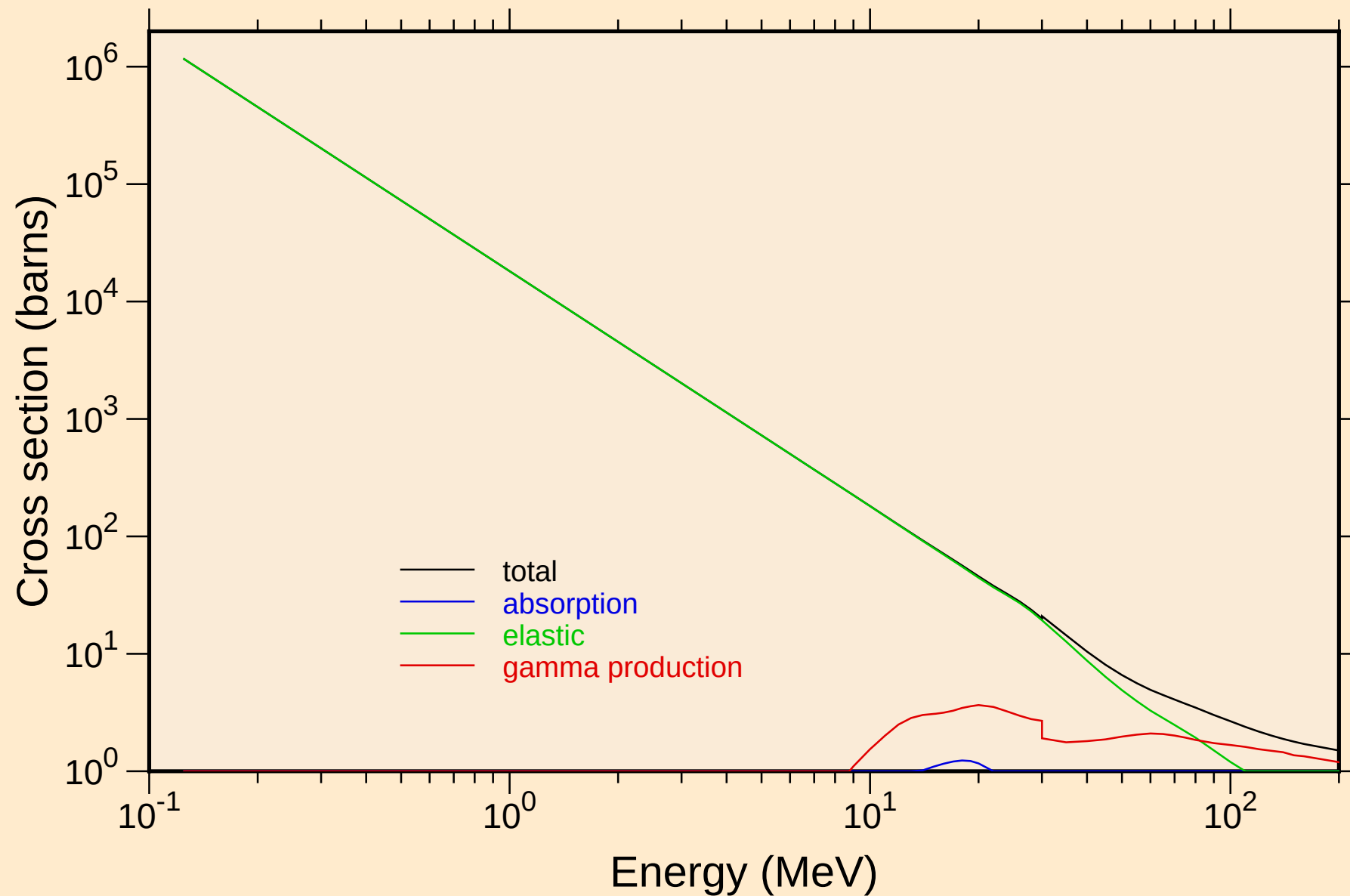


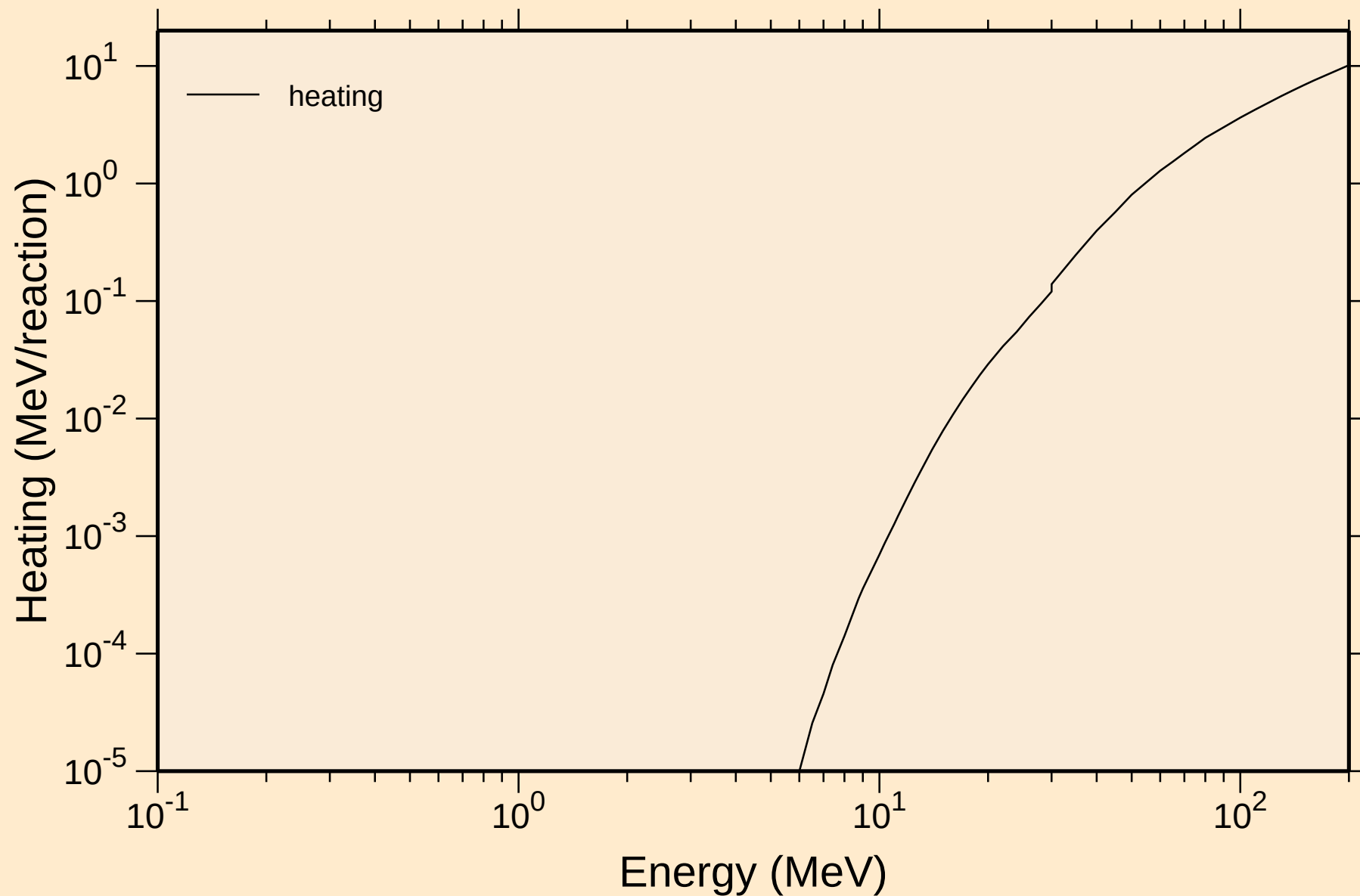
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



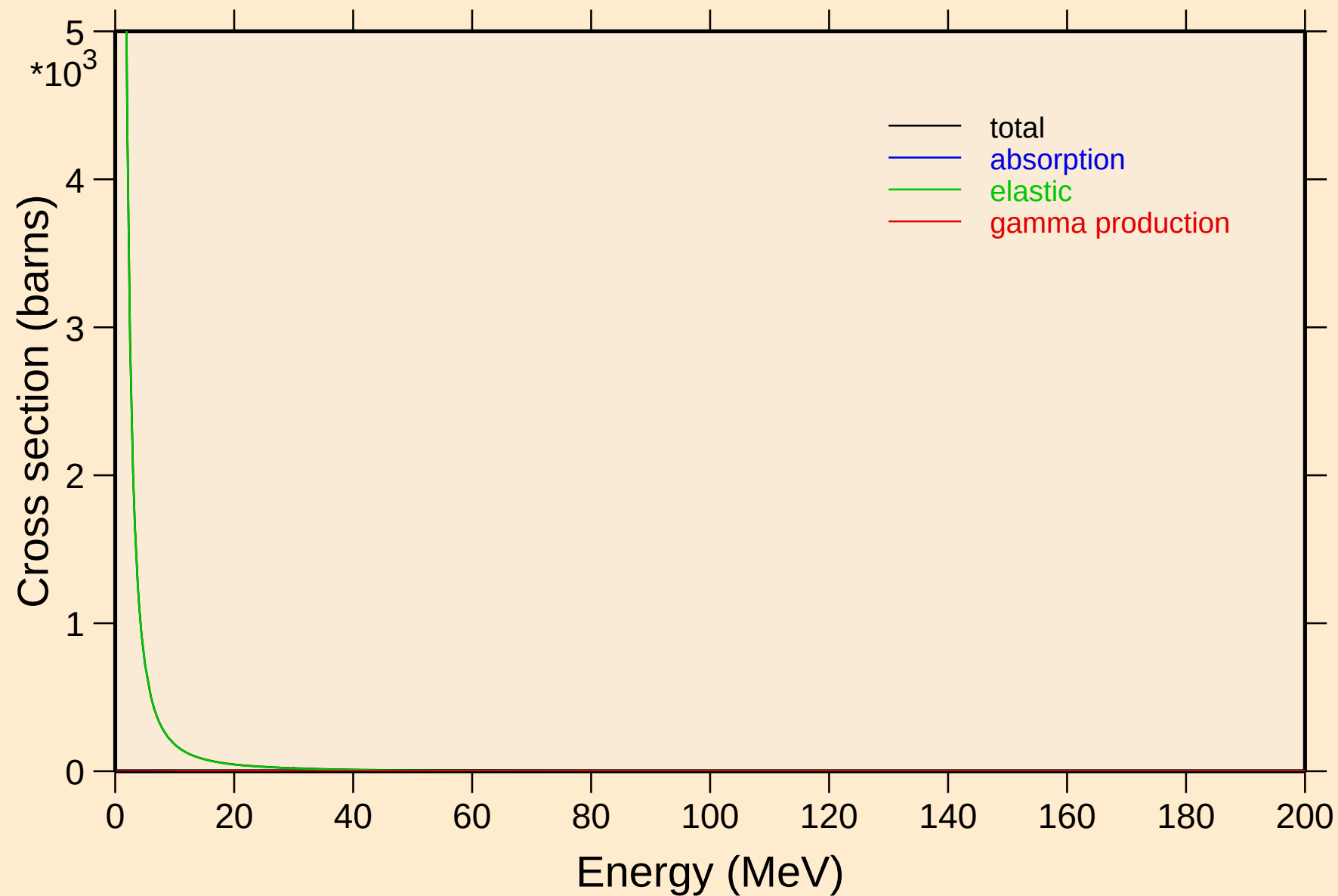
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



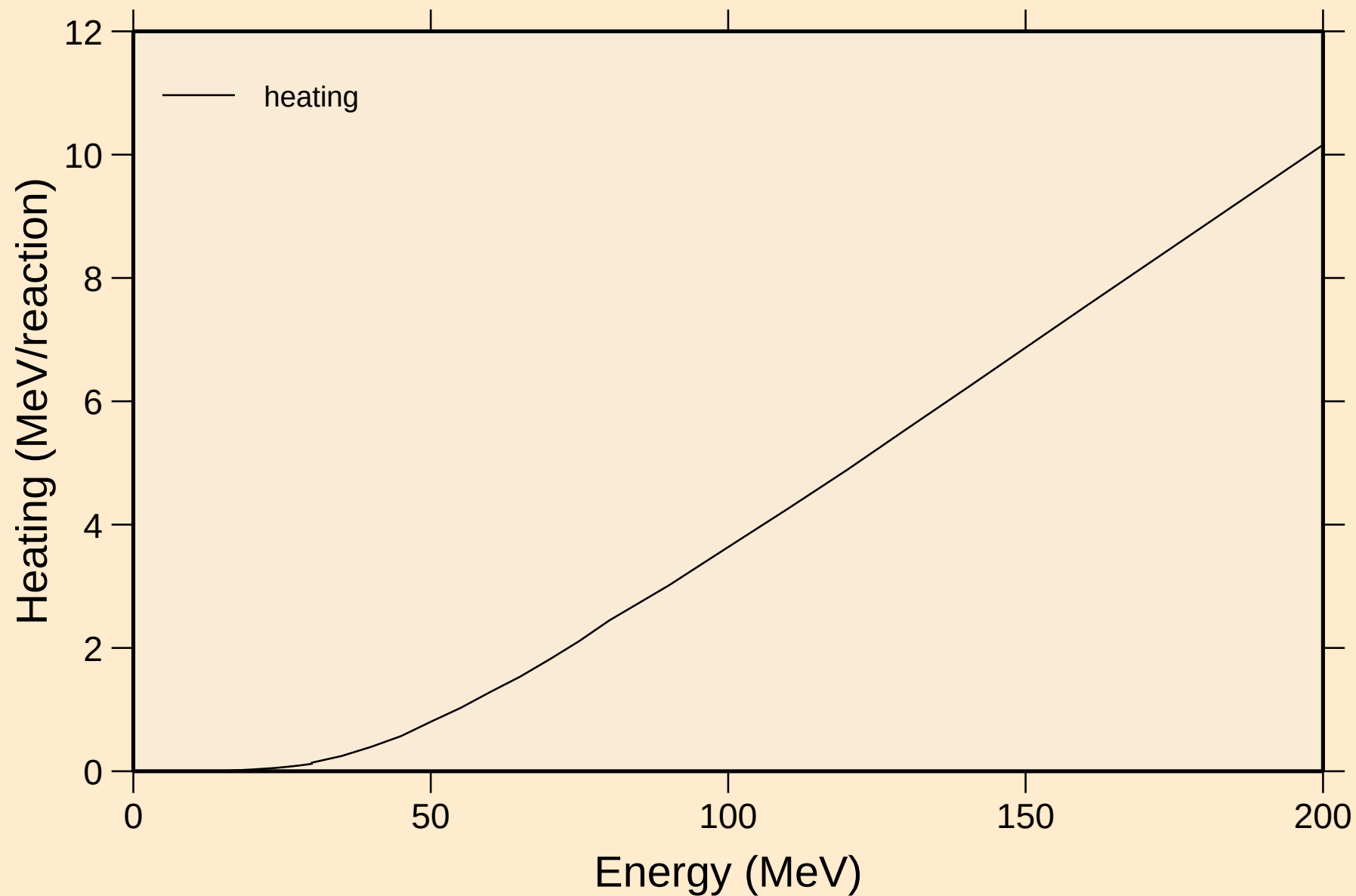
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



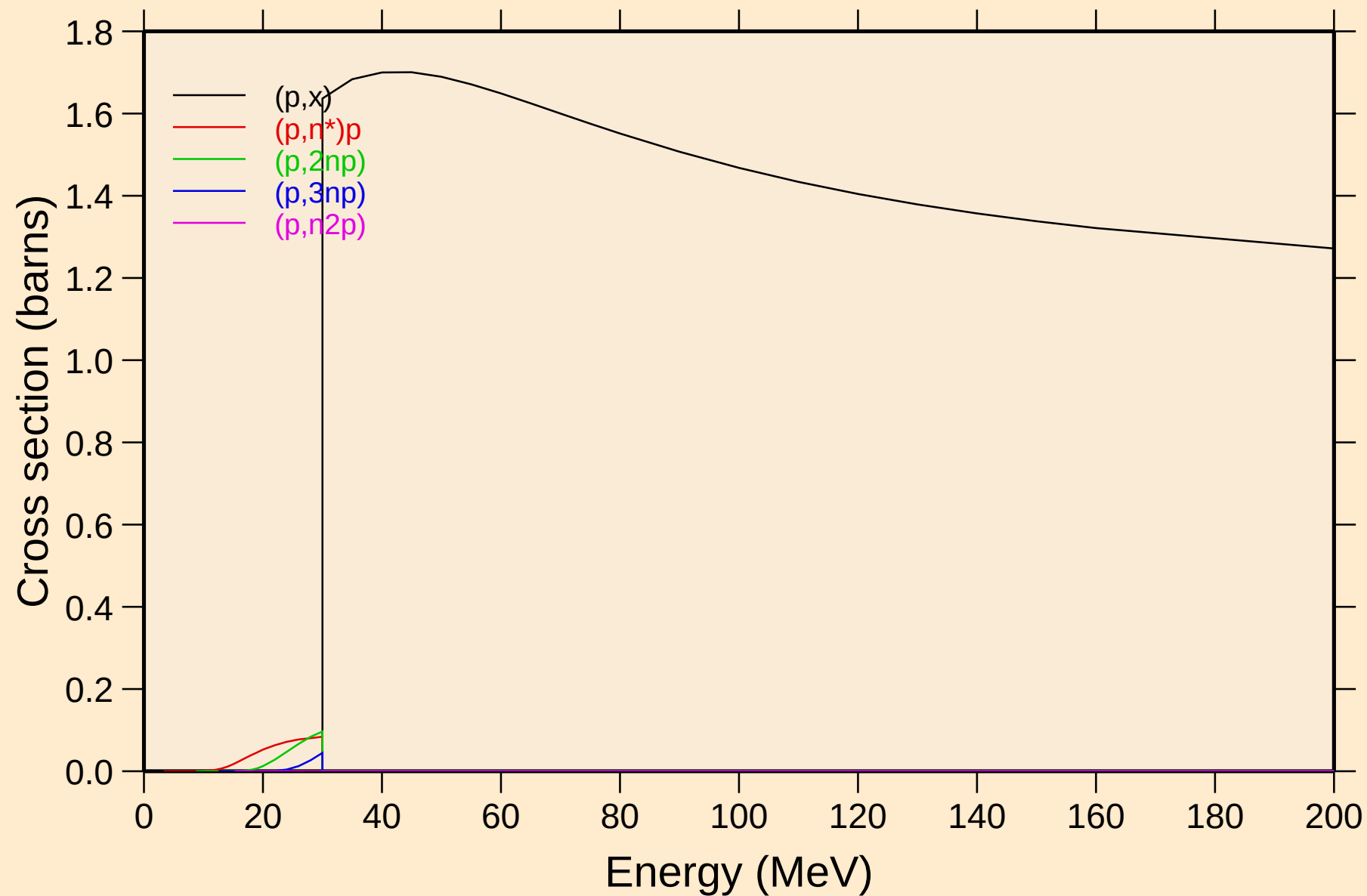
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



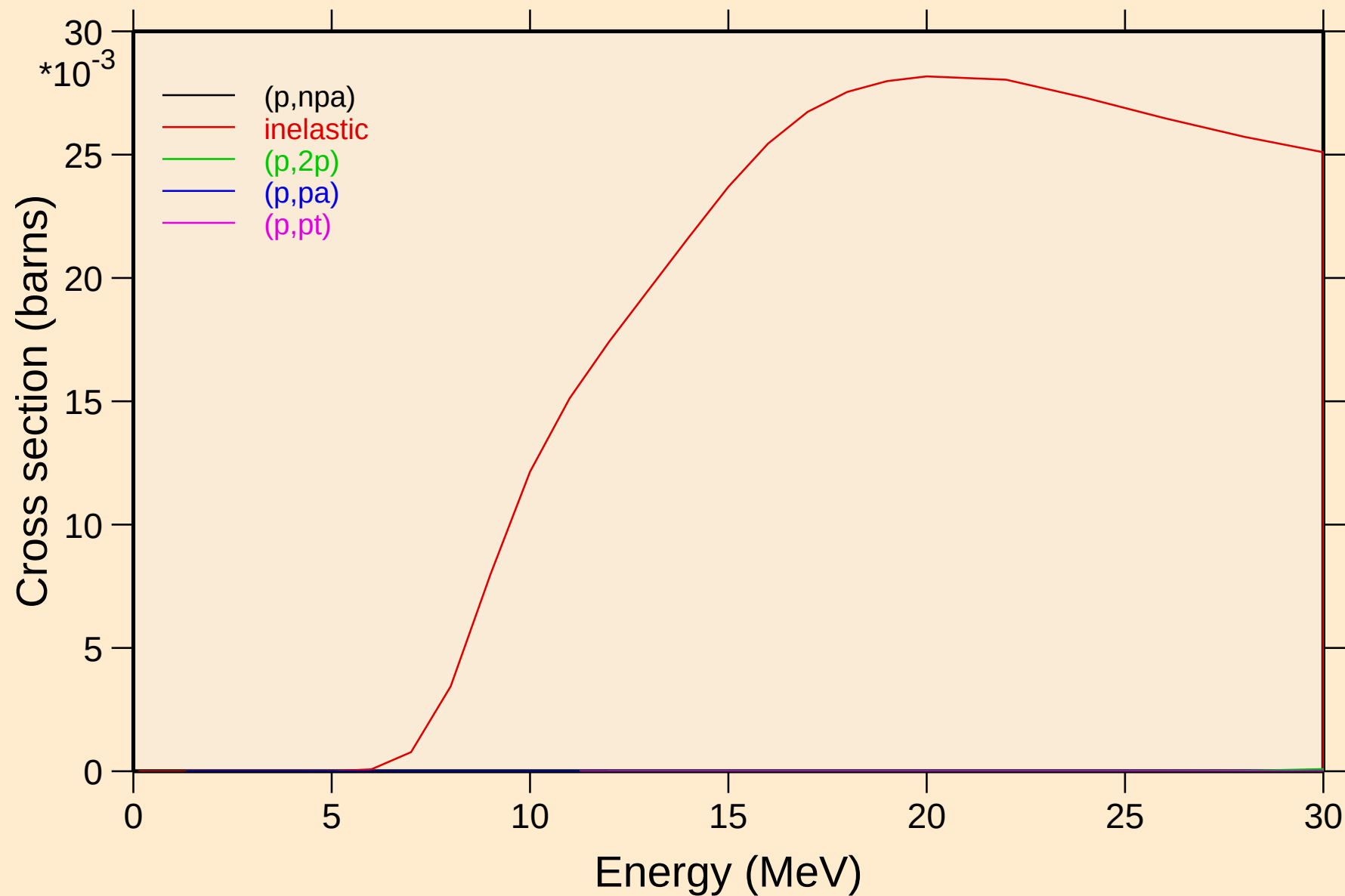
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



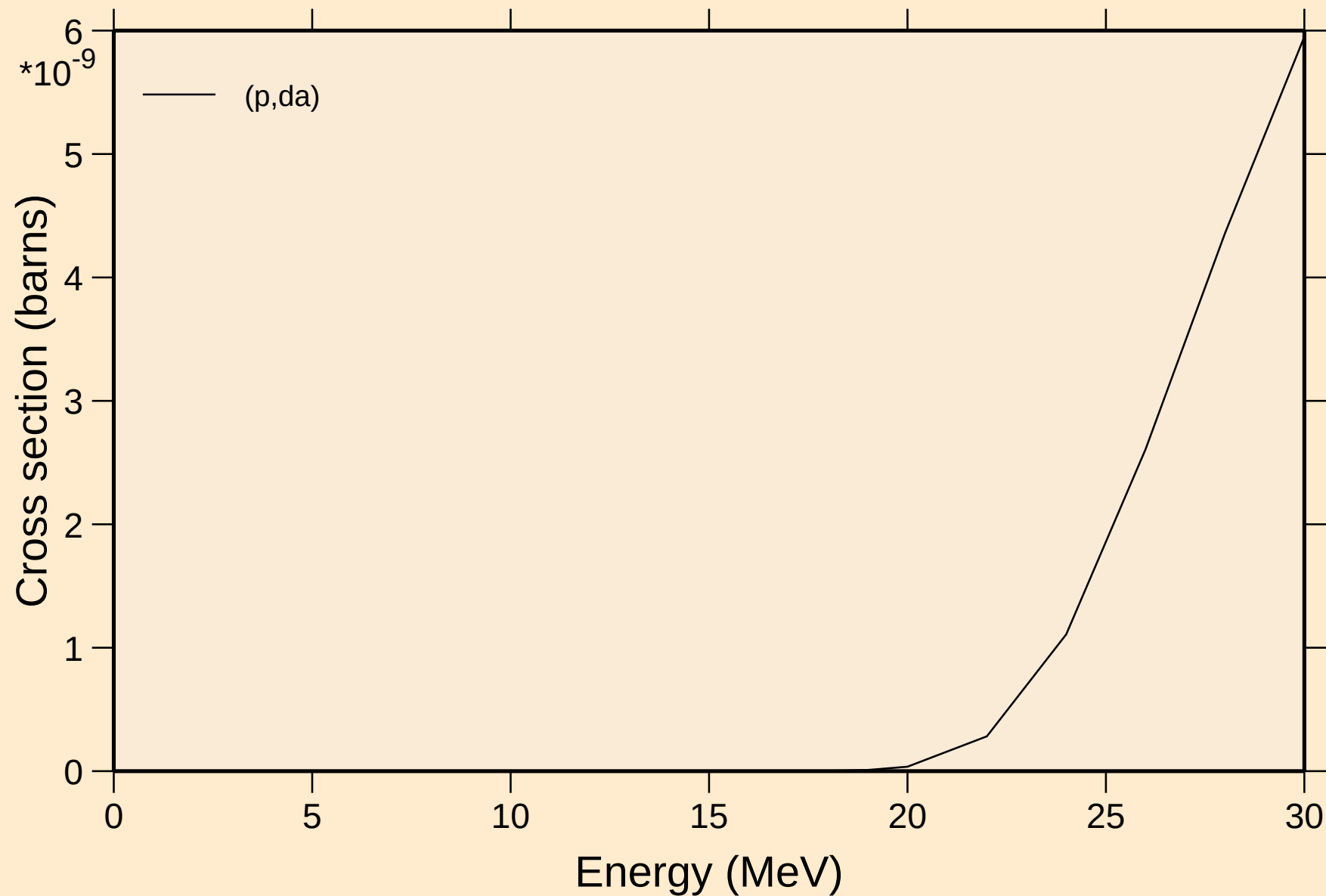
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

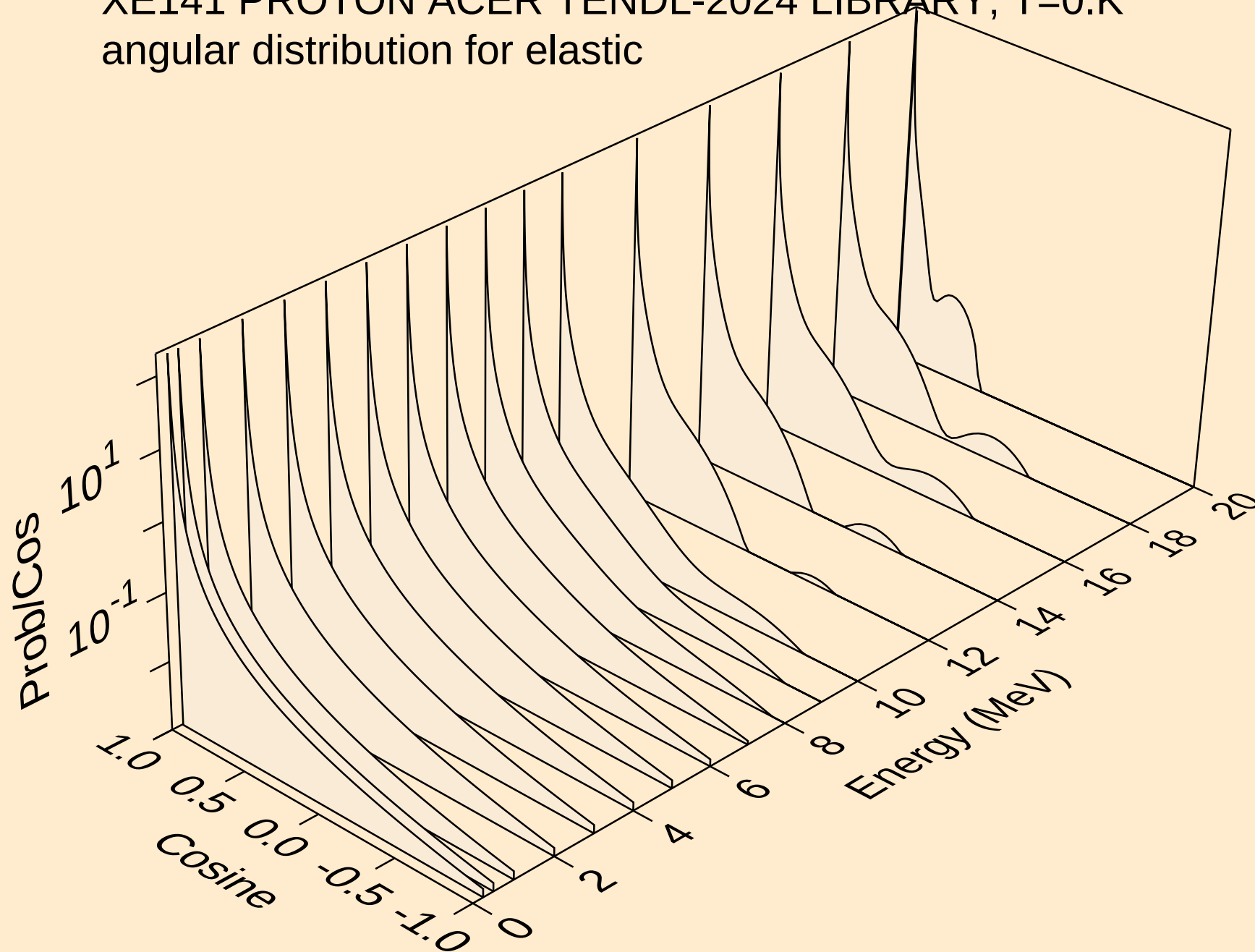


# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

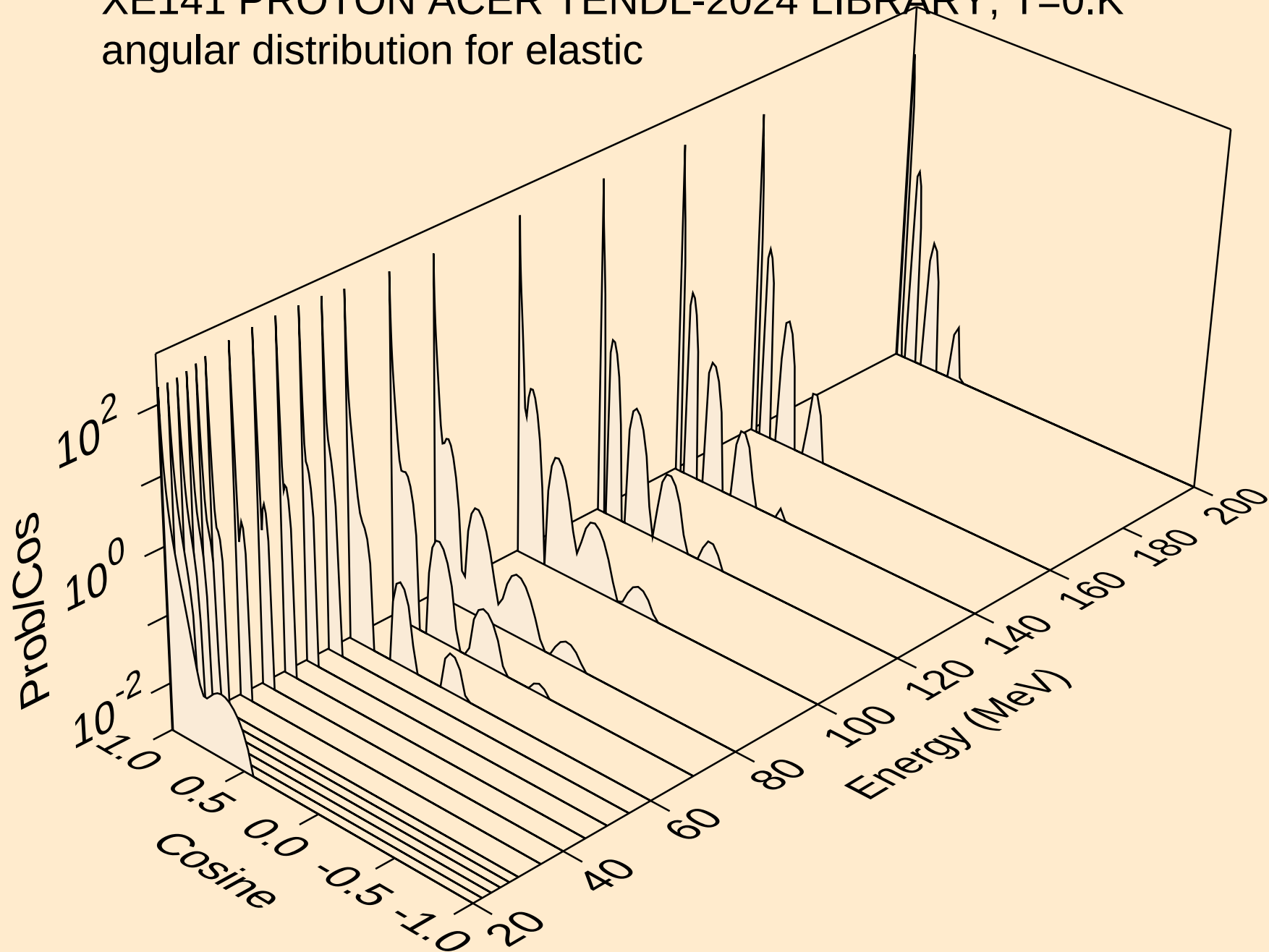


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



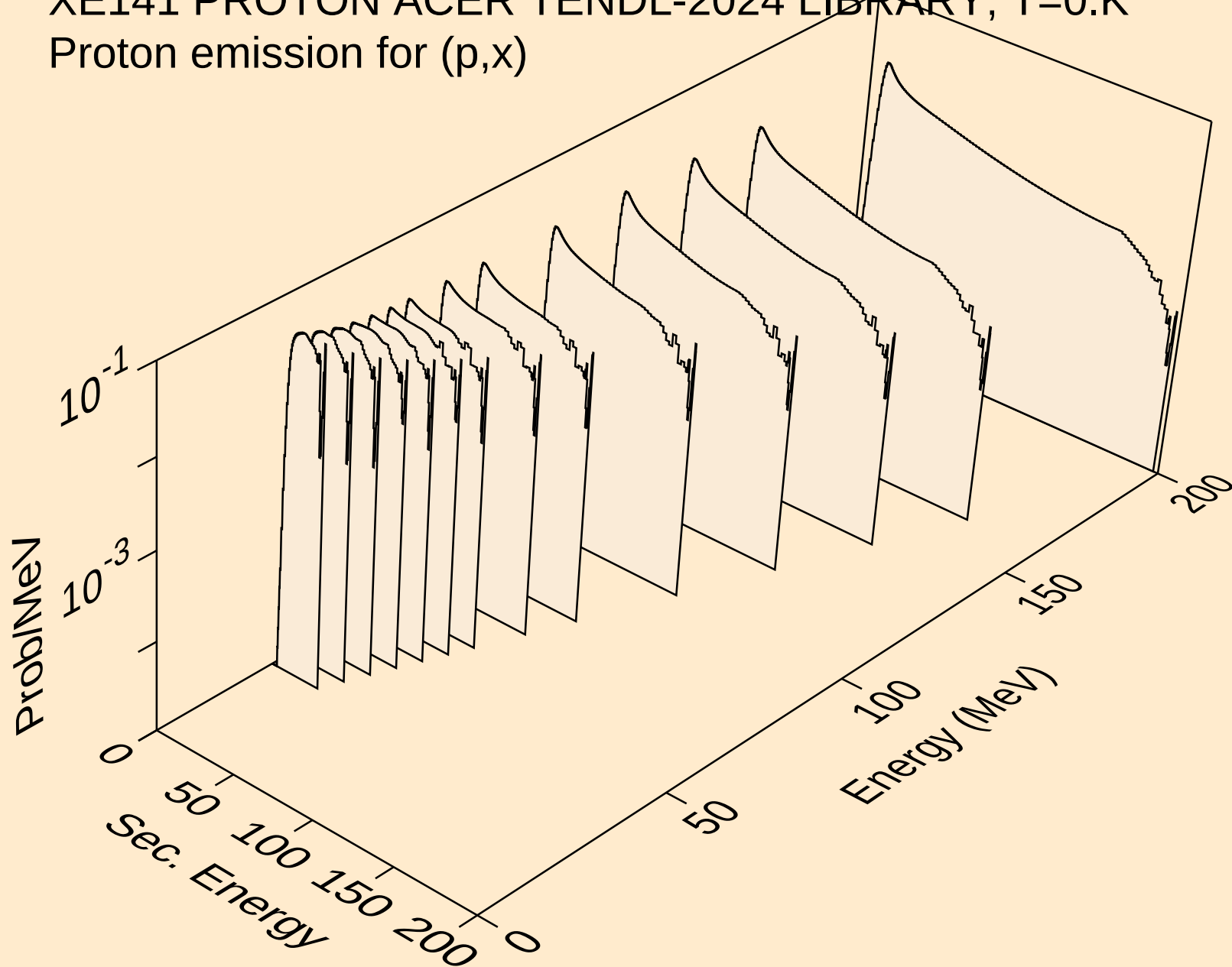


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



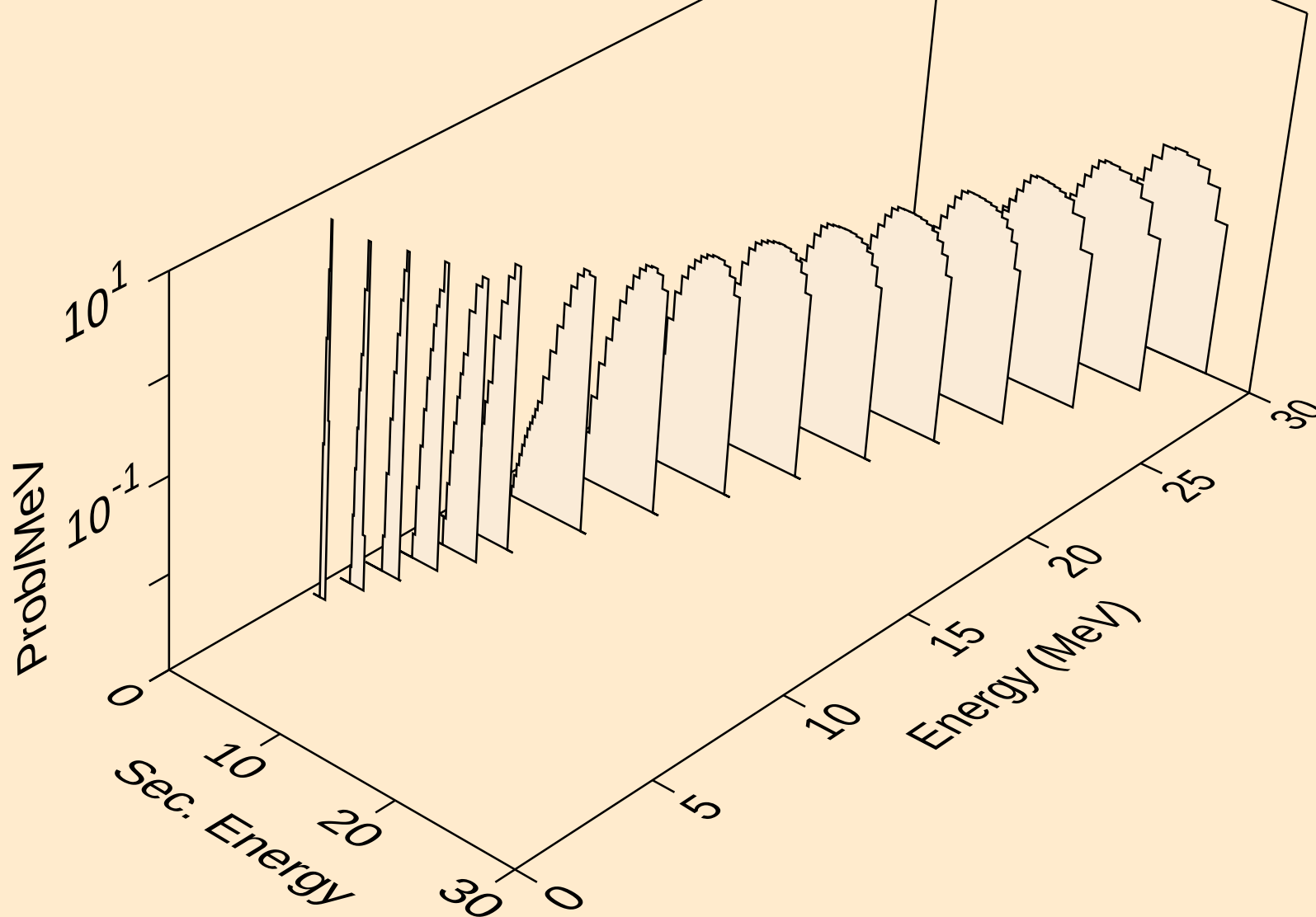
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,x)

