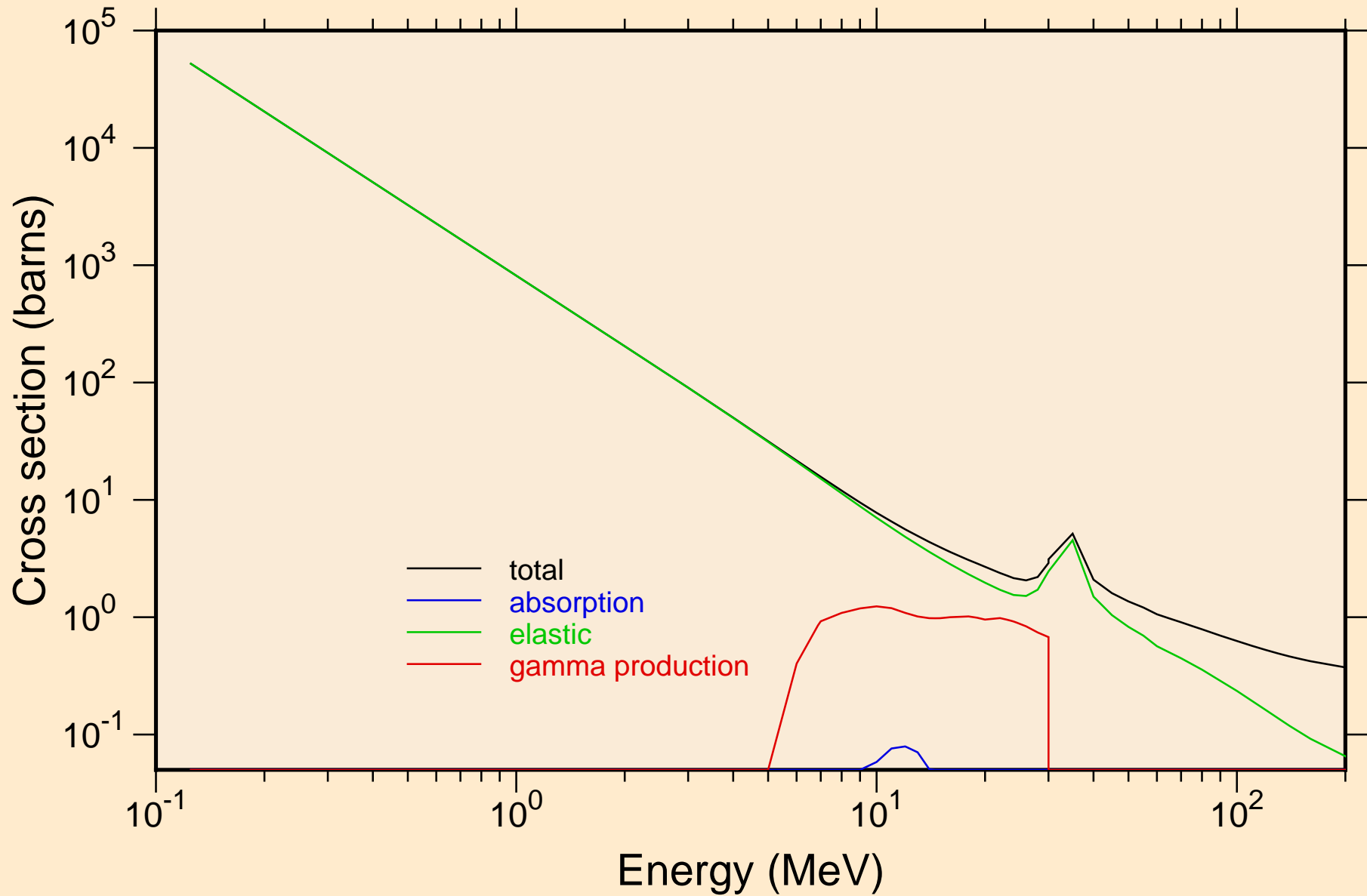


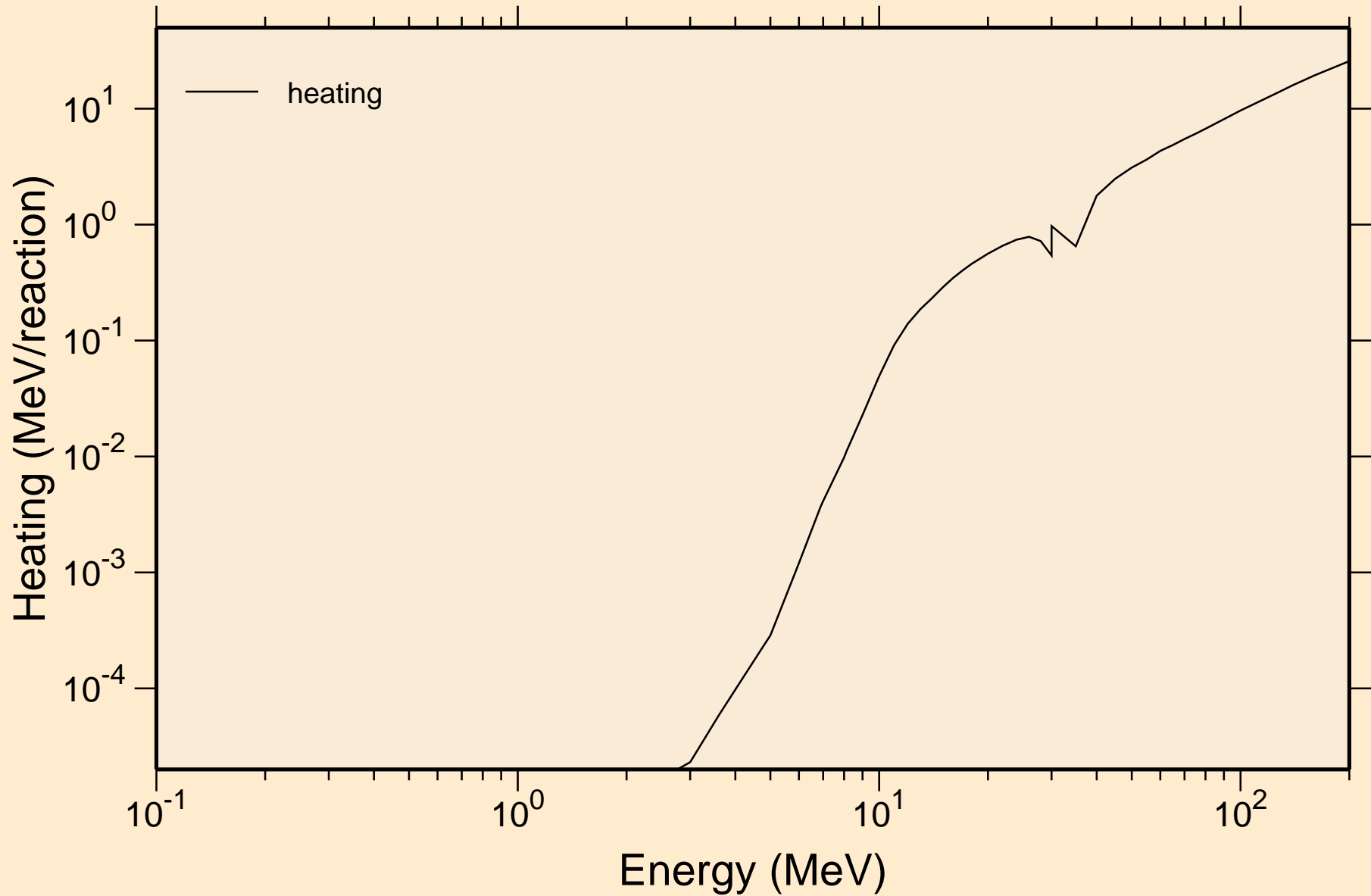
# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



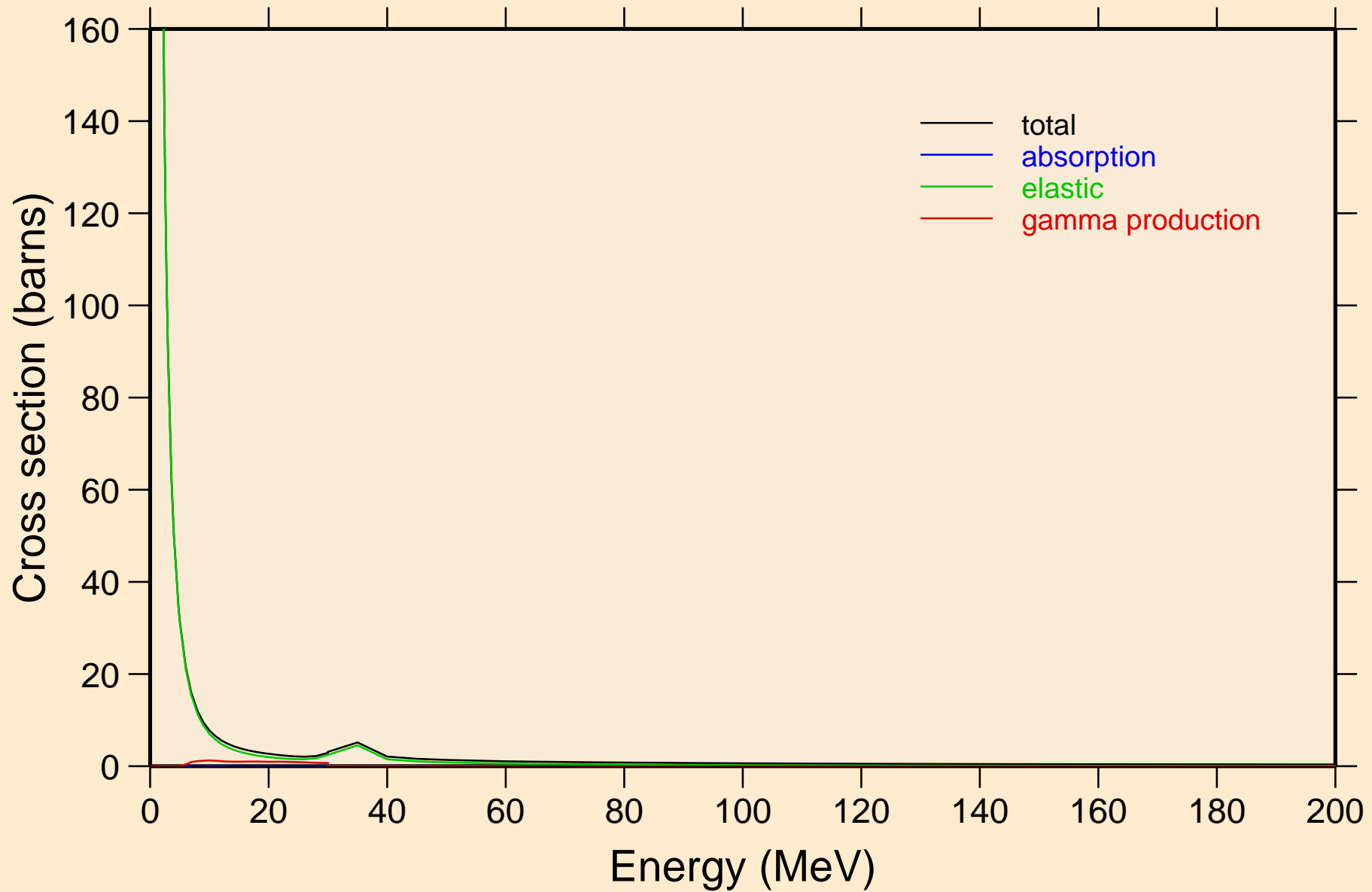
# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



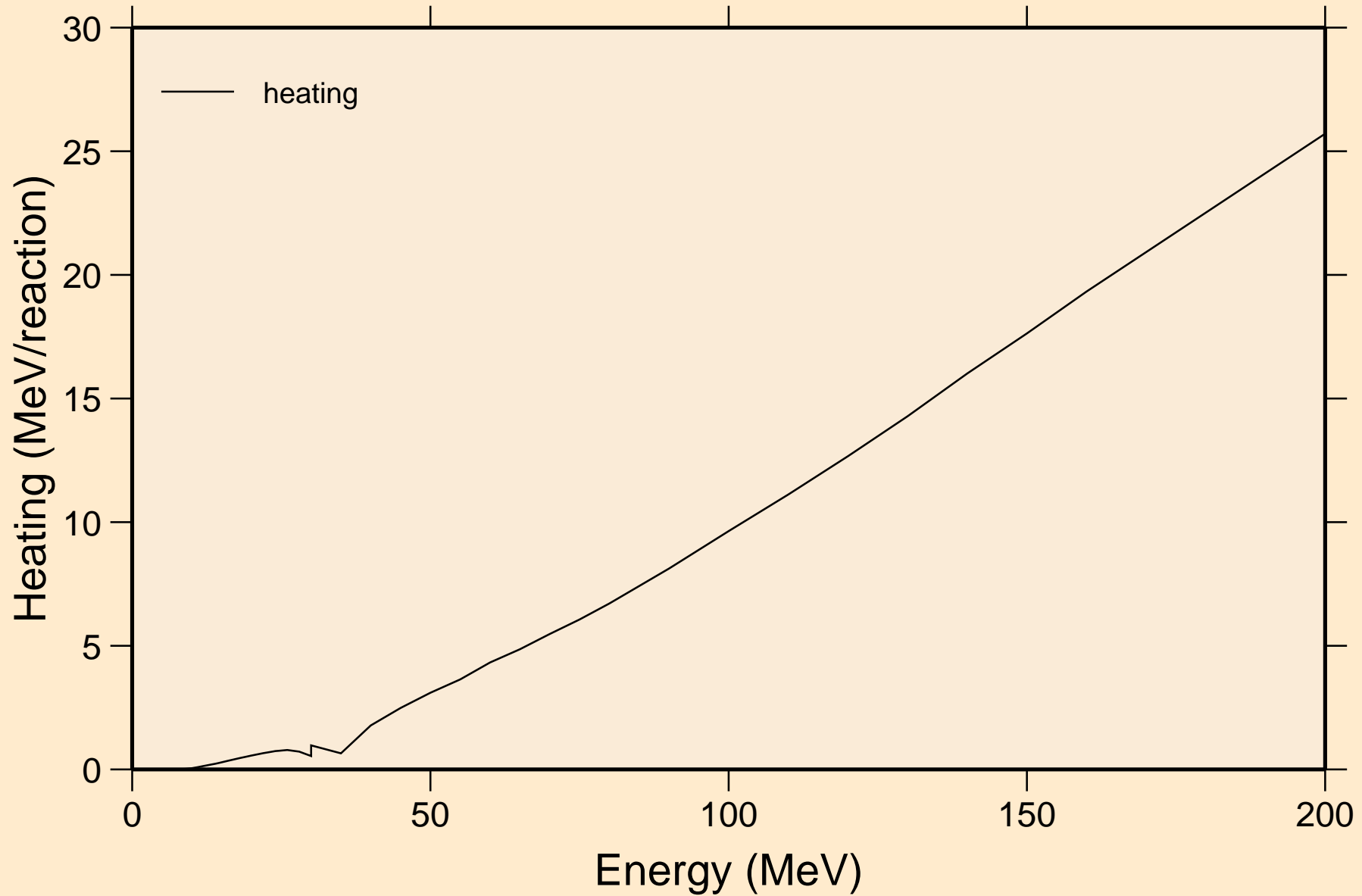
# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



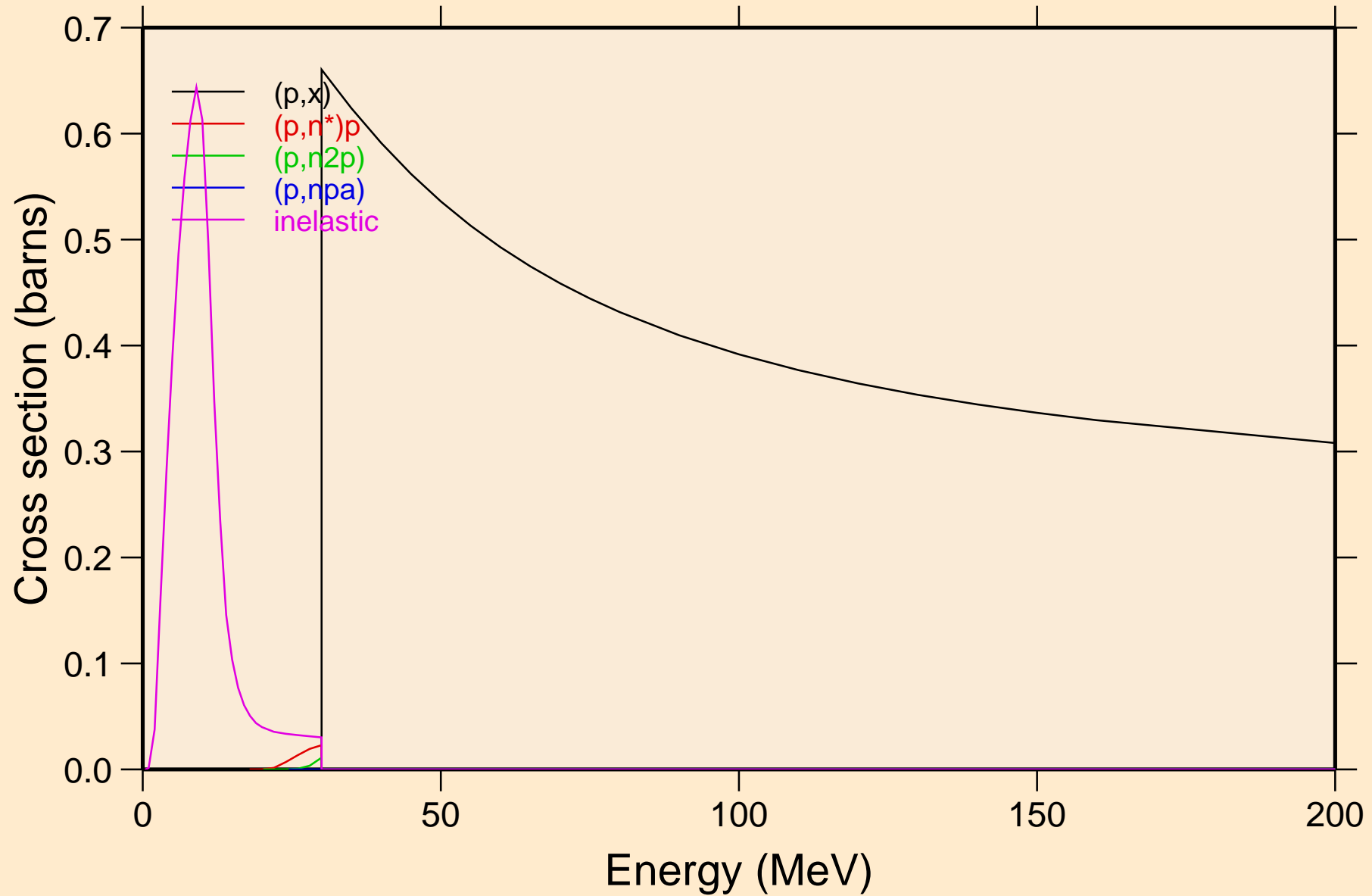
# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

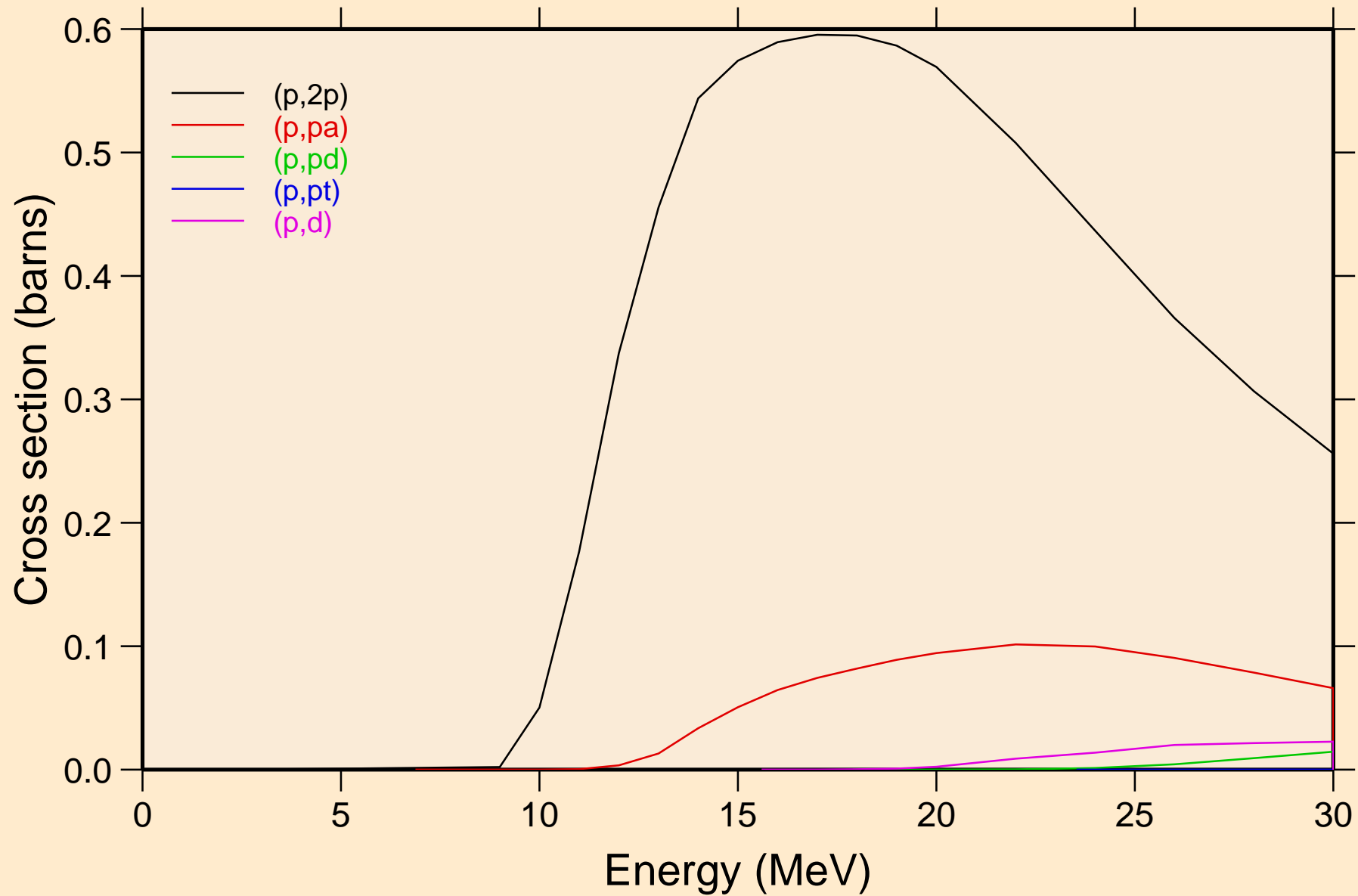


# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

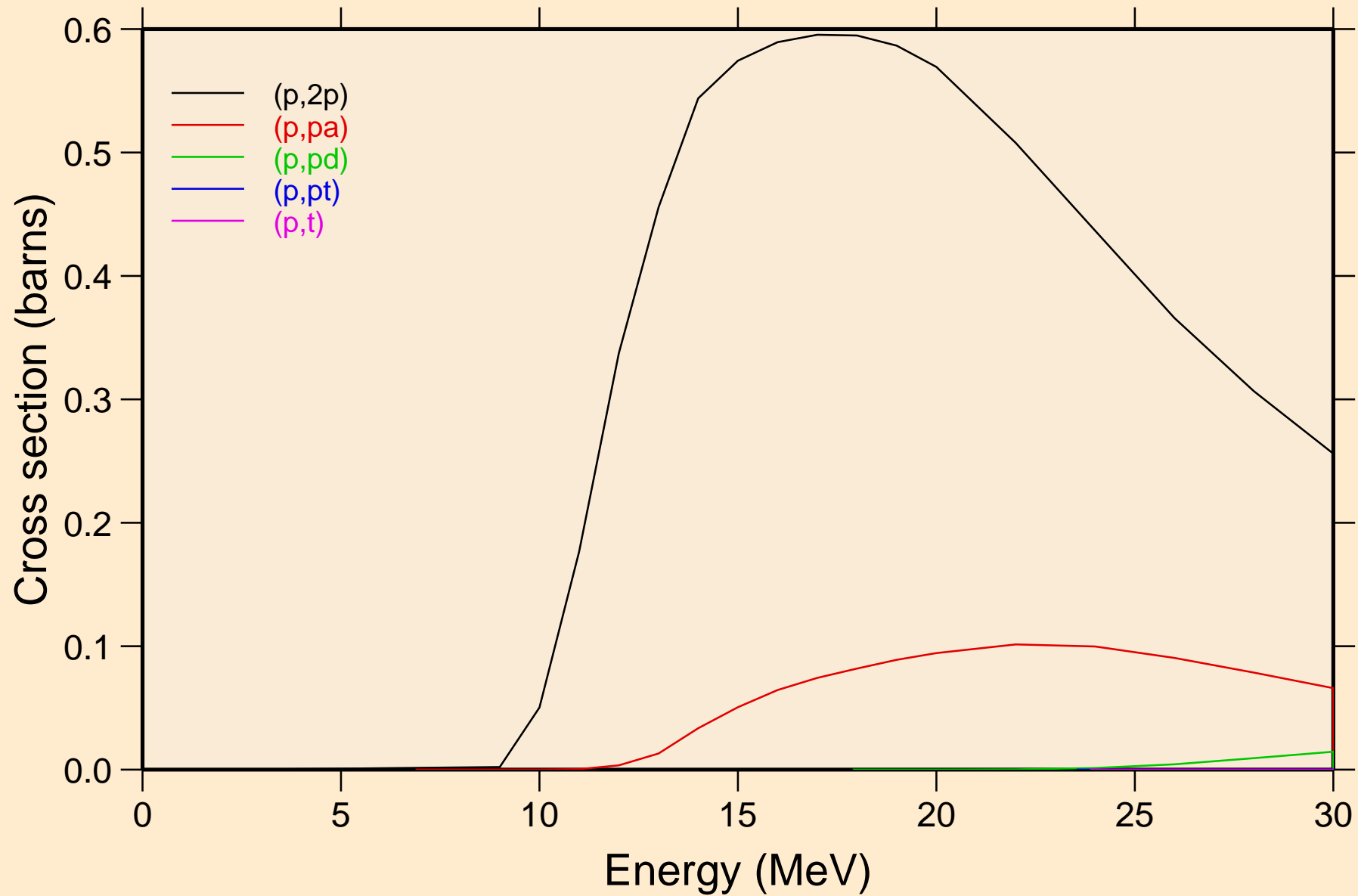
## Threshold reactions



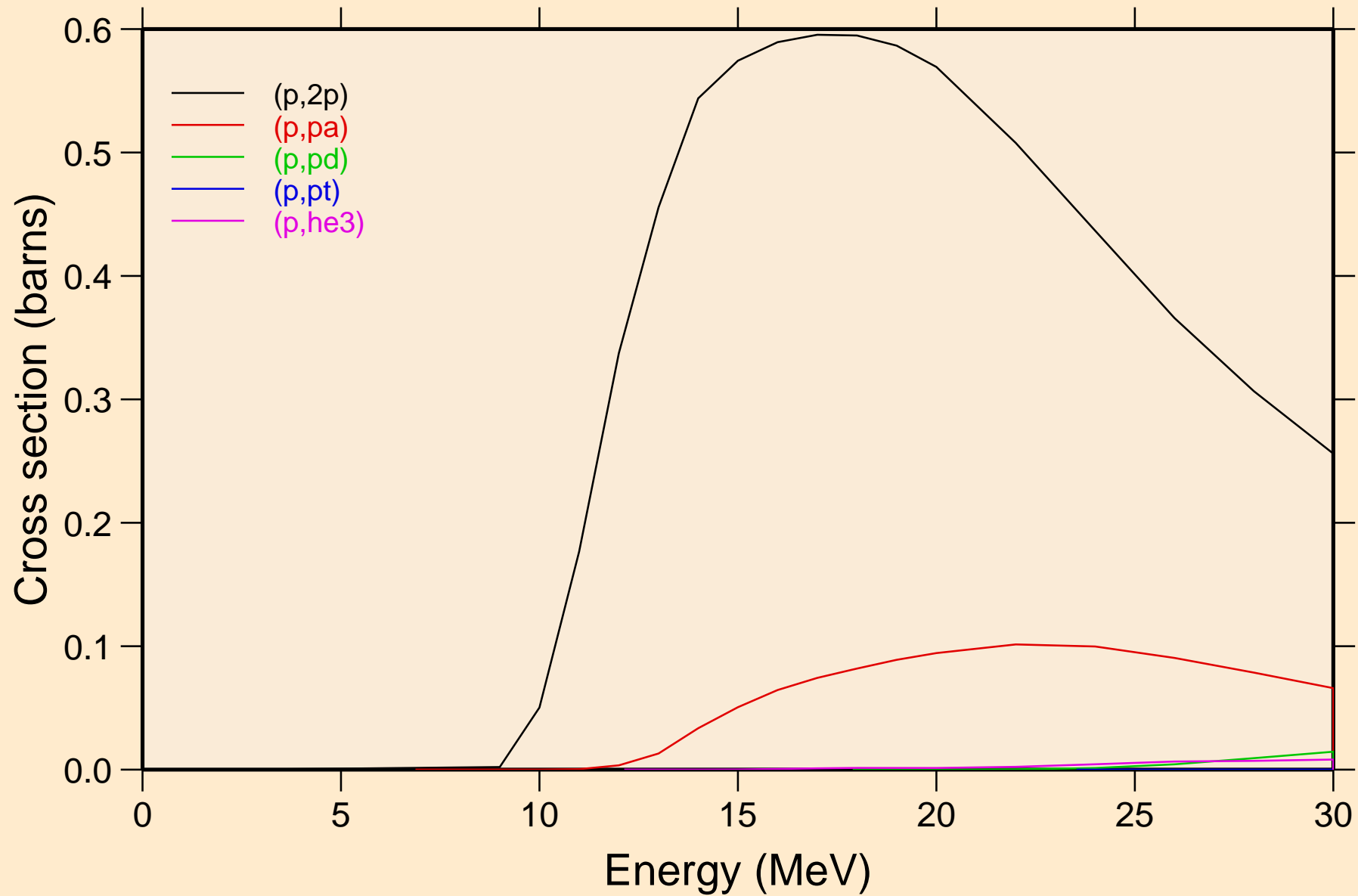
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

