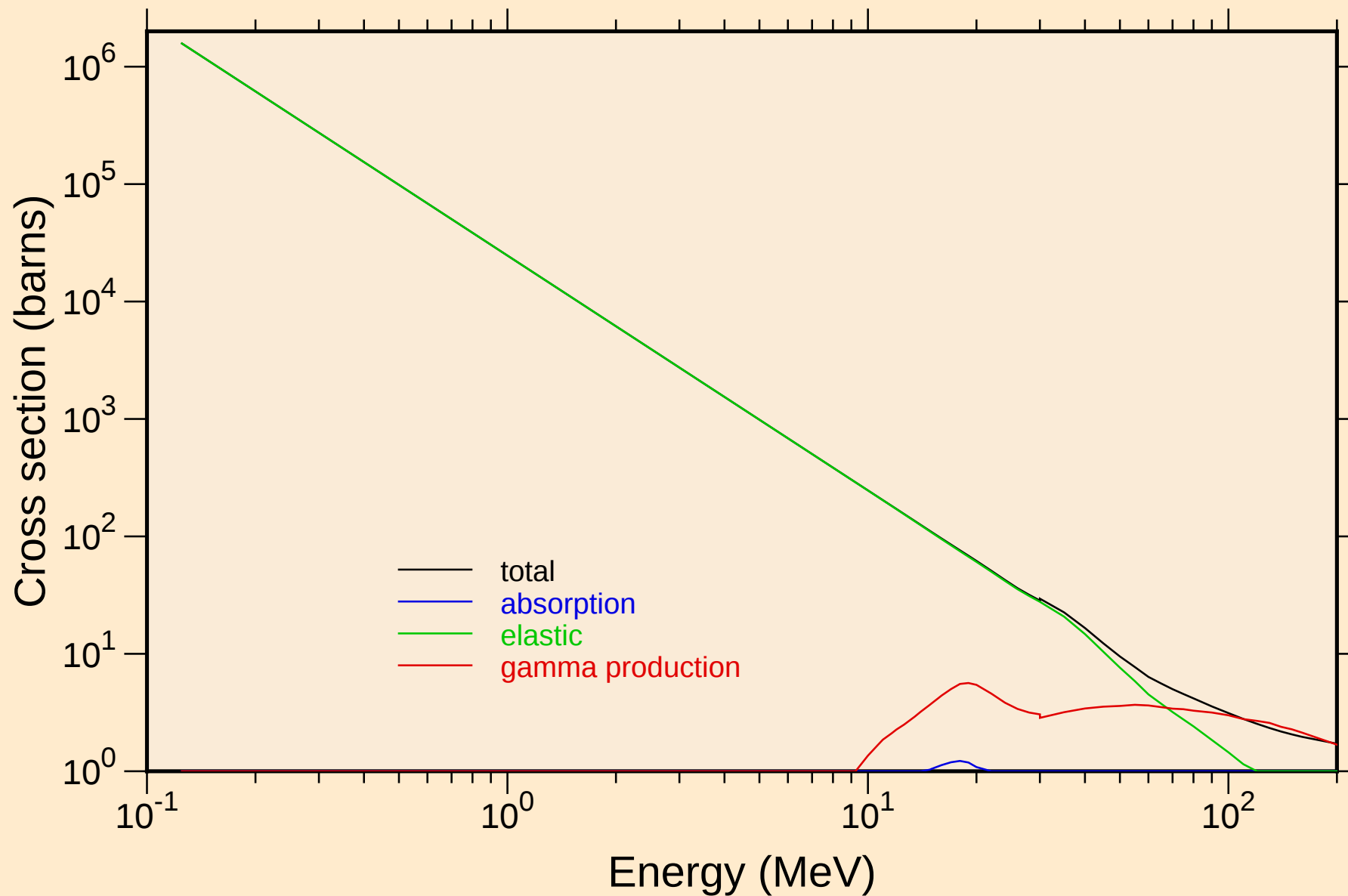


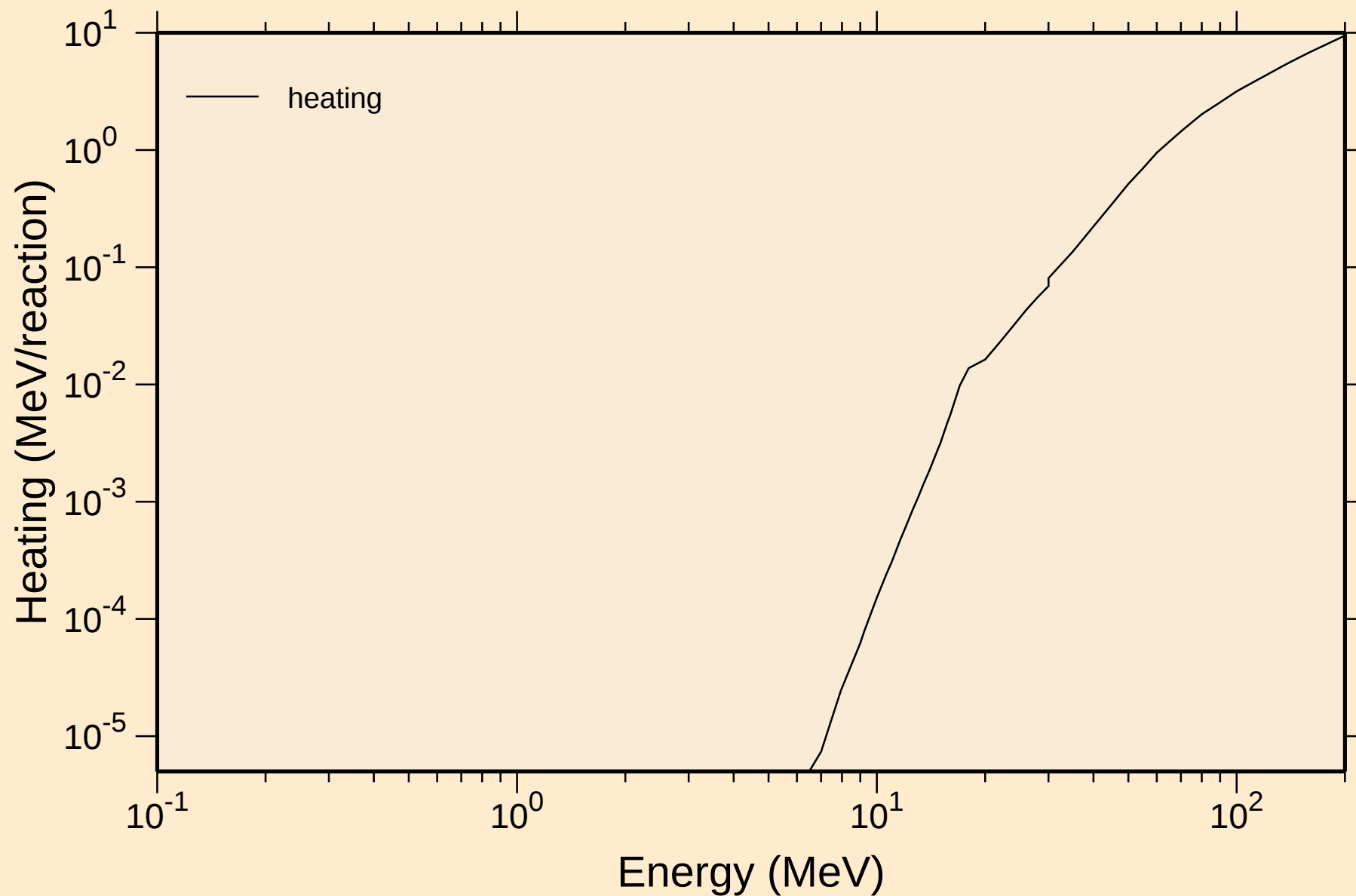
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



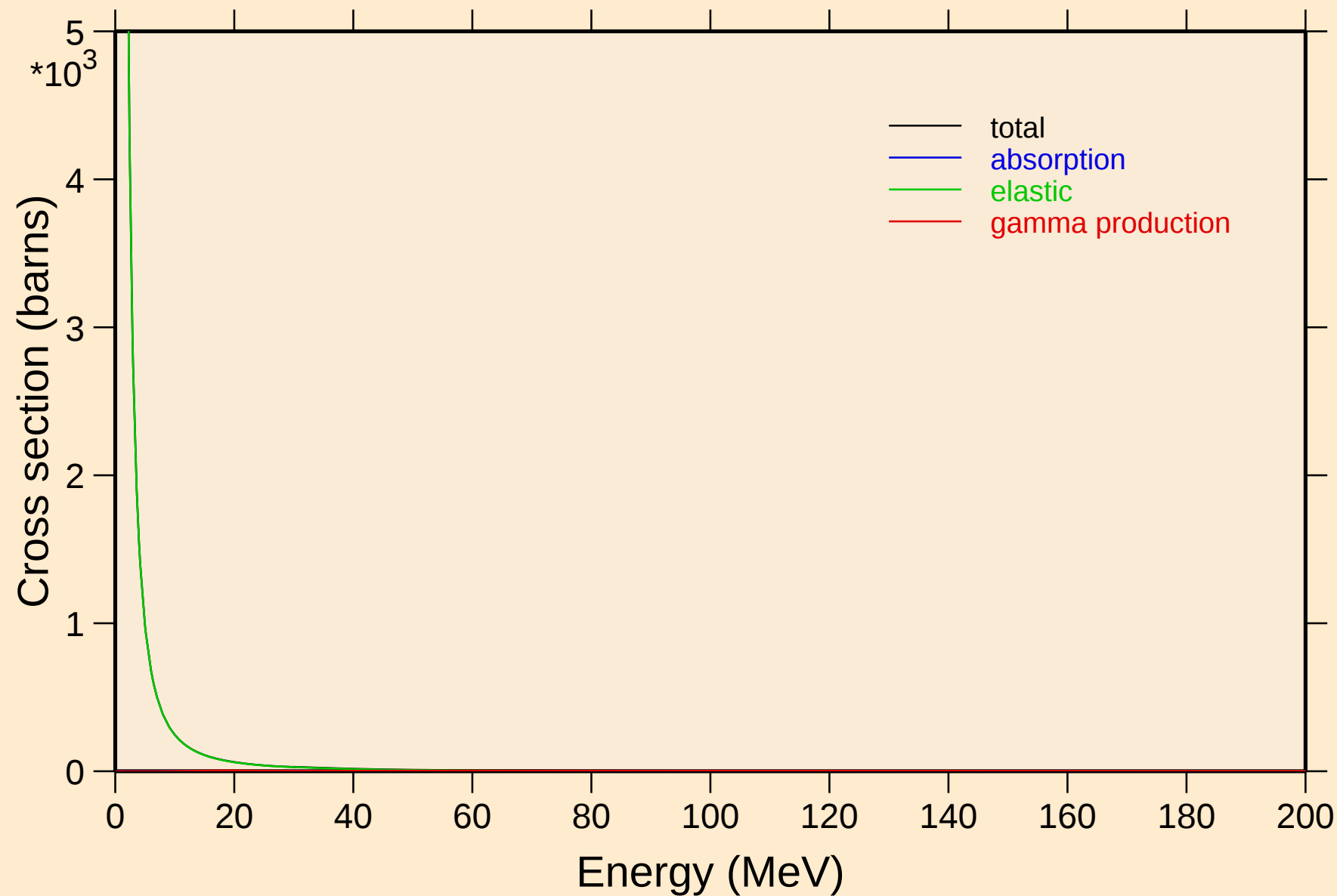
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



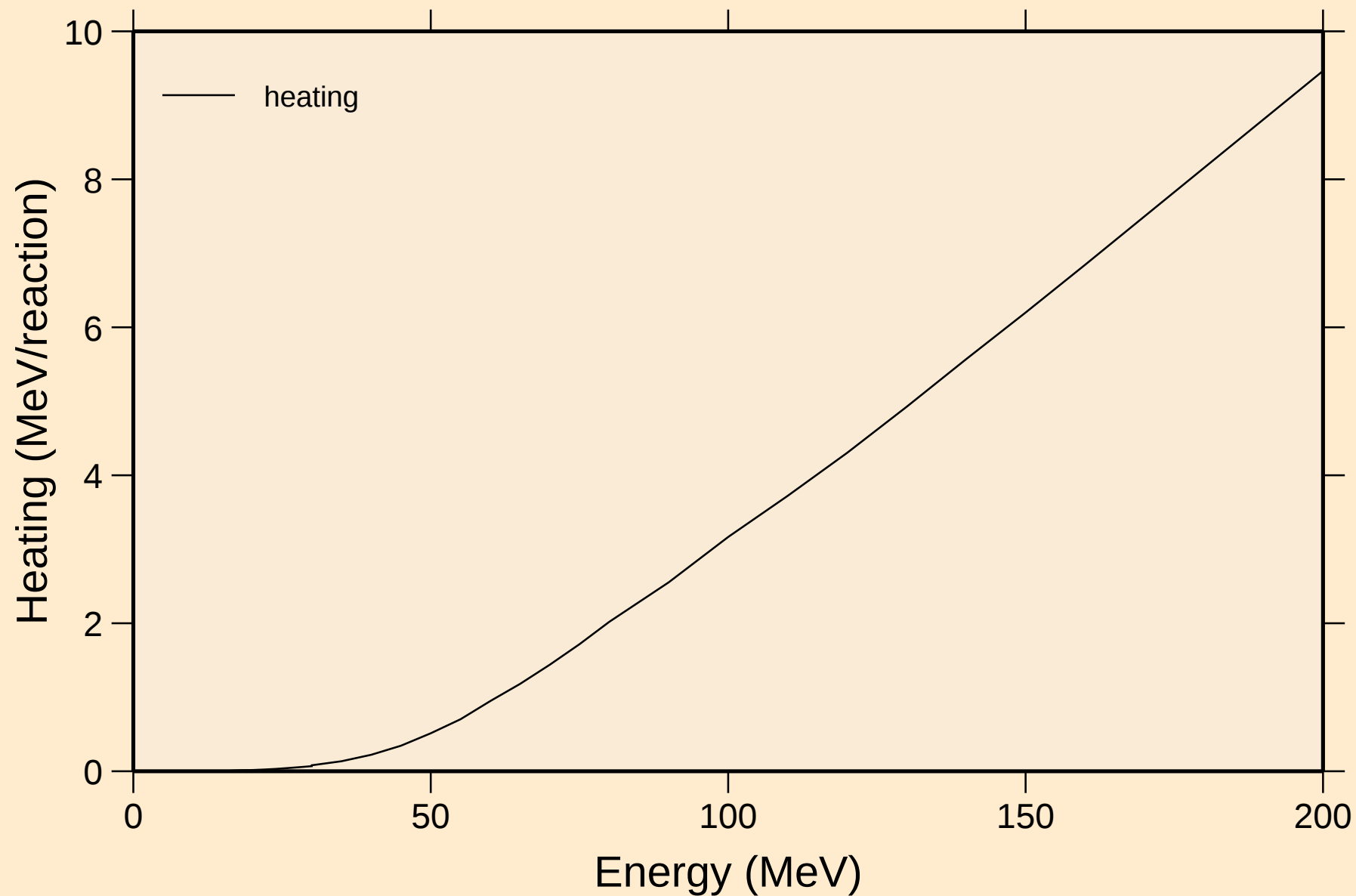
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



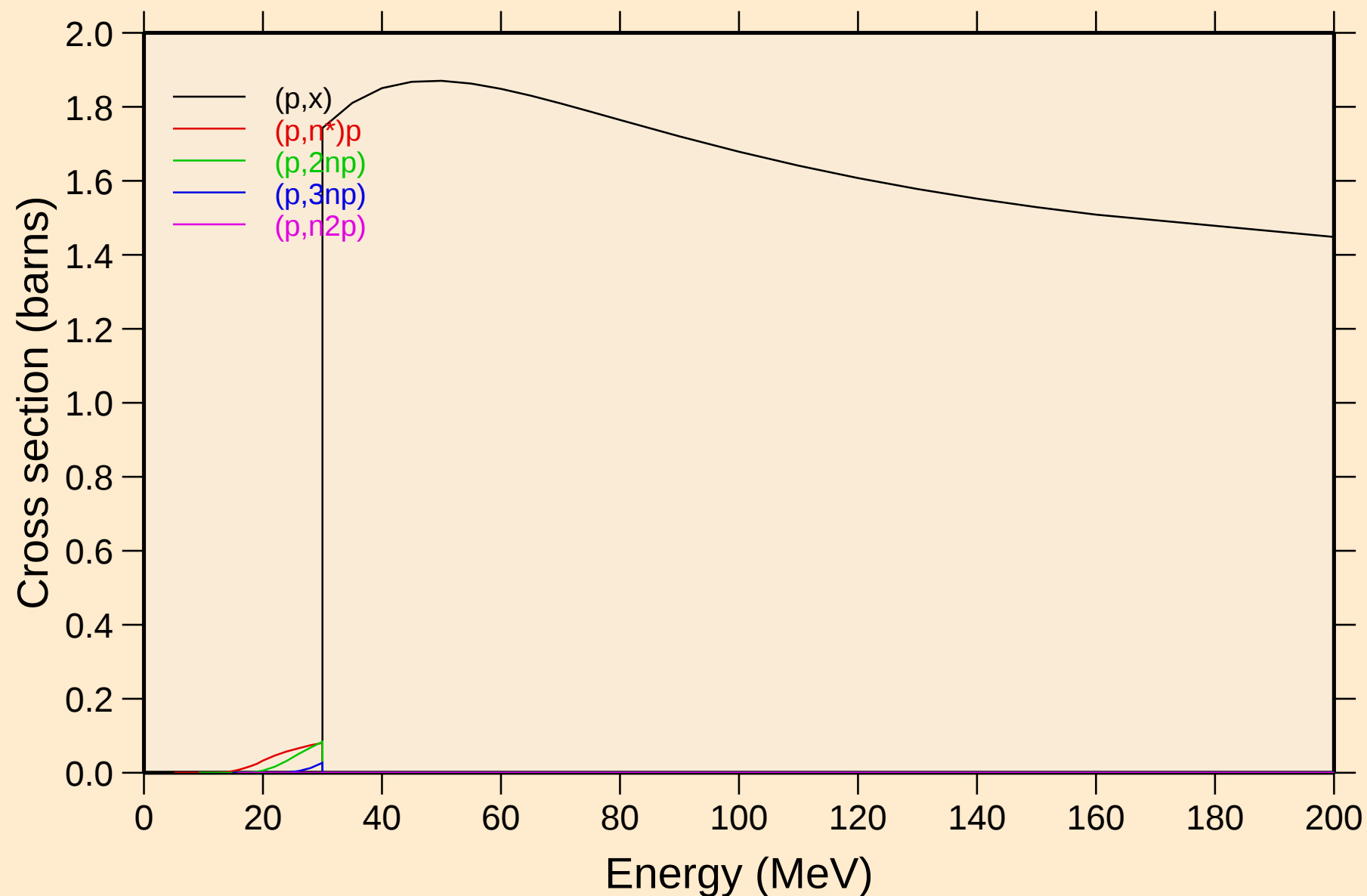
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



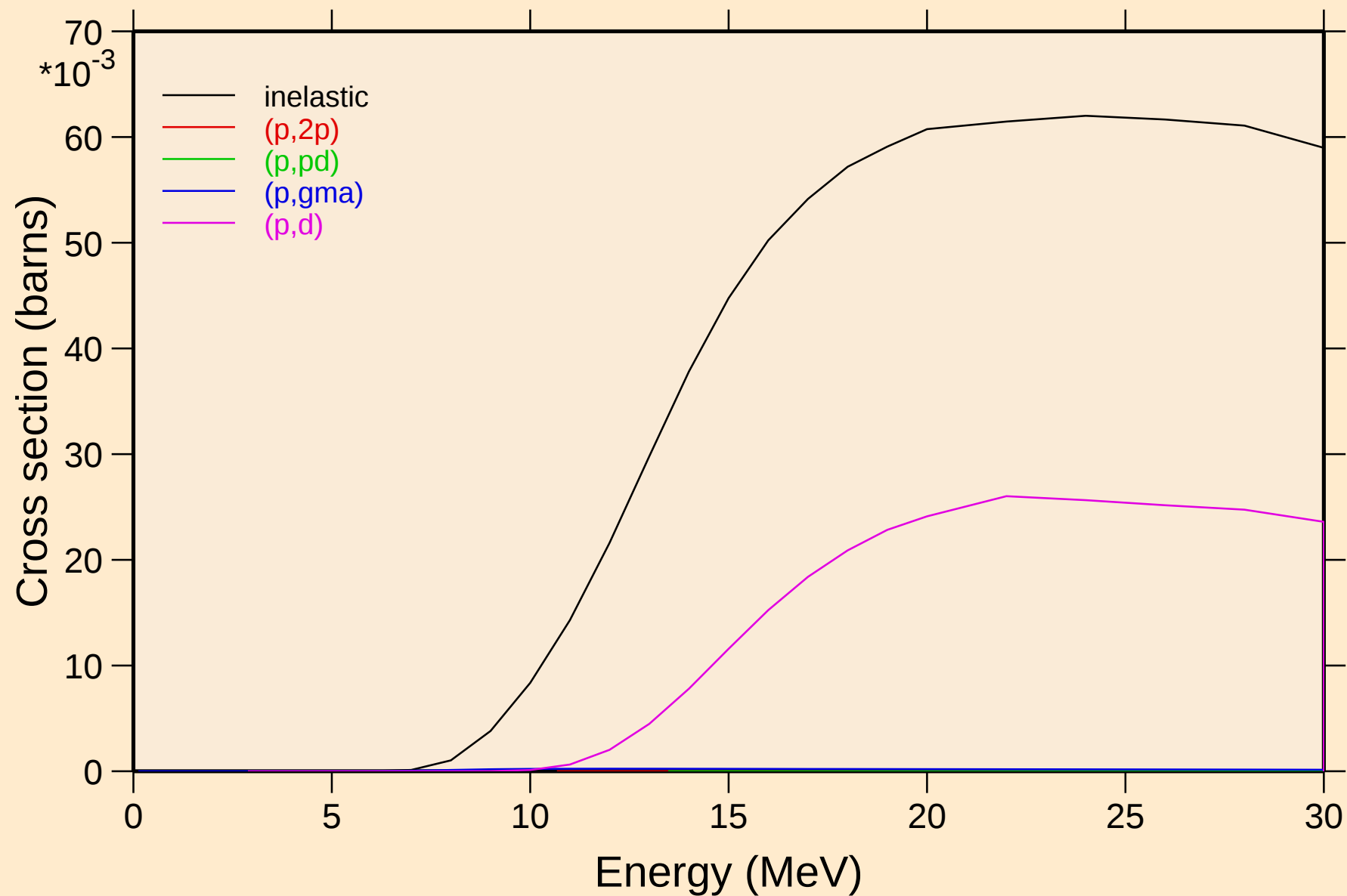
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



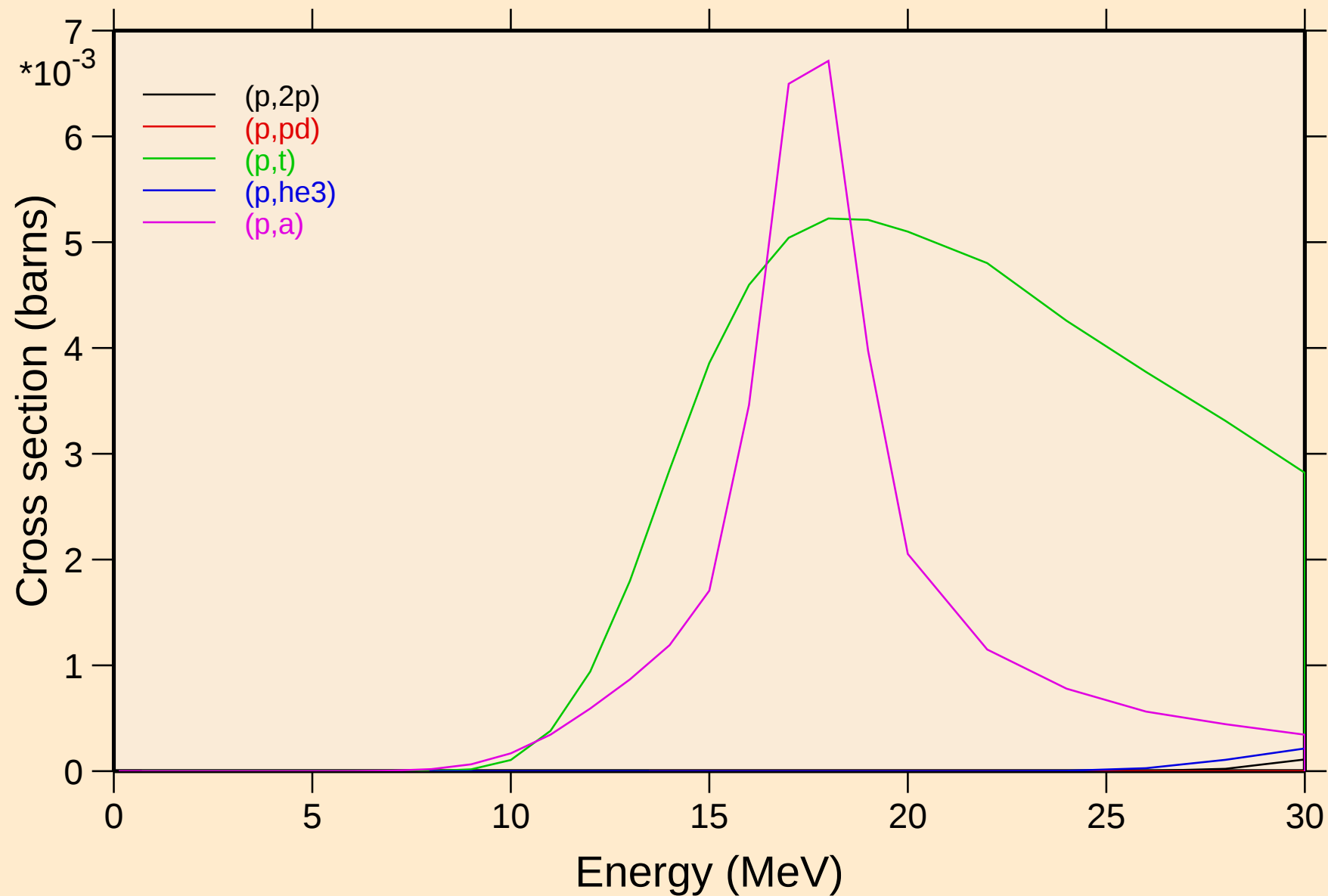
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



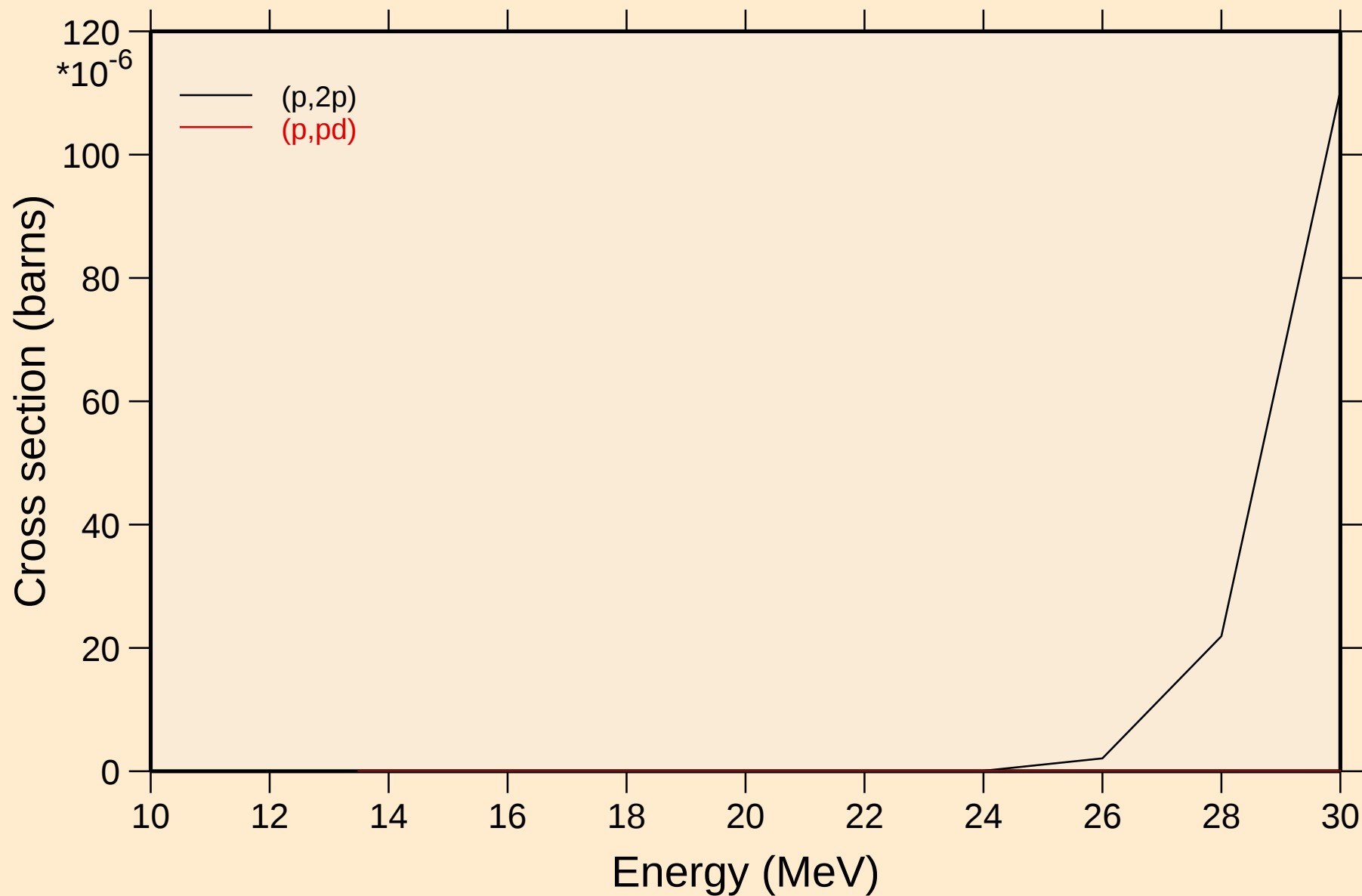
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

