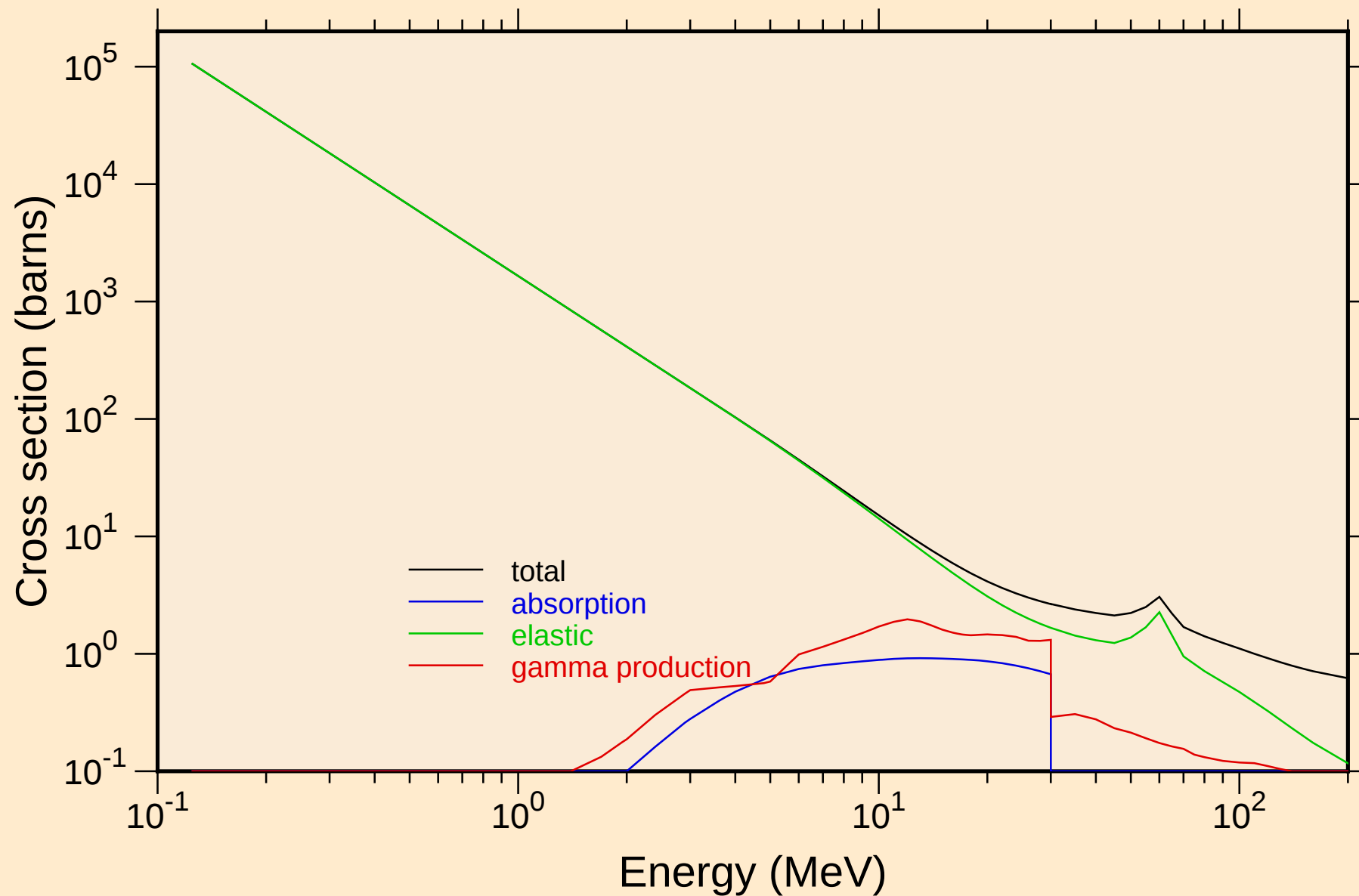


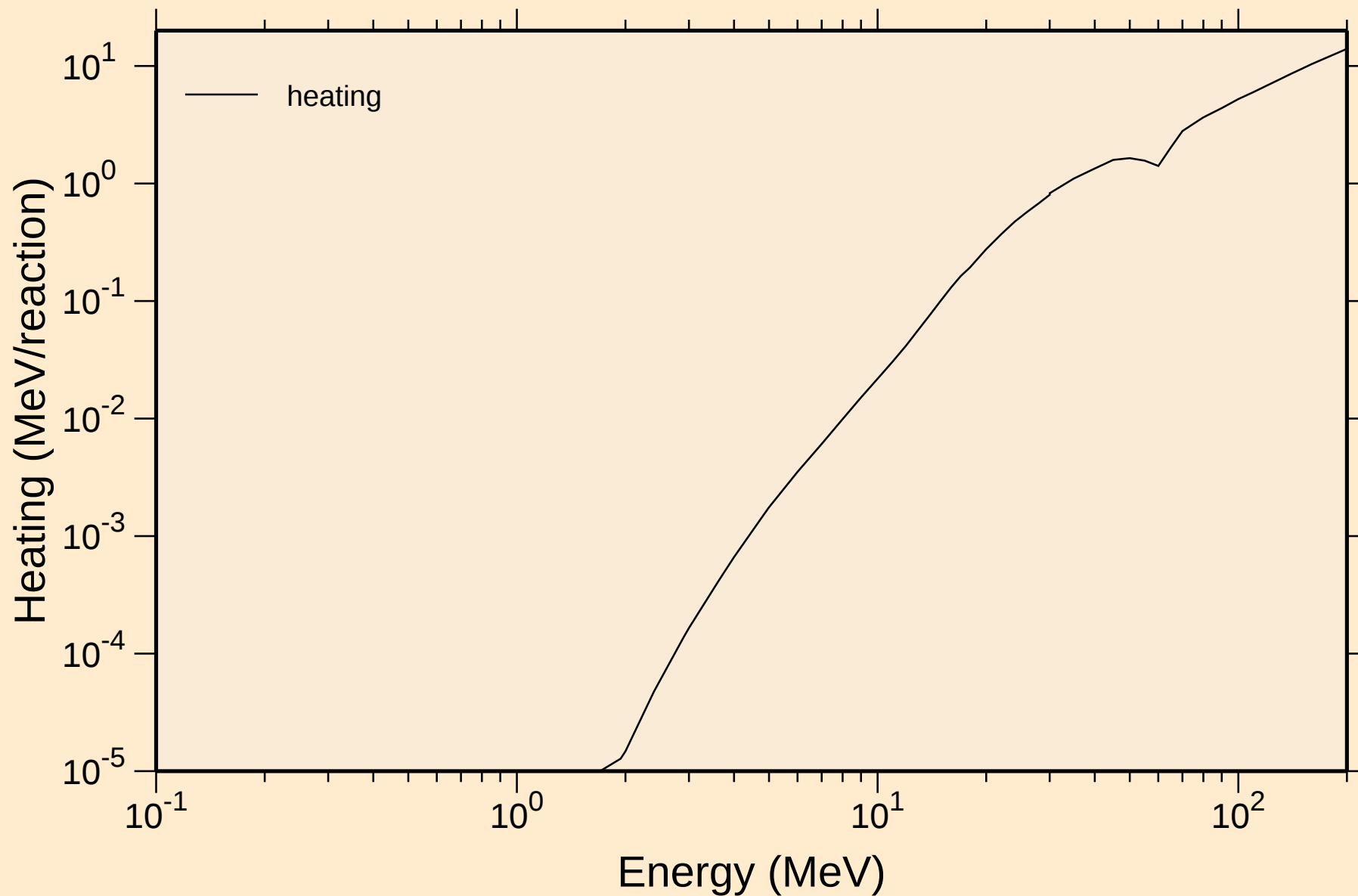
# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



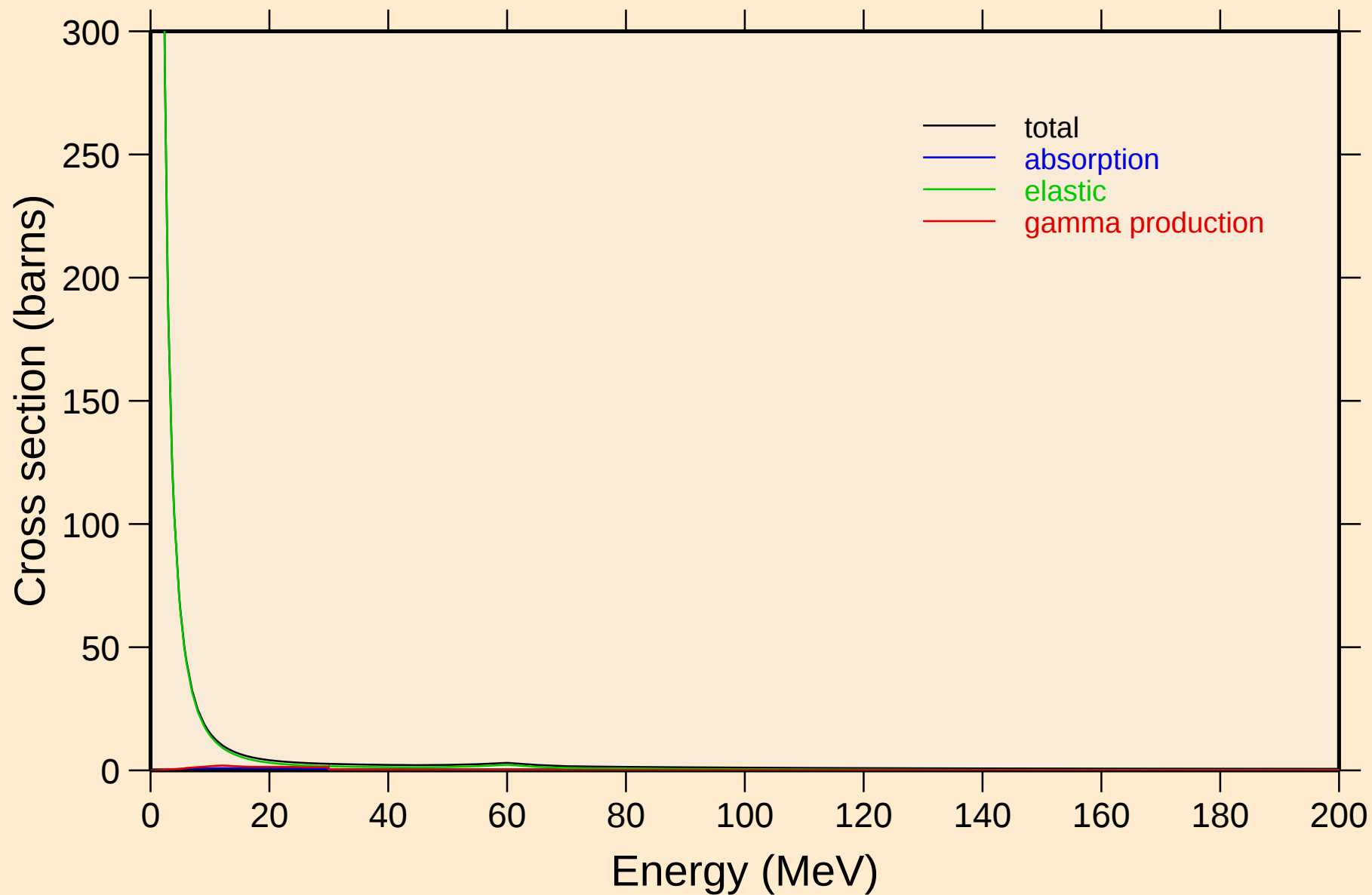
# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



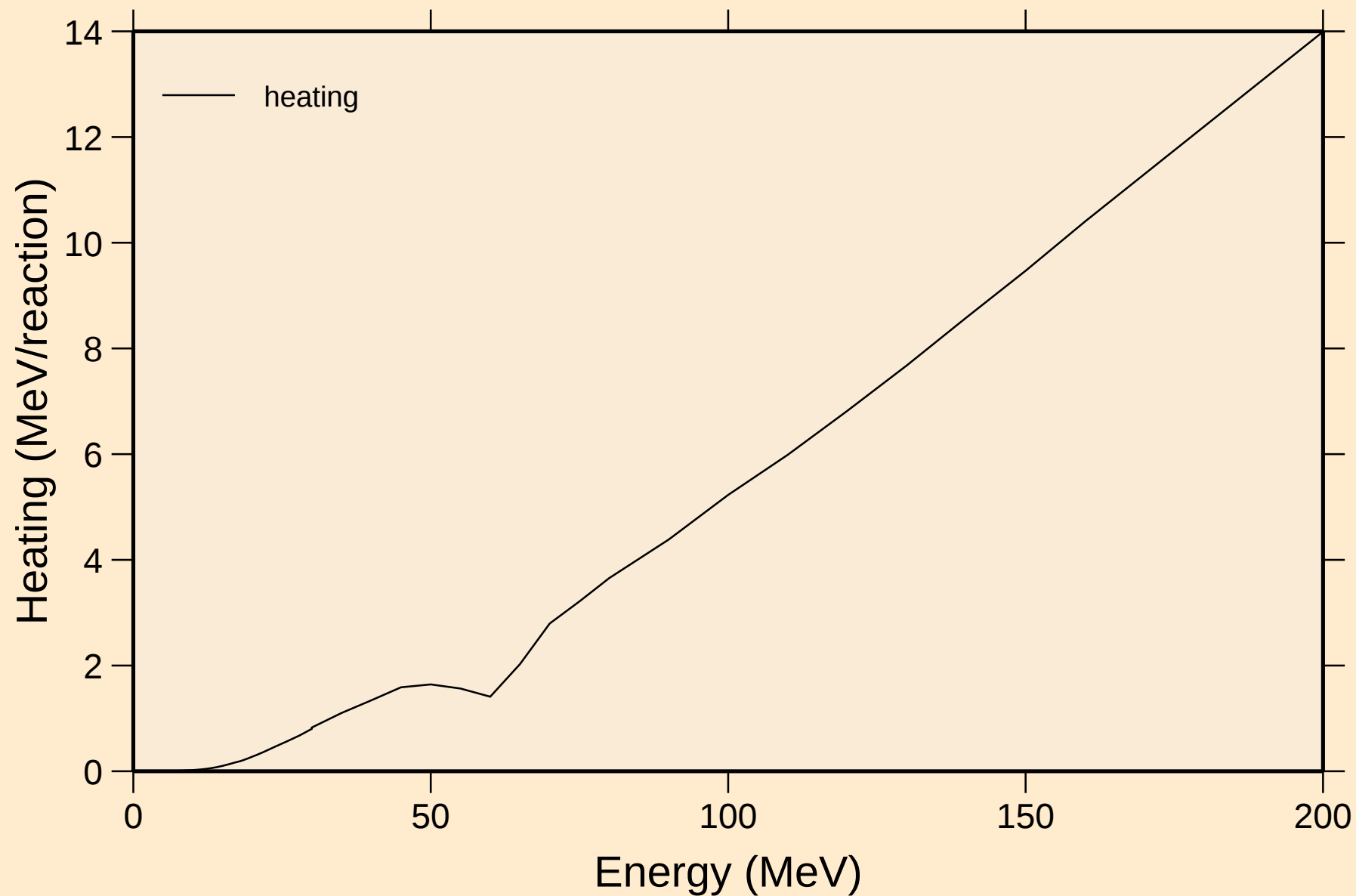
# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



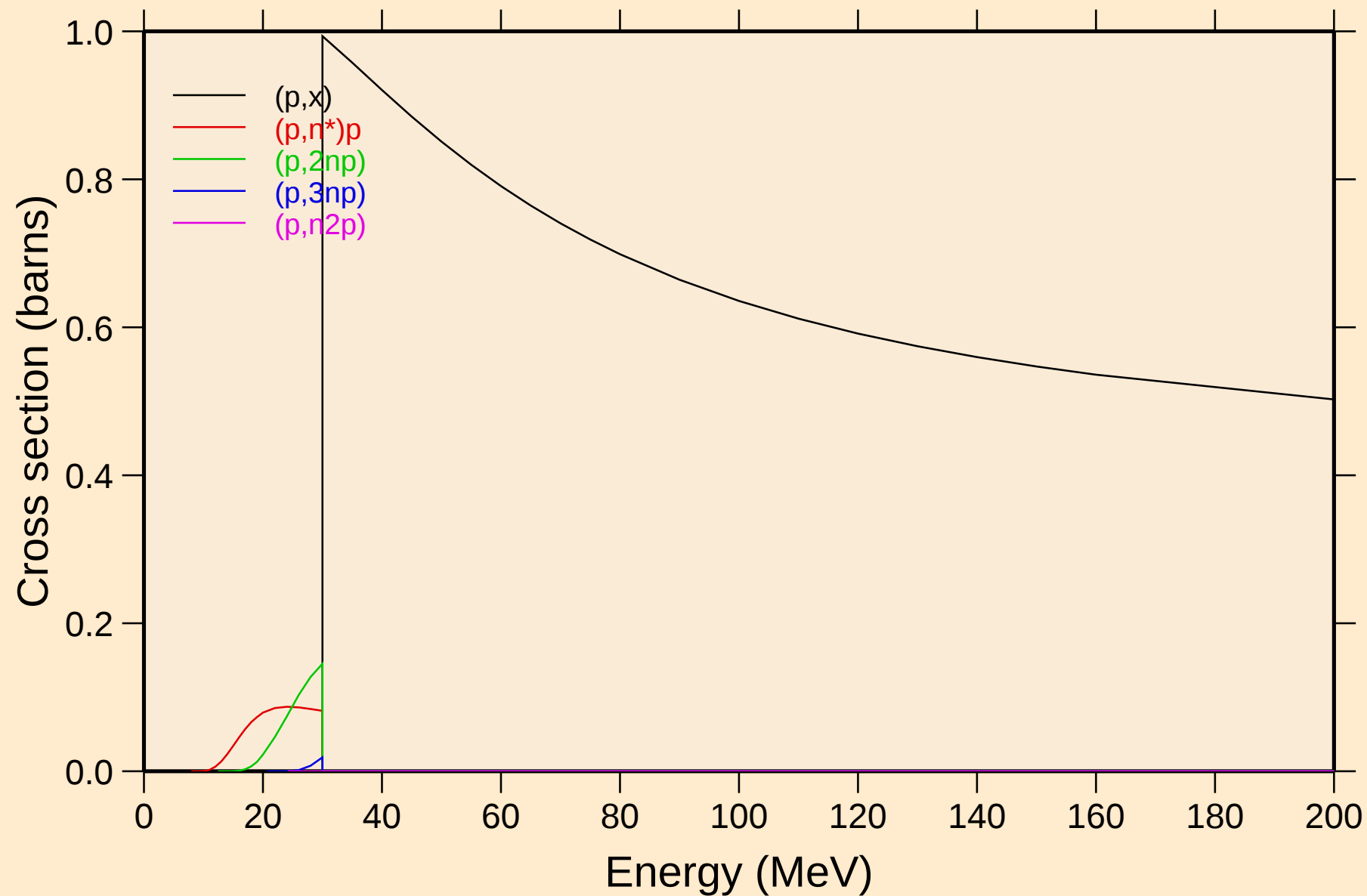
# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating

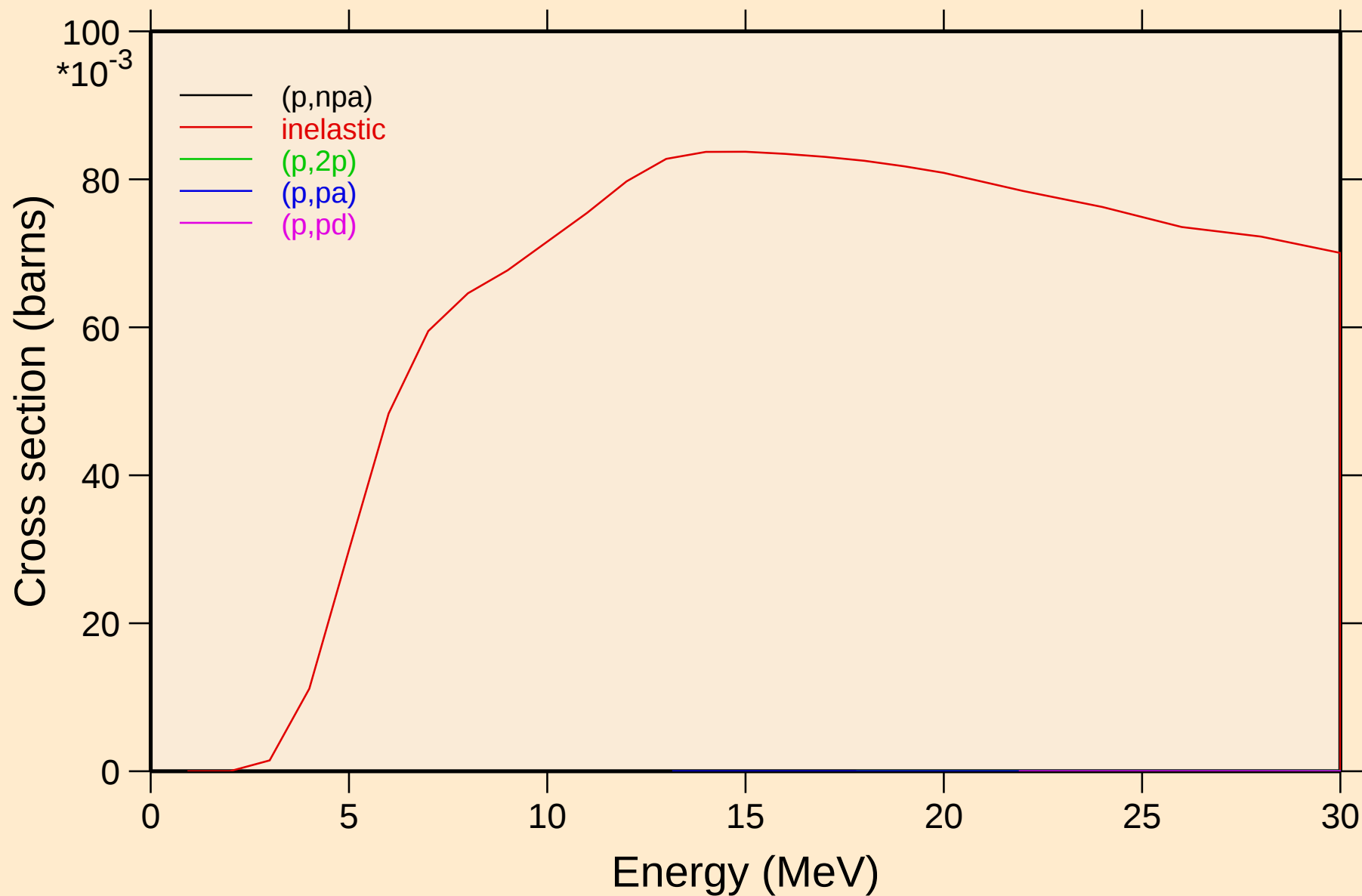


# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

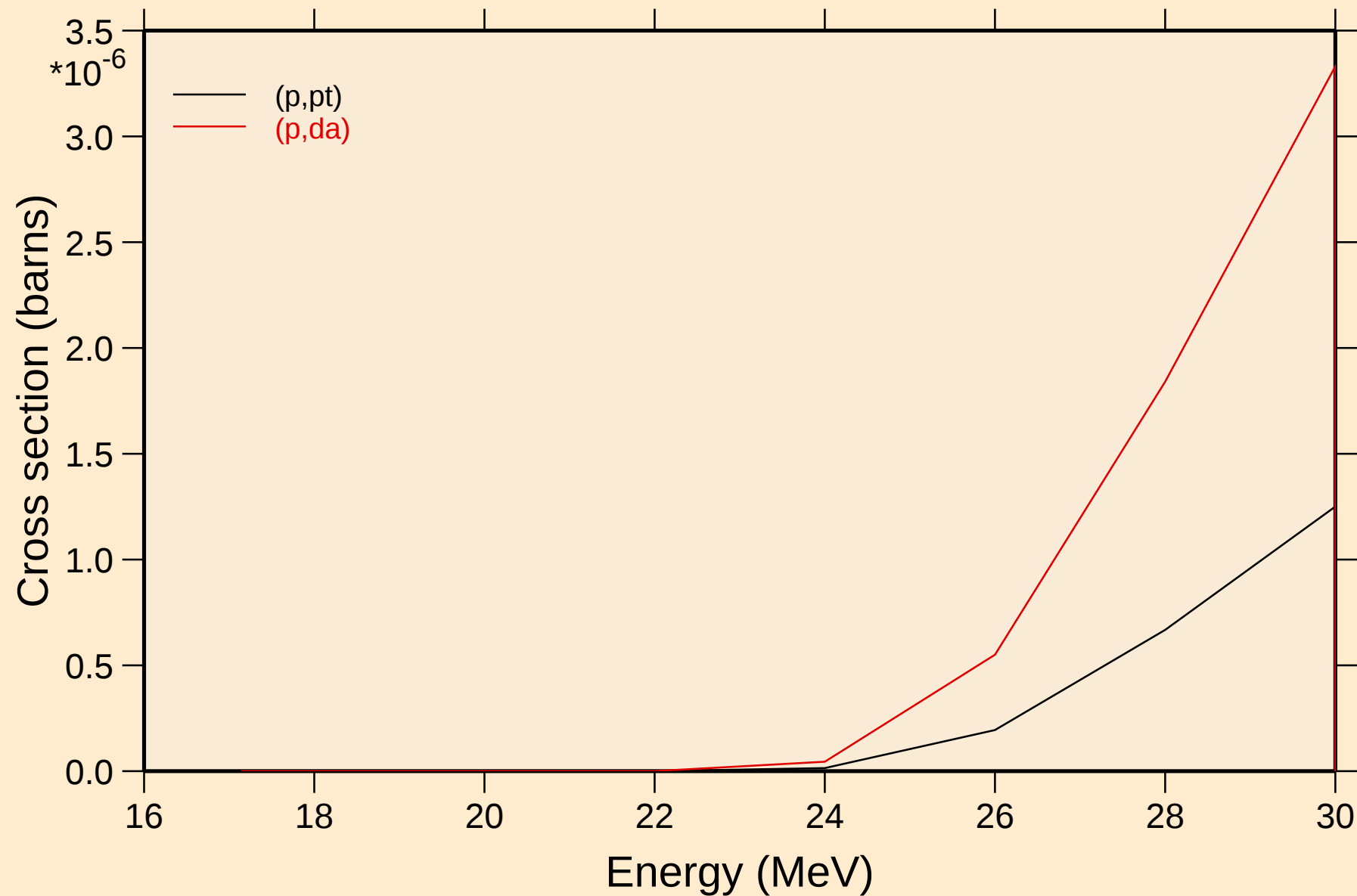
Threshold reactions



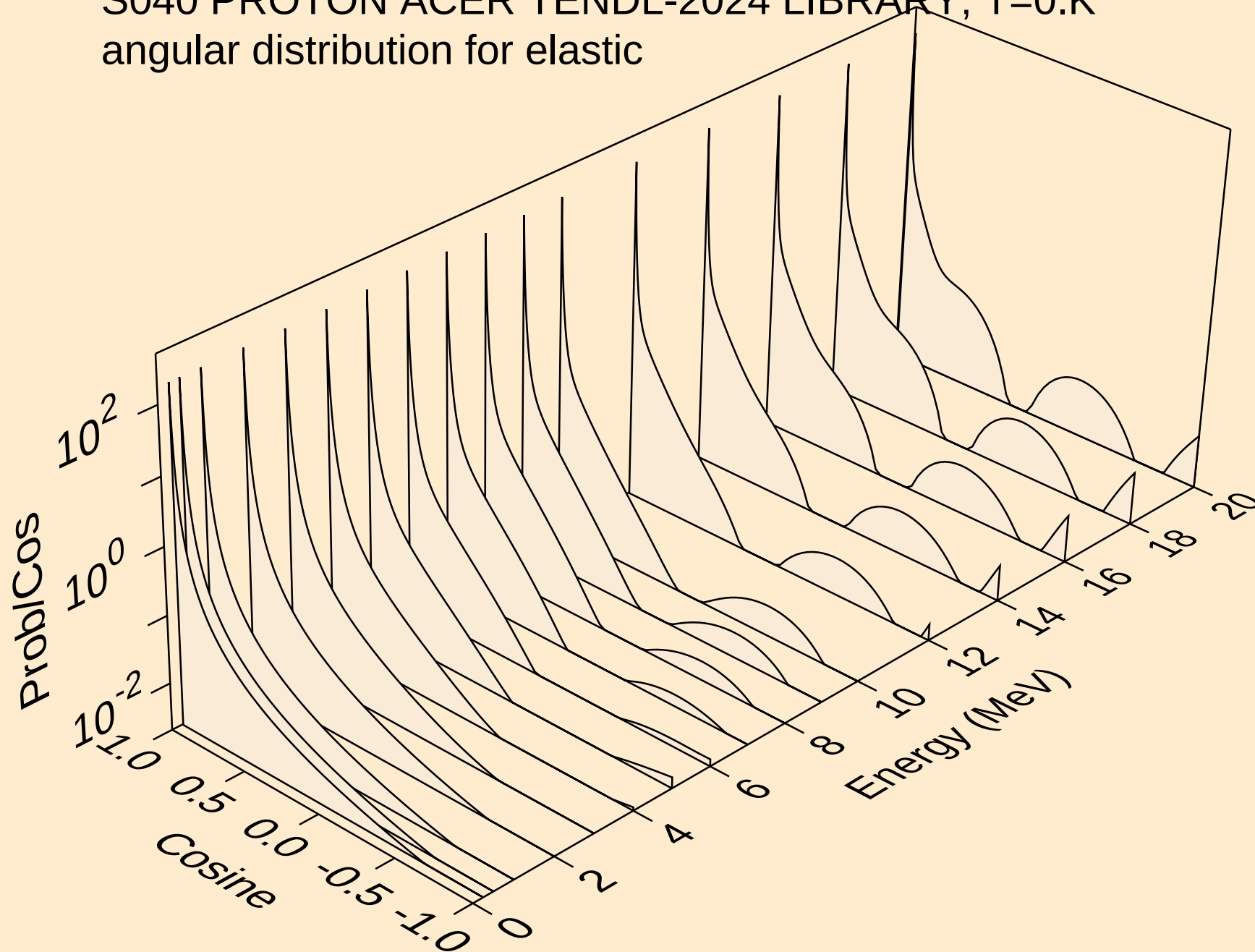
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



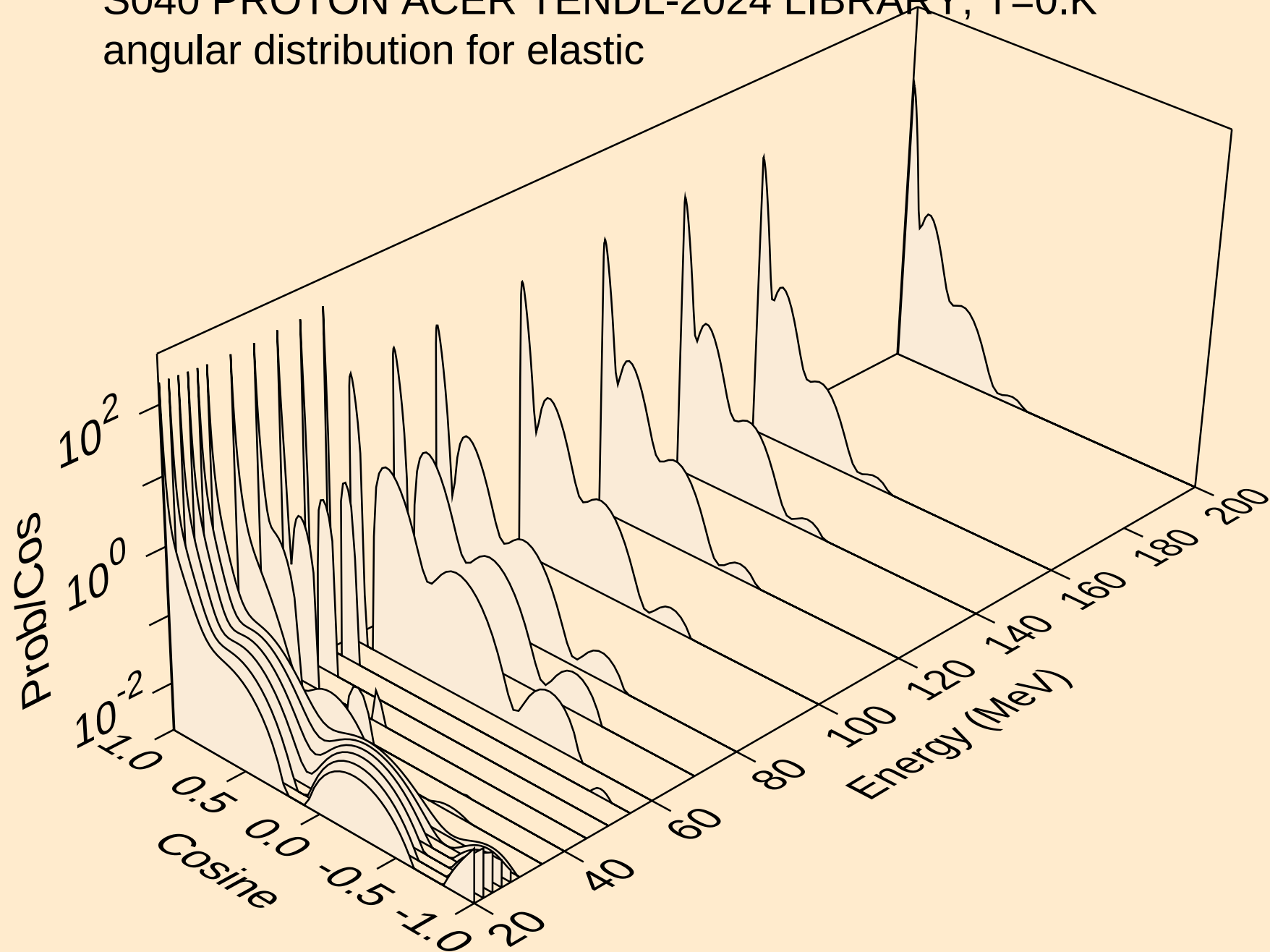
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



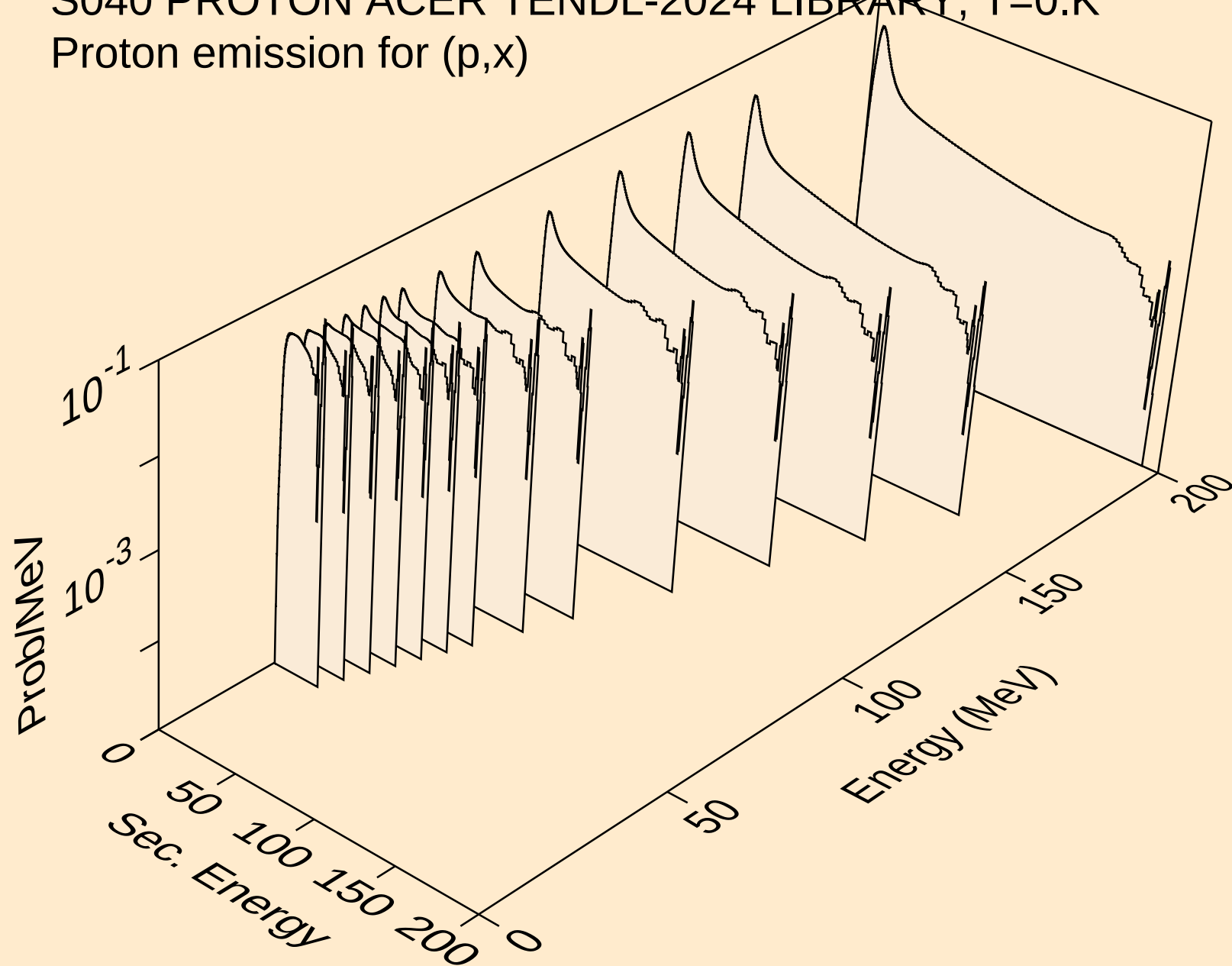
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



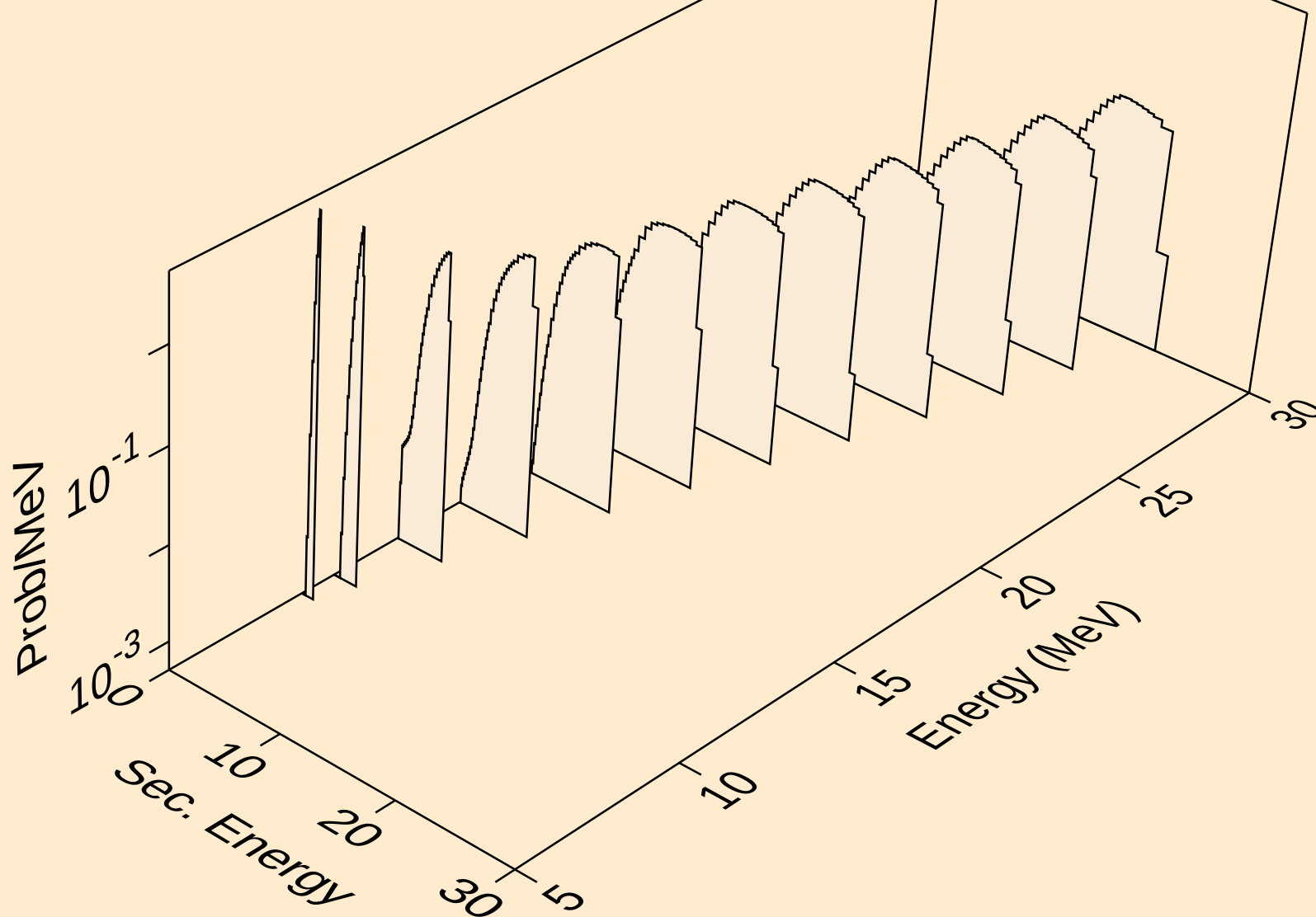
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



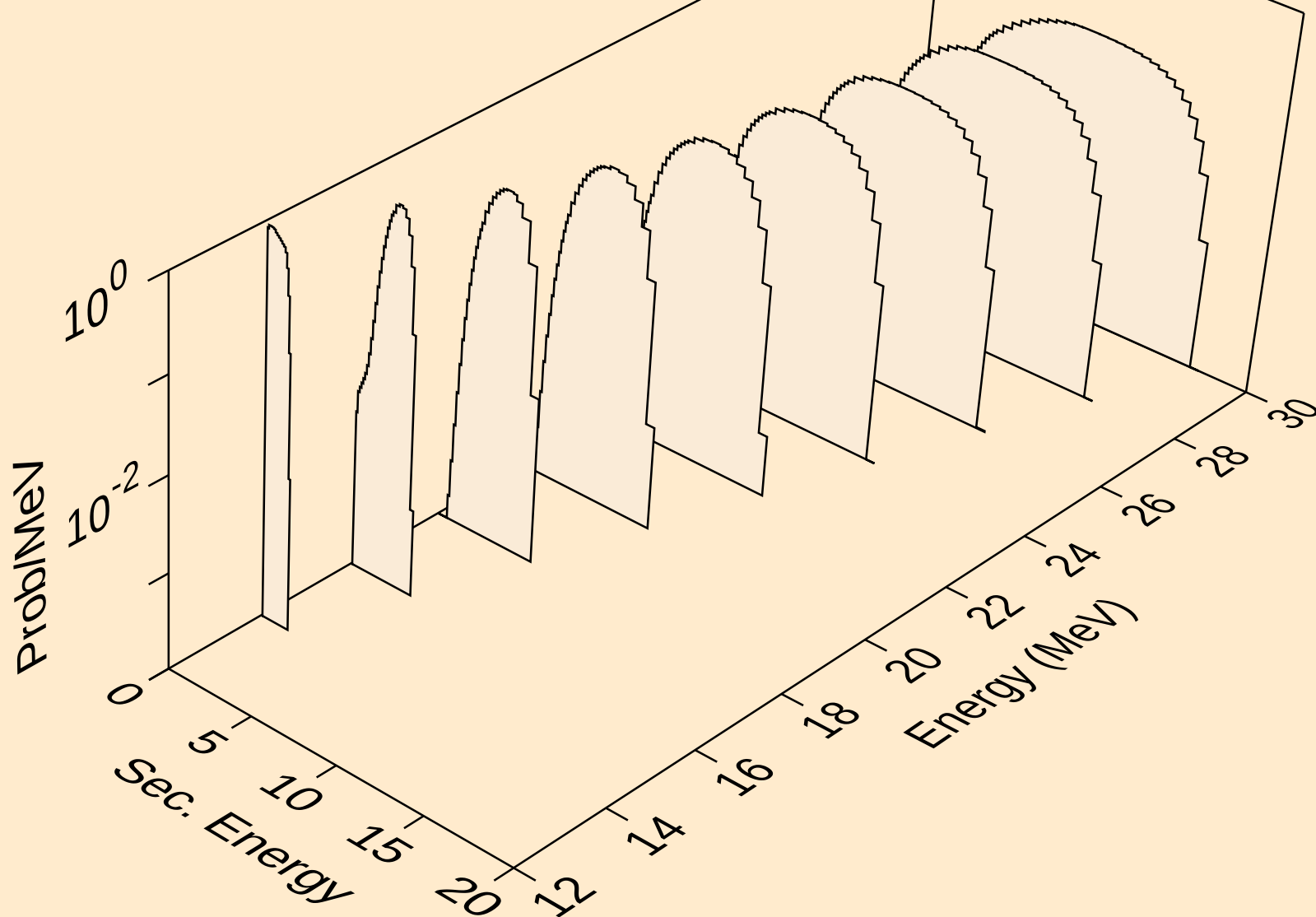
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