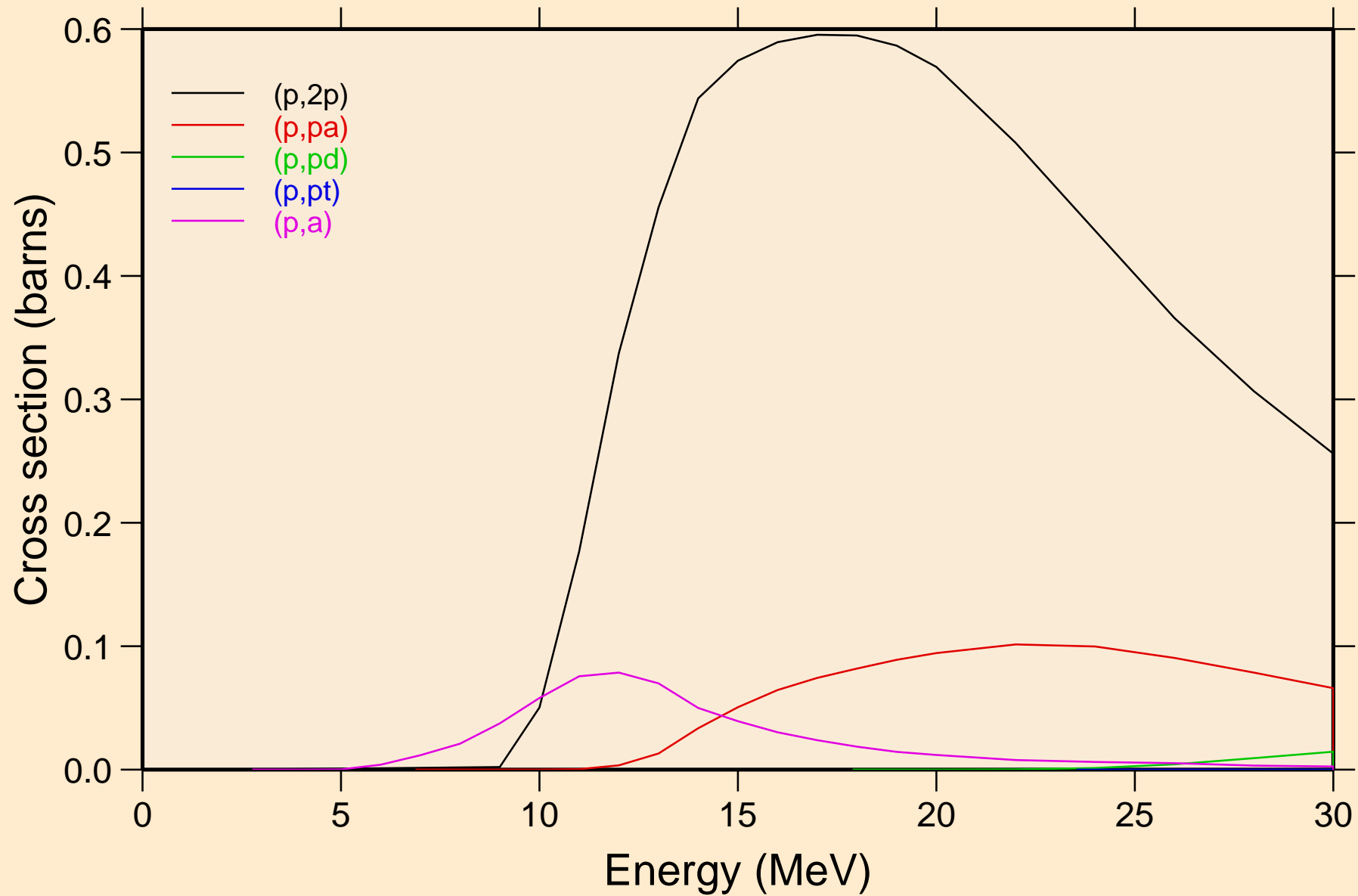


NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

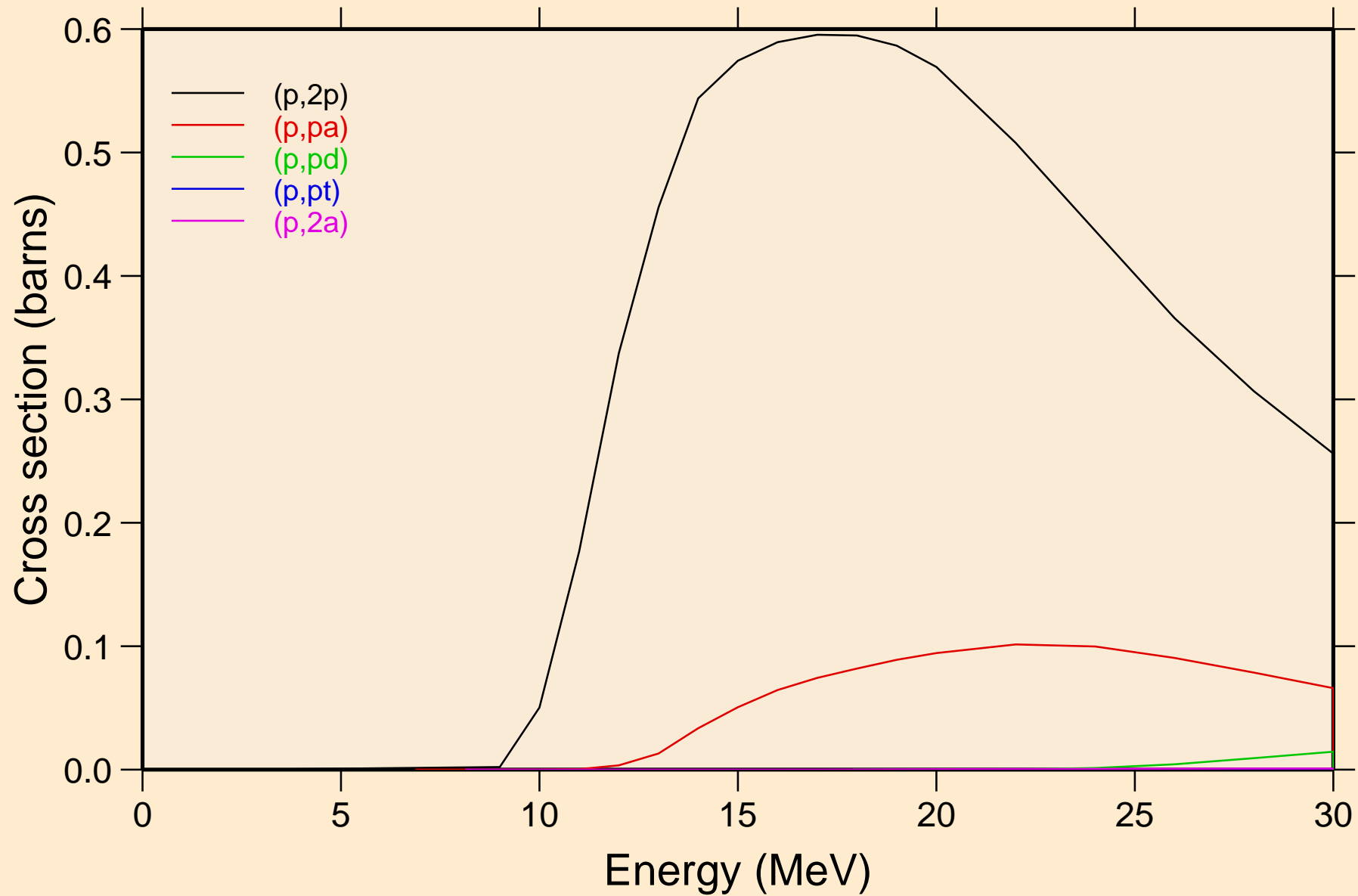


# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

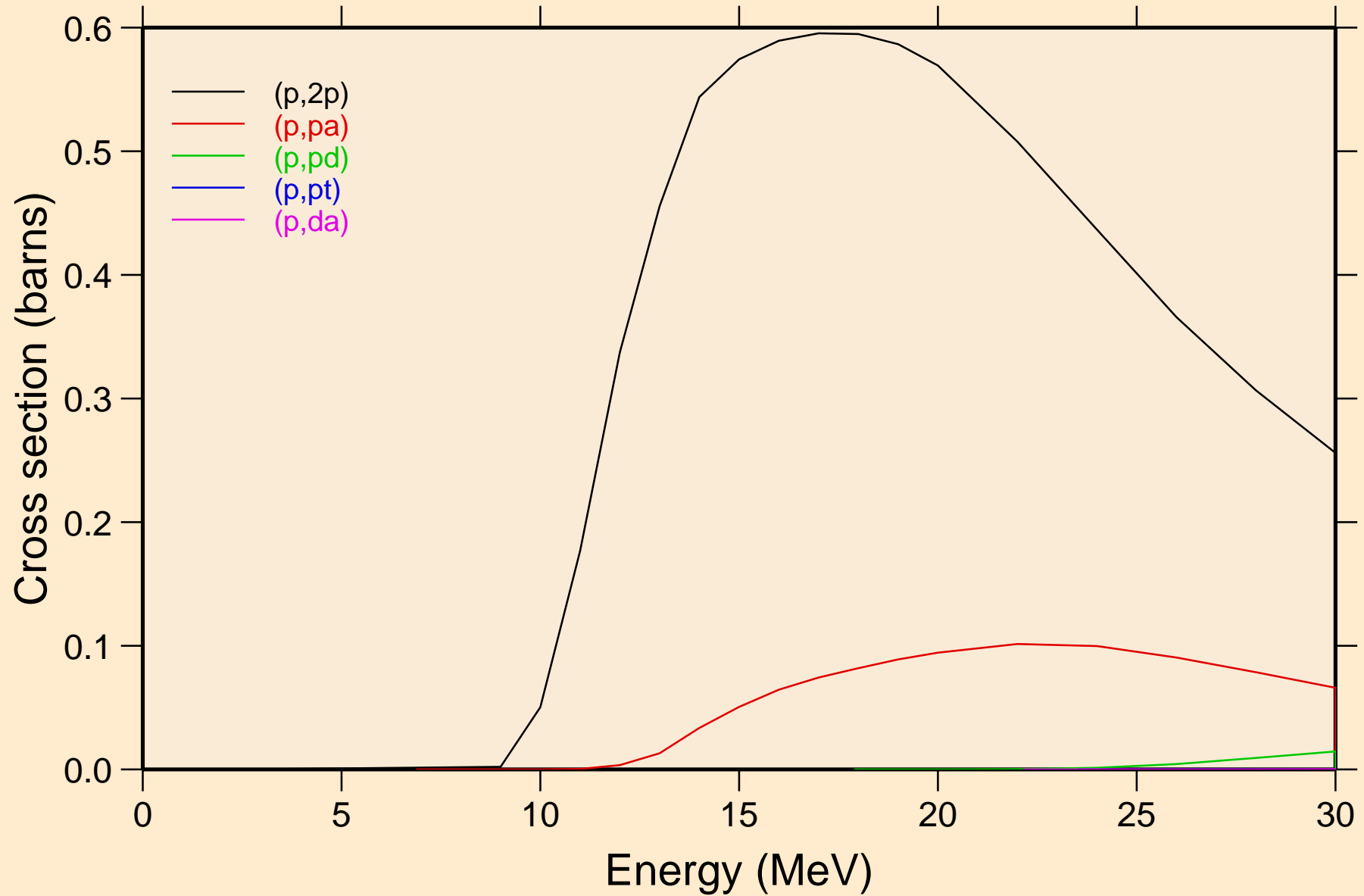
## Threshold reactions



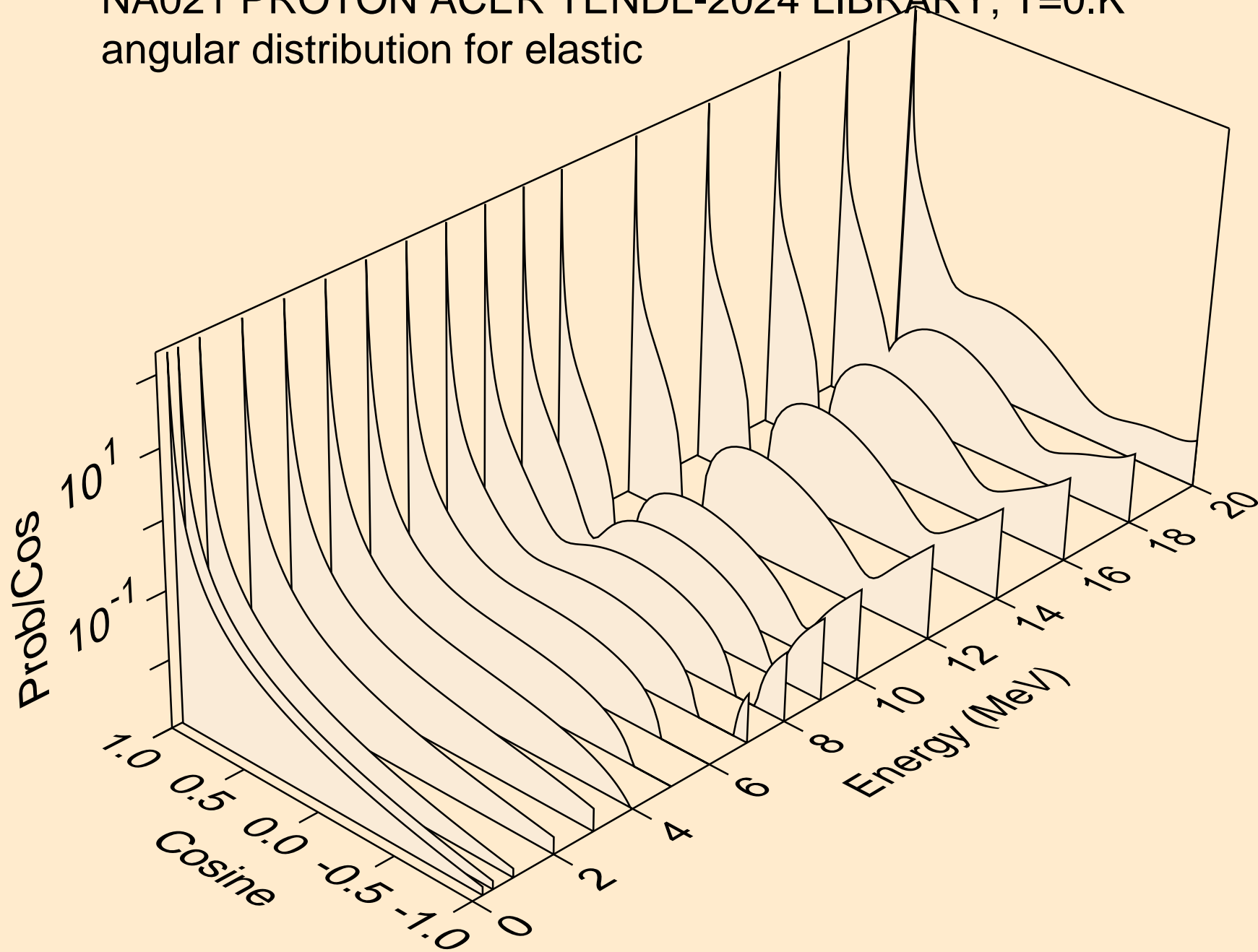
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



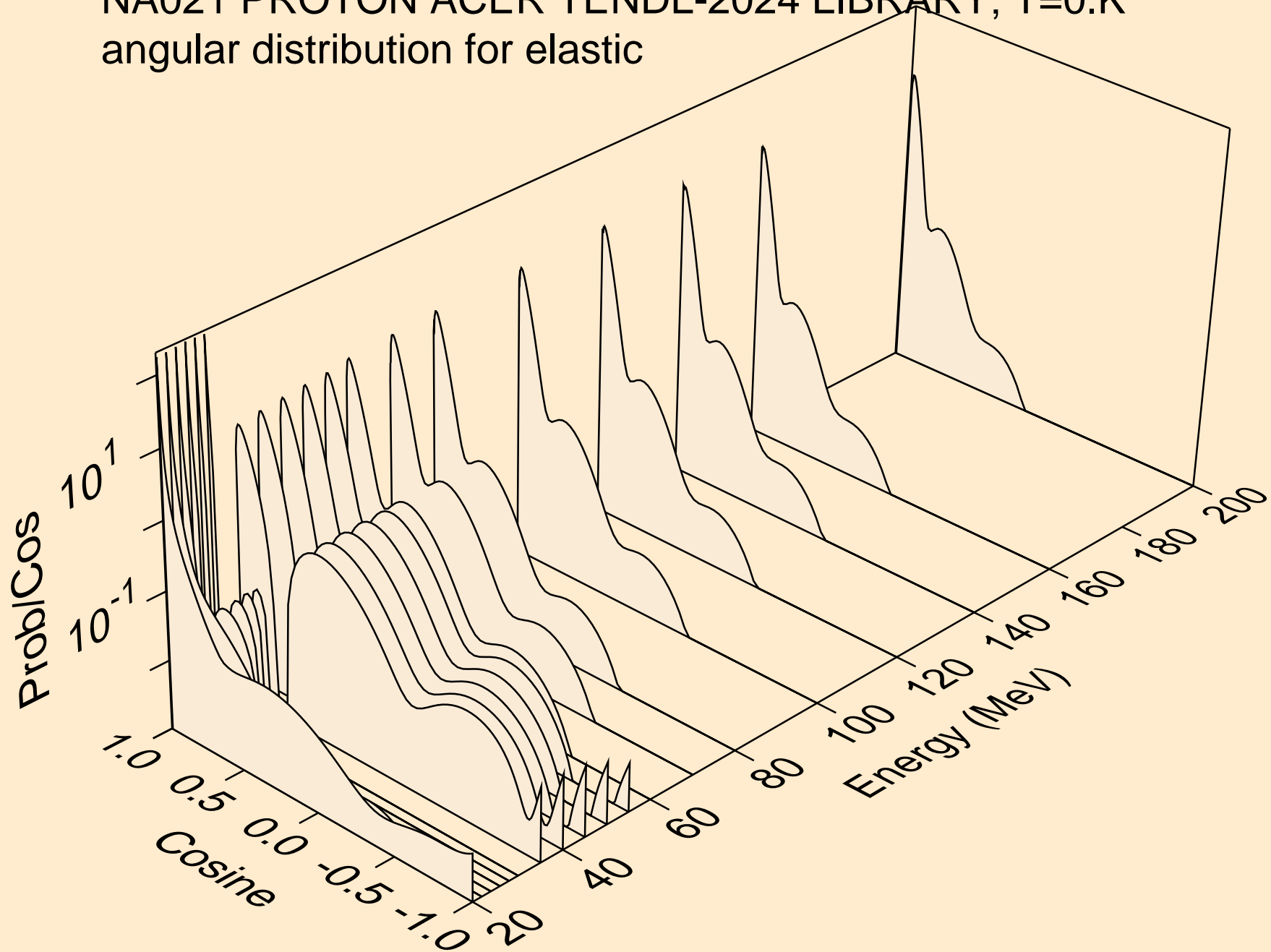
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



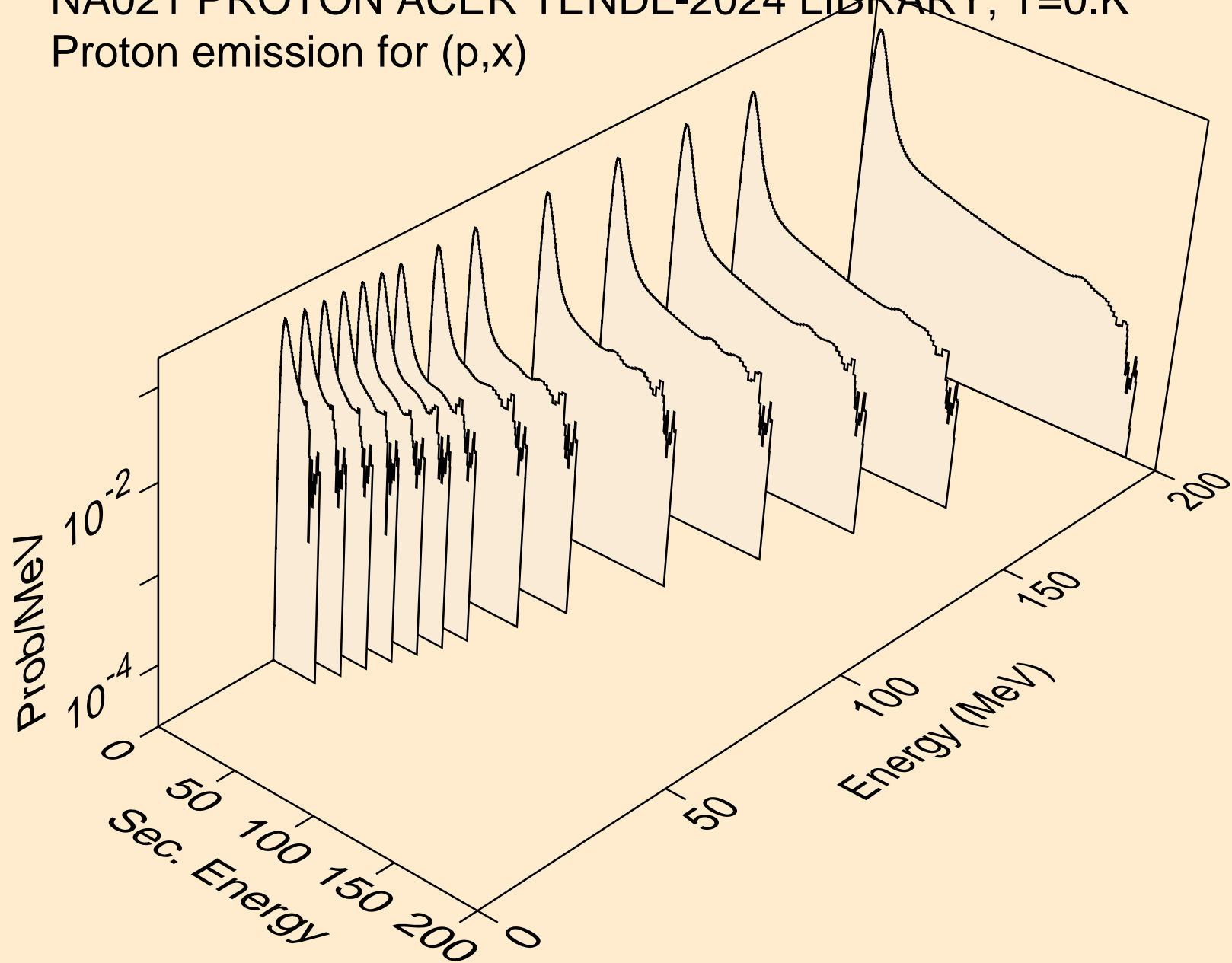
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



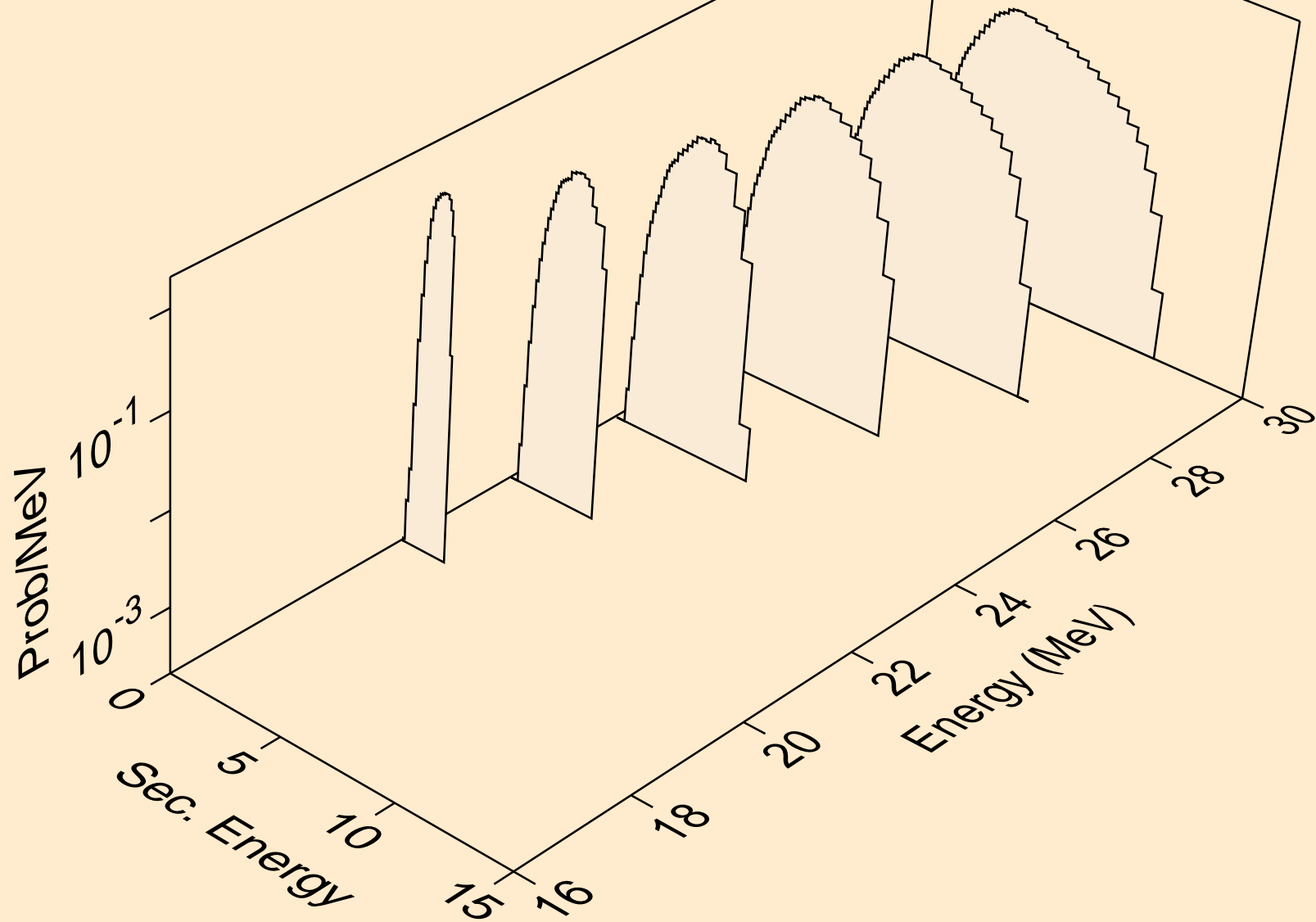
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



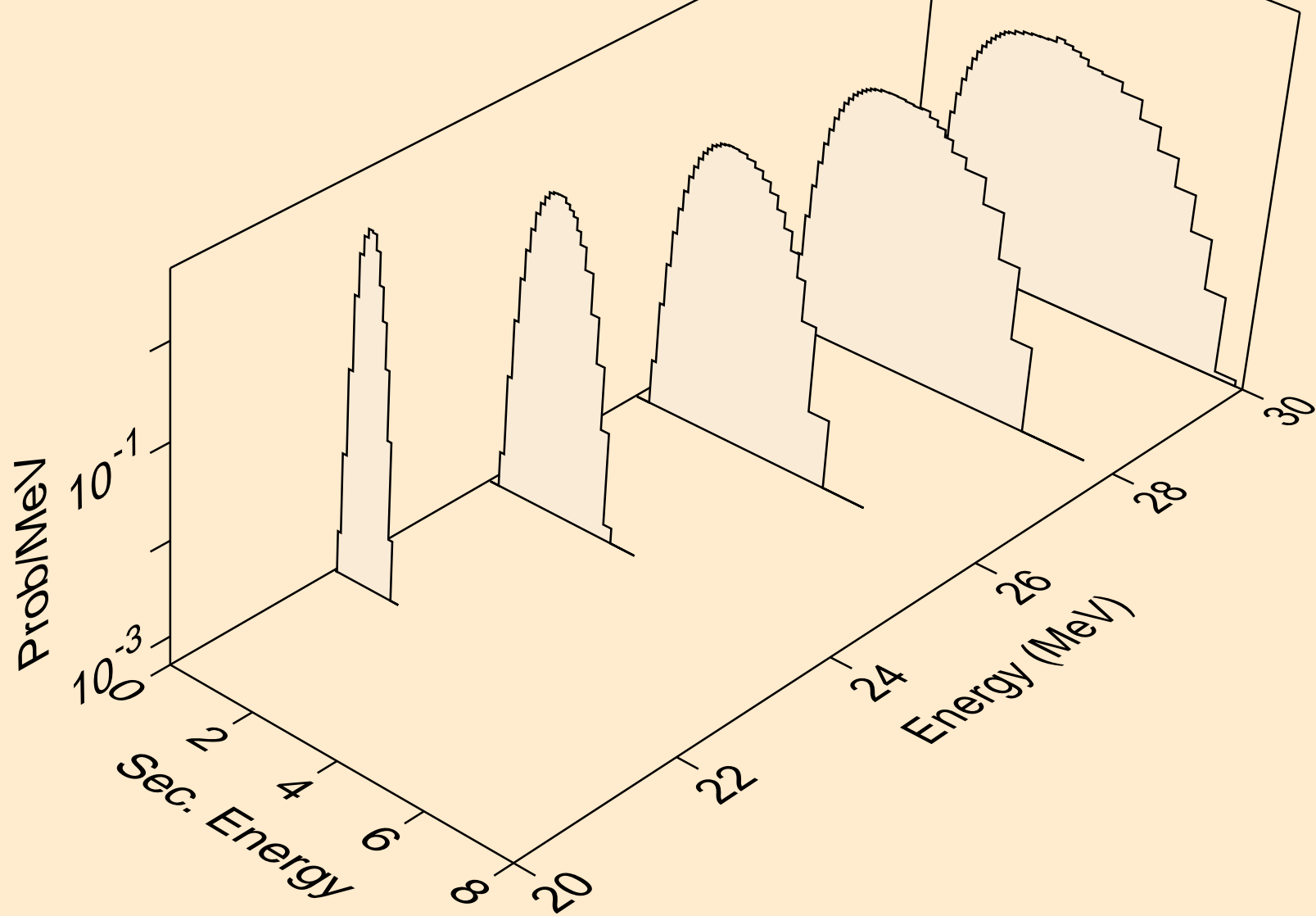
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



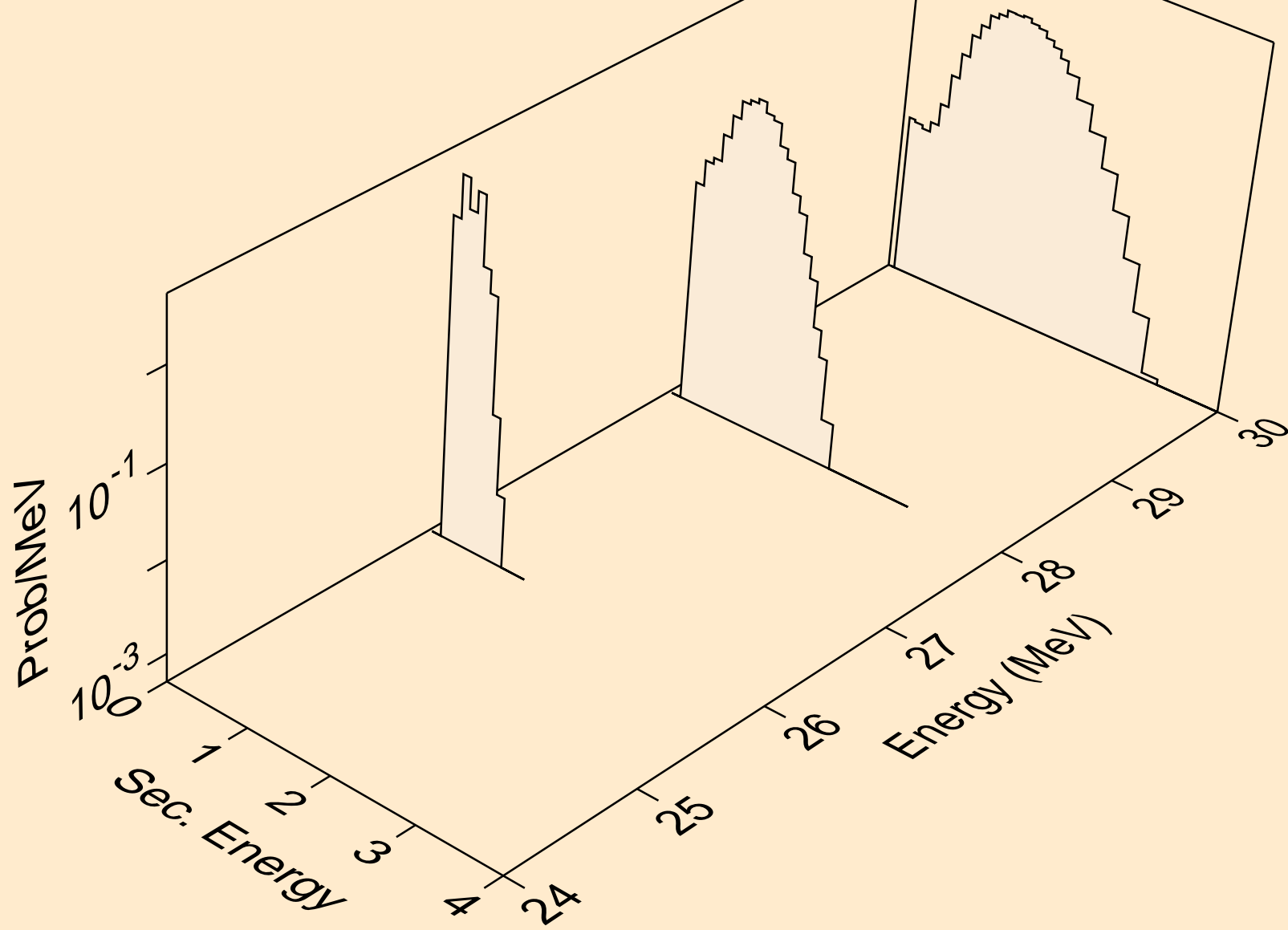
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



