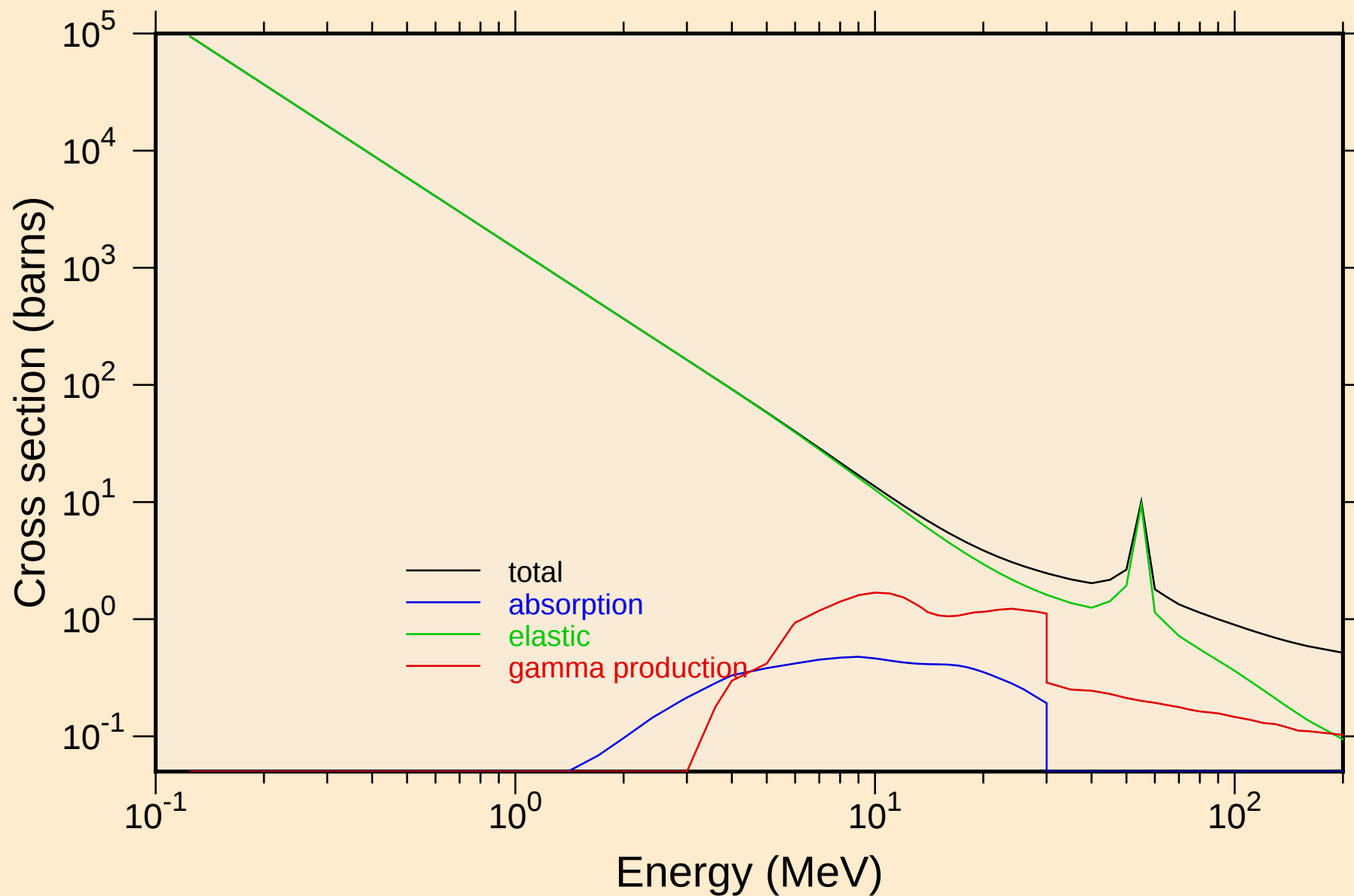


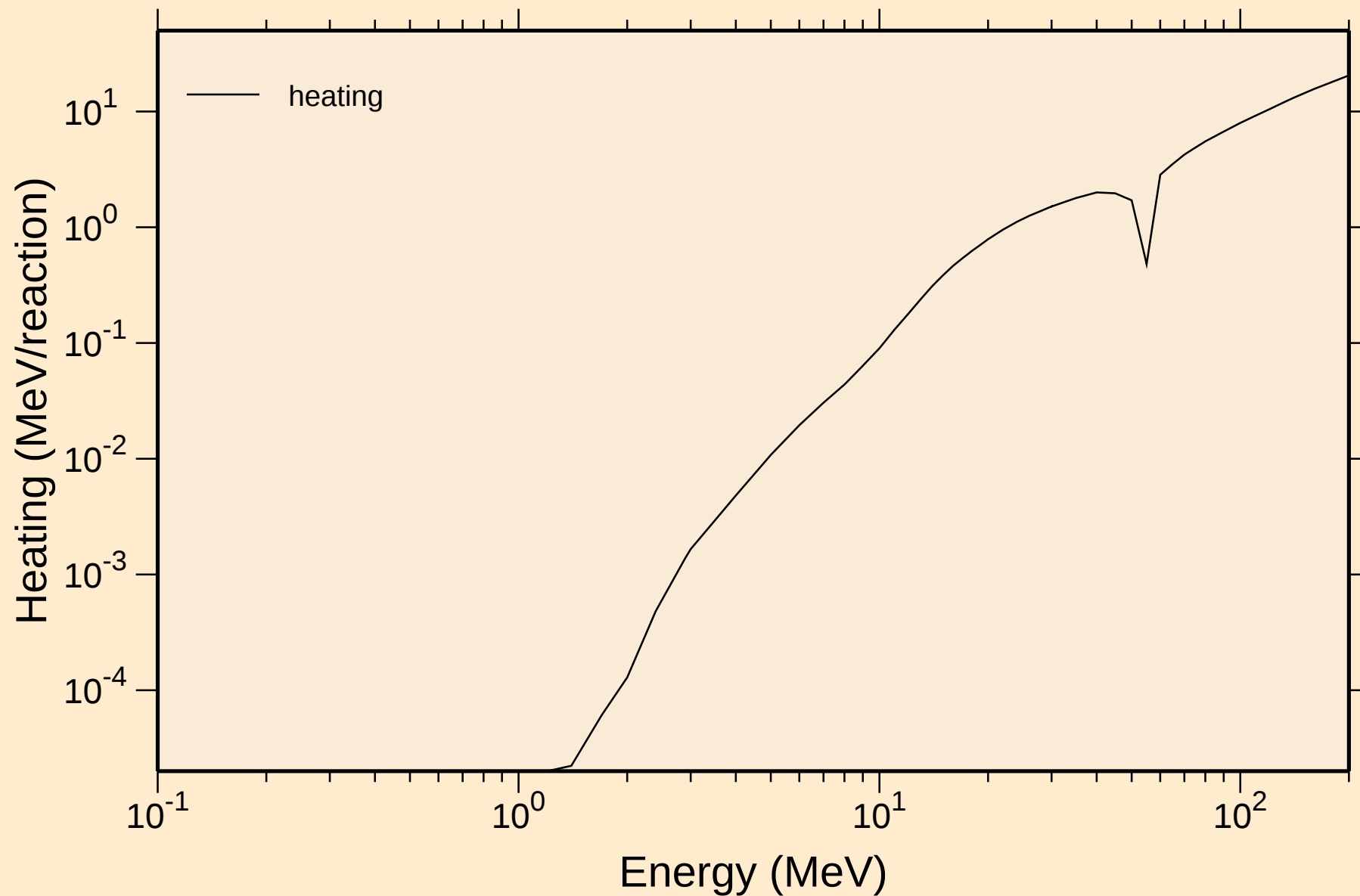
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



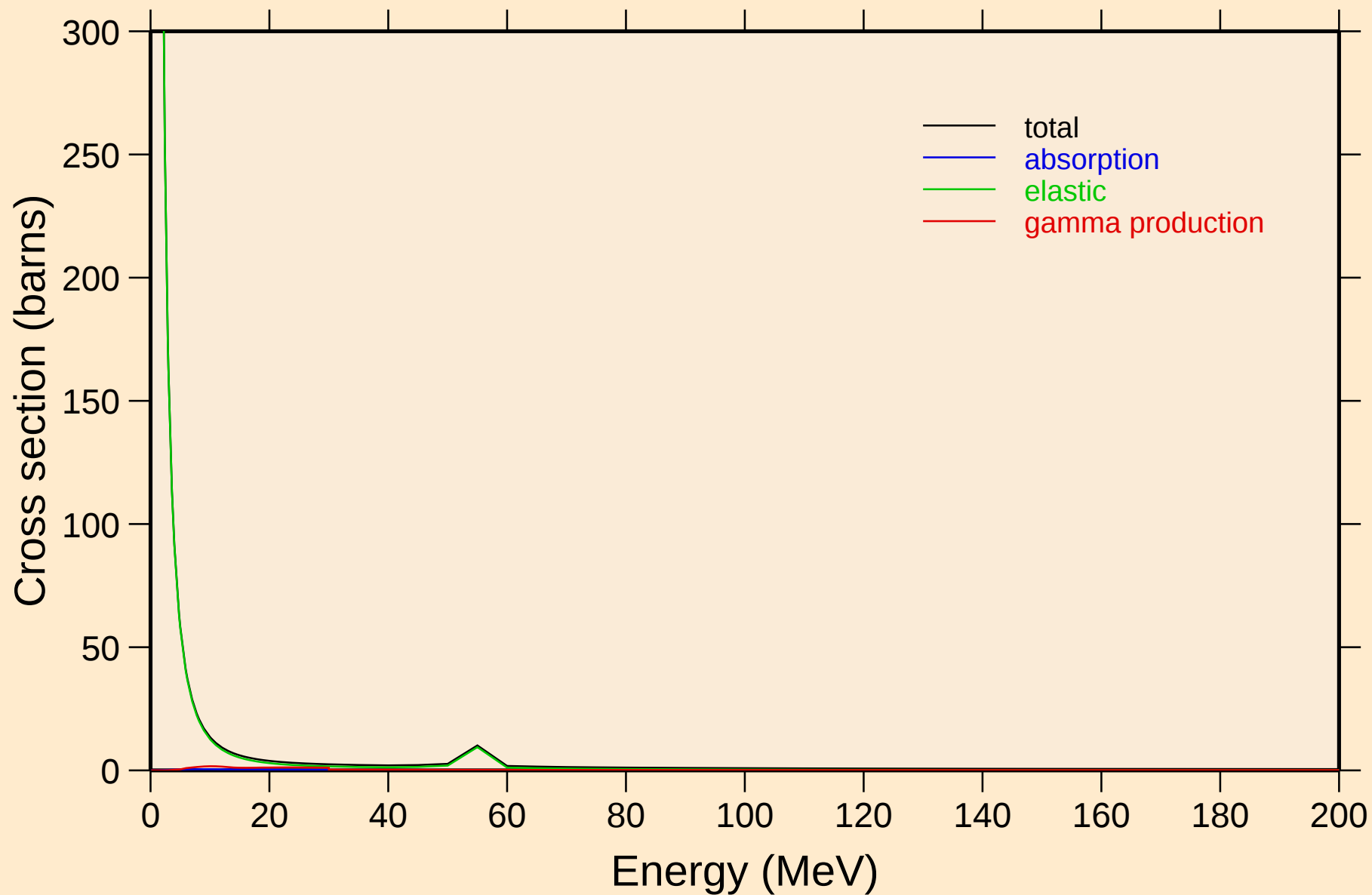
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



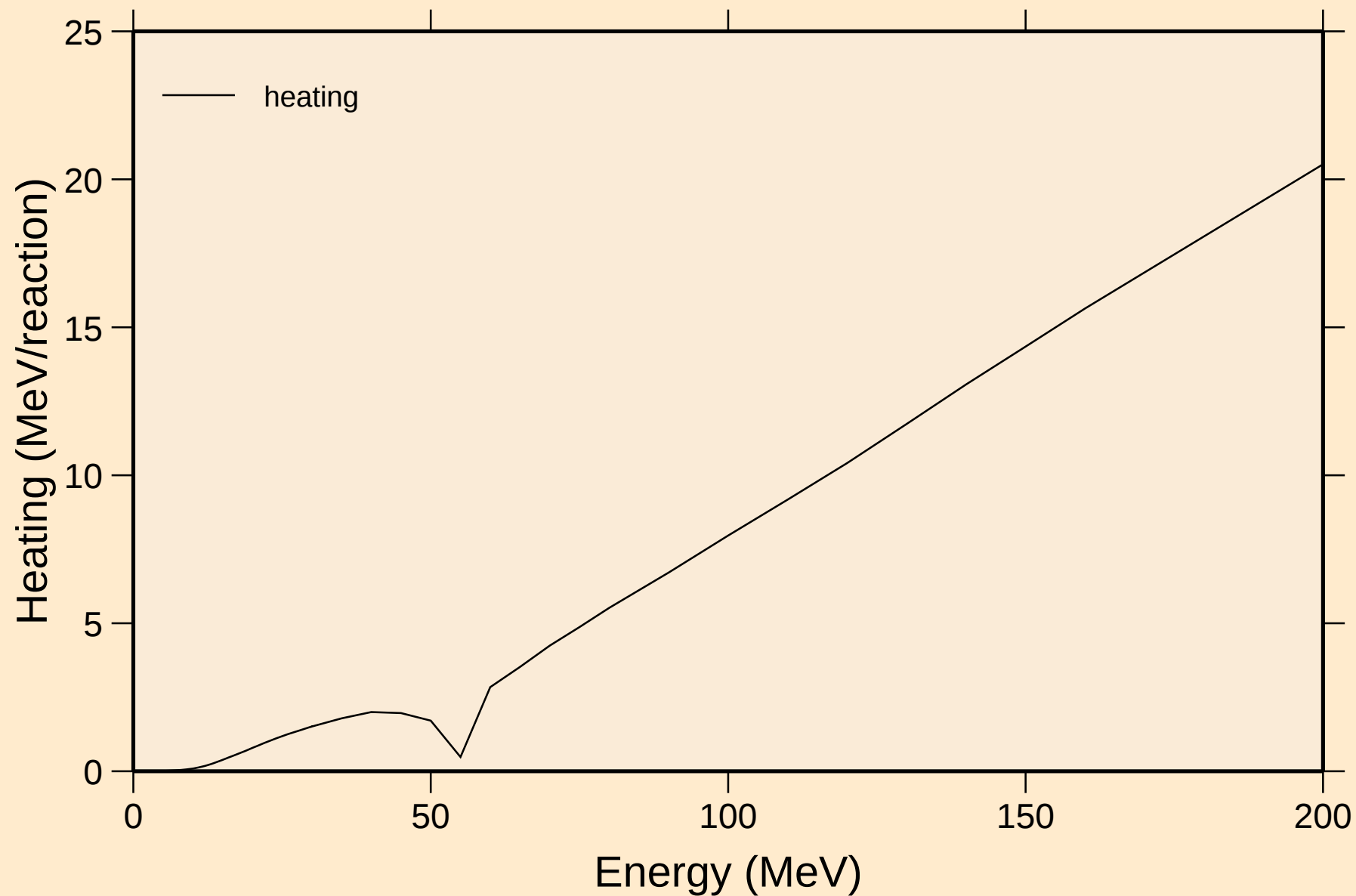
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



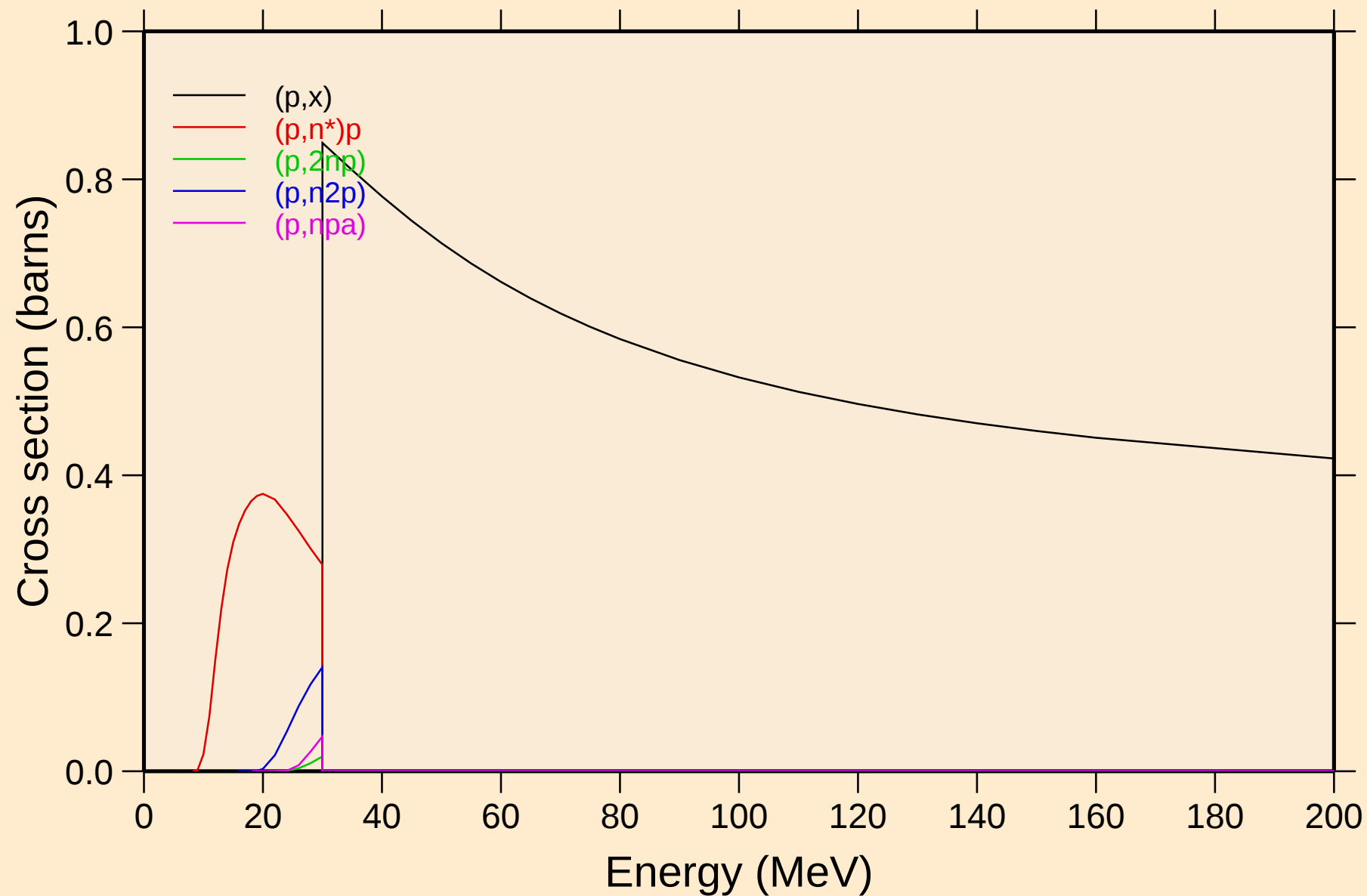
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



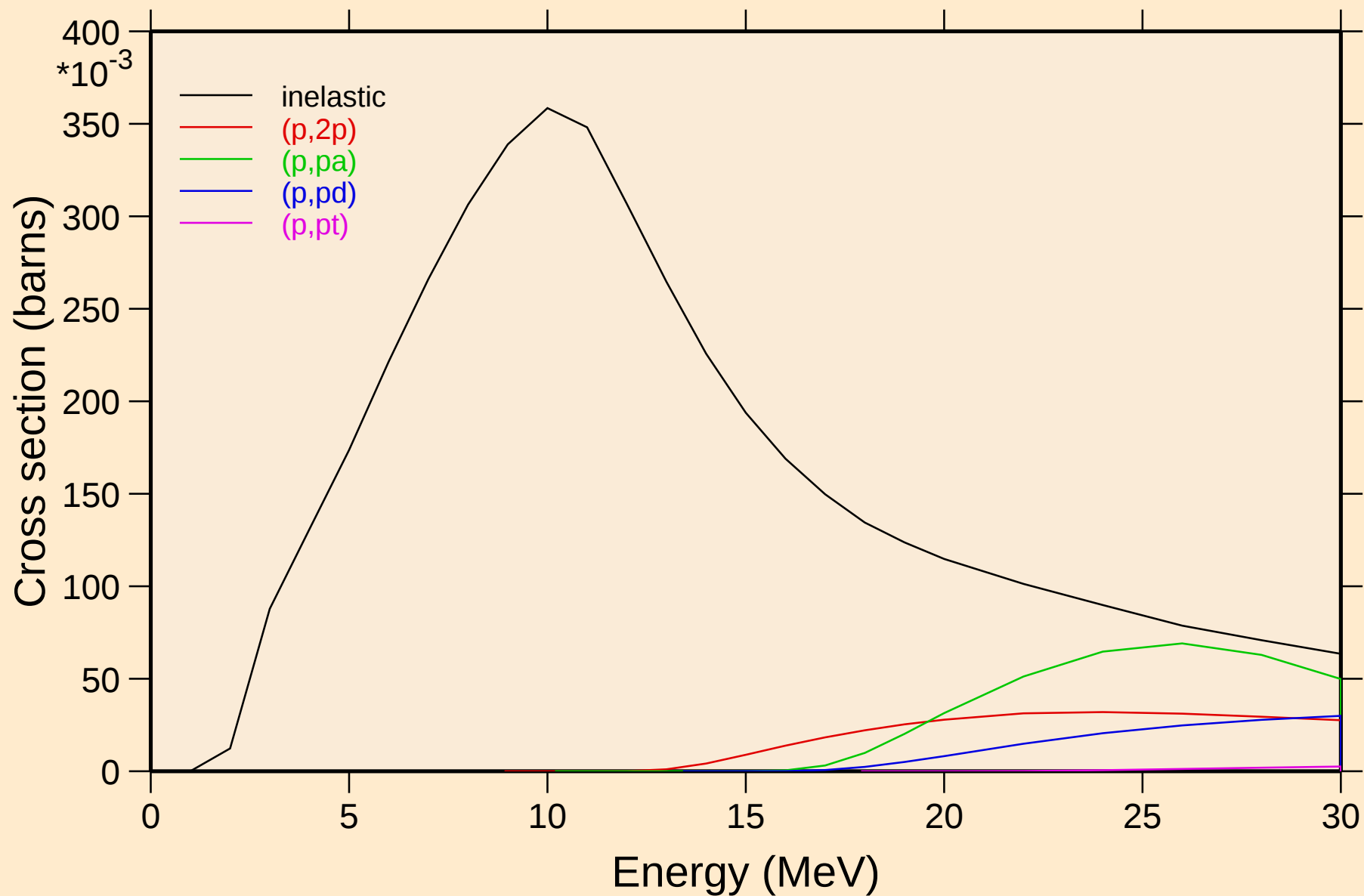
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



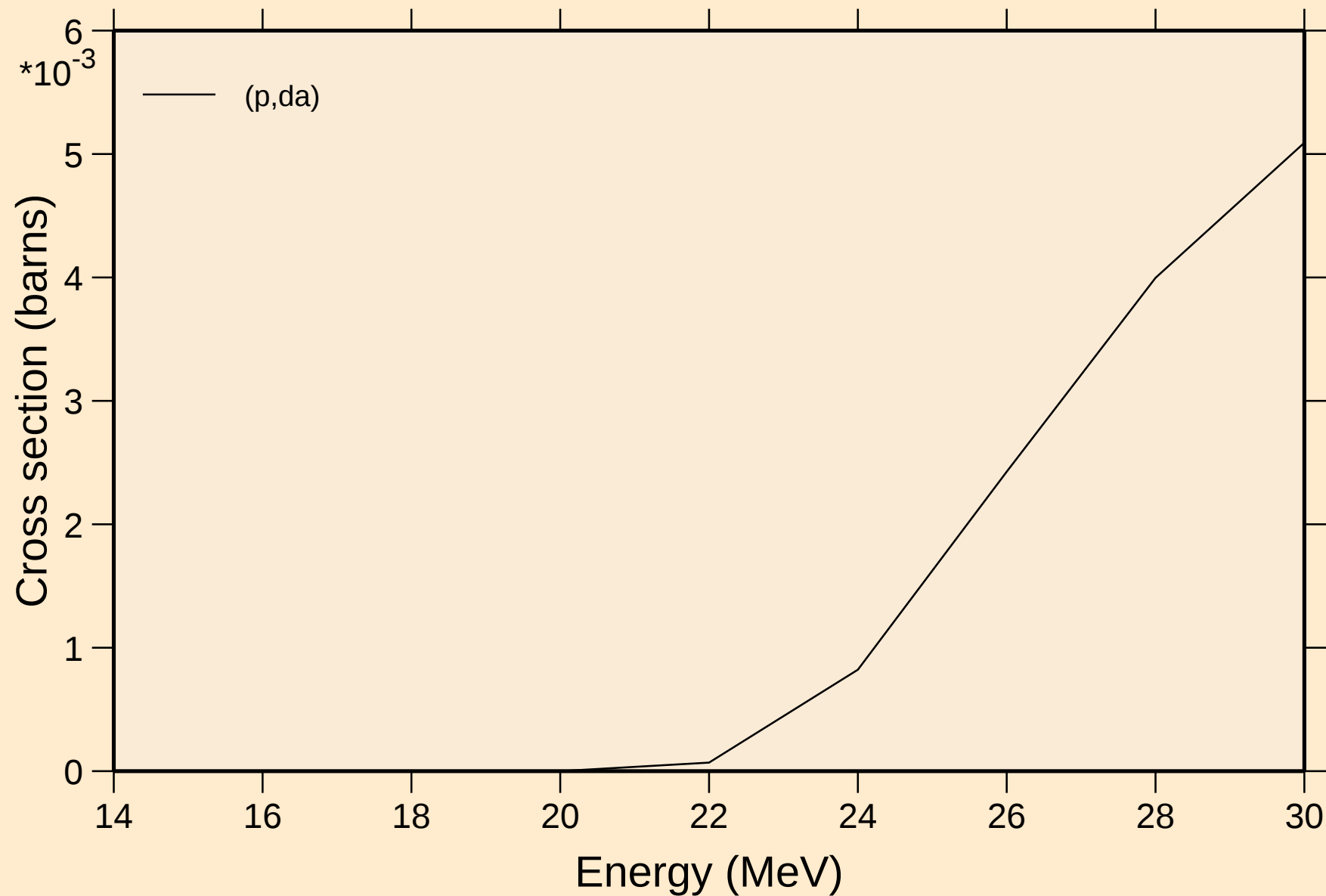
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

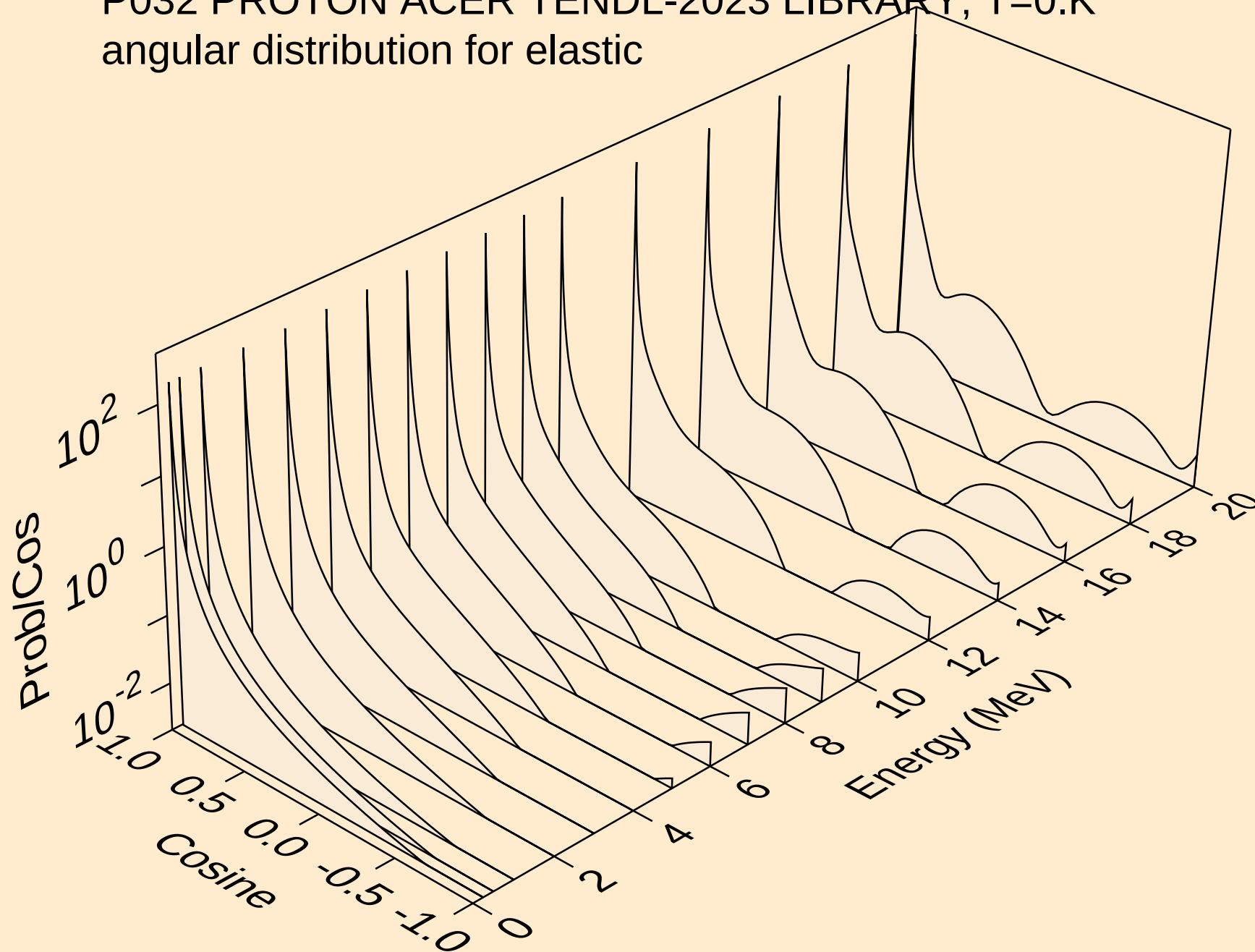


# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

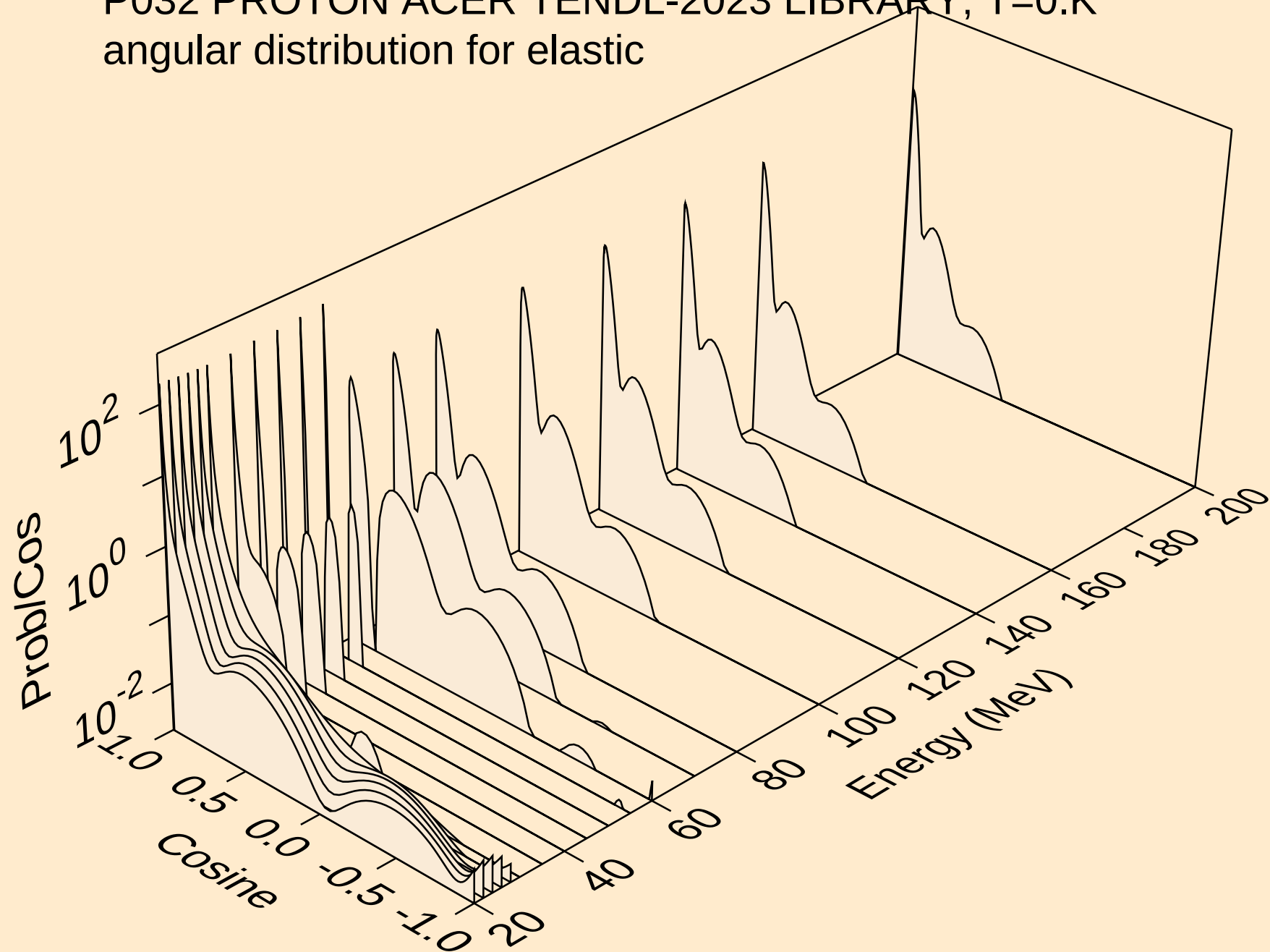
Threshold reactions



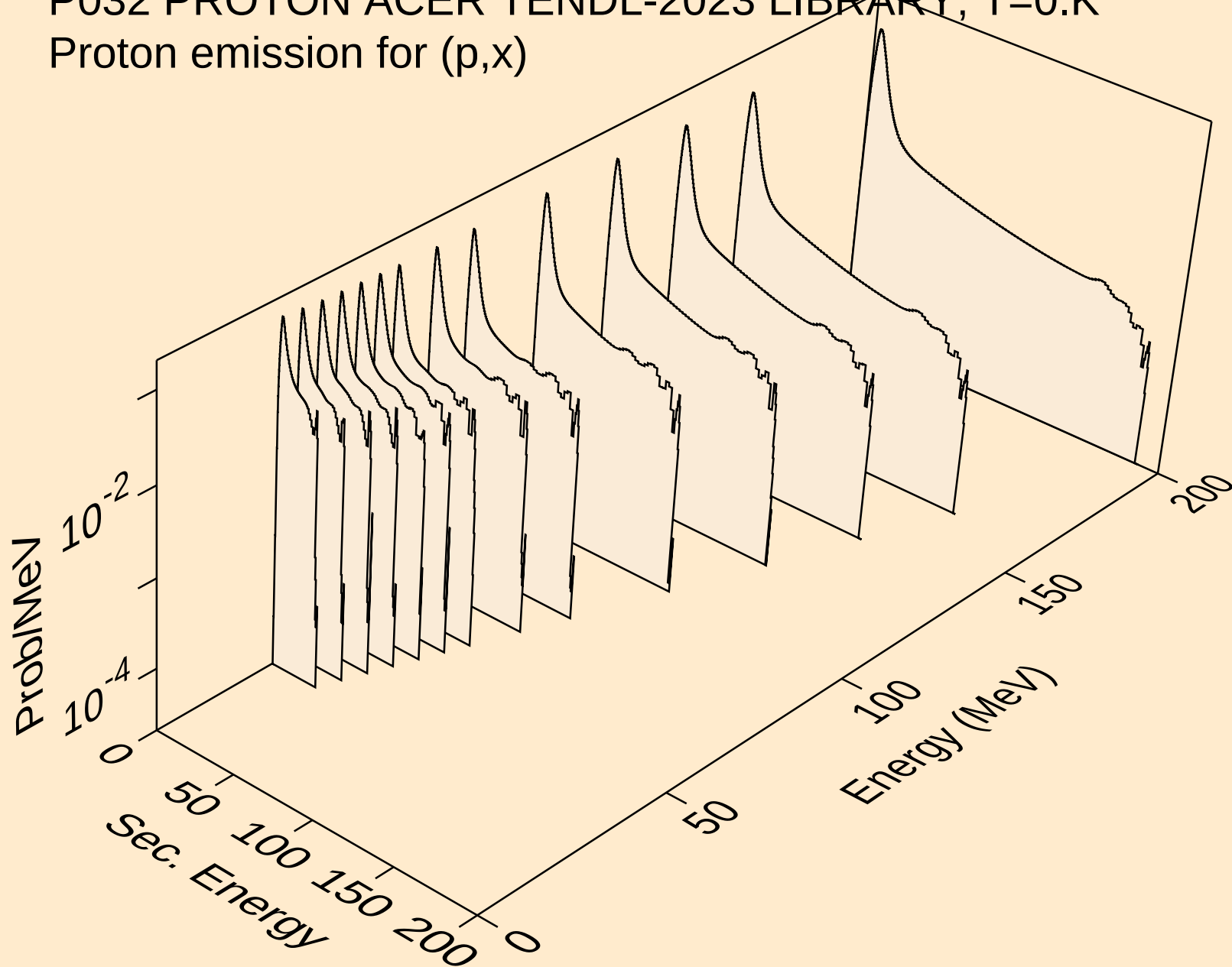
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