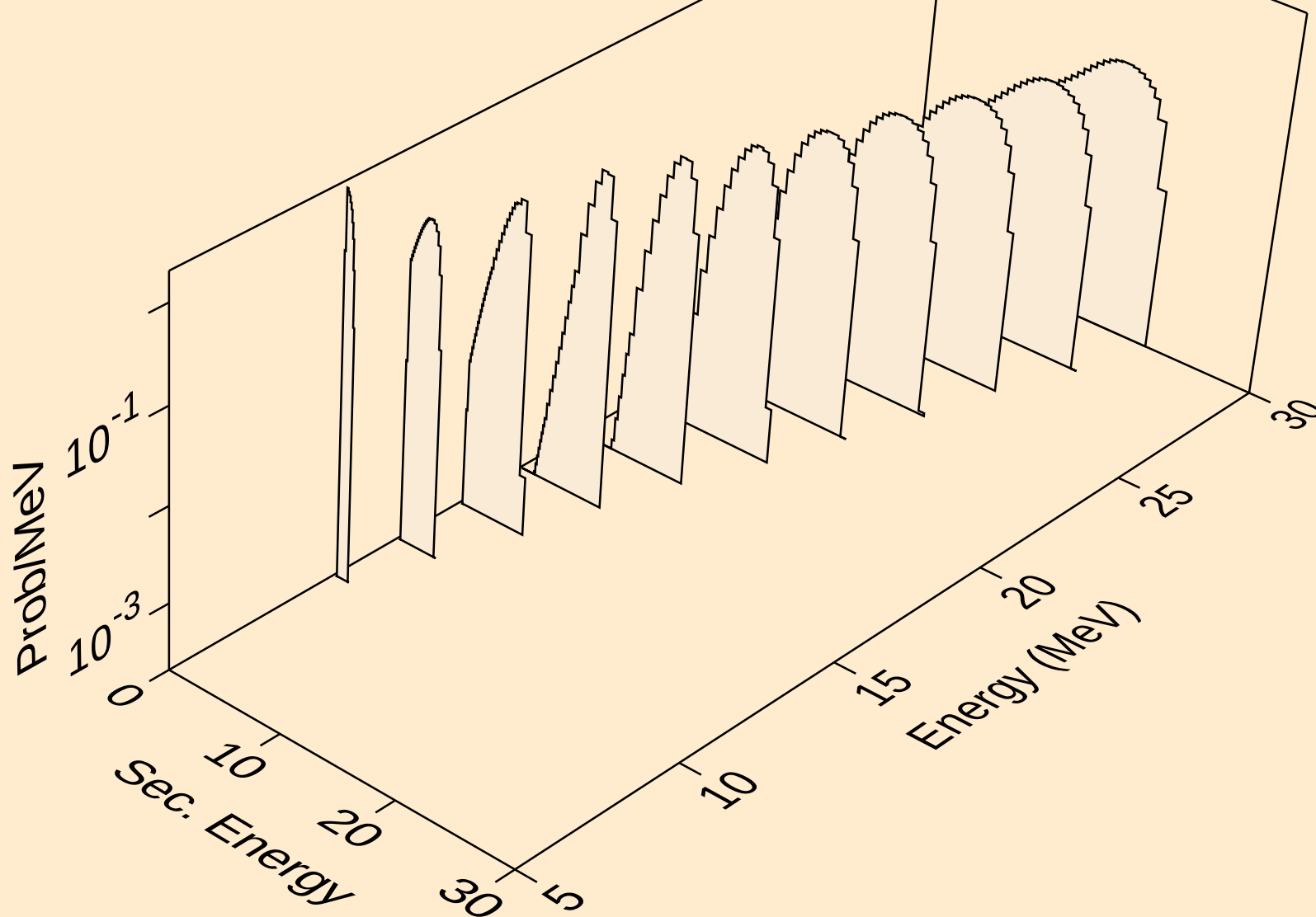


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

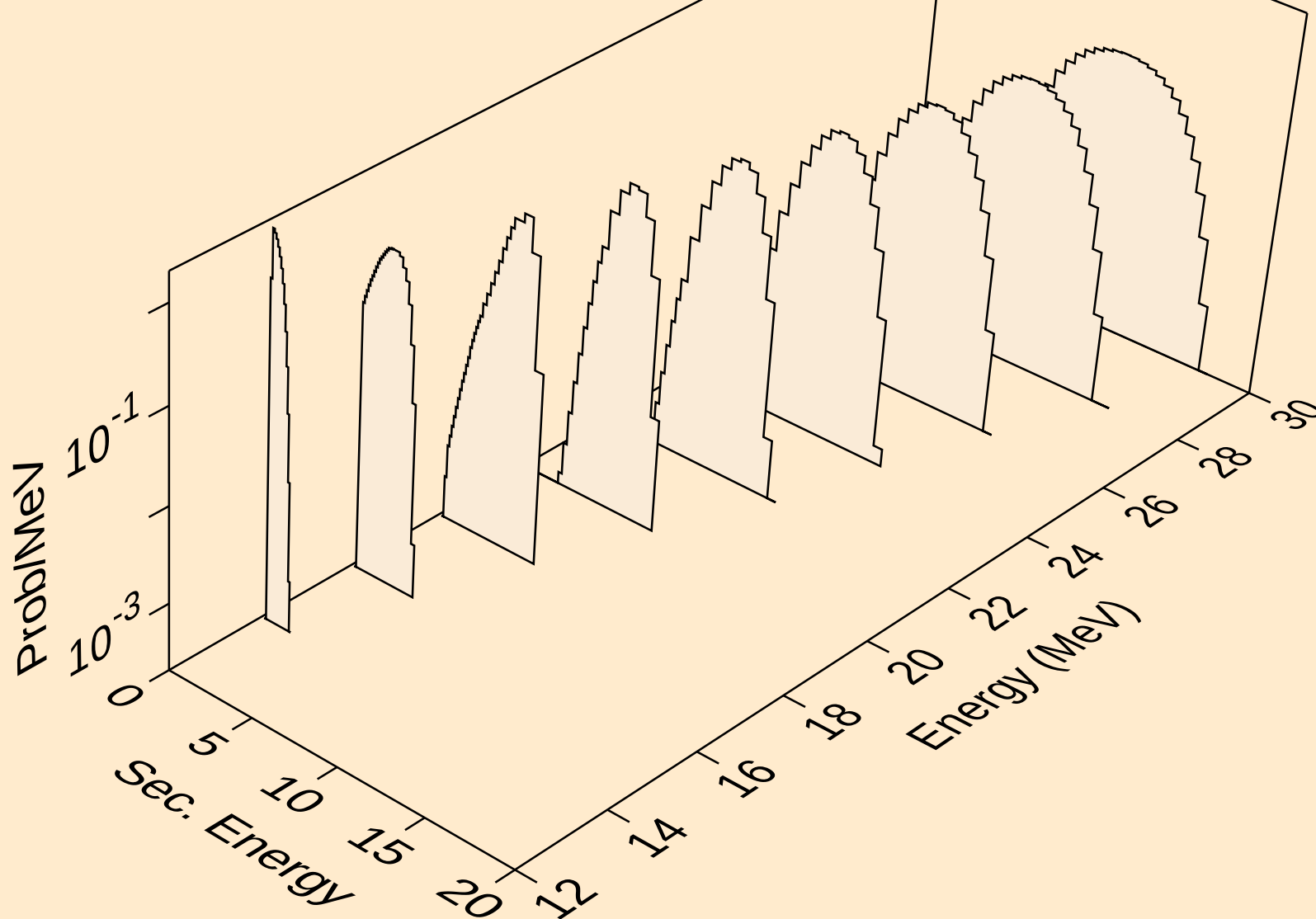
Proton emission for  $(p,n^*)p$



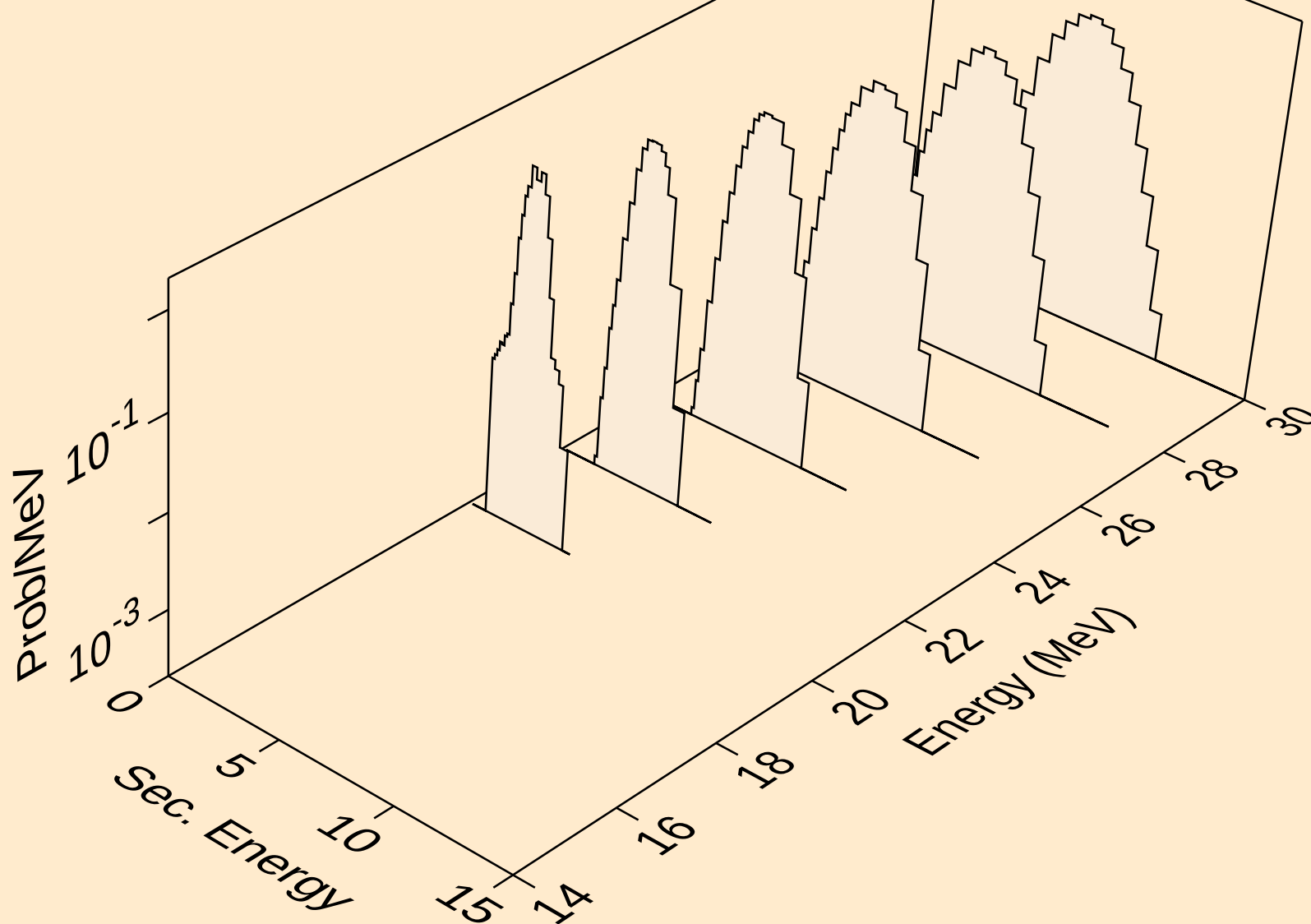
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



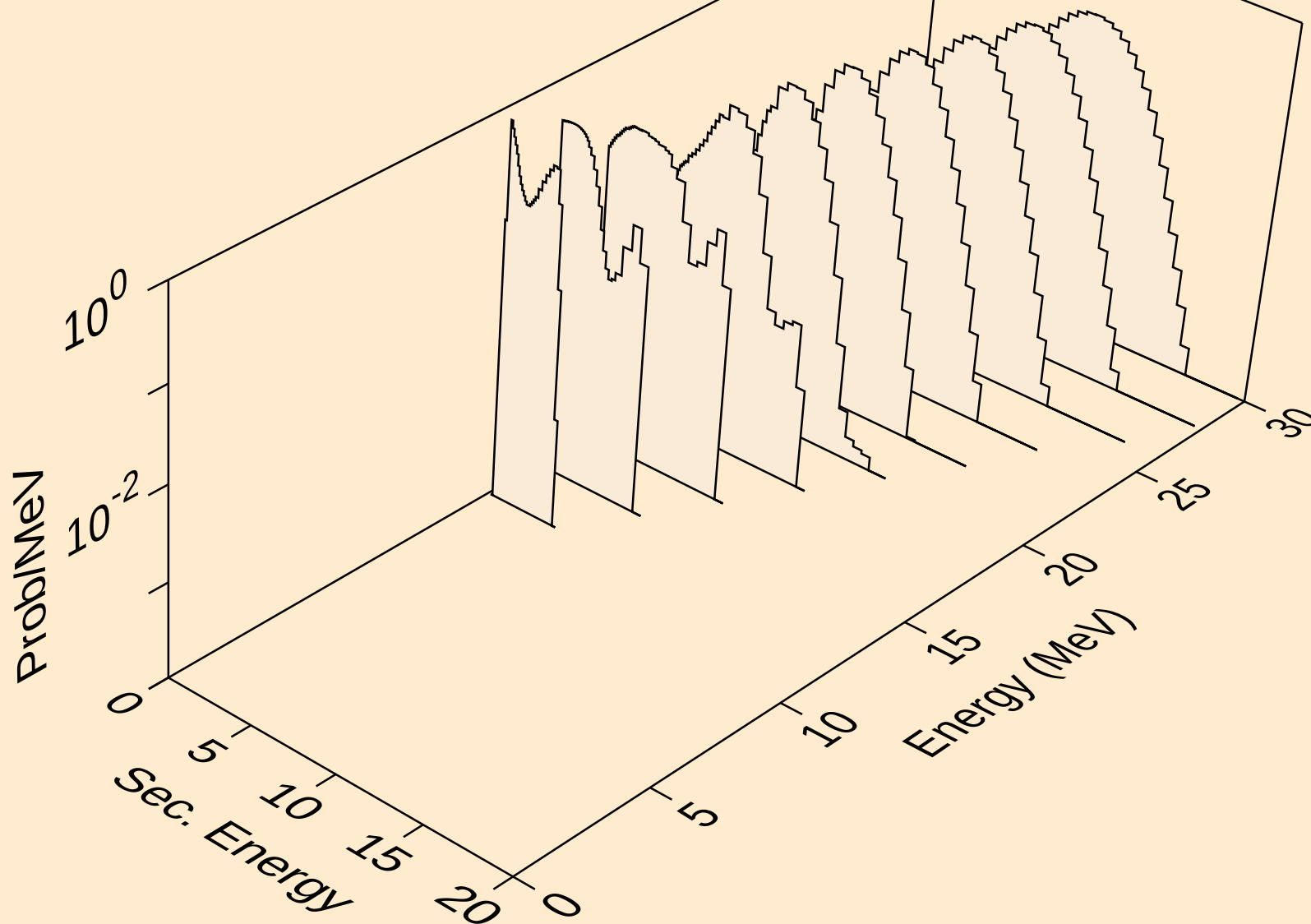
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



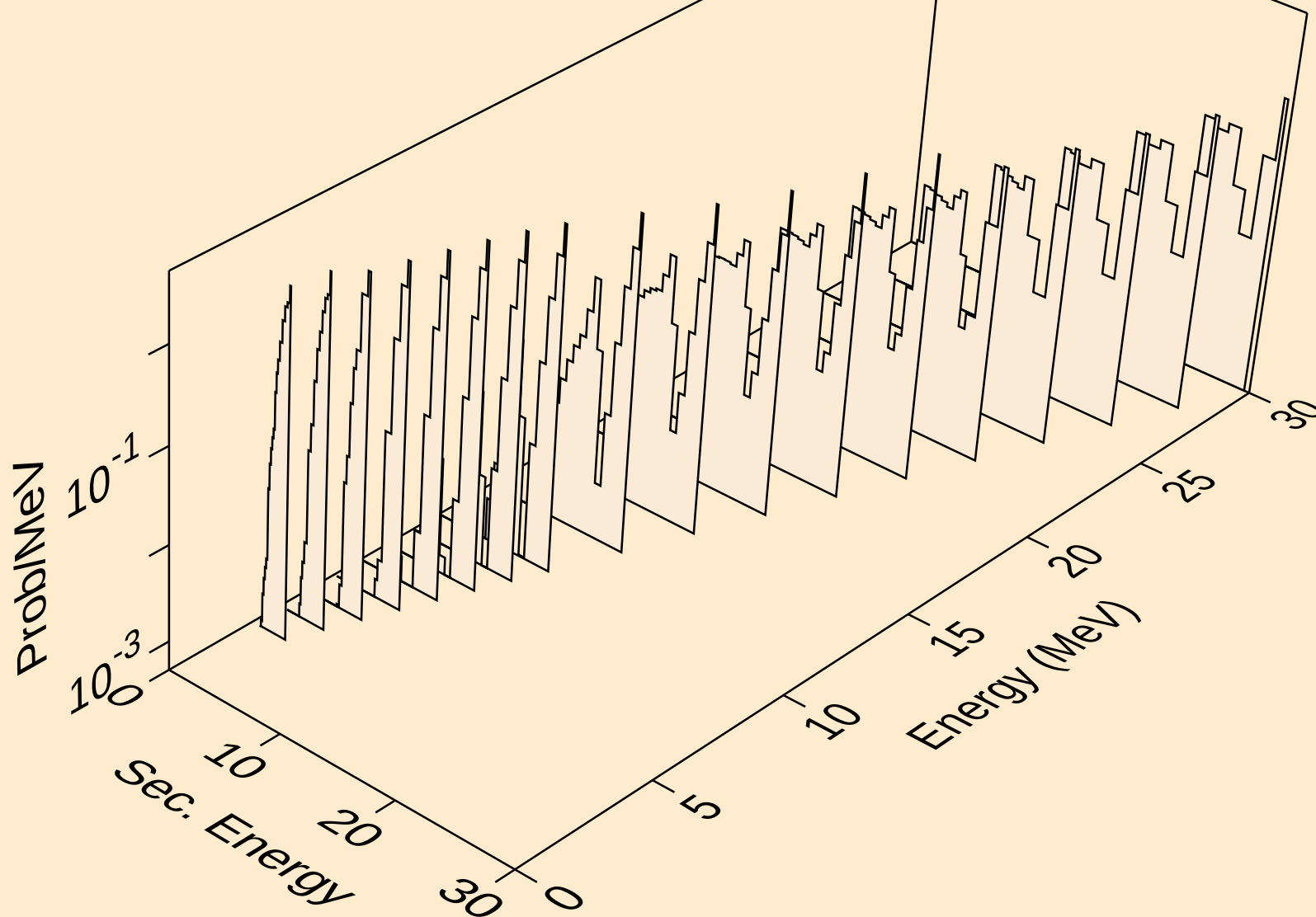
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



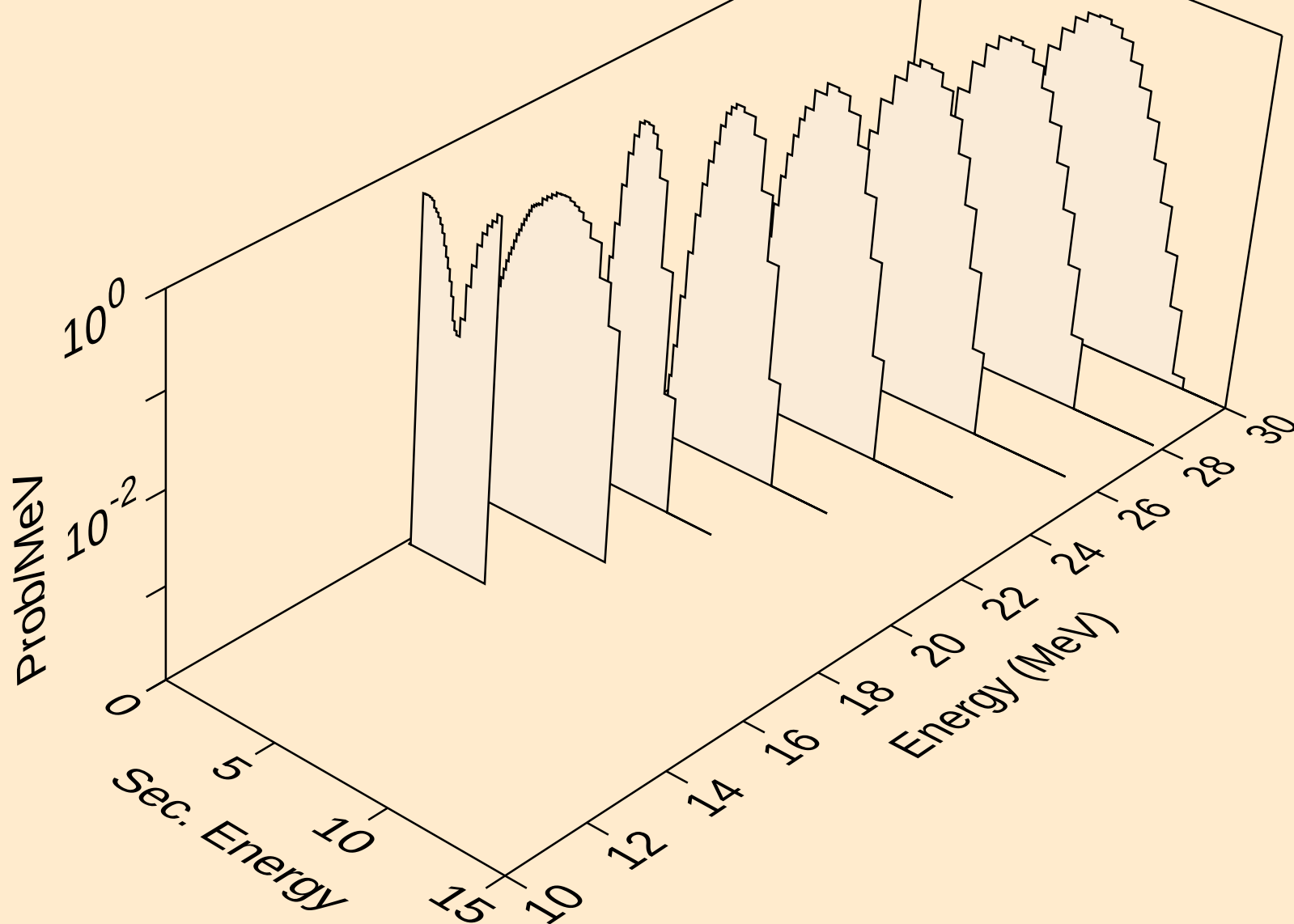
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic





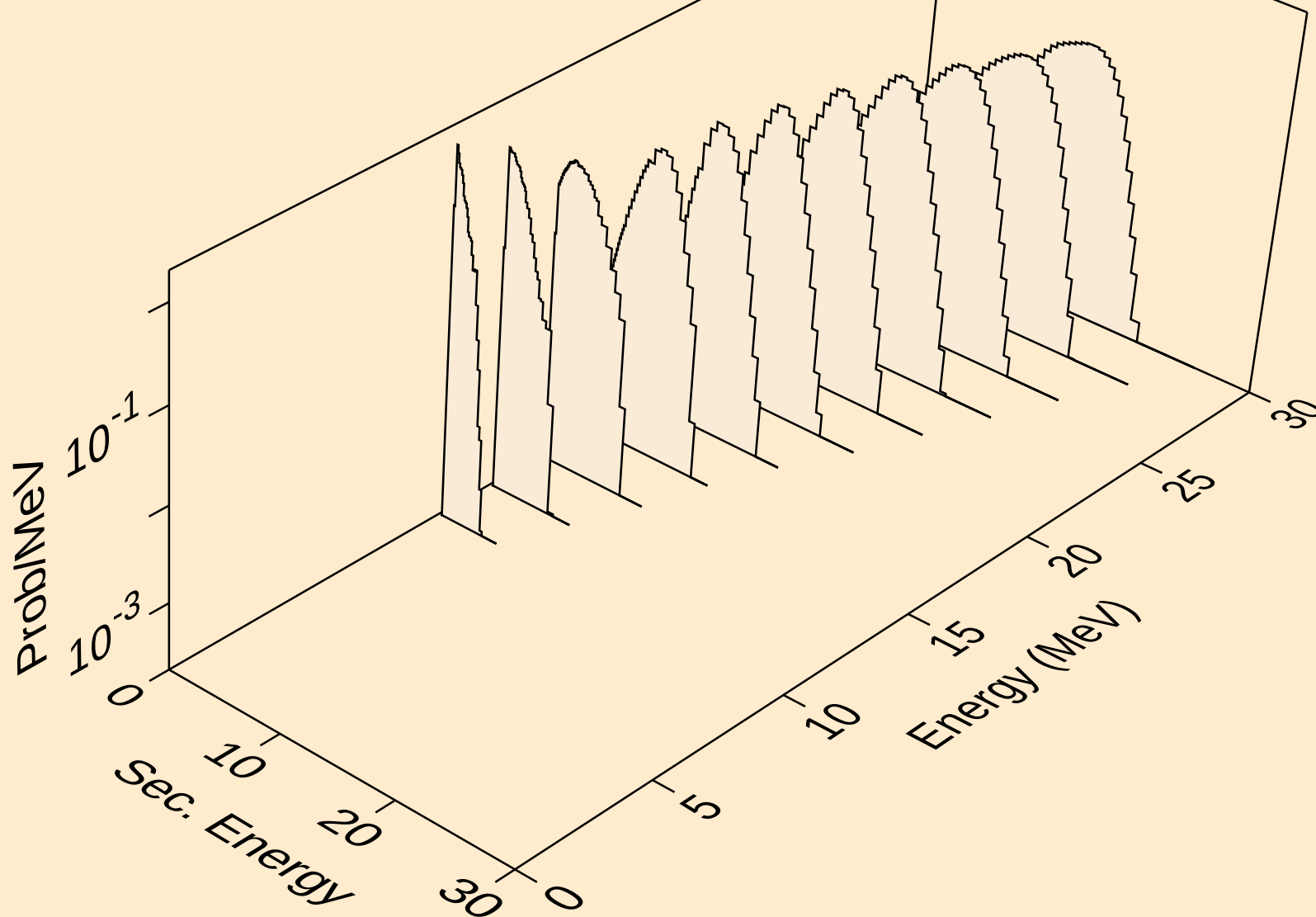
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,2p)



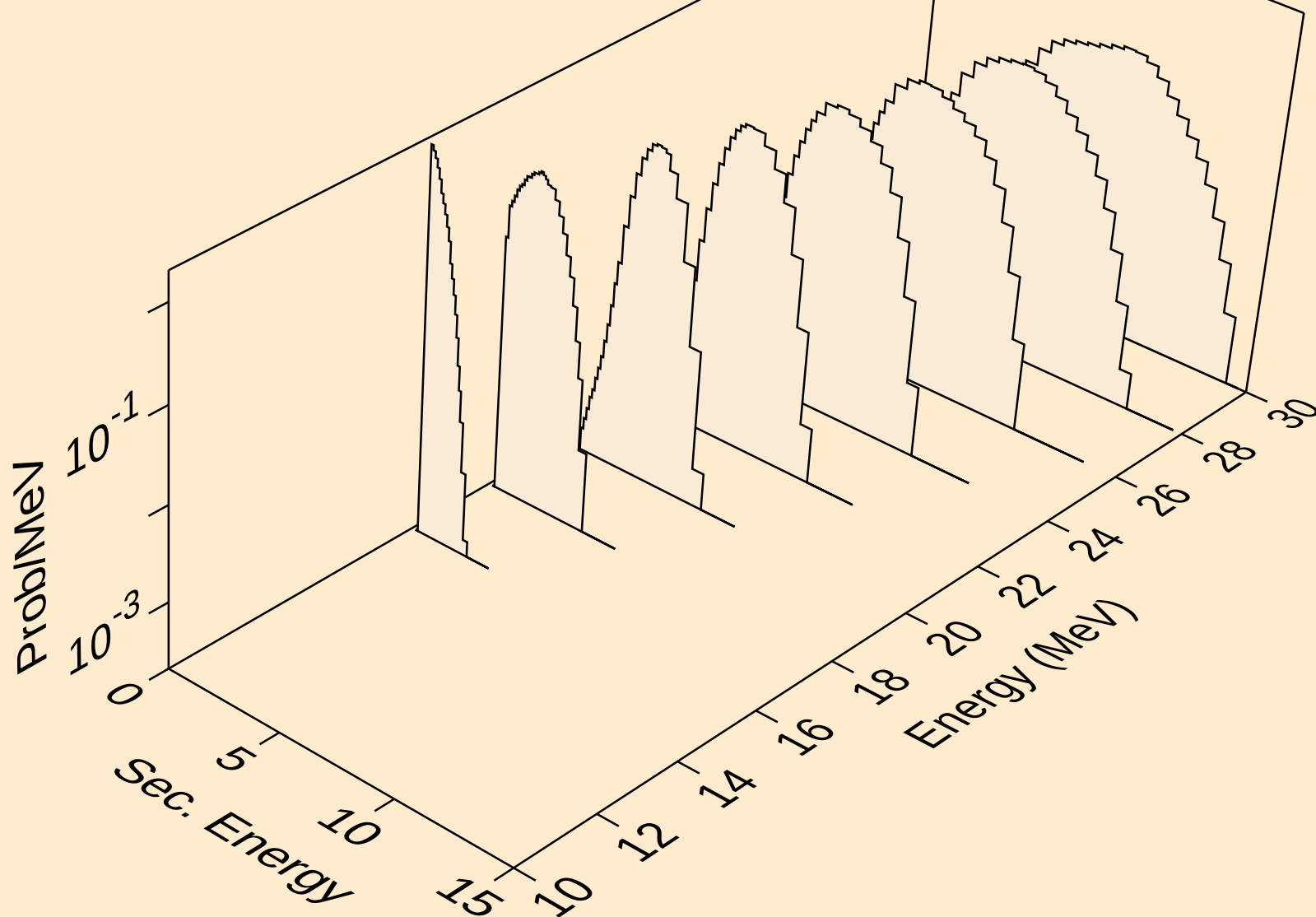
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pa)

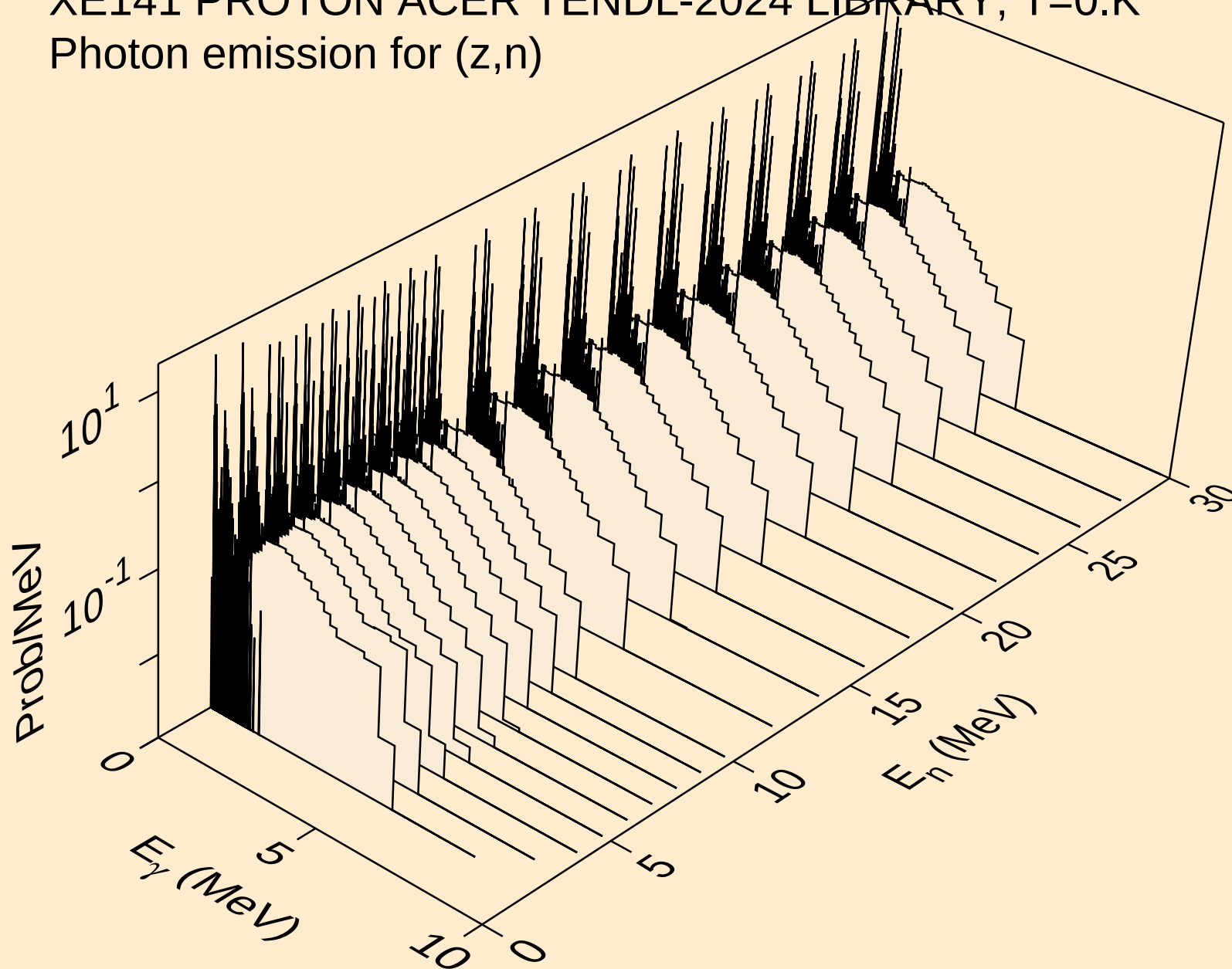


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pt)

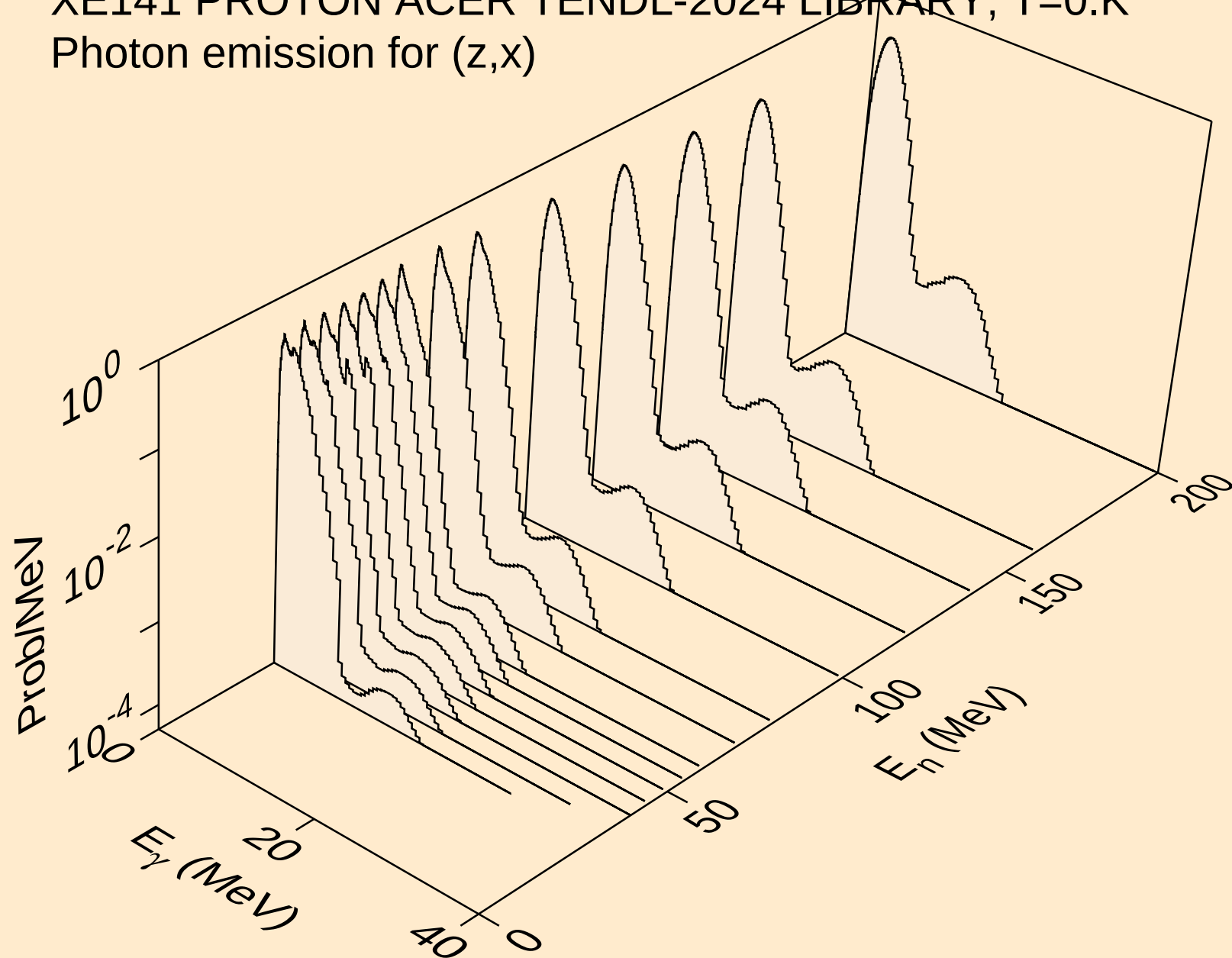


XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (z,n)

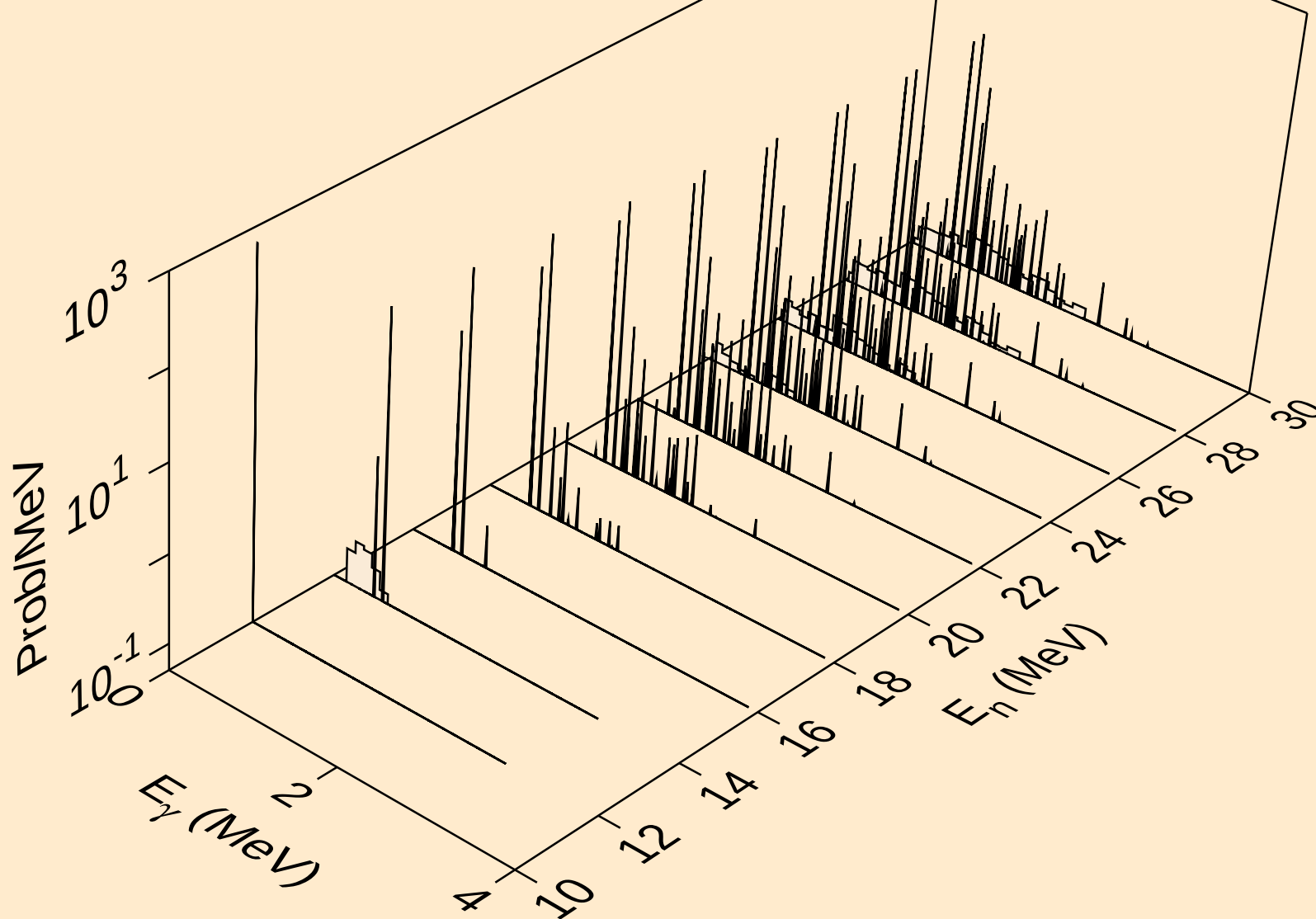


XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

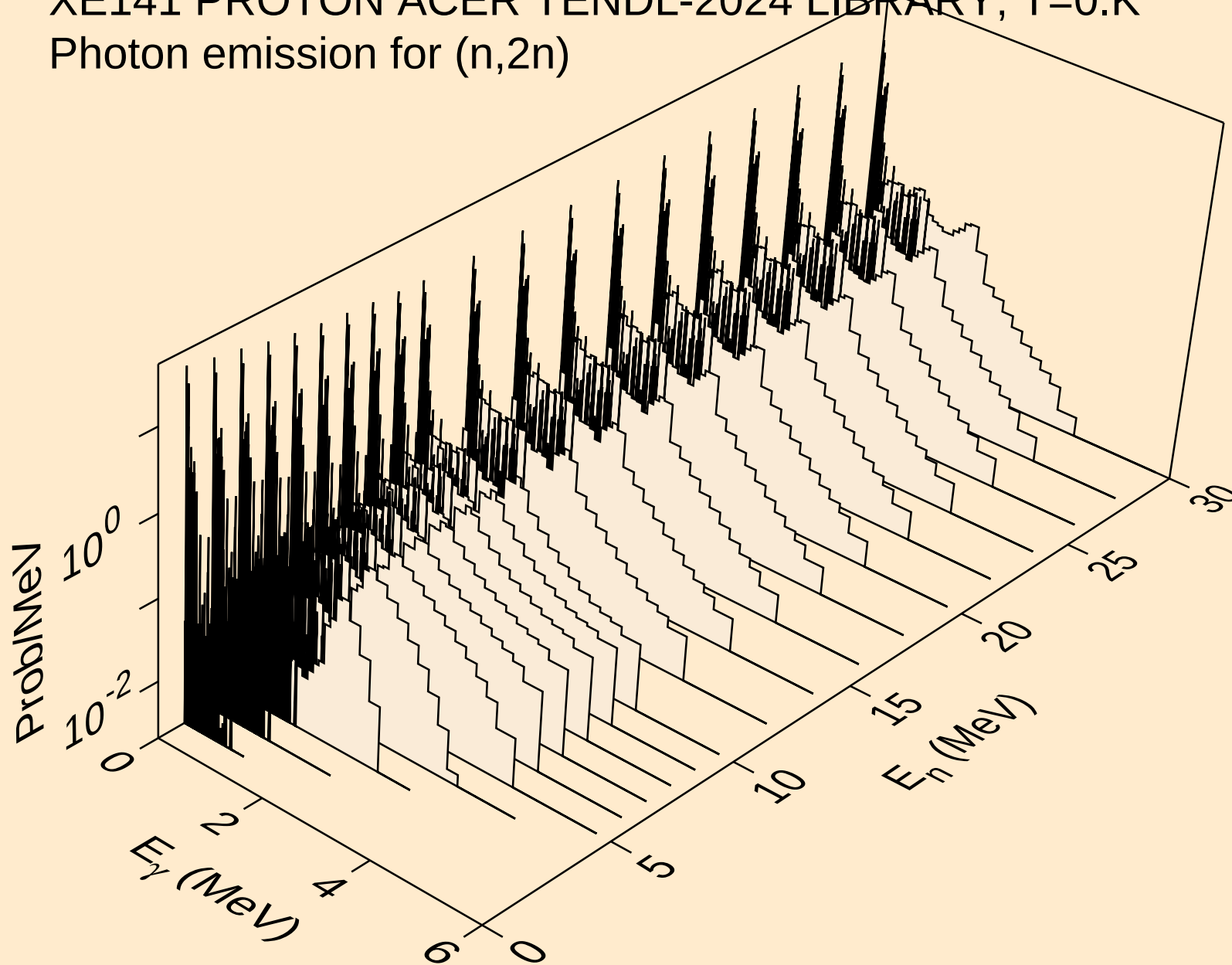
Photon emission for (z,x)