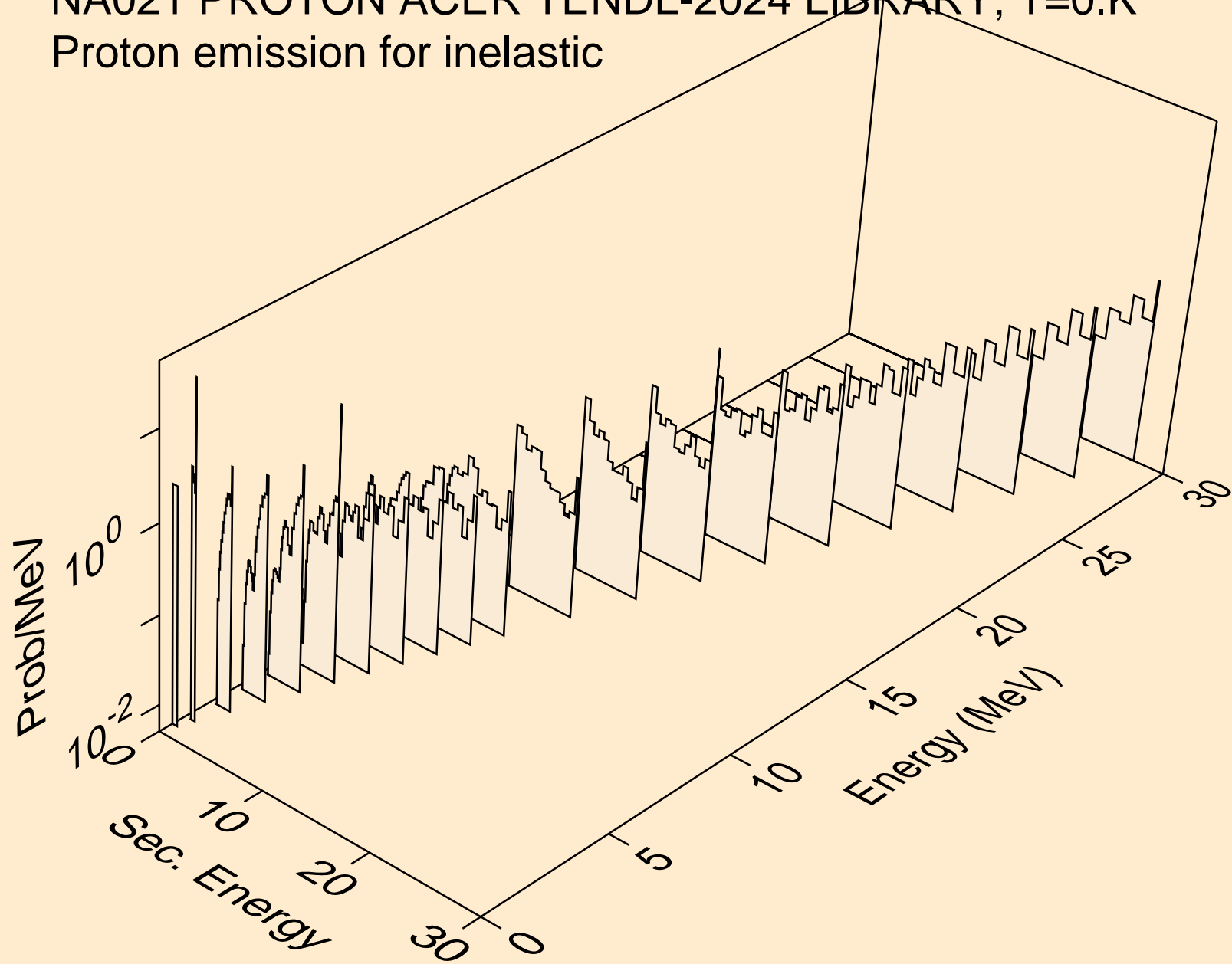
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



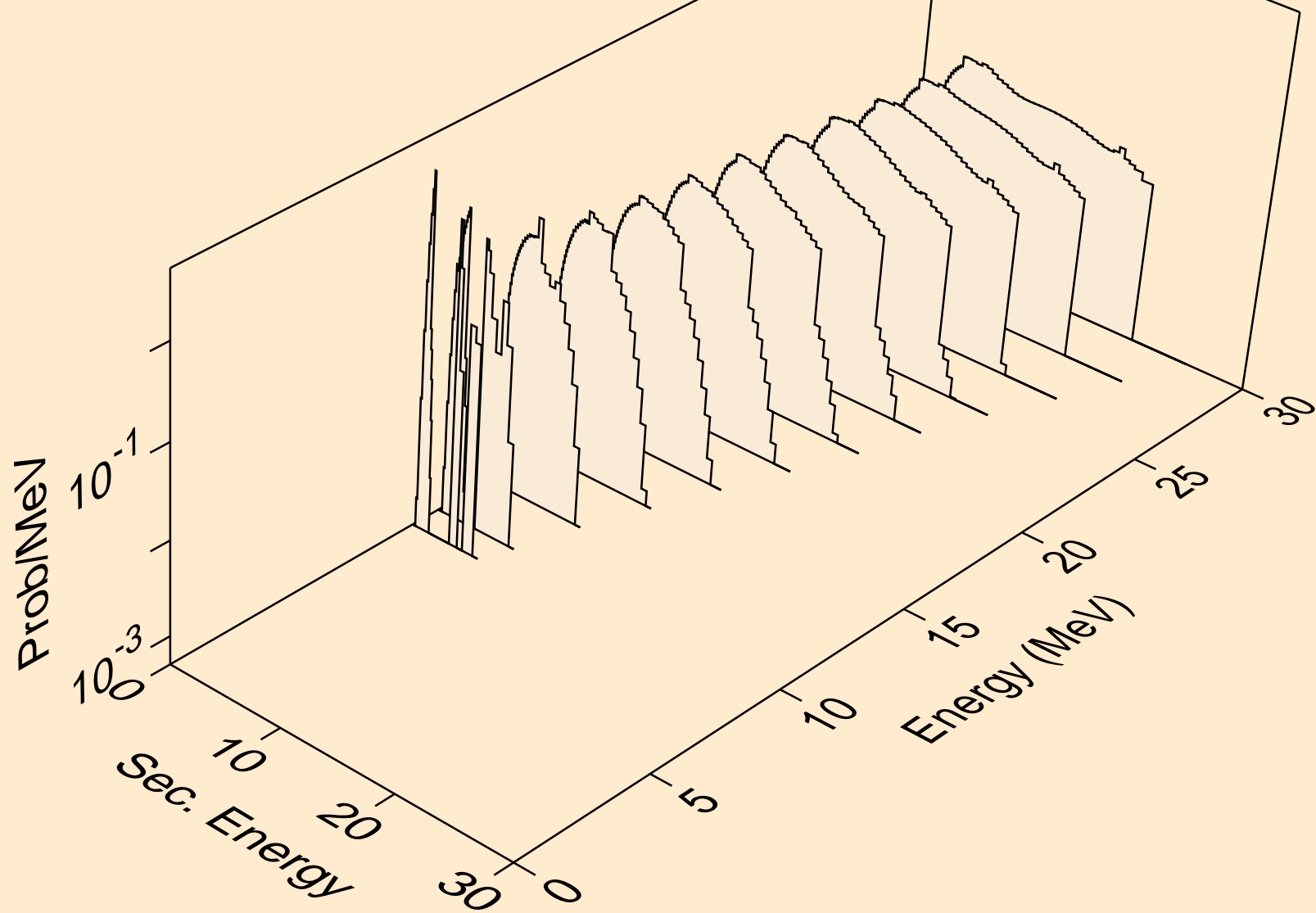
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



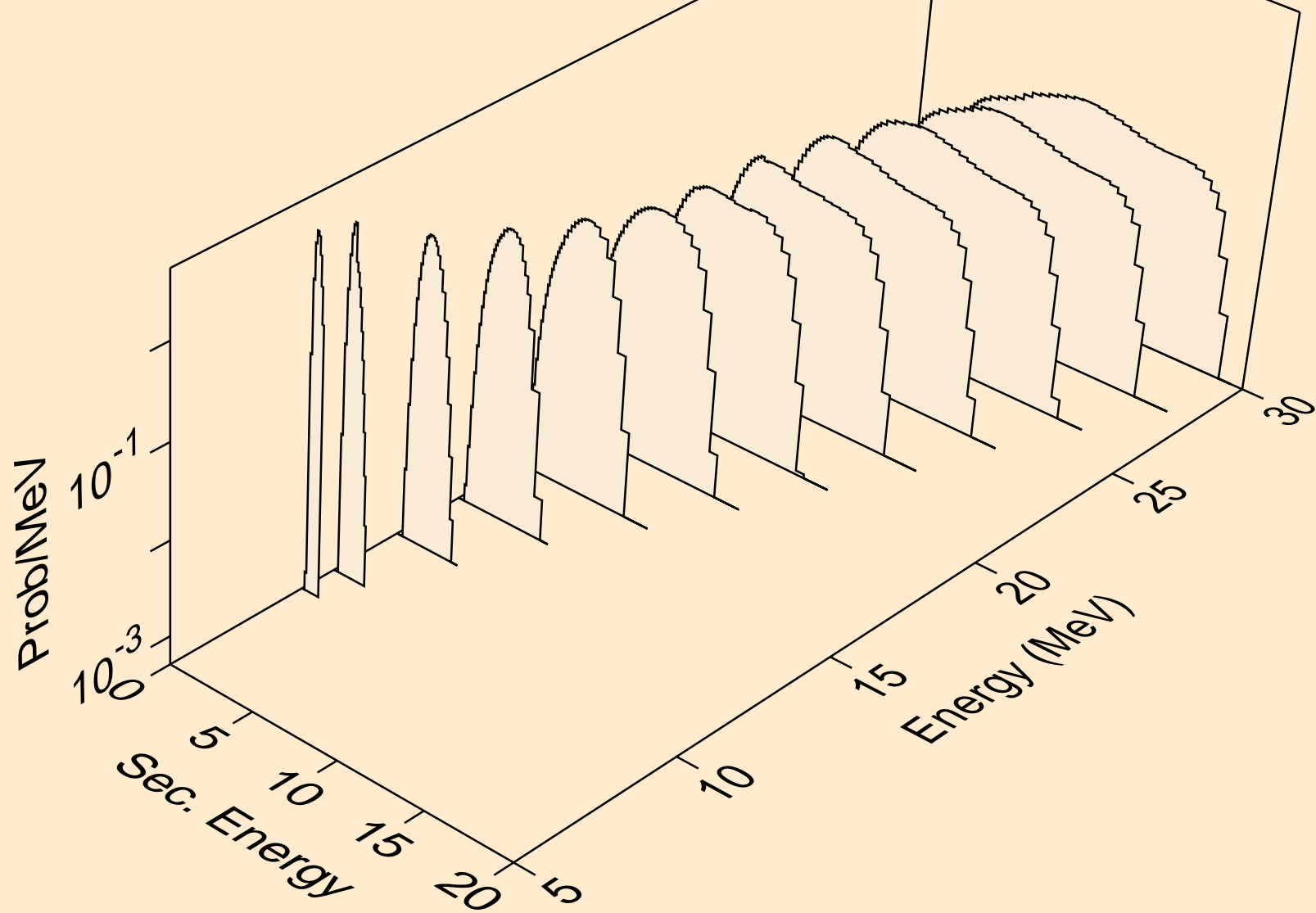
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



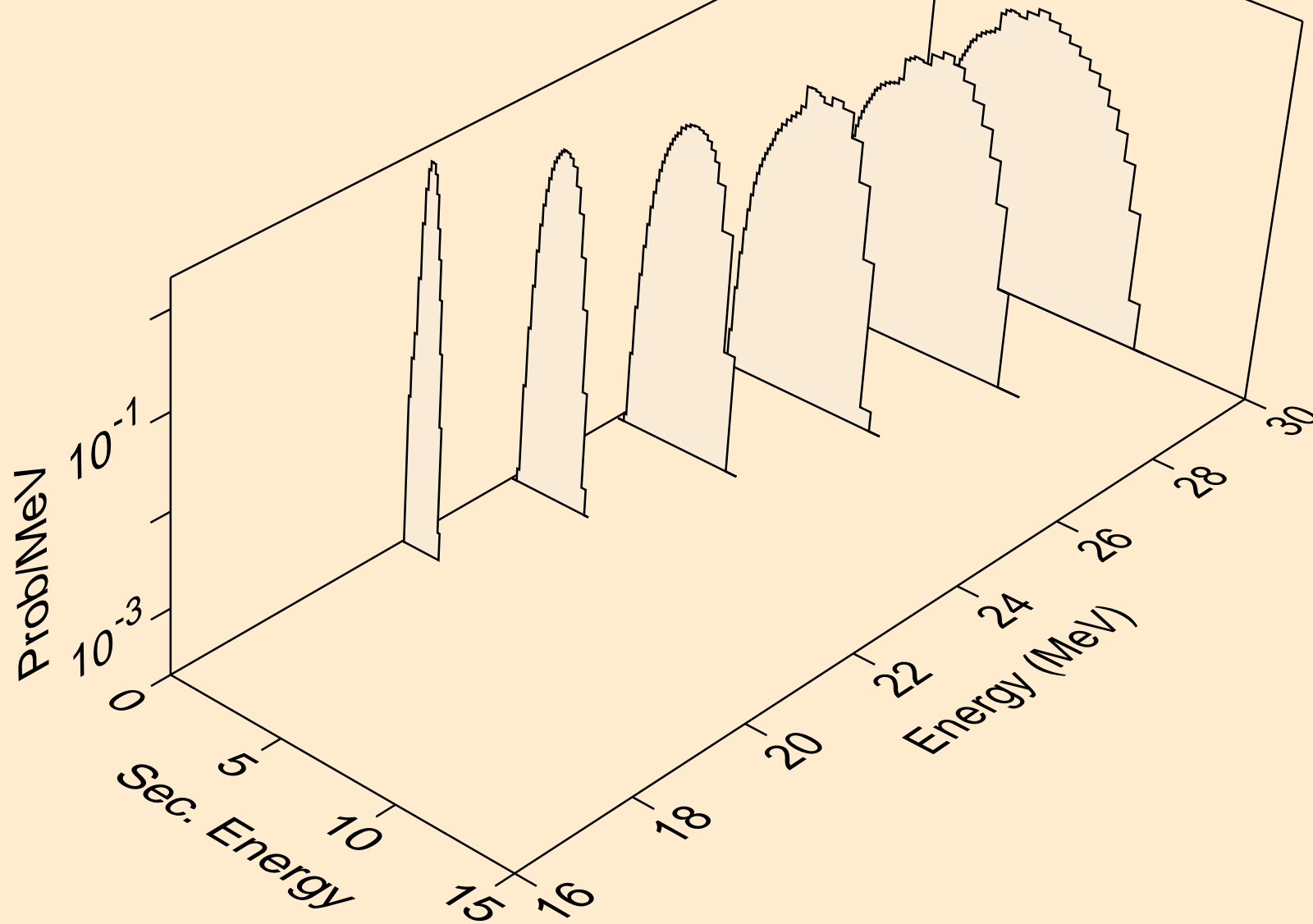
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



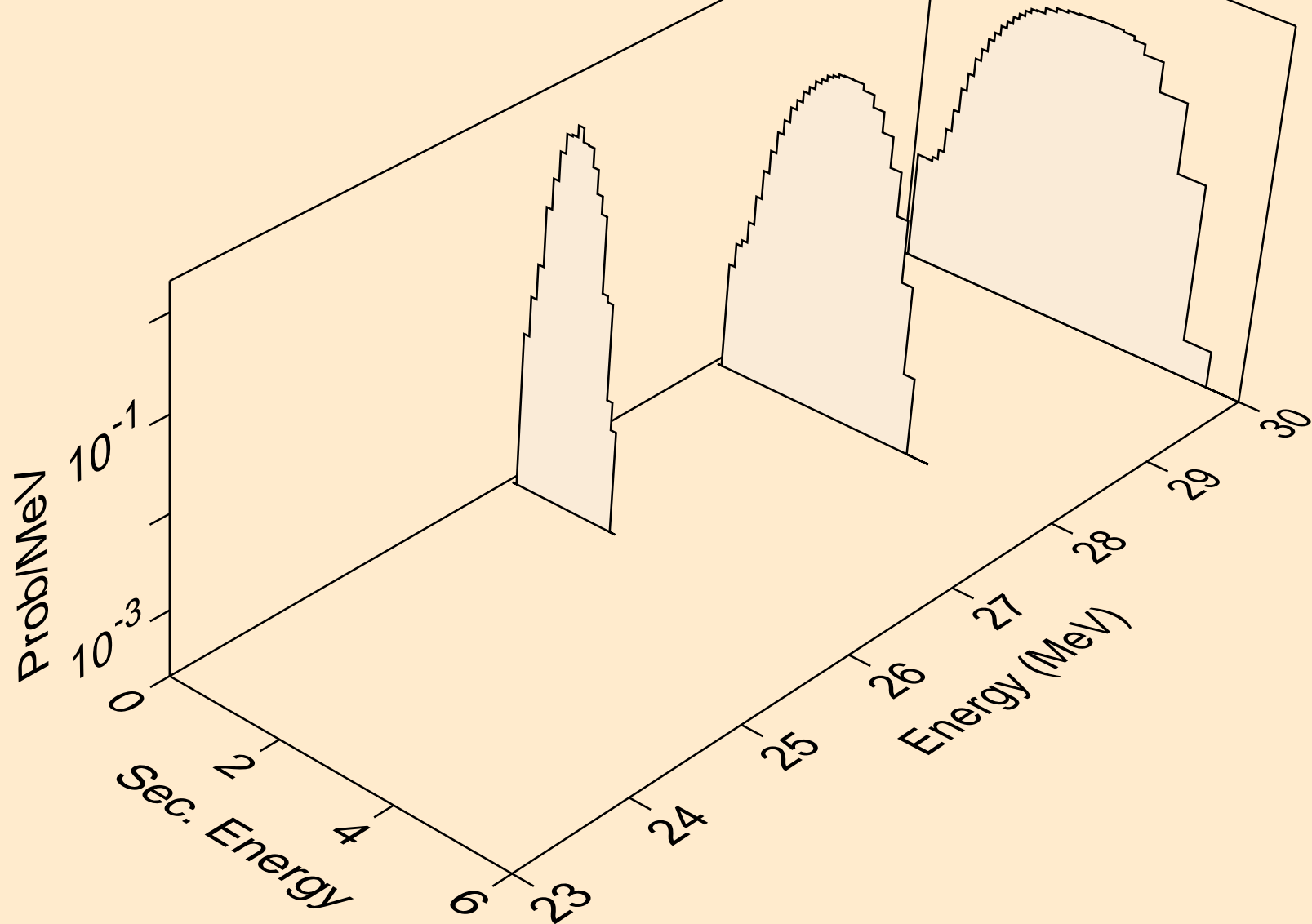
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



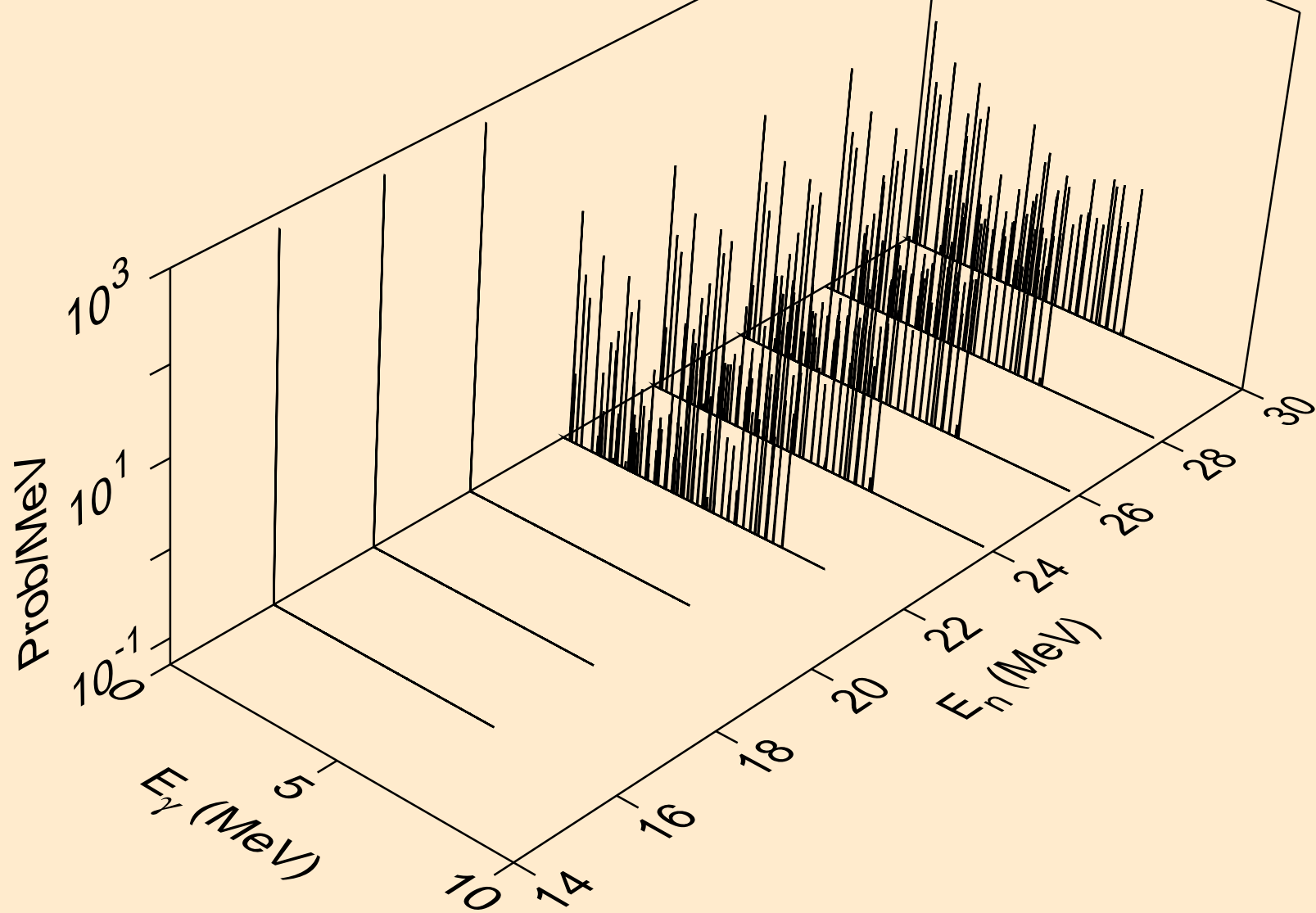
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



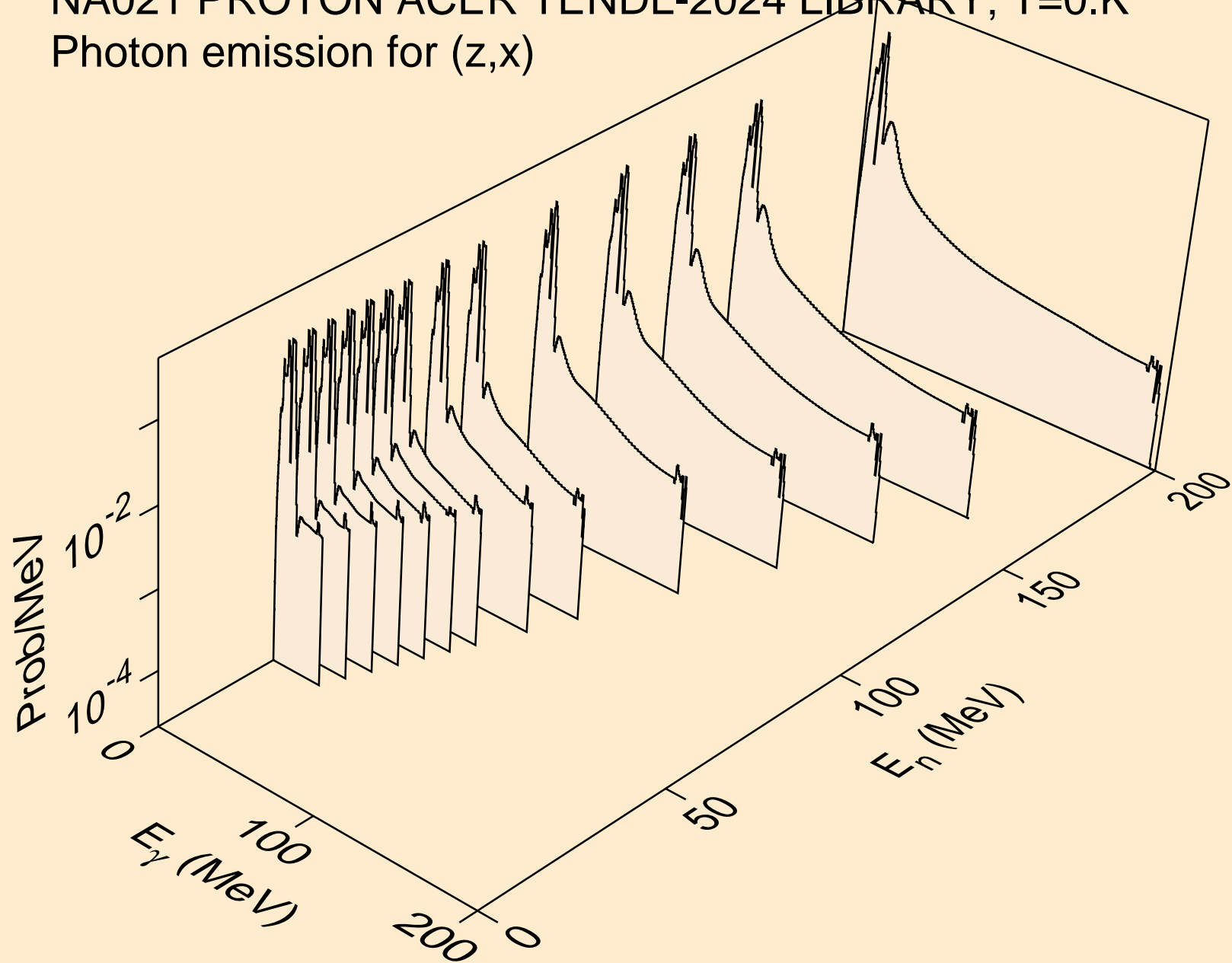
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pt)



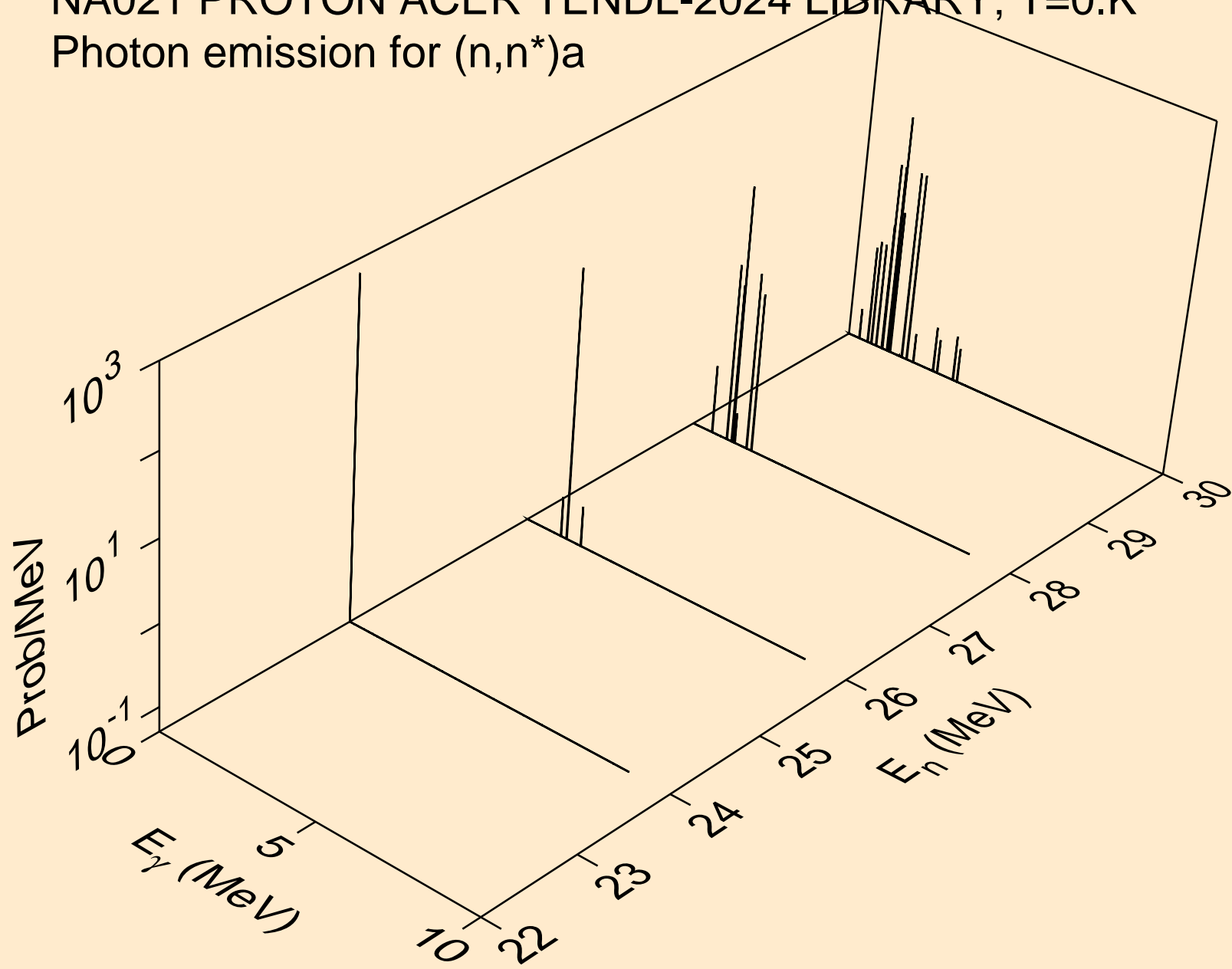
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