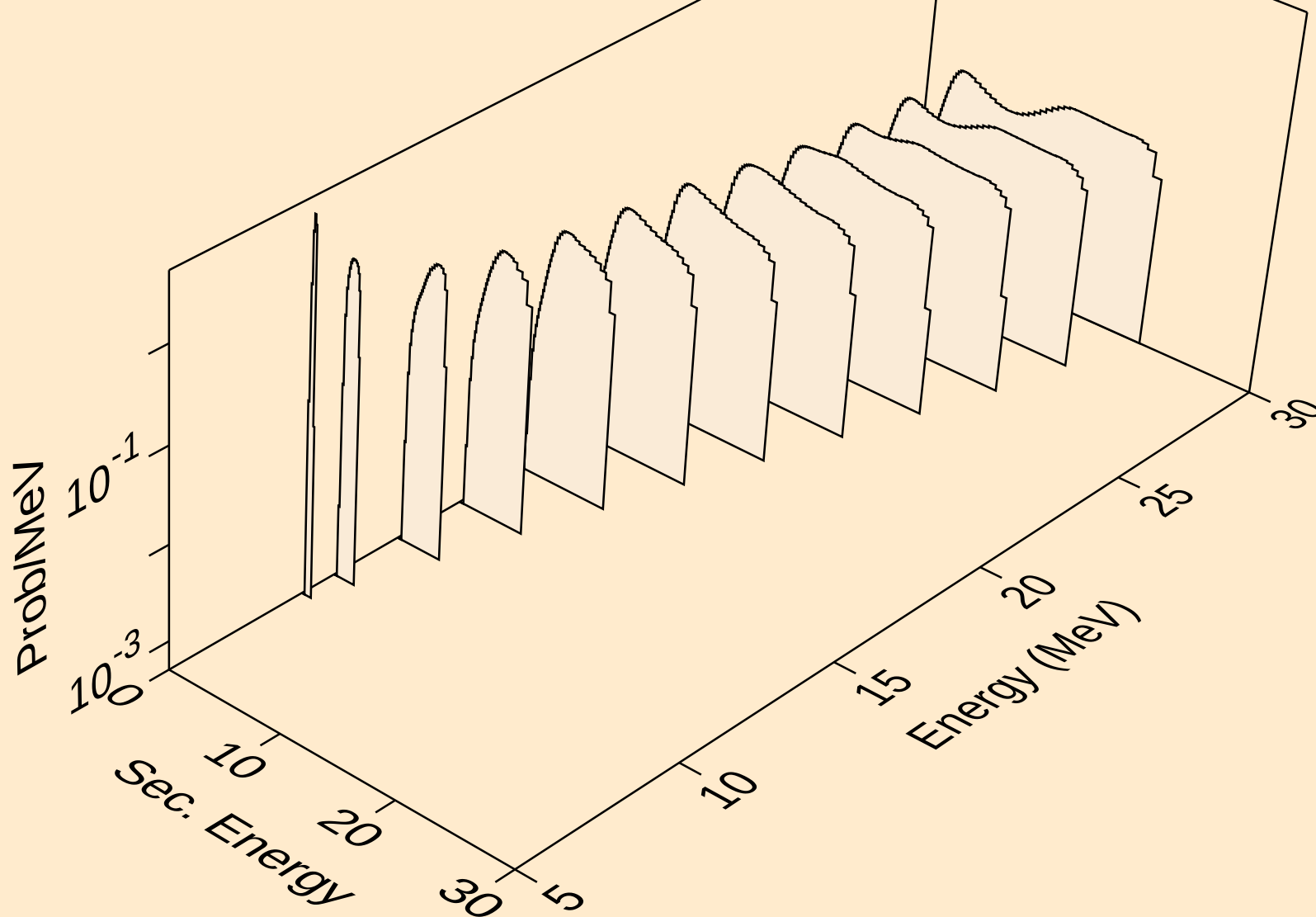
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



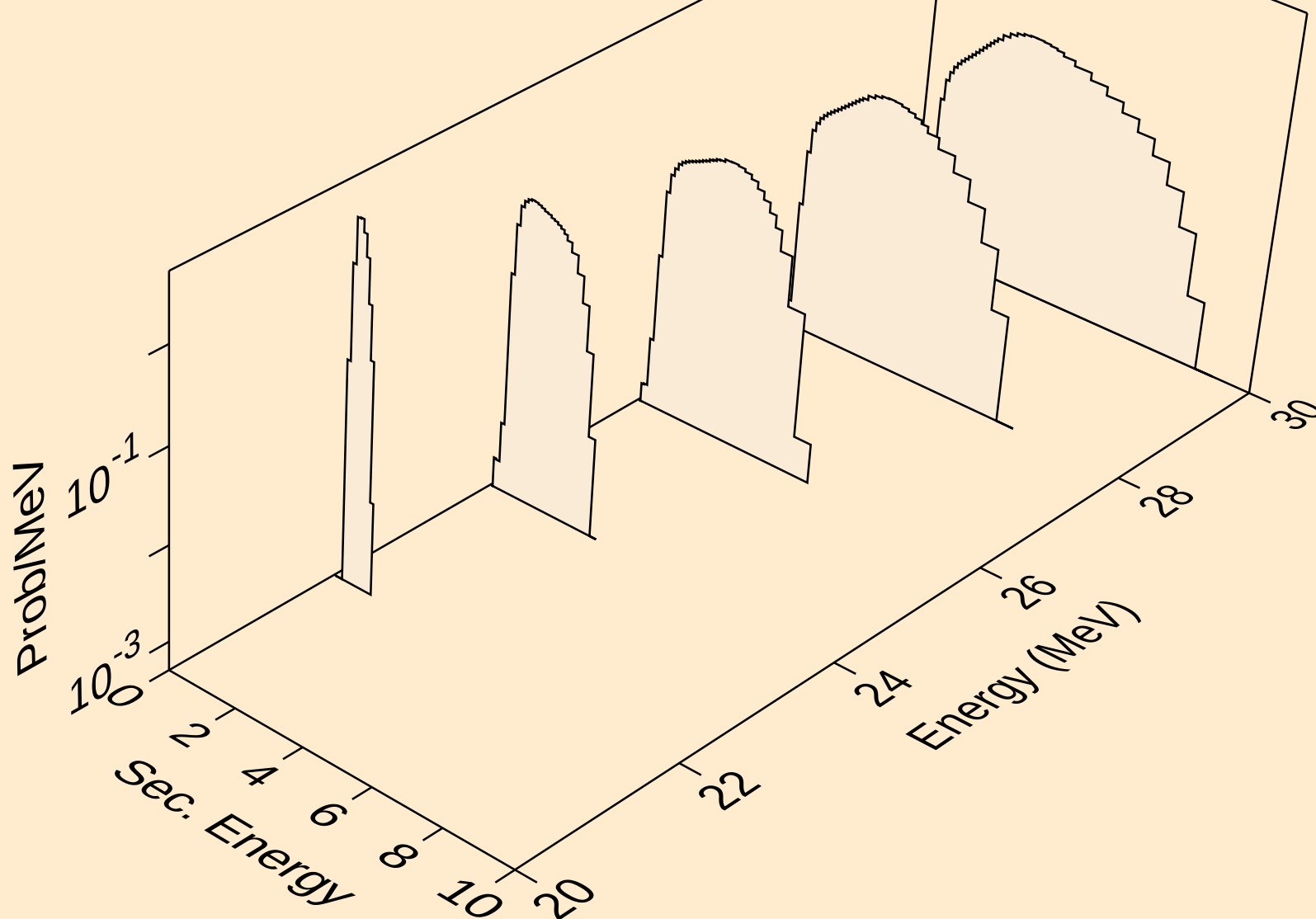
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



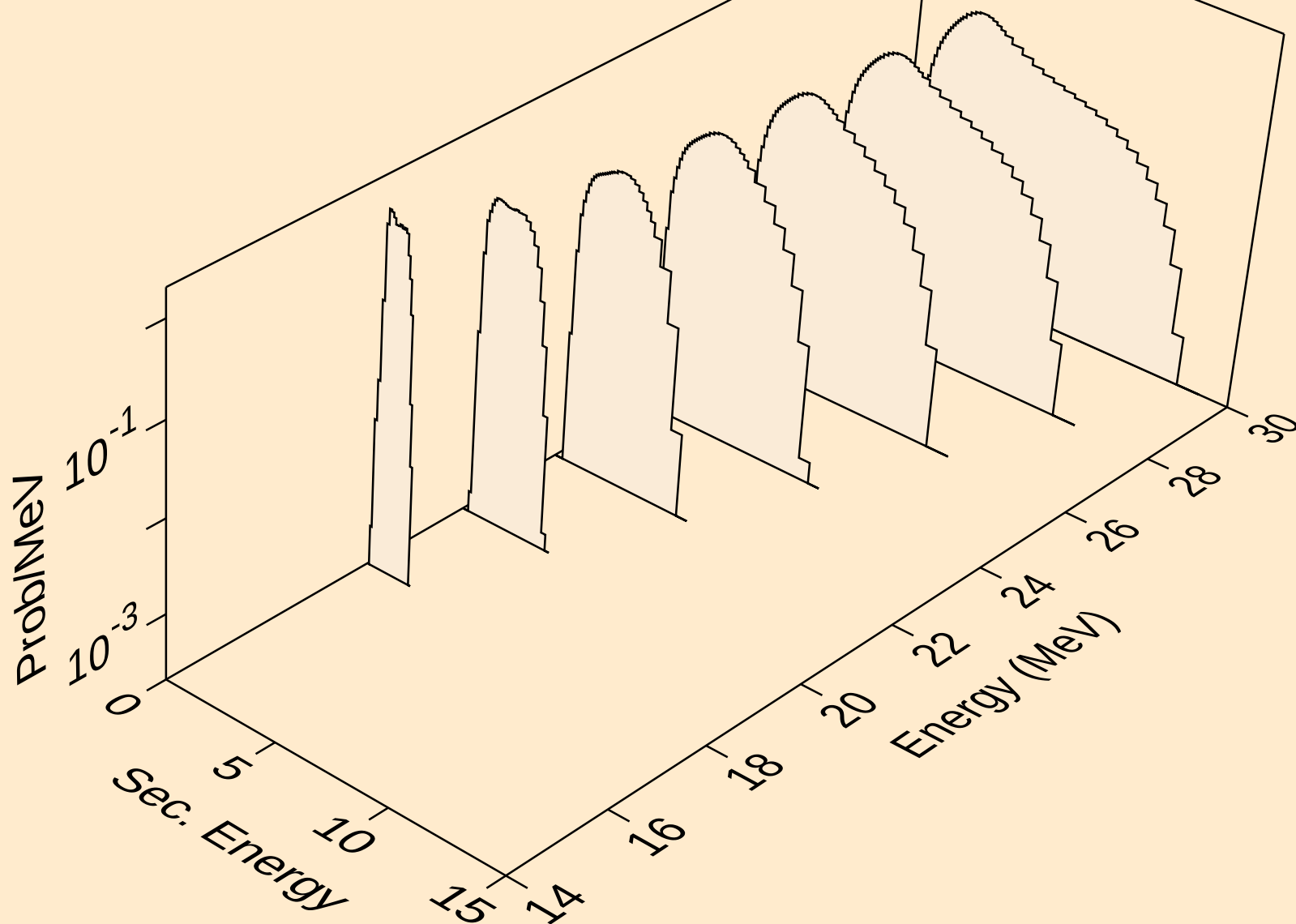
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



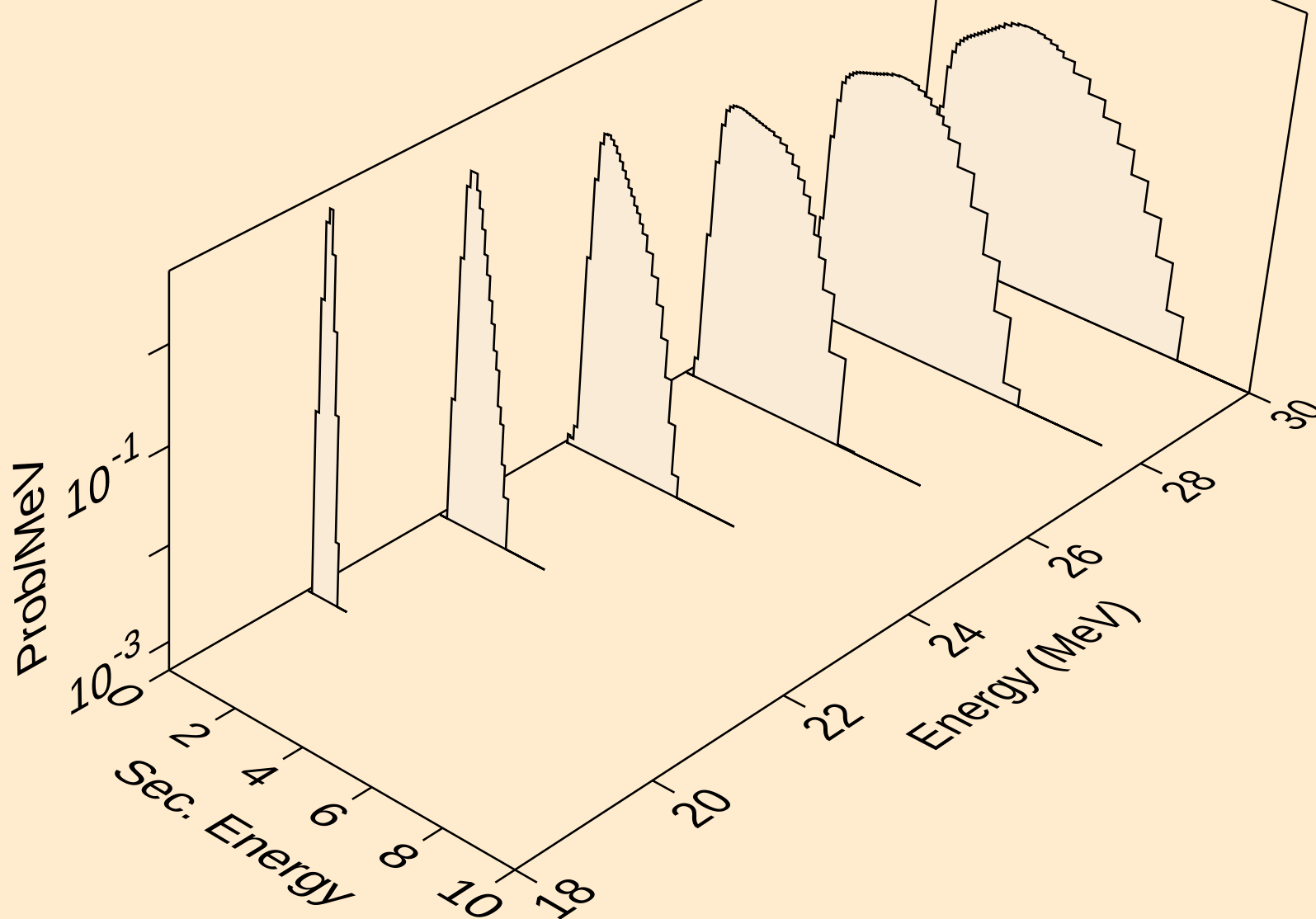
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



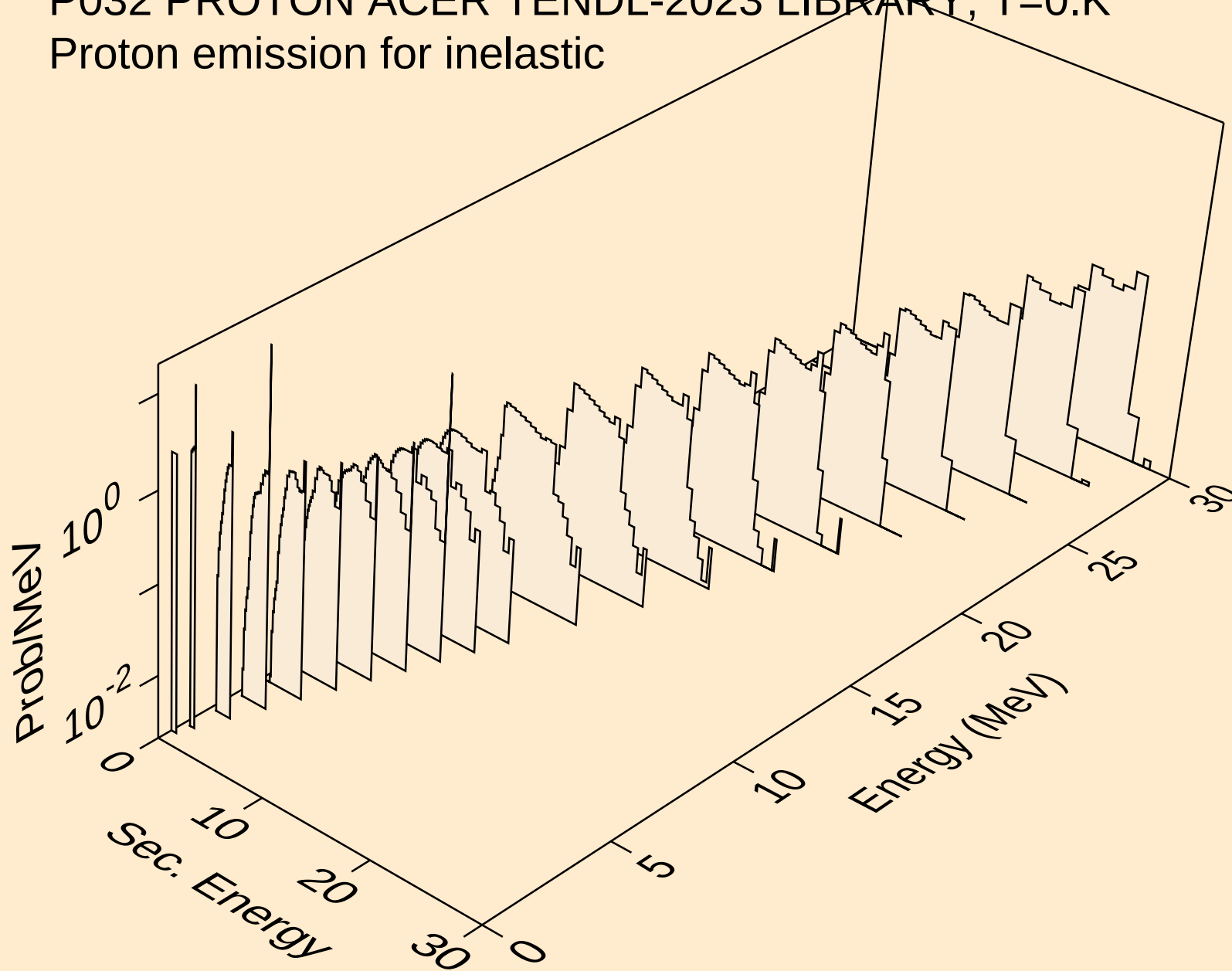
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



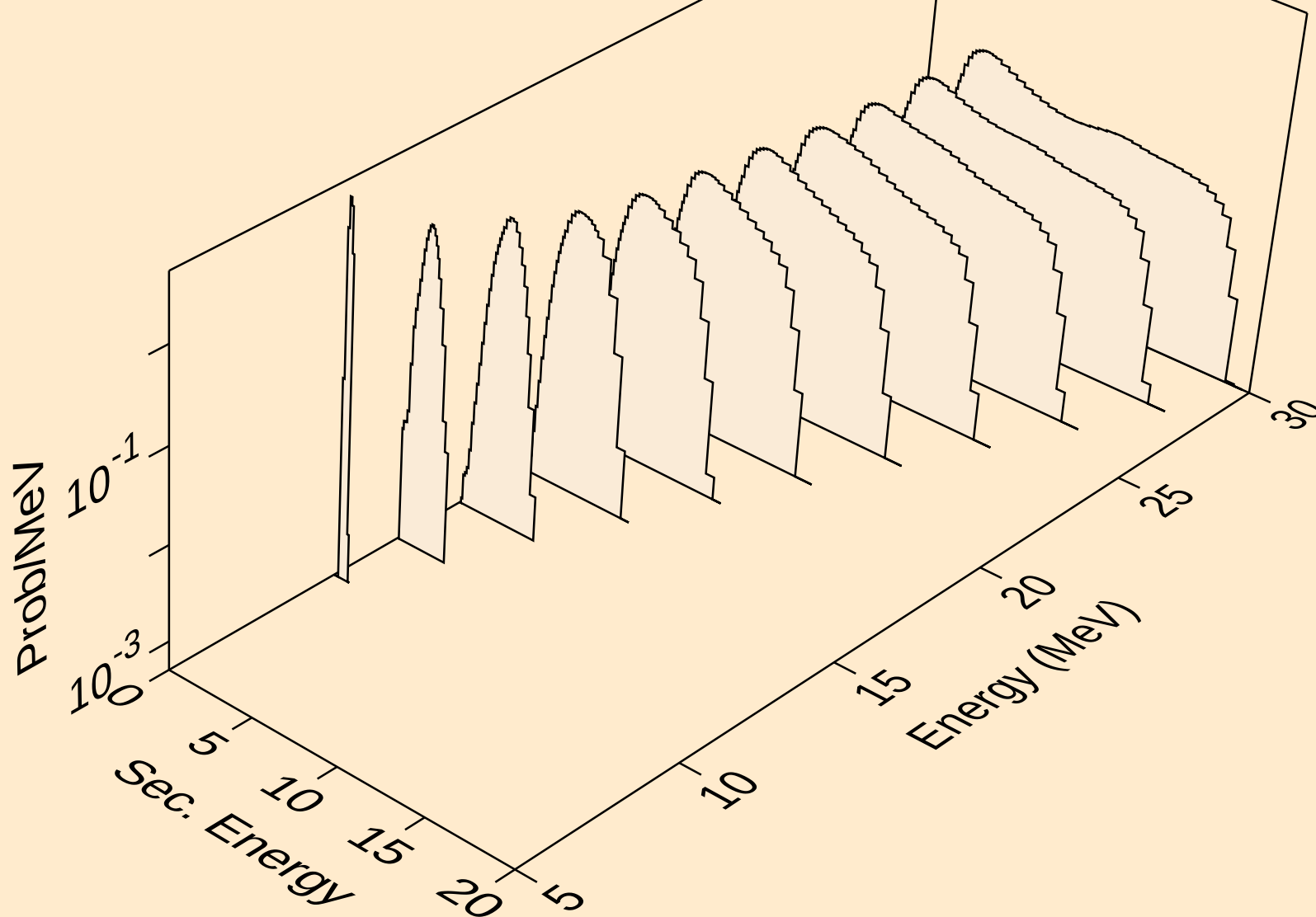
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



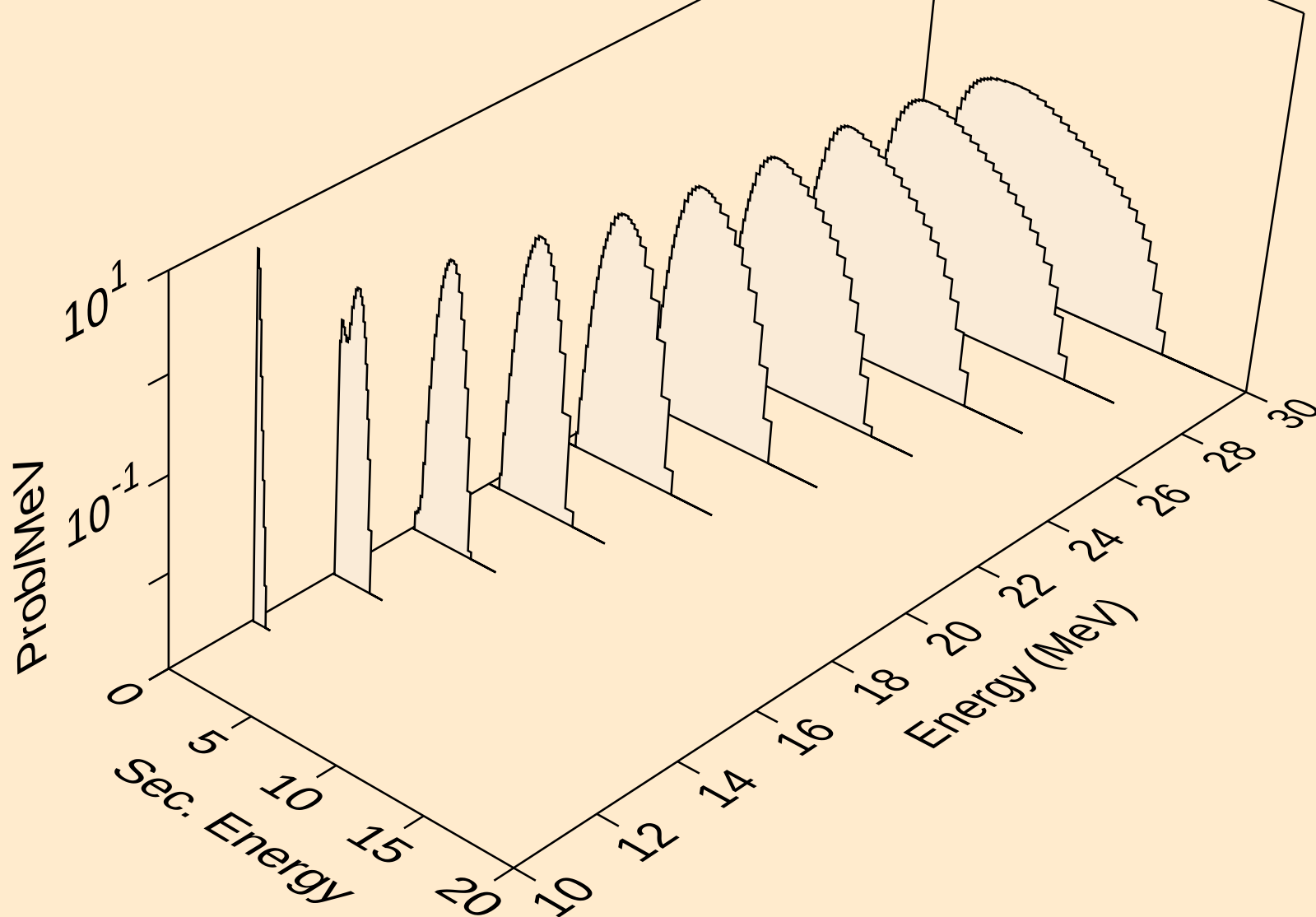
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



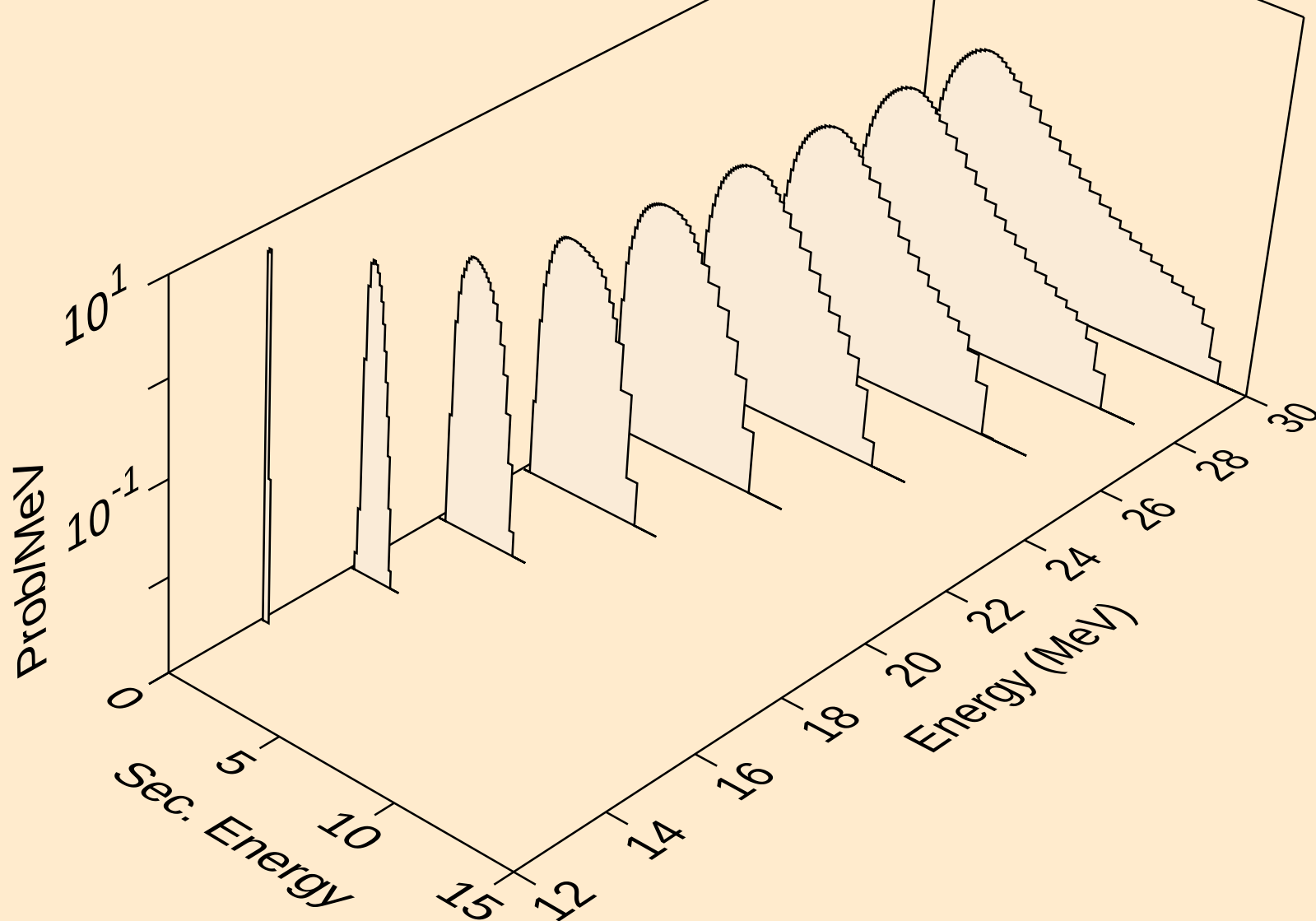
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



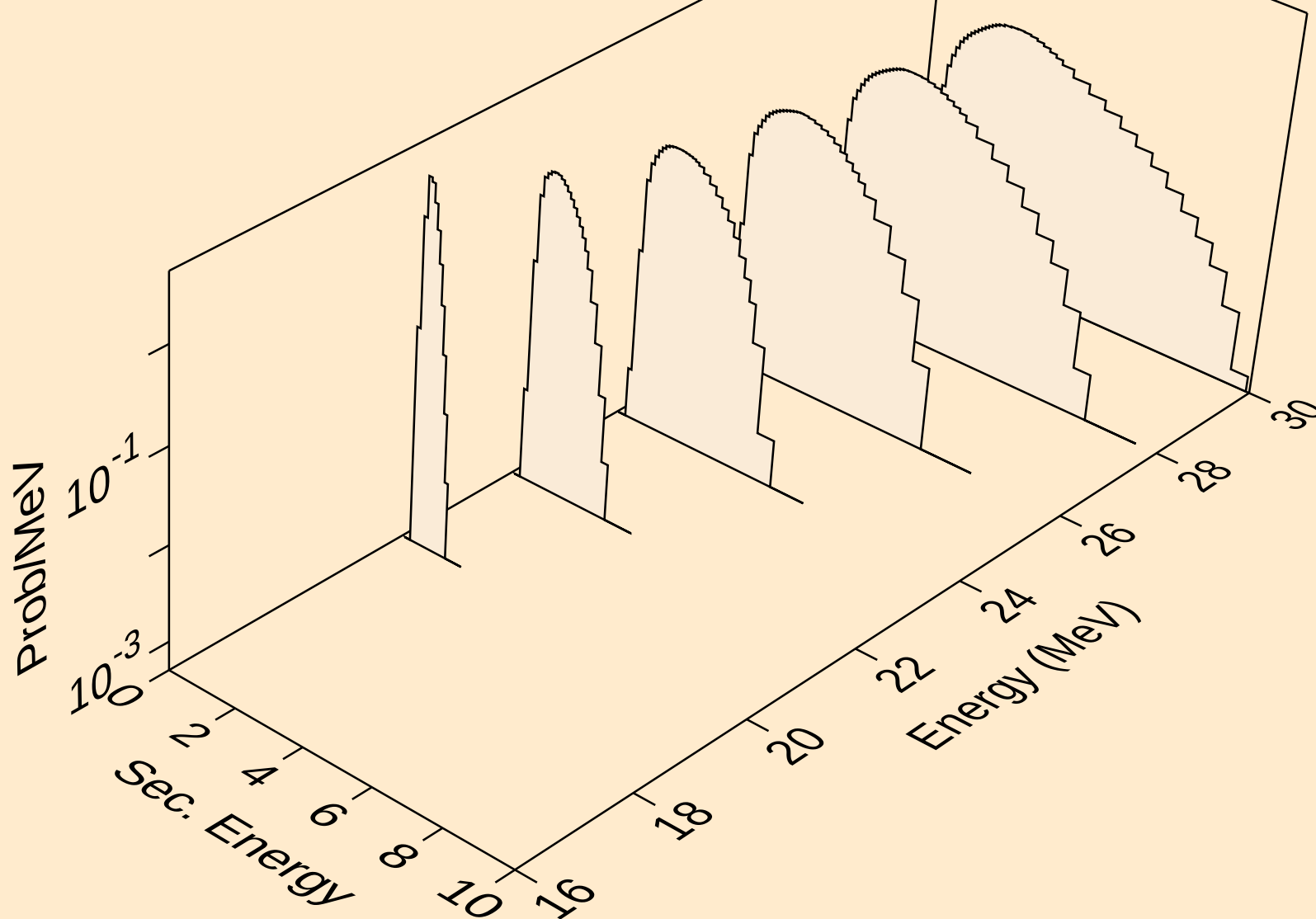
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



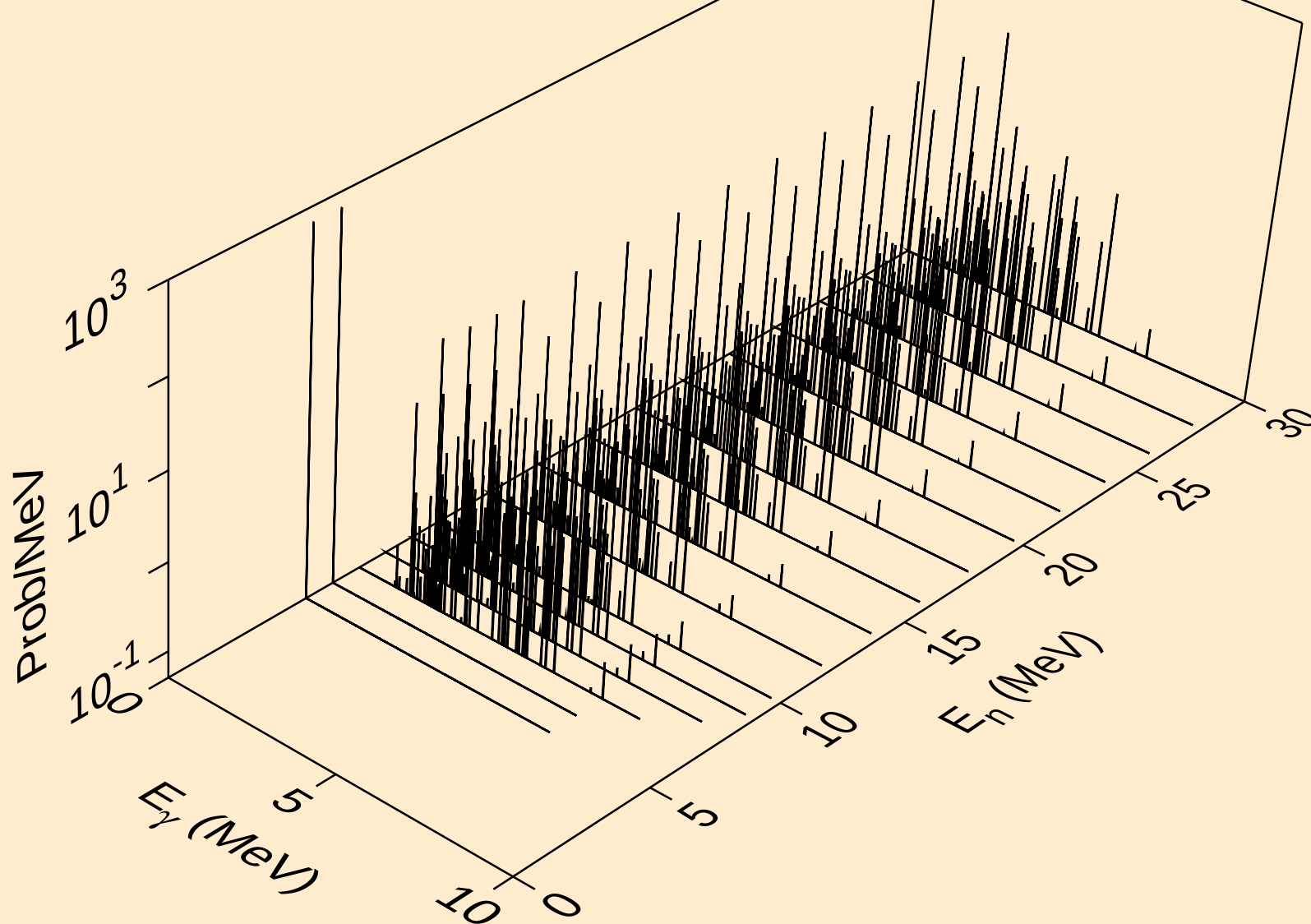
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



