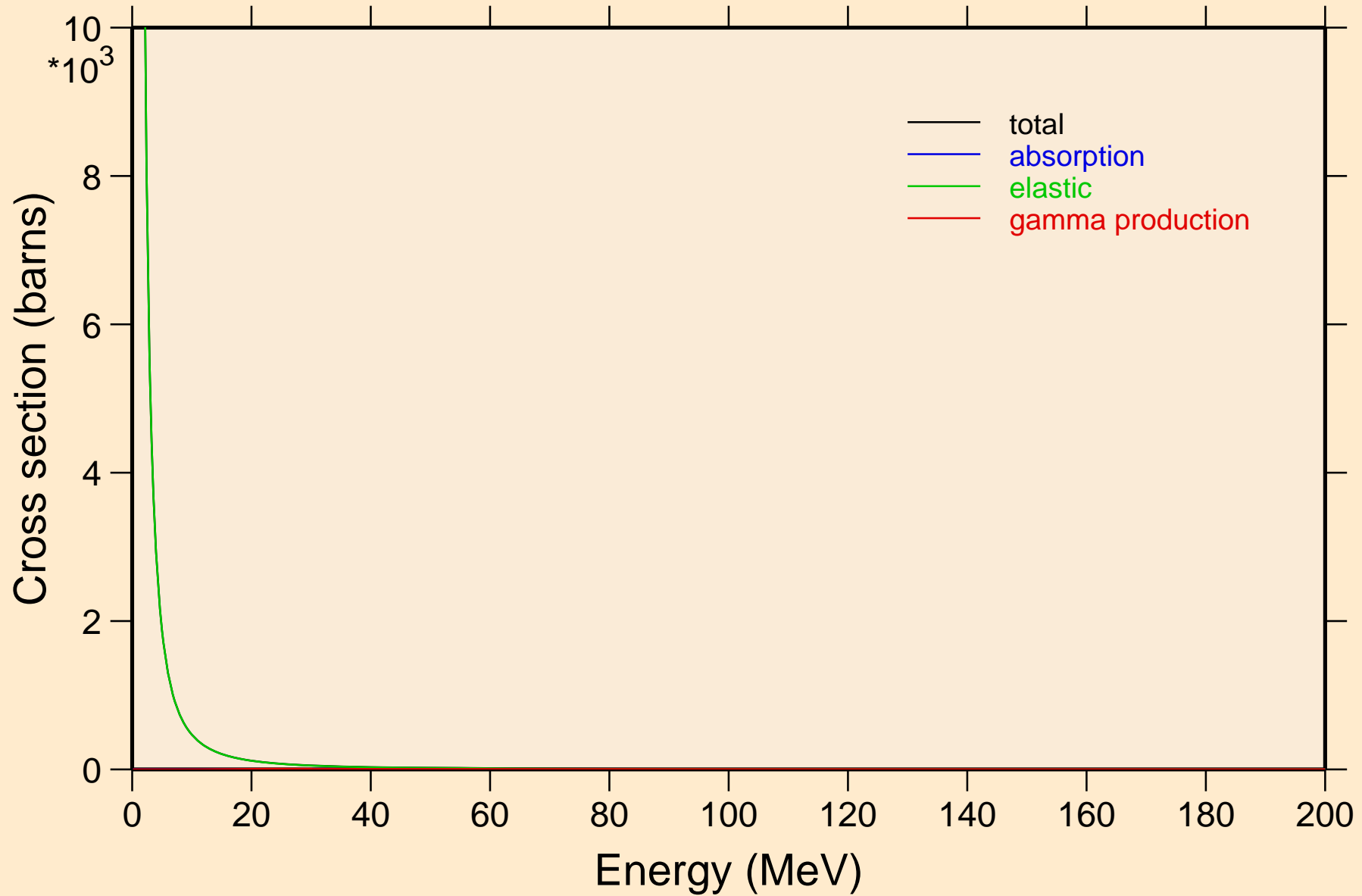


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



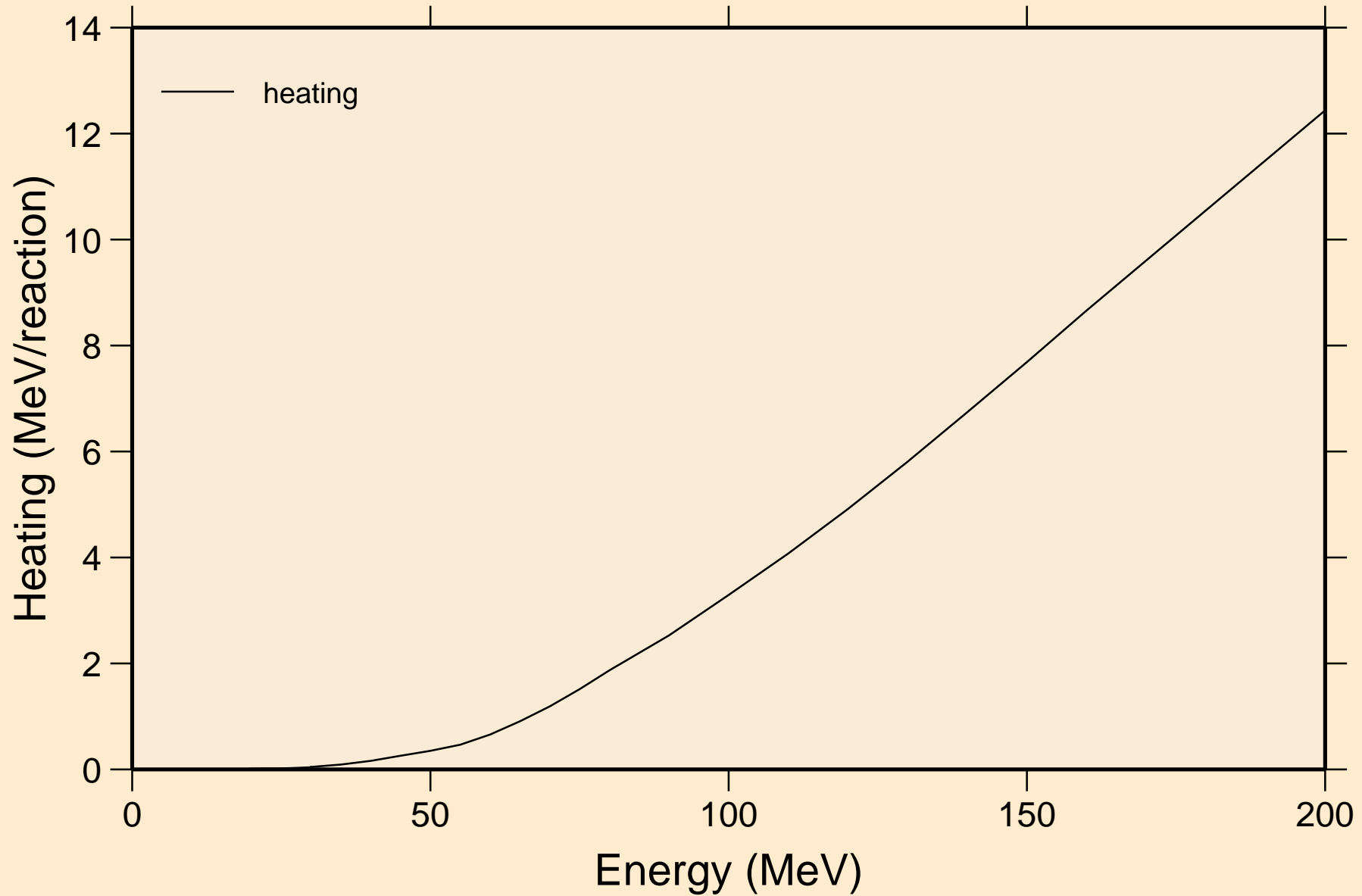
# FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

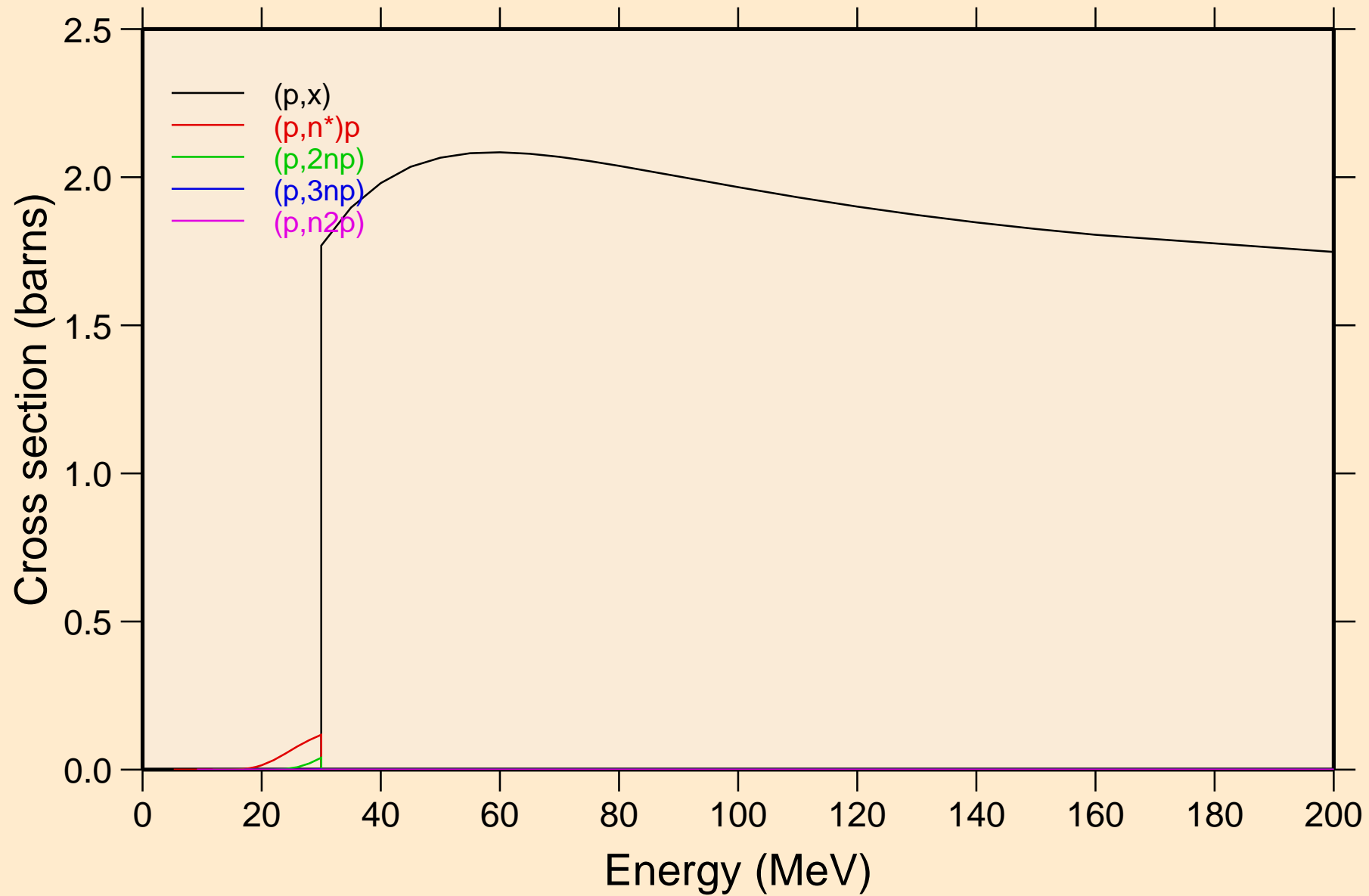


# FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K

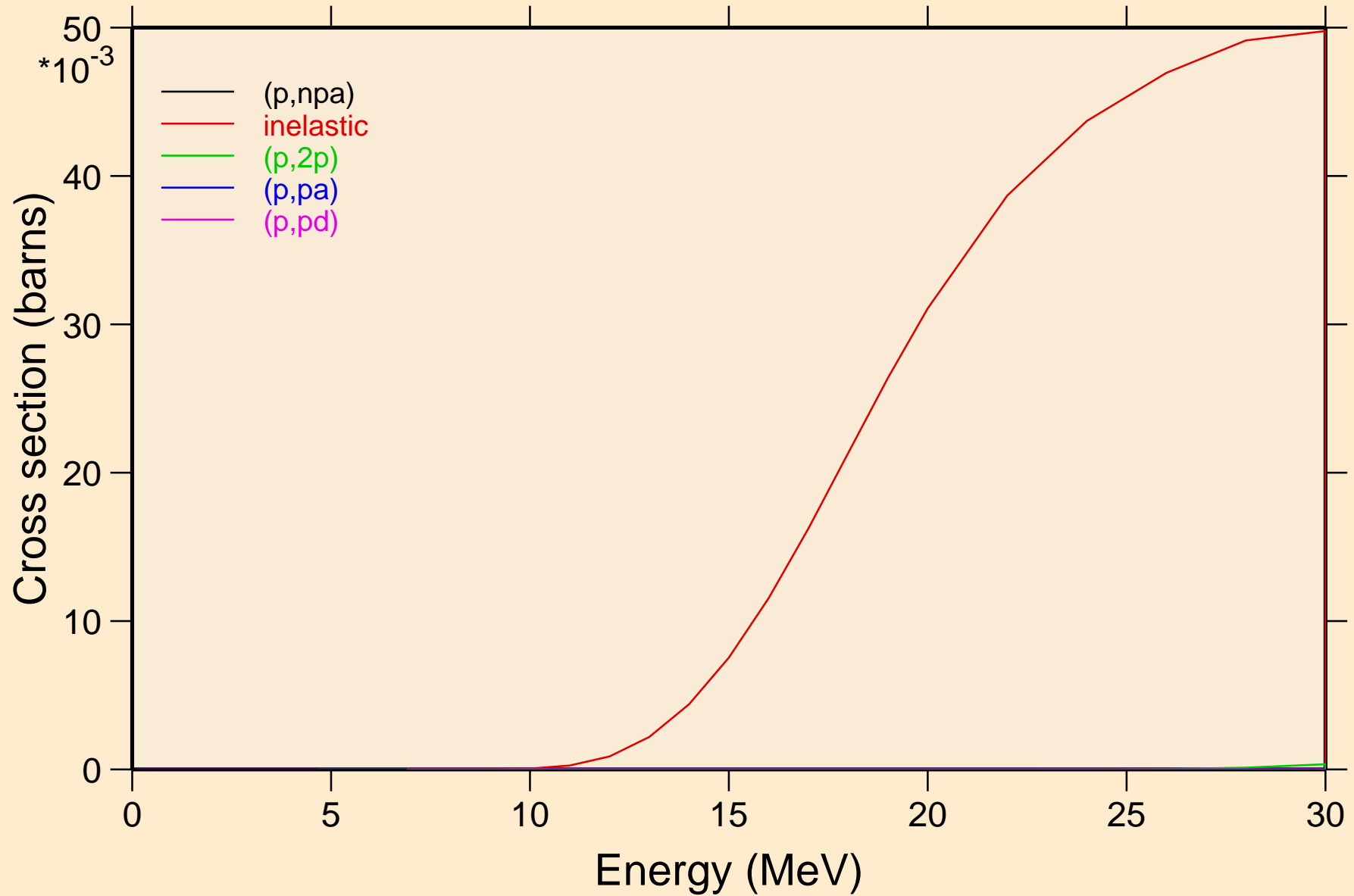
## Heating



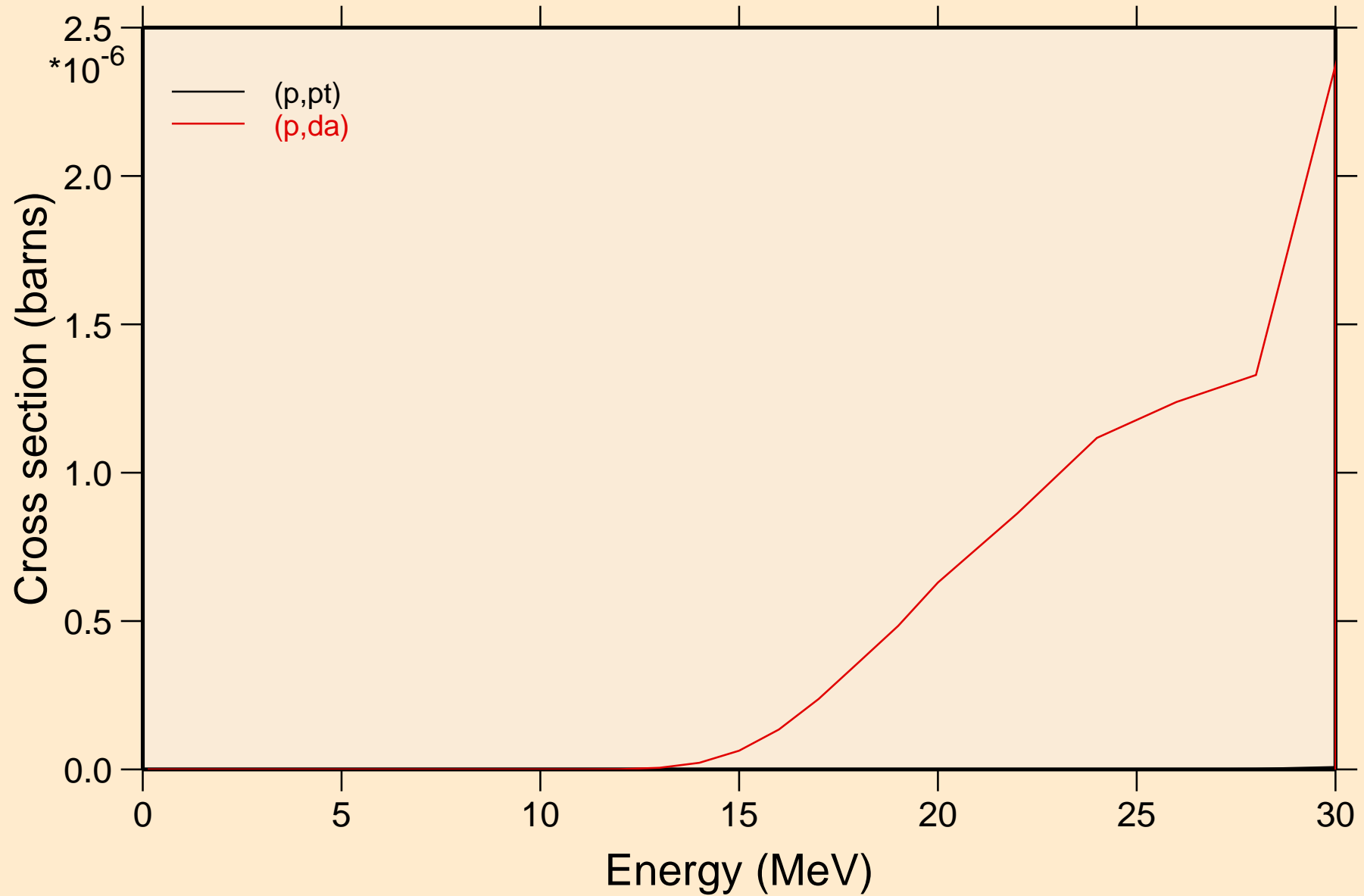
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



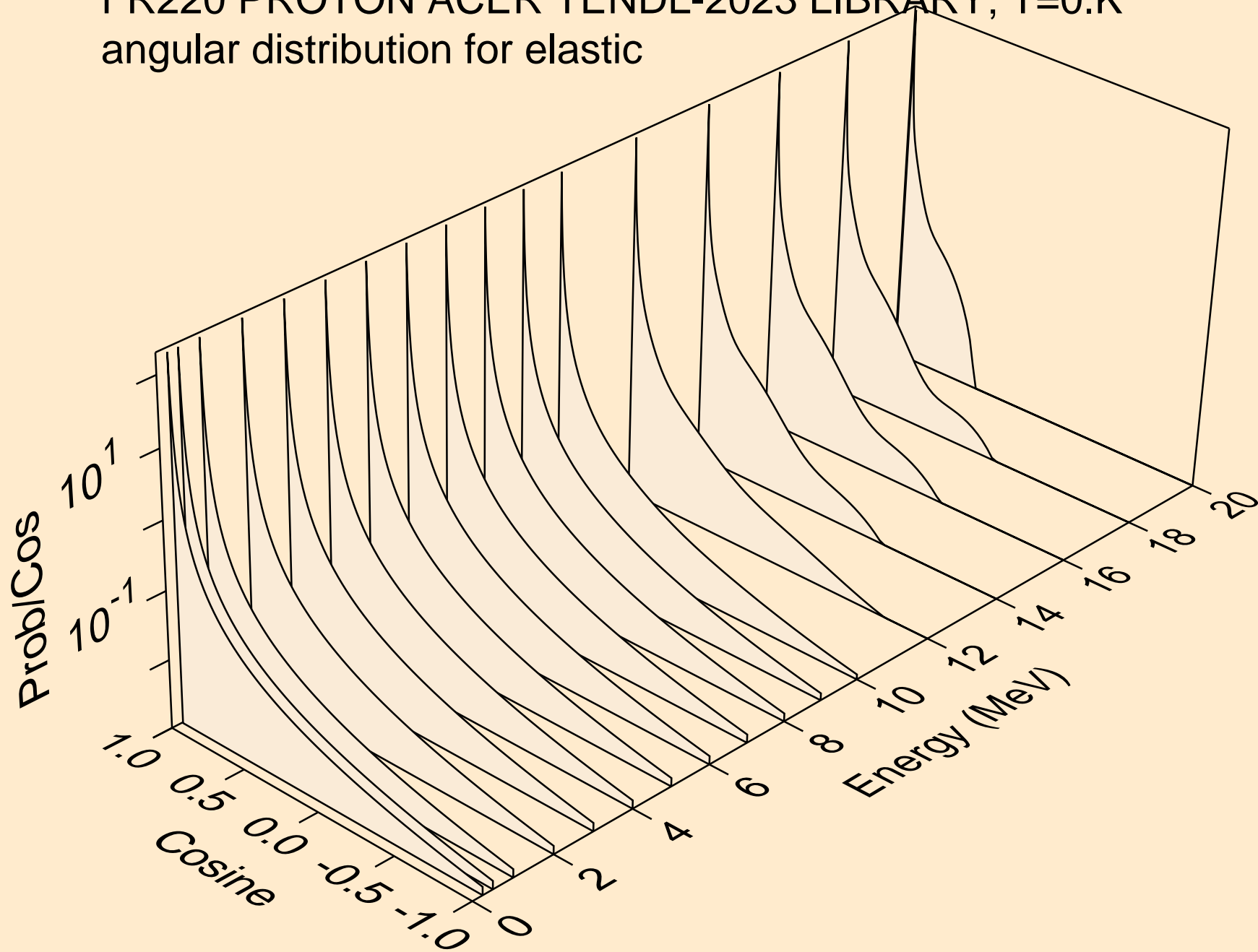
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

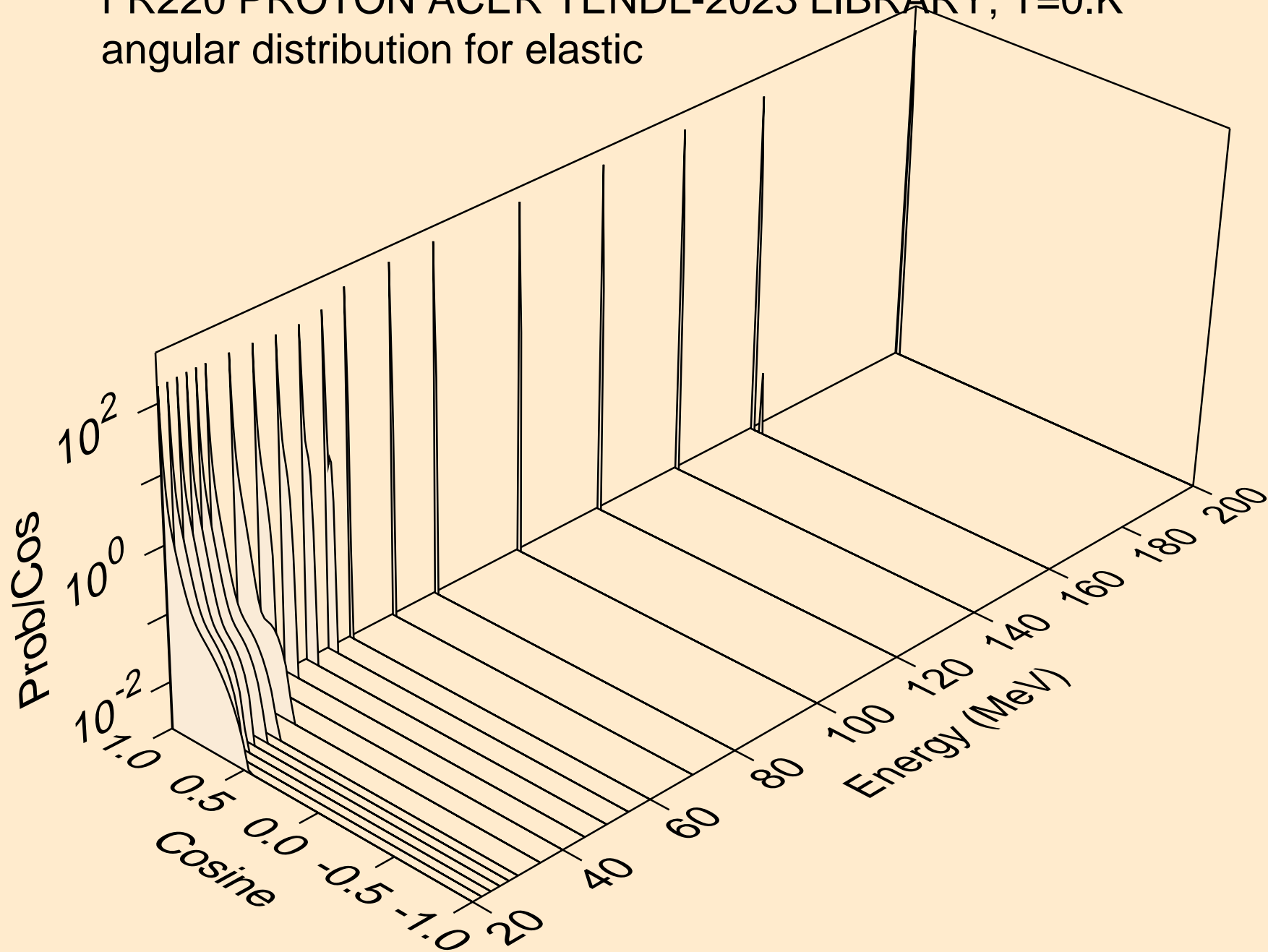


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

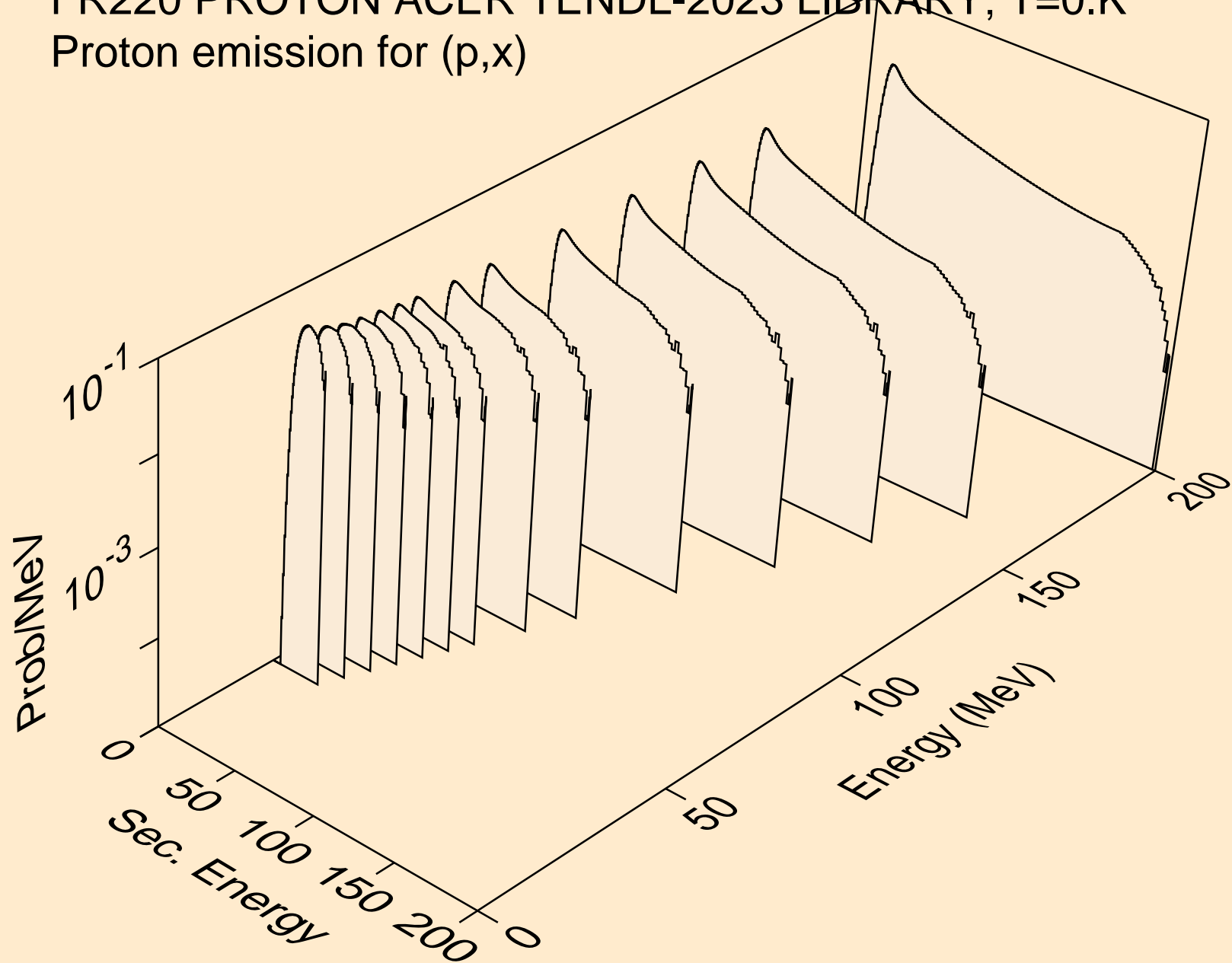




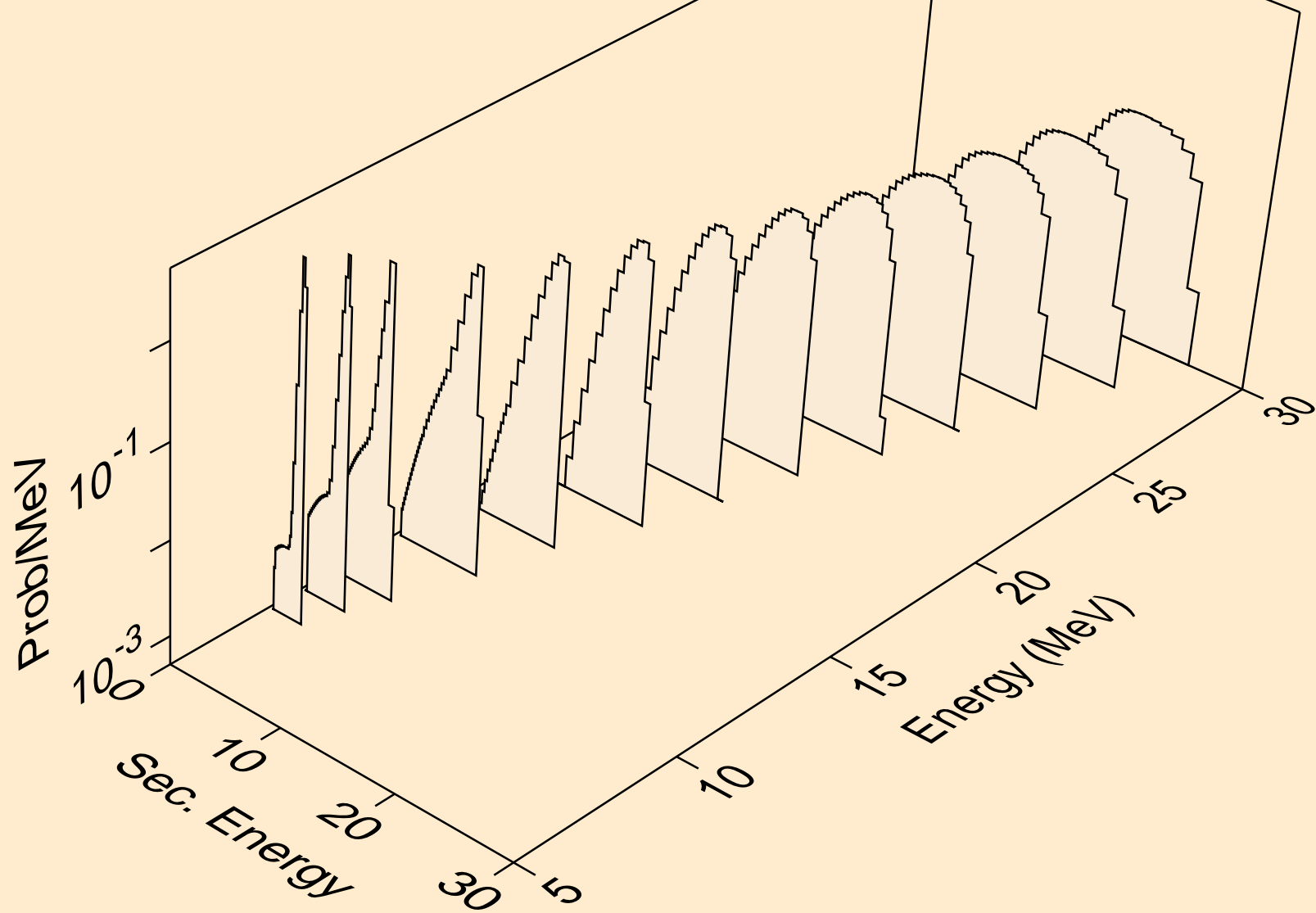
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



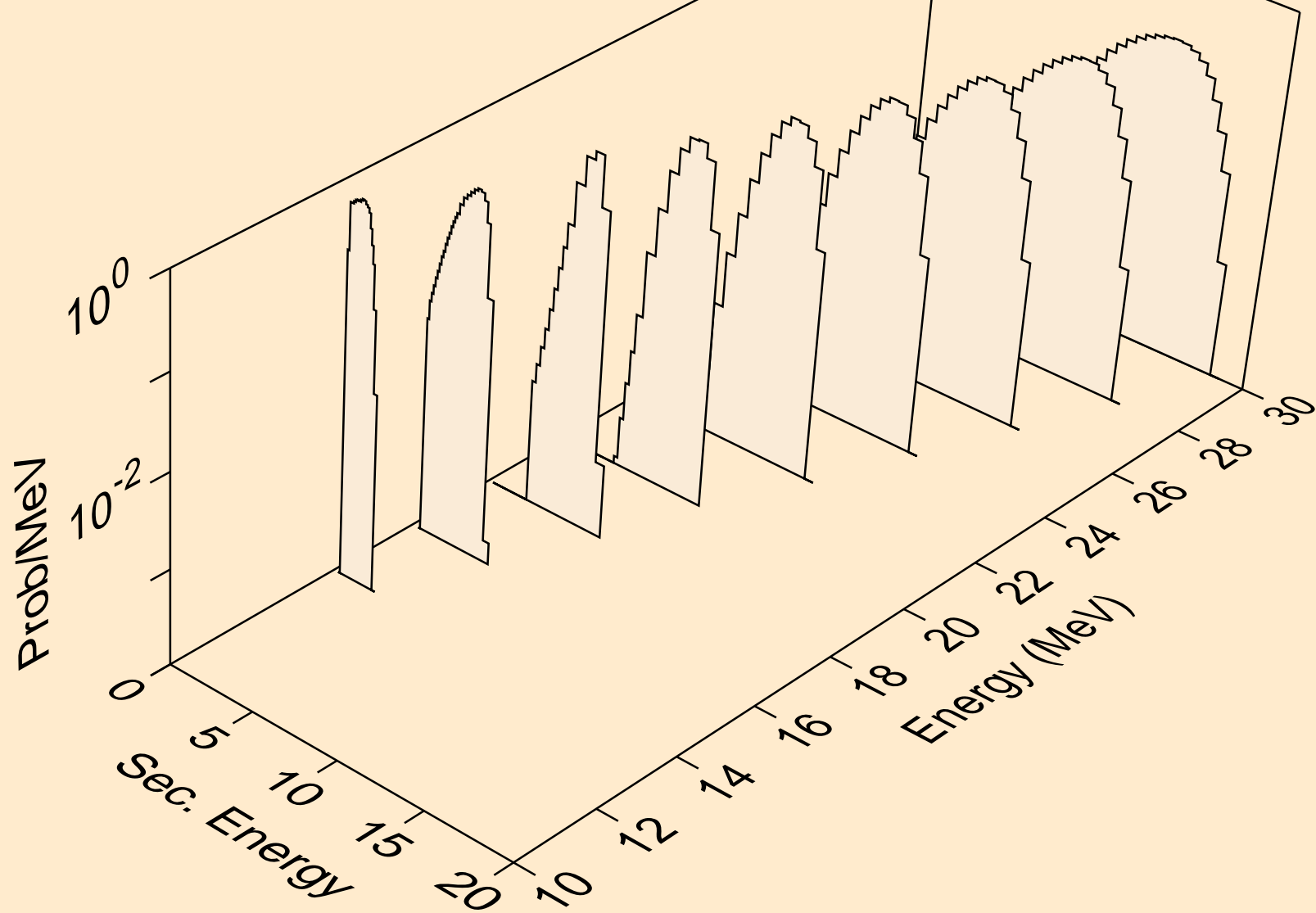
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



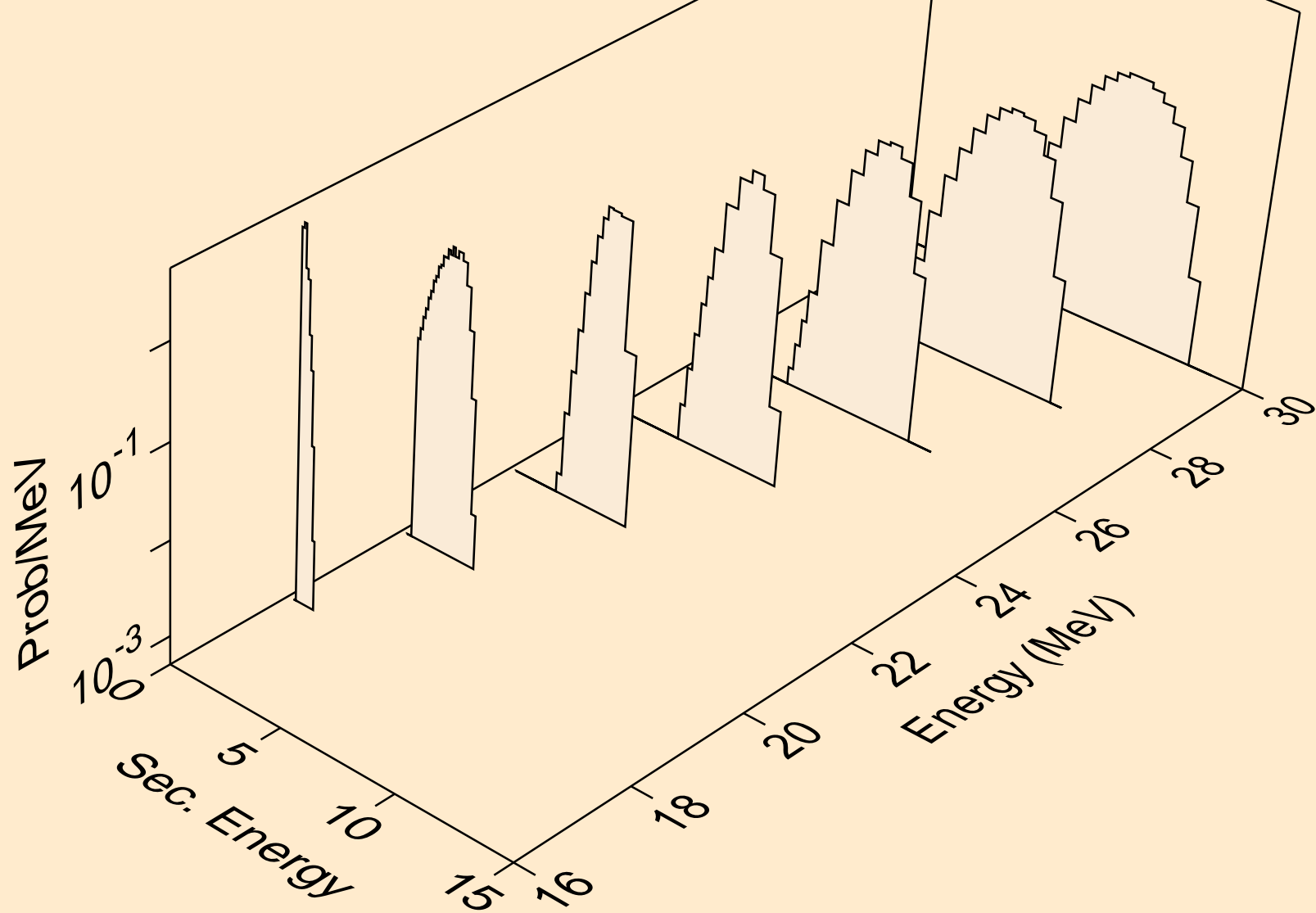
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



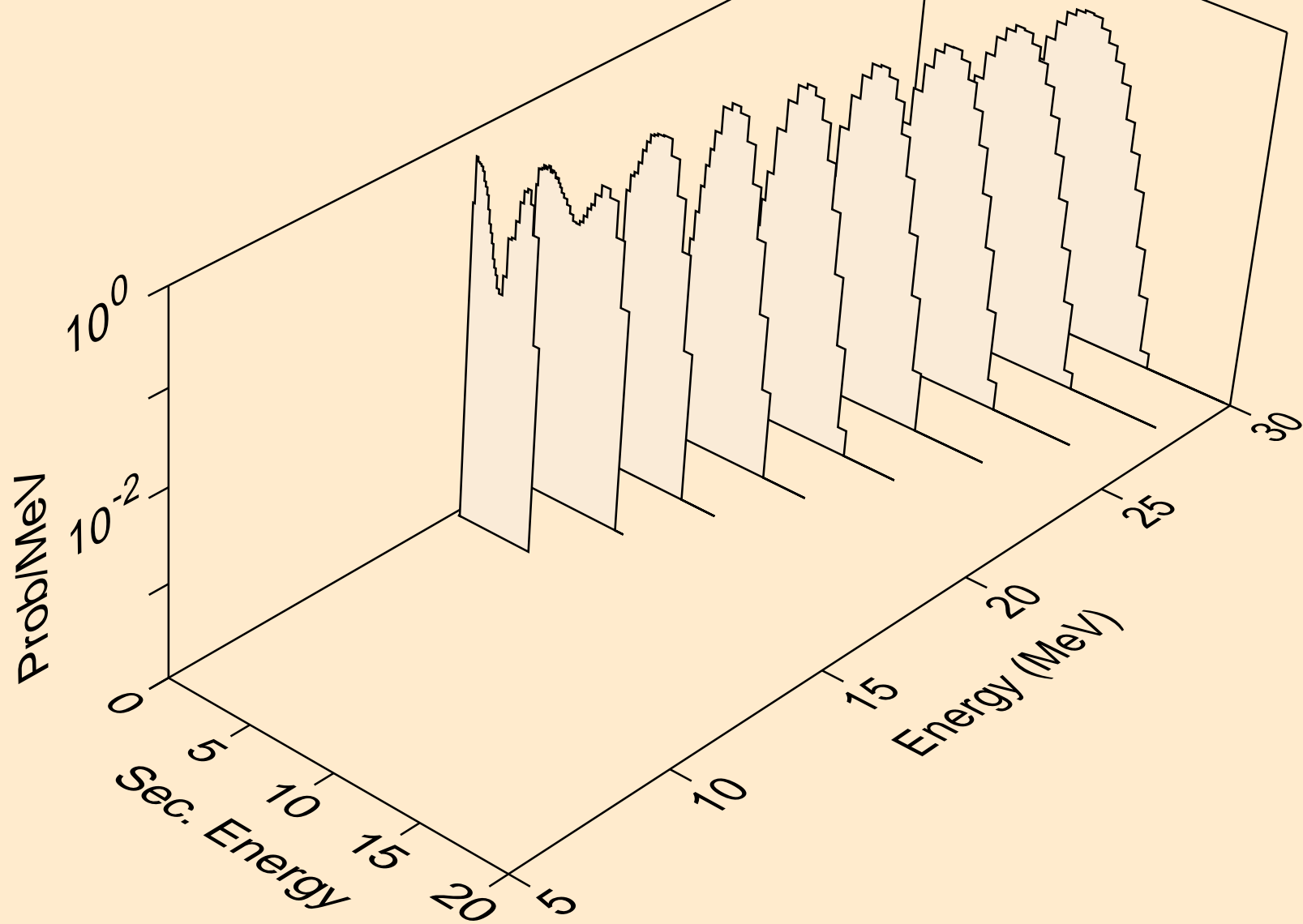
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



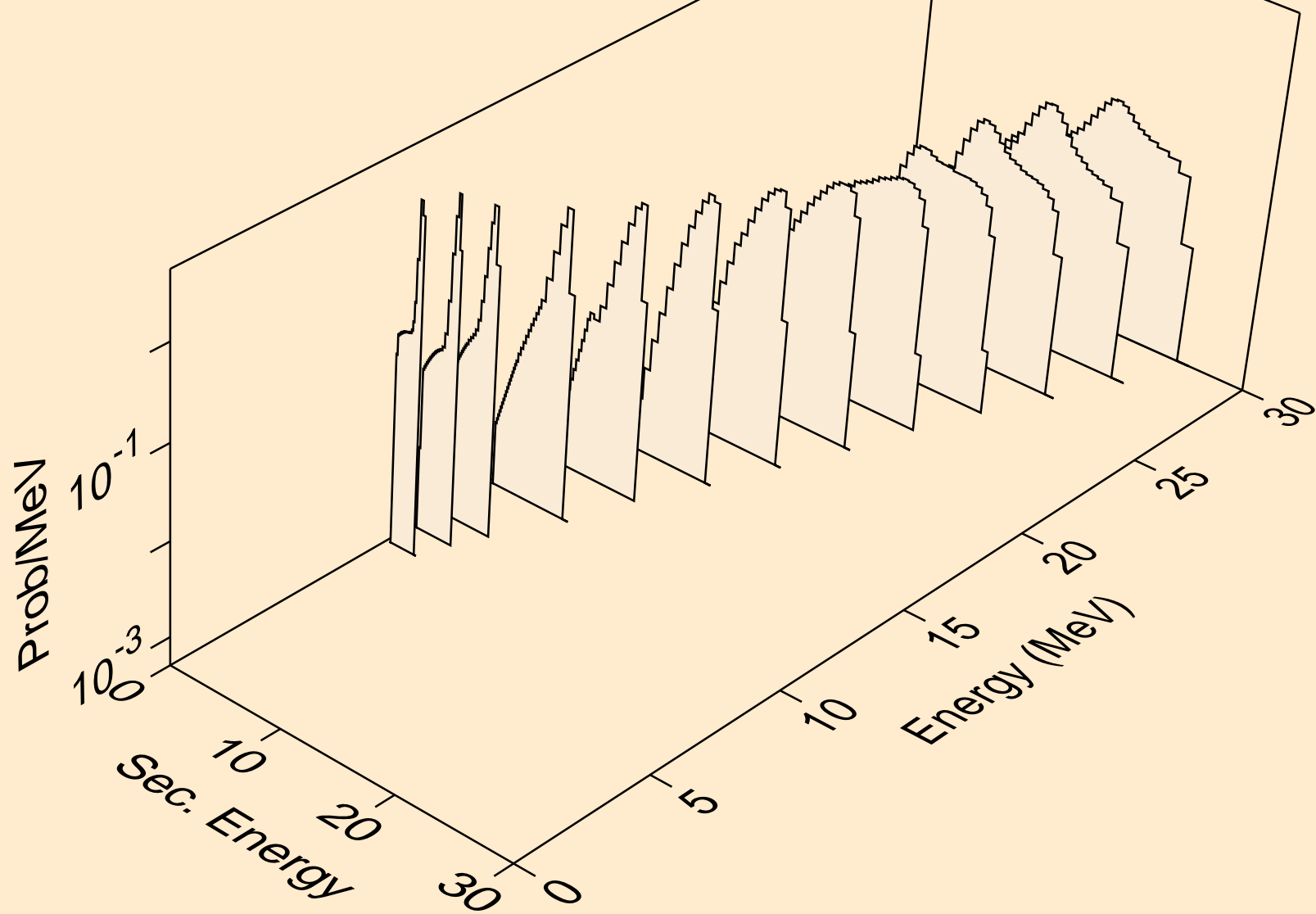
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



