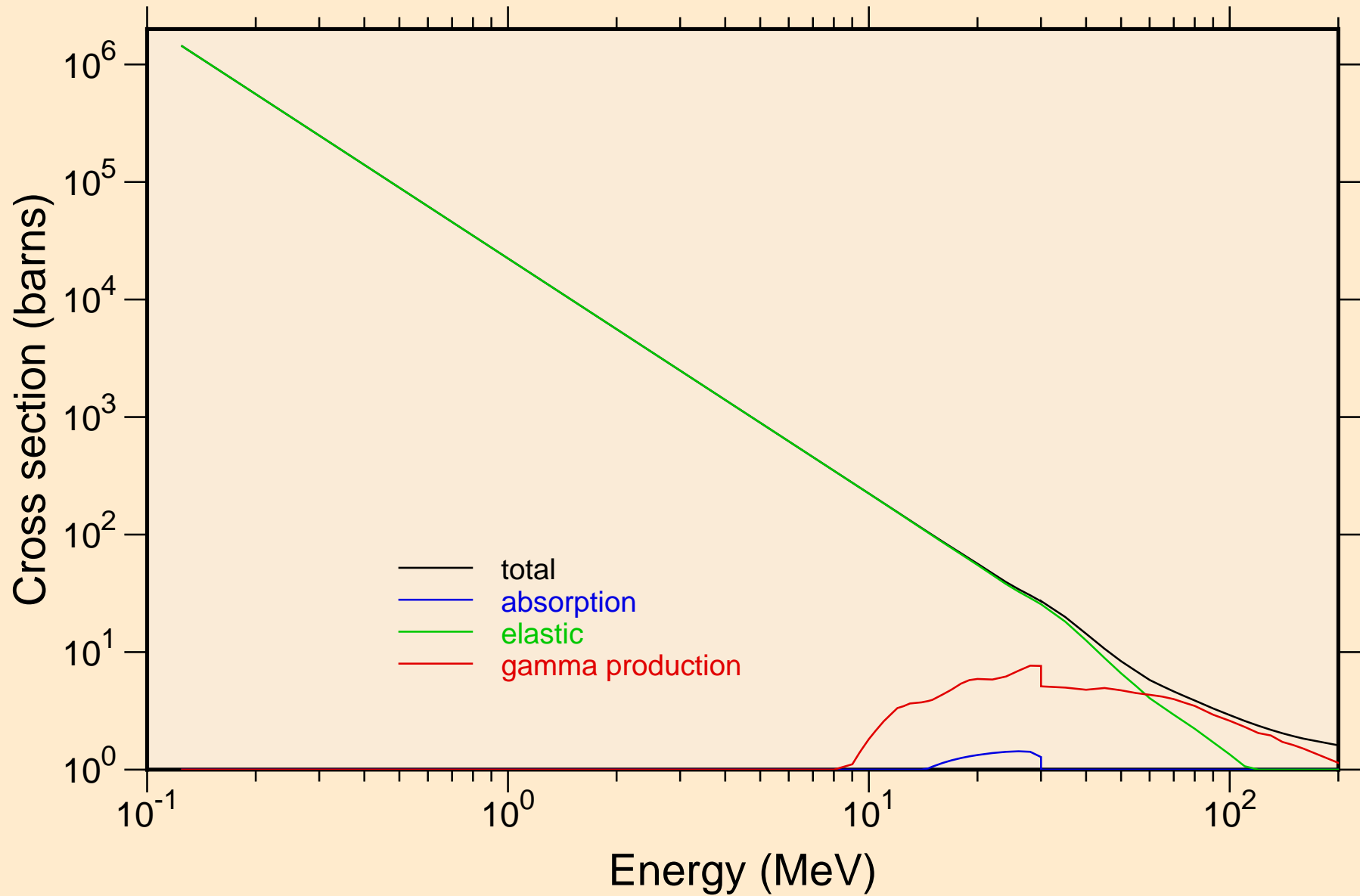


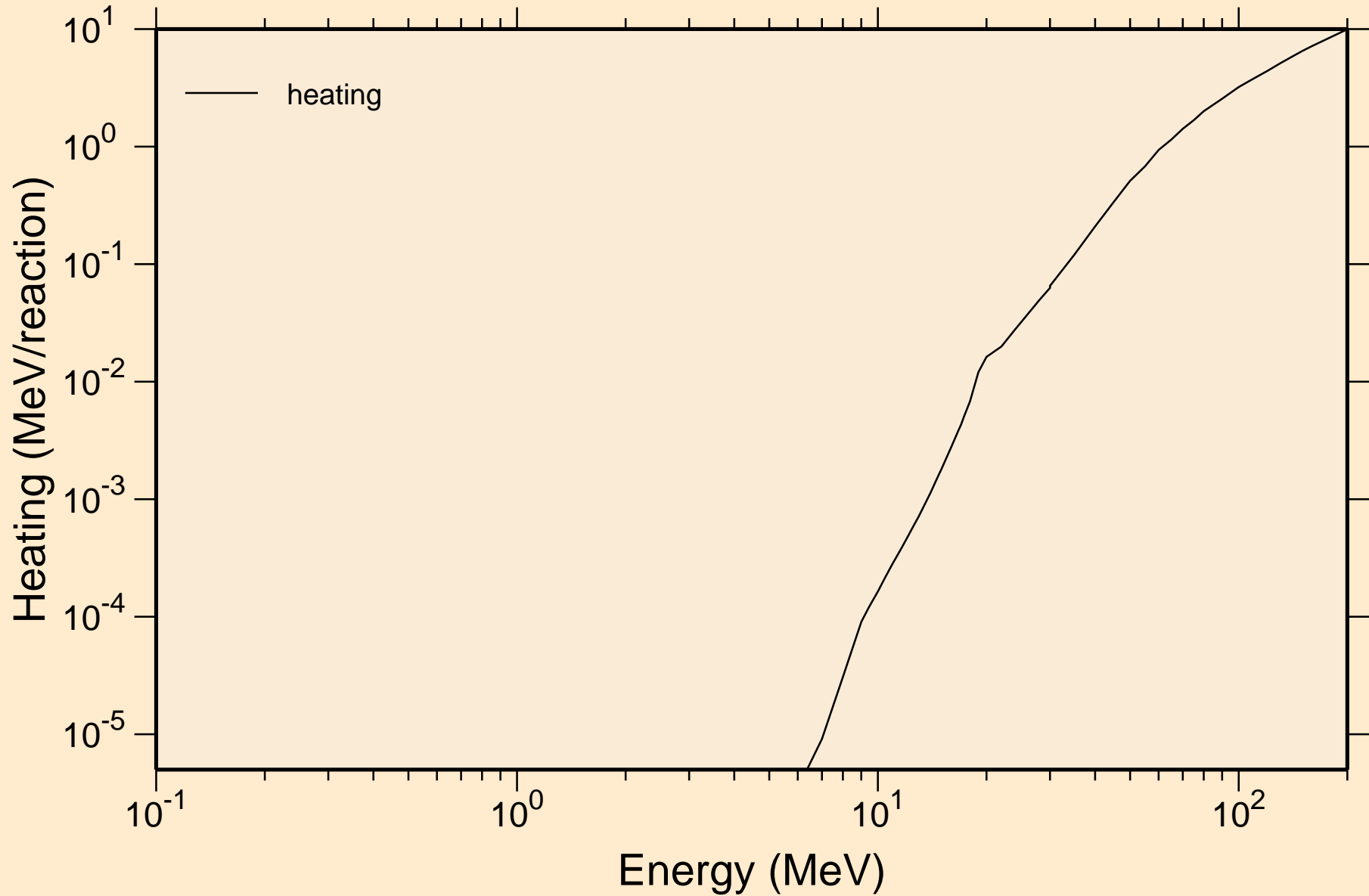
# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



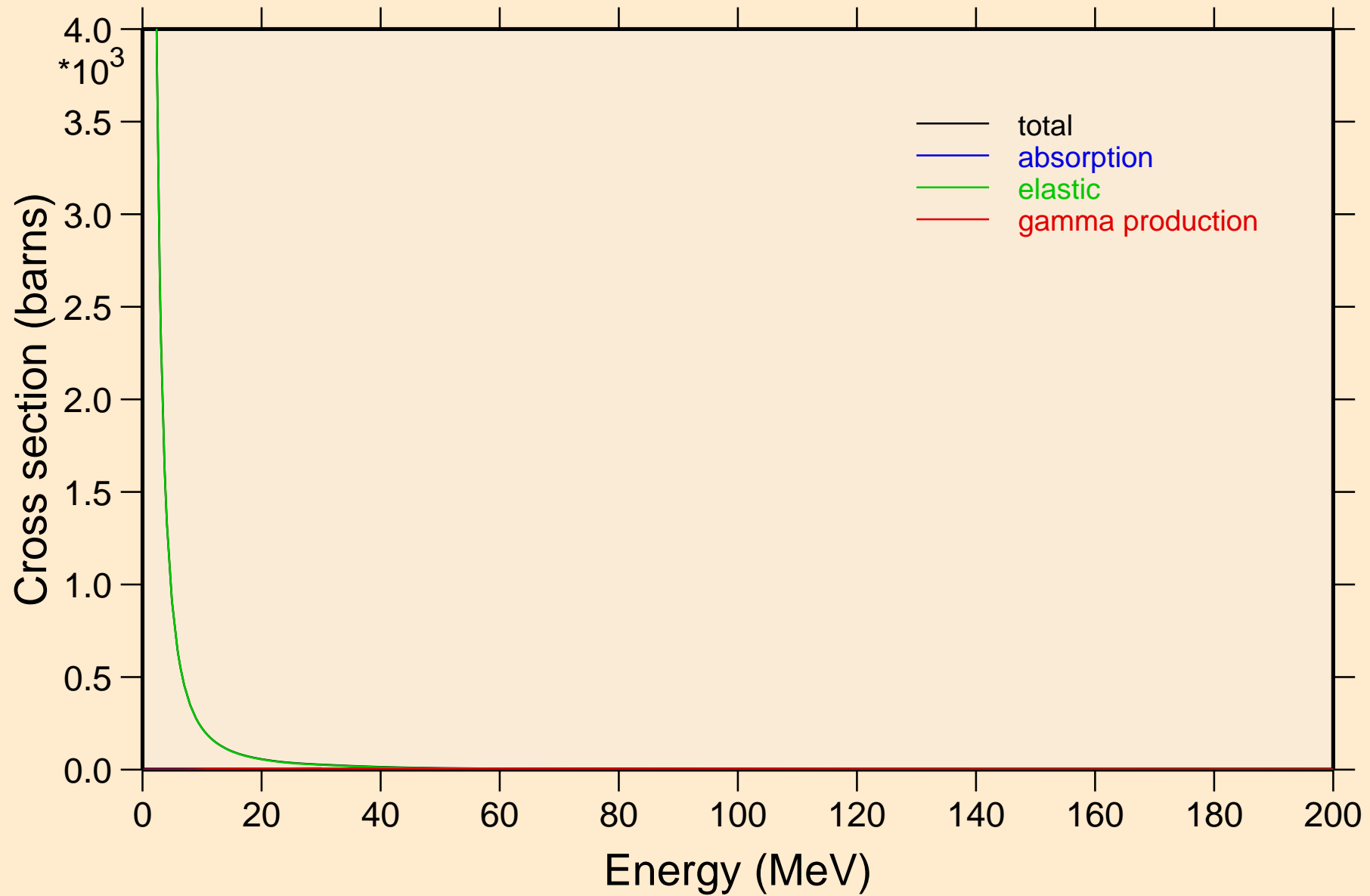
# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



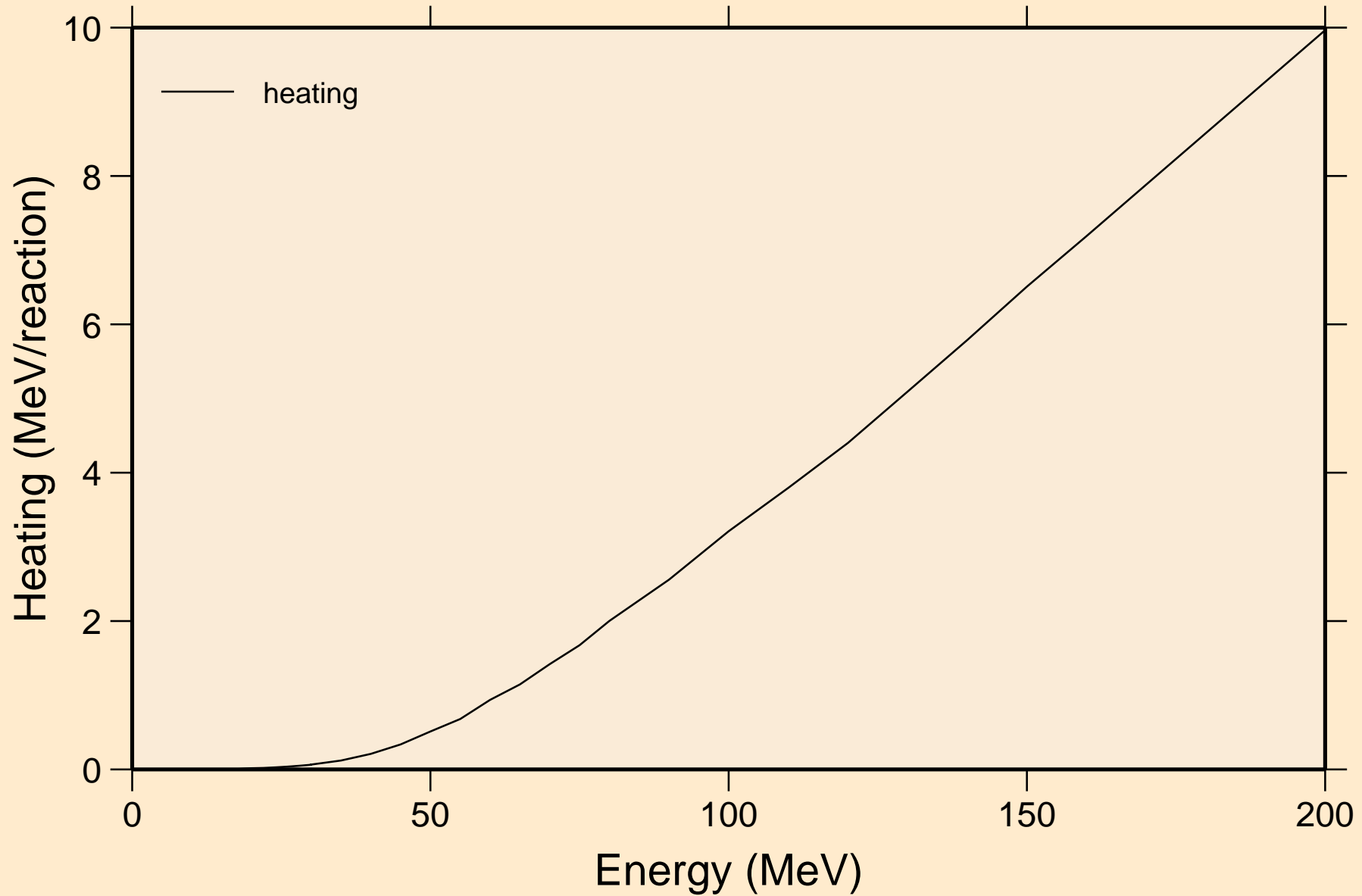
# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



