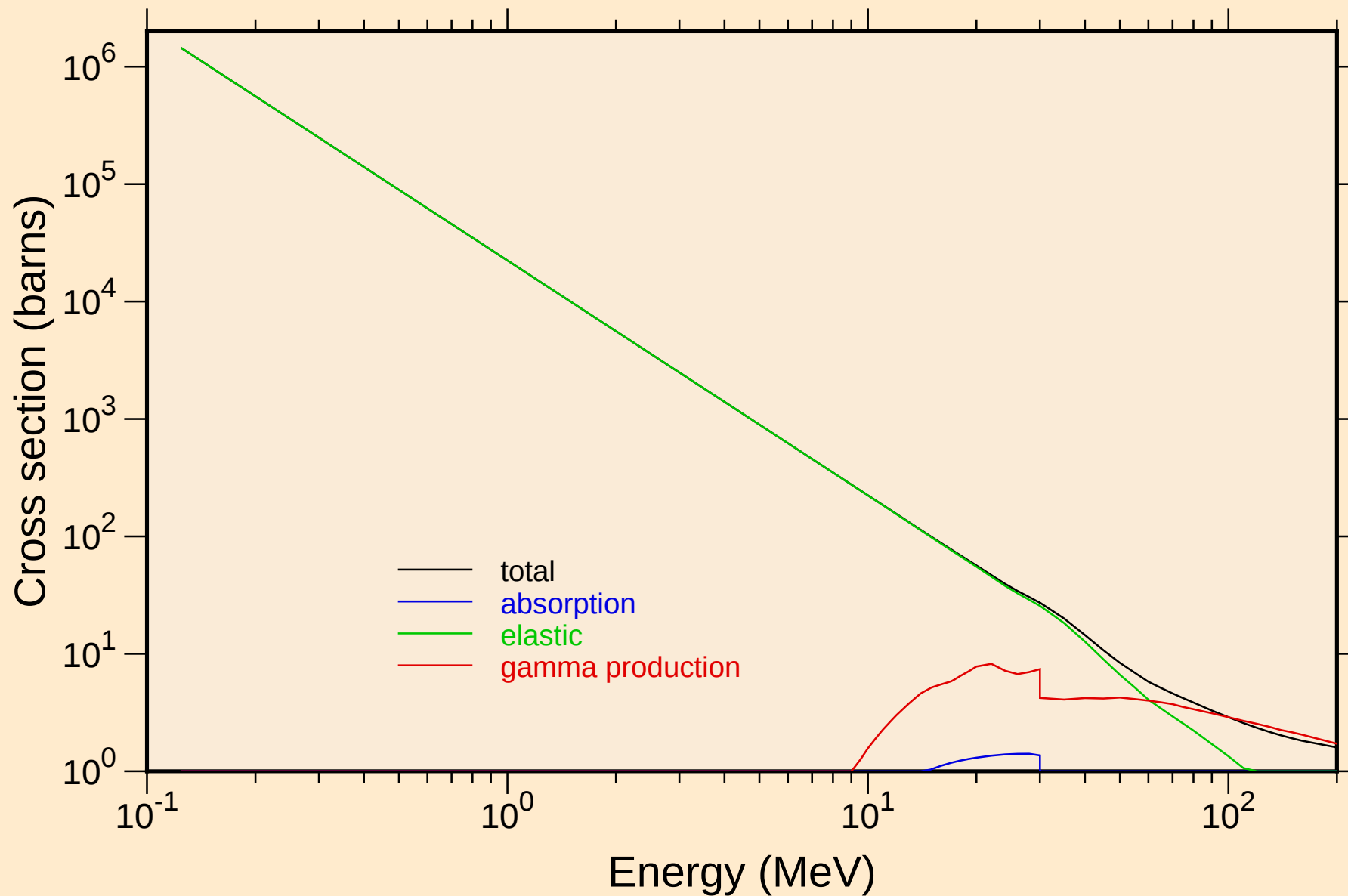


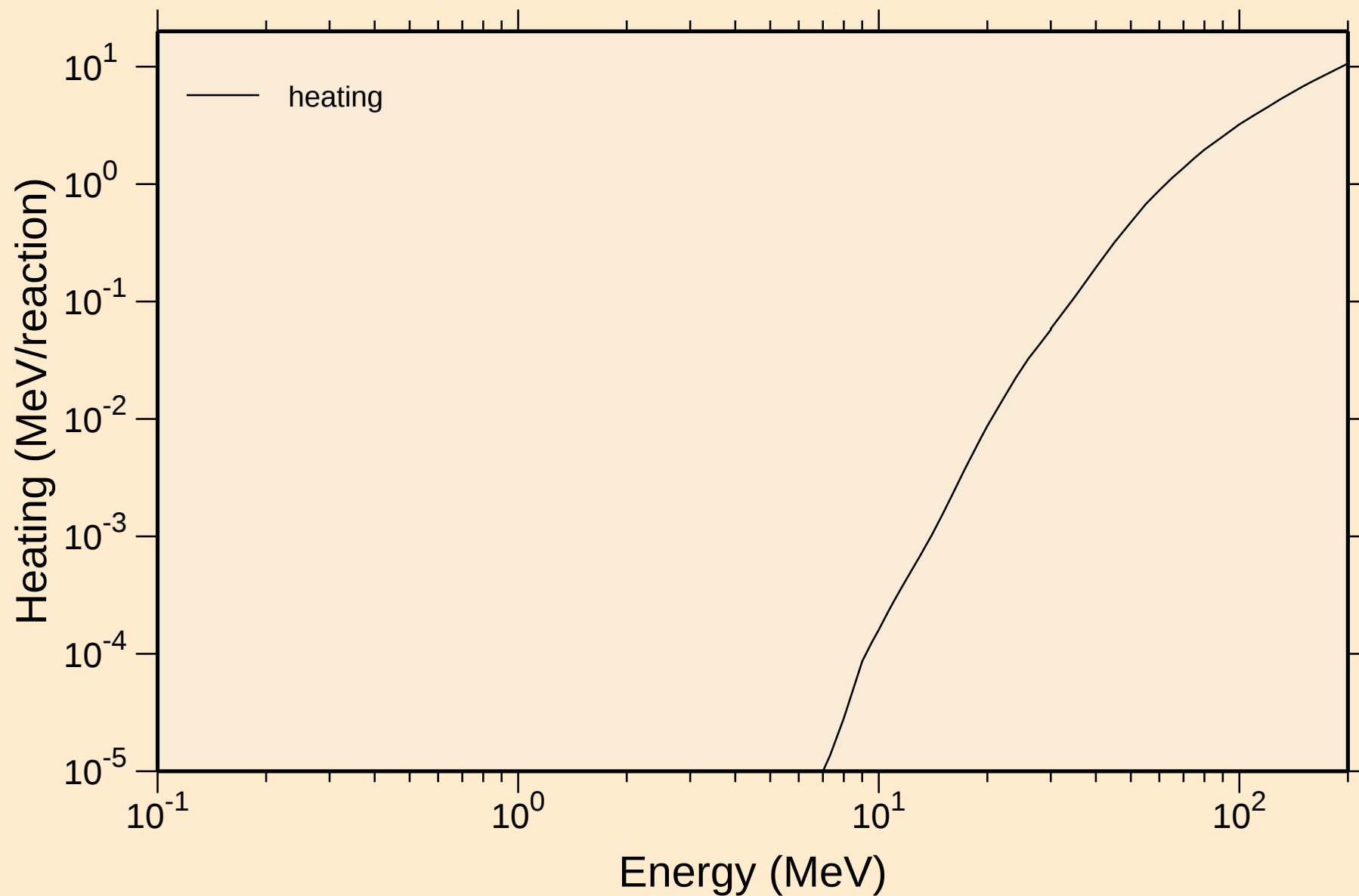
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



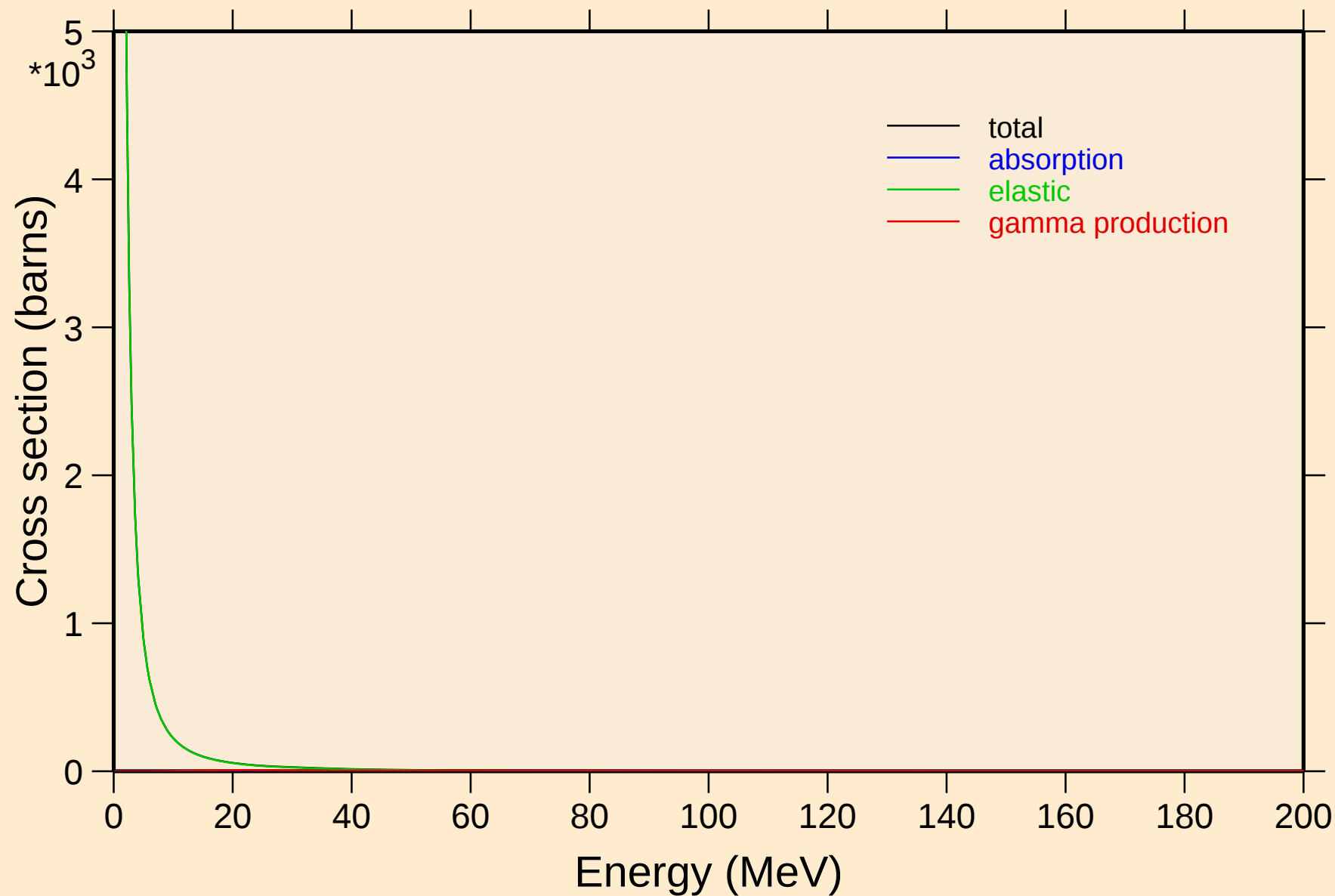
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



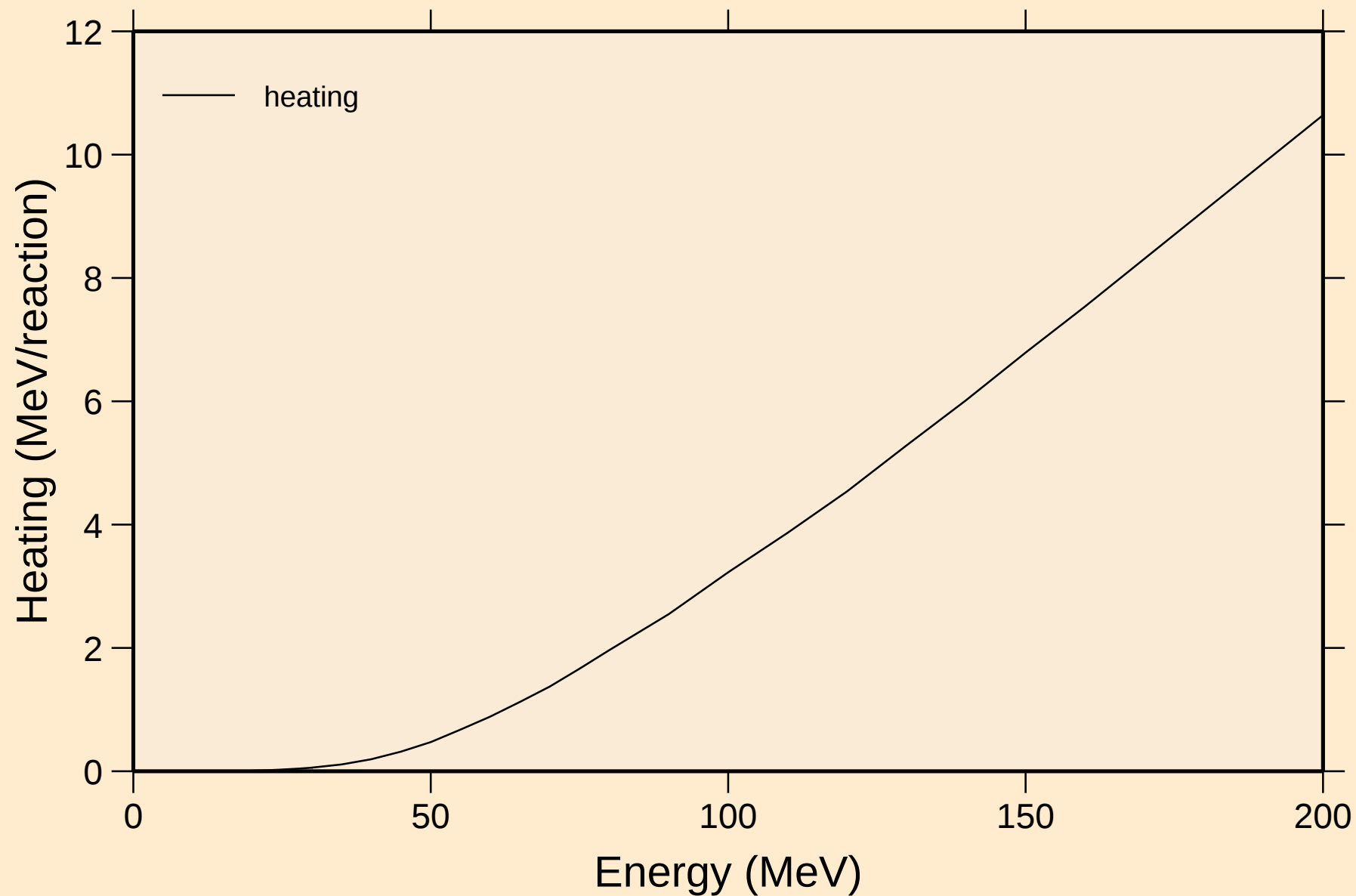
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



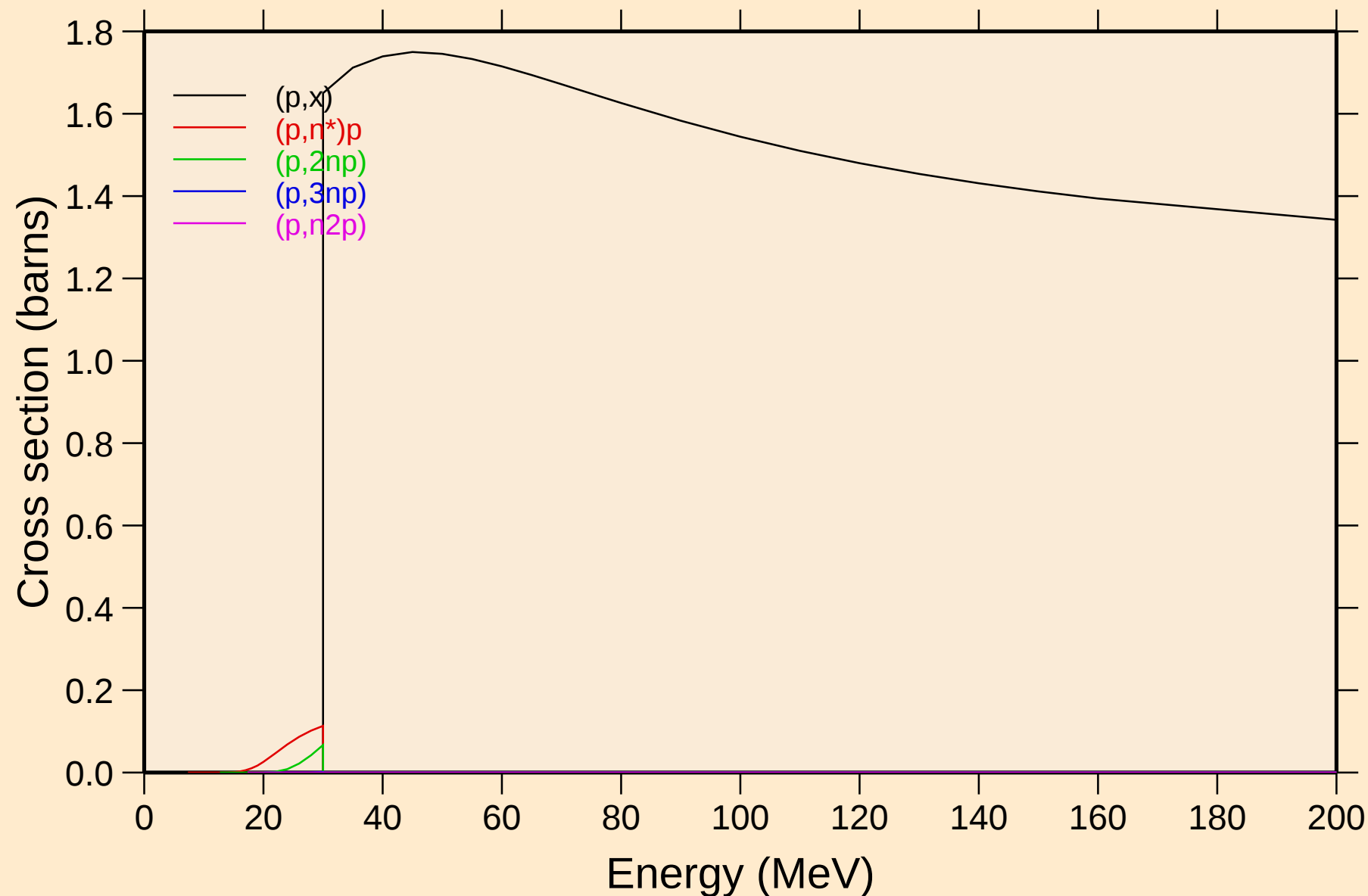
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



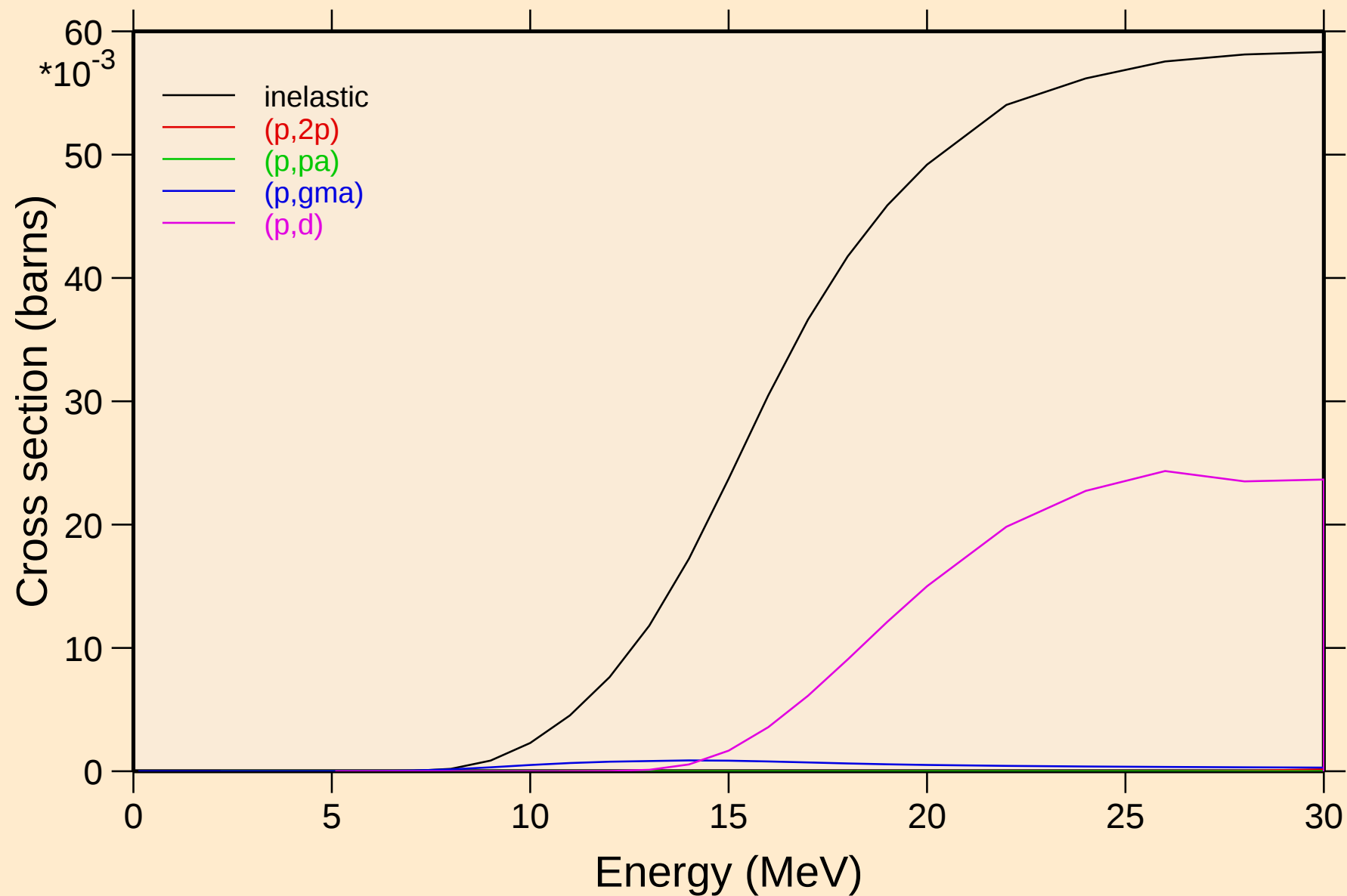
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