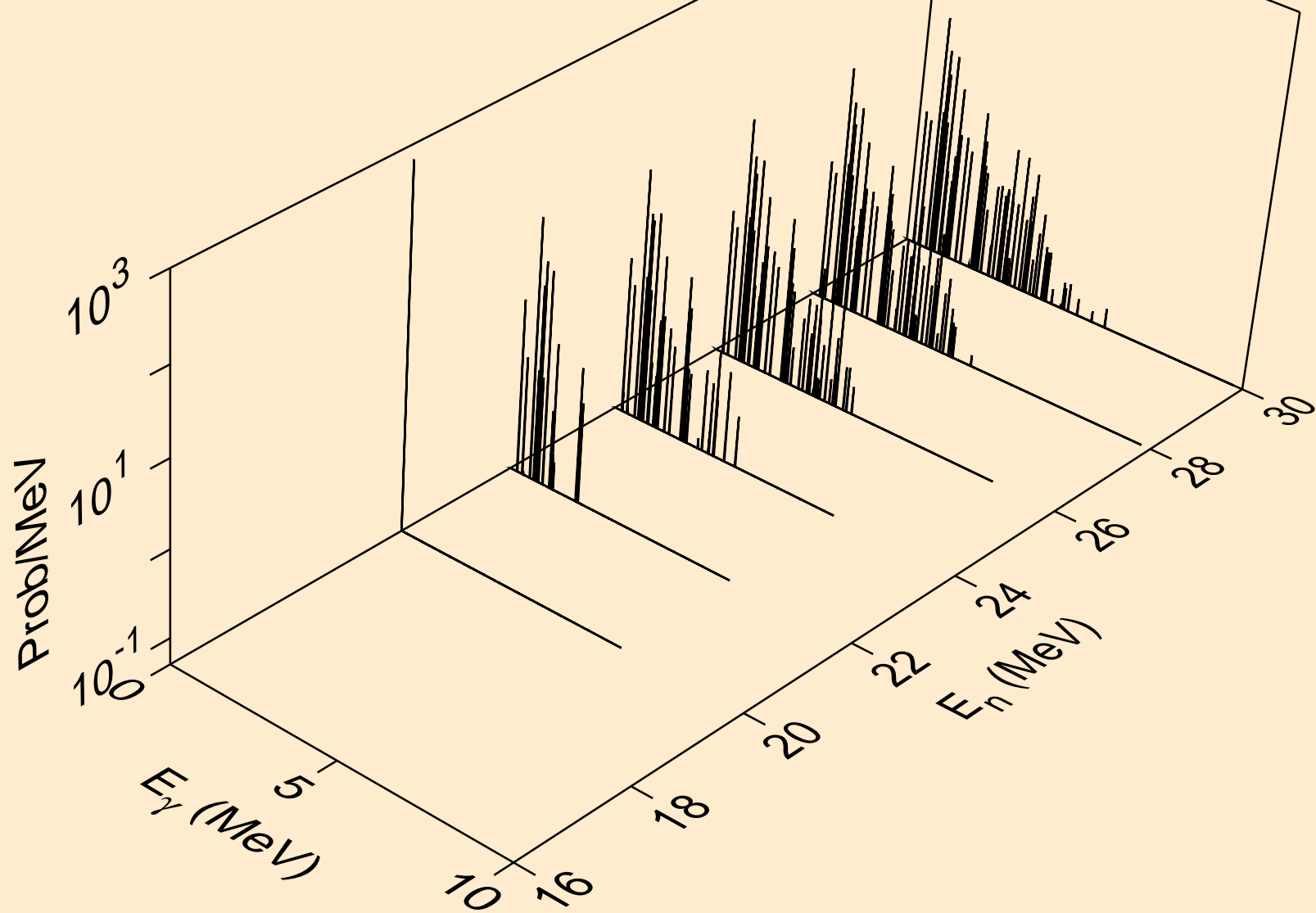
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



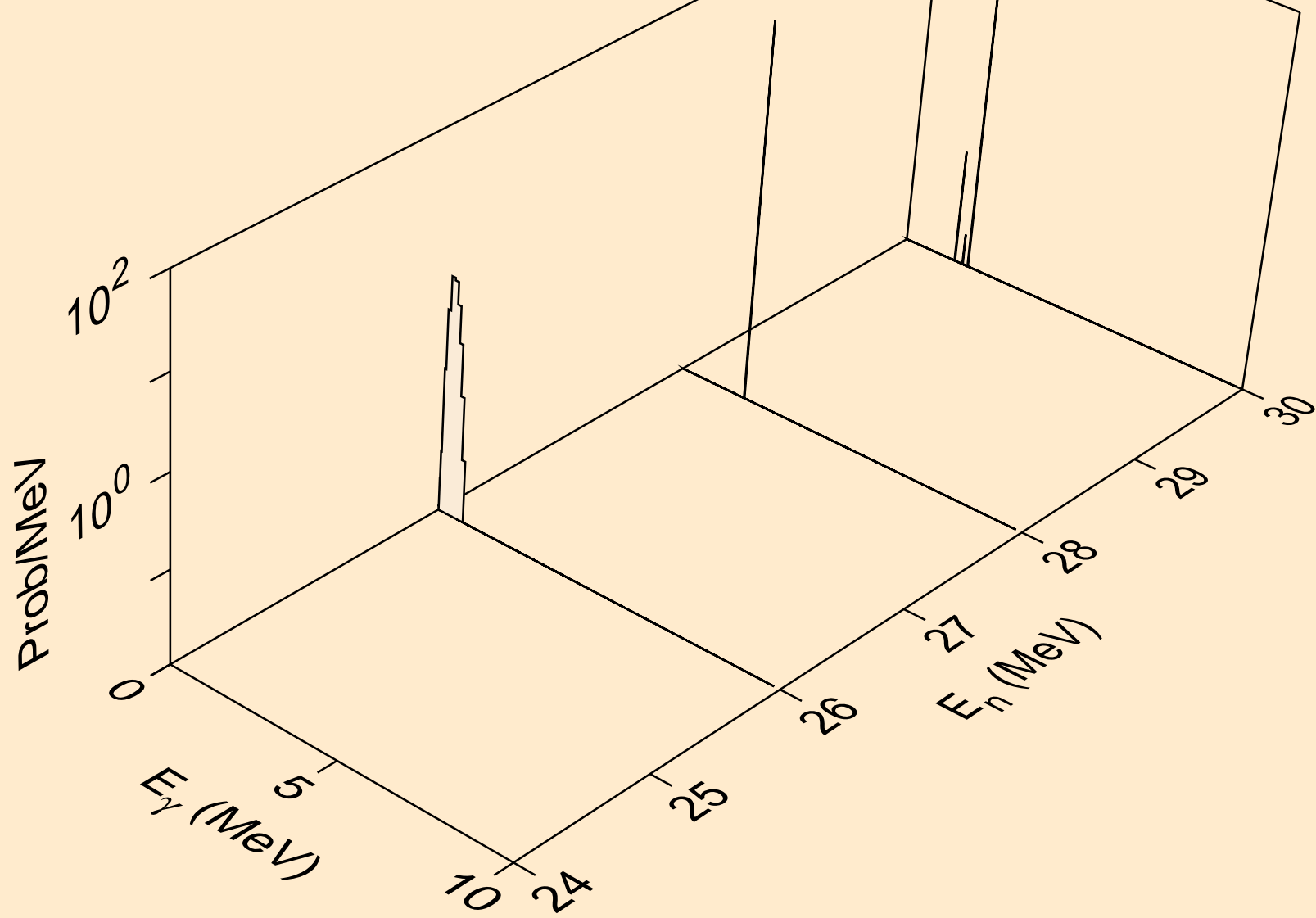
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



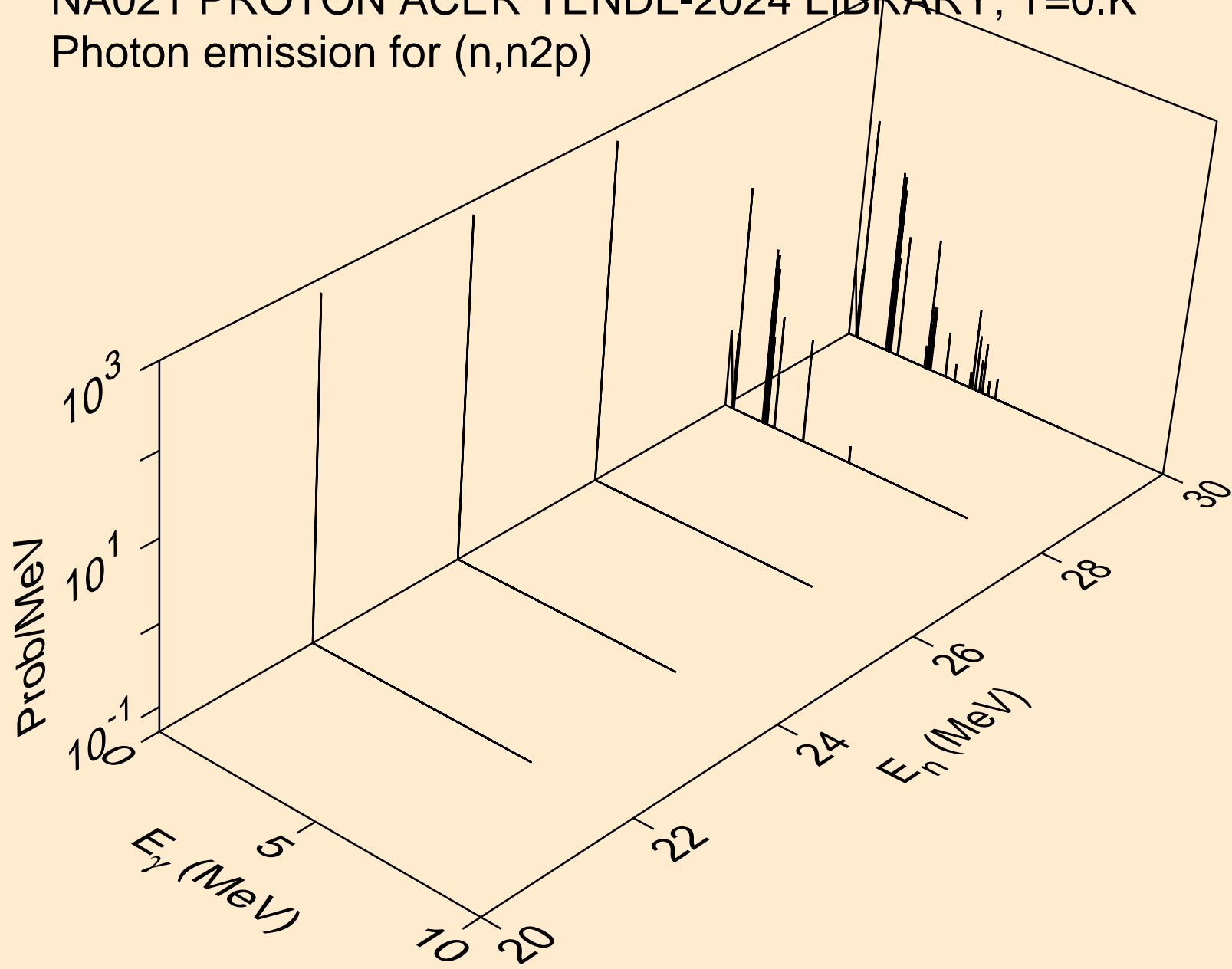
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



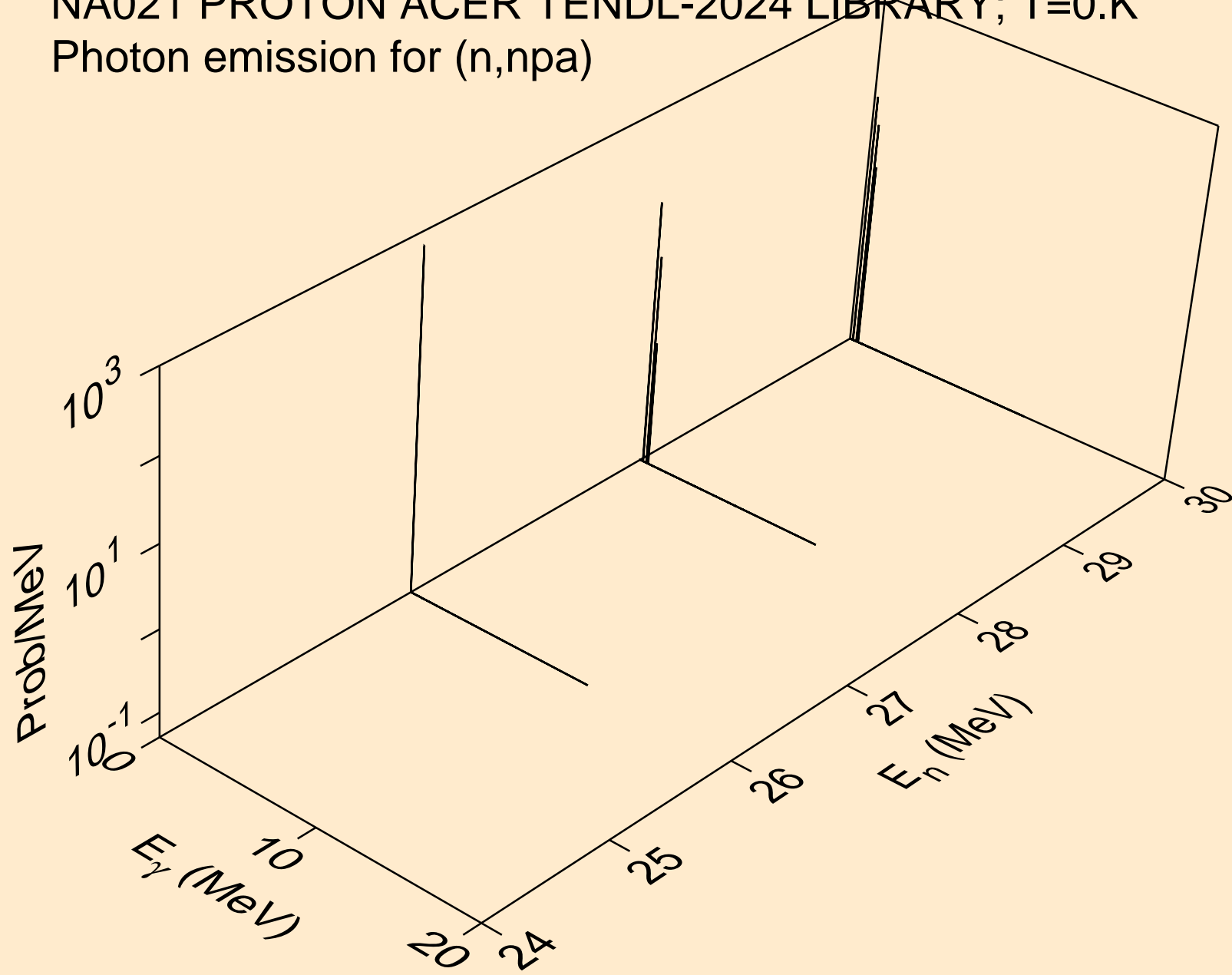
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



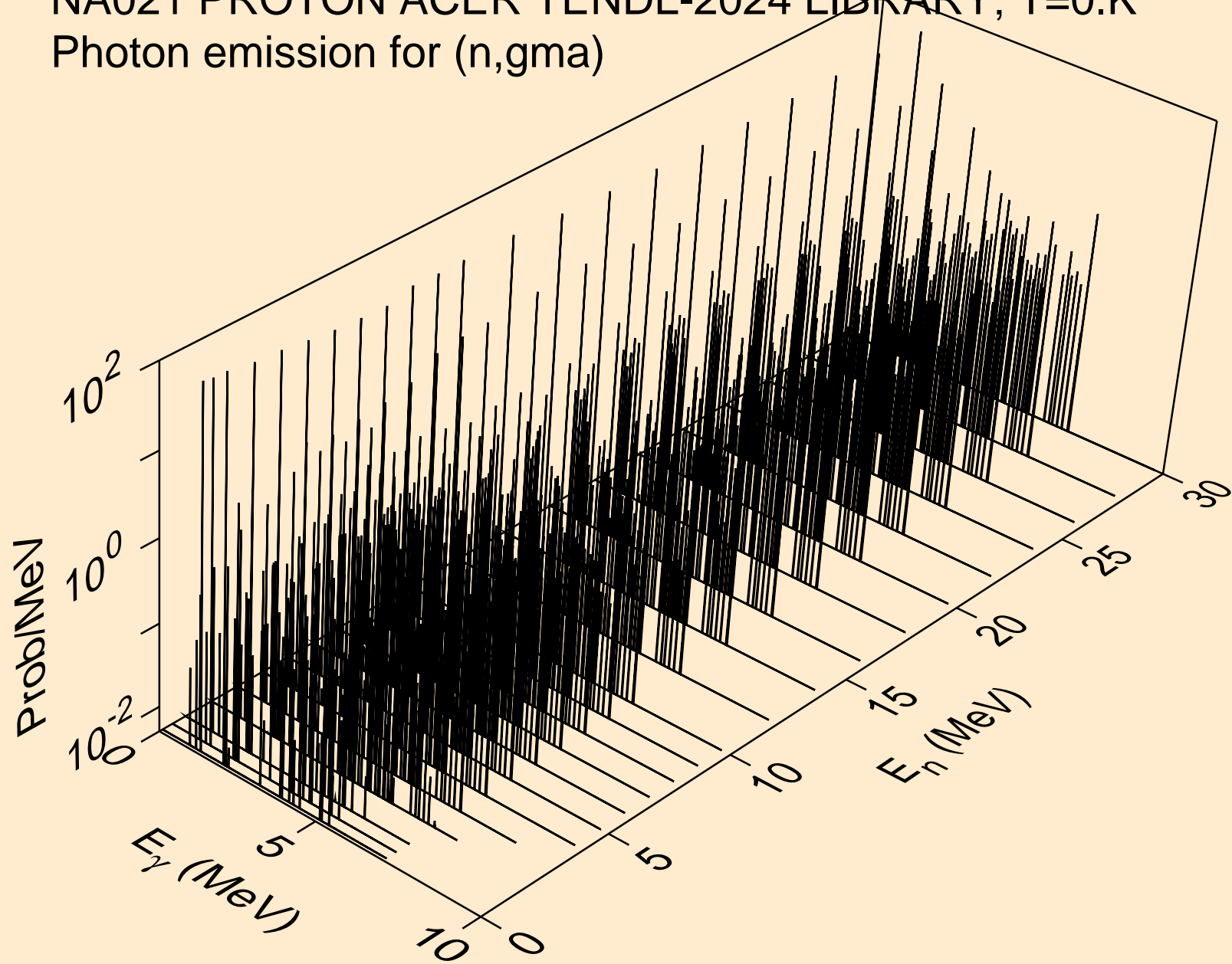
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



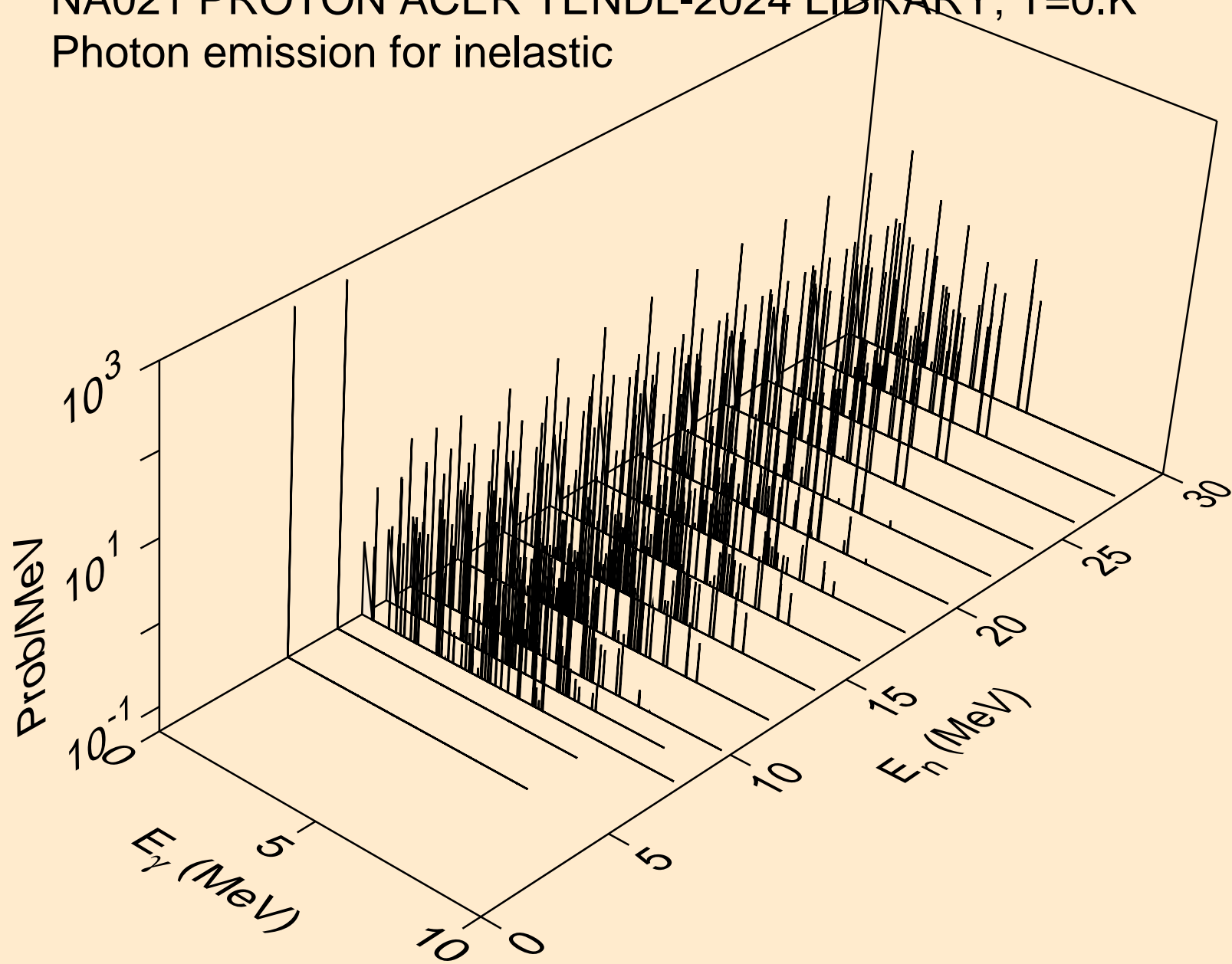
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



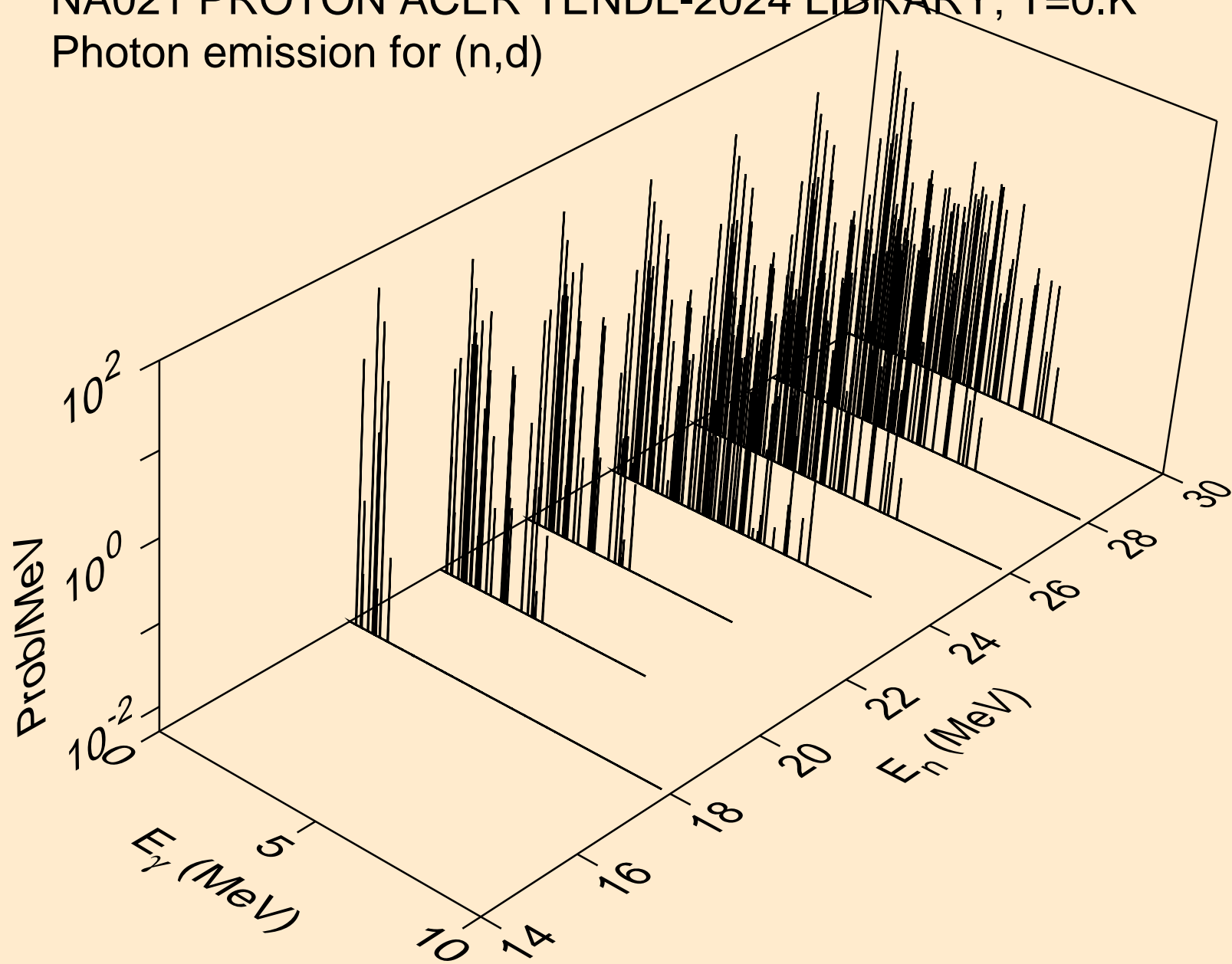
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



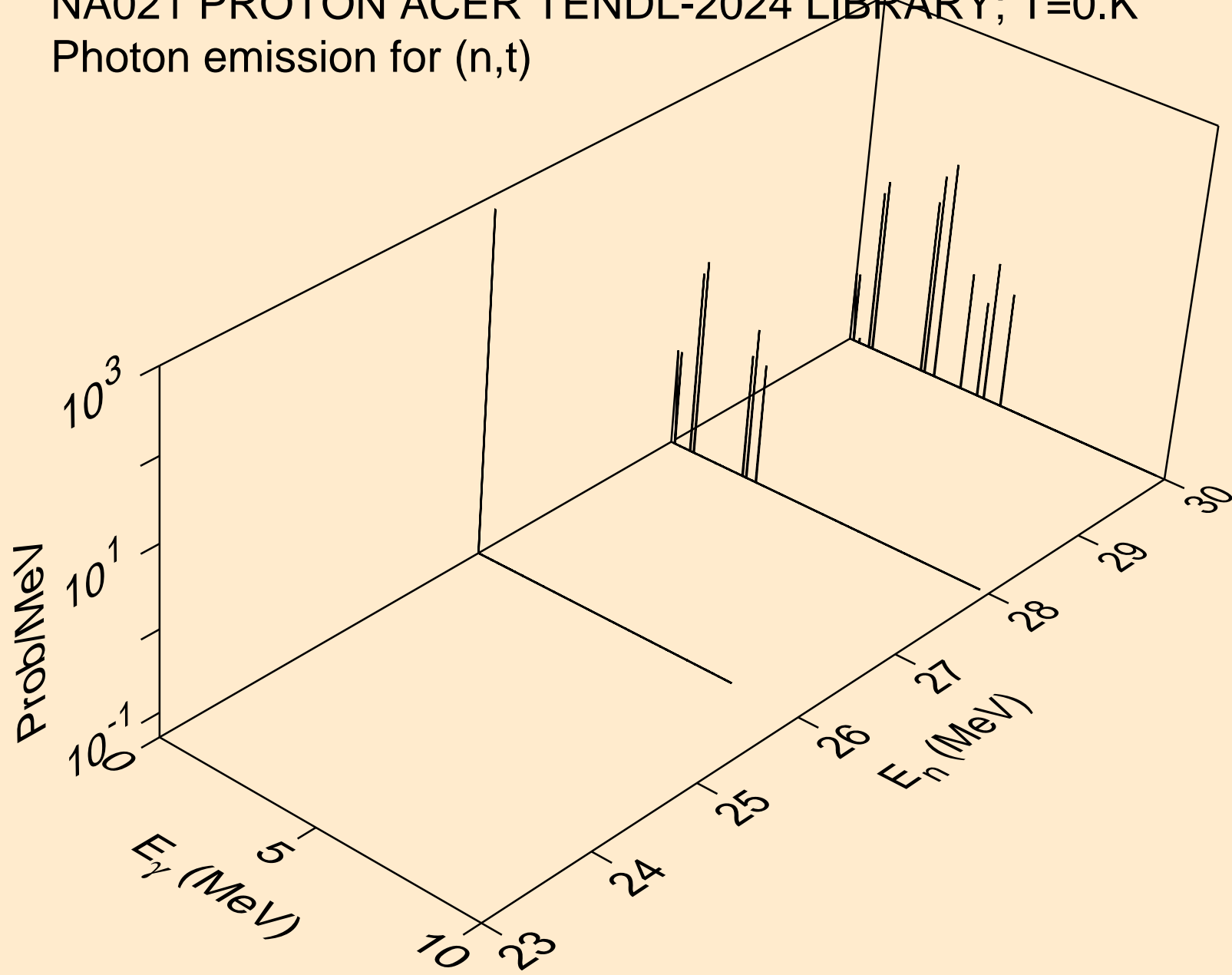
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



