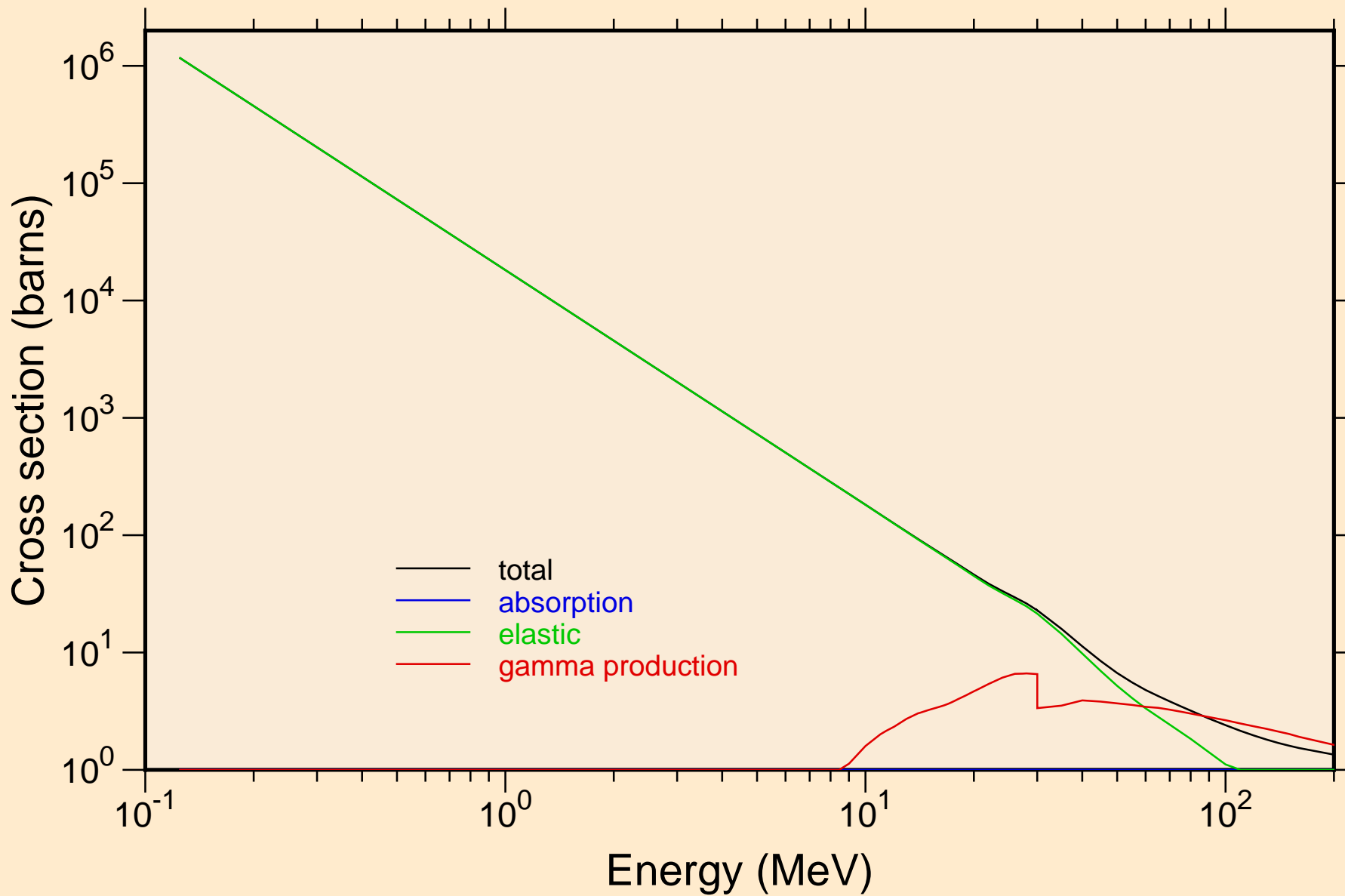
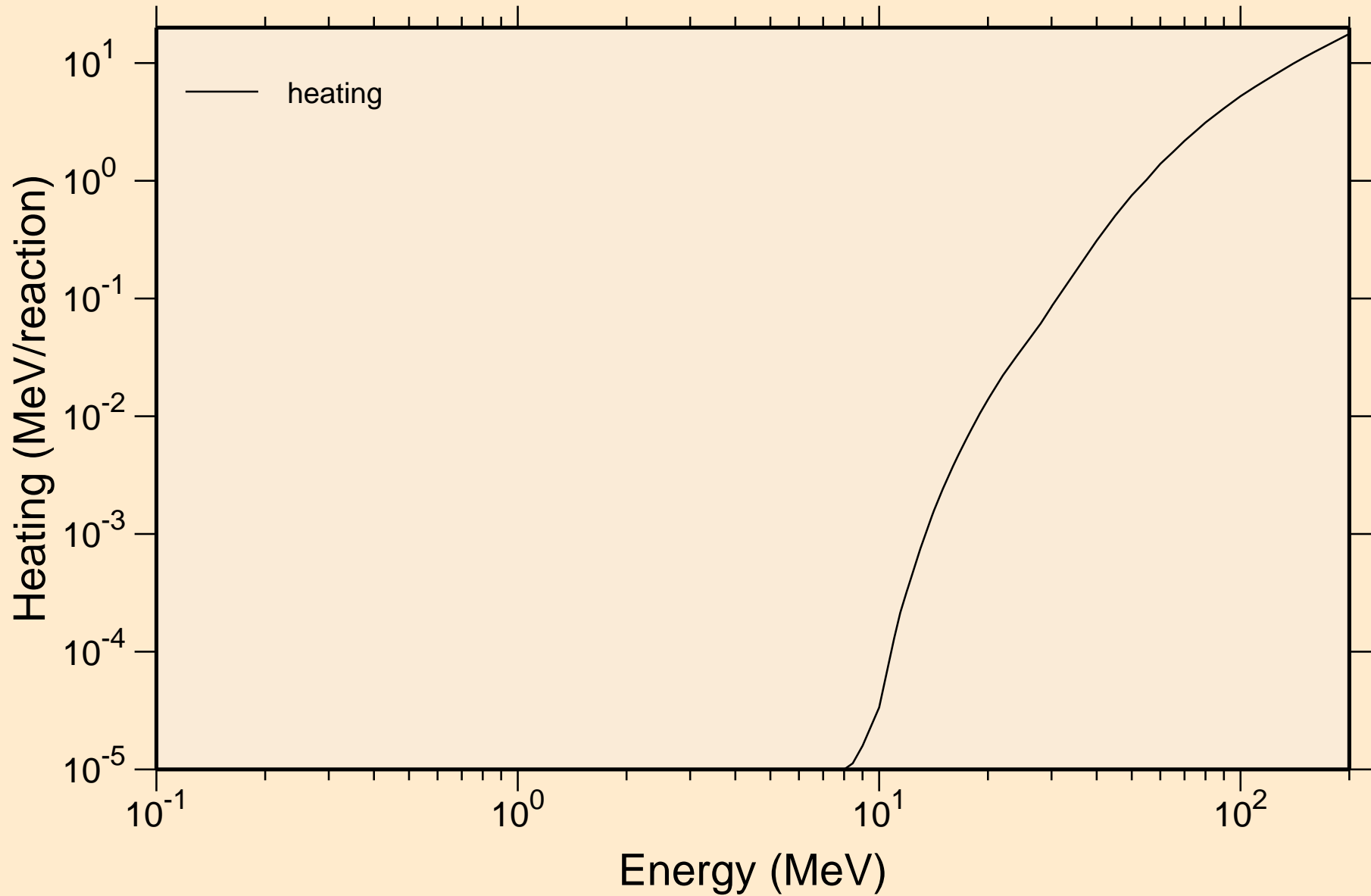


XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



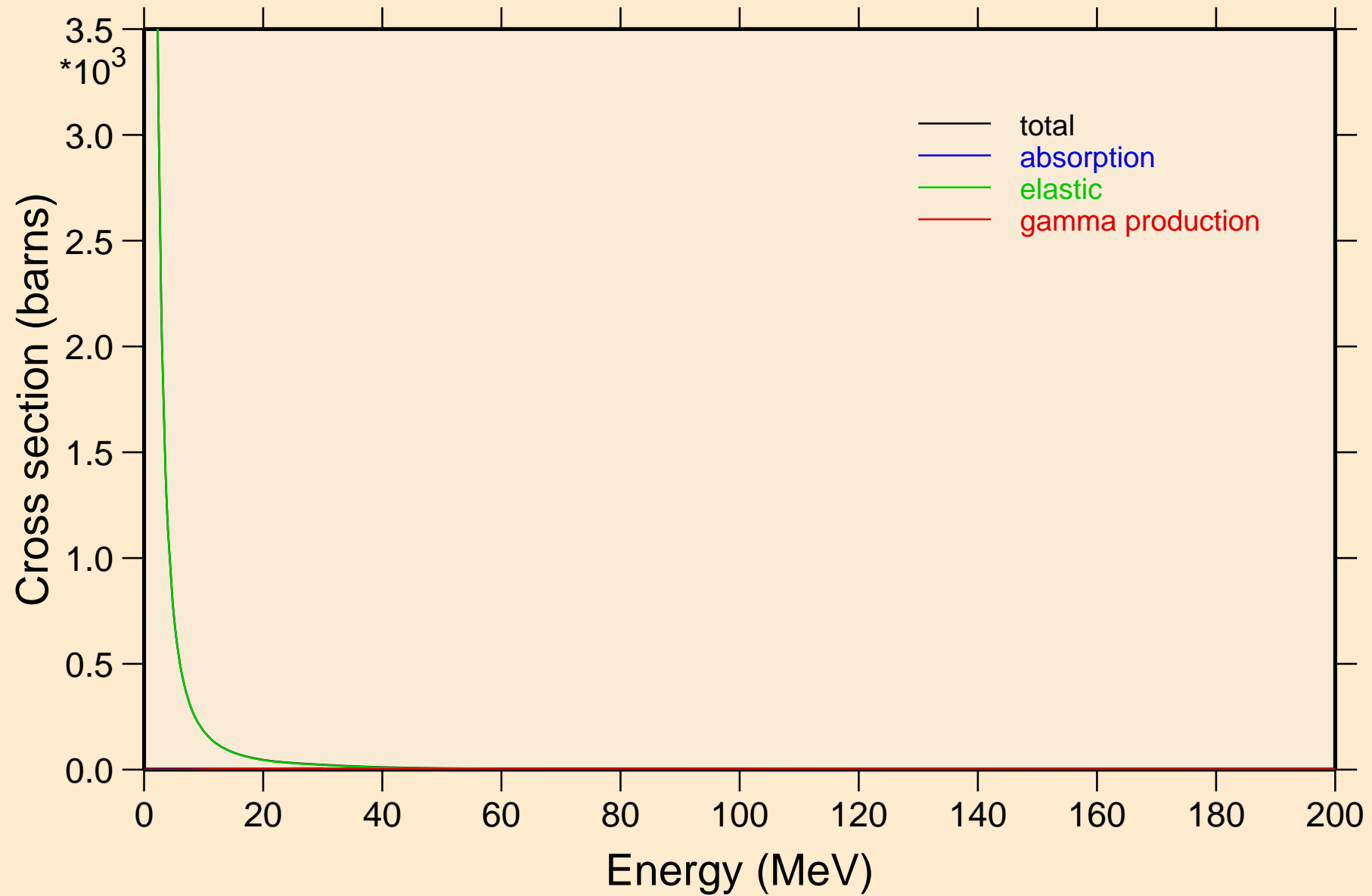
# XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



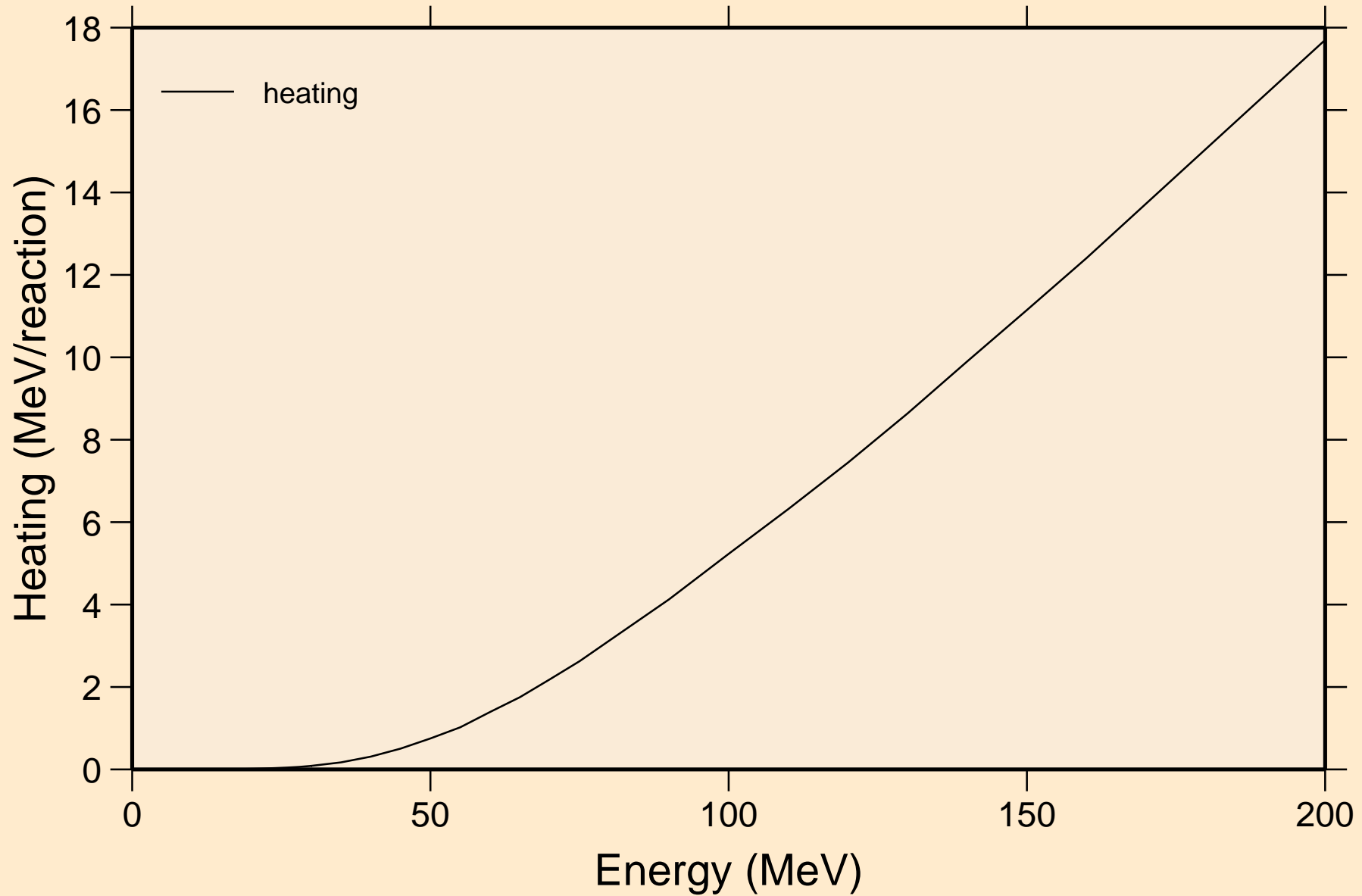
# XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

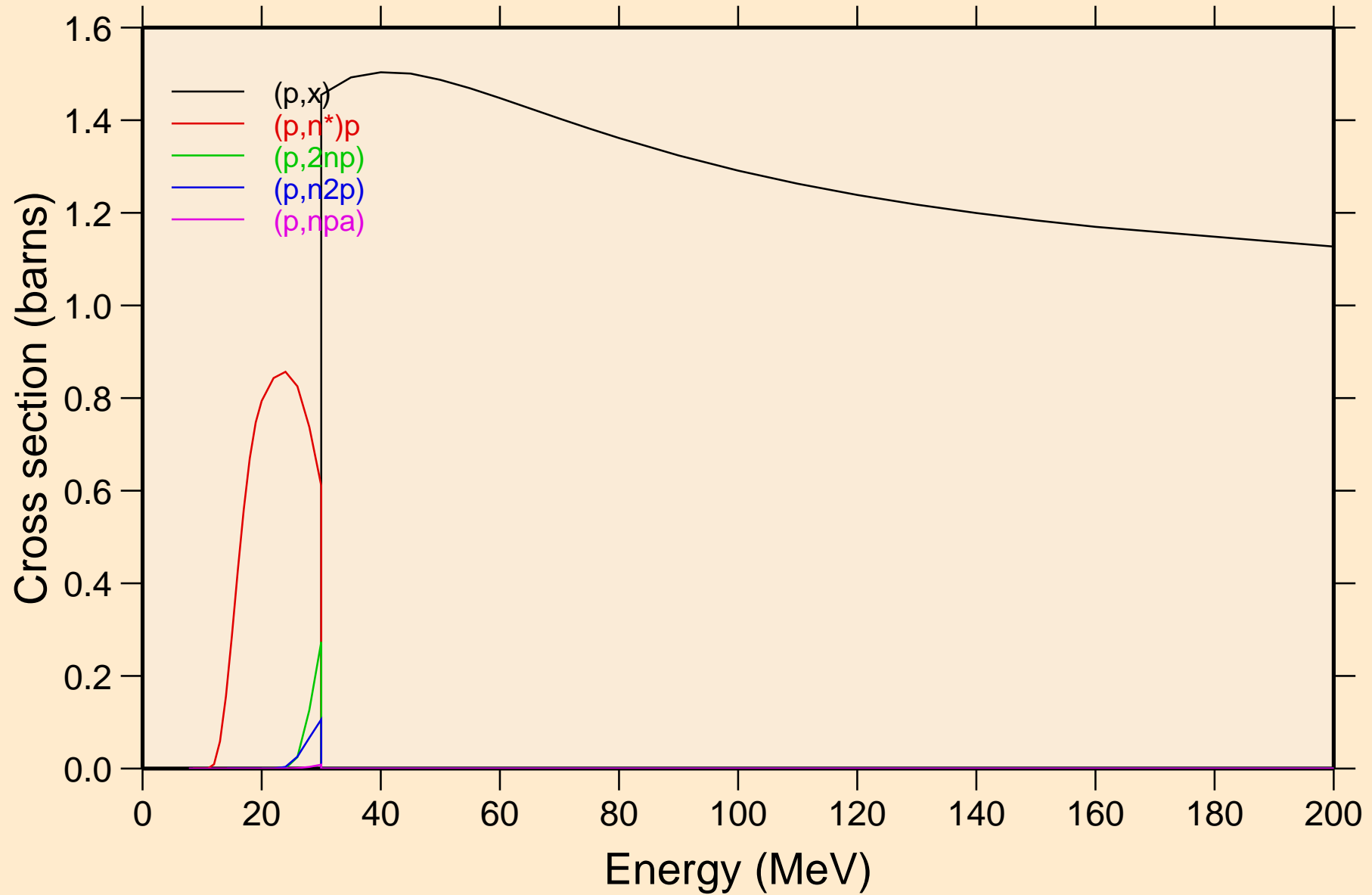


# XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K

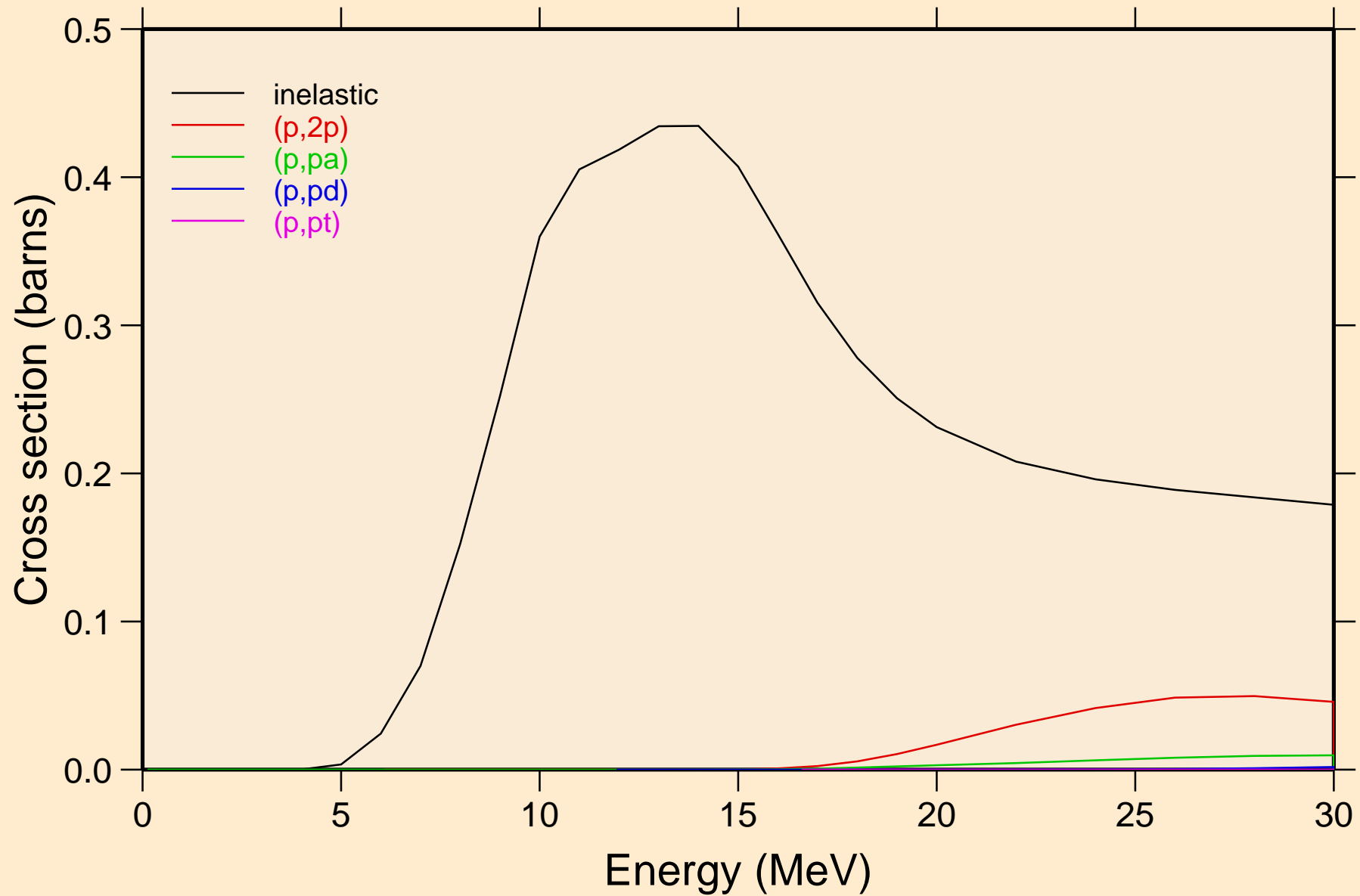
## Heating



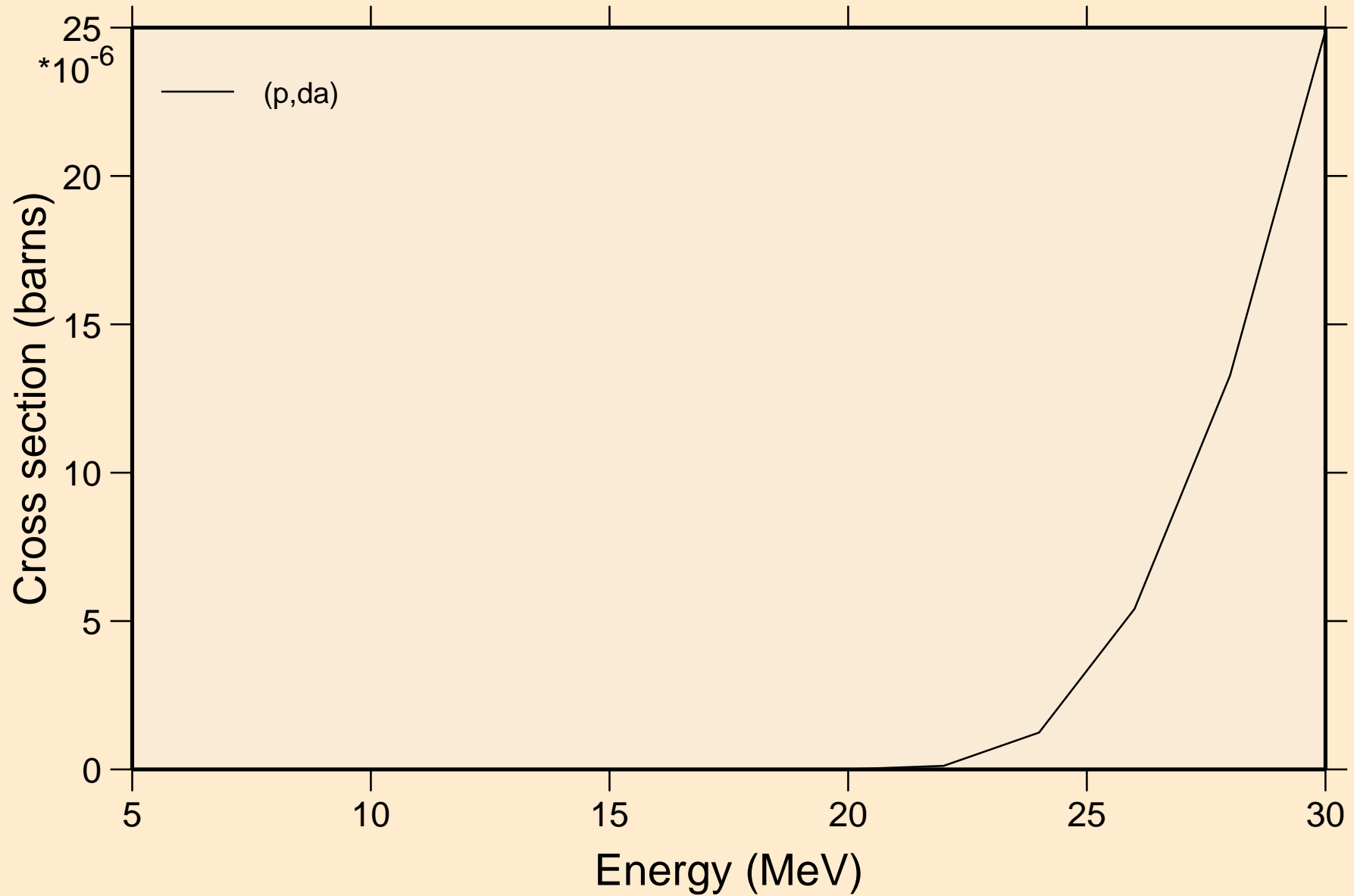
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



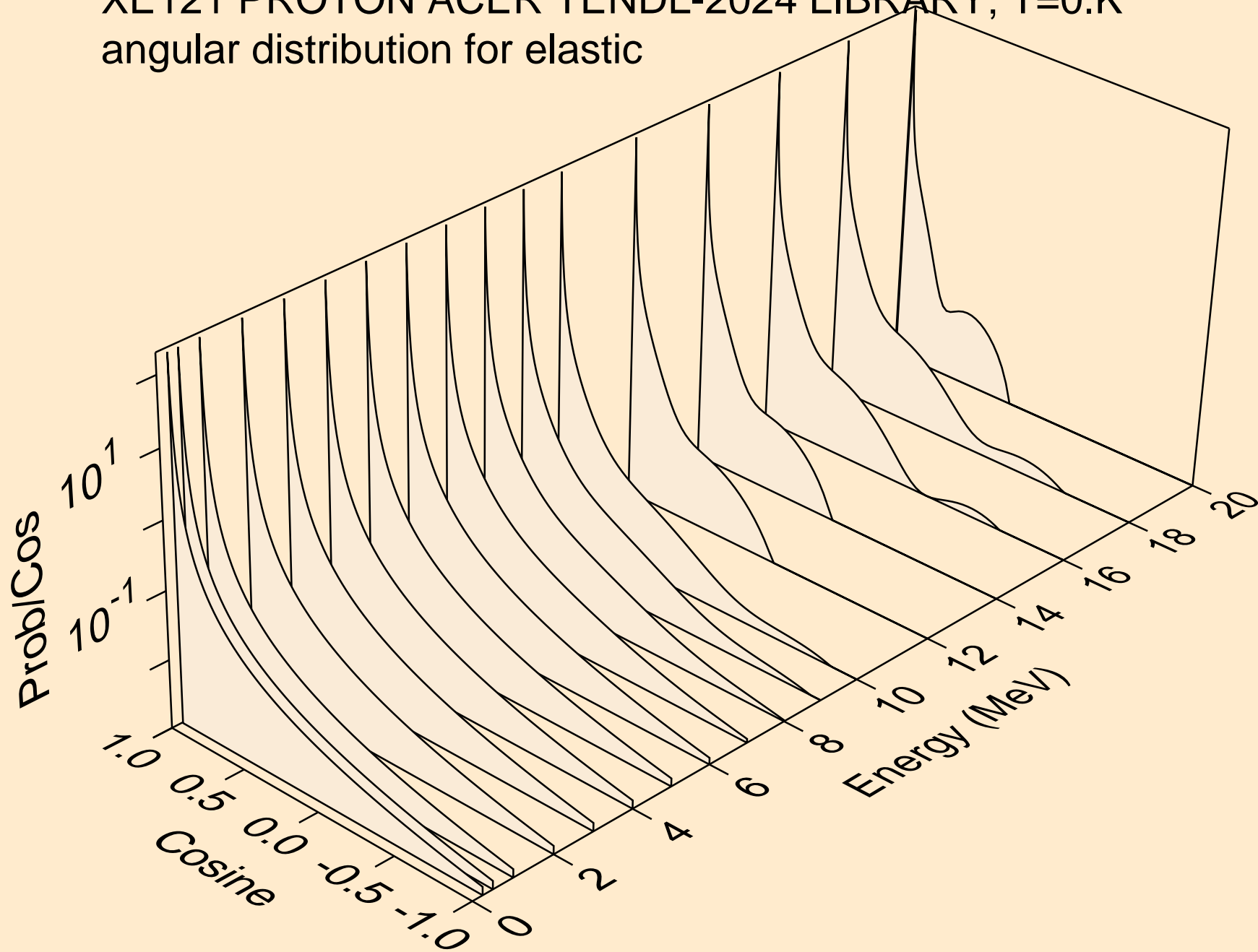
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



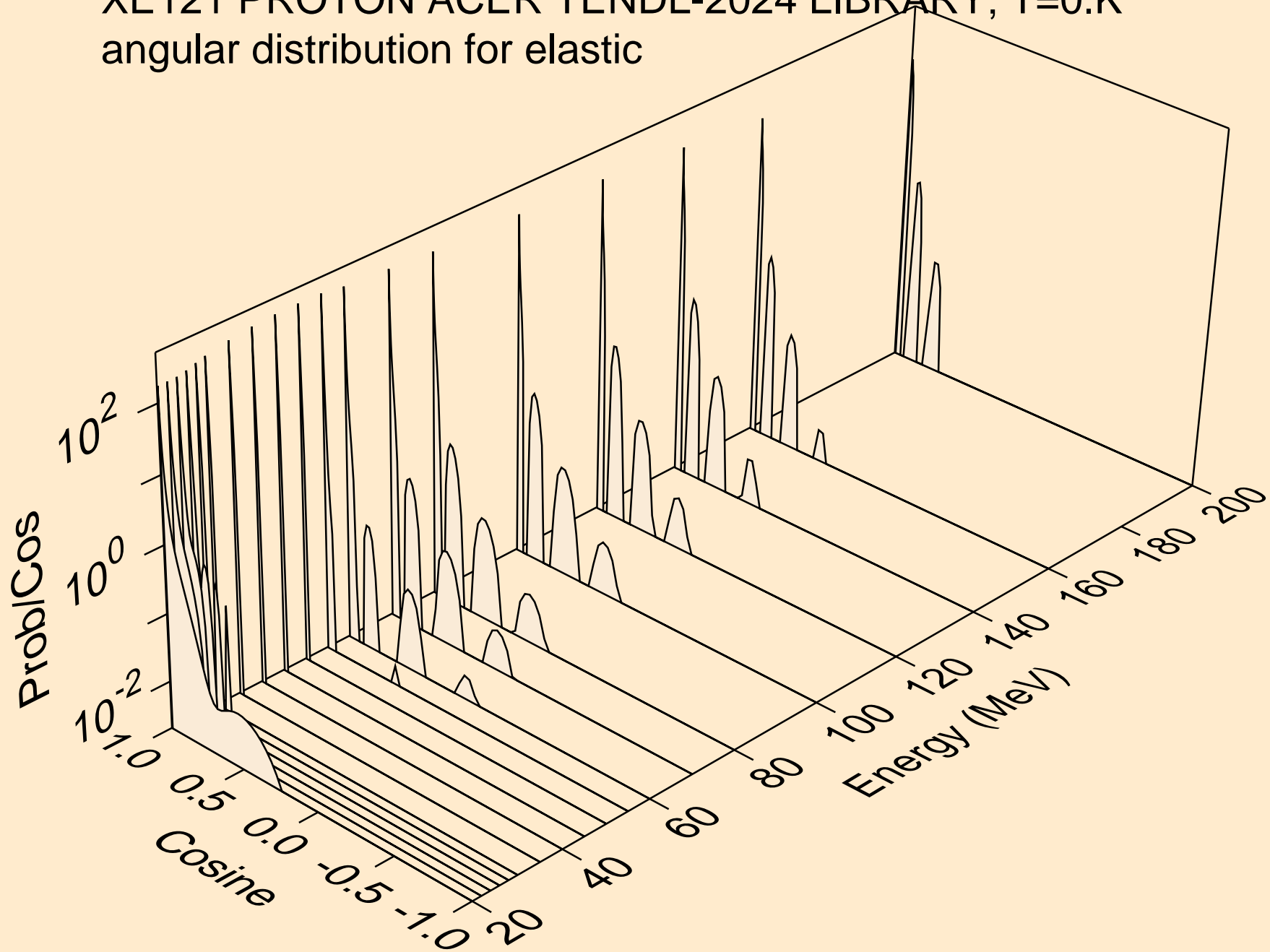
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



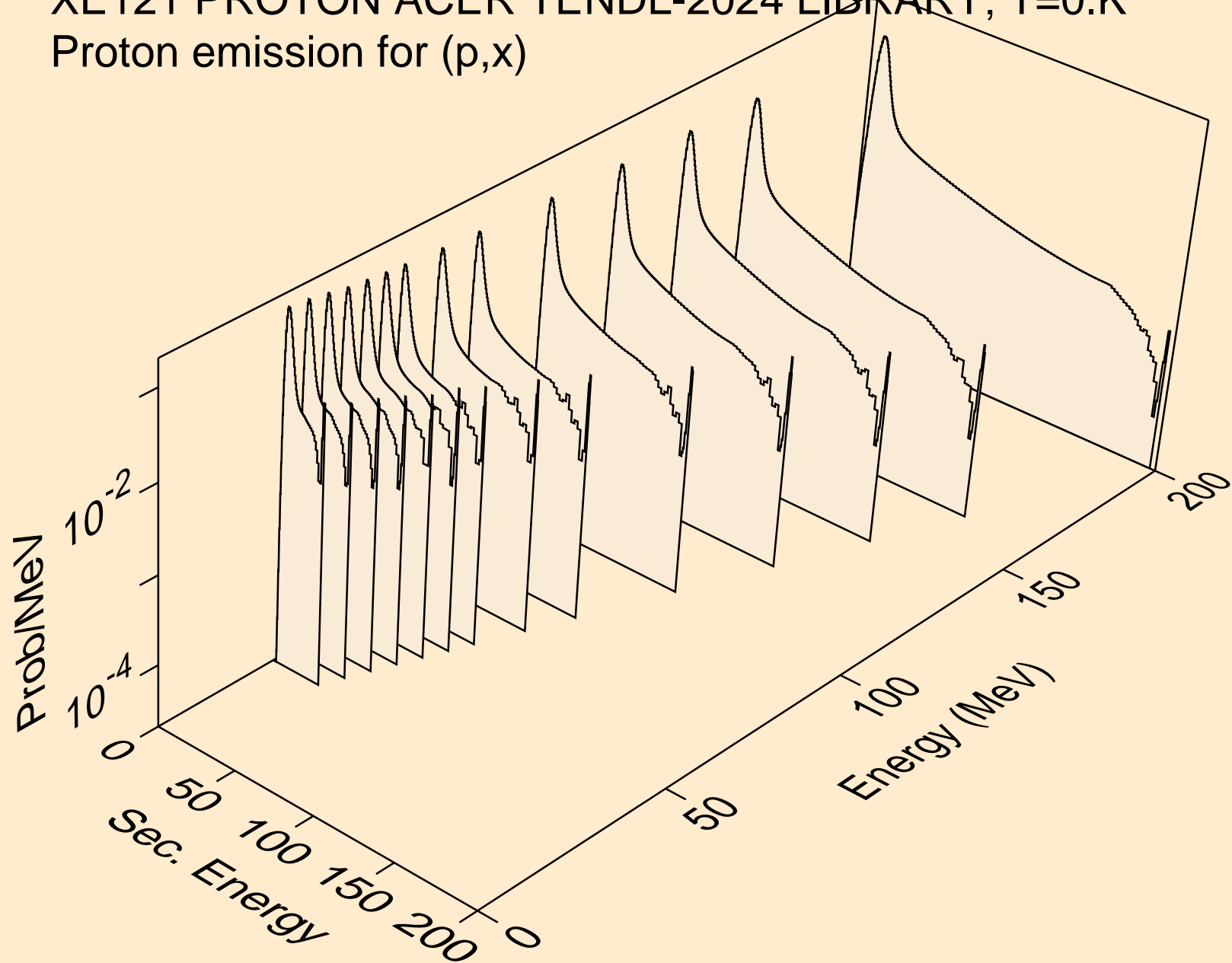
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