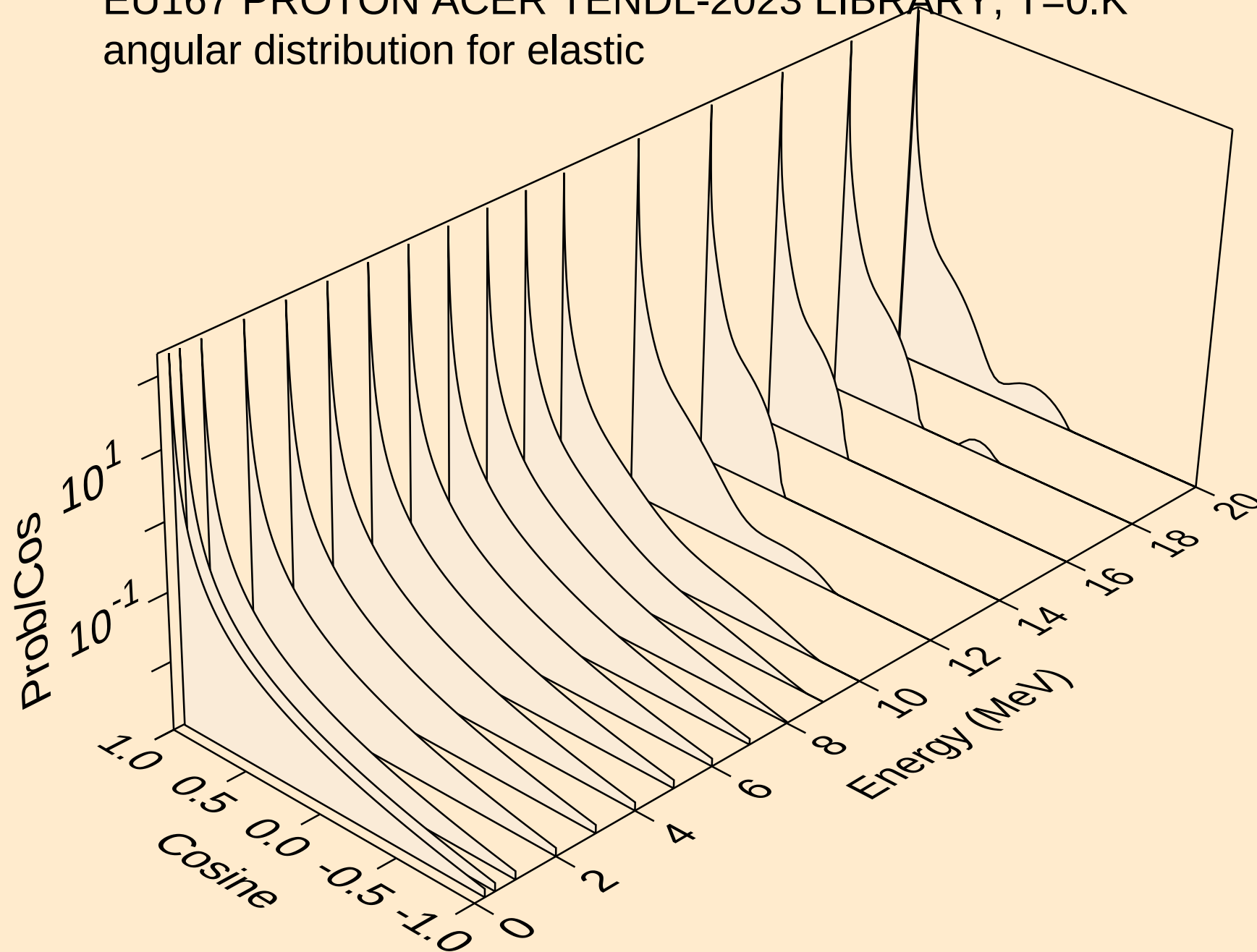


# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

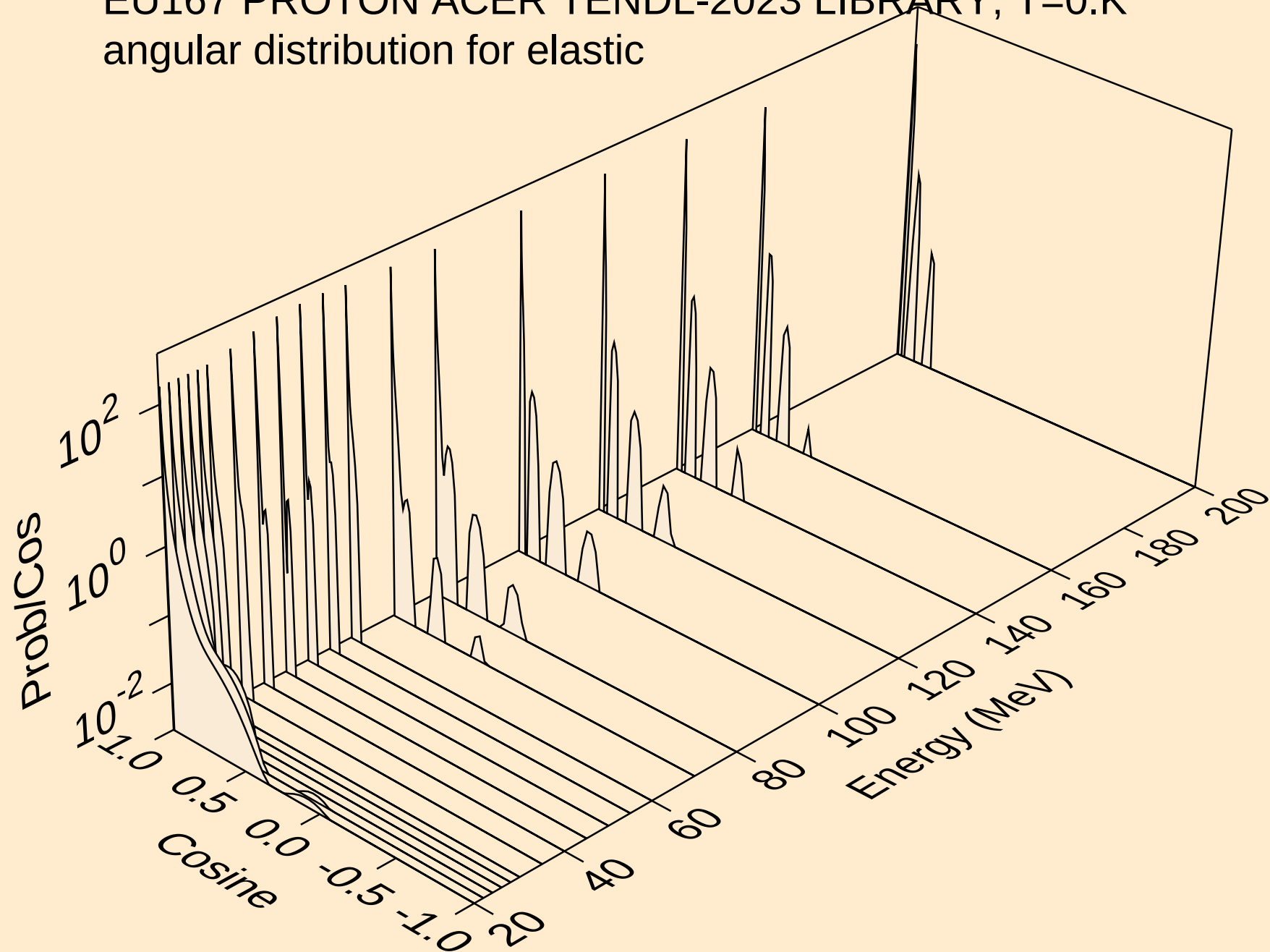
## Threshold reactions



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

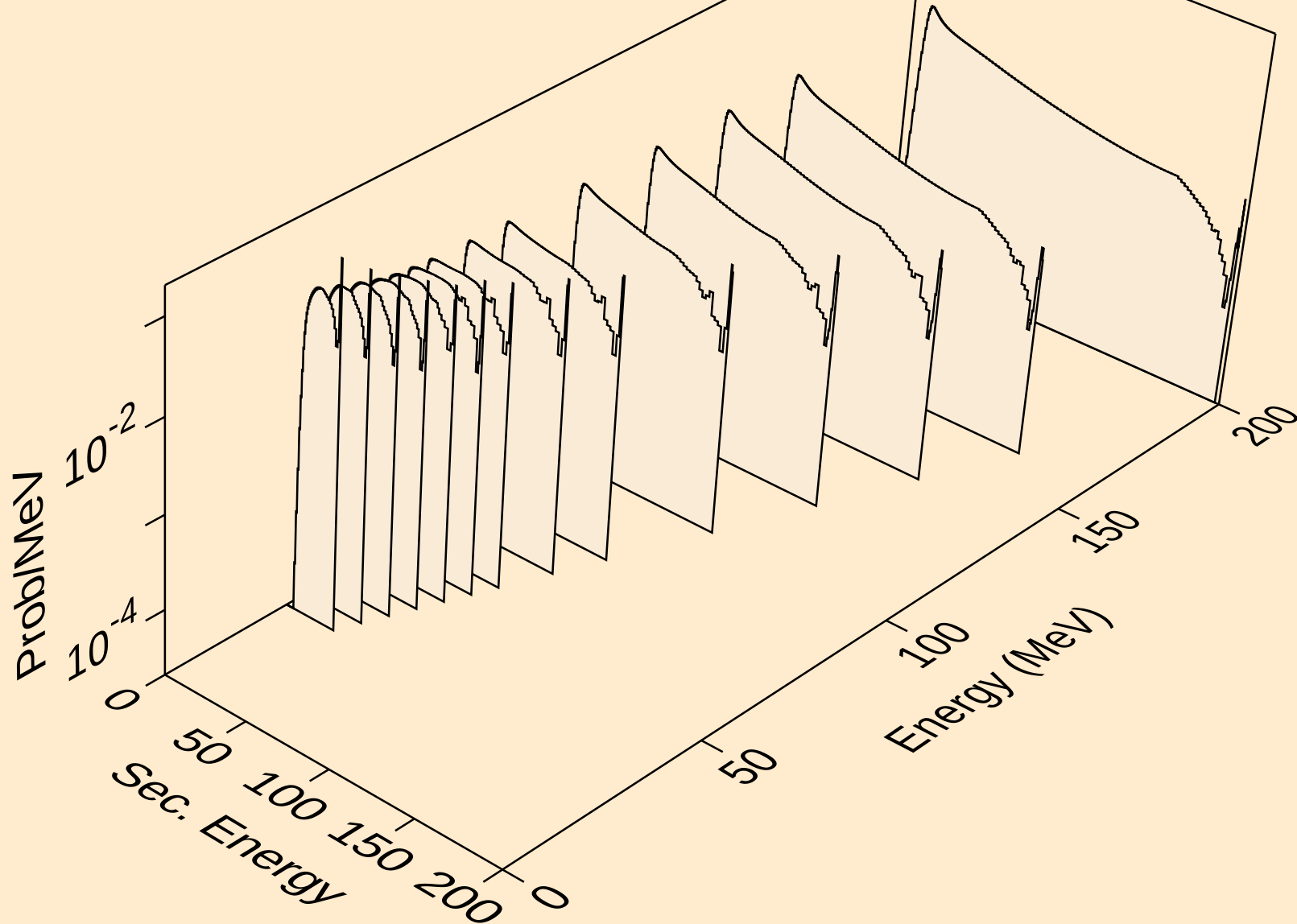


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



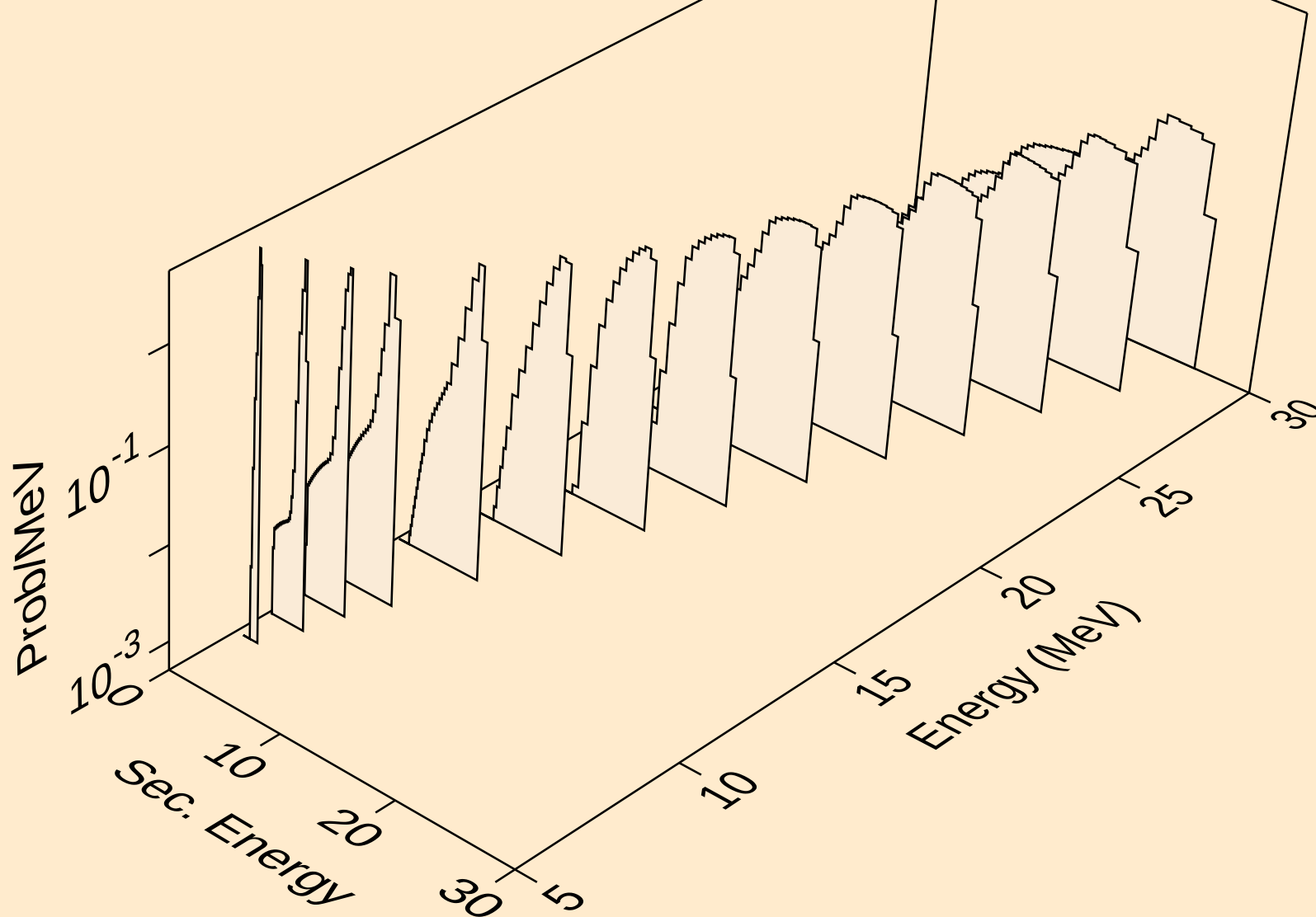
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

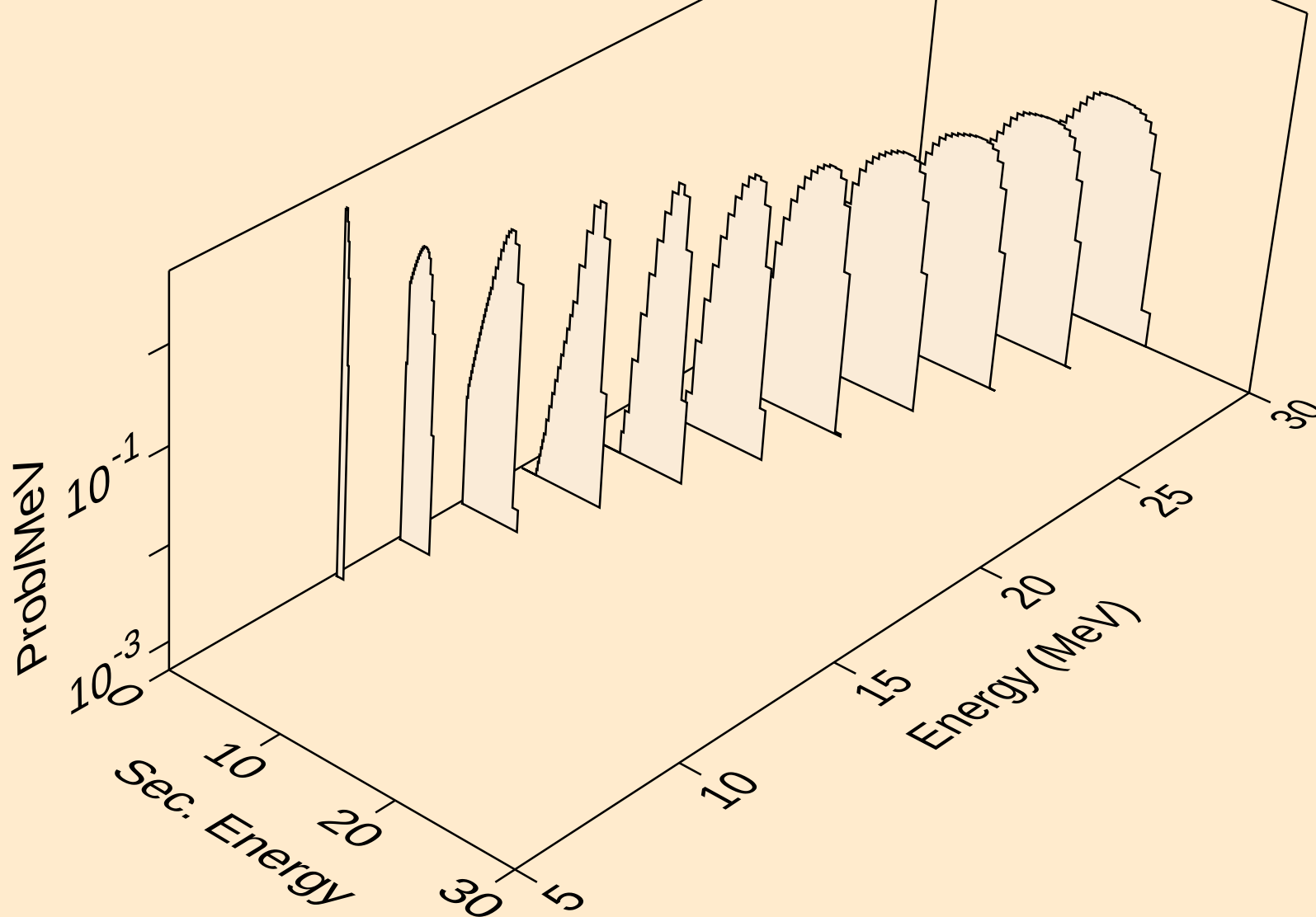


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

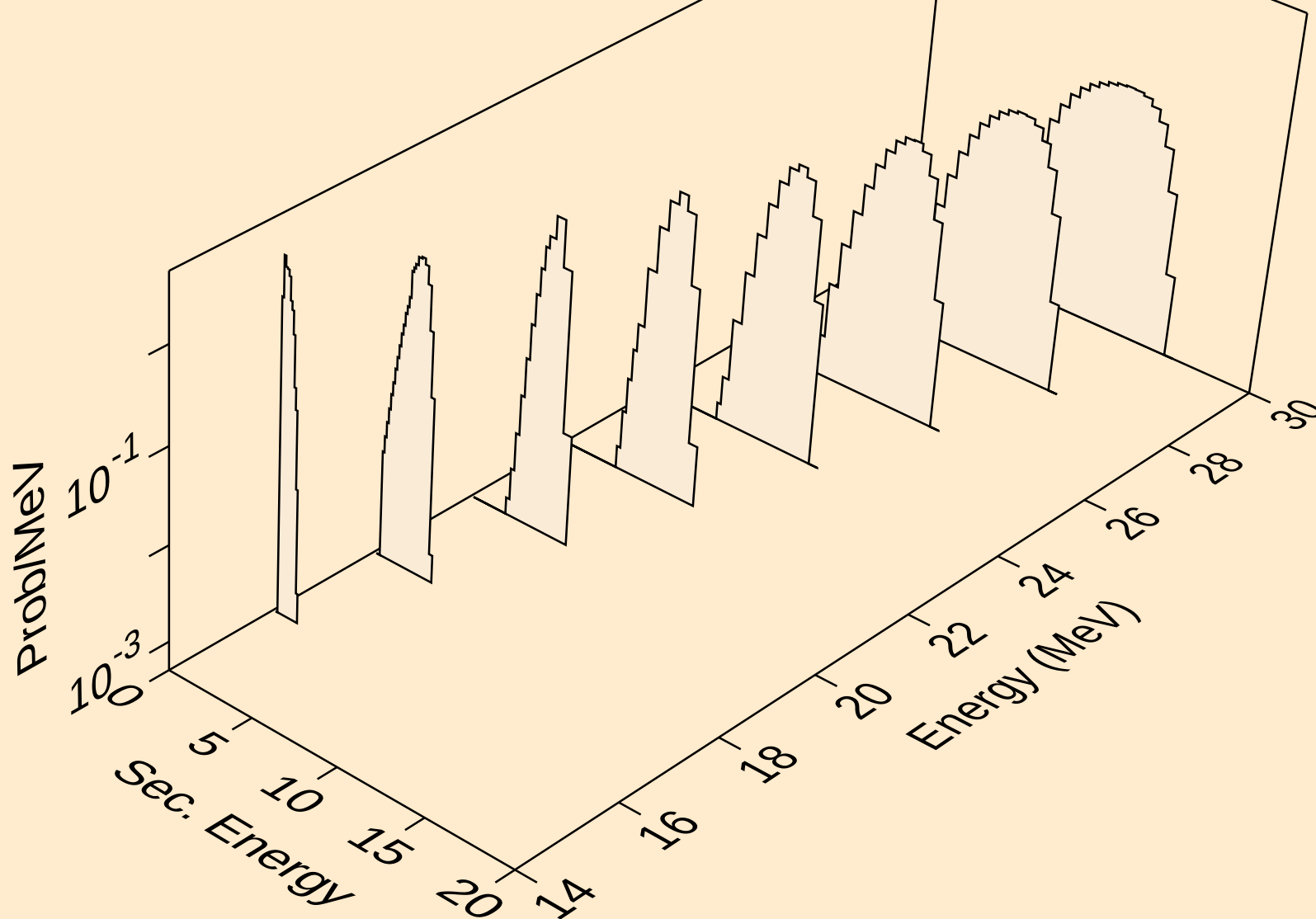
Proton emission for (p,n\*)p



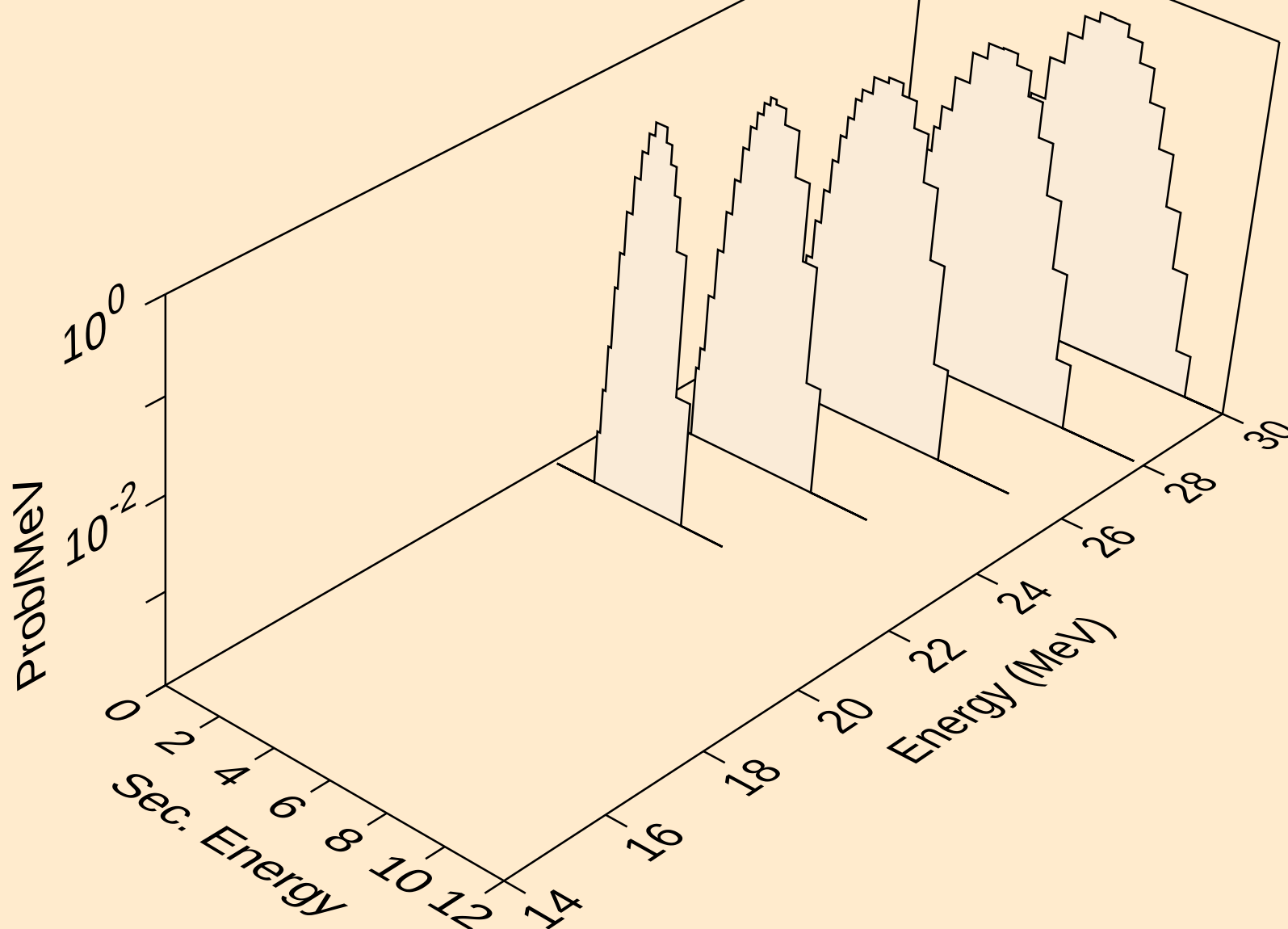
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



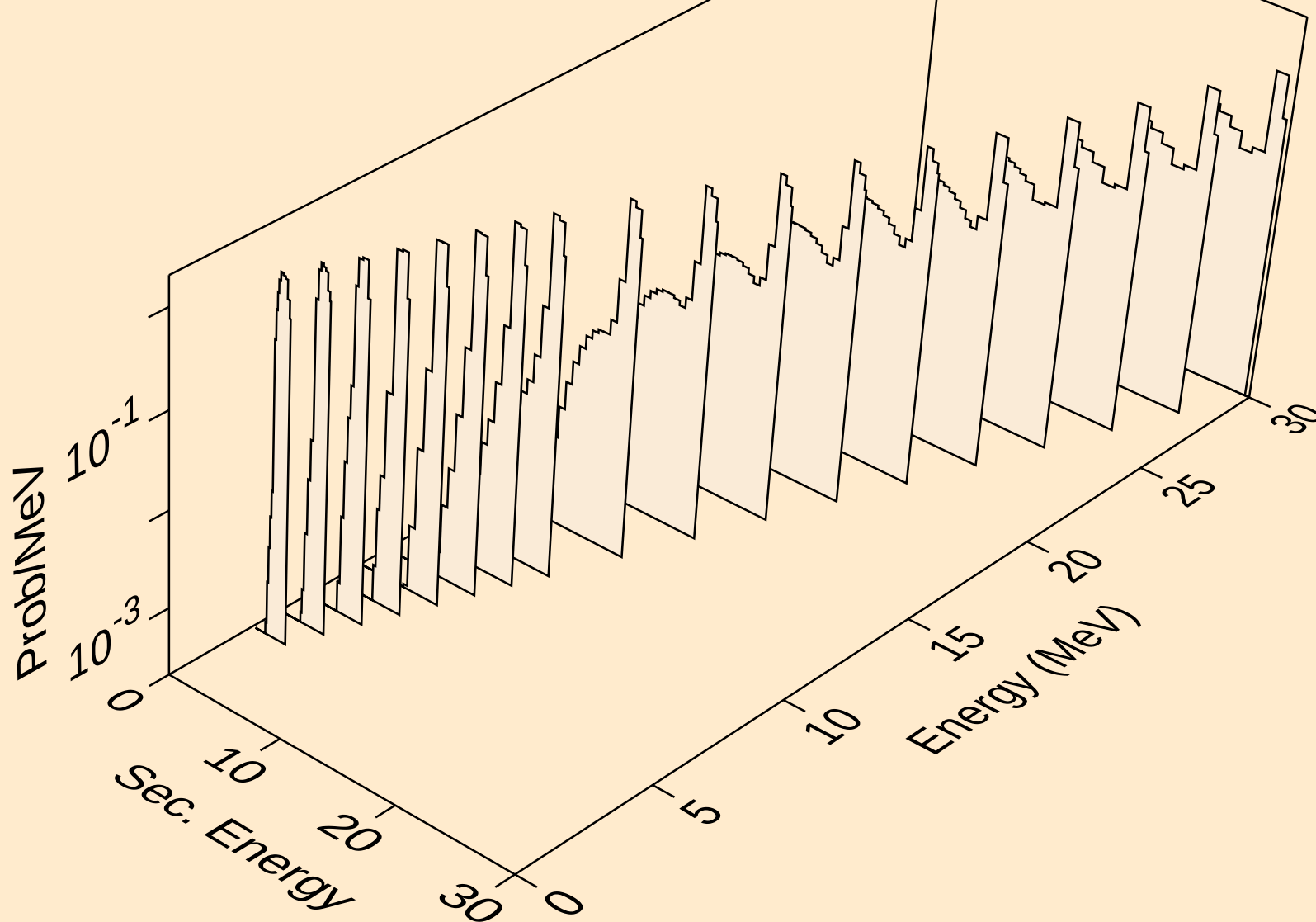
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

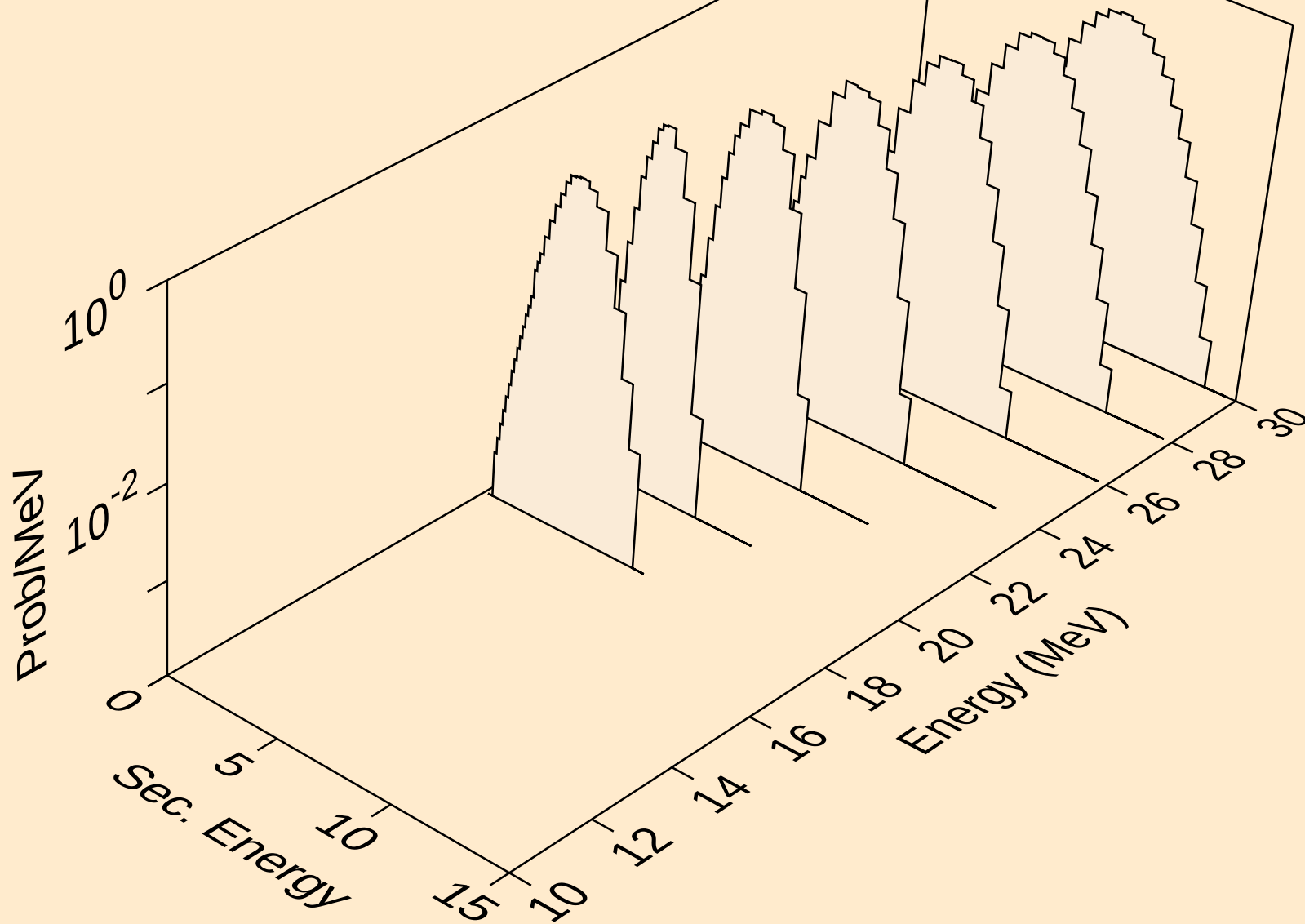


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



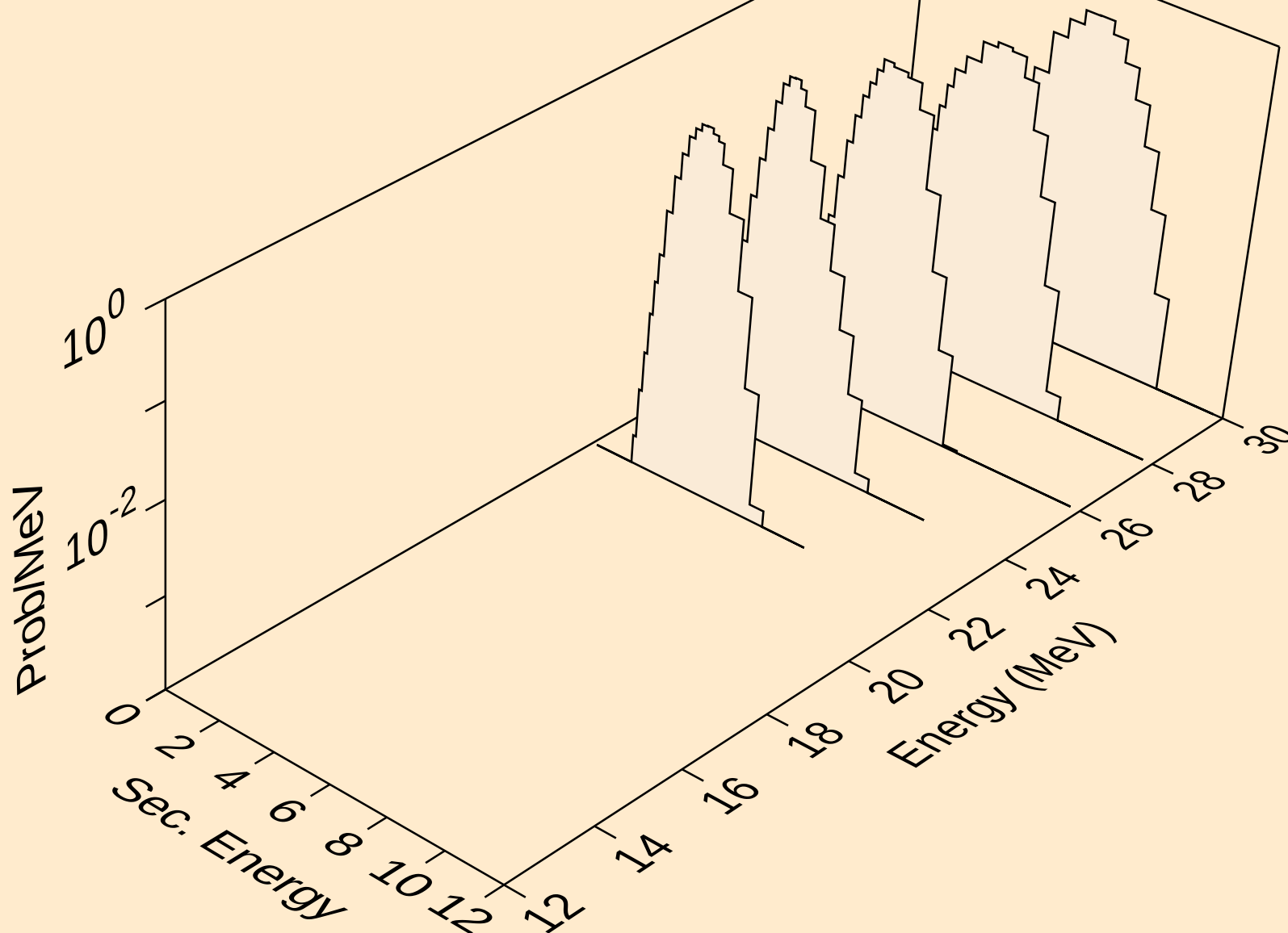
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)

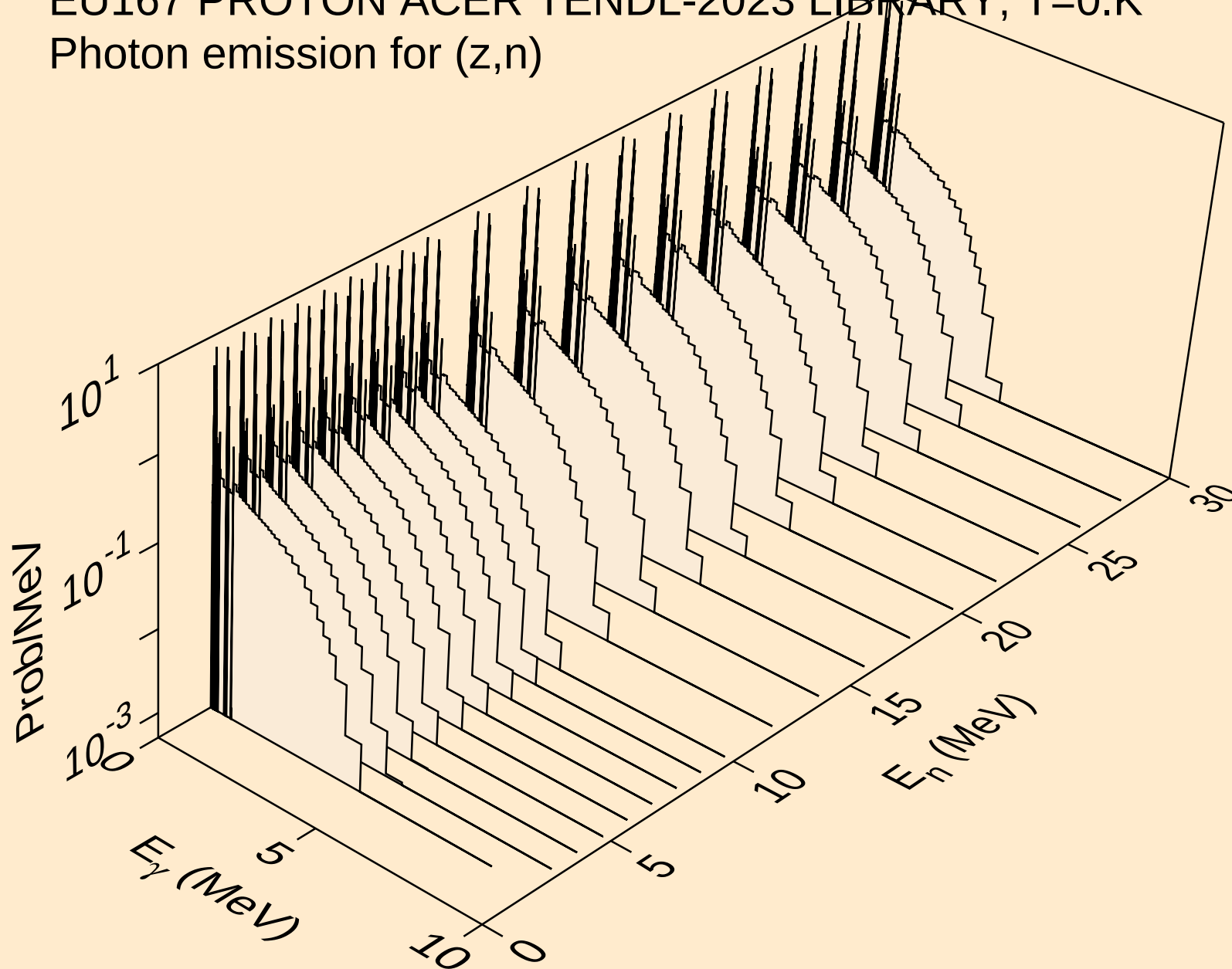


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pd)