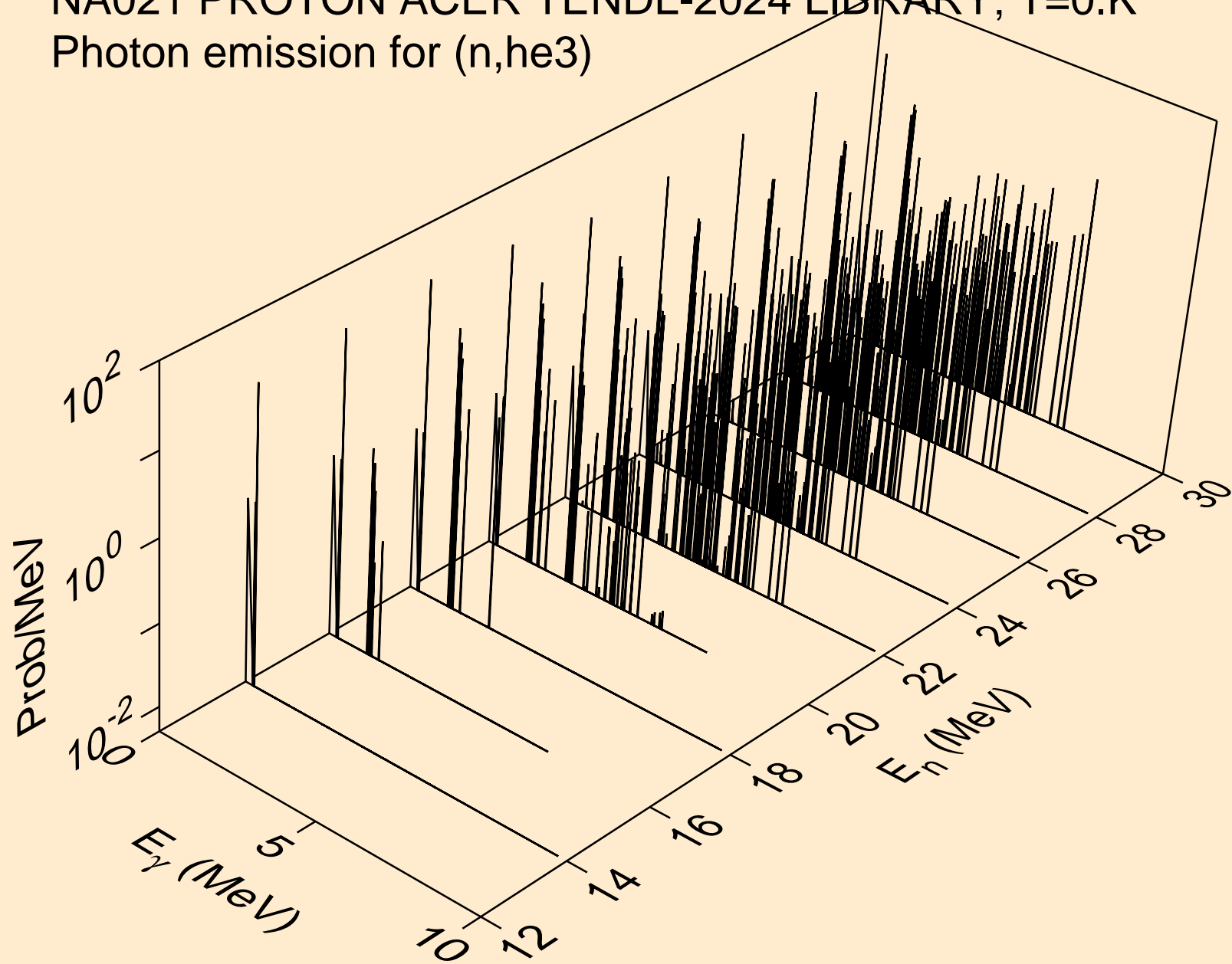
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



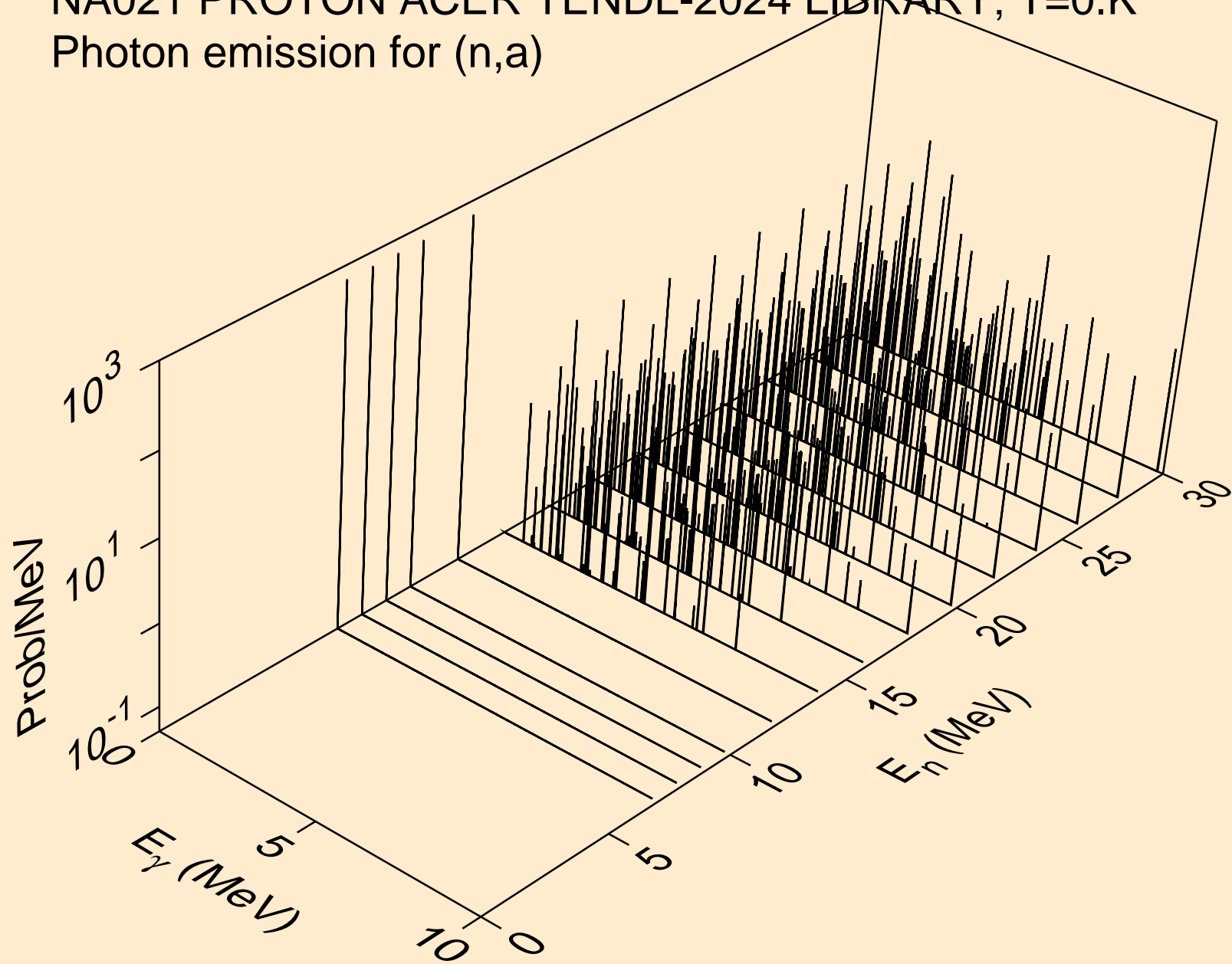
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



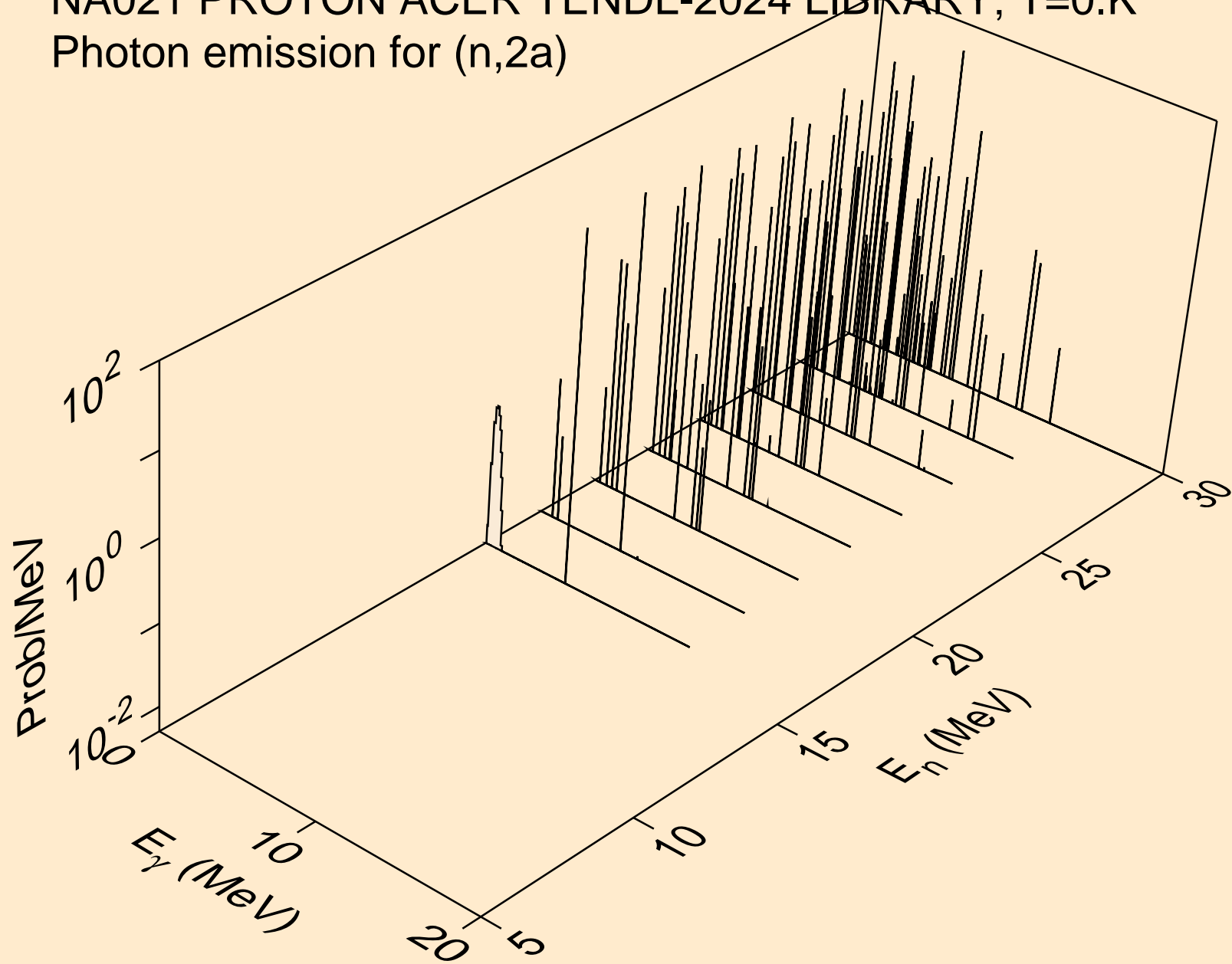
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



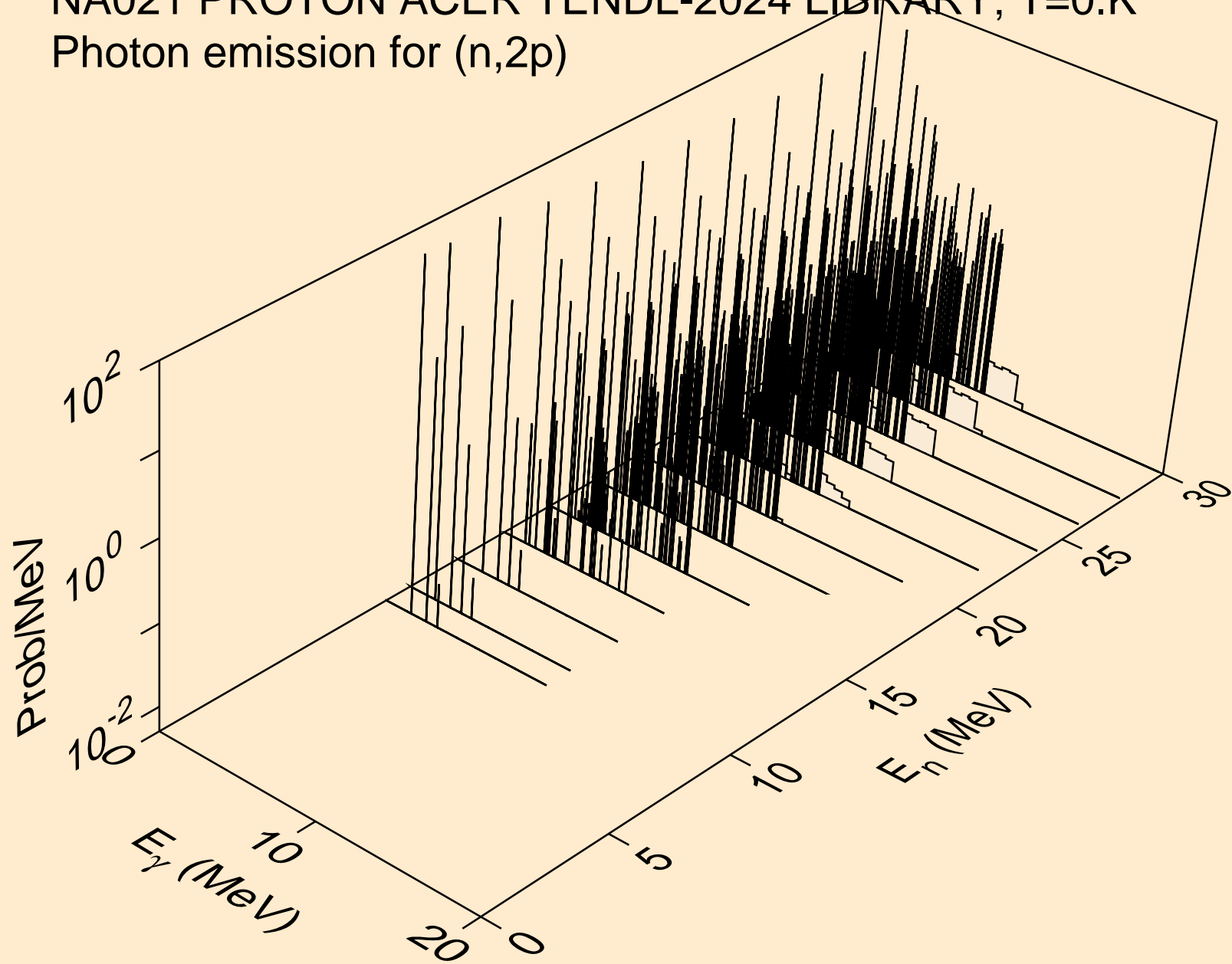
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



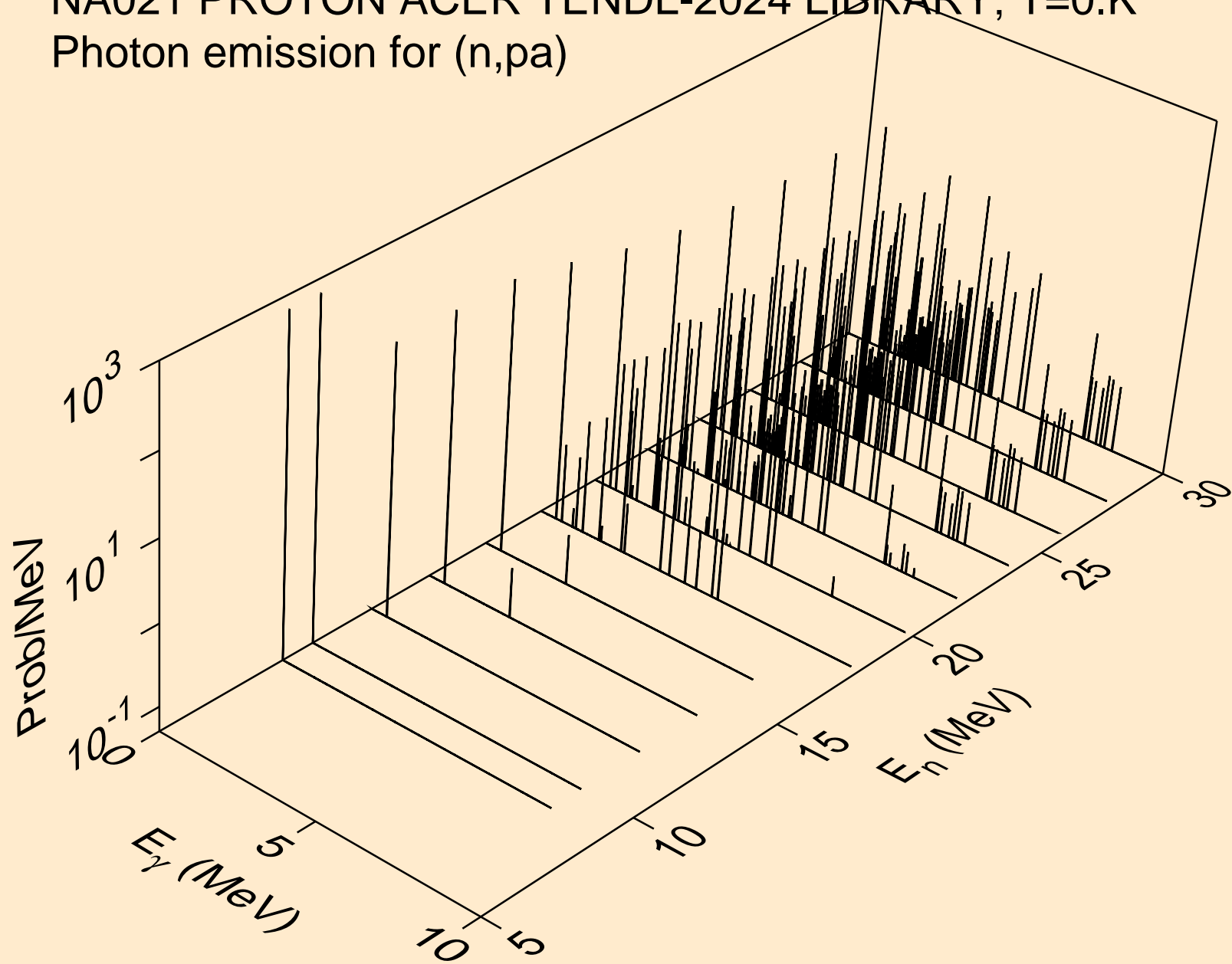
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



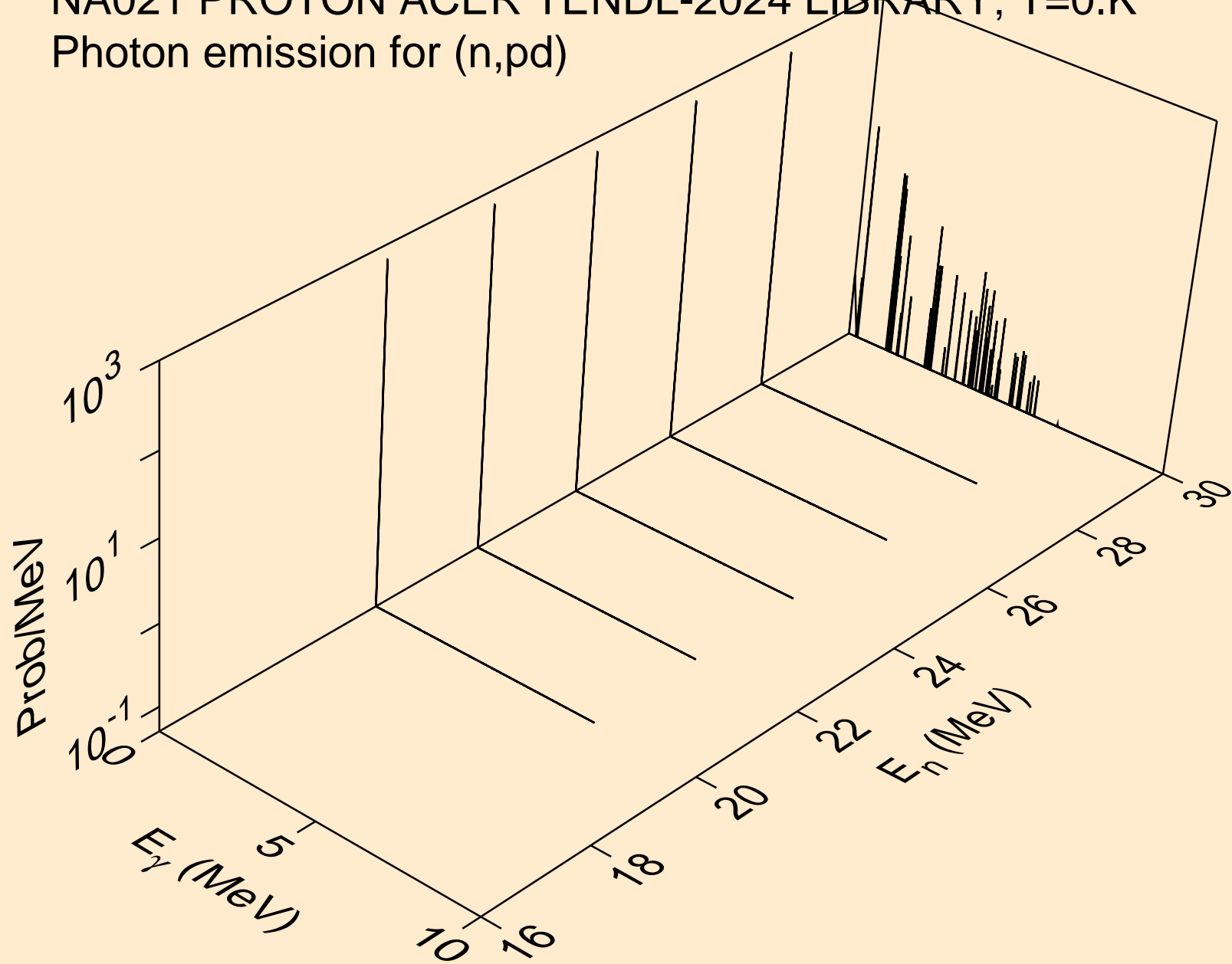
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



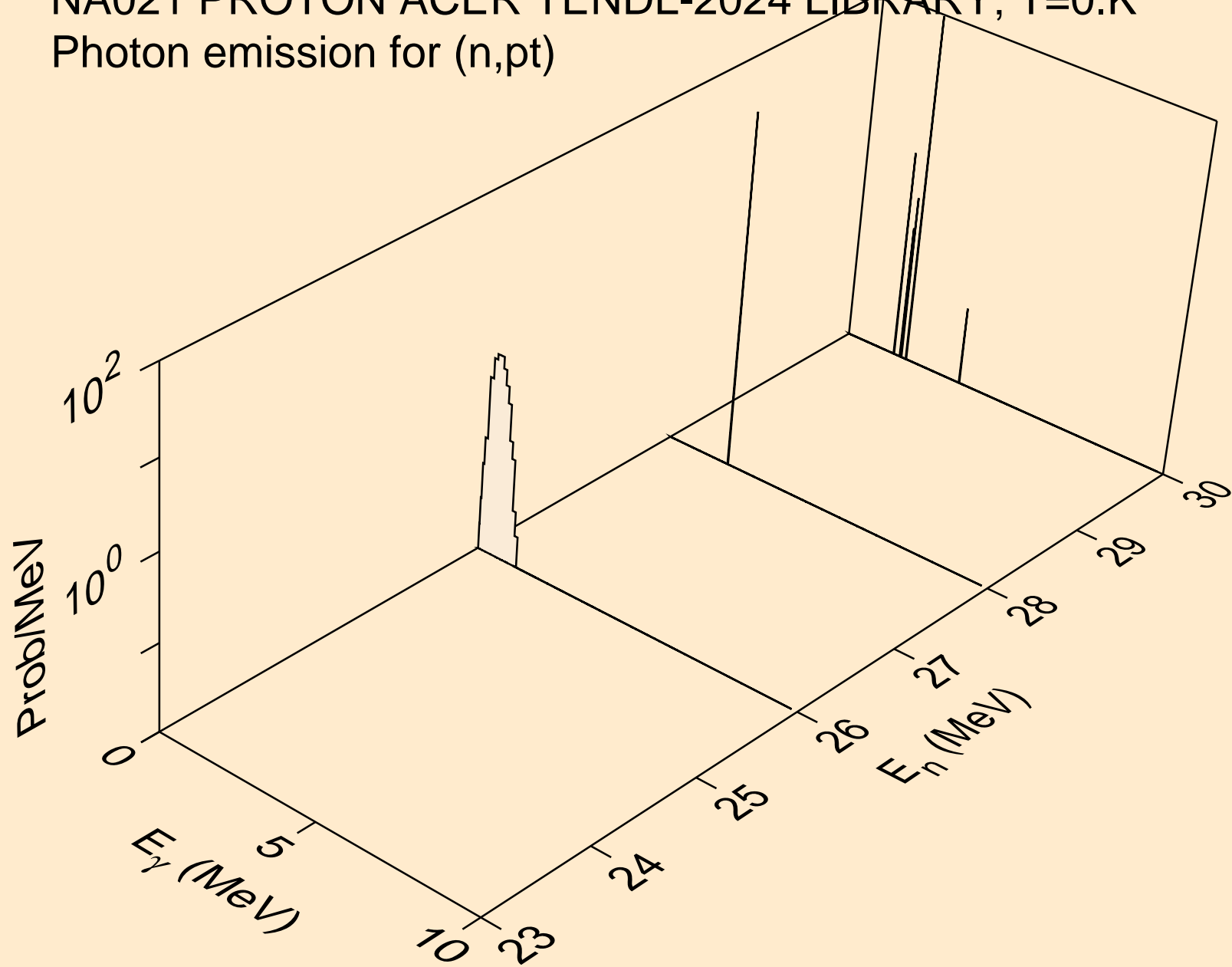
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



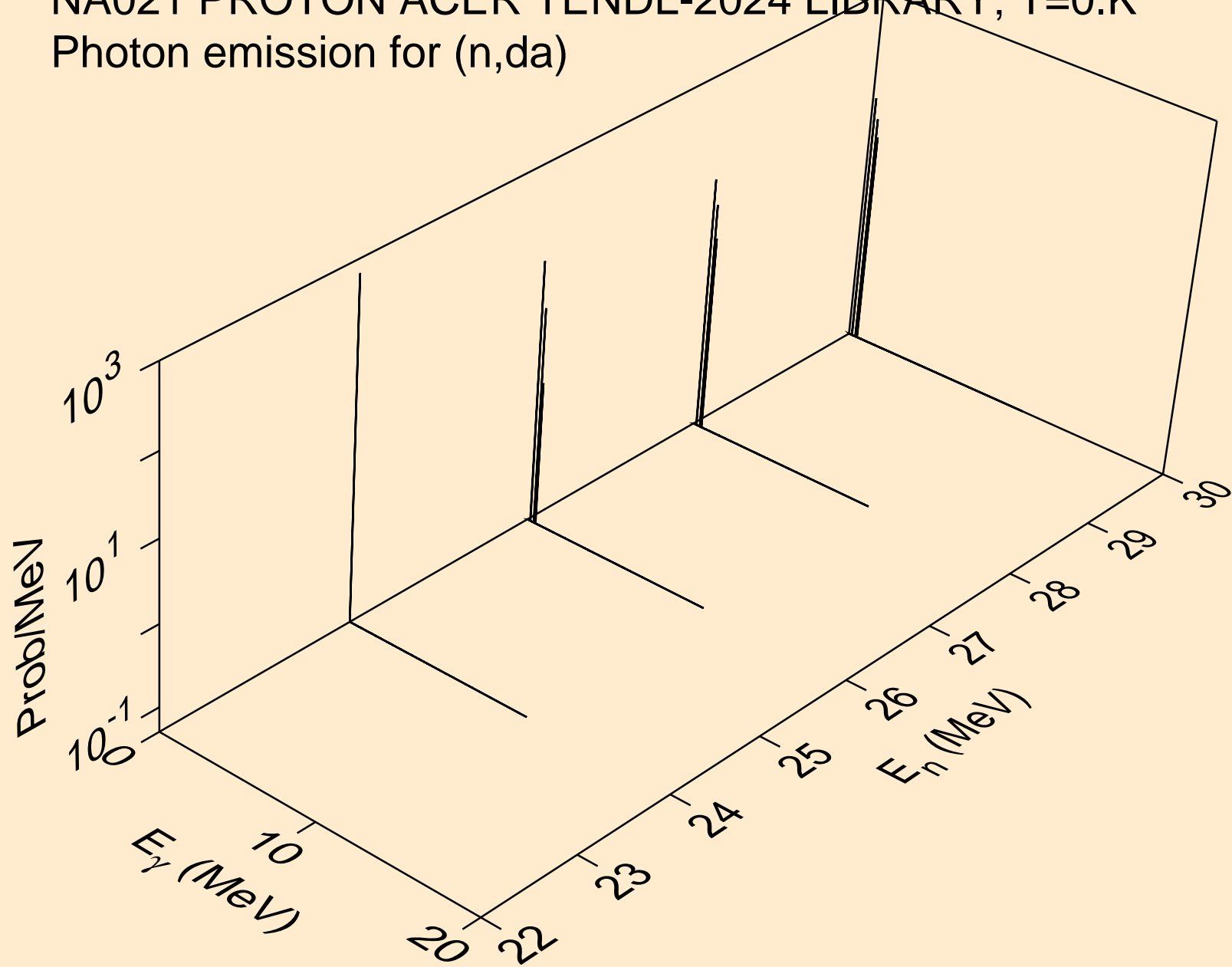
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

