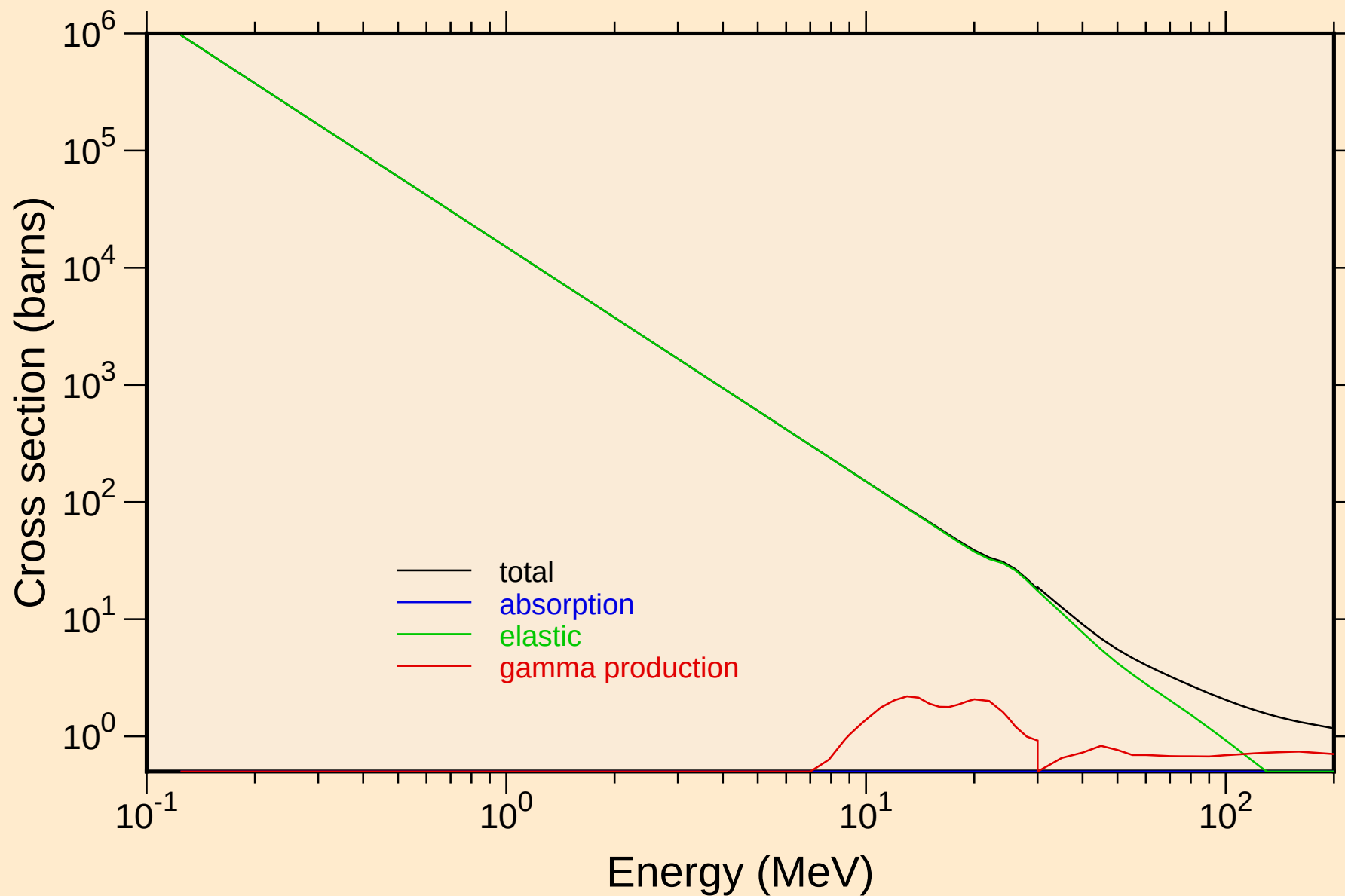


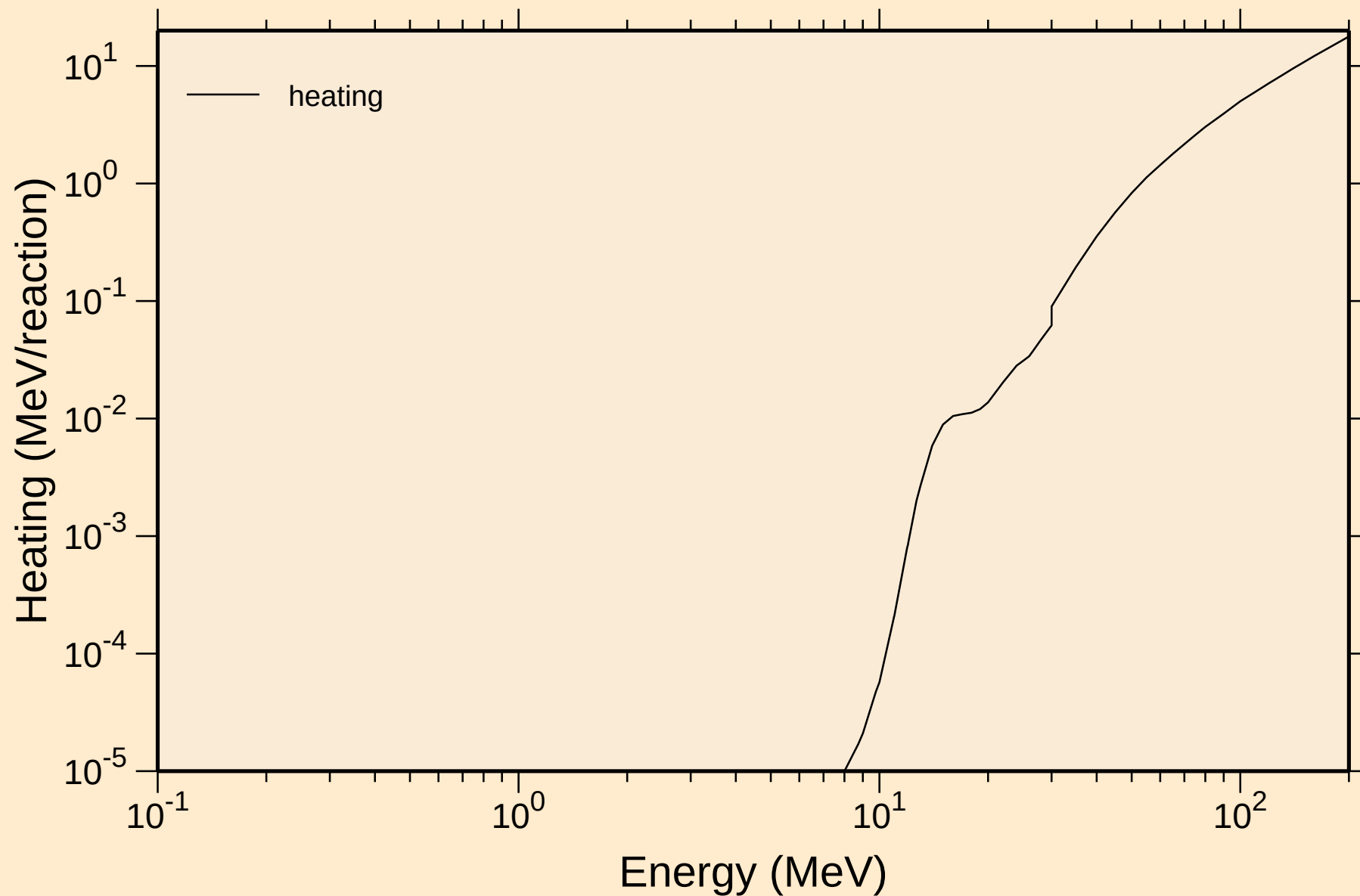
# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



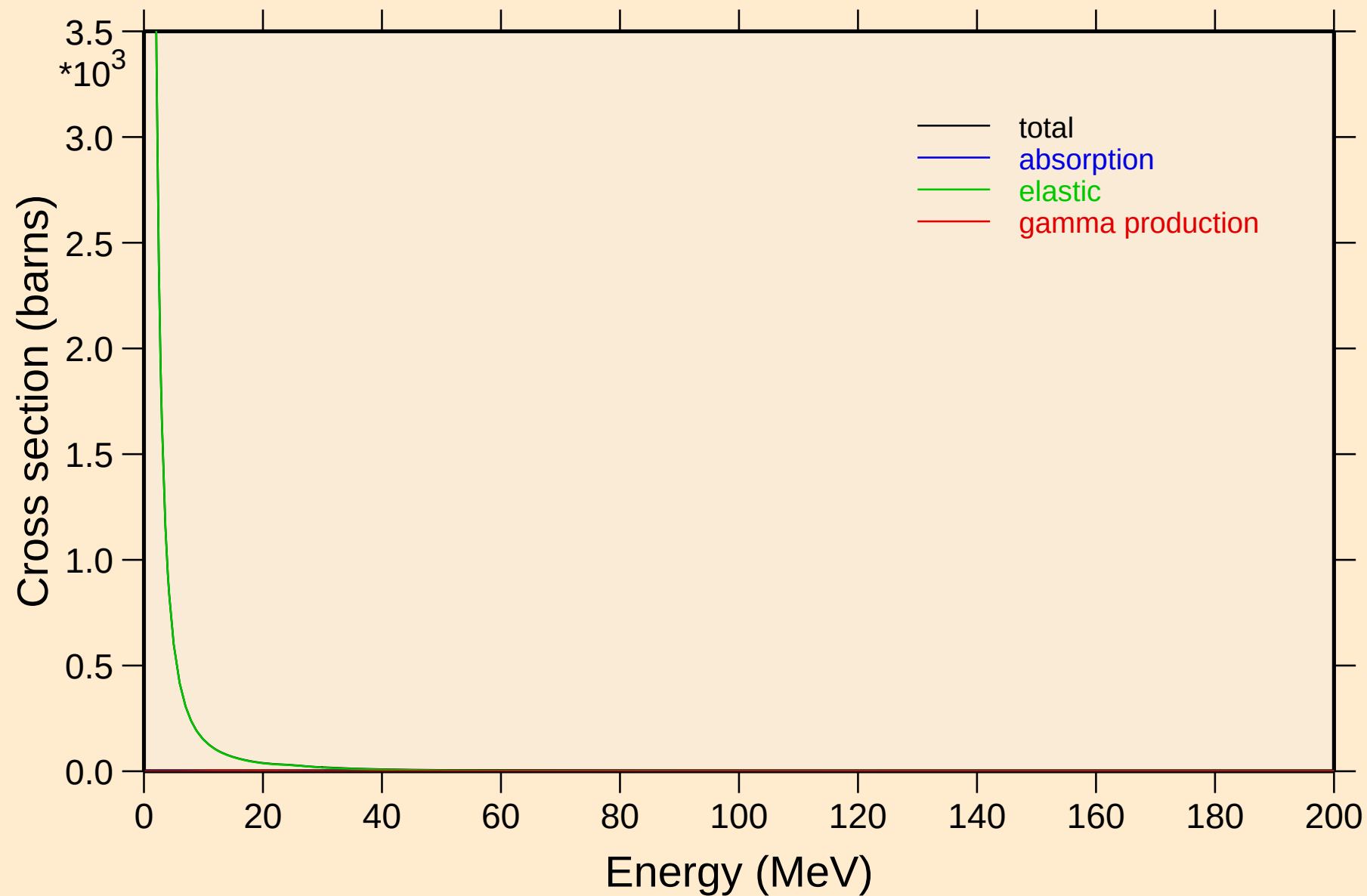
# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



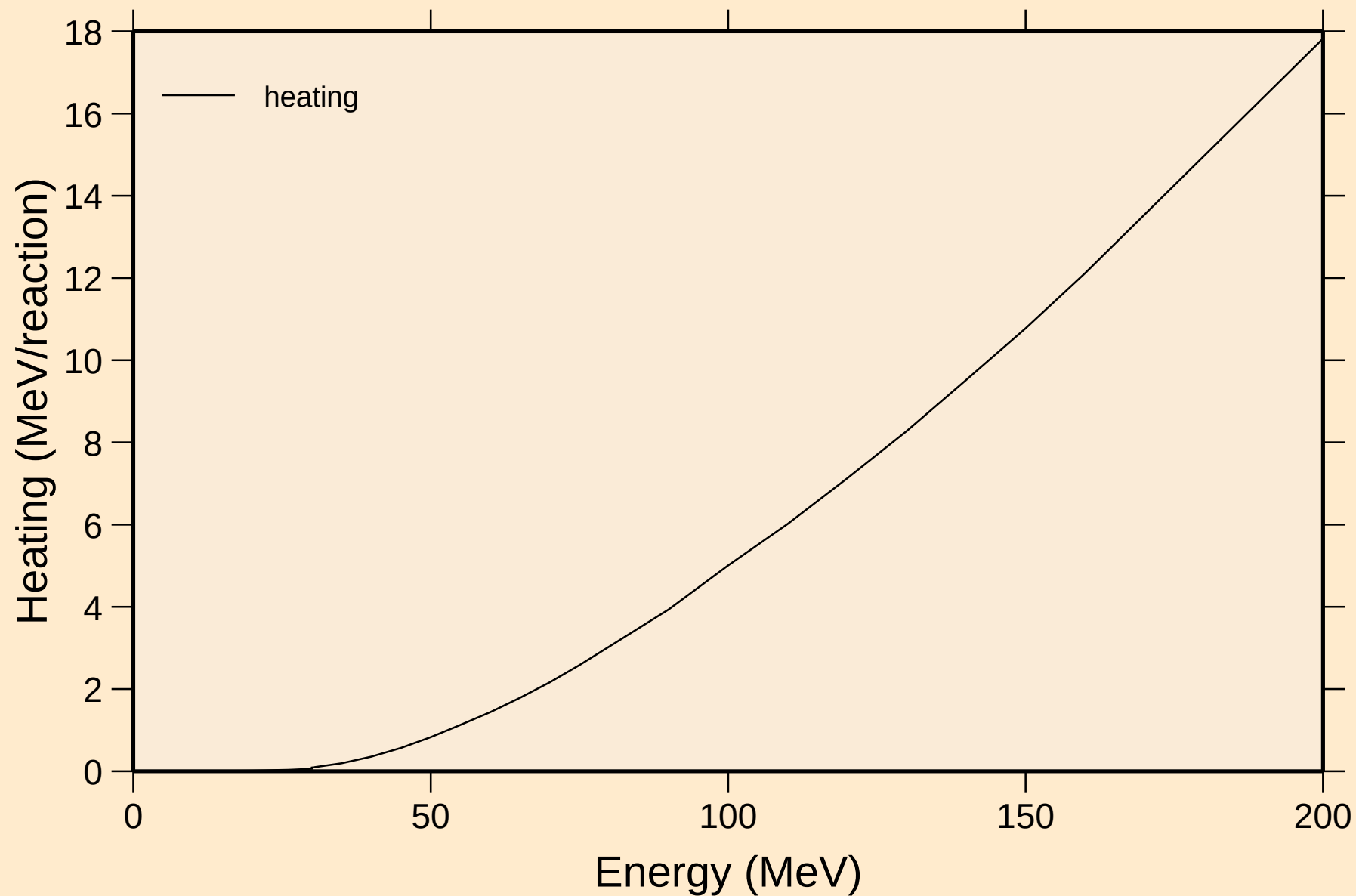
# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



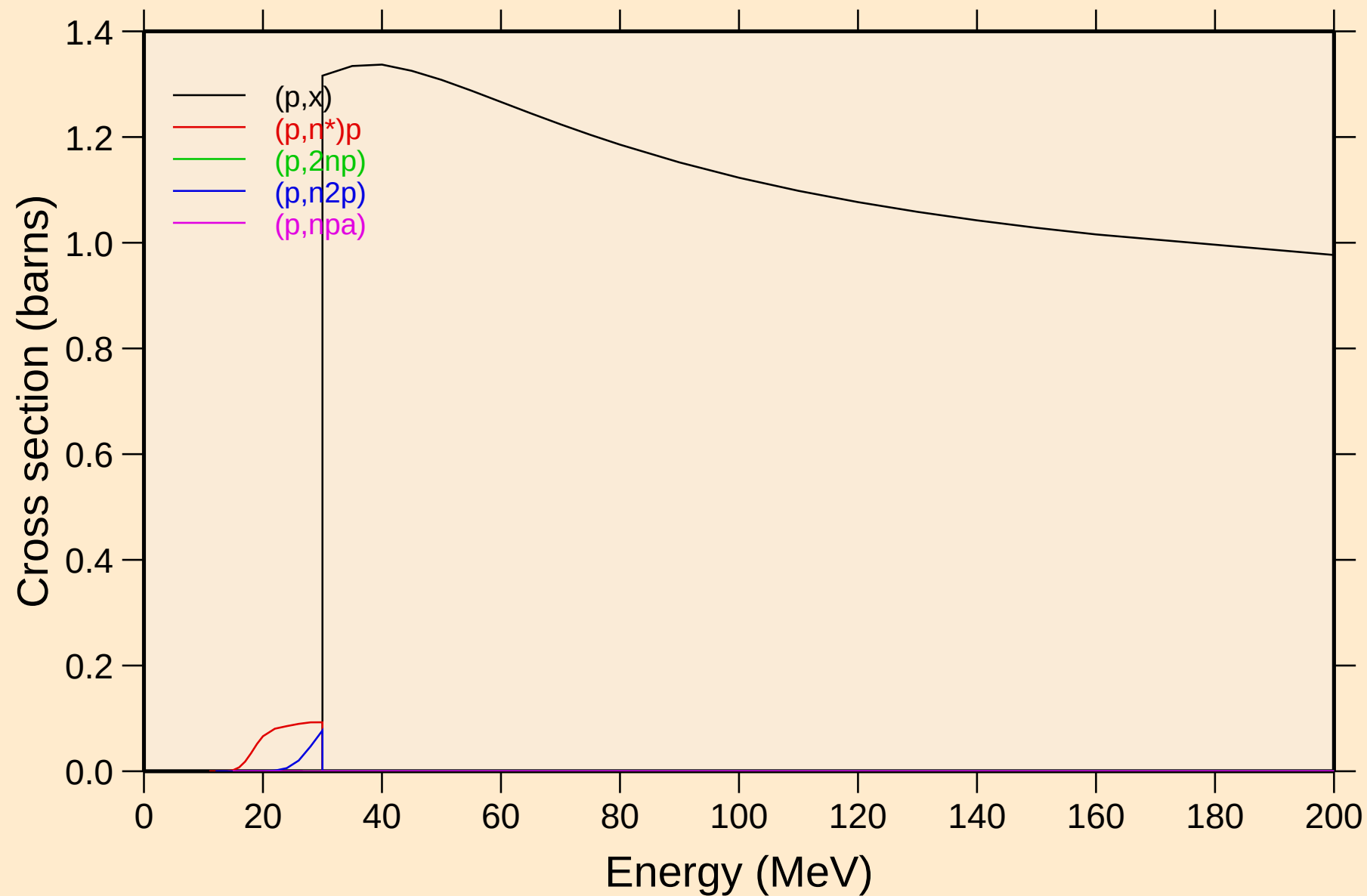
# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