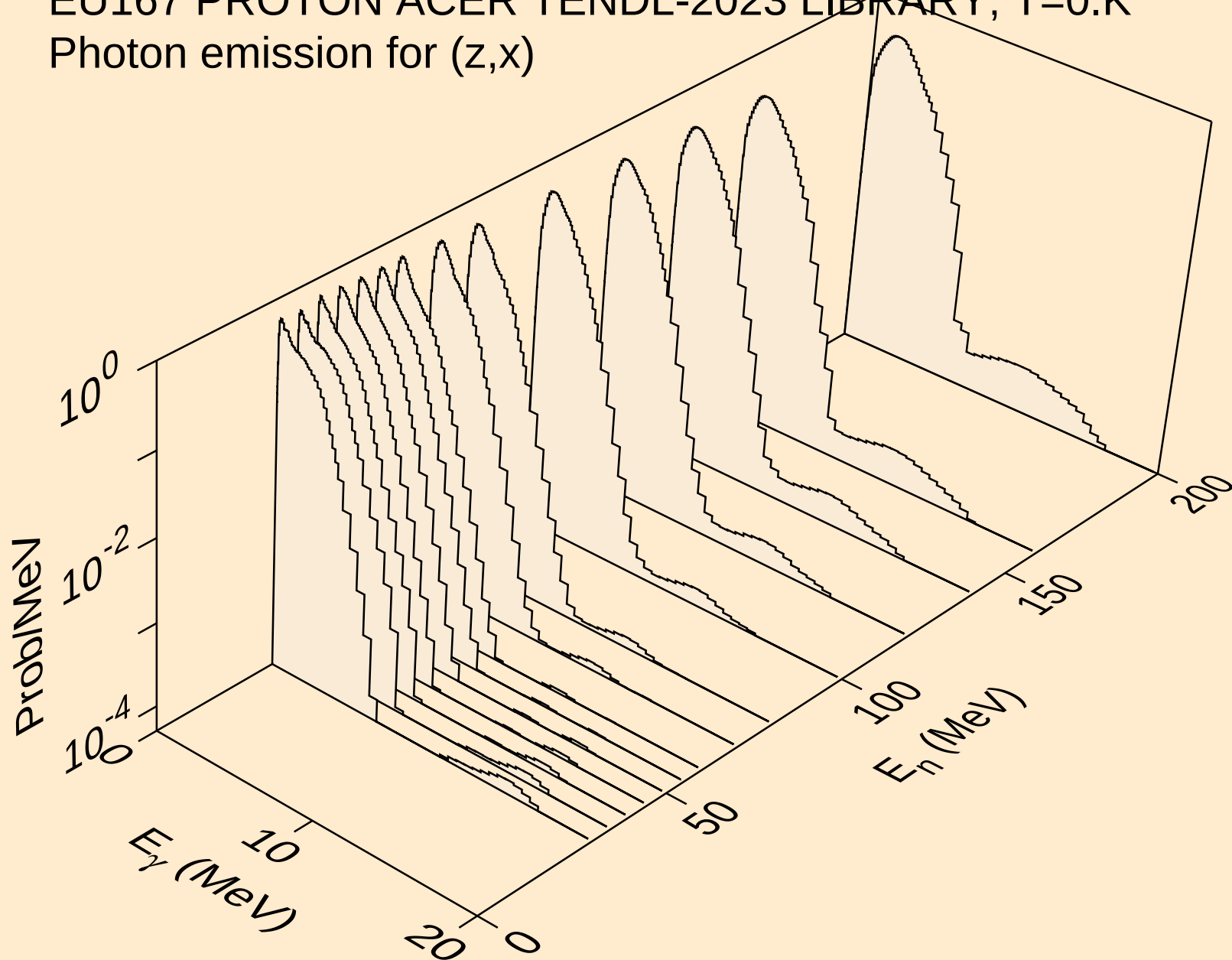


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

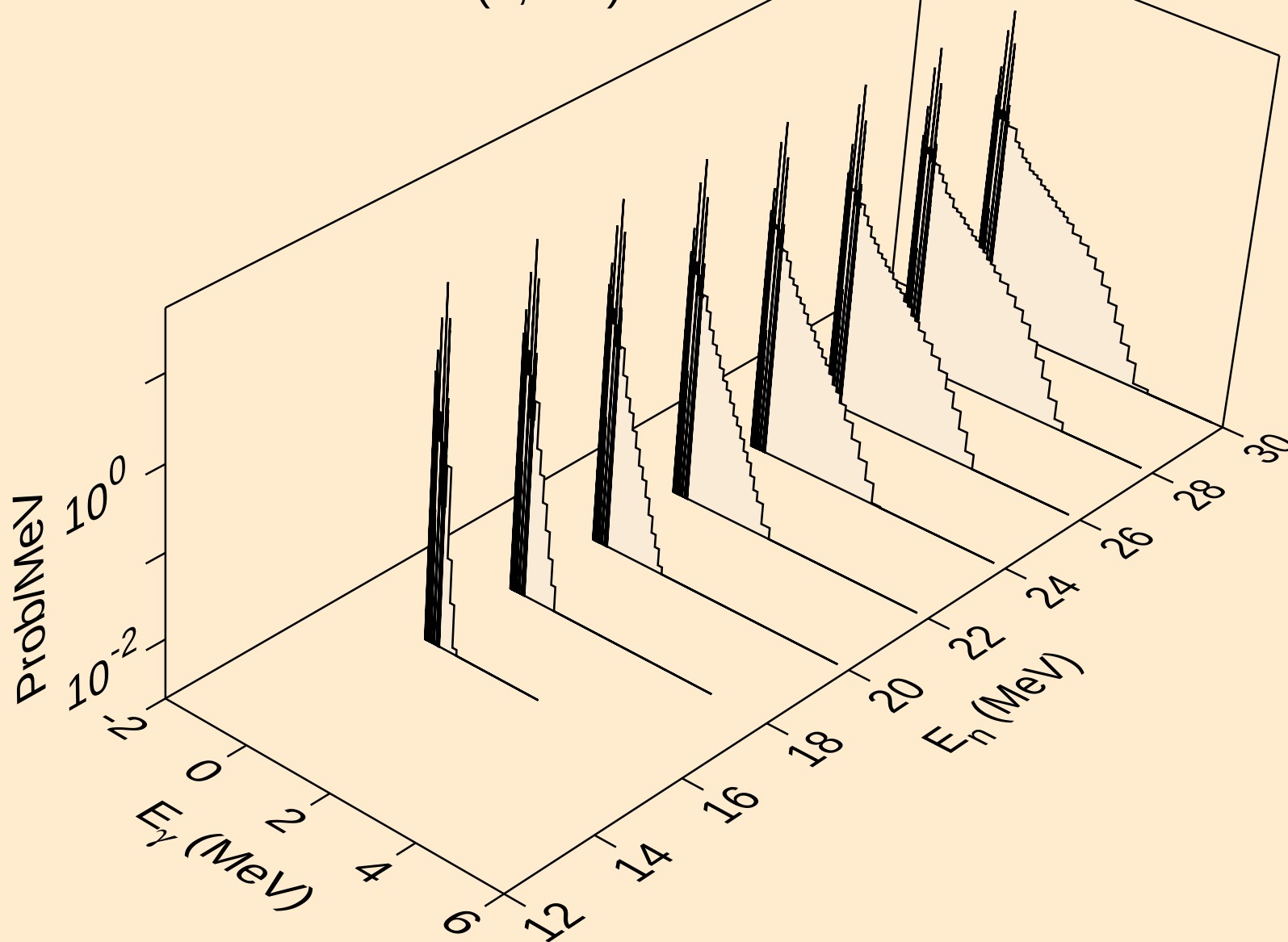


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

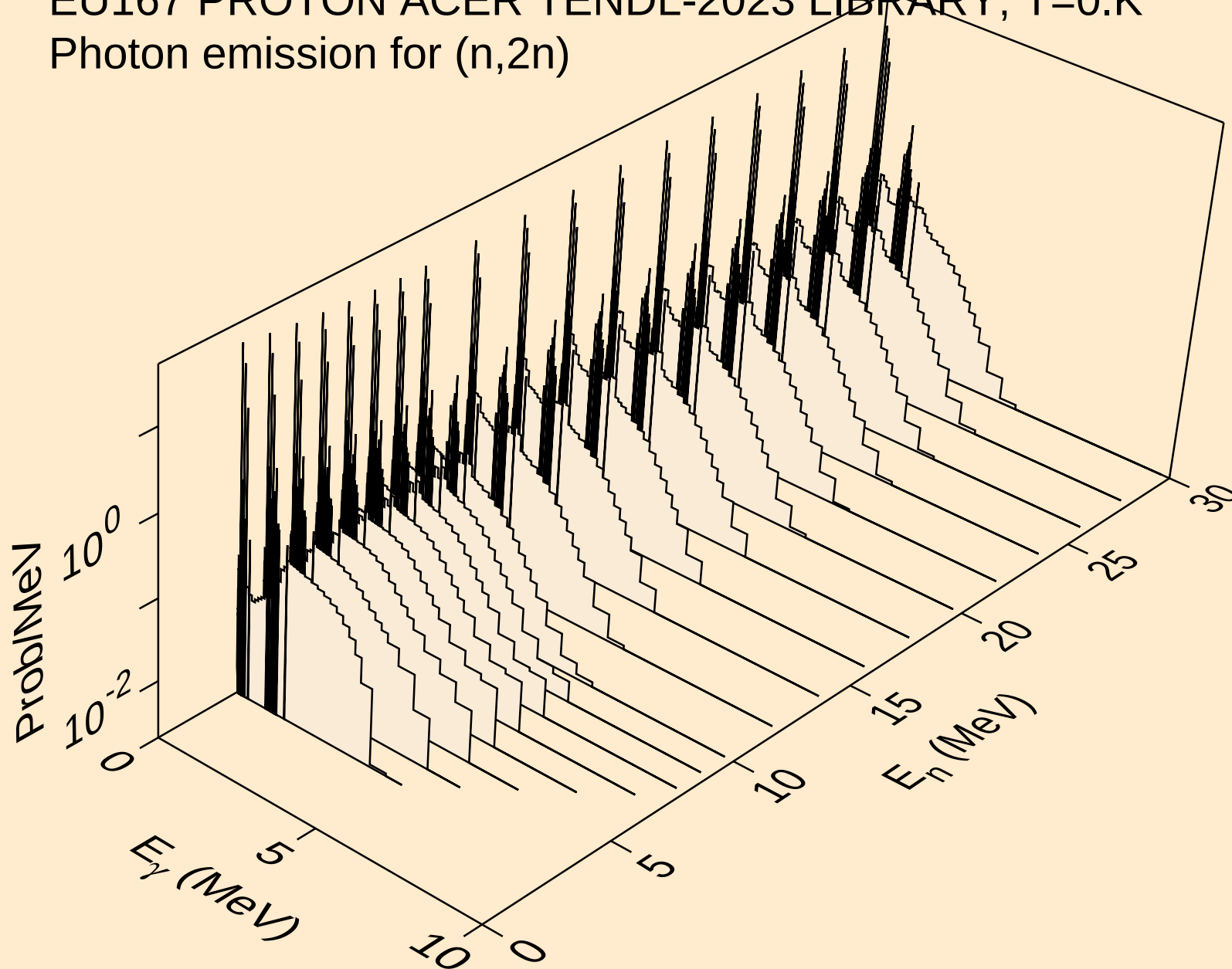
Photon emission for (z,x)



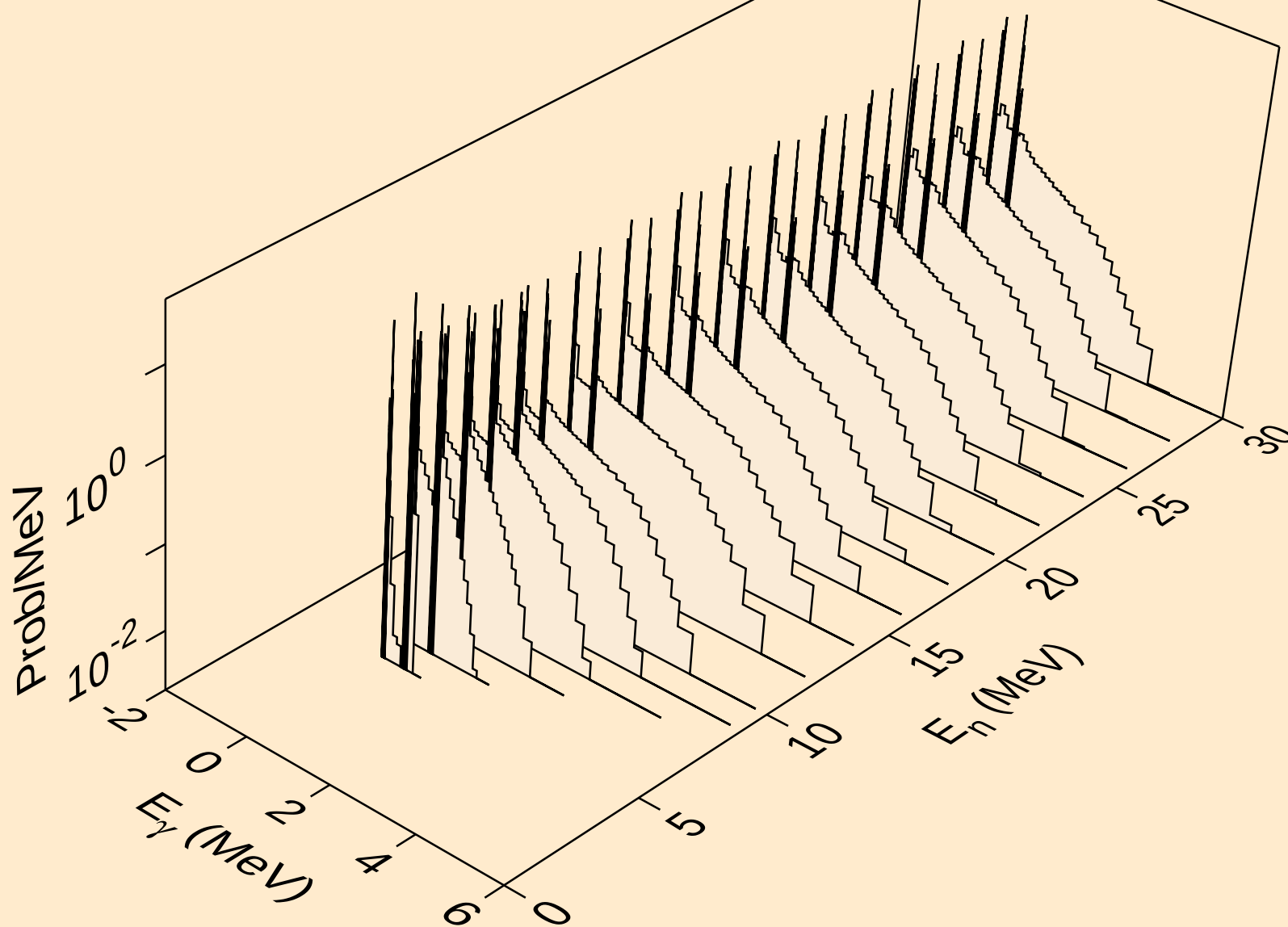
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

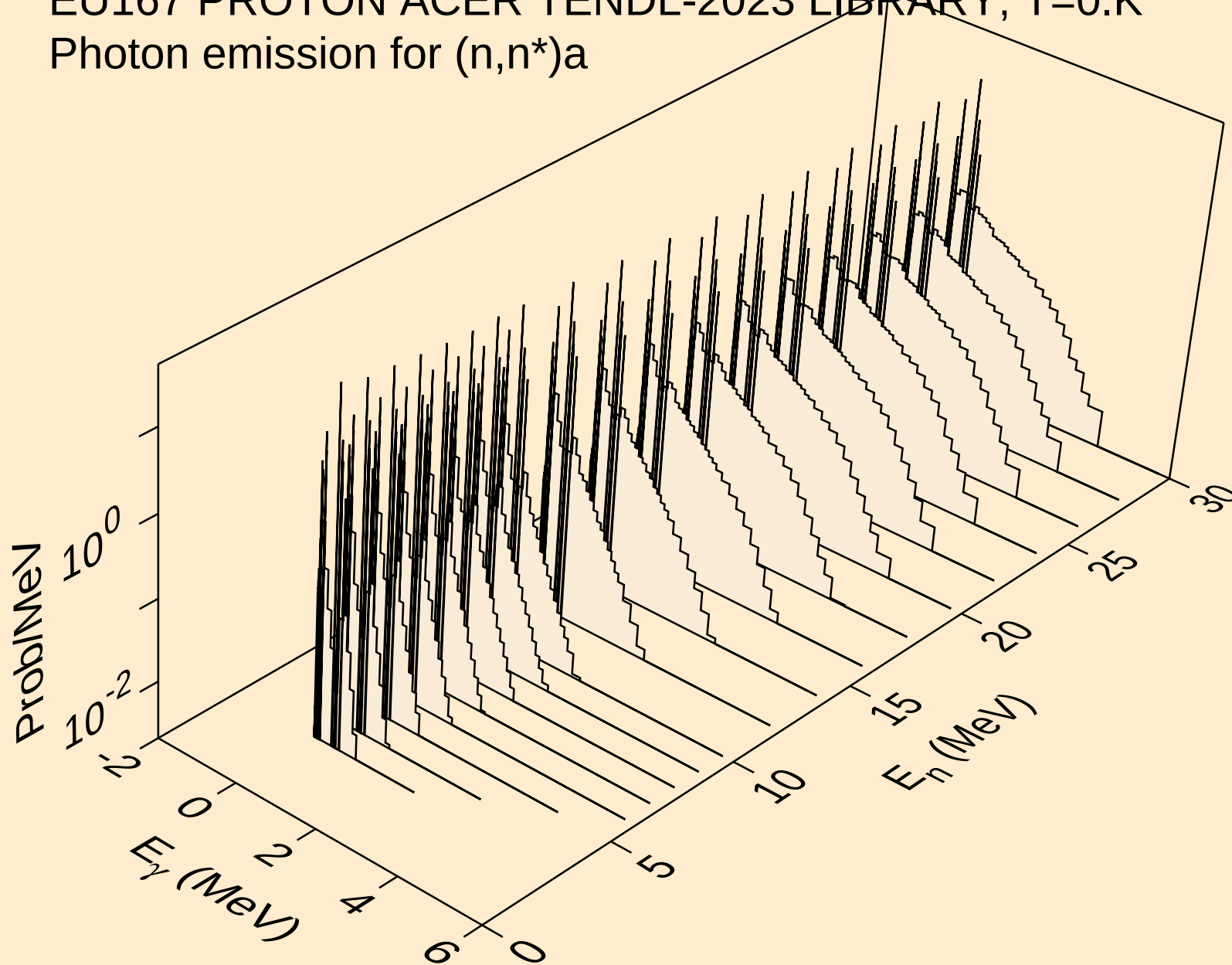


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



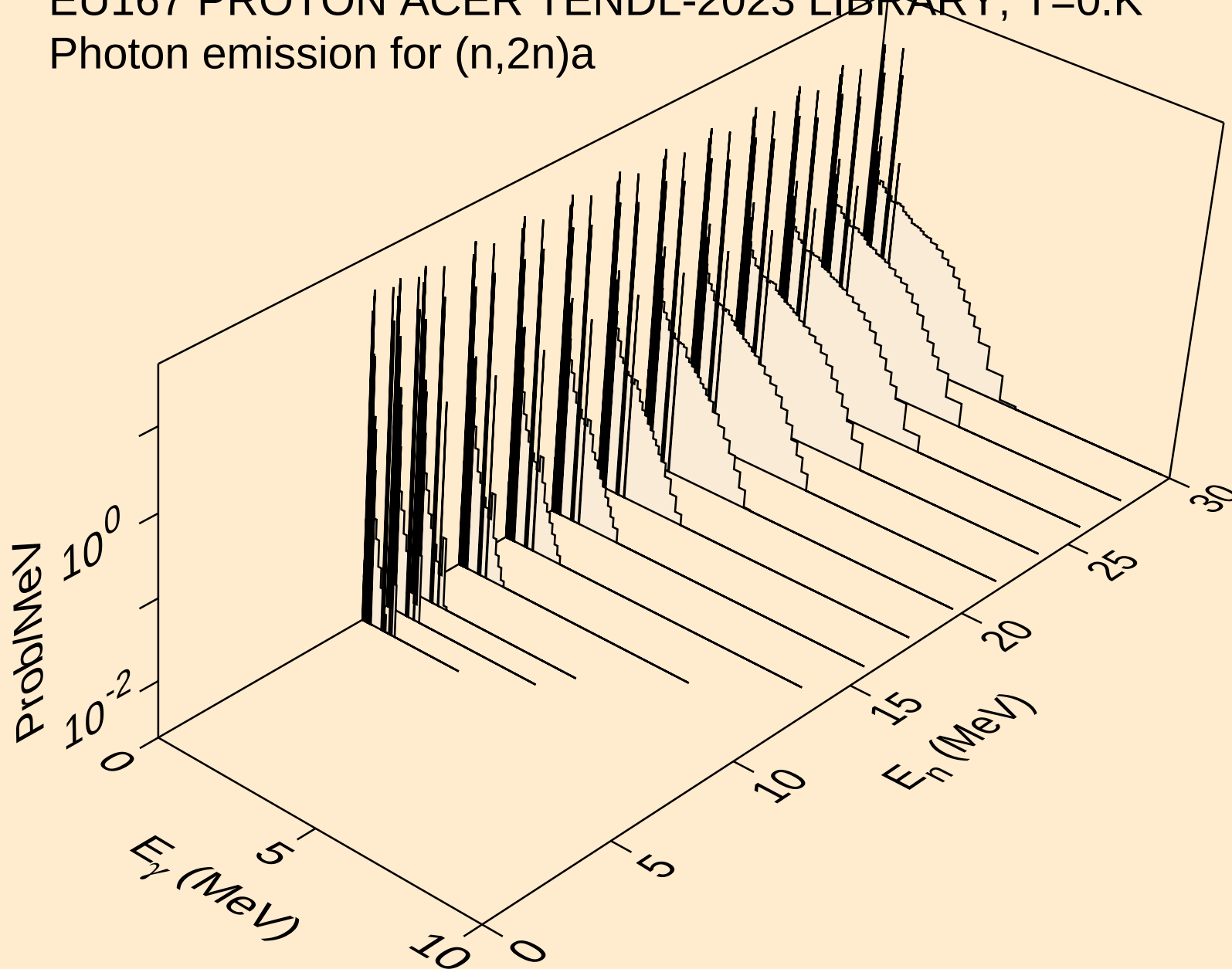
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



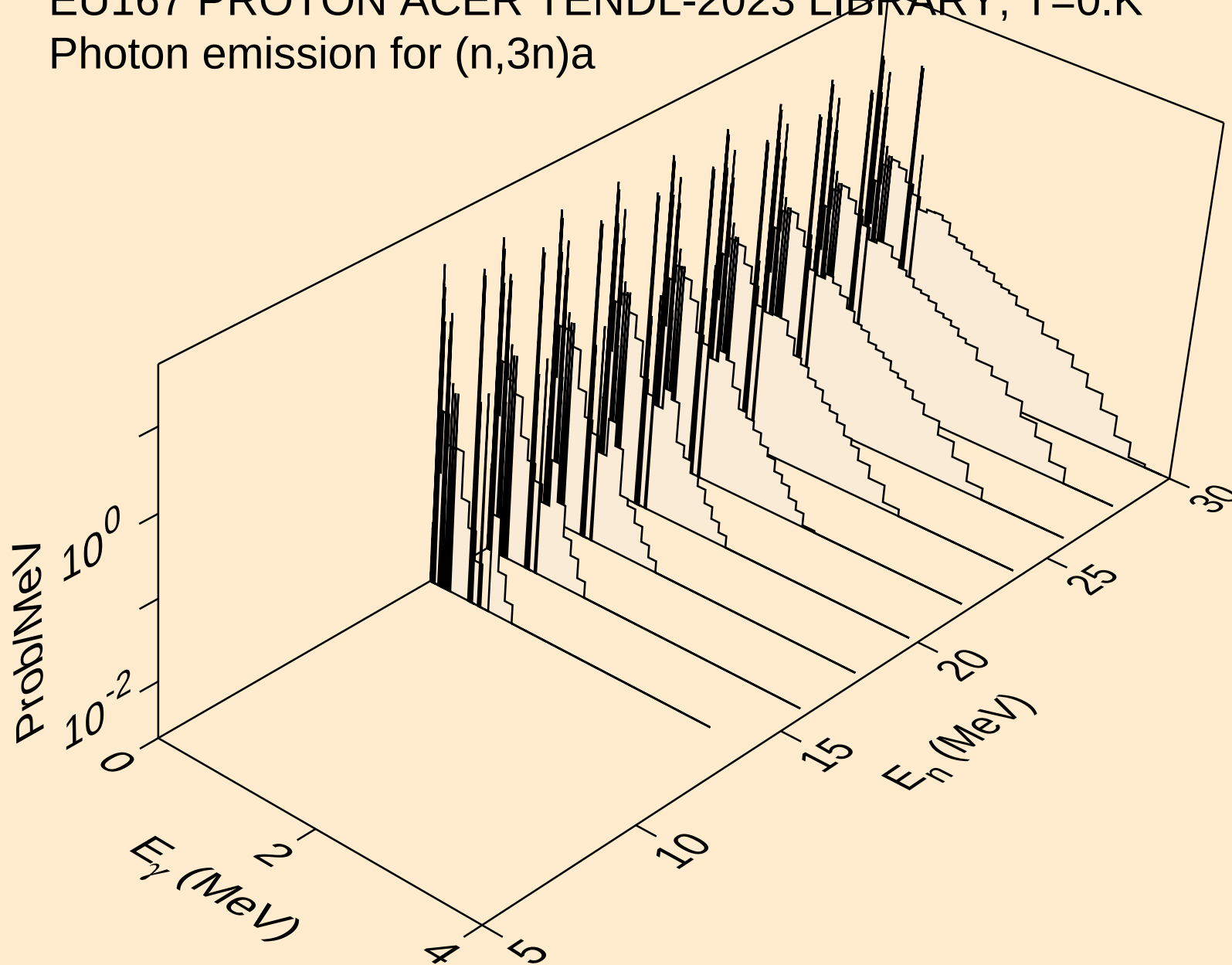
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

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



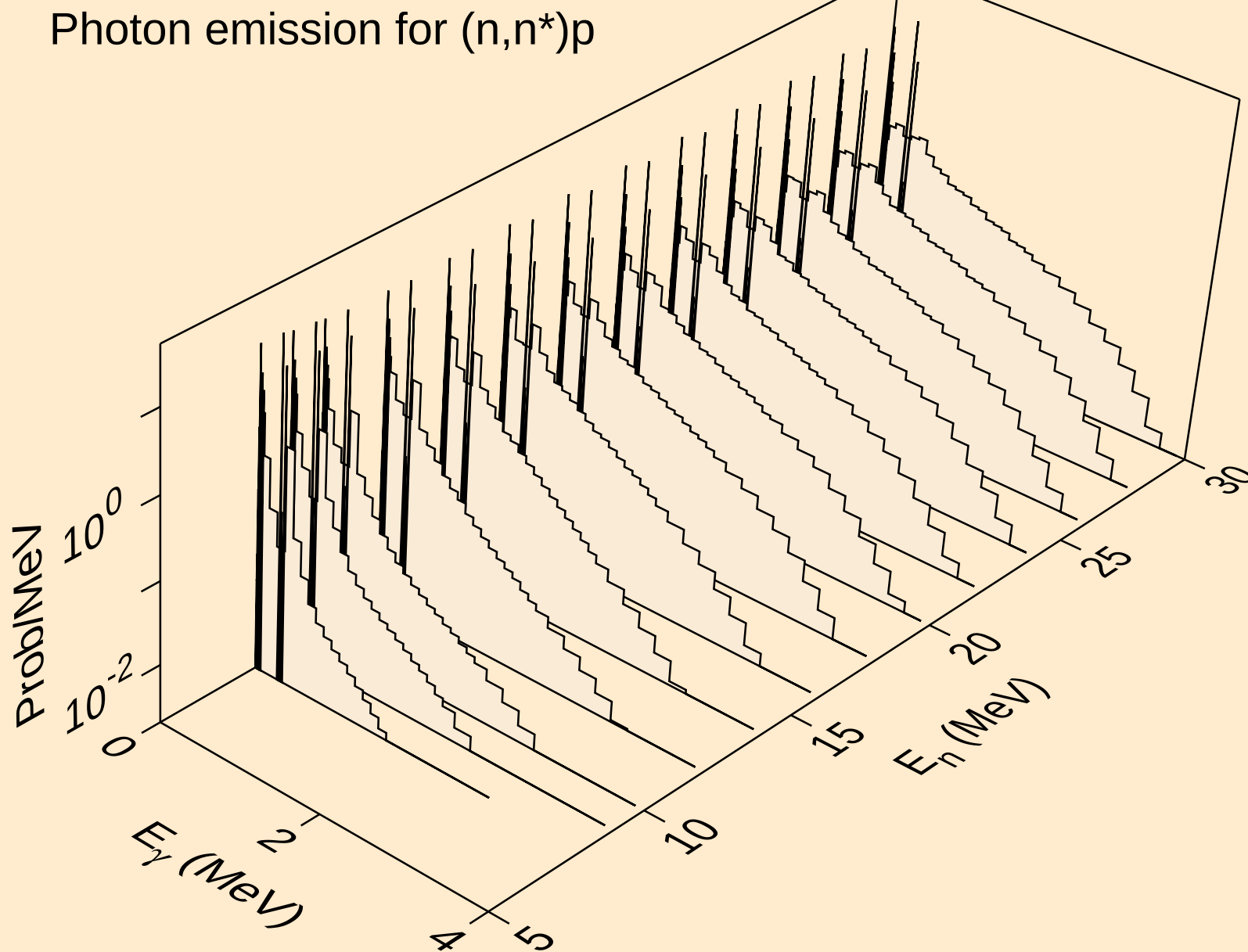
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$



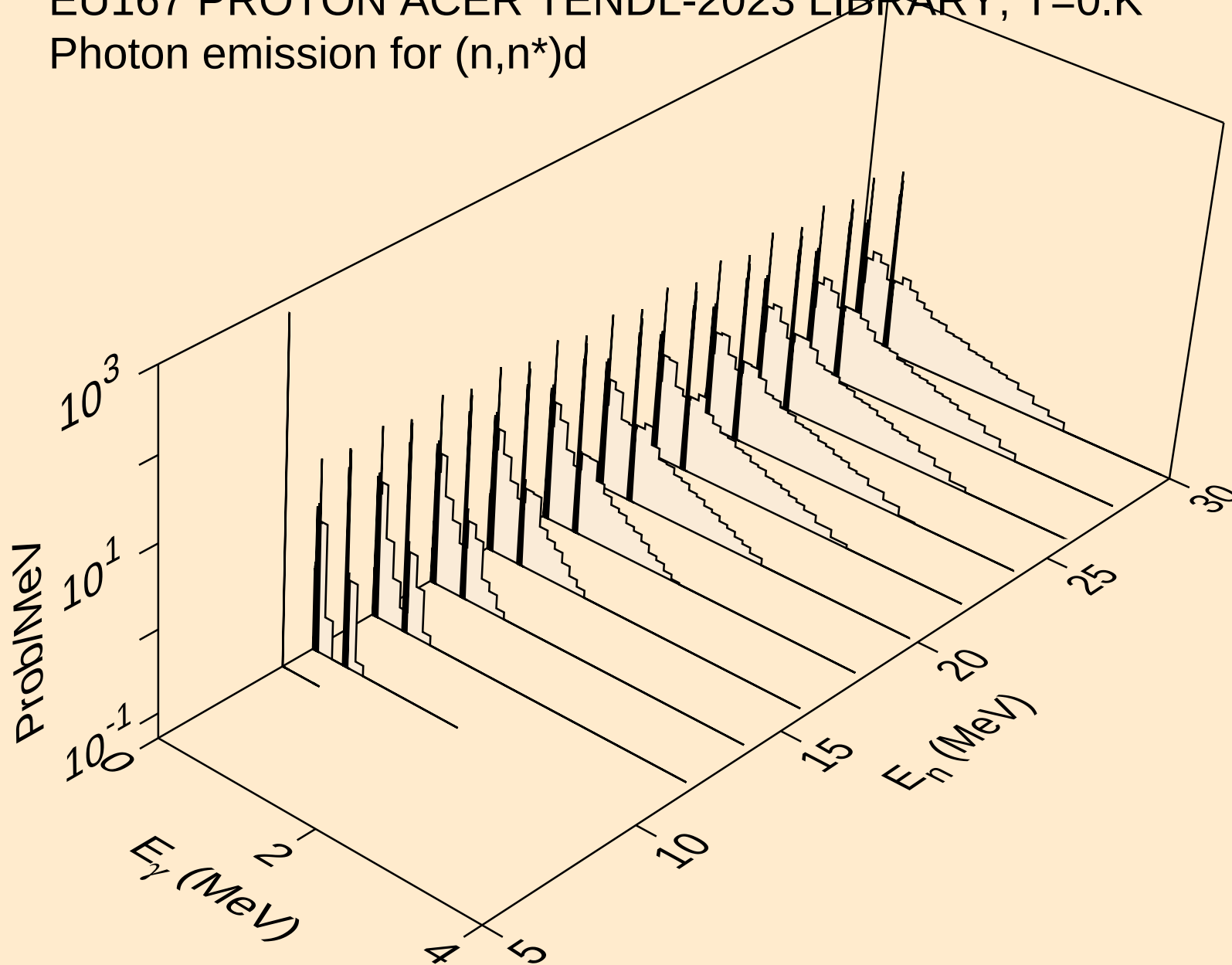
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p