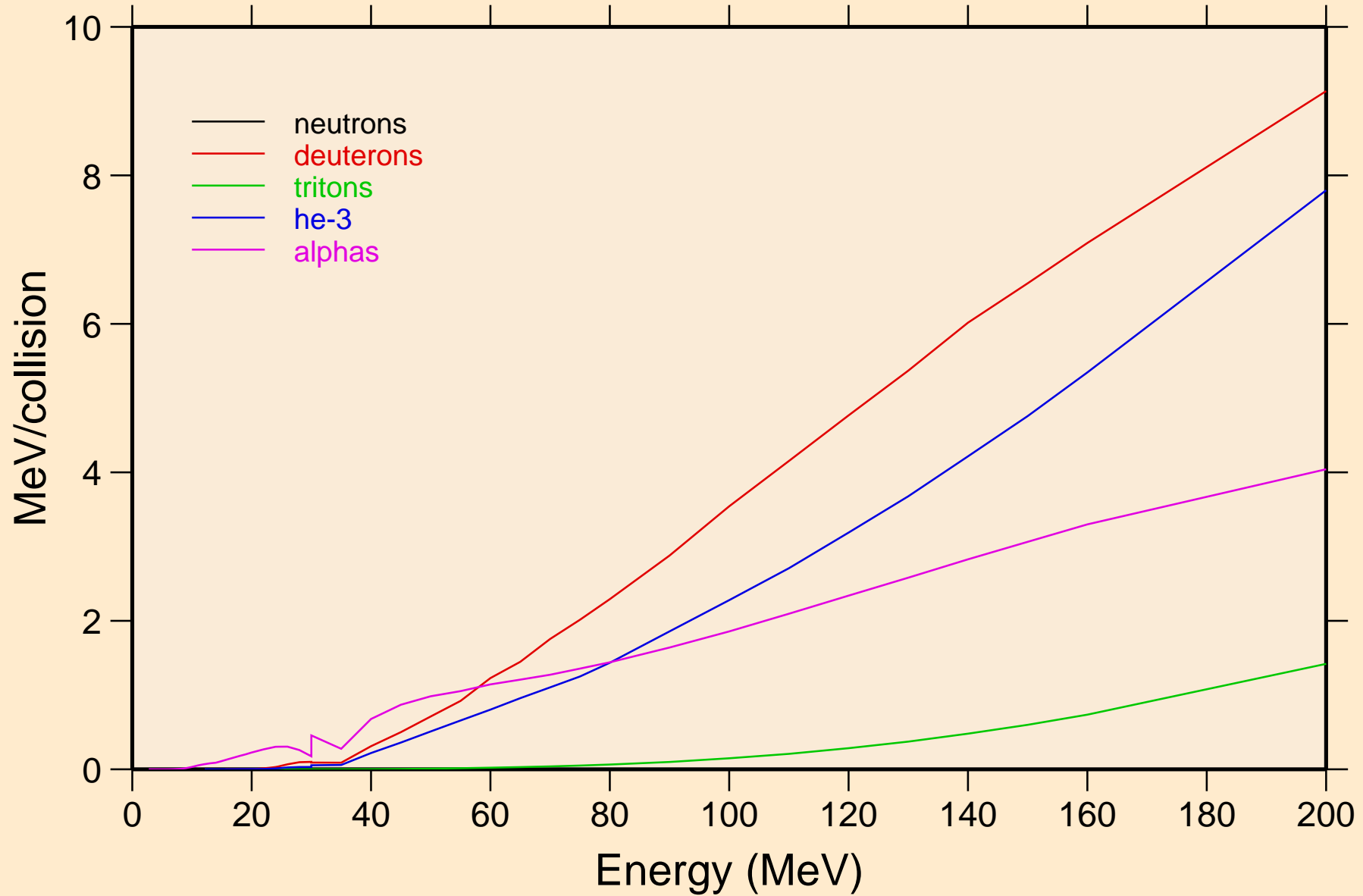


NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

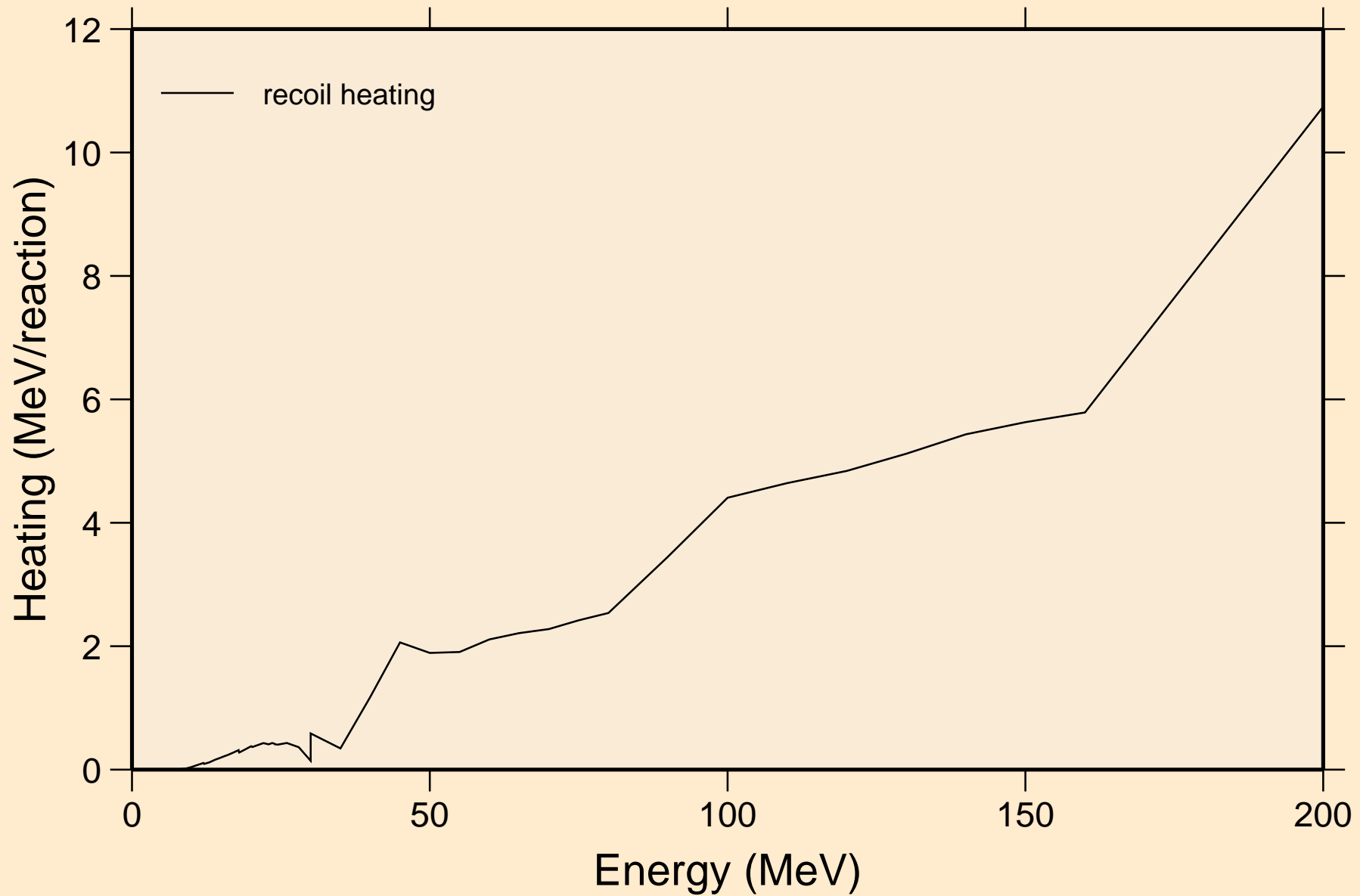


# NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K

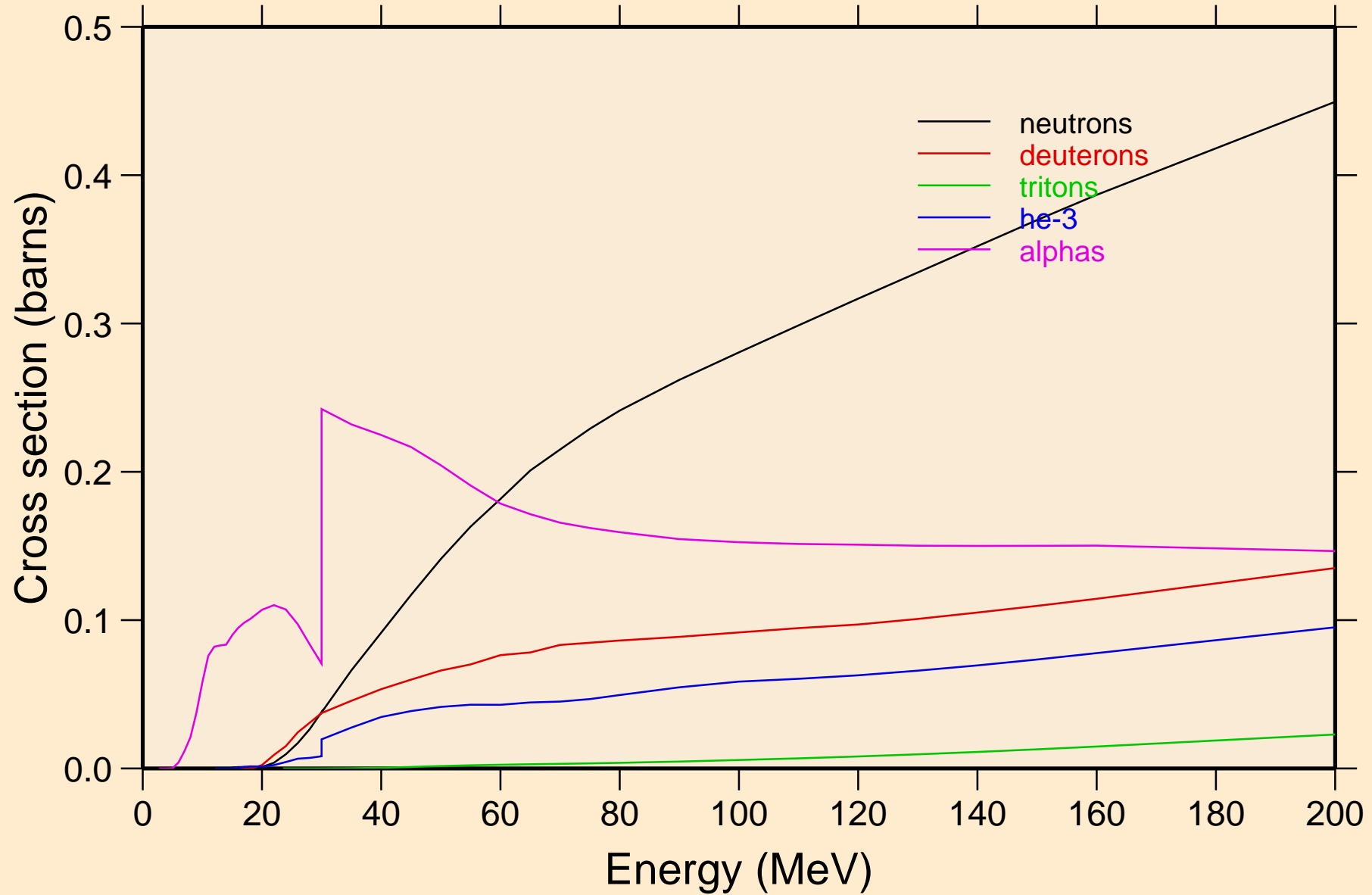
## Particle heating contributions



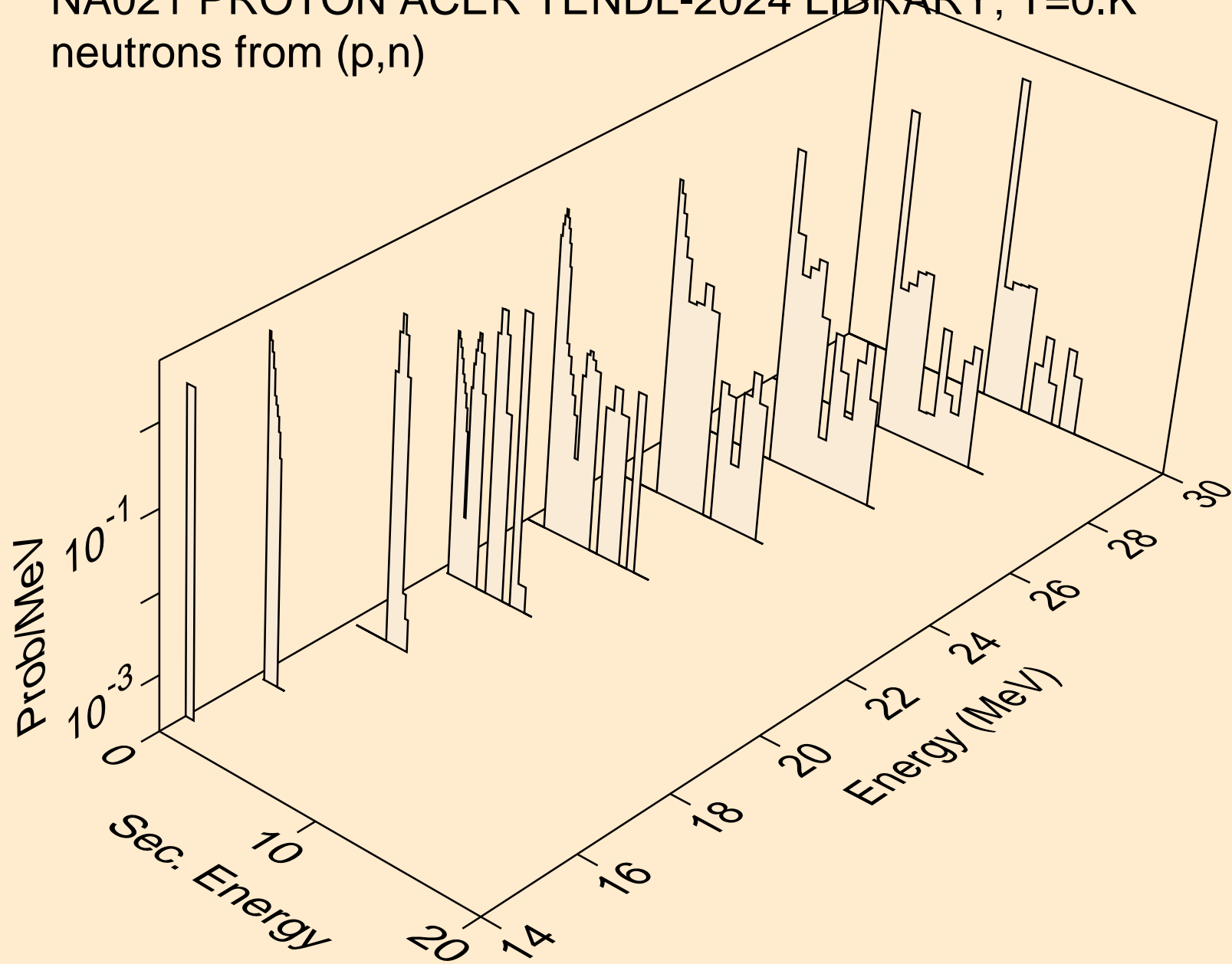
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



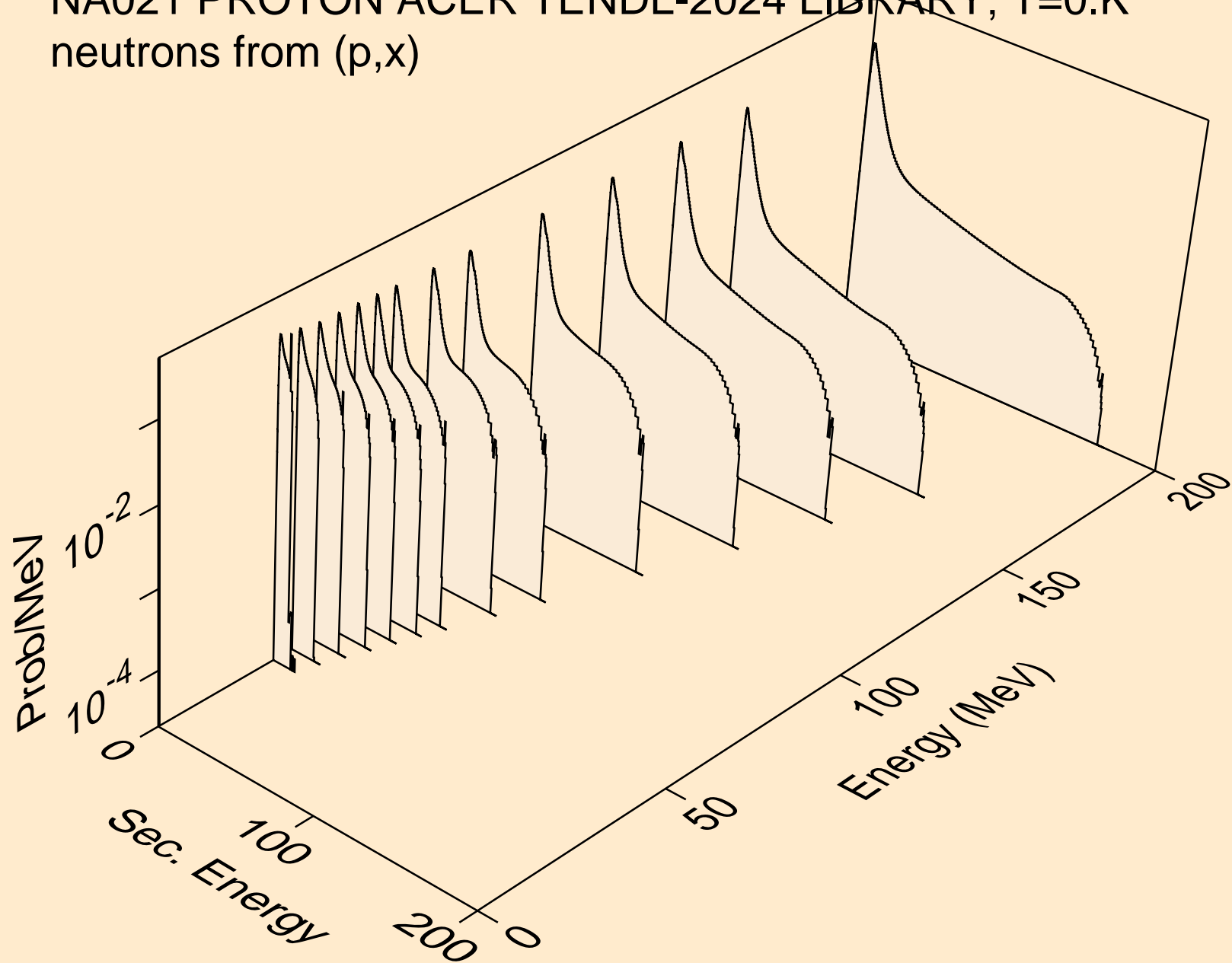
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



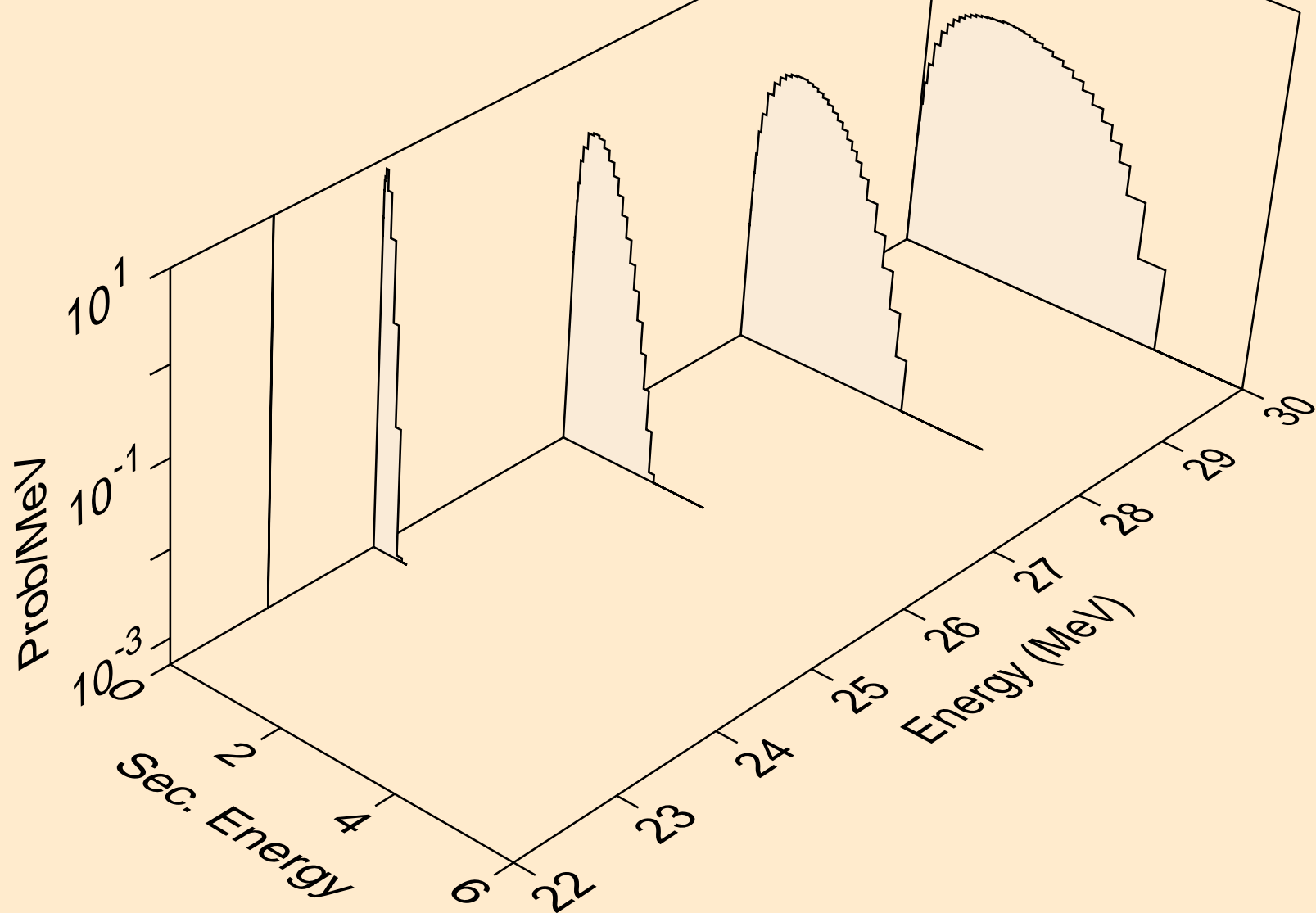
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



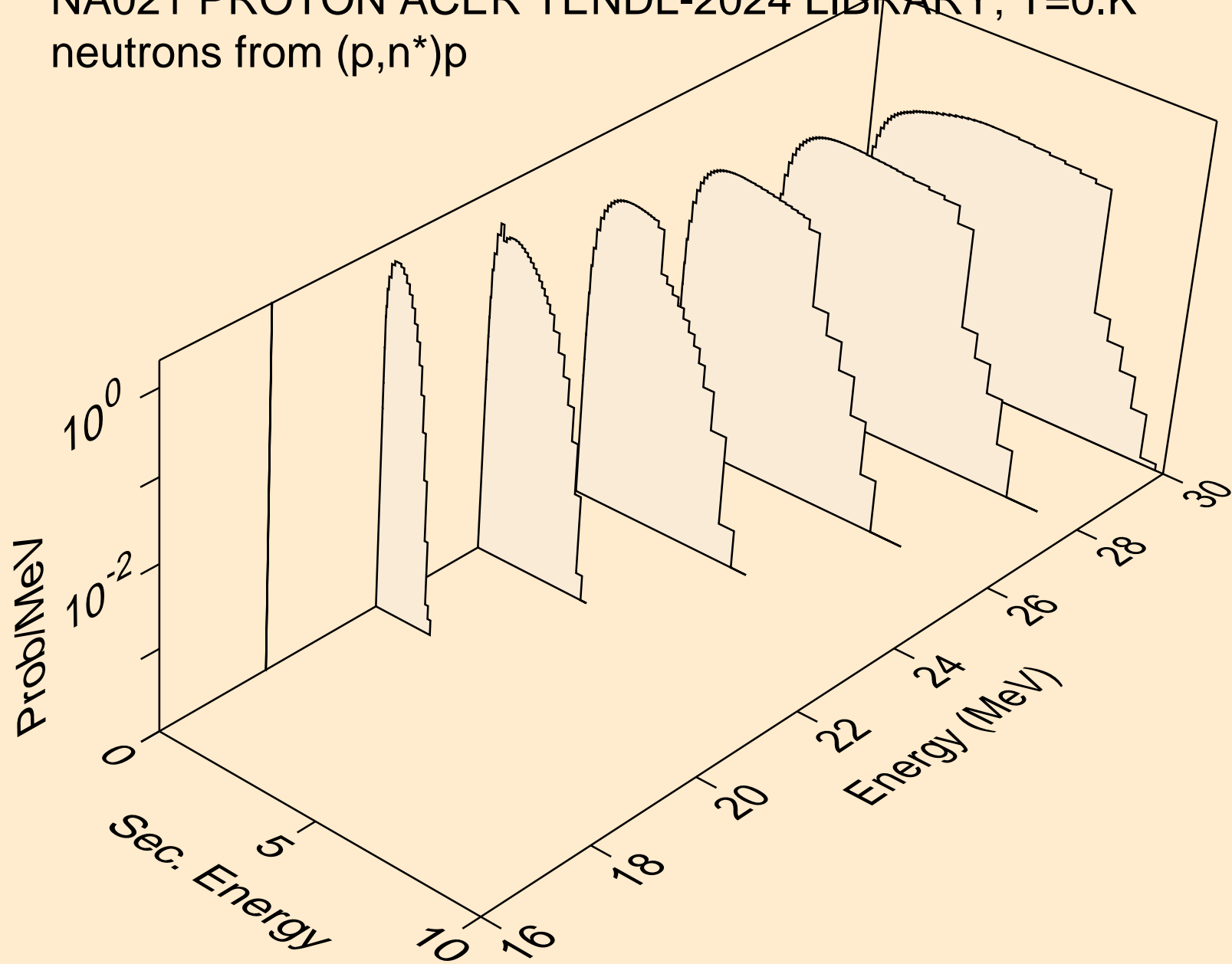
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



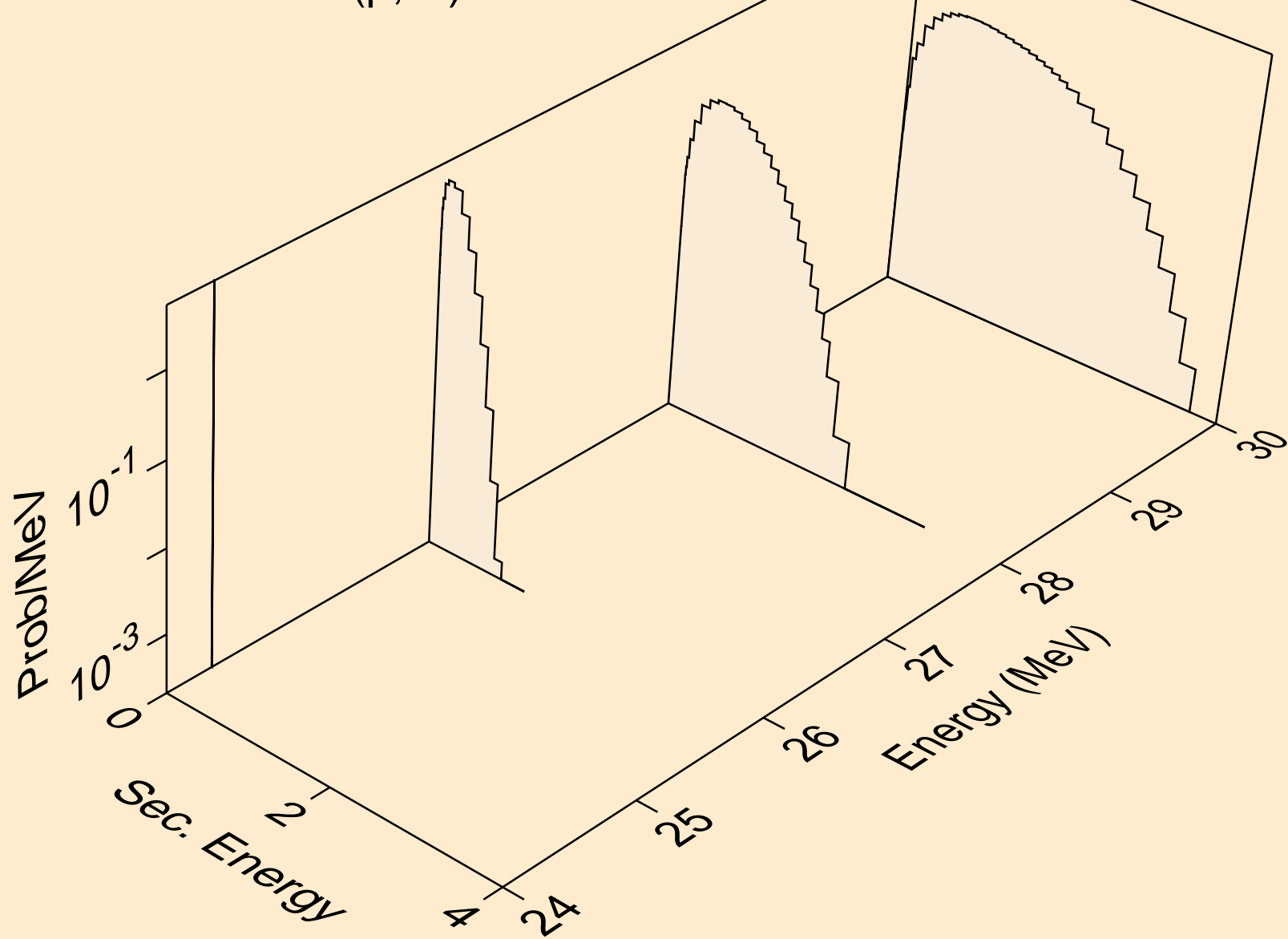
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



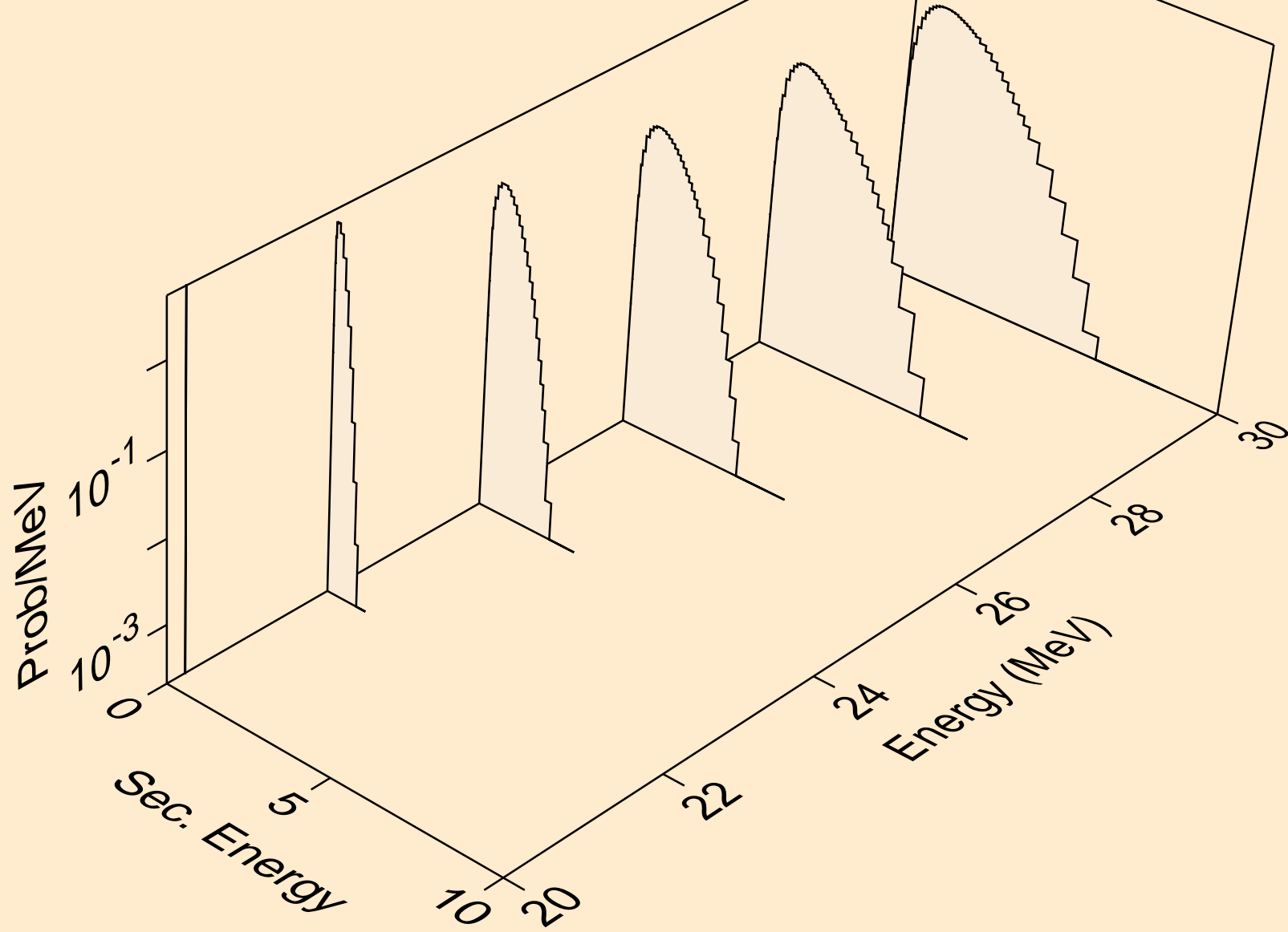
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