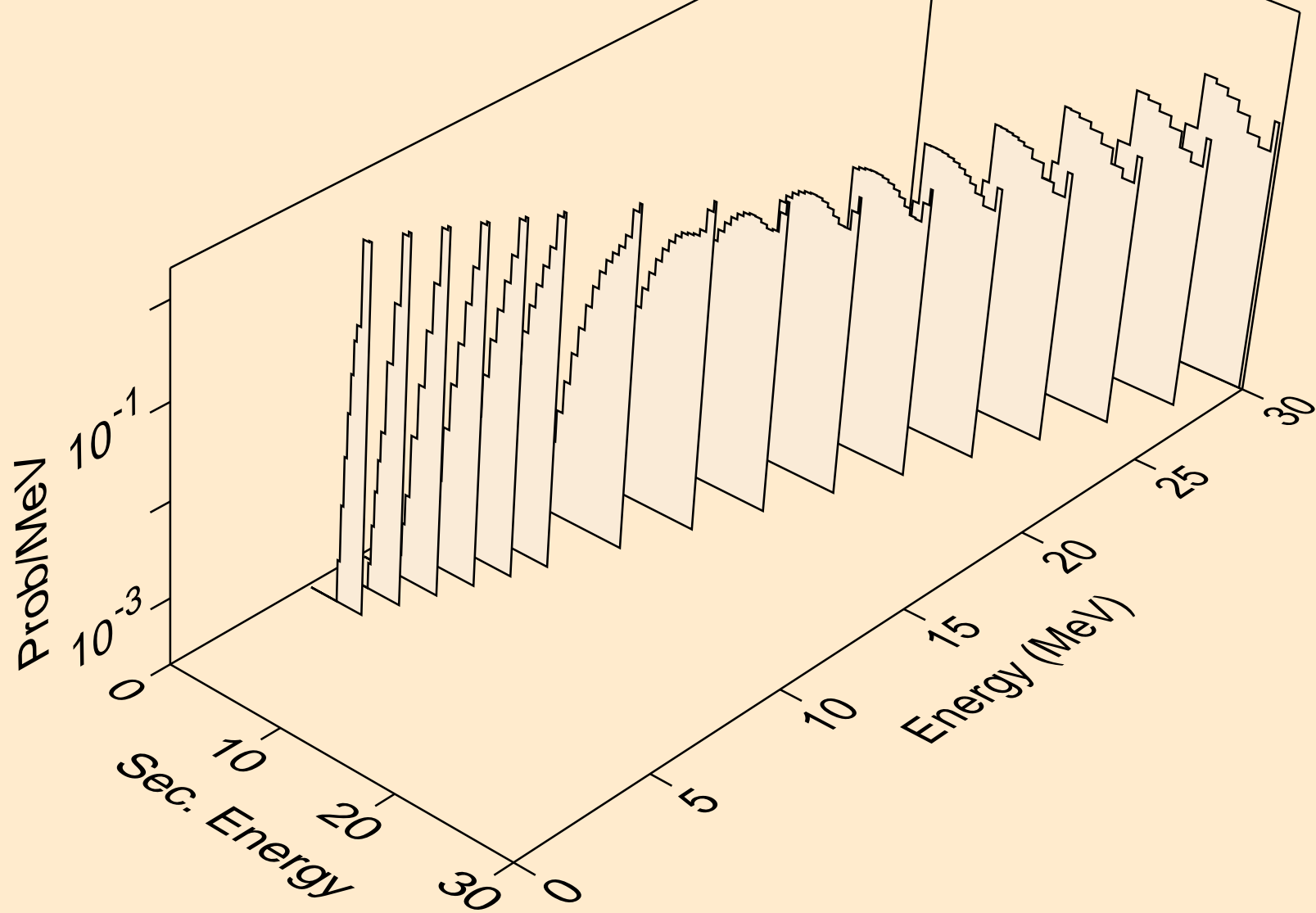
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

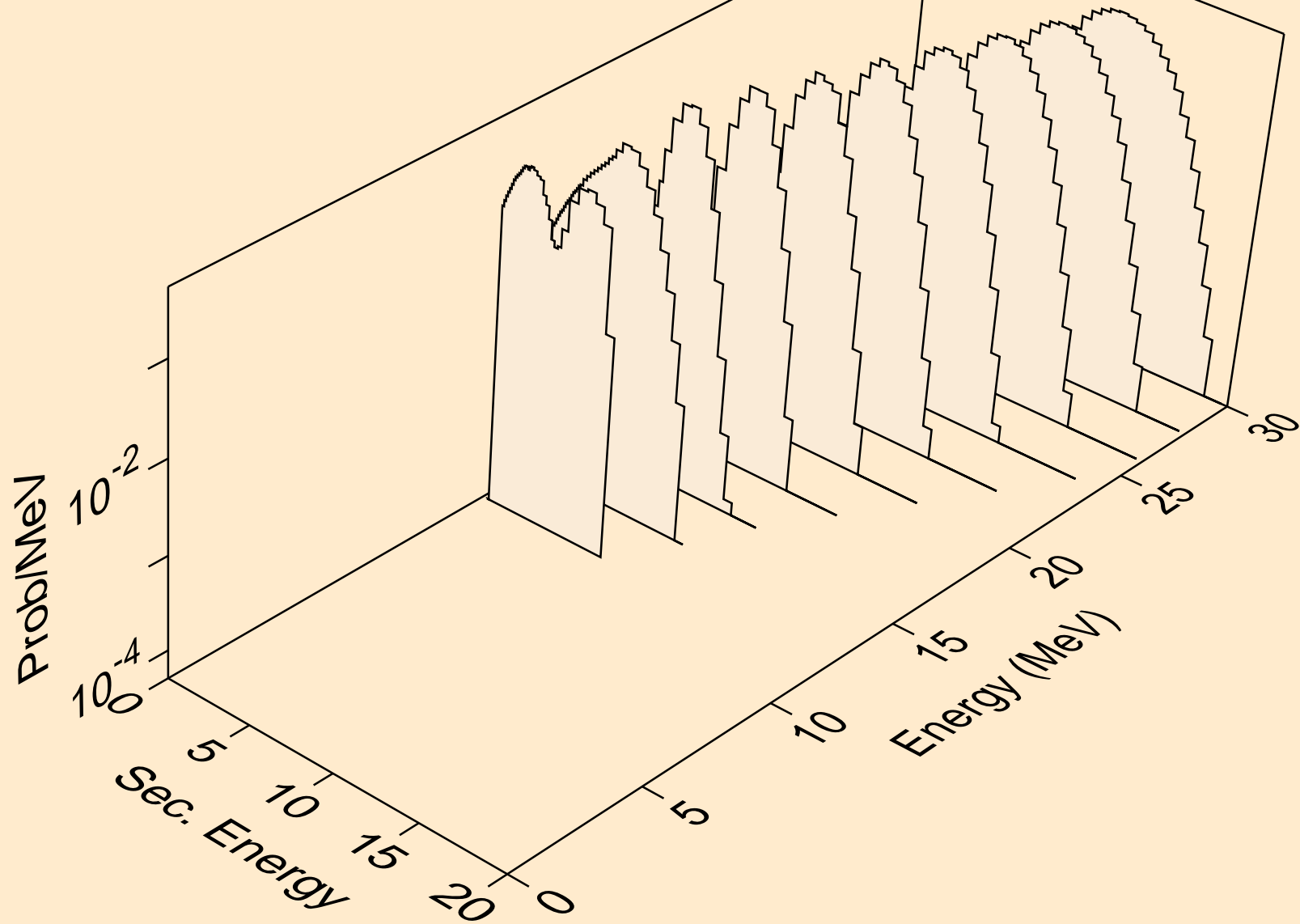


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

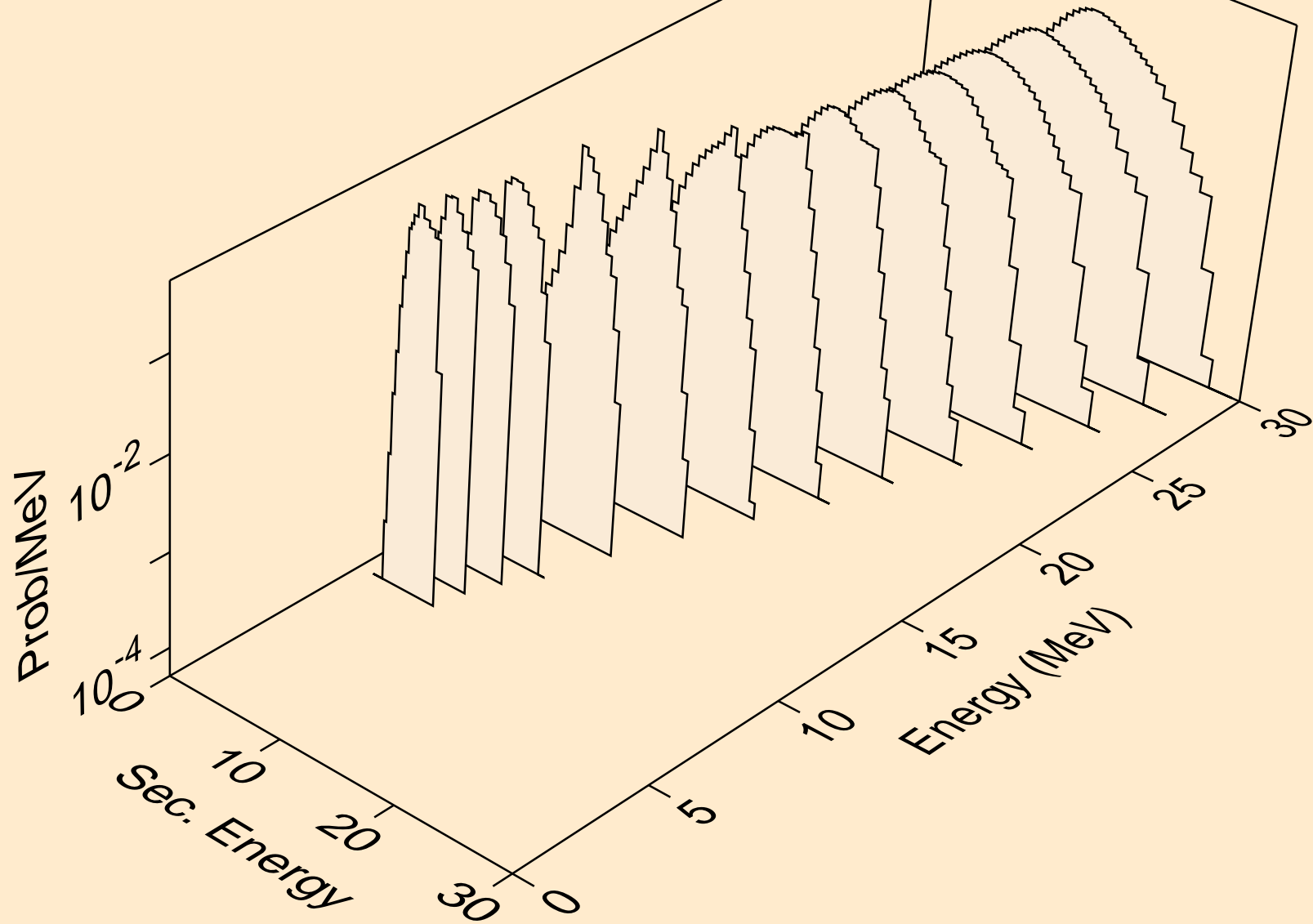




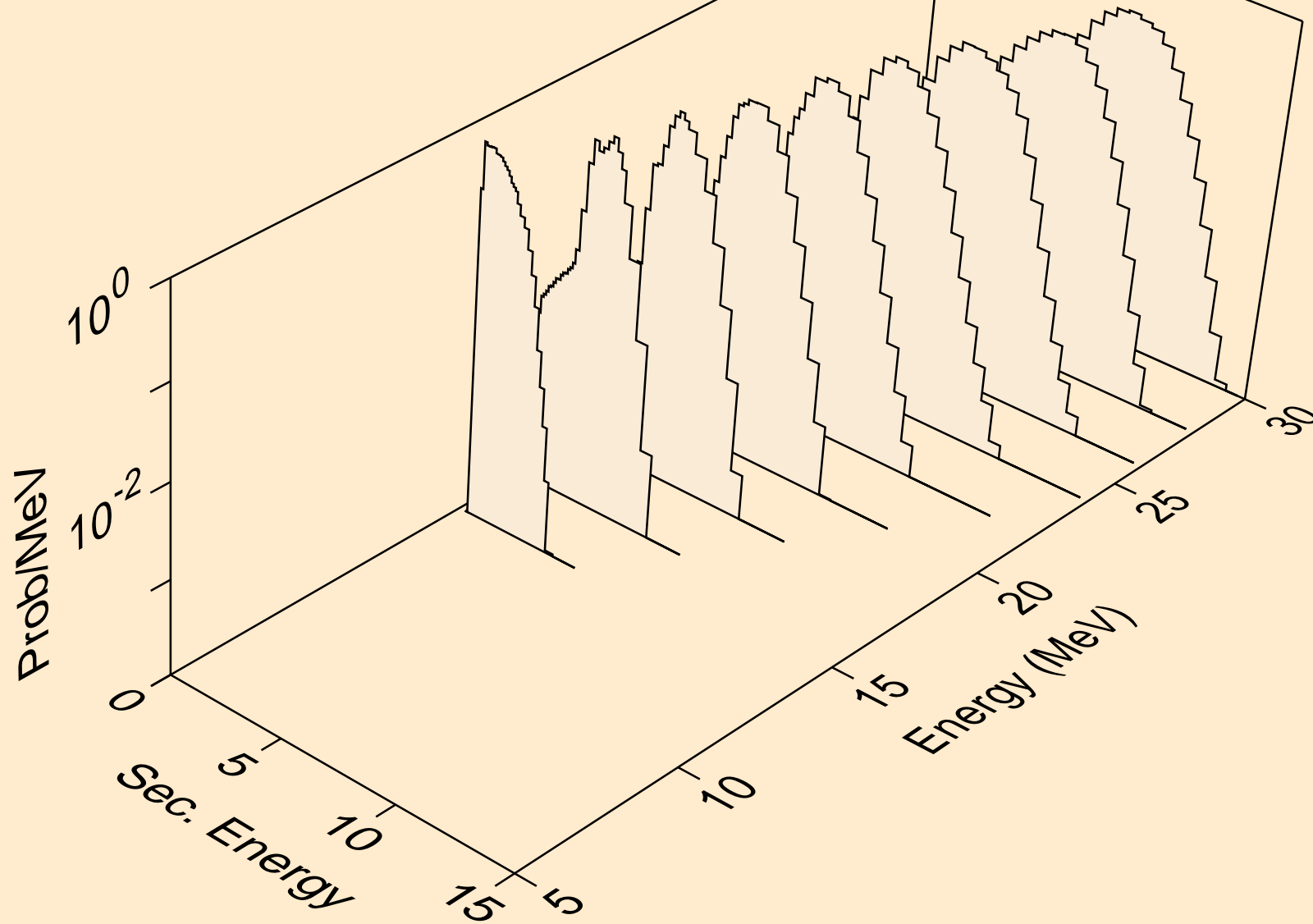
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



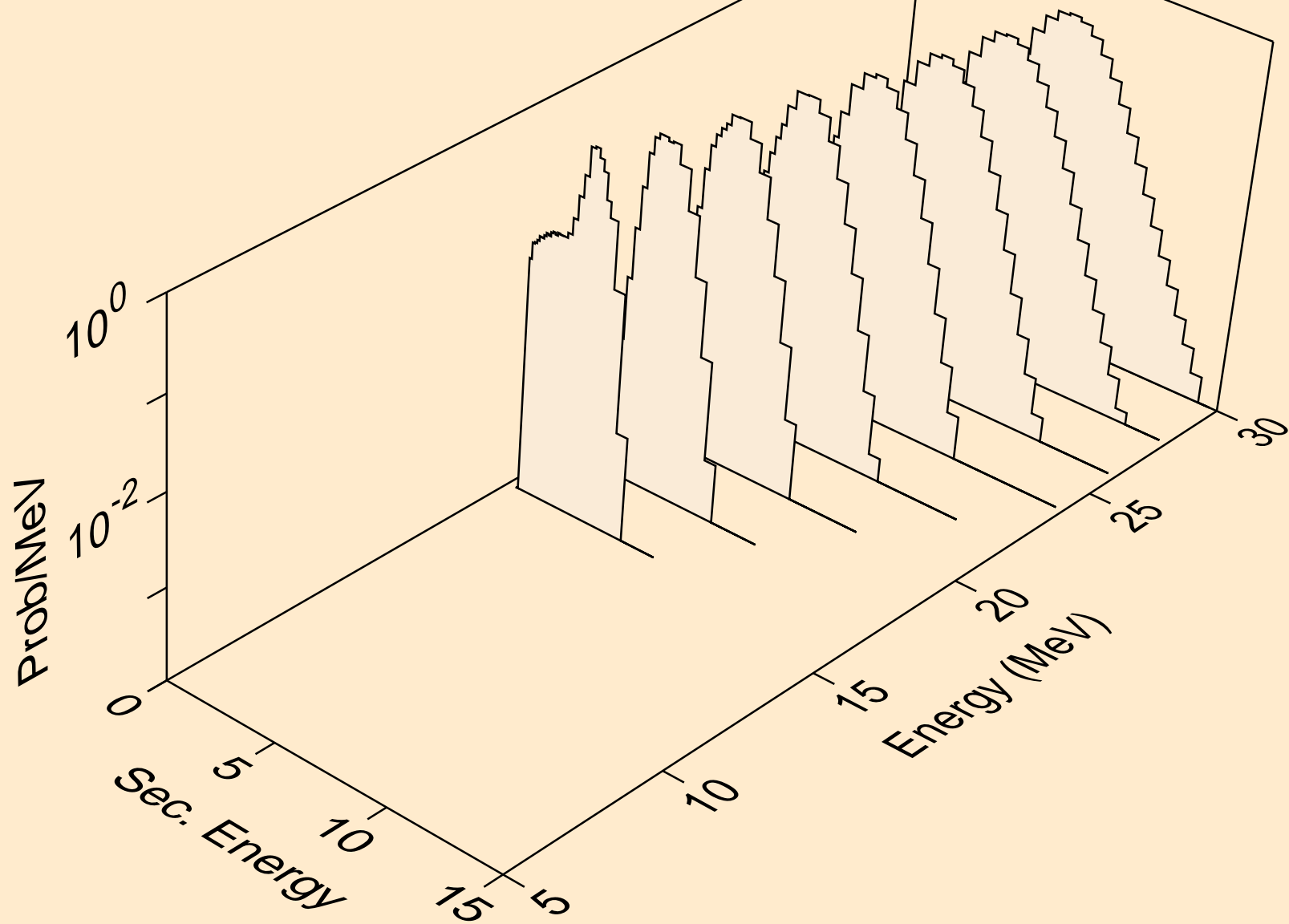
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



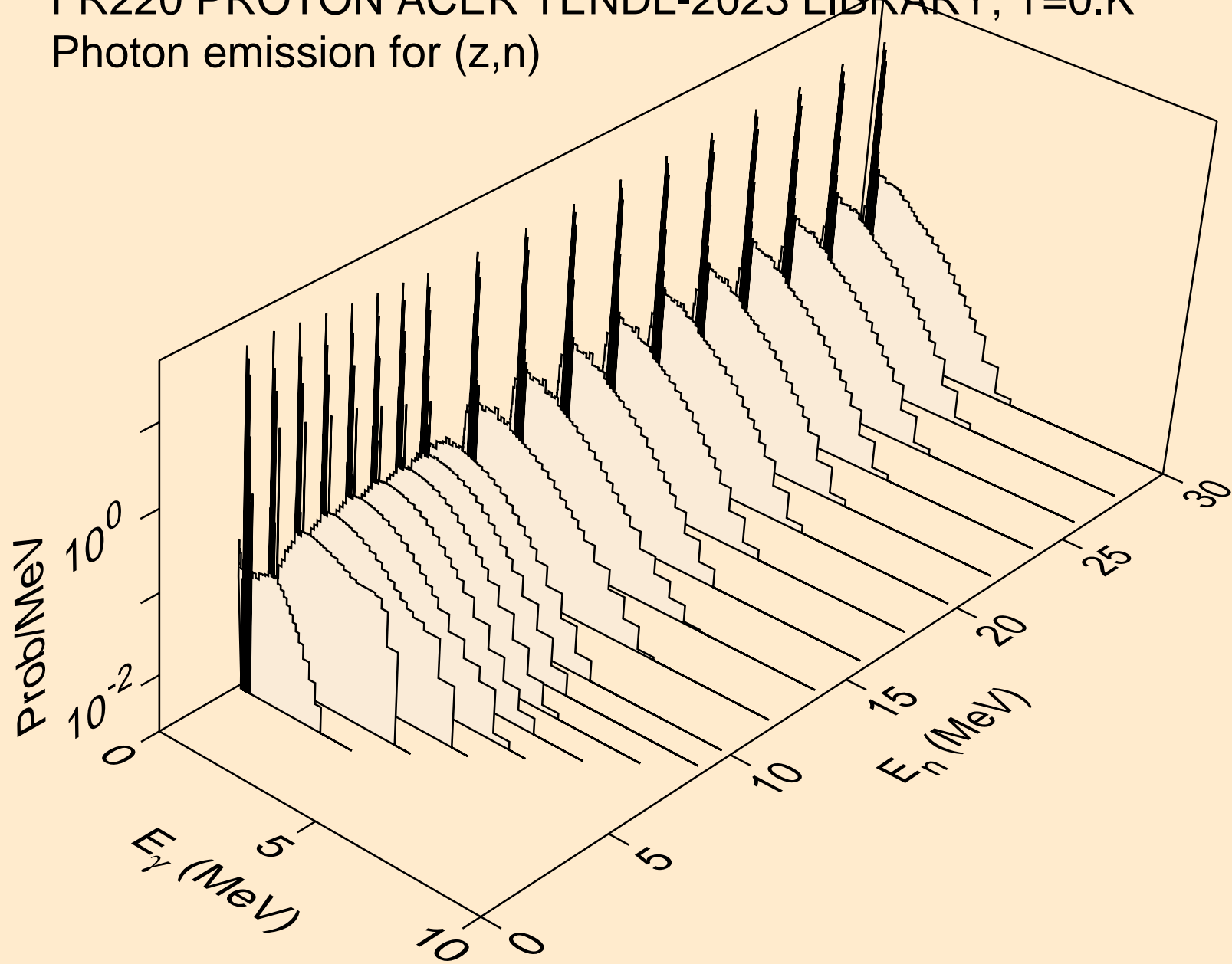
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



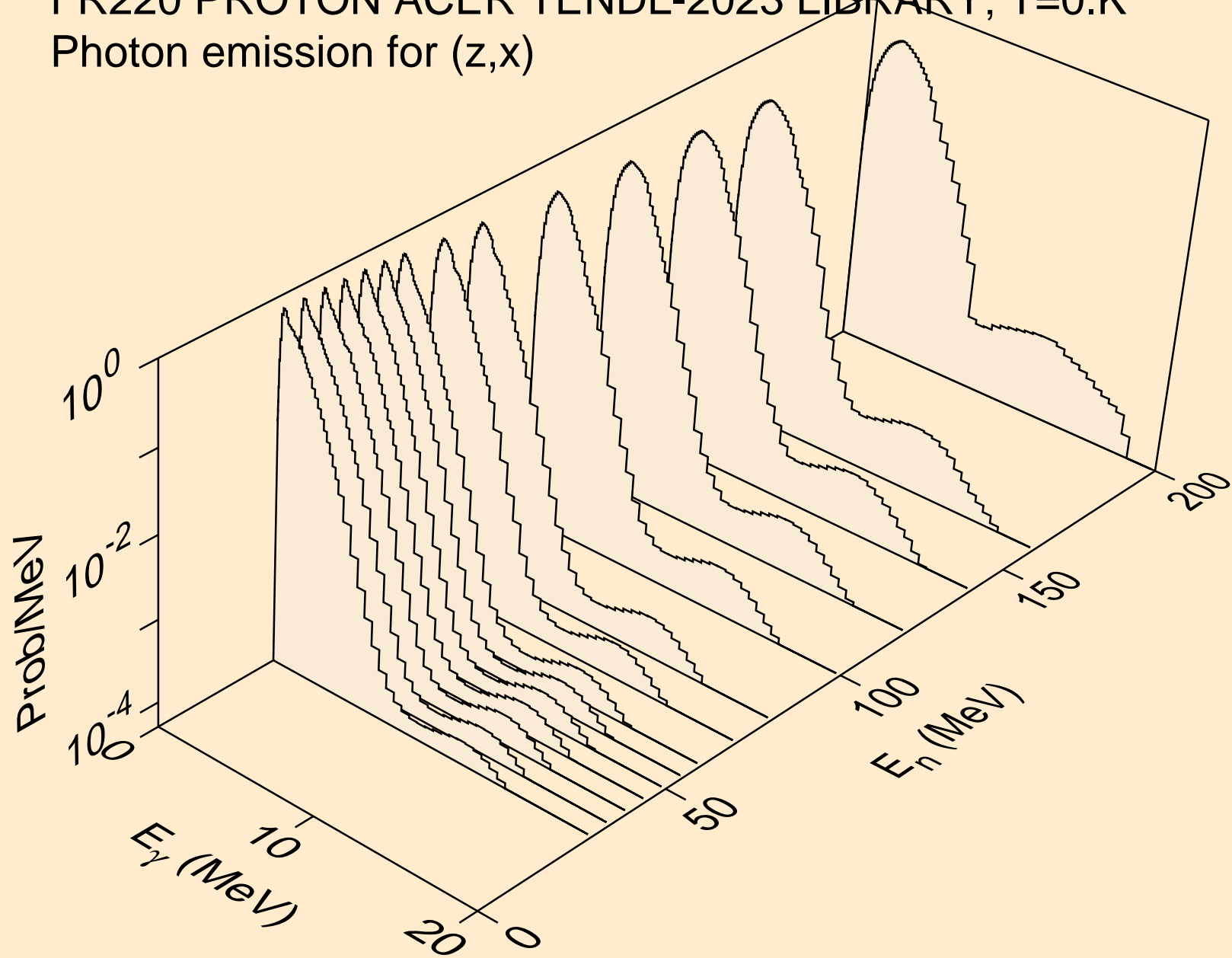
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



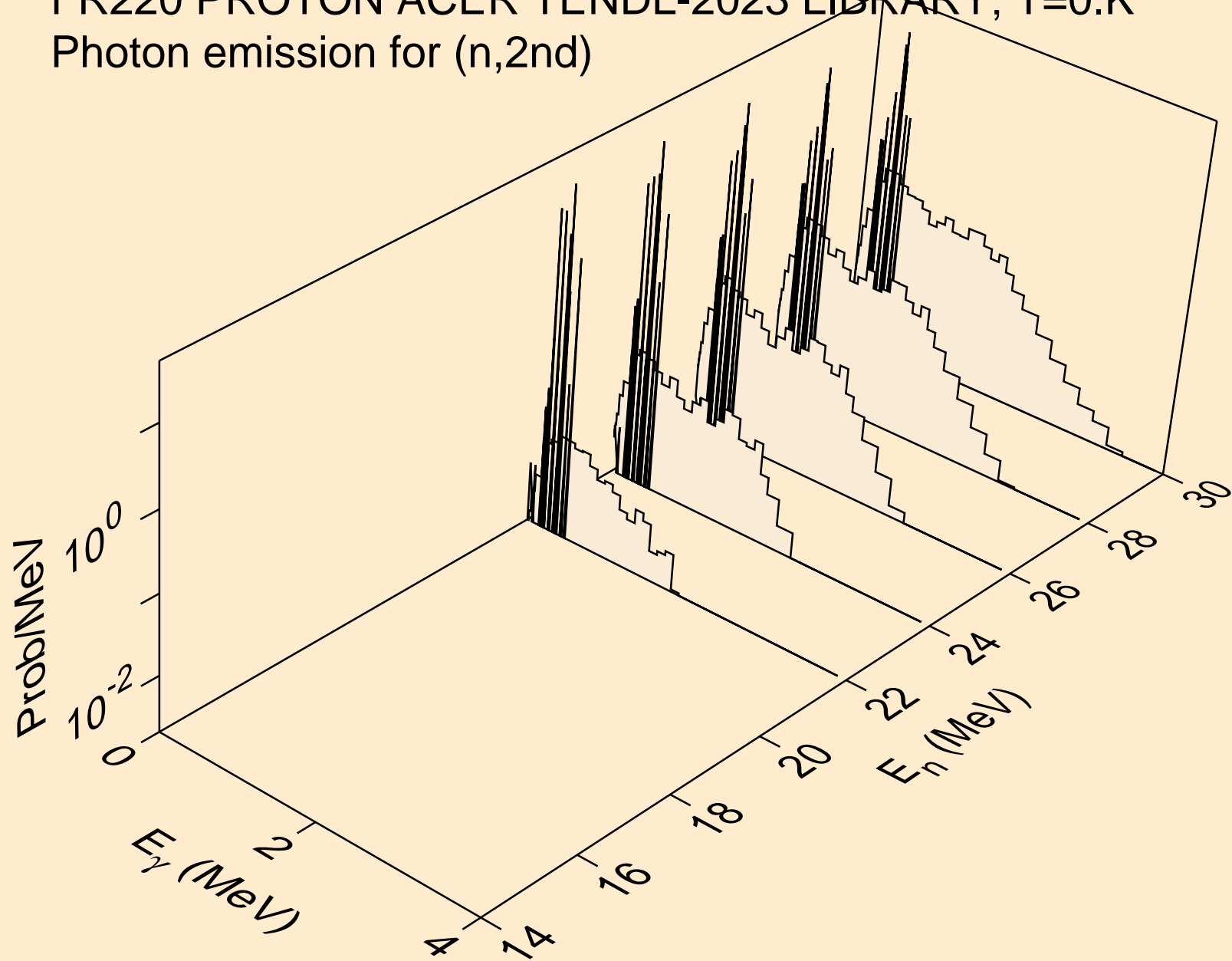
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



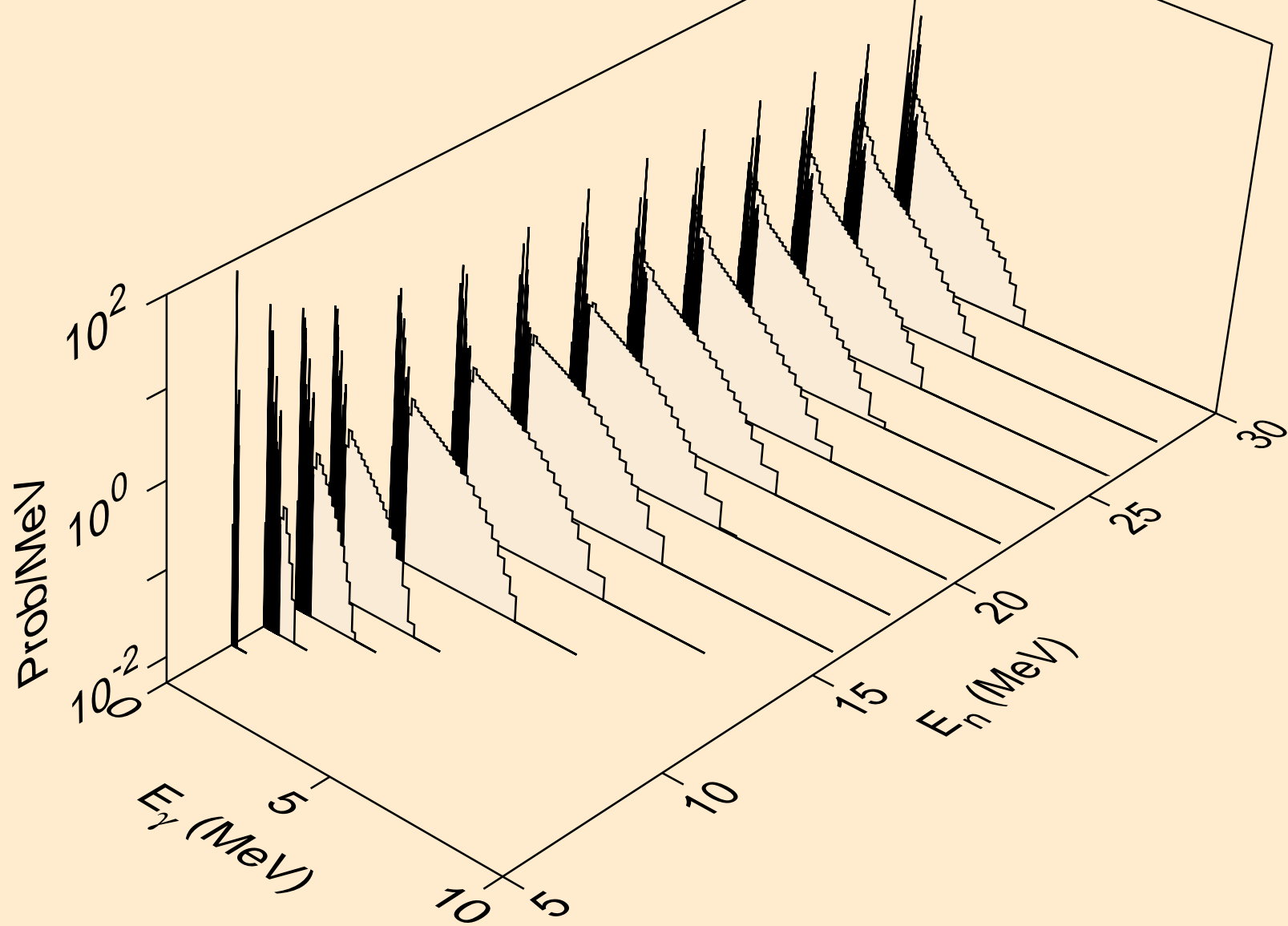
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

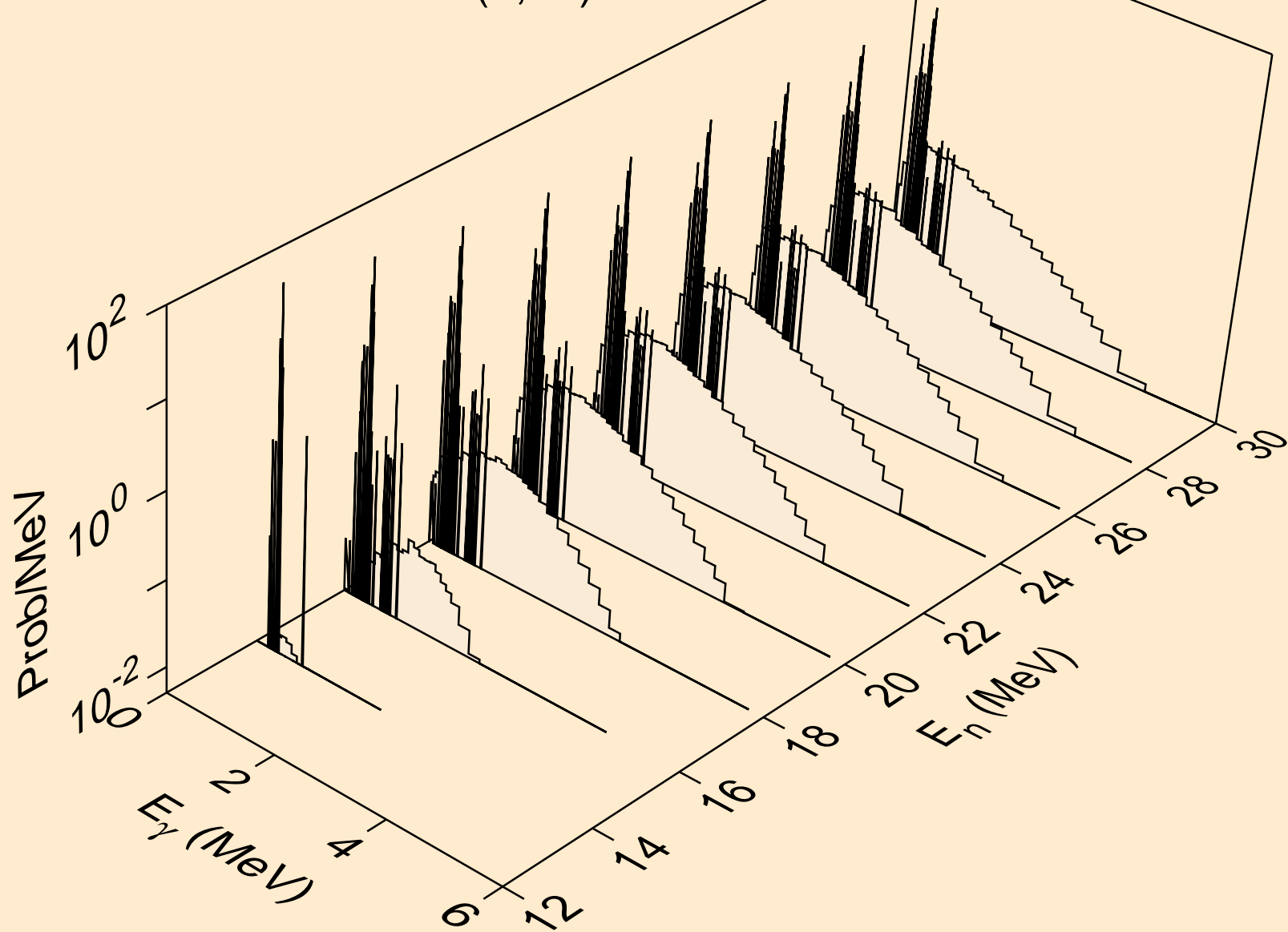


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

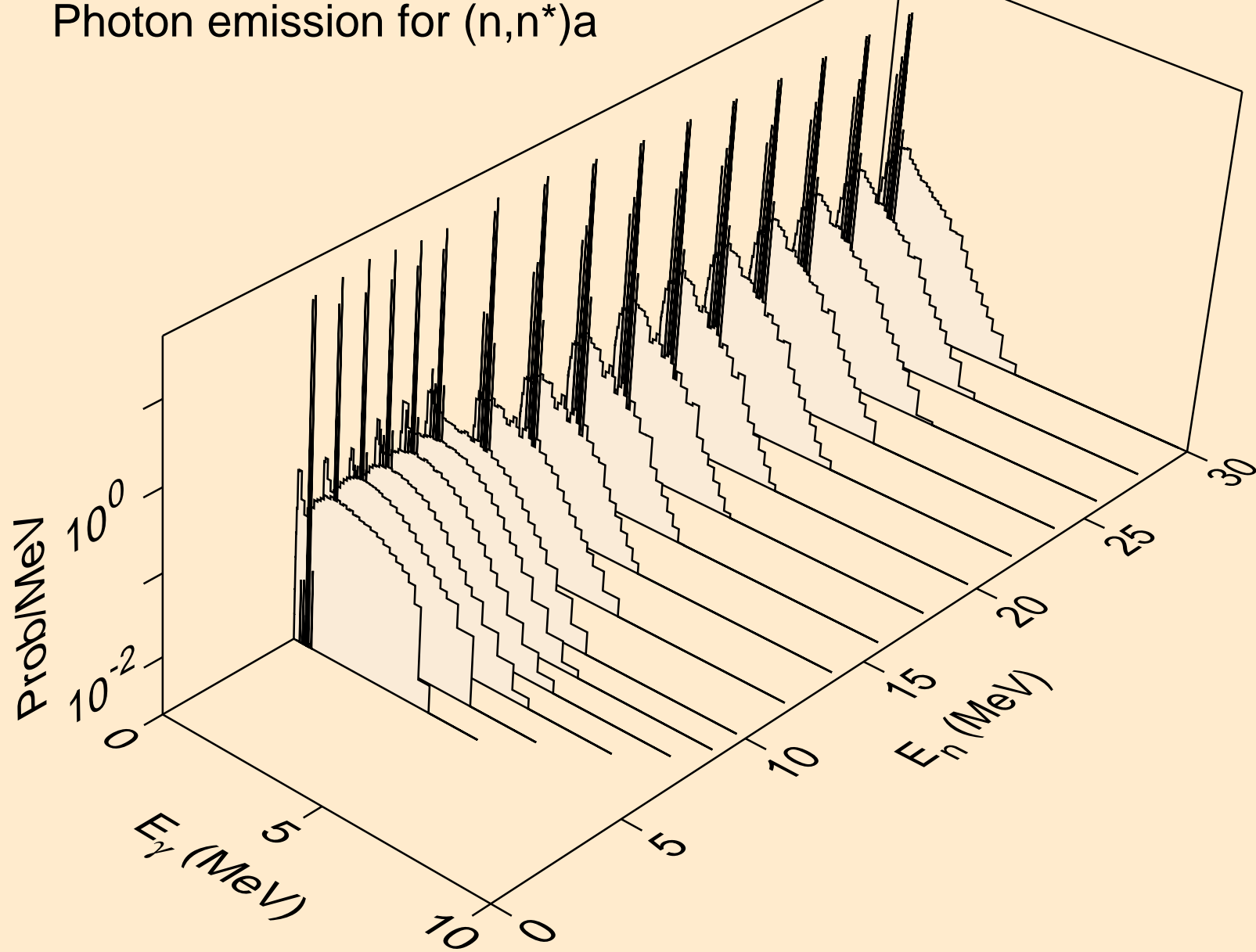




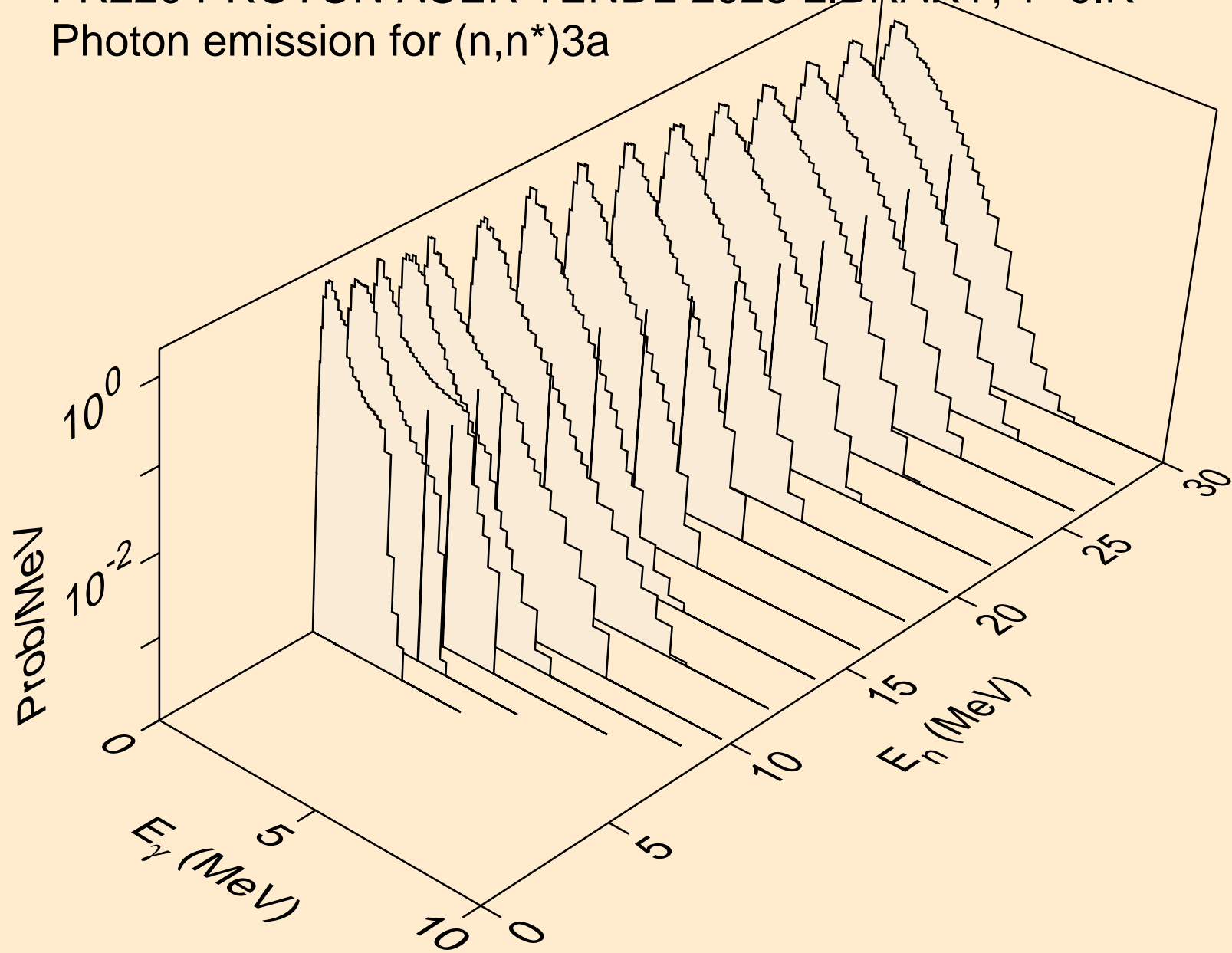
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



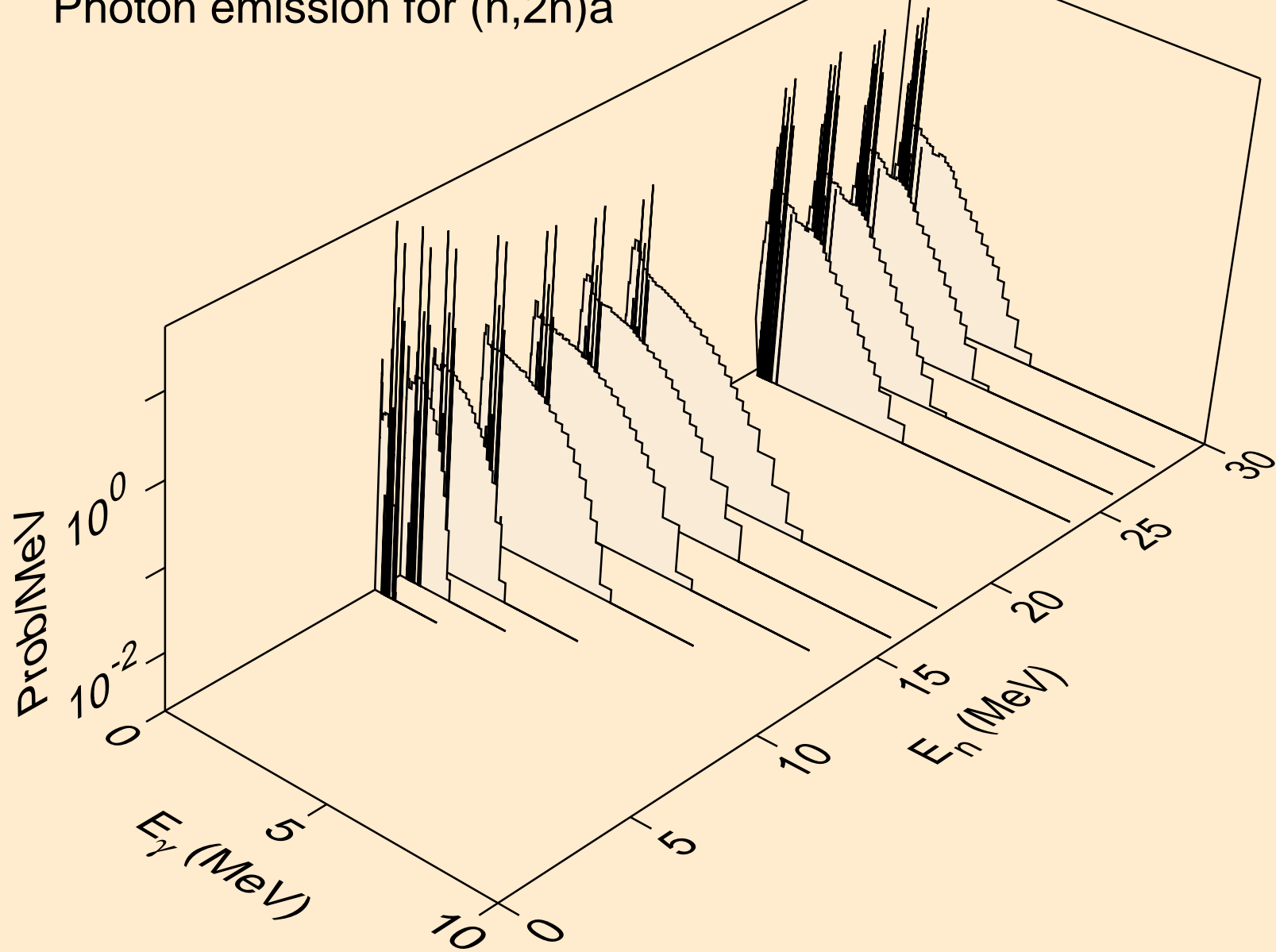
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



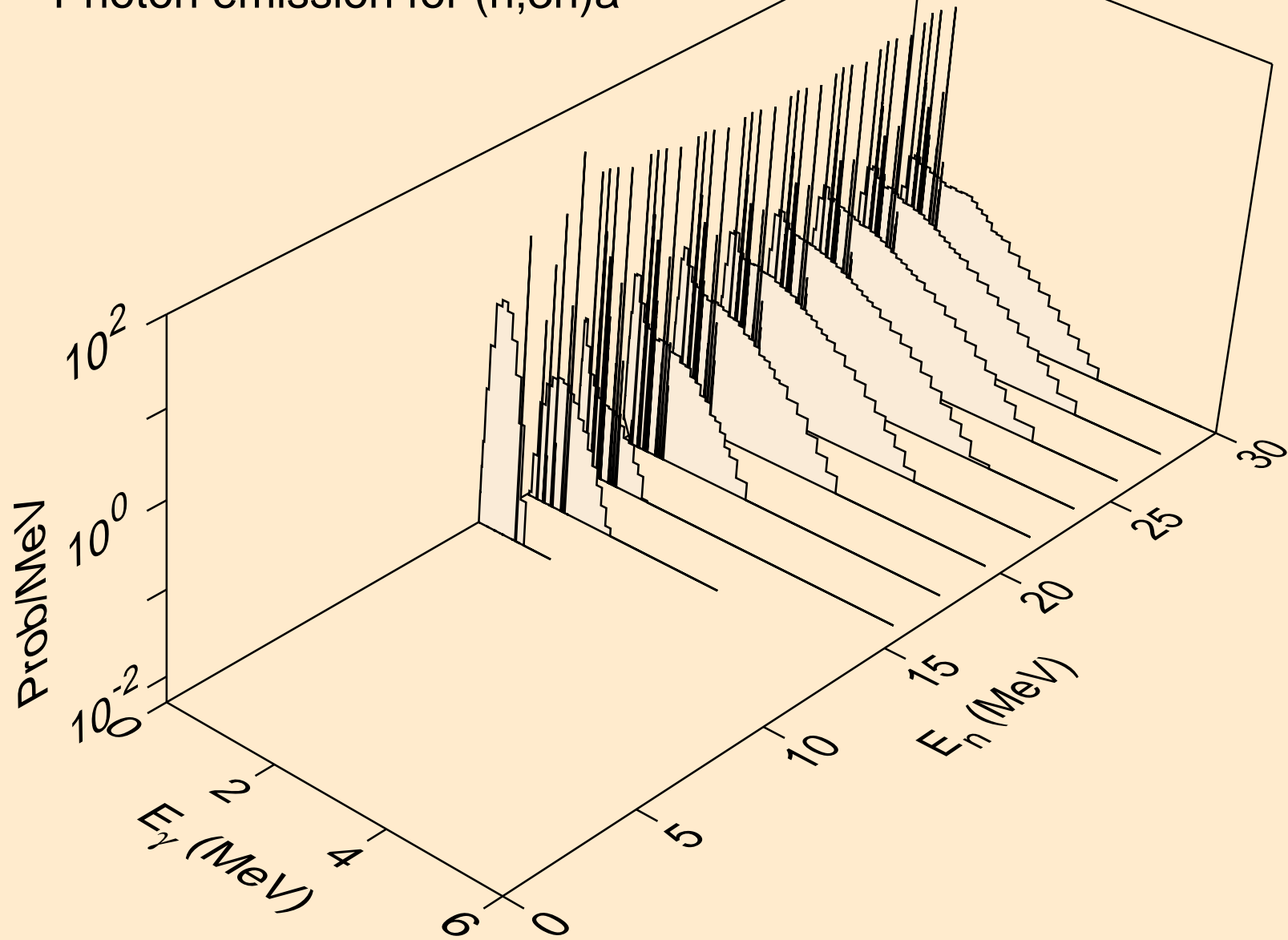
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