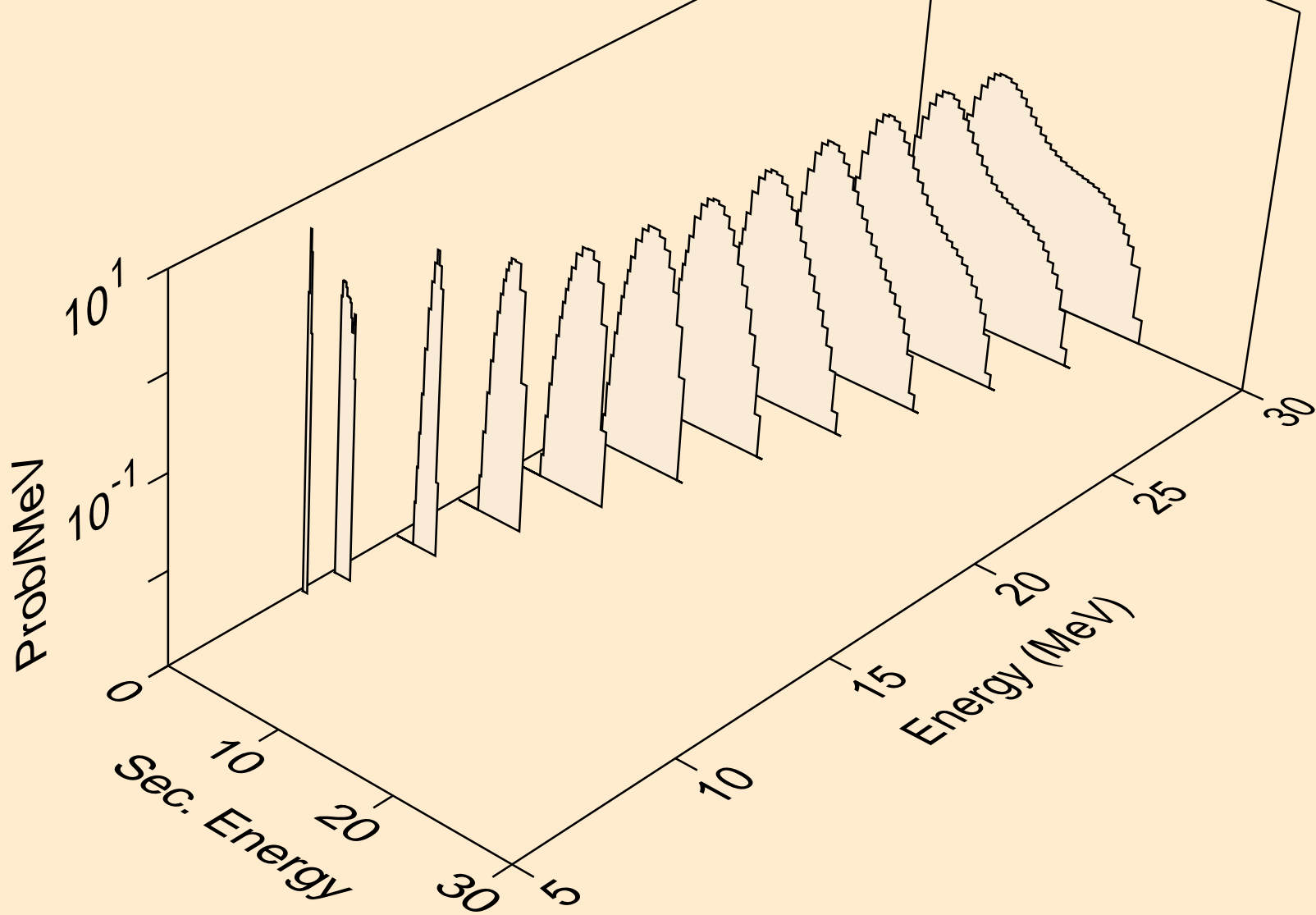
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



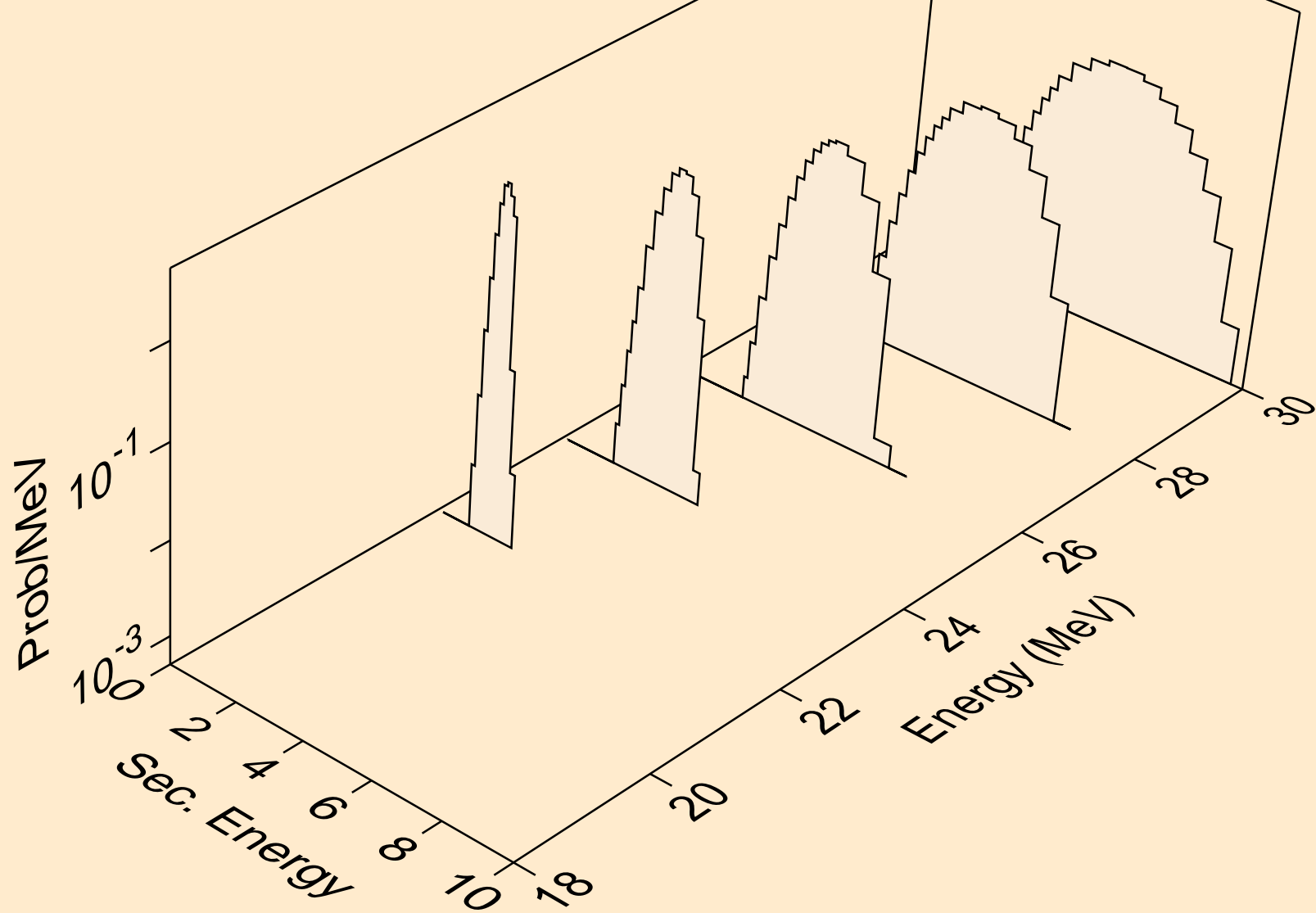
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



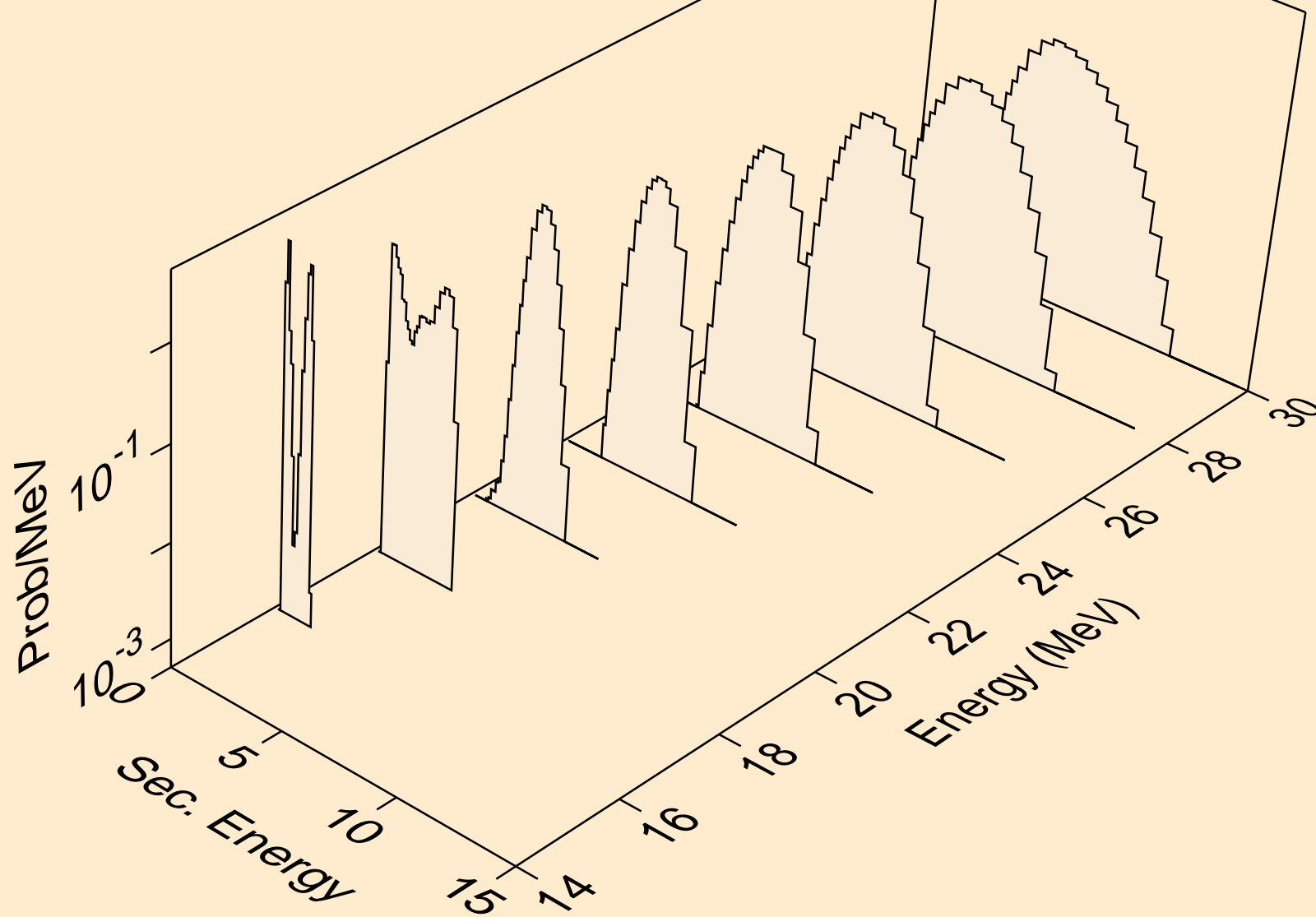
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



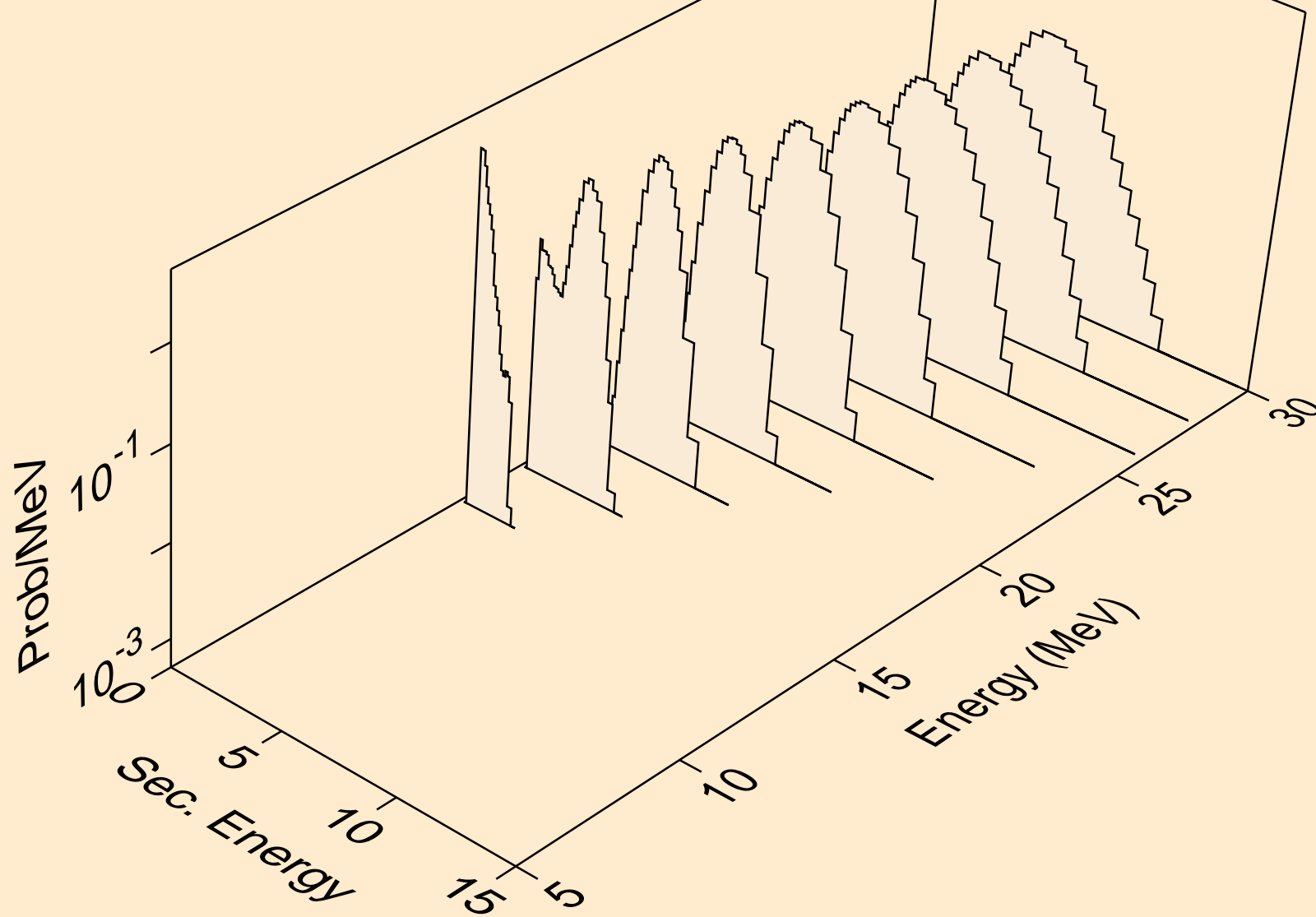
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



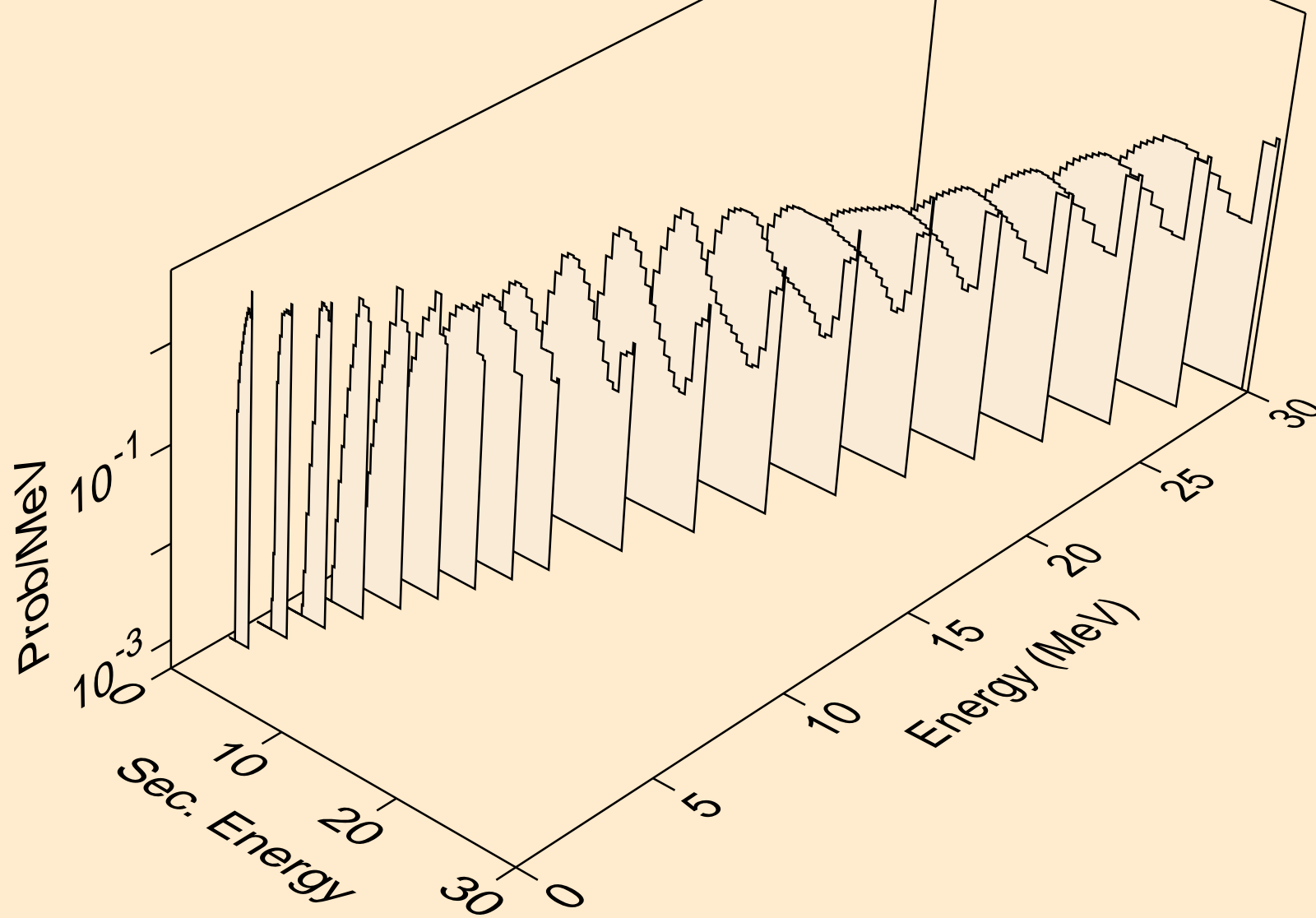
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



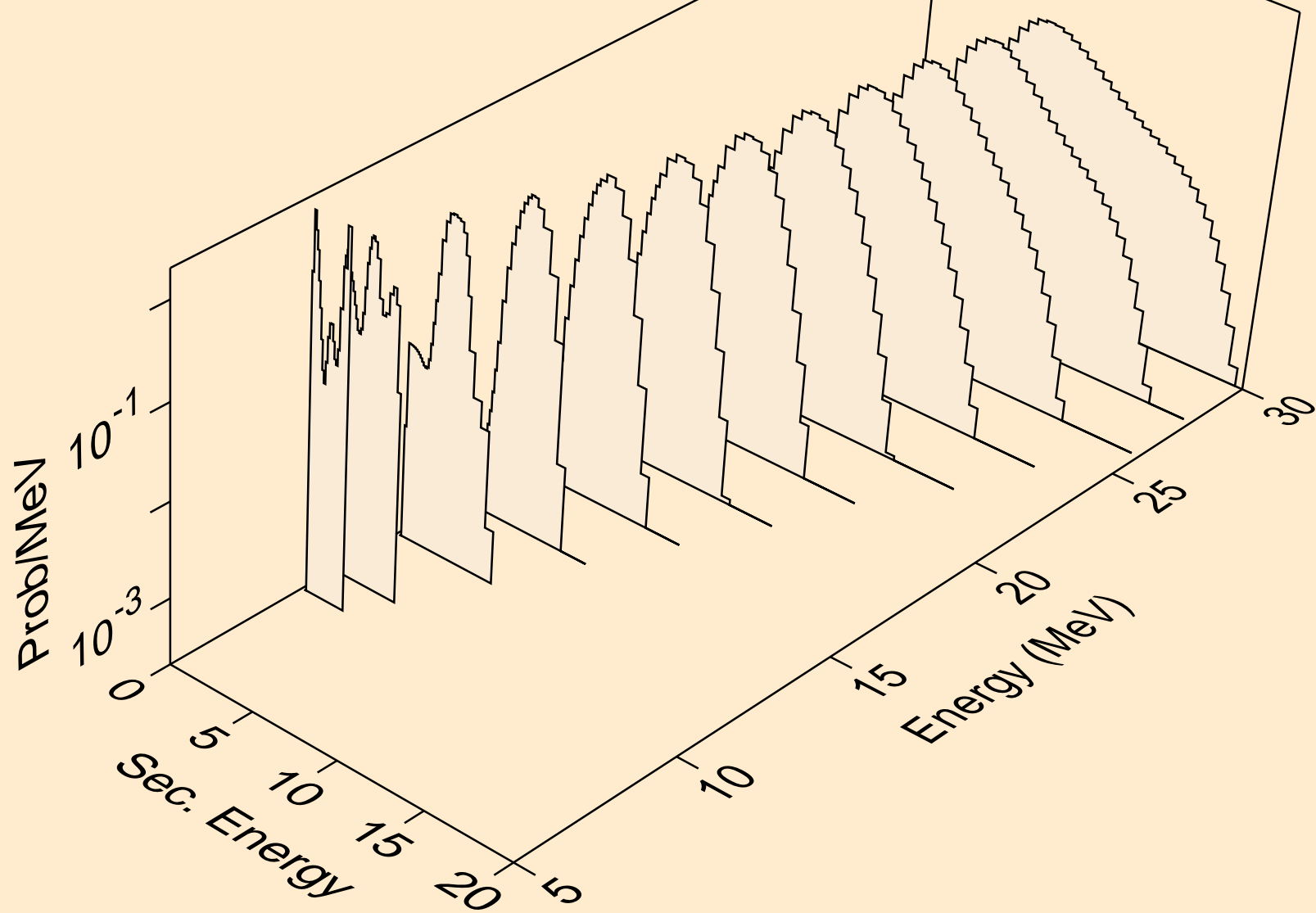
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



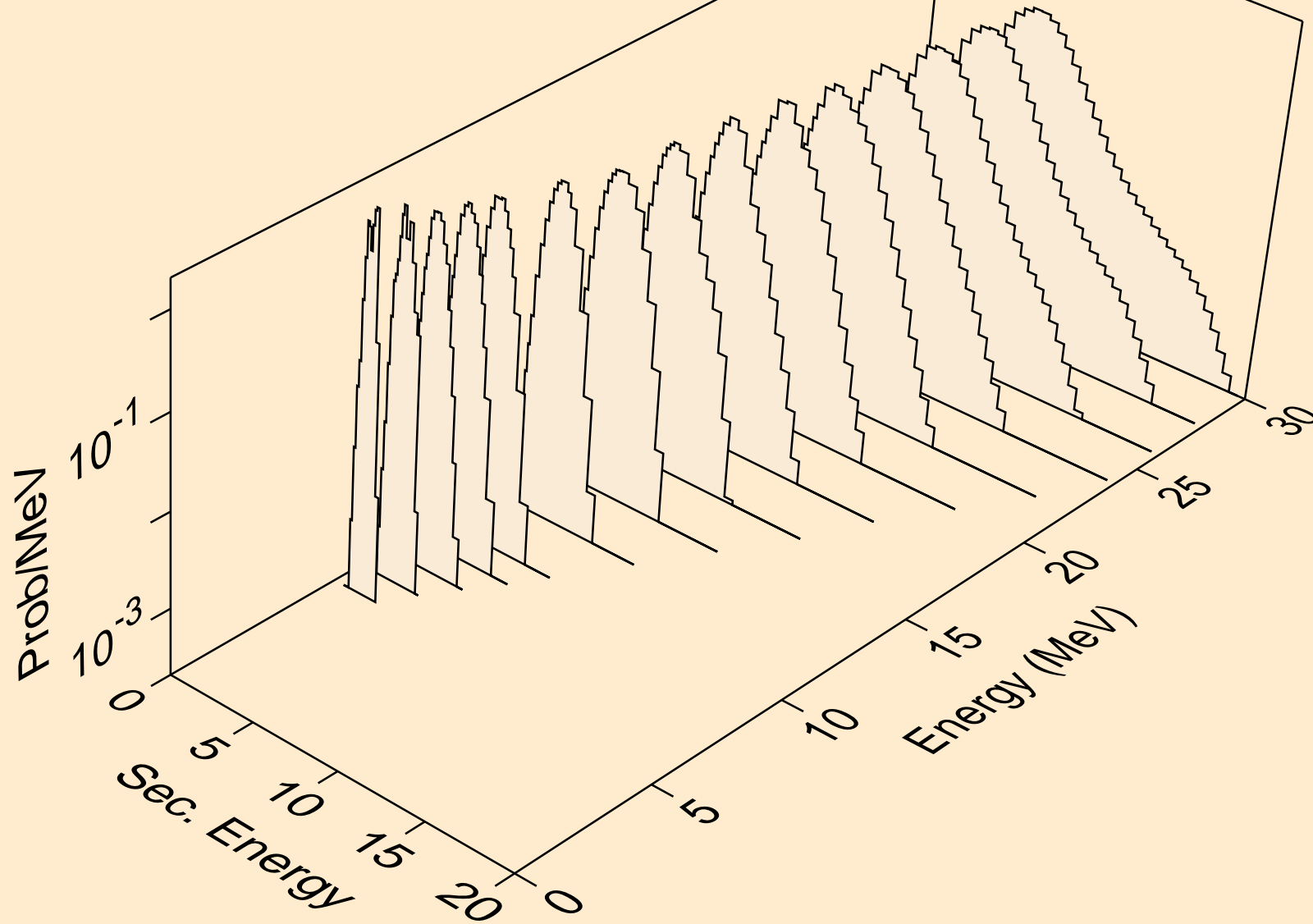
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



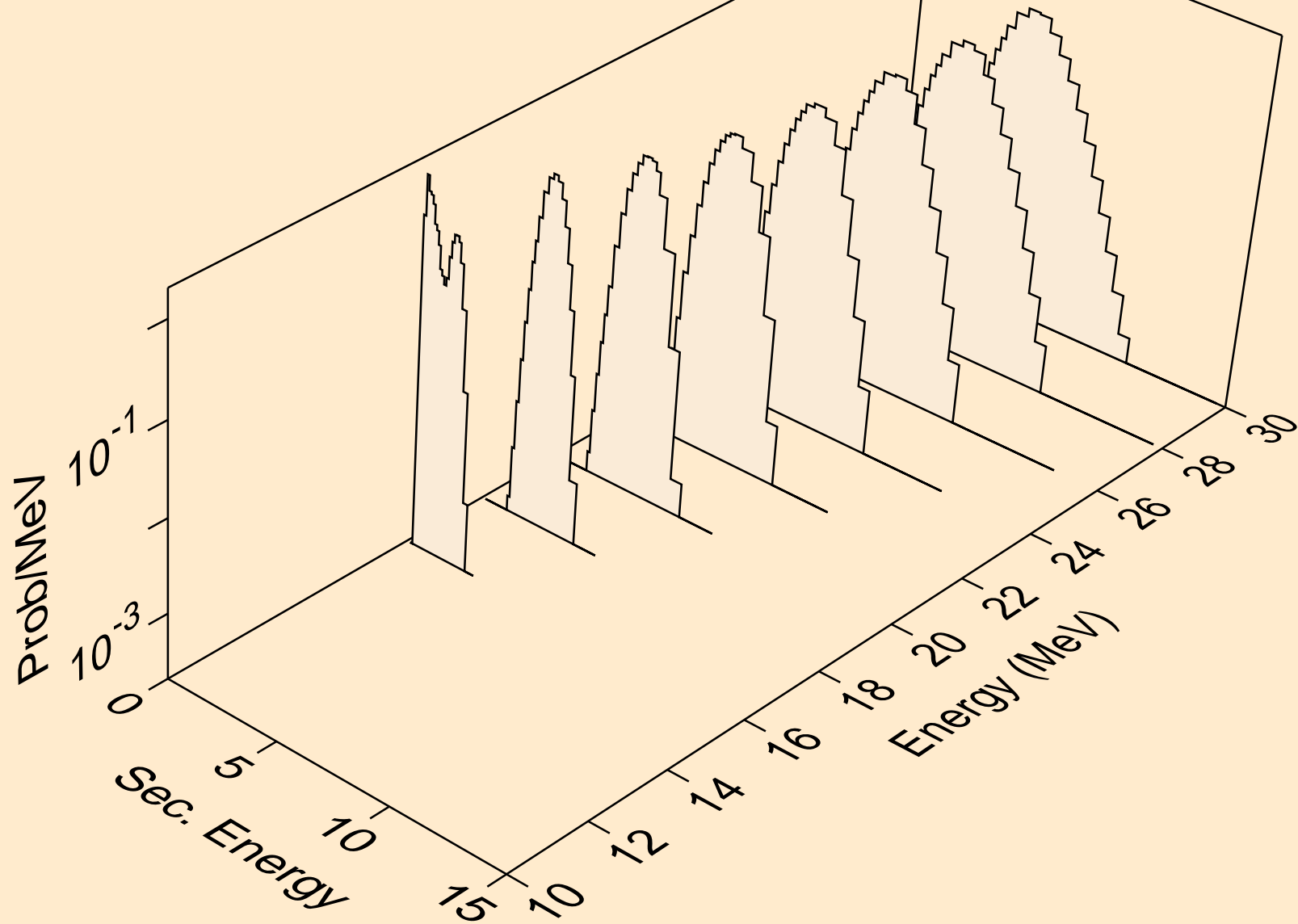
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



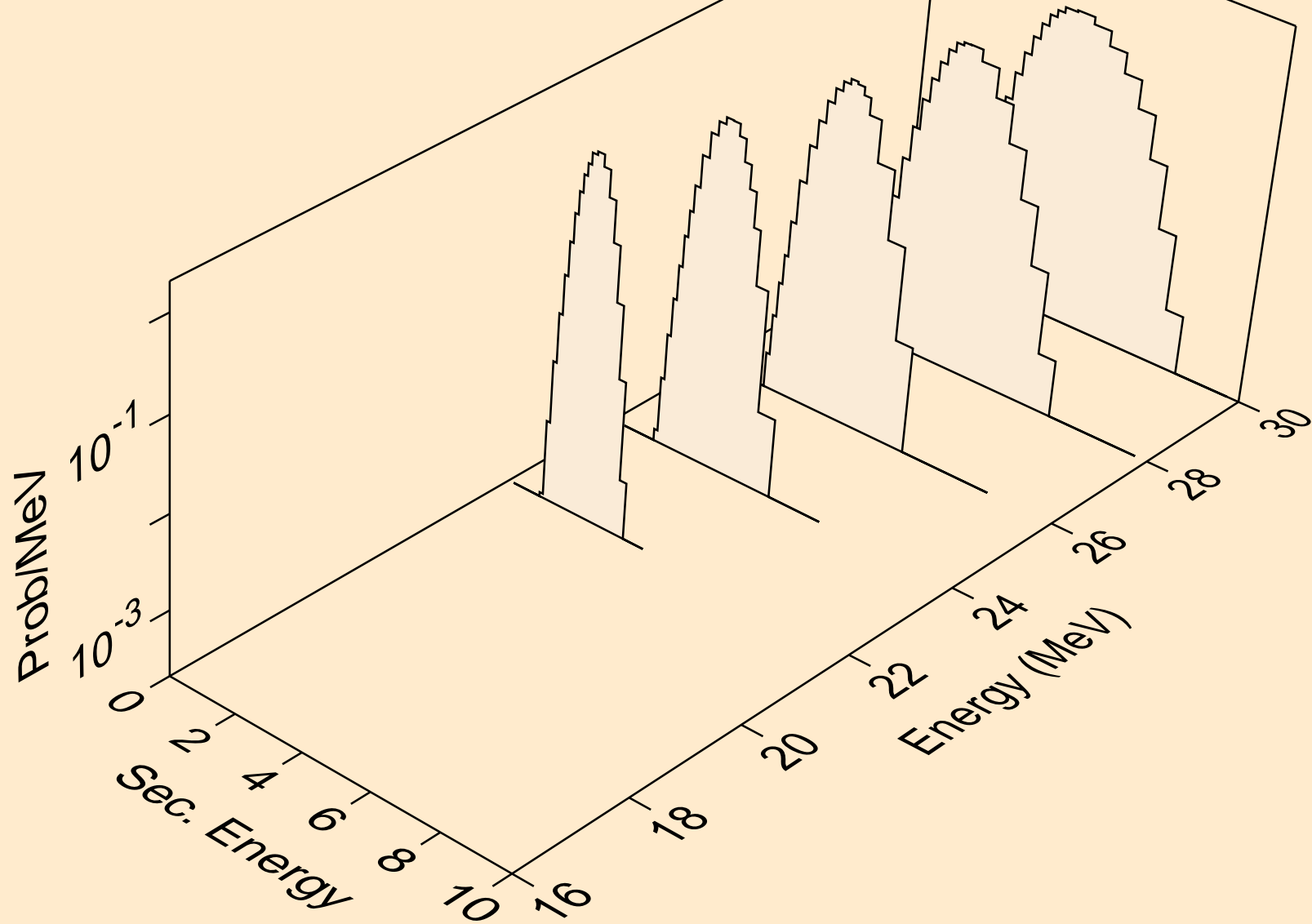
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



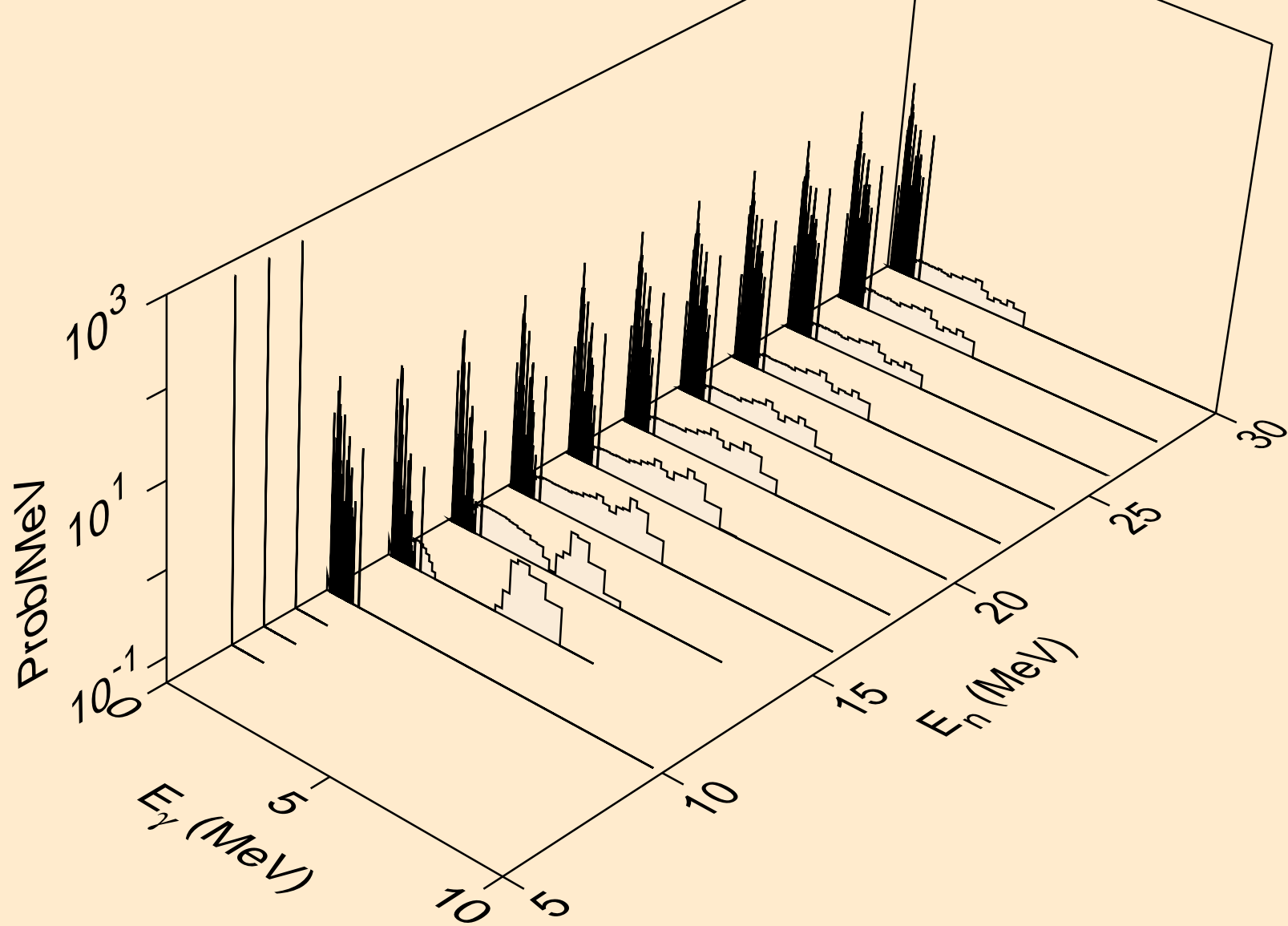
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