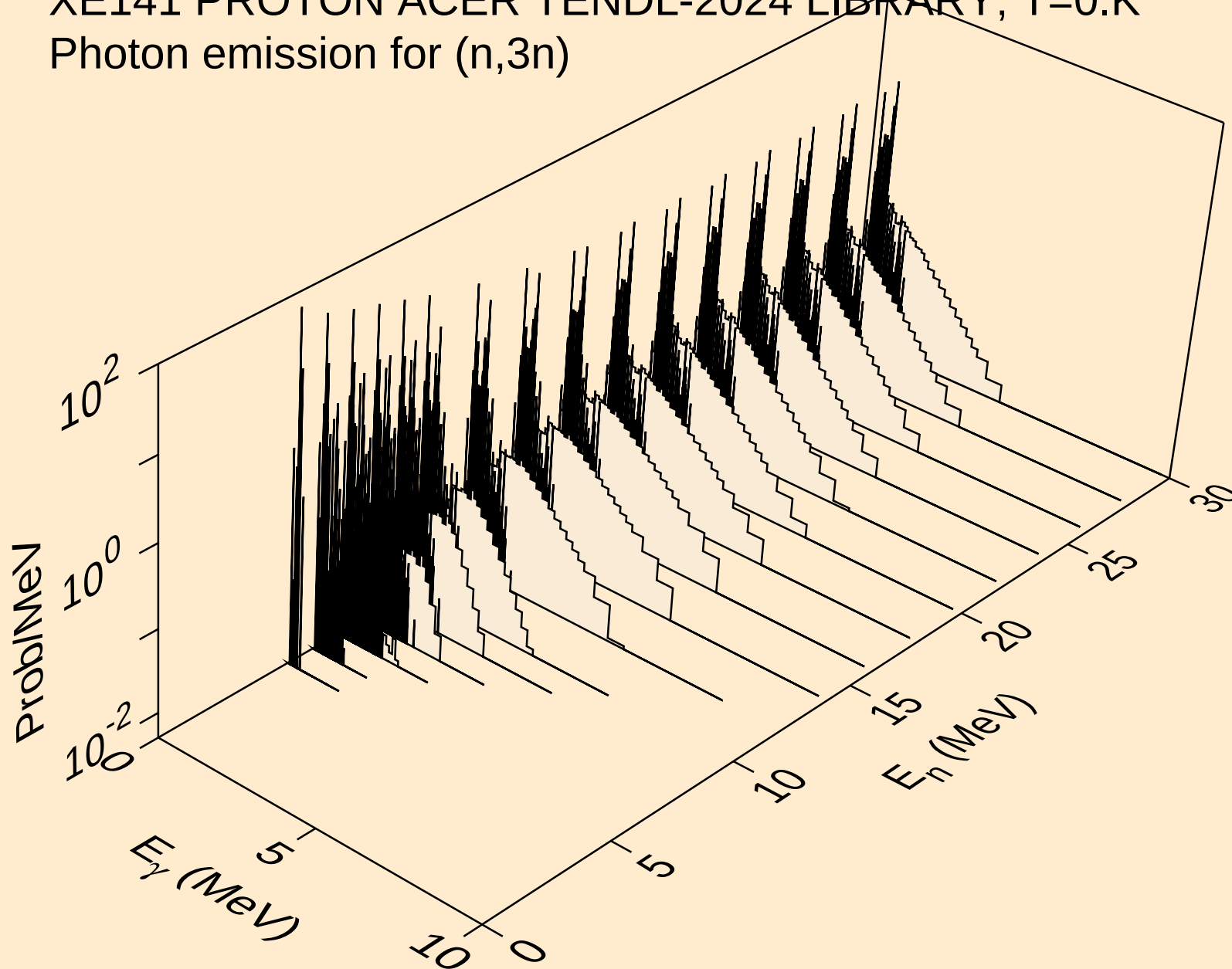
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2nd)



XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



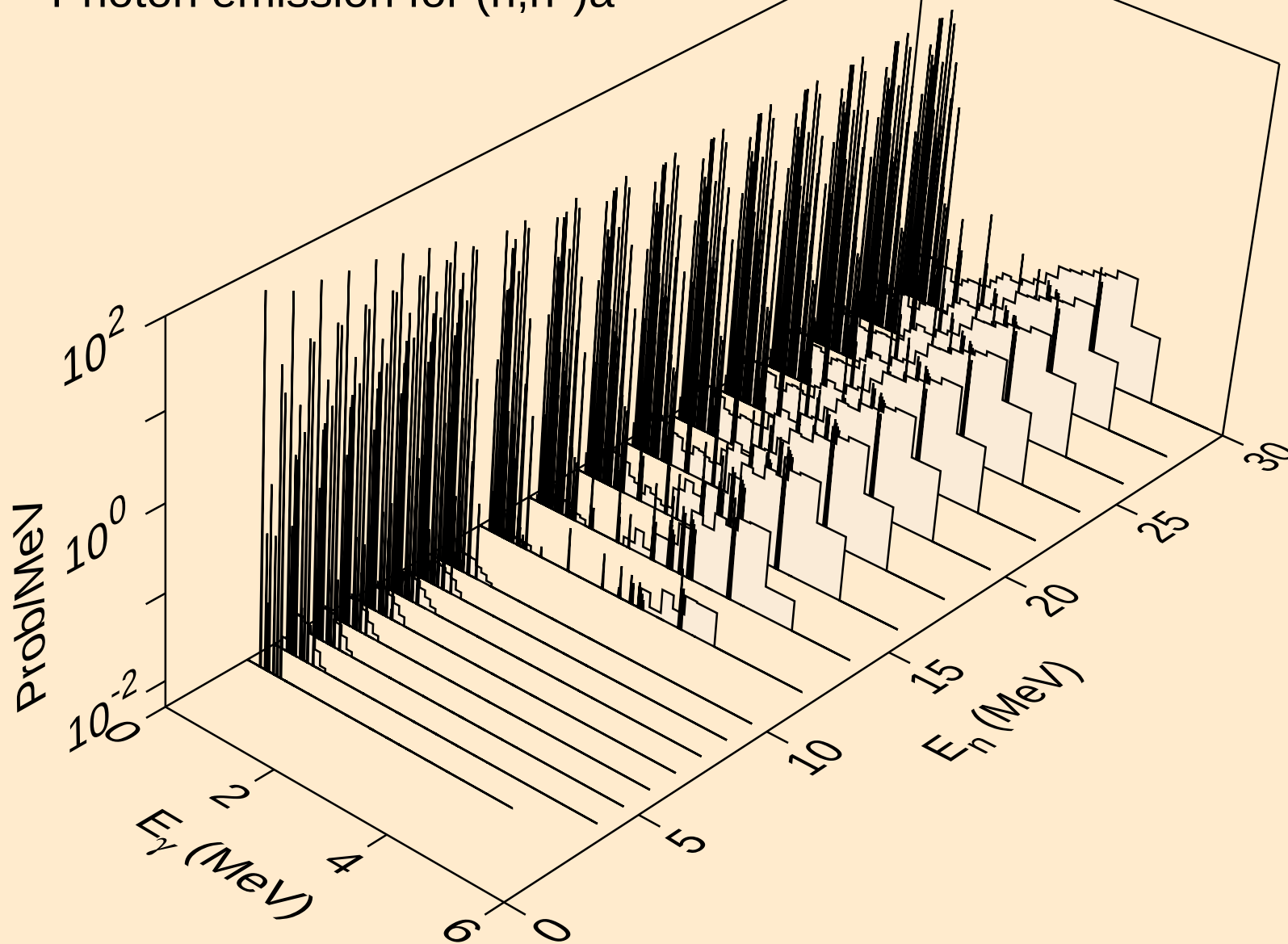
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)





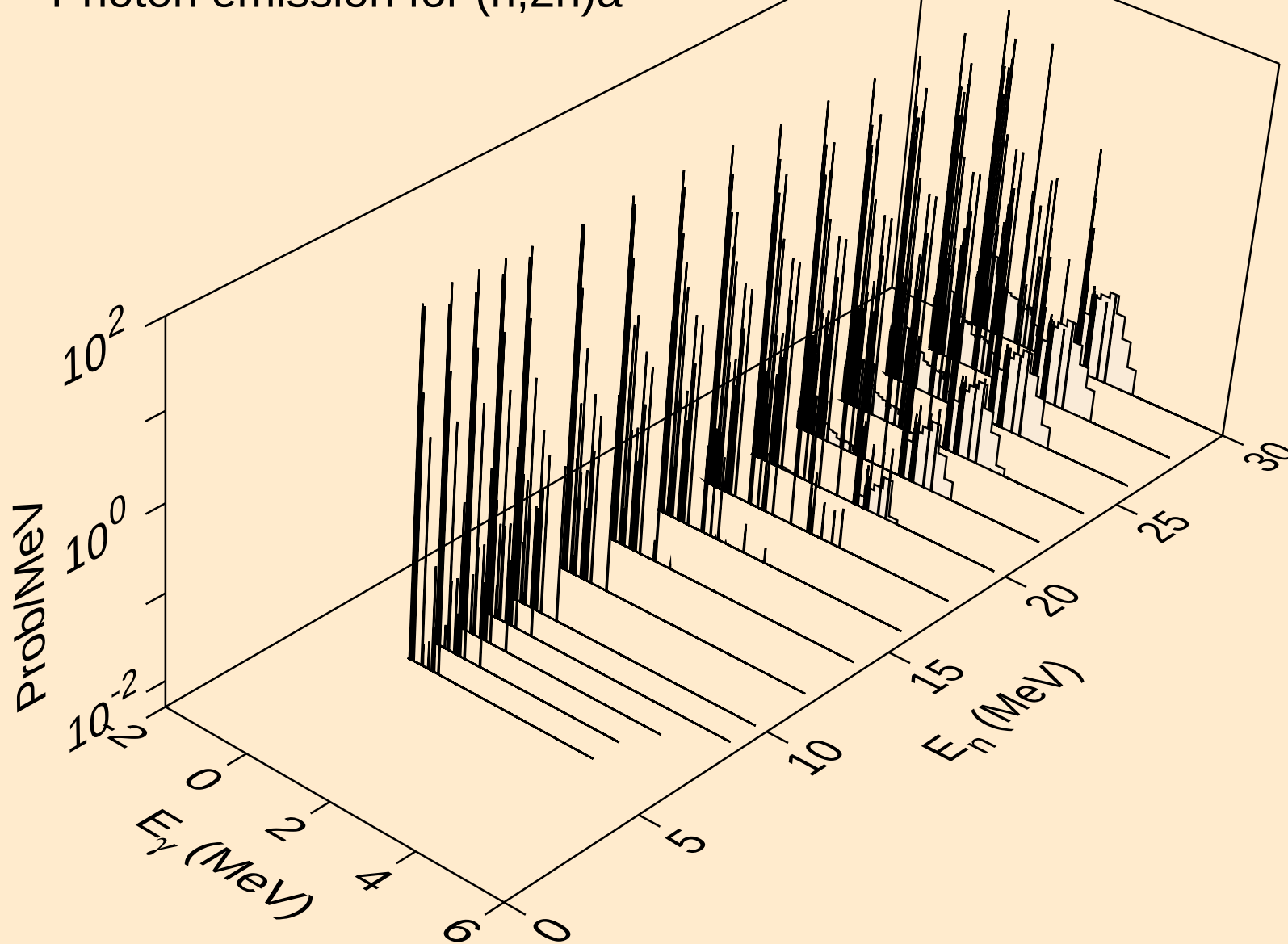
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,n^*)a$

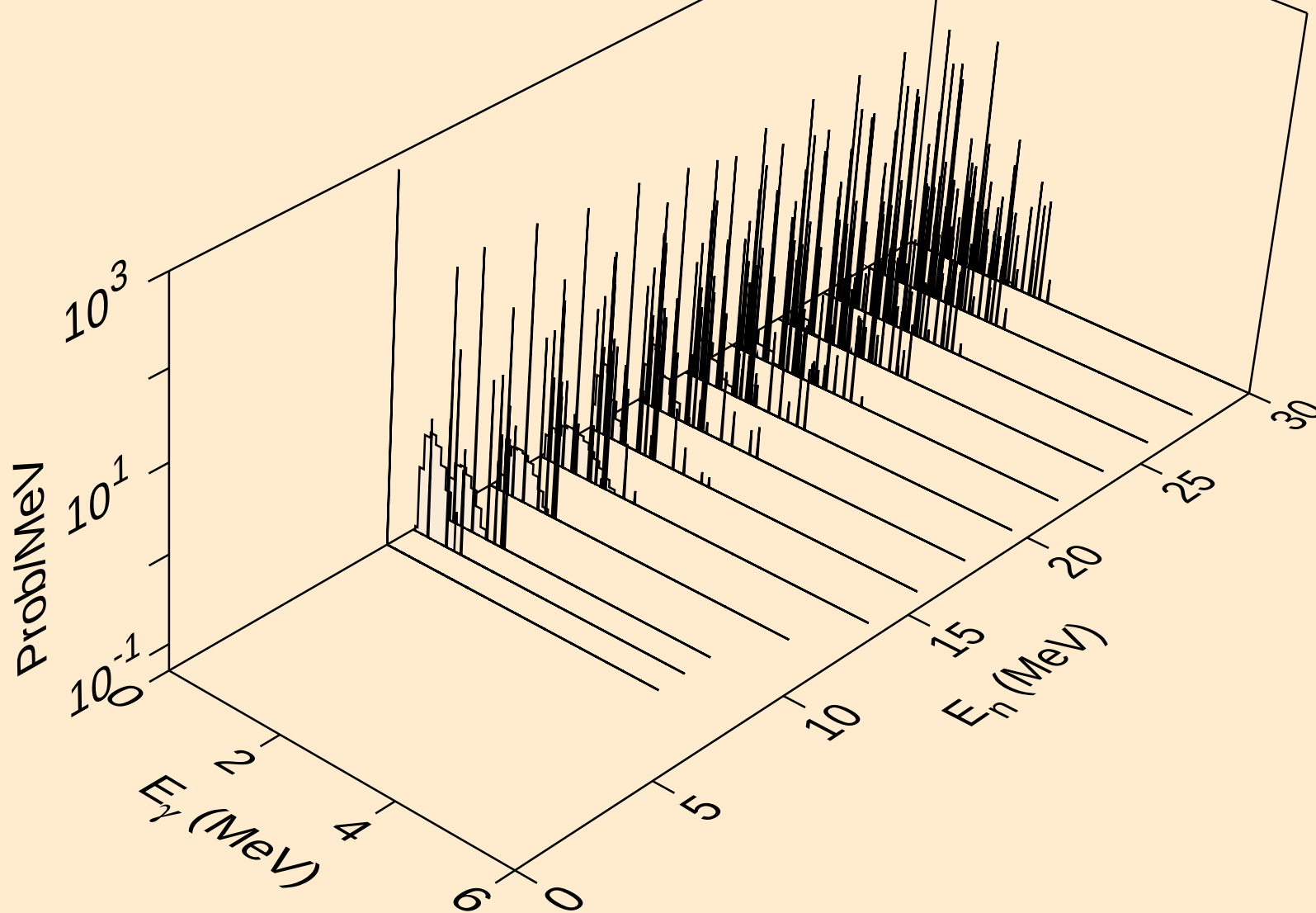


XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,2n)\alpha$

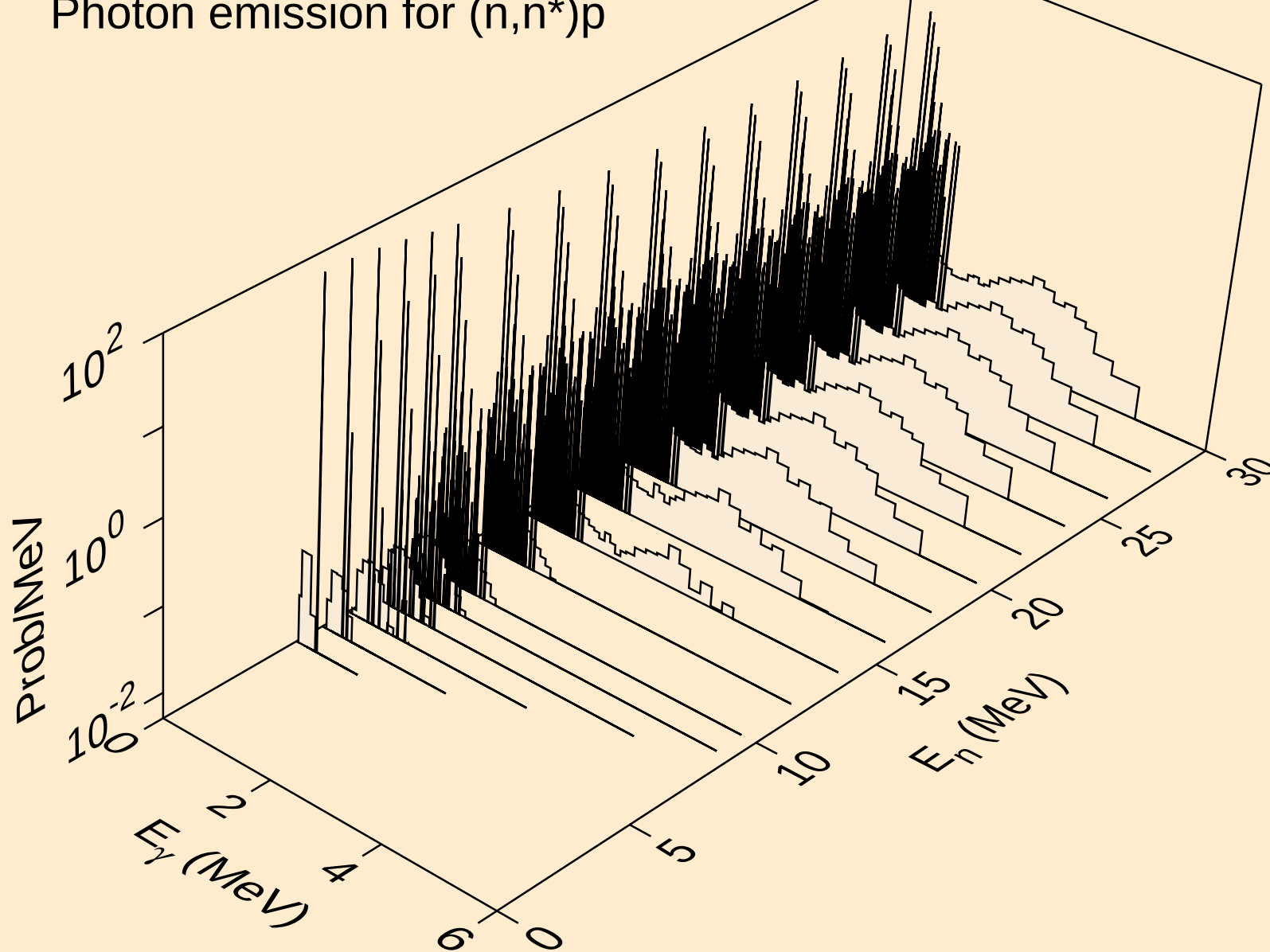


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



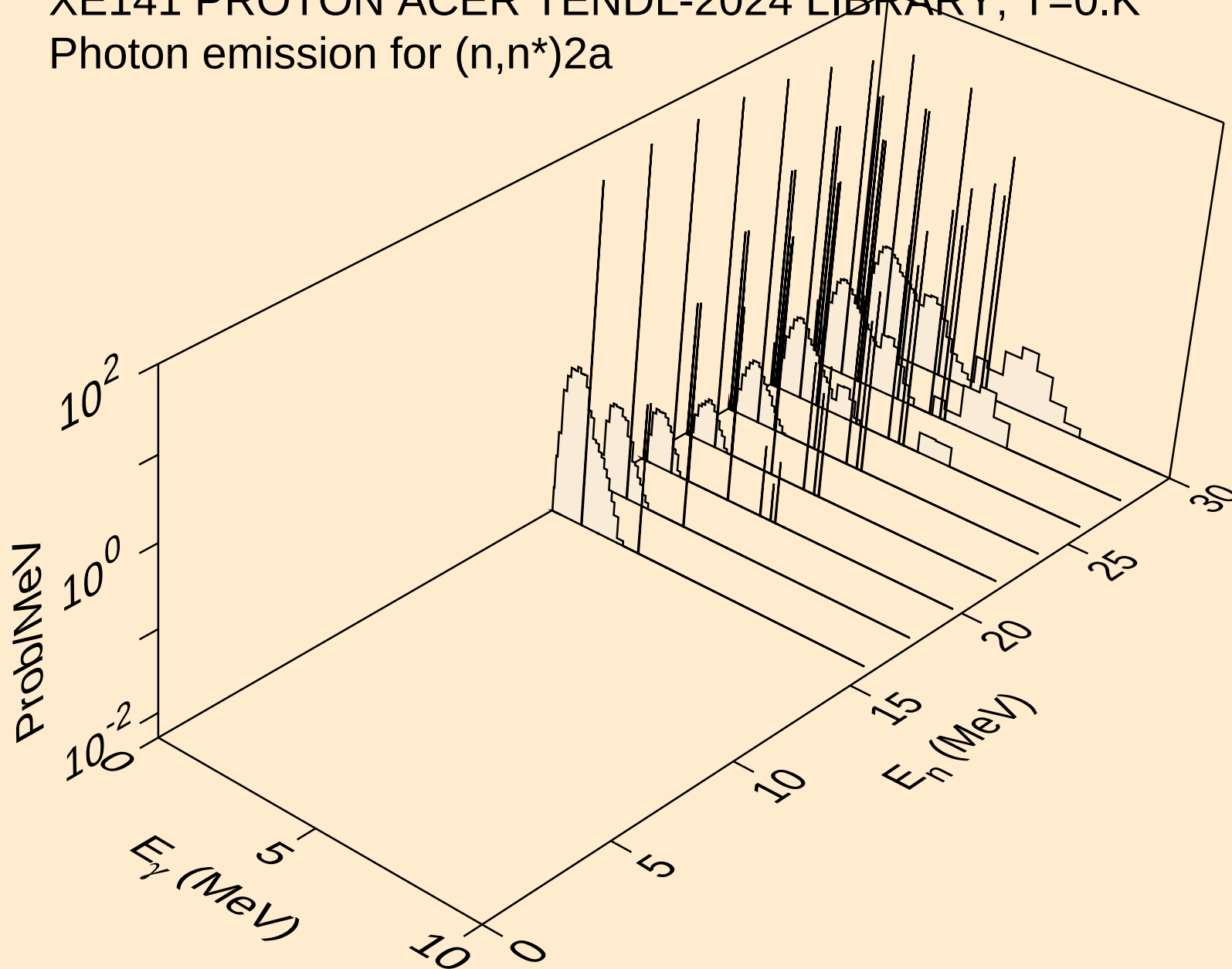
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,n^*)p$



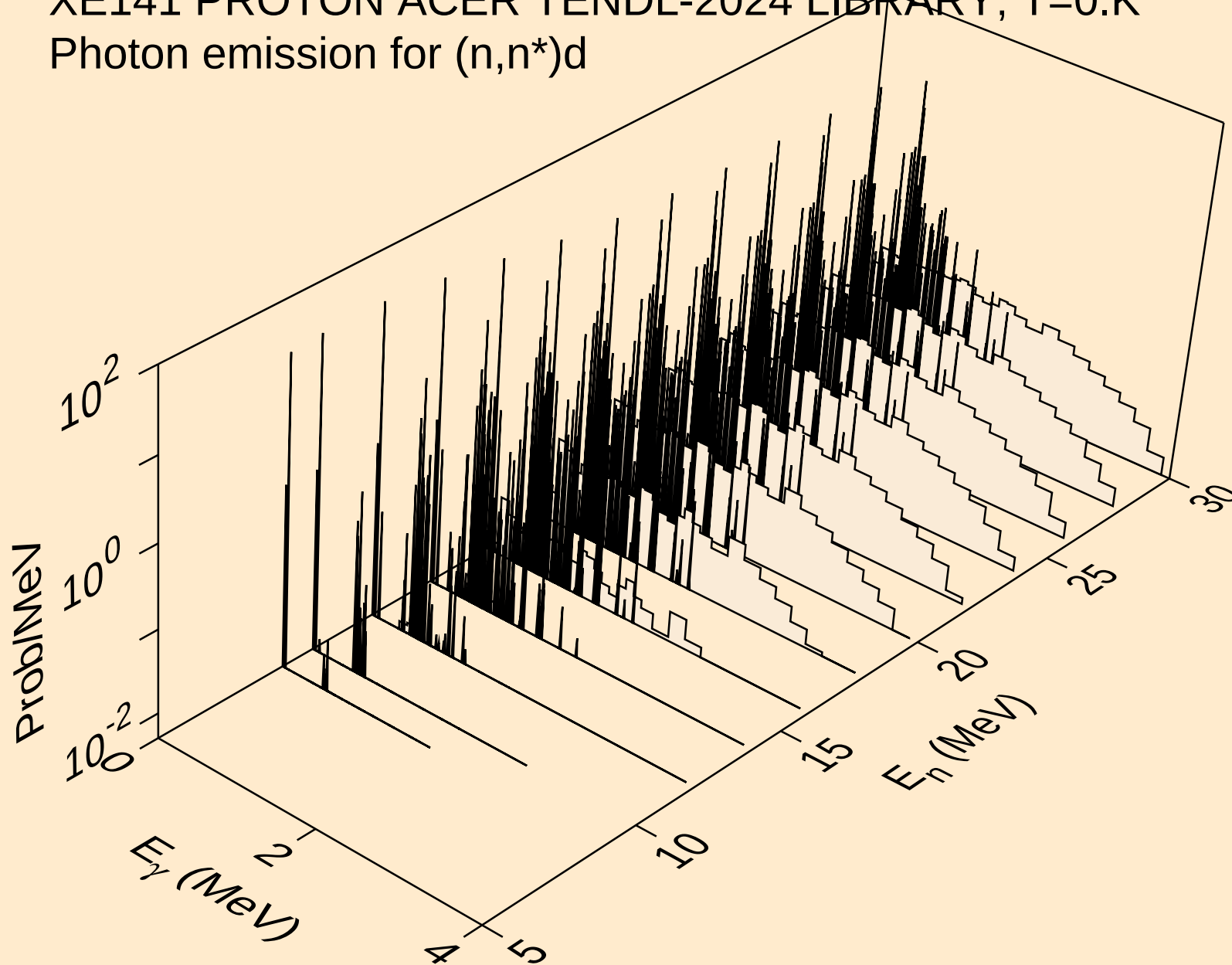
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)2a



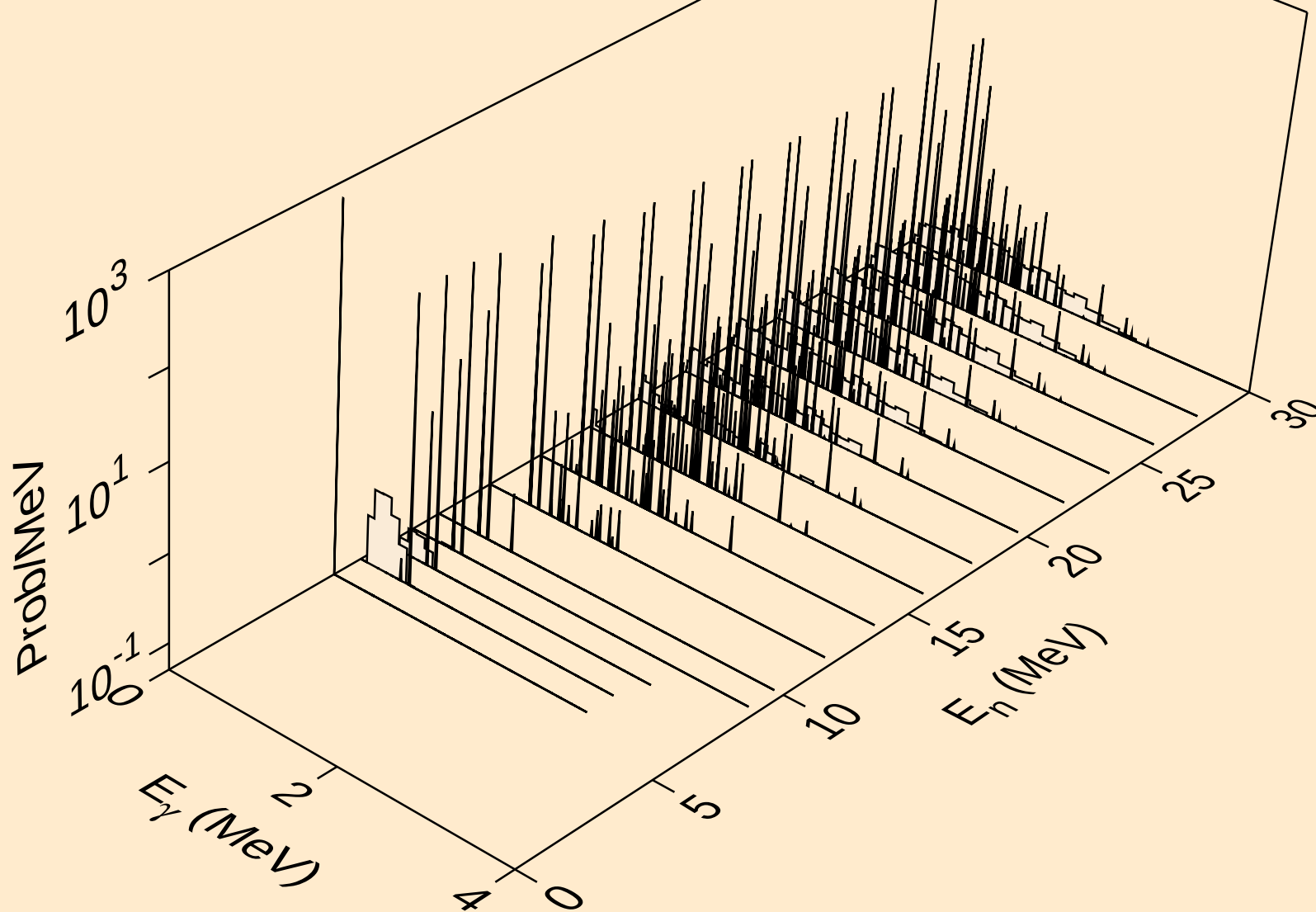
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

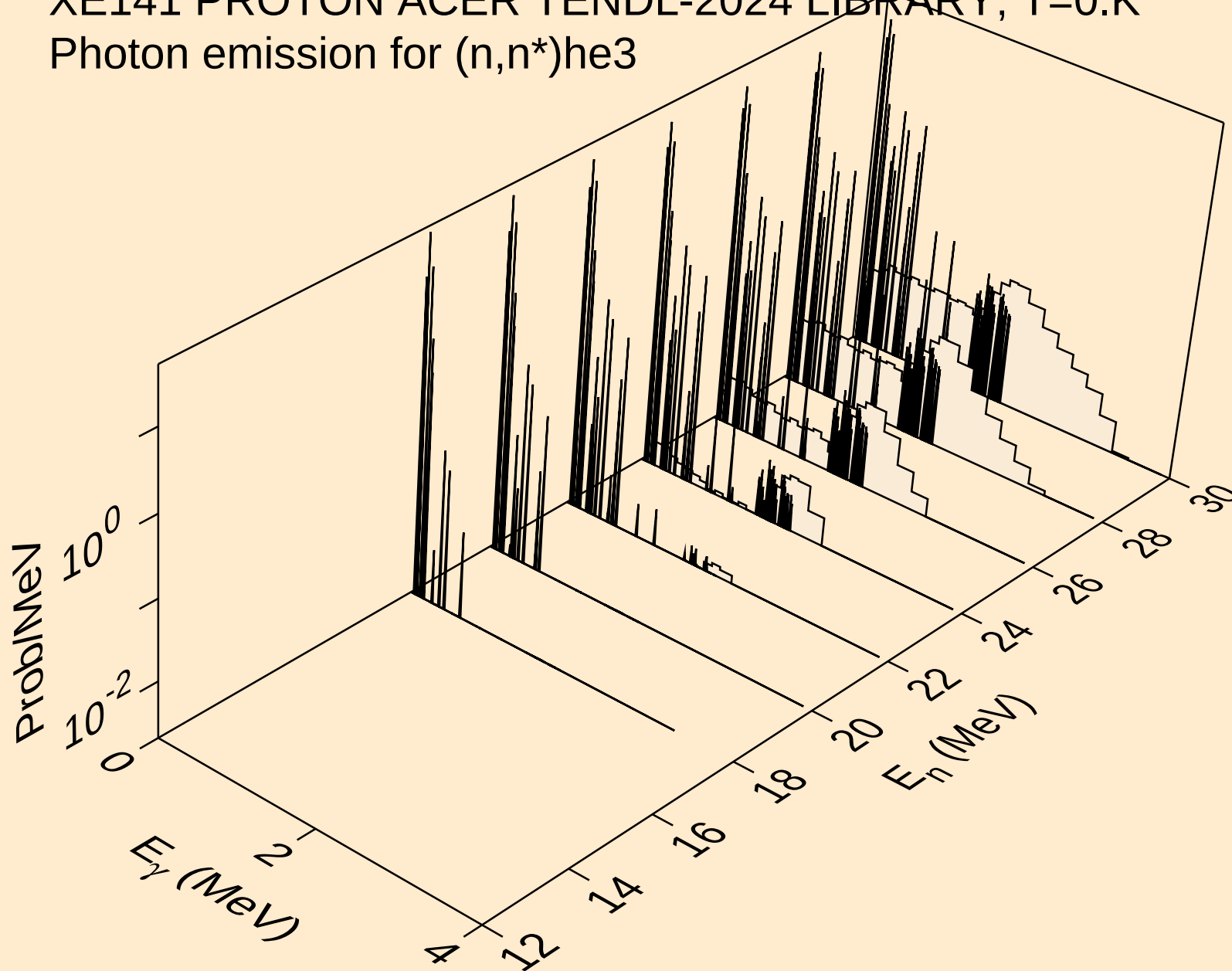


# XE141 PROTON ACER TENDL-2024 LIBRARY; $T=0.K$

Photon emission for  $(n,n^*)t$

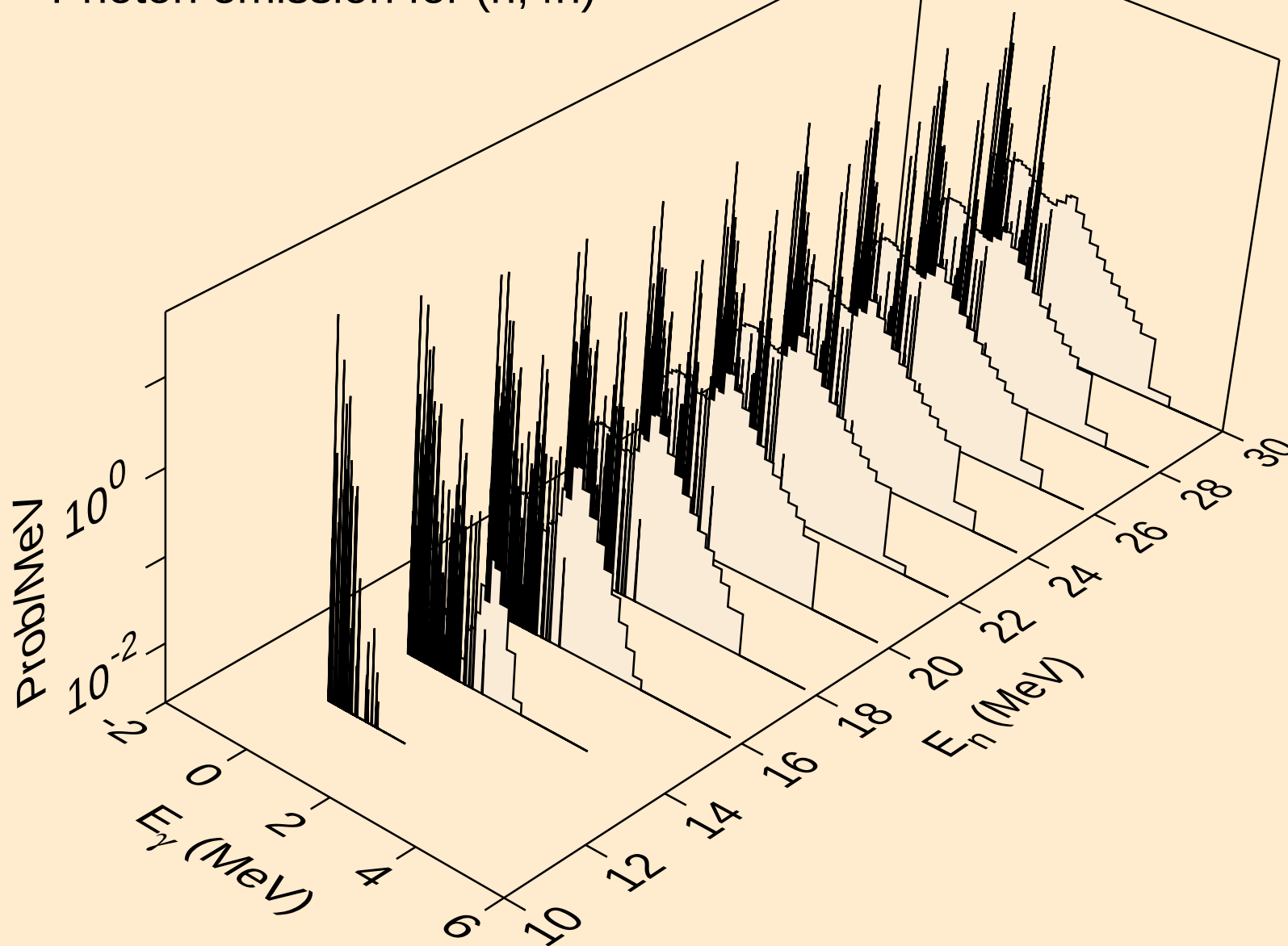


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

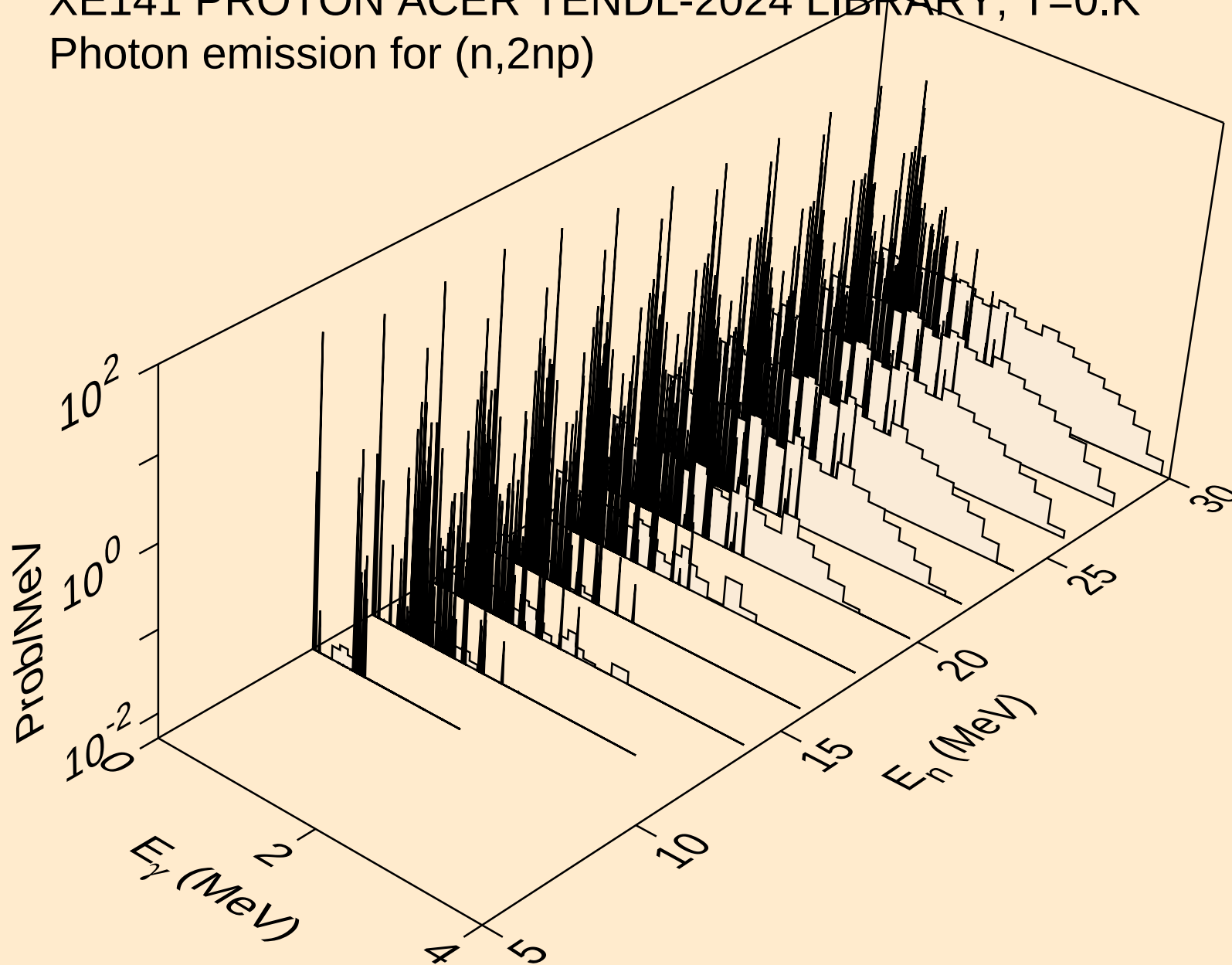




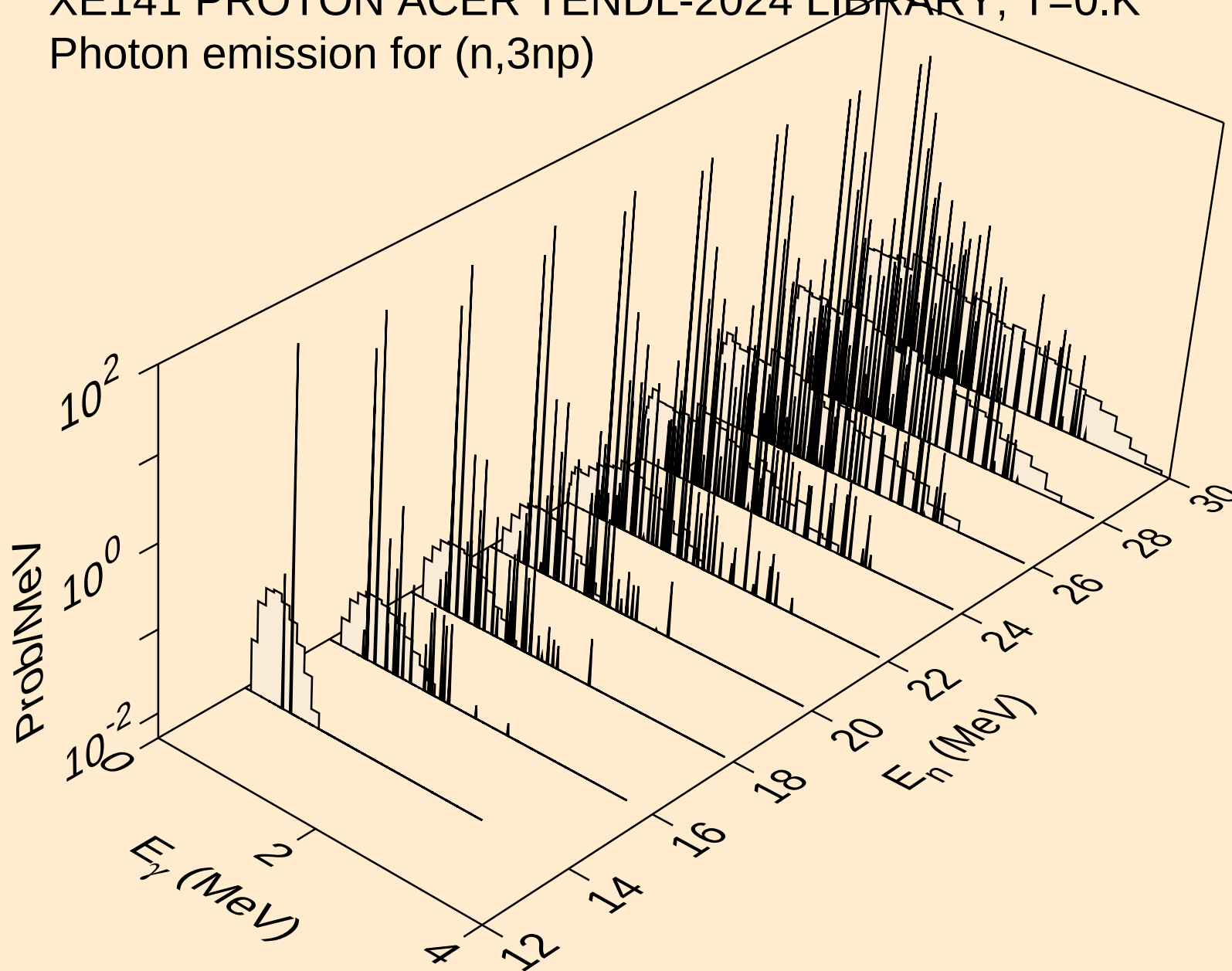
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,4n)