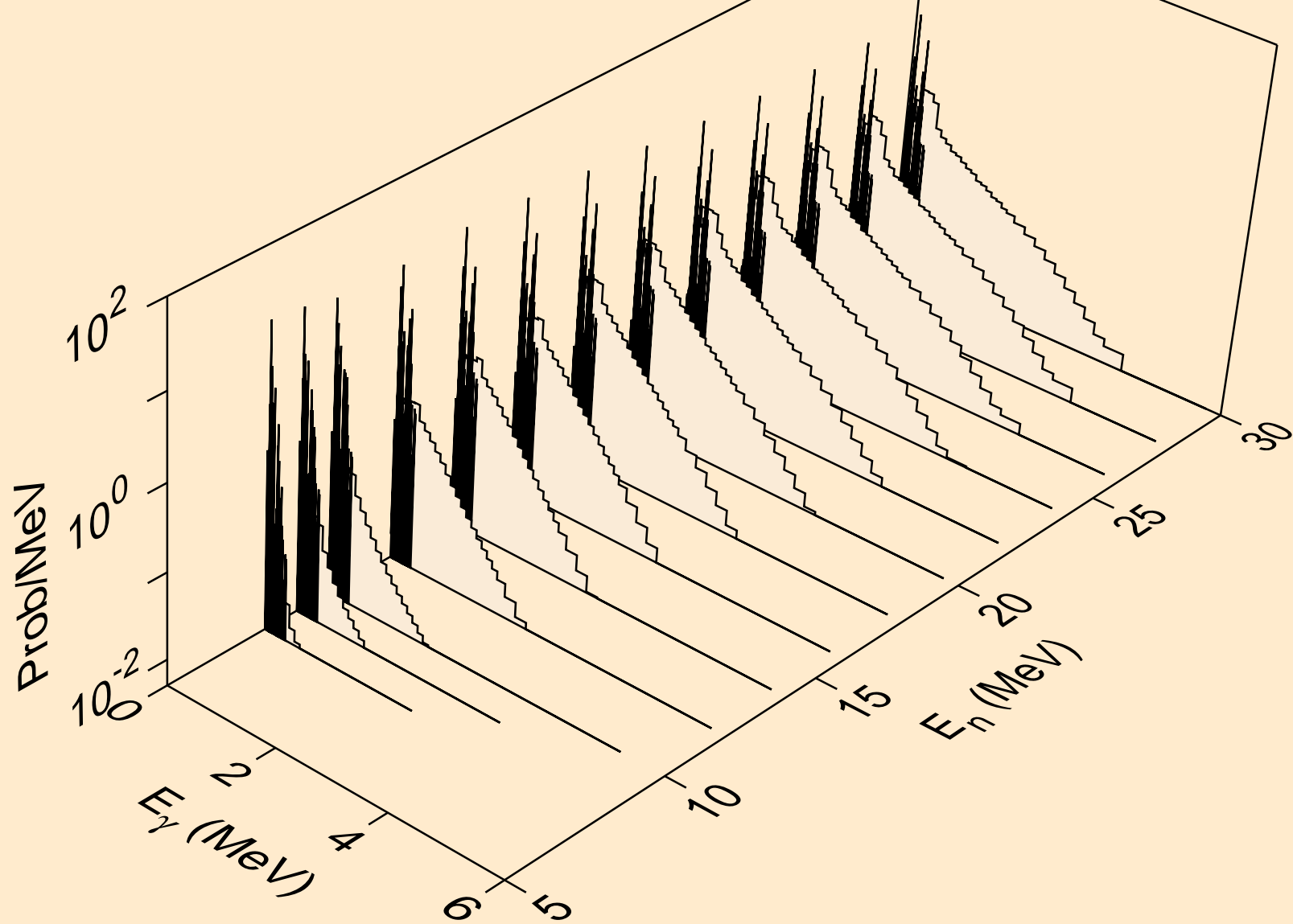
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



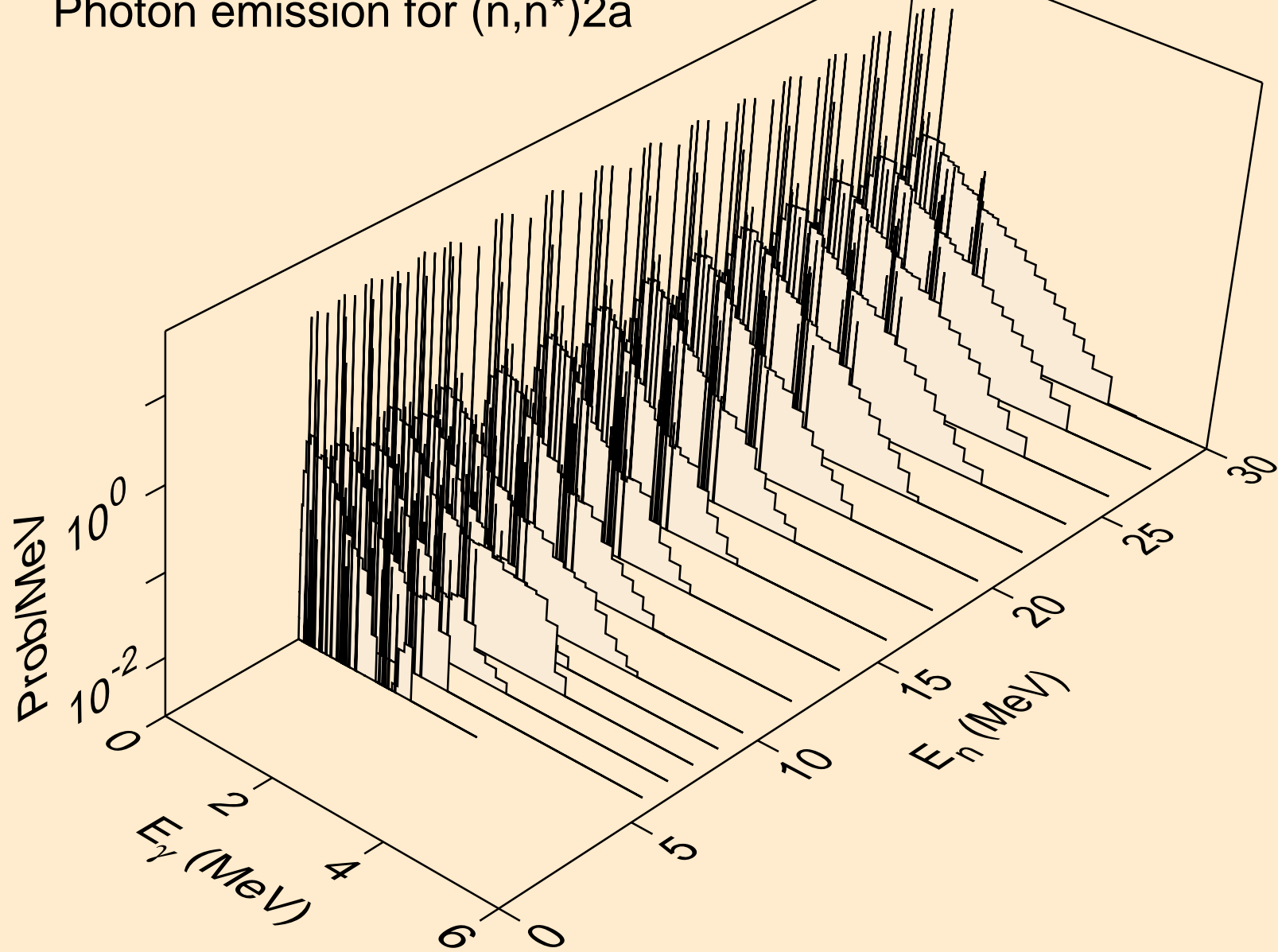
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



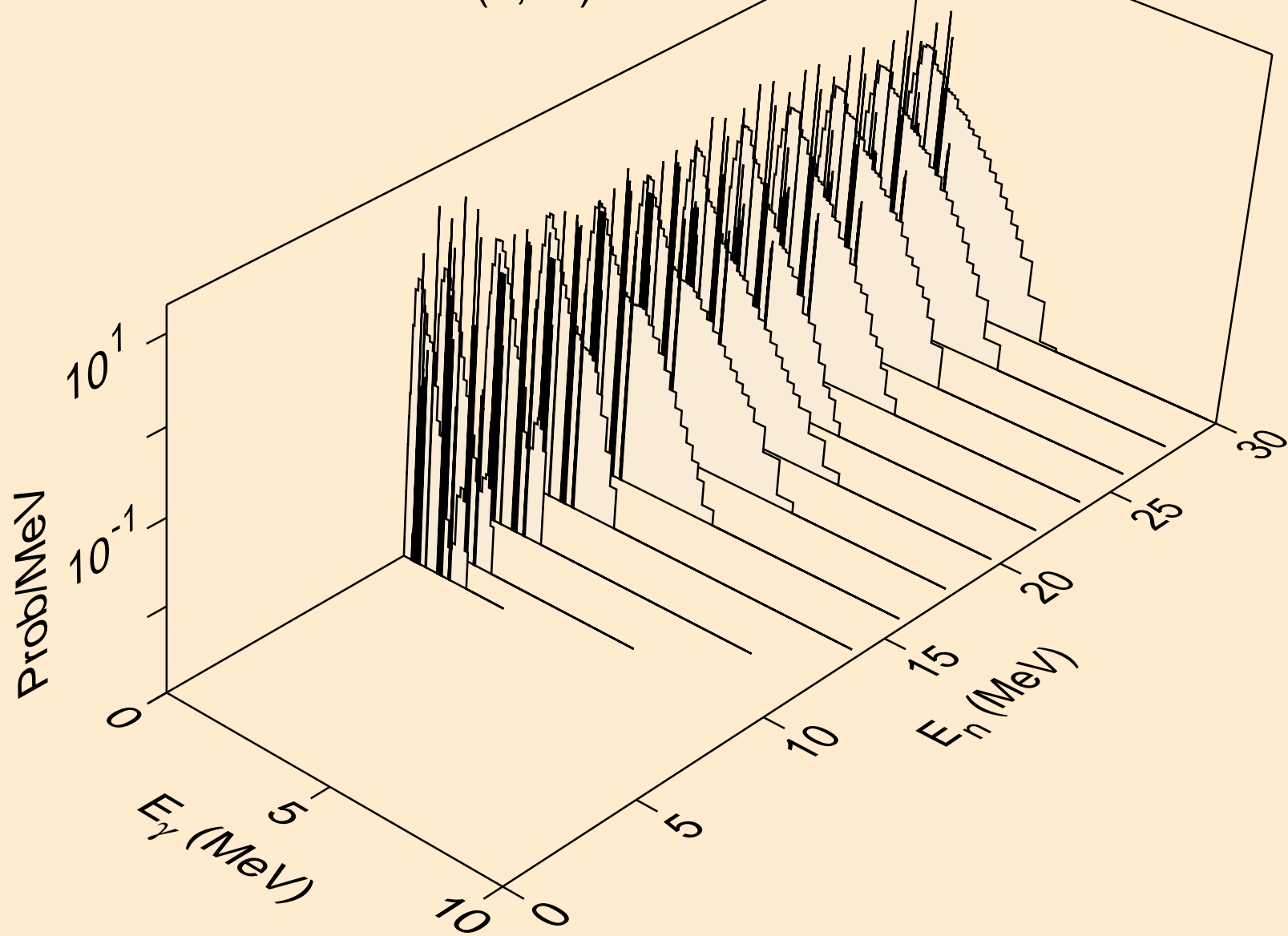
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

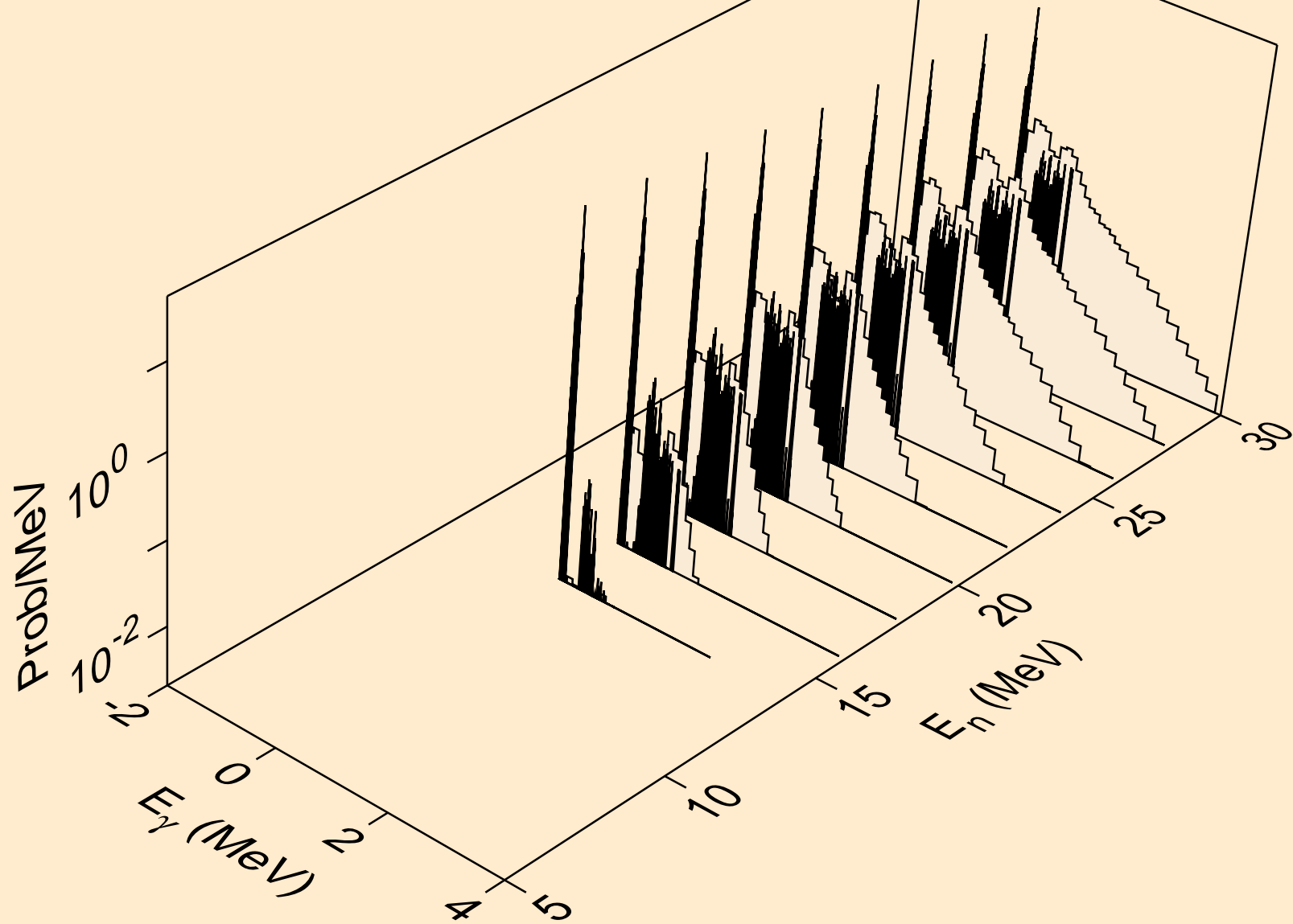


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

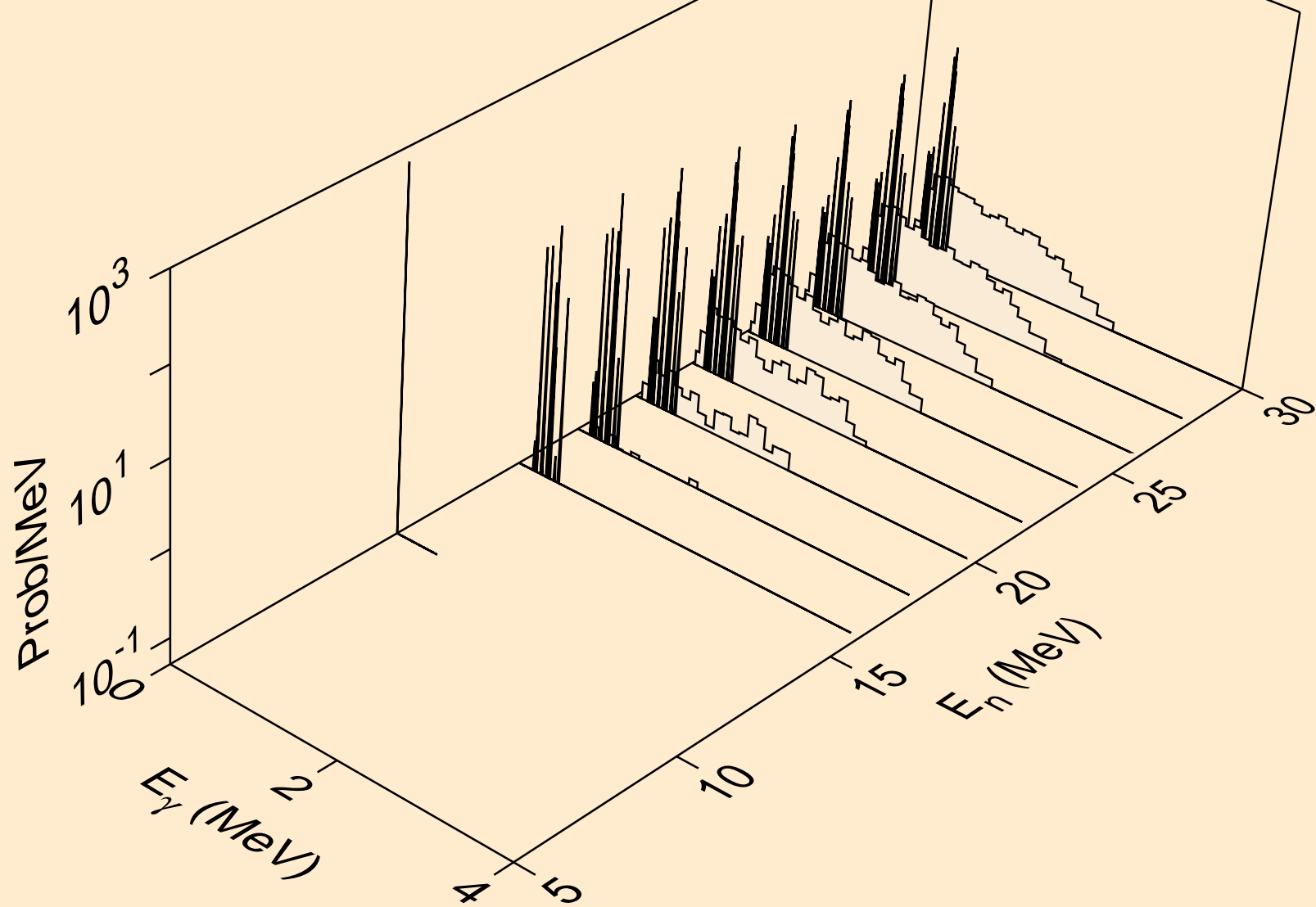




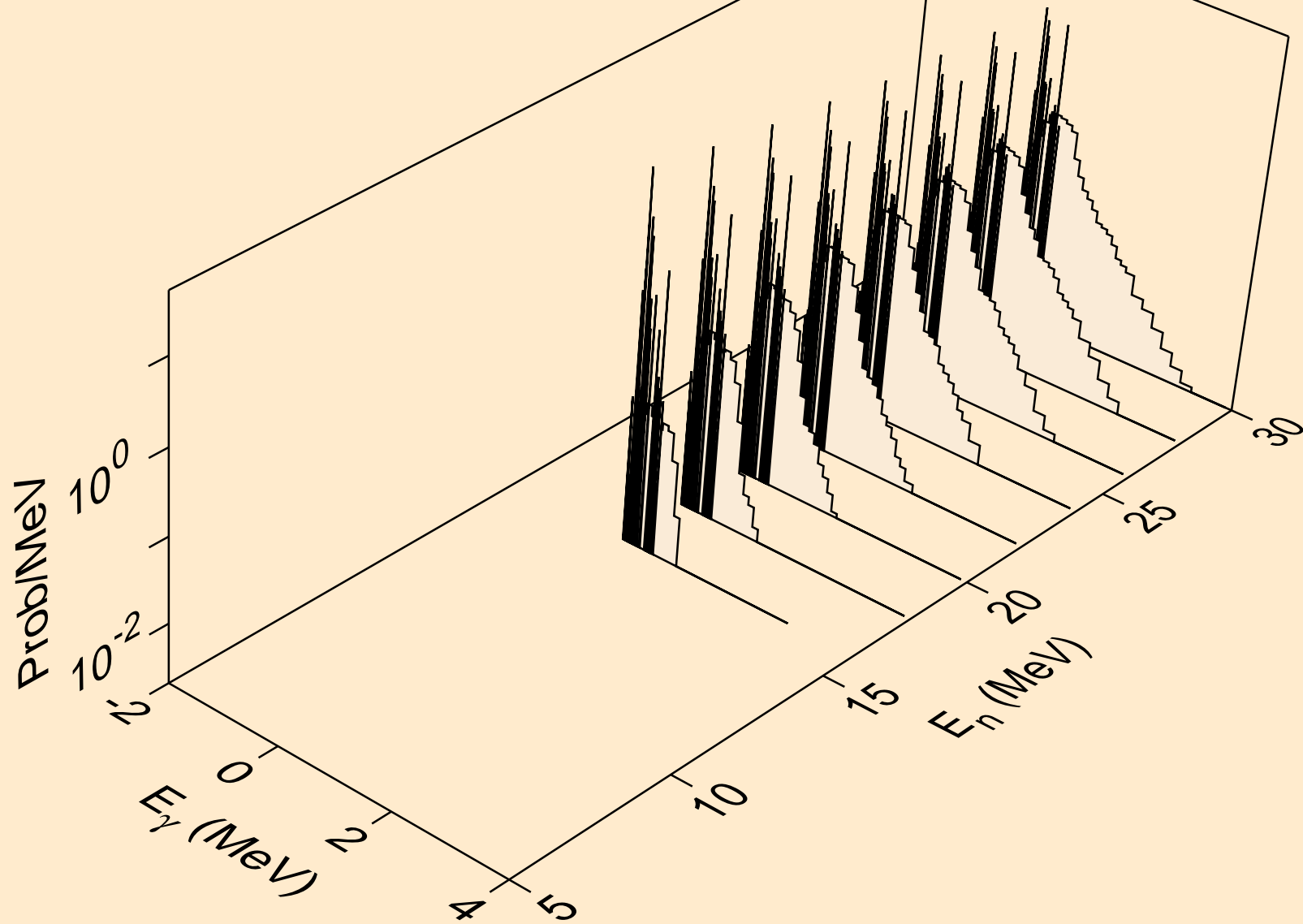
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



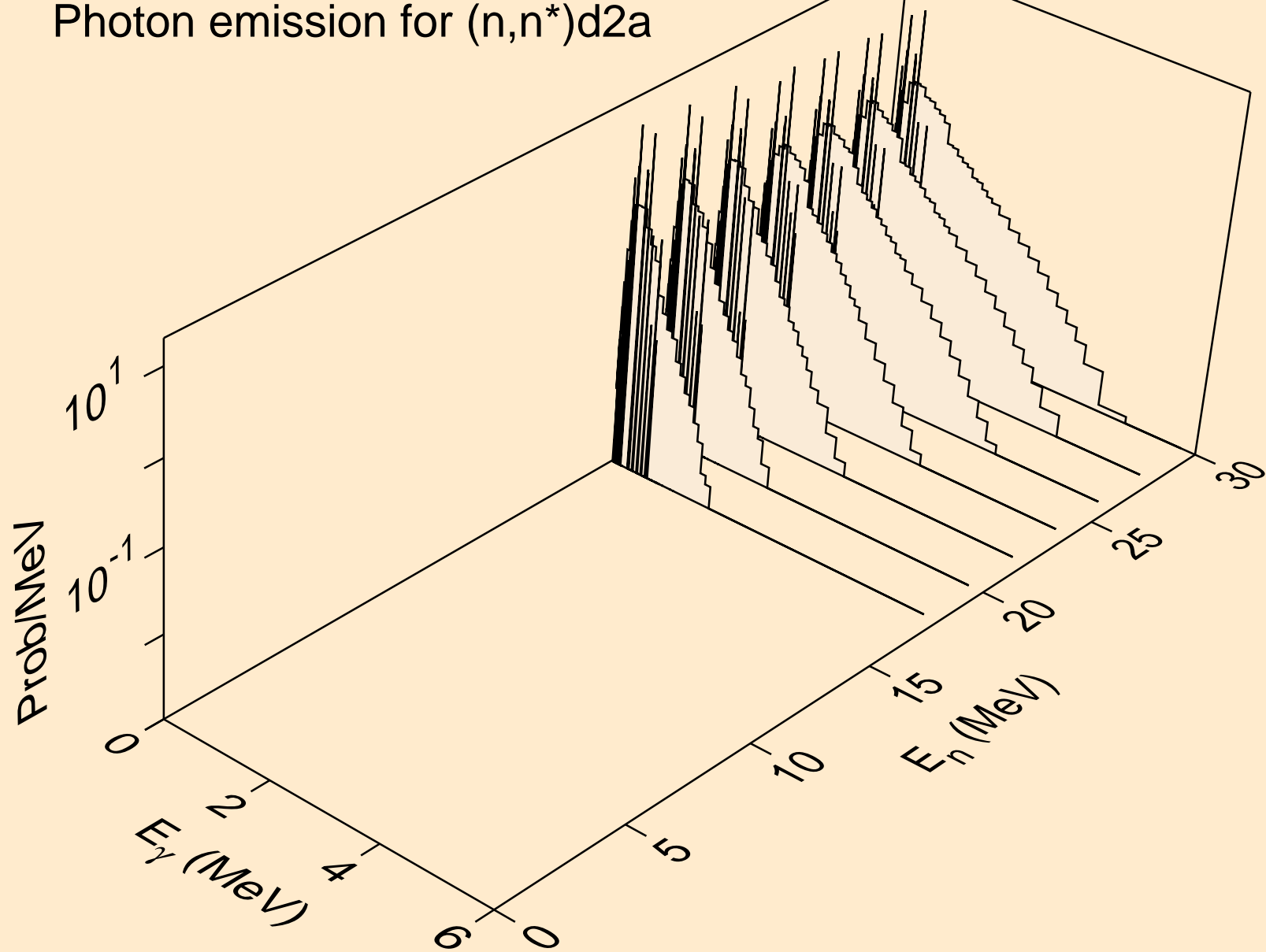
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



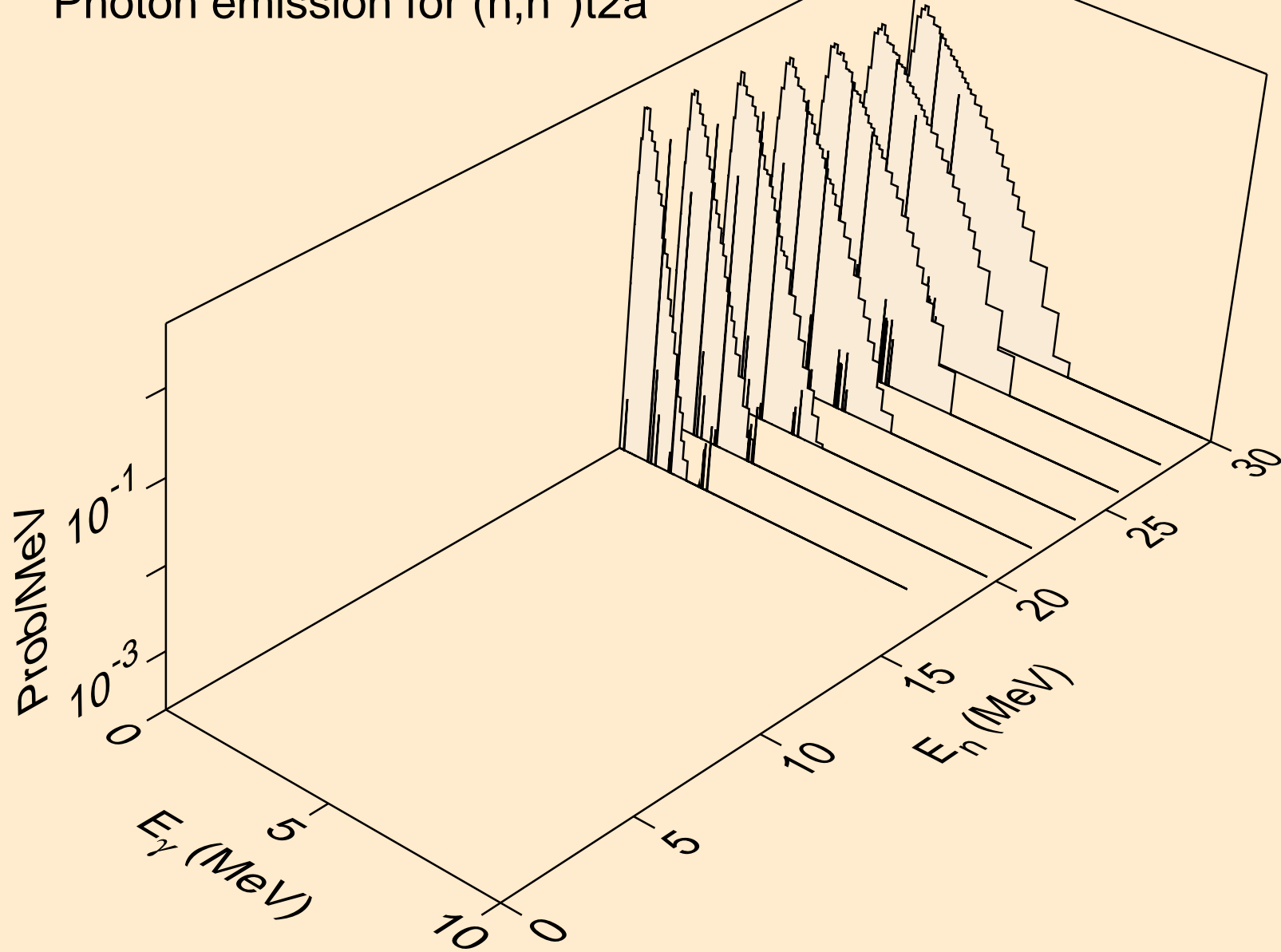
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



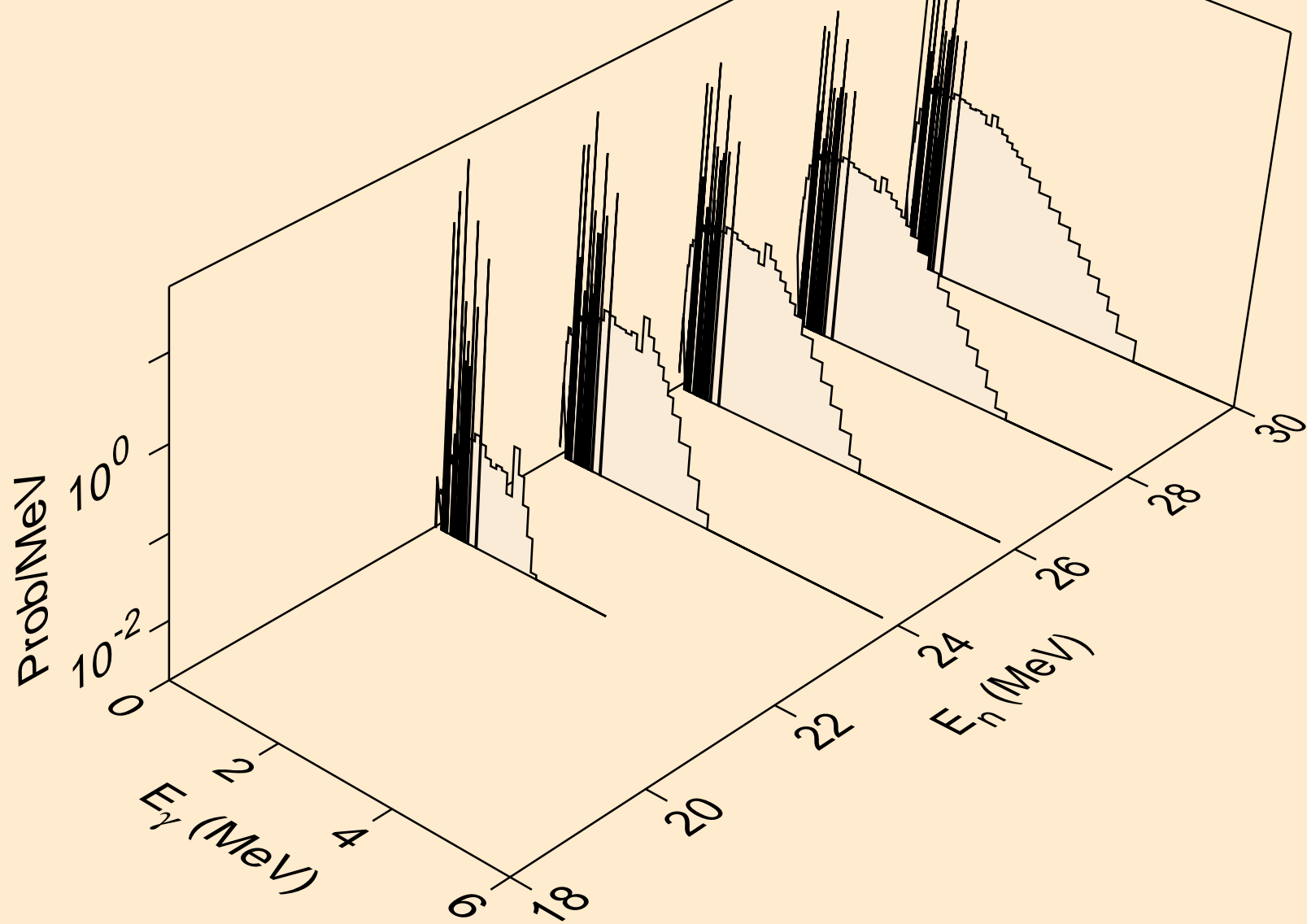
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d2a



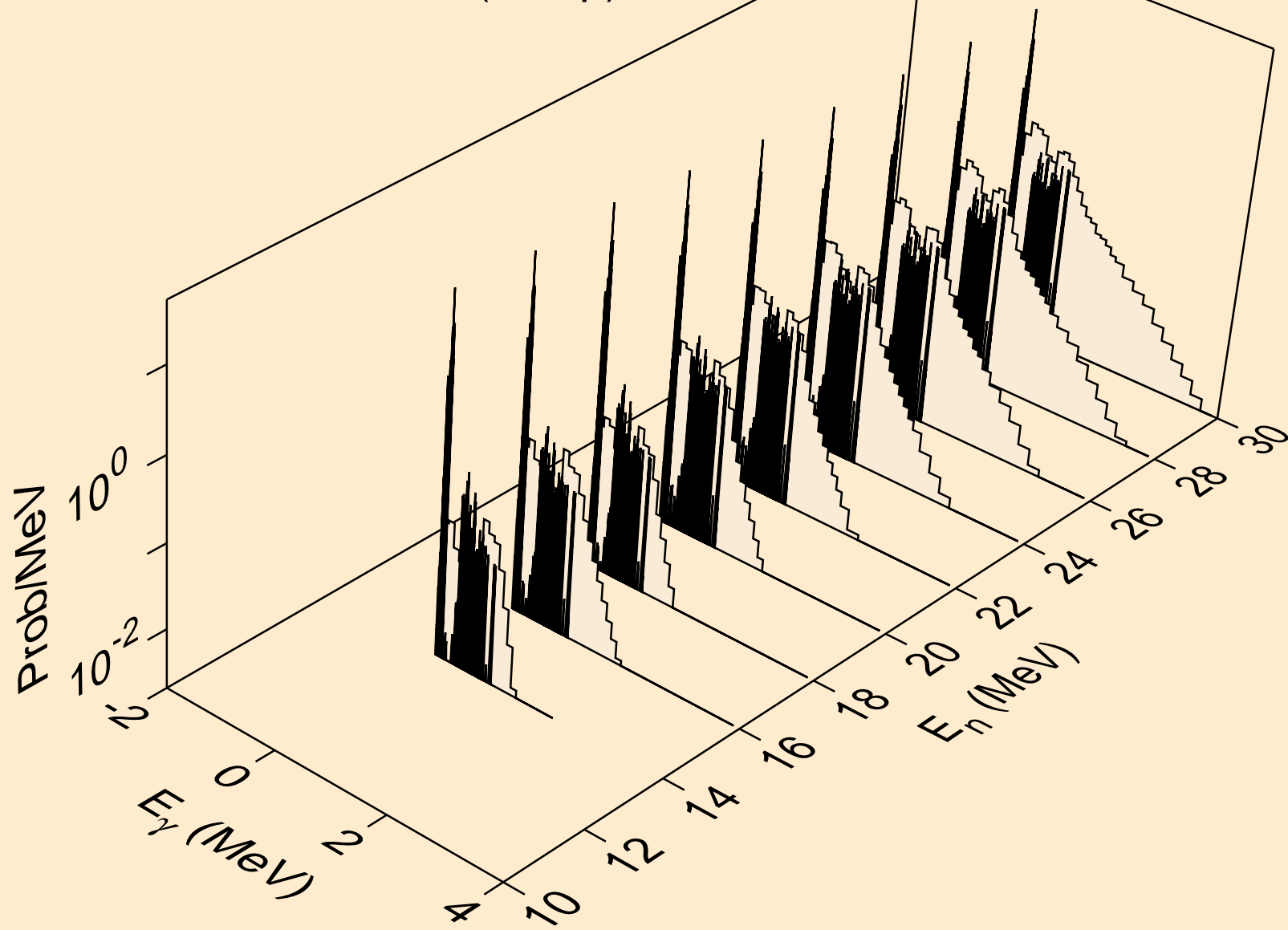
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t2a



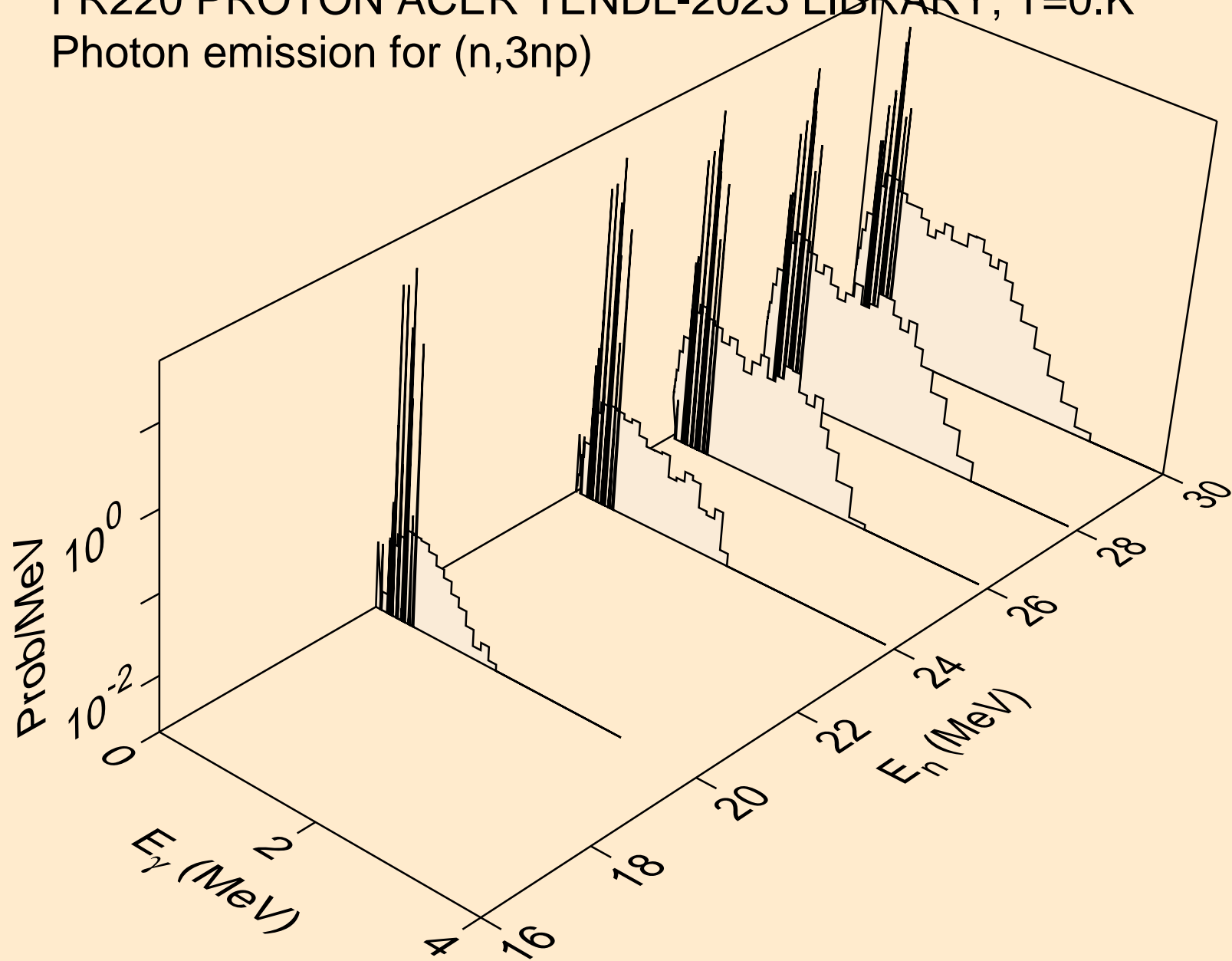
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

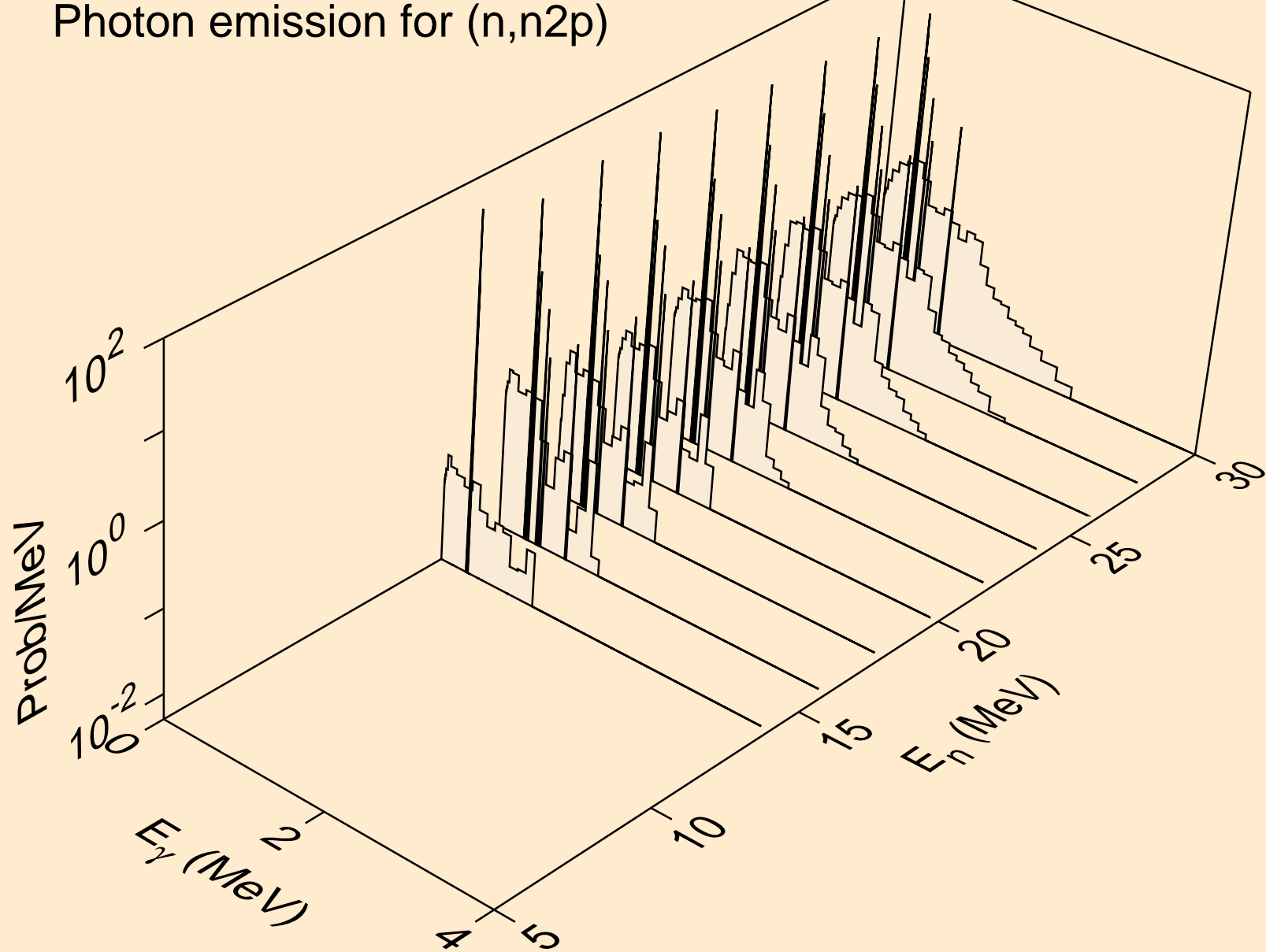


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

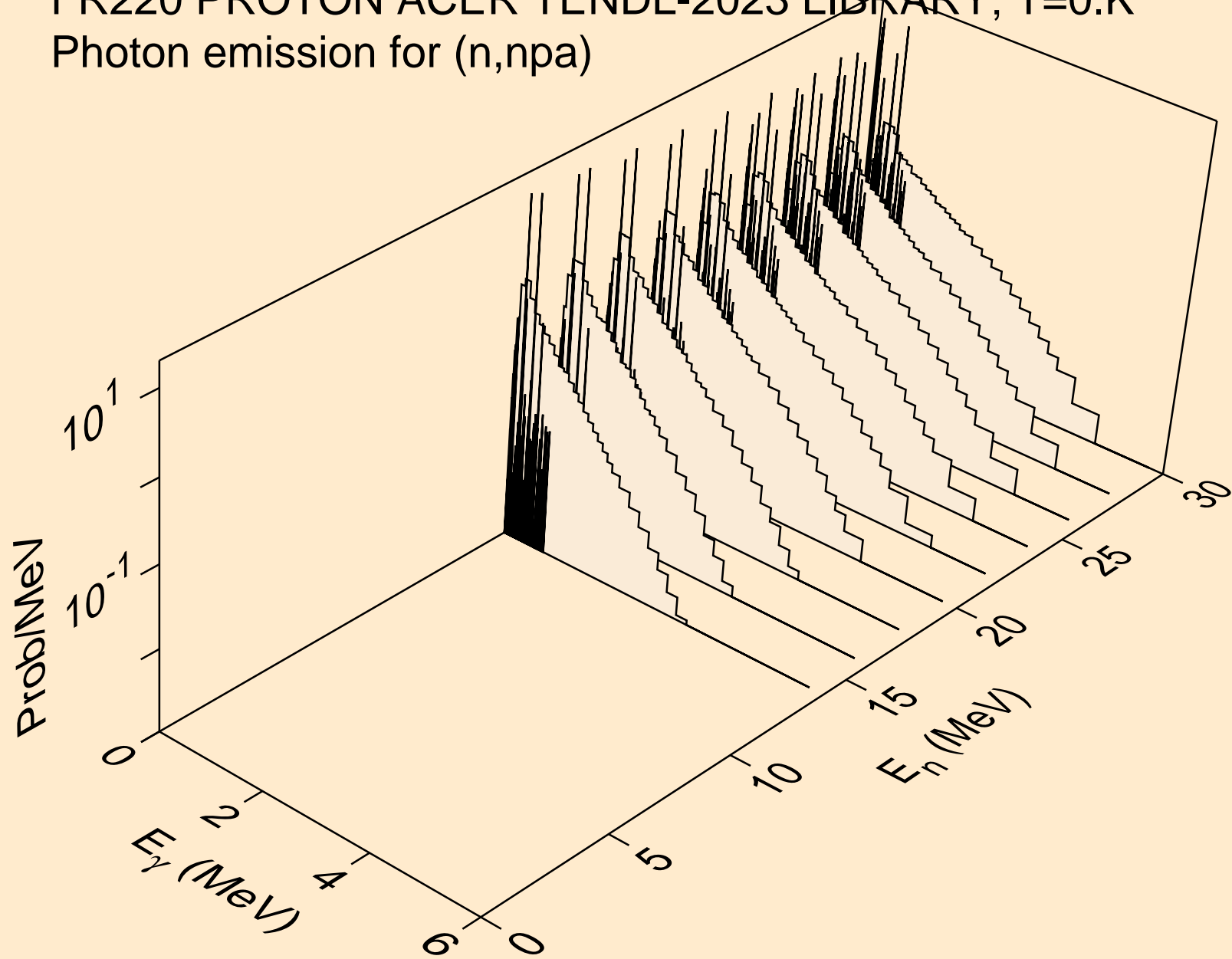




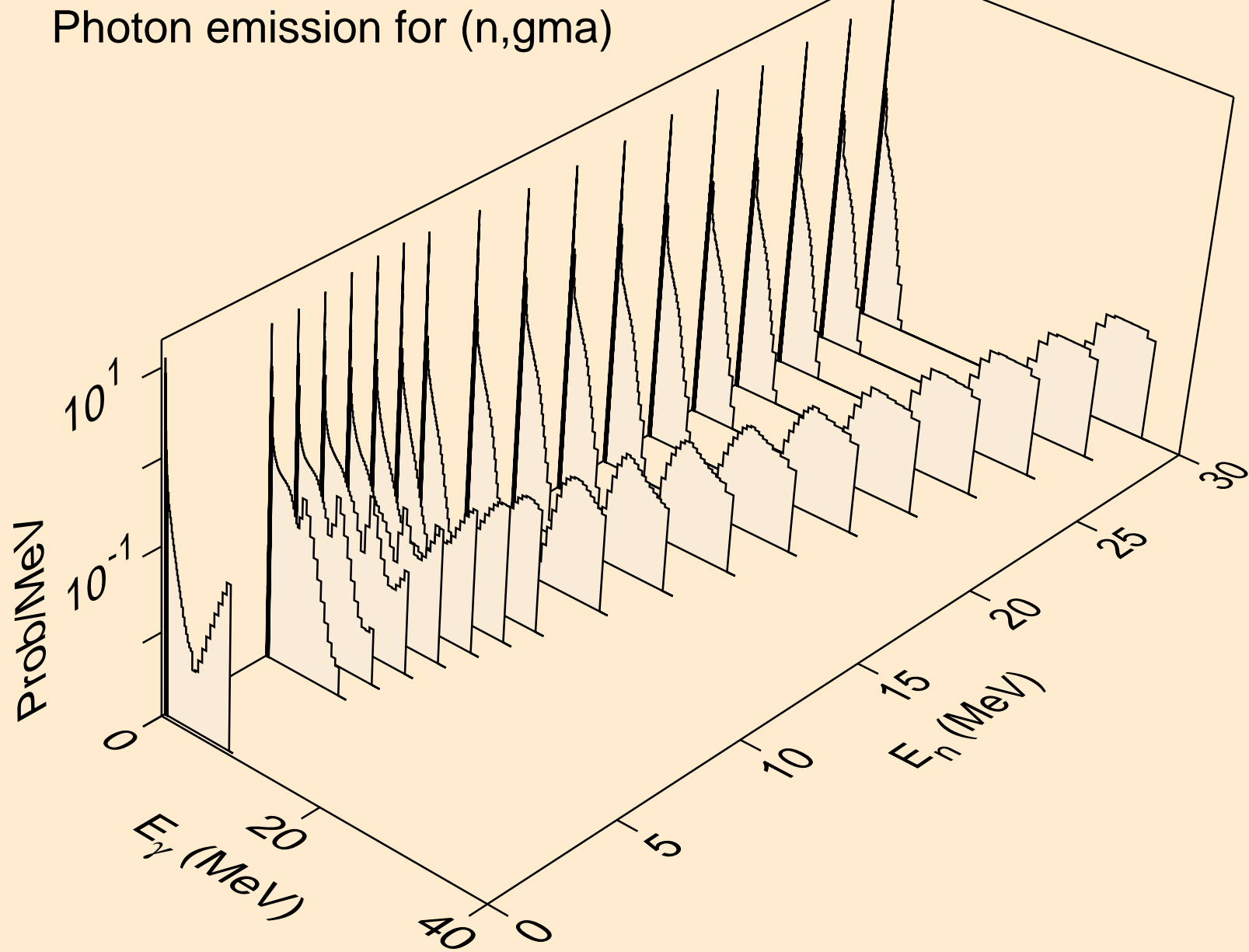
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