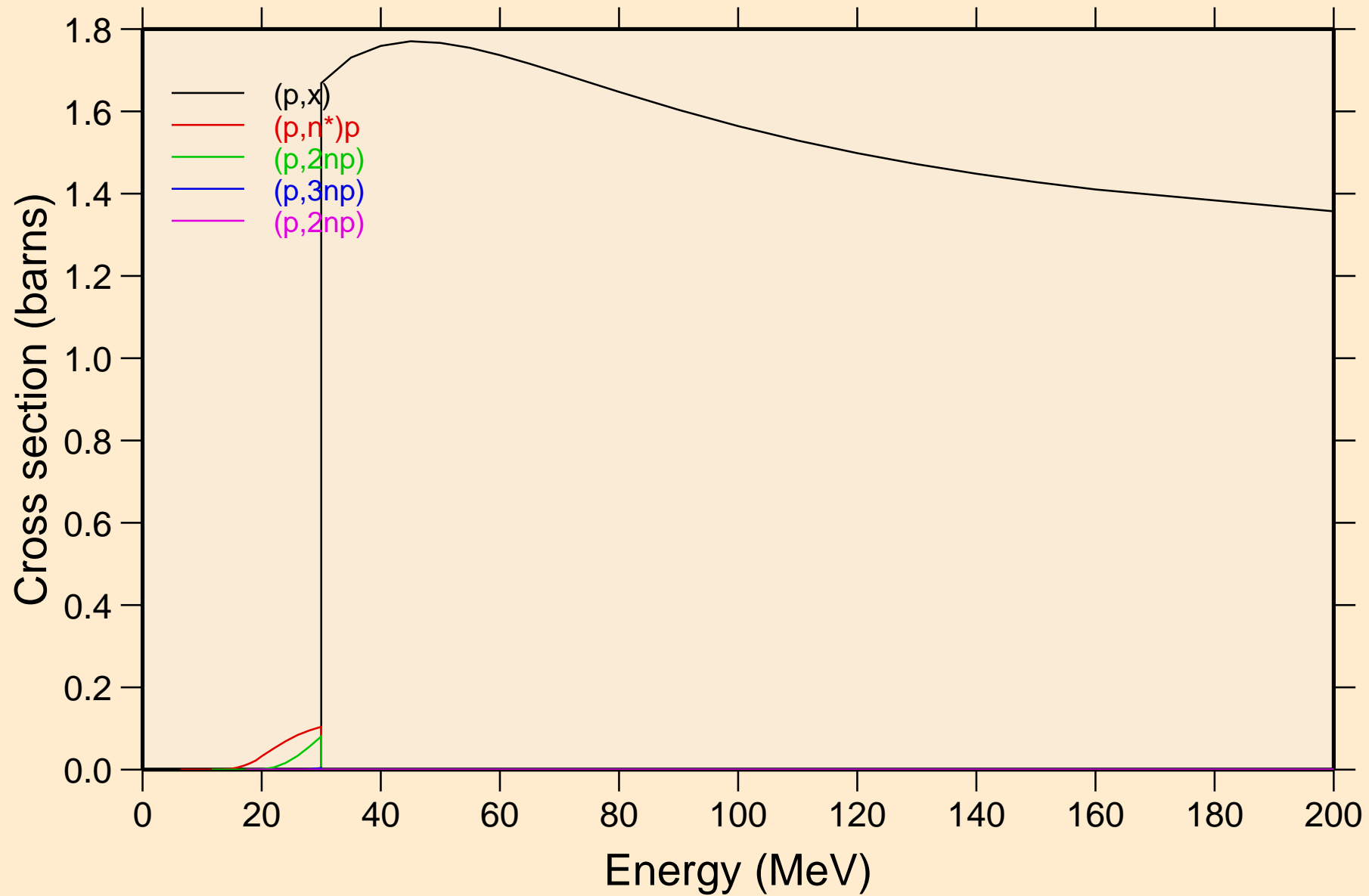
# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



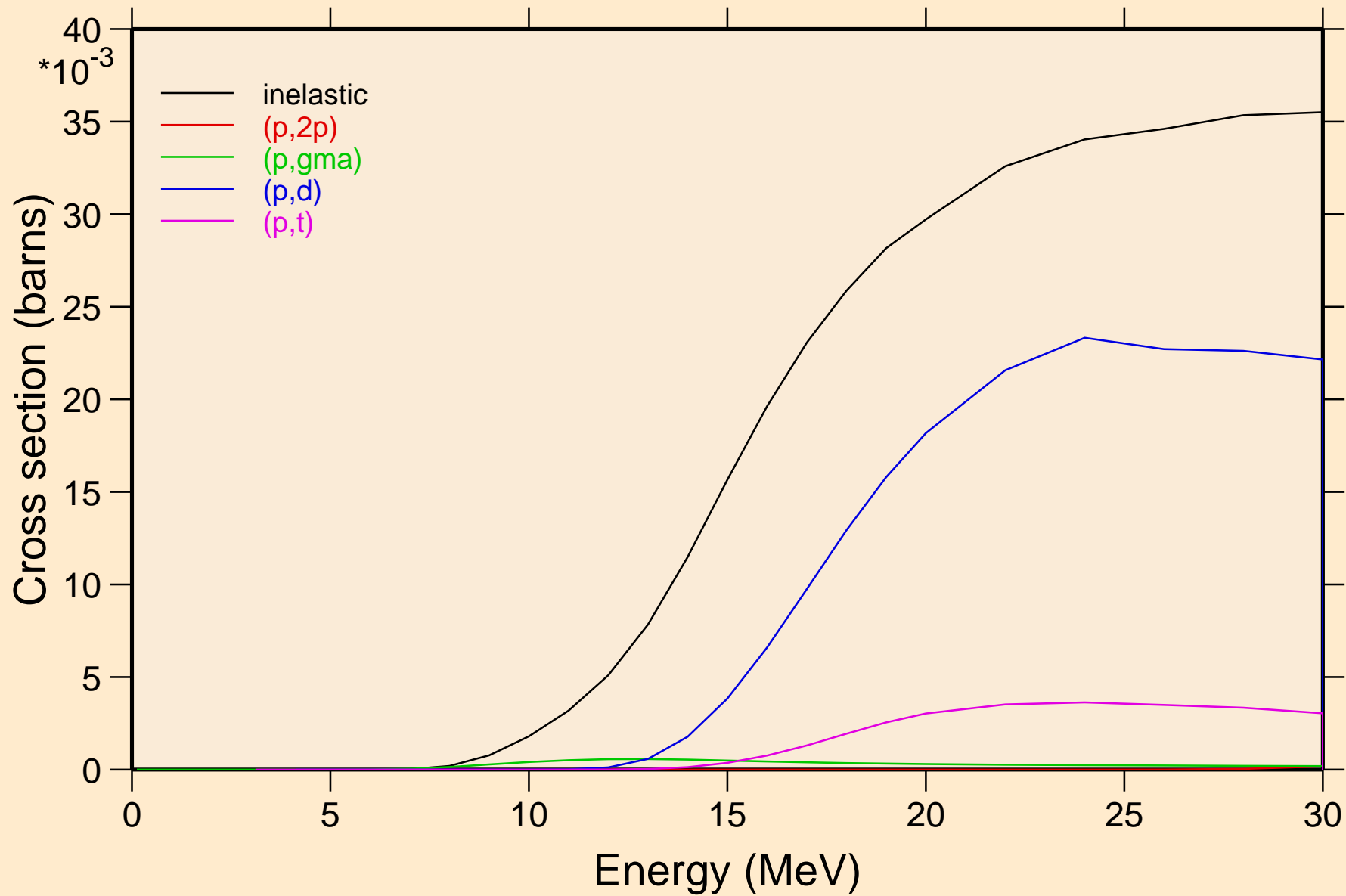
# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



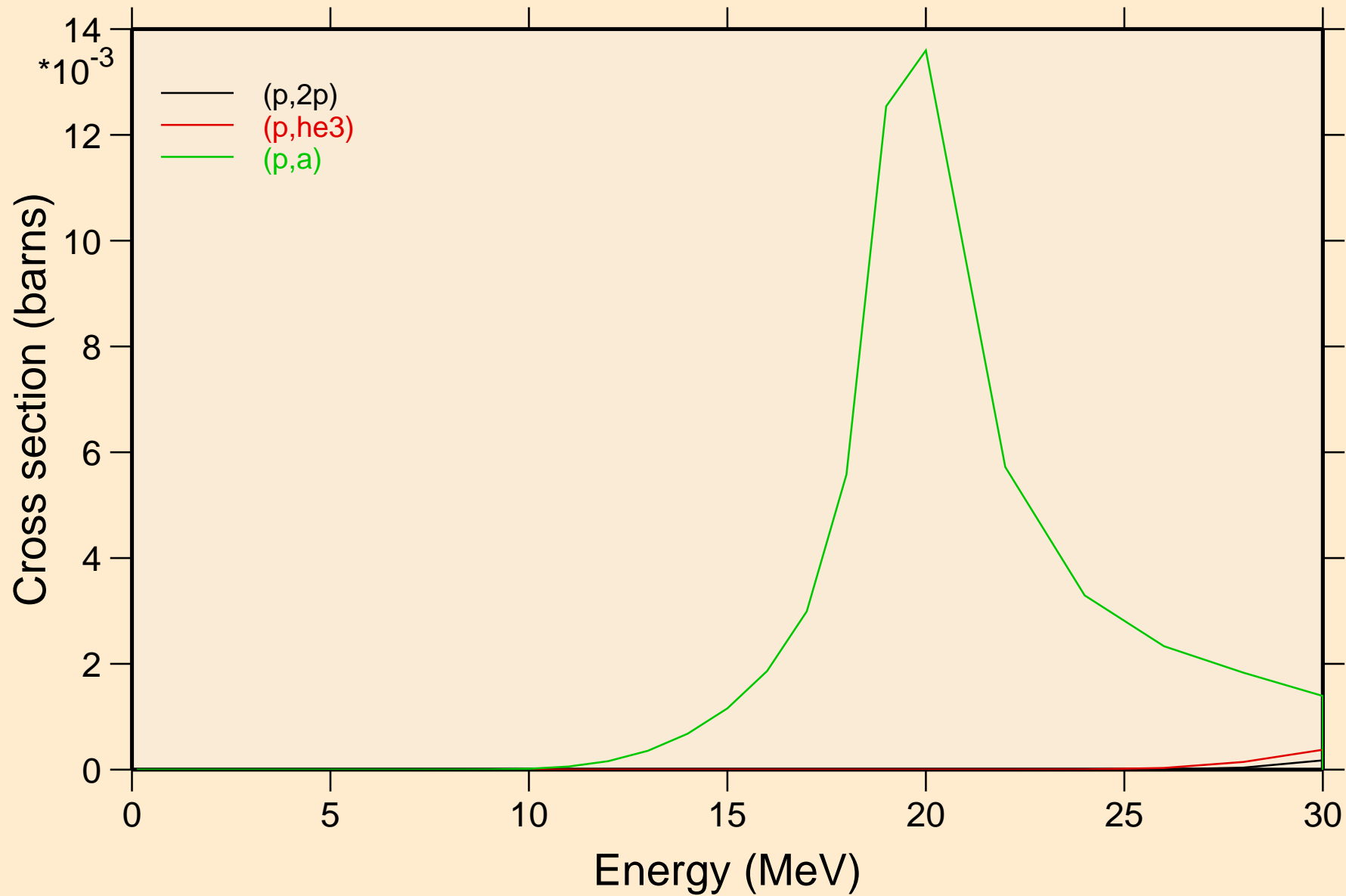
# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