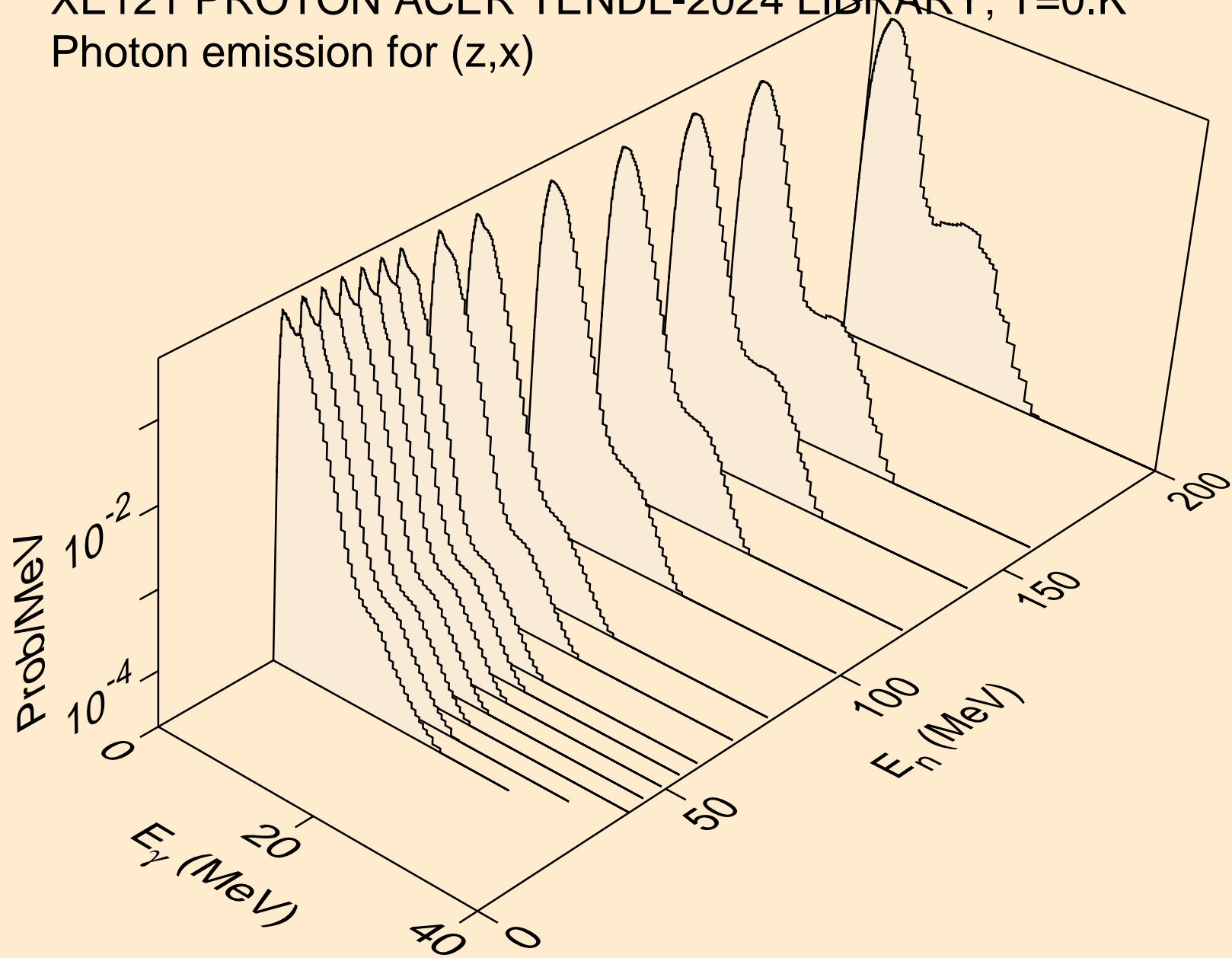
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pt)



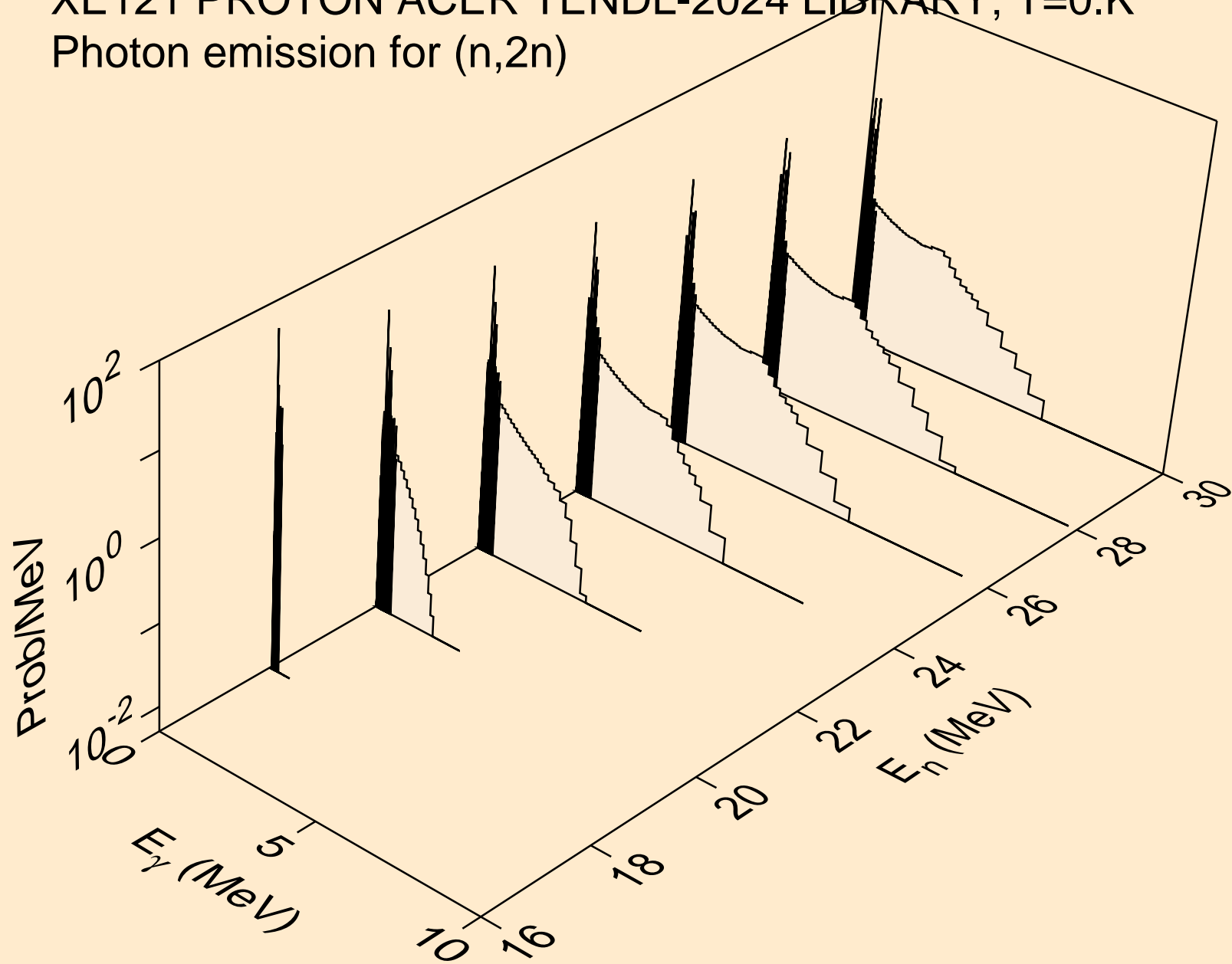
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



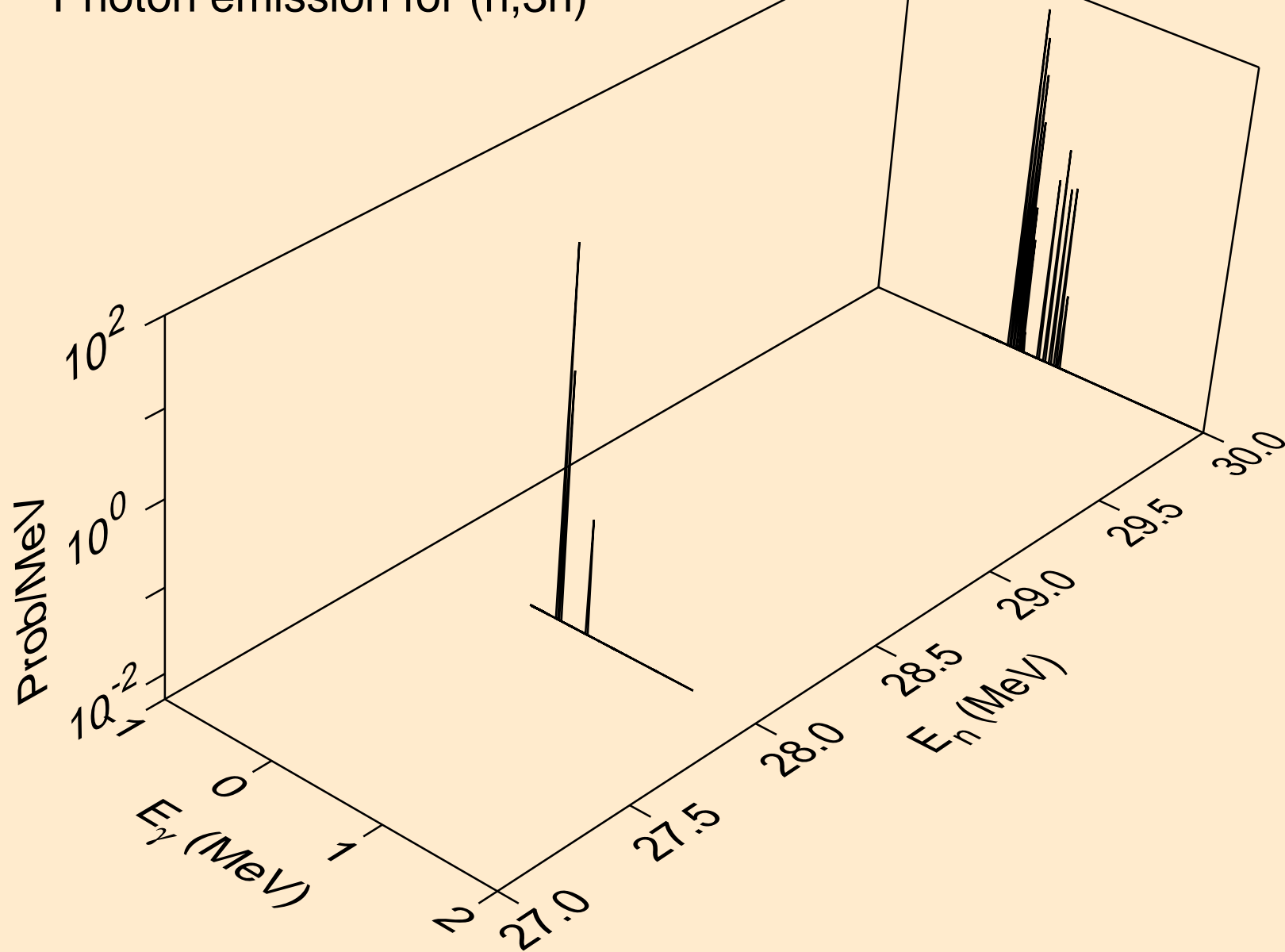
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



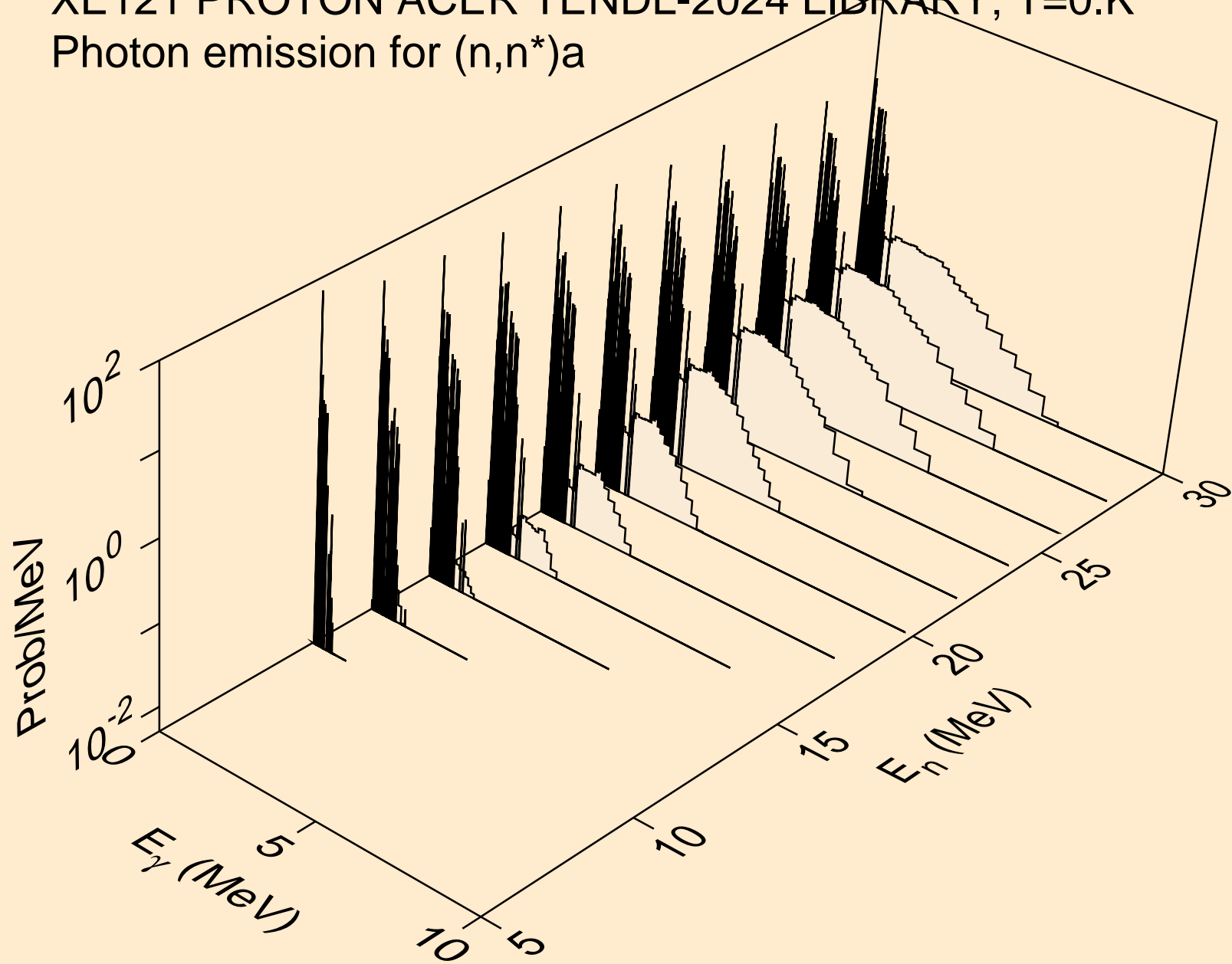
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



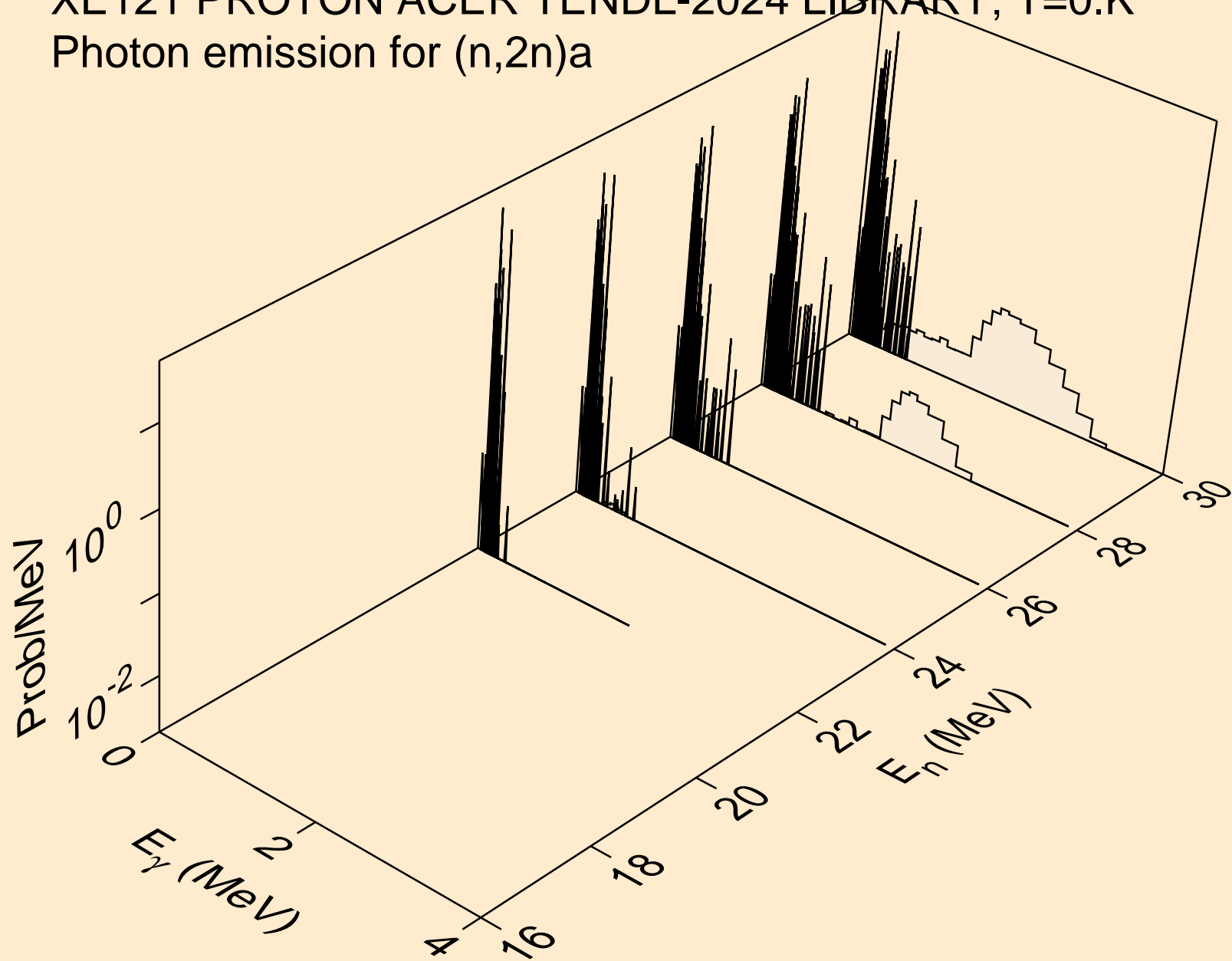
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



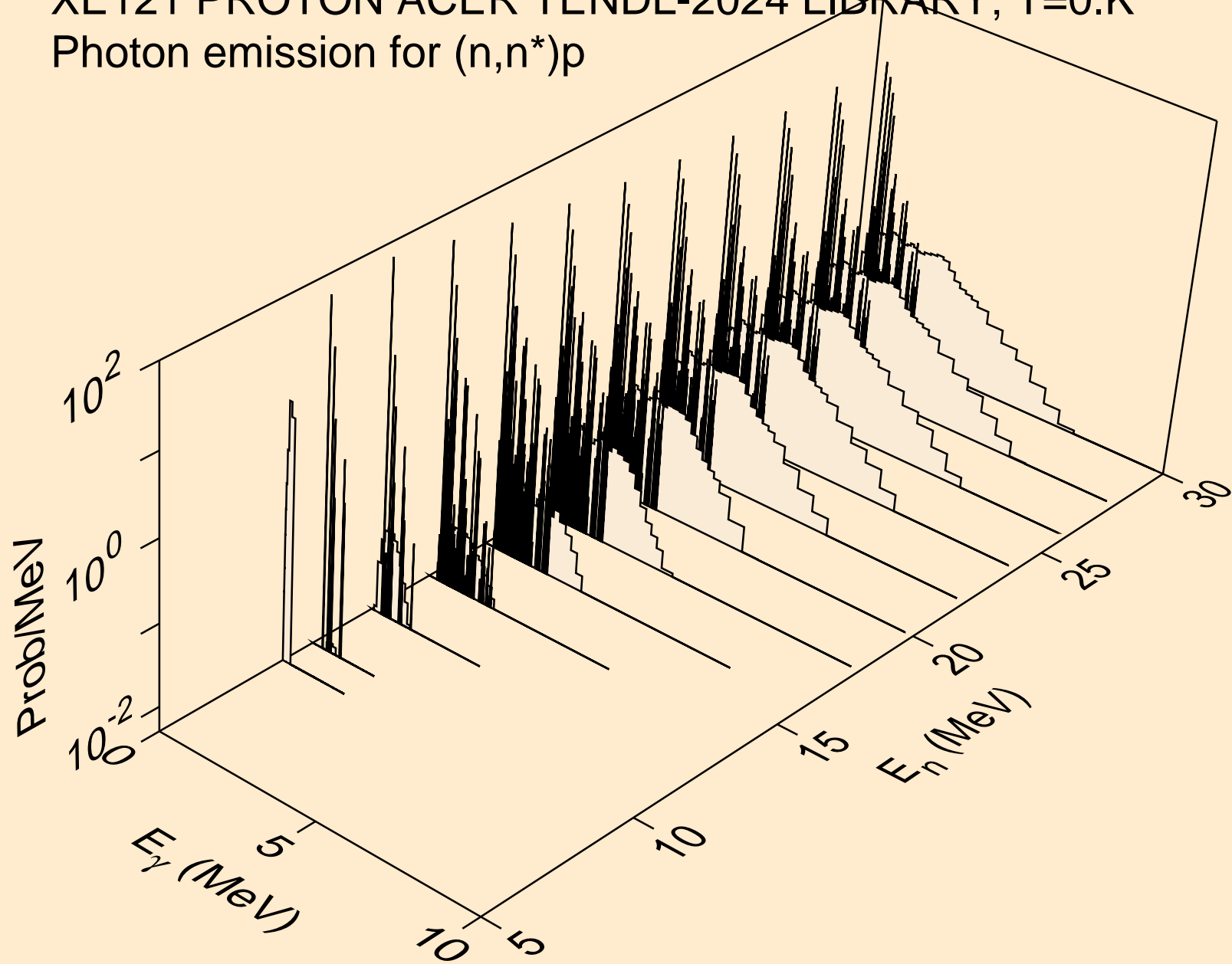
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



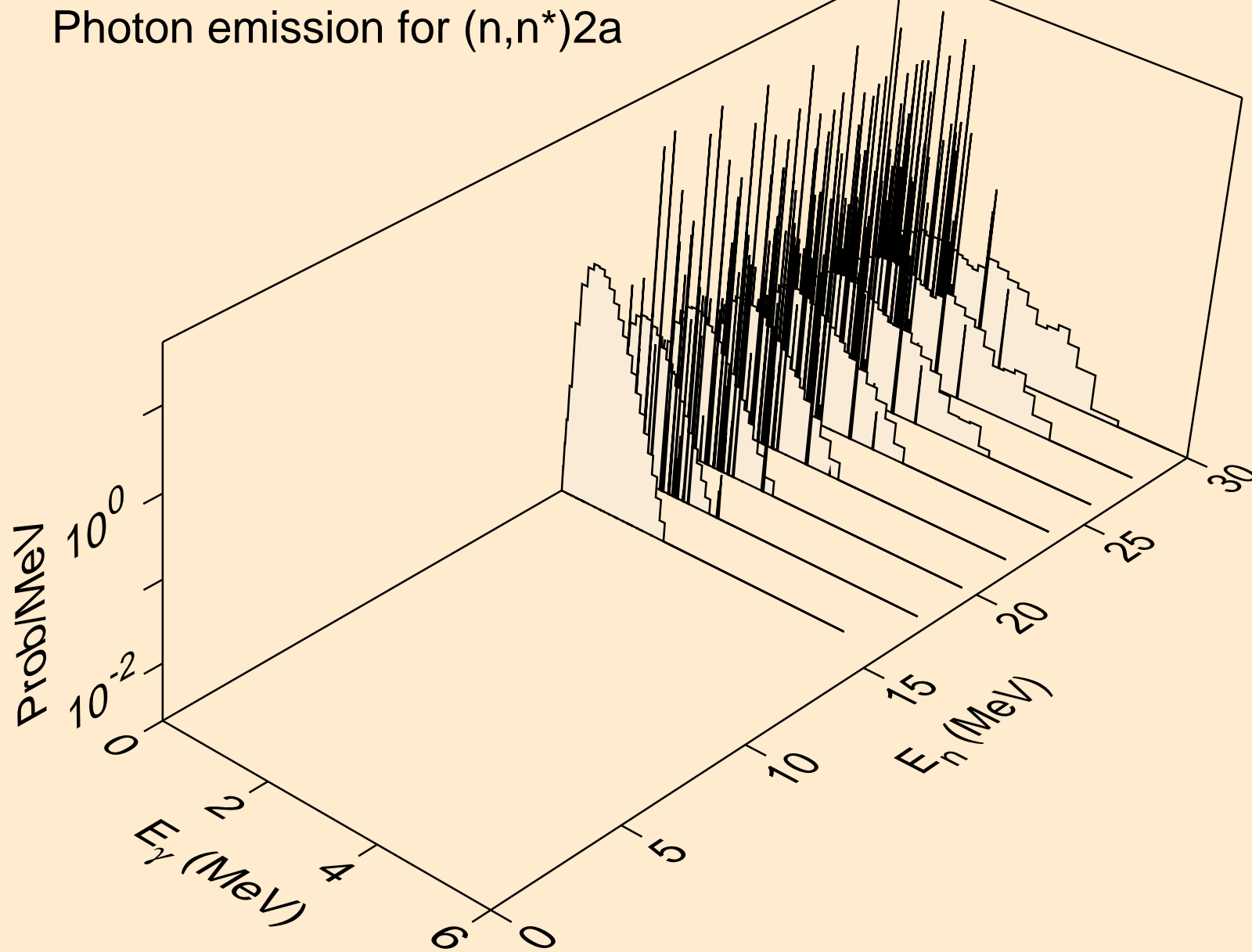
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



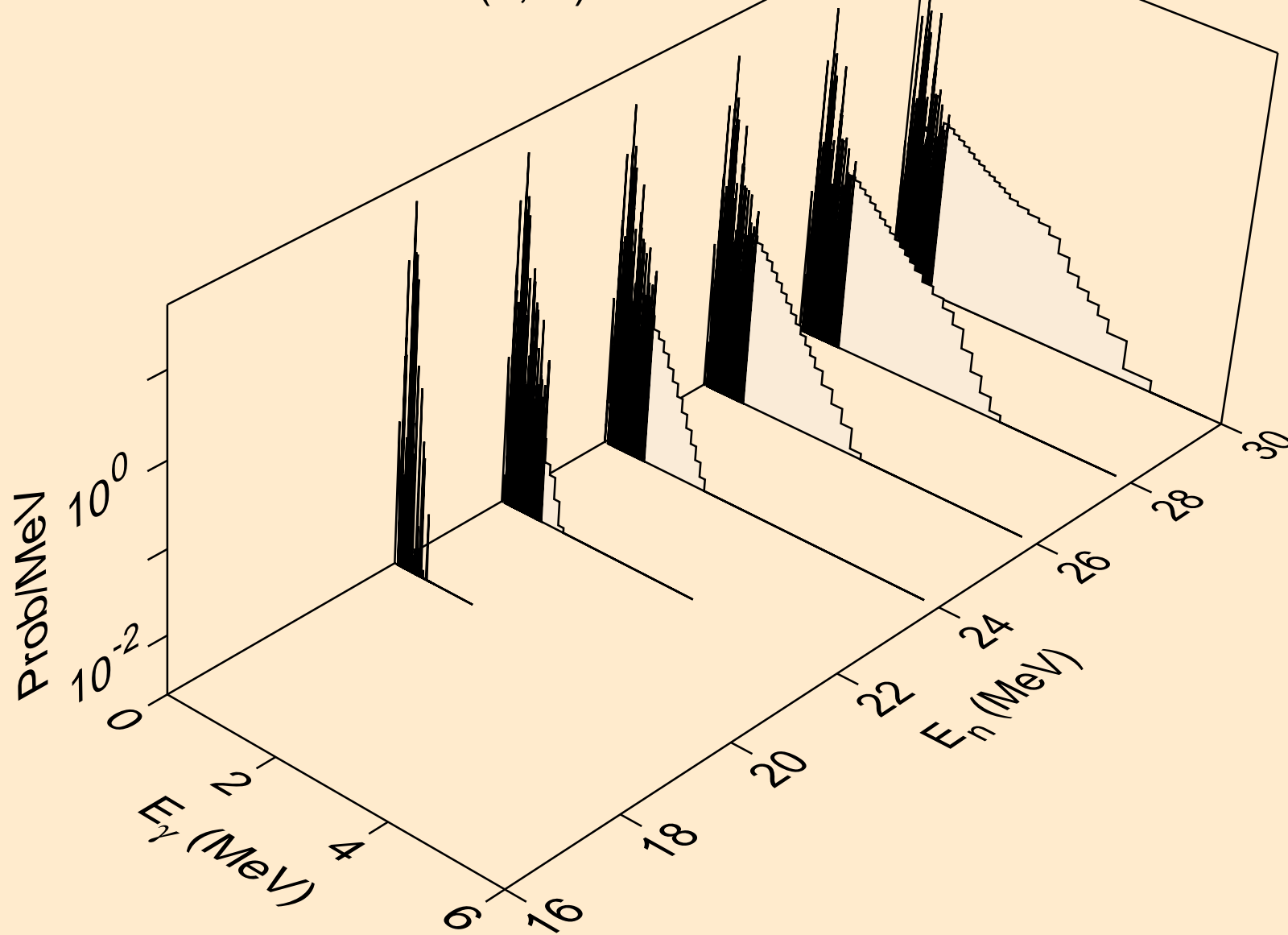
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



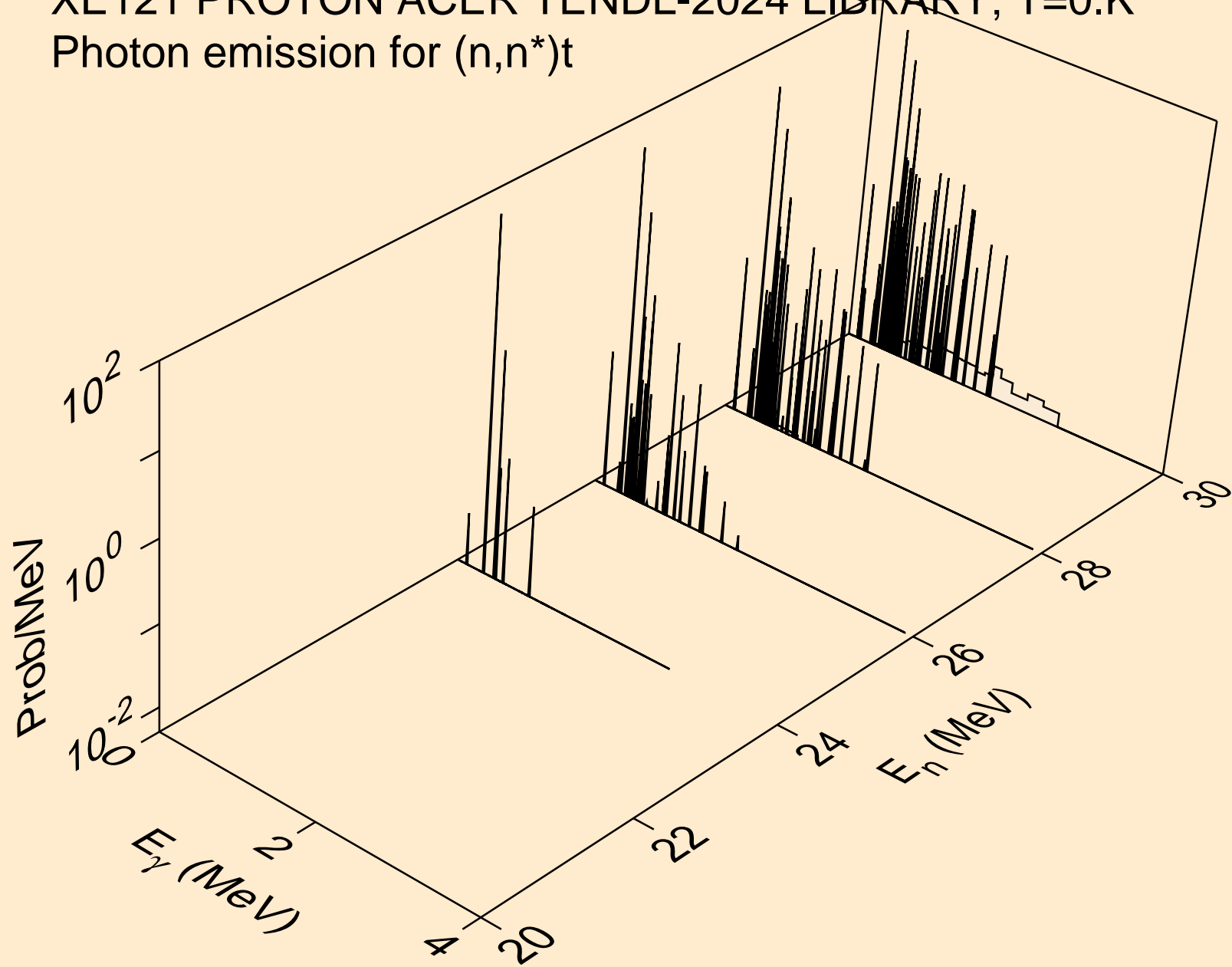
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



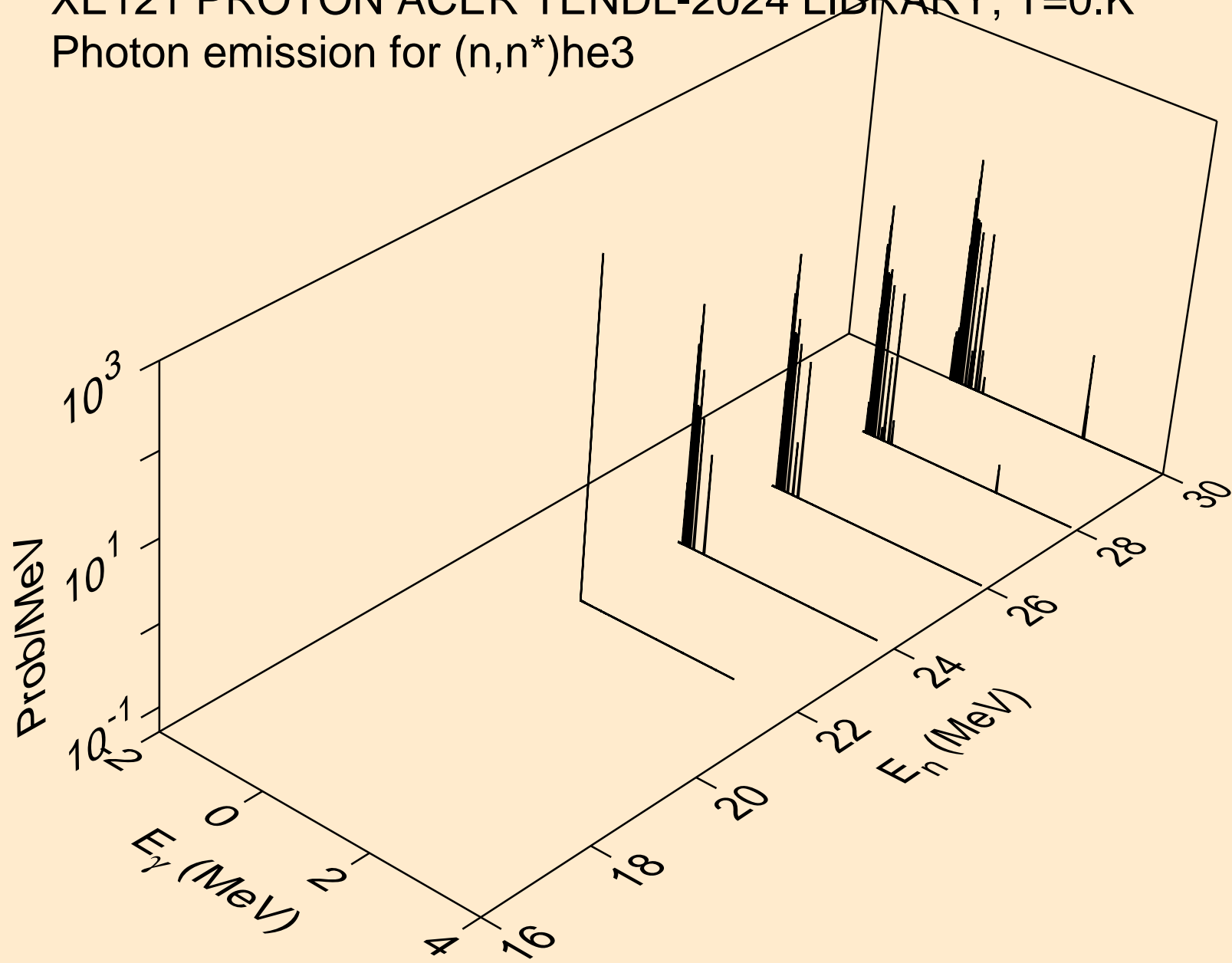
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



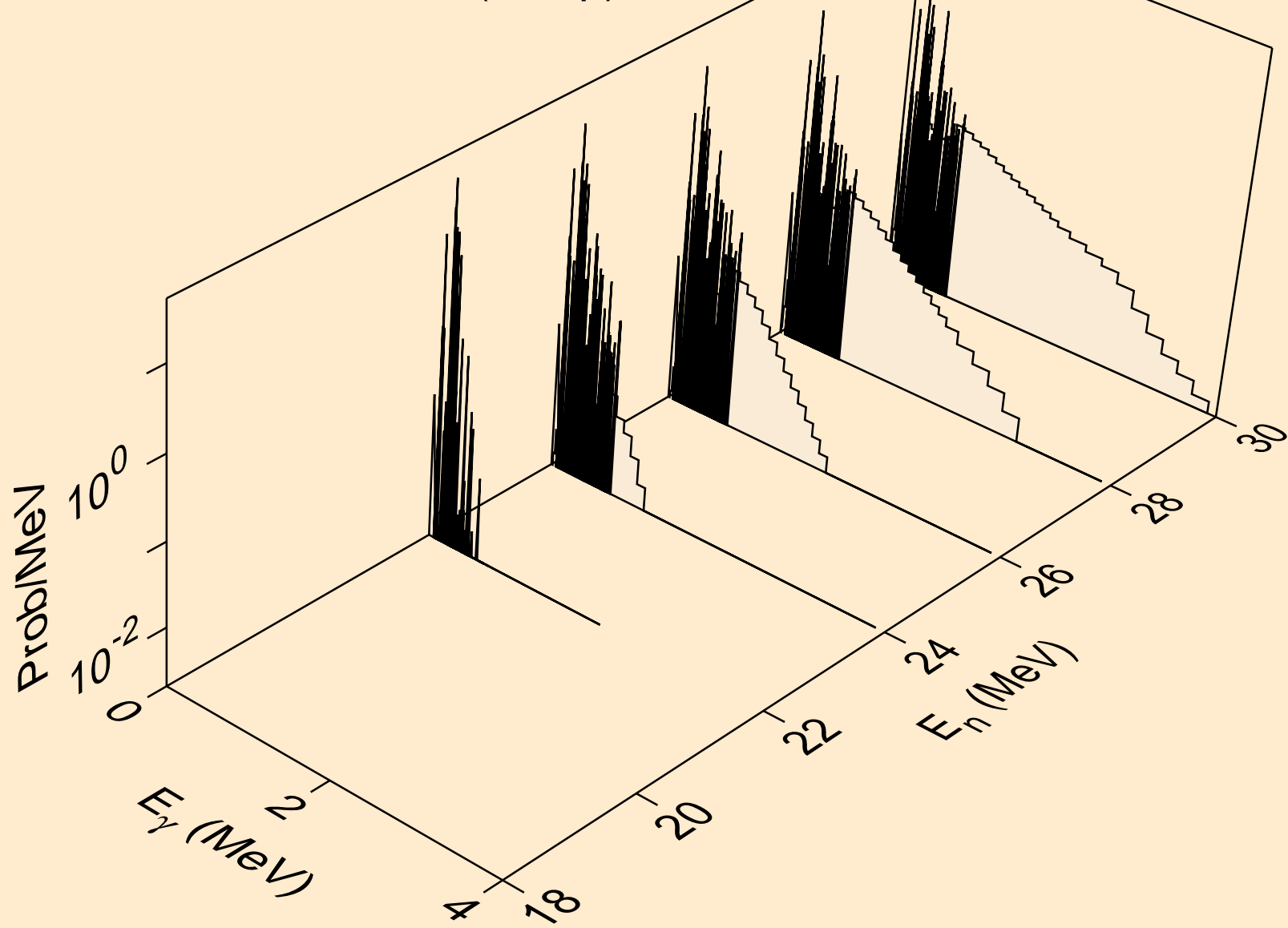
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