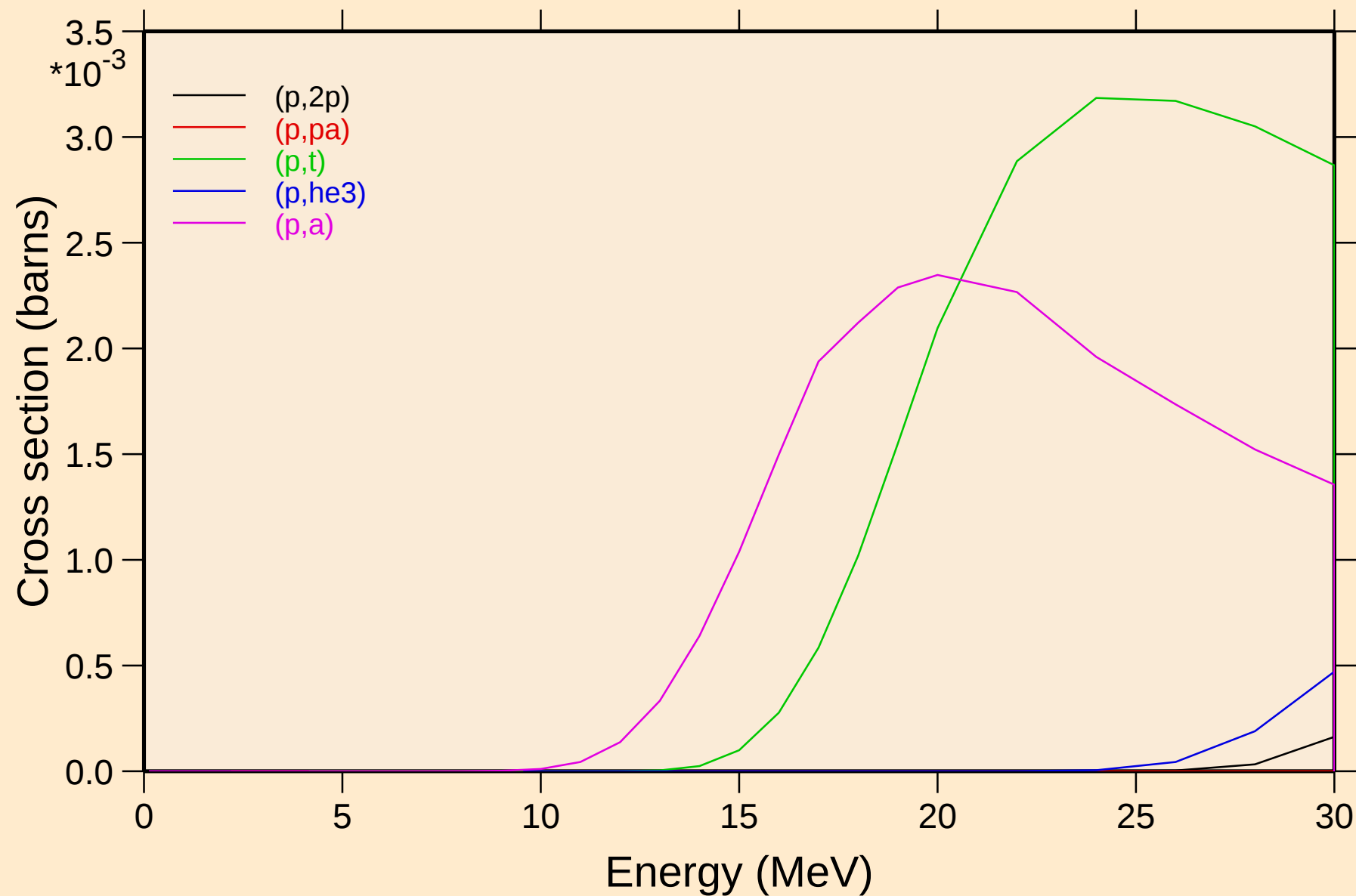


# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

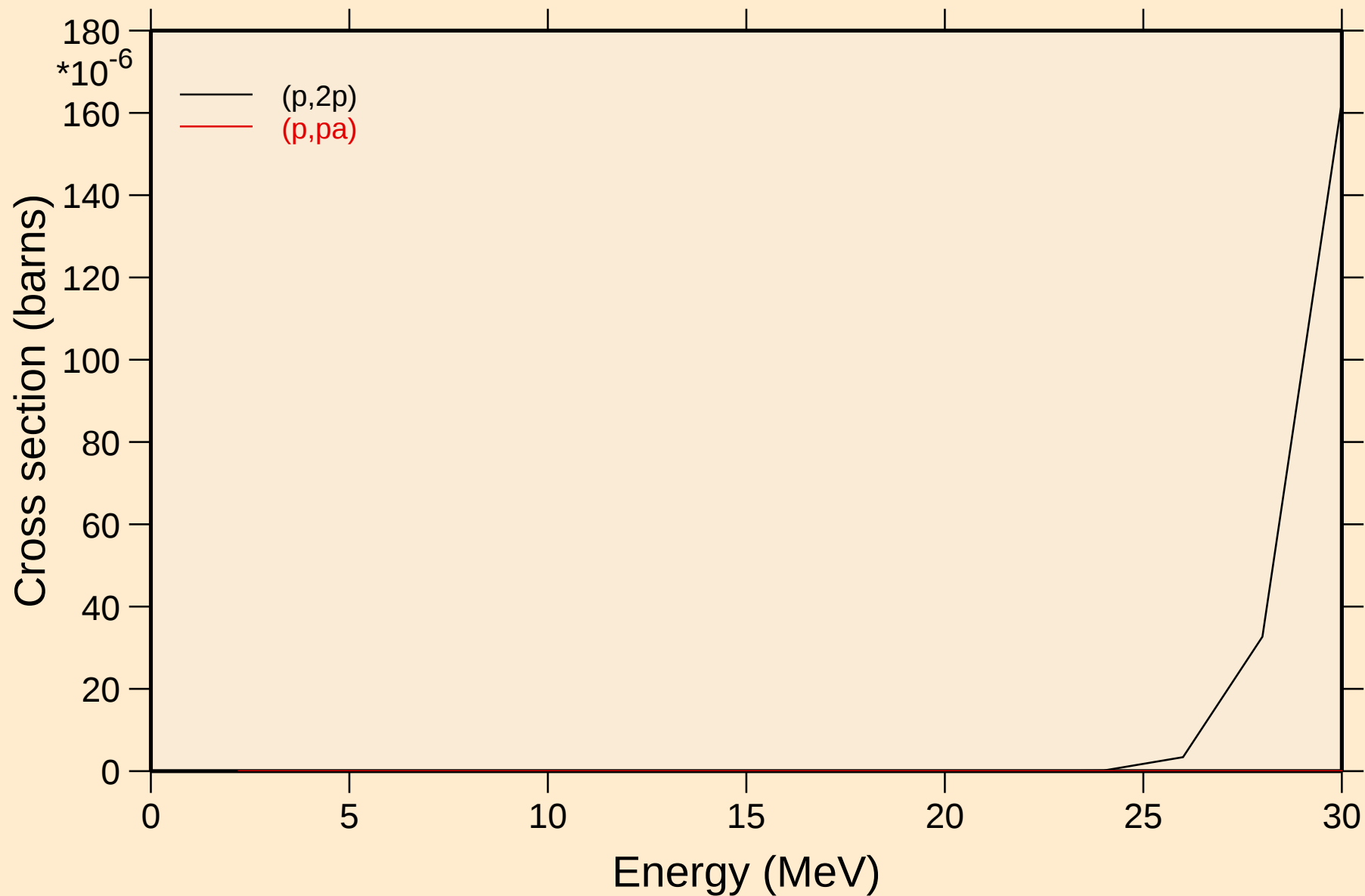


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

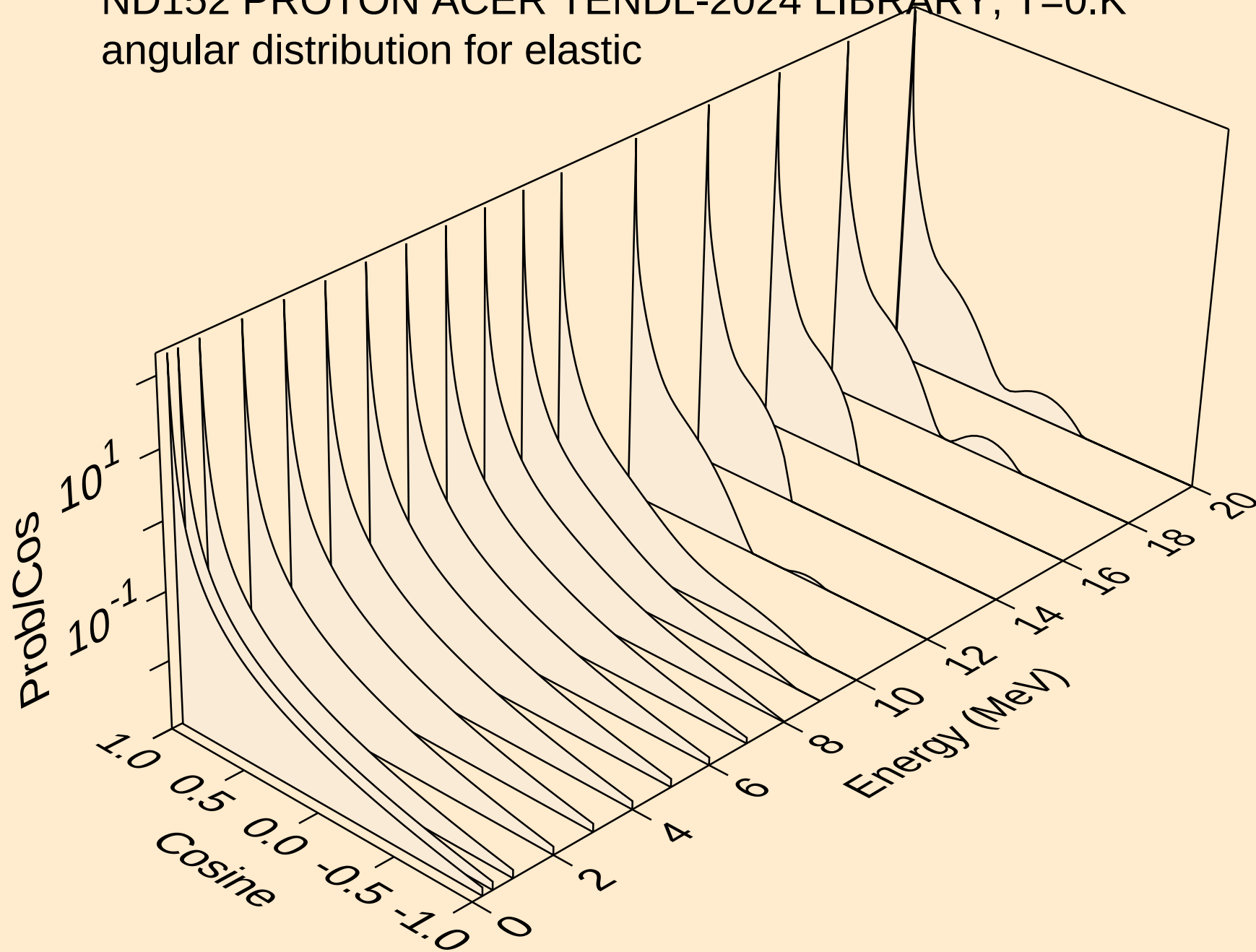


# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

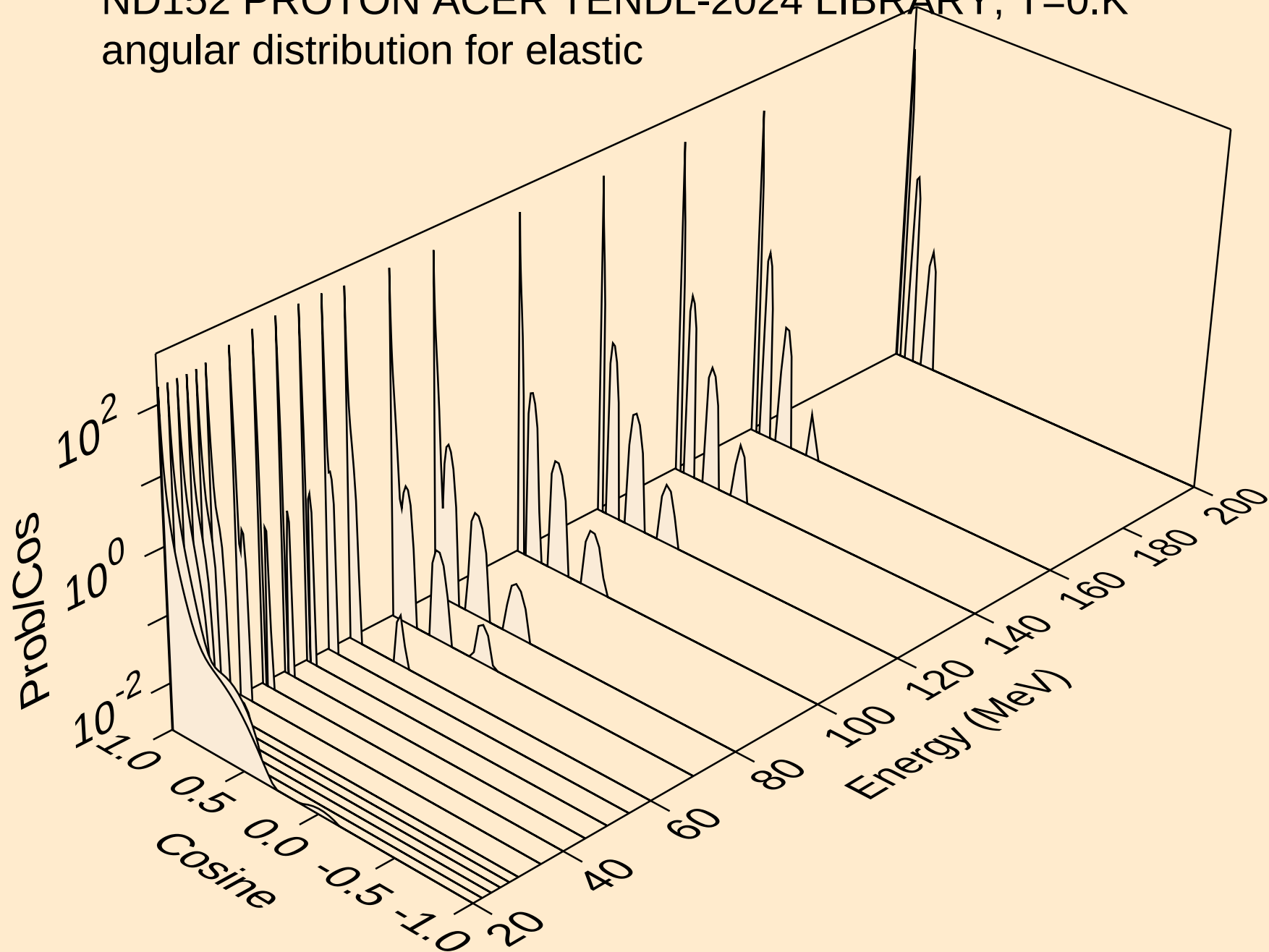
Threshold reactions



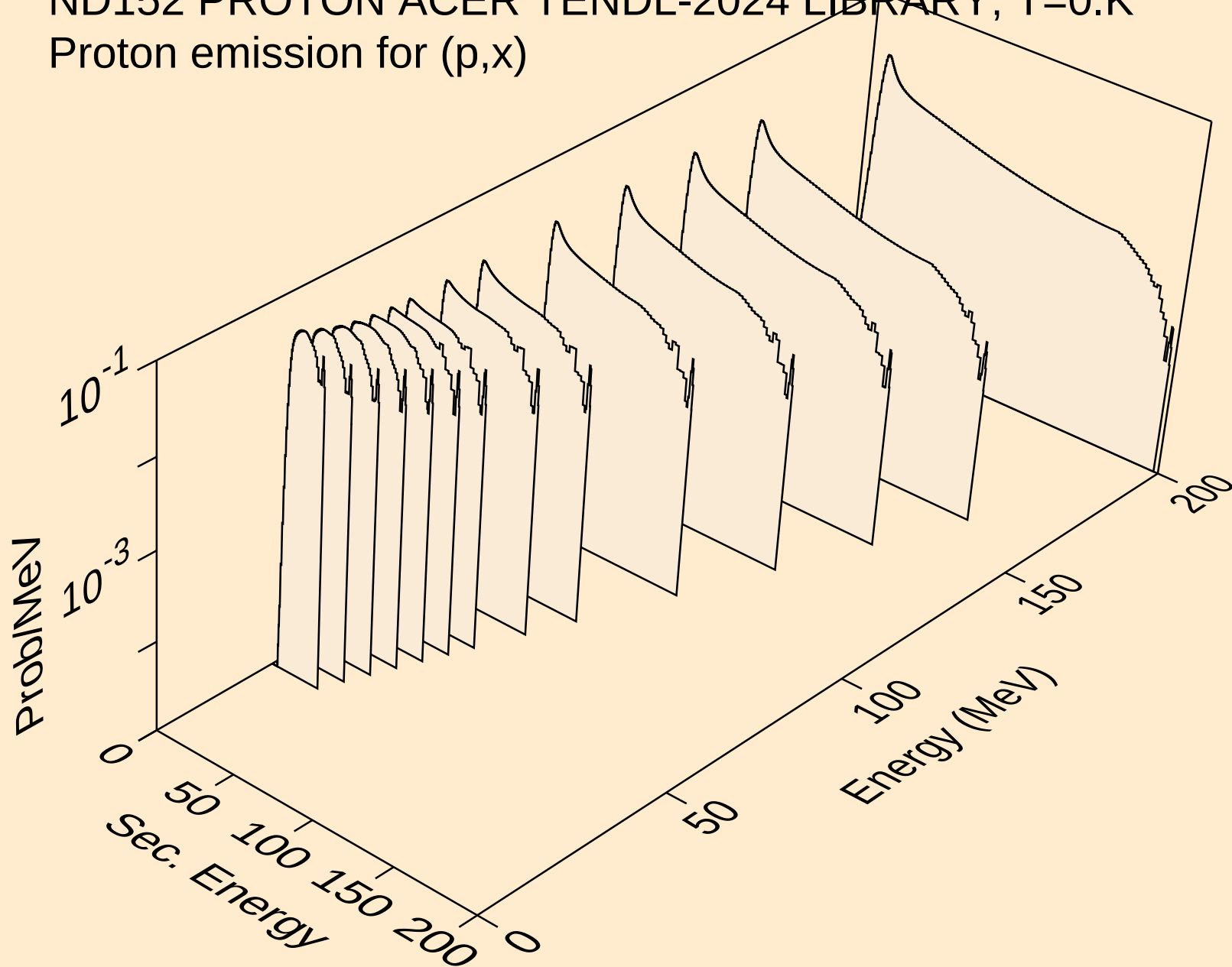
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

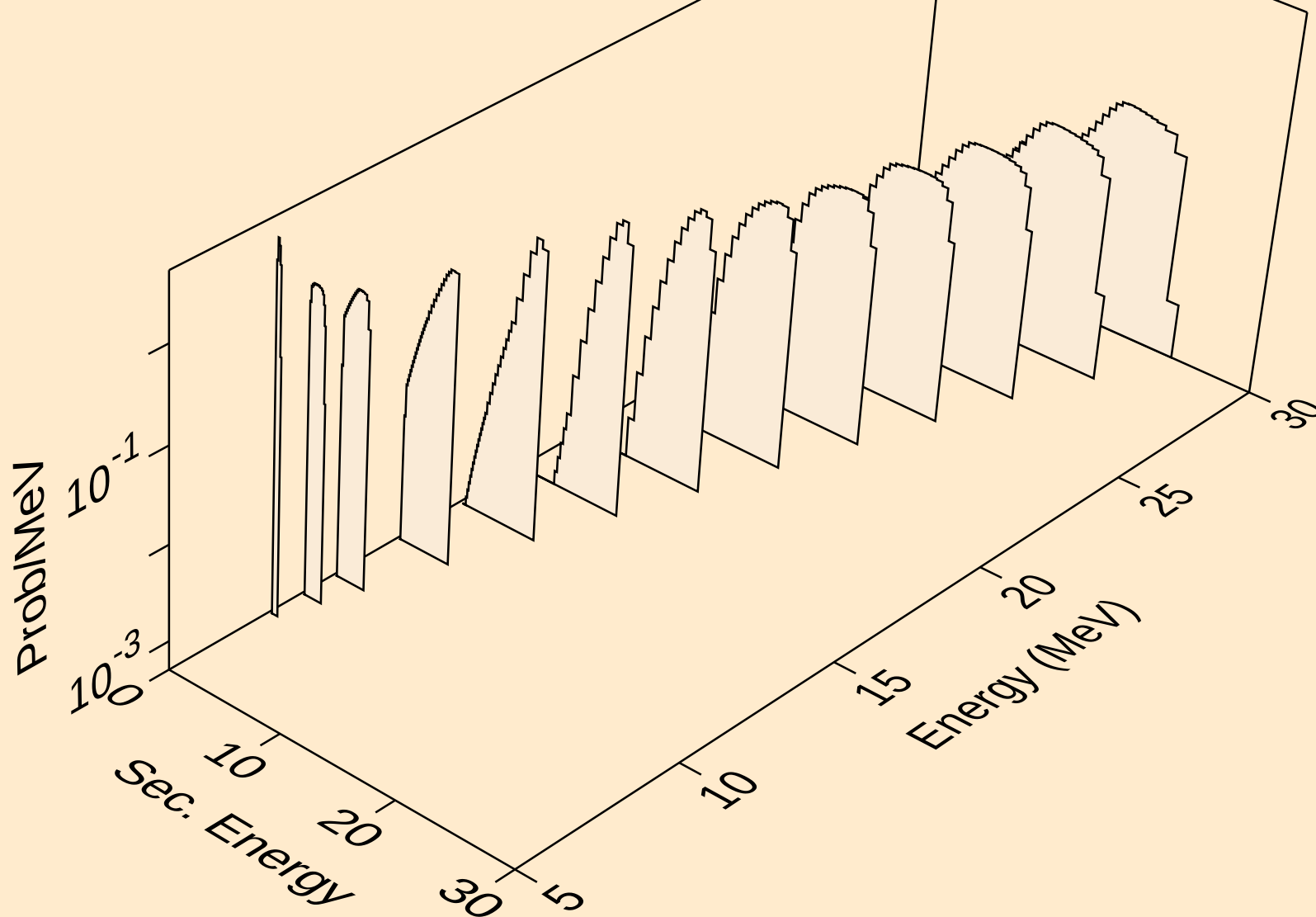


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)

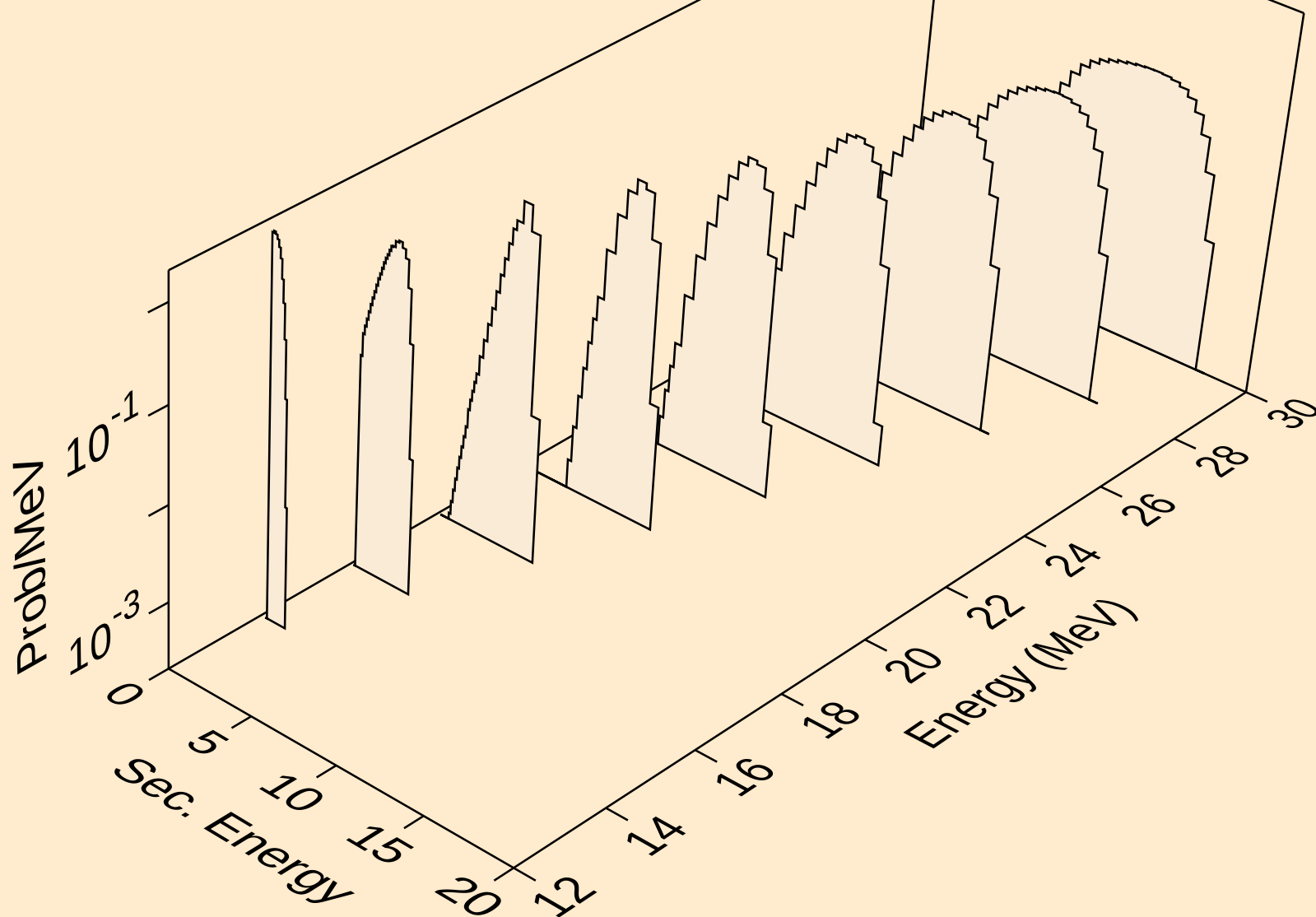


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

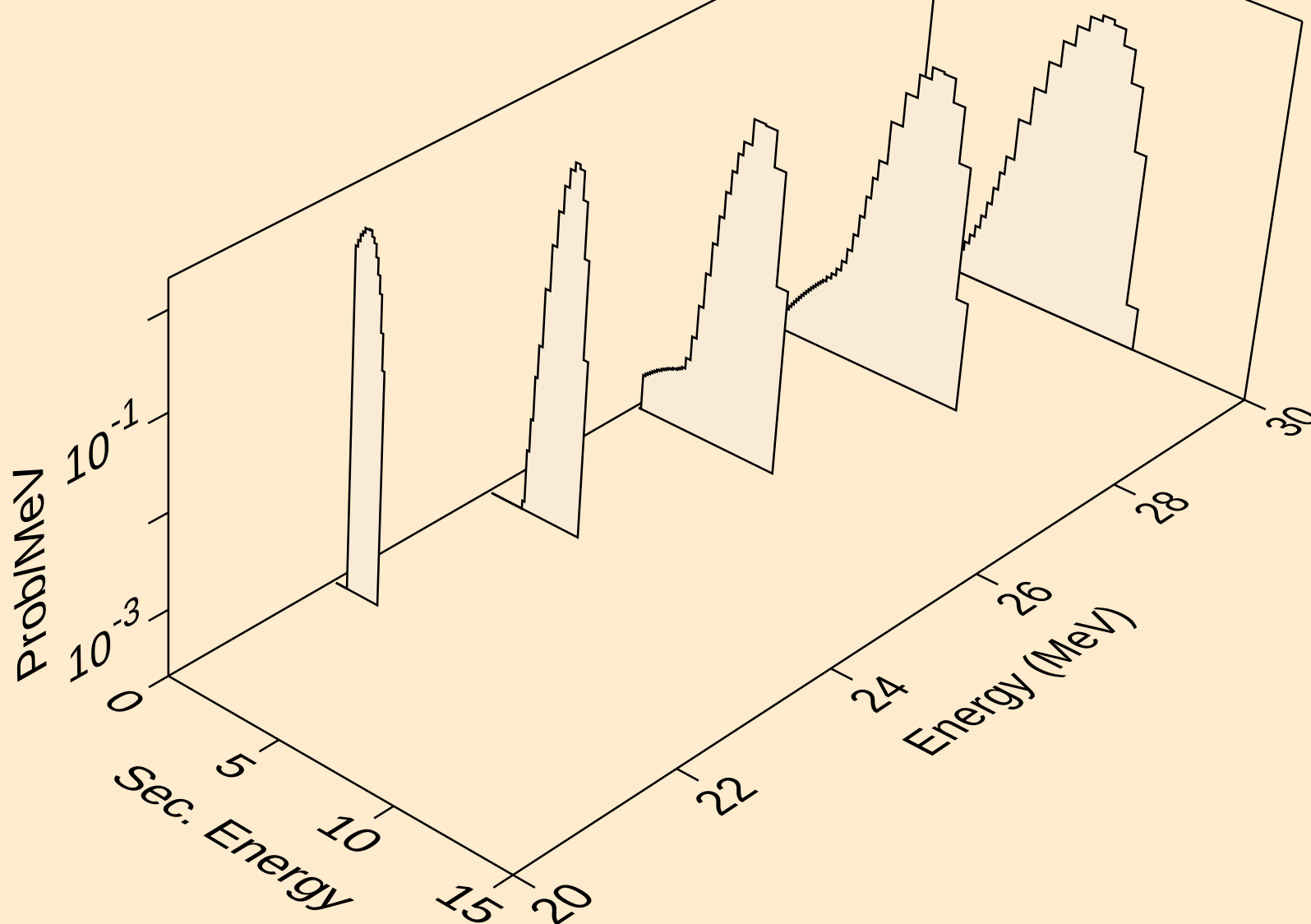
Proton emission for (p,n\*)p



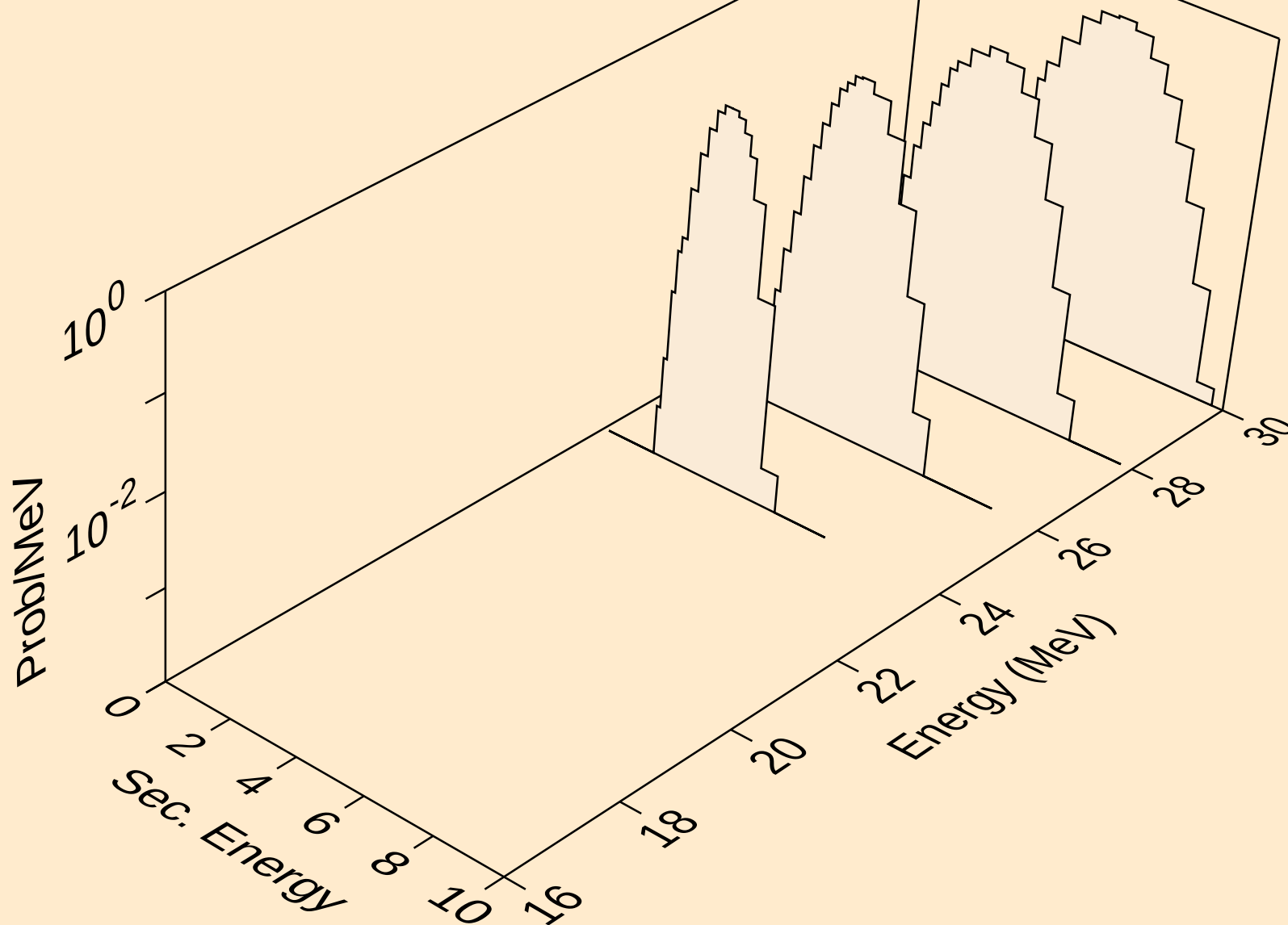
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



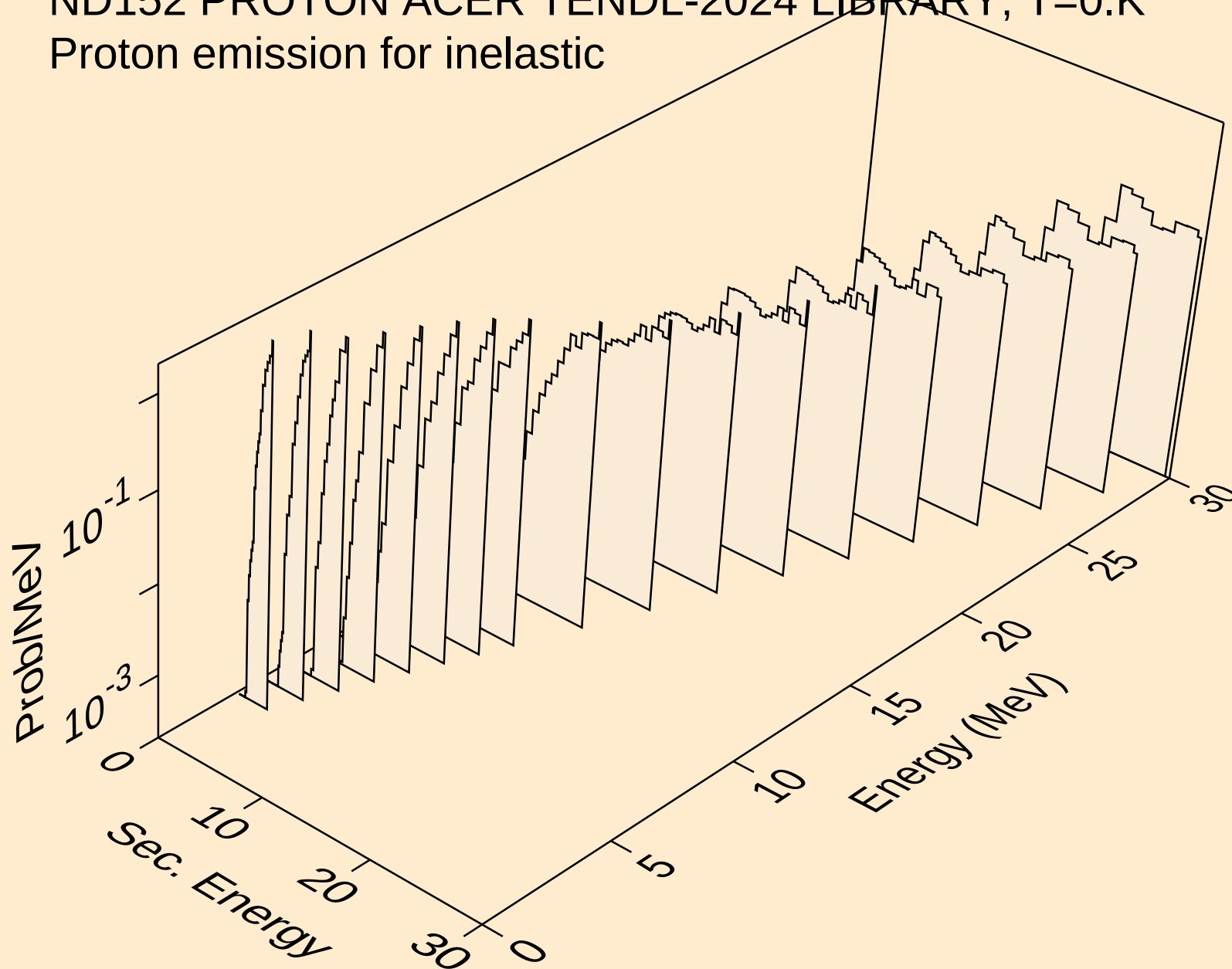
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



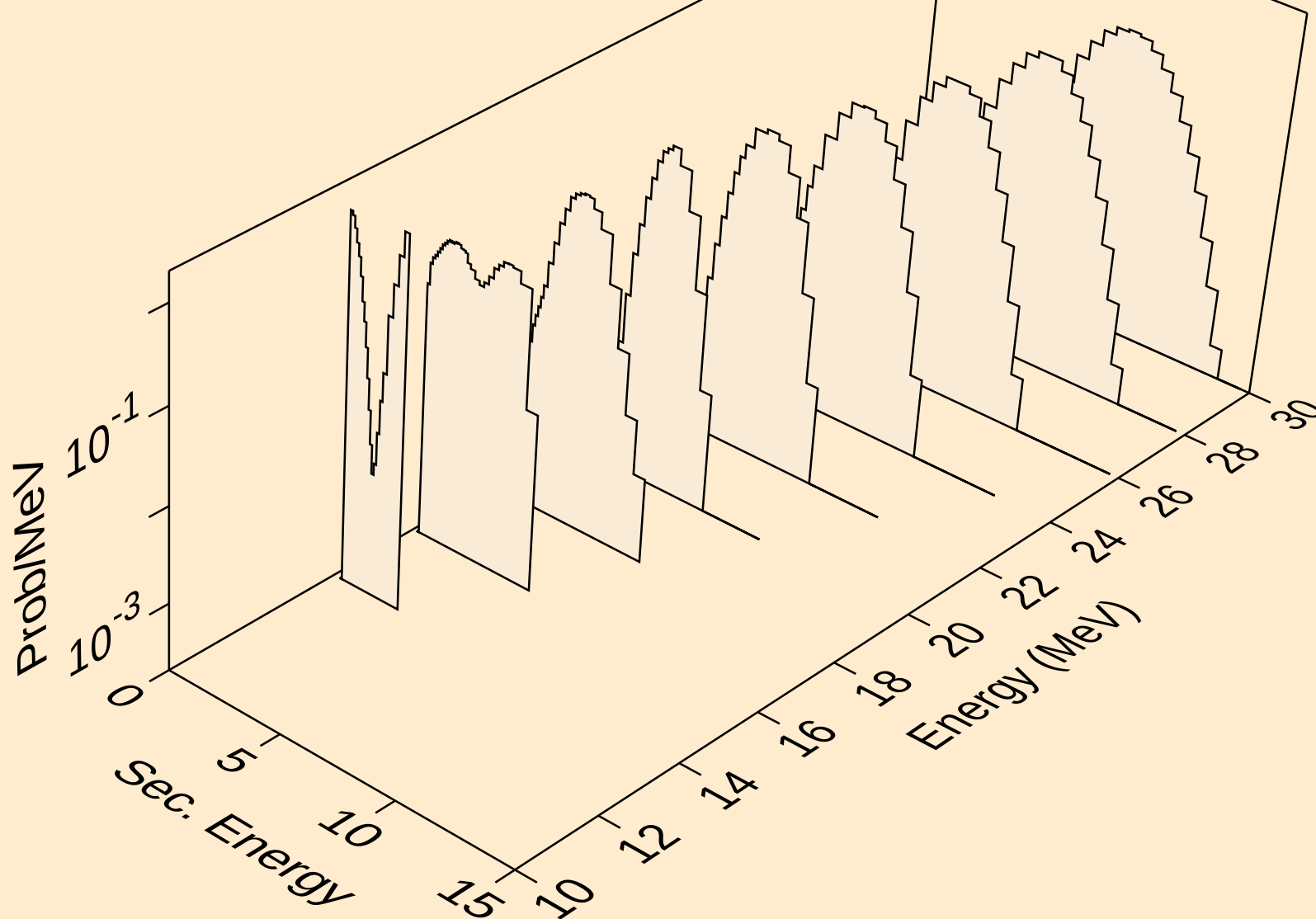
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



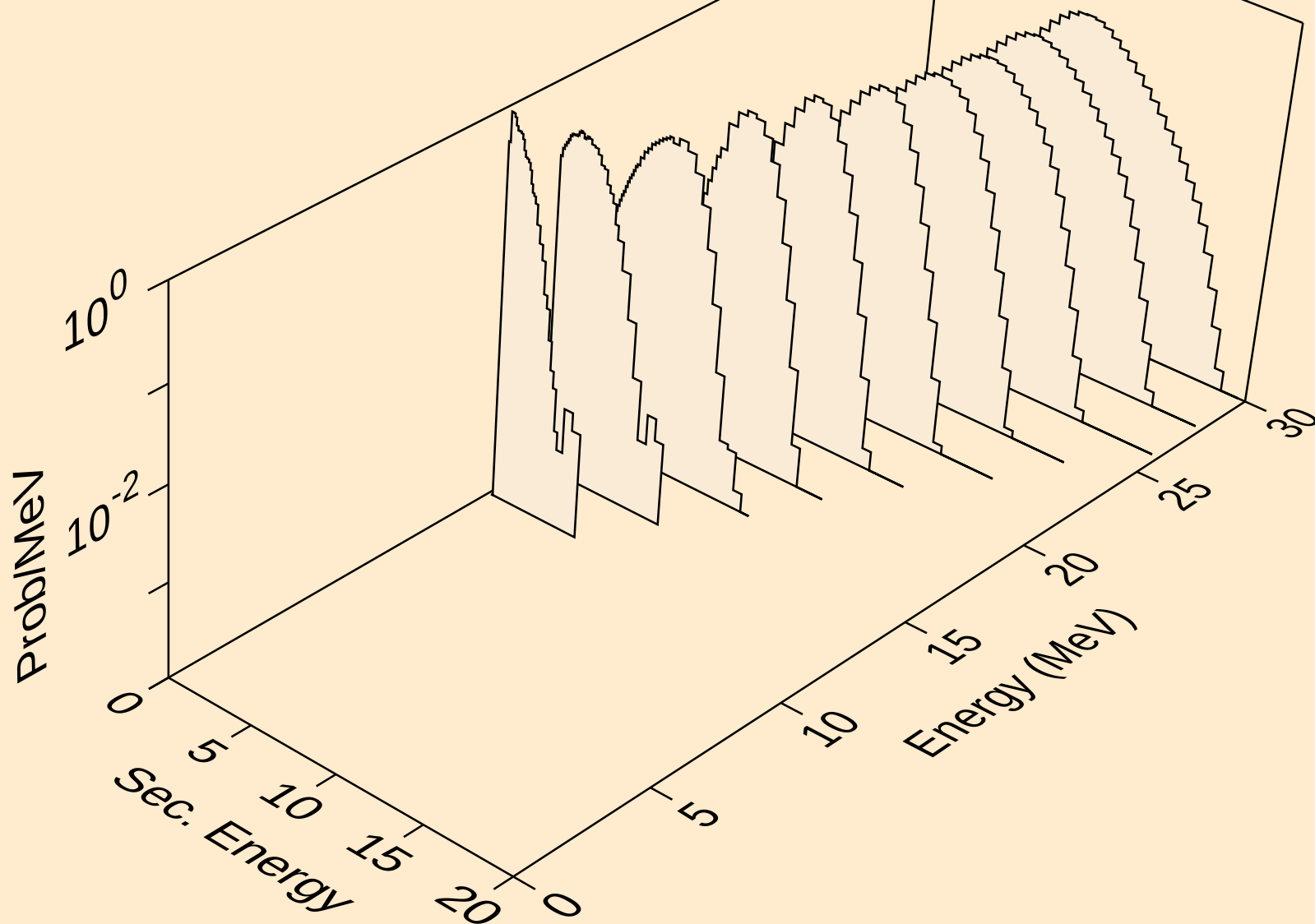
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



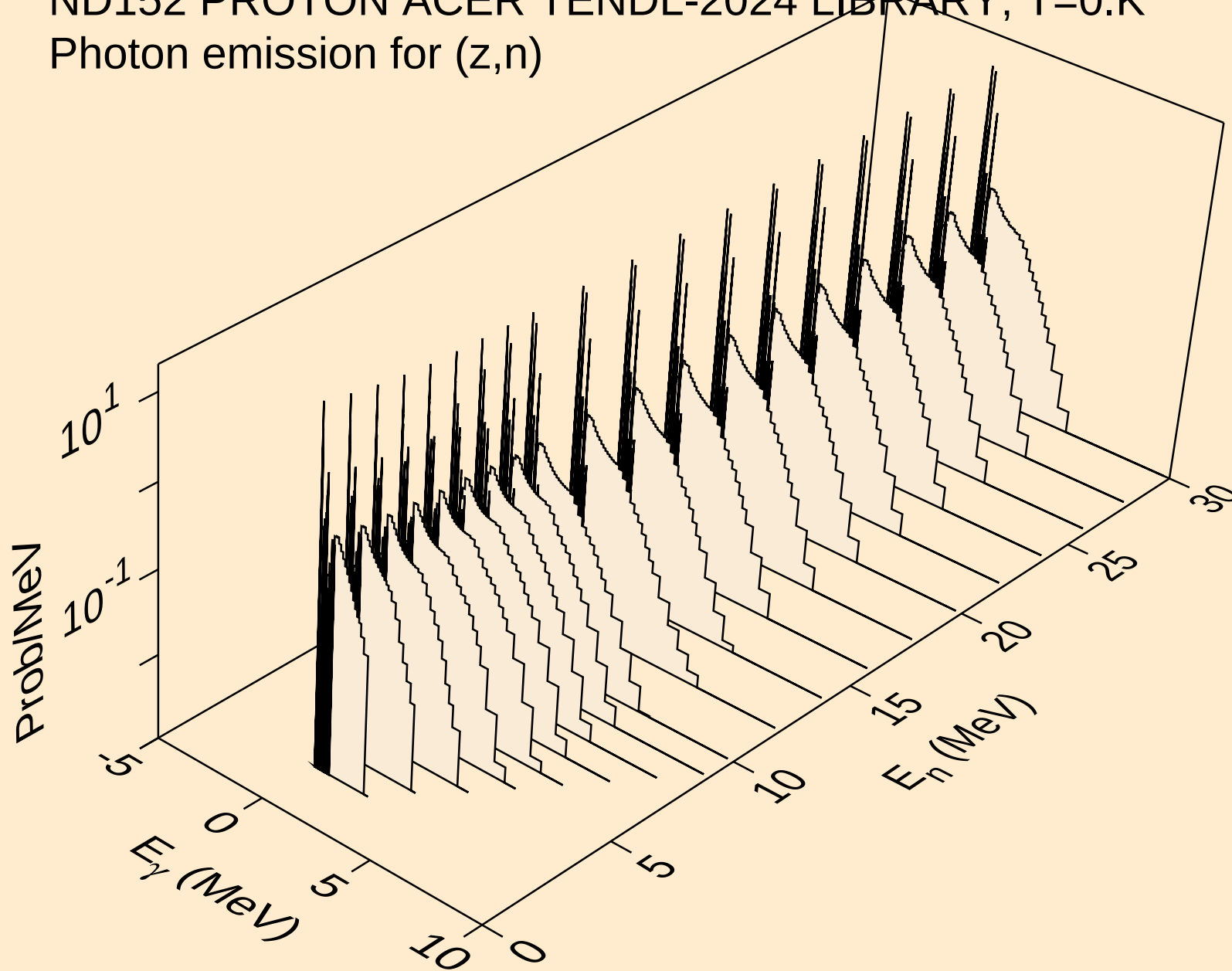
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)