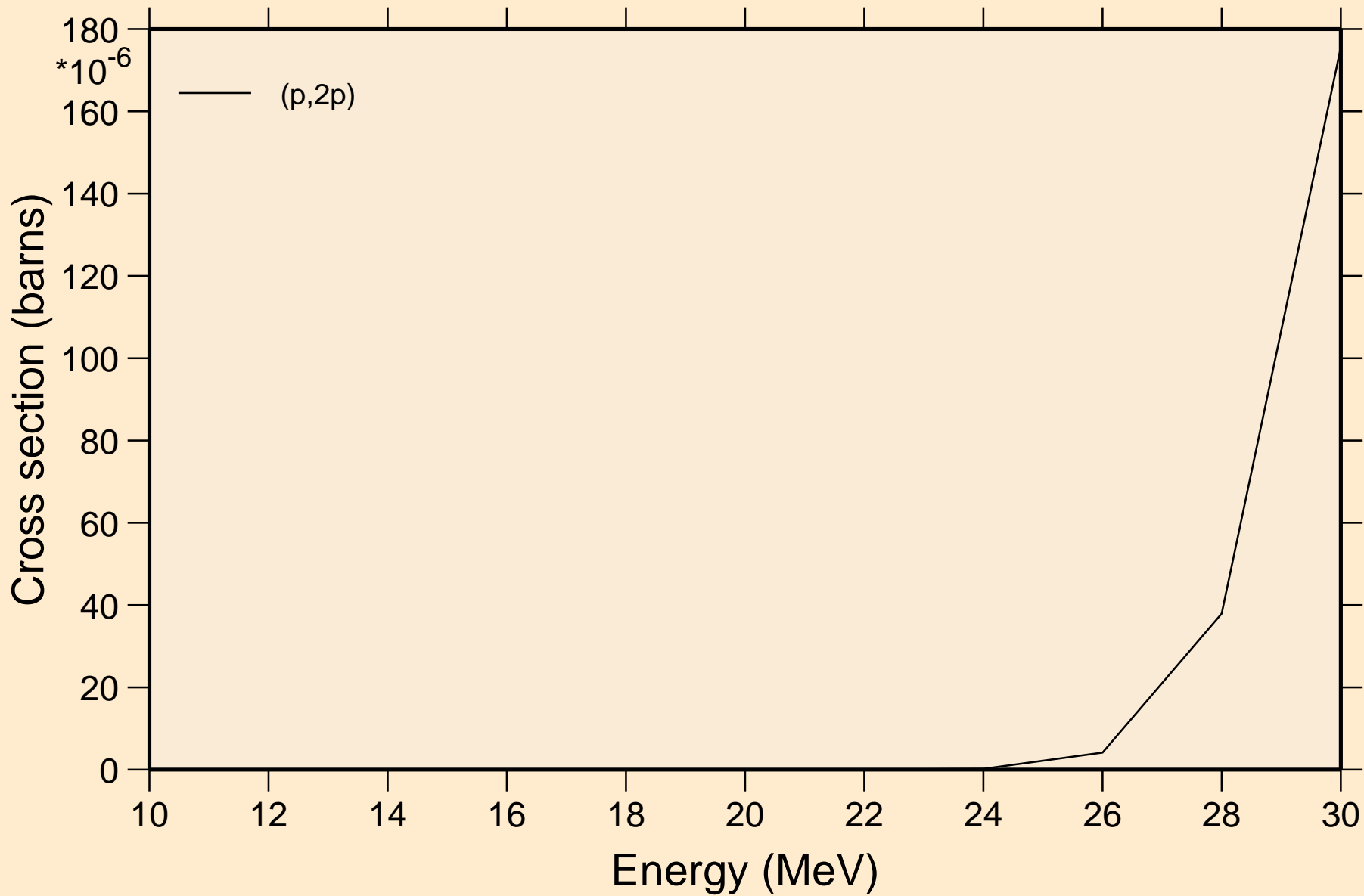


# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

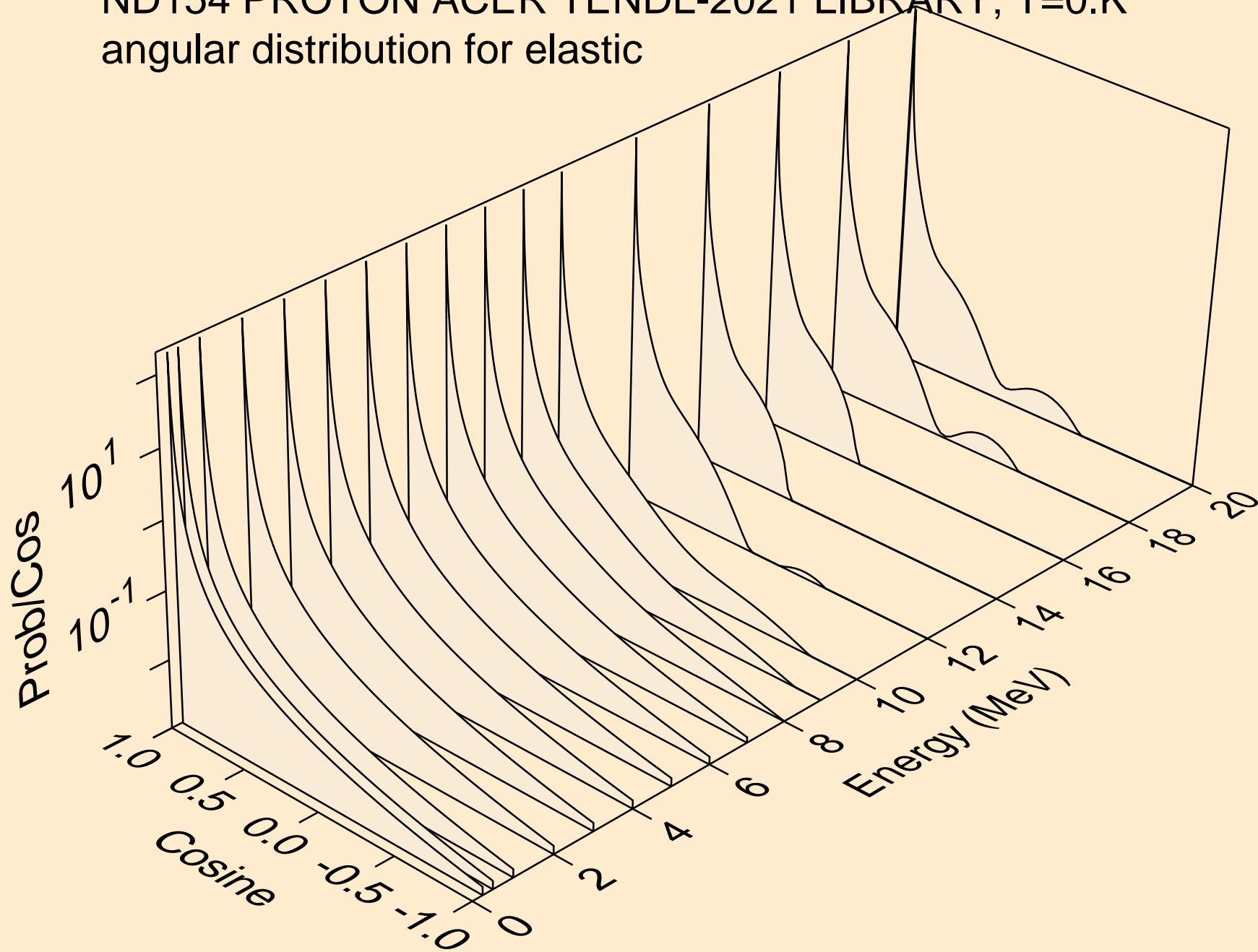


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

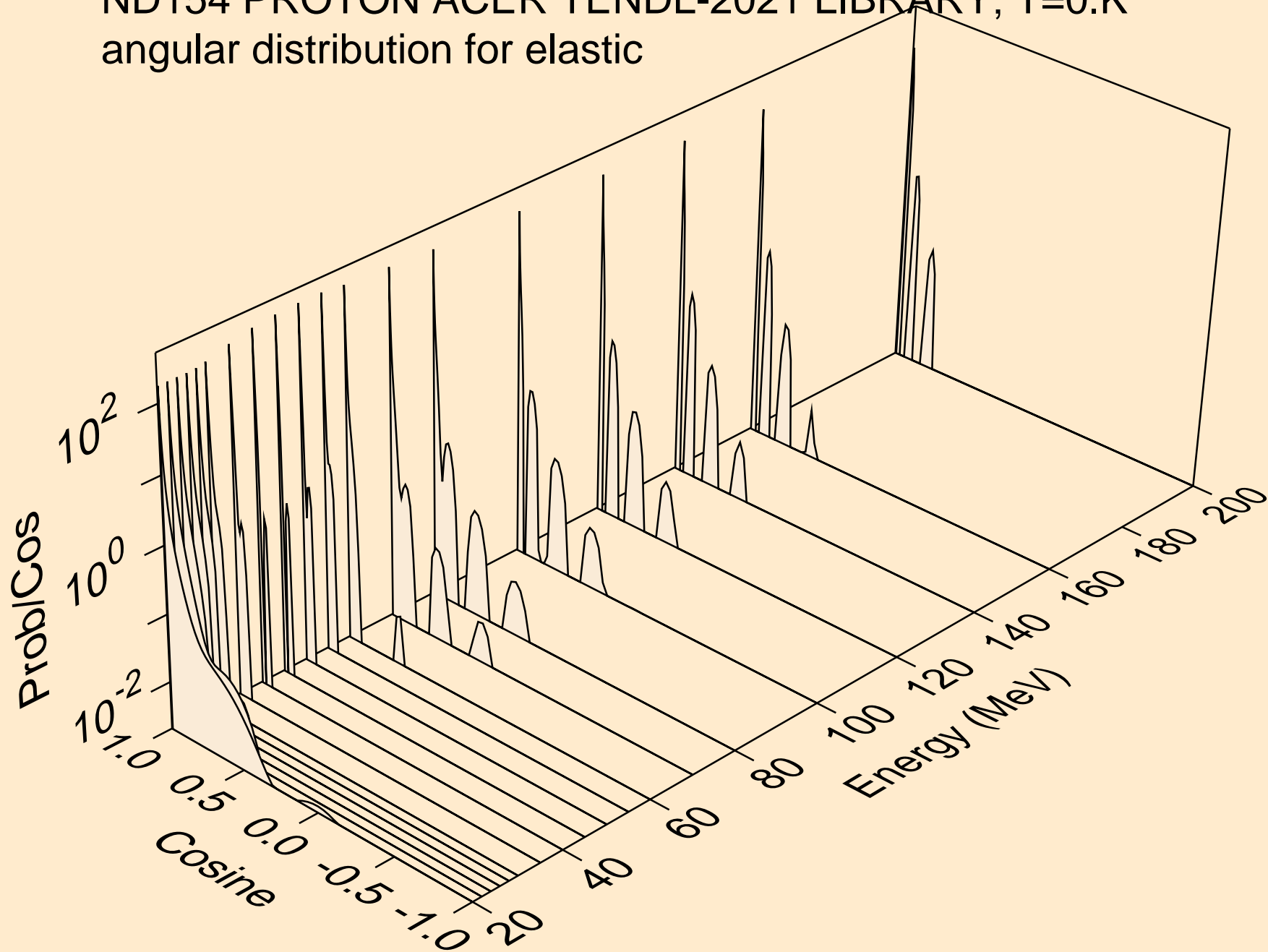




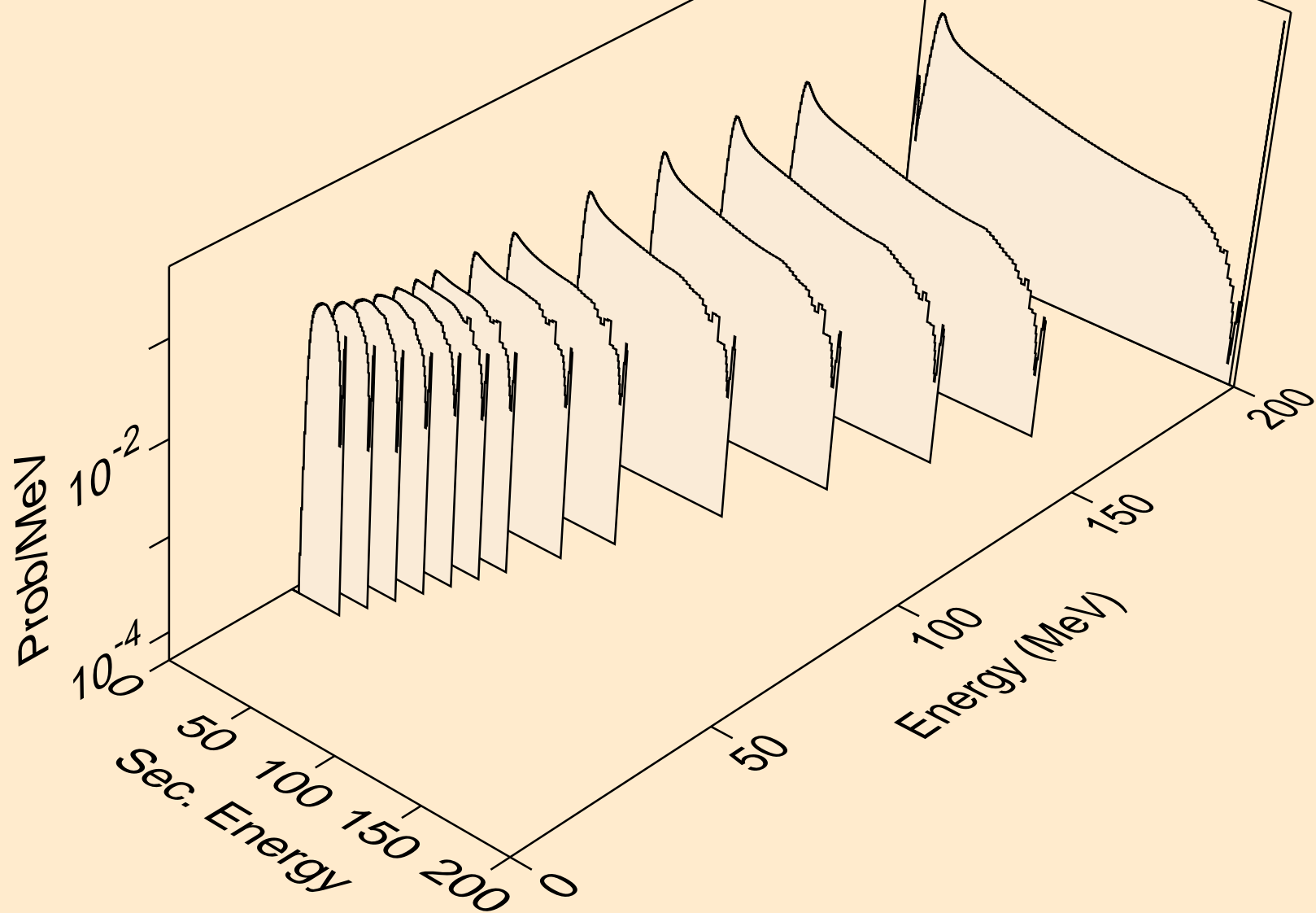
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



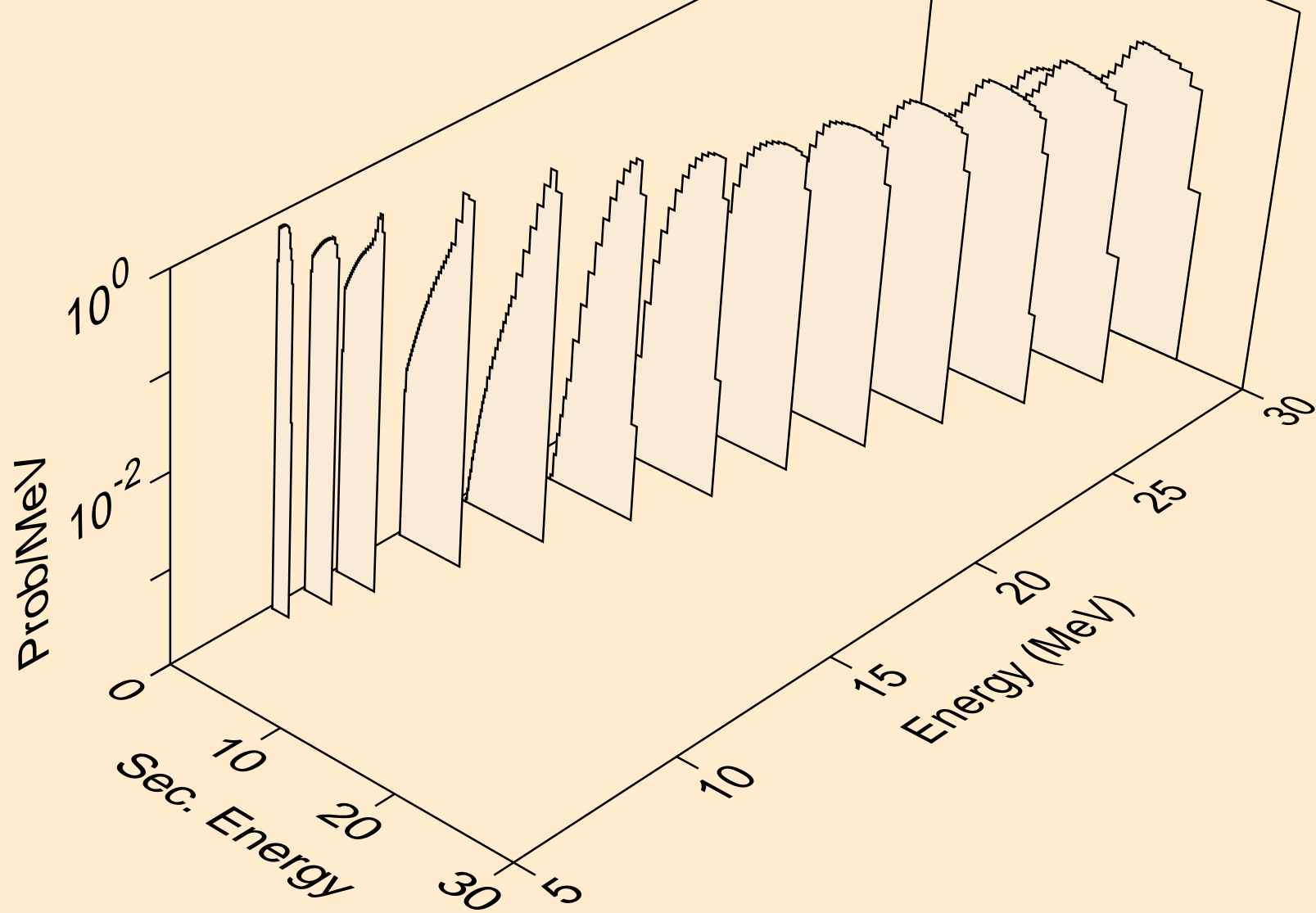
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