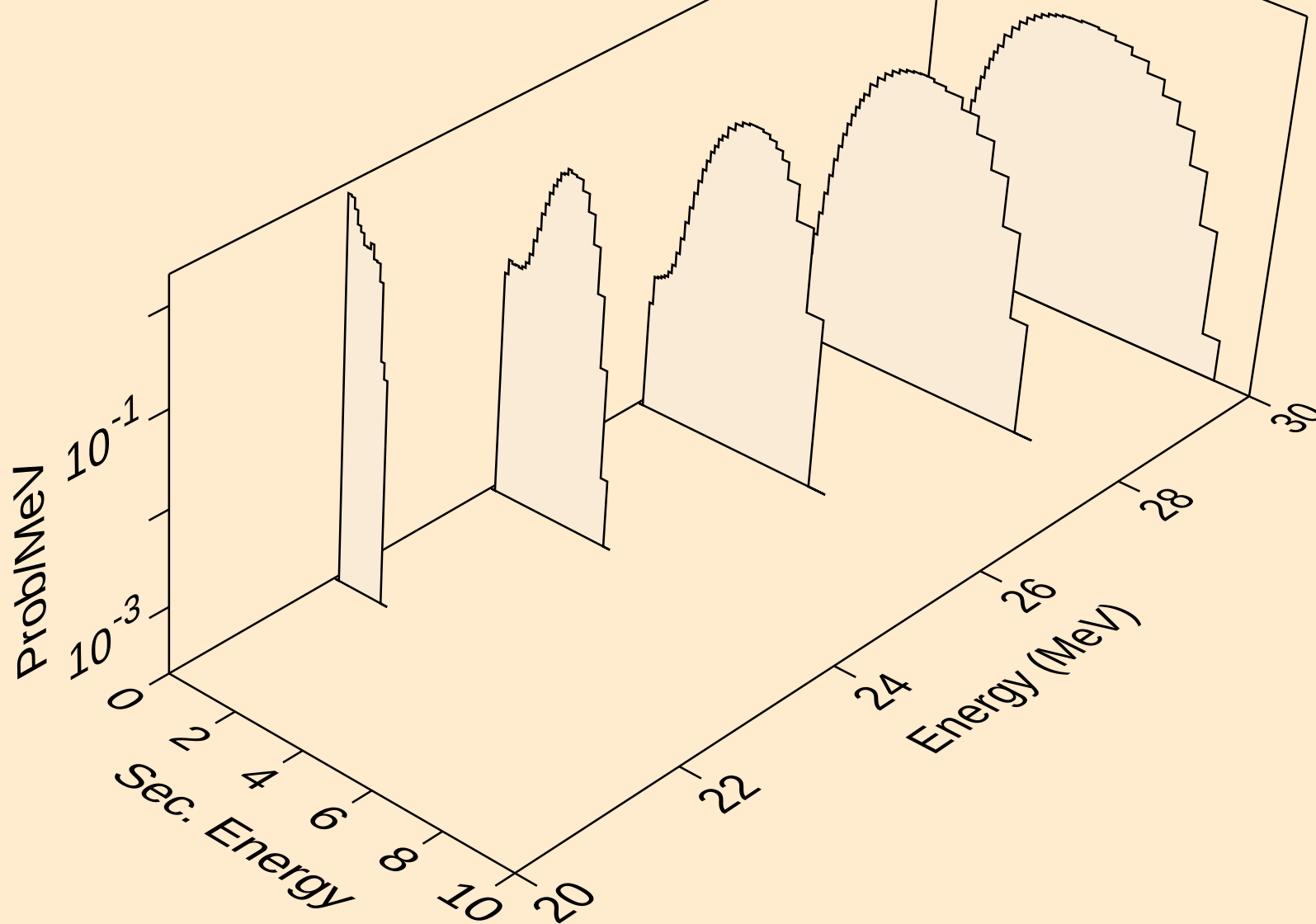
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



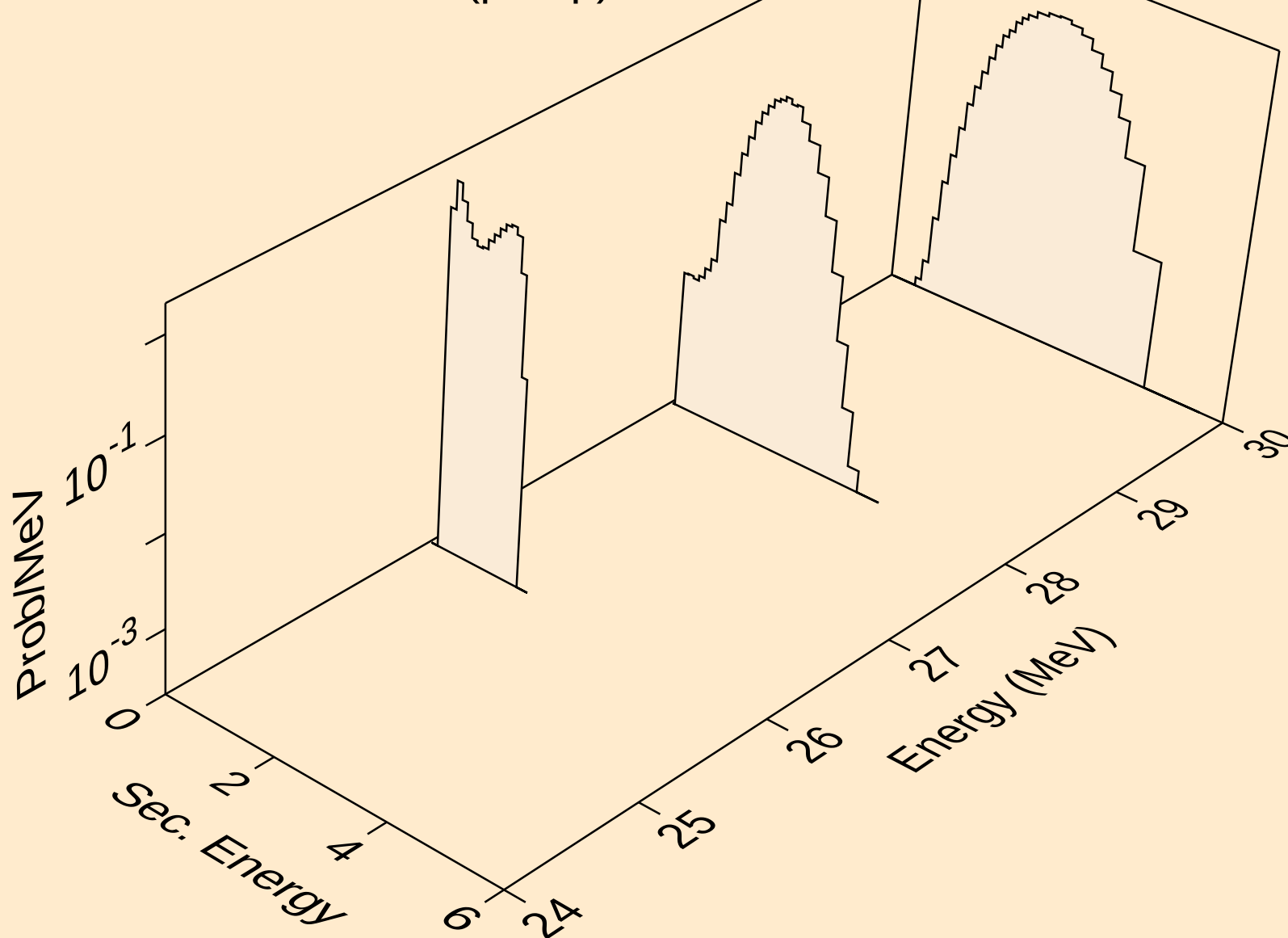
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



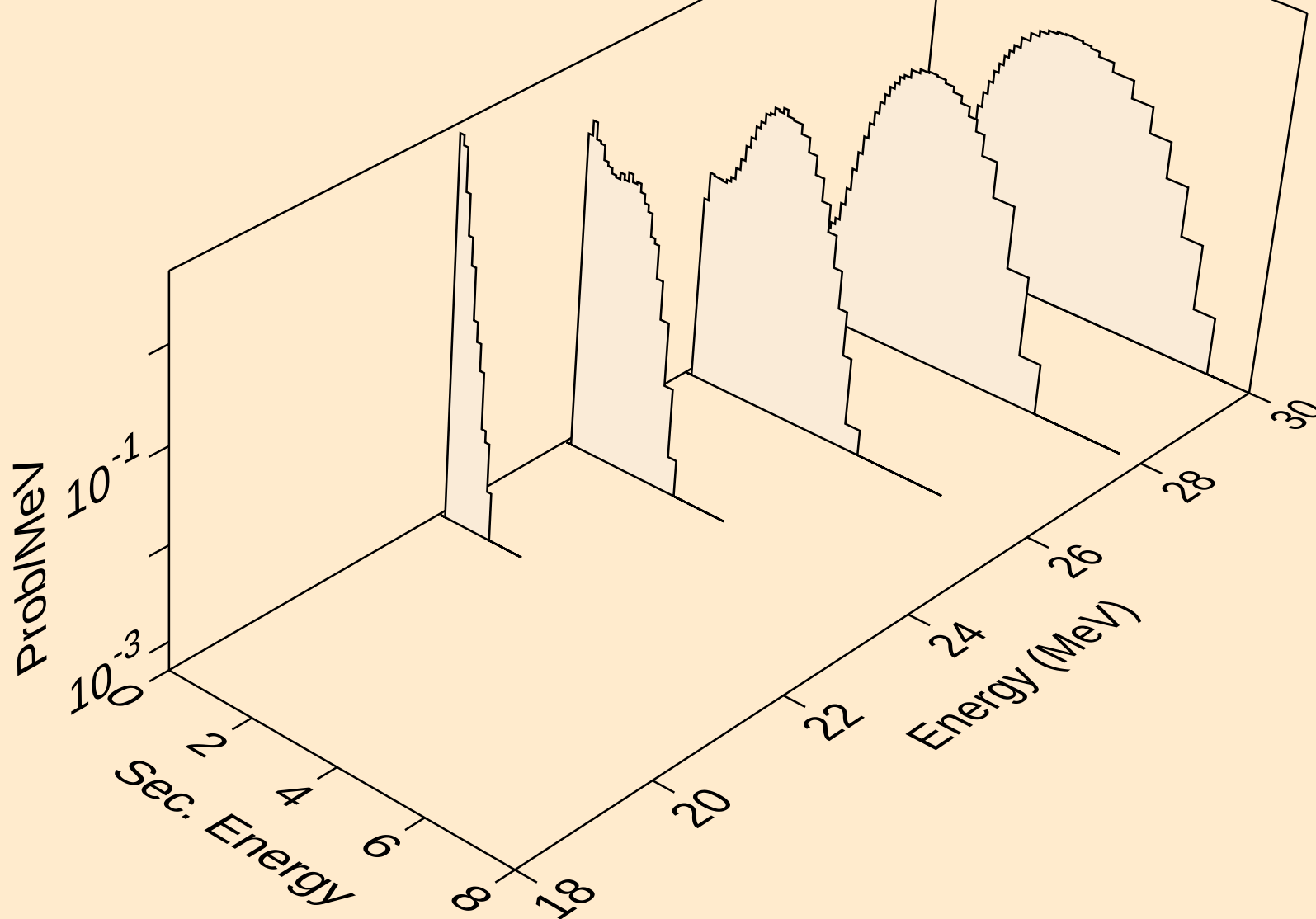
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



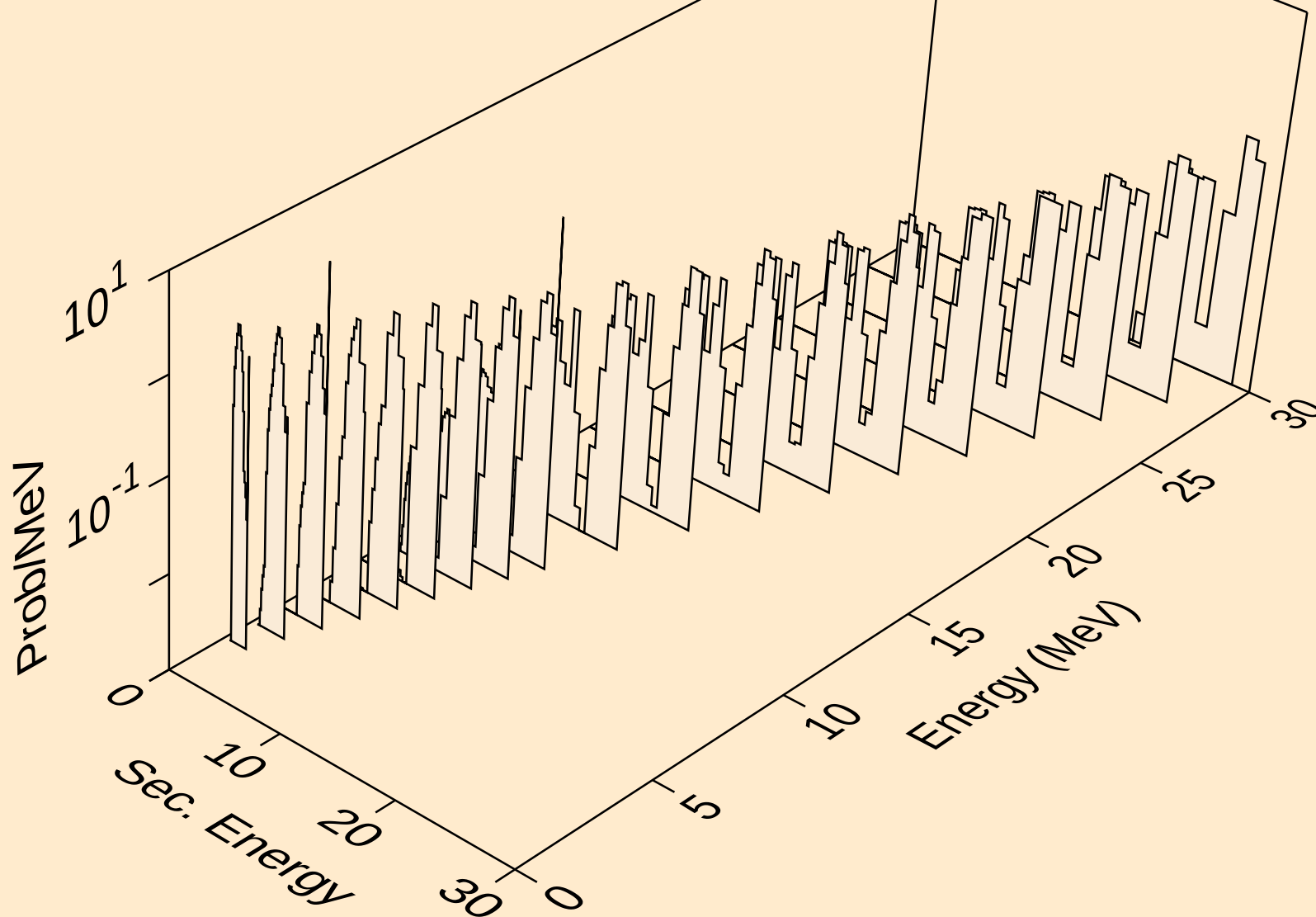
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



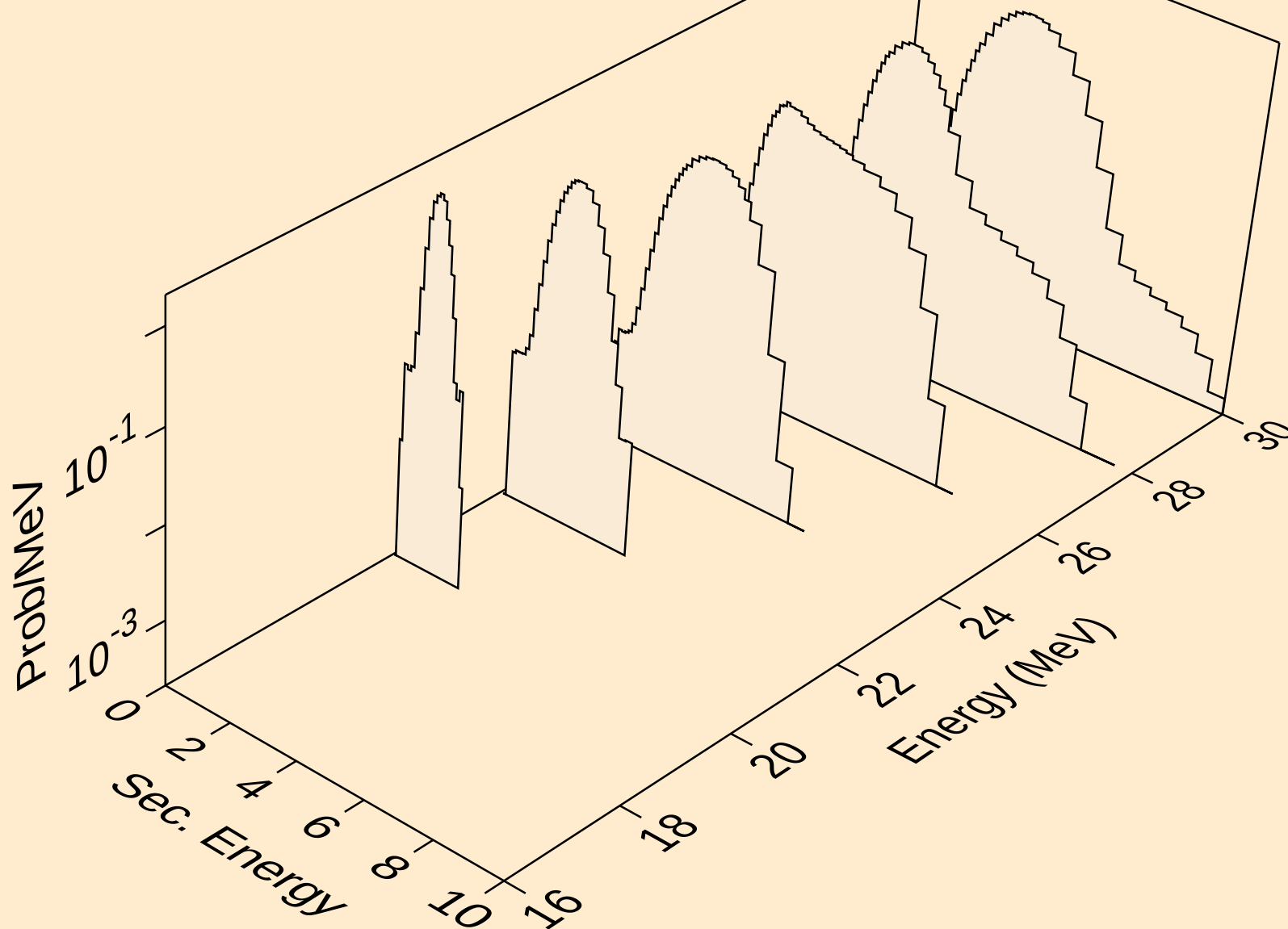
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



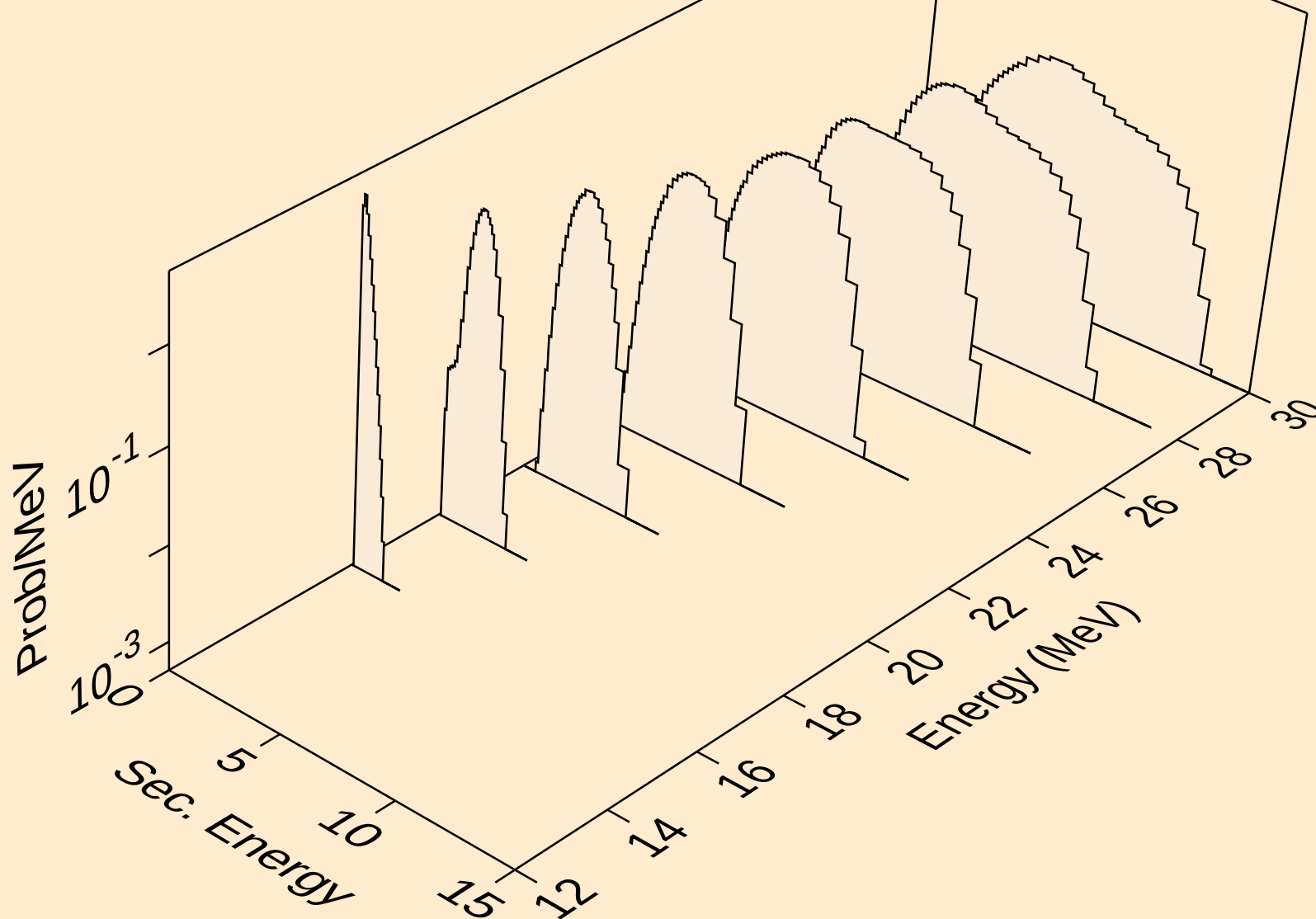
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



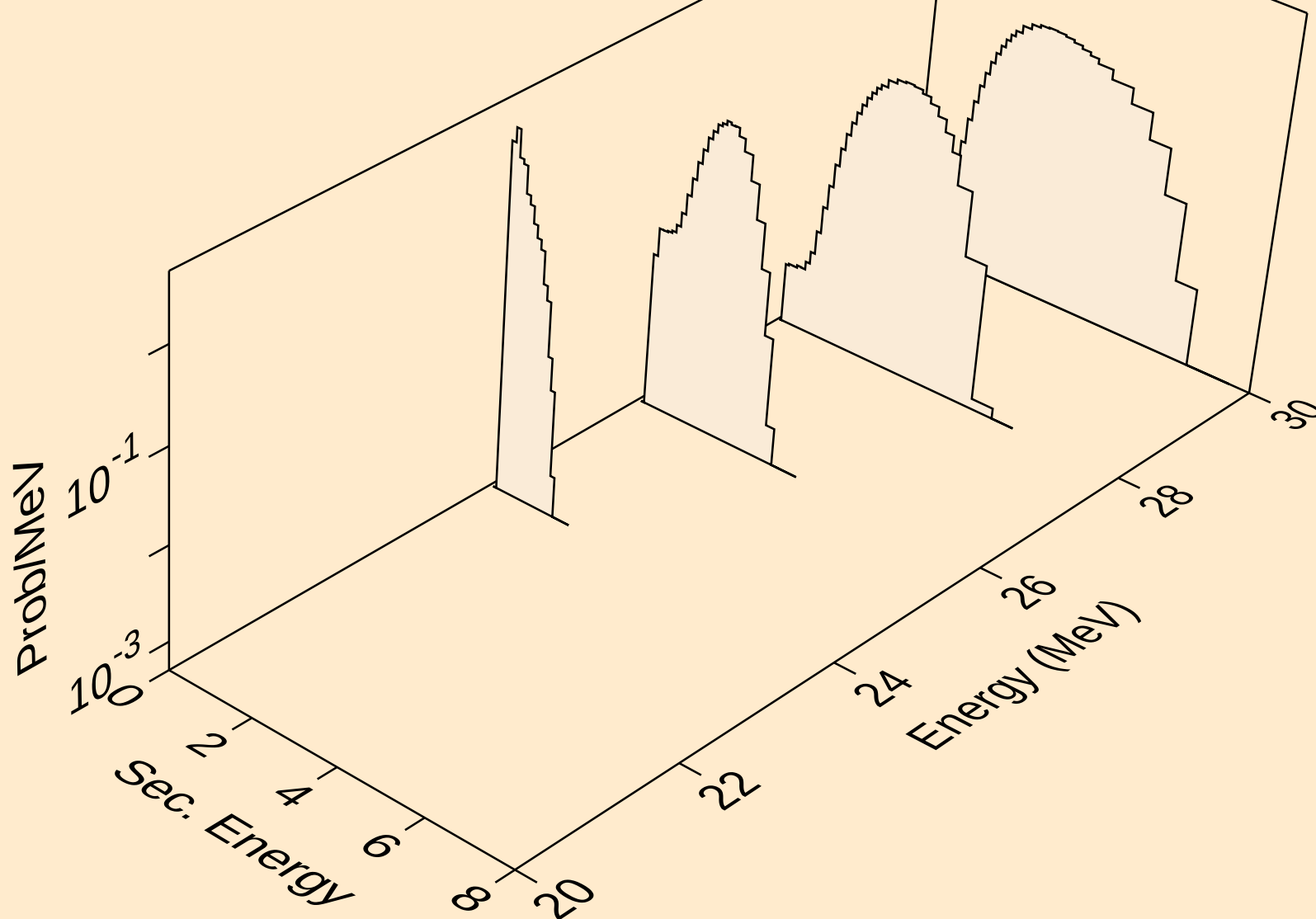
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



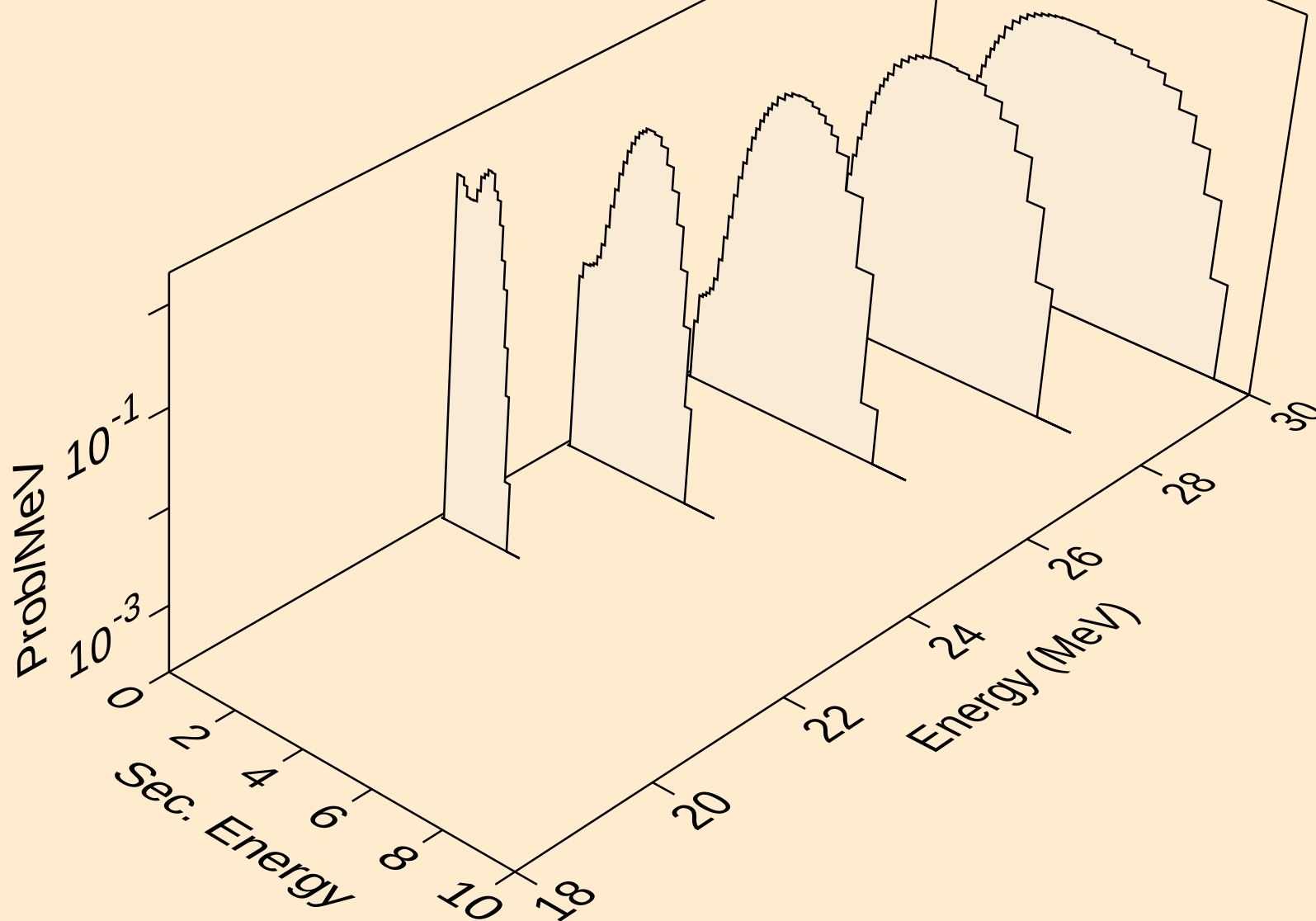
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



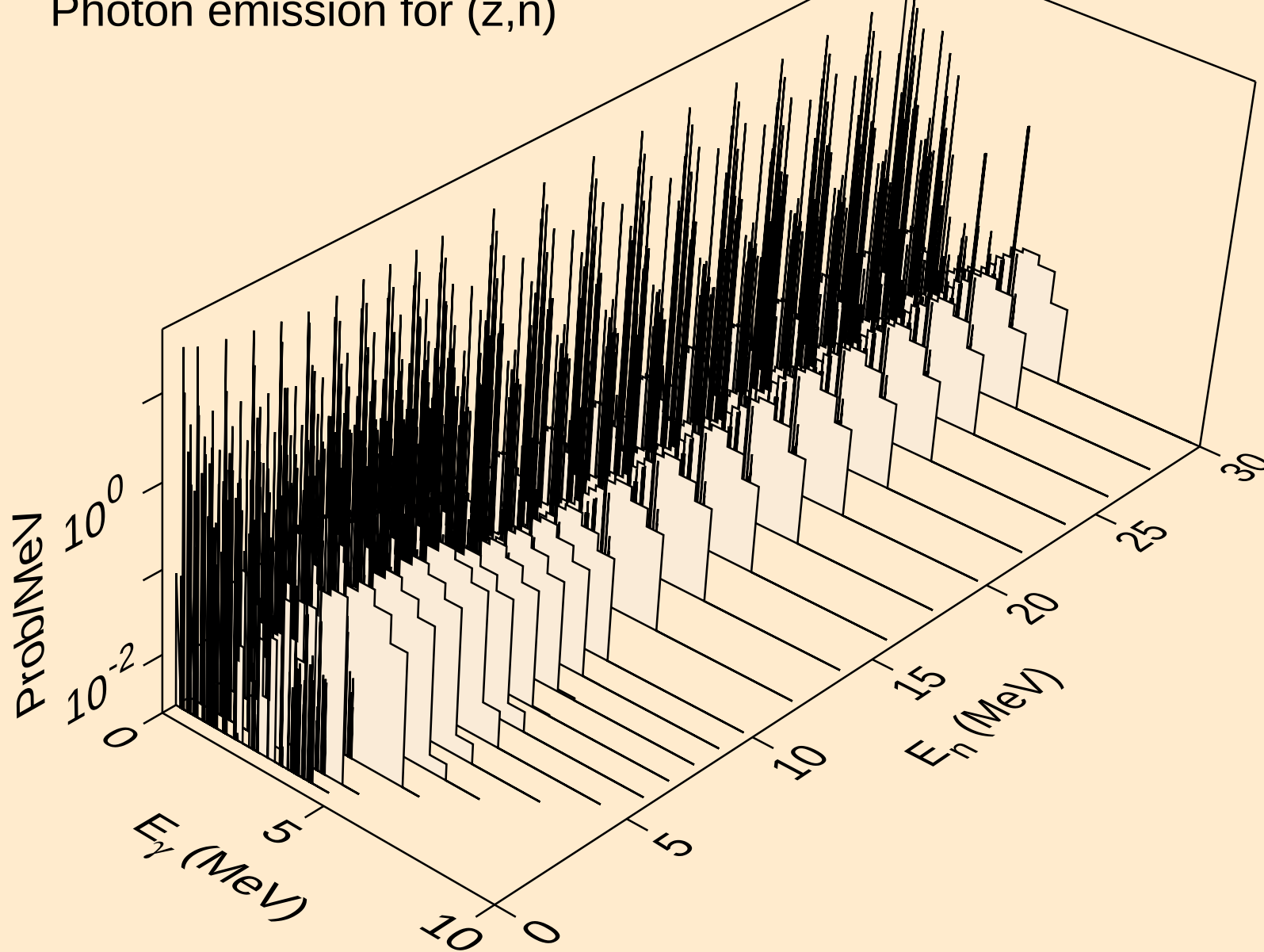
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



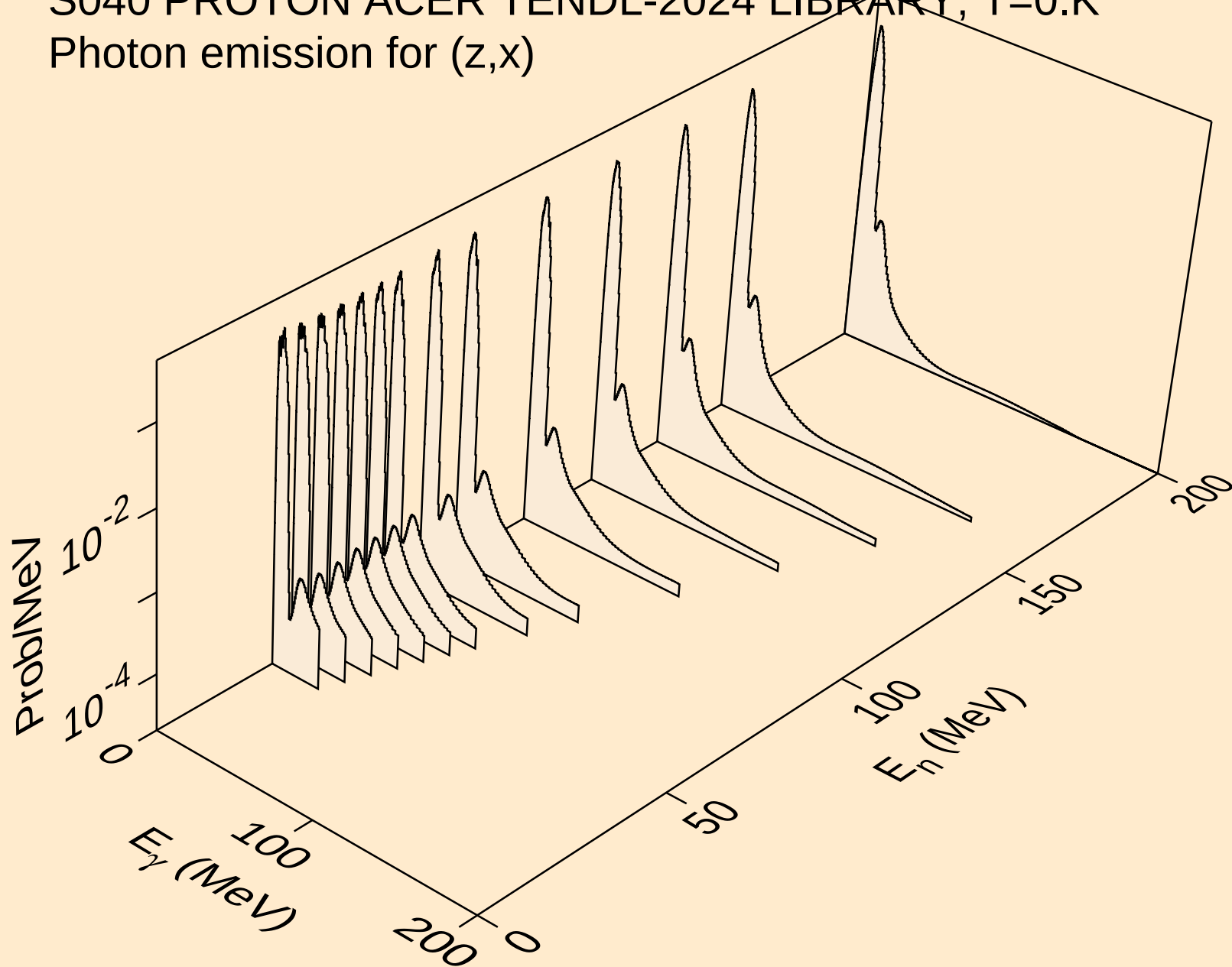
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pt)



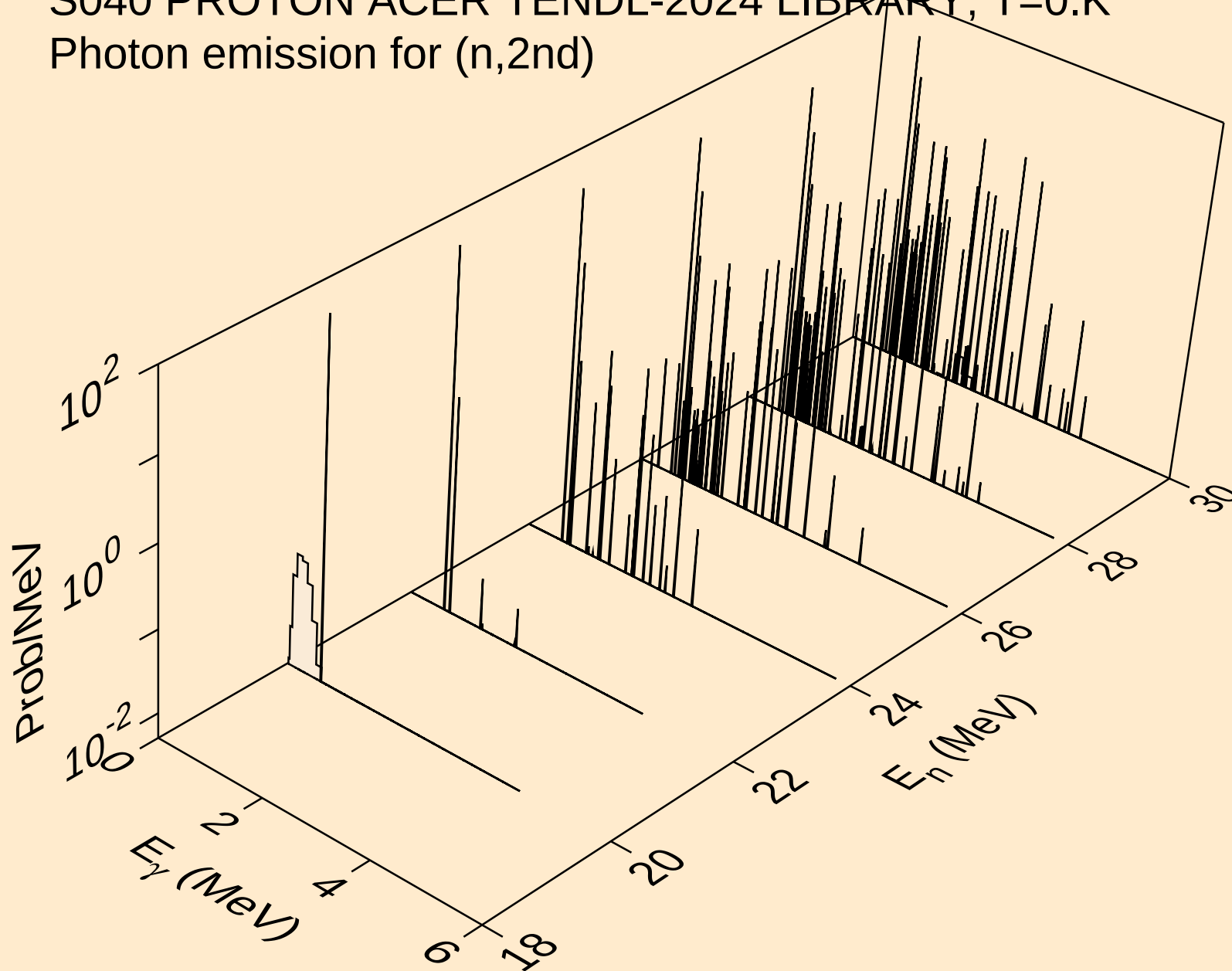
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