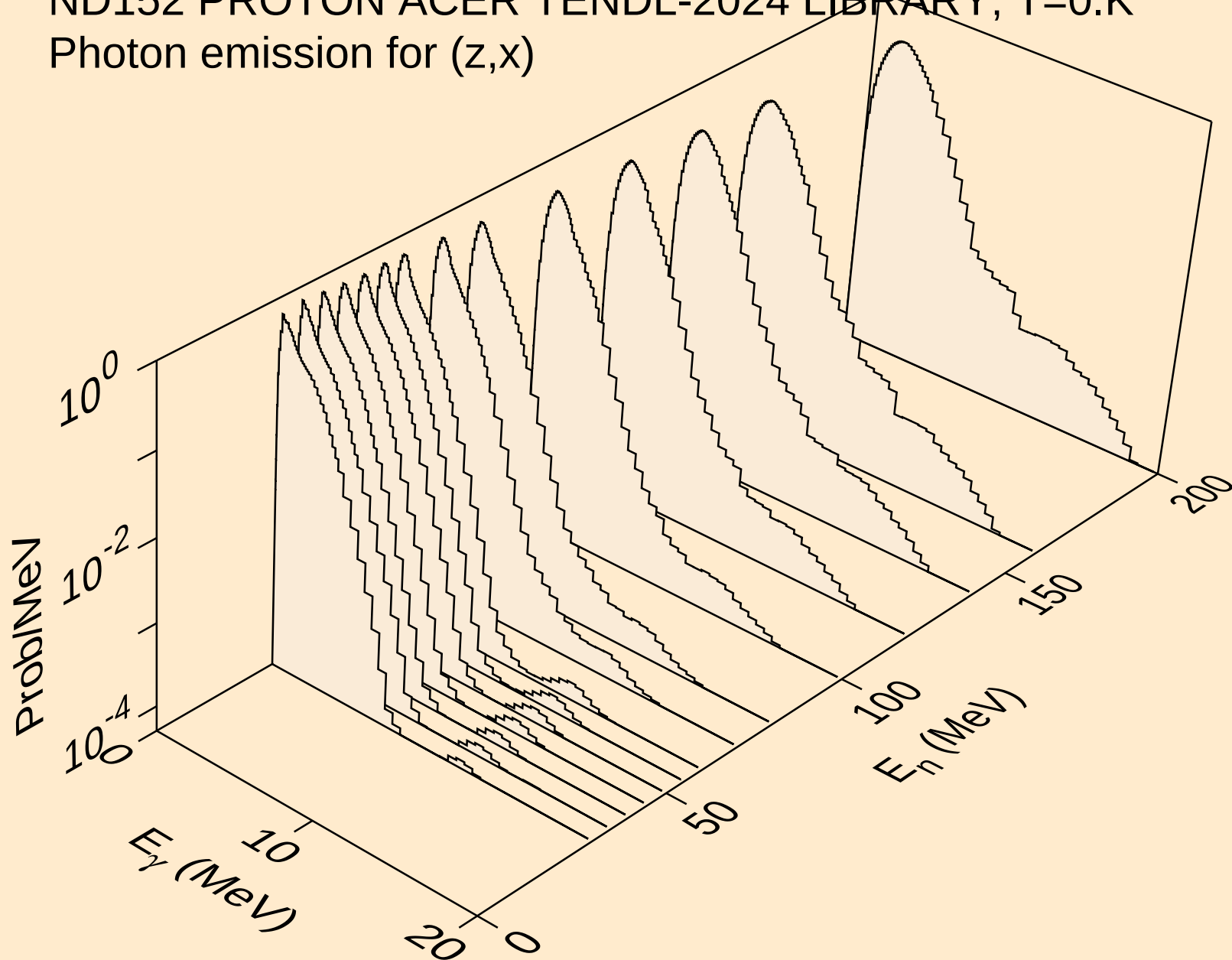


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

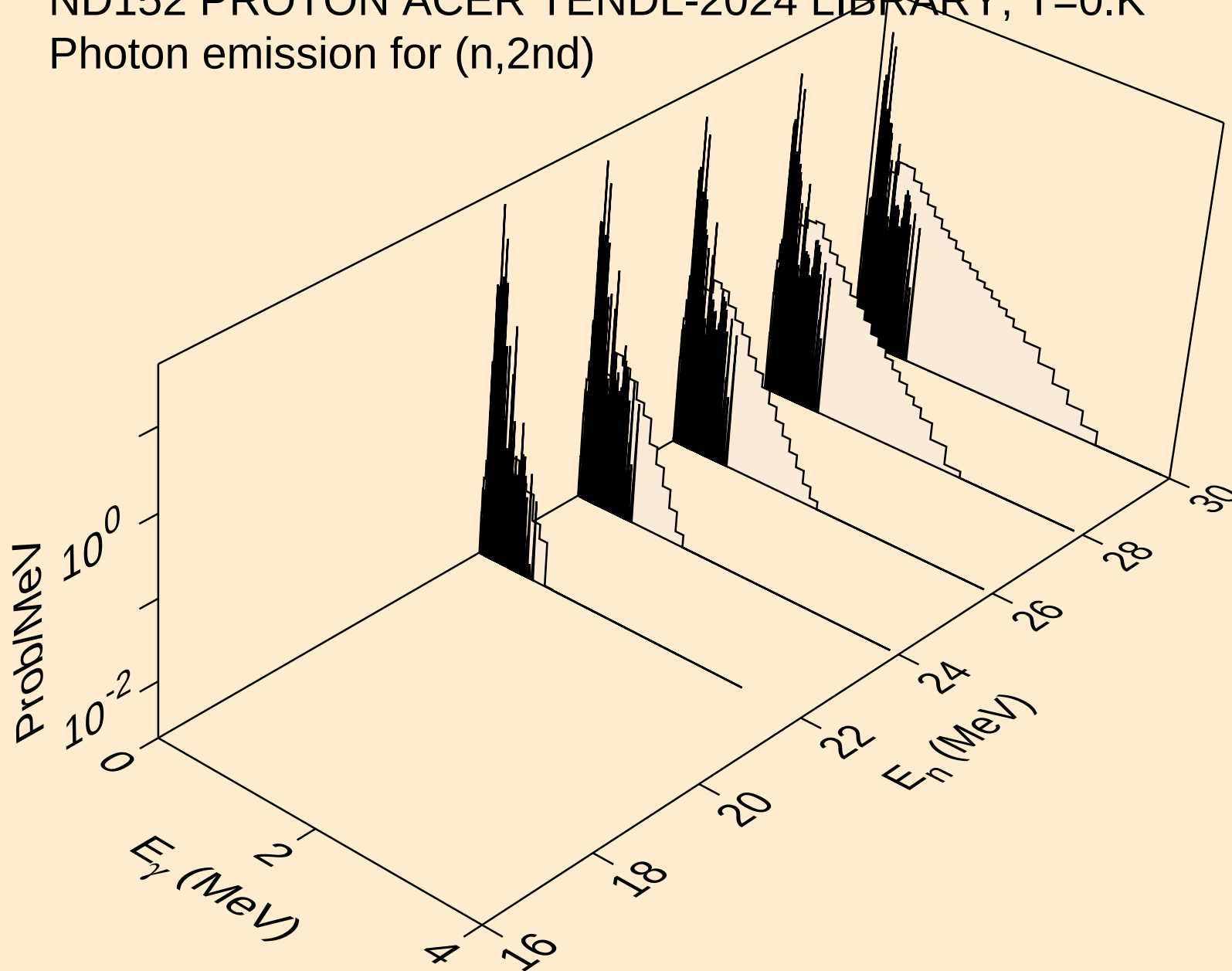


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

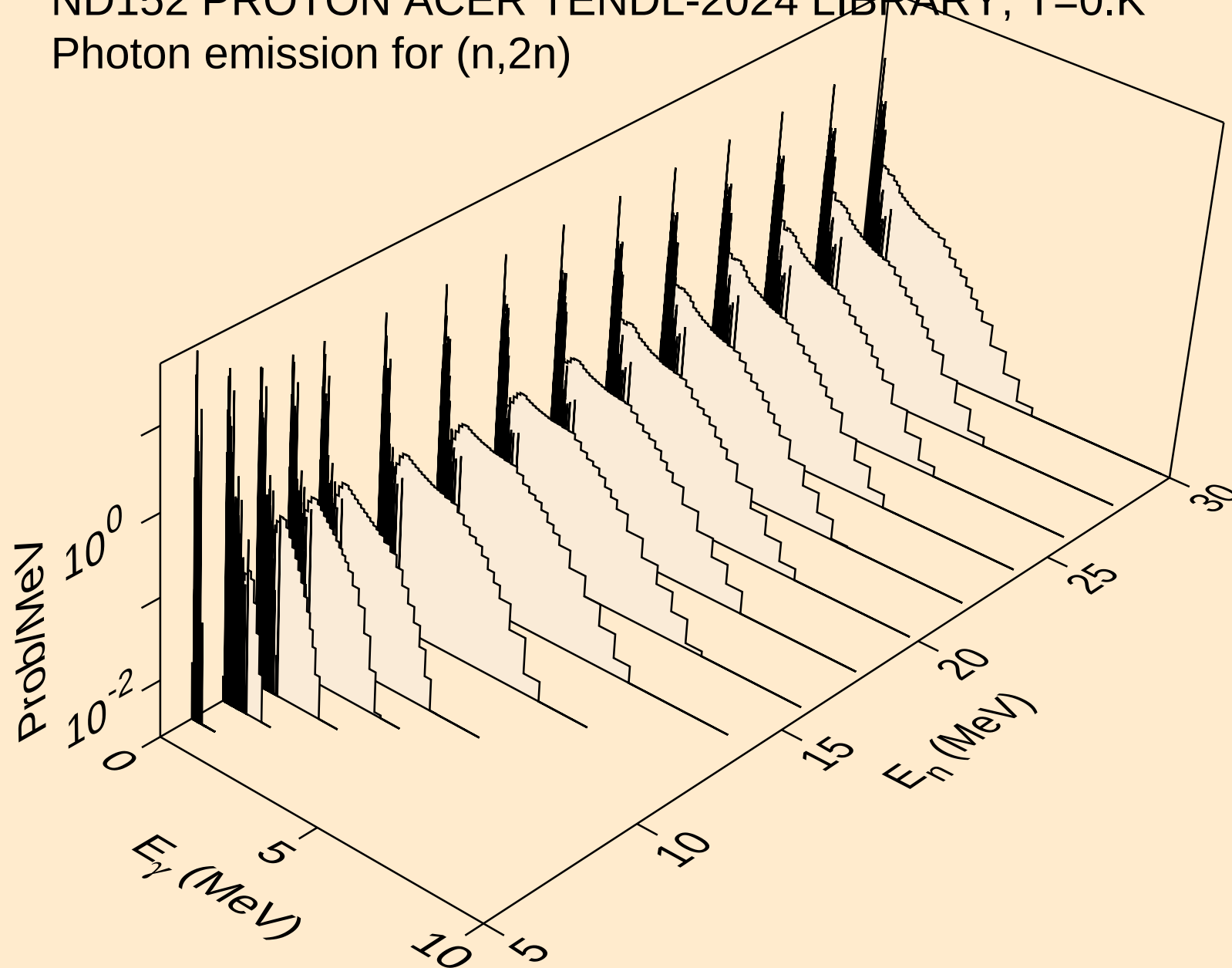
Photon emission for (z,x)



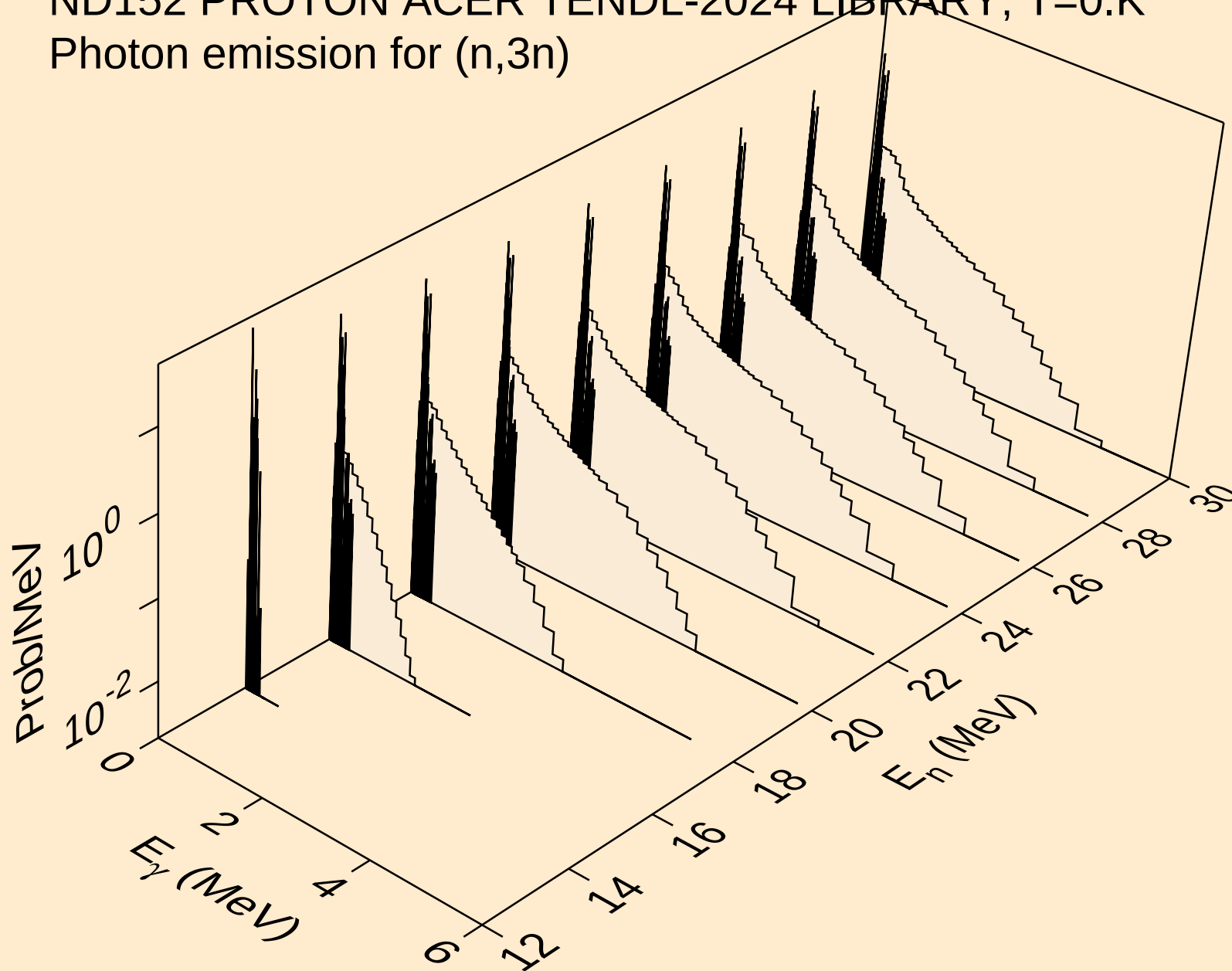
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



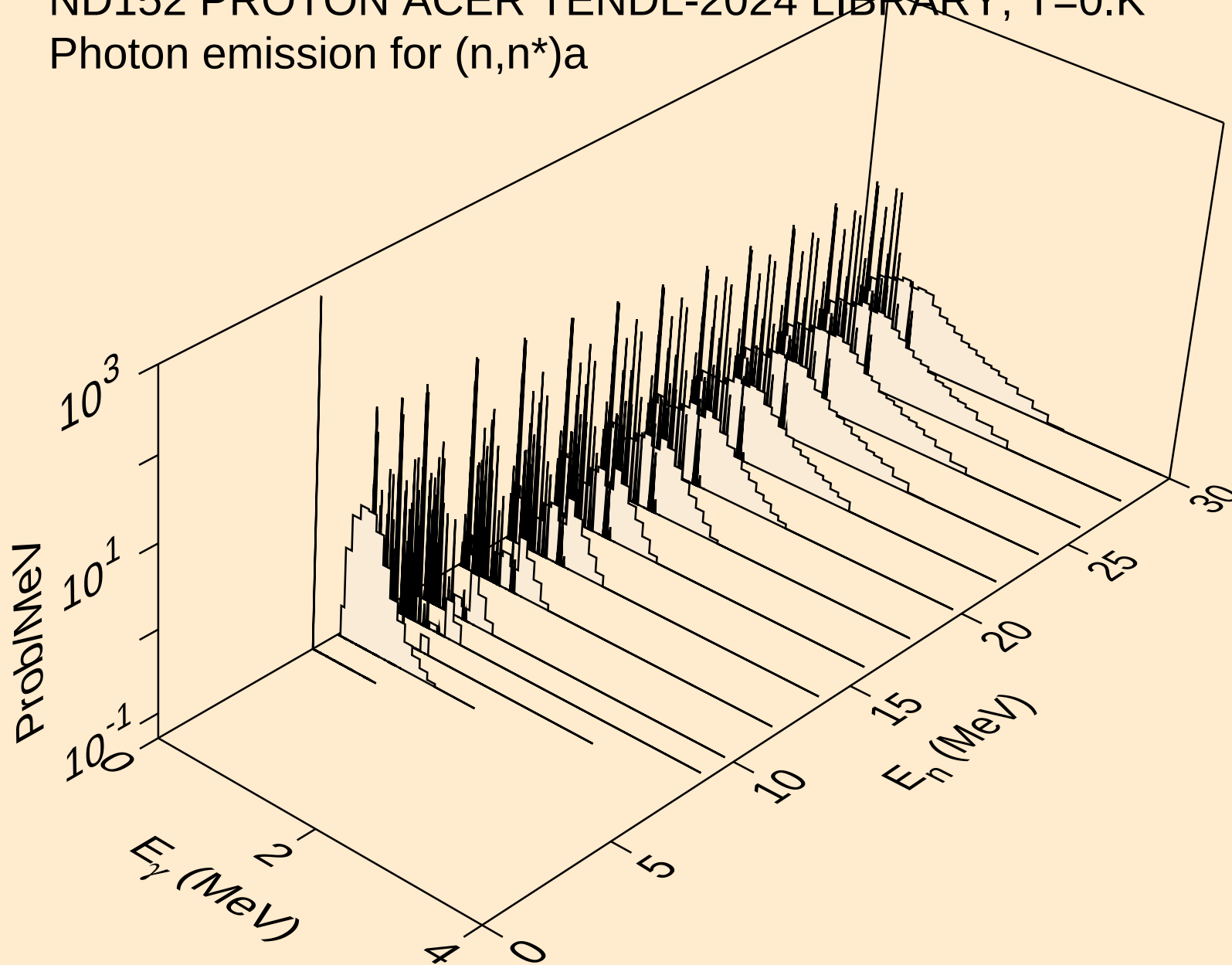
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



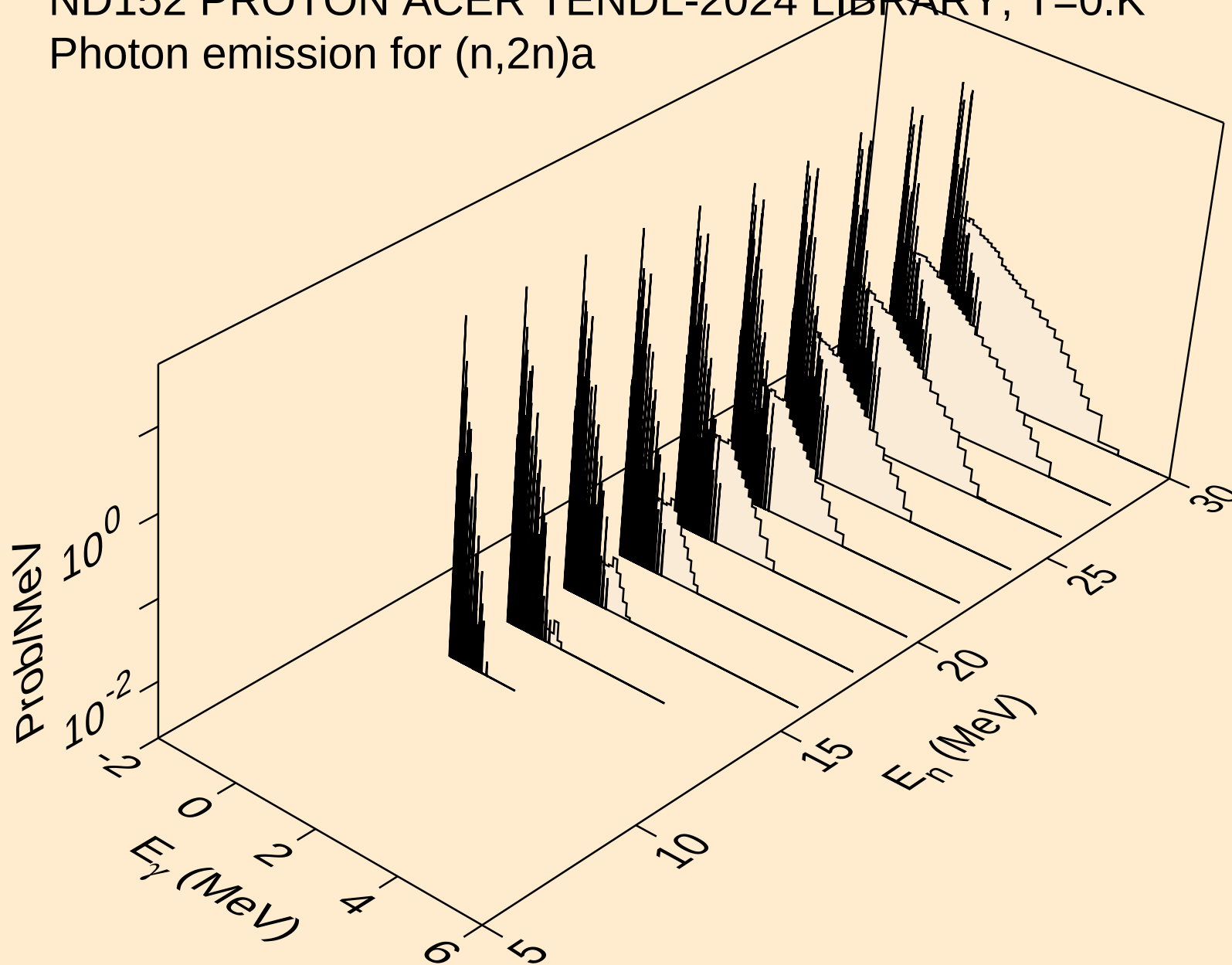
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



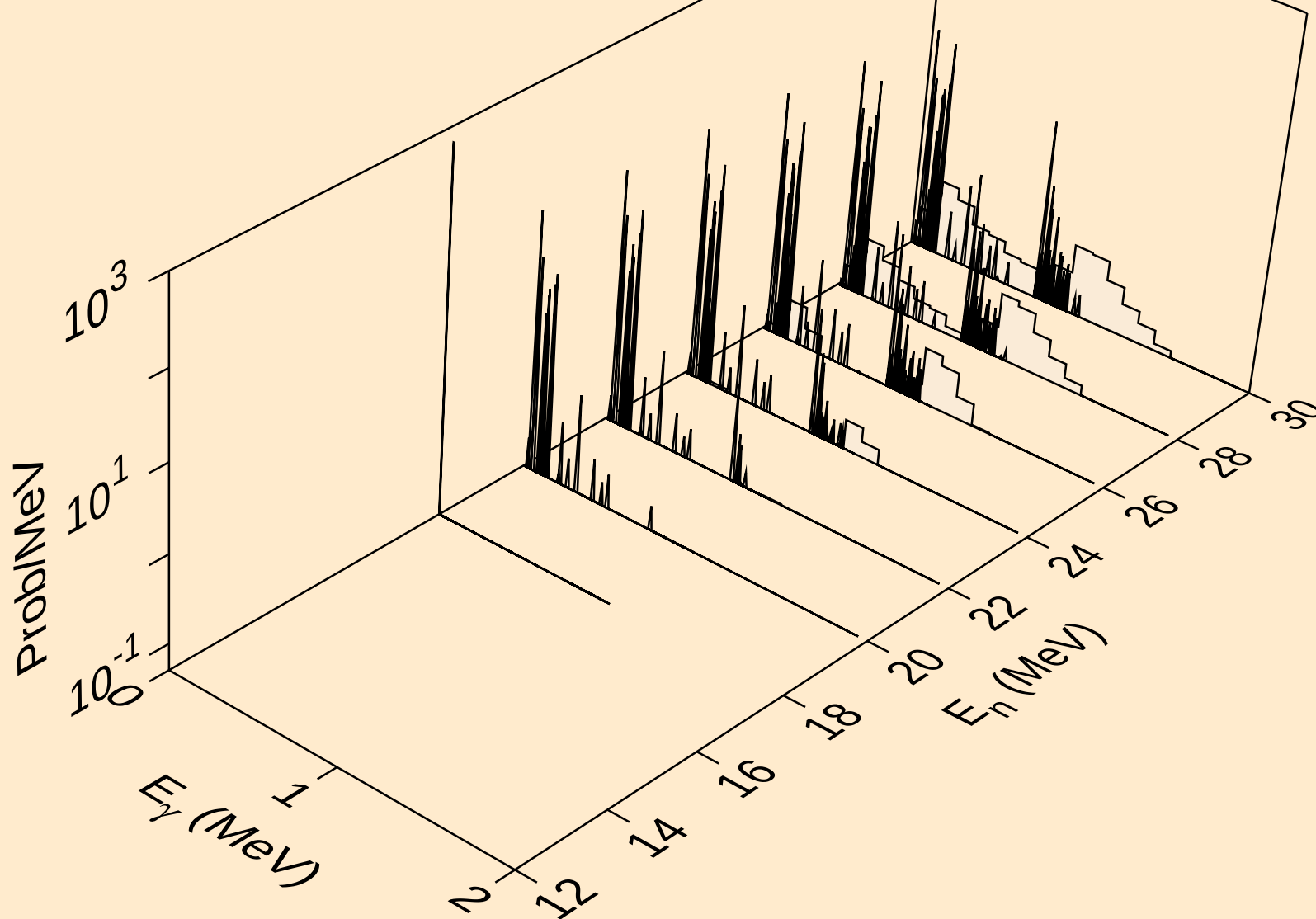
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



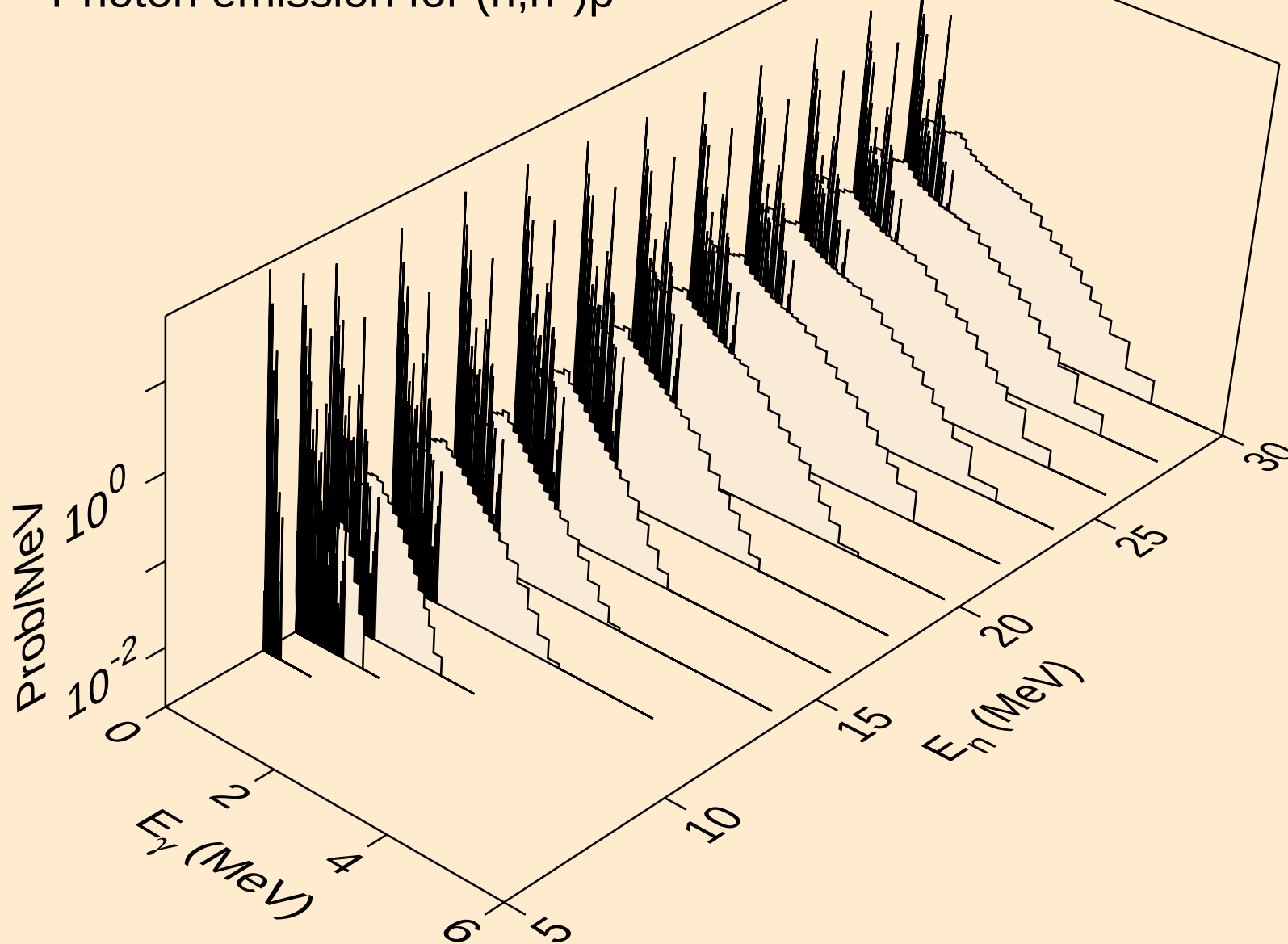
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



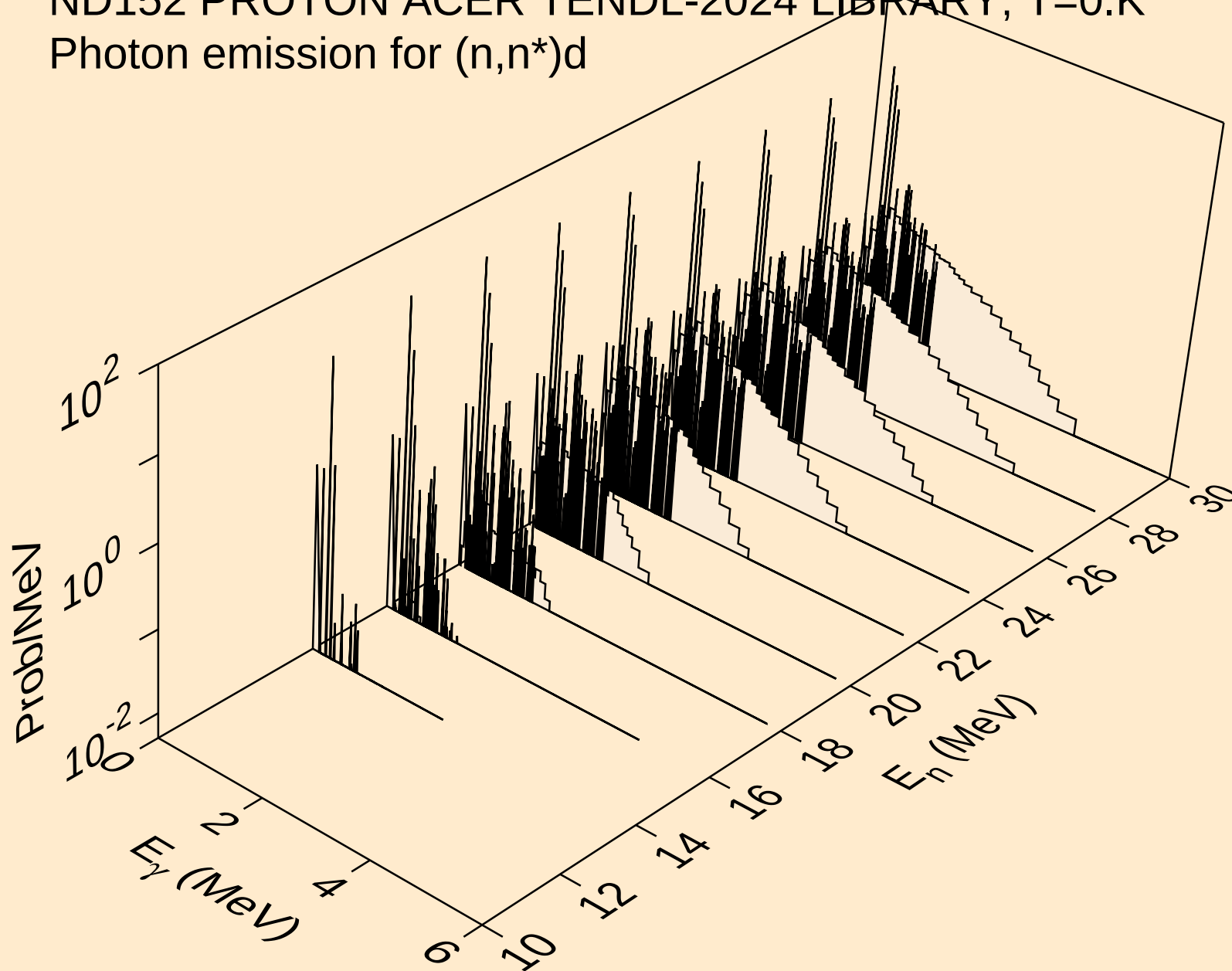
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