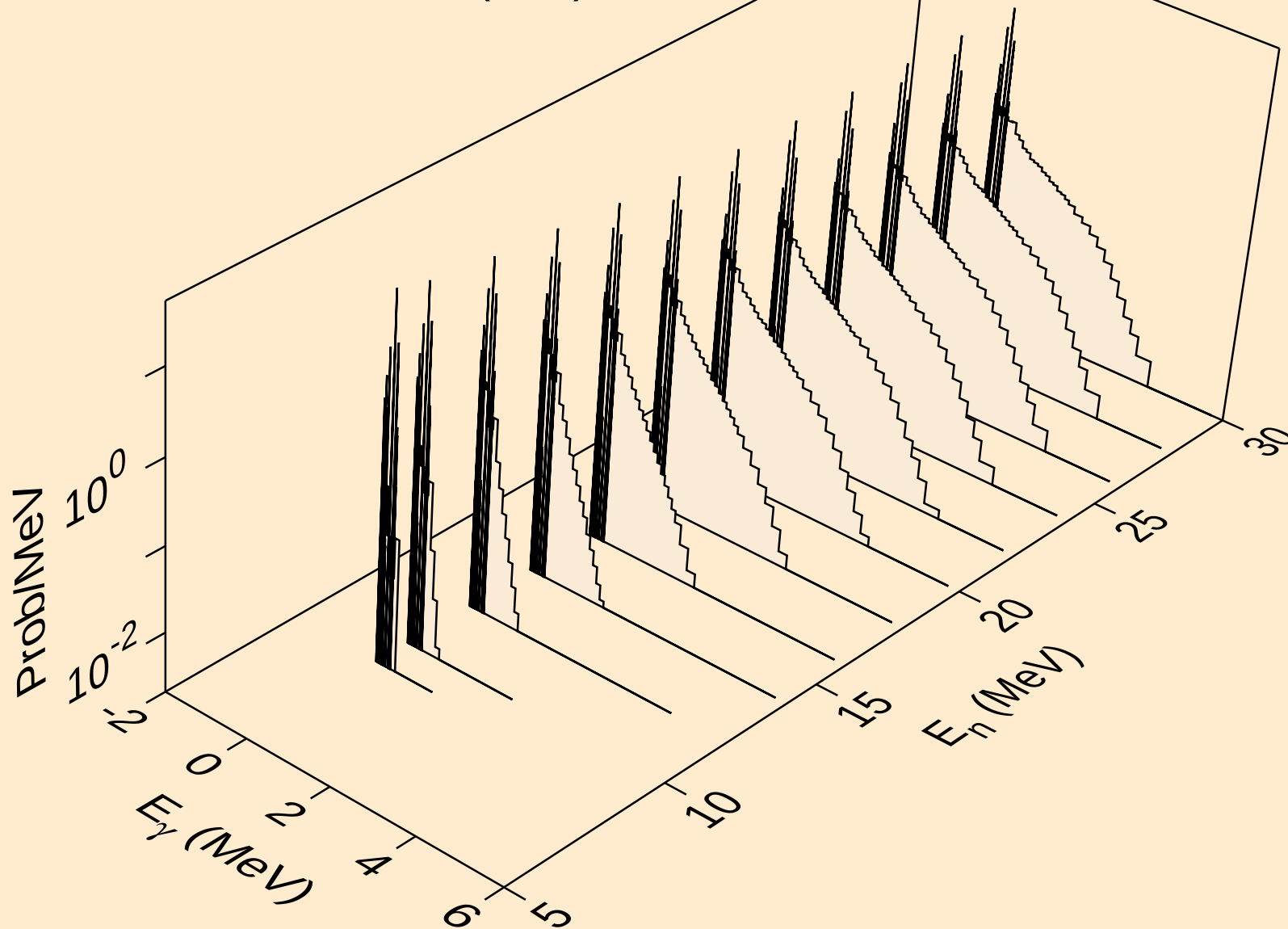
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d



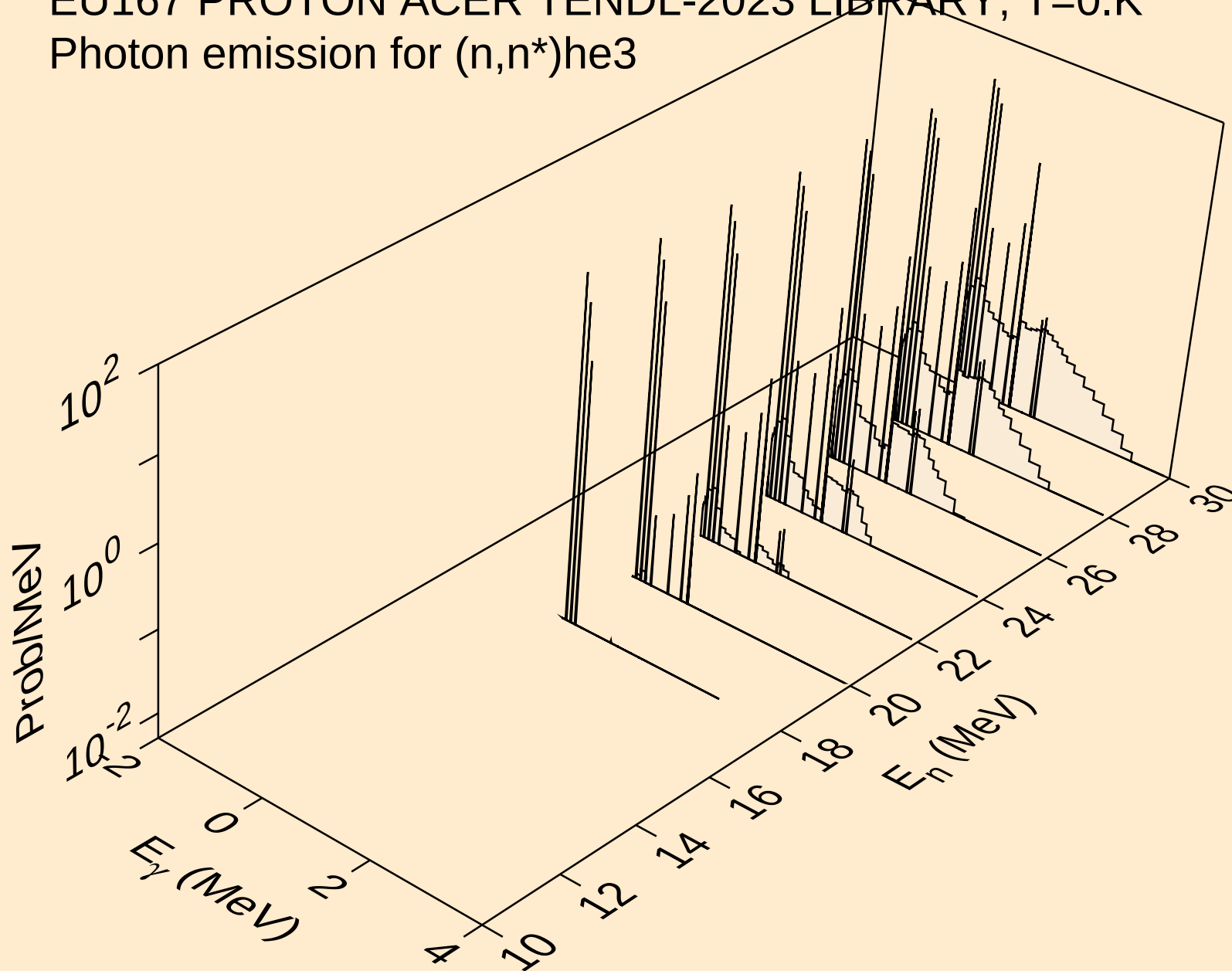
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

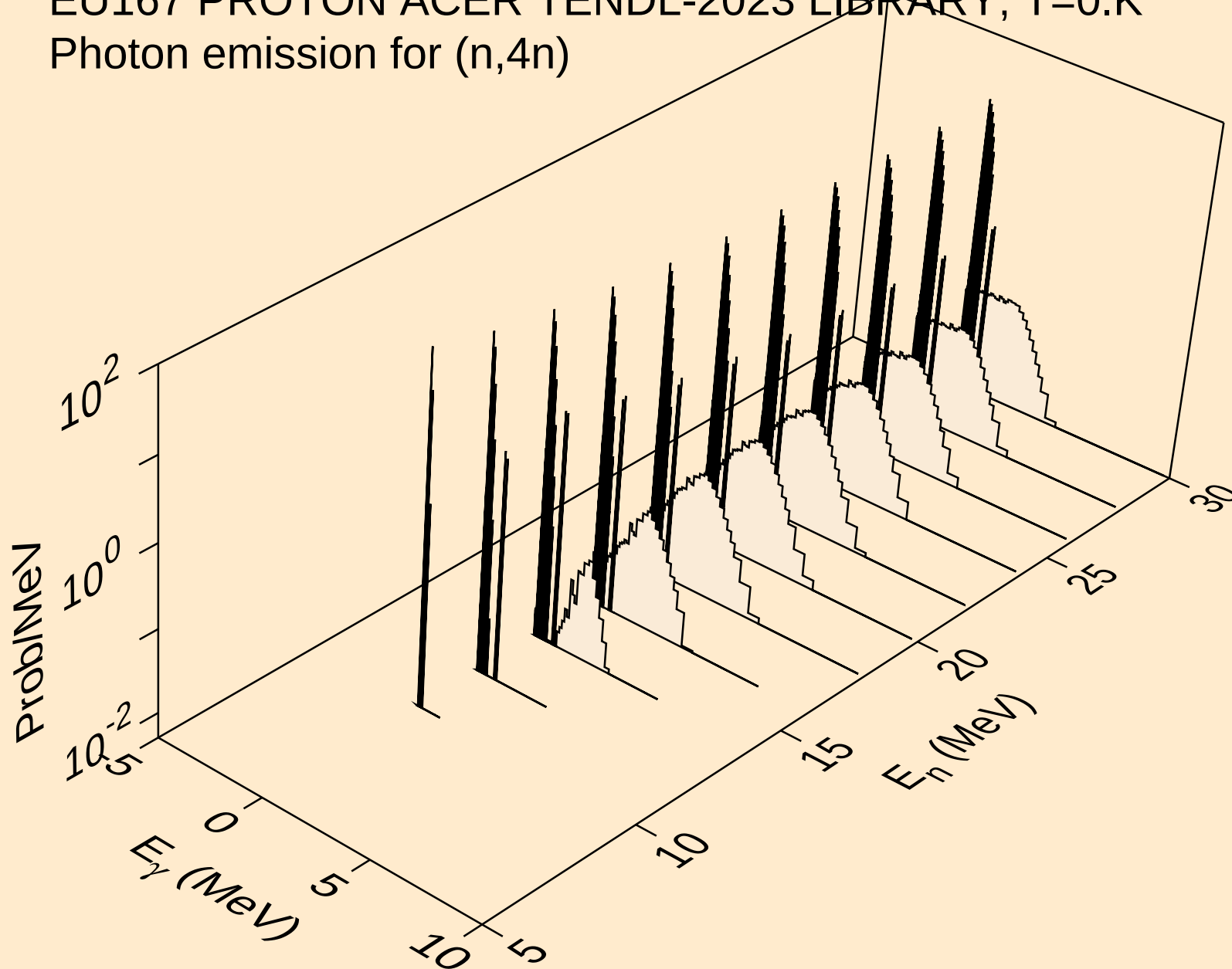


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

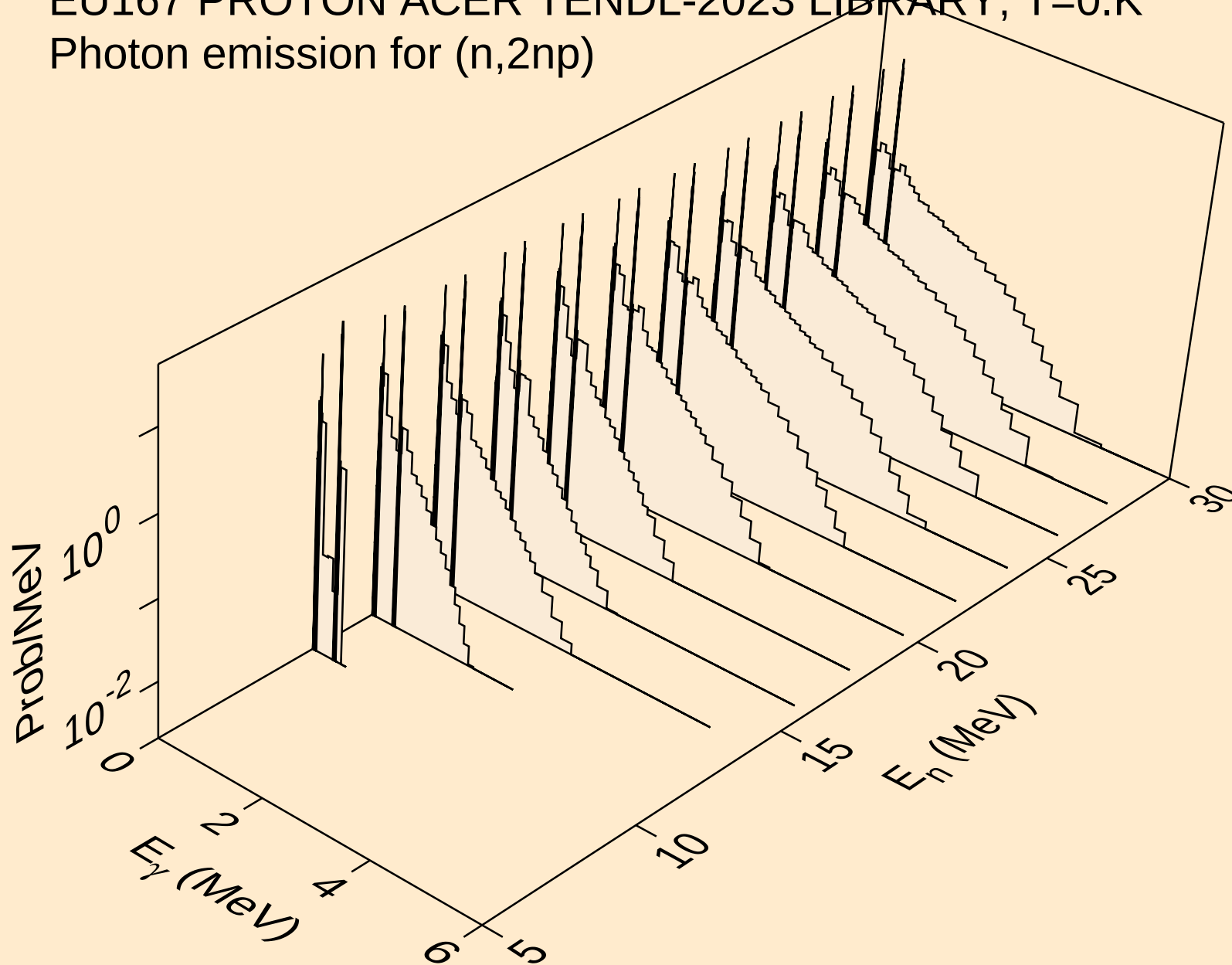
Photon emission for (n,n\*)he3



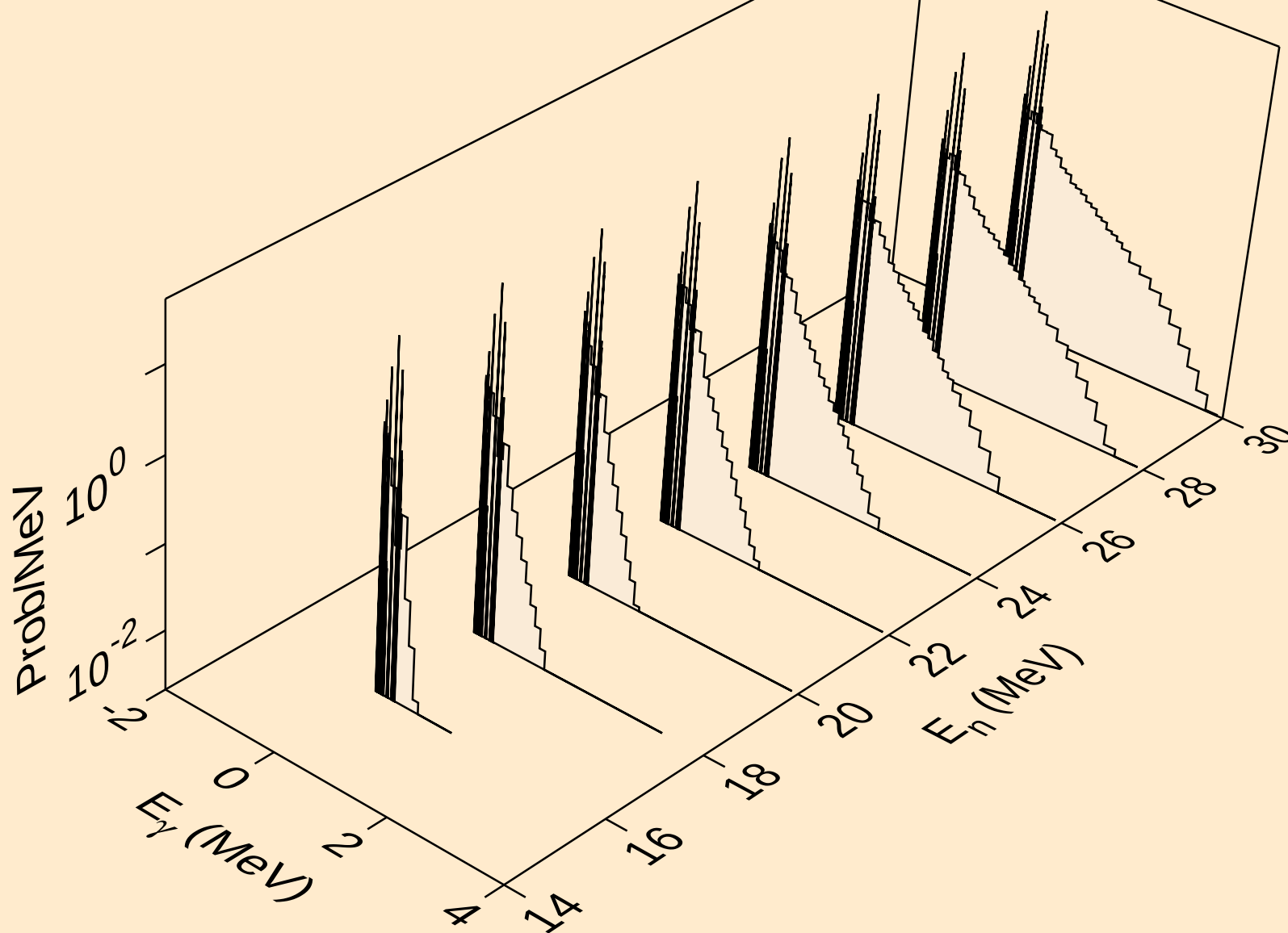
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

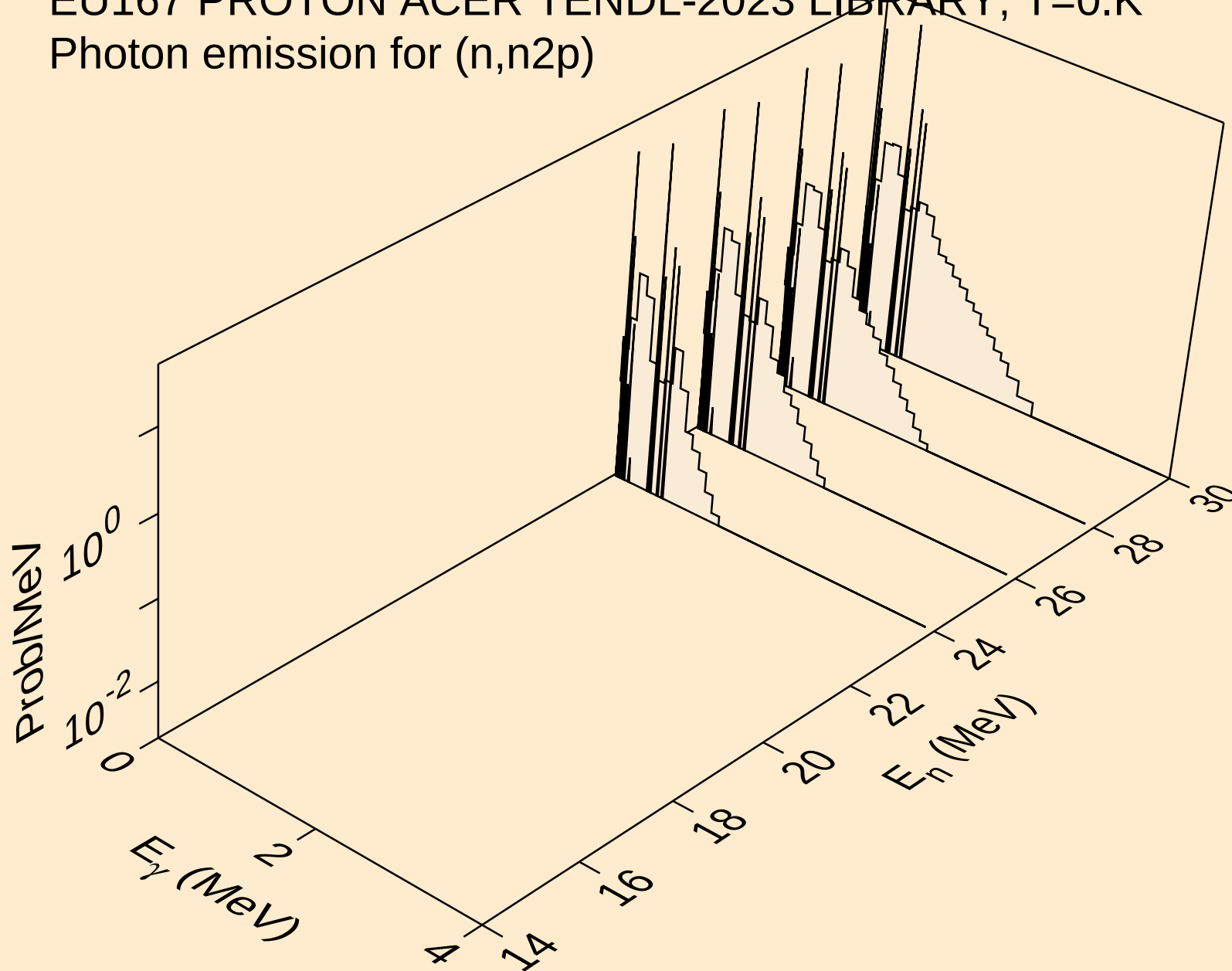


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

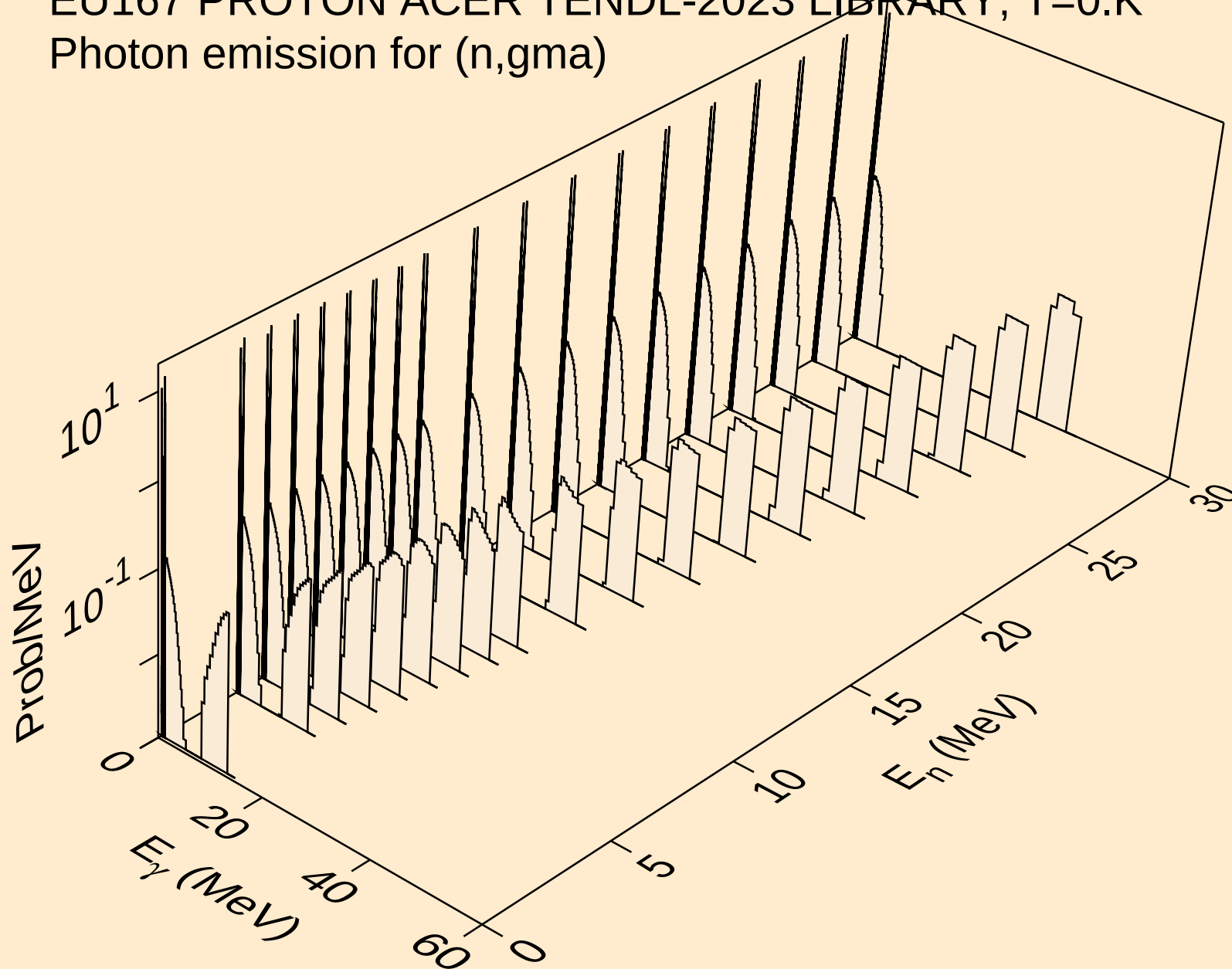


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

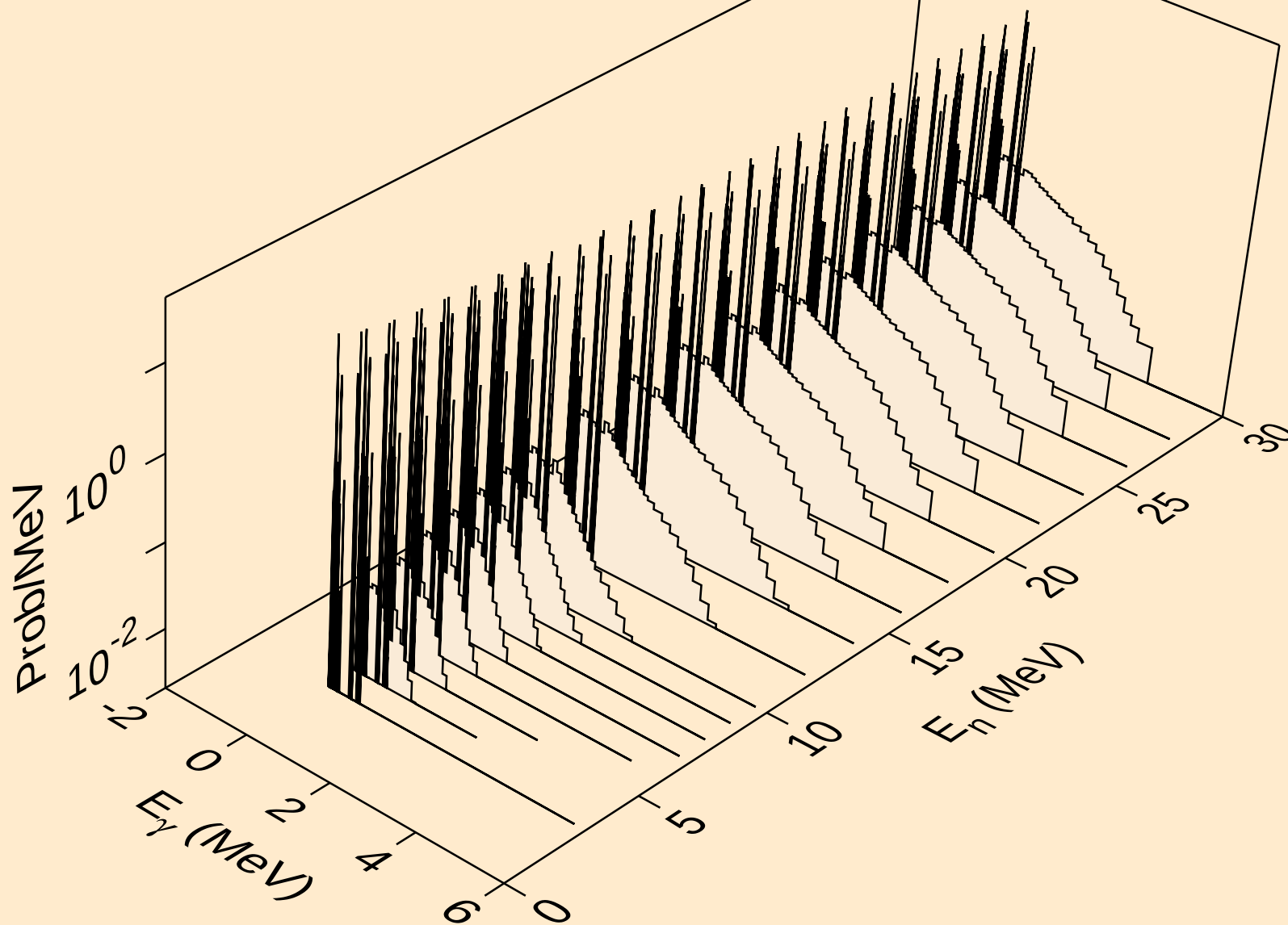
Photon emission for (n,n2p)



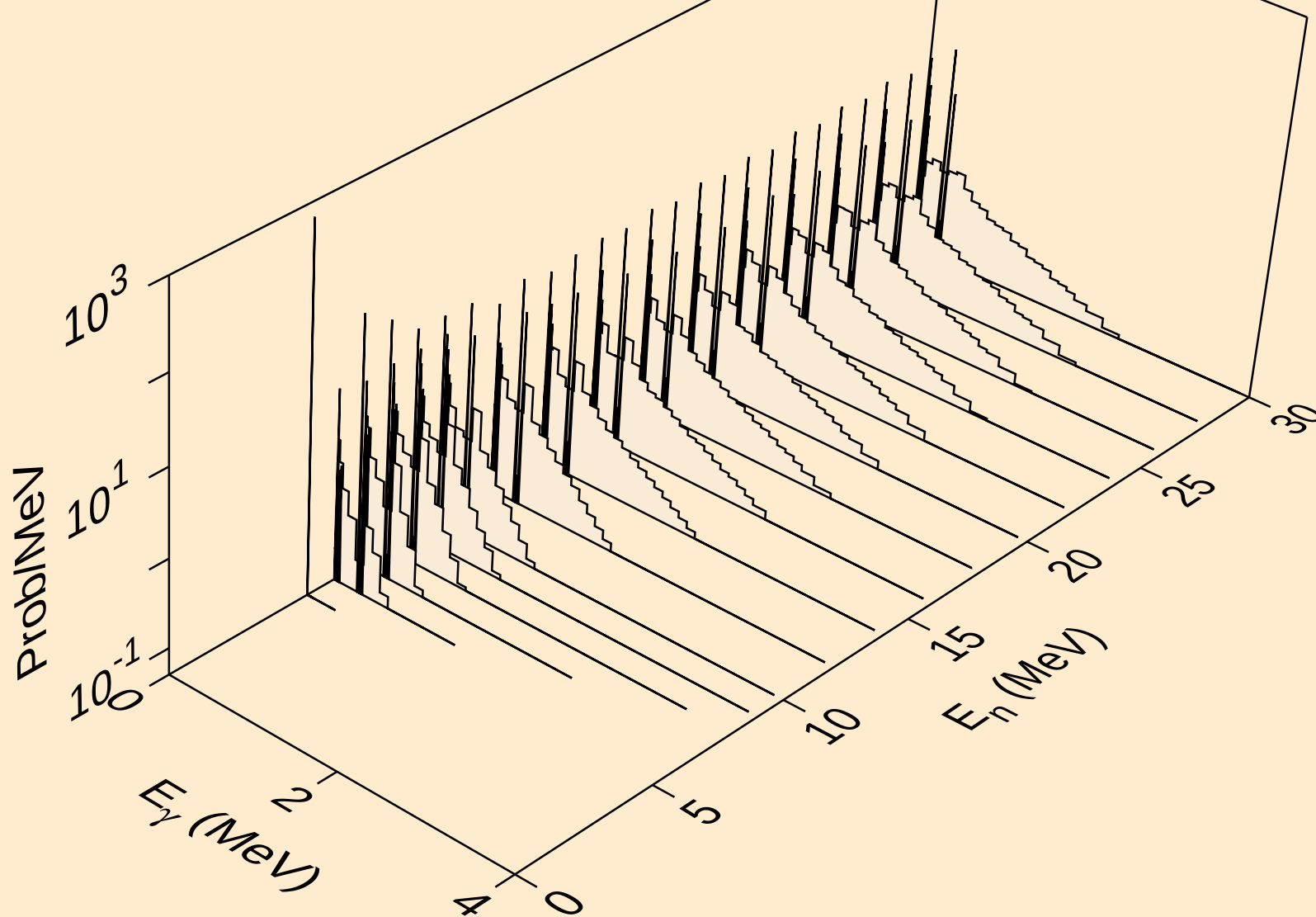
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



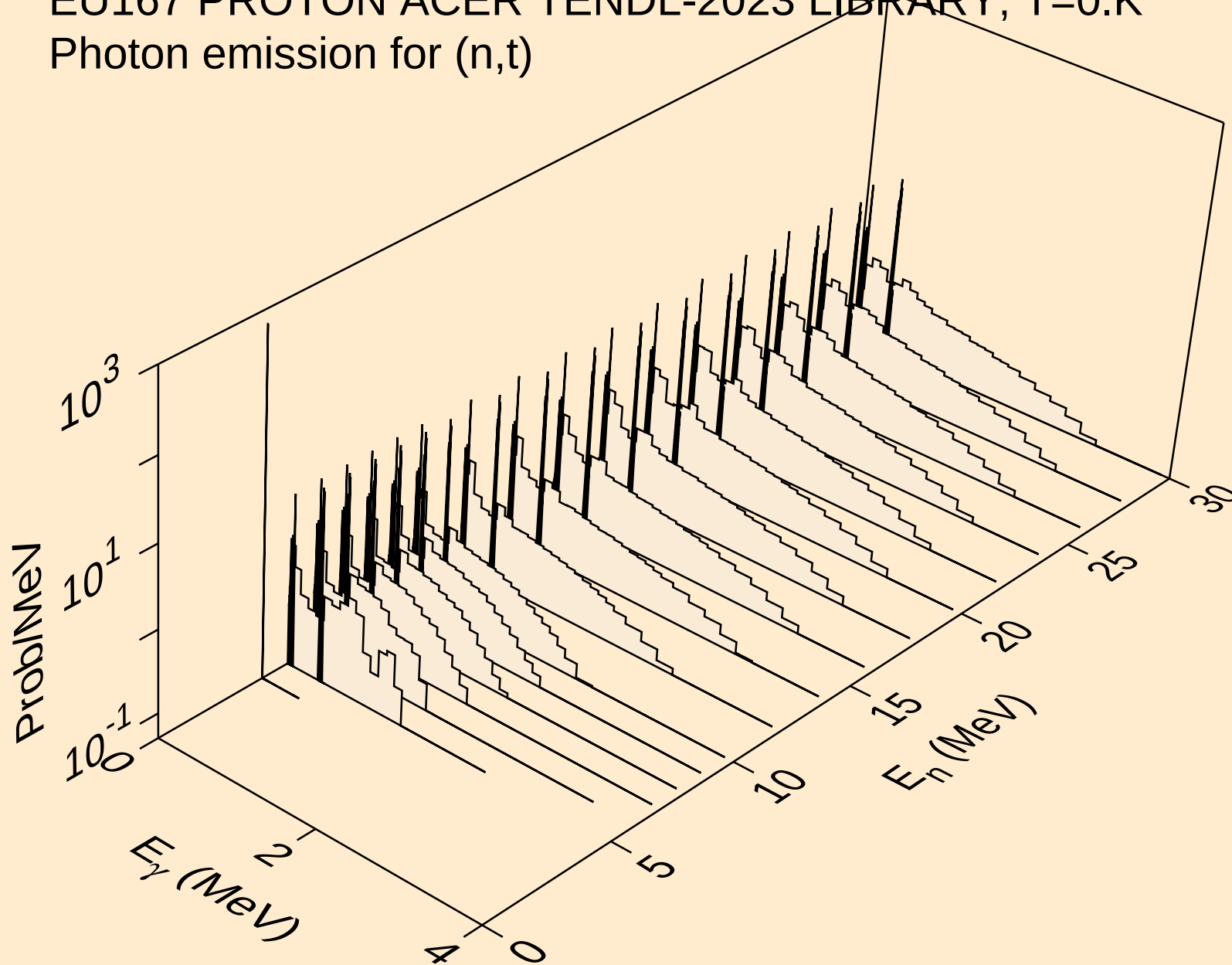
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