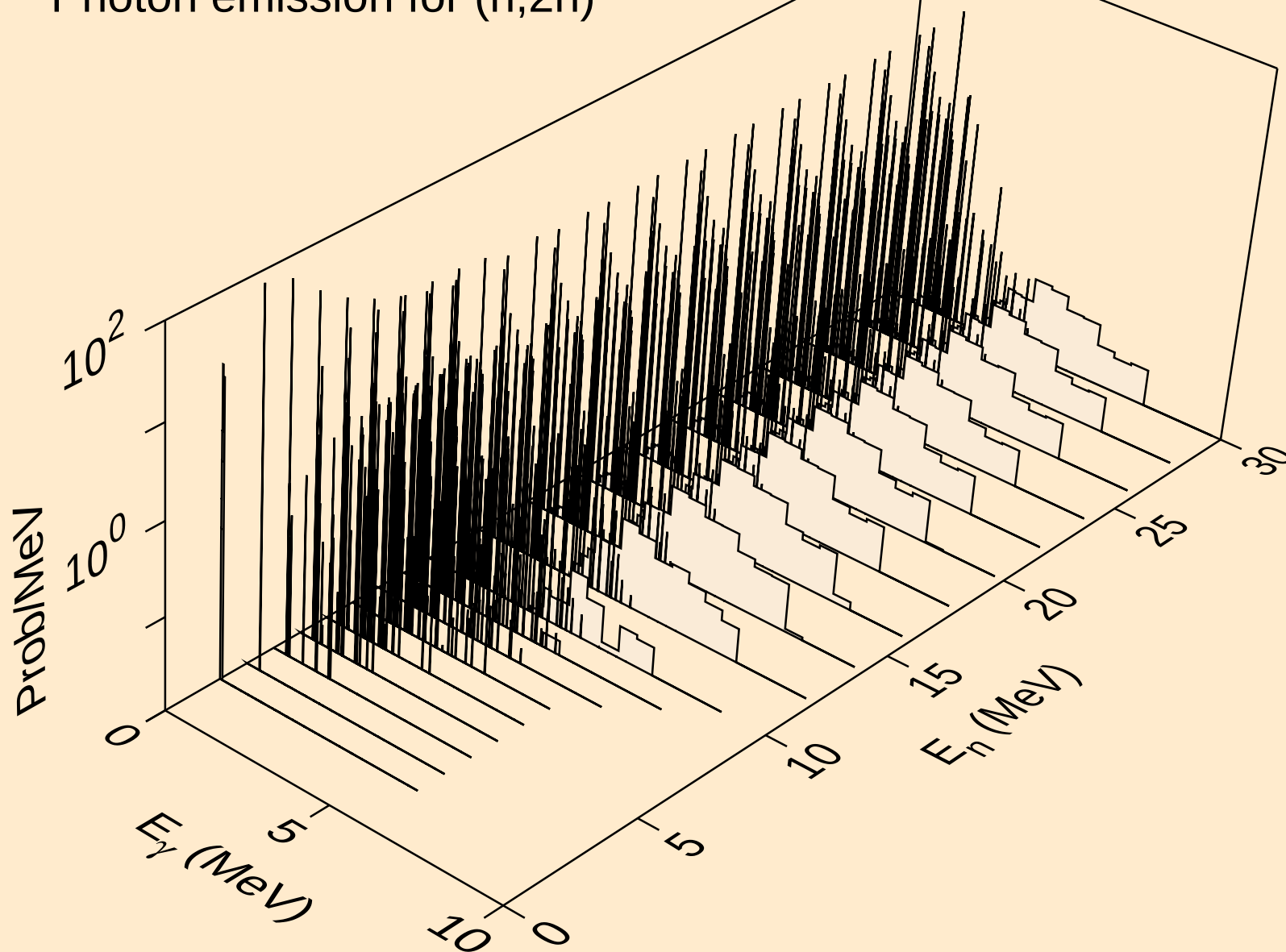
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



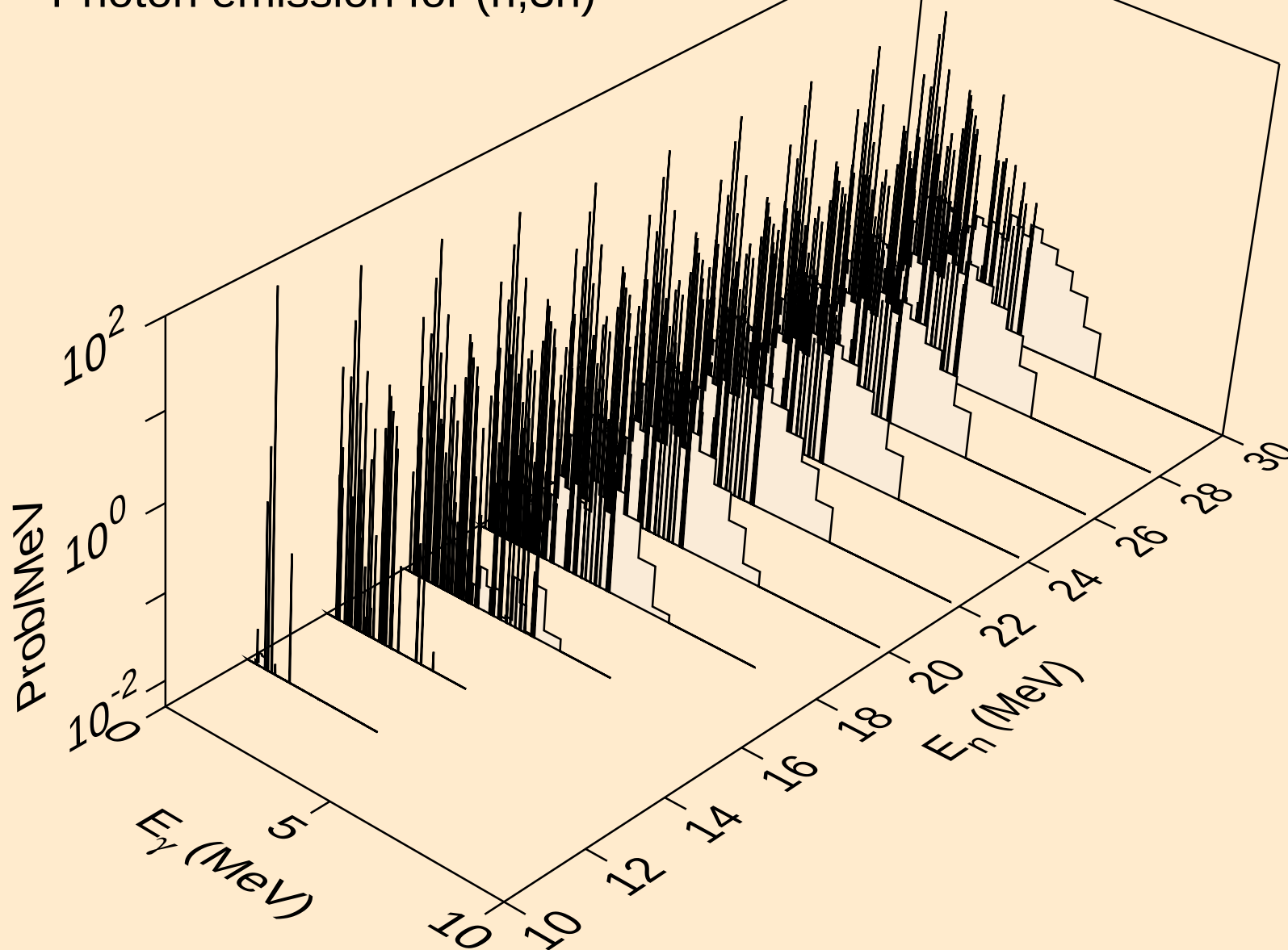
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



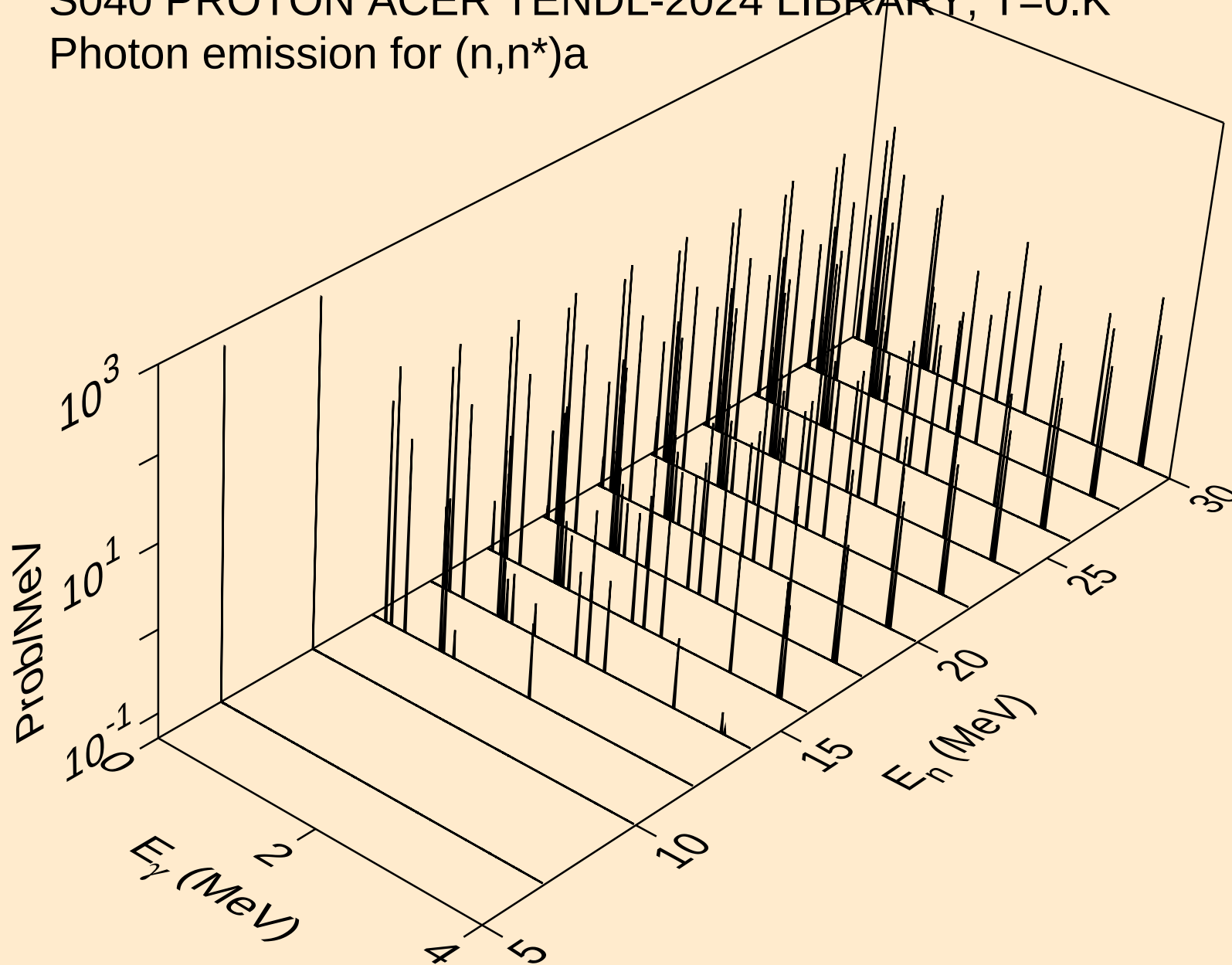
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



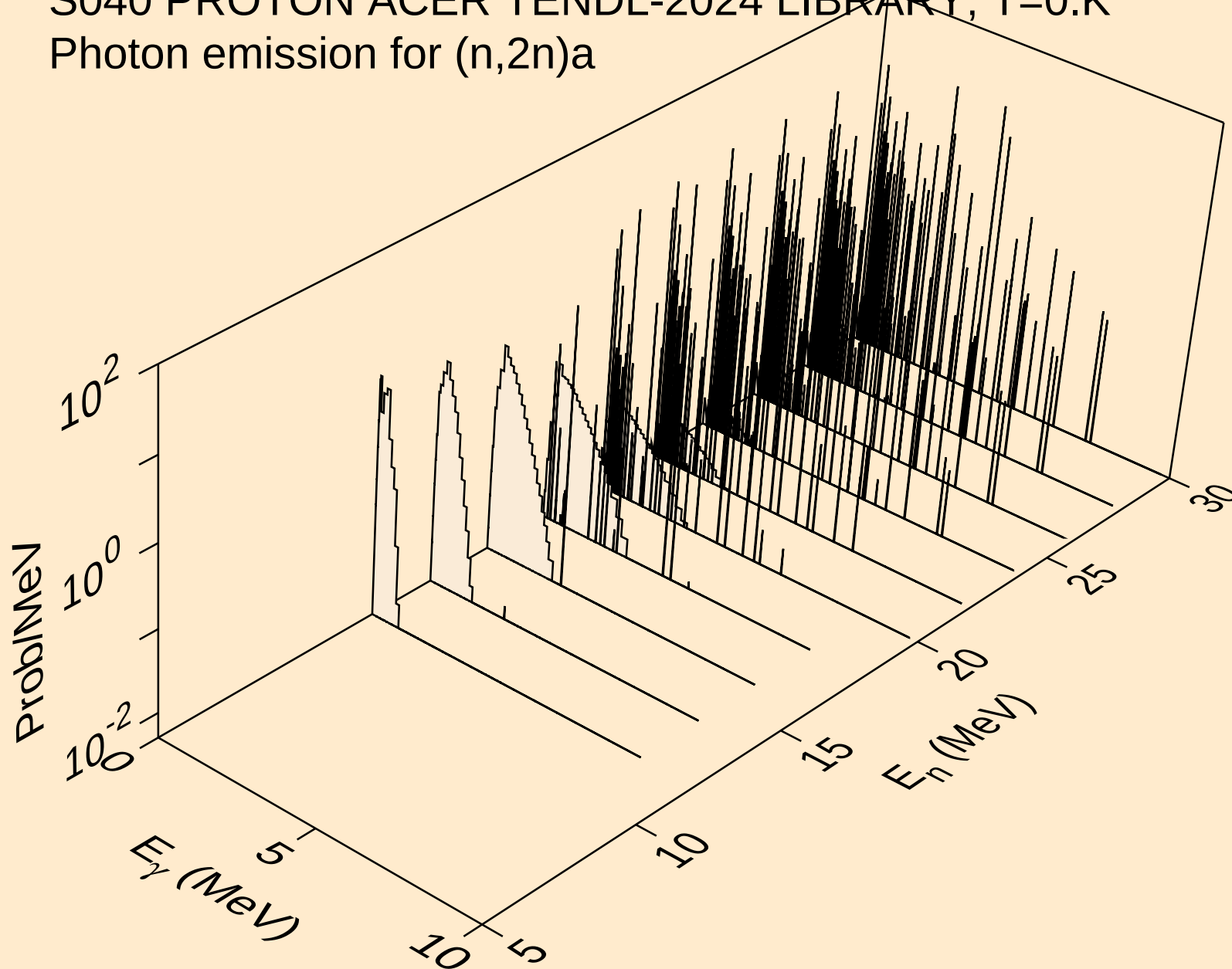
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



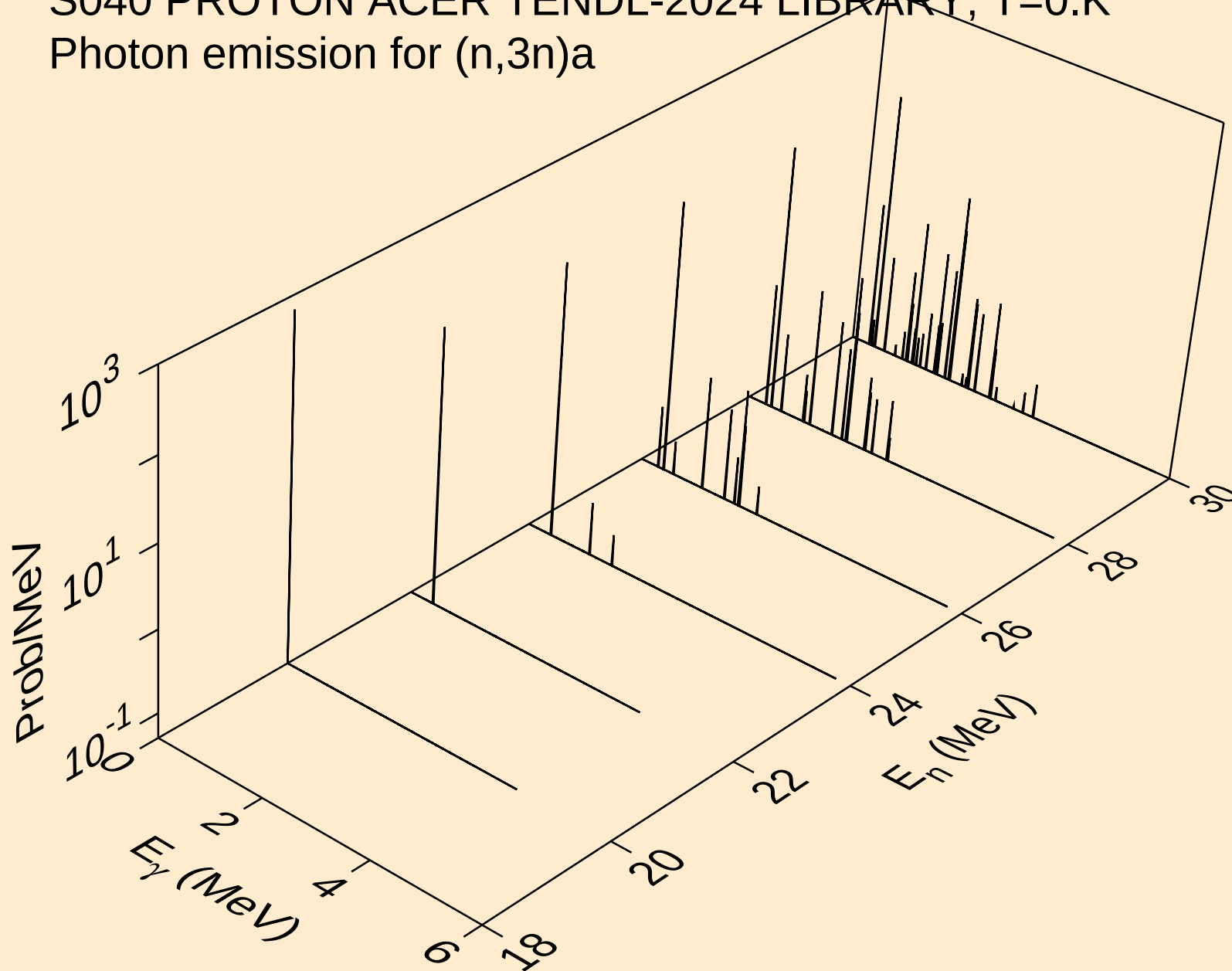
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



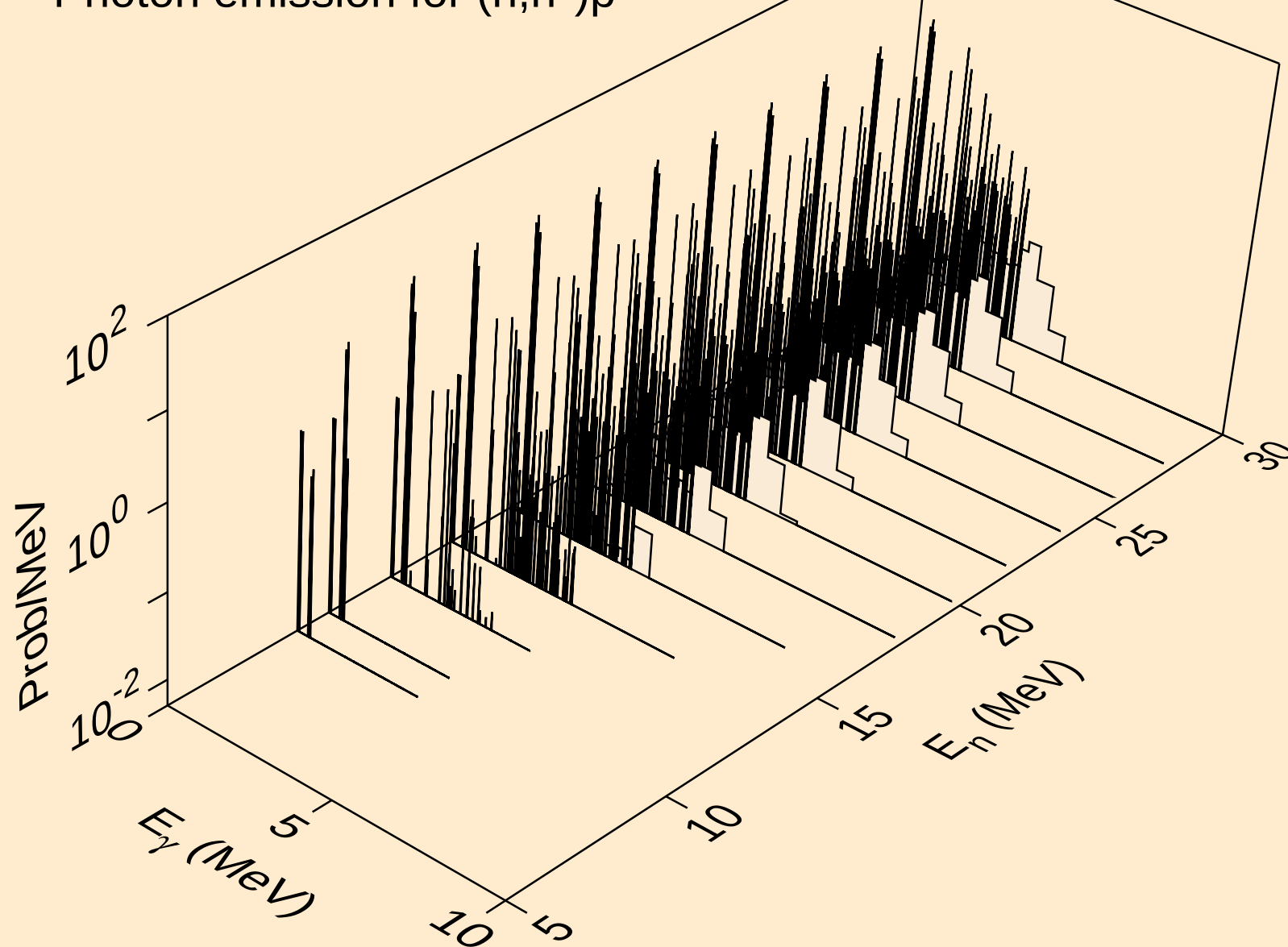
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



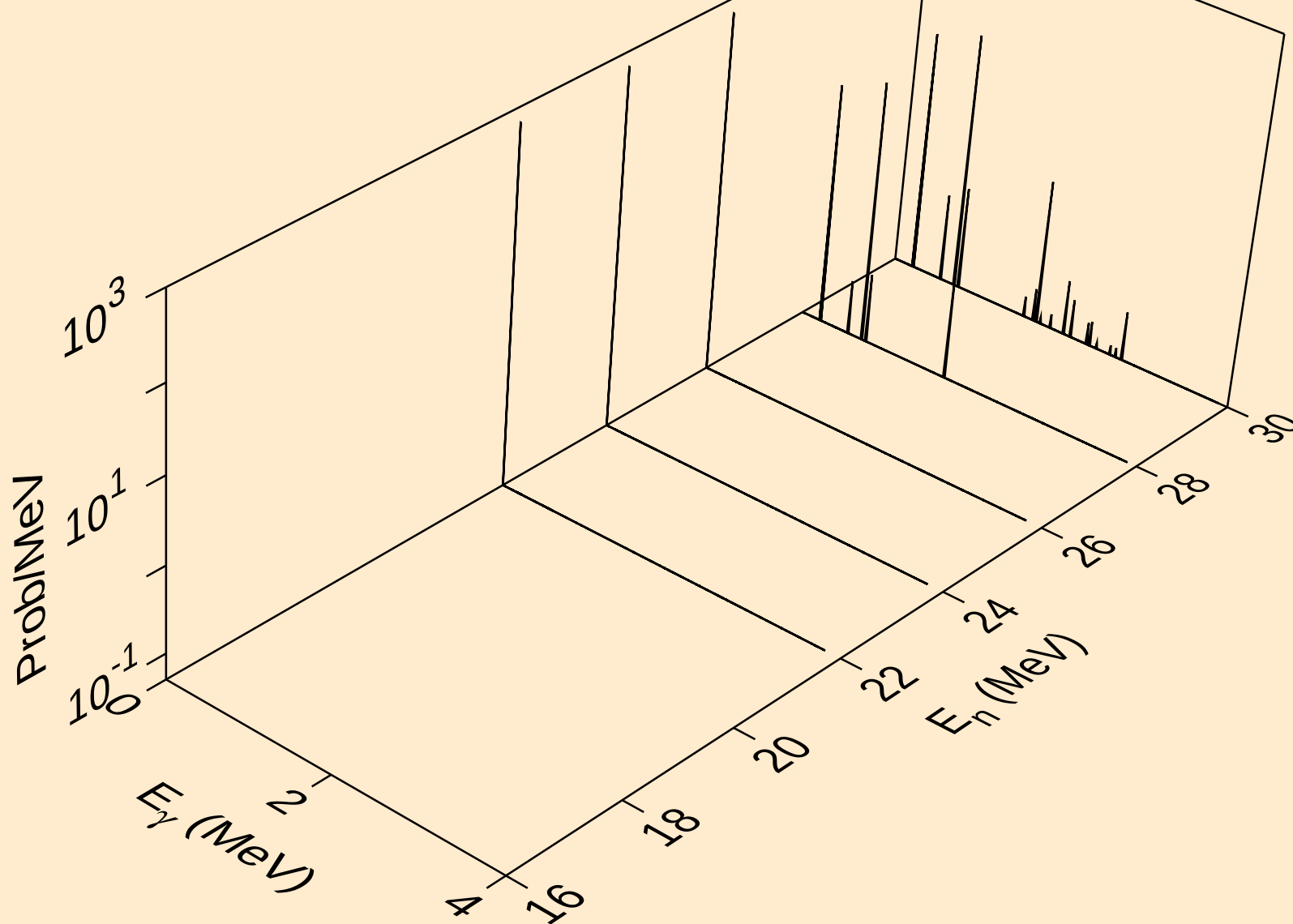
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



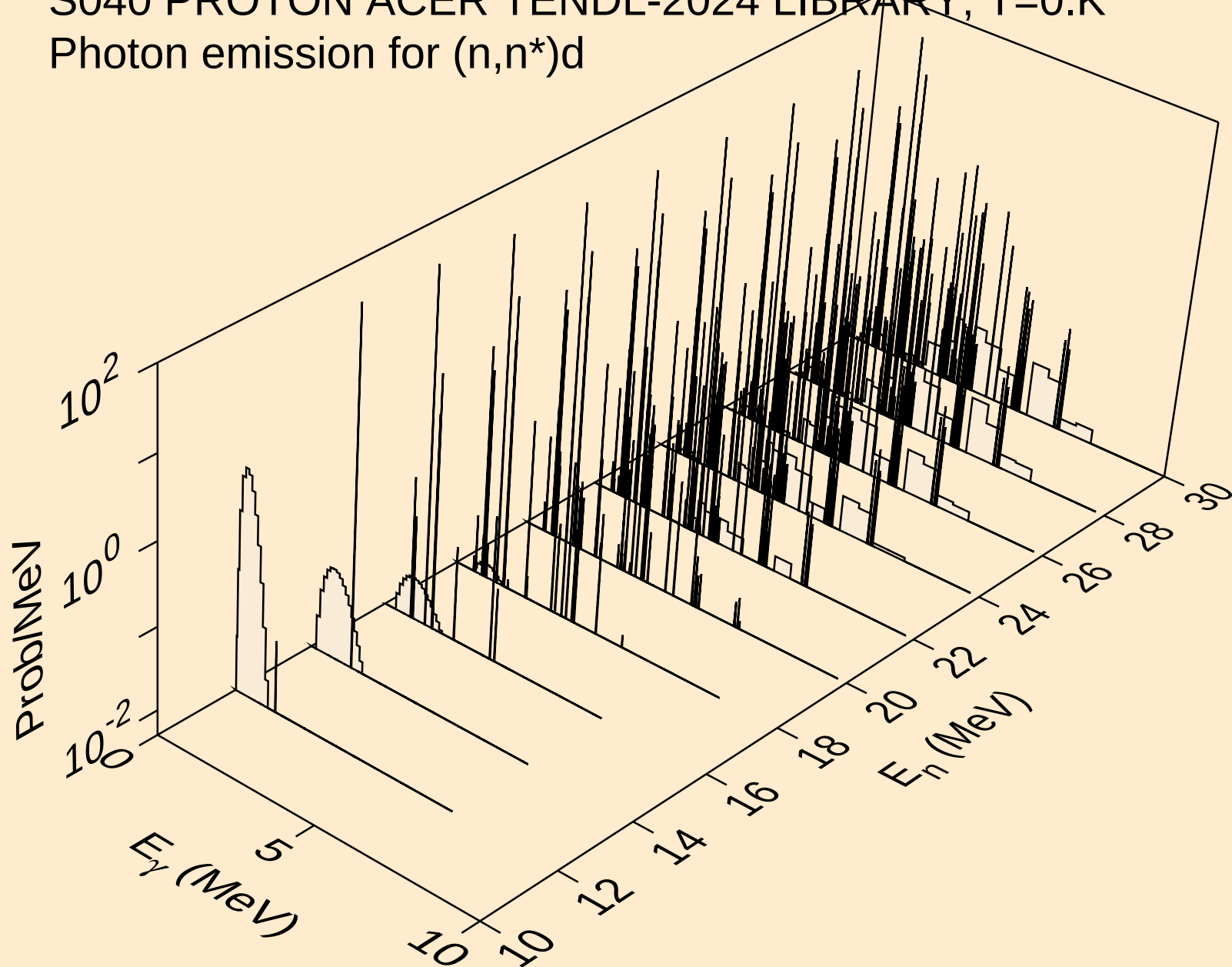
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



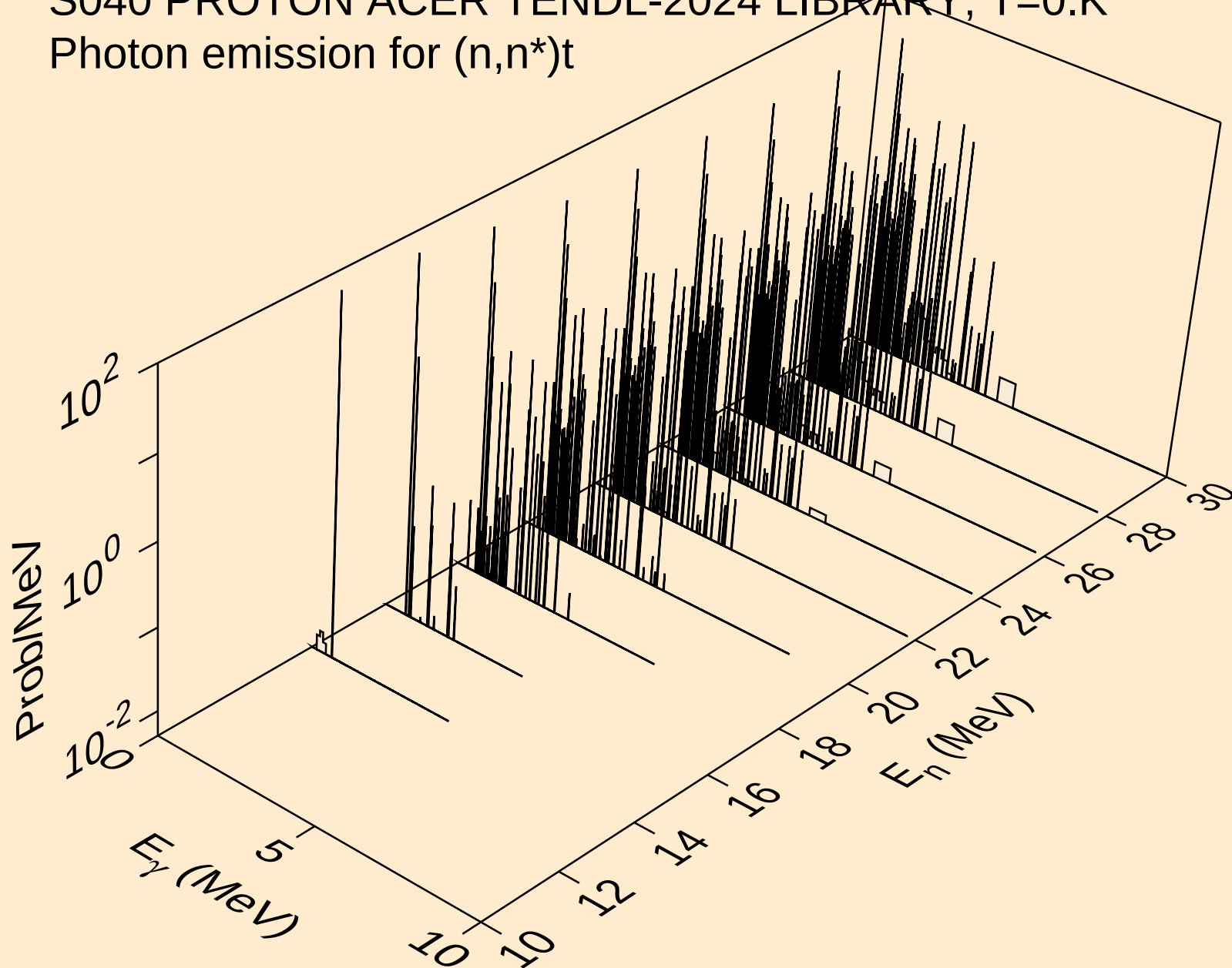
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



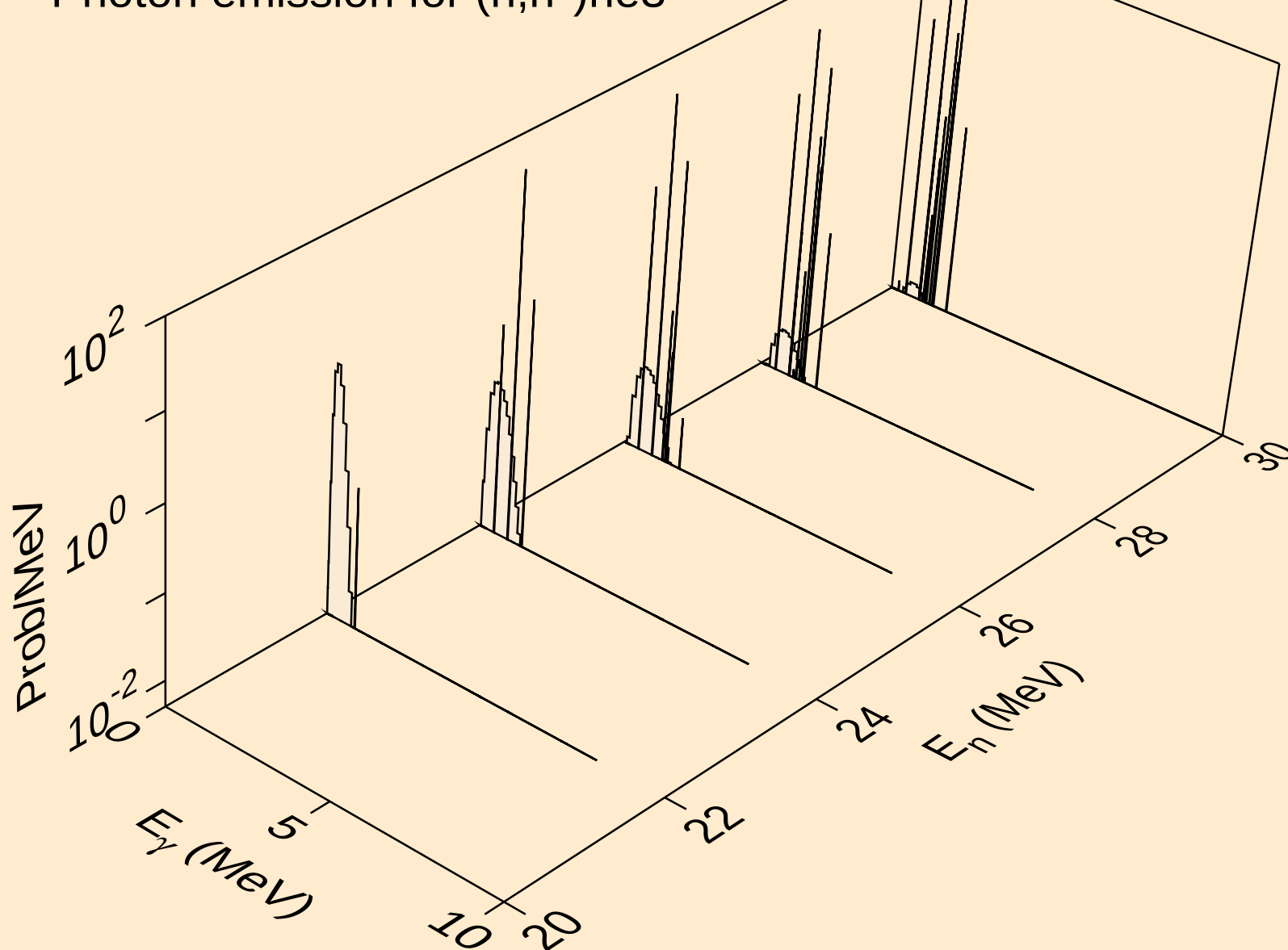
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



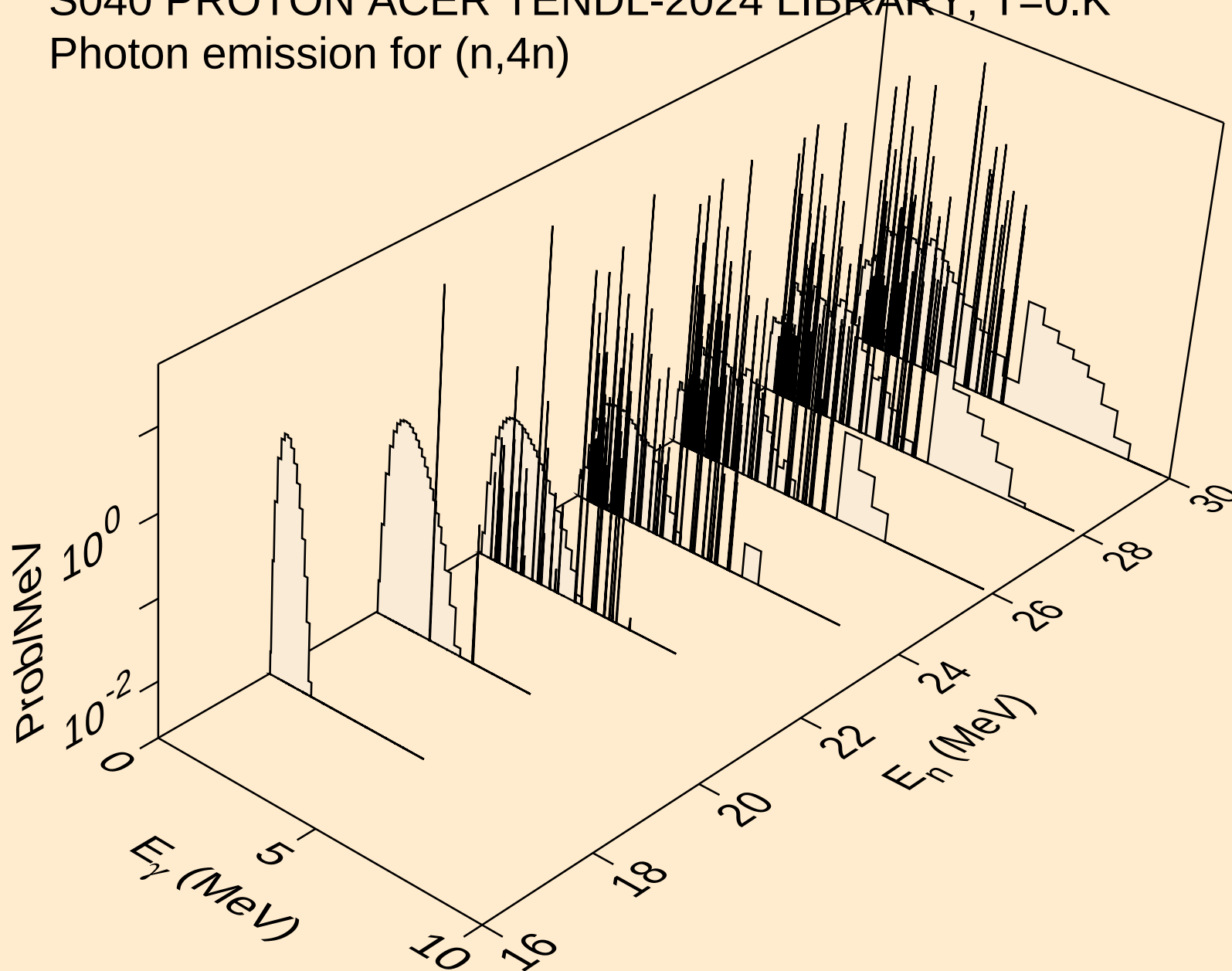
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



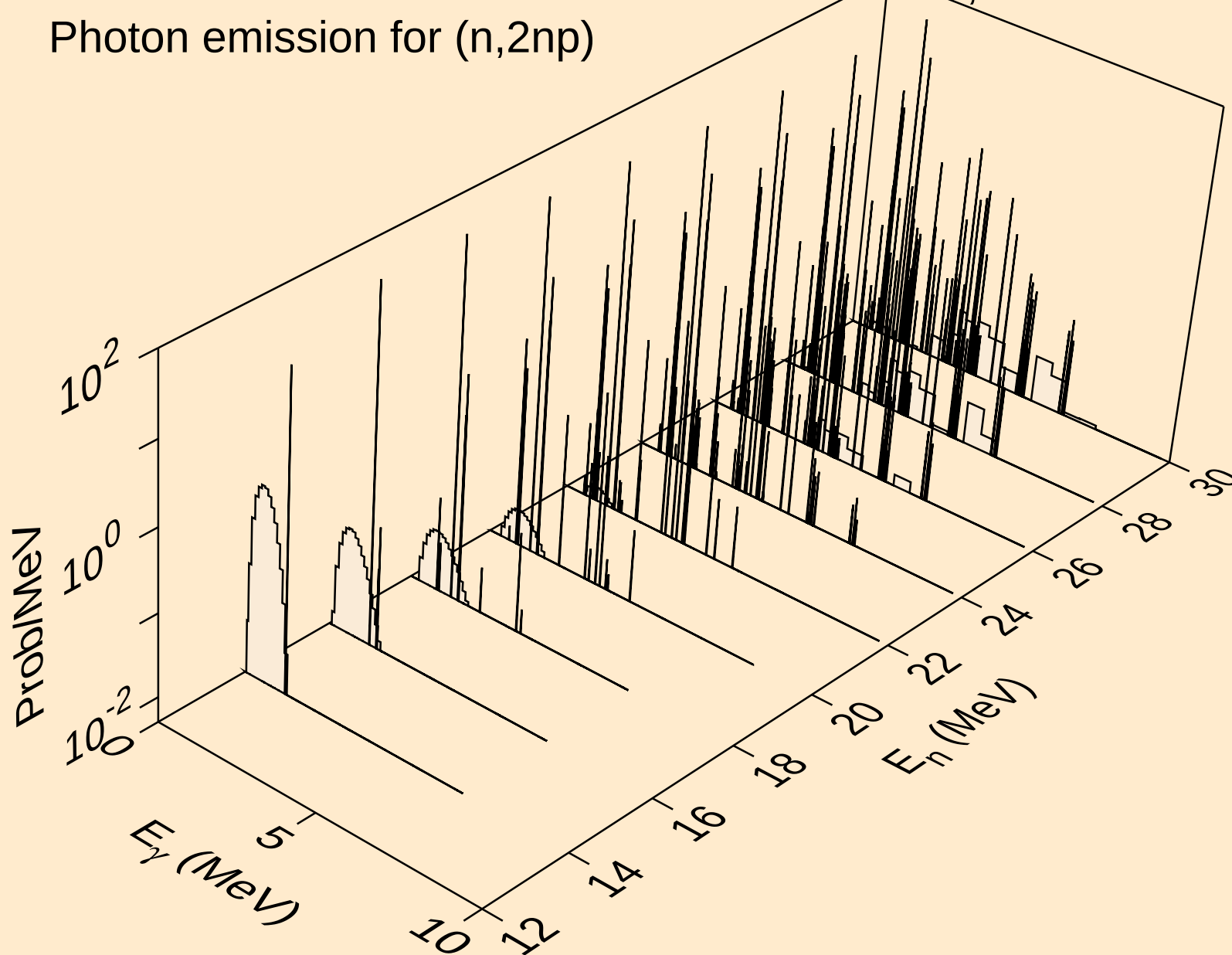
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