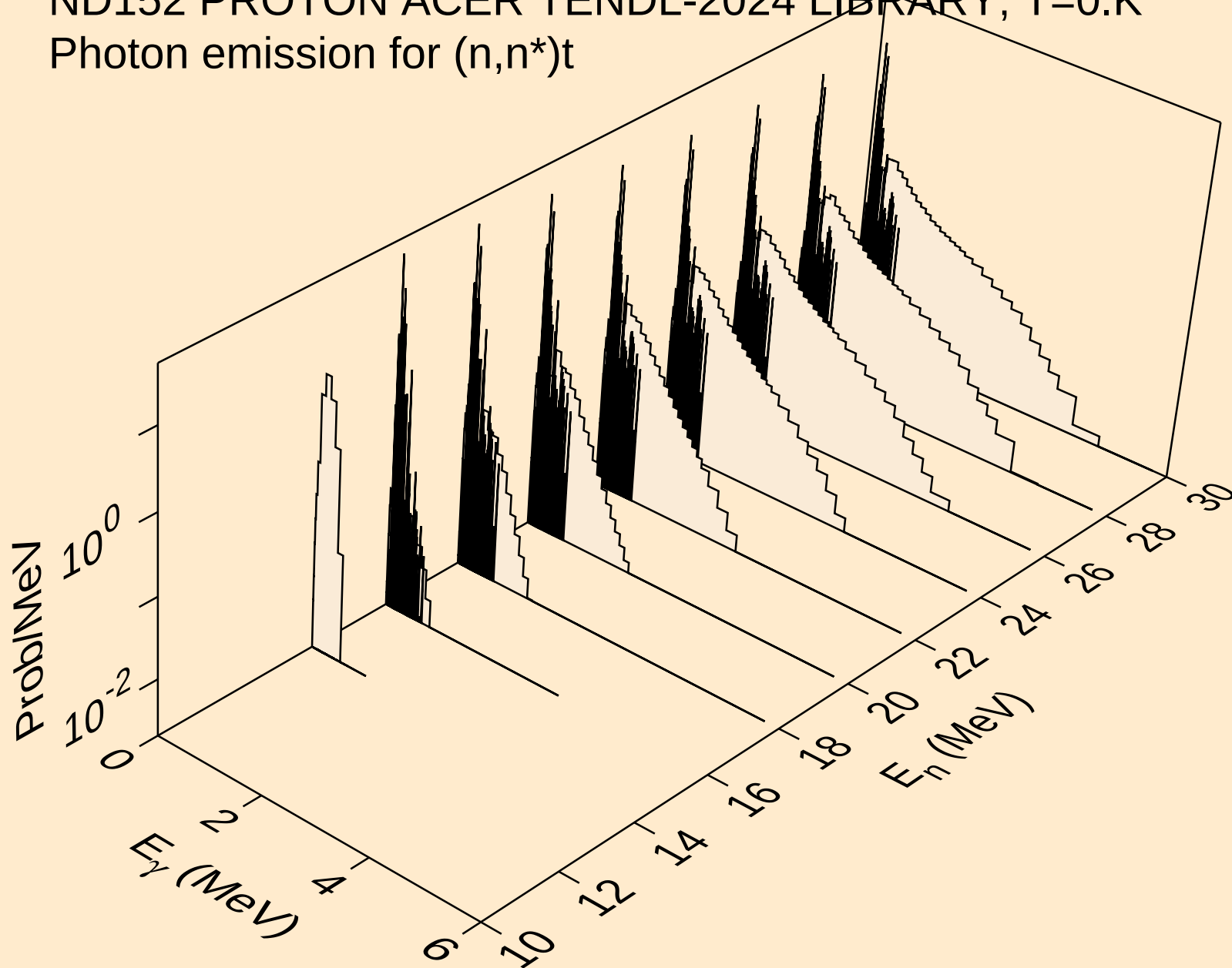


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

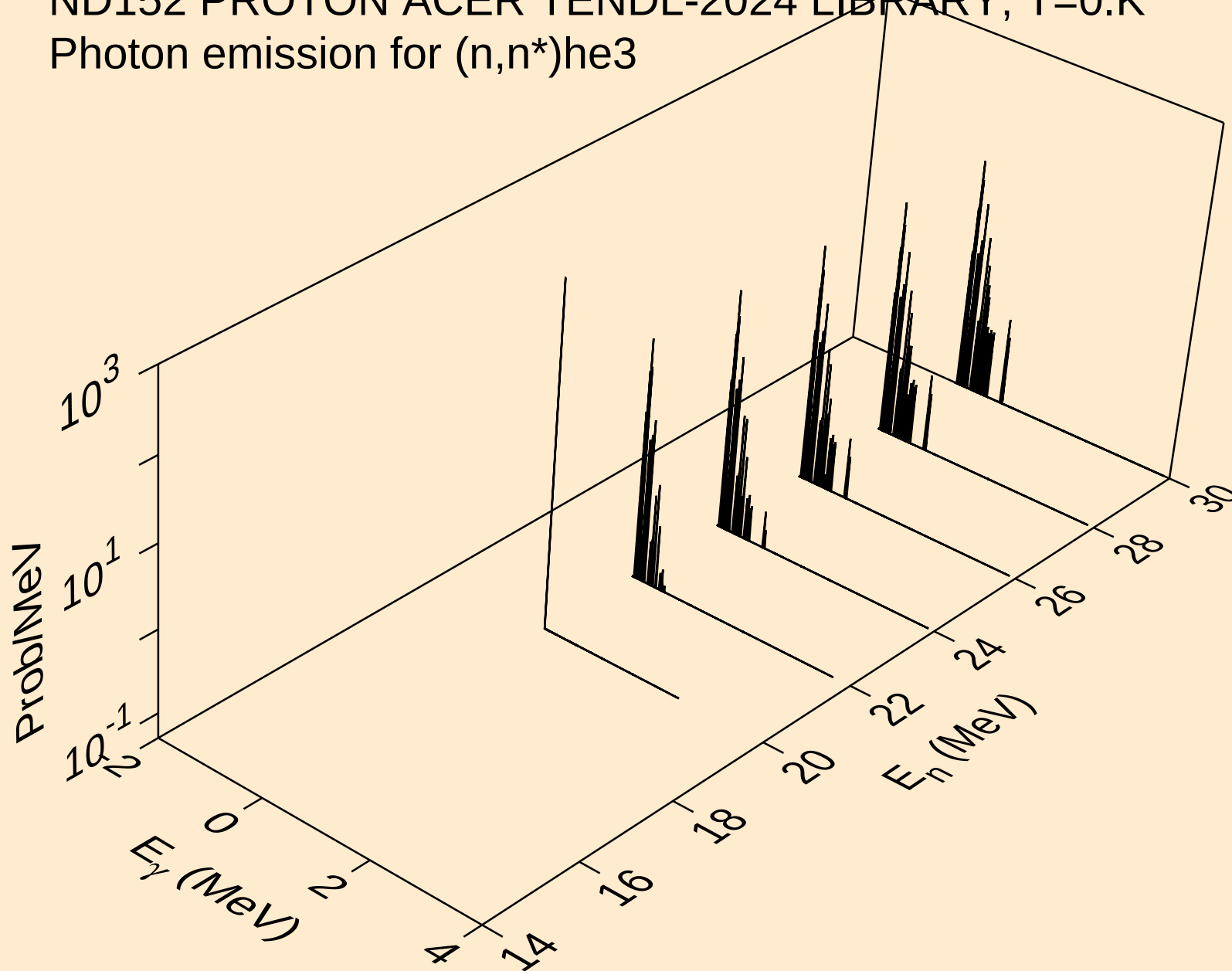


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

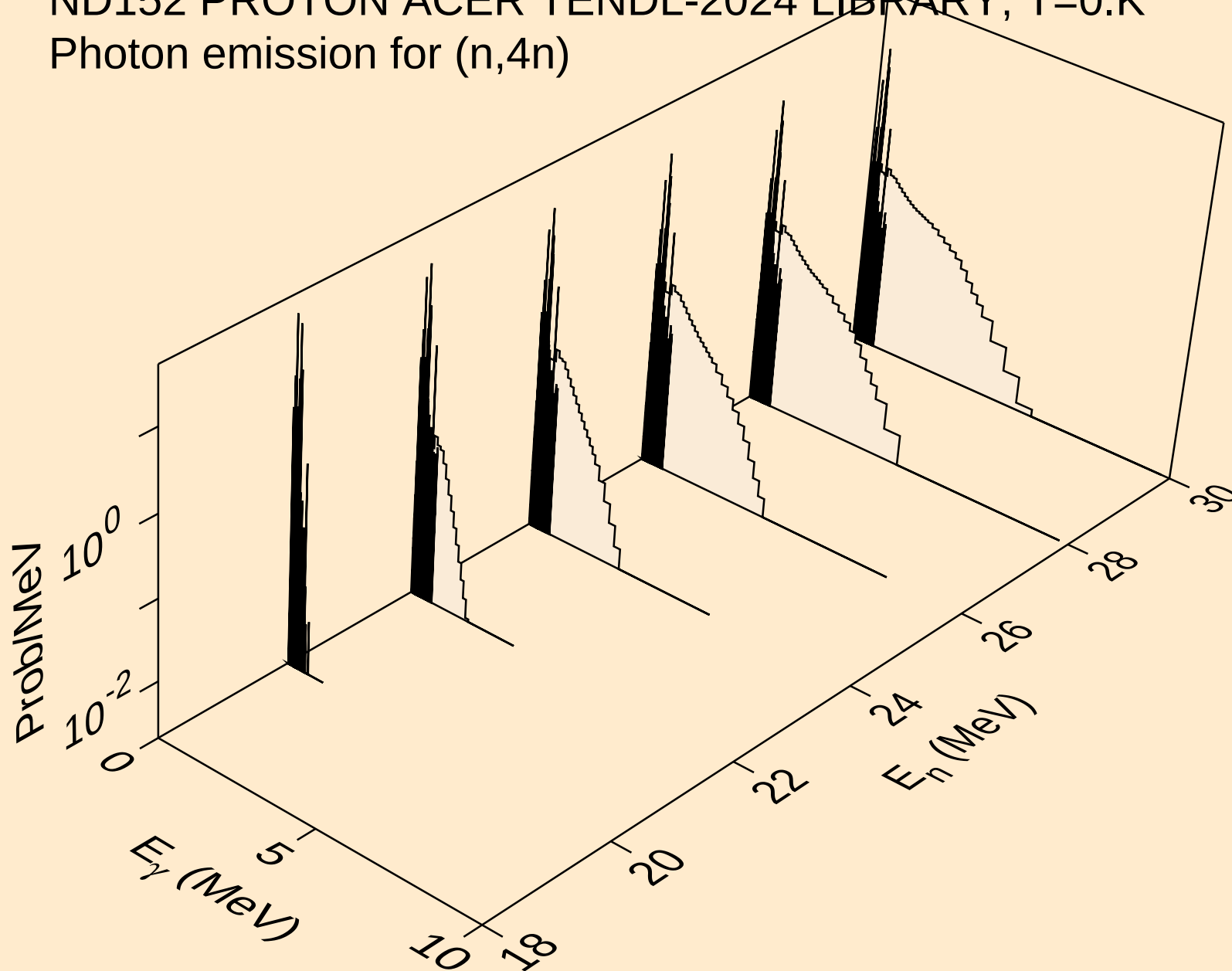
Photon emission for (n,n\*)t



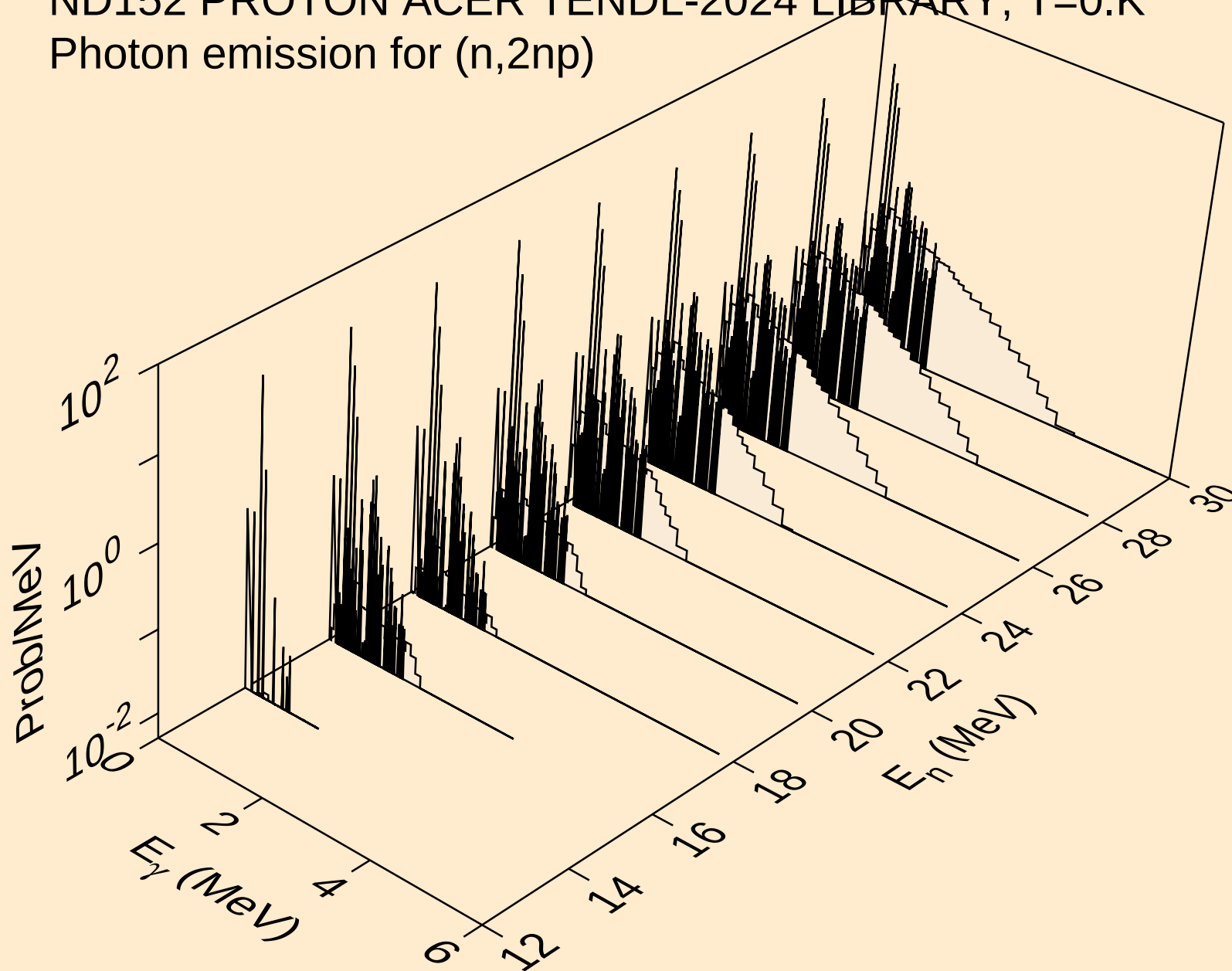
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



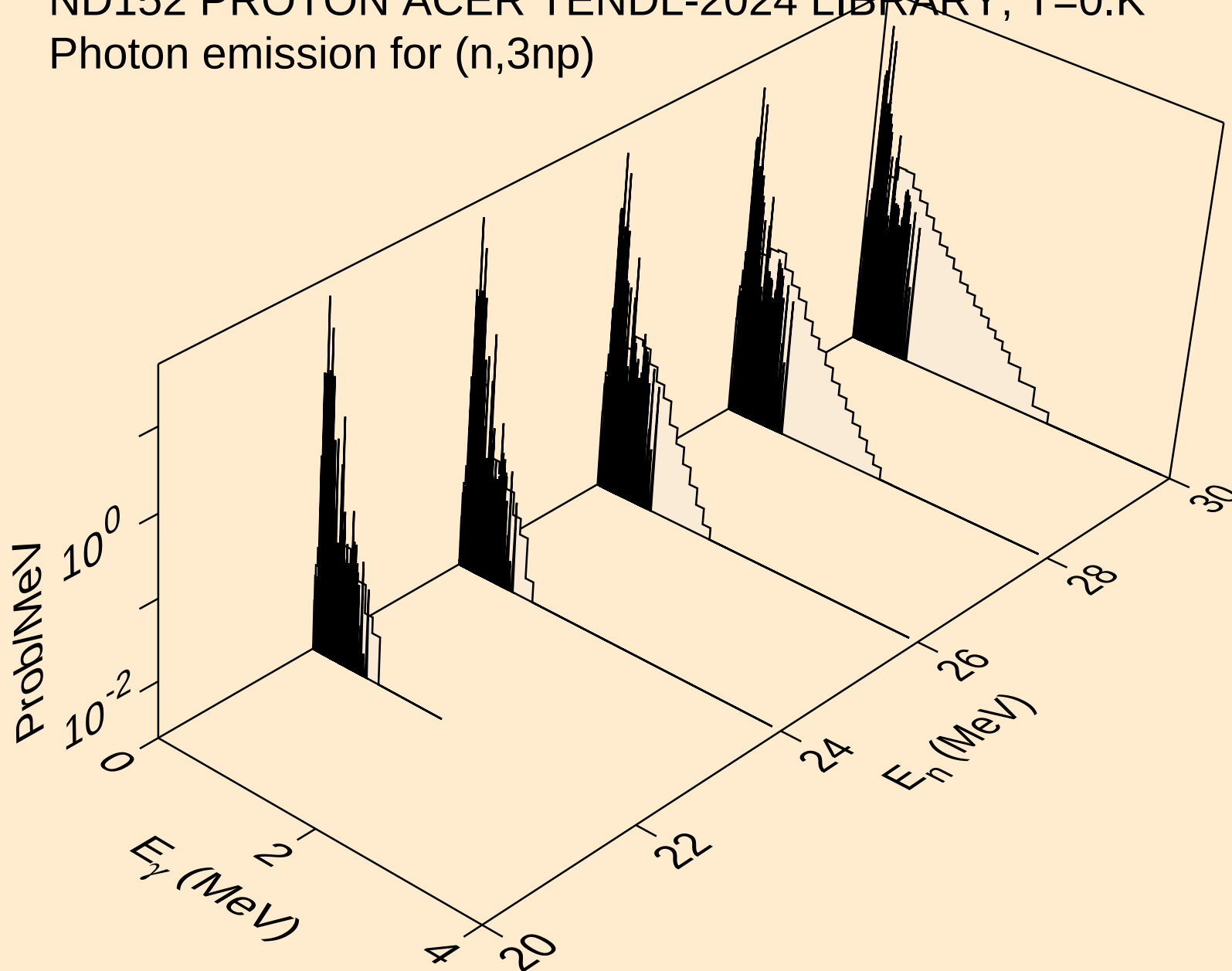
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



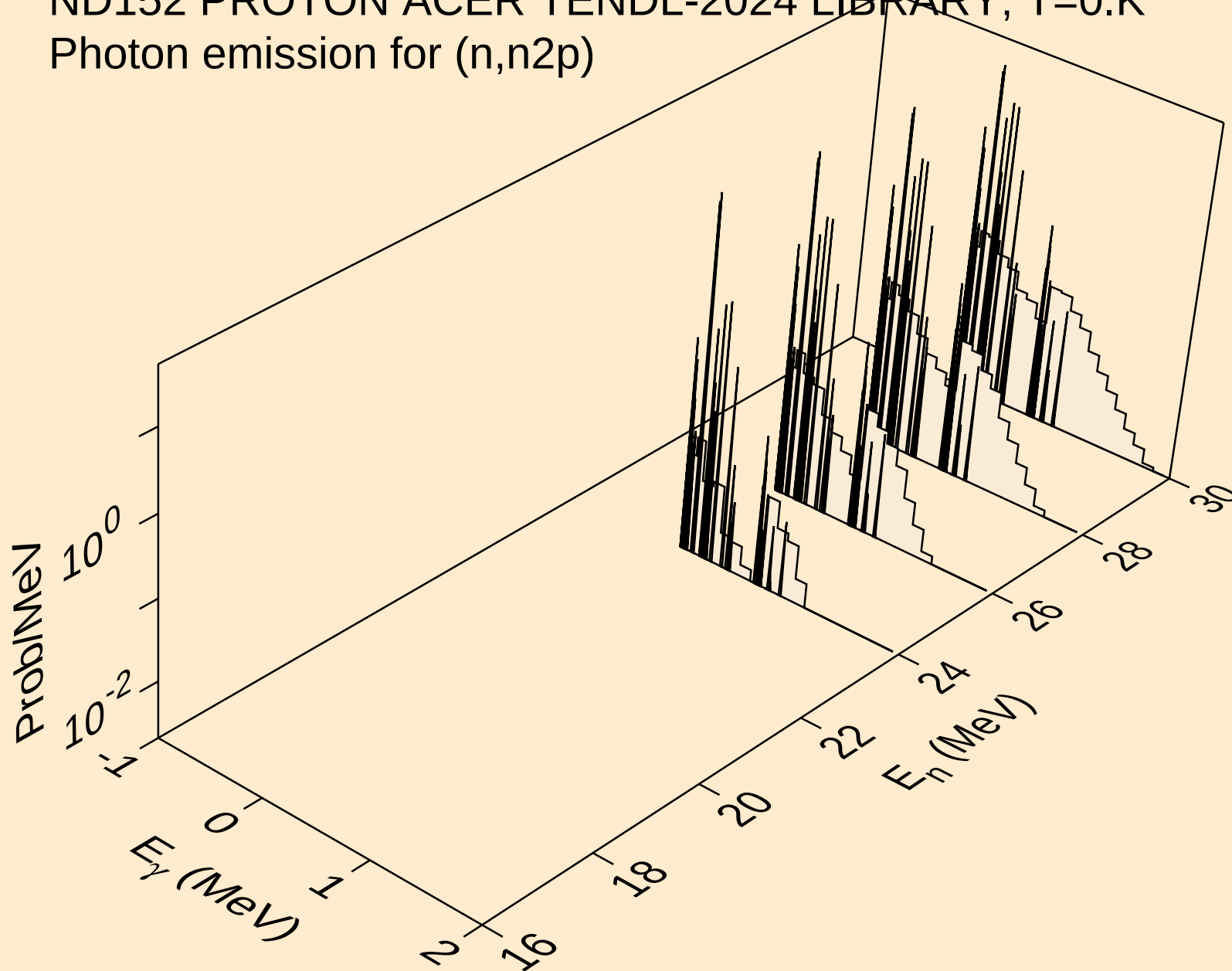
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



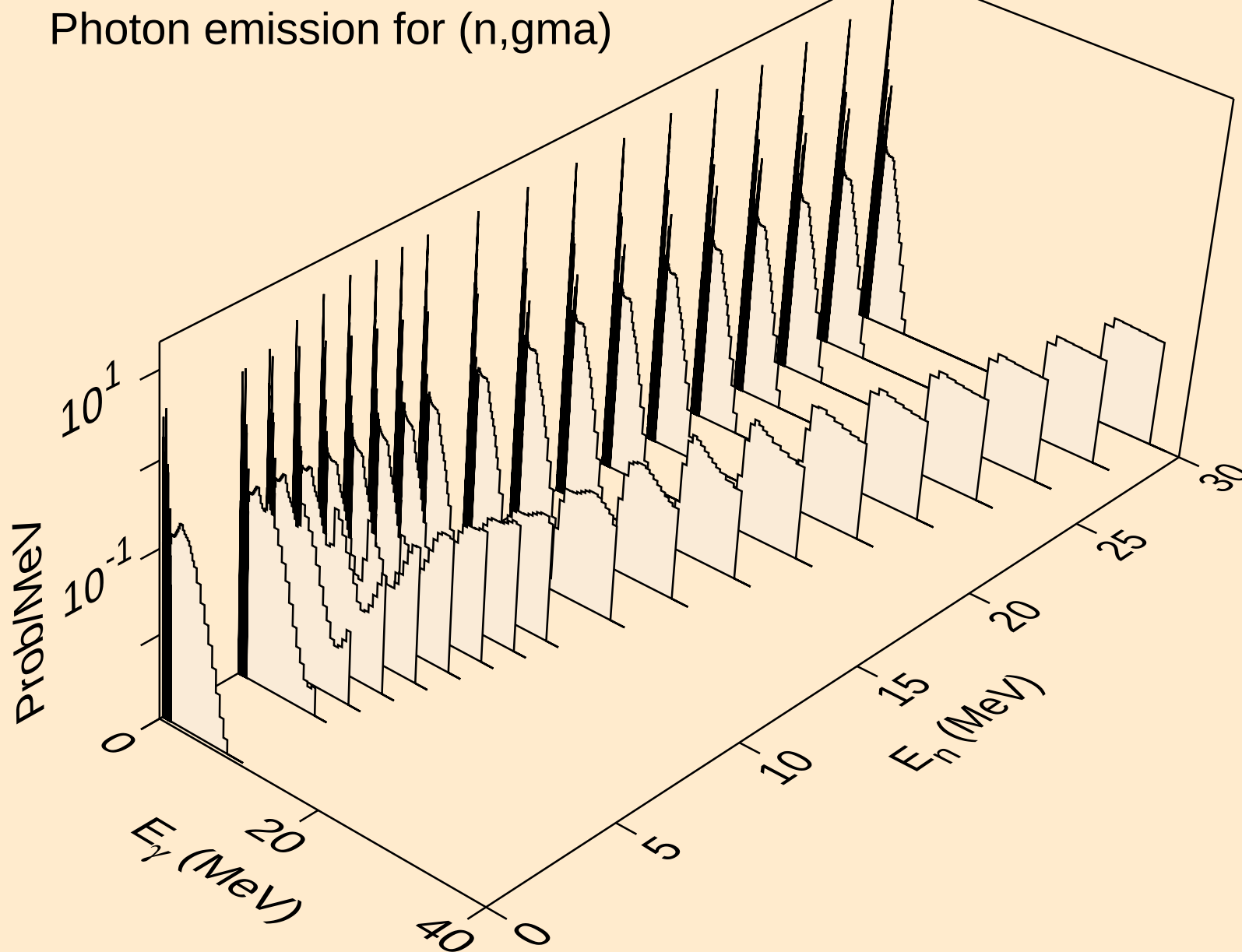
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



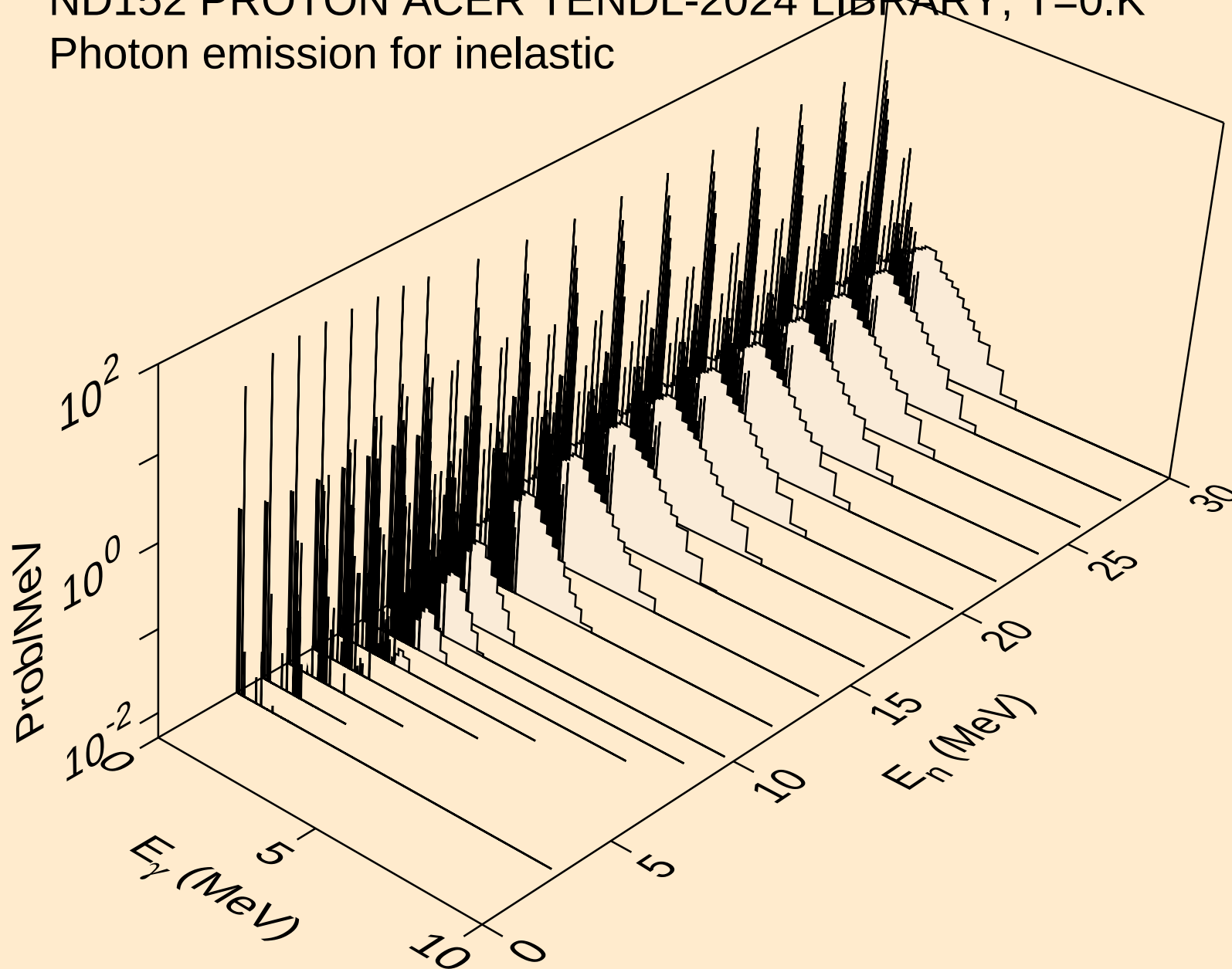
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



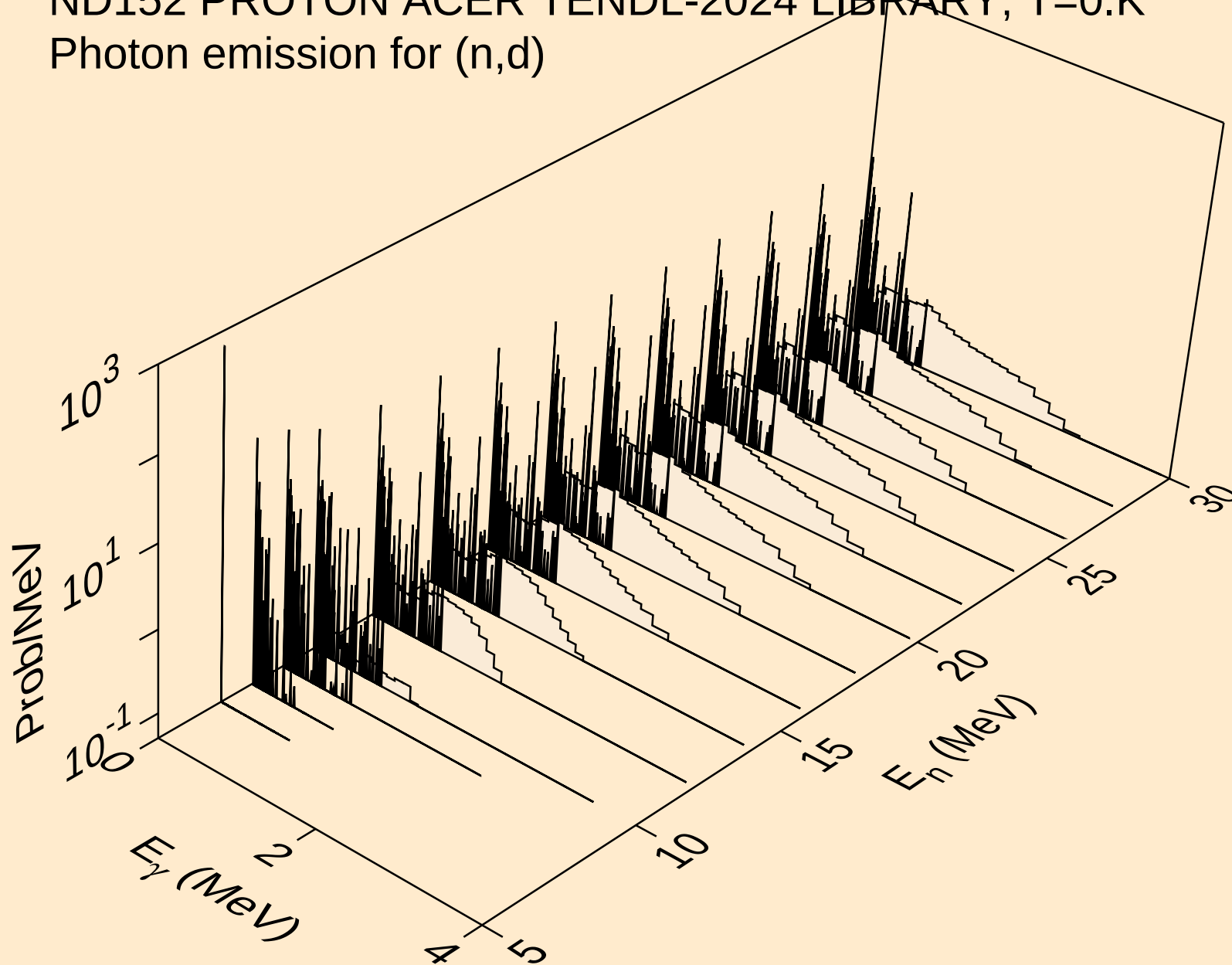
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



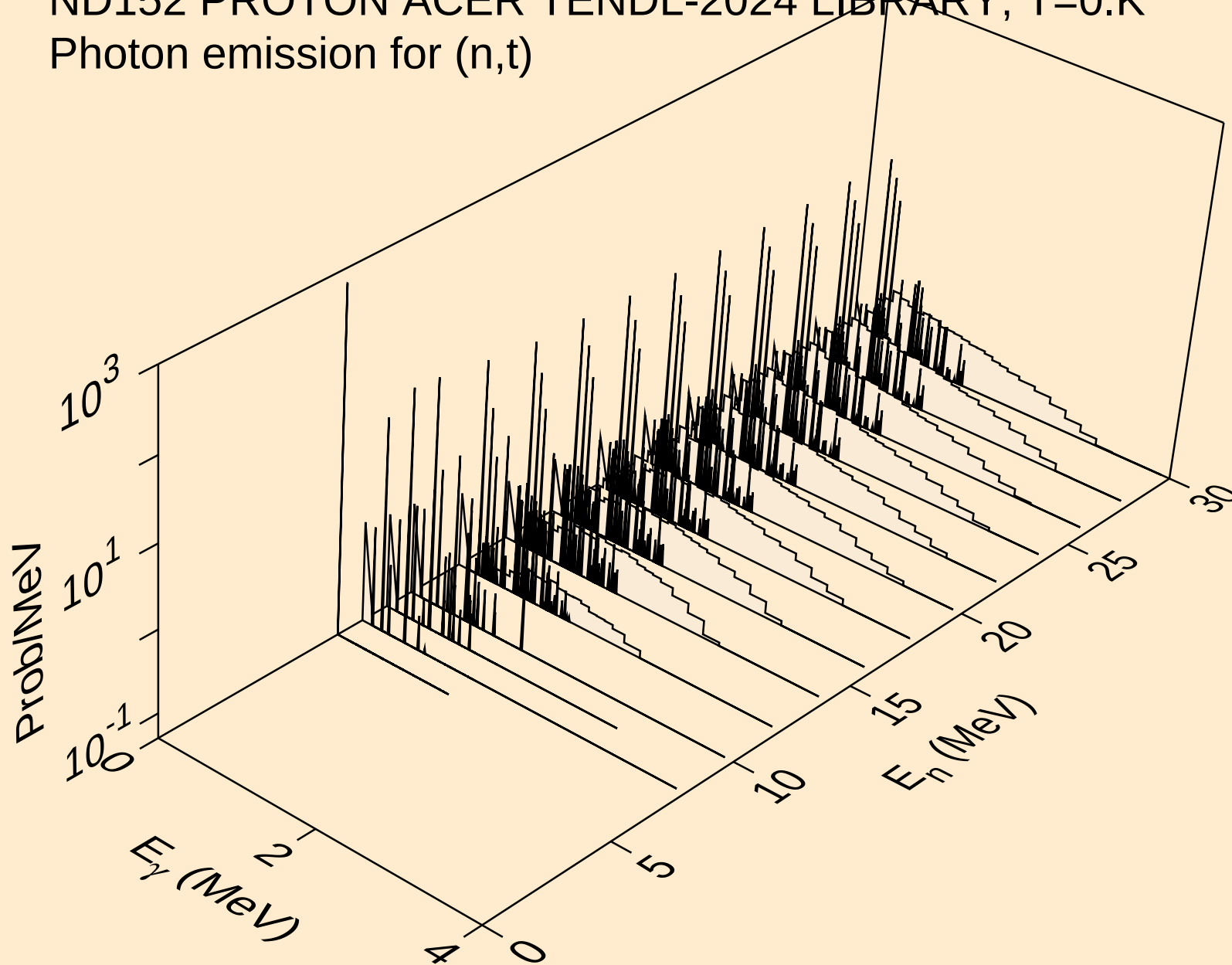
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