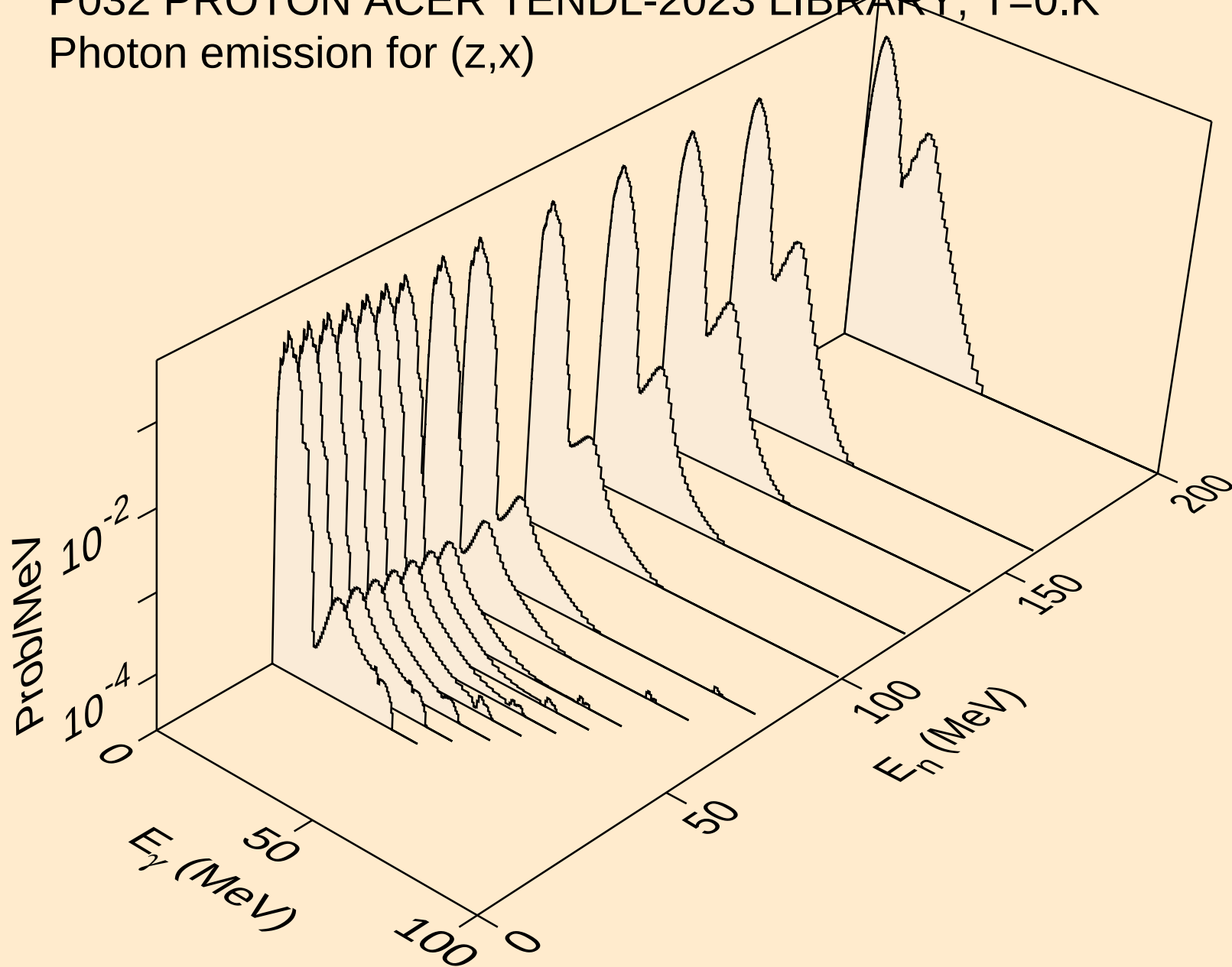
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



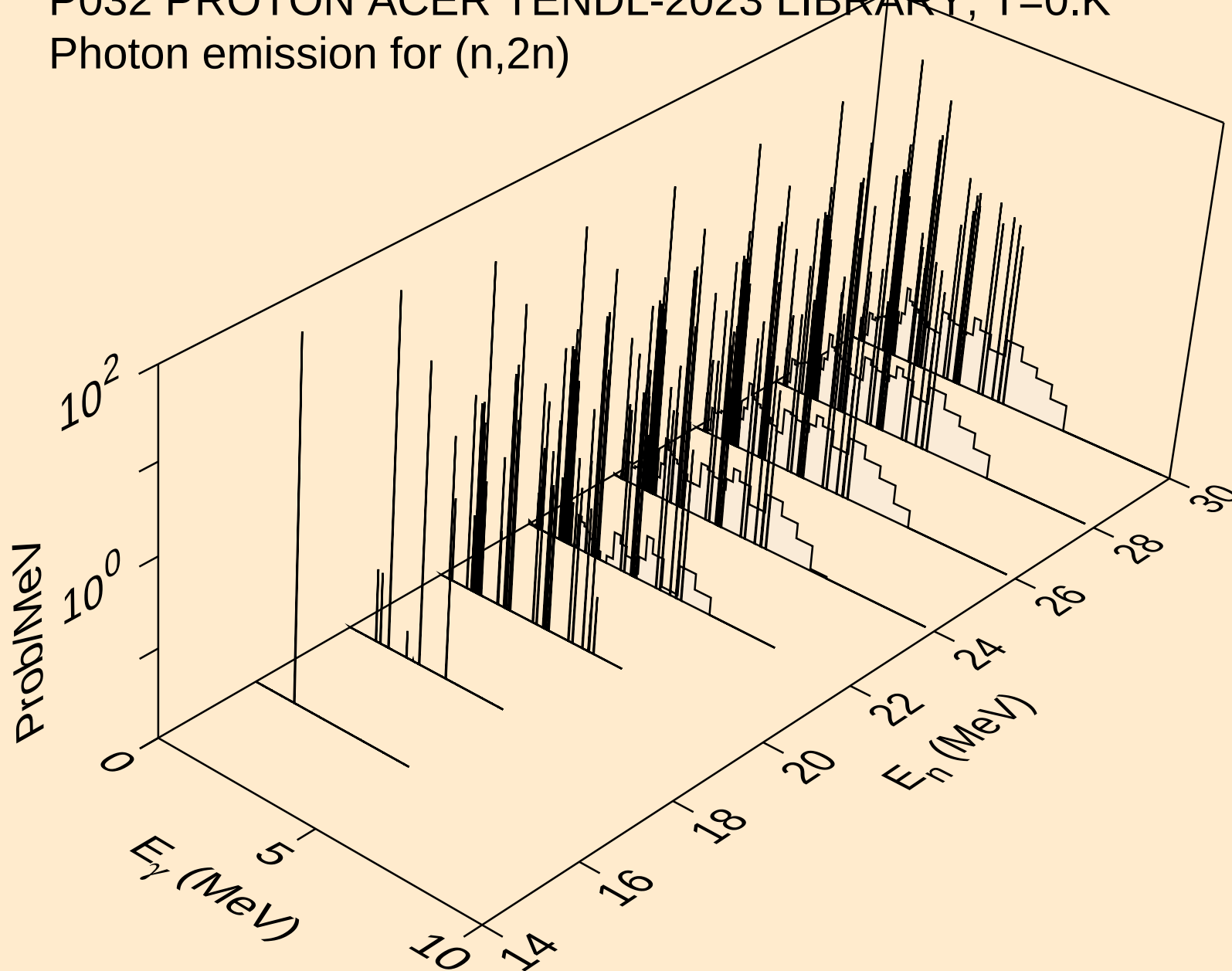
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



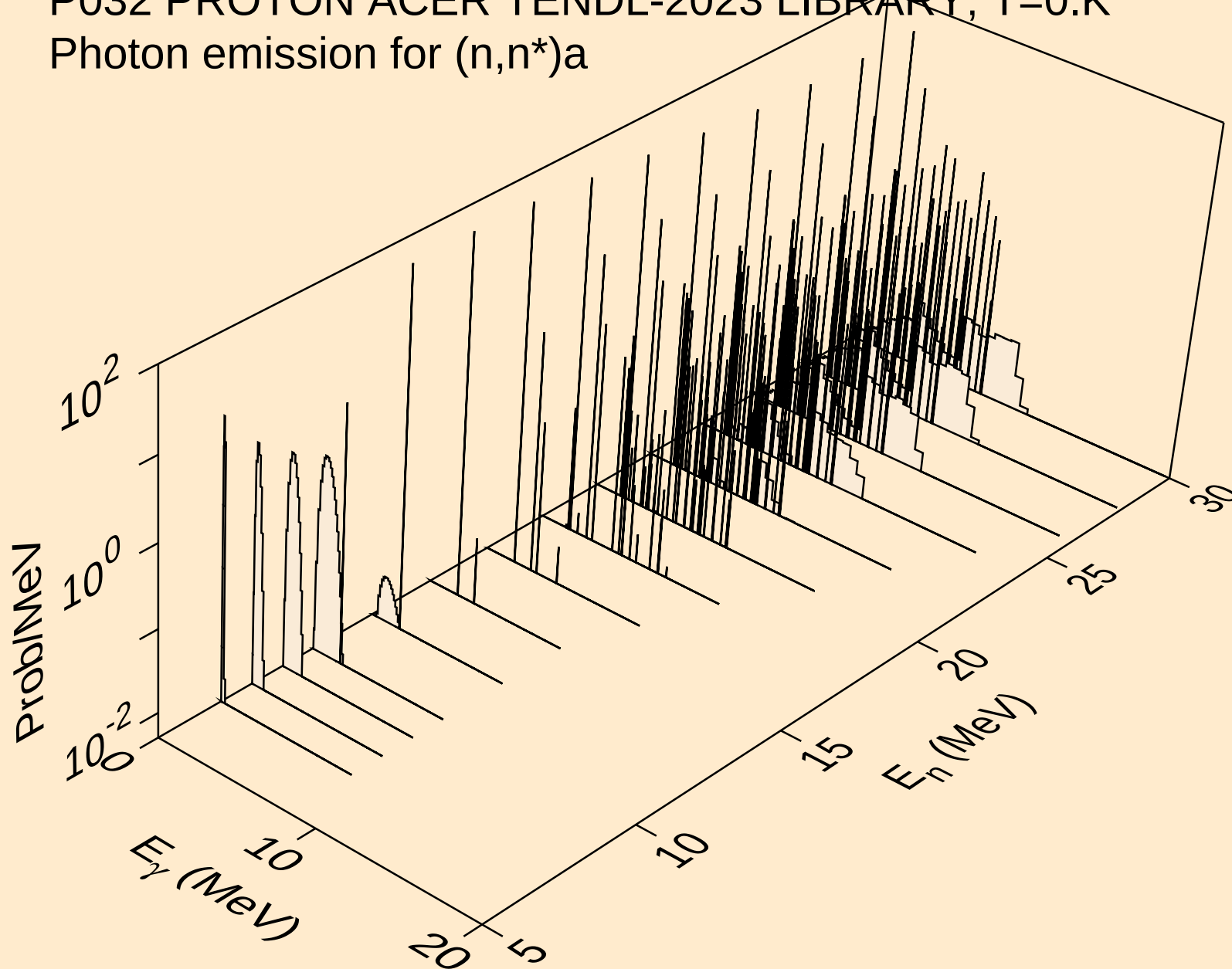
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



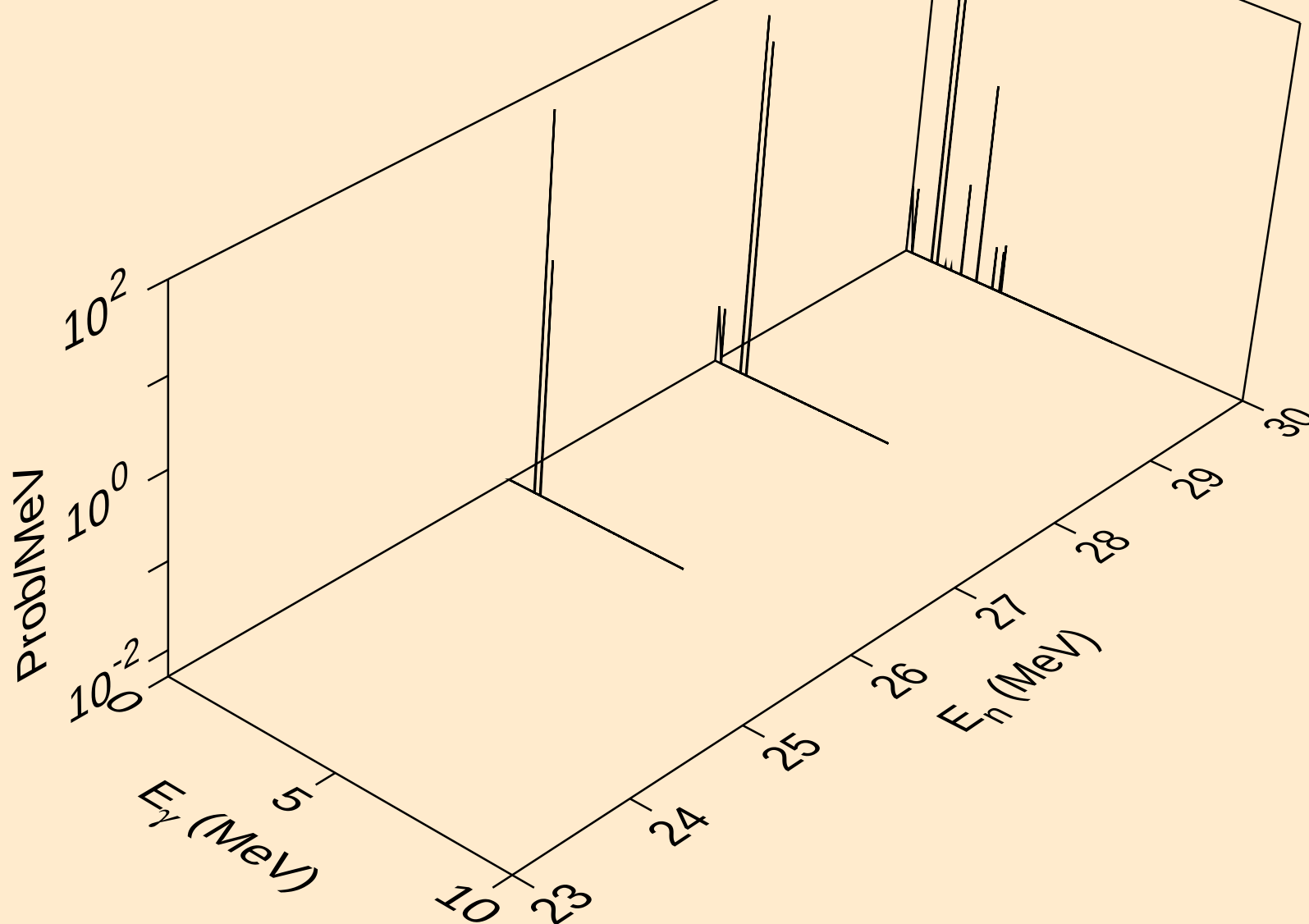
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



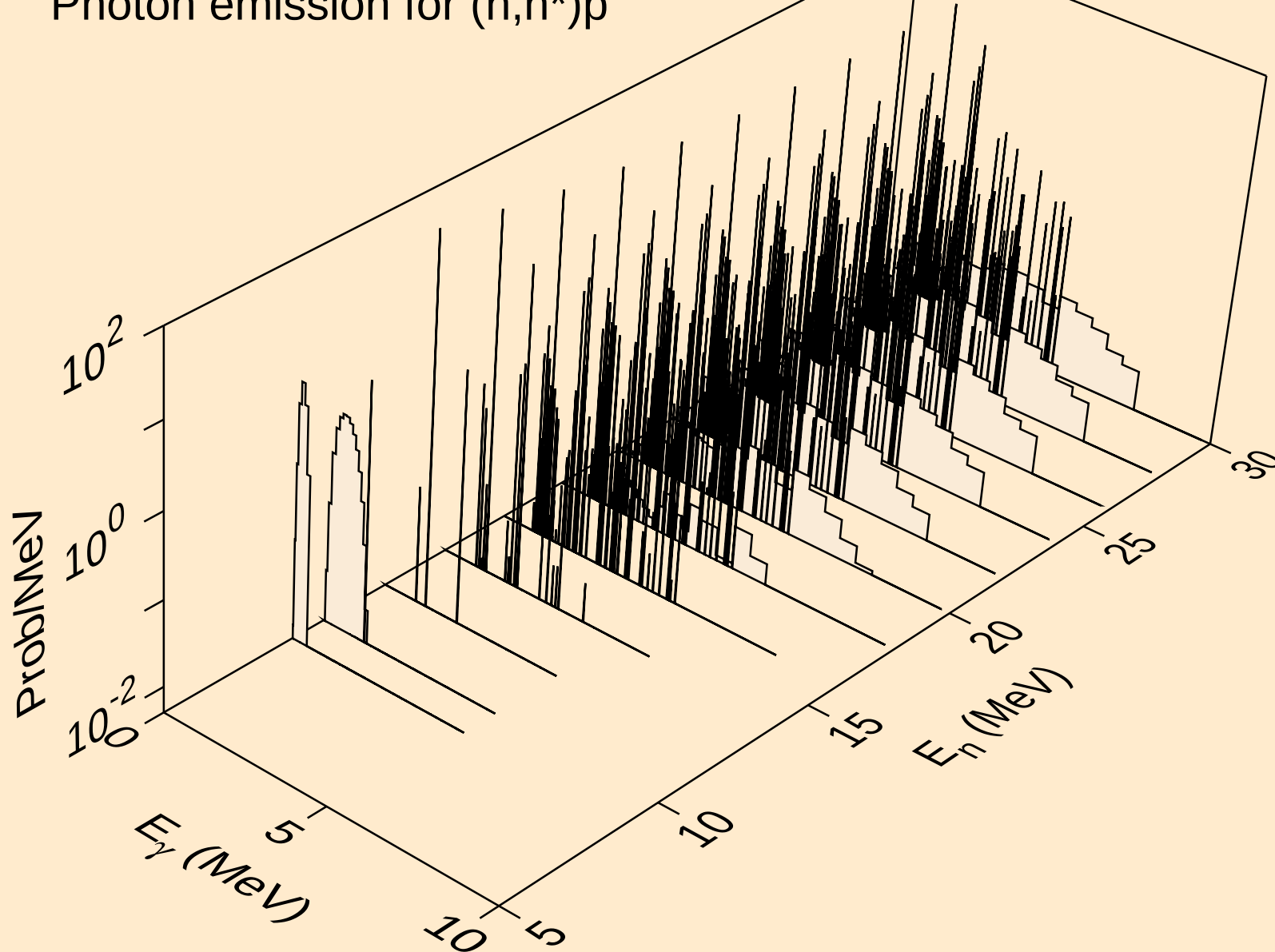
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



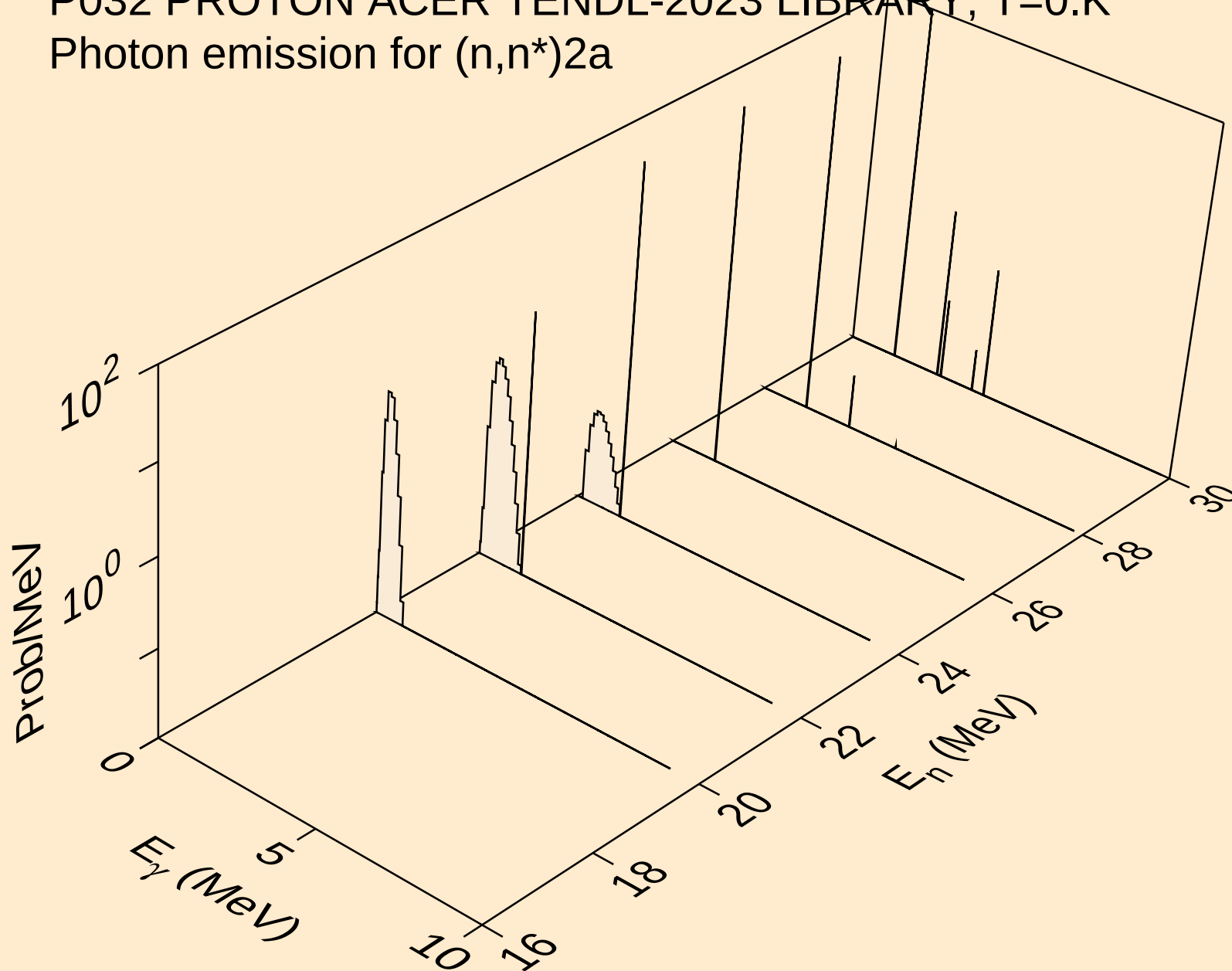
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



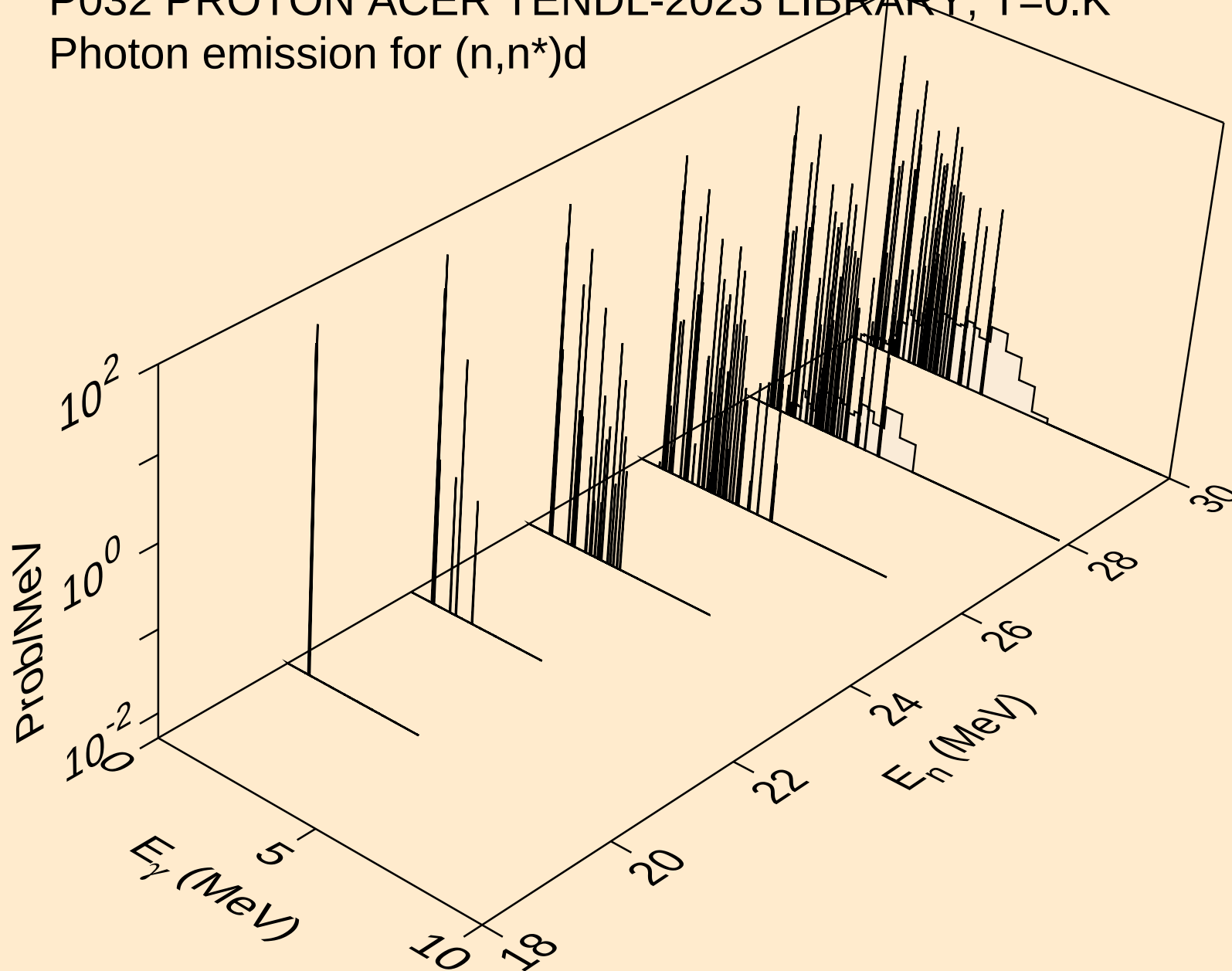
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

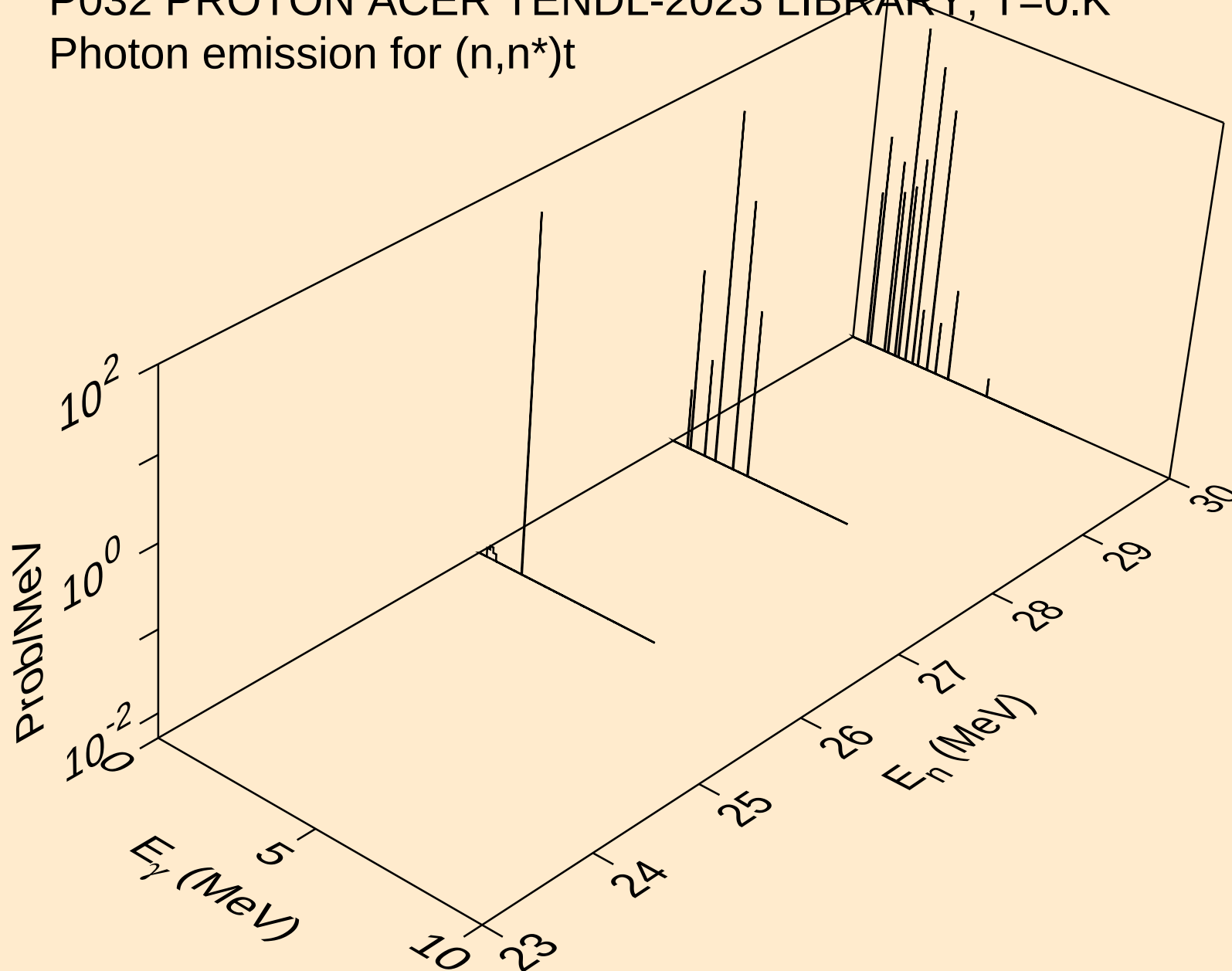


P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

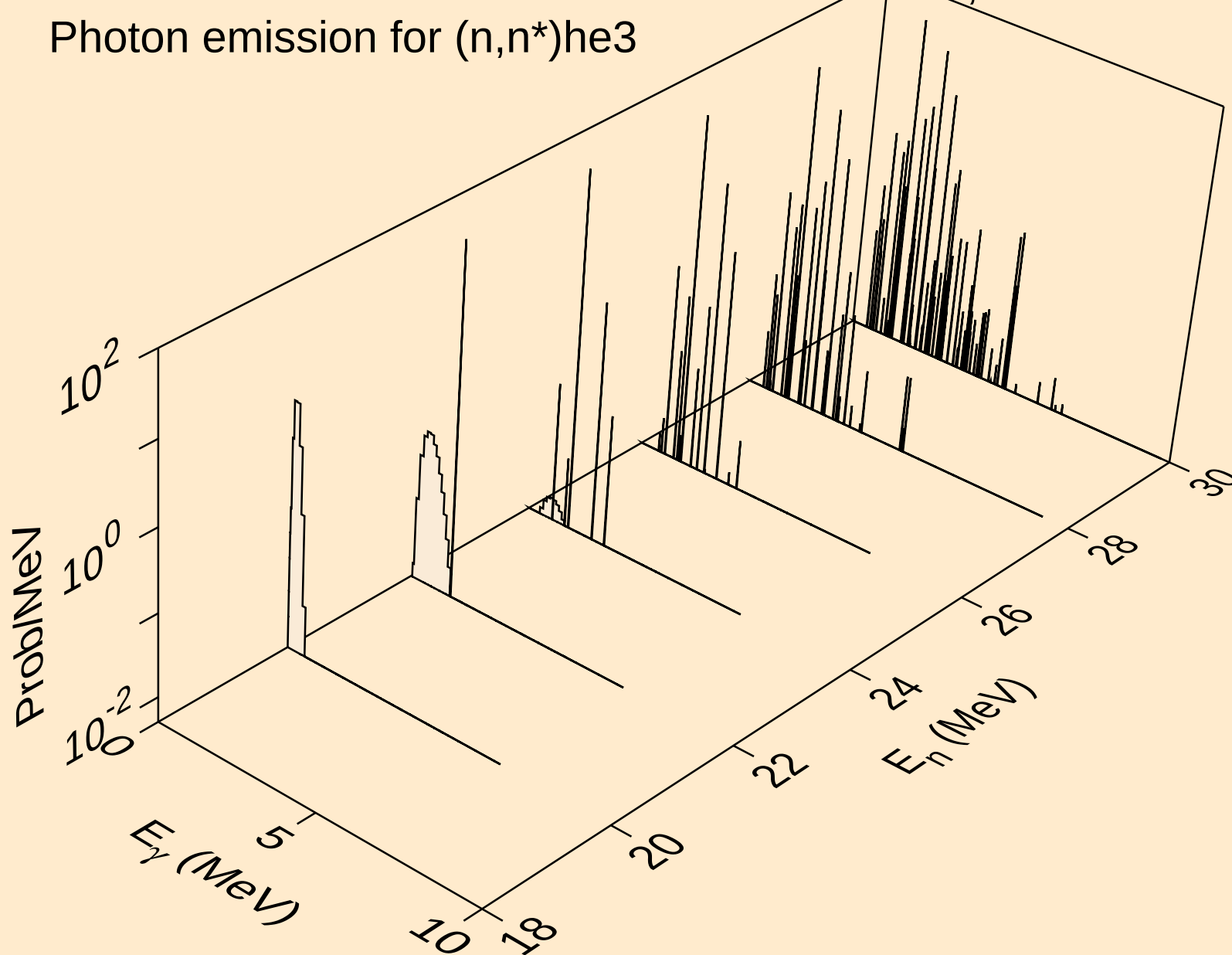


P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

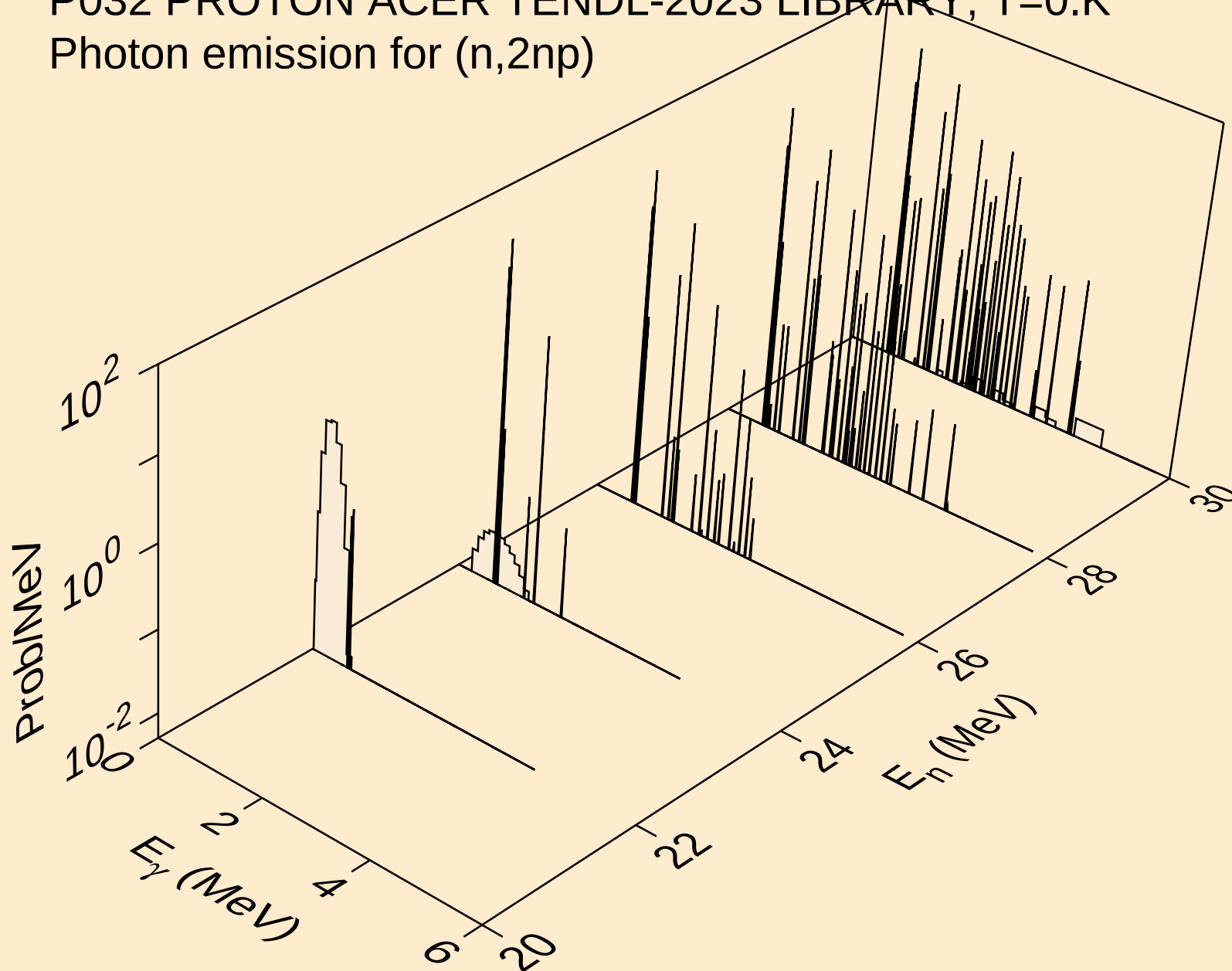
Photon emission for (n,n\*)t



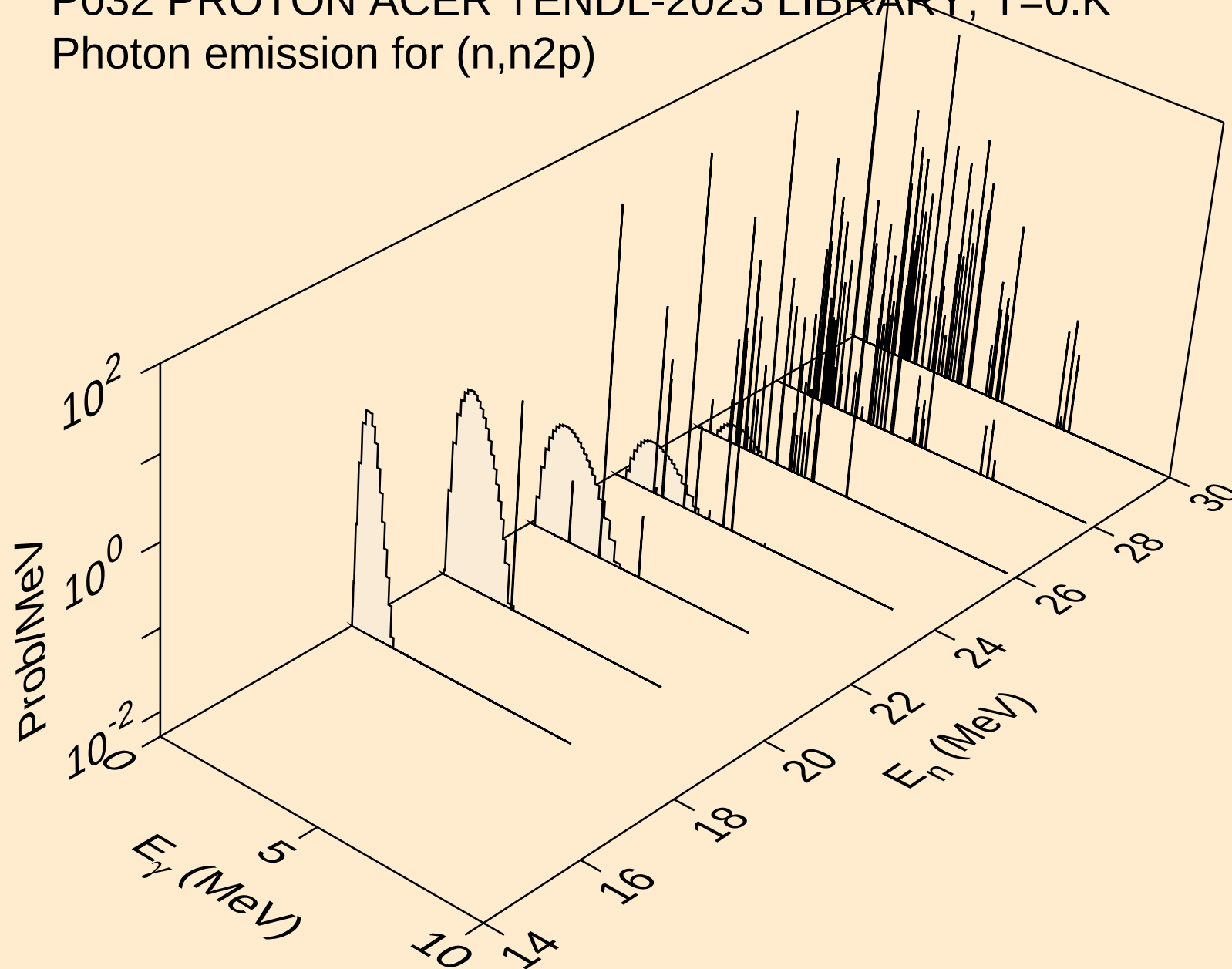
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