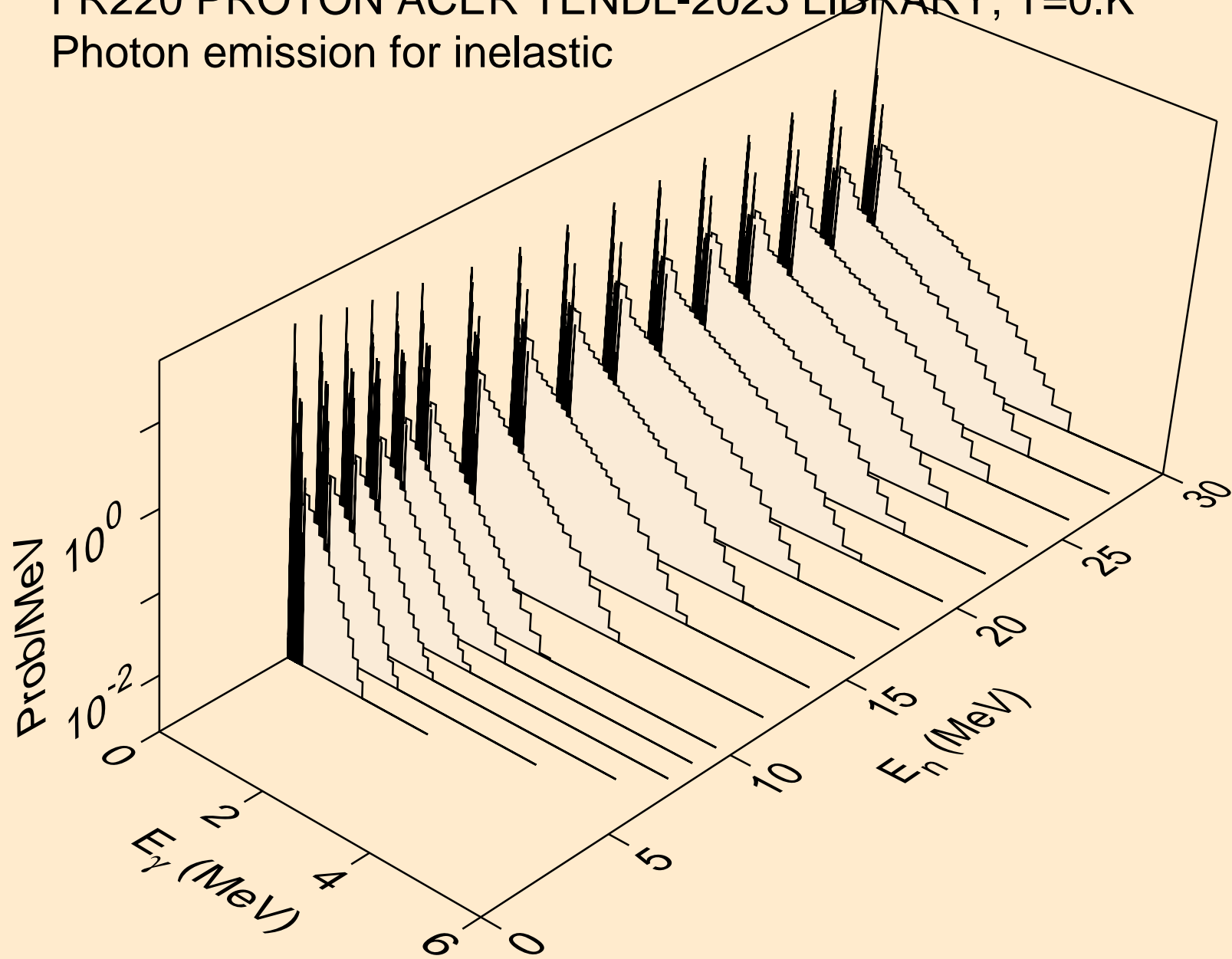
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



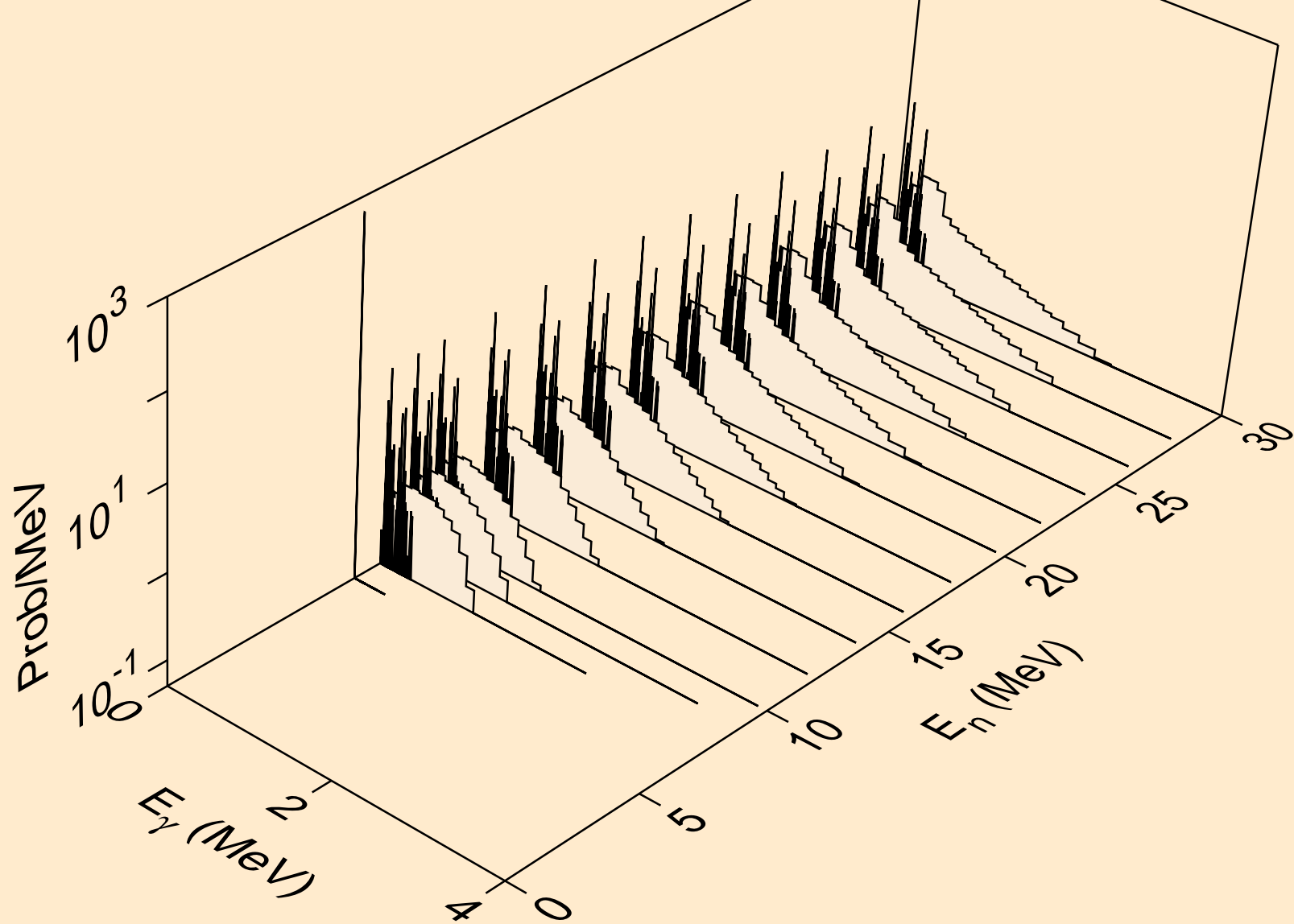
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



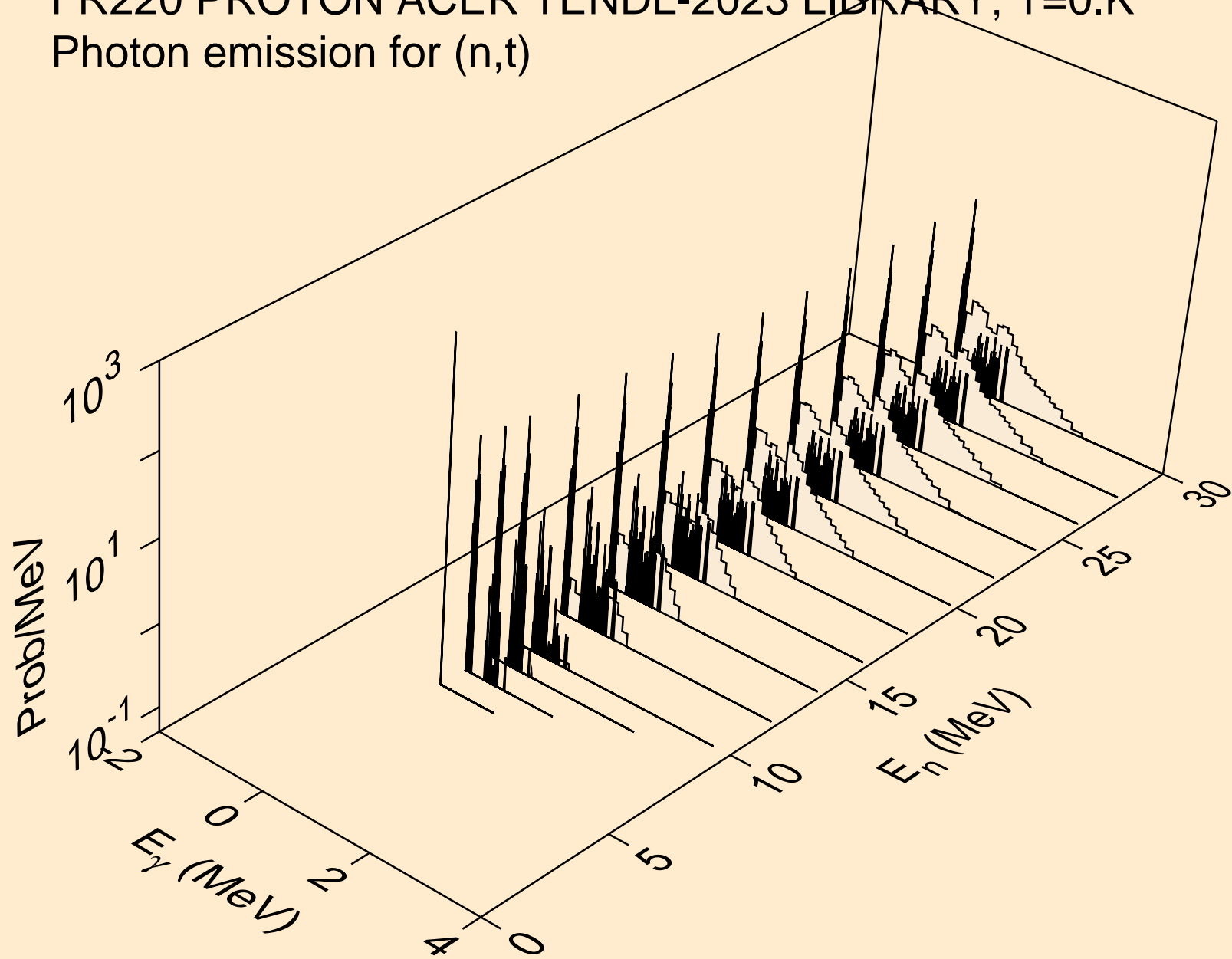
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



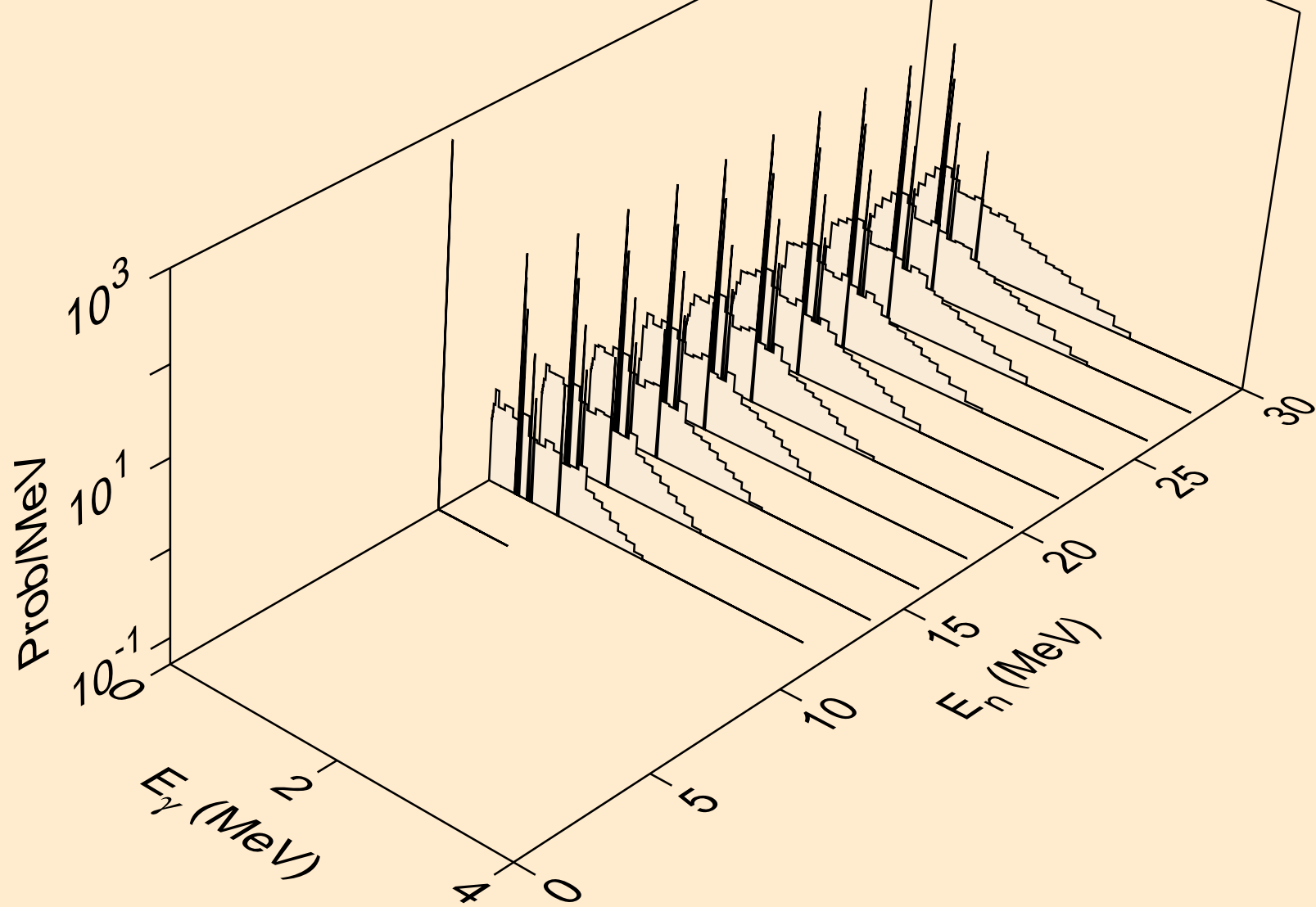
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



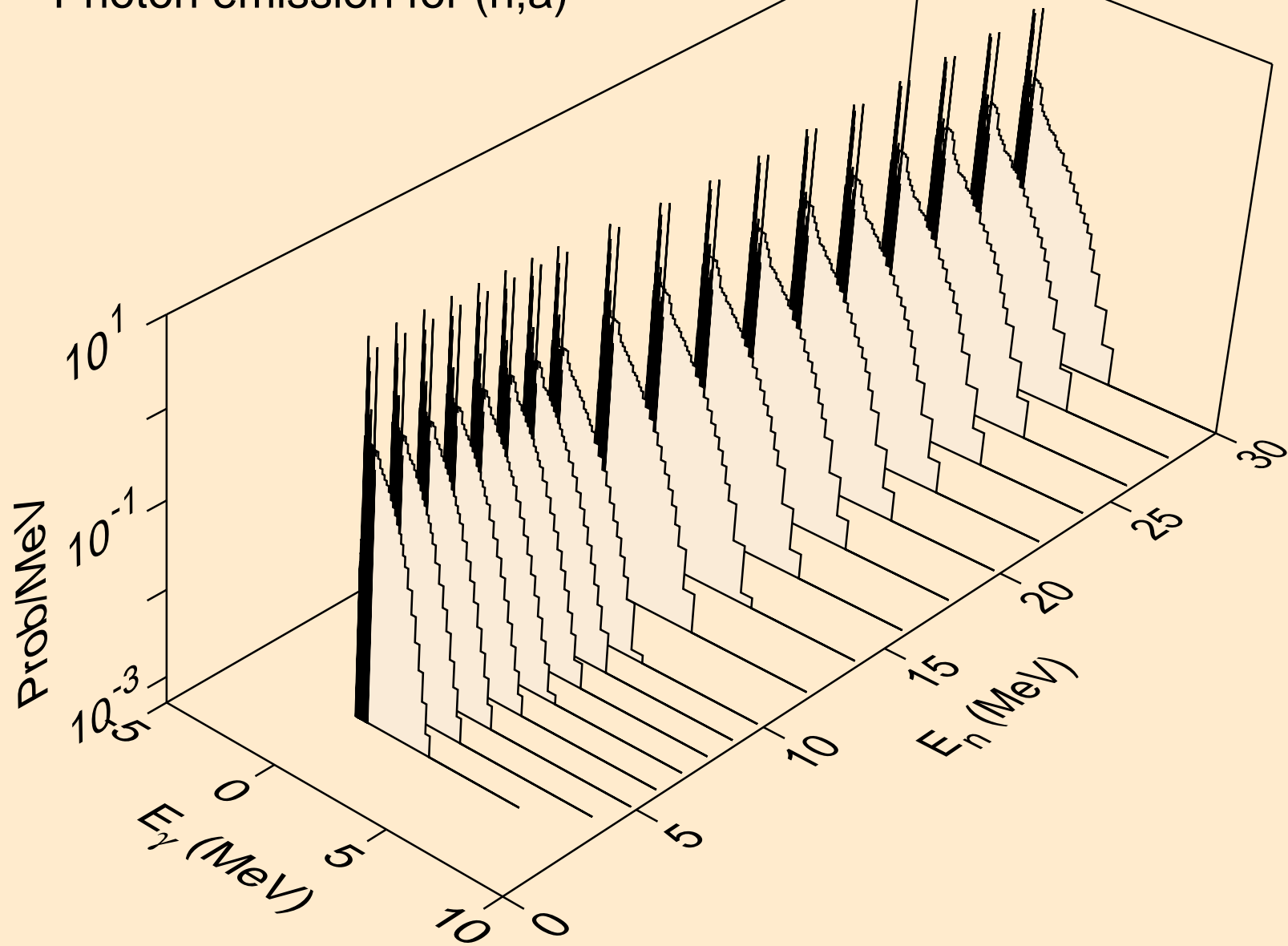
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

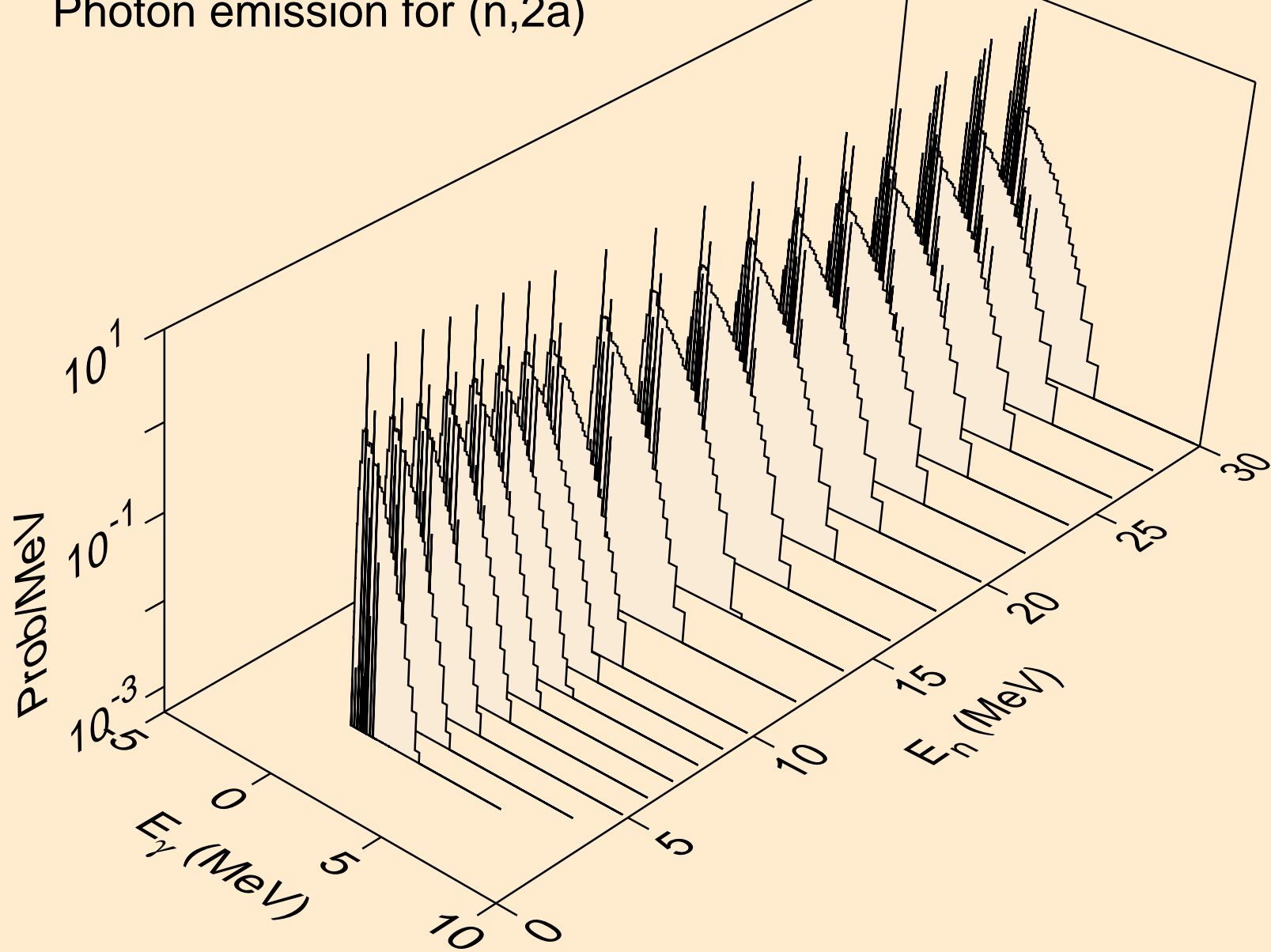


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

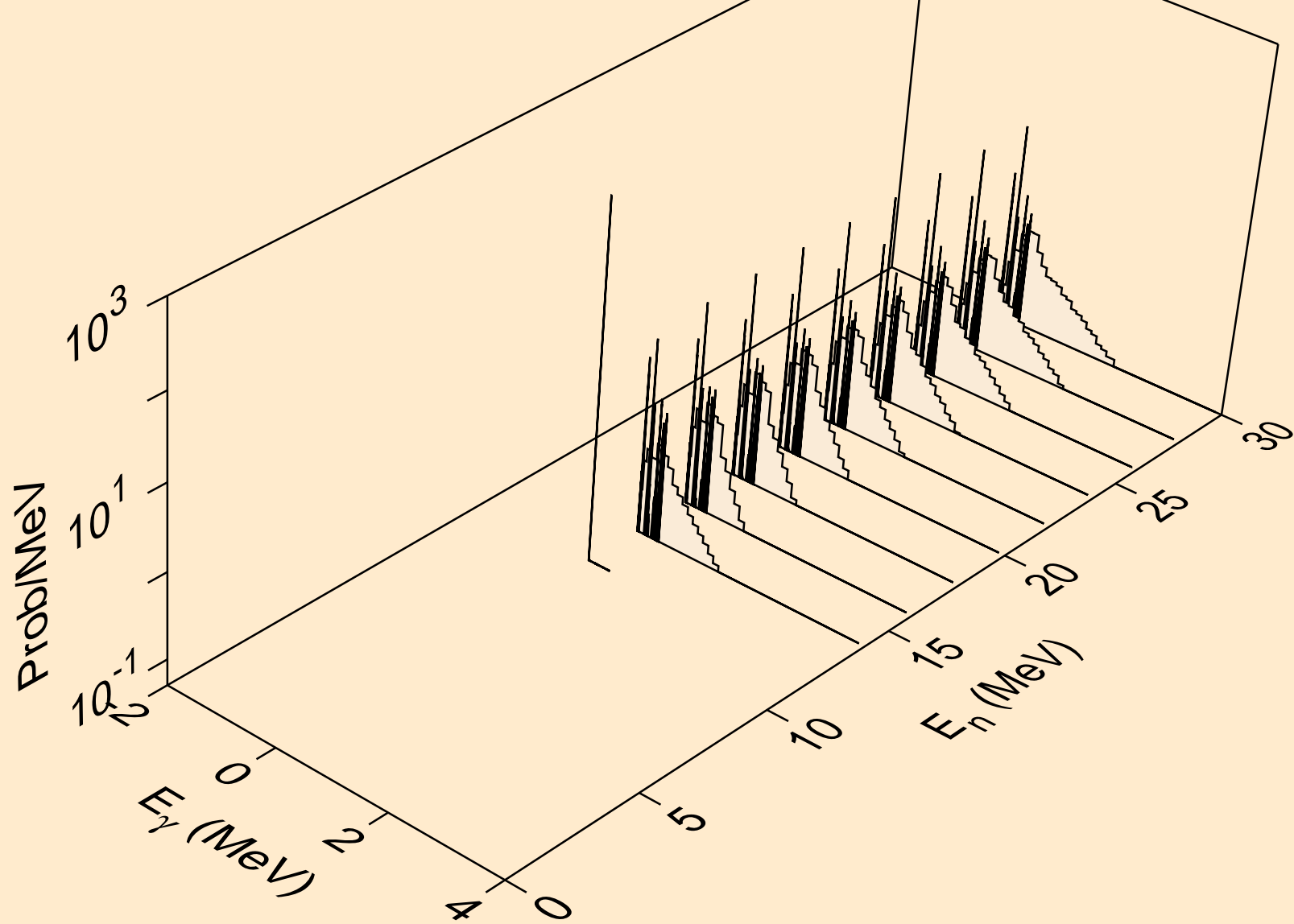




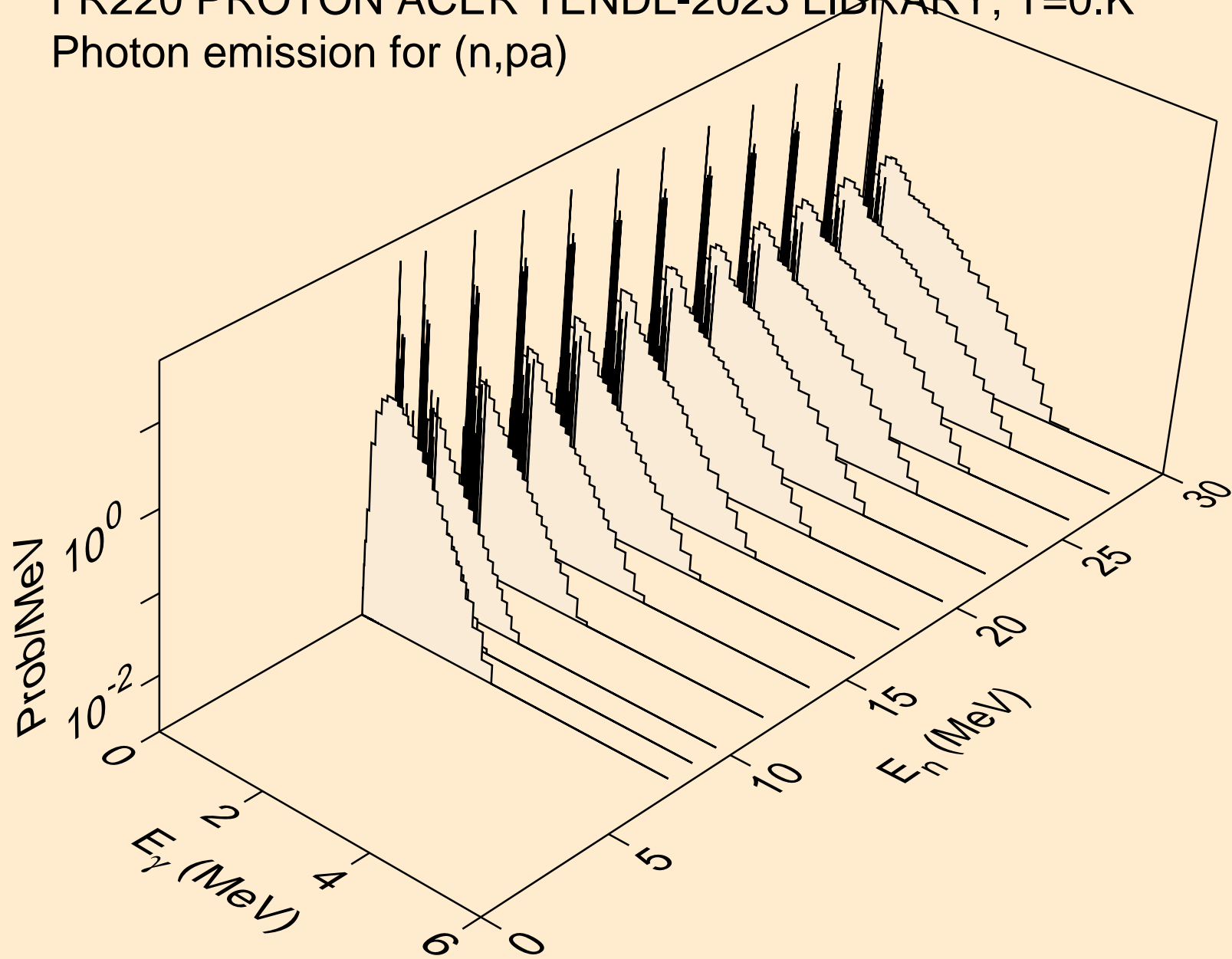
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



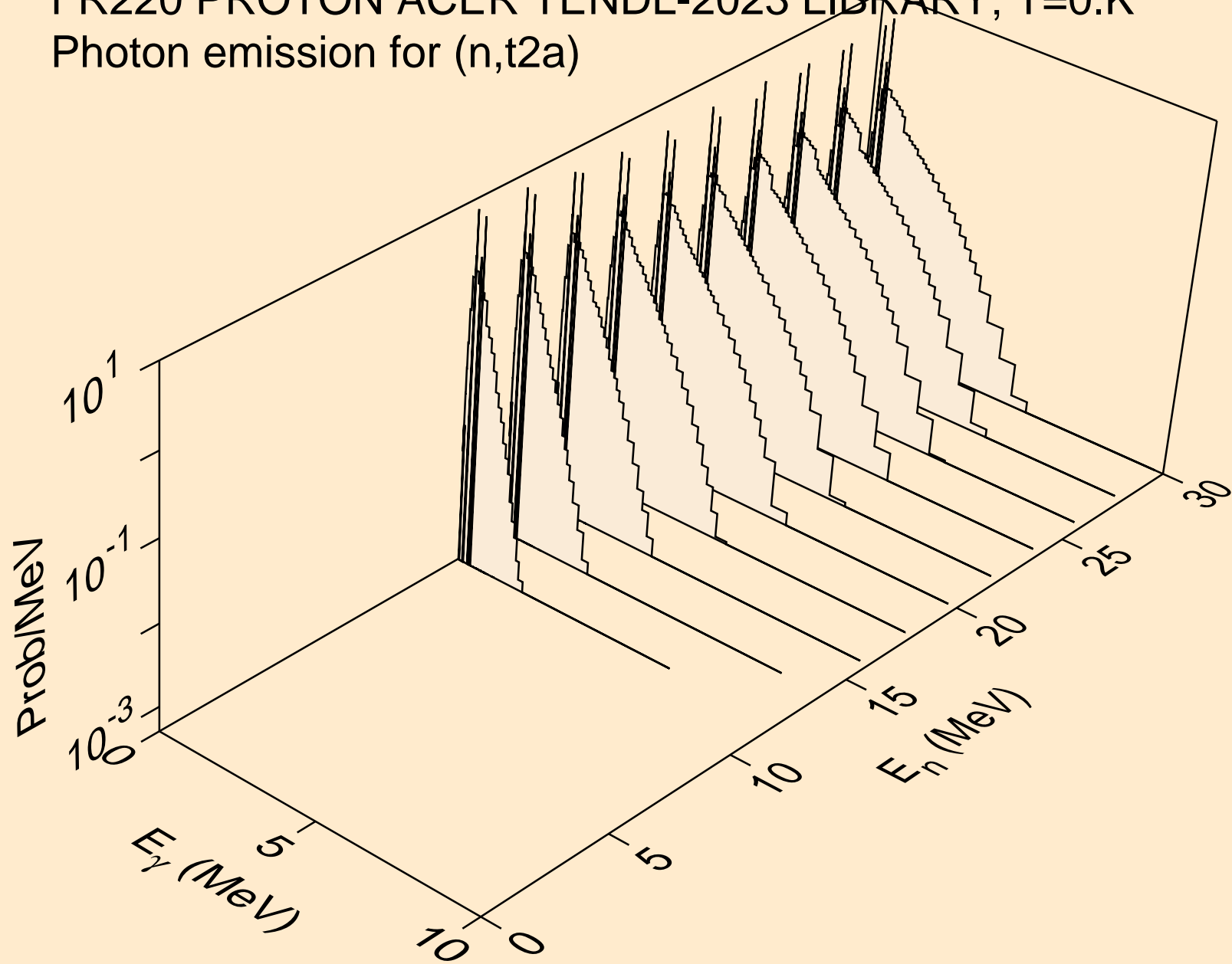
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



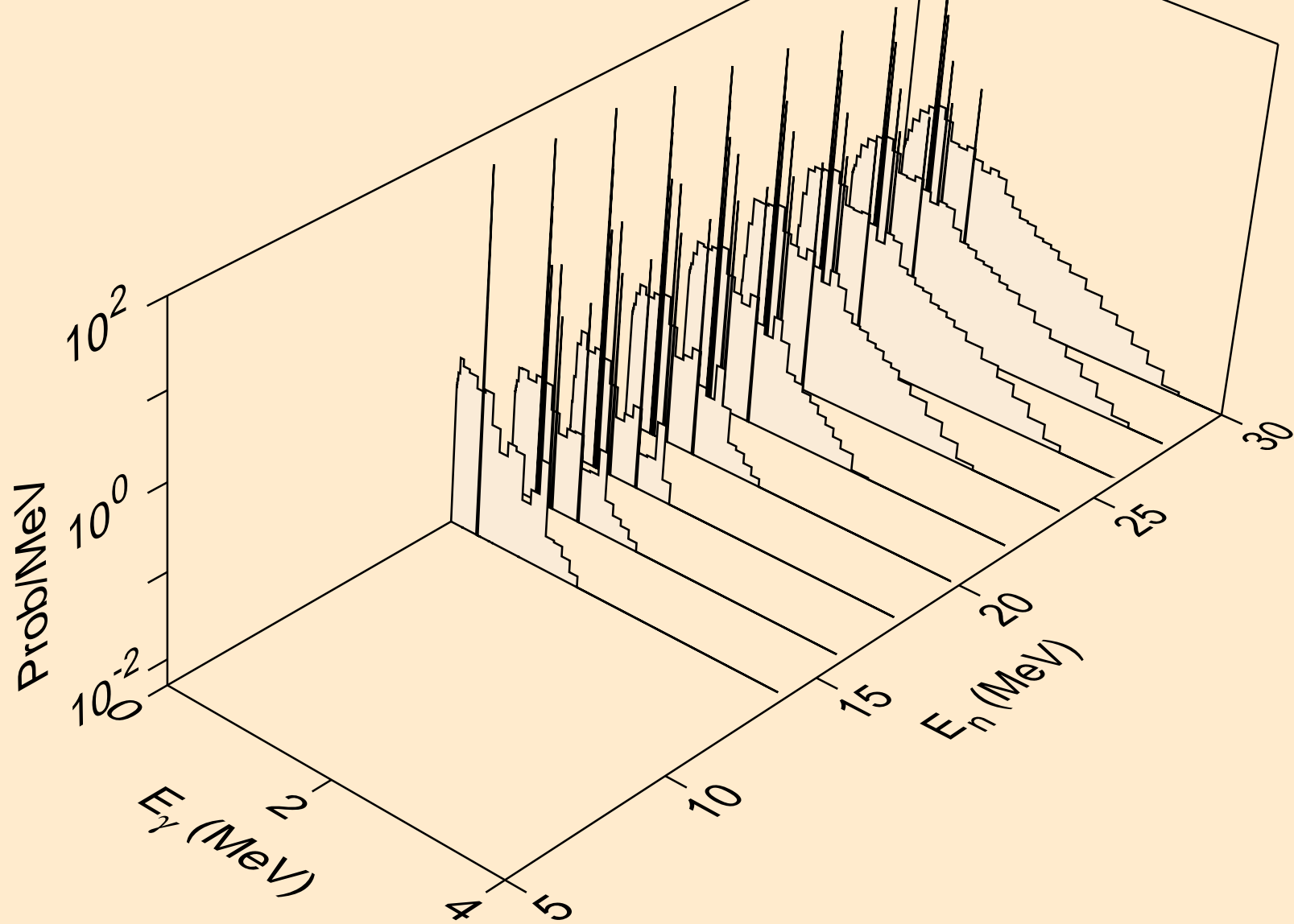
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



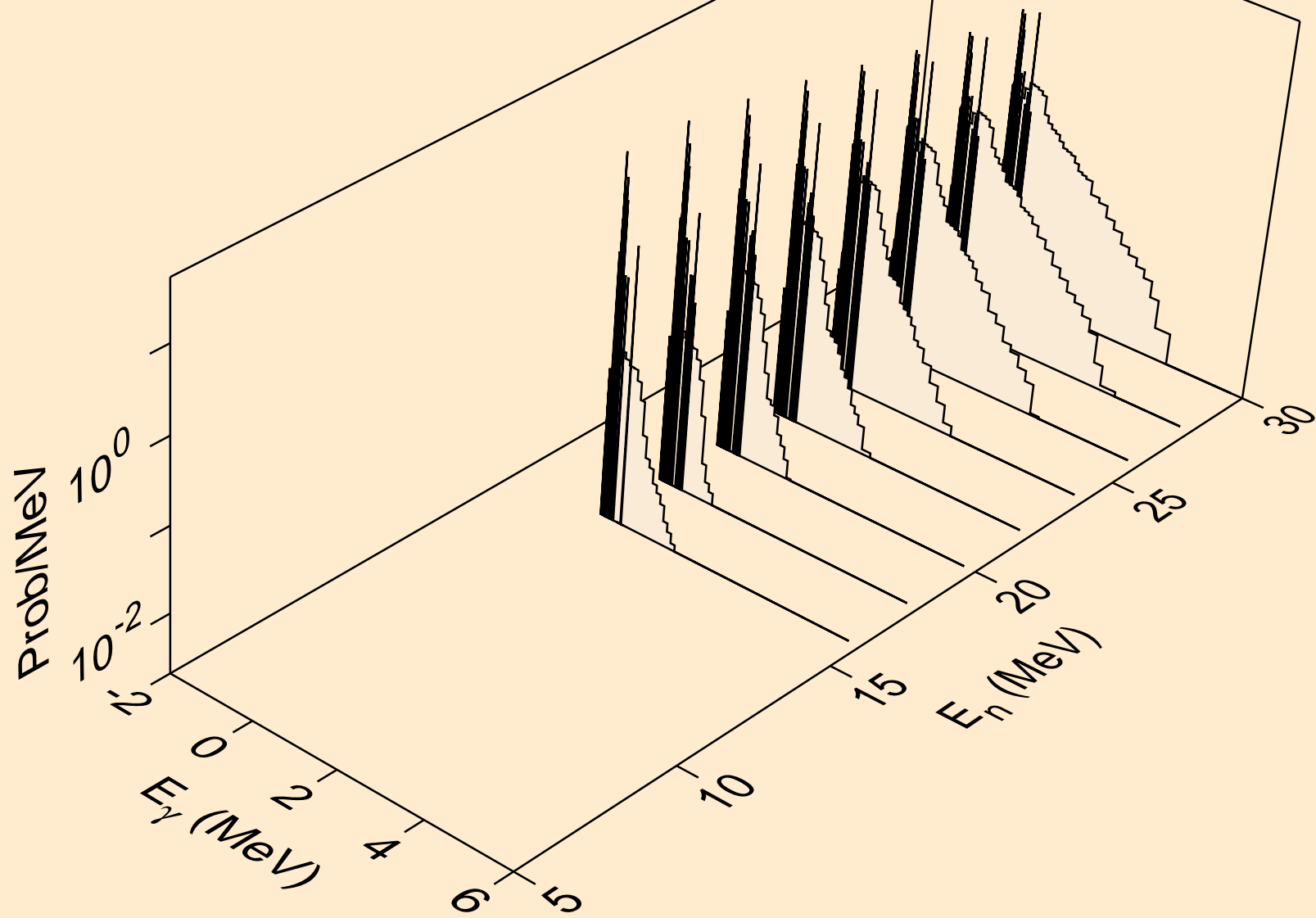
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



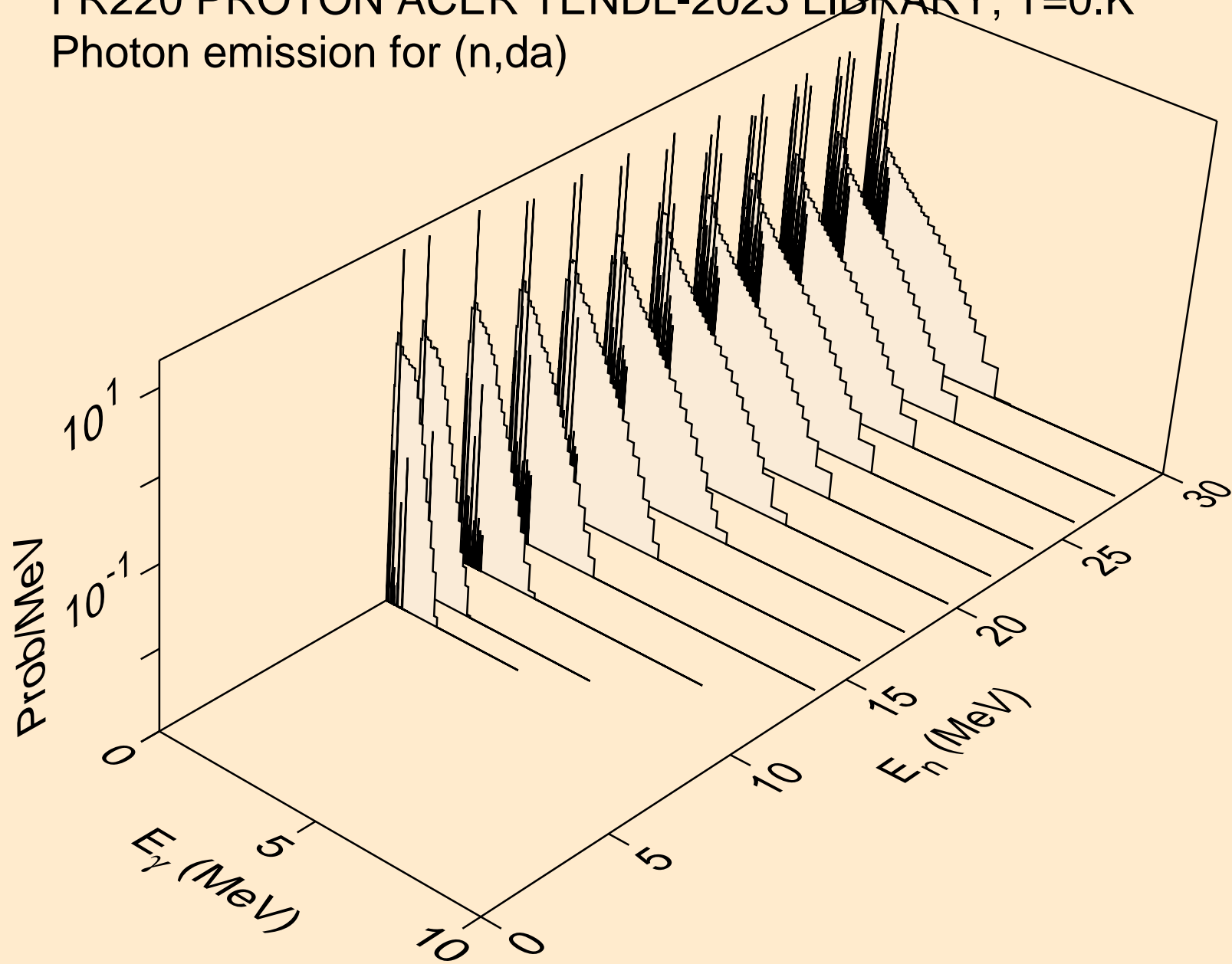
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



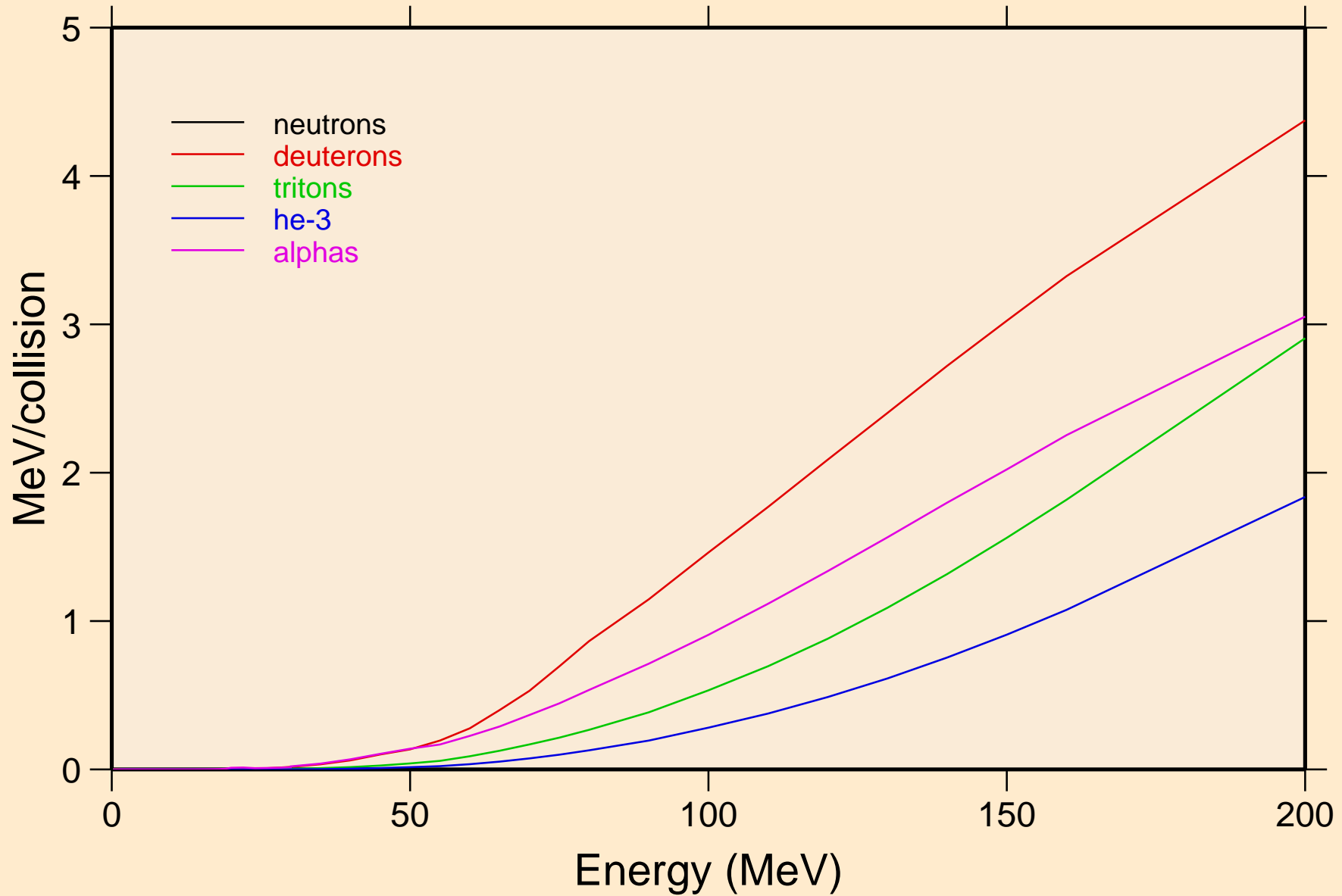
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

