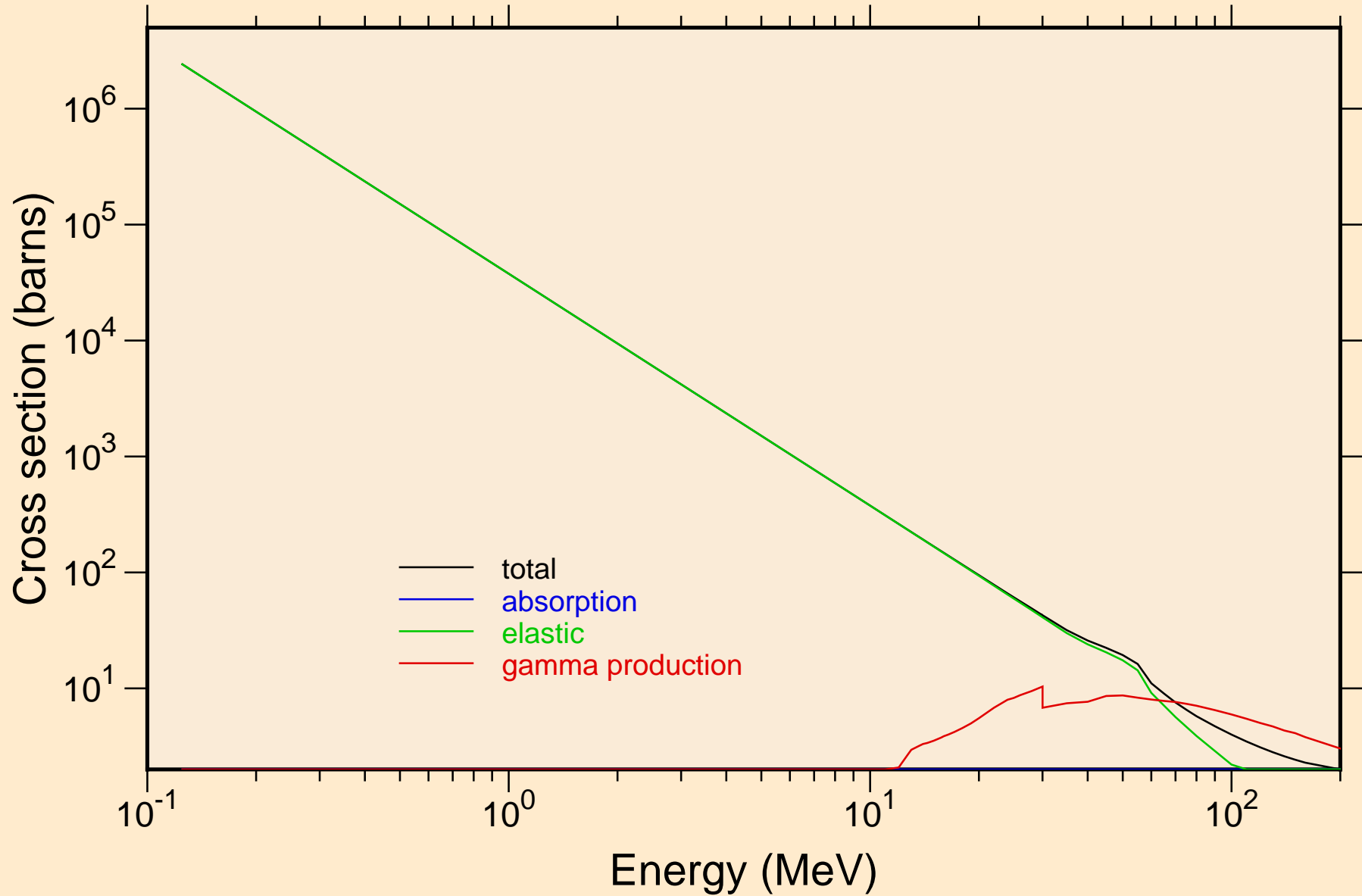
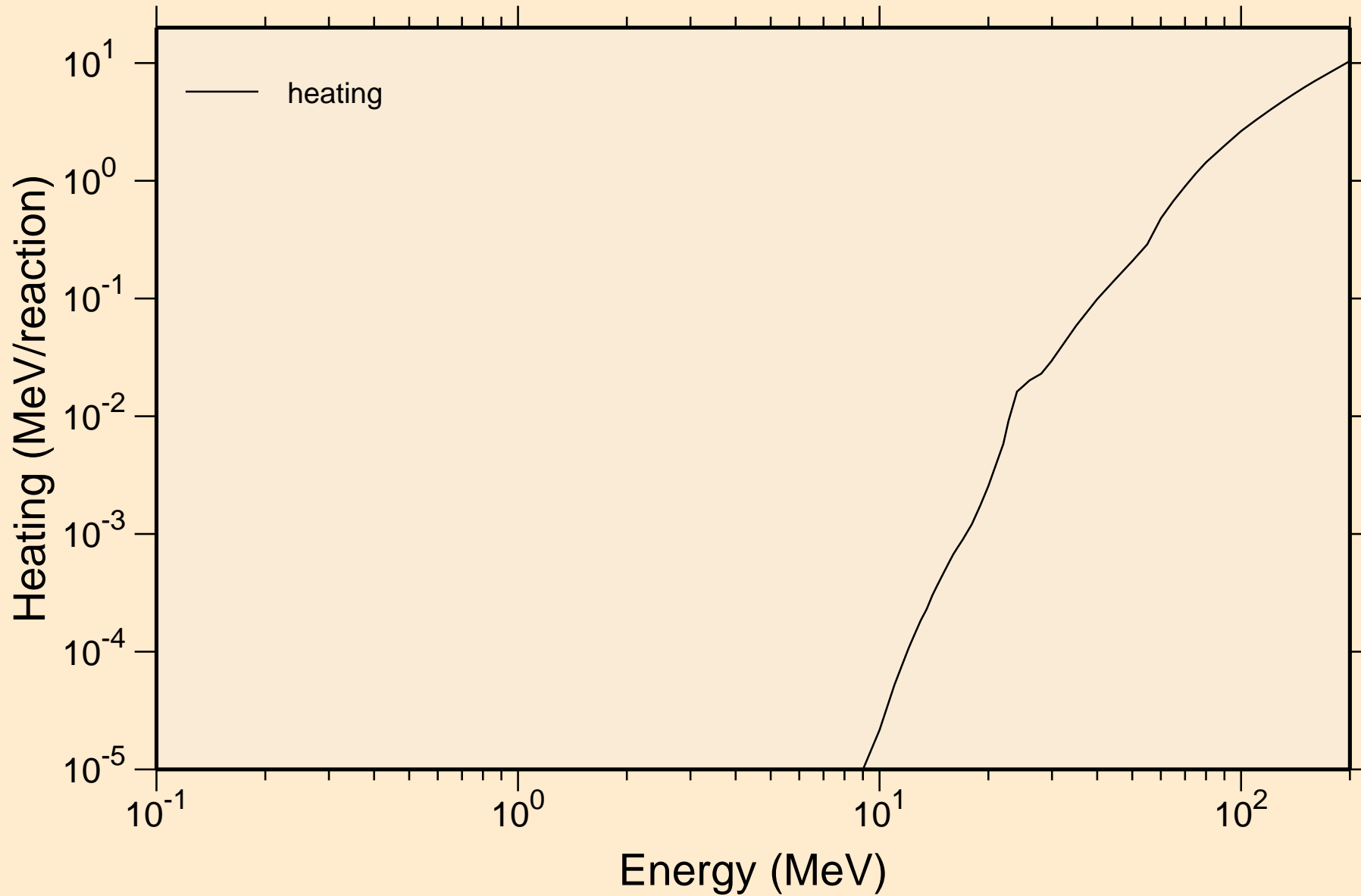


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



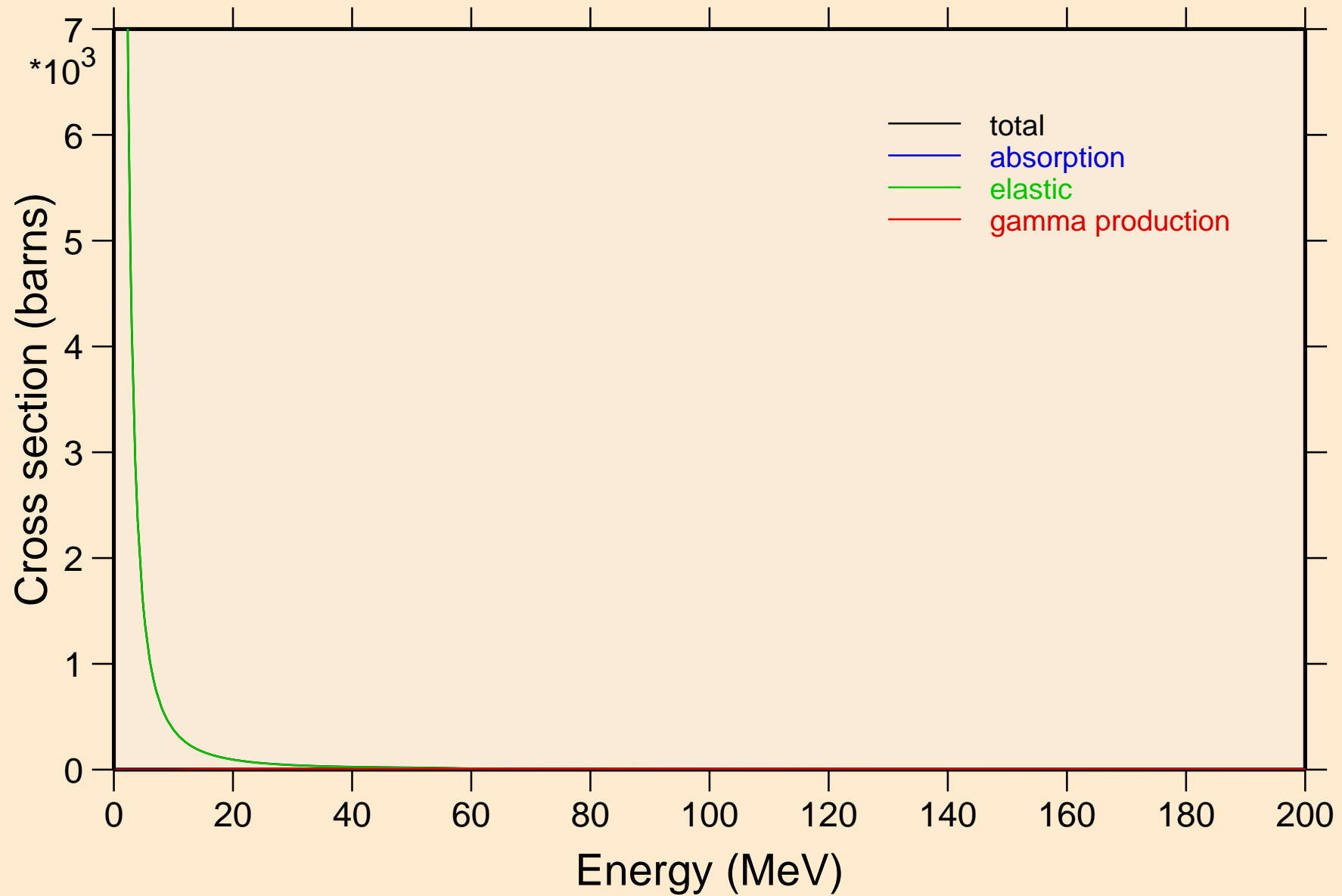
# PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



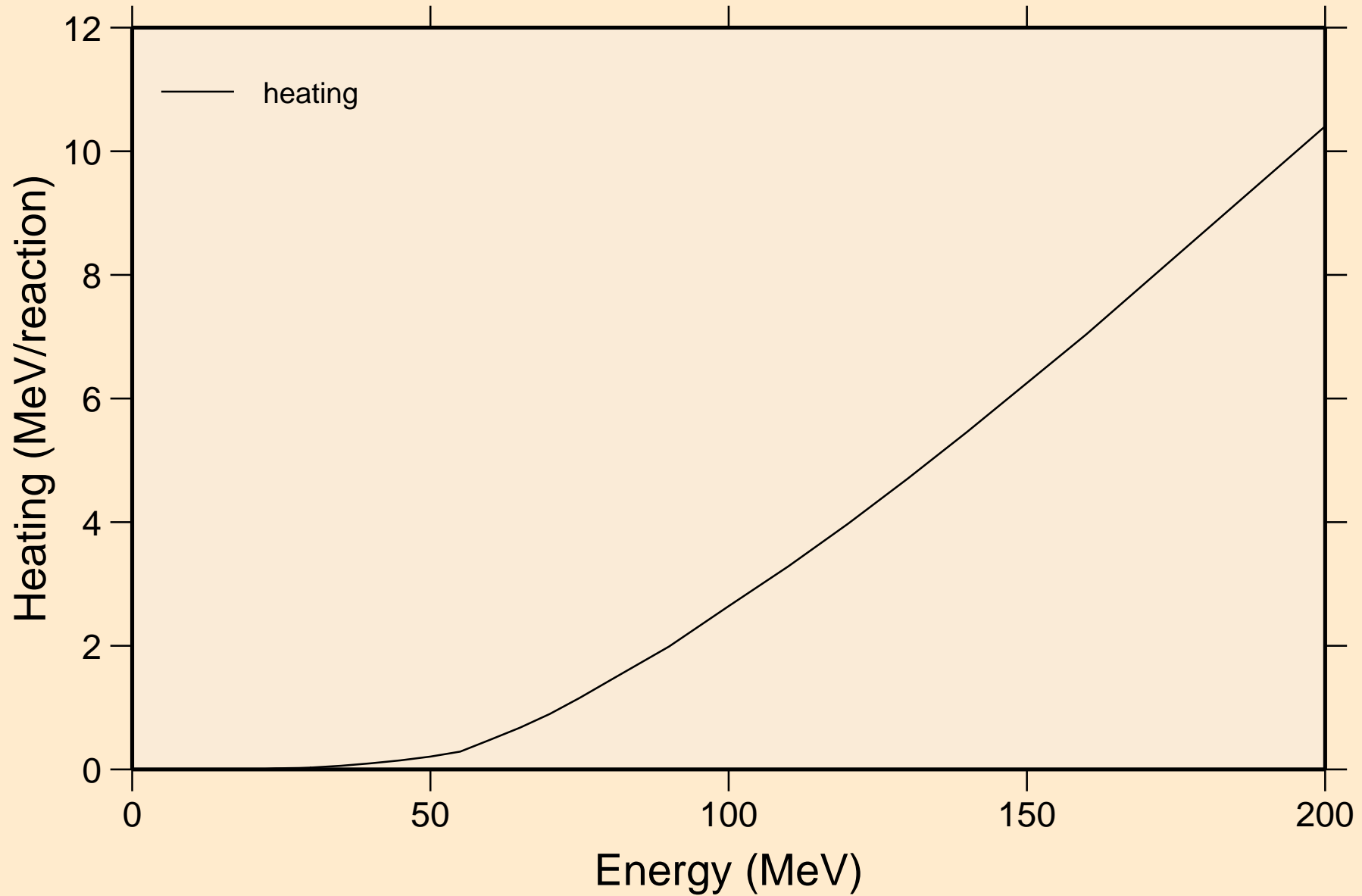
# PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



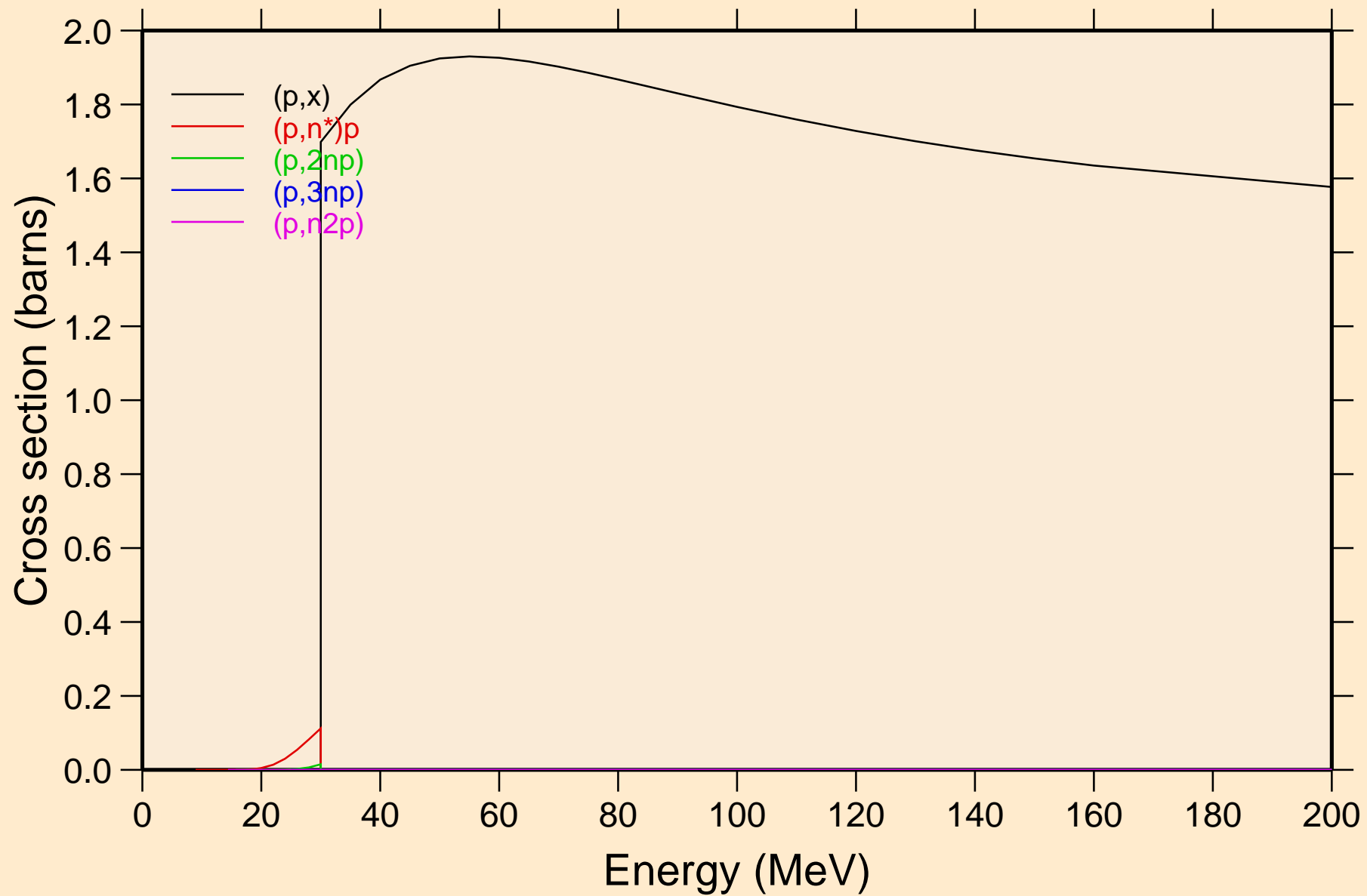
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

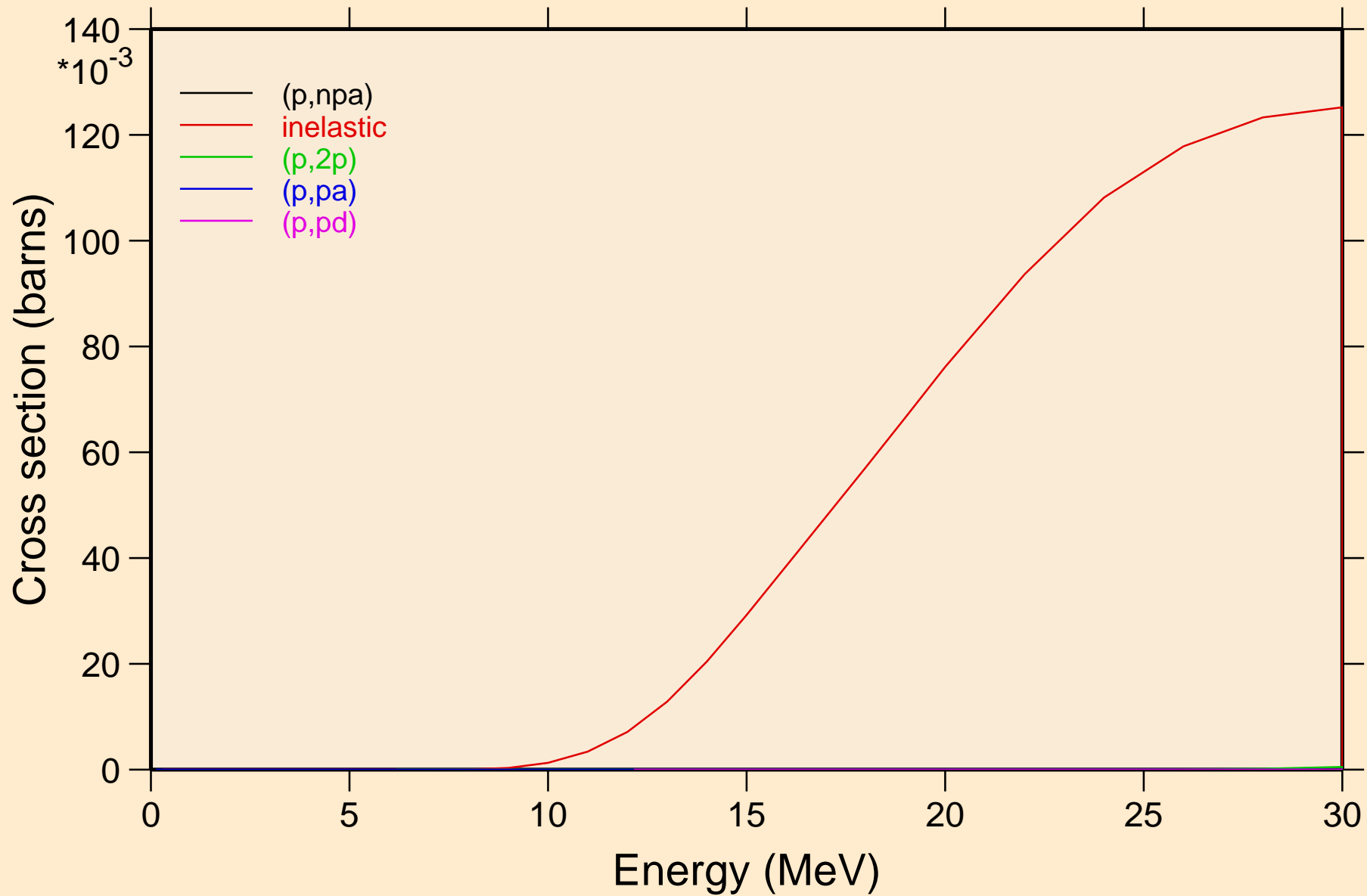


# PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K

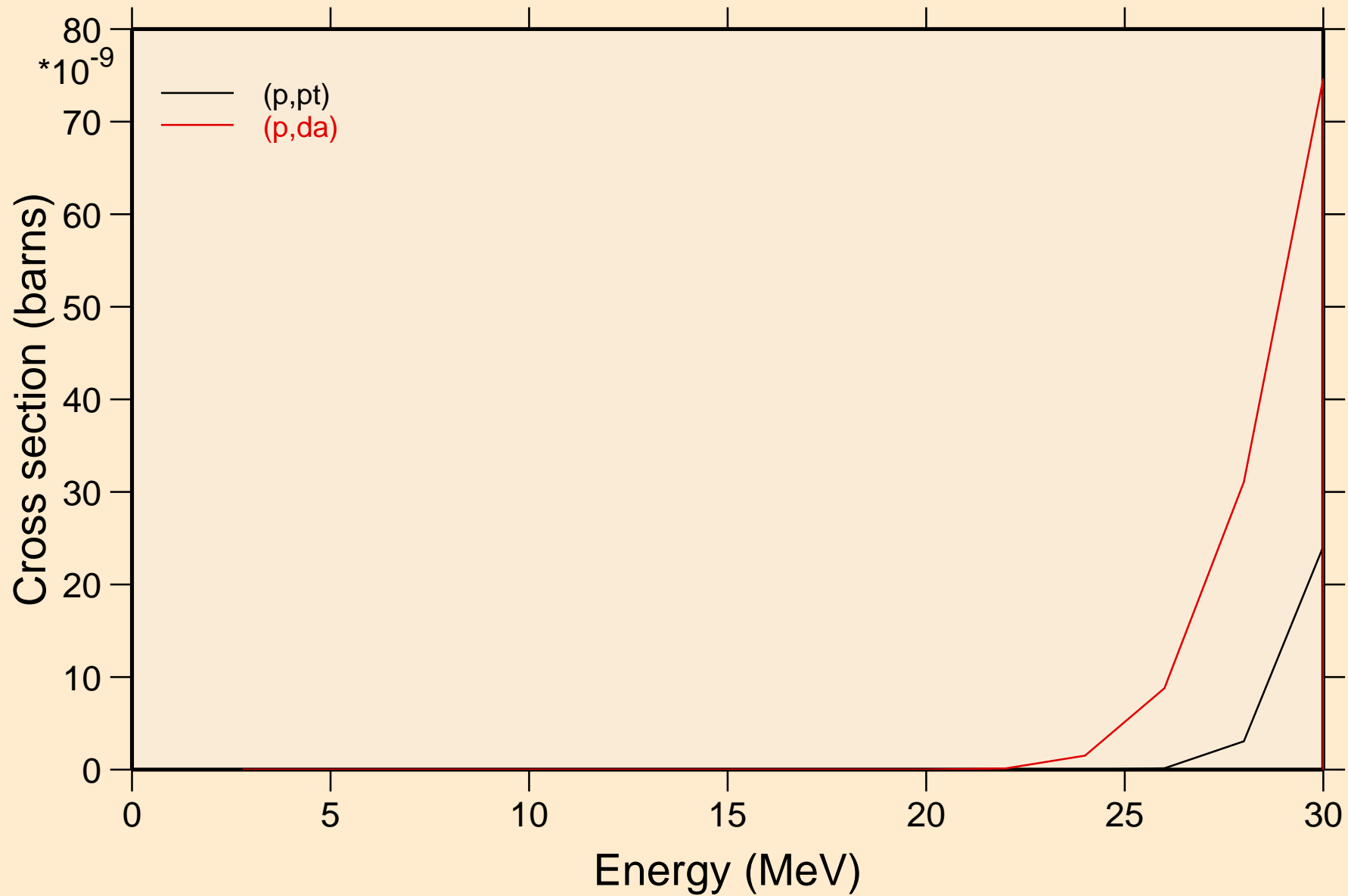
## Threshold reactions



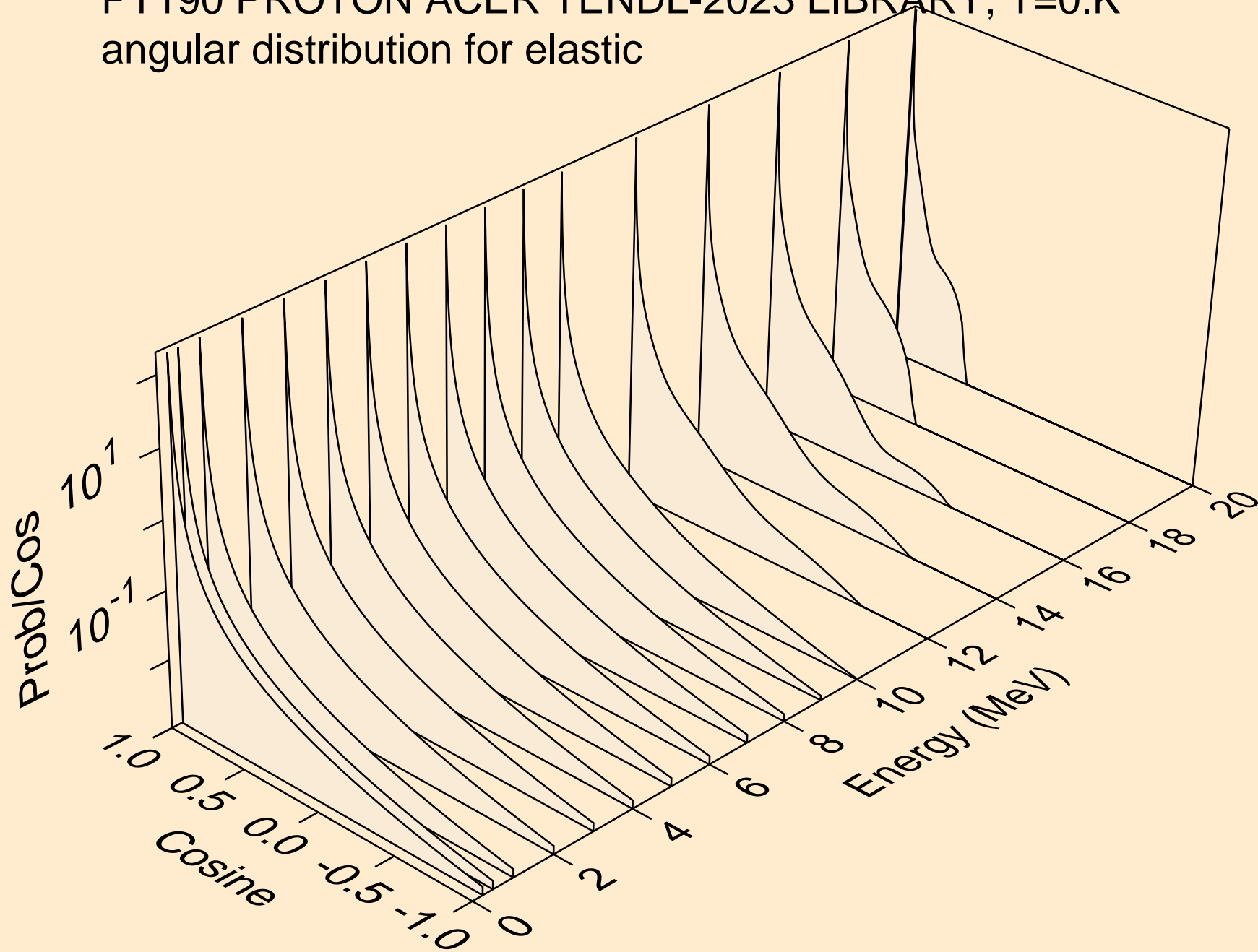
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

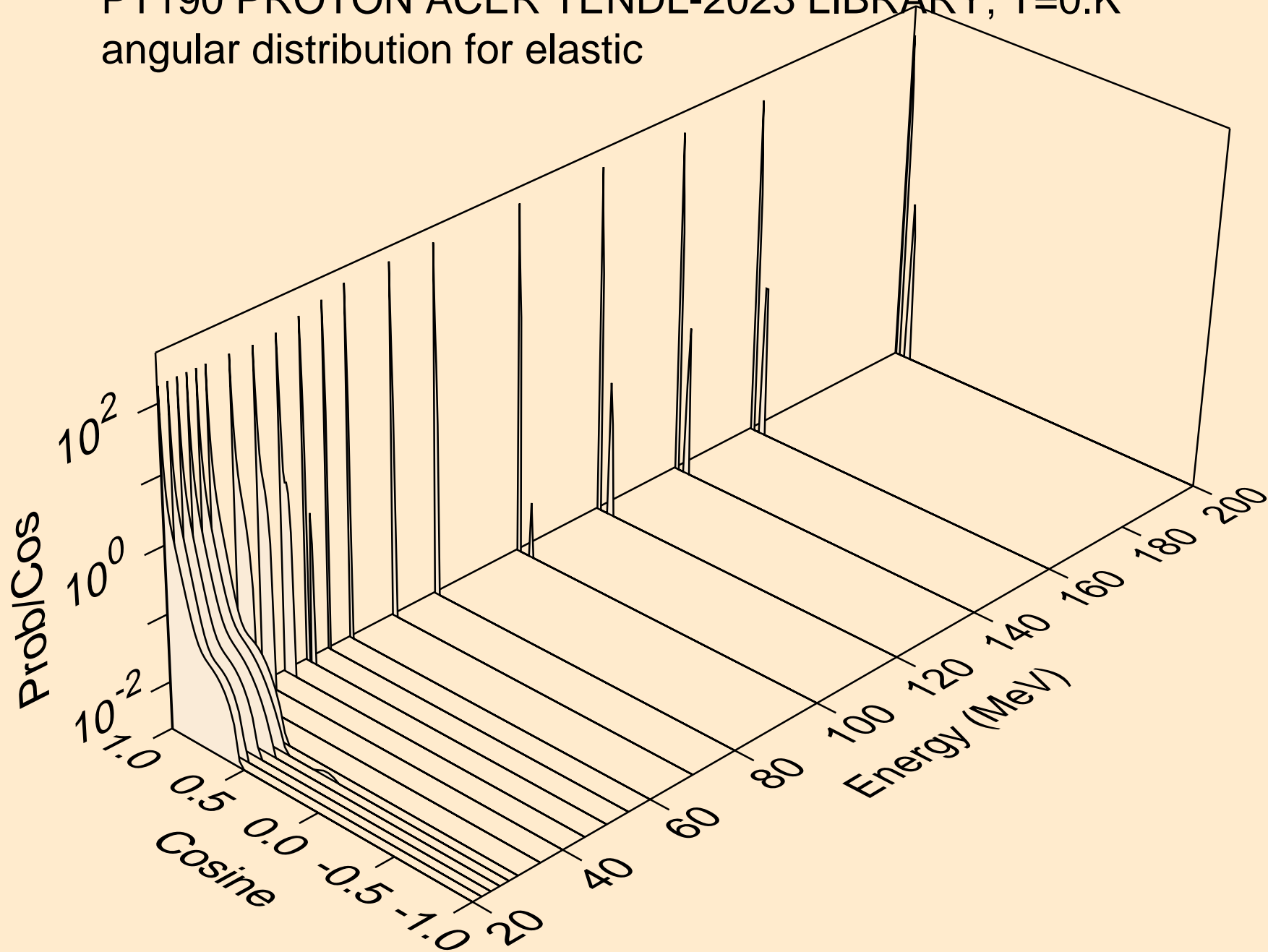


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

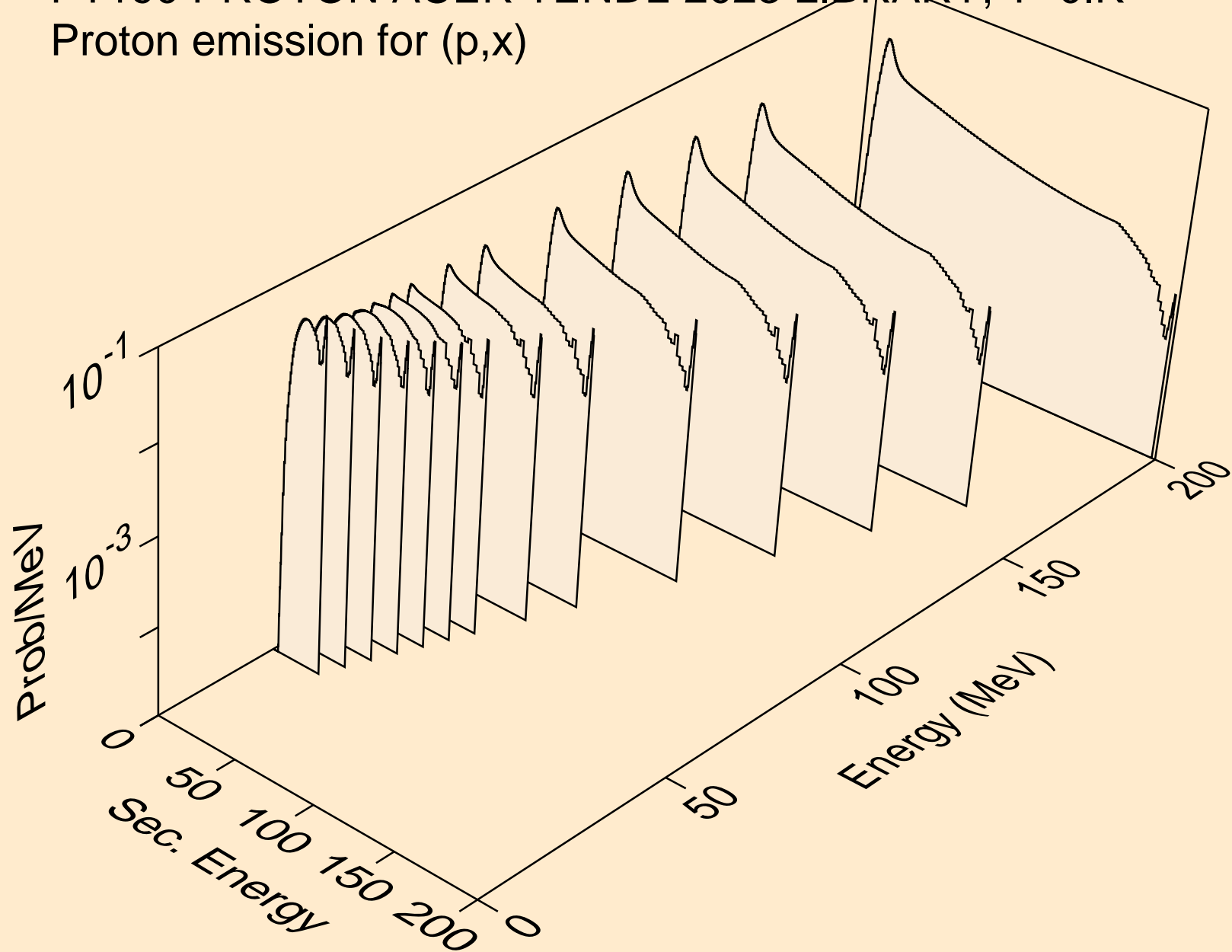




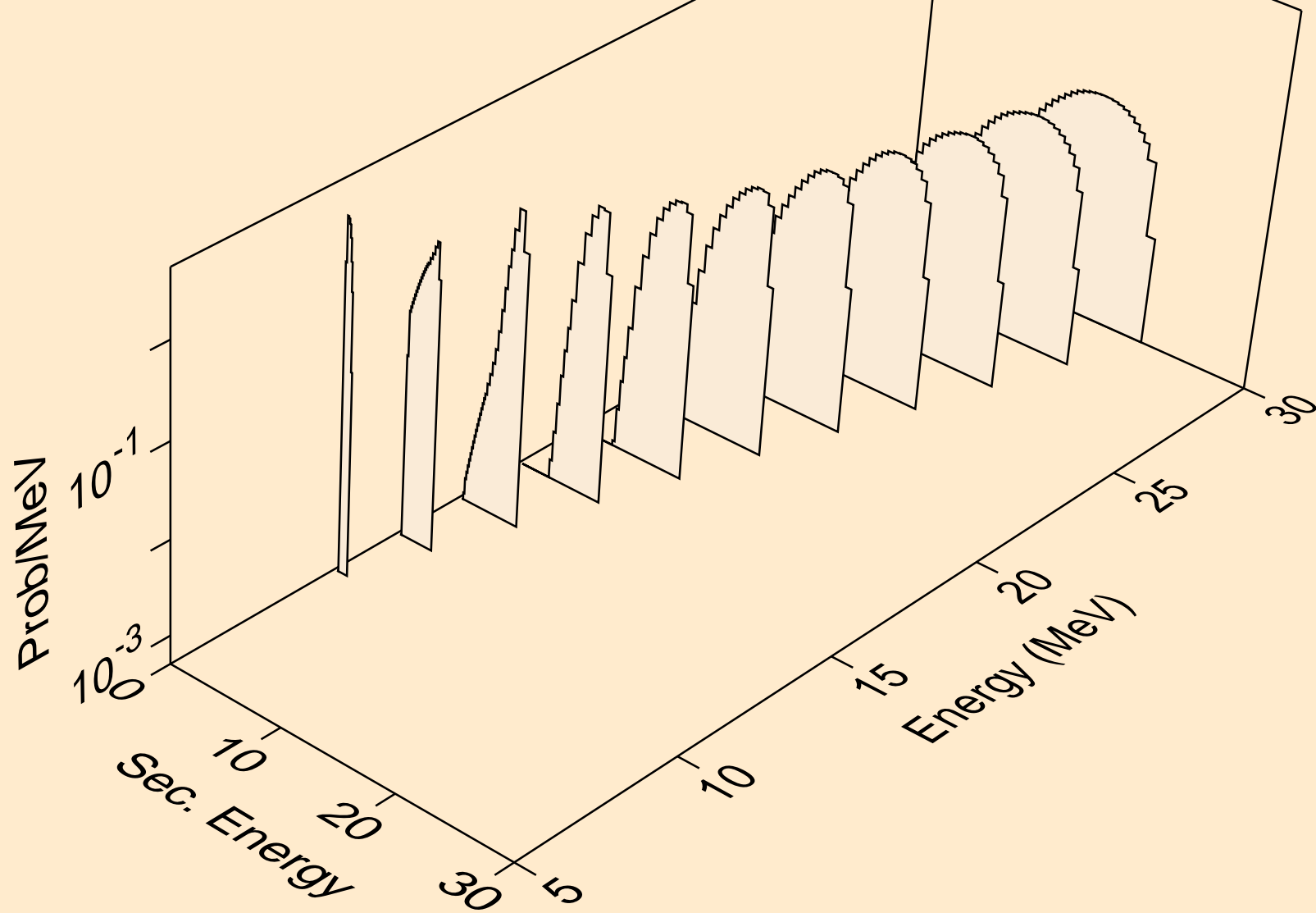
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