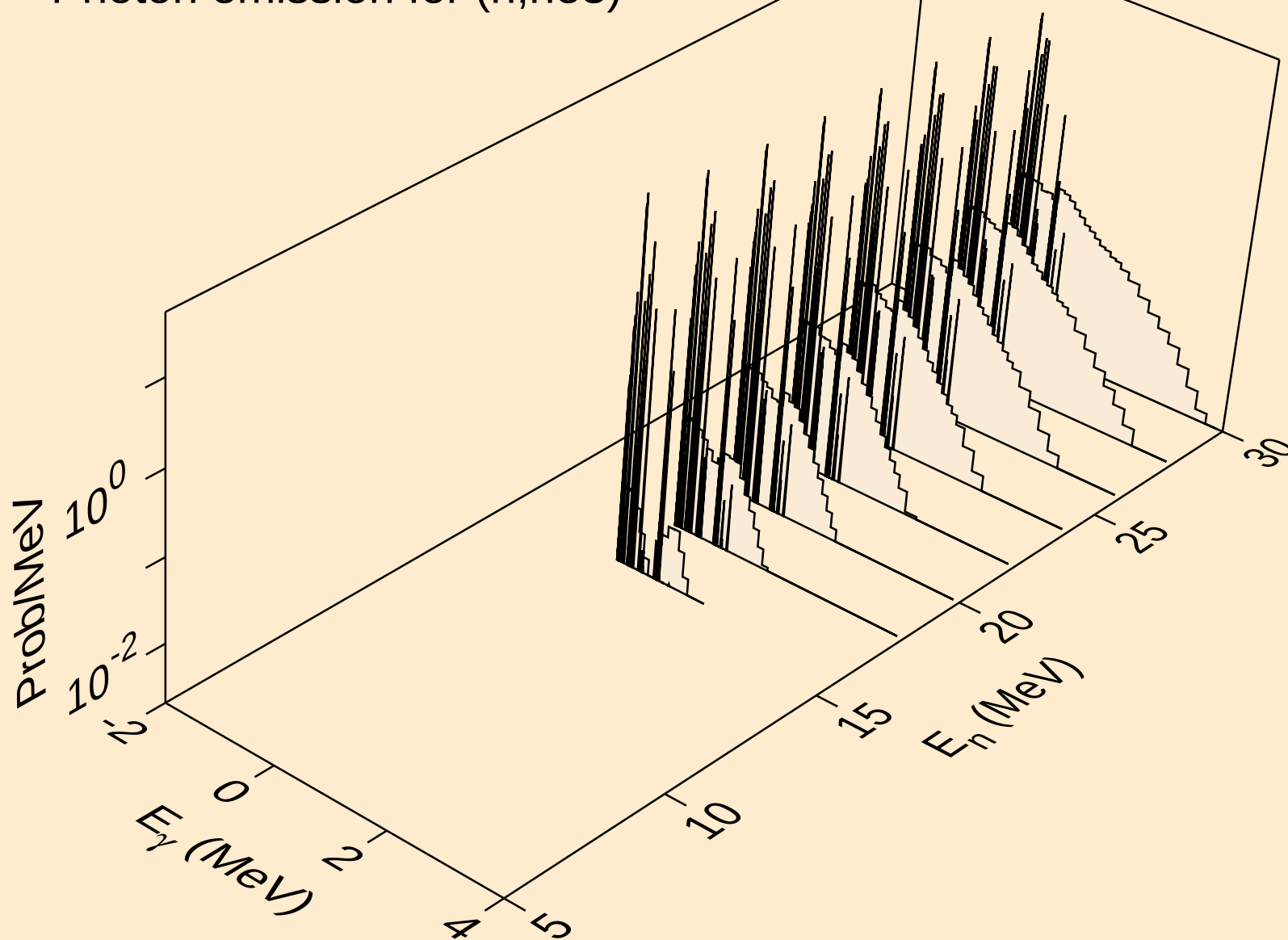
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



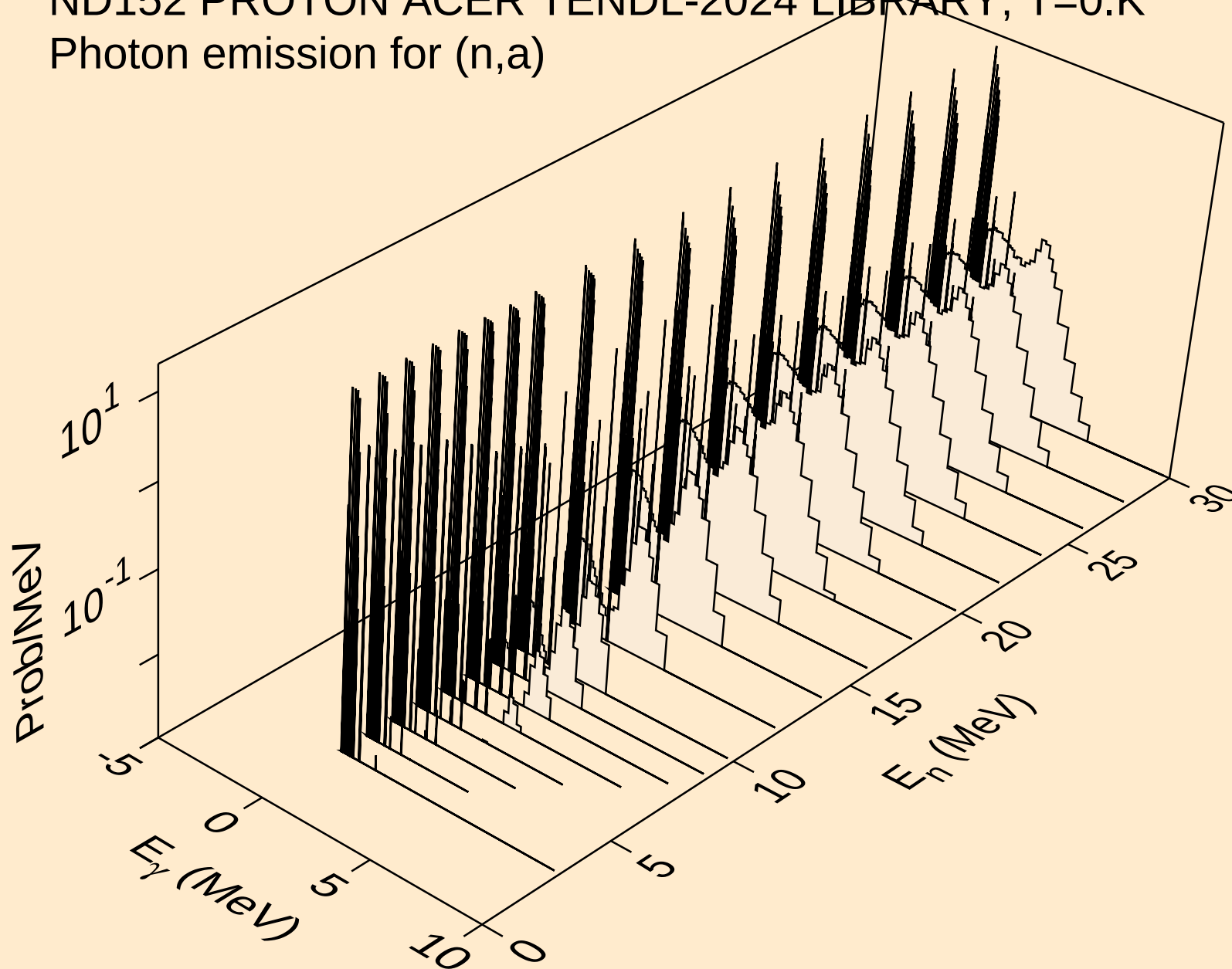
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



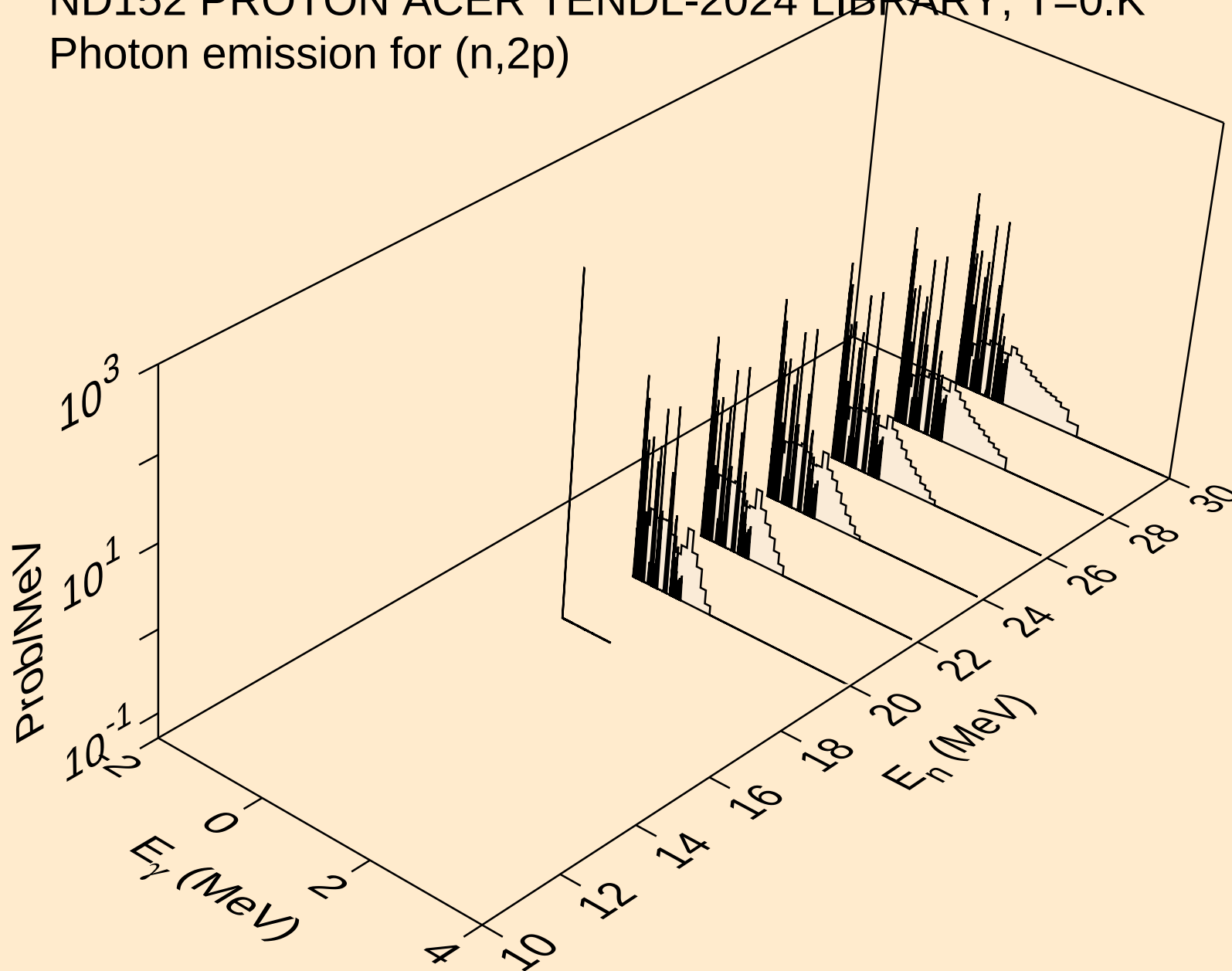
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



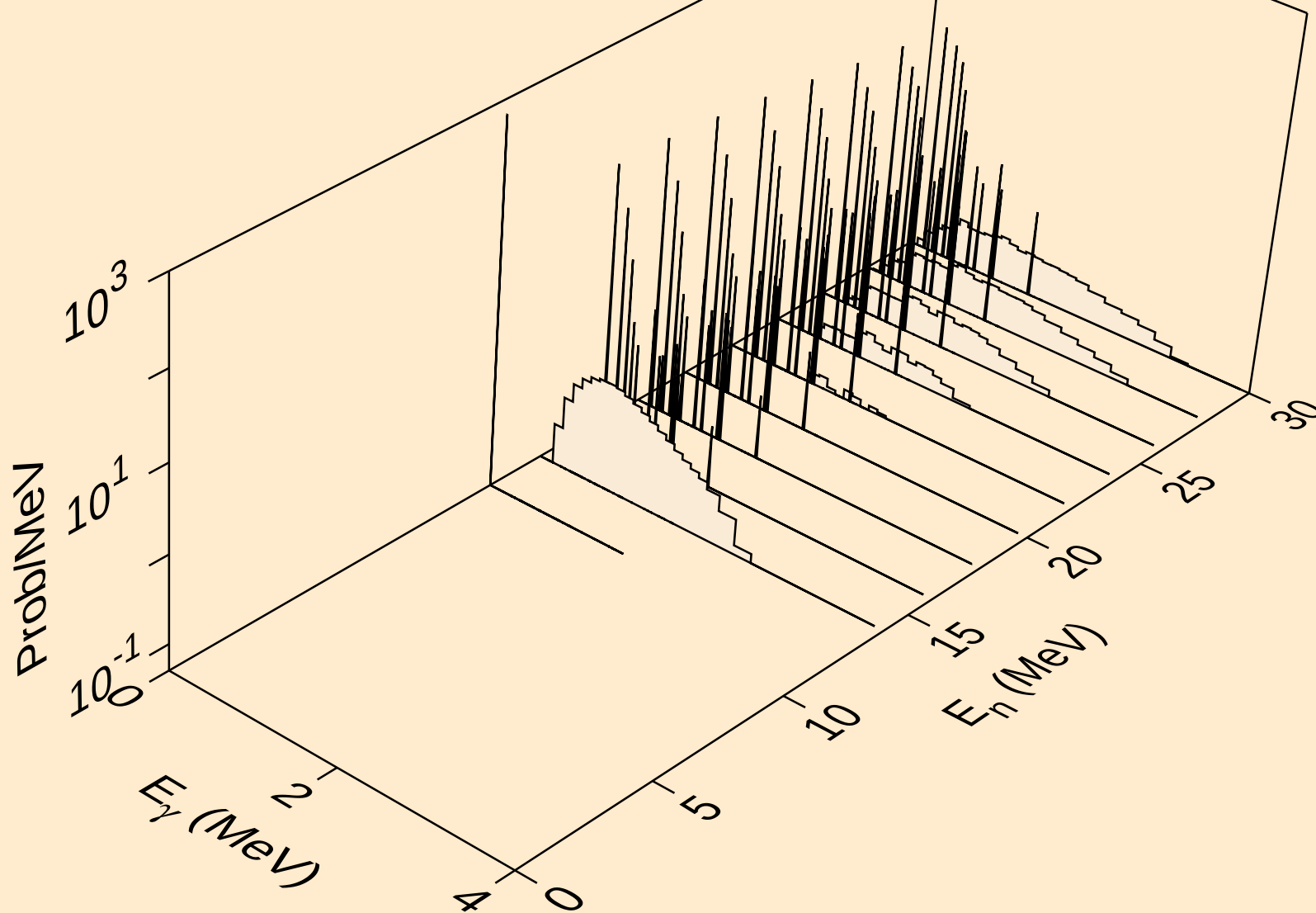
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

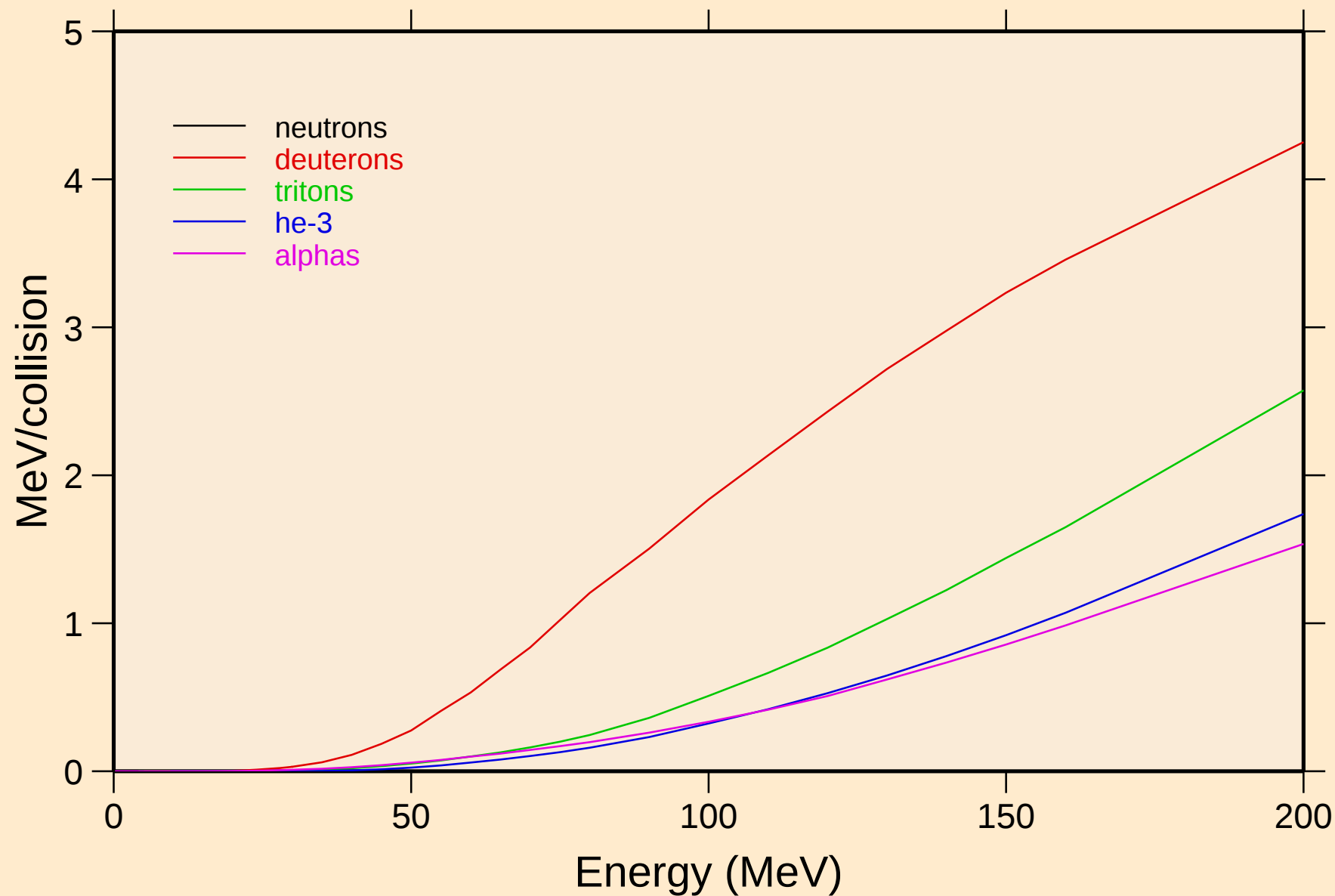


ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



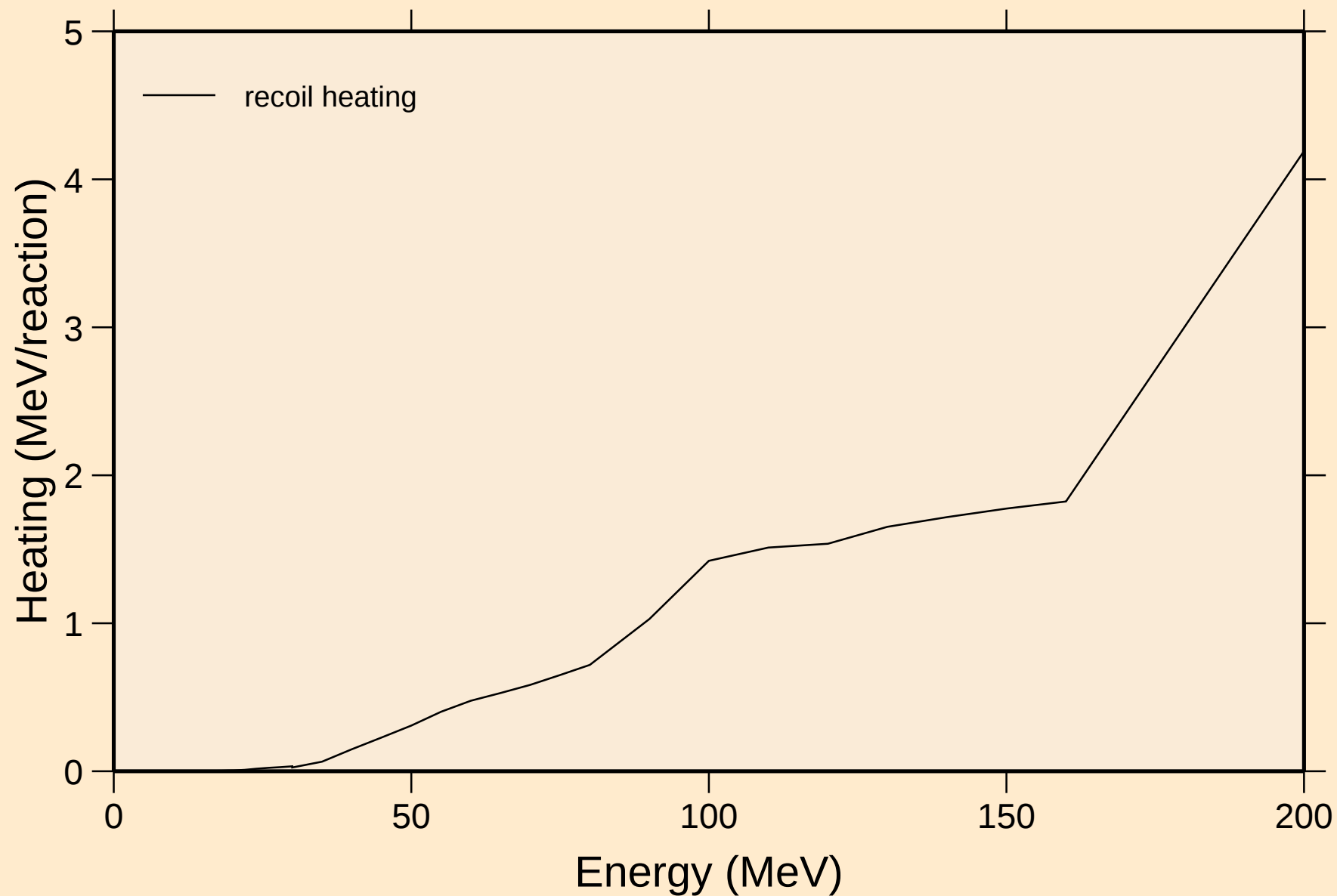
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



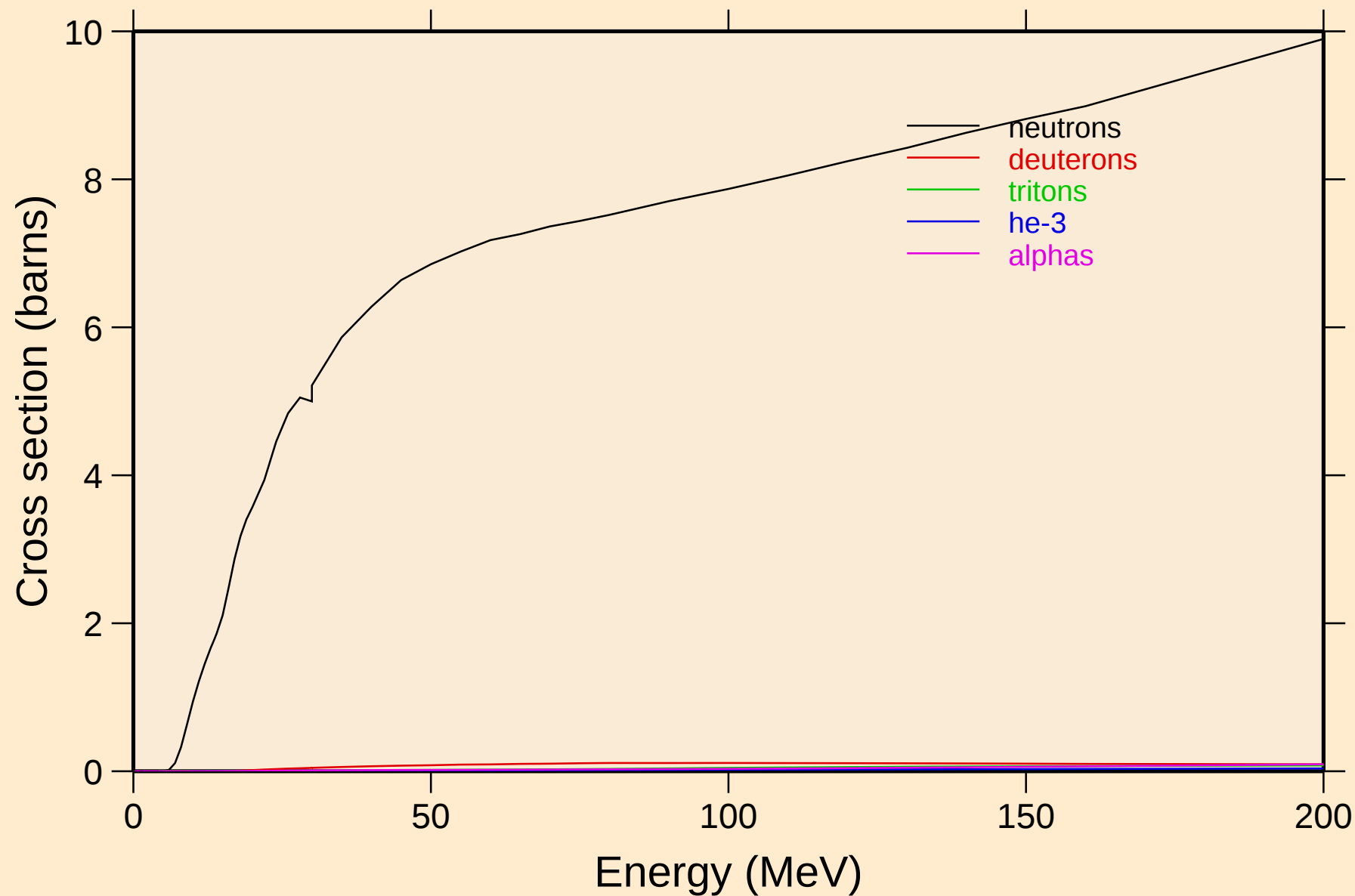
# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

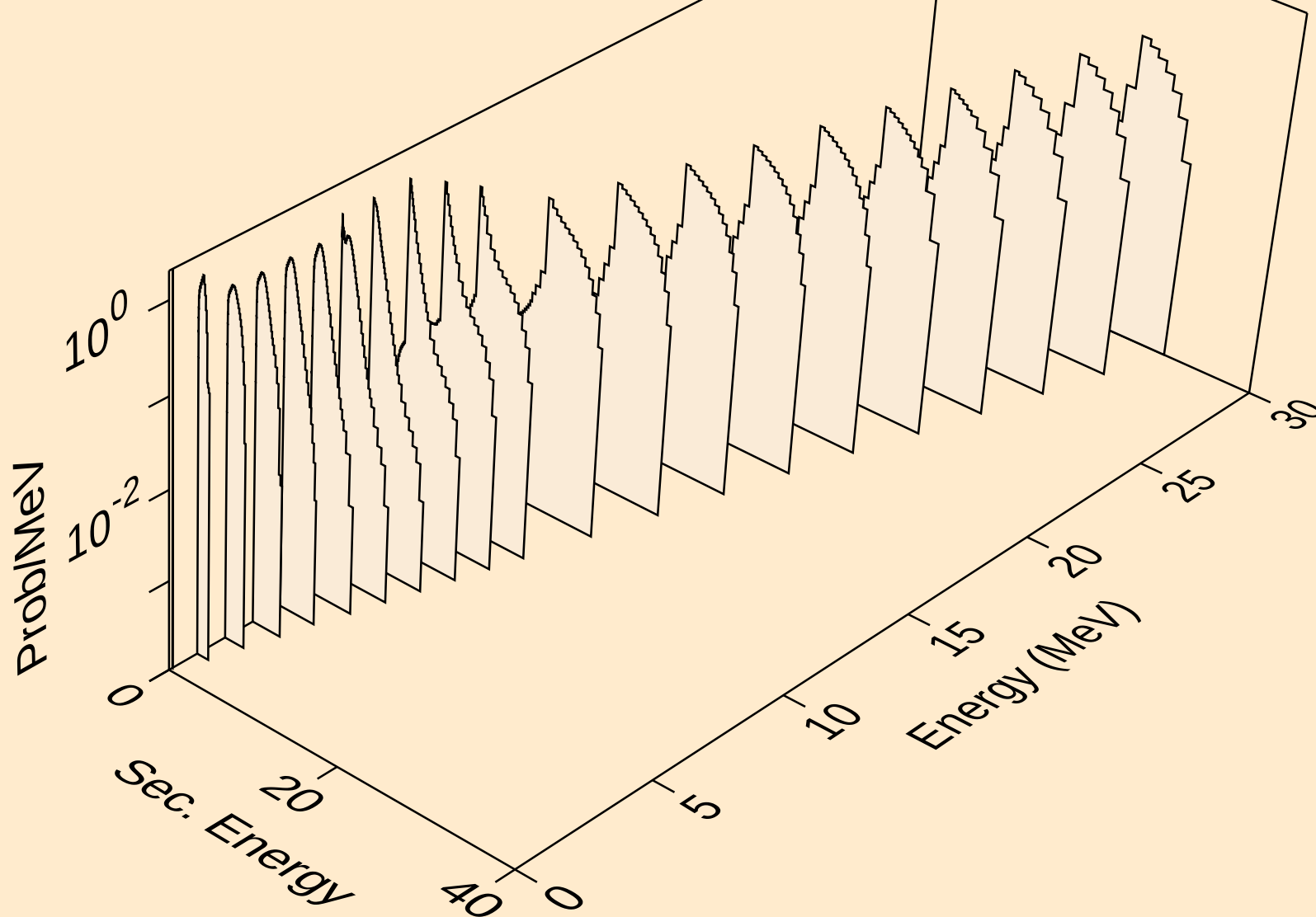


# ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

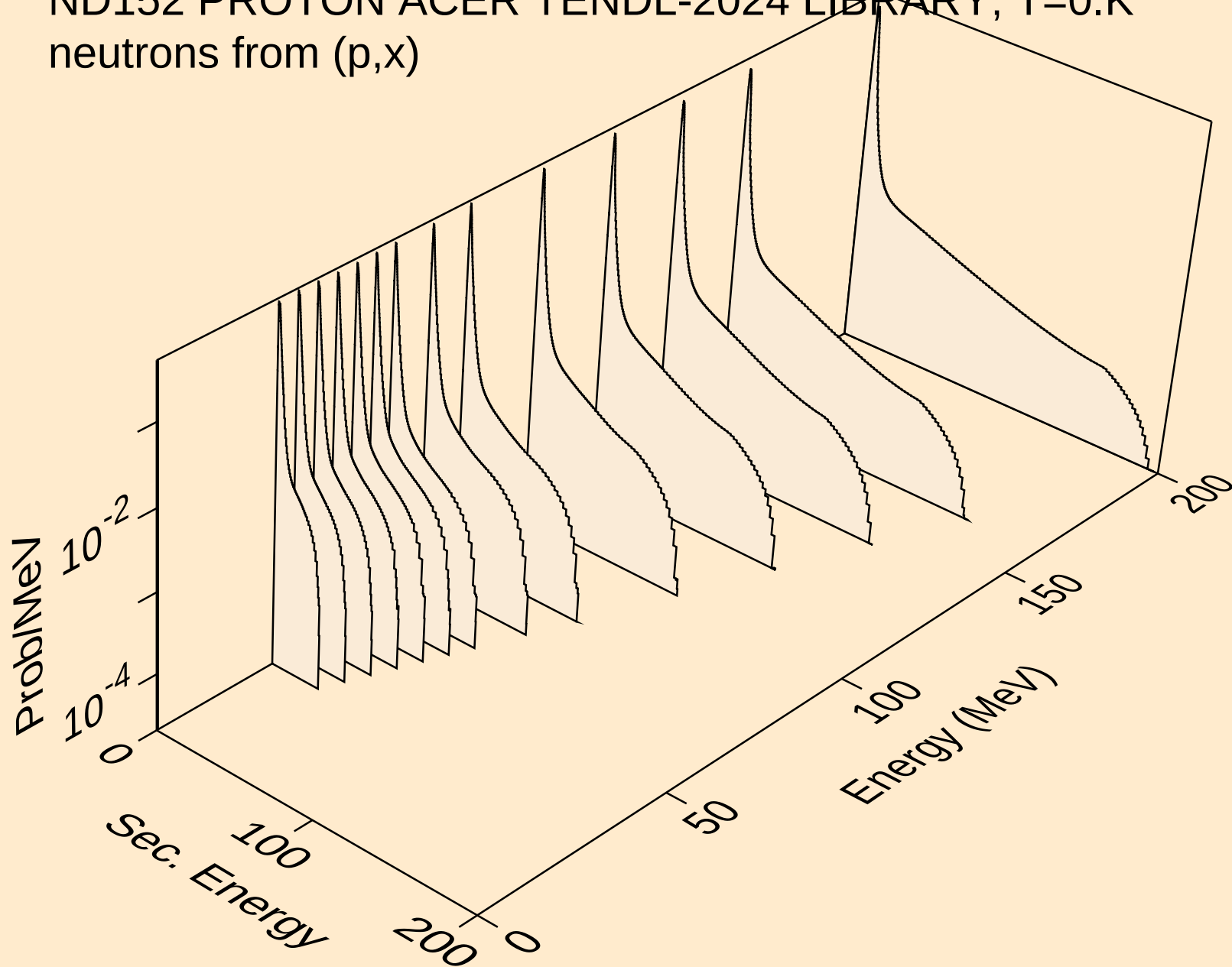
## Particle production cross sections



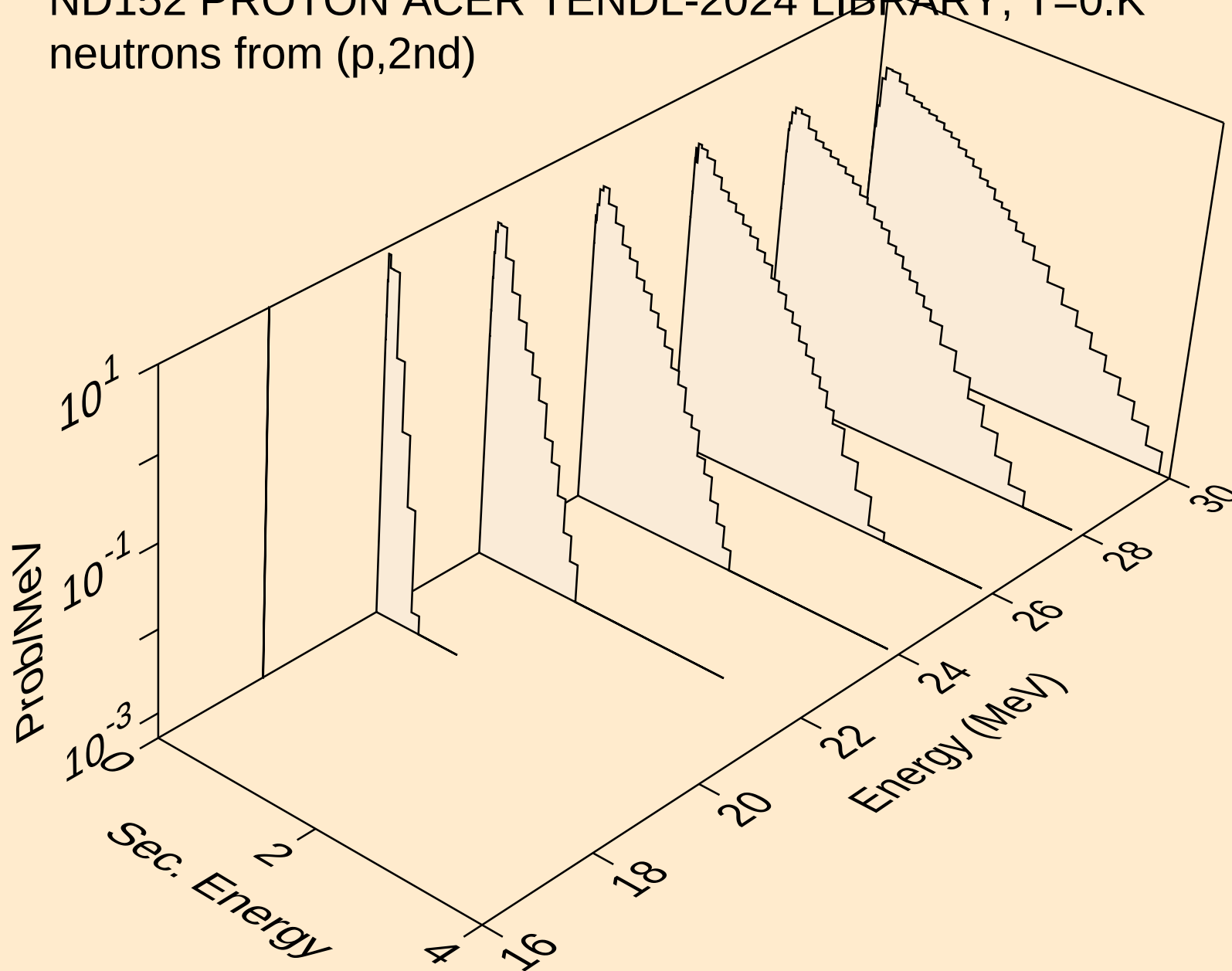
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



