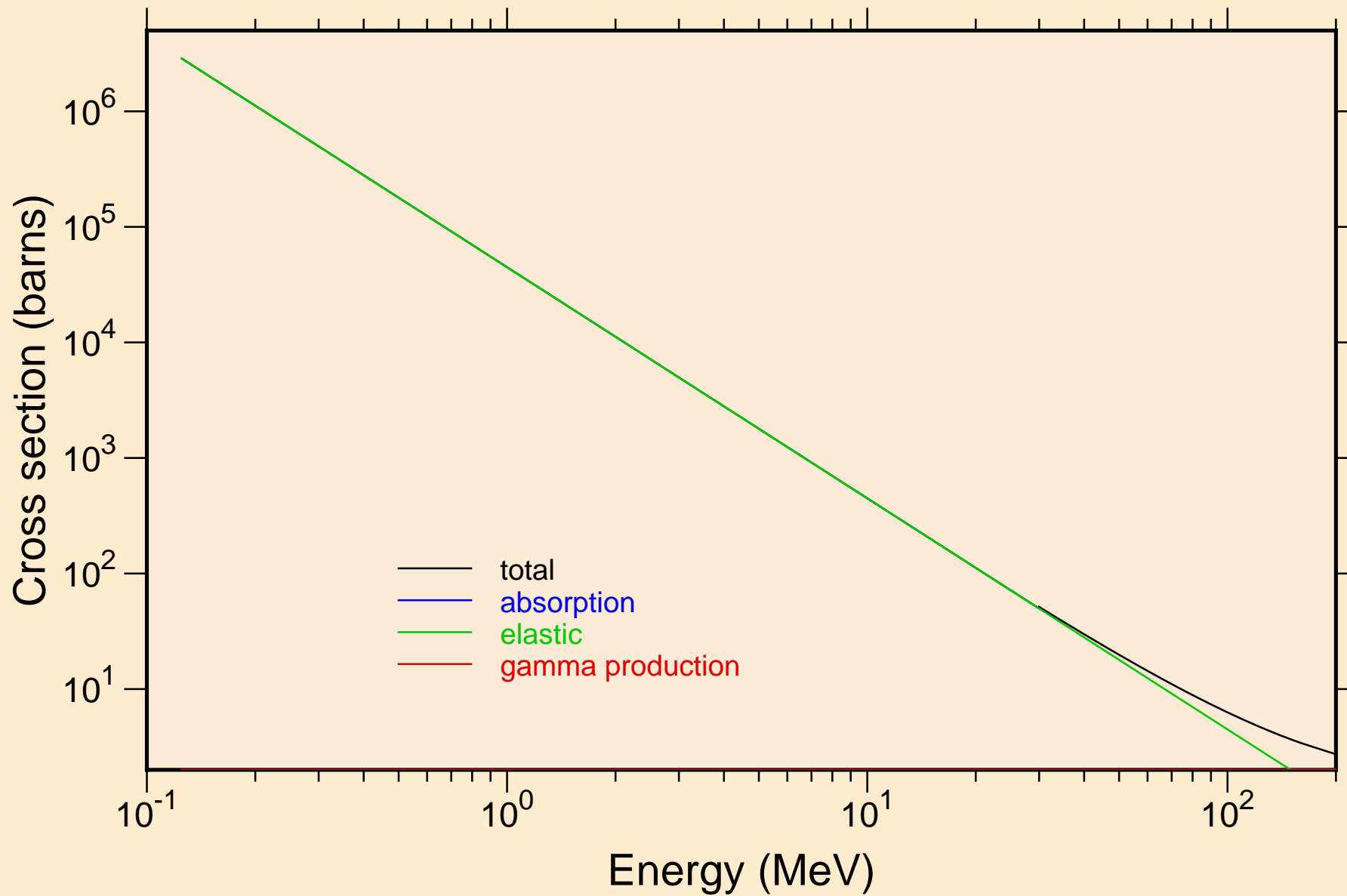
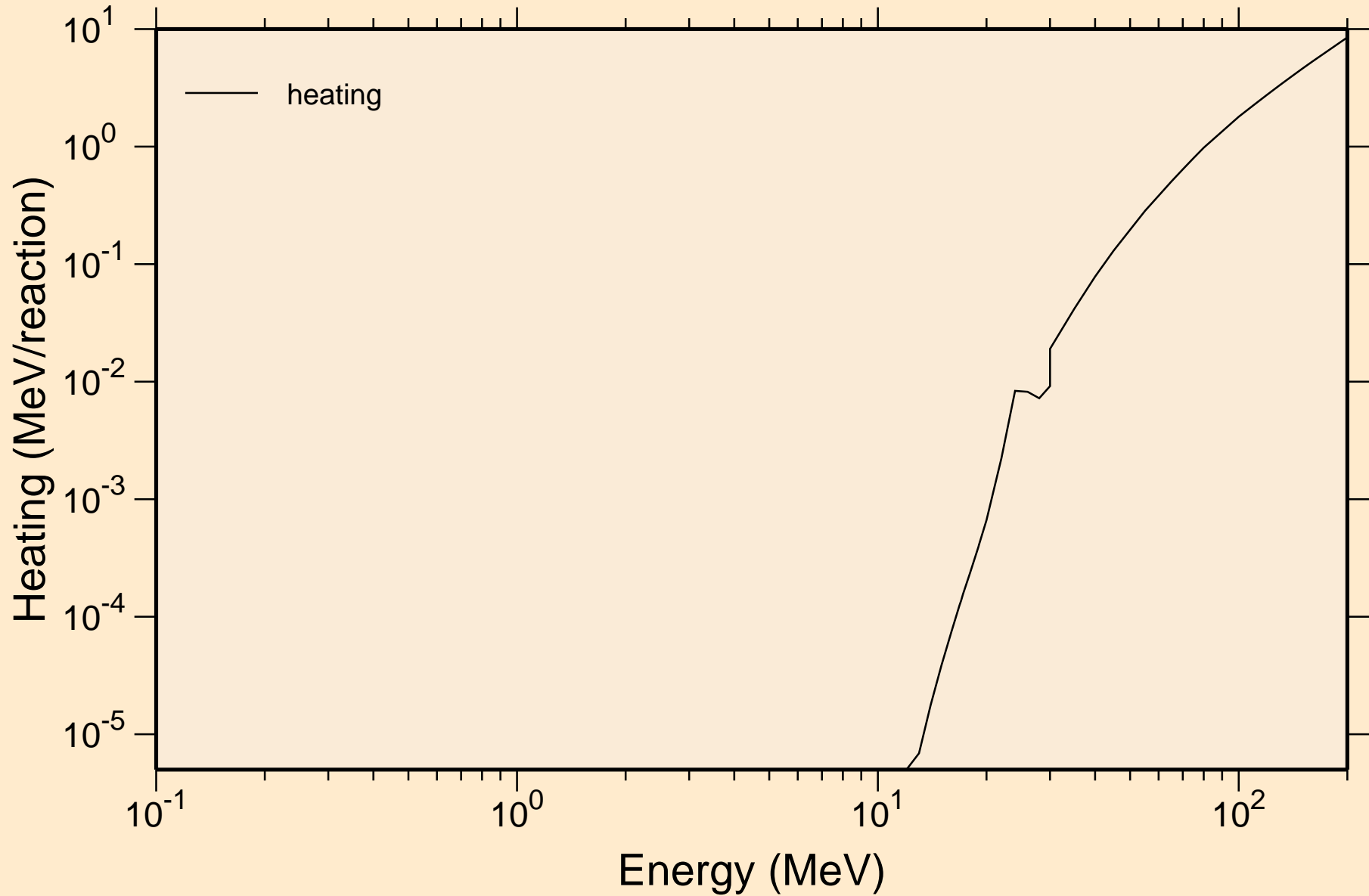


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



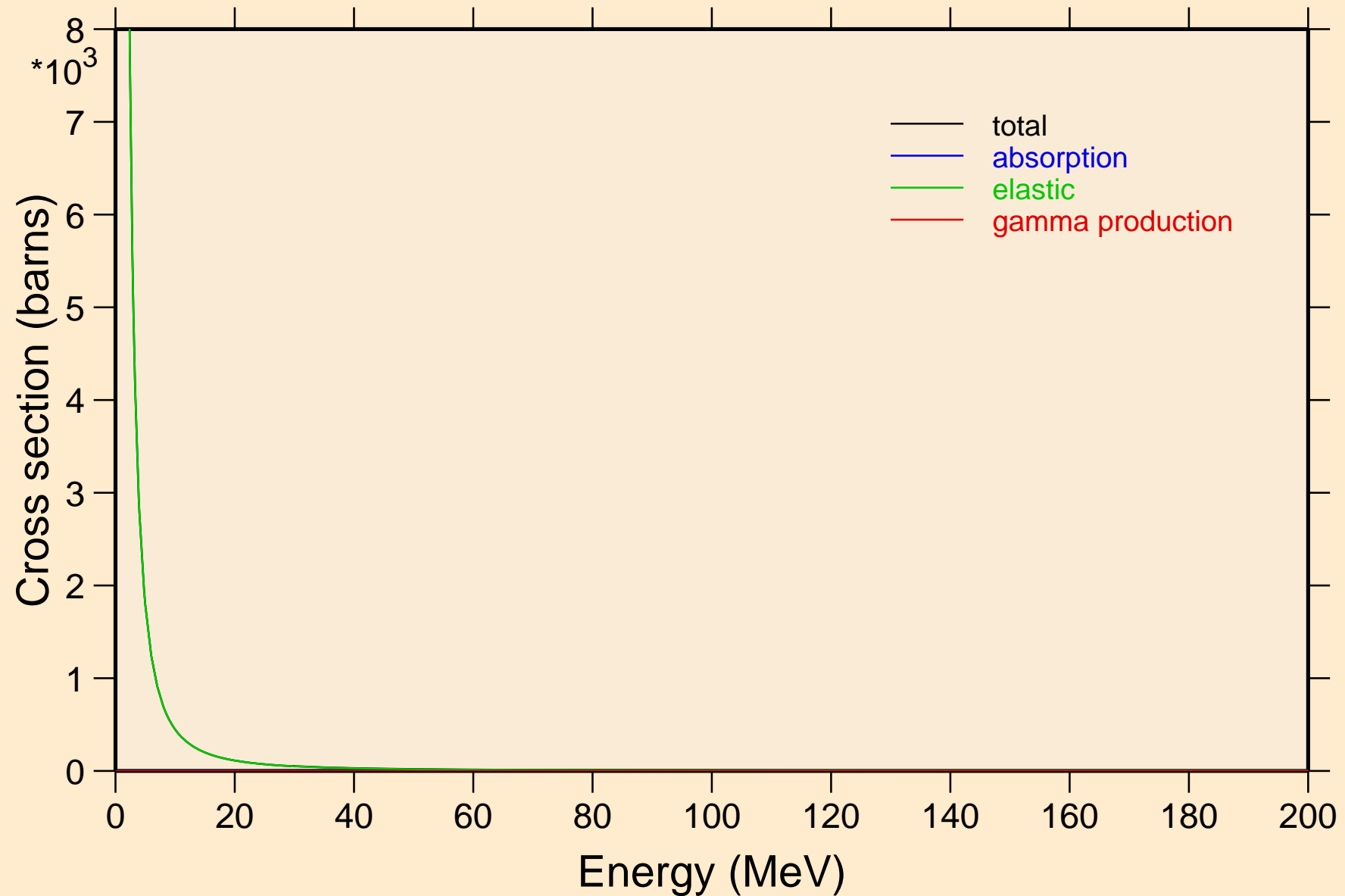
# AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



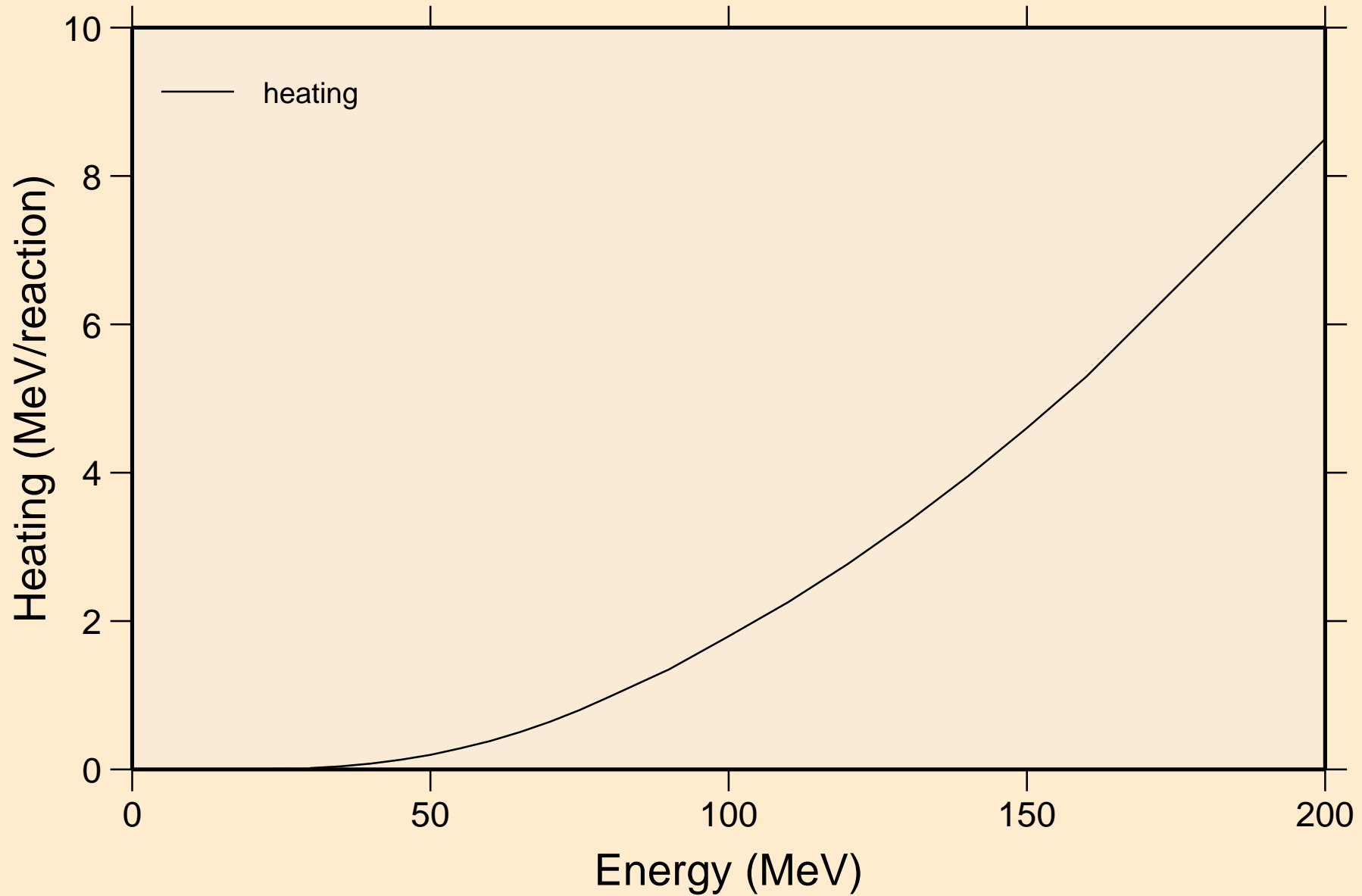
# AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

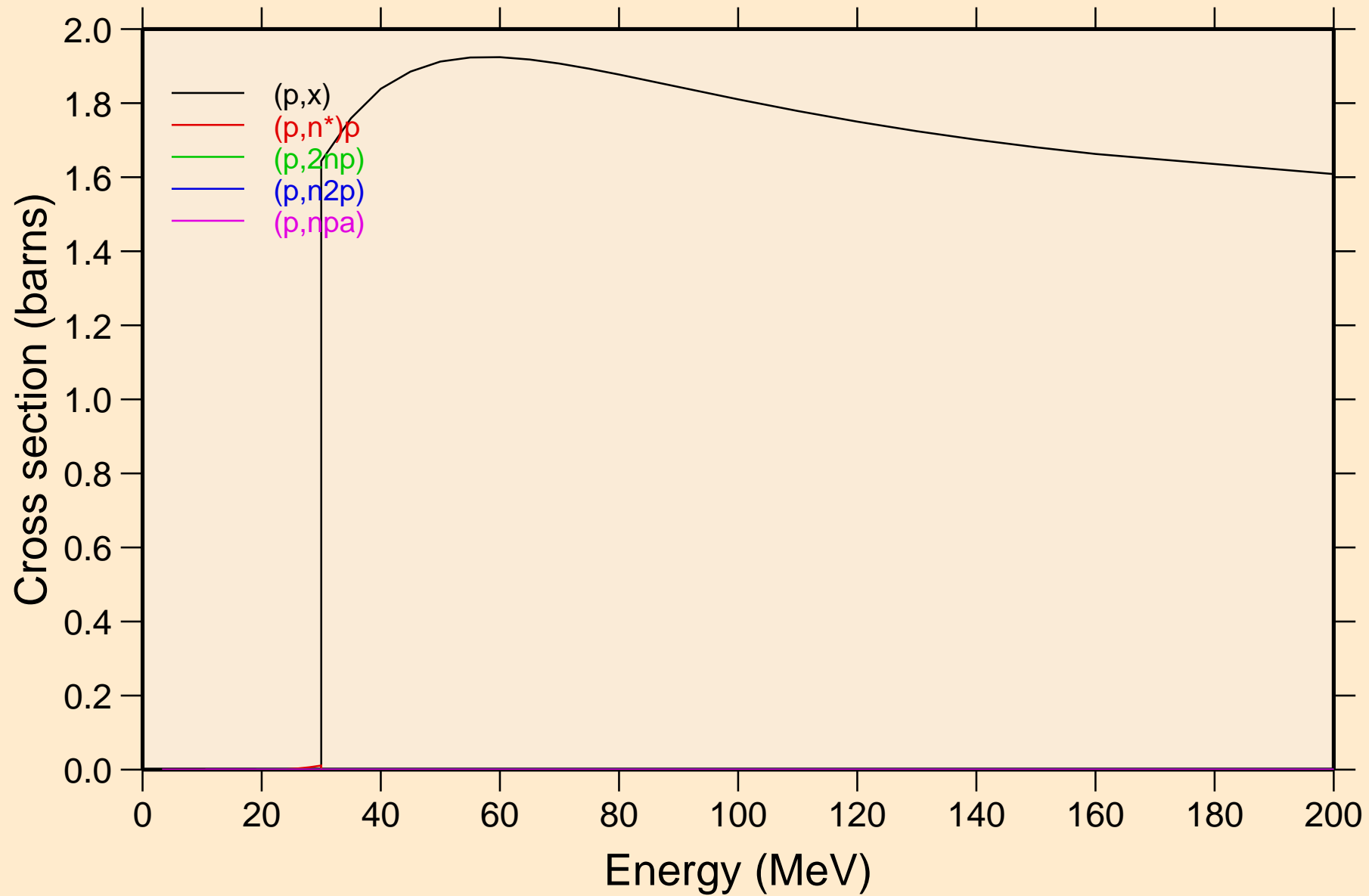


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K

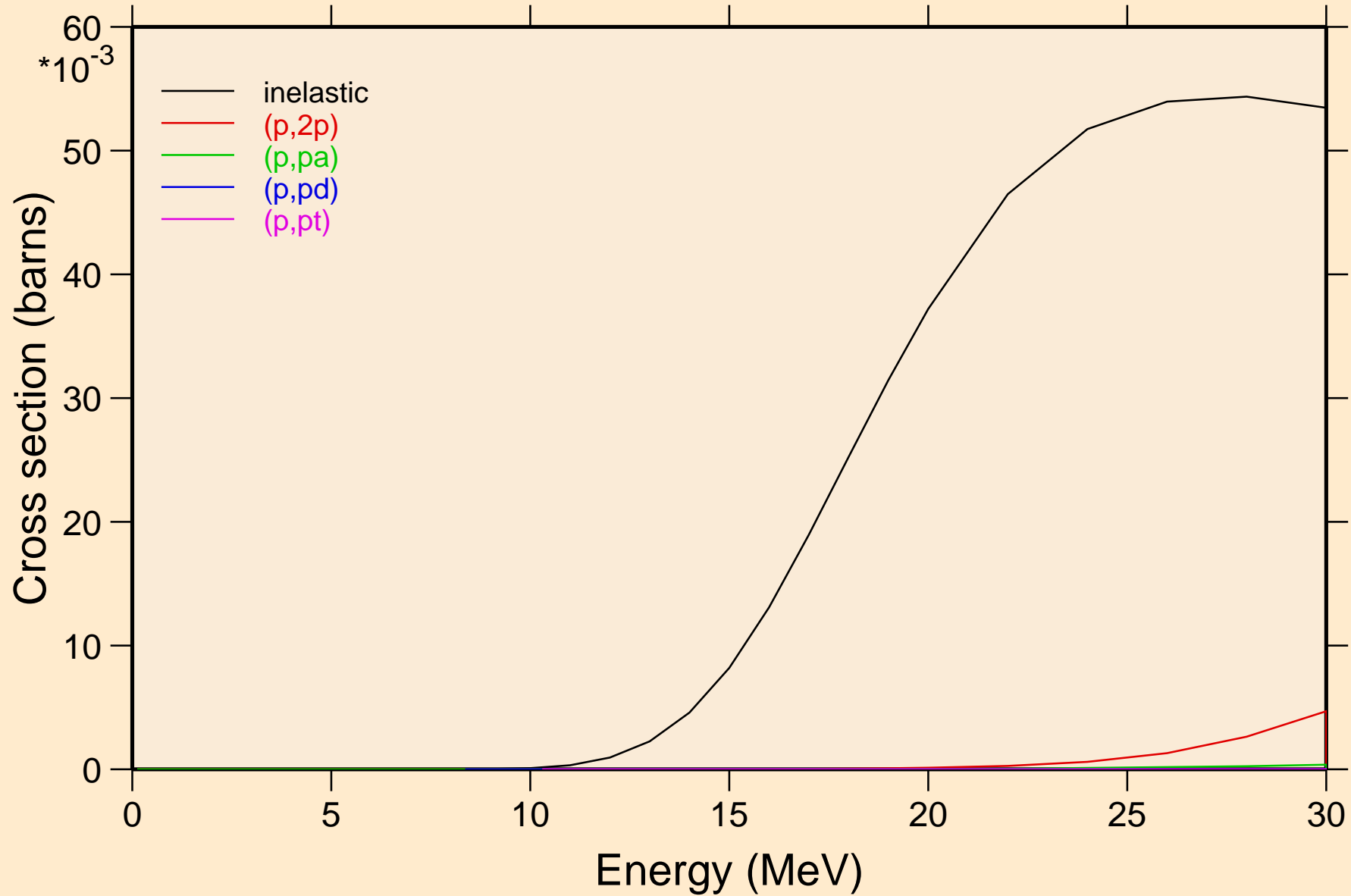
Heating



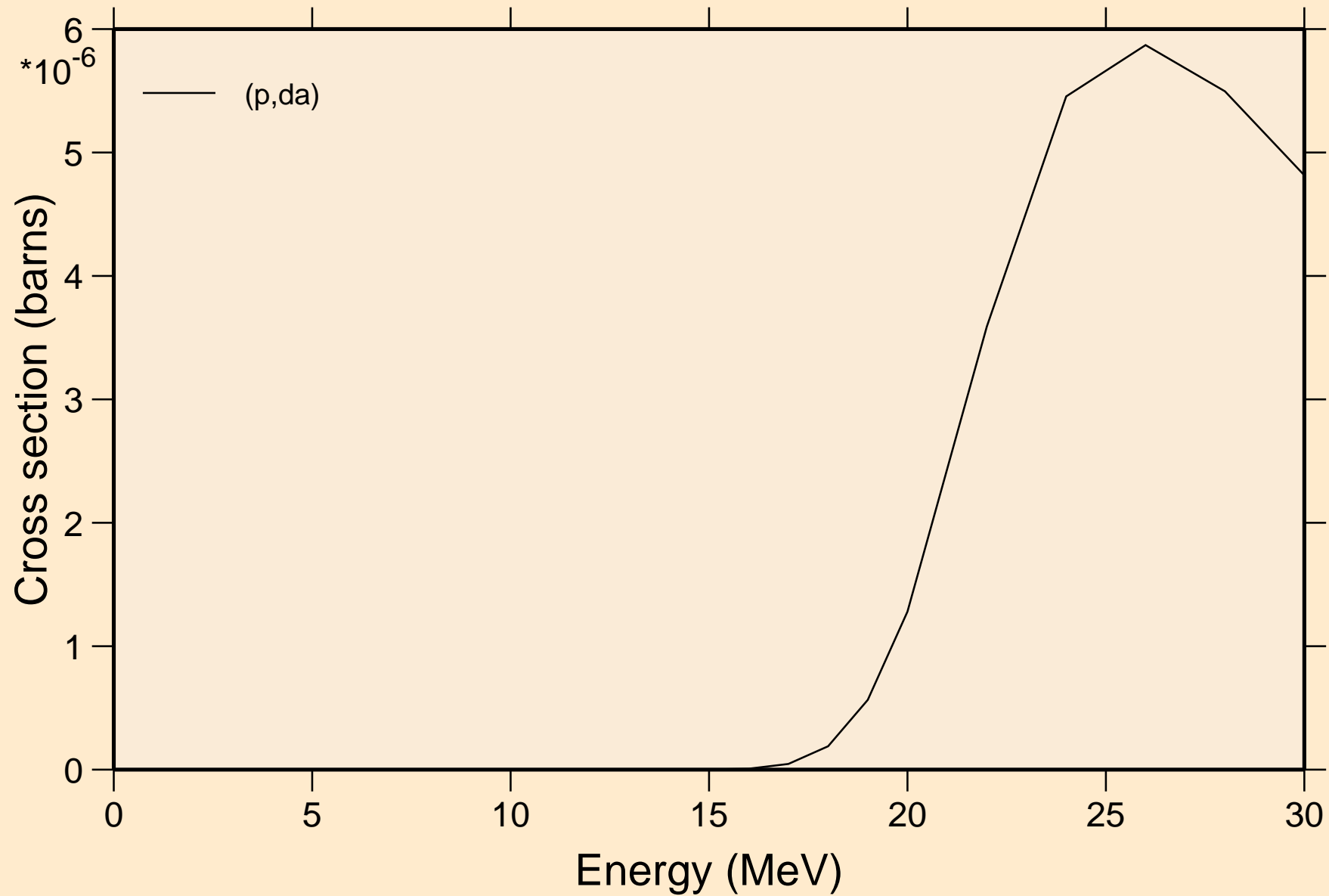
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



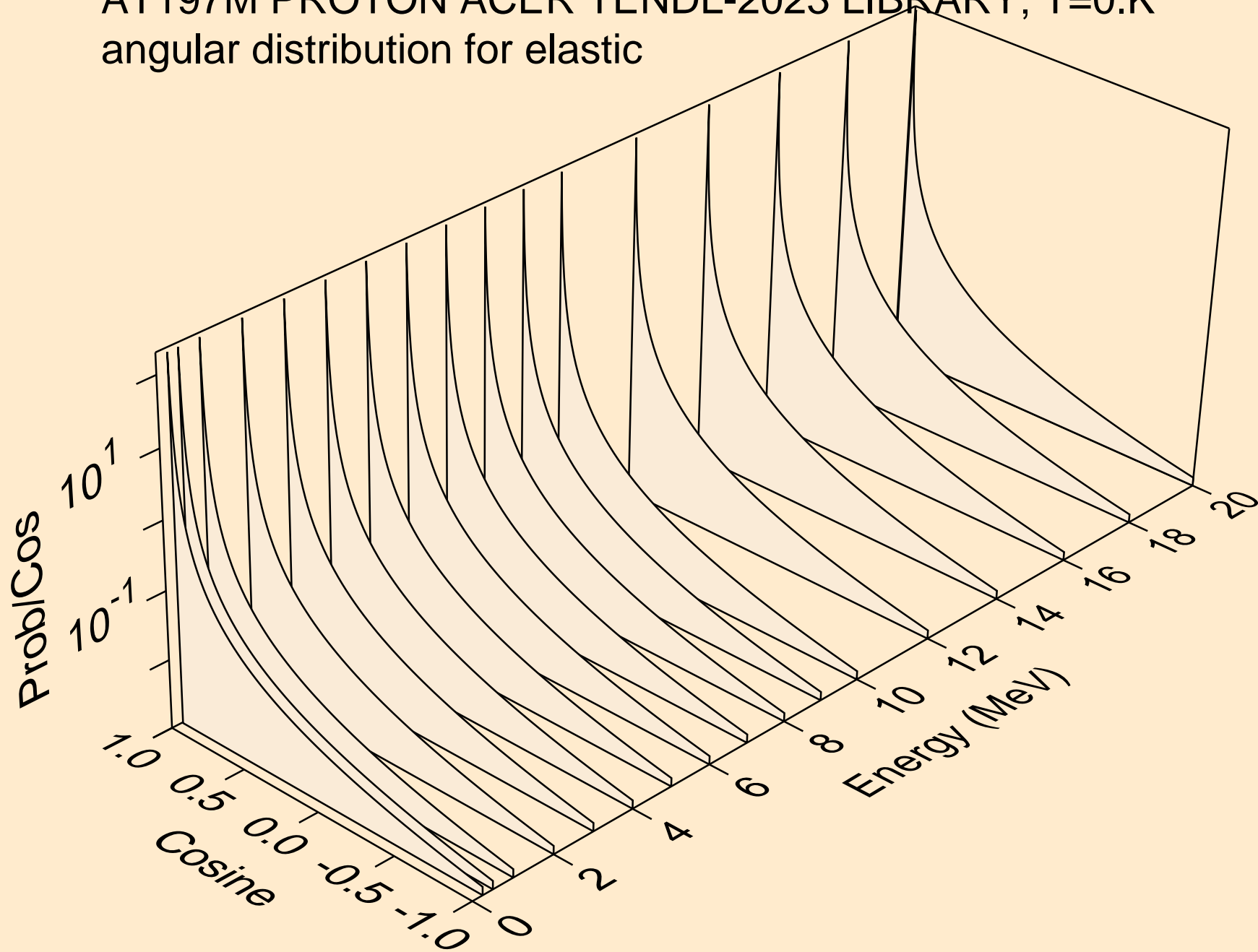
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

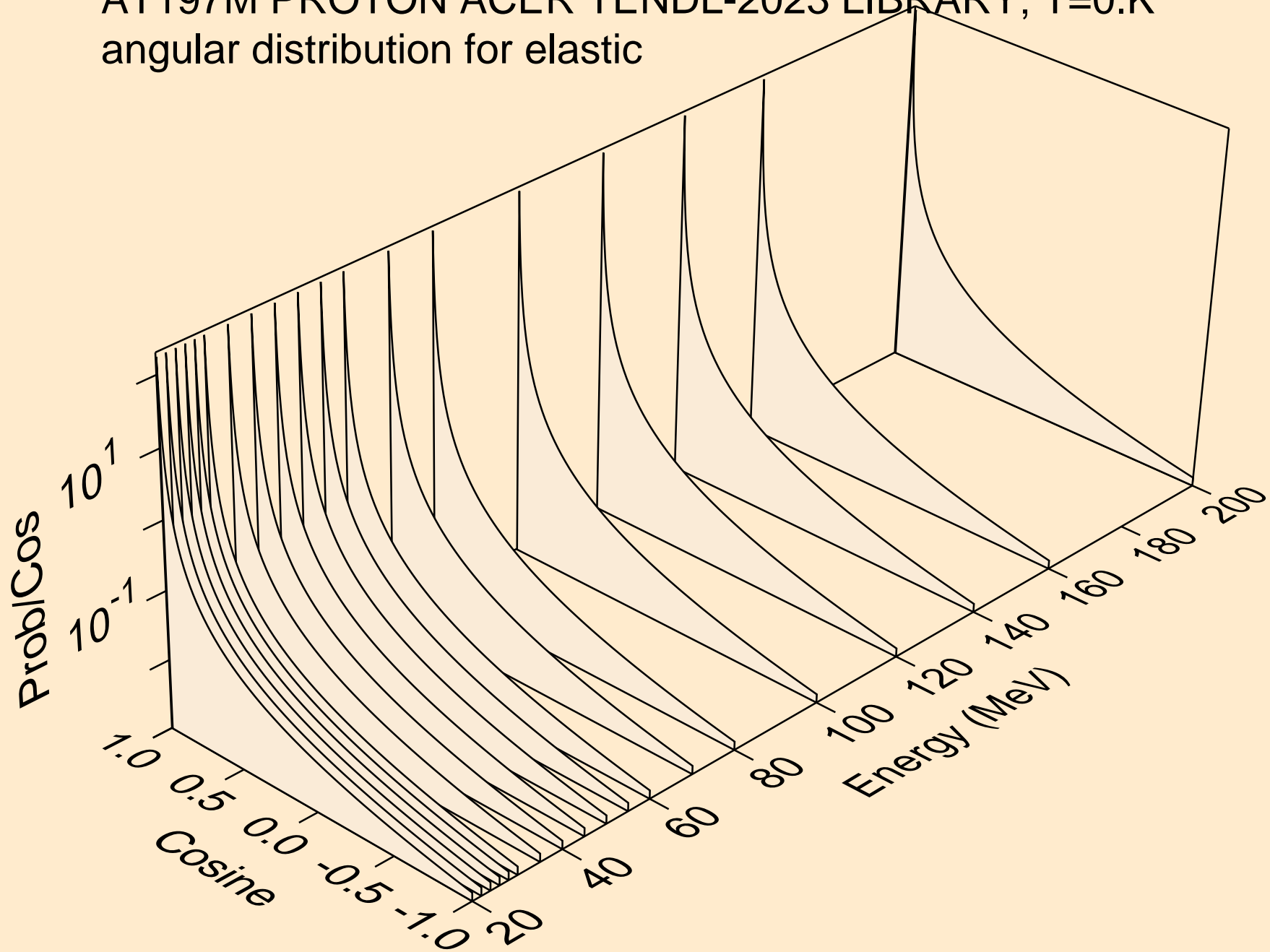


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

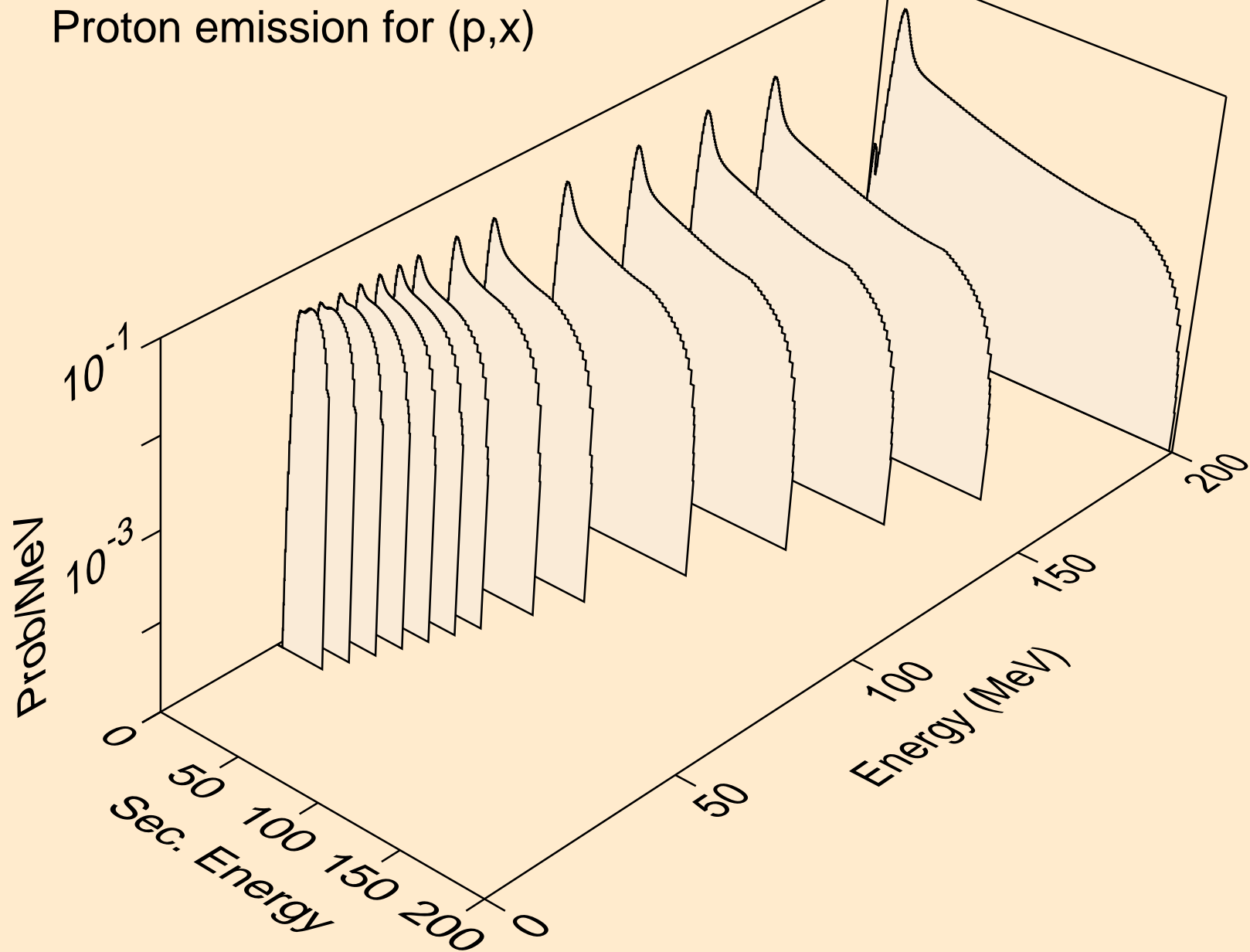




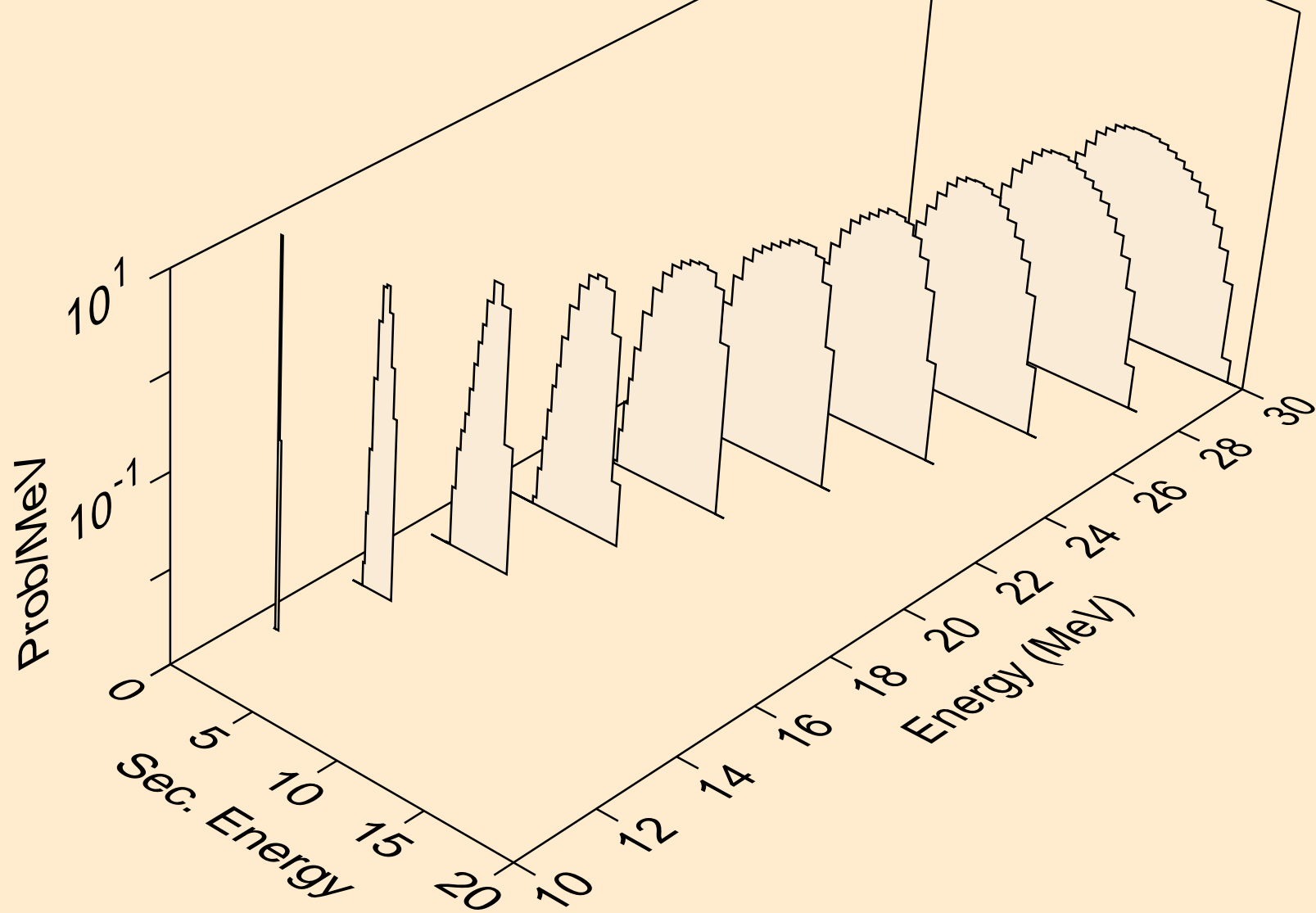
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