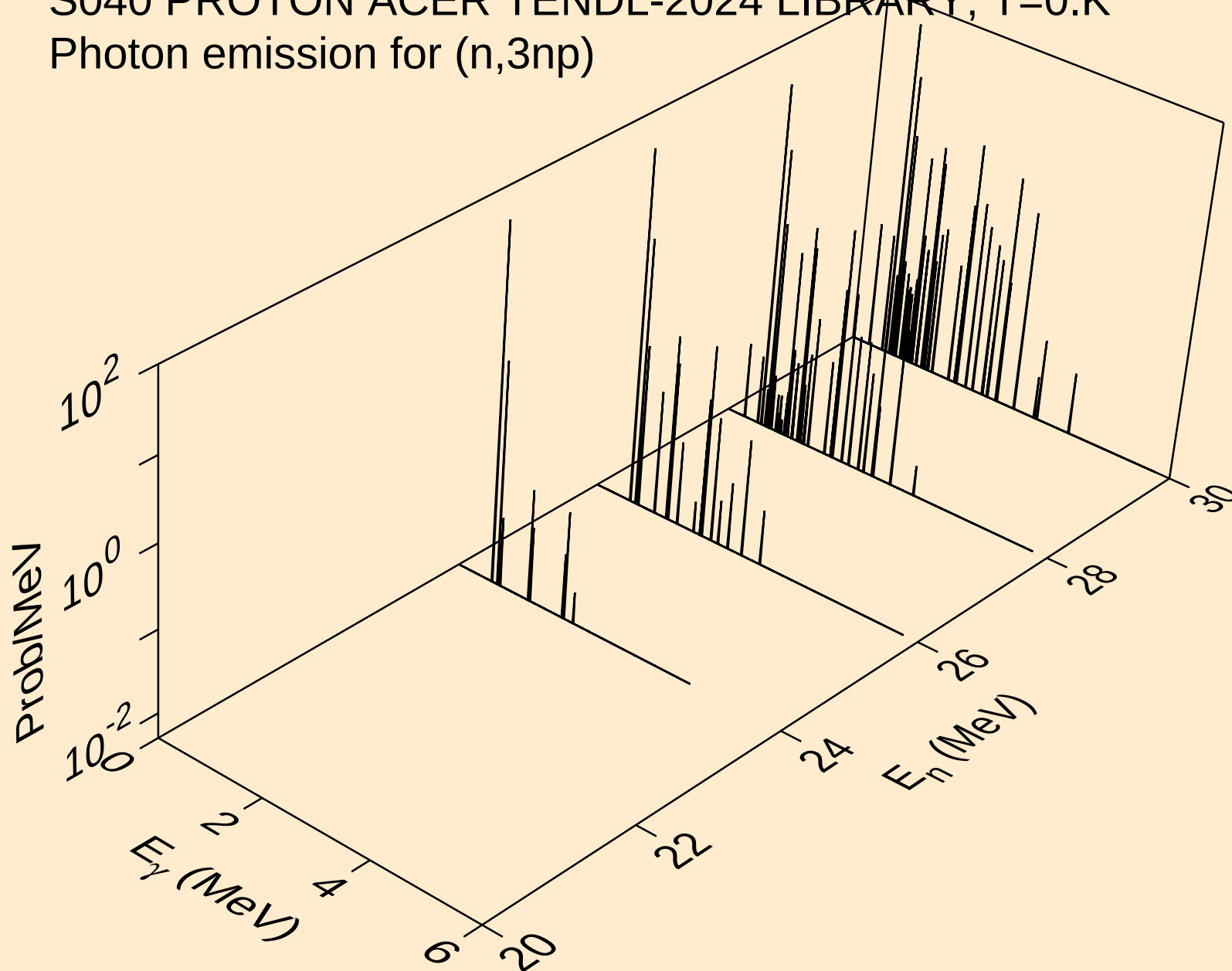
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



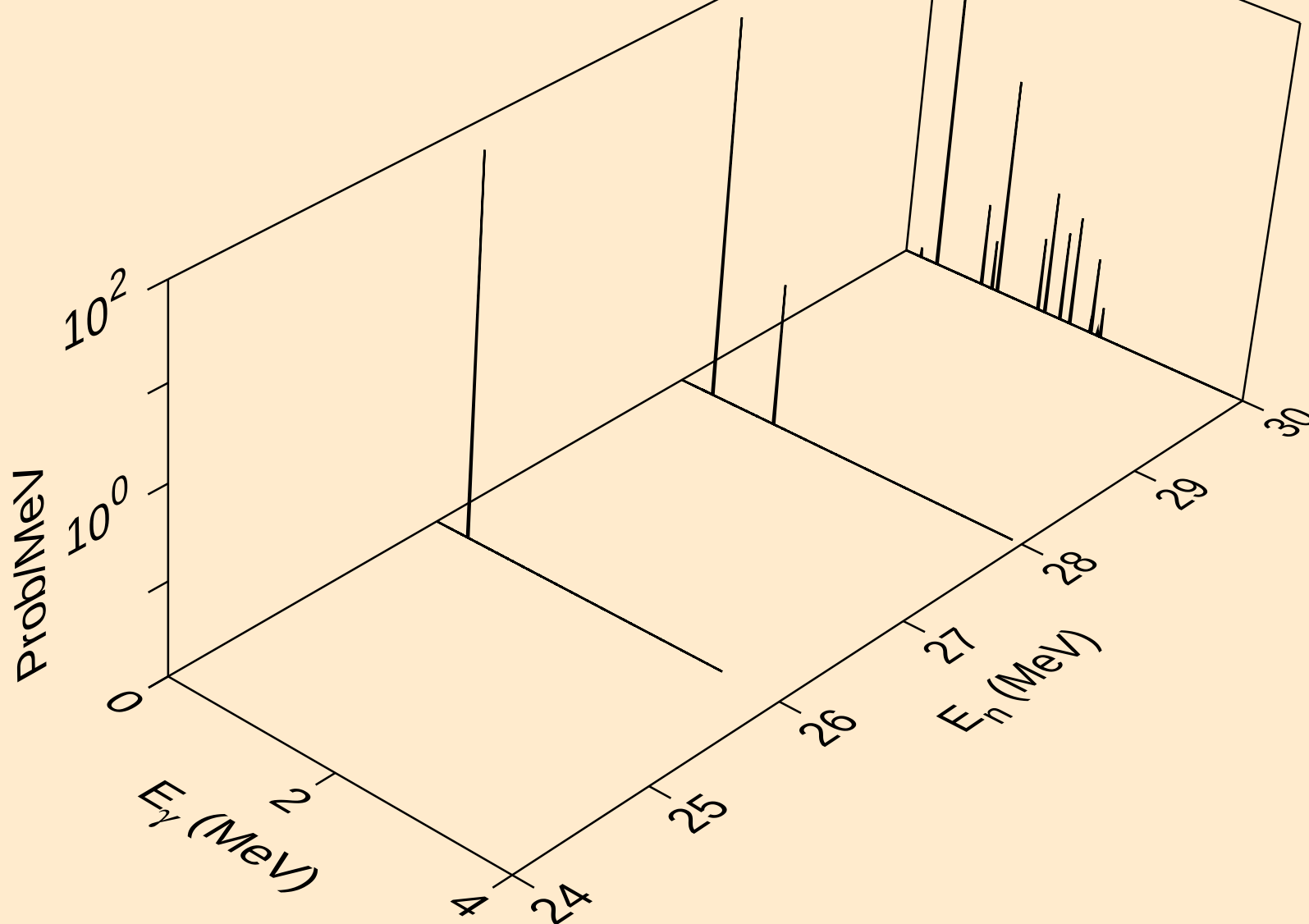
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



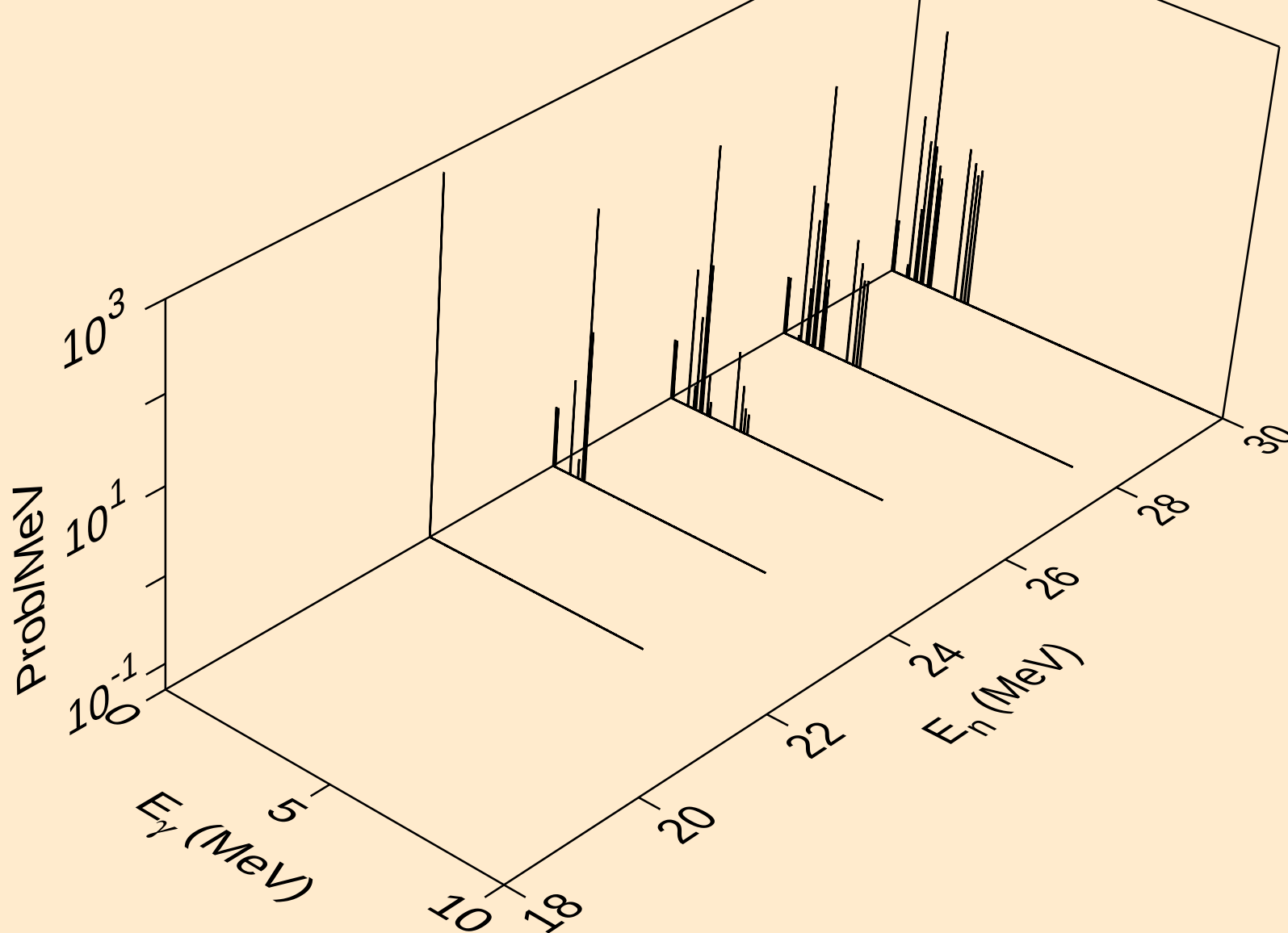
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



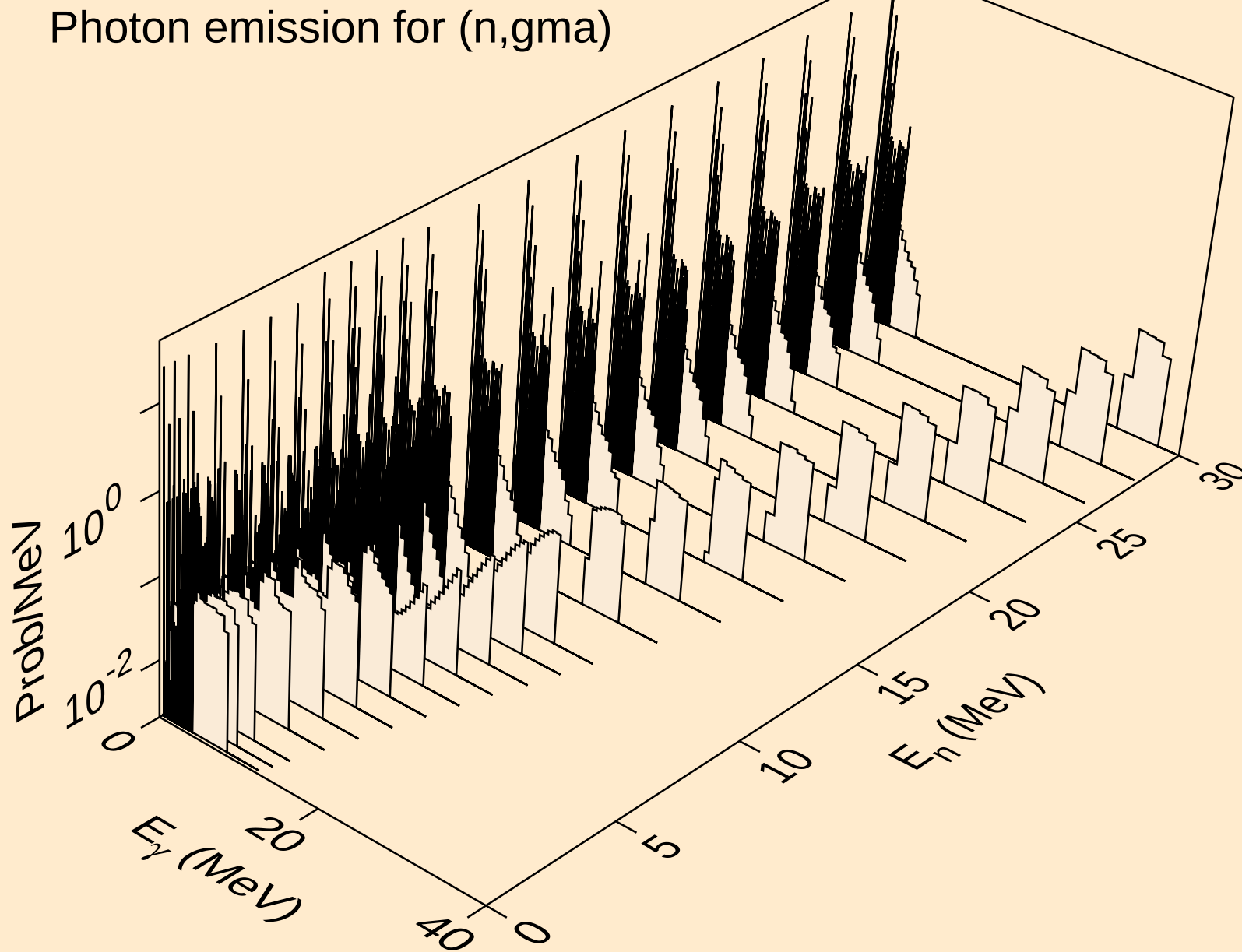
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



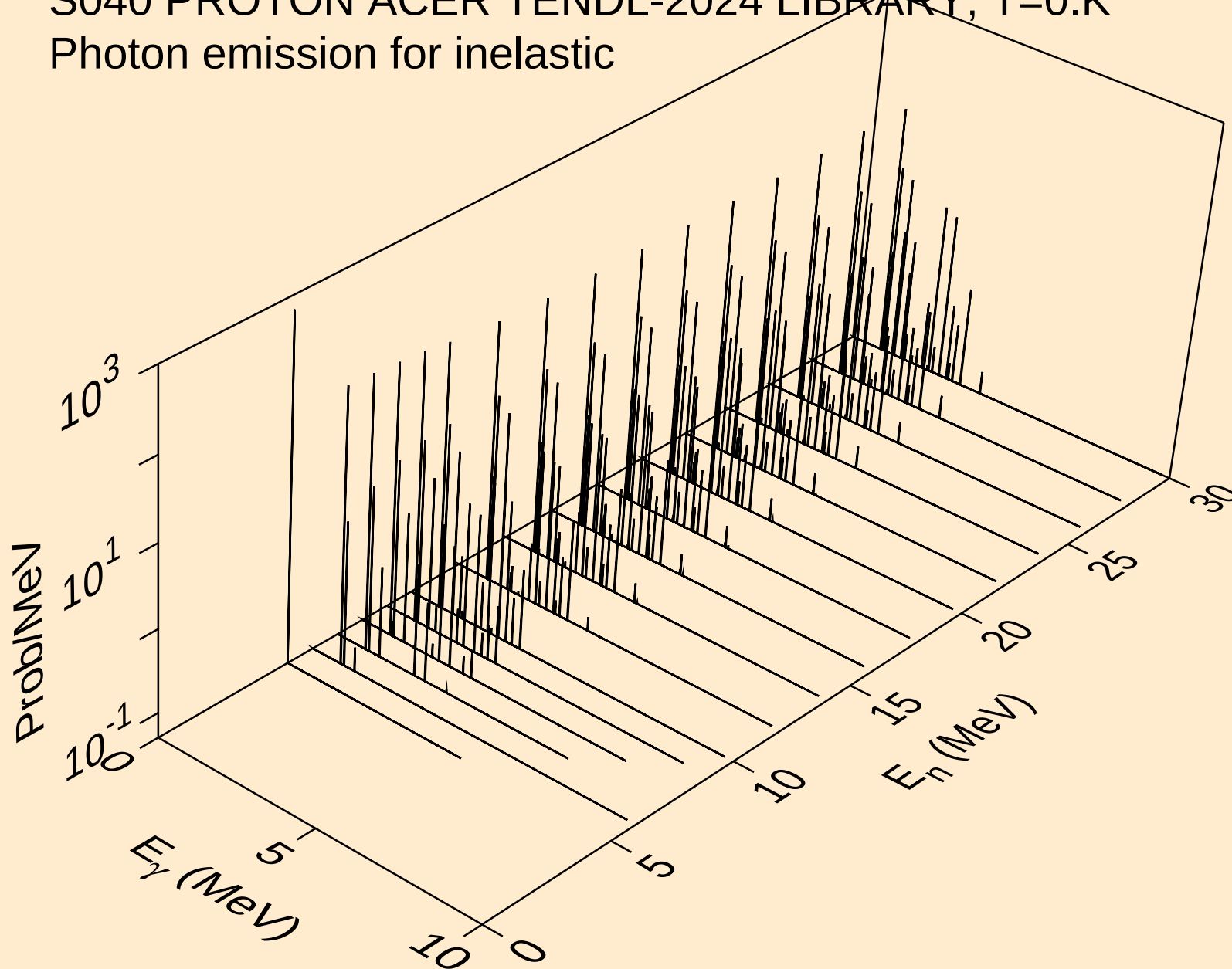
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



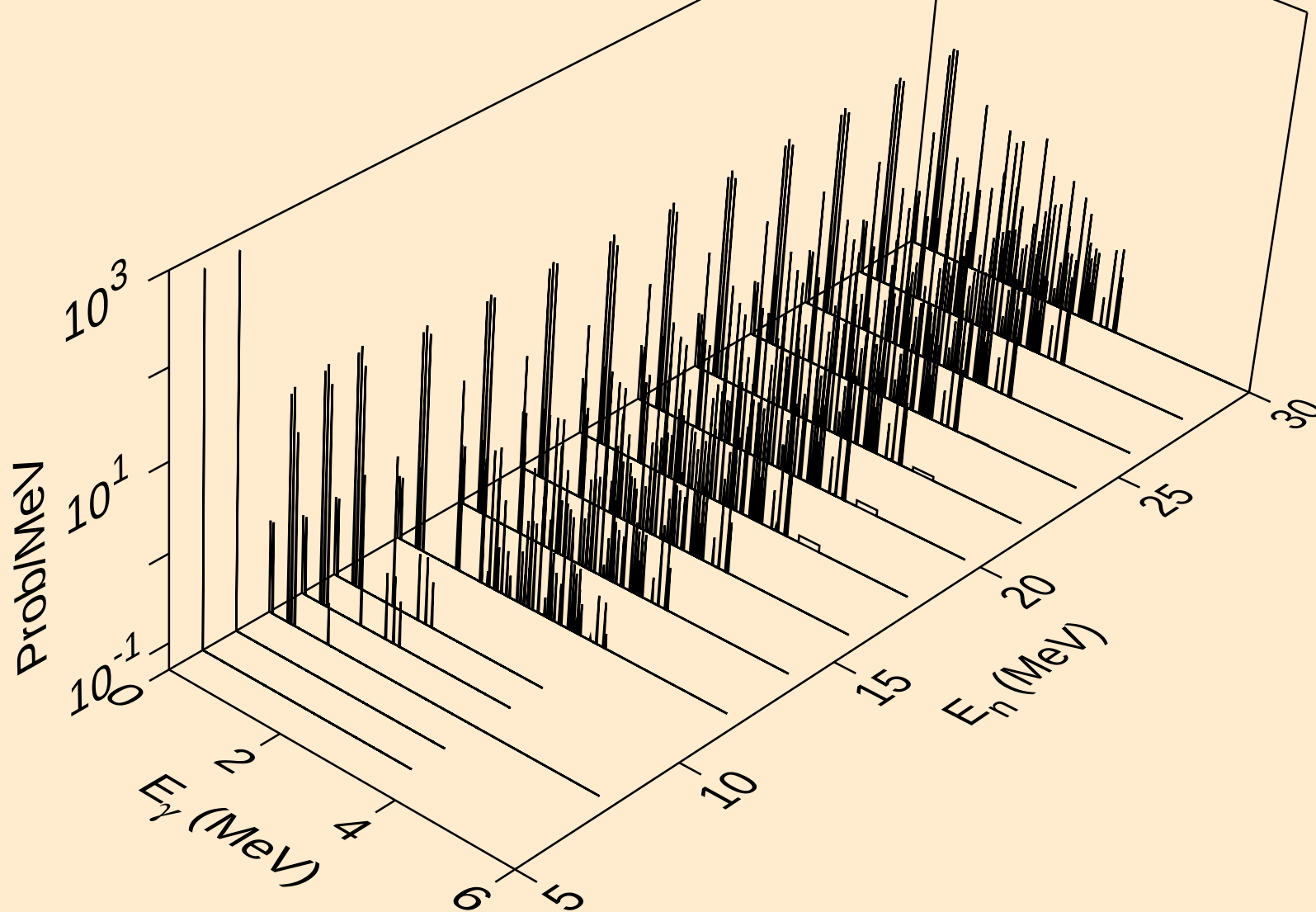
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



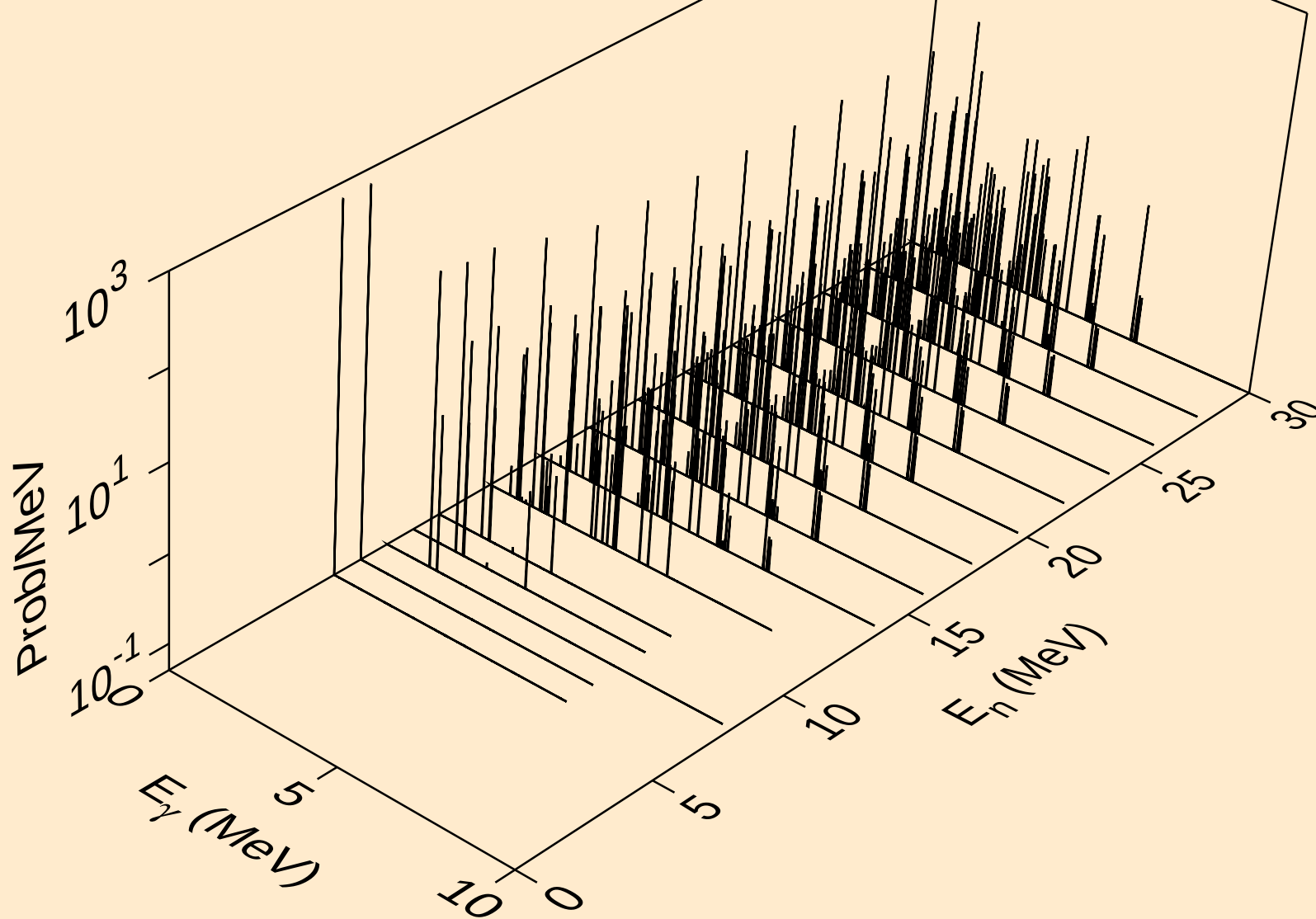
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



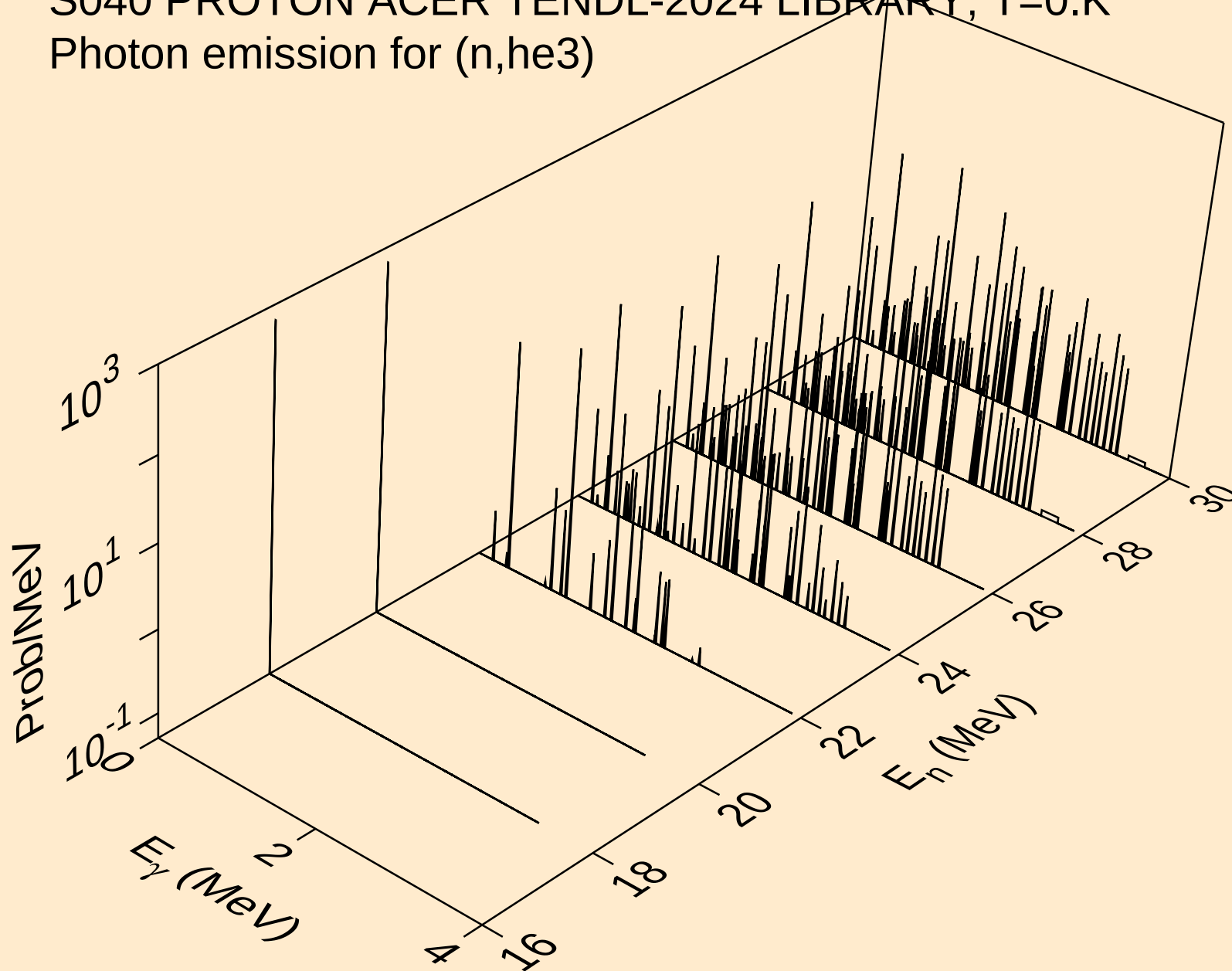
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



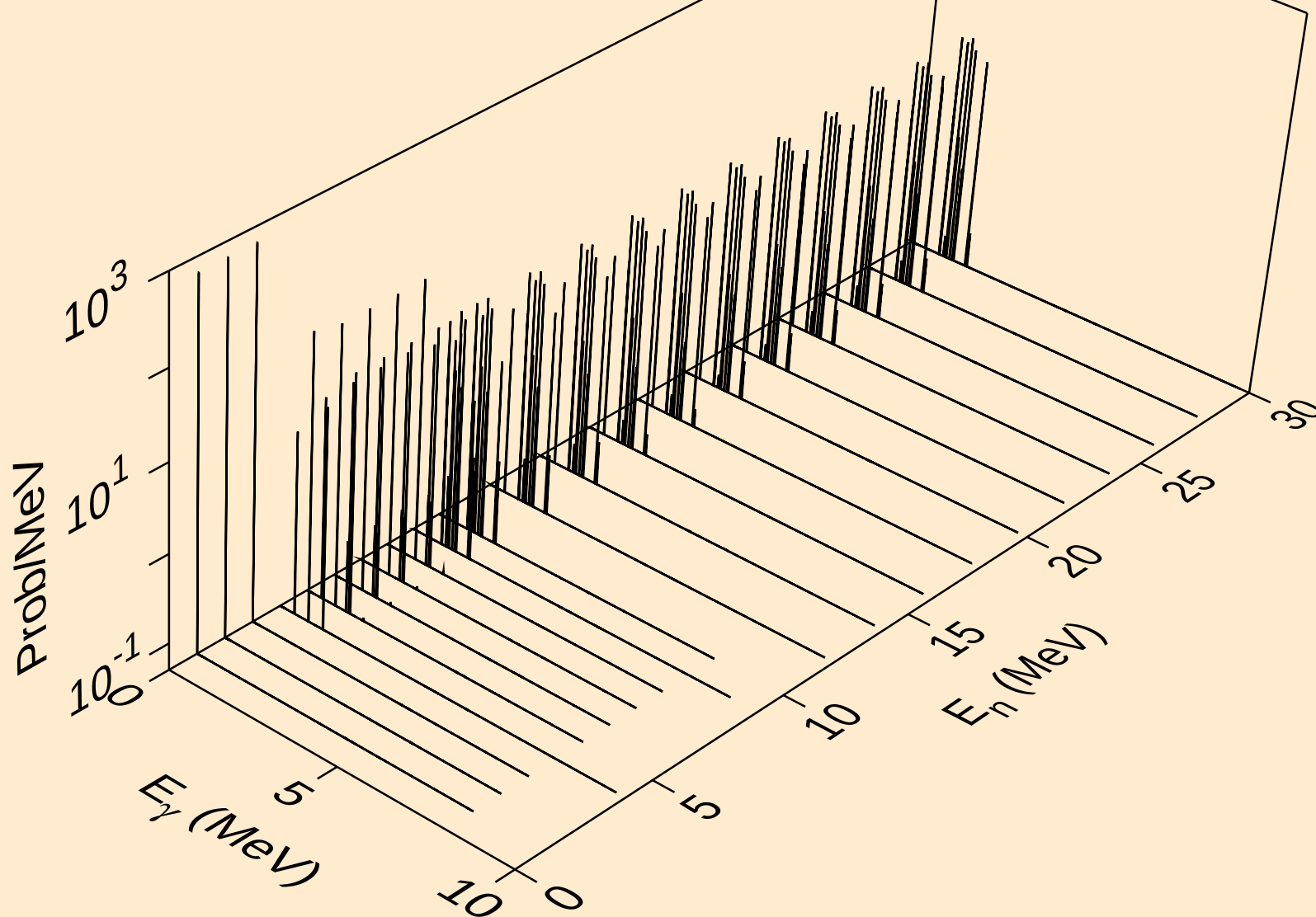
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



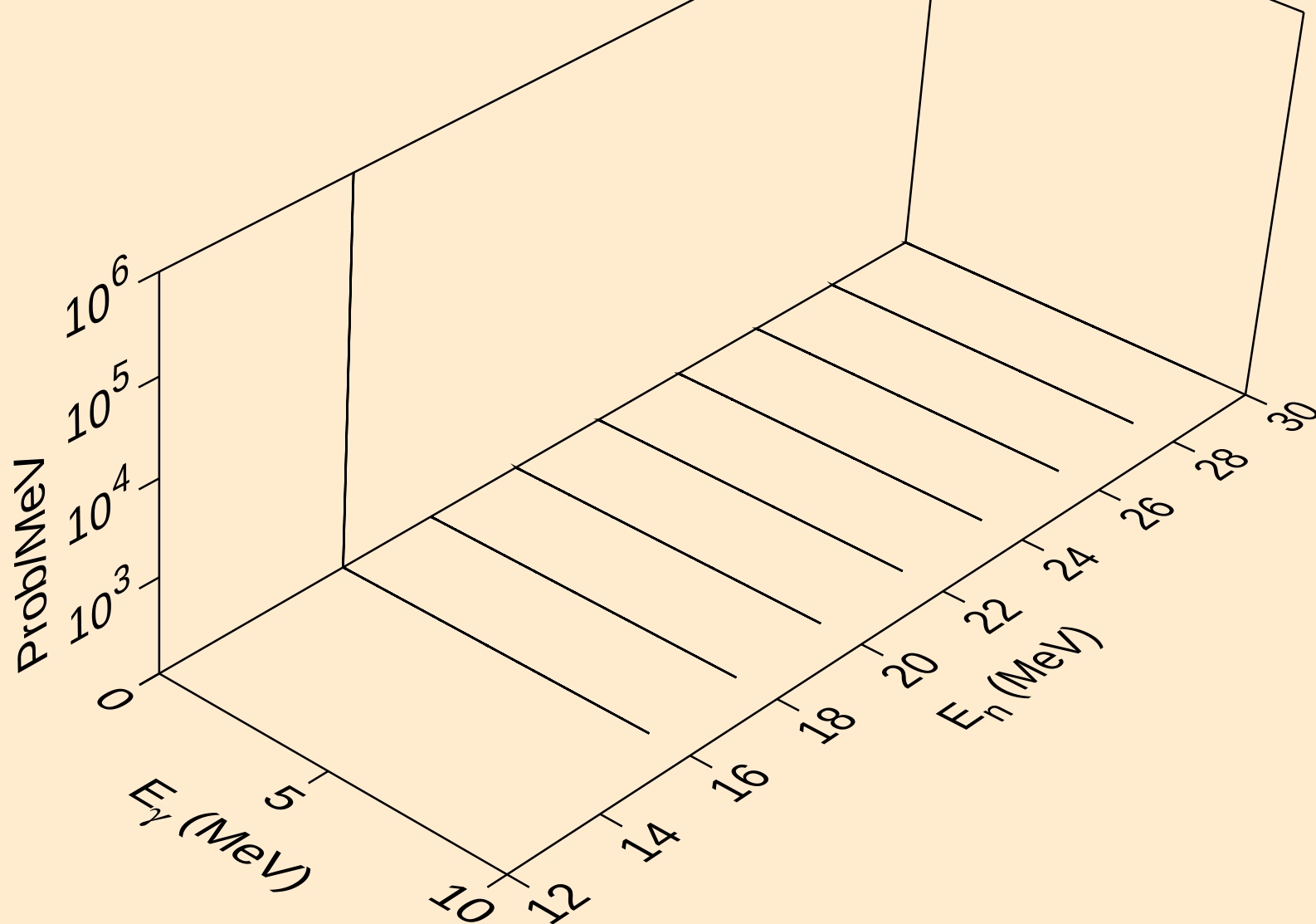
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



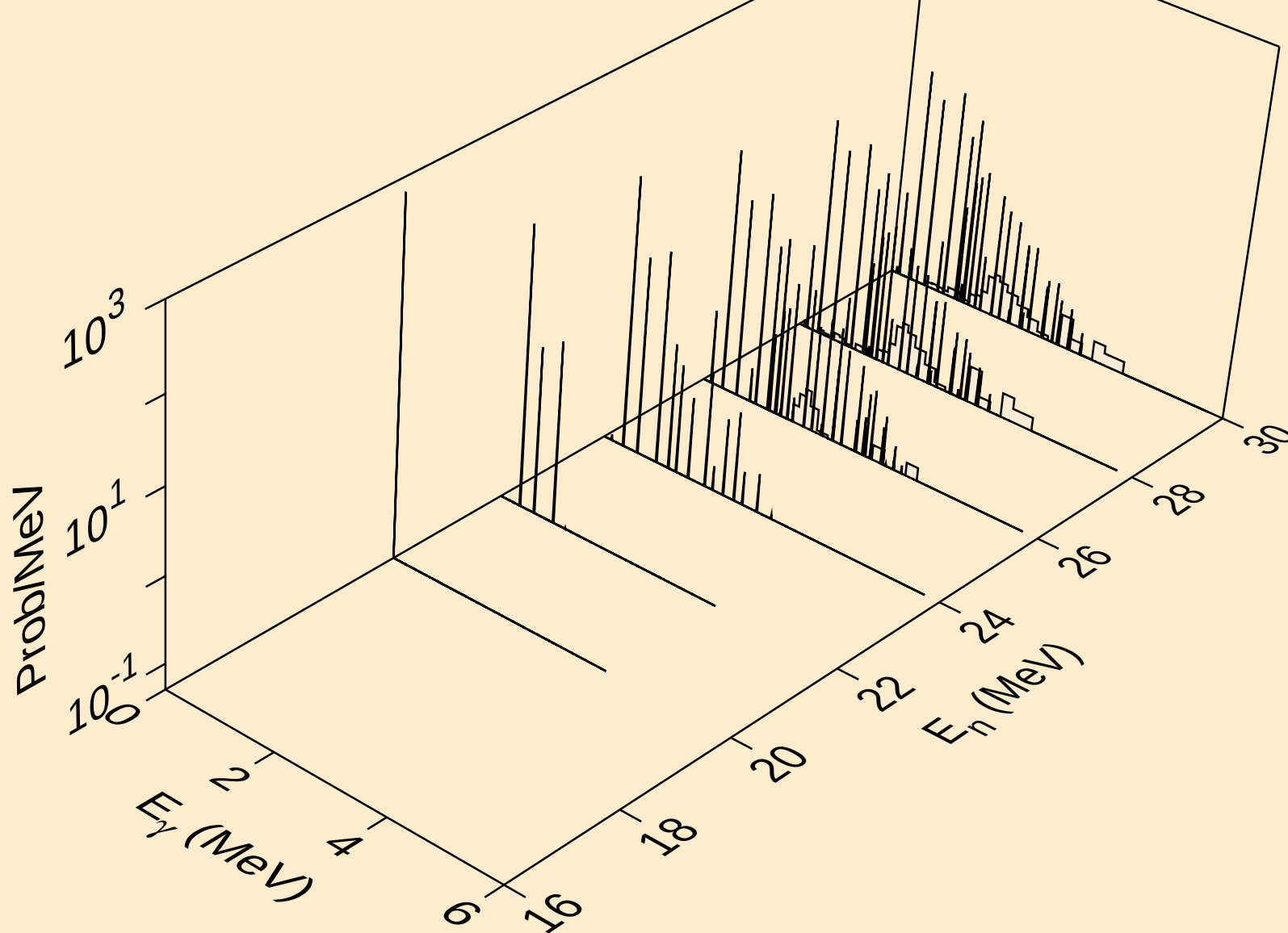
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