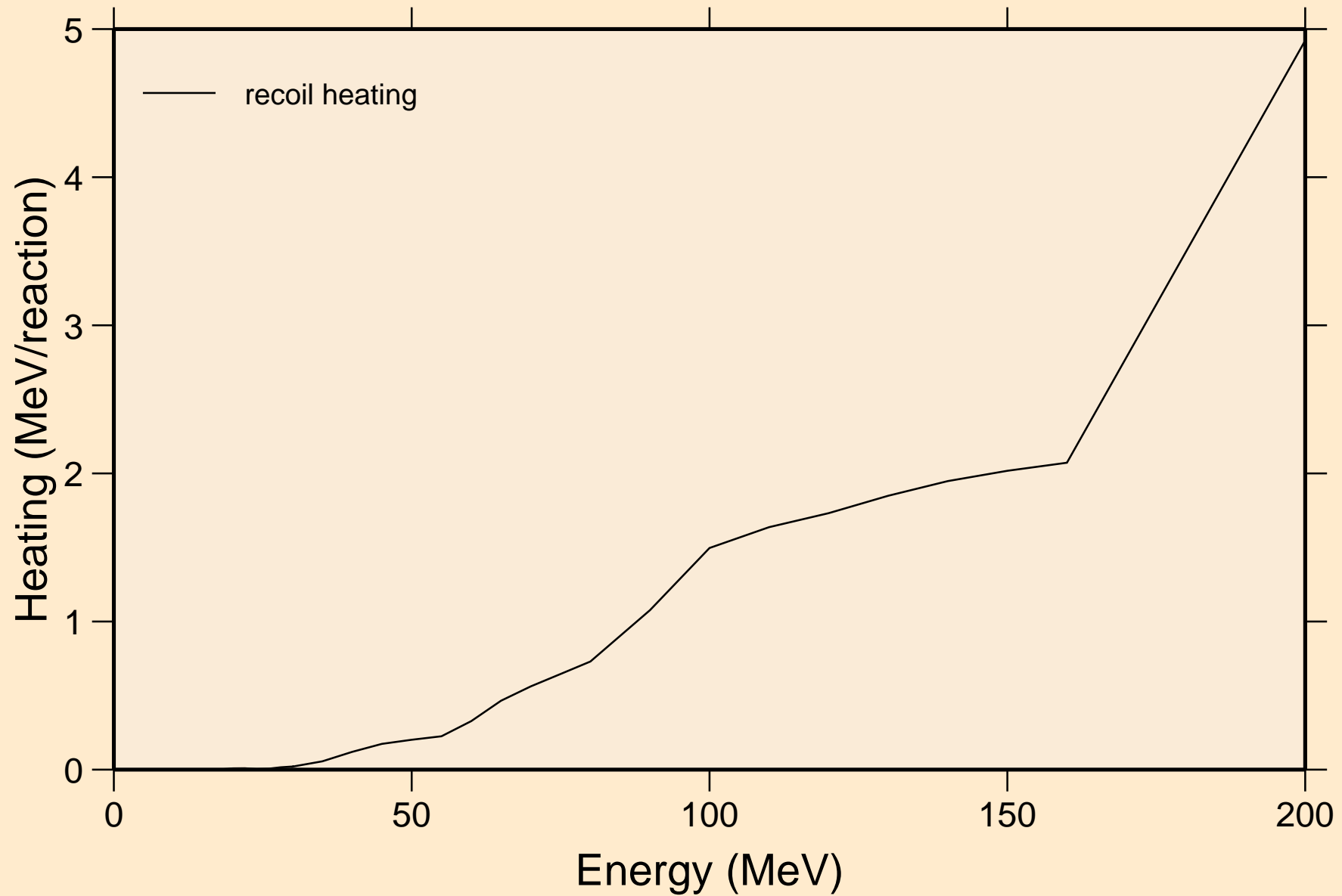


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

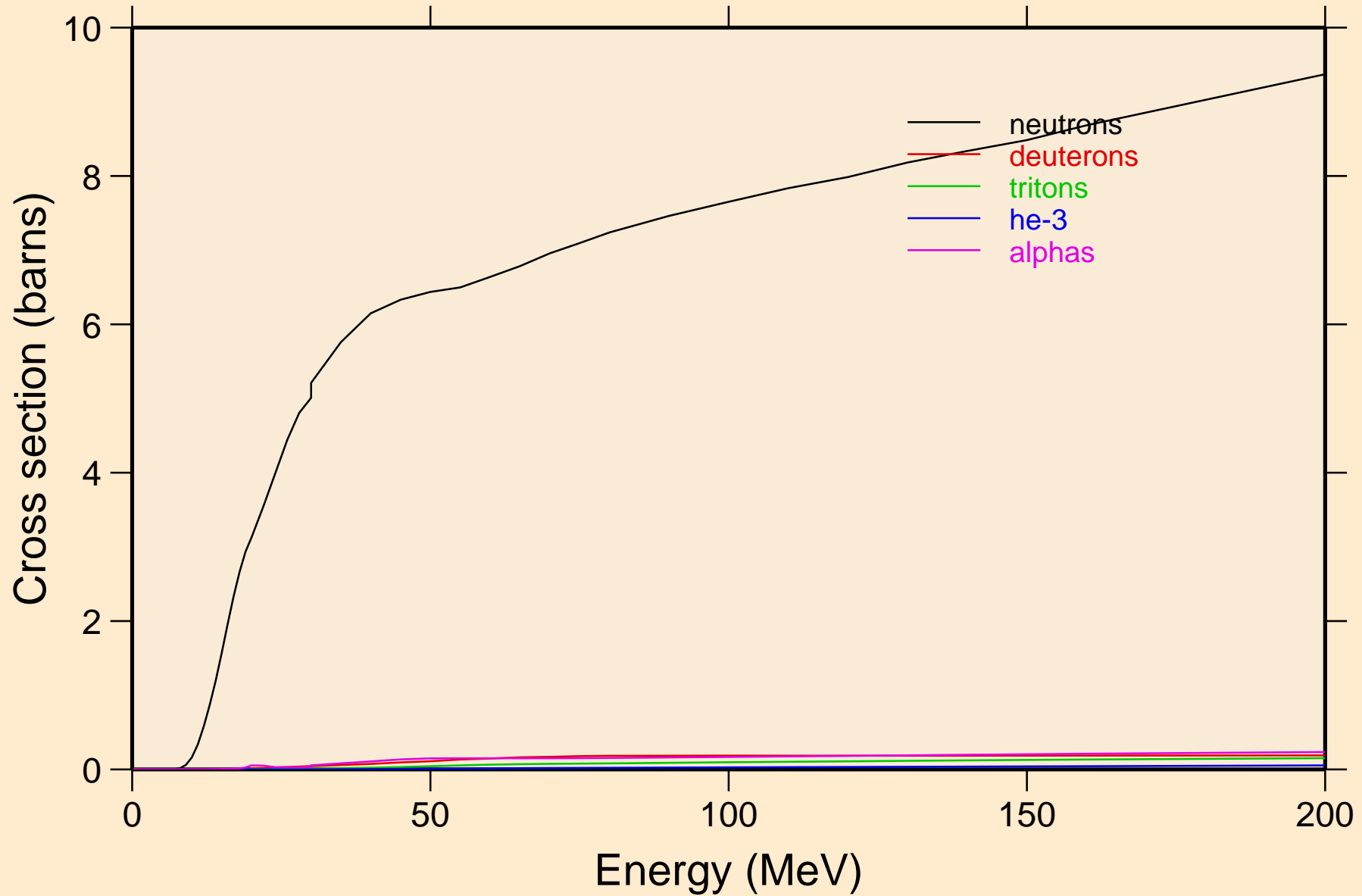




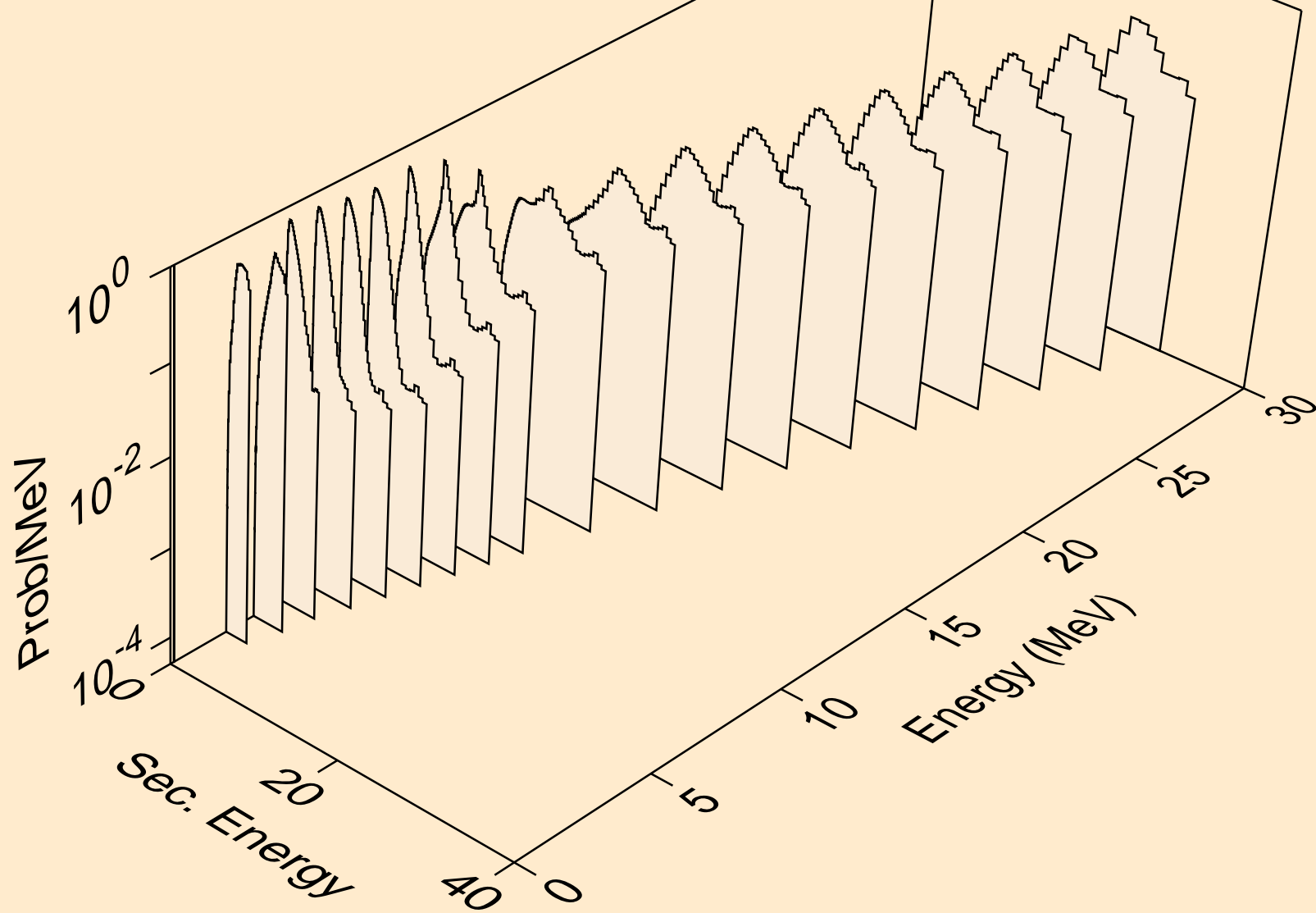
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



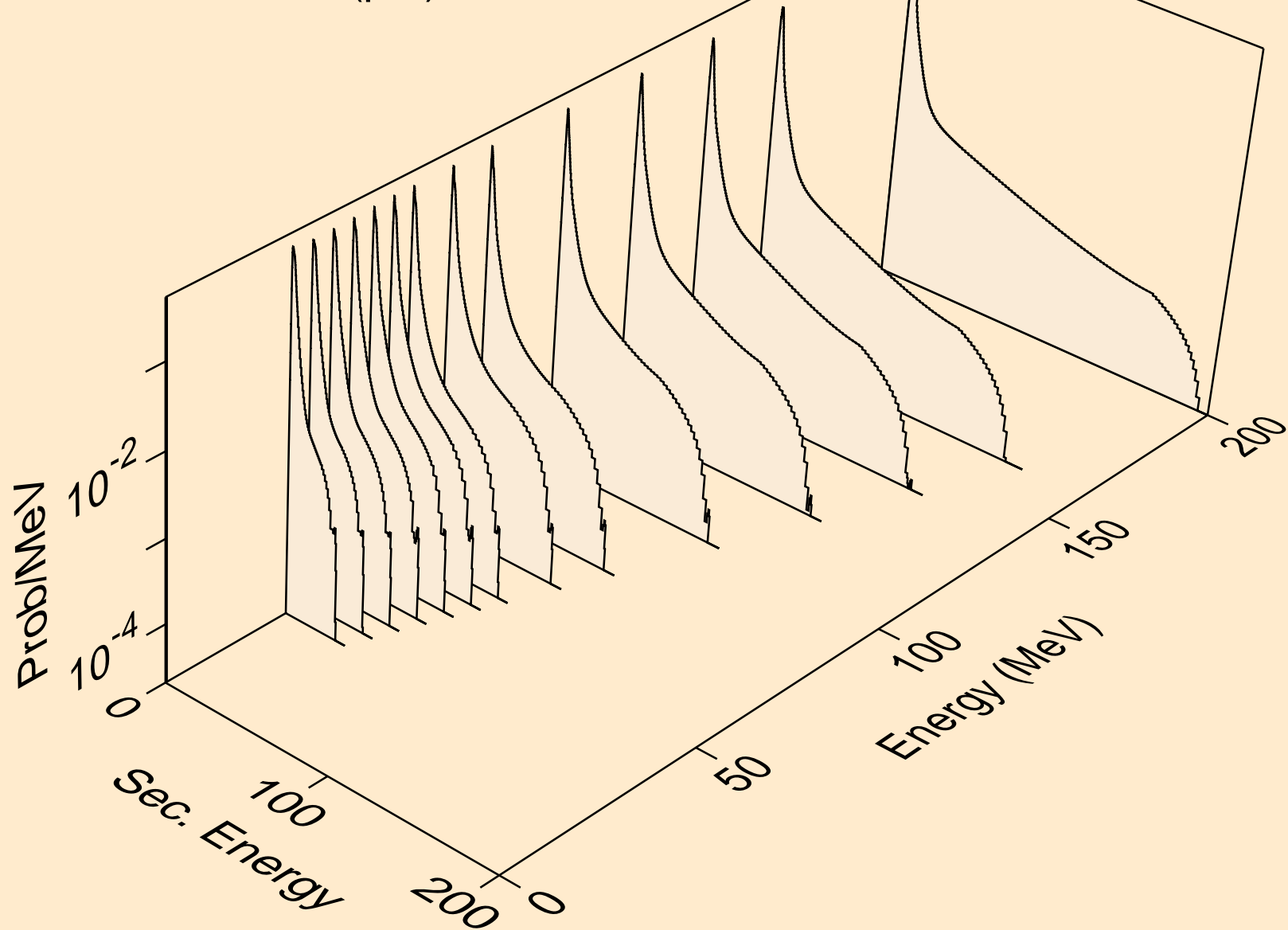
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



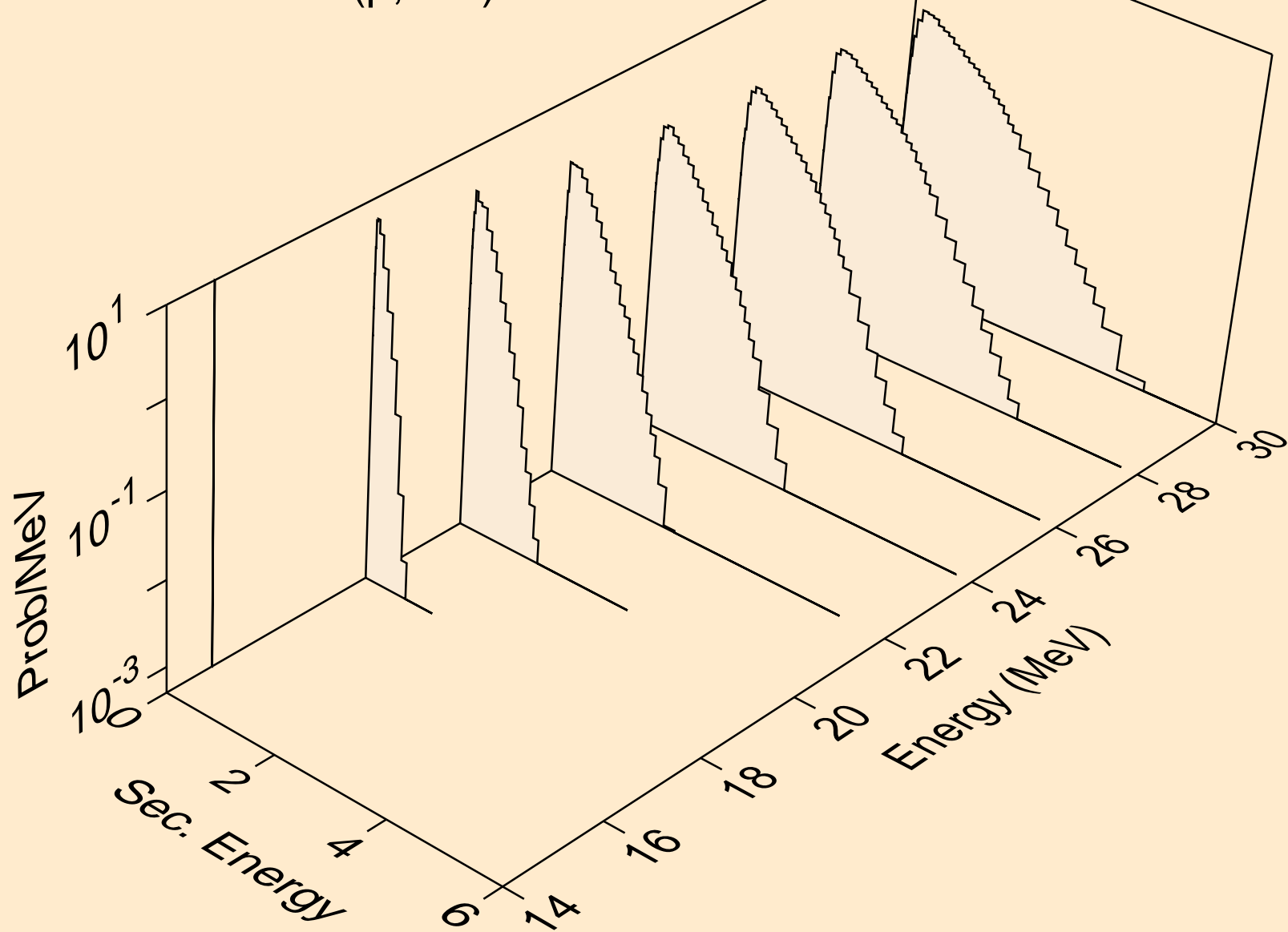
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



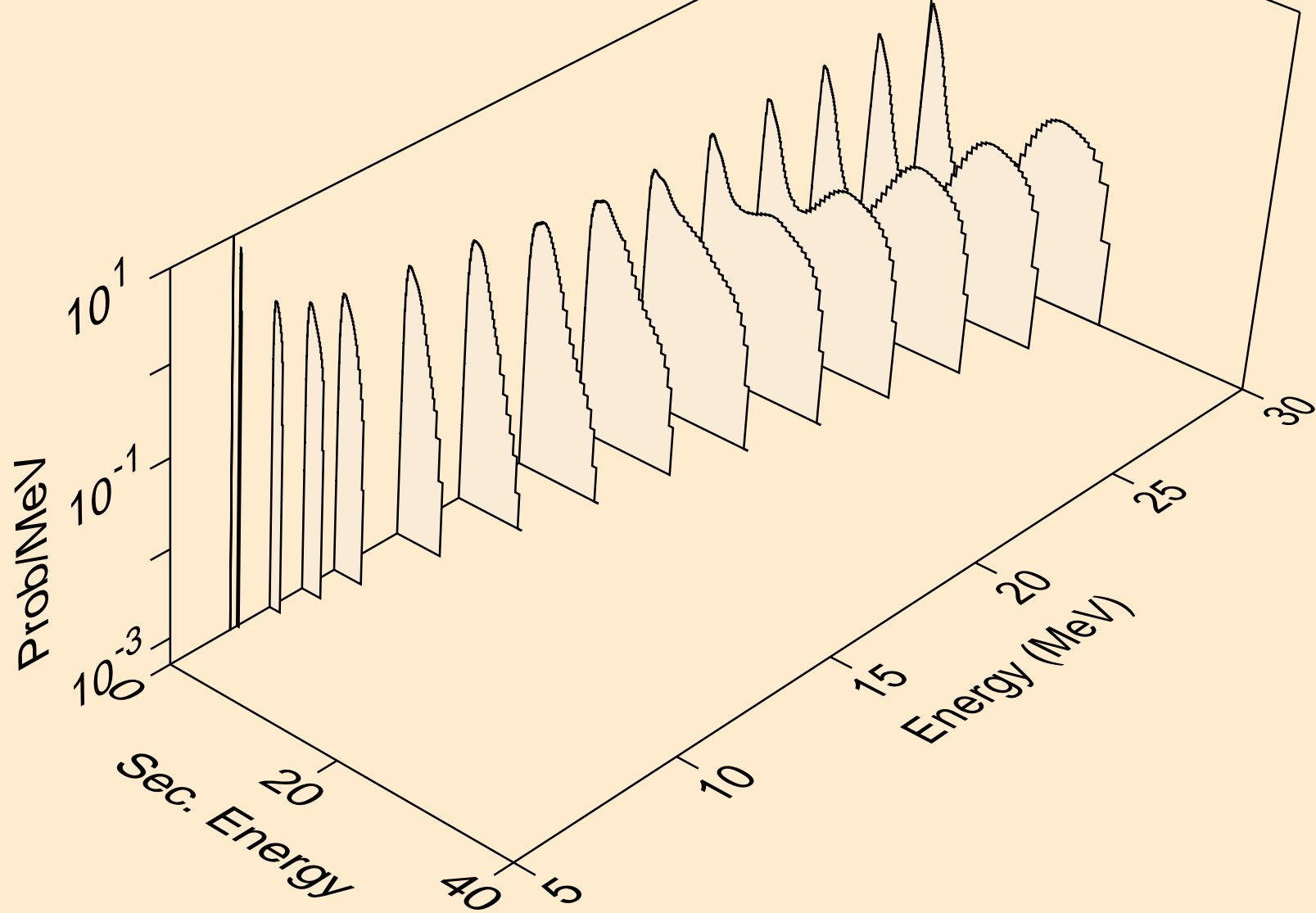
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



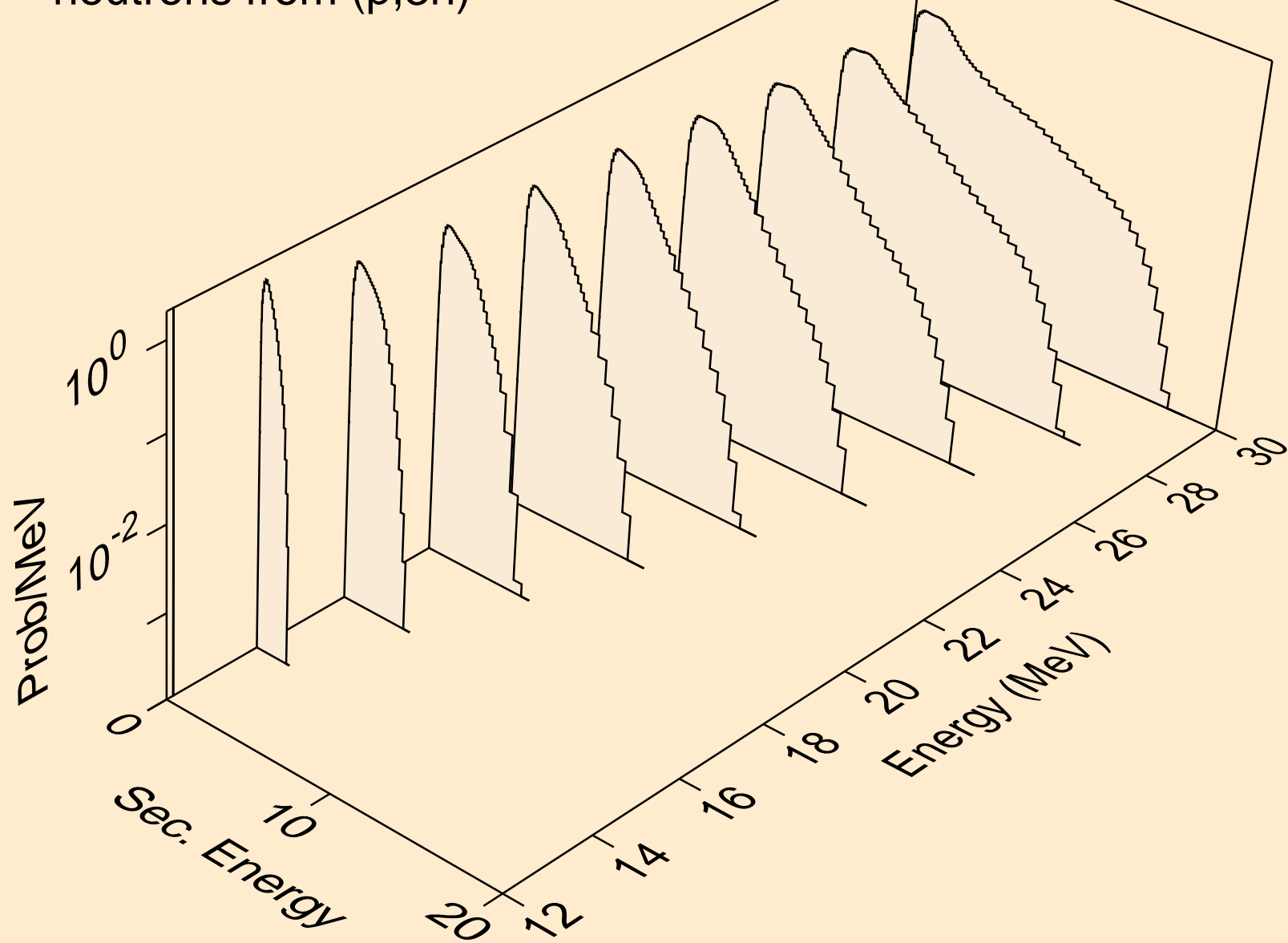
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



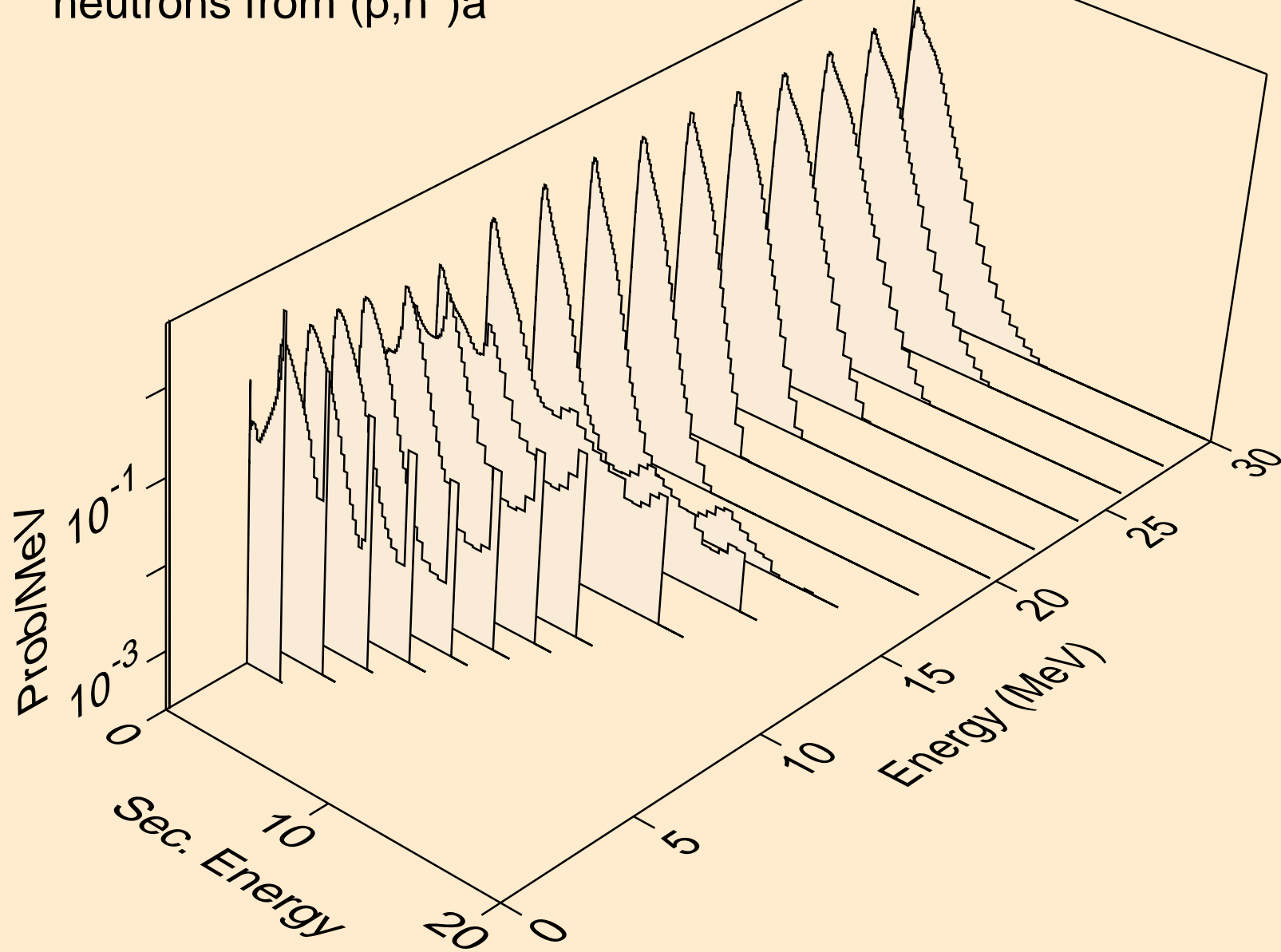
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

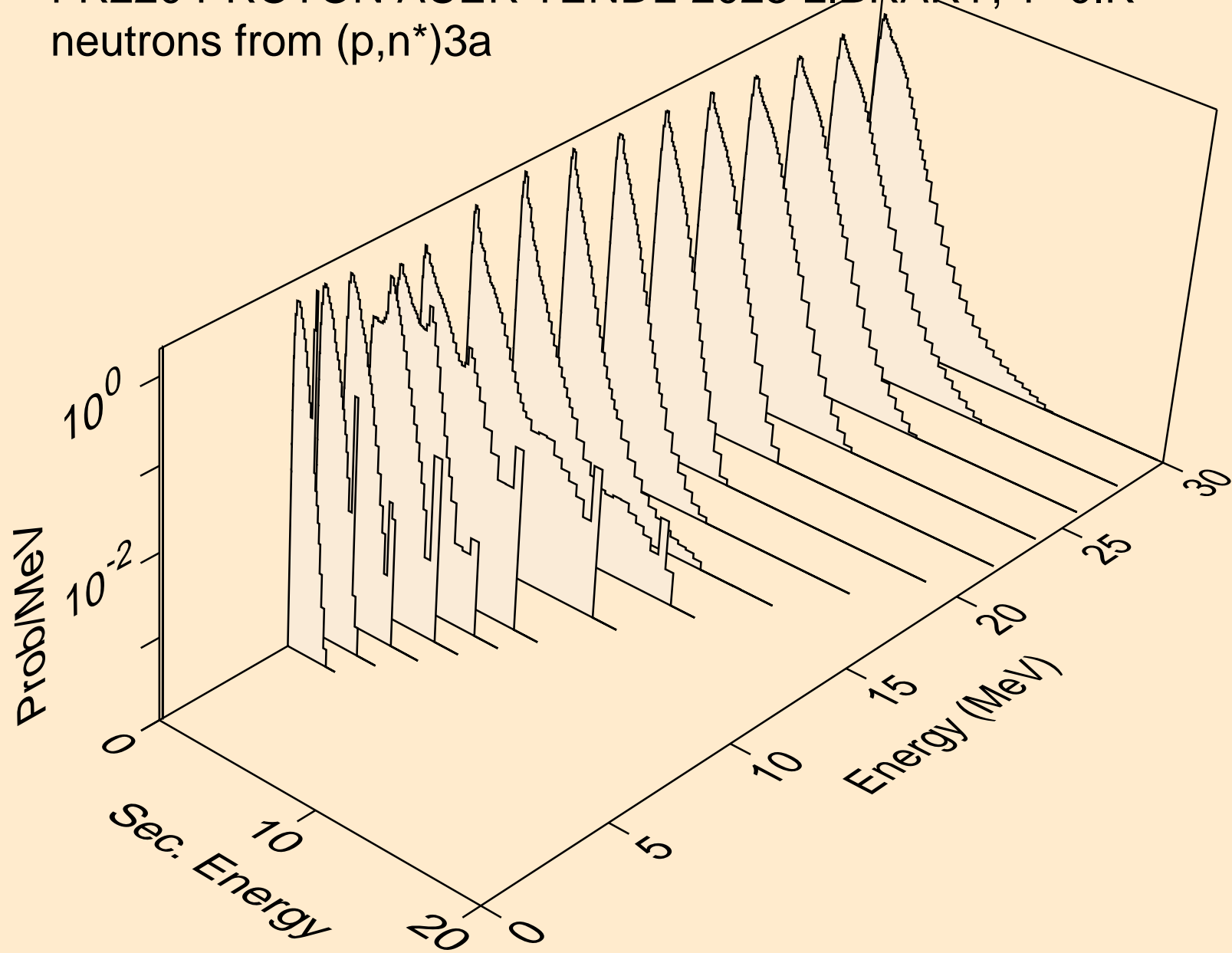


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

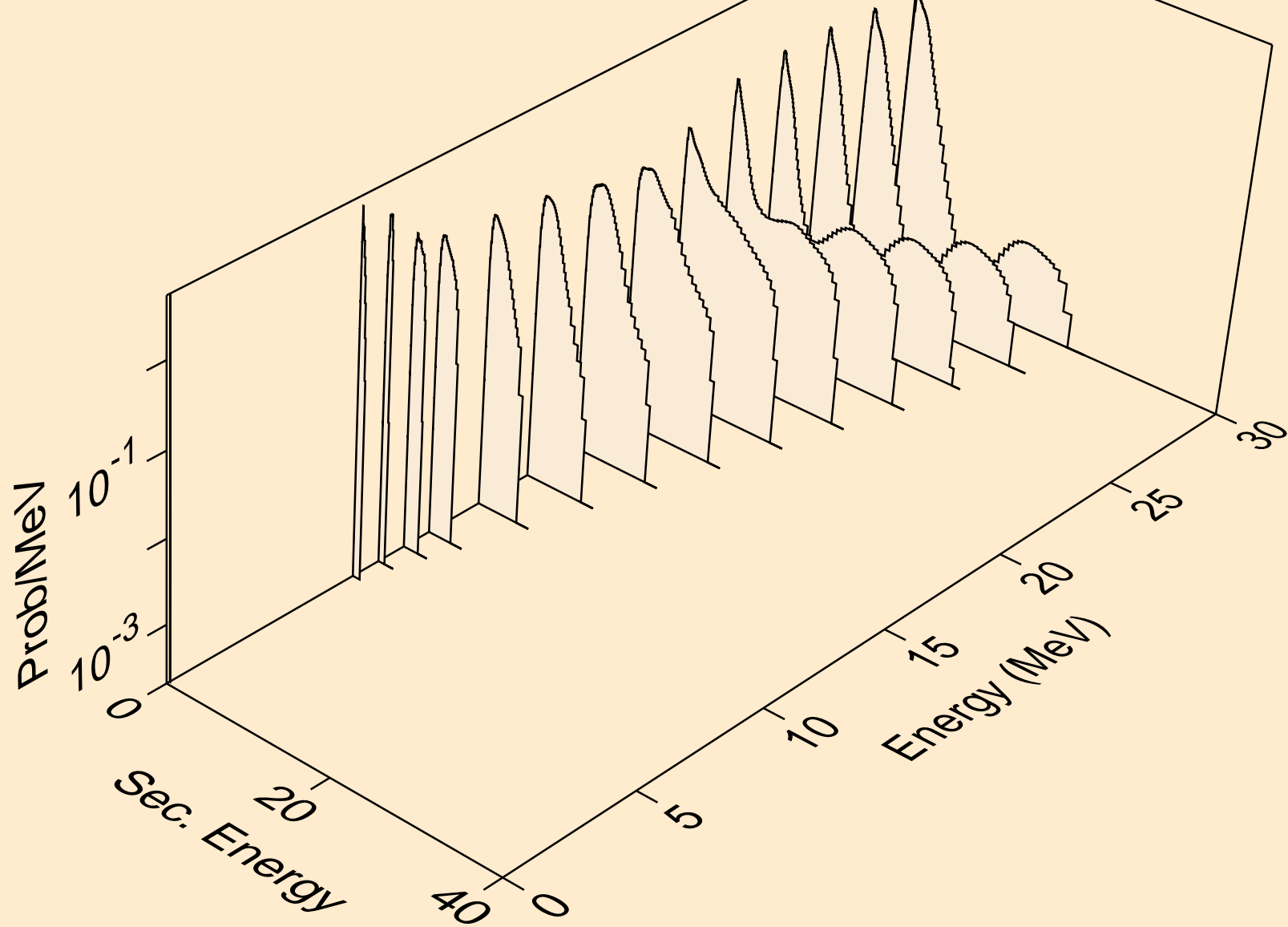




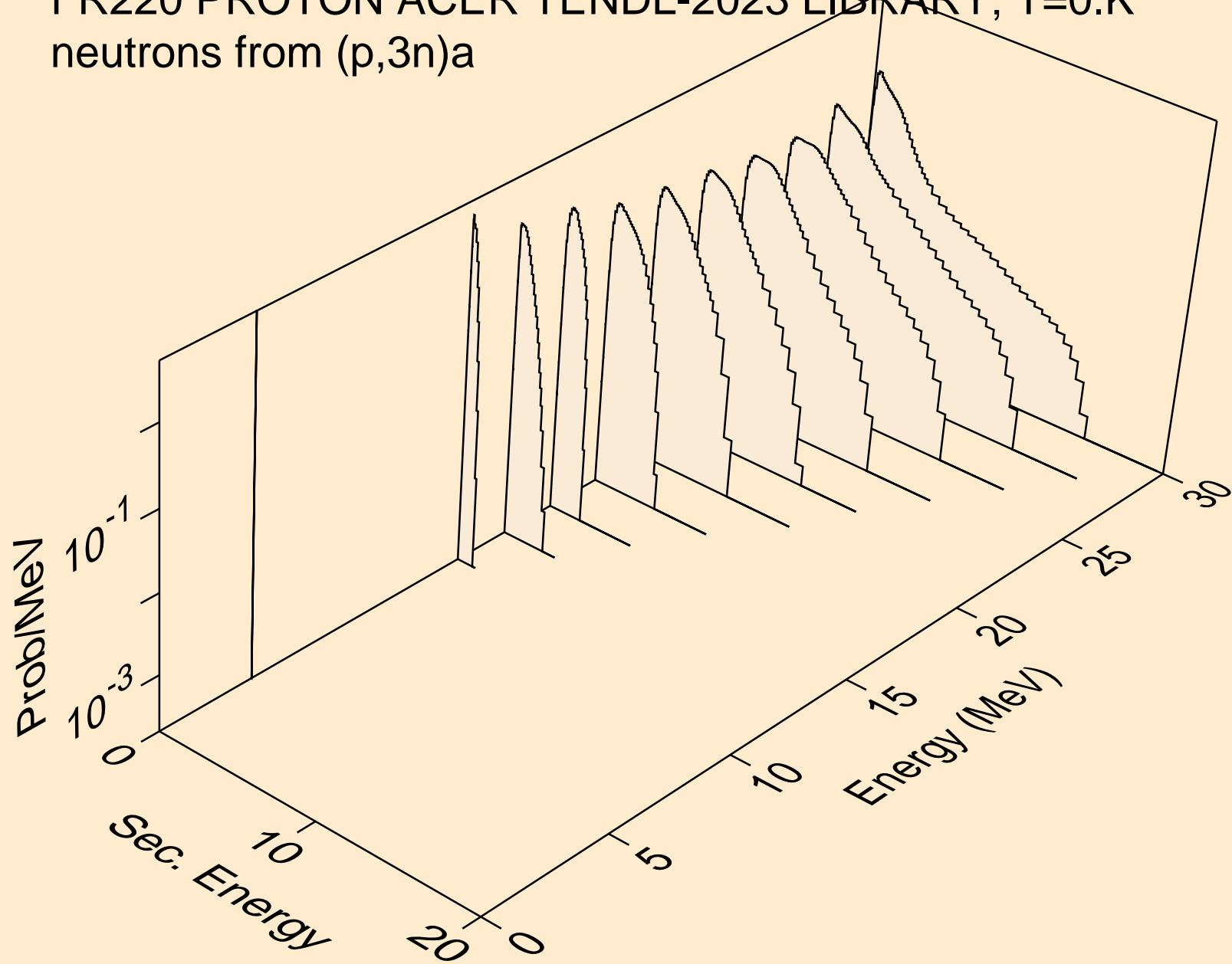
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)3a



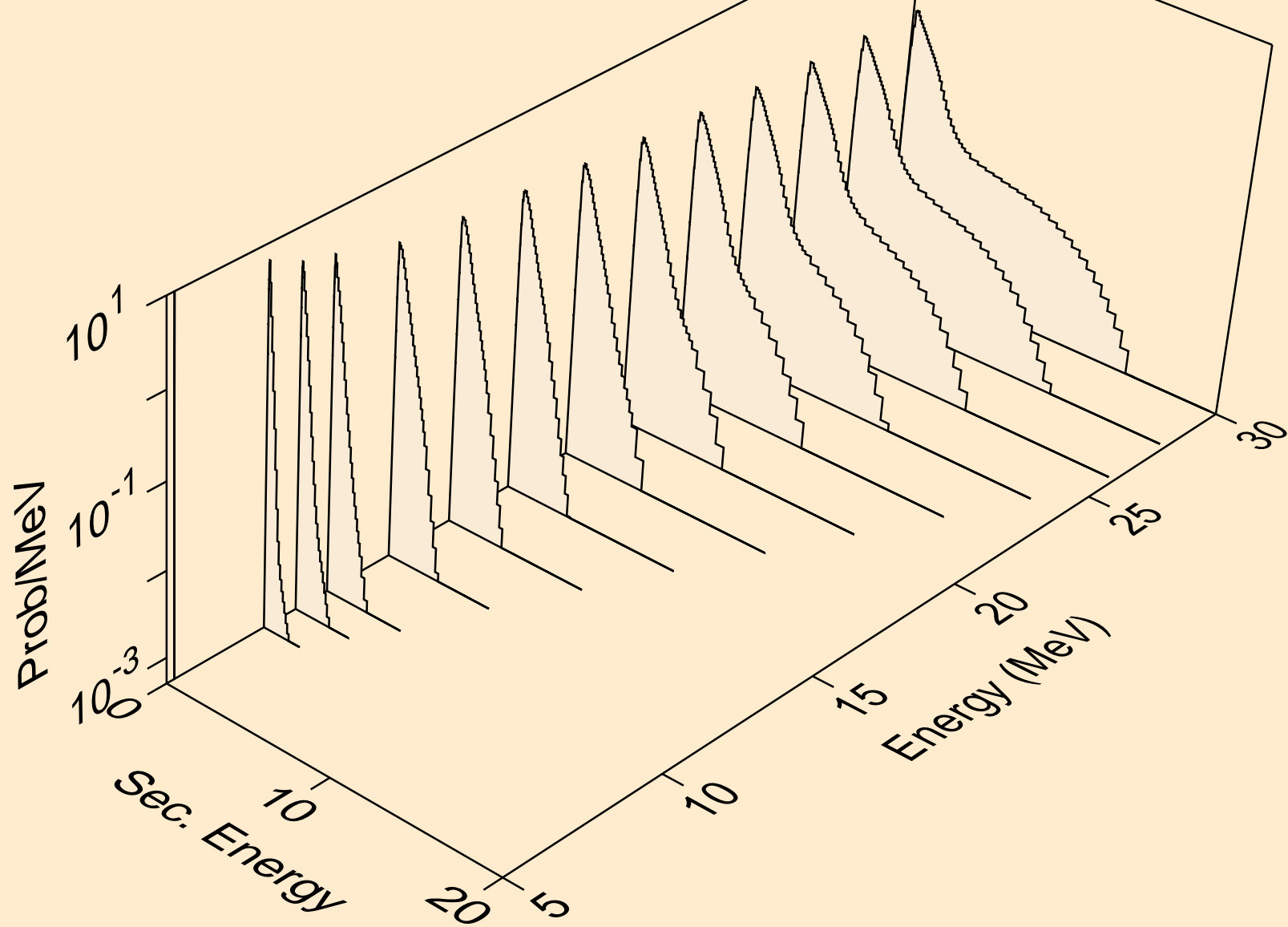
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



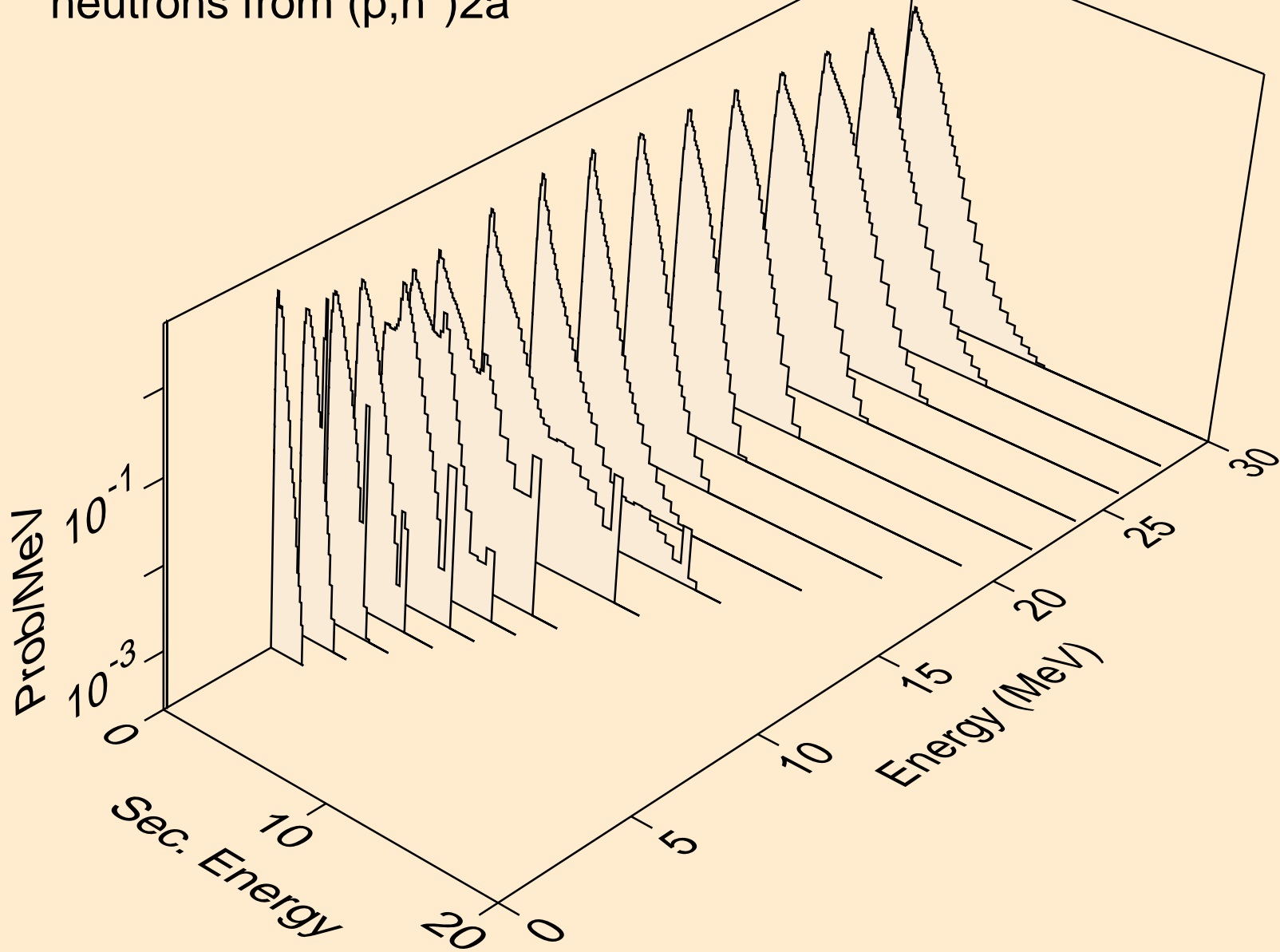
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



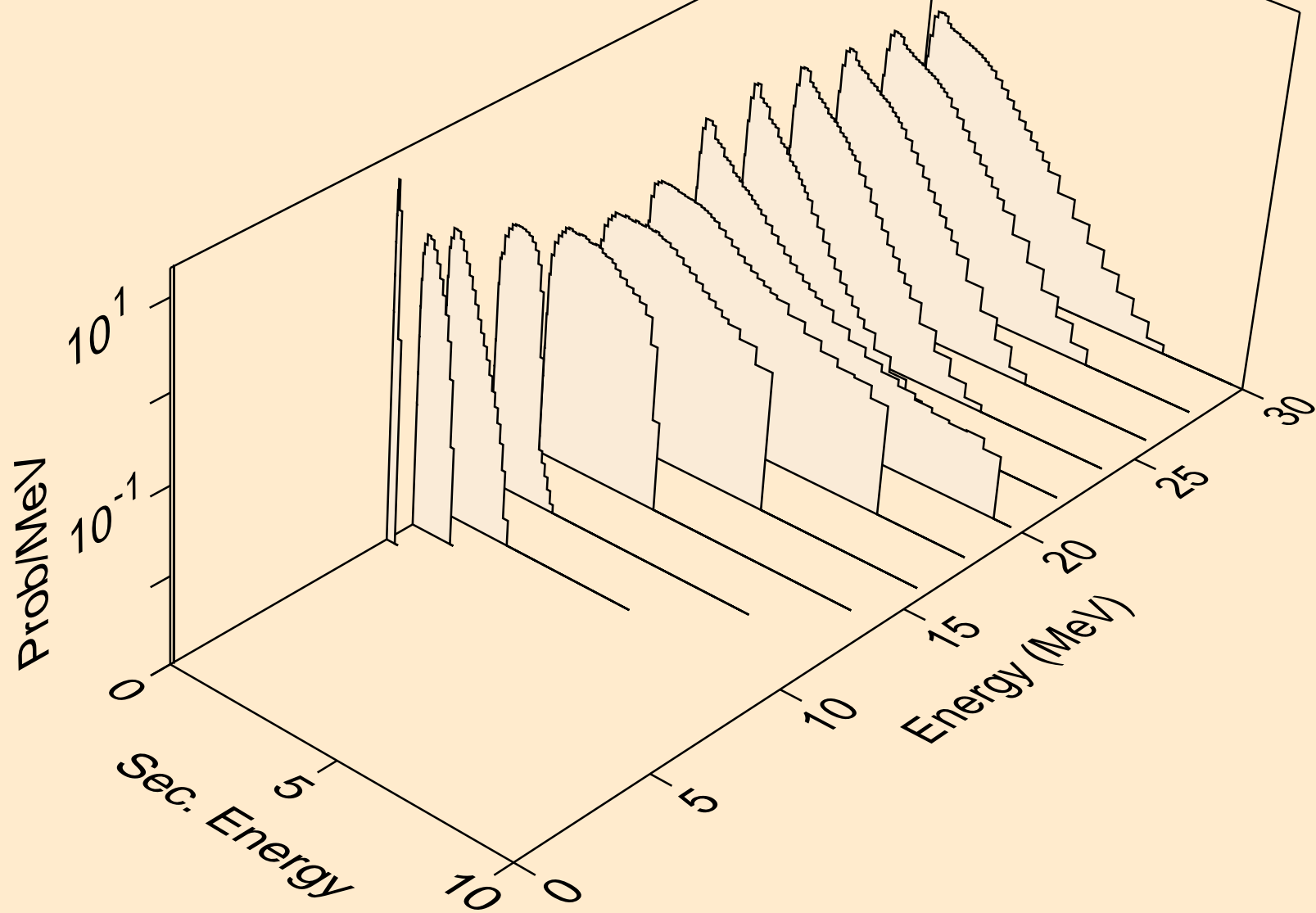
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