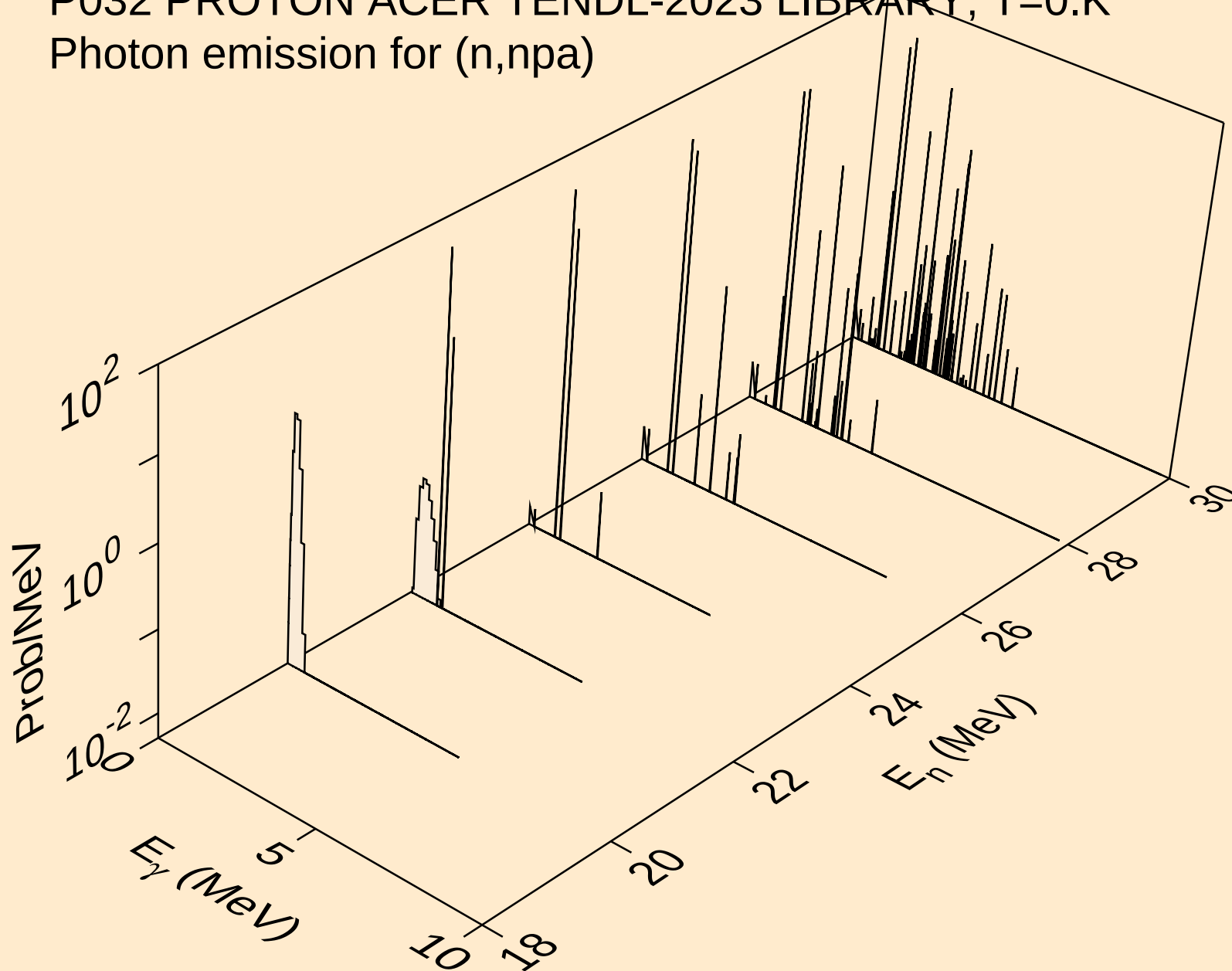
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



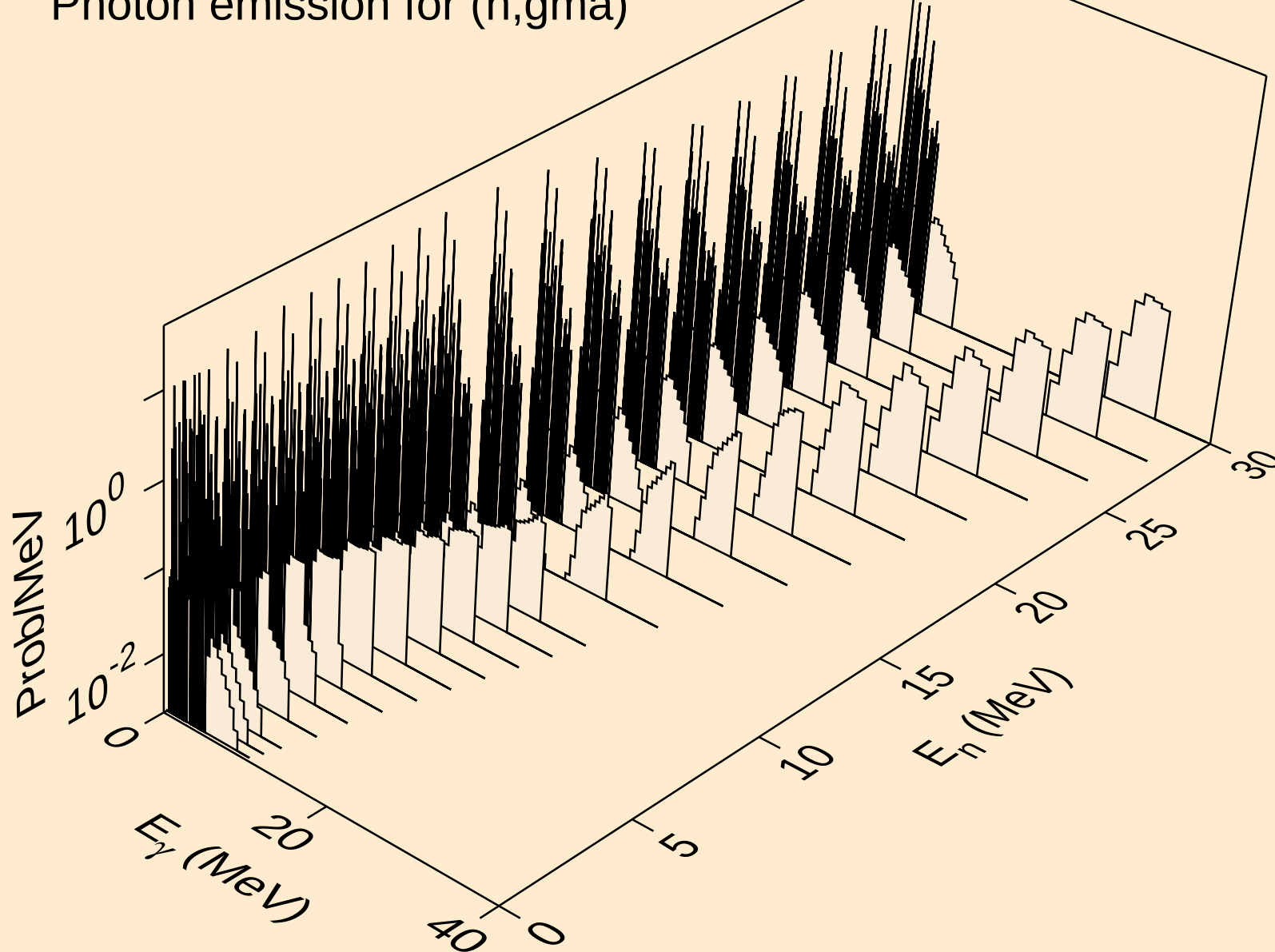
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



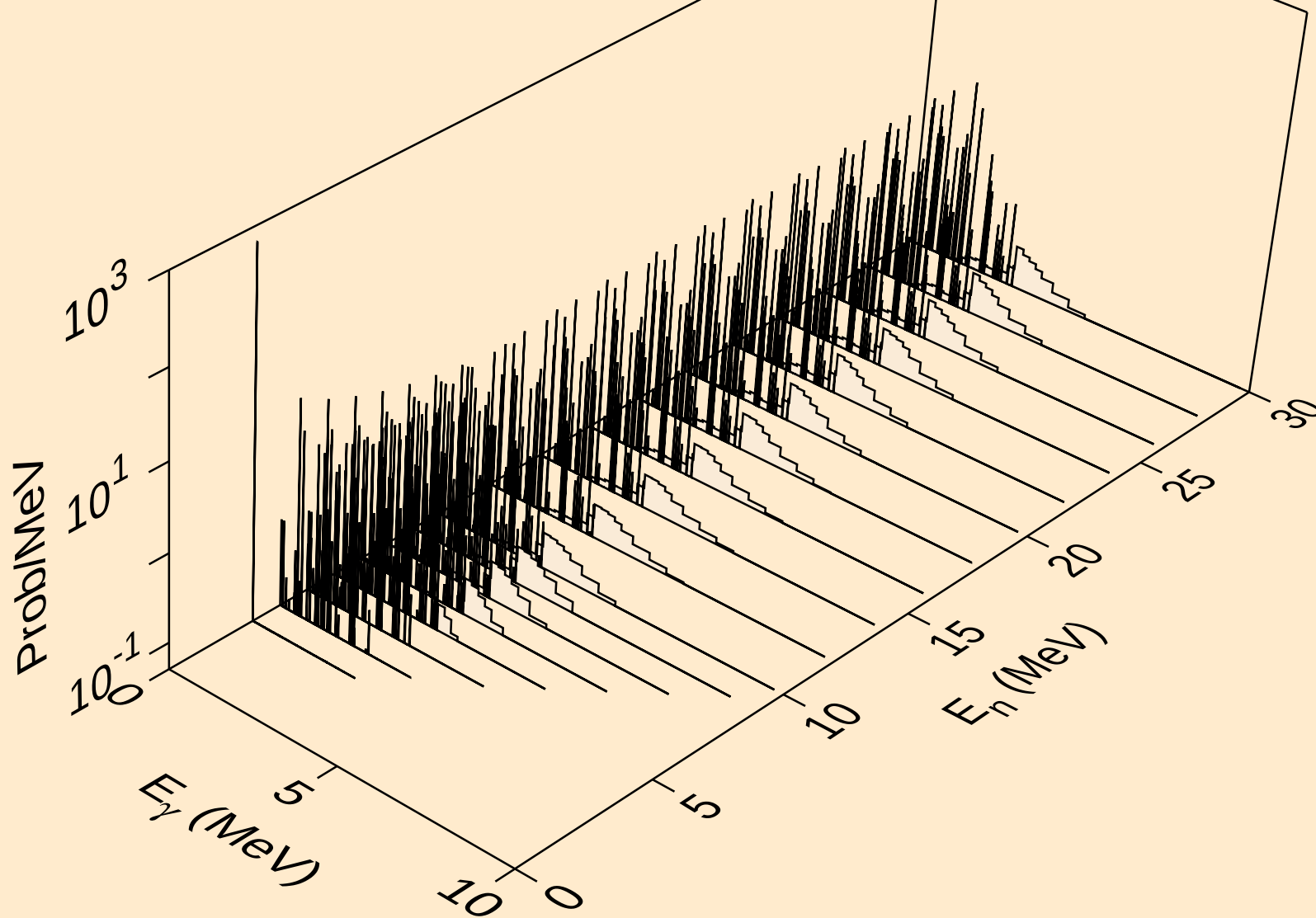
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



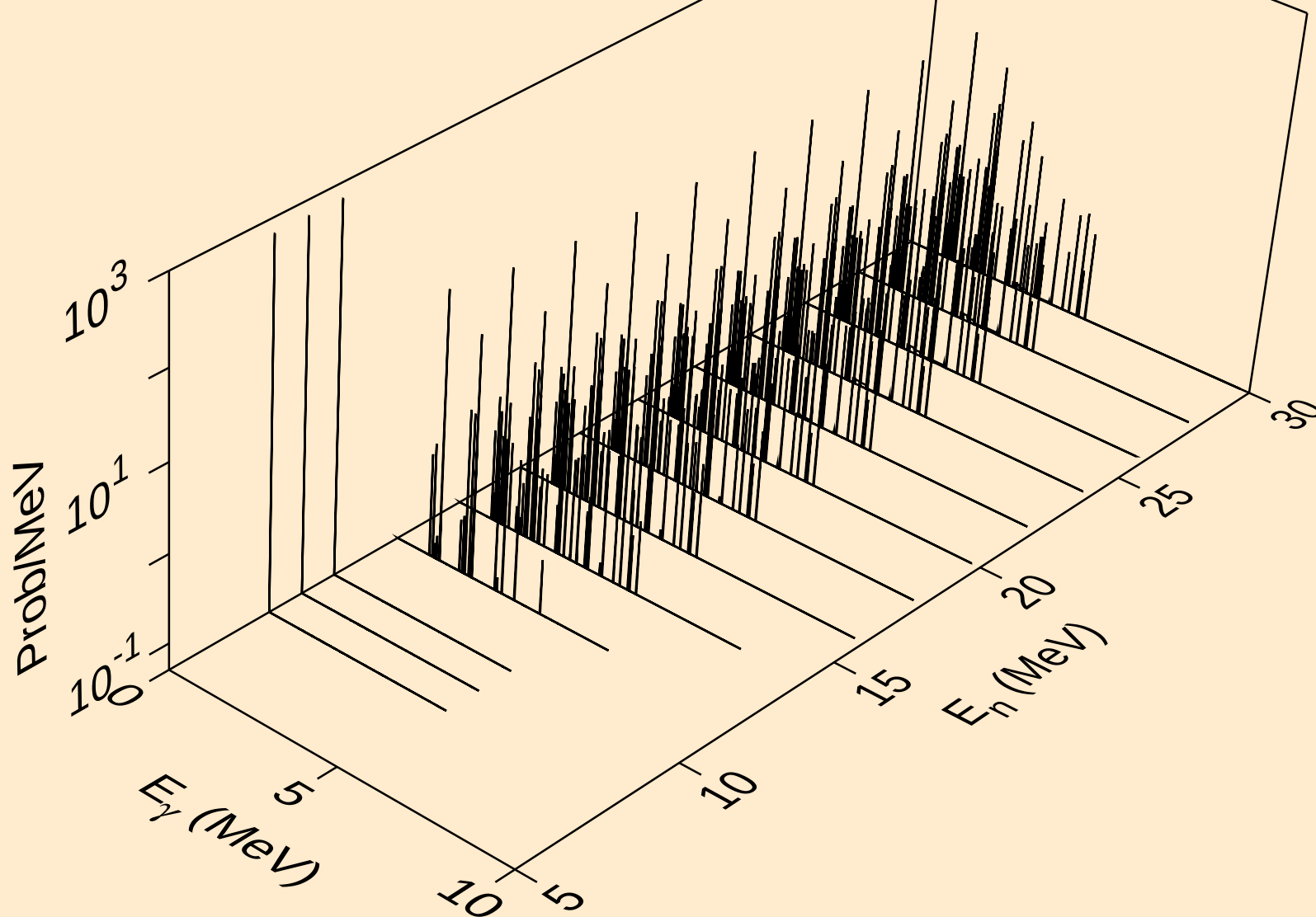
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



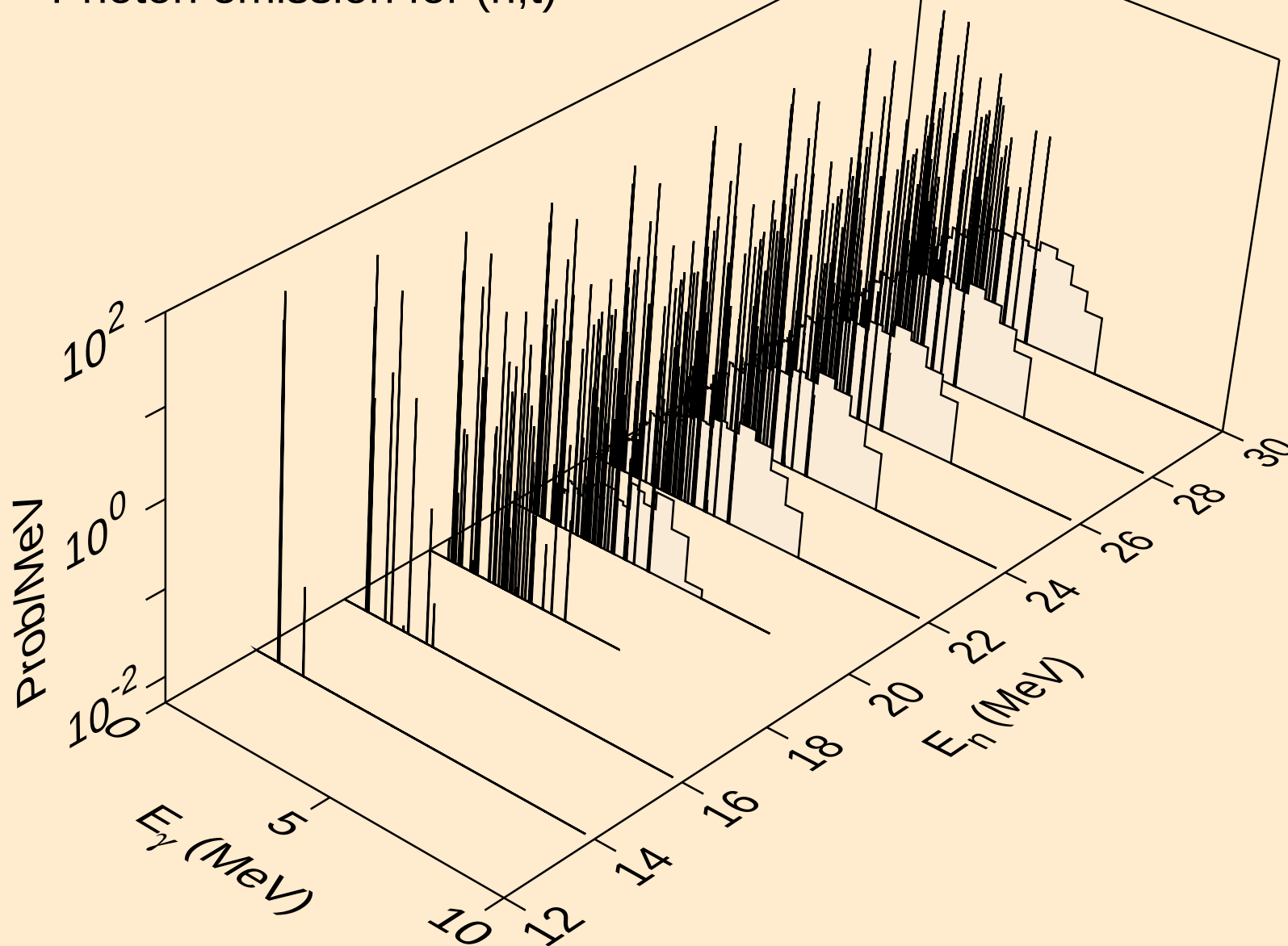
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



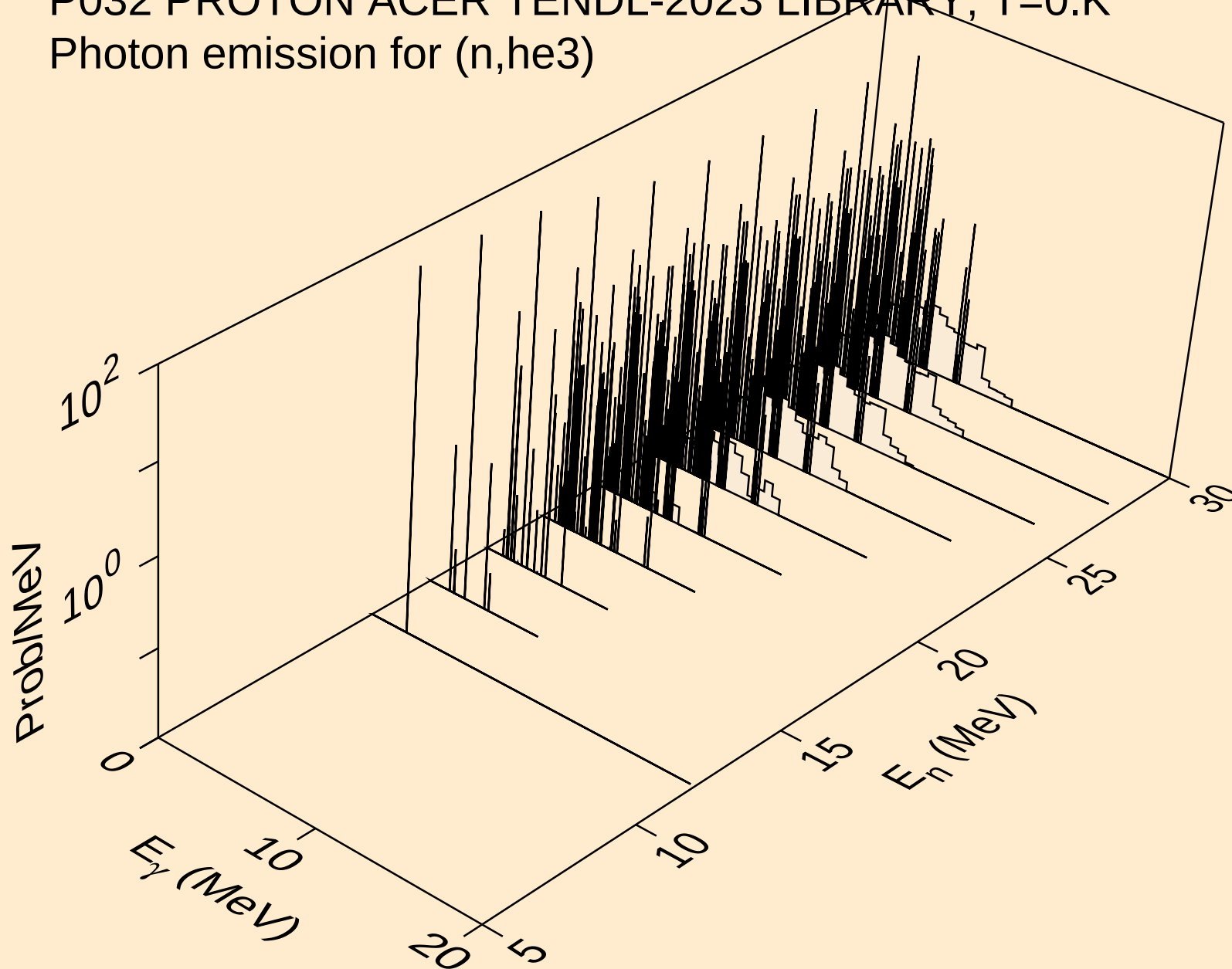
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



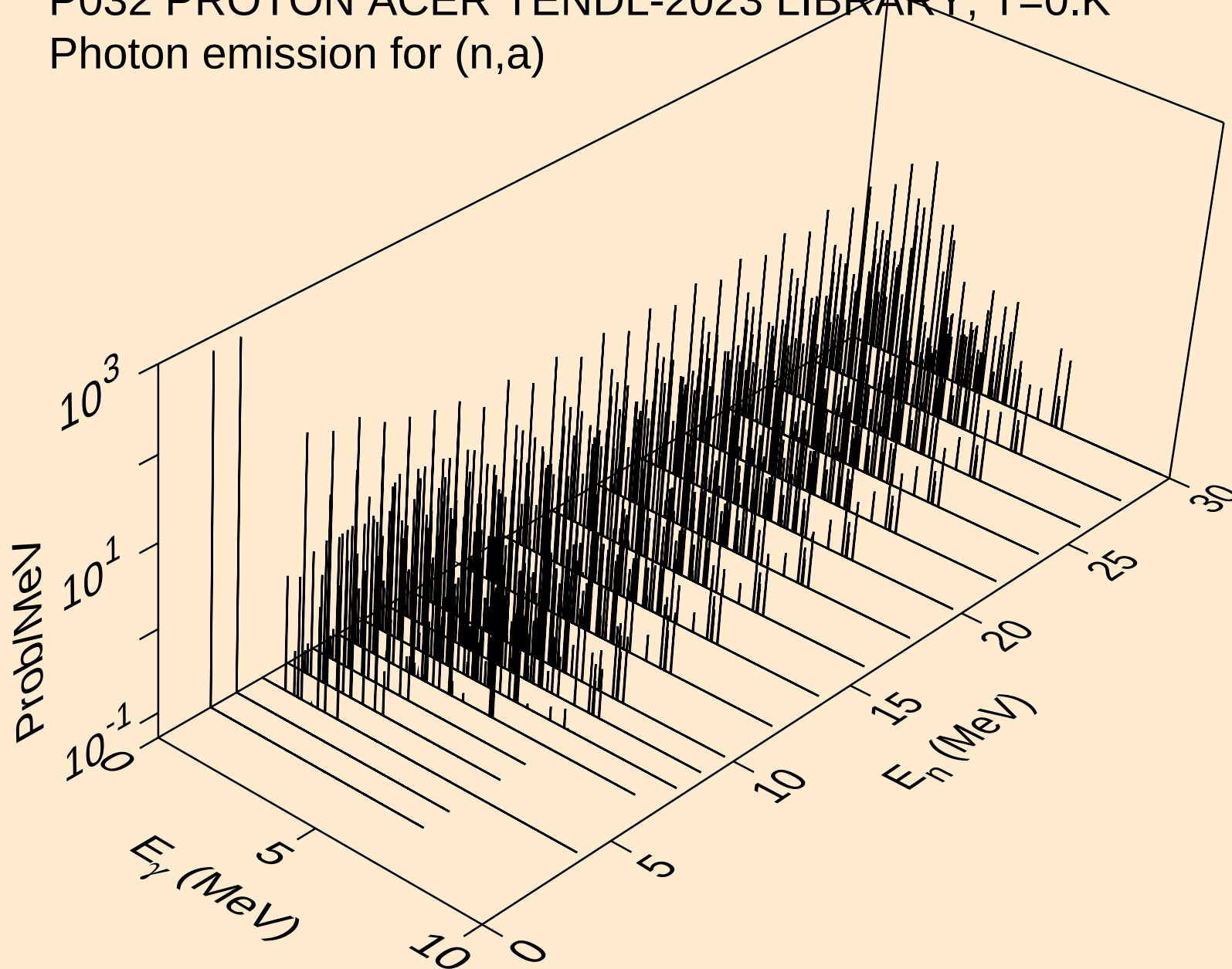
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



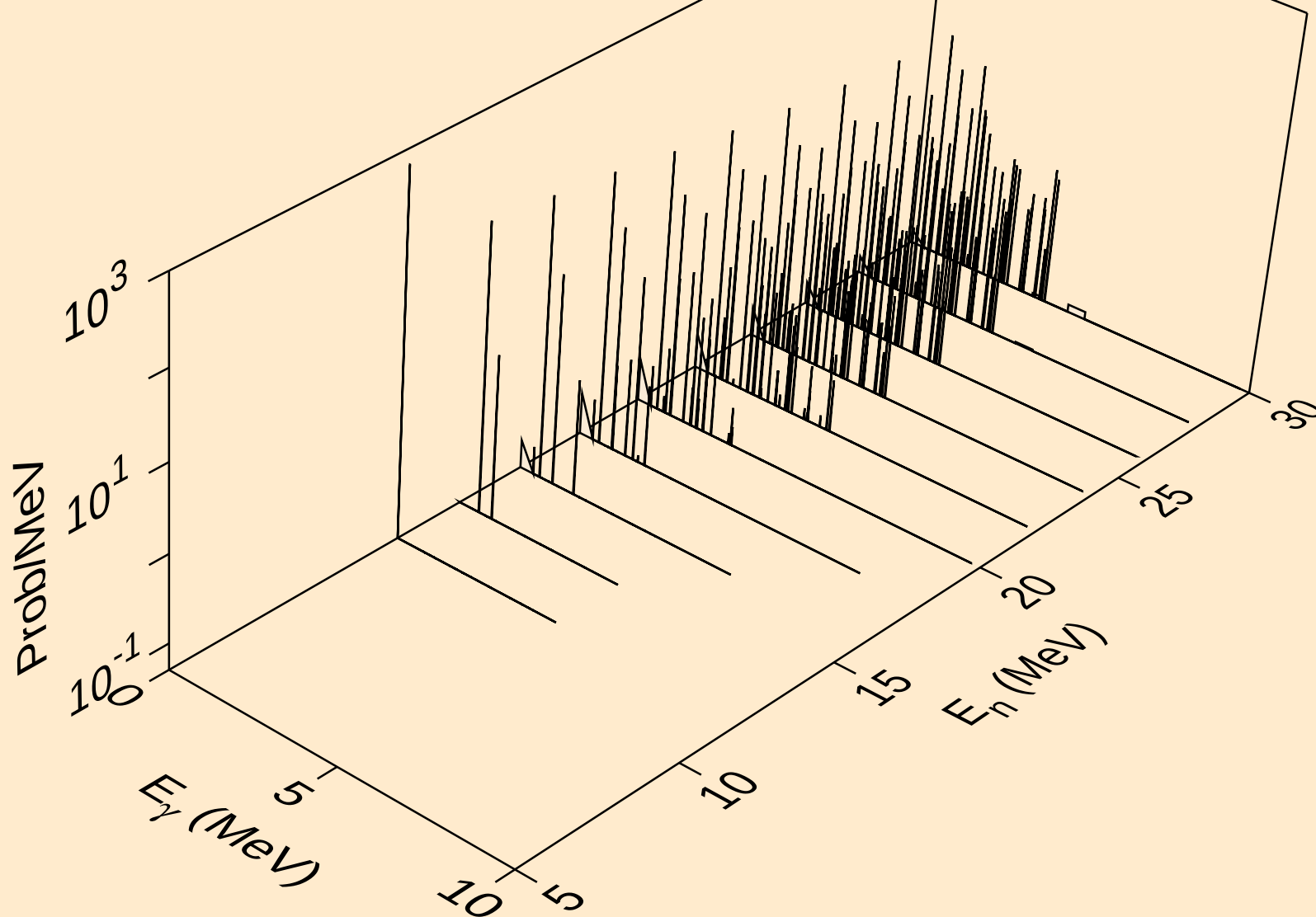
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



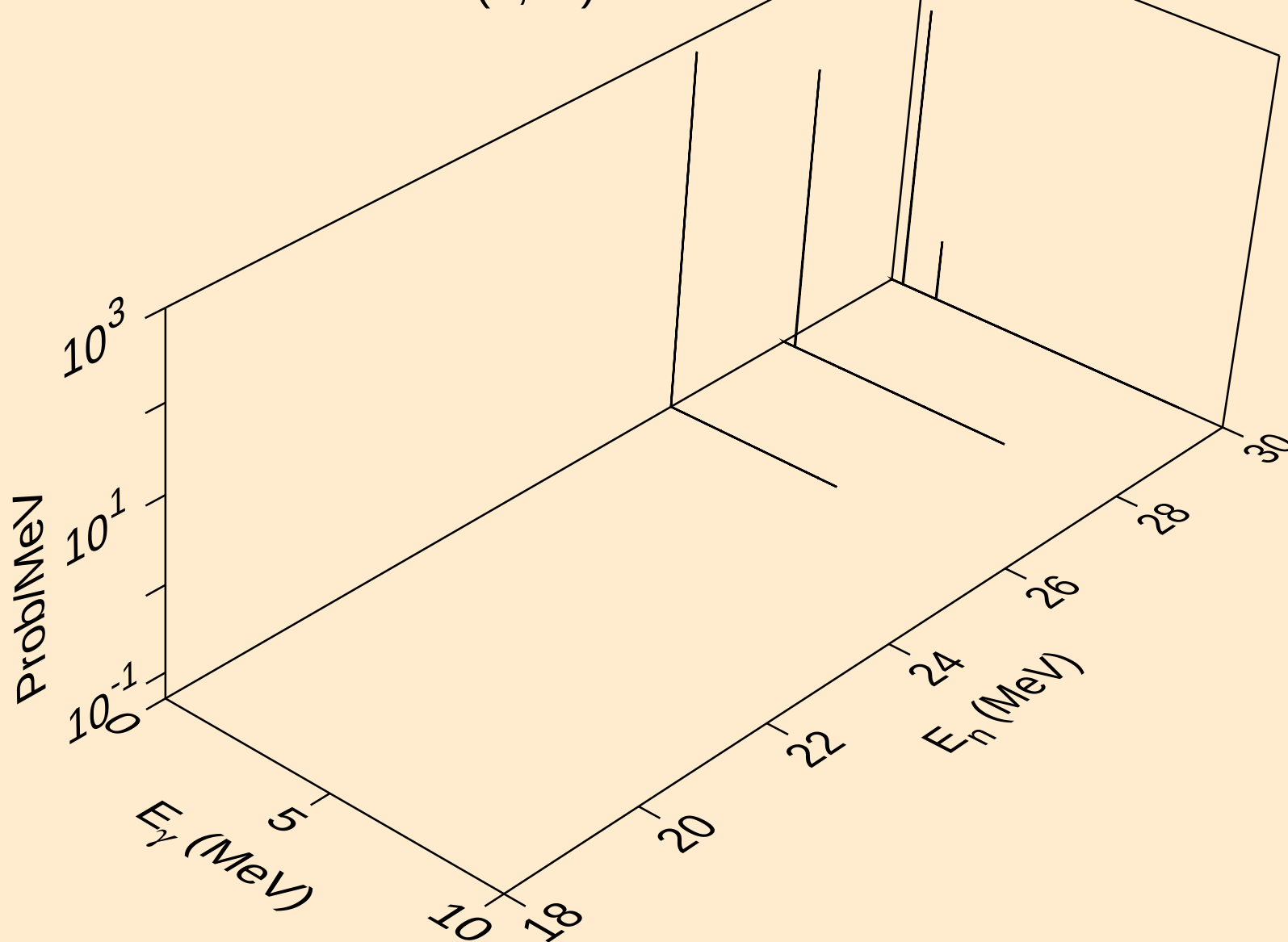
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



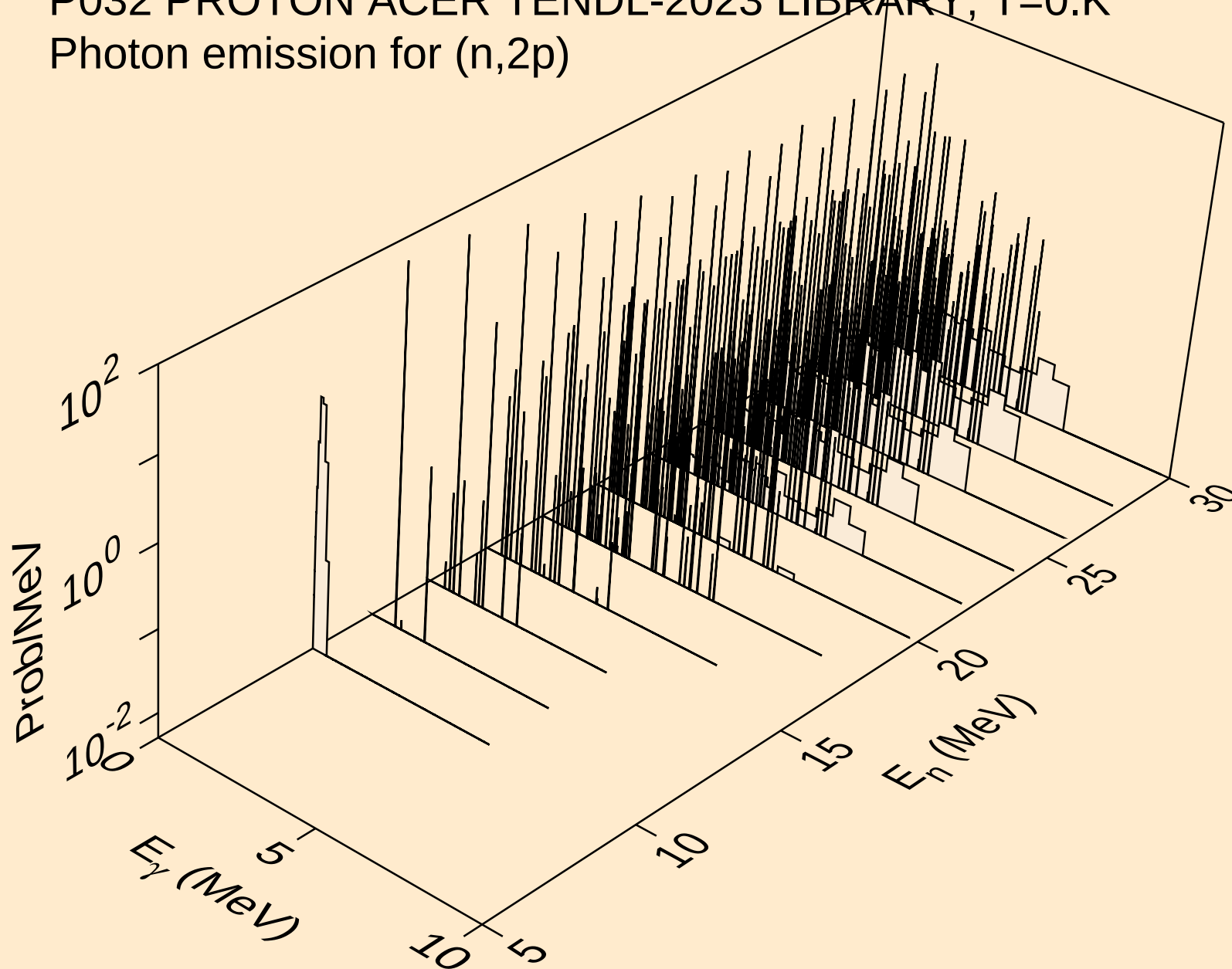
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