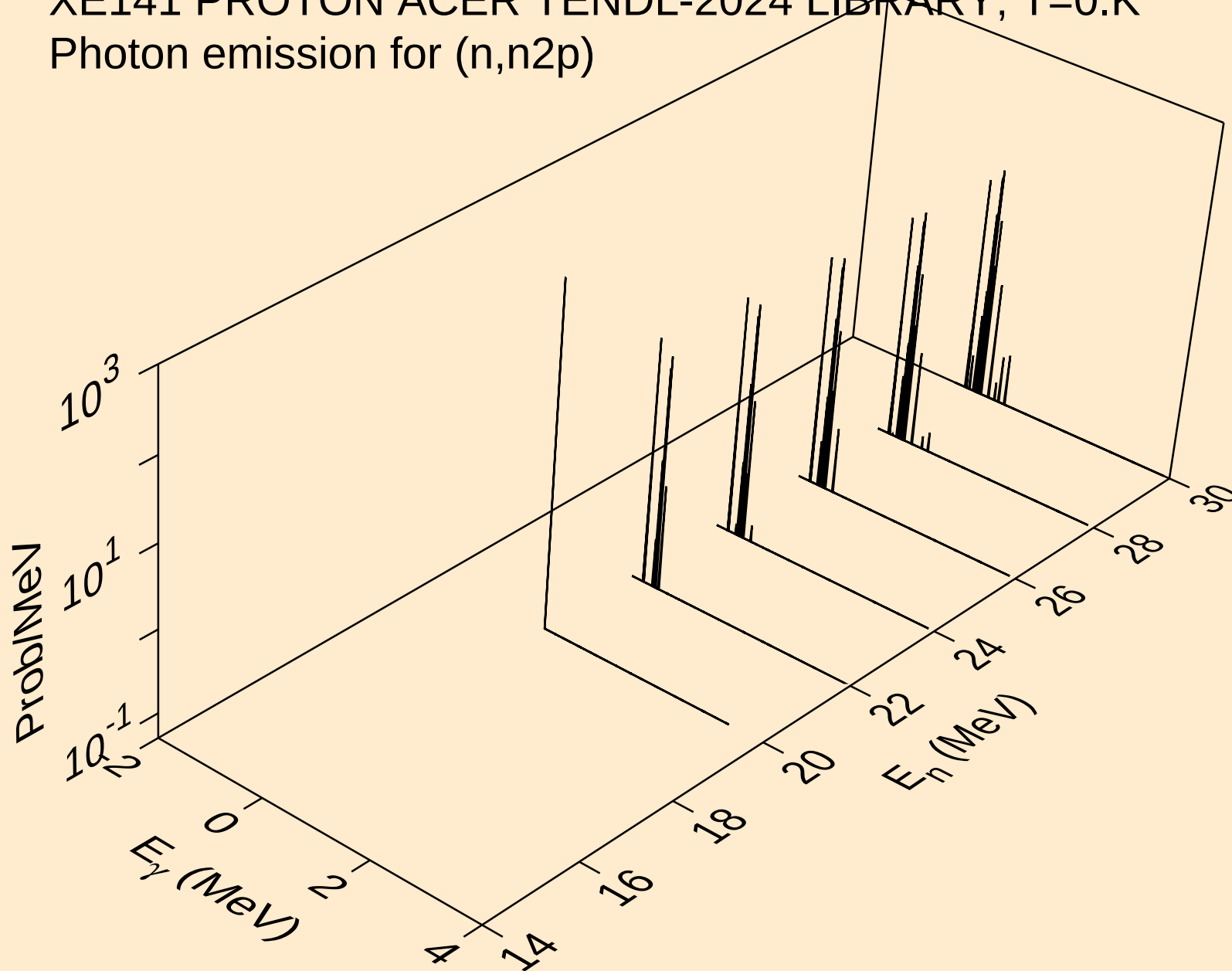
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)



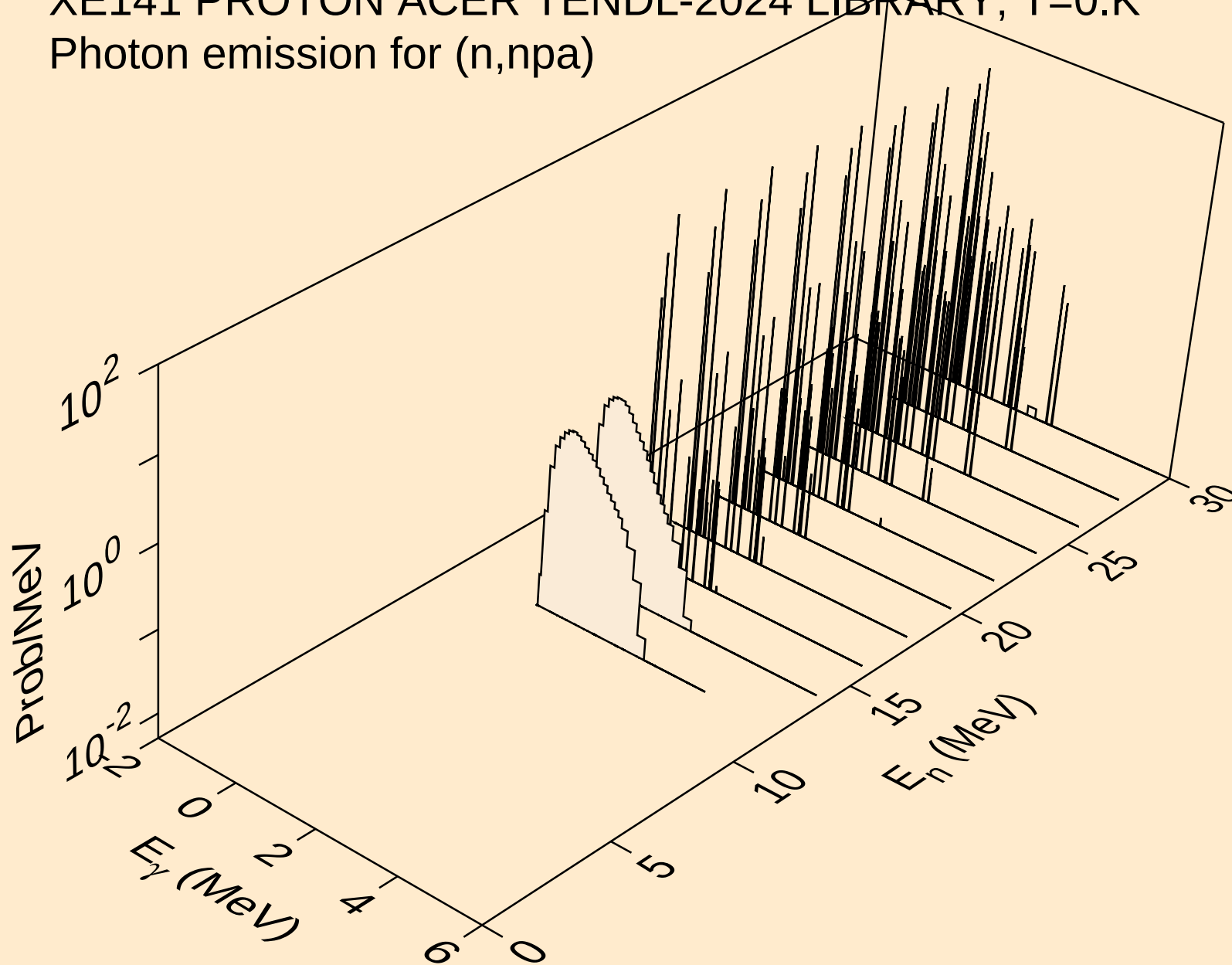
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3np)



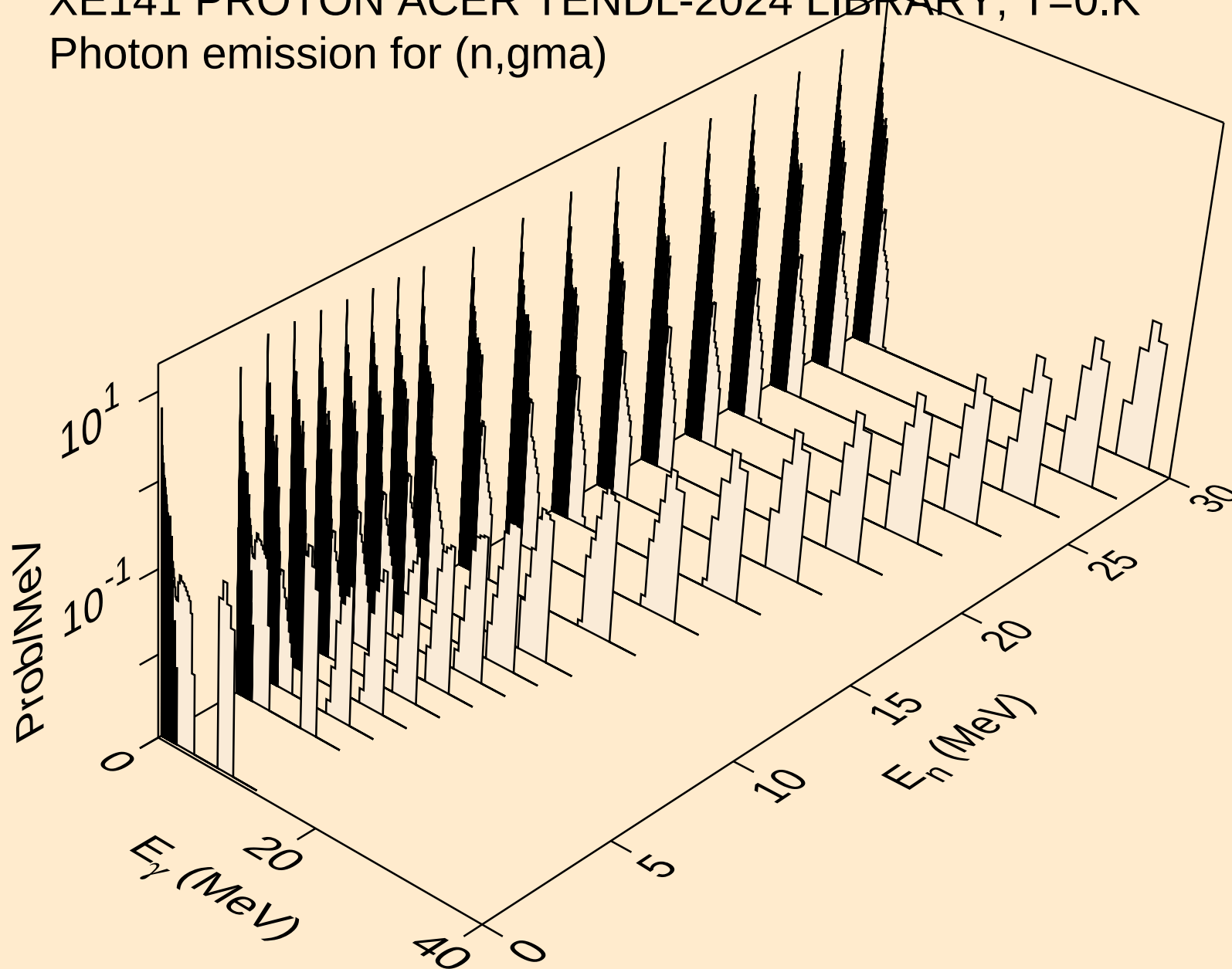
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



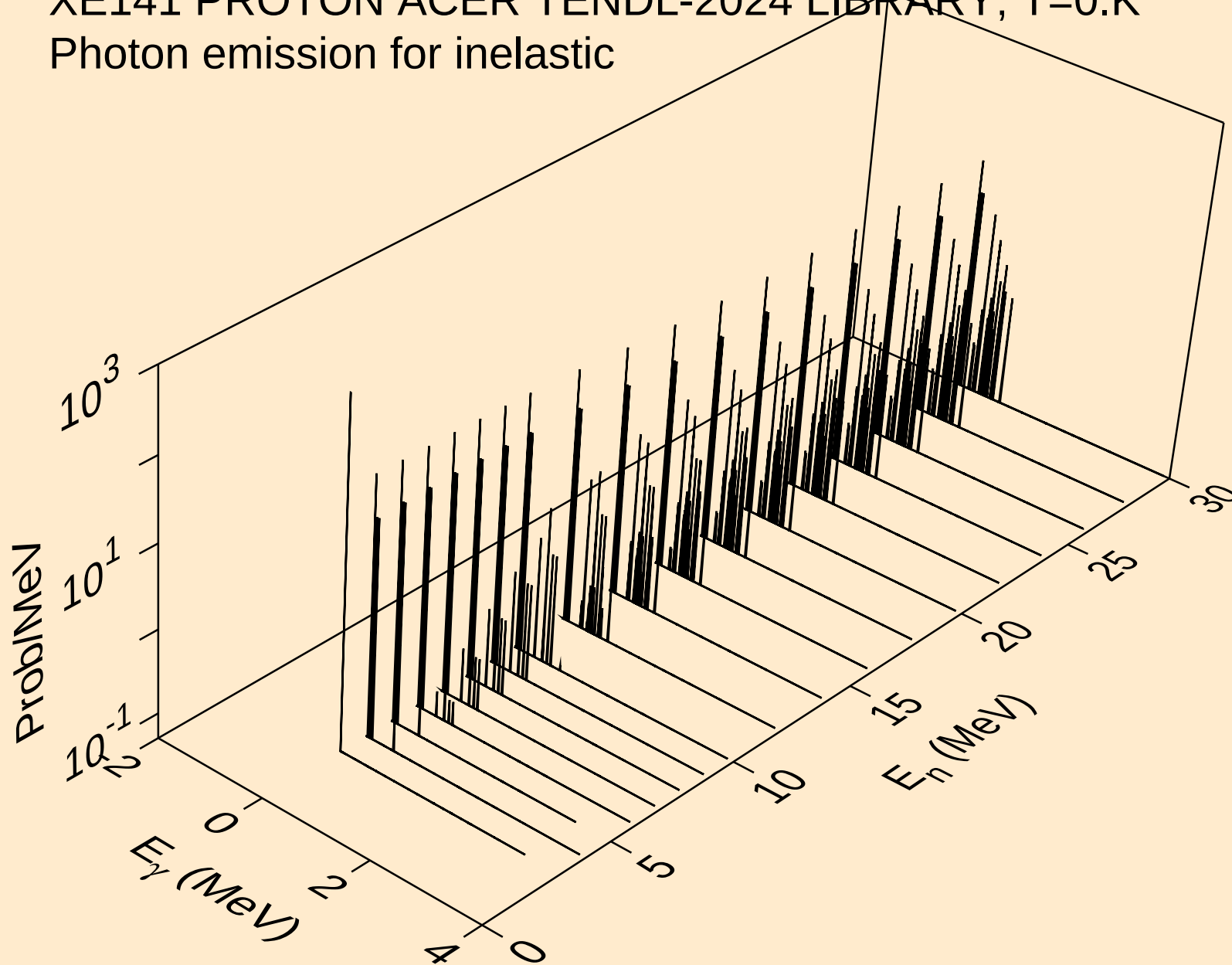
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,npa)



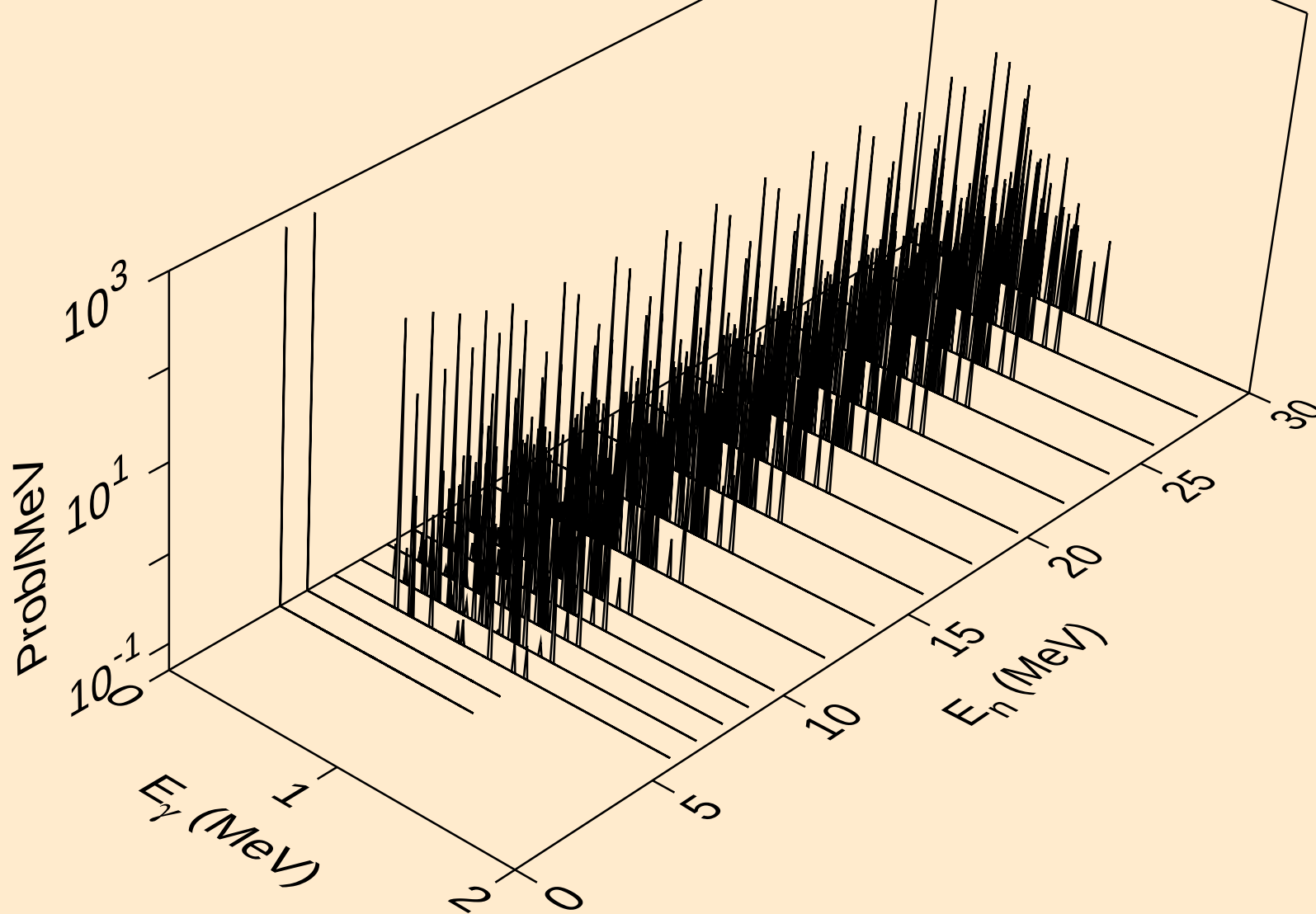
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,gma)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

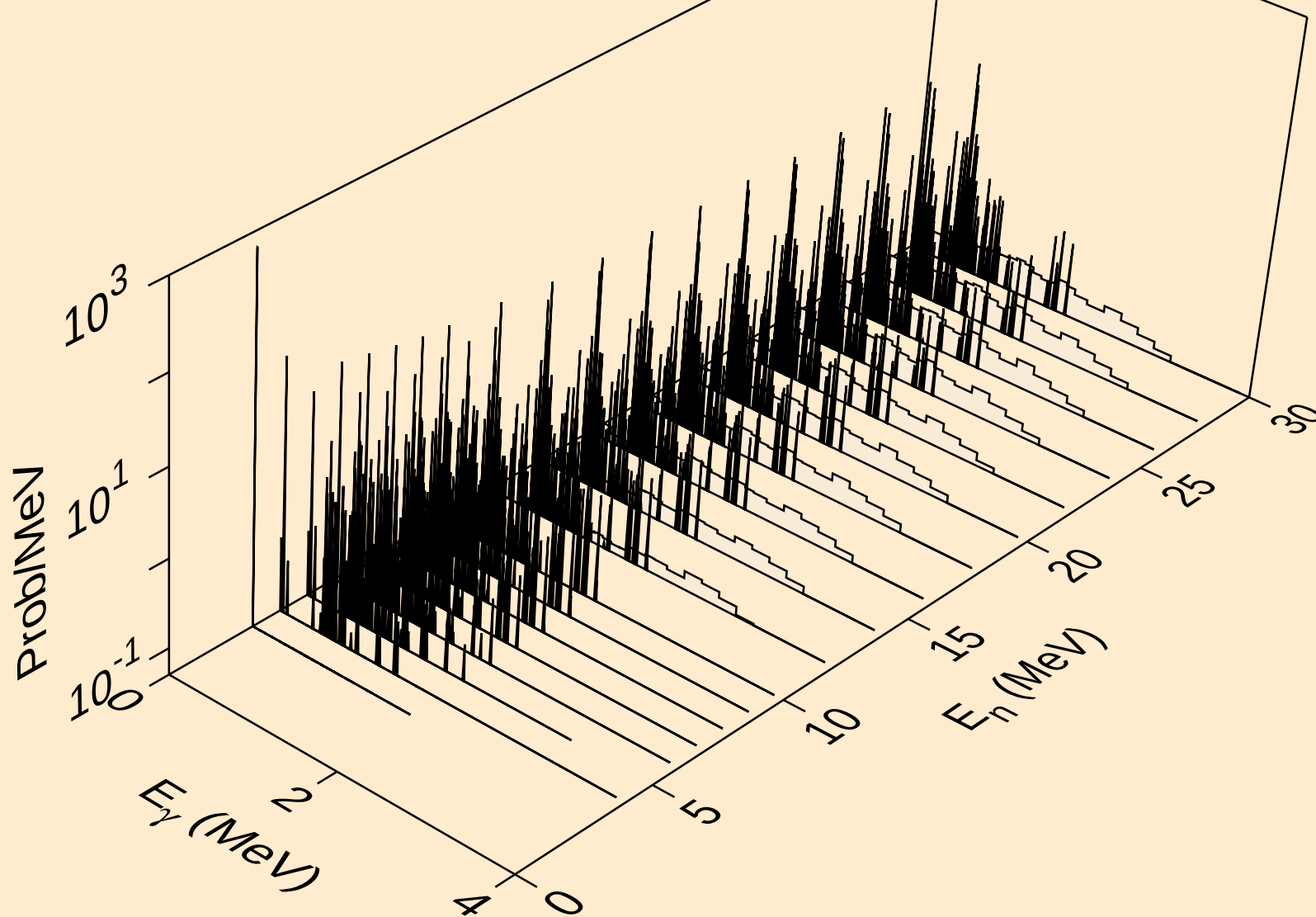


XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,d)

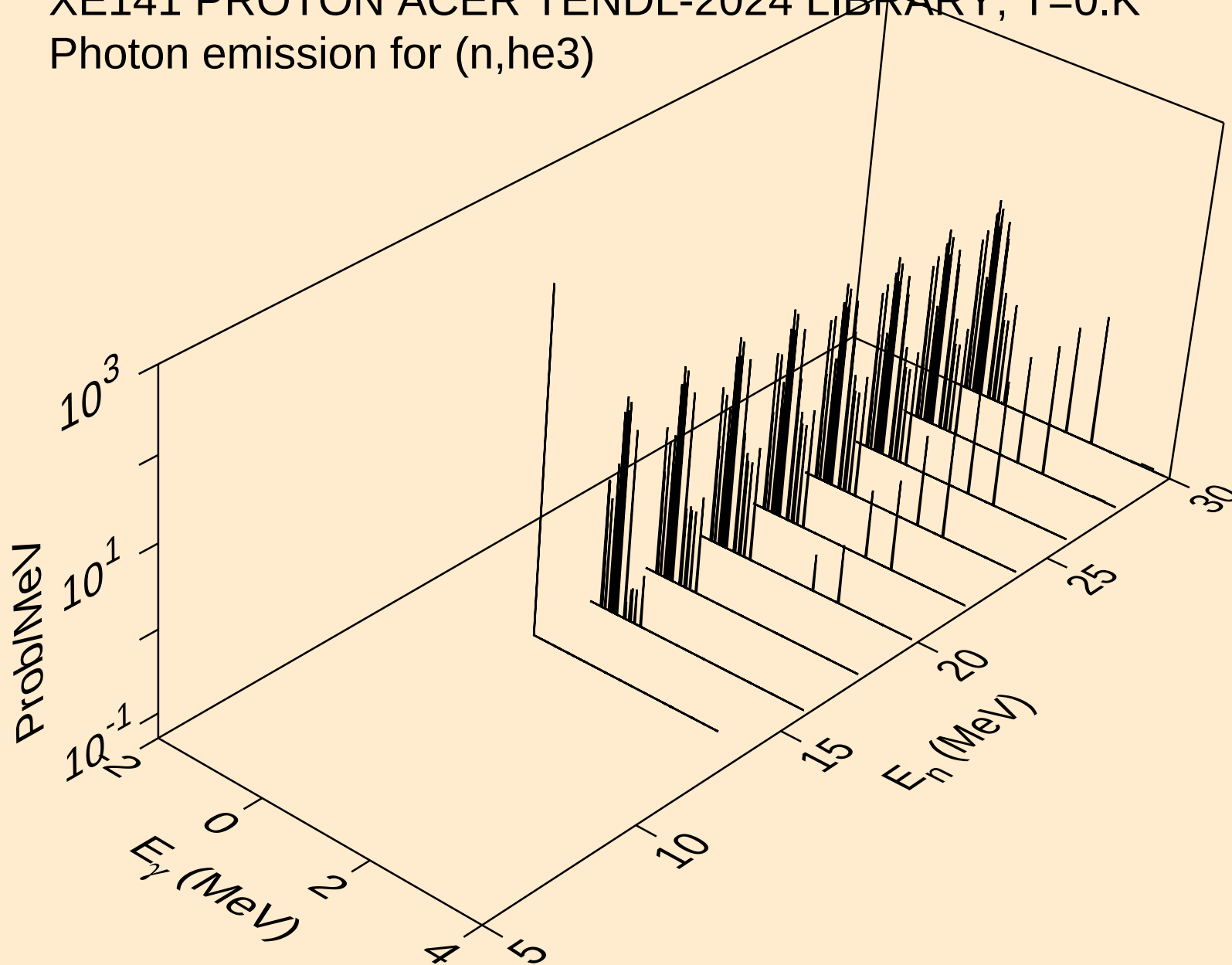




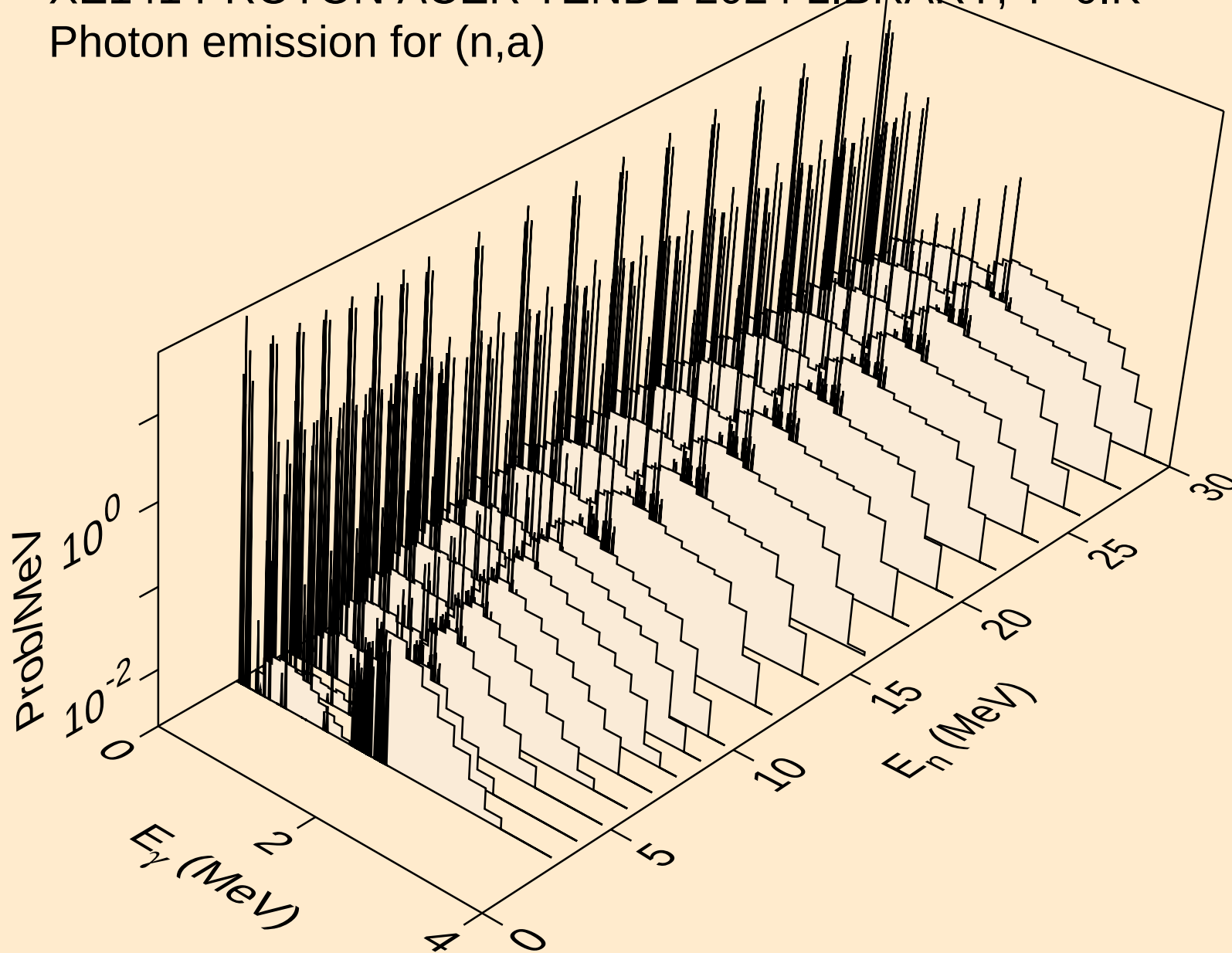
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,t)



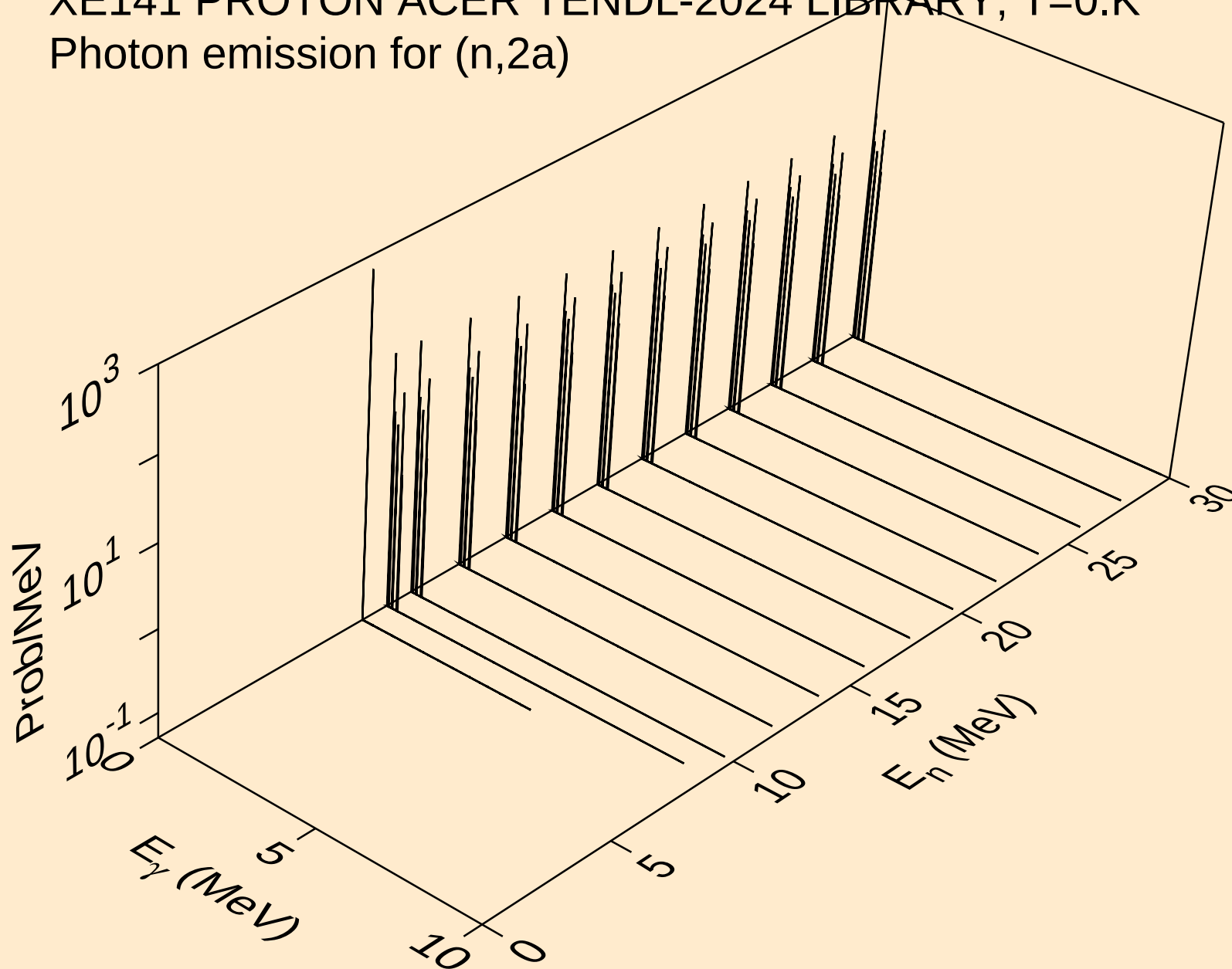
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,he3)



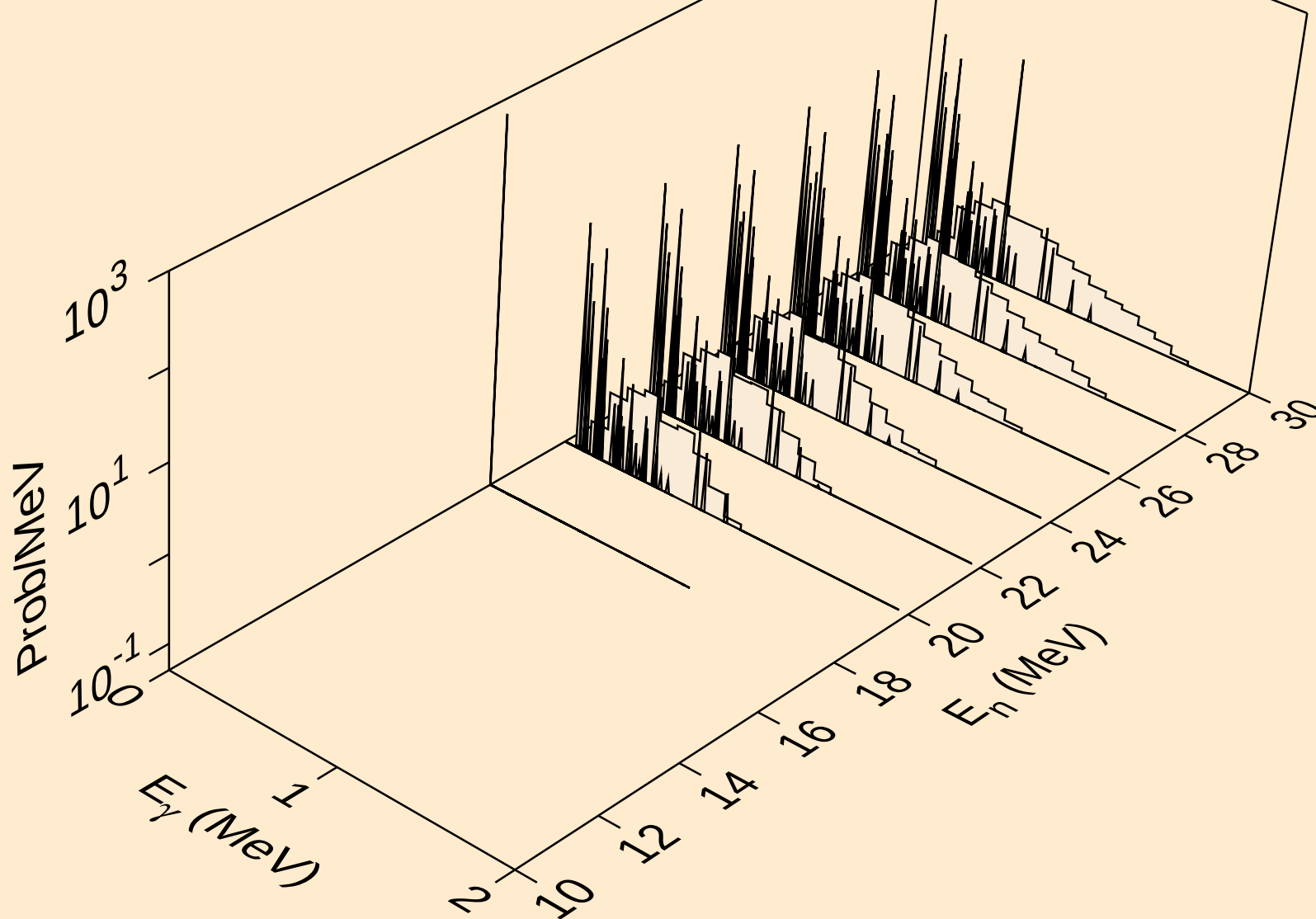
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,a)