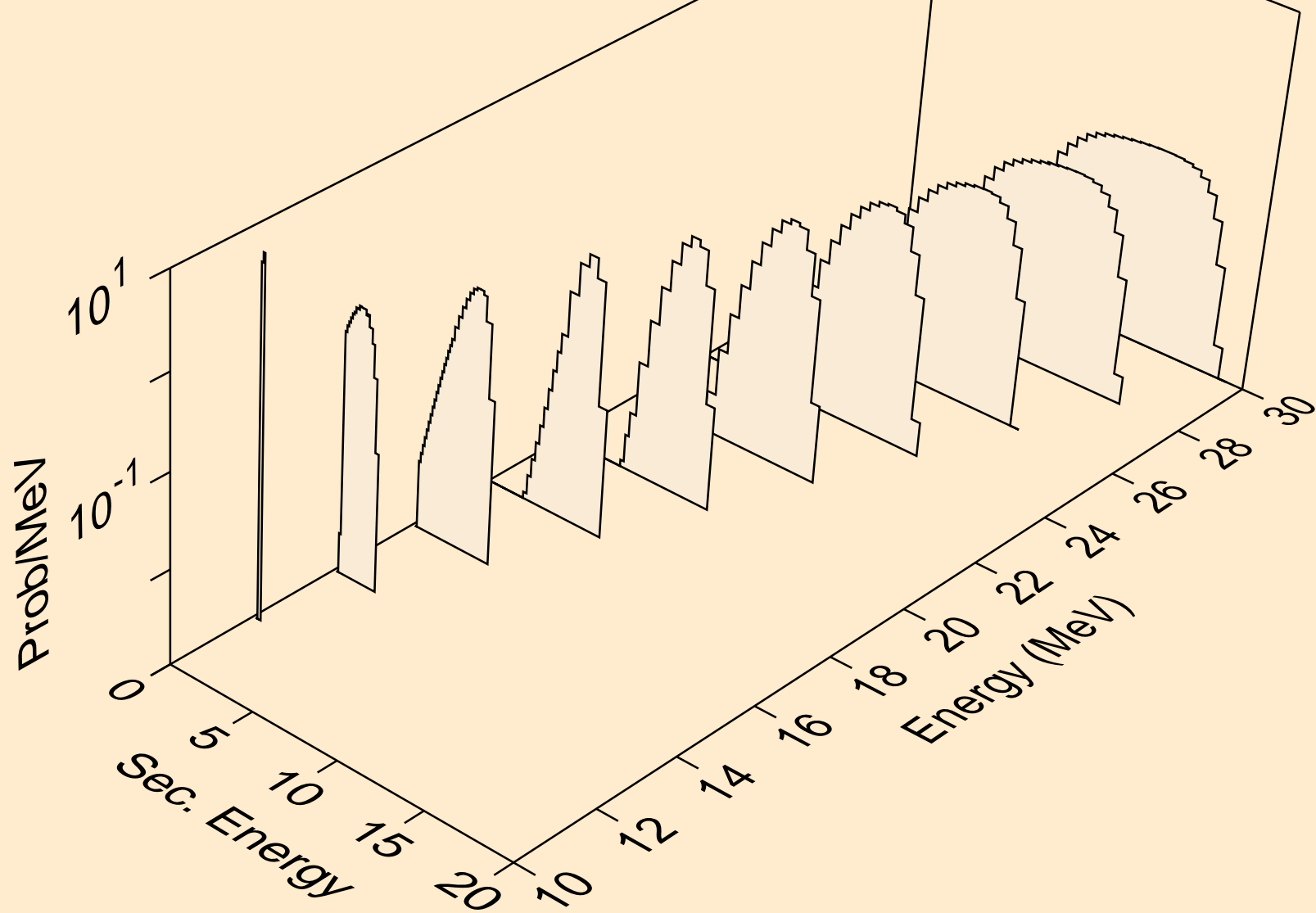
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



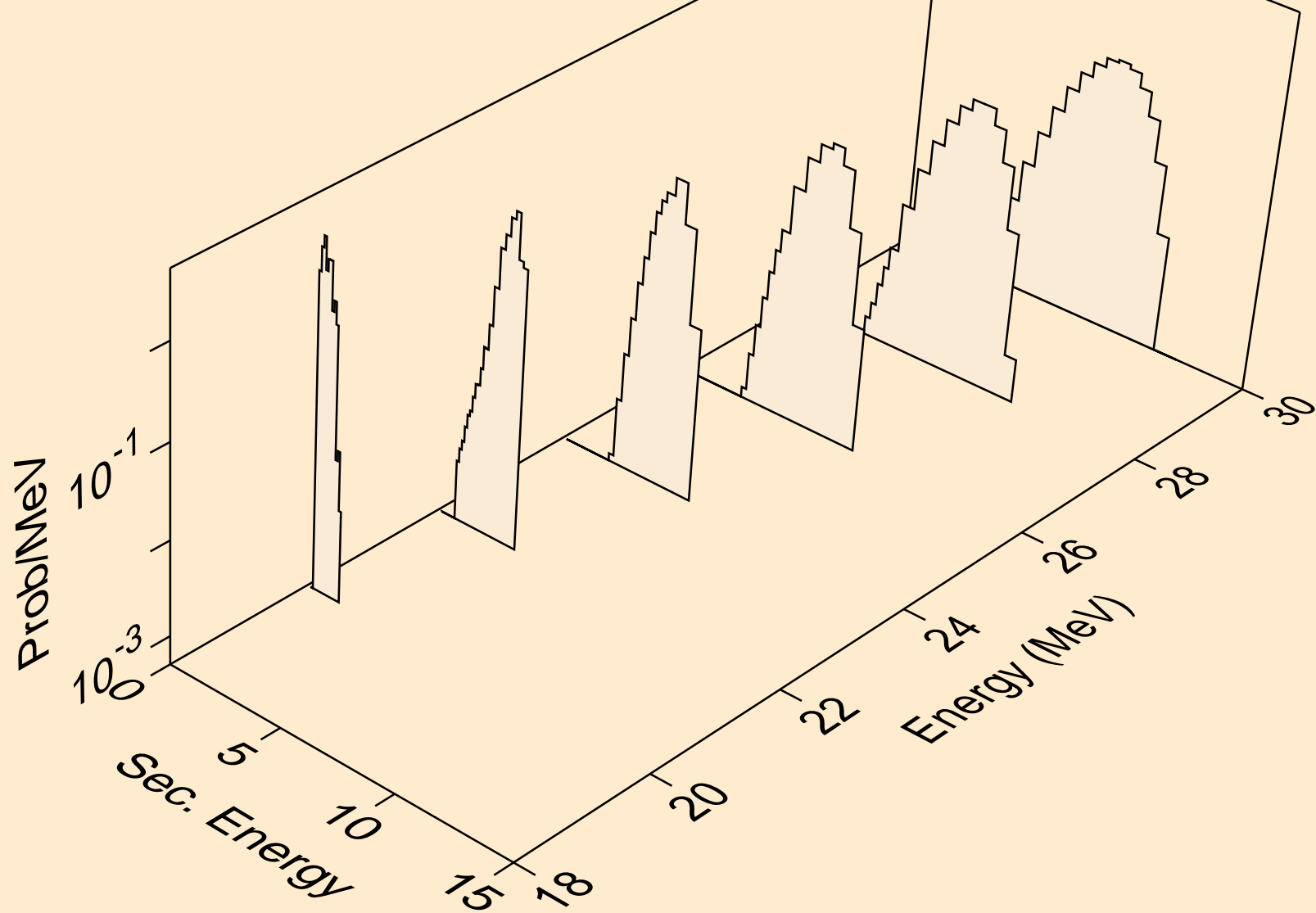
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



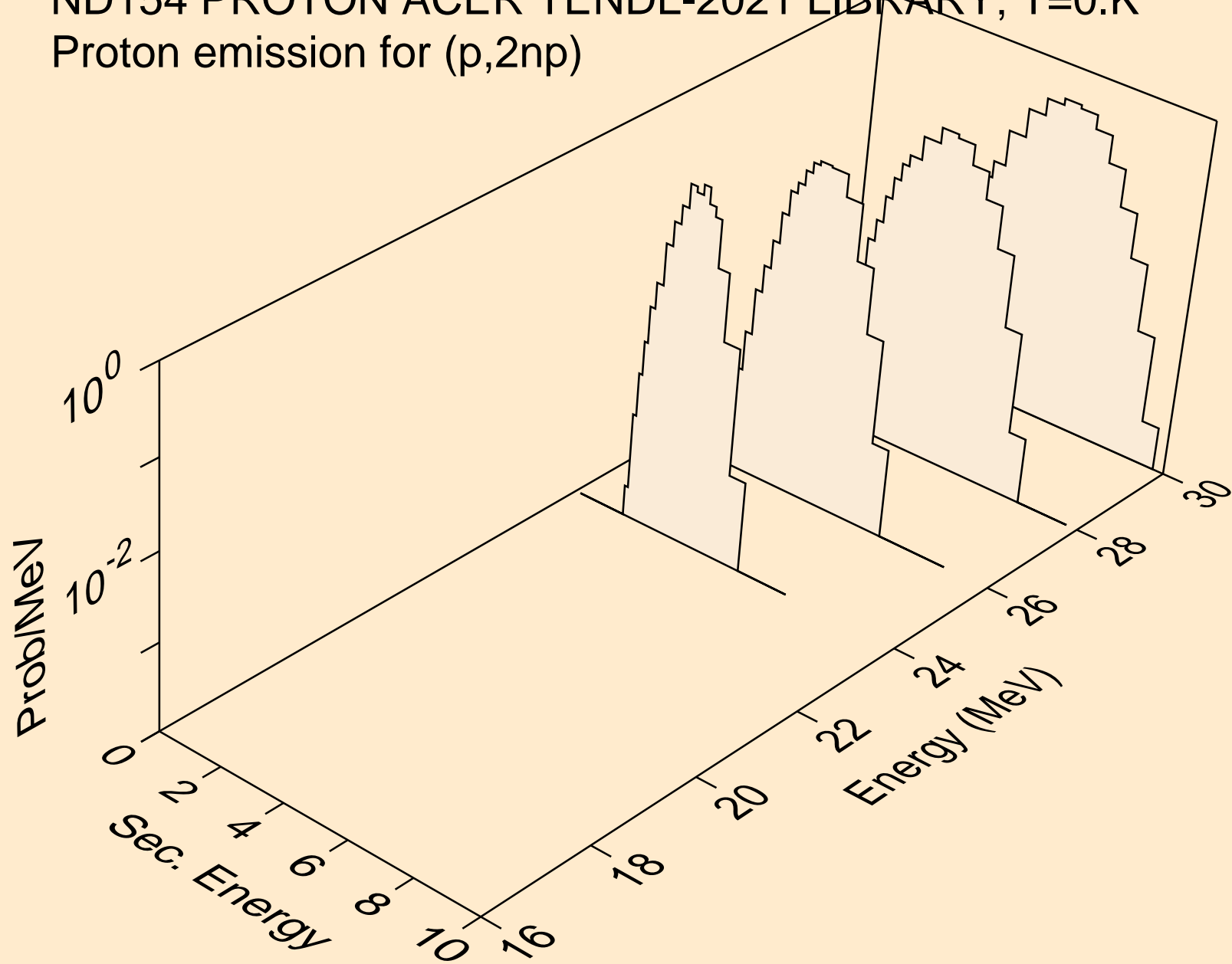
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



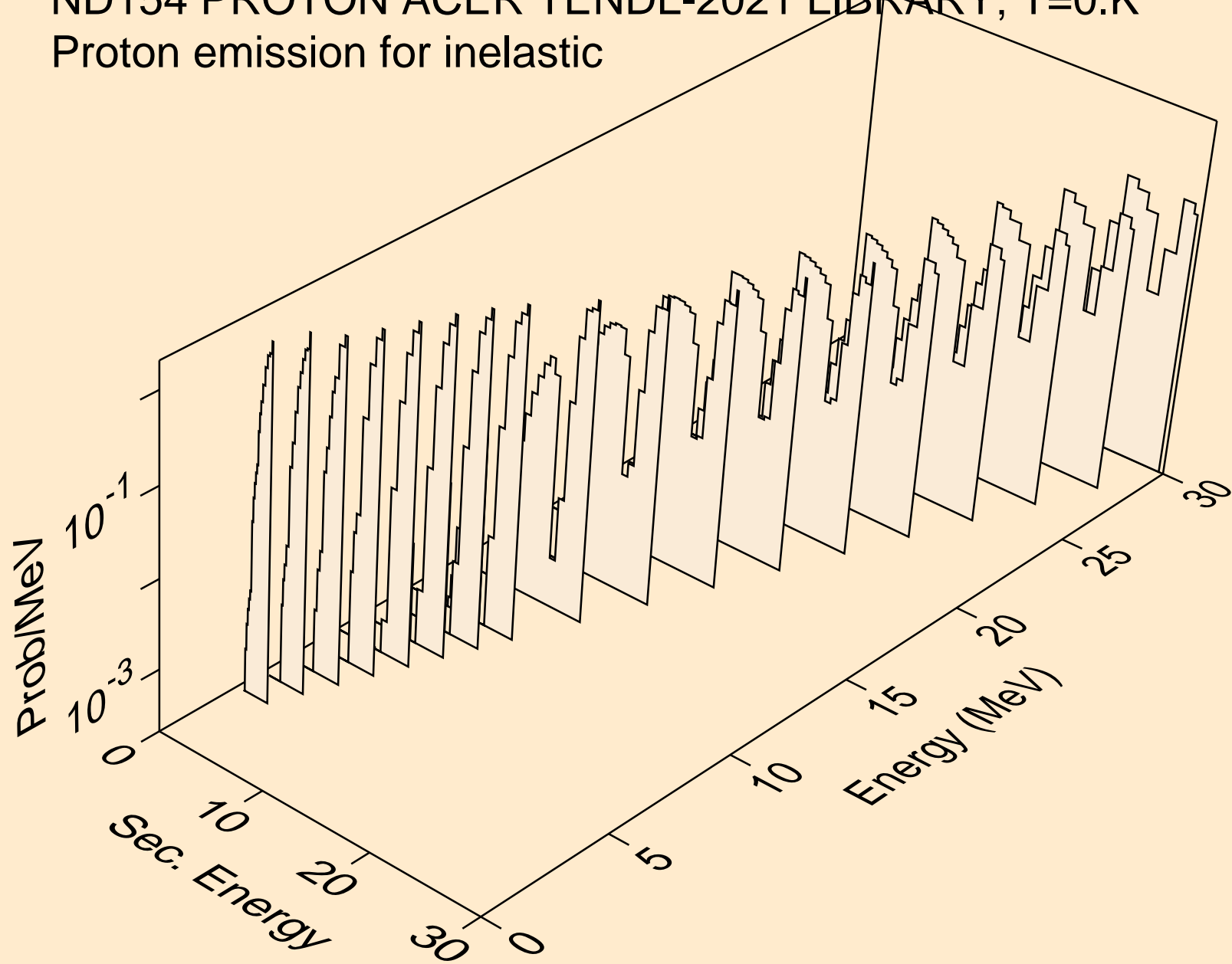
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