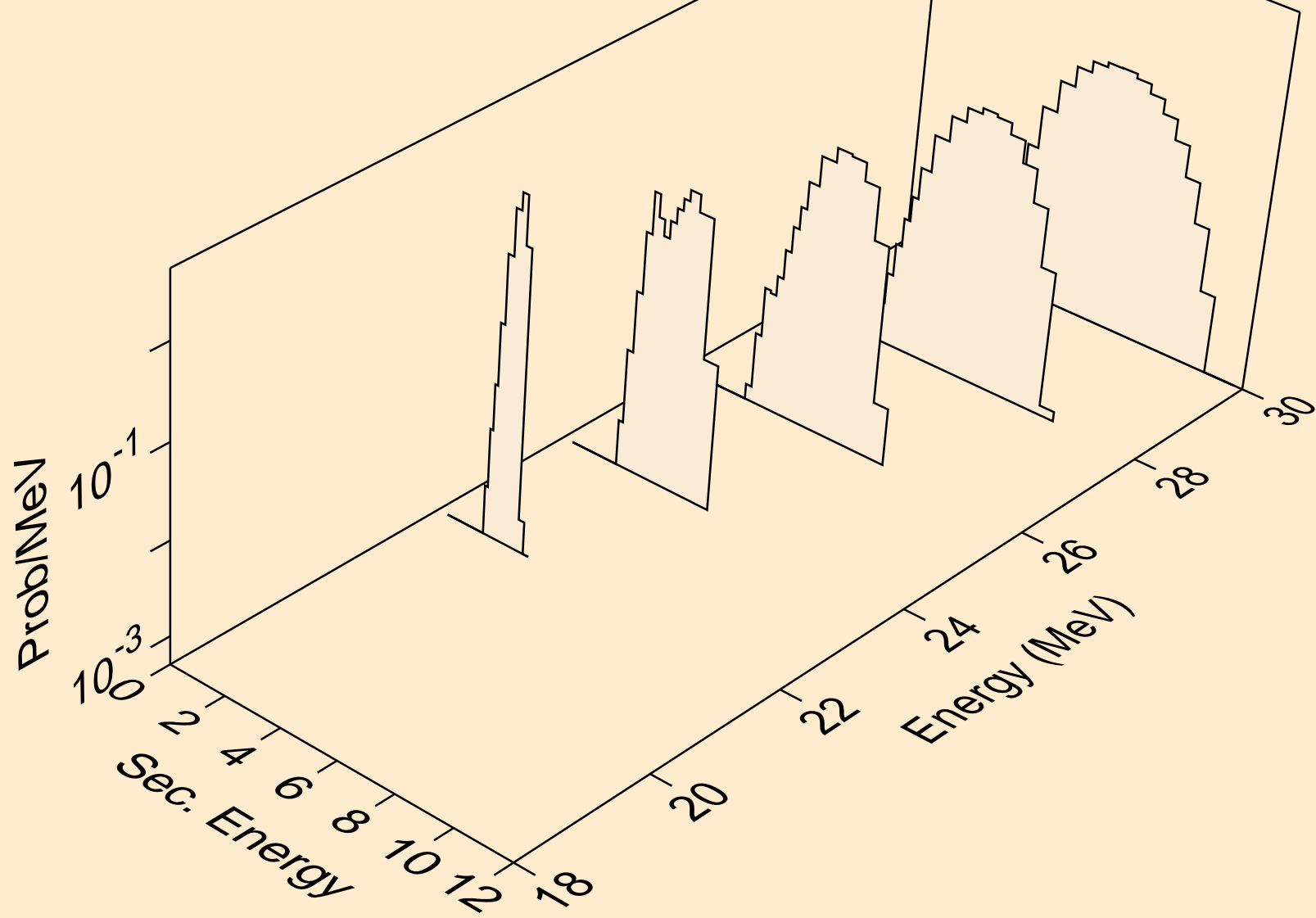
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



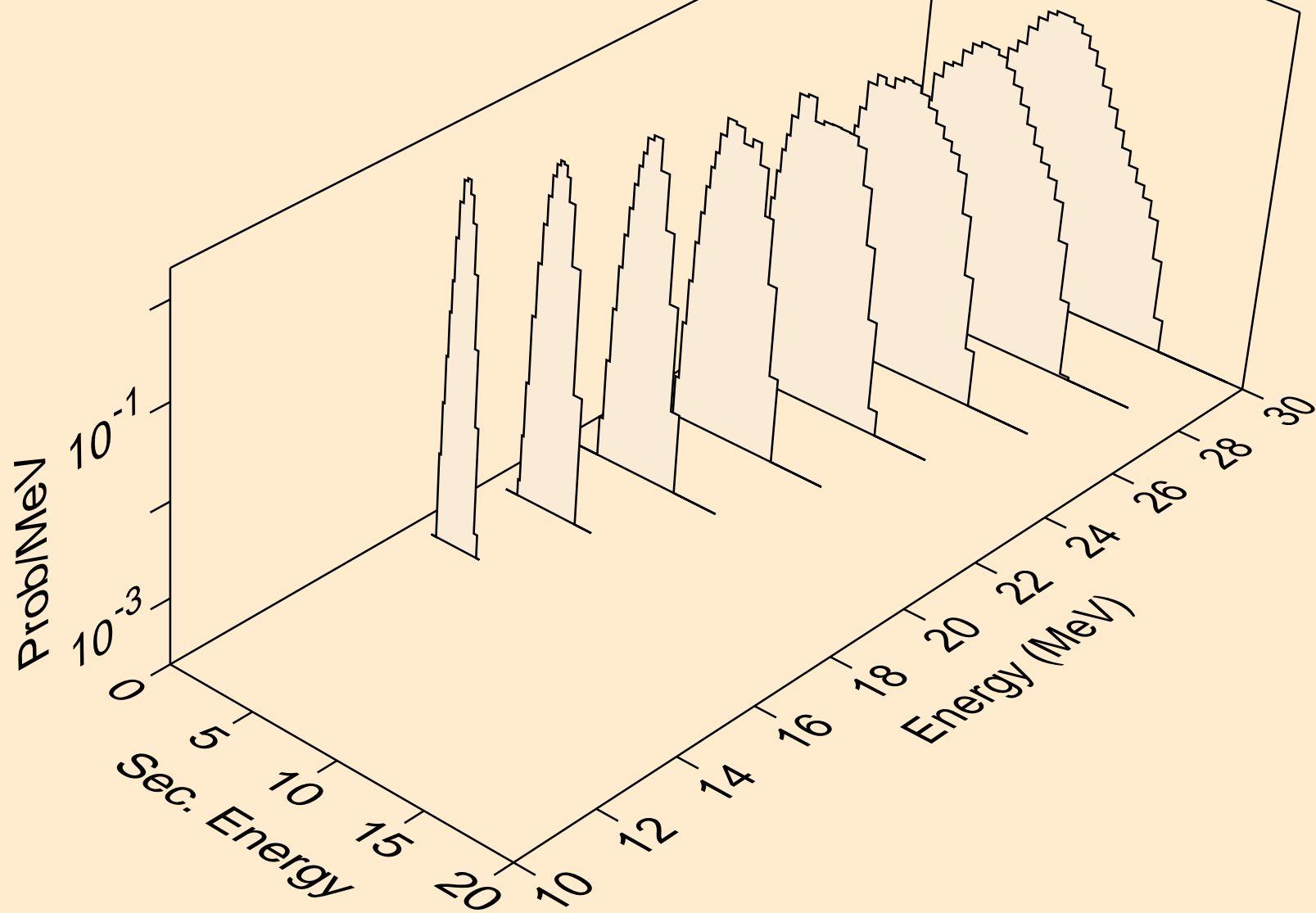
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



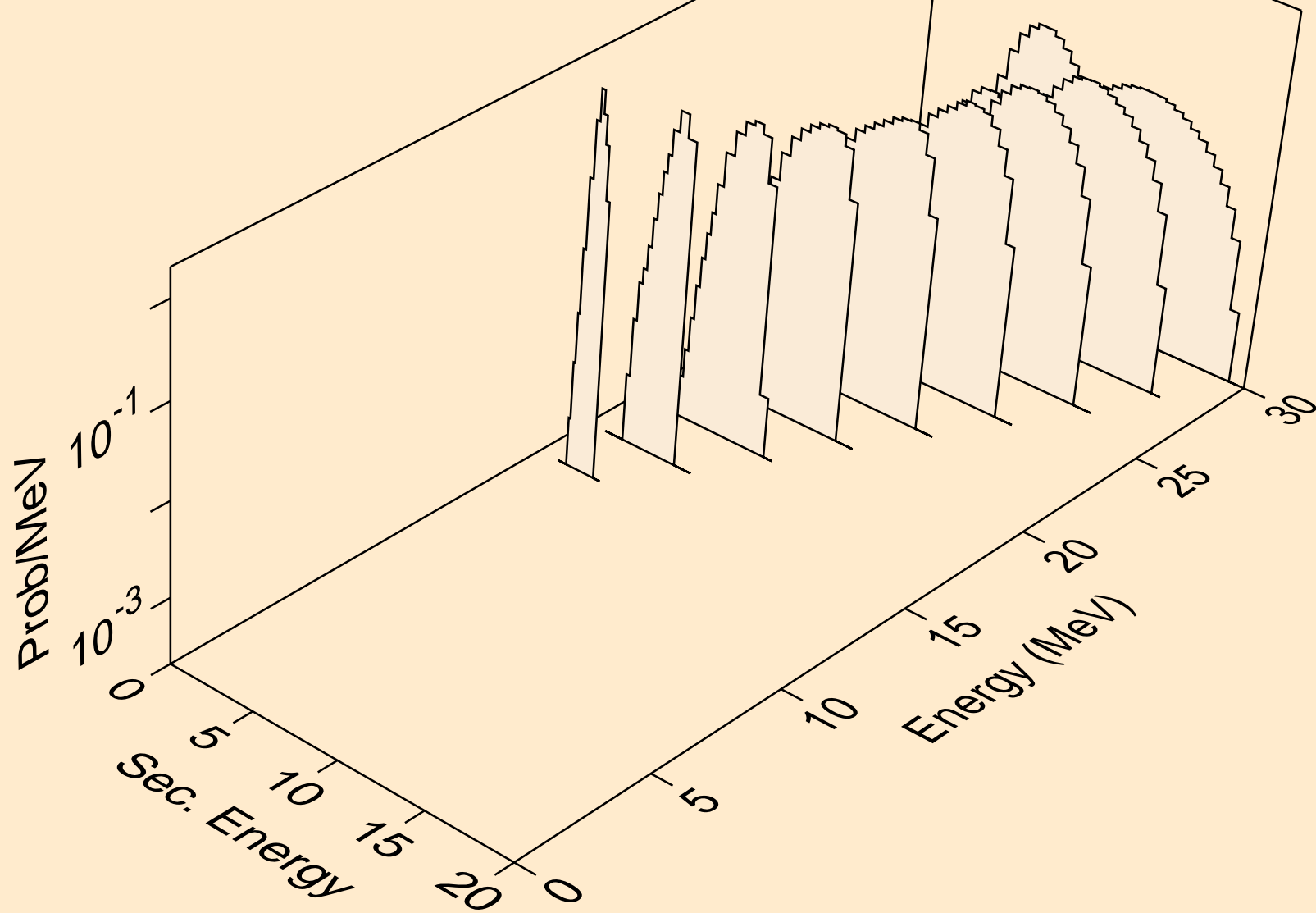
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



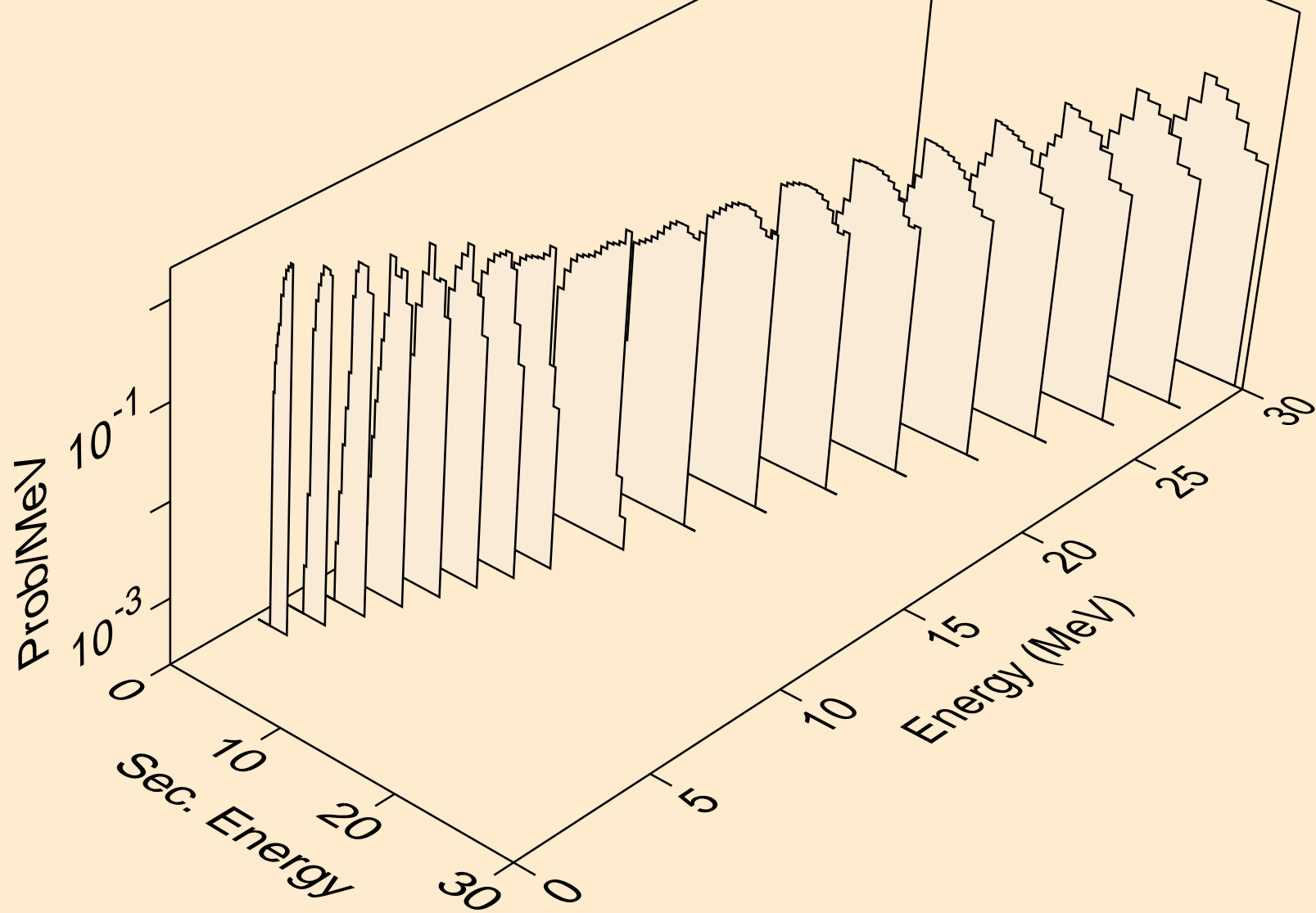
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



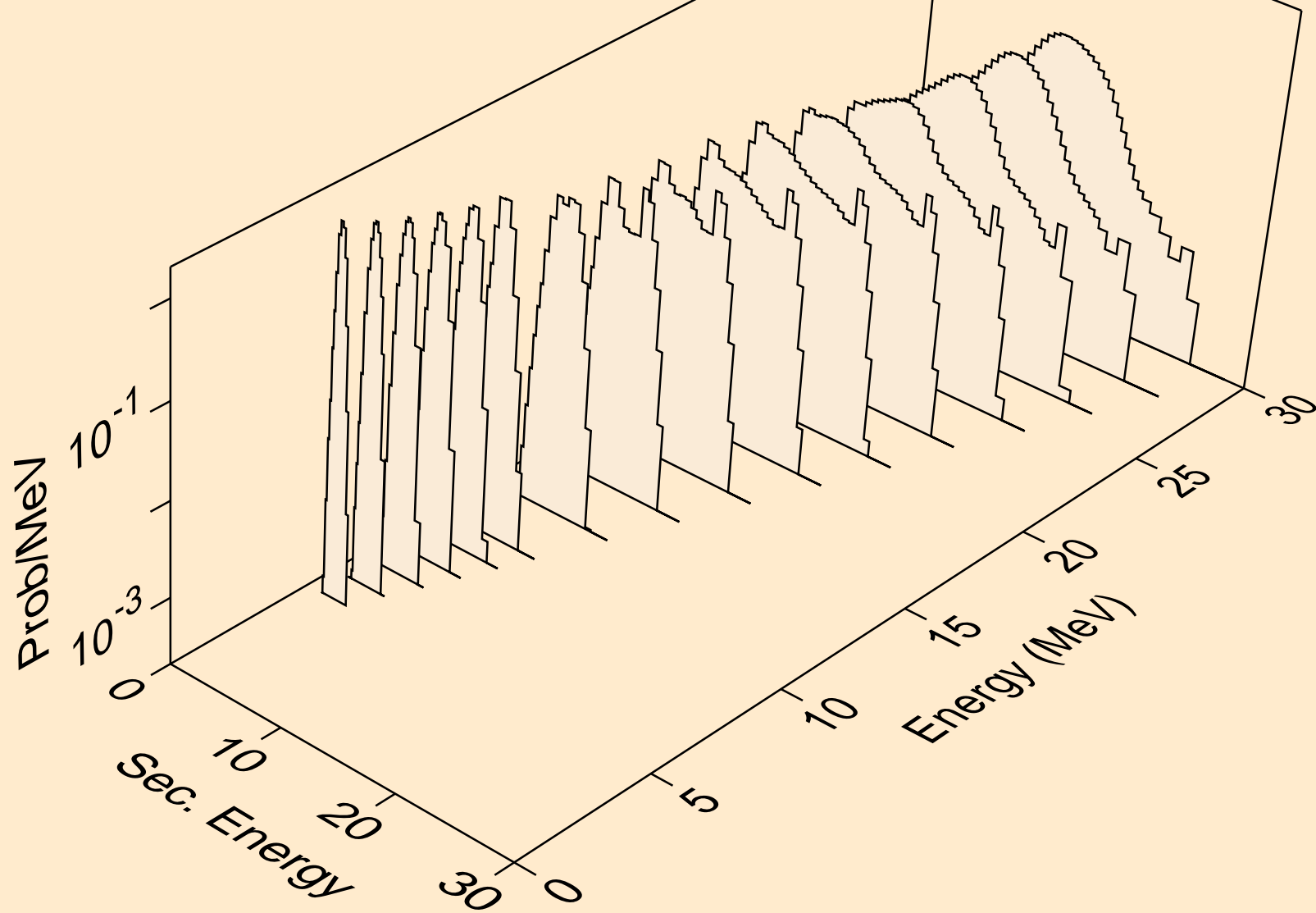
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

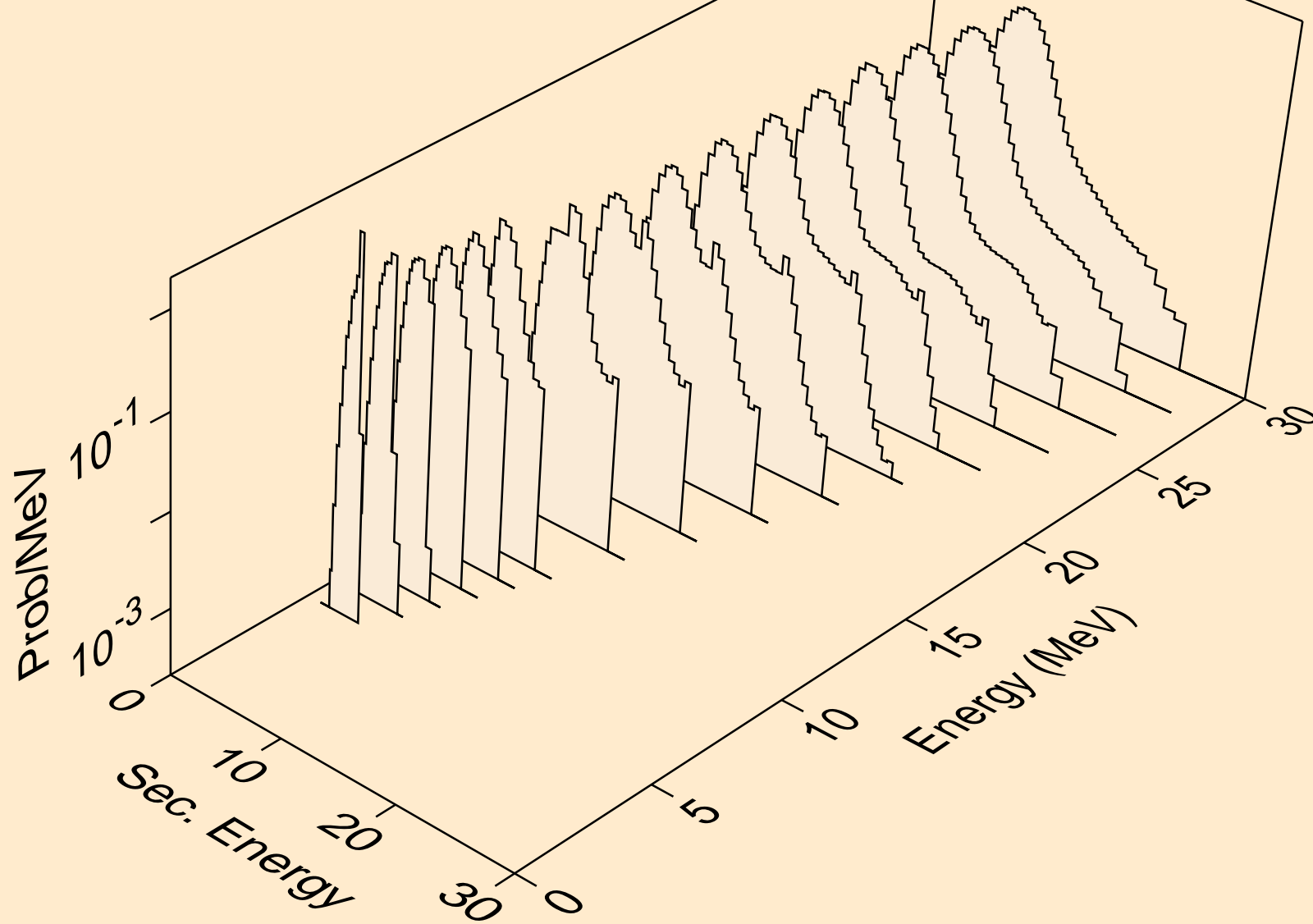


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

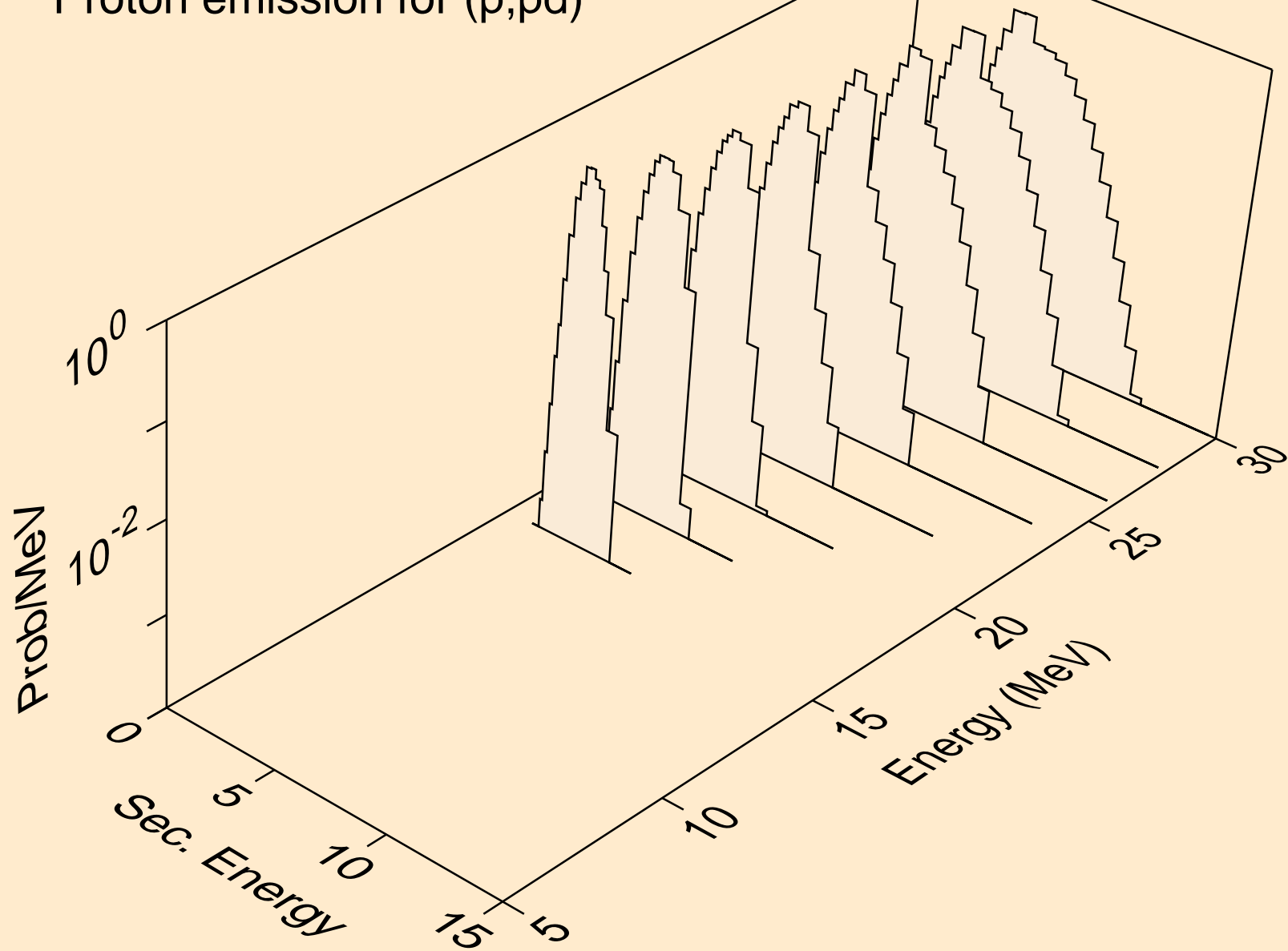




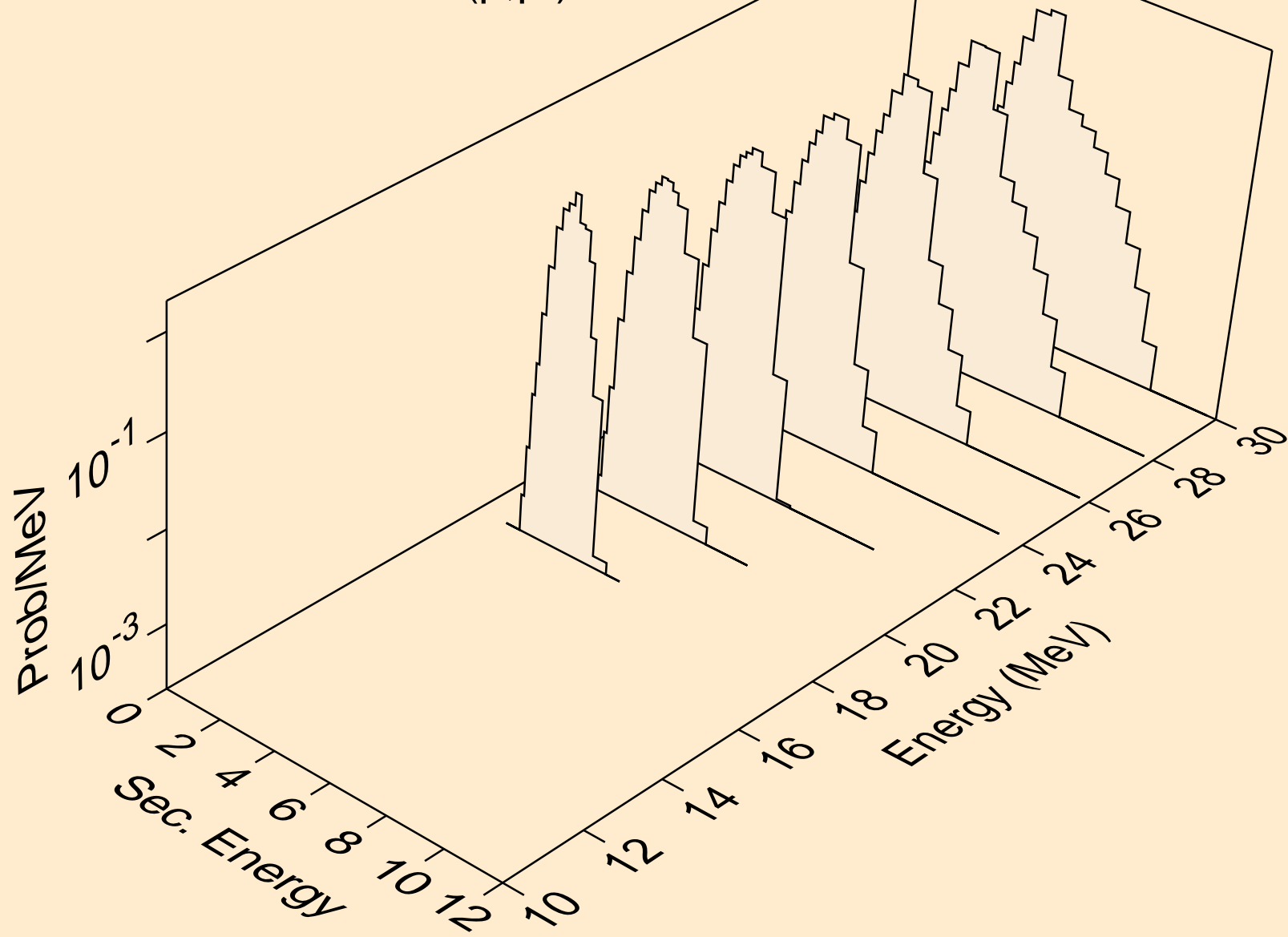
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