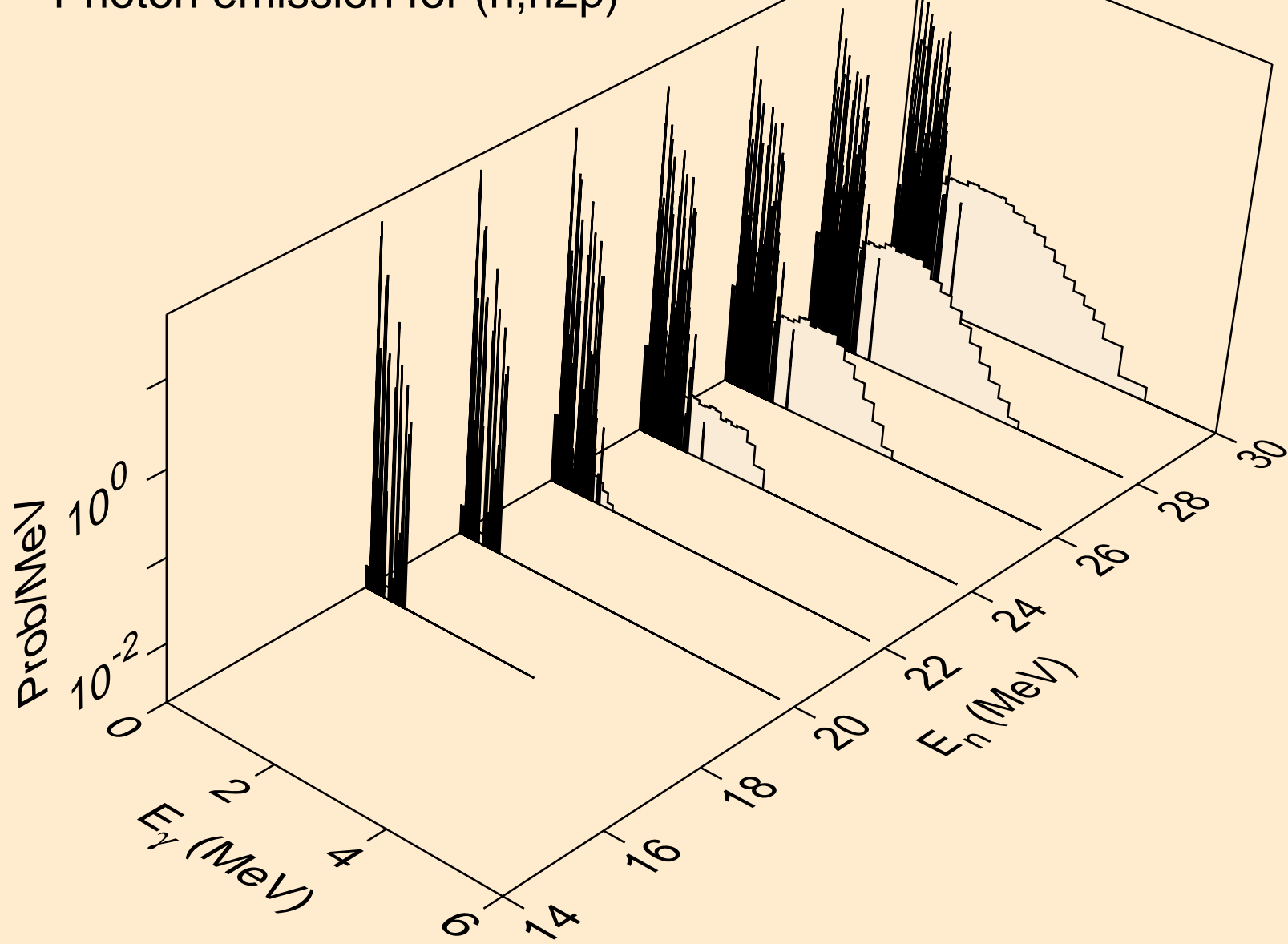
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



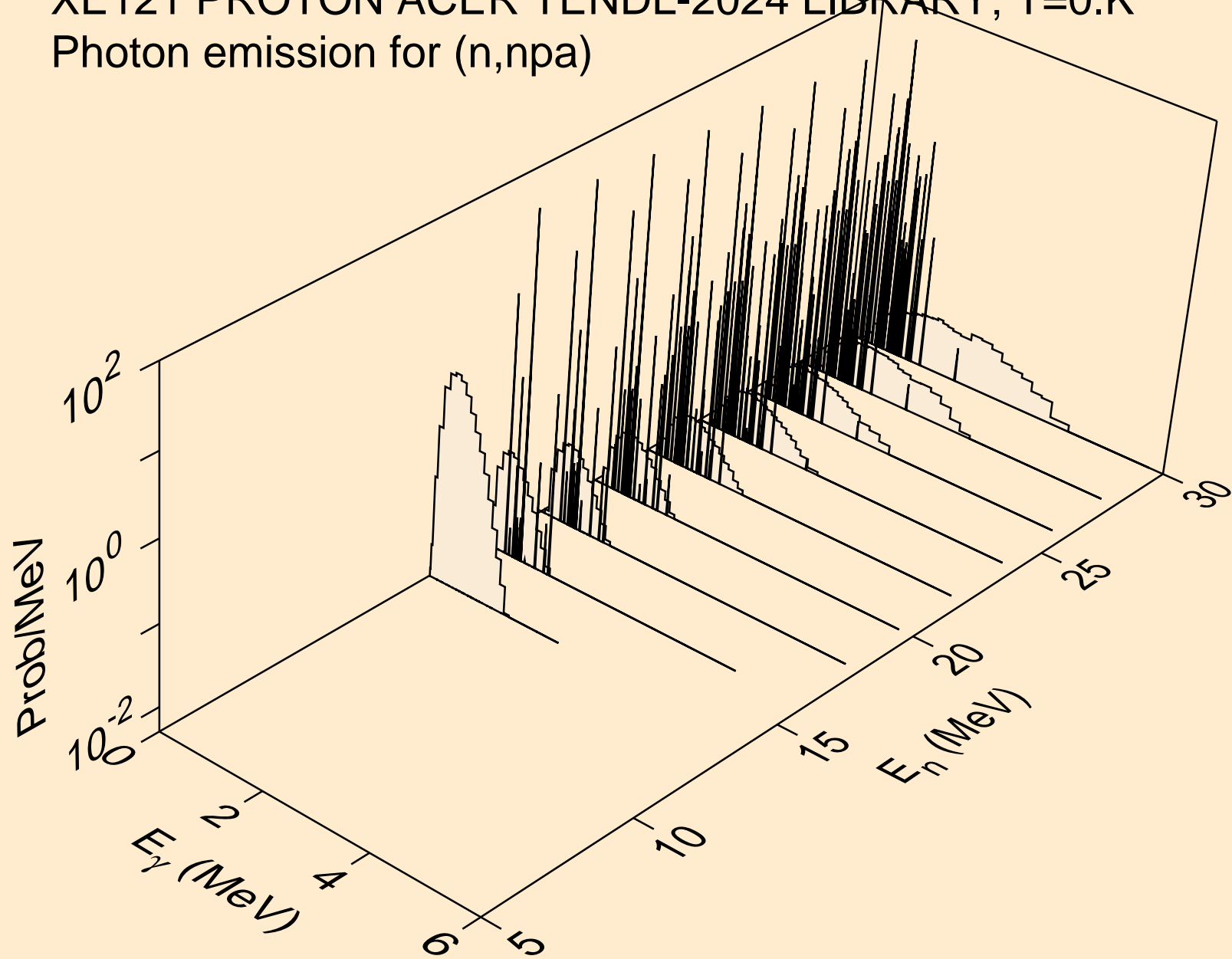
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



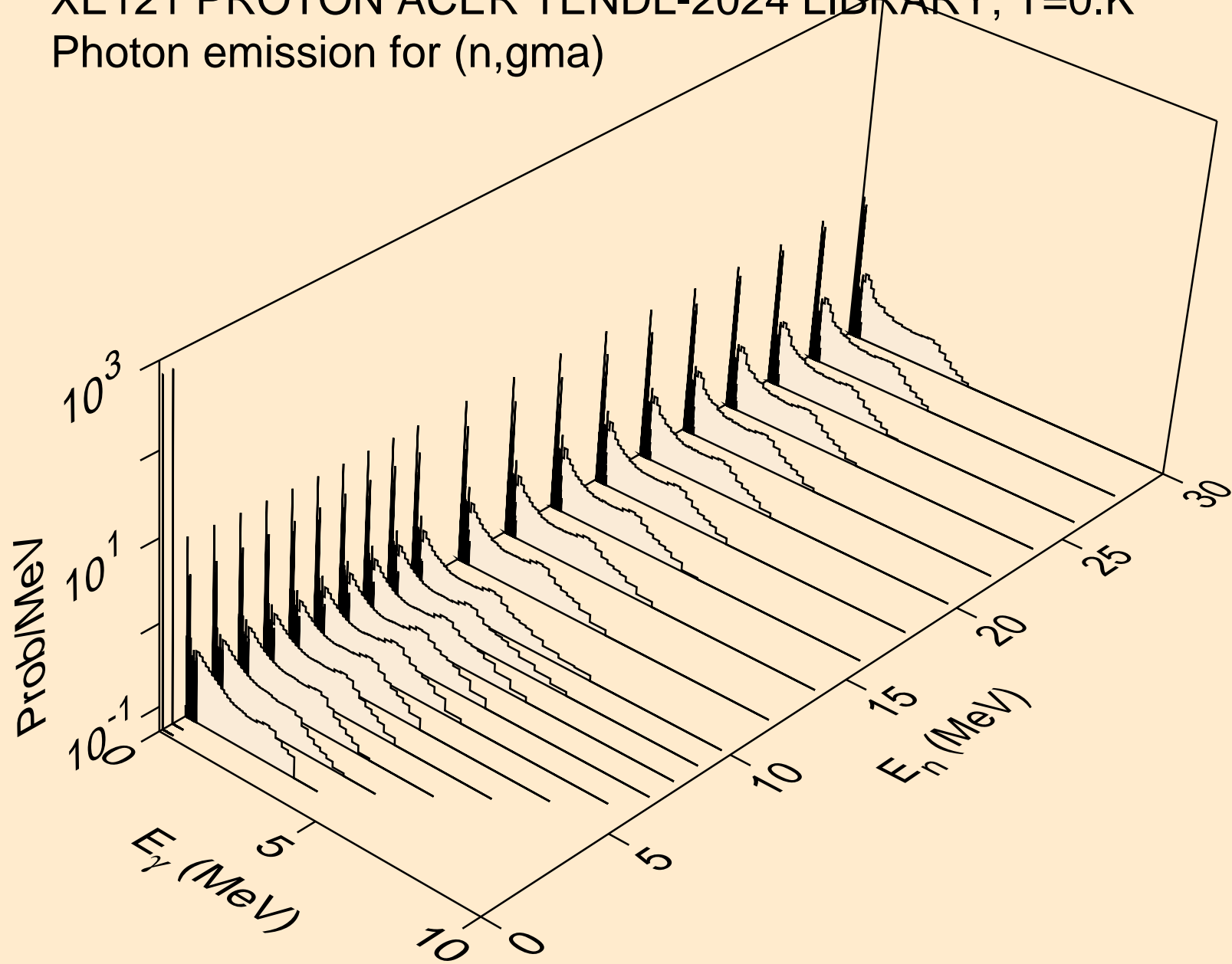
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



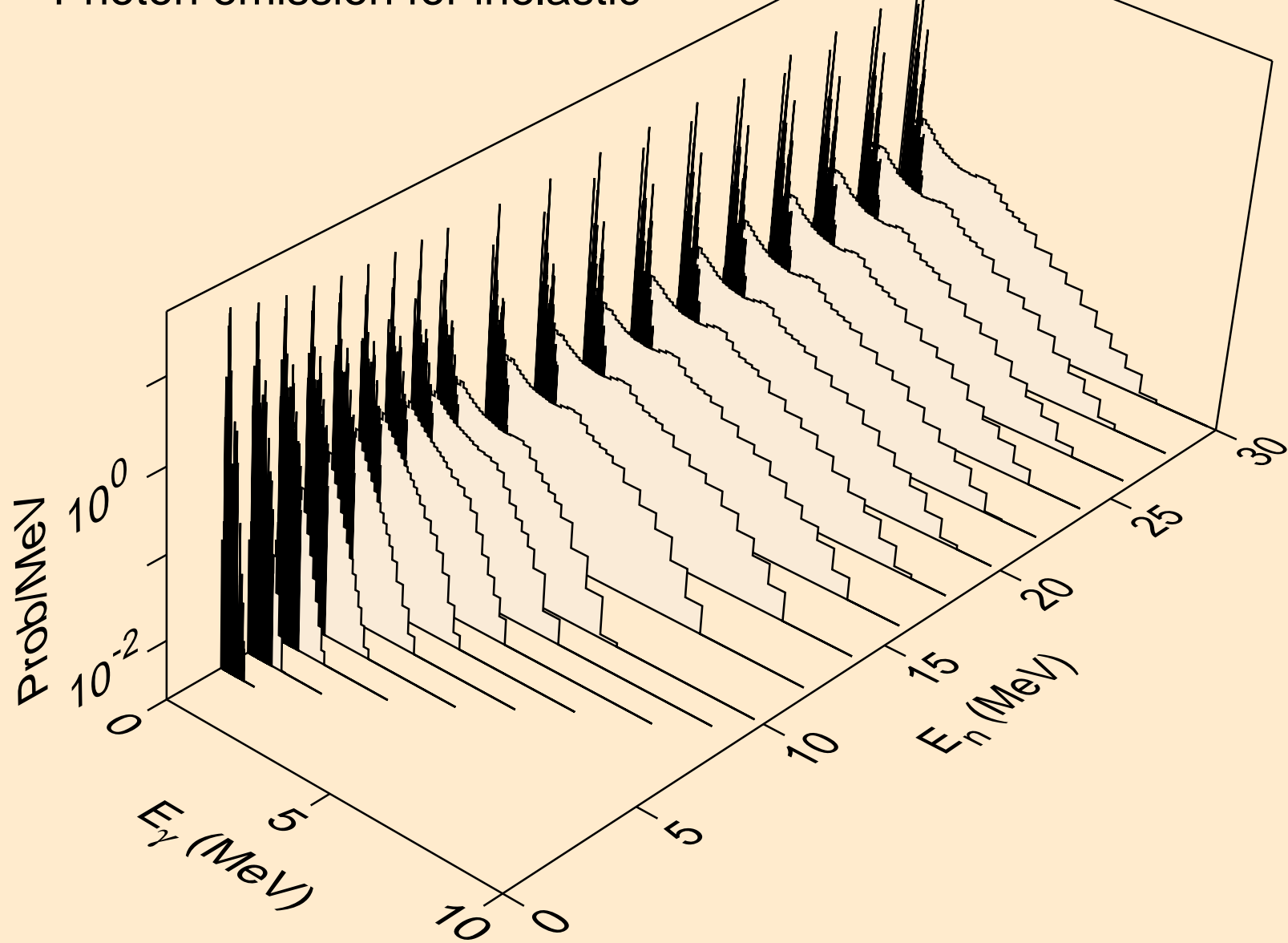
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



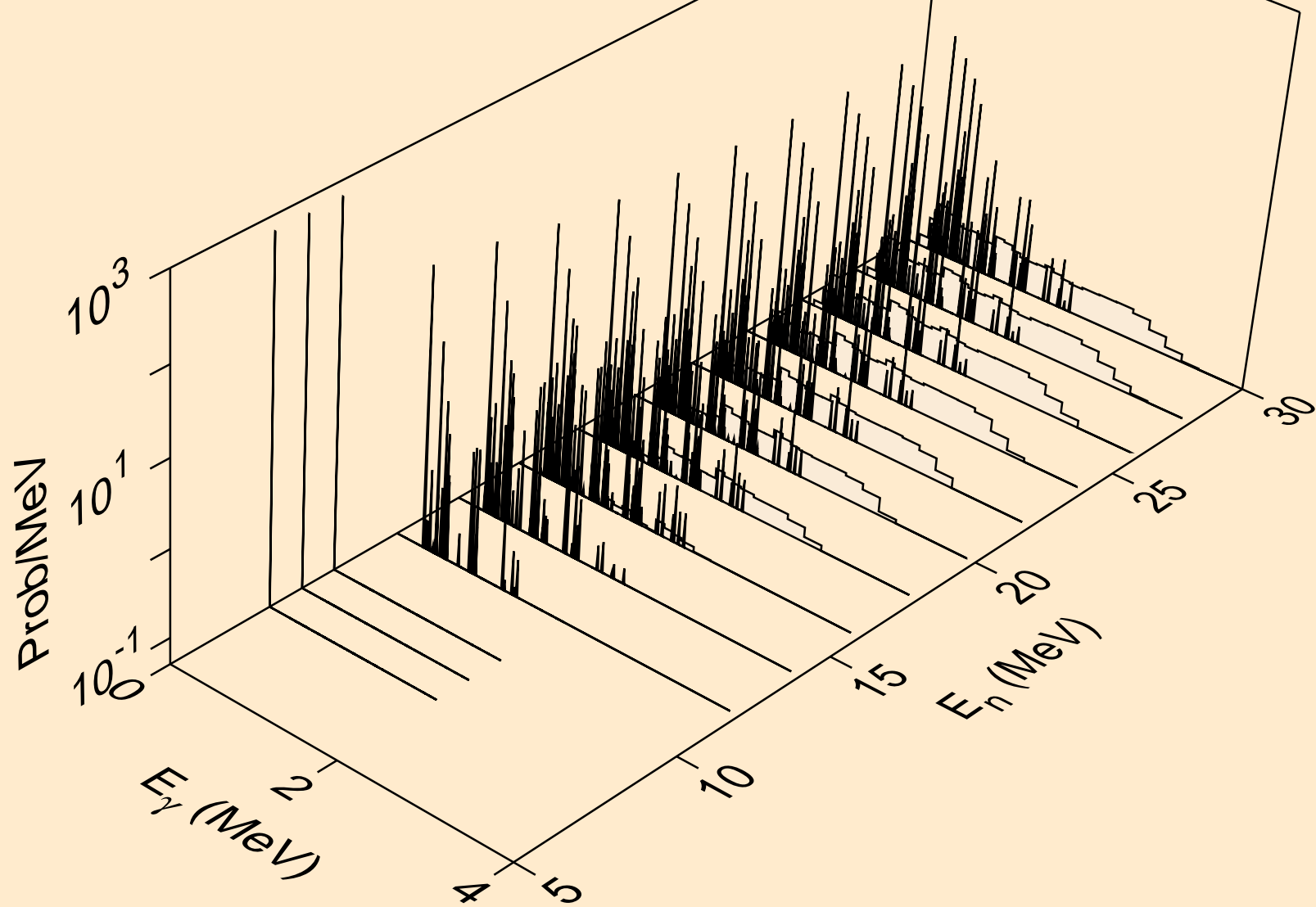
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



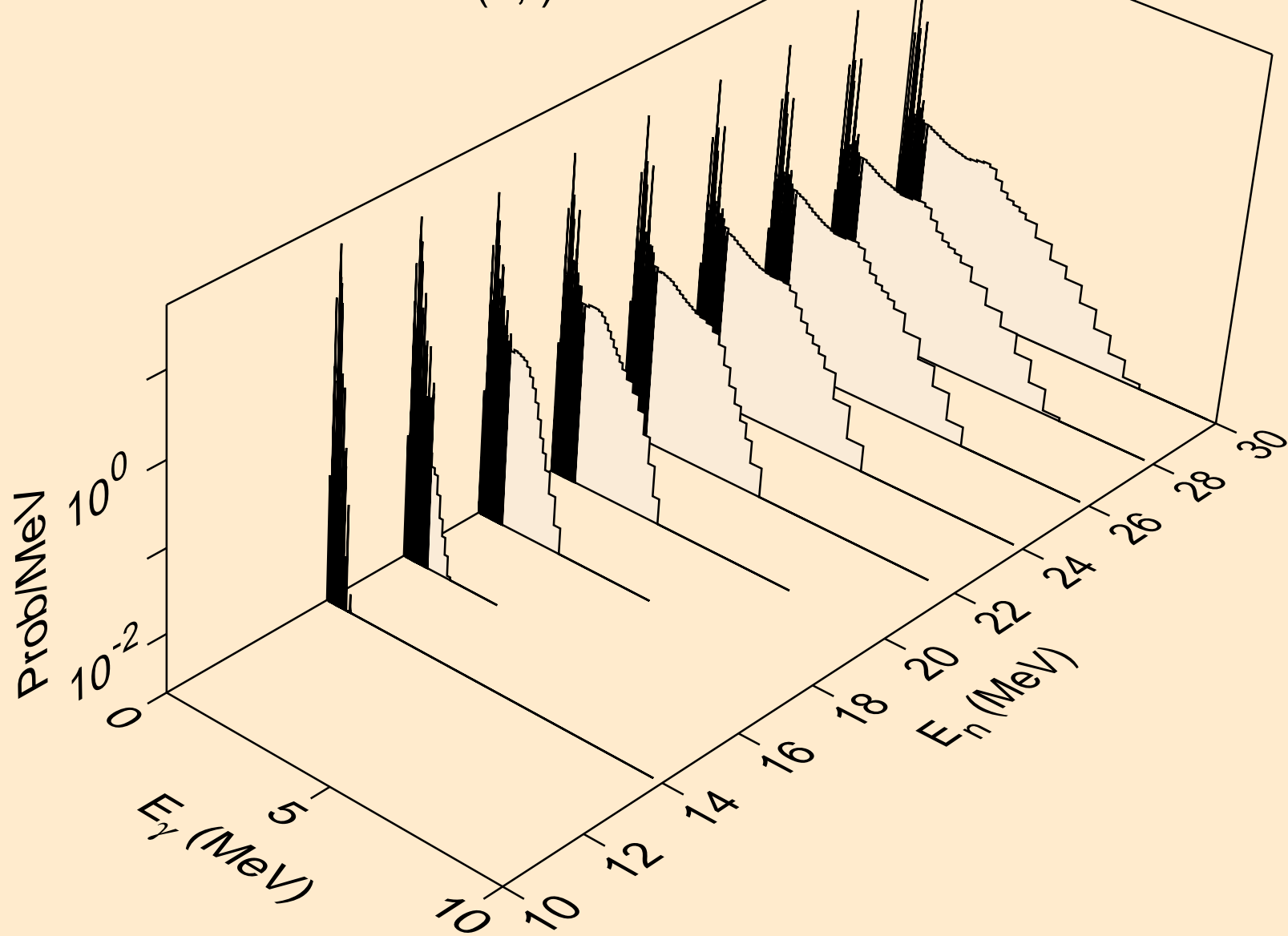
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



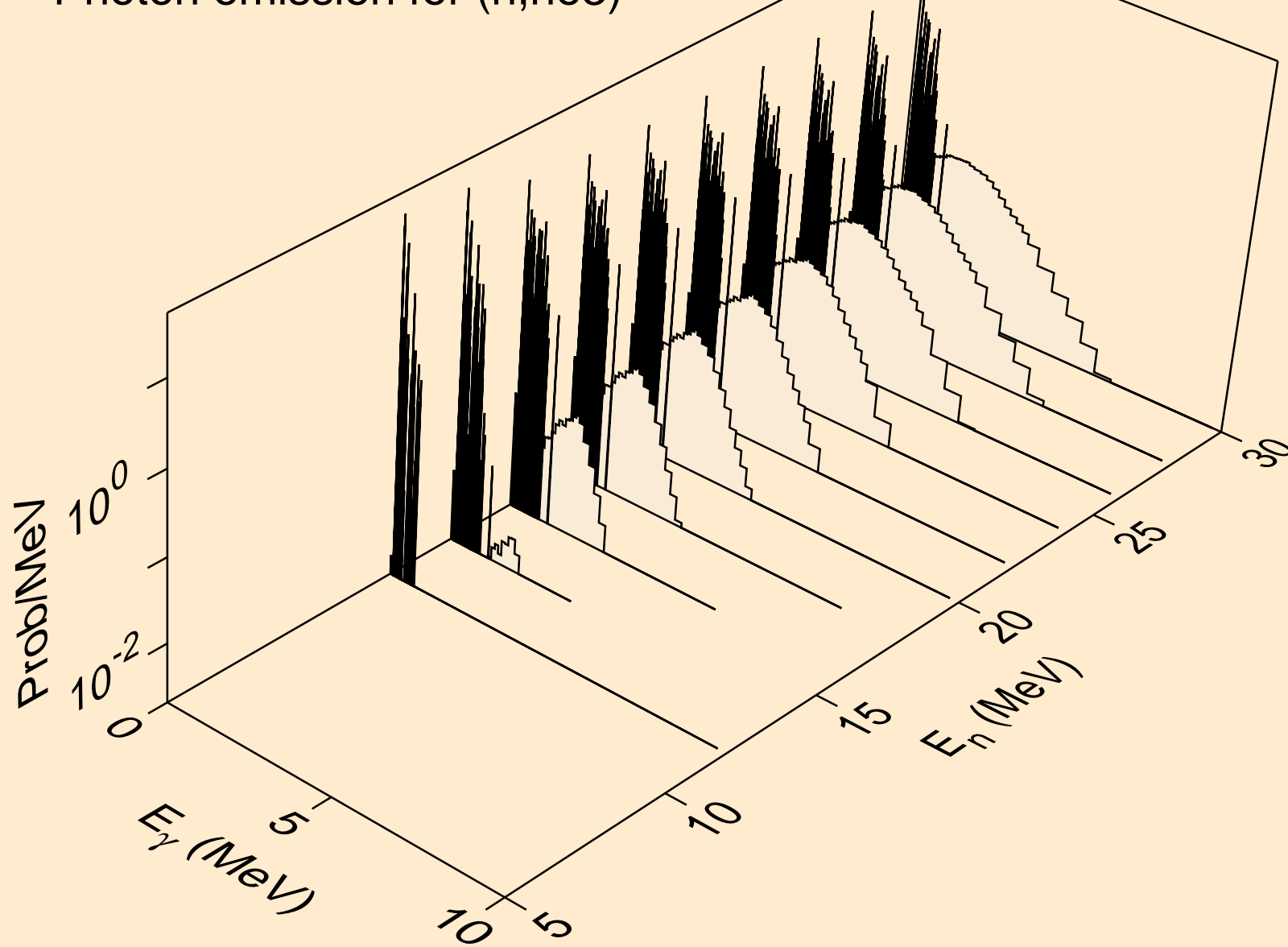
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



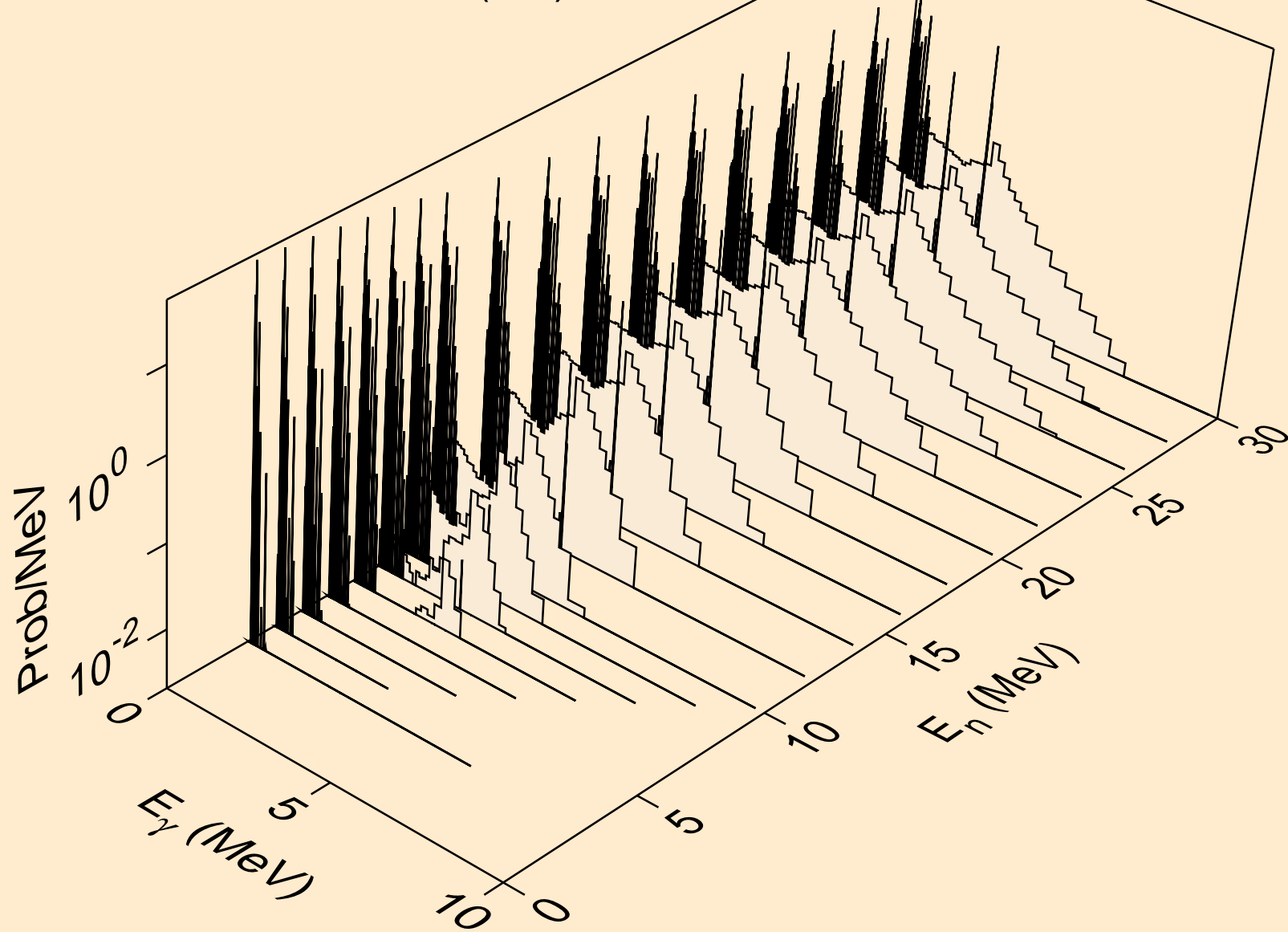
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



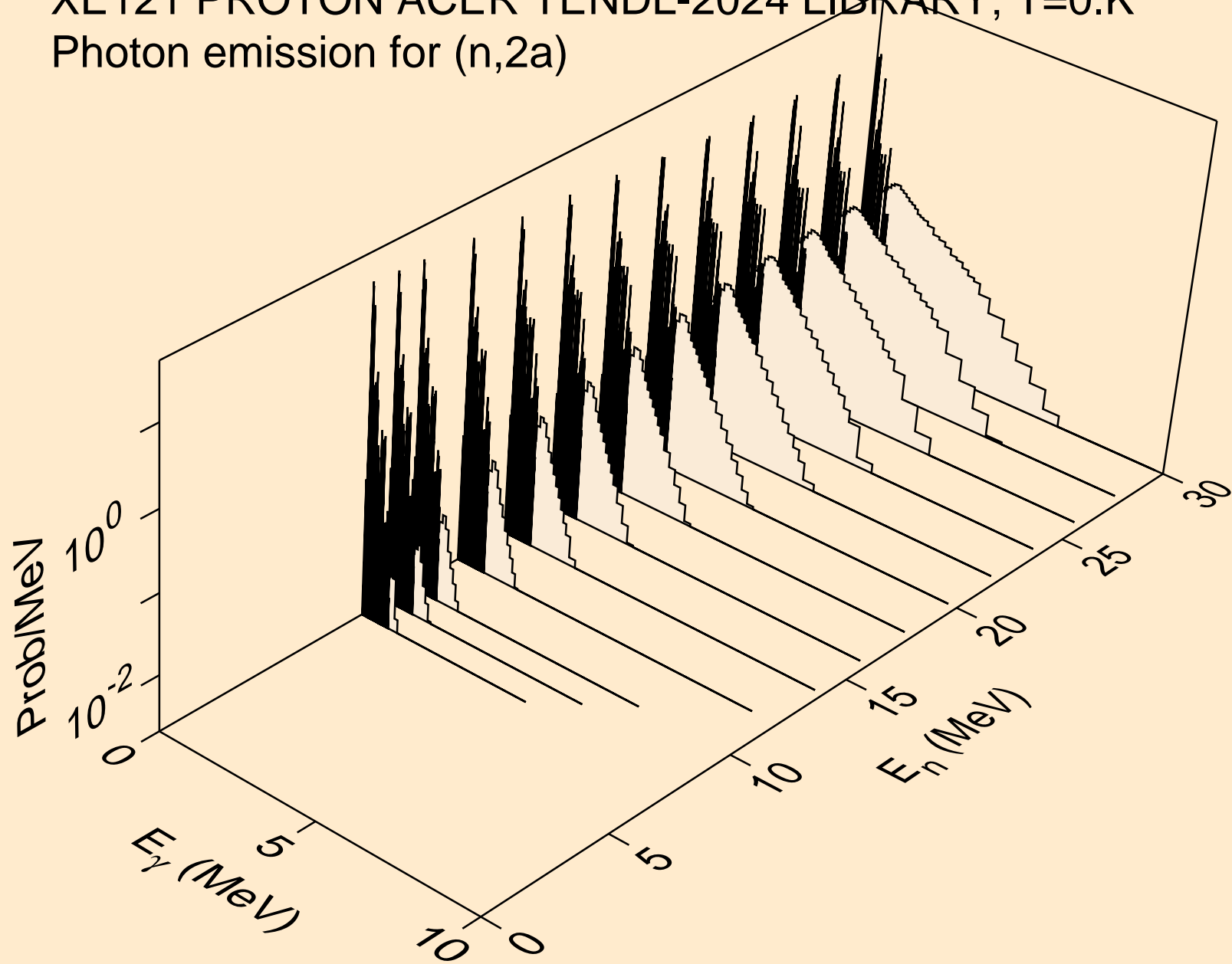
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



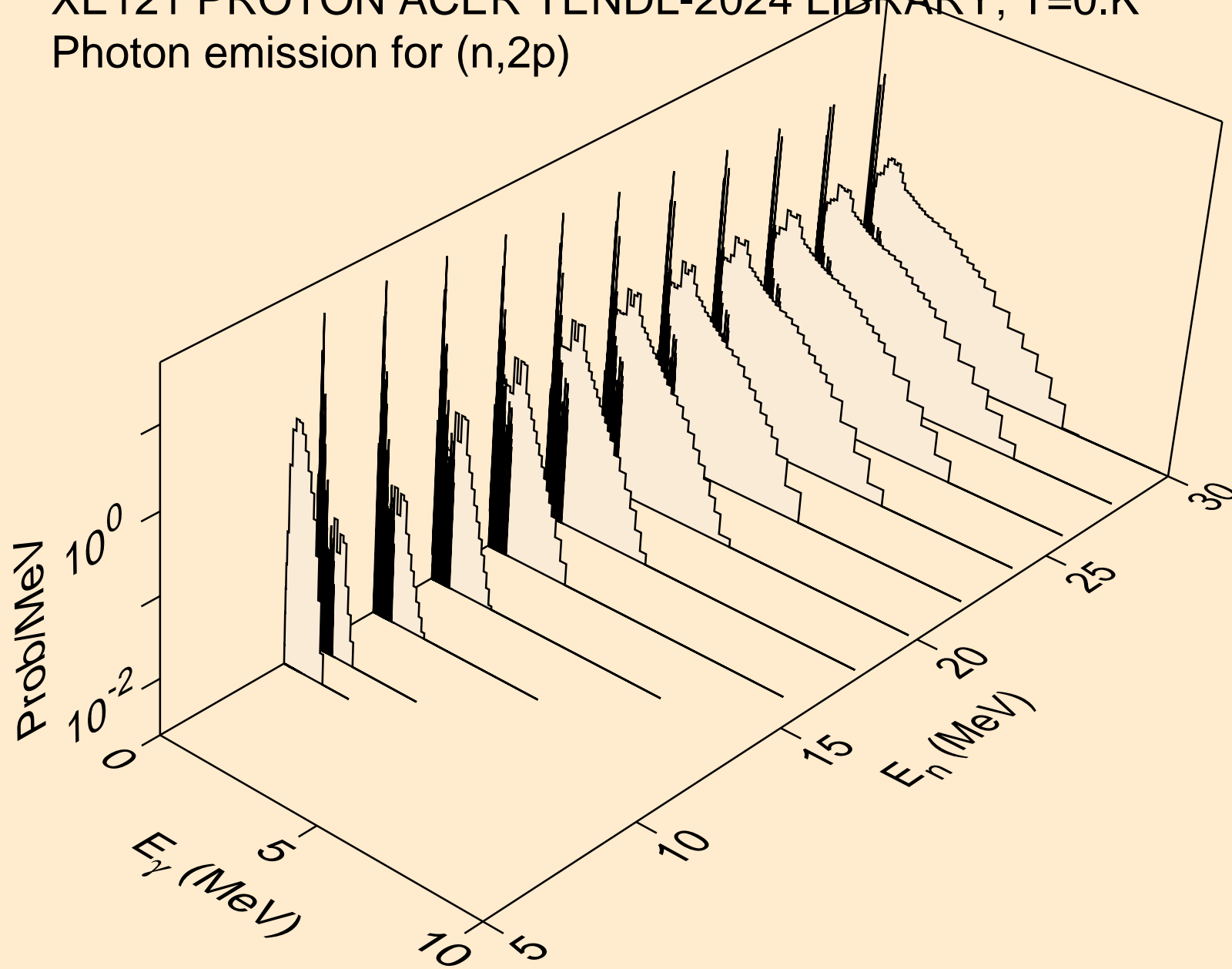
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