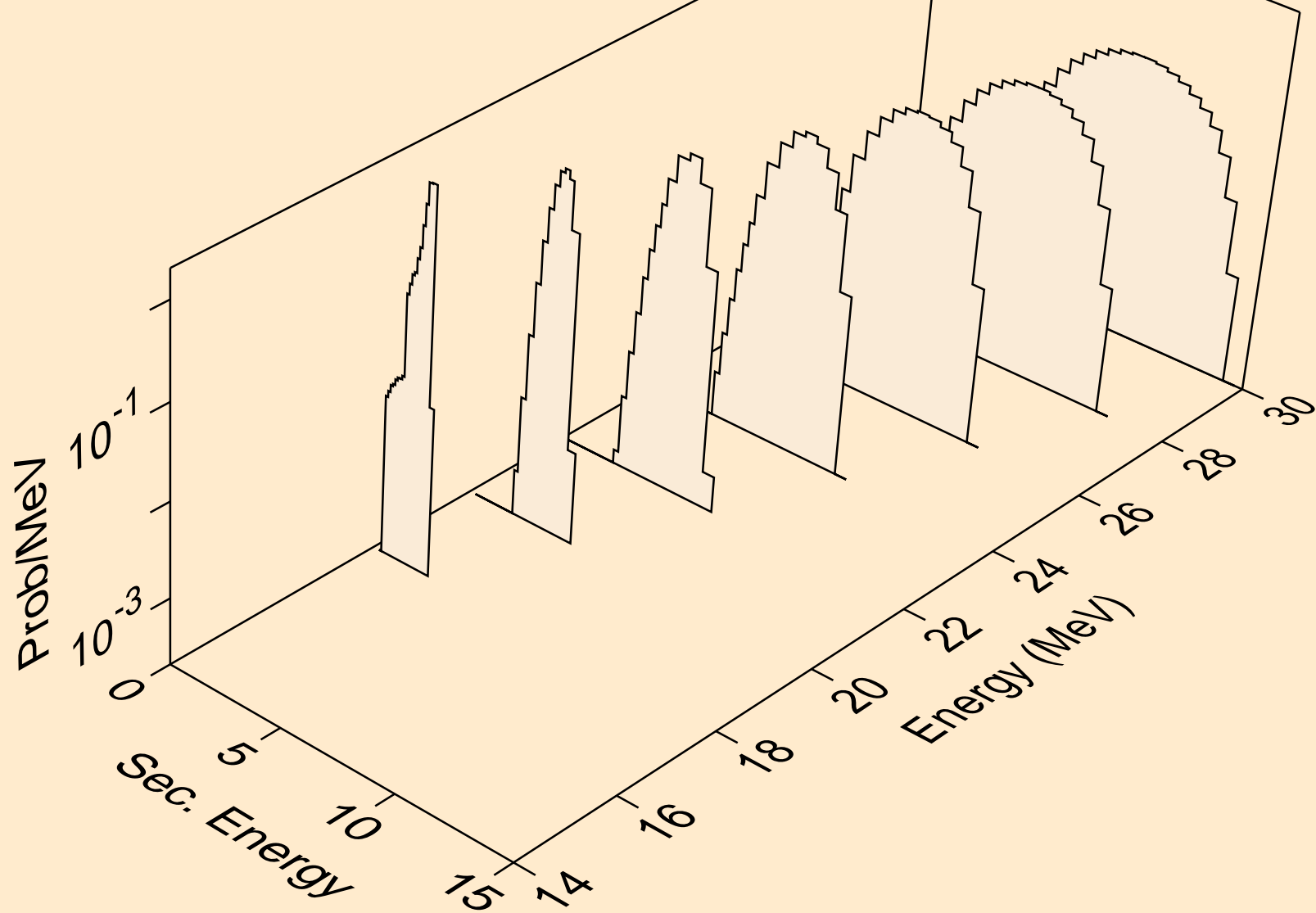
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



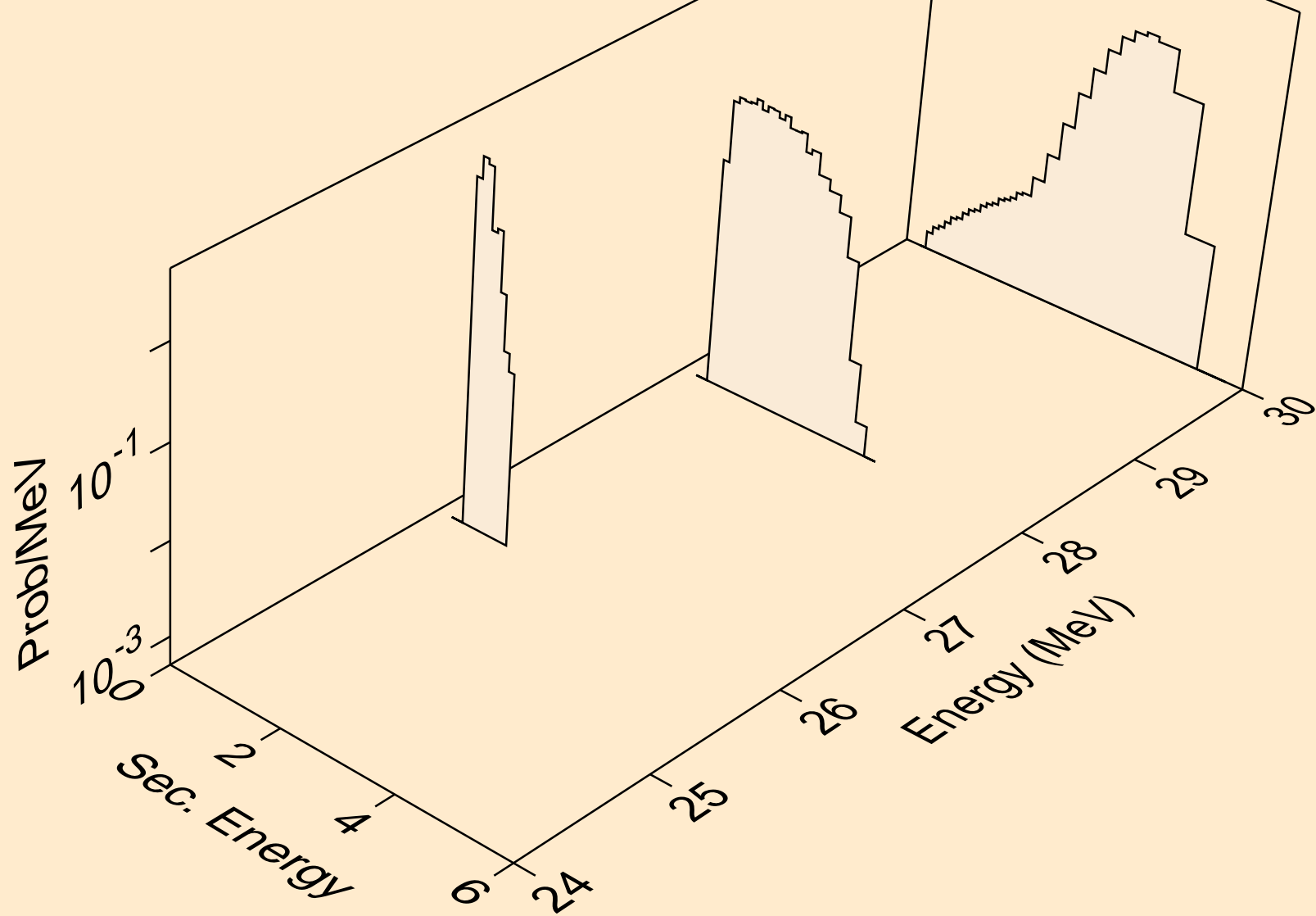
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



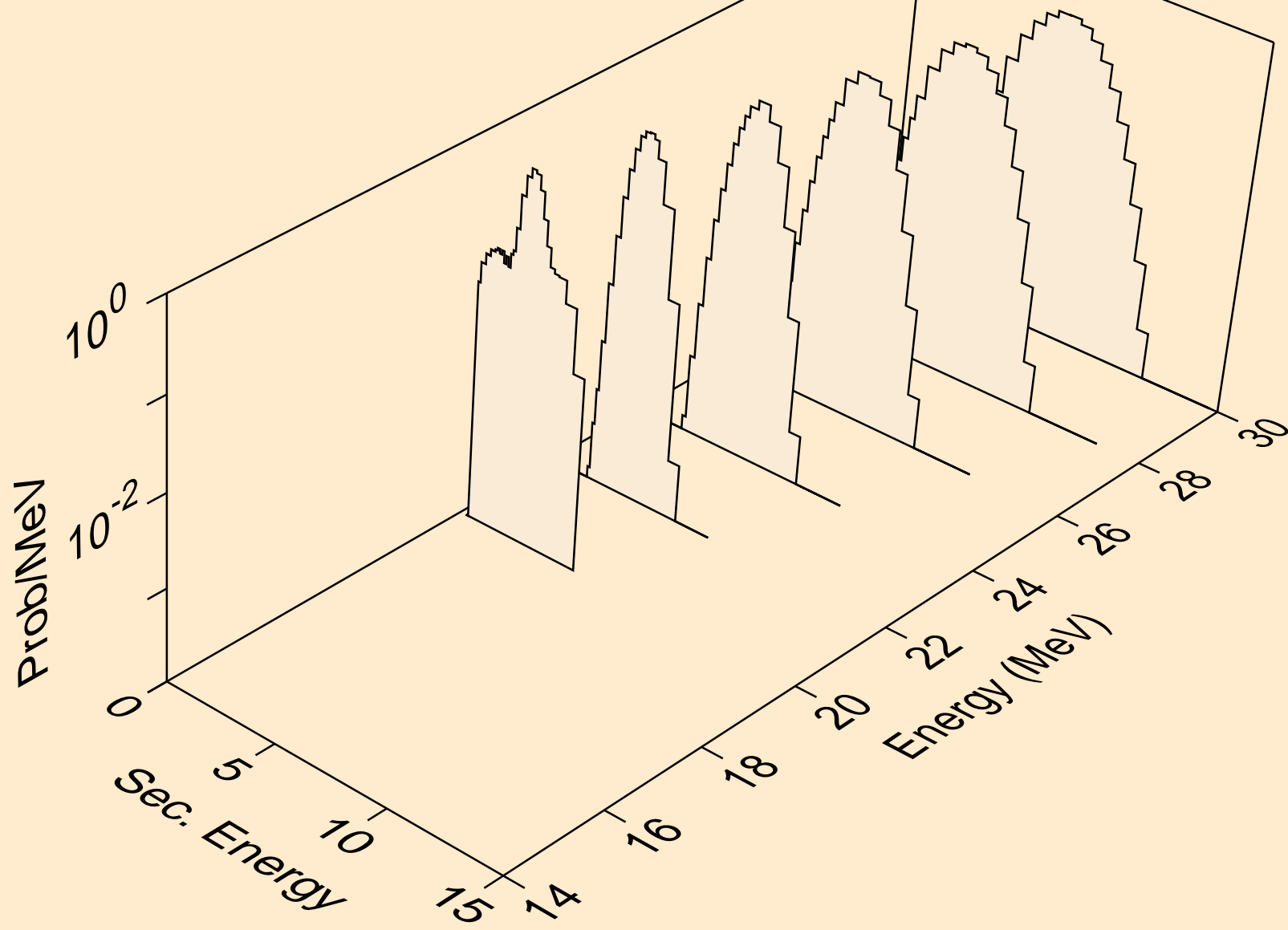
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



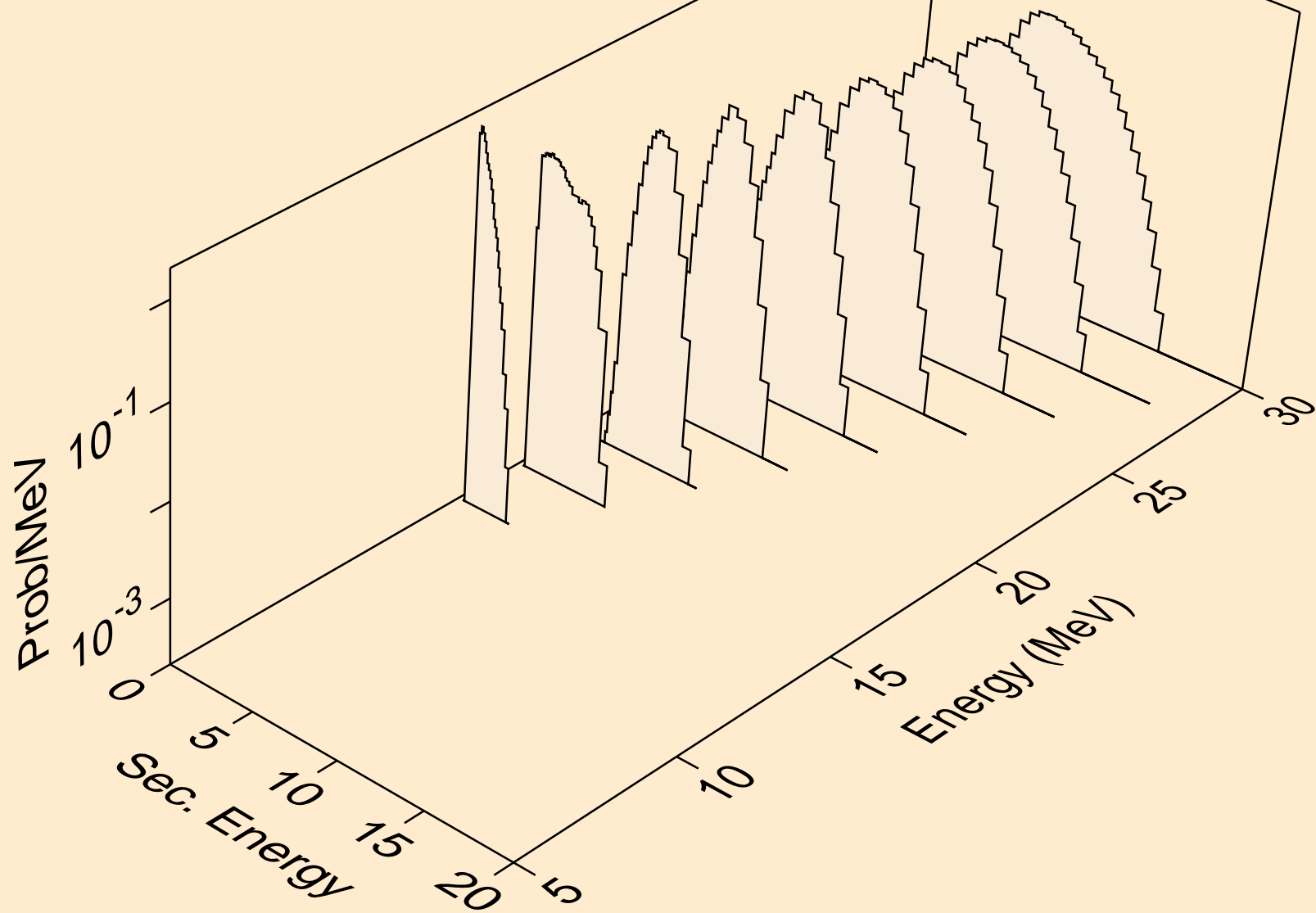
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



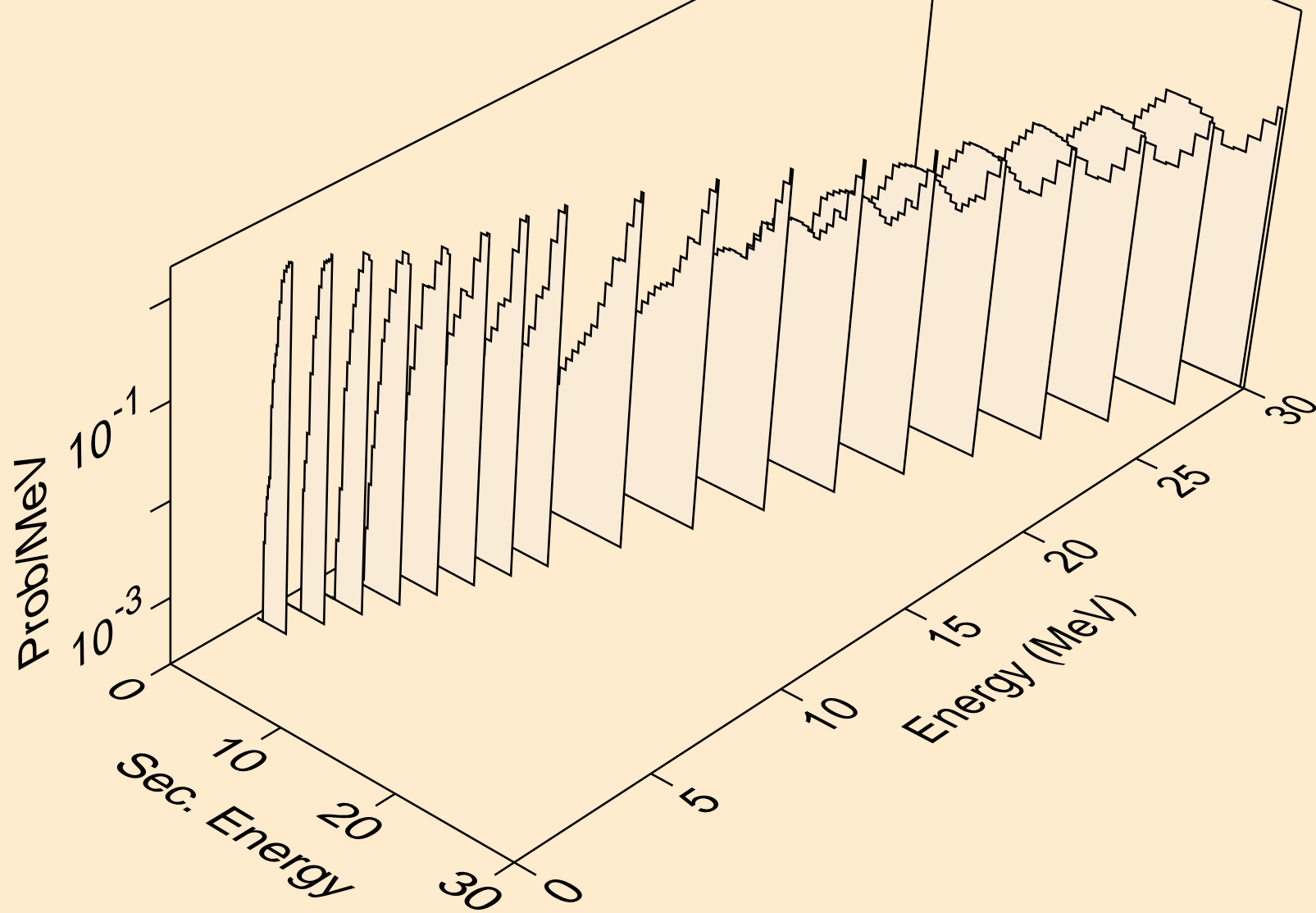
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

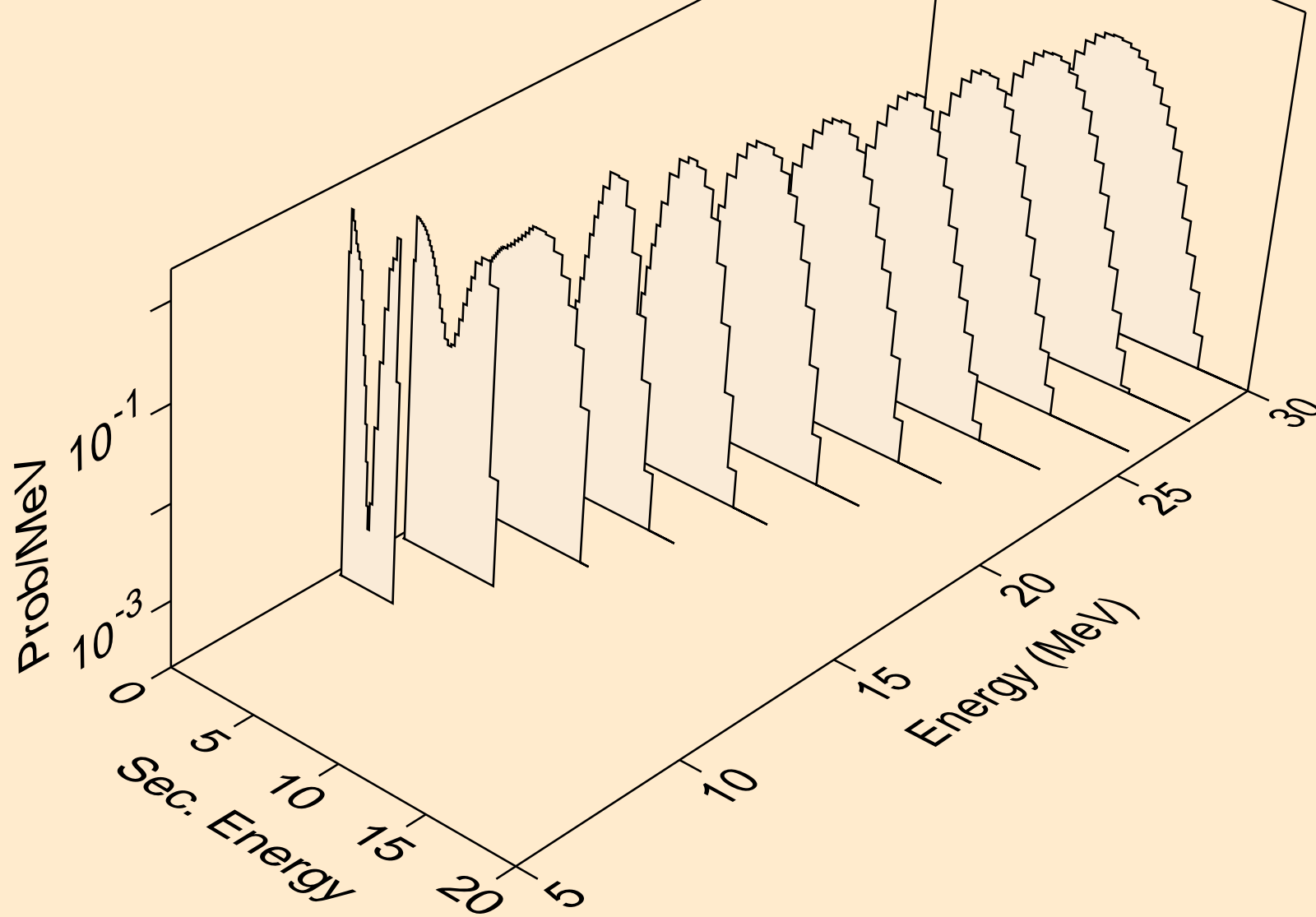


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

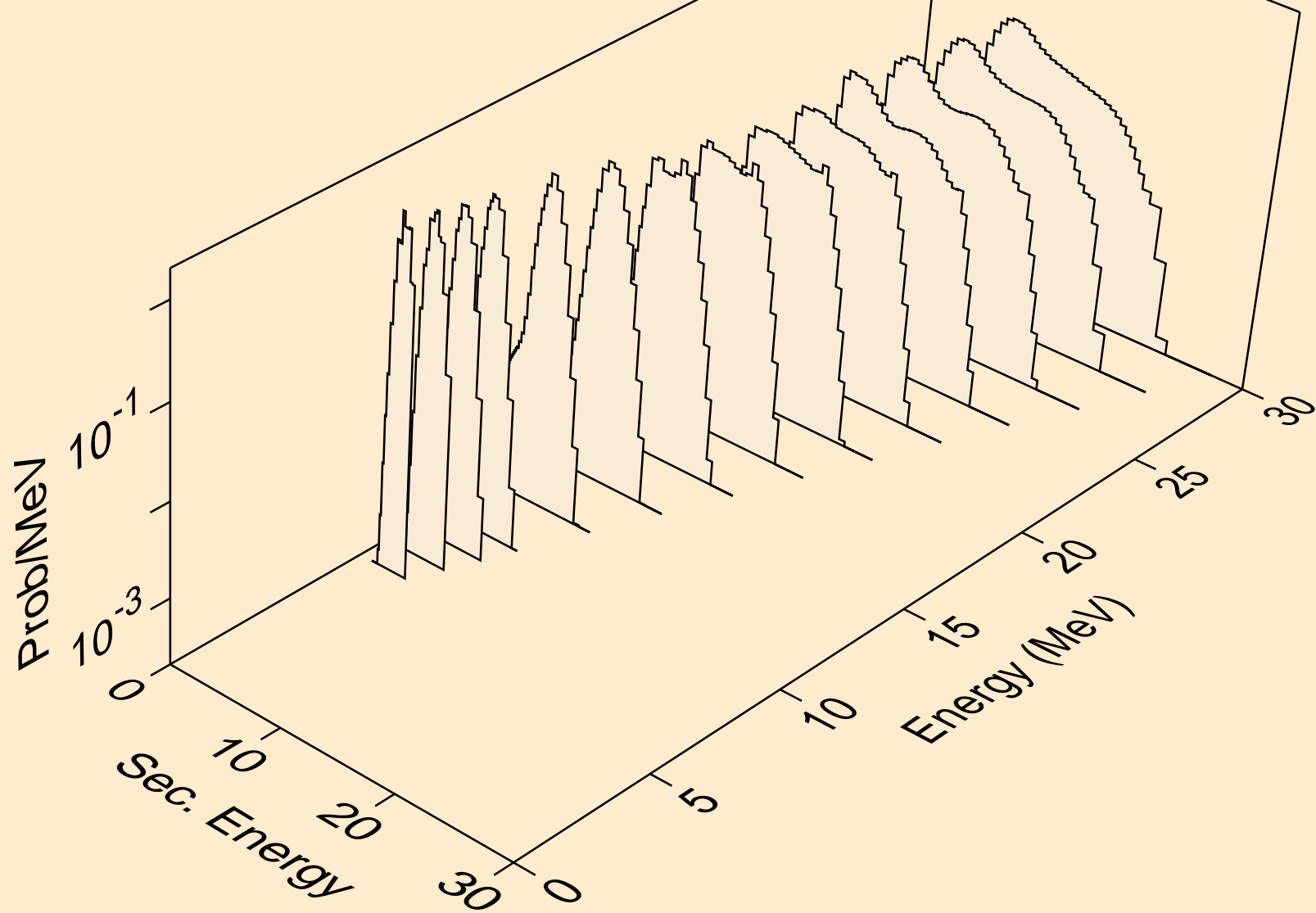




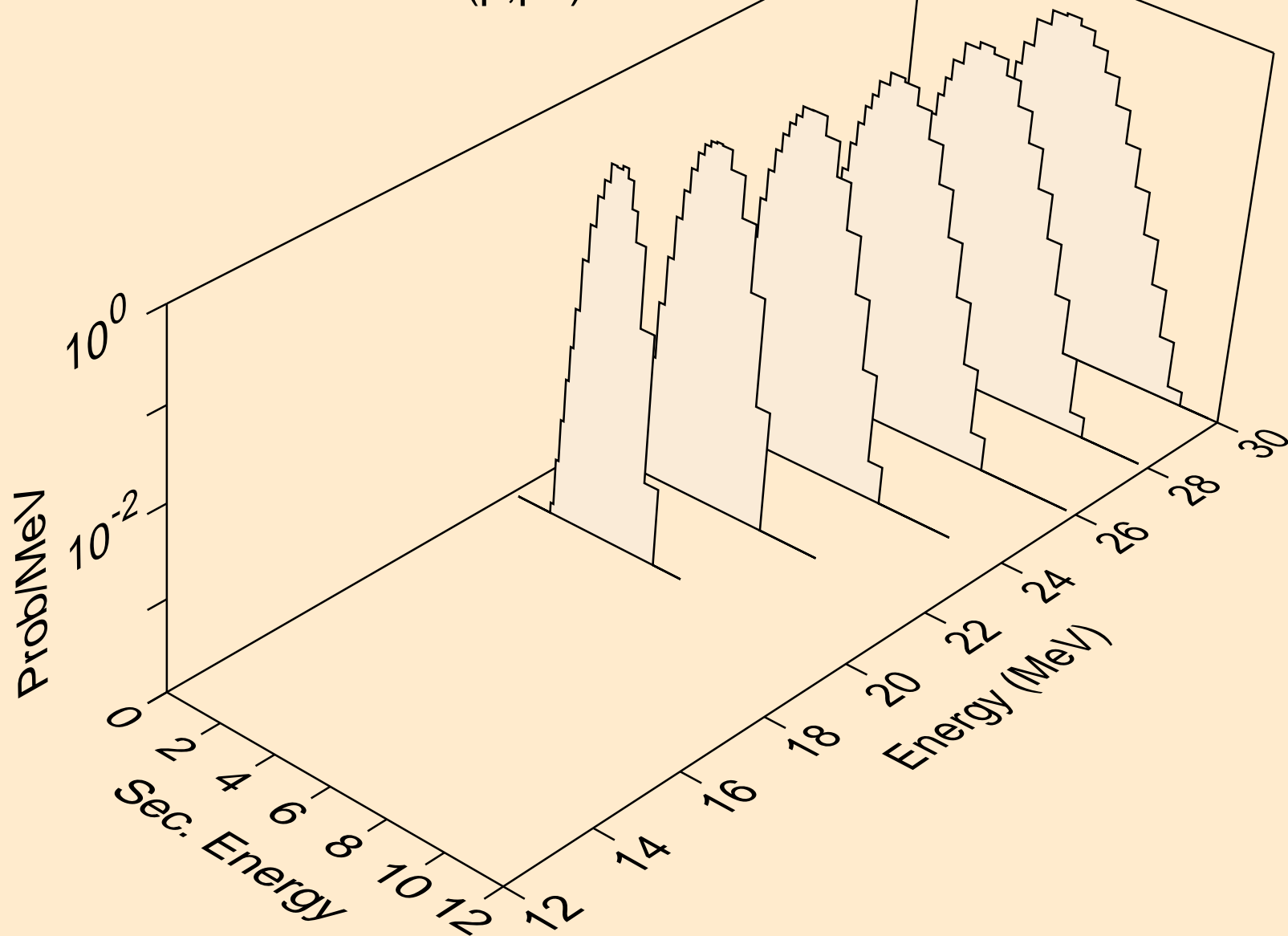
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



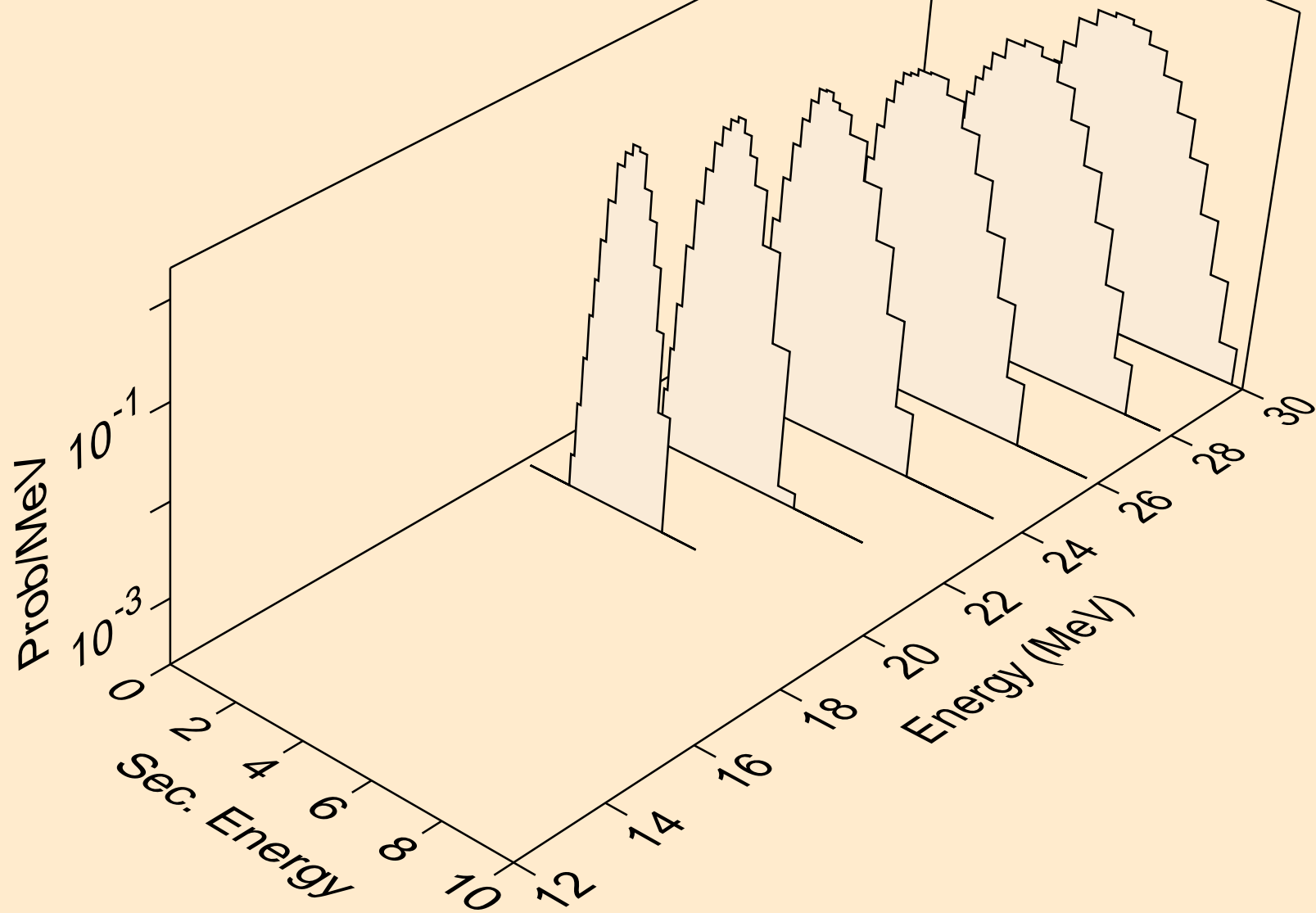
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



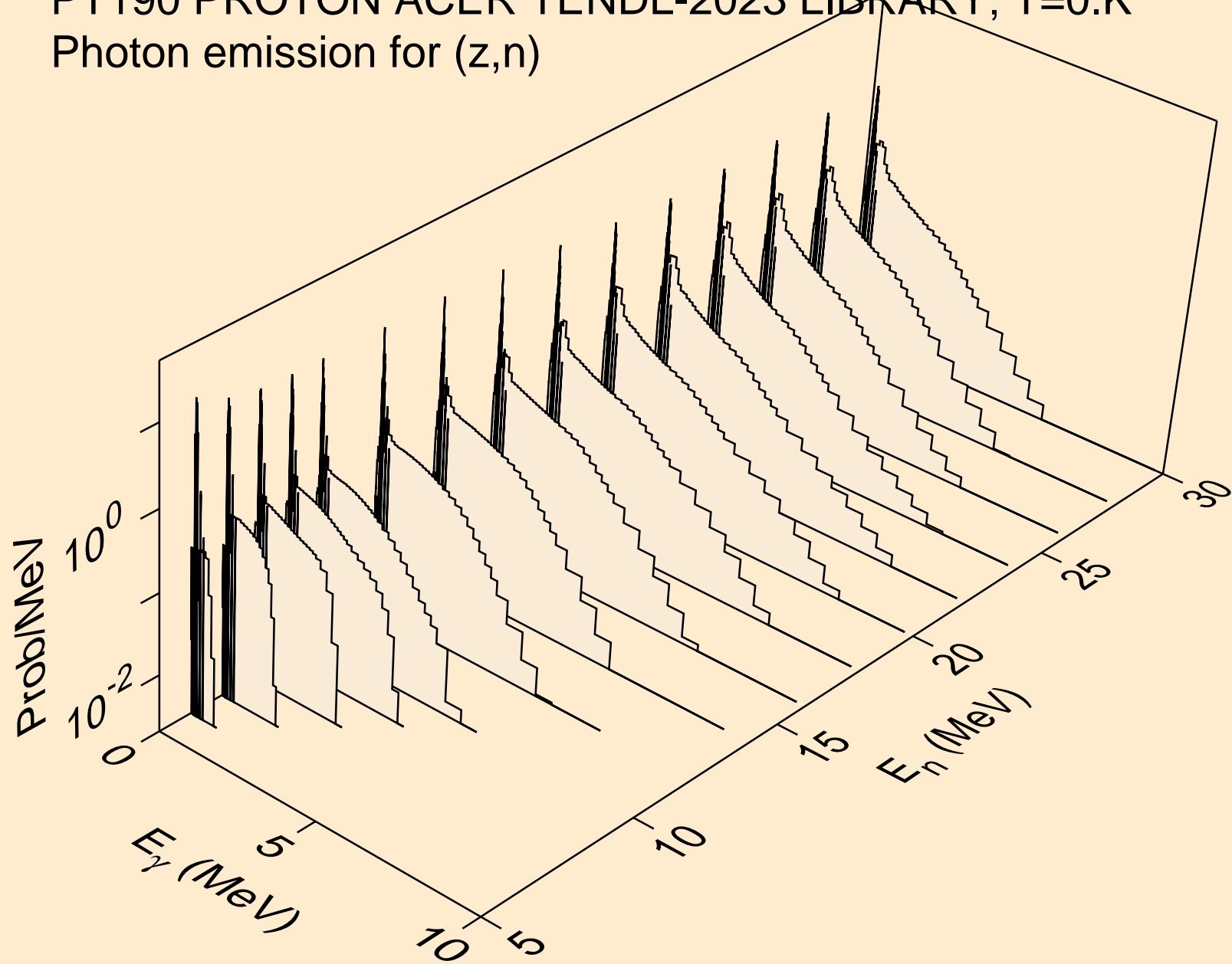
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



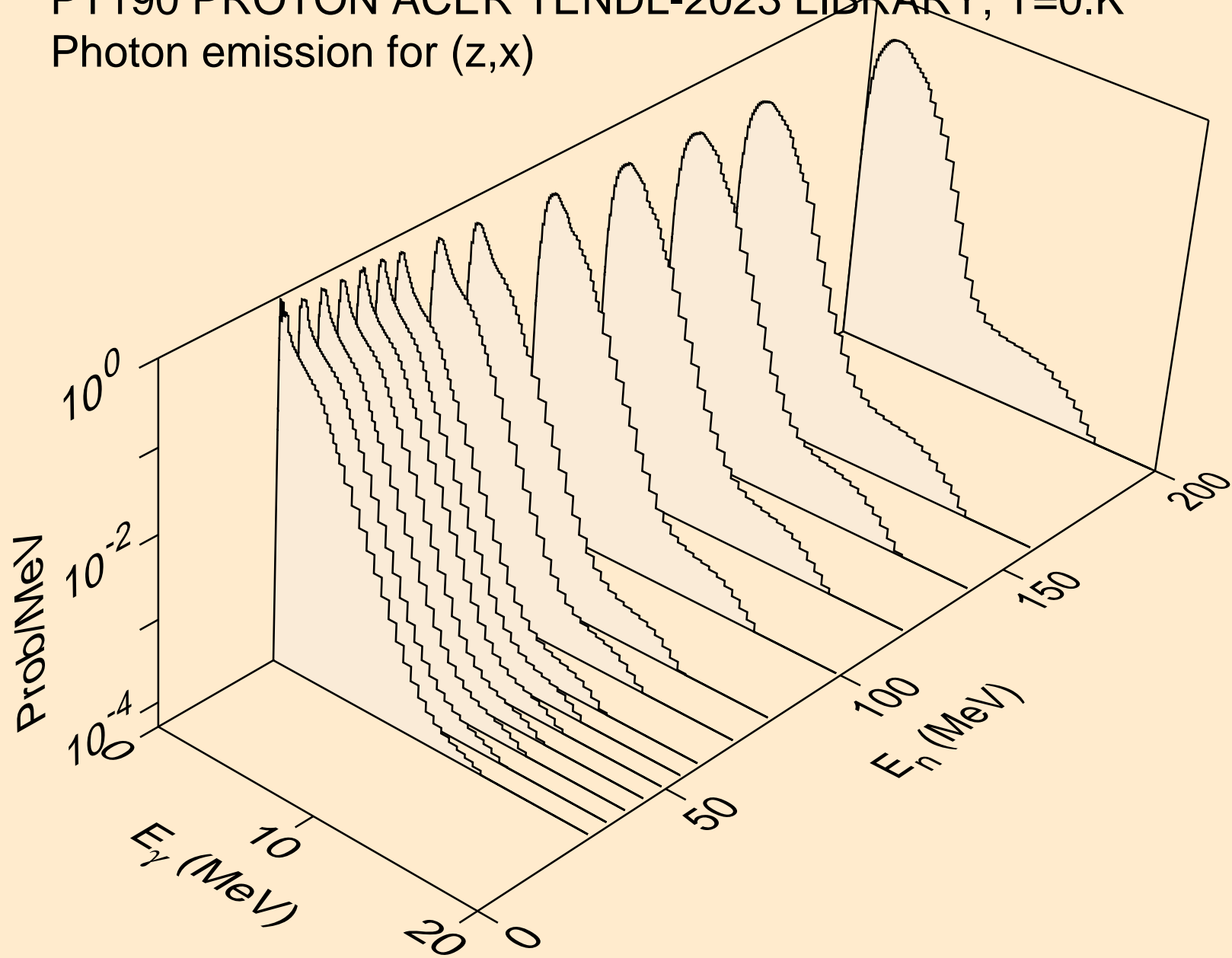
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



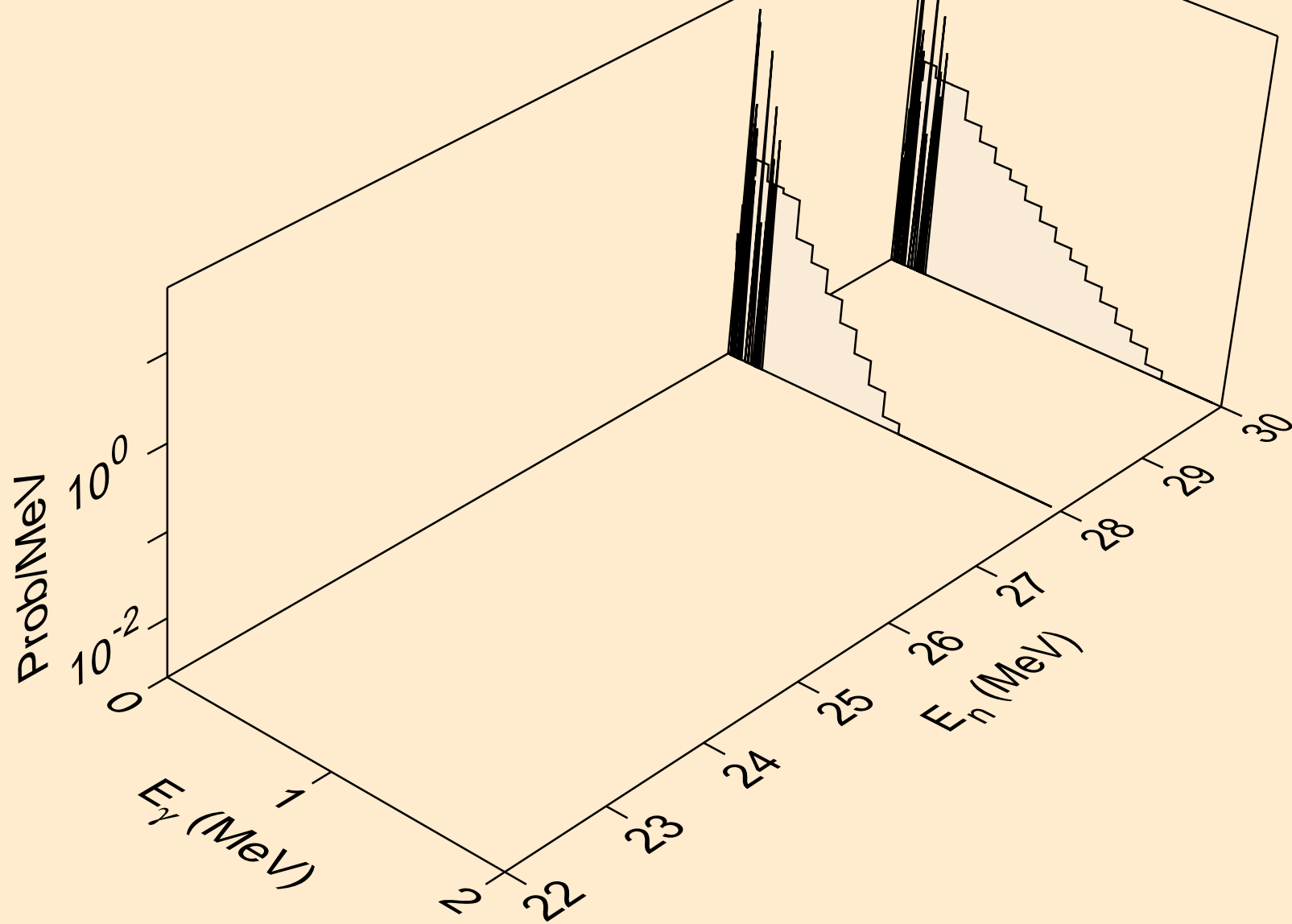
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