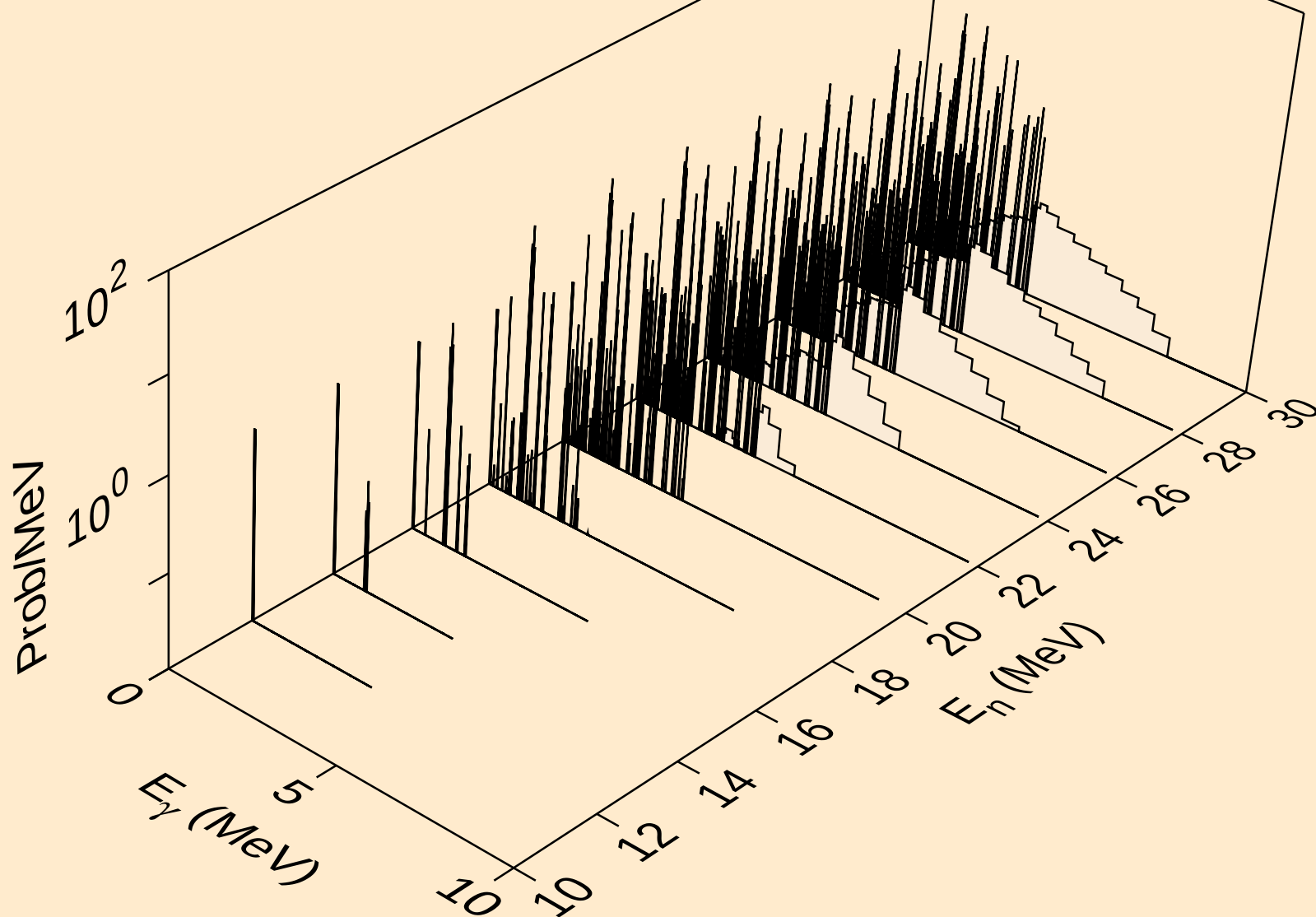
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



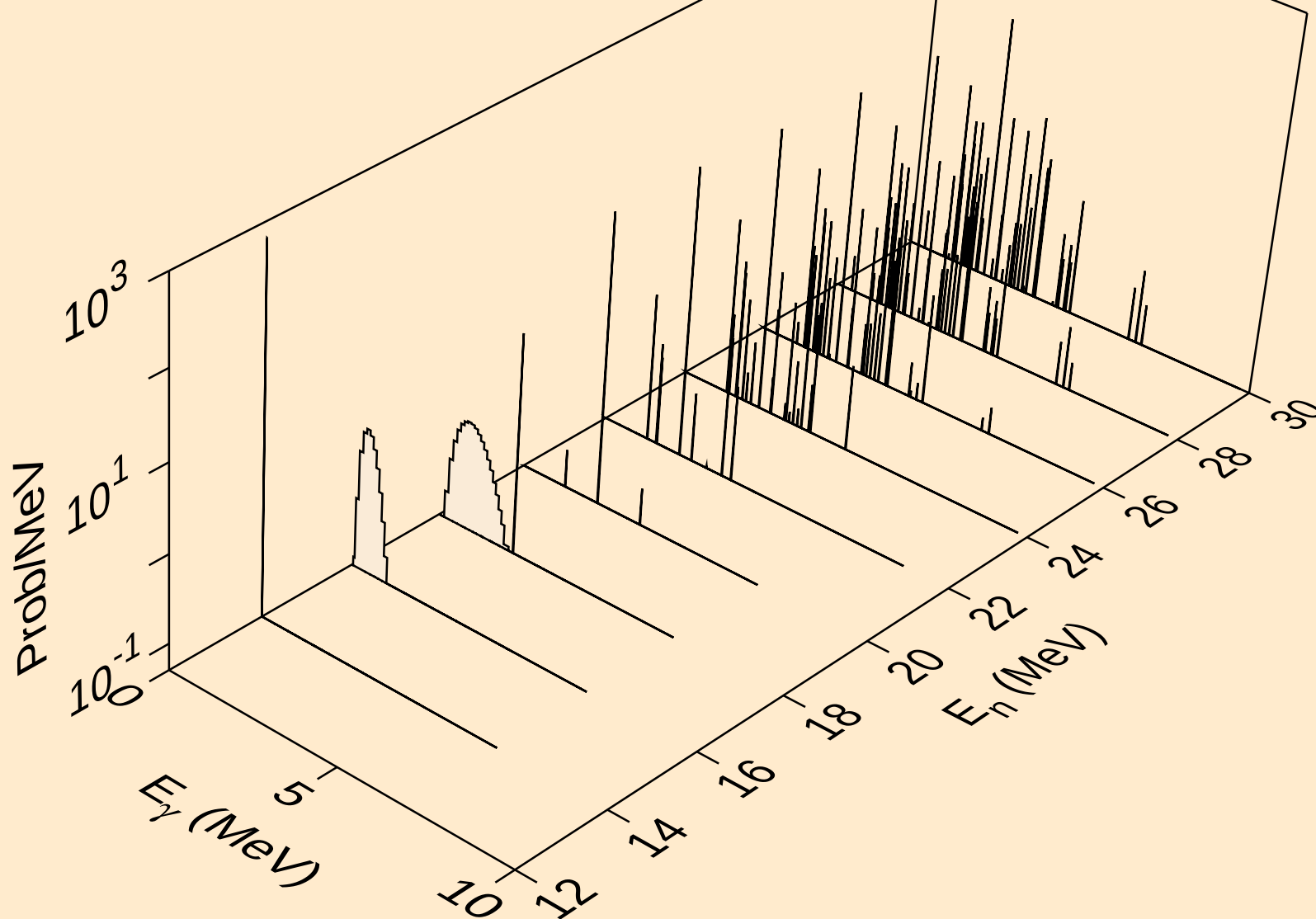
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



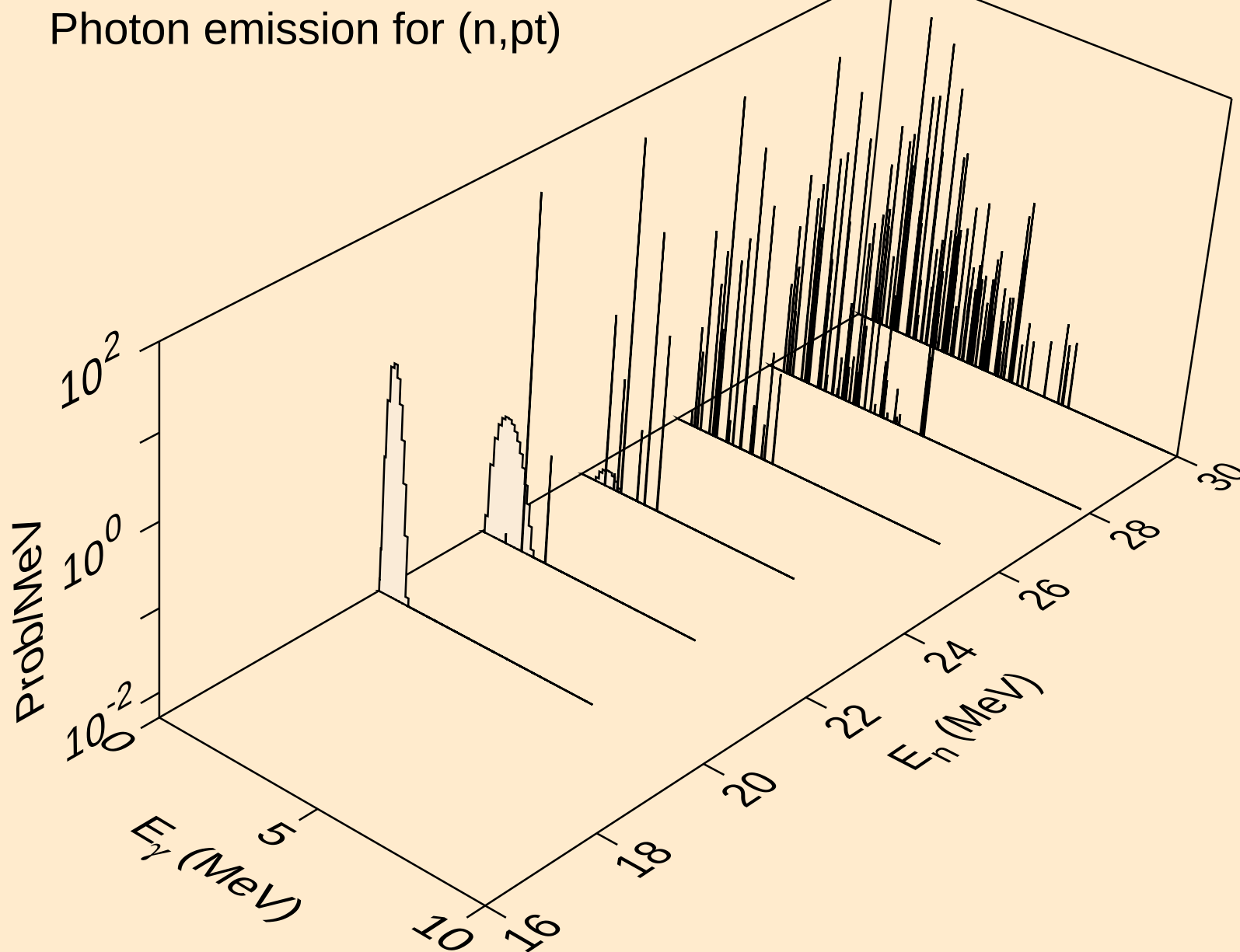
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



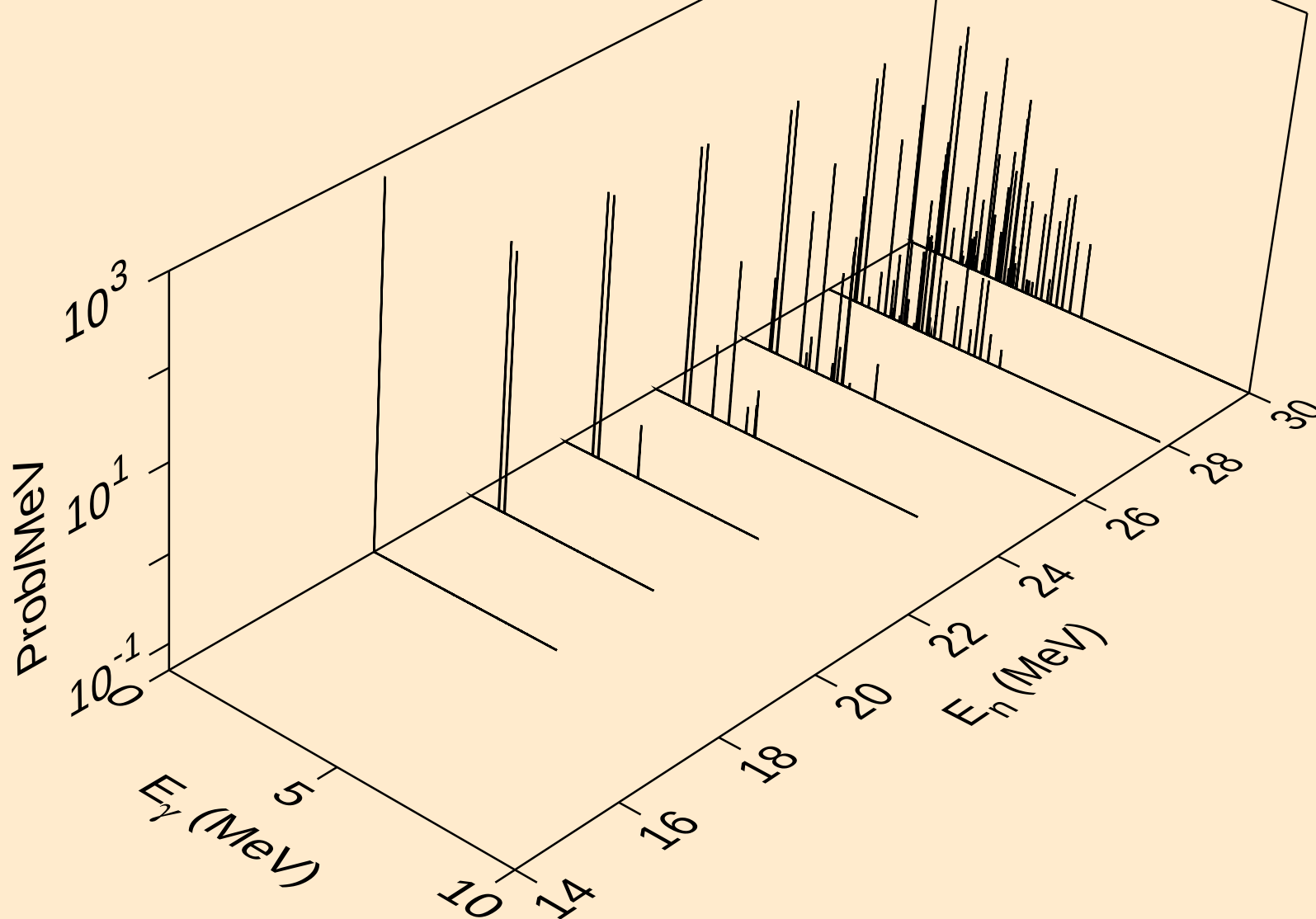
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

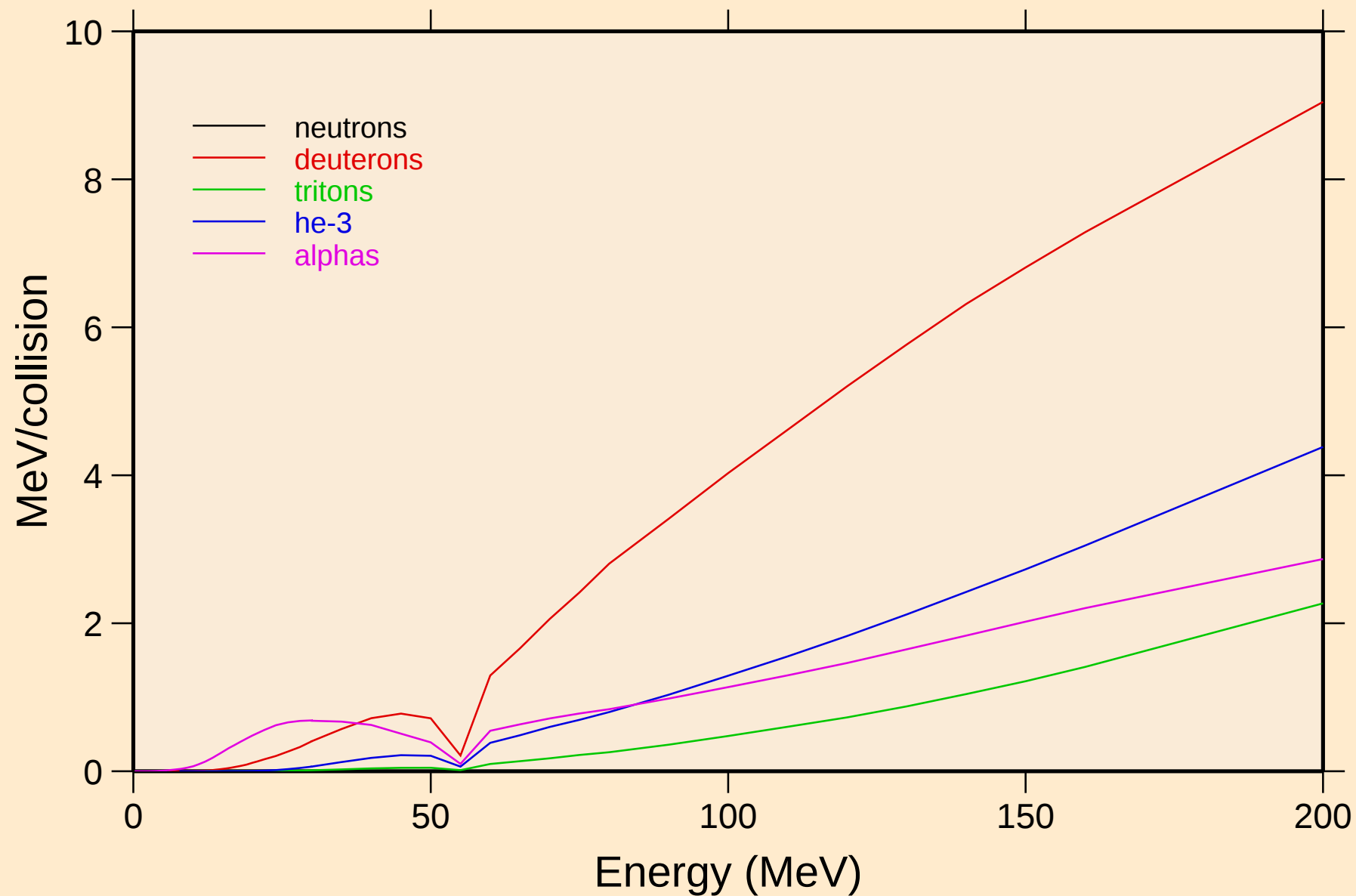


P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



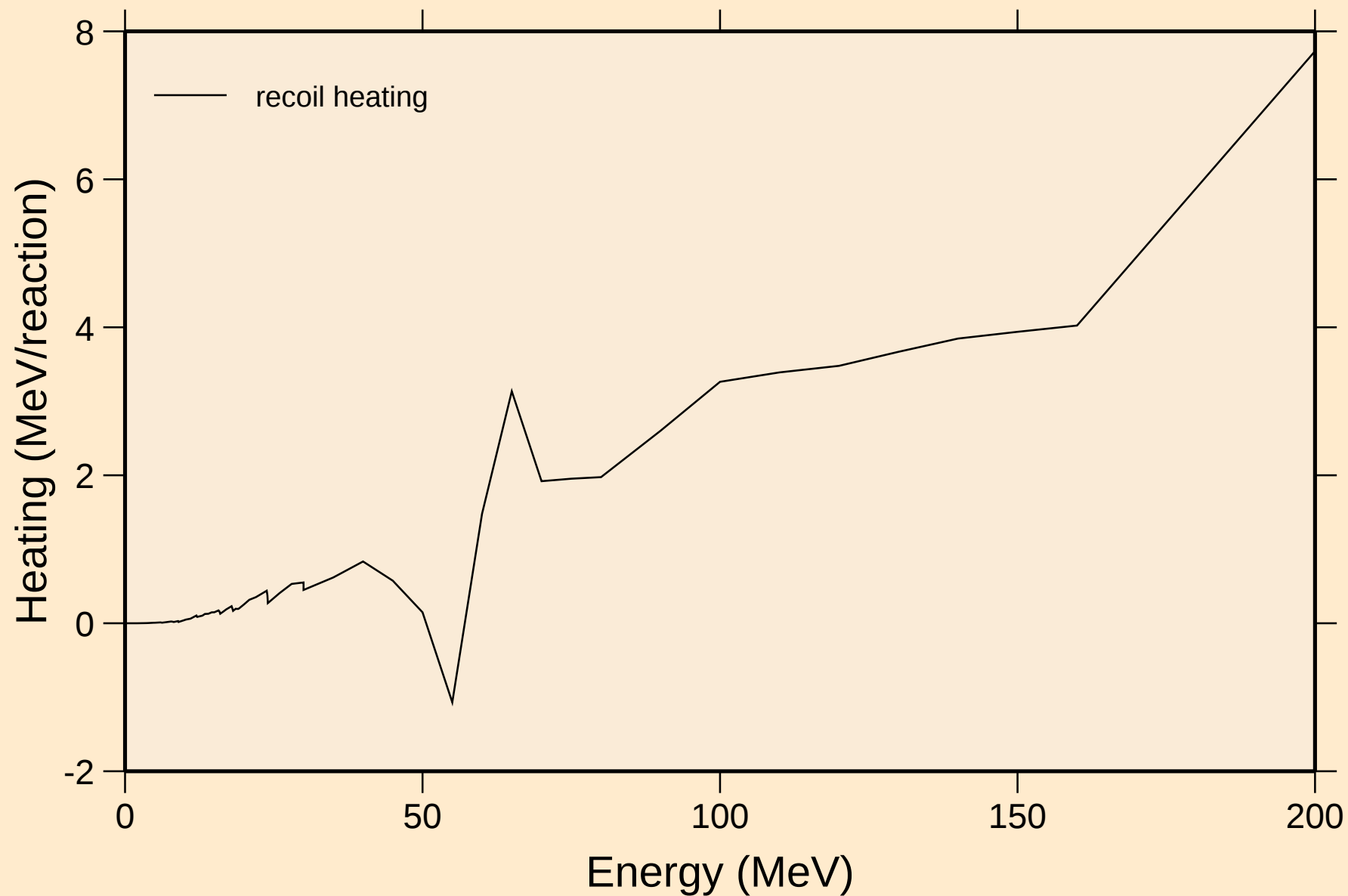
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



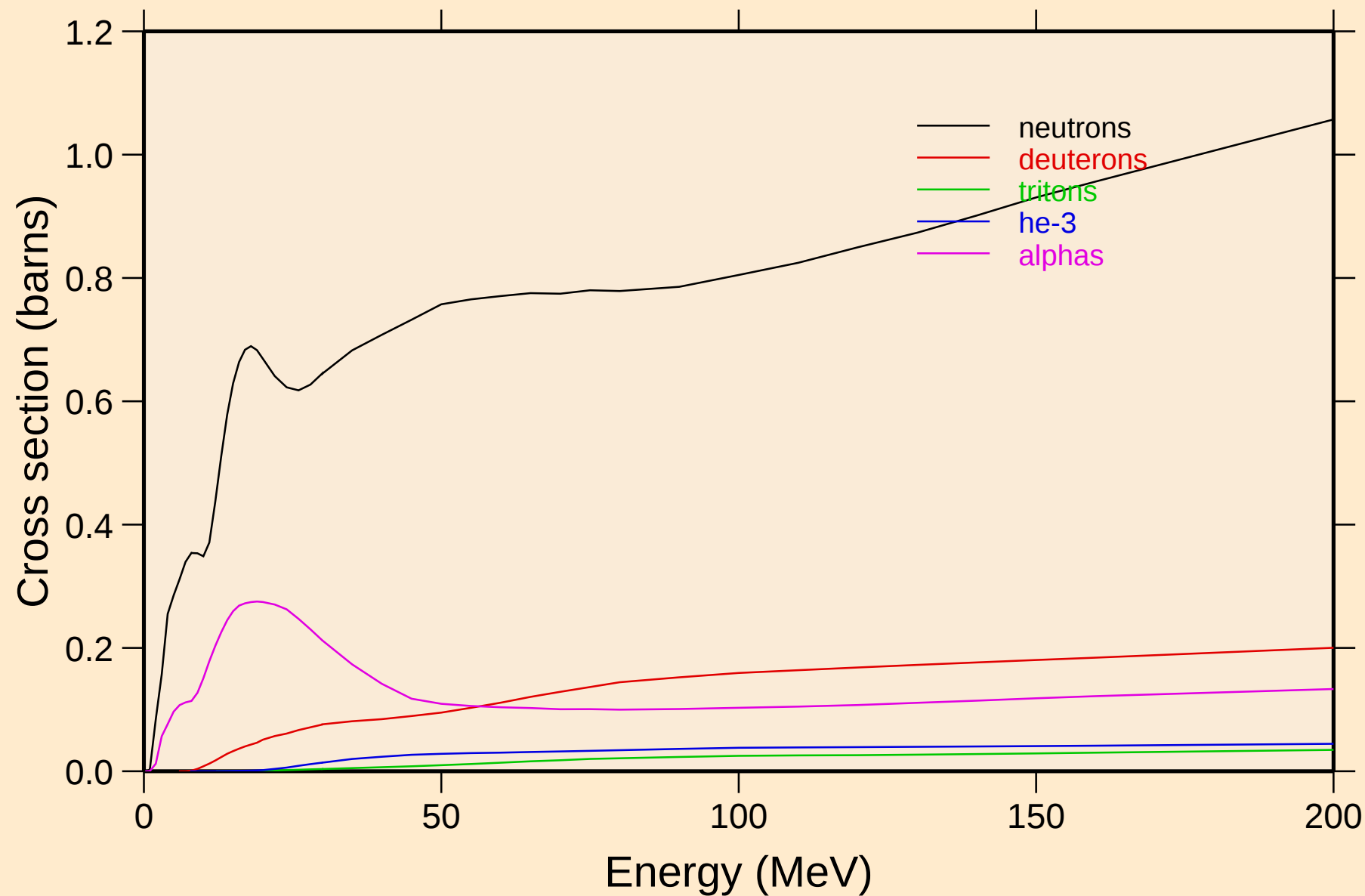
# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

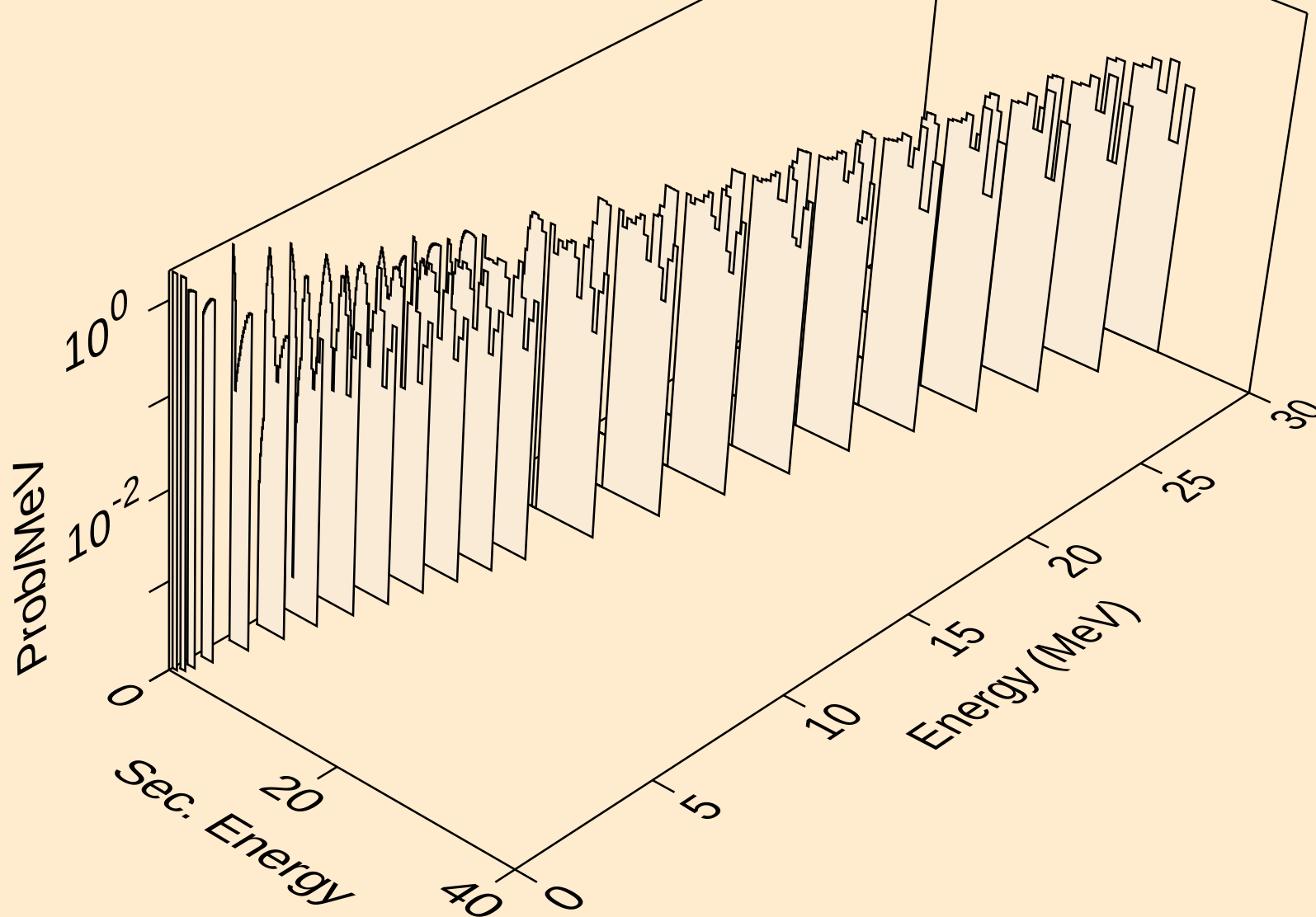


# P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

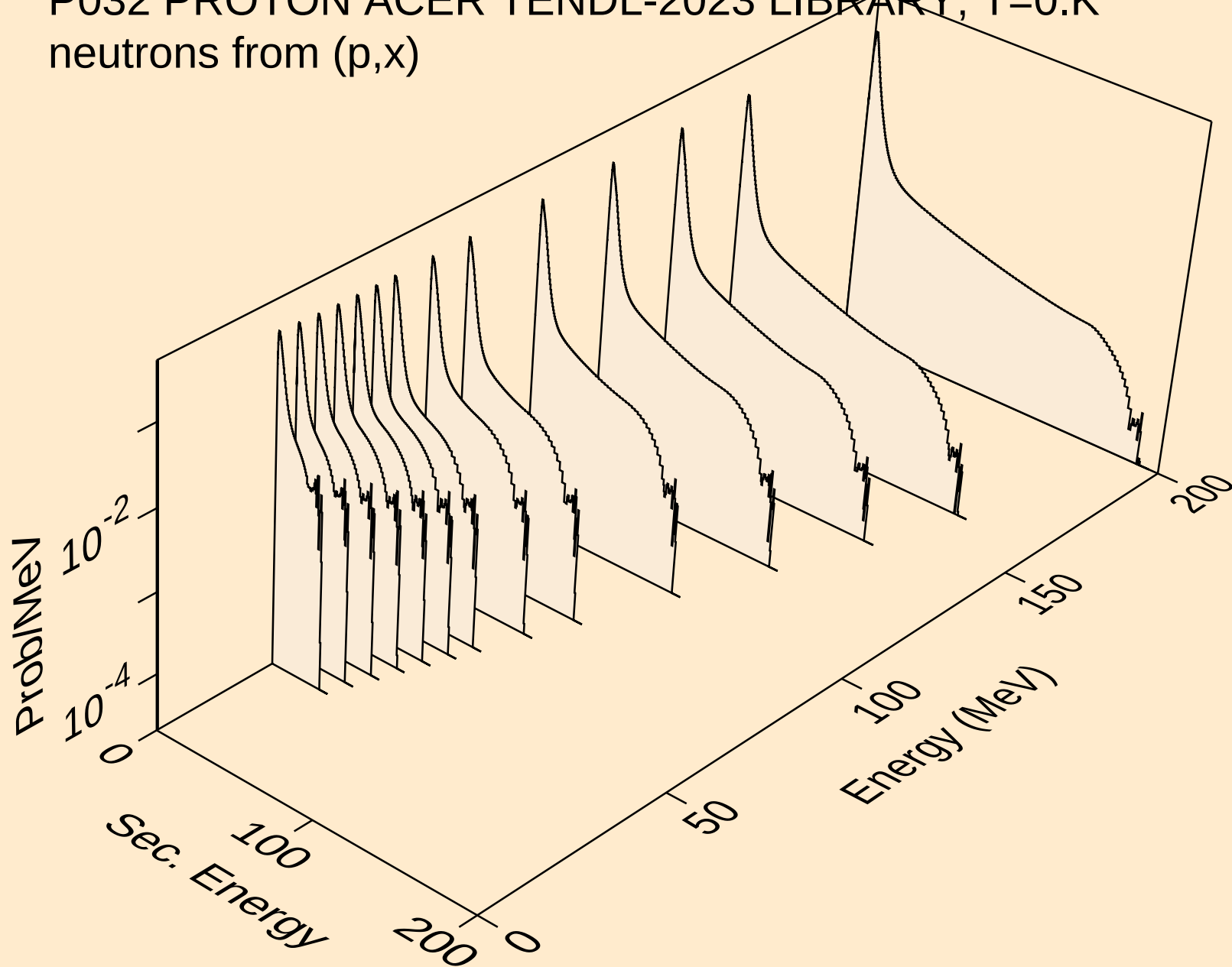
## Particle production cross sections



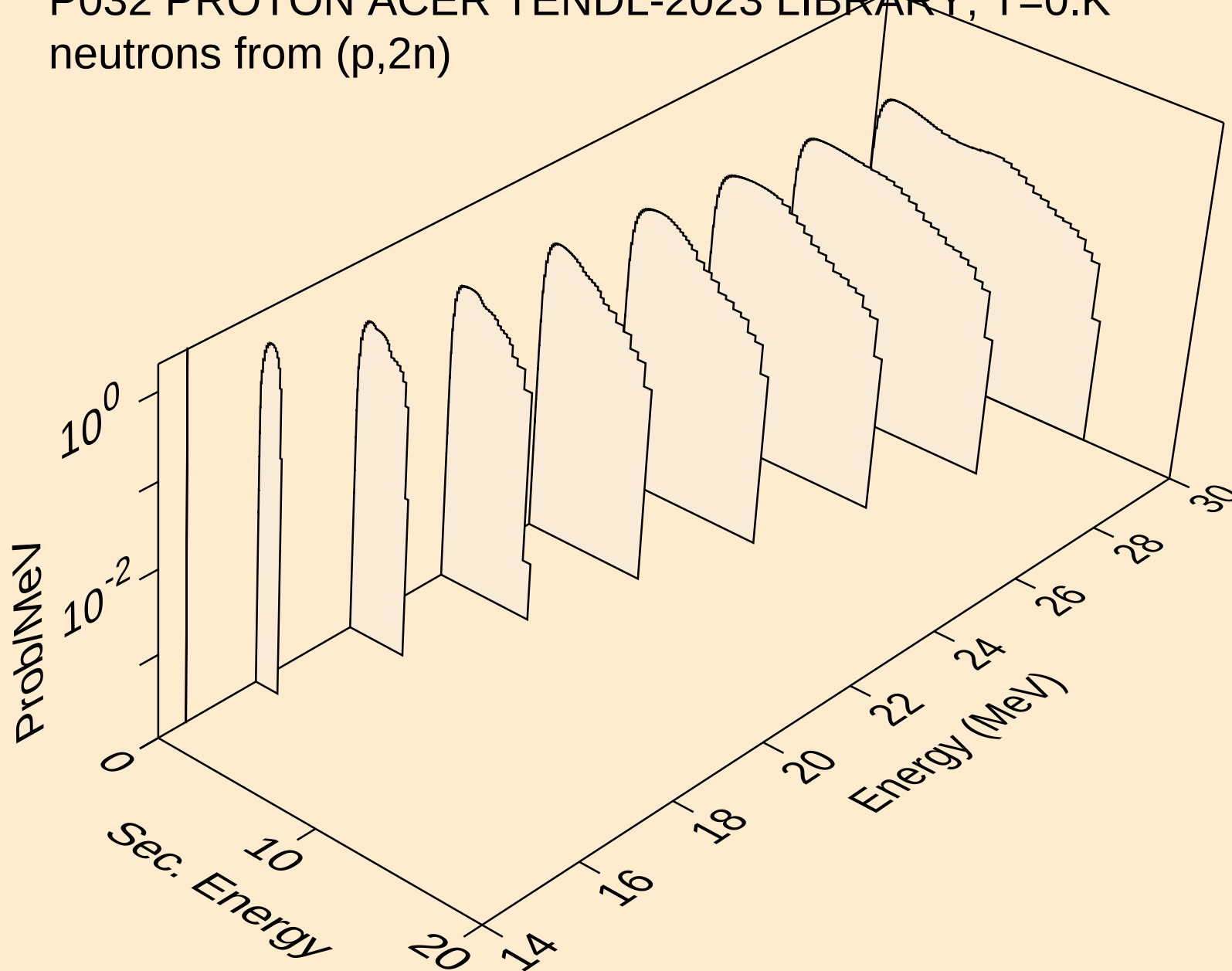
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