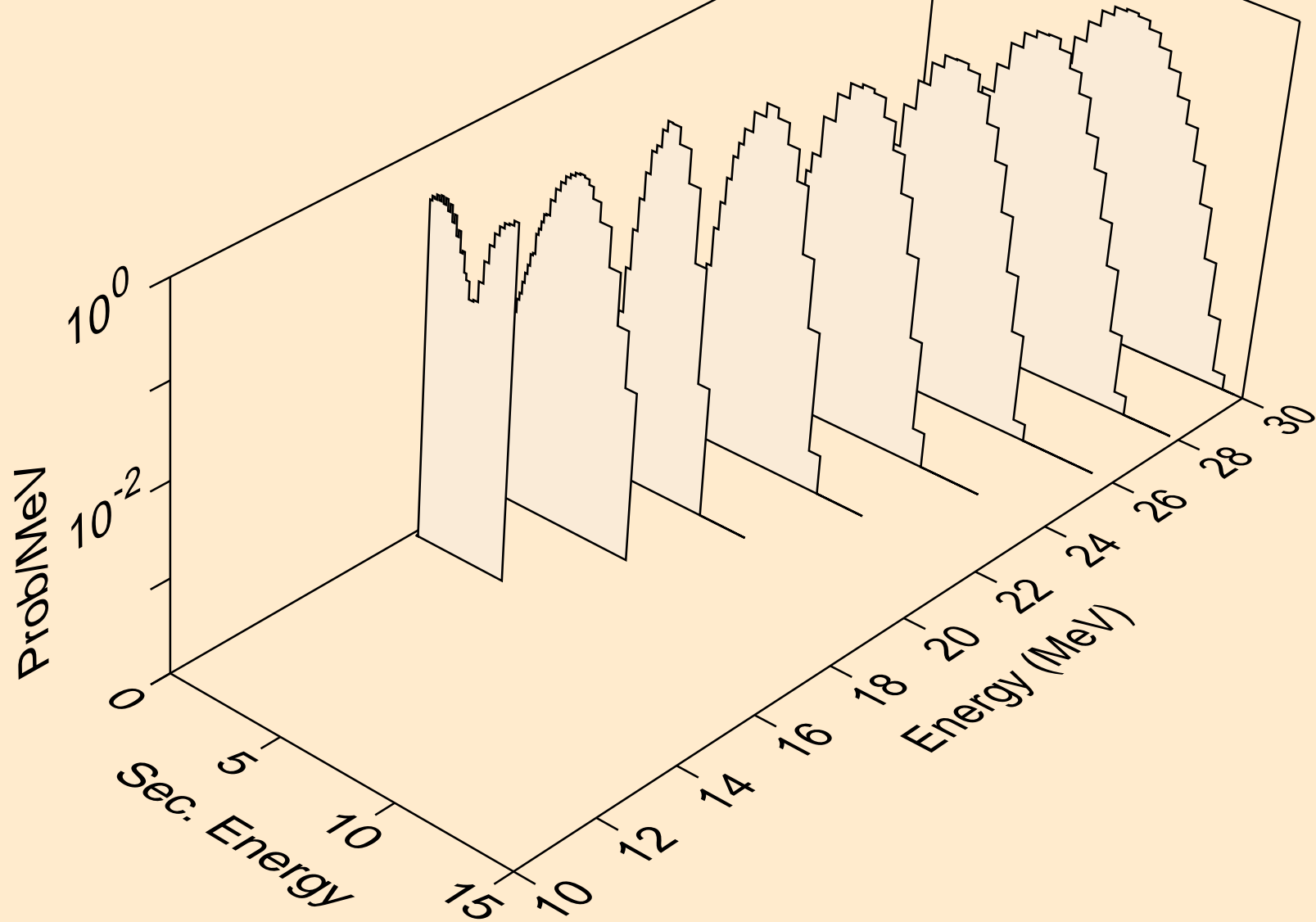


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

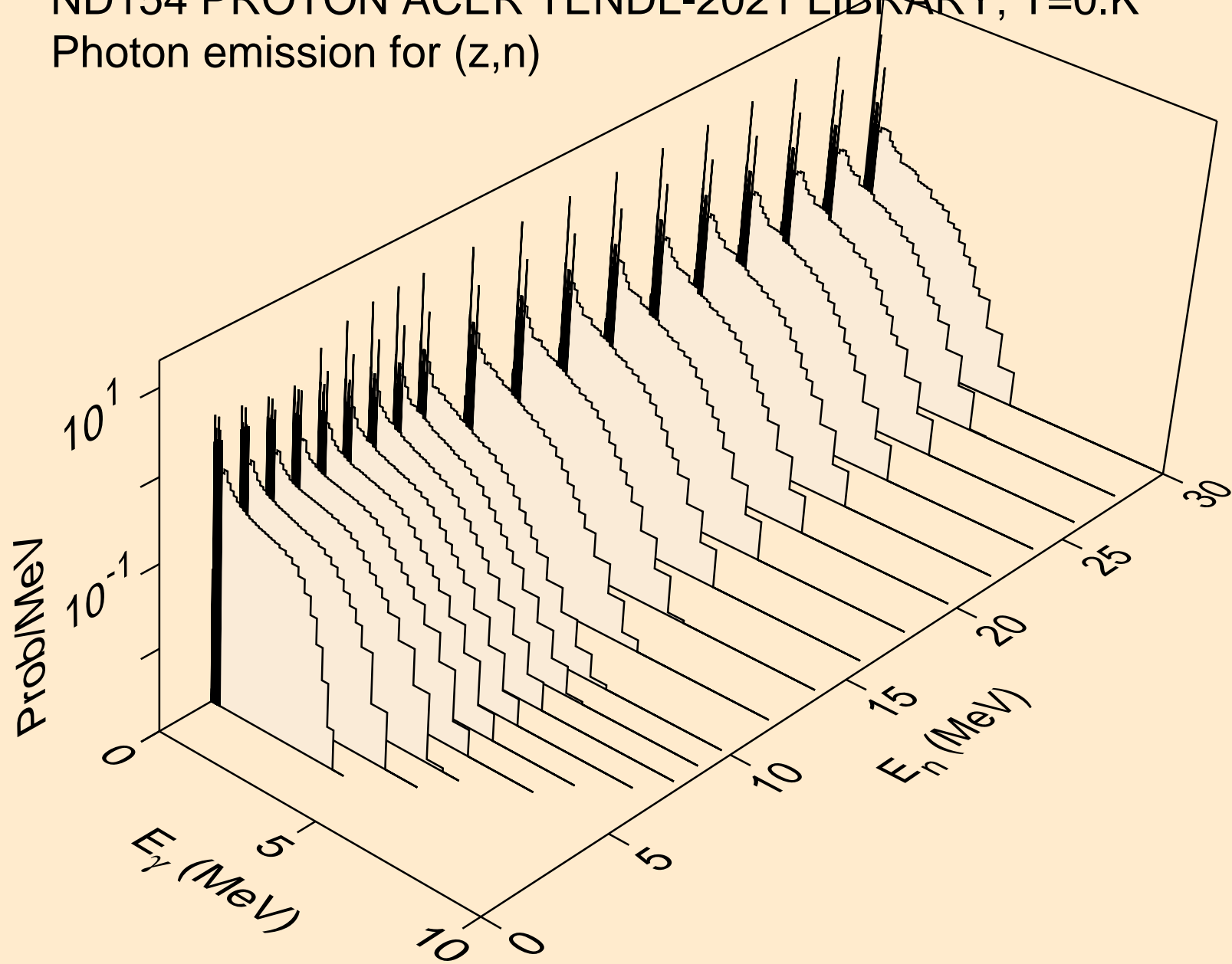




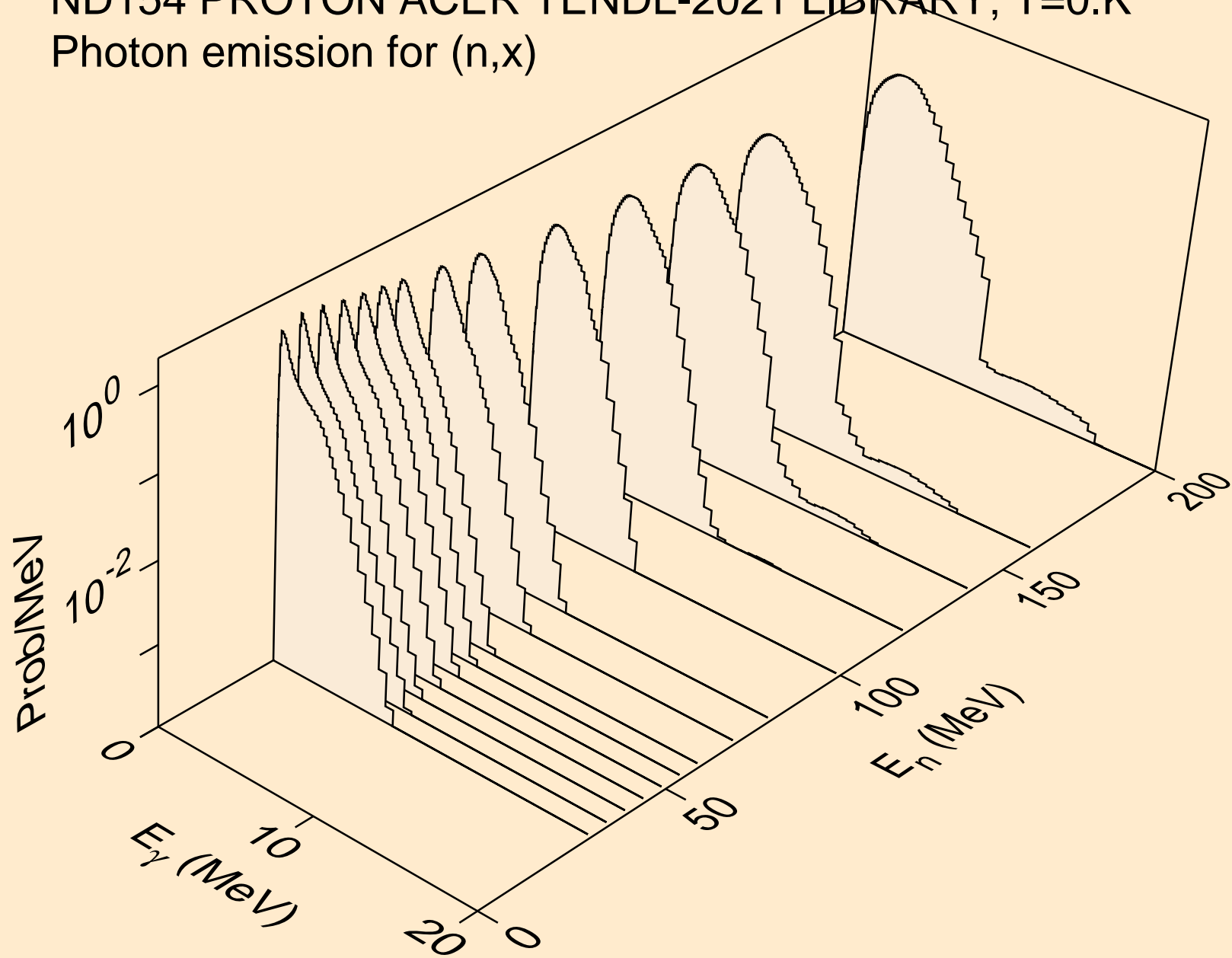
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



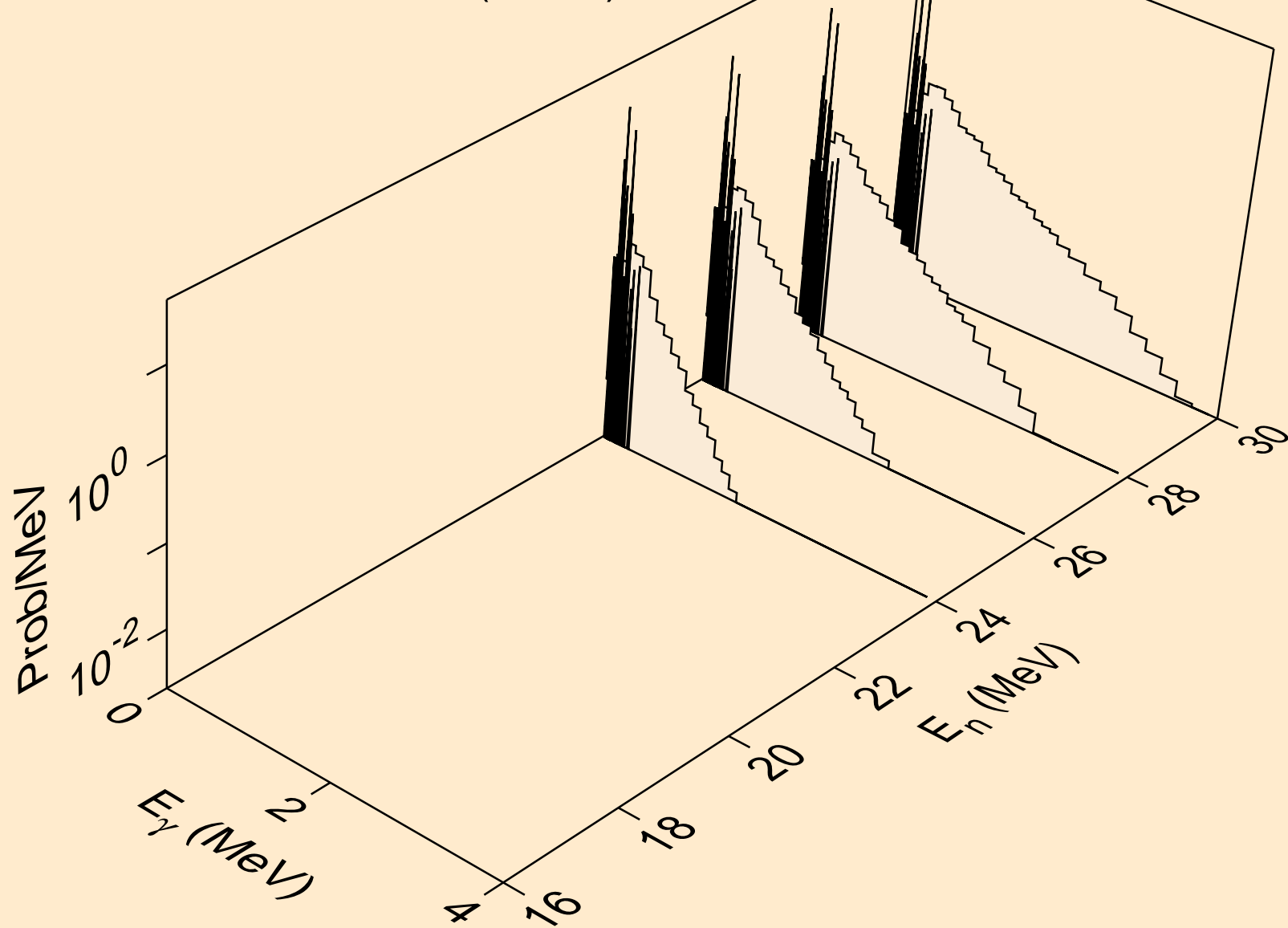
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