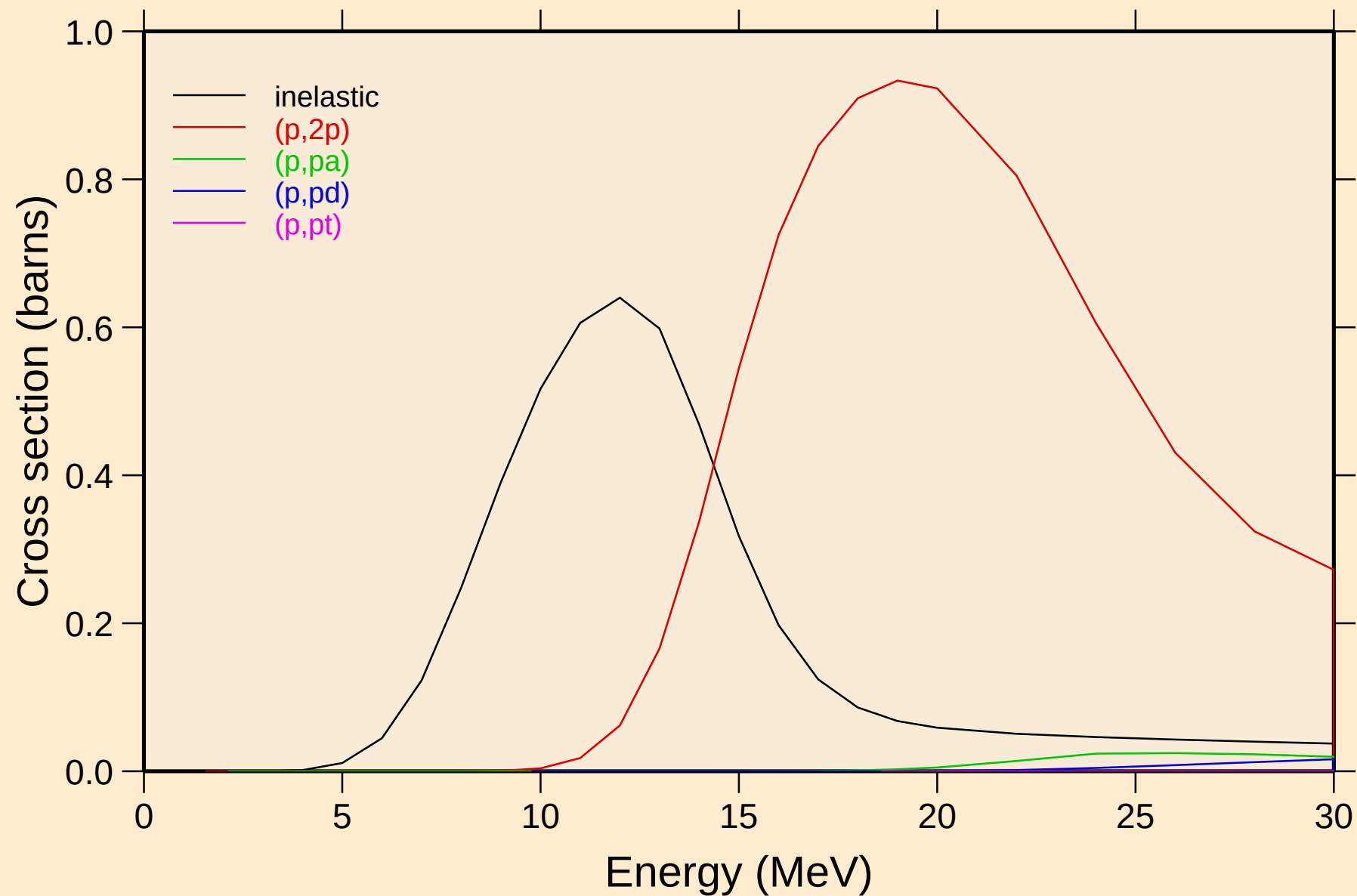


# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

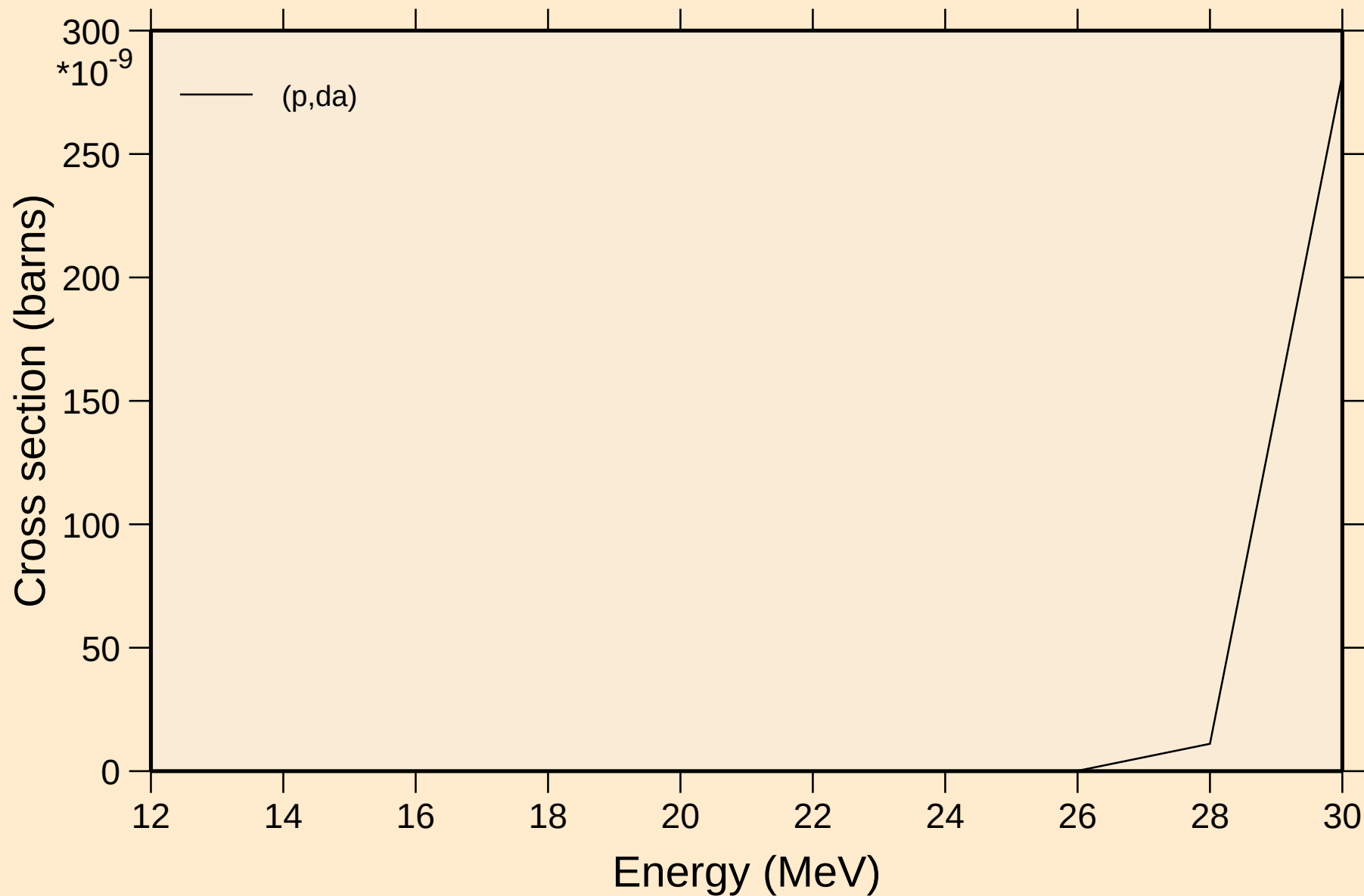


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

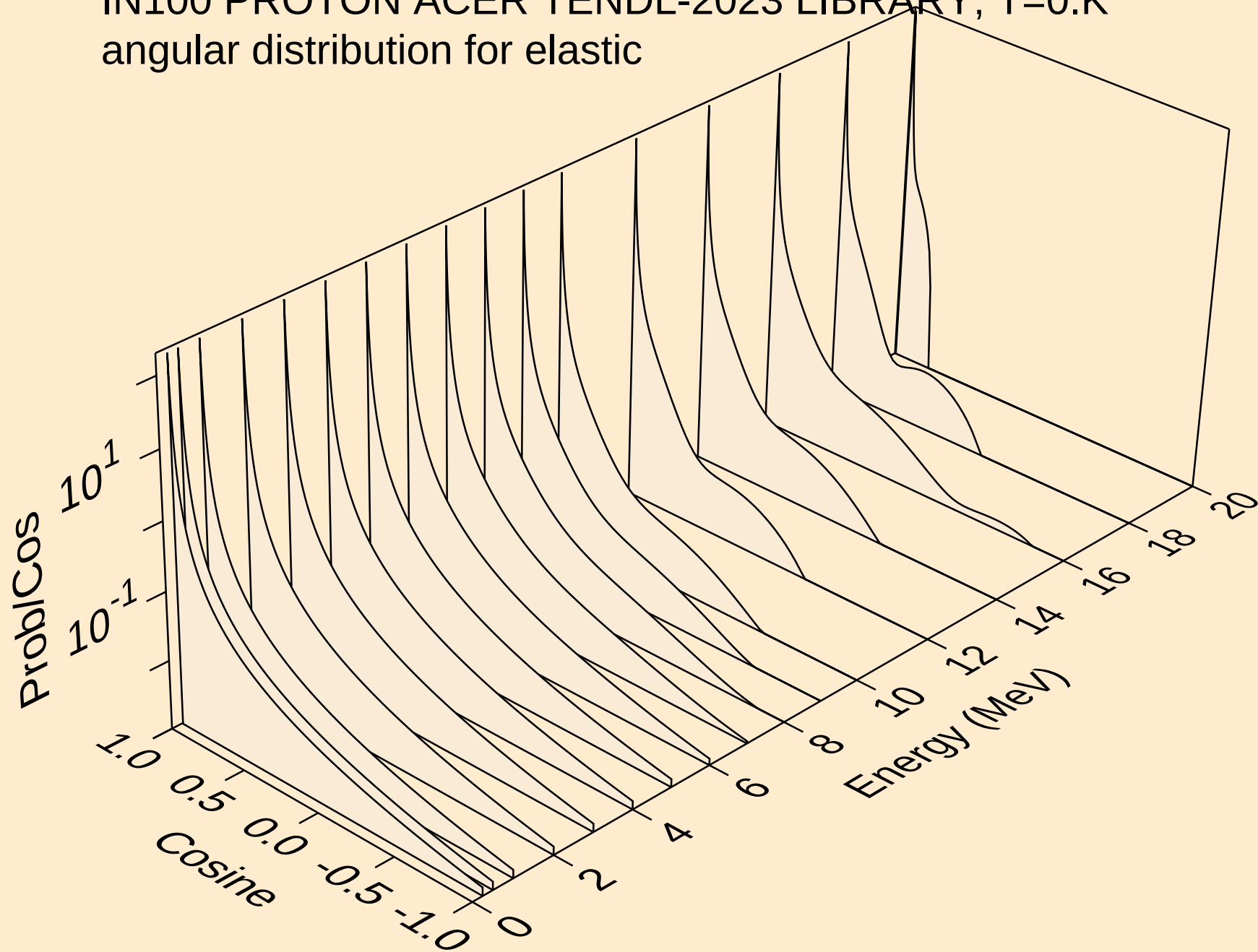


# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

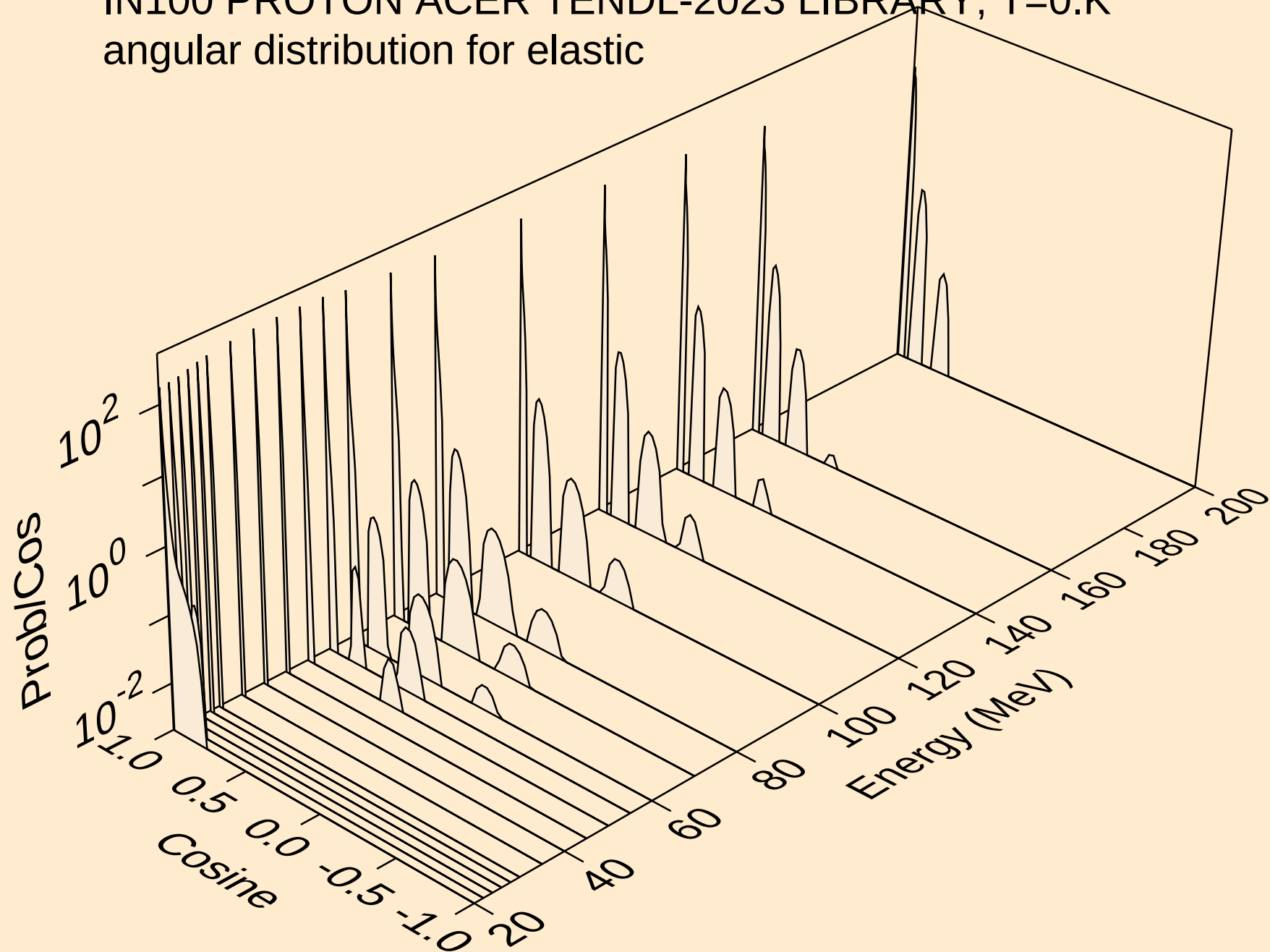


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



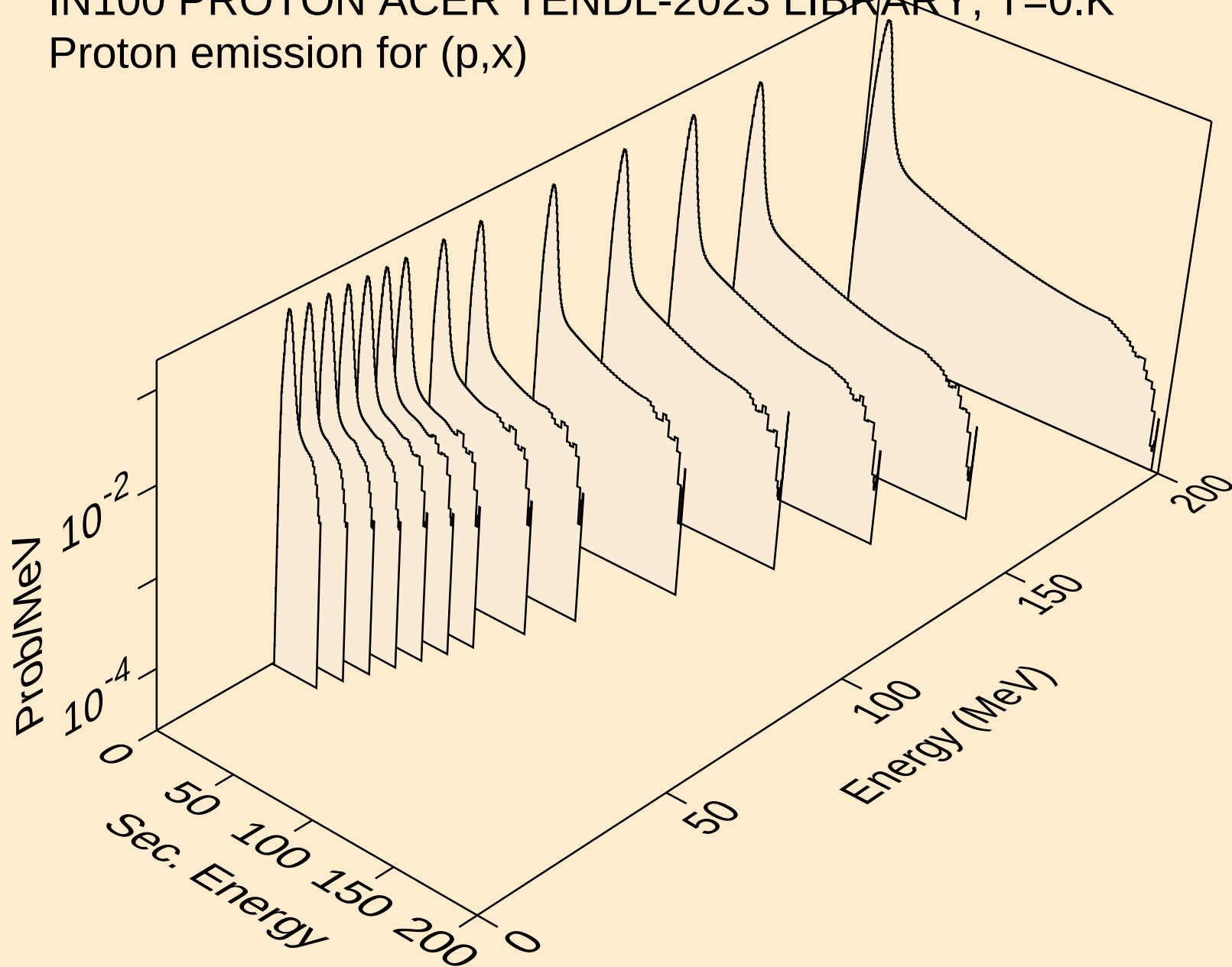


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



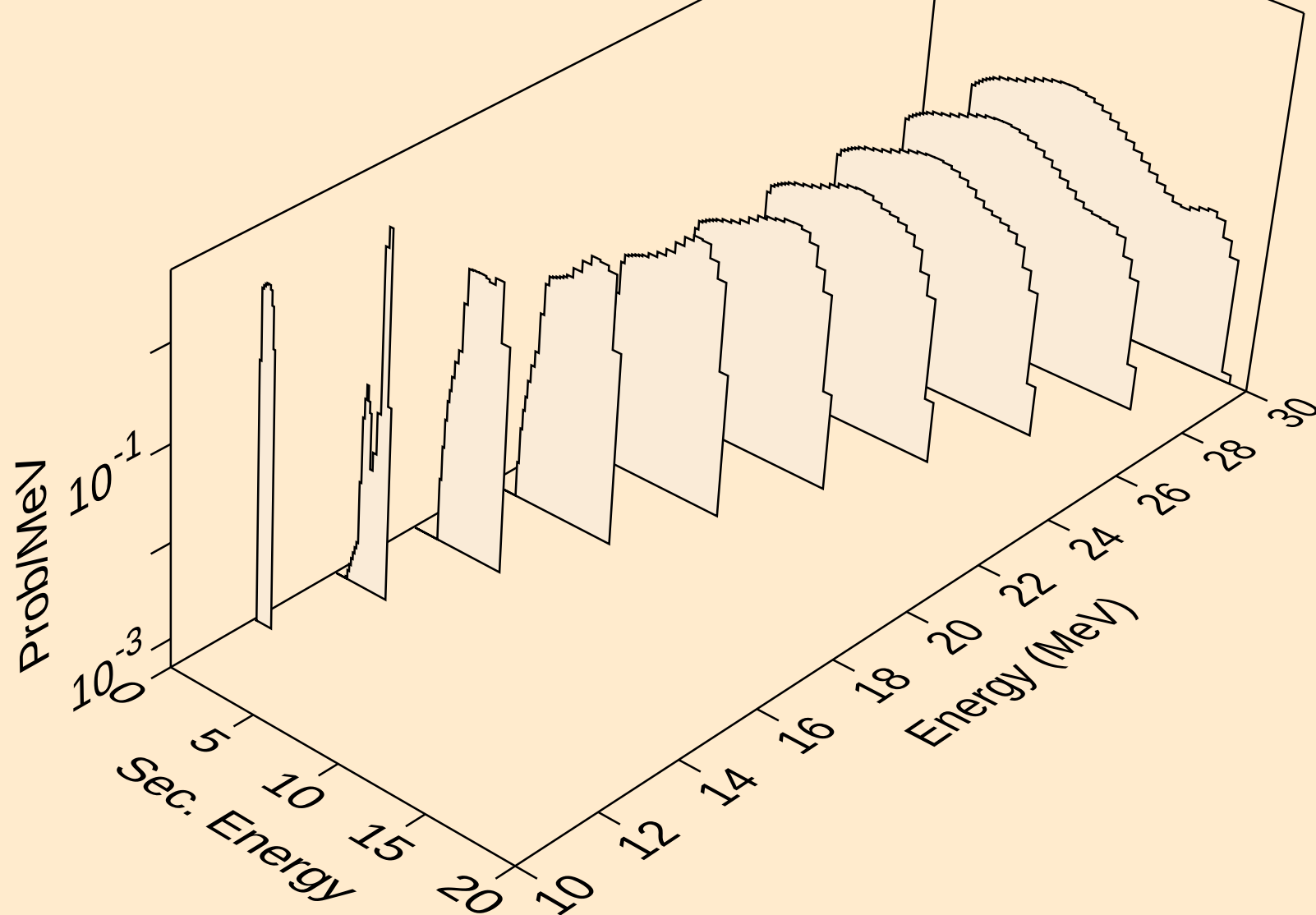
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)



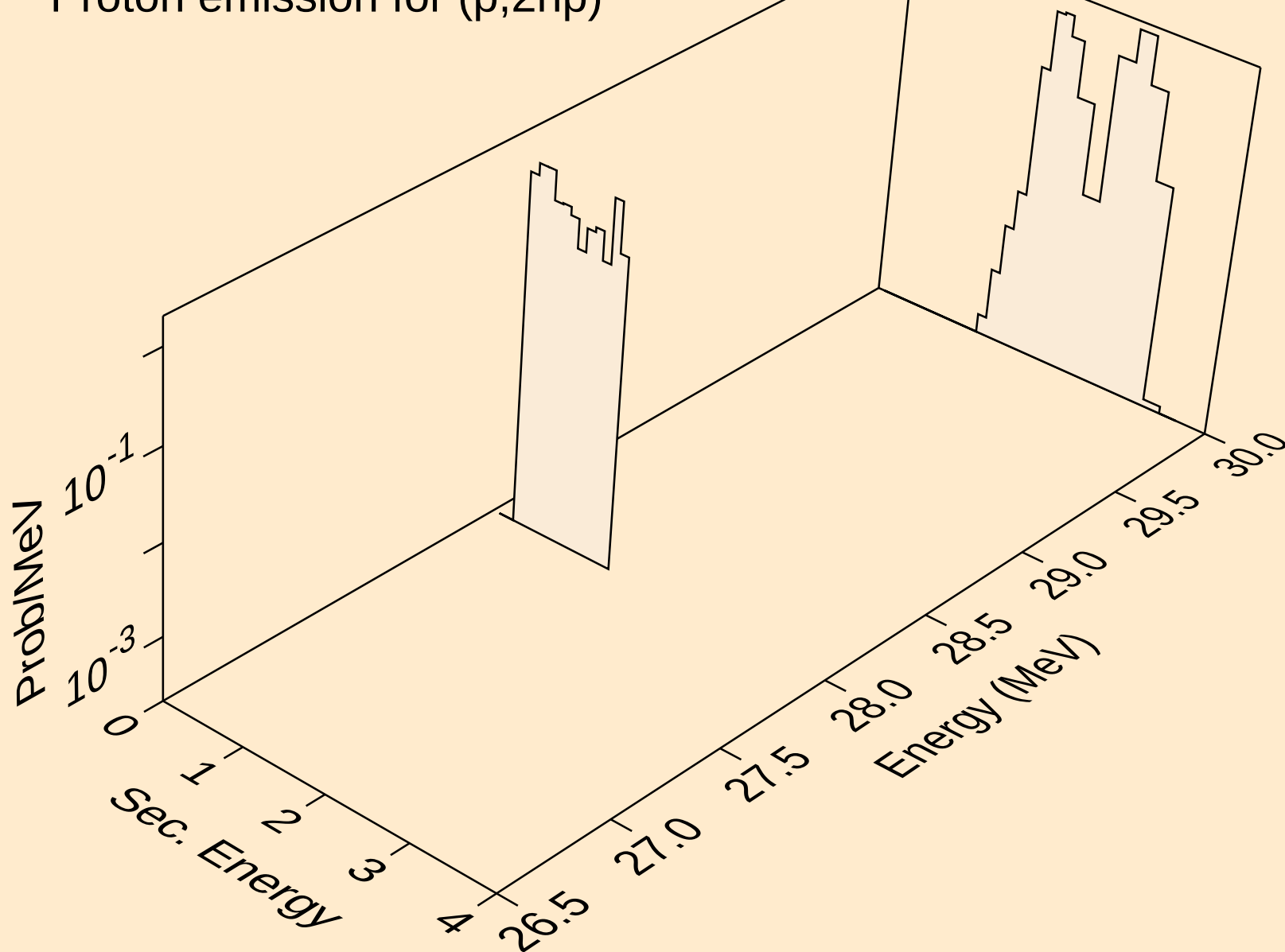
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

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

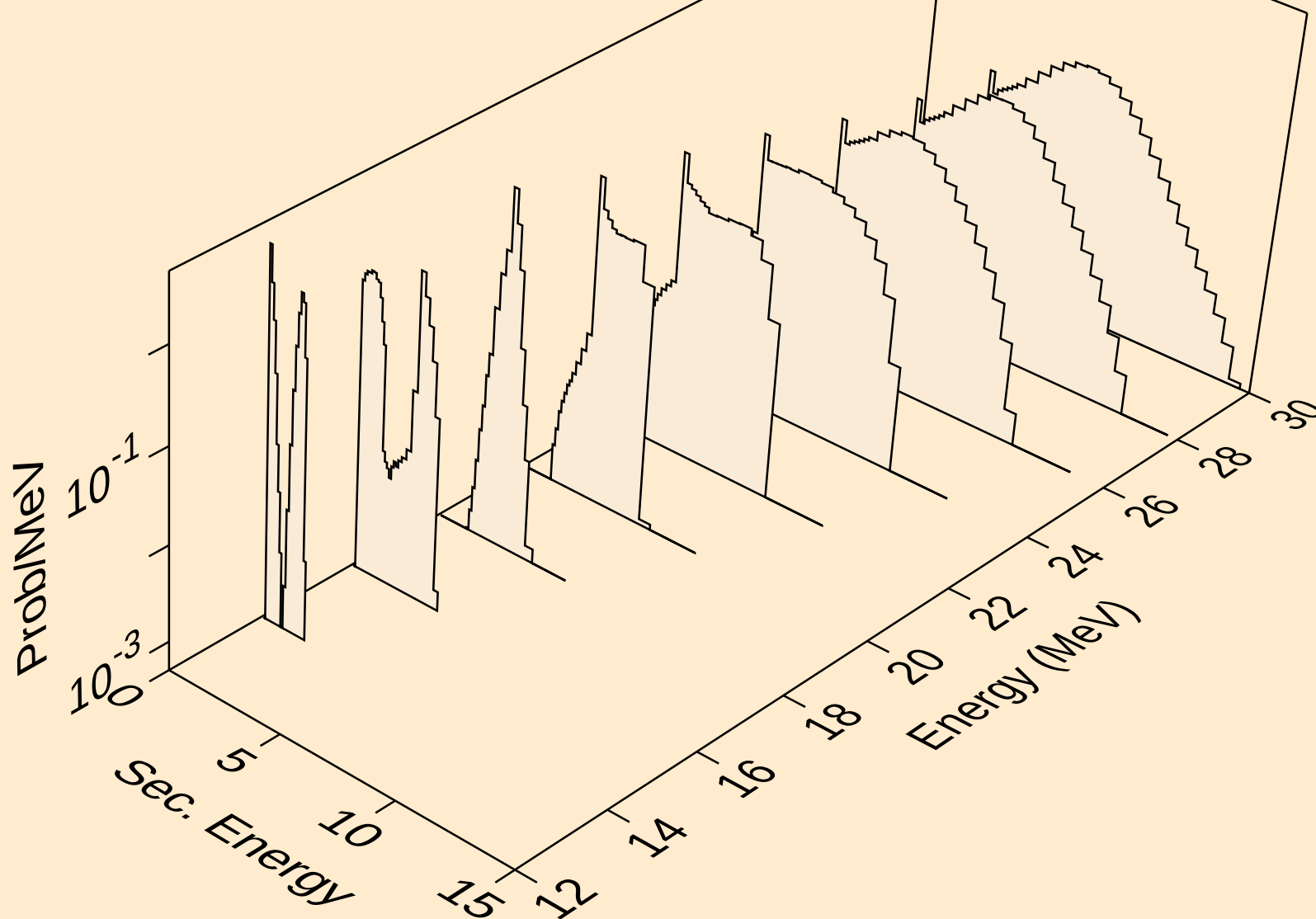


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

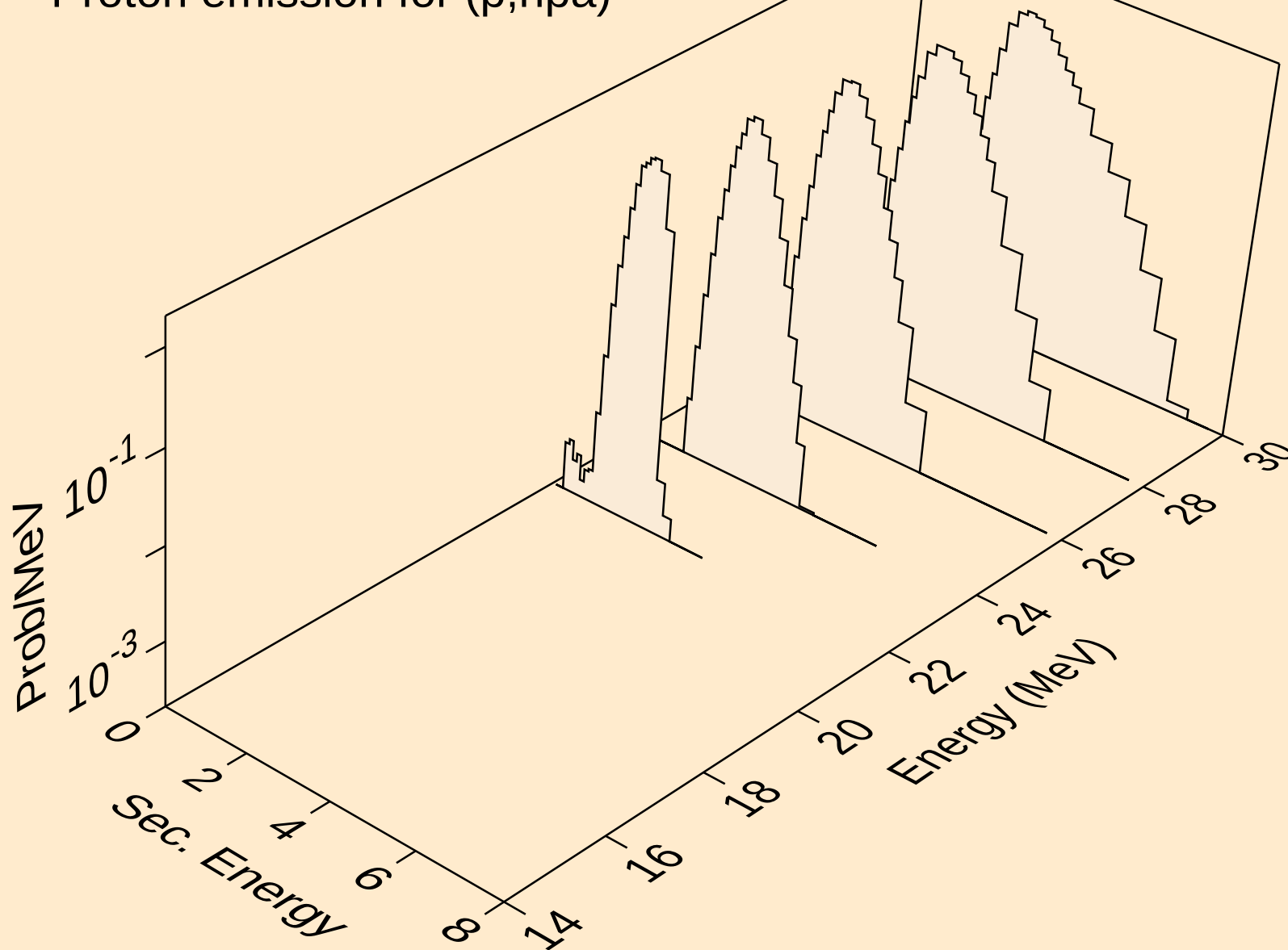
Proton emission for (p,2np)



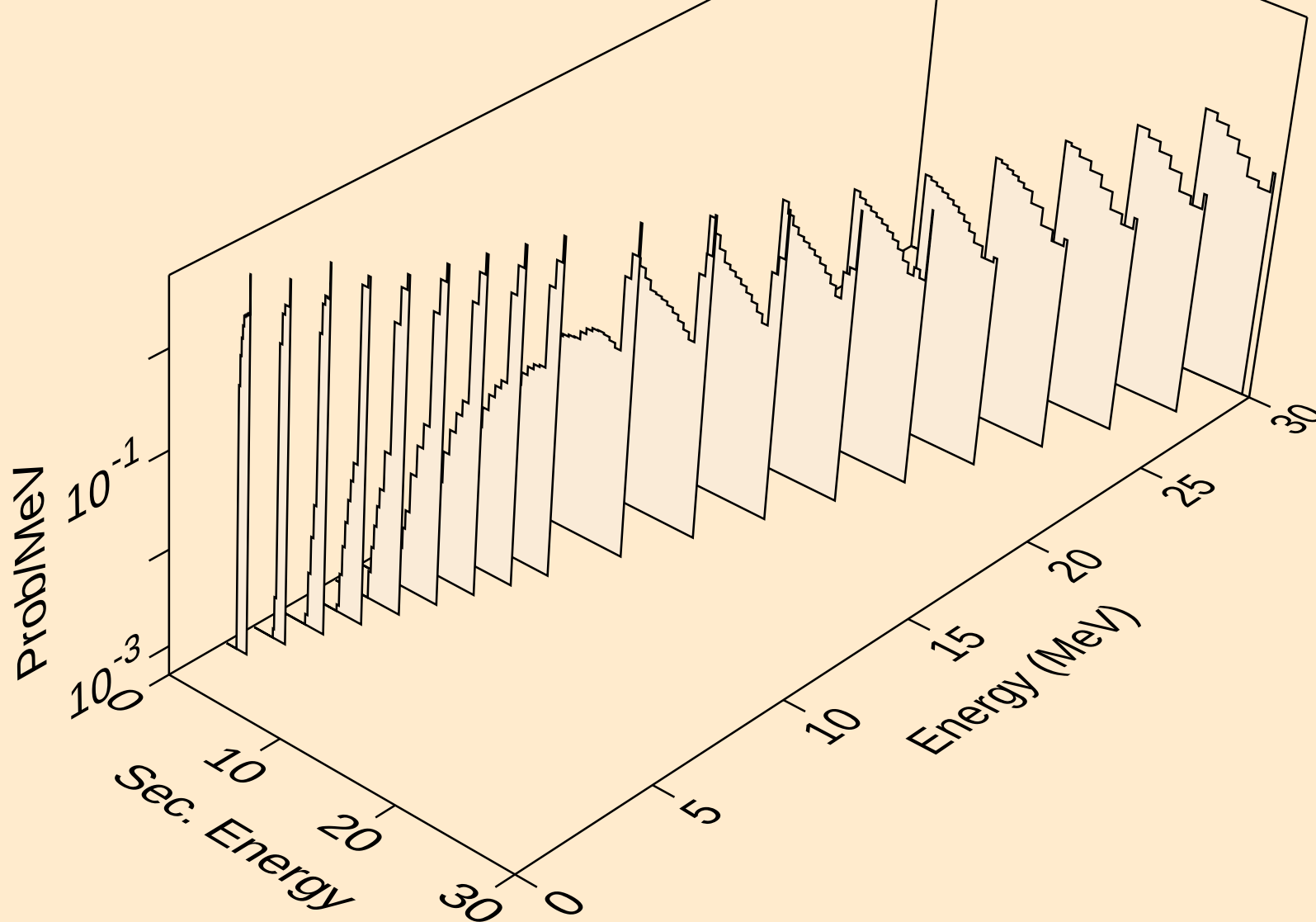
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



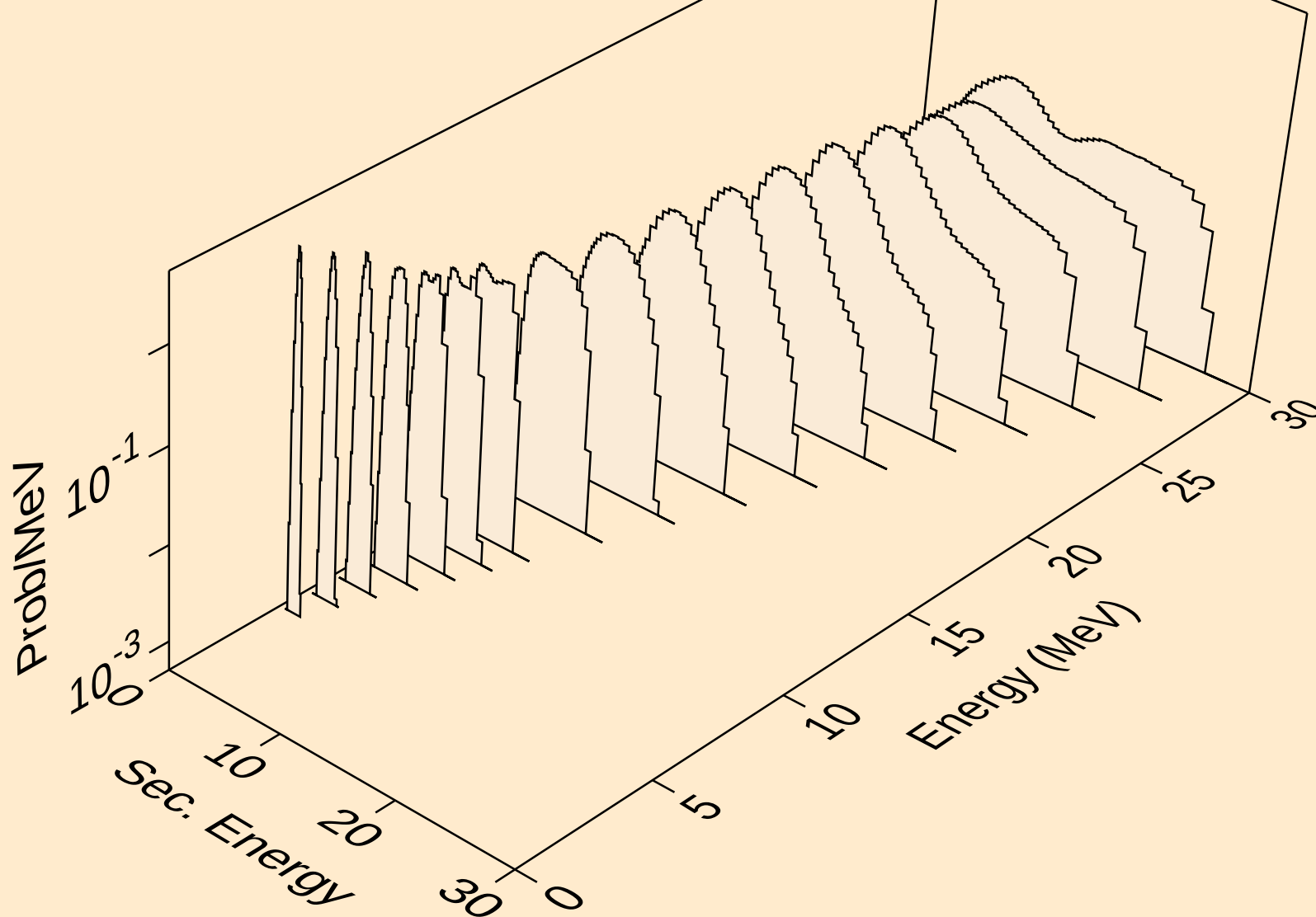
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