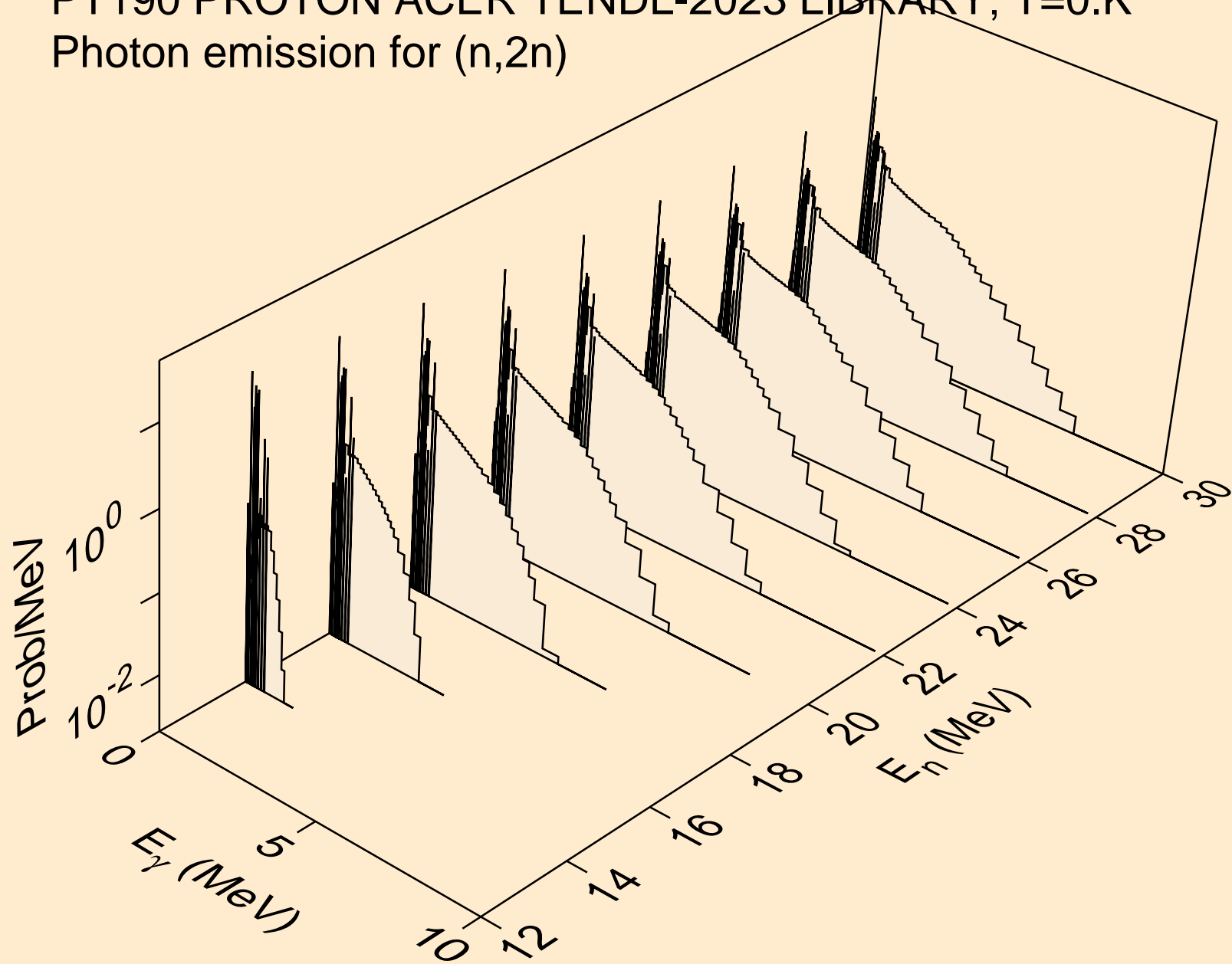
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

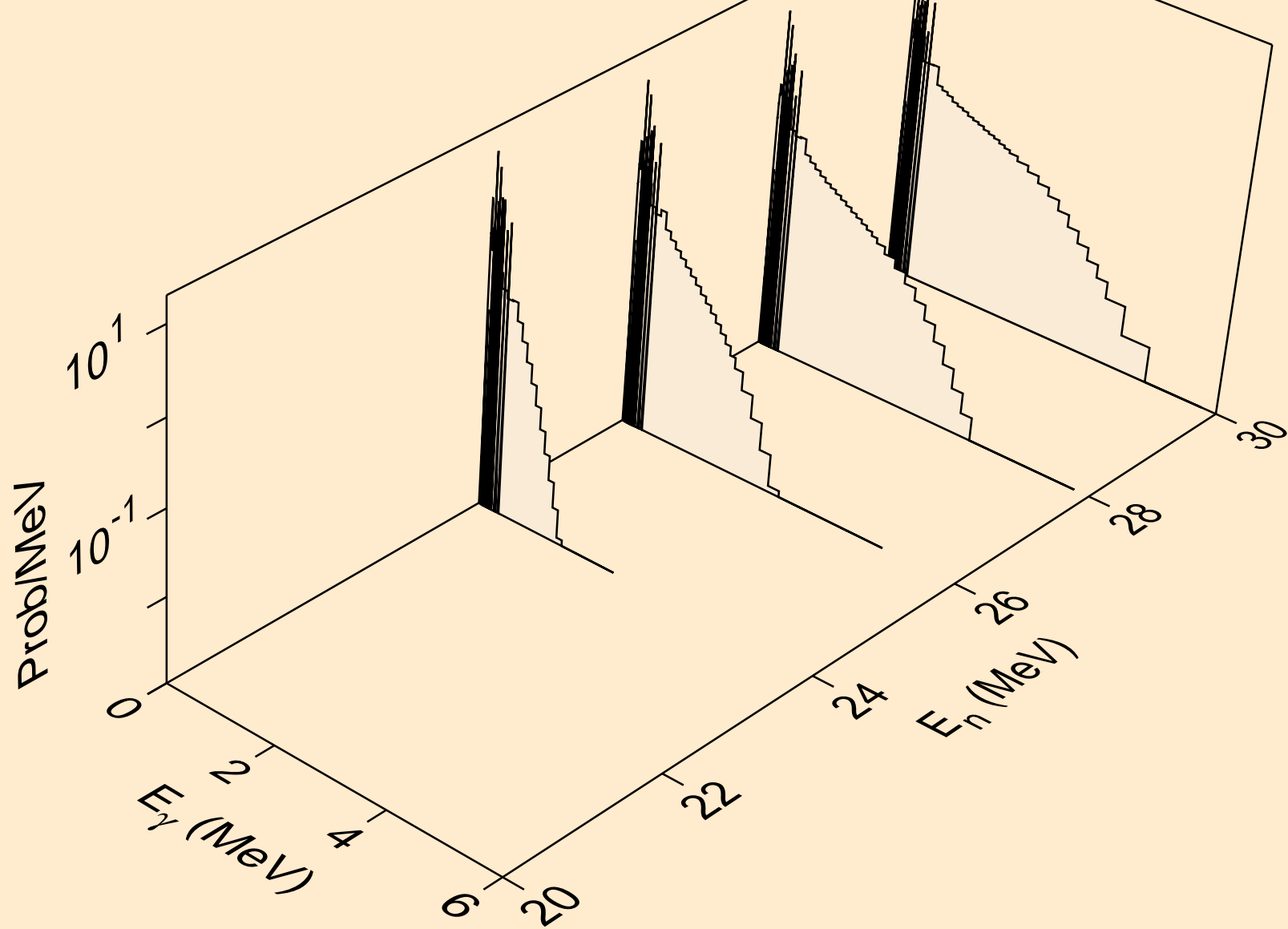


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

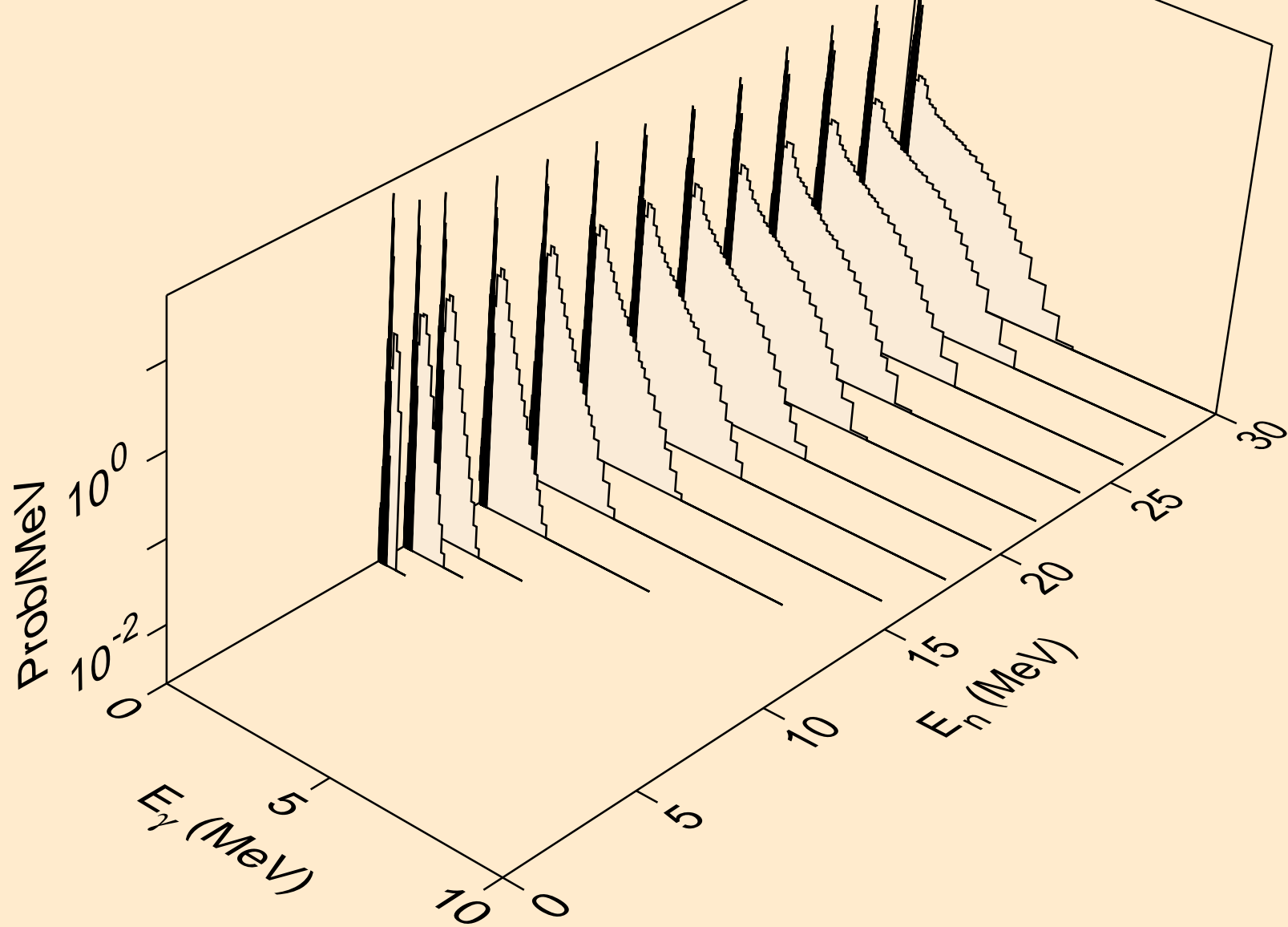




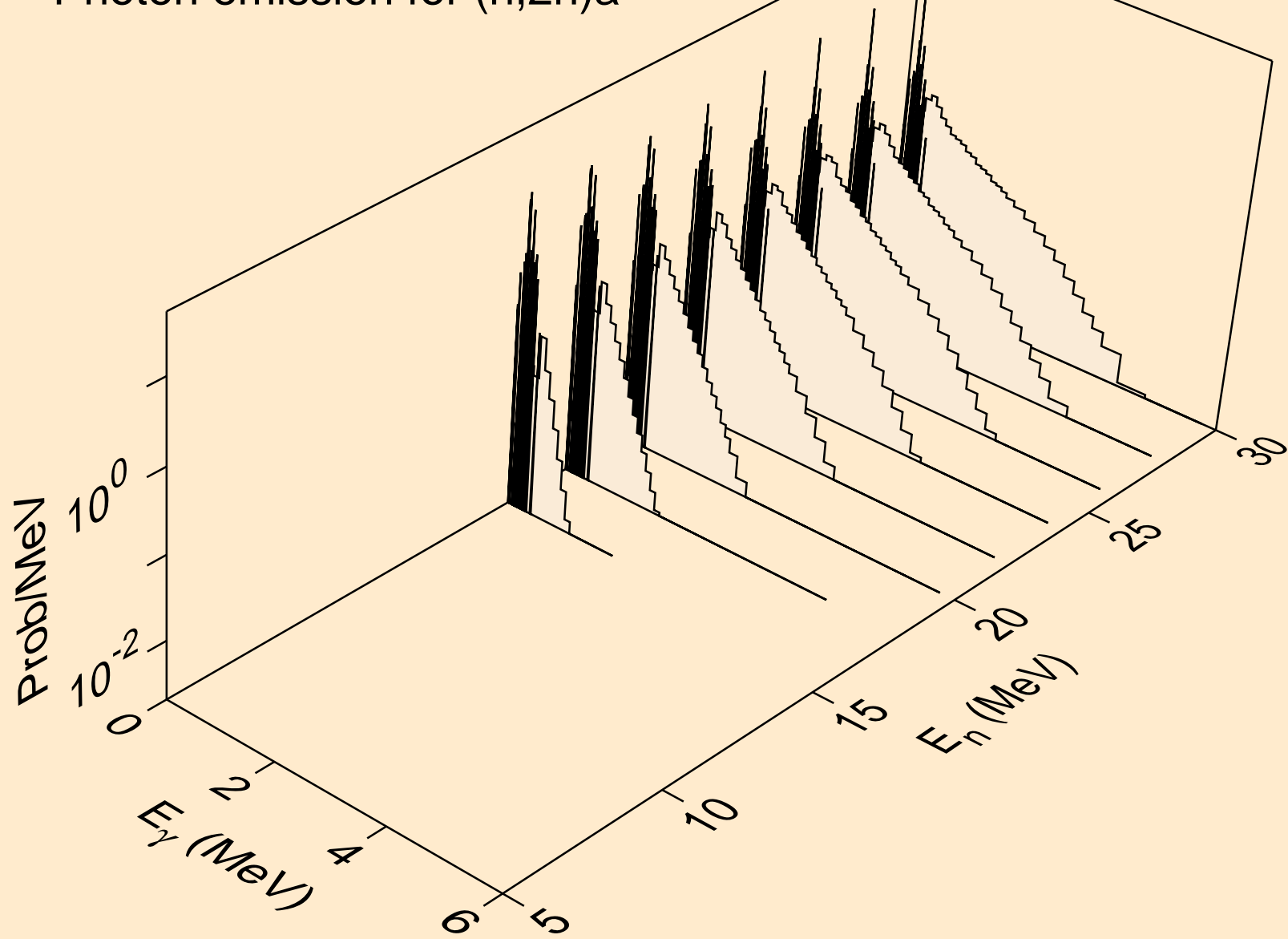
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



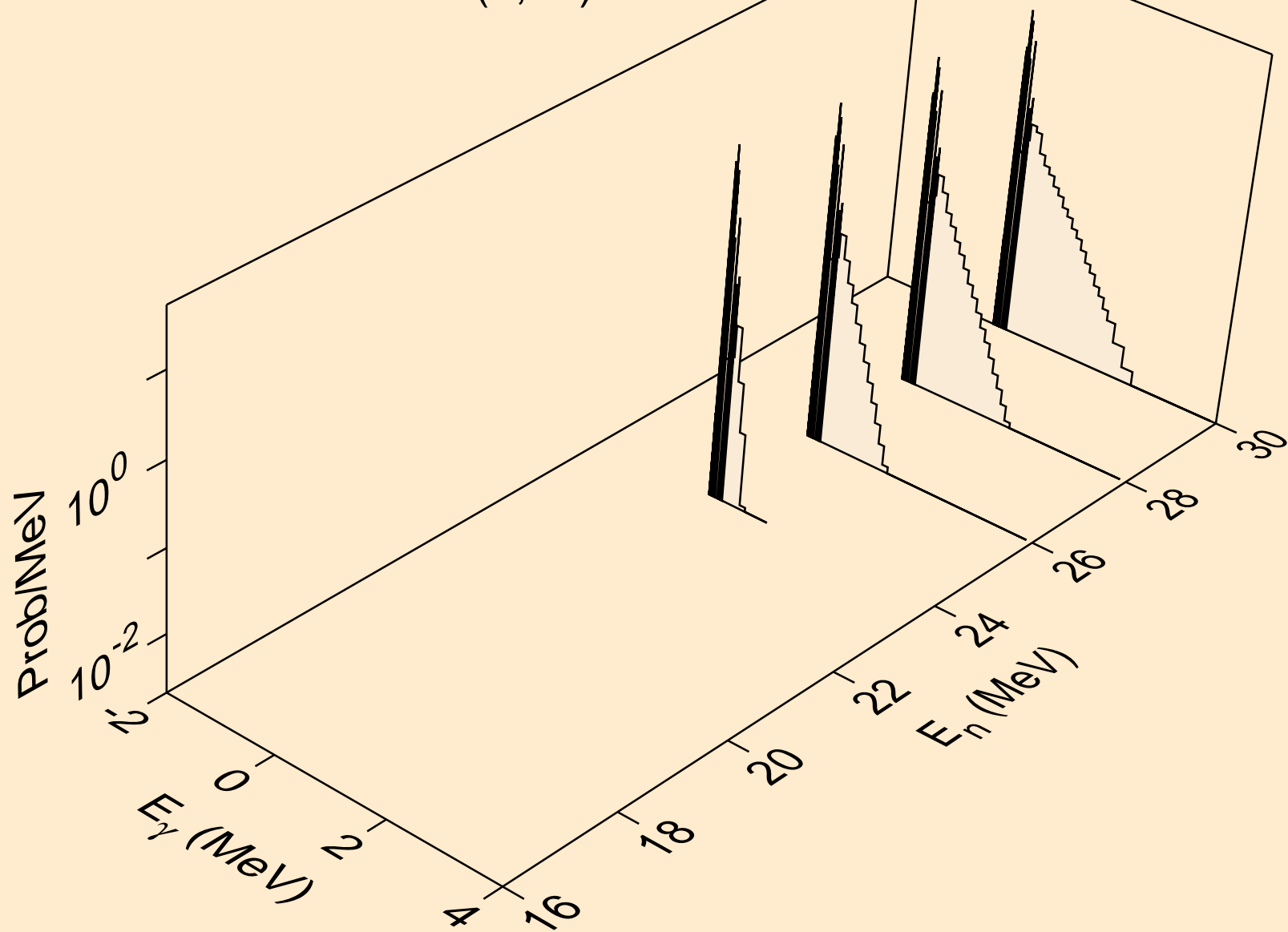
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



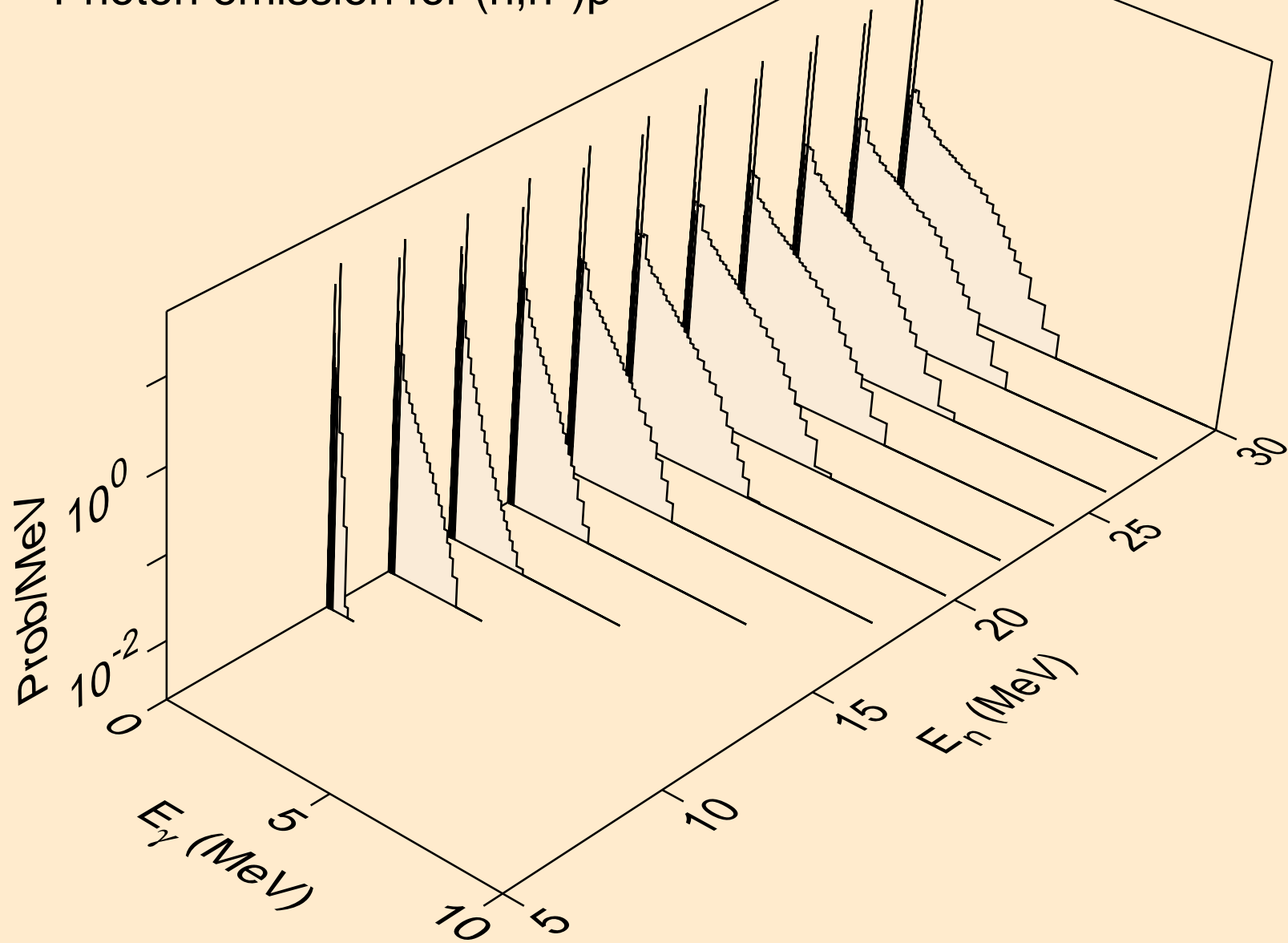
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



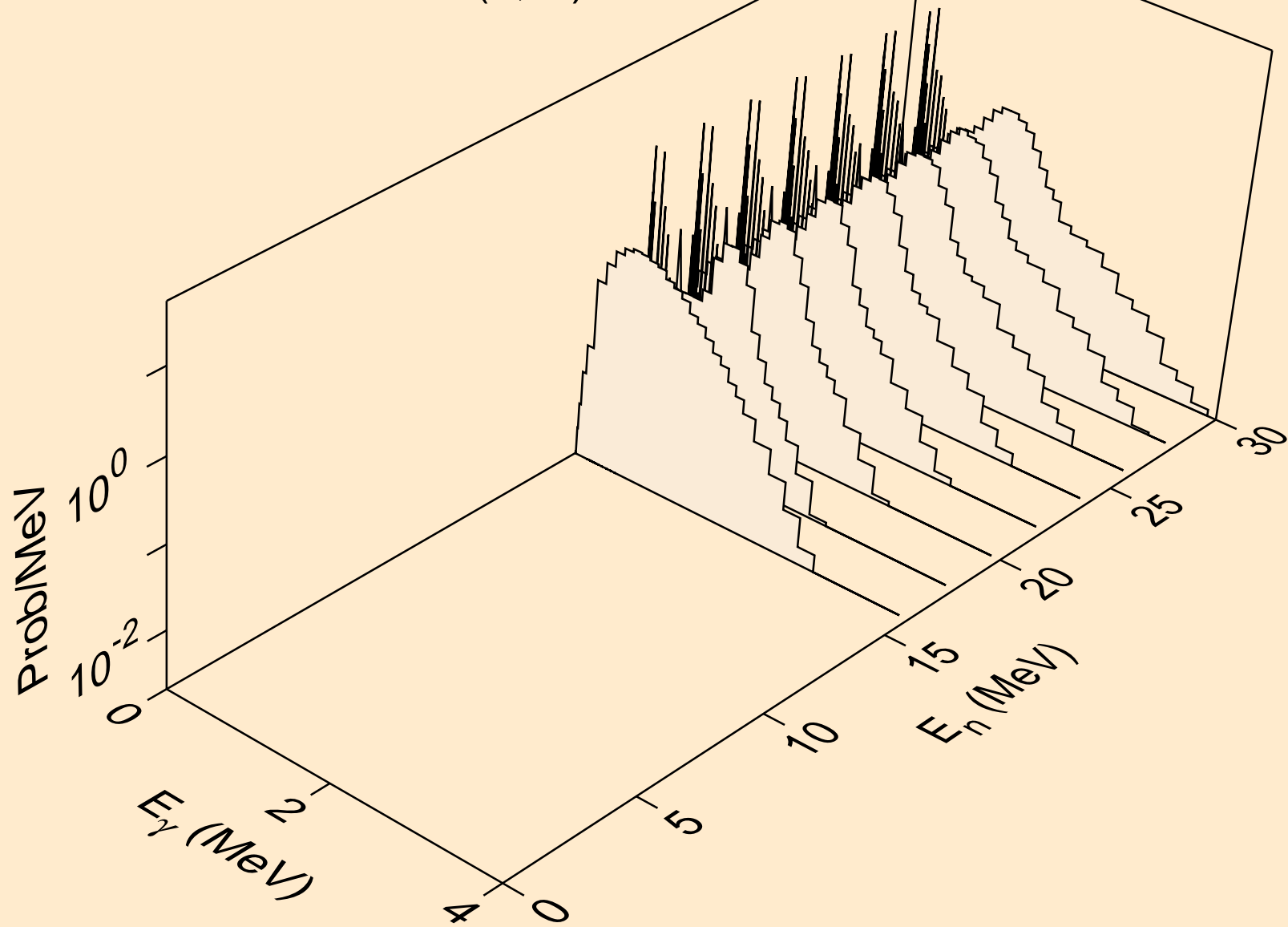
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



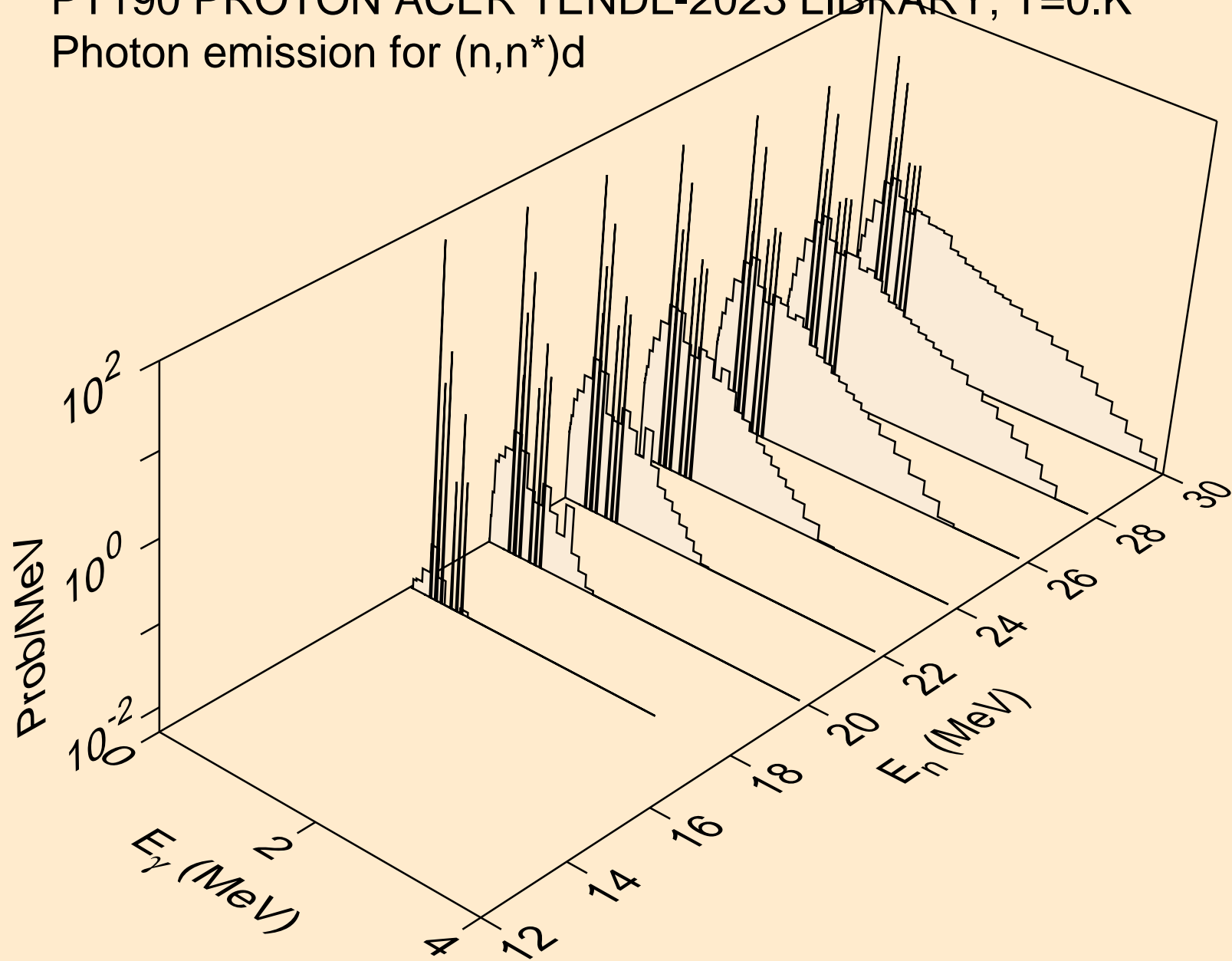
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



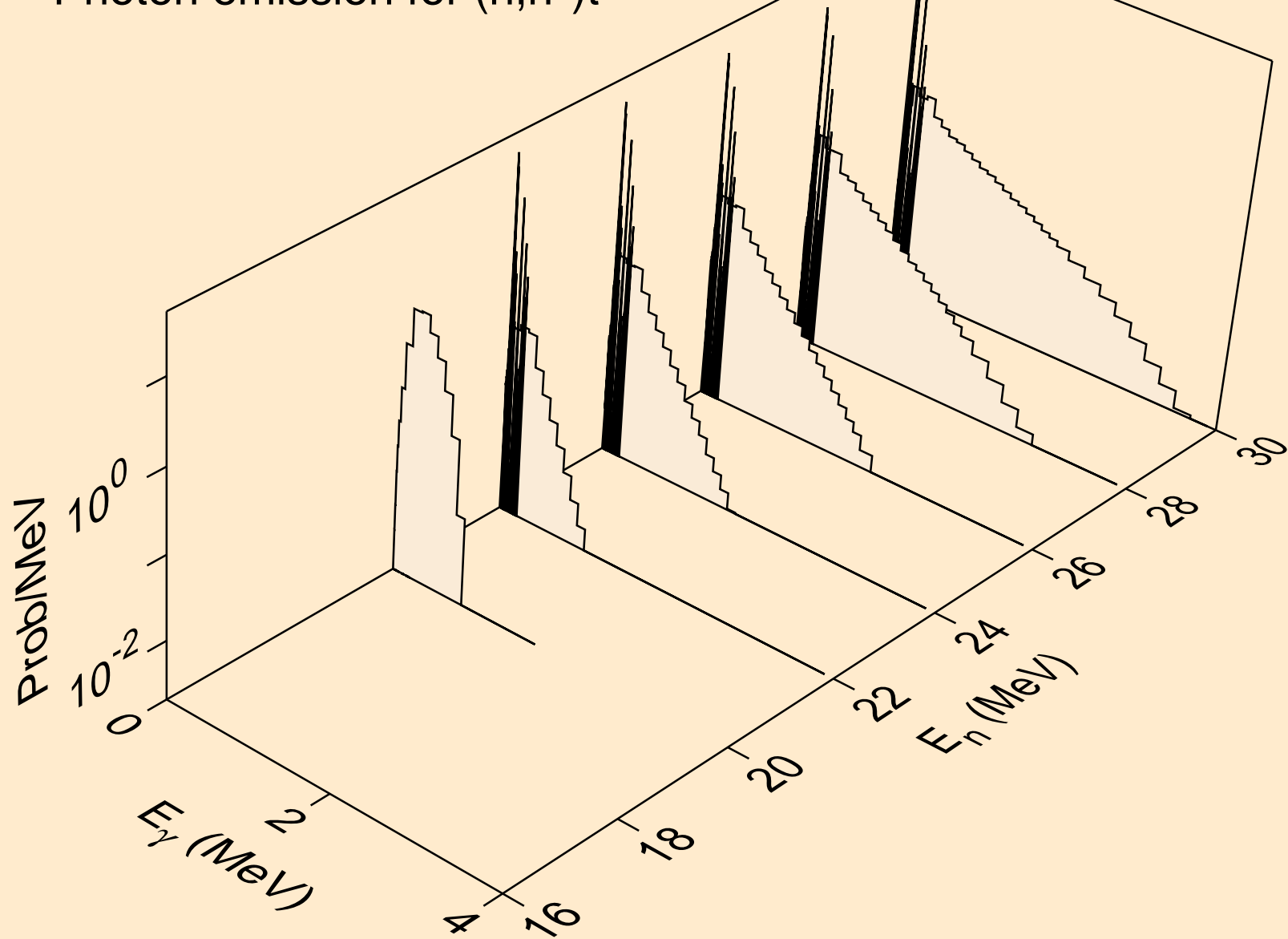
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

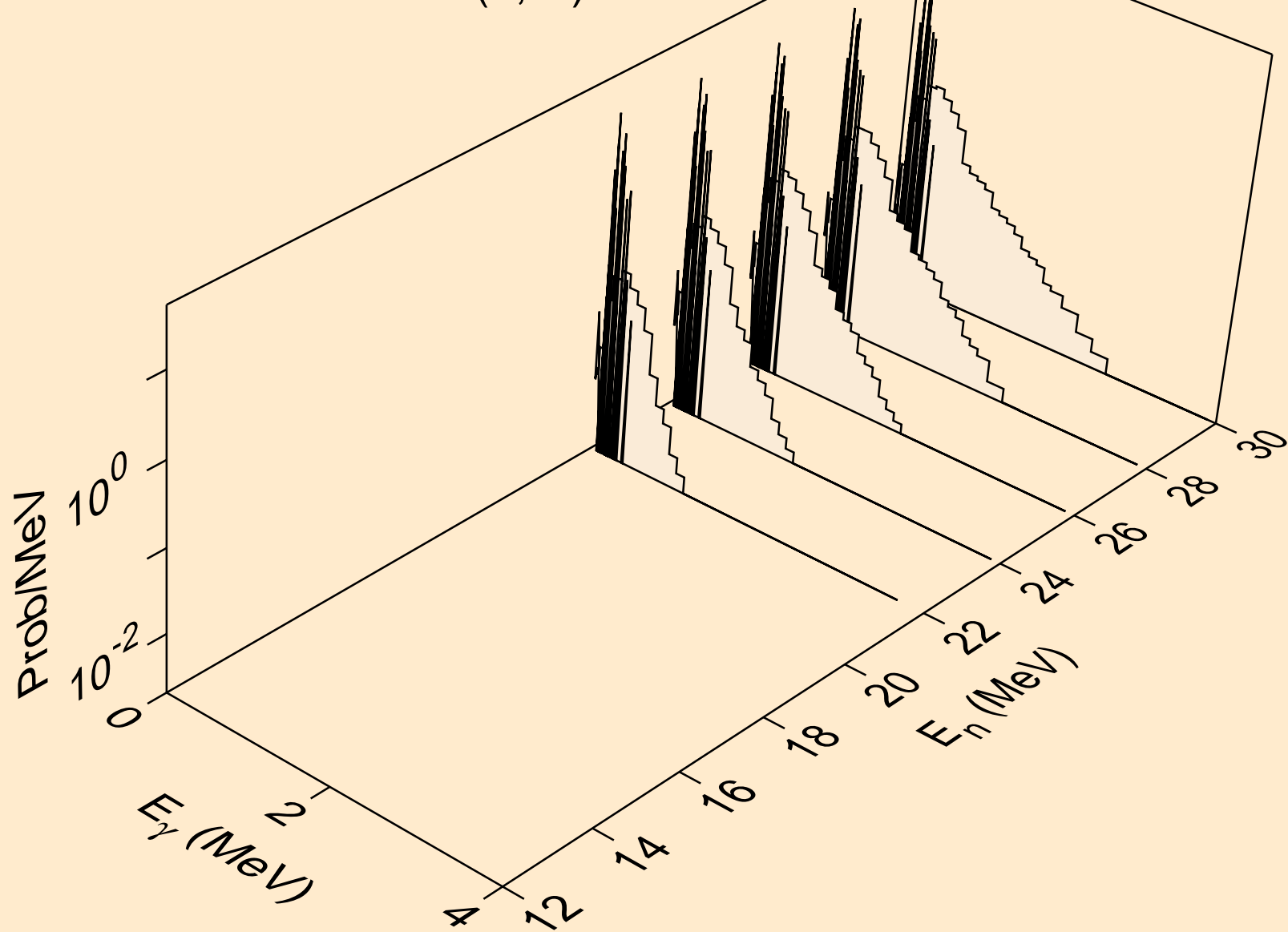


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

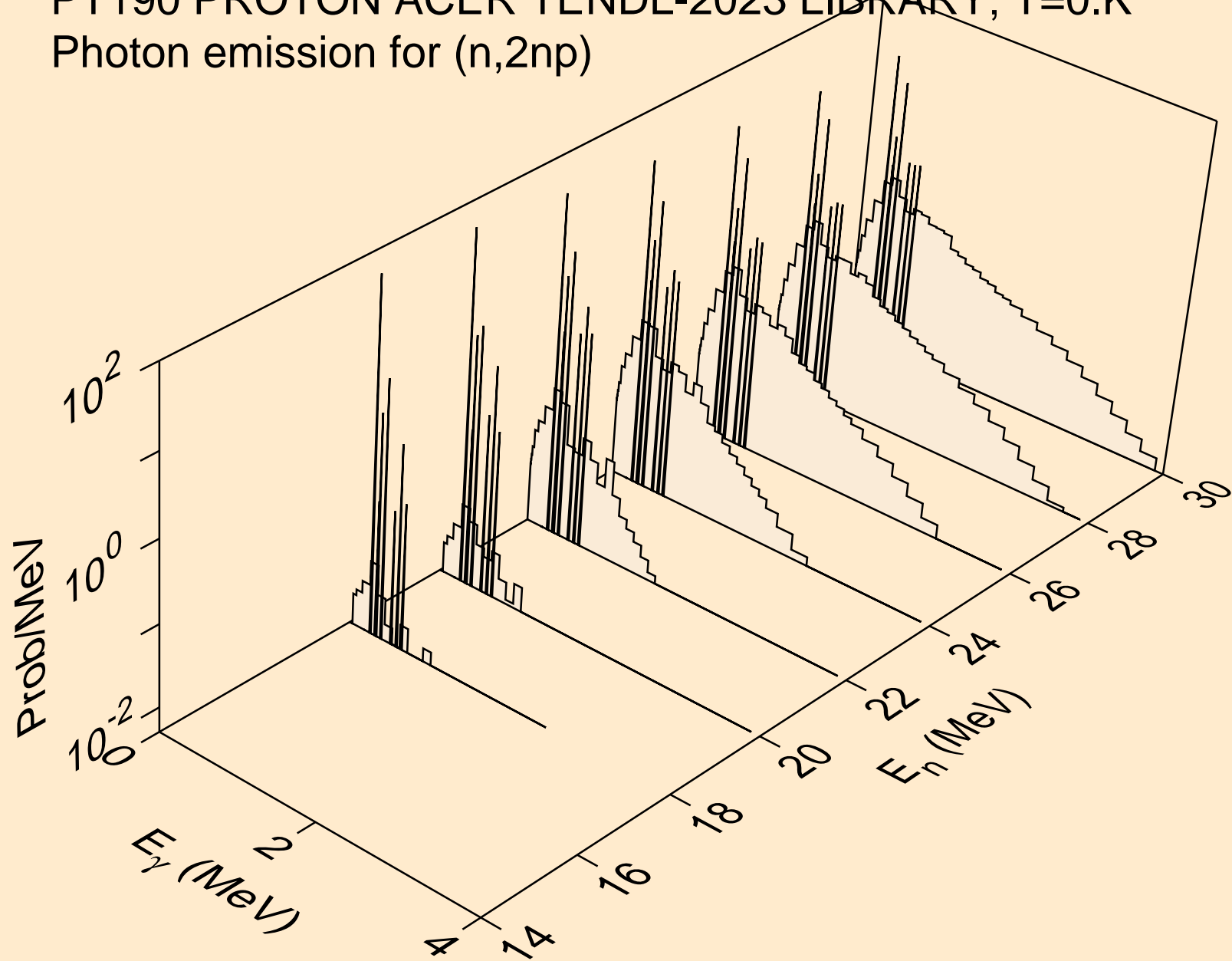




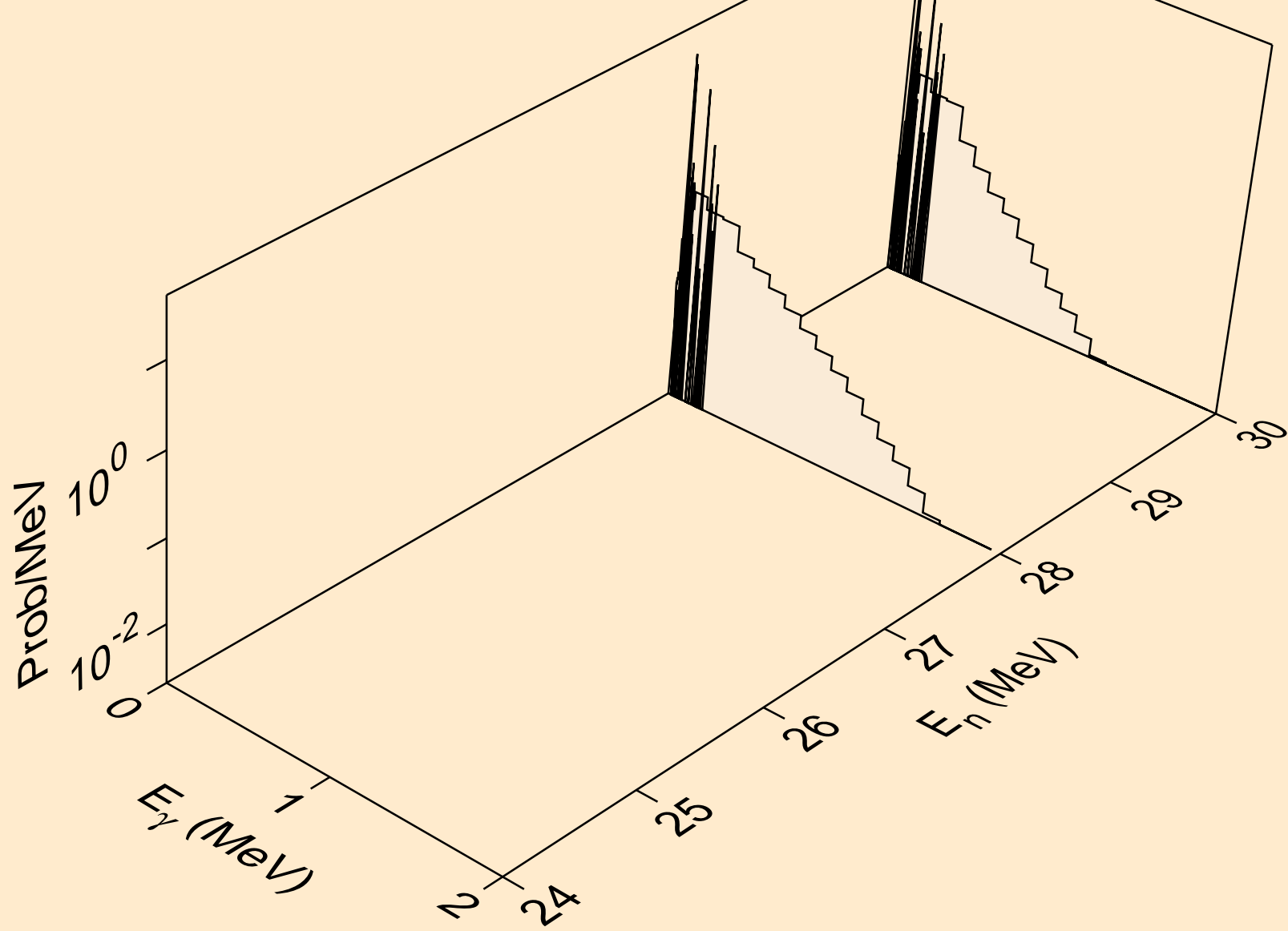
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