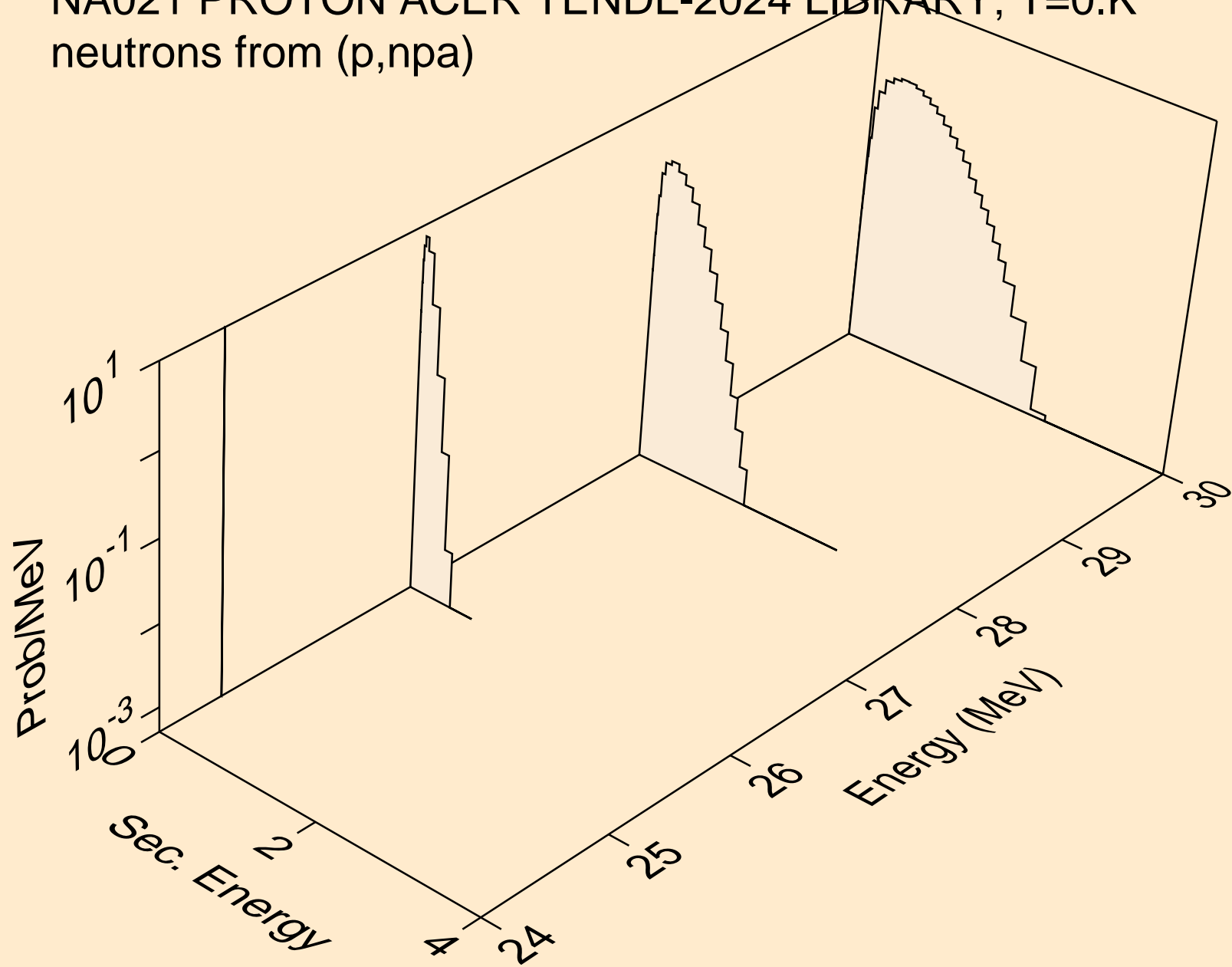
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



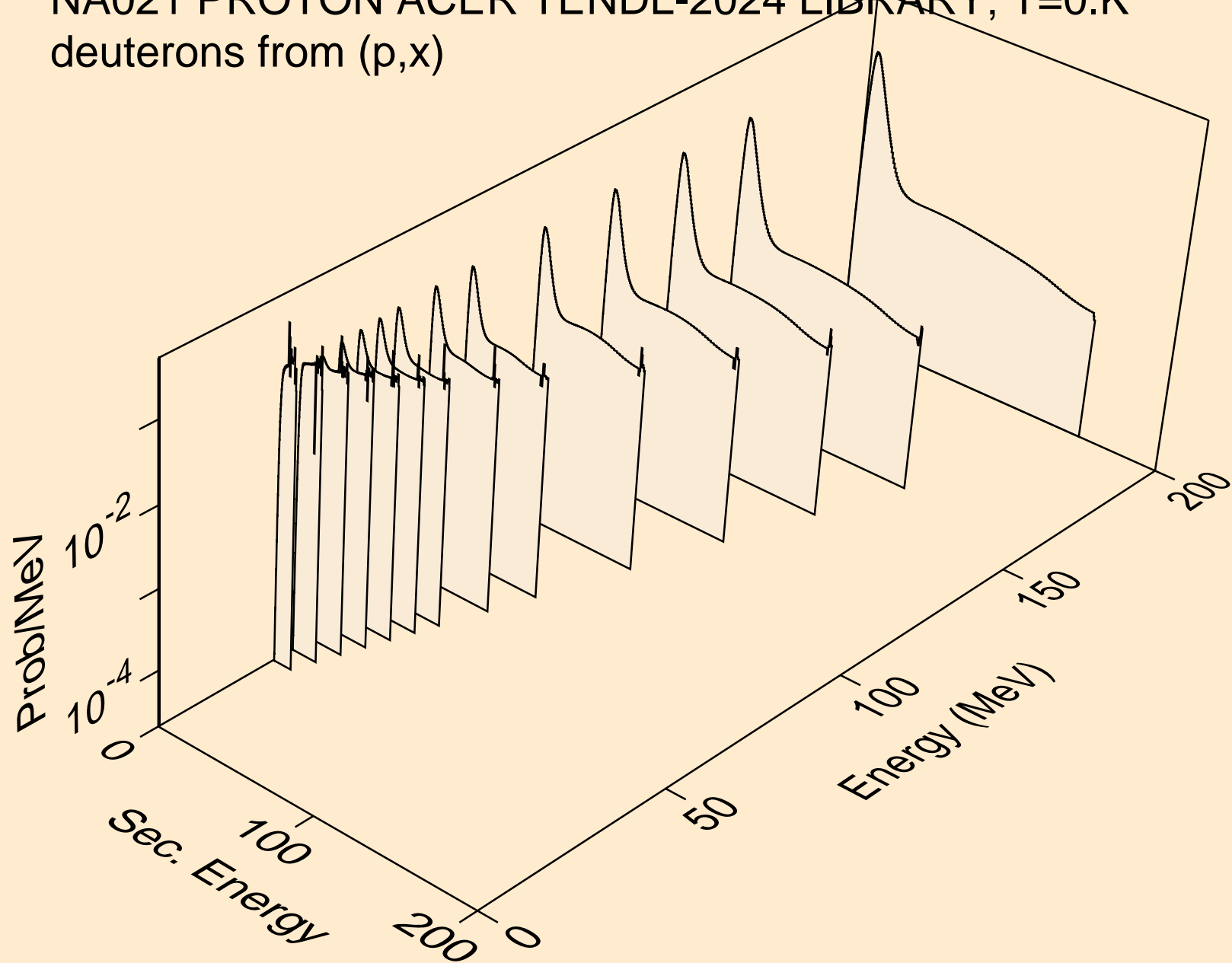
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



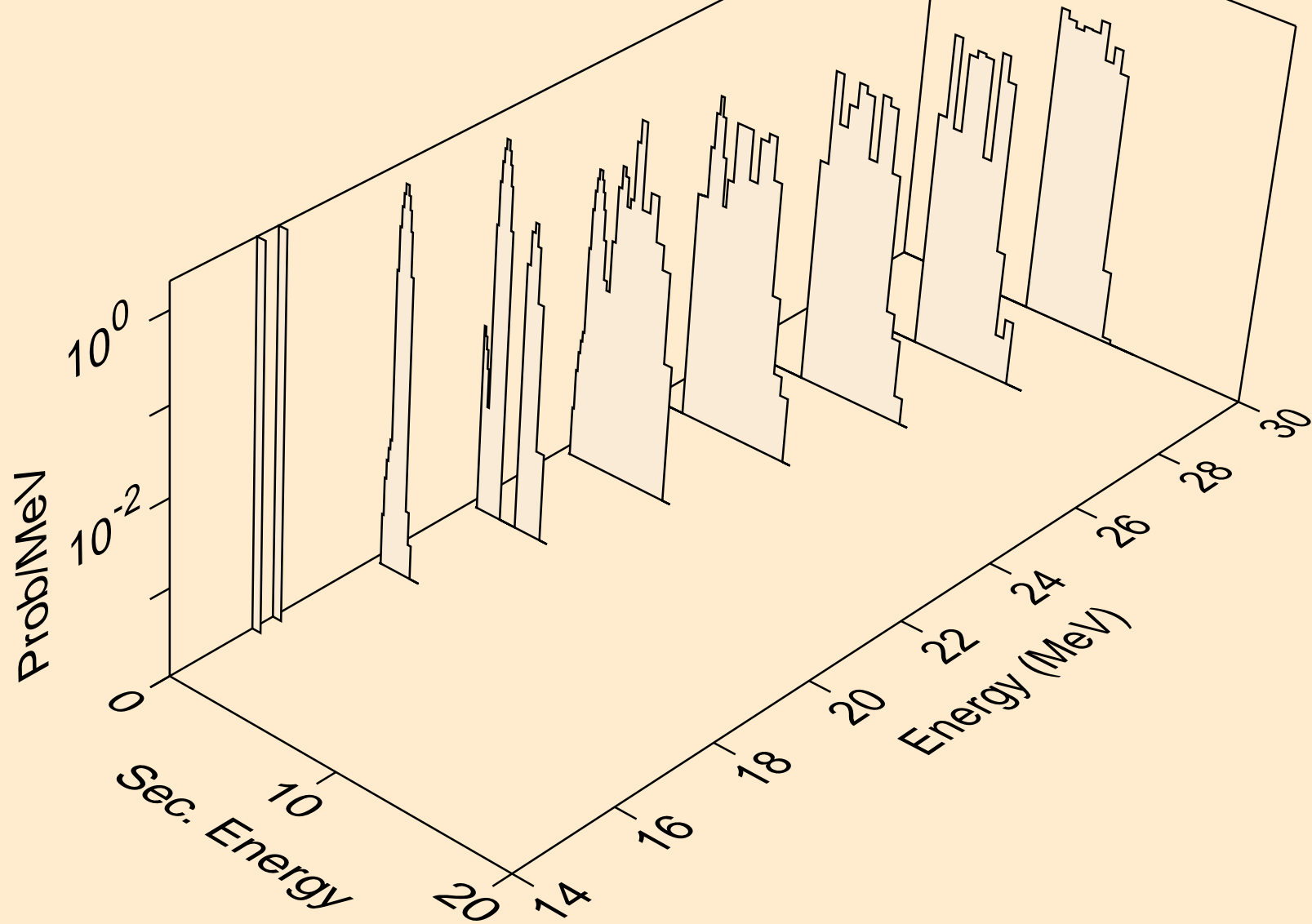
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



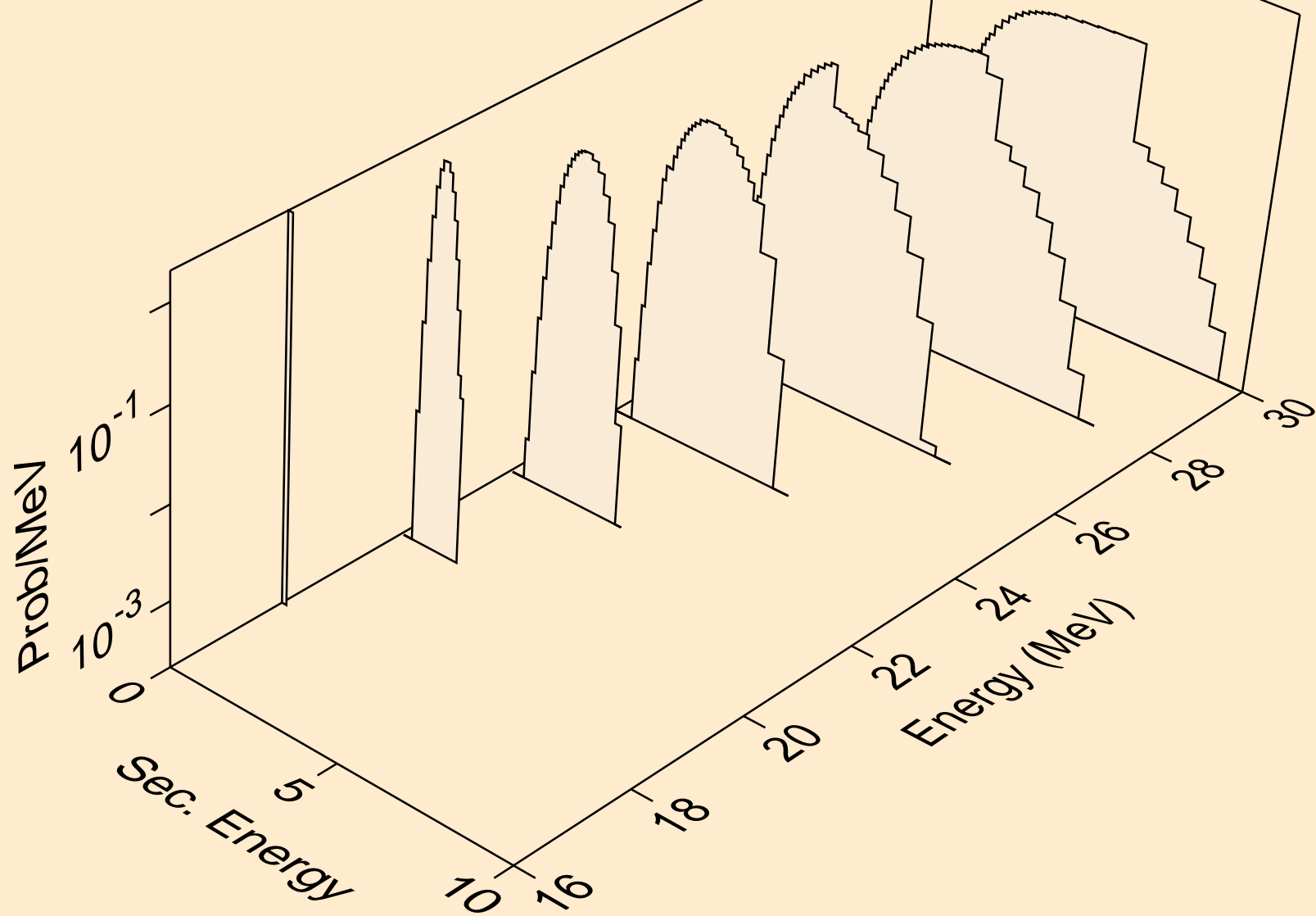
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



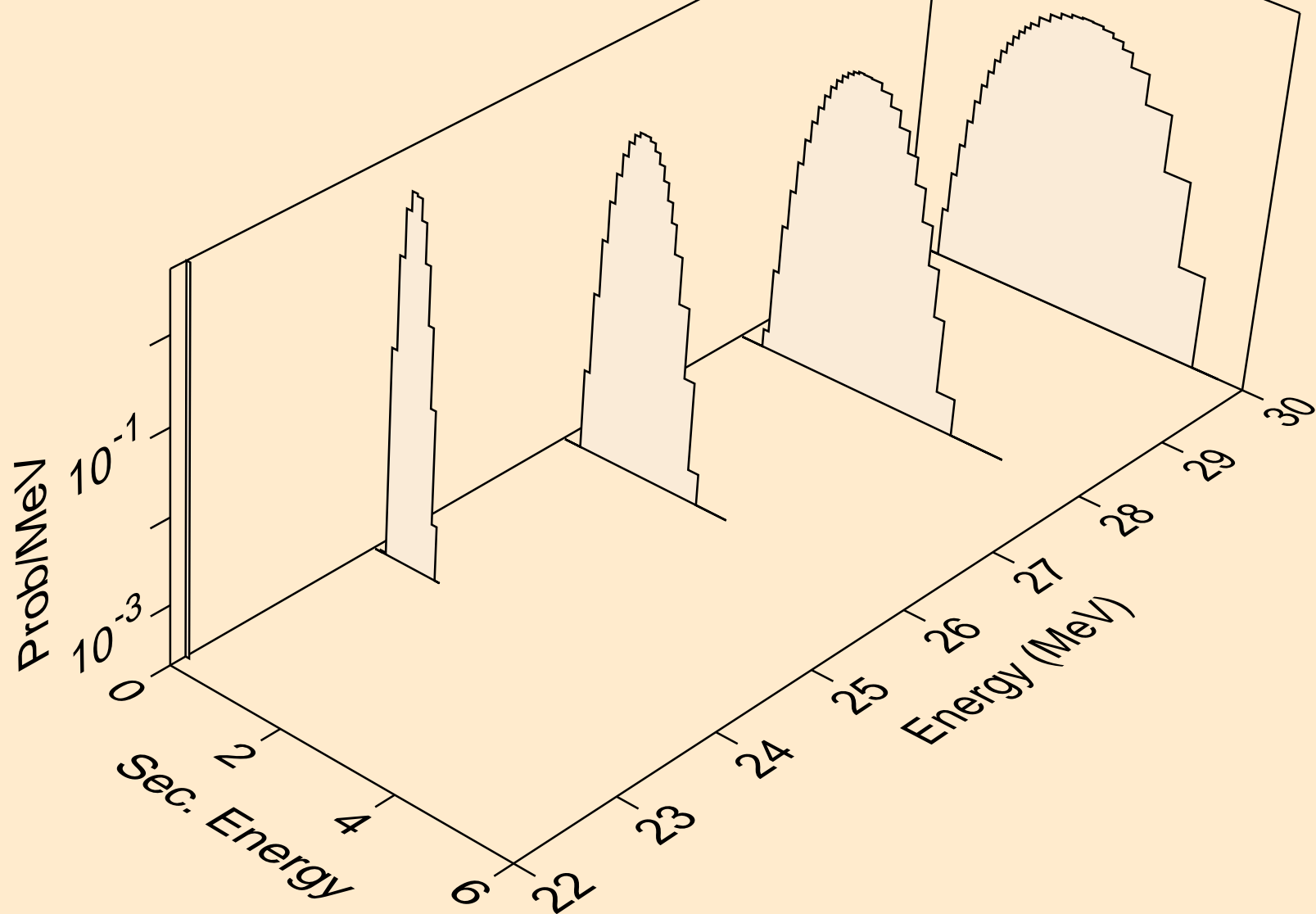
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



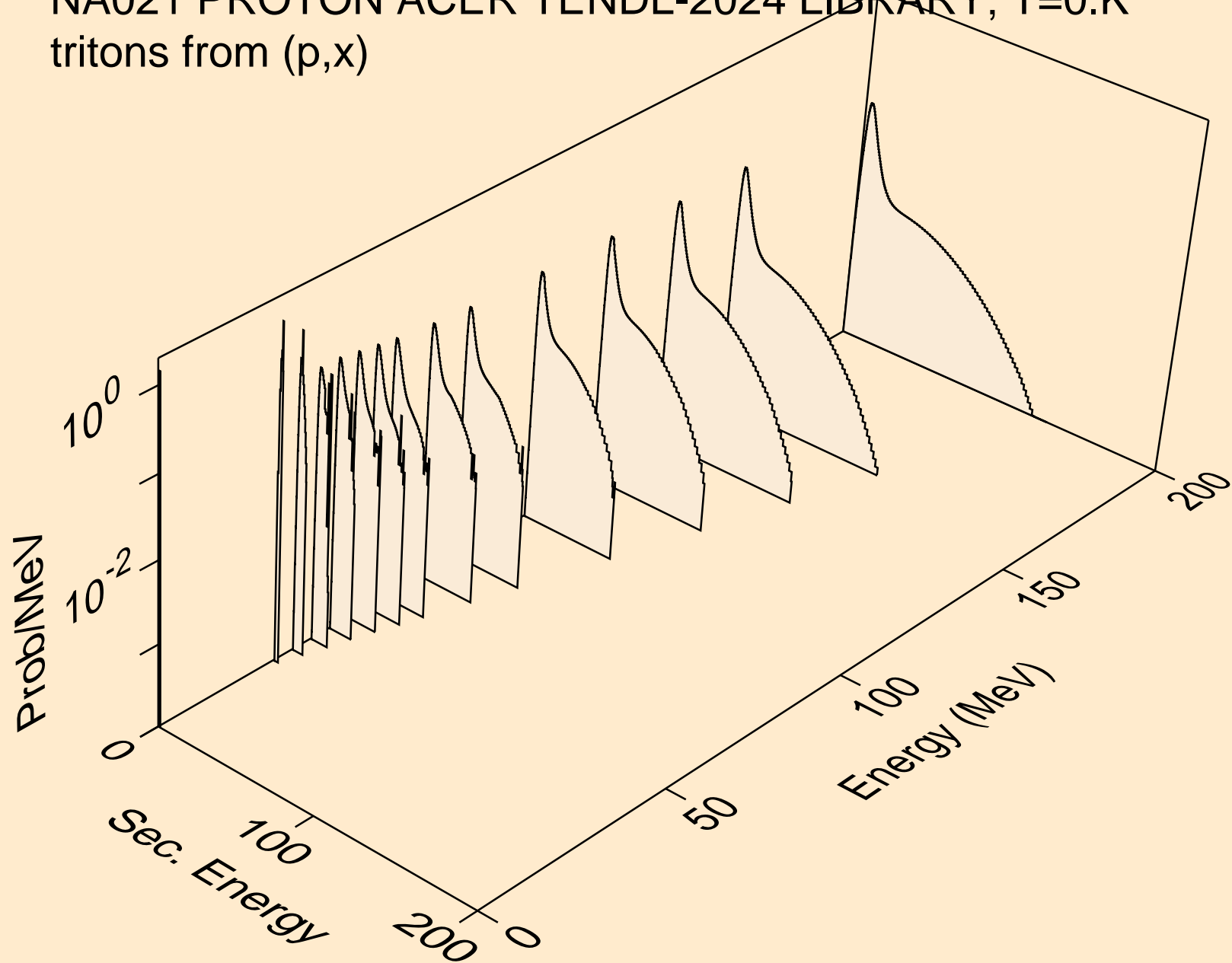
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



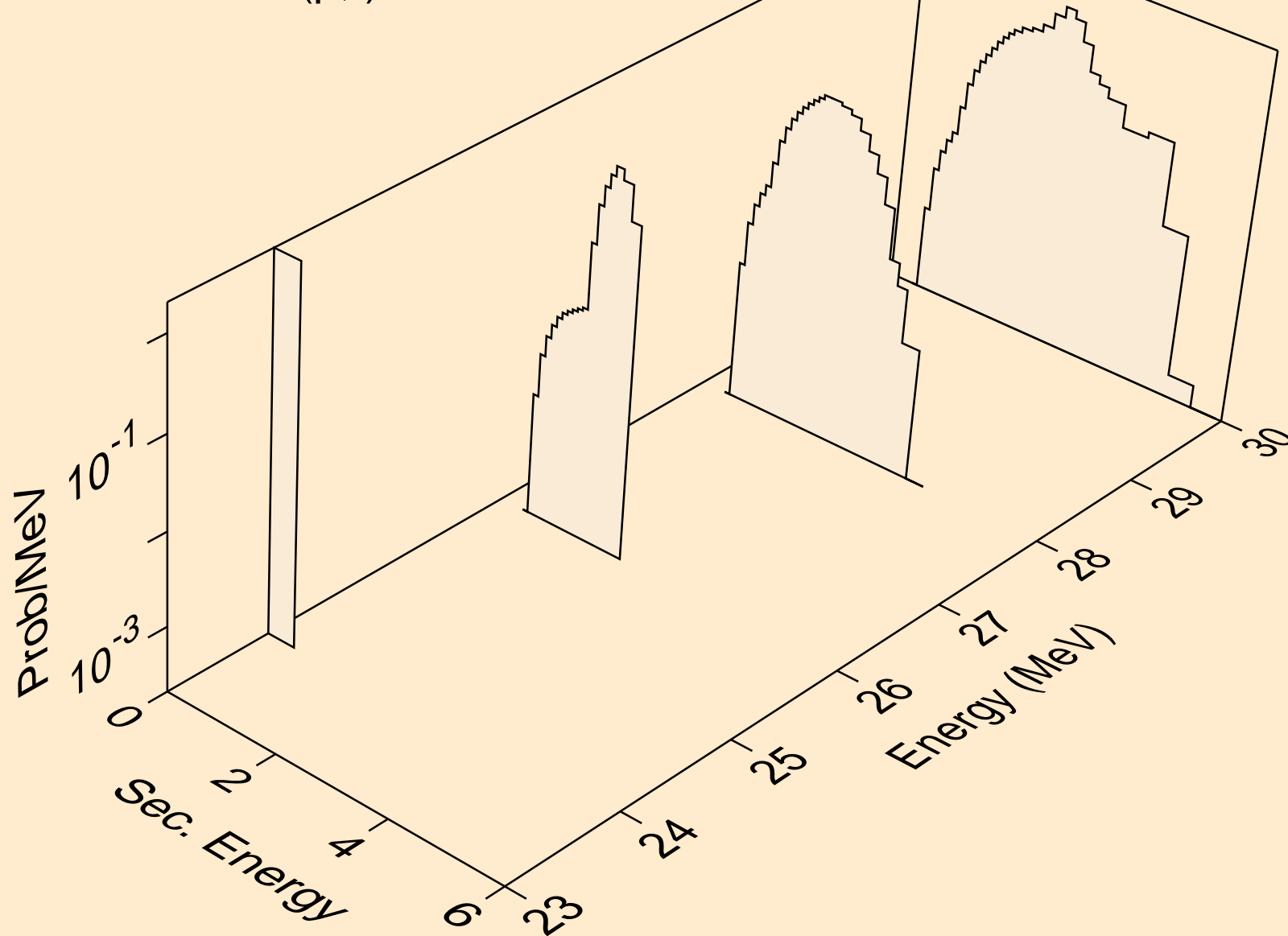
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



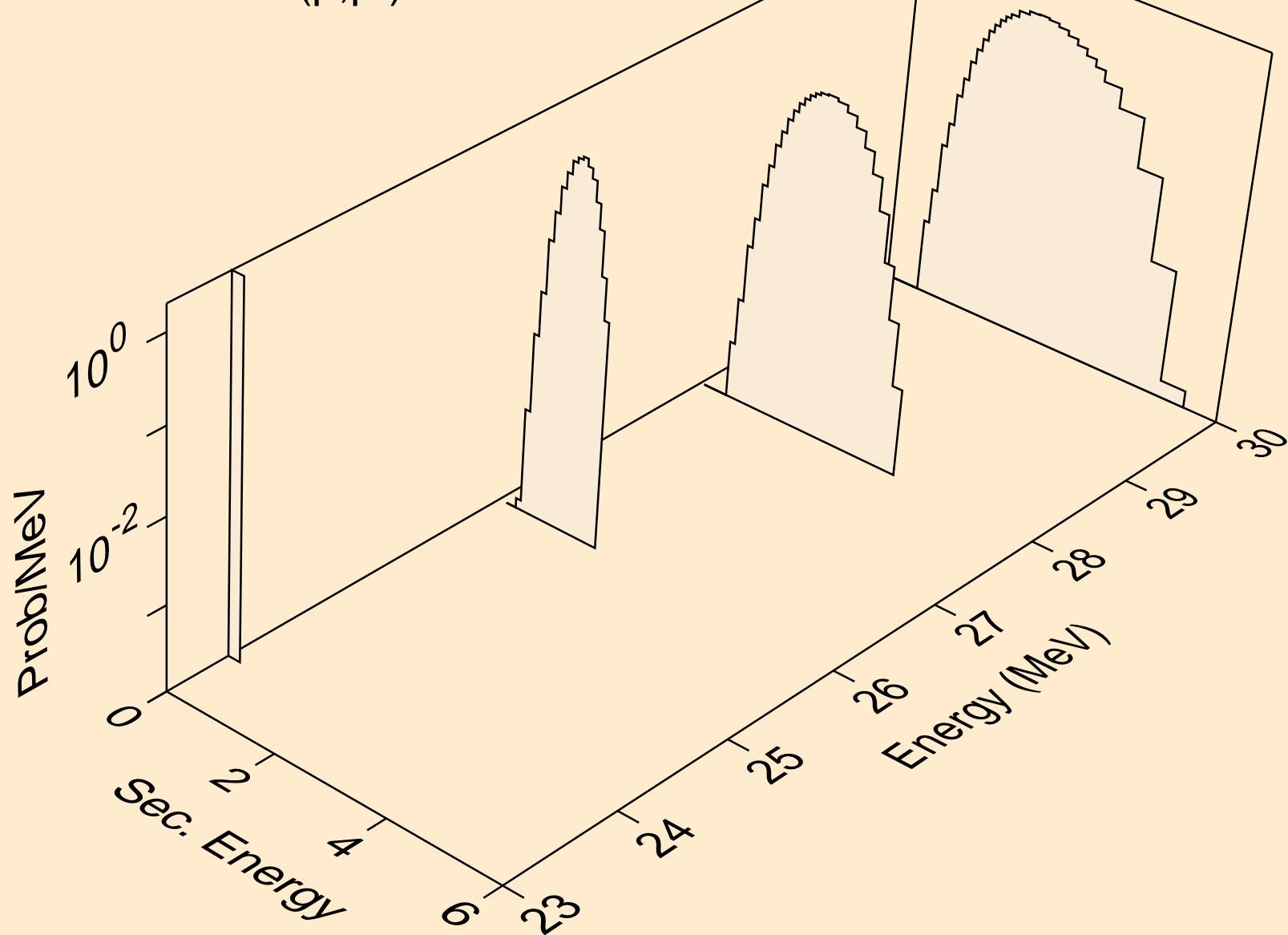
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



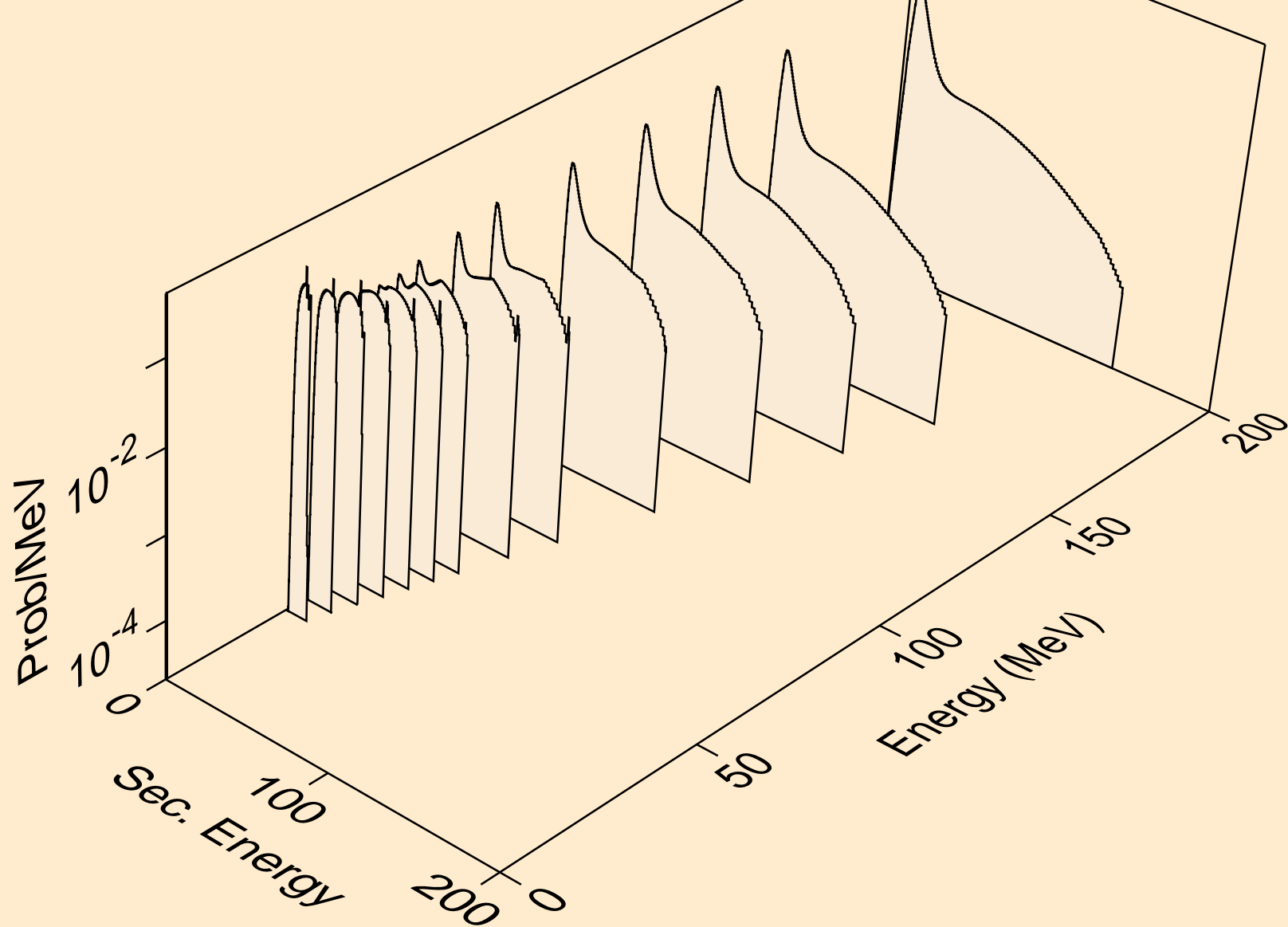
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