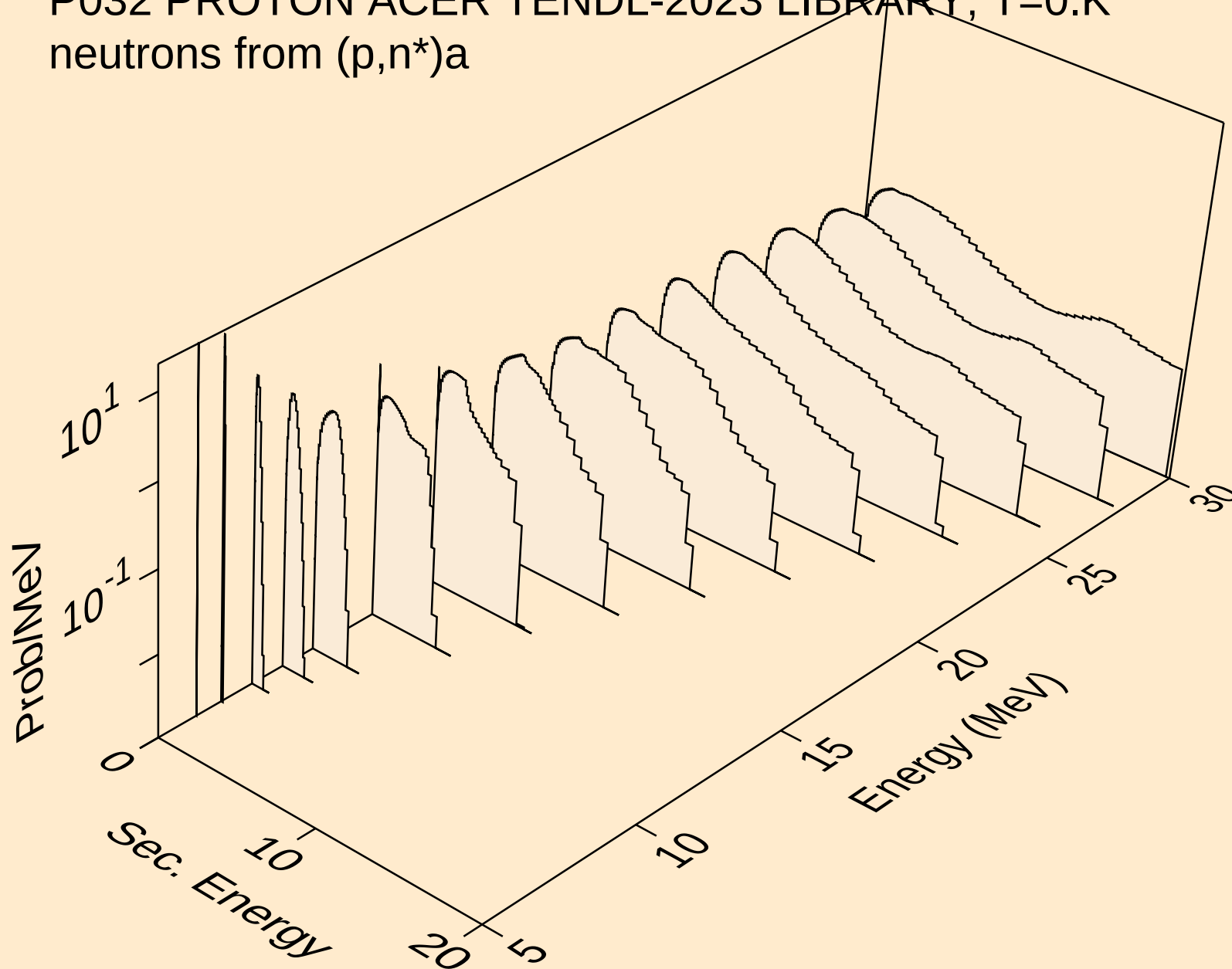
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



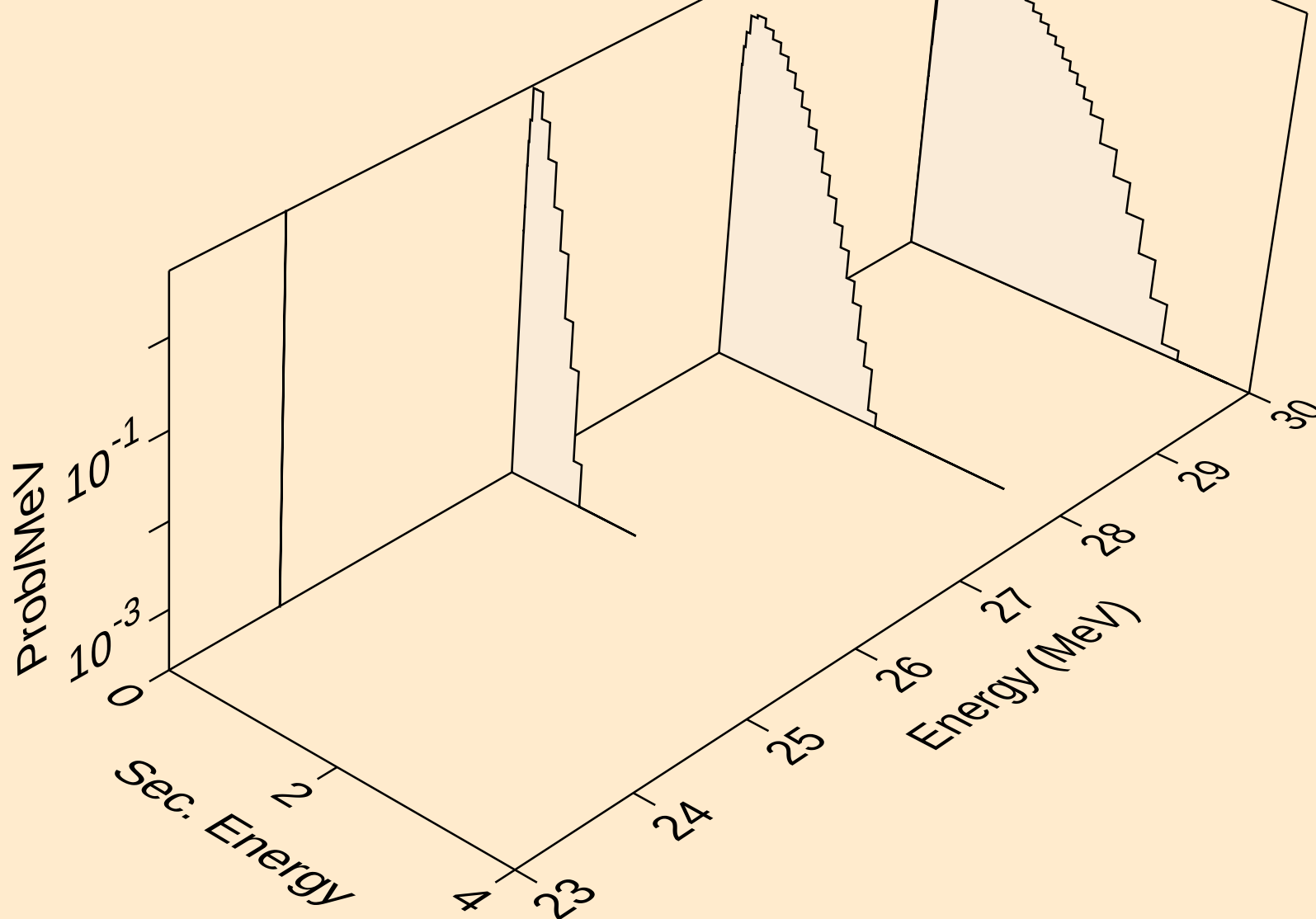
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



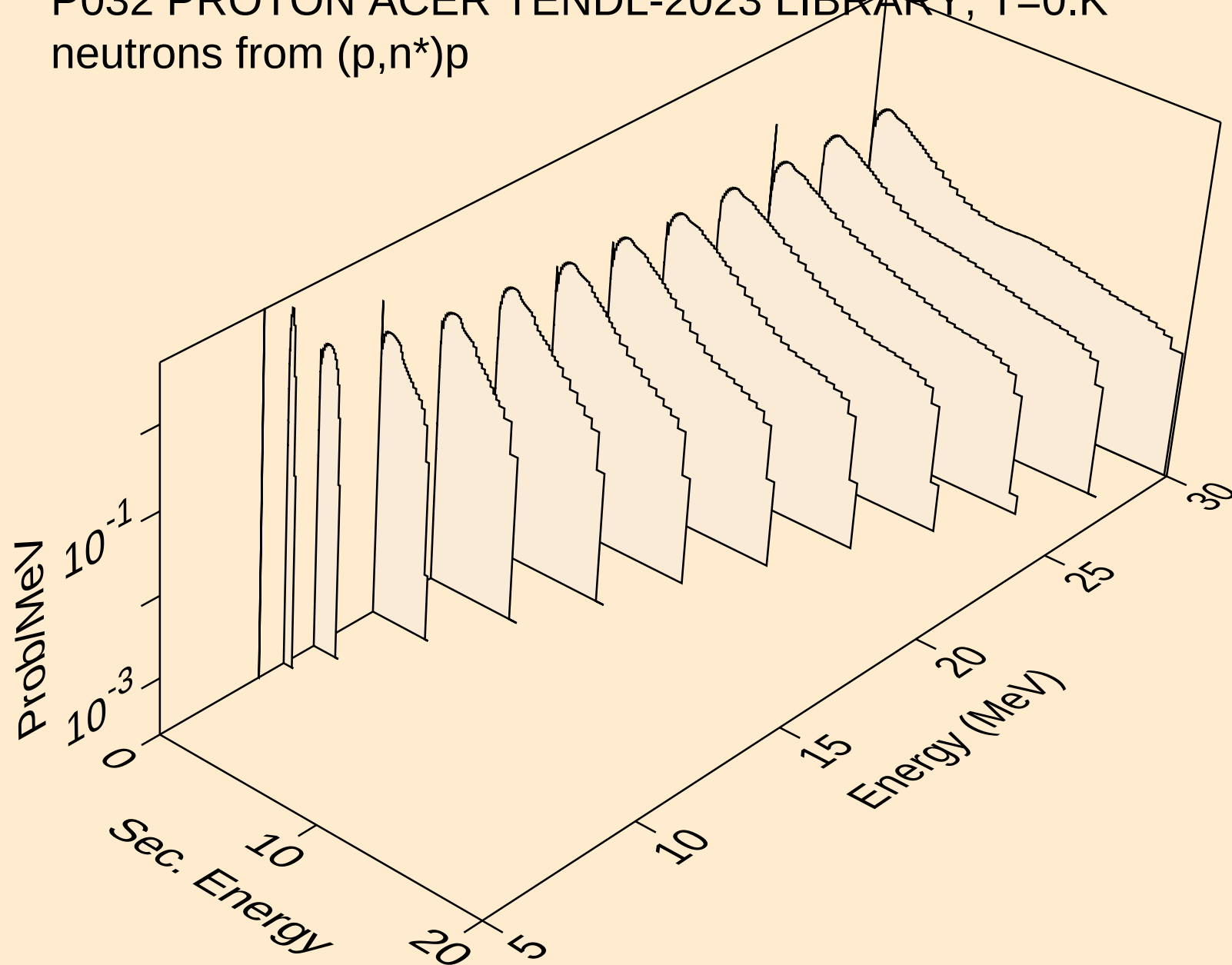
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



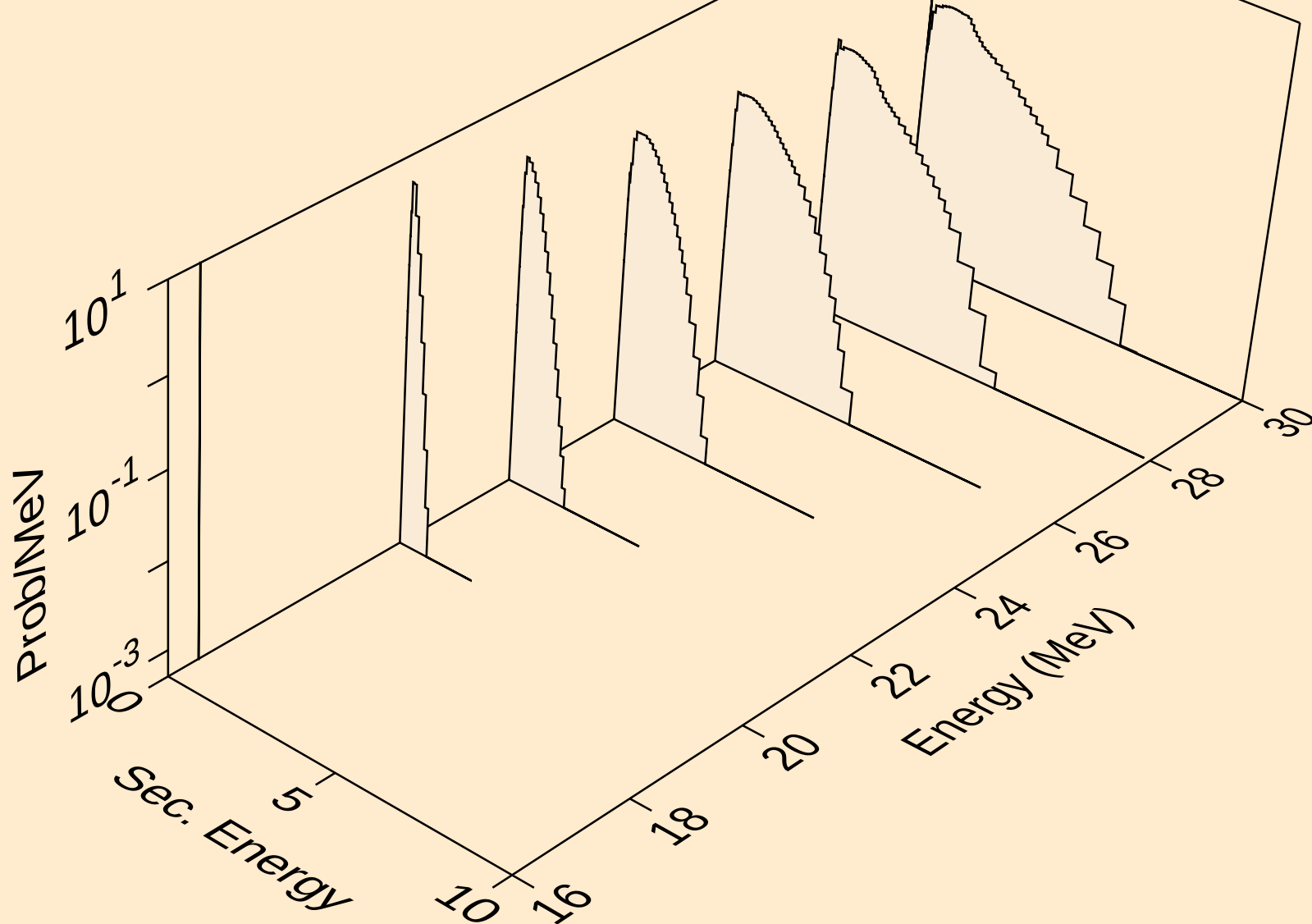
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



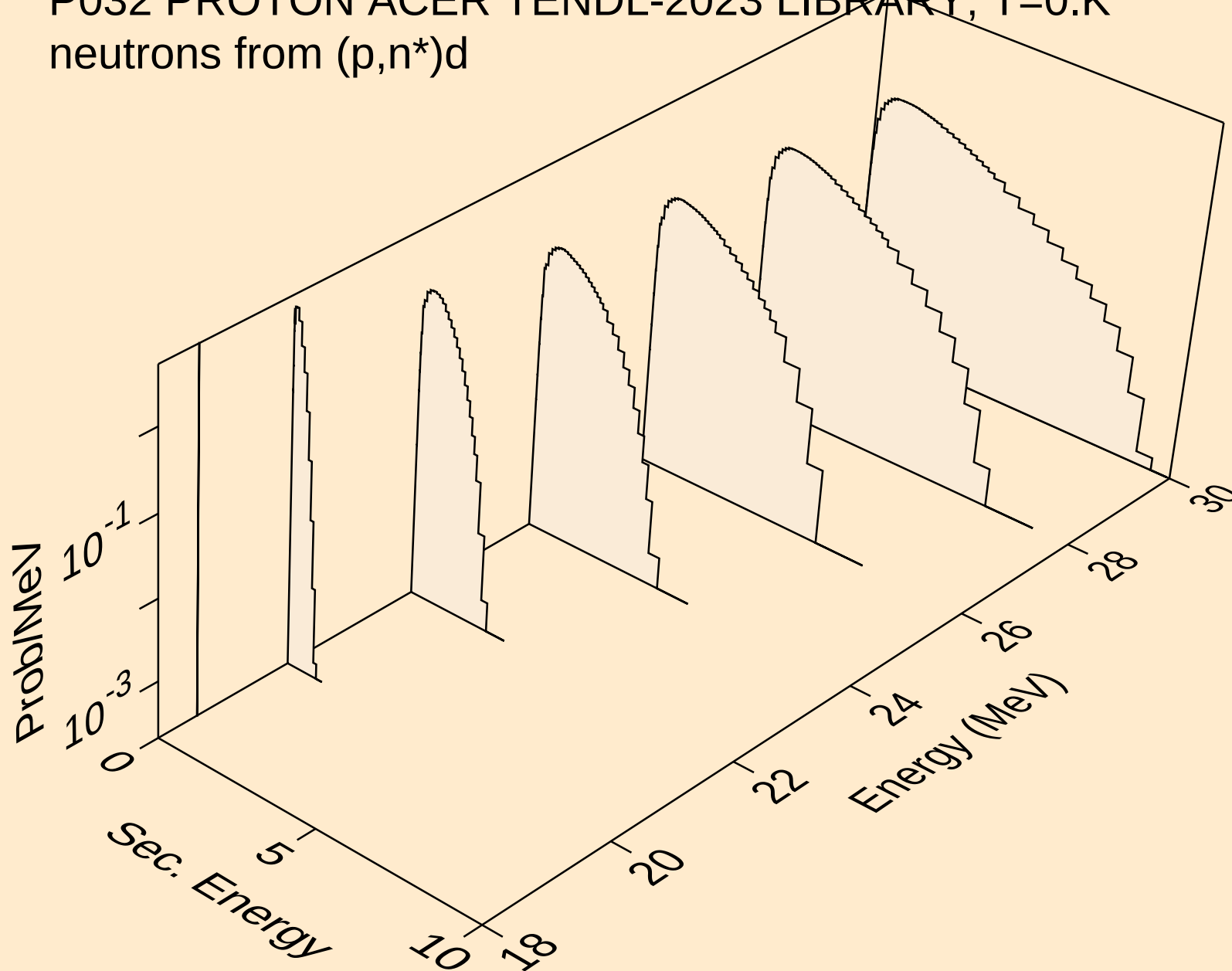
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



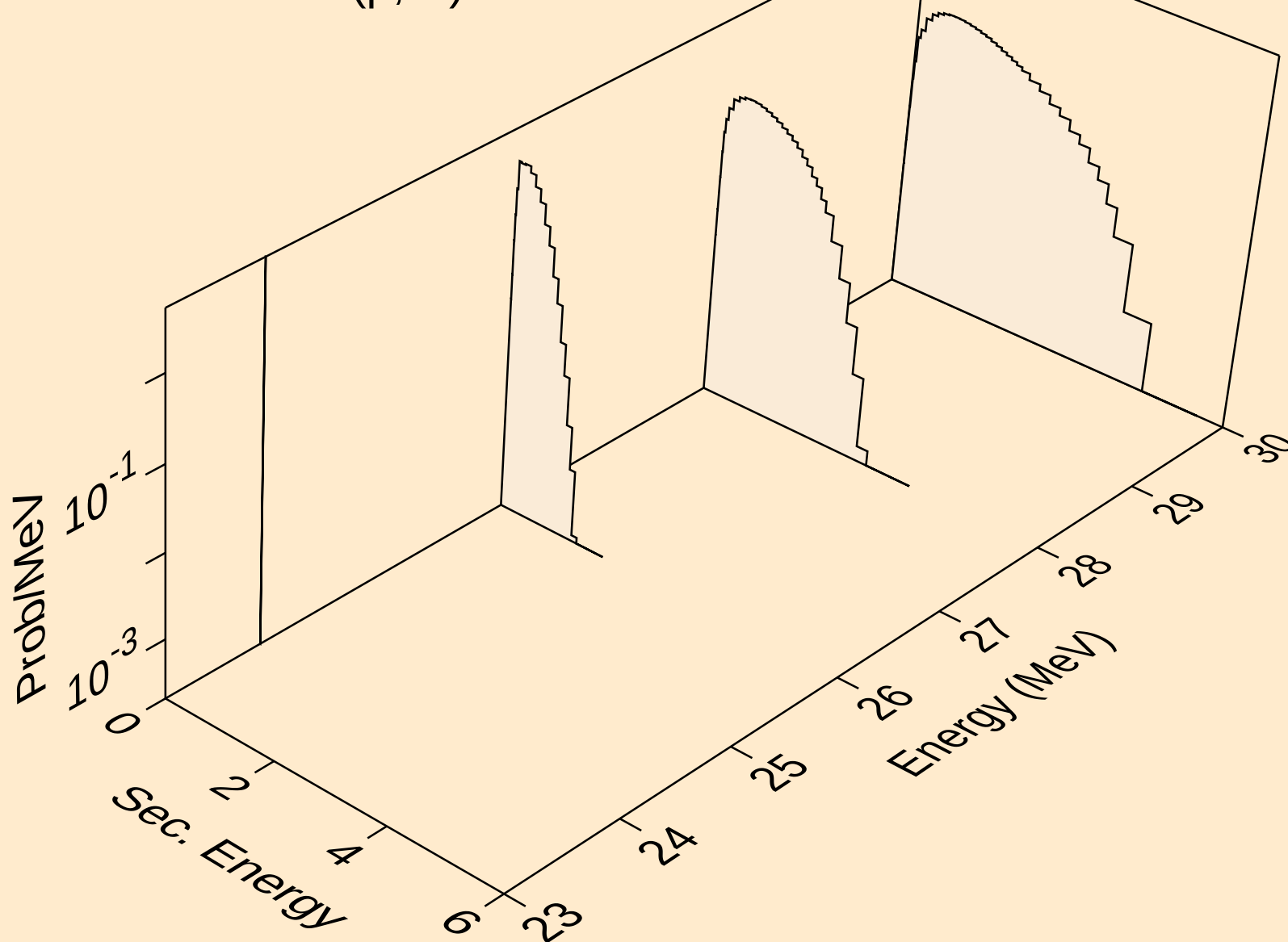
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



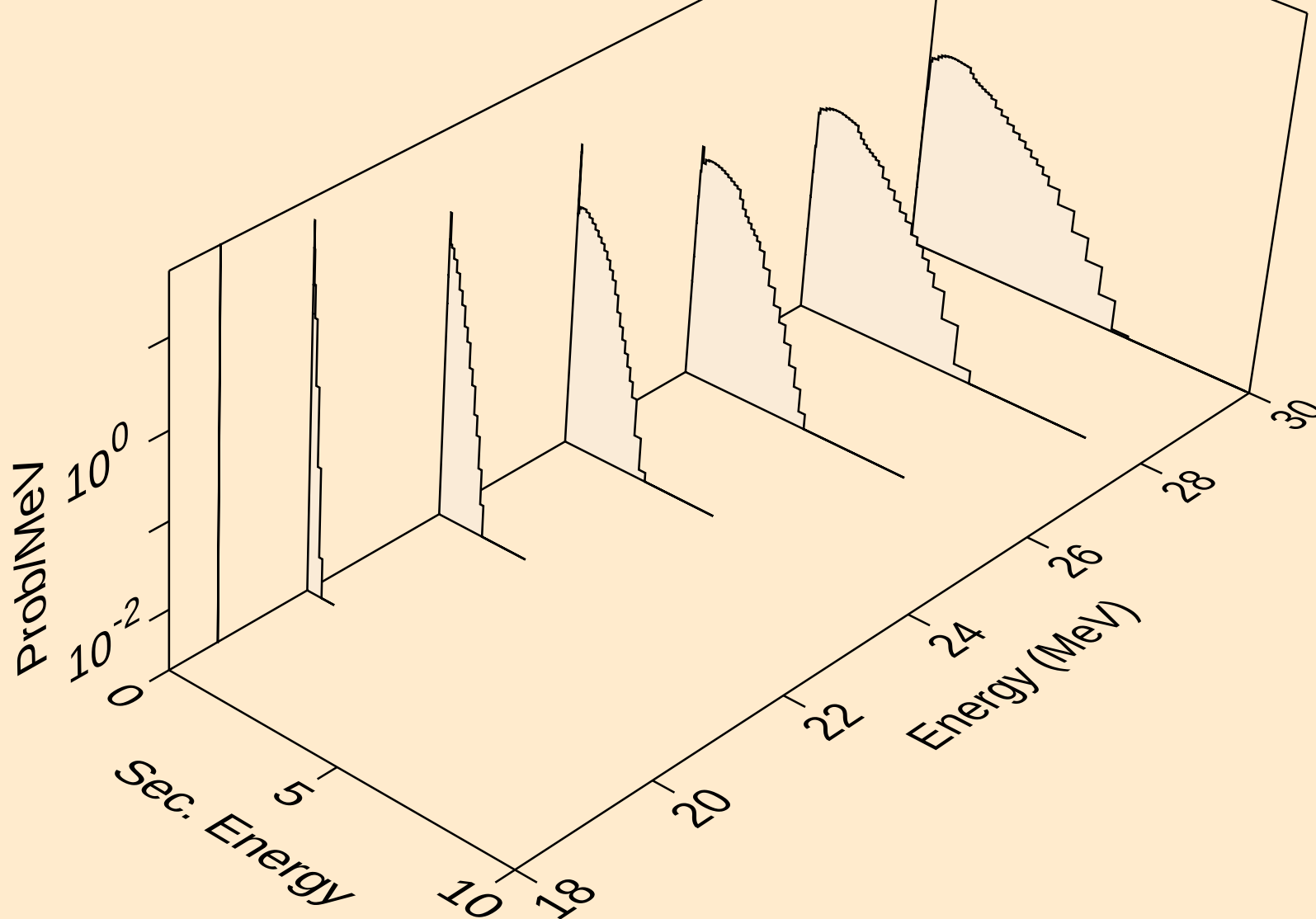
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



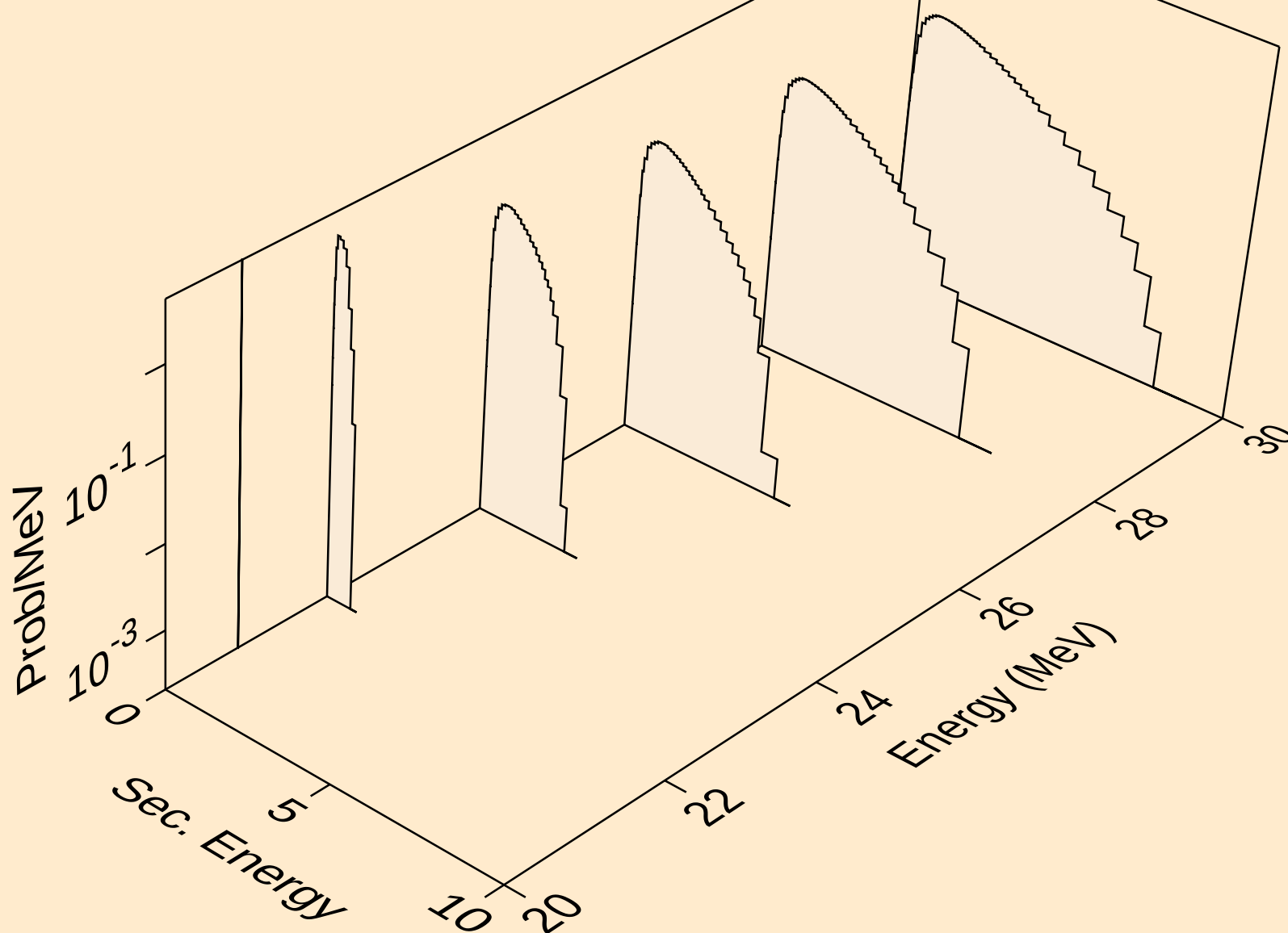
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



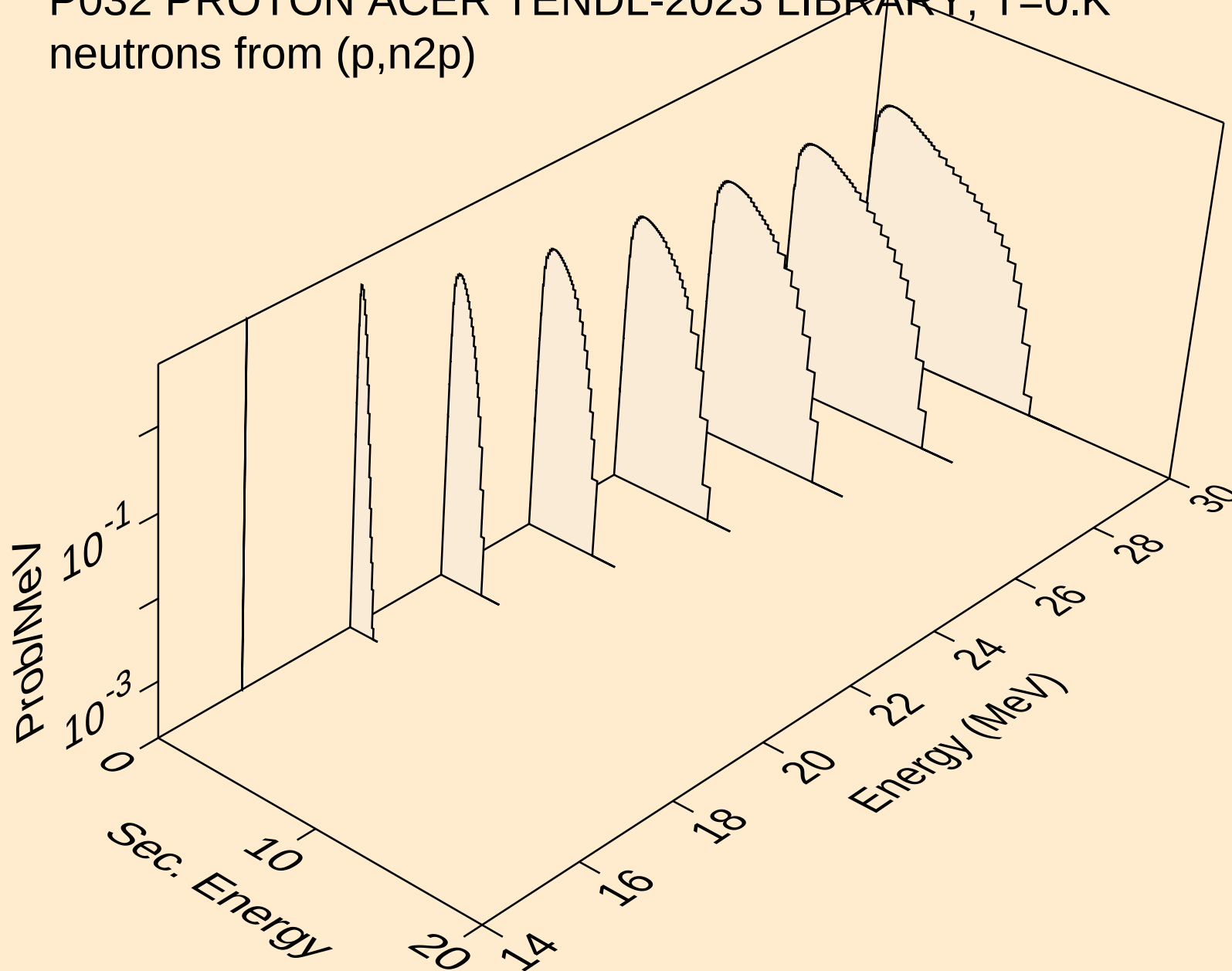
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



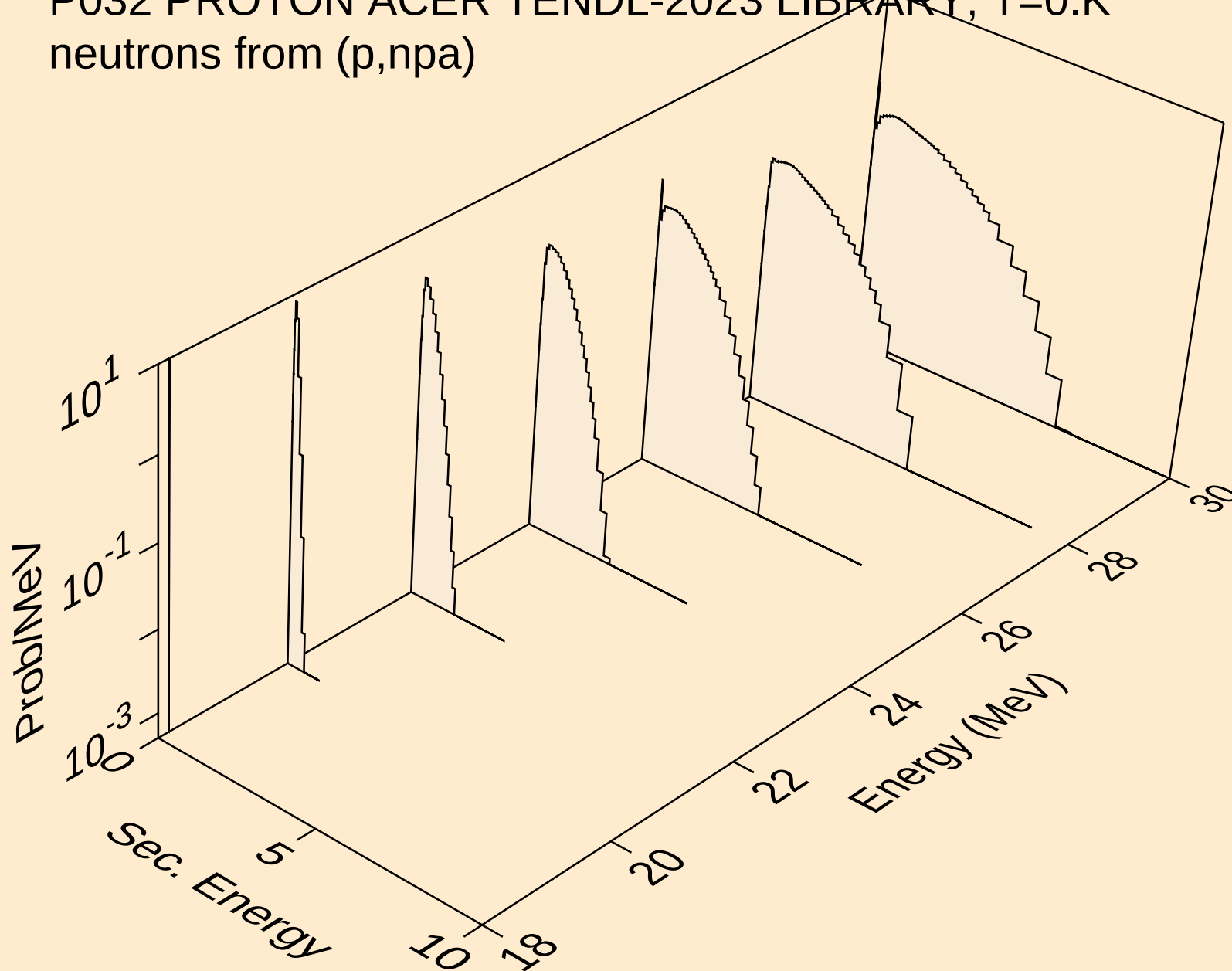
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



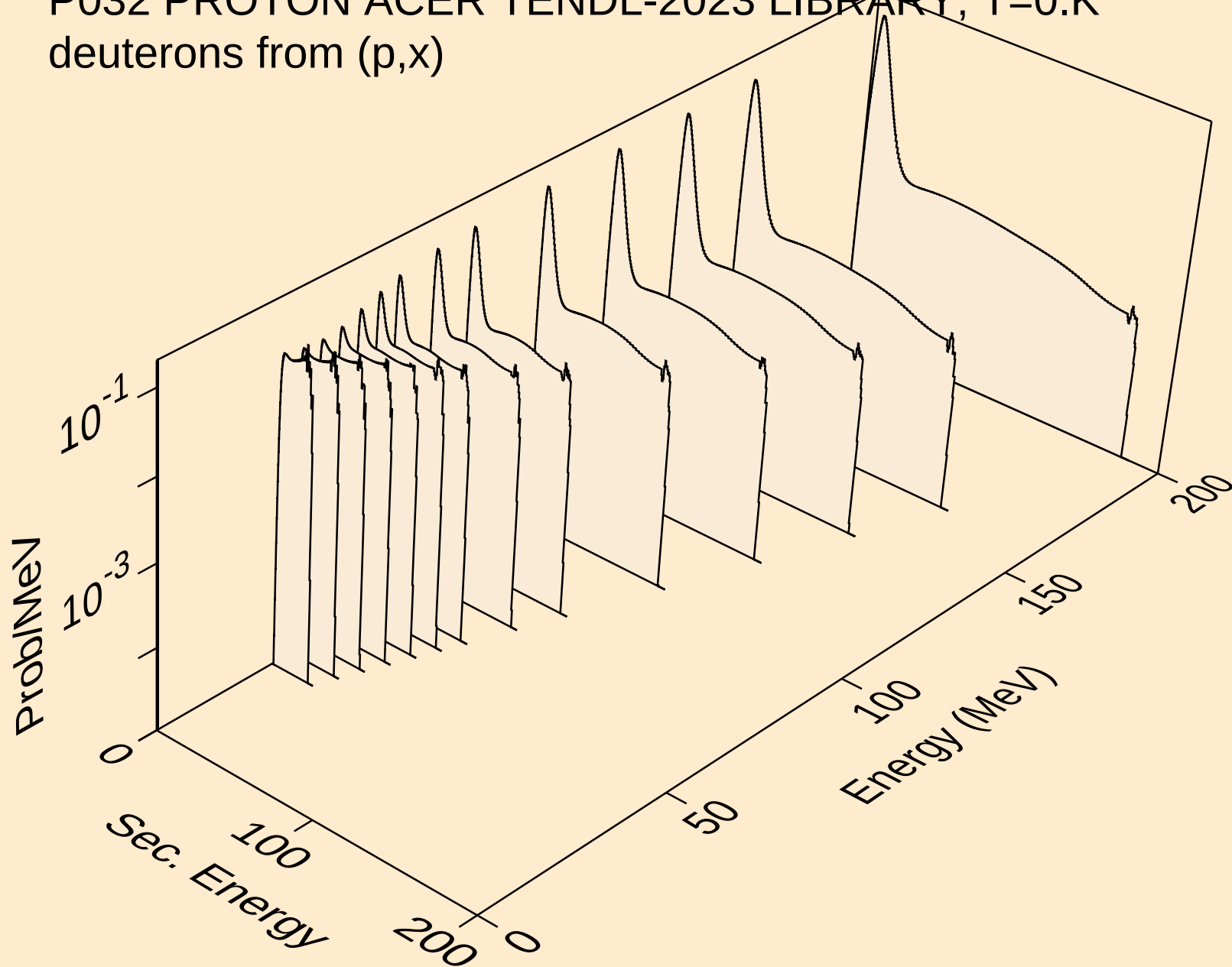
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