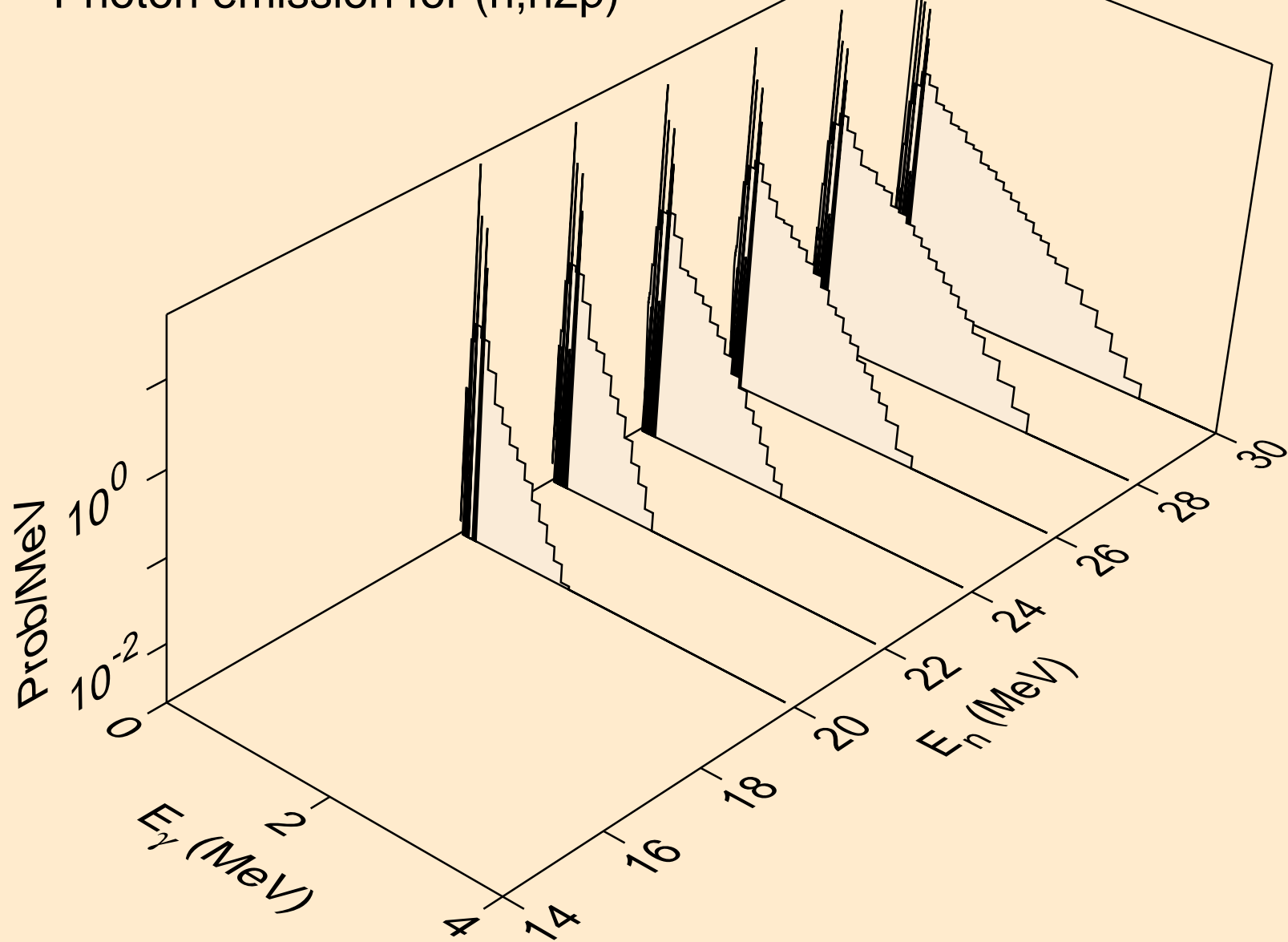
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



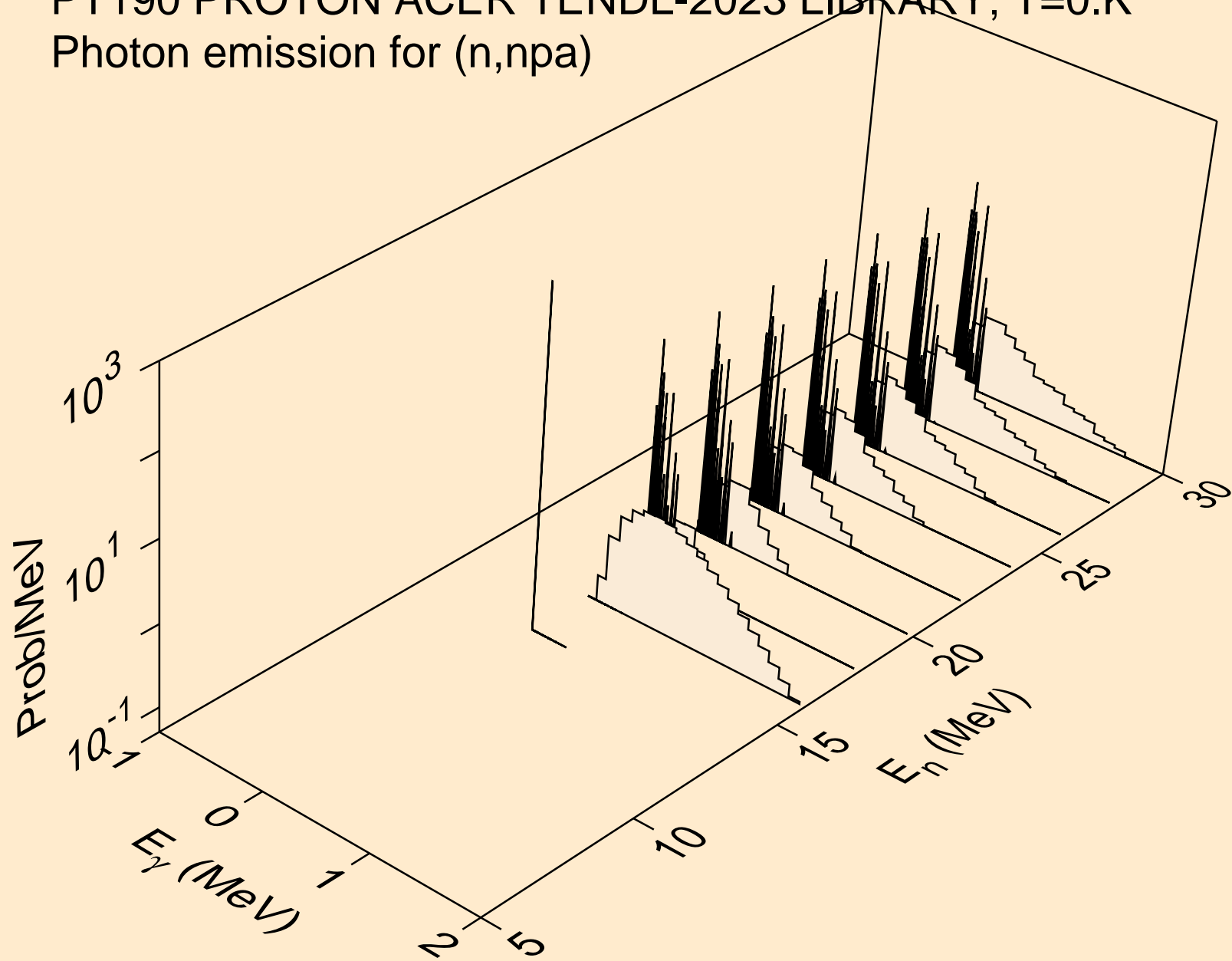
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



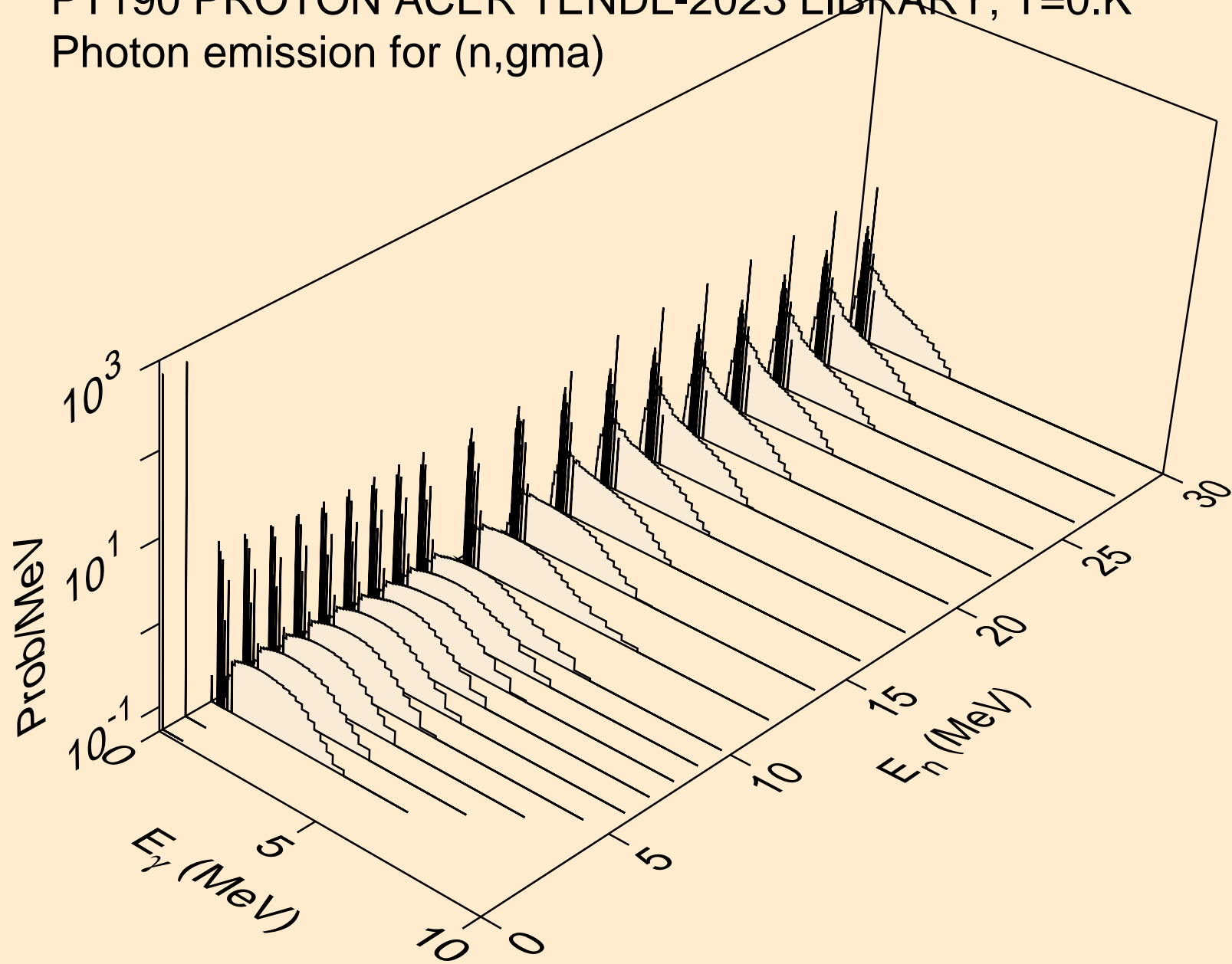
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



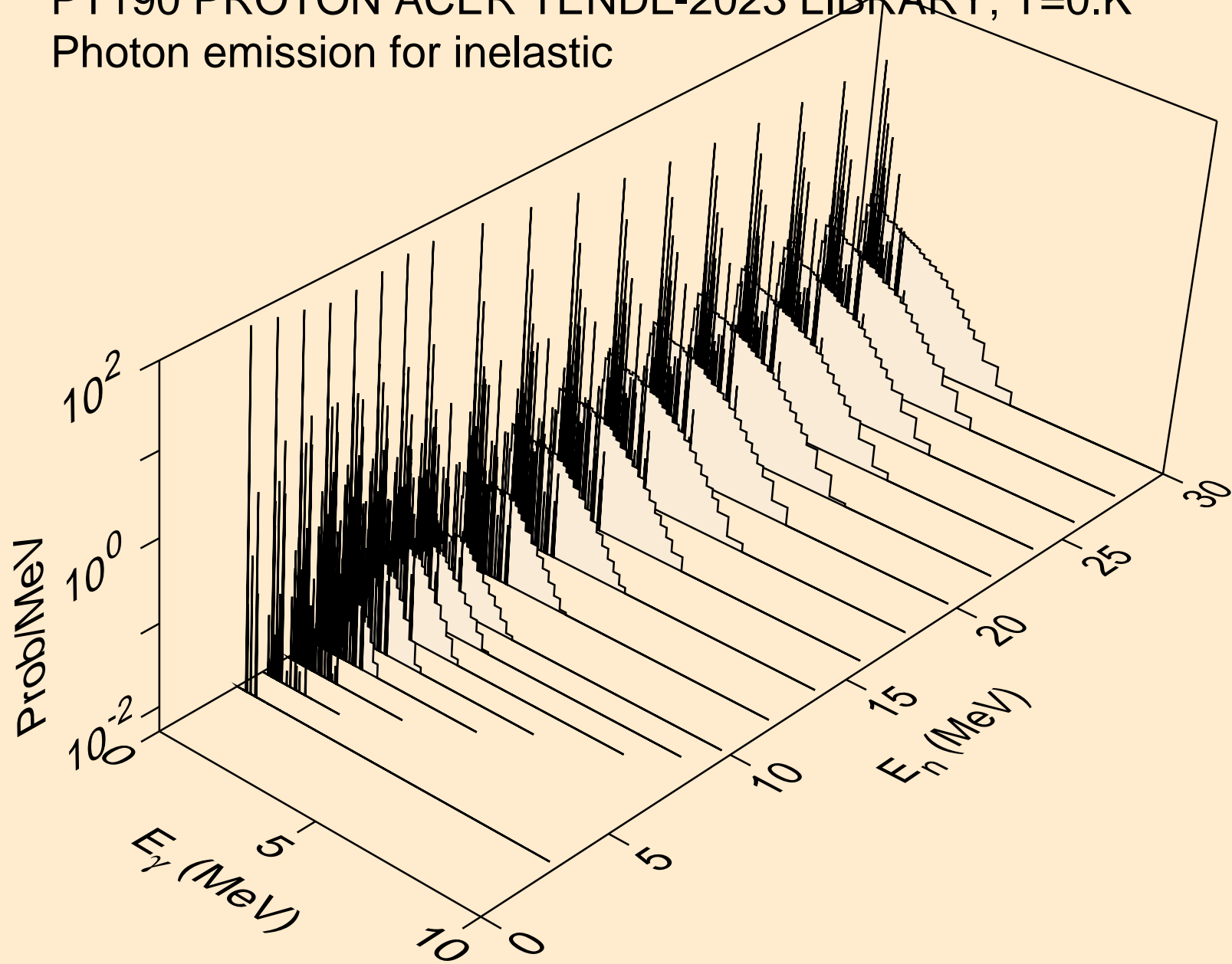
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



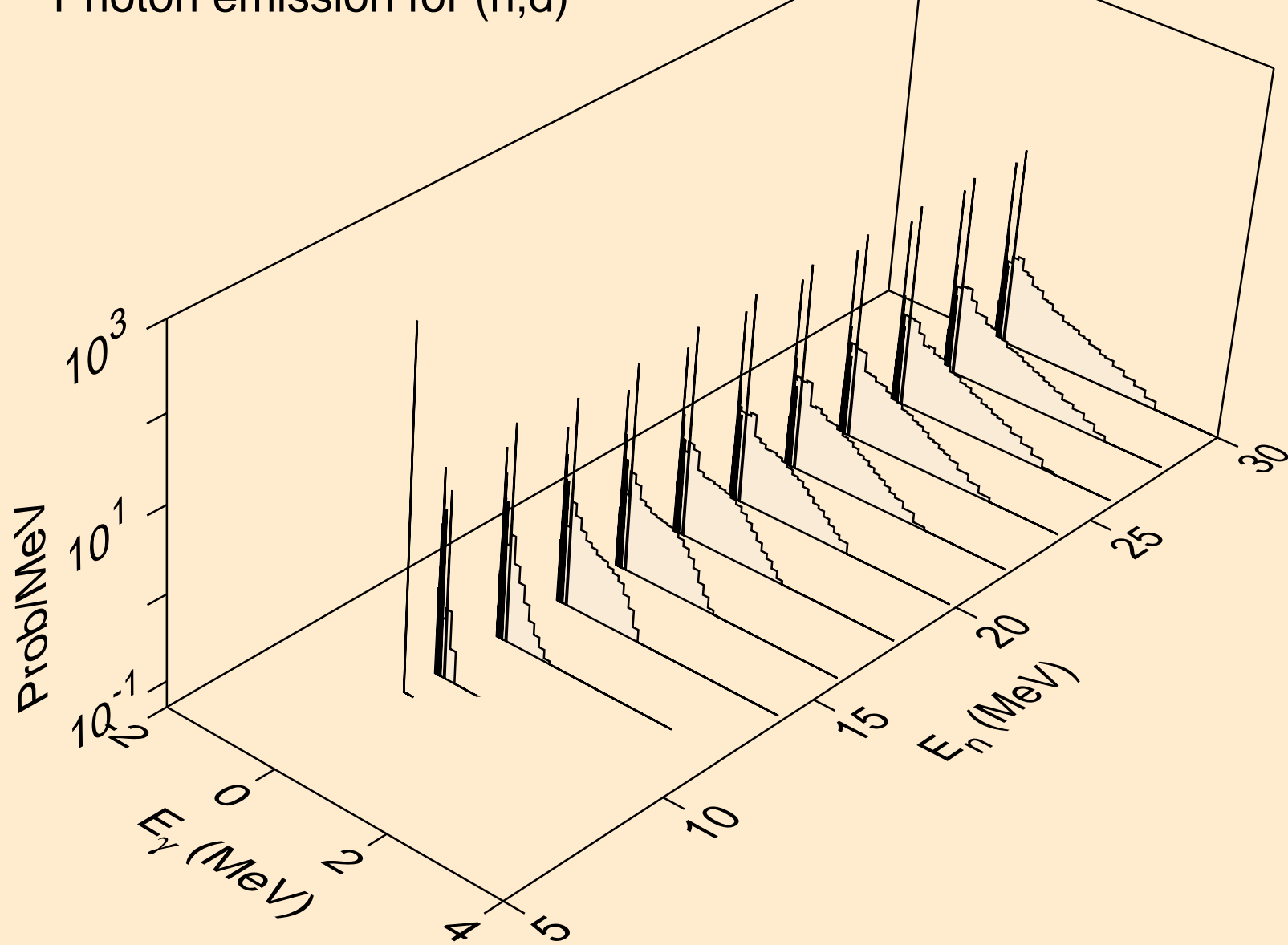
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

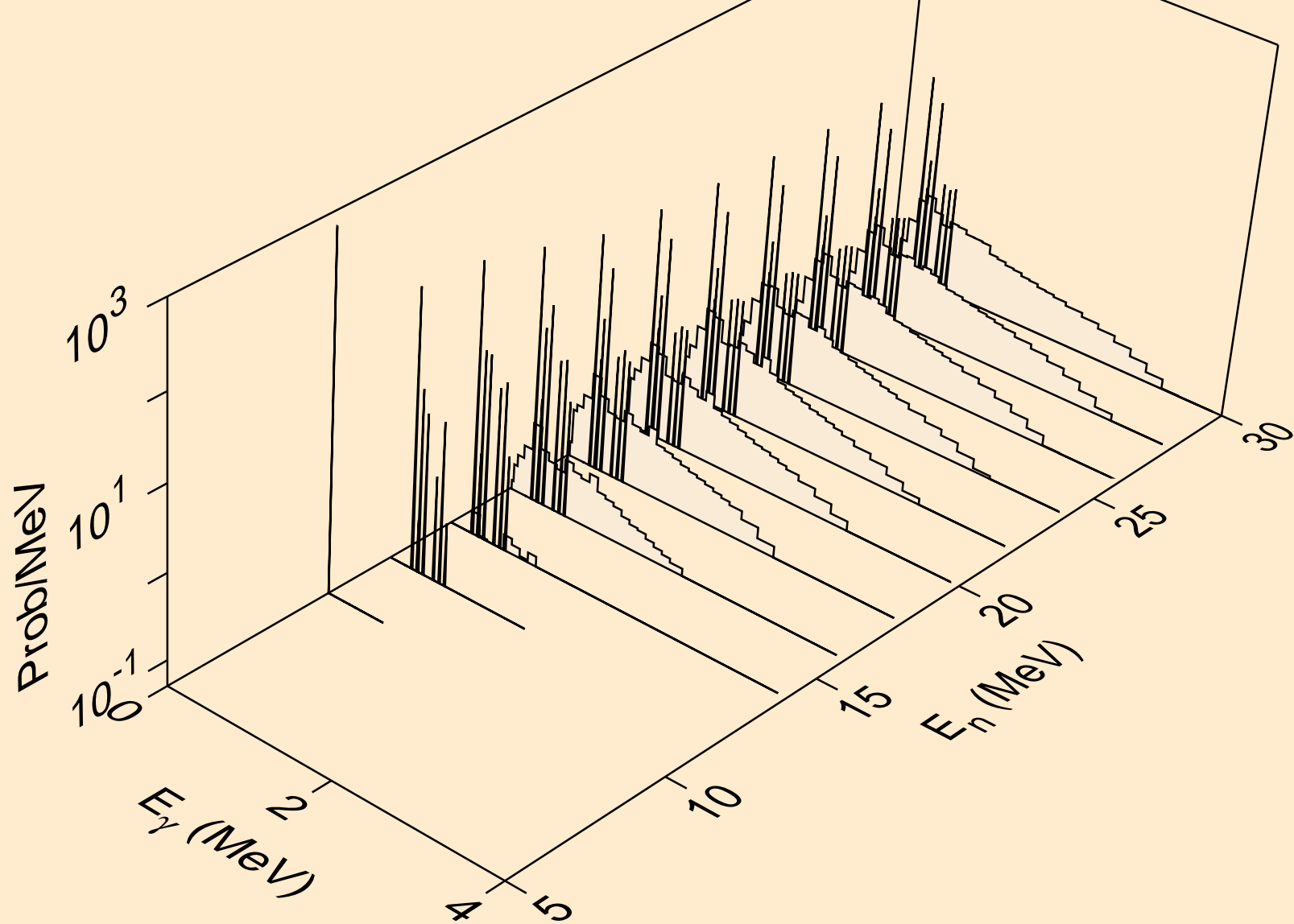


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

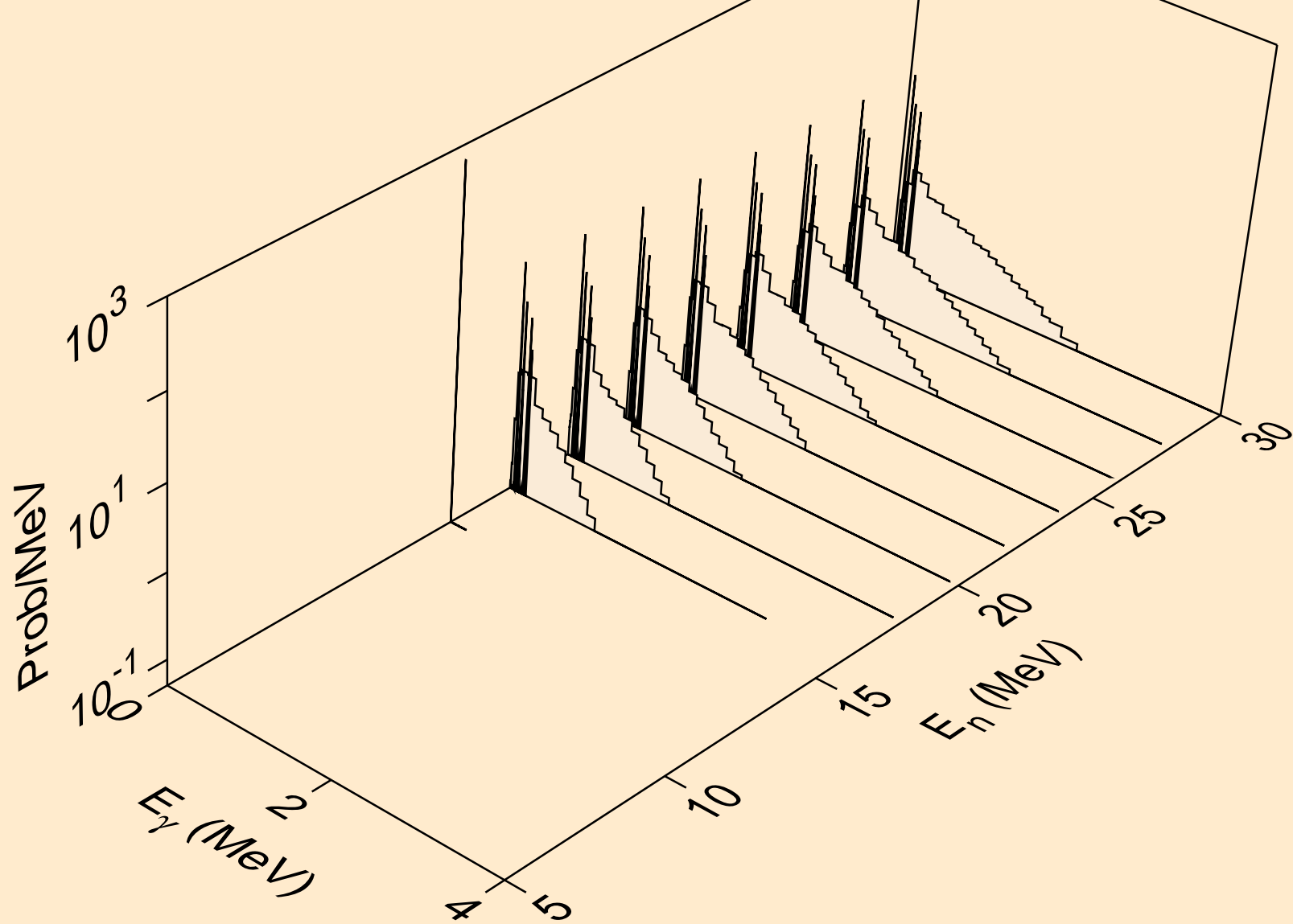




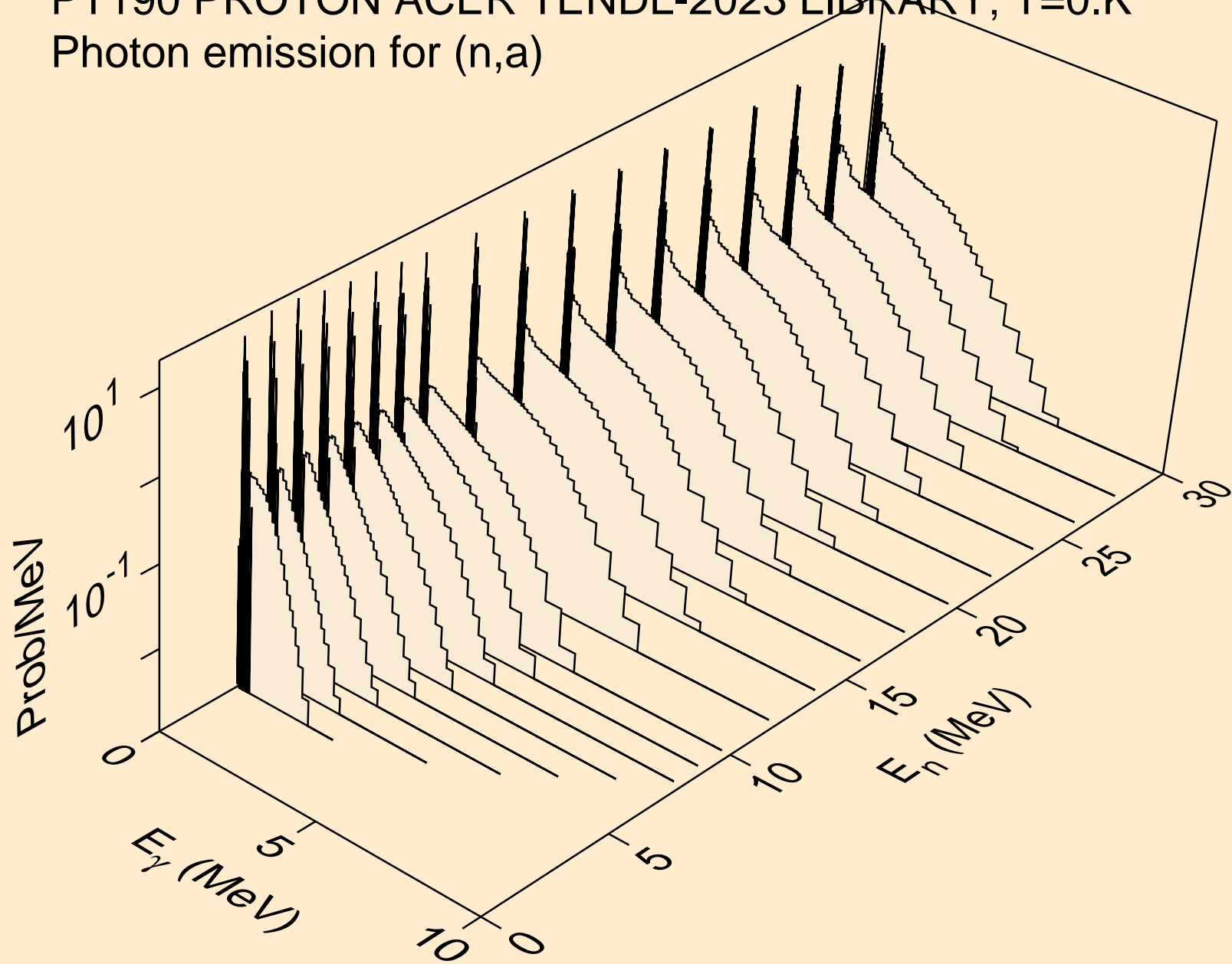
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



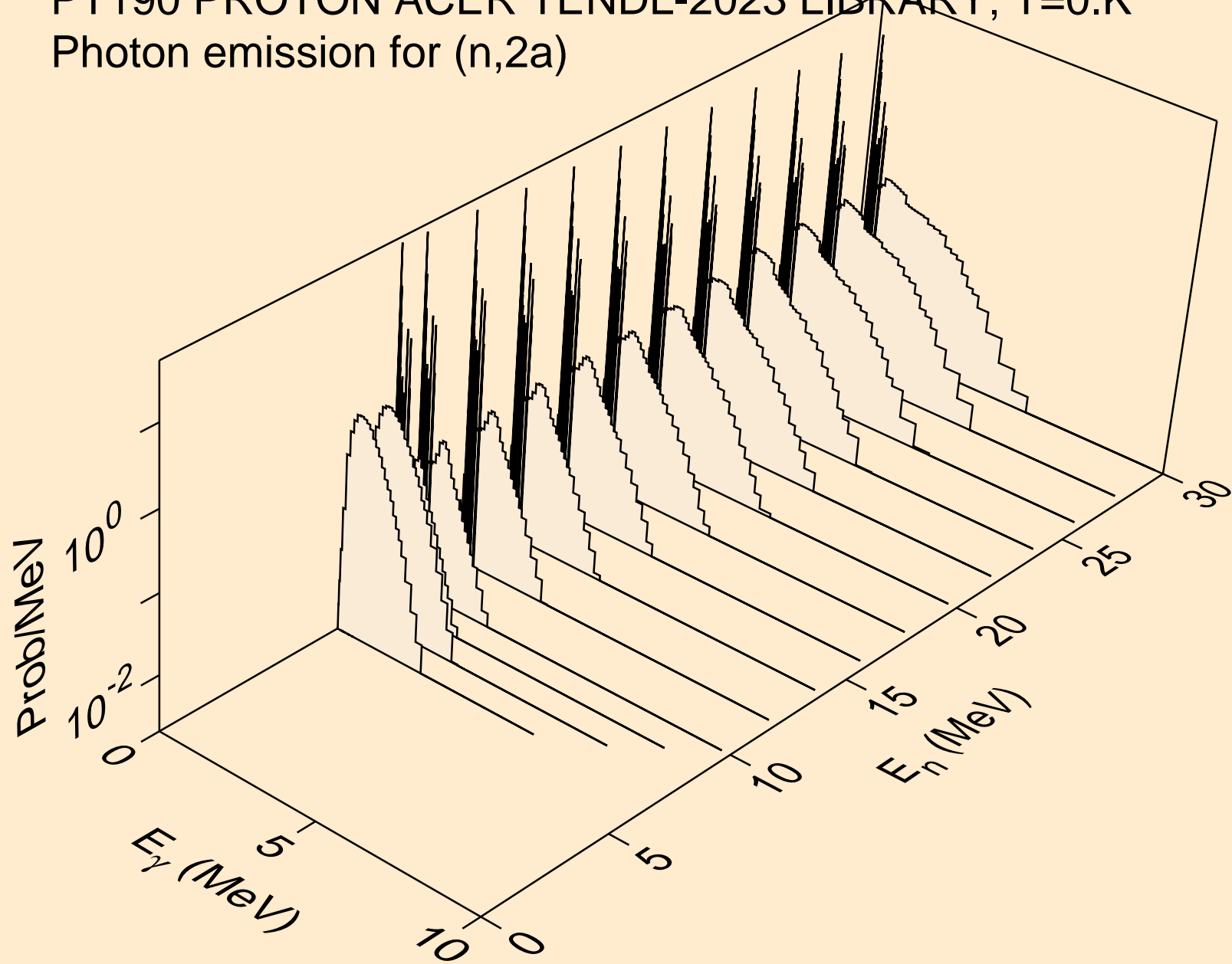
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



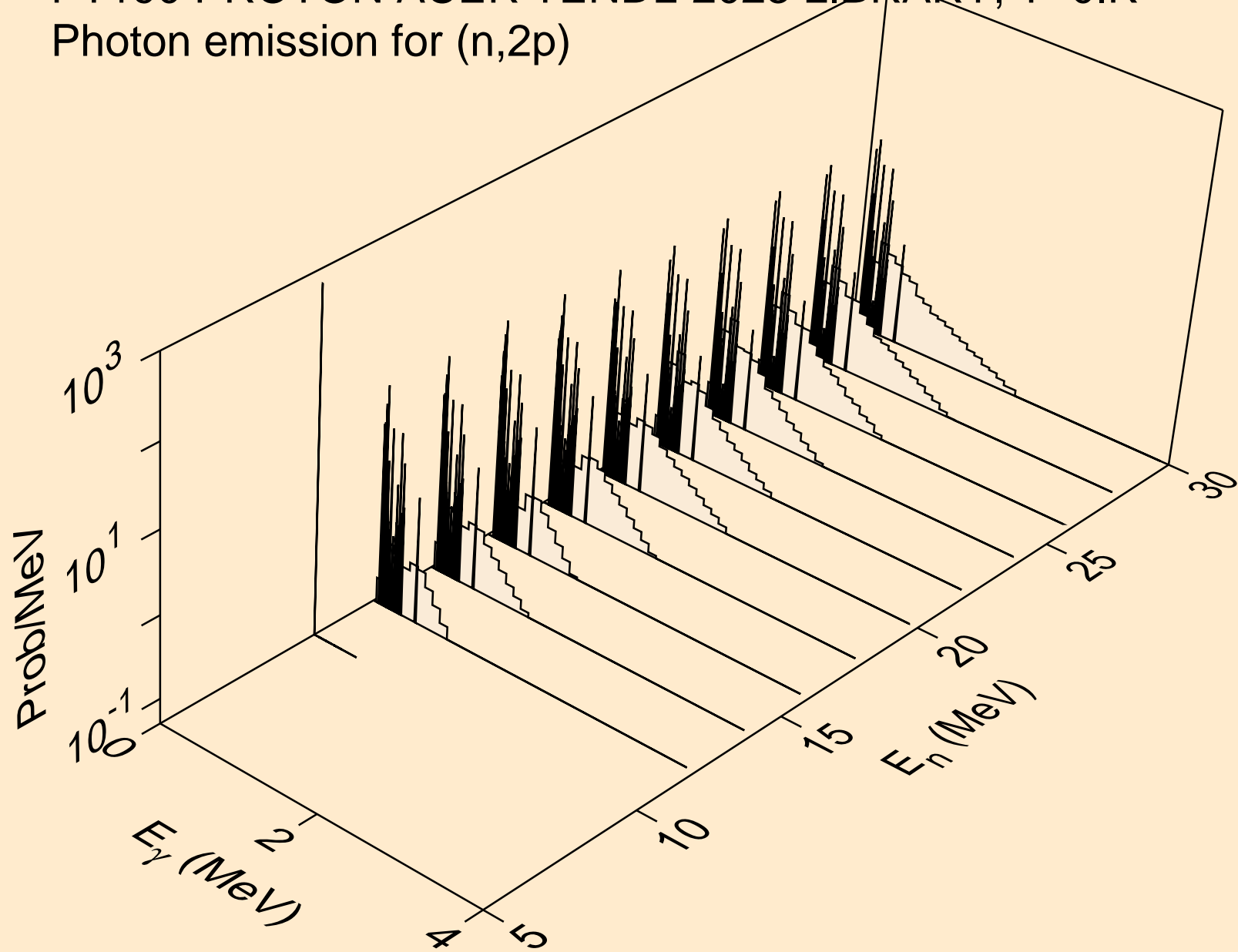
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