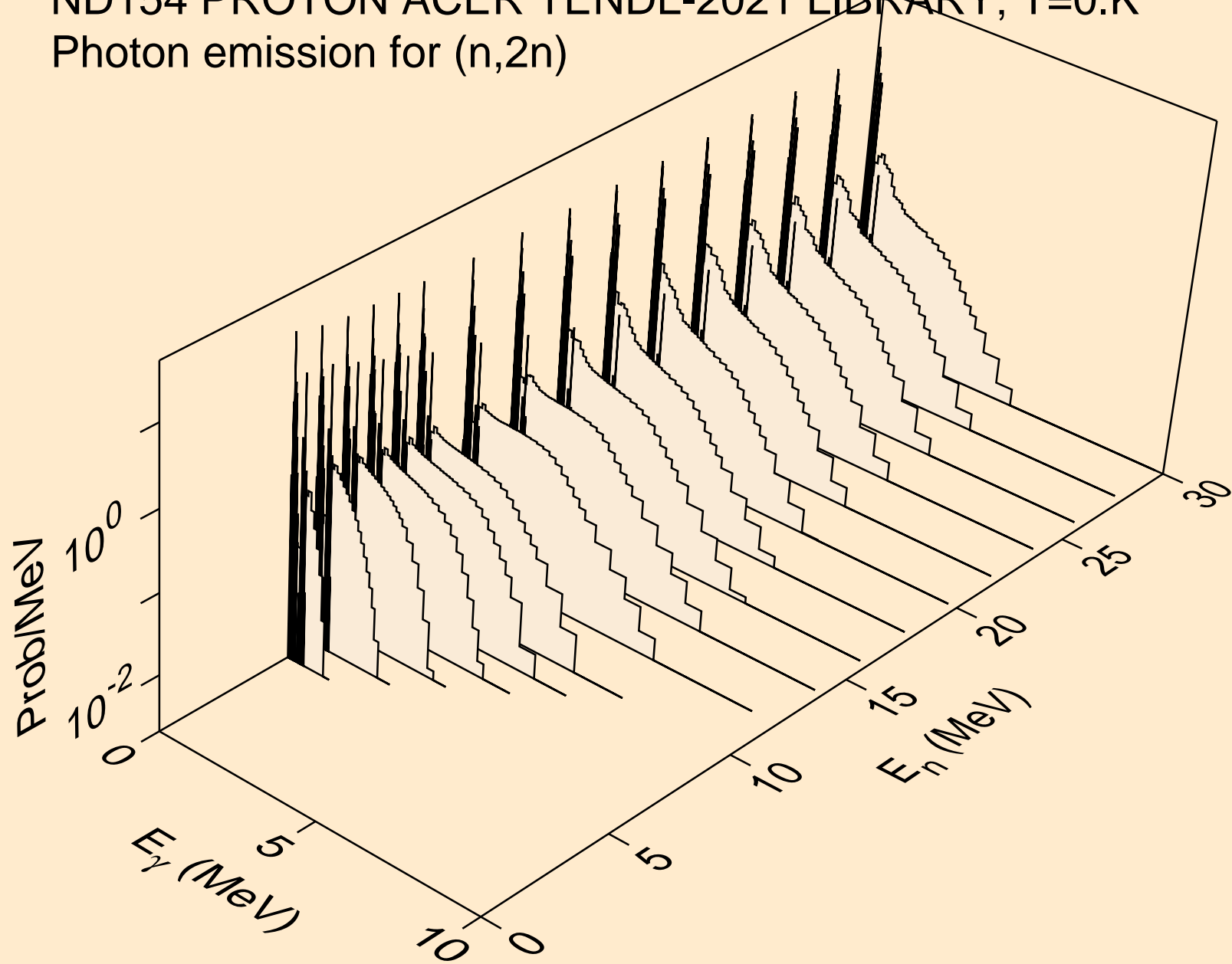
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



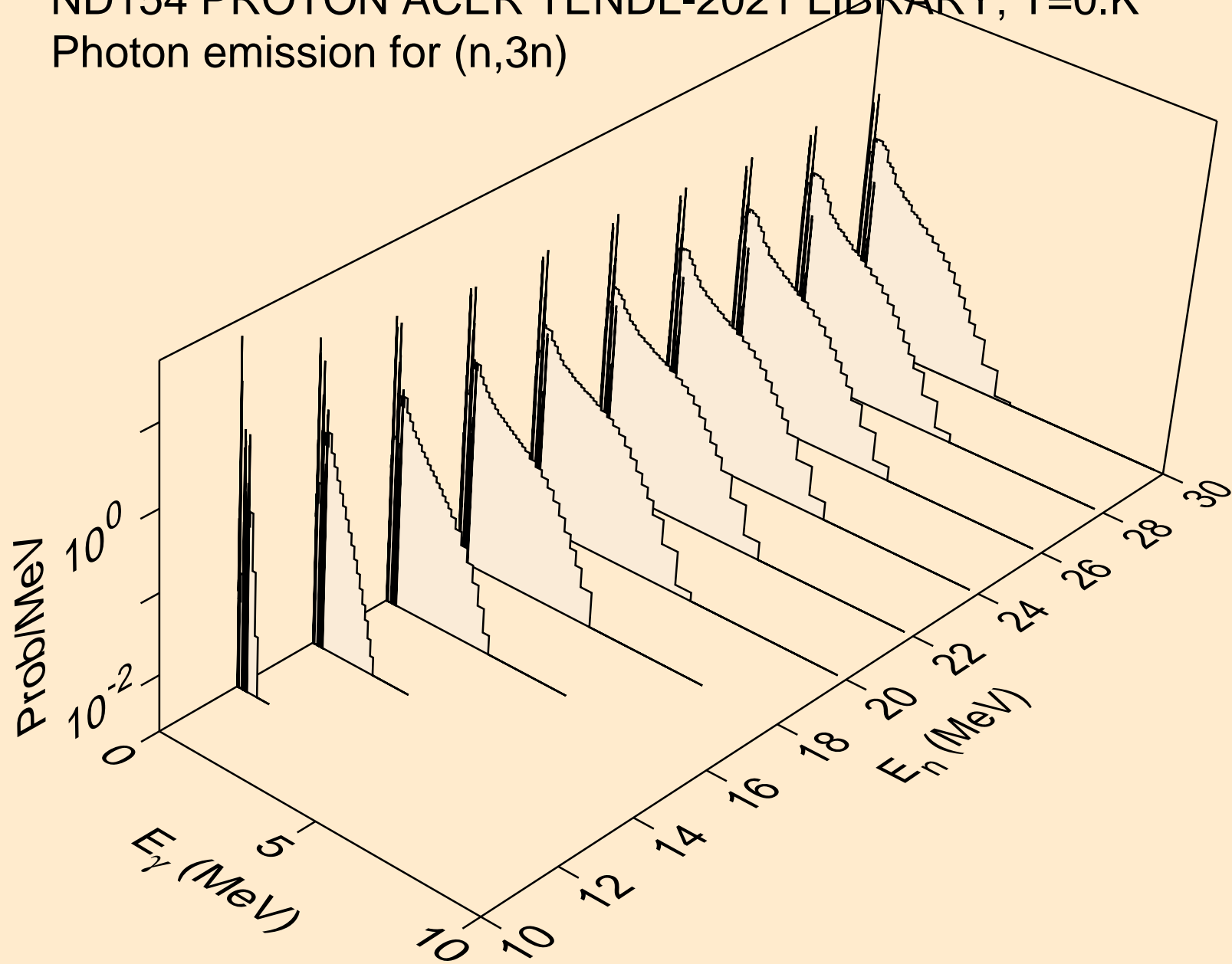
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



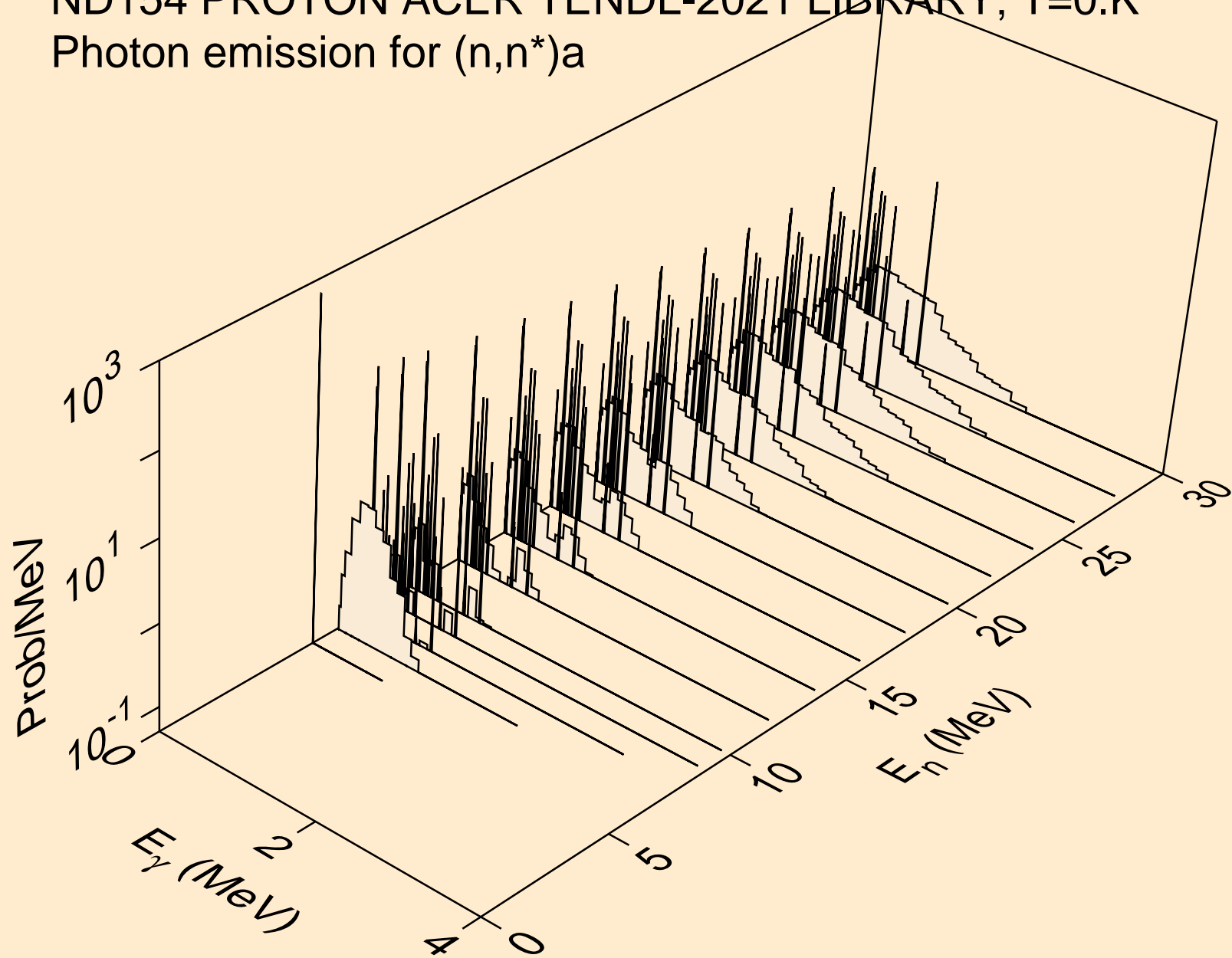
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



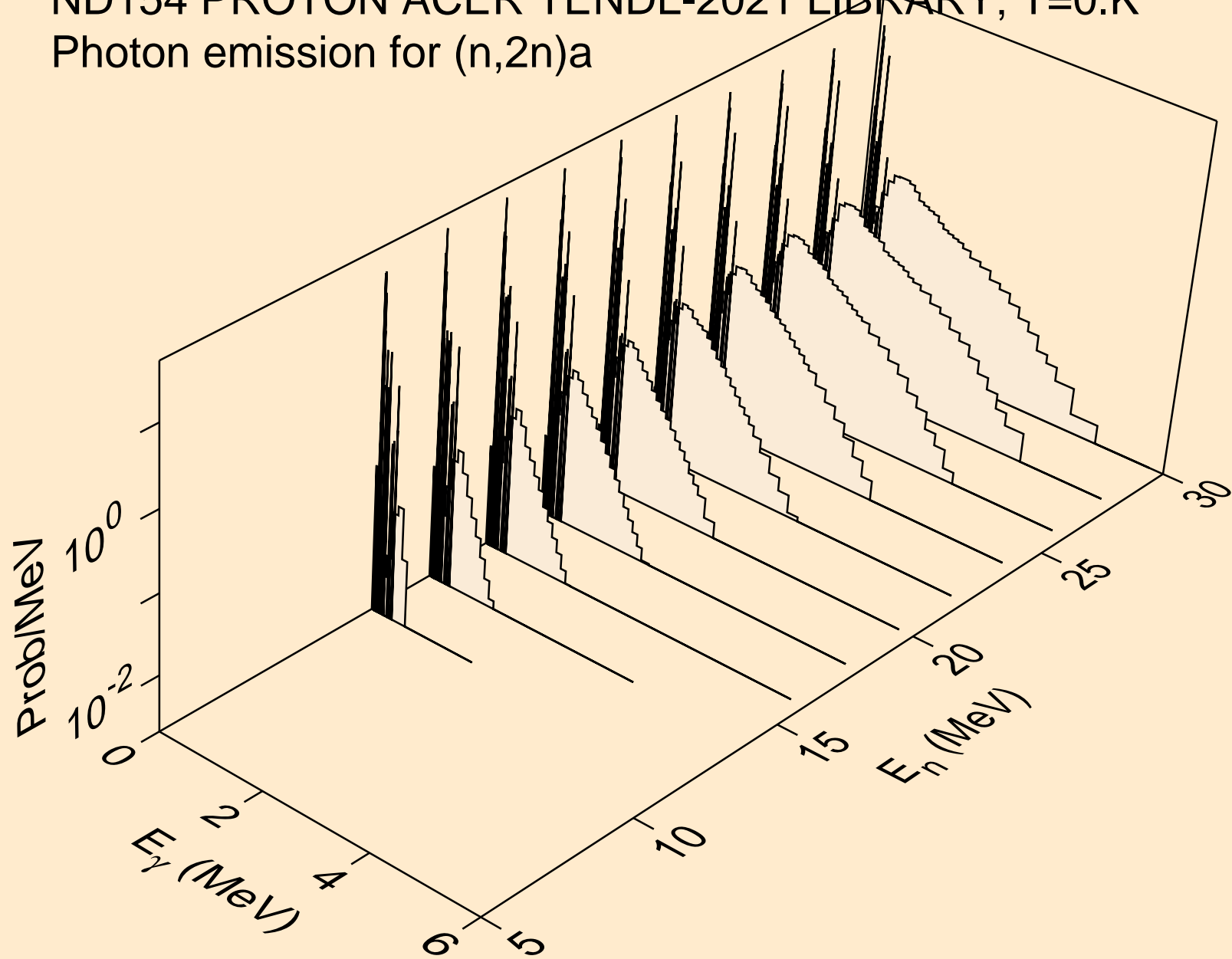
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