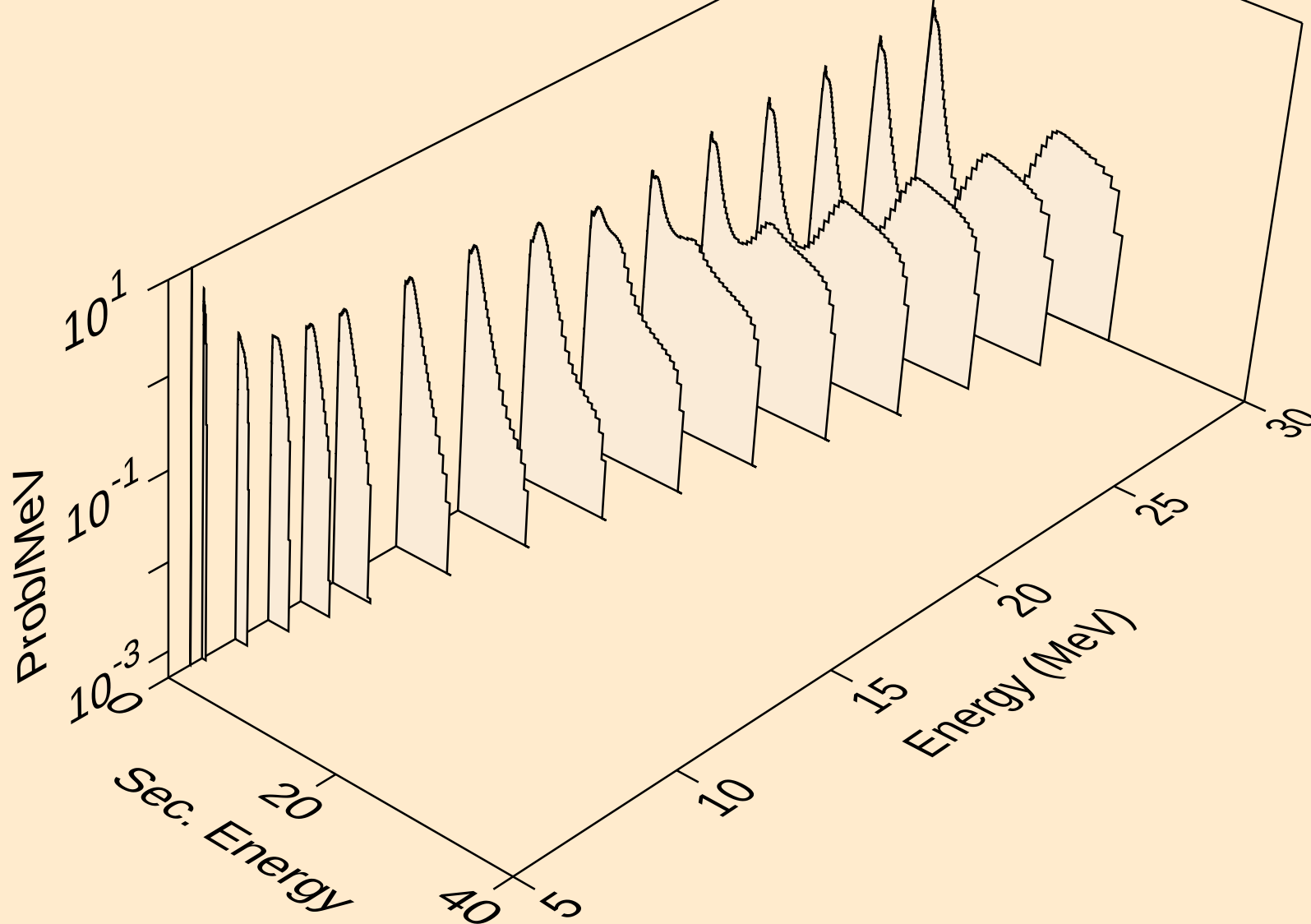
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



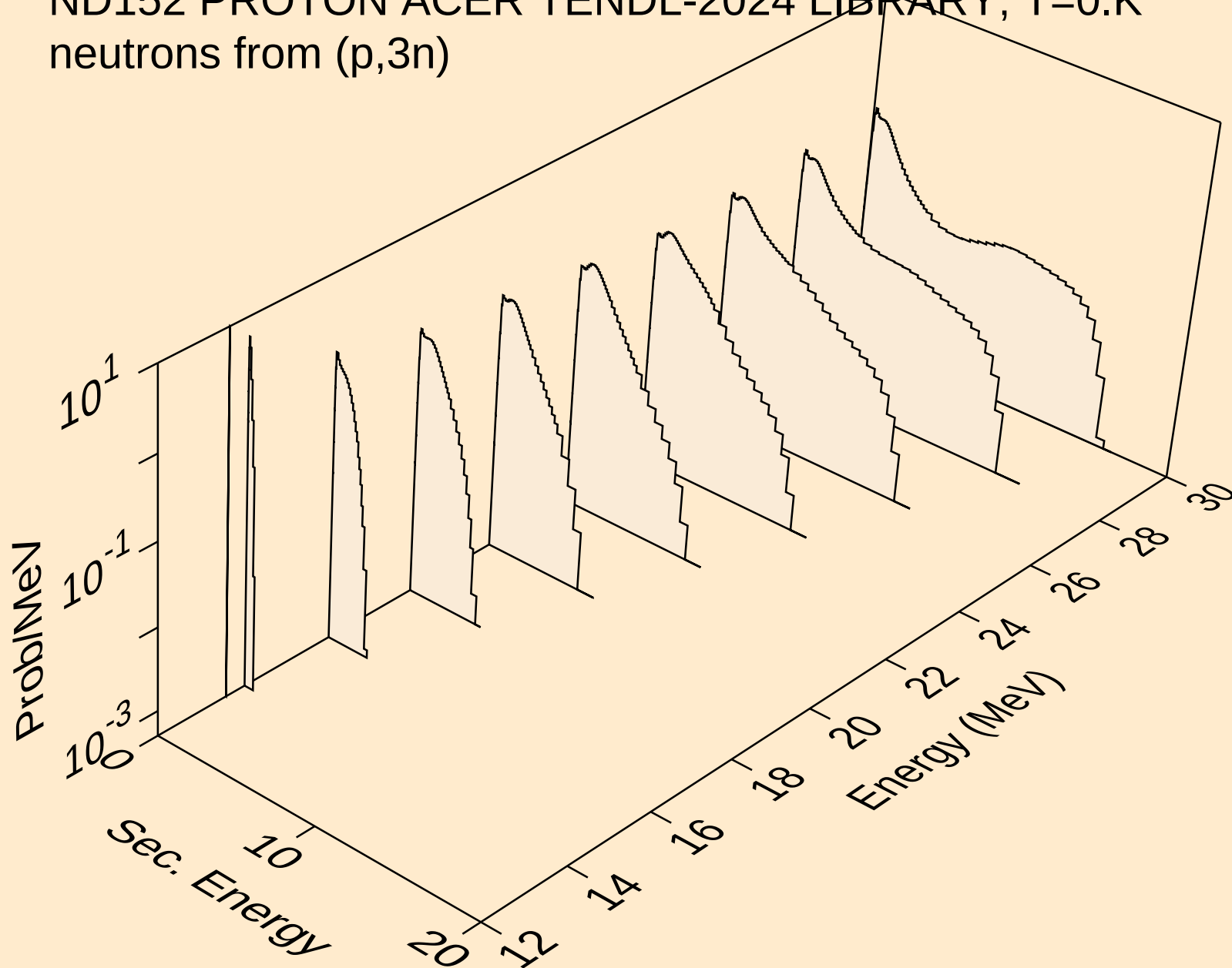
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



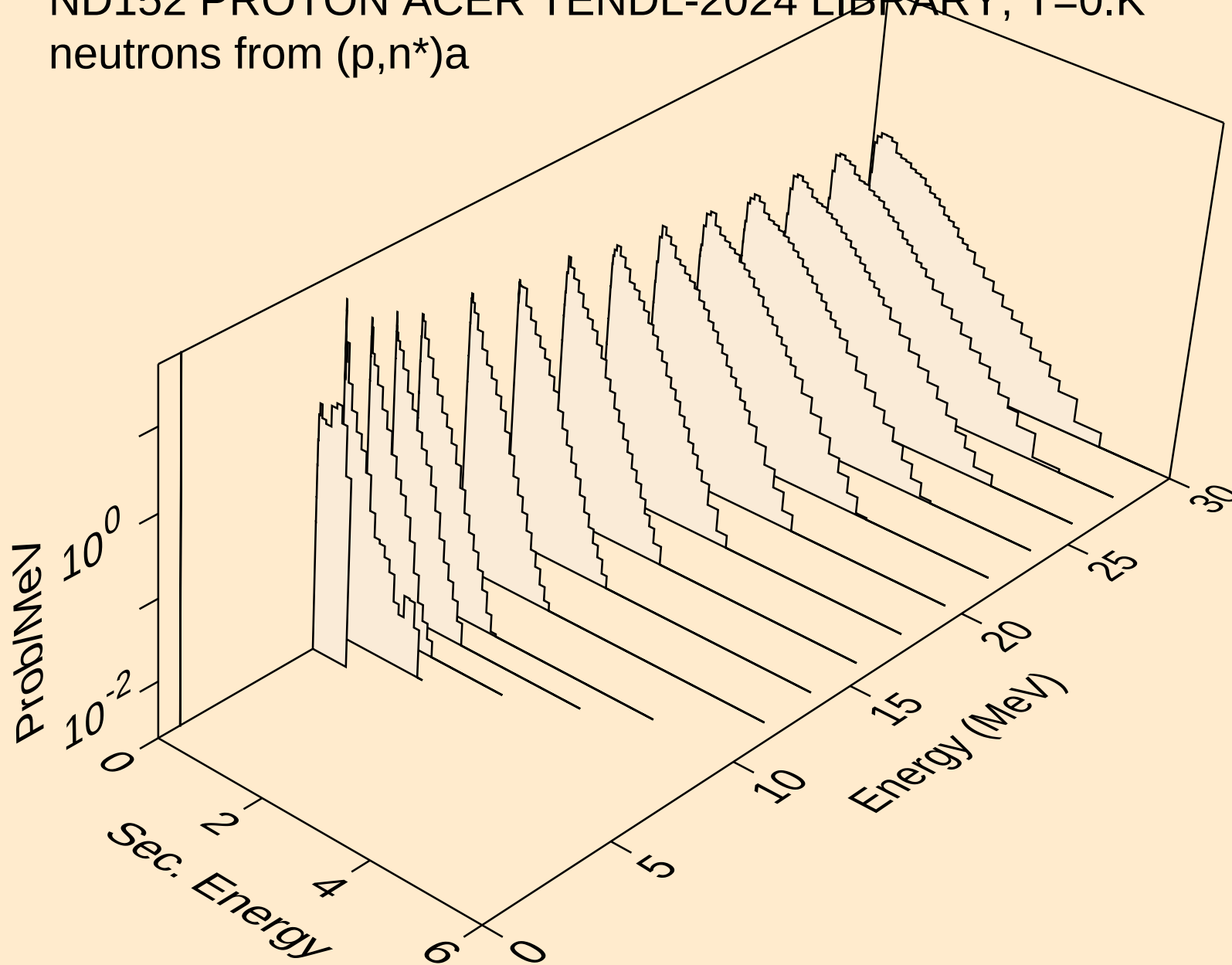
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



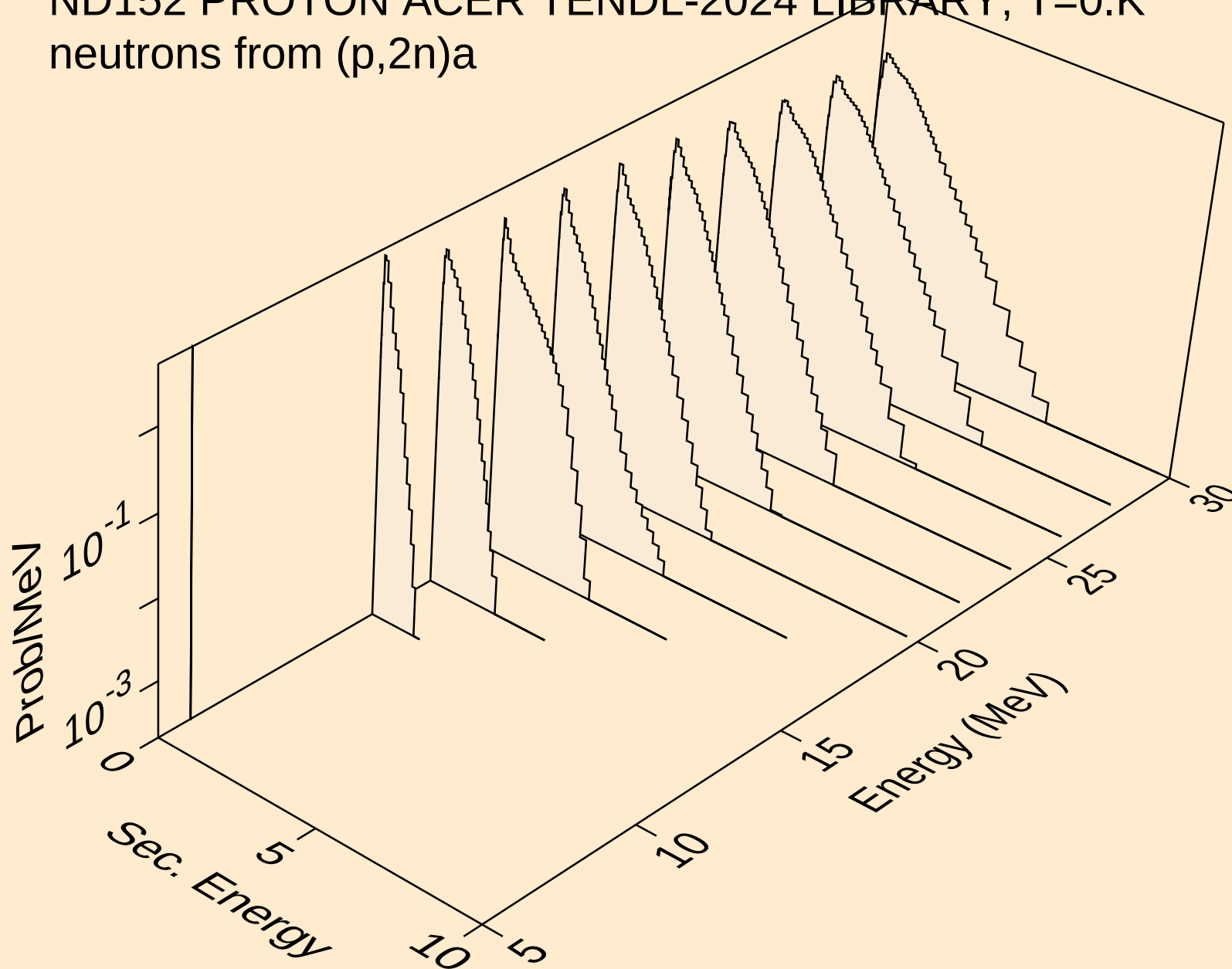
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



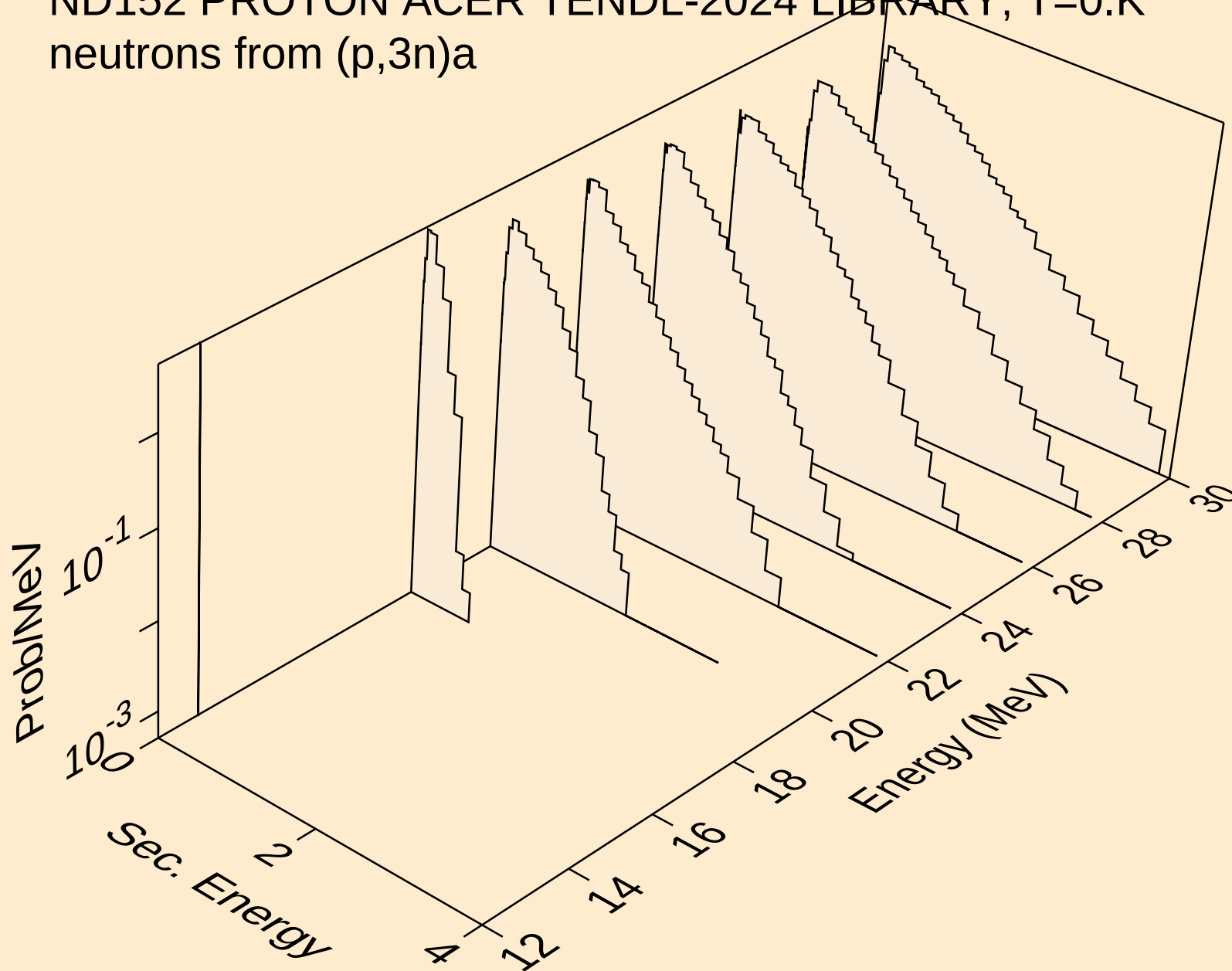
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



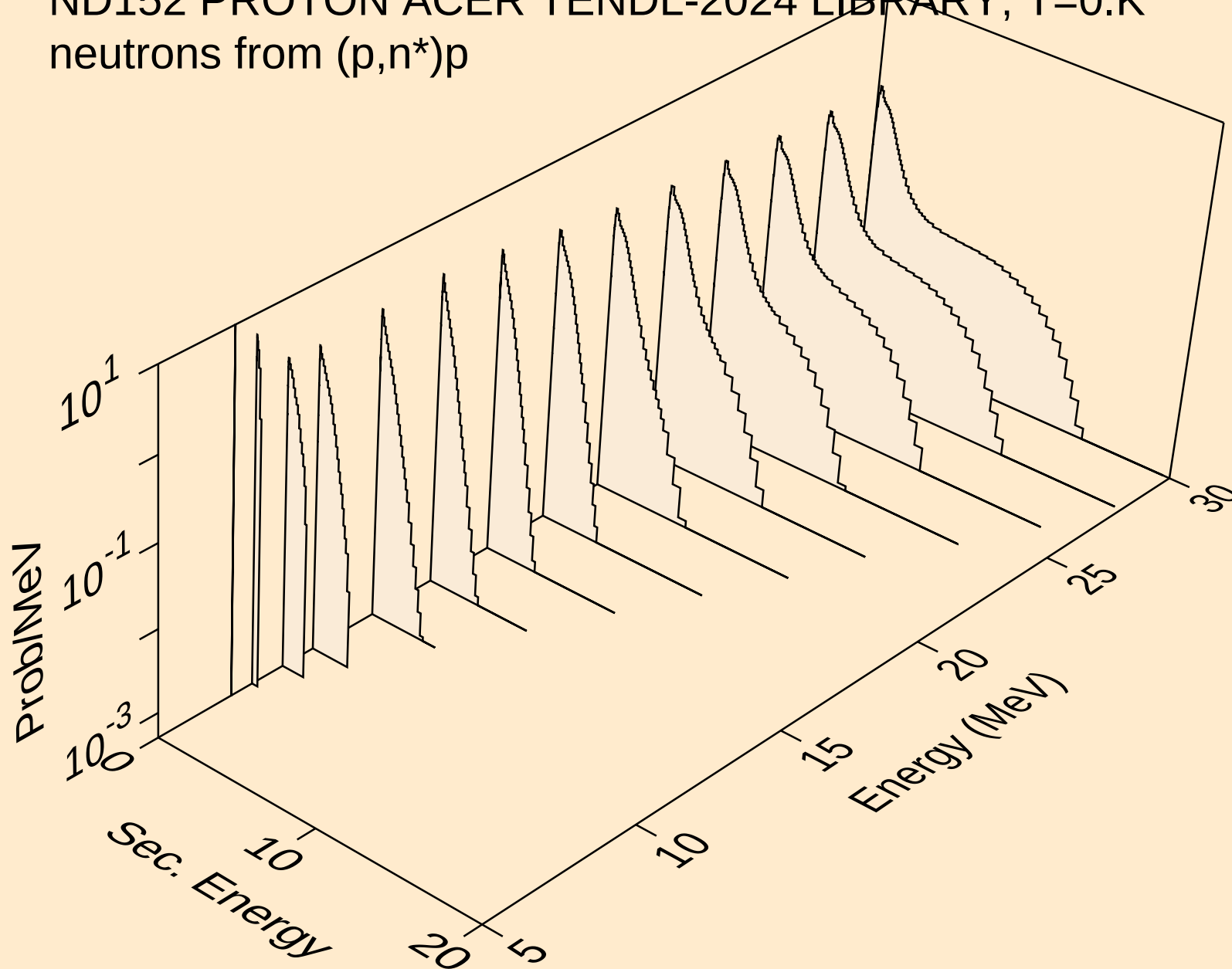
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



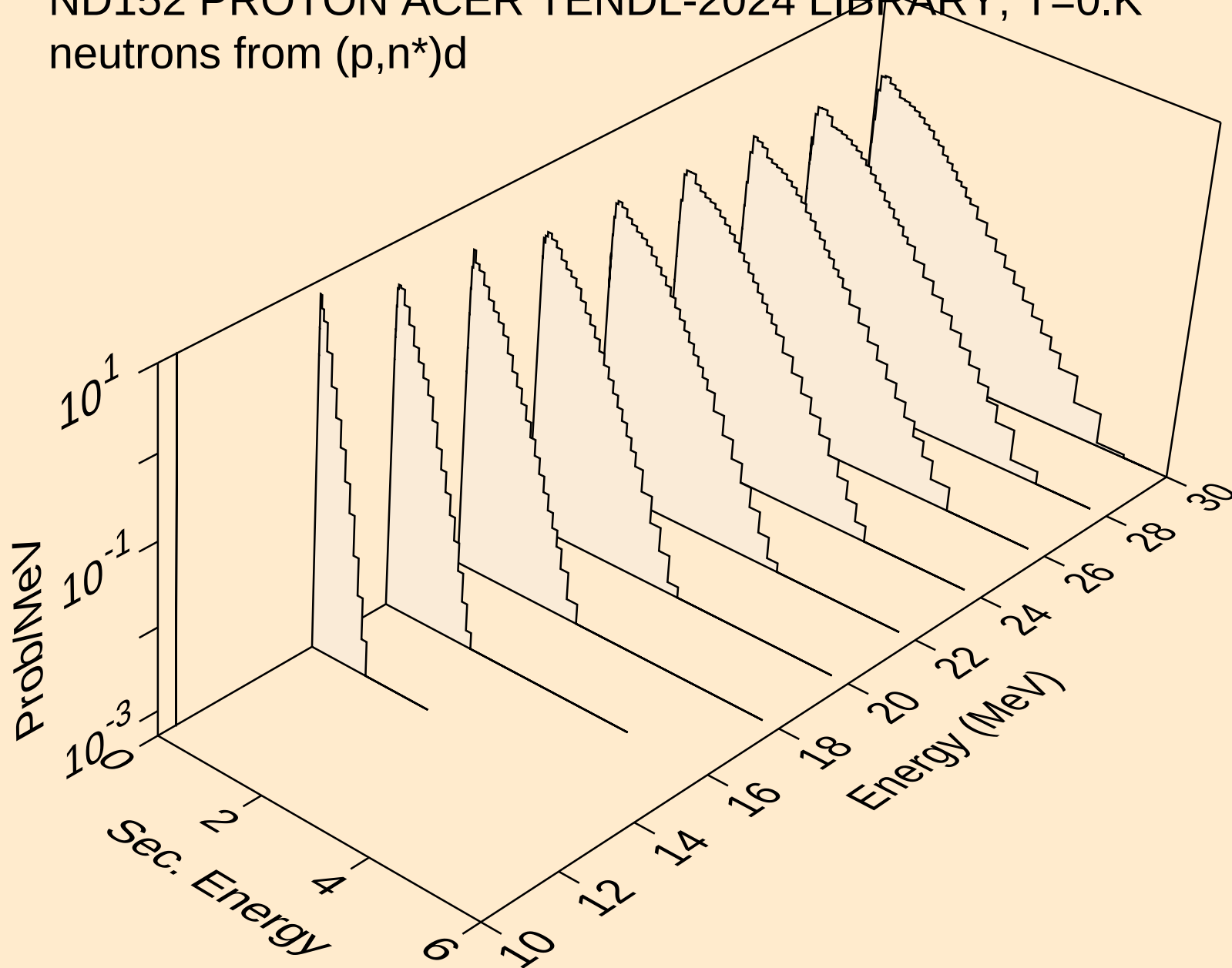
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neutrons from (p,3n)a



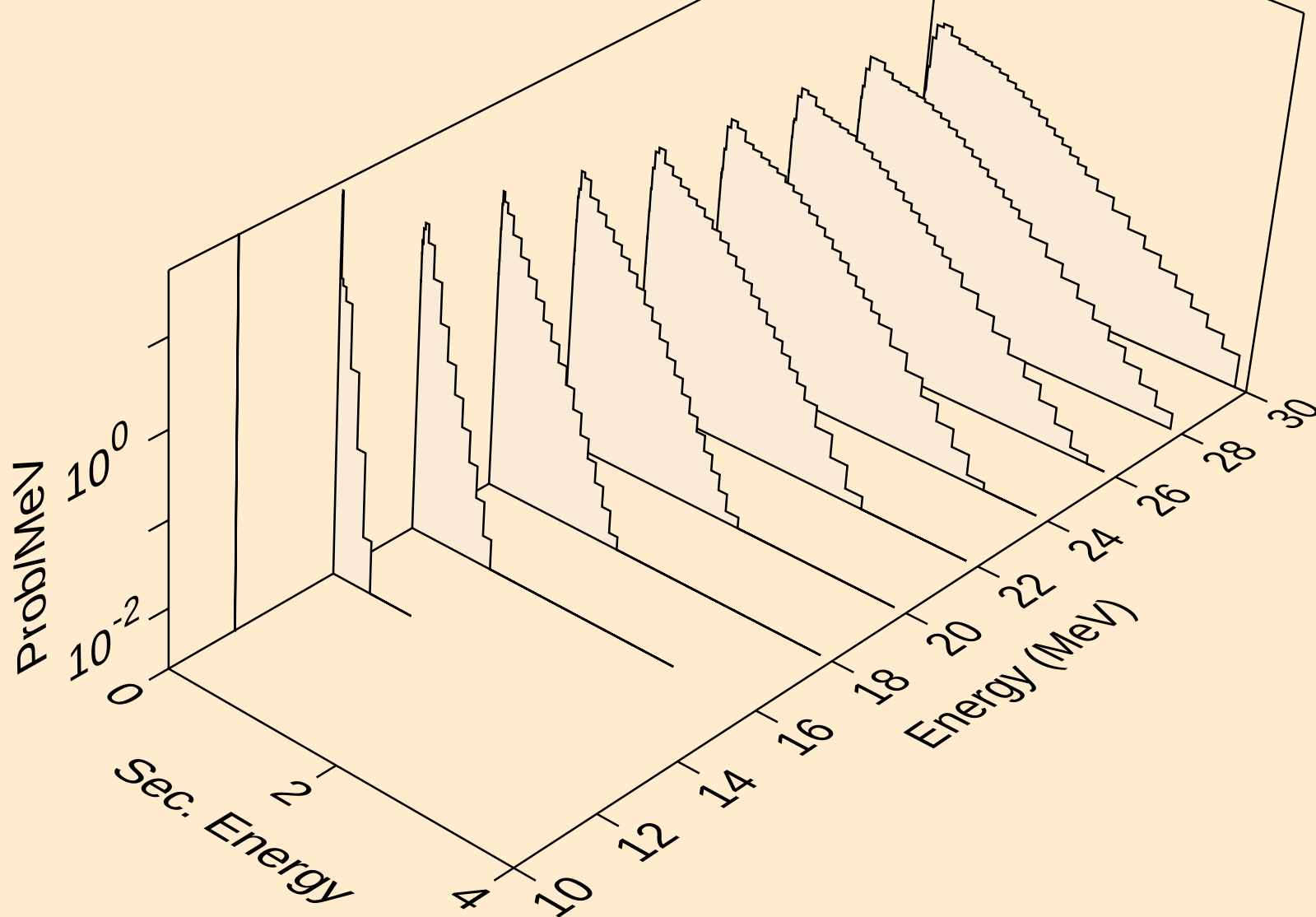
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



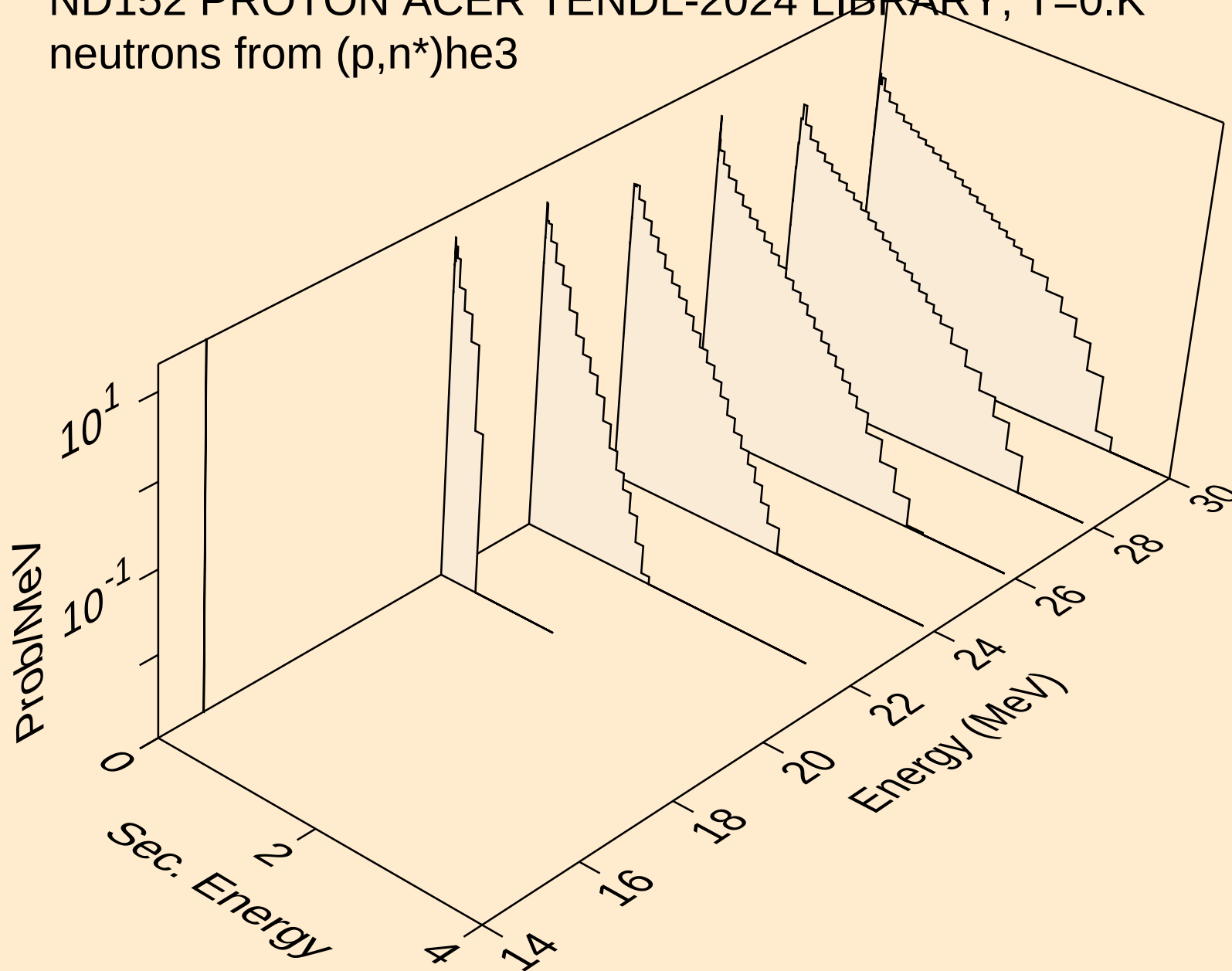
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