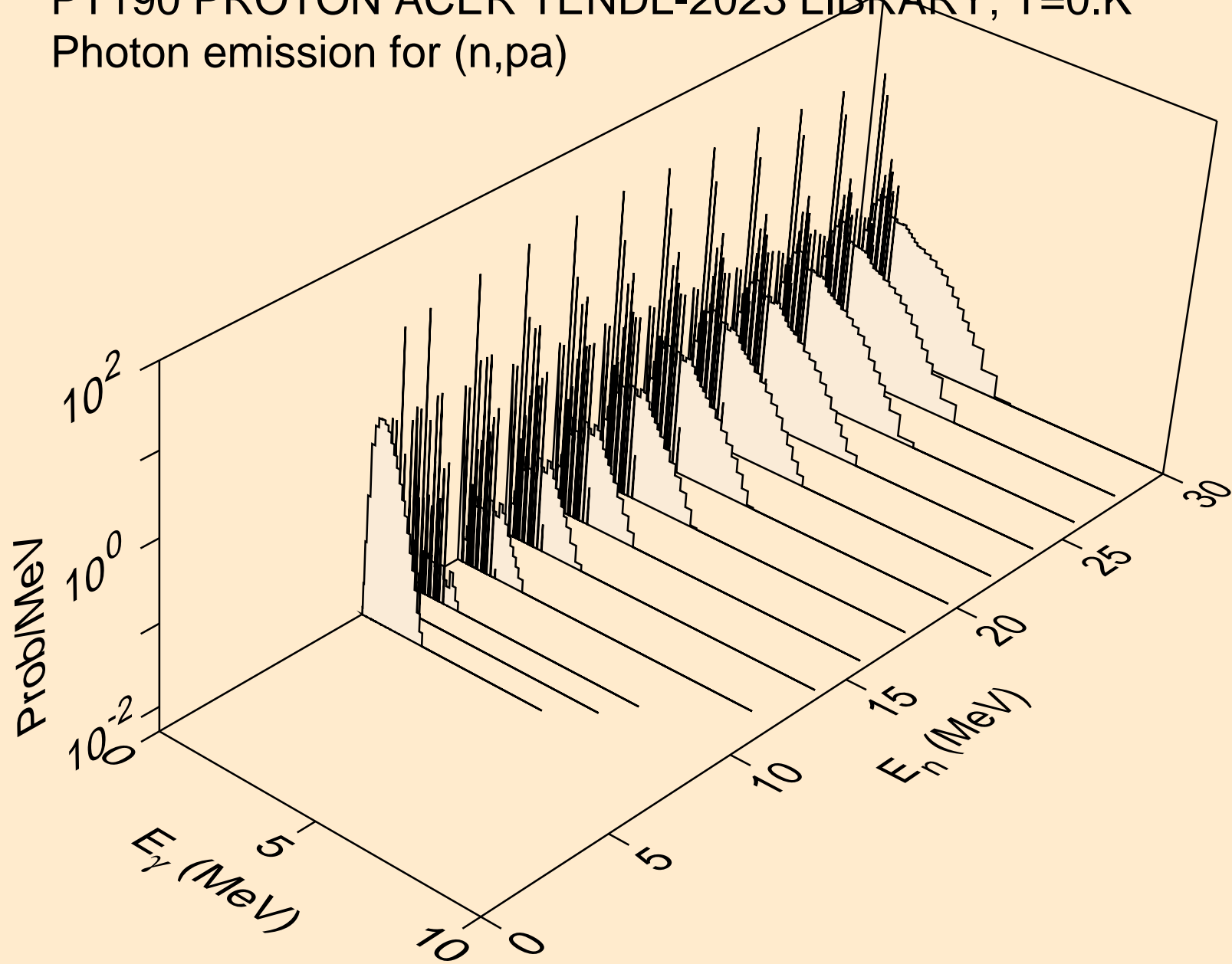
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



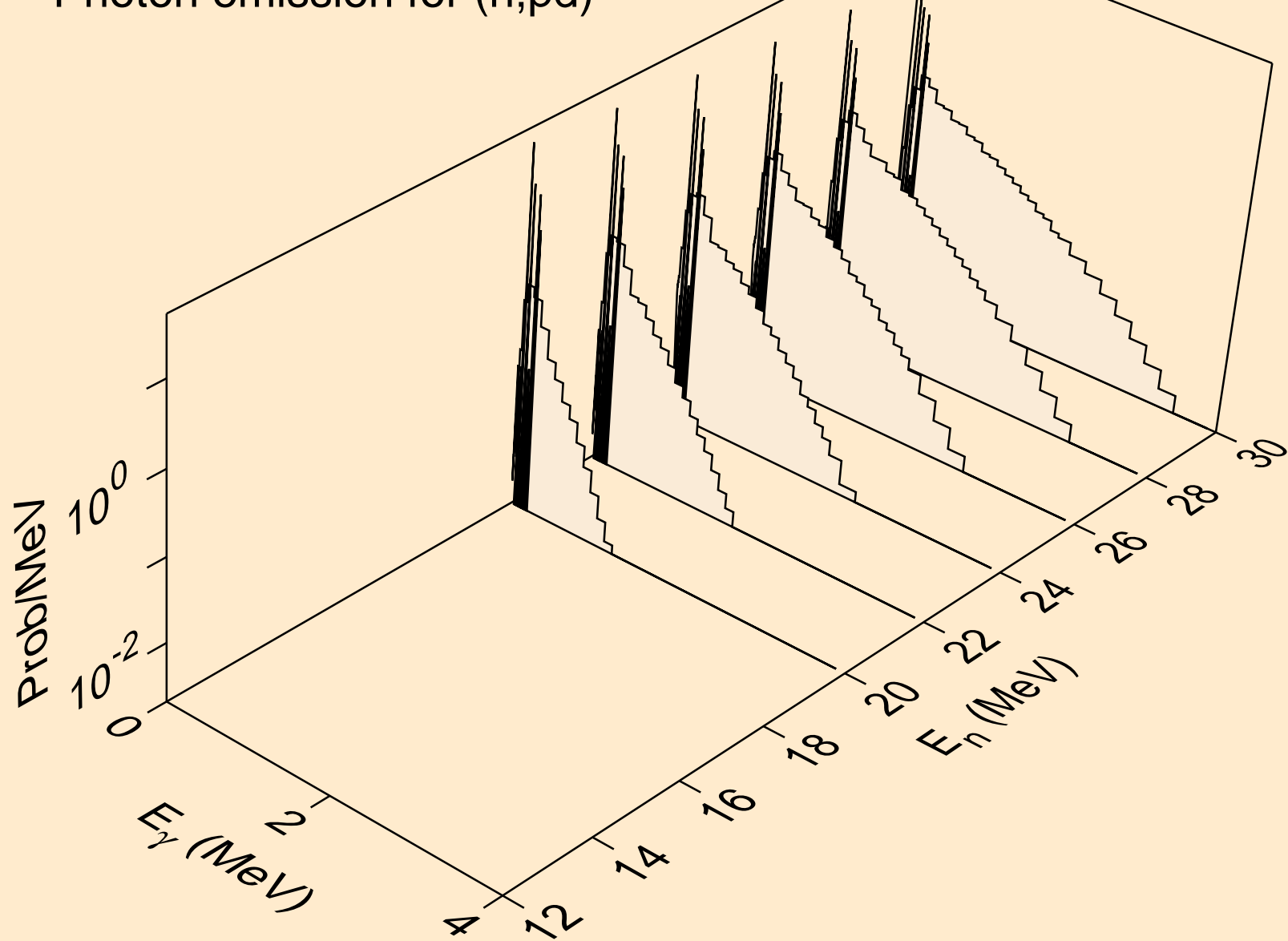
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



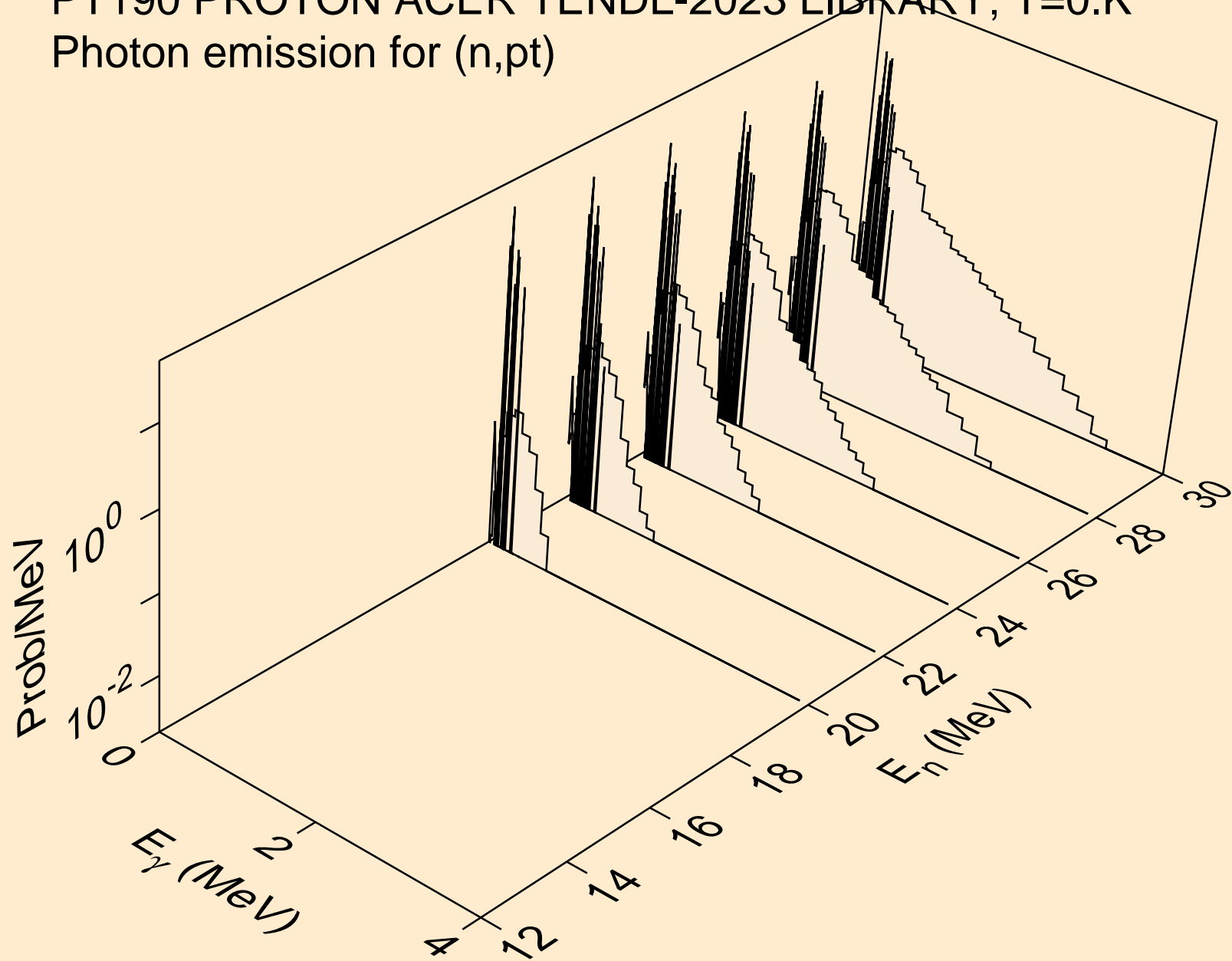
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

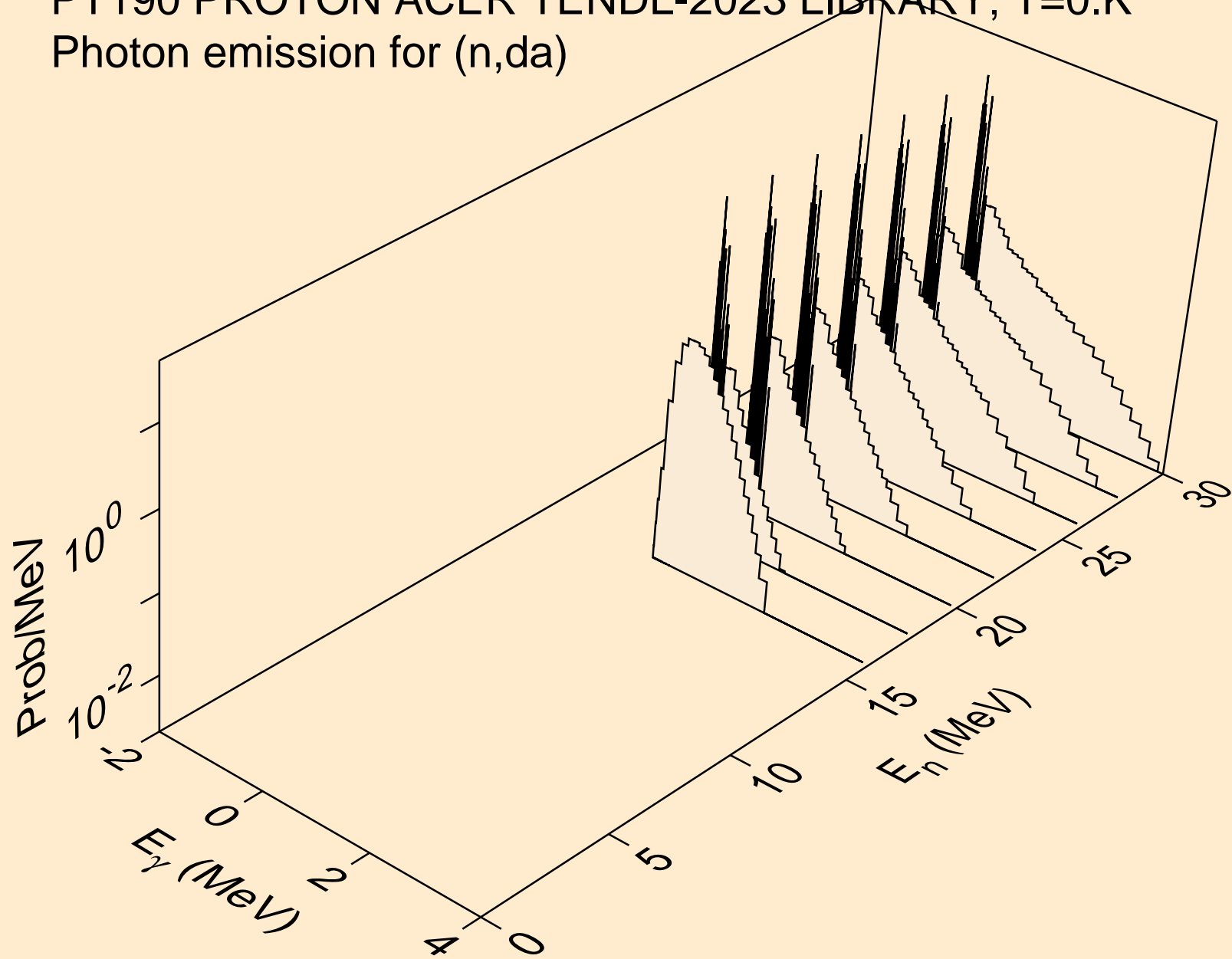


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

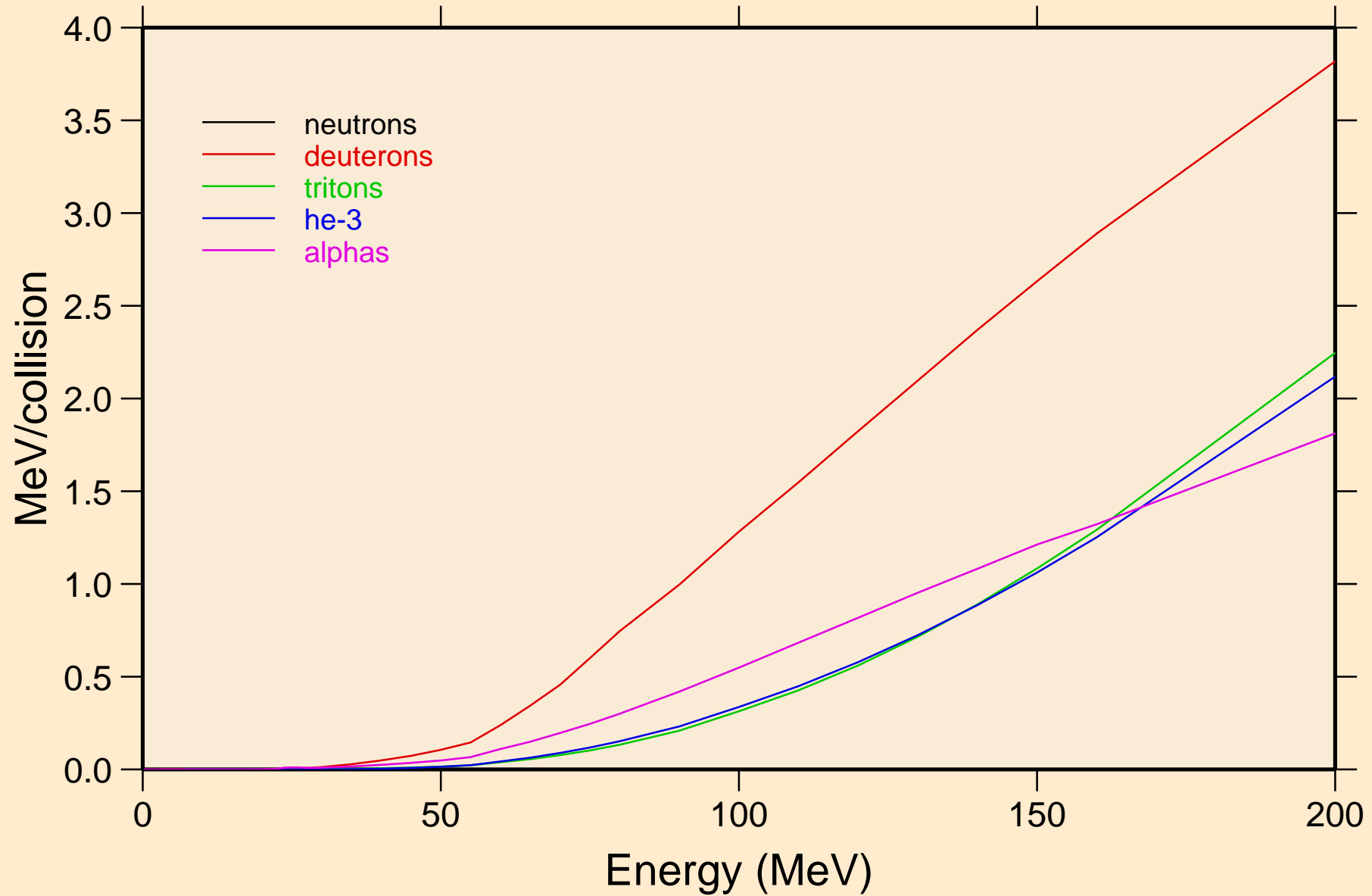




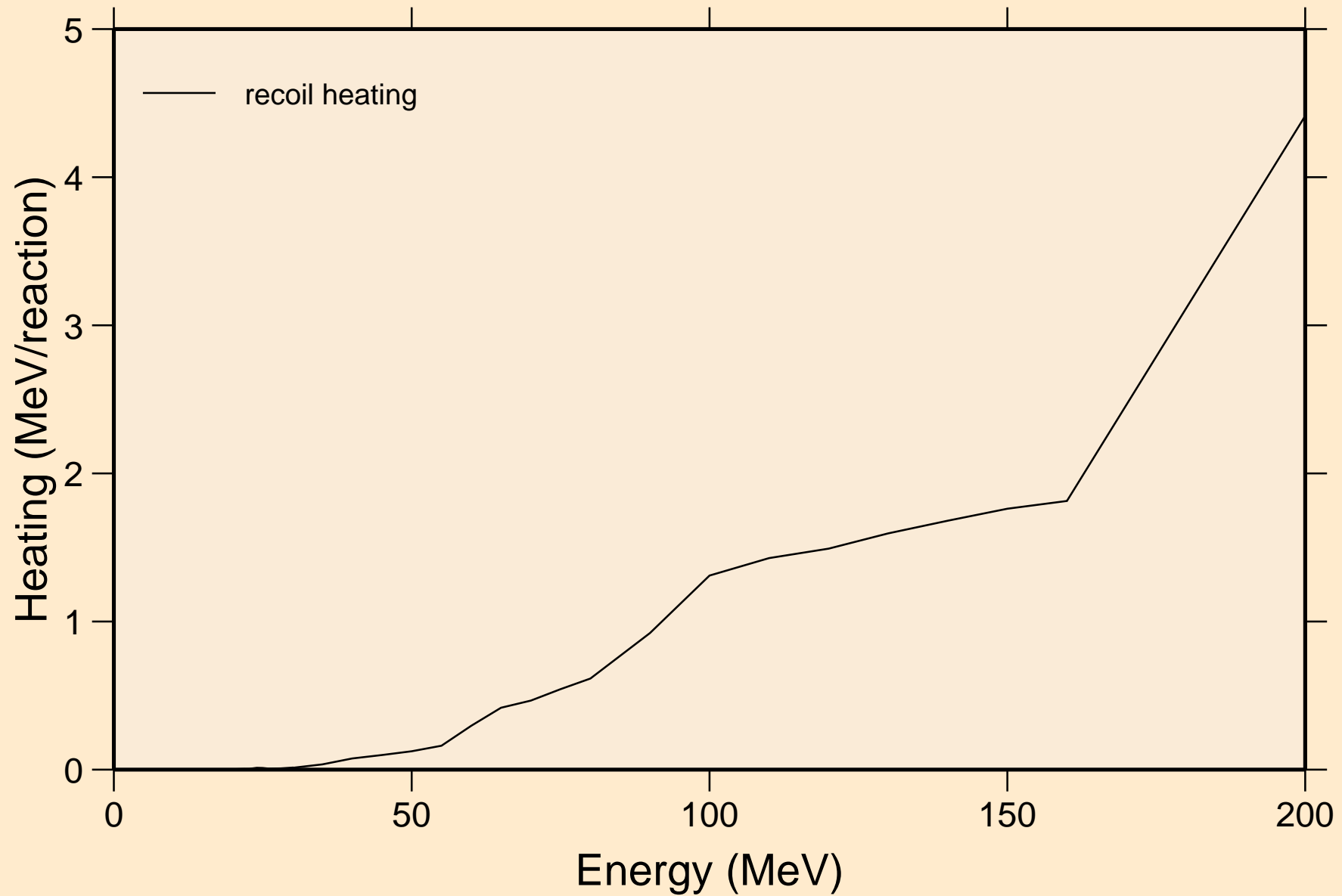
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



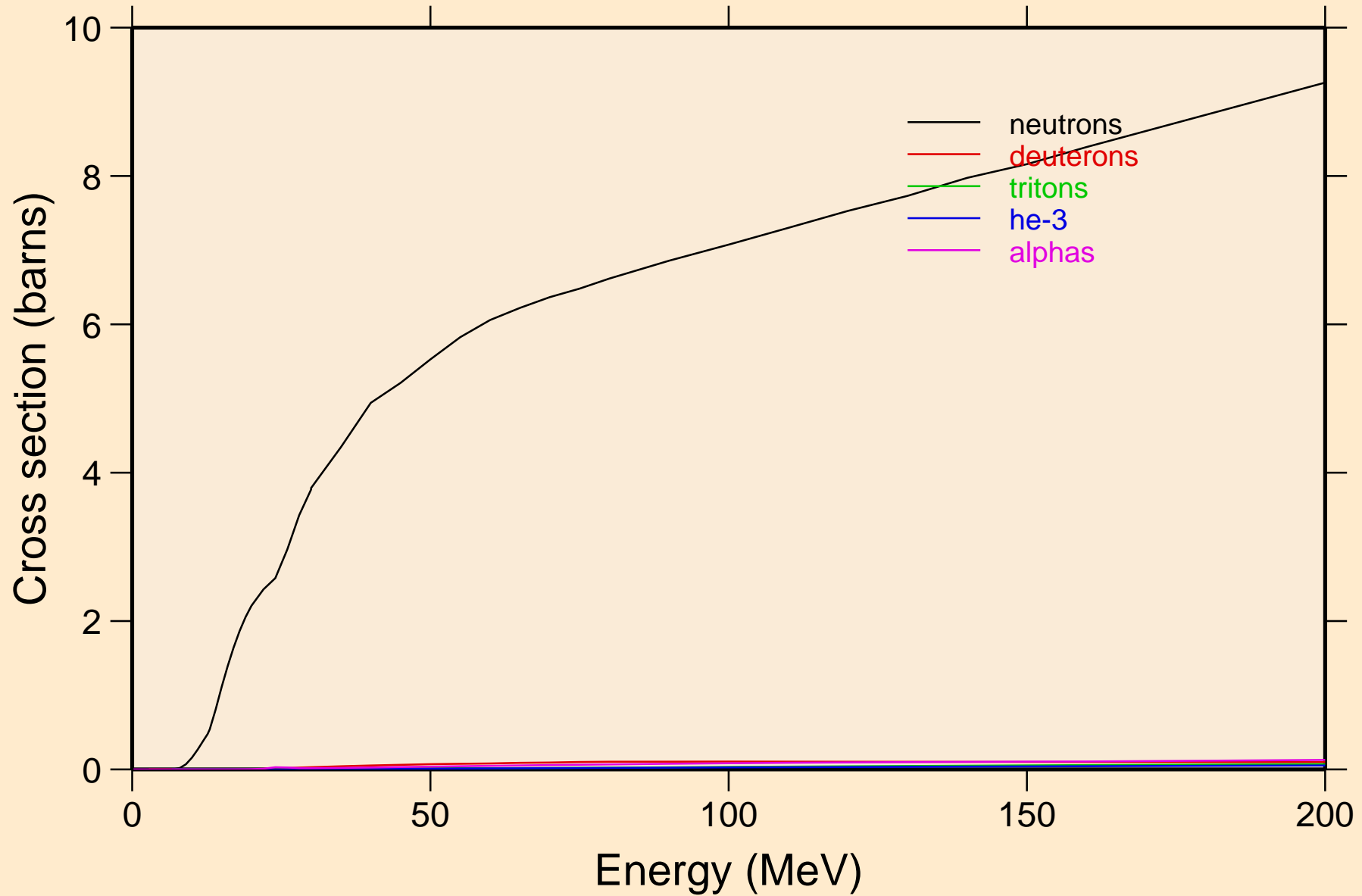
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



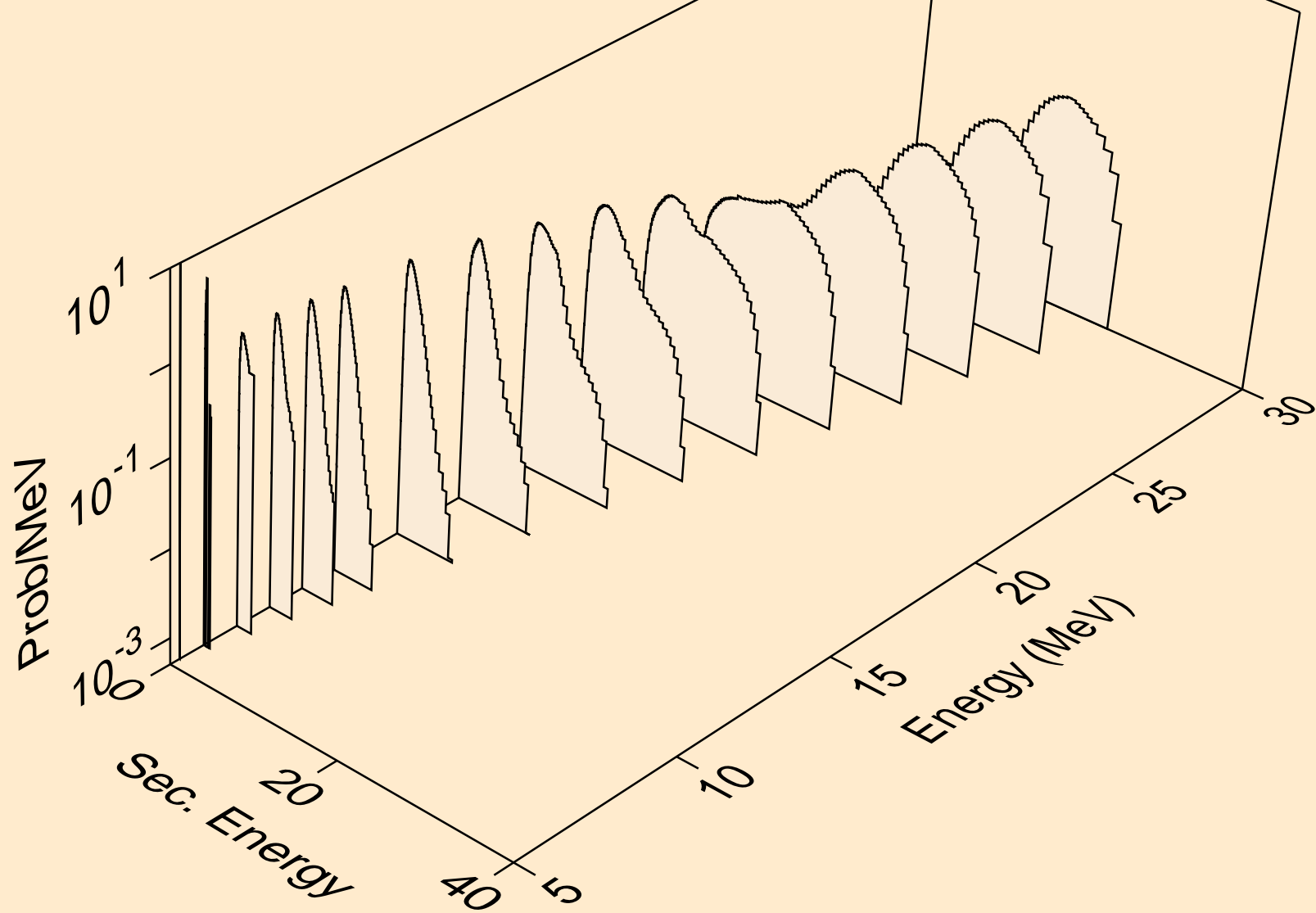
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



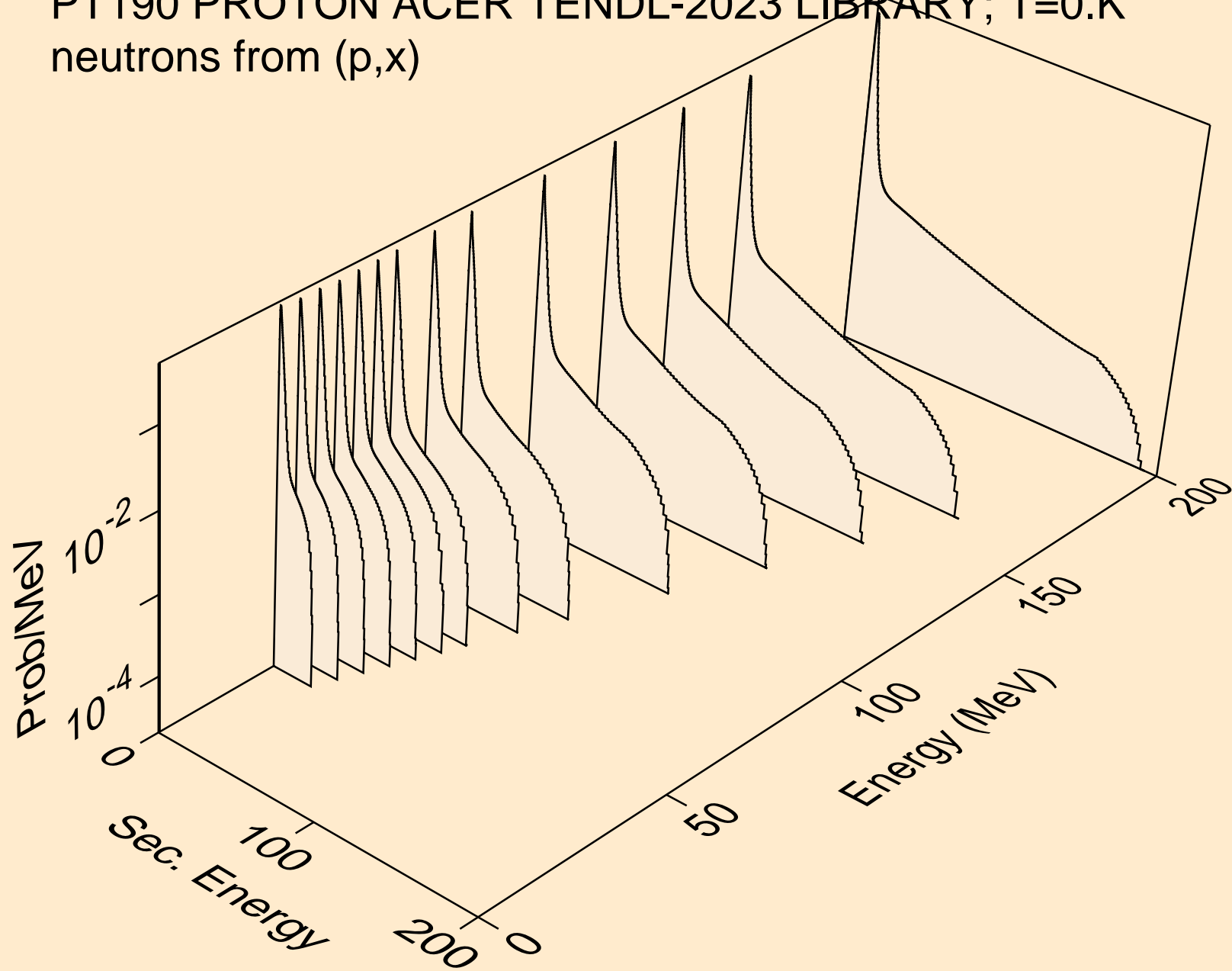
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



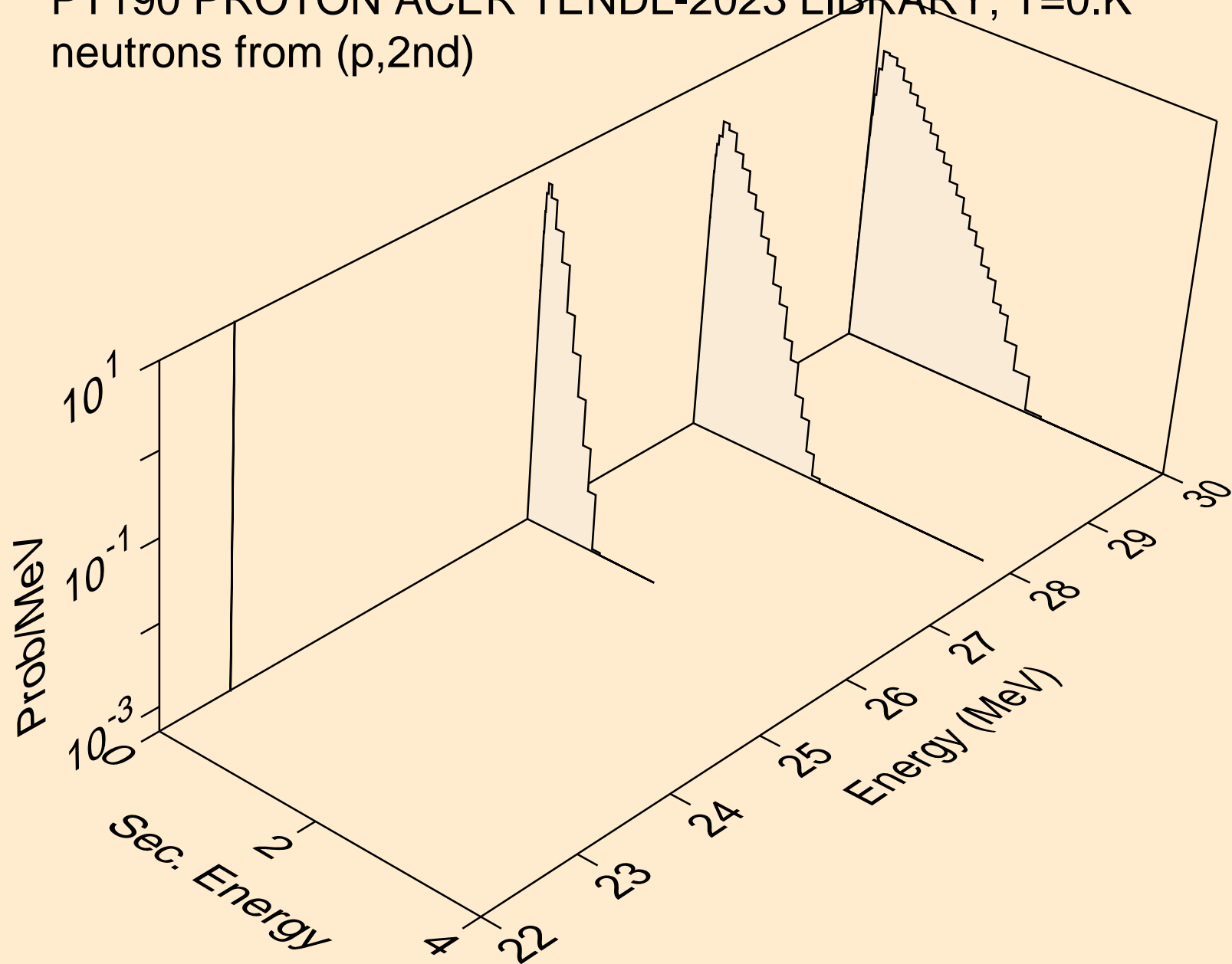
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



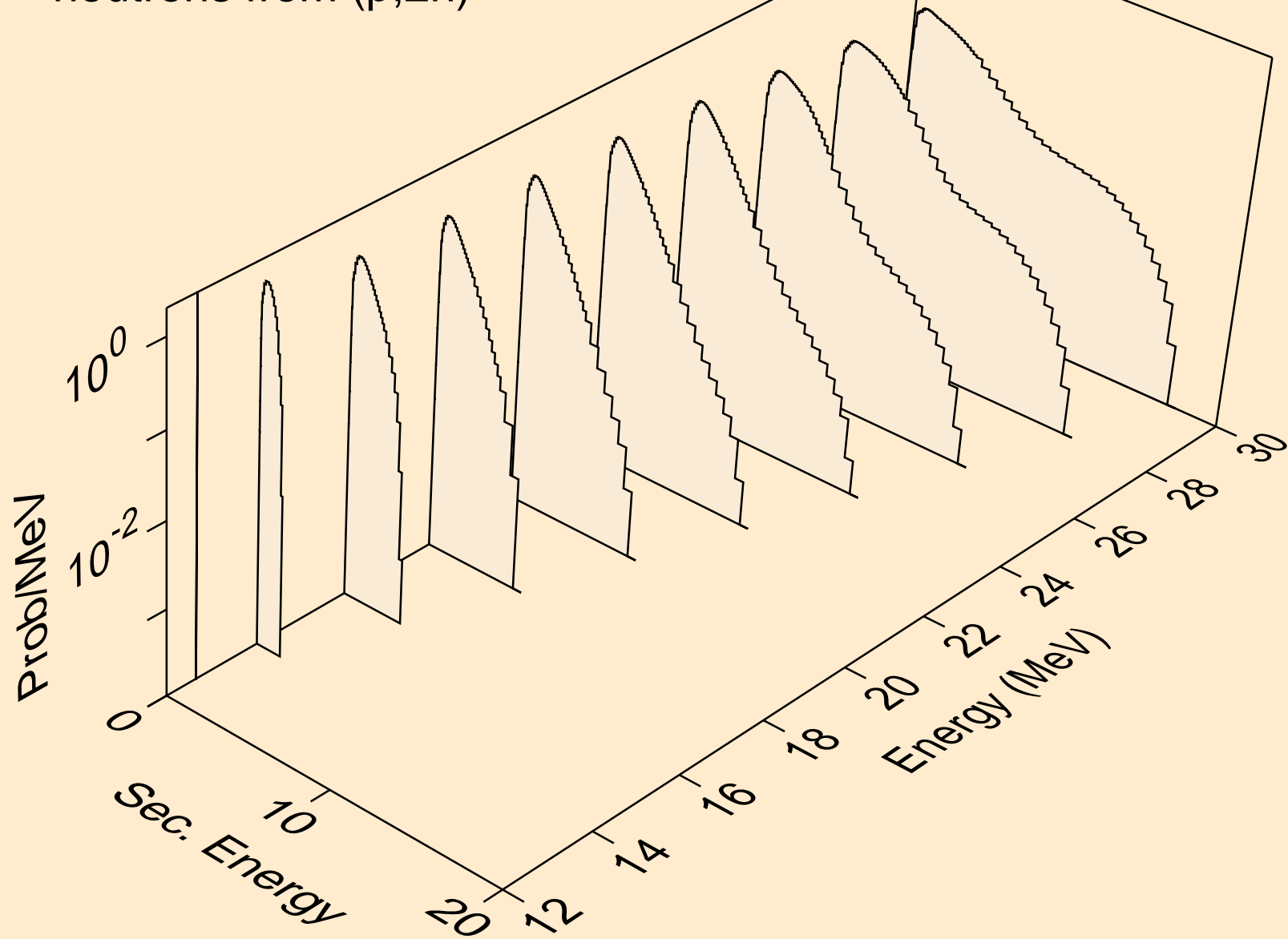
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