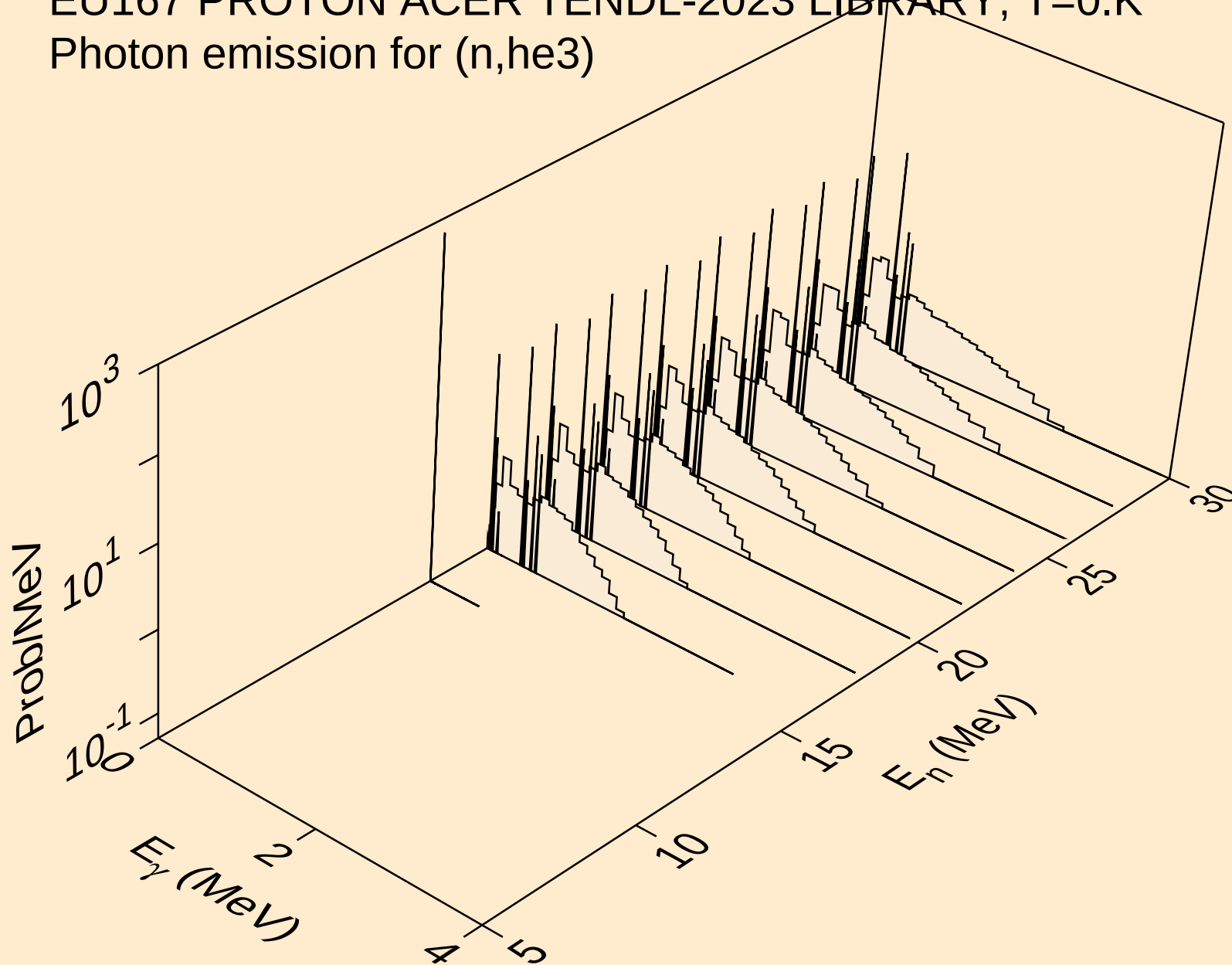
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



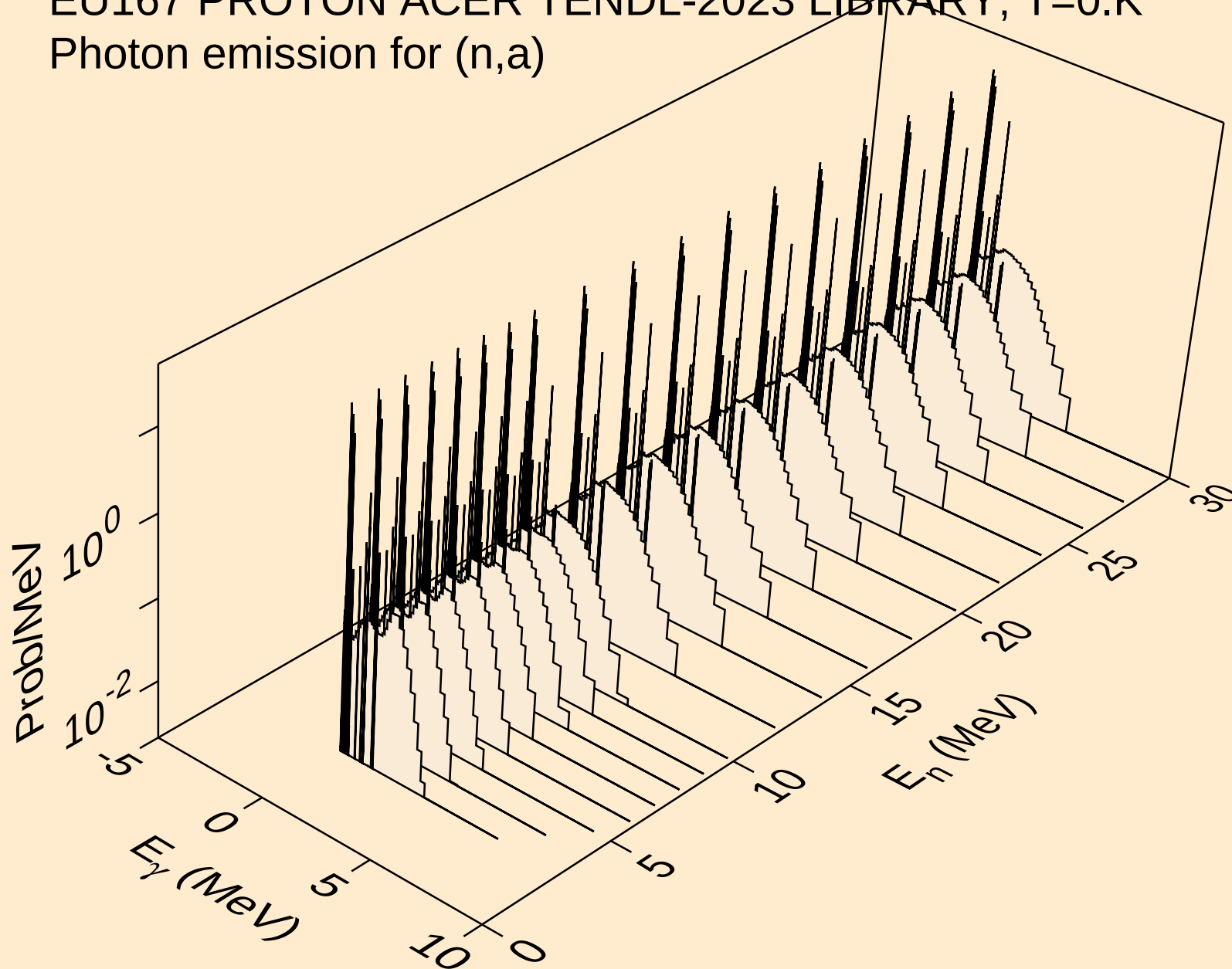
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



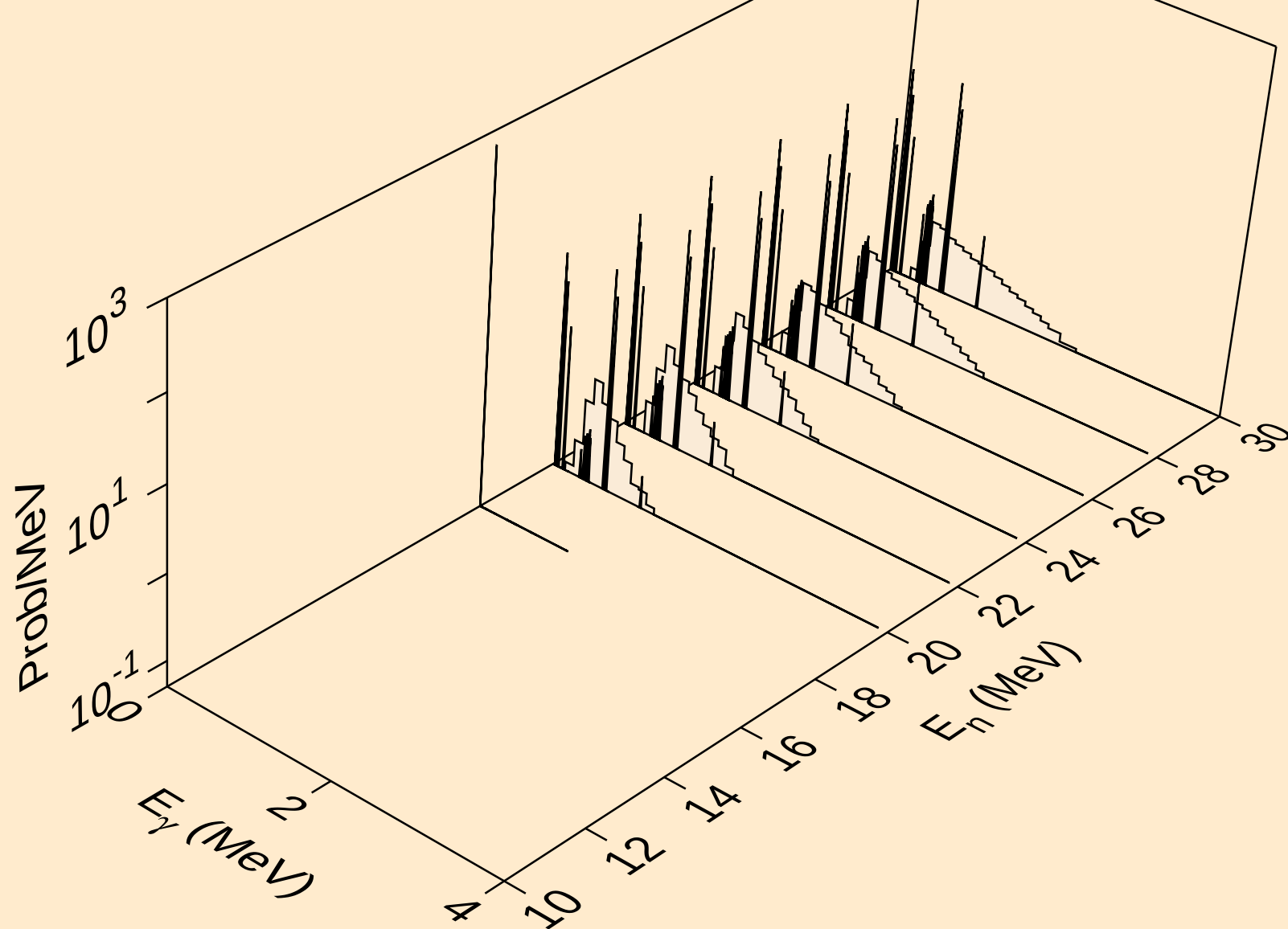
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

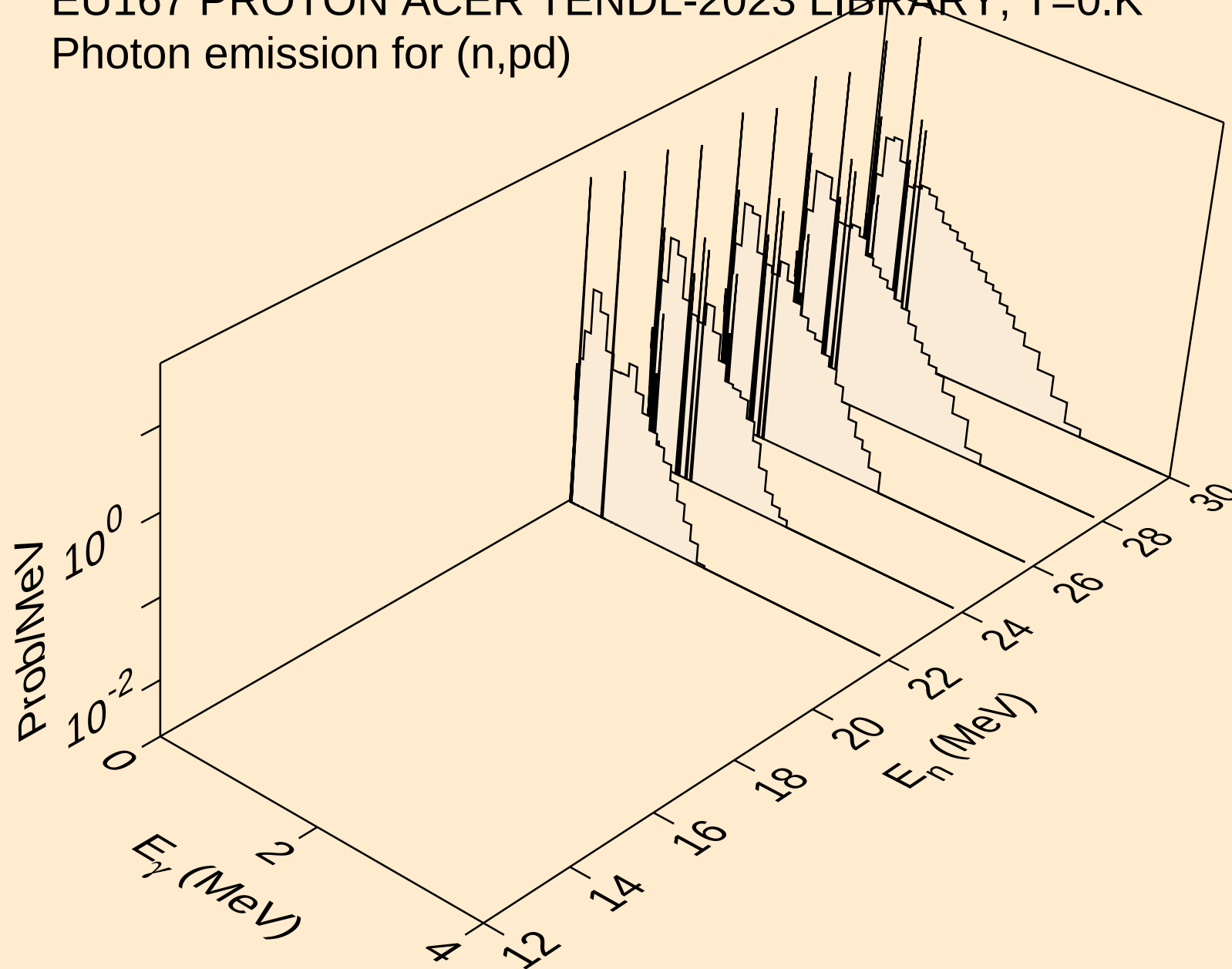


EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



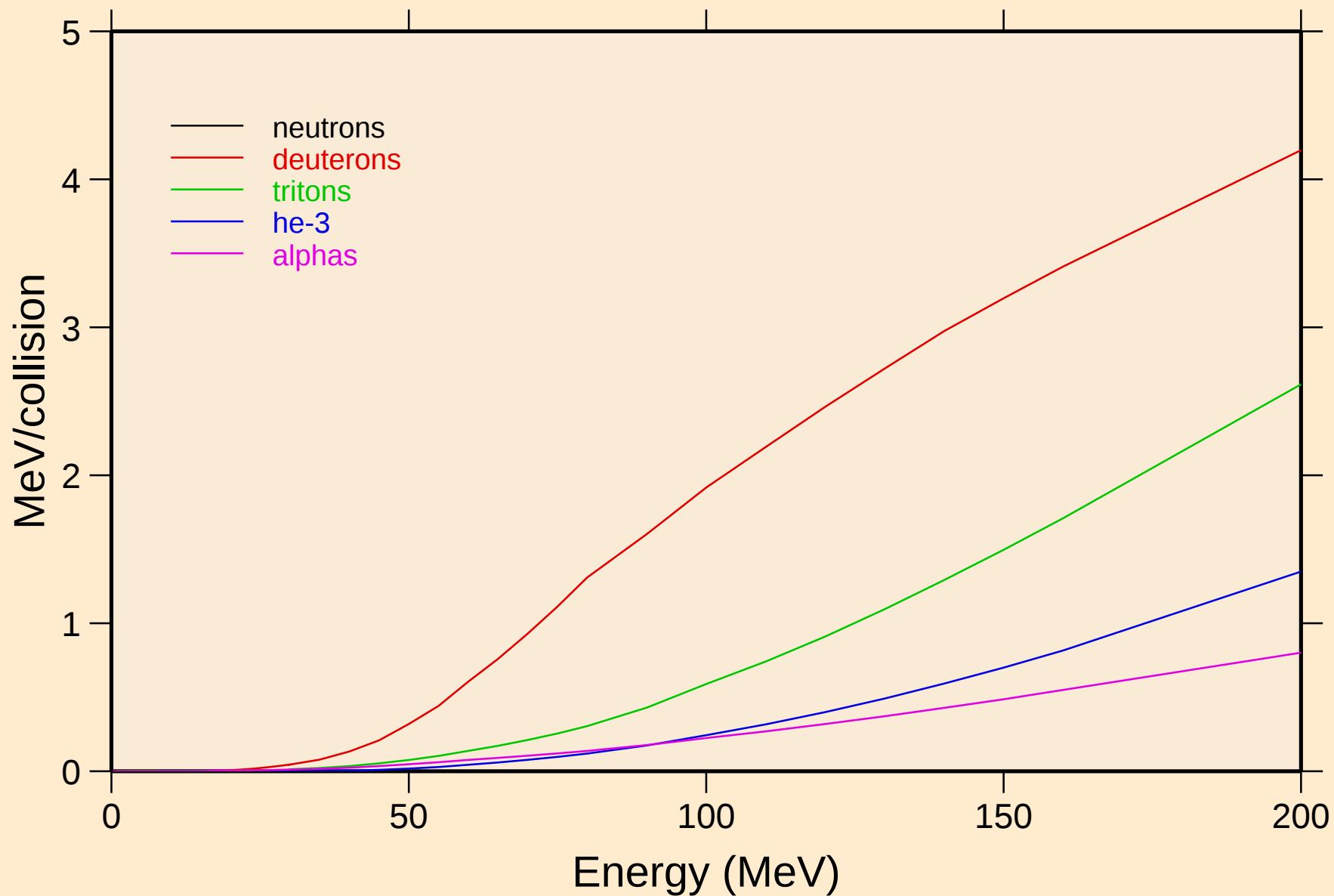
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)



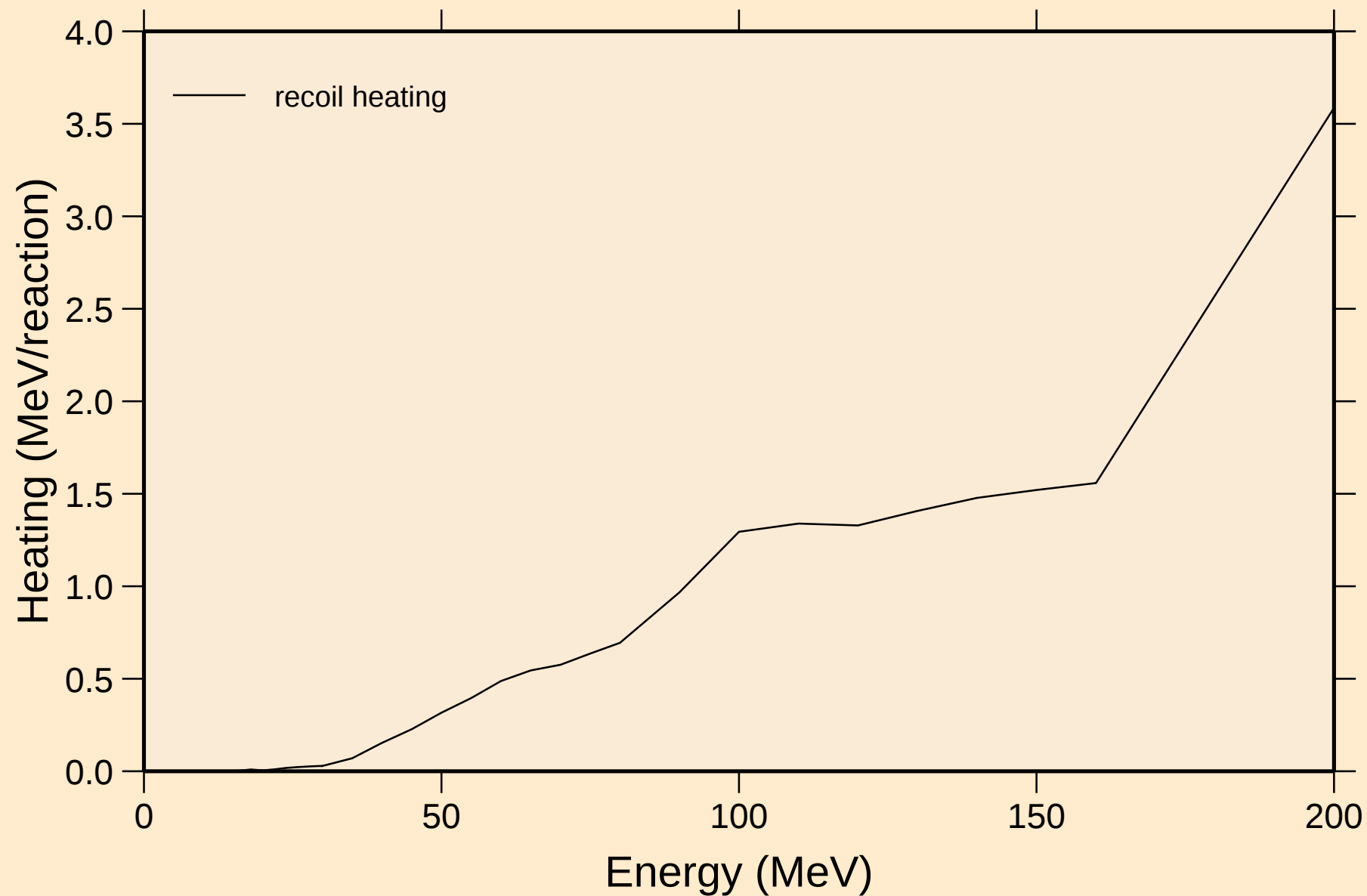
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



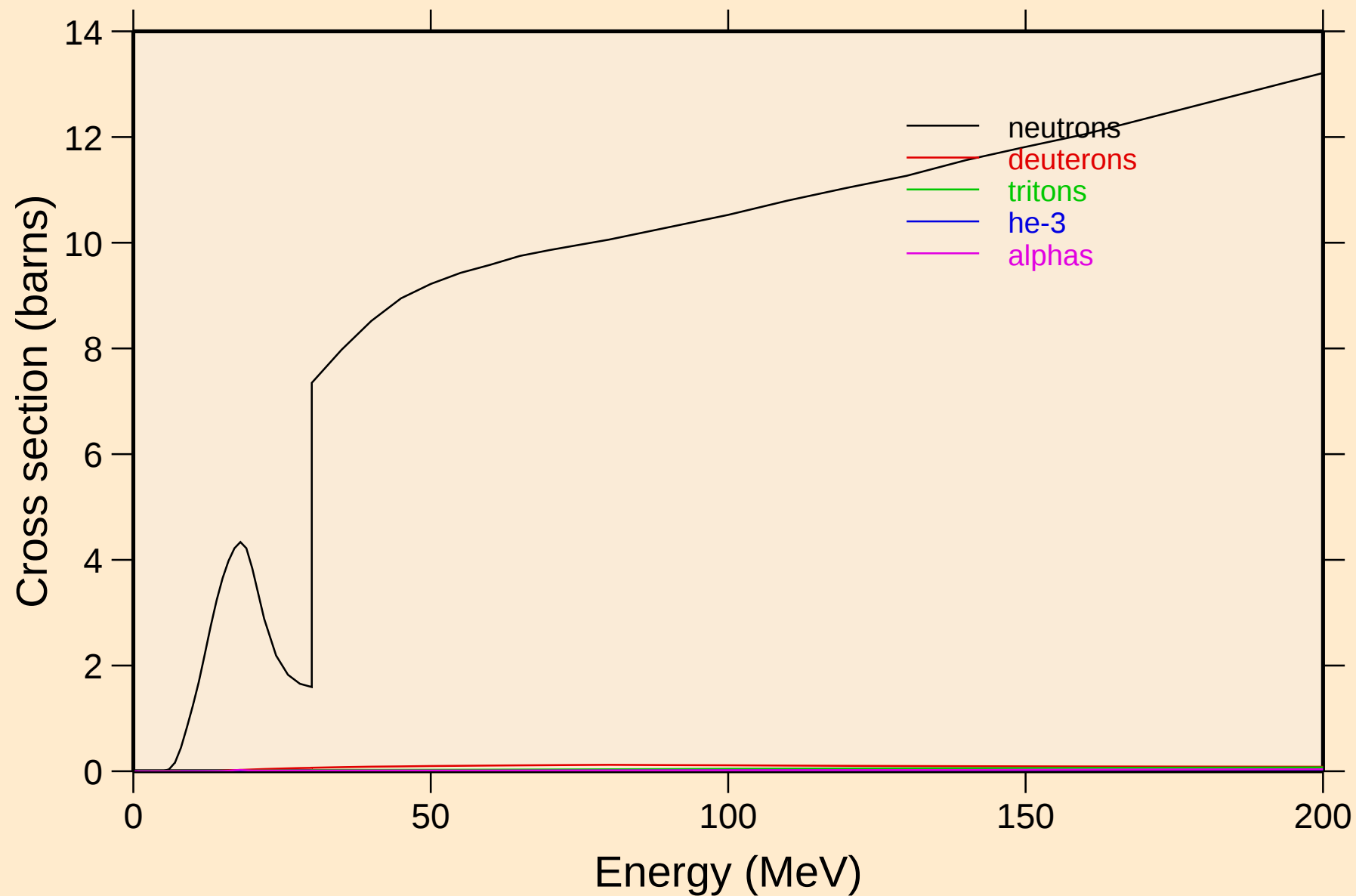
# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

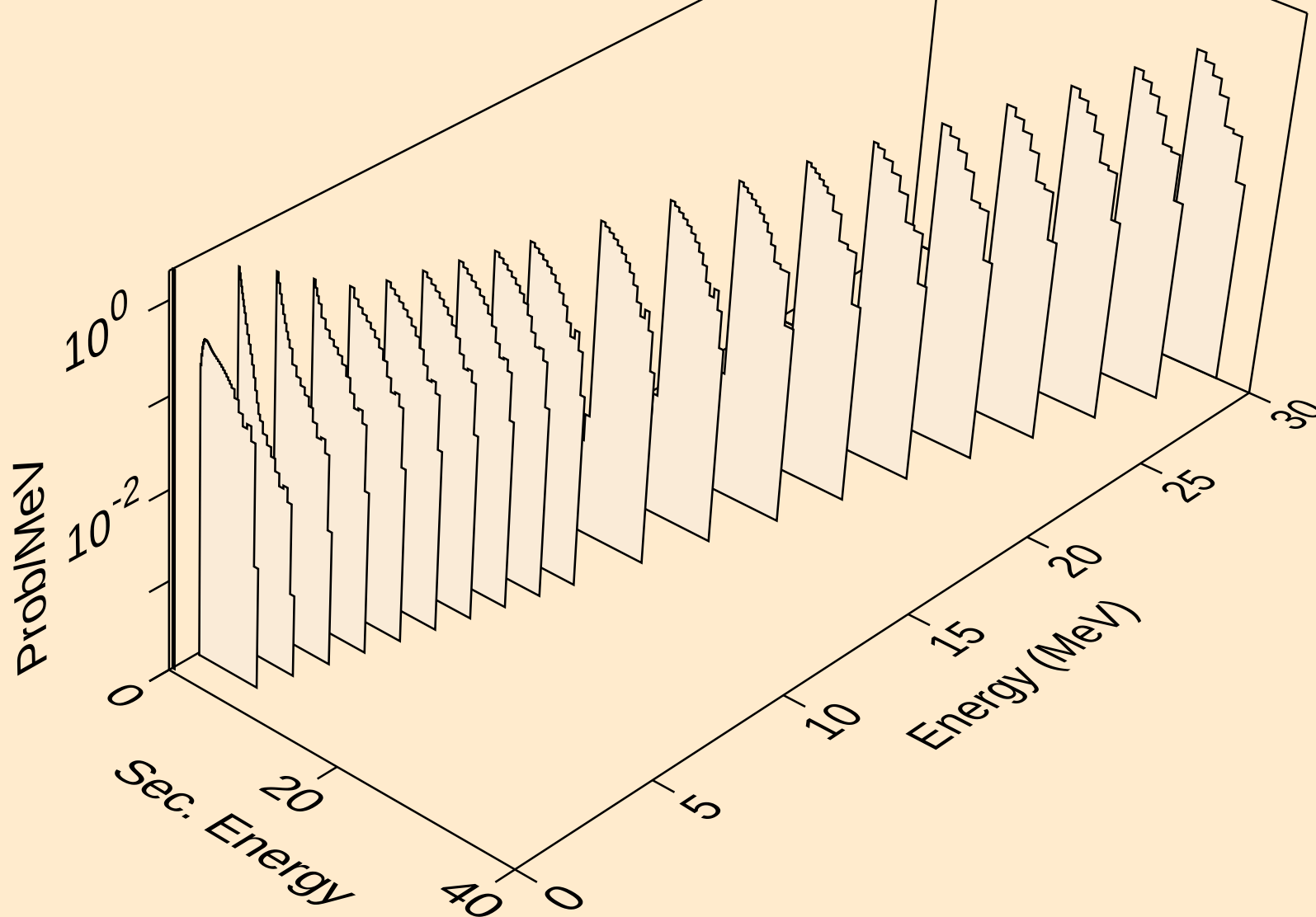


# EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K

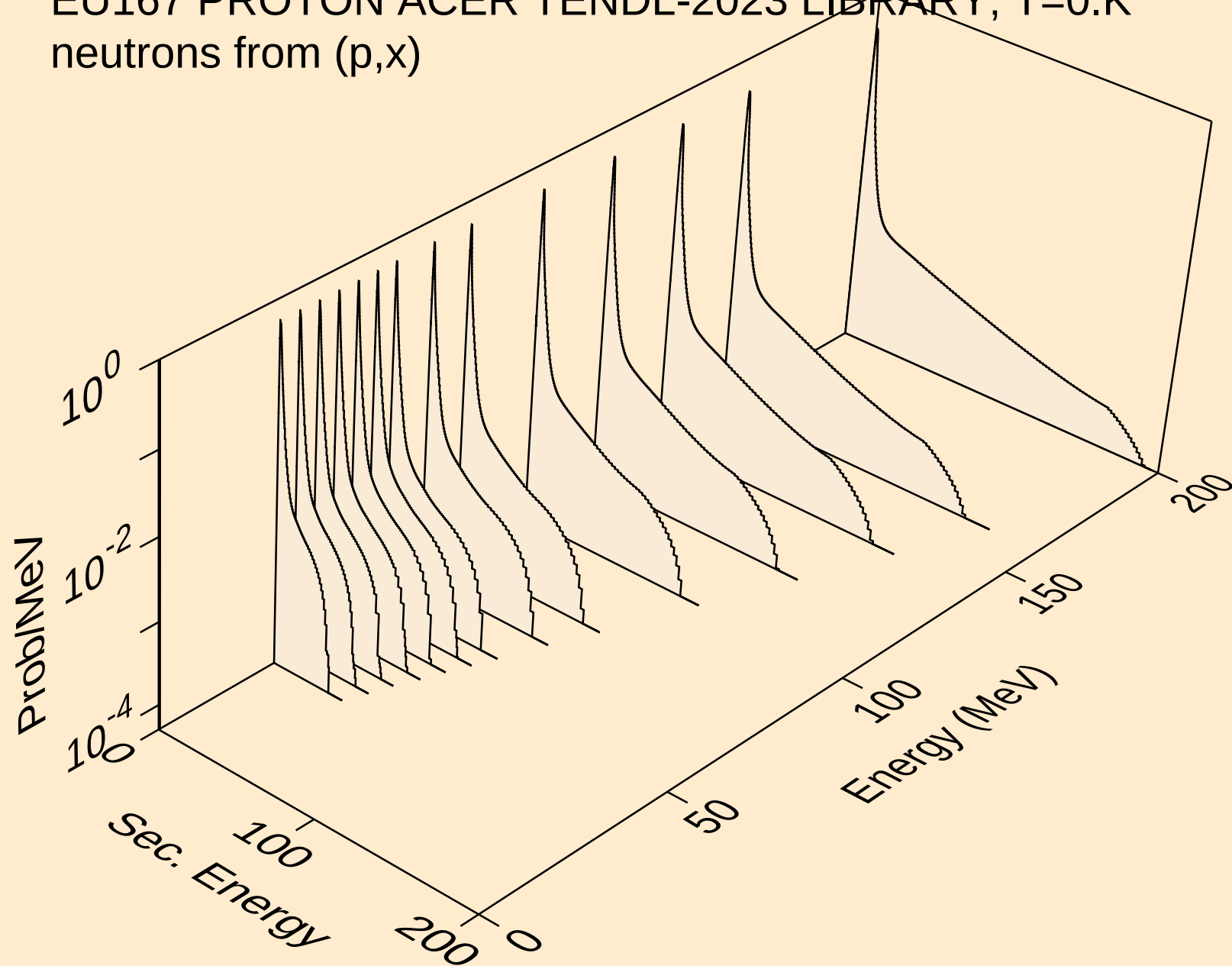
## Particle production cross sections



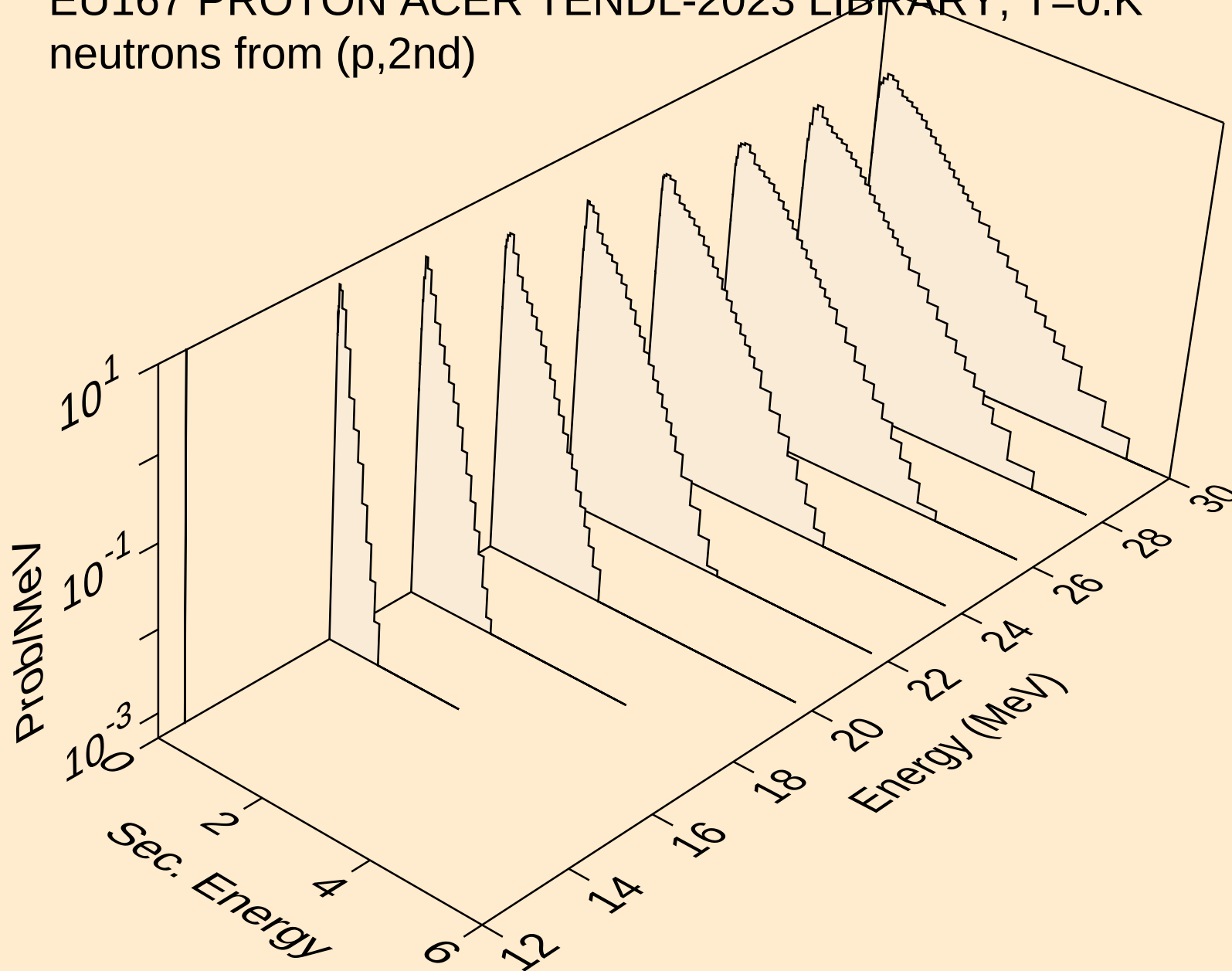
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