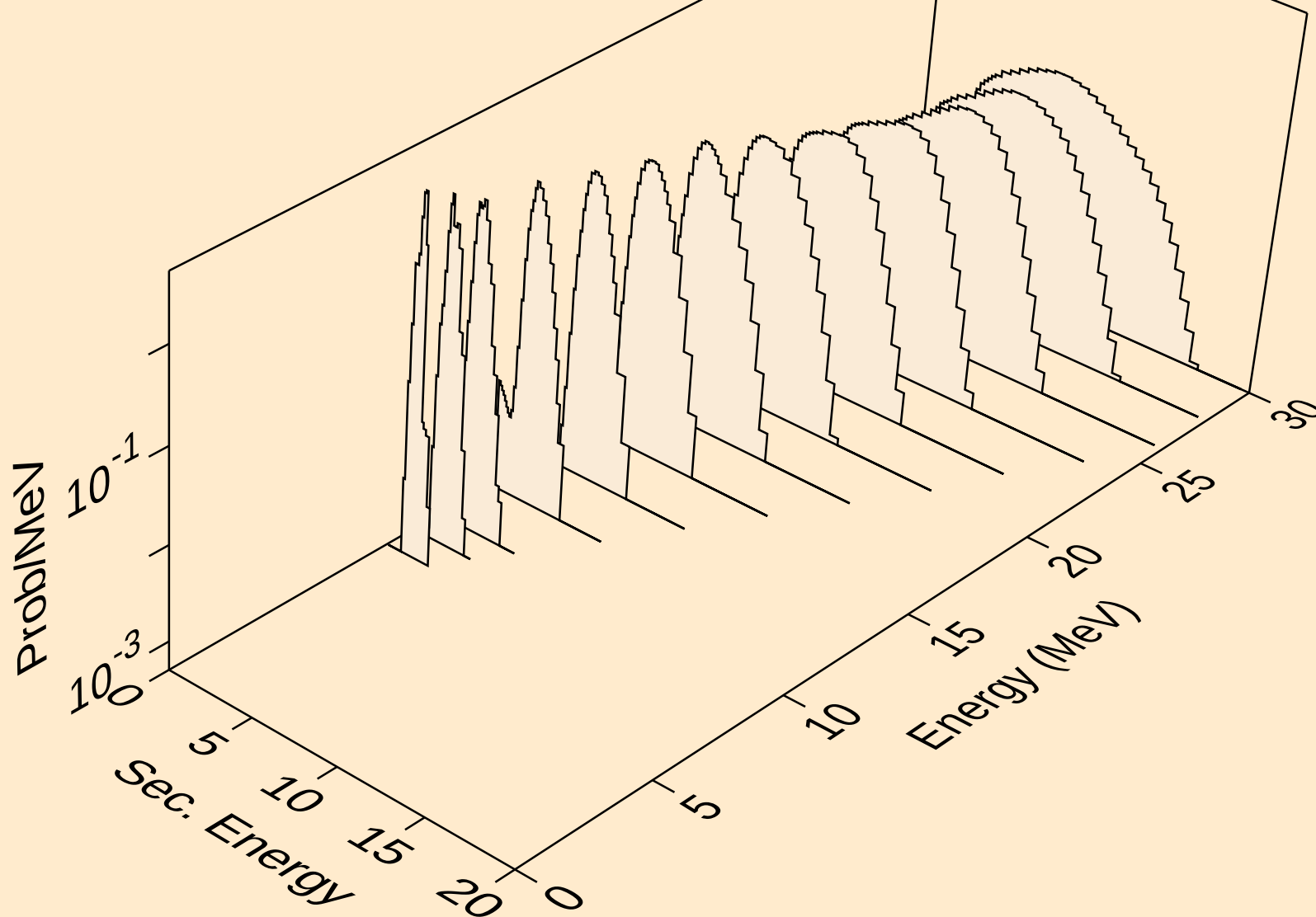


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

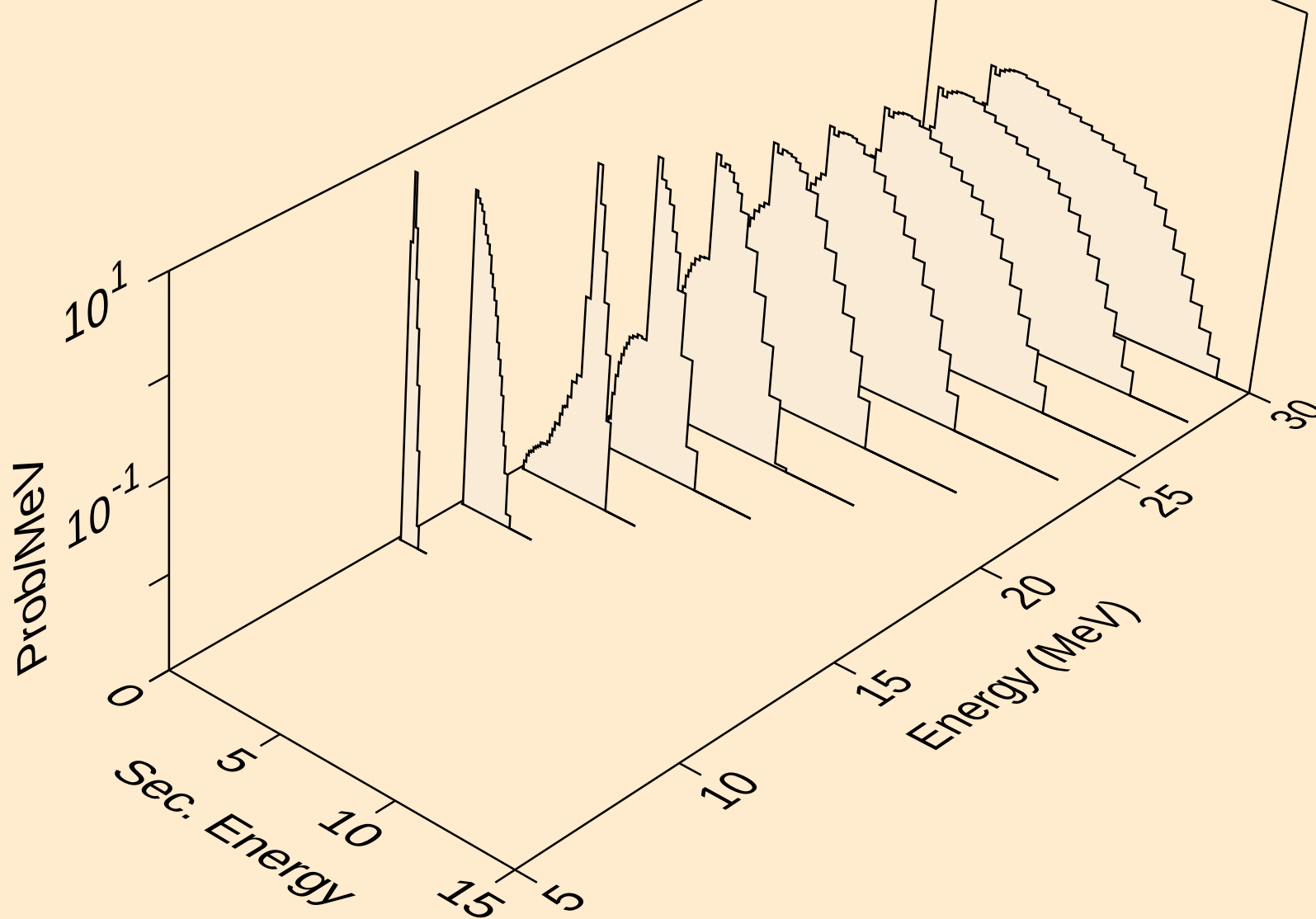




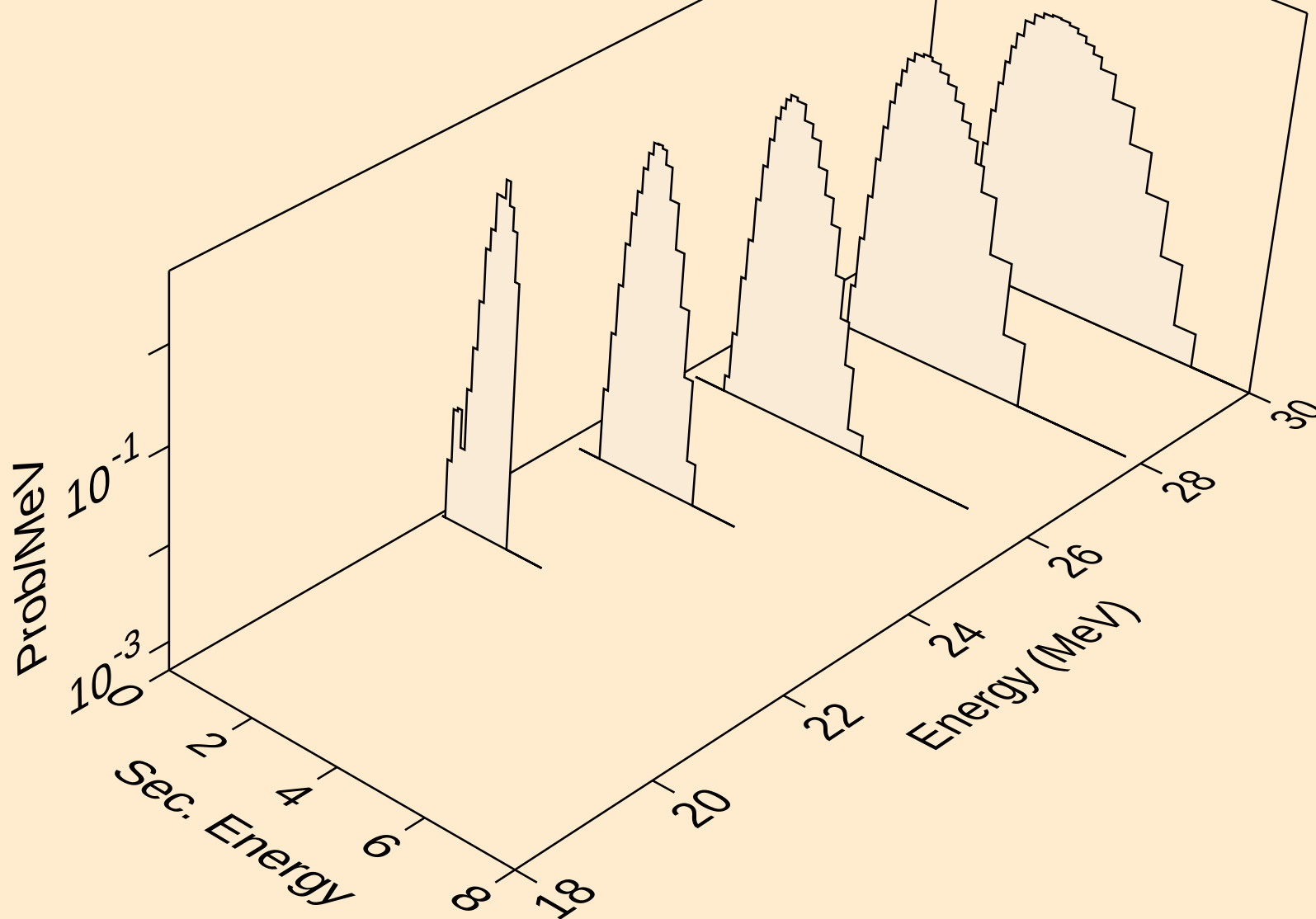
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



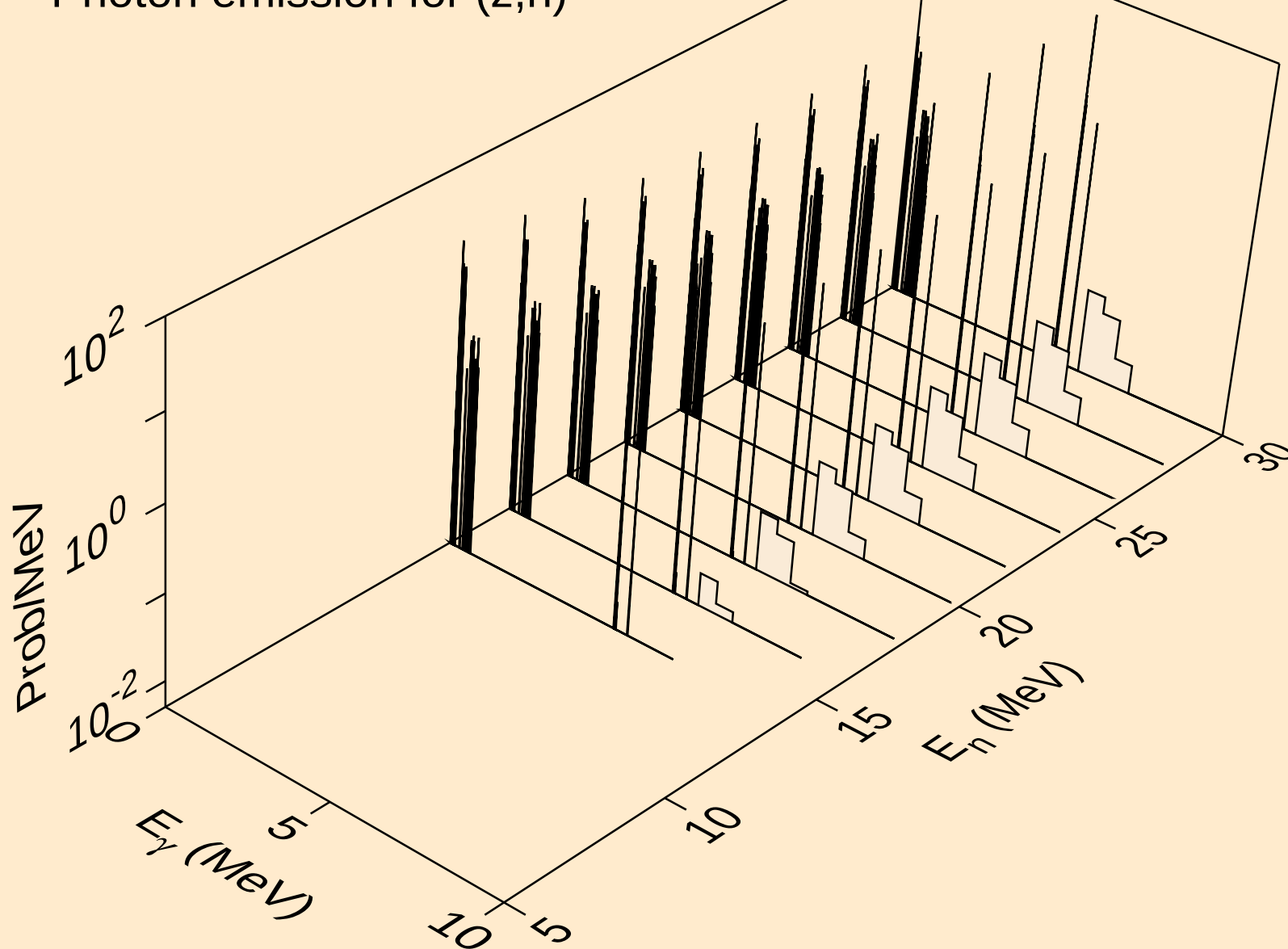
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)

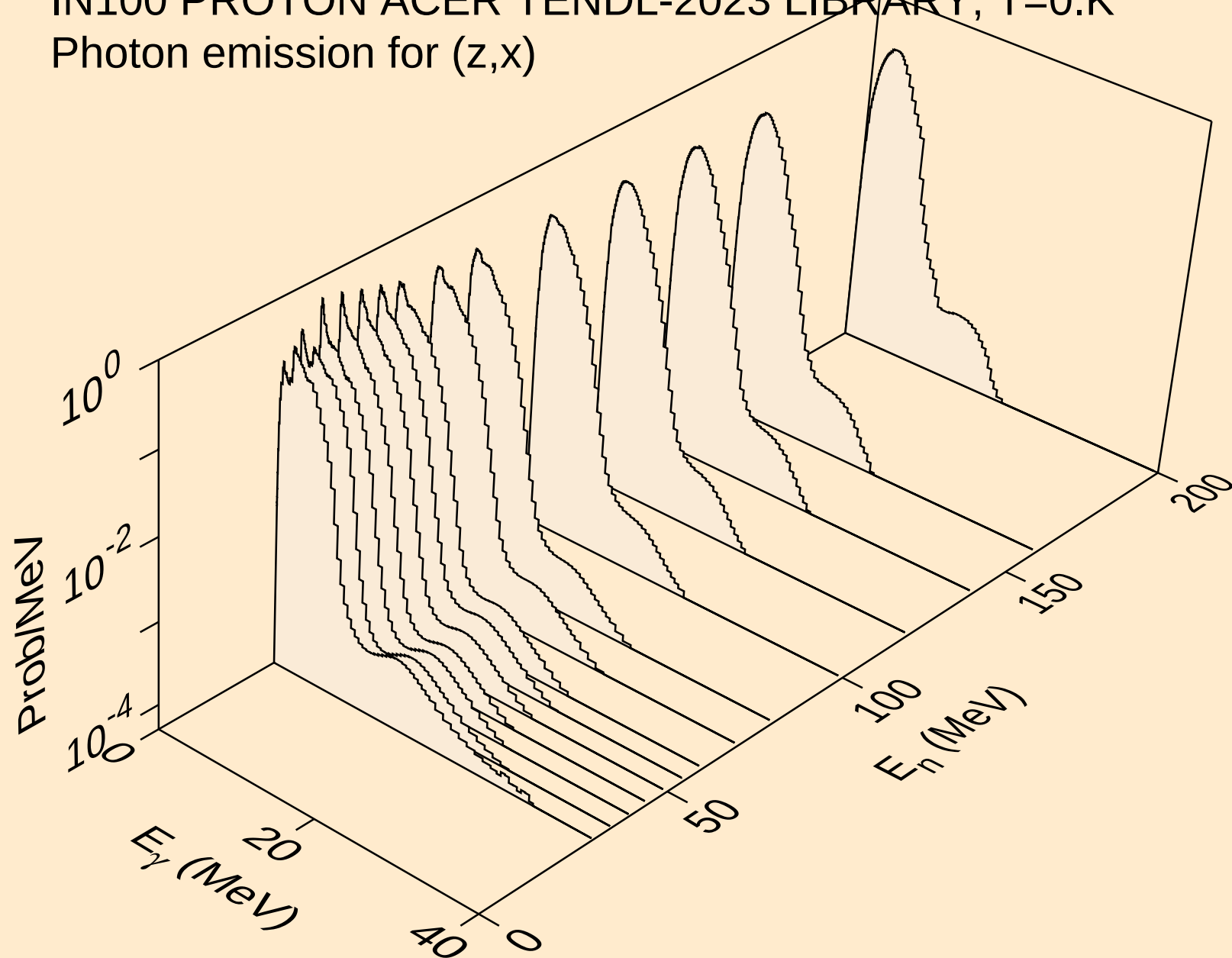


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

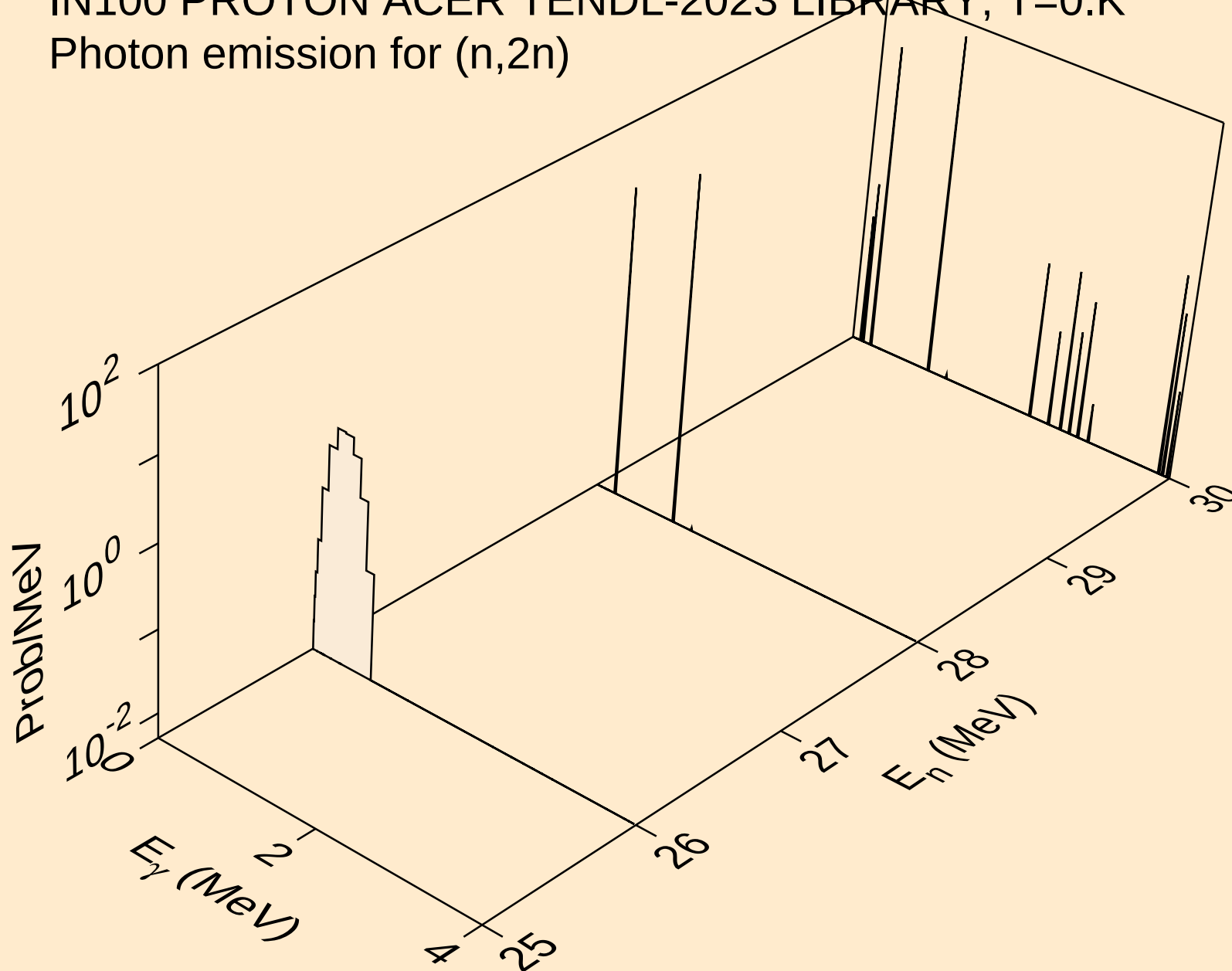


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

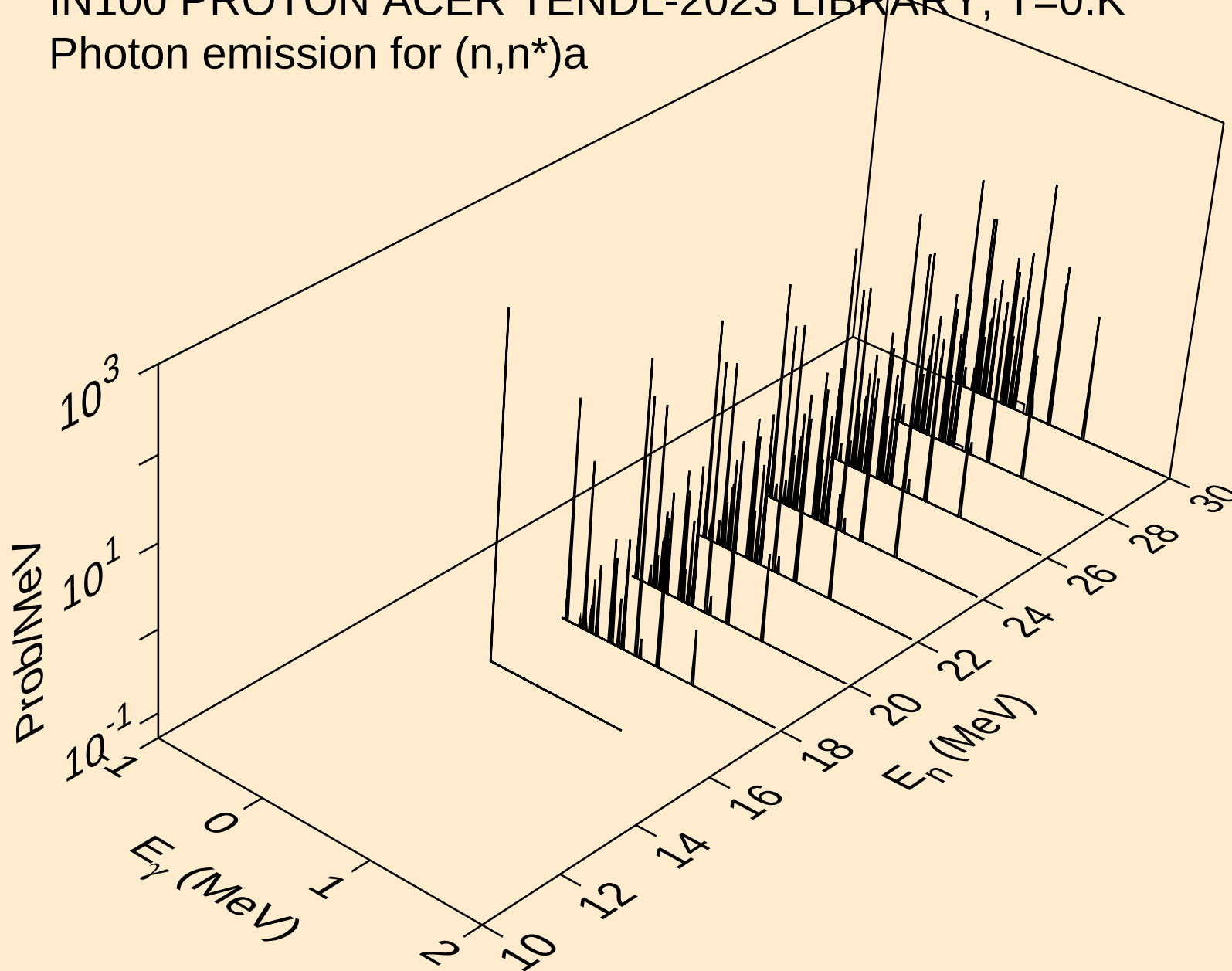


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



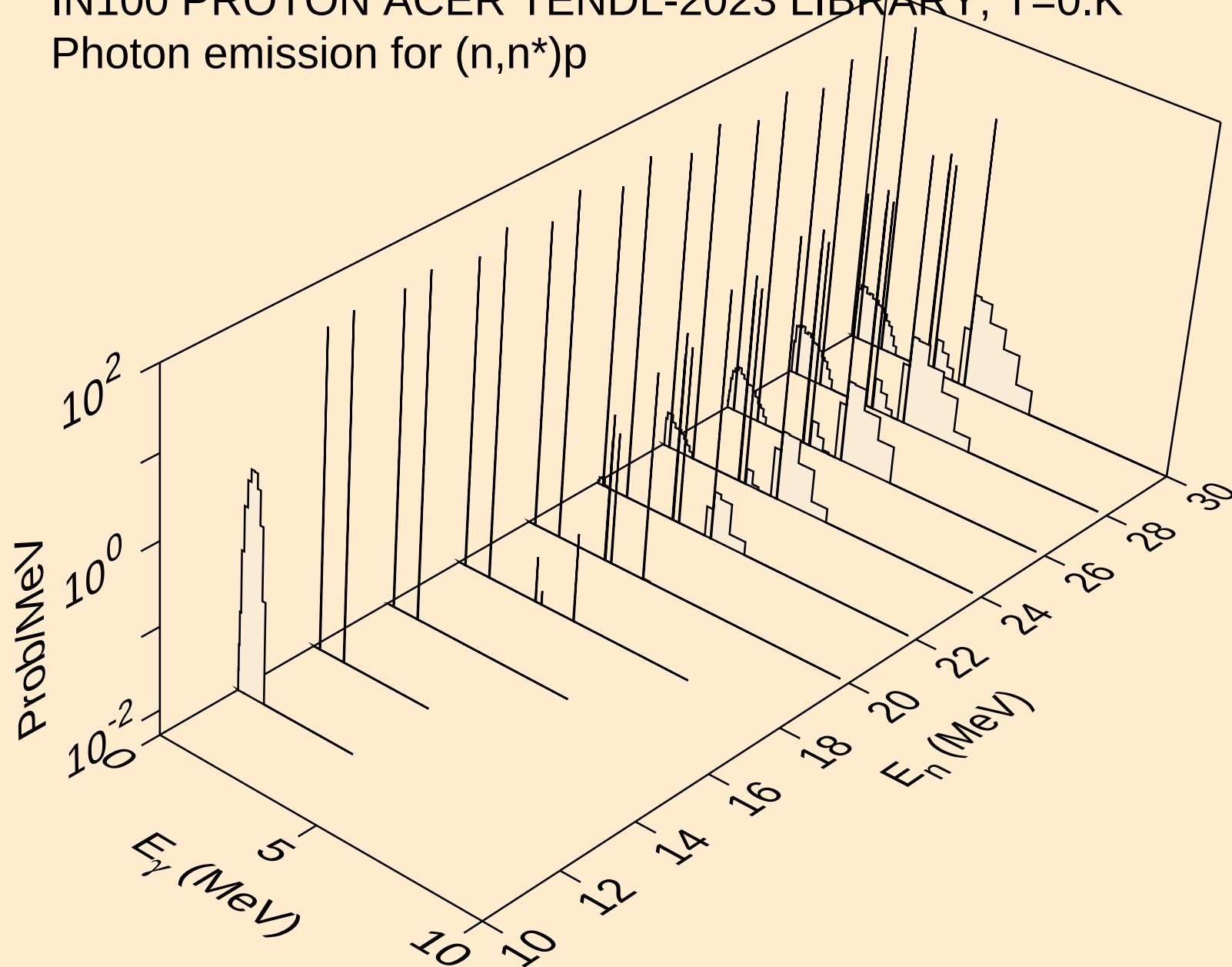
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