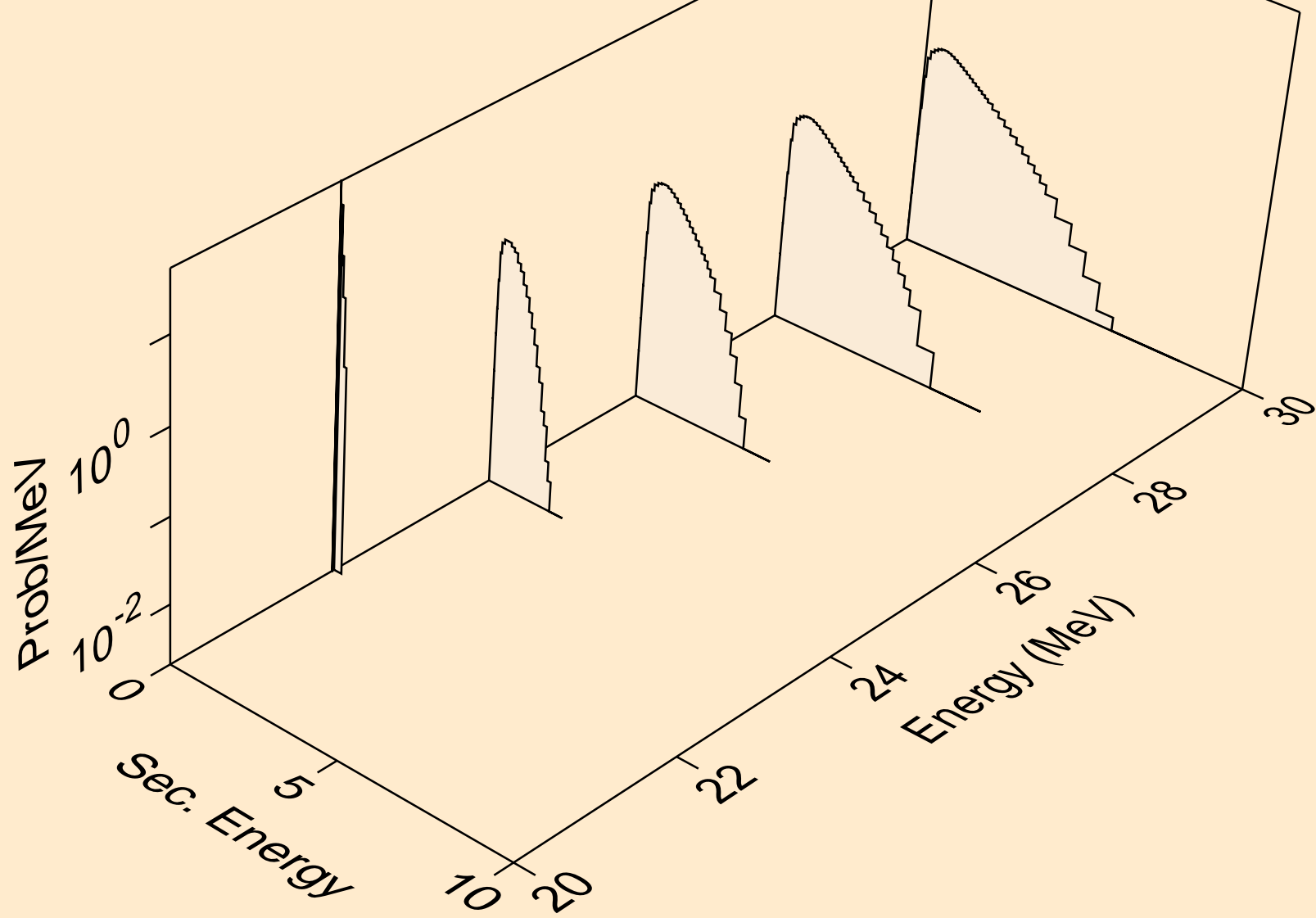


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

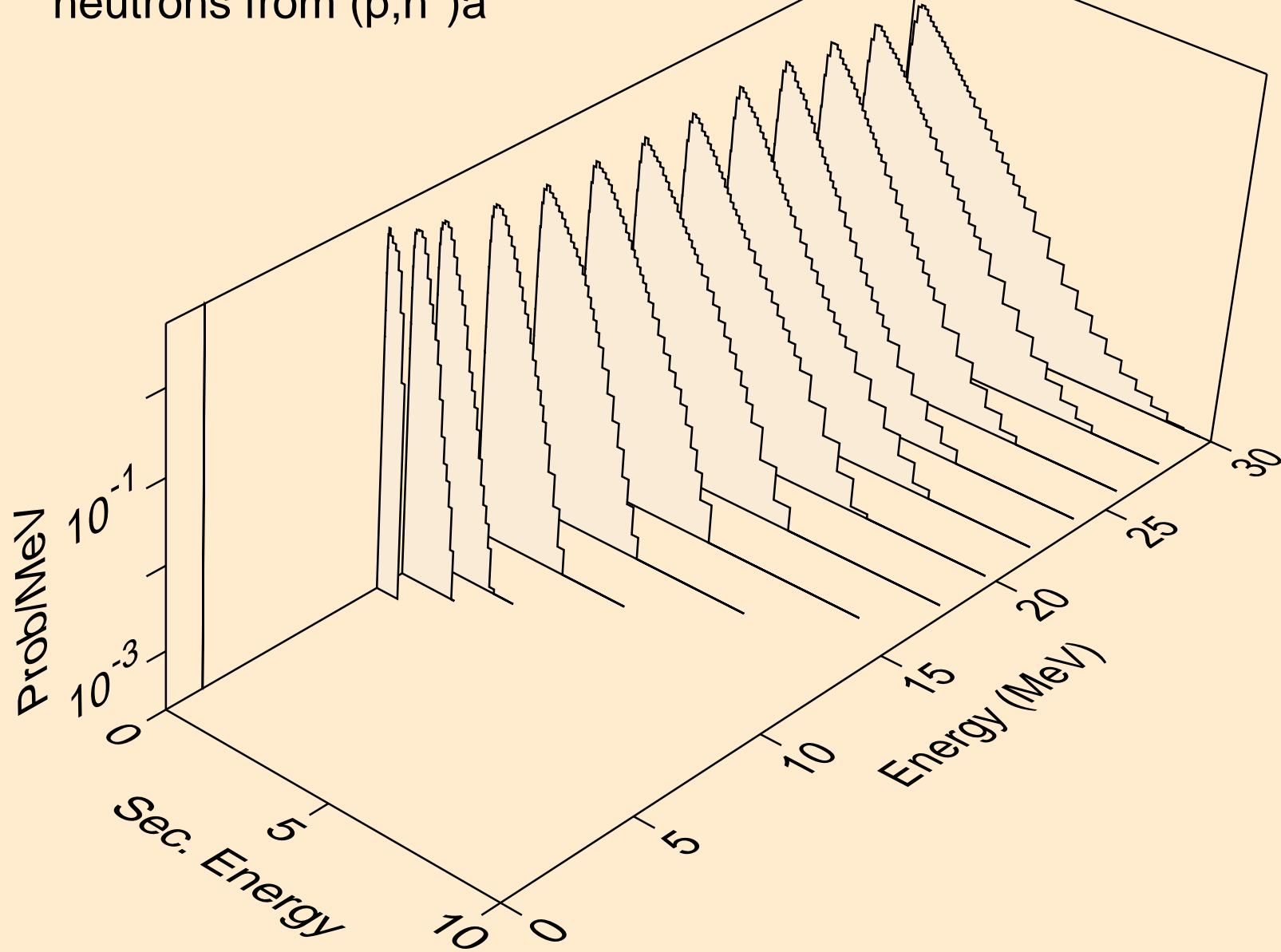




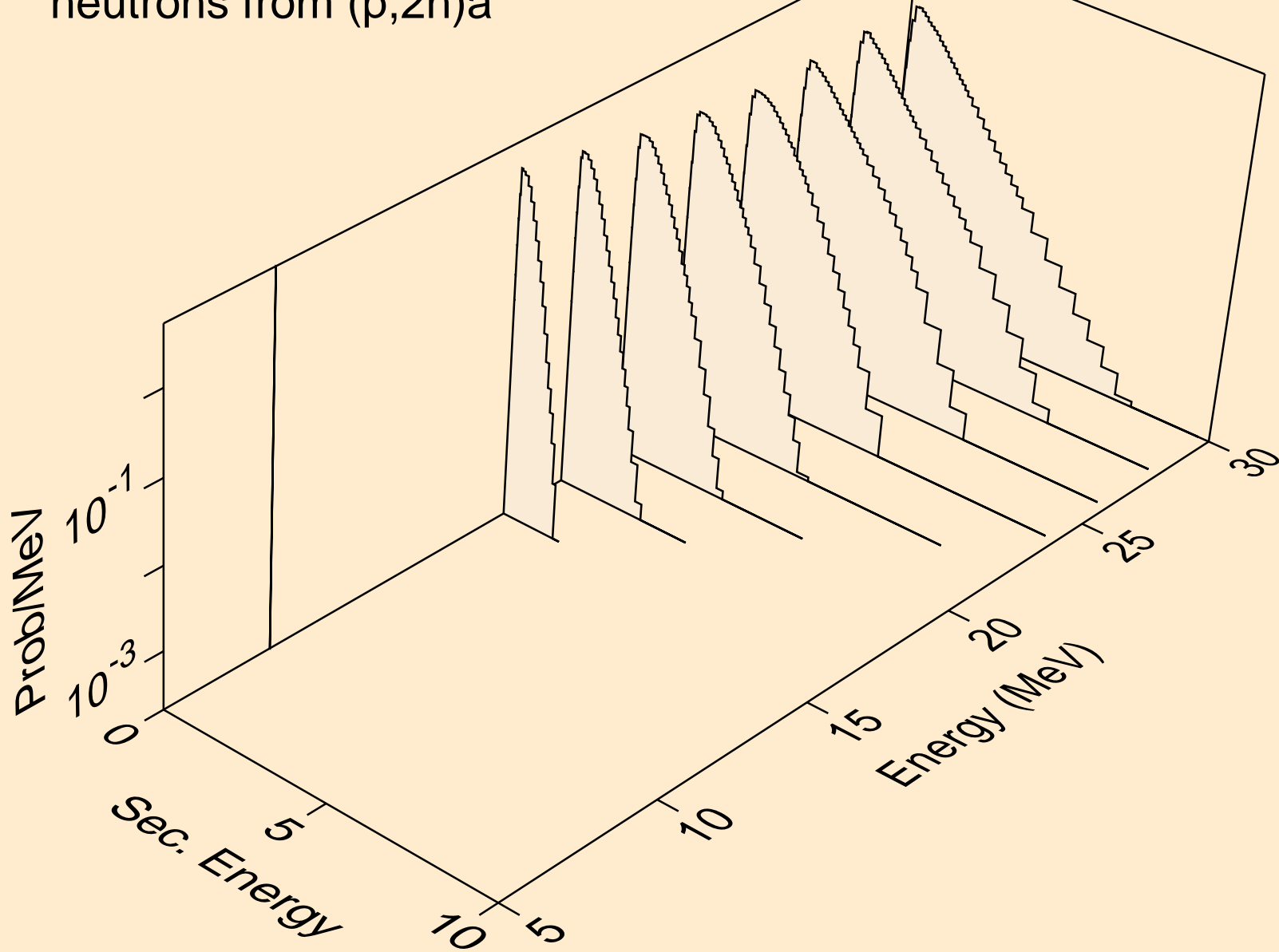
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



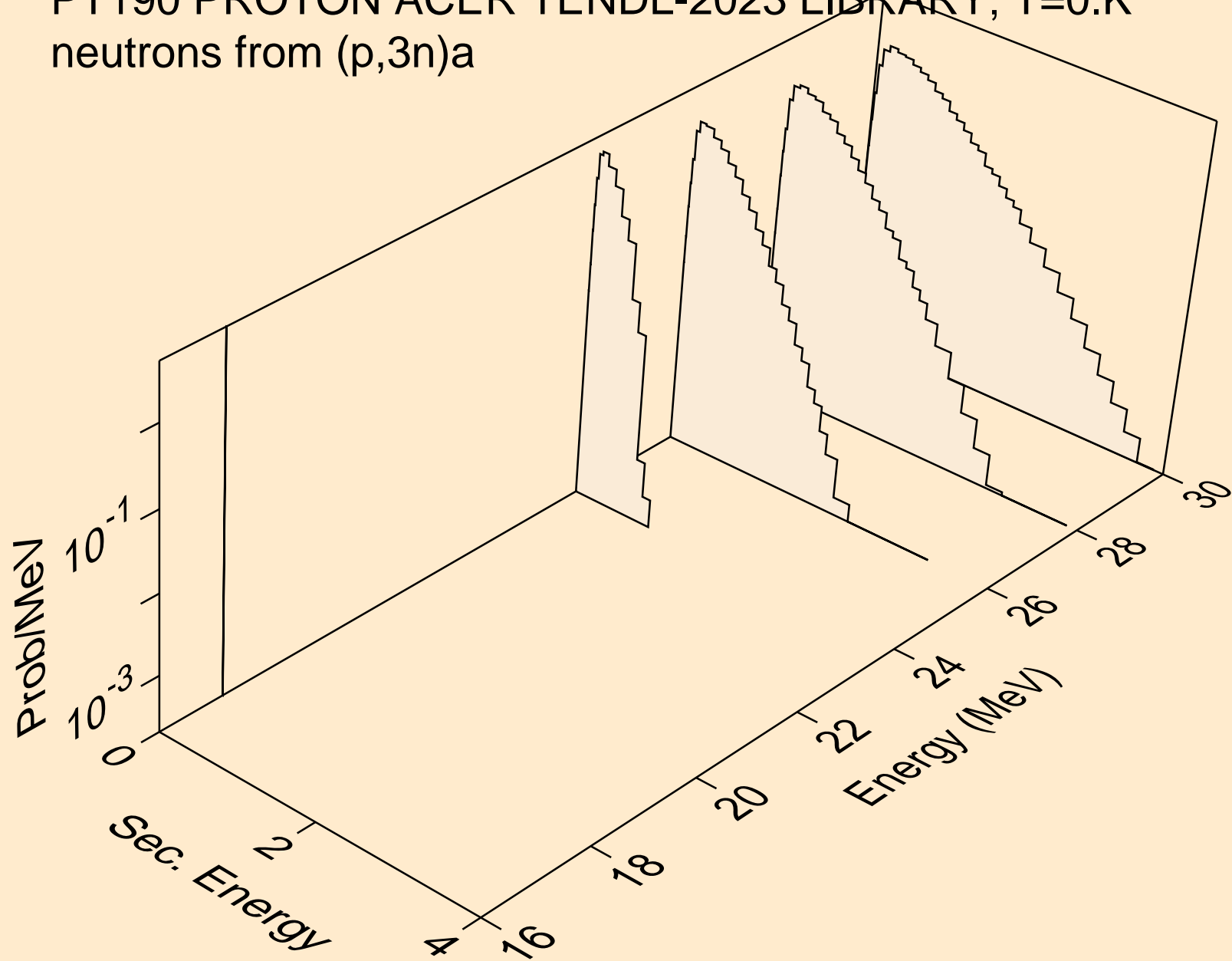
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



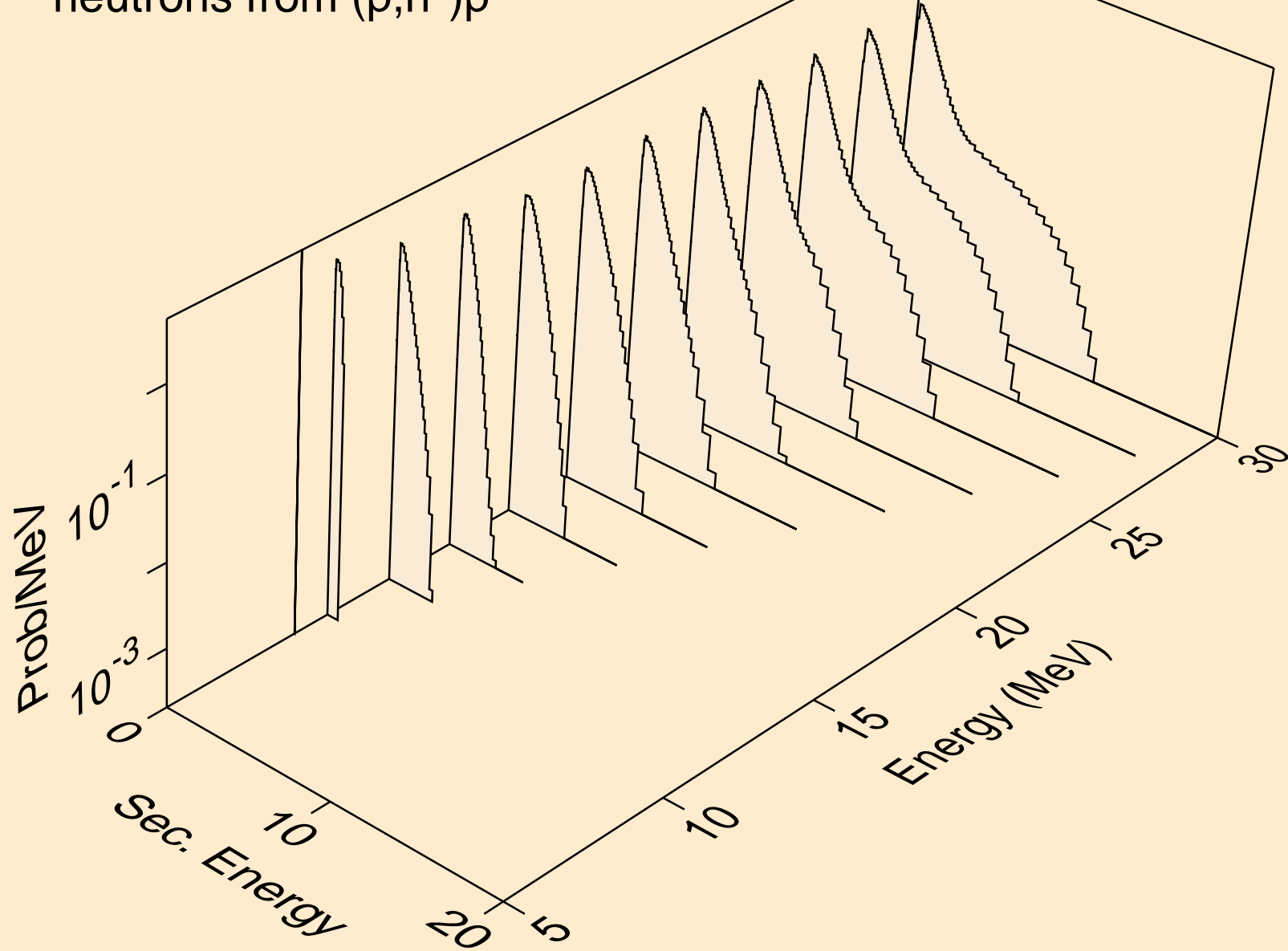
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



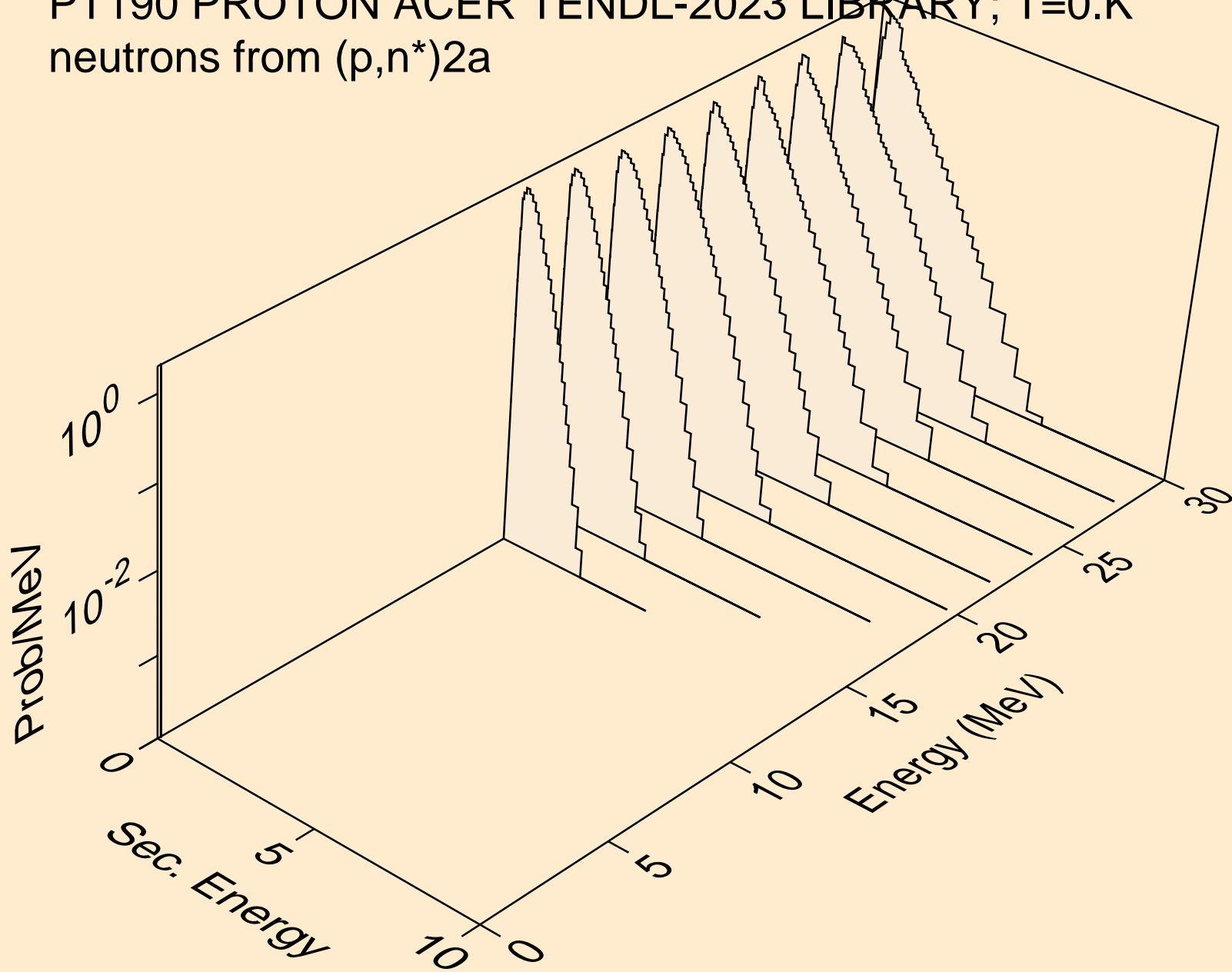
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



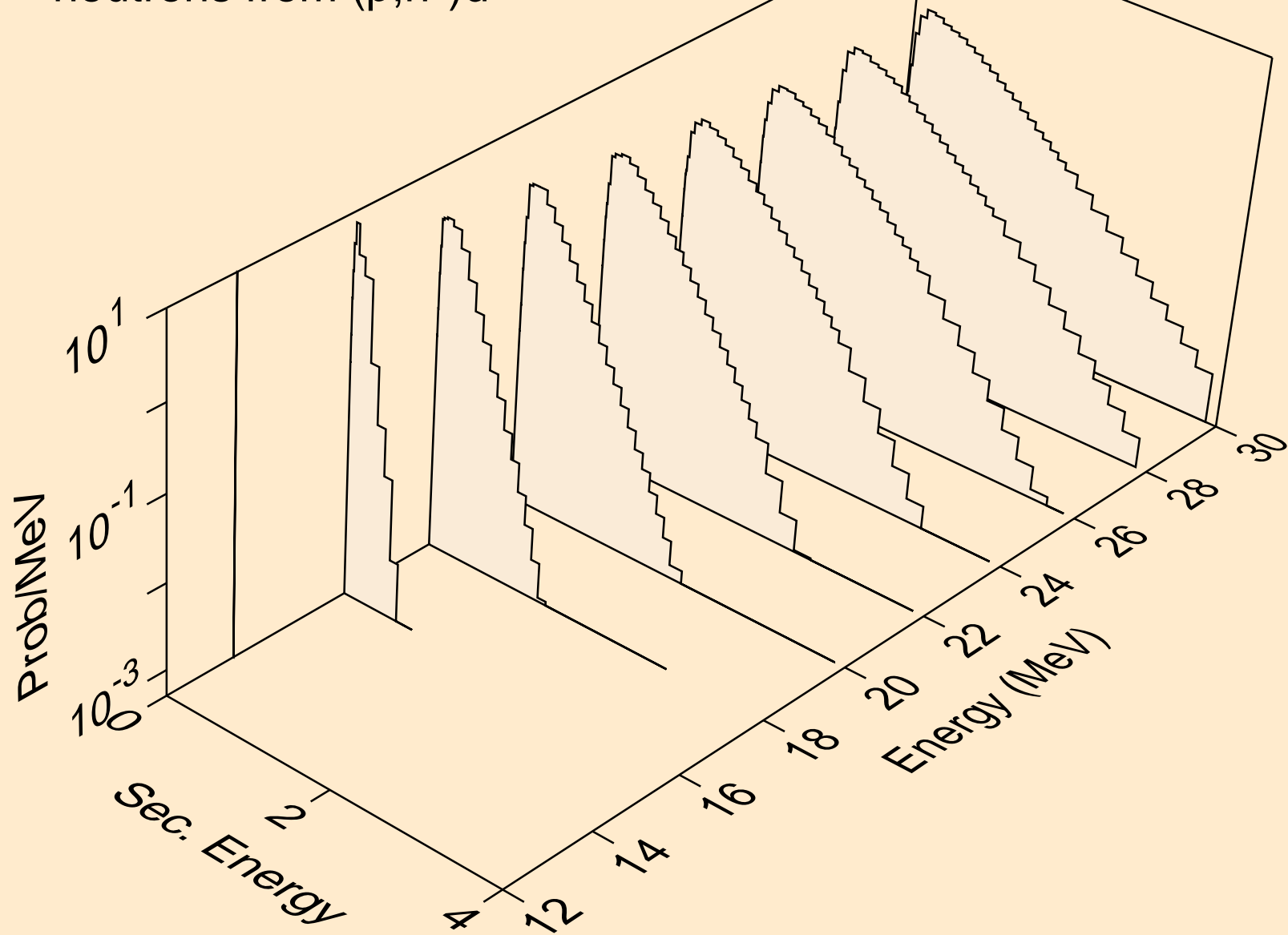
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



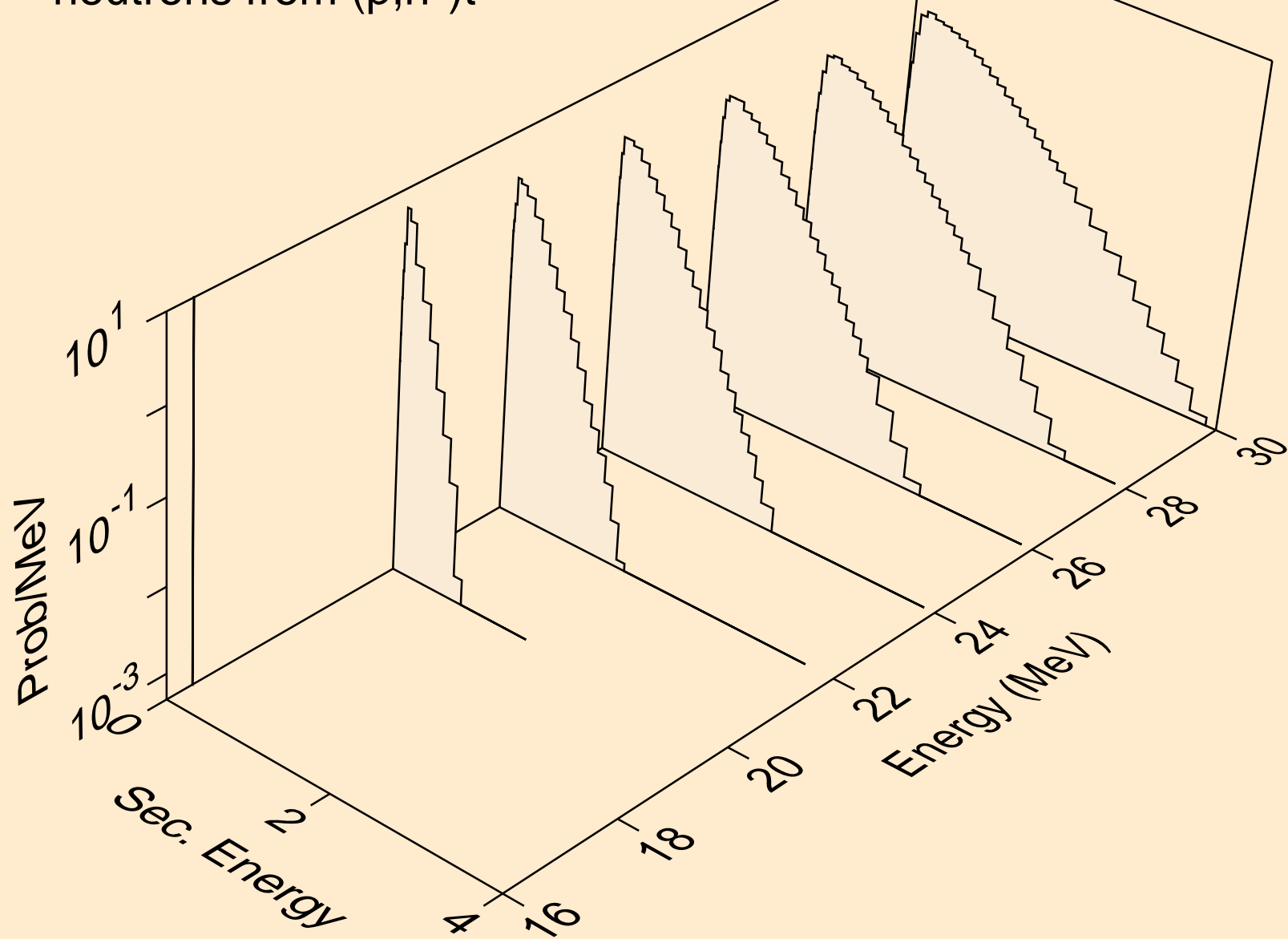
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

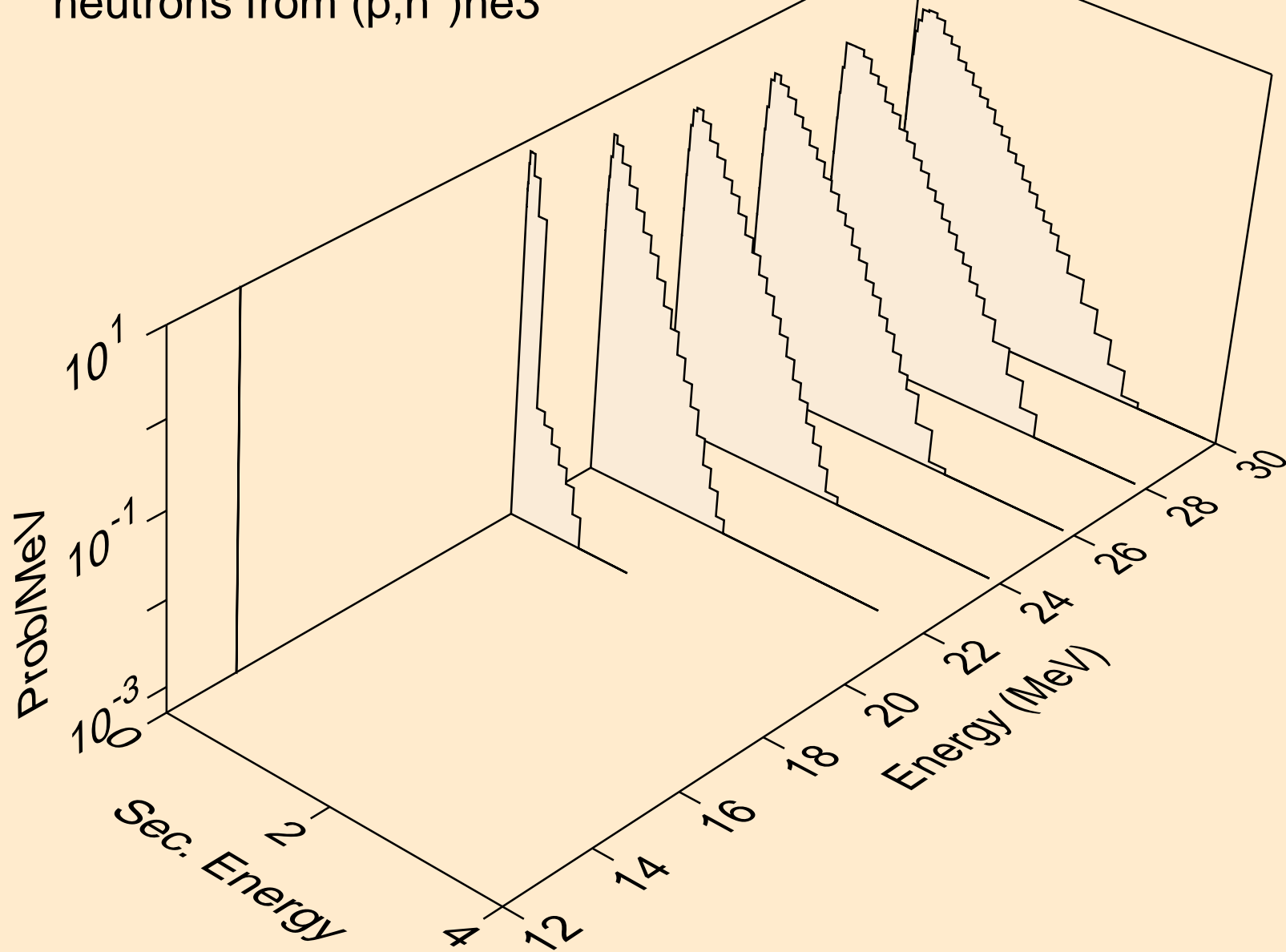


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

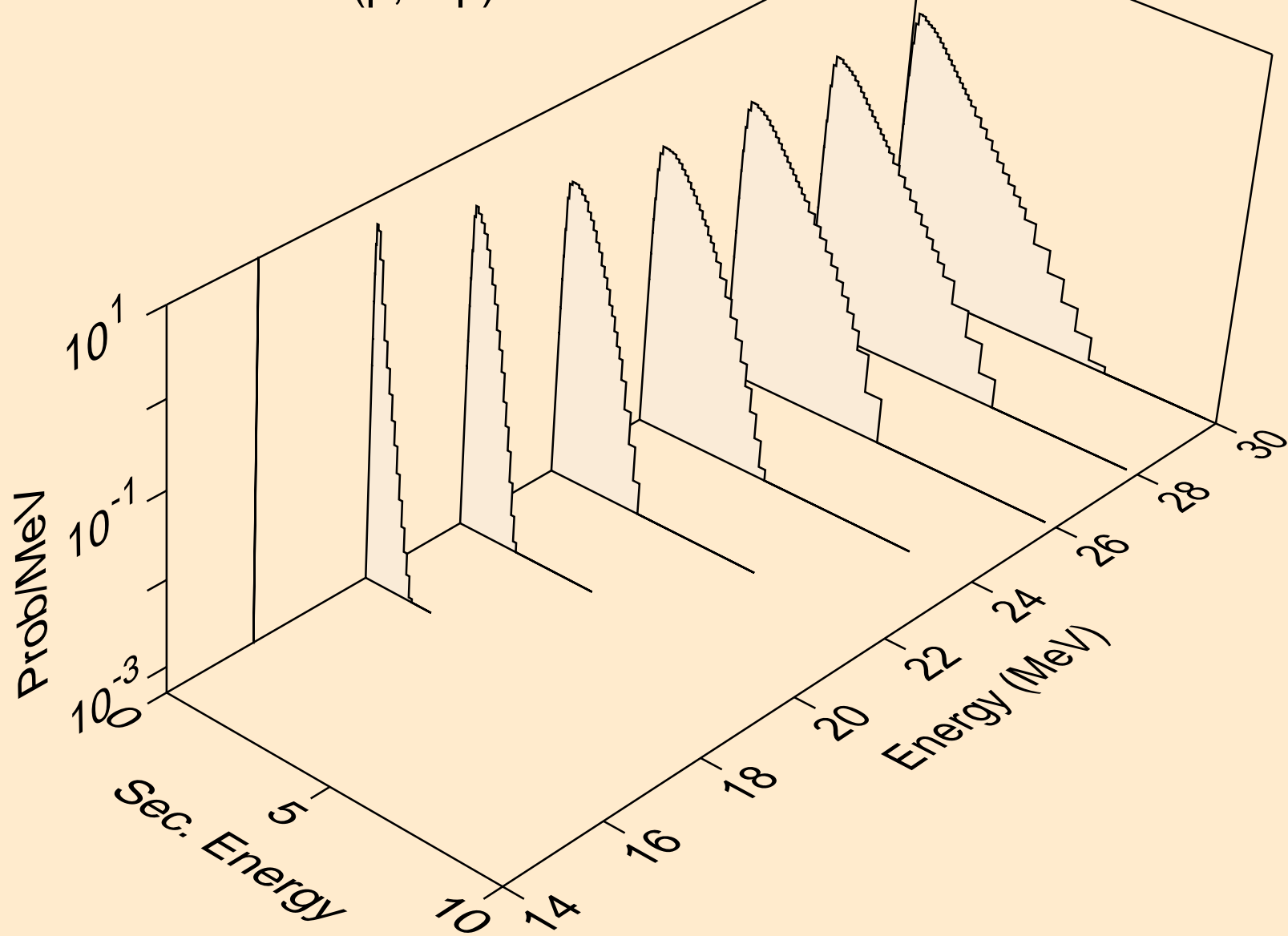




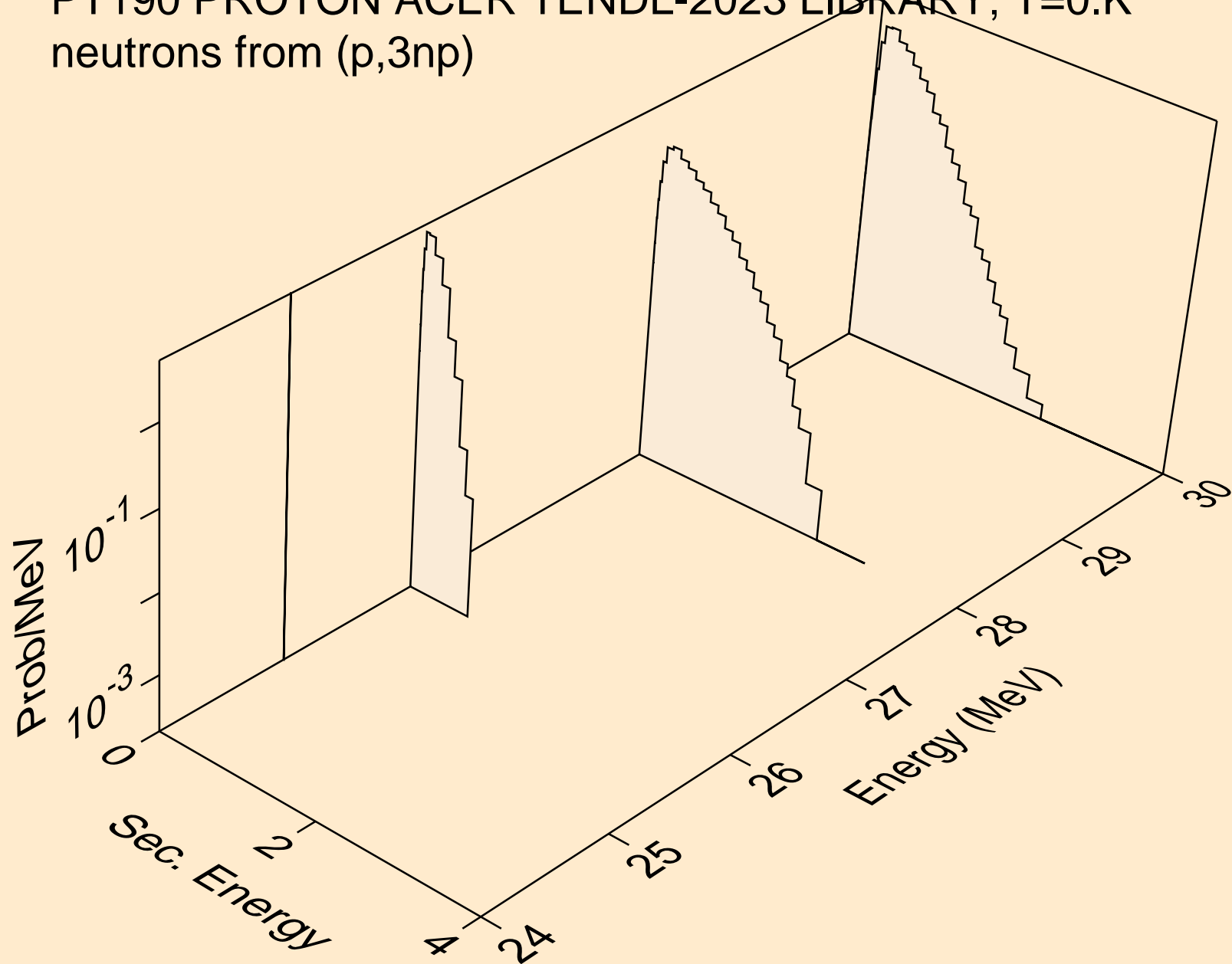
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



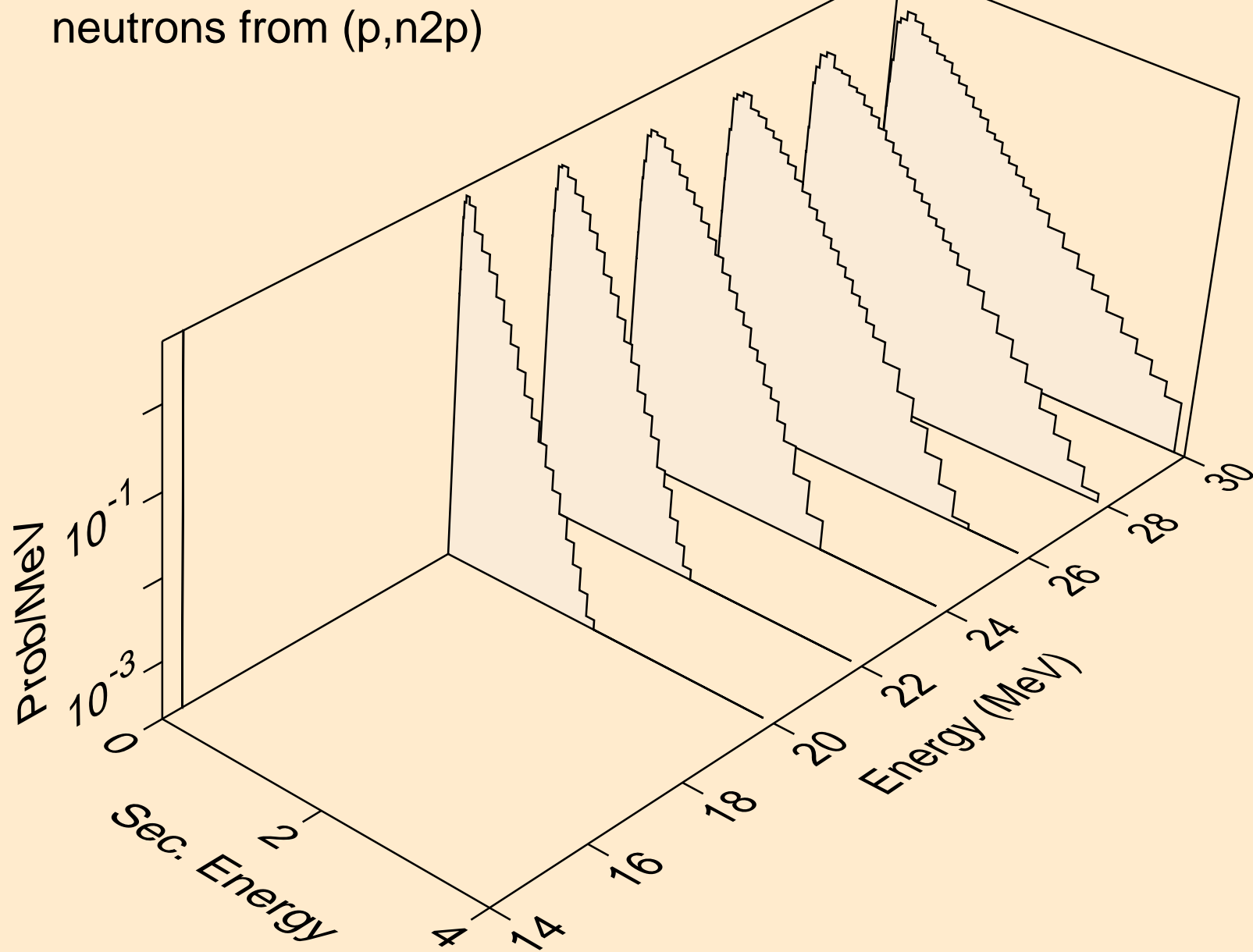
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neutrons from (p,2np)