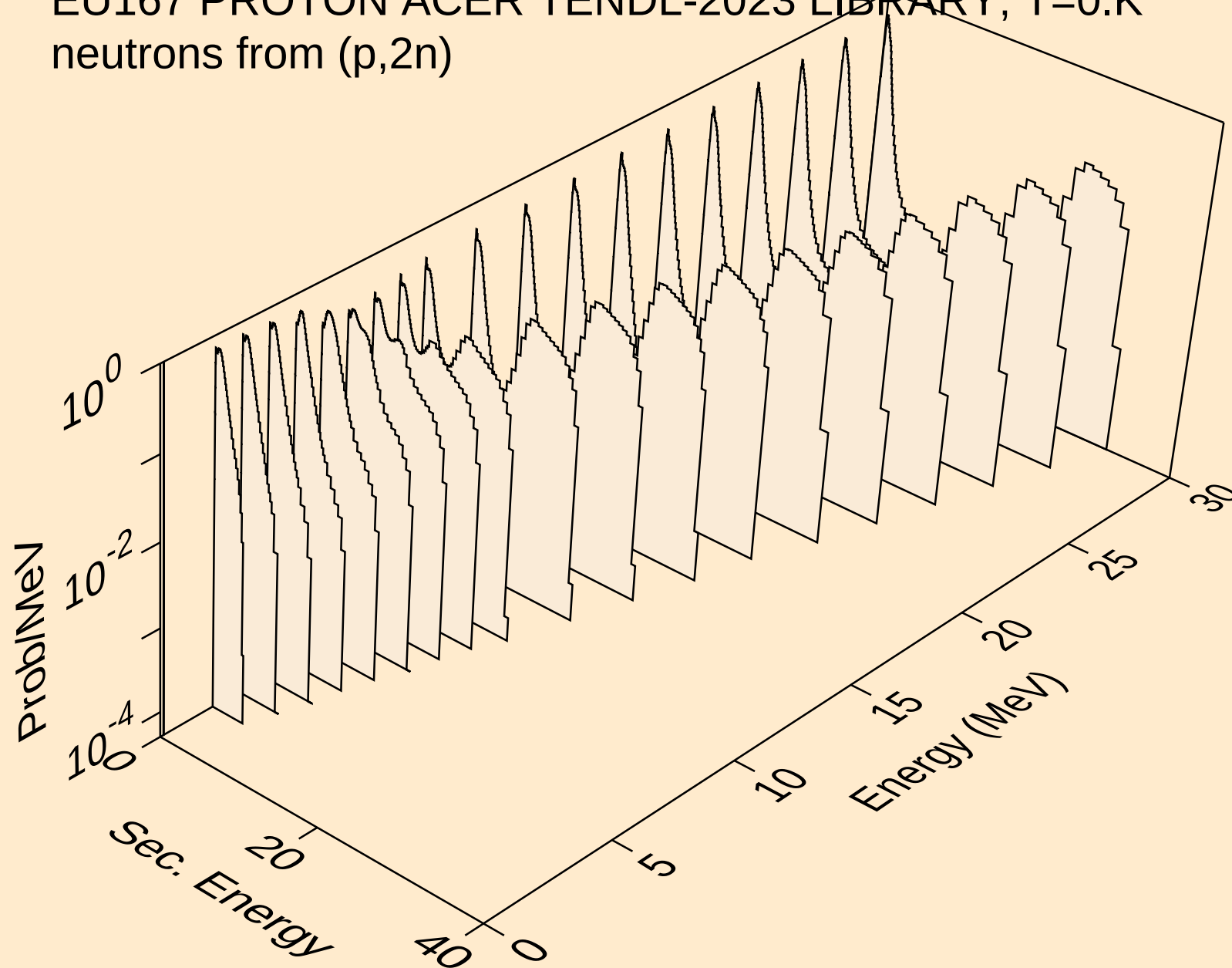
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



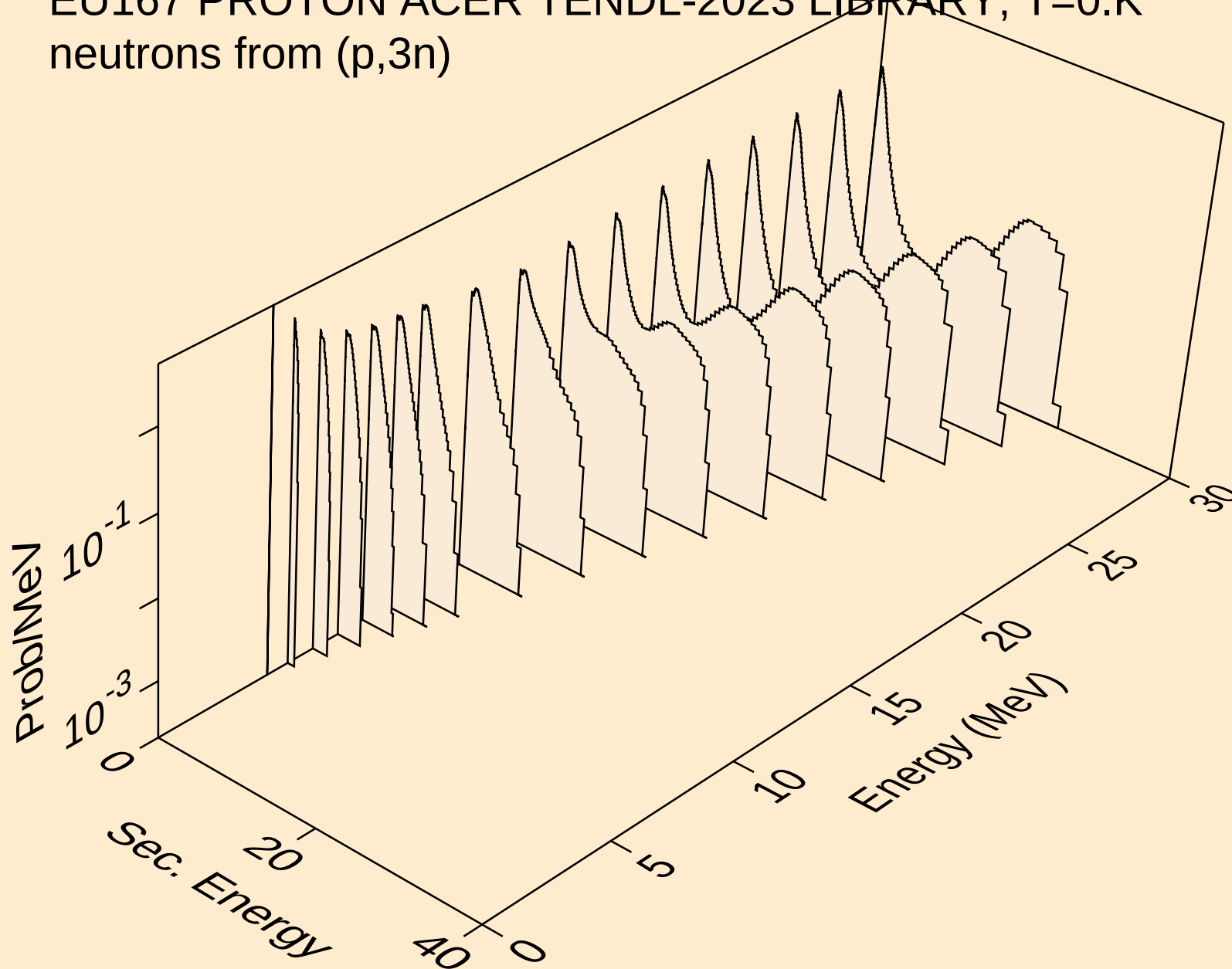
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



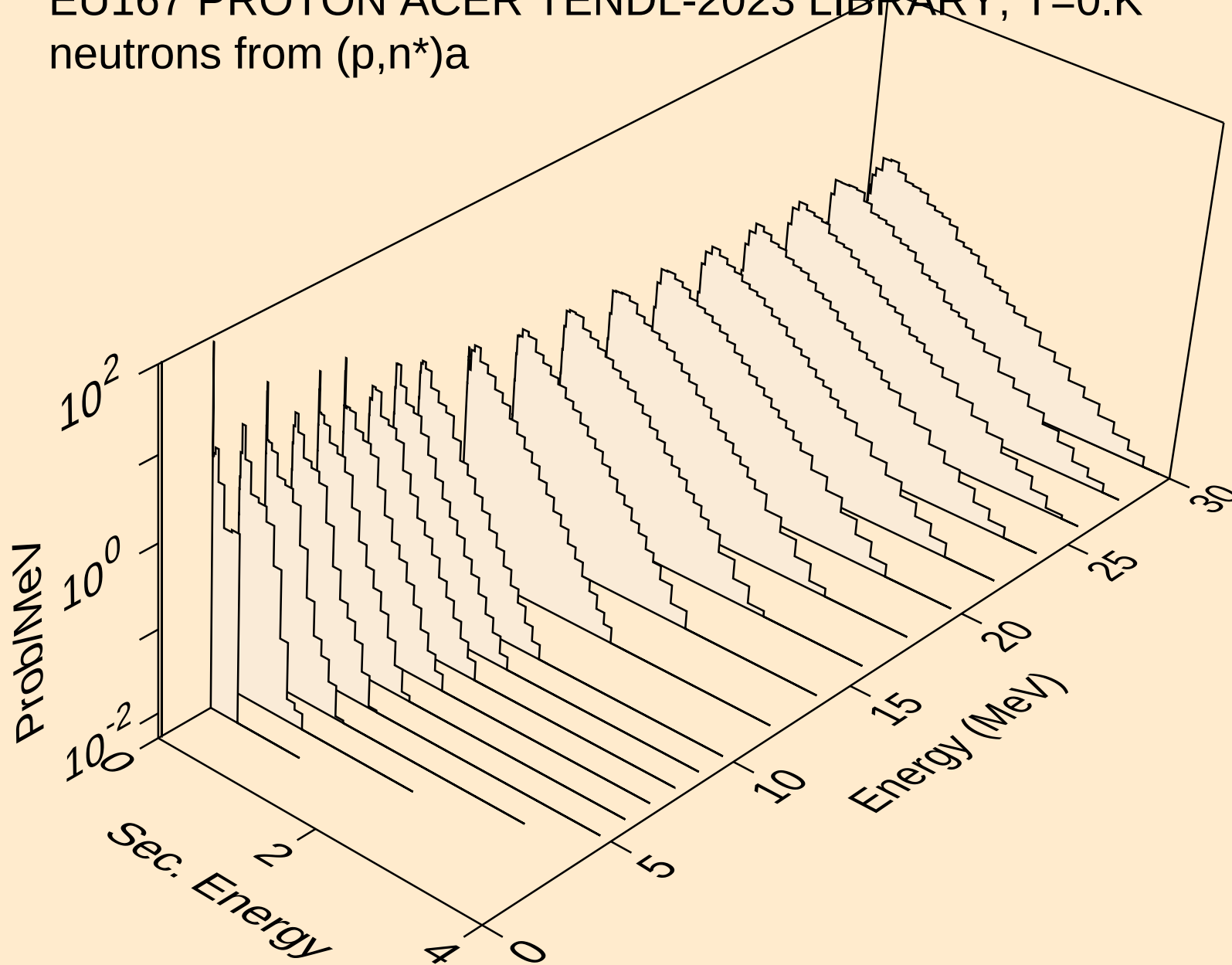
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



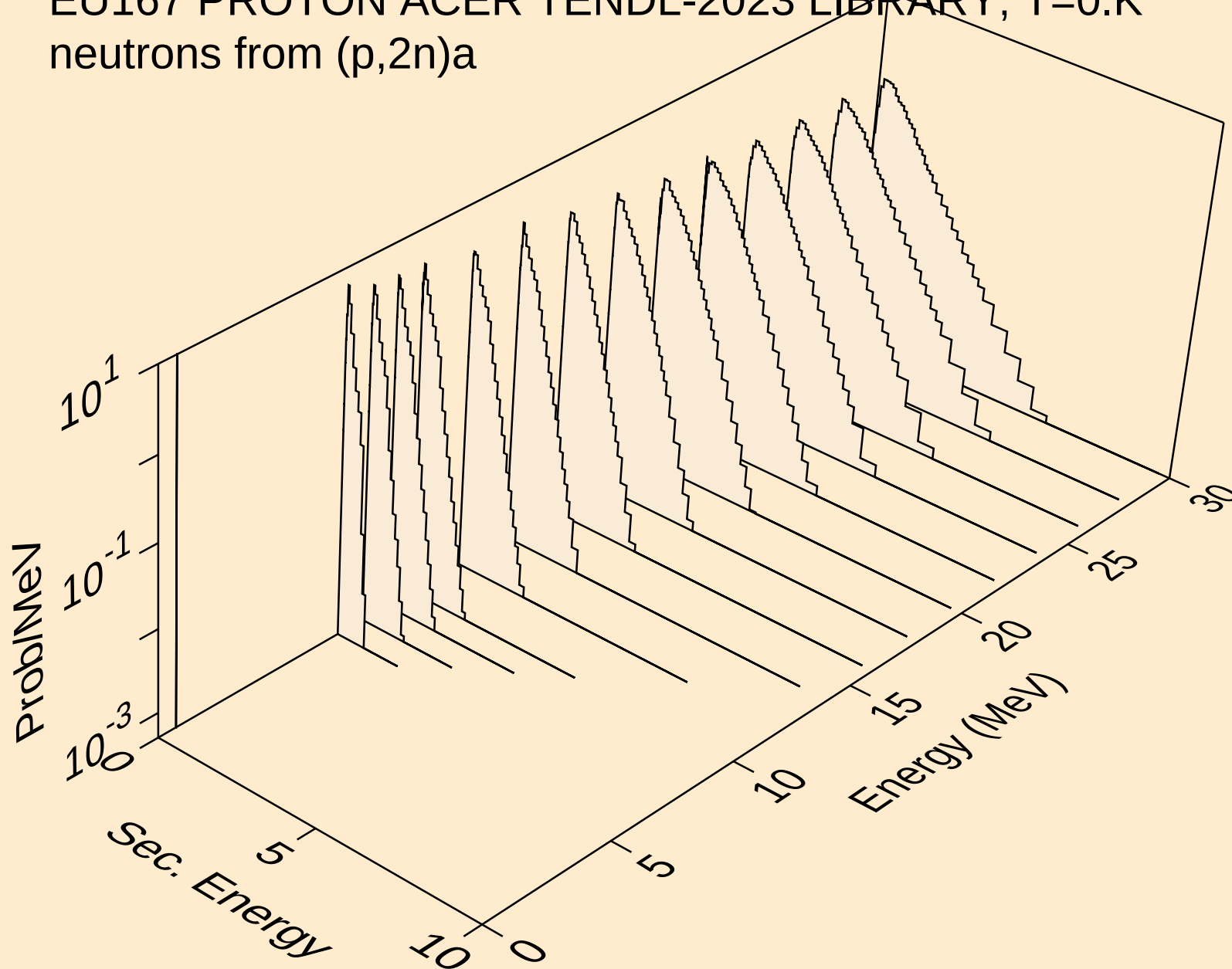
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



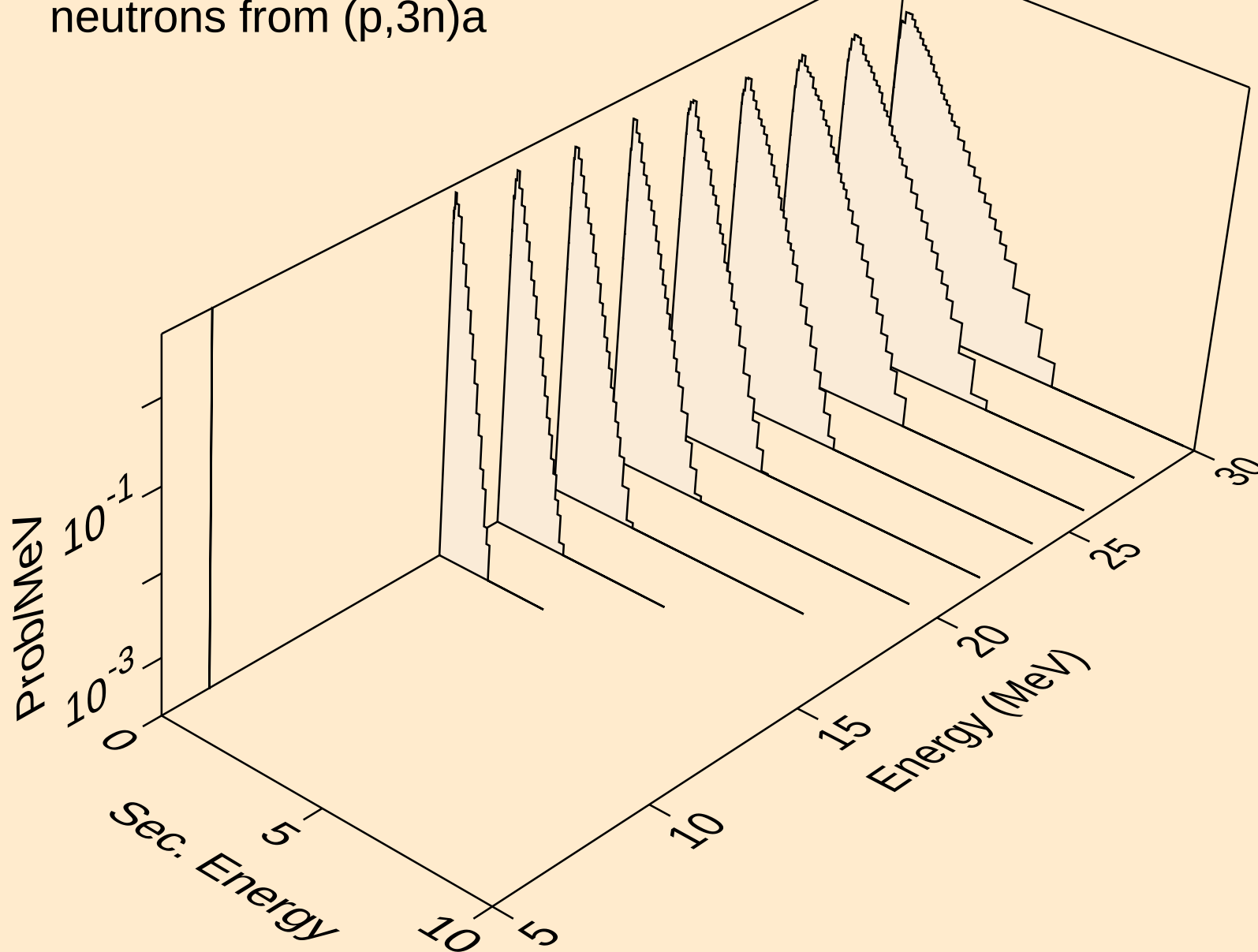
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



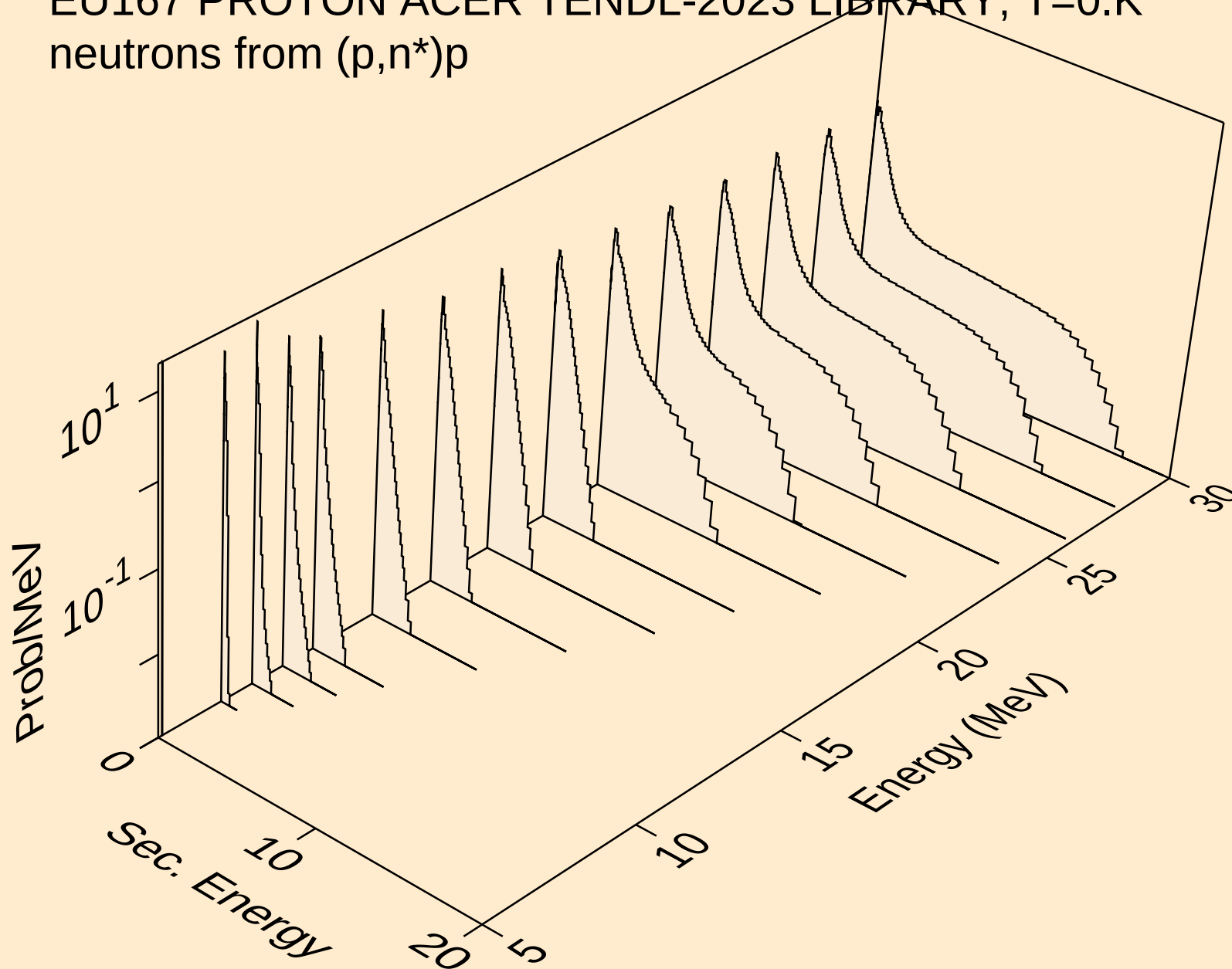
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



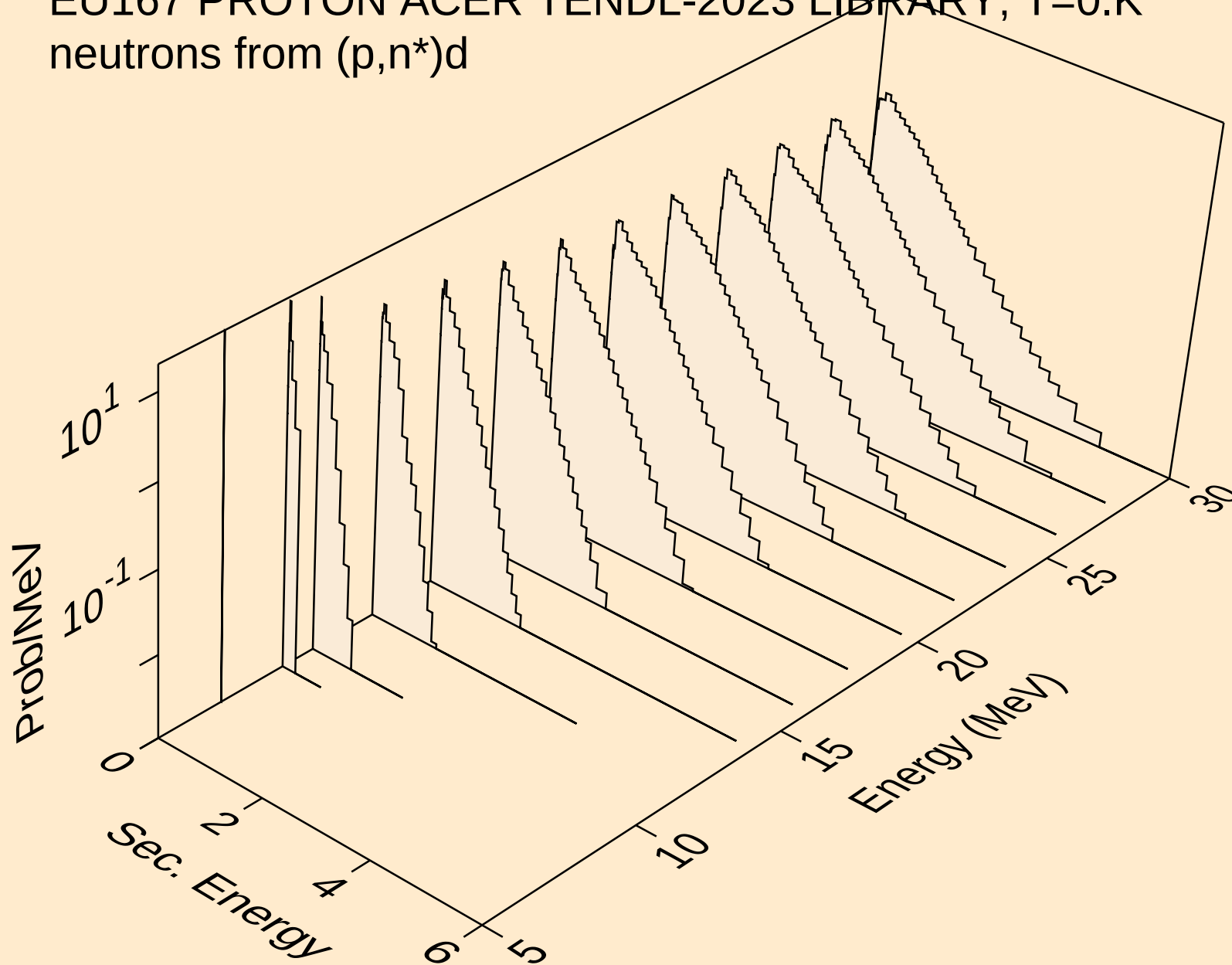
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



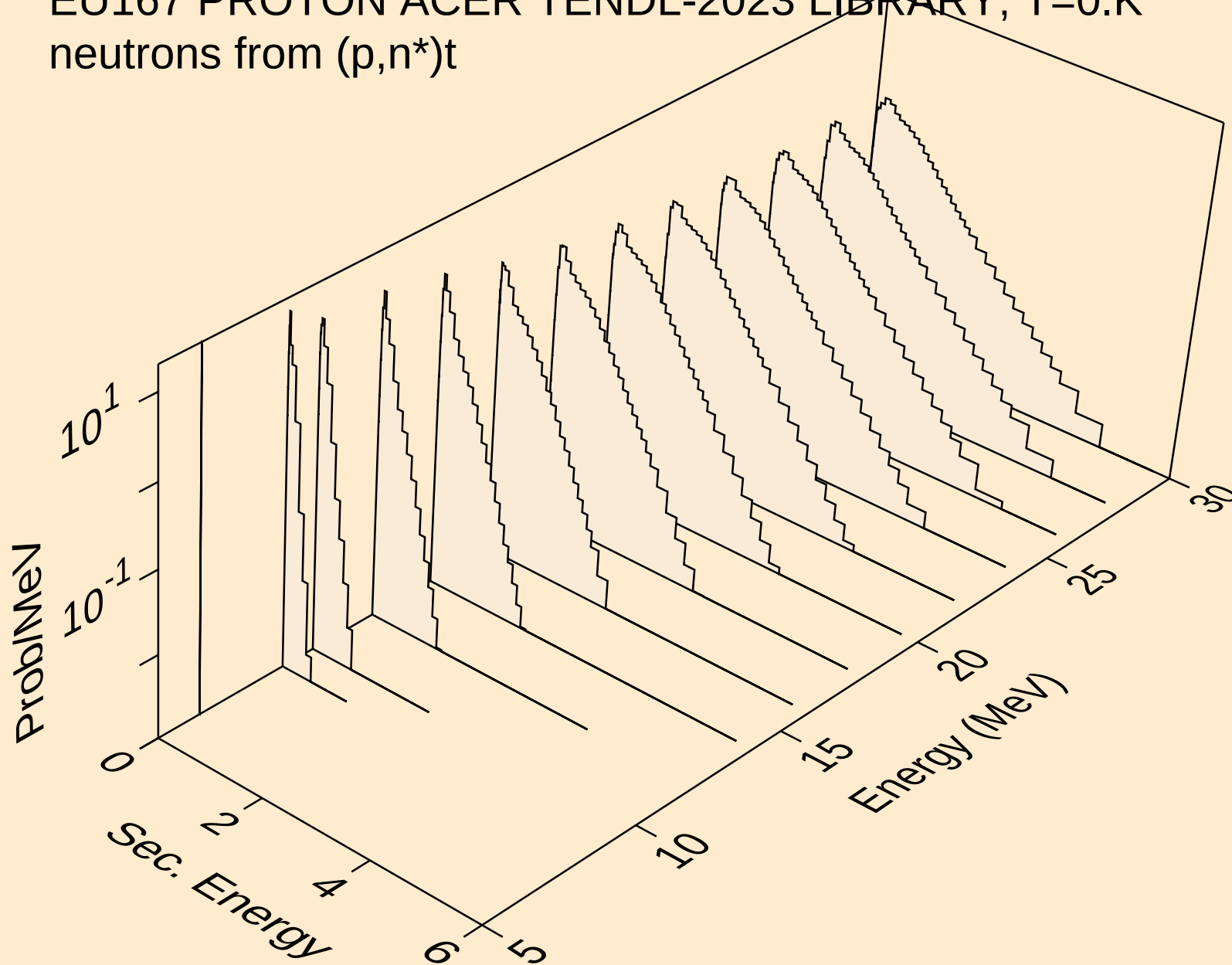
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from  $(p,n^*)p$



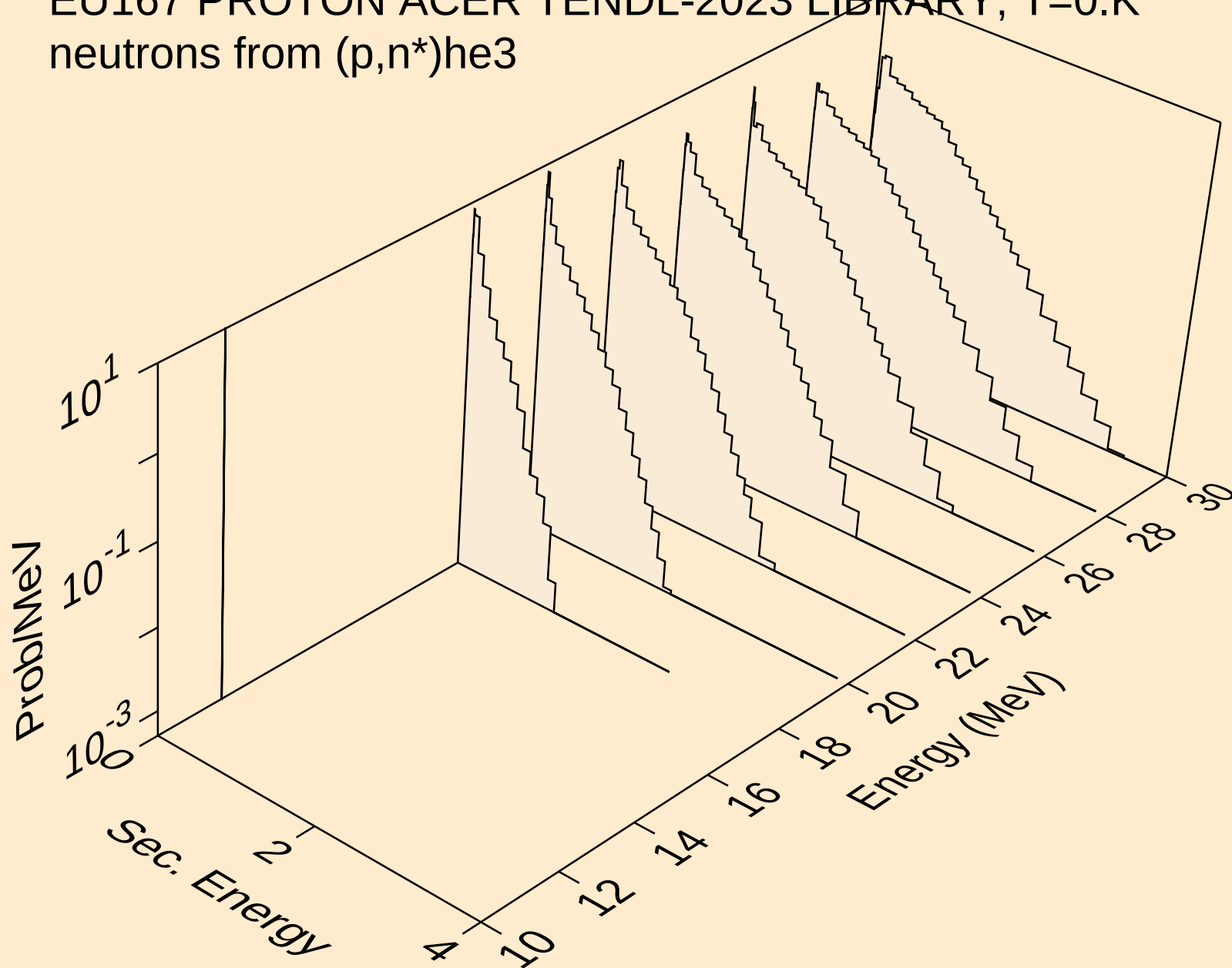
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