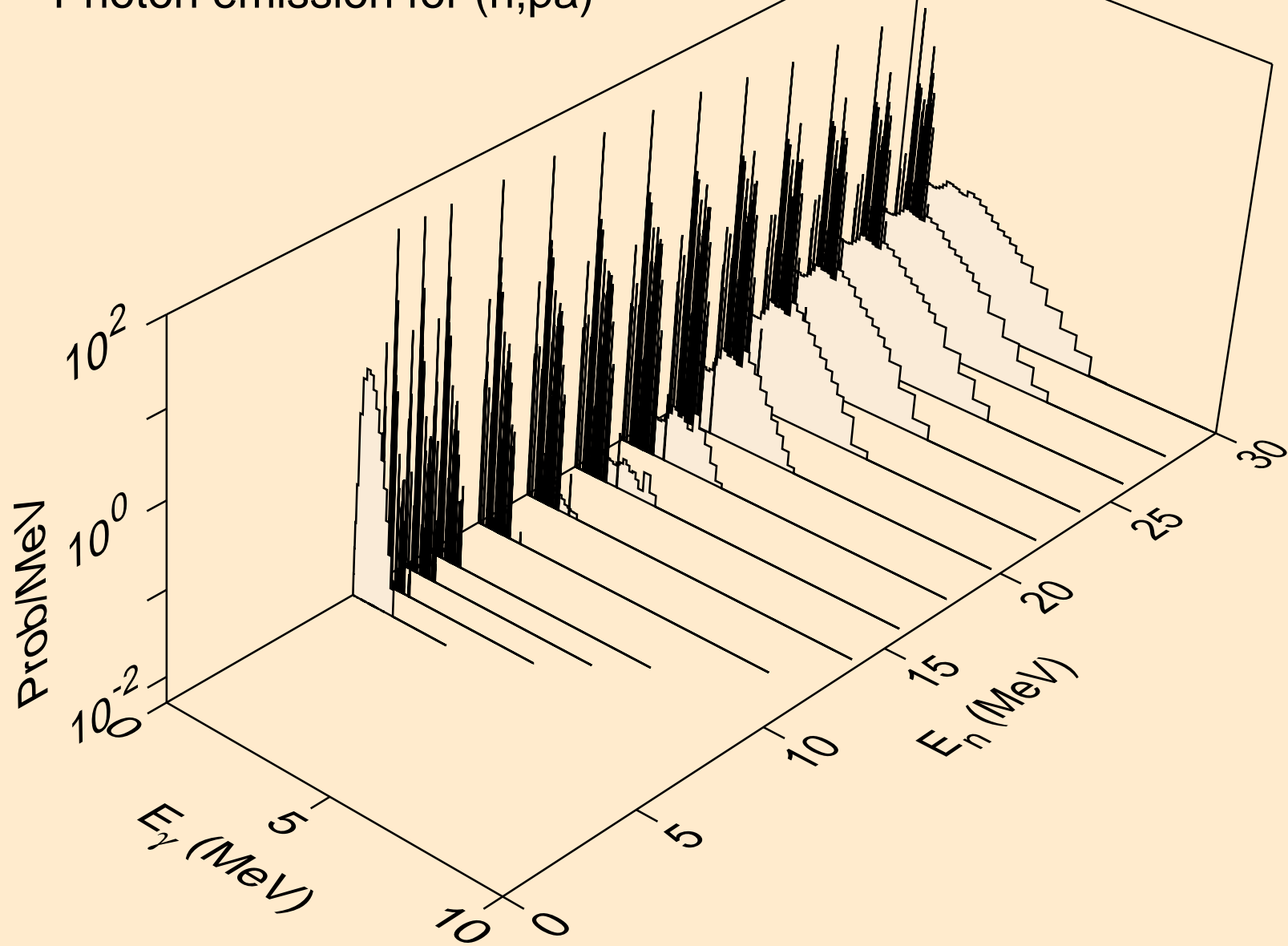
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



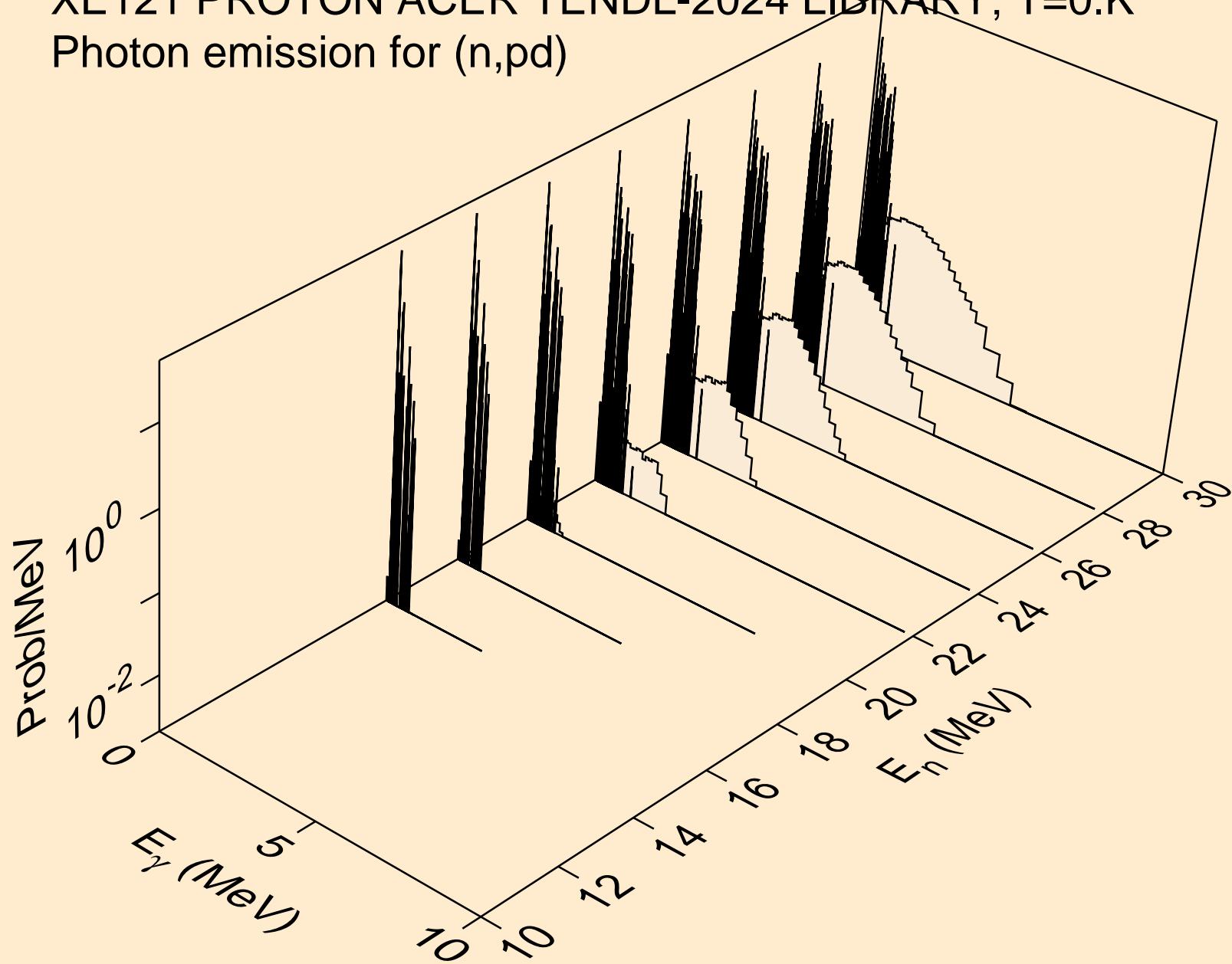
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



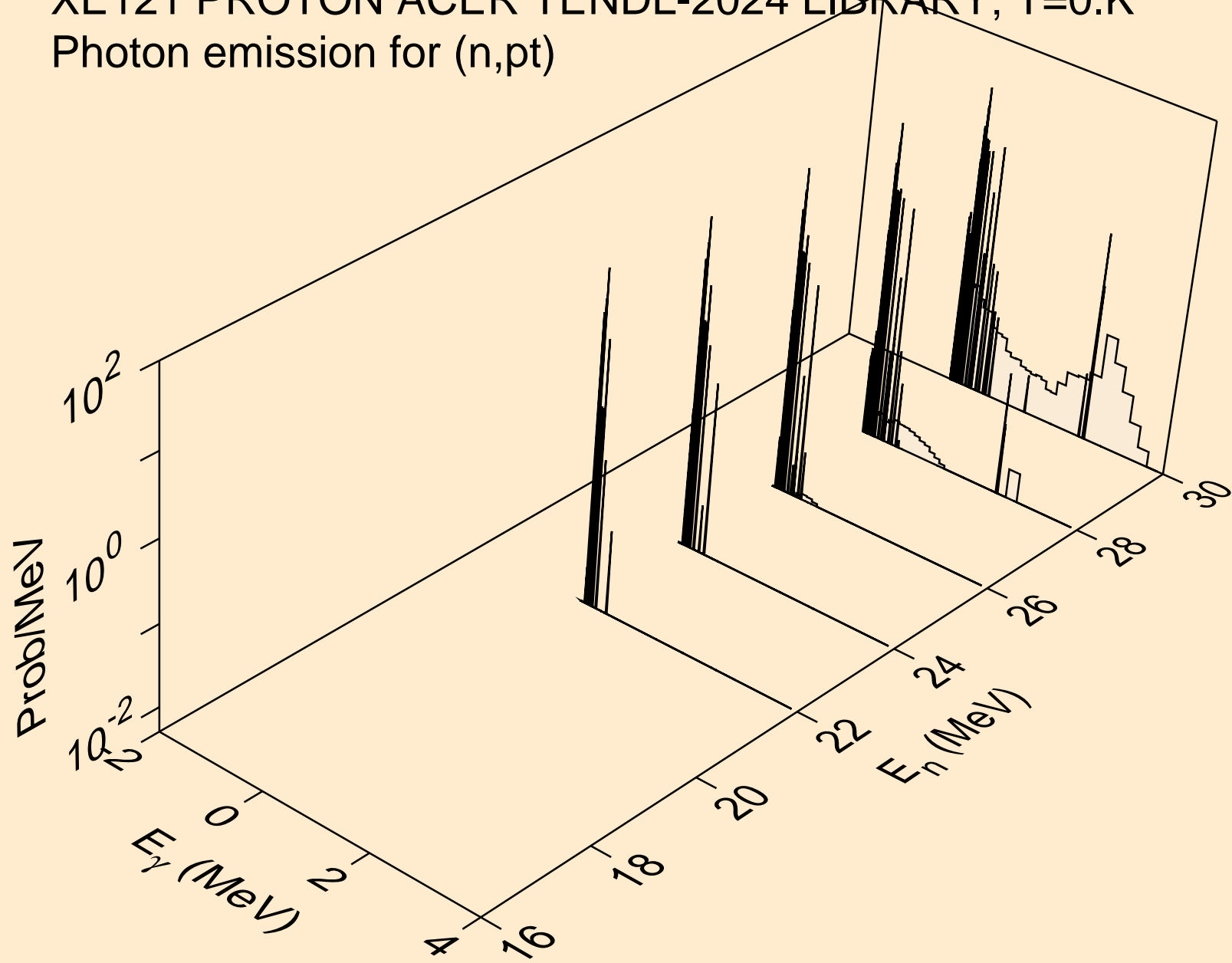
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



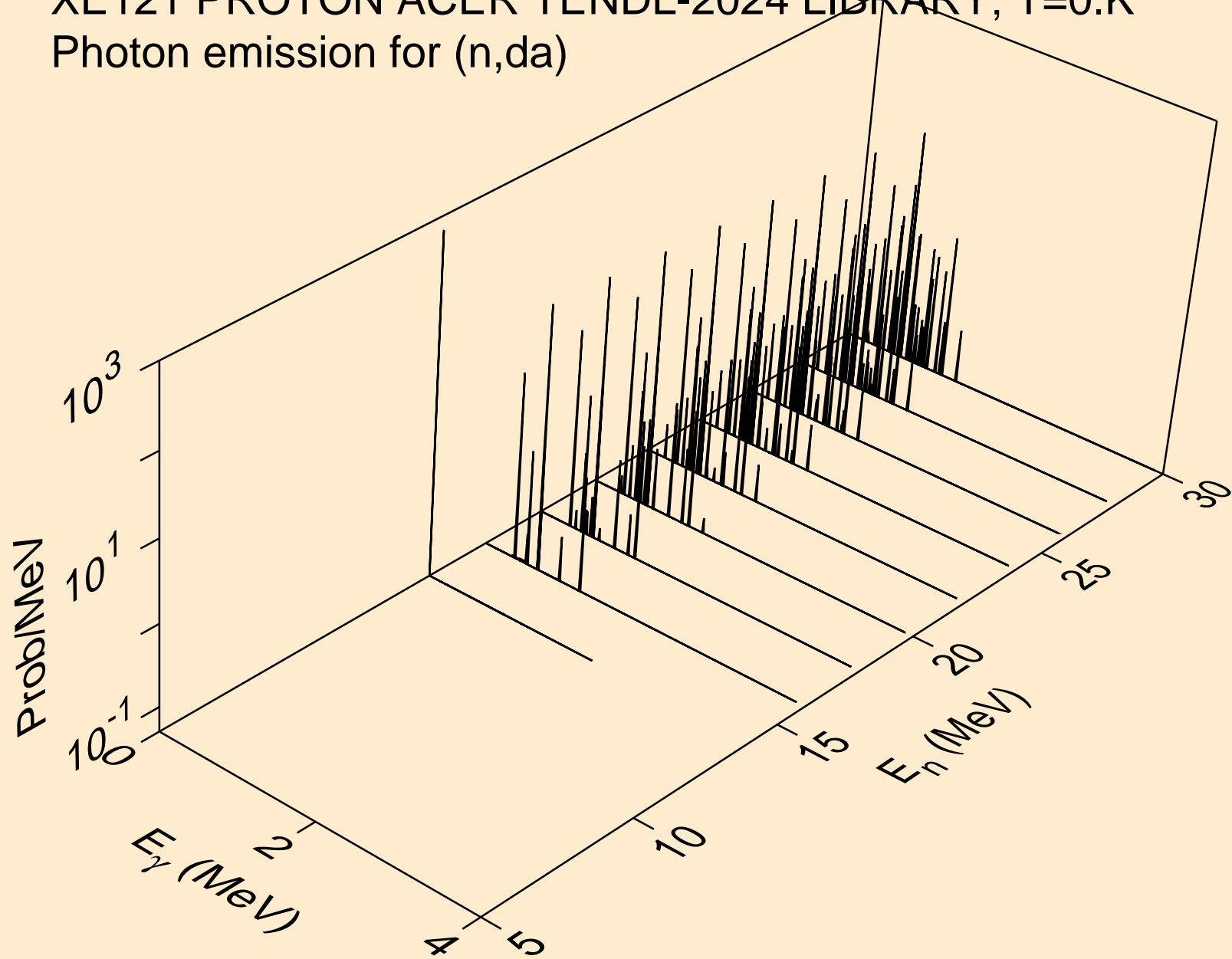
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



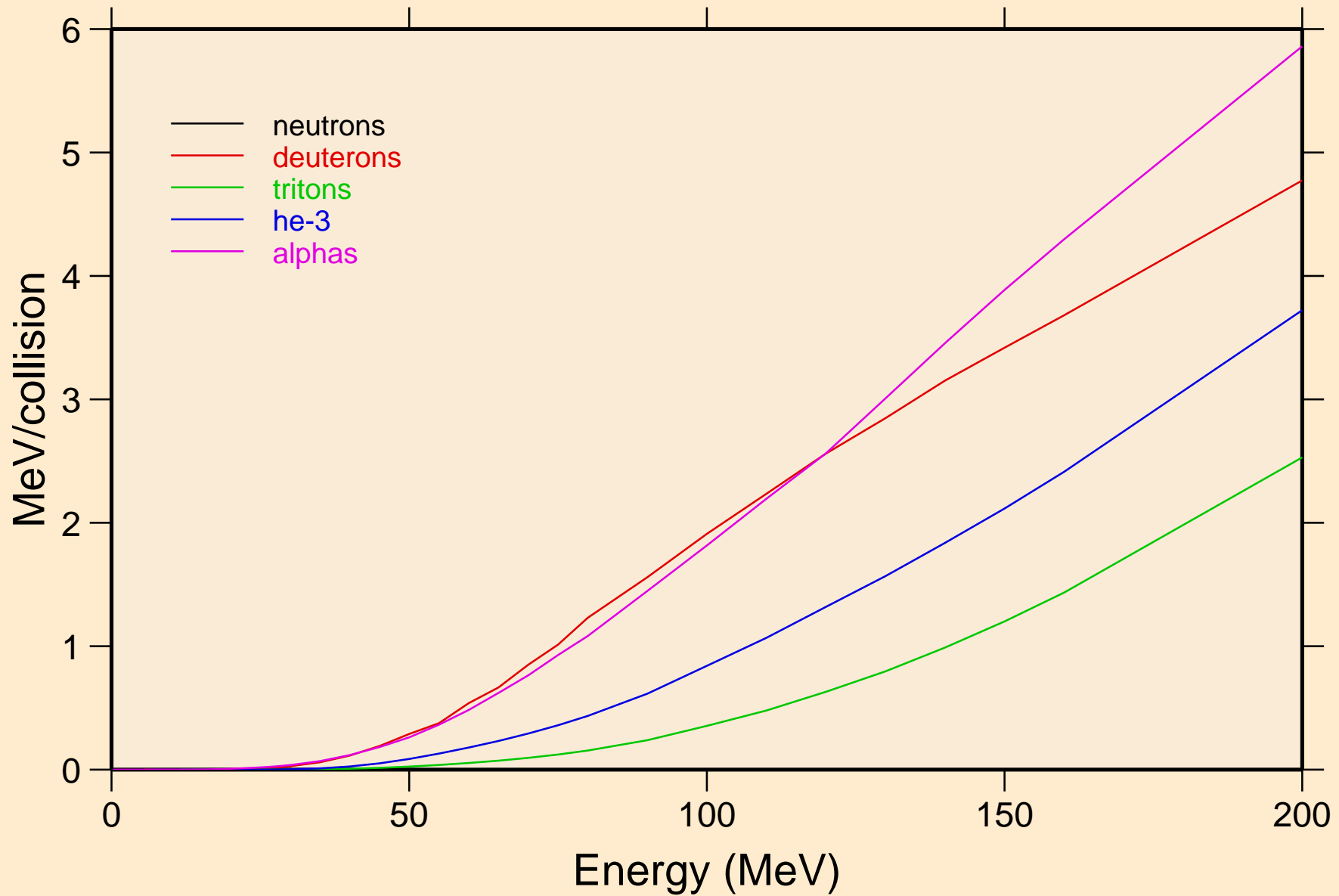
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

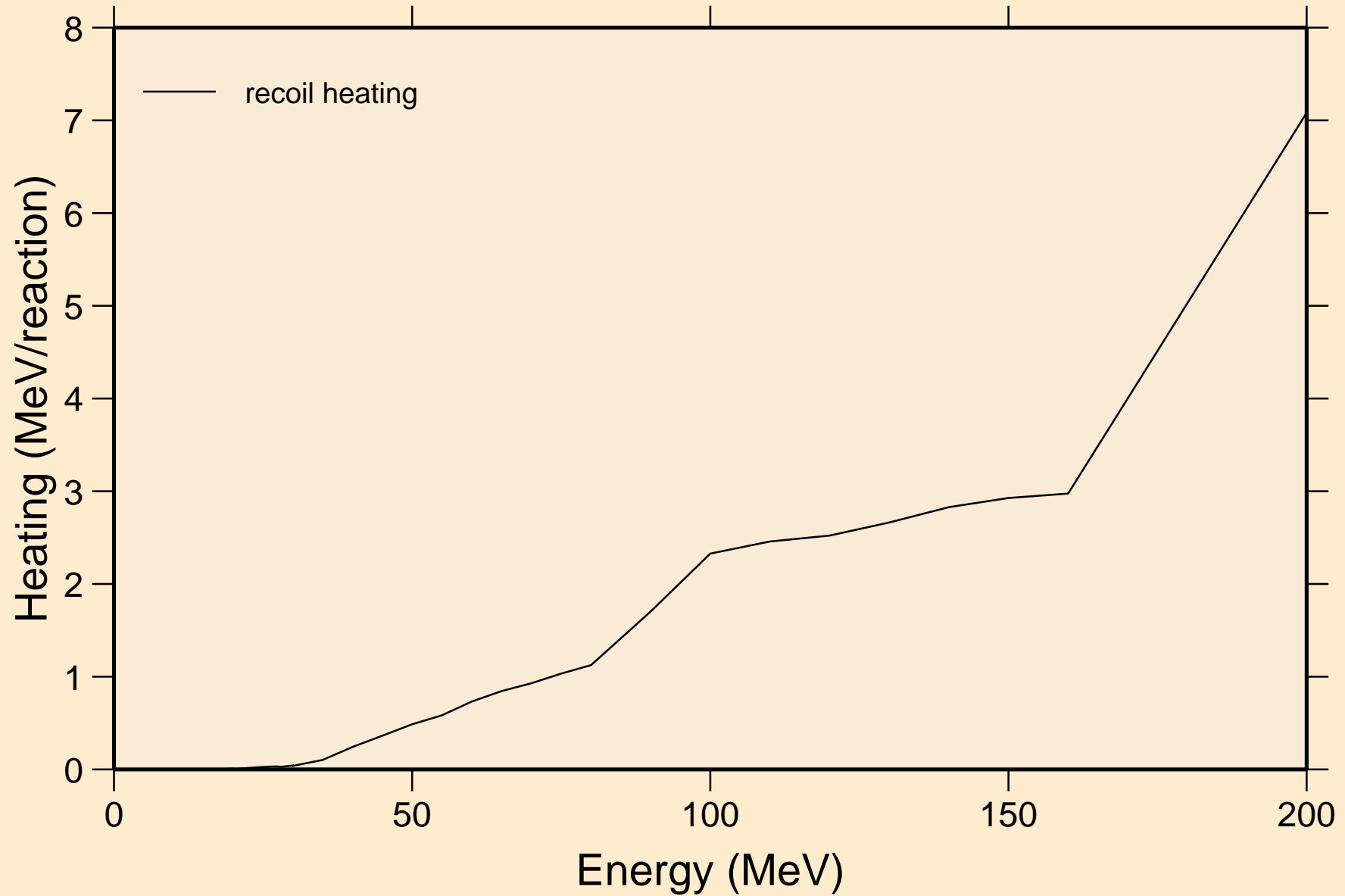


XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

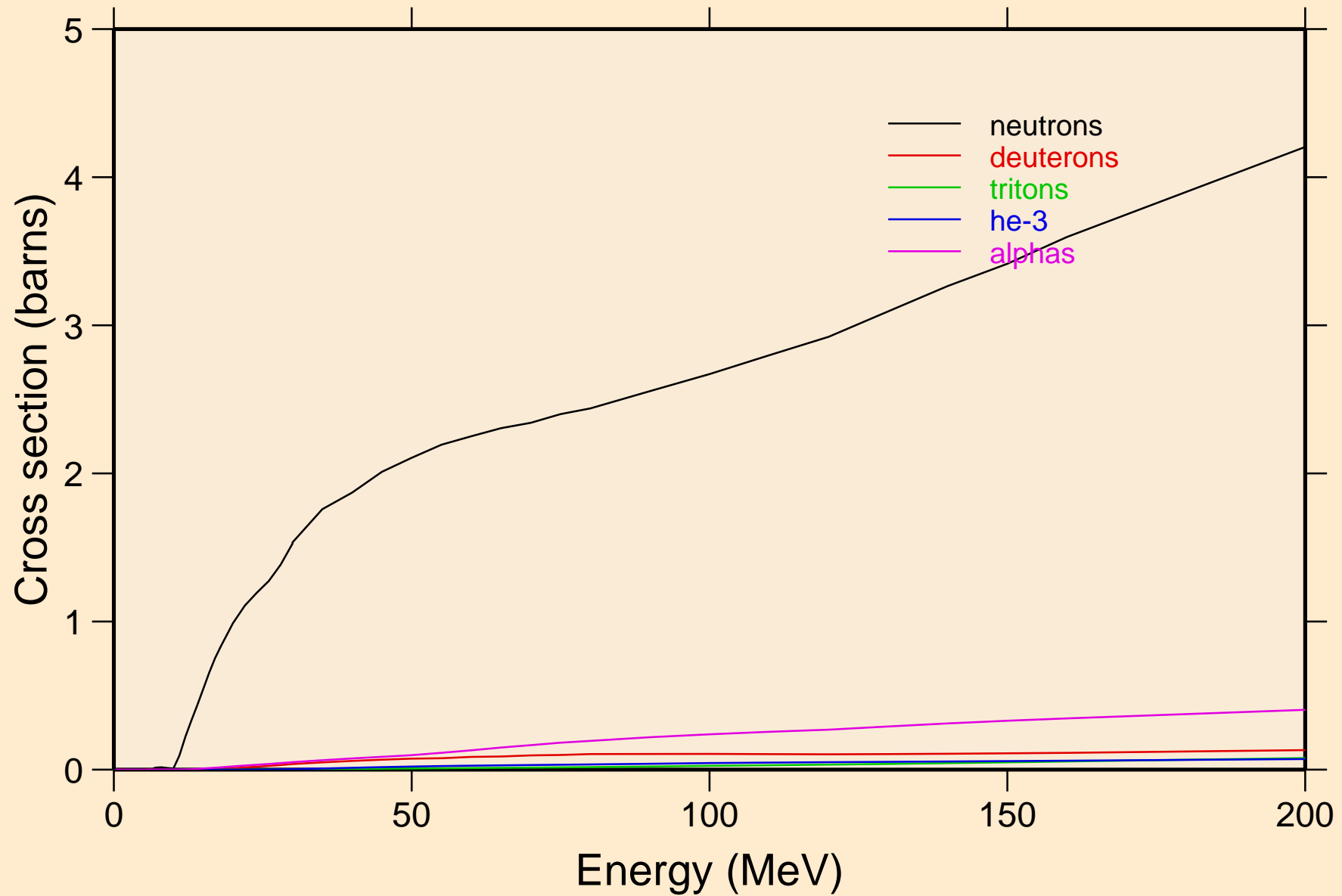


# XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K

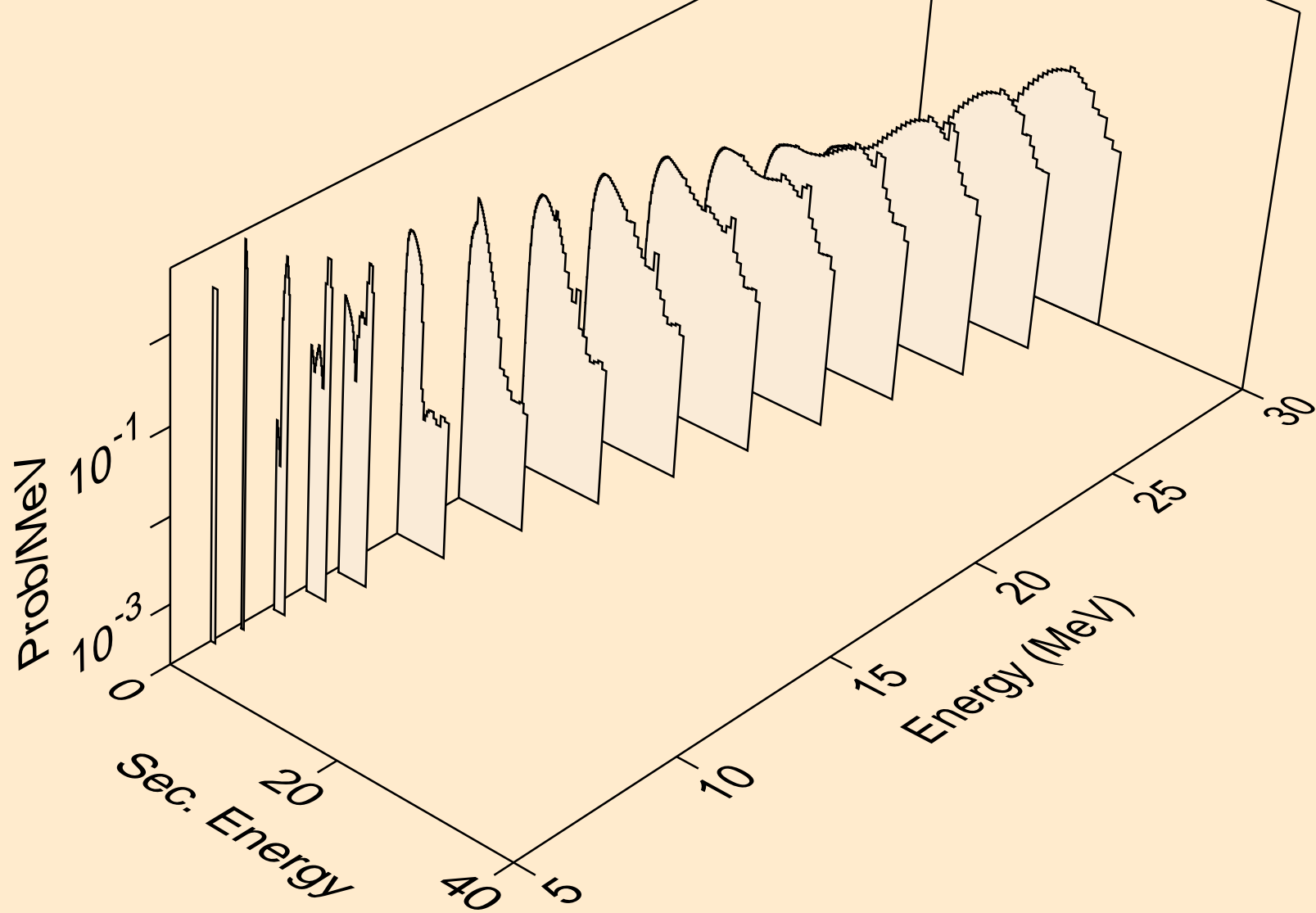
## Recoil Heating



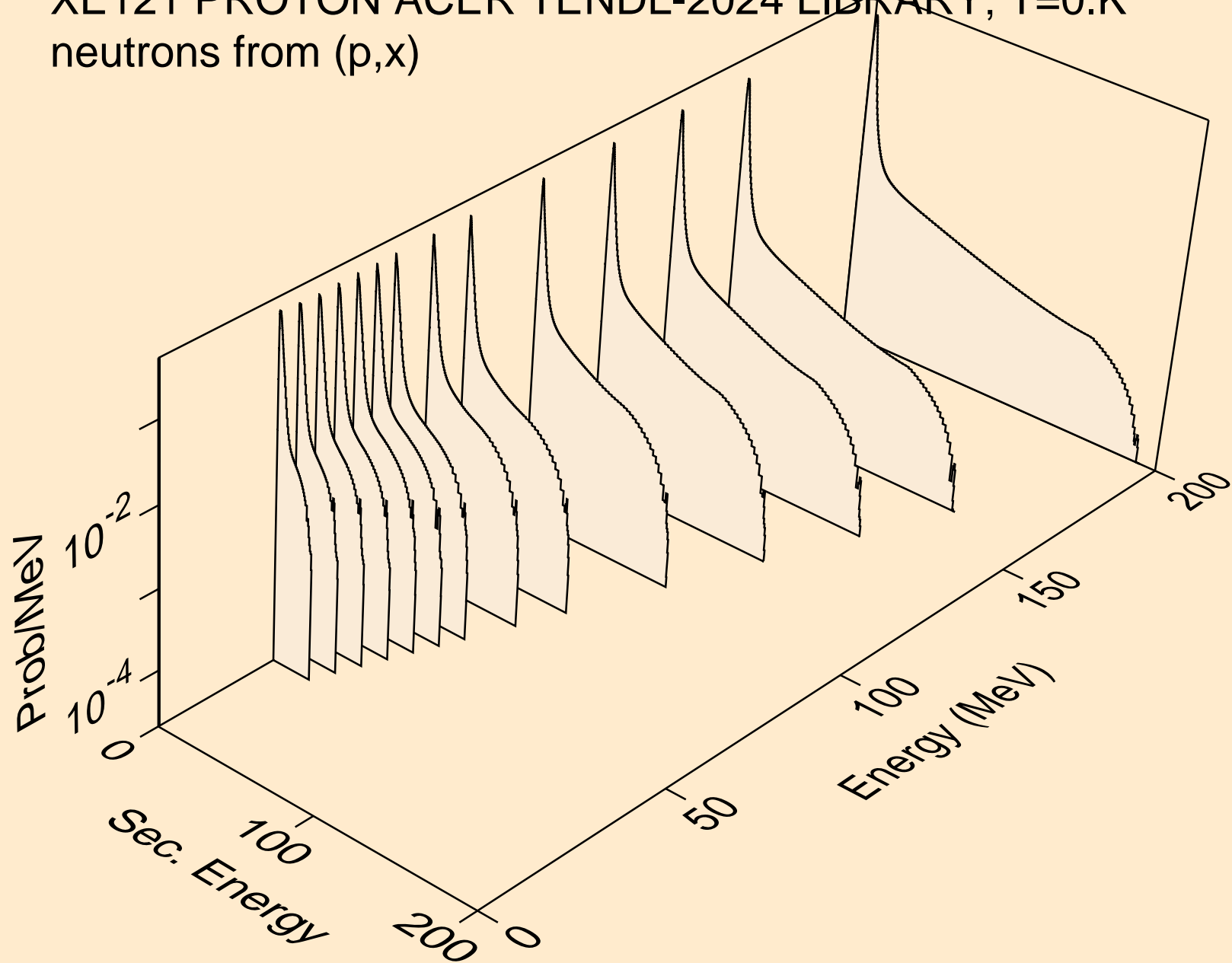
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



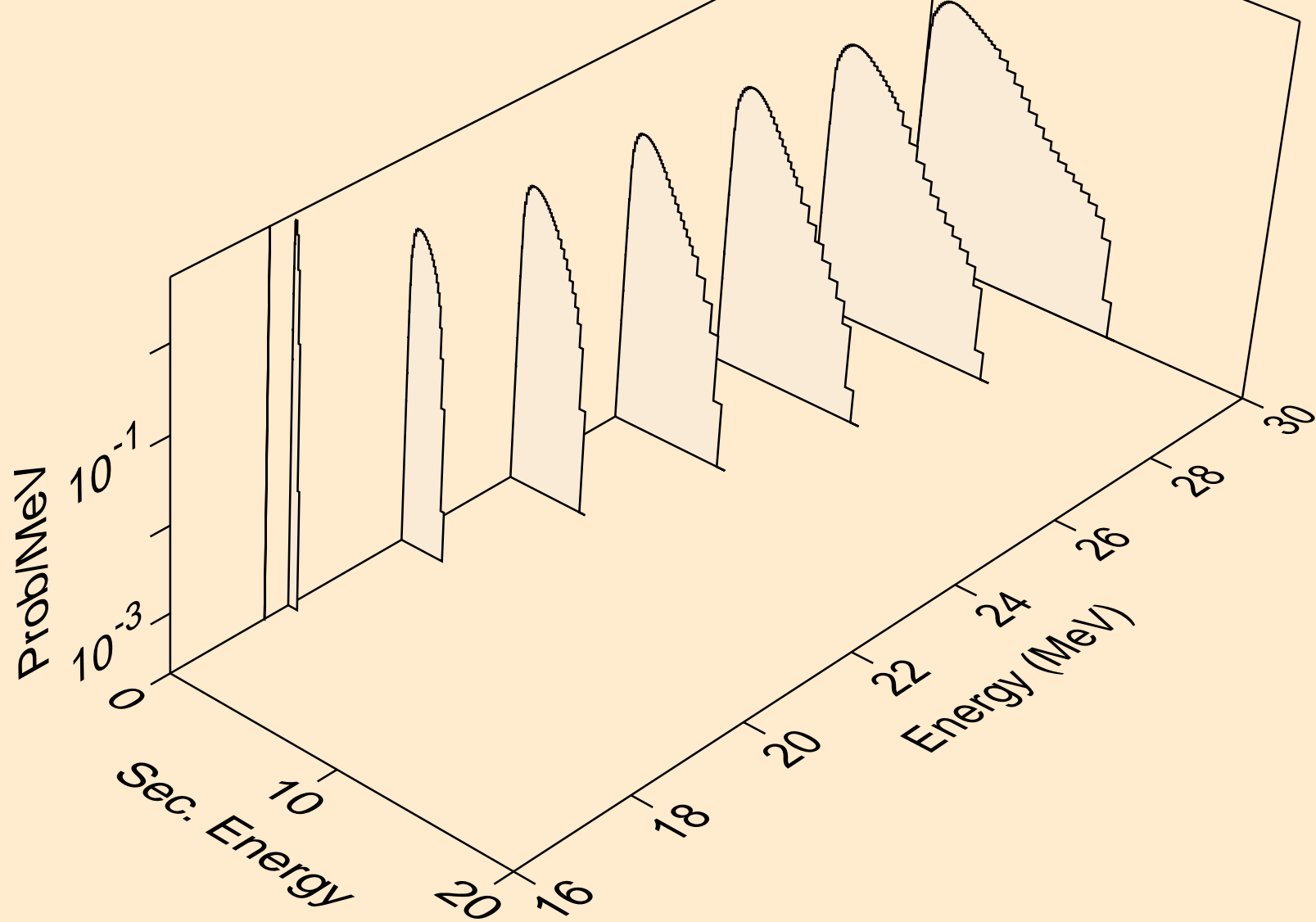
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