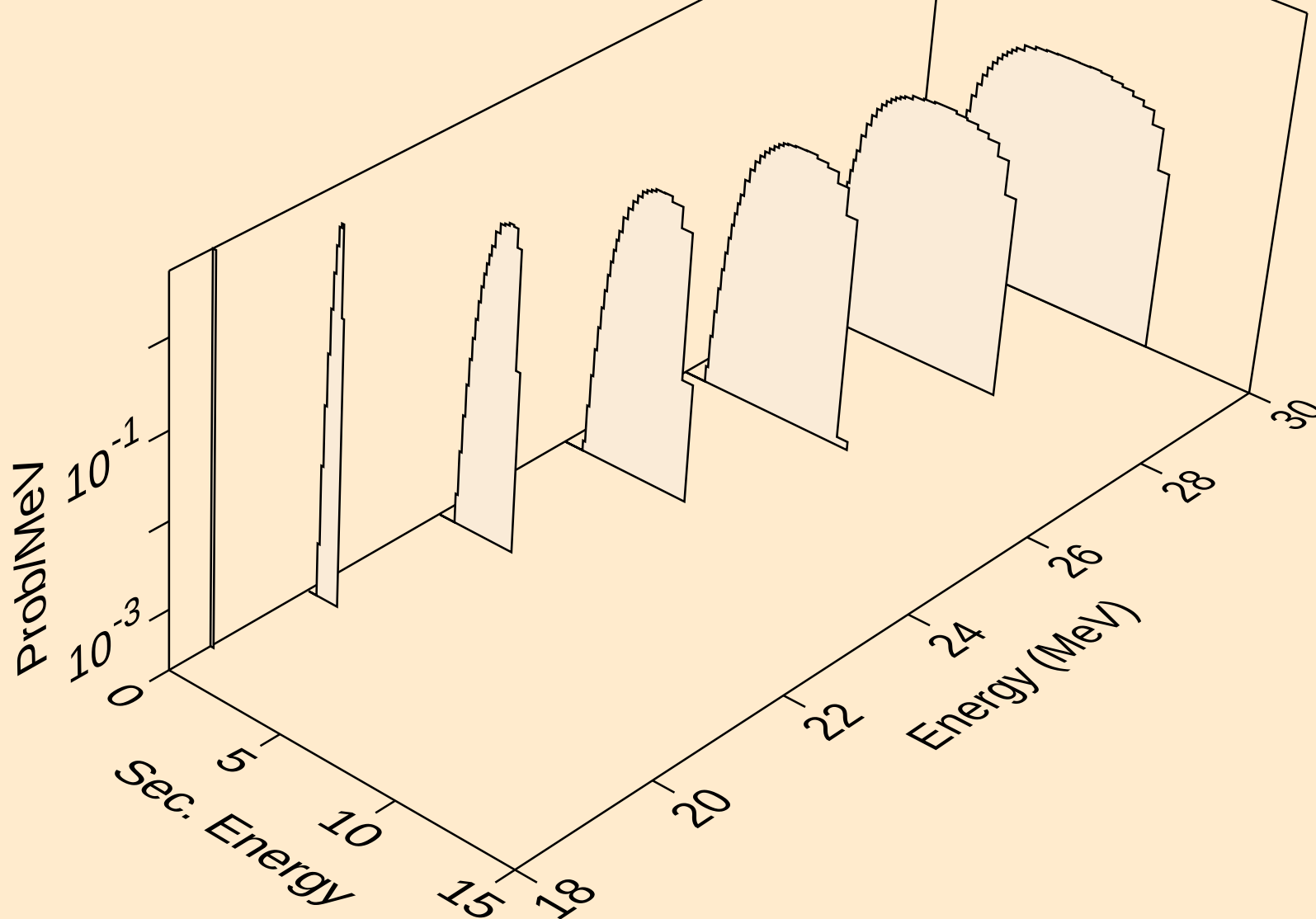
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



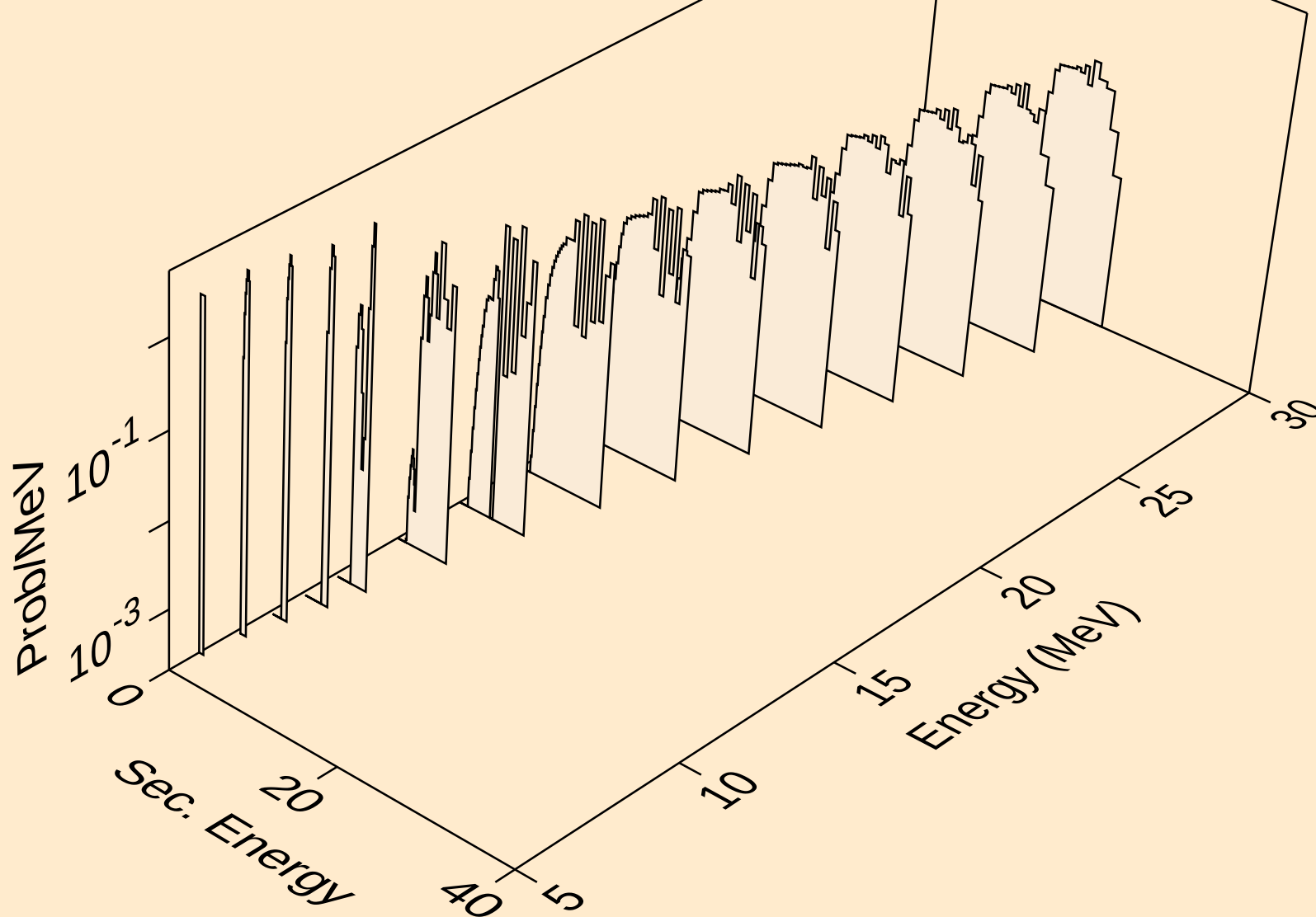
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



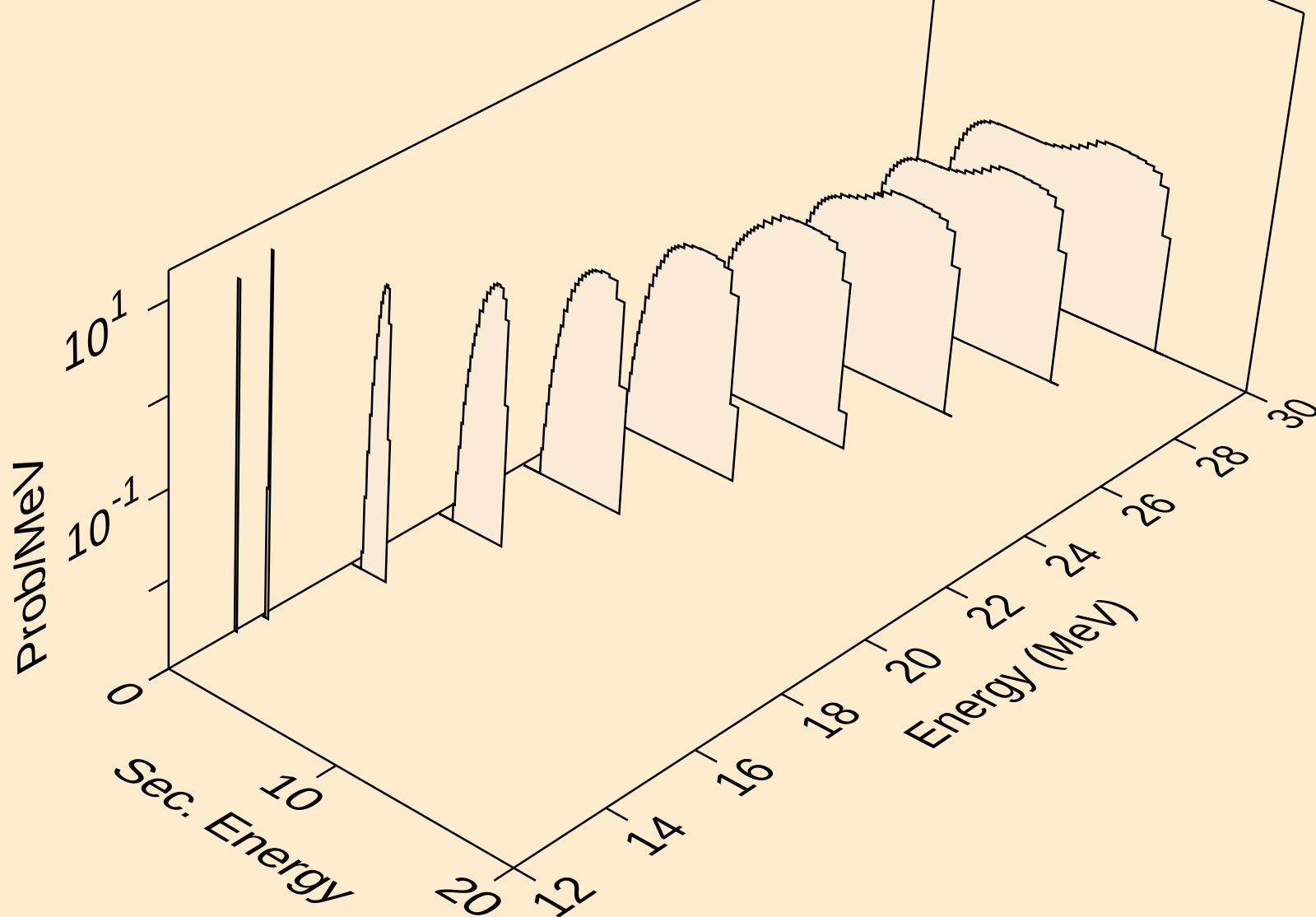
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



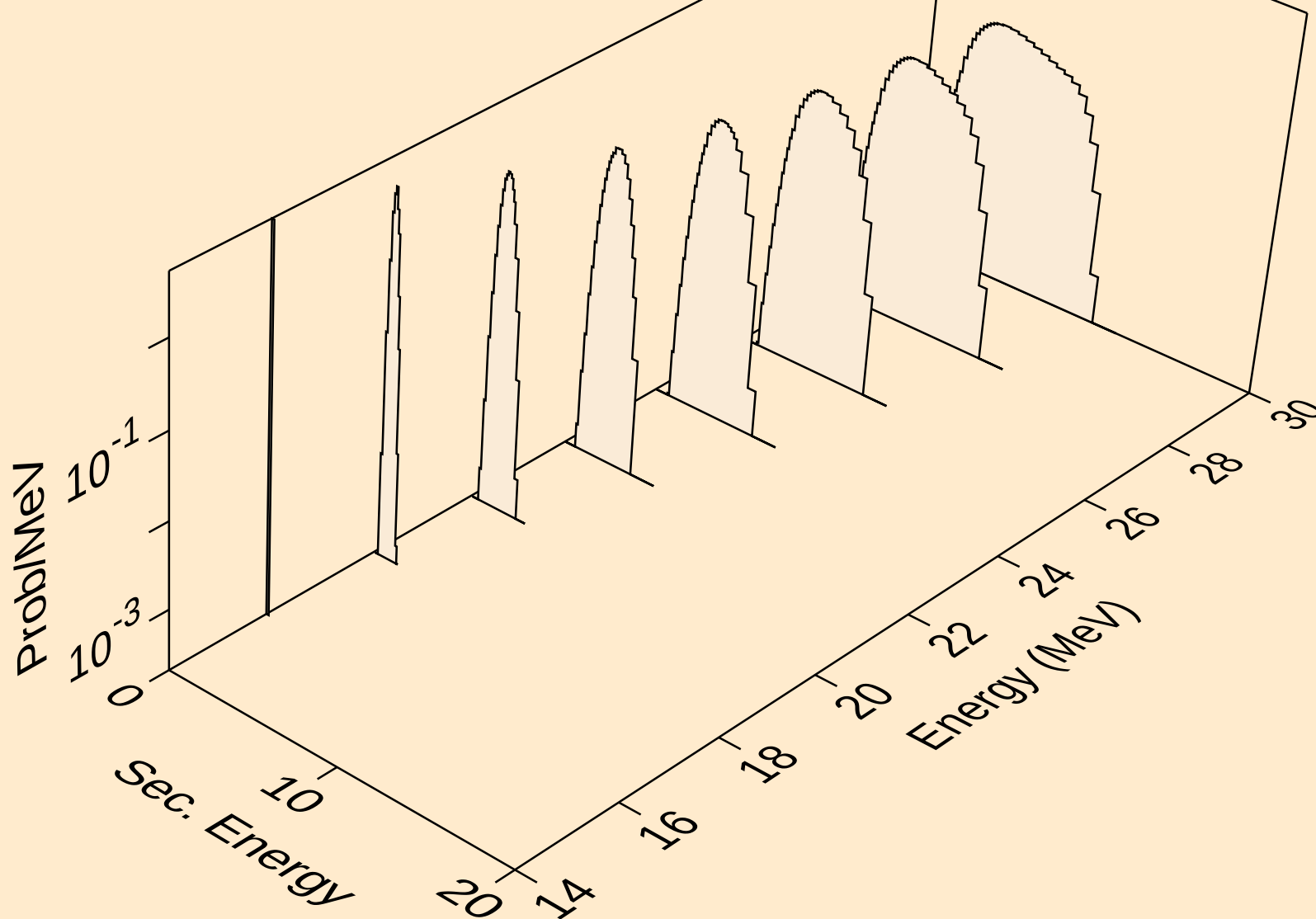
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



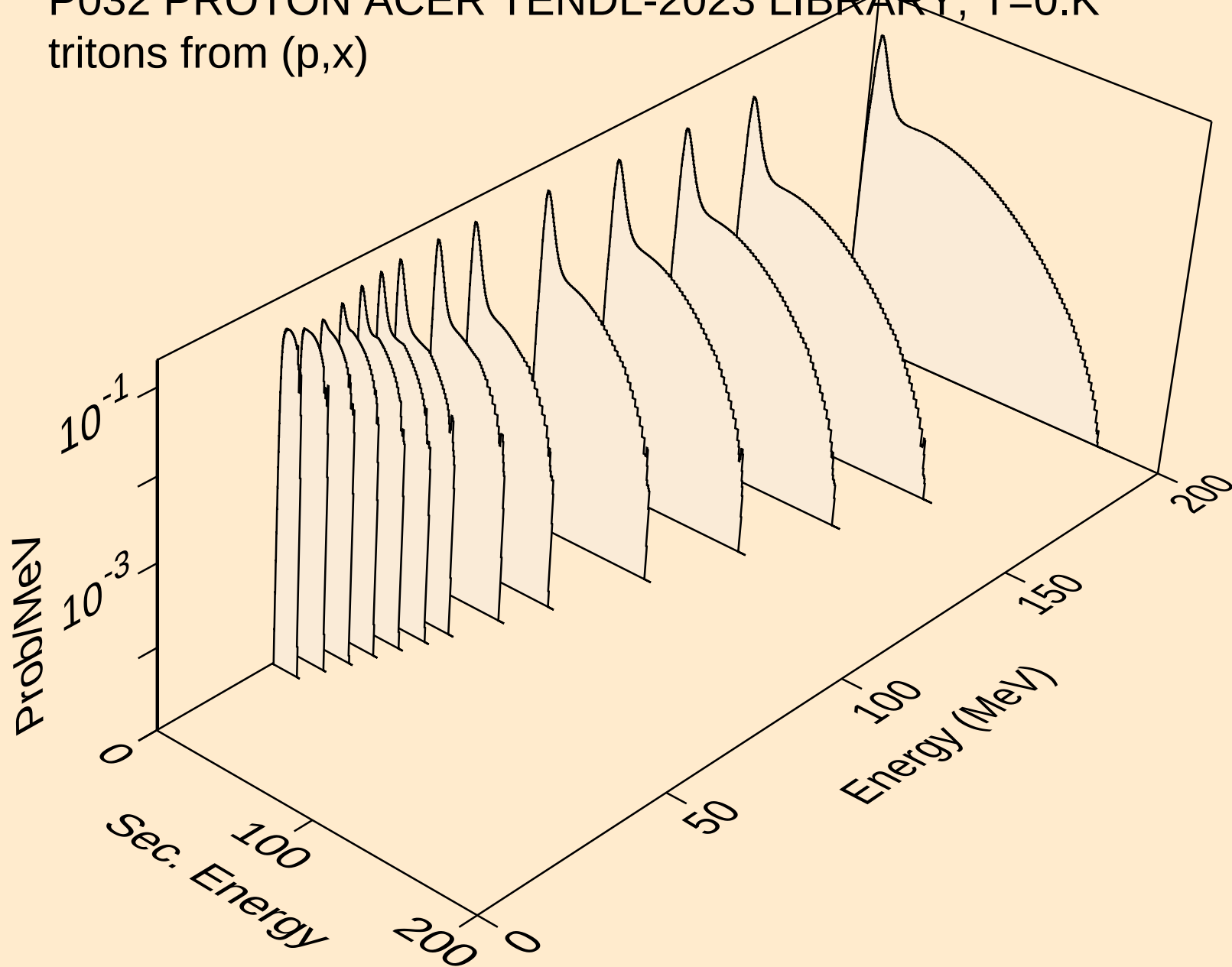
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



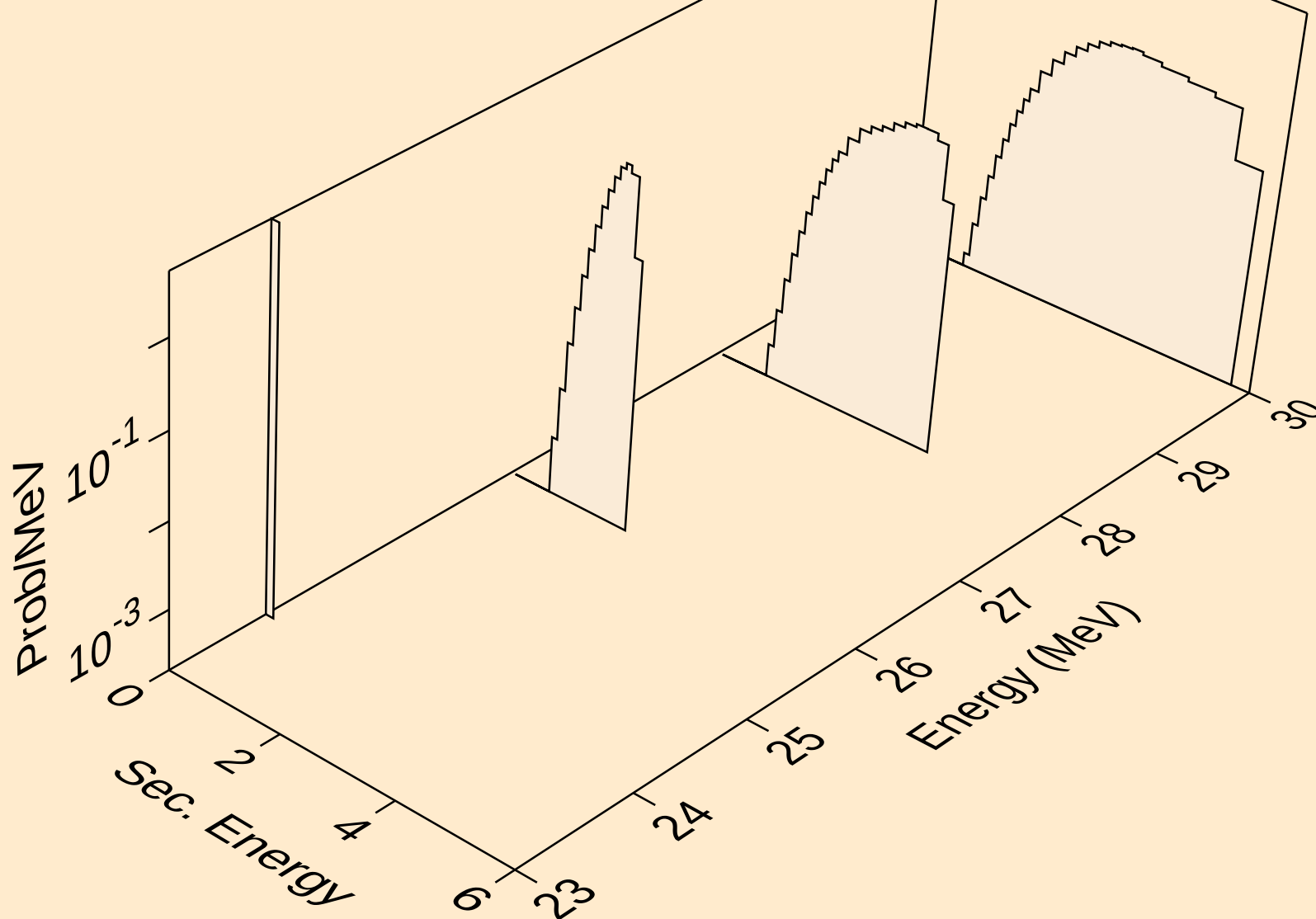
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



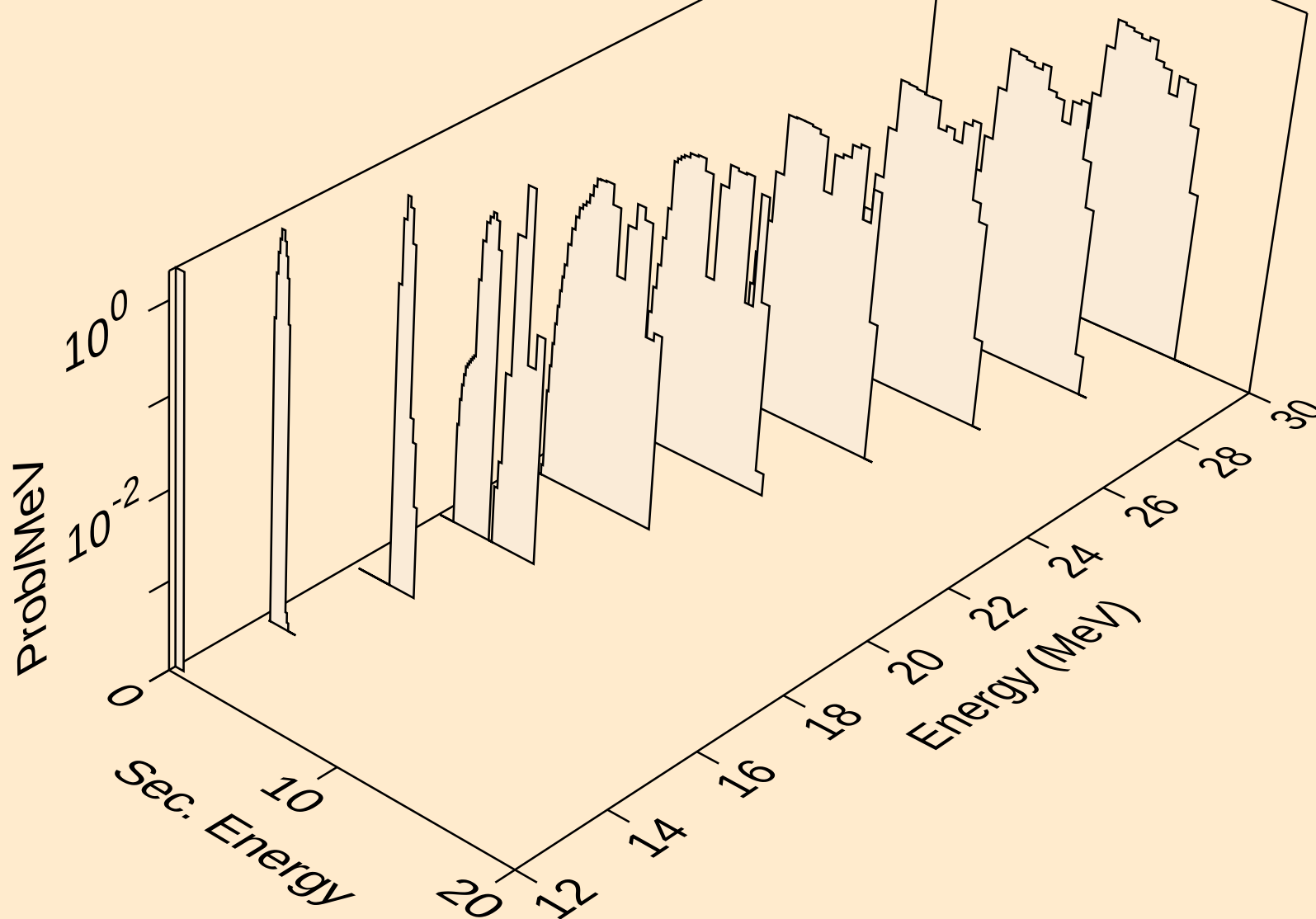
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



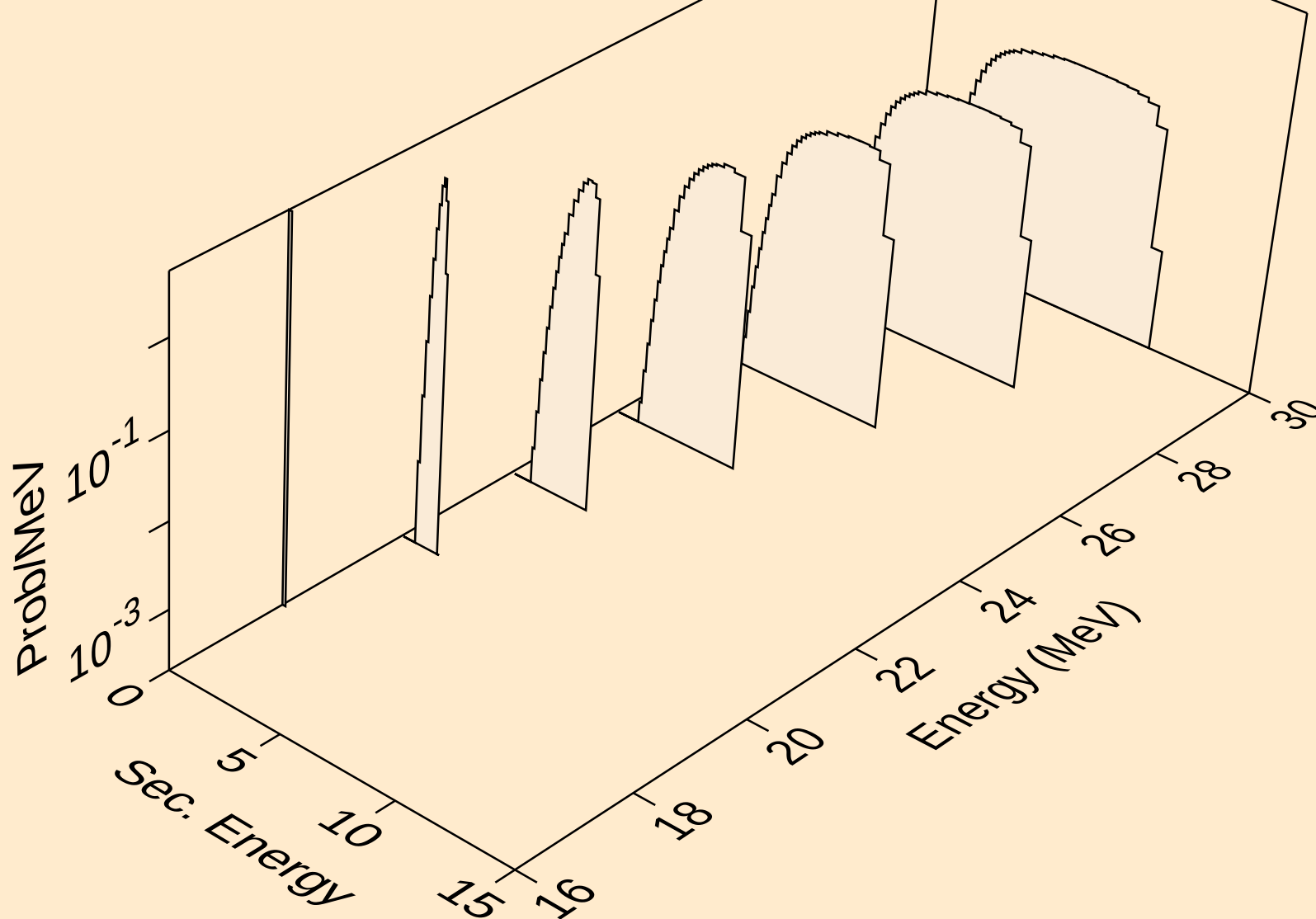
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



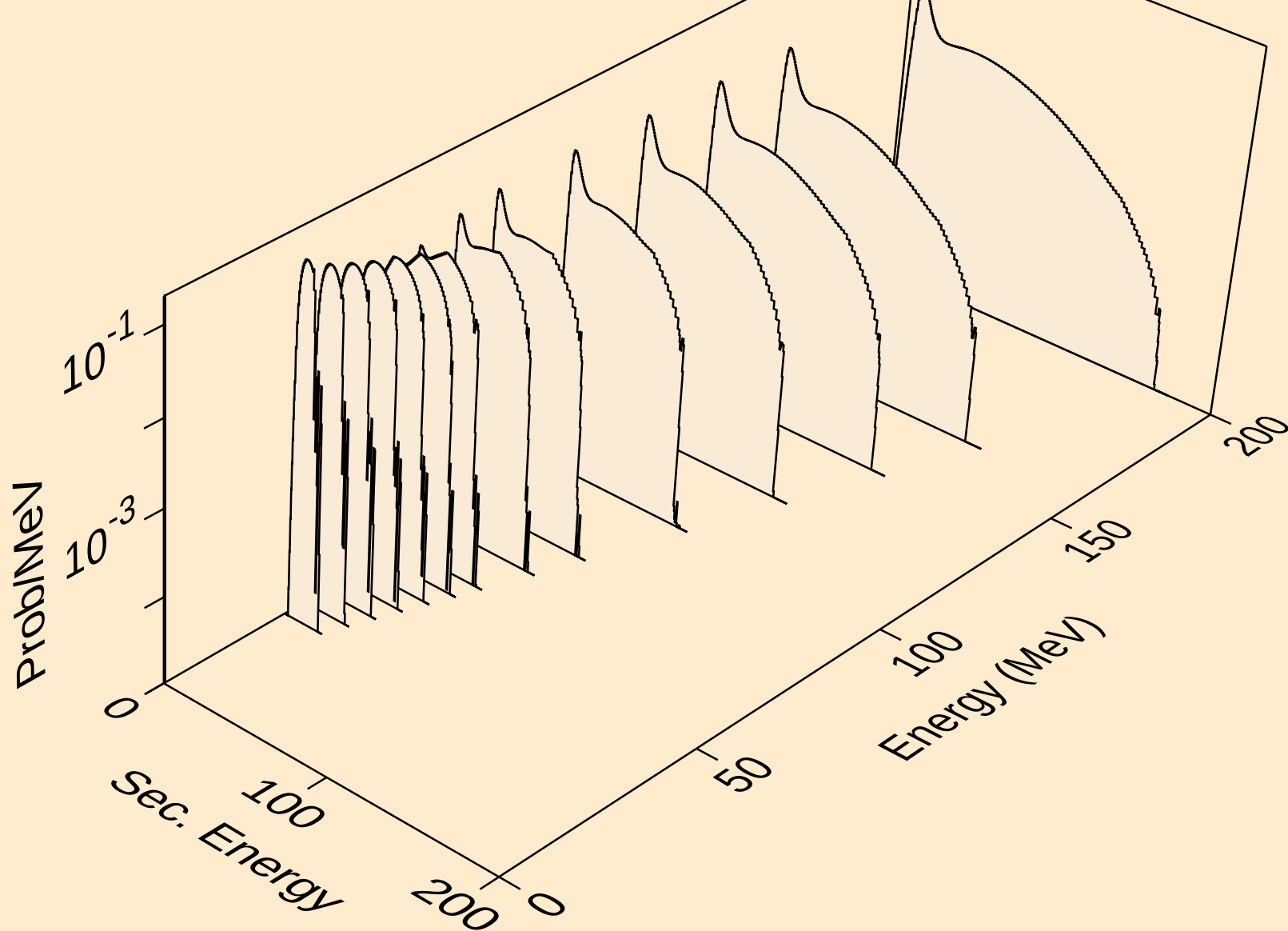
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



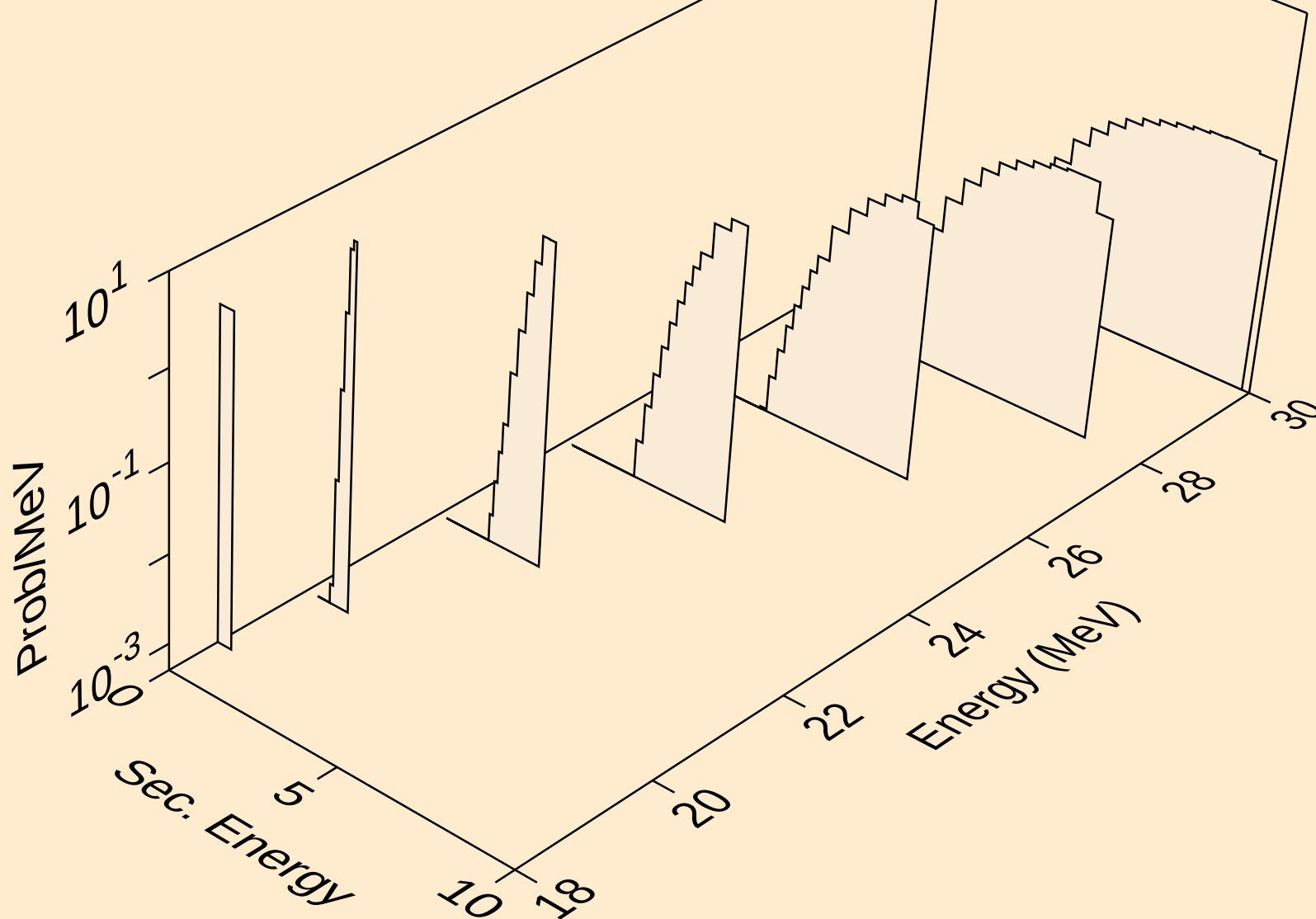
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