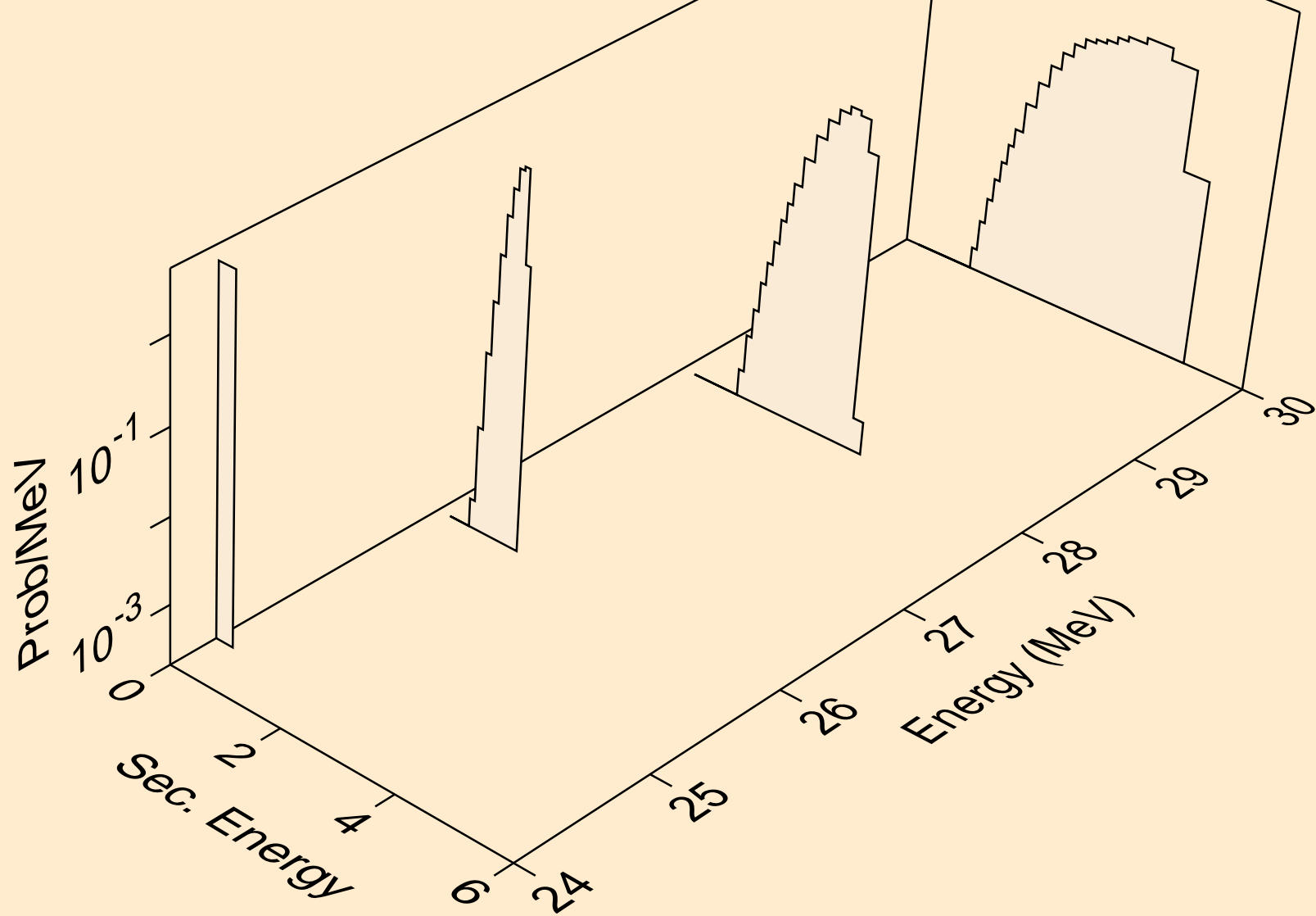
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



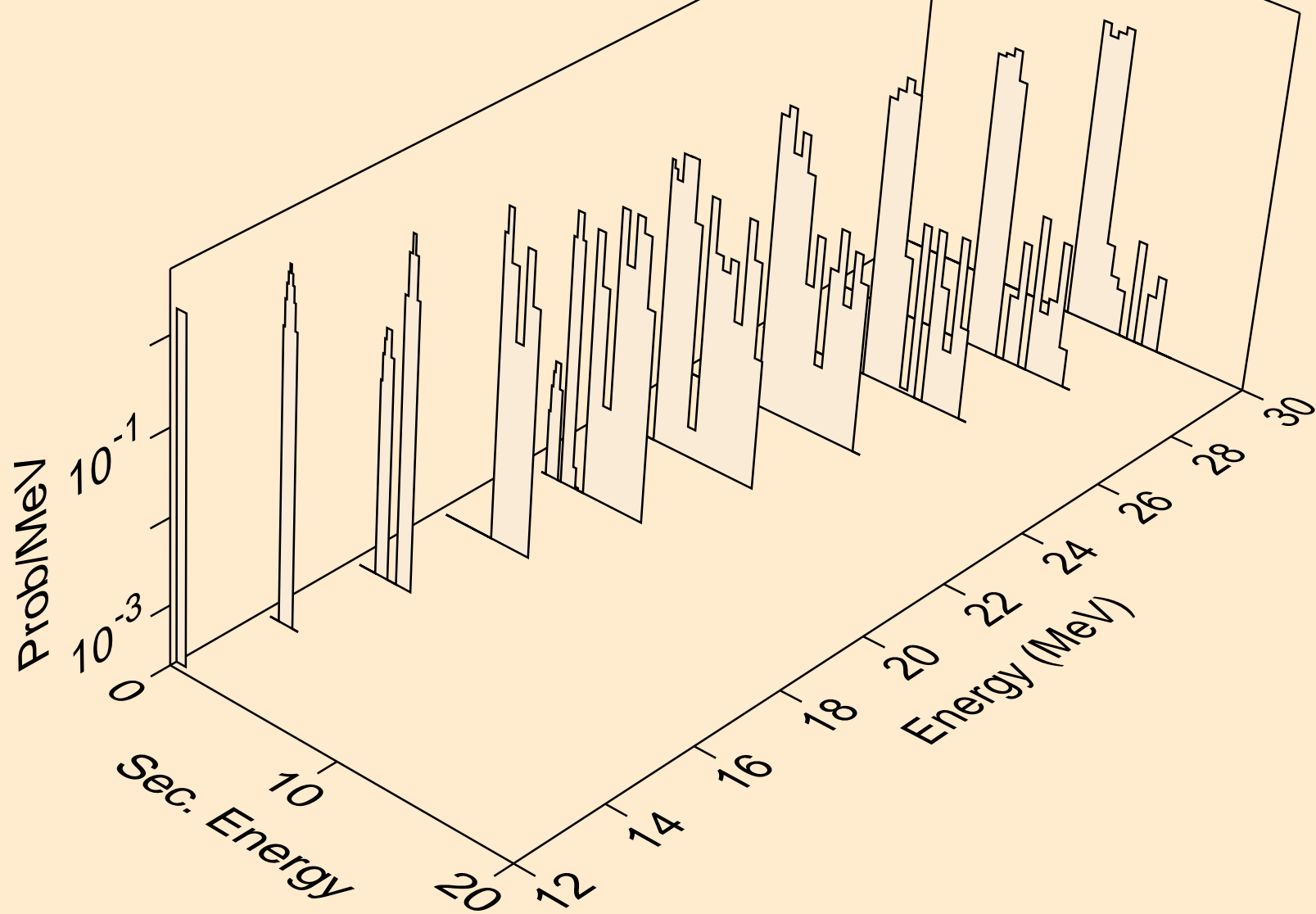
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



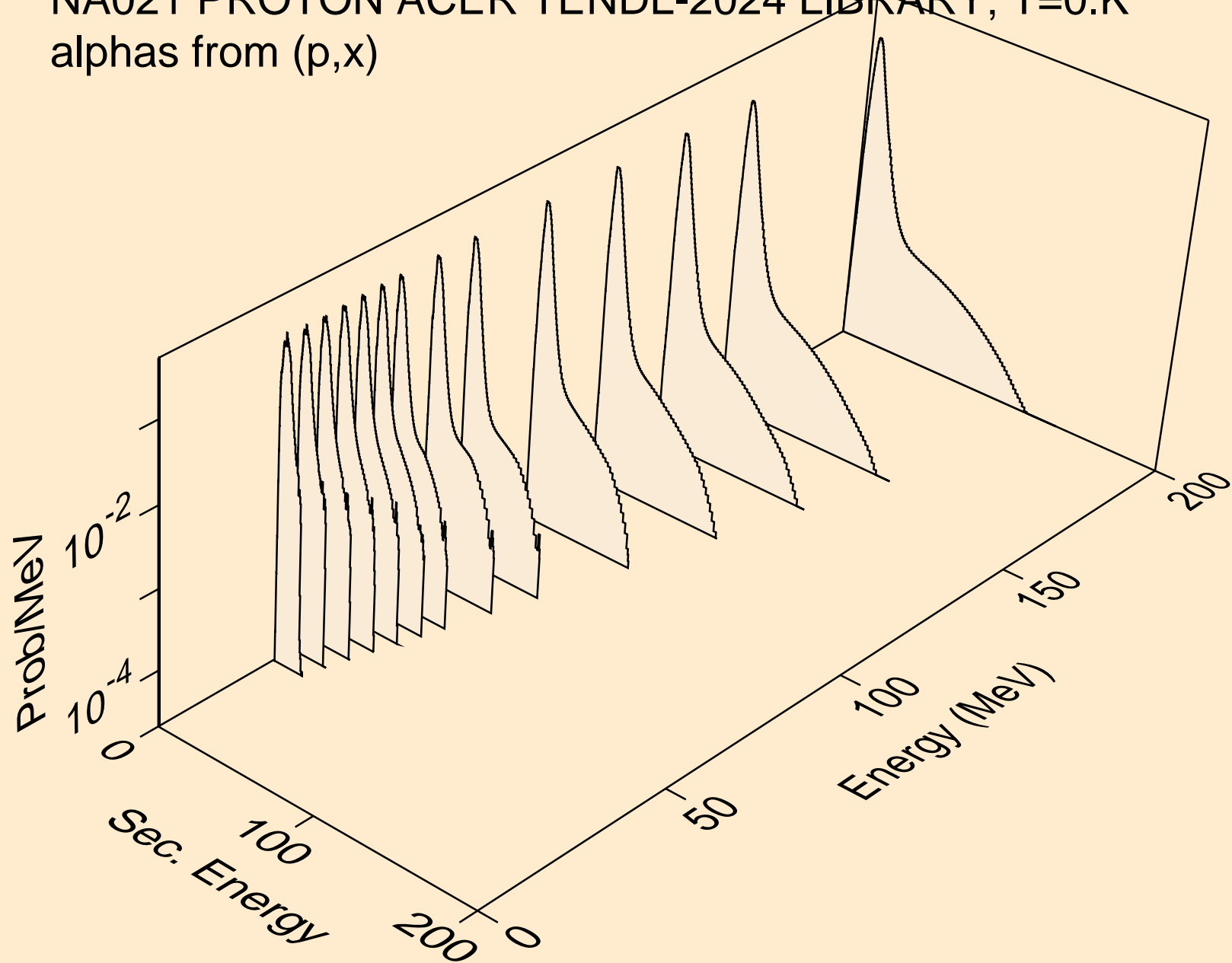
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



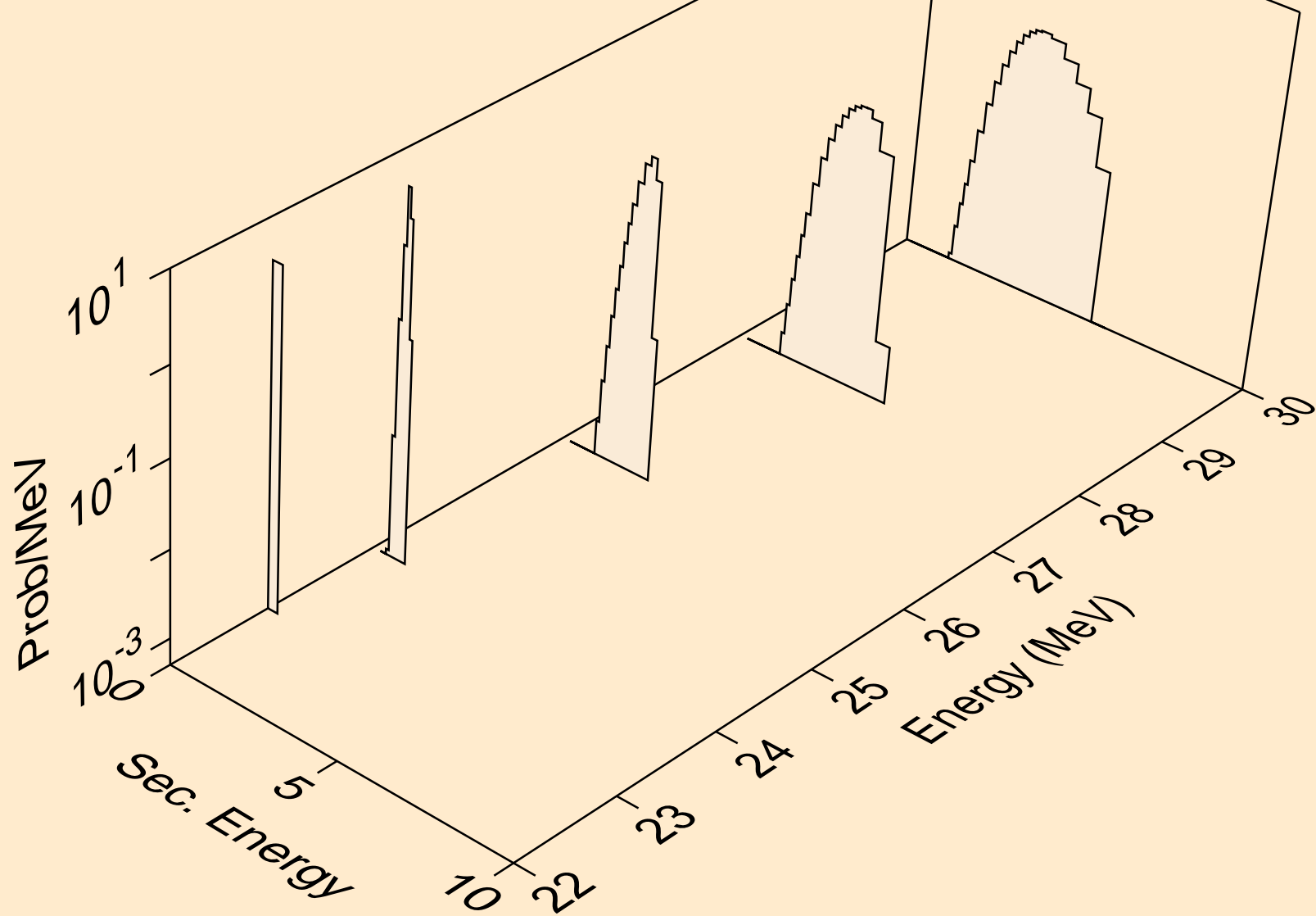
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



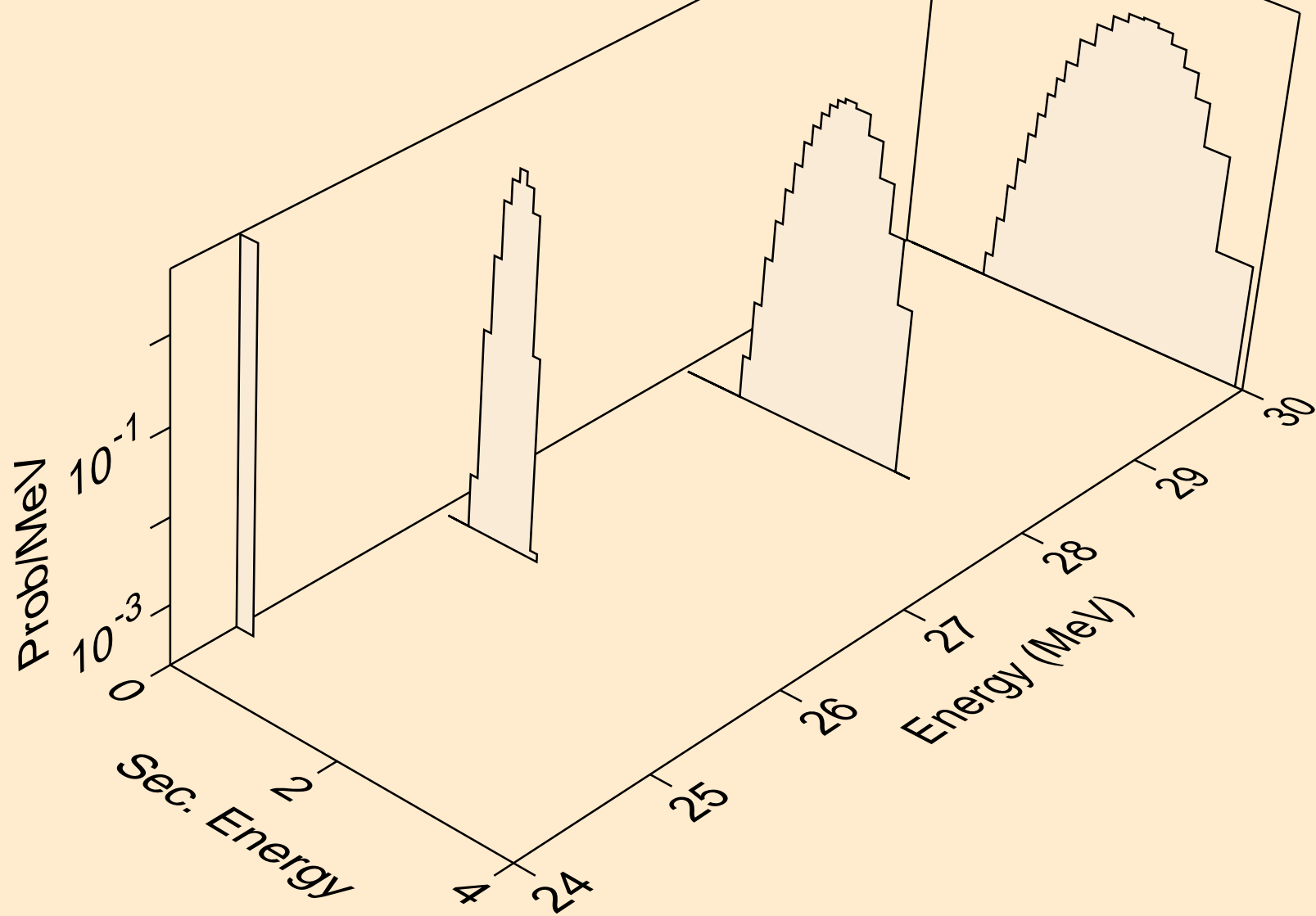
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



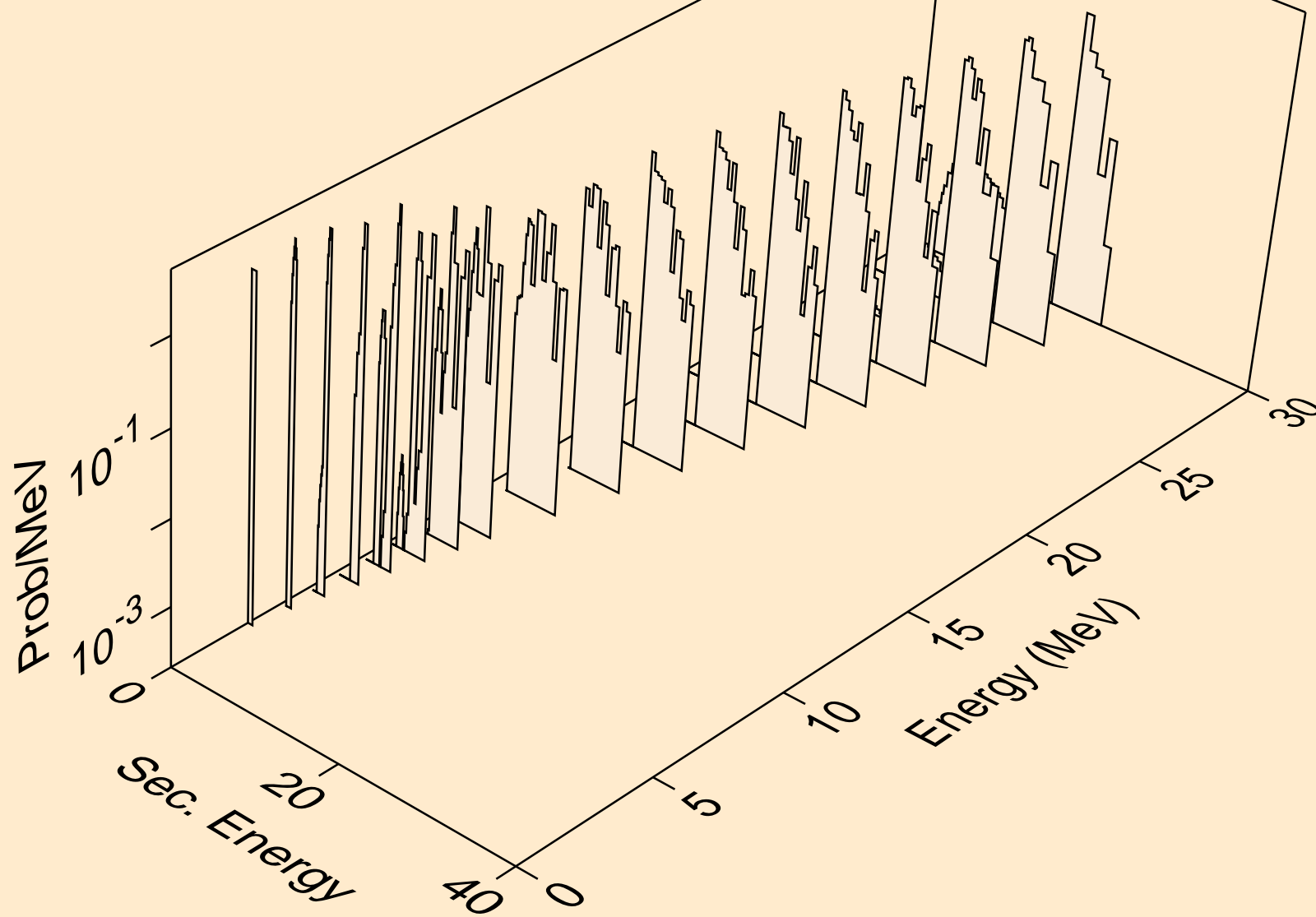
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



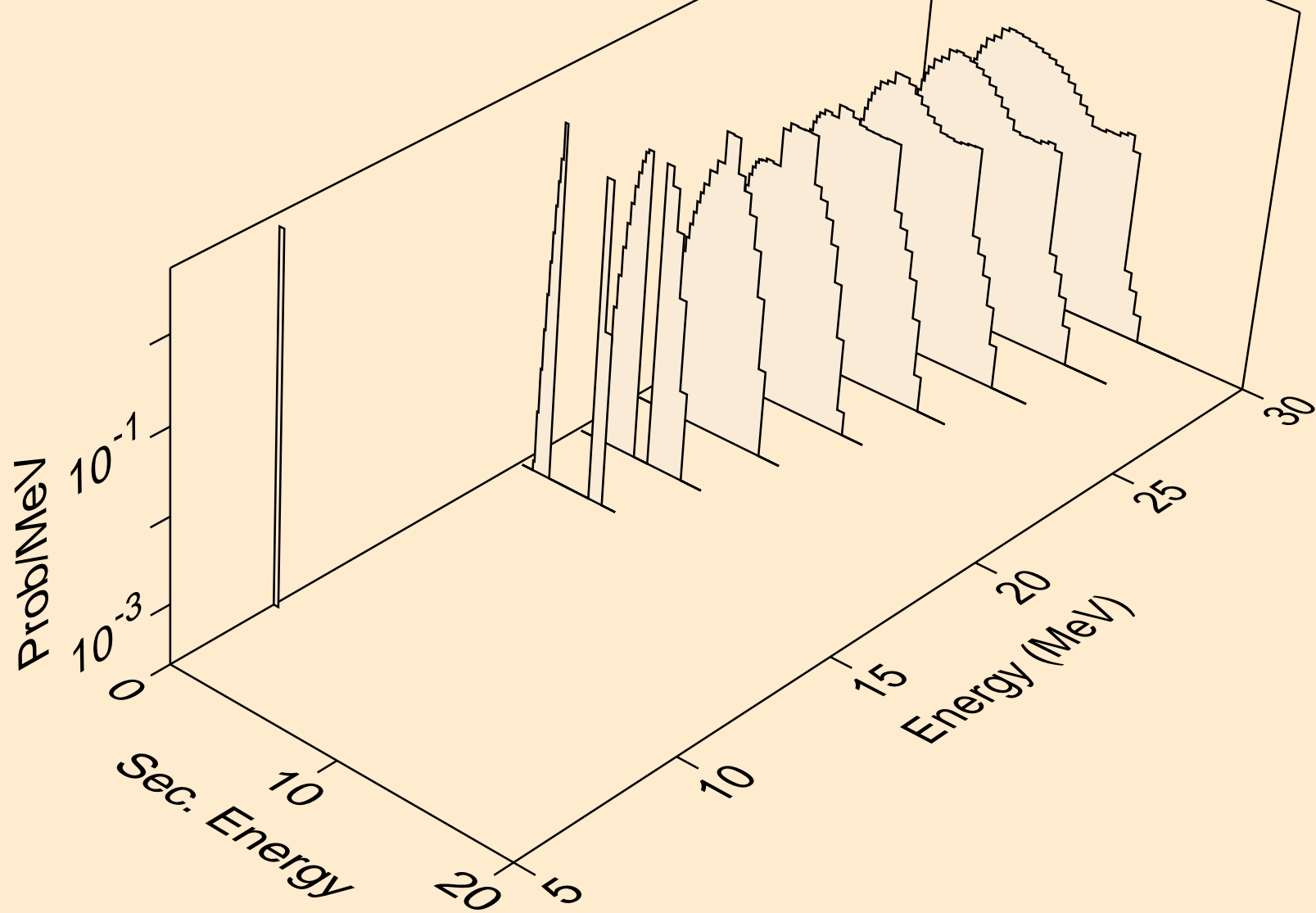
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



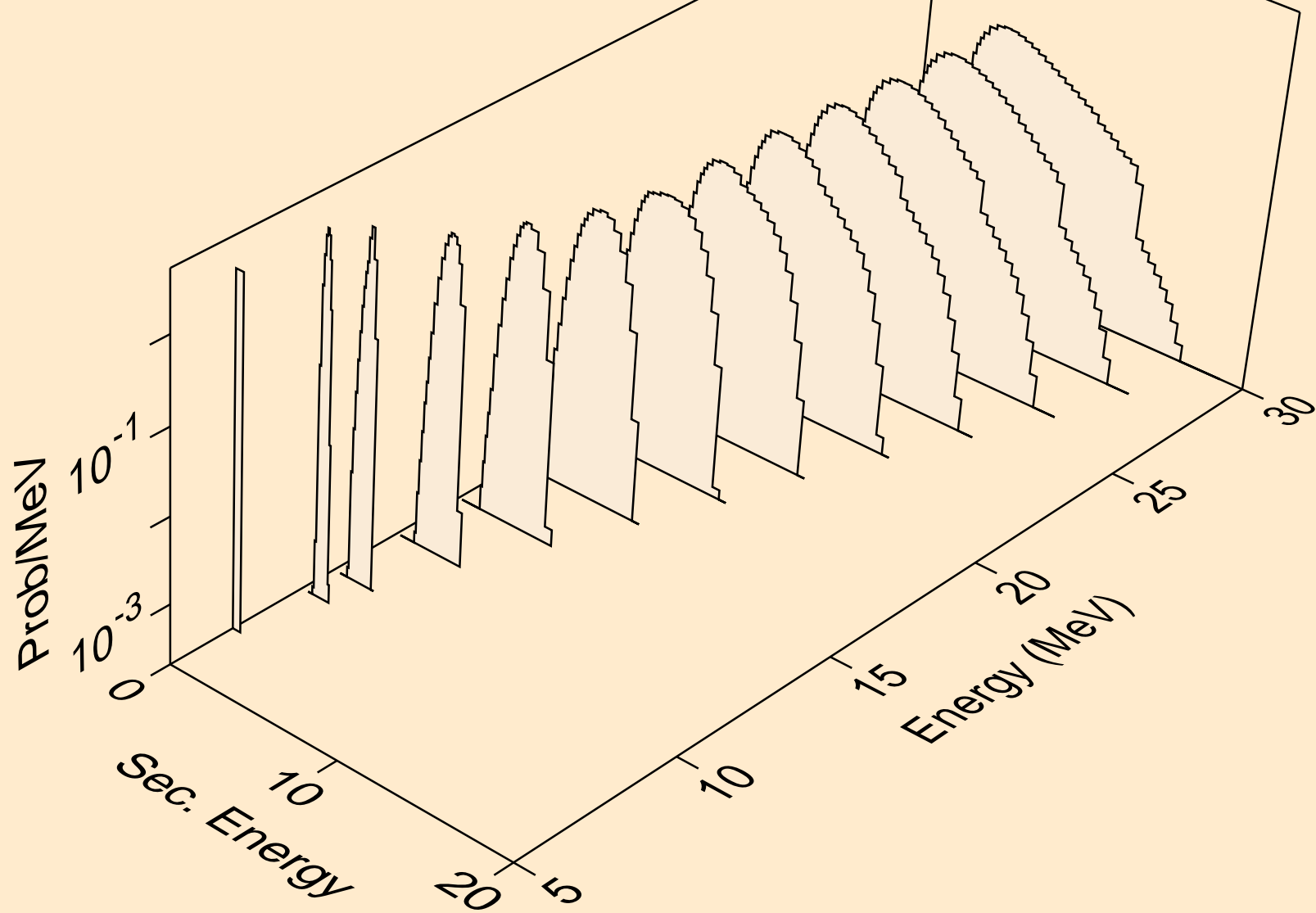
NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



NA021 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