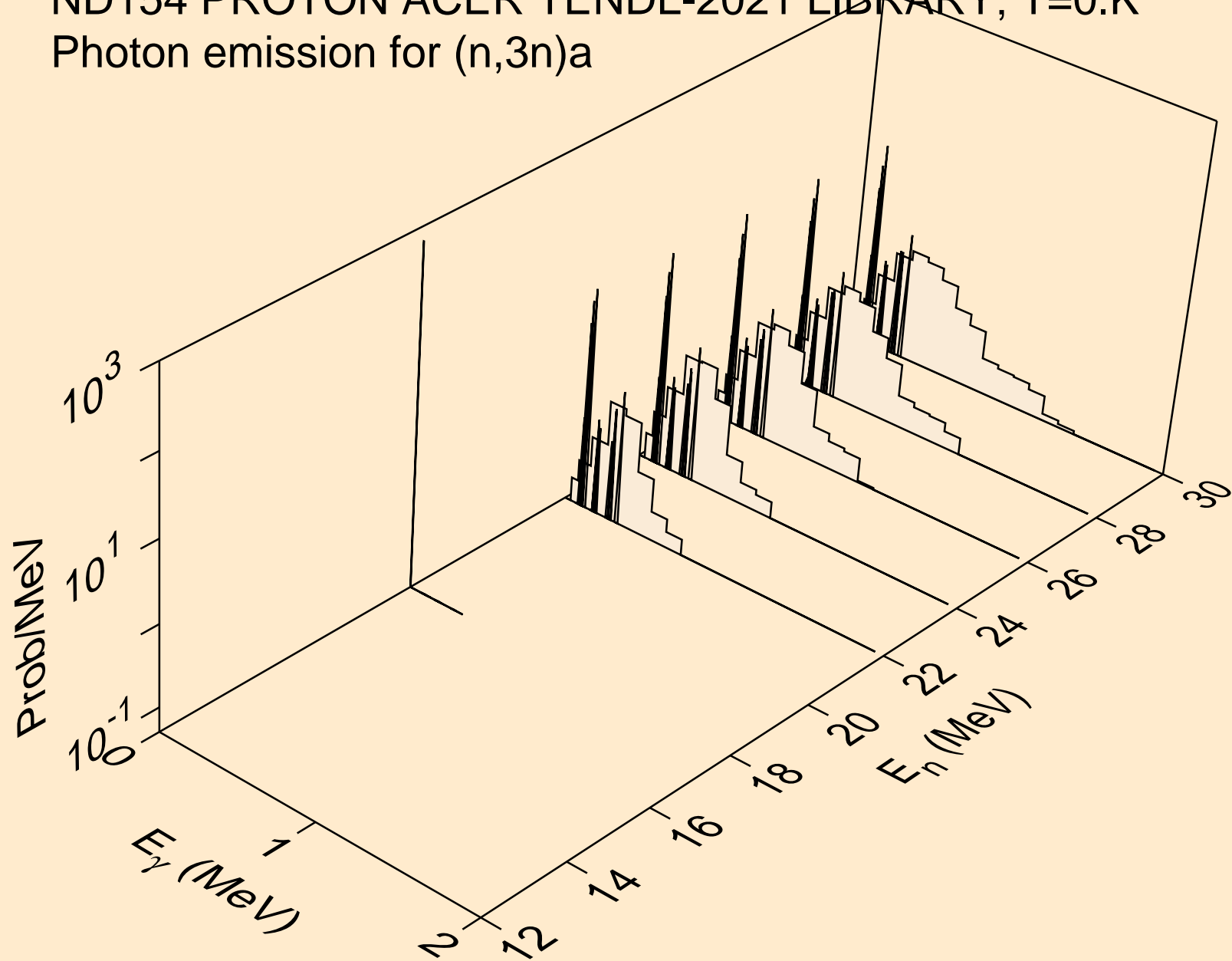


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

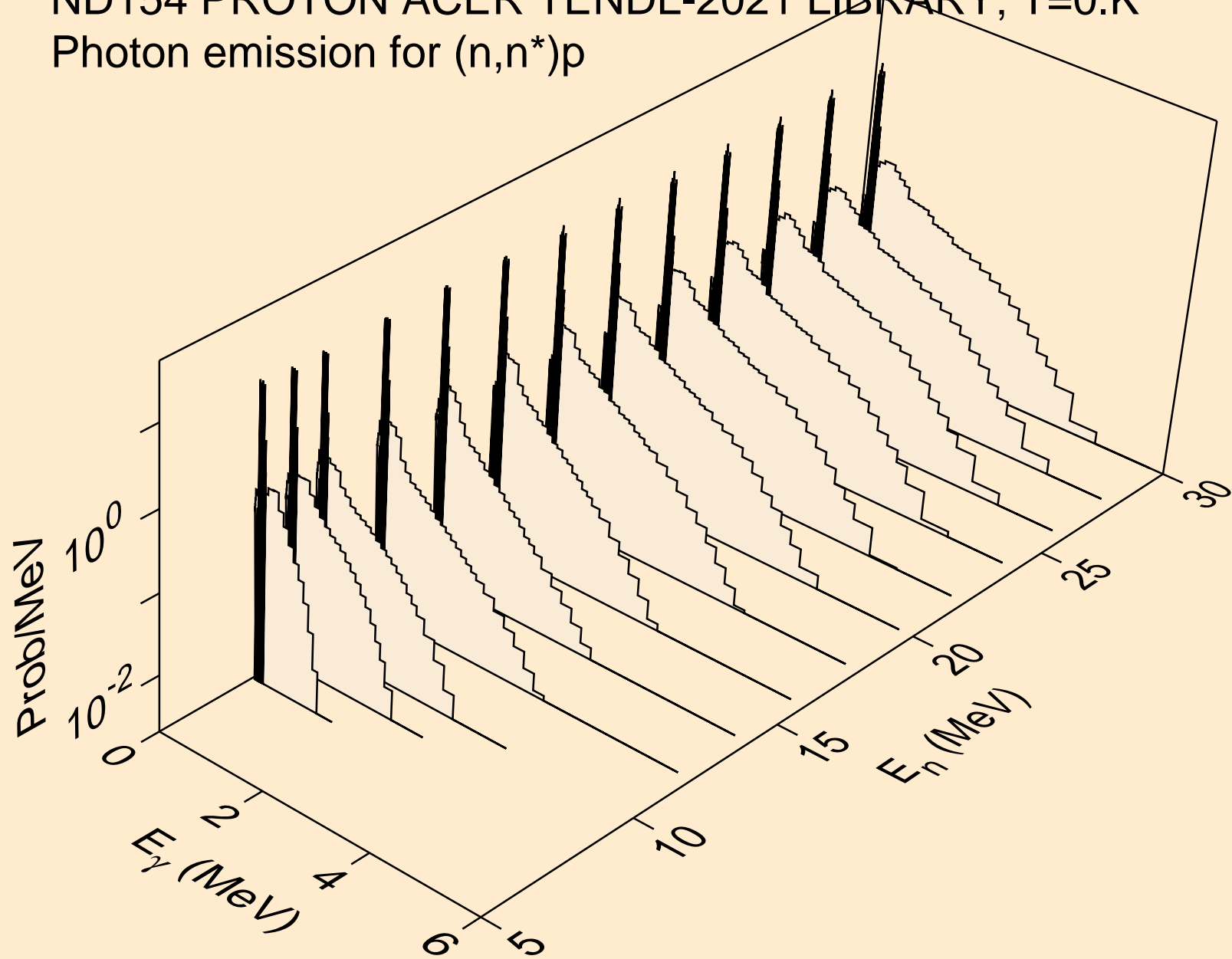




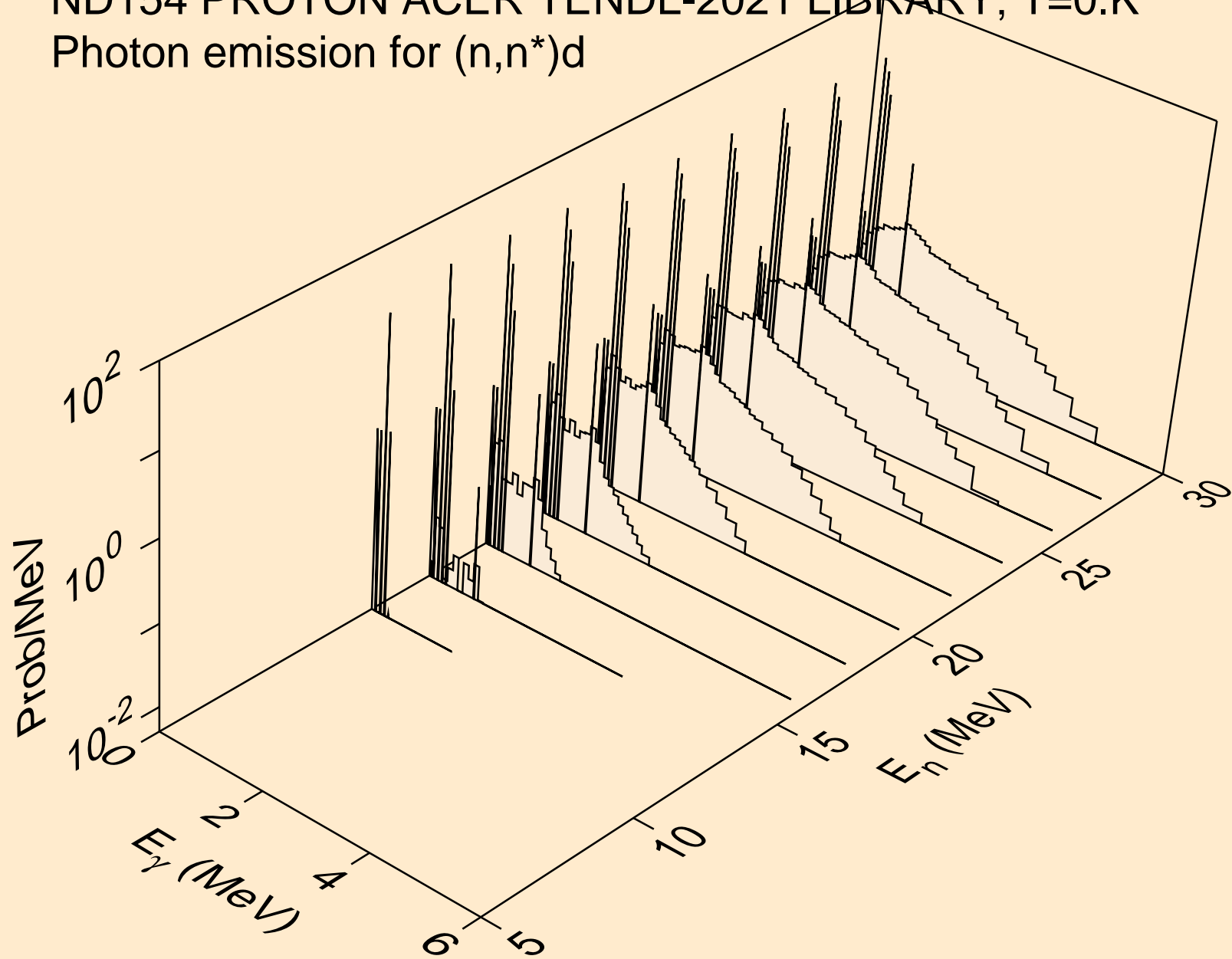
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



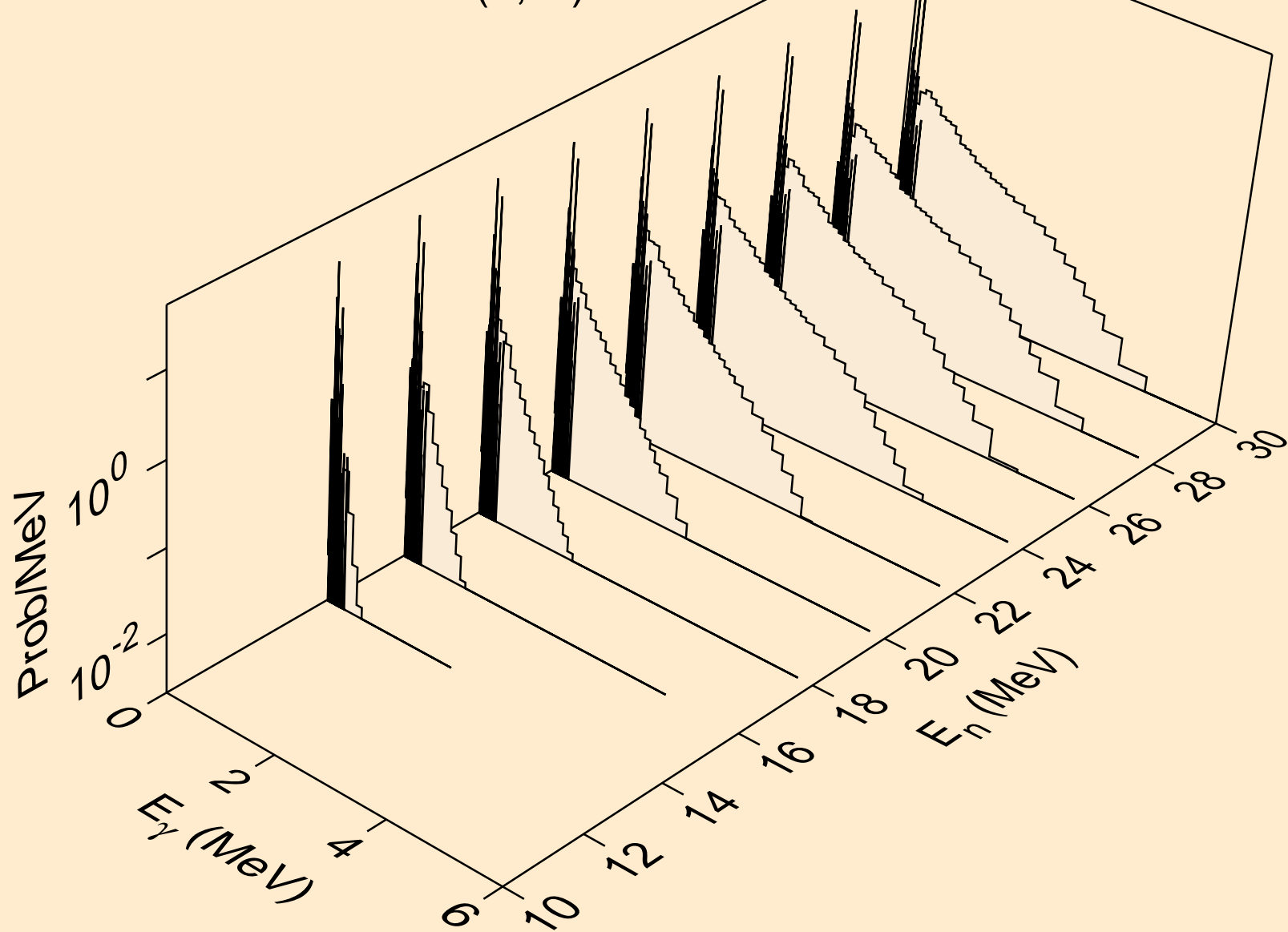
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