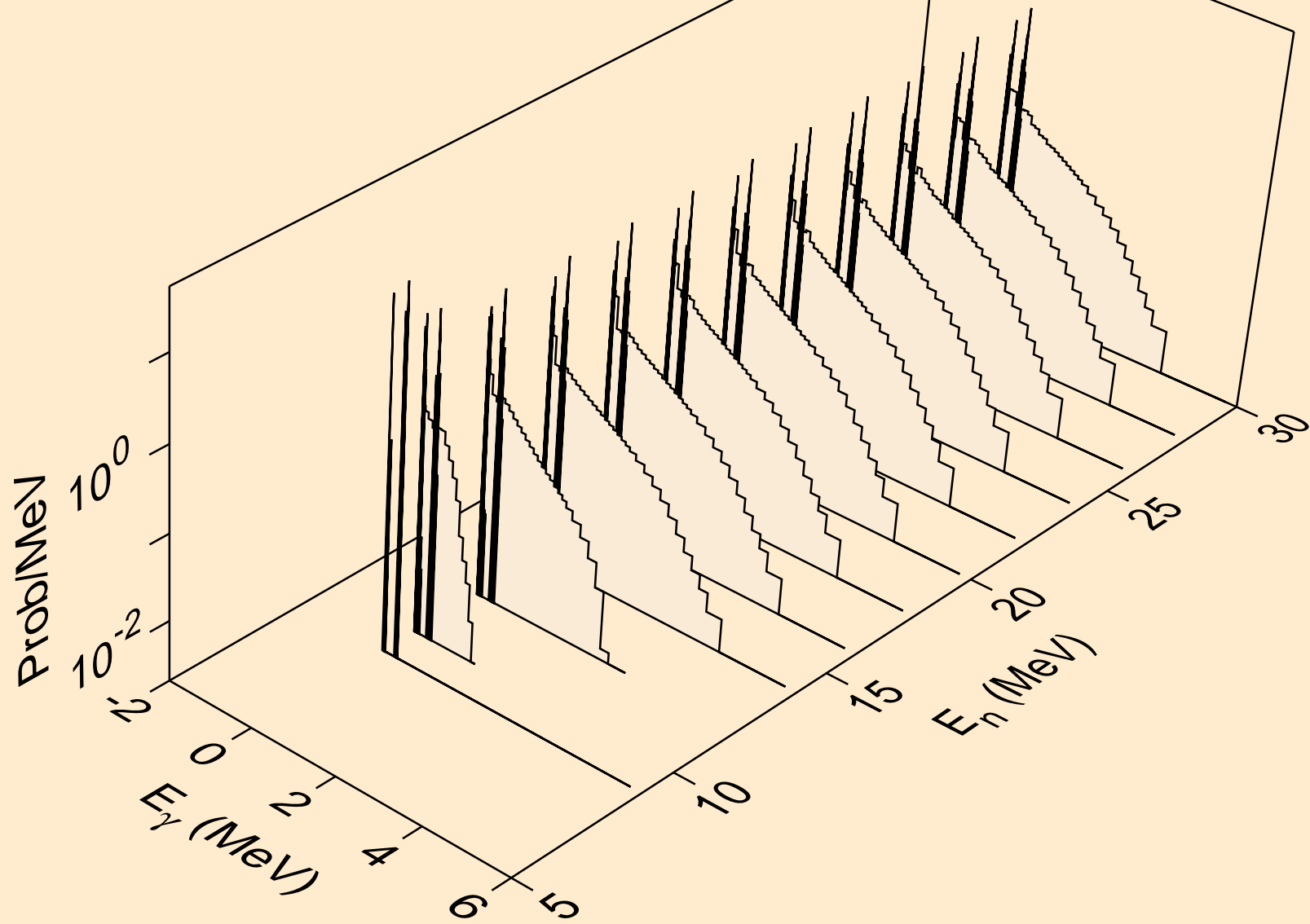
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



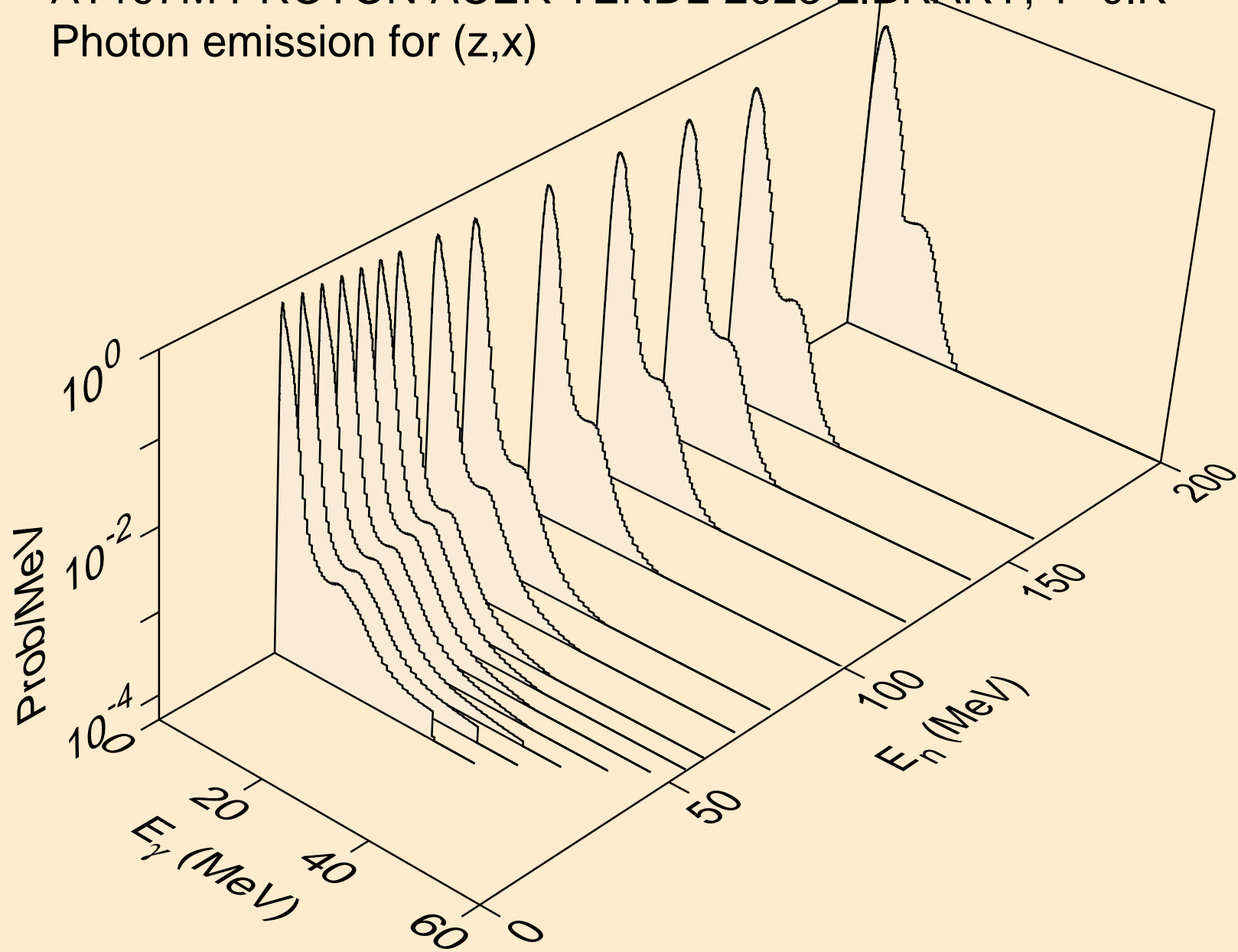
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



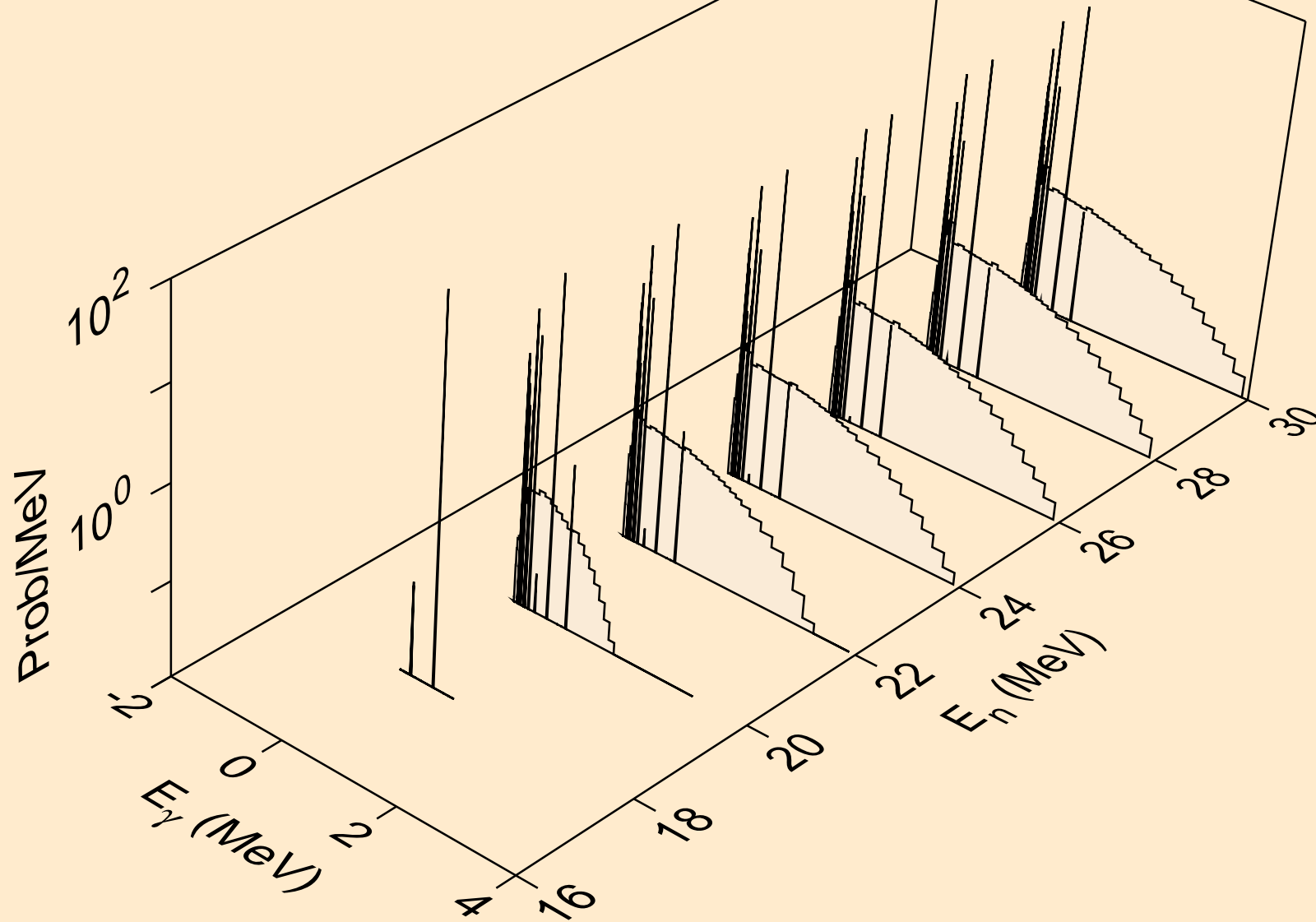
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



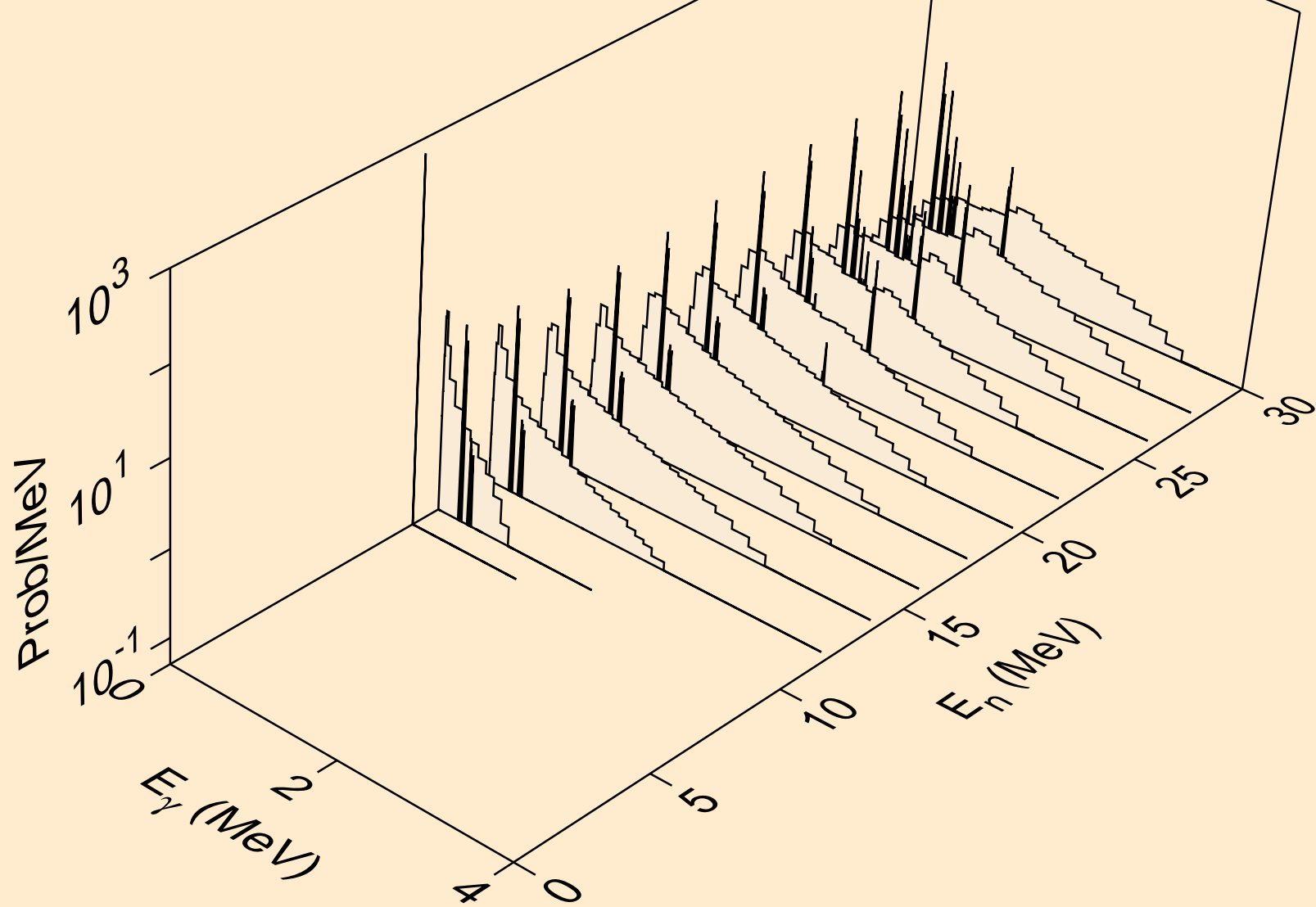
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



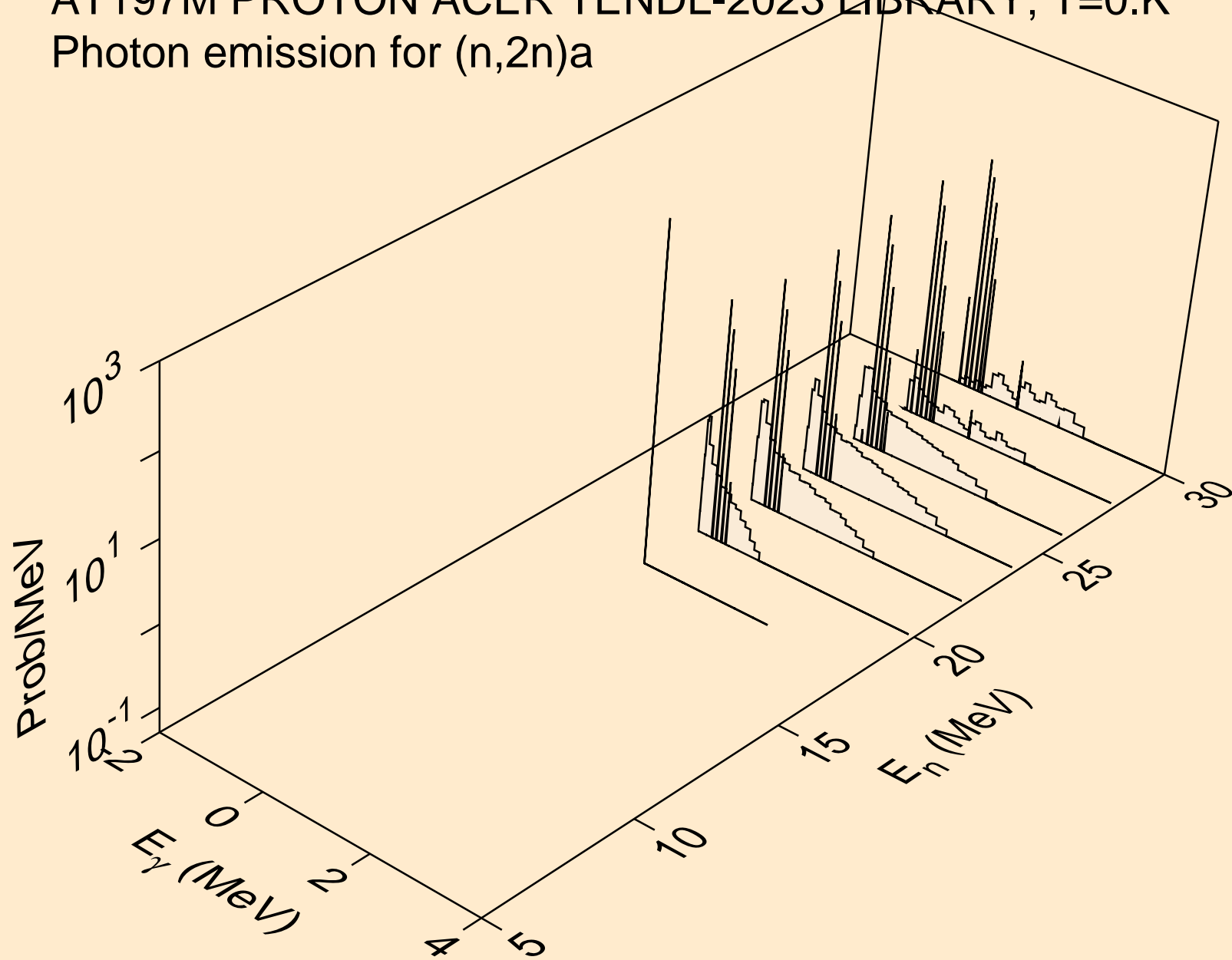
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

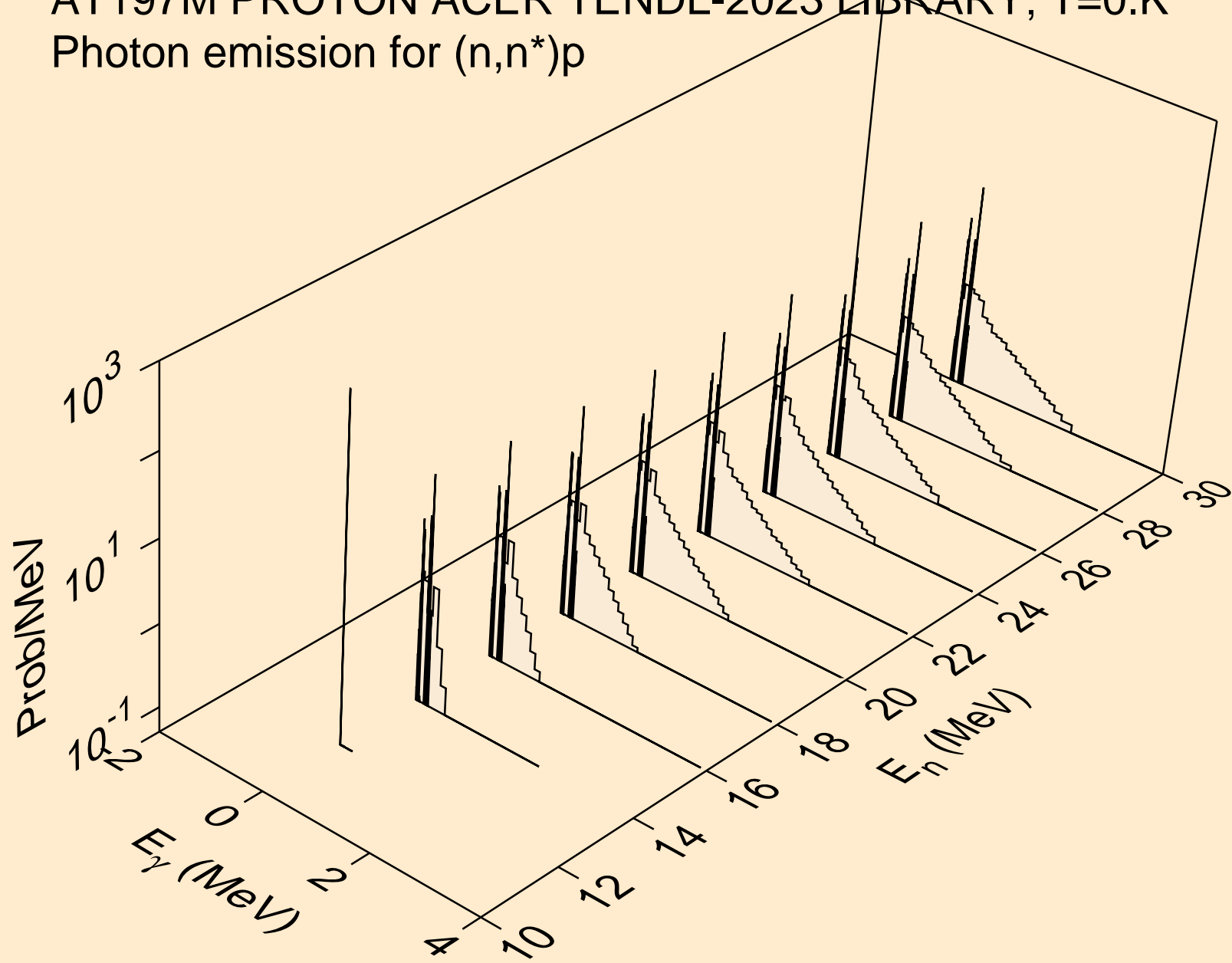


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

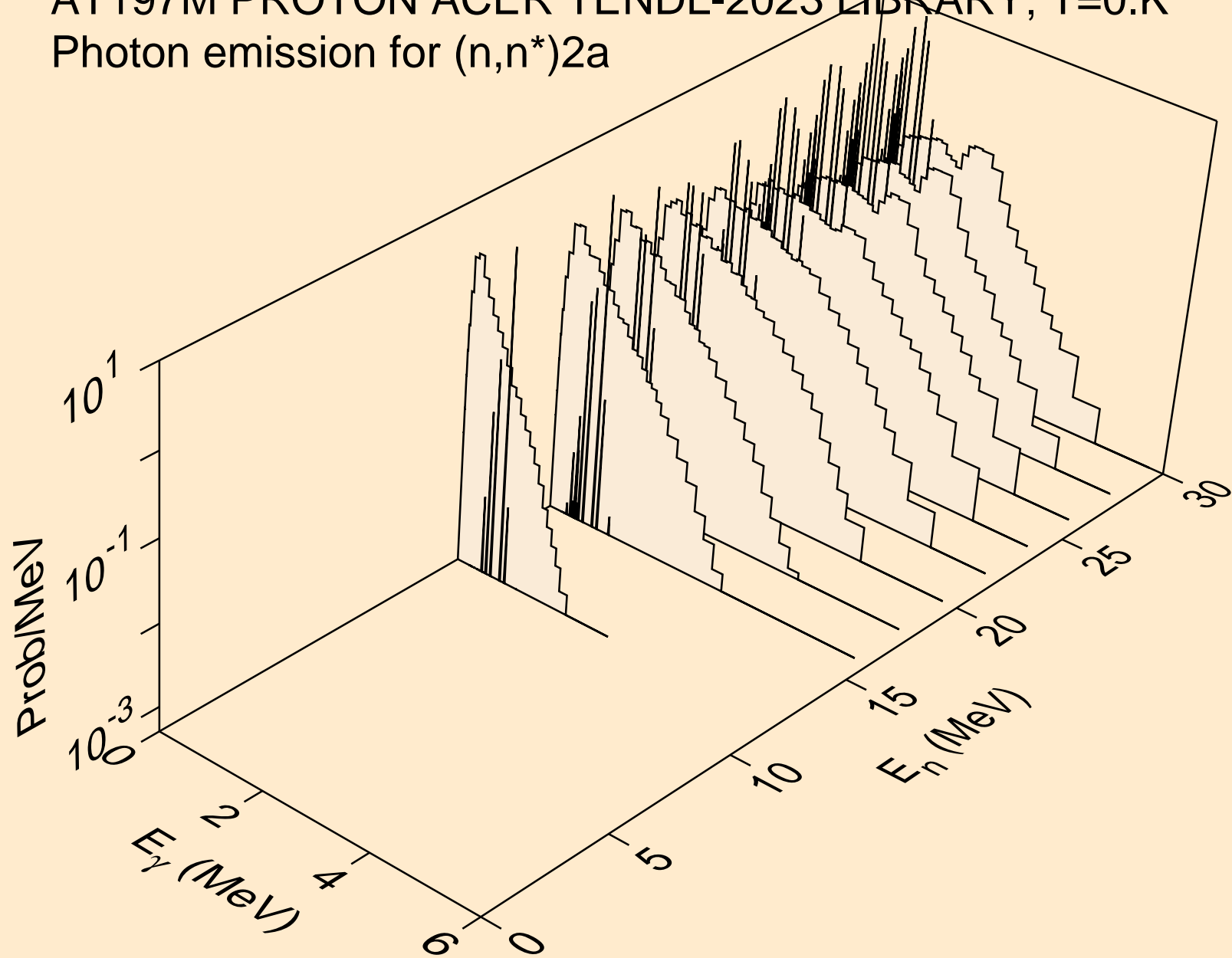




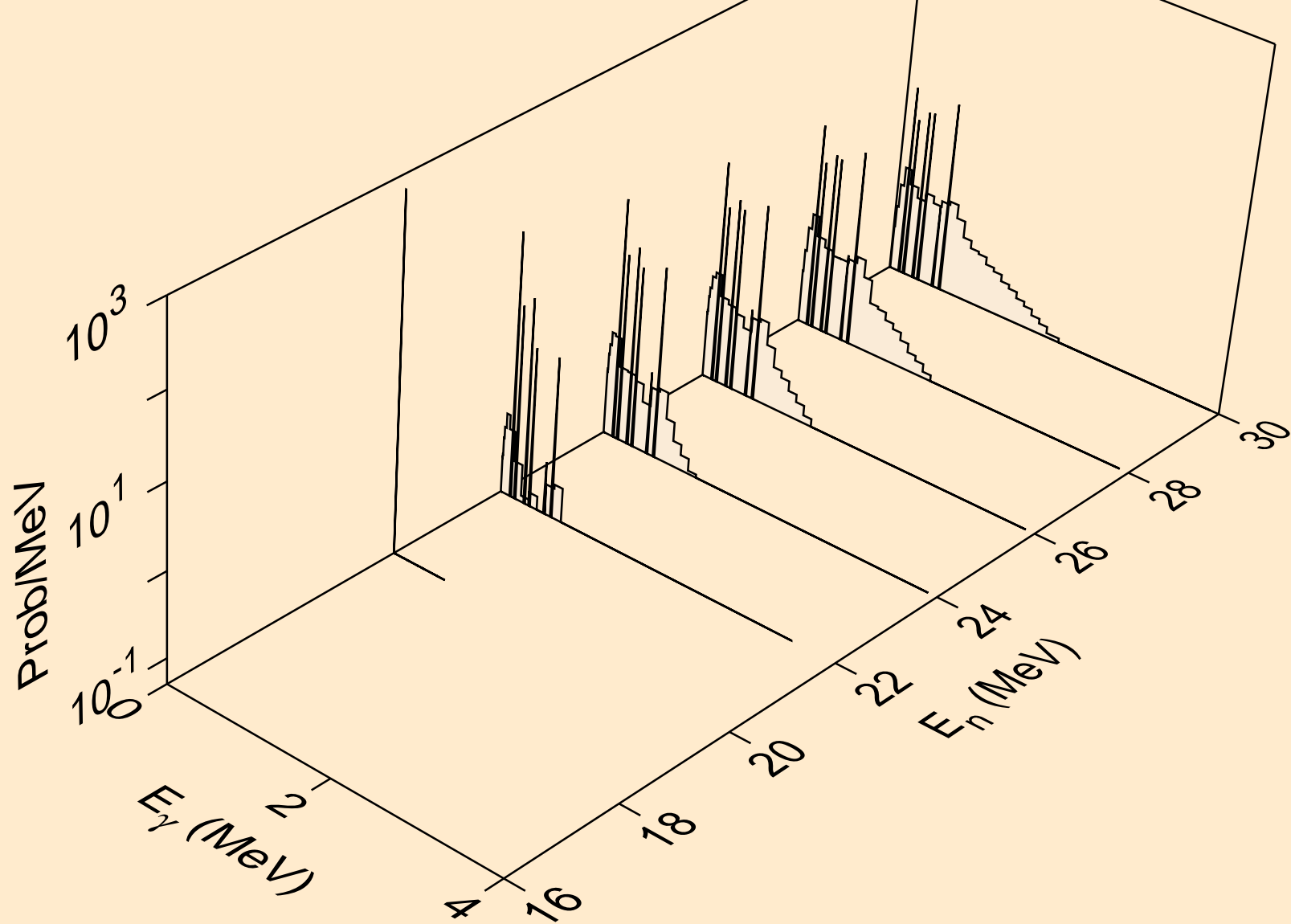
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



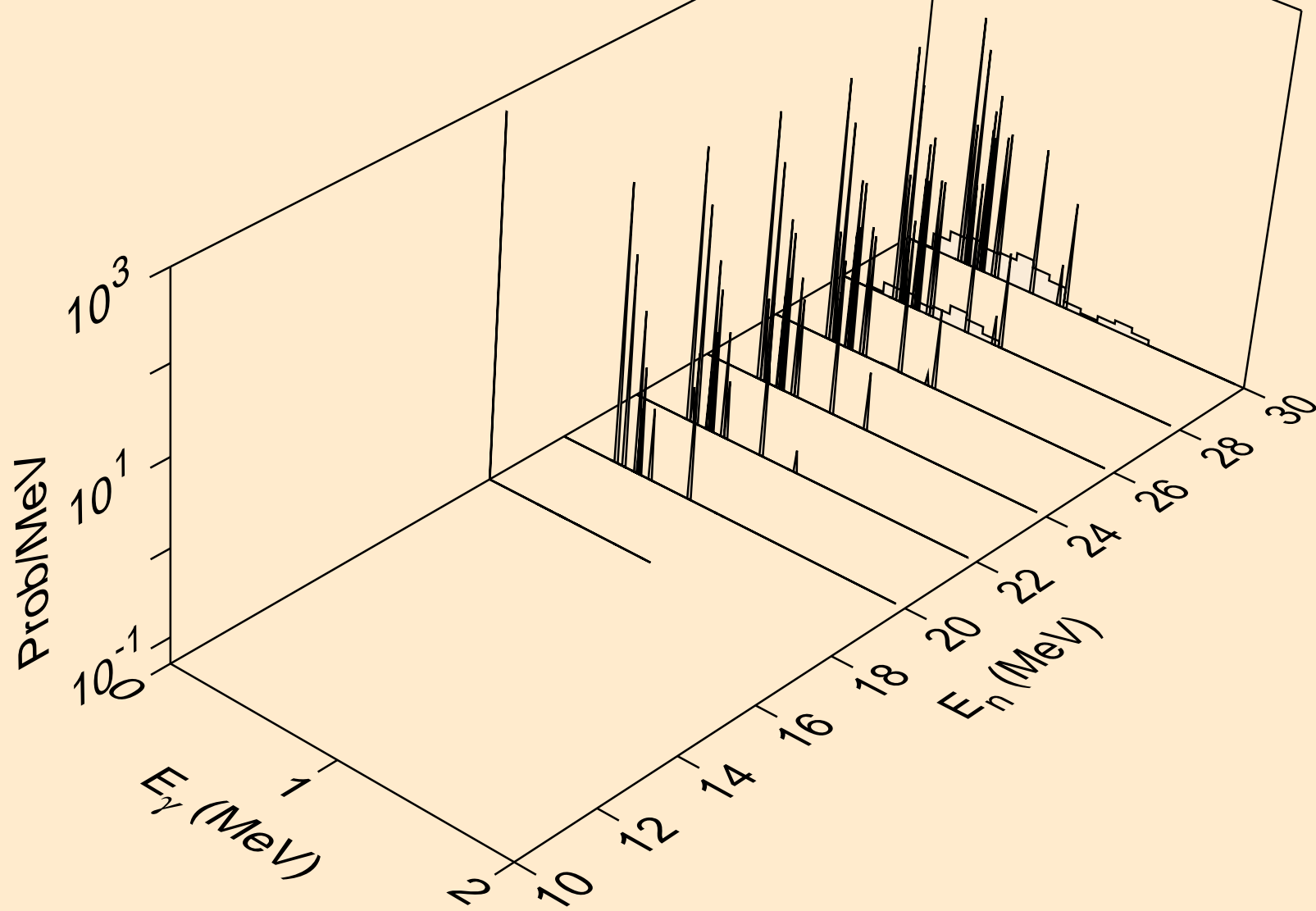
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



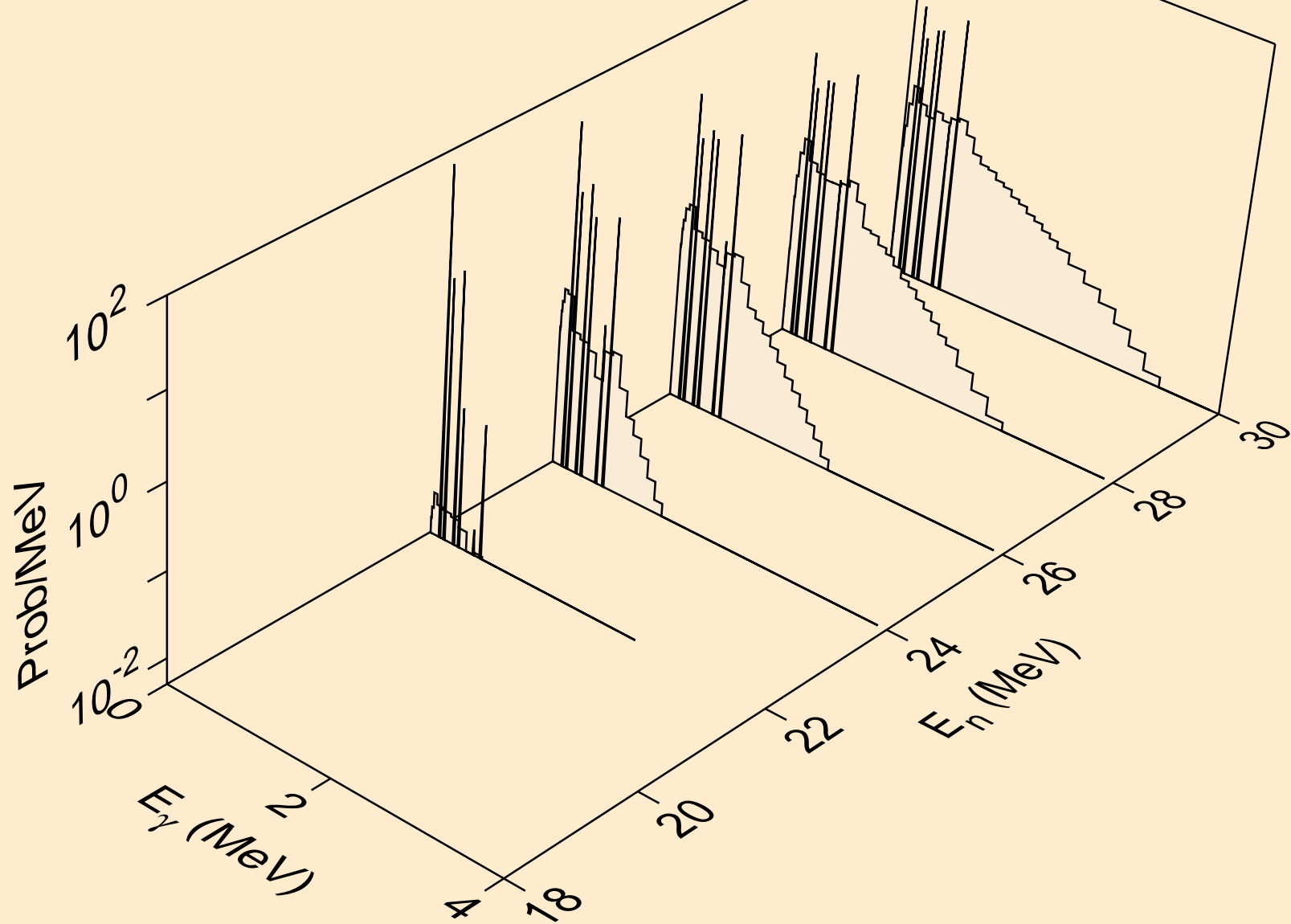
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