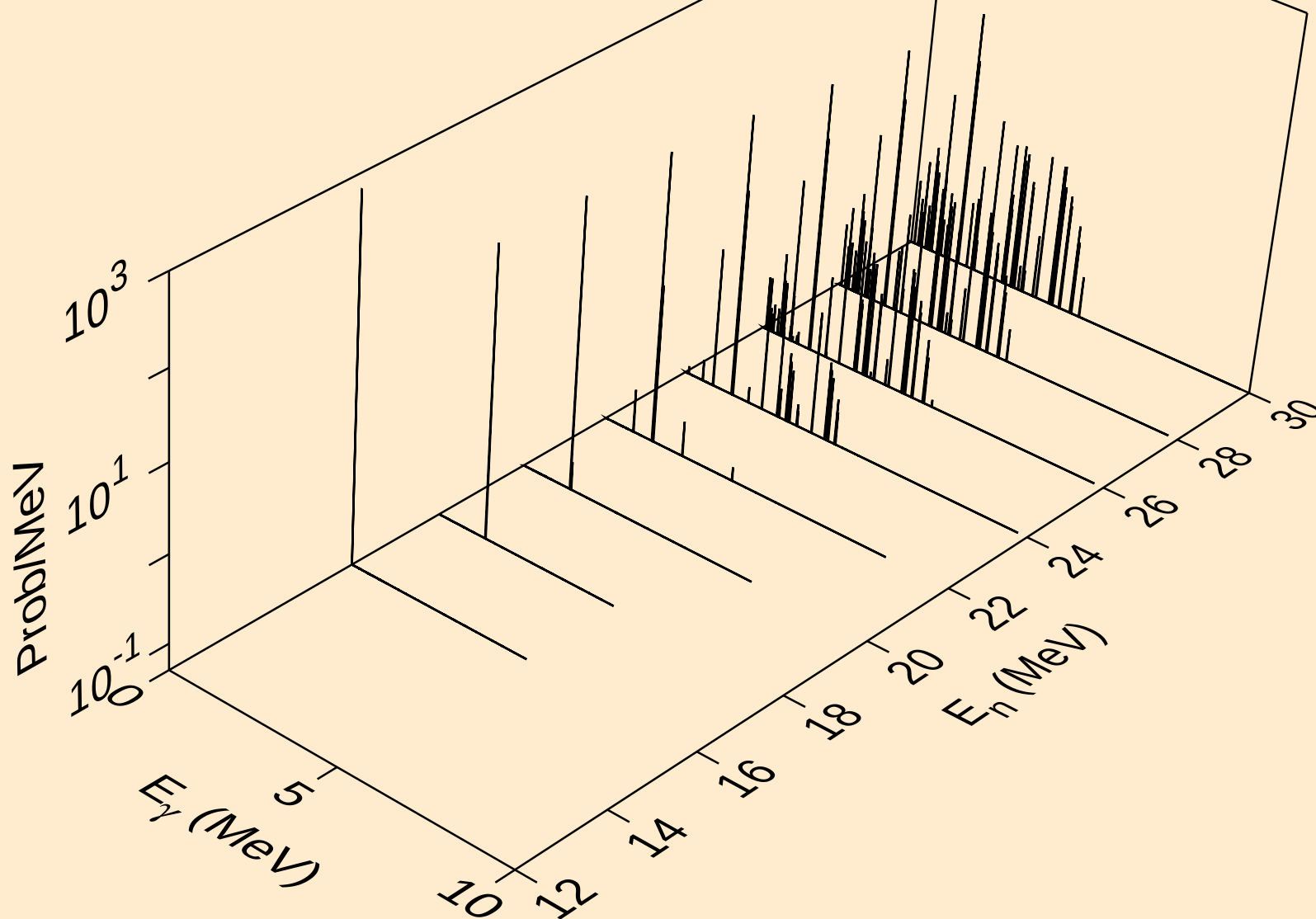
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



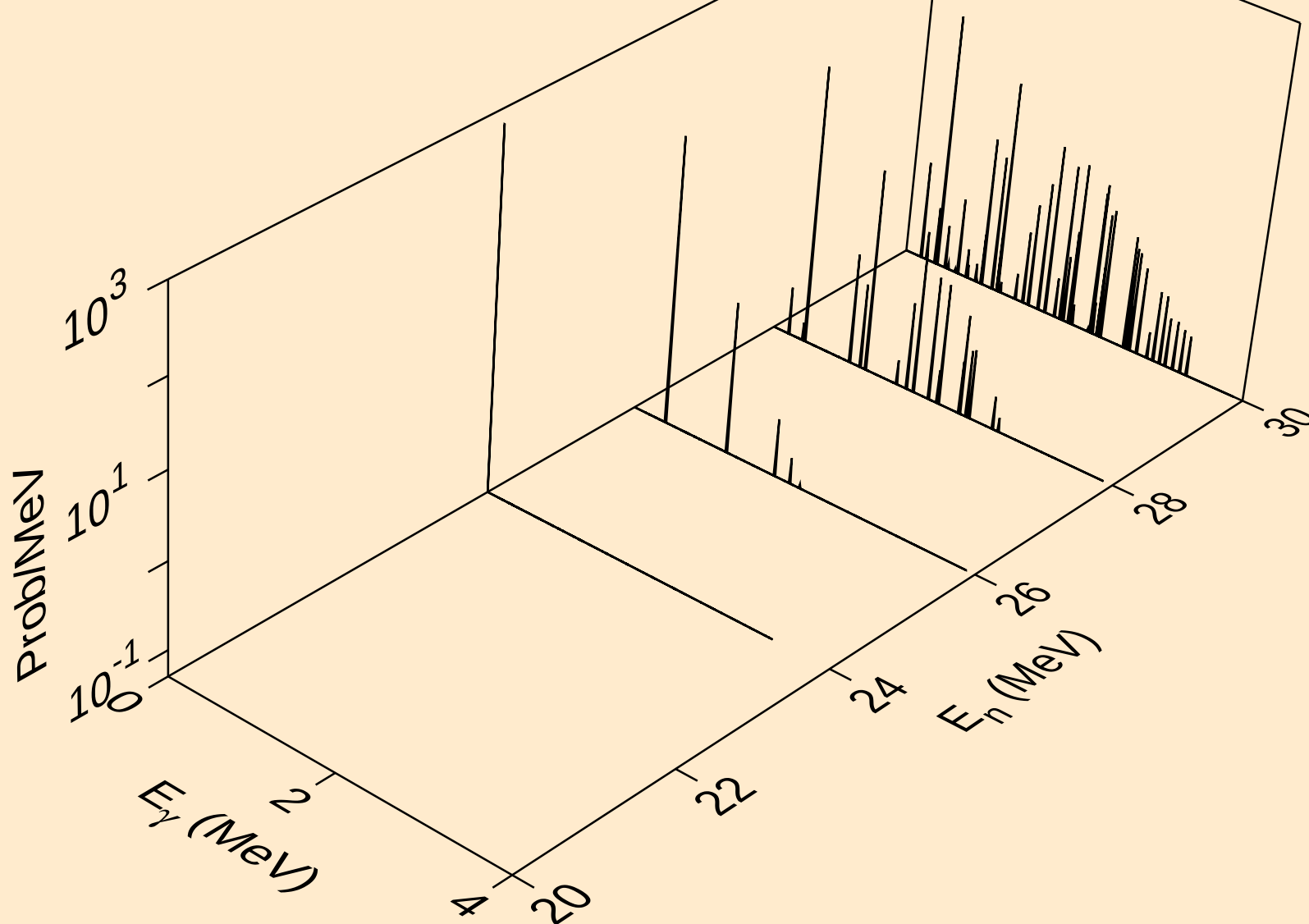
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



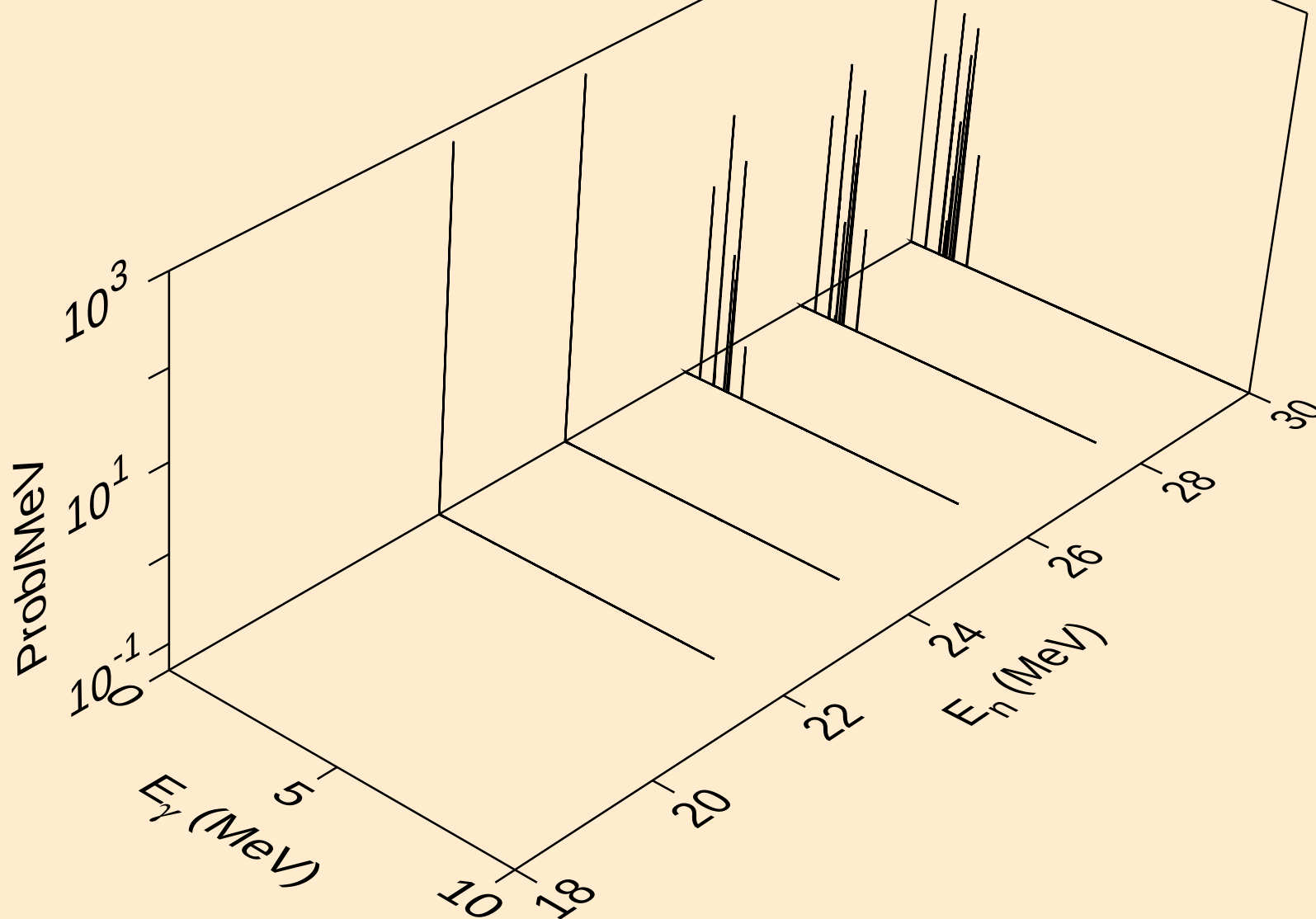
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



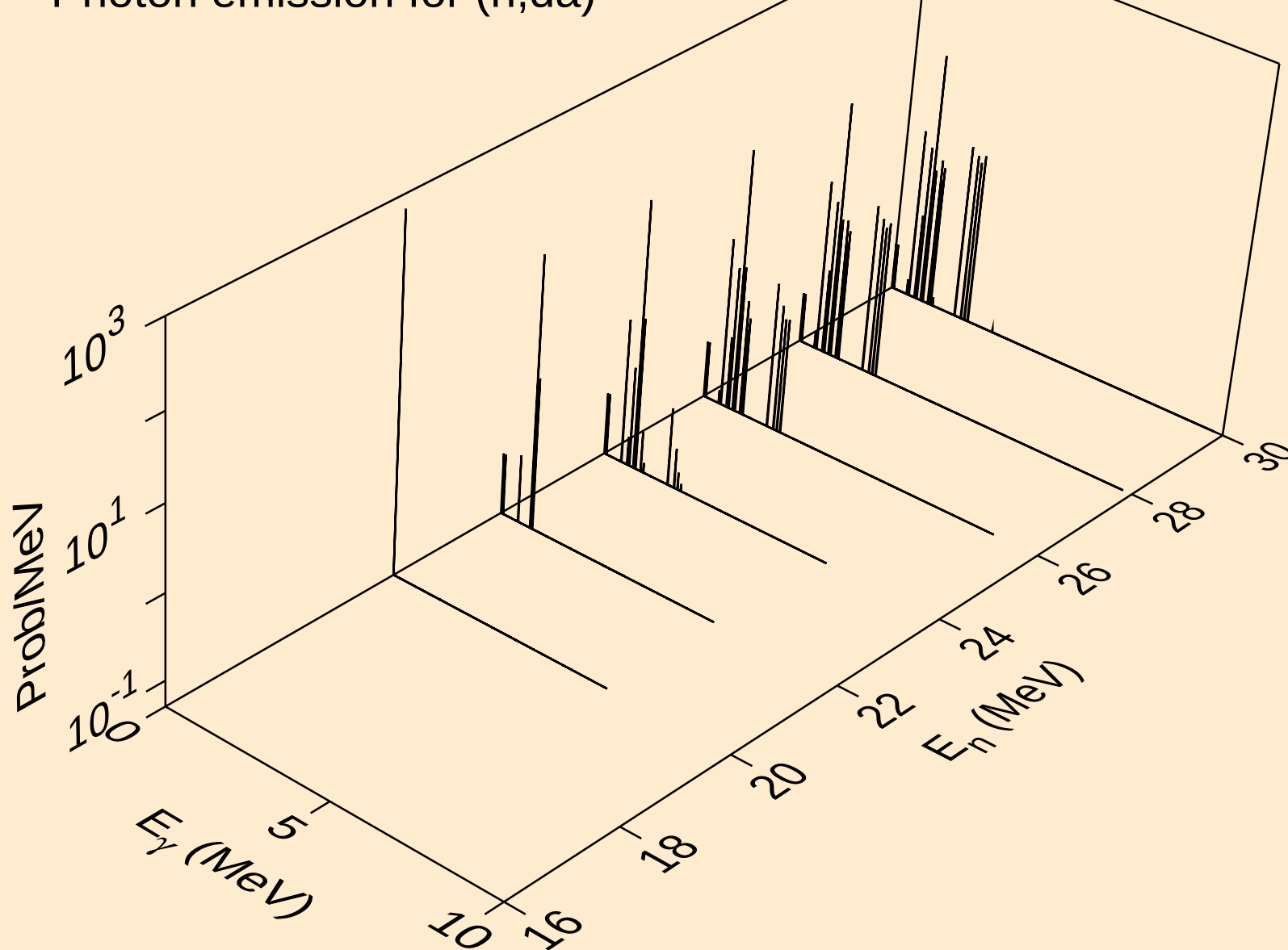
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

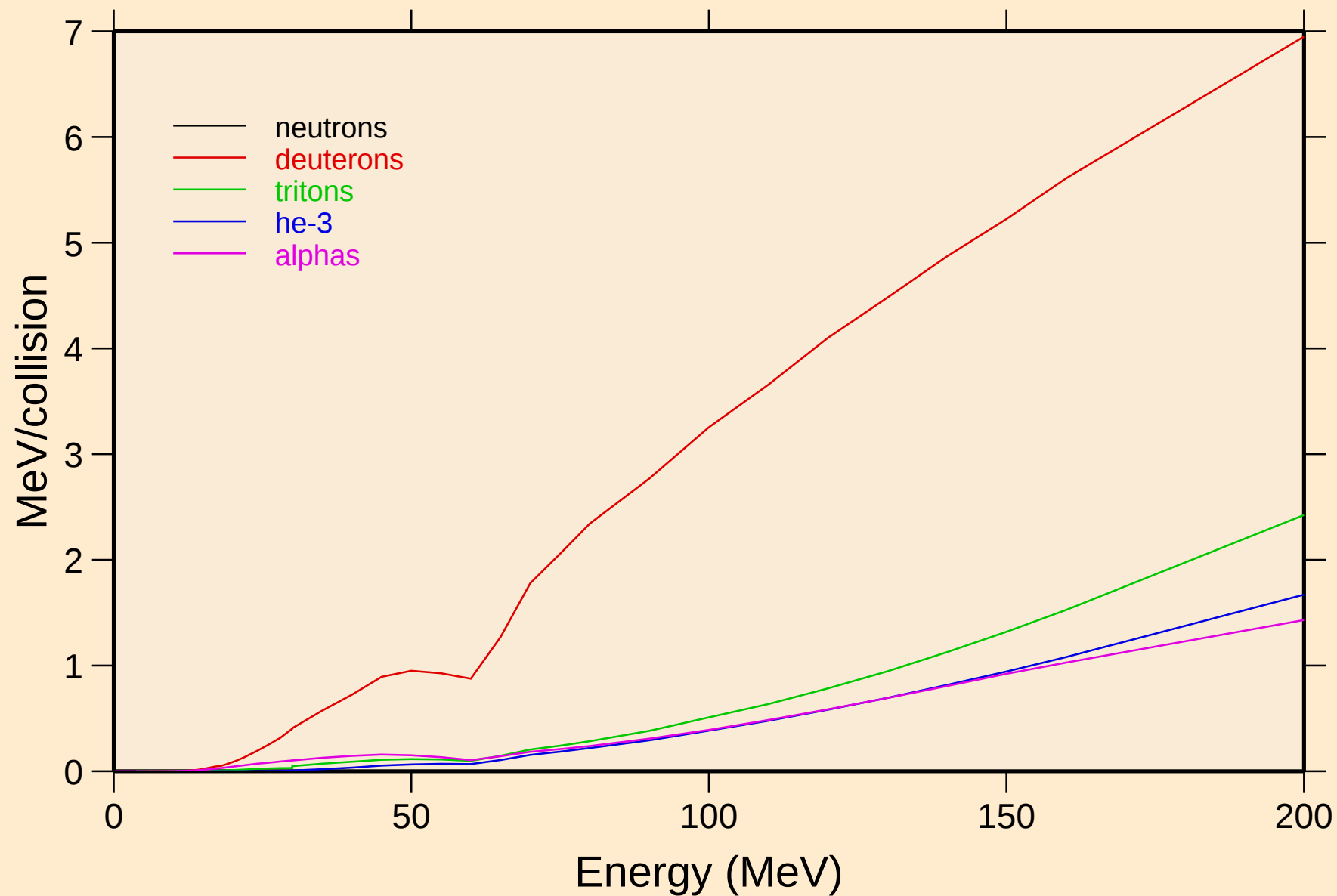


S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



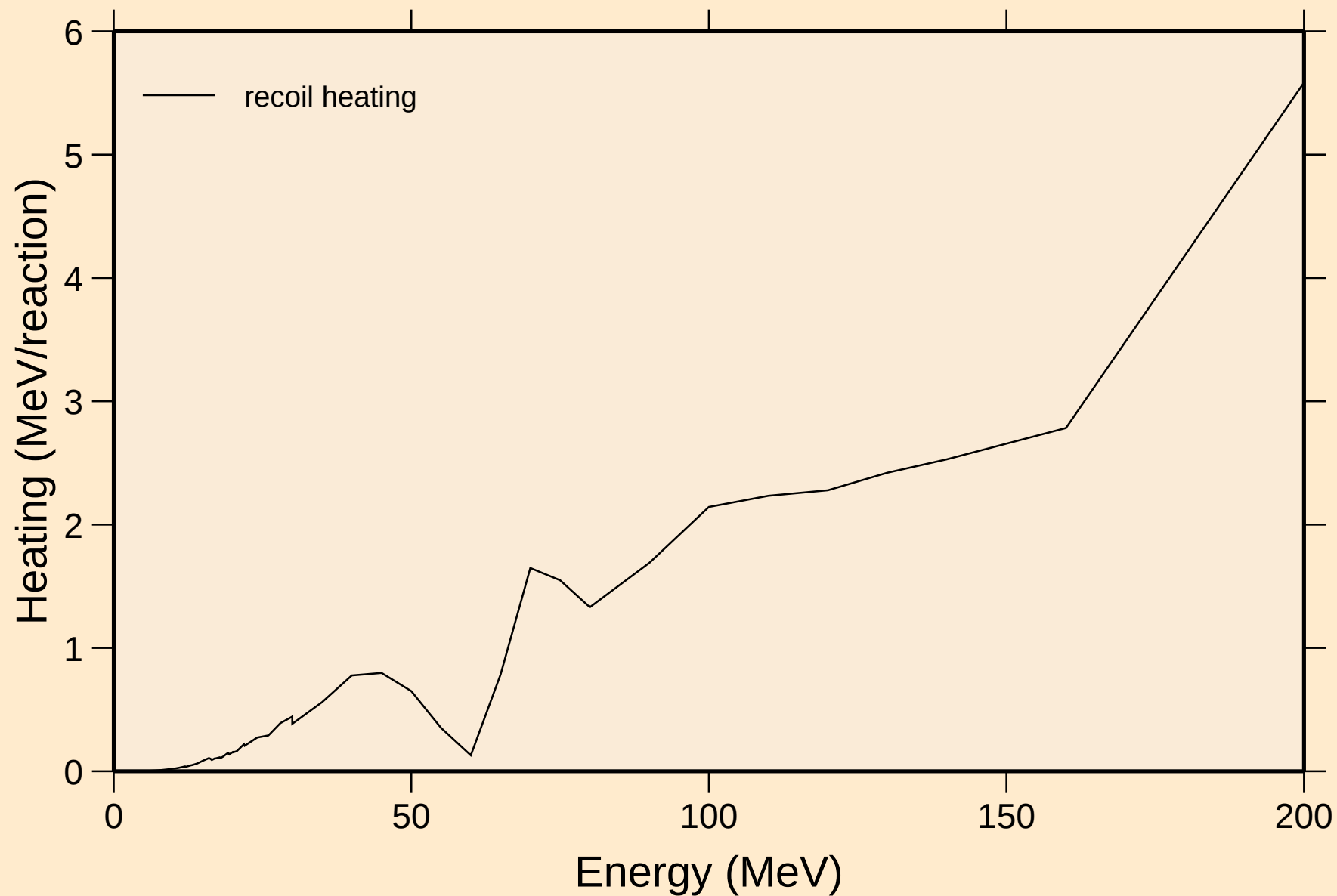
# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



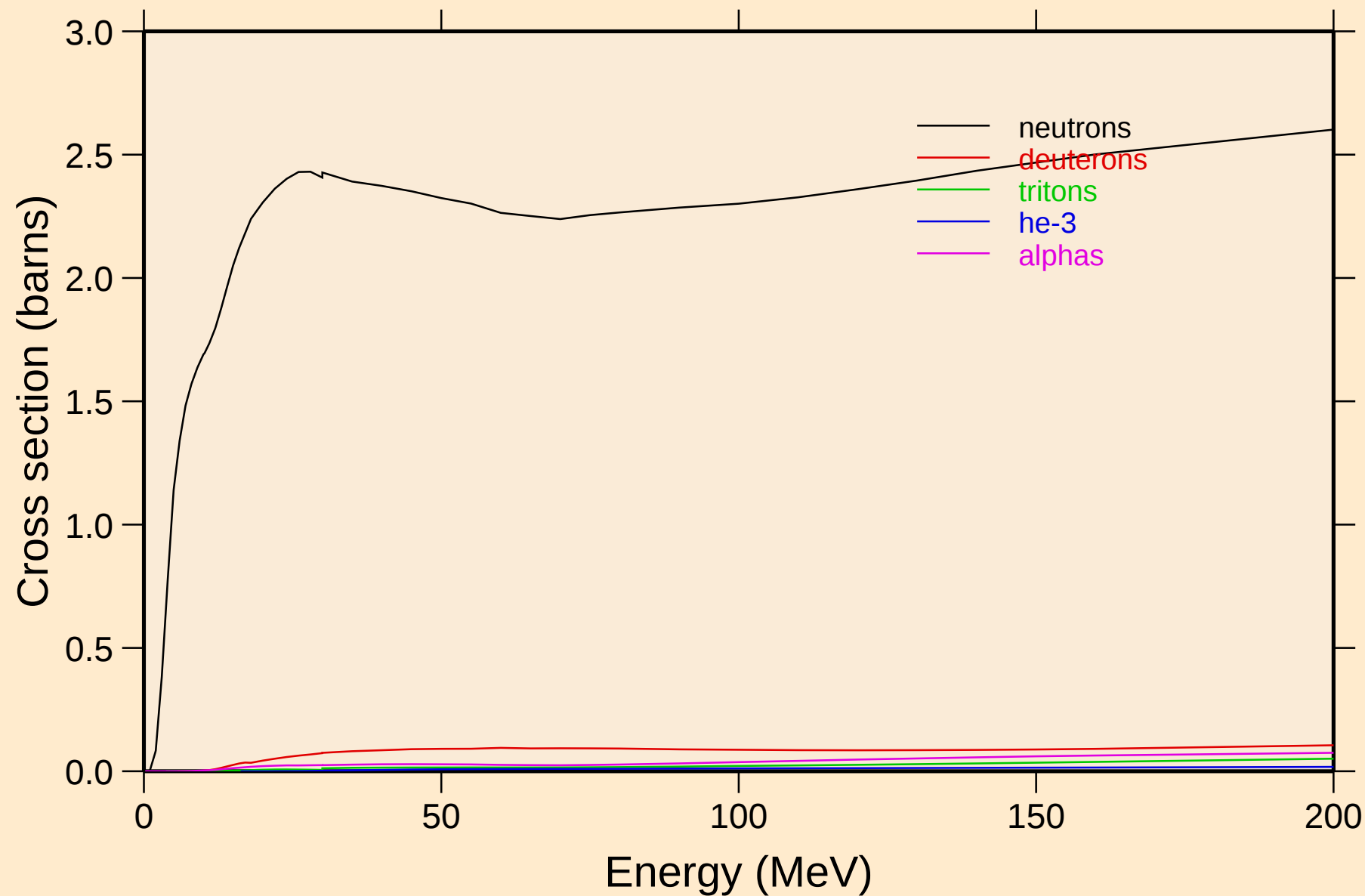
# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

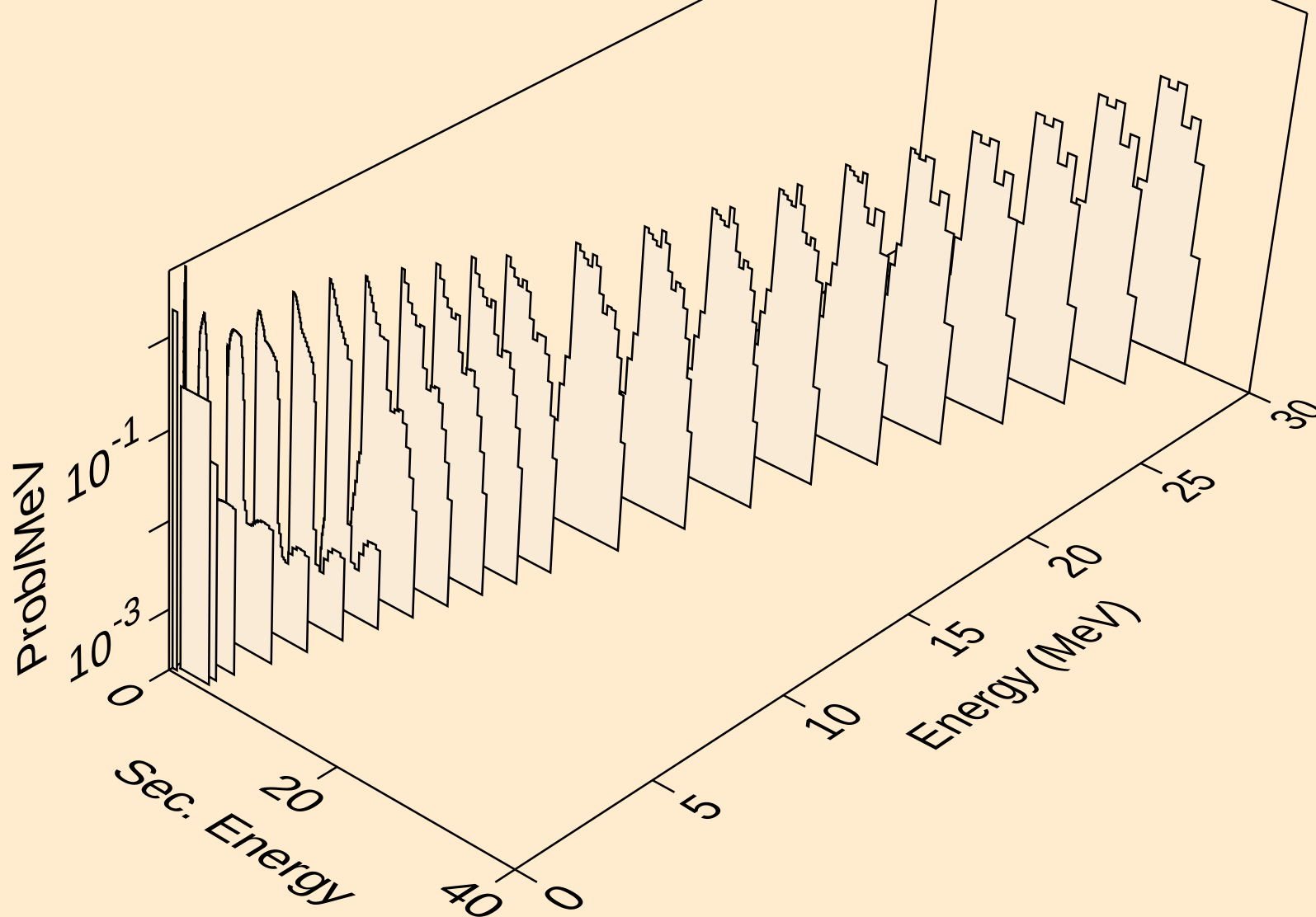


# S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K

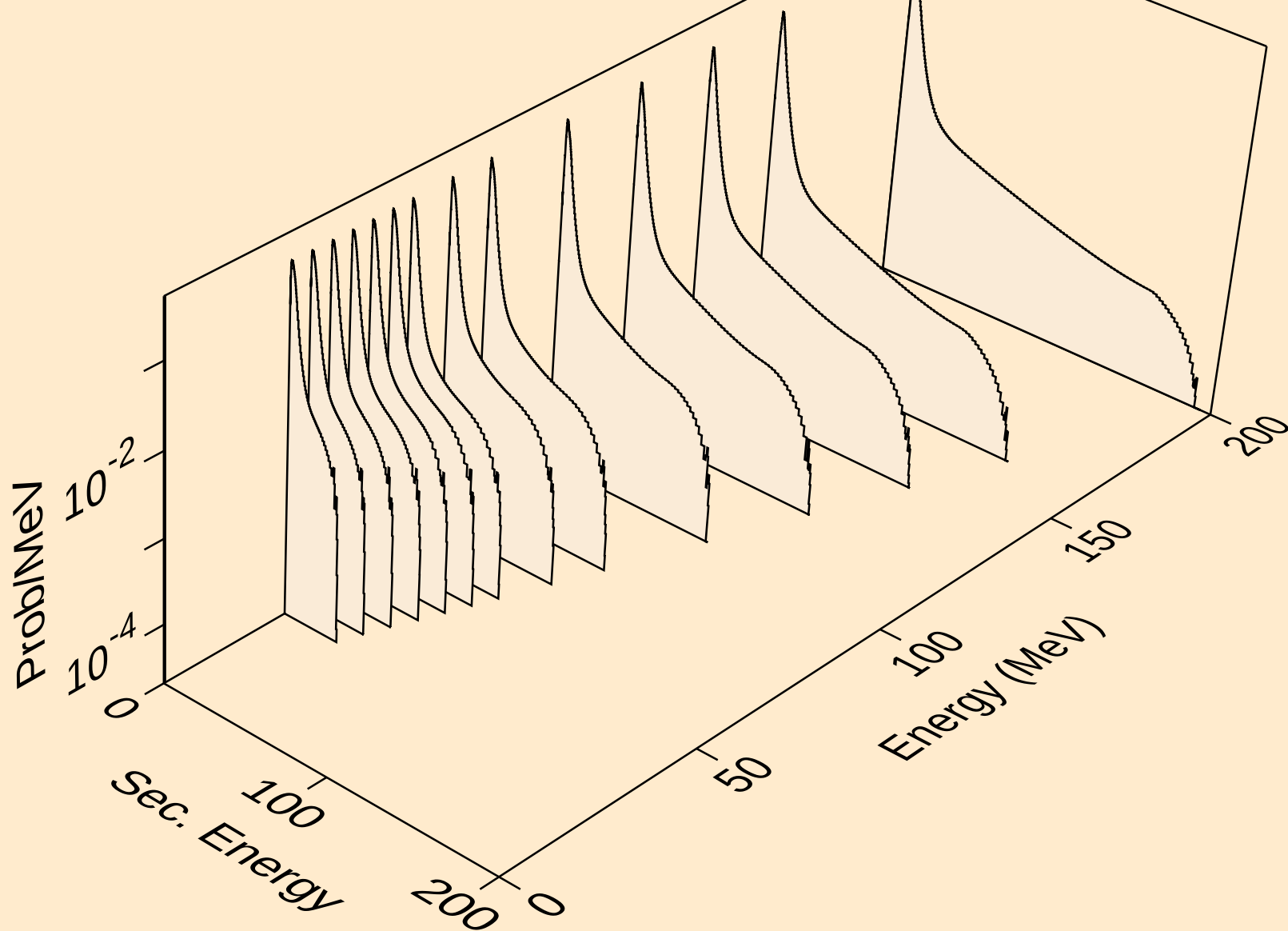
## Particle production cross sections



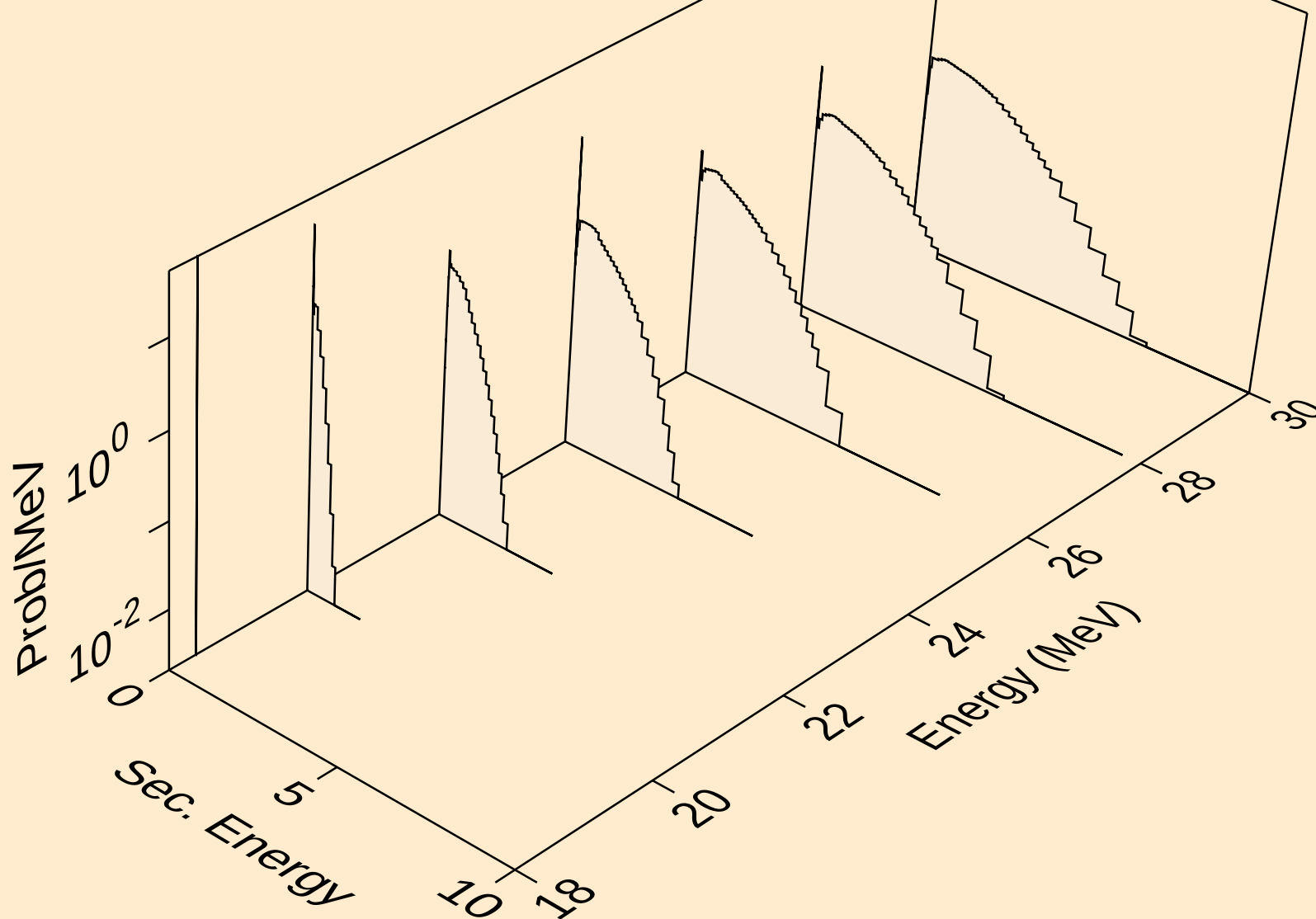
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



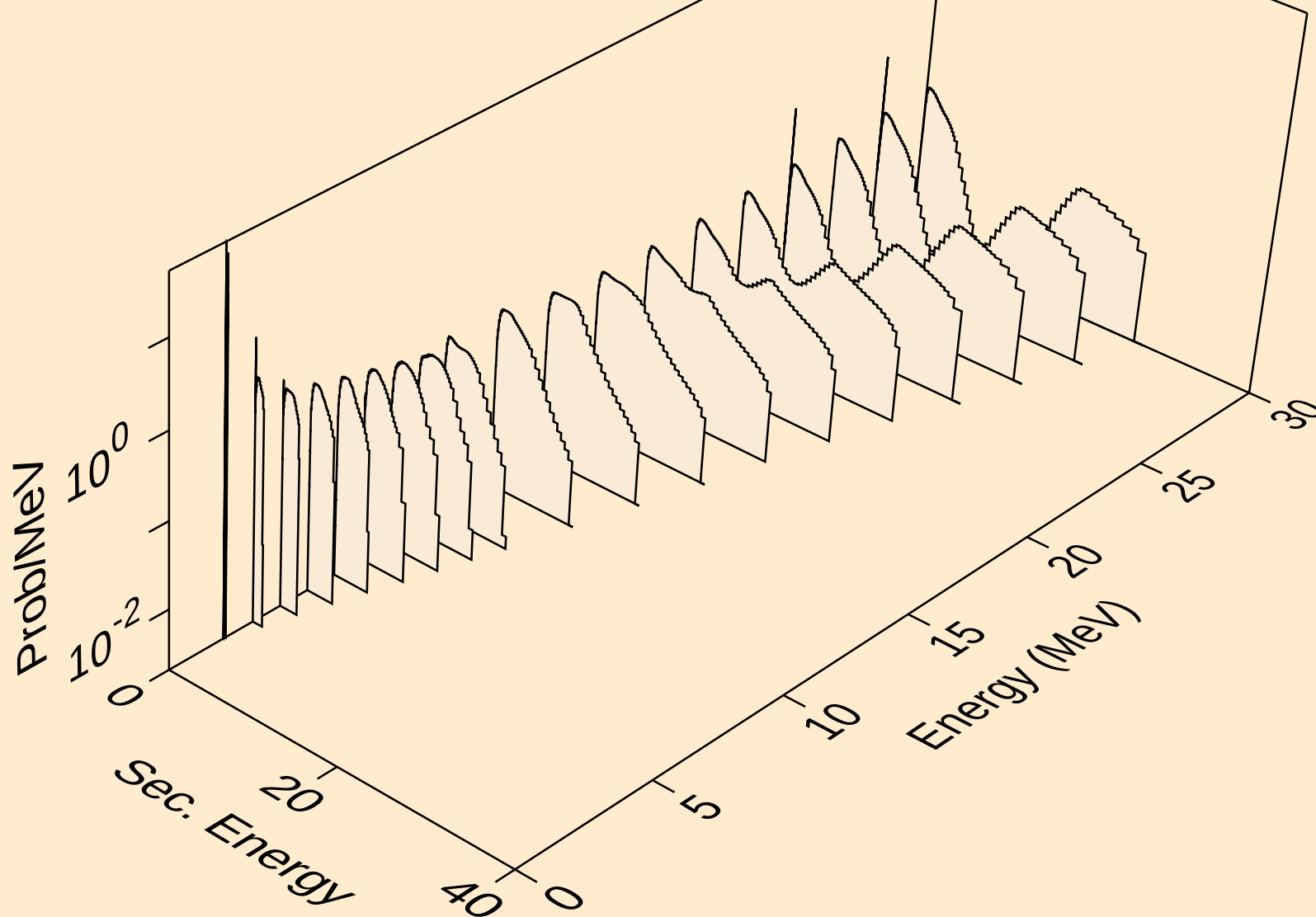
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



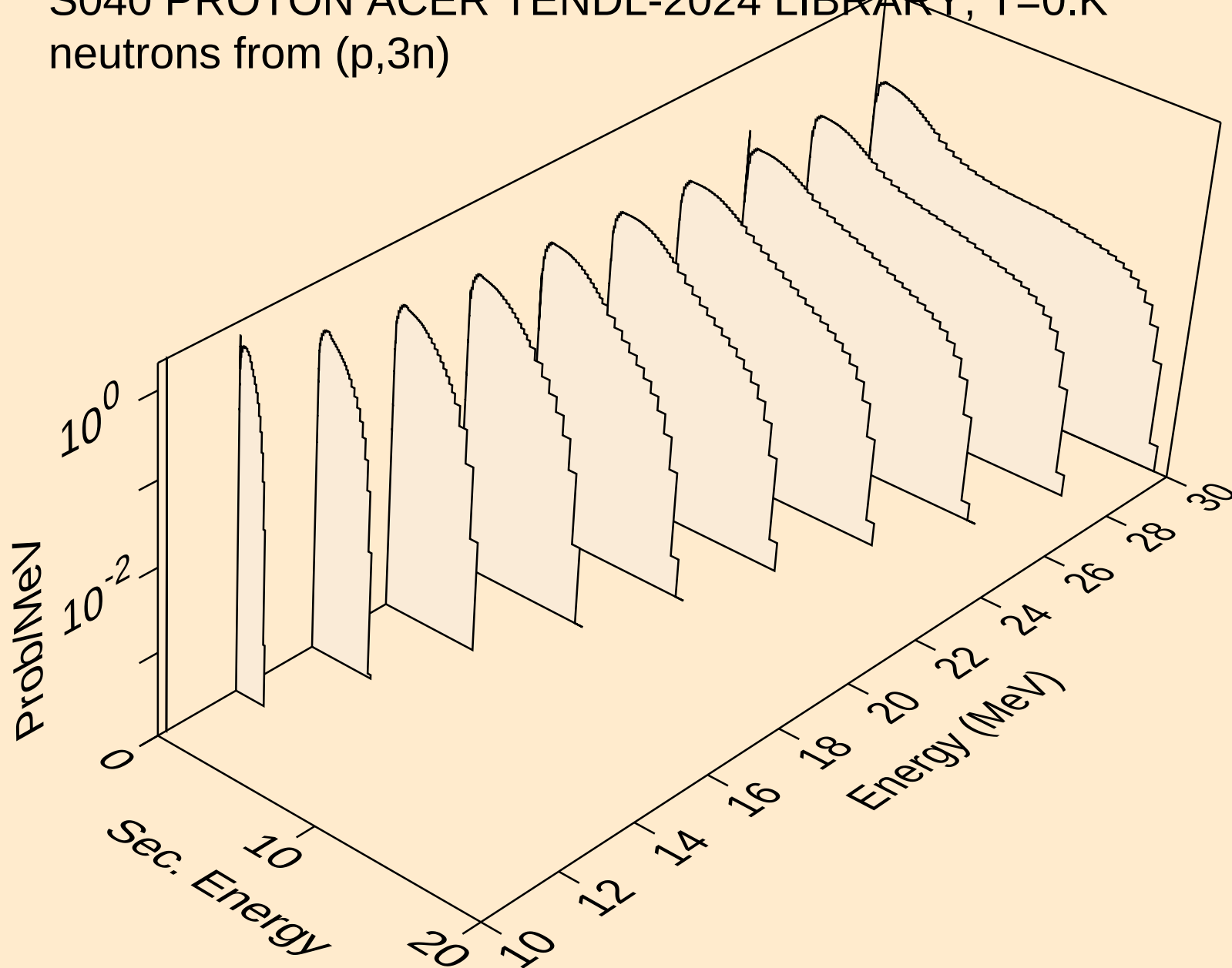
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