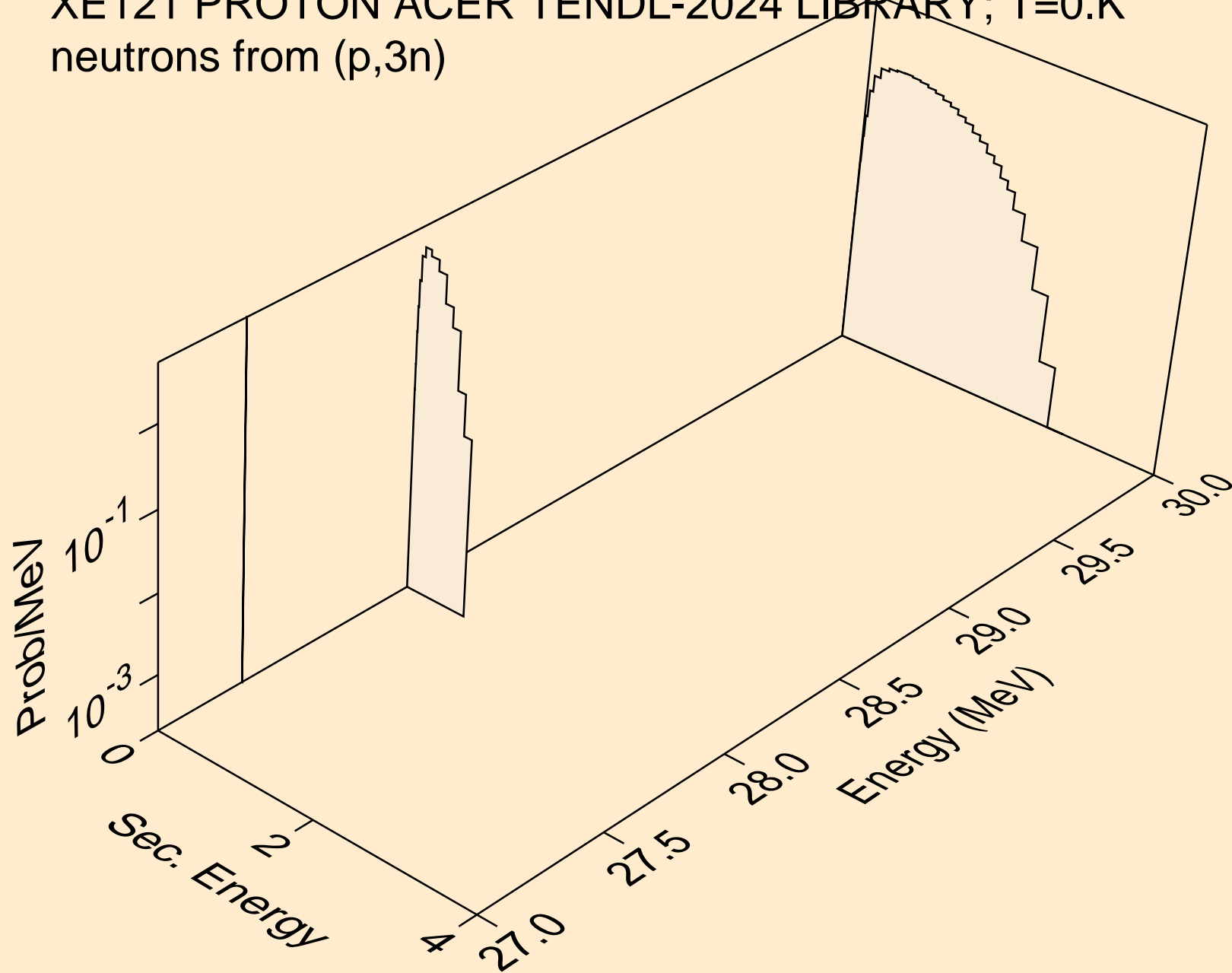
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



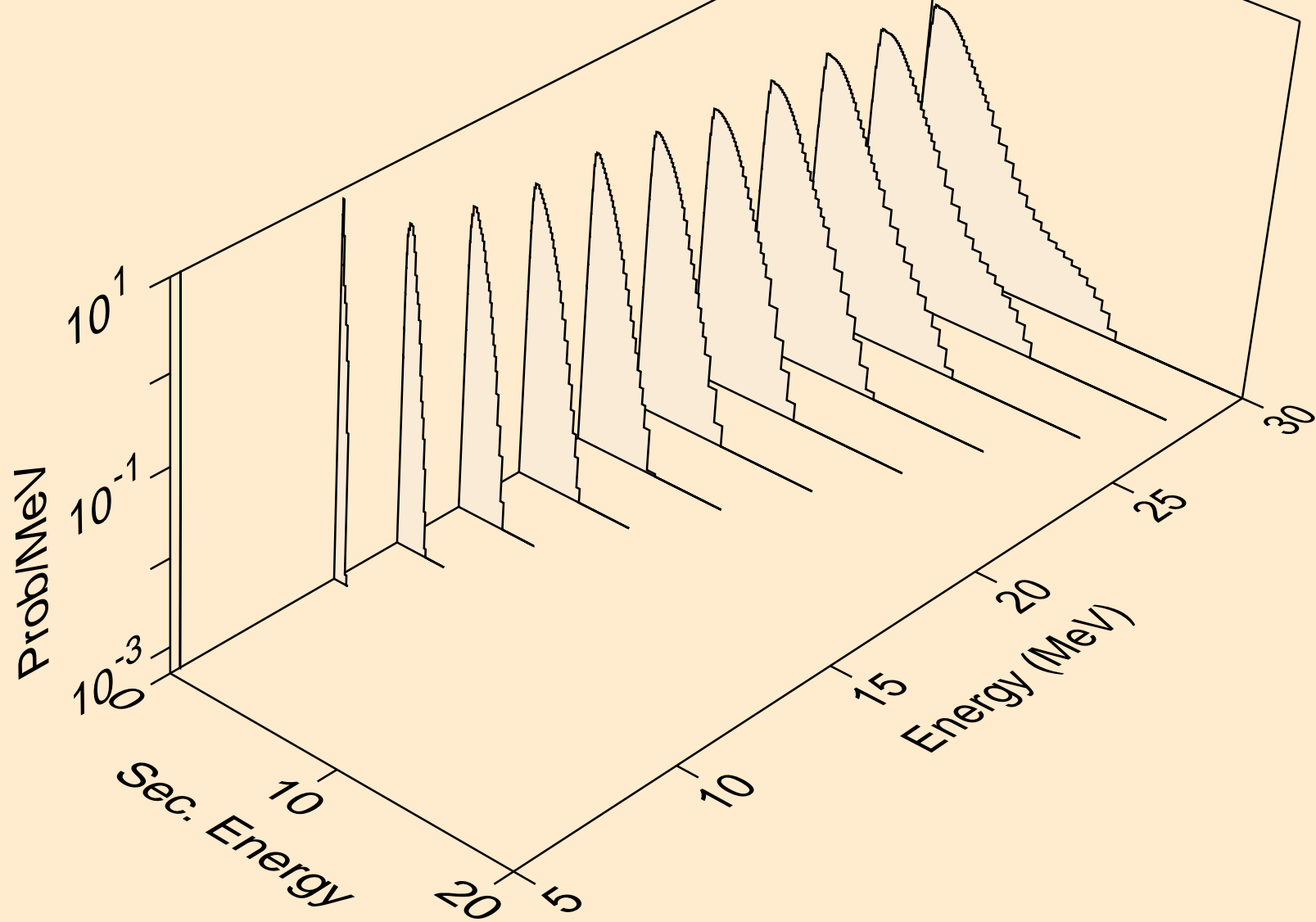
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



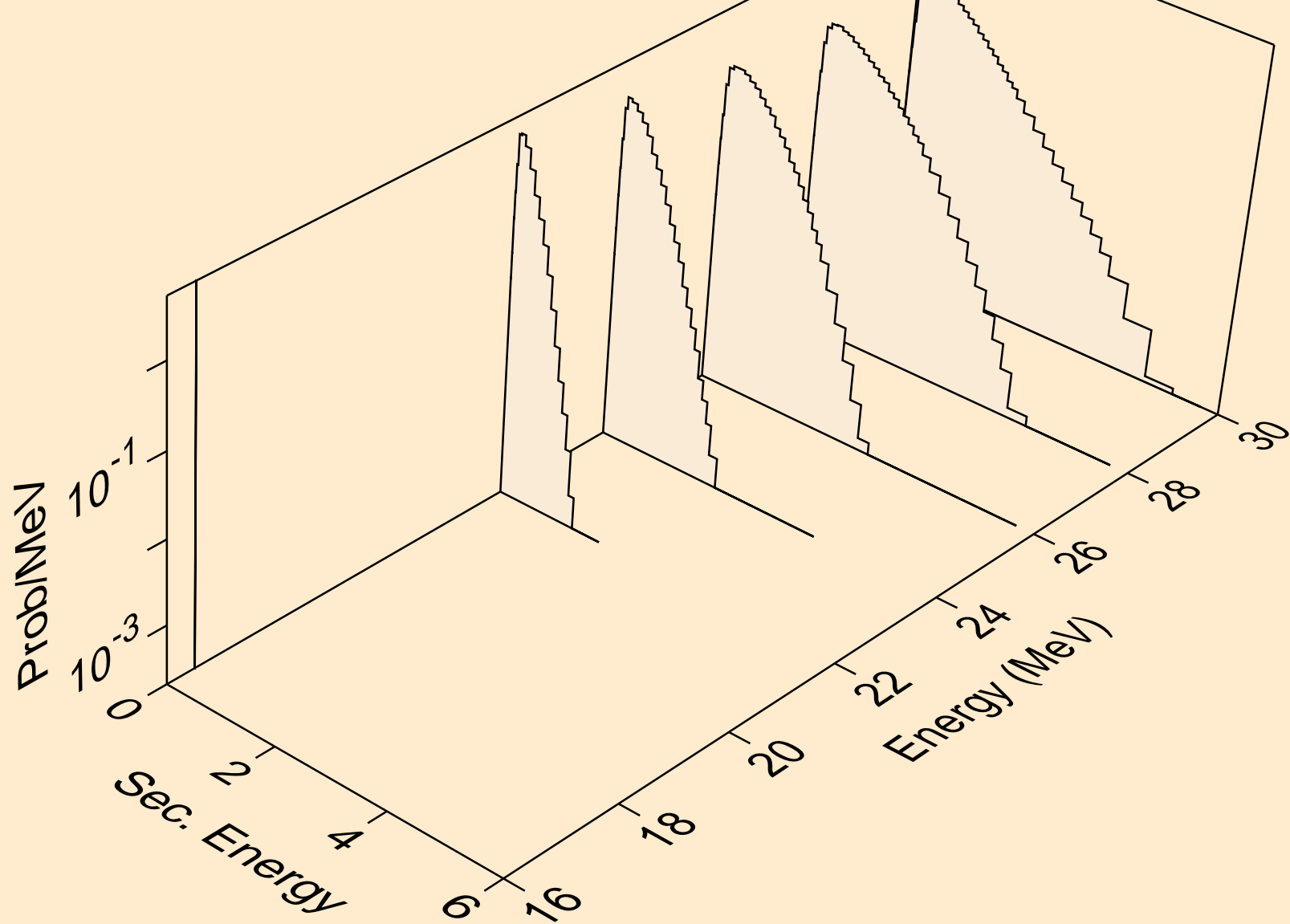
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



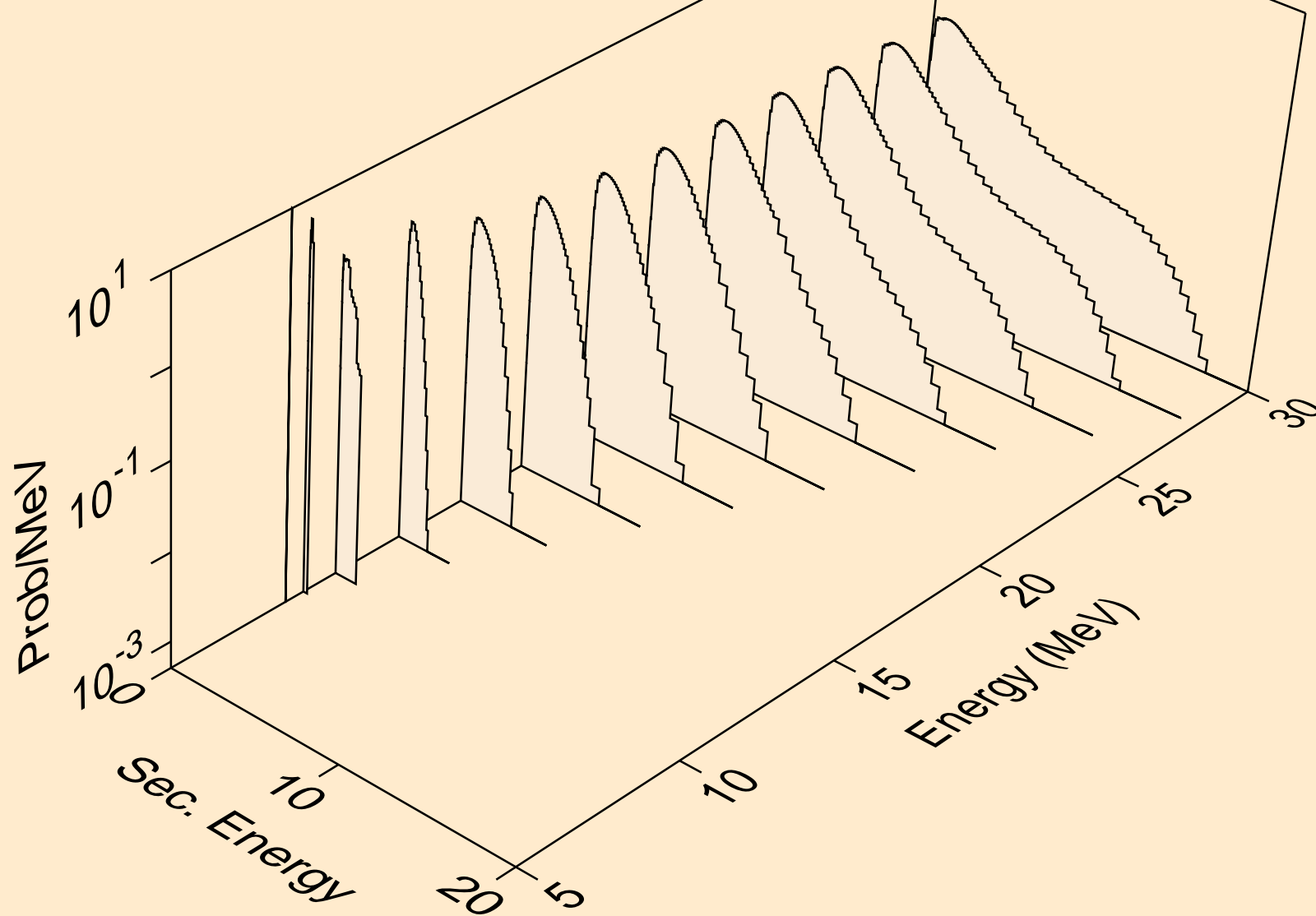
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



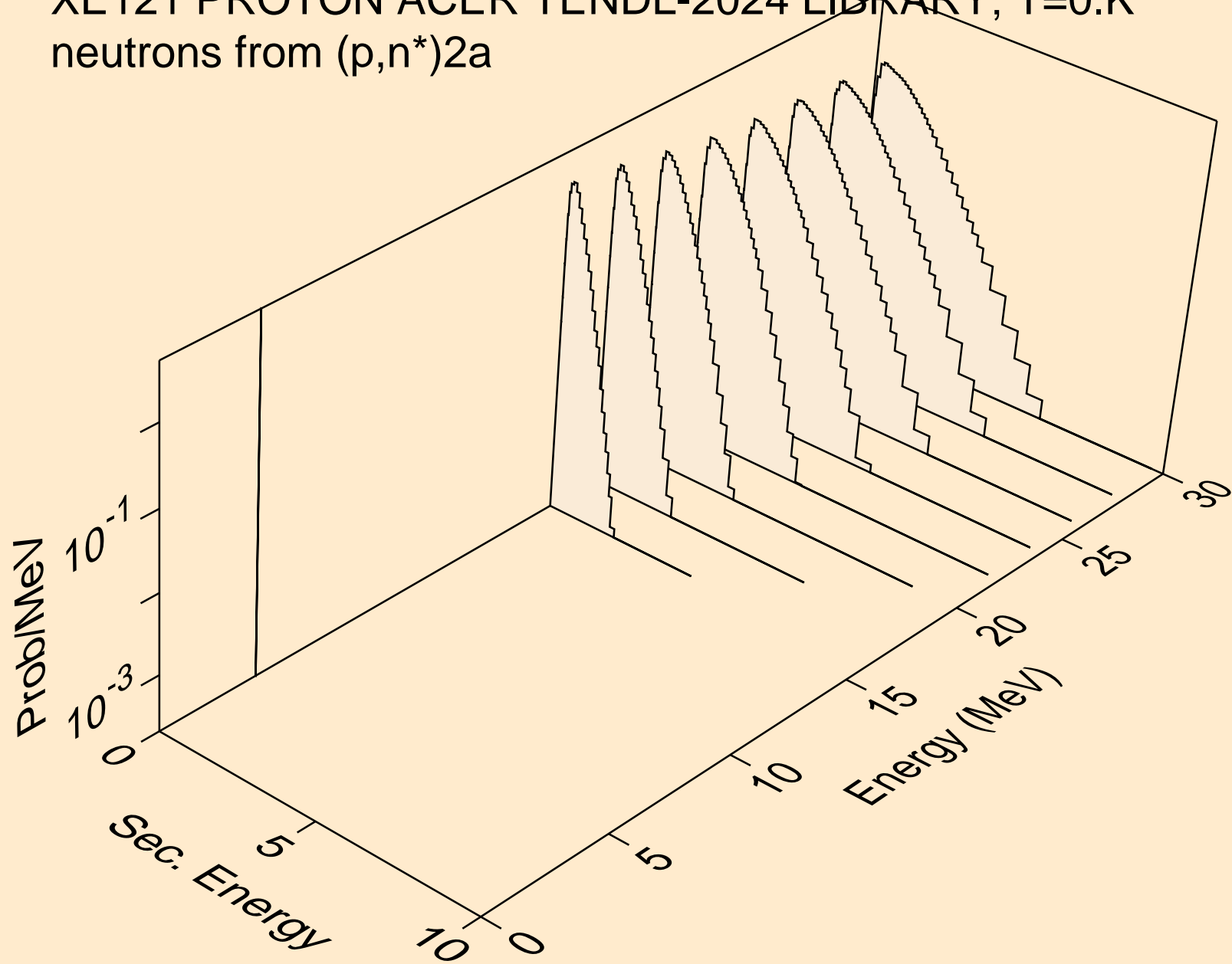
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



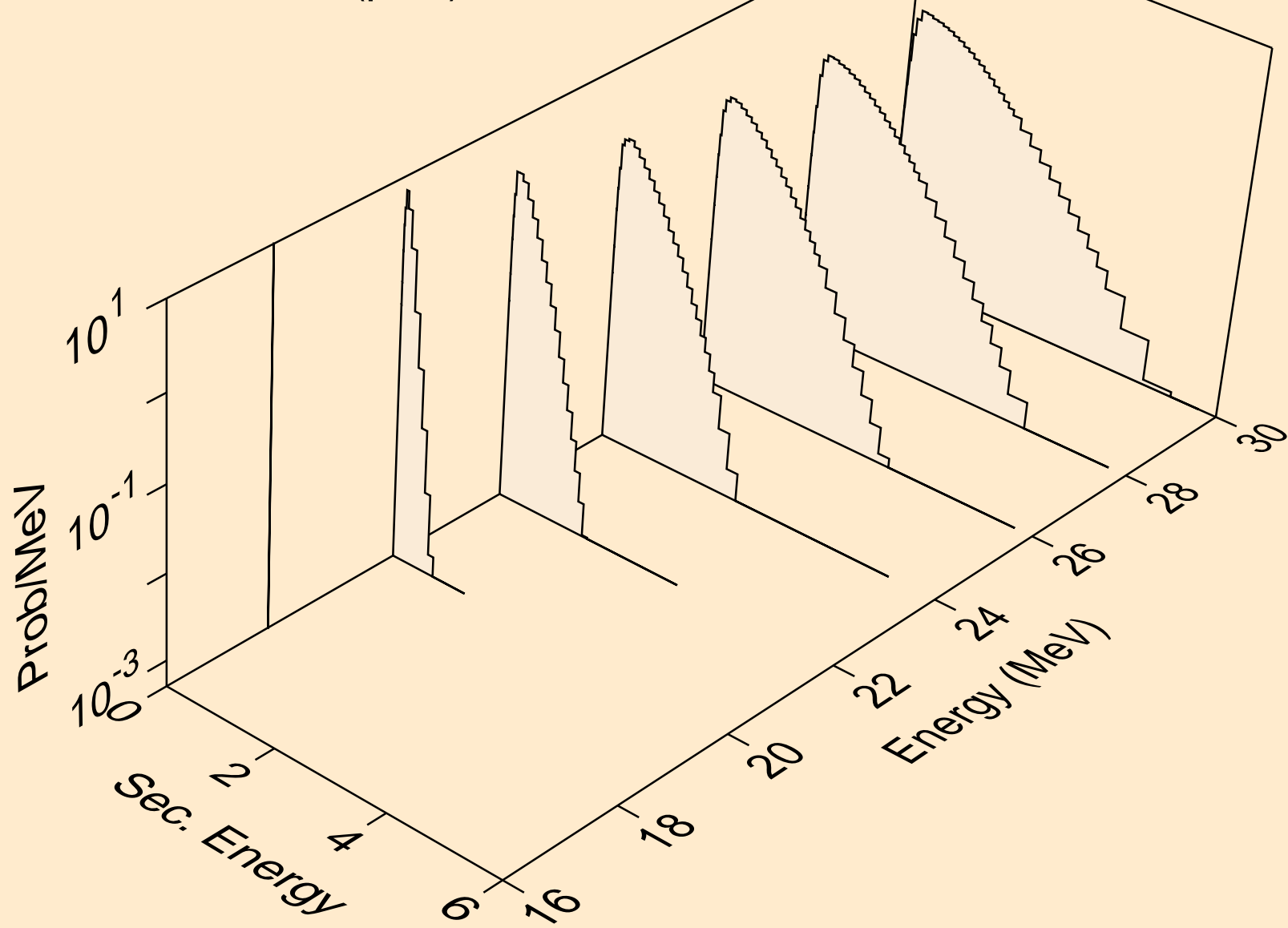
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



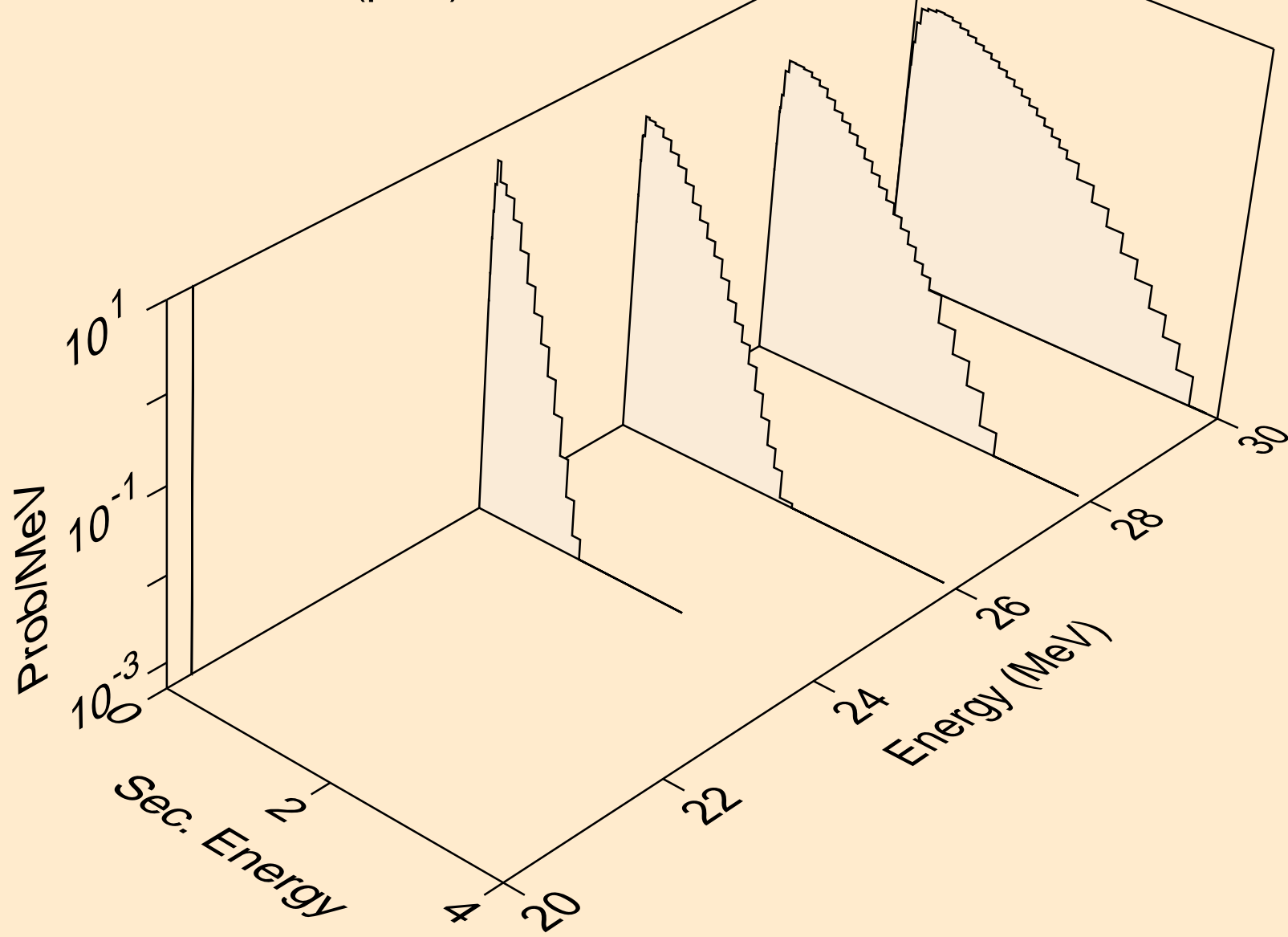
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



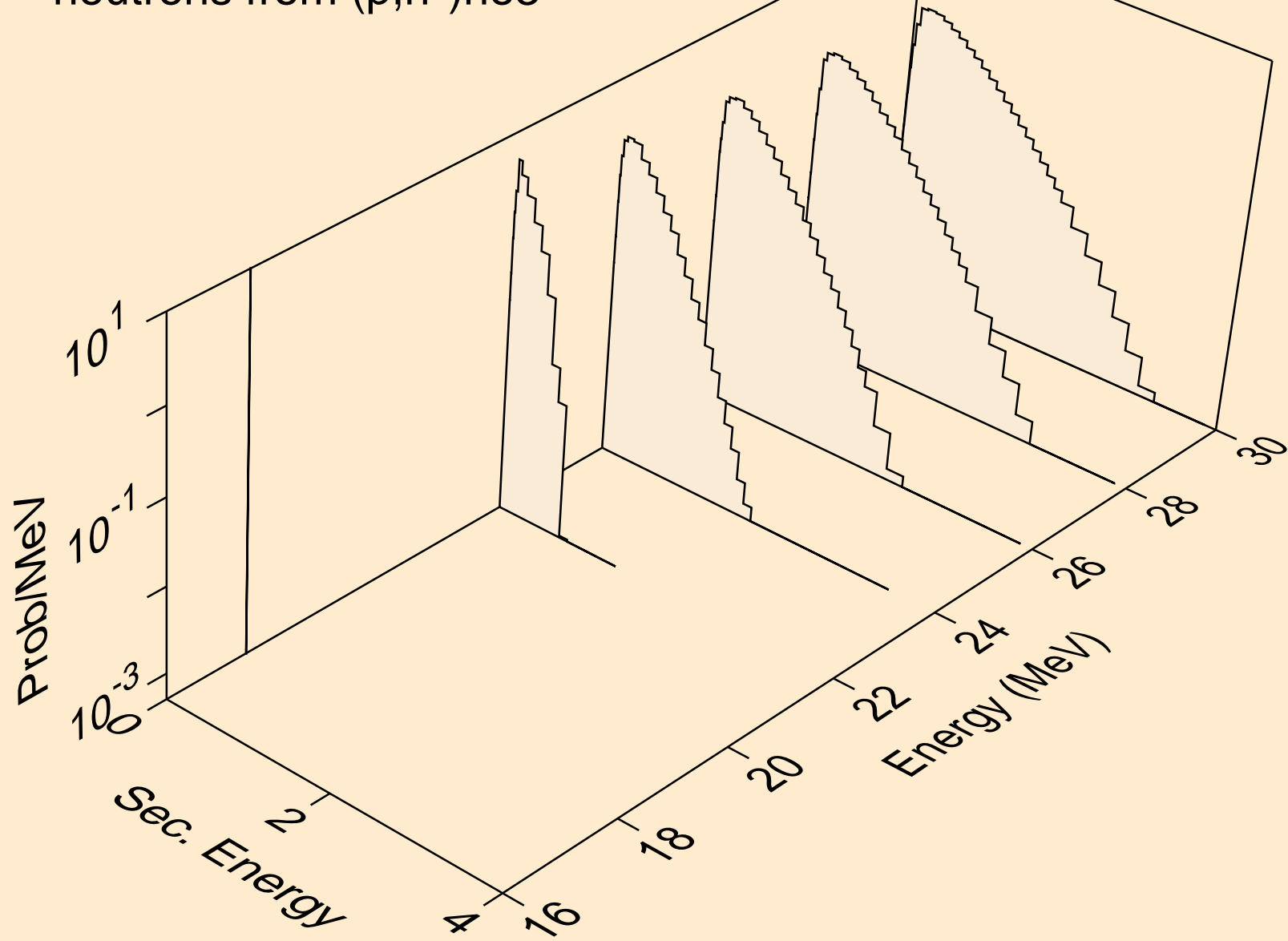
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



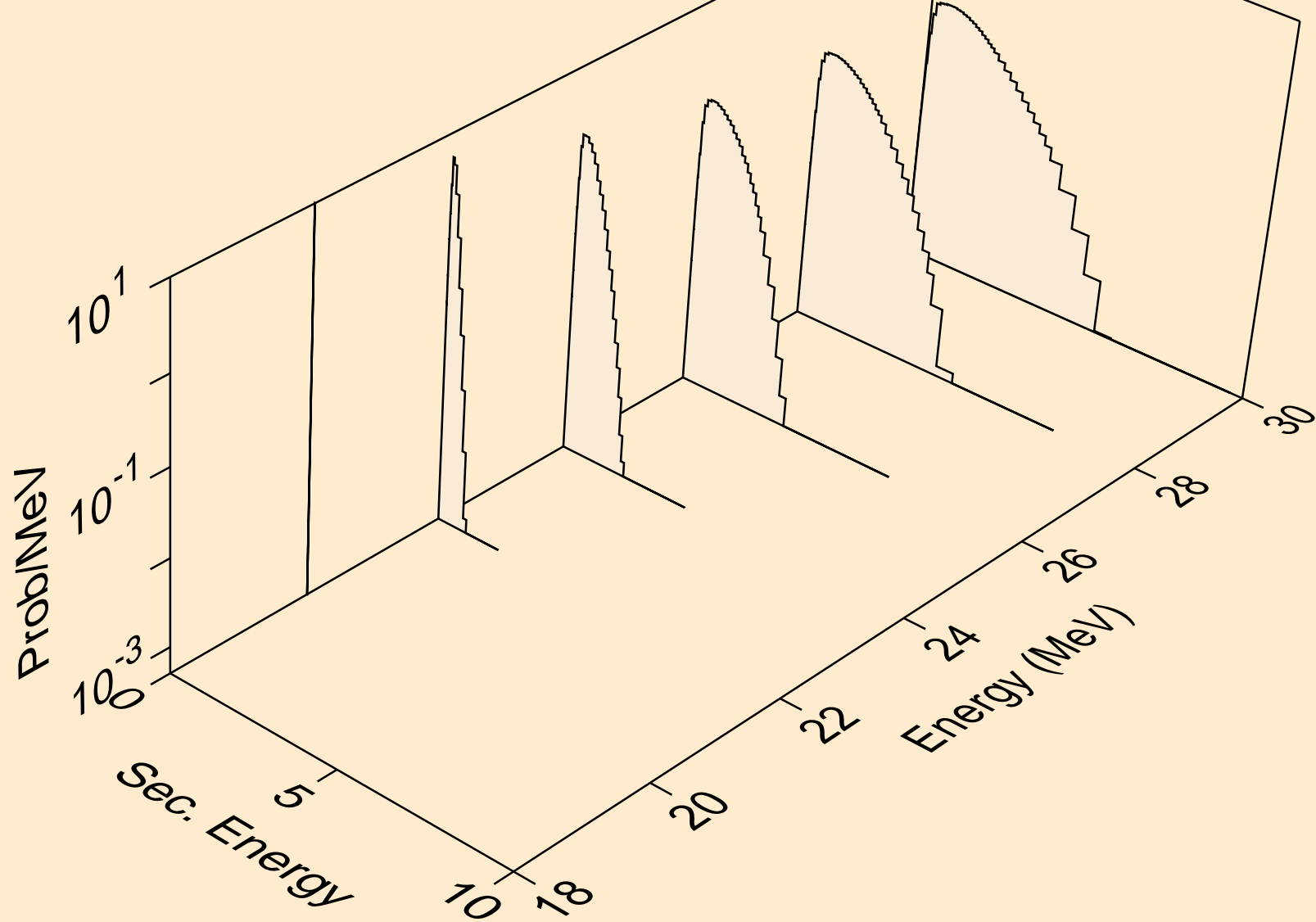
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



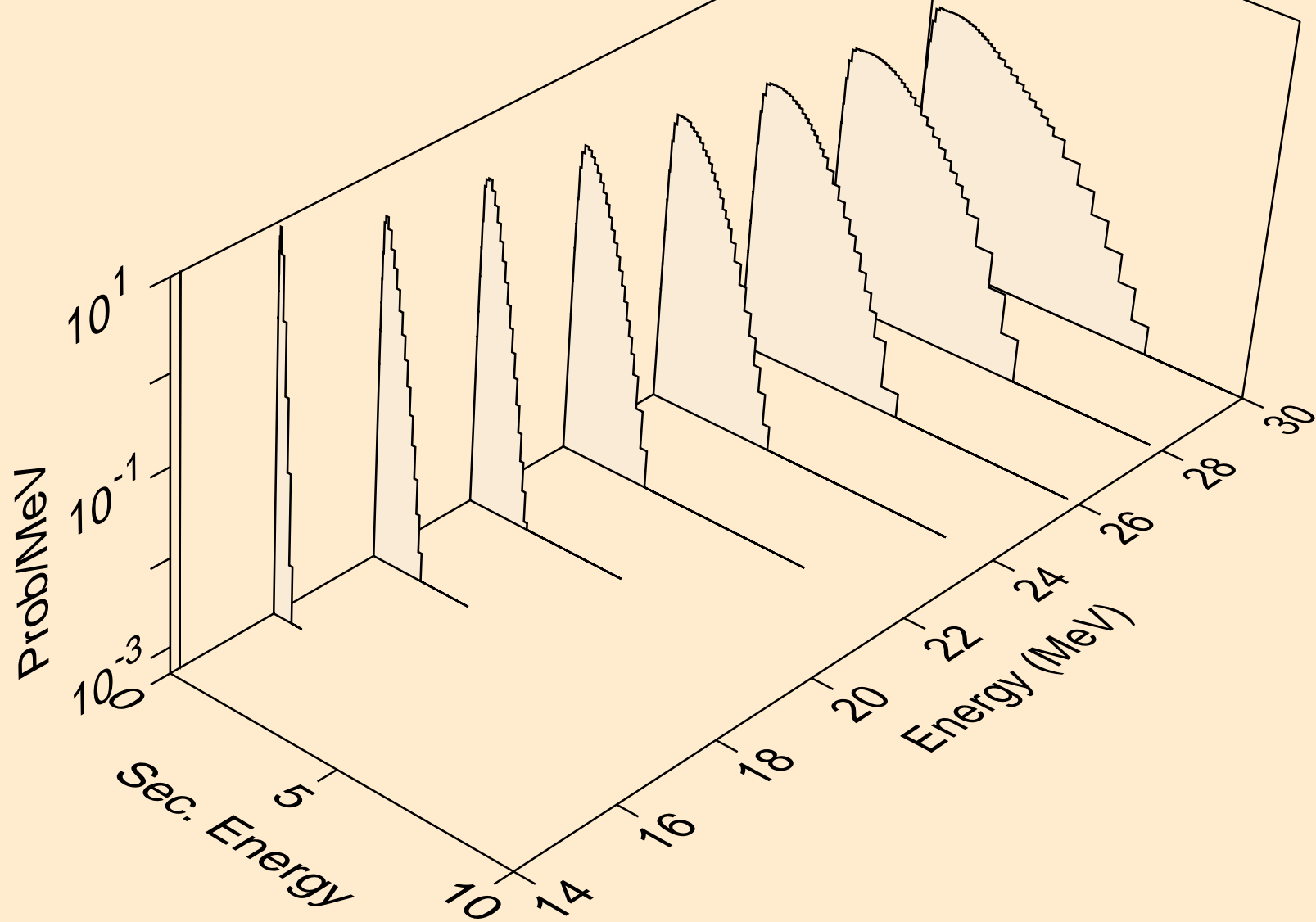
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