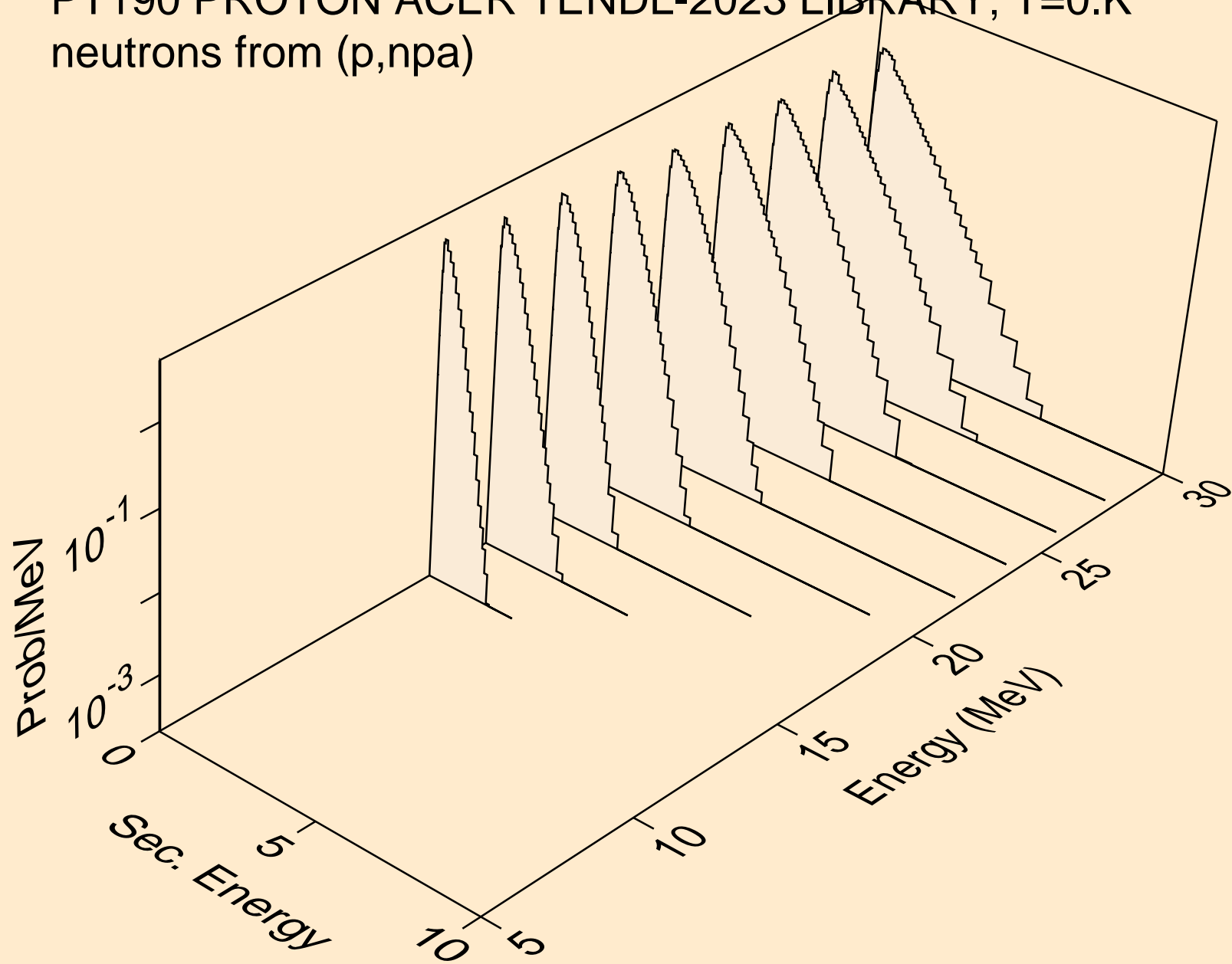
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



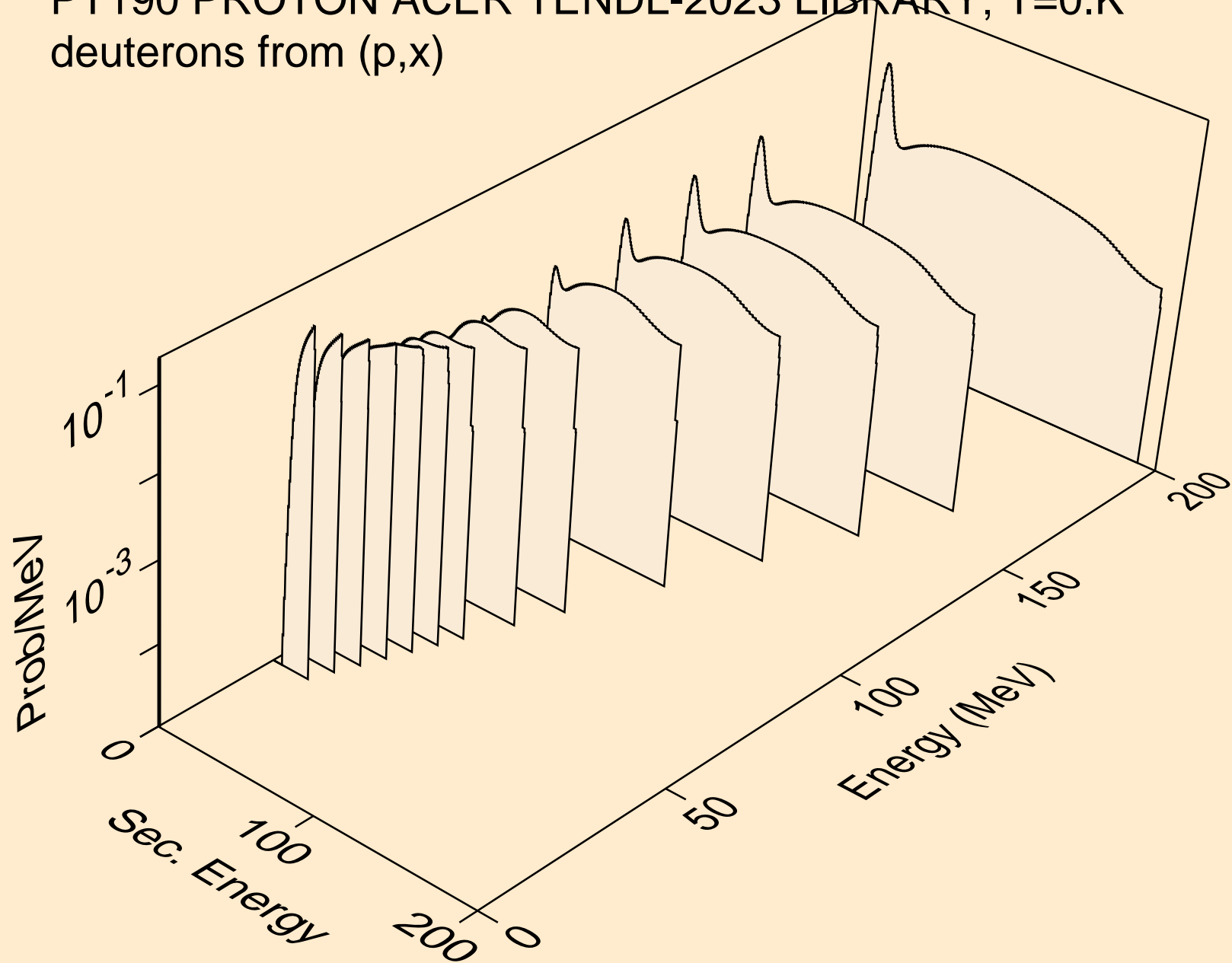
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



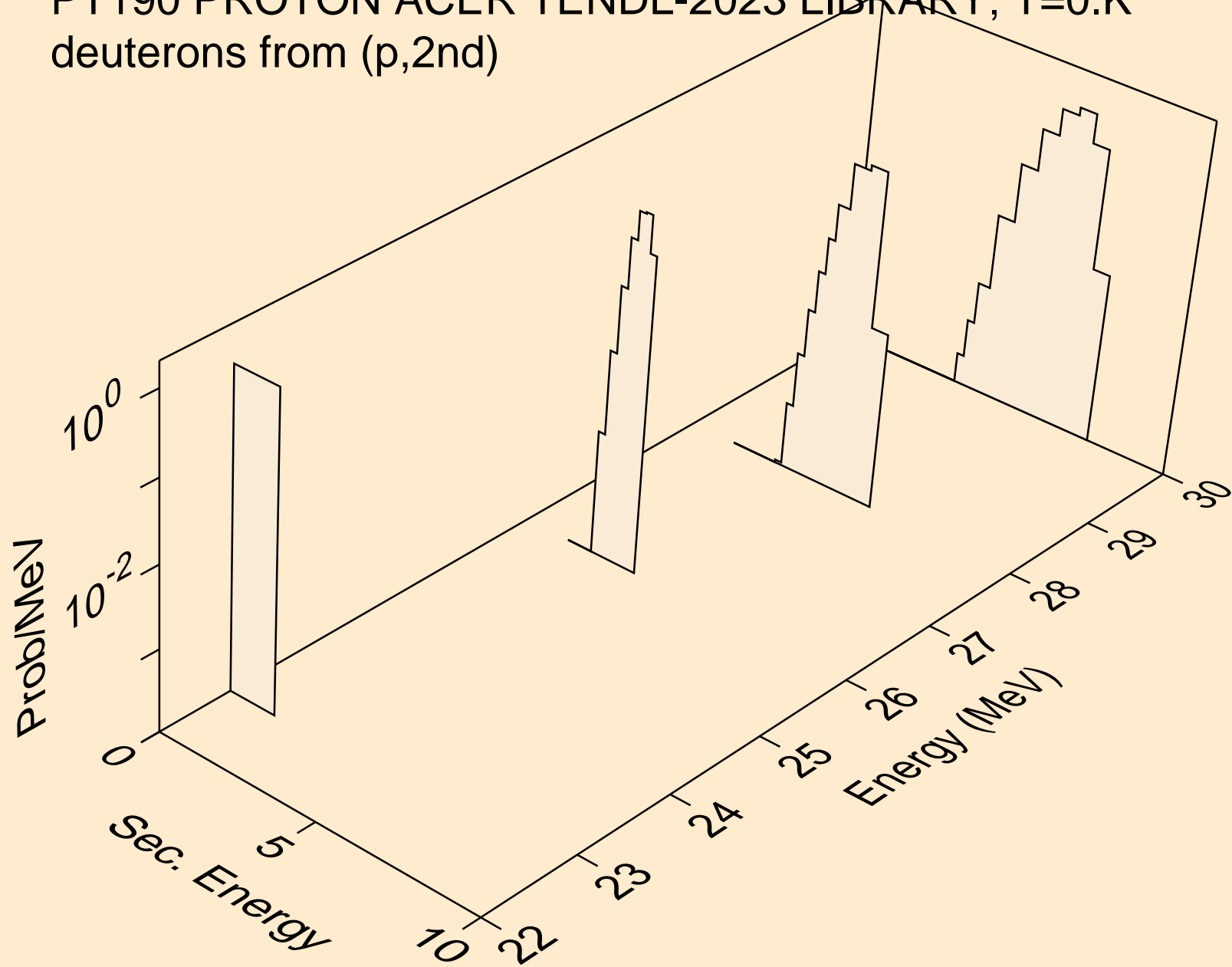
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



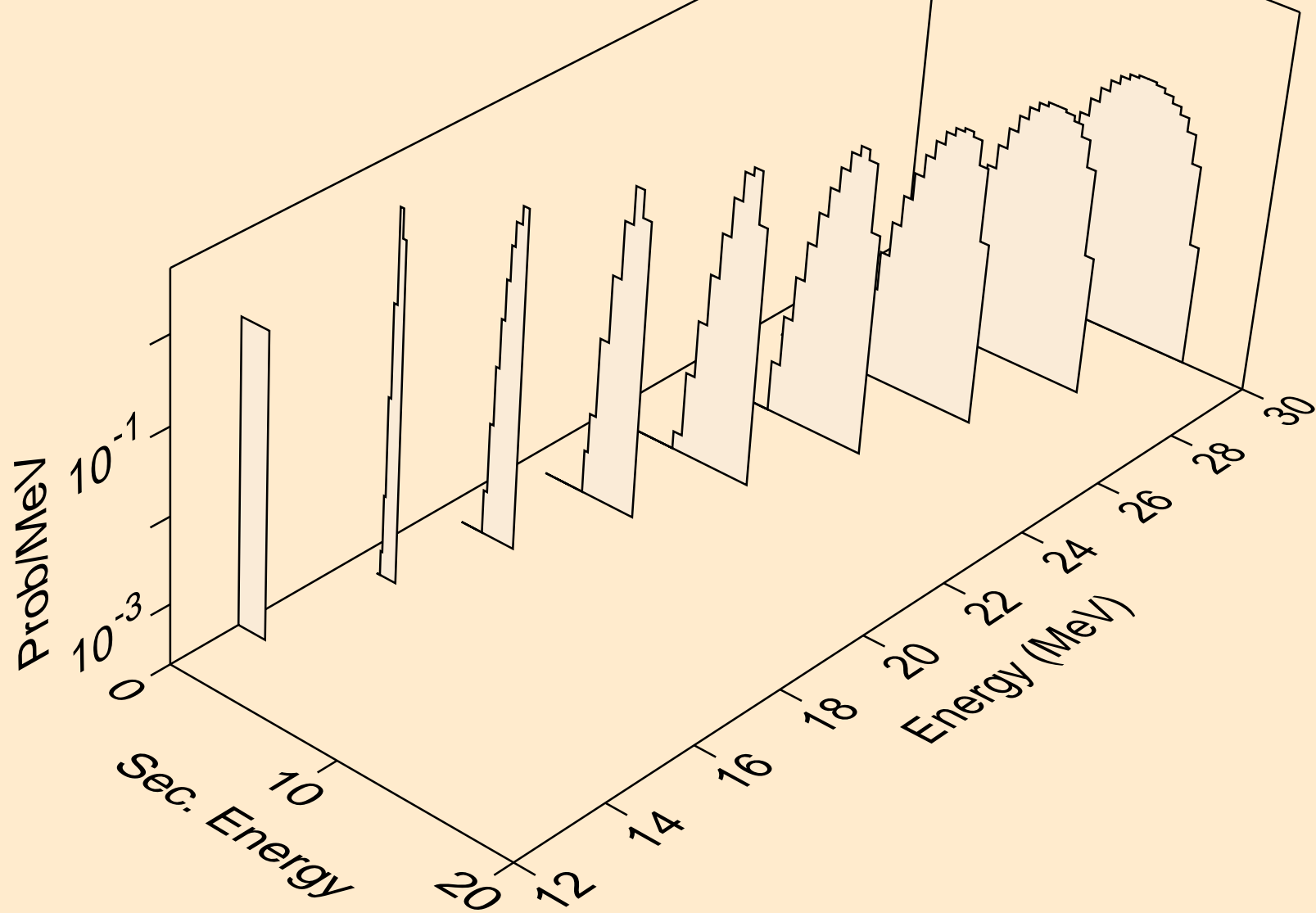
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

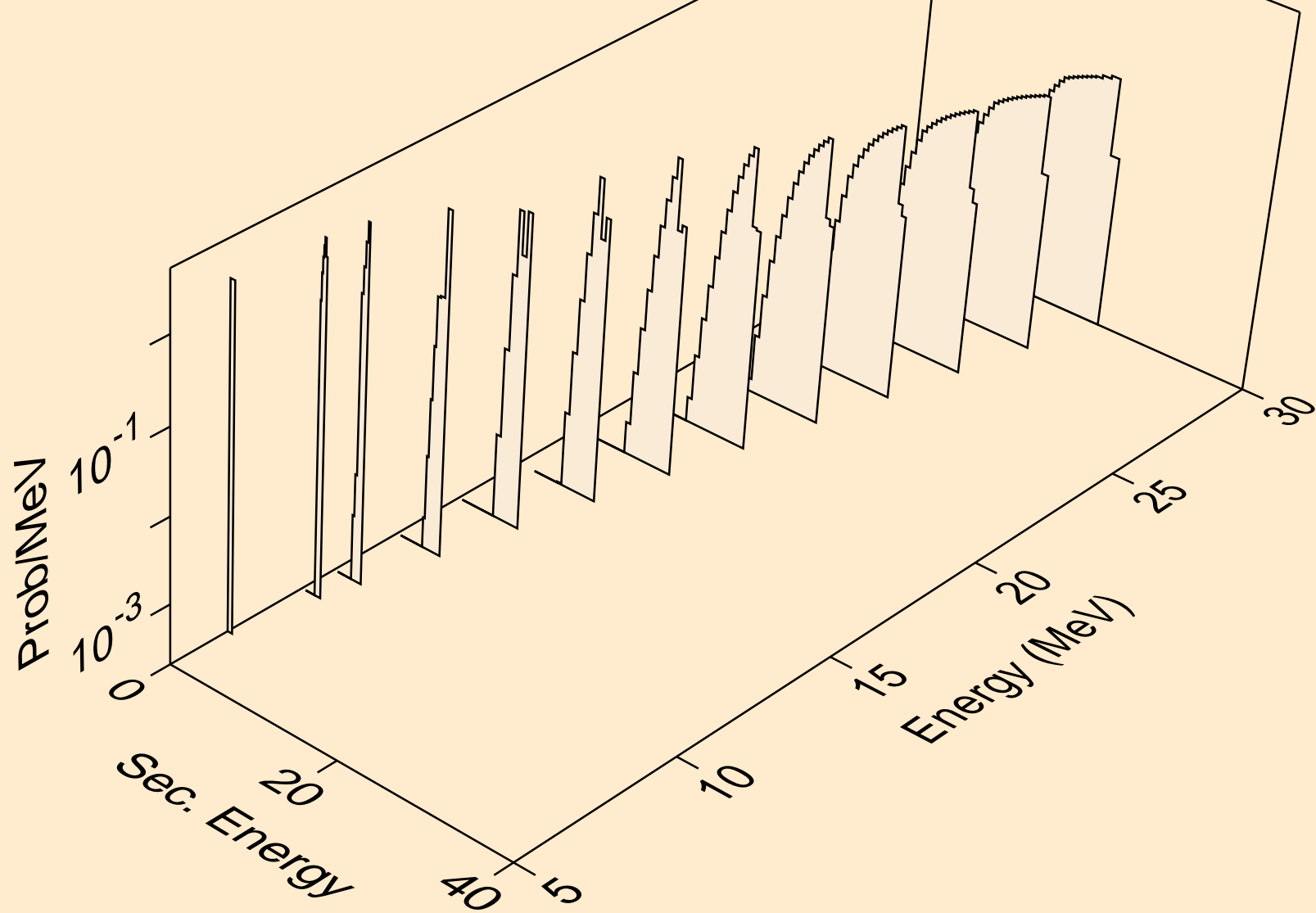


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

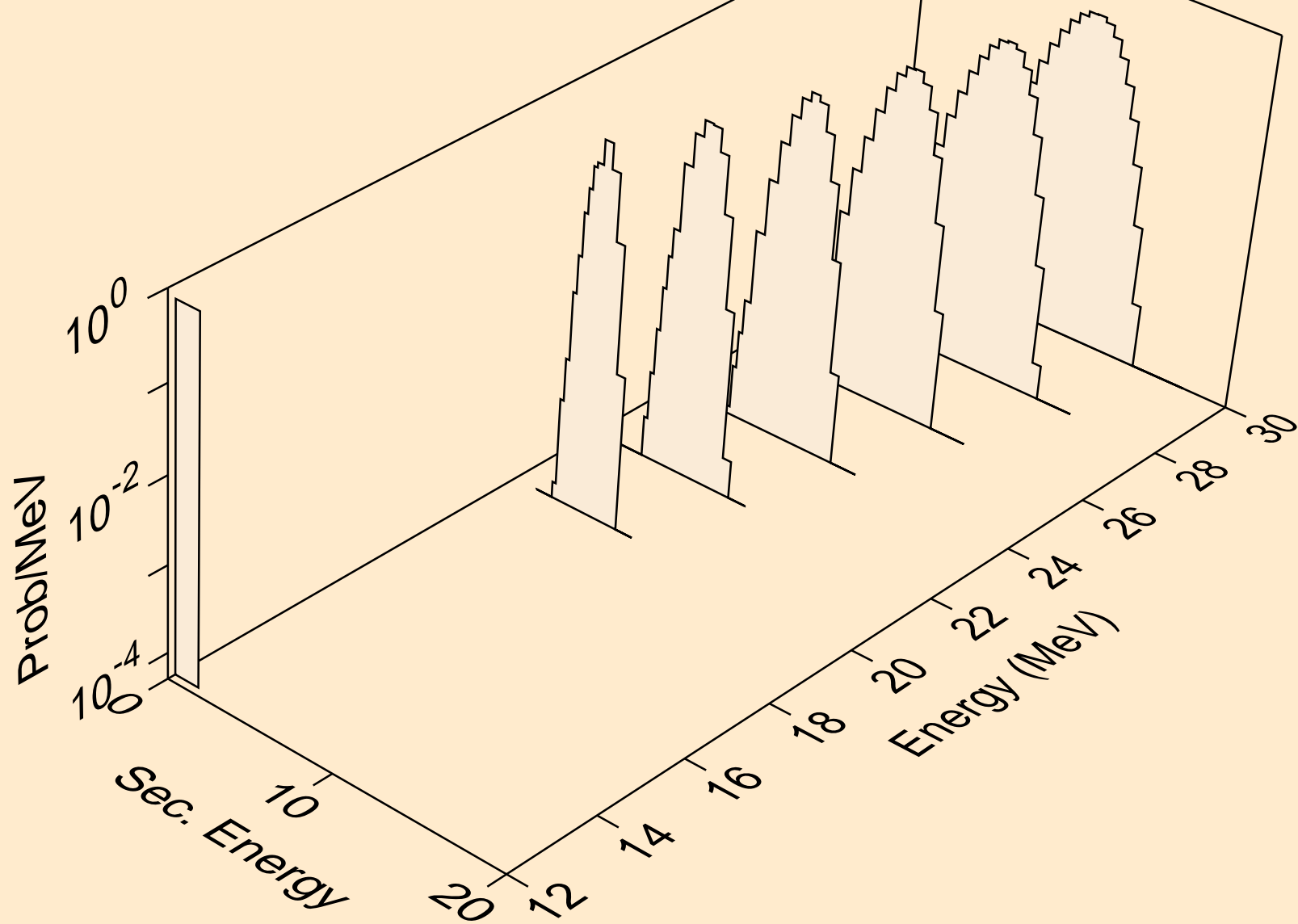




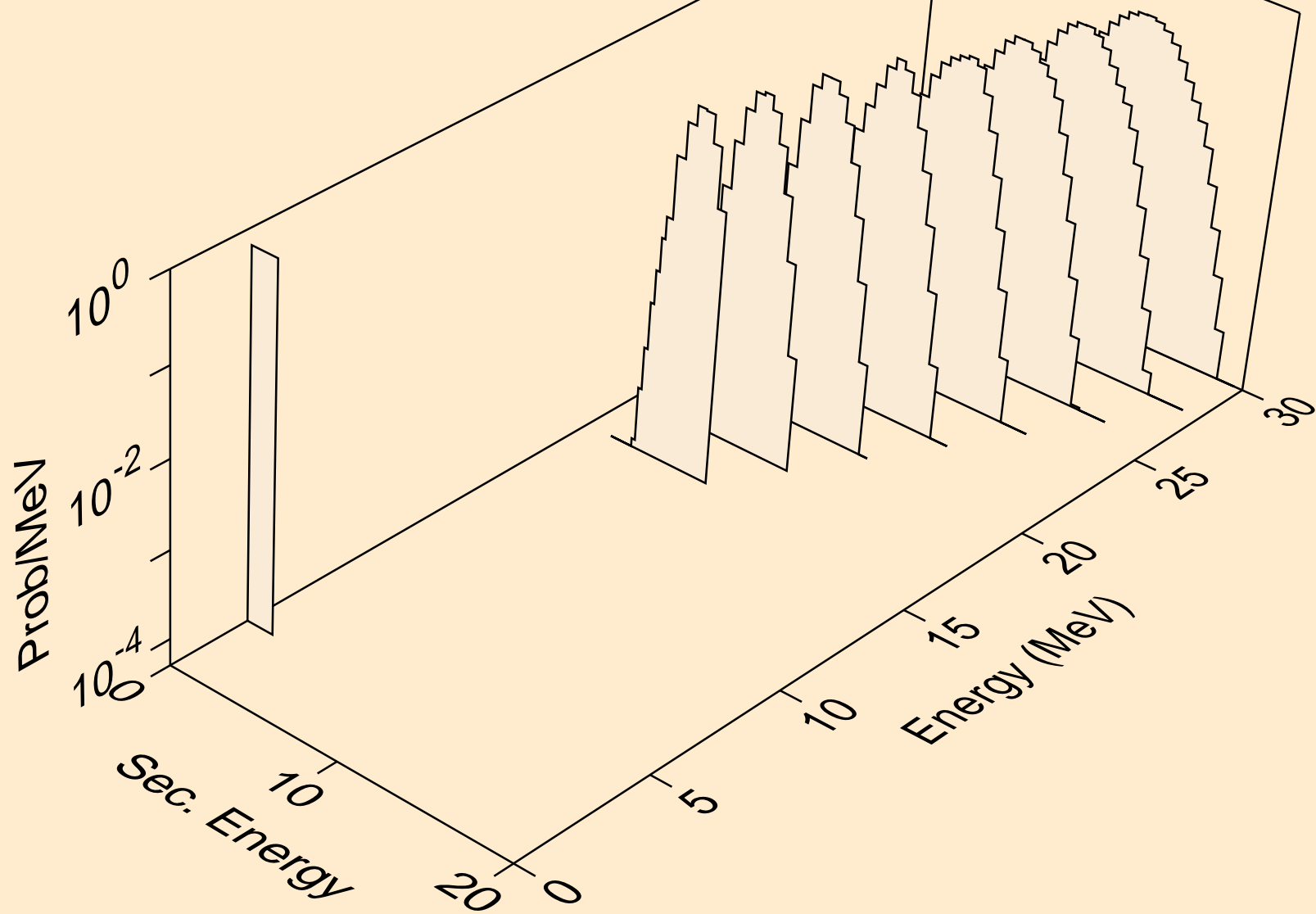
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



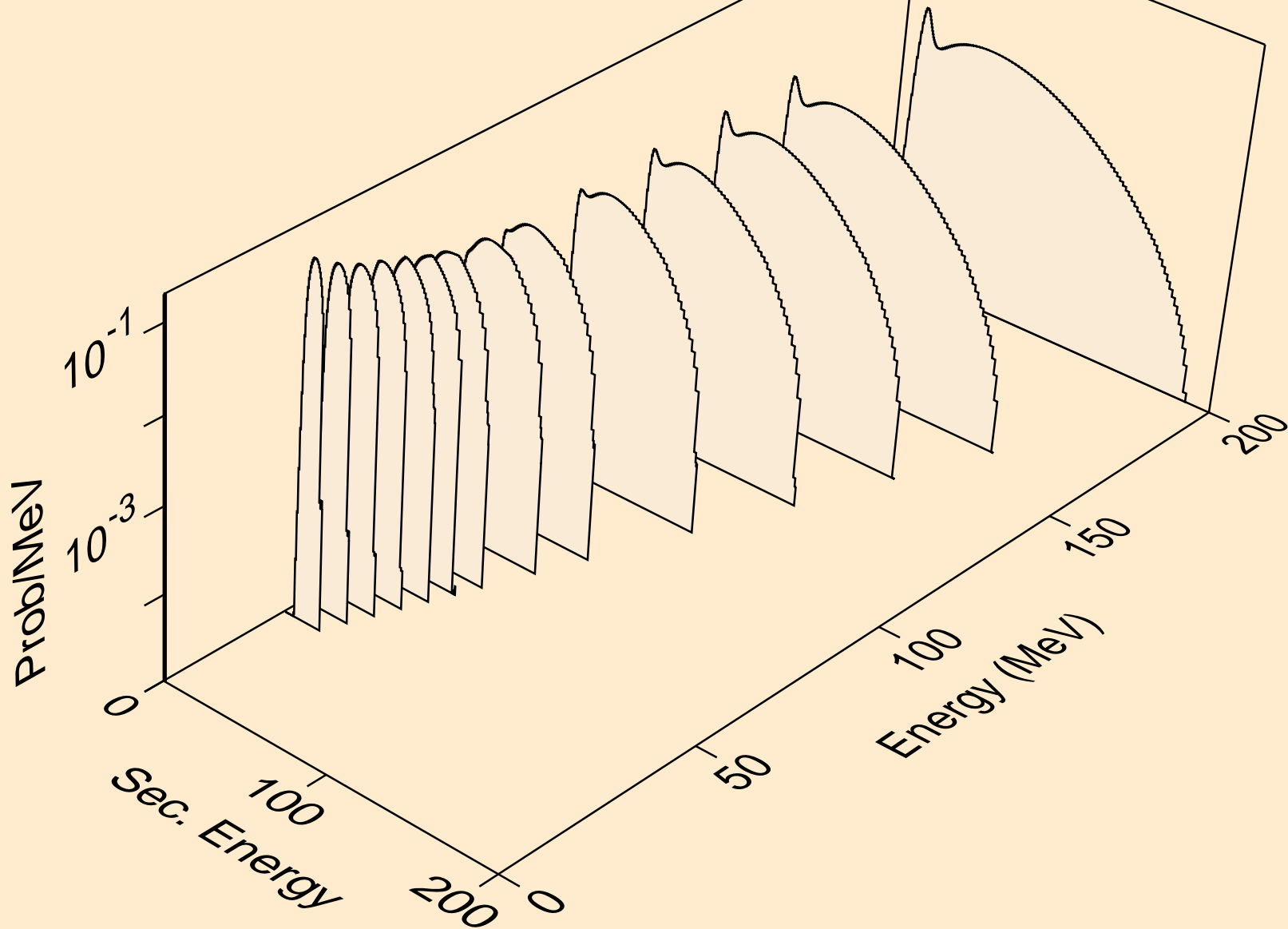
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



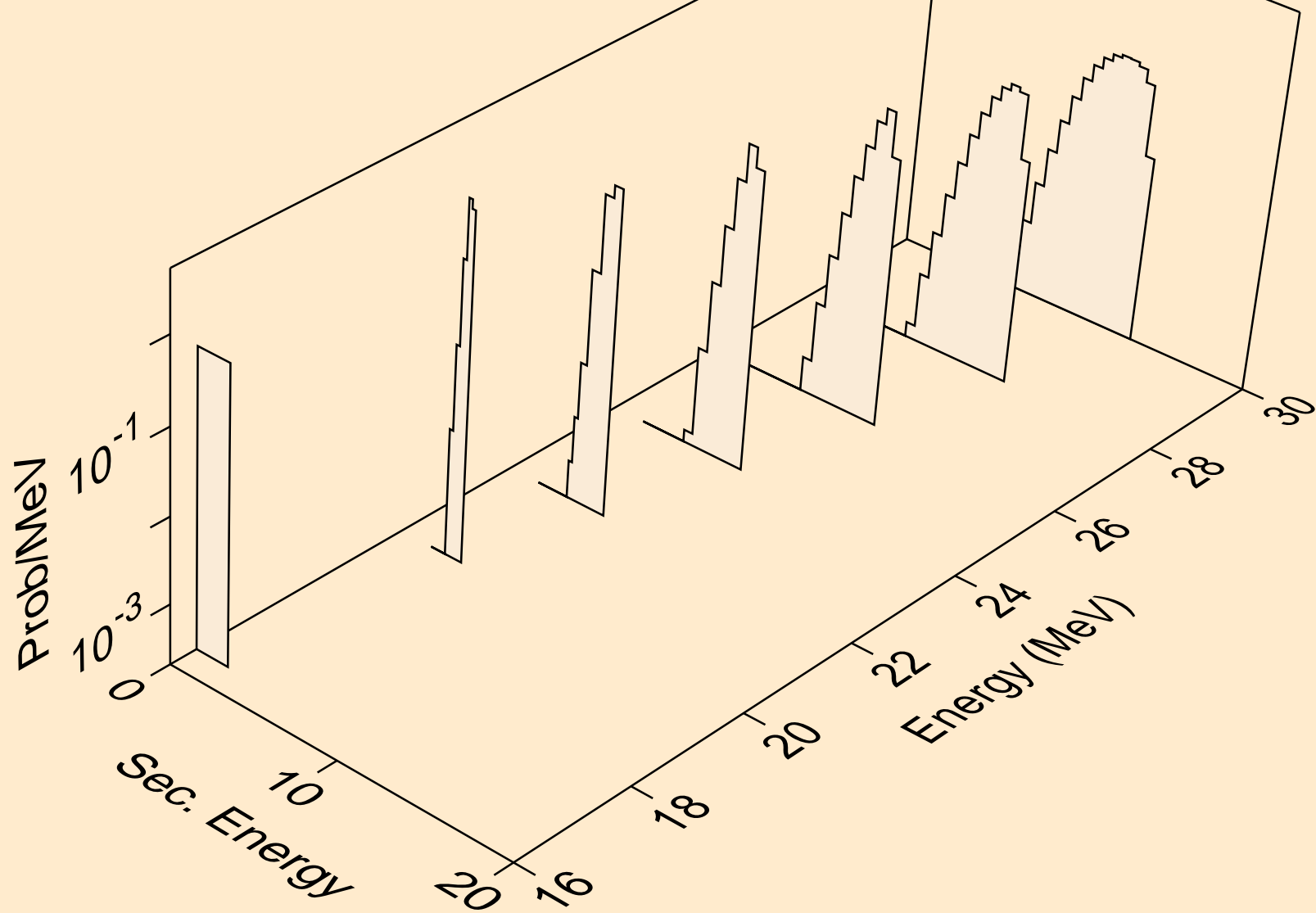
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



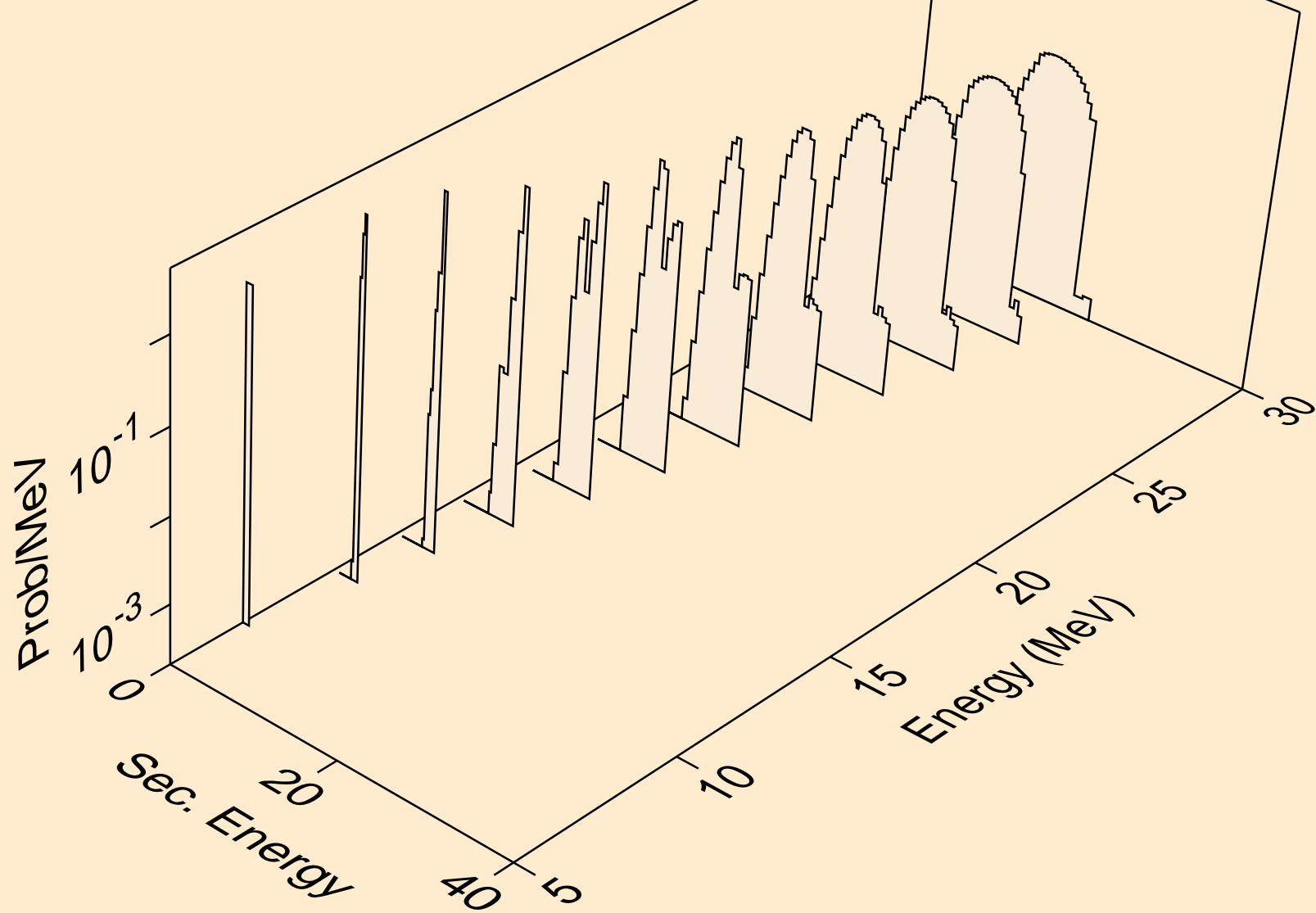
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



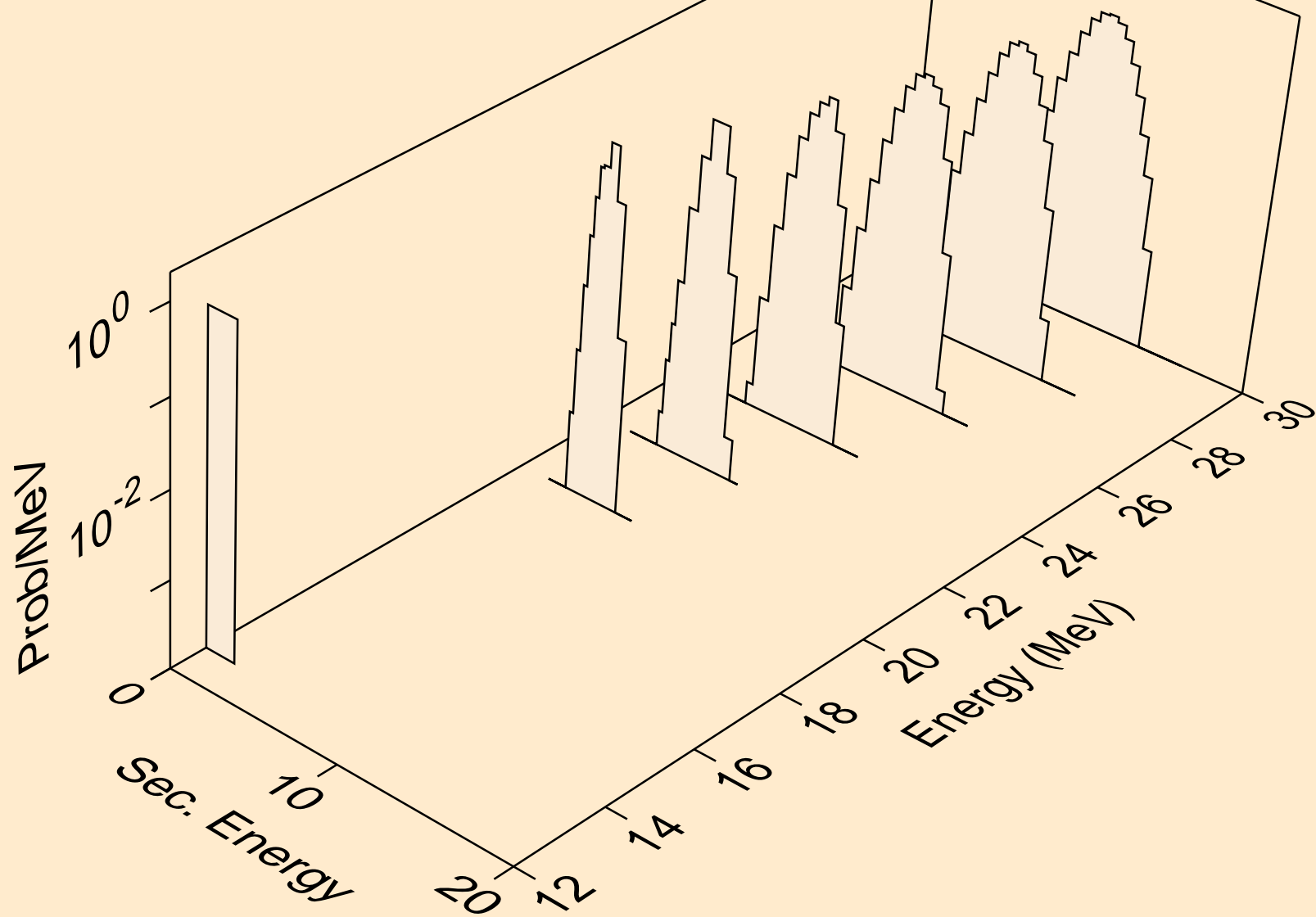
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



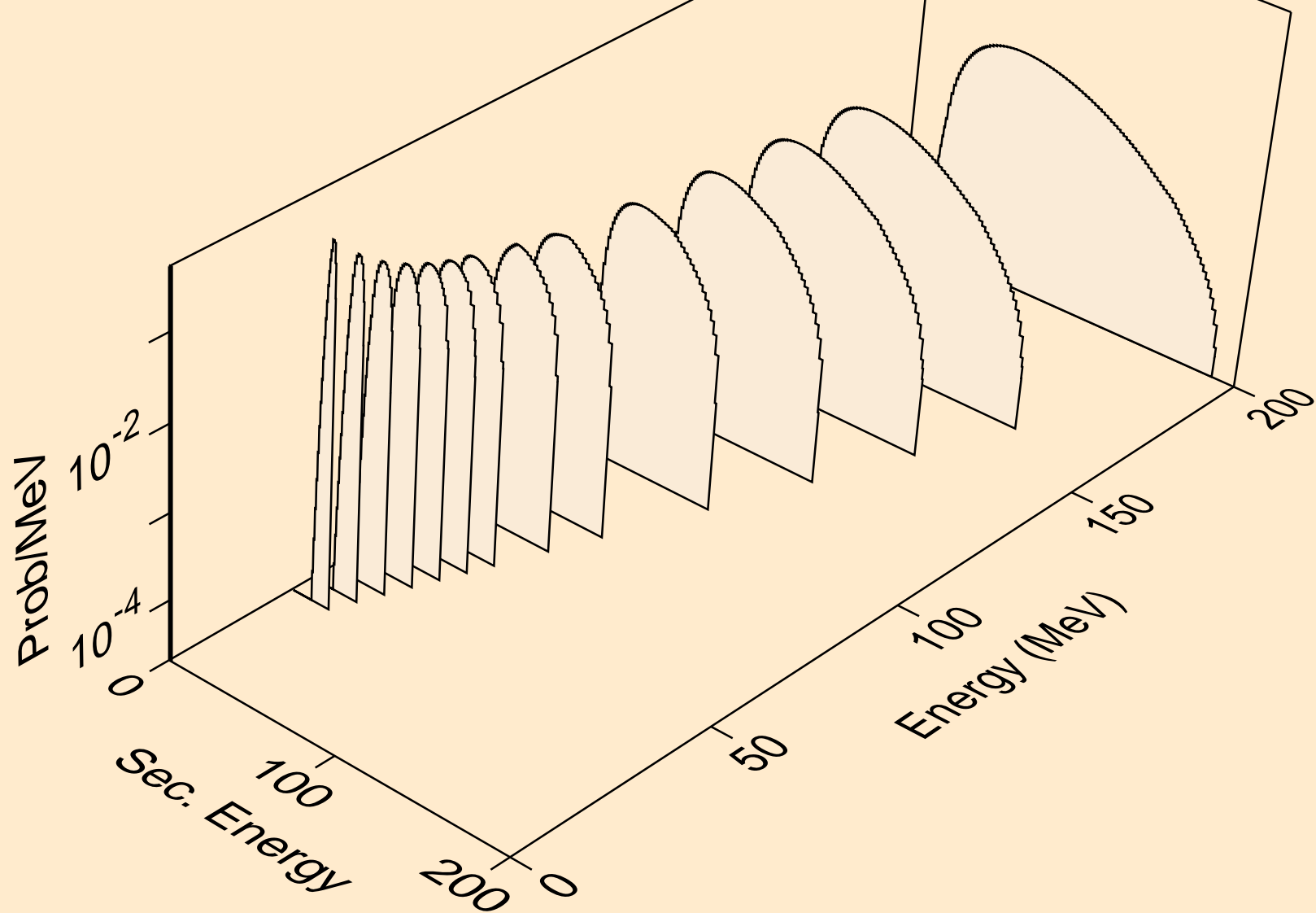
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