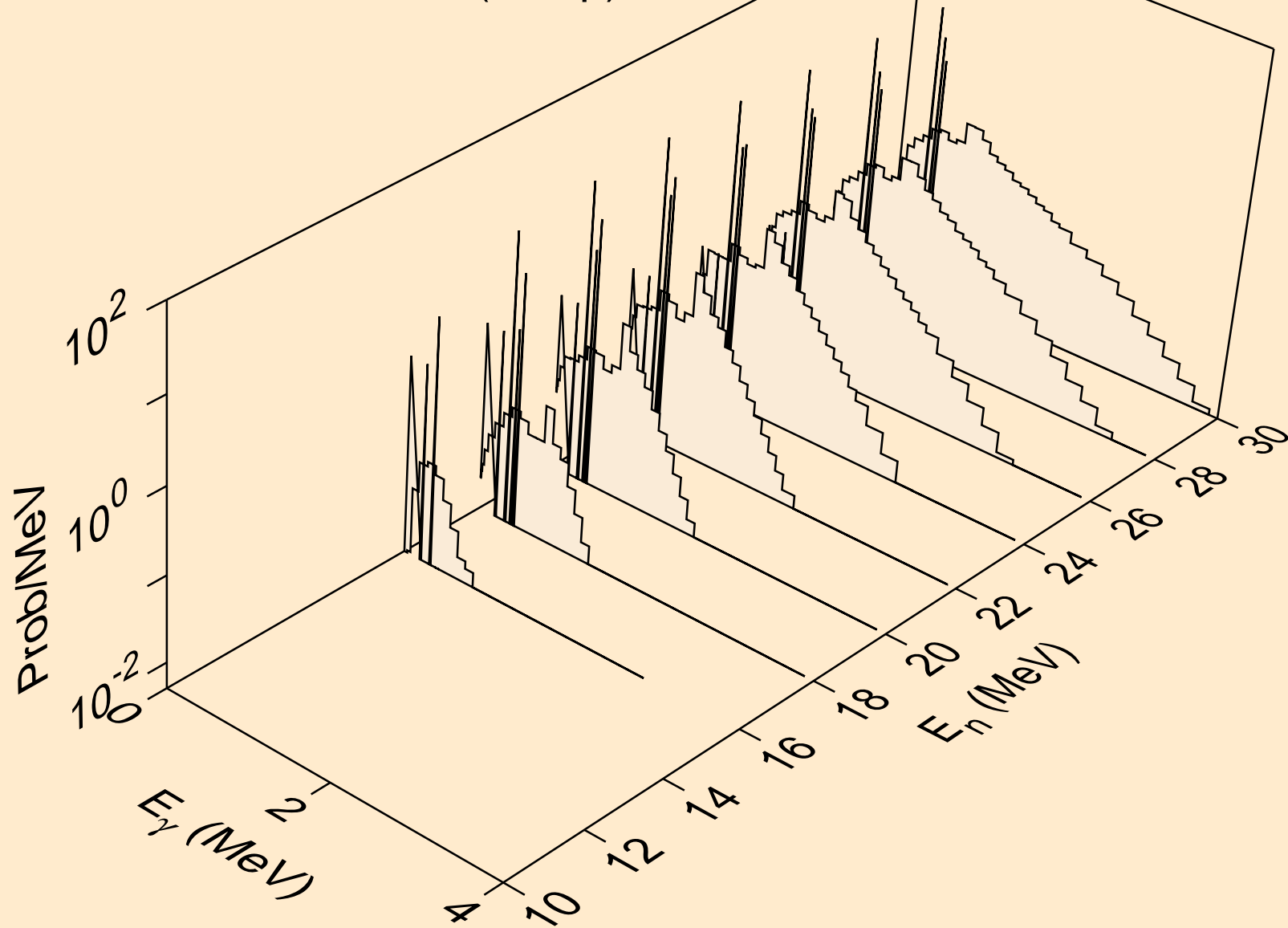
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



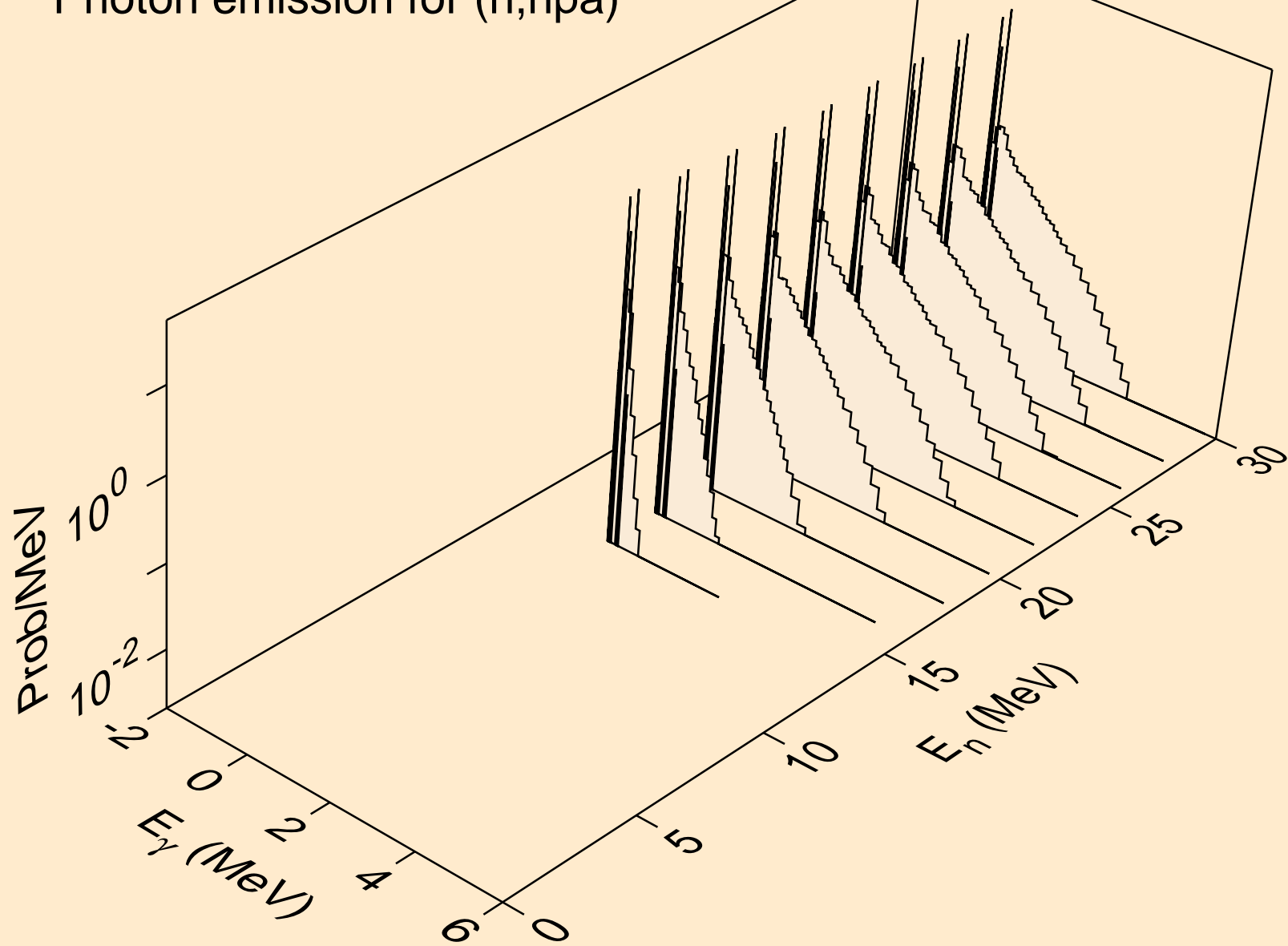
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



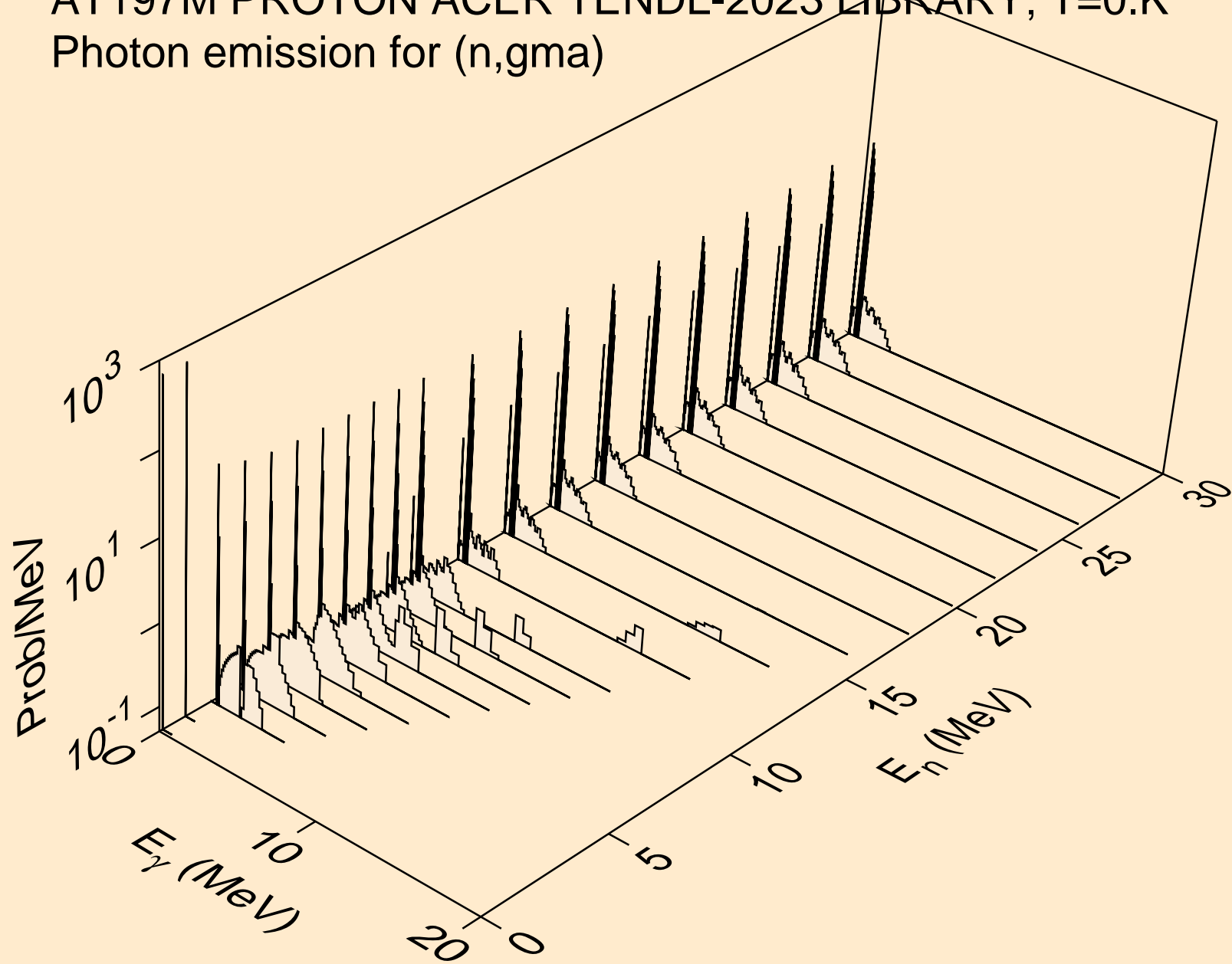
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

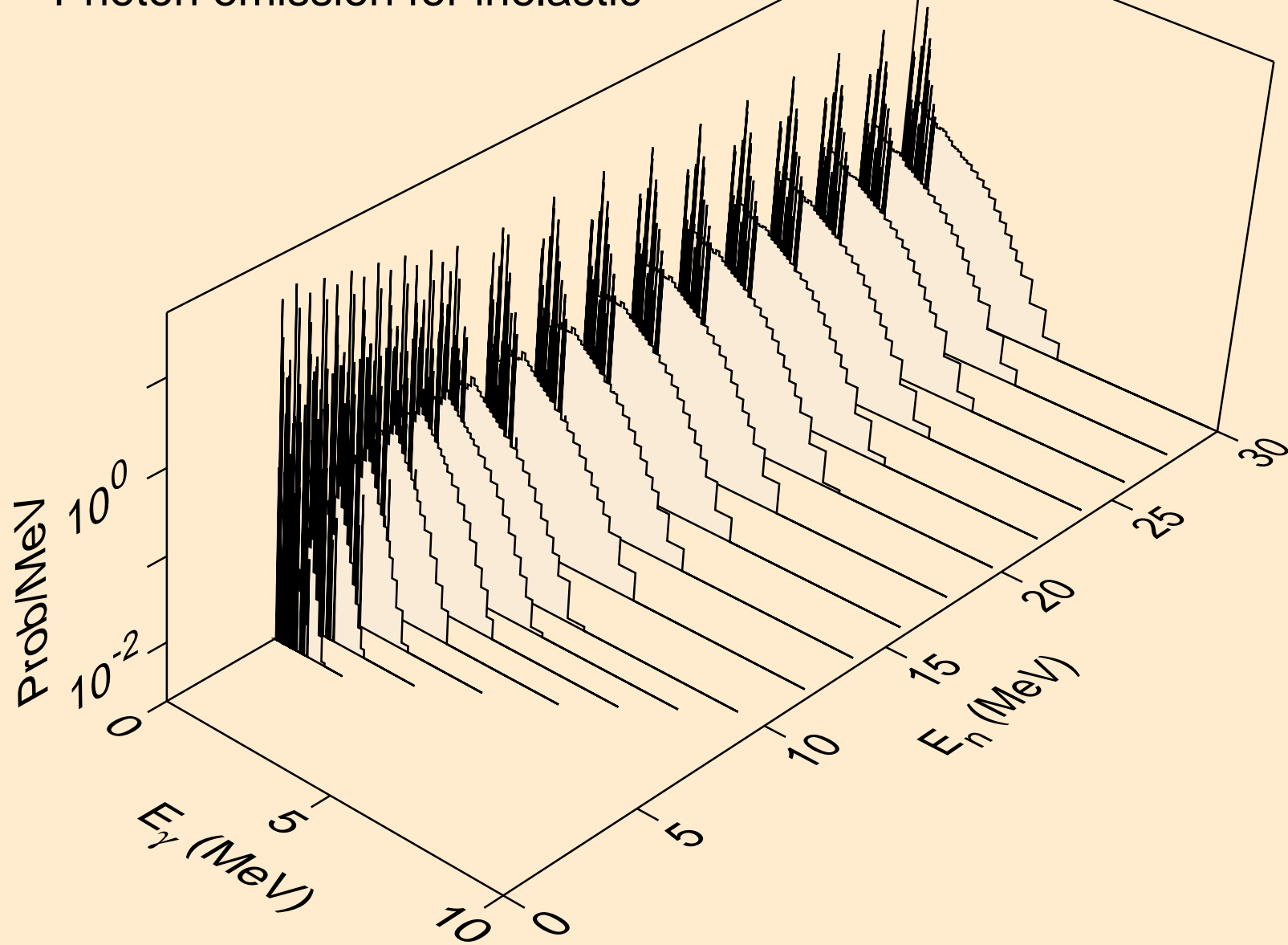


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

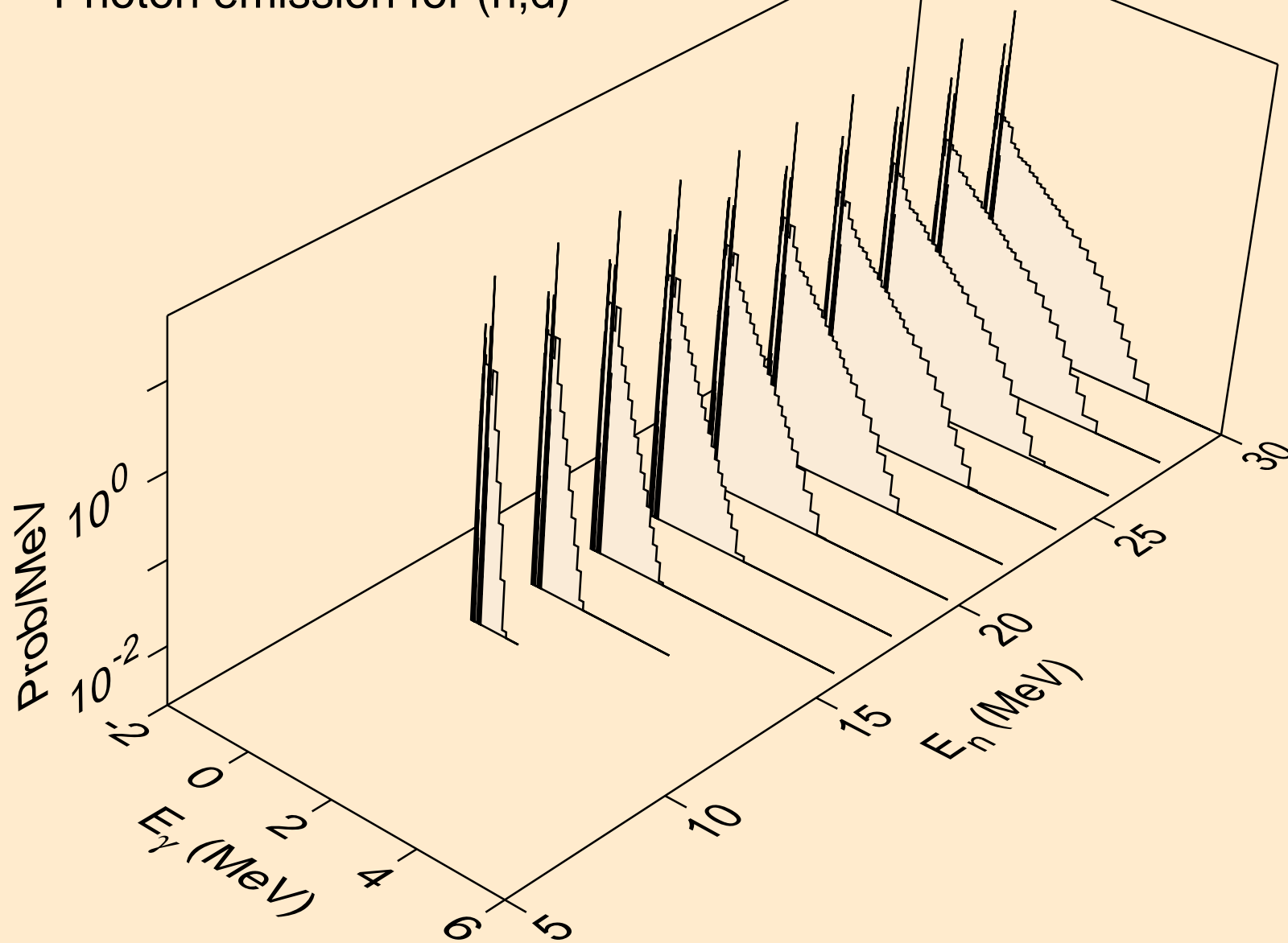




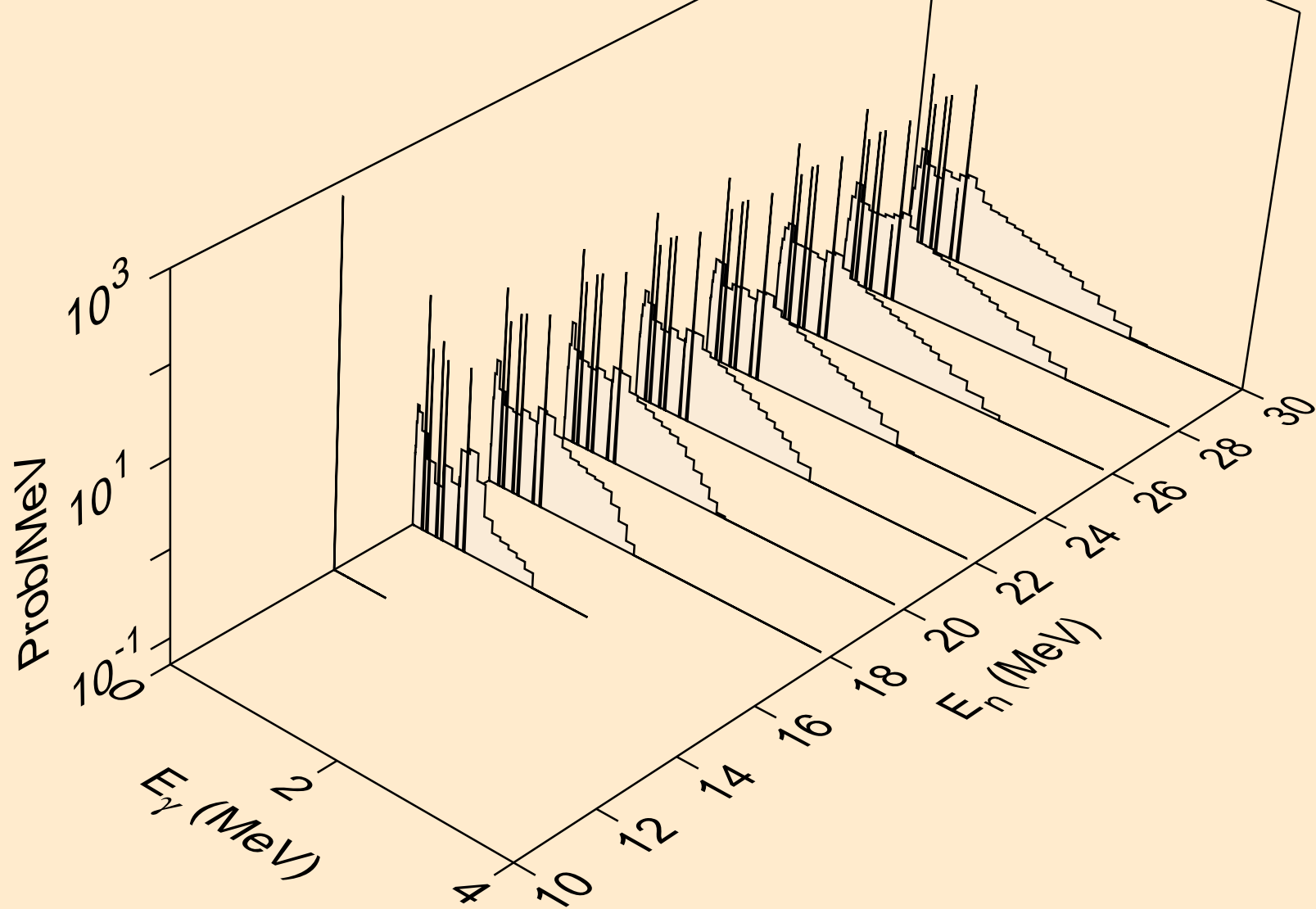
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



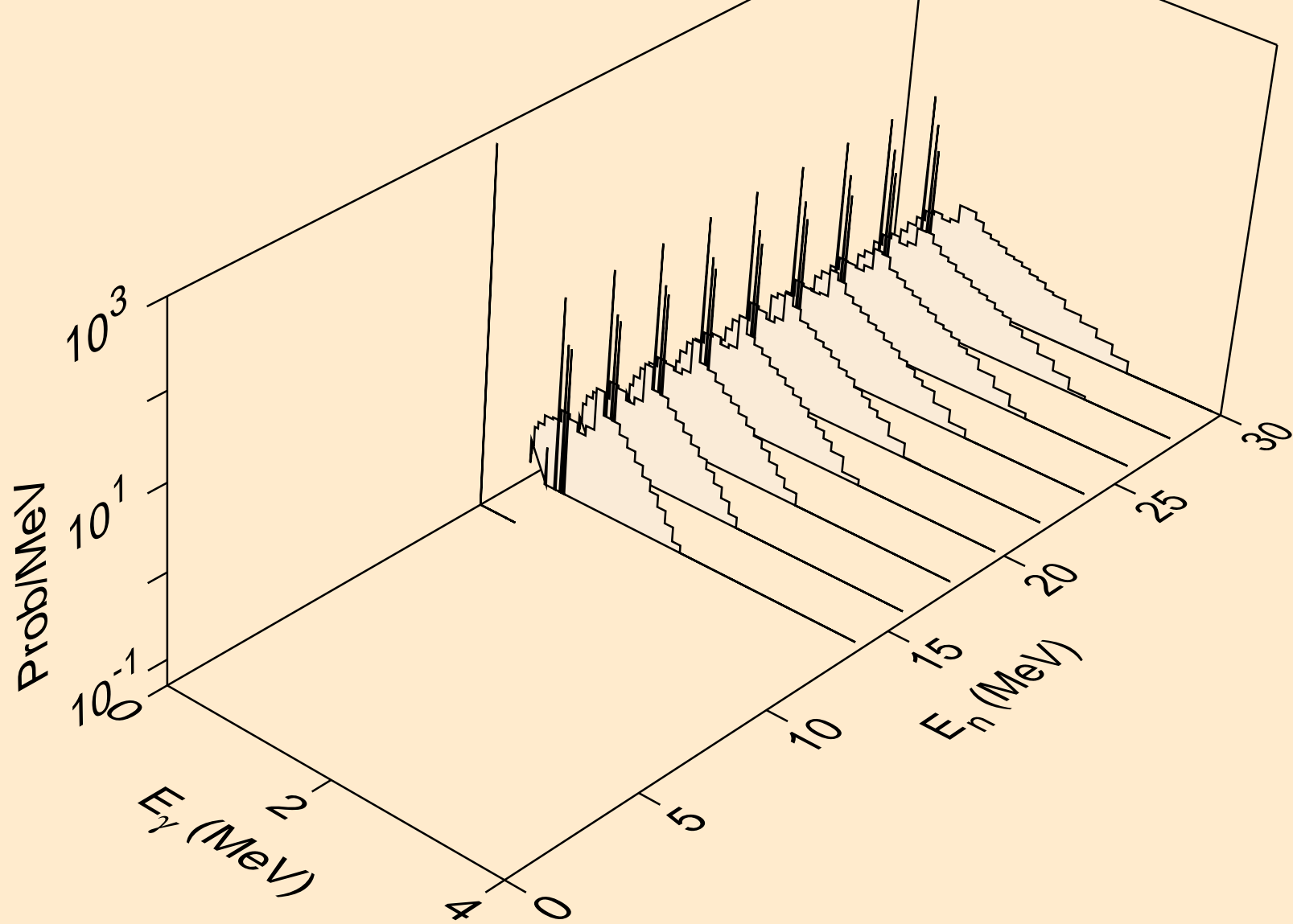
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



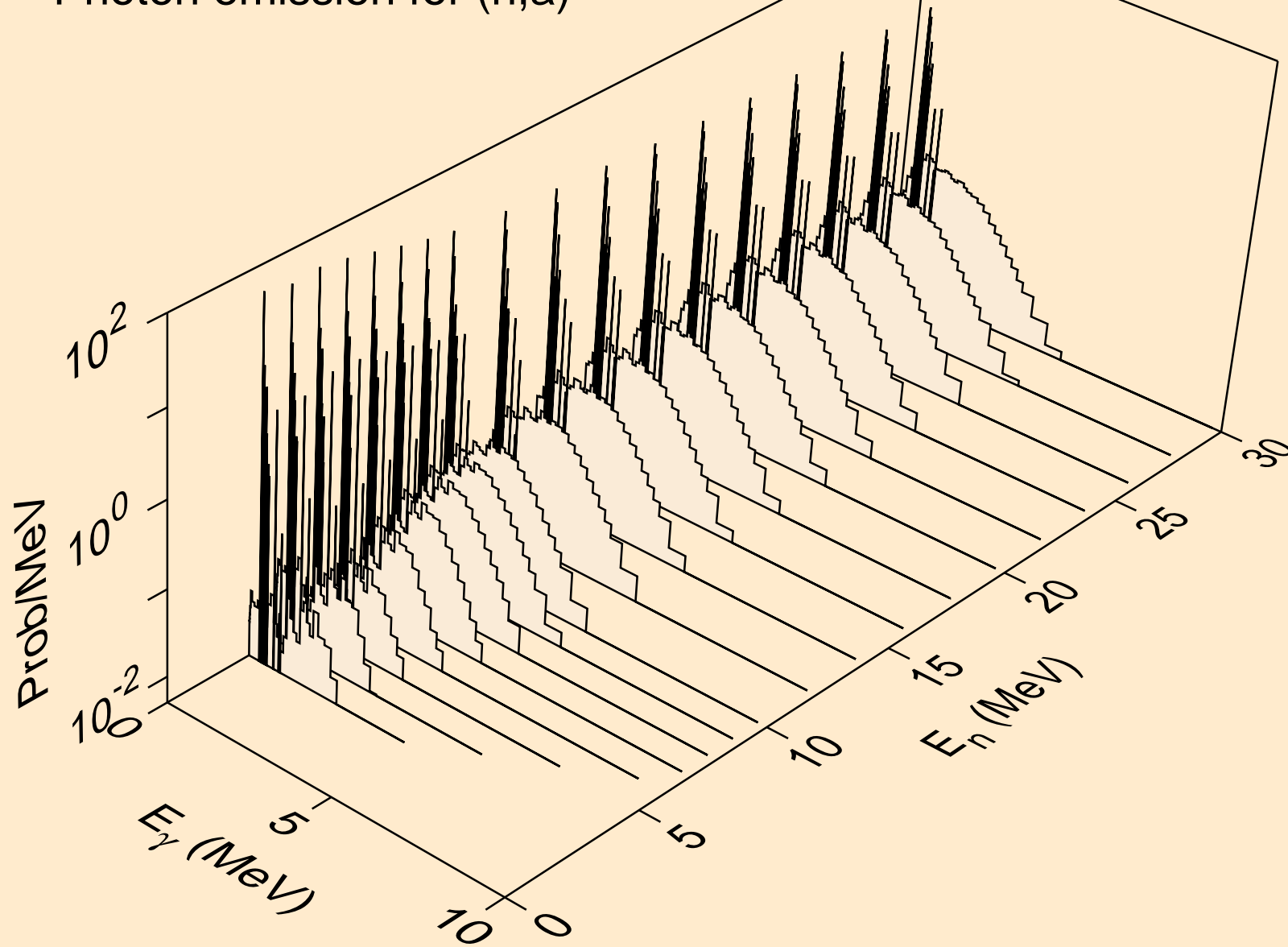
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



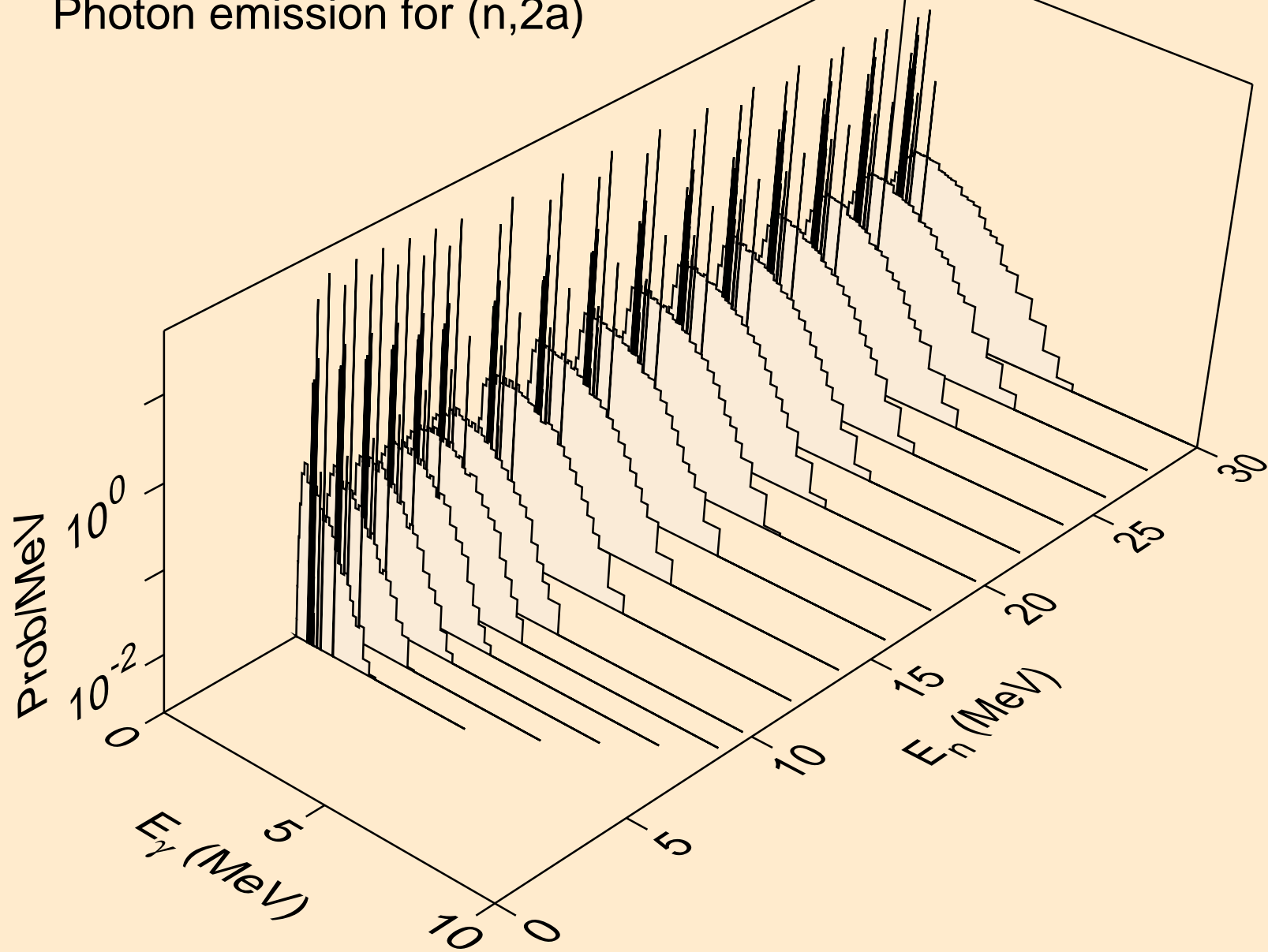
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



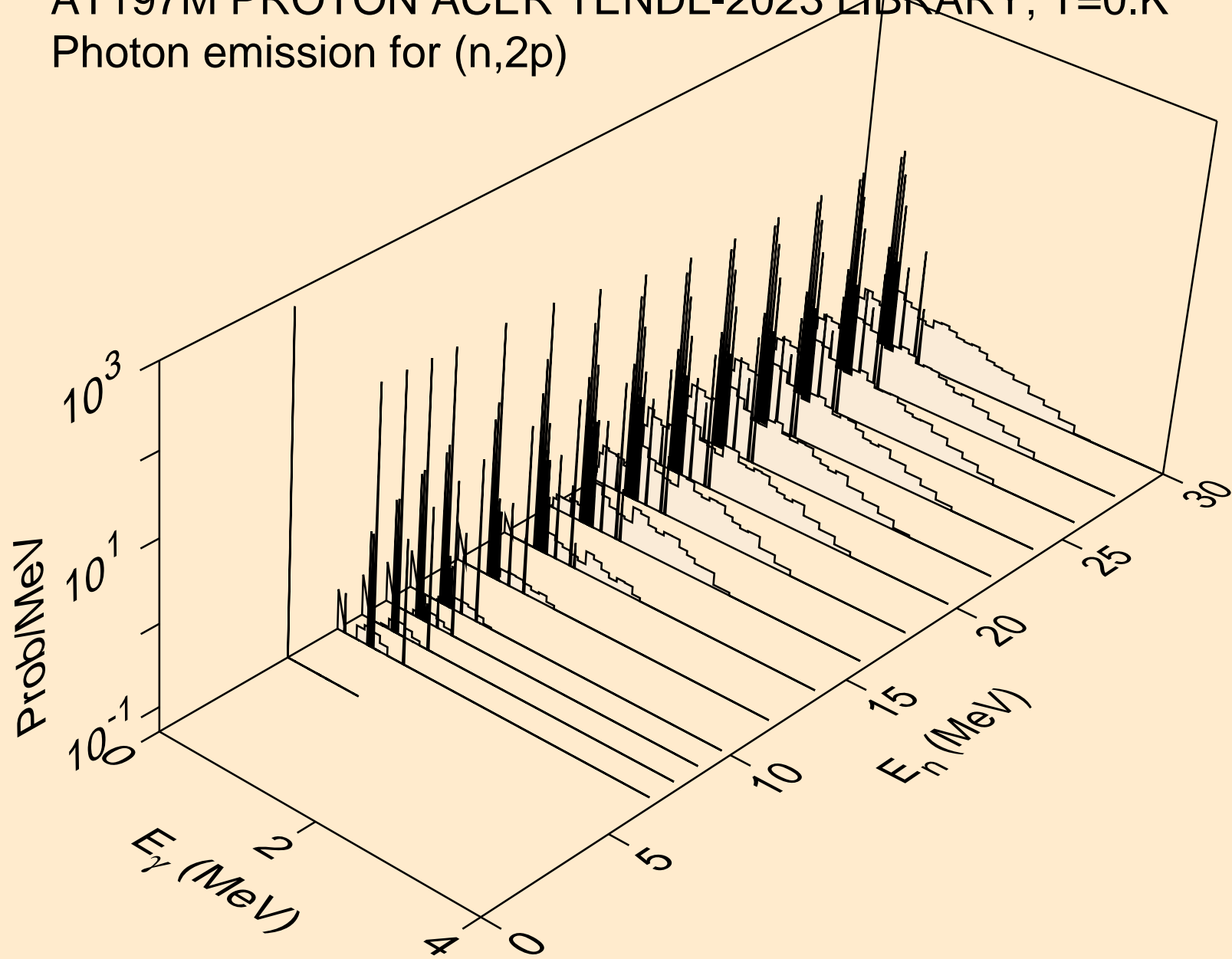
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