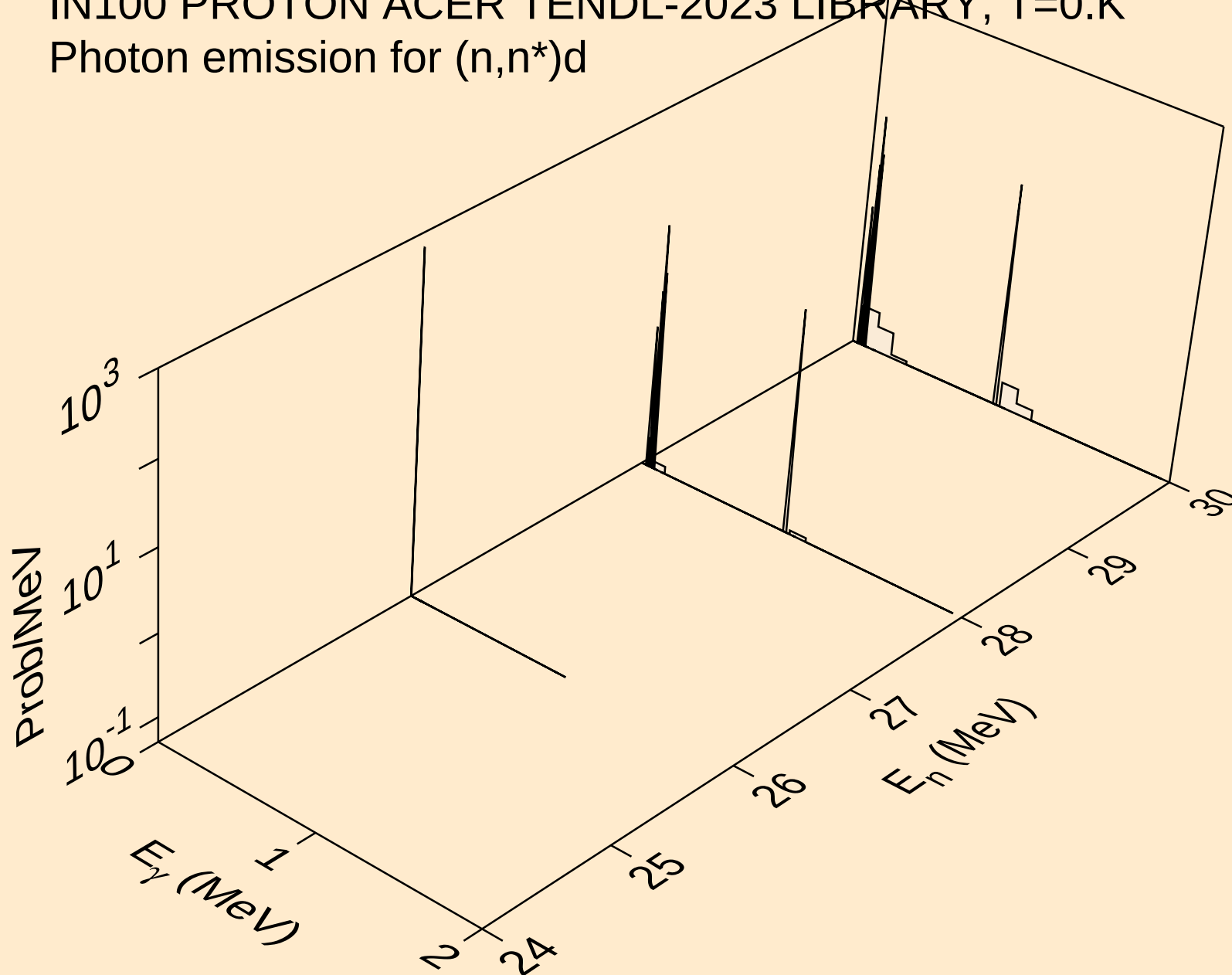
Photon emission for (n,n\*)p



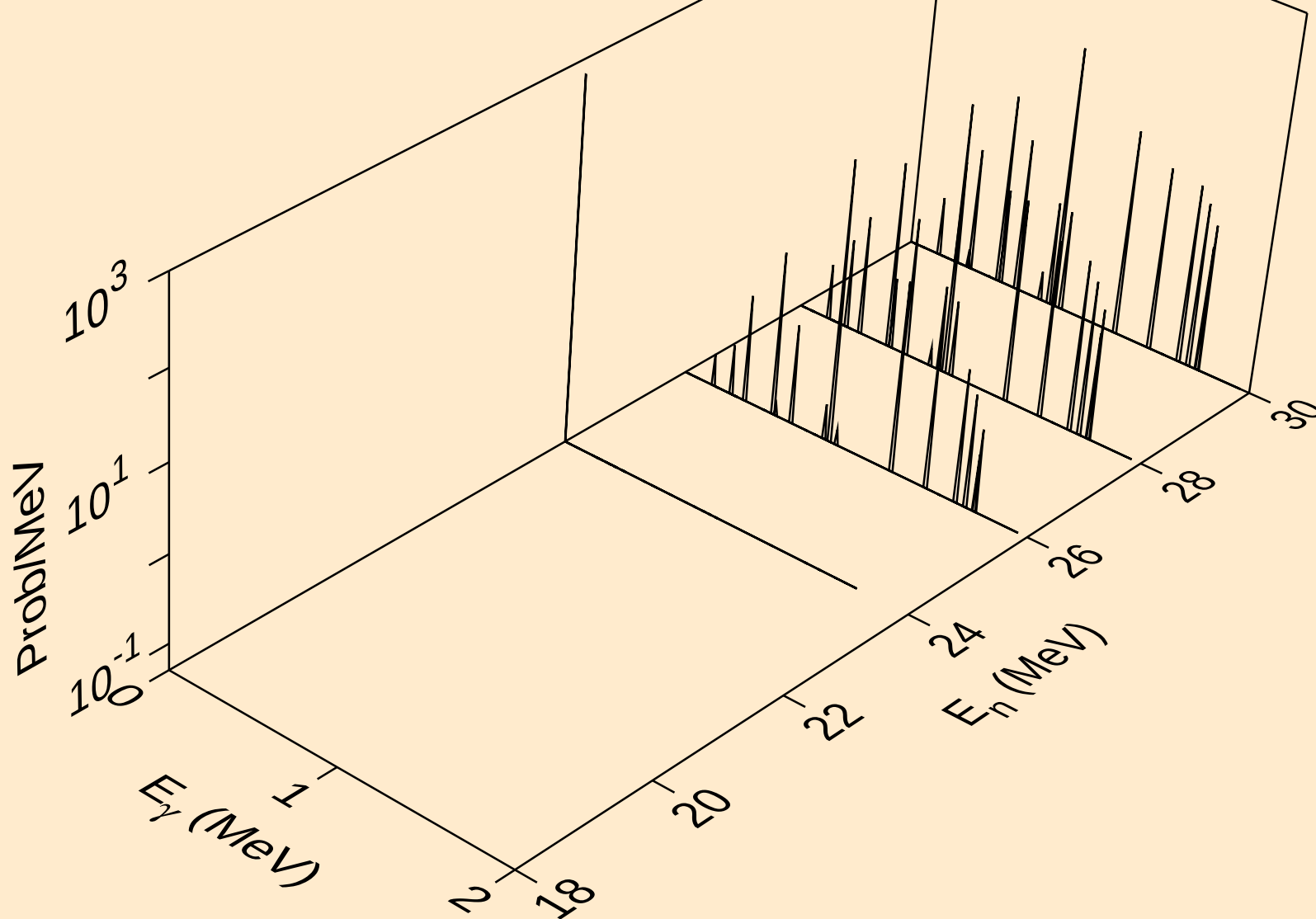


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

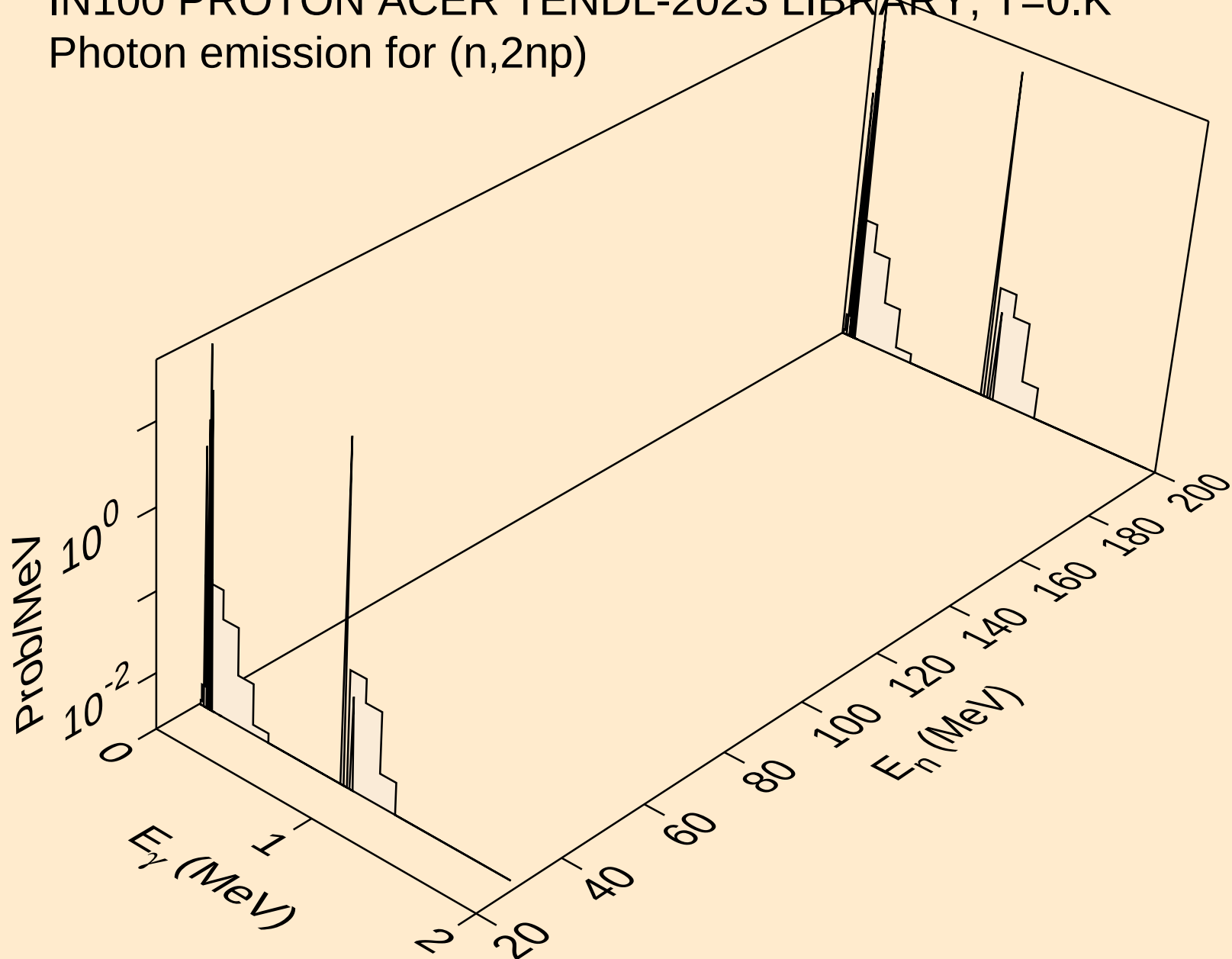
Photon emission for (n,n\*)d



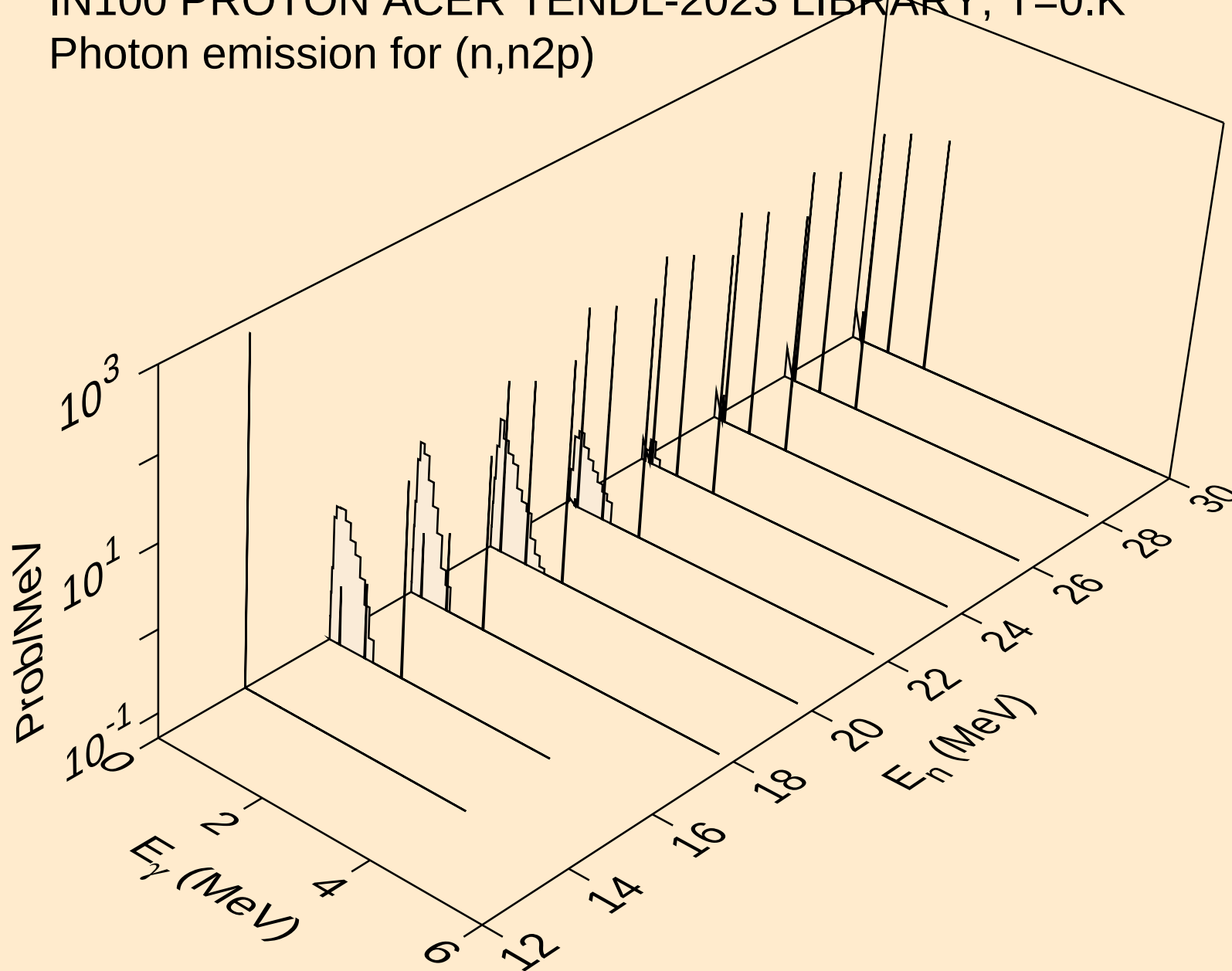
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



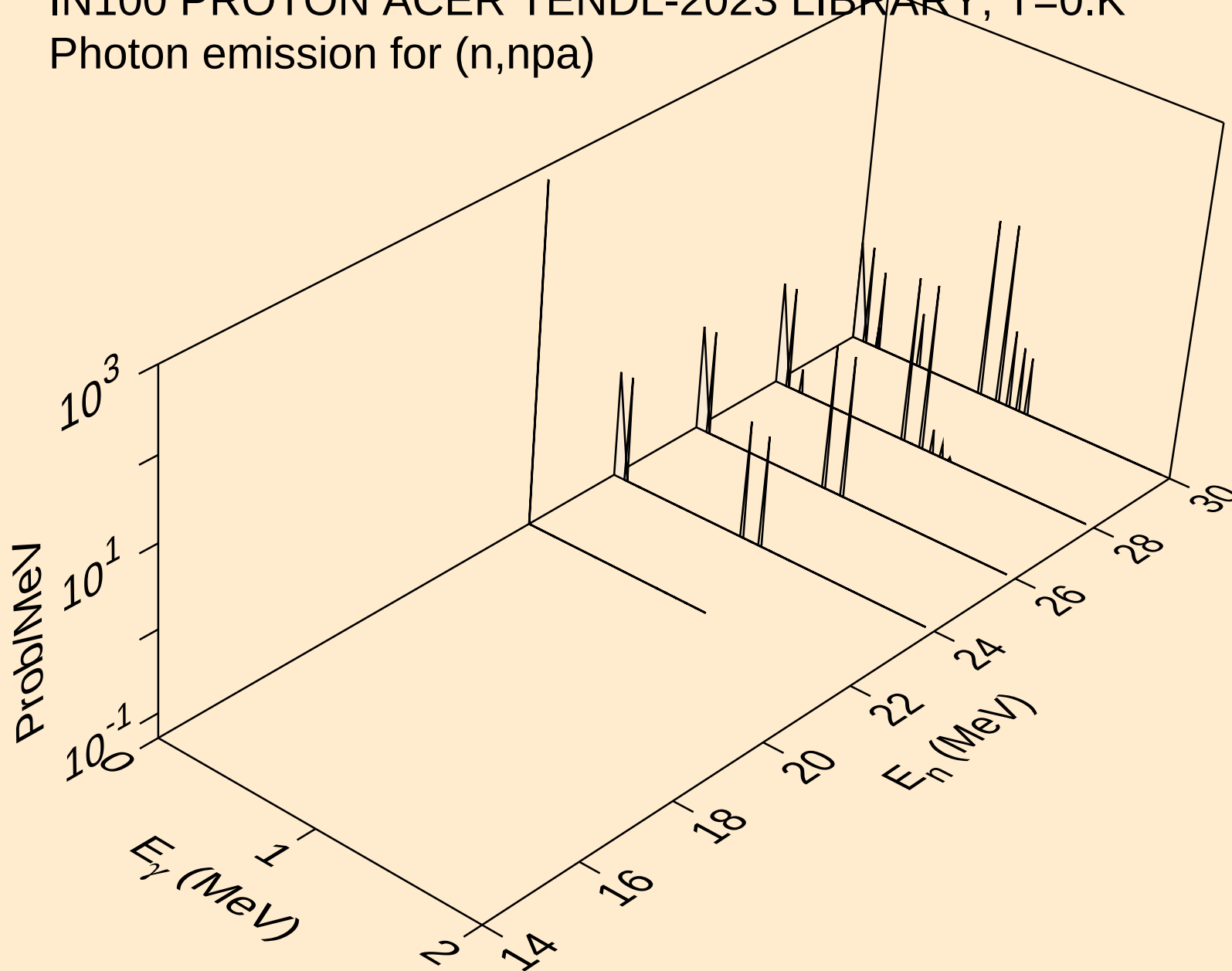
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



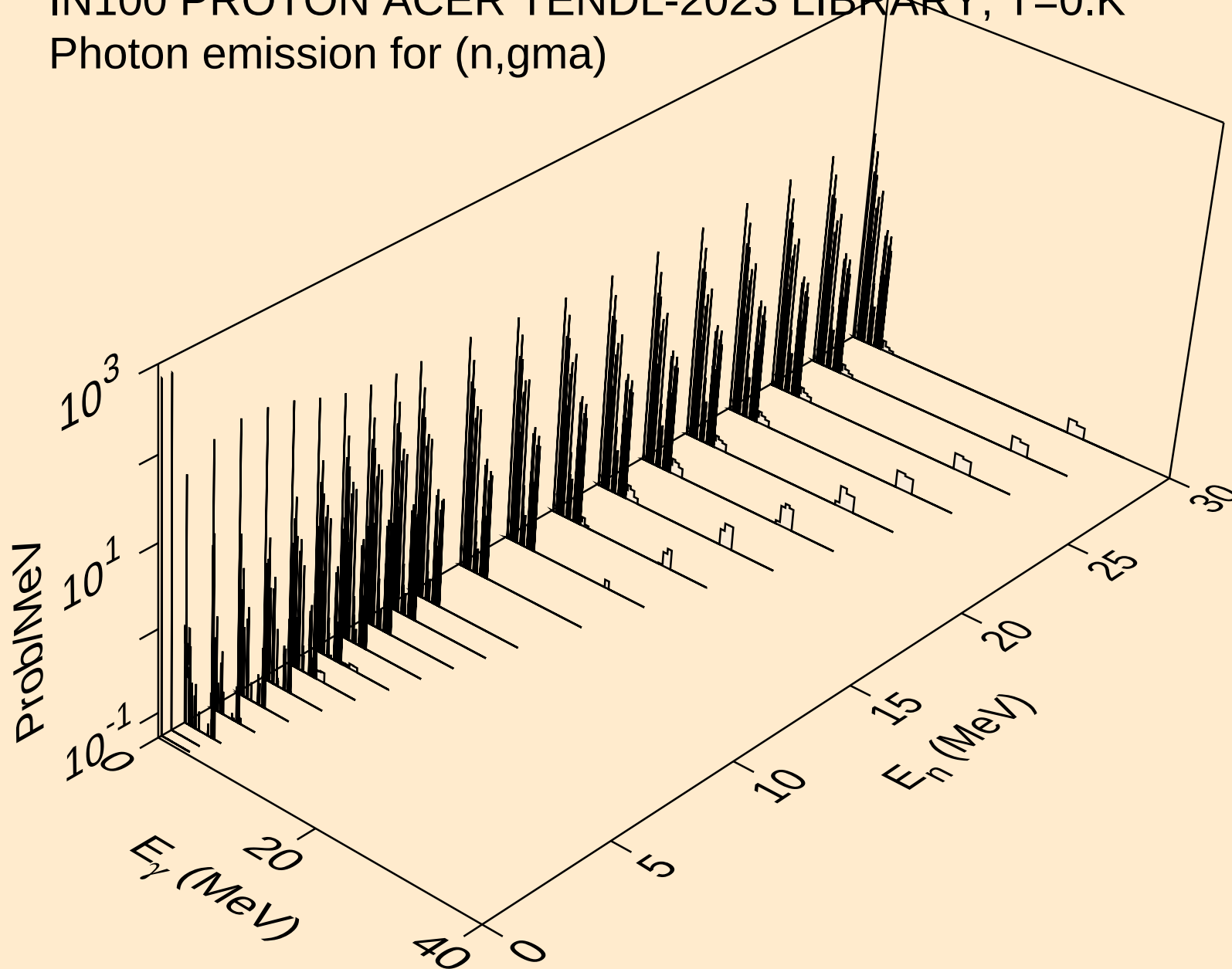
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



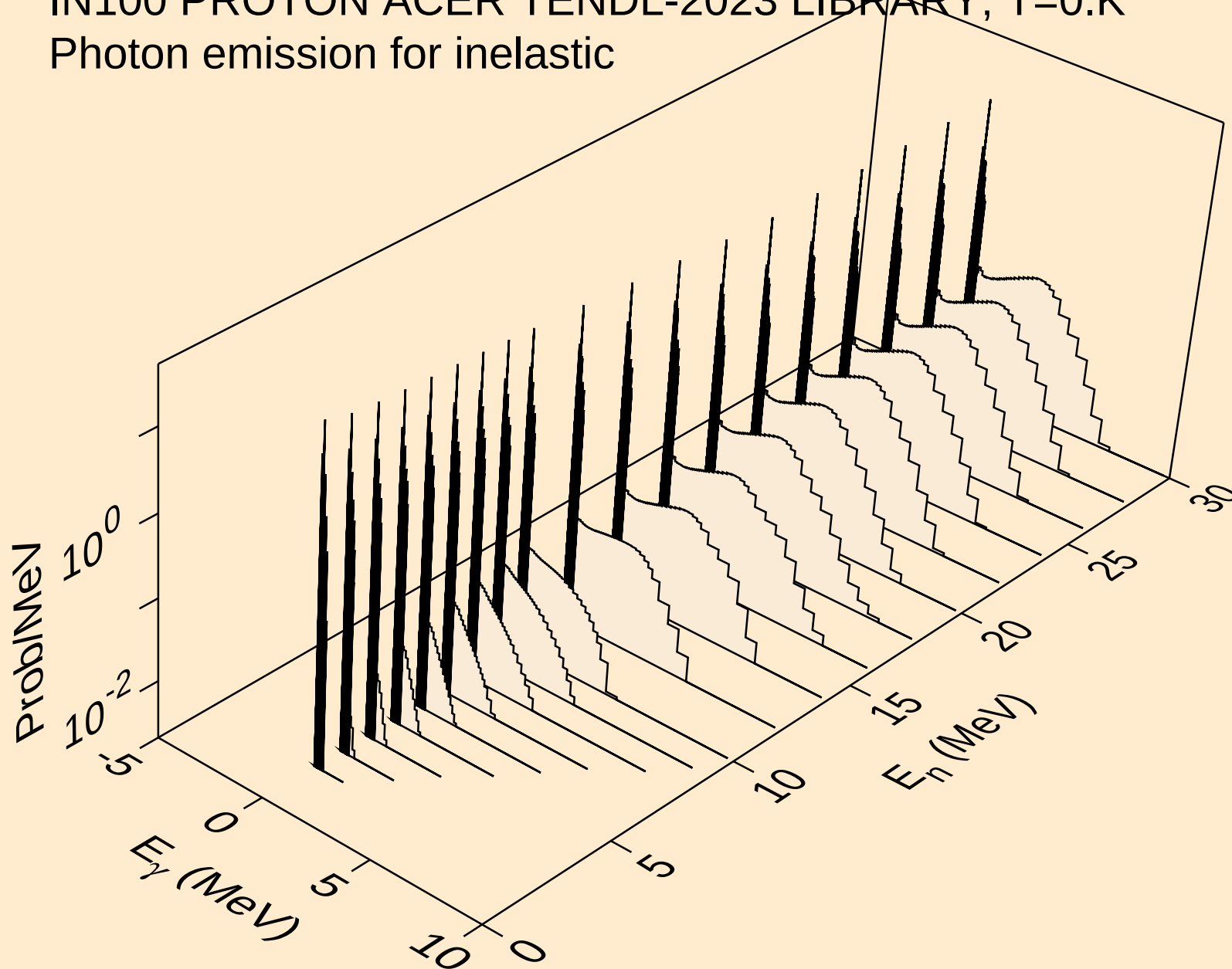
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



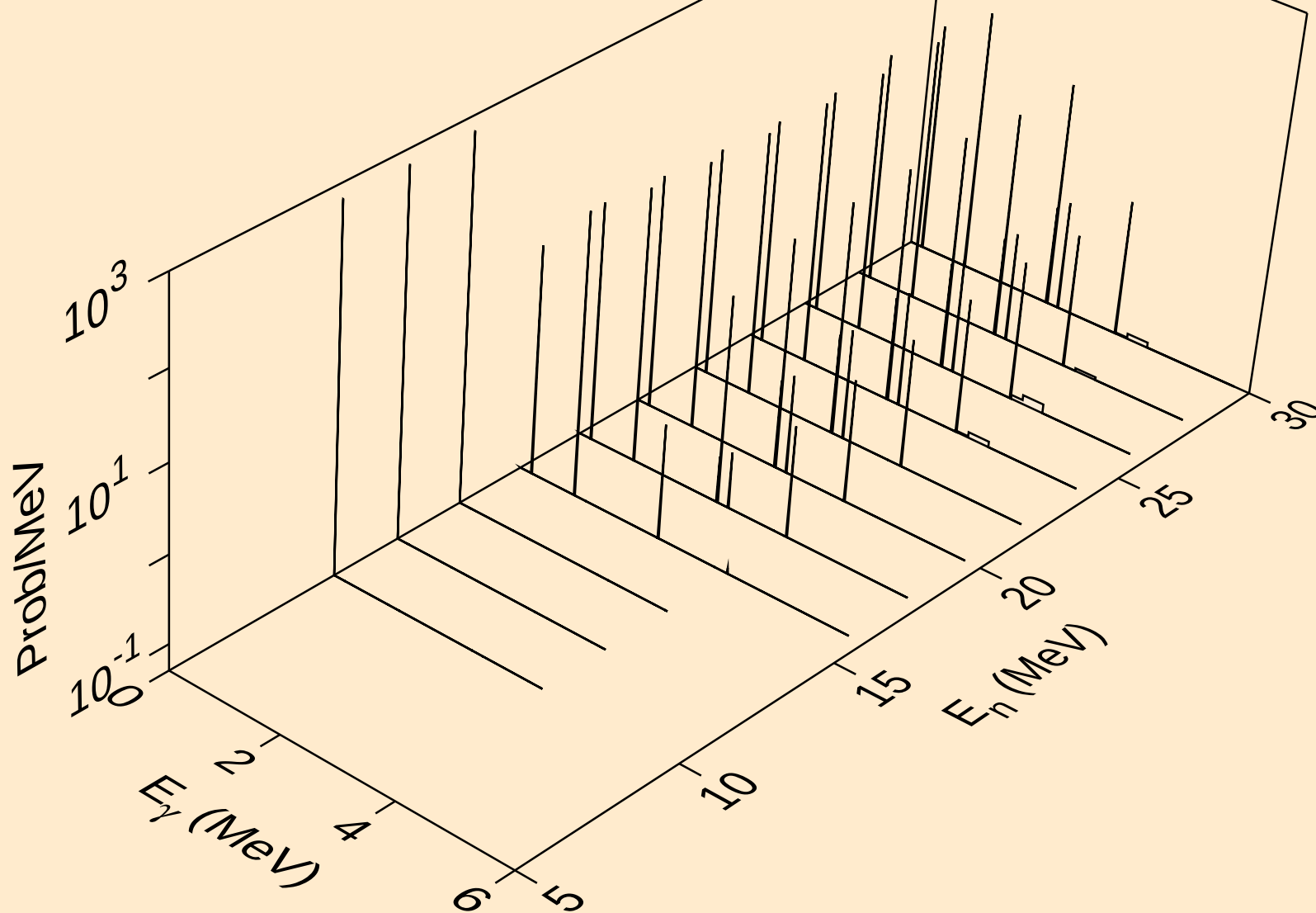
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

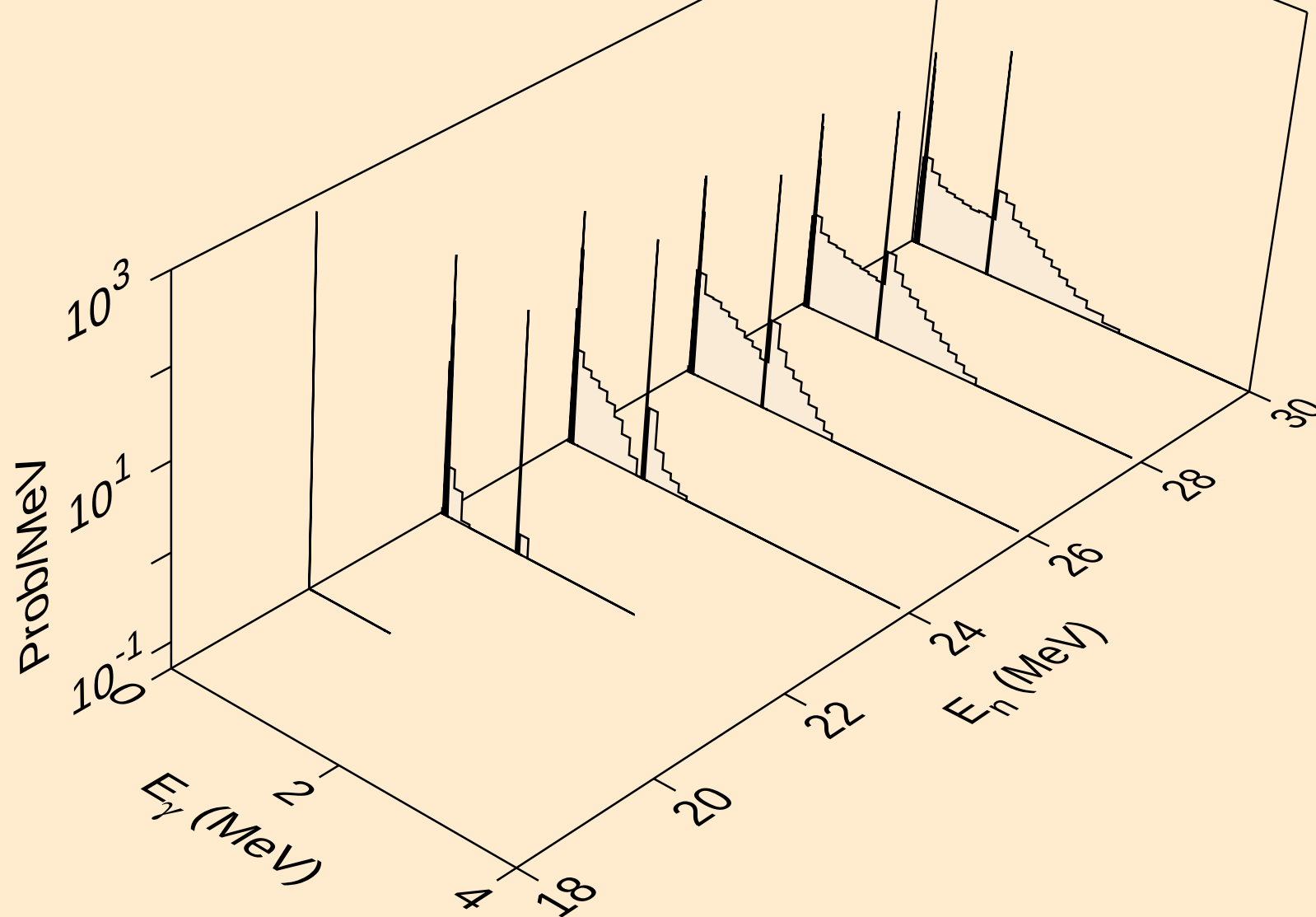


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Photon emission for (n,d)

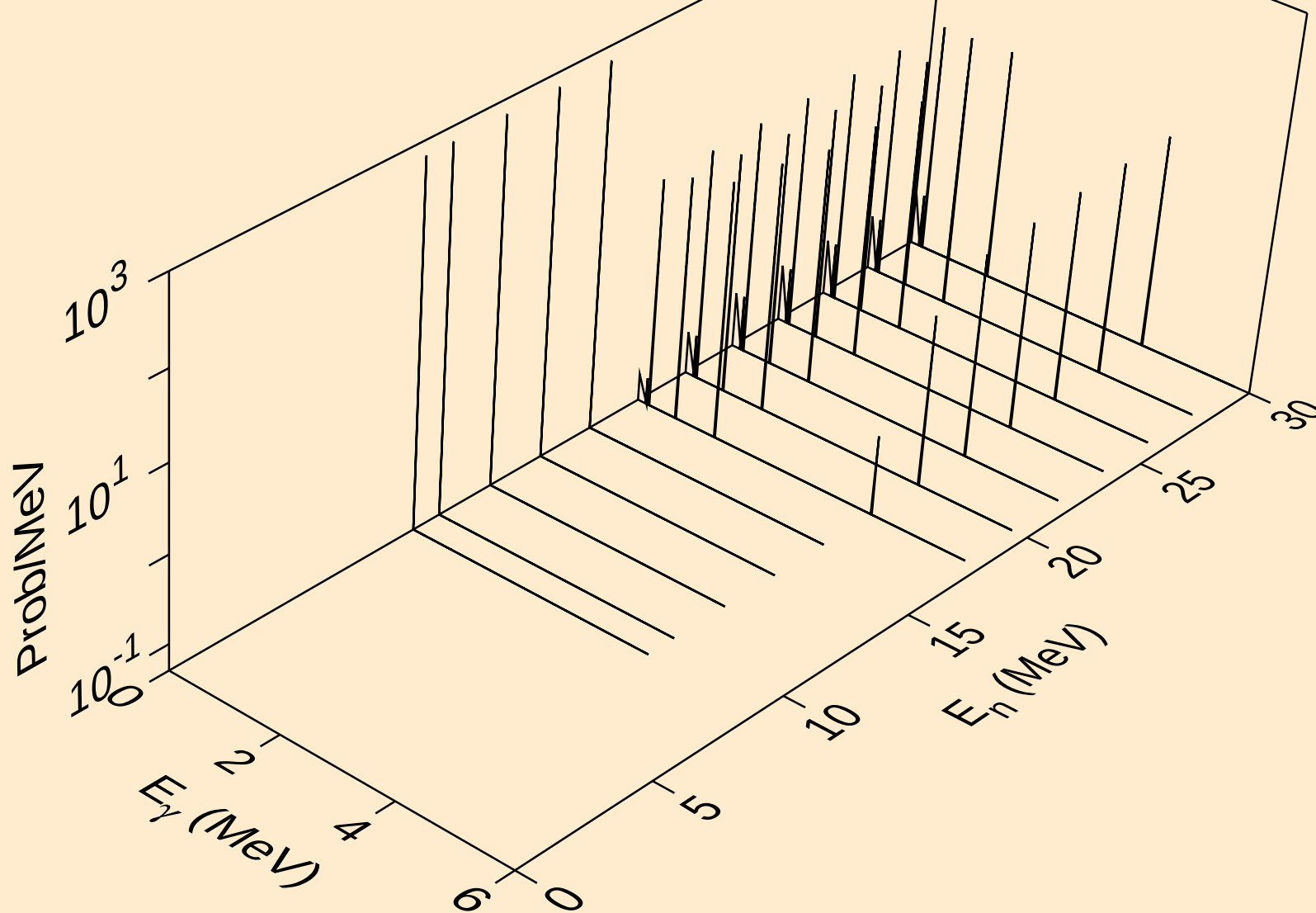




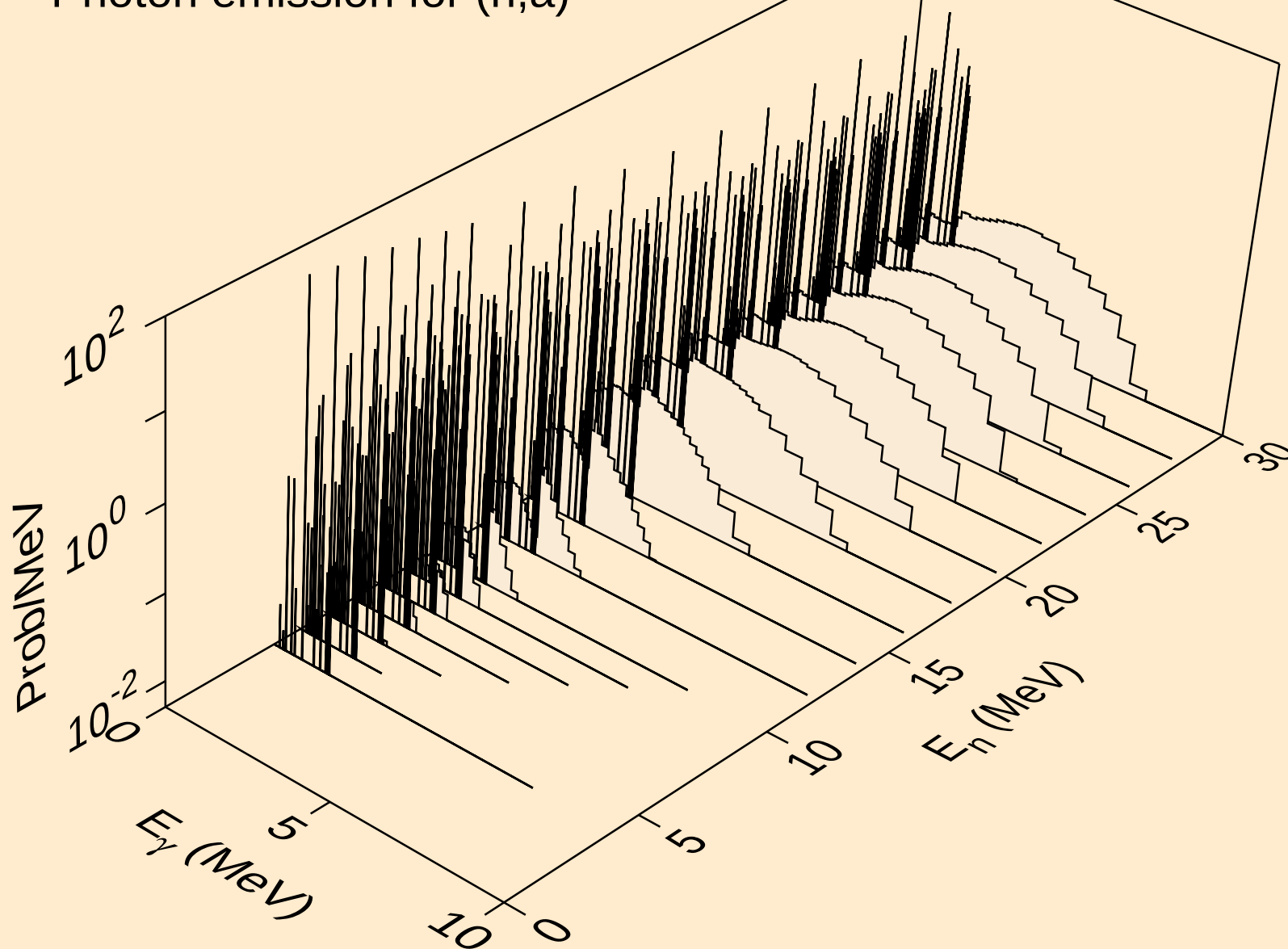
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