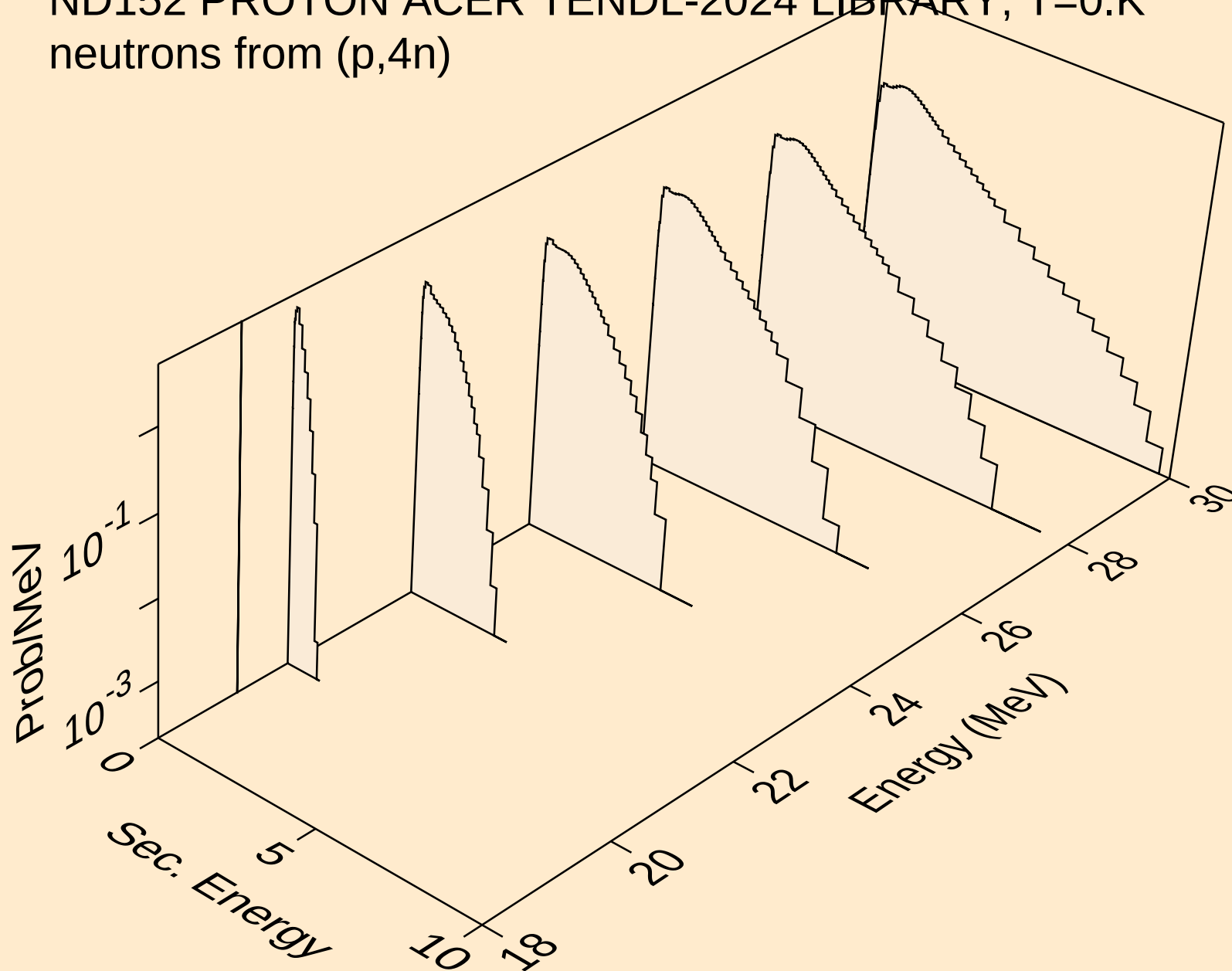
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



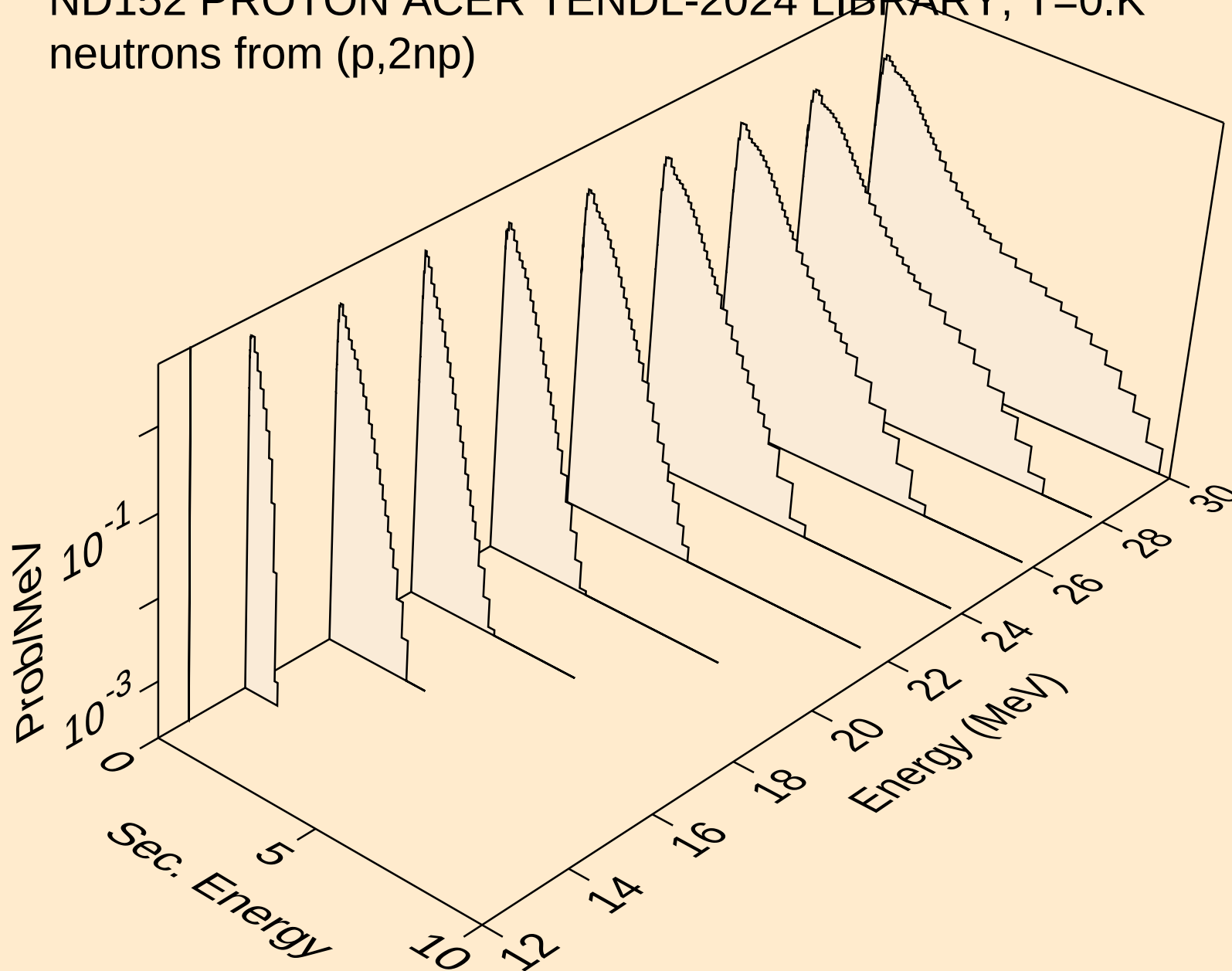
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



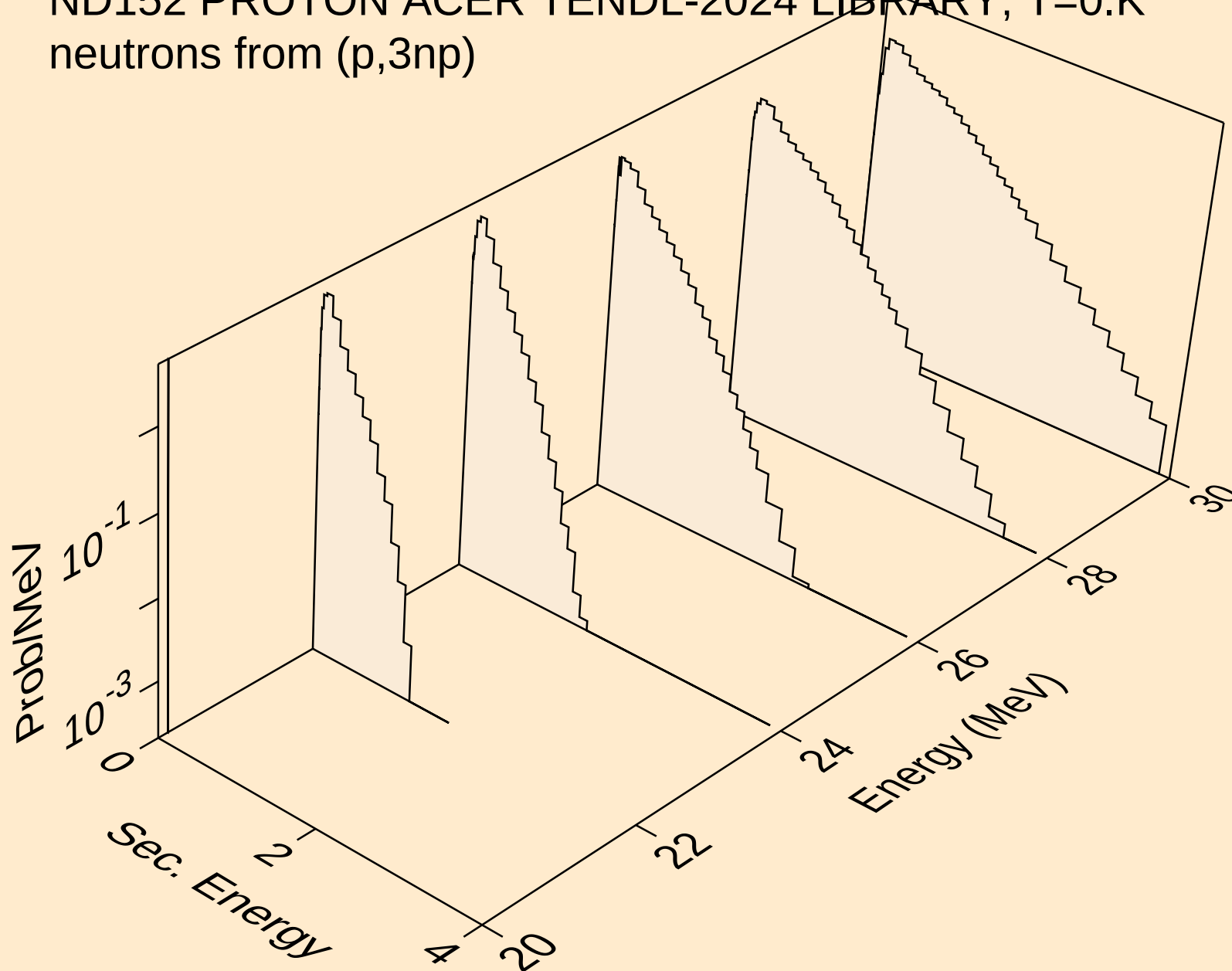
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



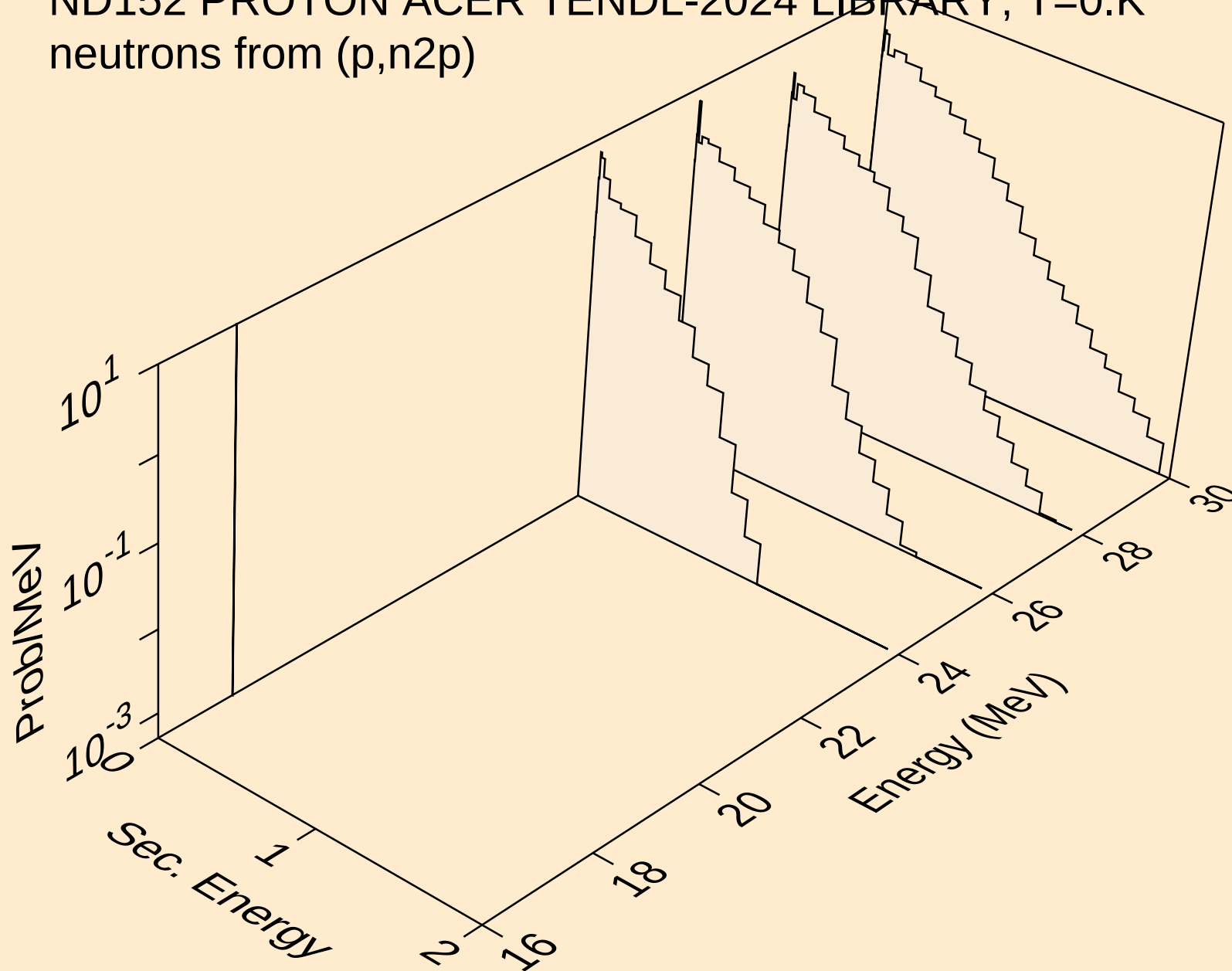
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



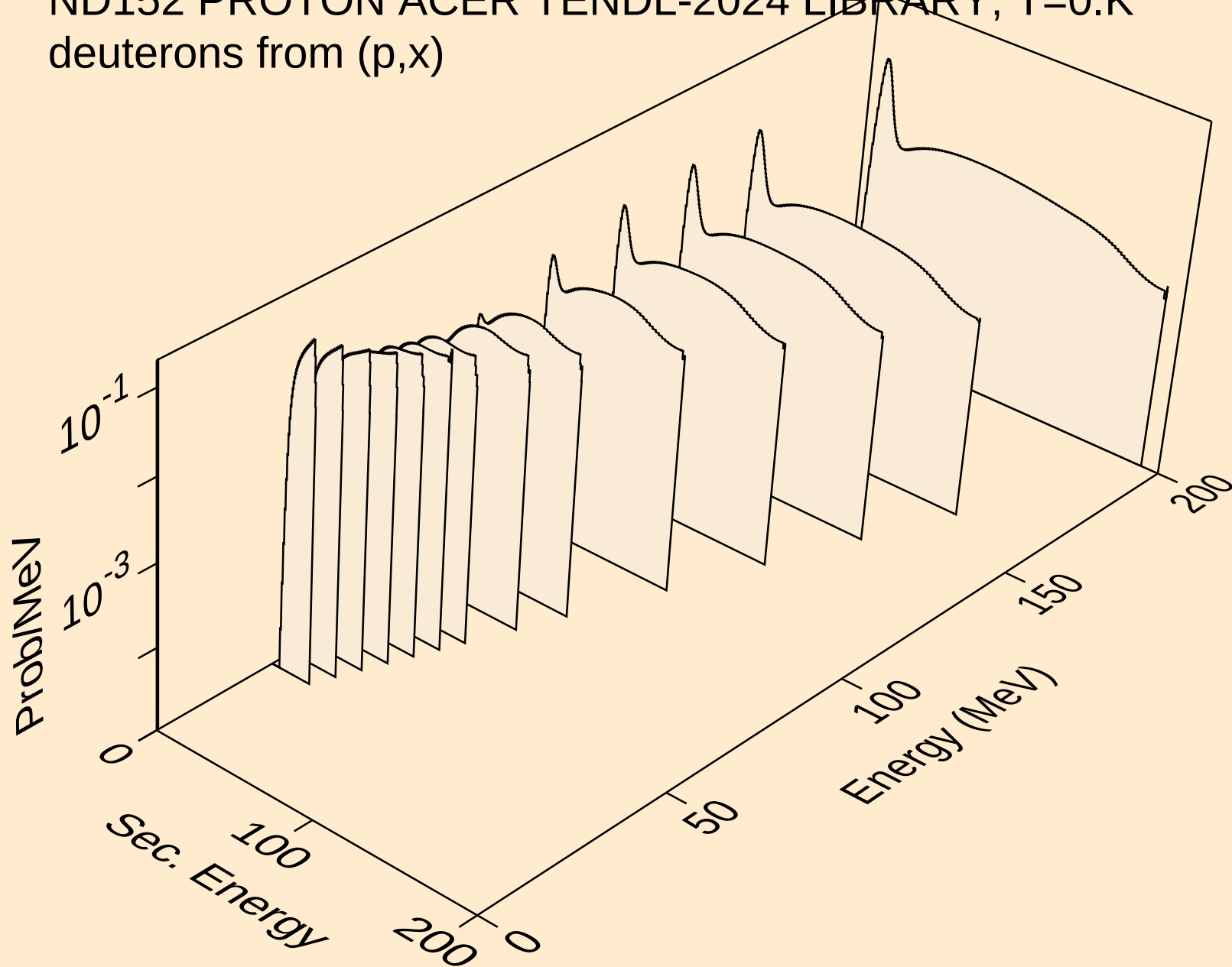
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neutrons from (p,3np)



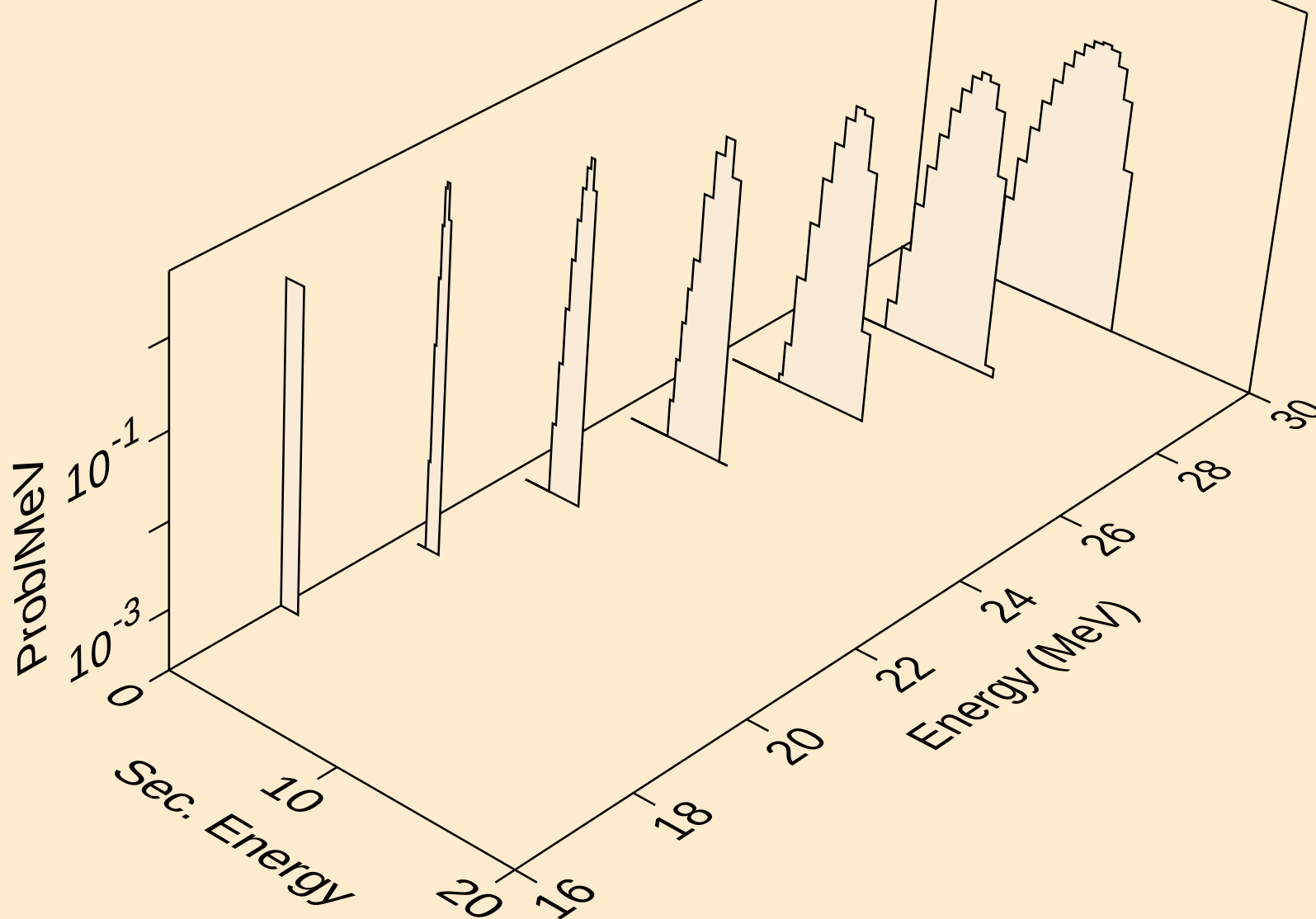
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



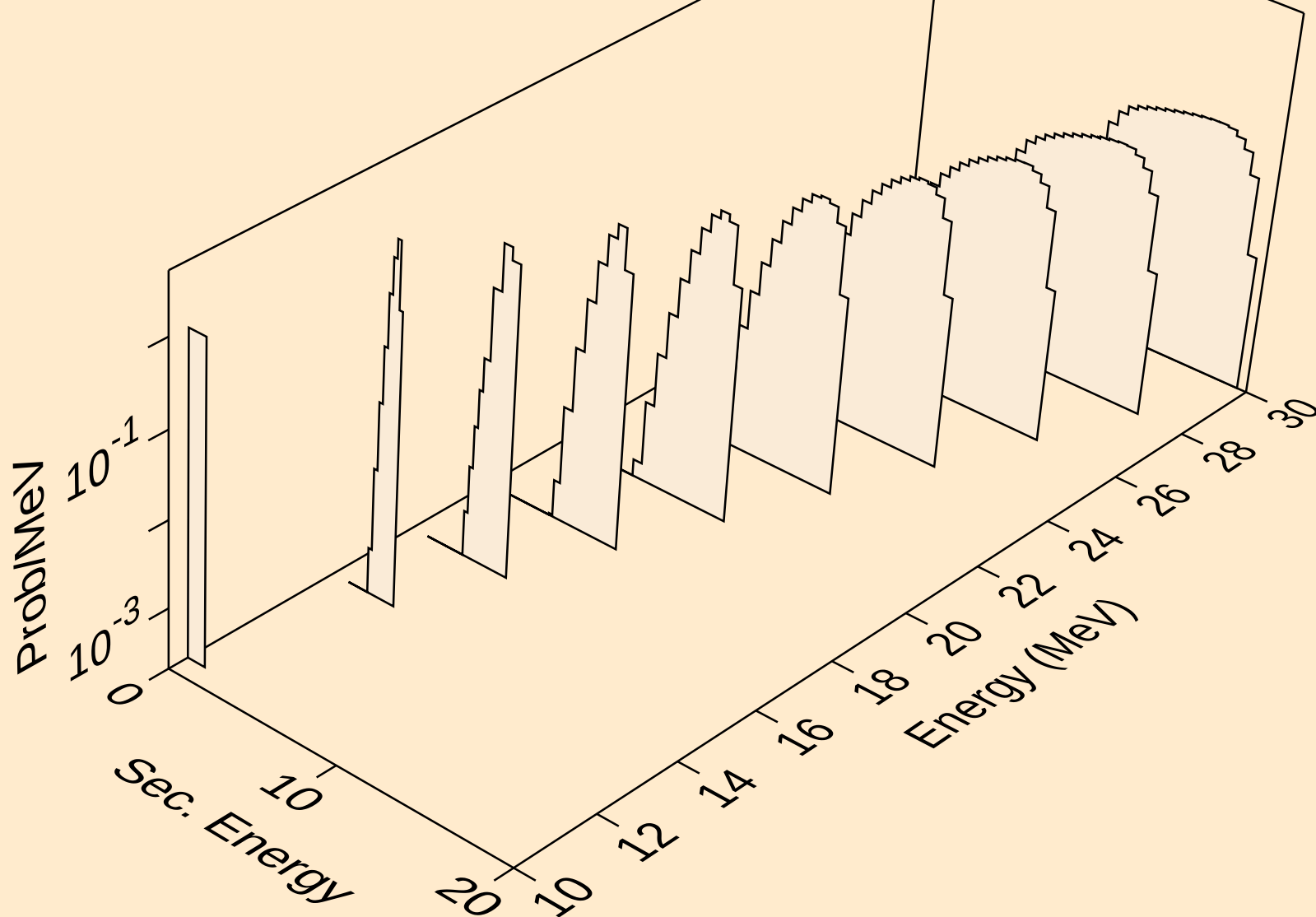
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



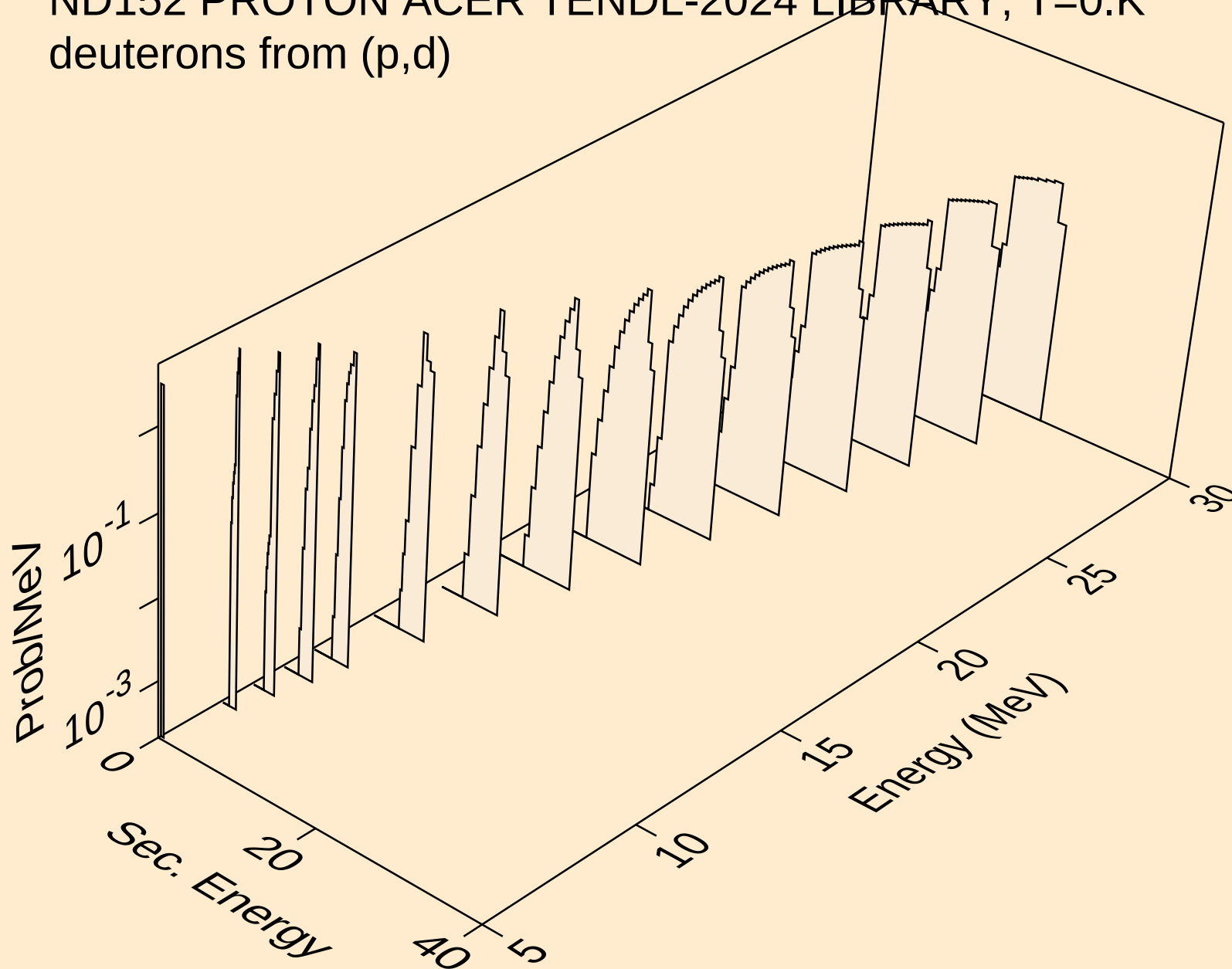
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deuterons from (p,2nd)



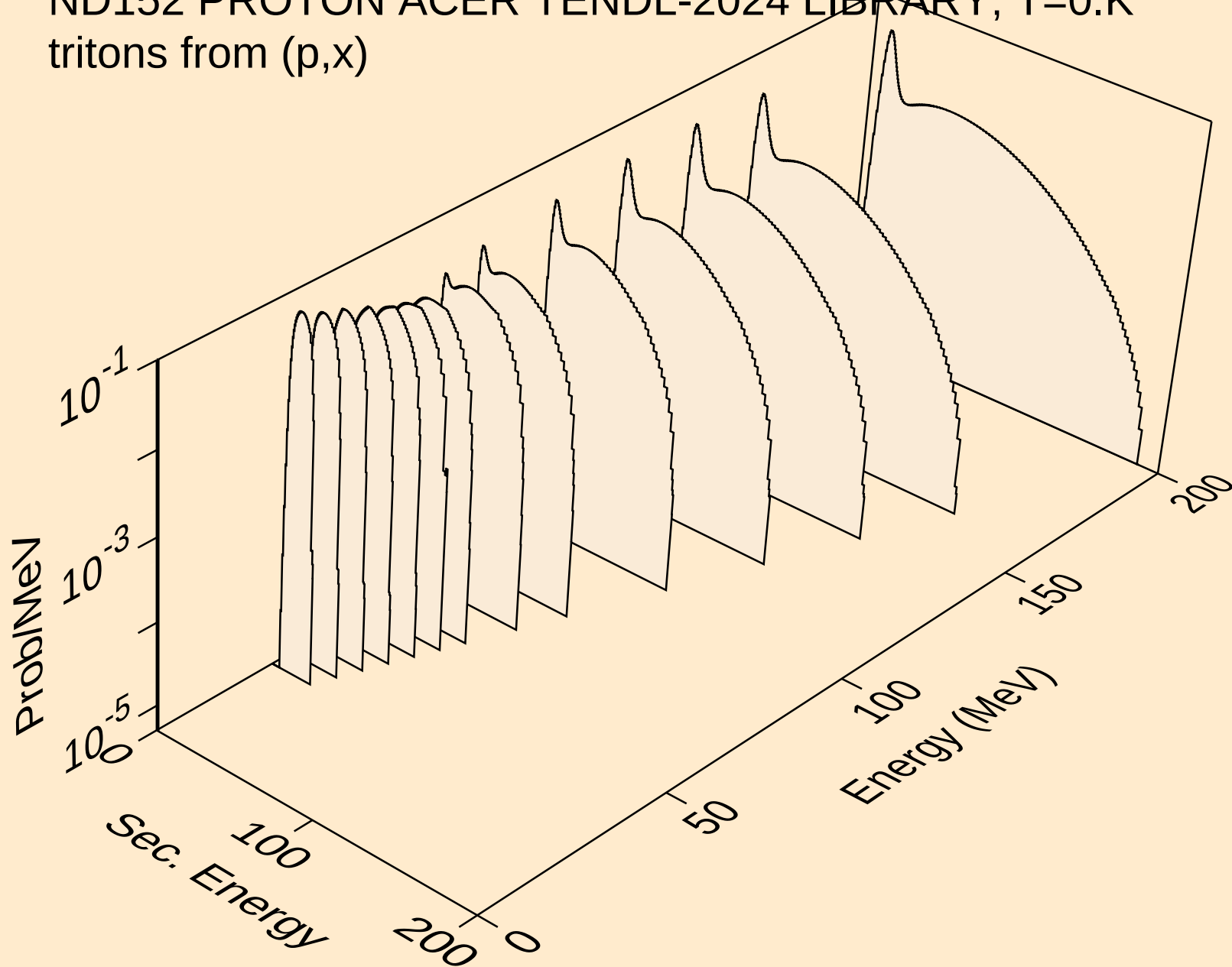
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