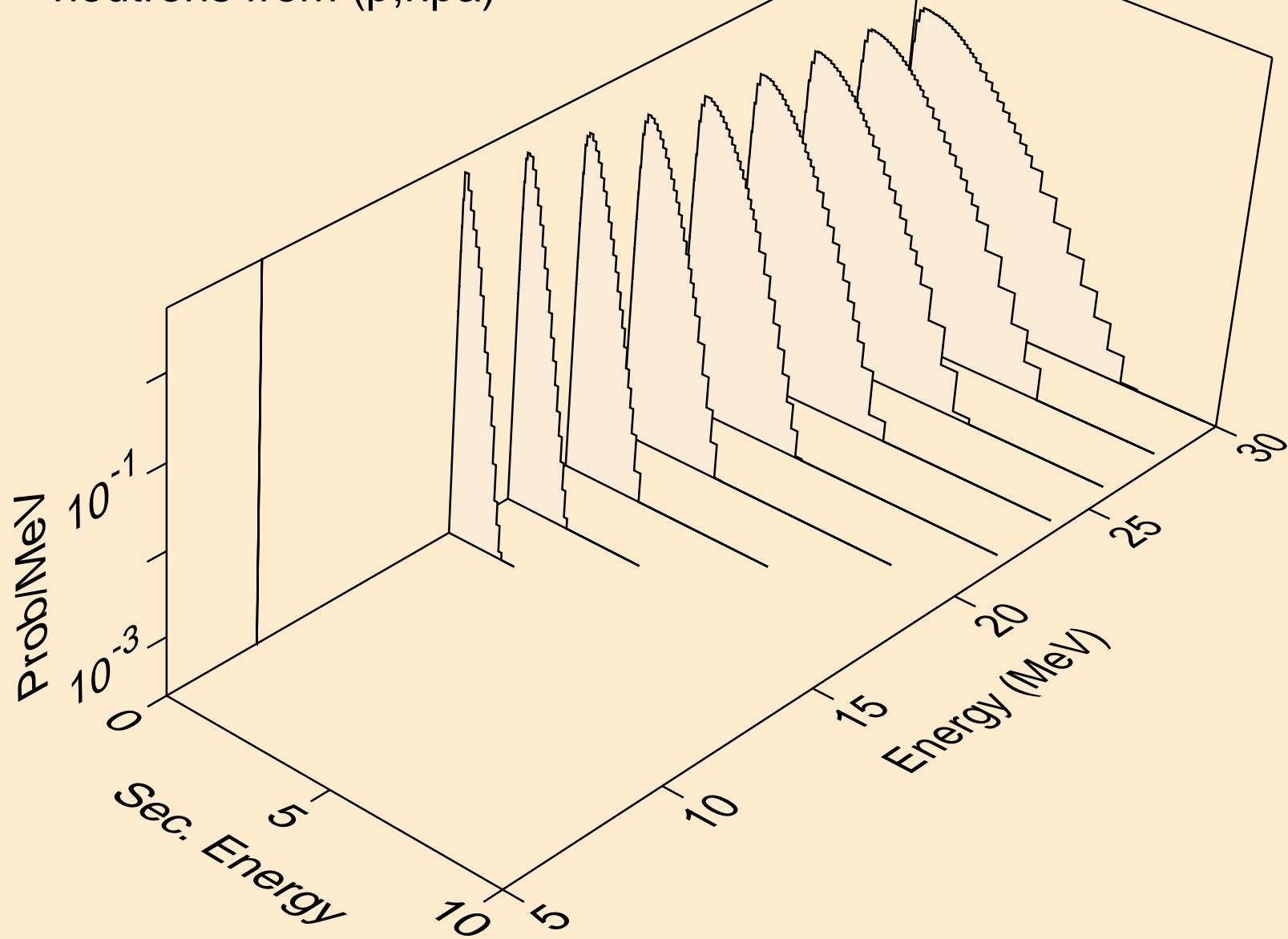
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



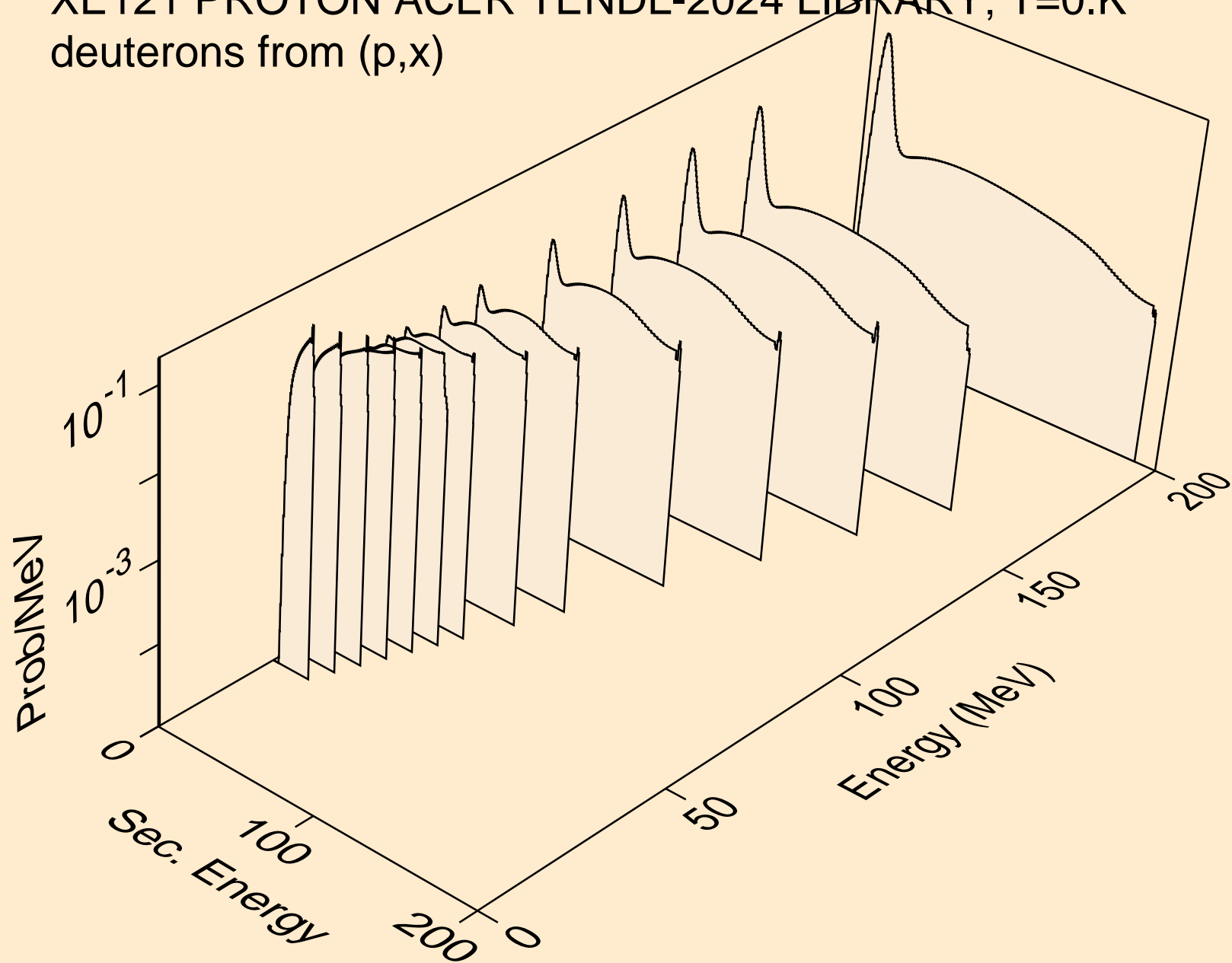
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



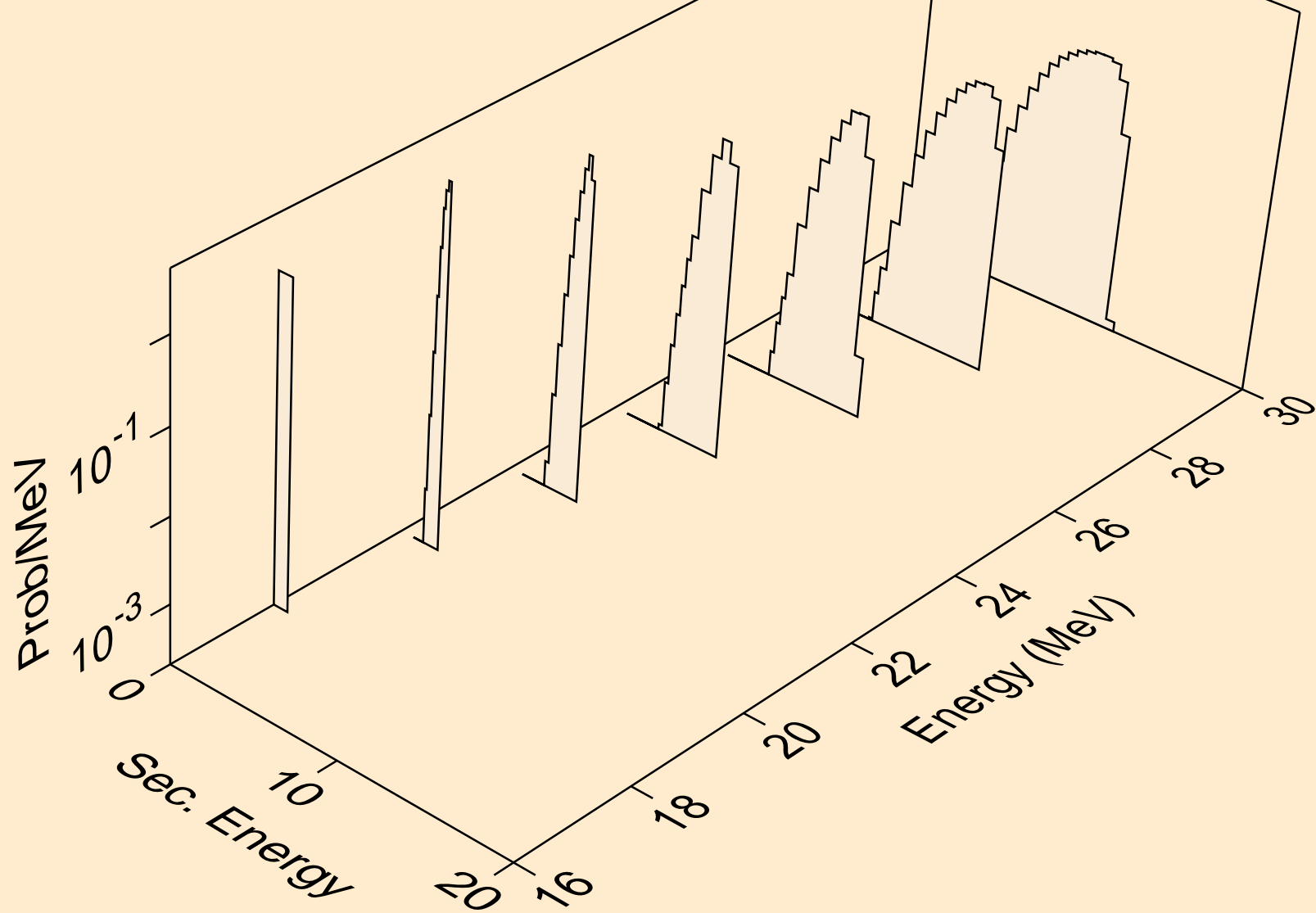
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



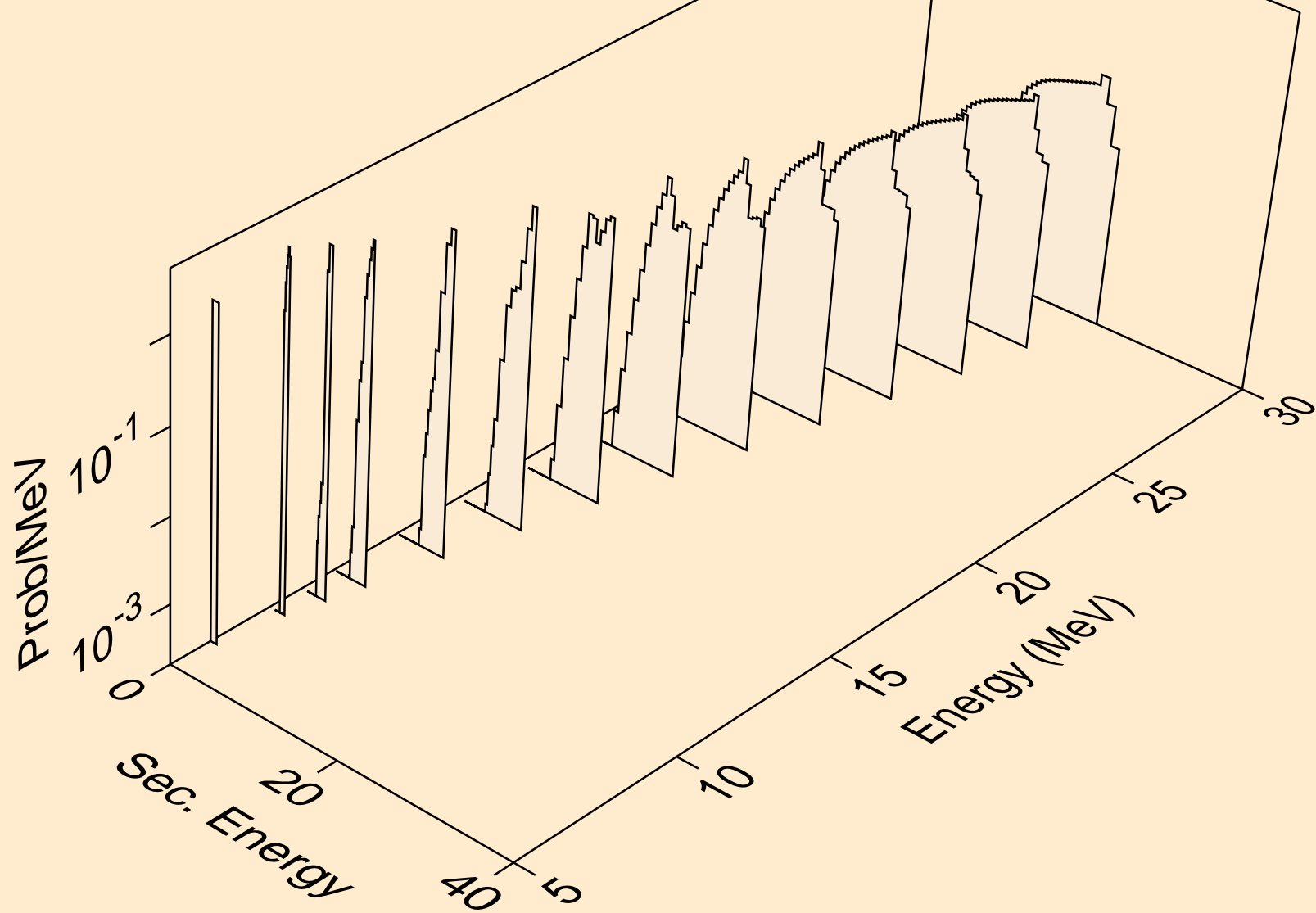
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



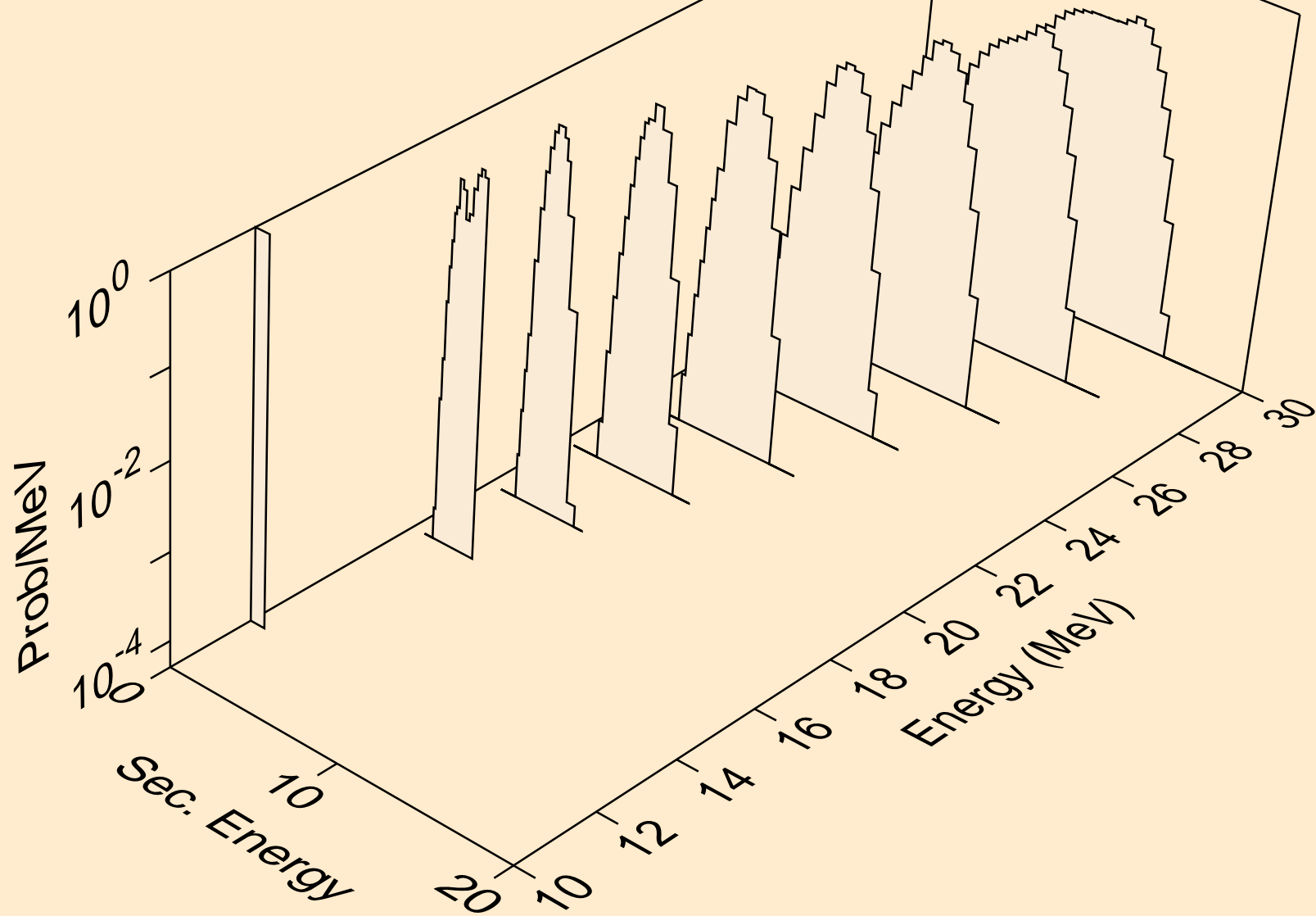
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



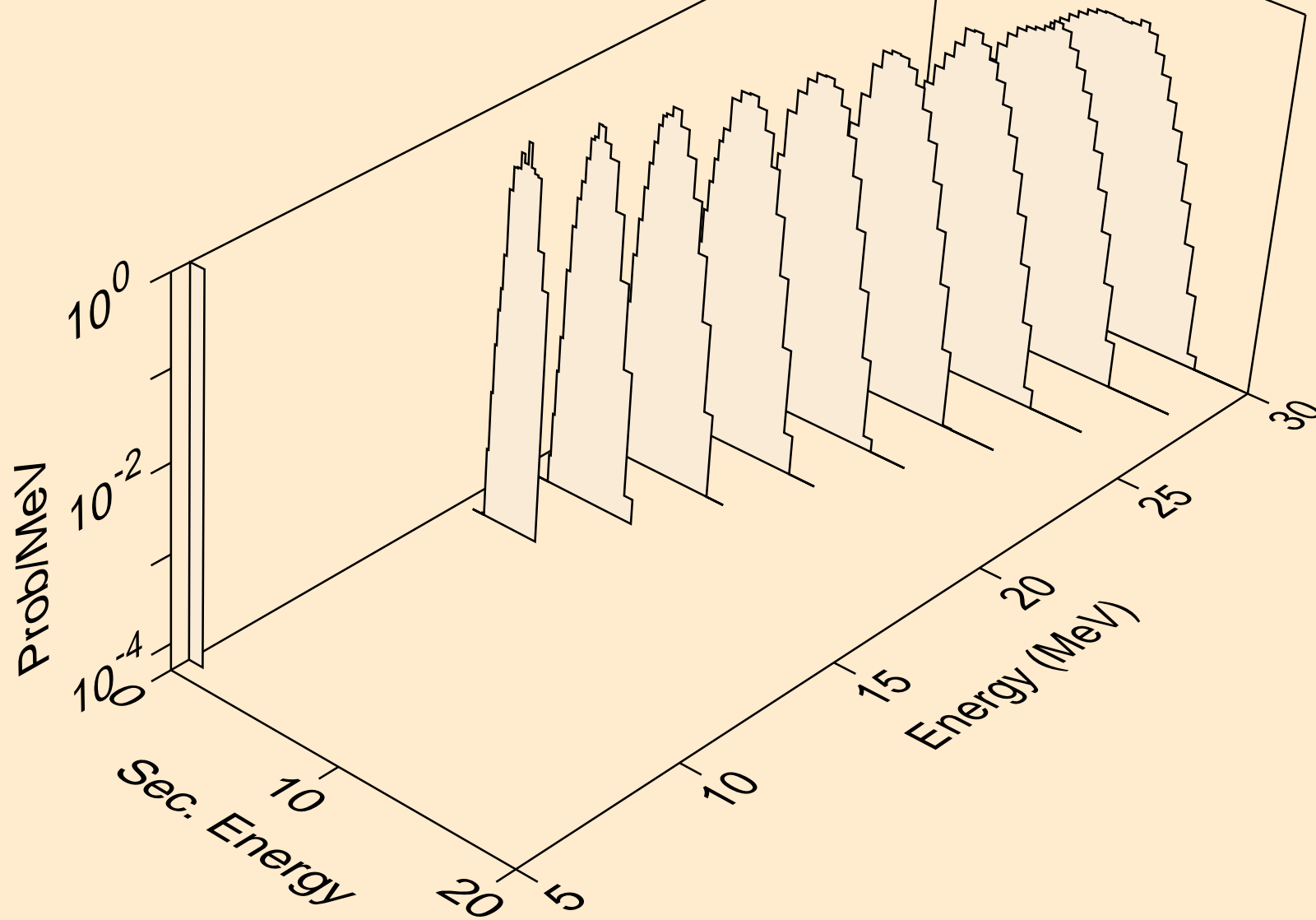
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



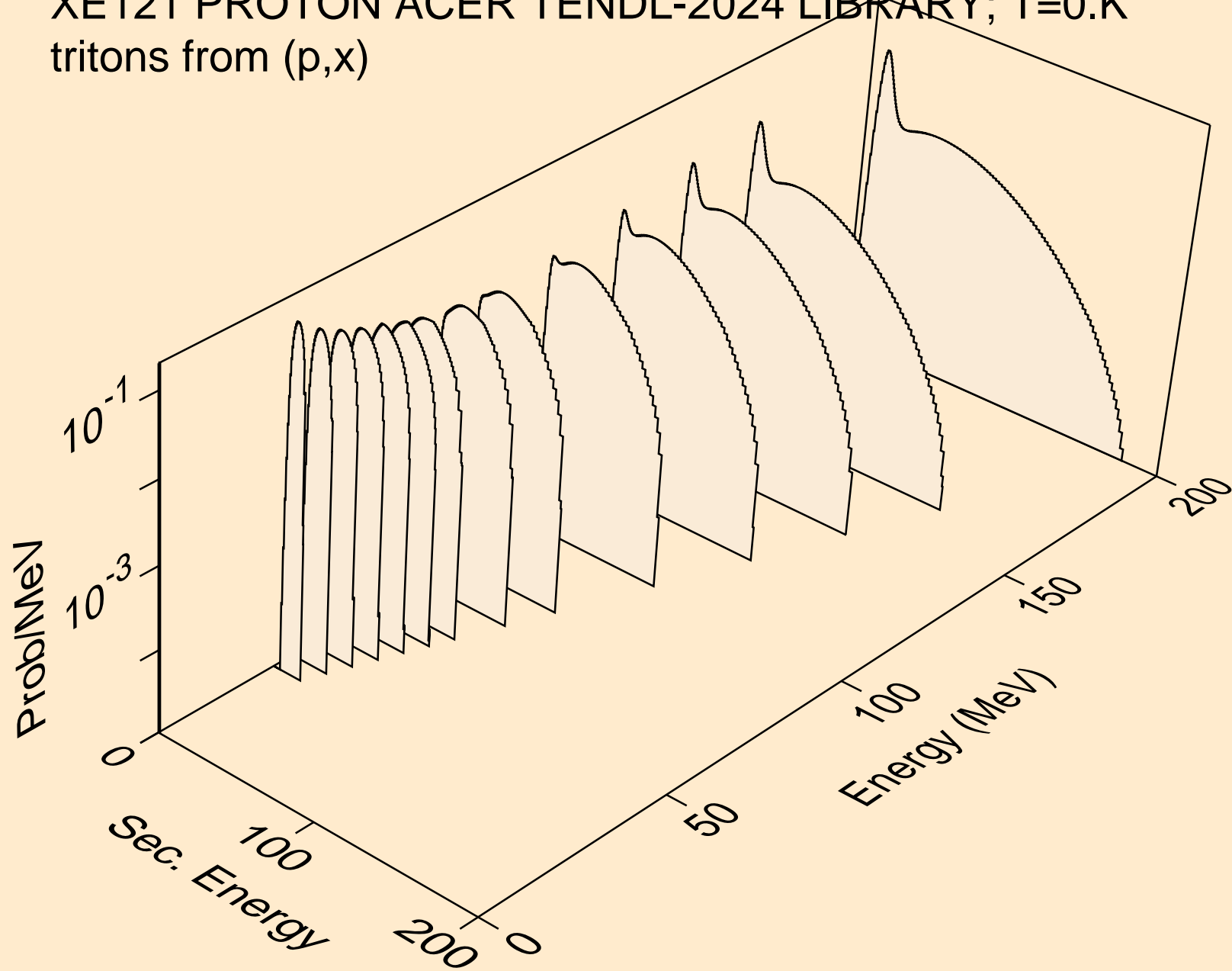
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



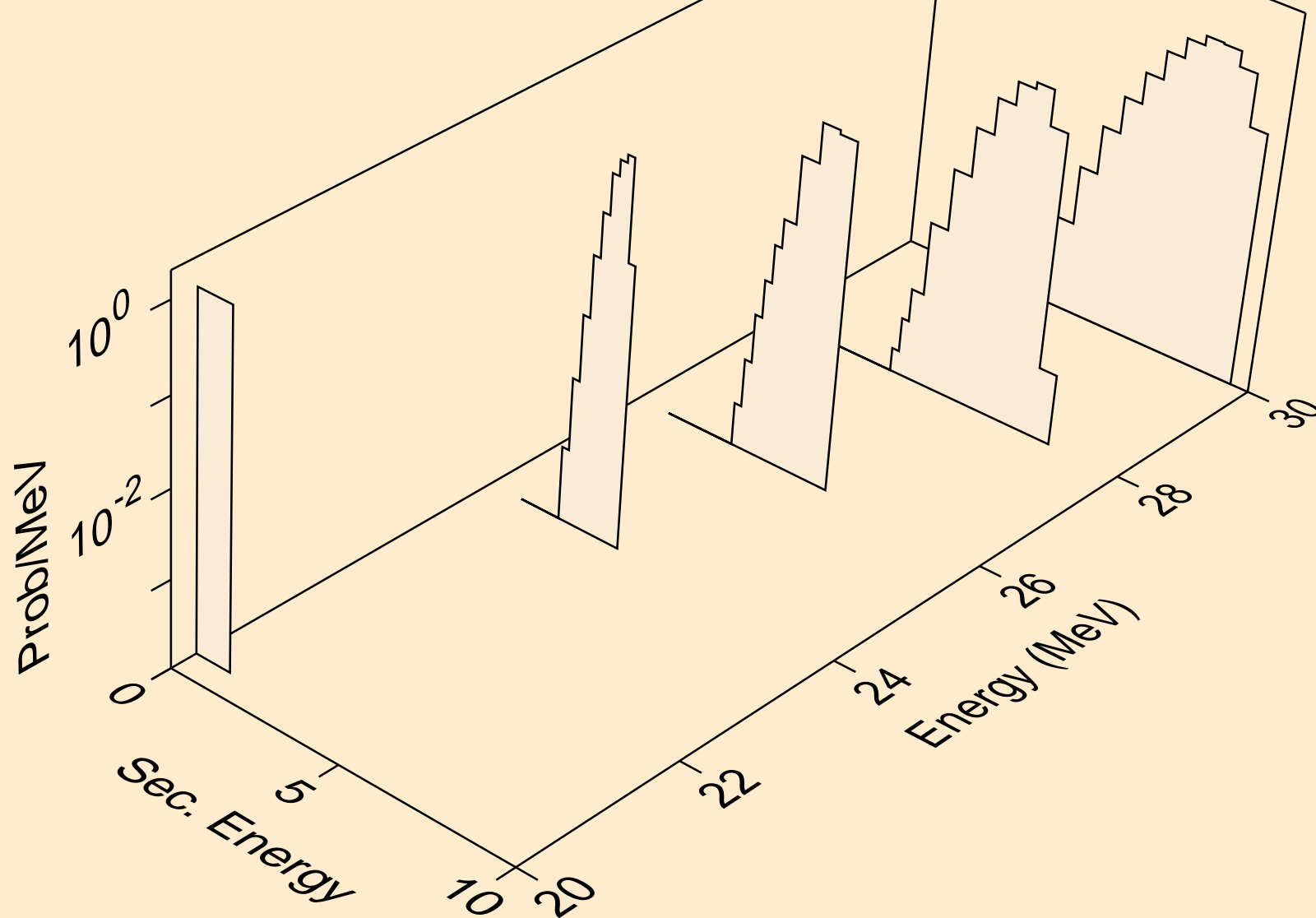
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



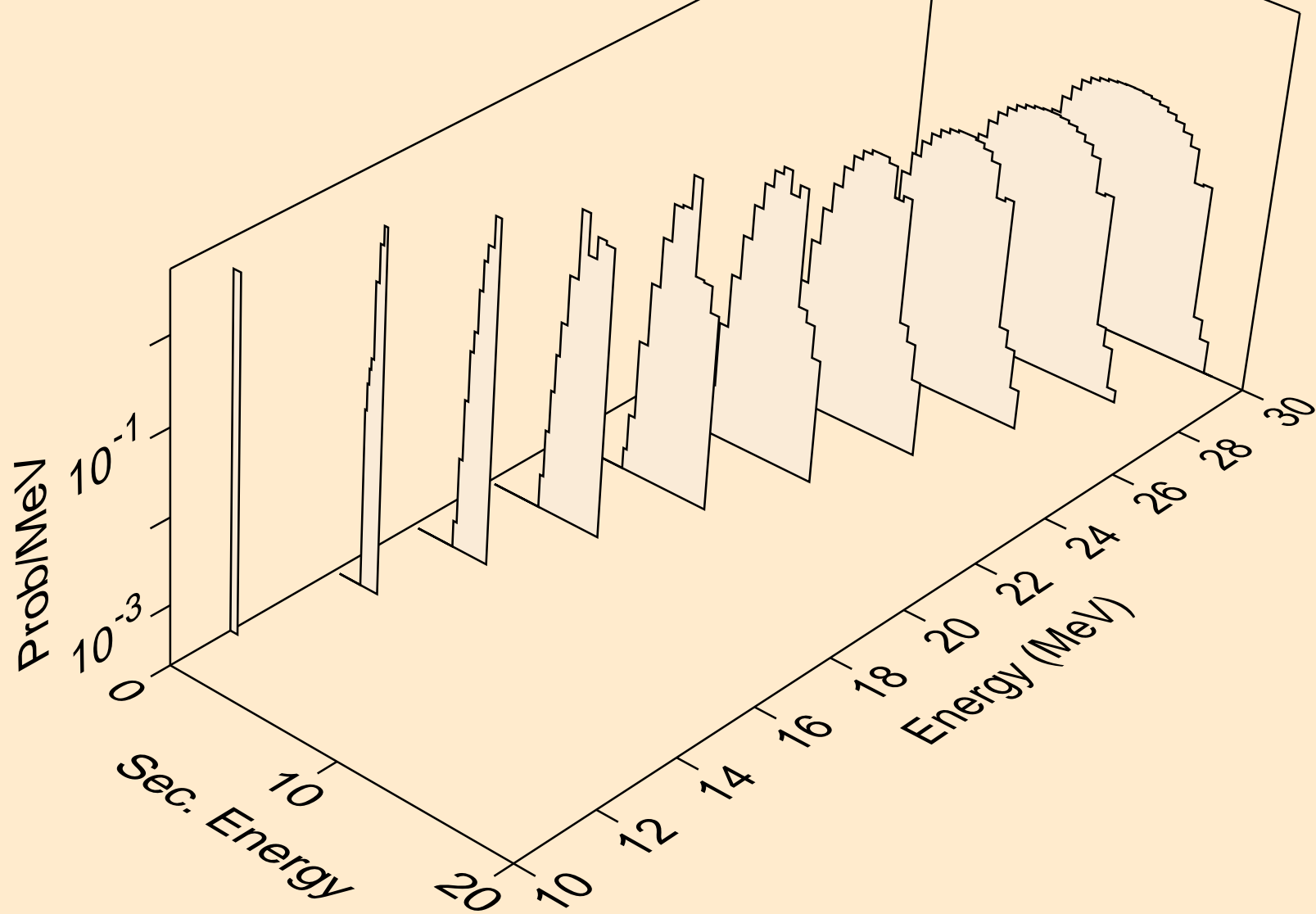
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



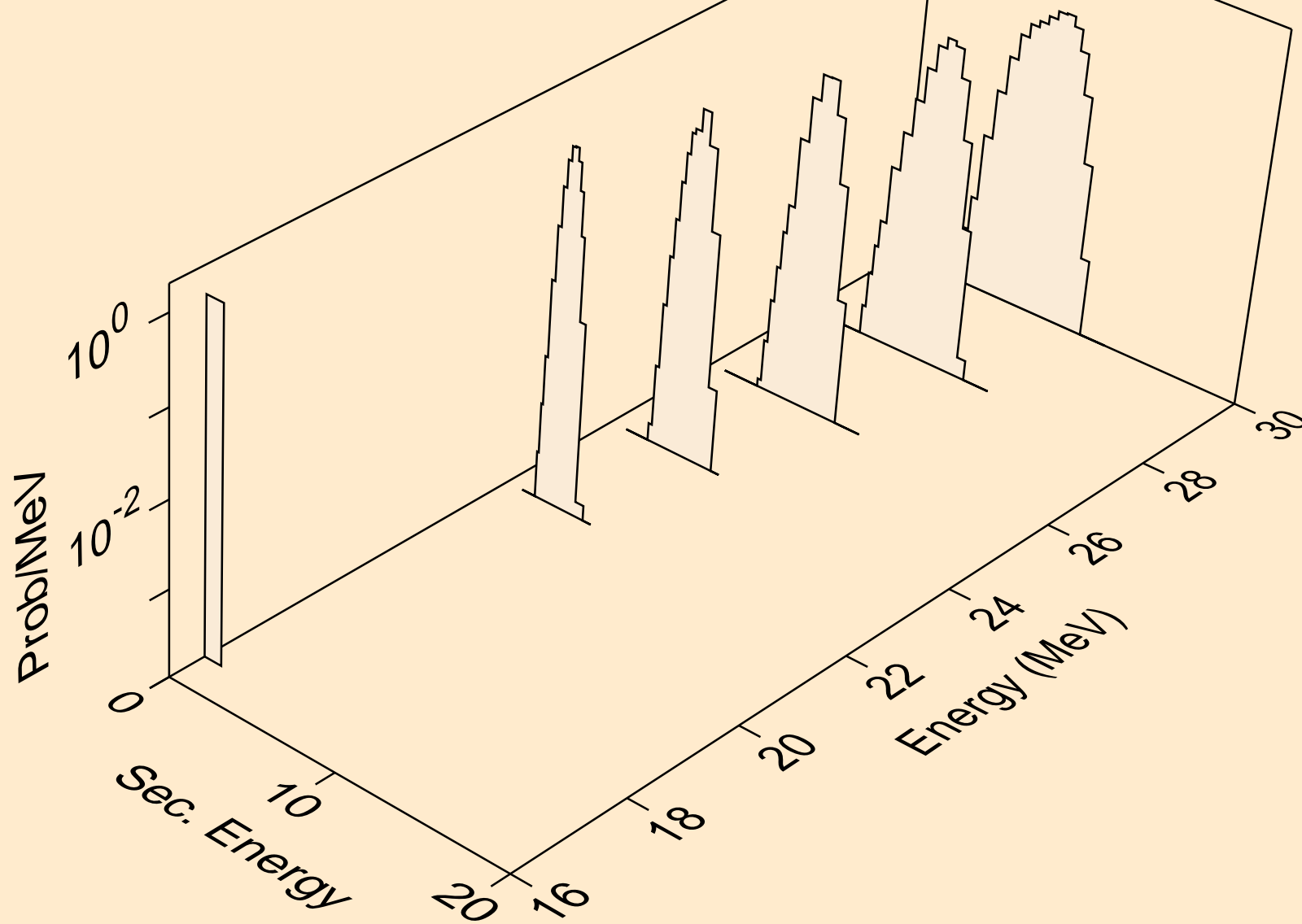
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



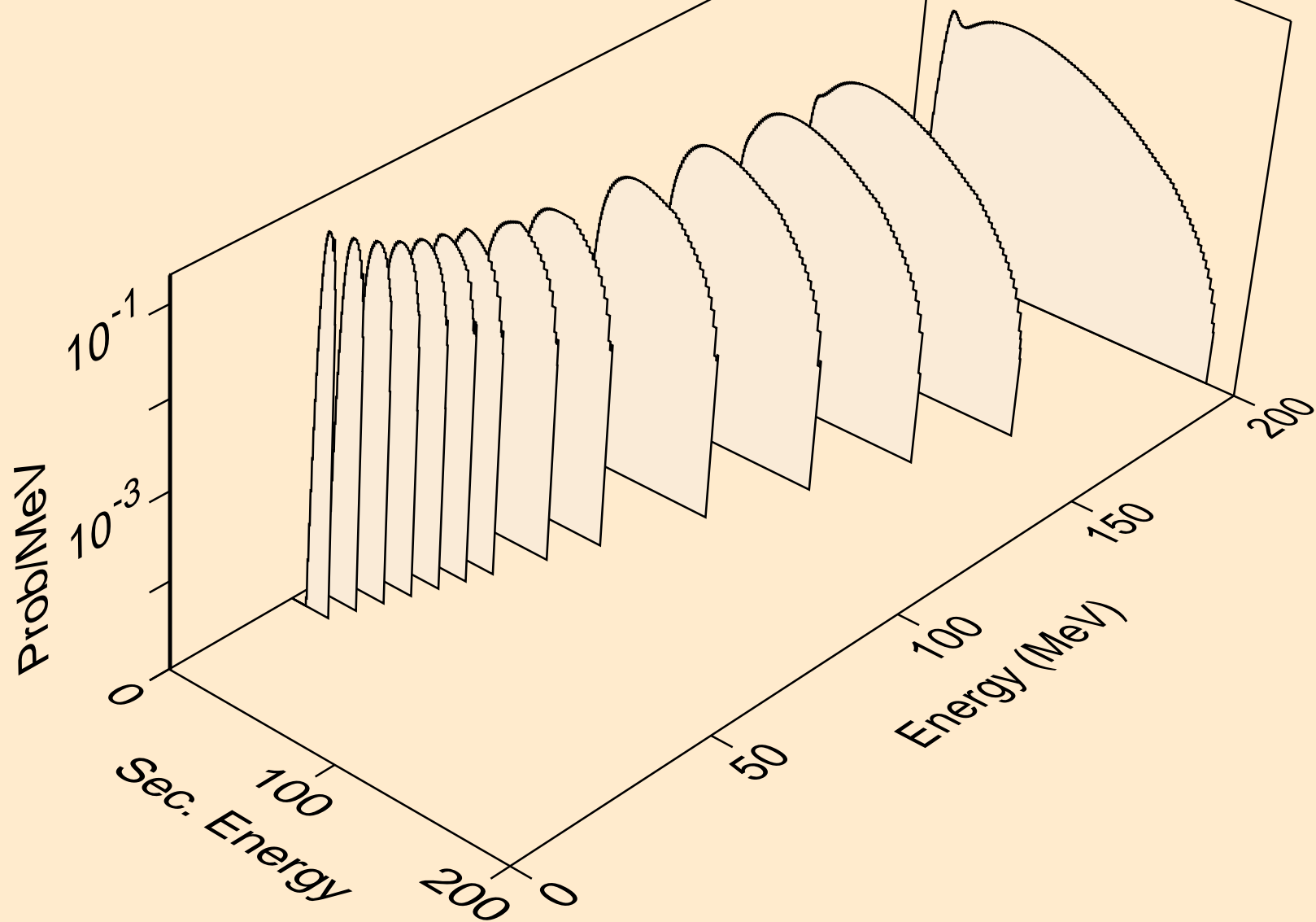
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