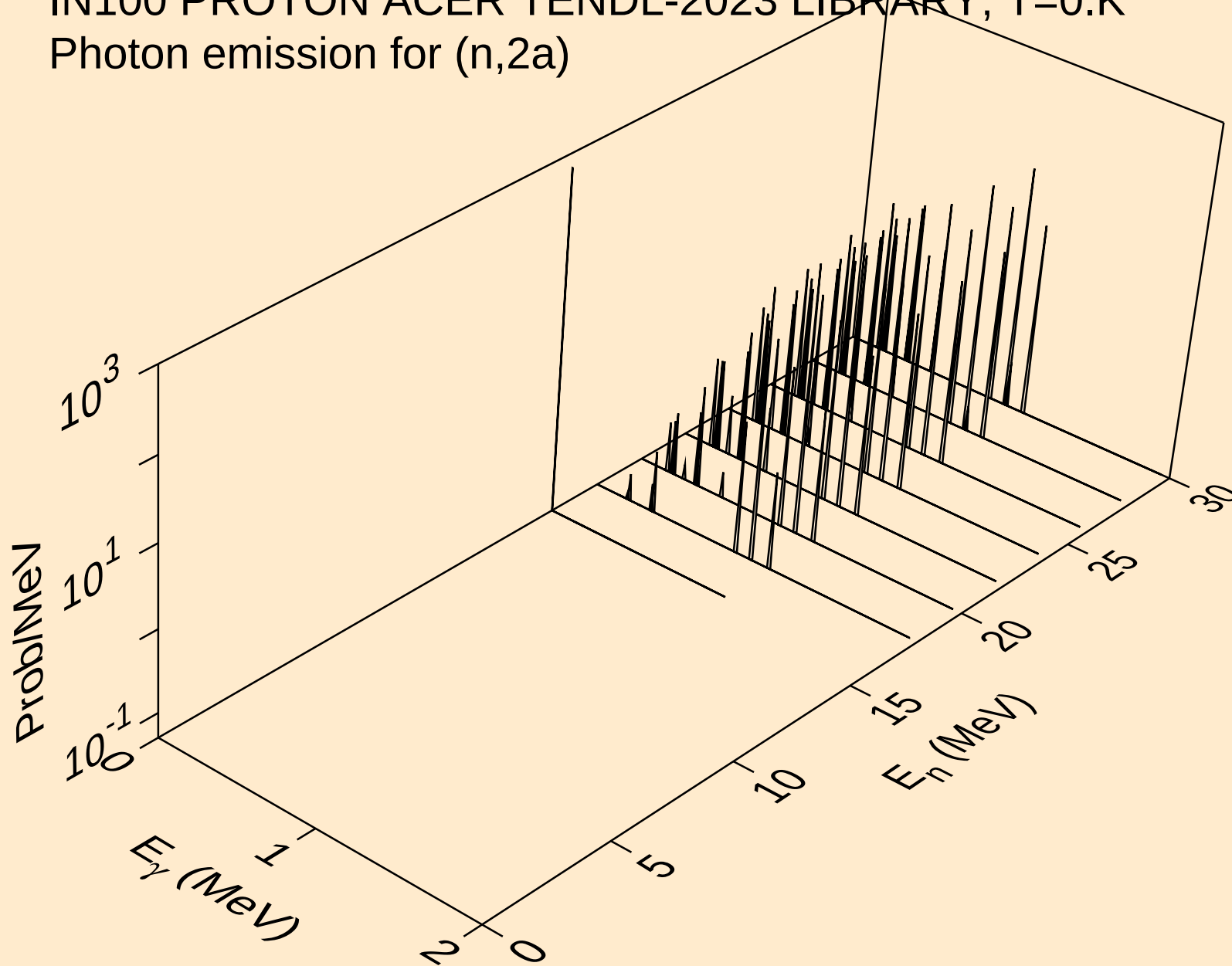
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



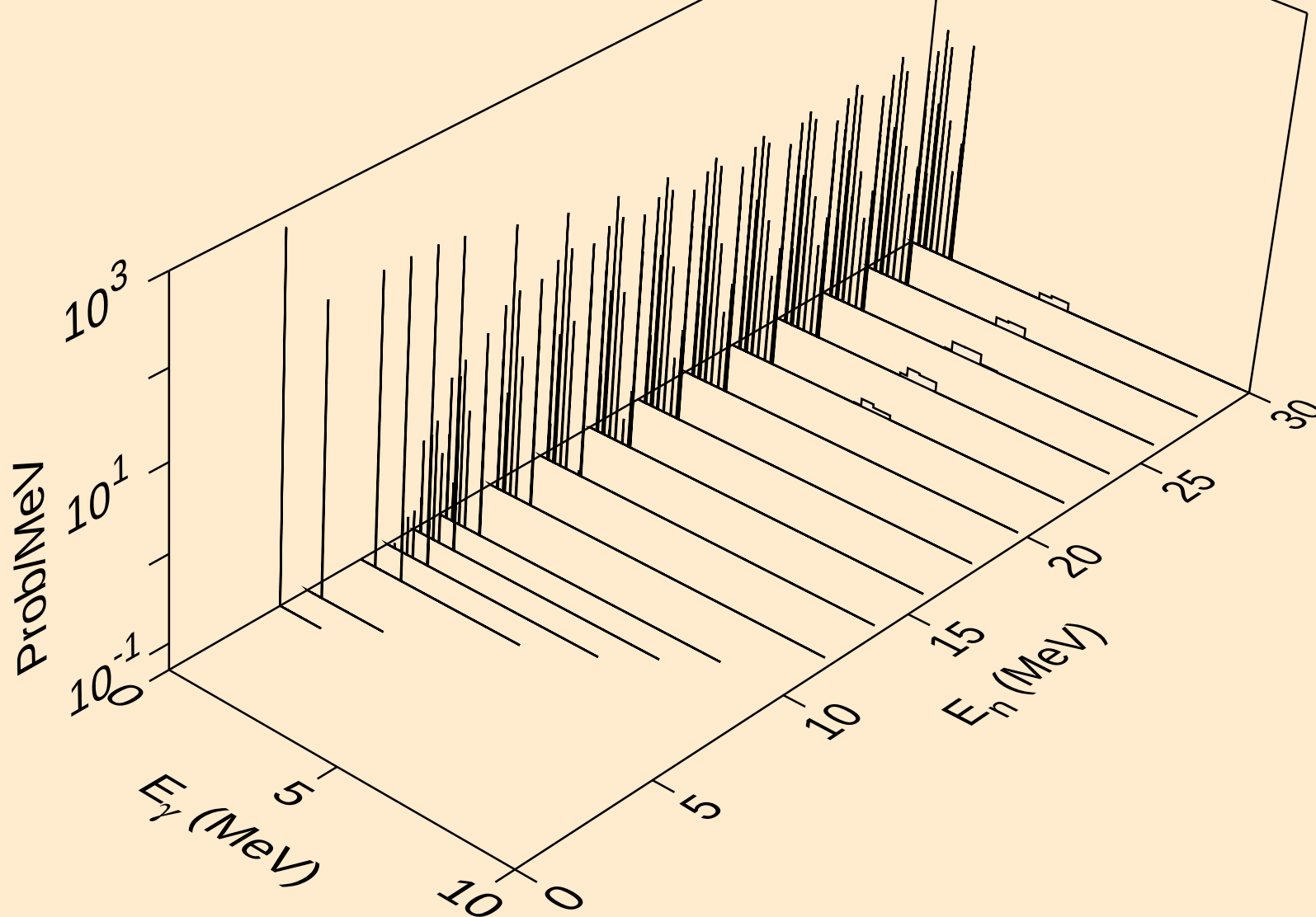
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



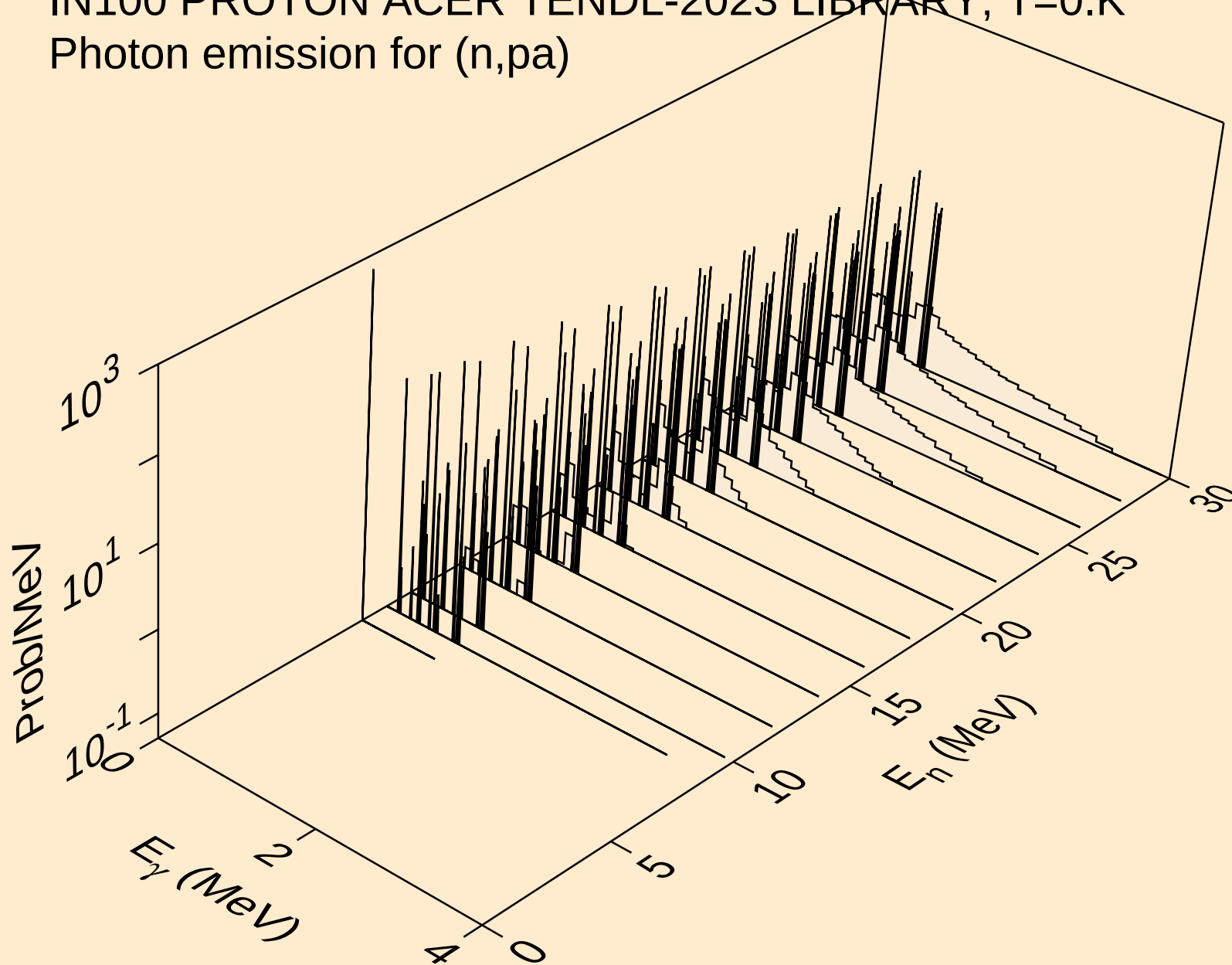
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



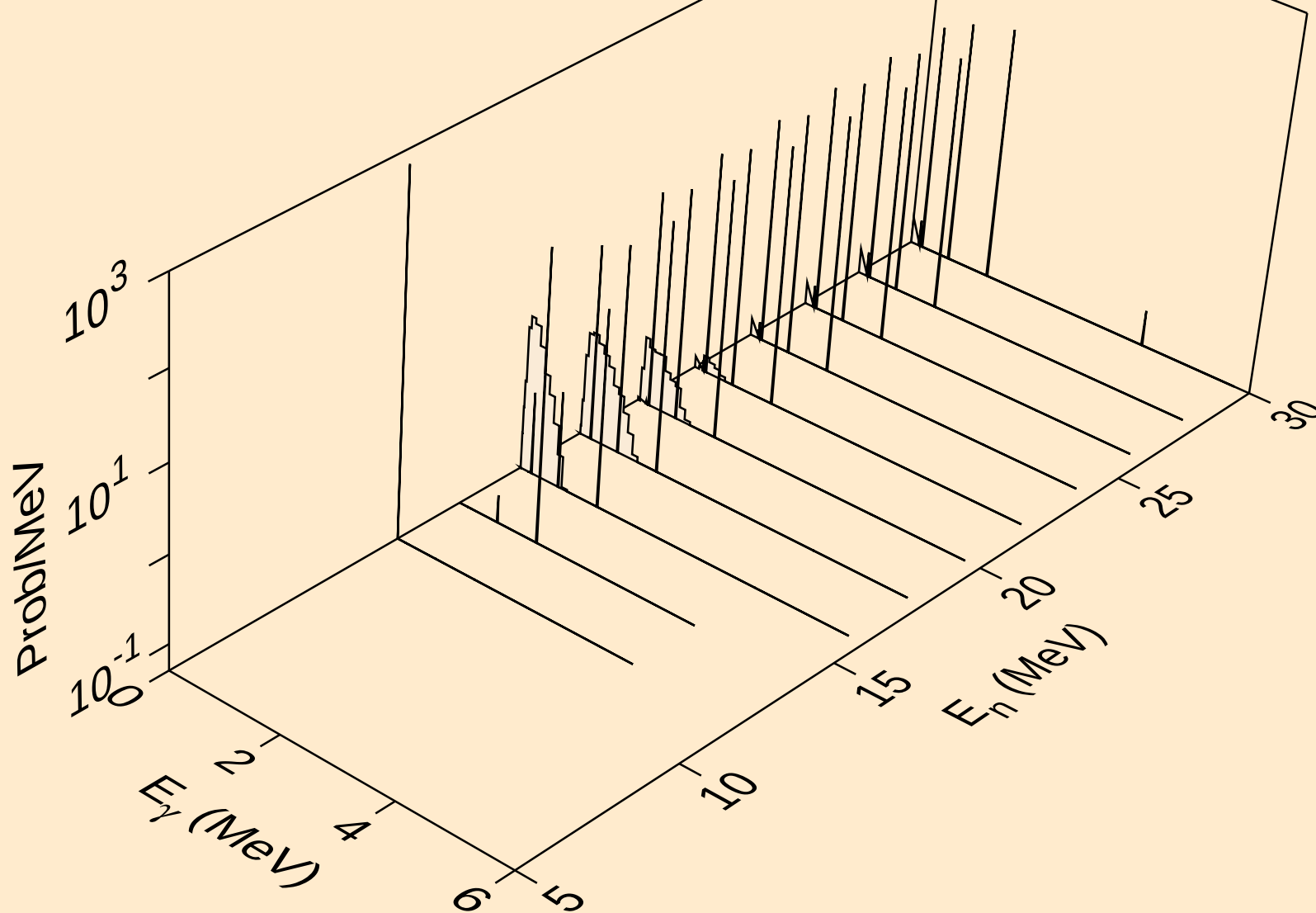
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Photon emission for (n,2p)



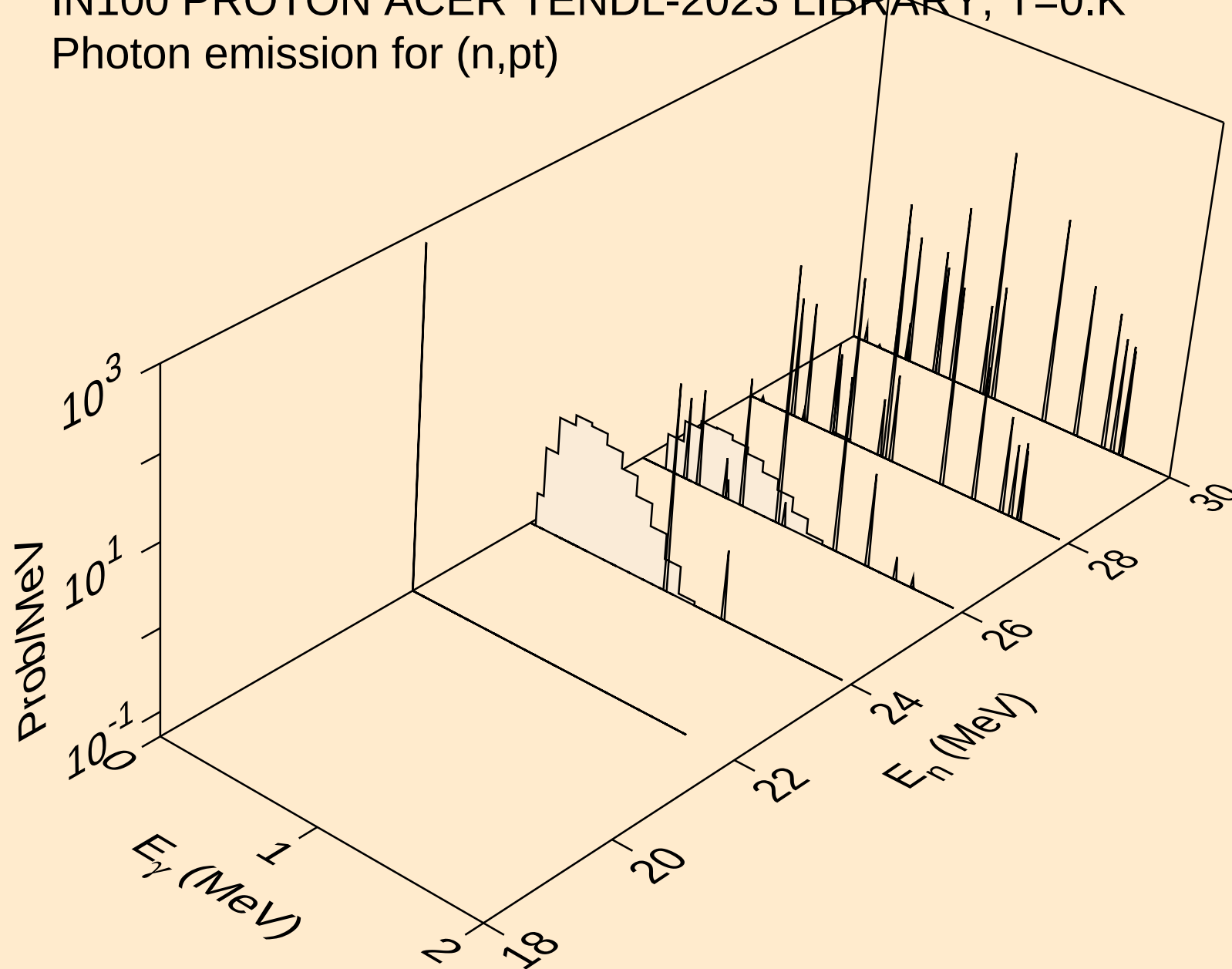
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

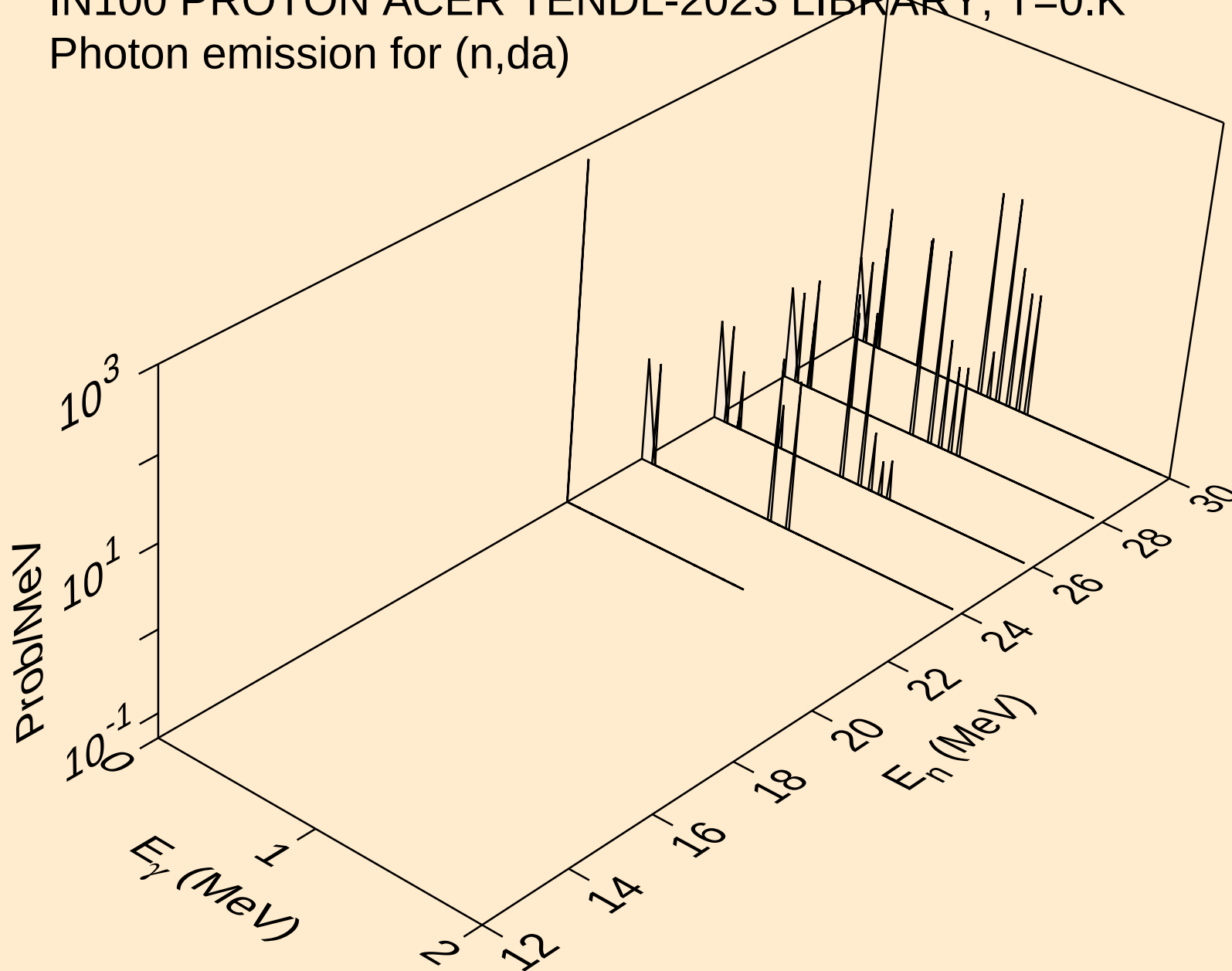


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



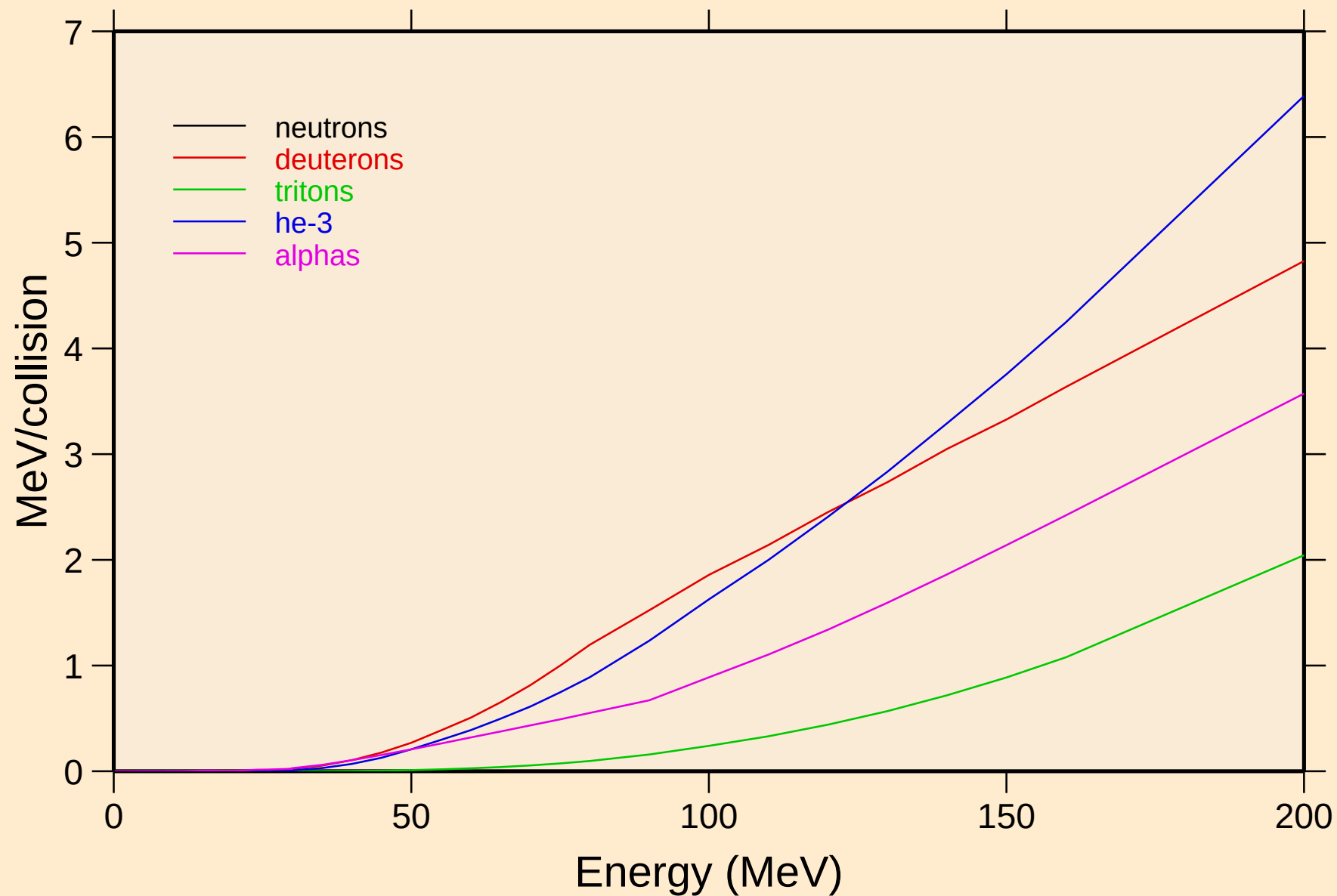


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



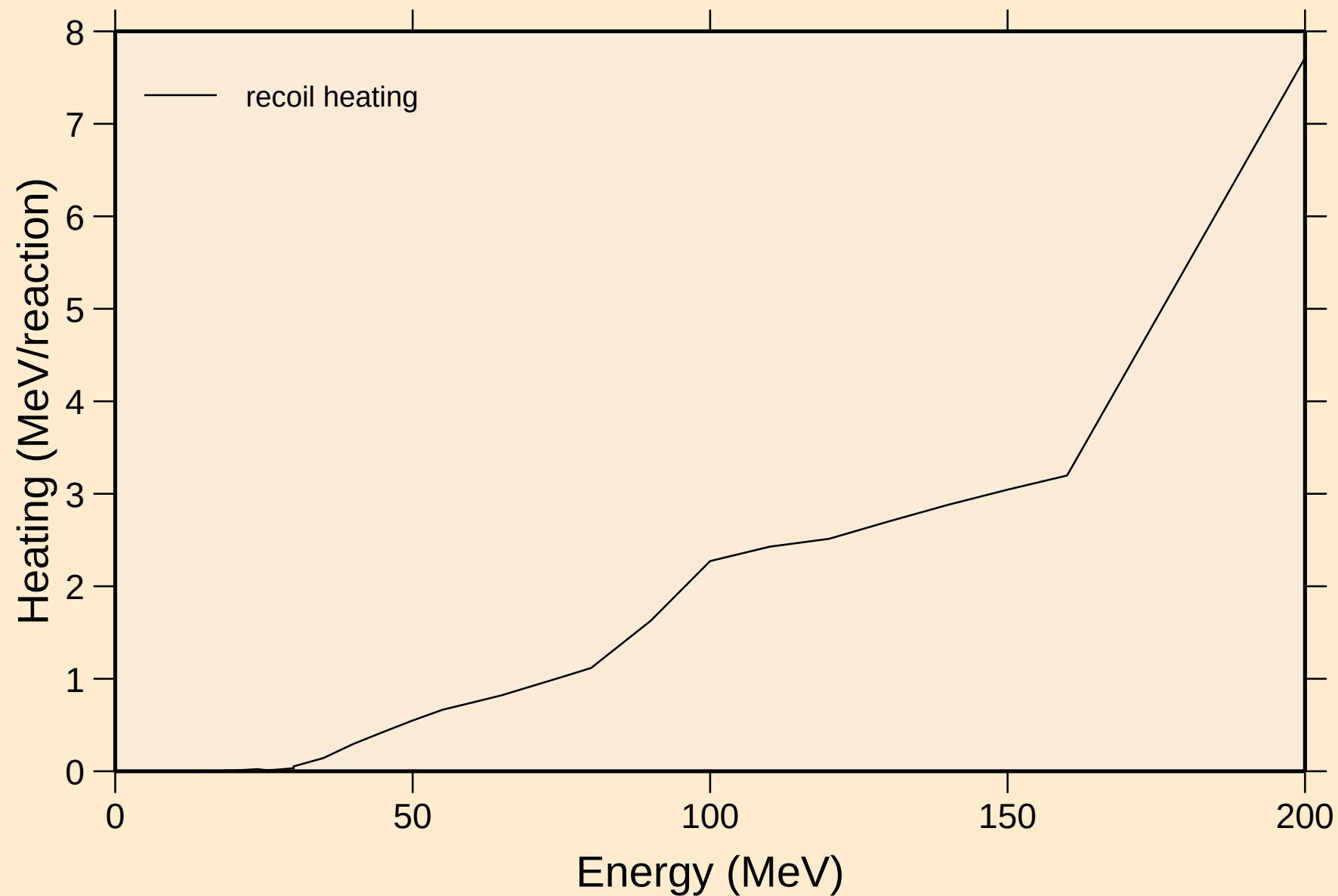
# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



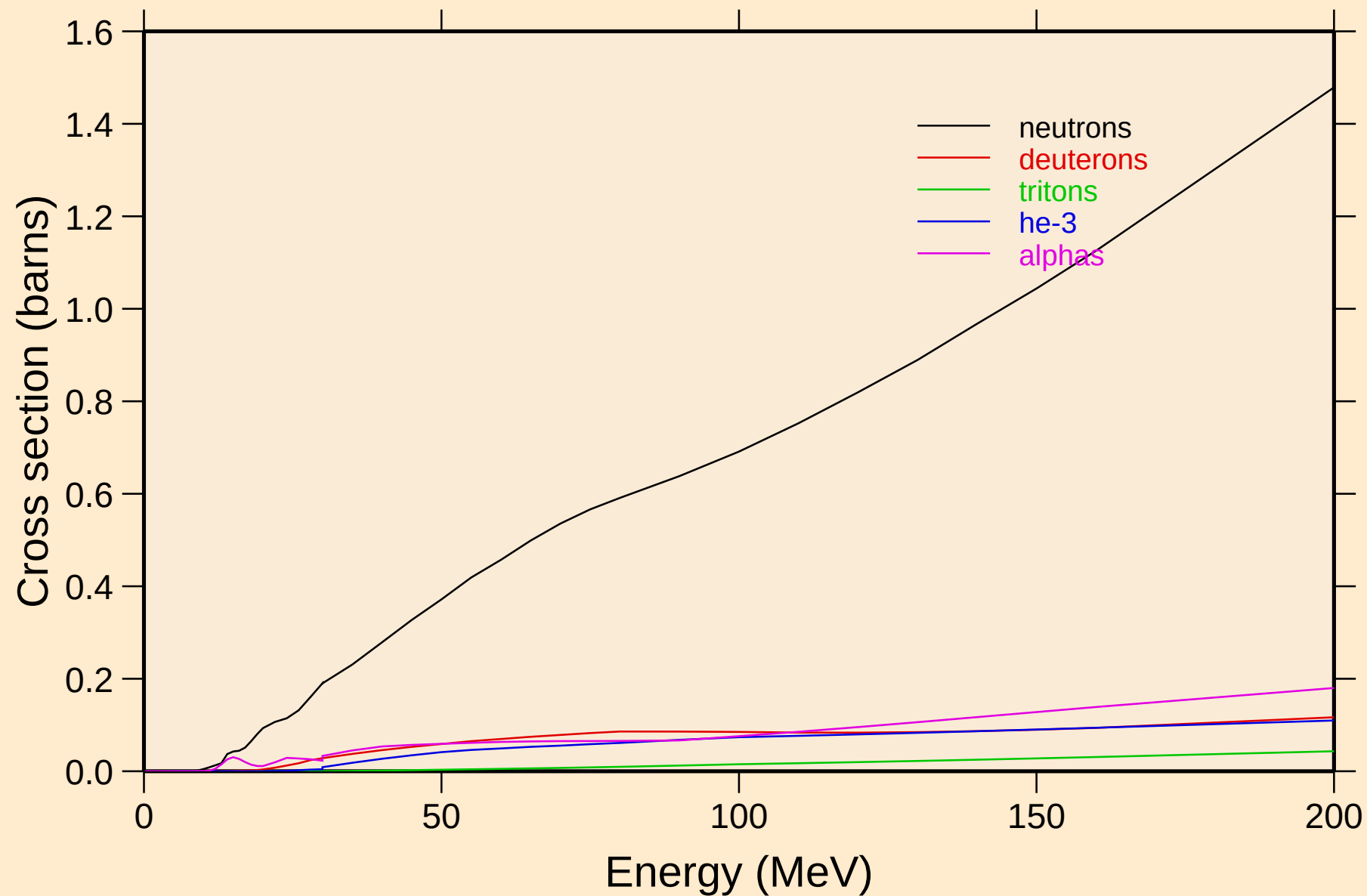
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