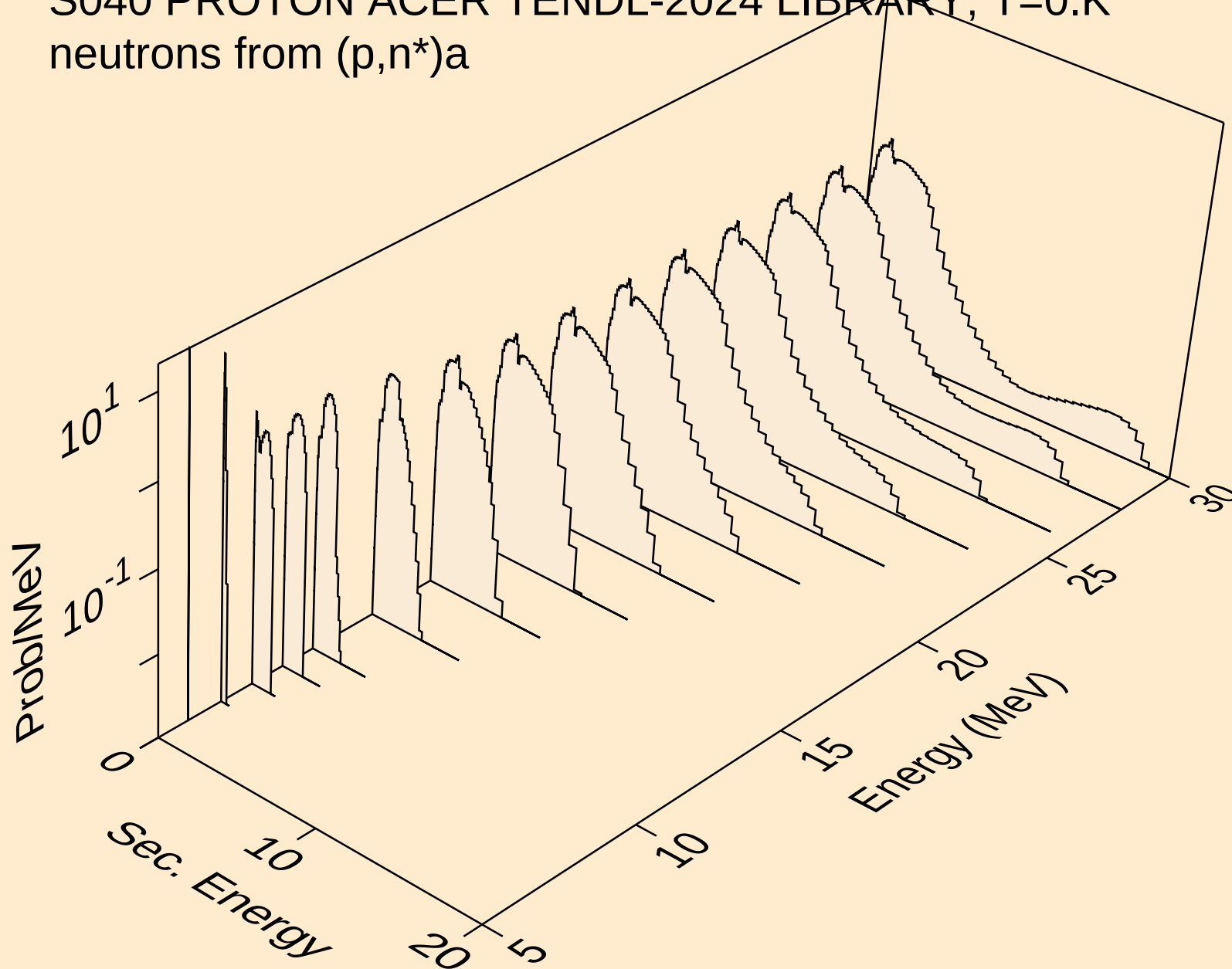
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



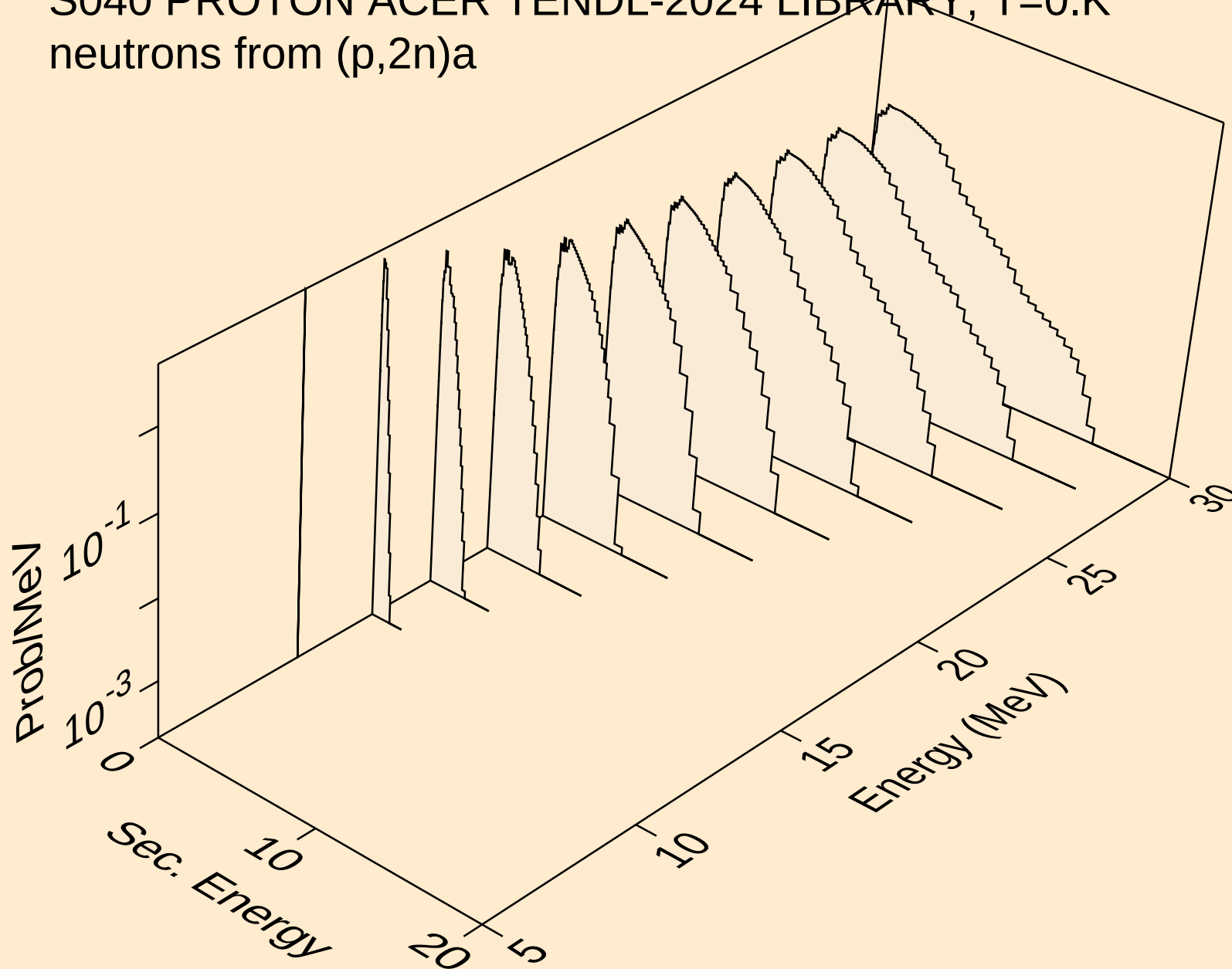
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



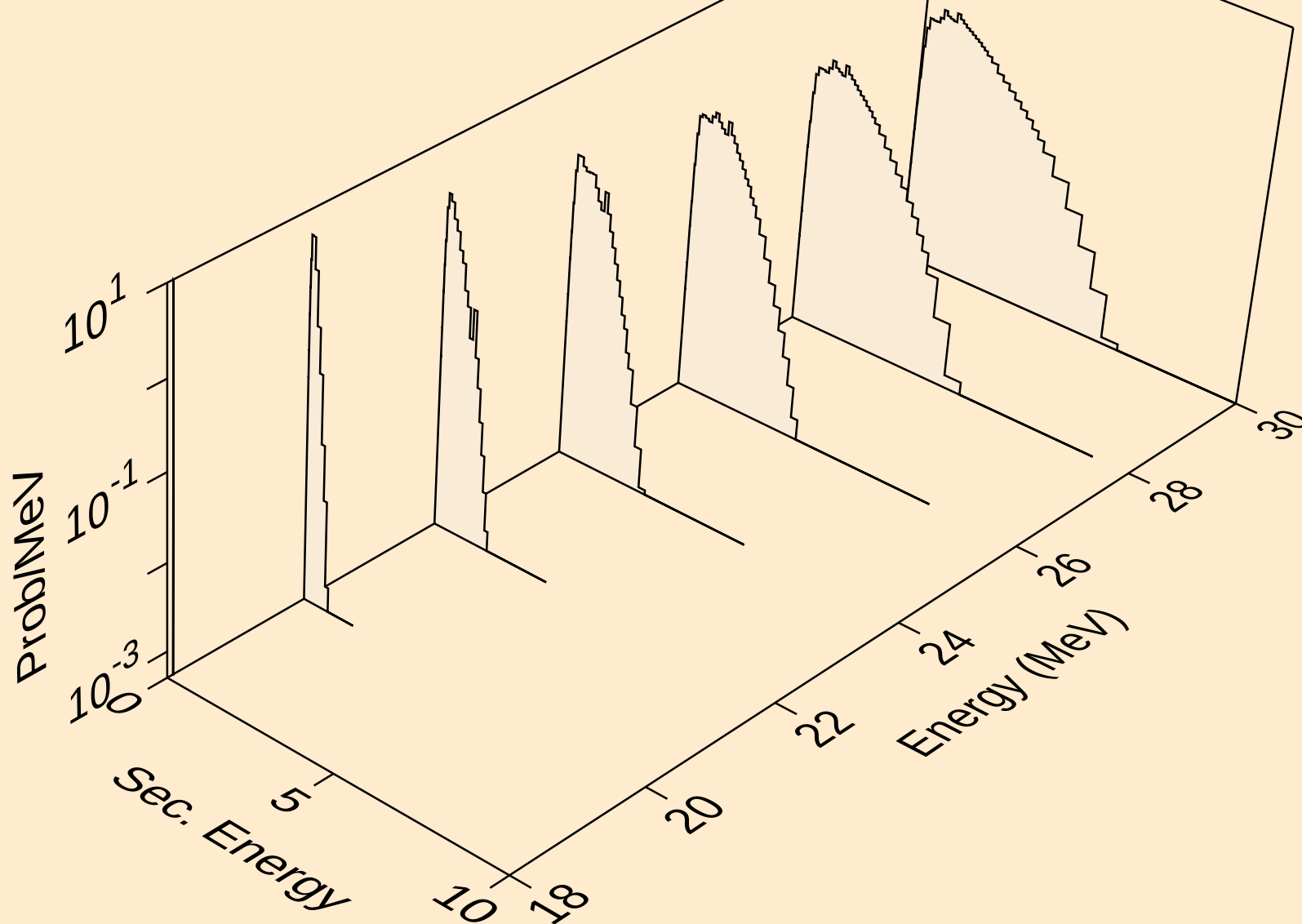
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



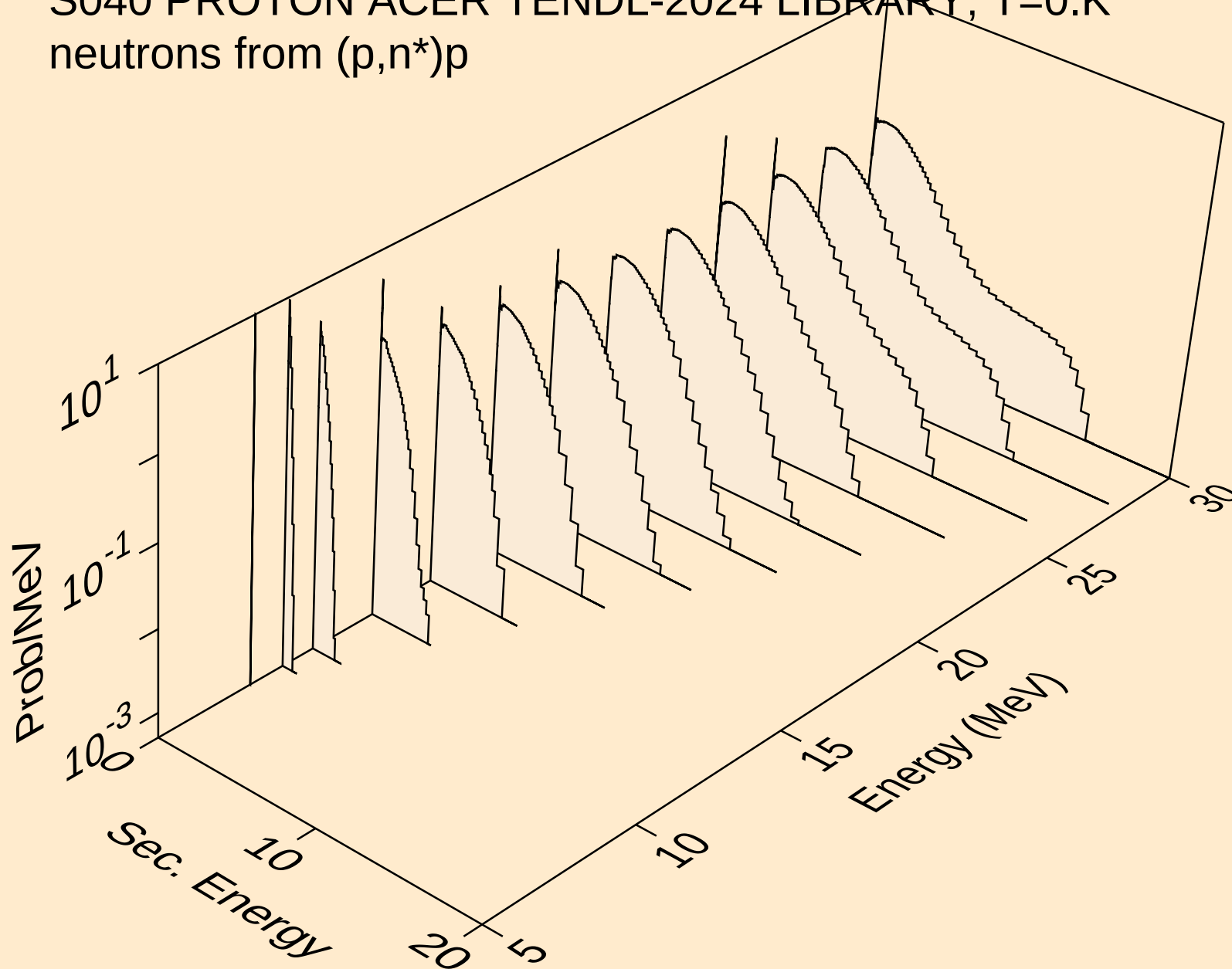
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



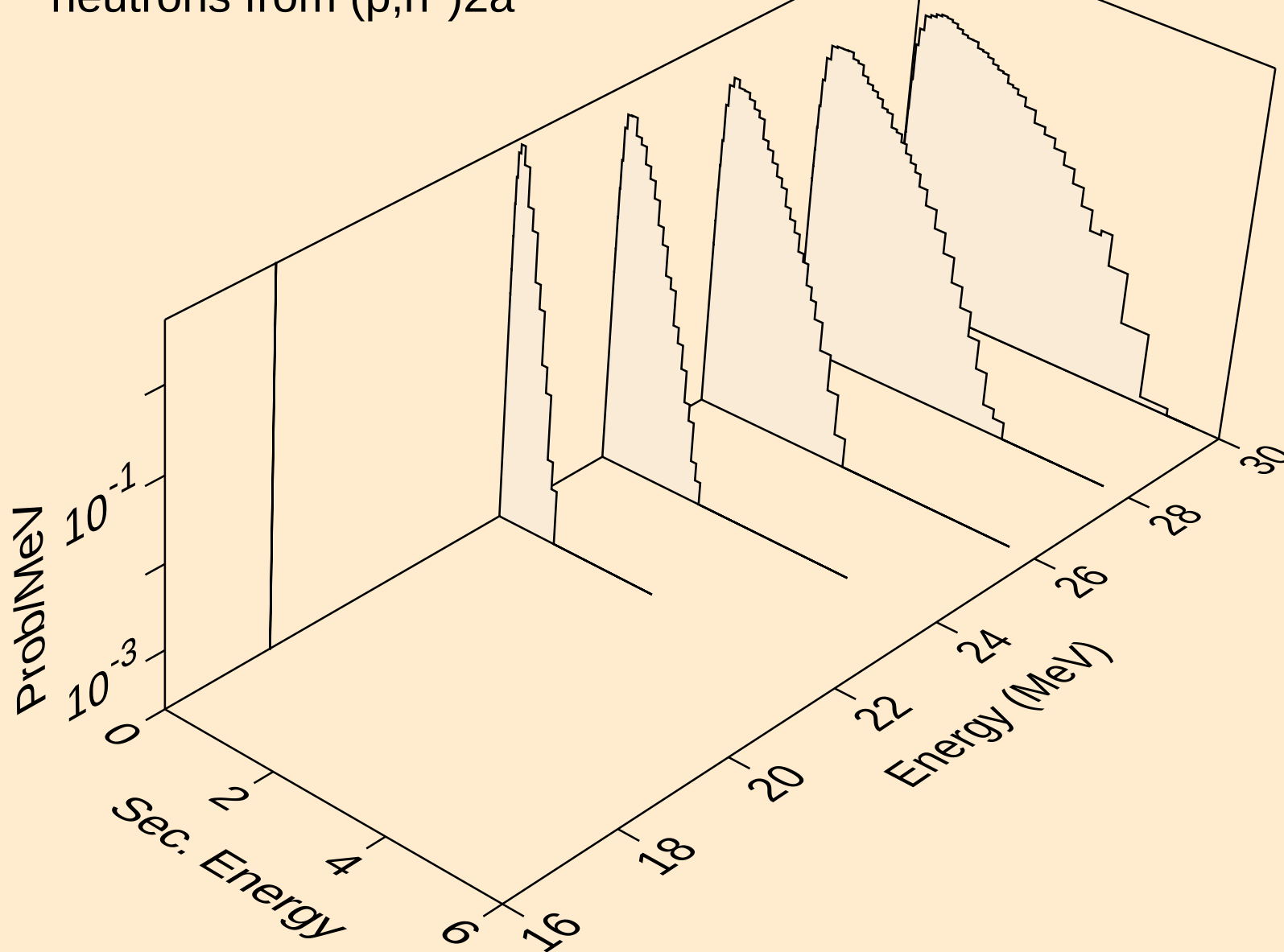
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



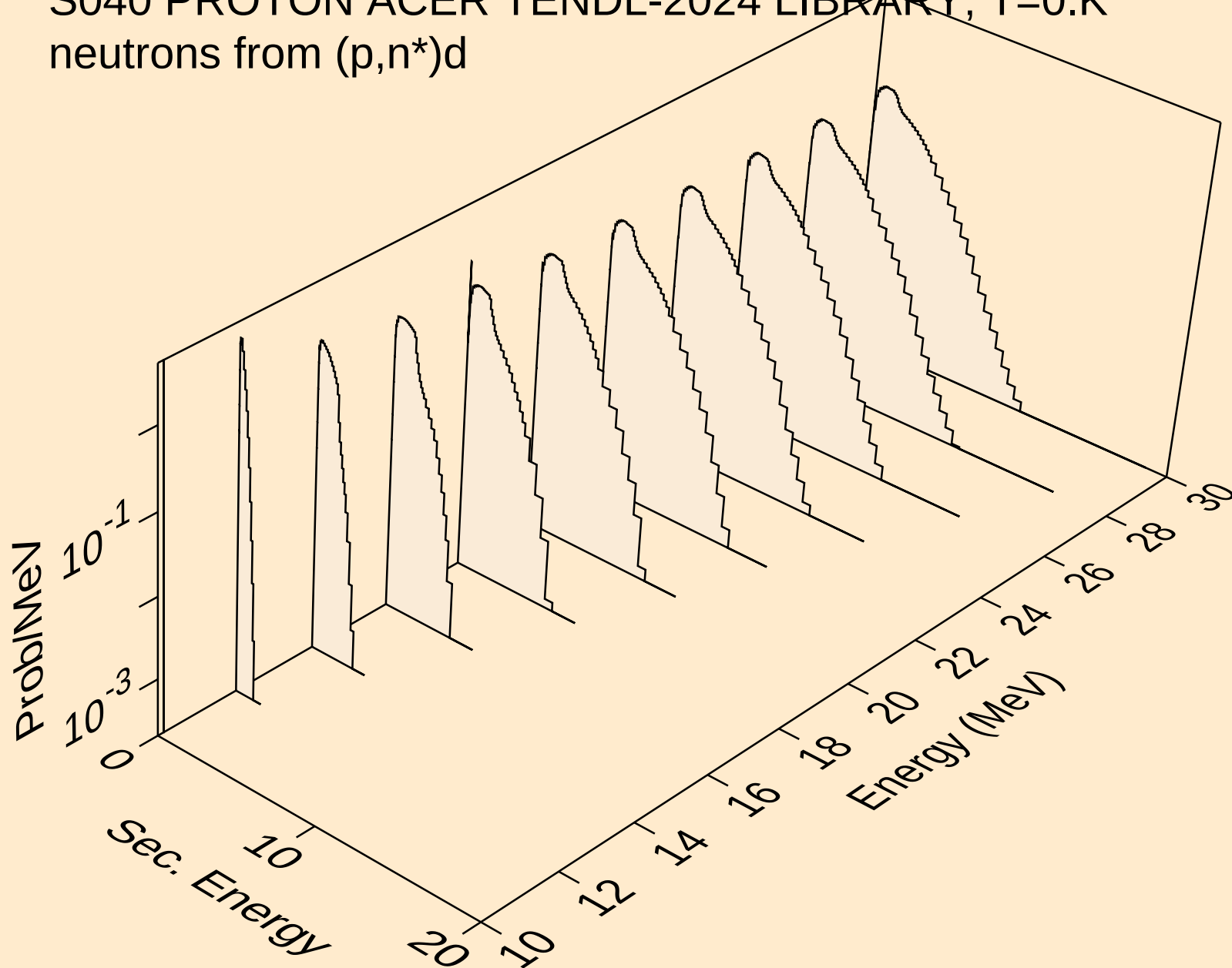
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



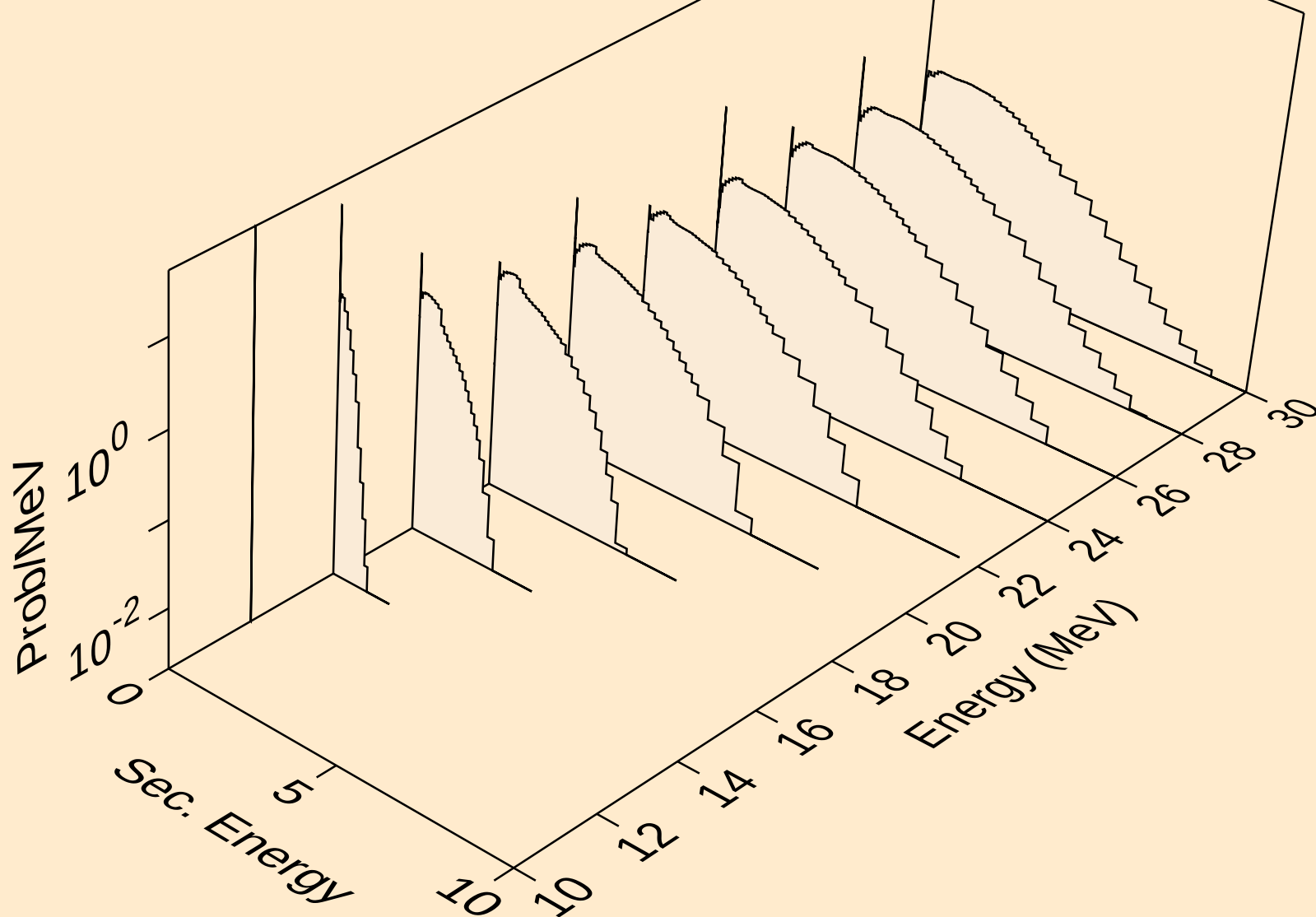
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



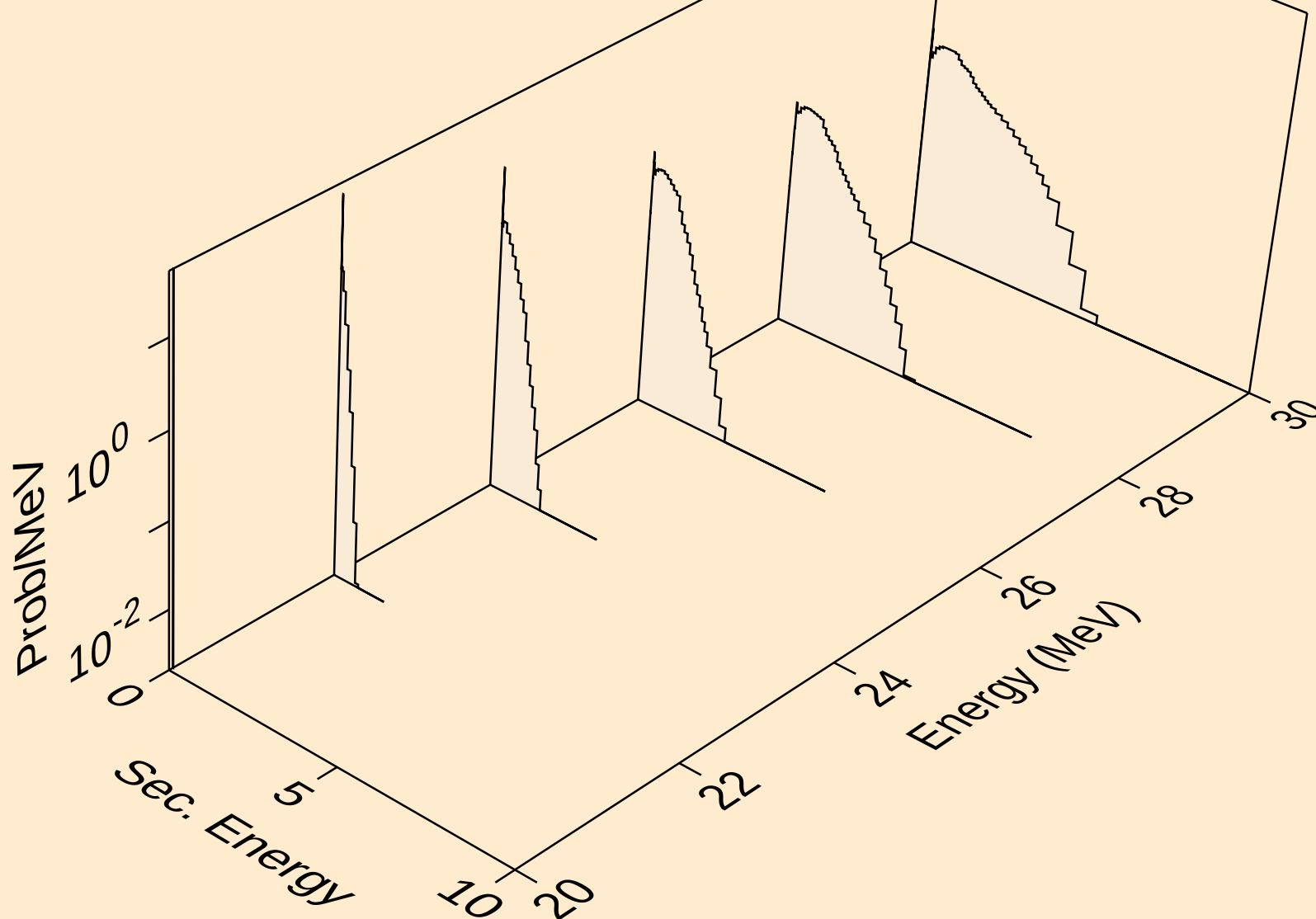
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



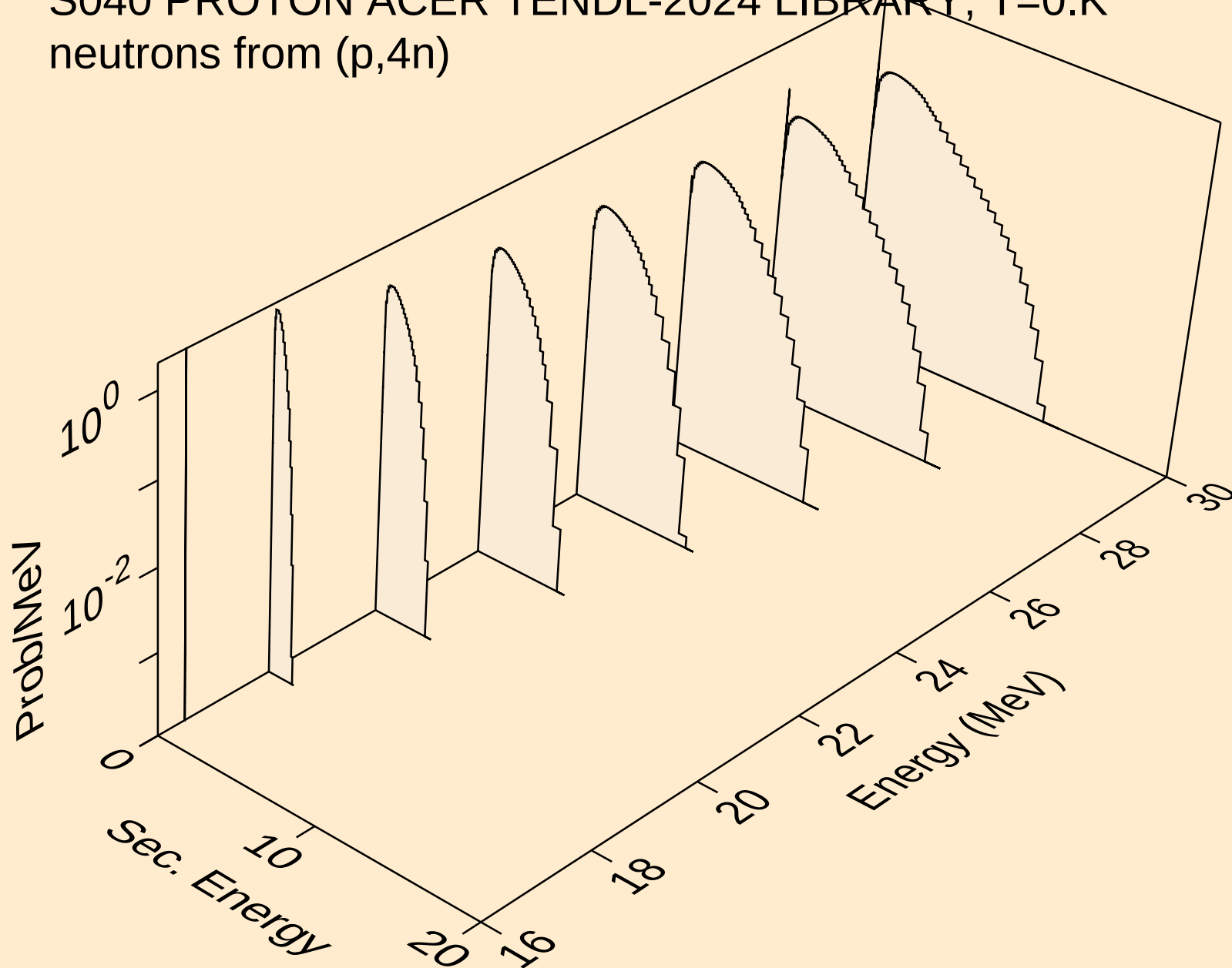
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



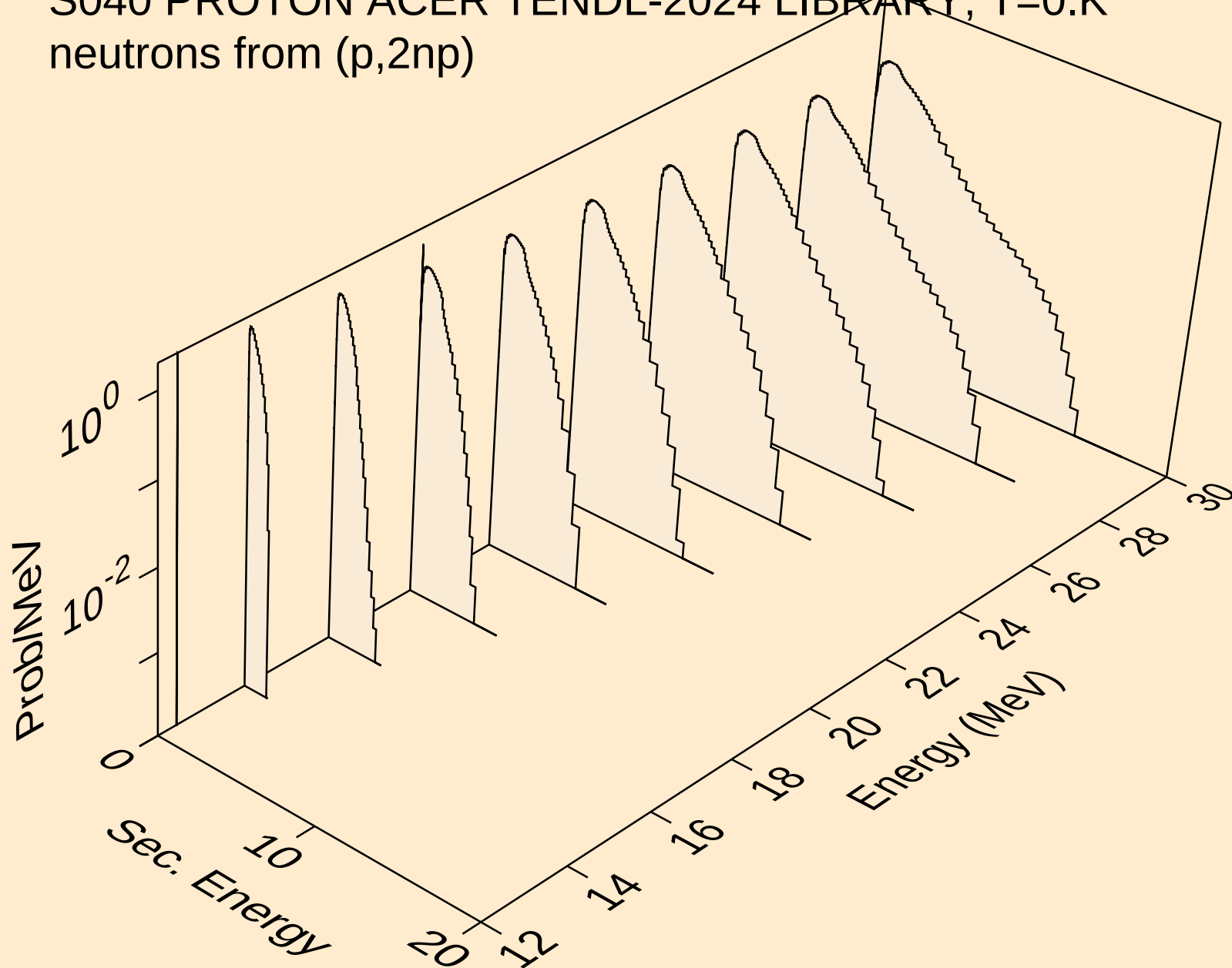
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



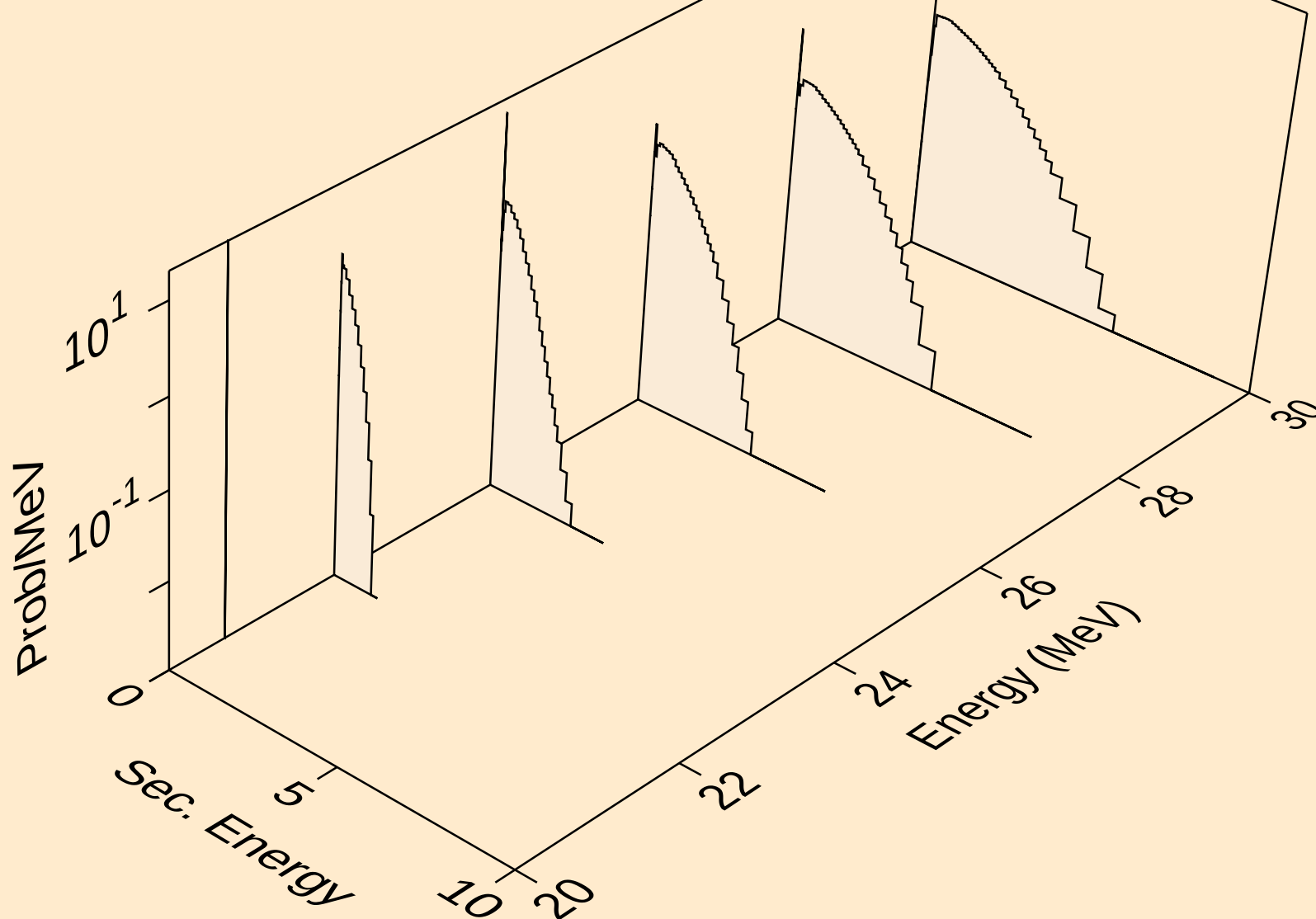
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



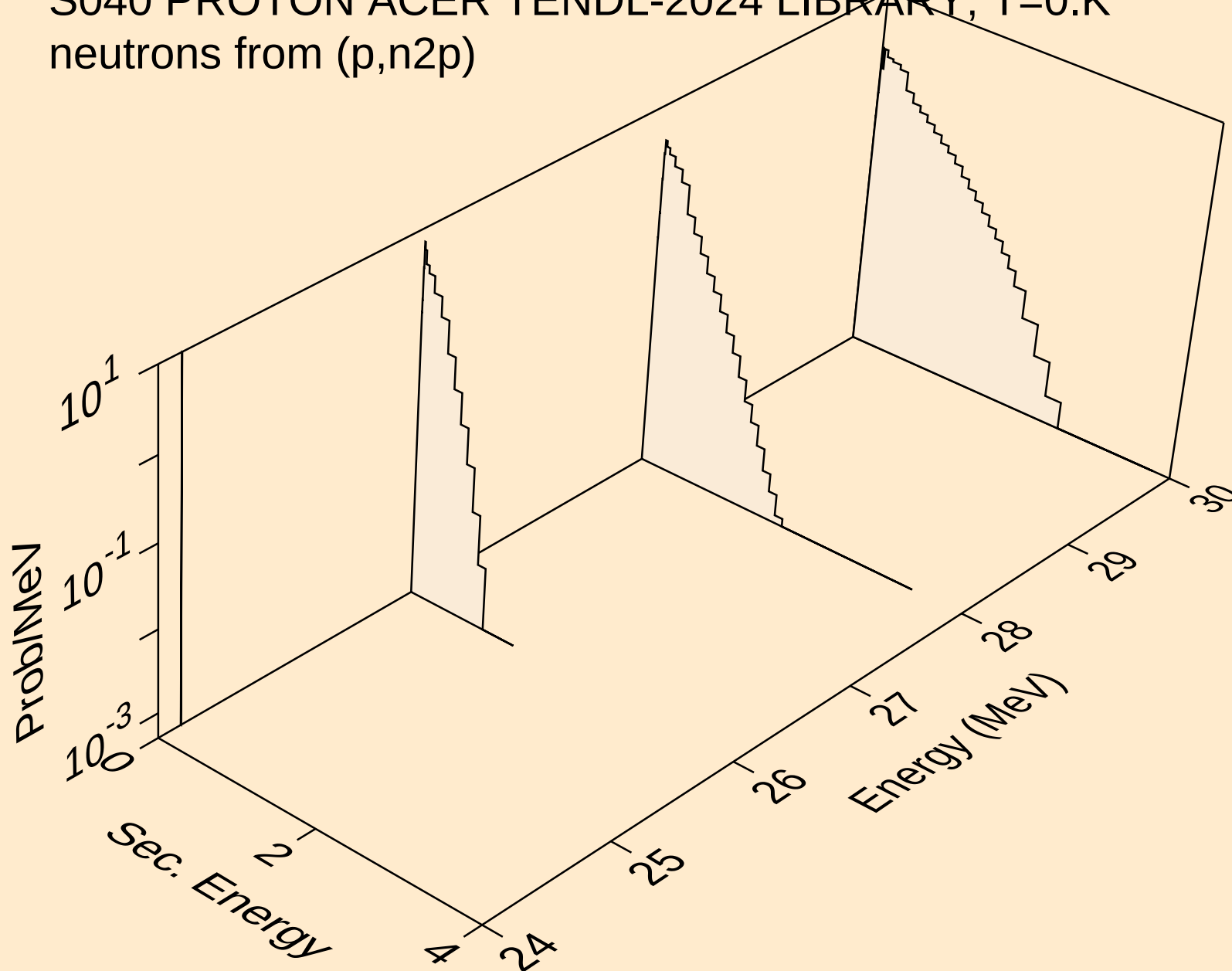
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