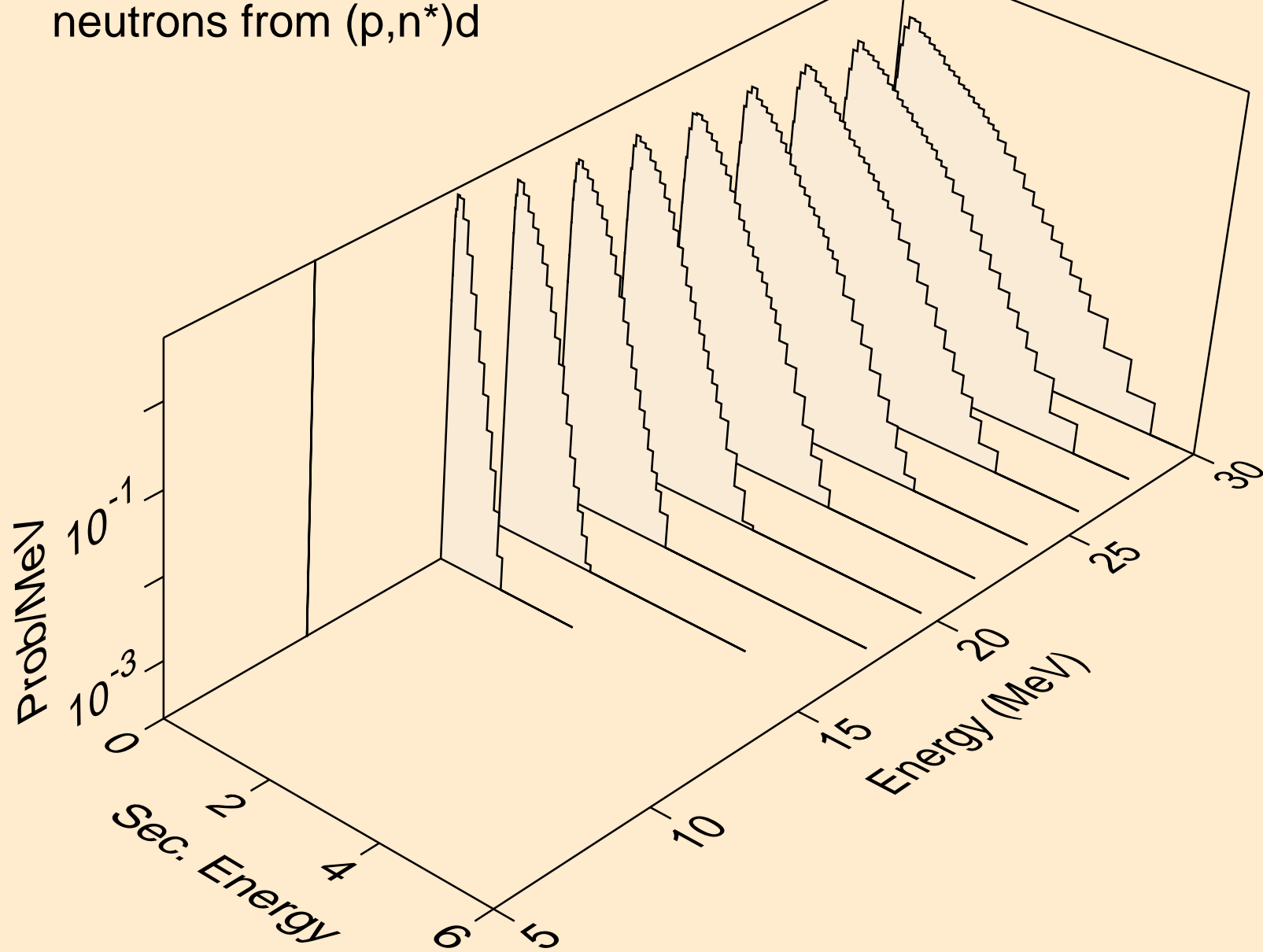
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



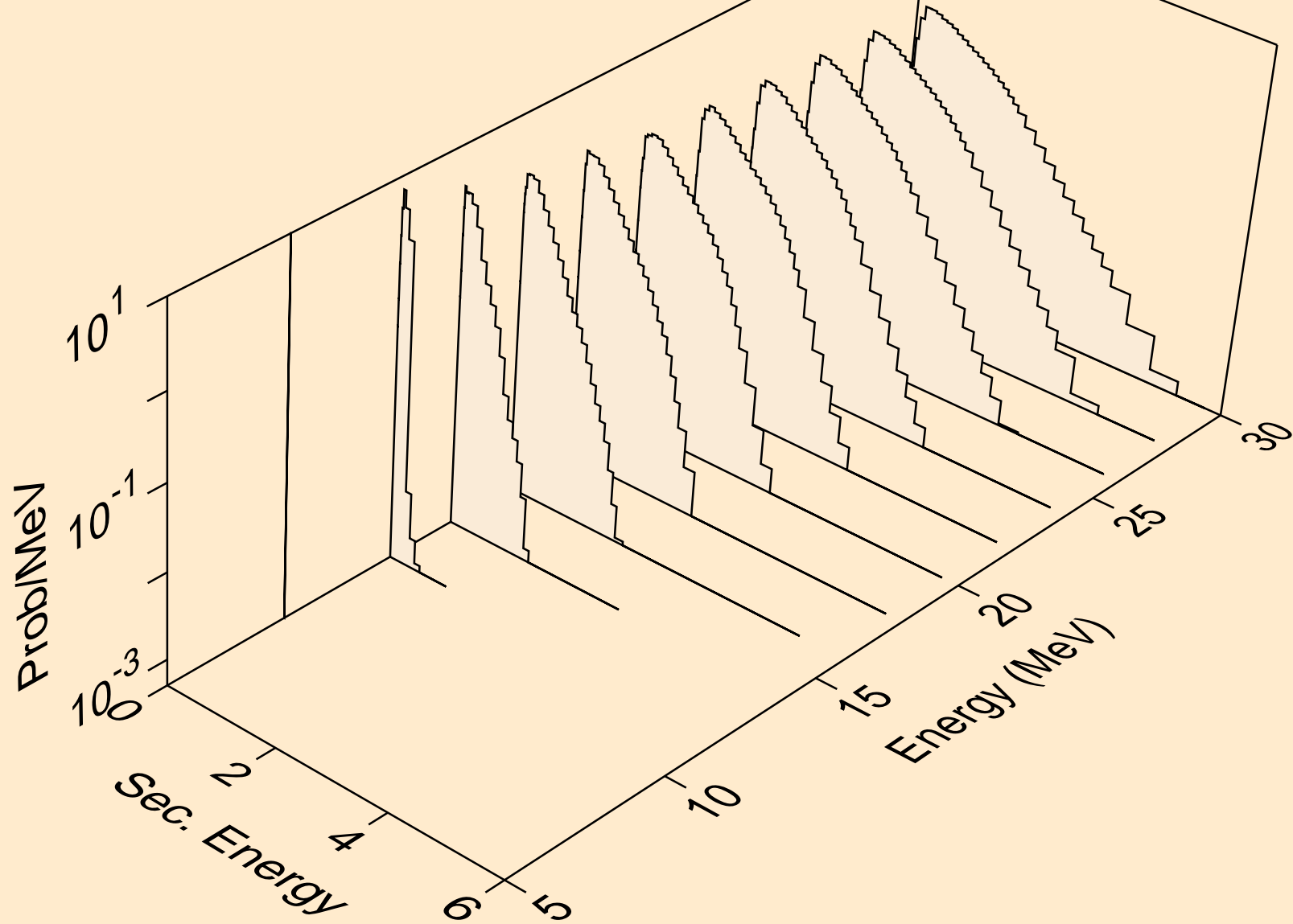
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)2a



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

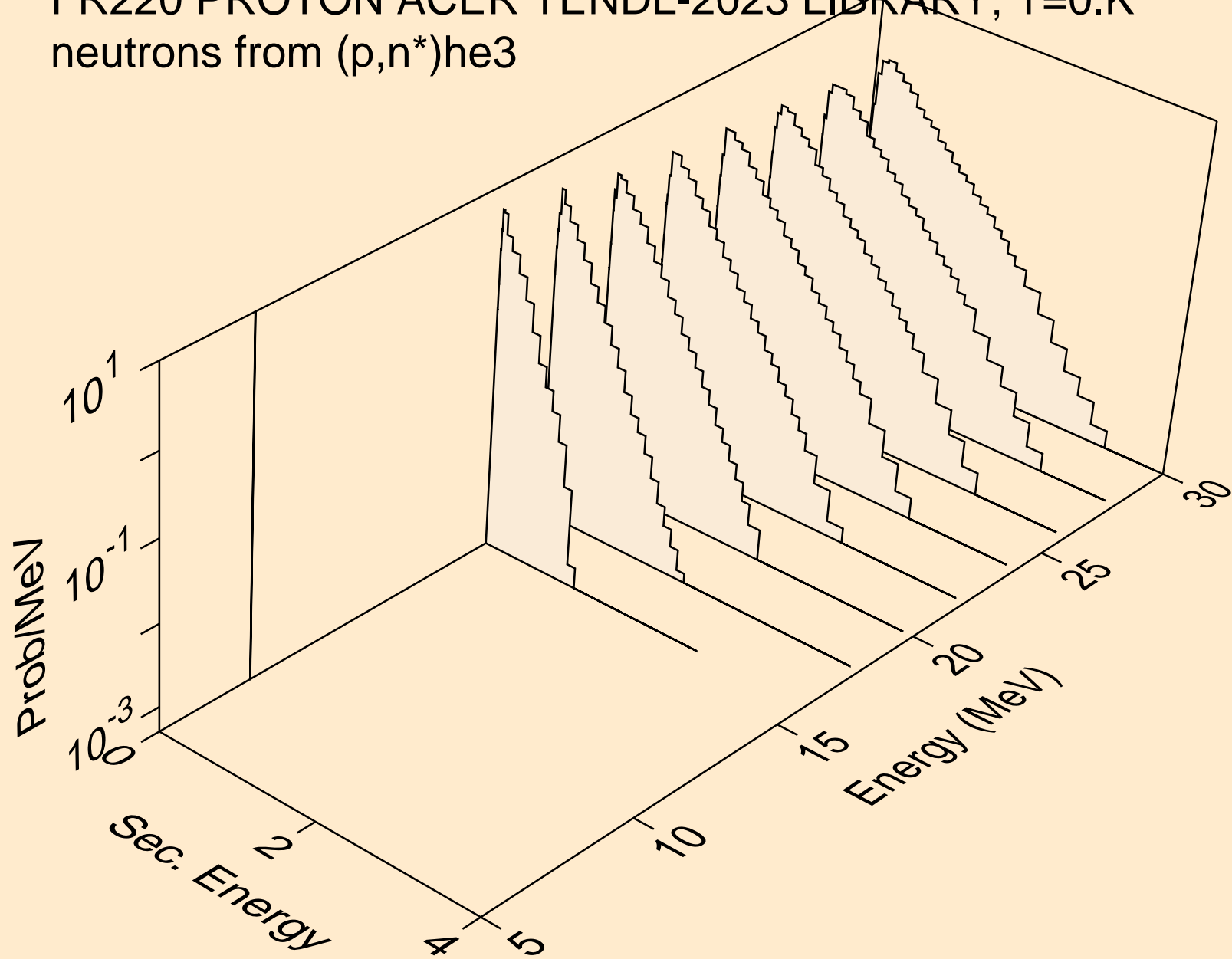


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

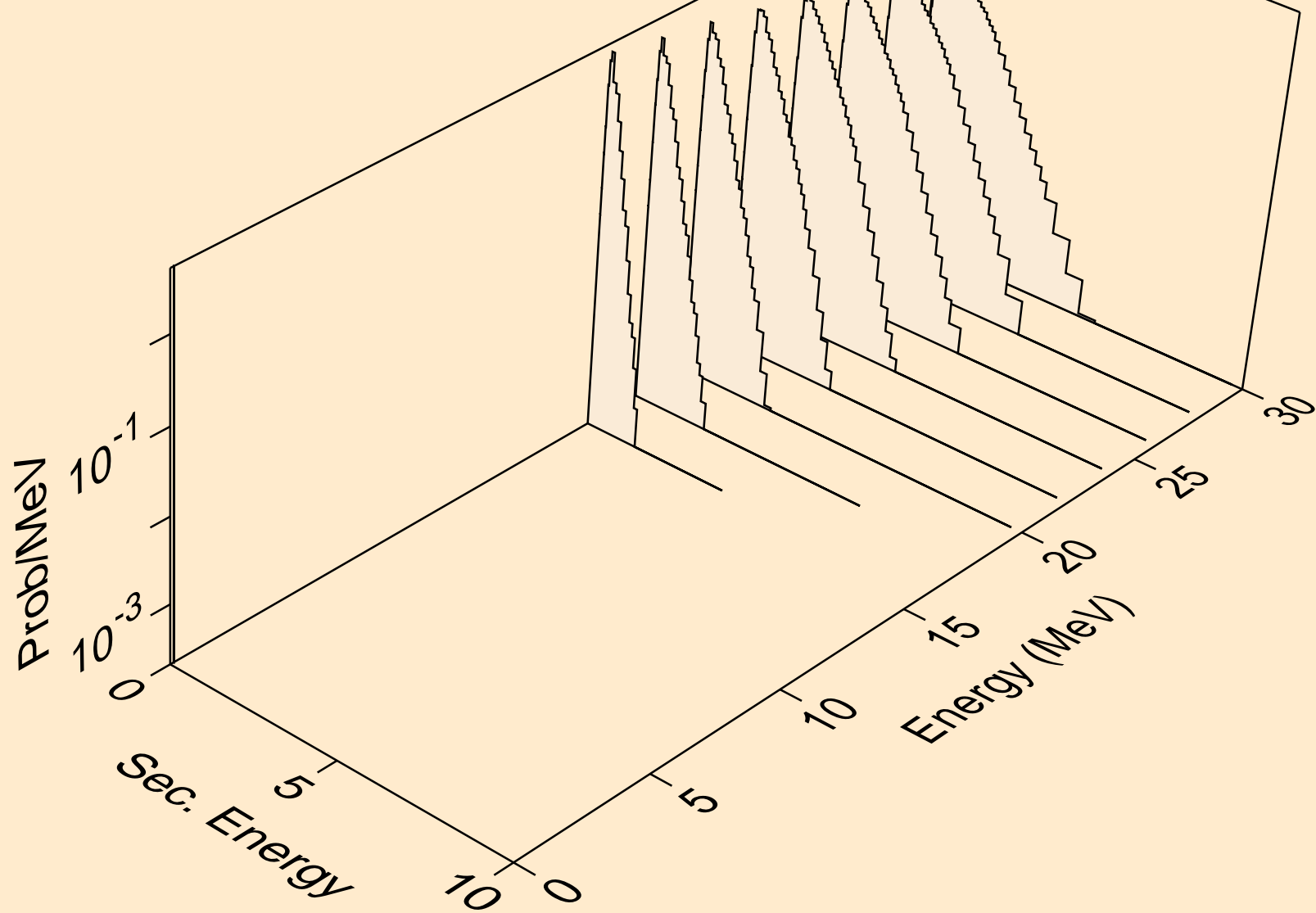




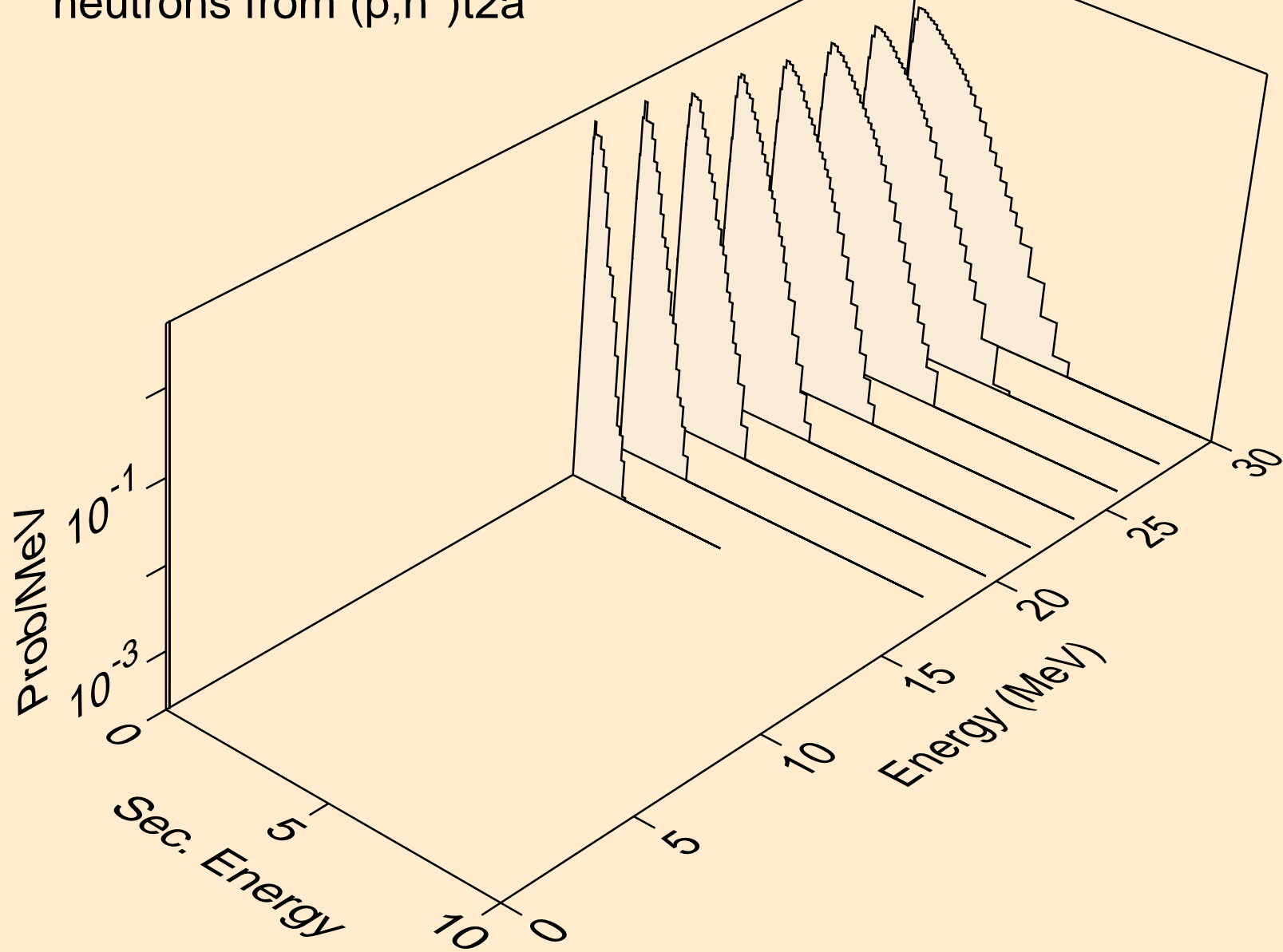
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



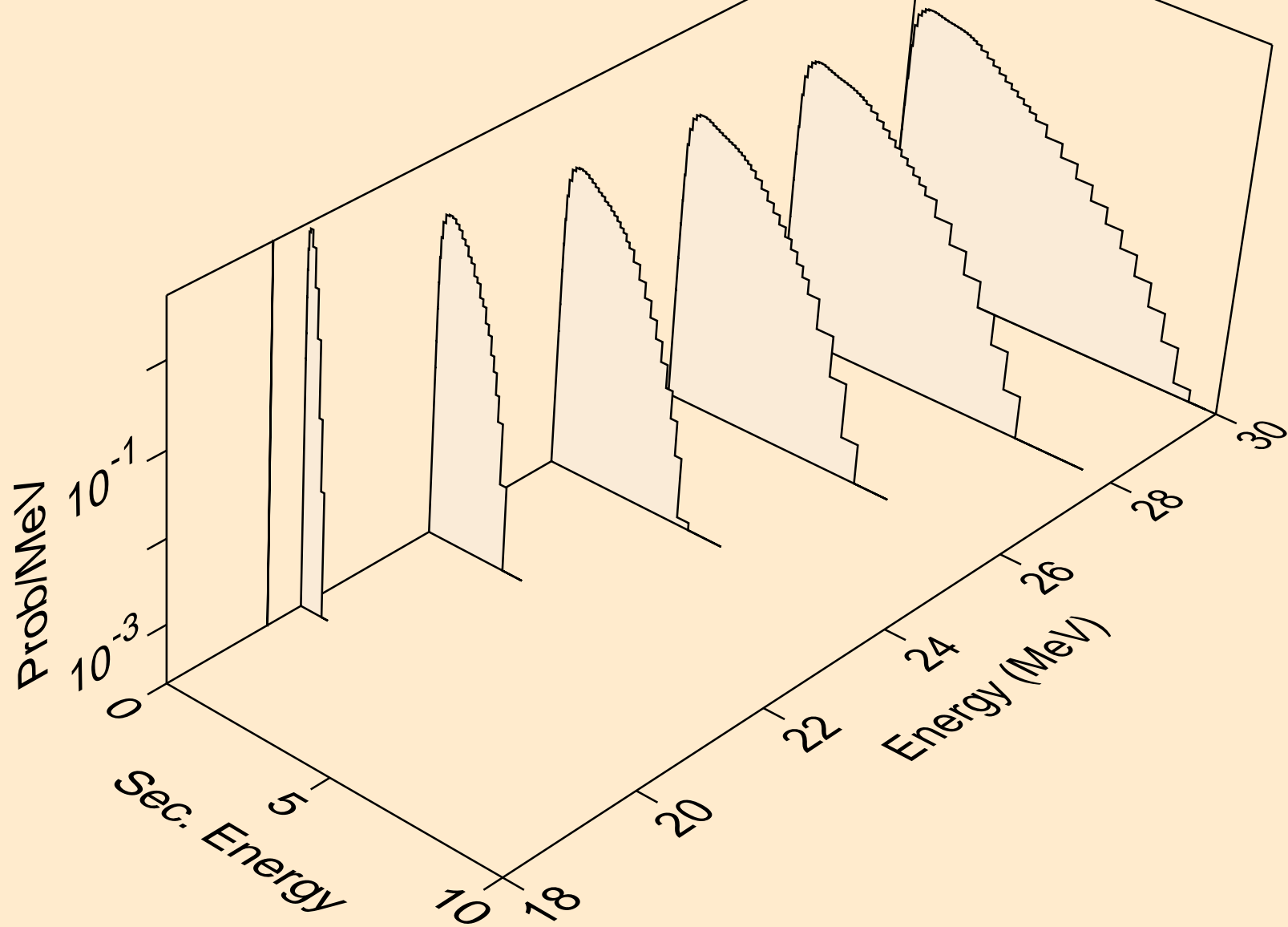
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d2a



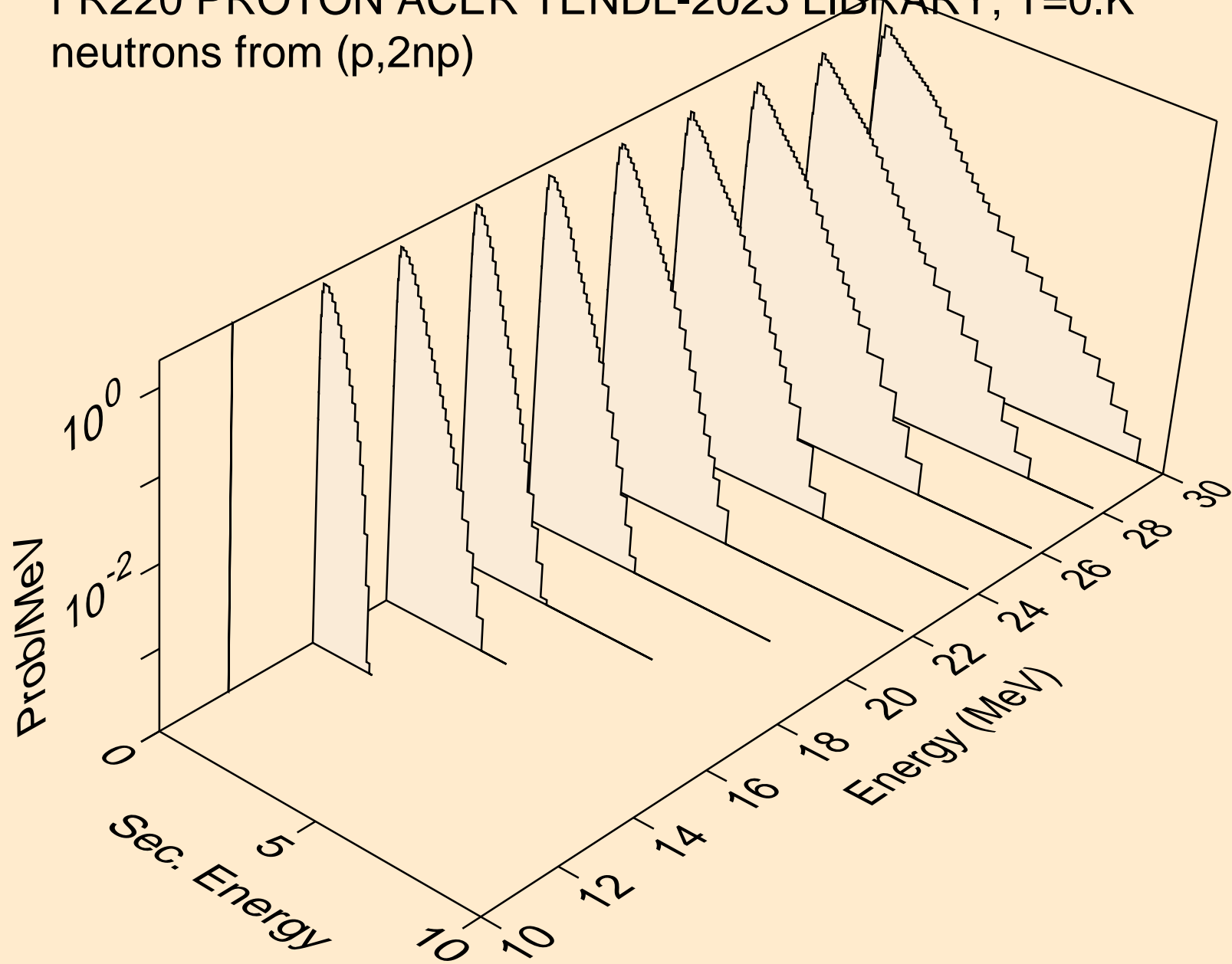
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t2a



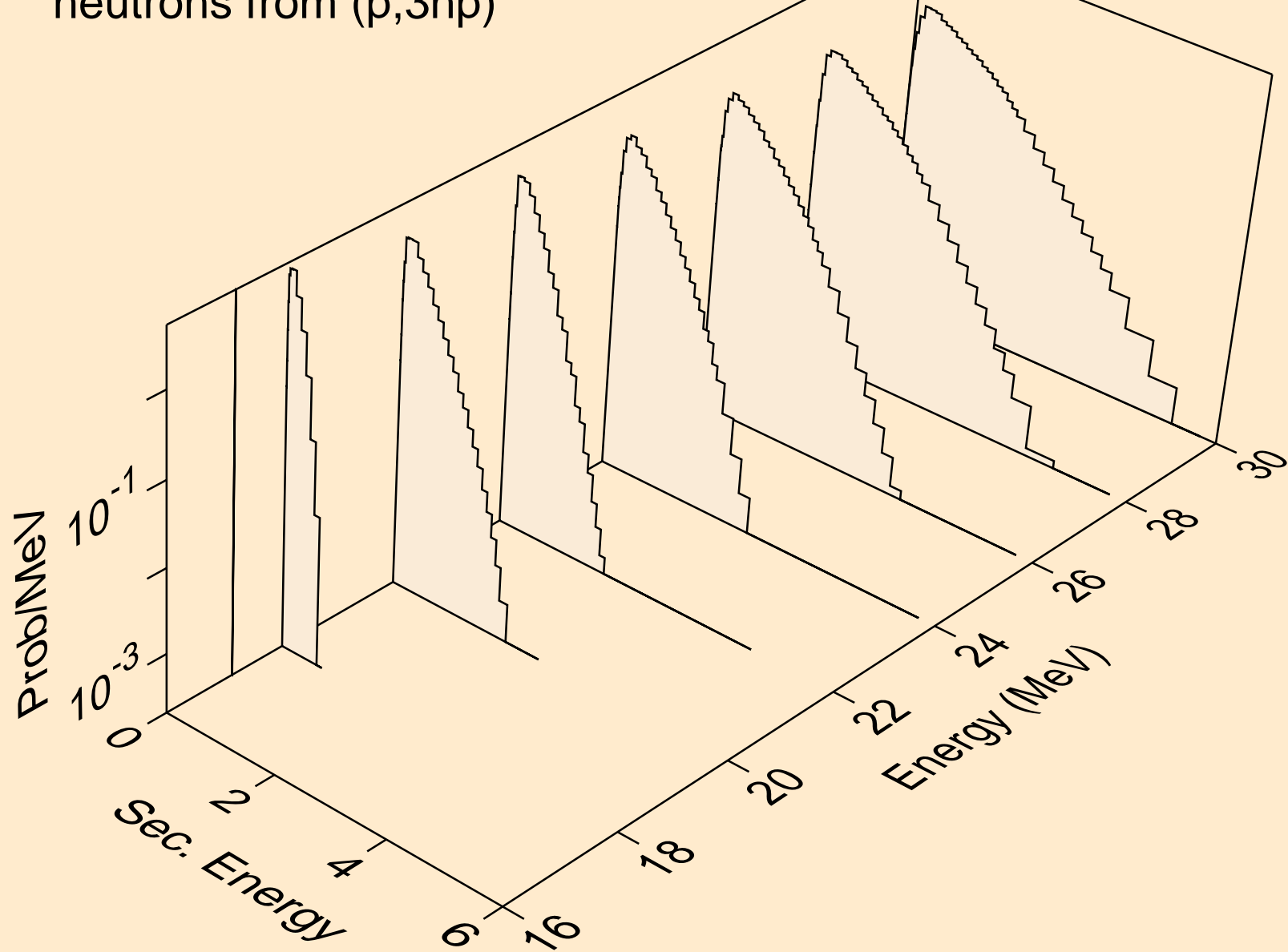
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



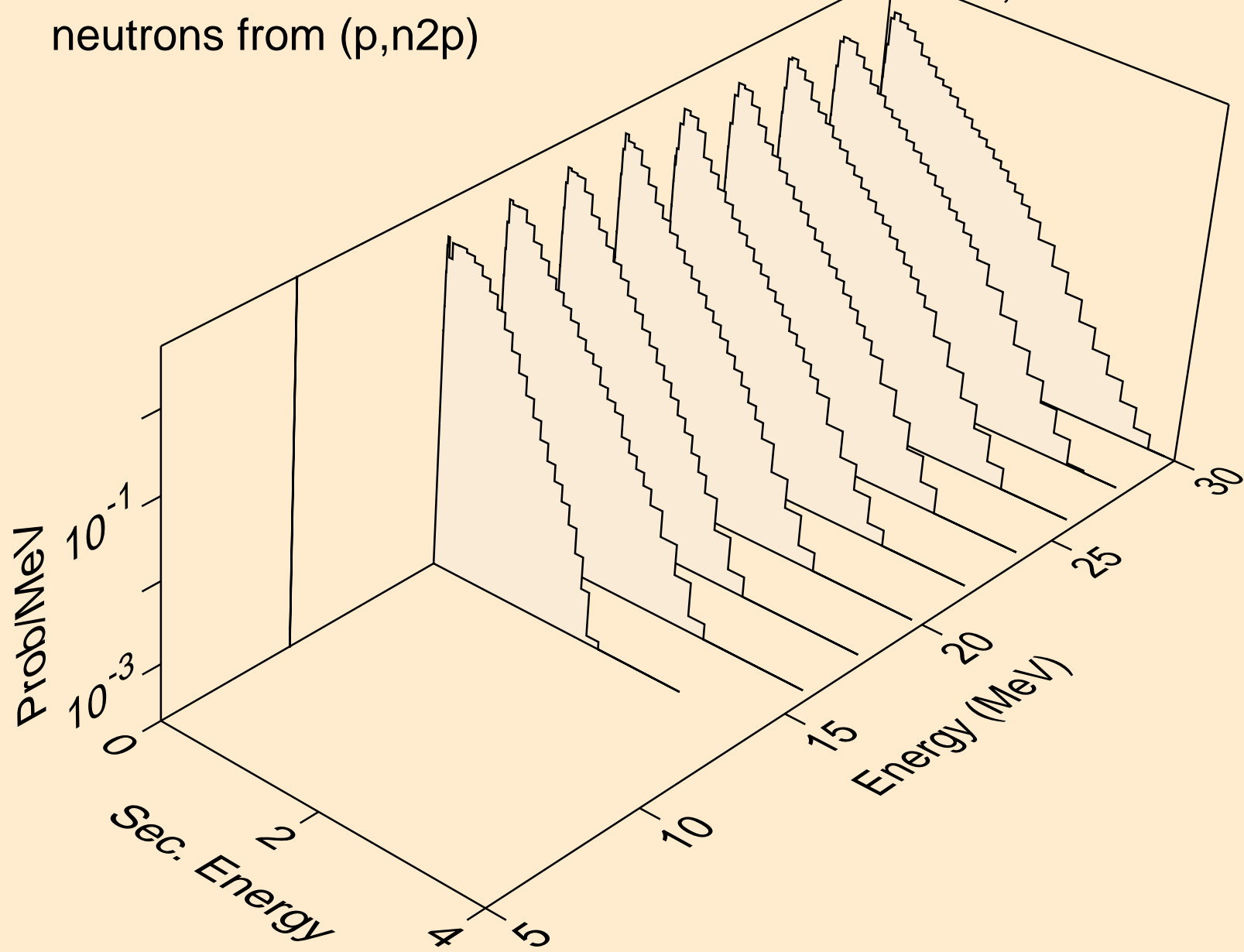
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



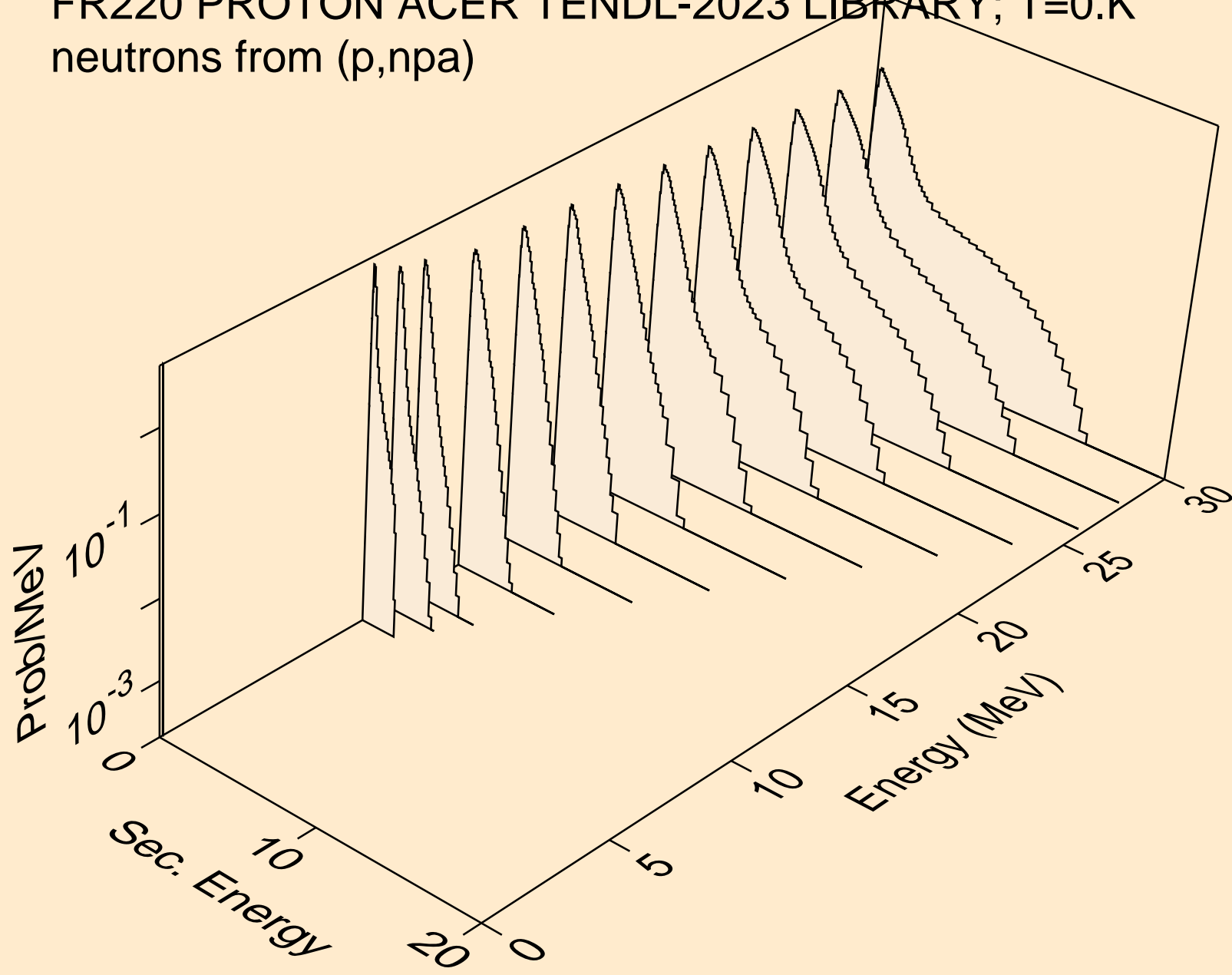
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

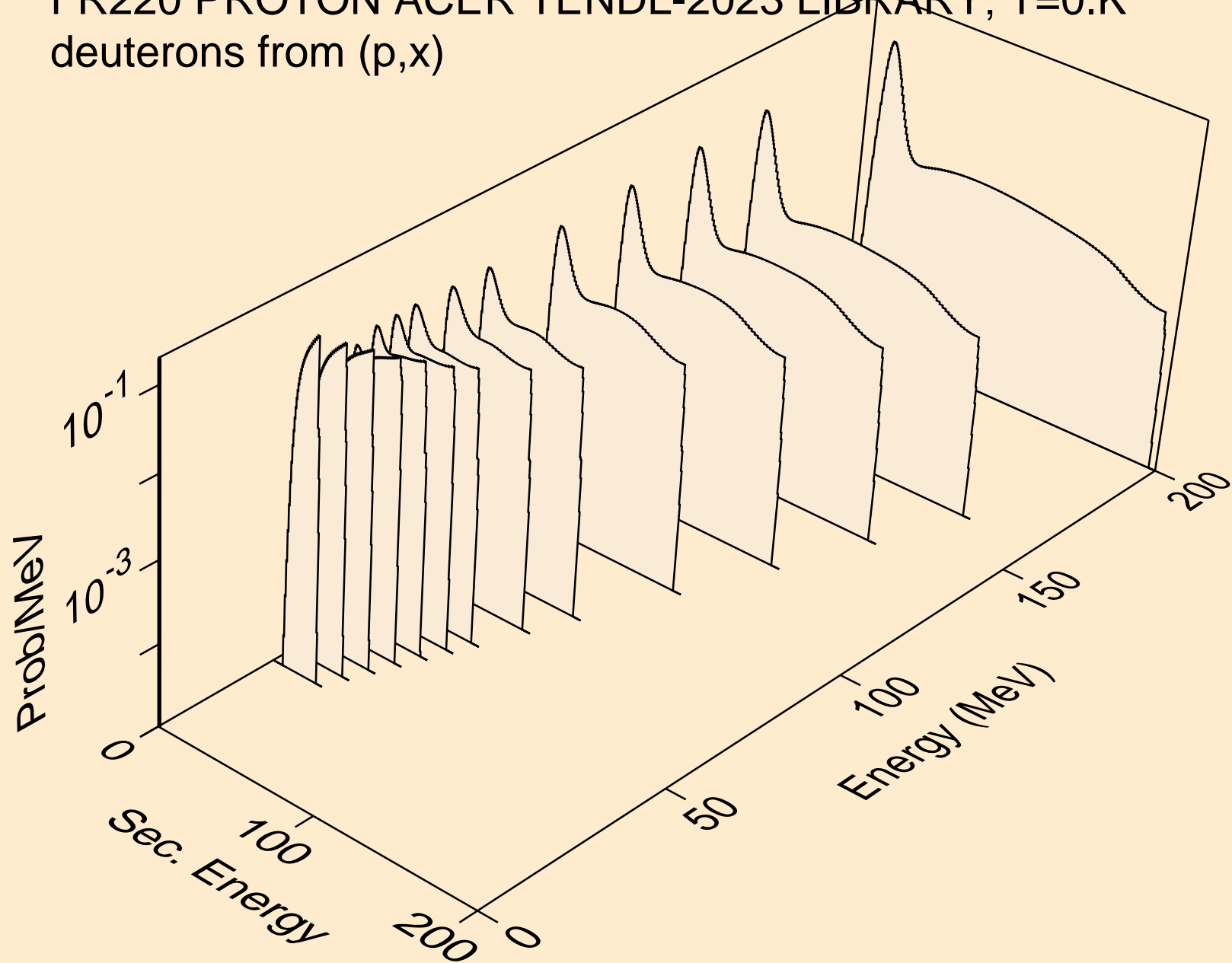


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

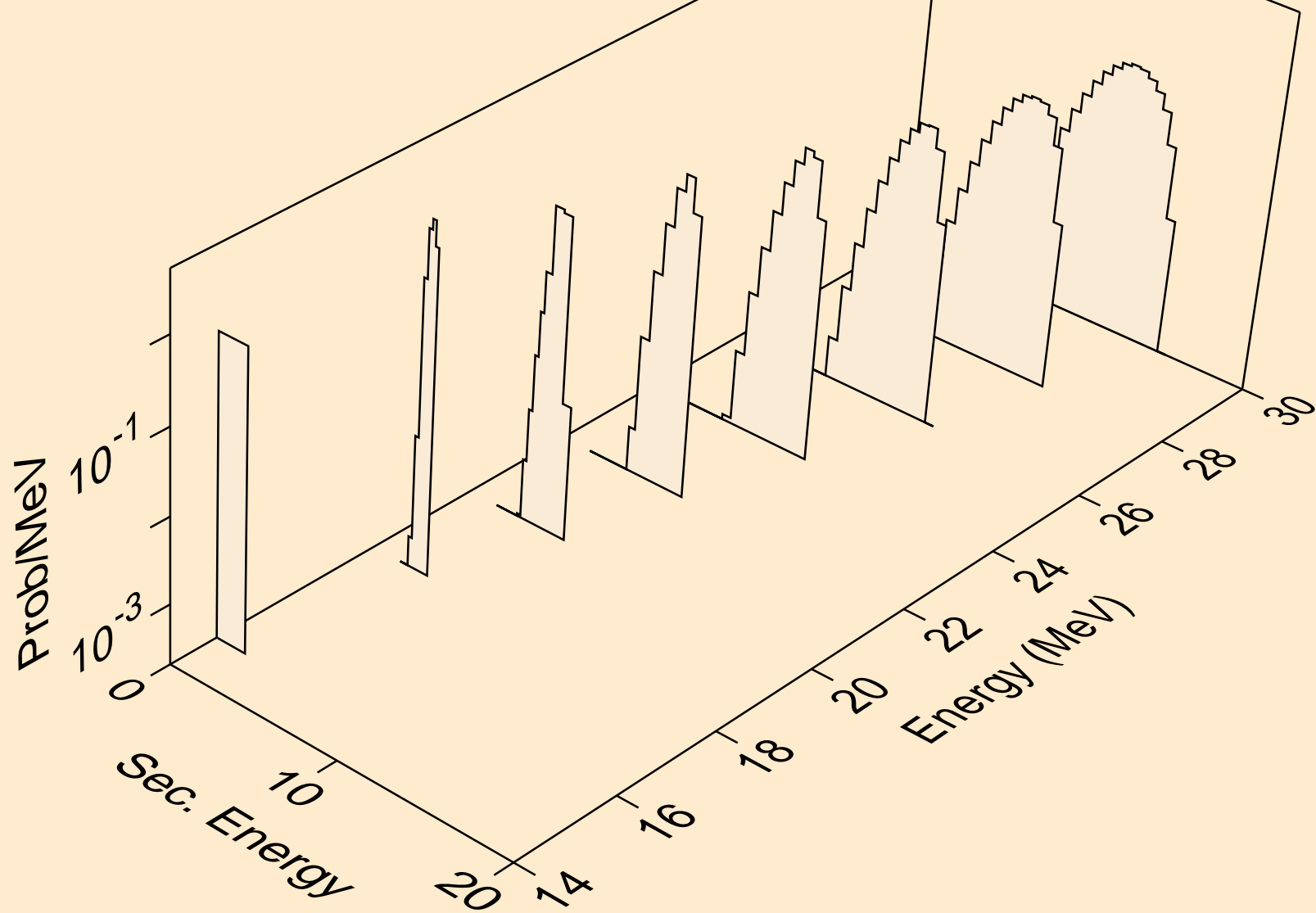




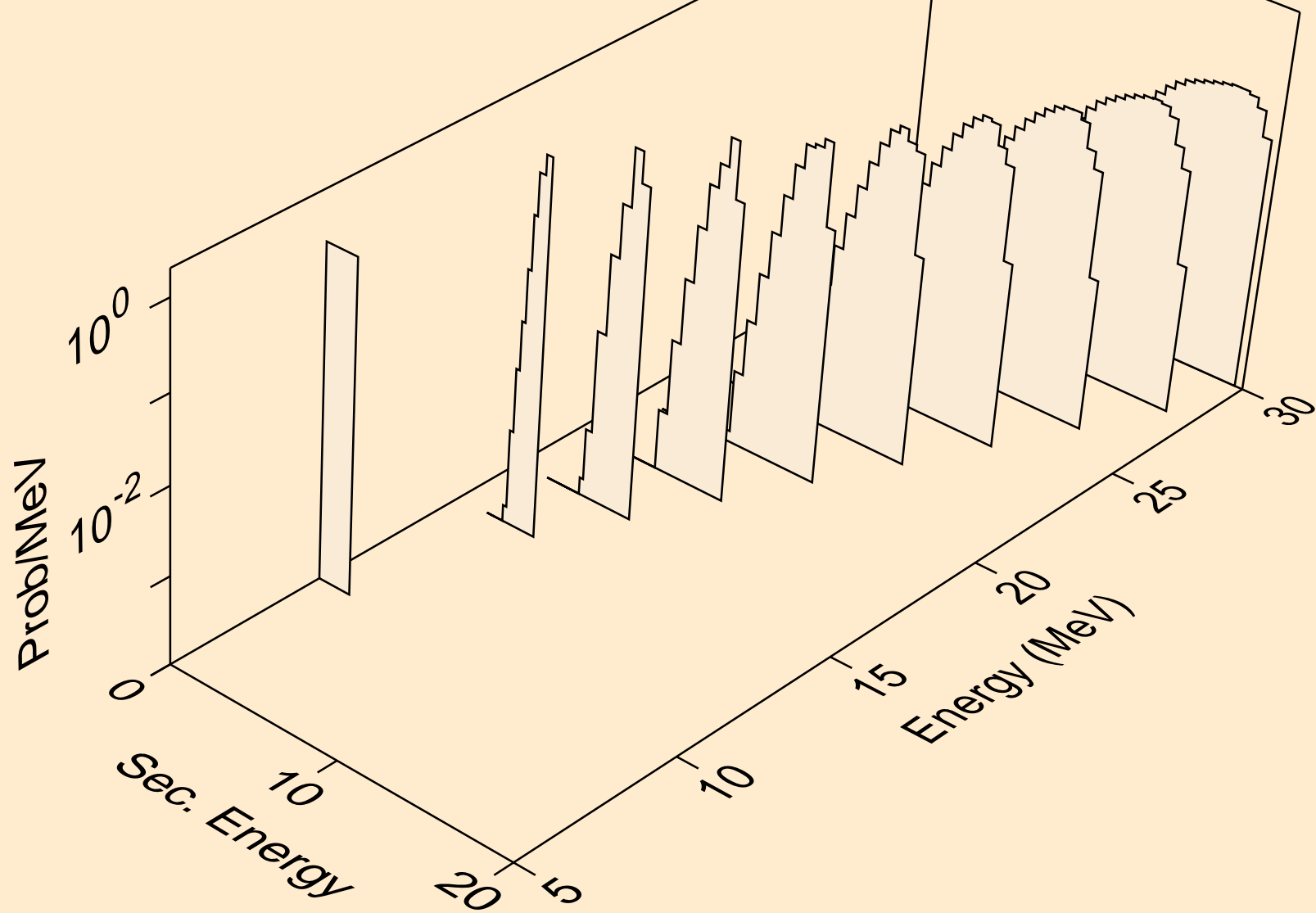
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