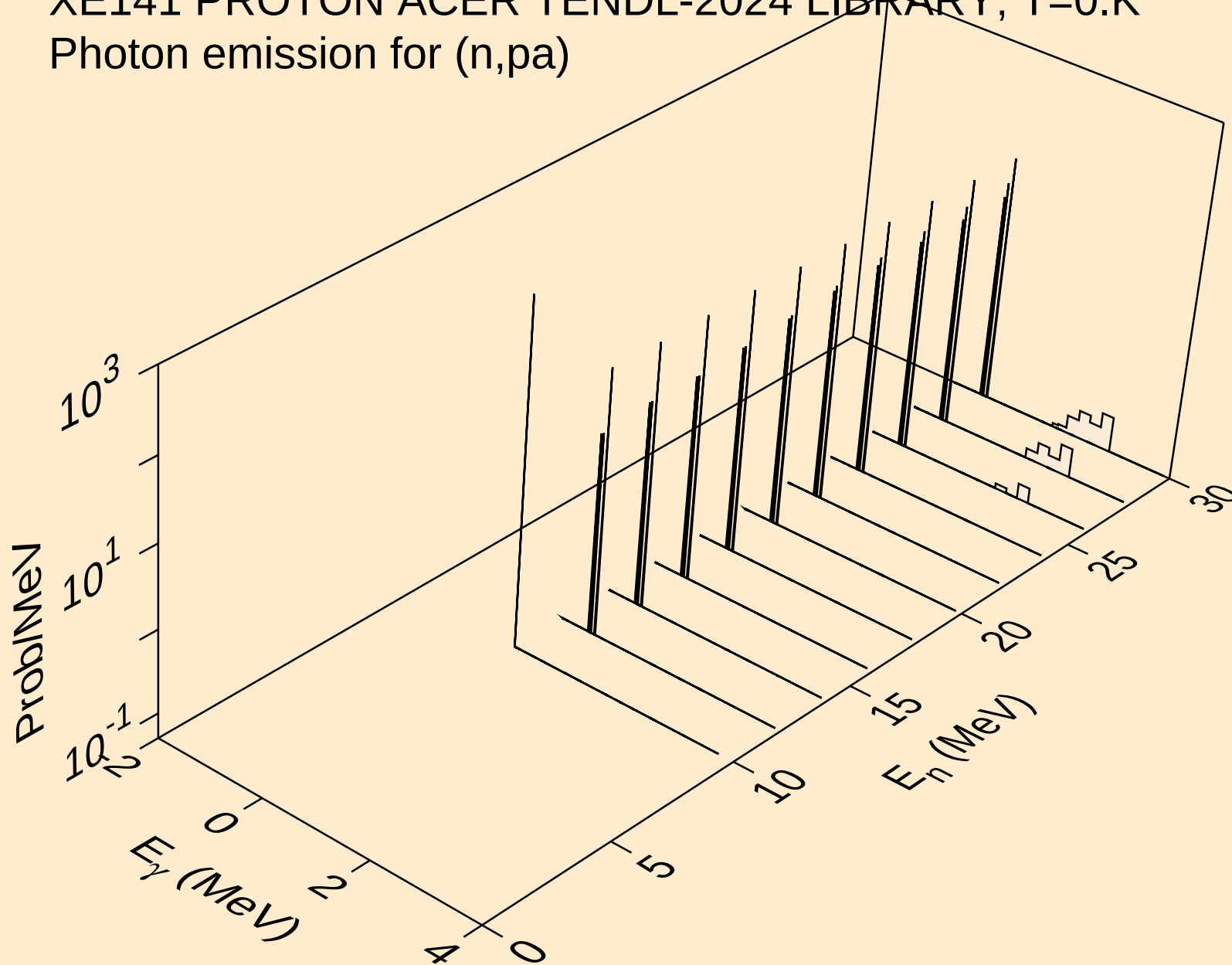
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



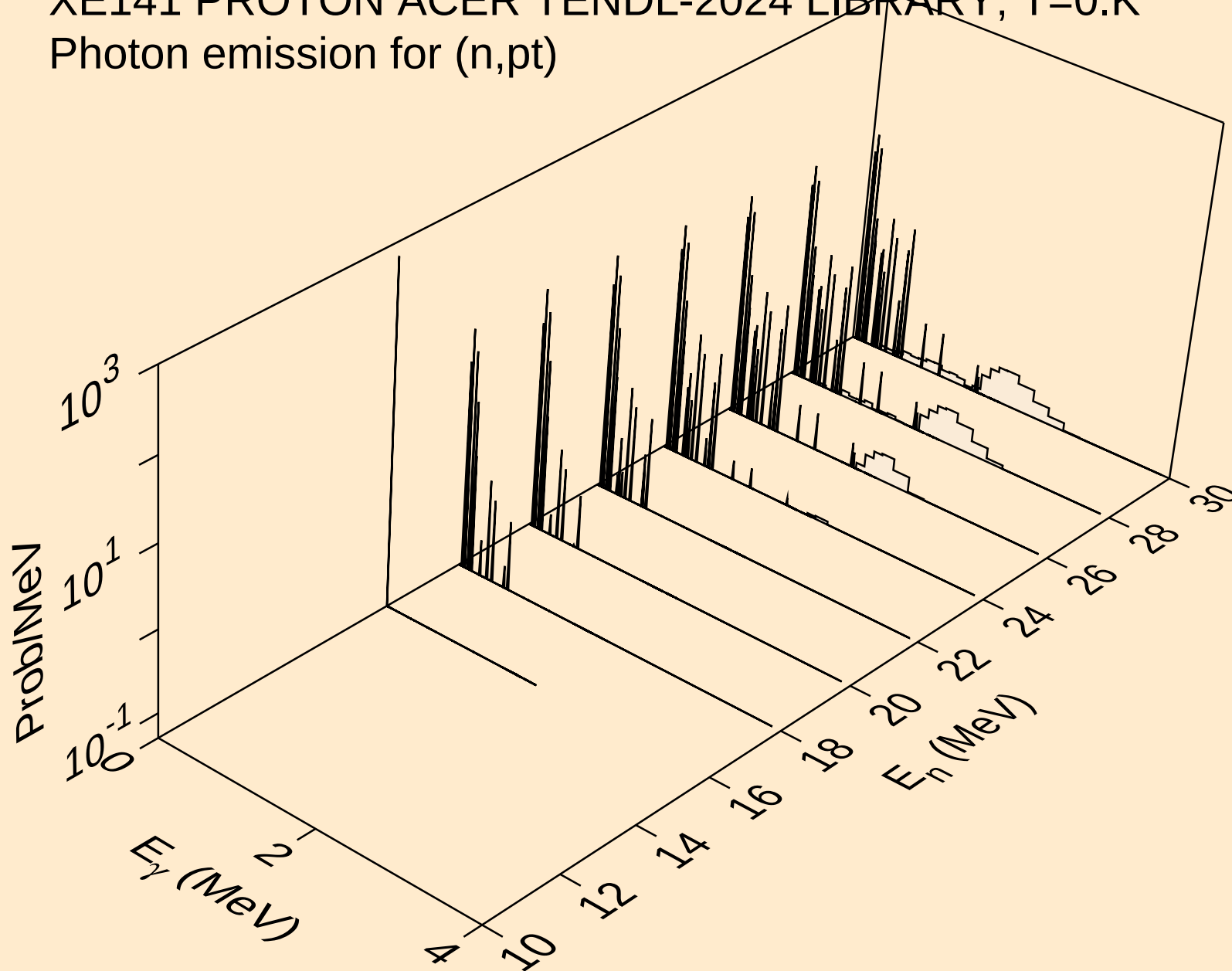
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



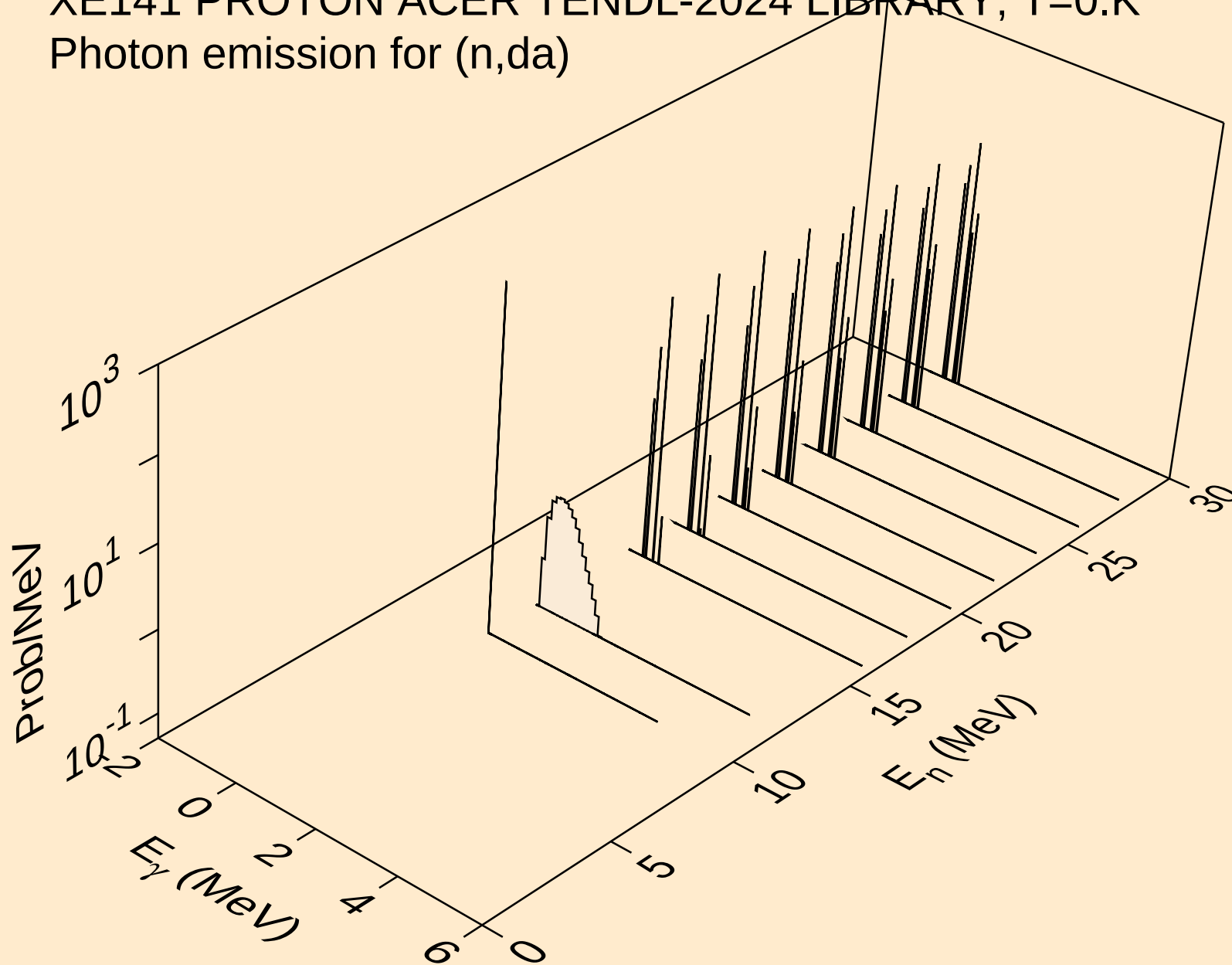
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



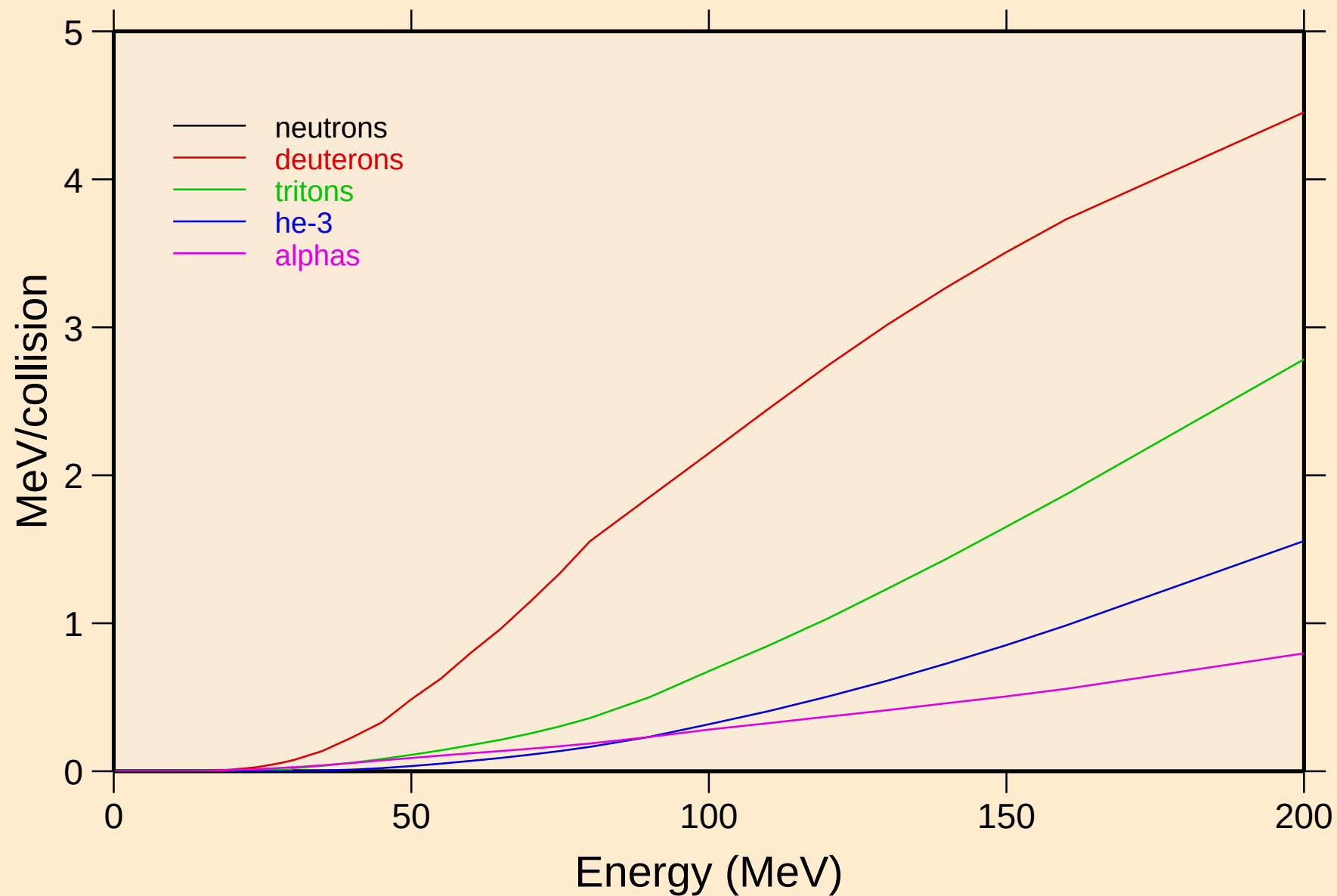
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)





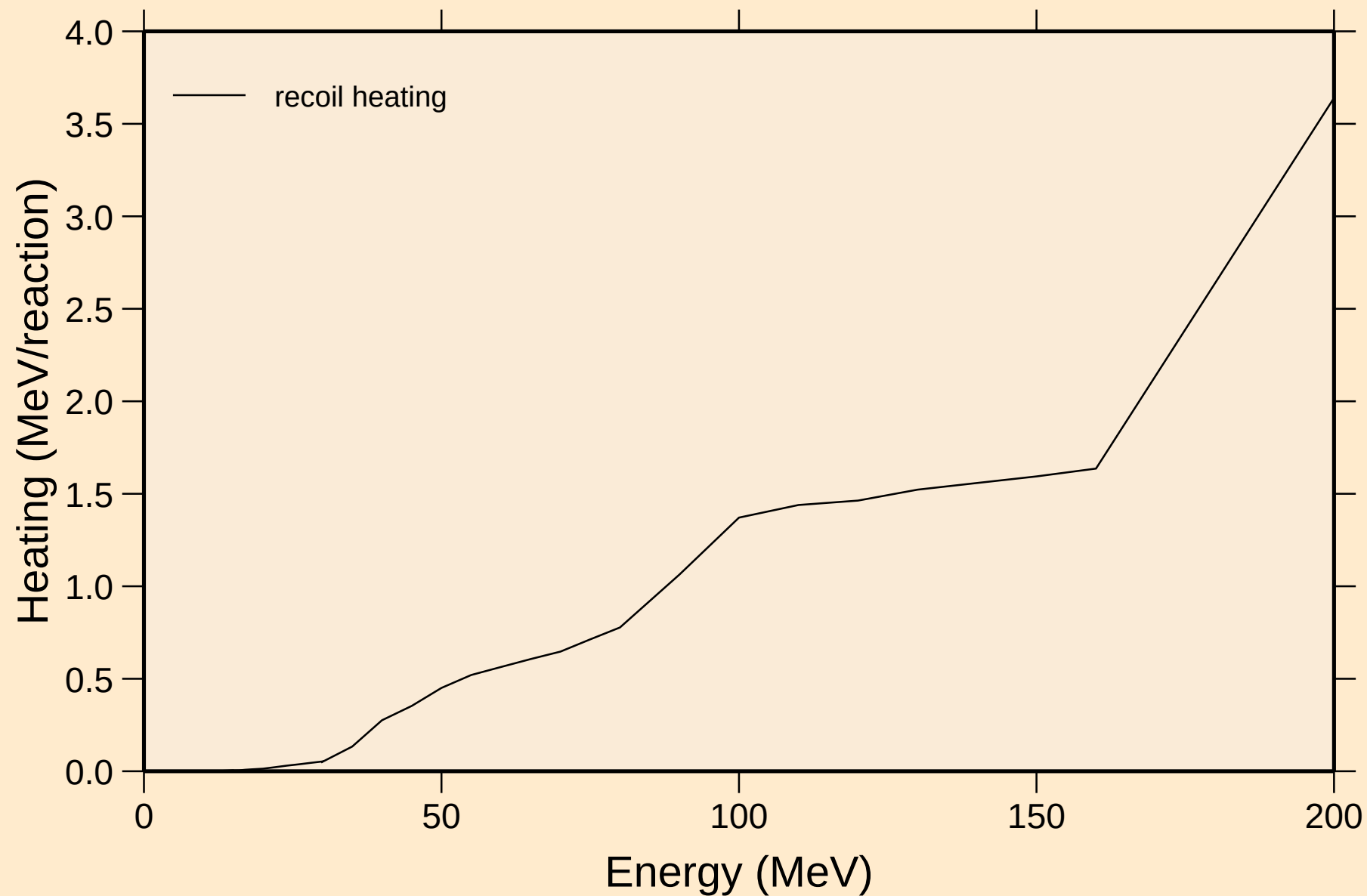
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



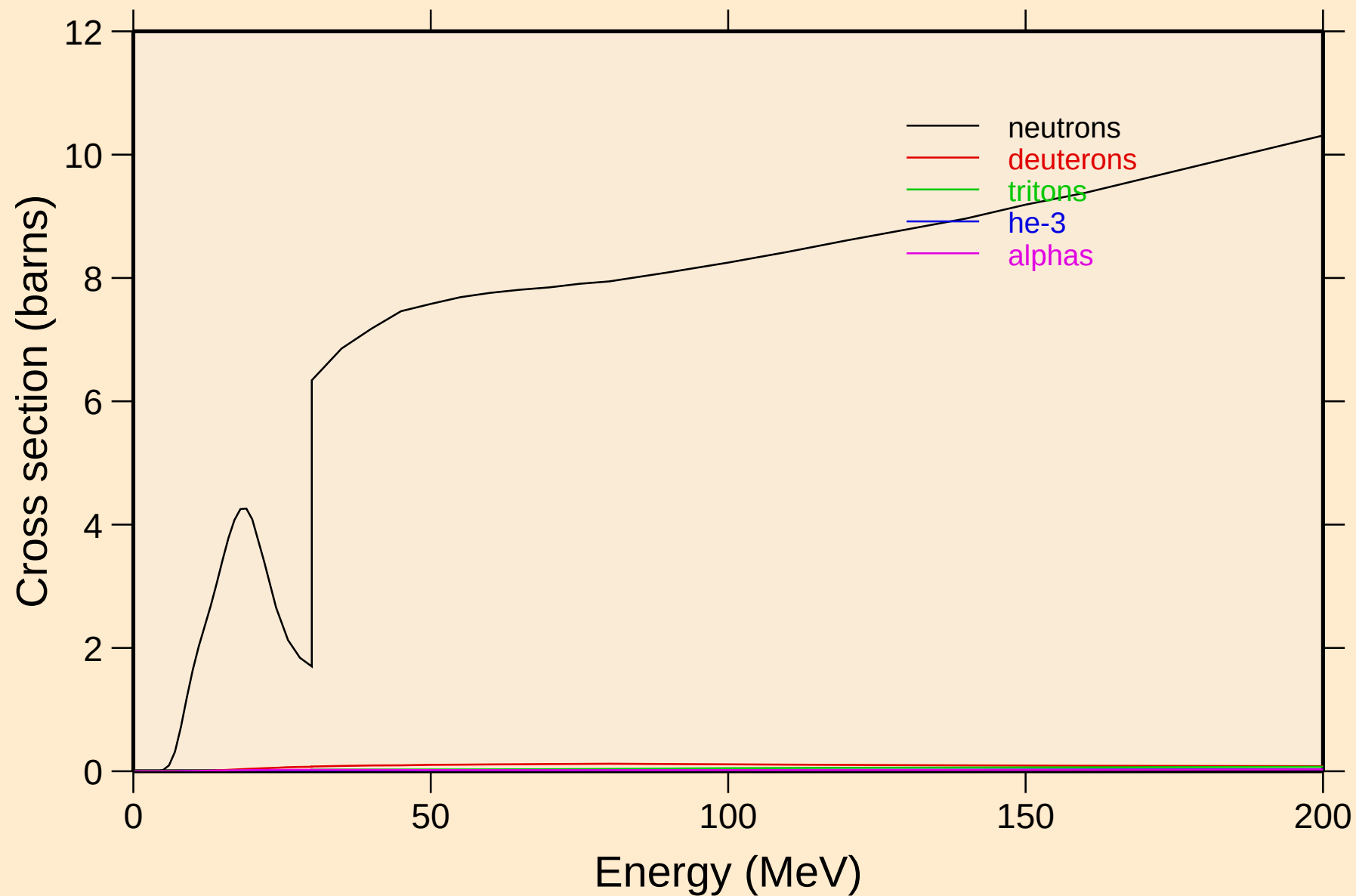
# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

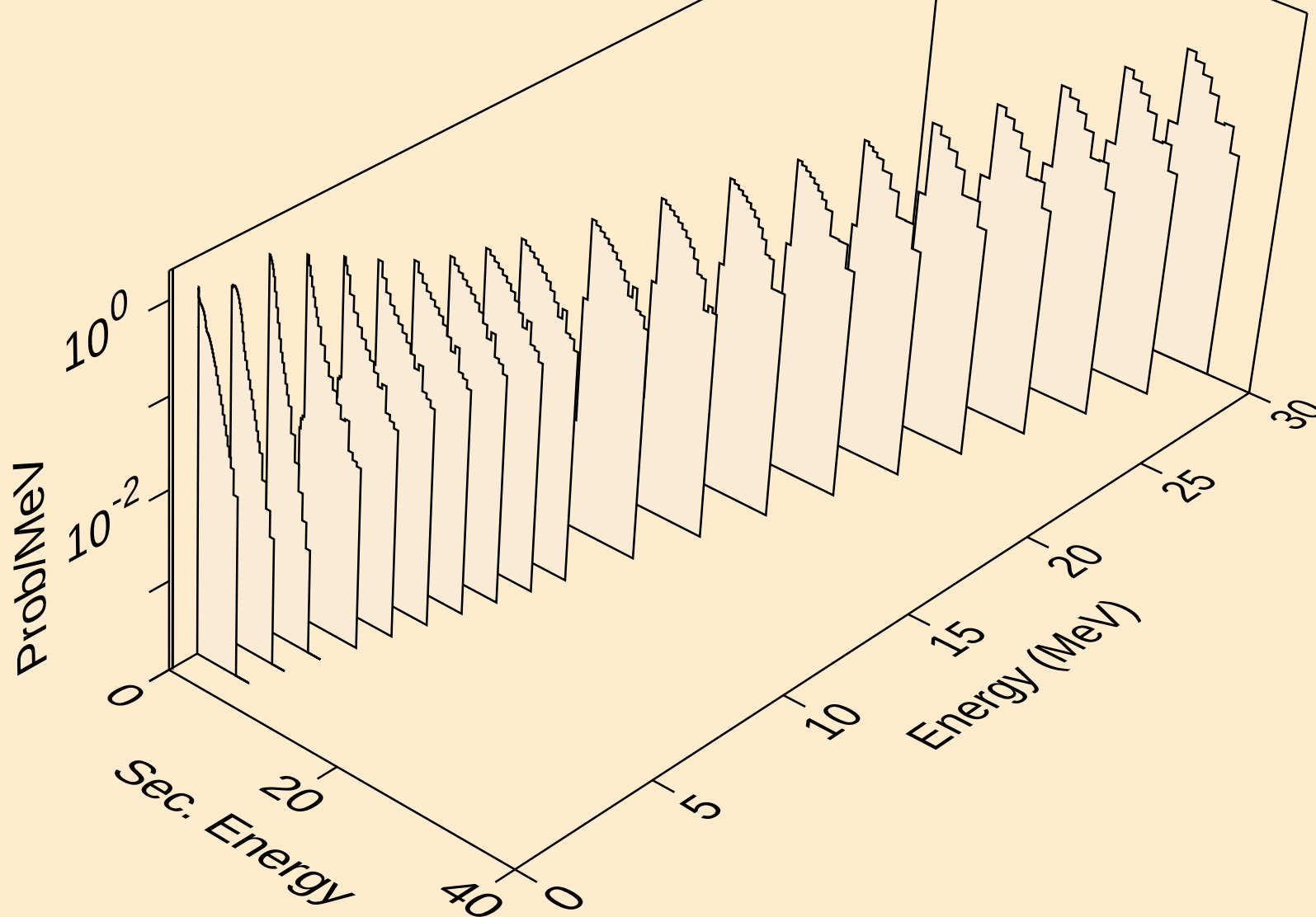


# XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K

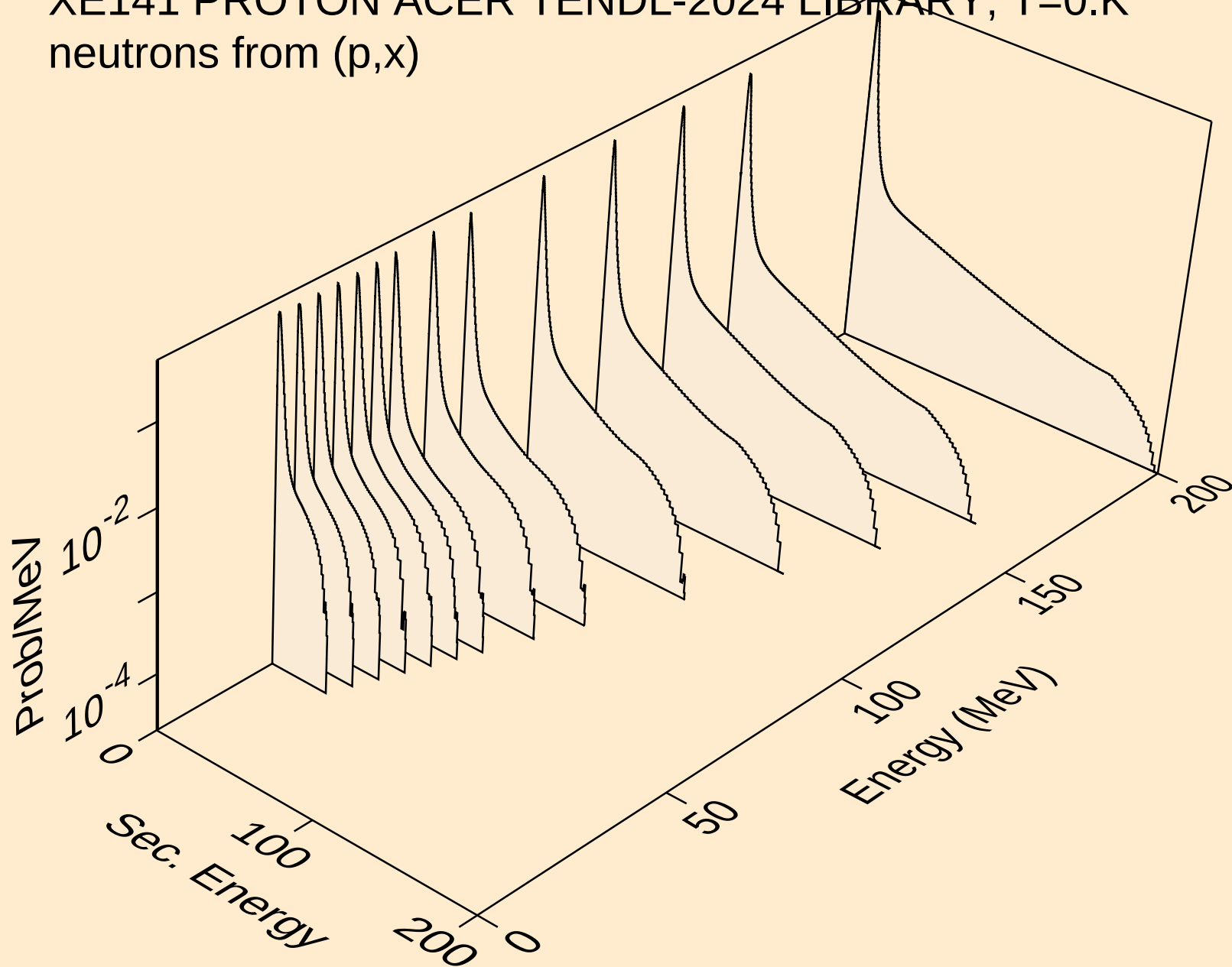
## Particle production cross sections



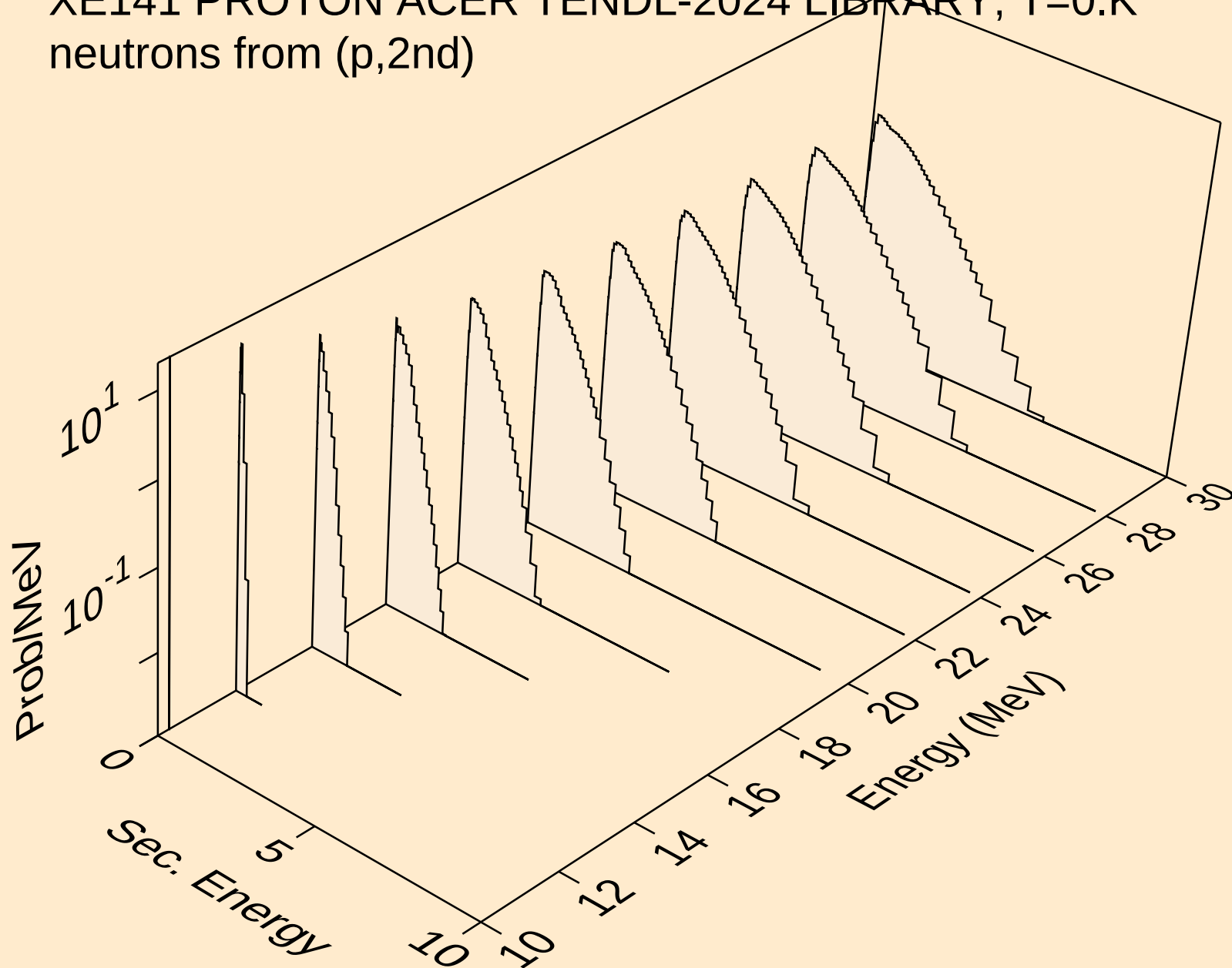
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



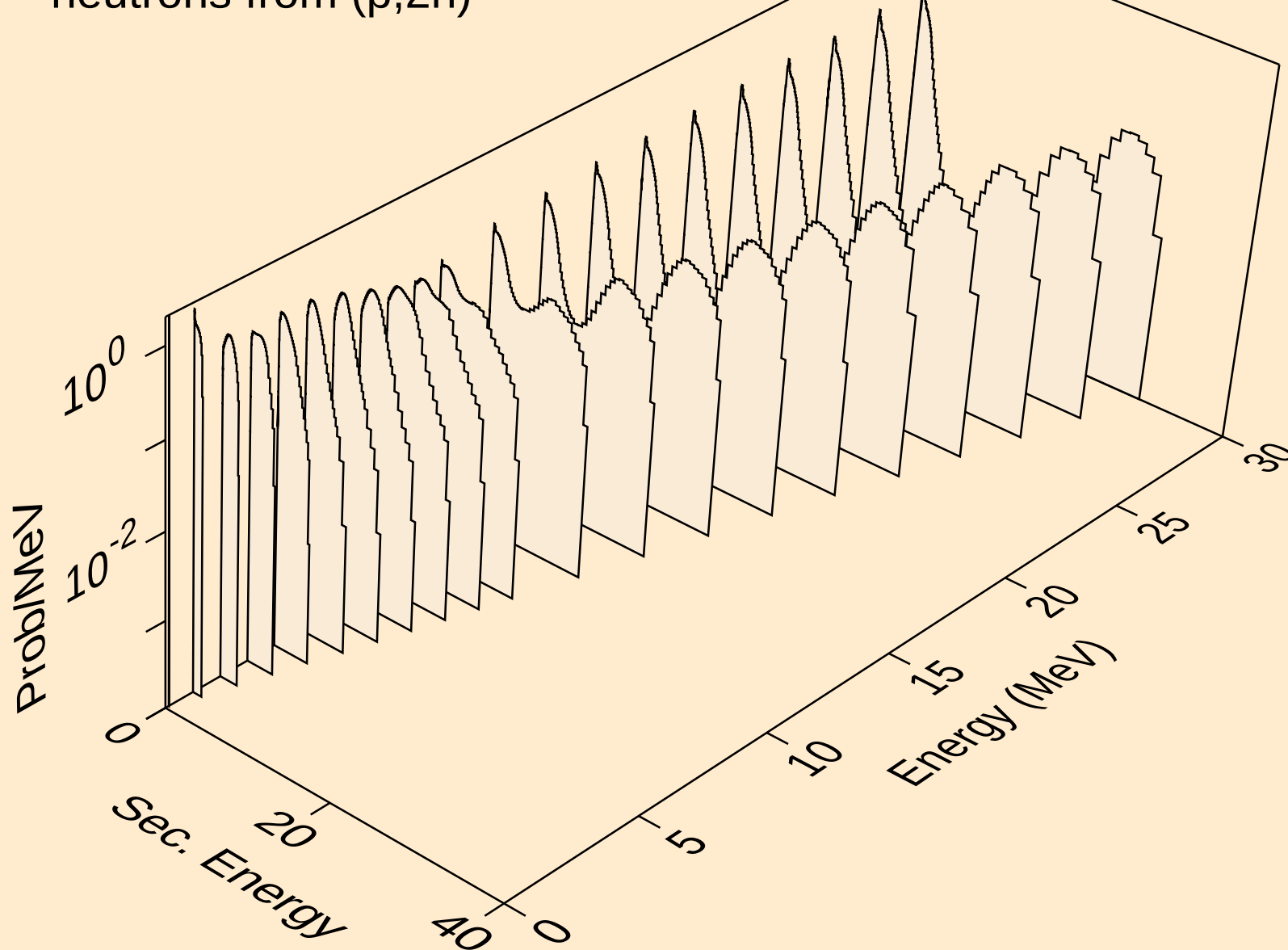
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



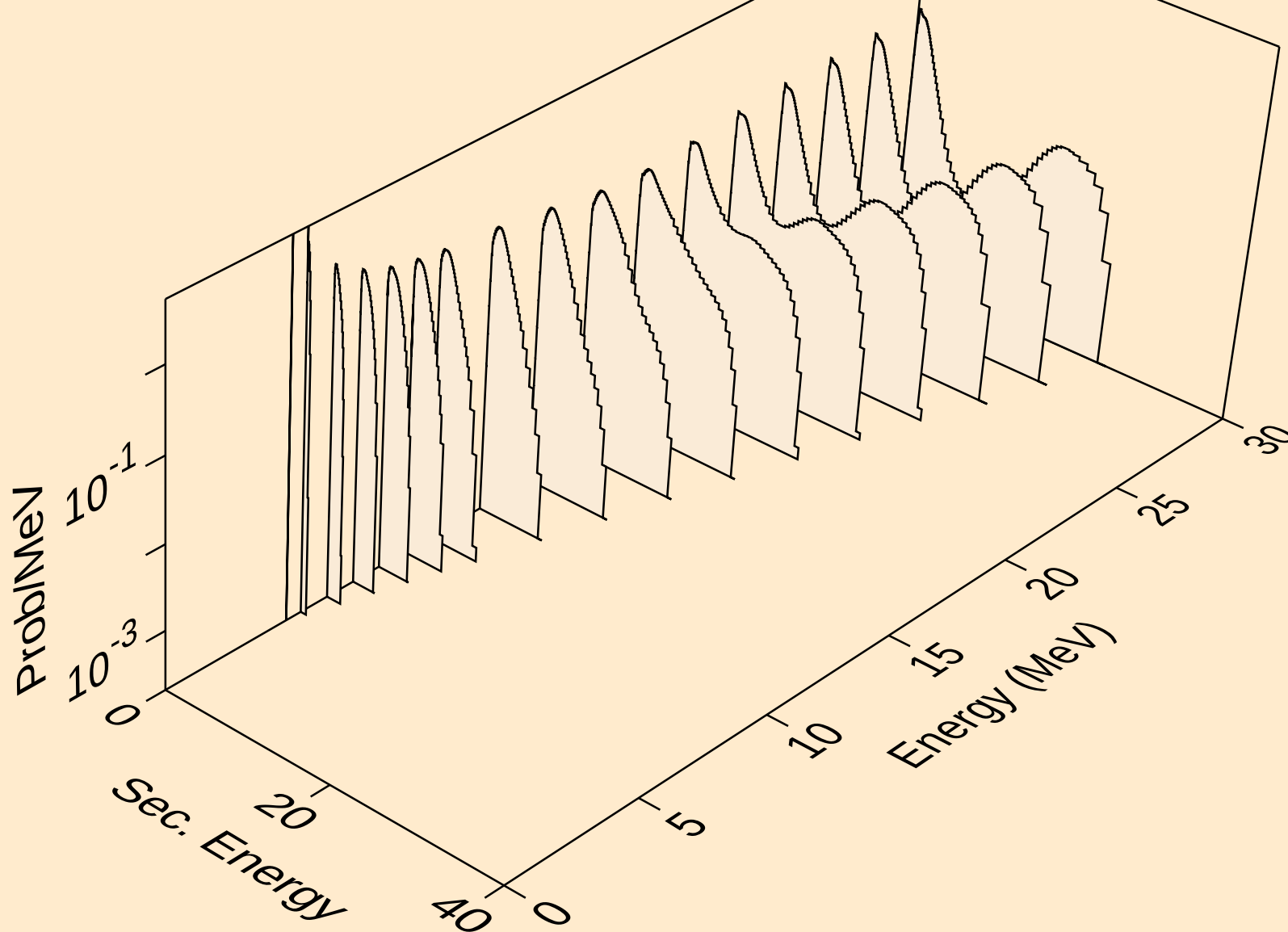
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)