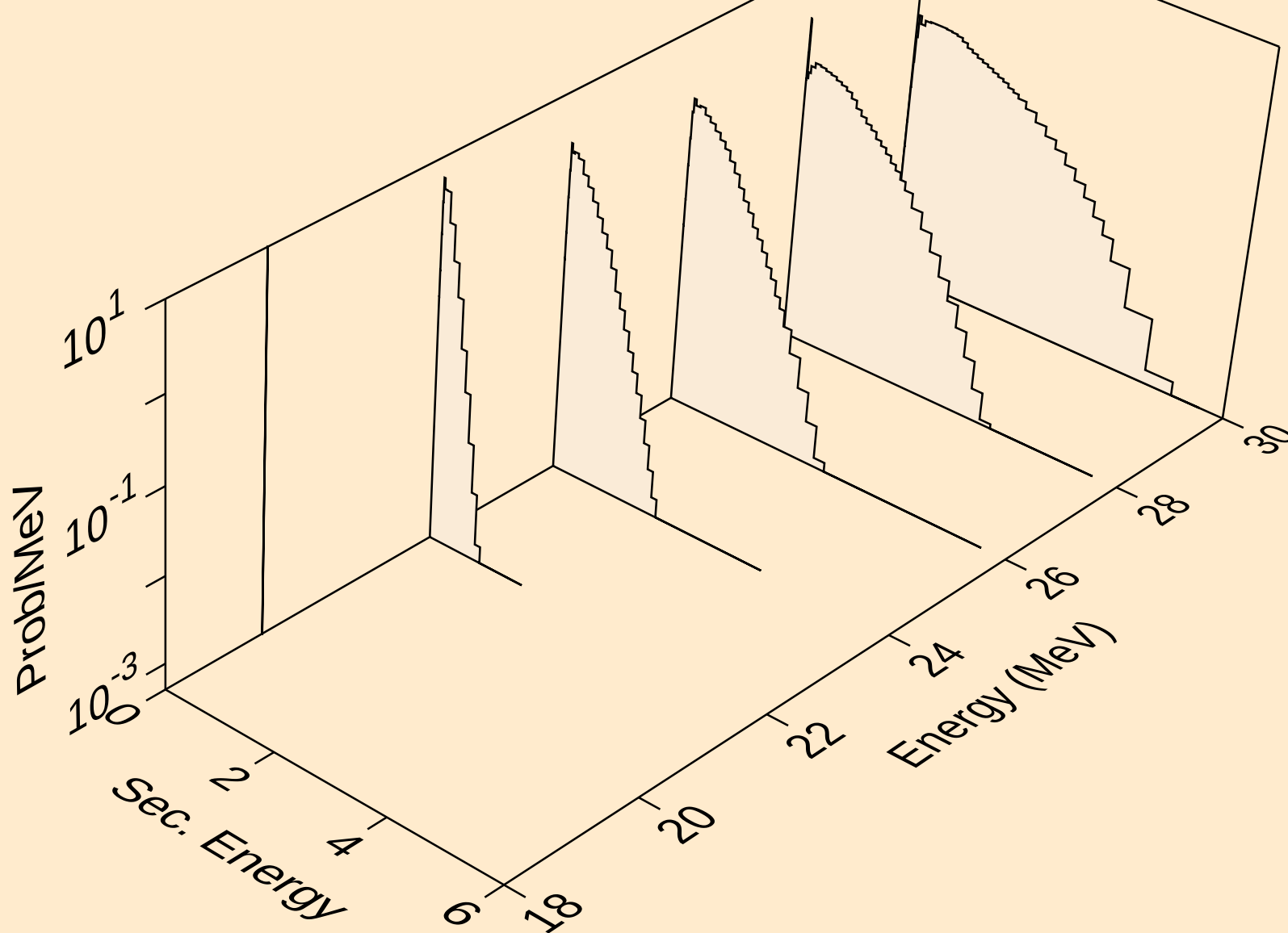
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



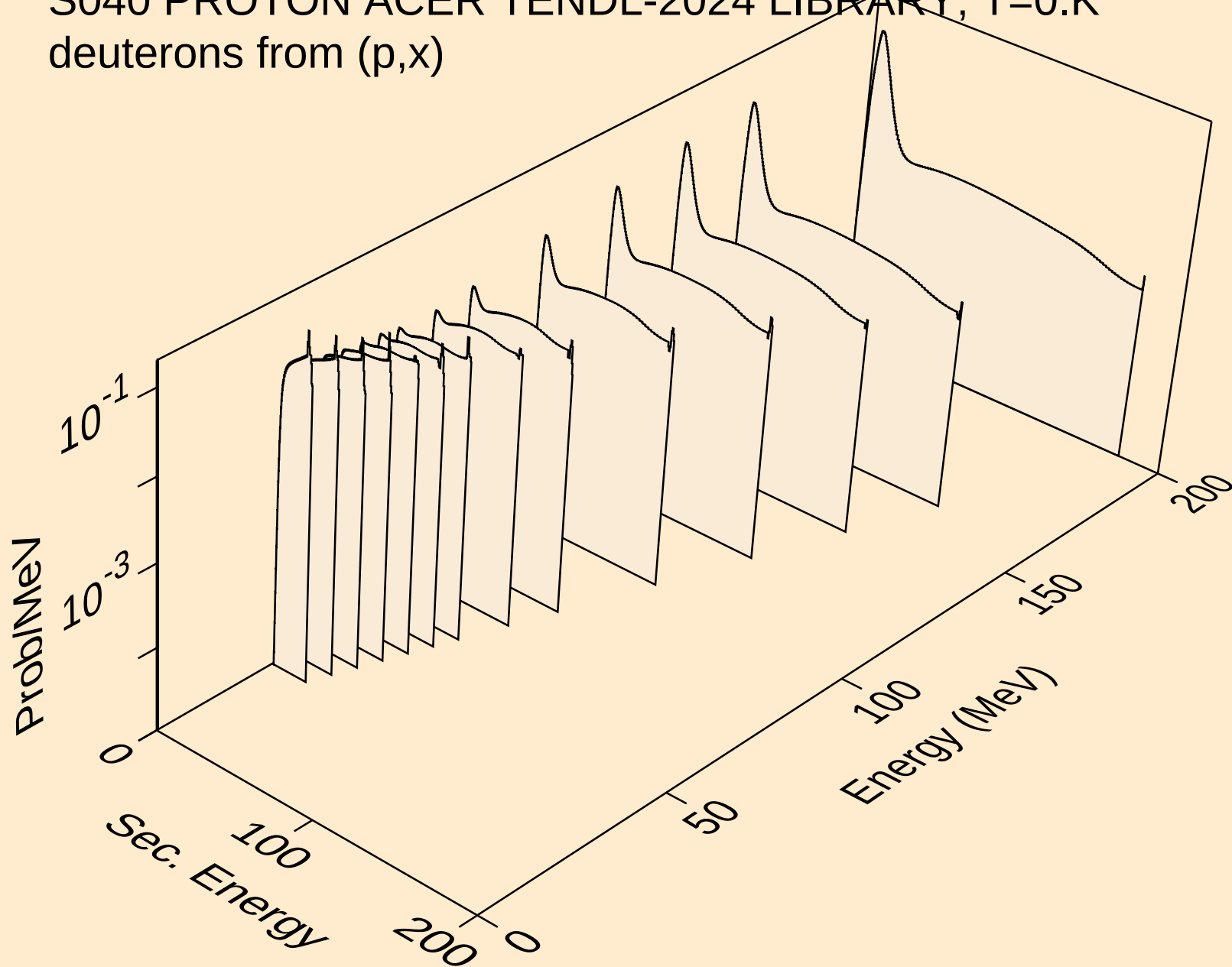
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



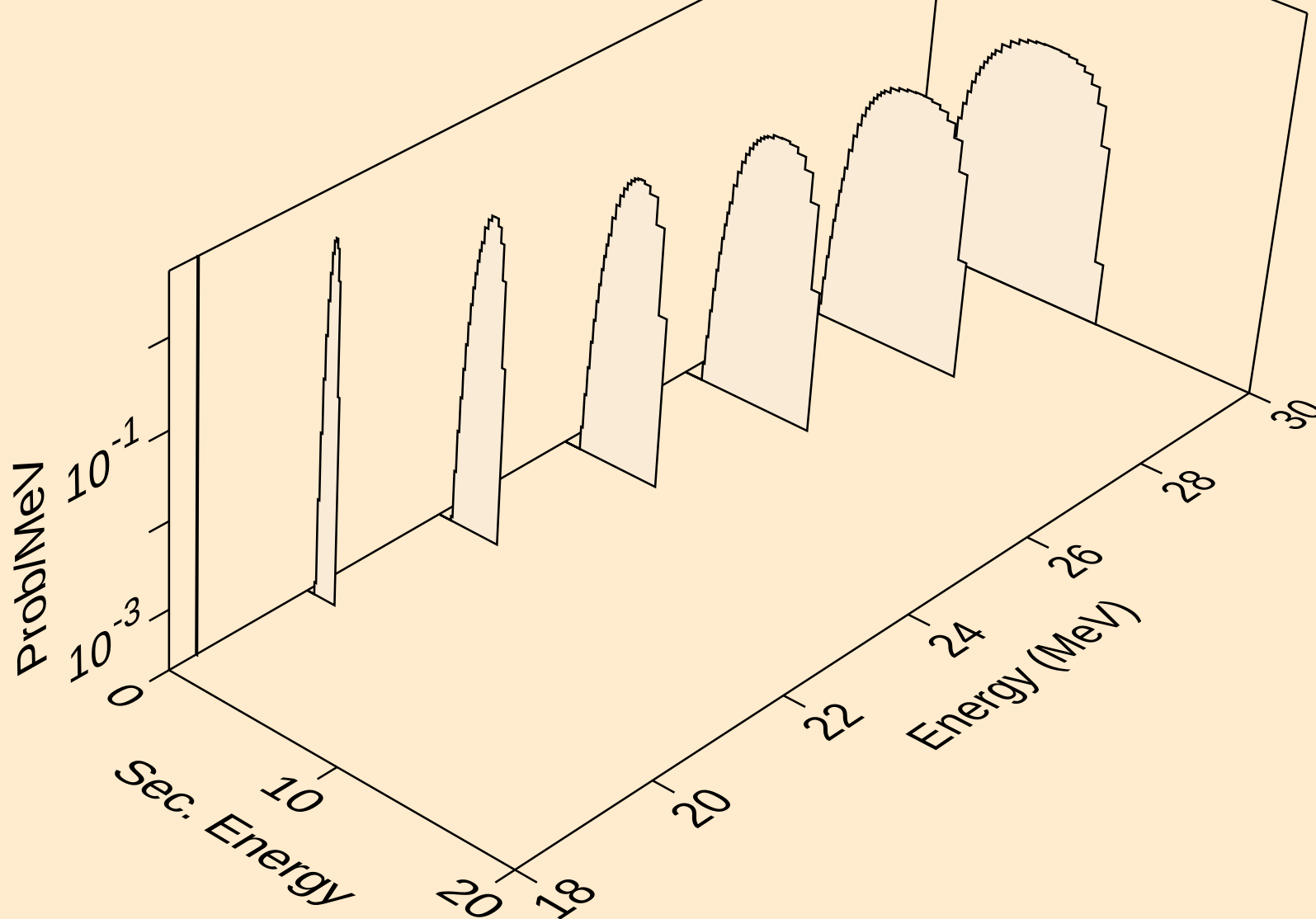
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



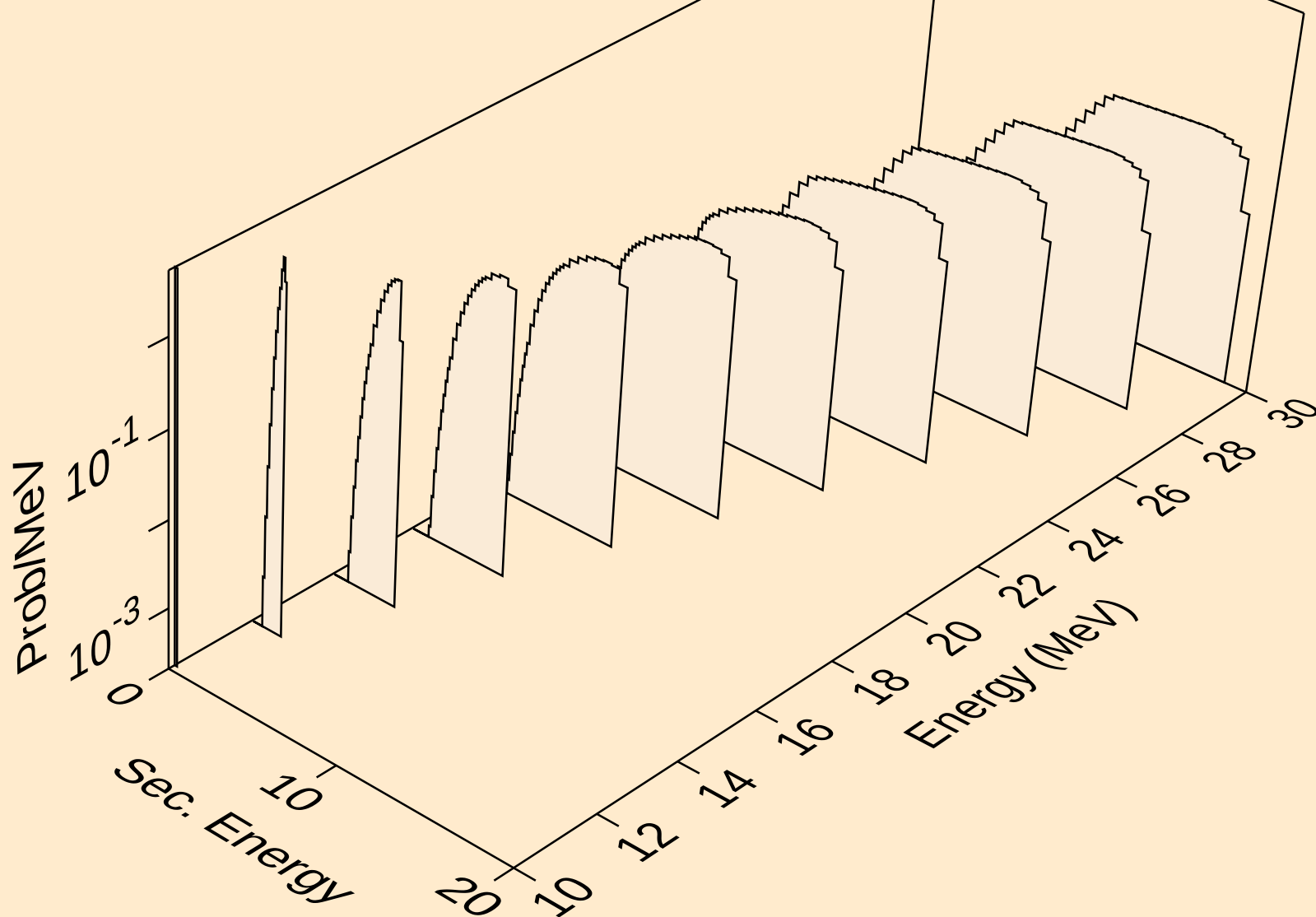
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



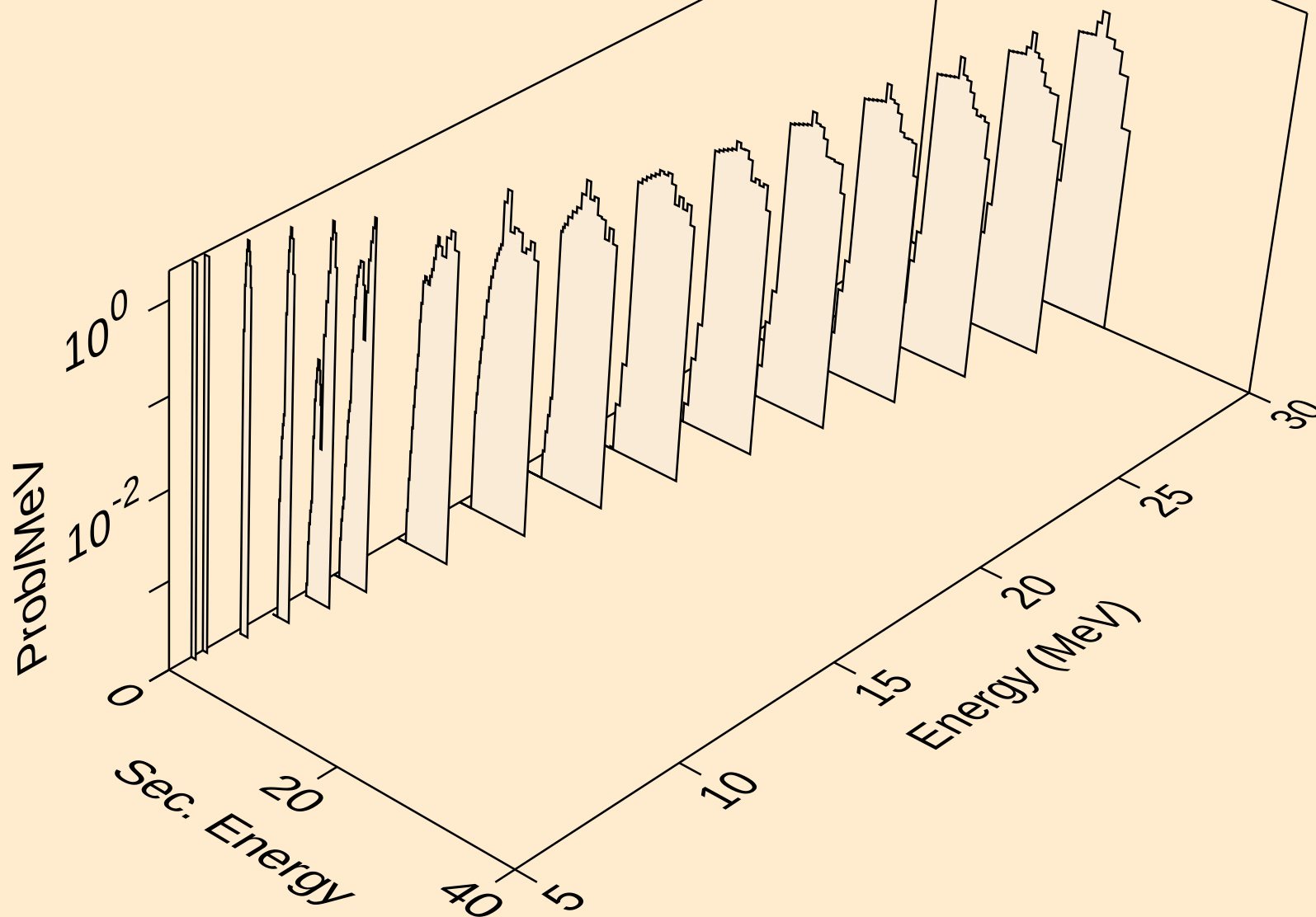
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



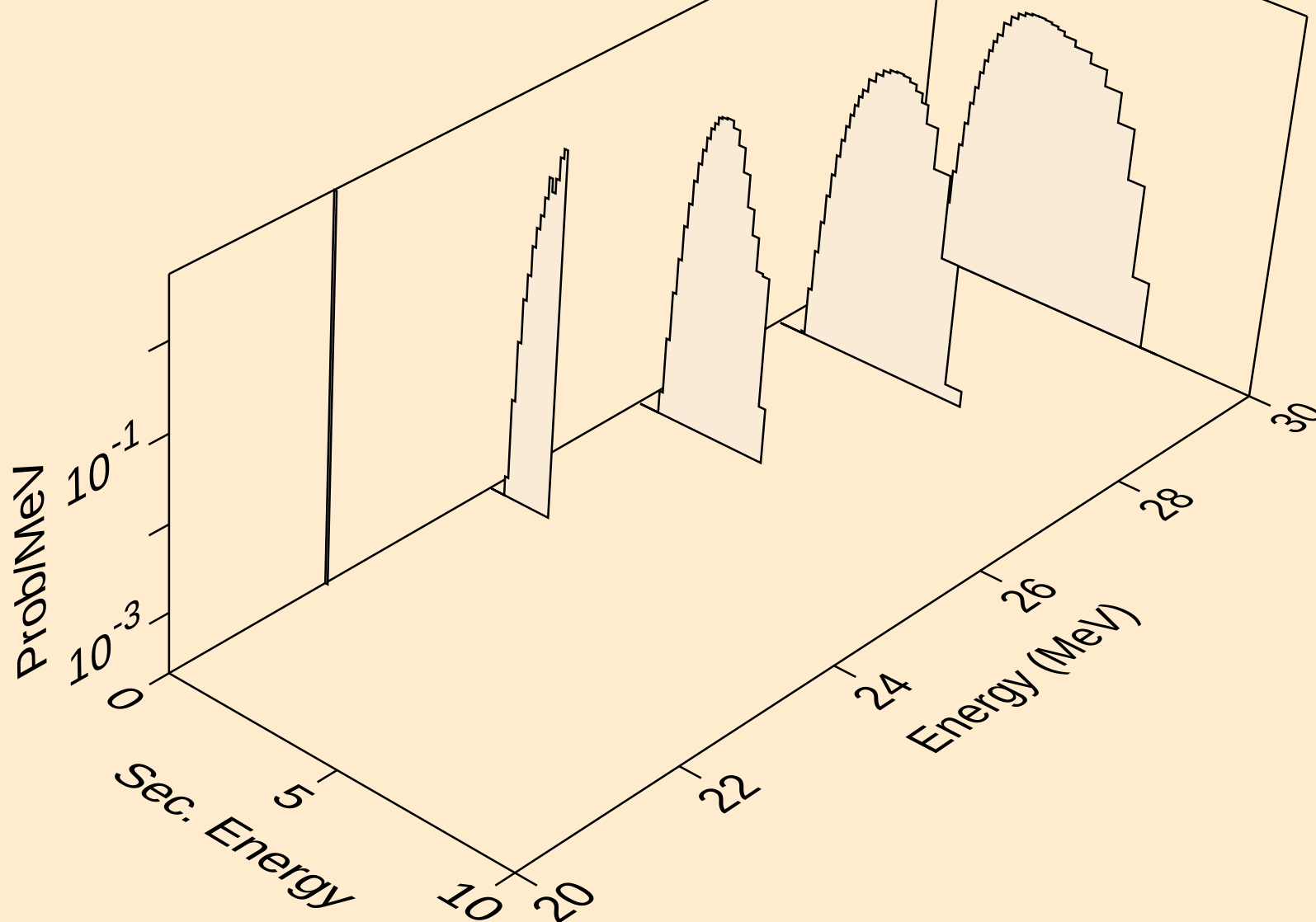
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



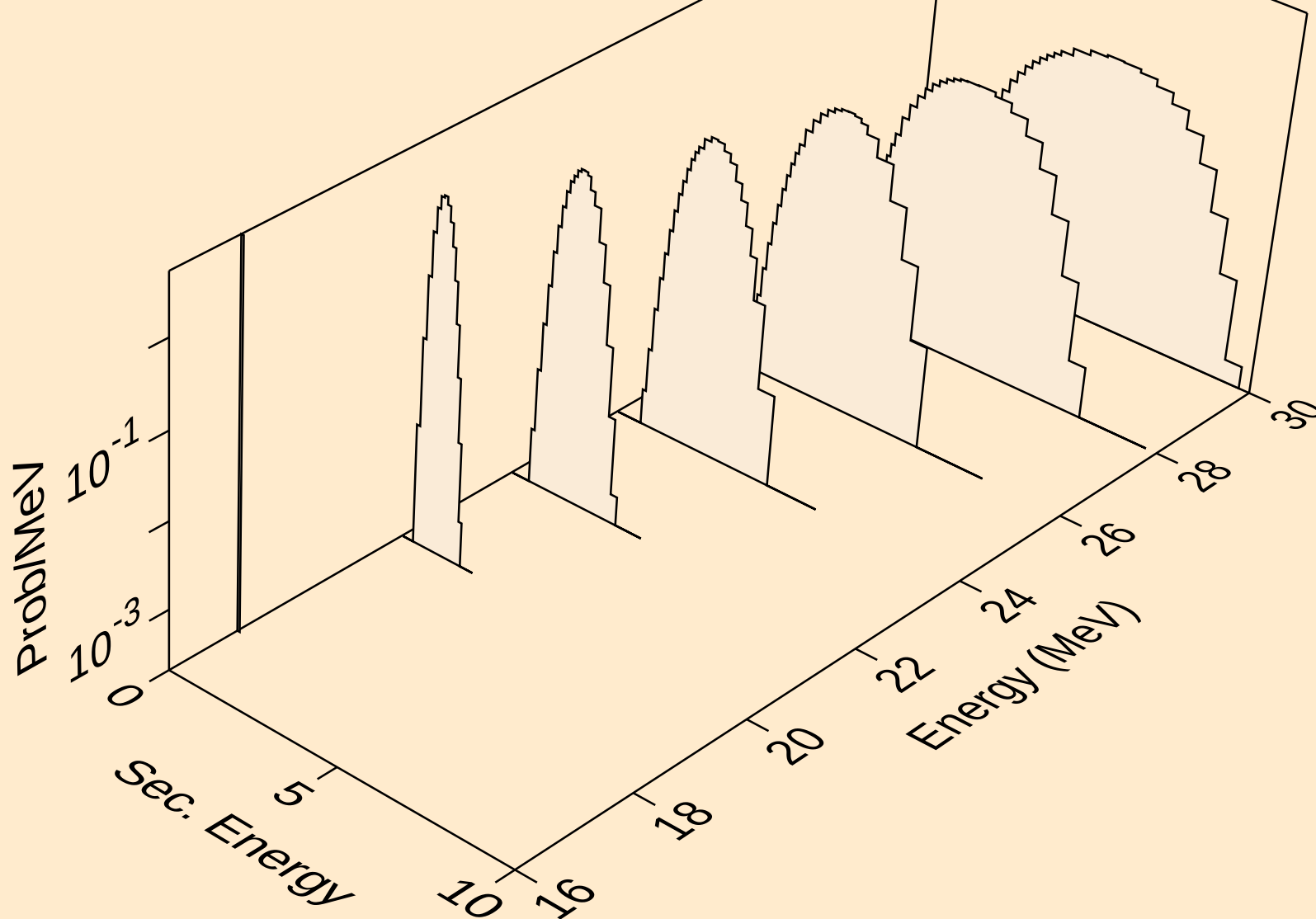
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



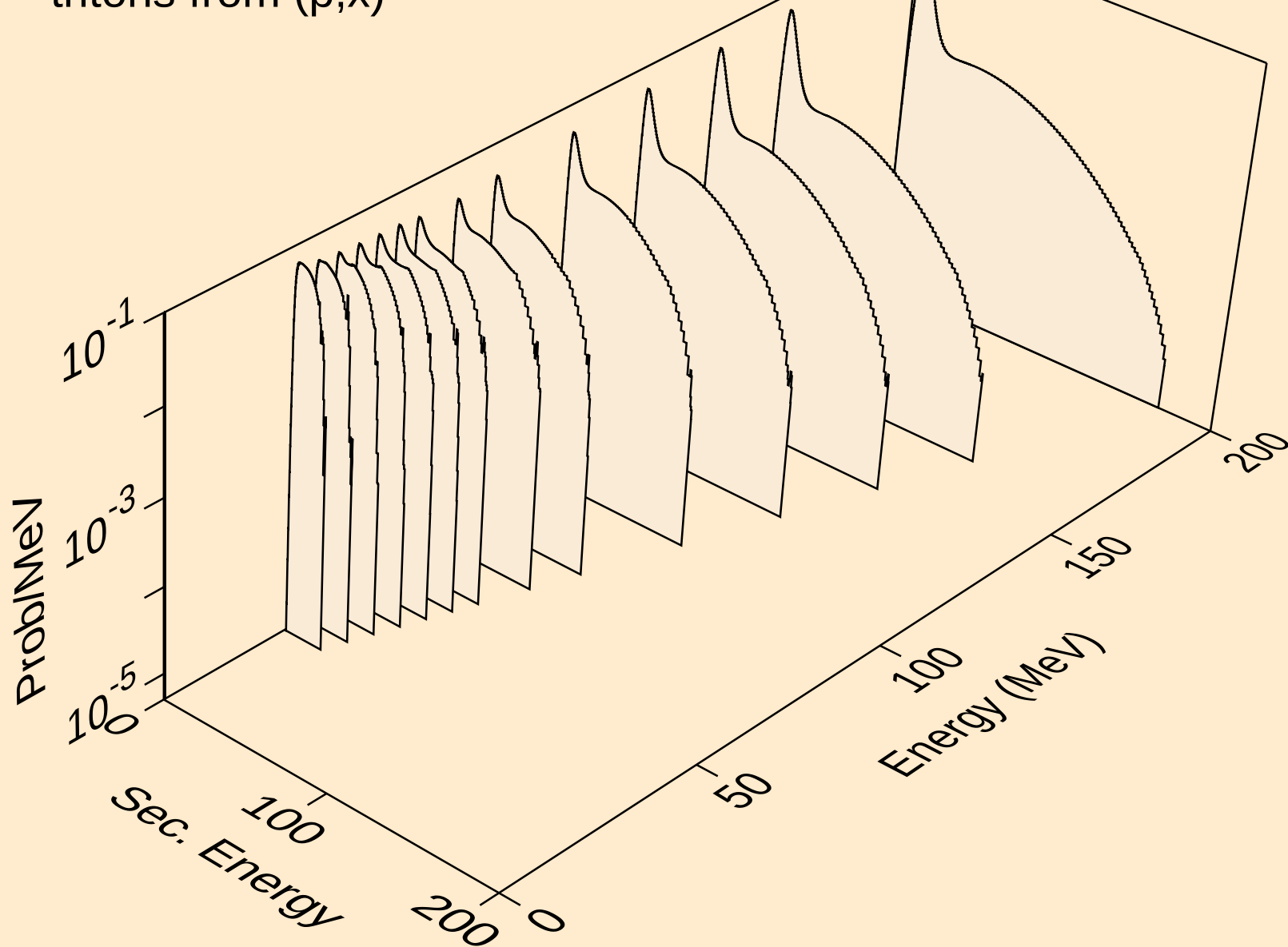
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



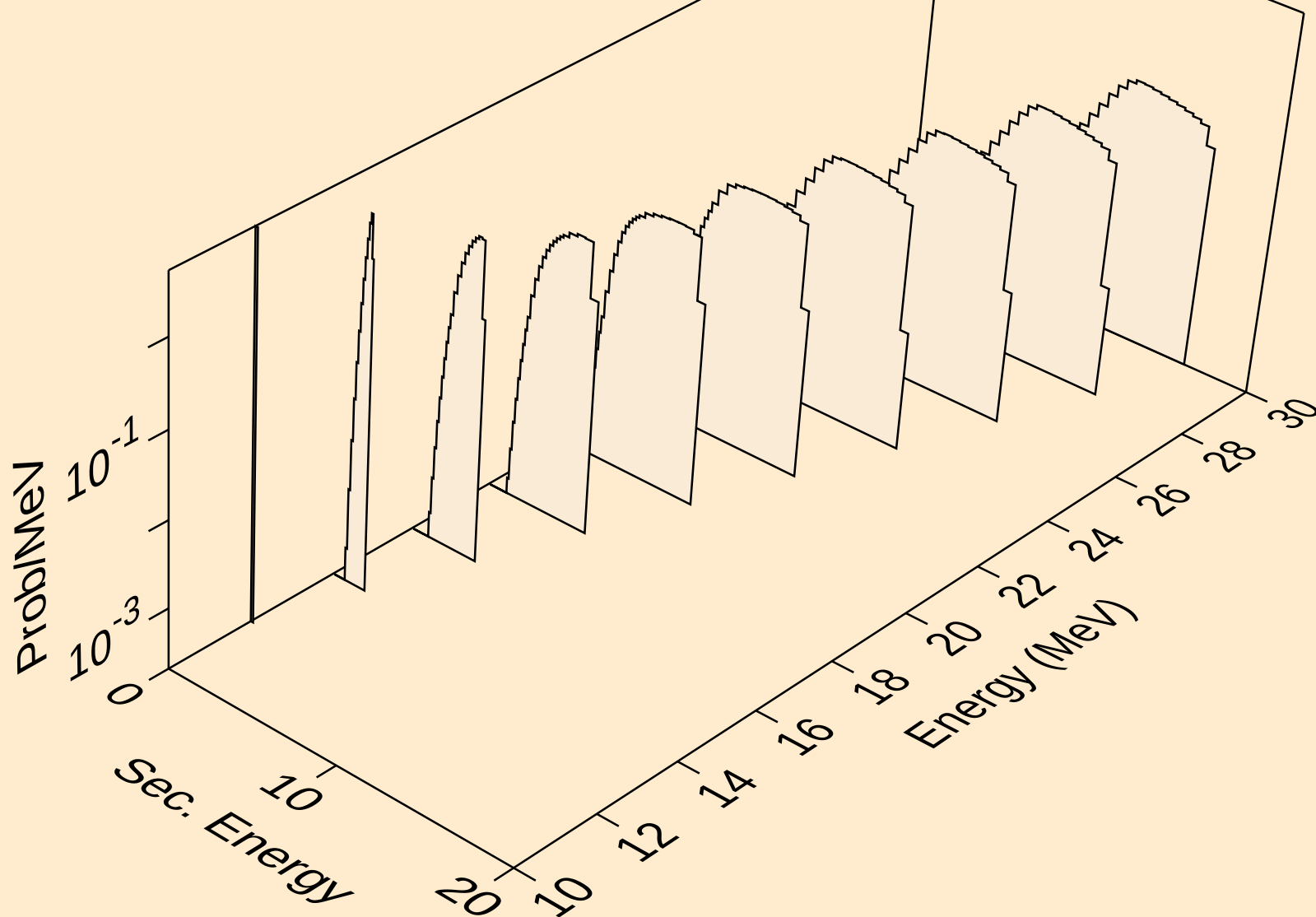
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



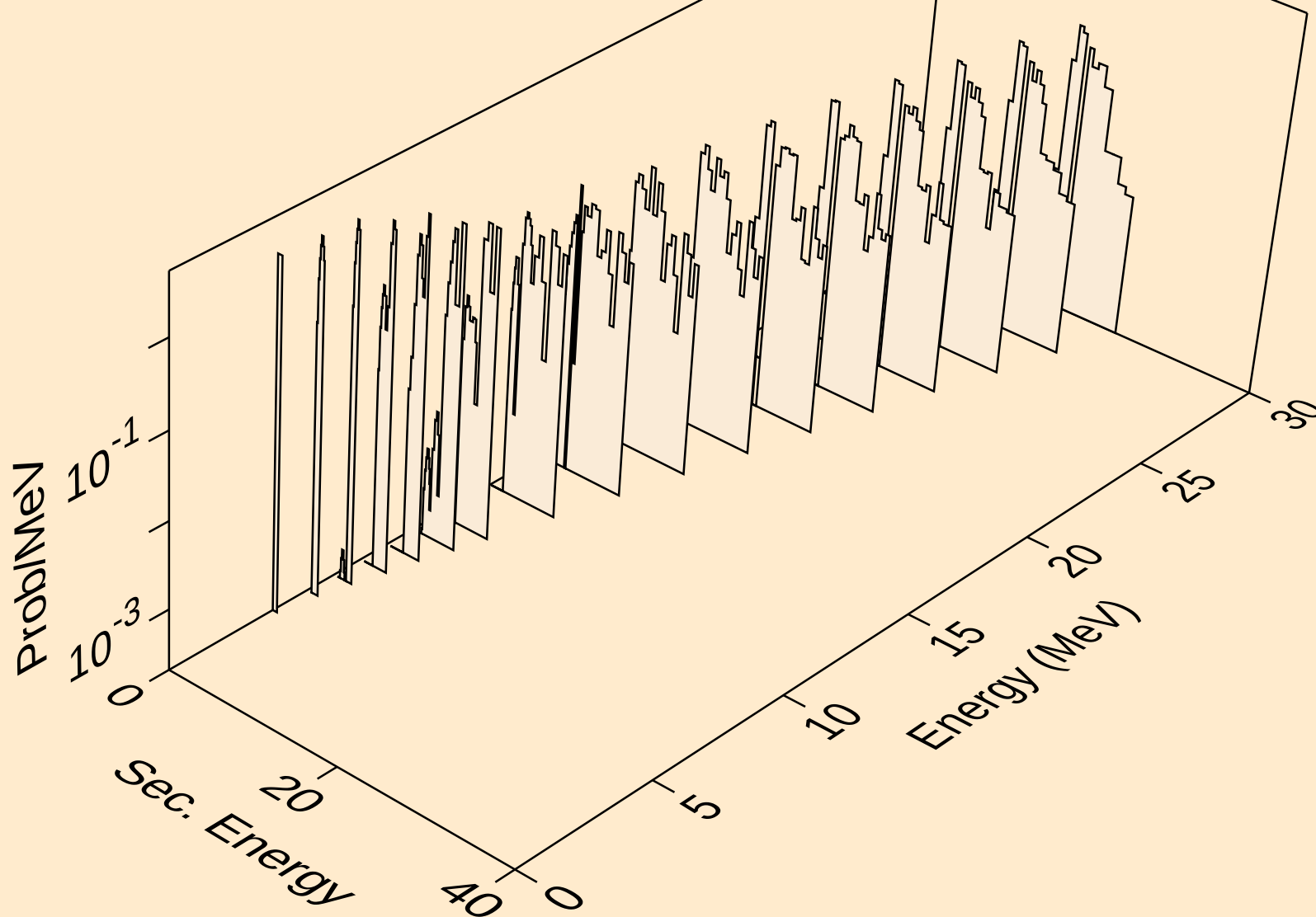
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



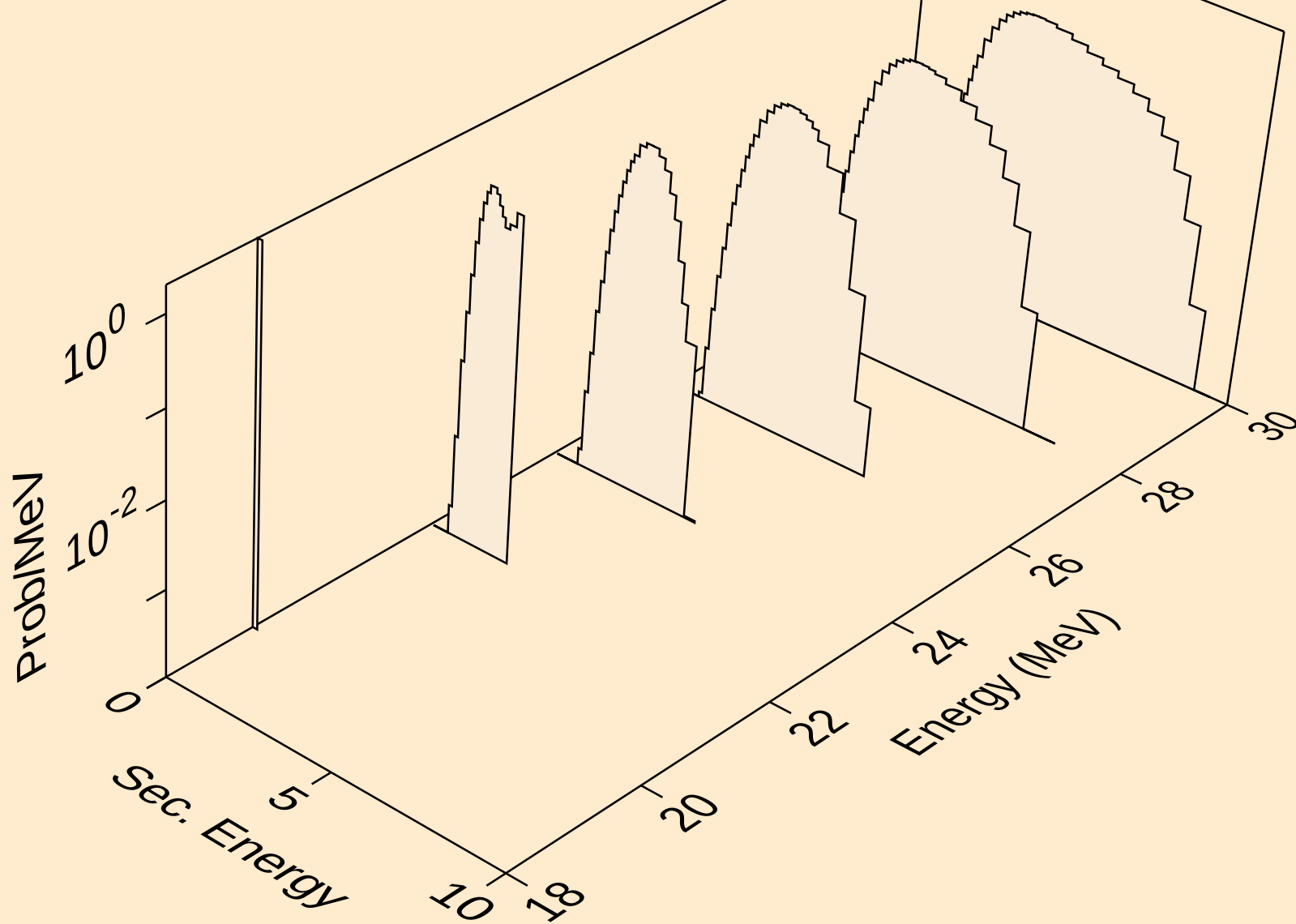
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