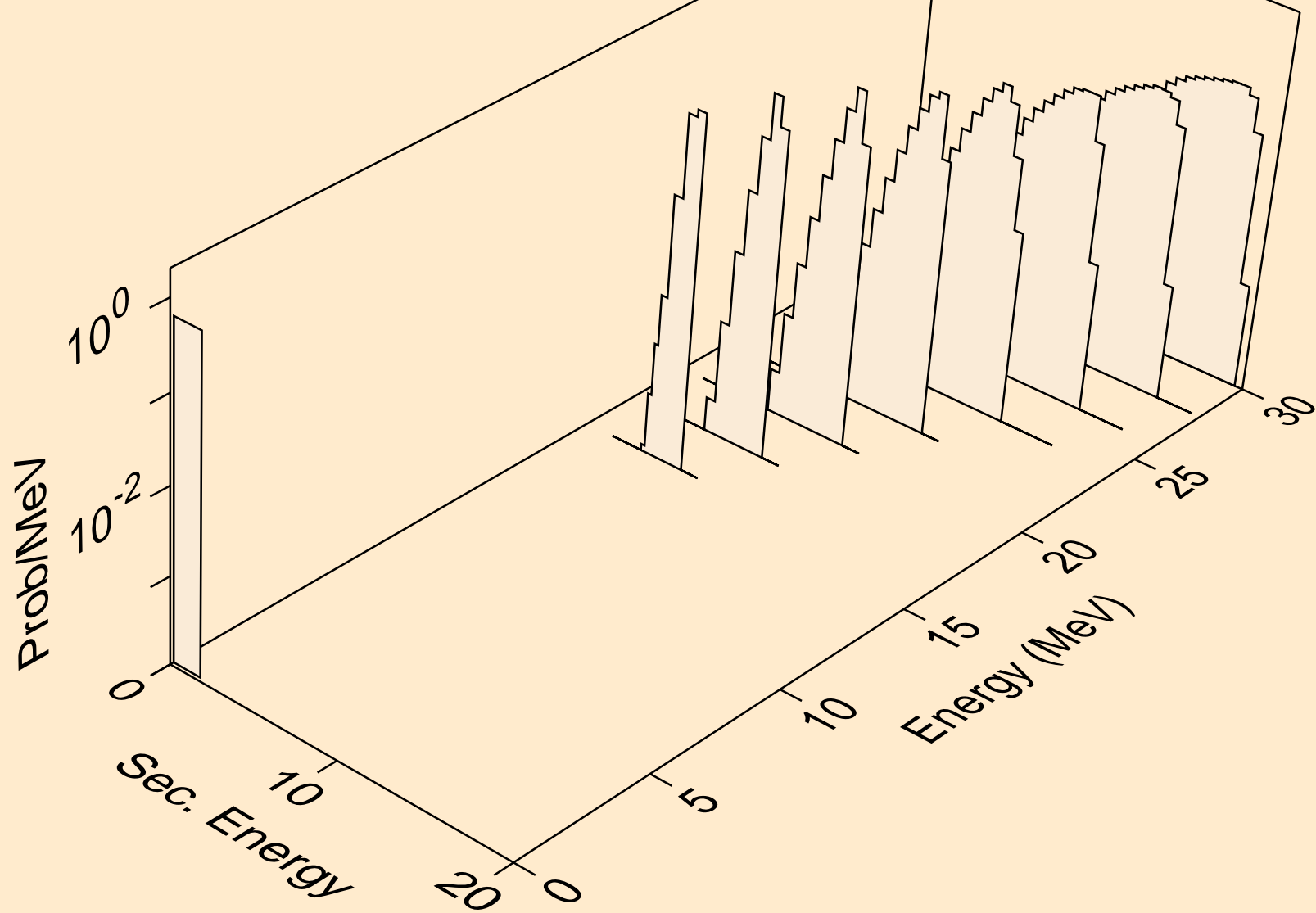
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



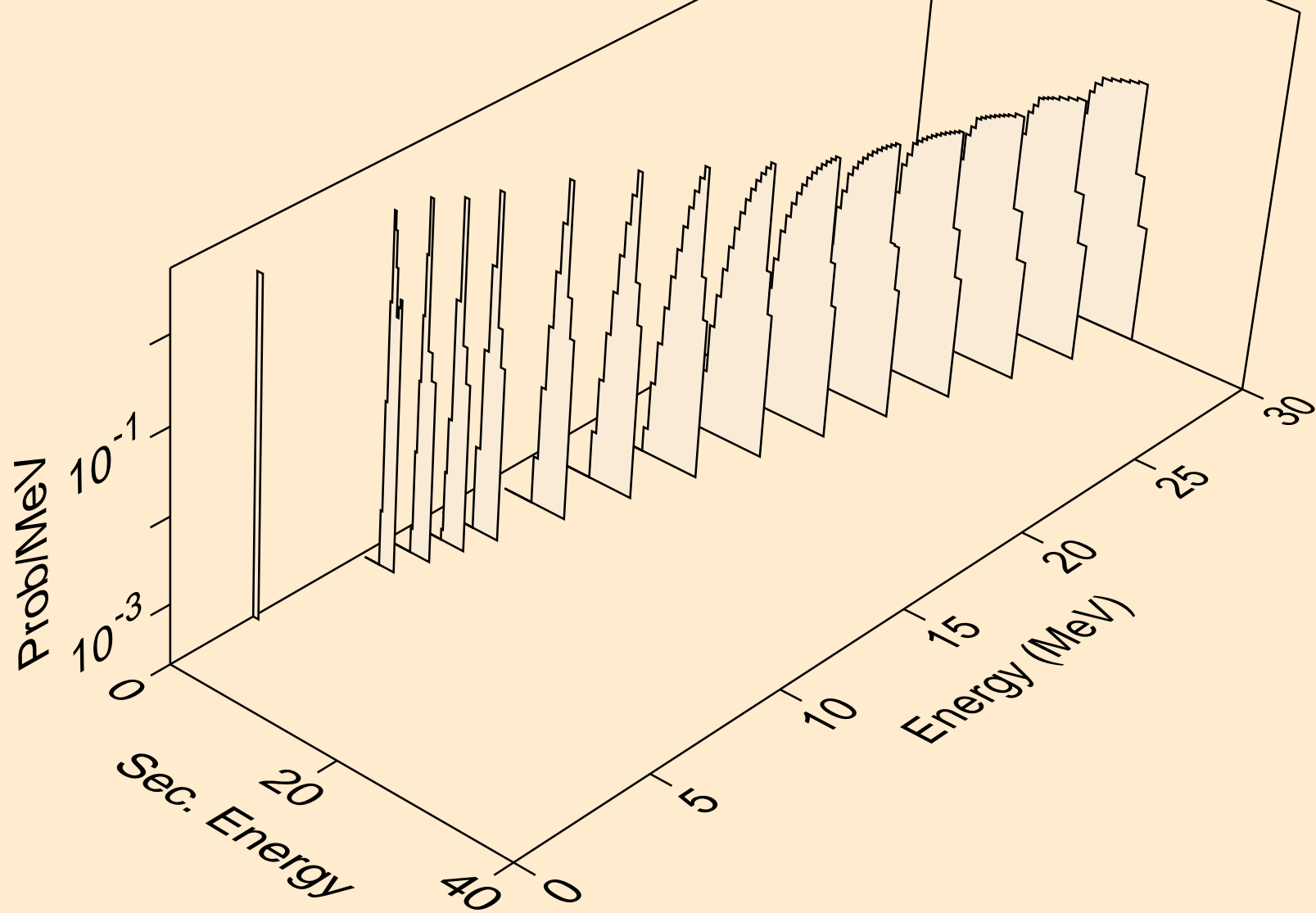
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



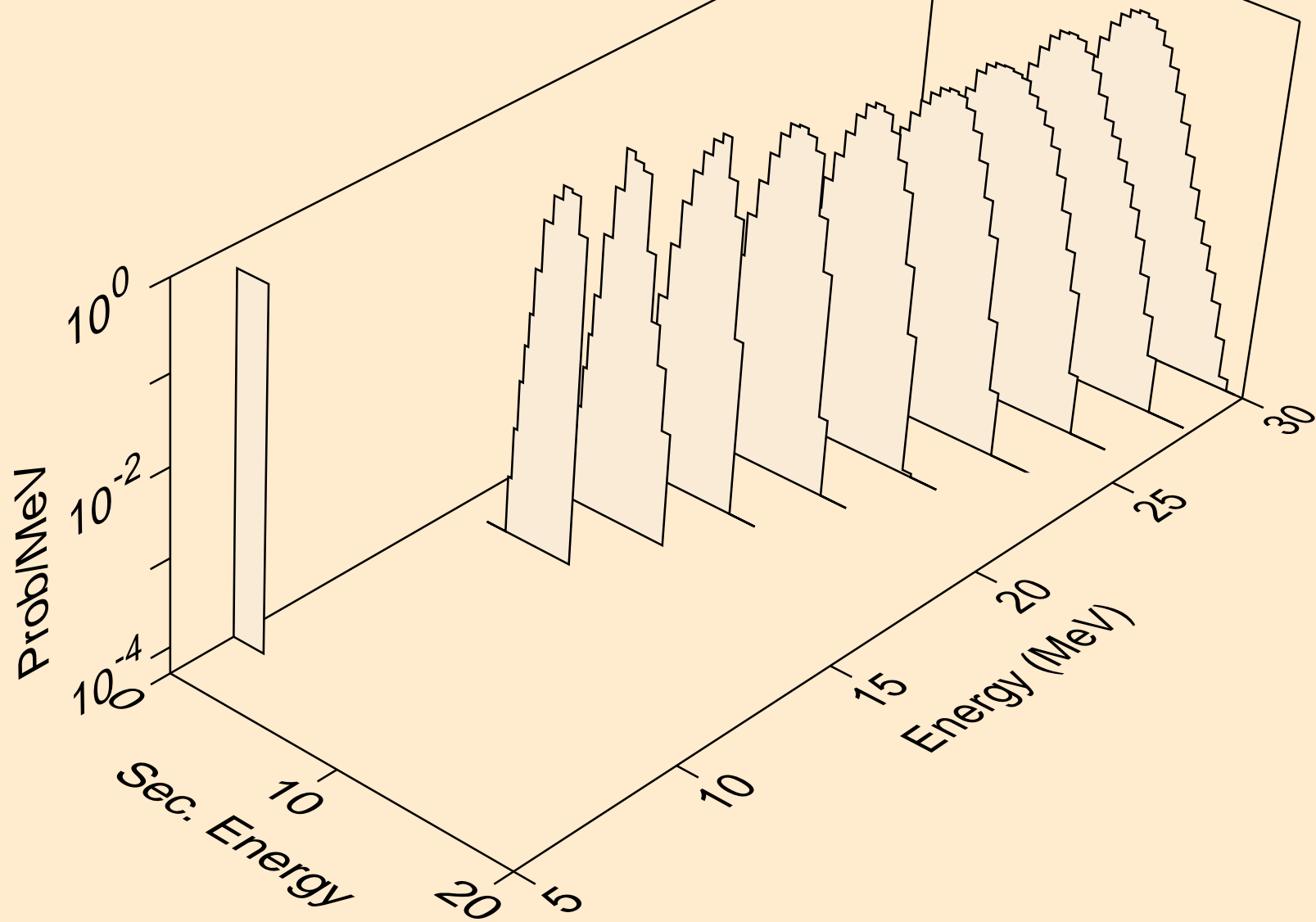
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d2a



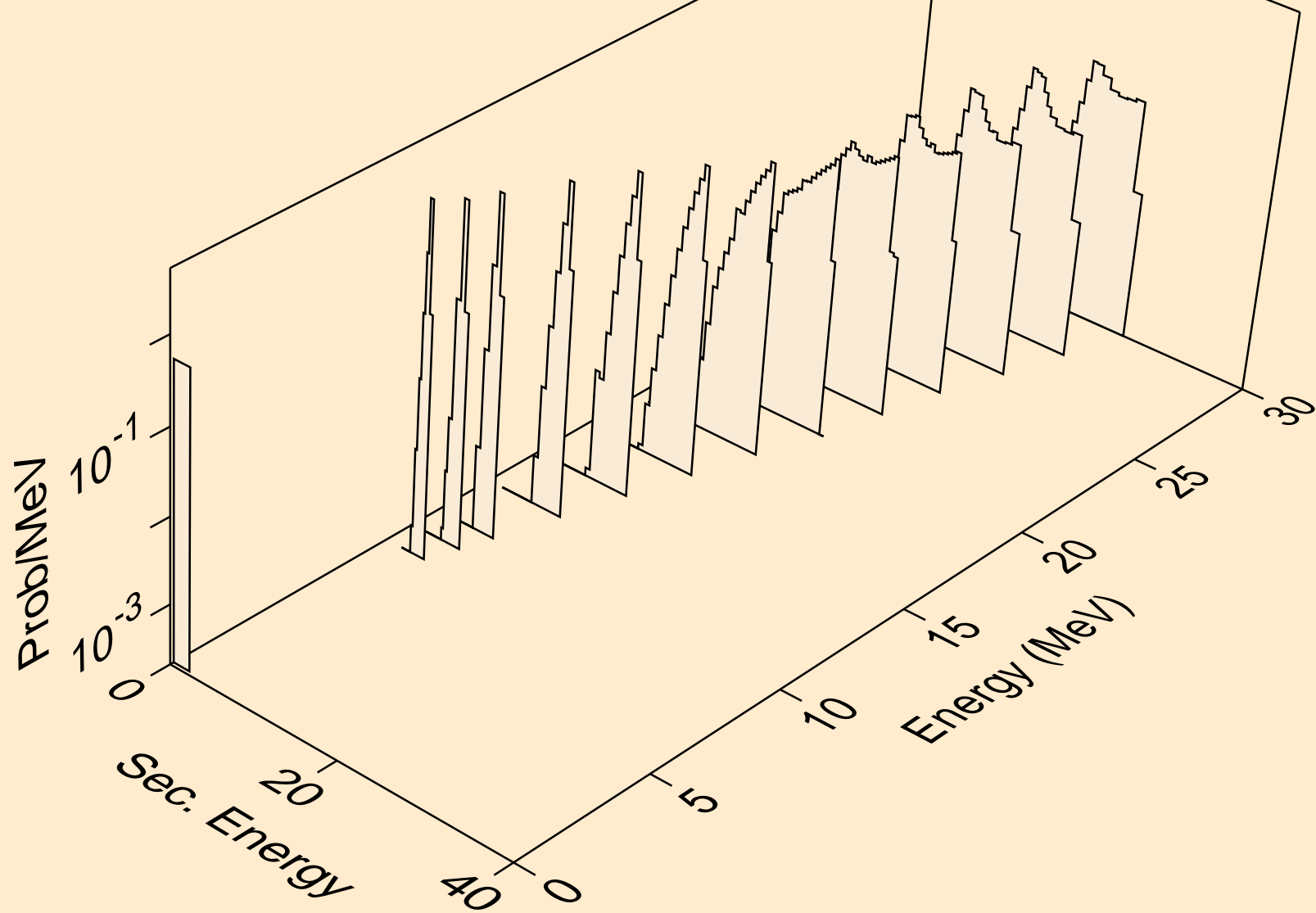
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



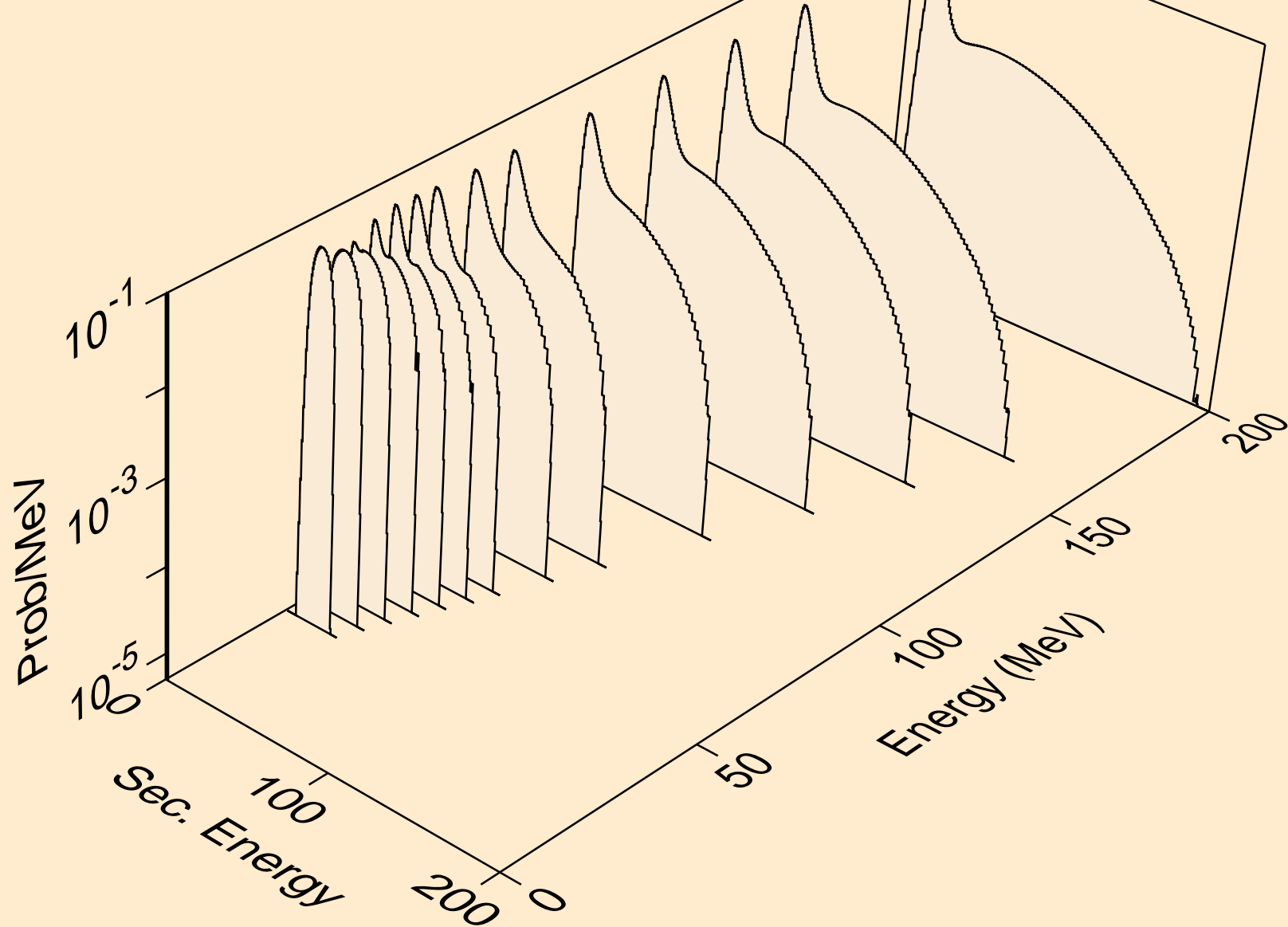
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

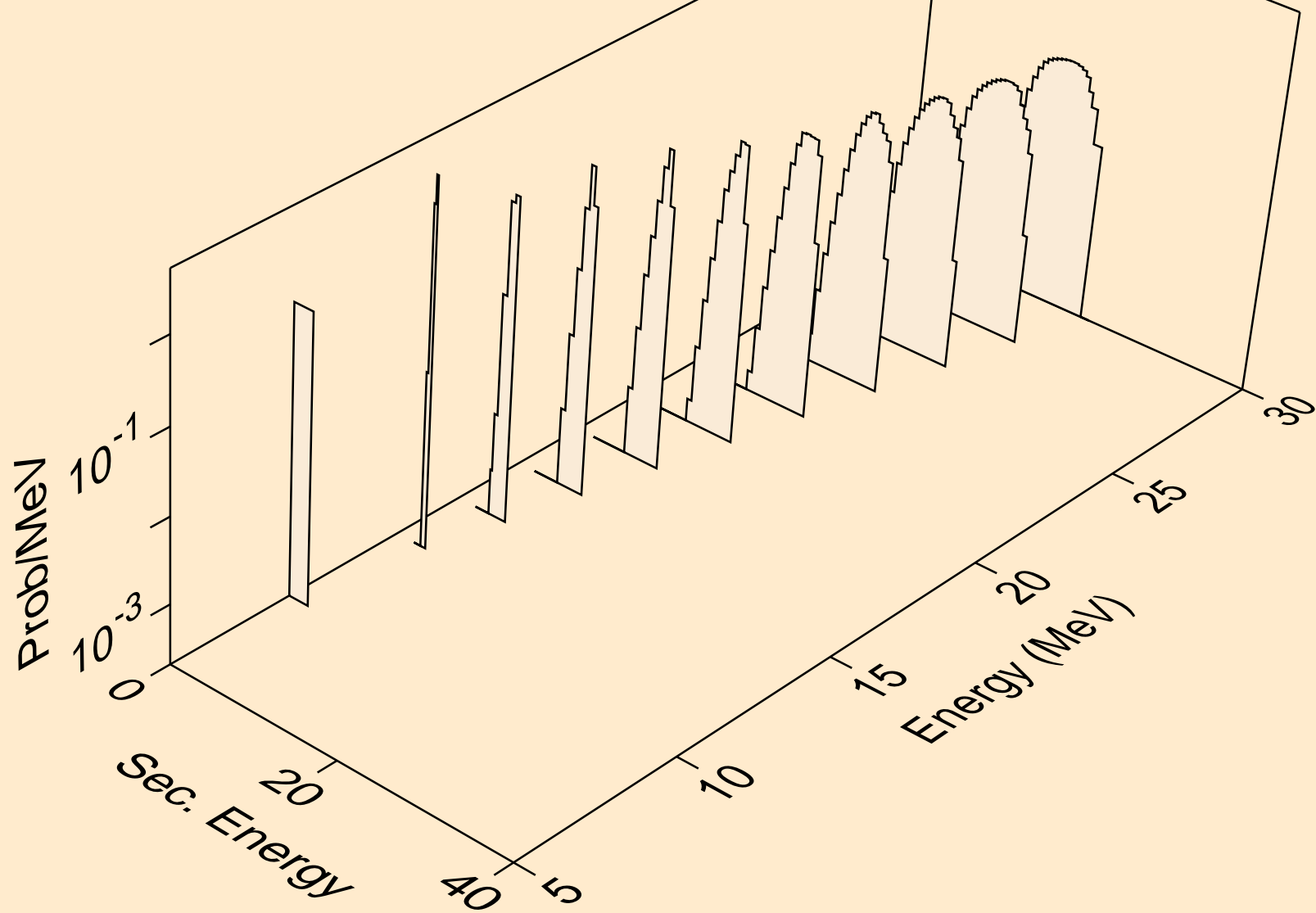


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

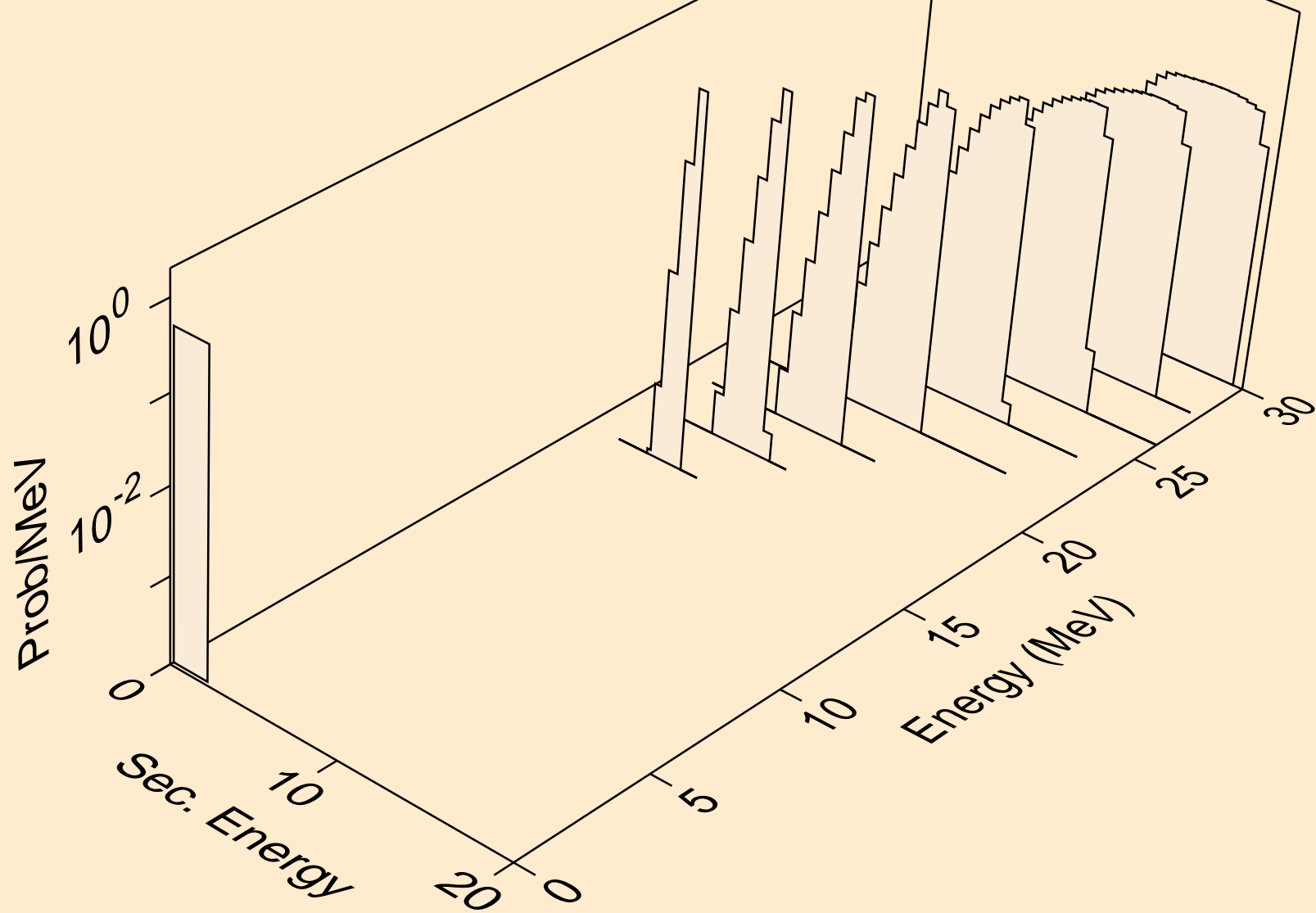




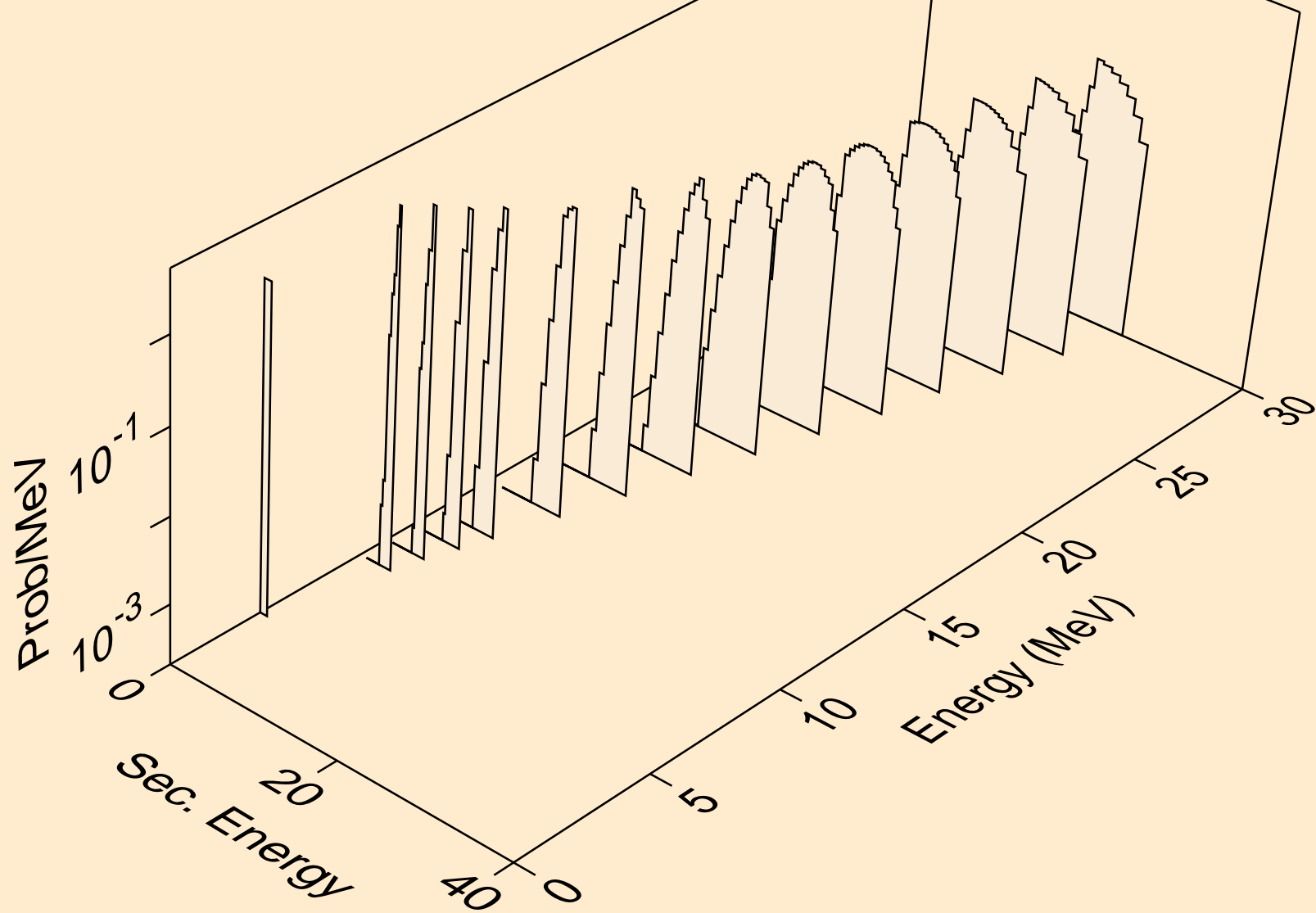
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



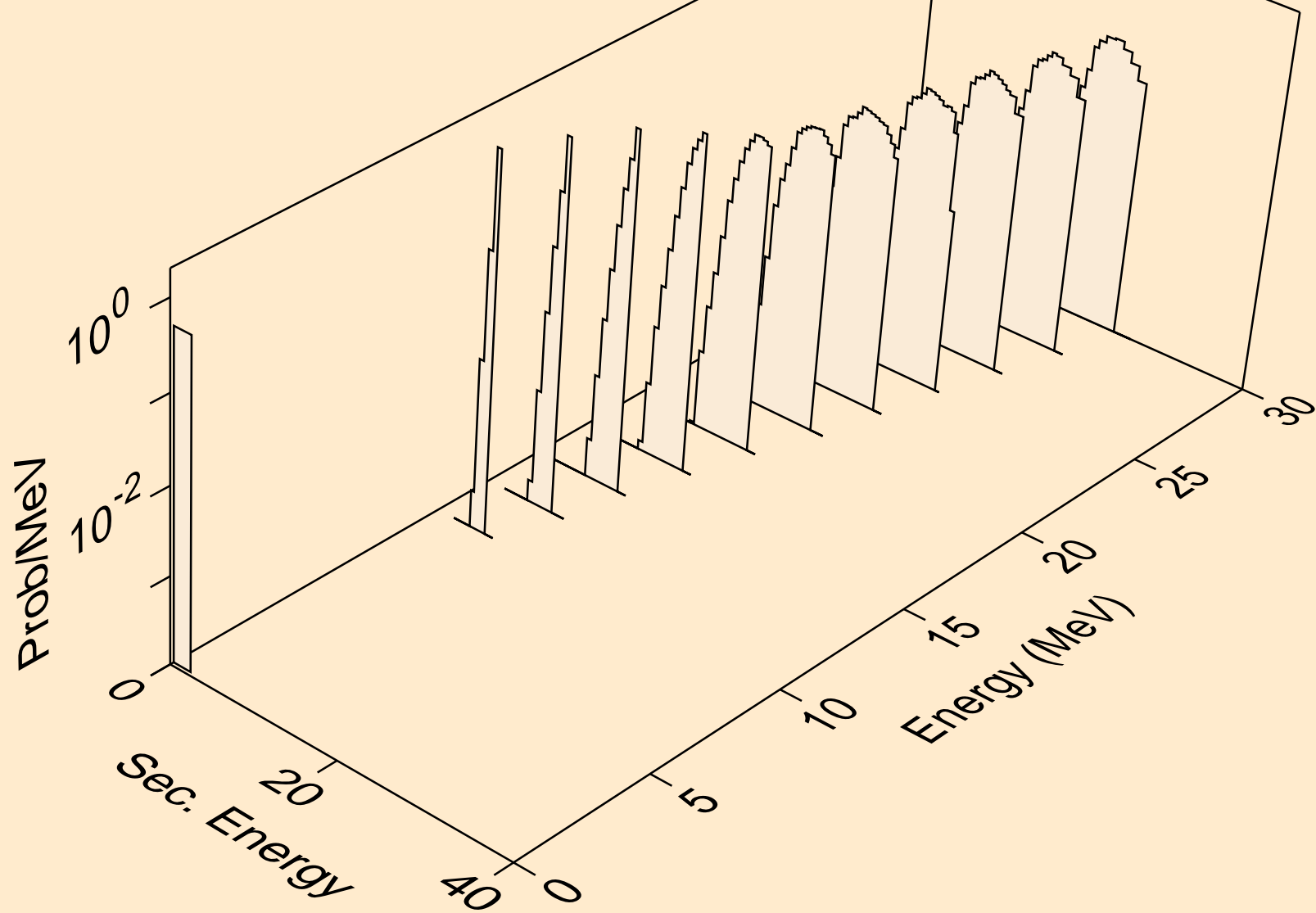
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t2a



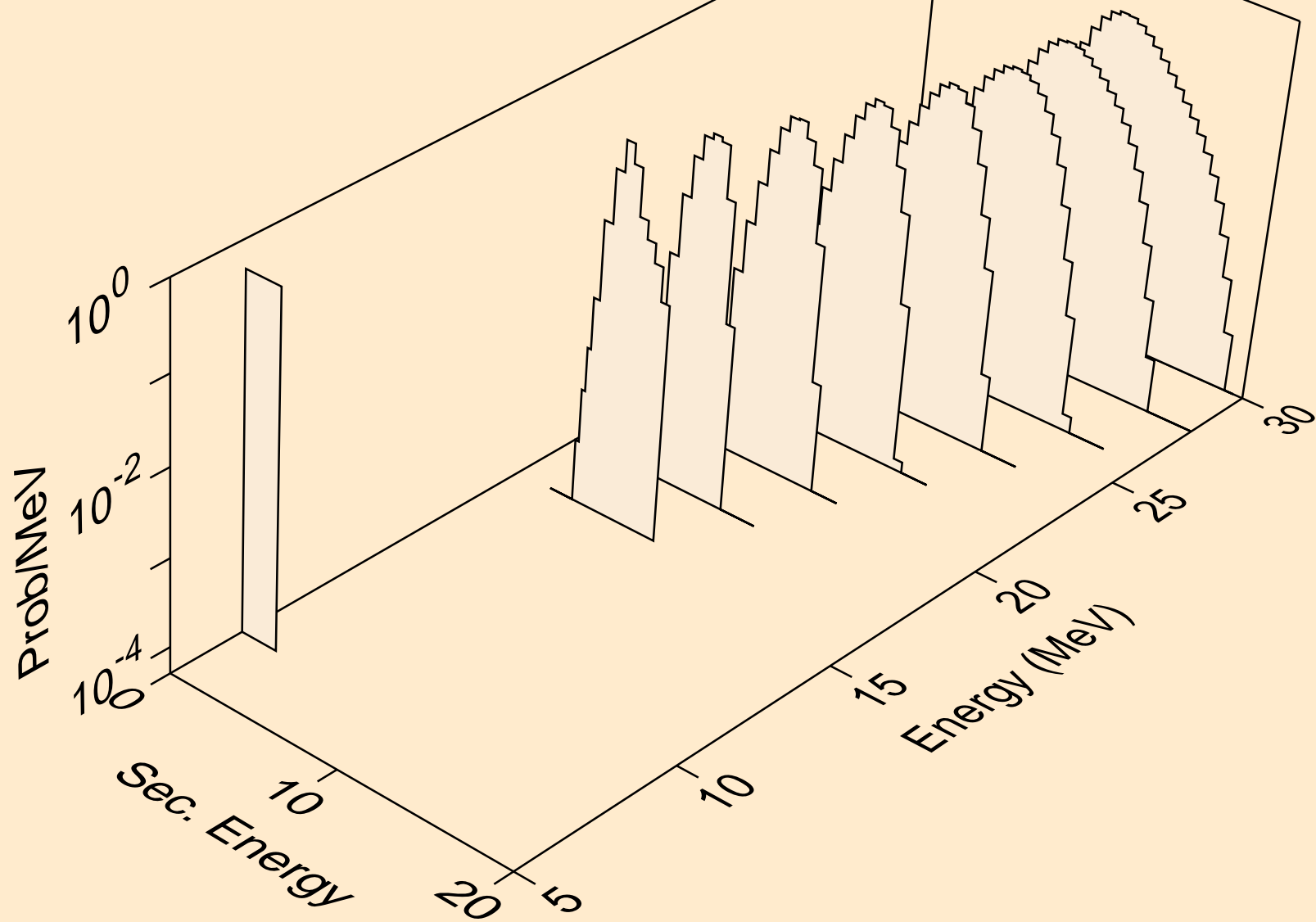
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



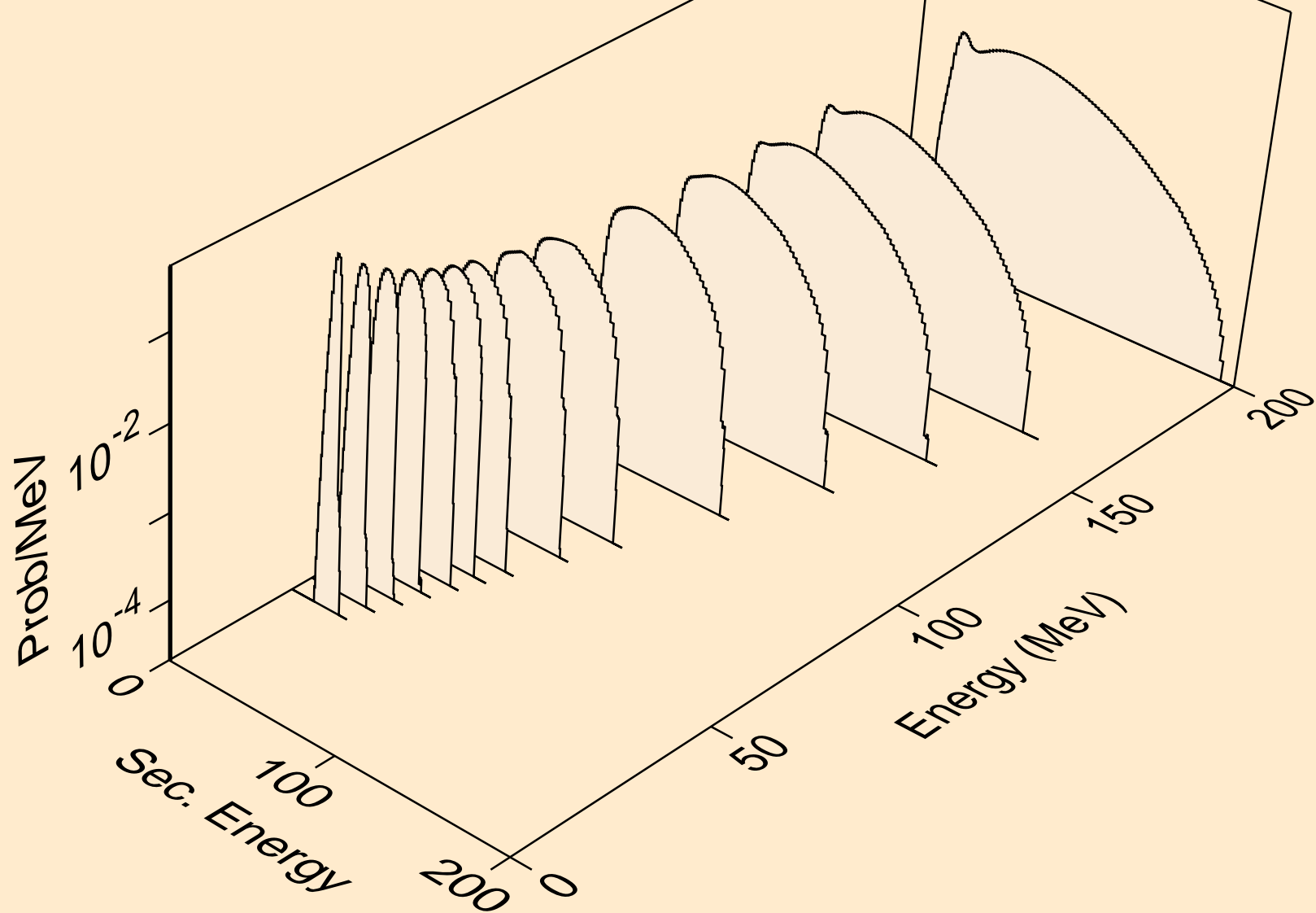
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t2a)



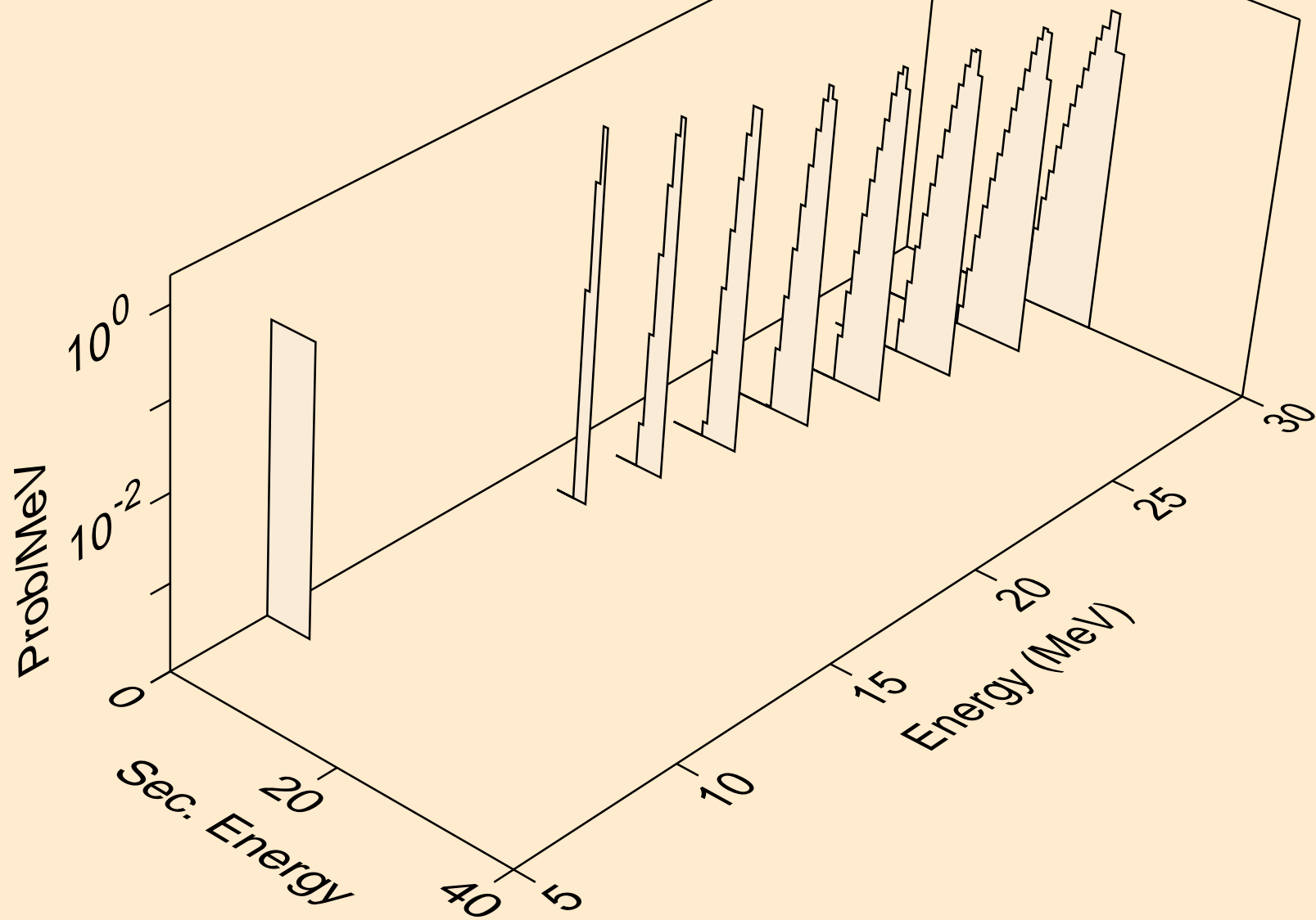
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



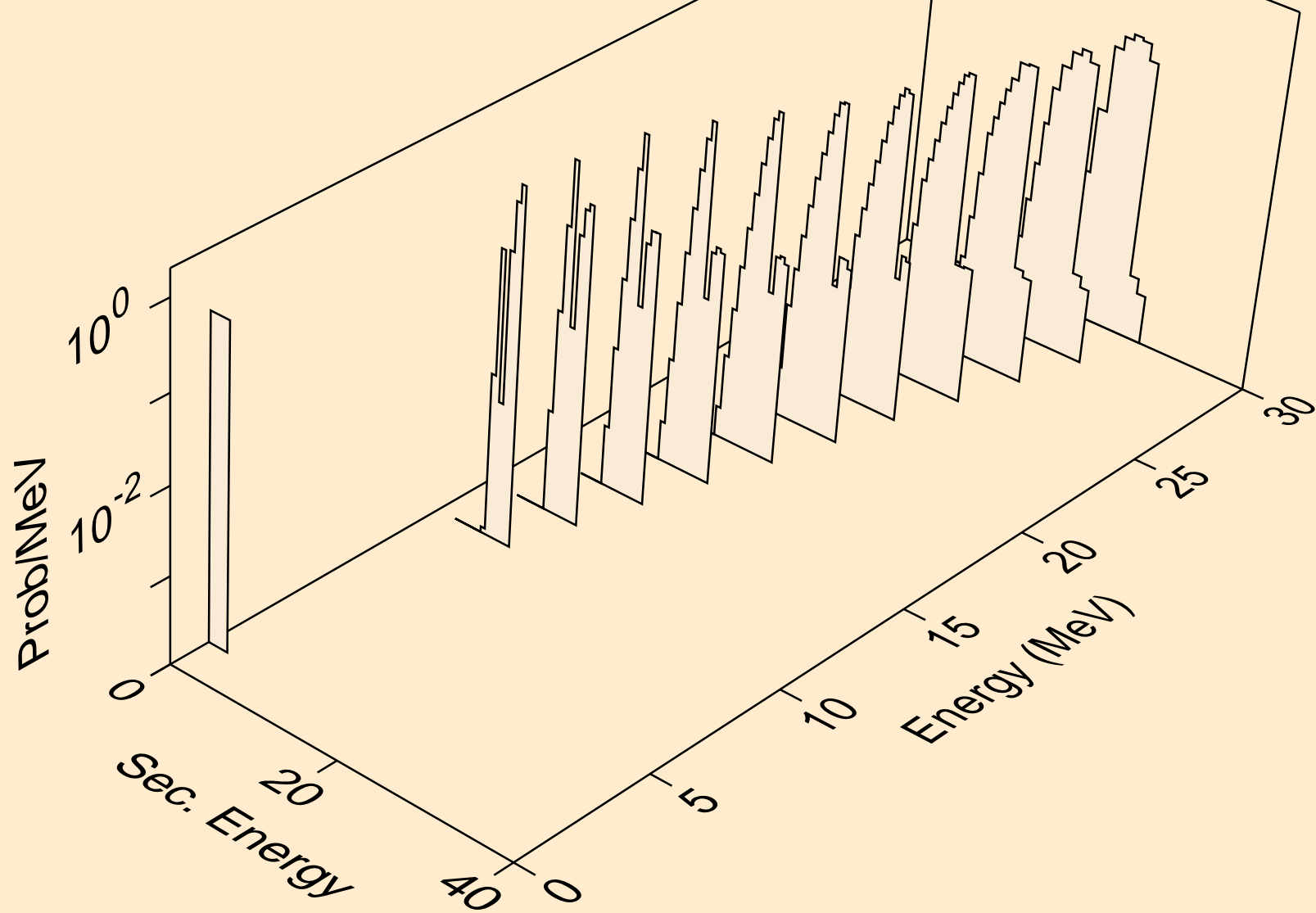
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