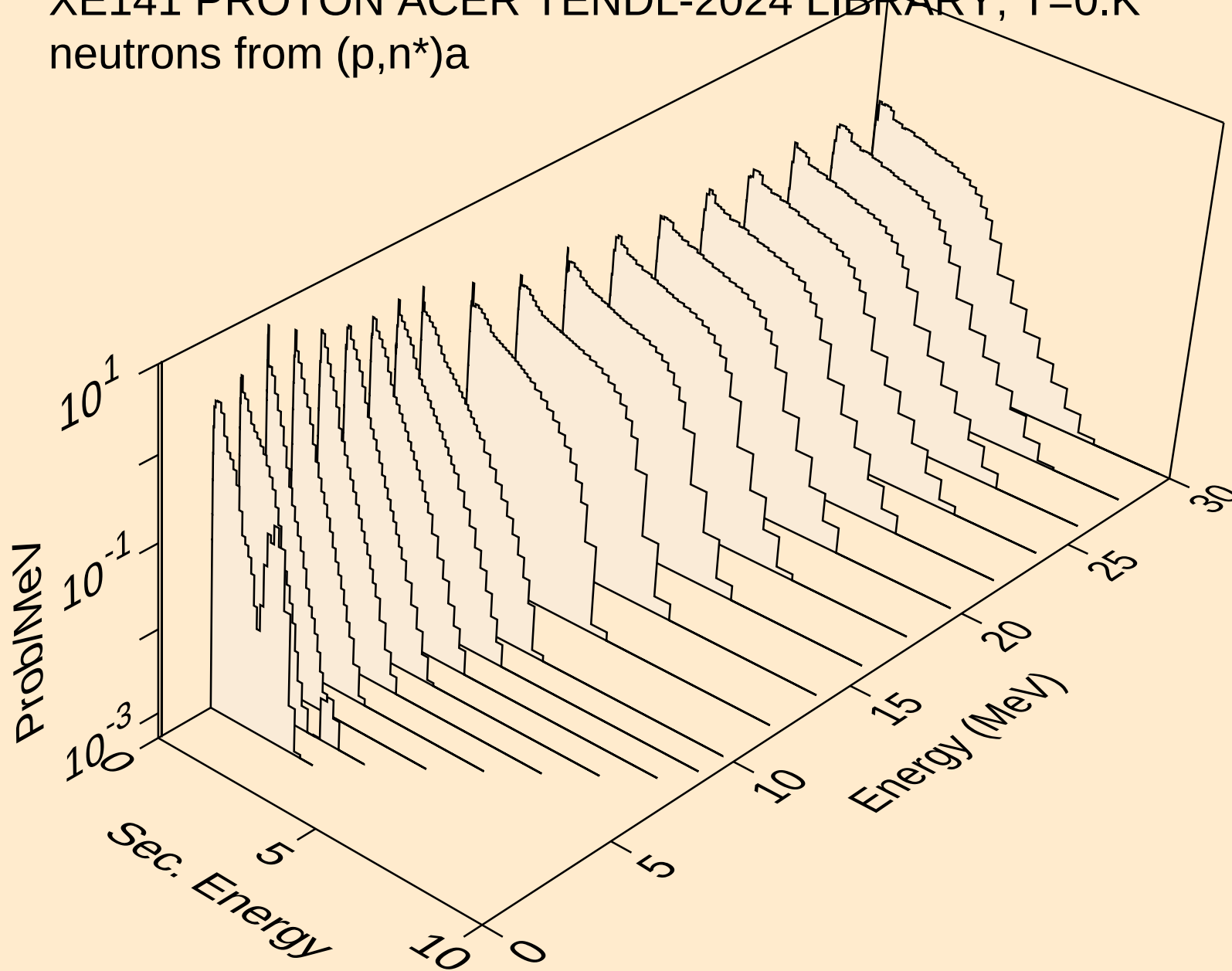


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)

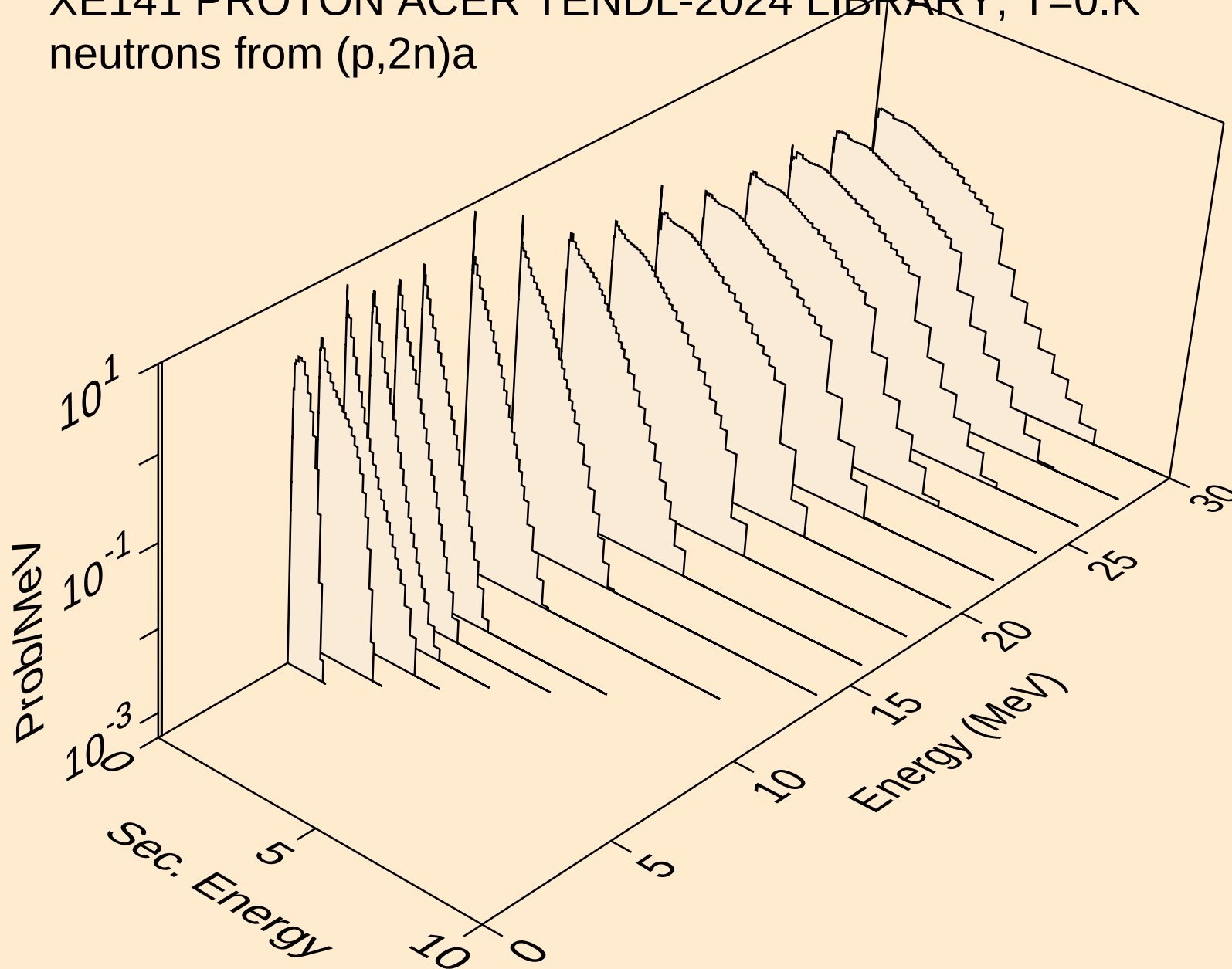




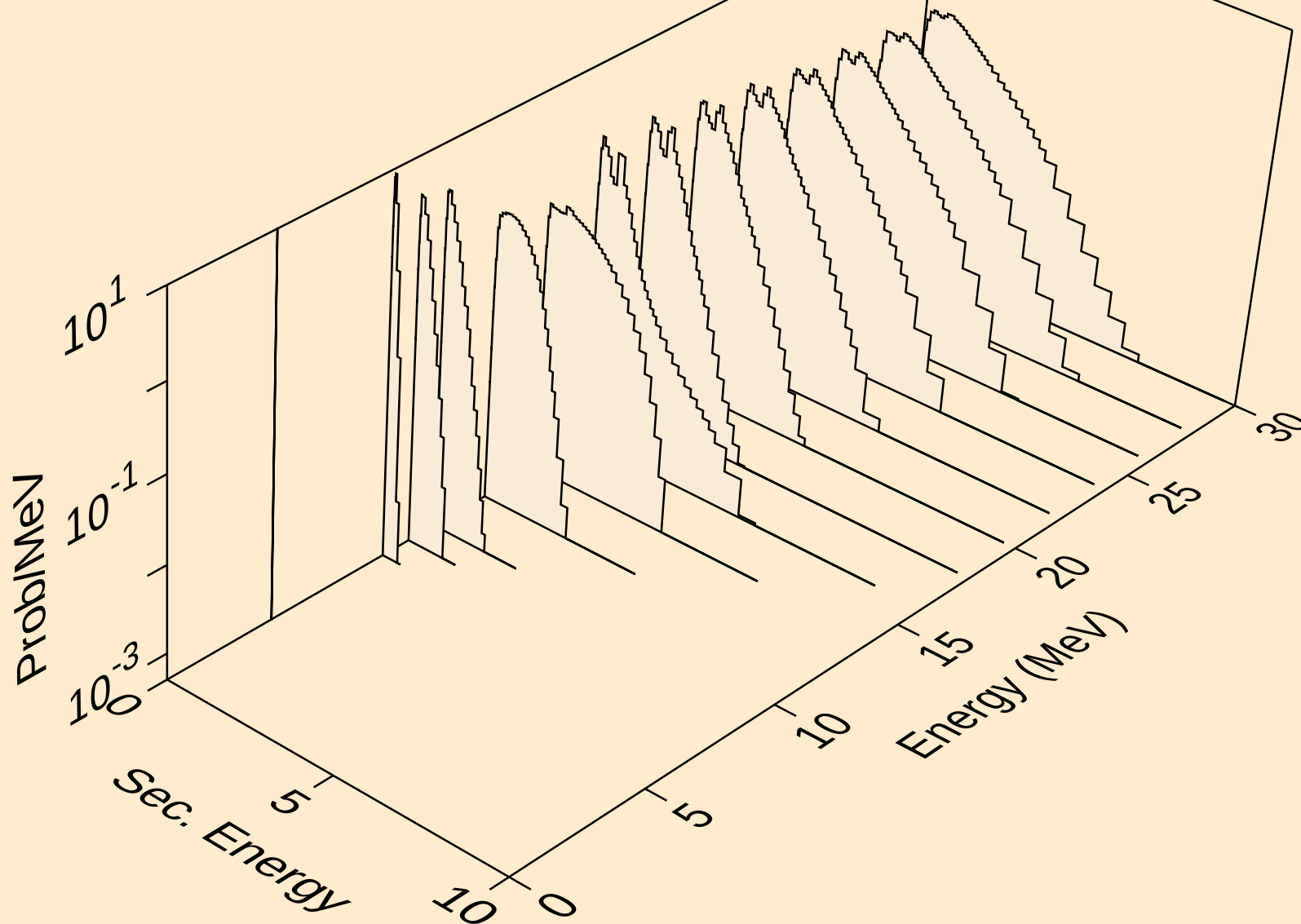
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



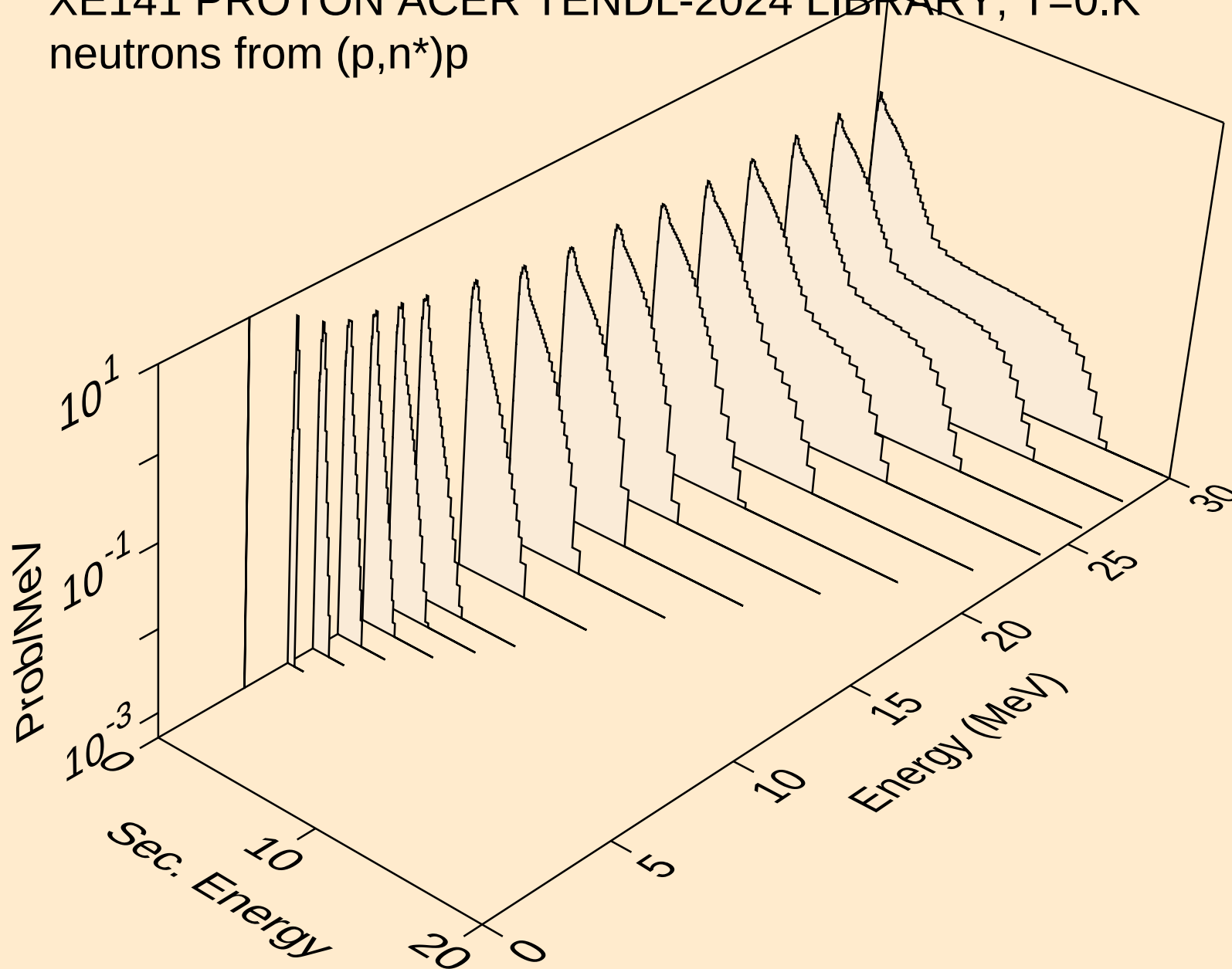
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



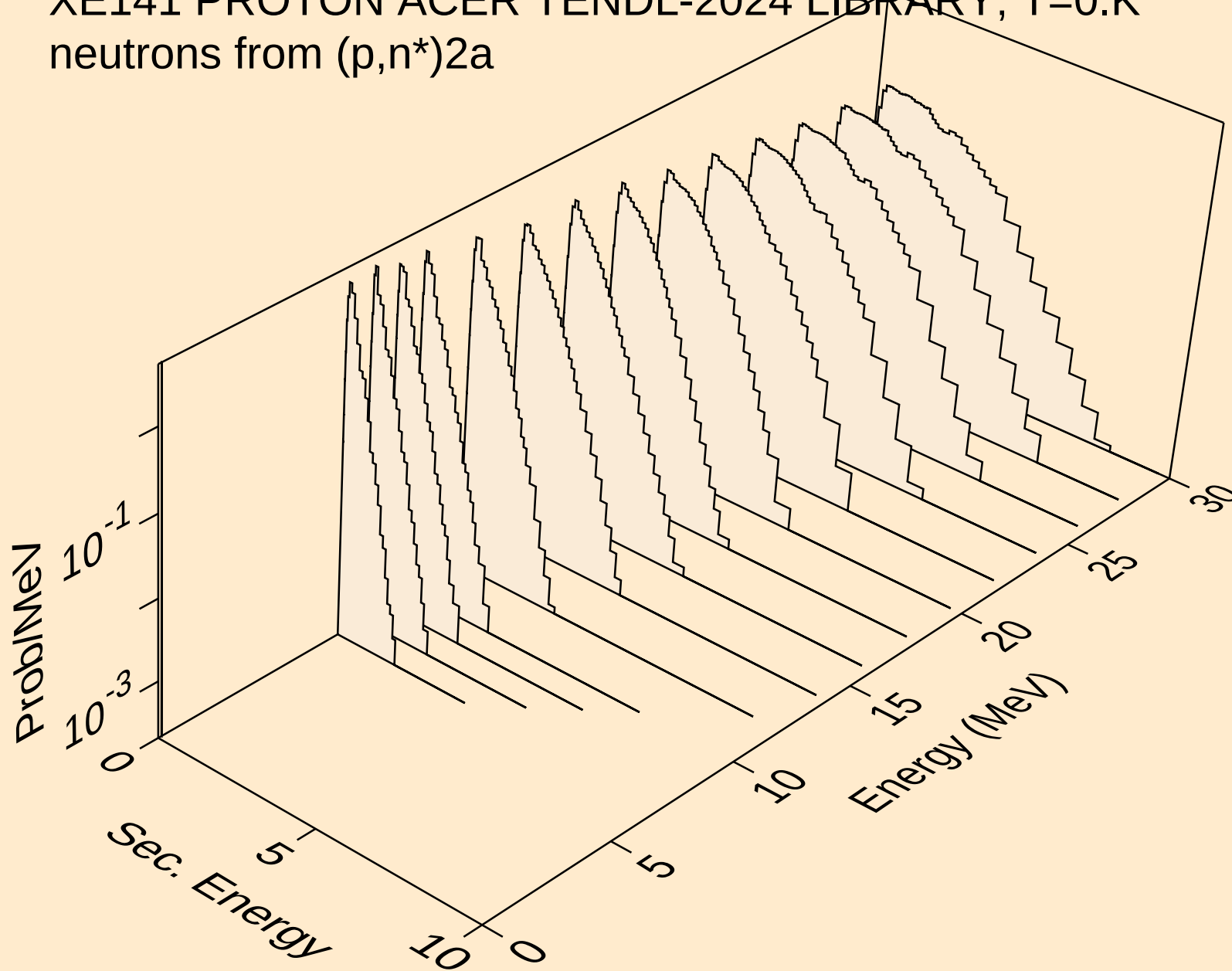
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



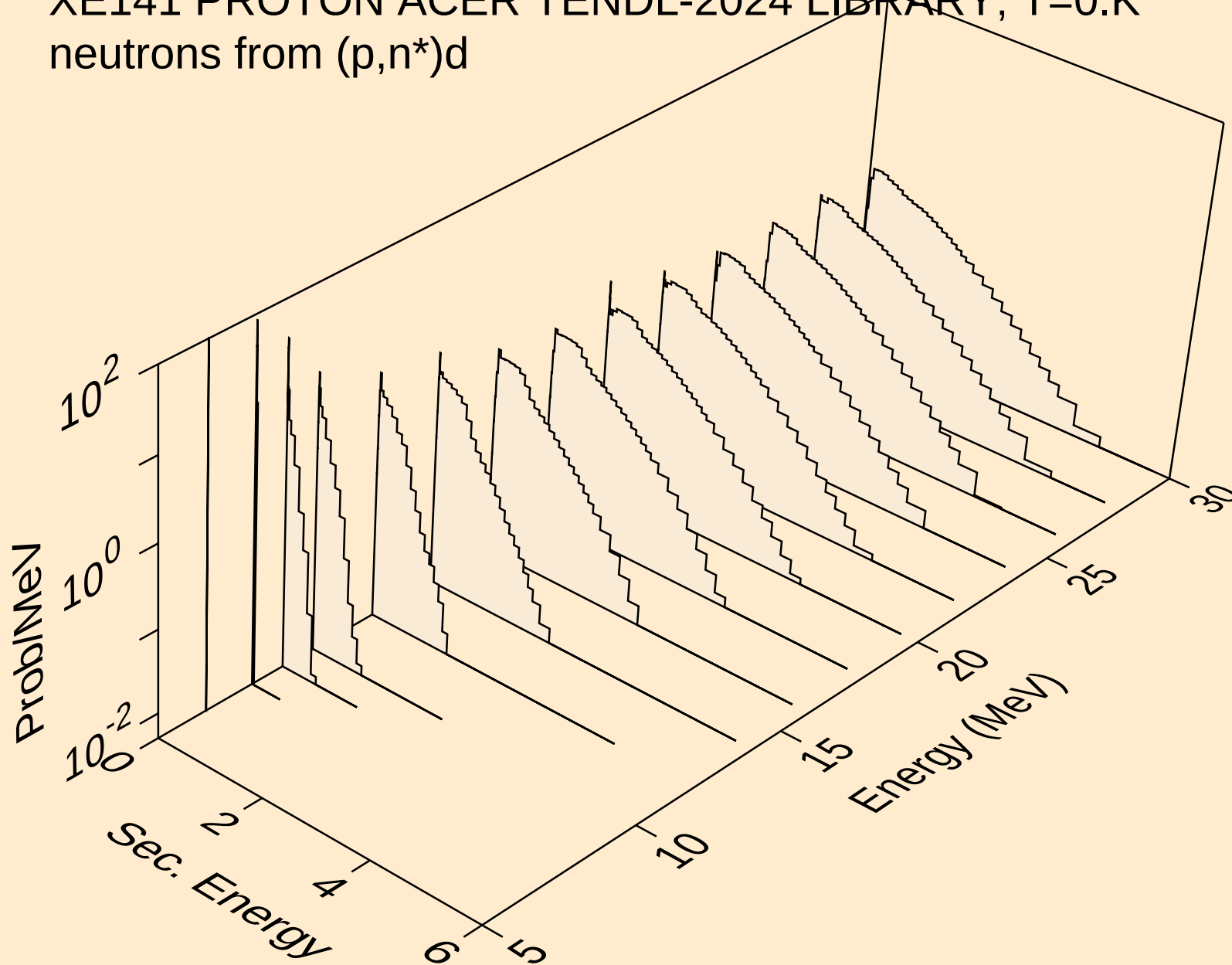
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from  $(p,n^*)p$



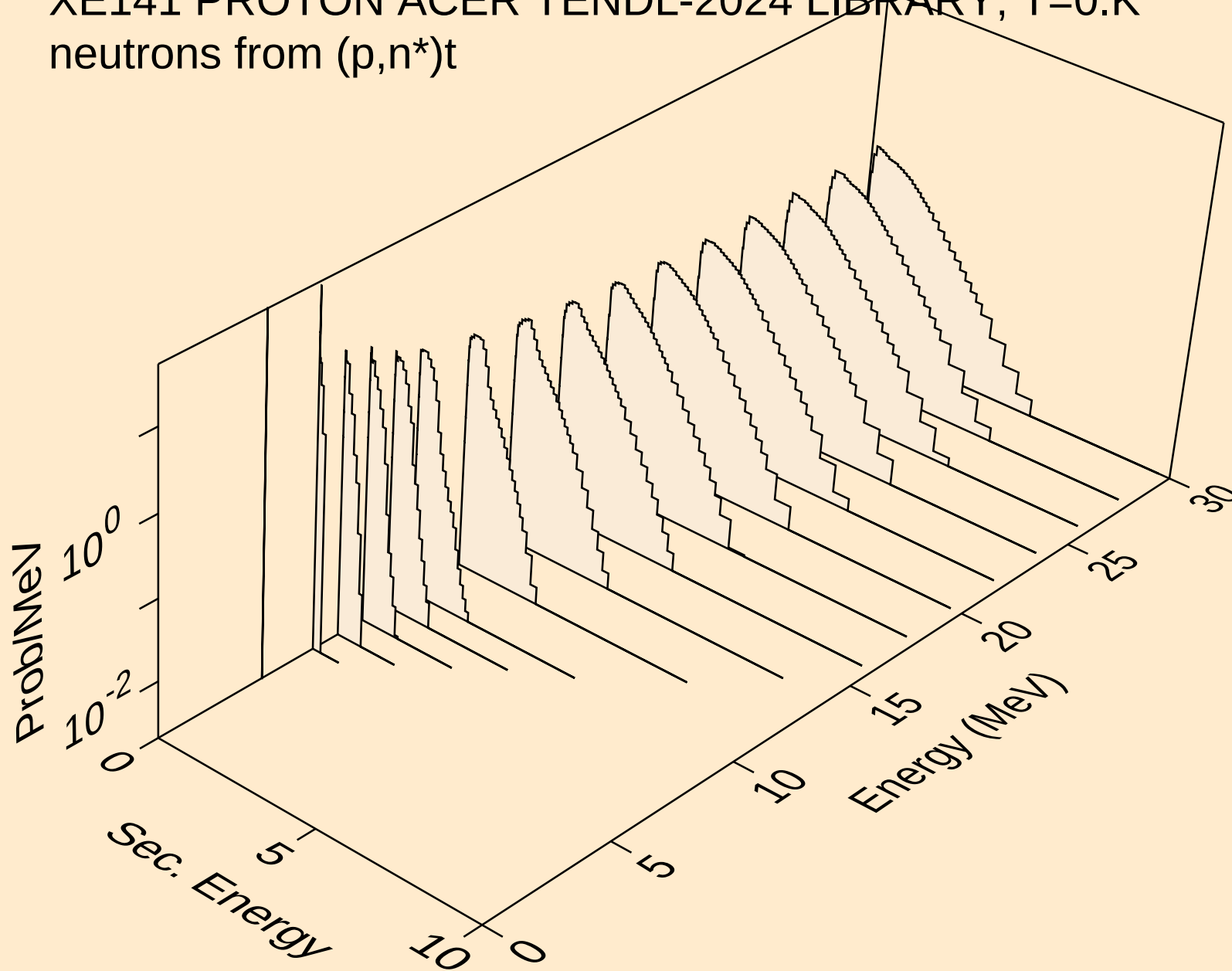
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



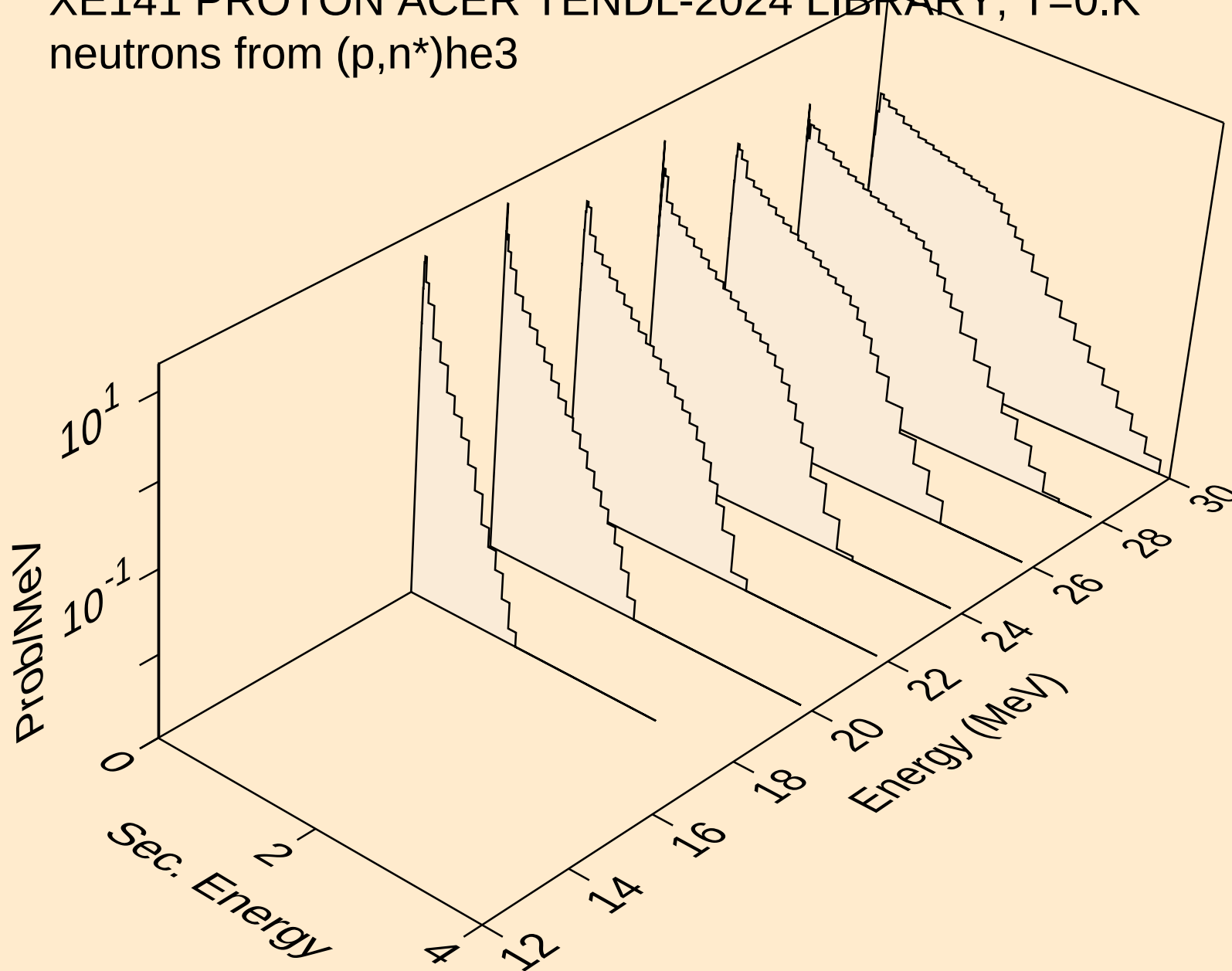
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t

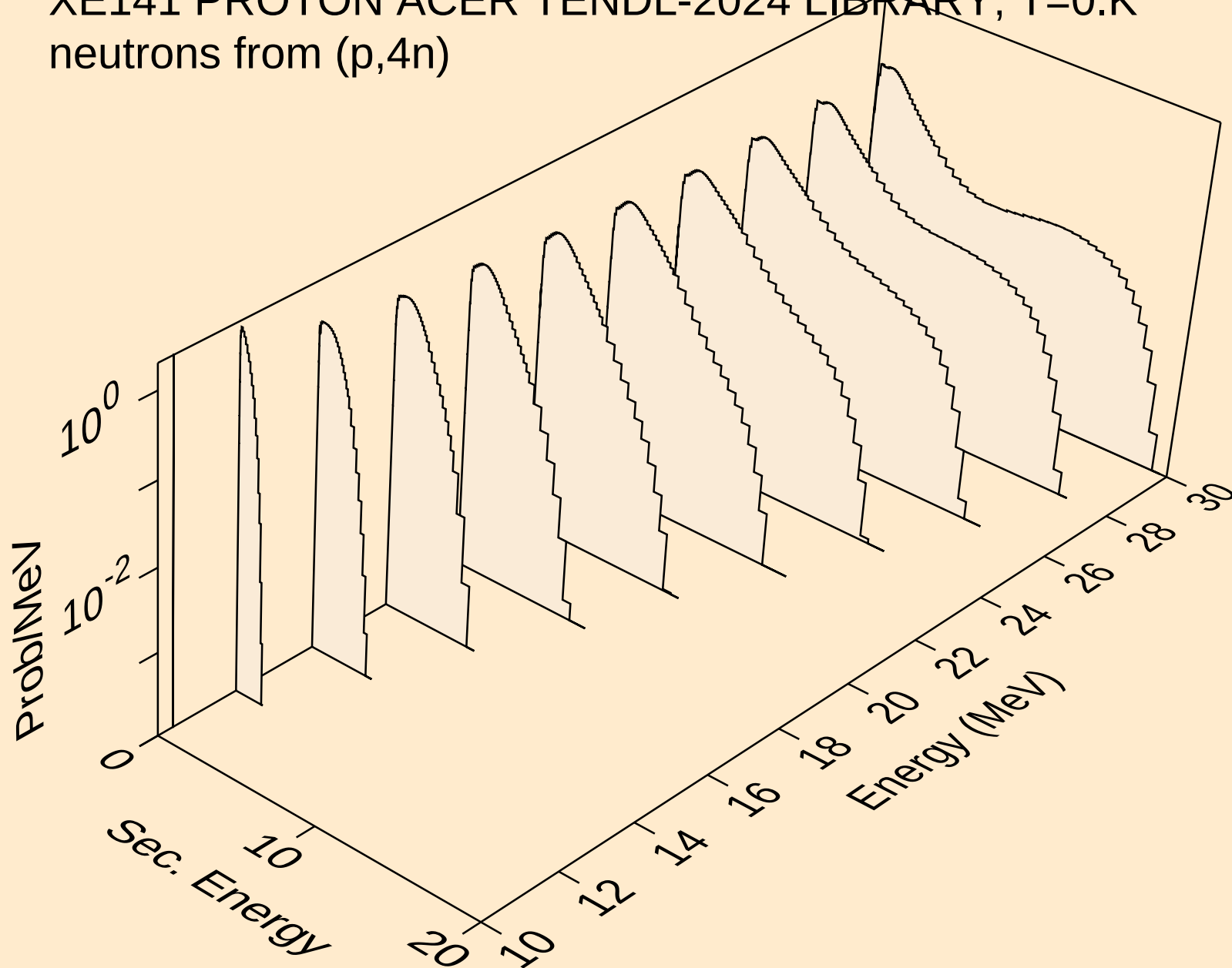


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

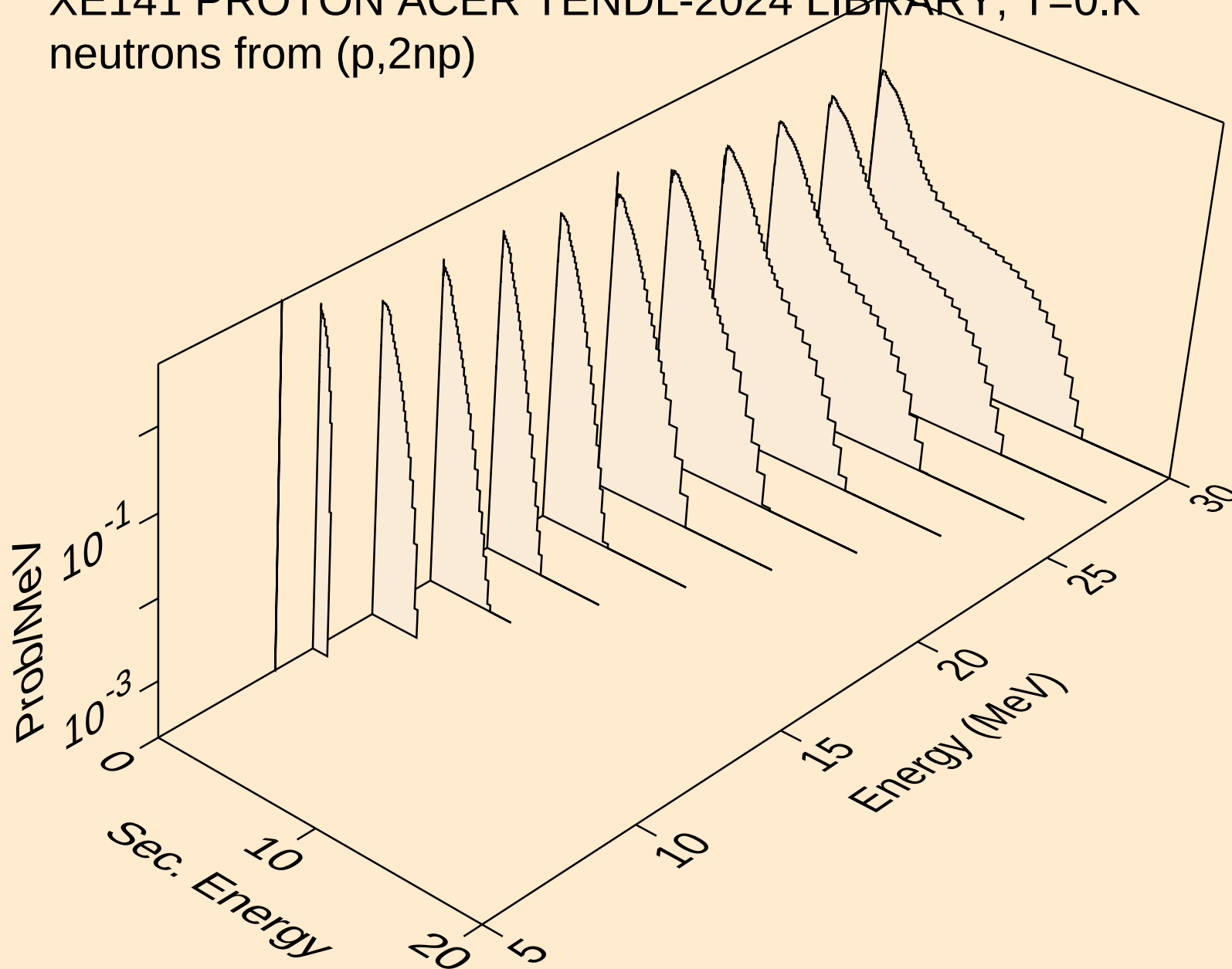




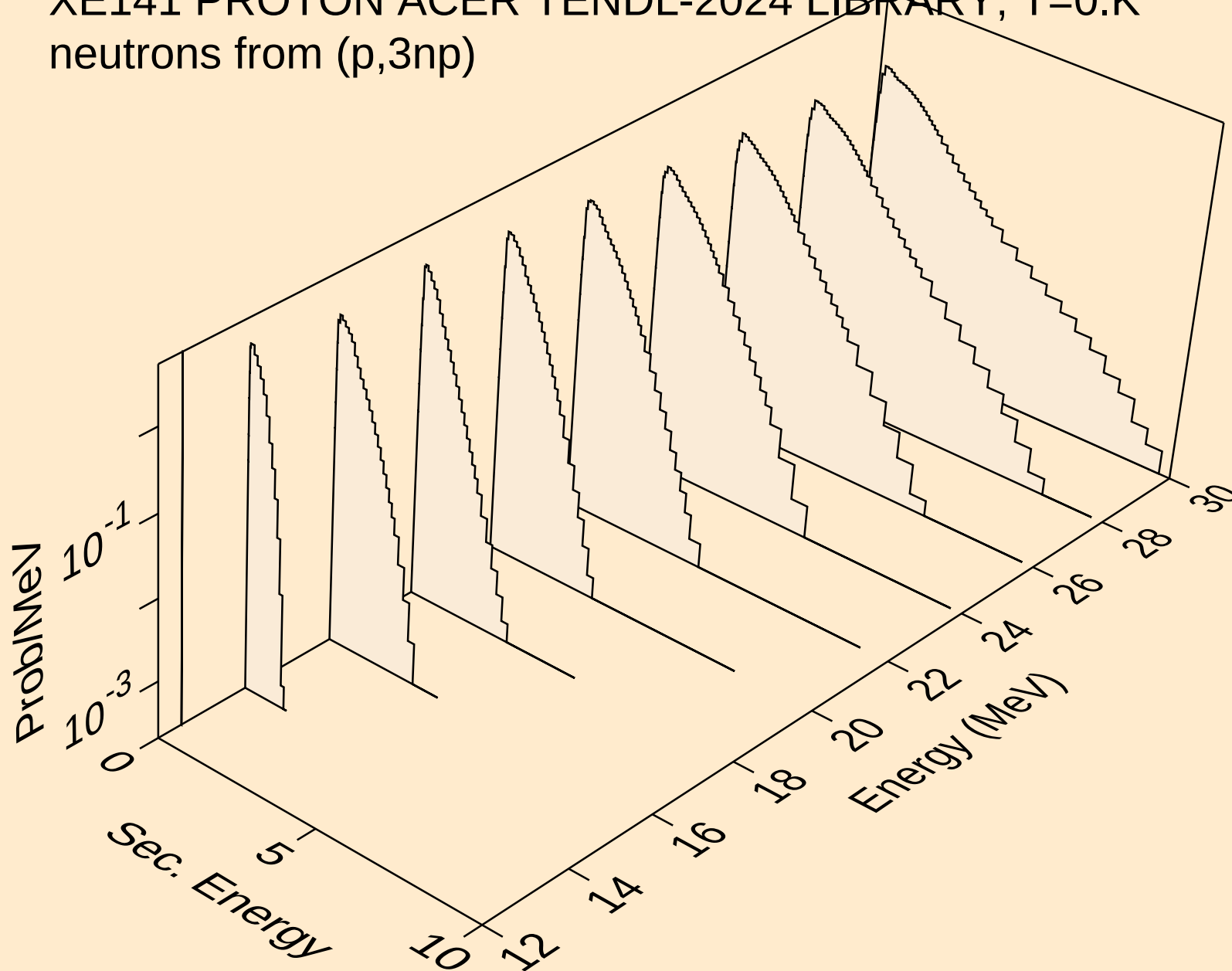
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