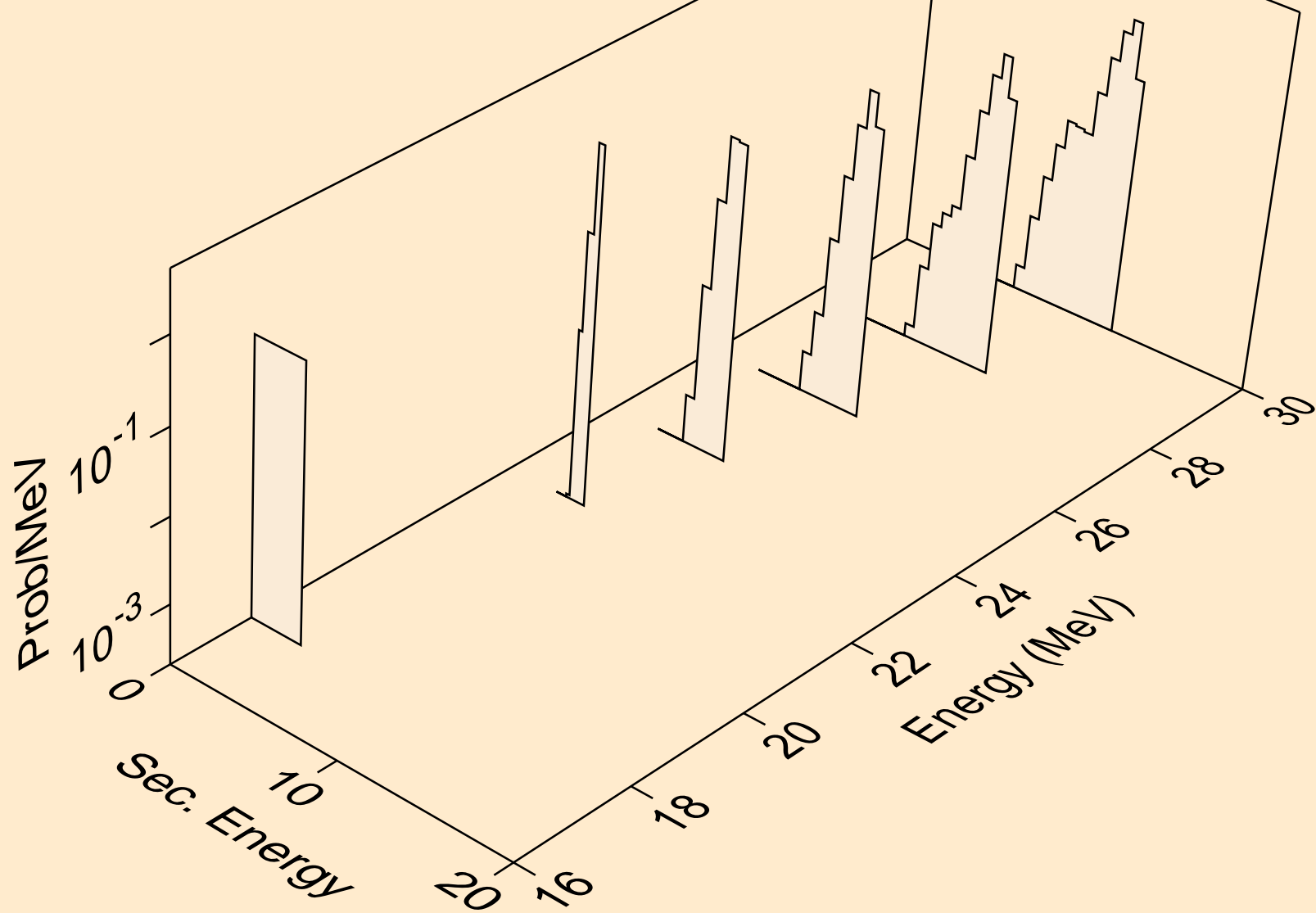
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



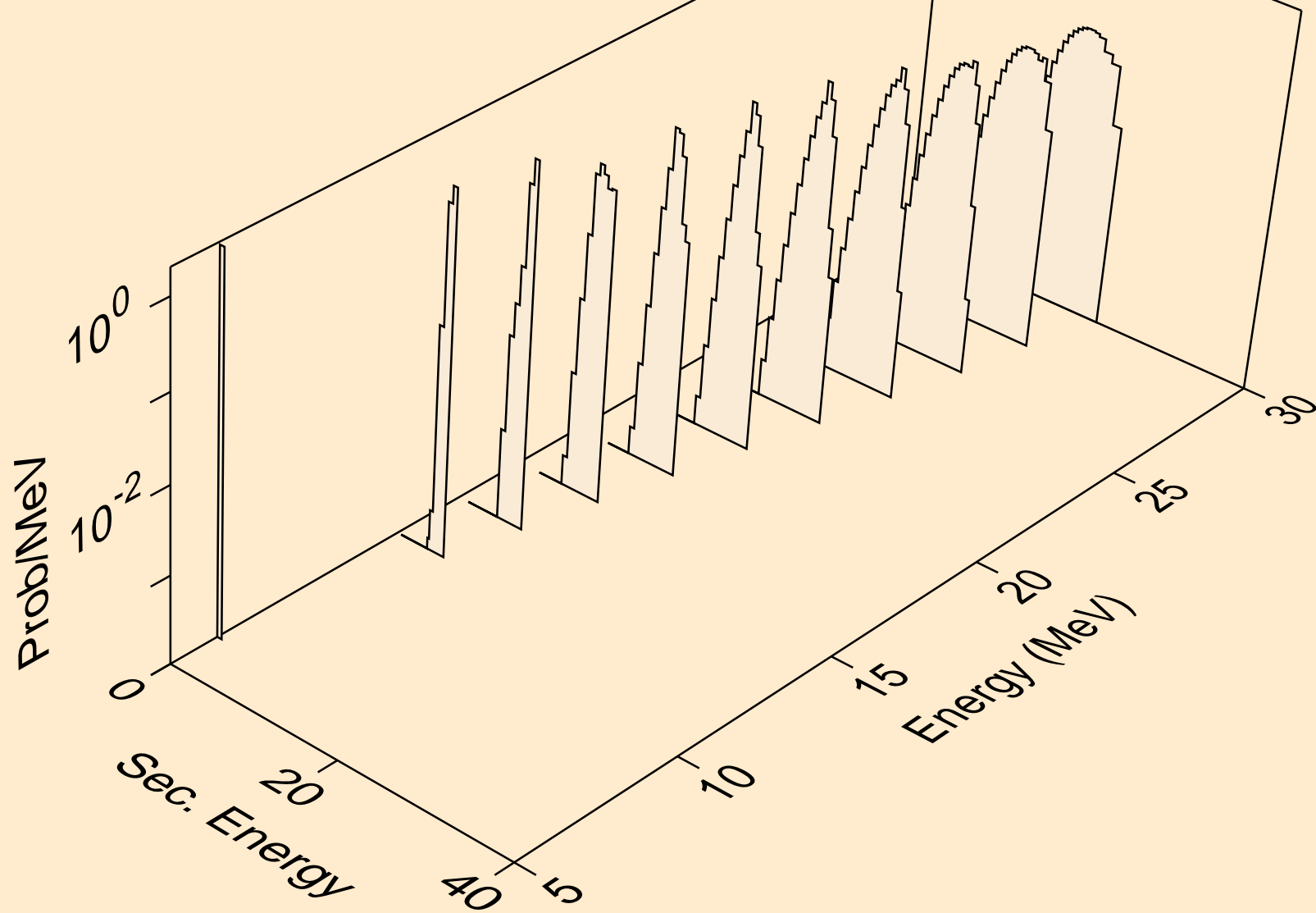
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



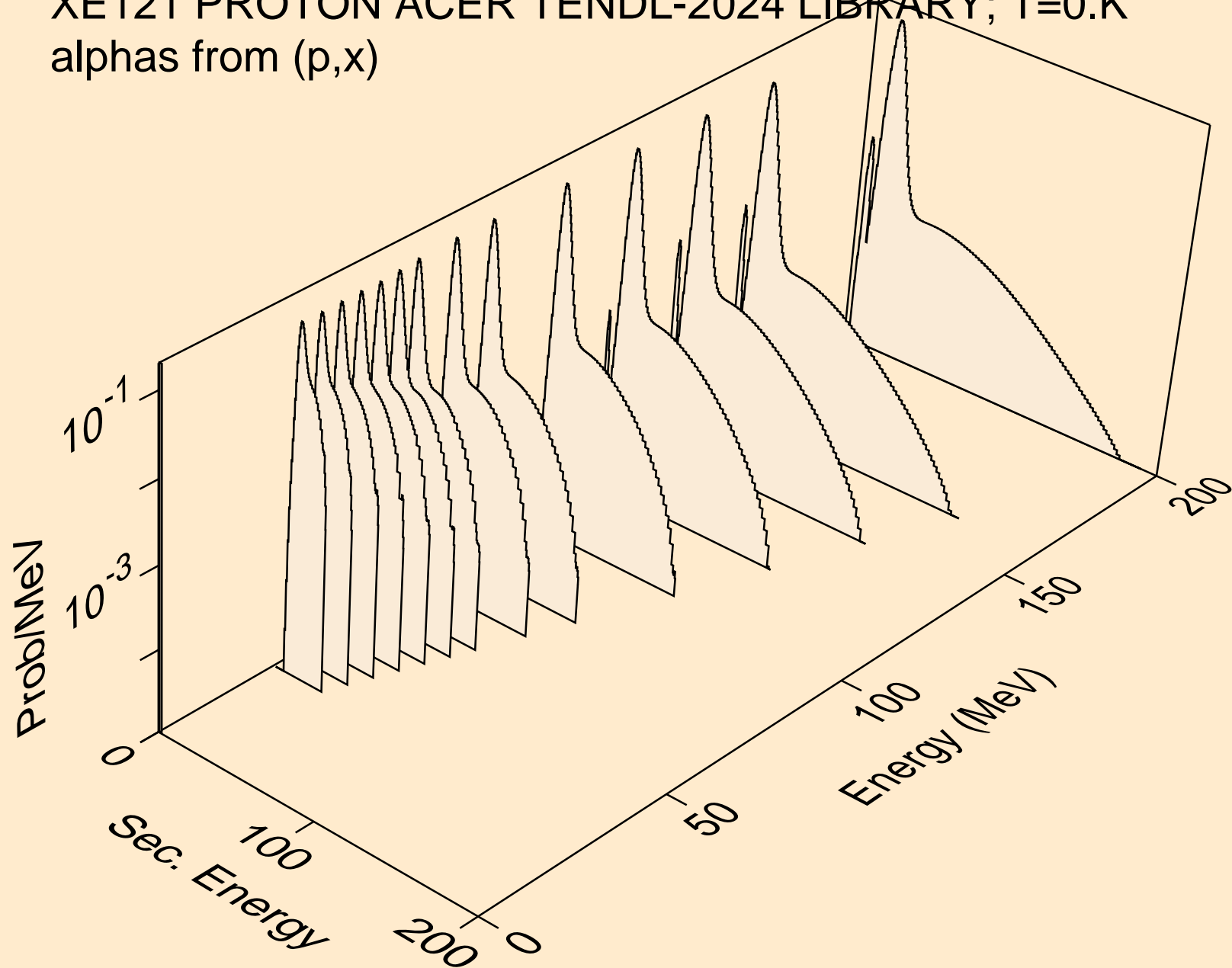
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



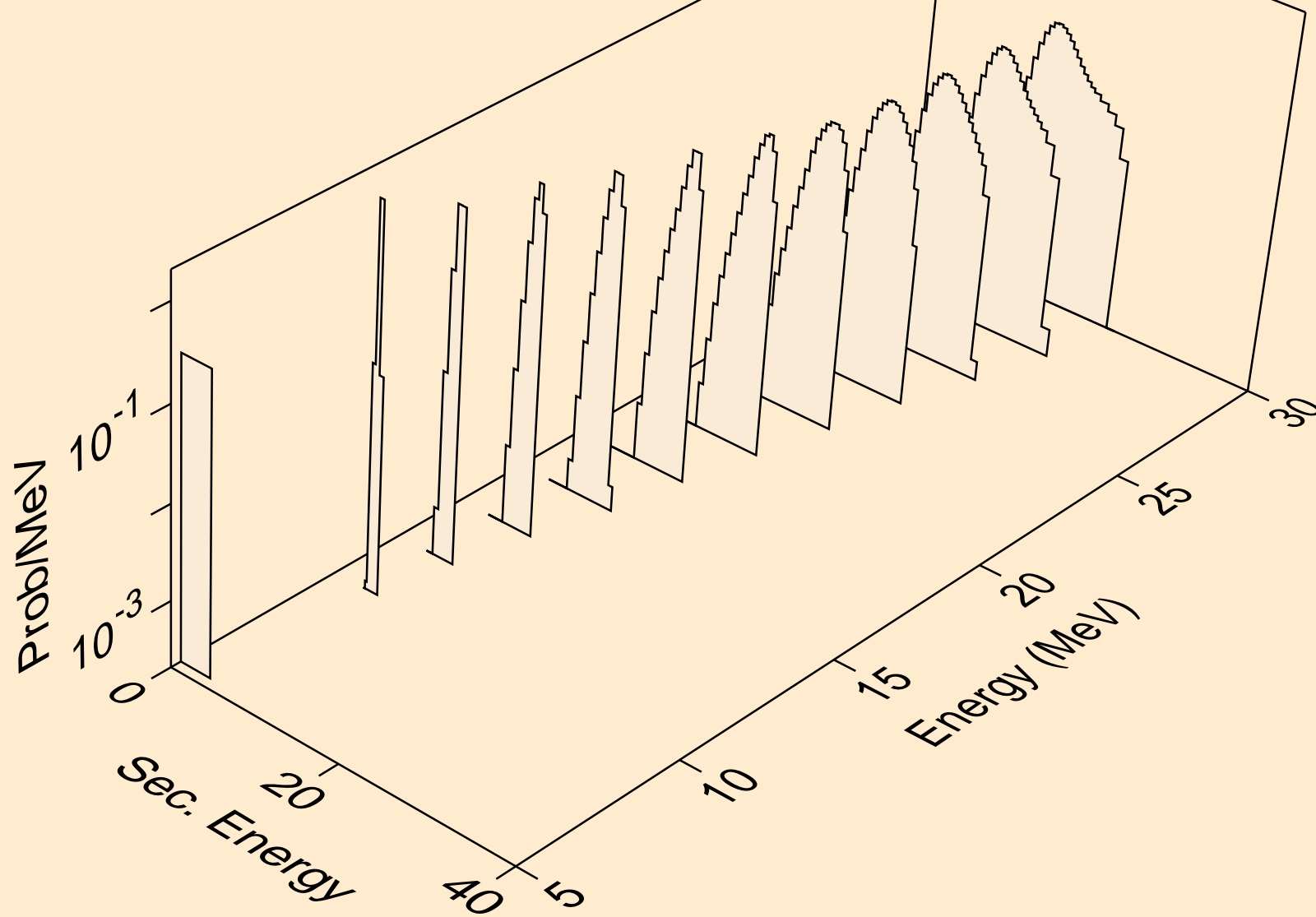
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



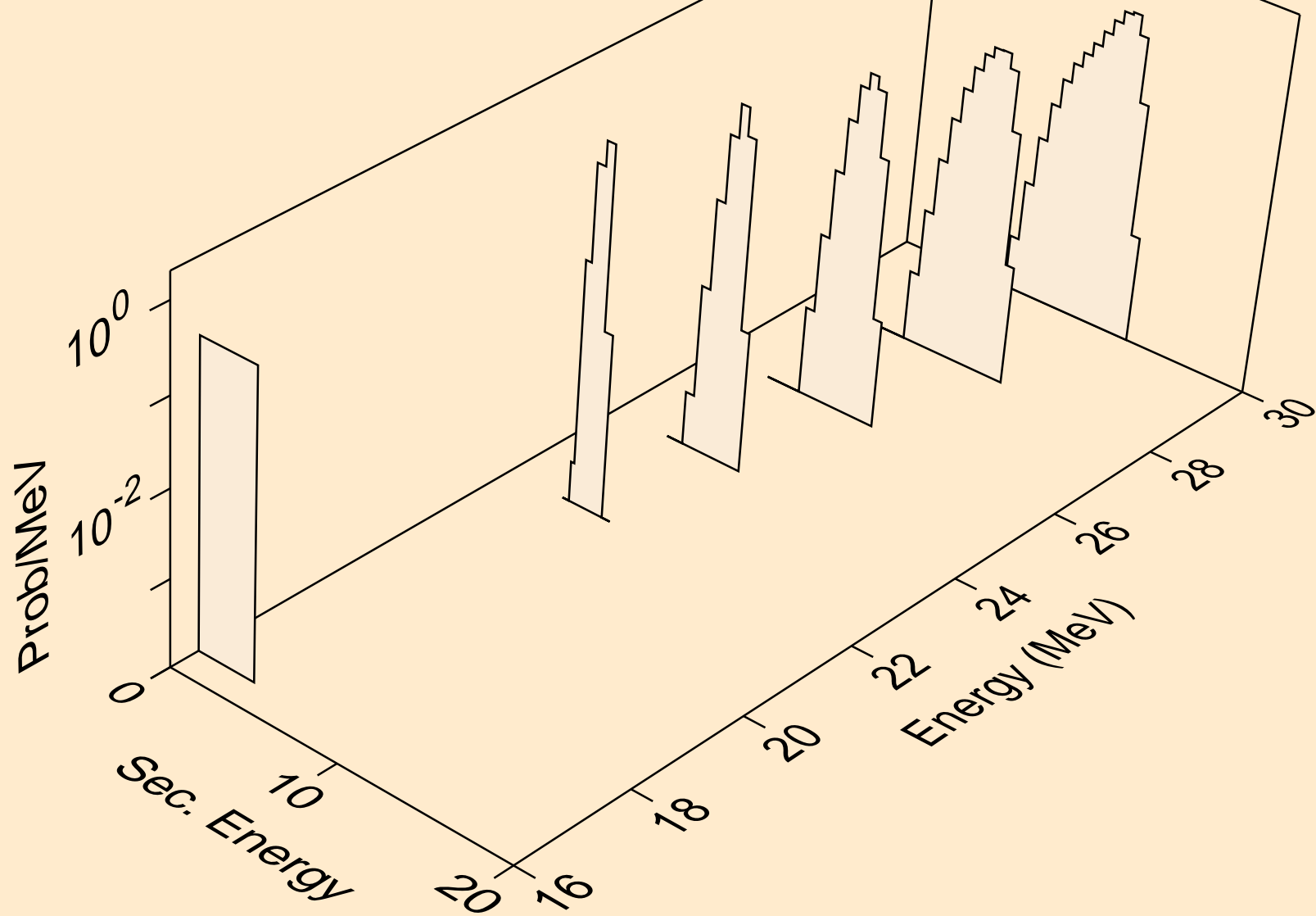
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



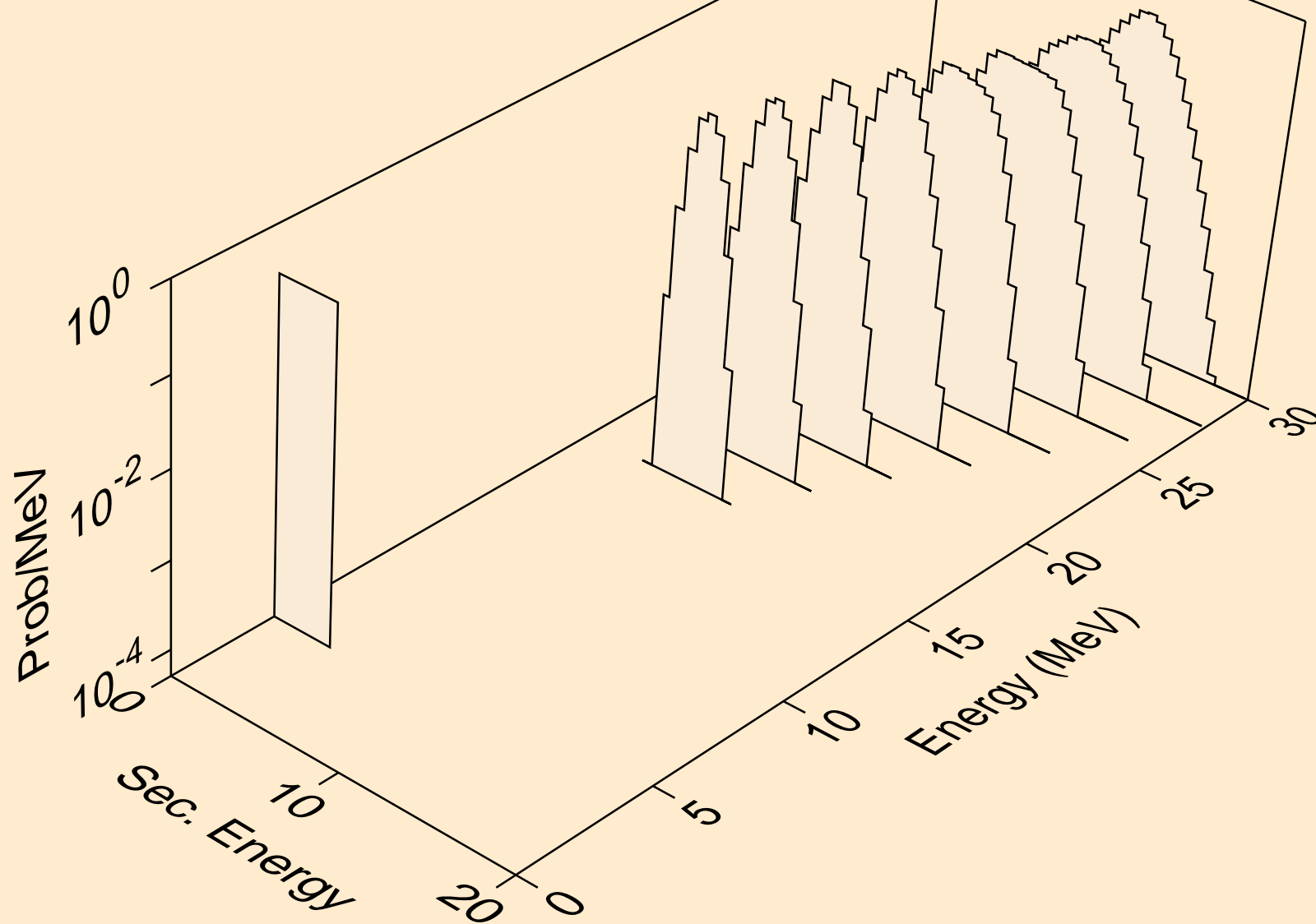
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



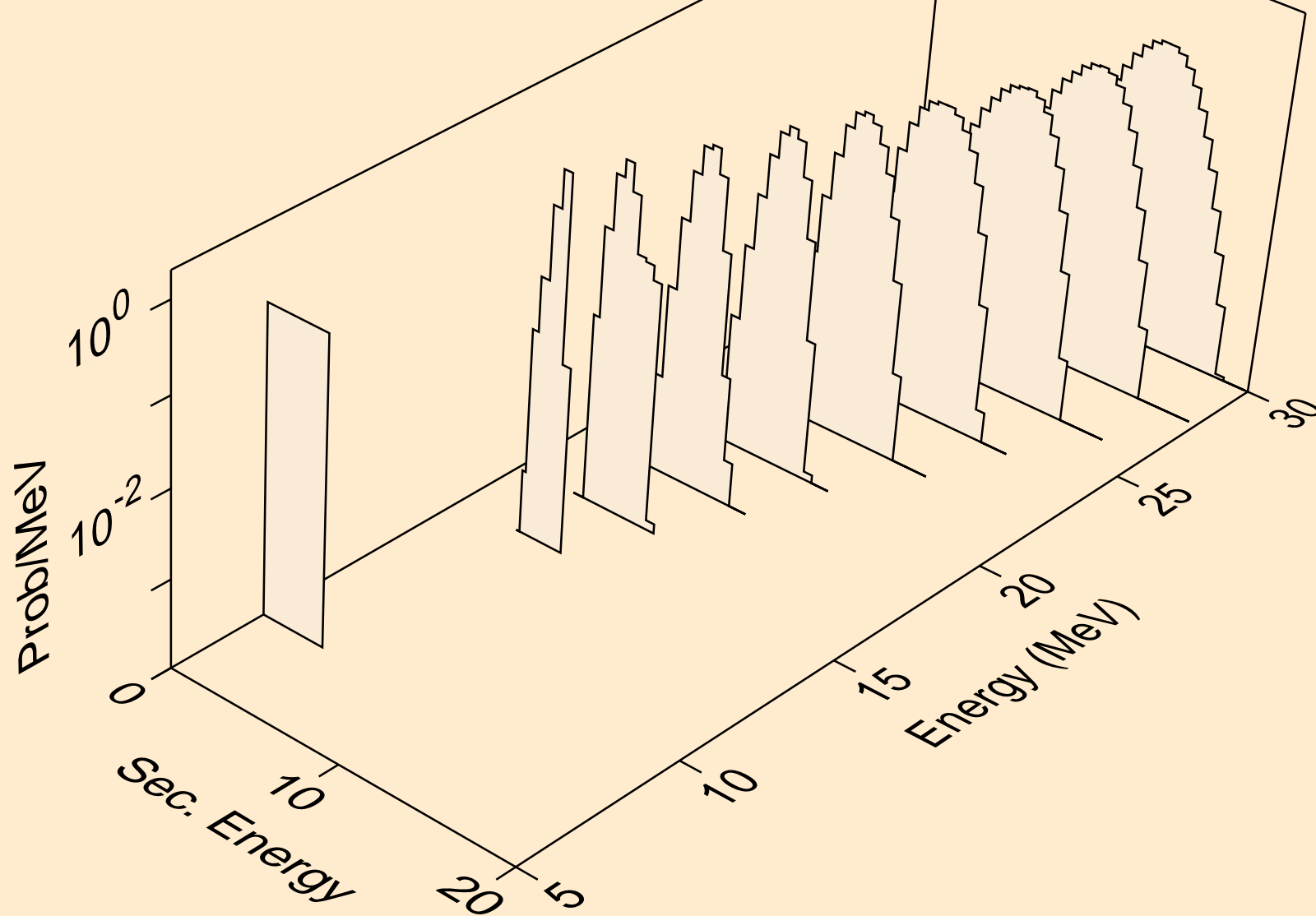
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



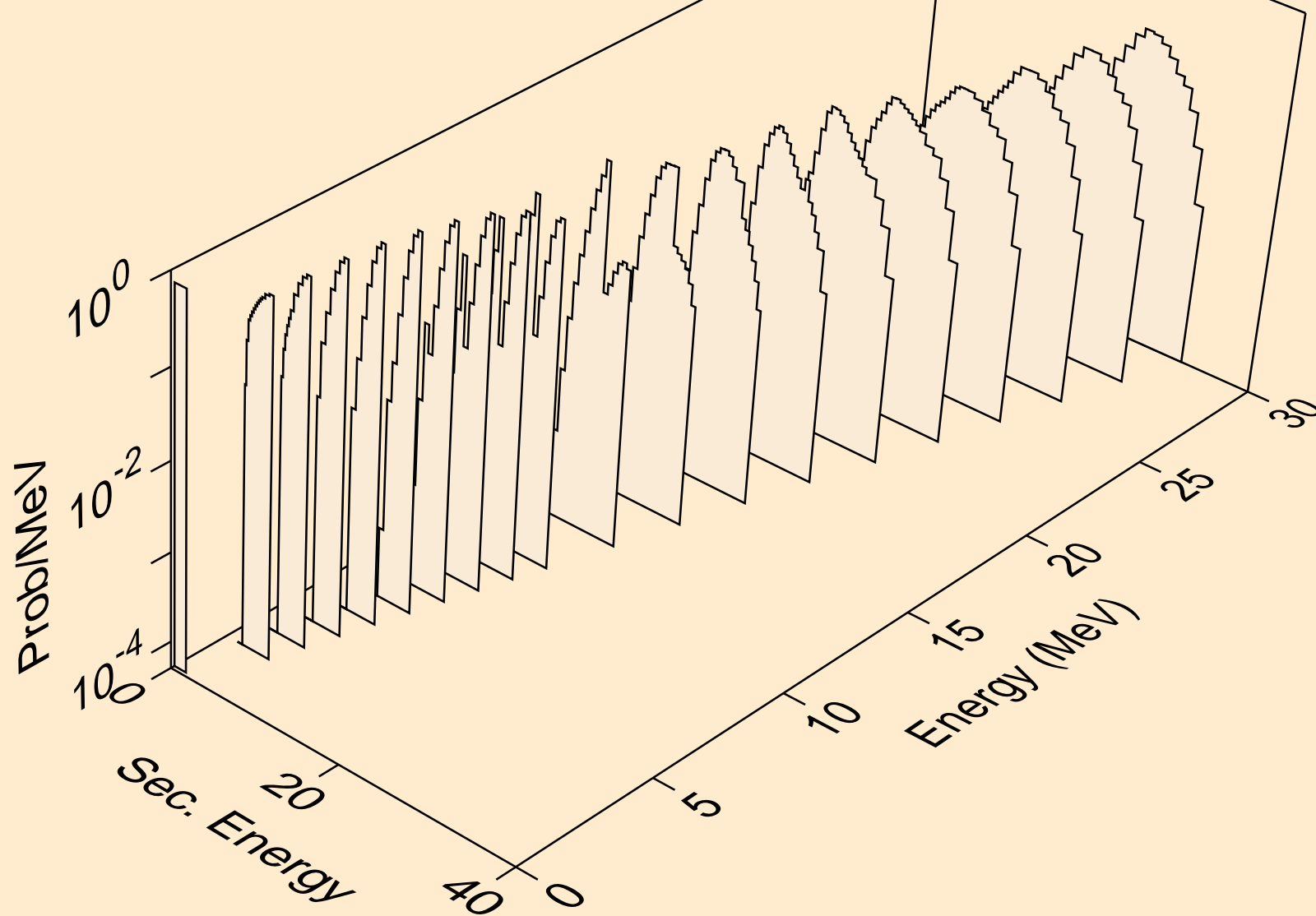
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



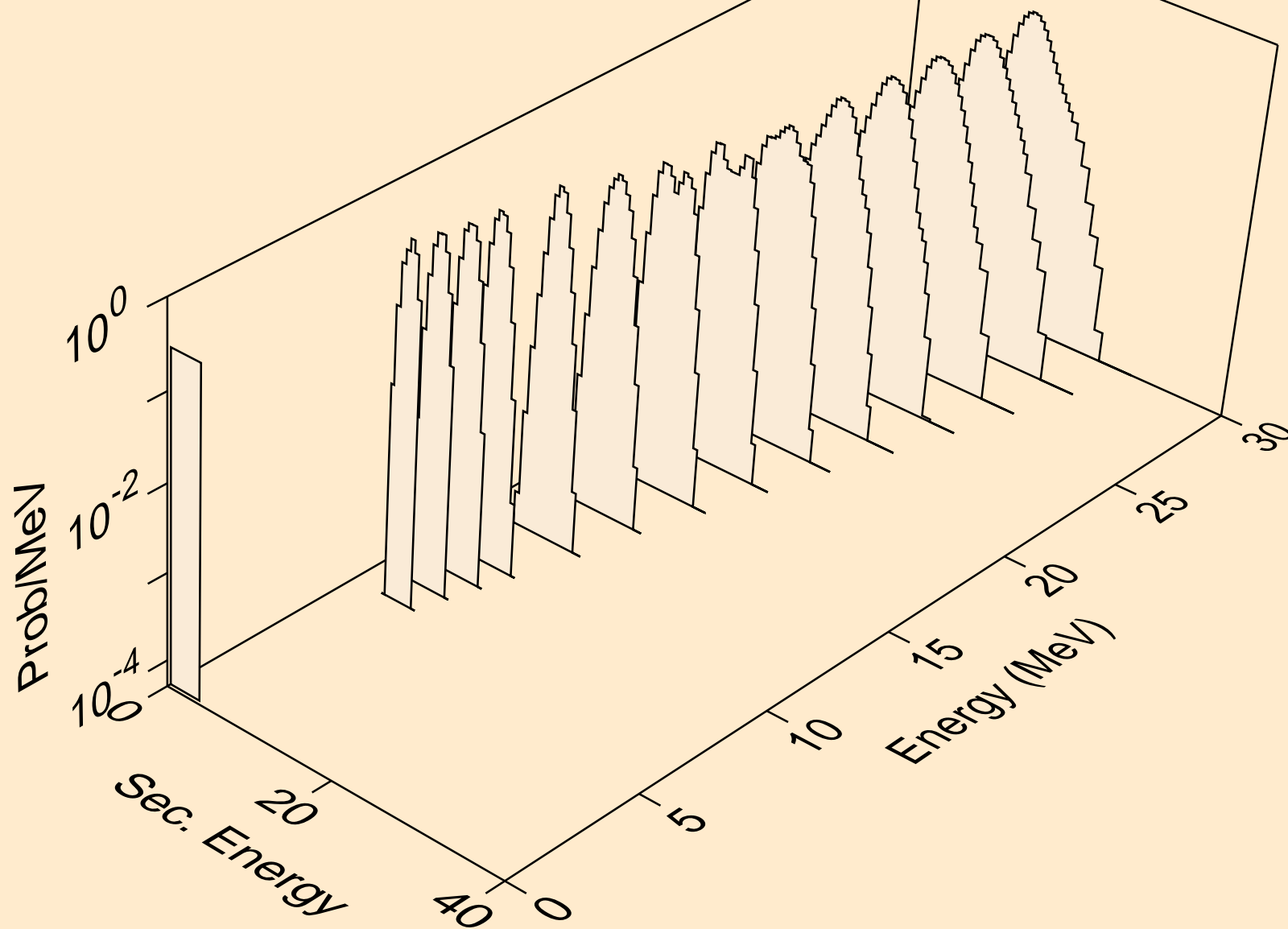
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



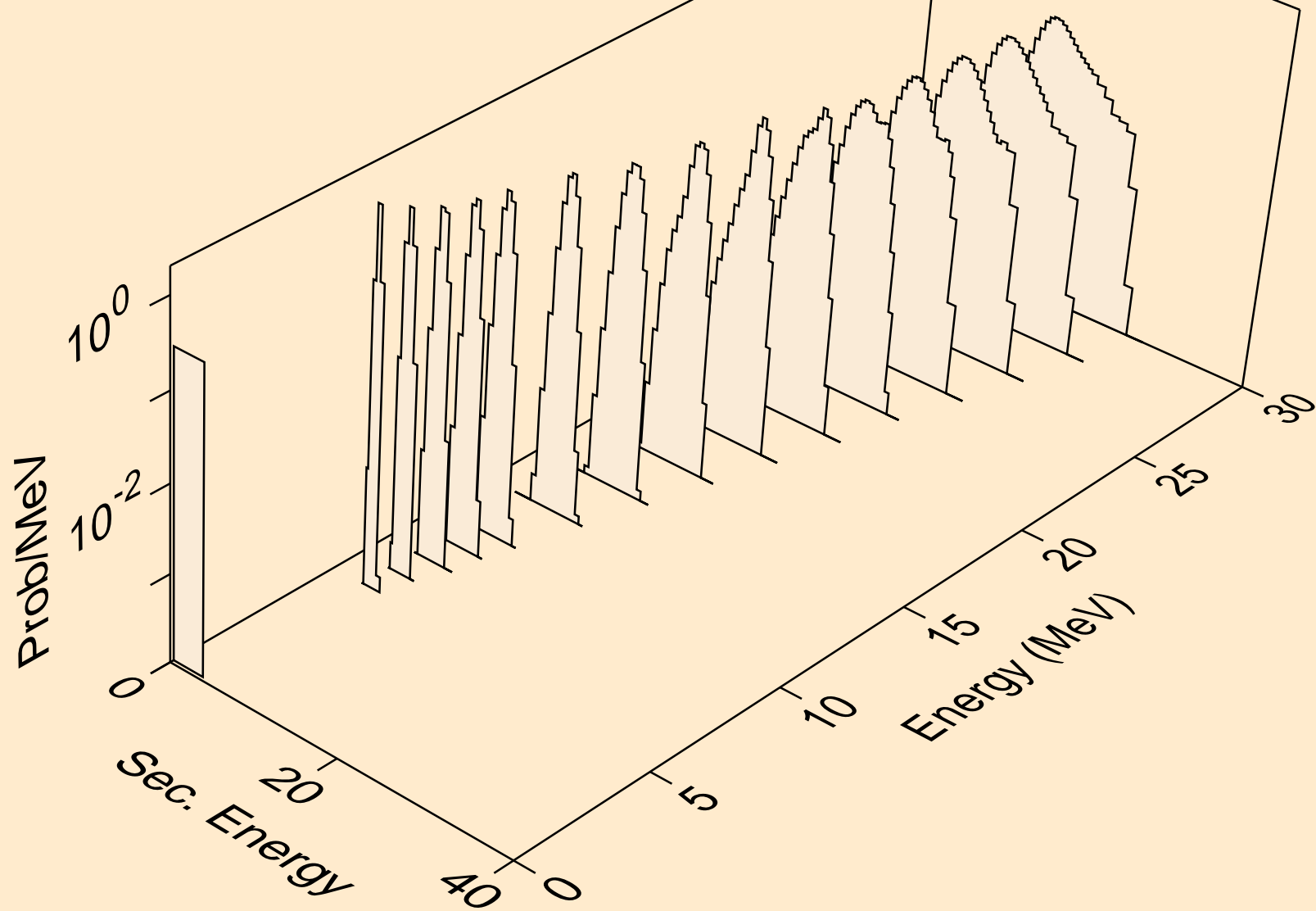
XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



XE121 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