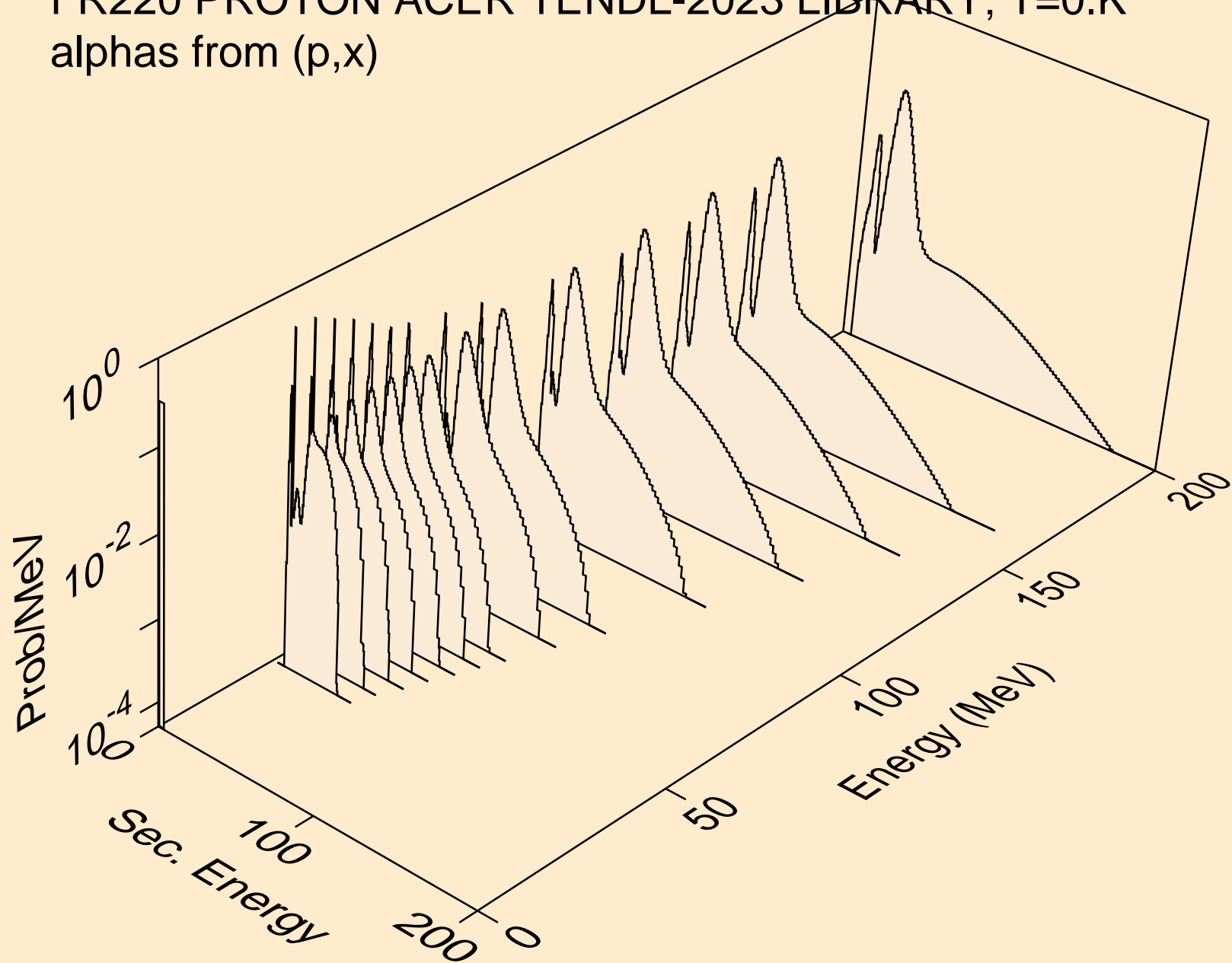


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

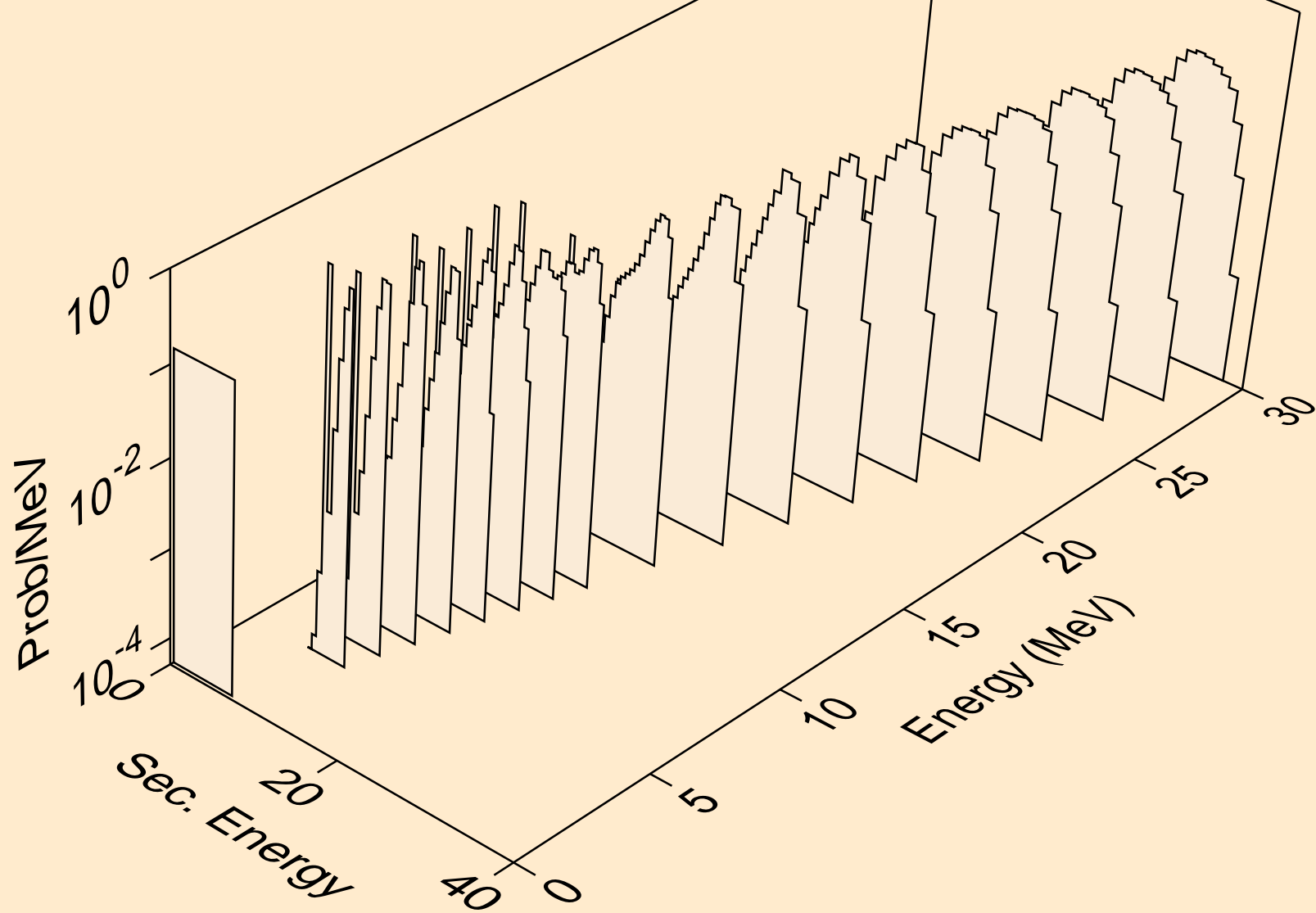




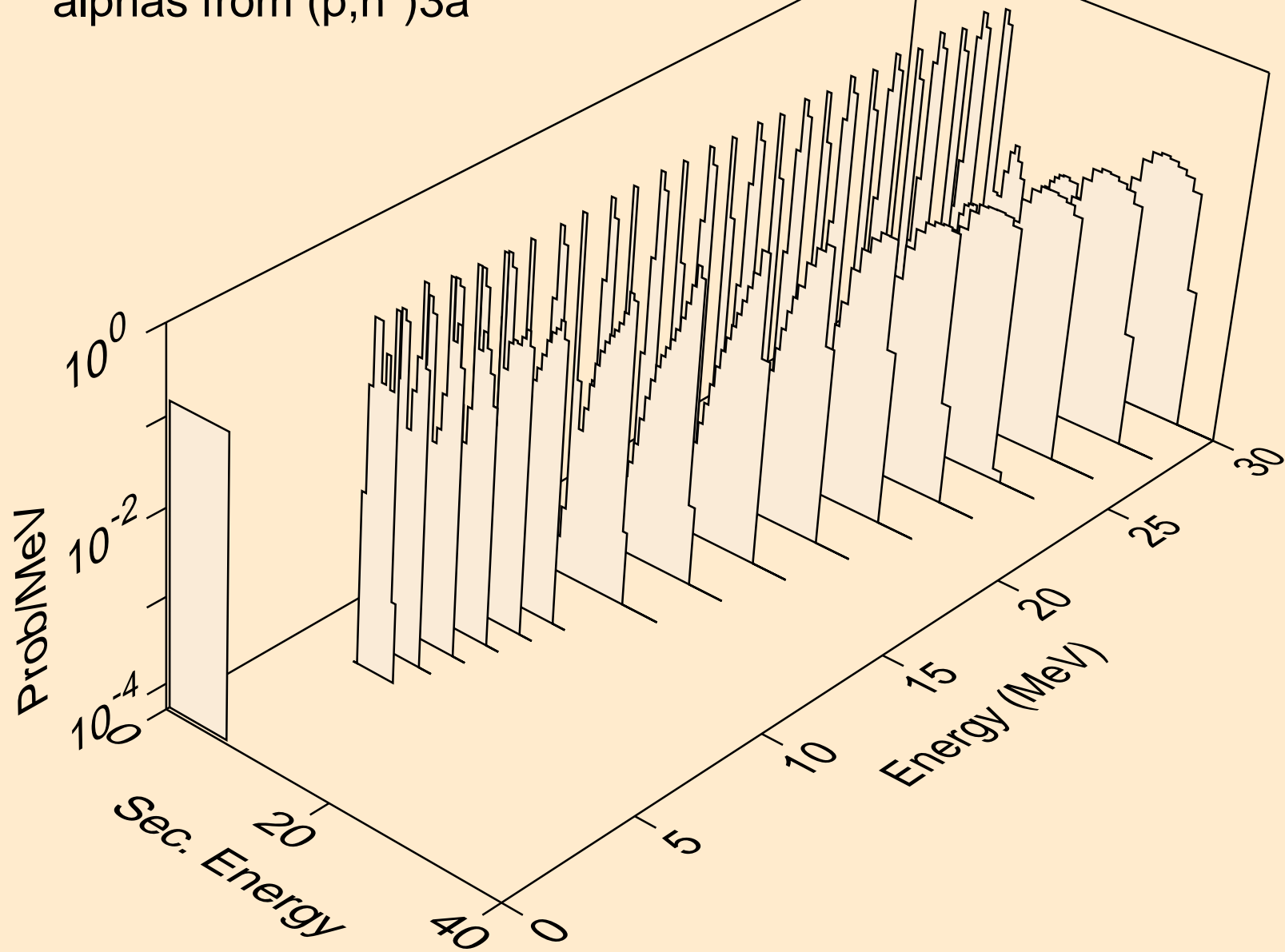
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



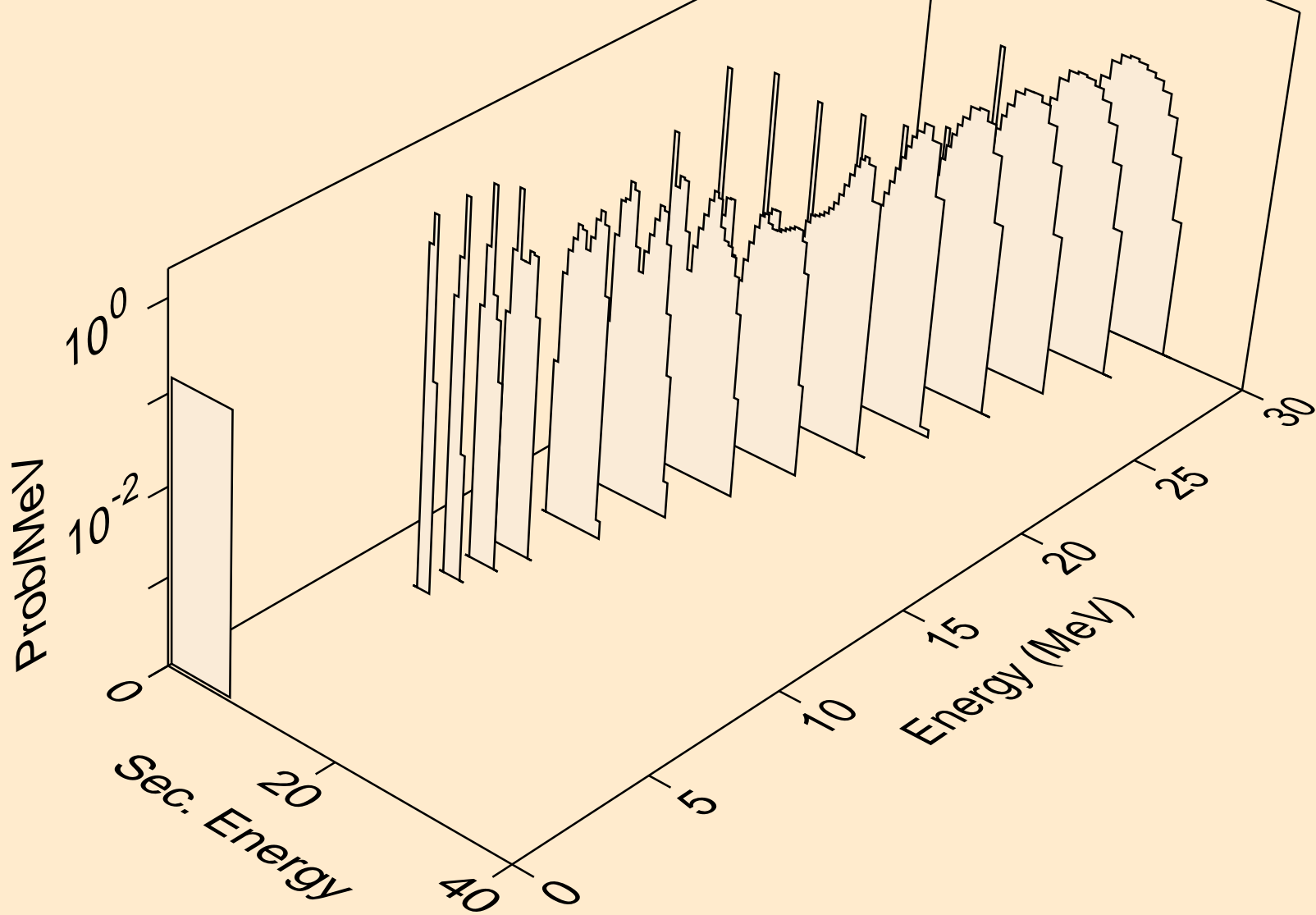
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



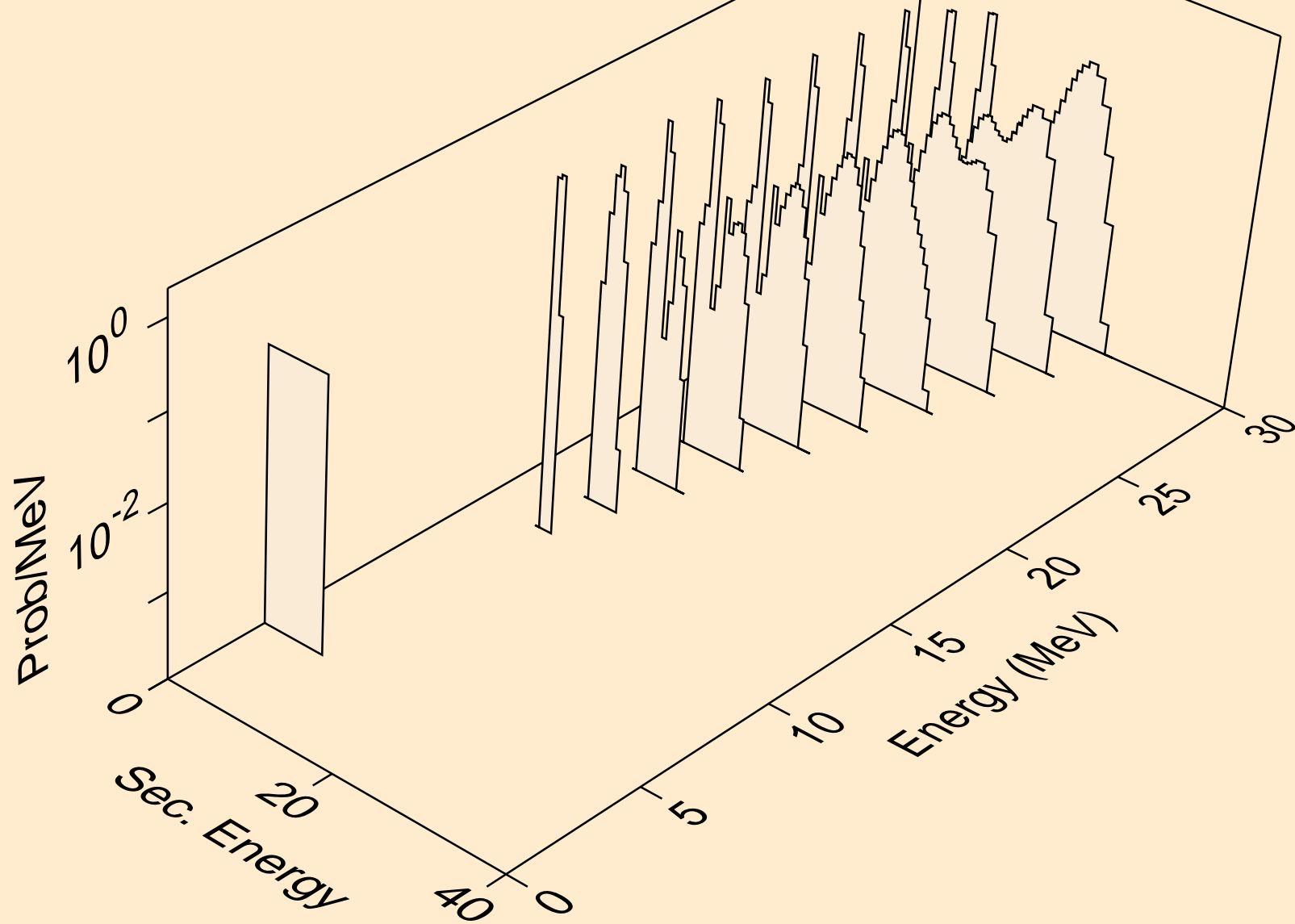
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)3a



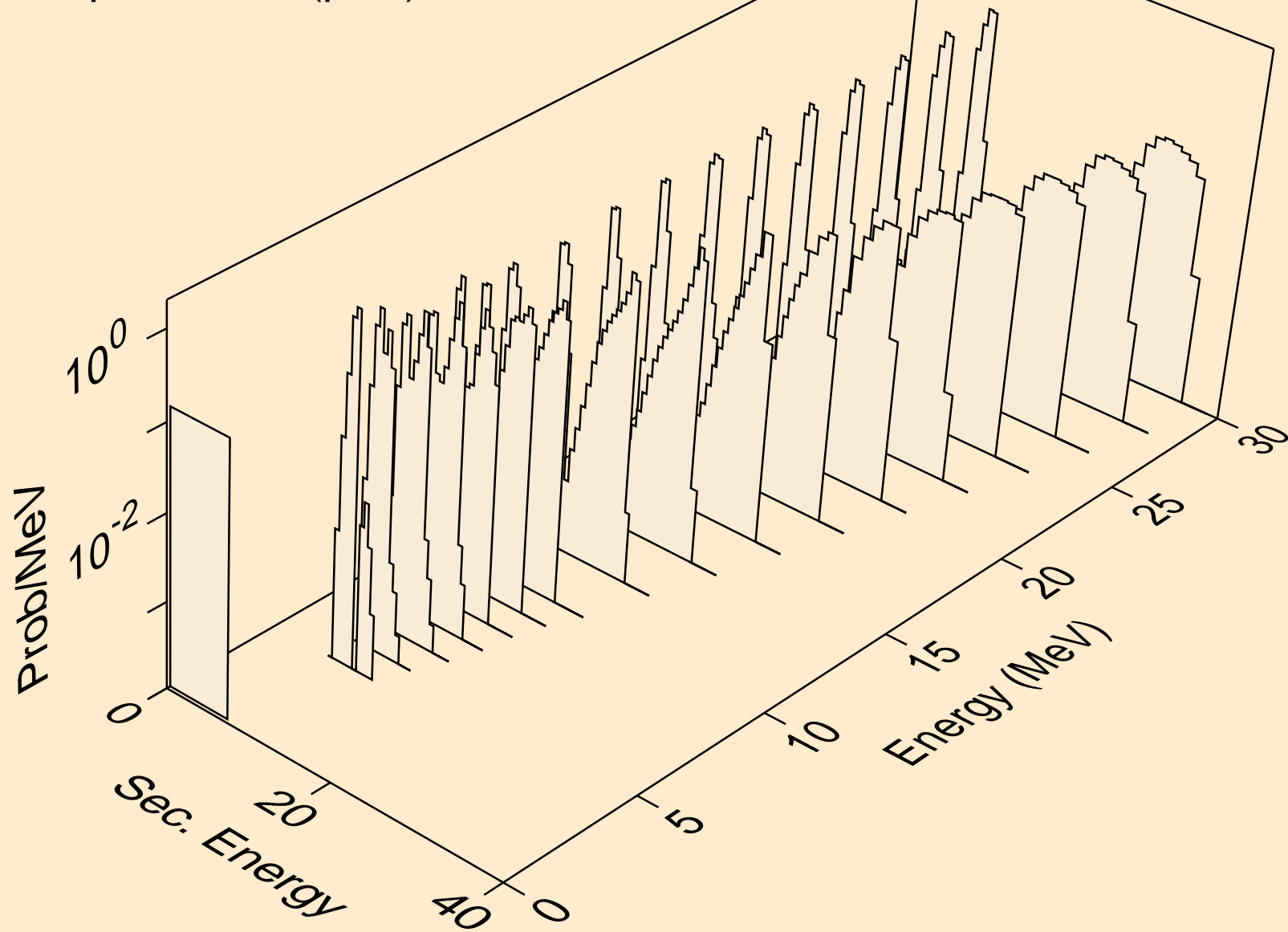
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



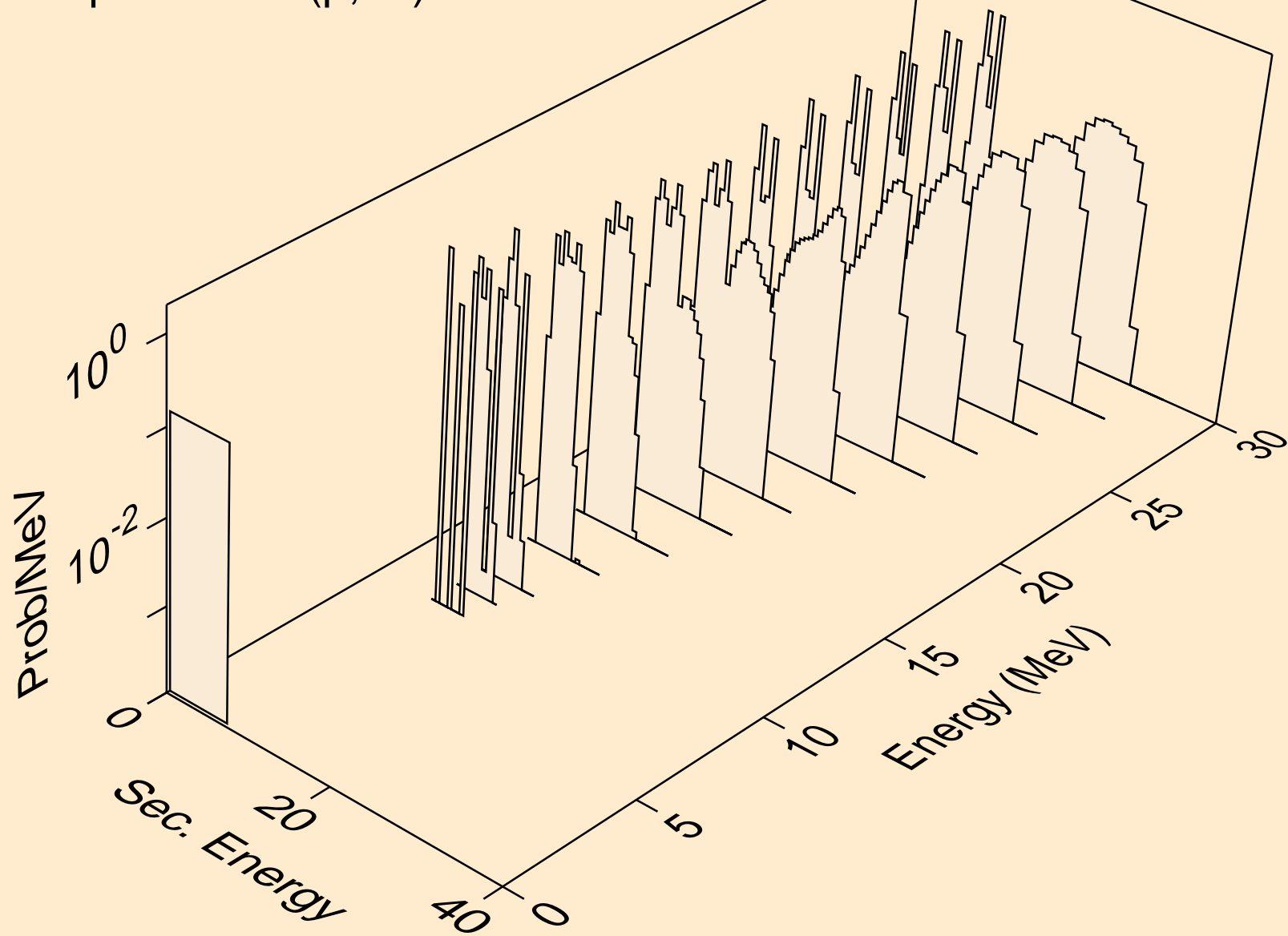
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



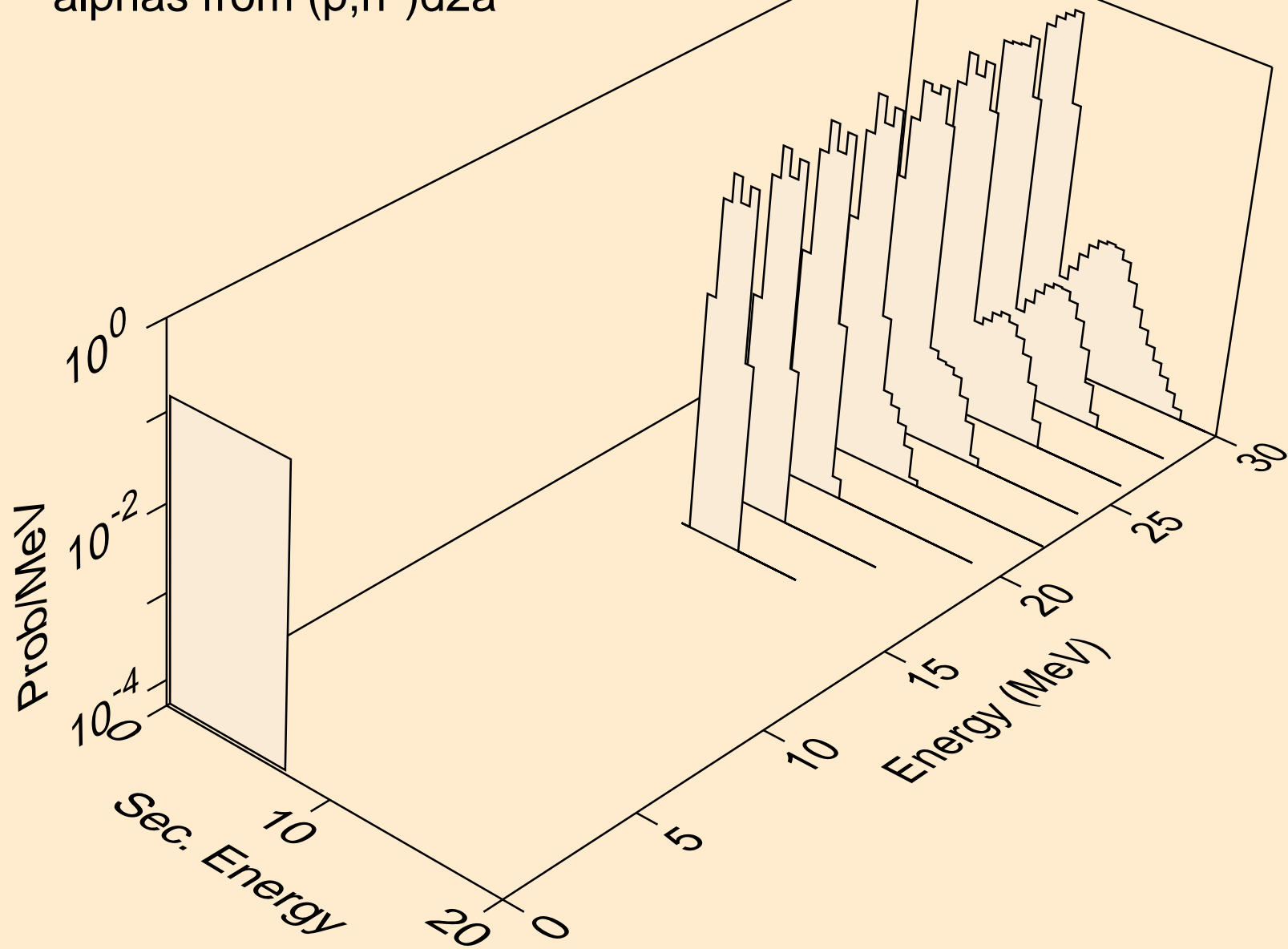
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a

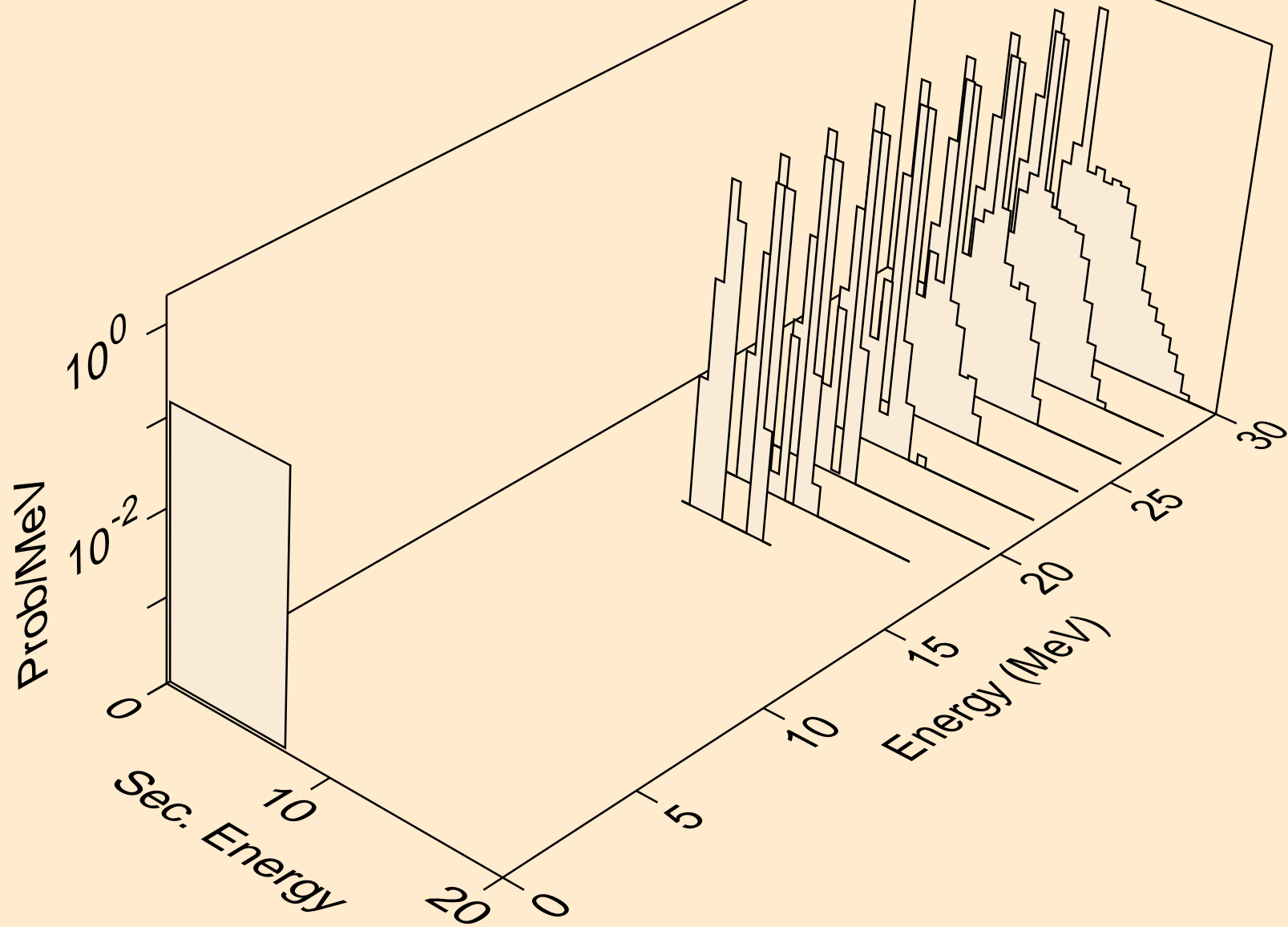


FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)d2a

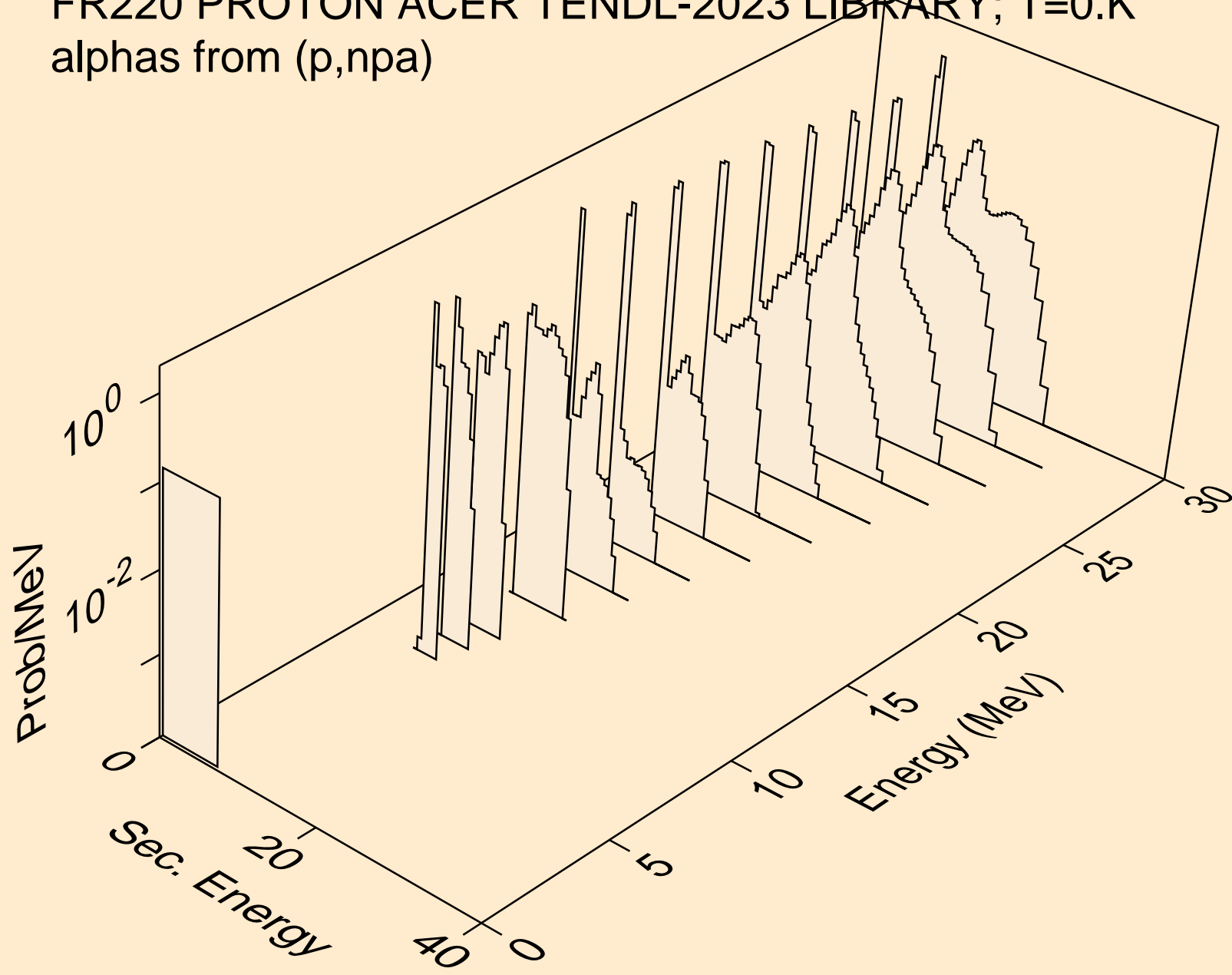




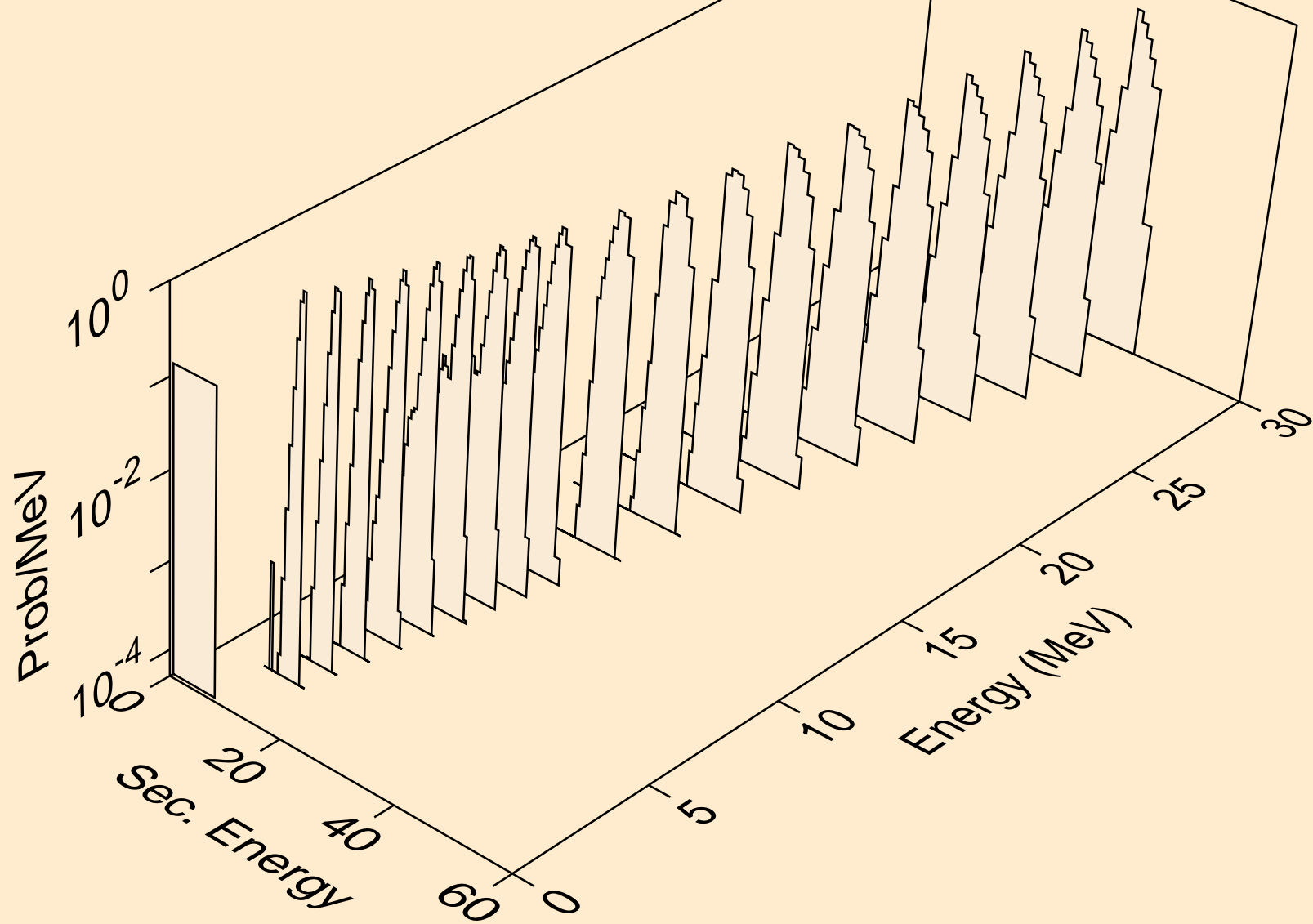
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)t2a



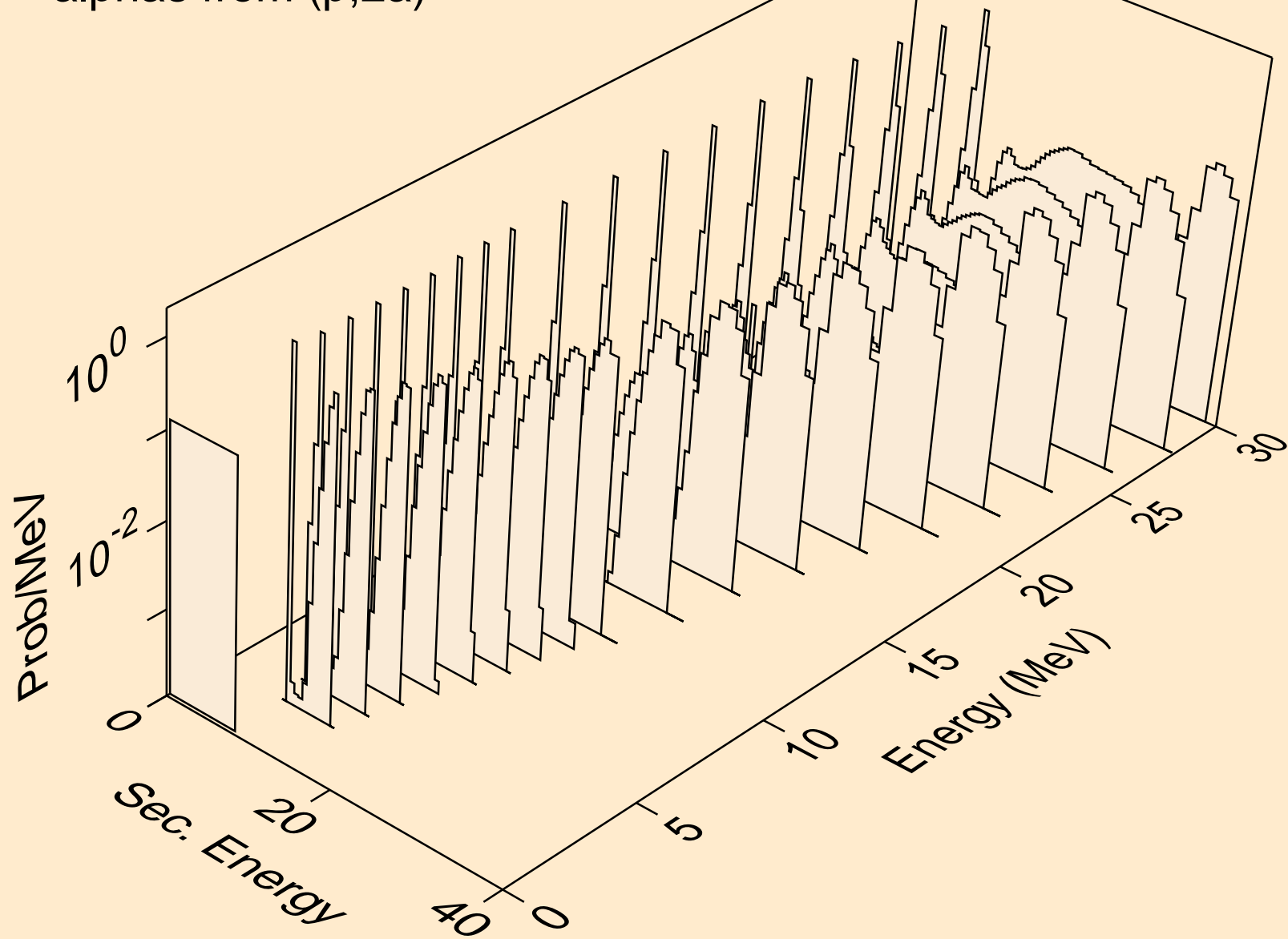
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



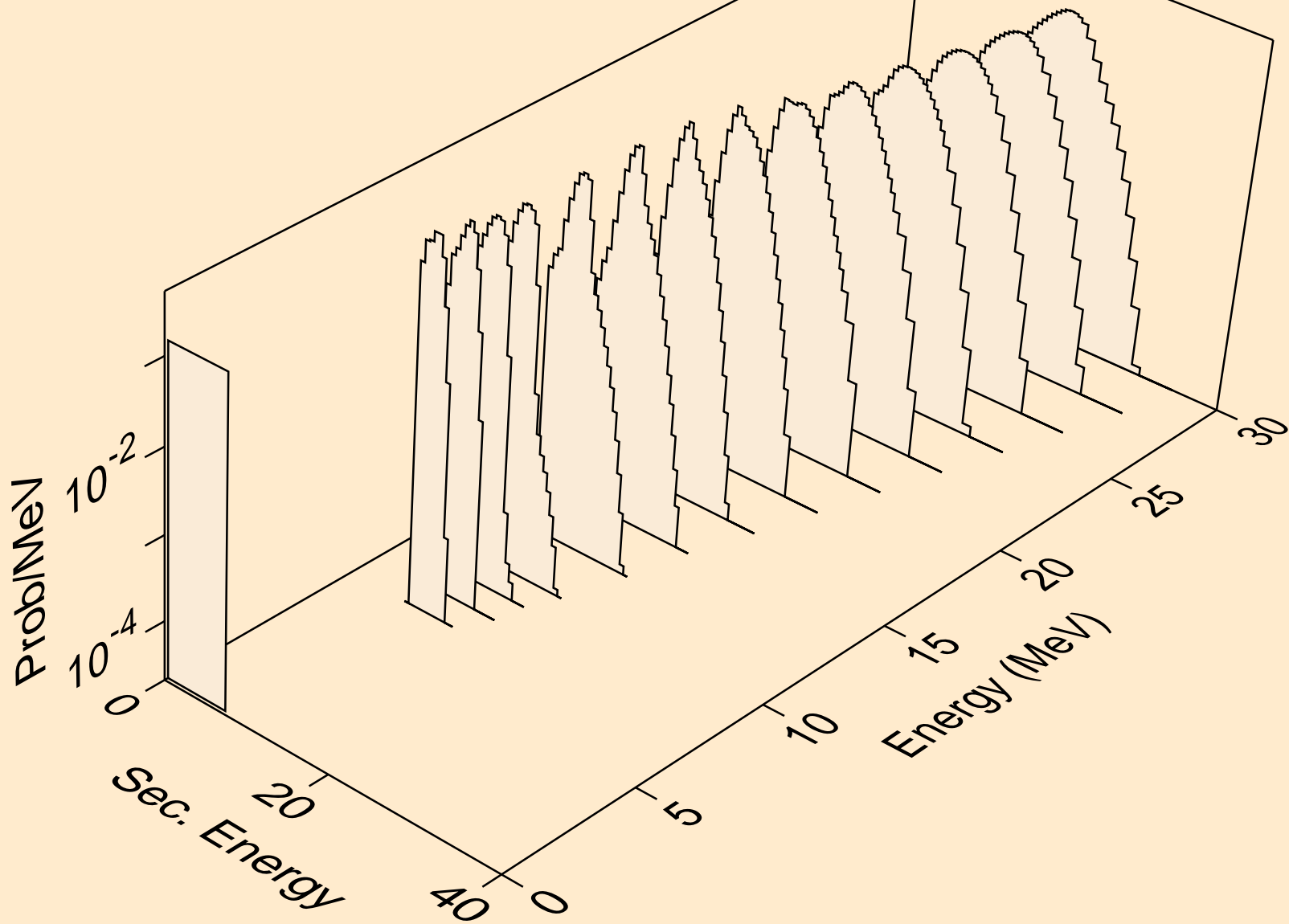
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



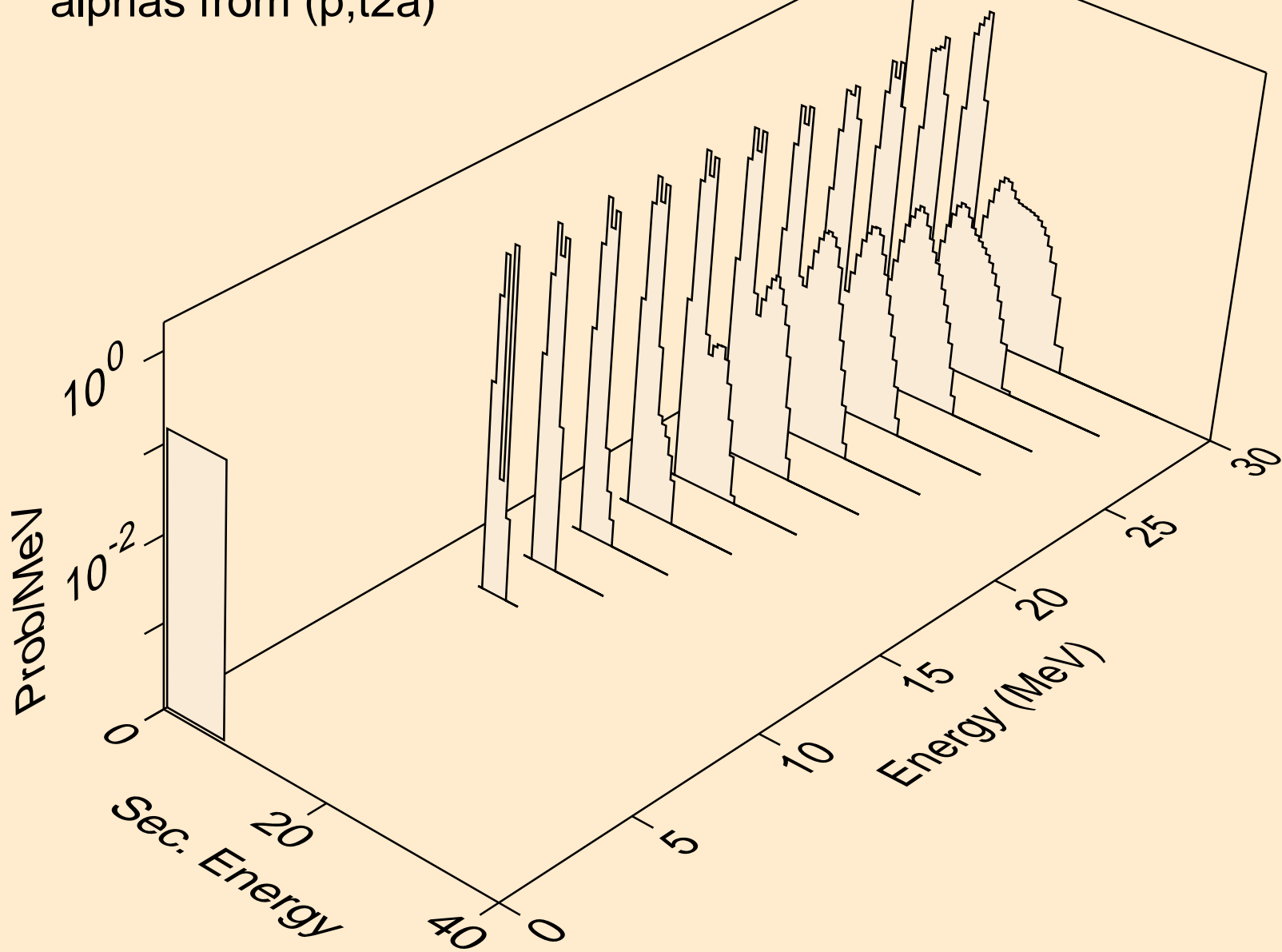
FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,t2a)



FR220 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