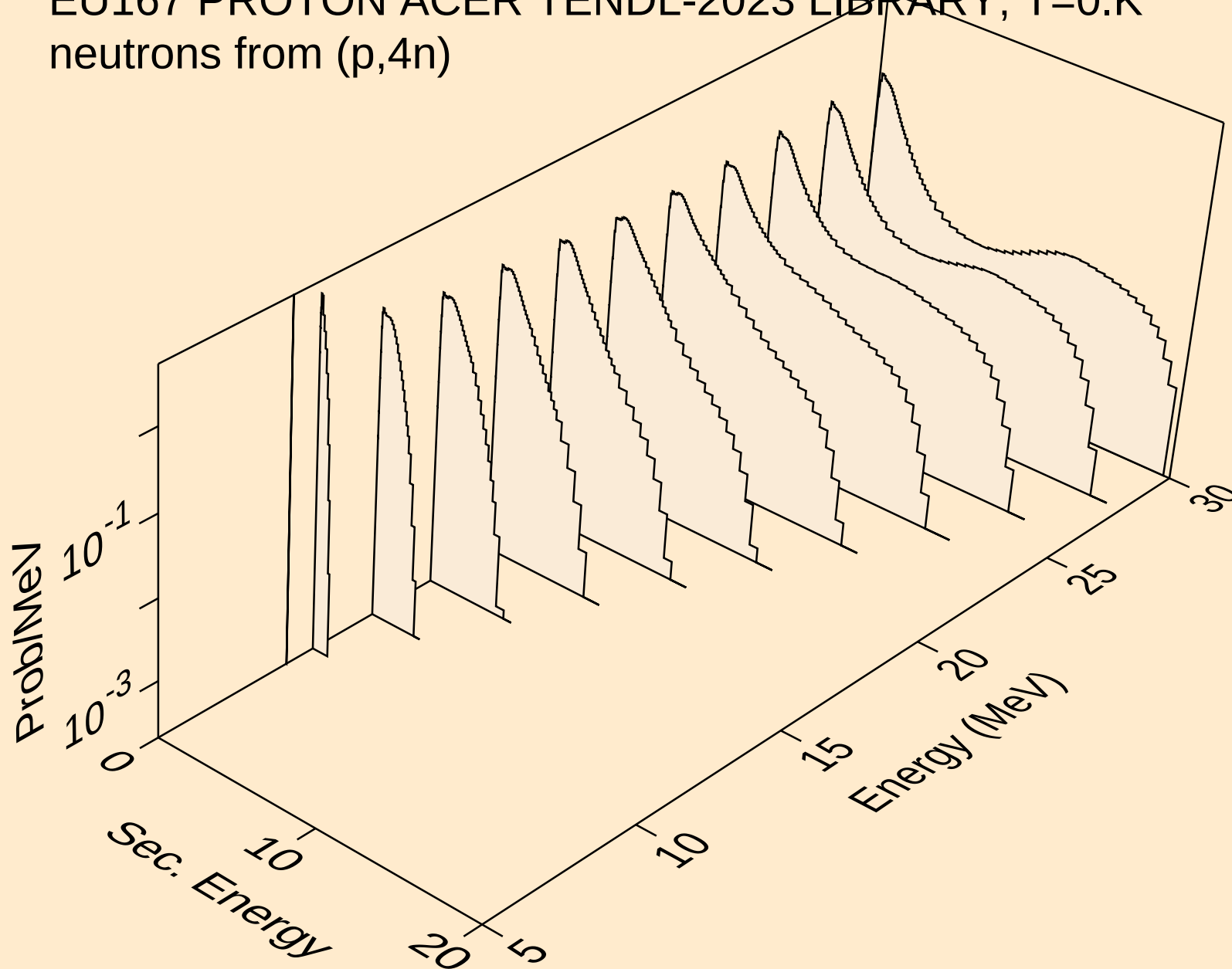
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



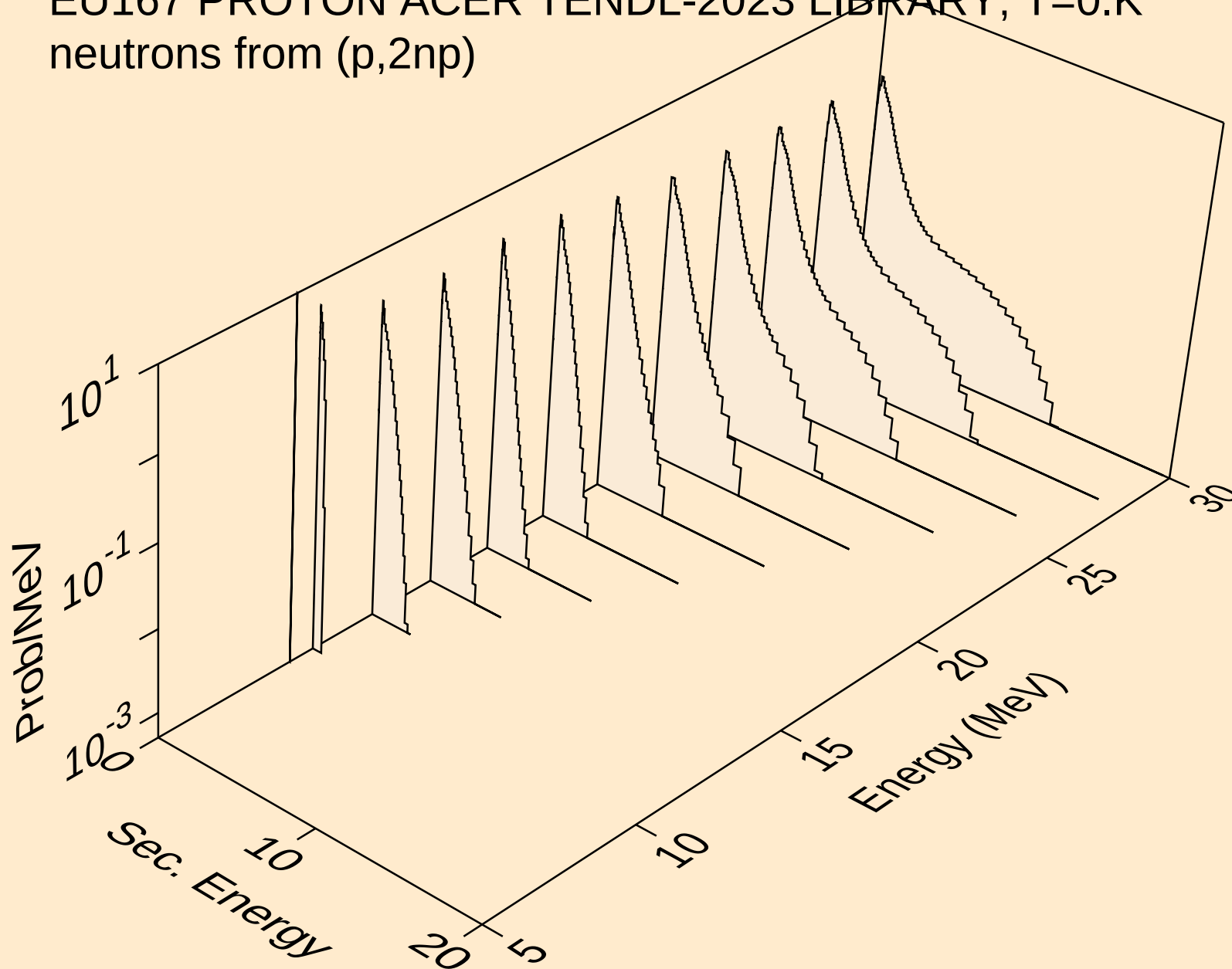
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



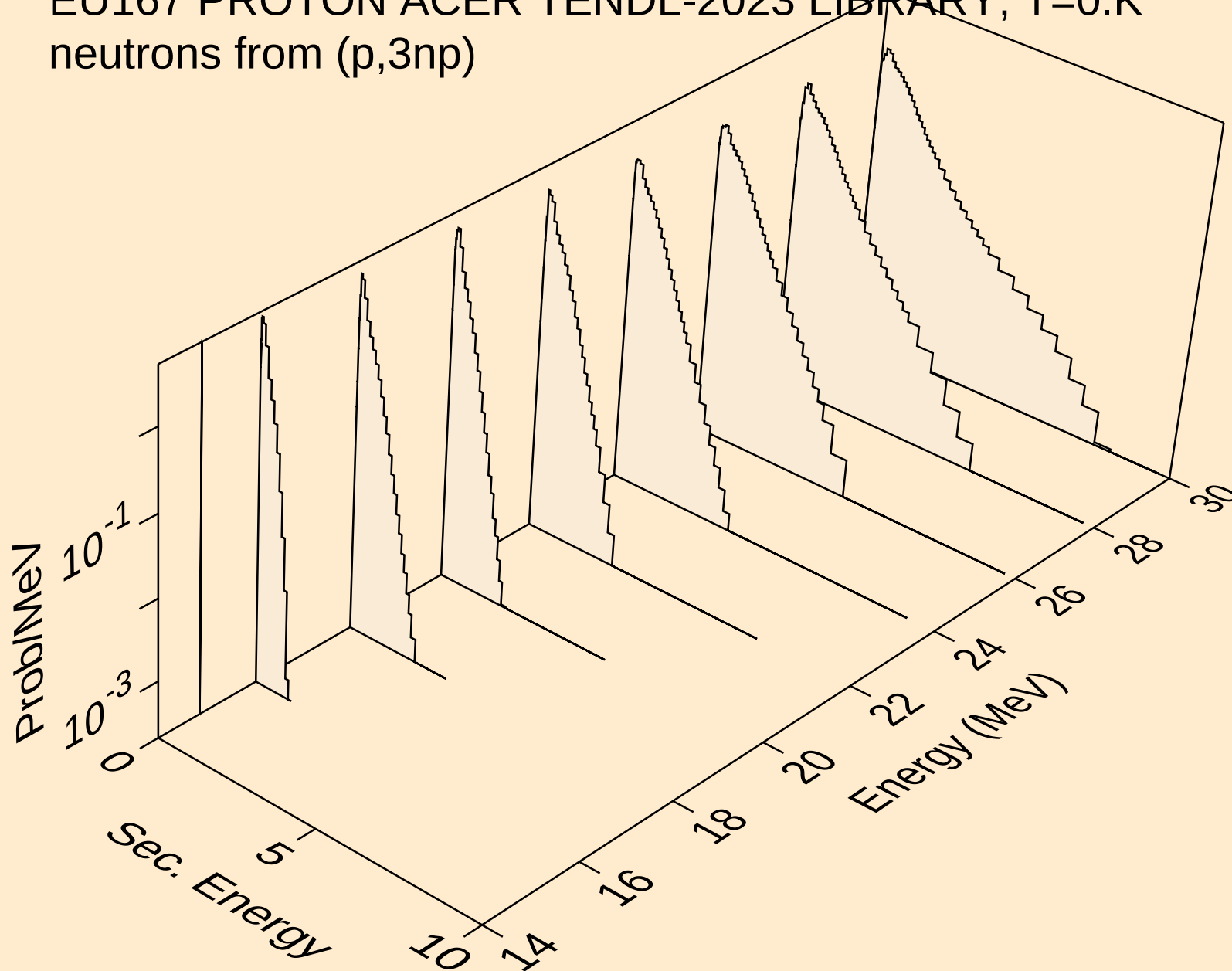
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



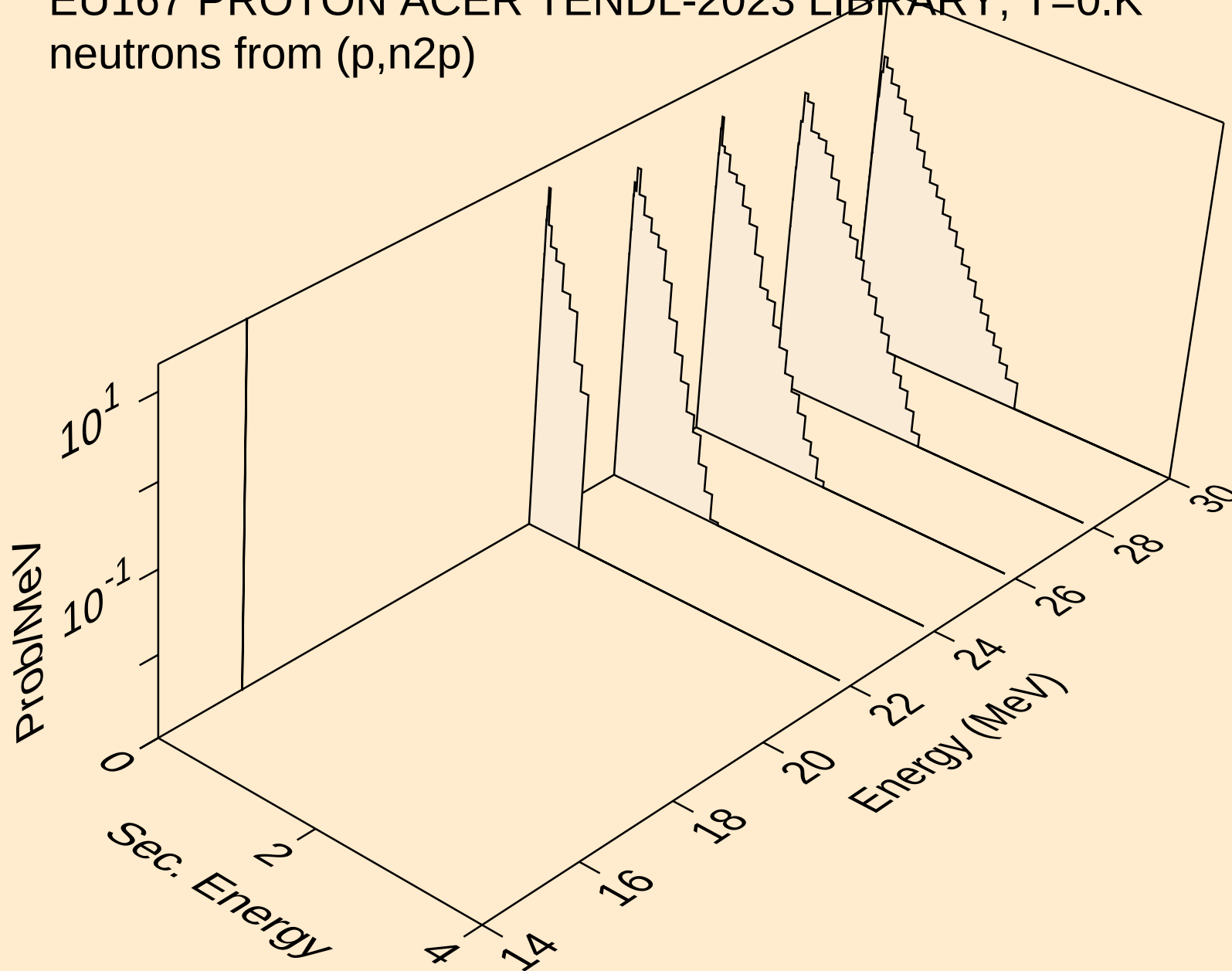
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



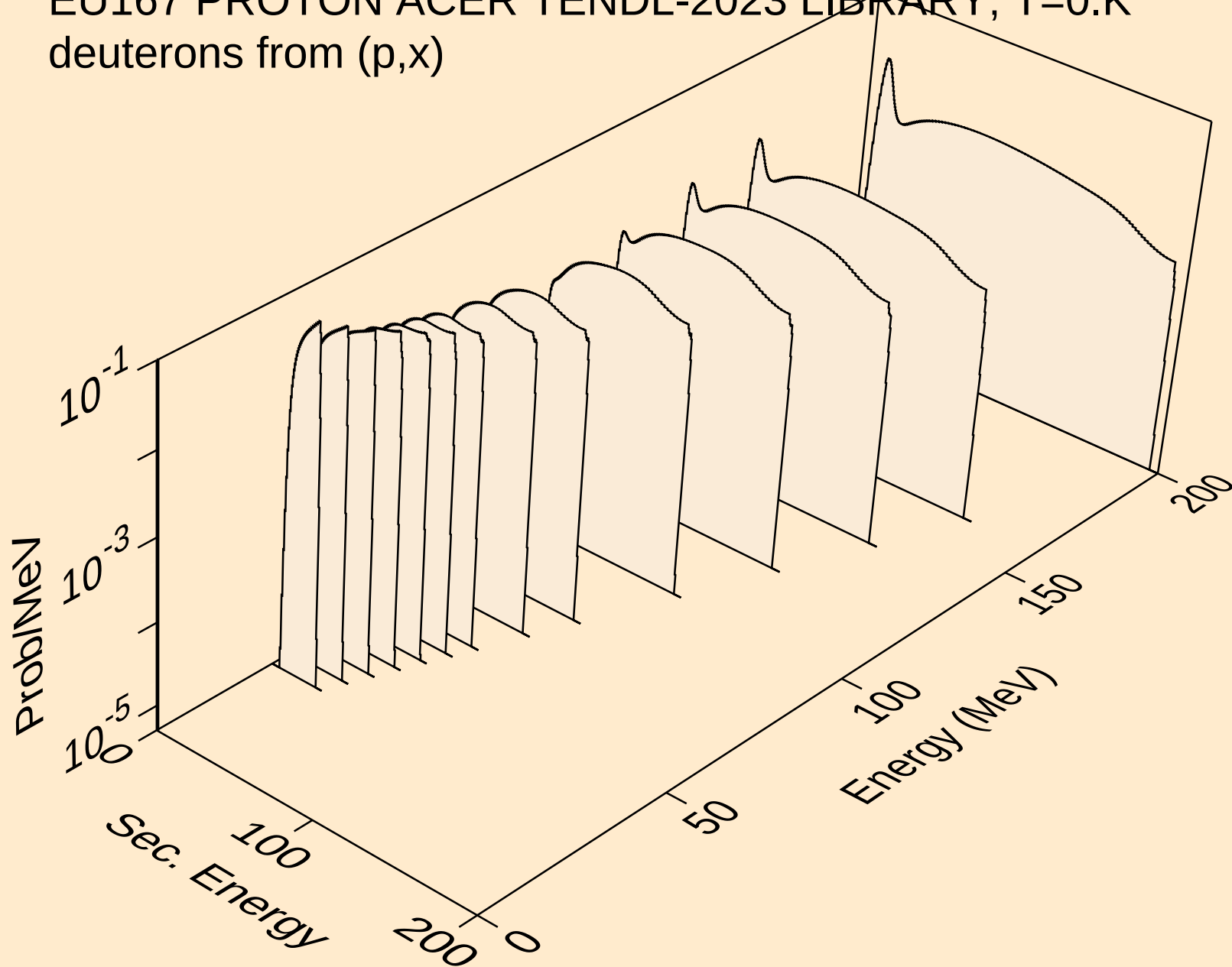
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



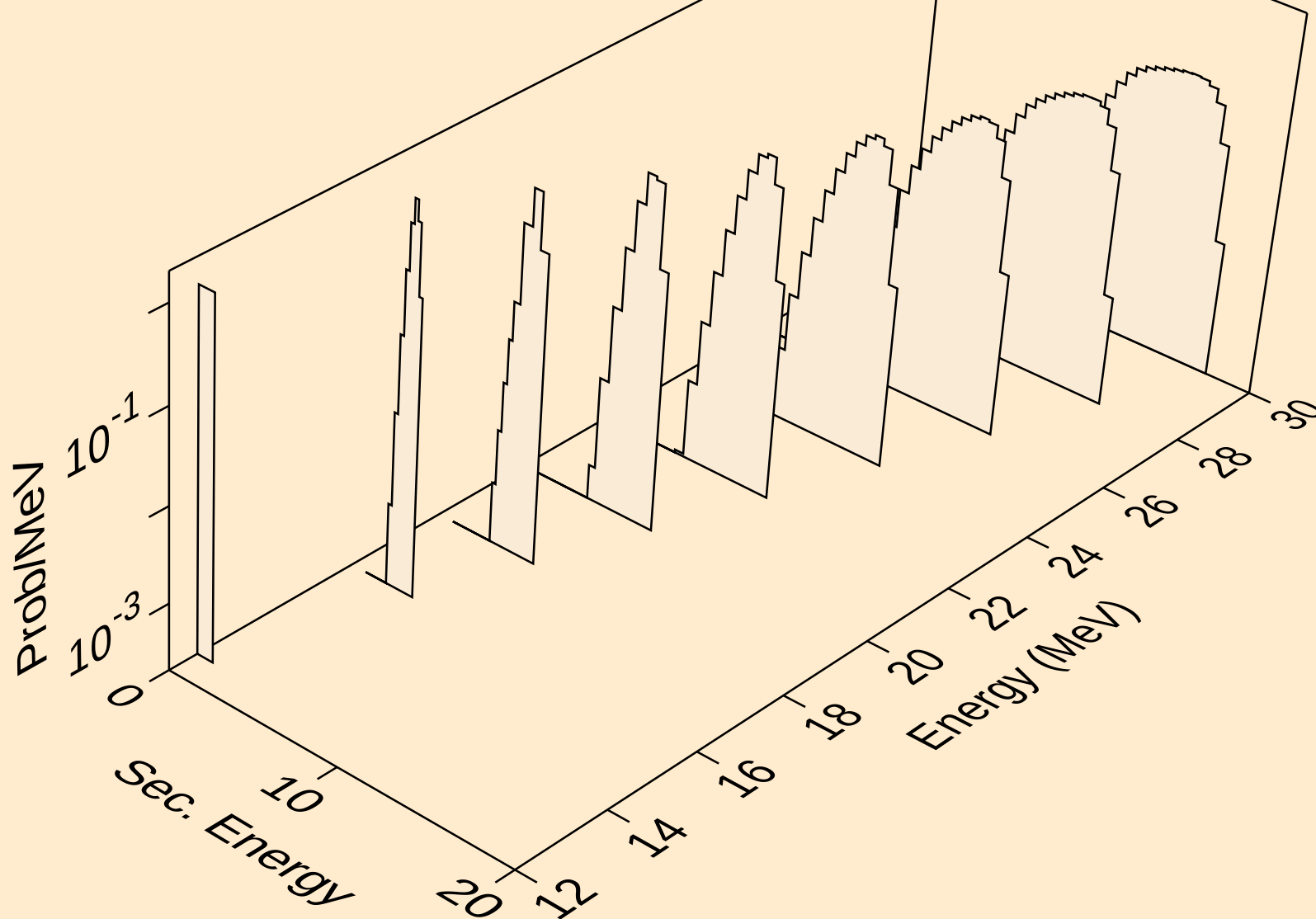
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



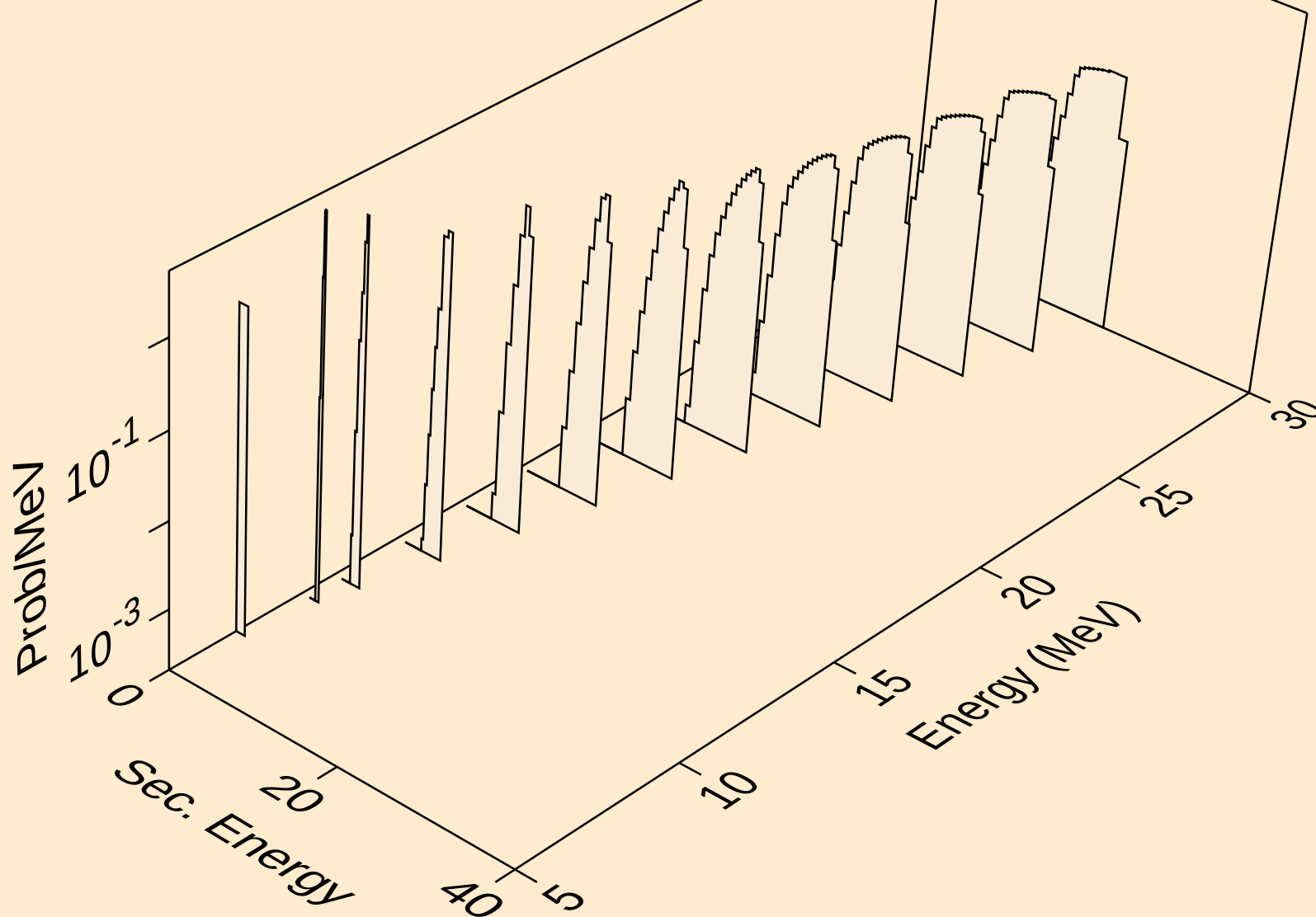
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



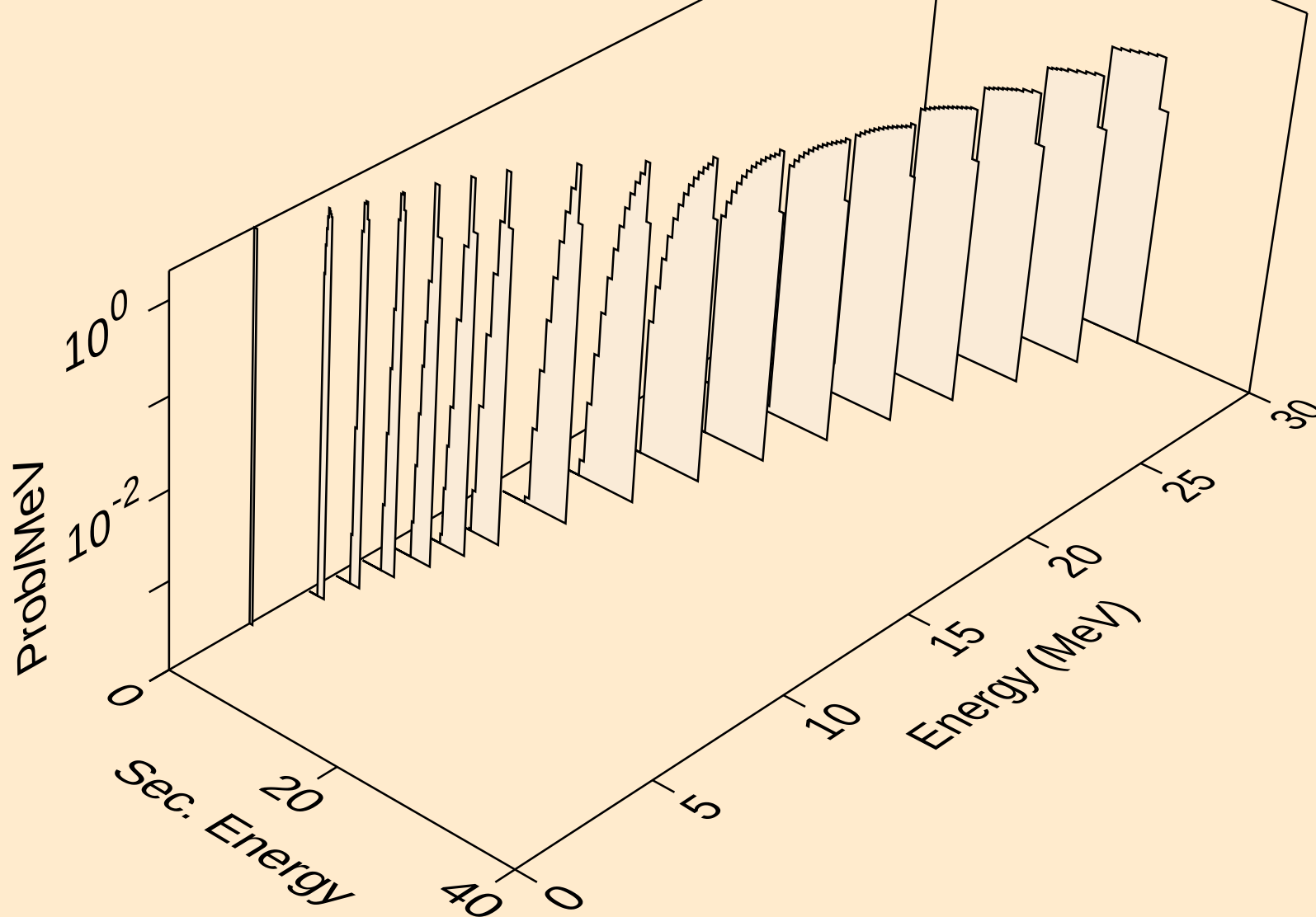
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



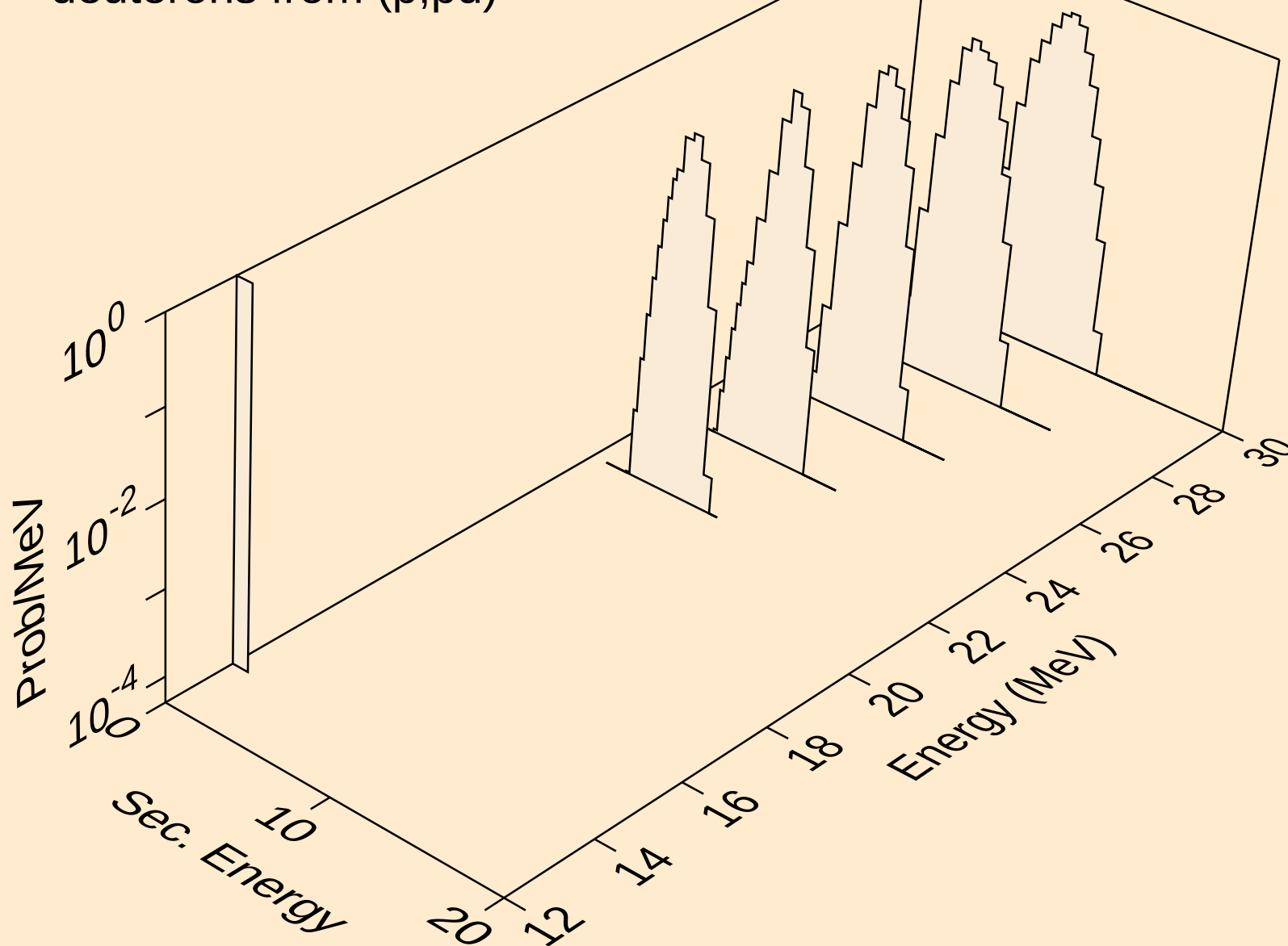
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