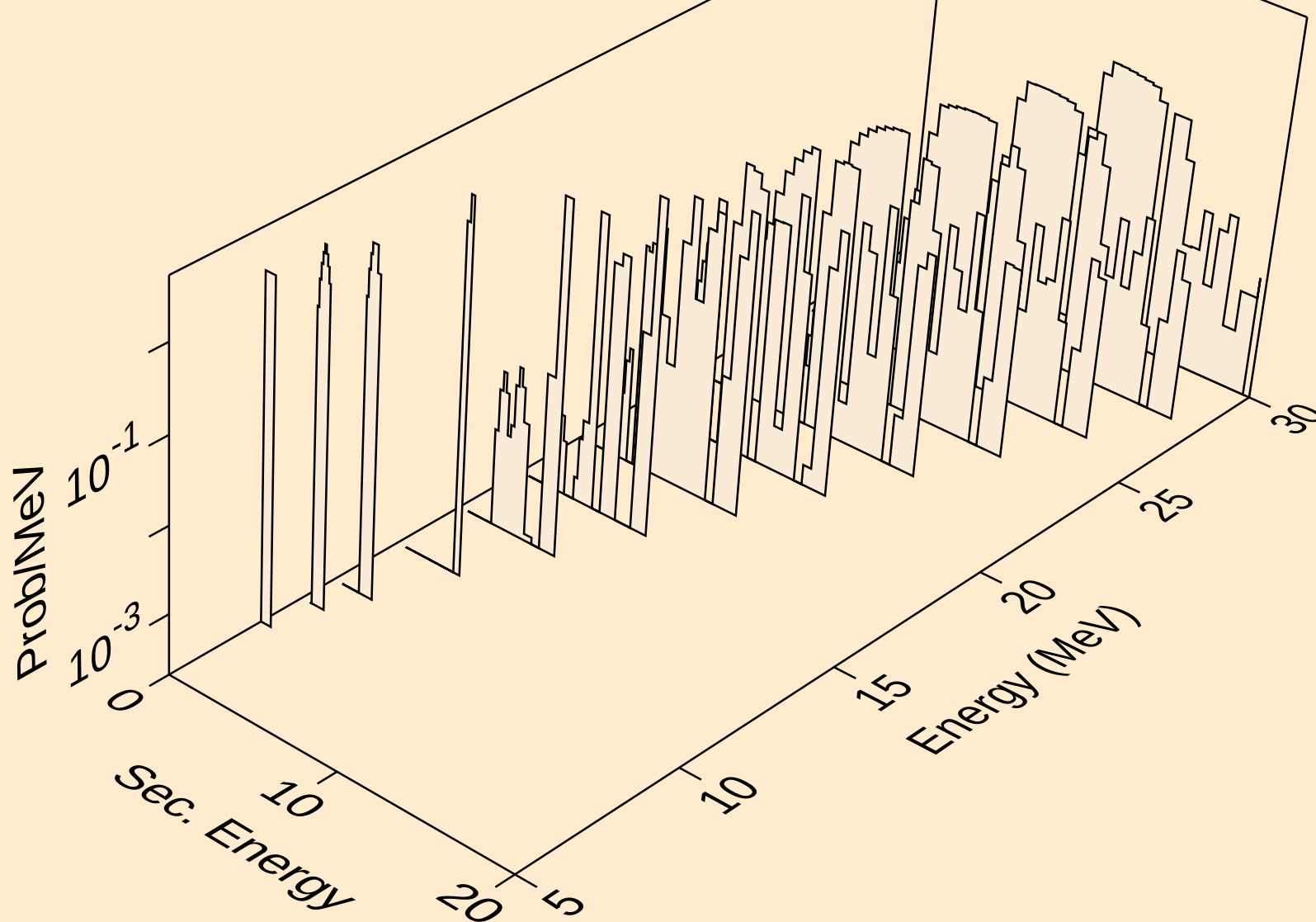
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



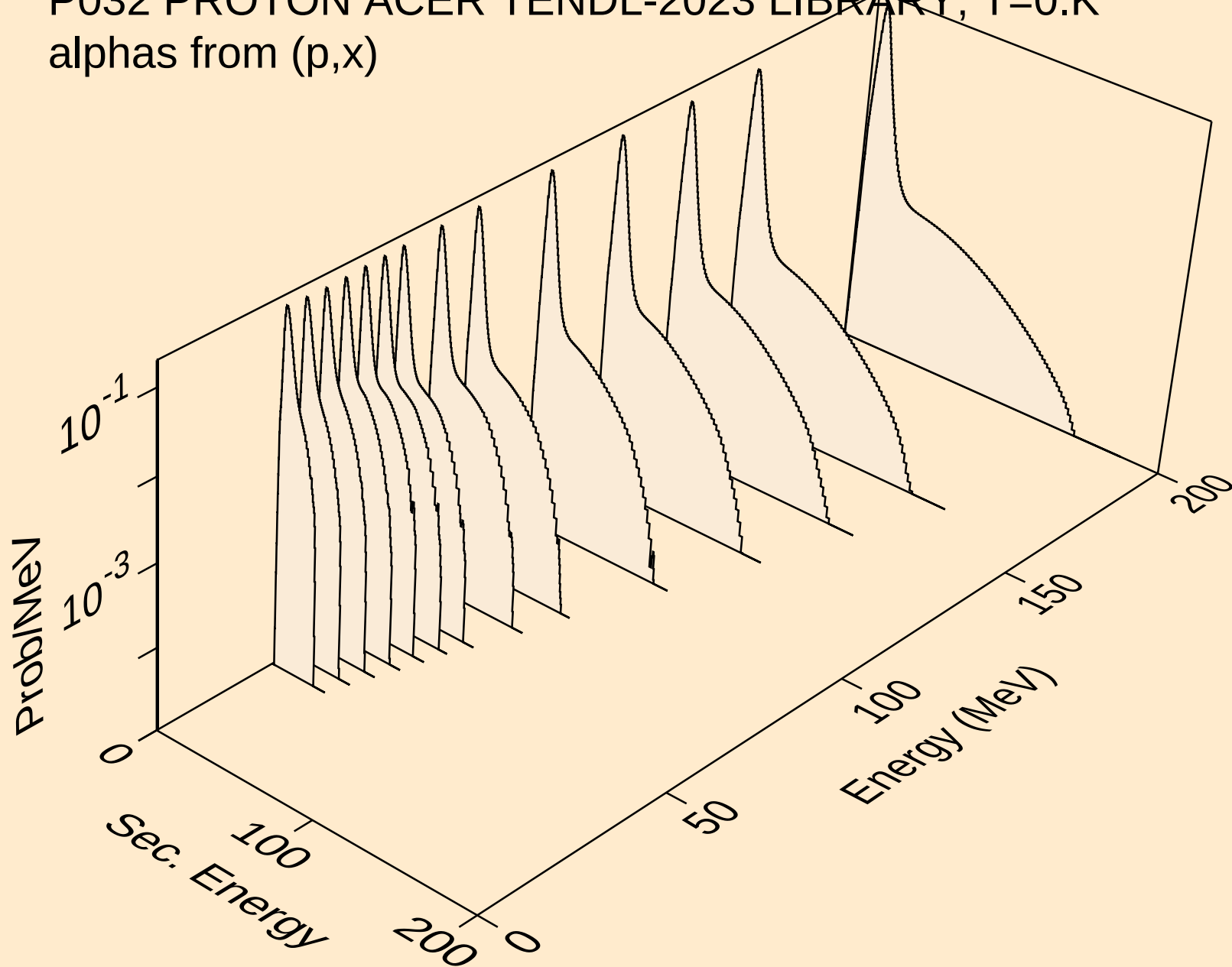
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



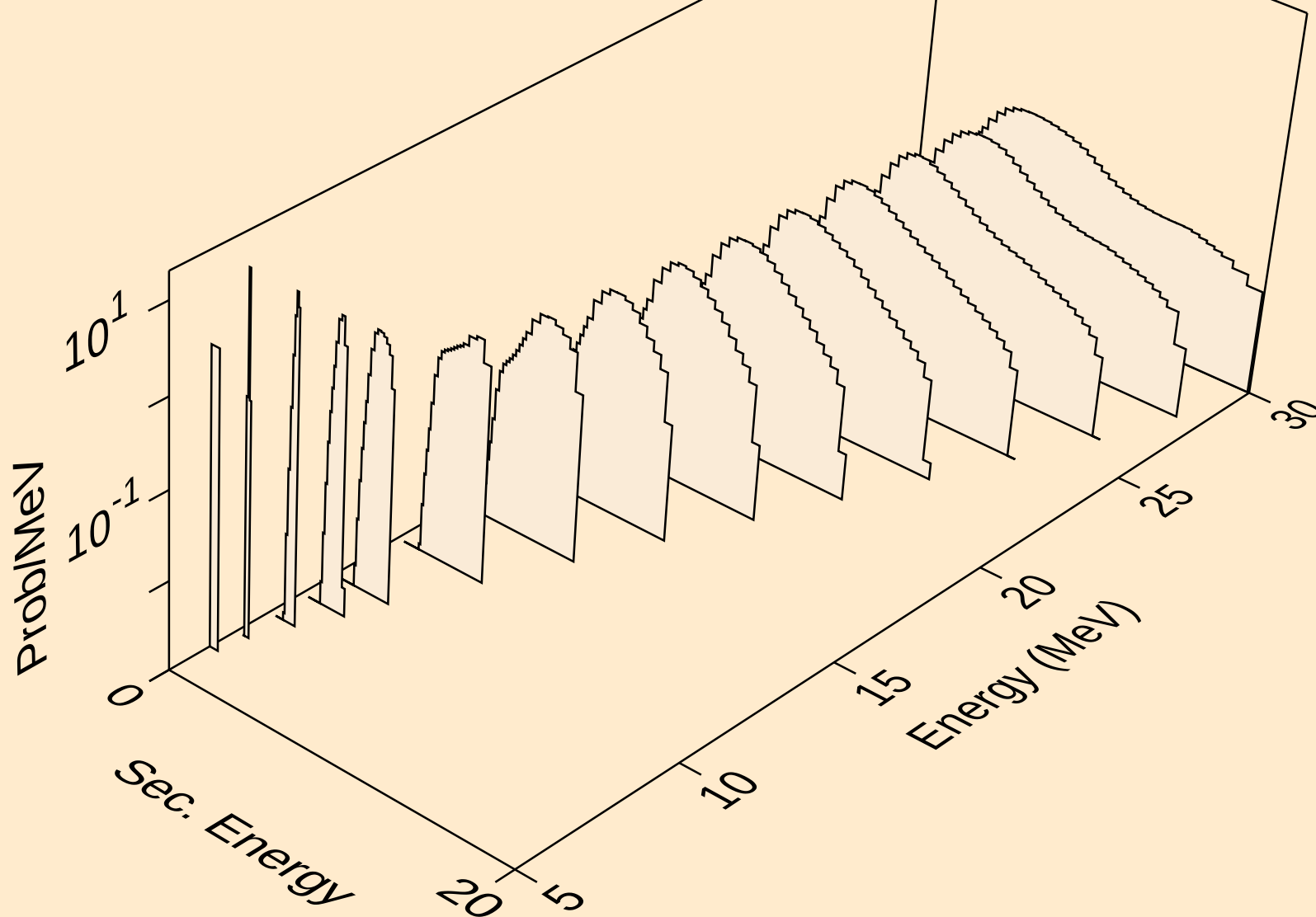
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



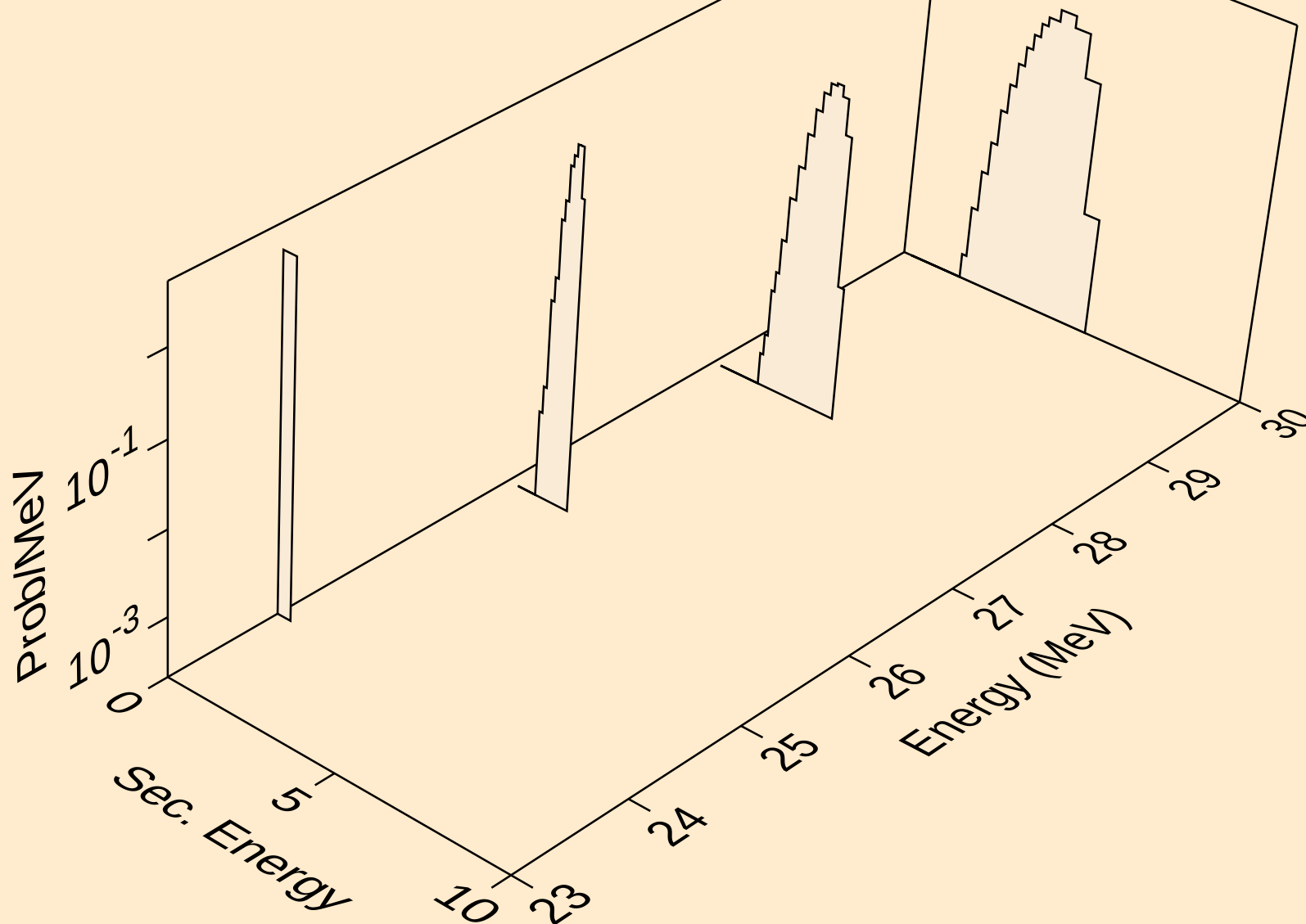
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



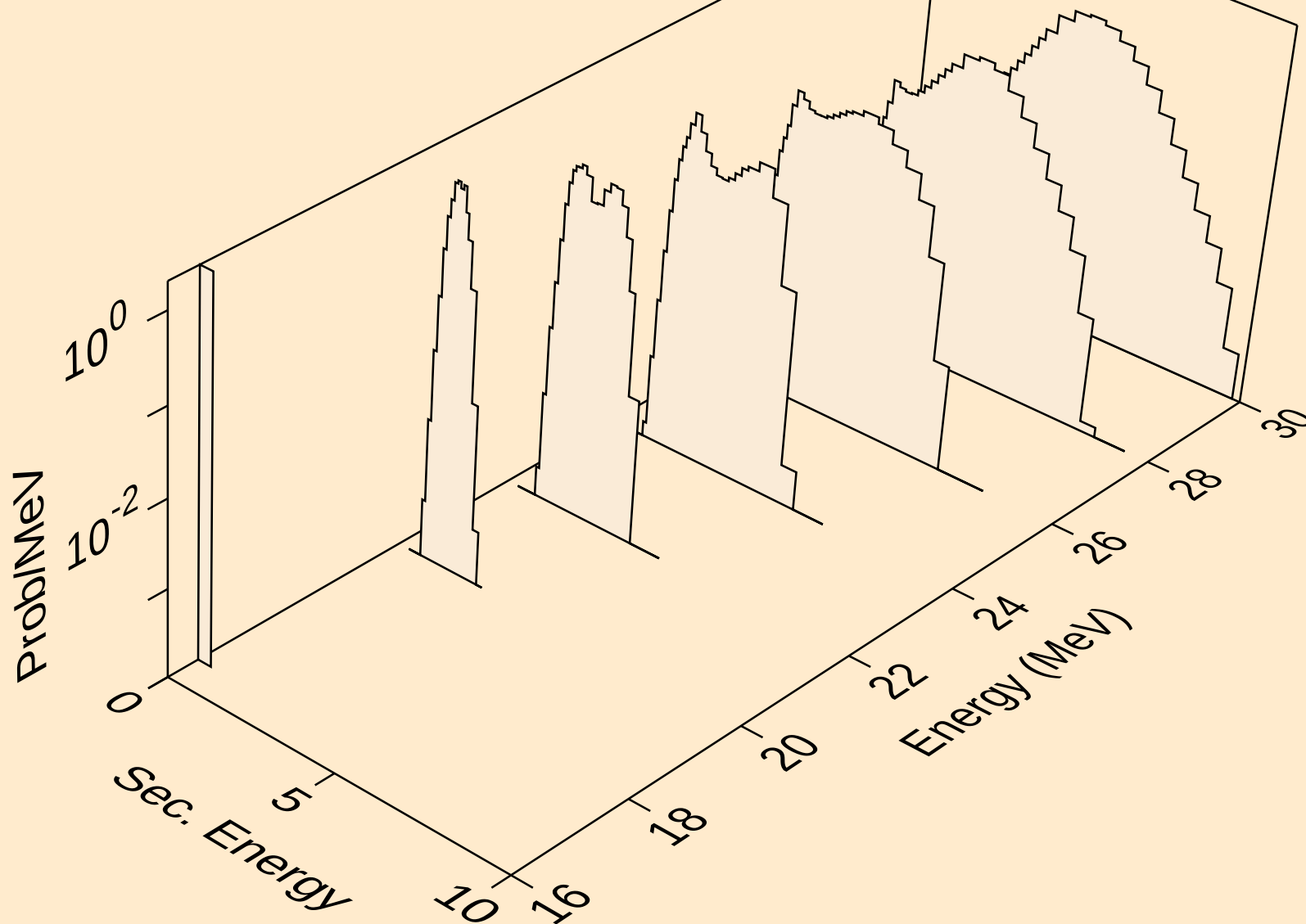
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



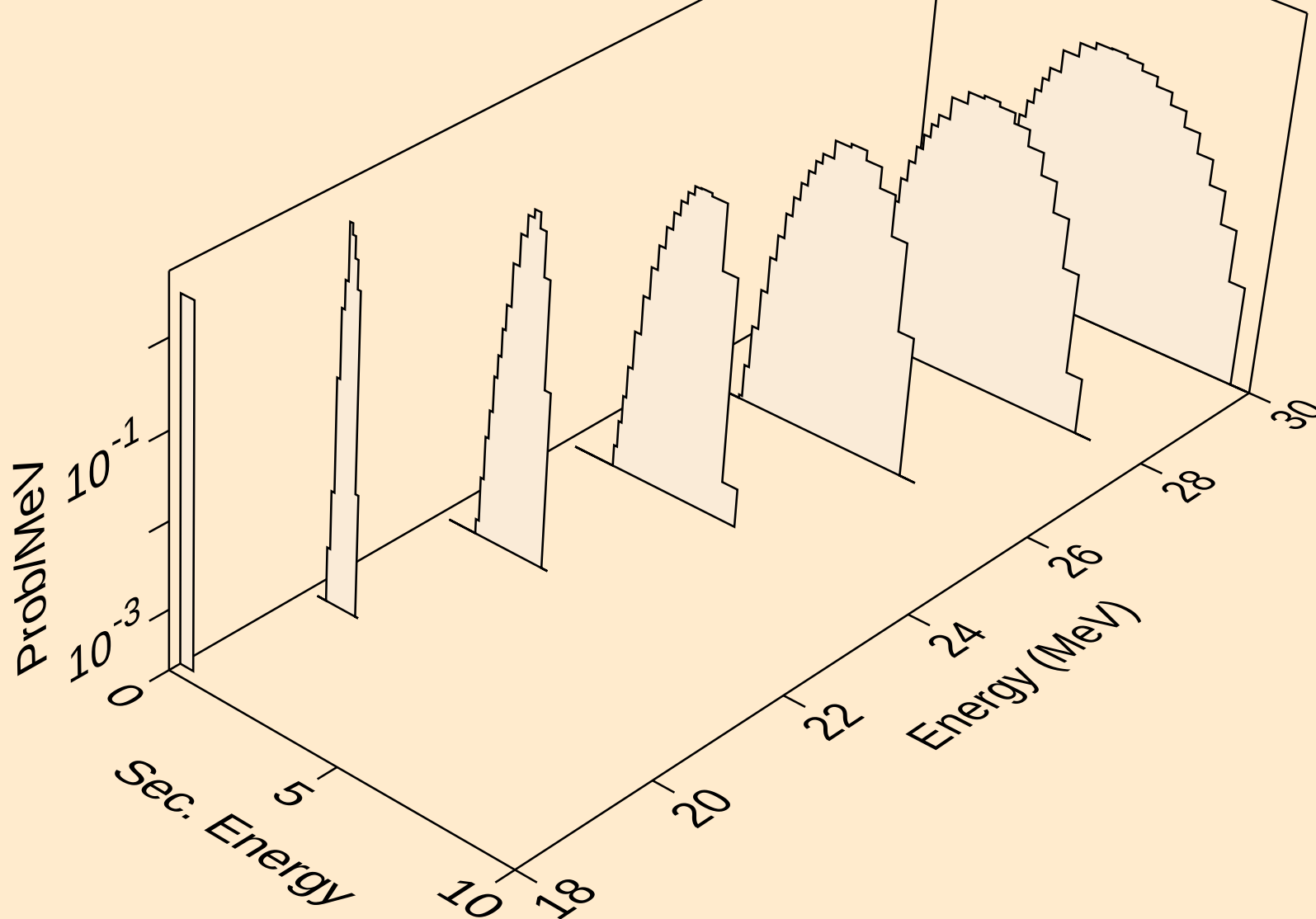
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



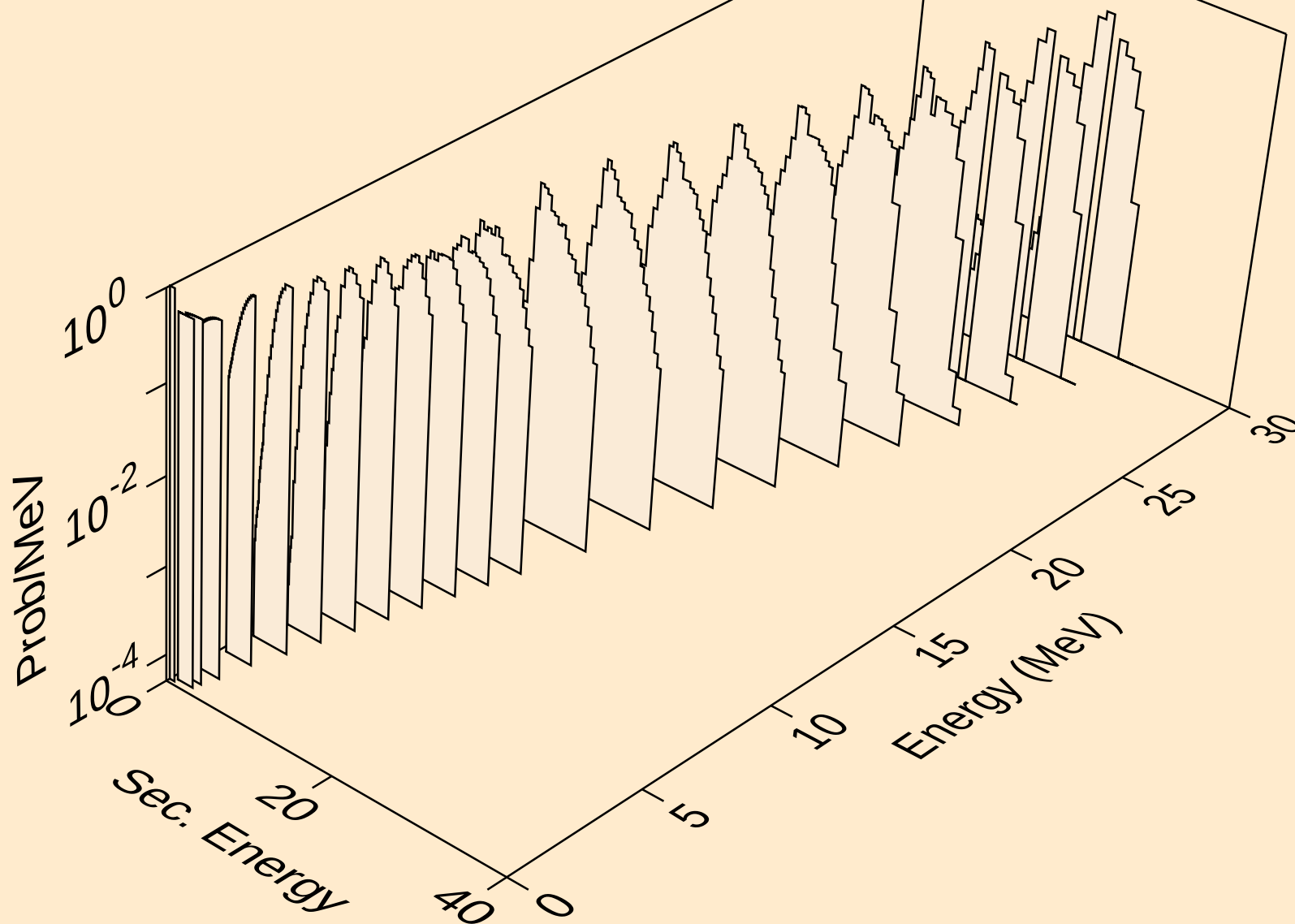
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



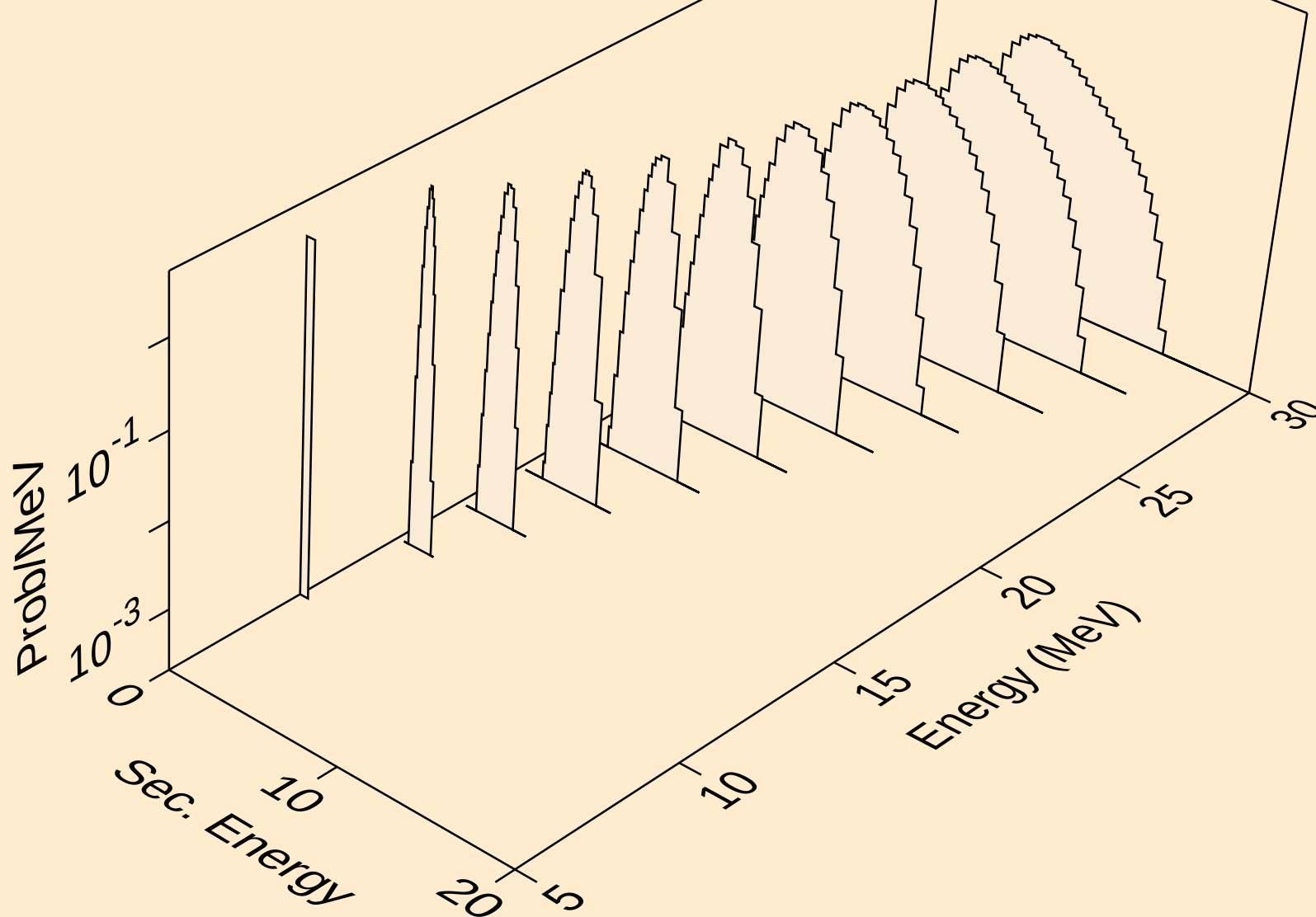
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



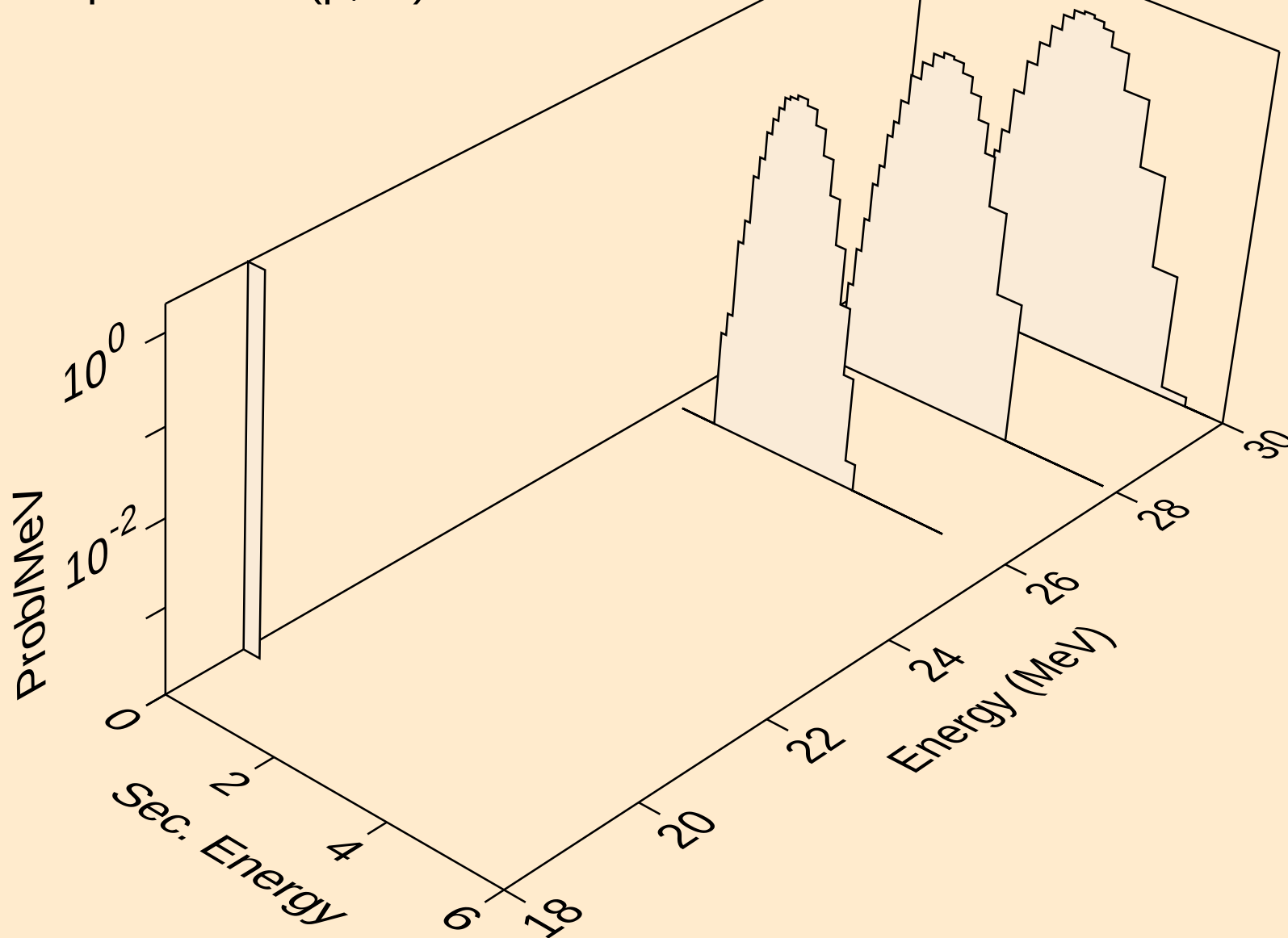
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



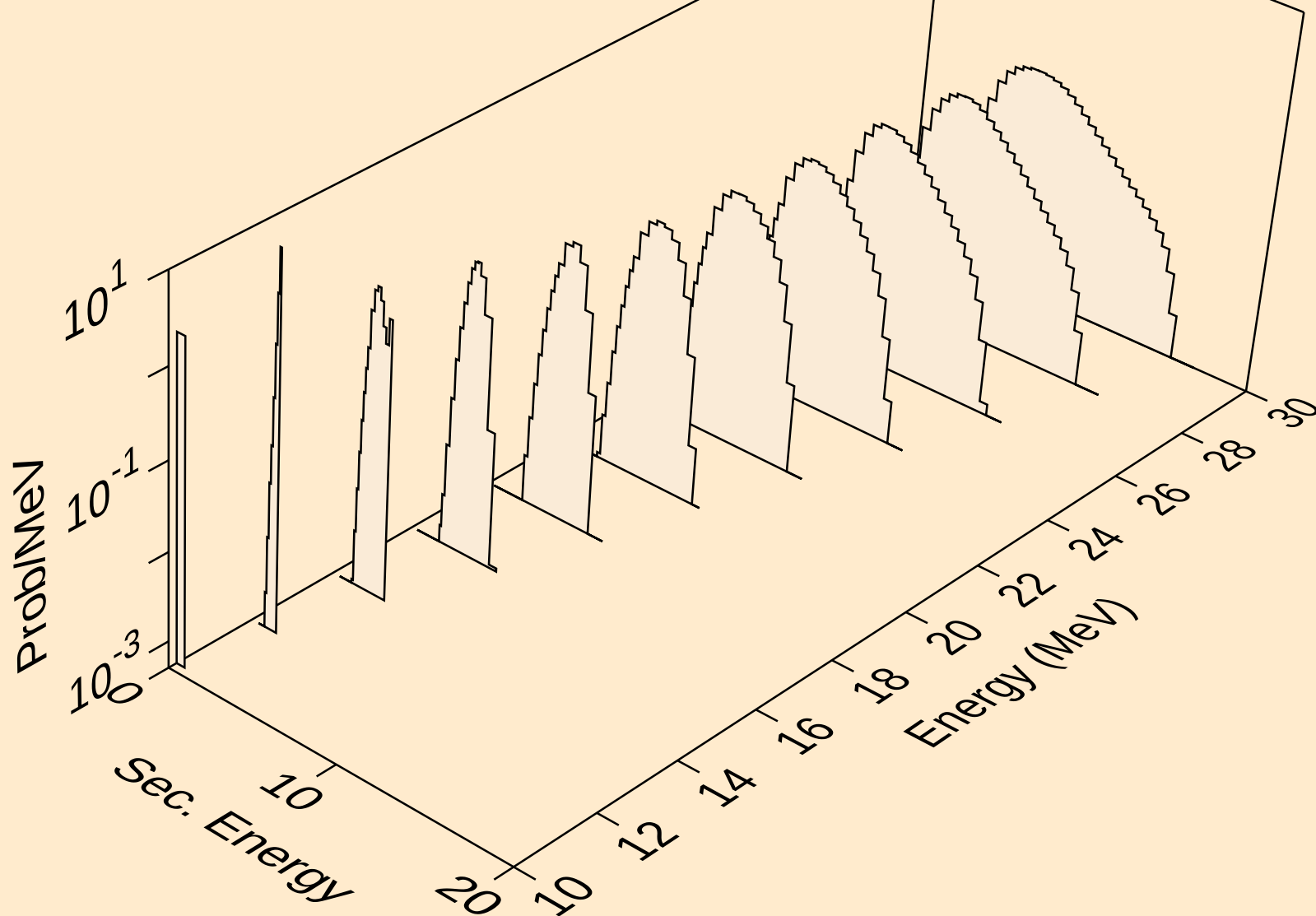
P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



P032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