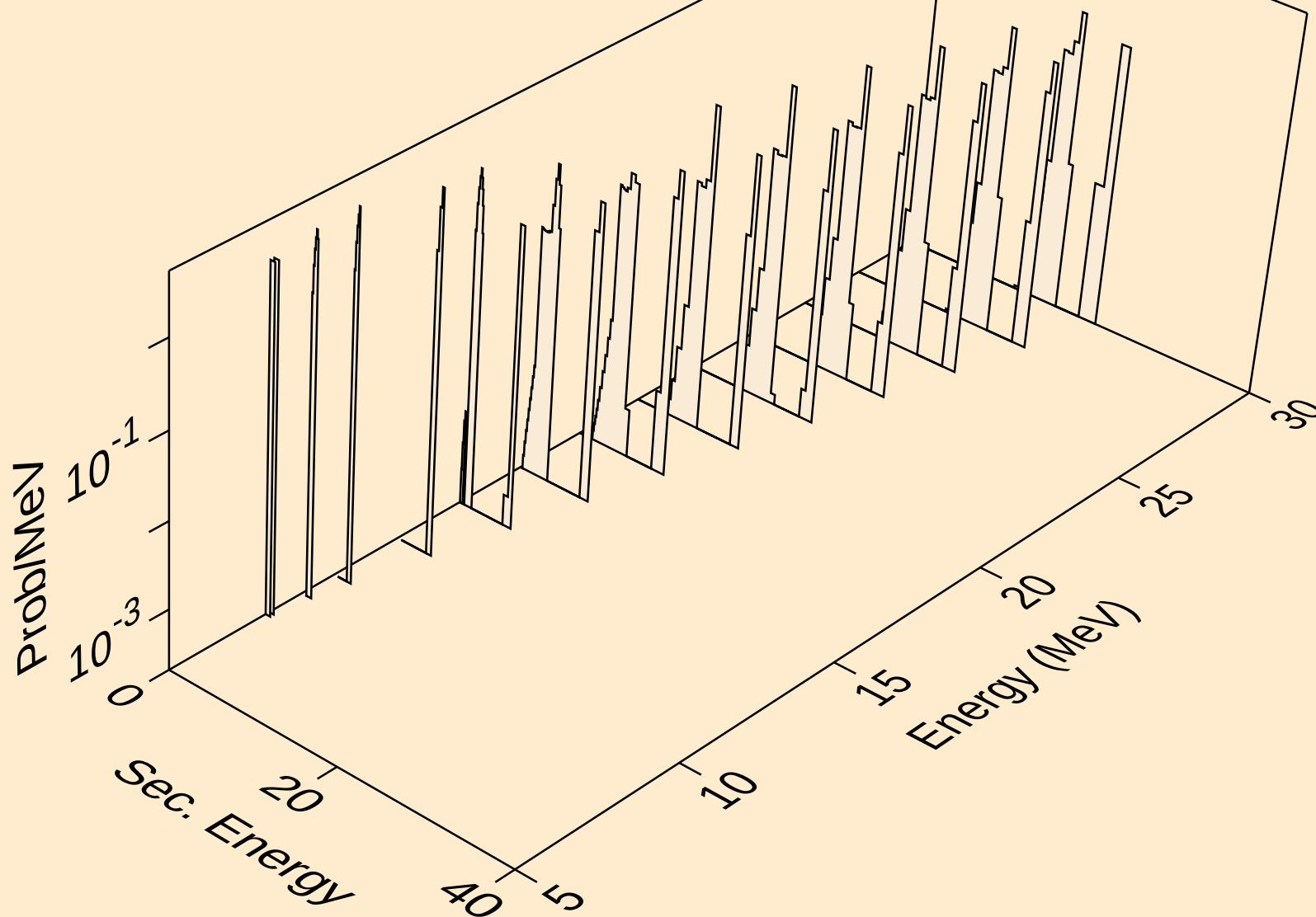


# IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K

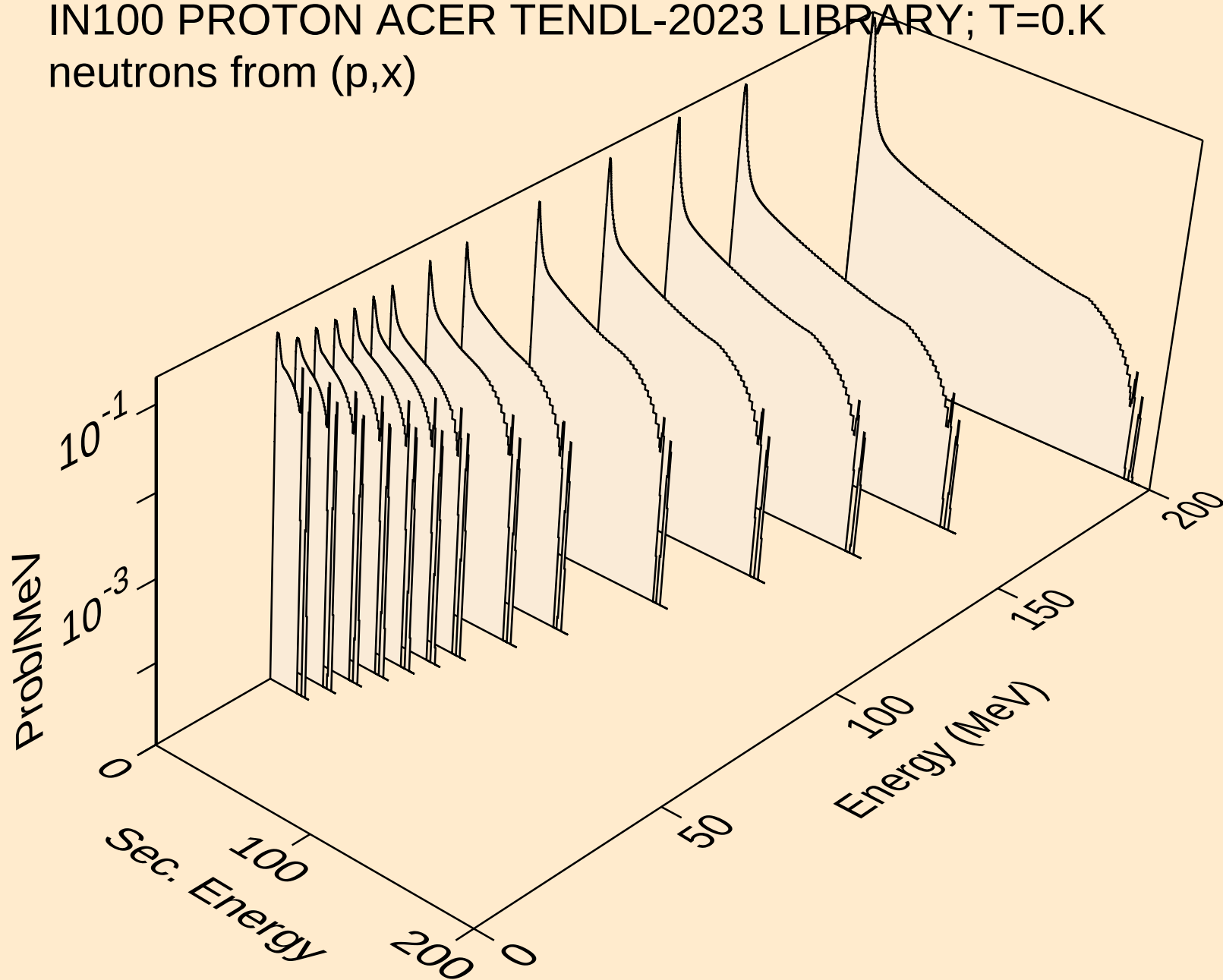
## Particle production cross sections



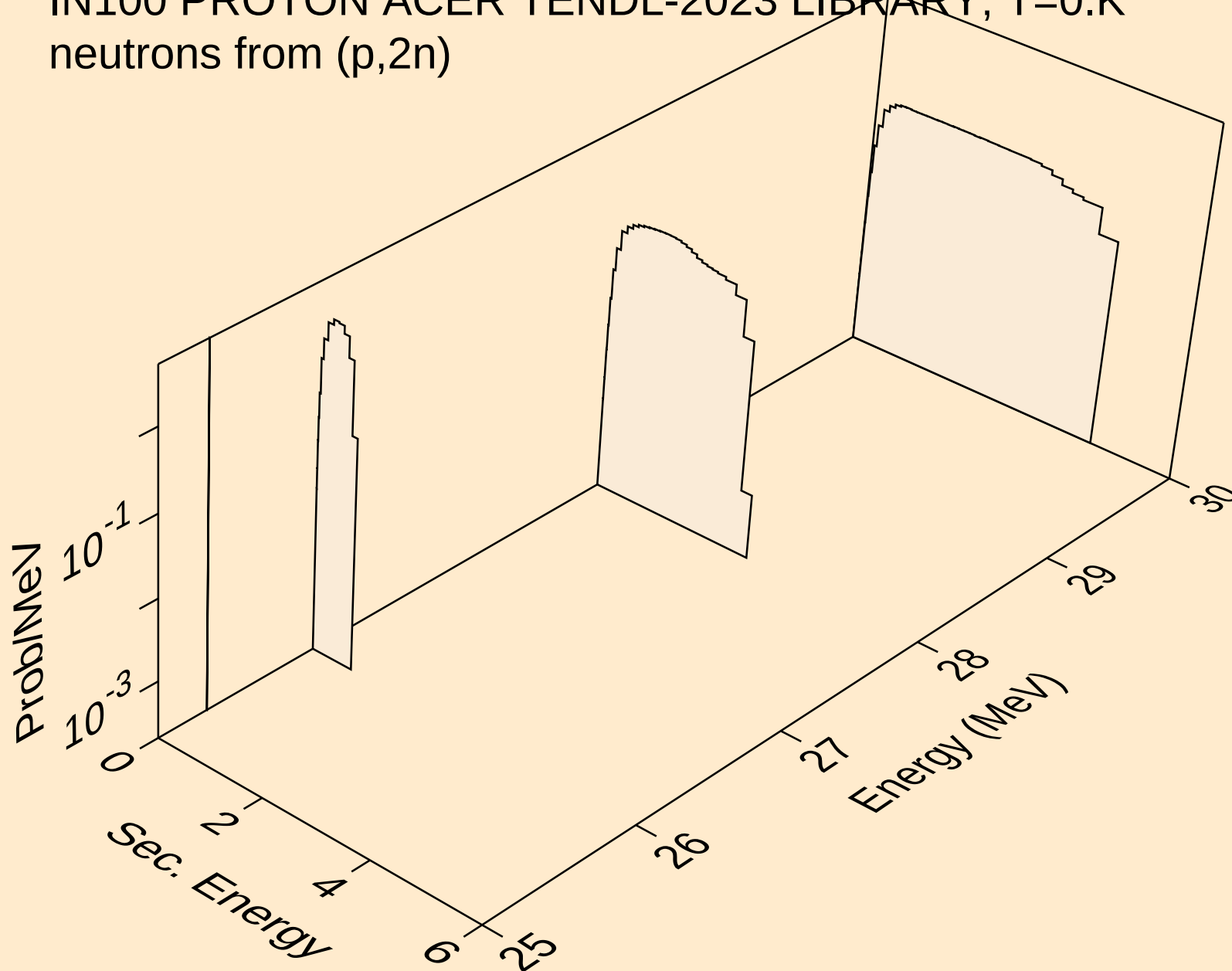
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



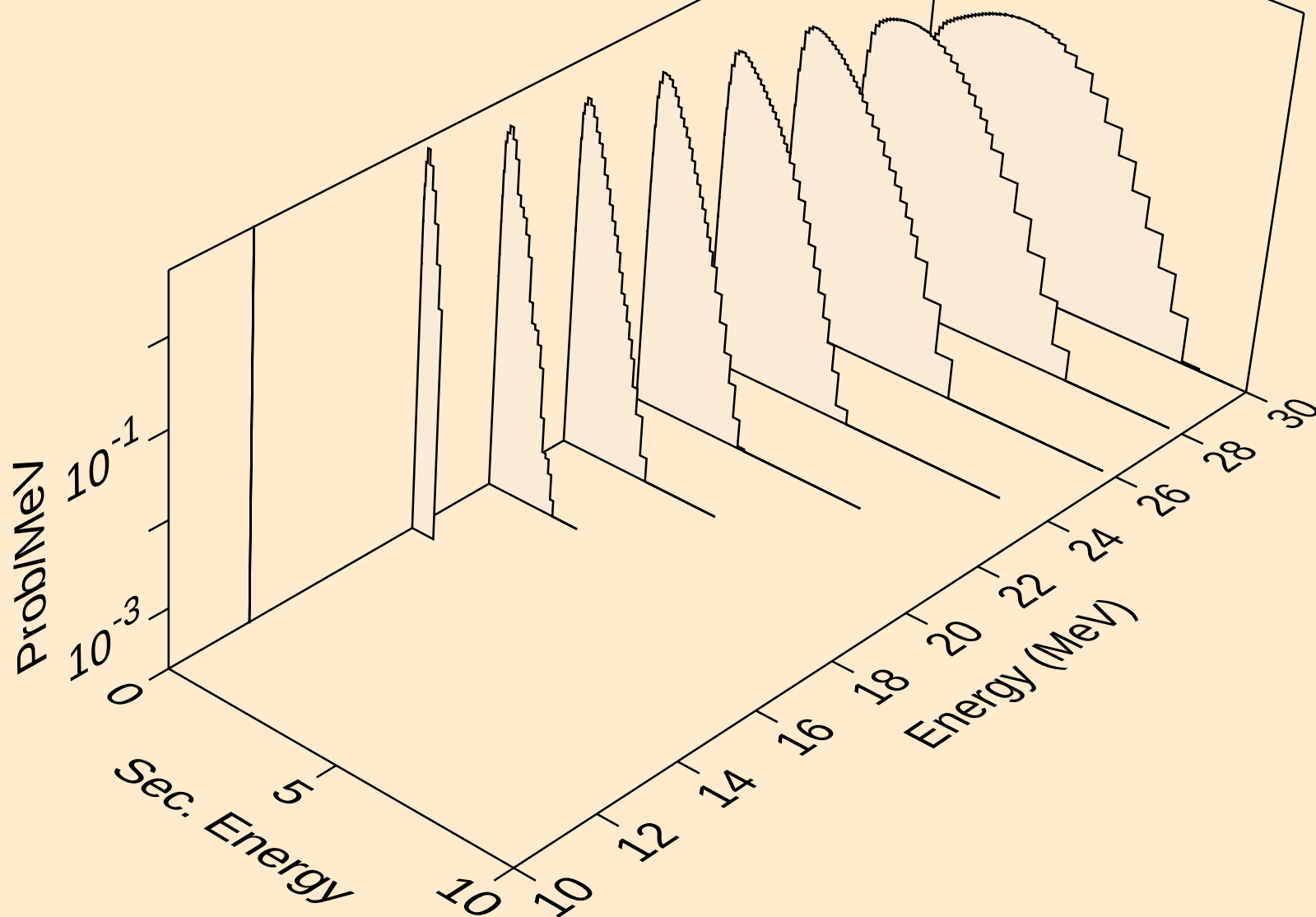
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

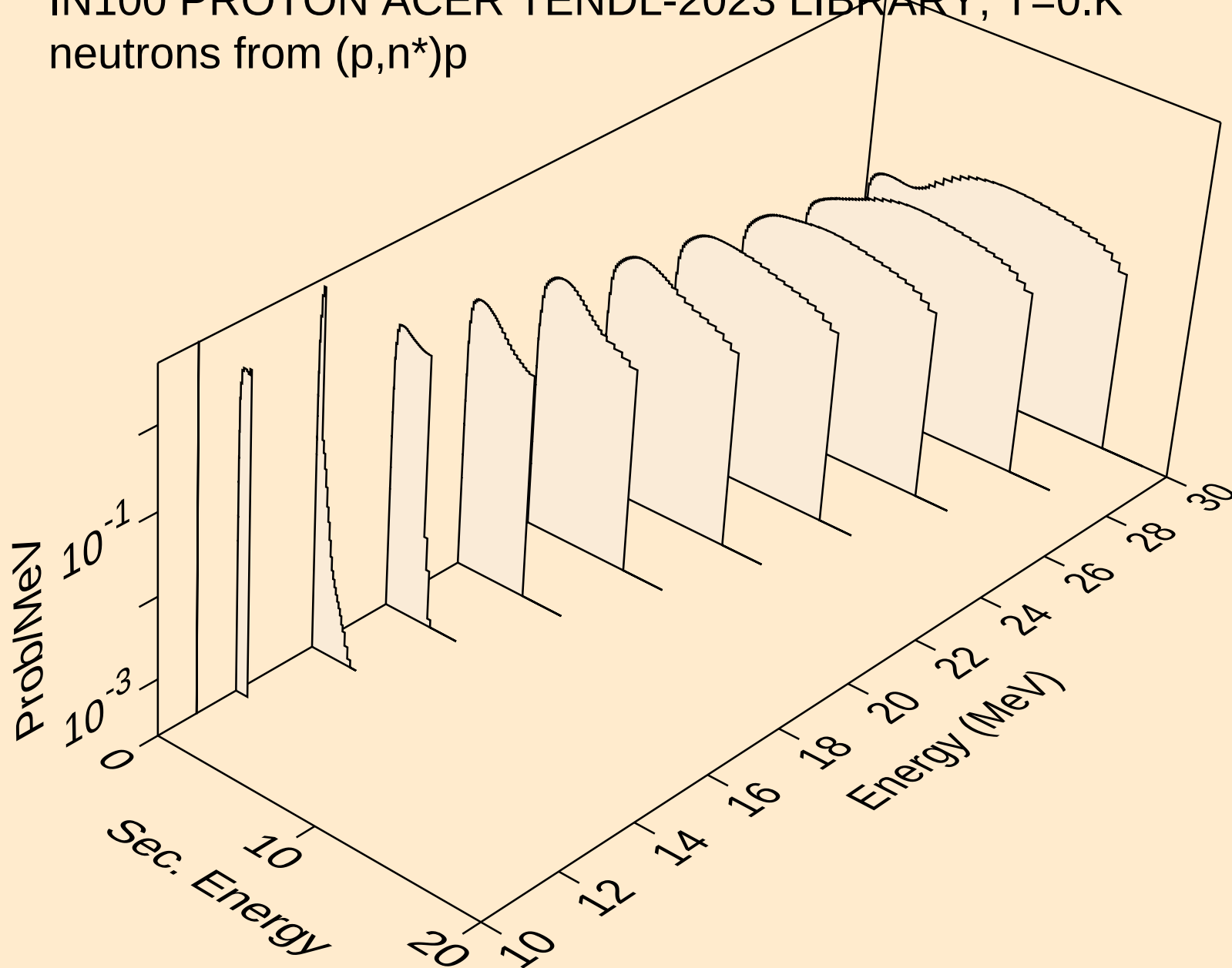


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

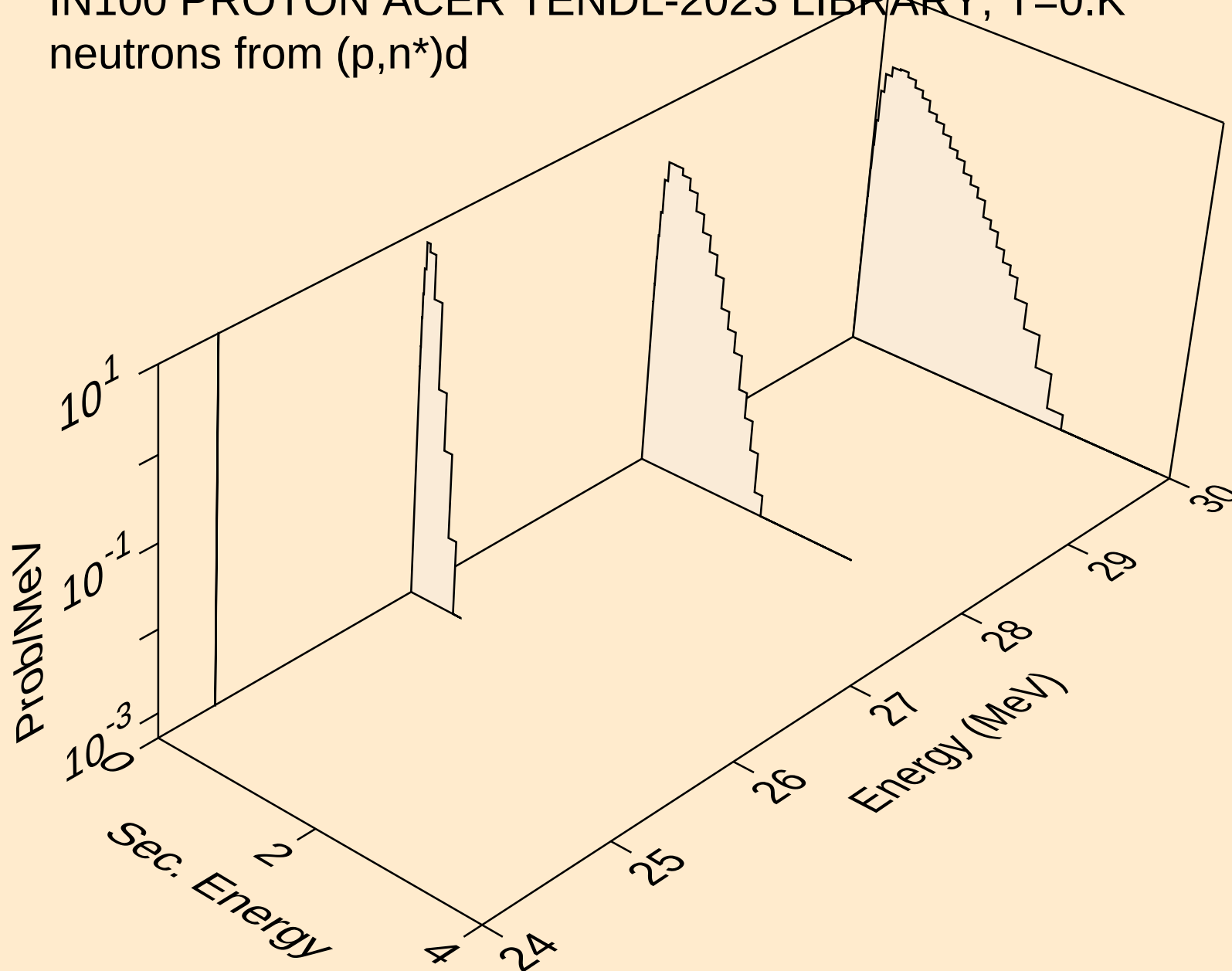




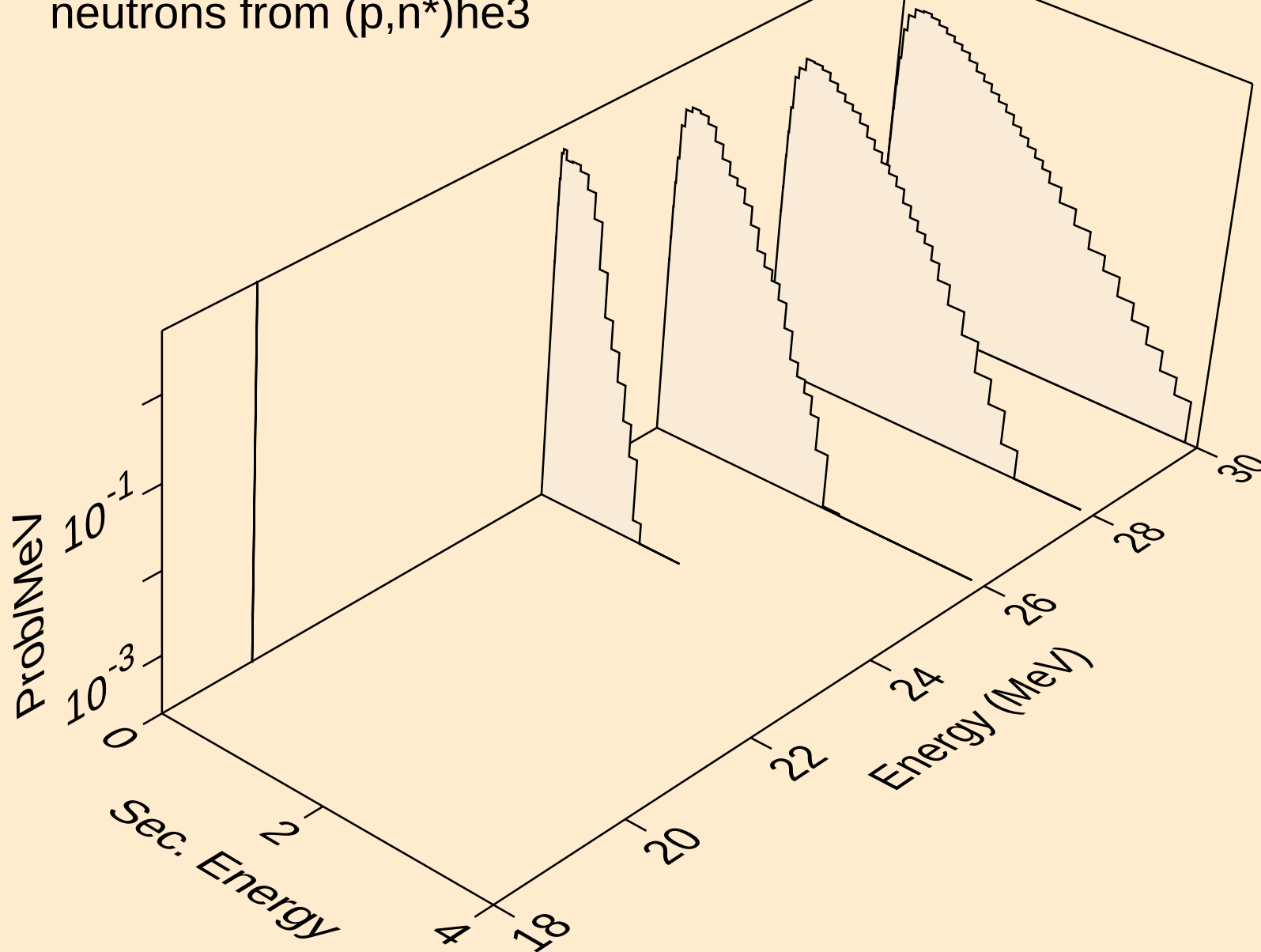
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



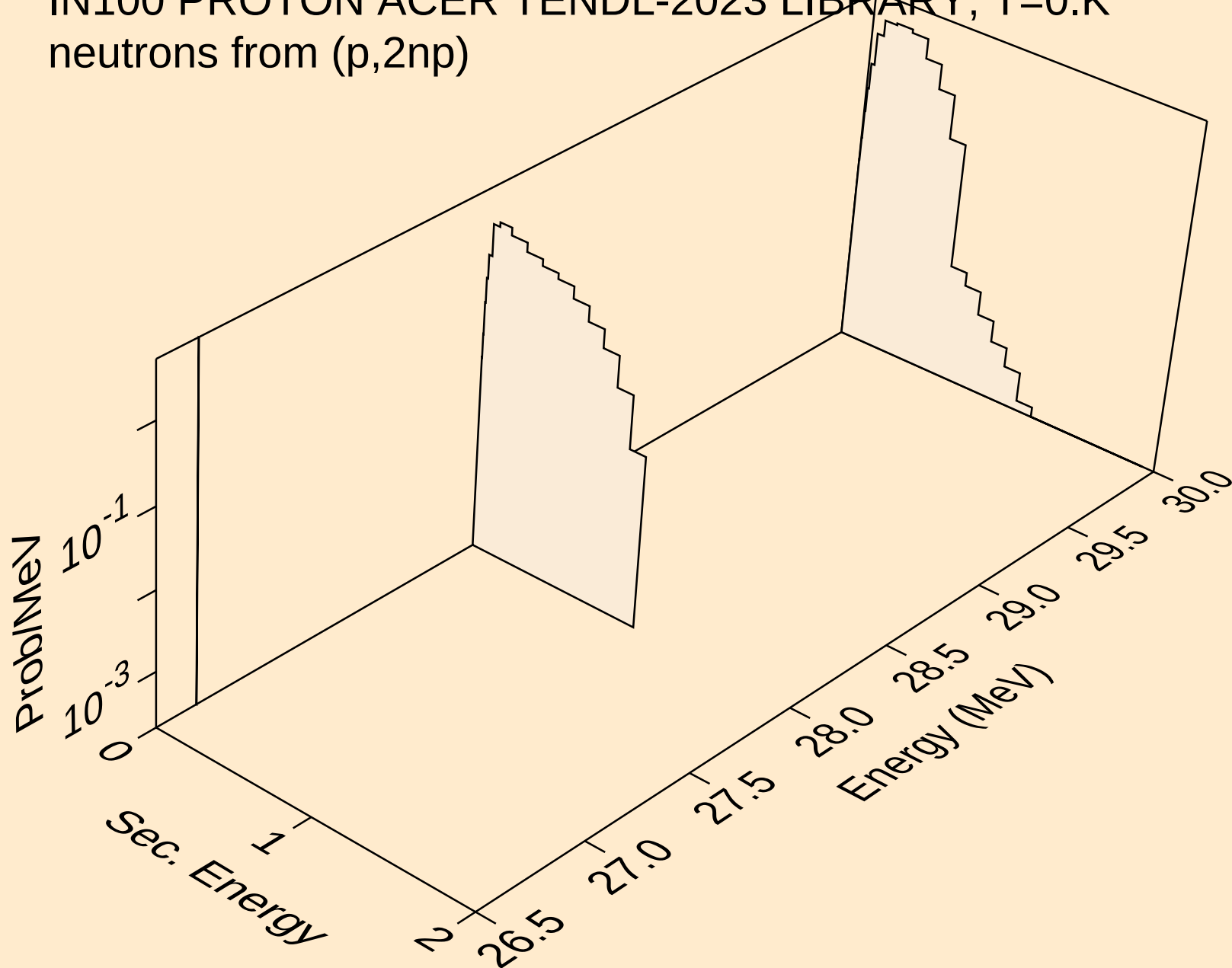
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



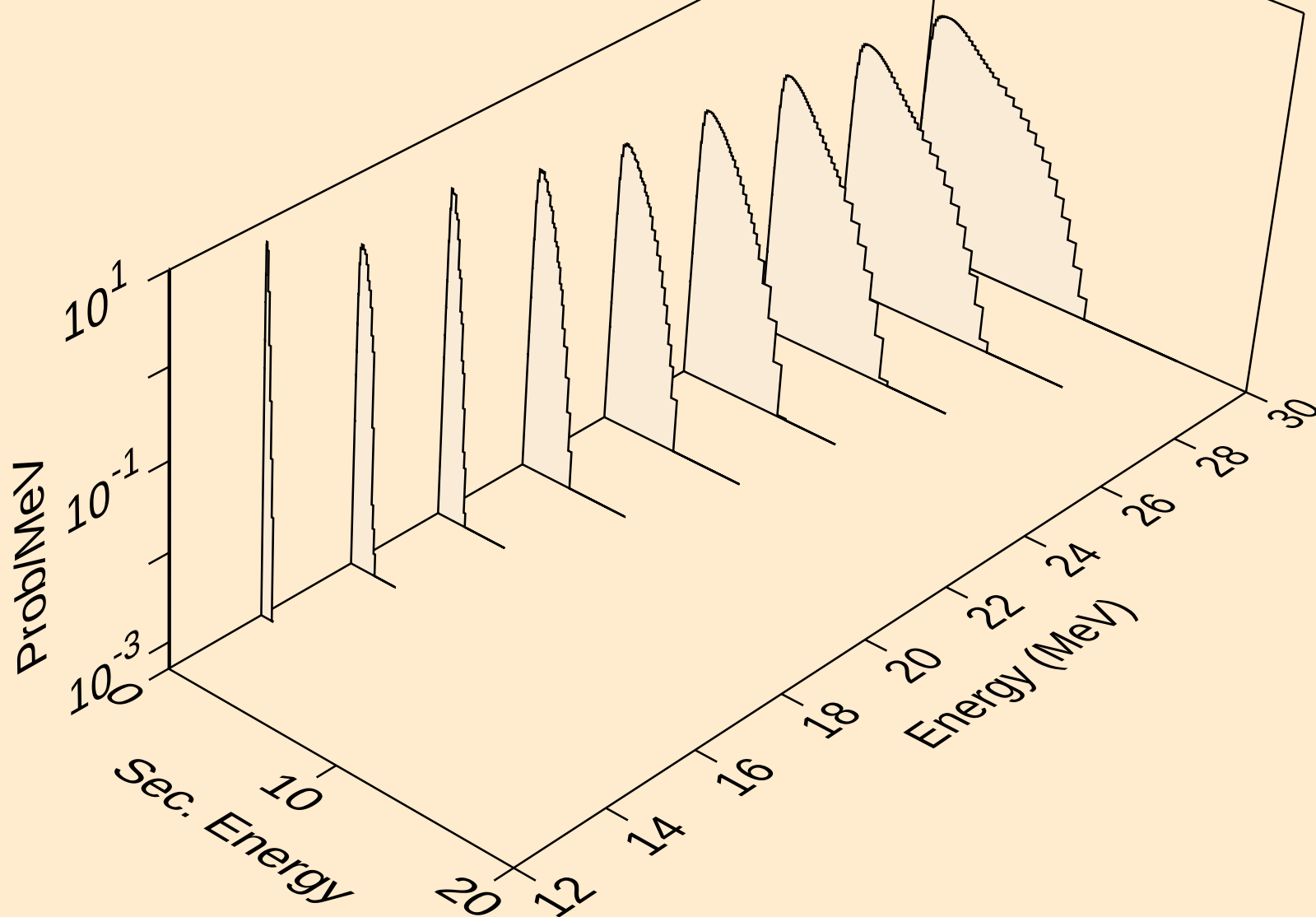
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