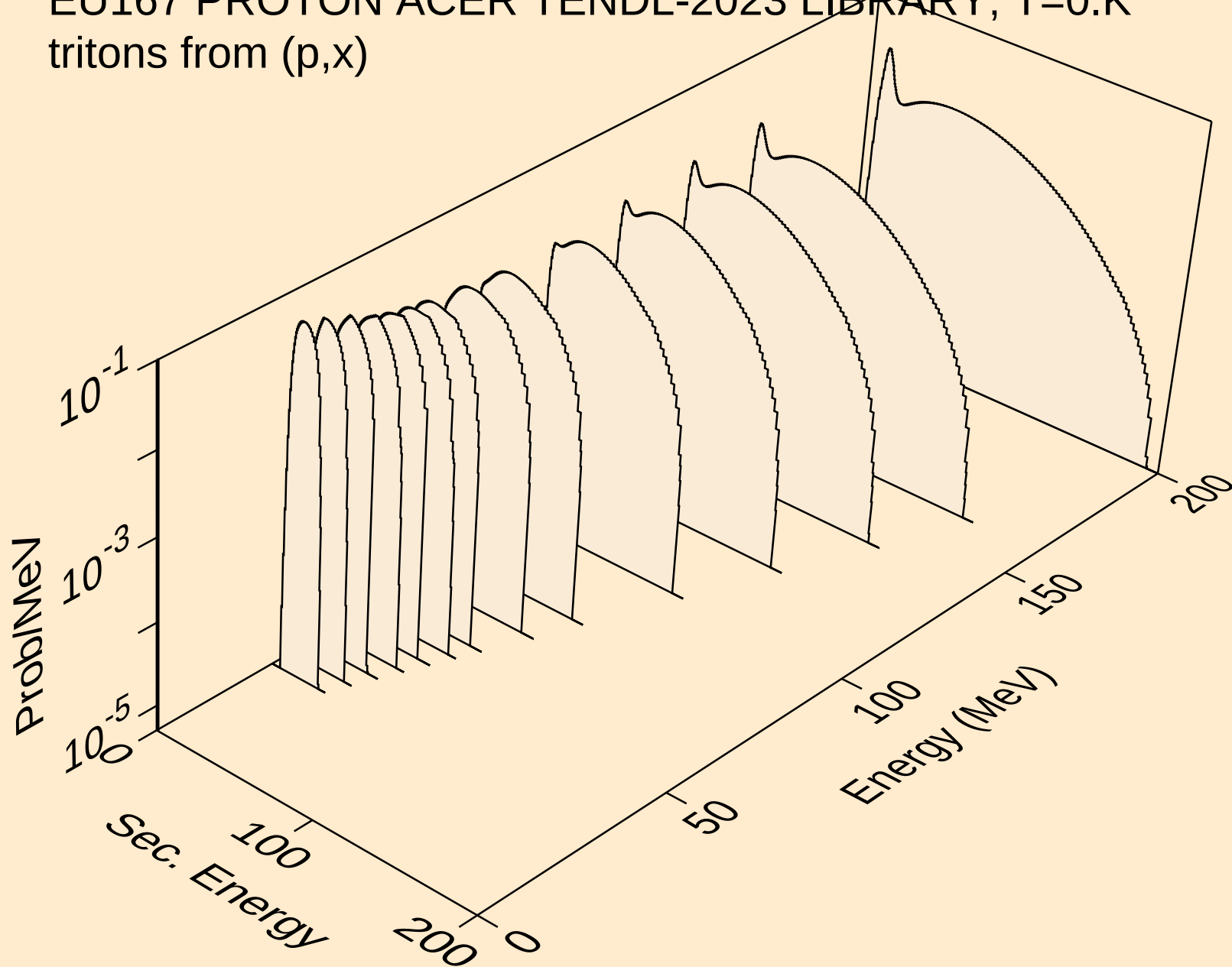
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



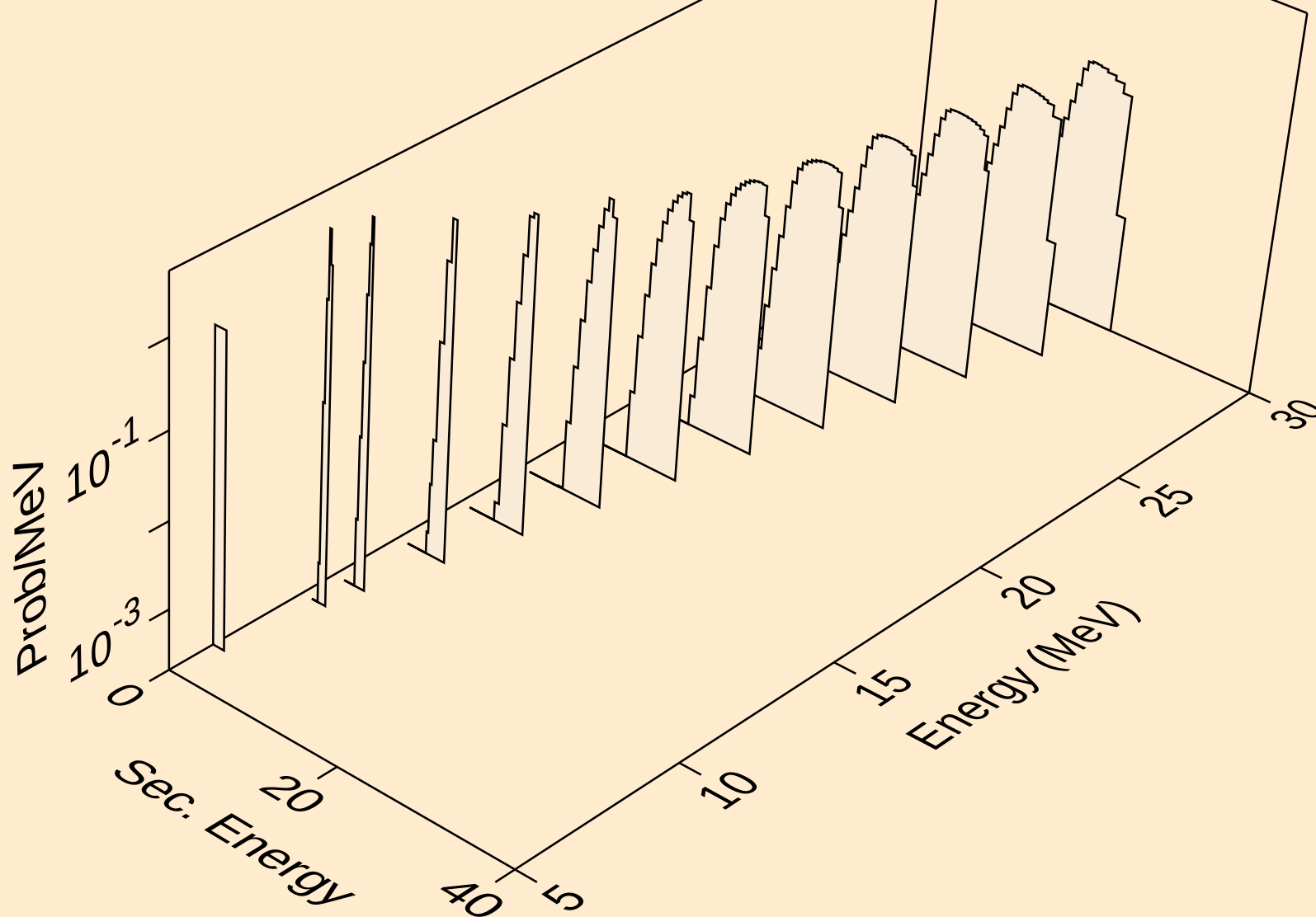
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



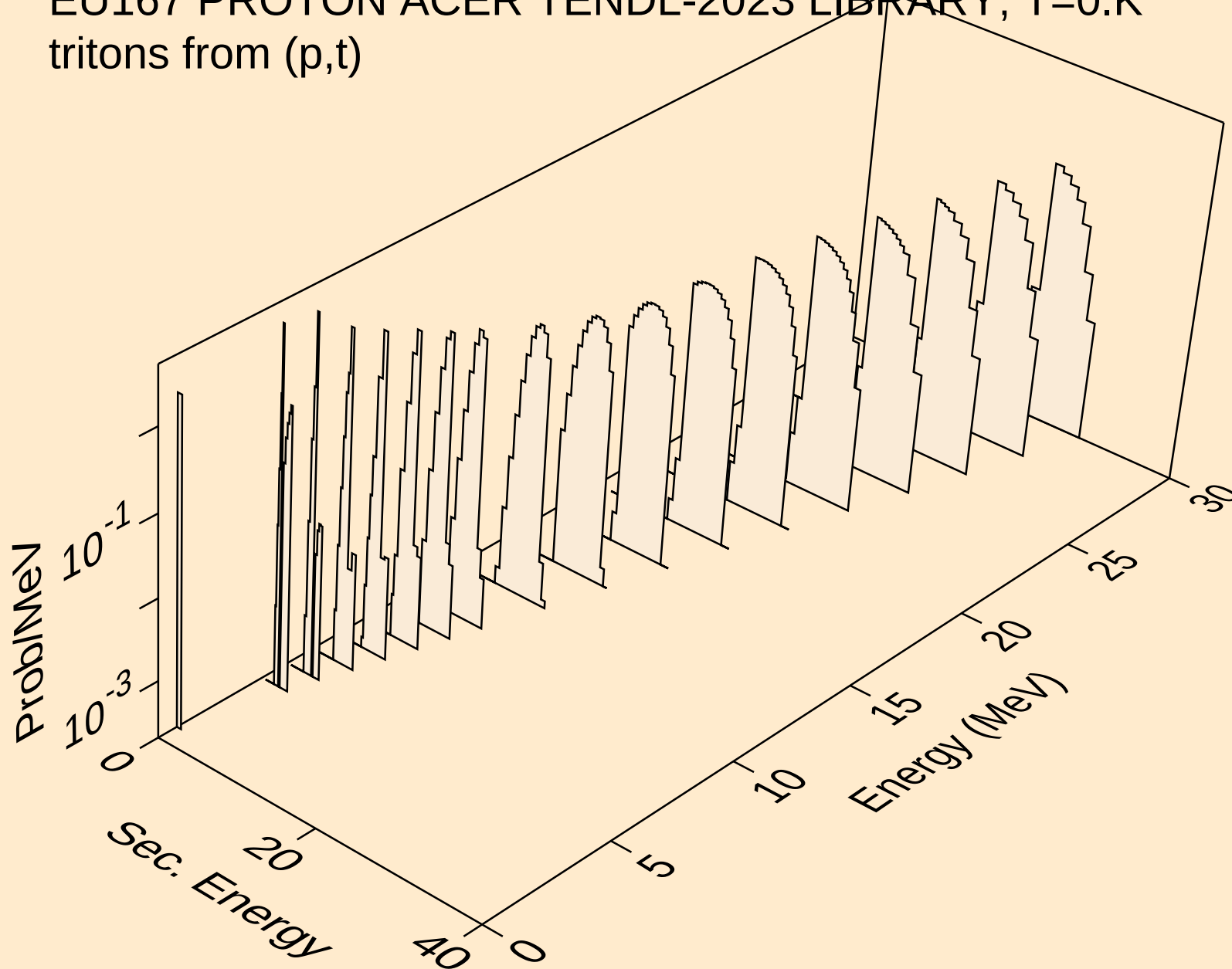
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



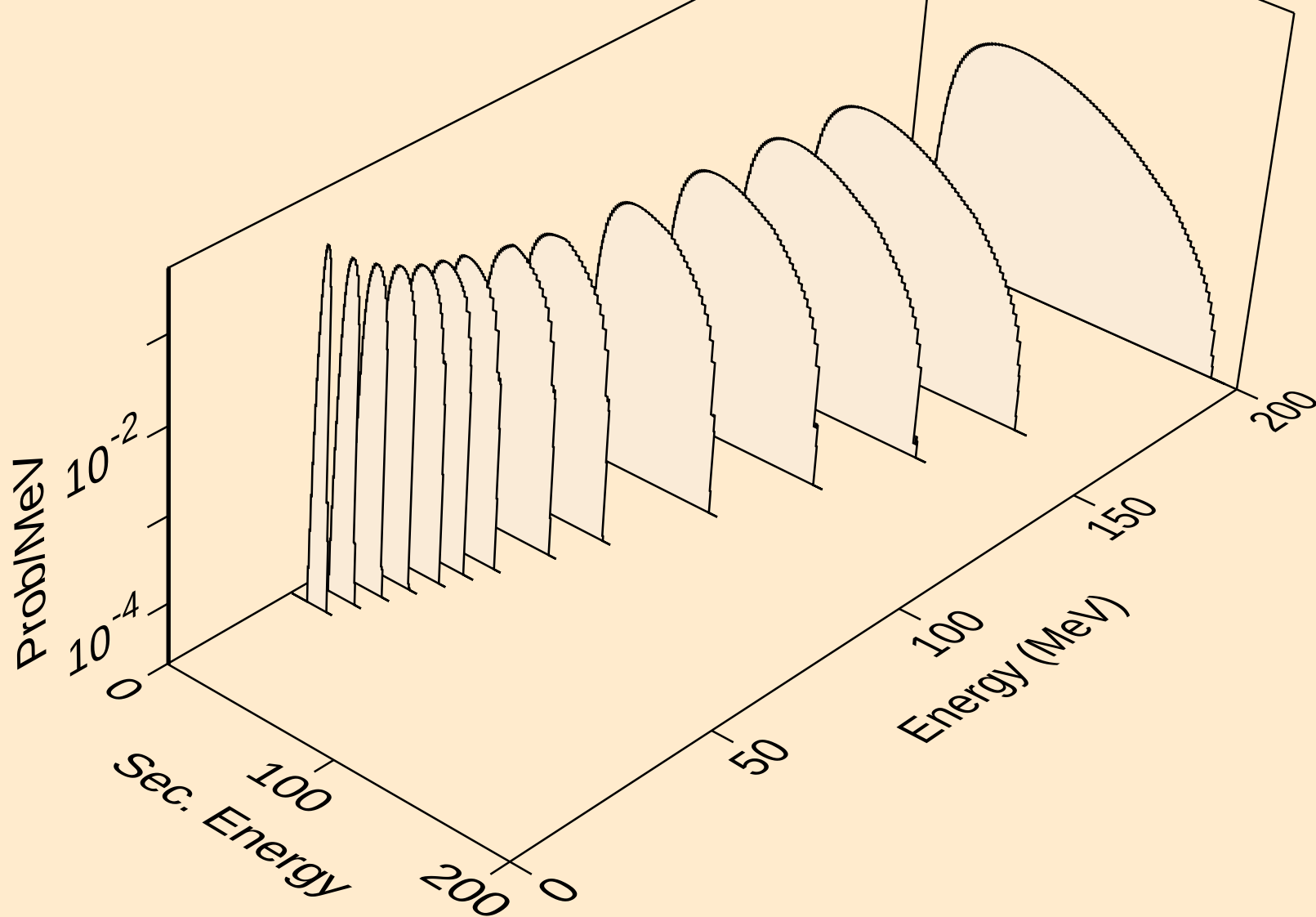
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



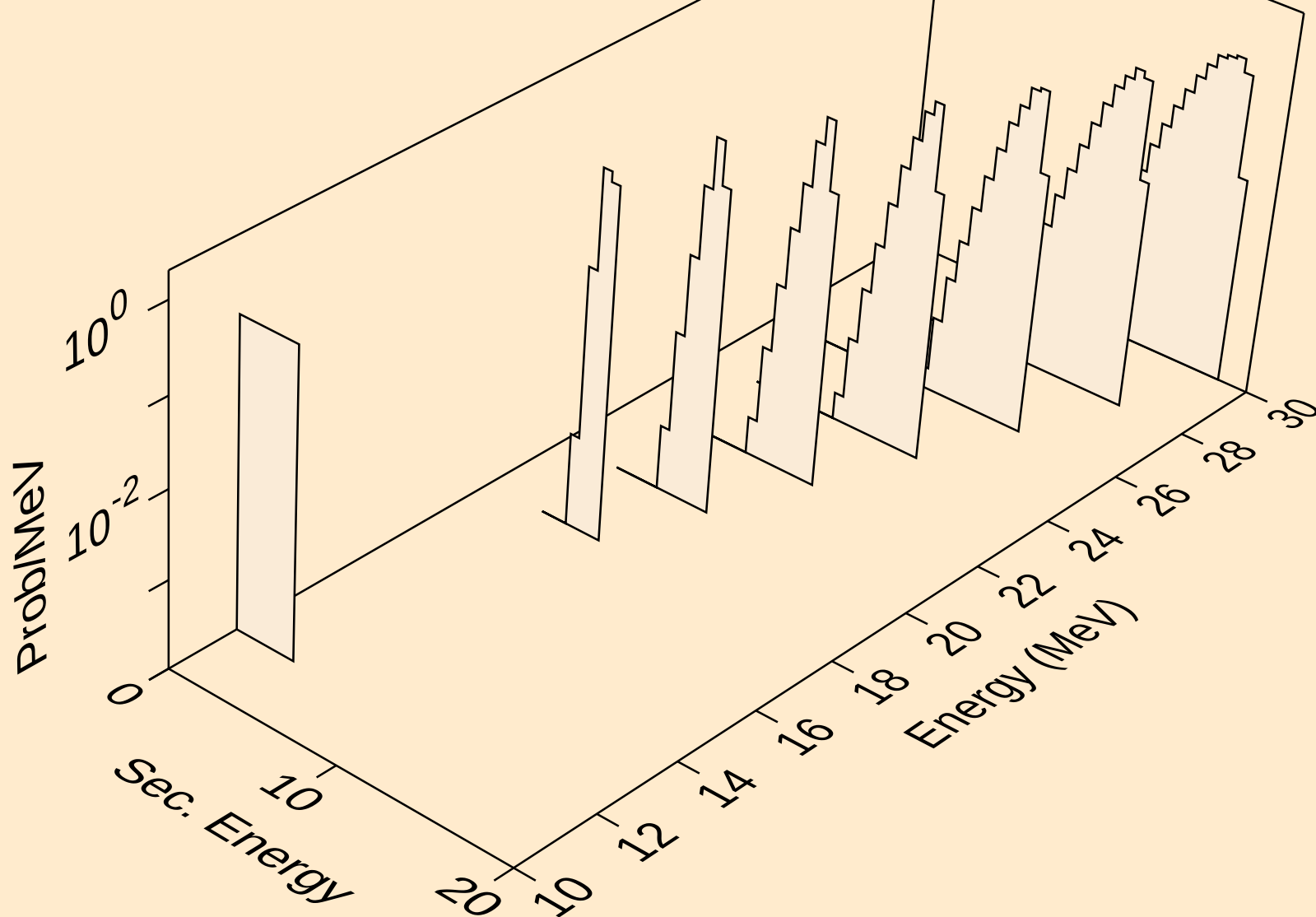
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



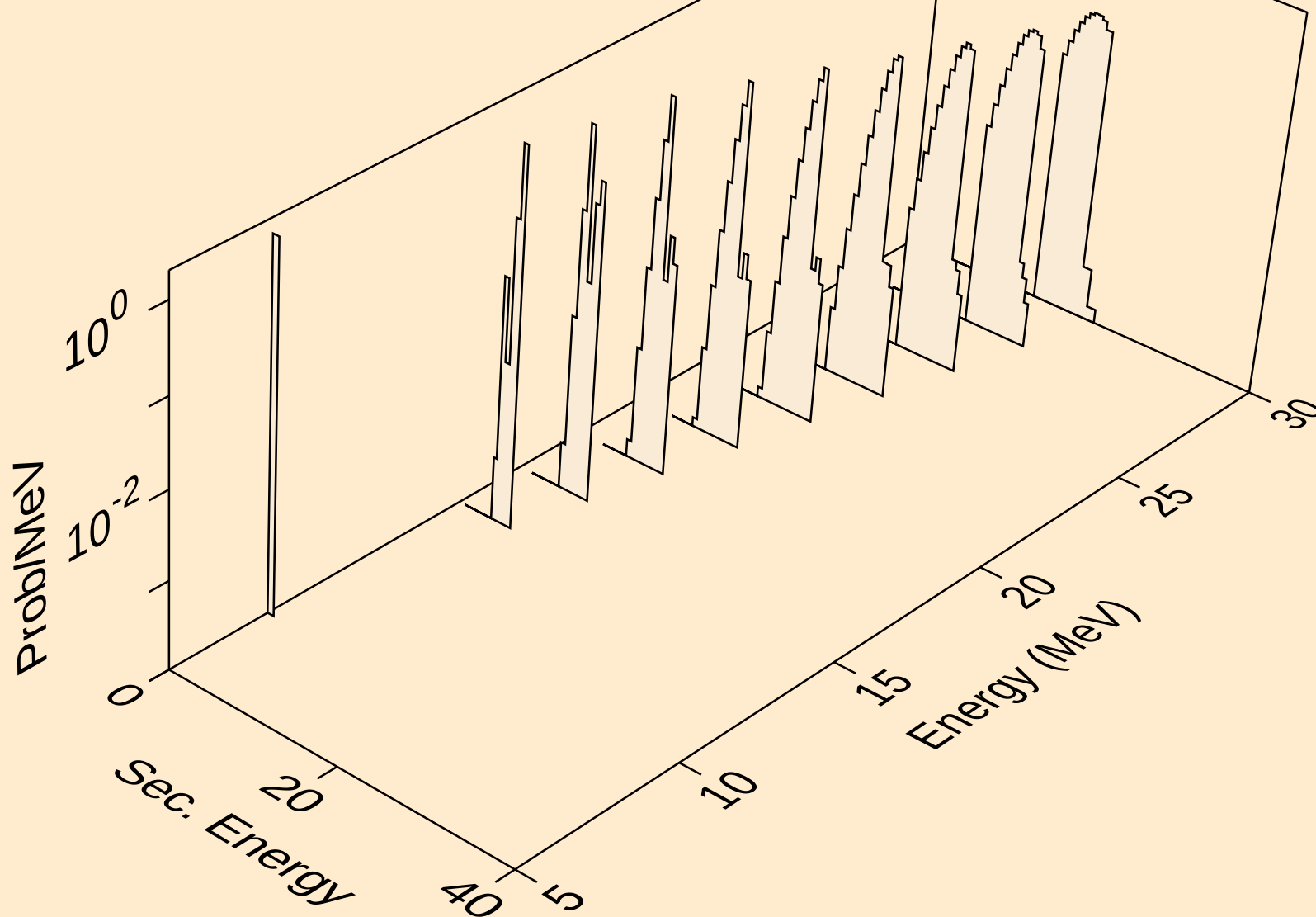
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



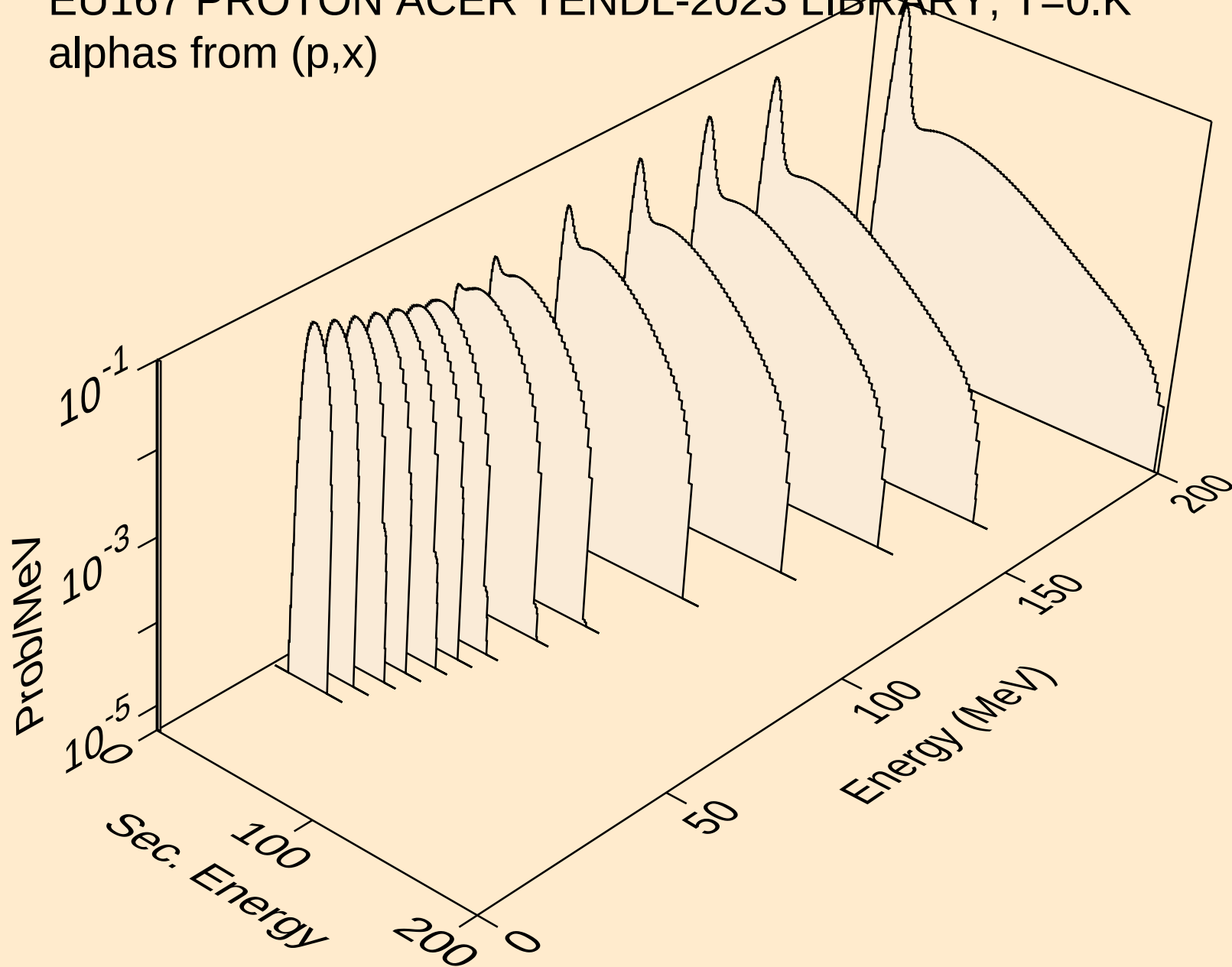
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



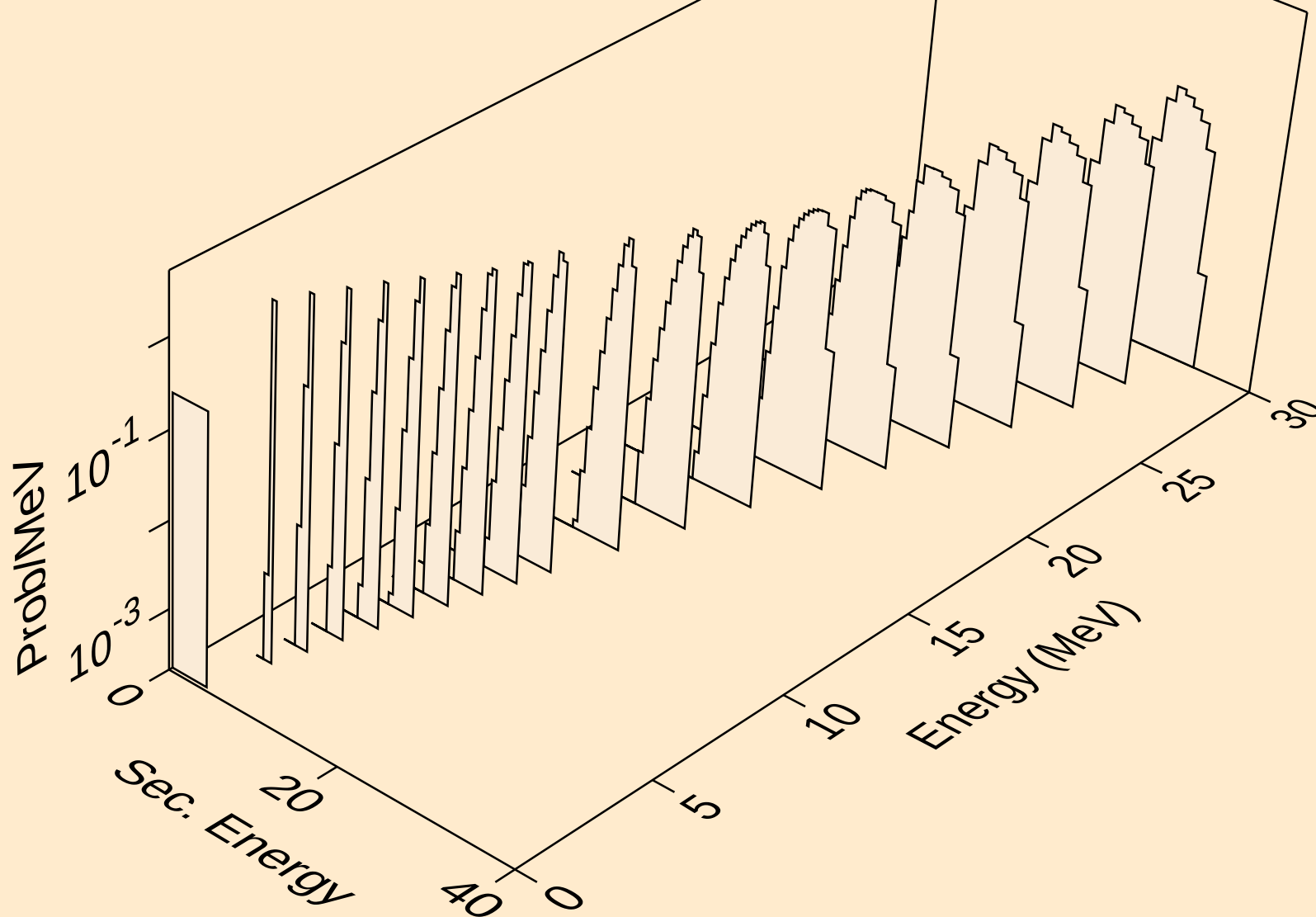
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



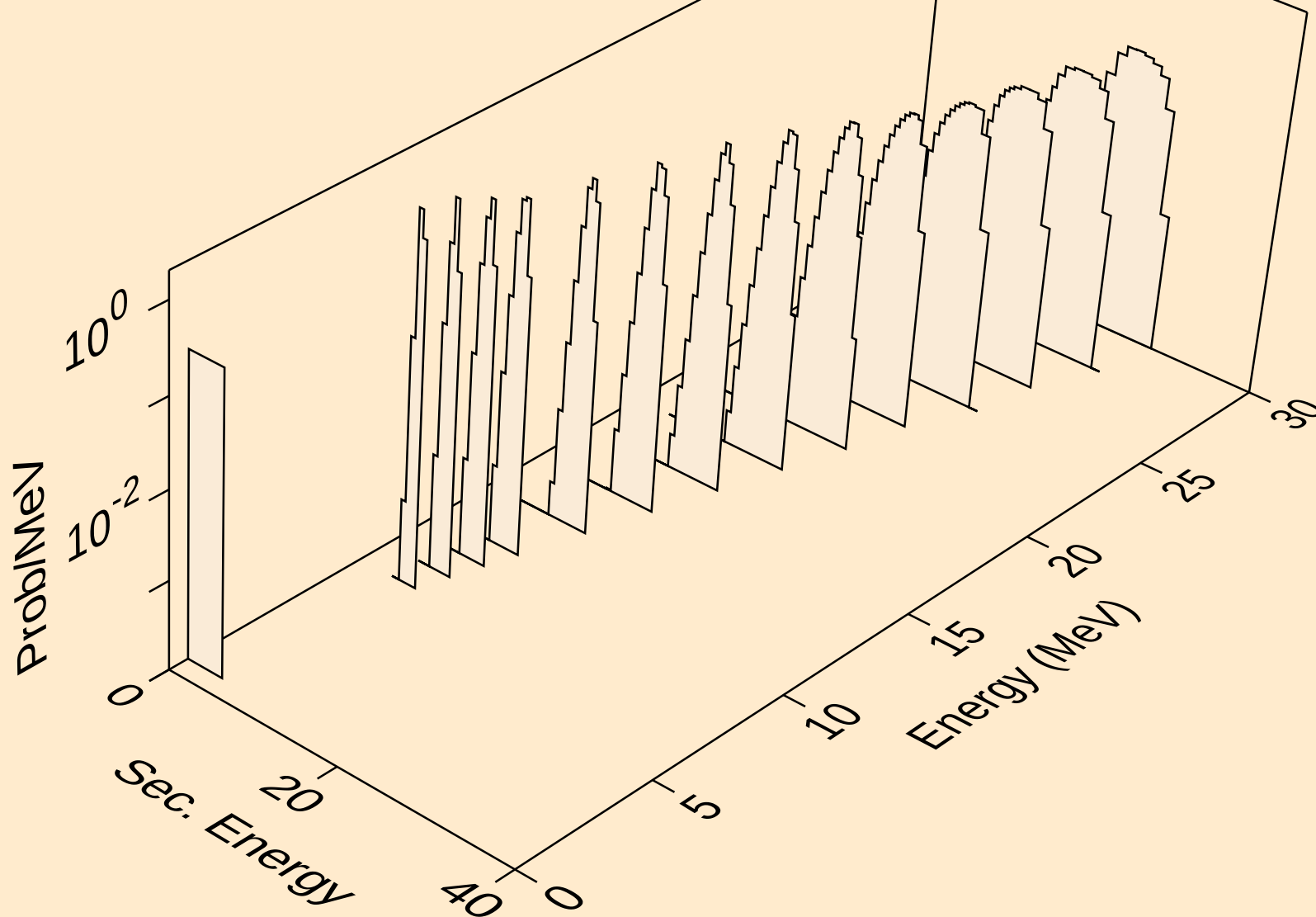
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



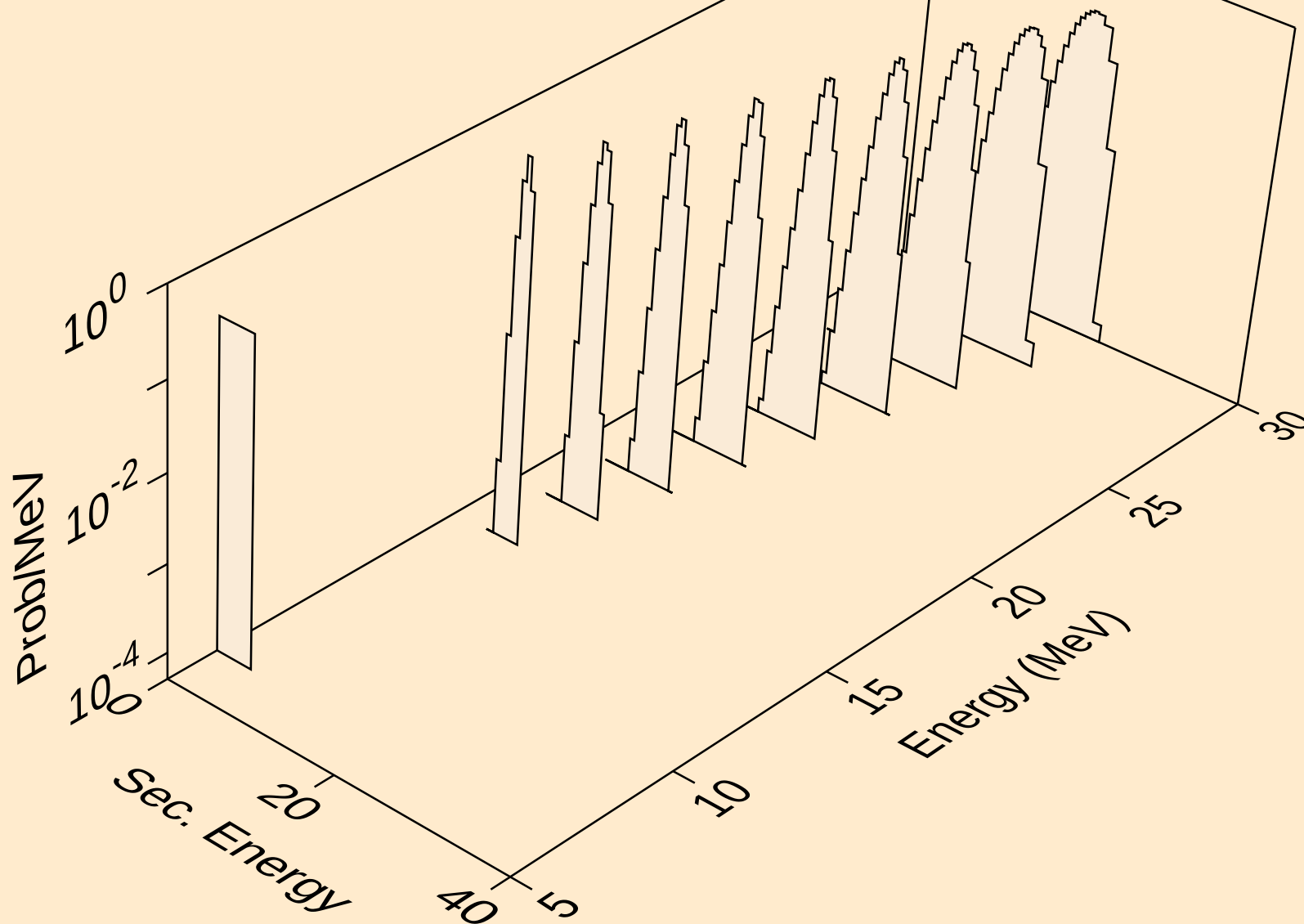
EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



EU167 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