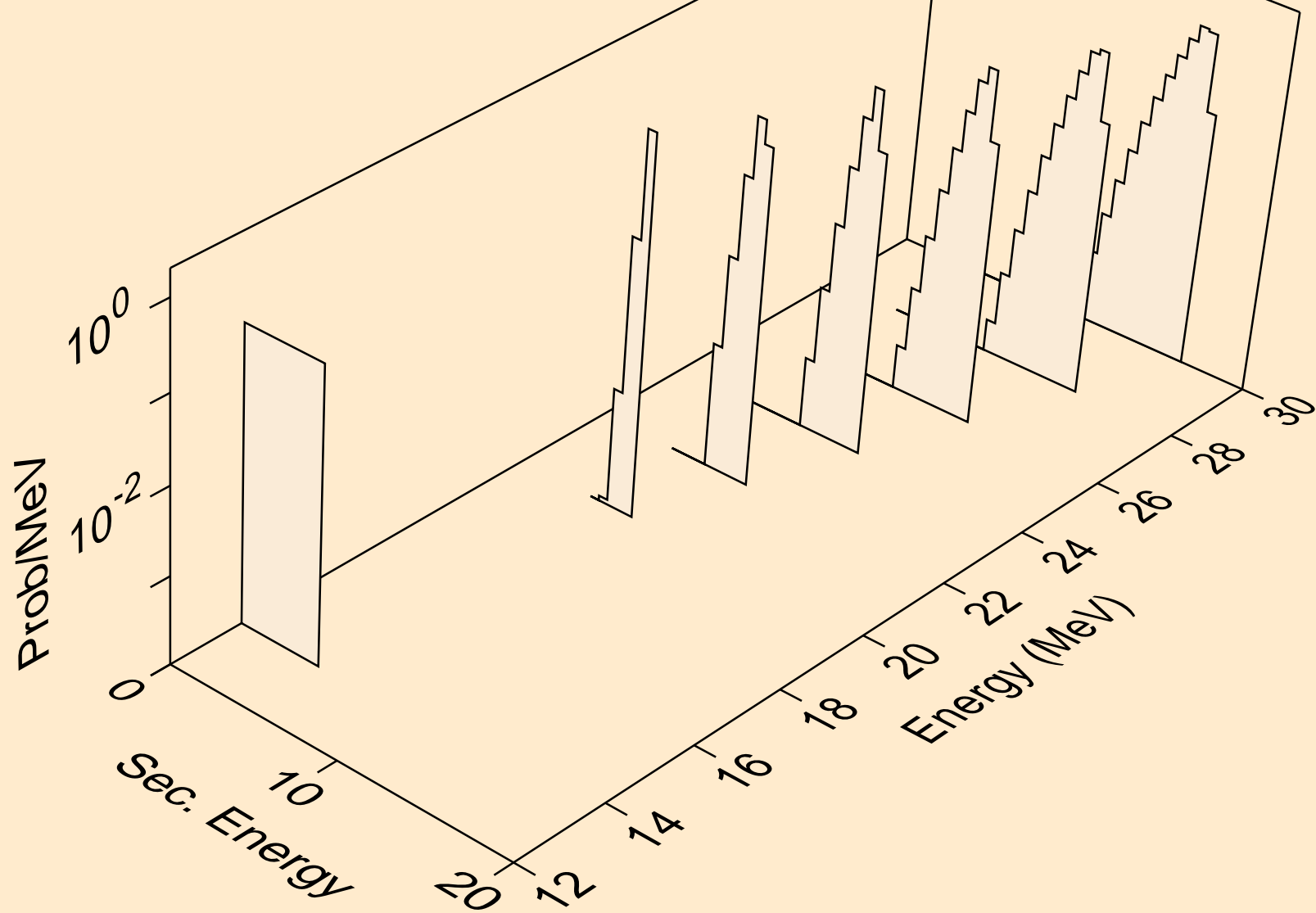


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

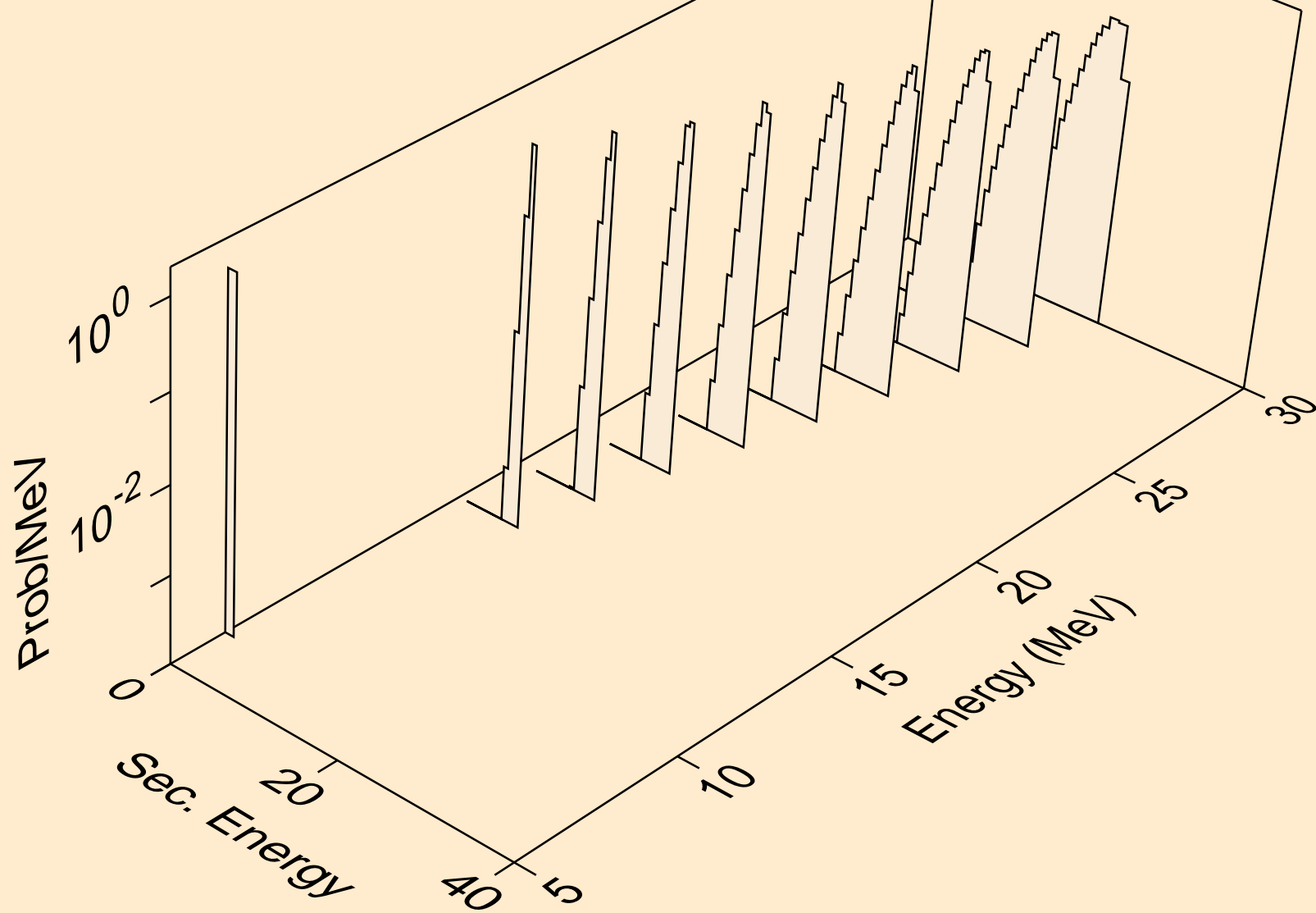




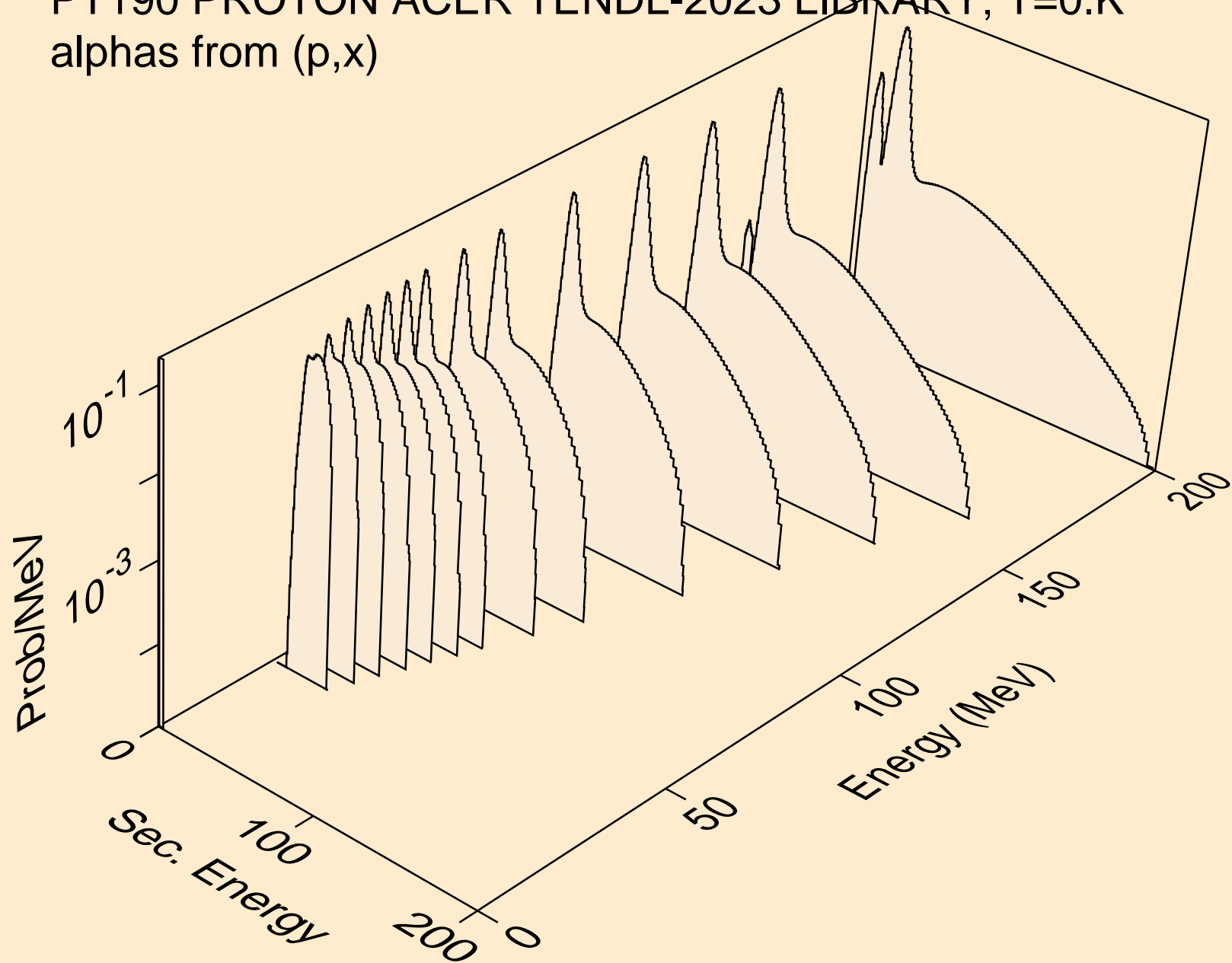
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



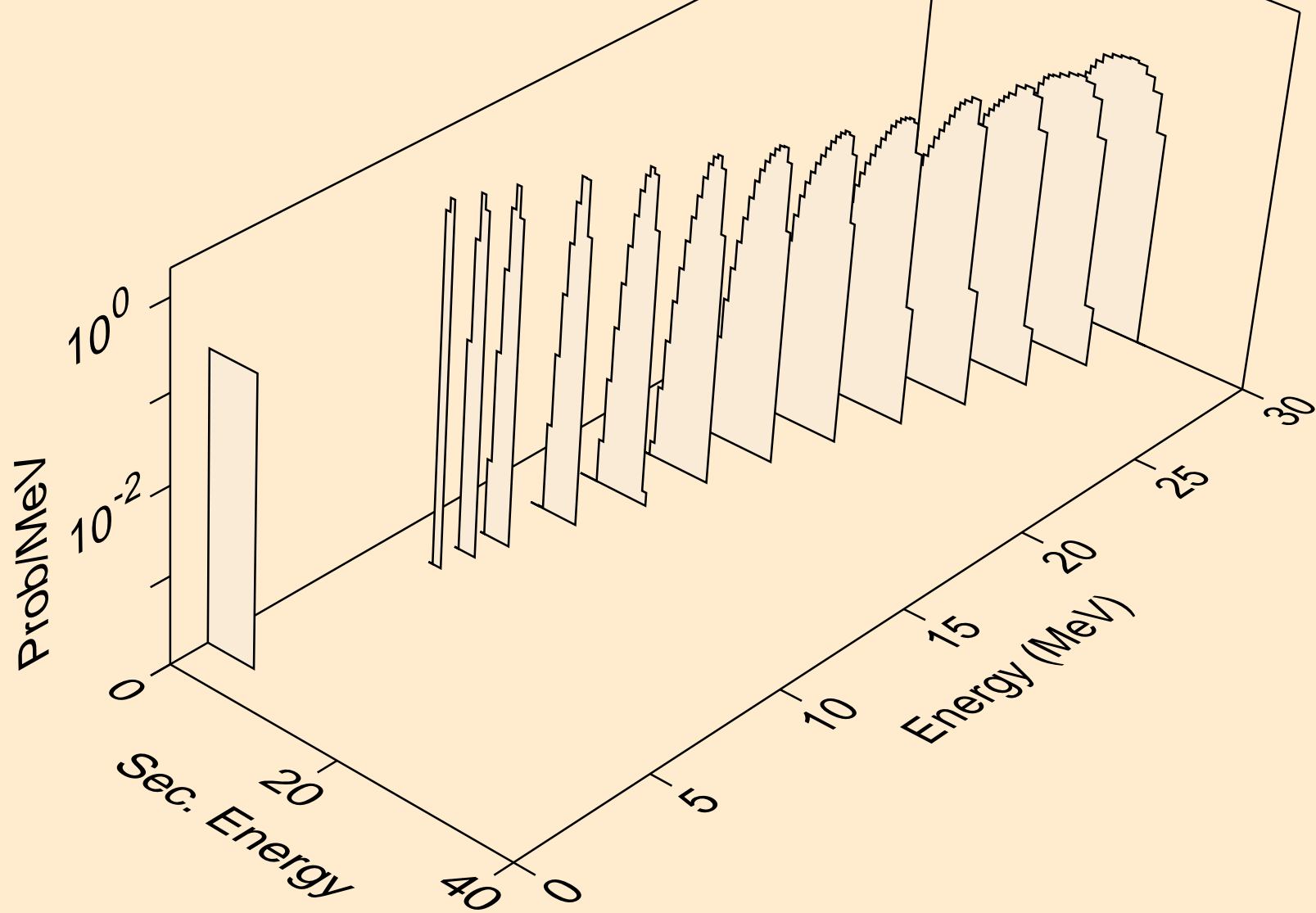
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



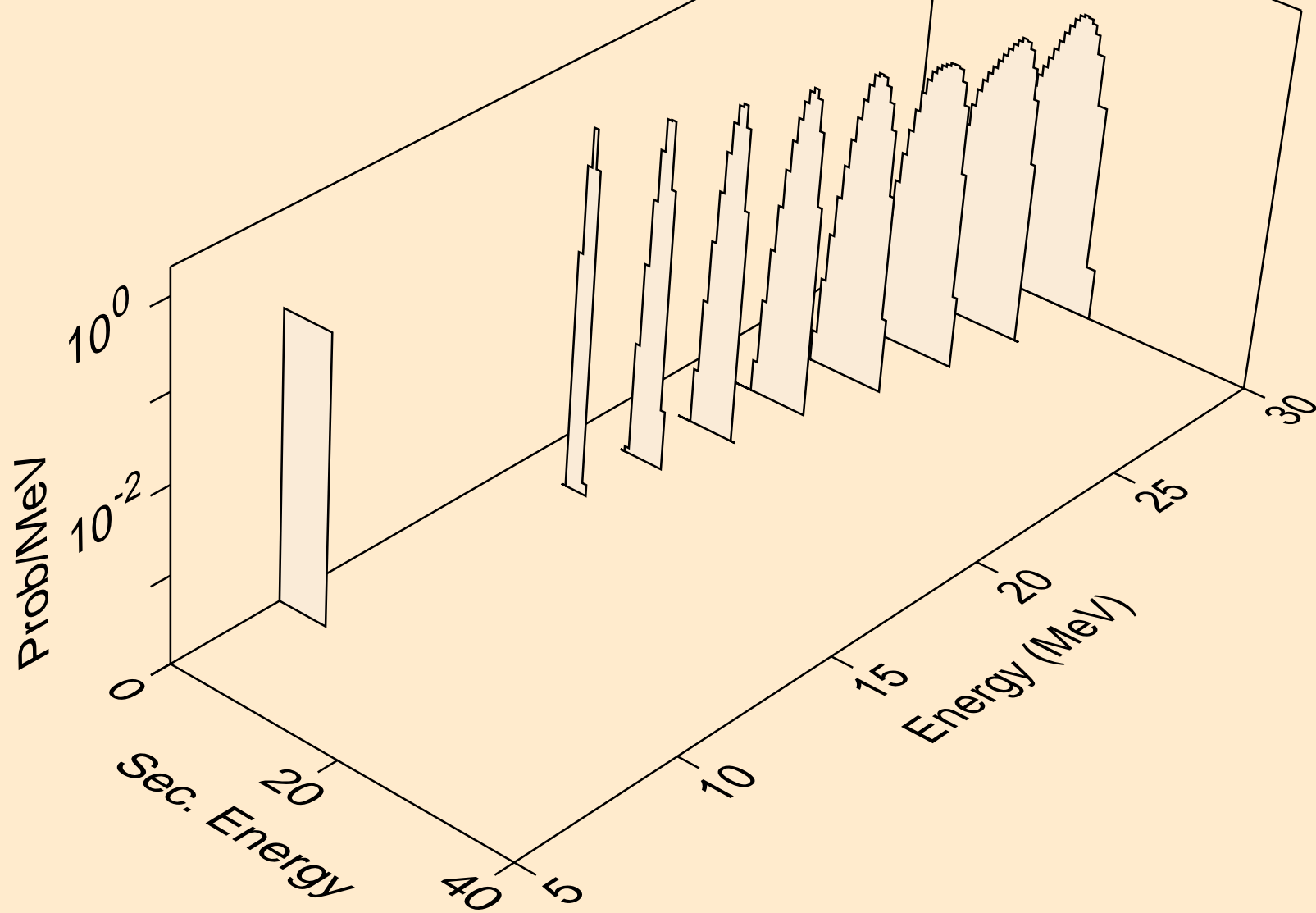
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



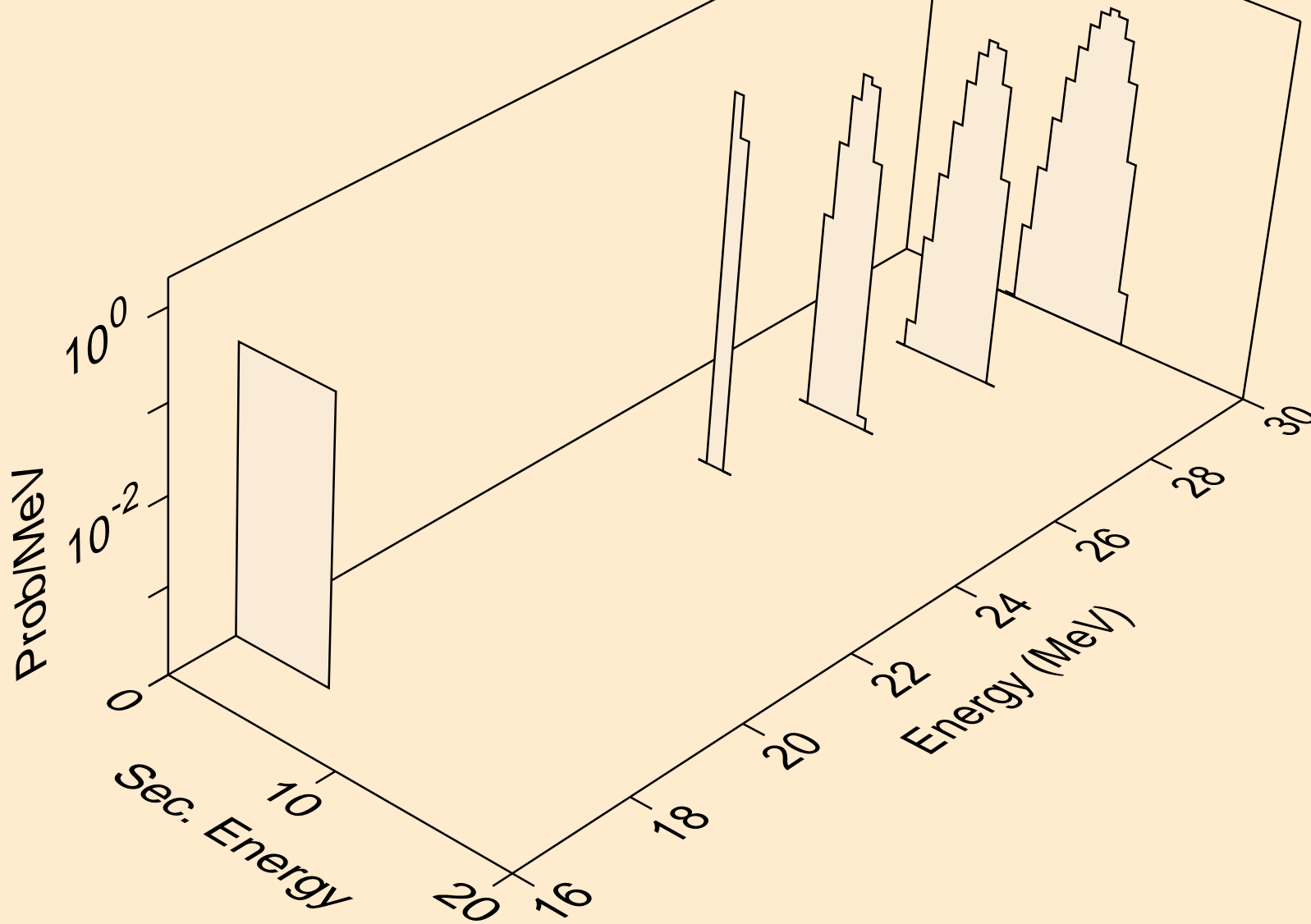
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



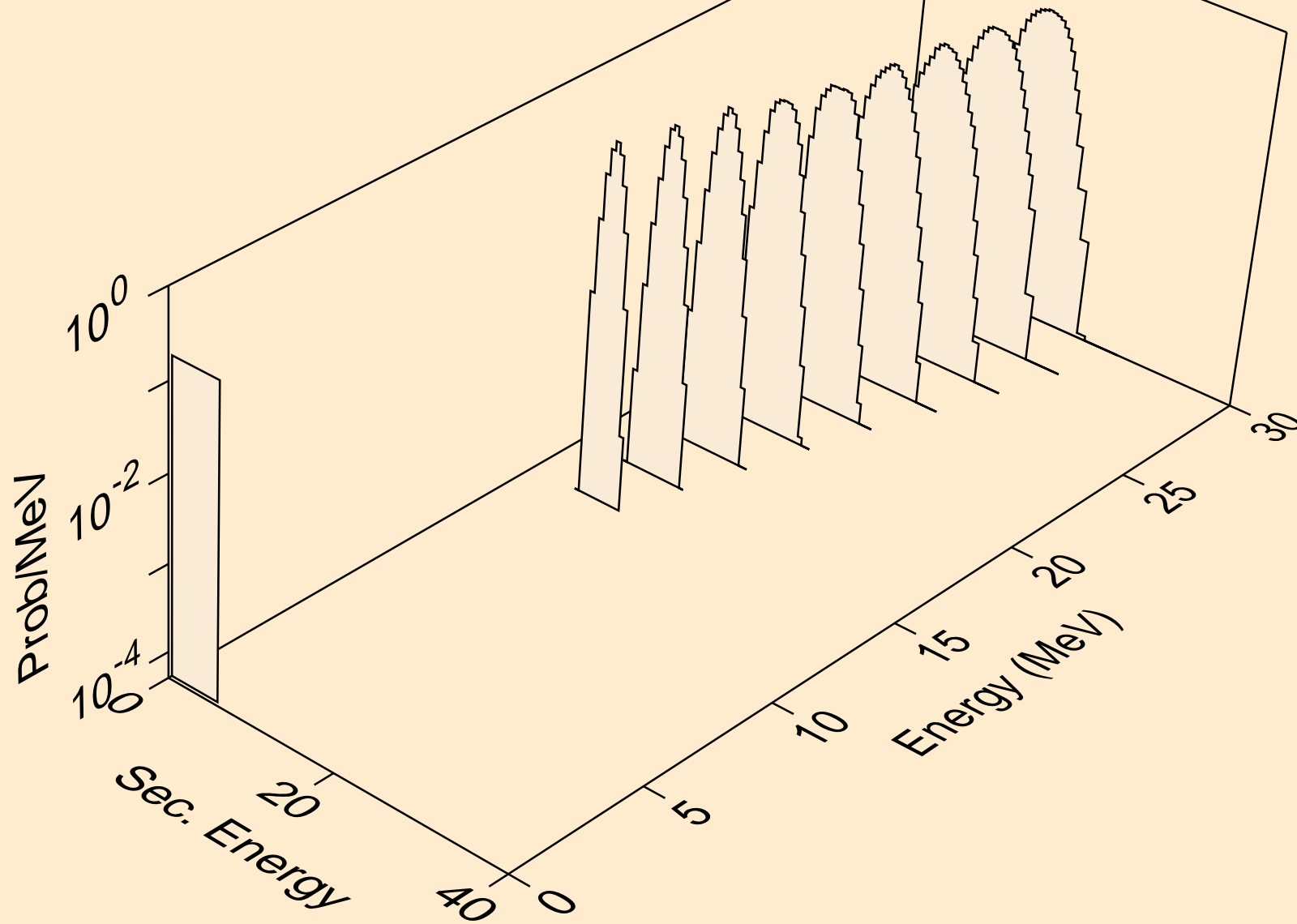
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



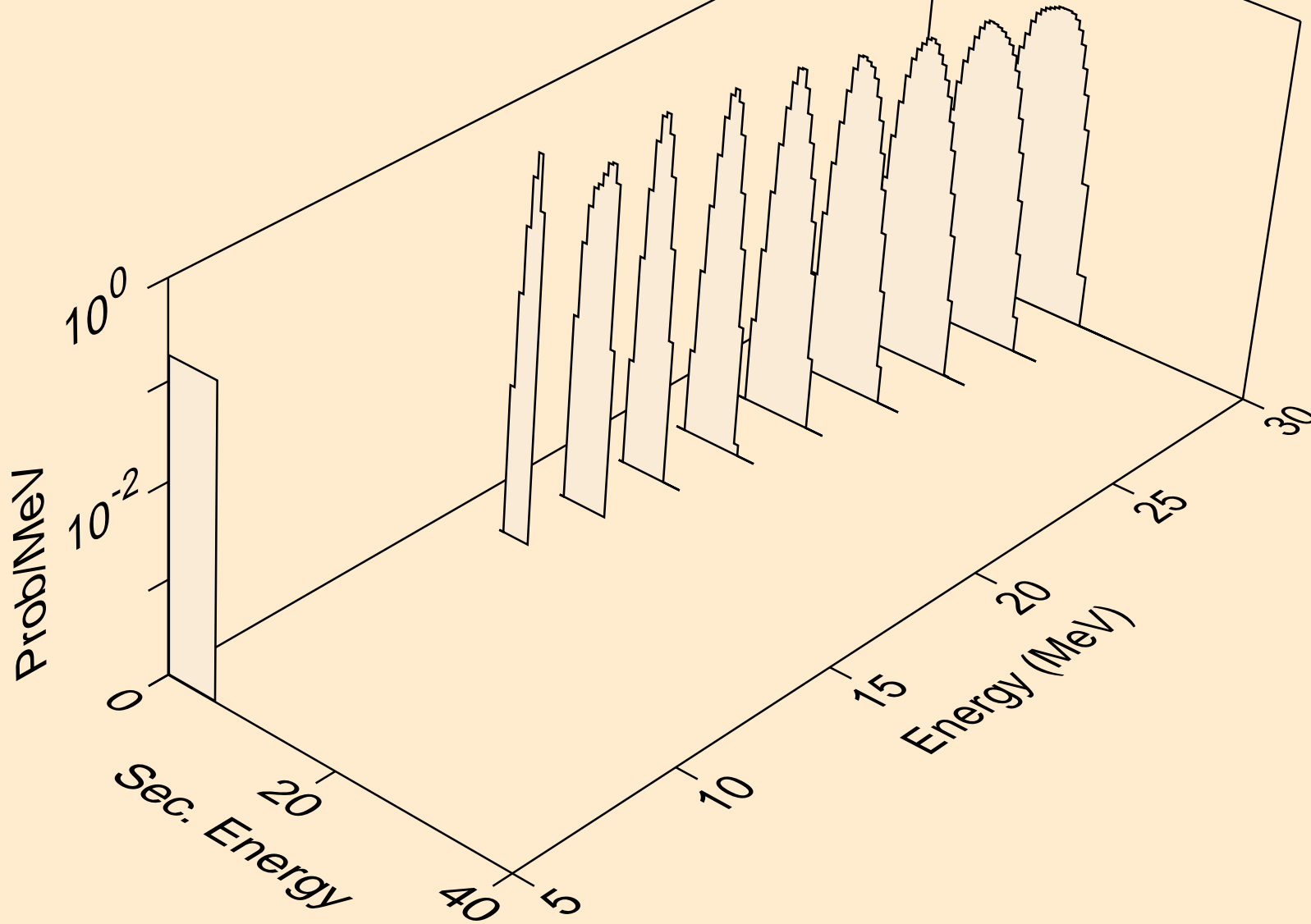
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

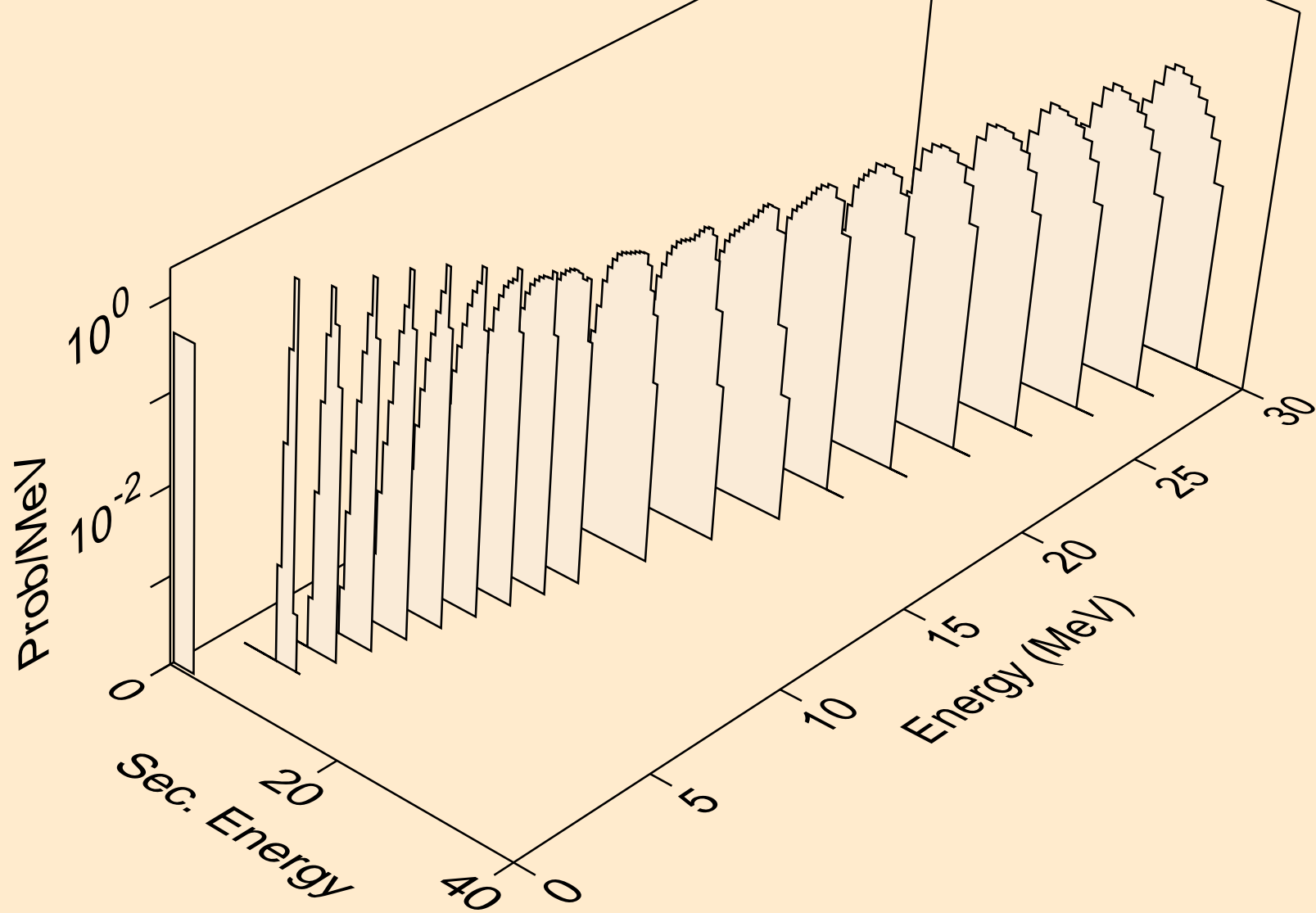


PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

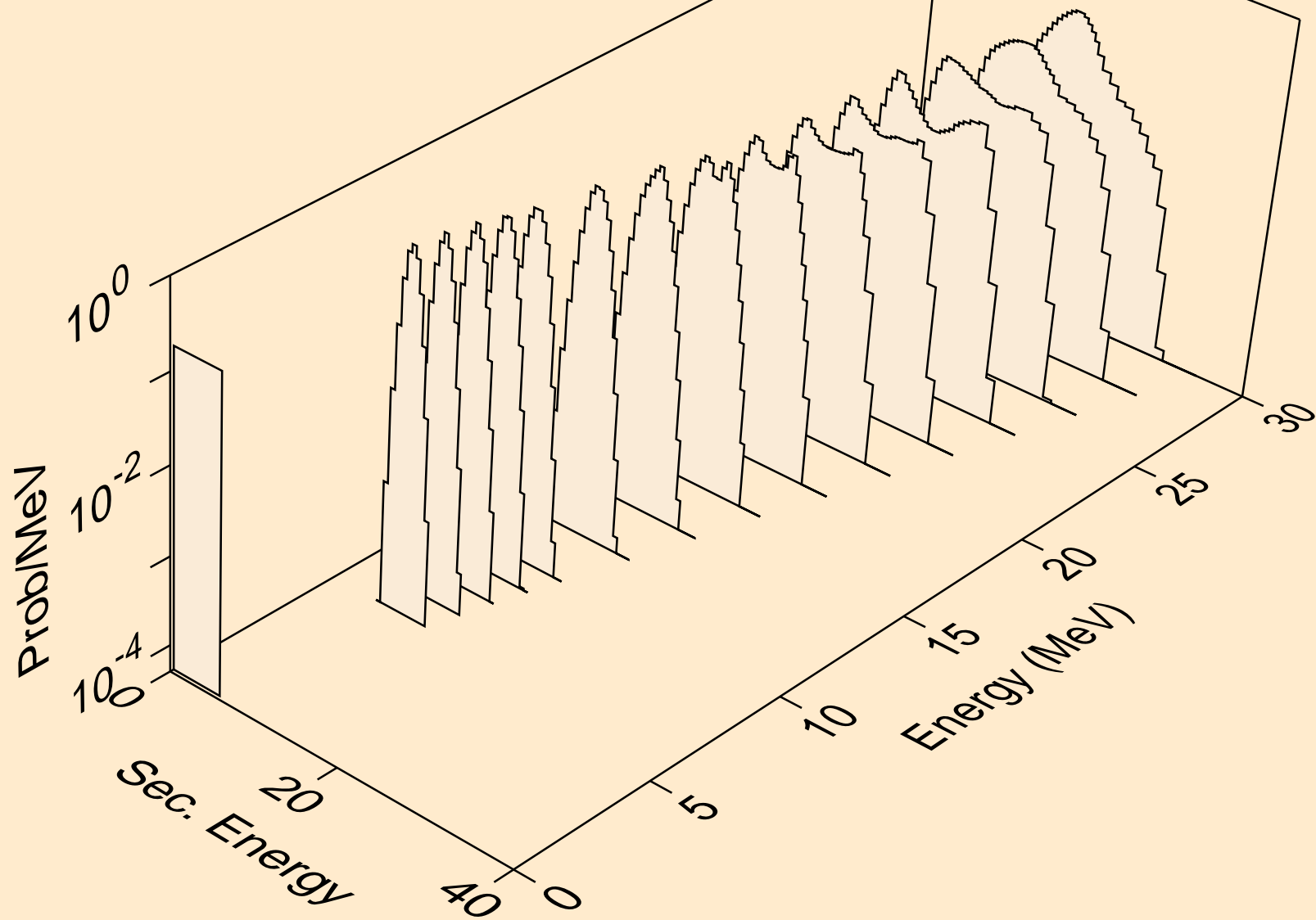




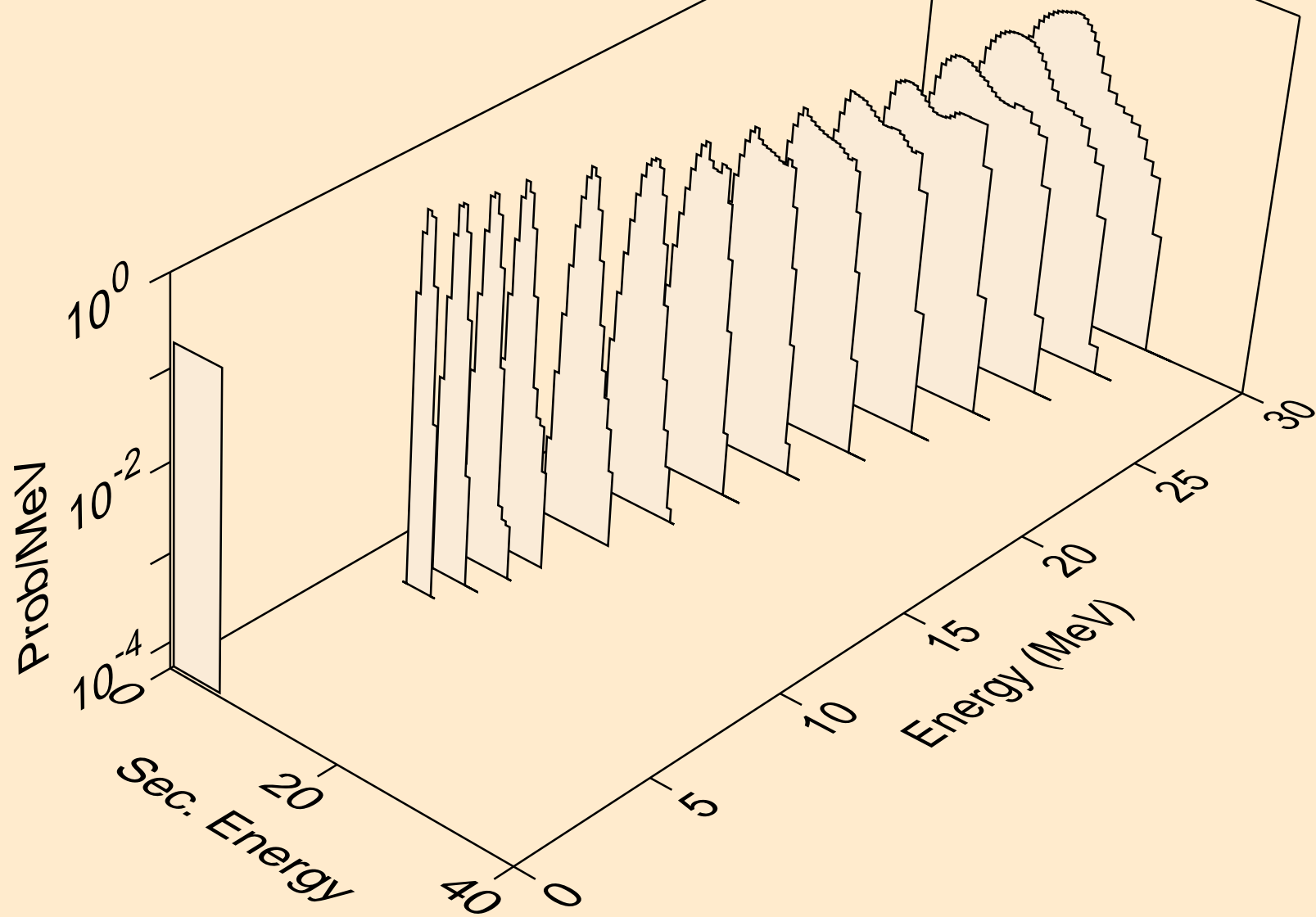
PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



PT190 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