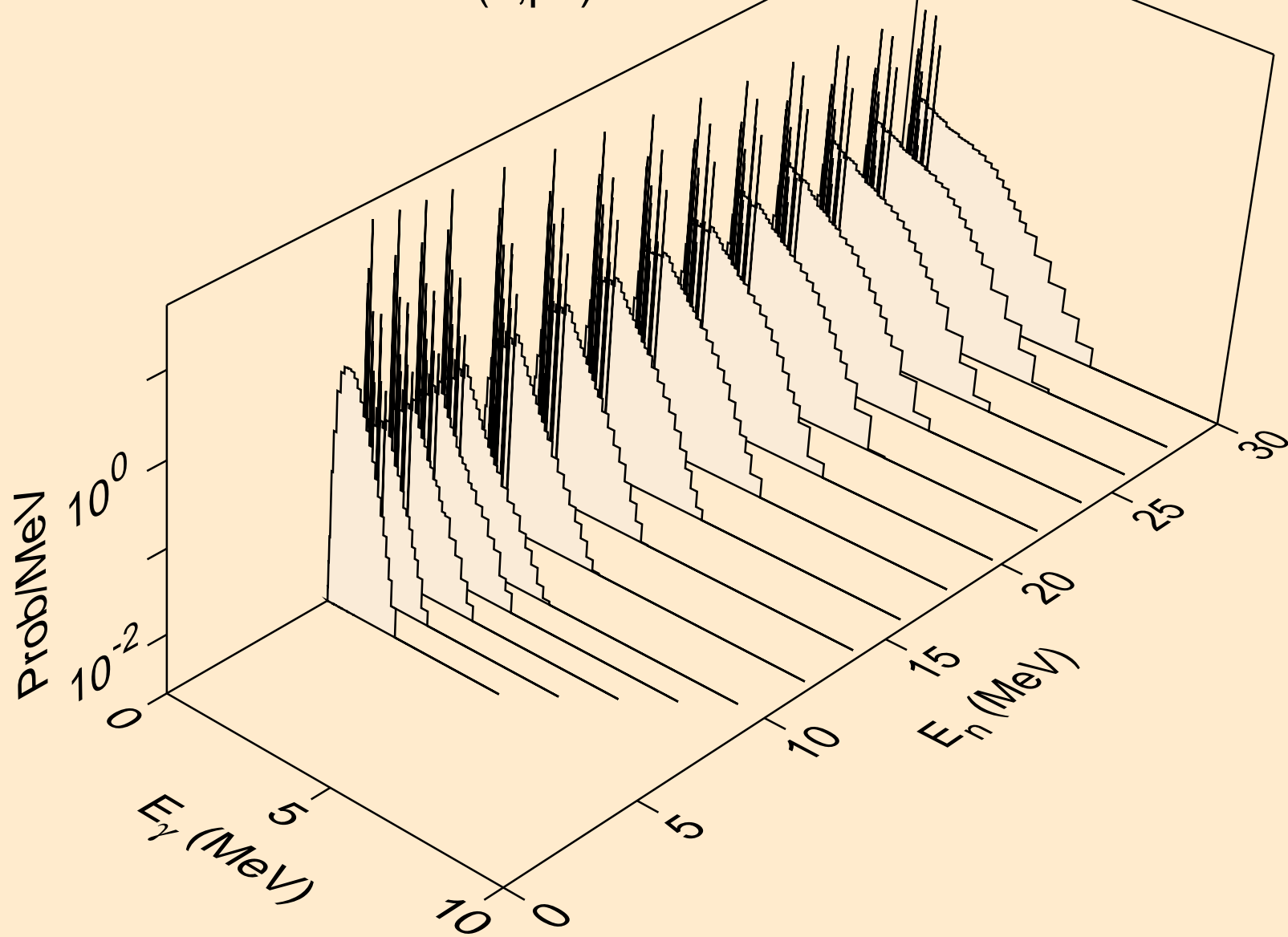
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

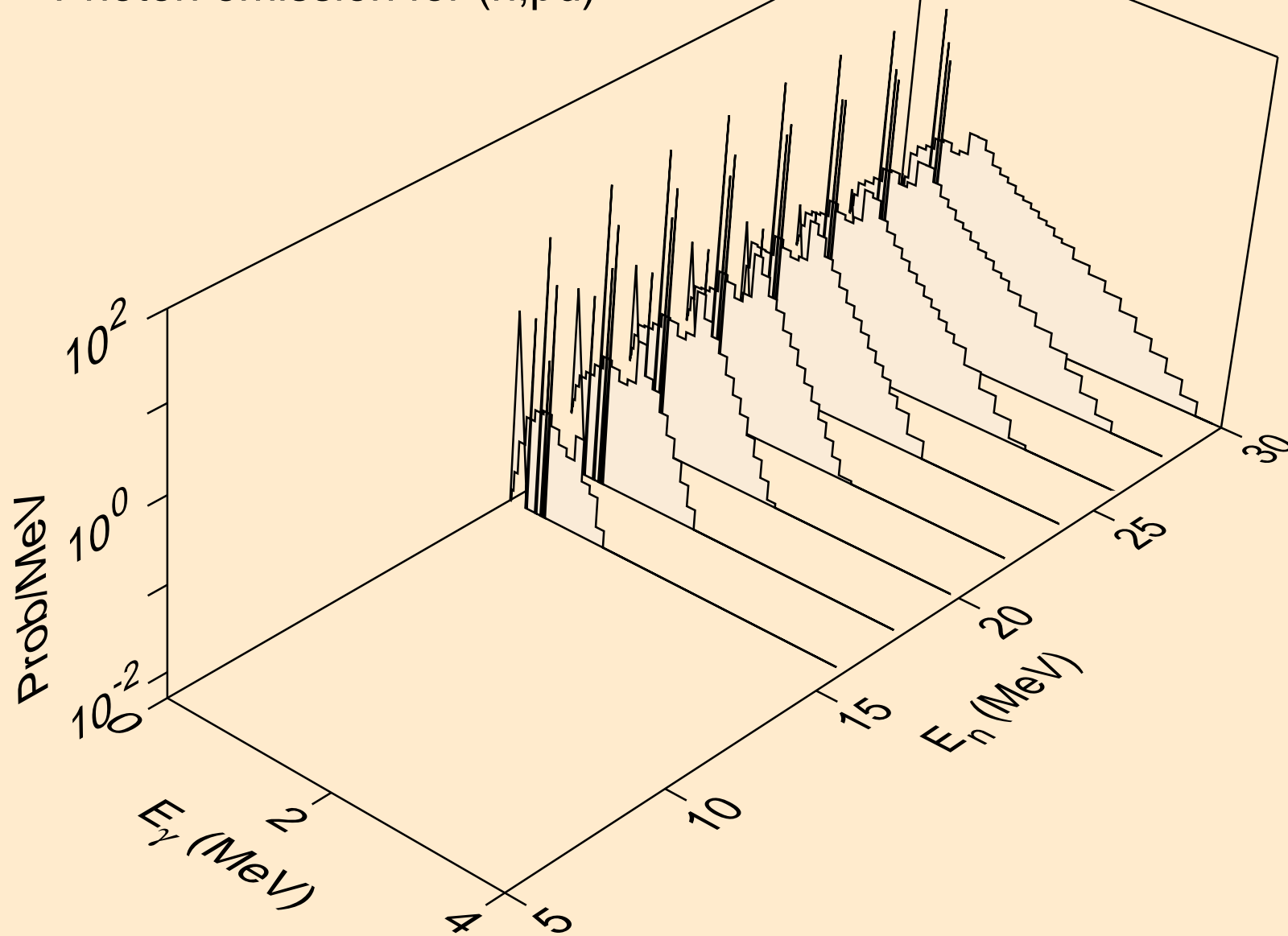


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

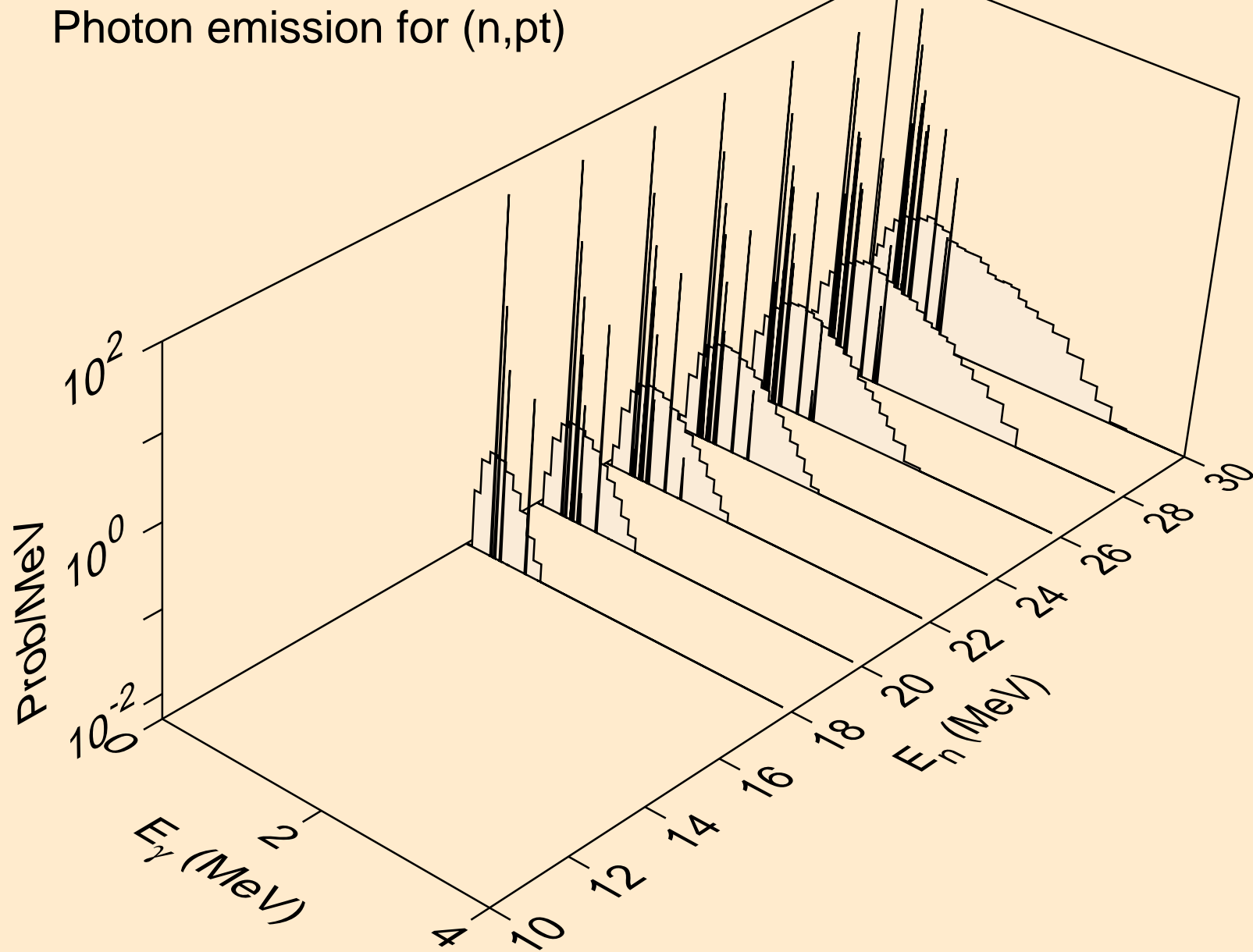




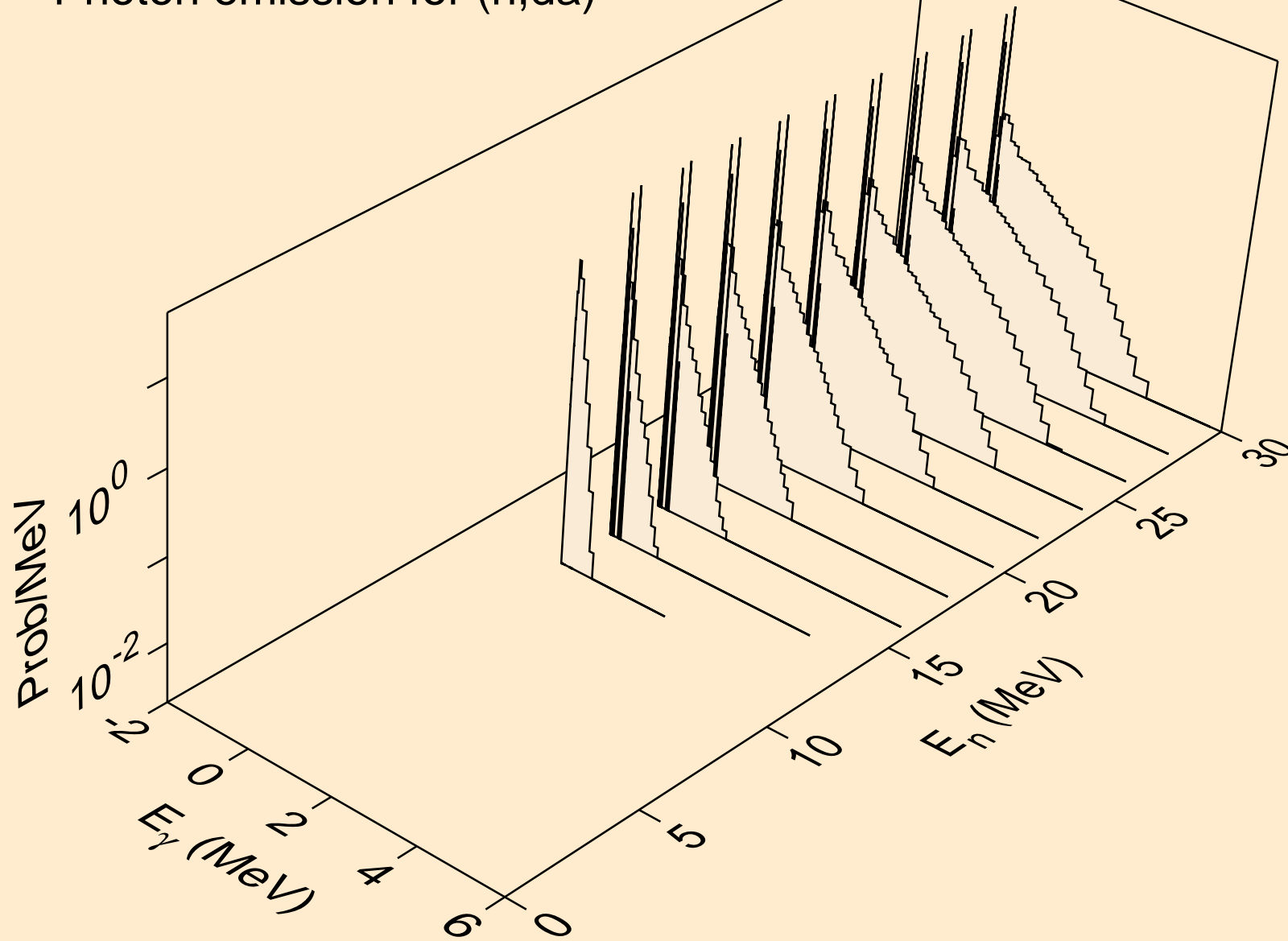
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

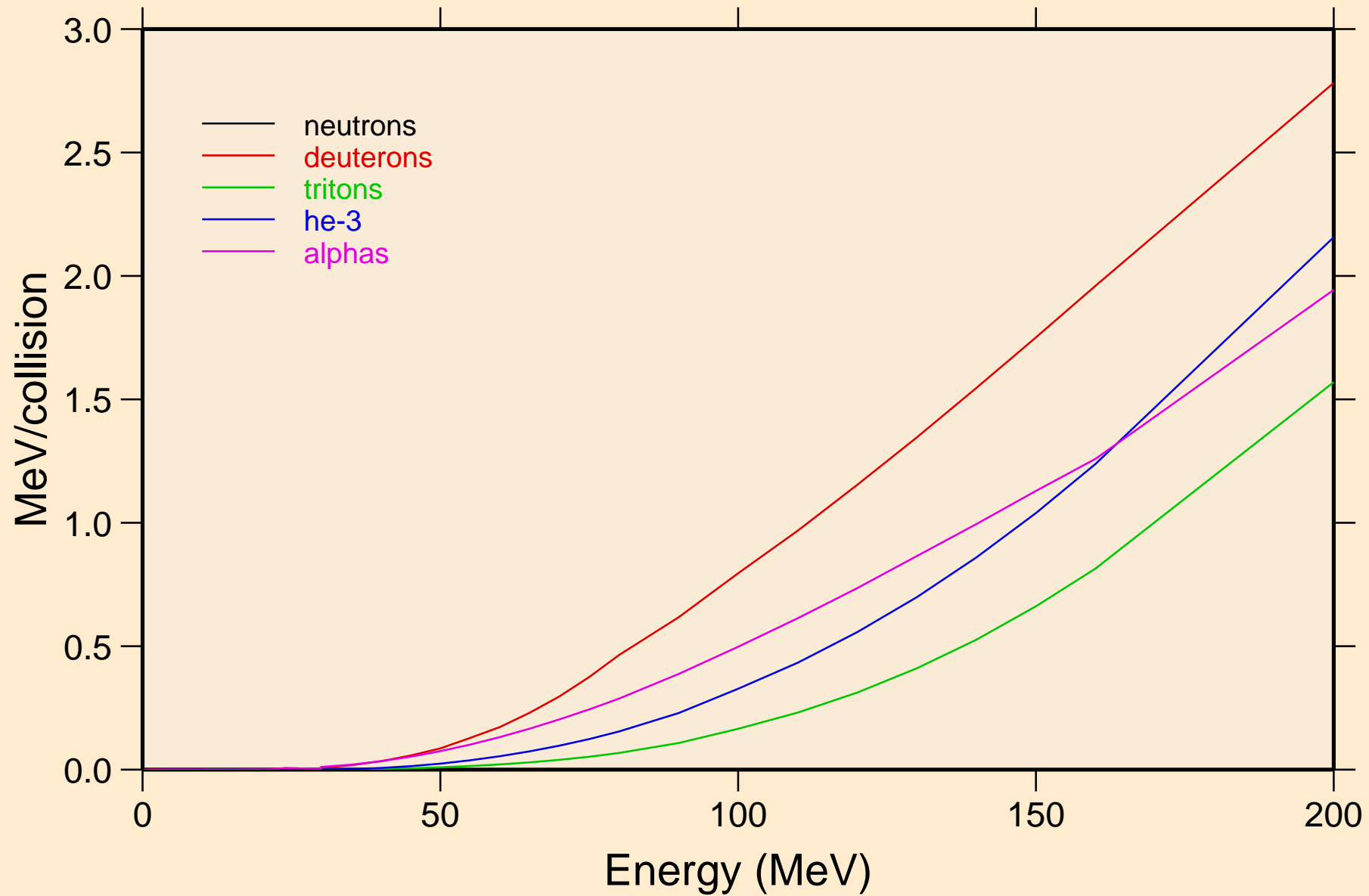


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

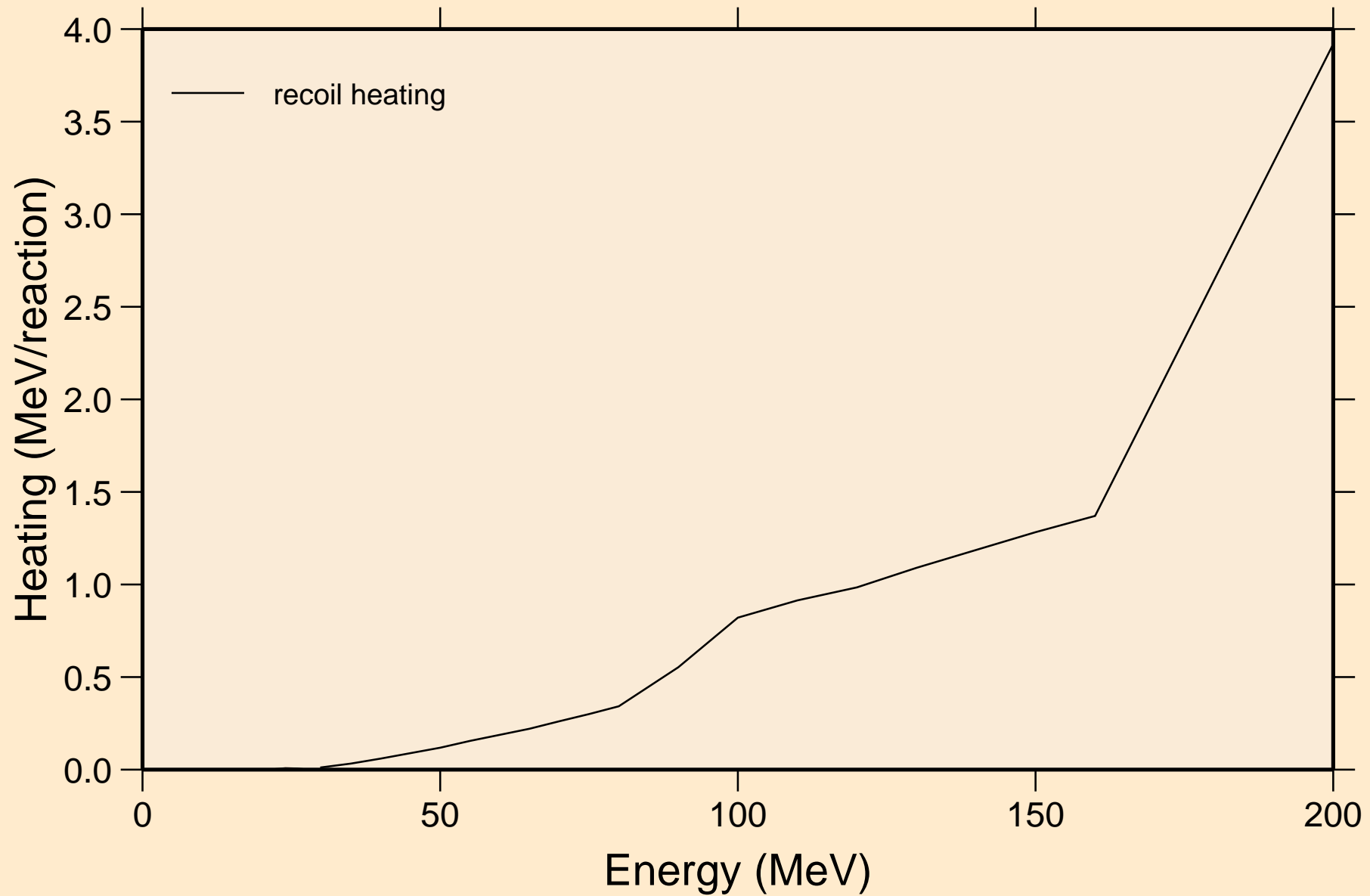


# AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K

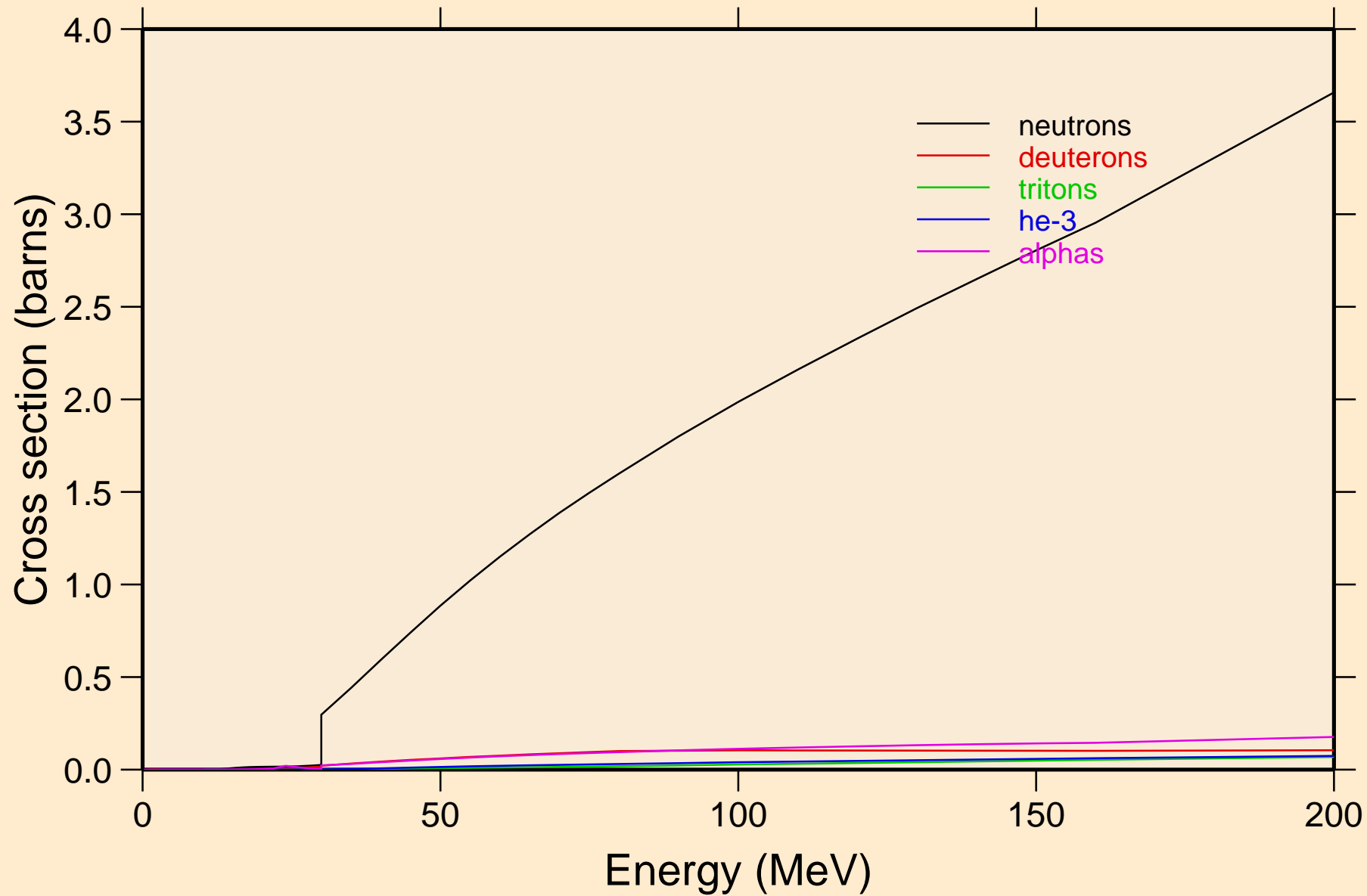
## Particle heating contributions



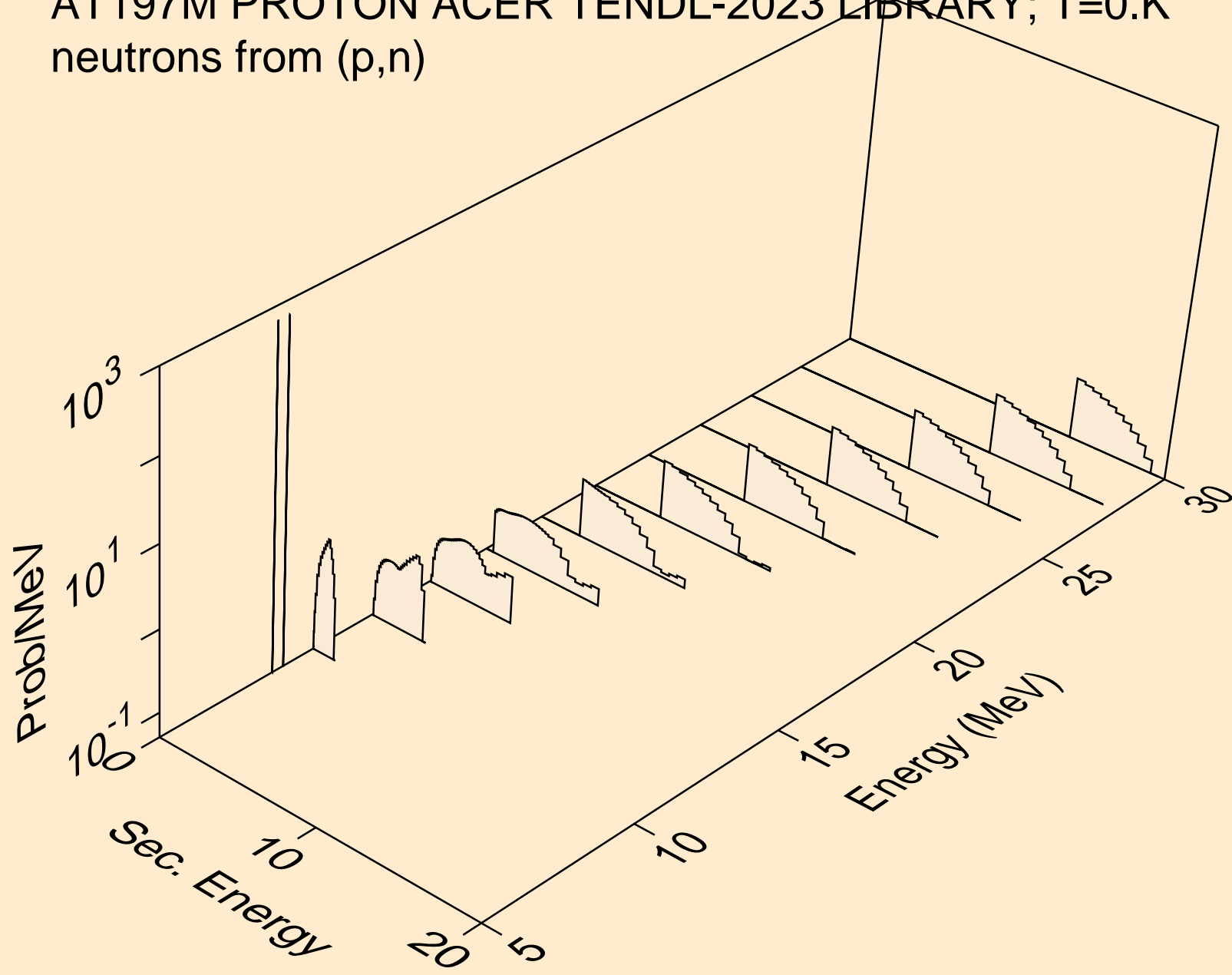
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



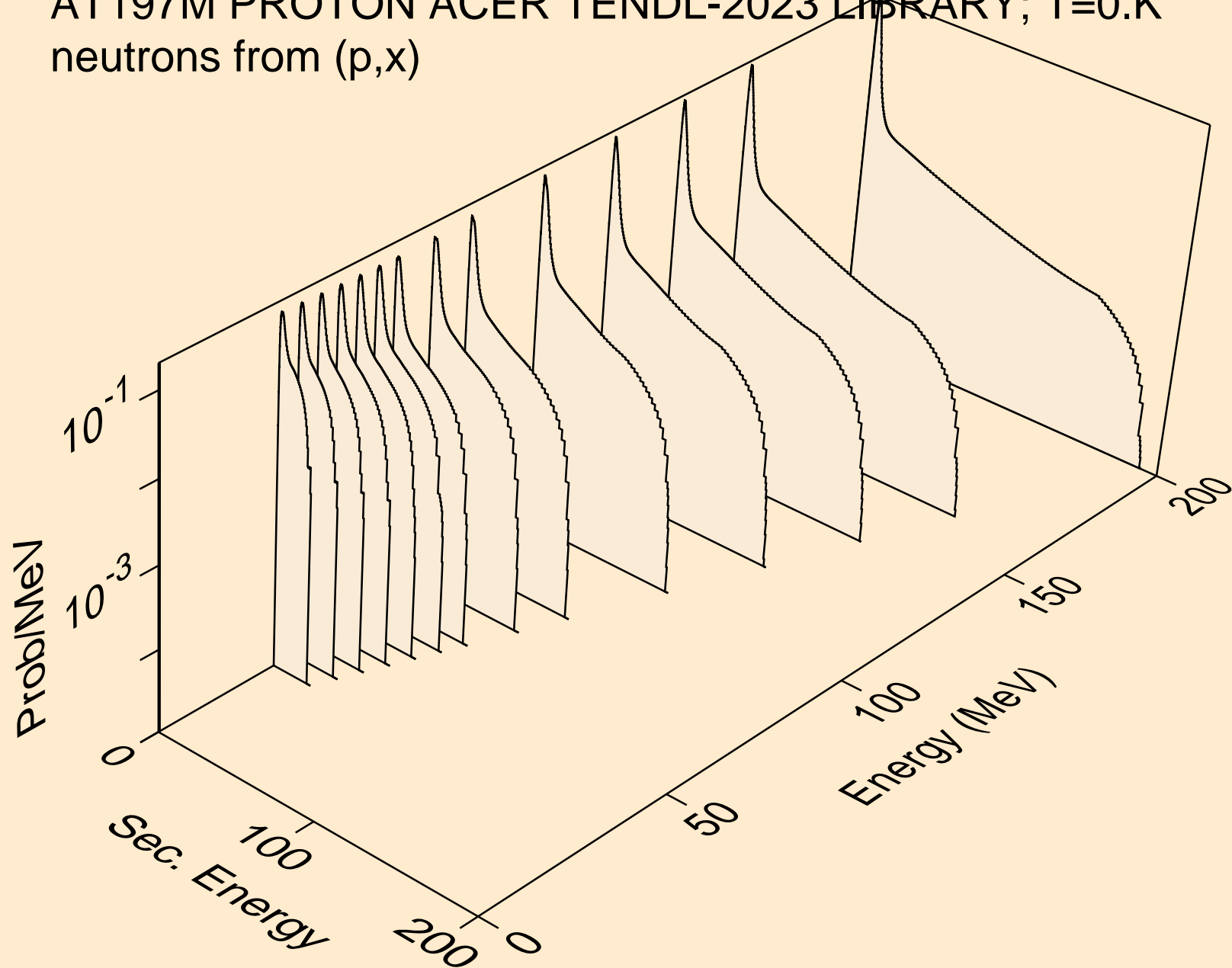
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