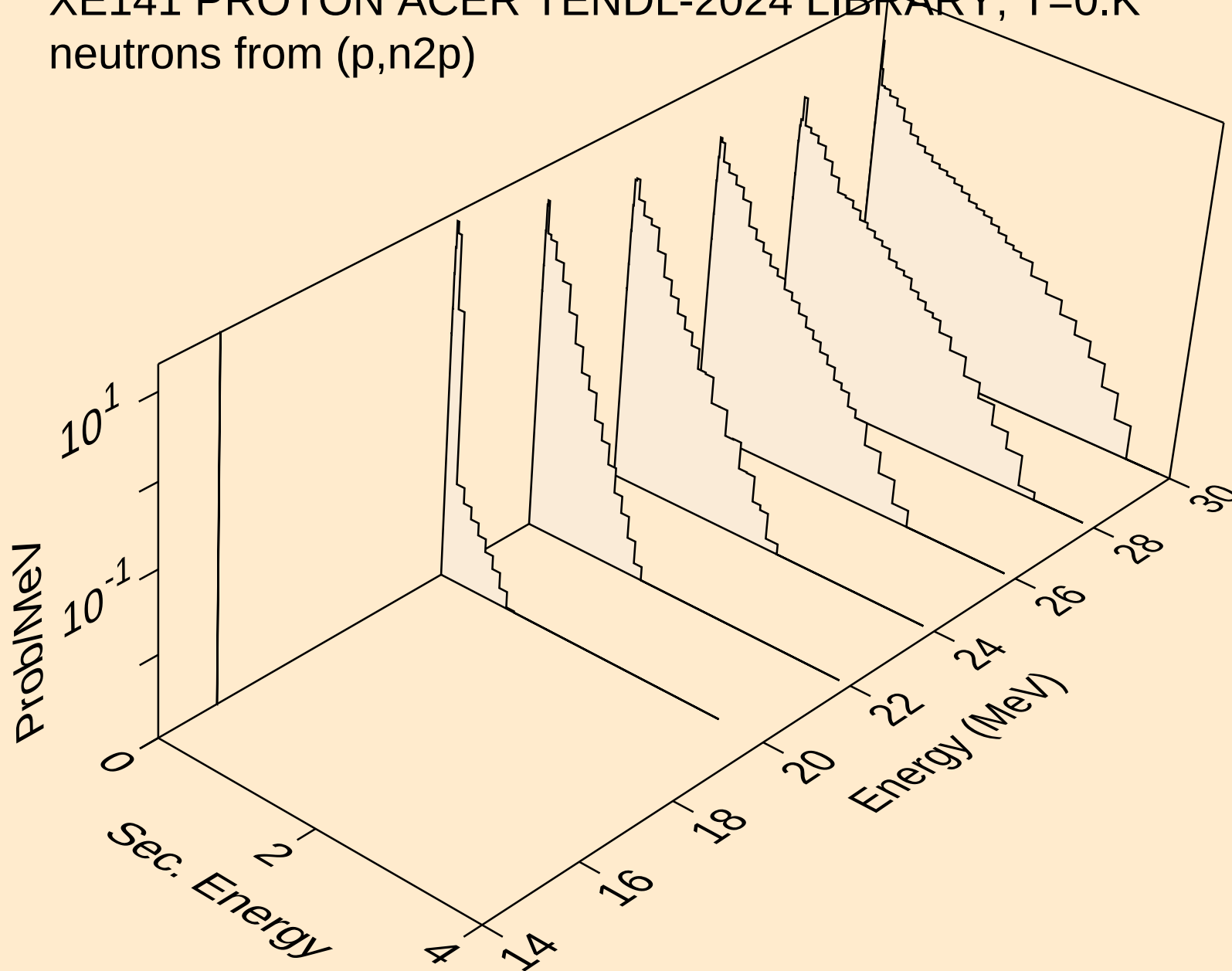
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



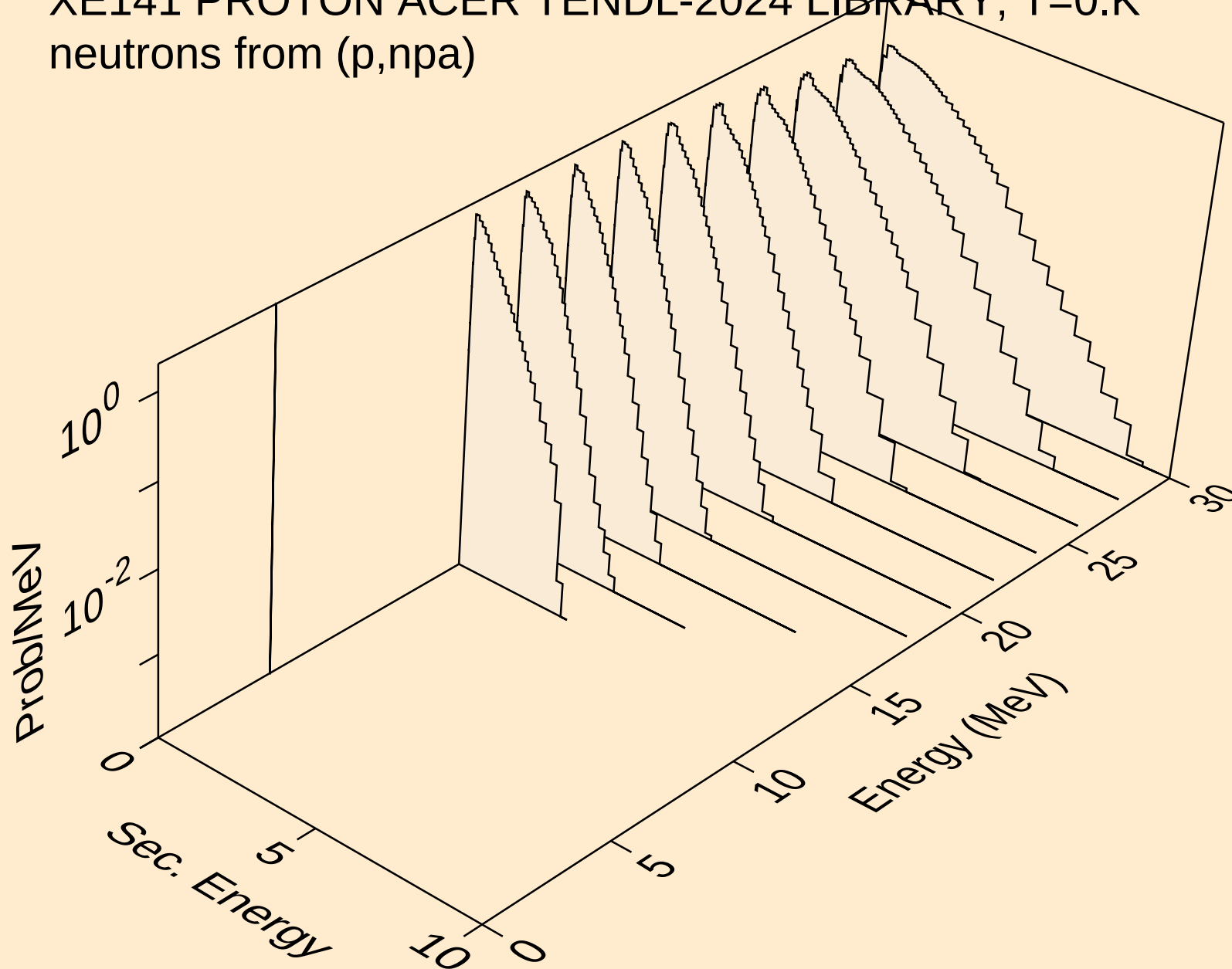
XE141 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from (p,3np)



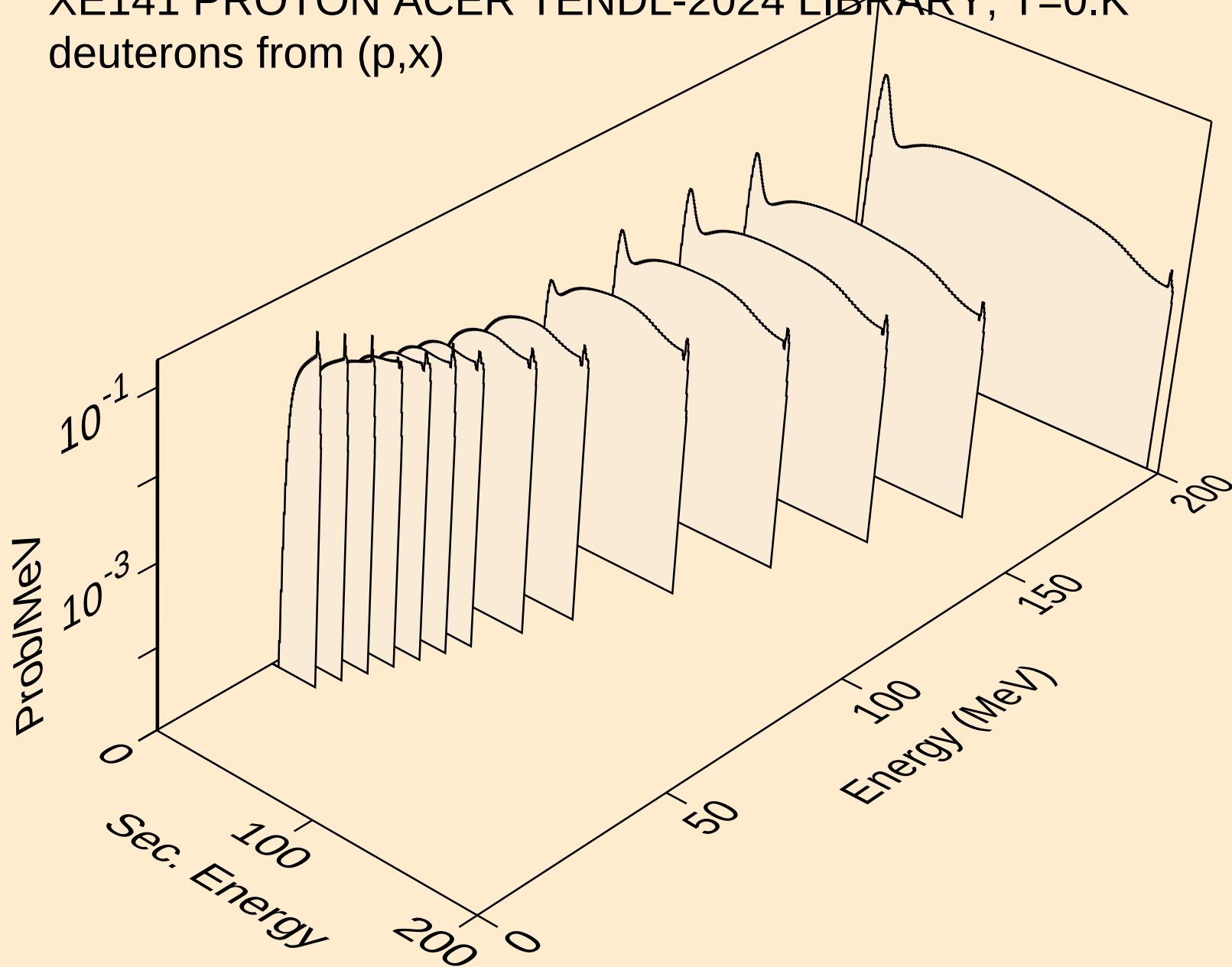
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



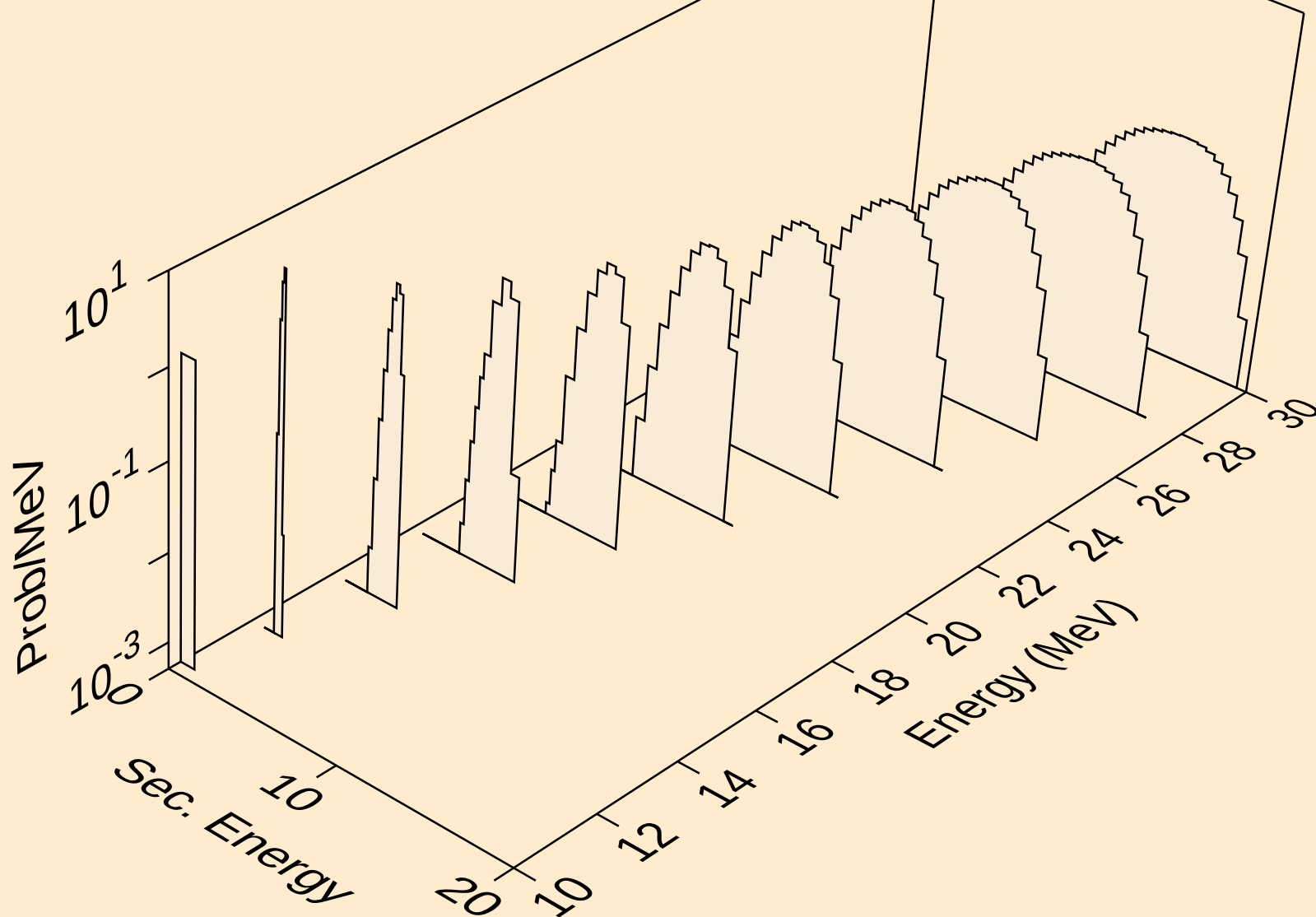
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



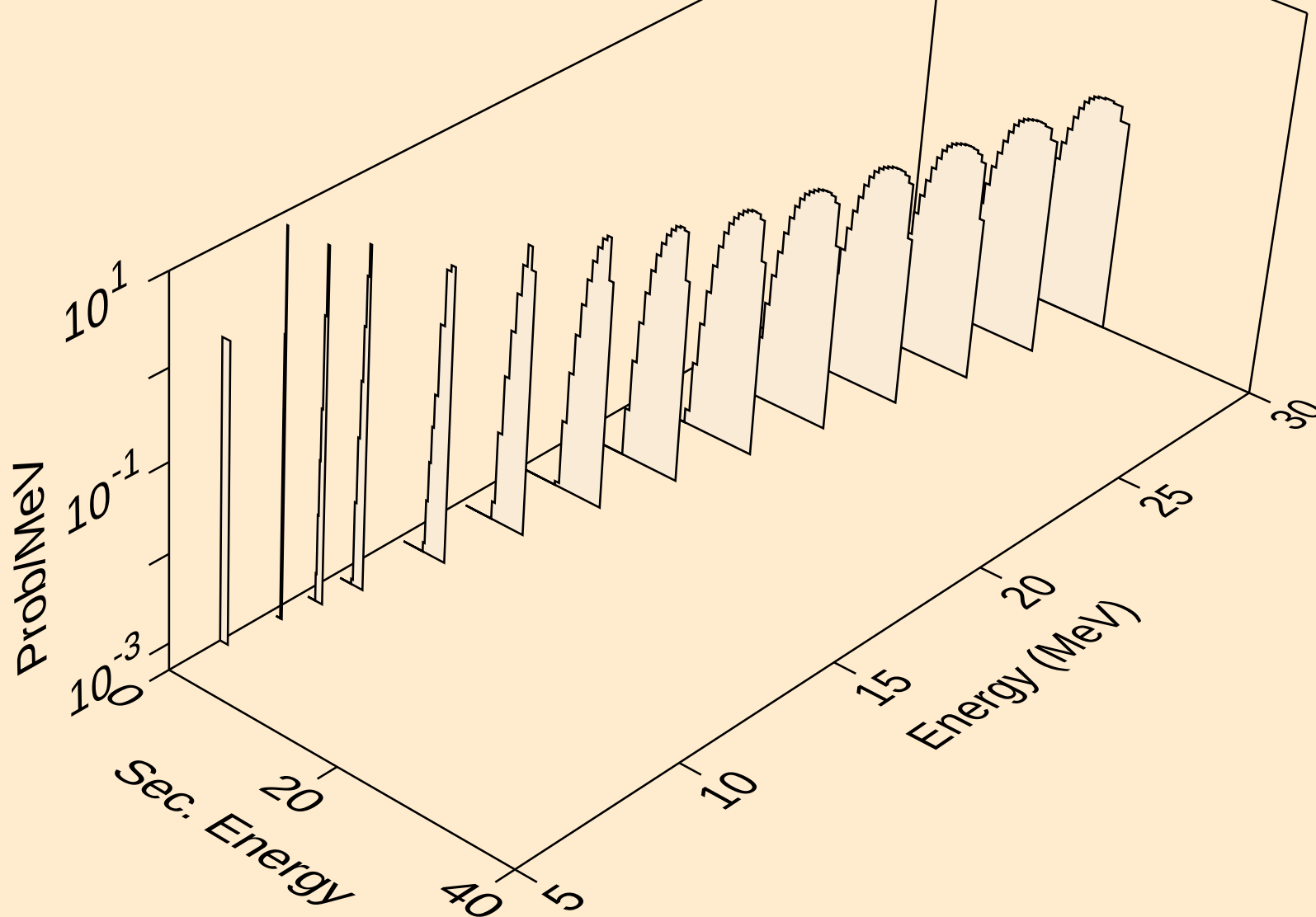
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)

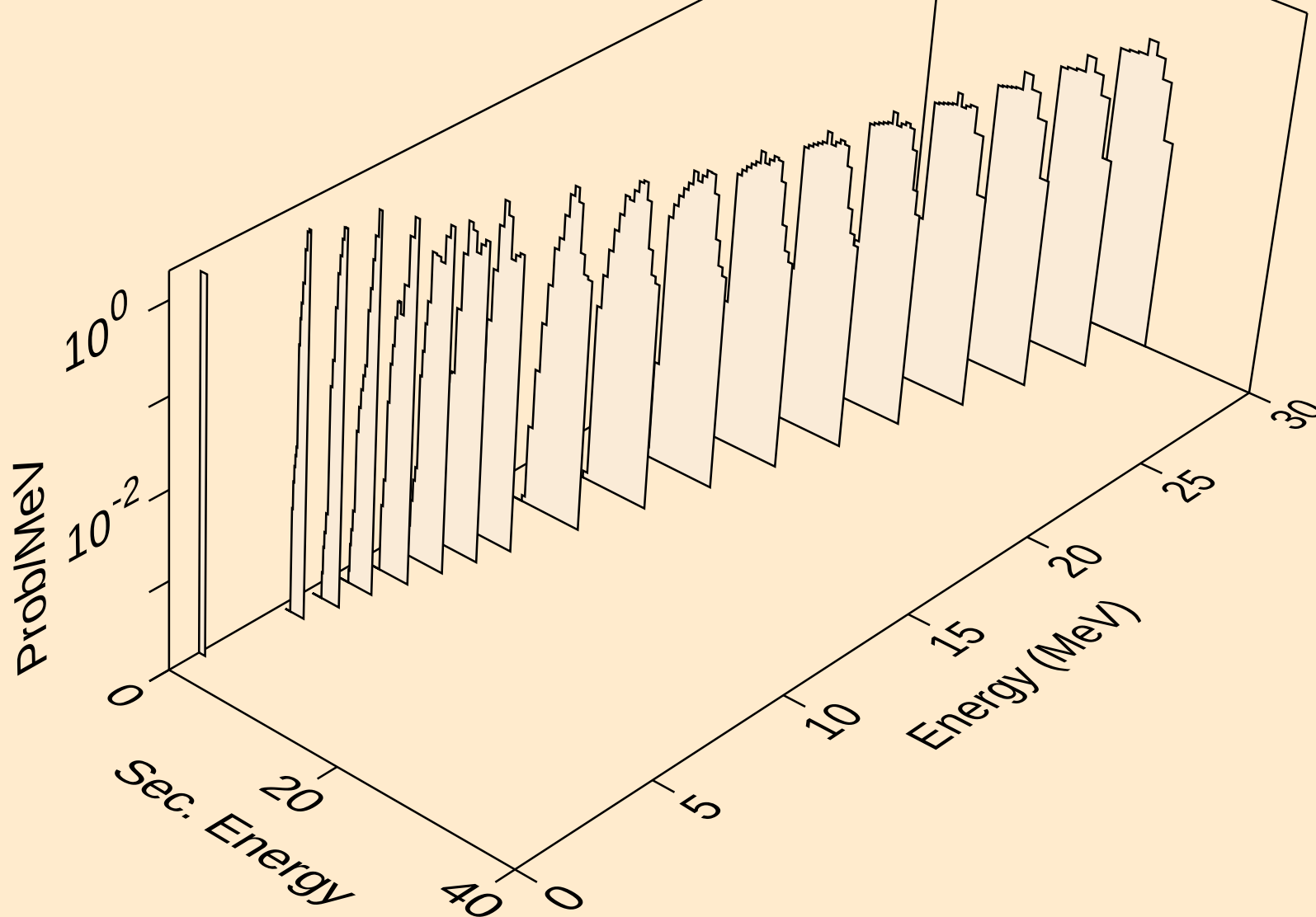


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d

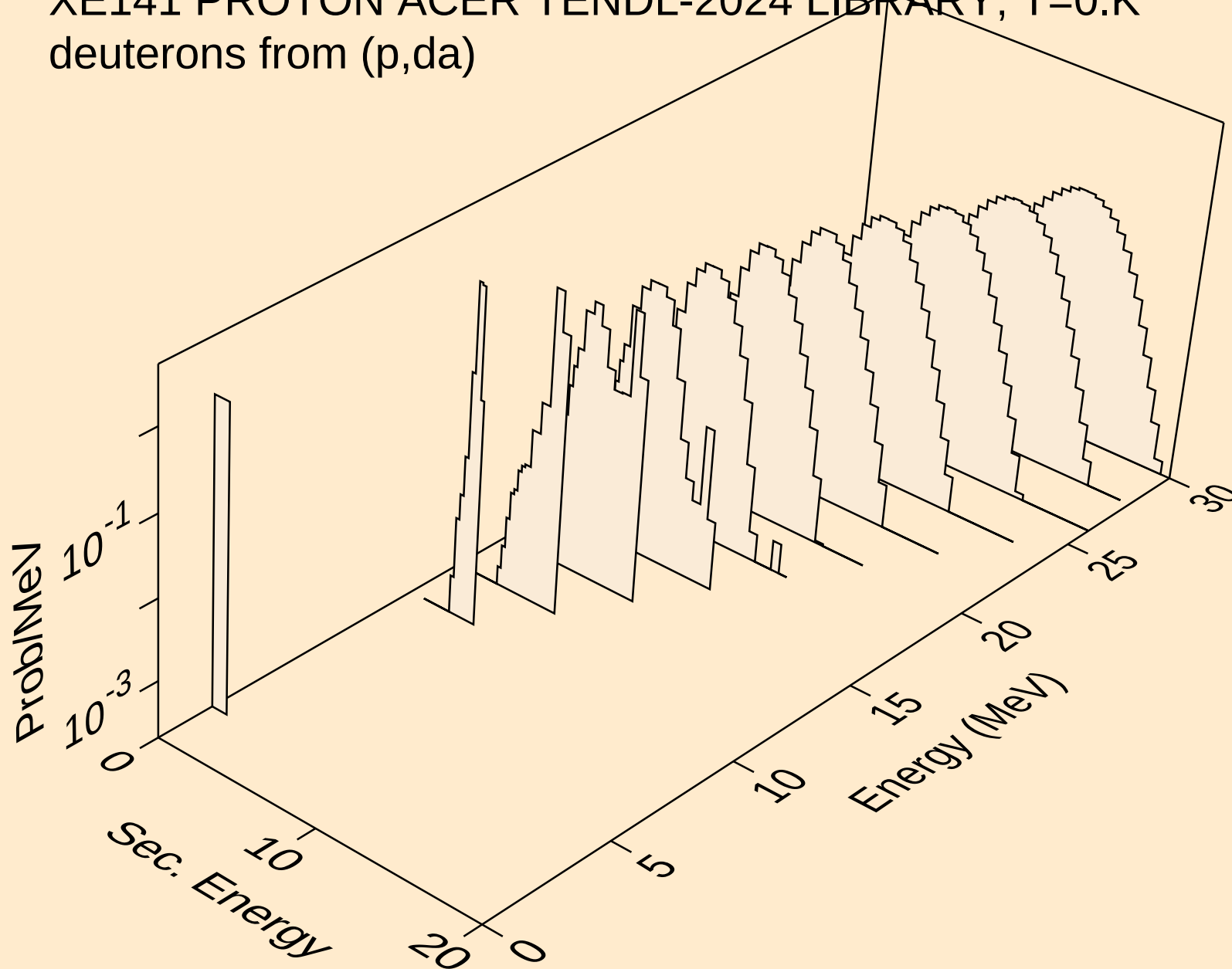




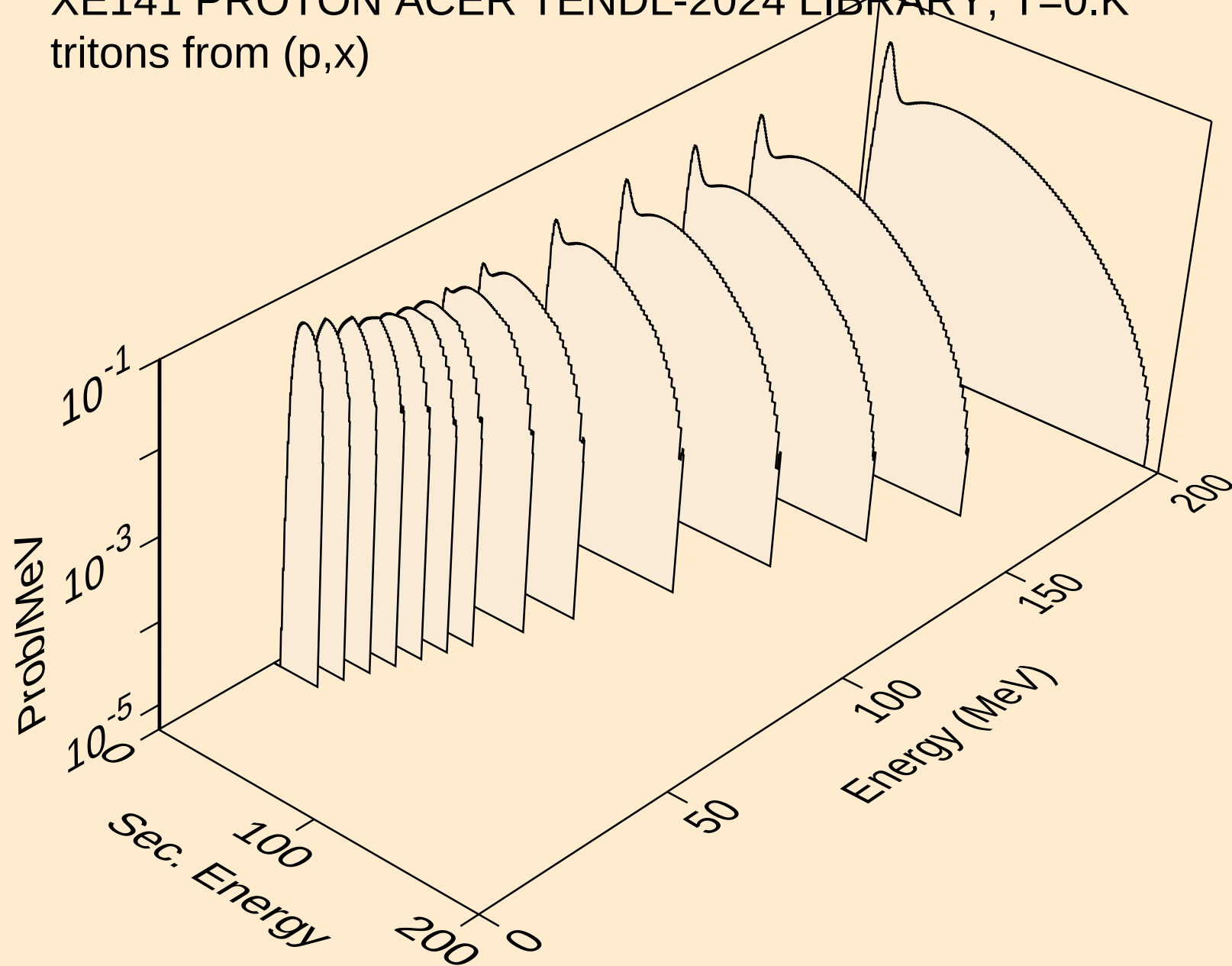
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deuterons from (p,d)



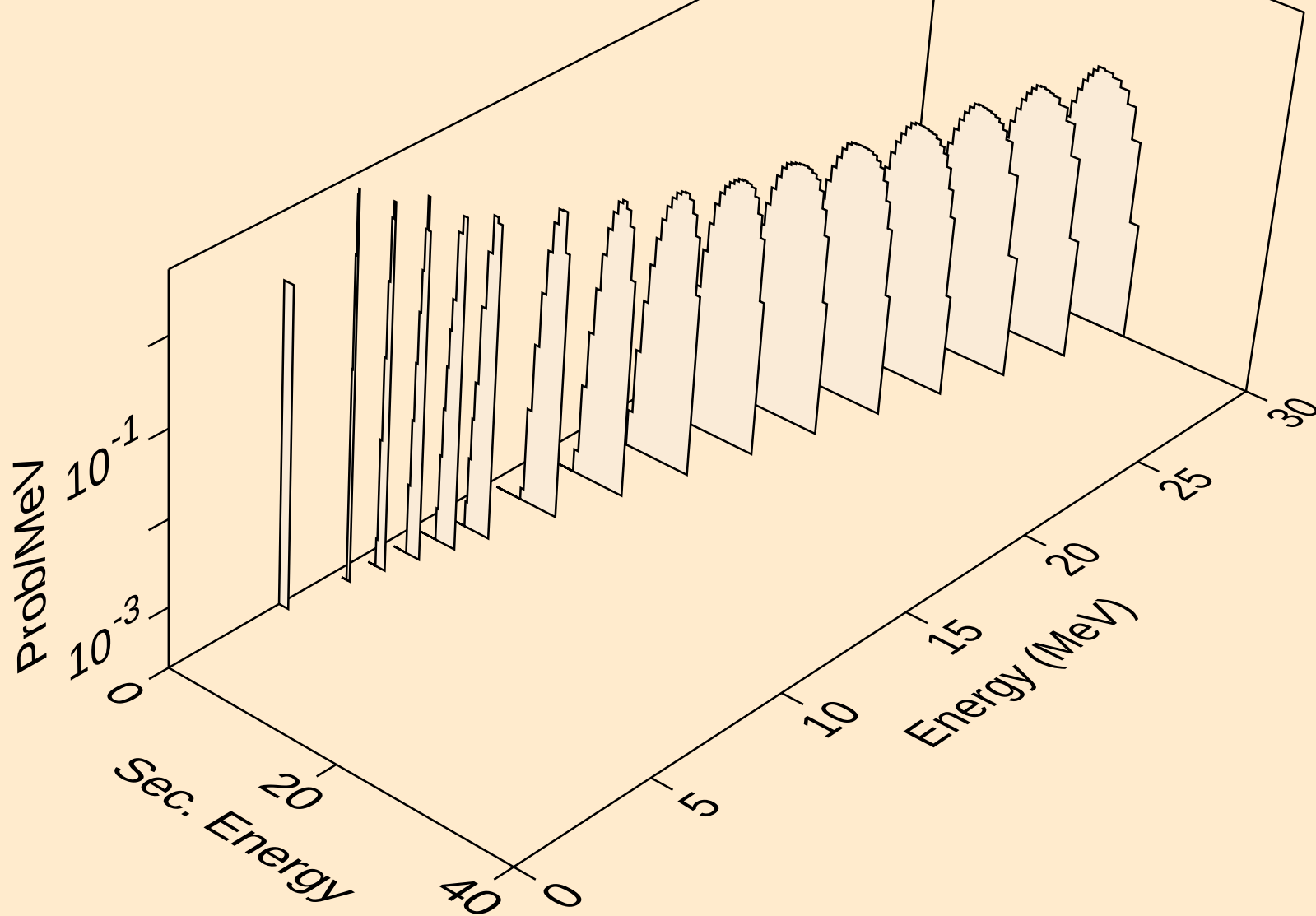
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deuterons from (p,da)



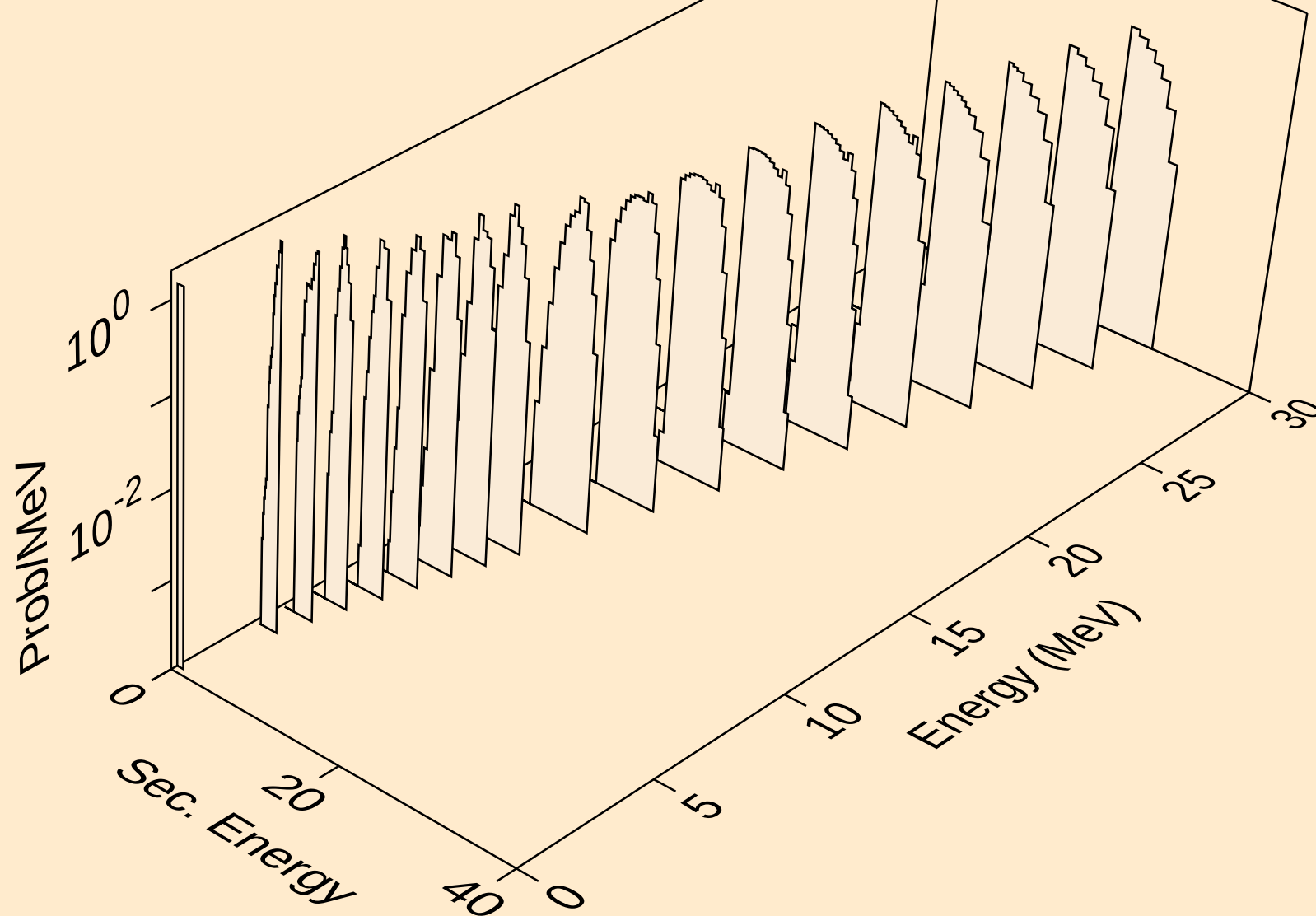
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



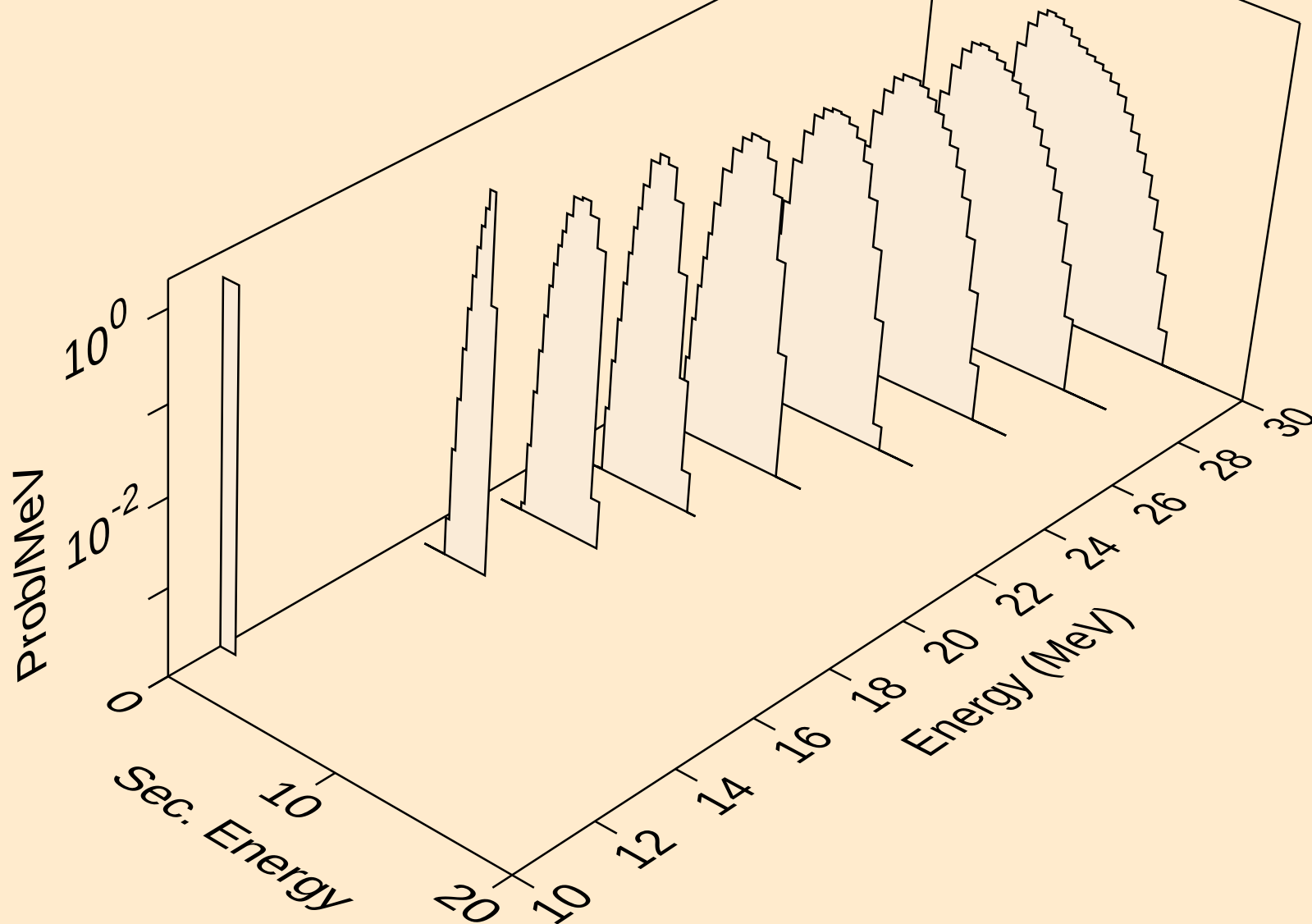
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



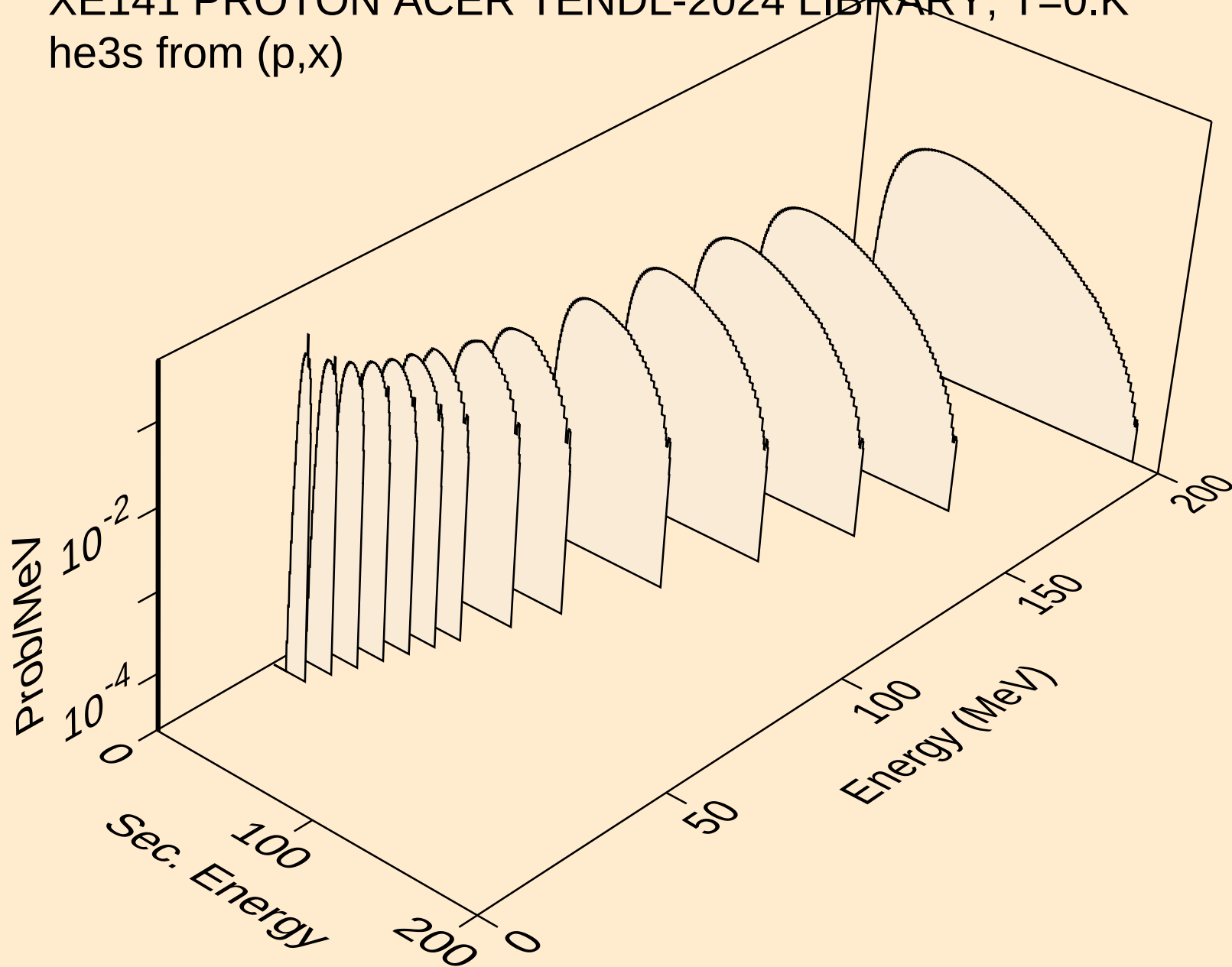
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tritons from (p,t)