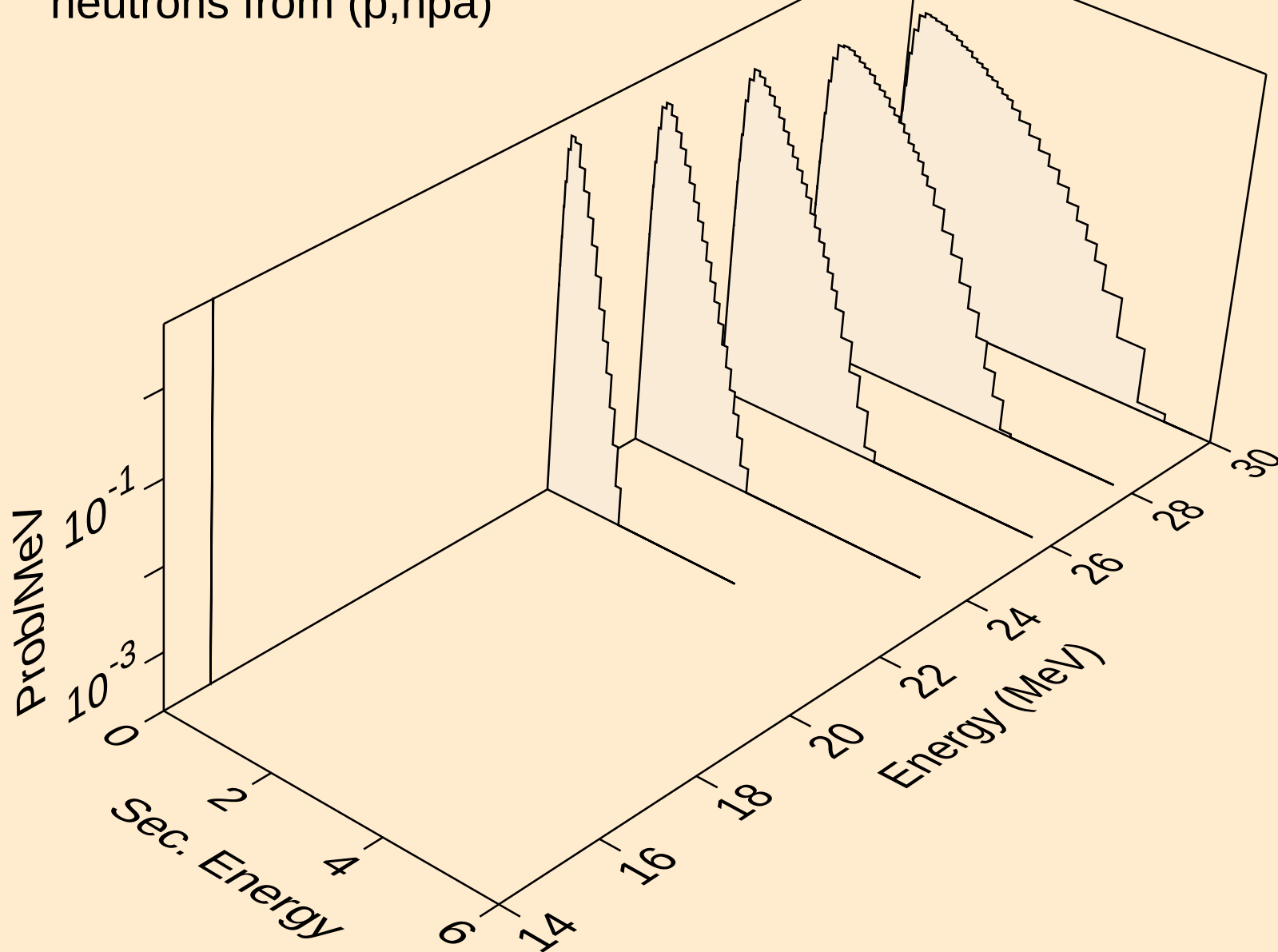
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



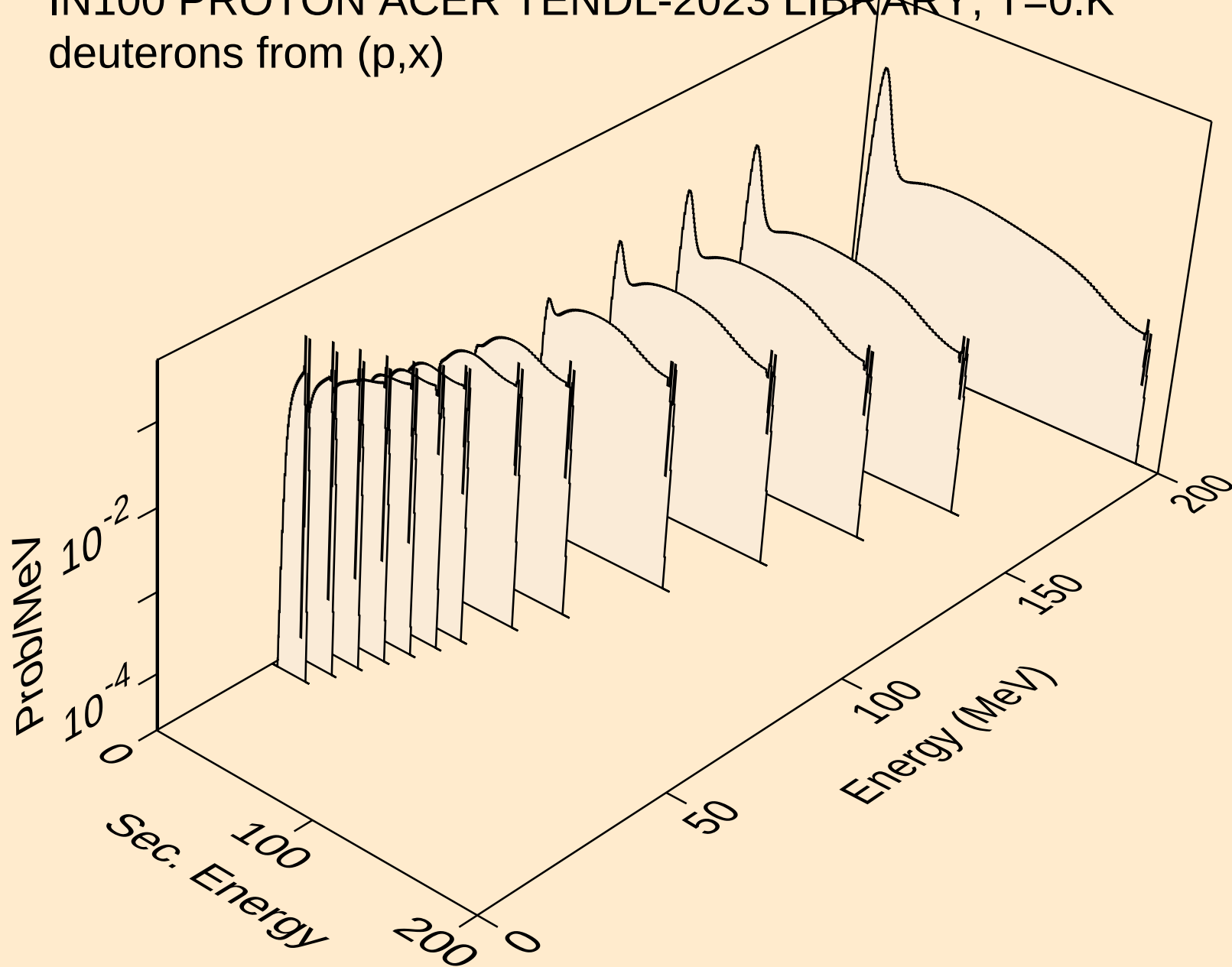
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



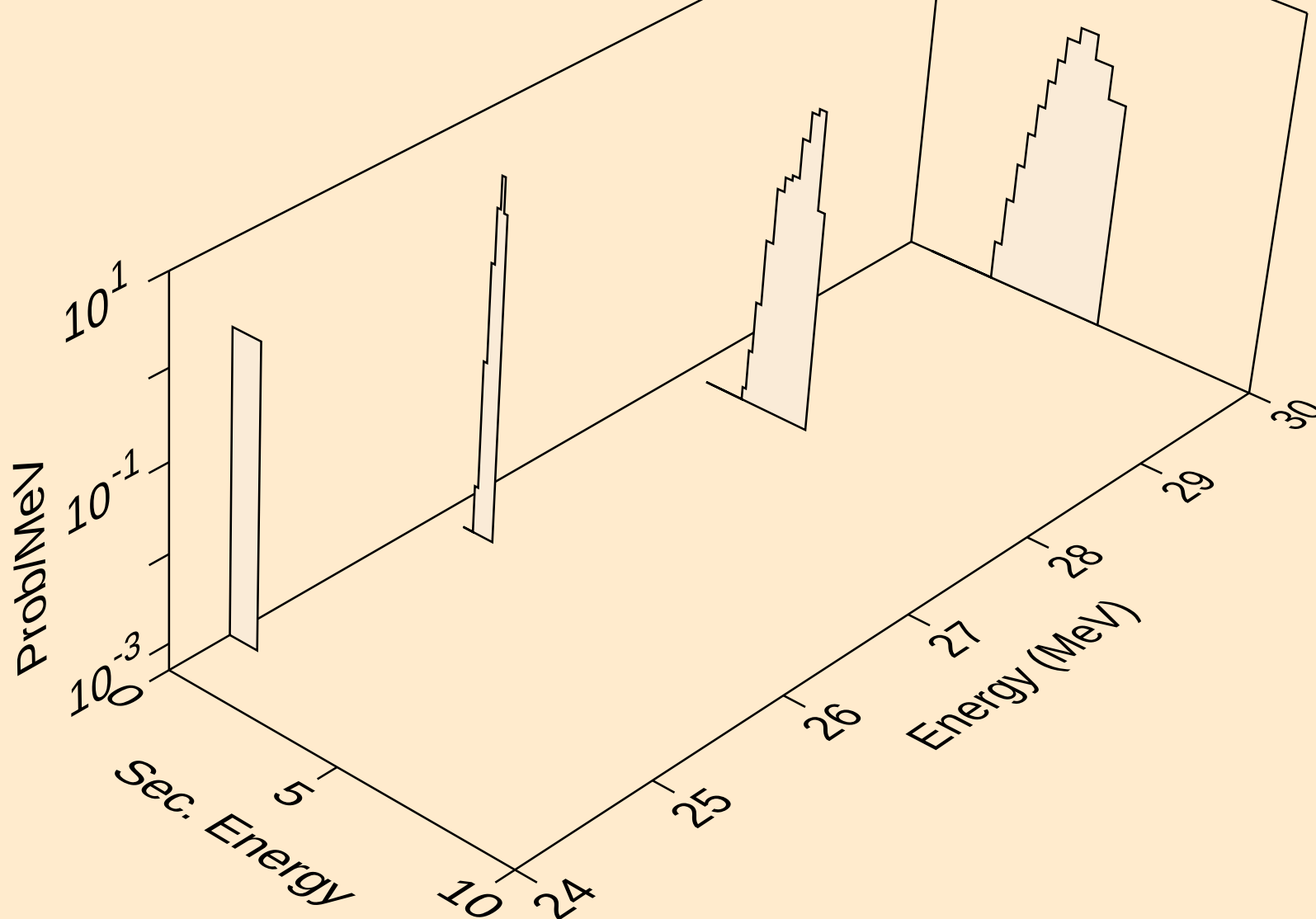
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

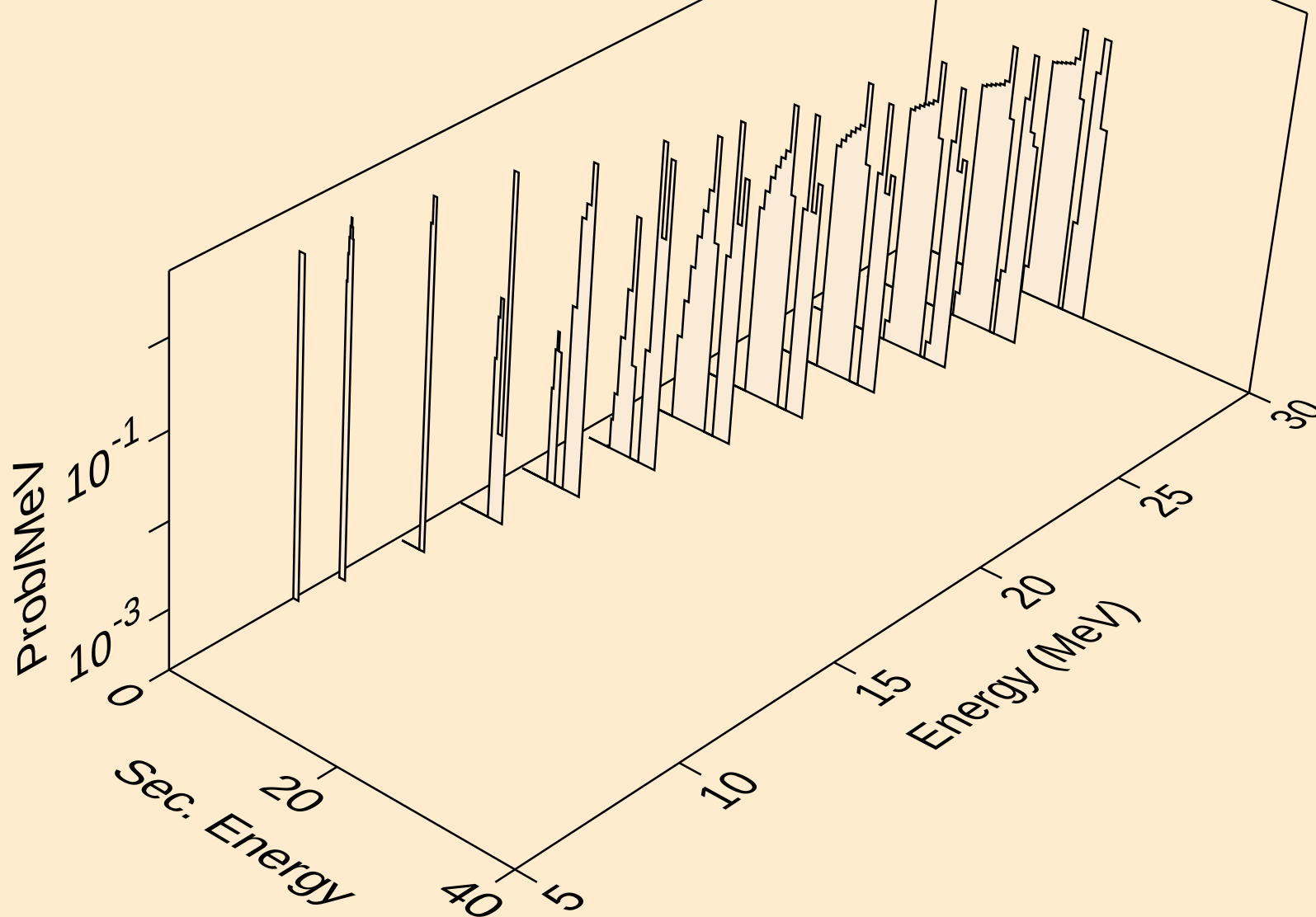


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

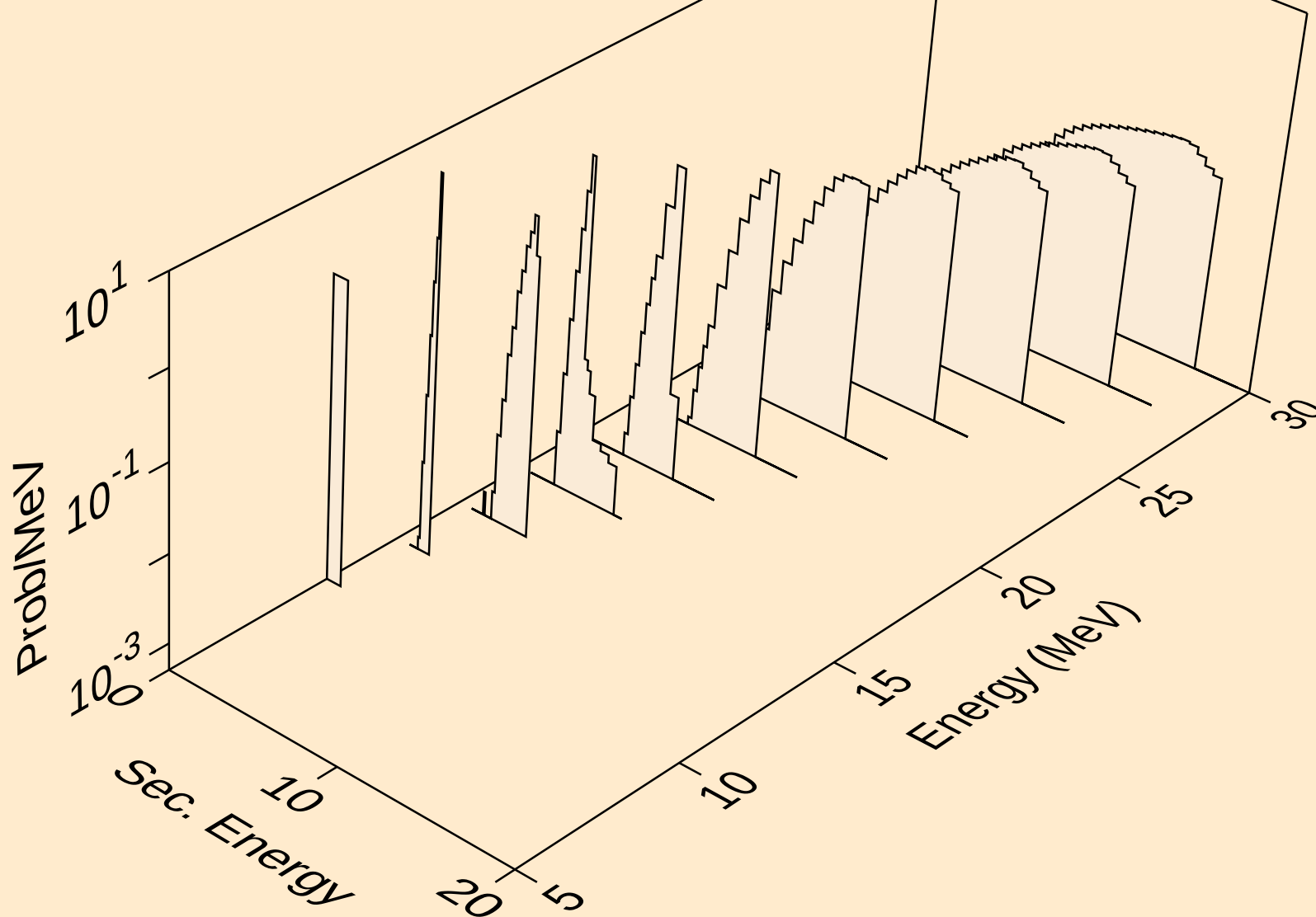




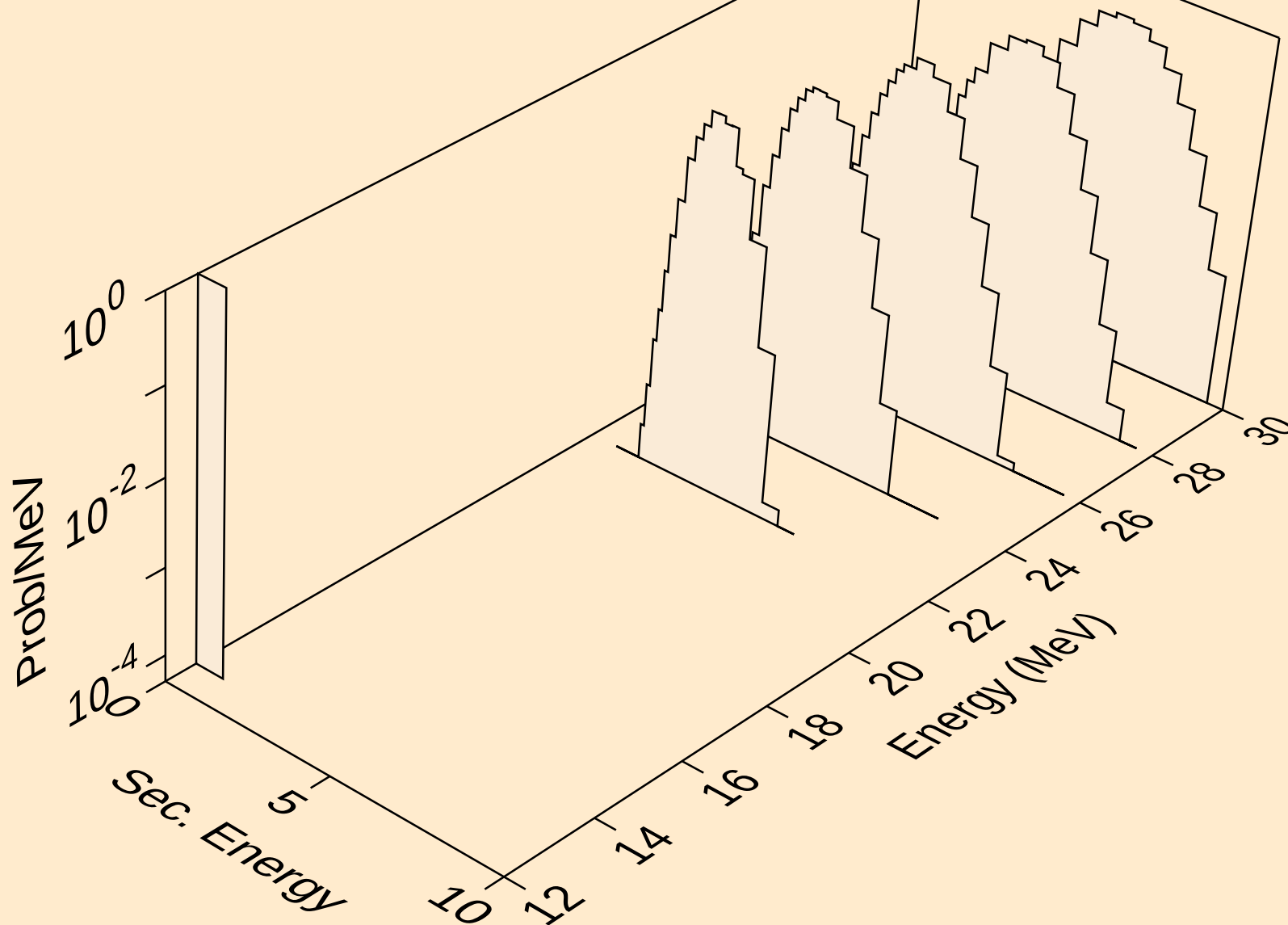
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deuterons from (p,d)



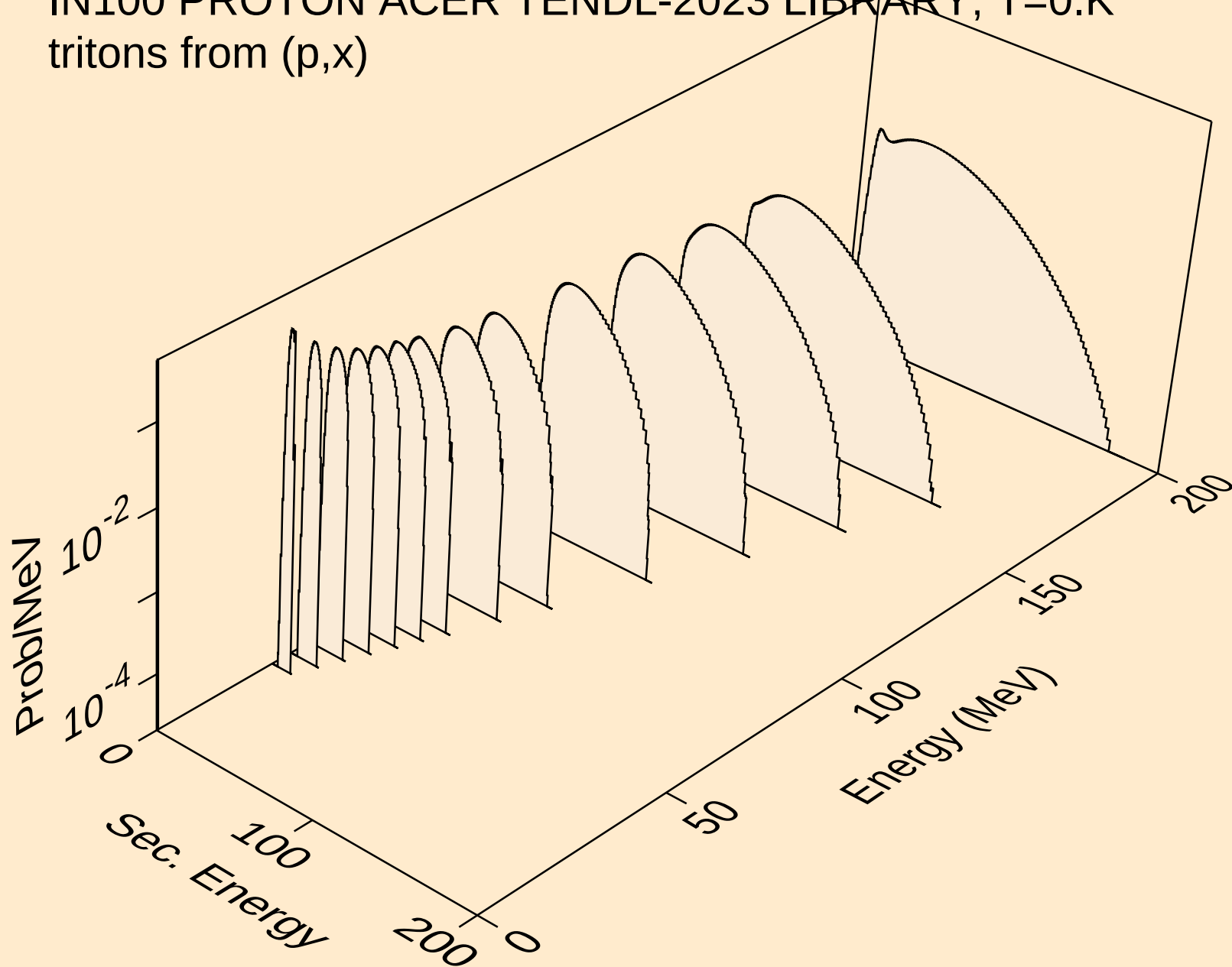
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



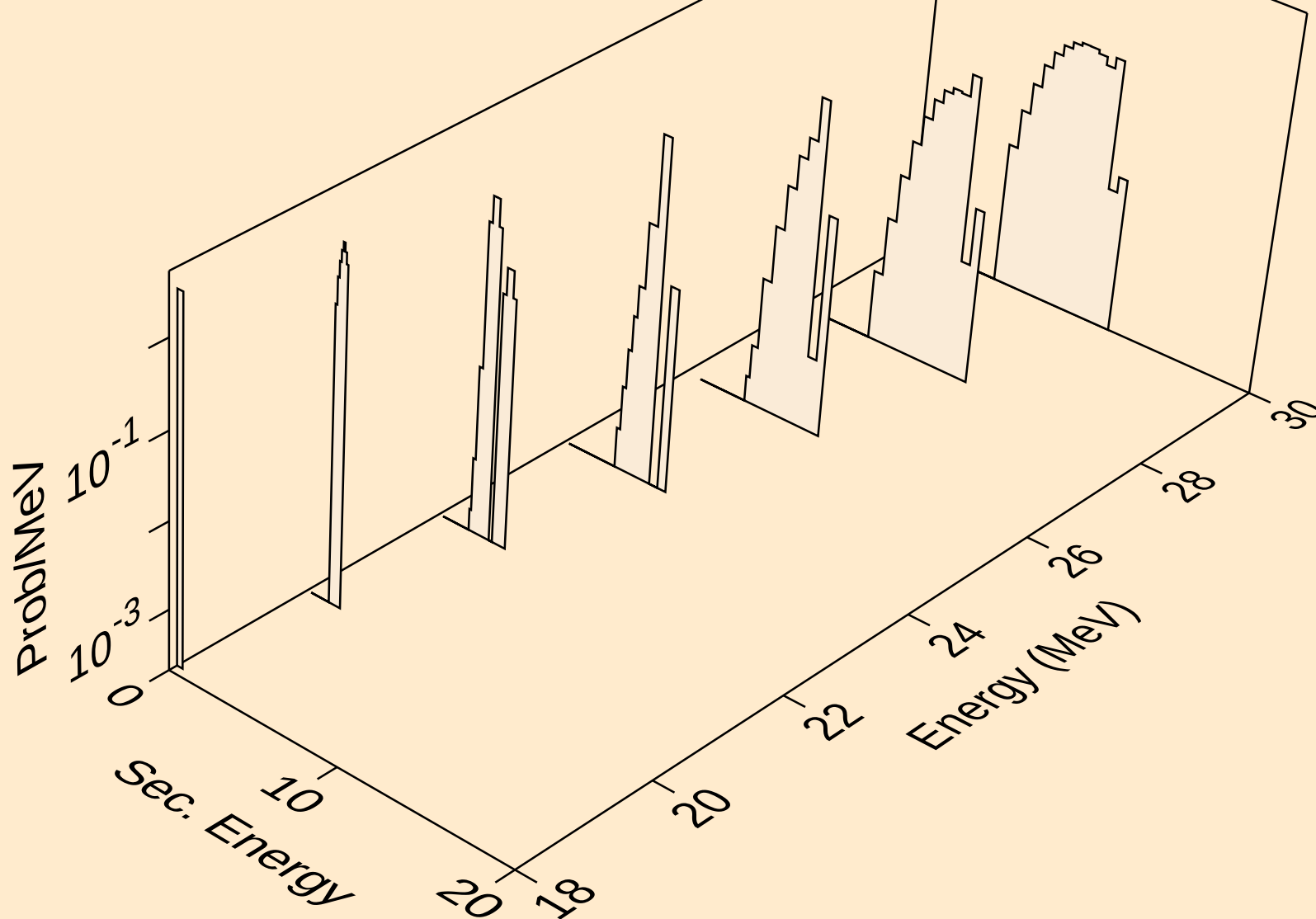
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



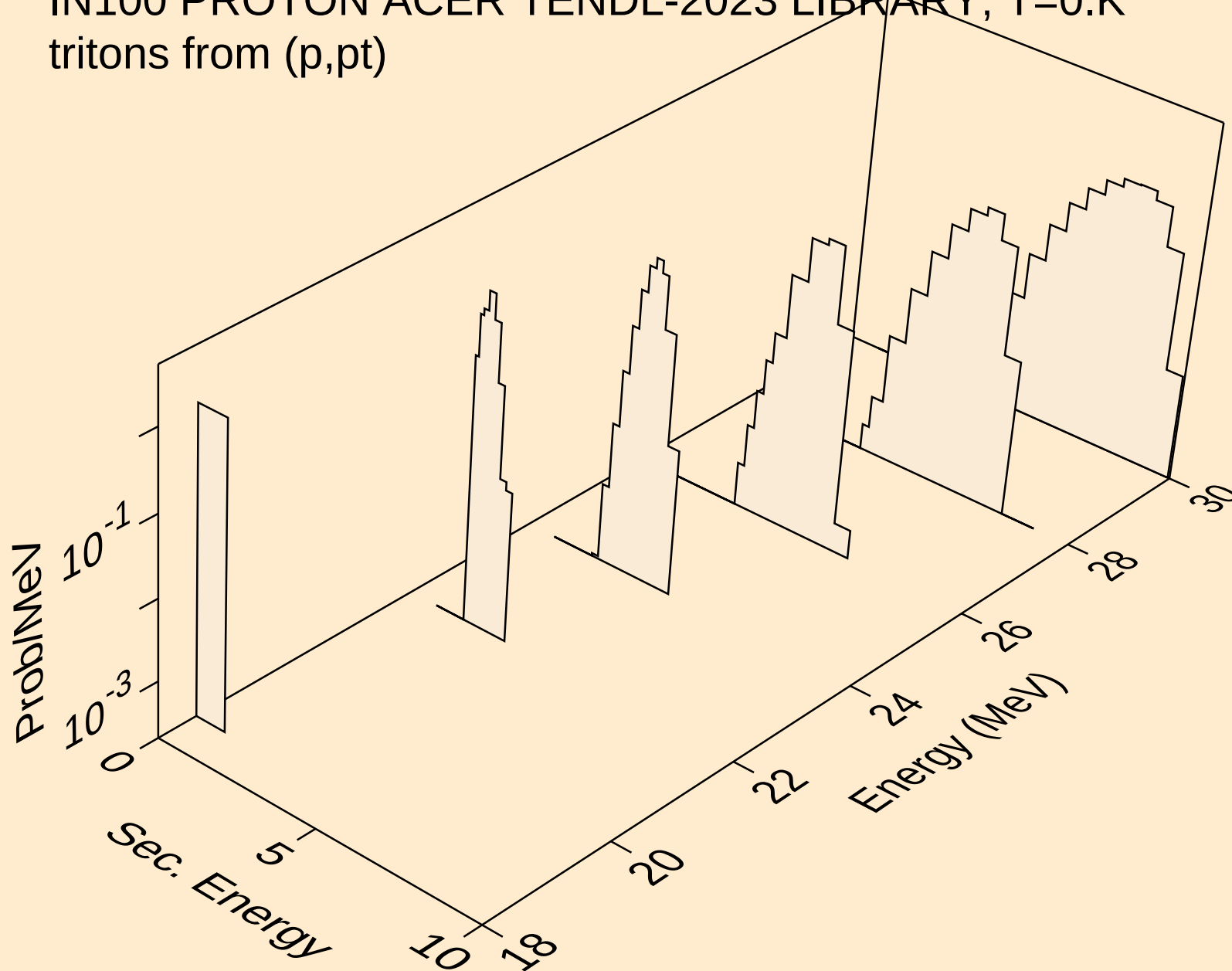
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