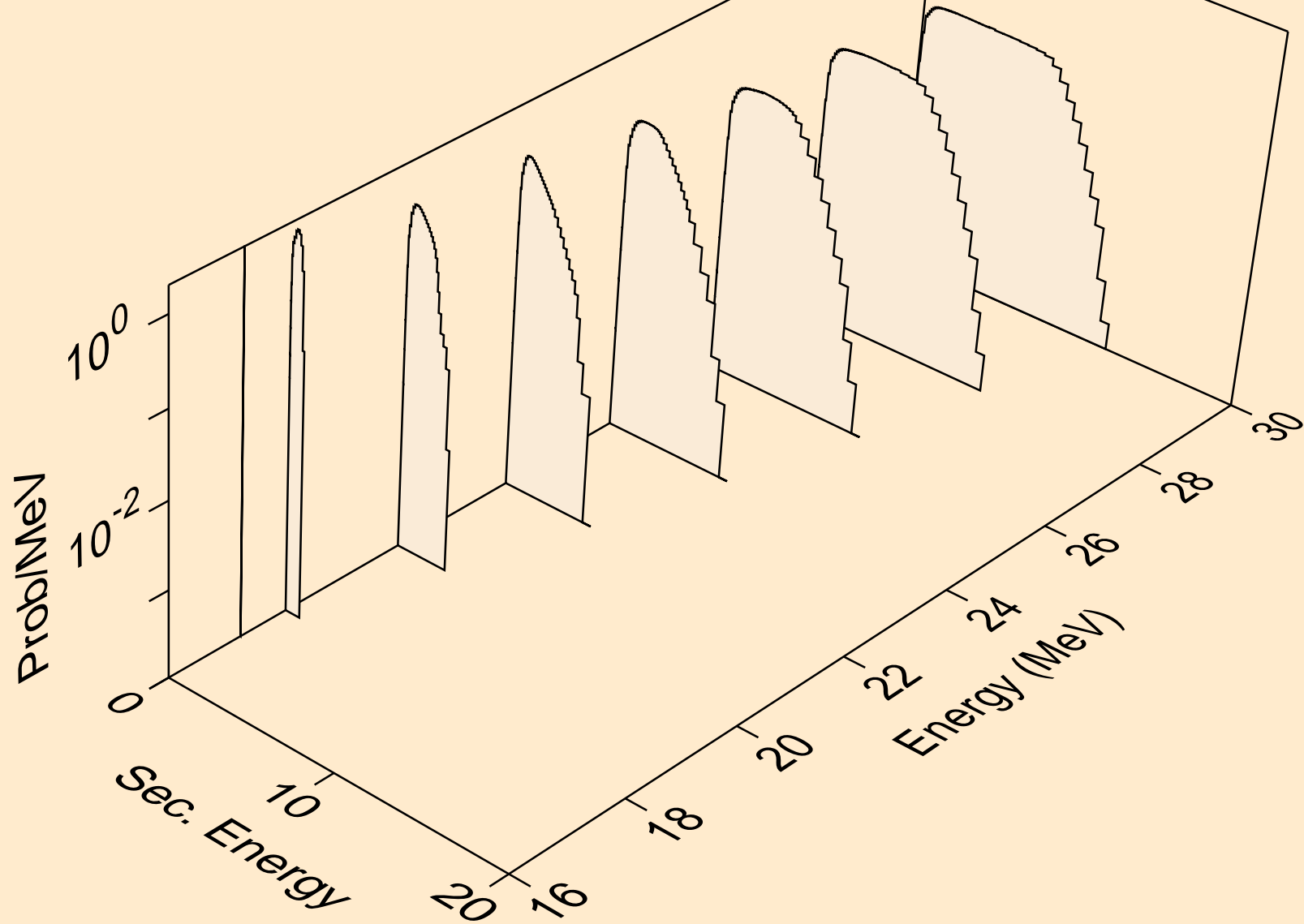


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

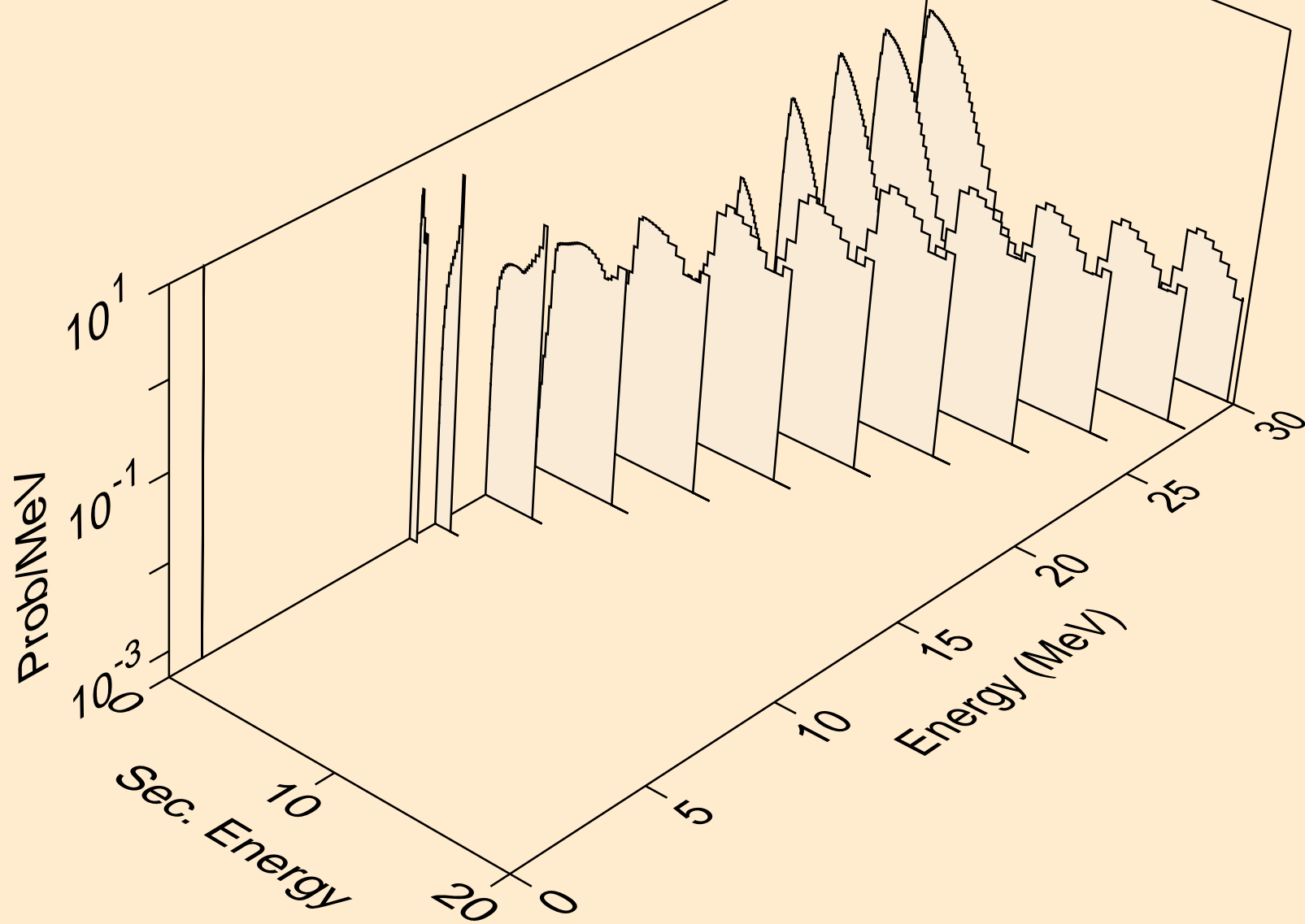




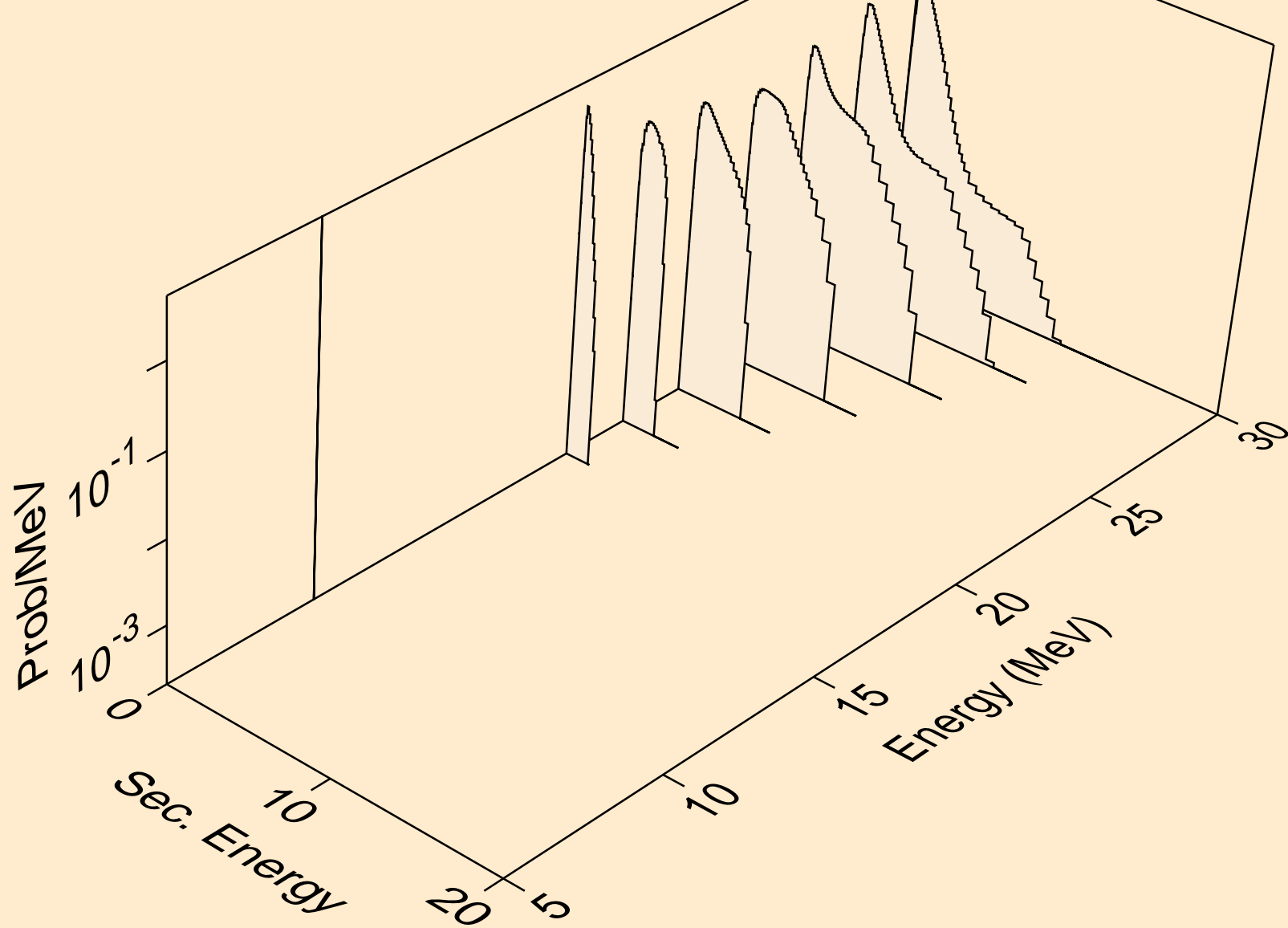
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



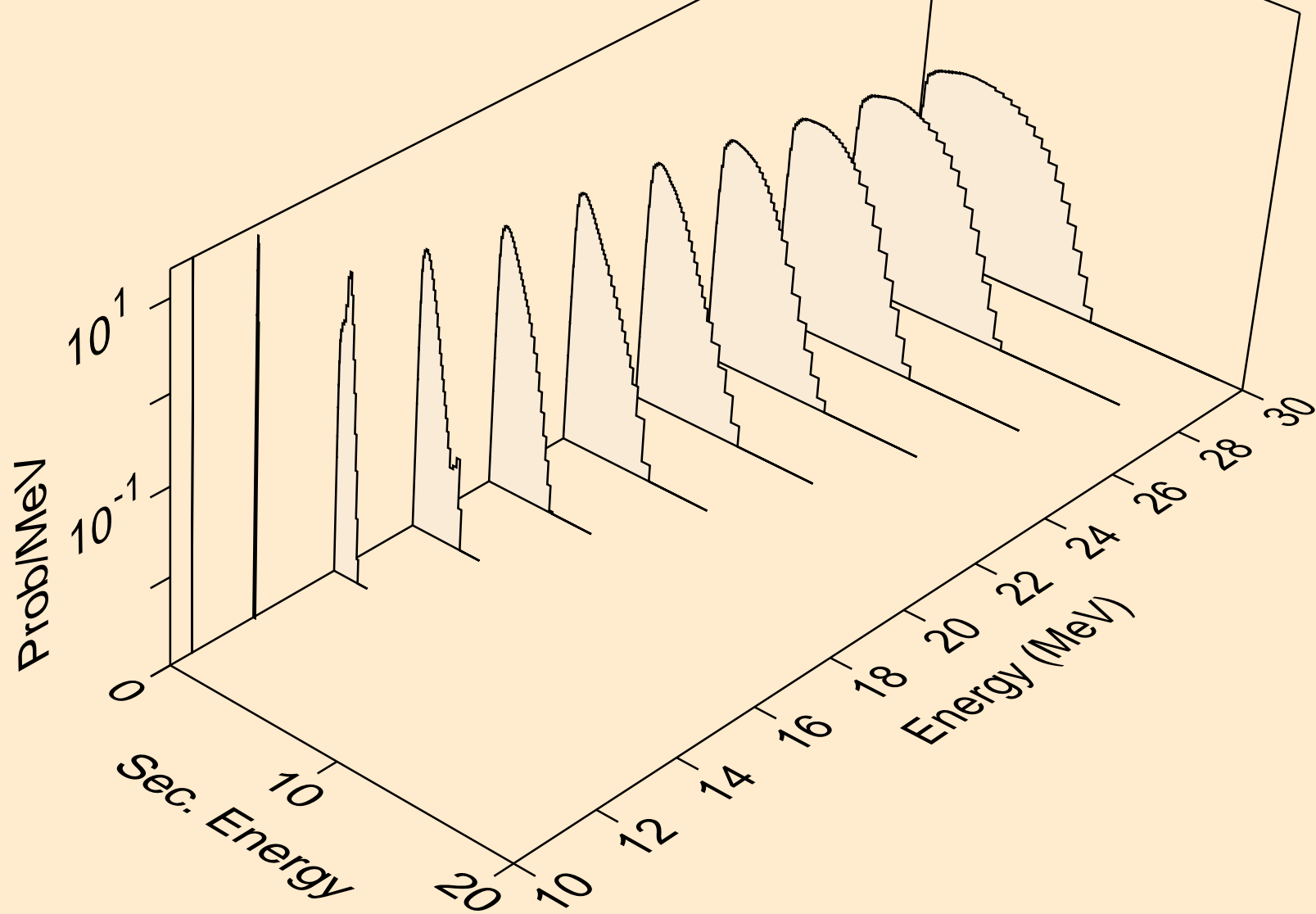
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



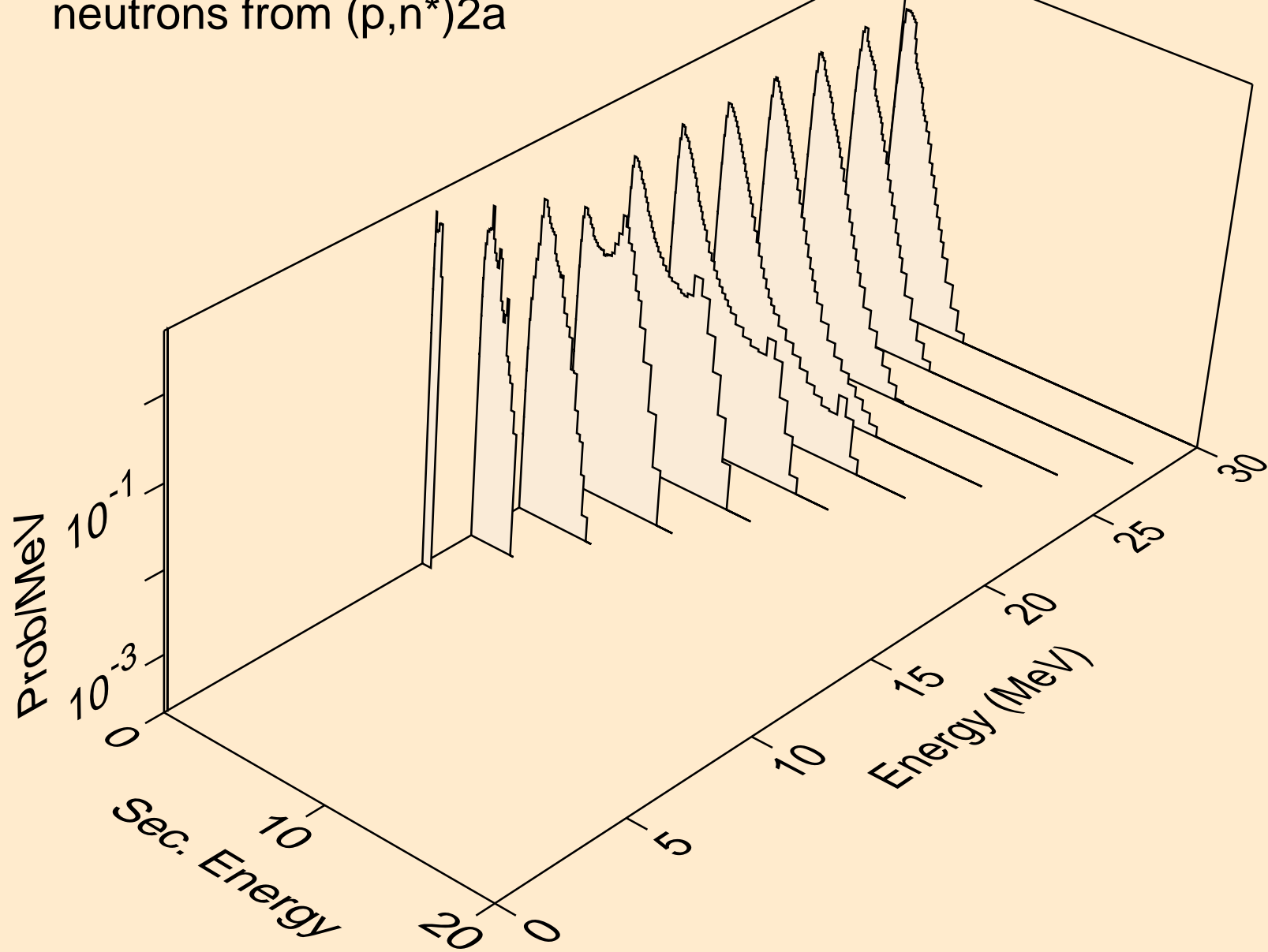
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



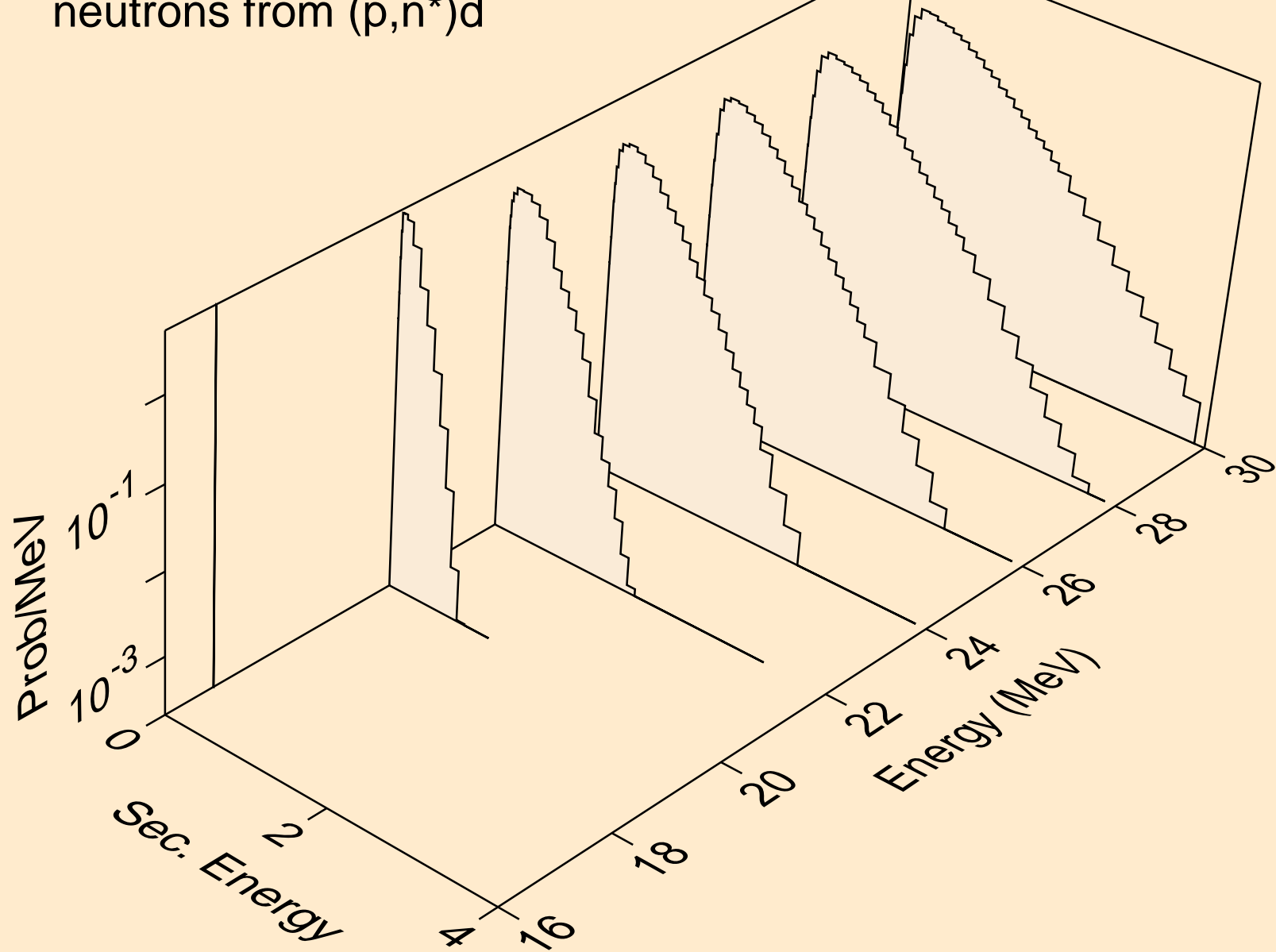
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



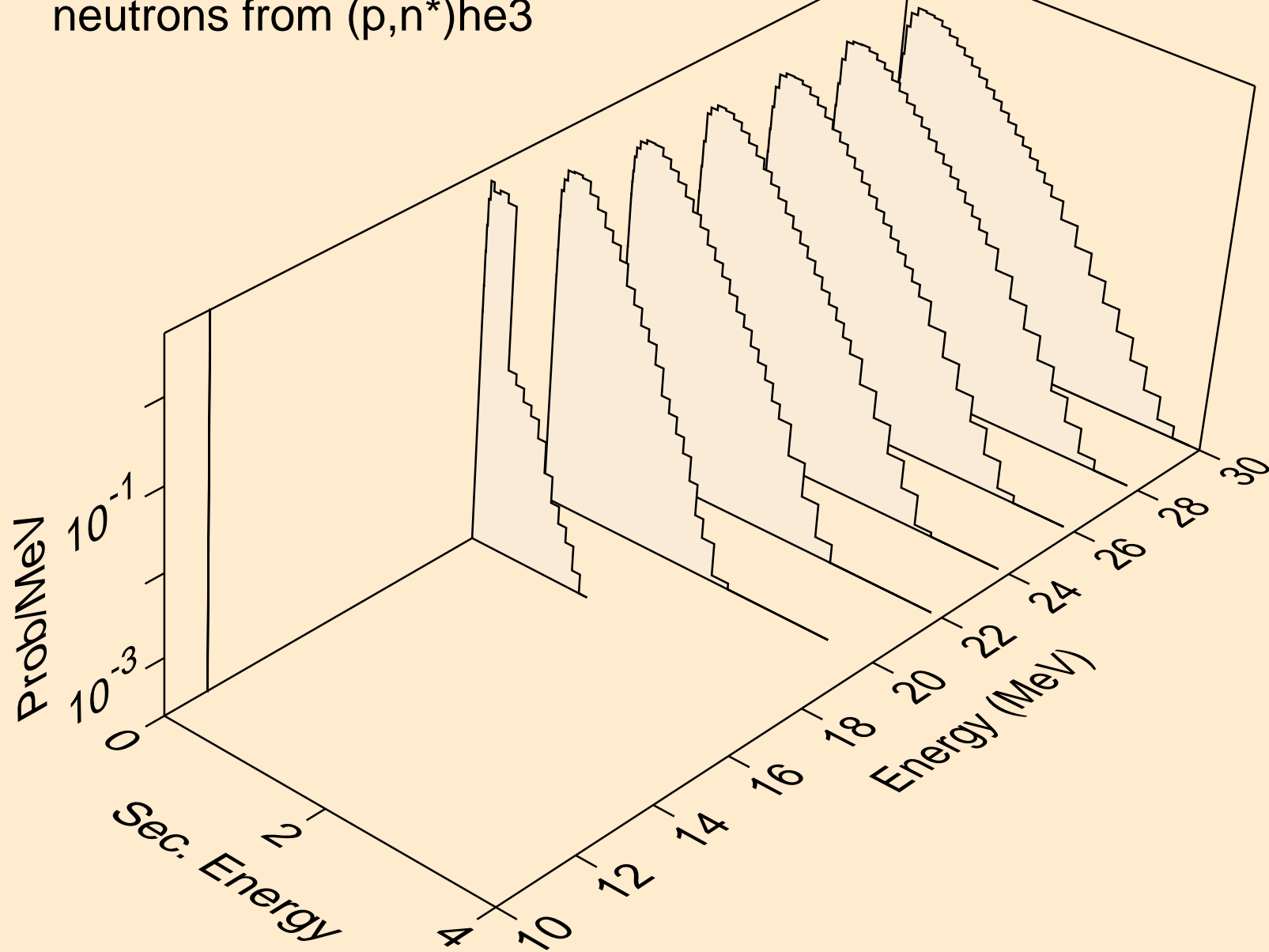
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



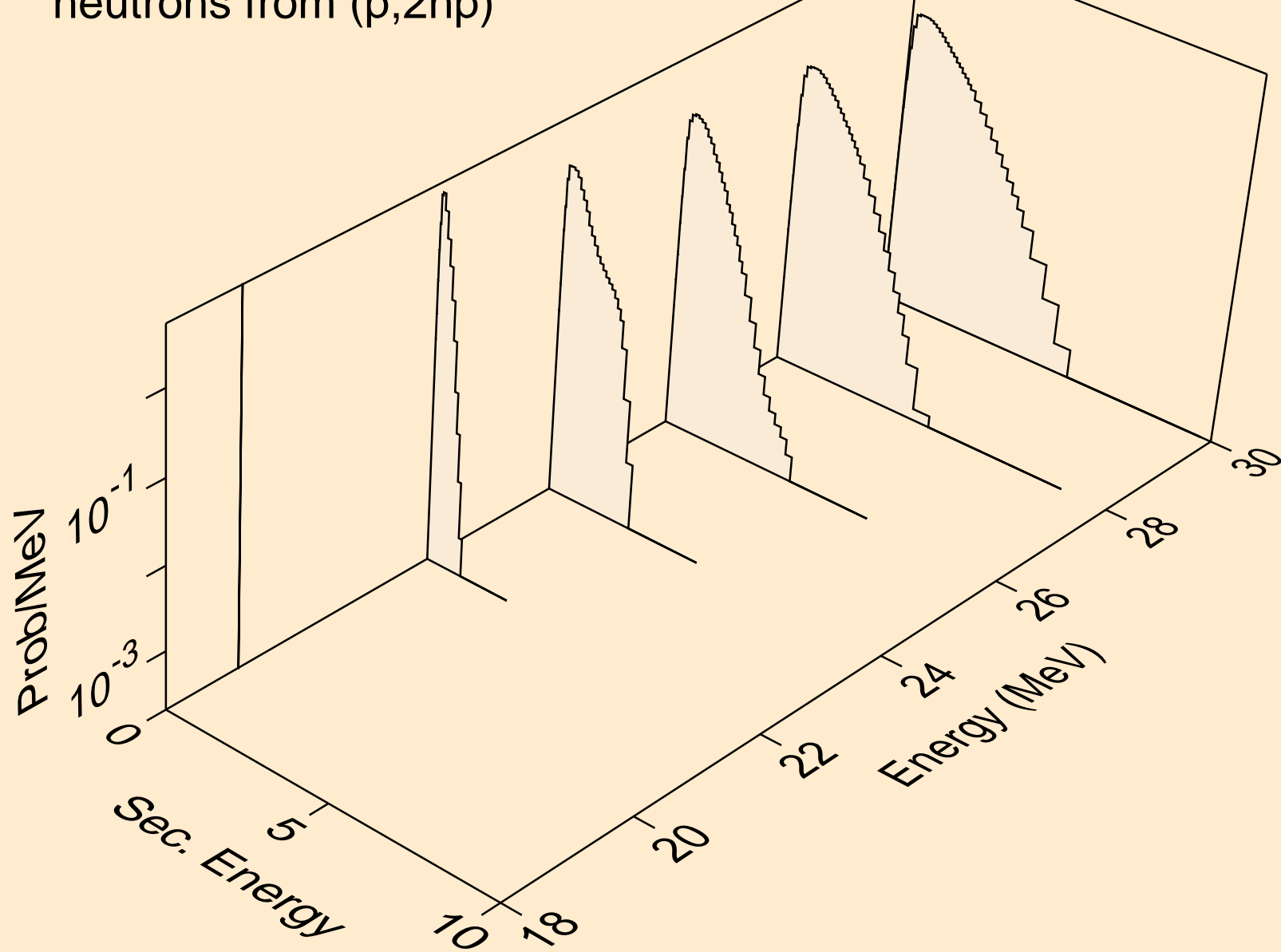
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

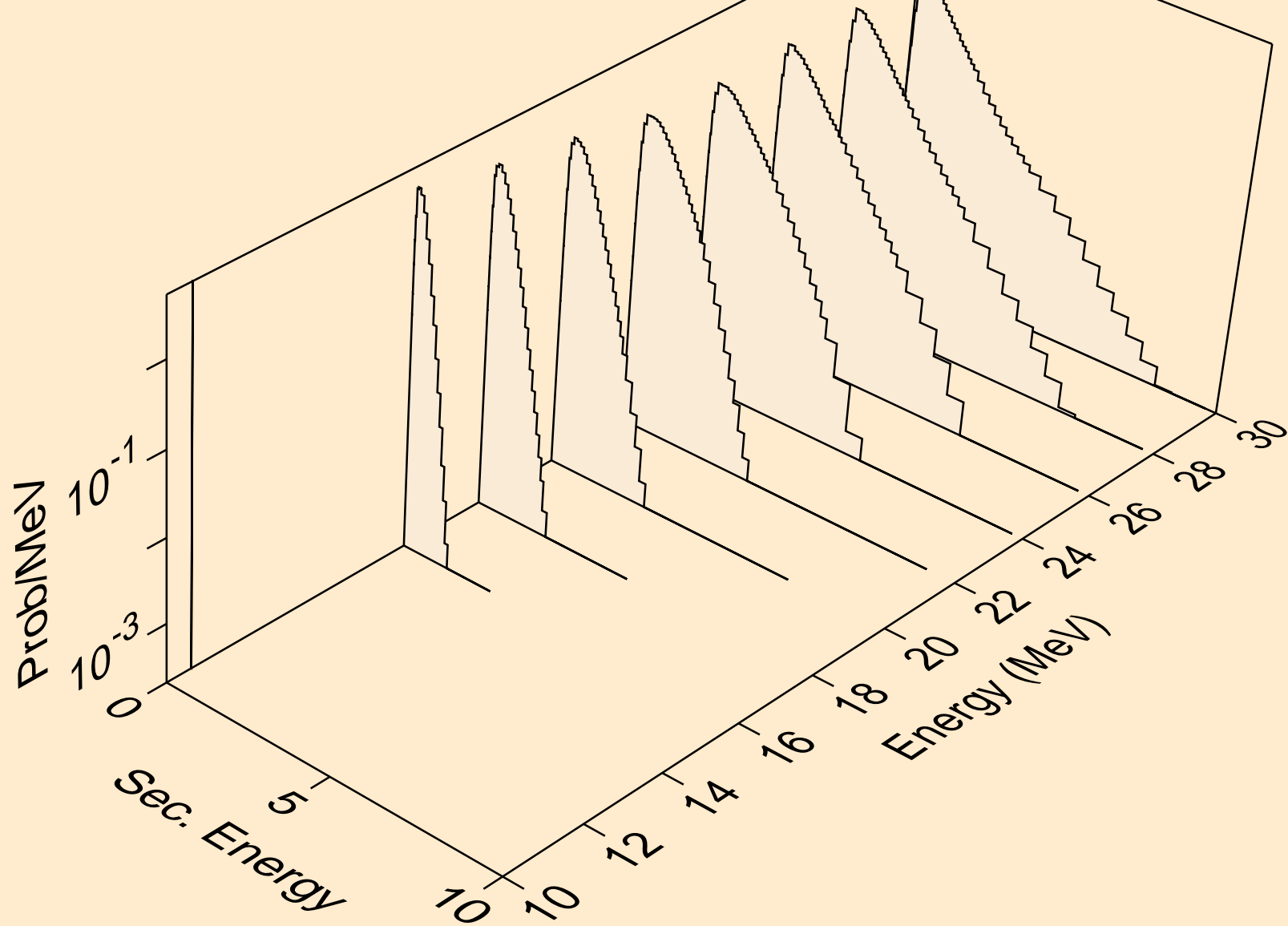


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

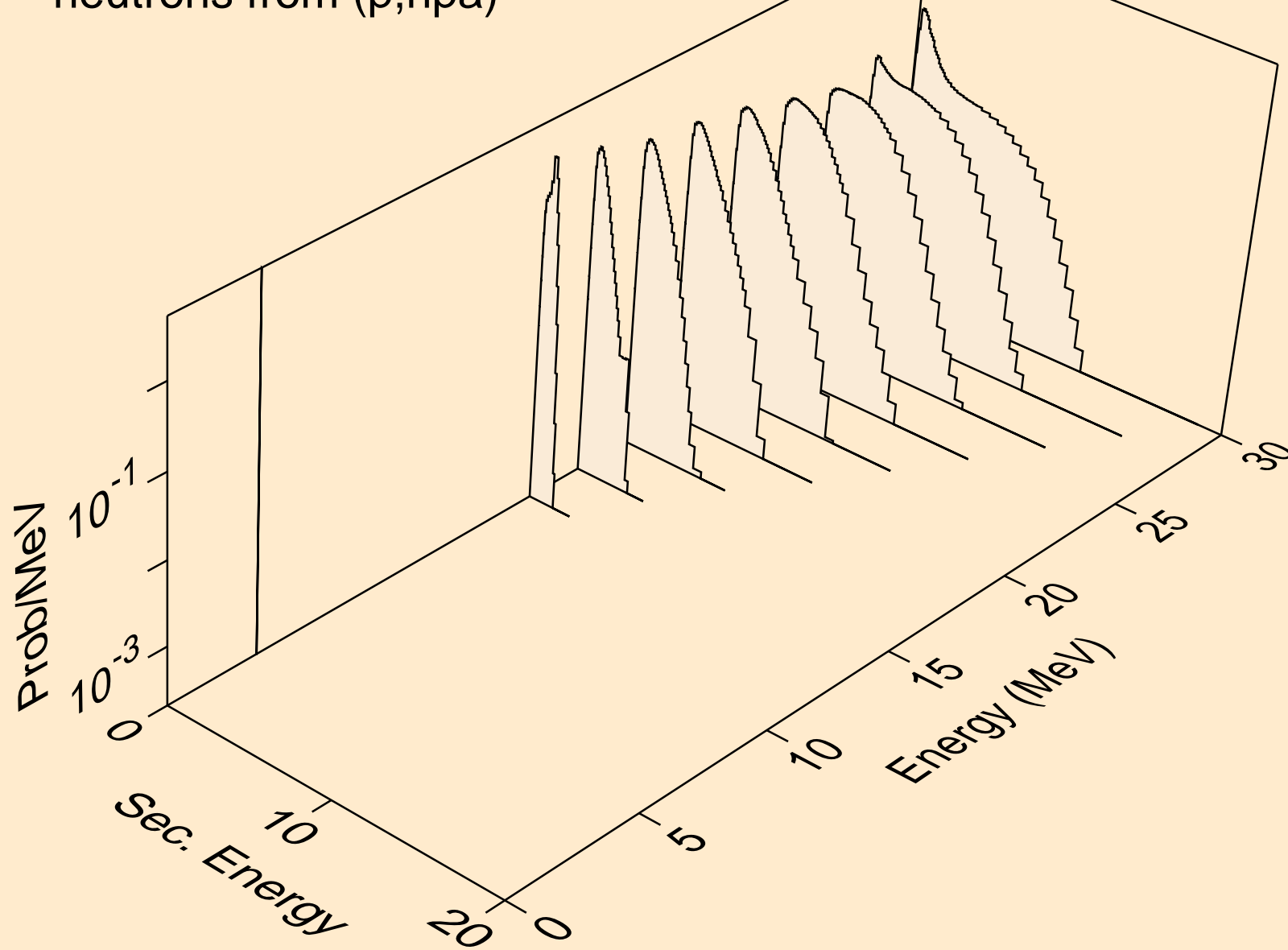




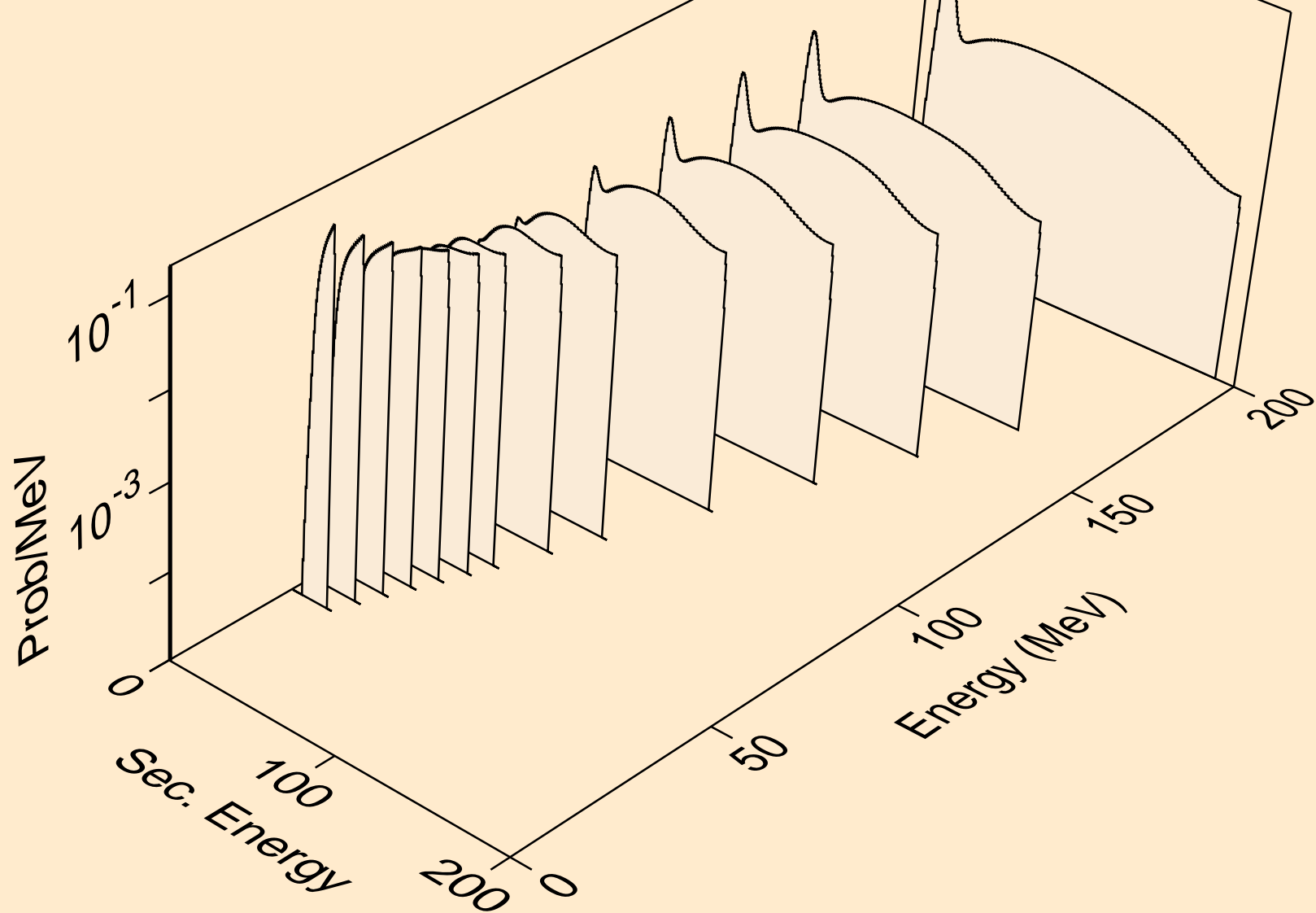
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