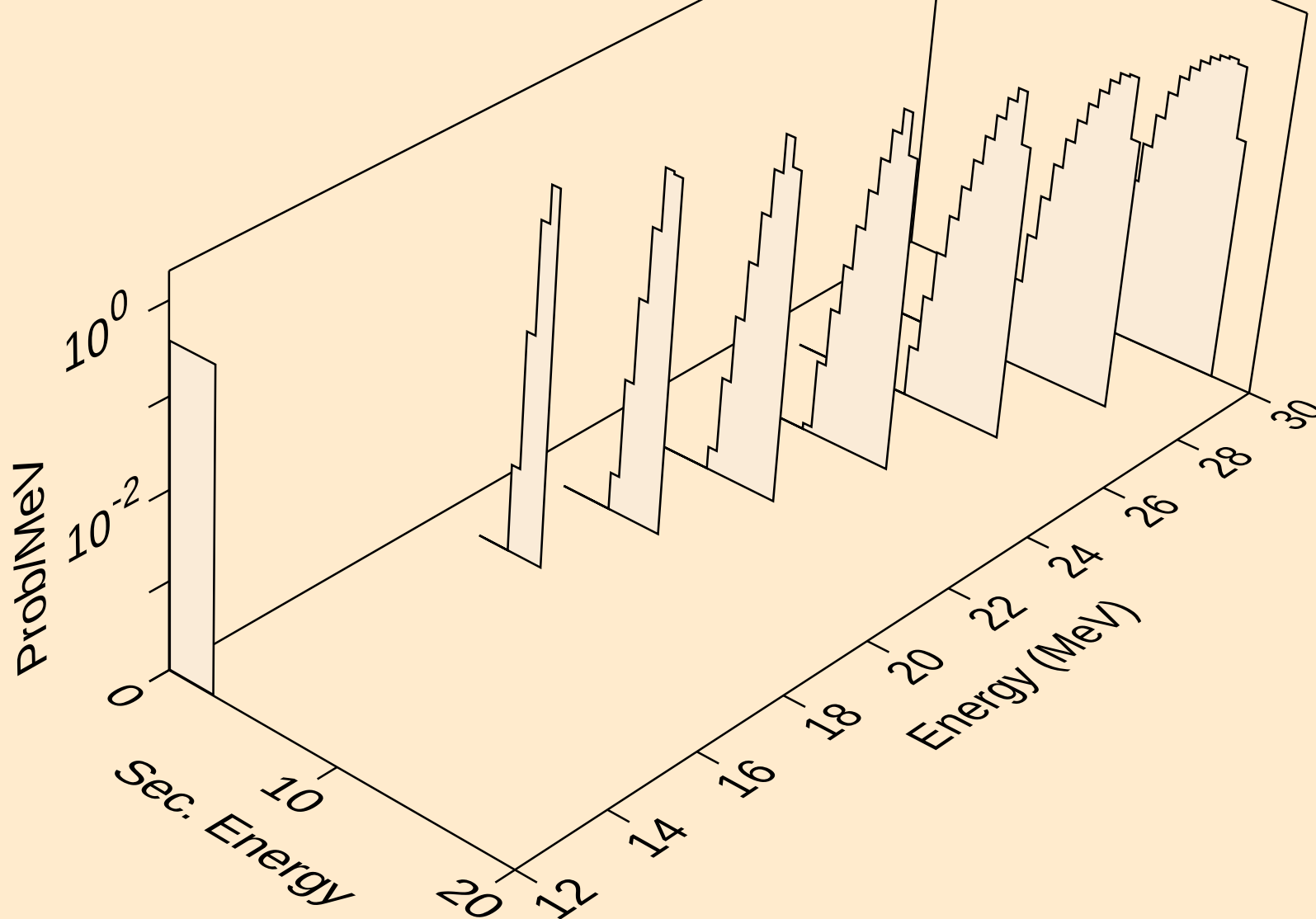
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)

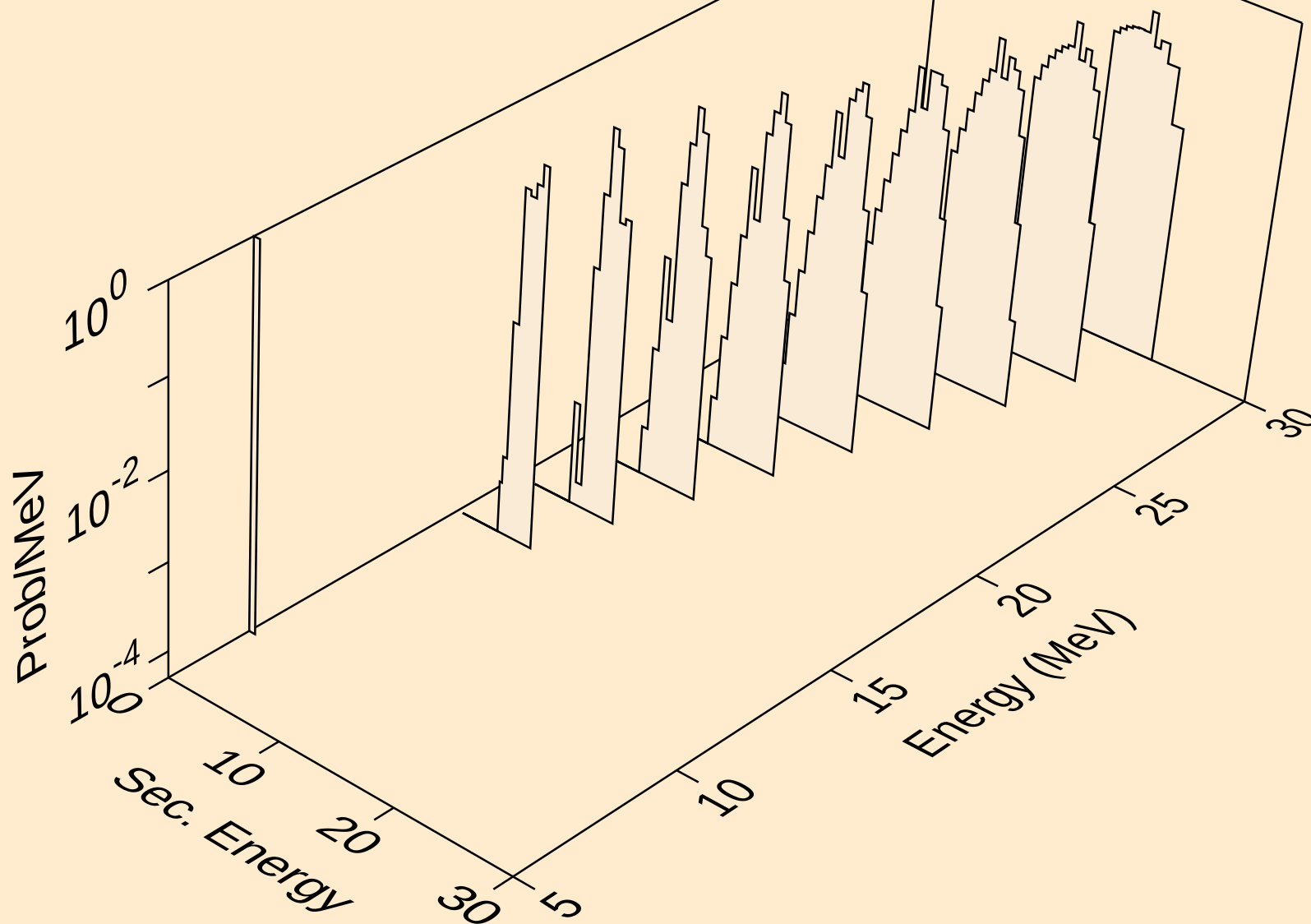


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3

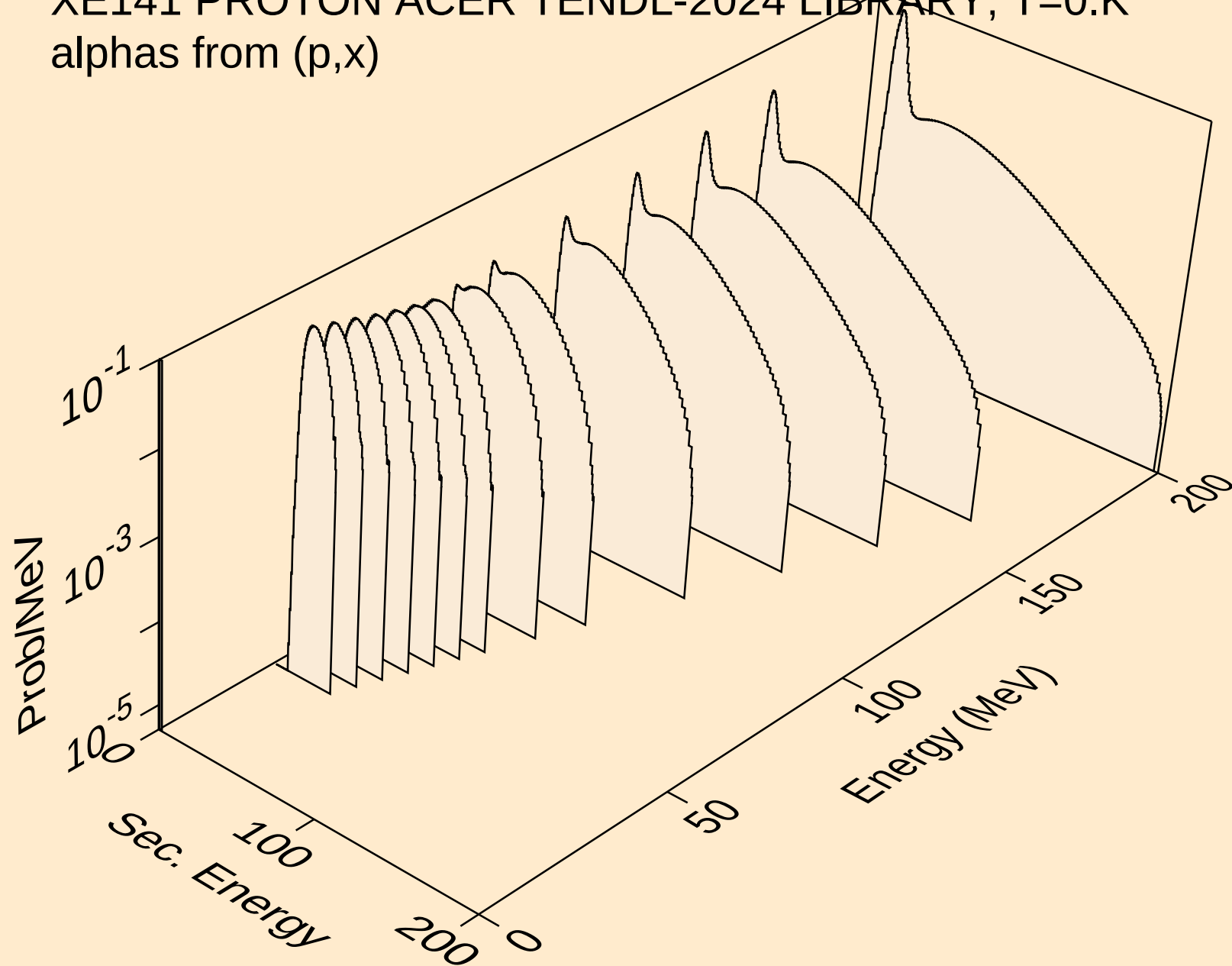




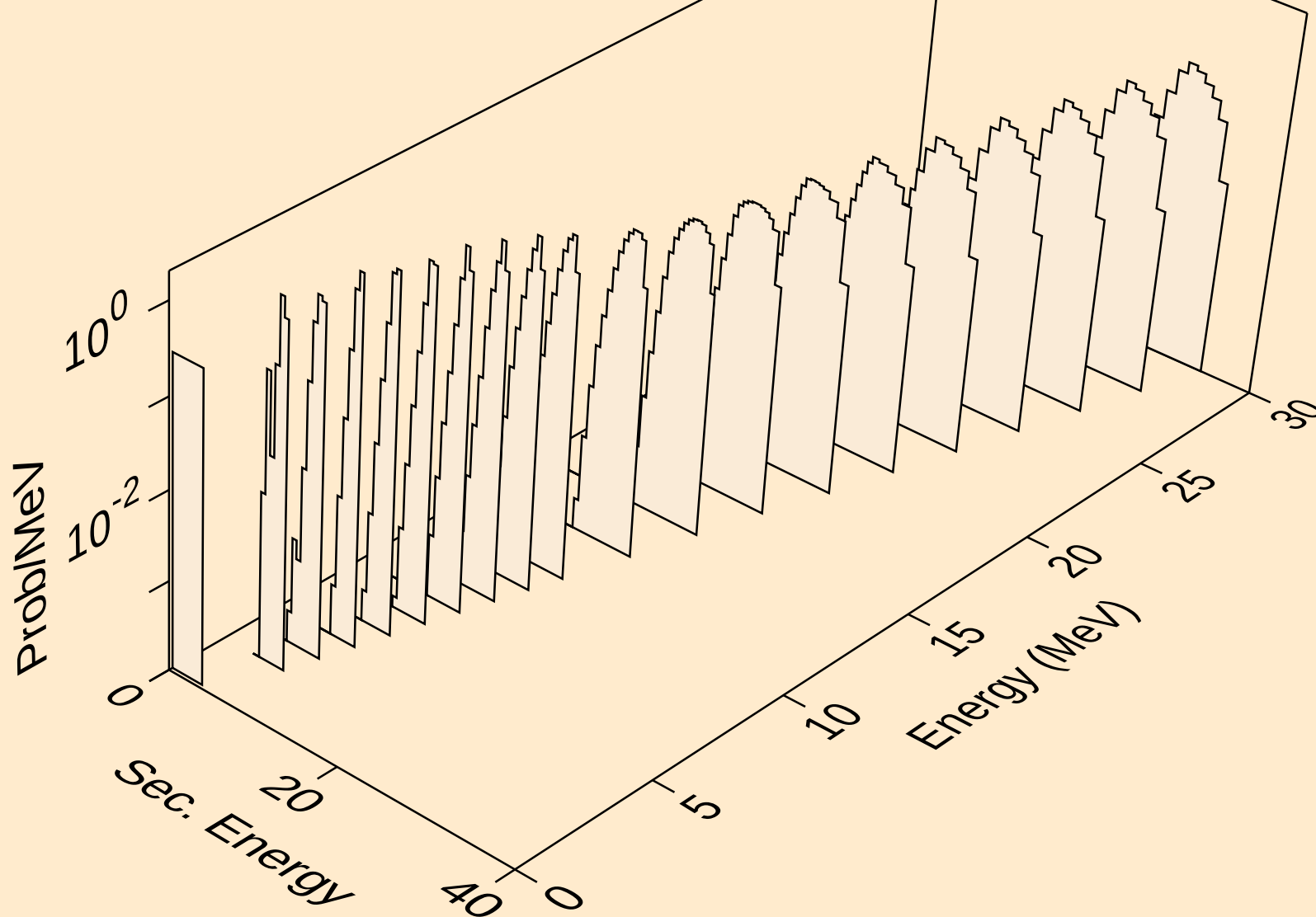
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he3s from (p,he3)



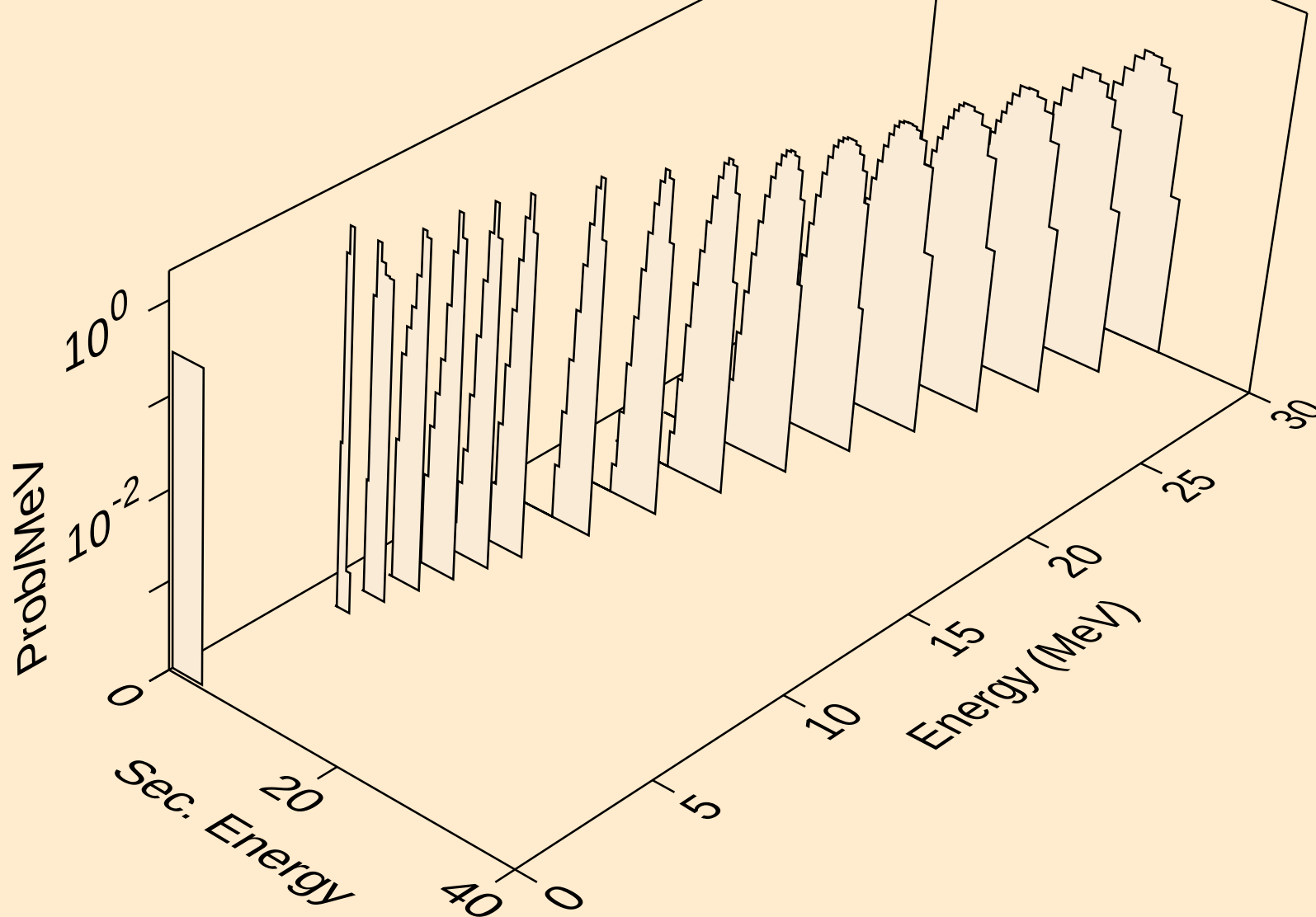
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



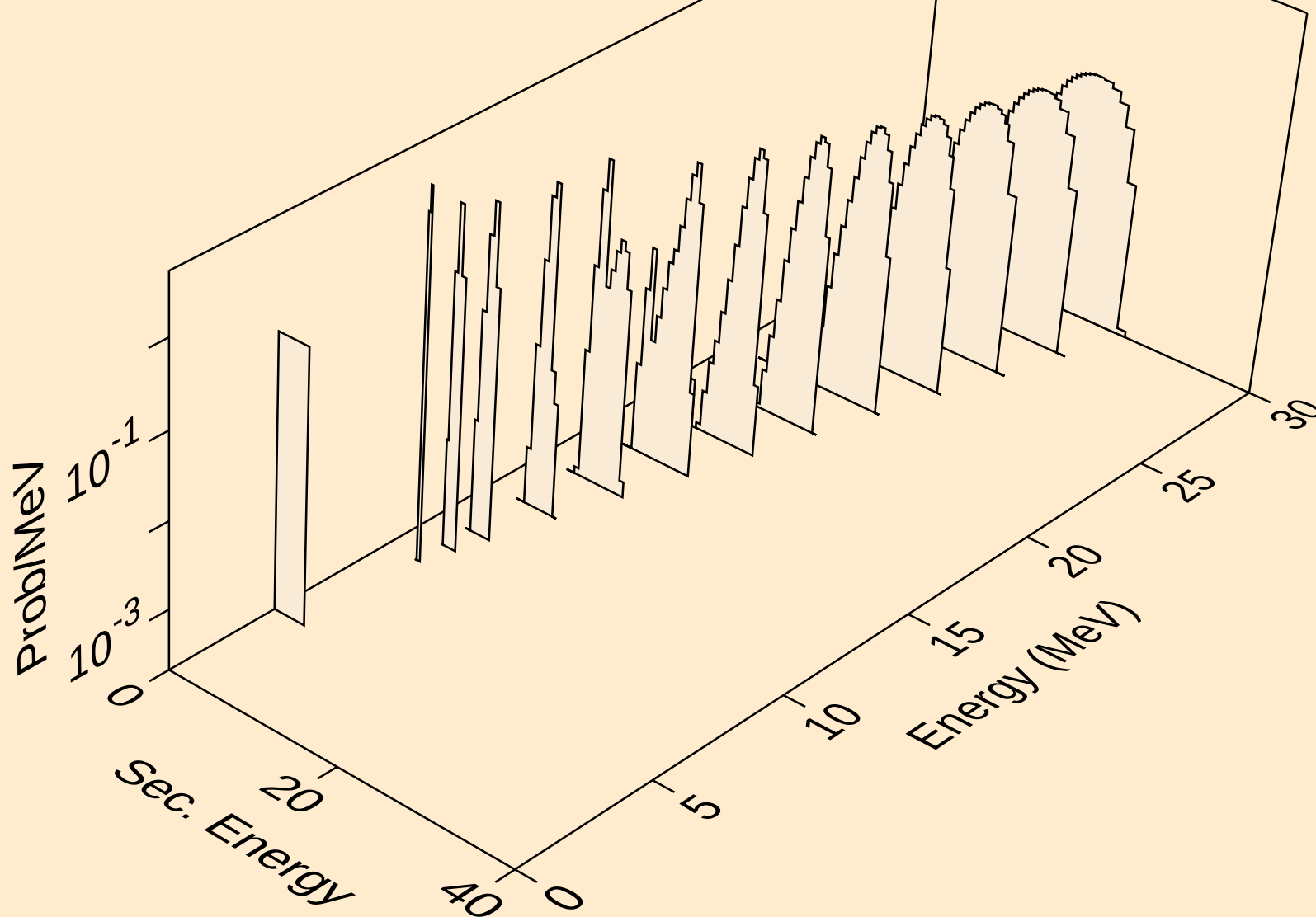
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



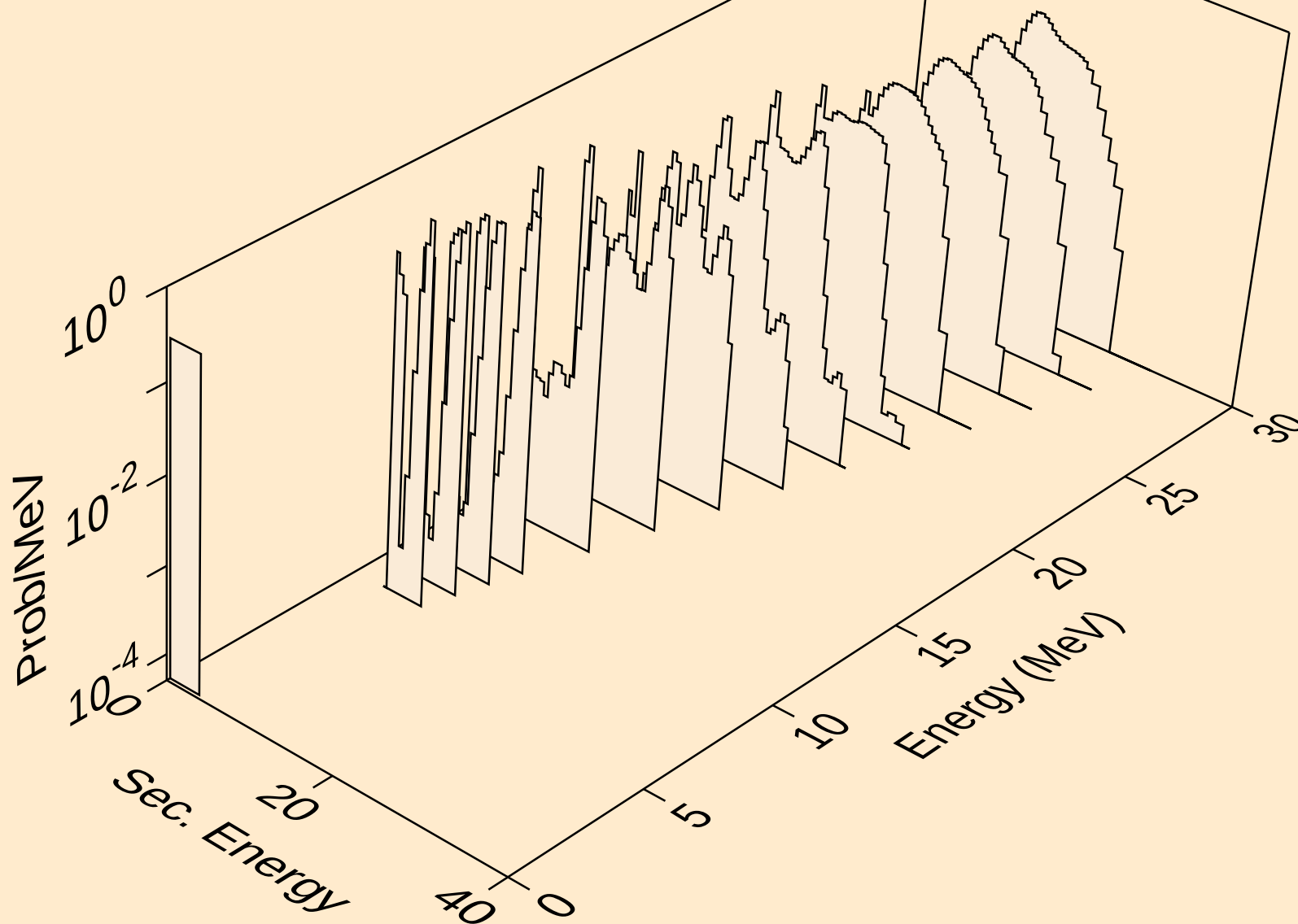
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



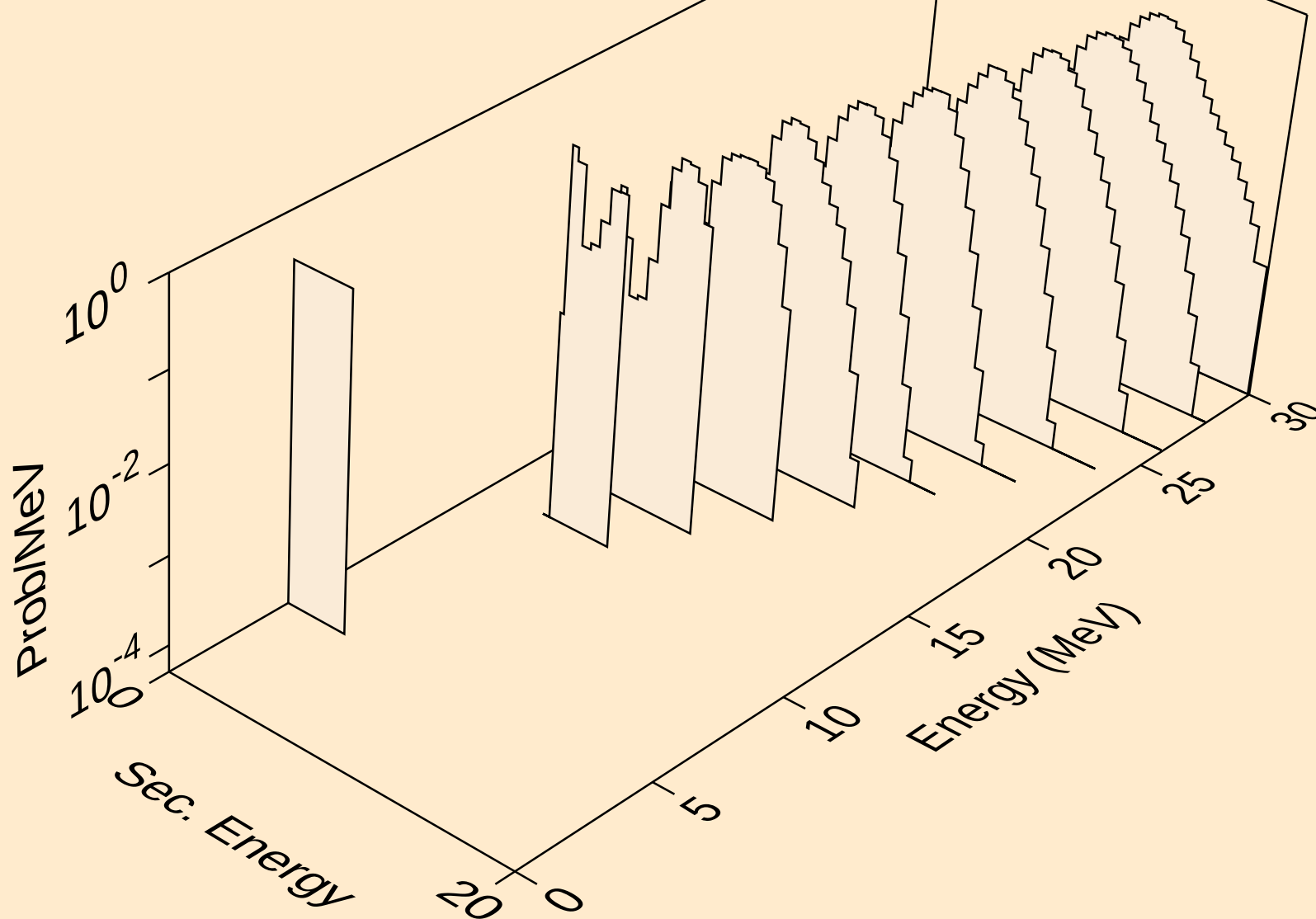
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



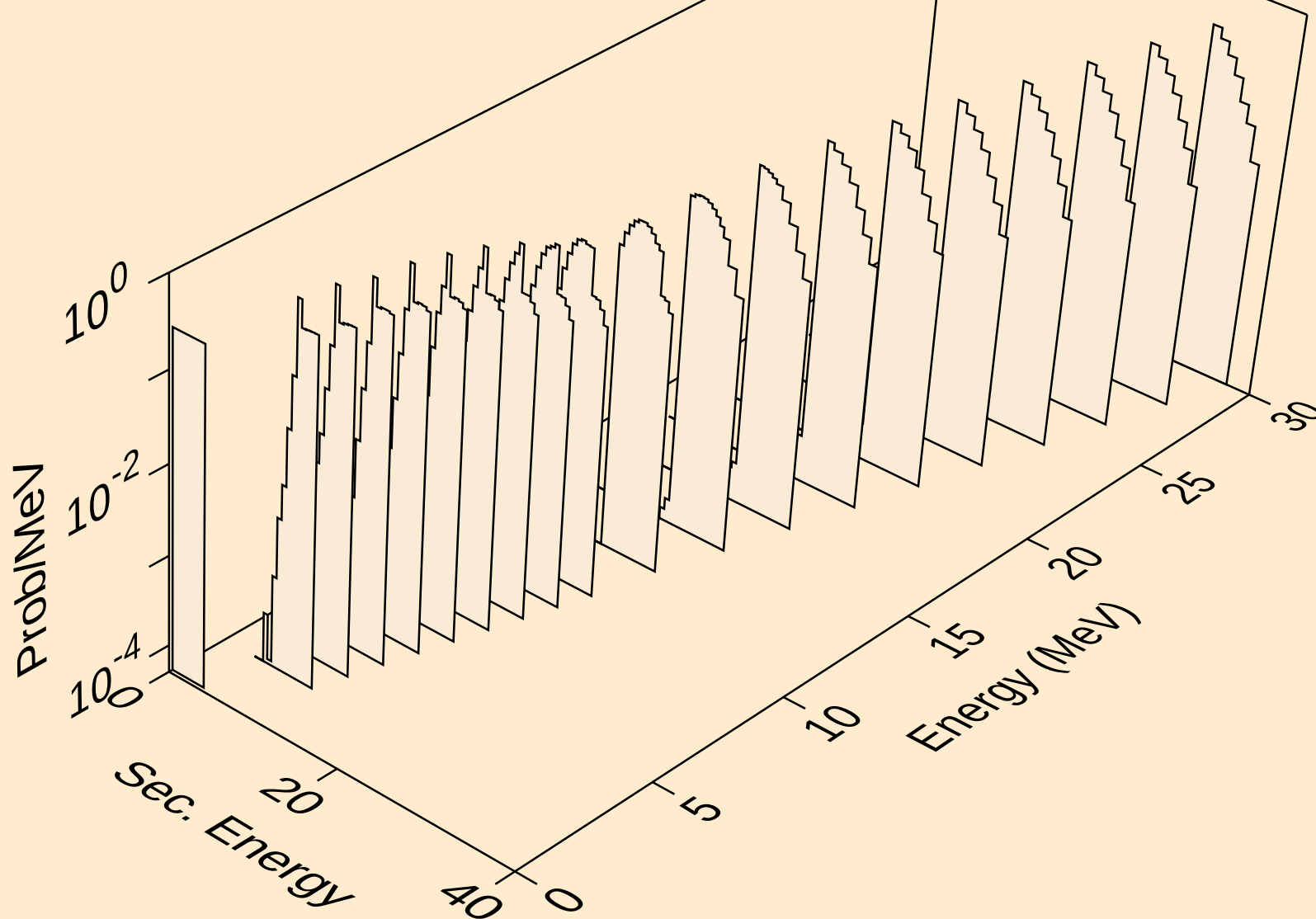
XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)

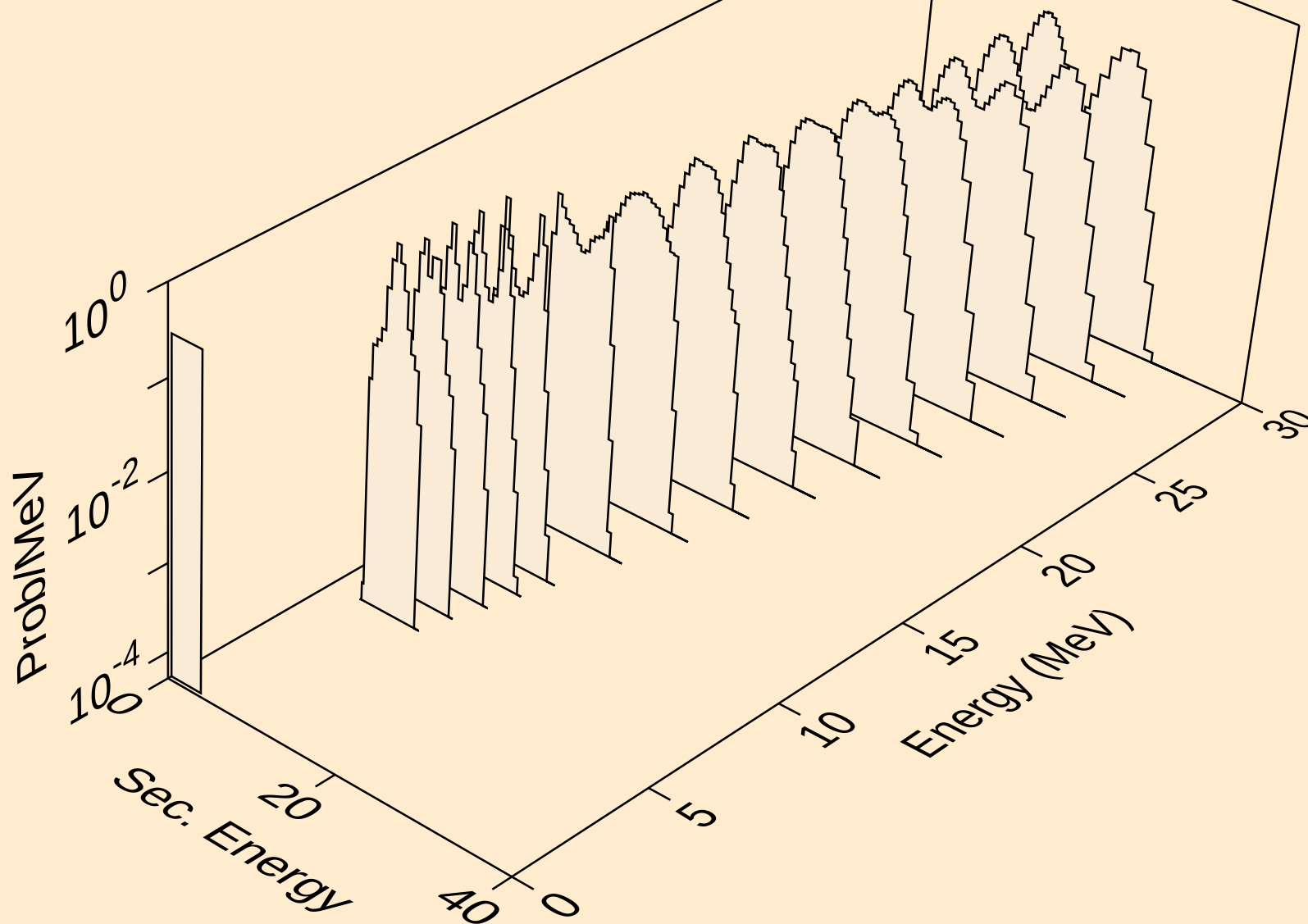


XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

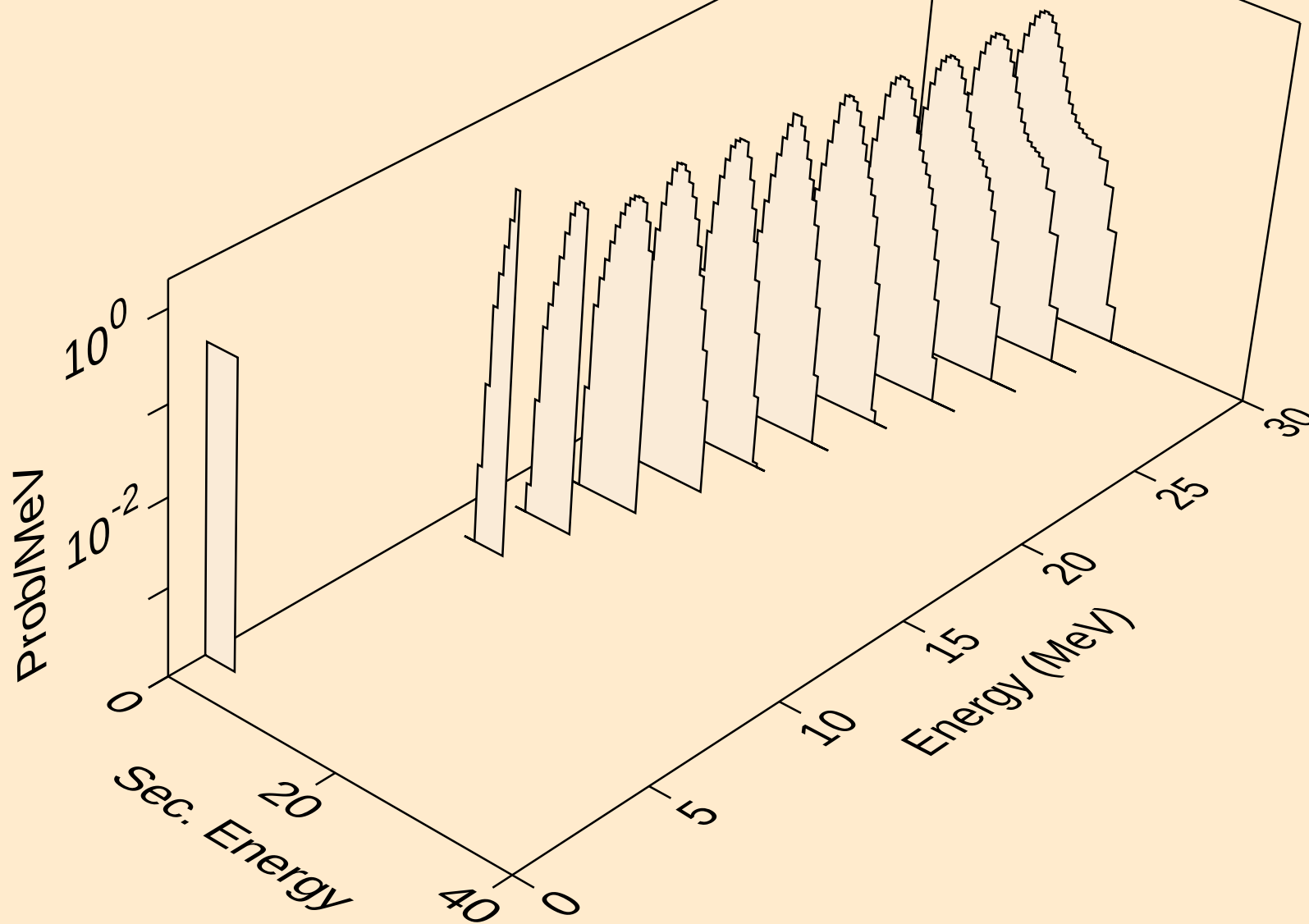




XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



XE141 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