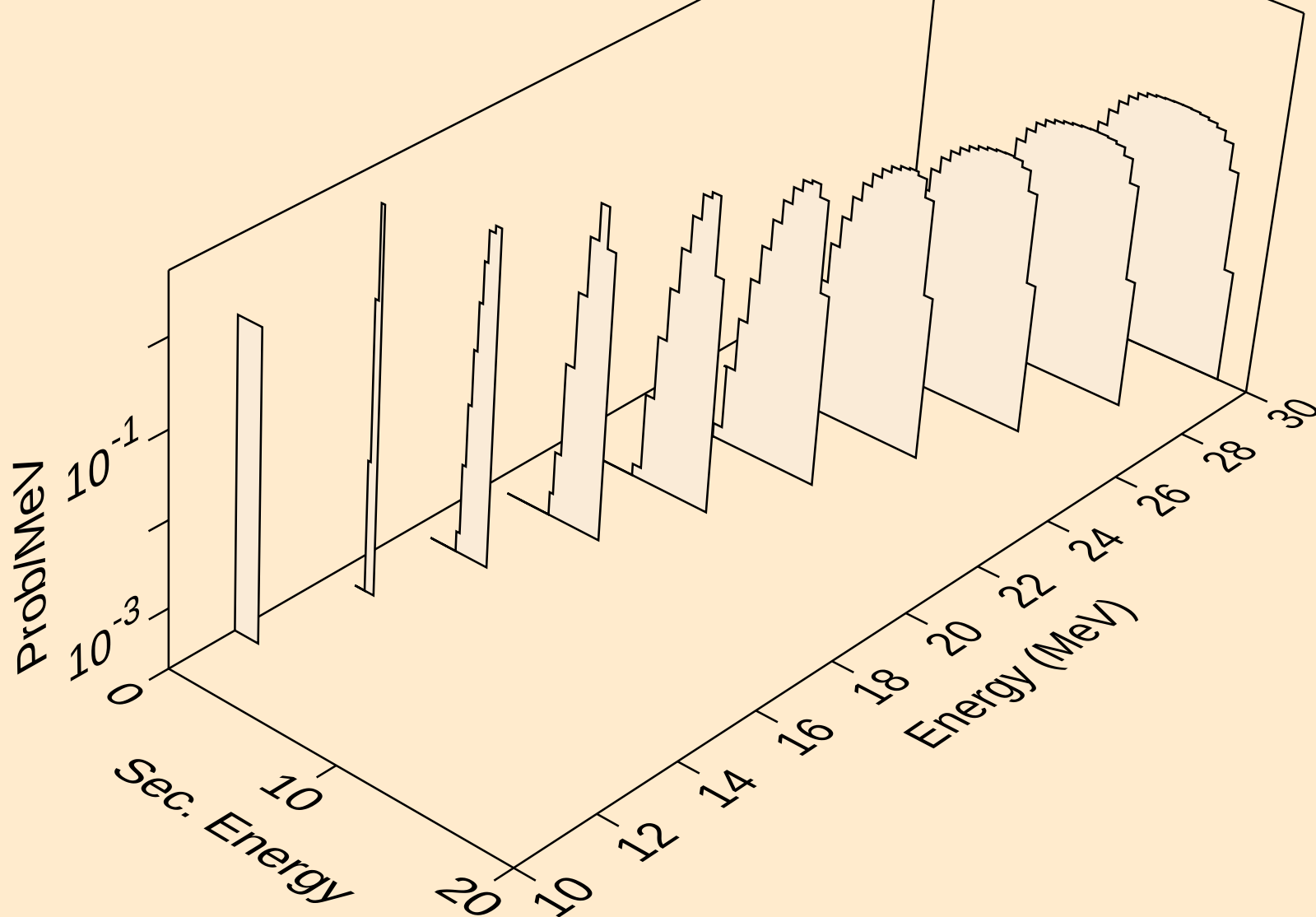
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



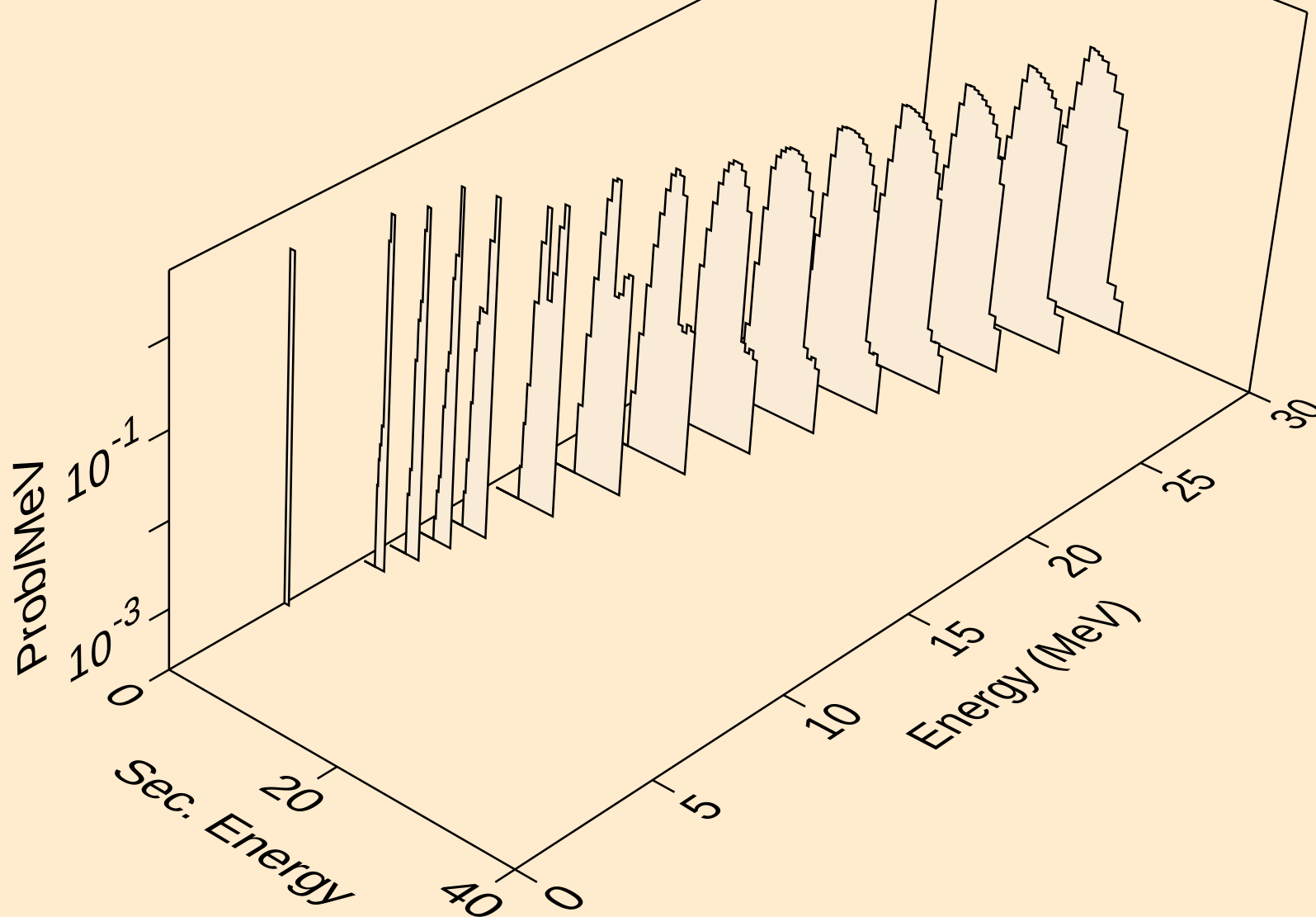
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



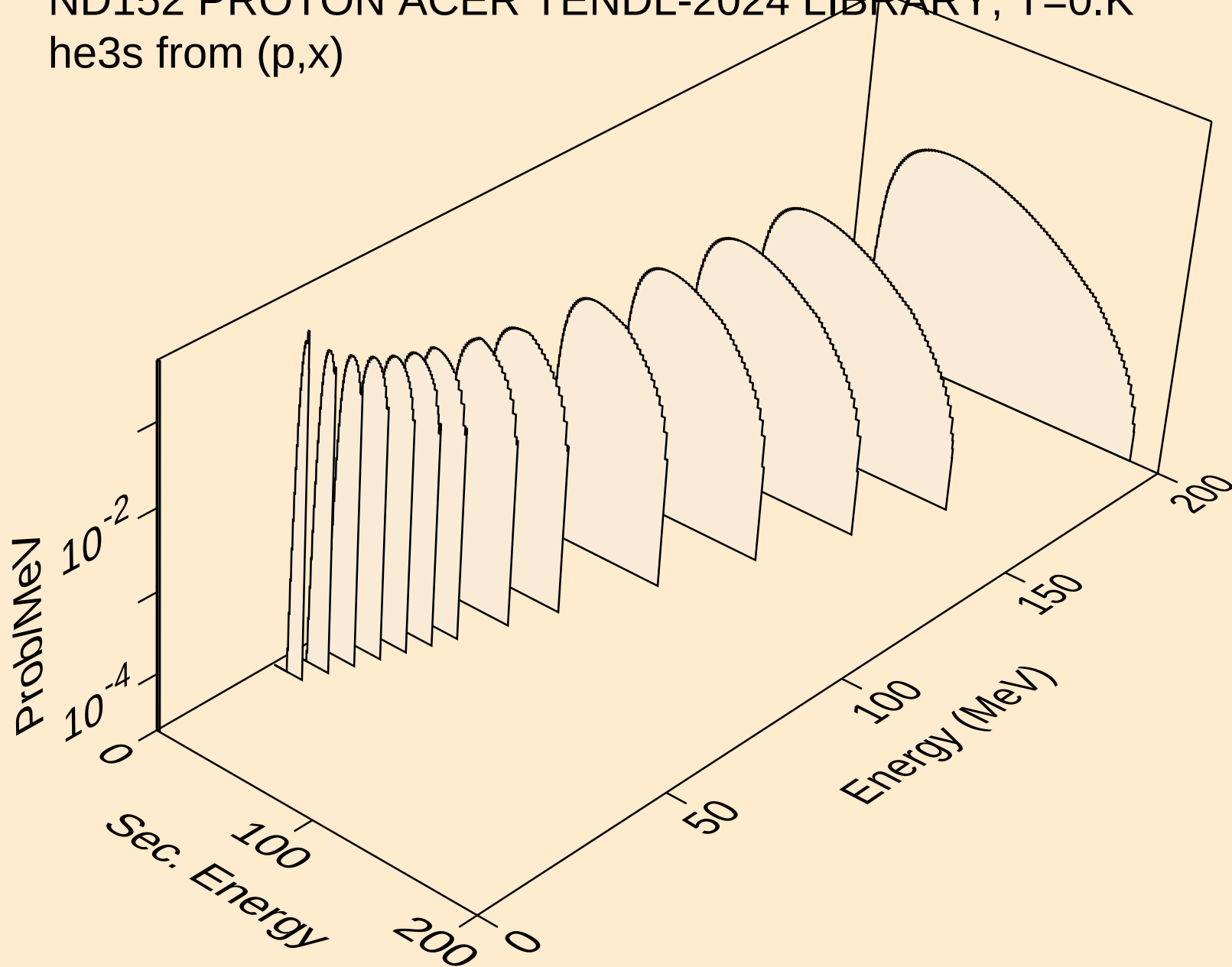
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



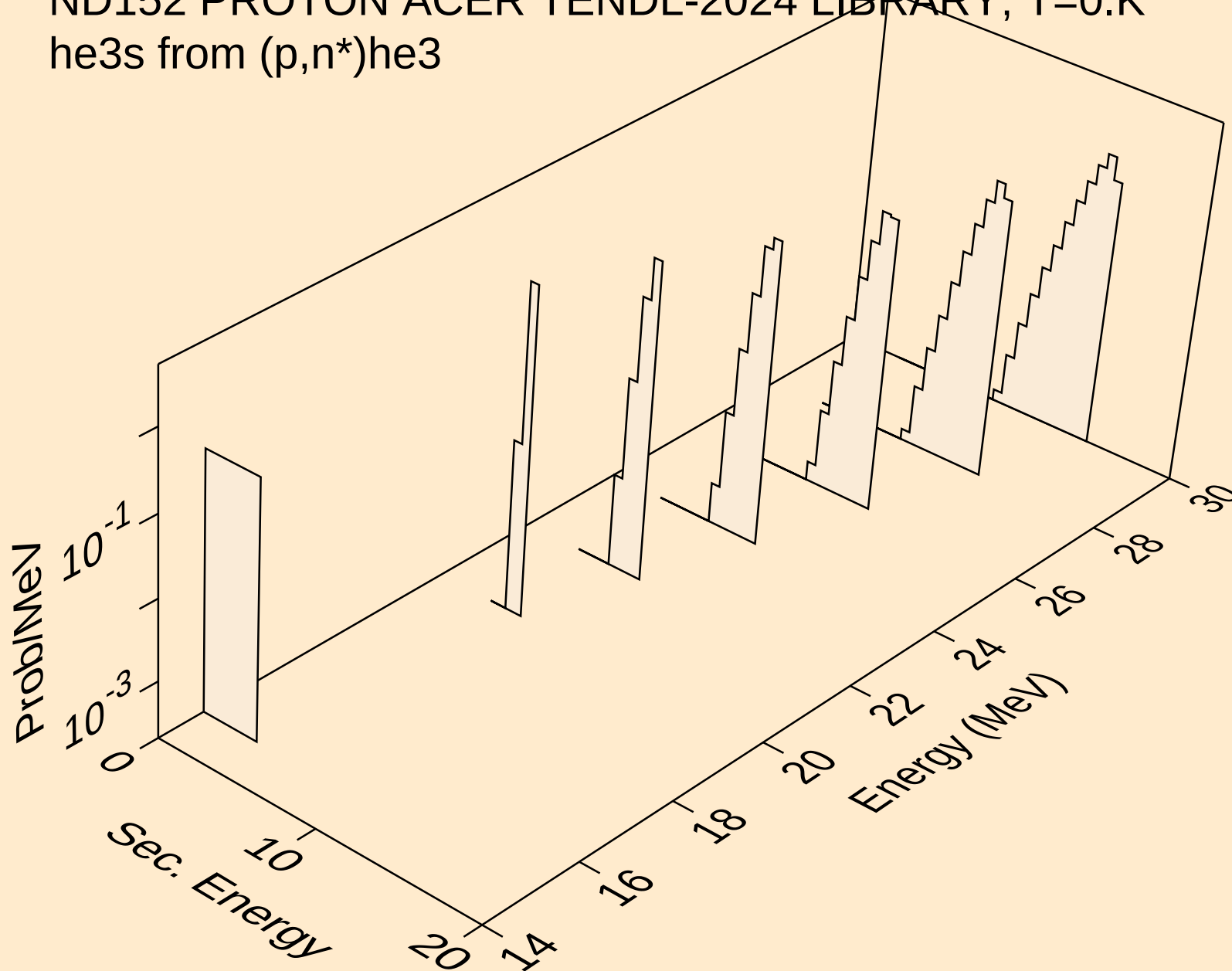
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



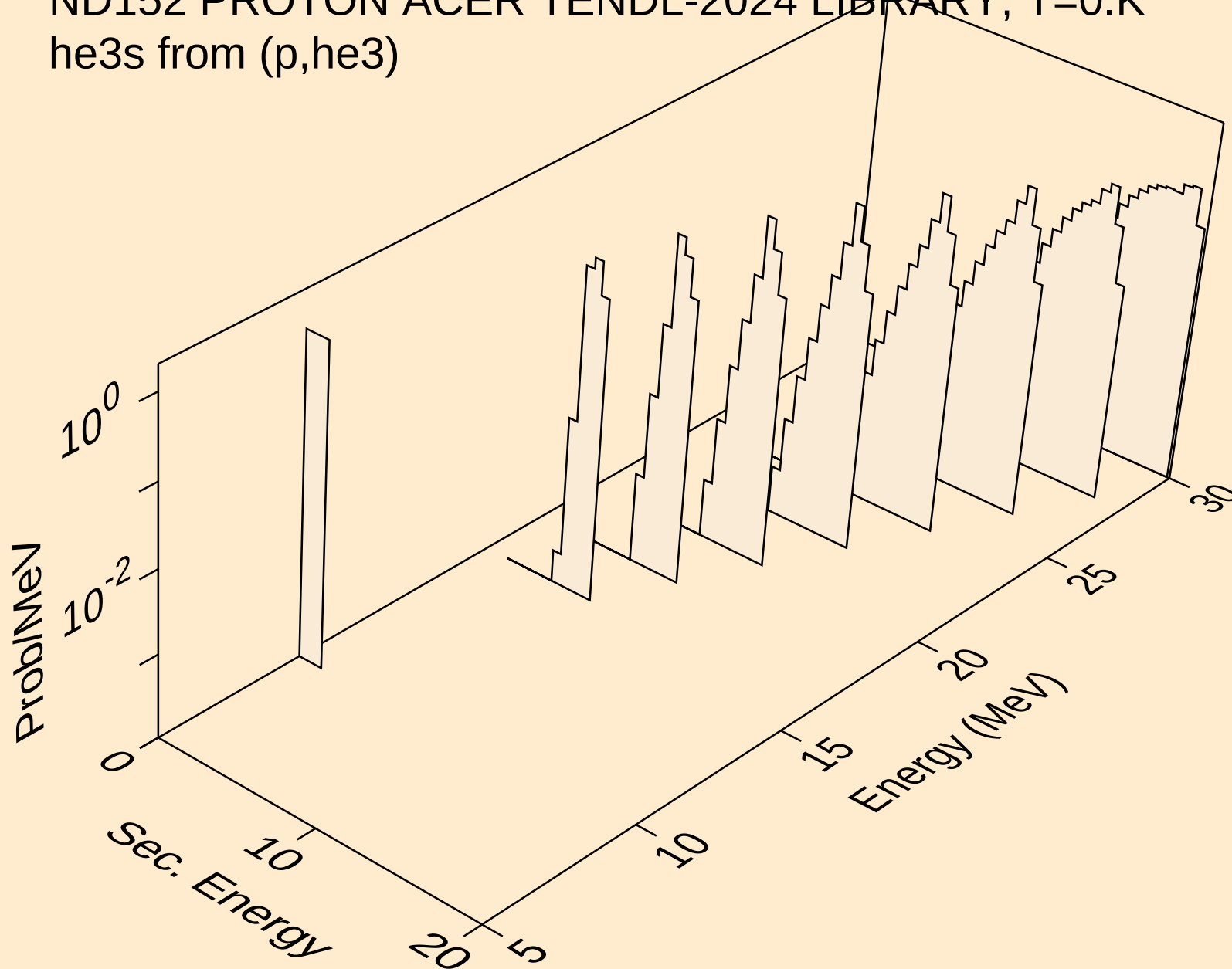
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



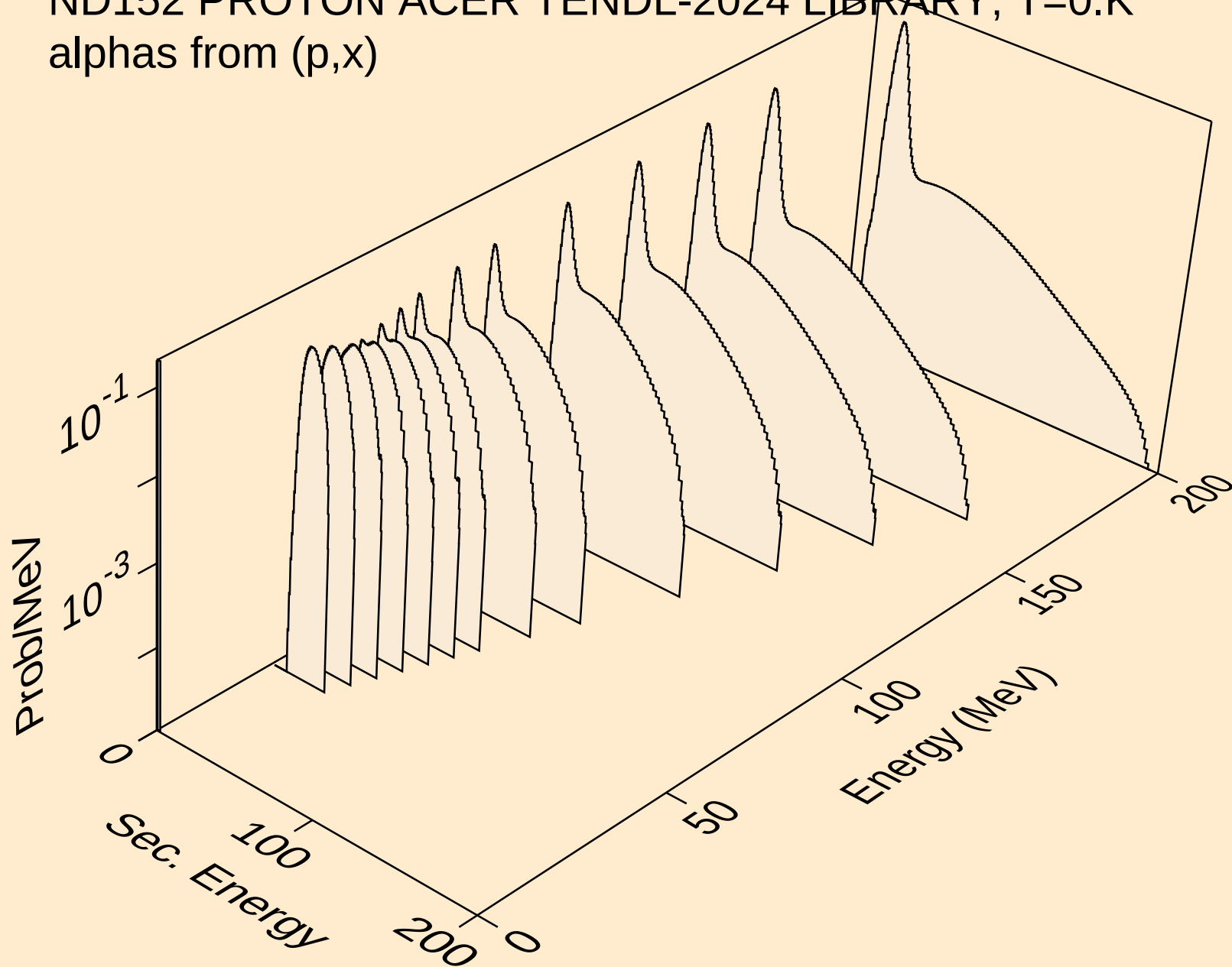
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



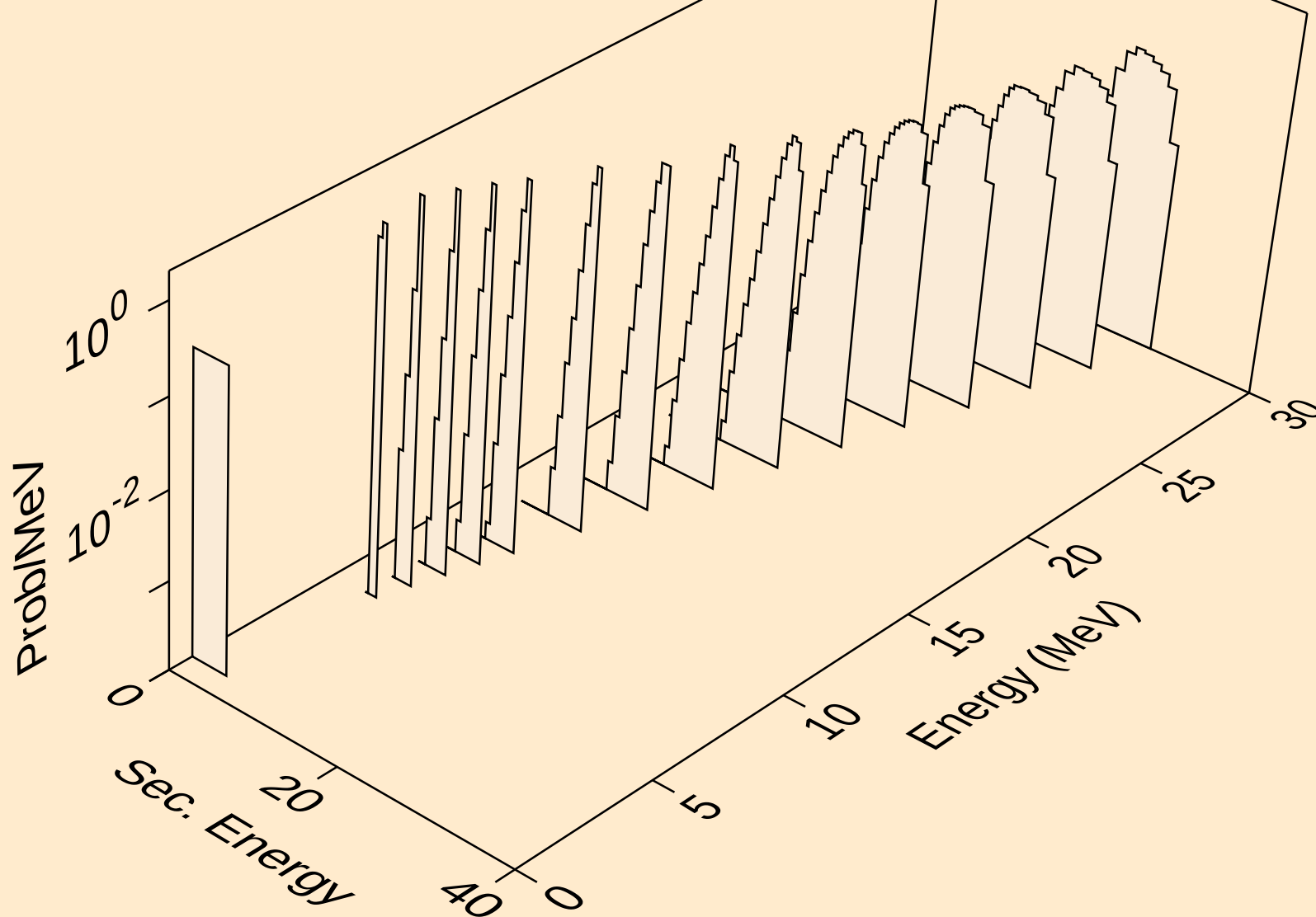
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



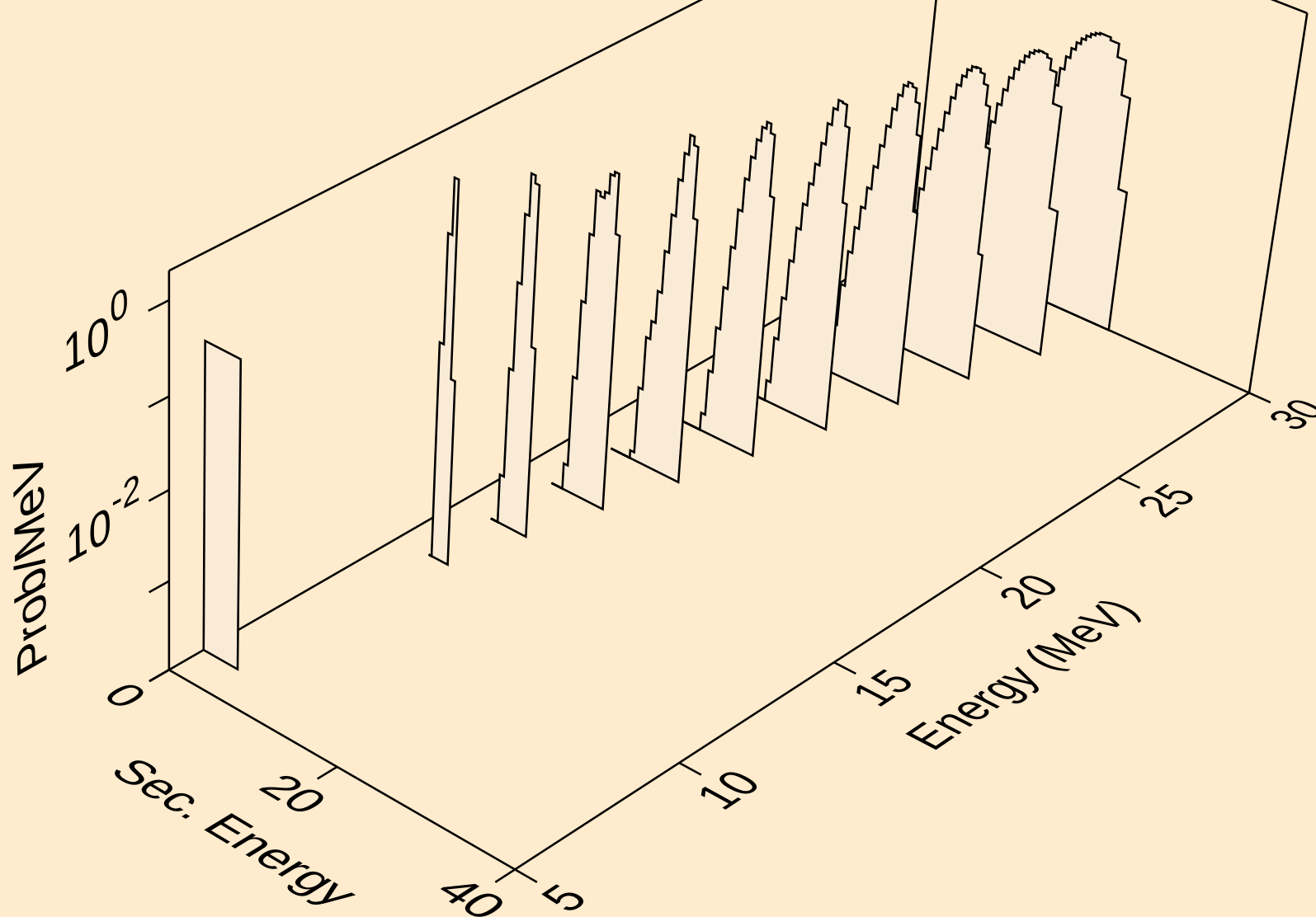
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



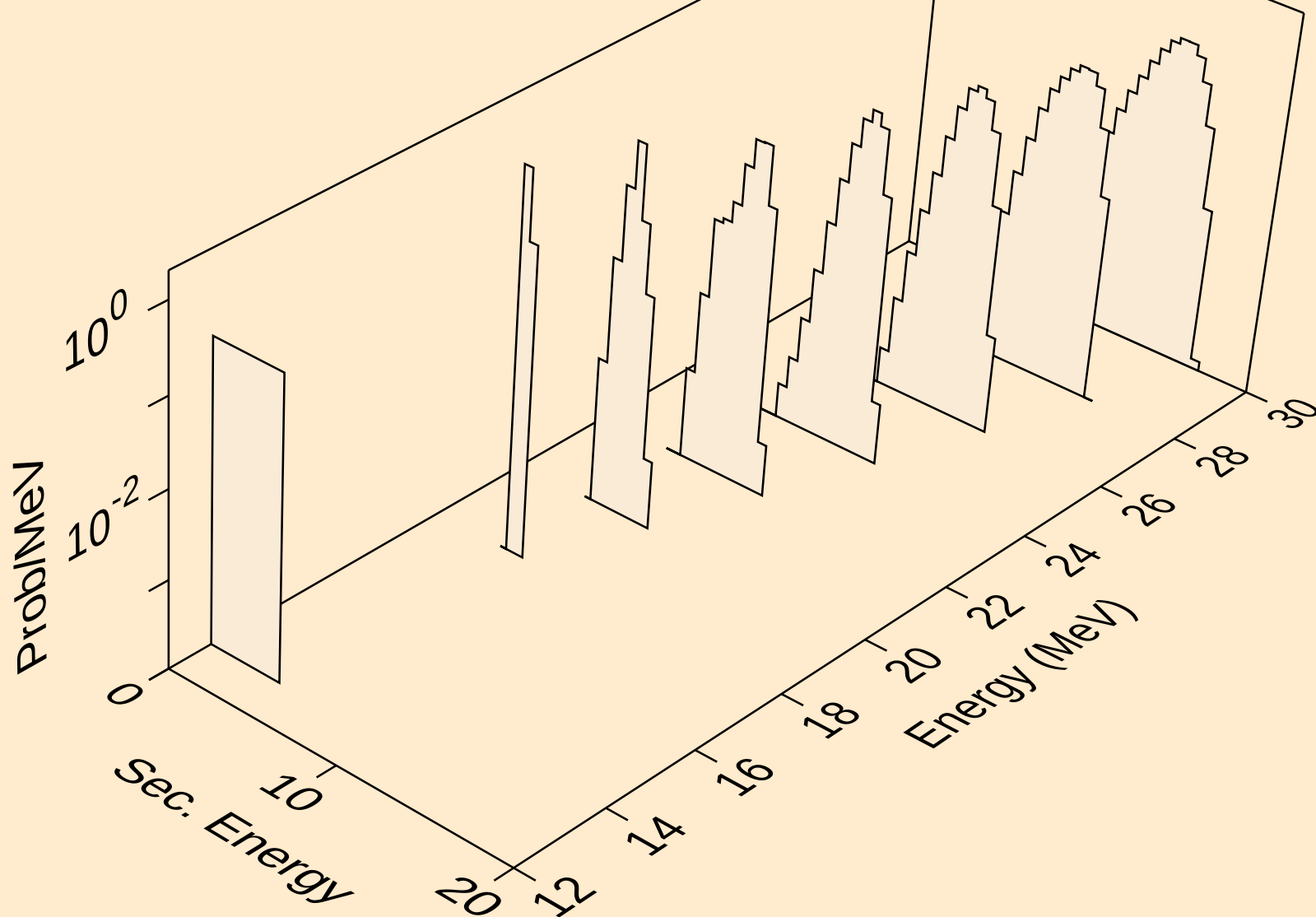
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



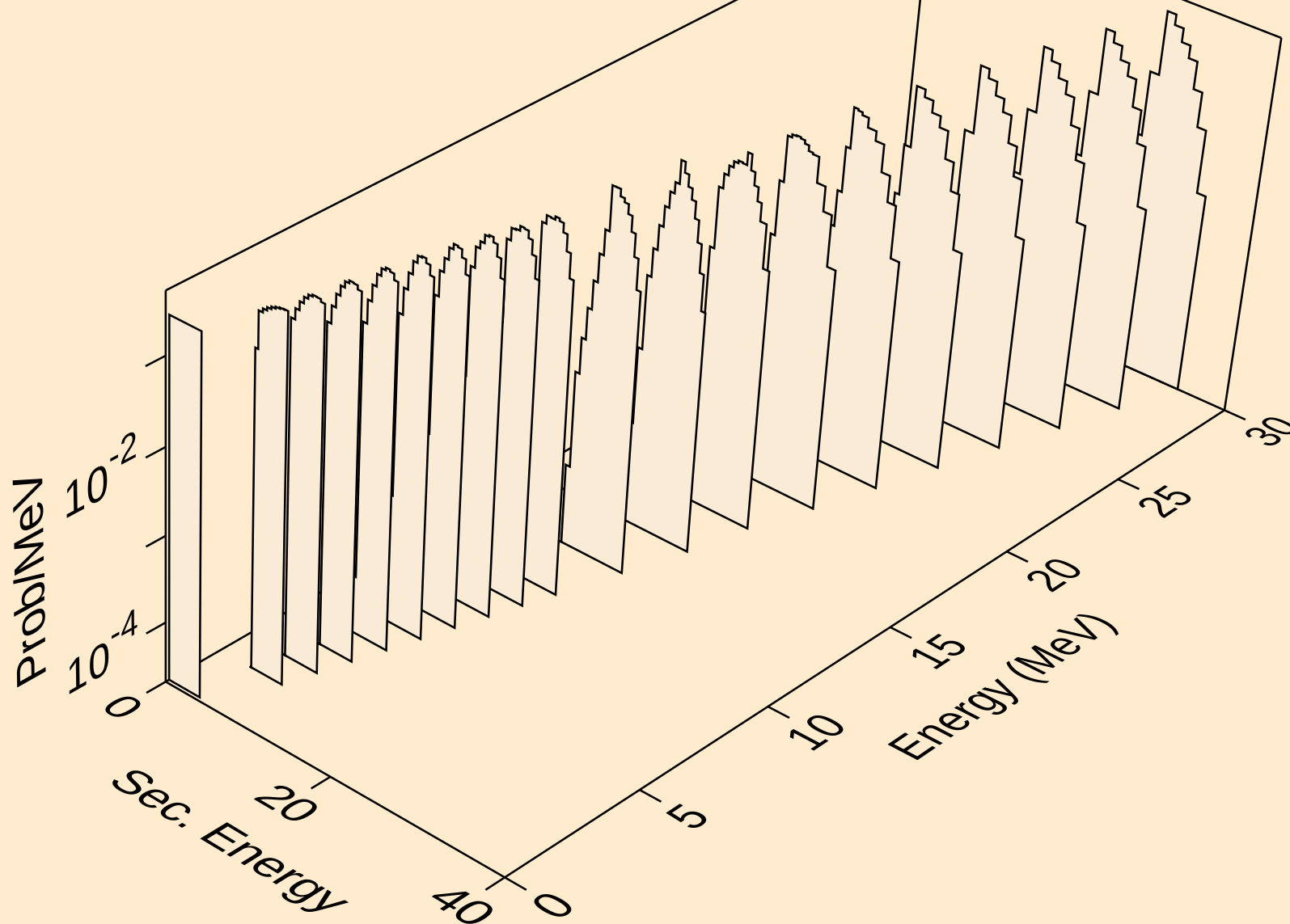
ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



ND152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)