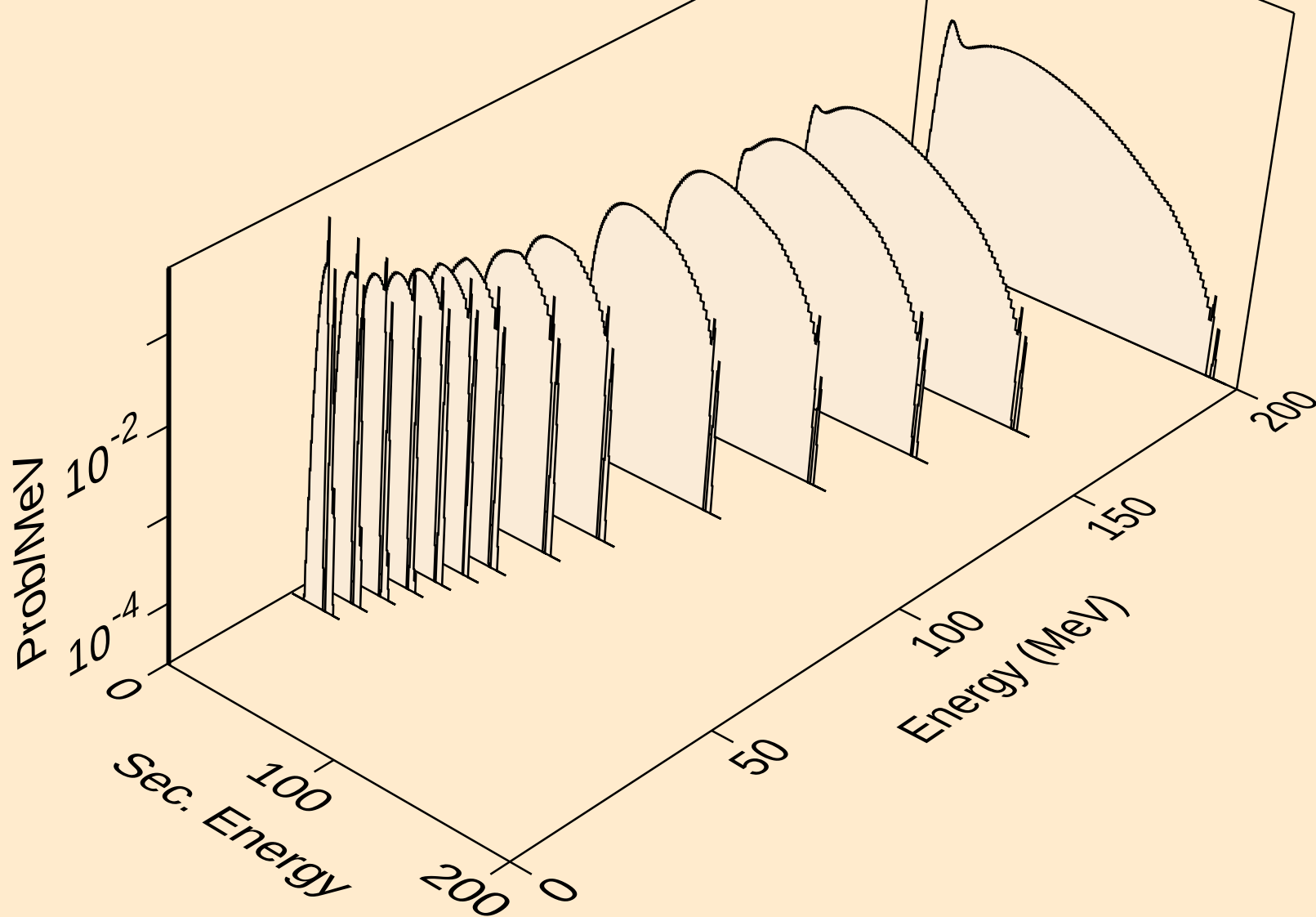
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



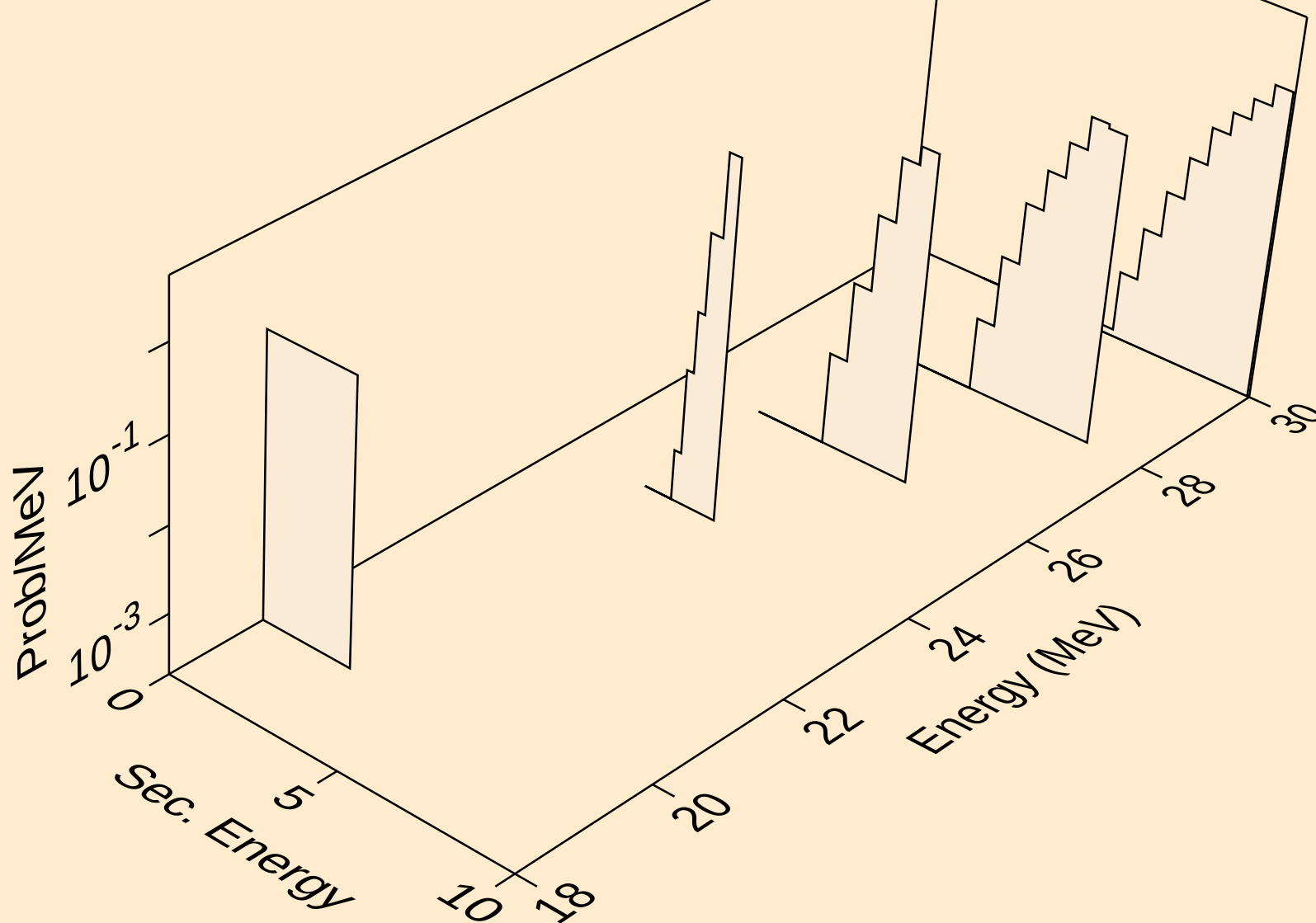
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

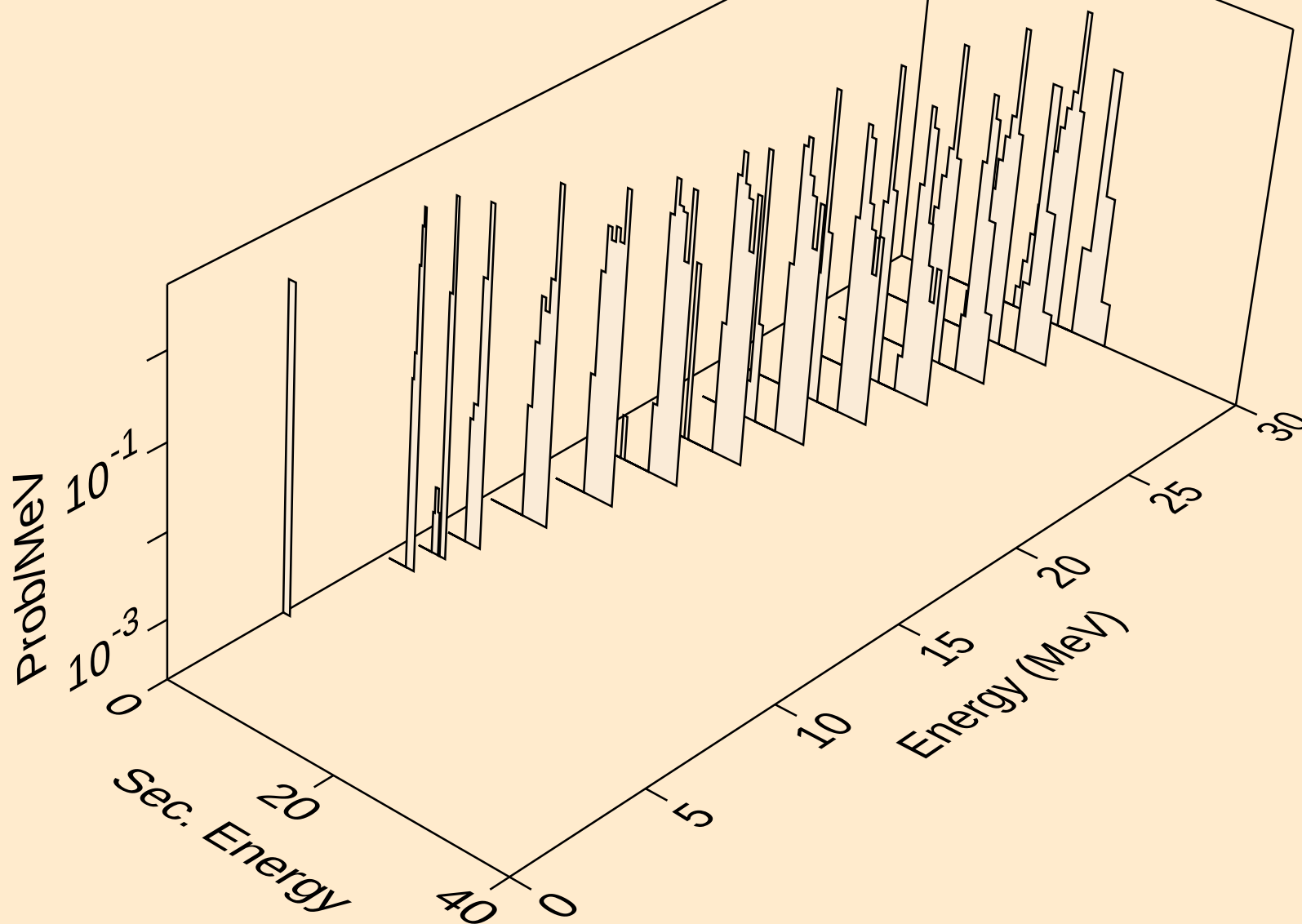


IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

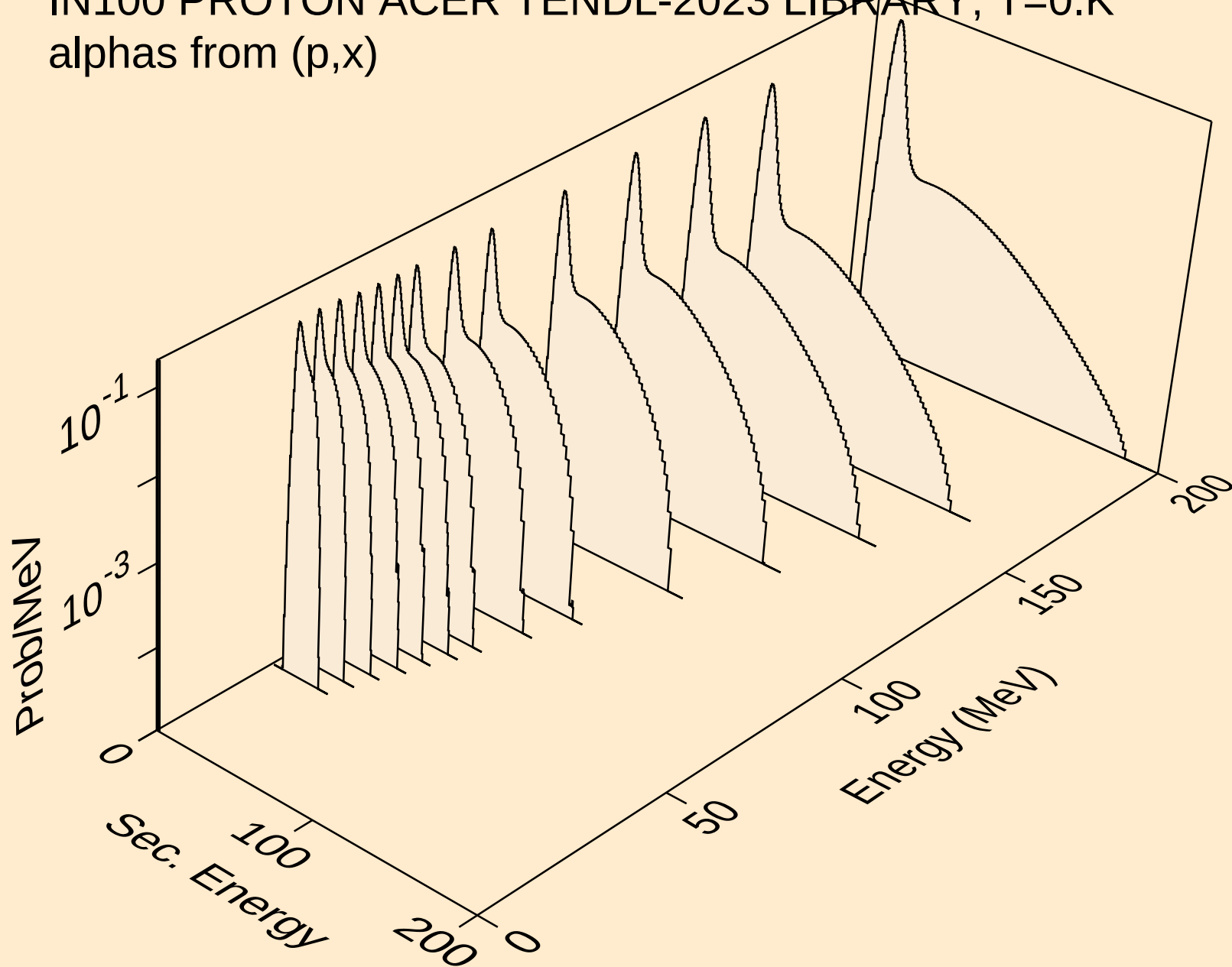




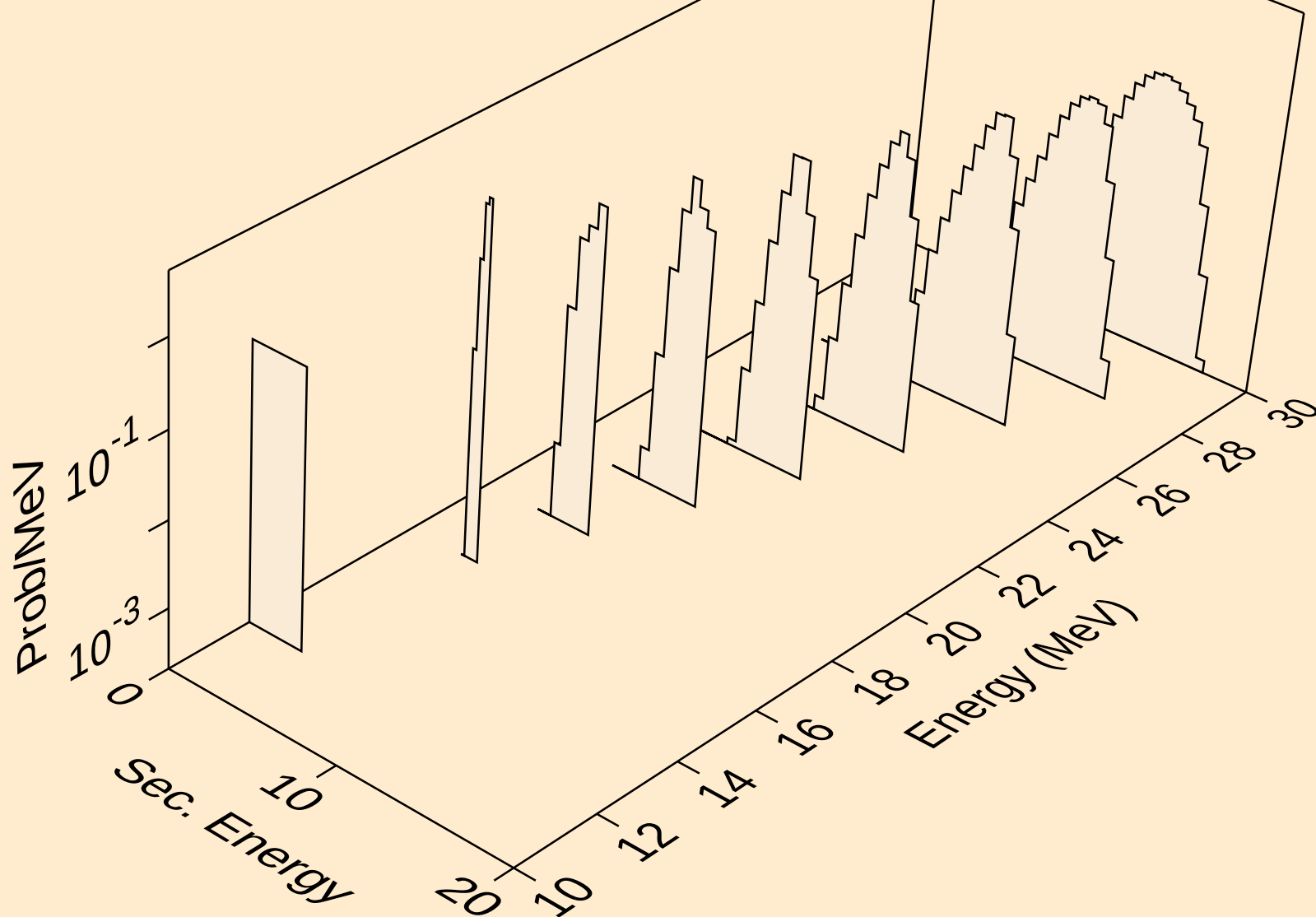
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he3s from (p,he3)



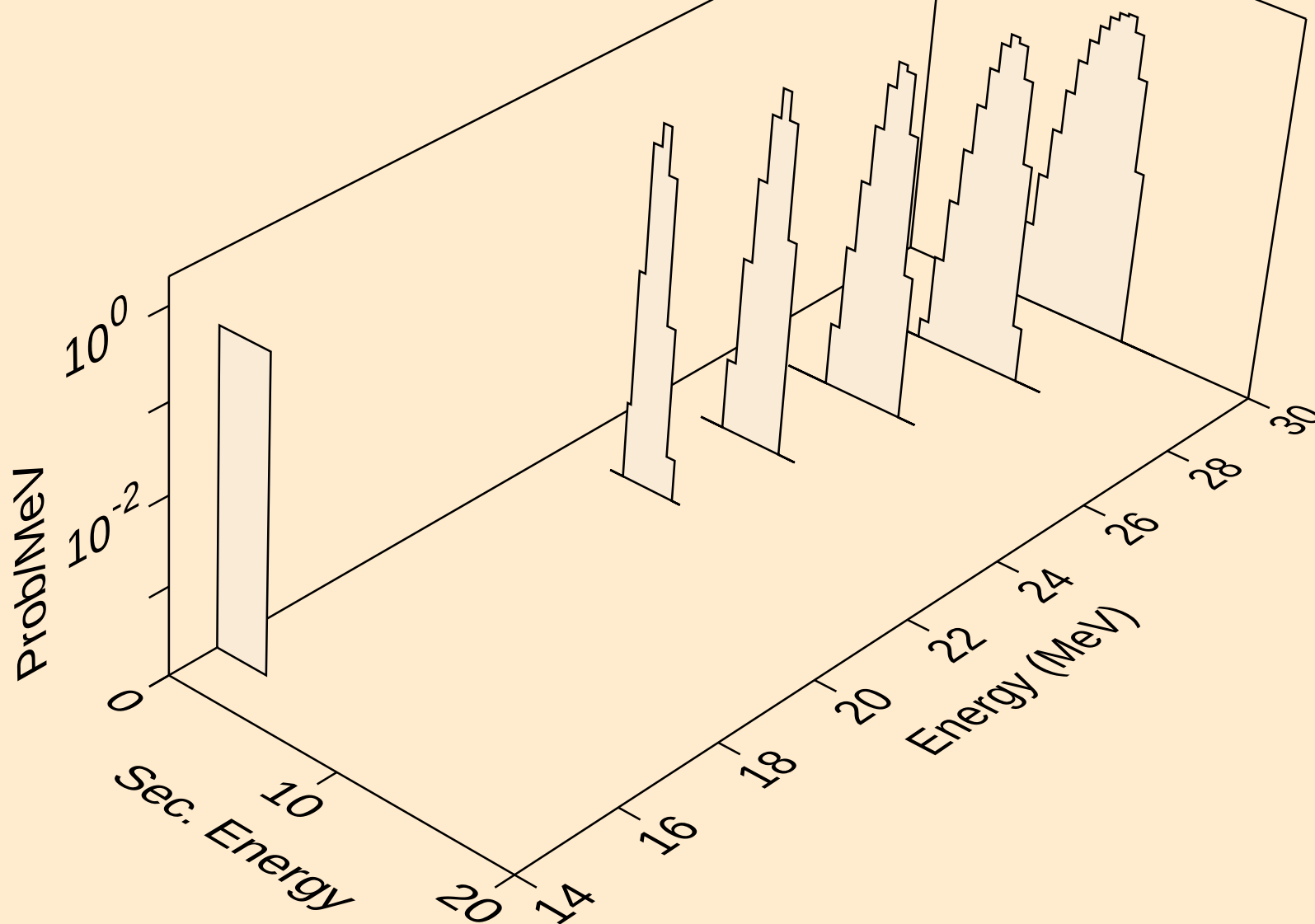
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



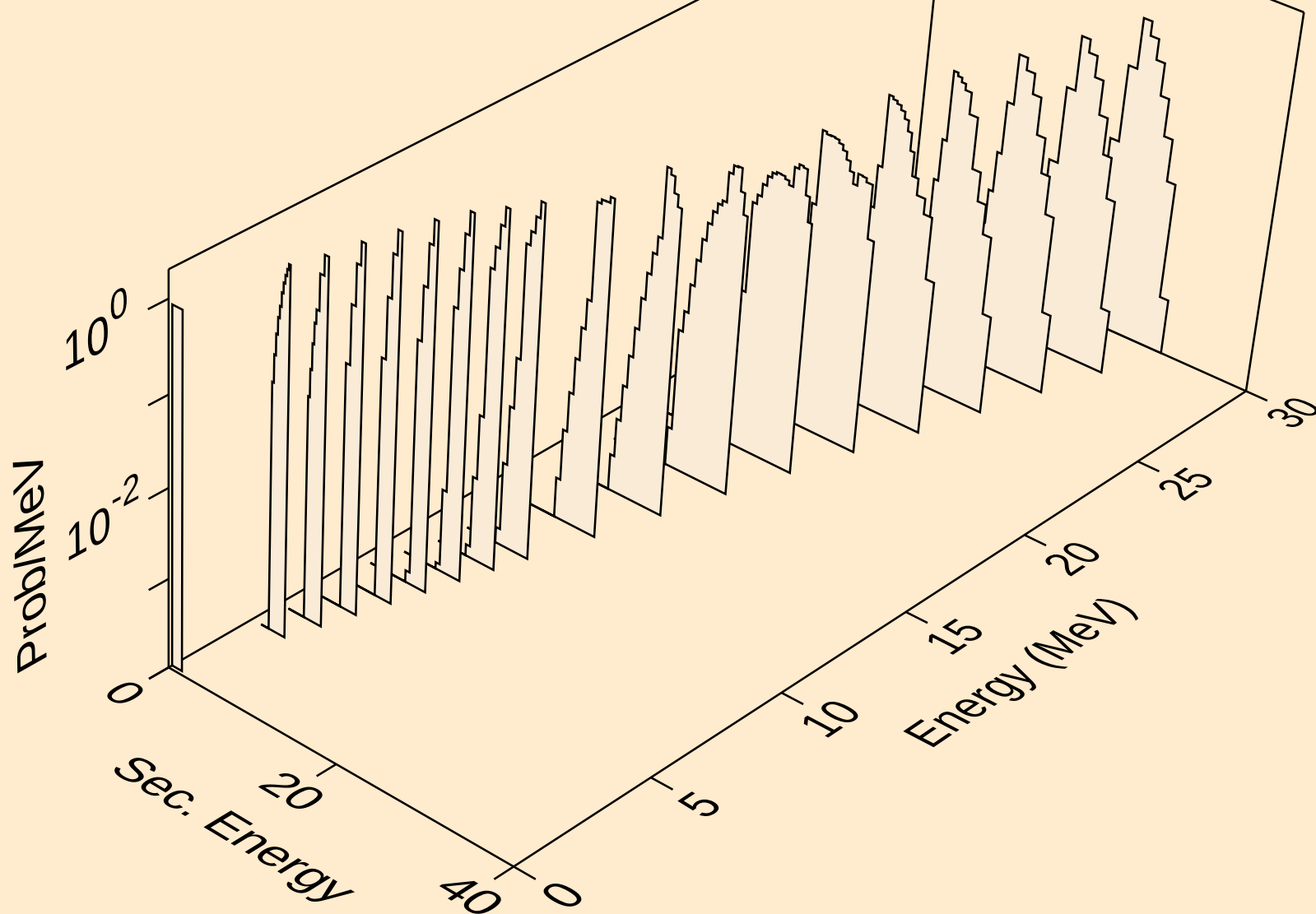
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



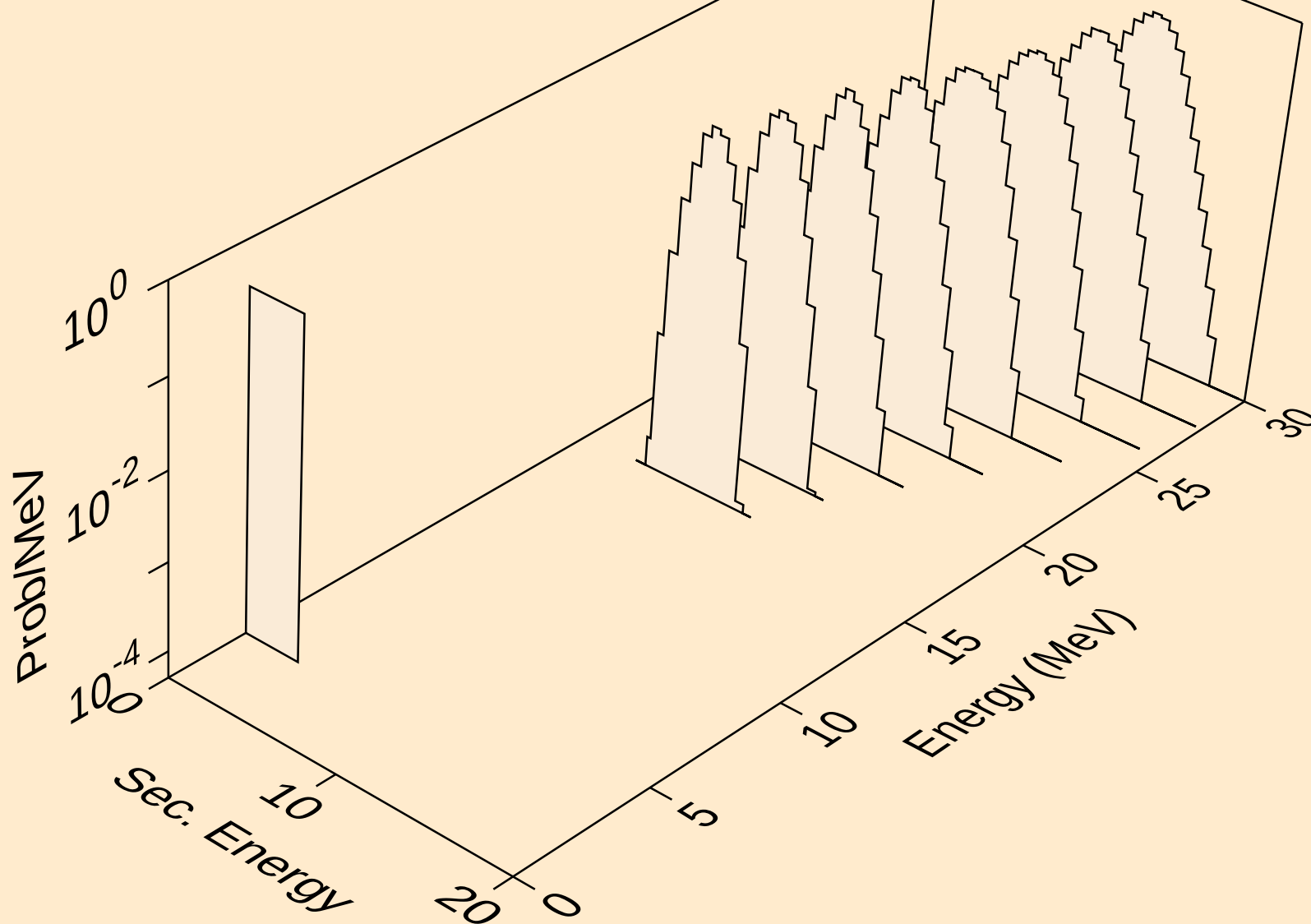
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



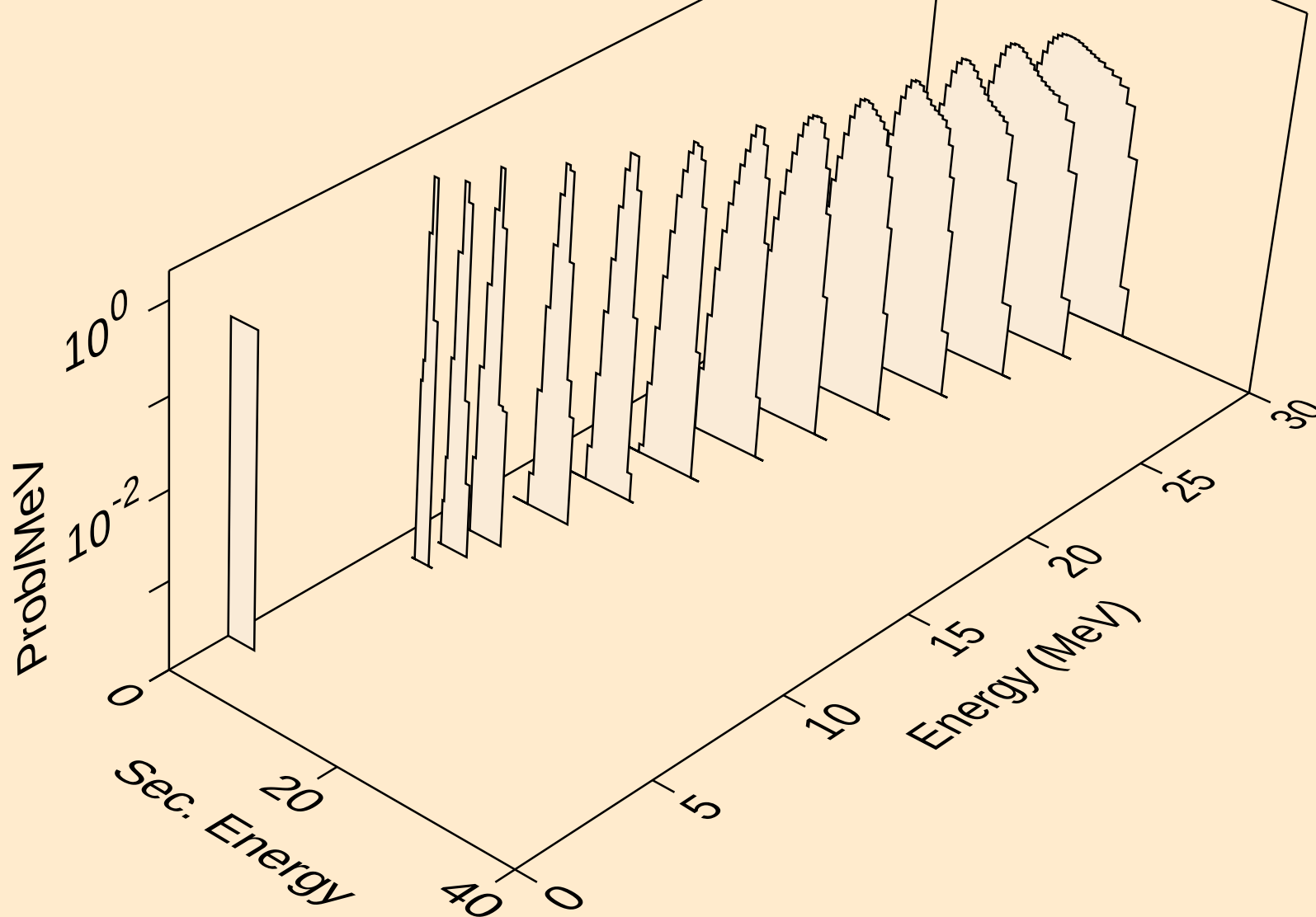
IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



IN100 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