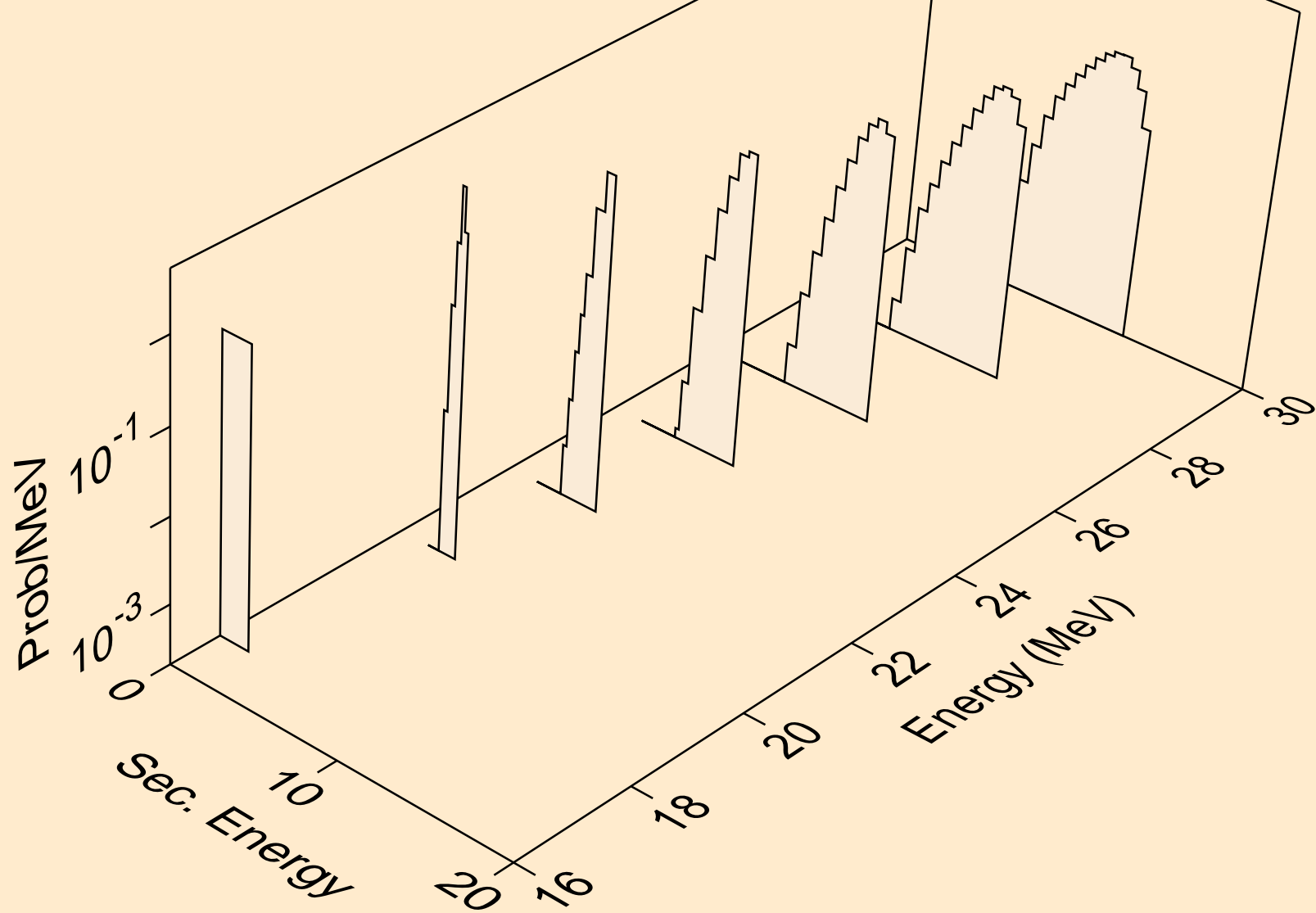
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



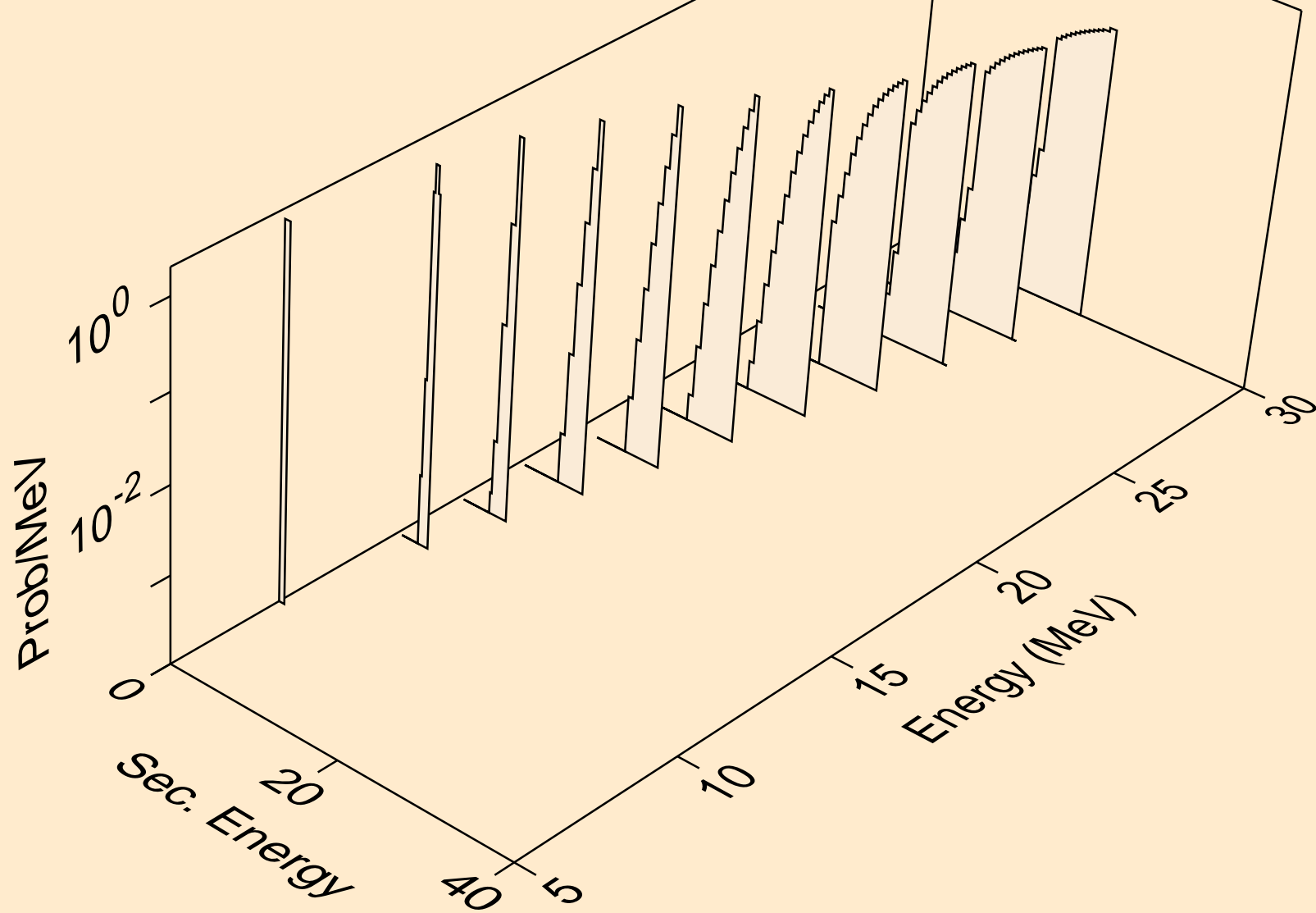
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



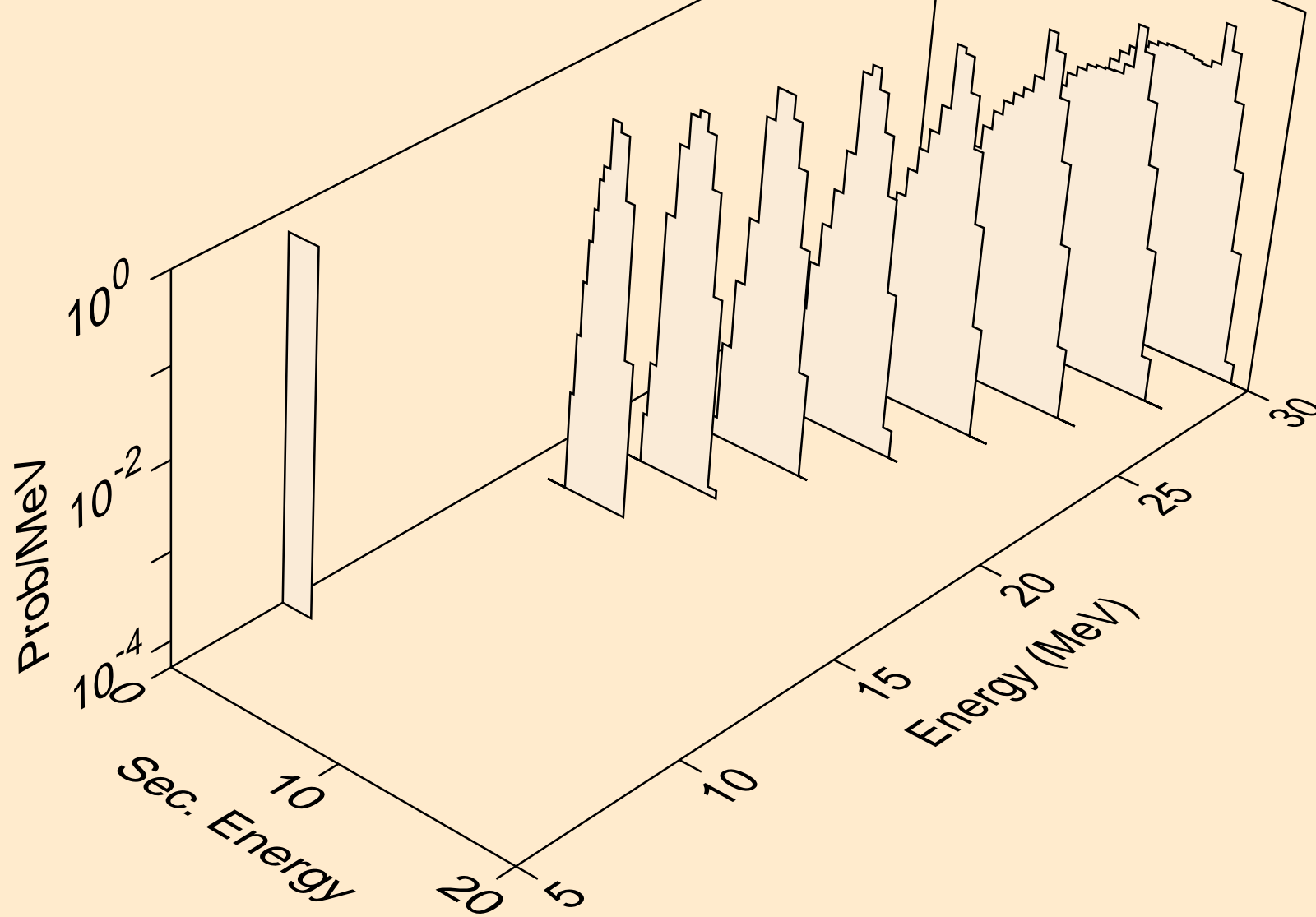
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



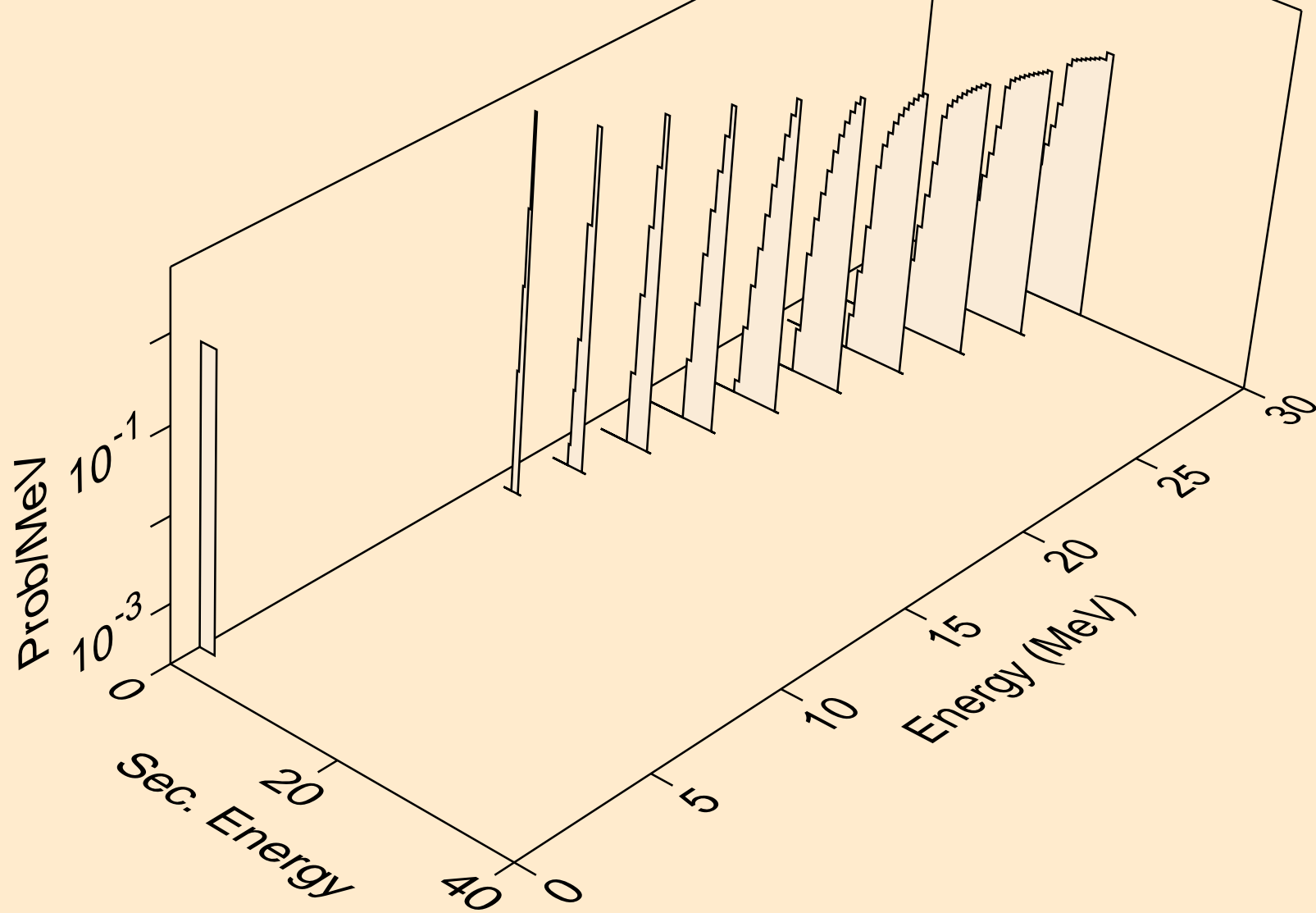
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



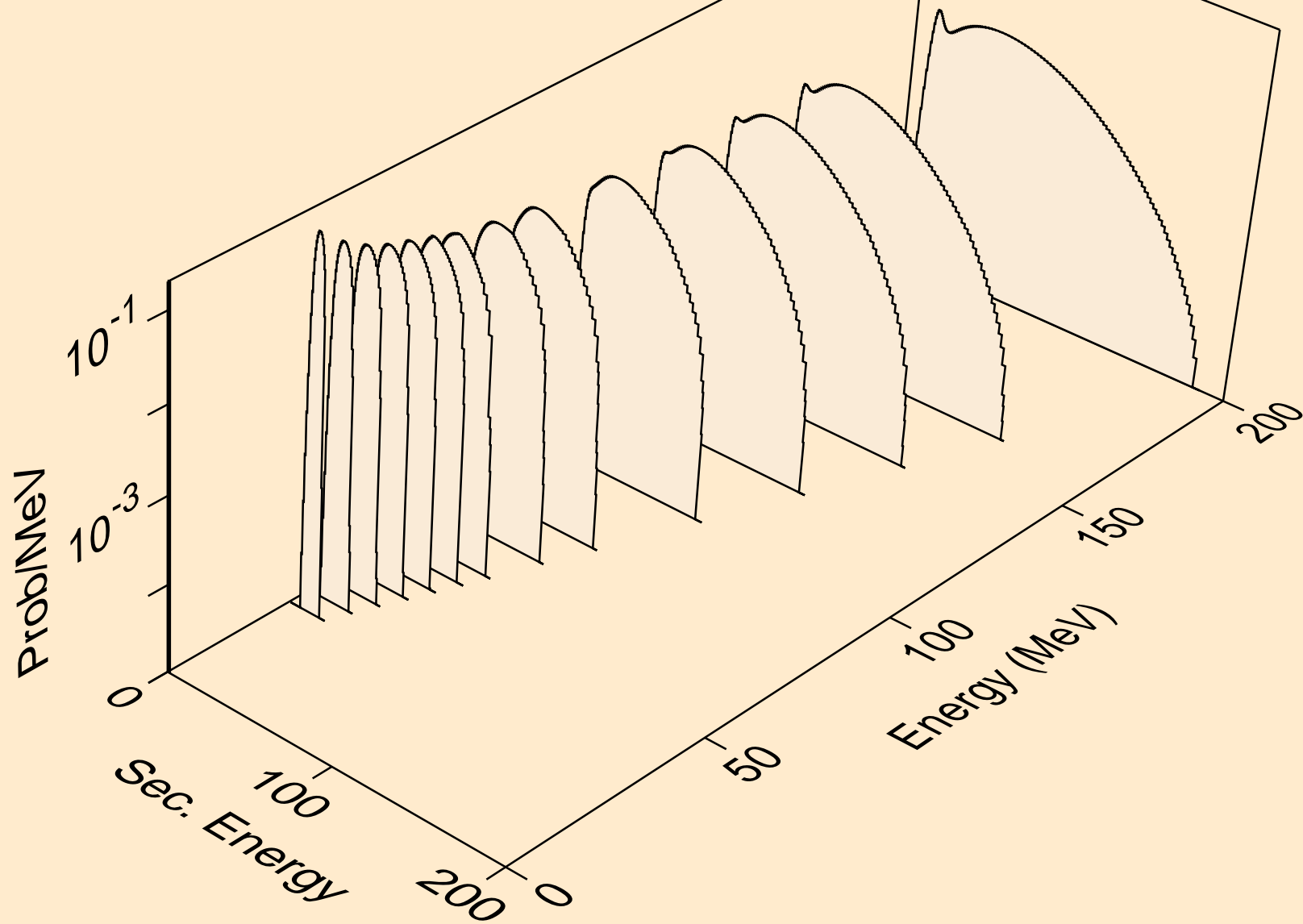
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

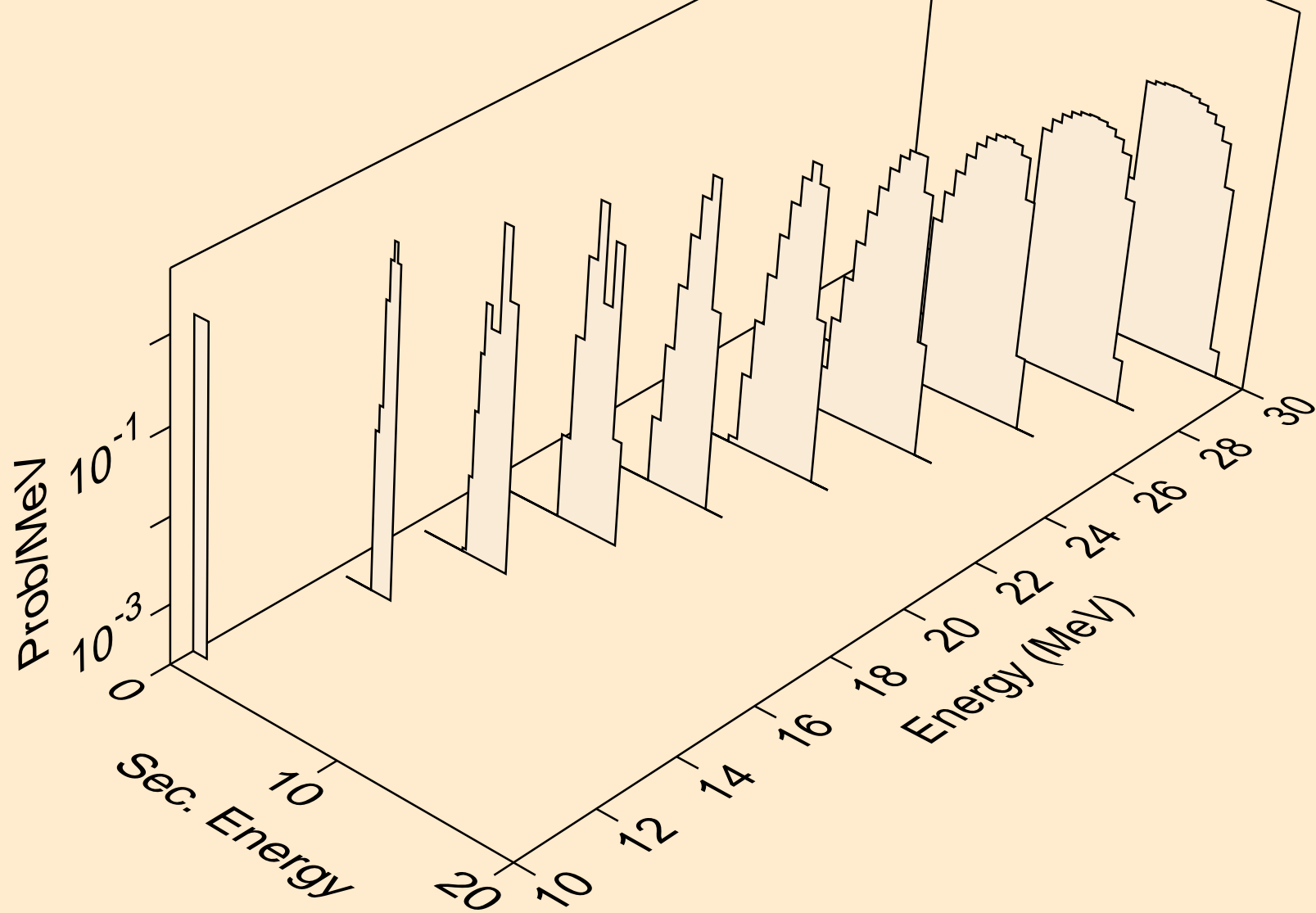


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

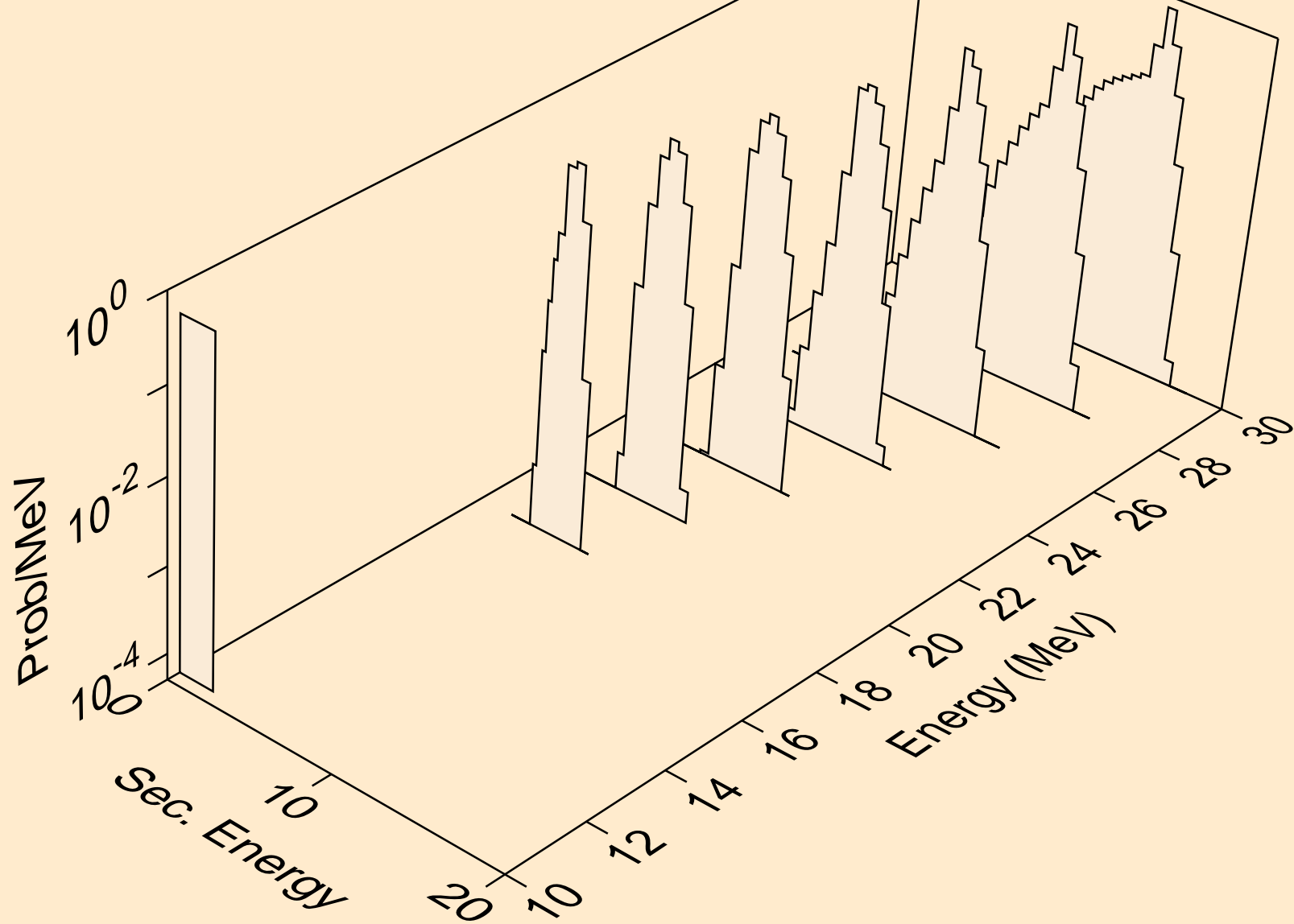




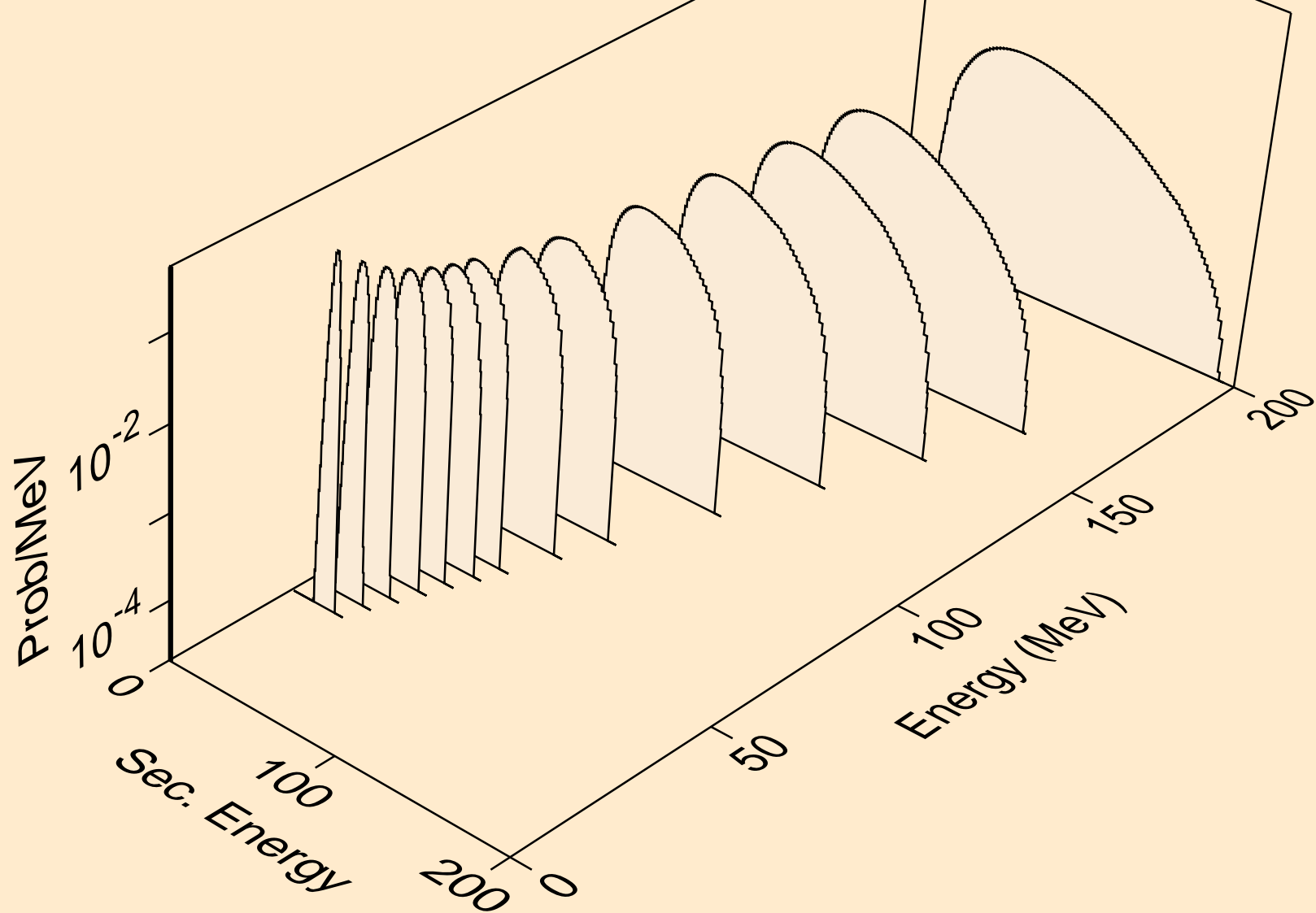
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