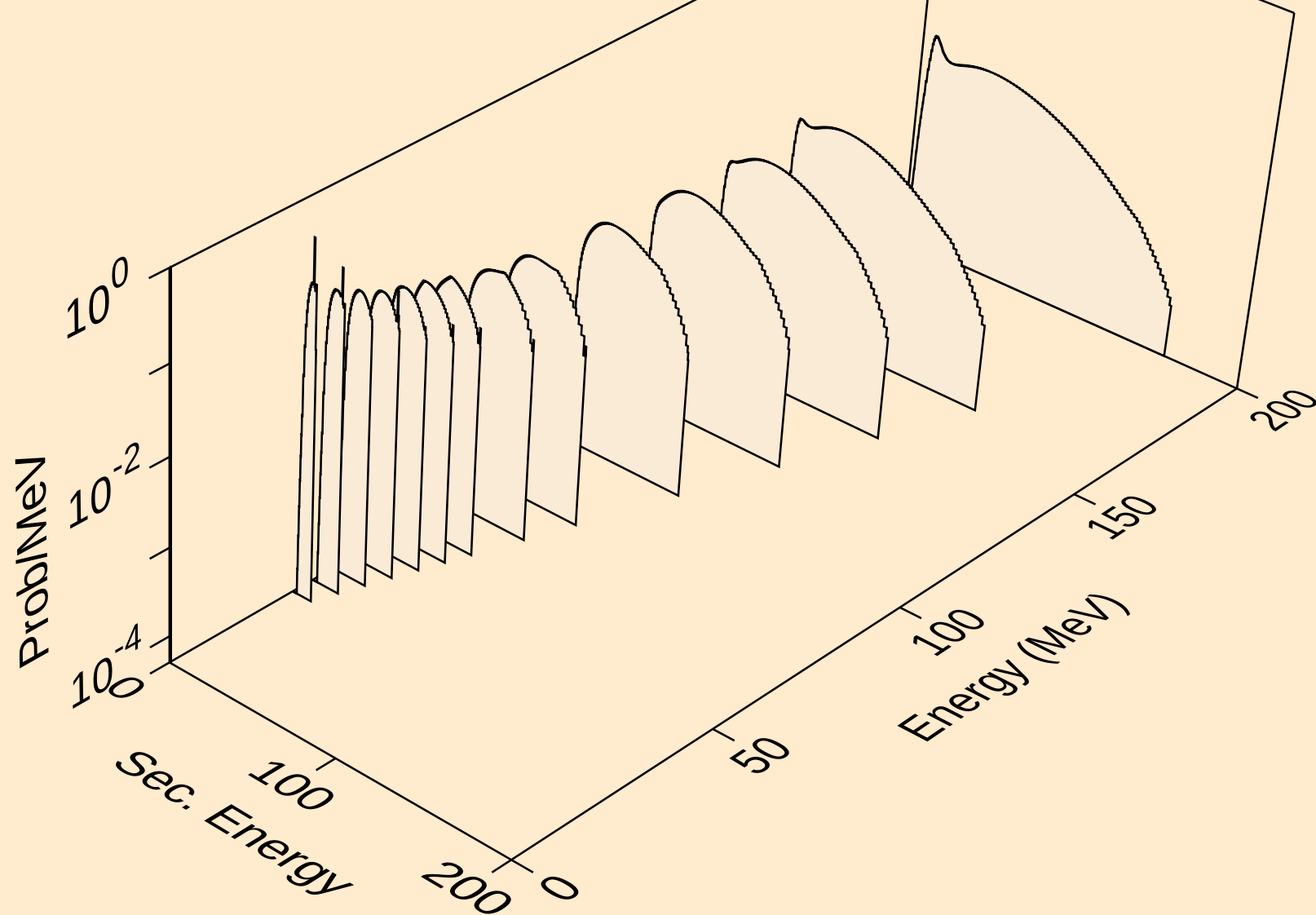
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



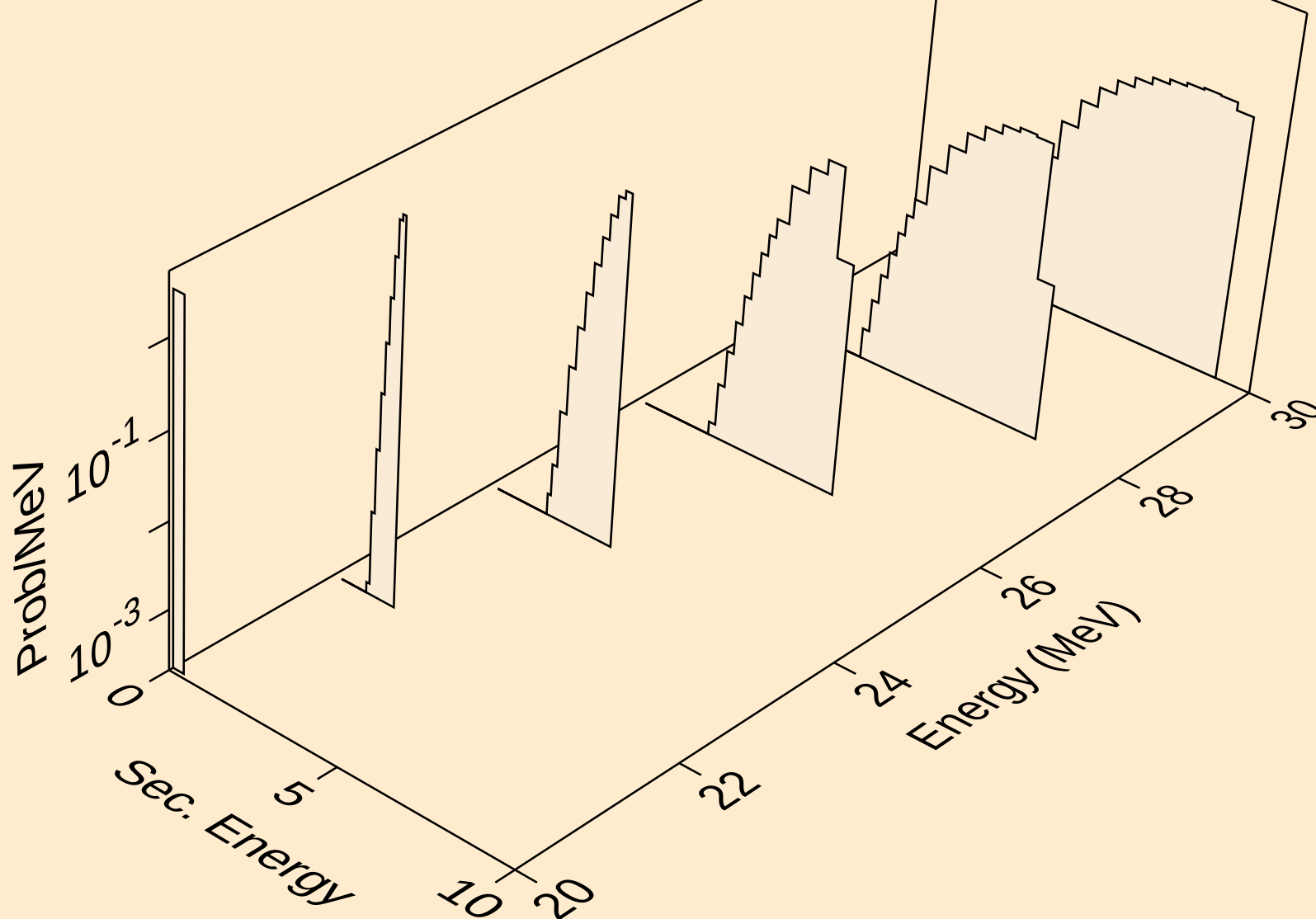
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



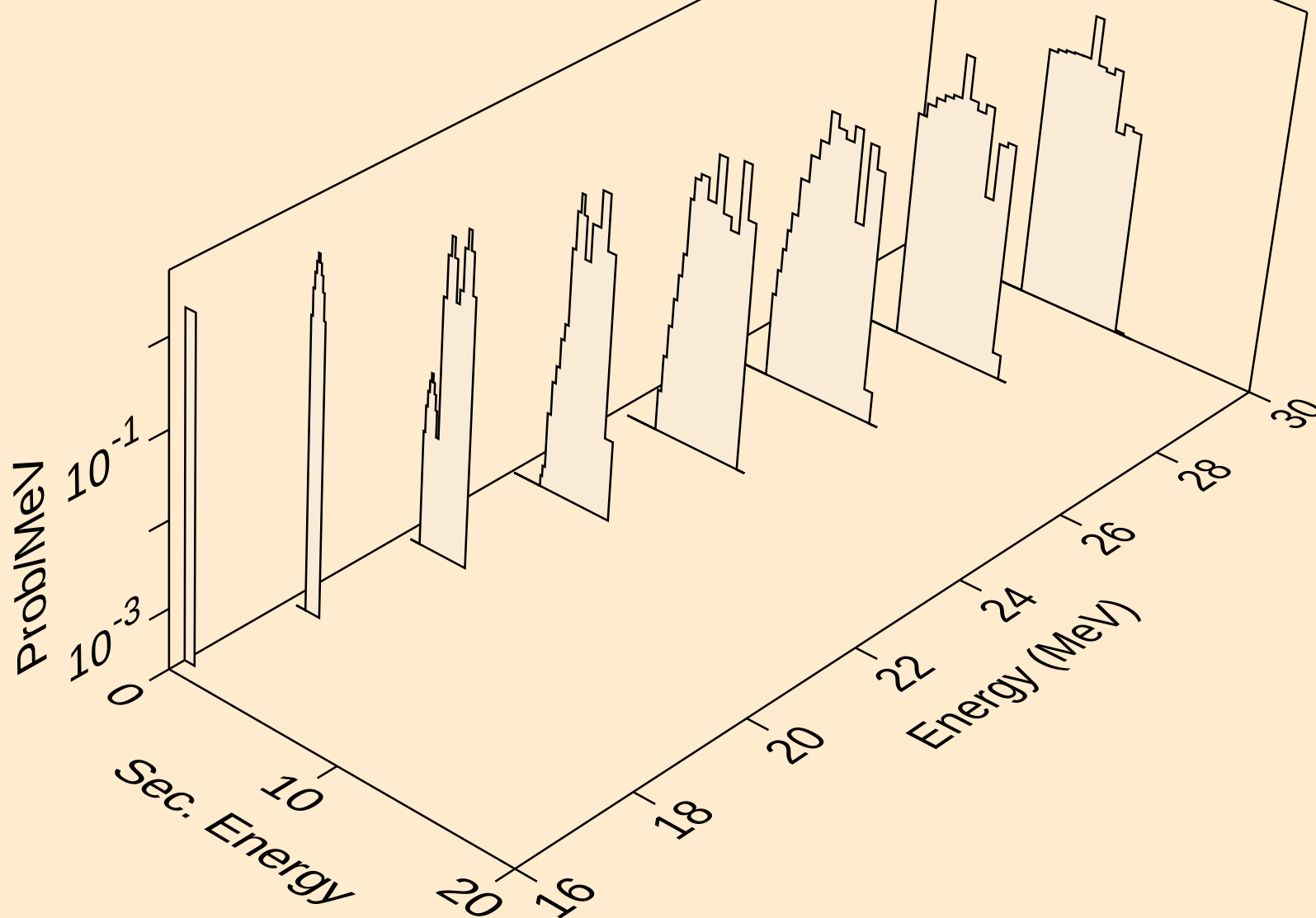
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



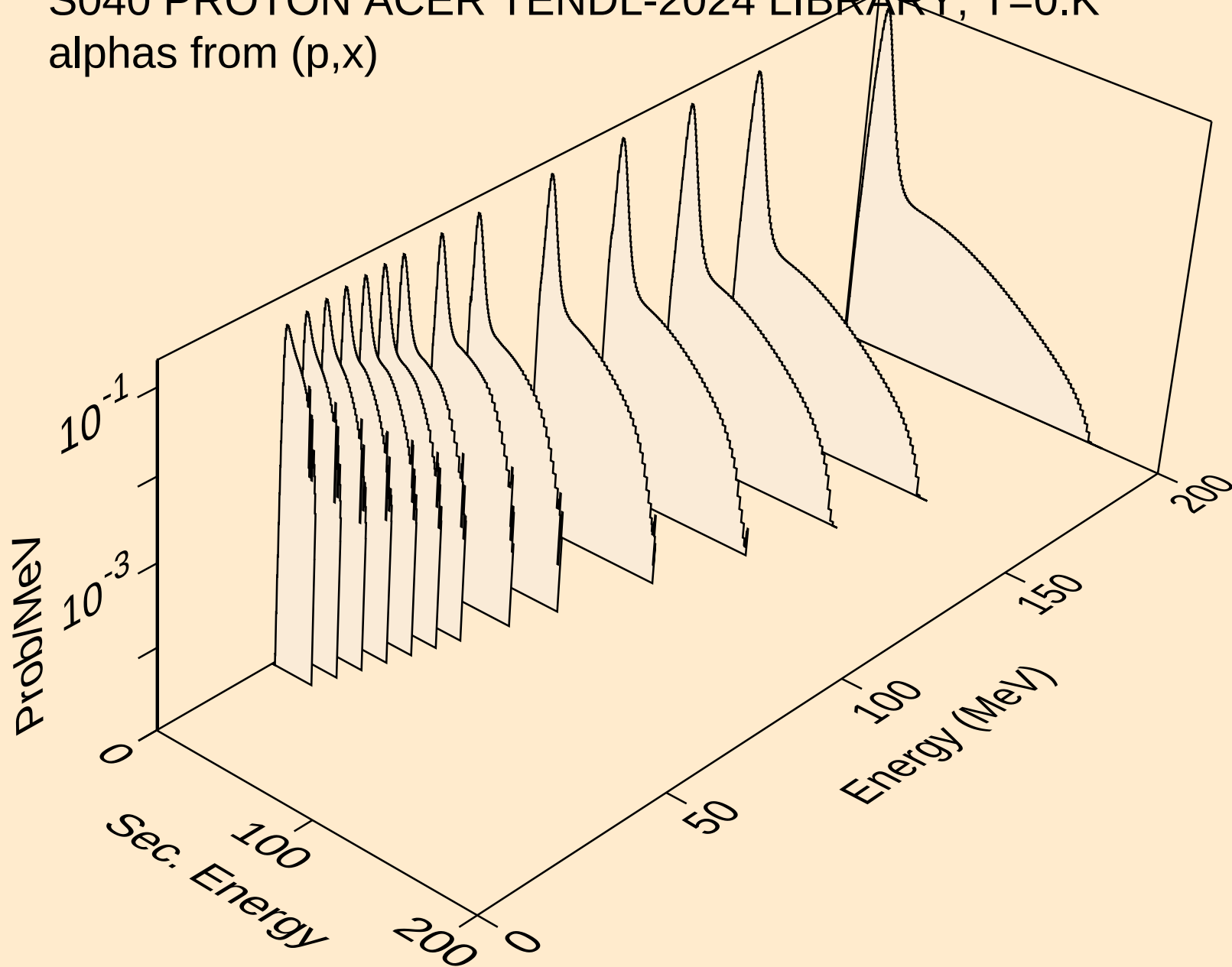
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



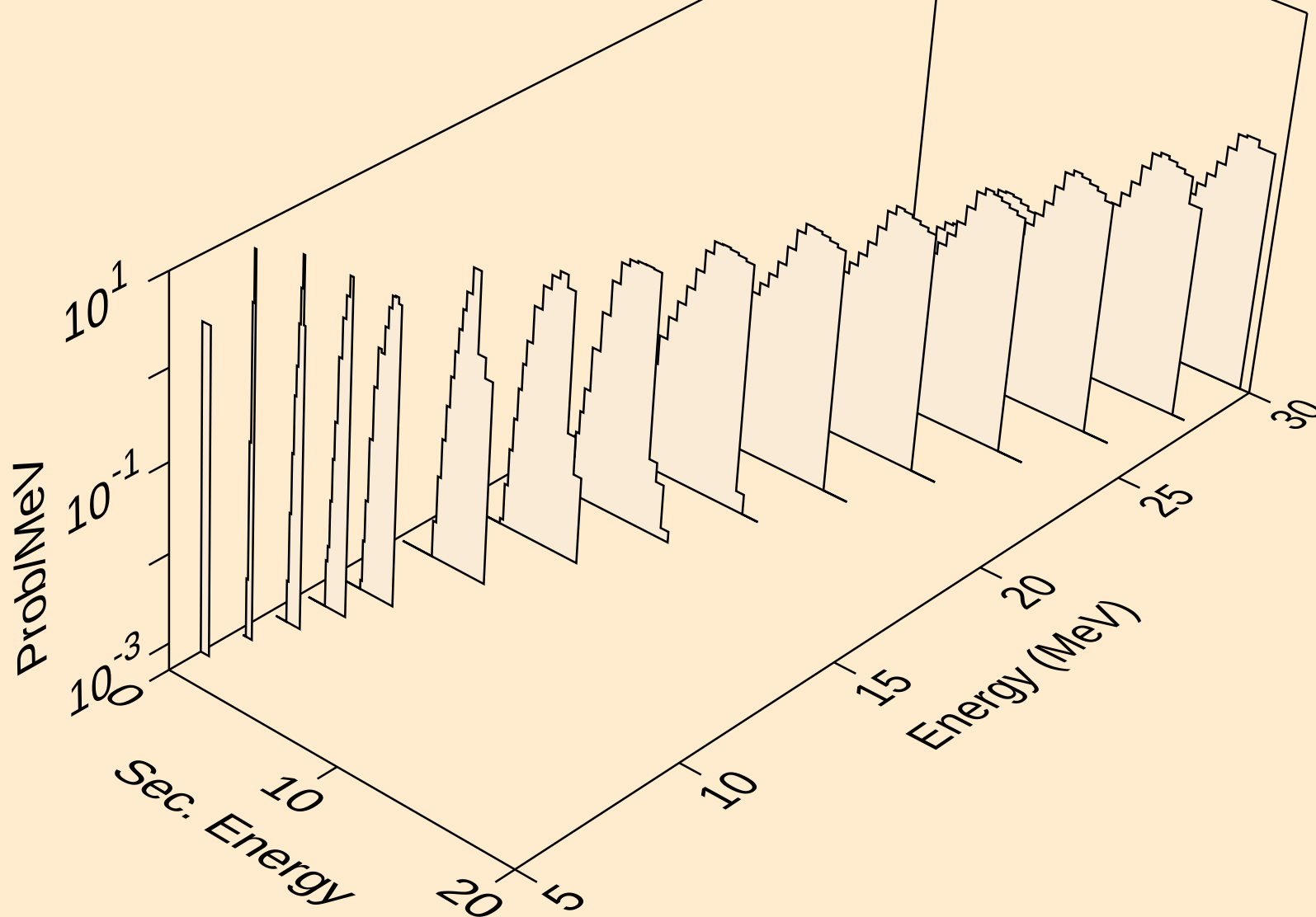
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



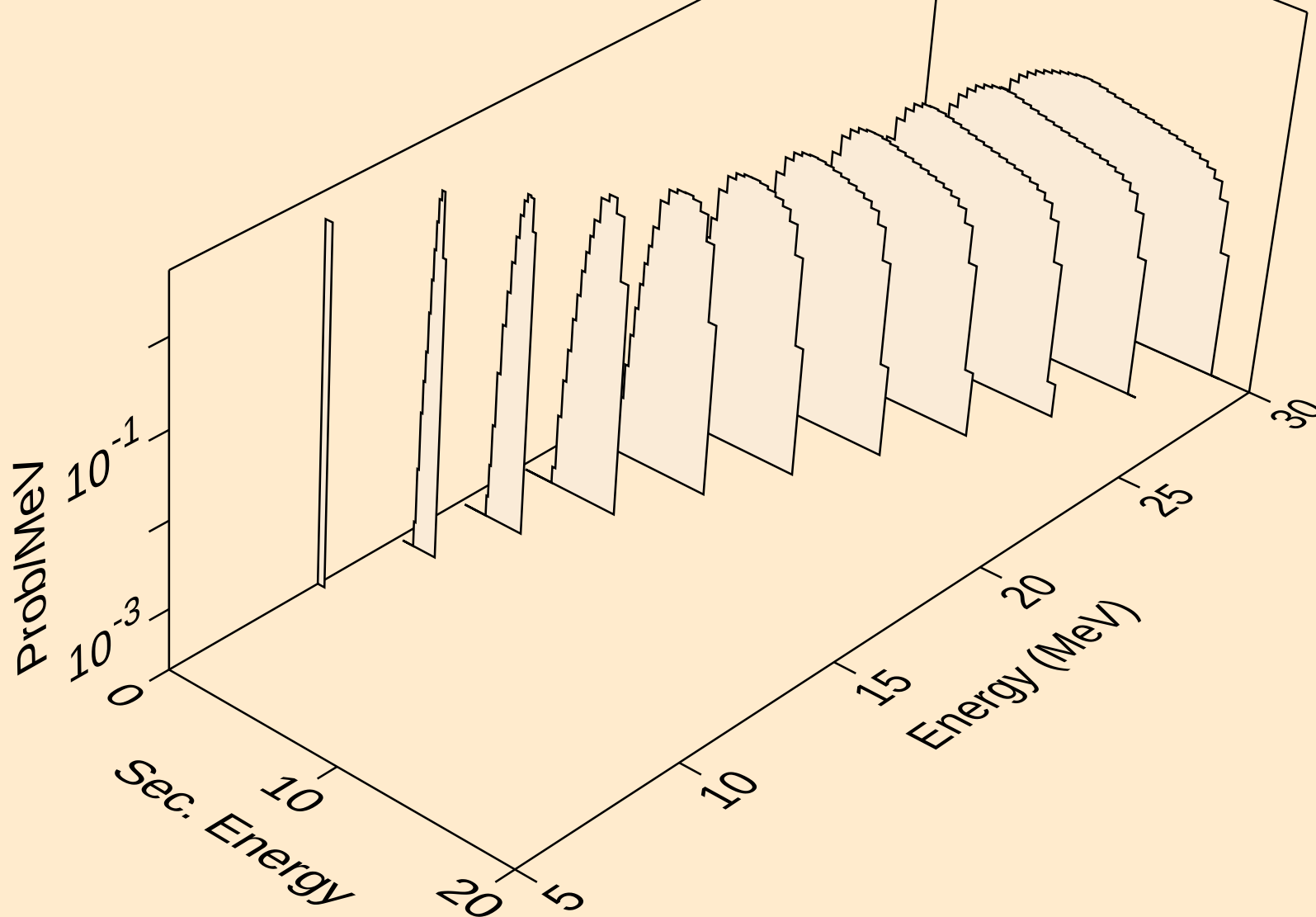
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



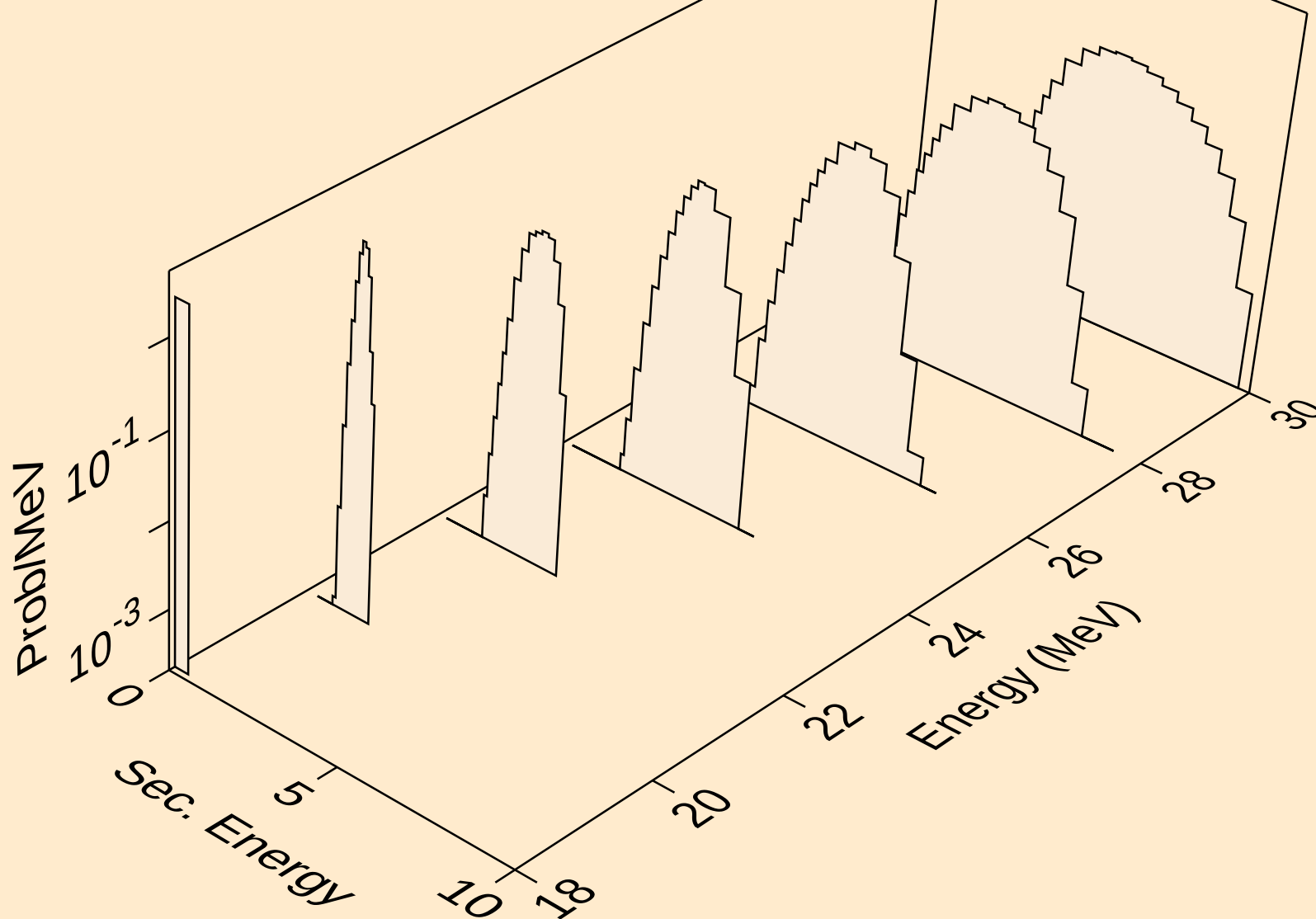
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



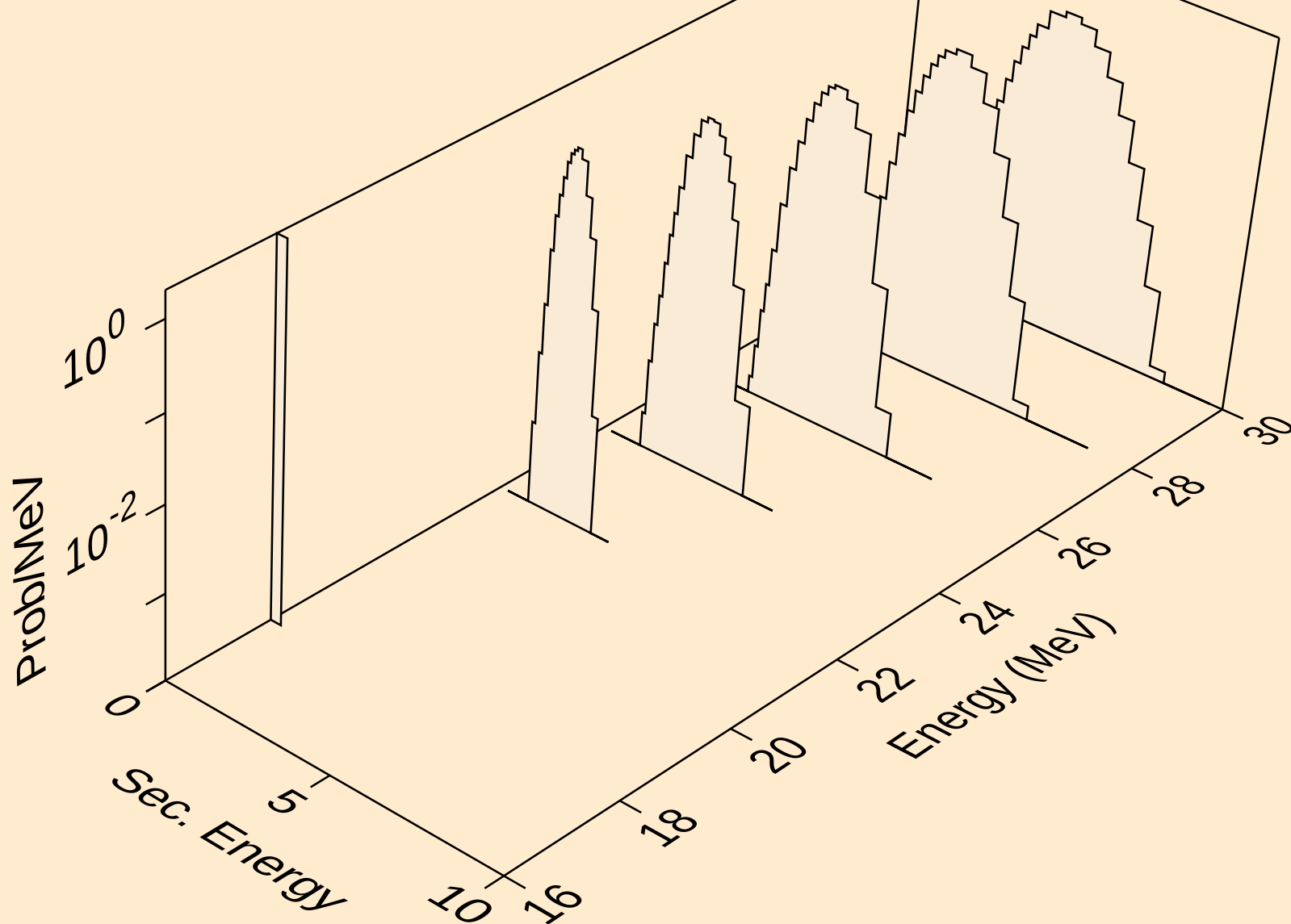
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



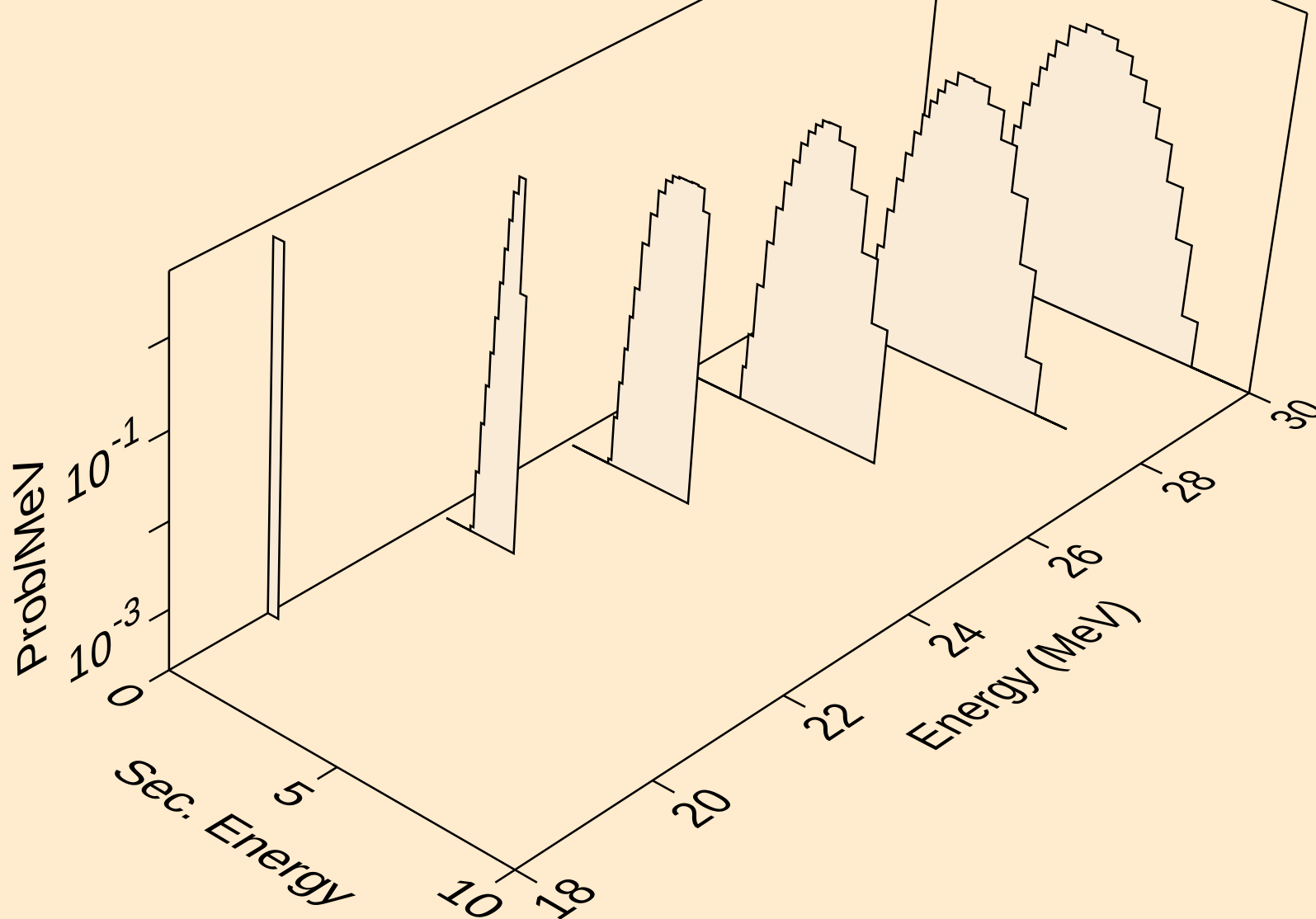
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



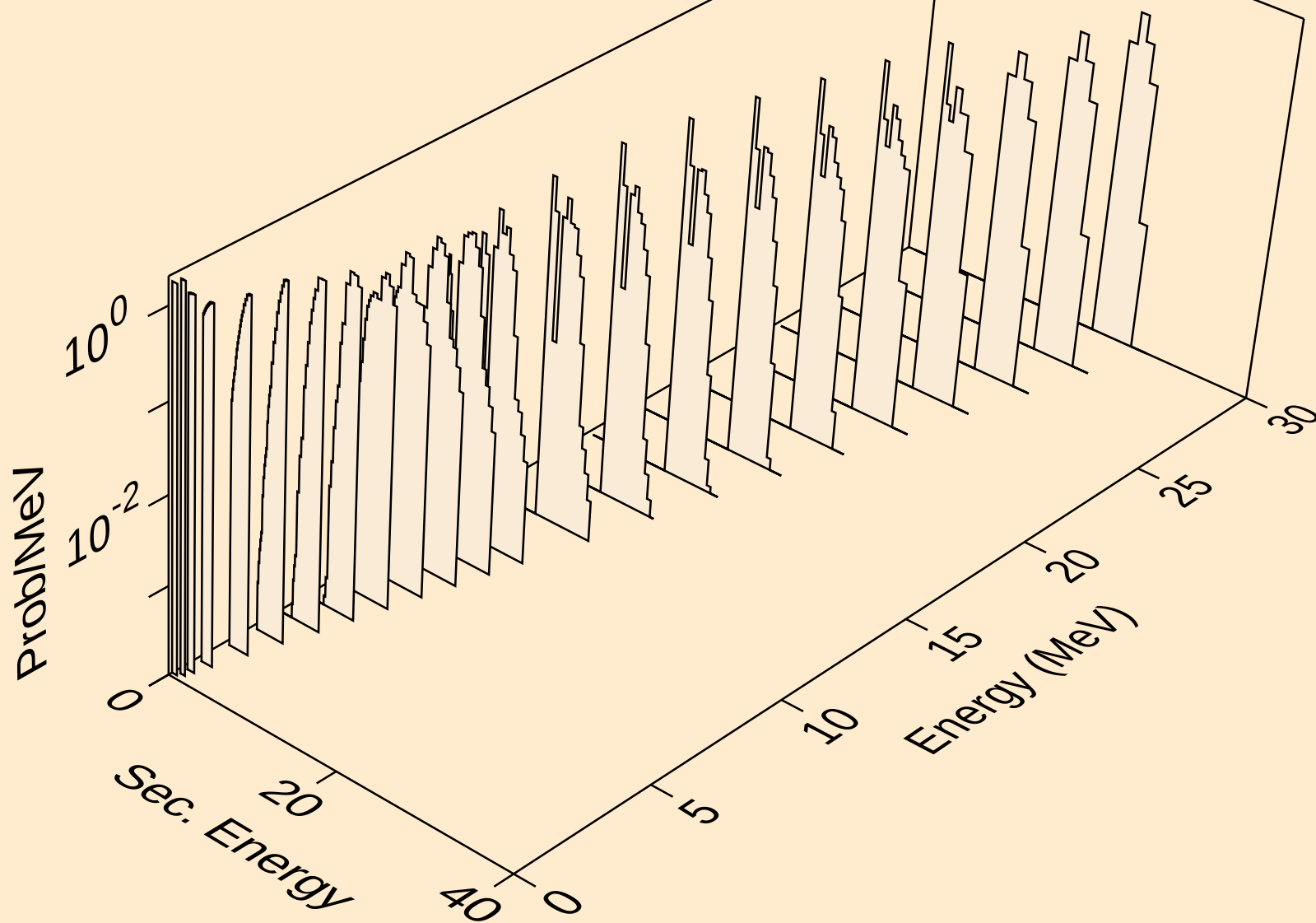
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



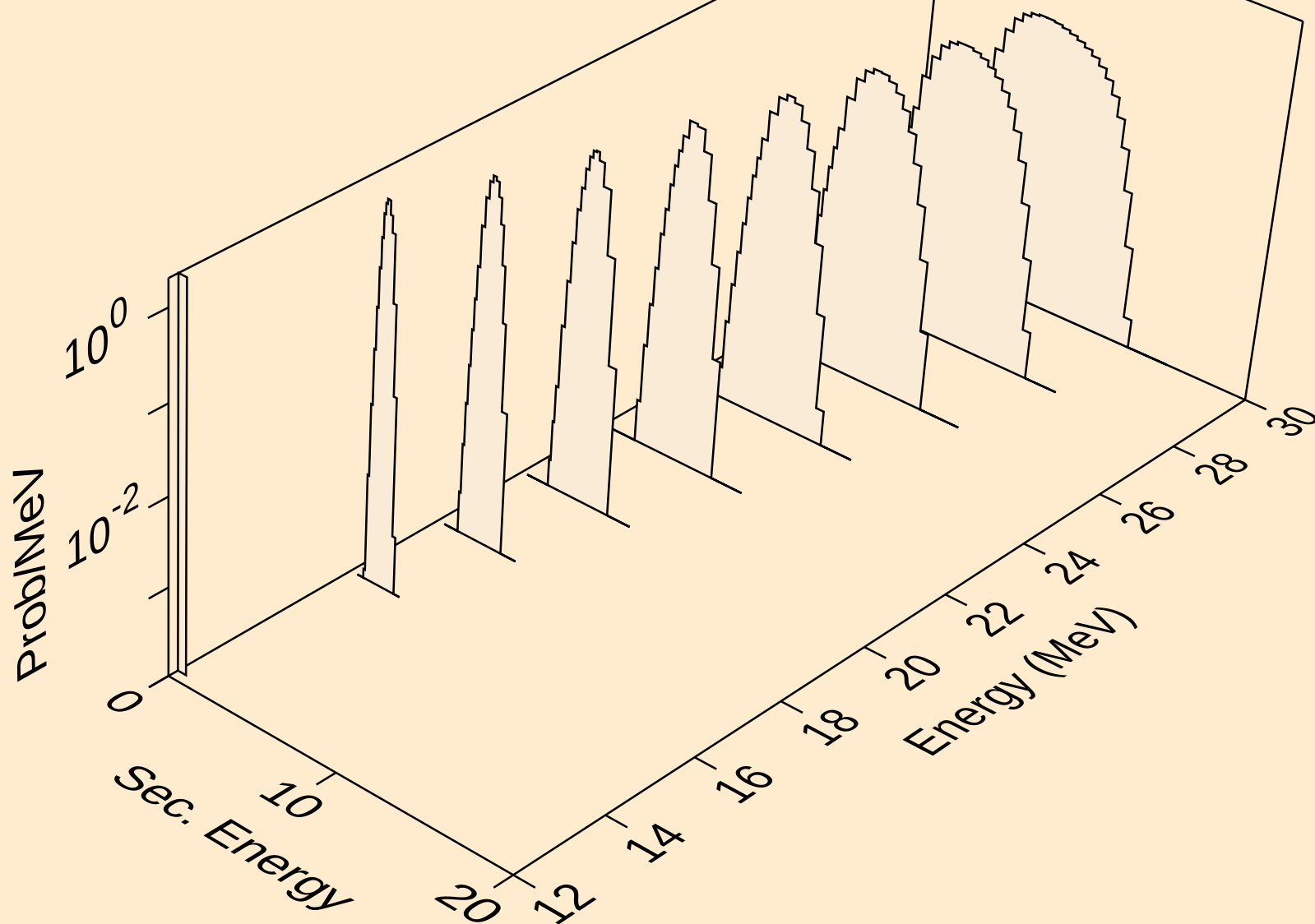
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



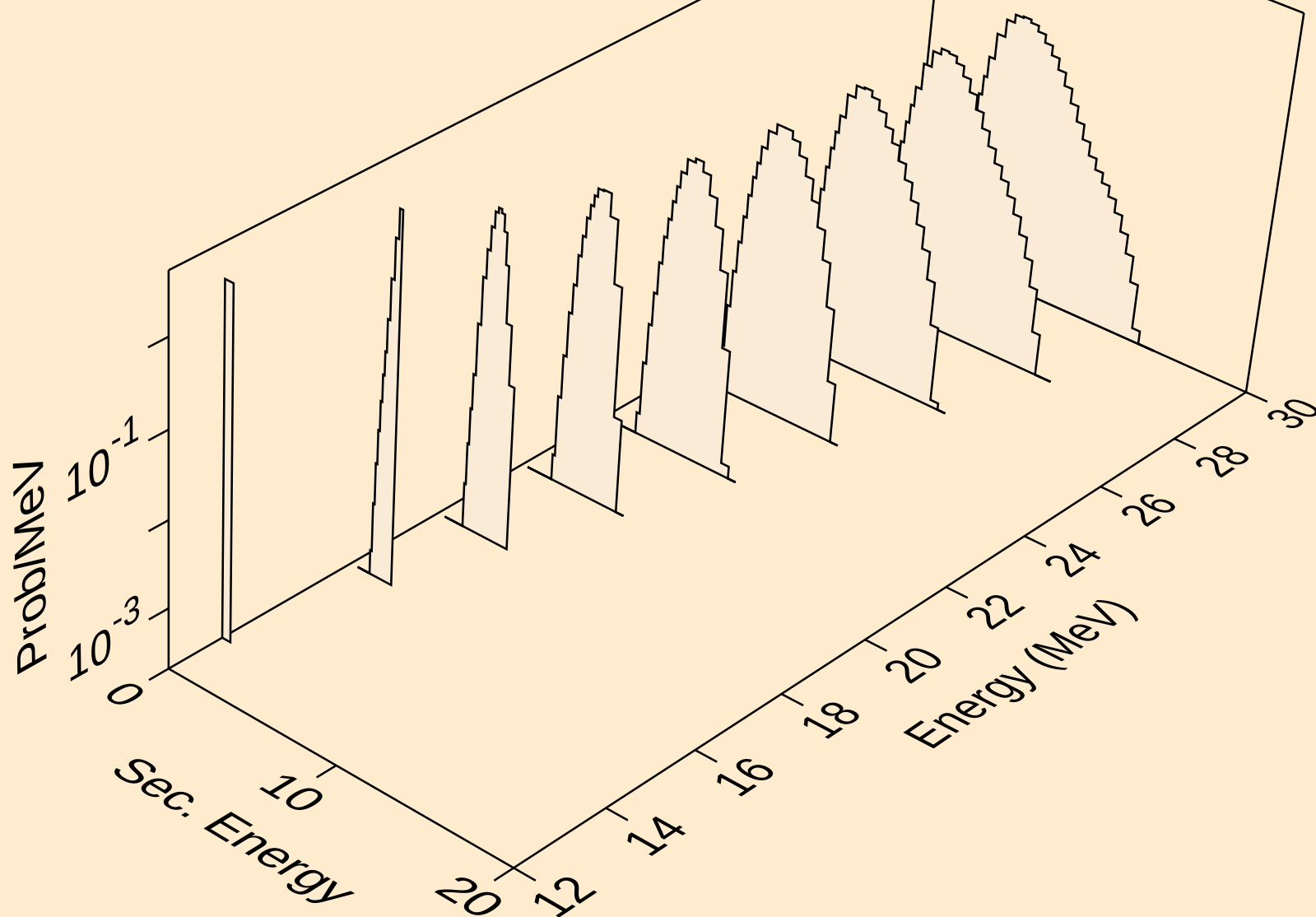
S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



S040 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