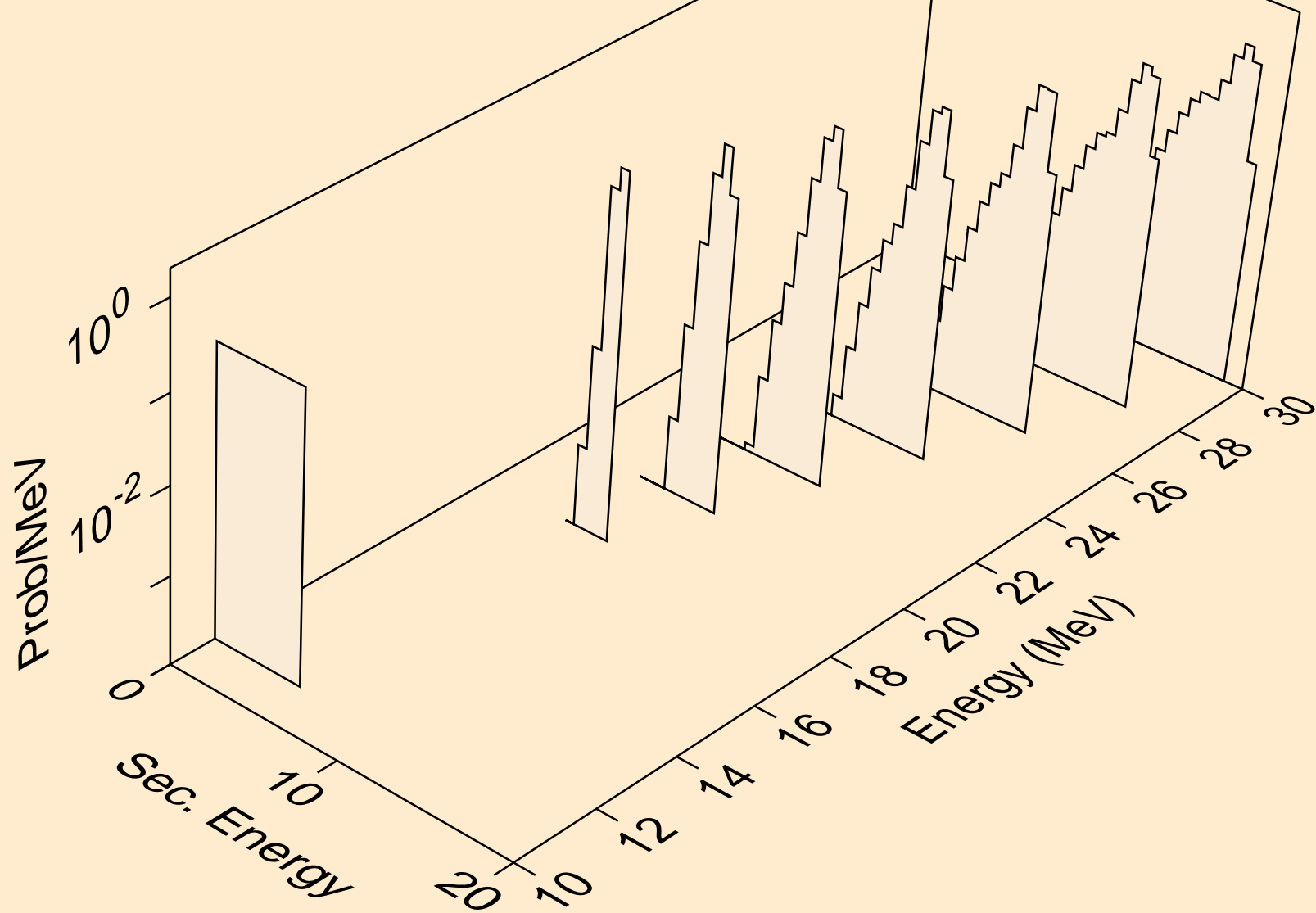
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



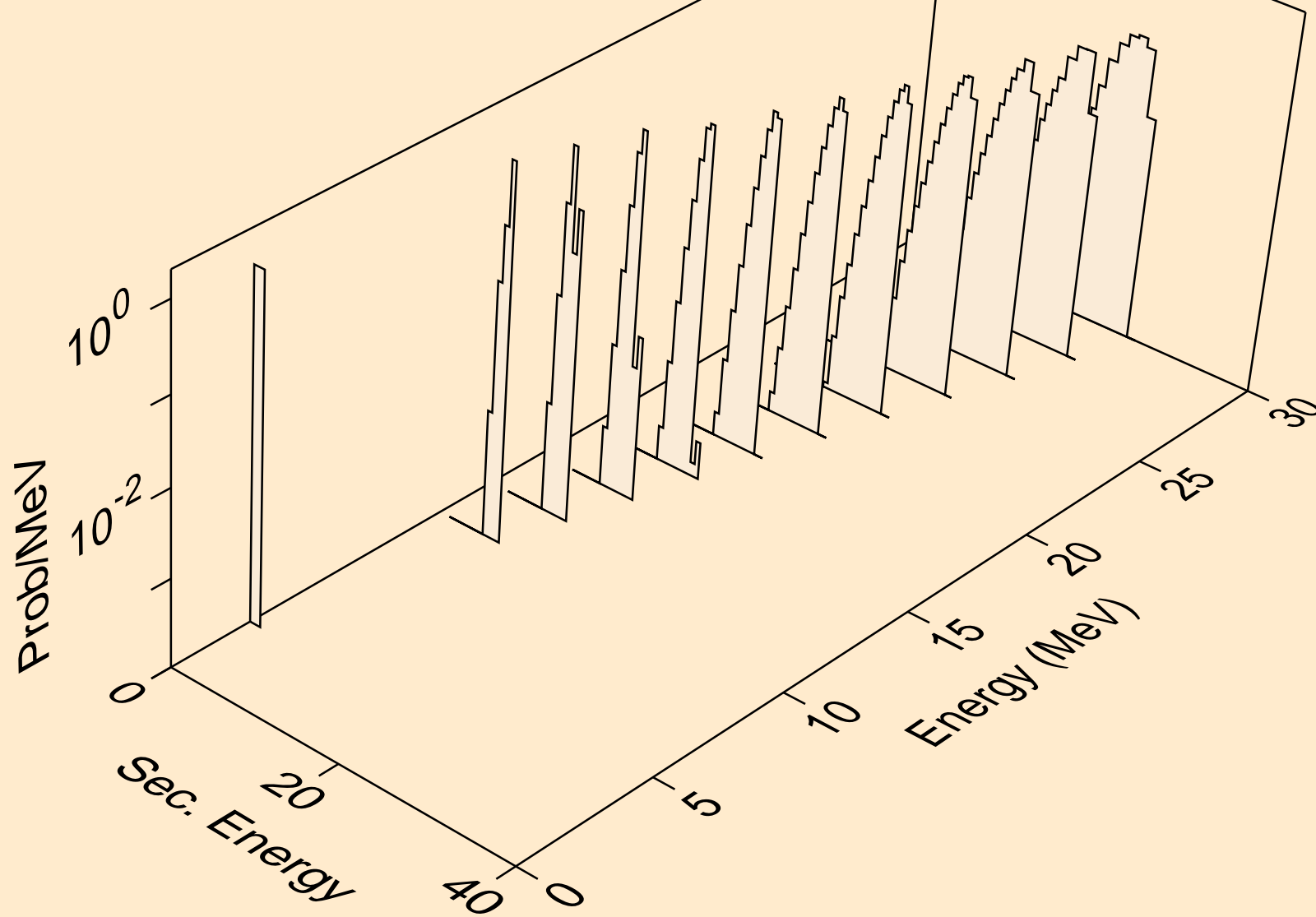
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



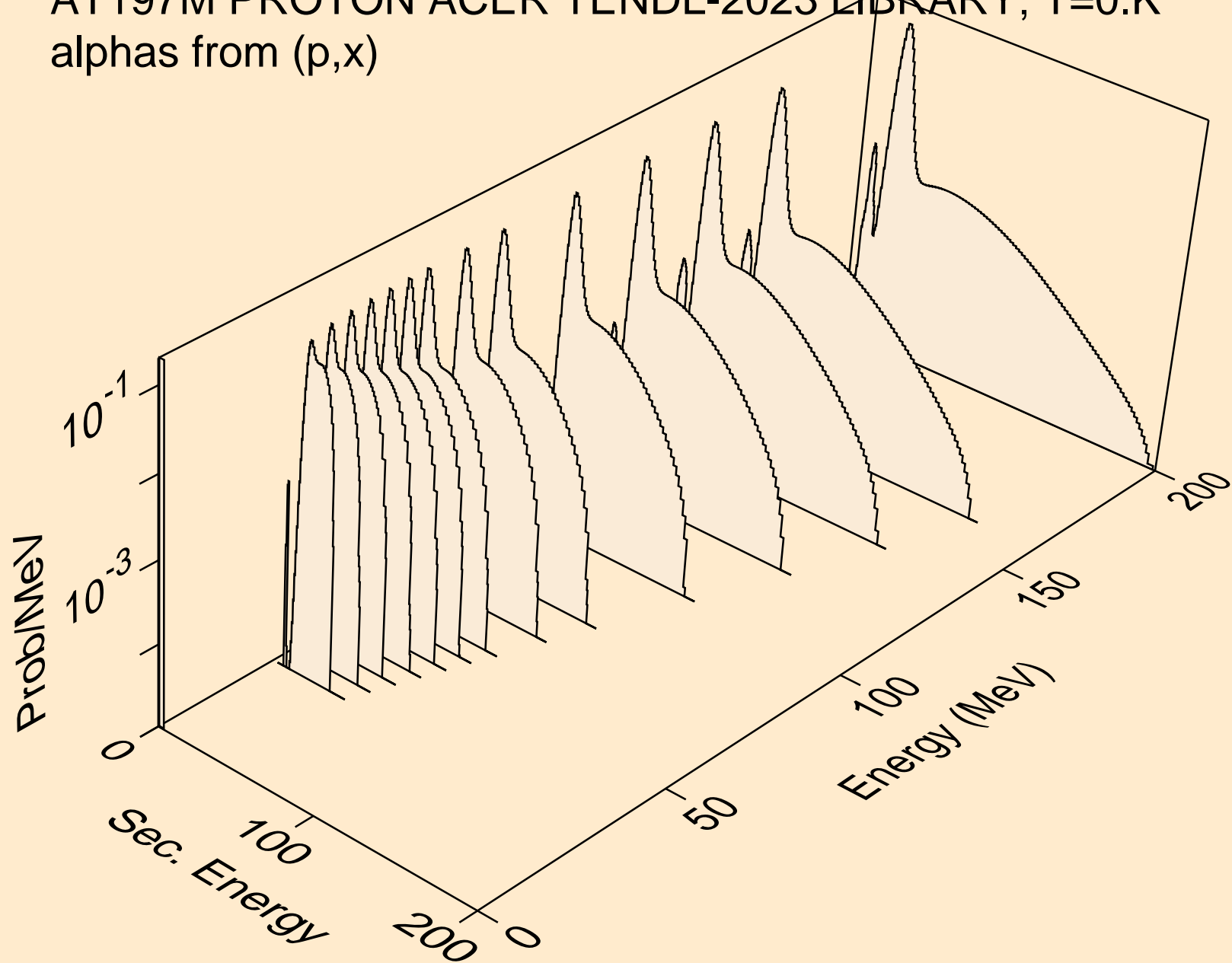
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



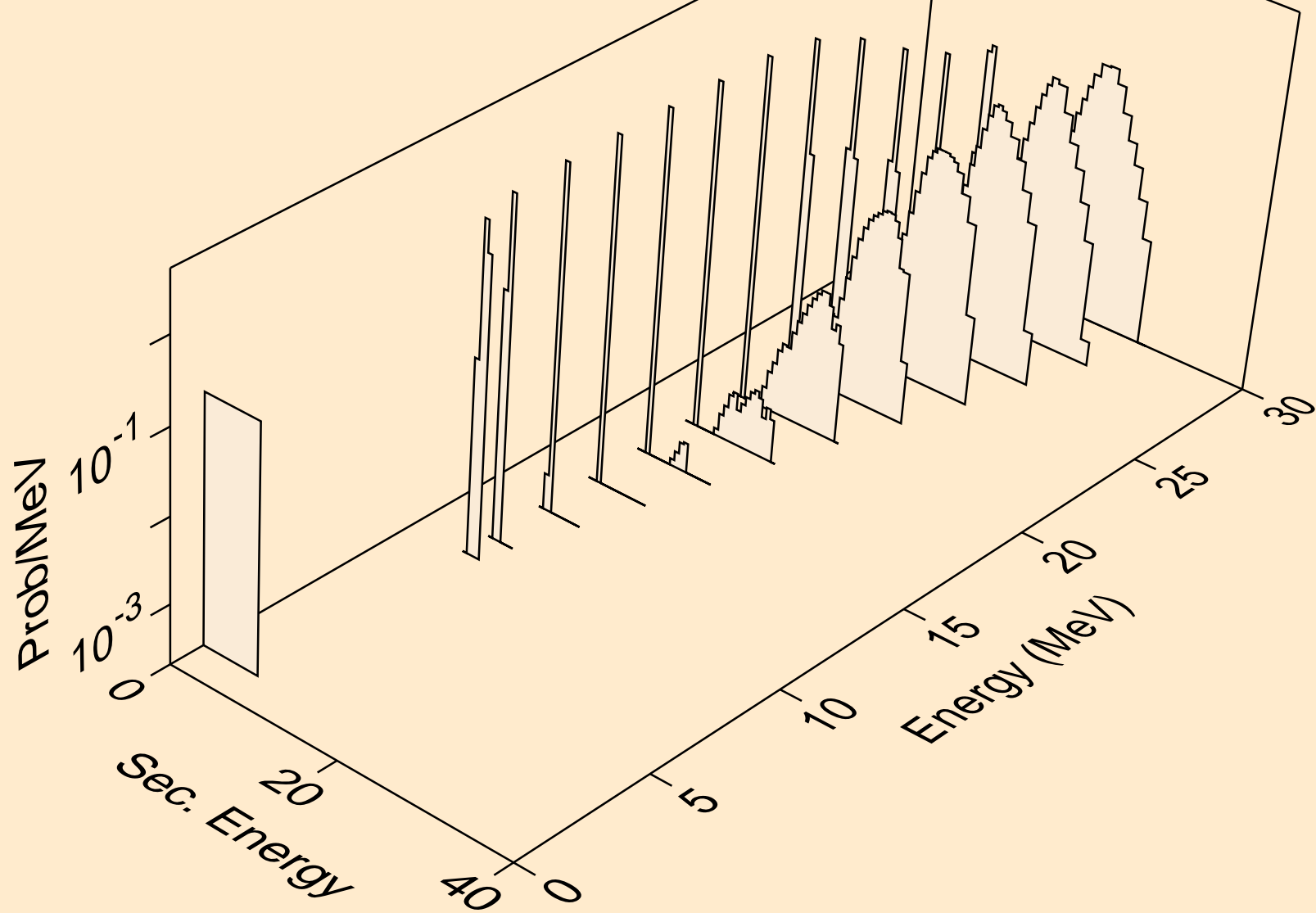
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



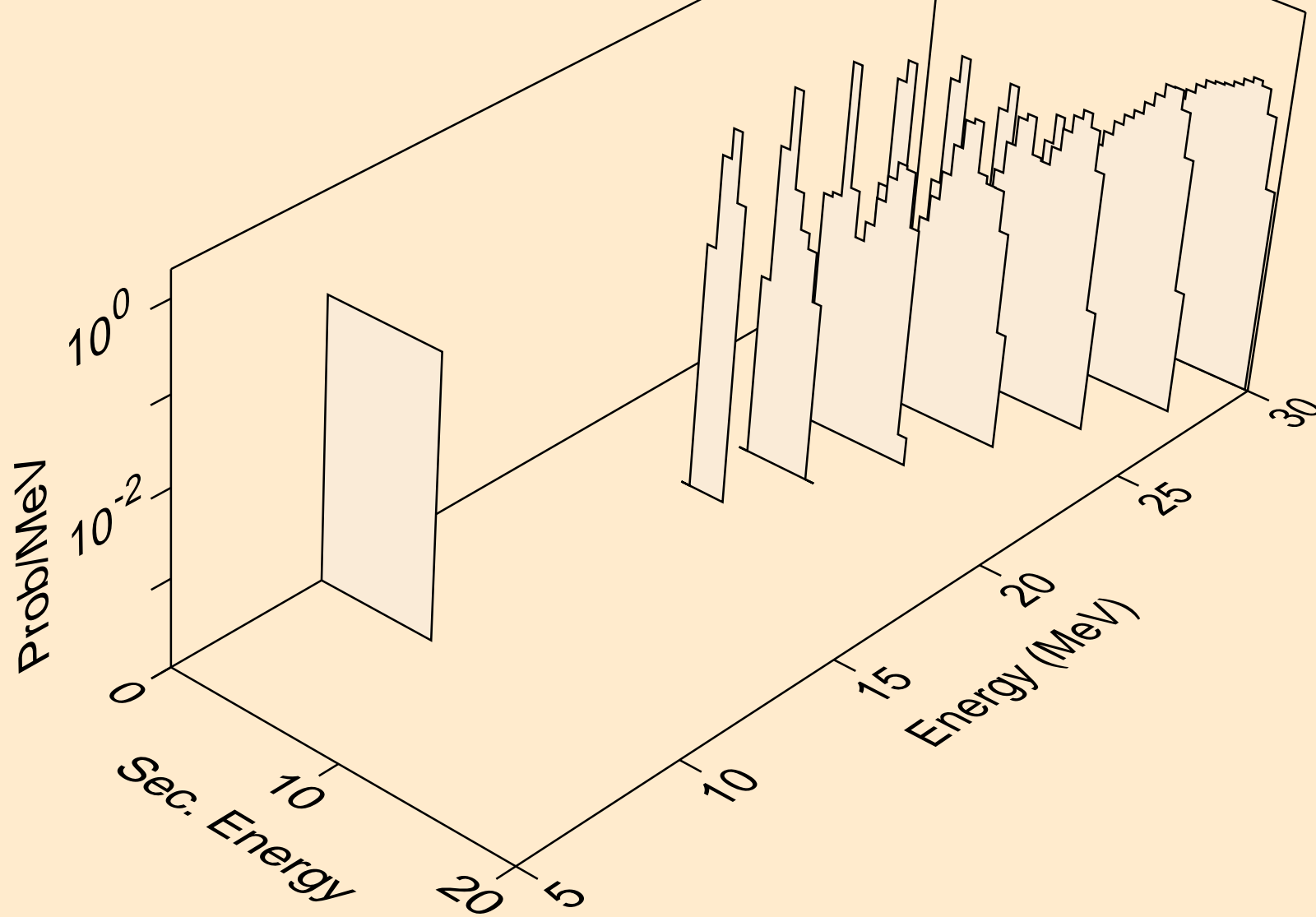
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

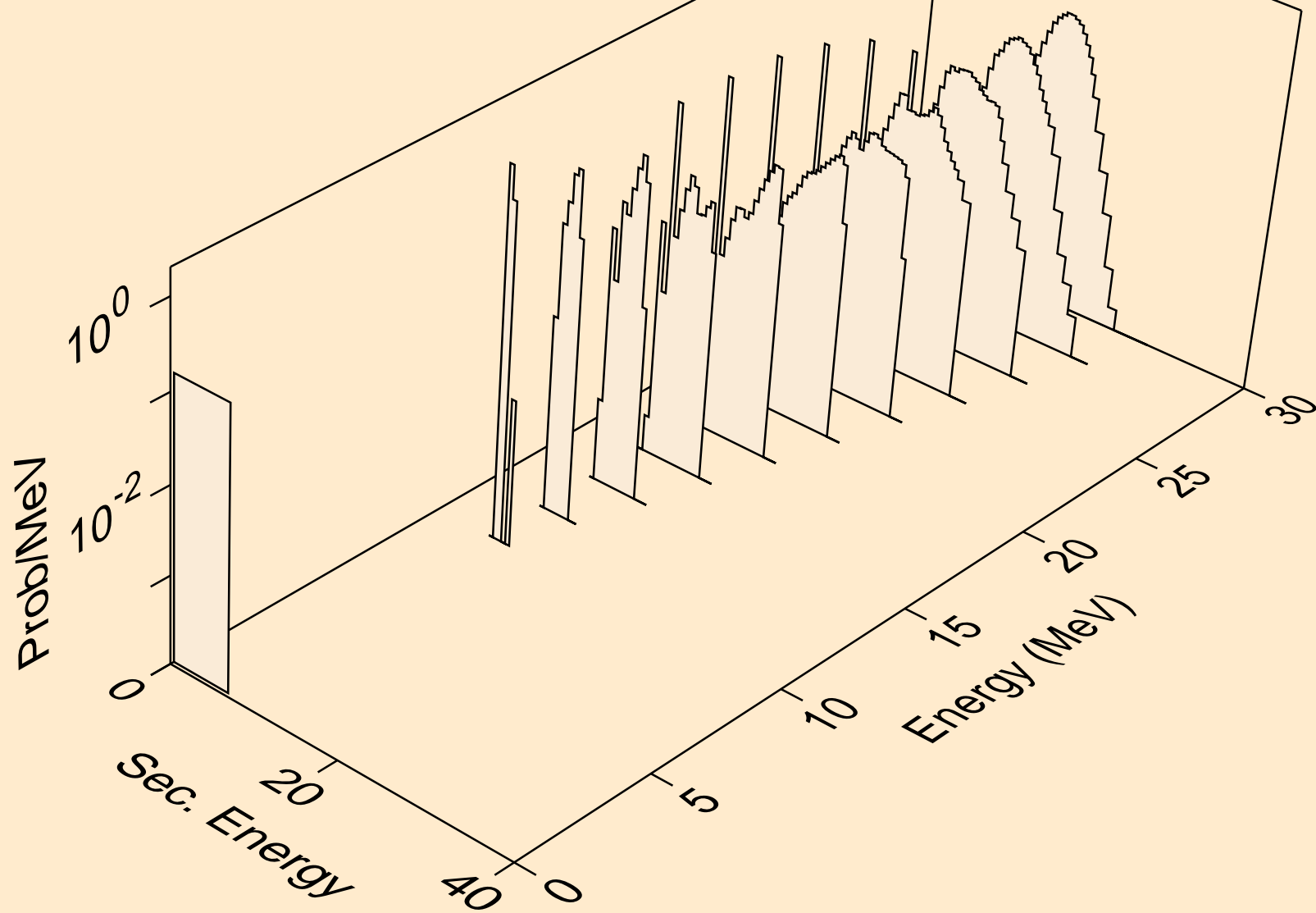


AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

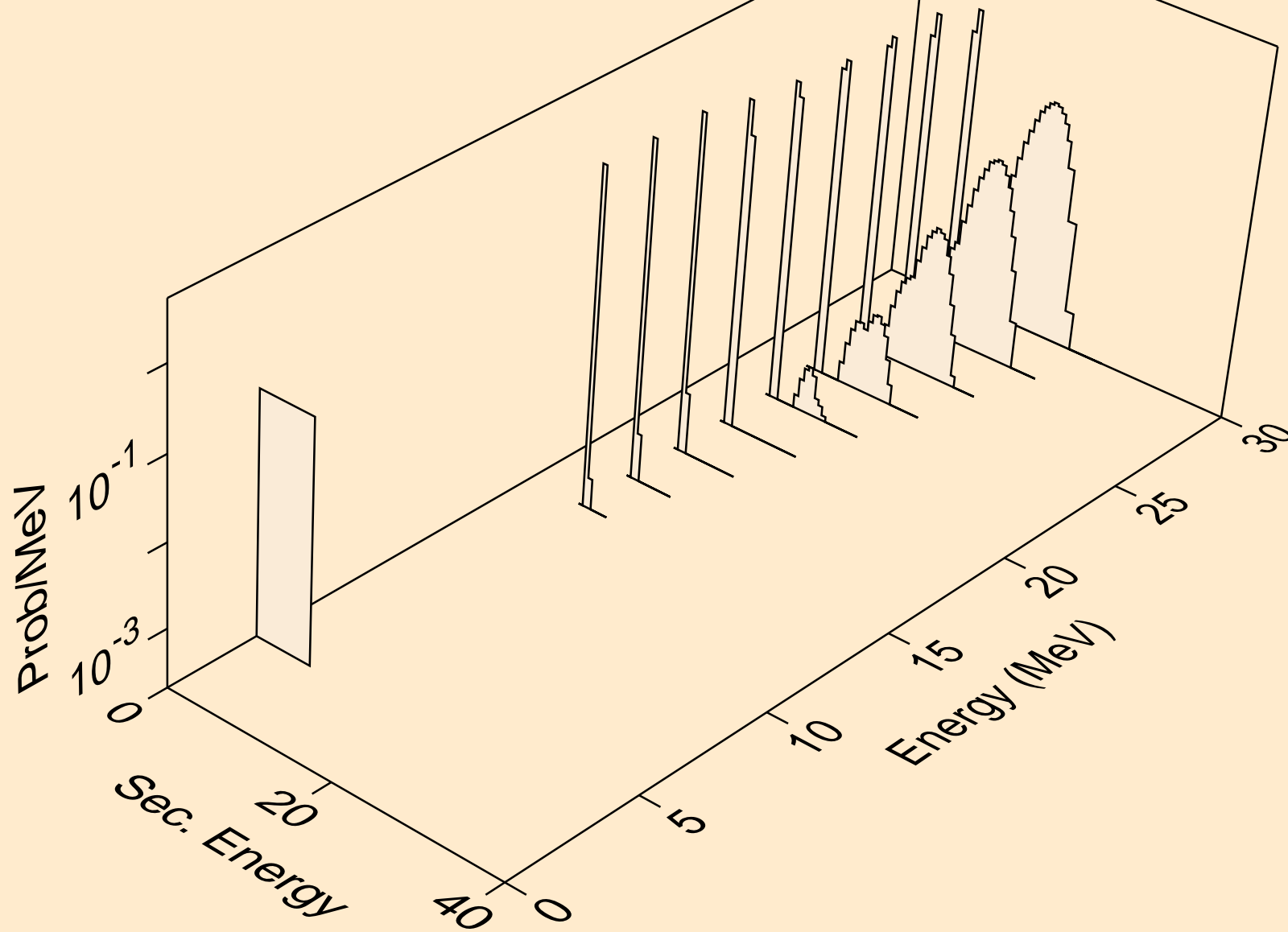




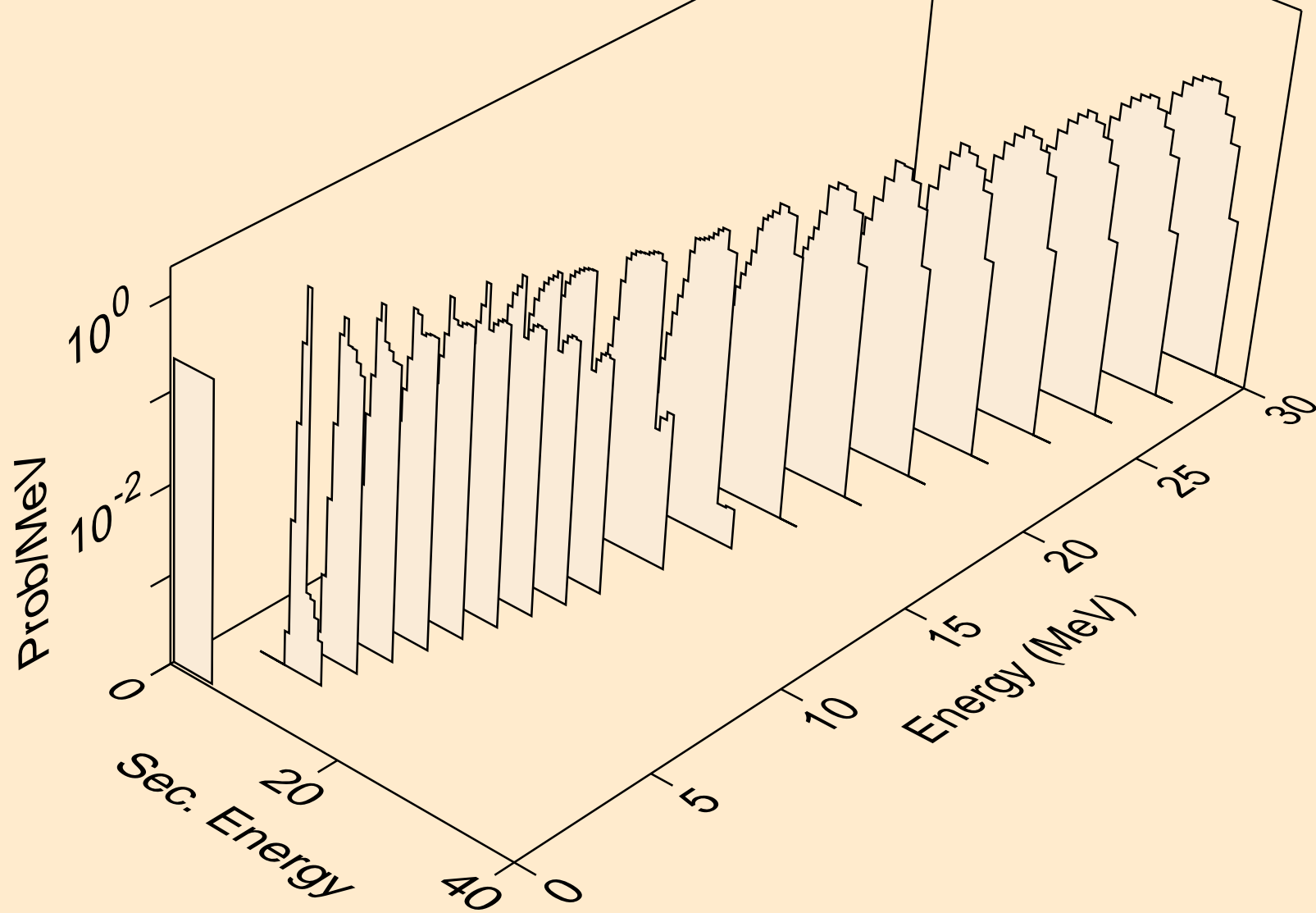
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



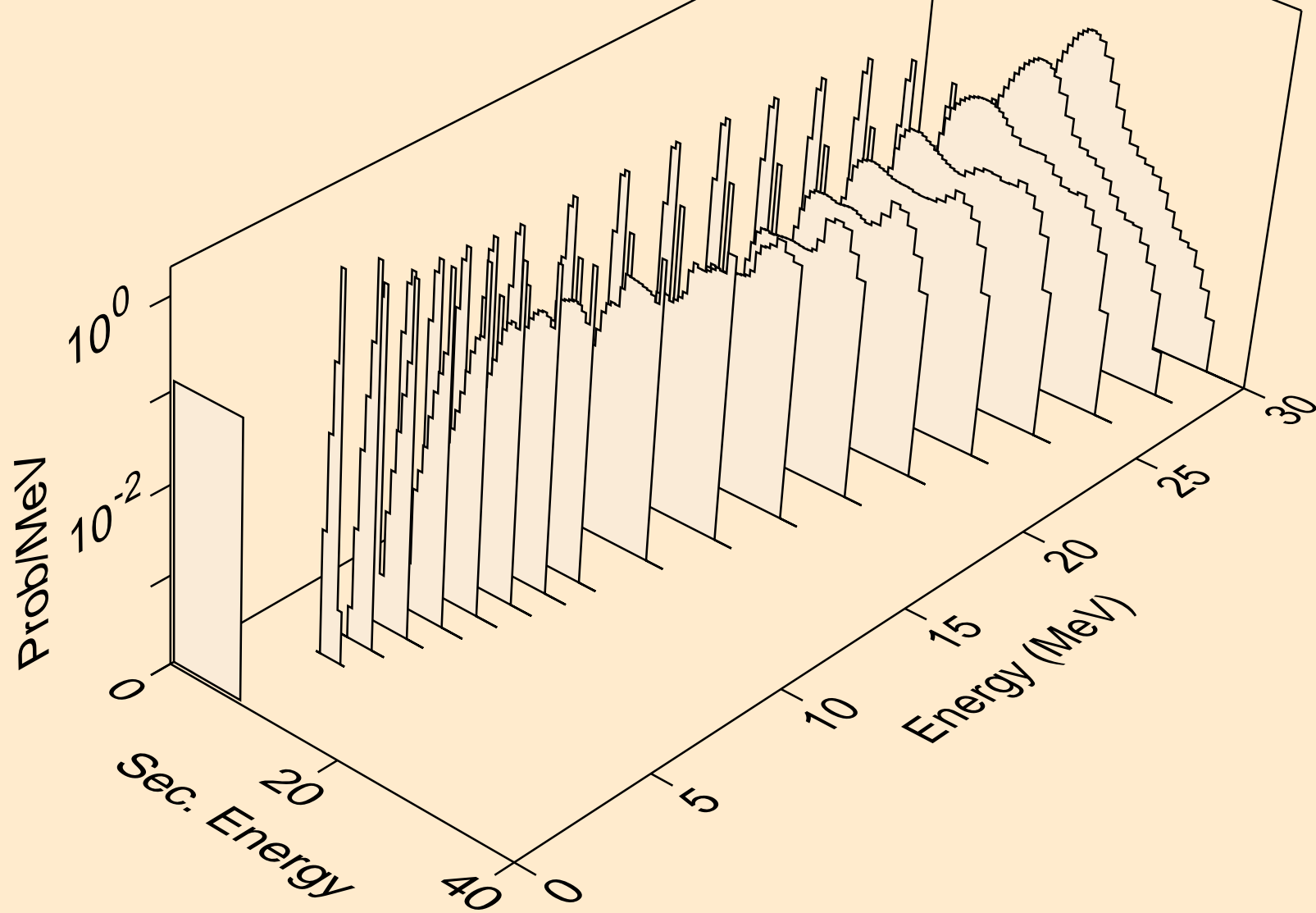
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



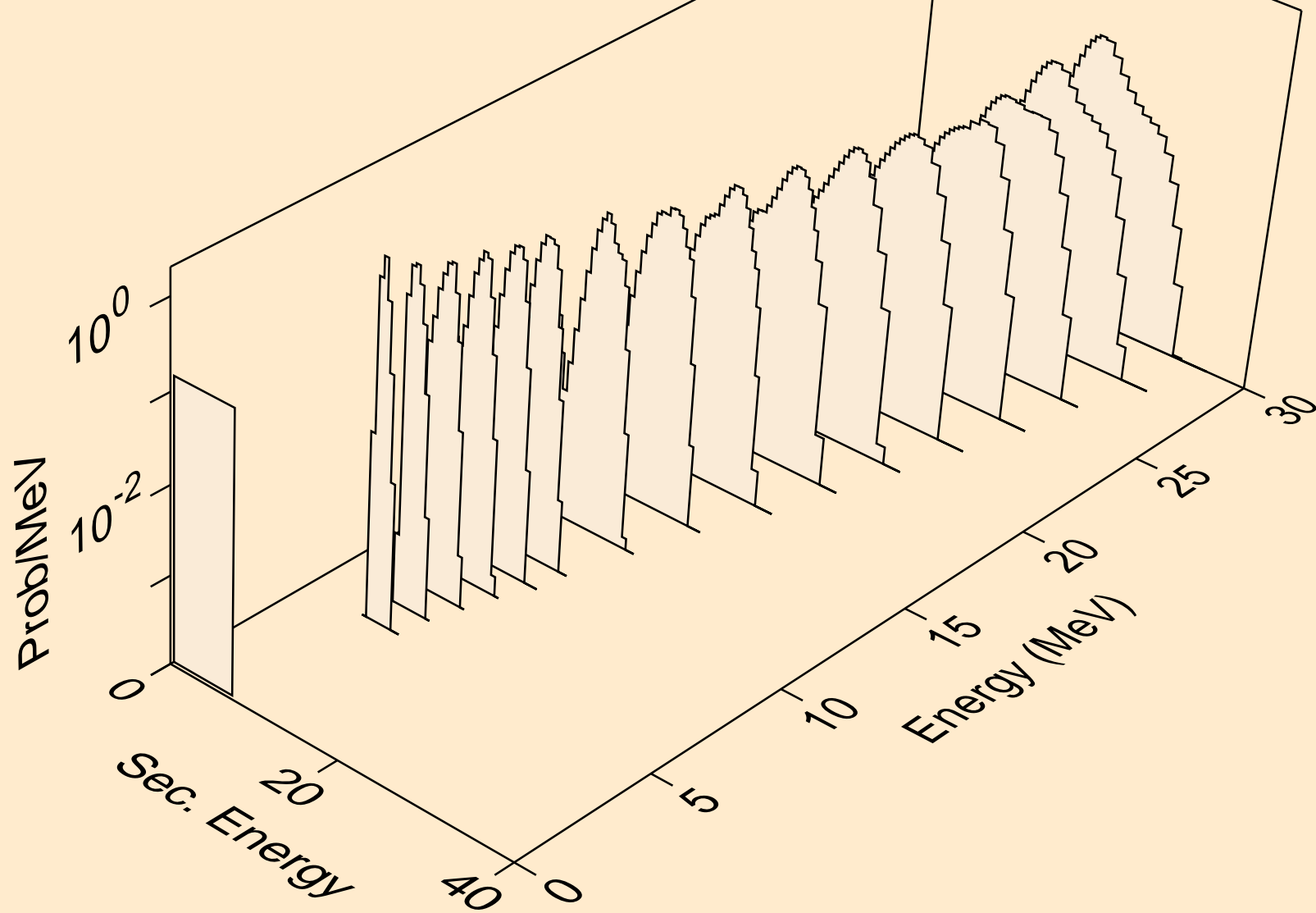
AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



AT197M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