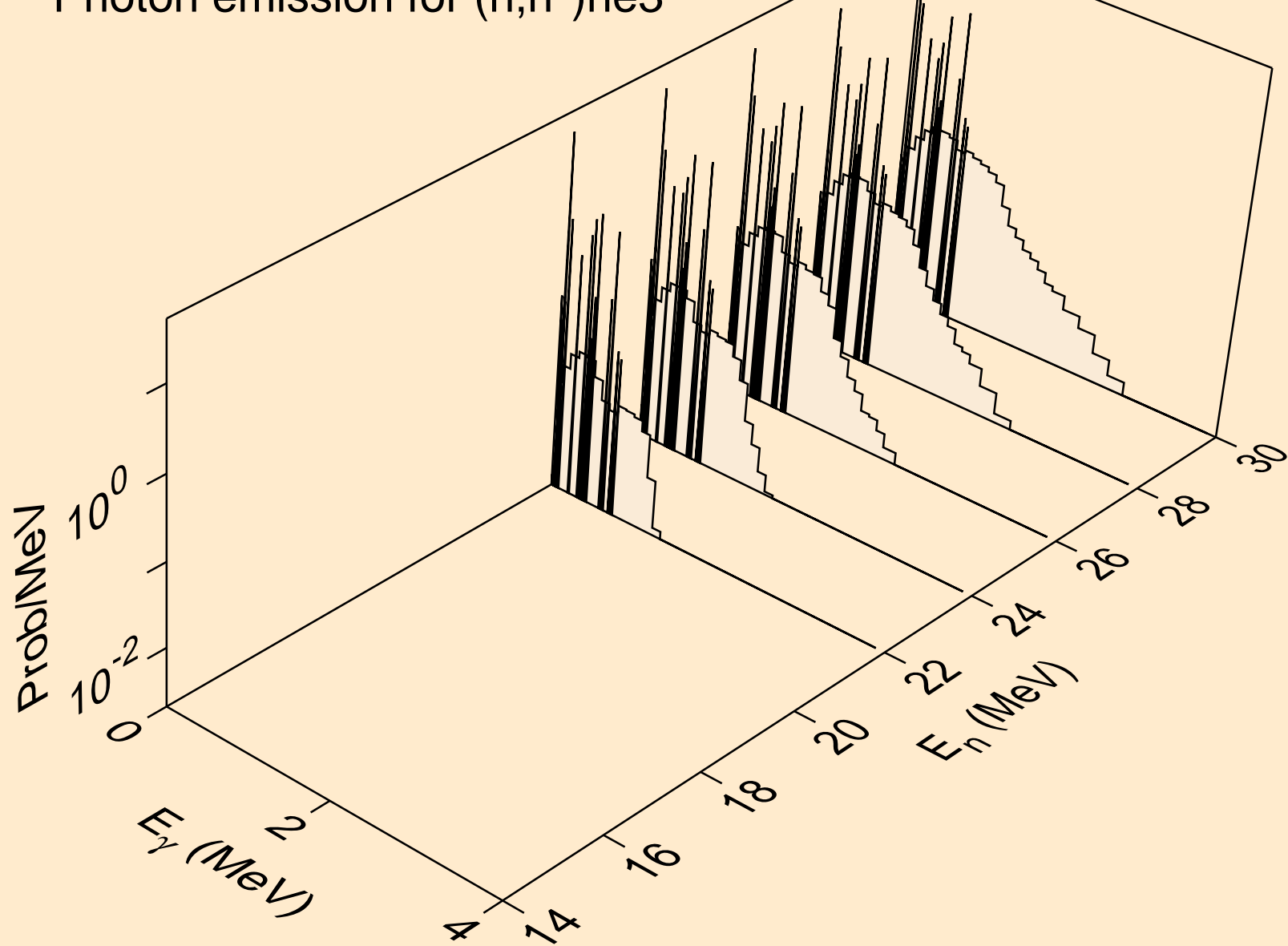
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



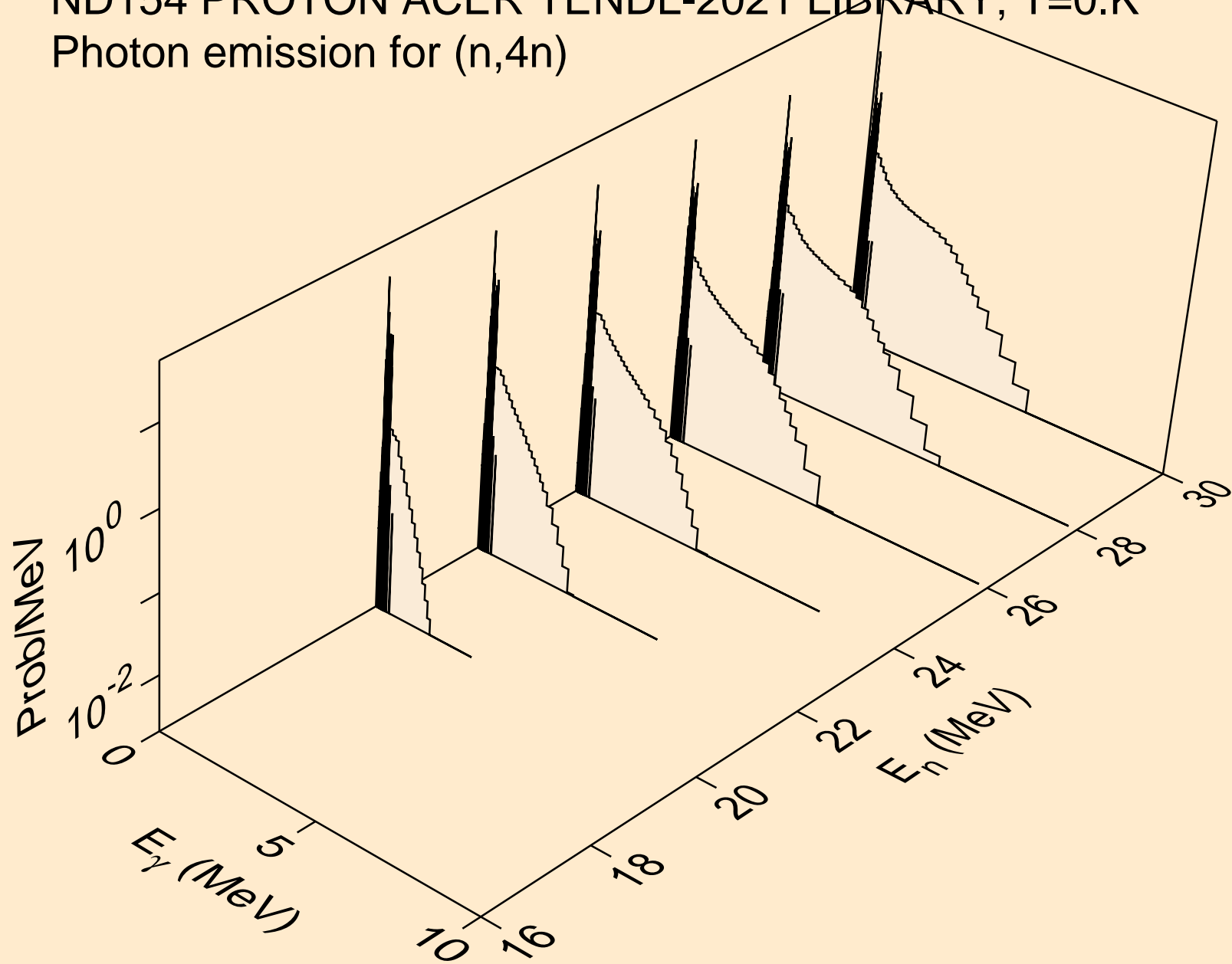
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



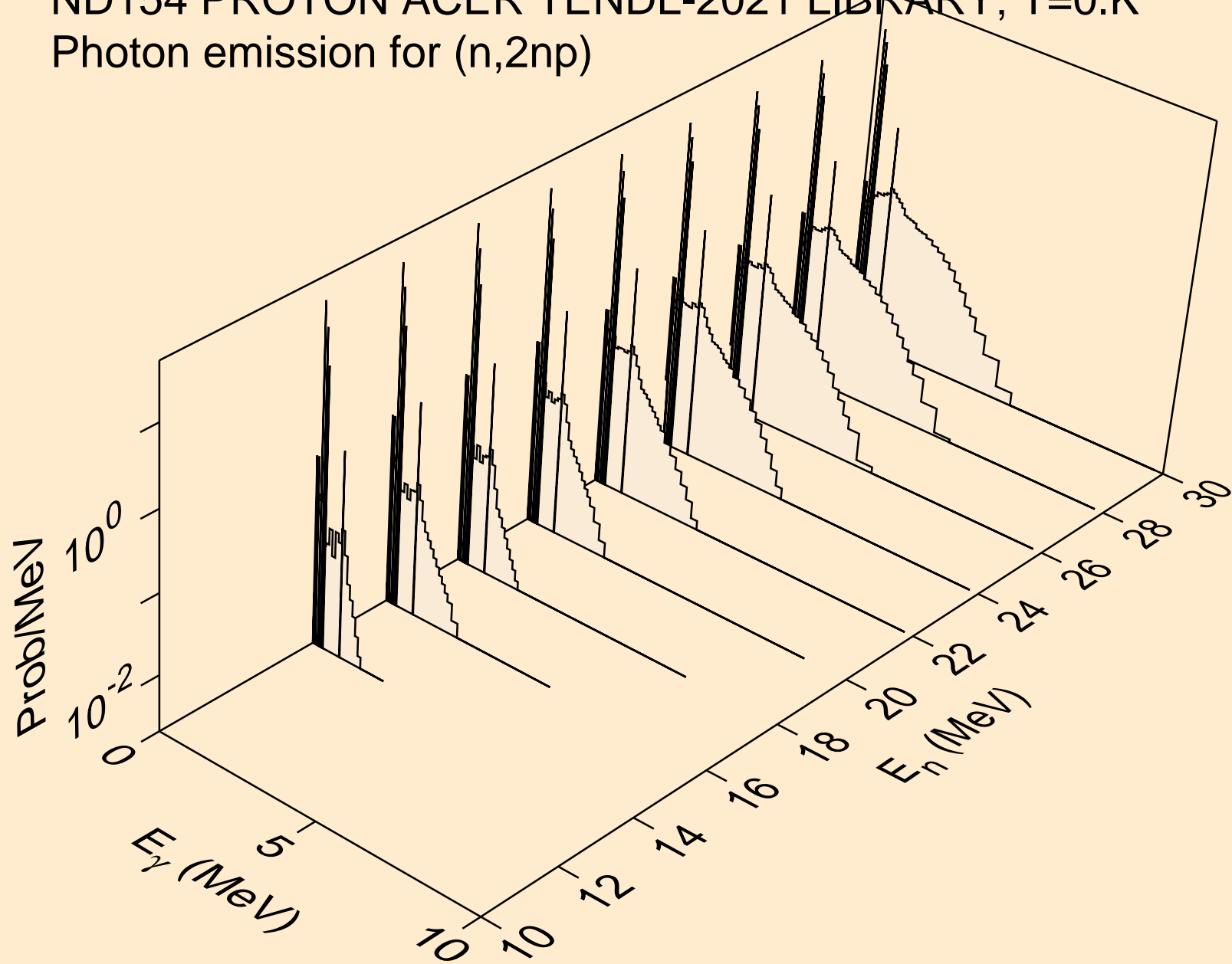
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



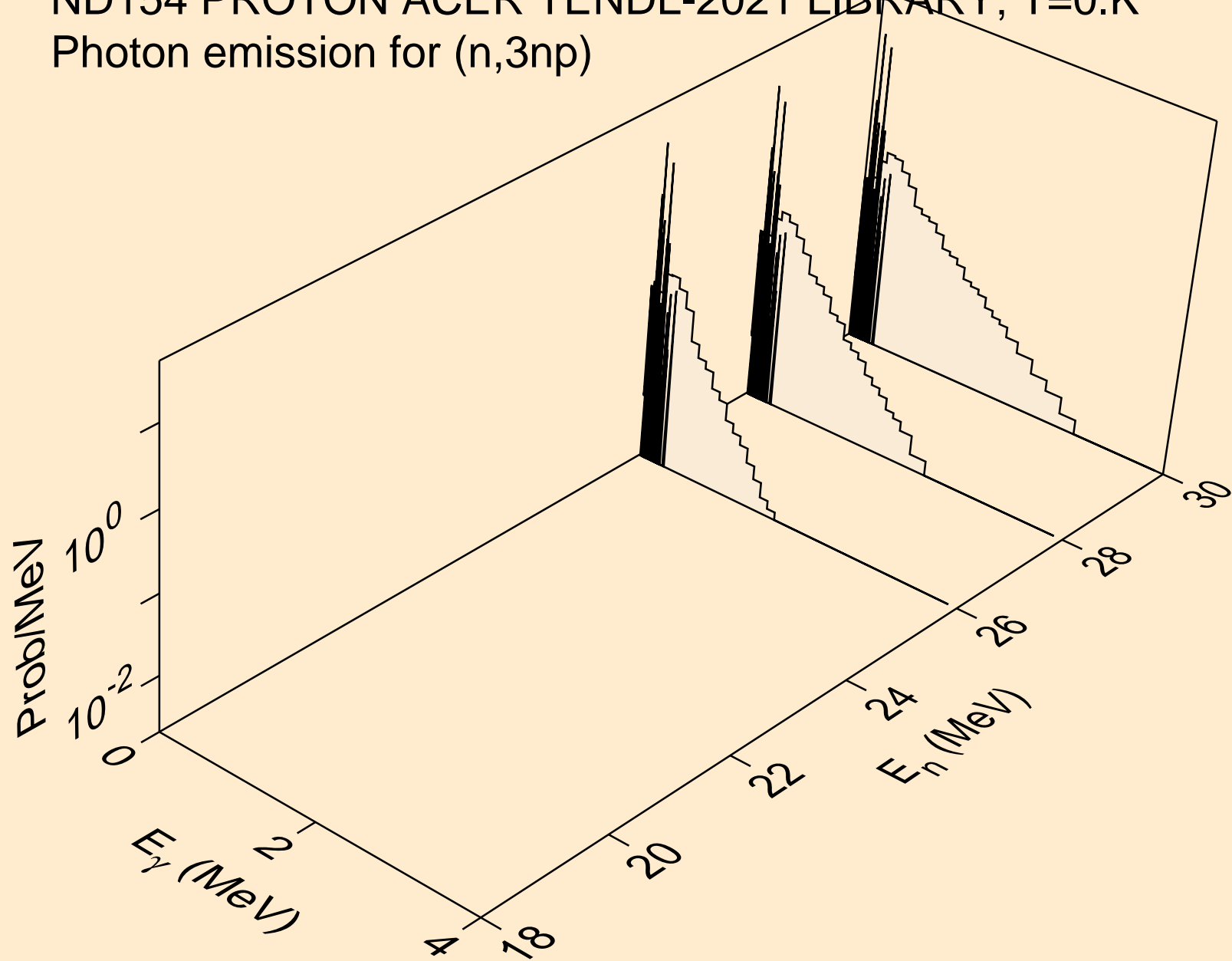
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

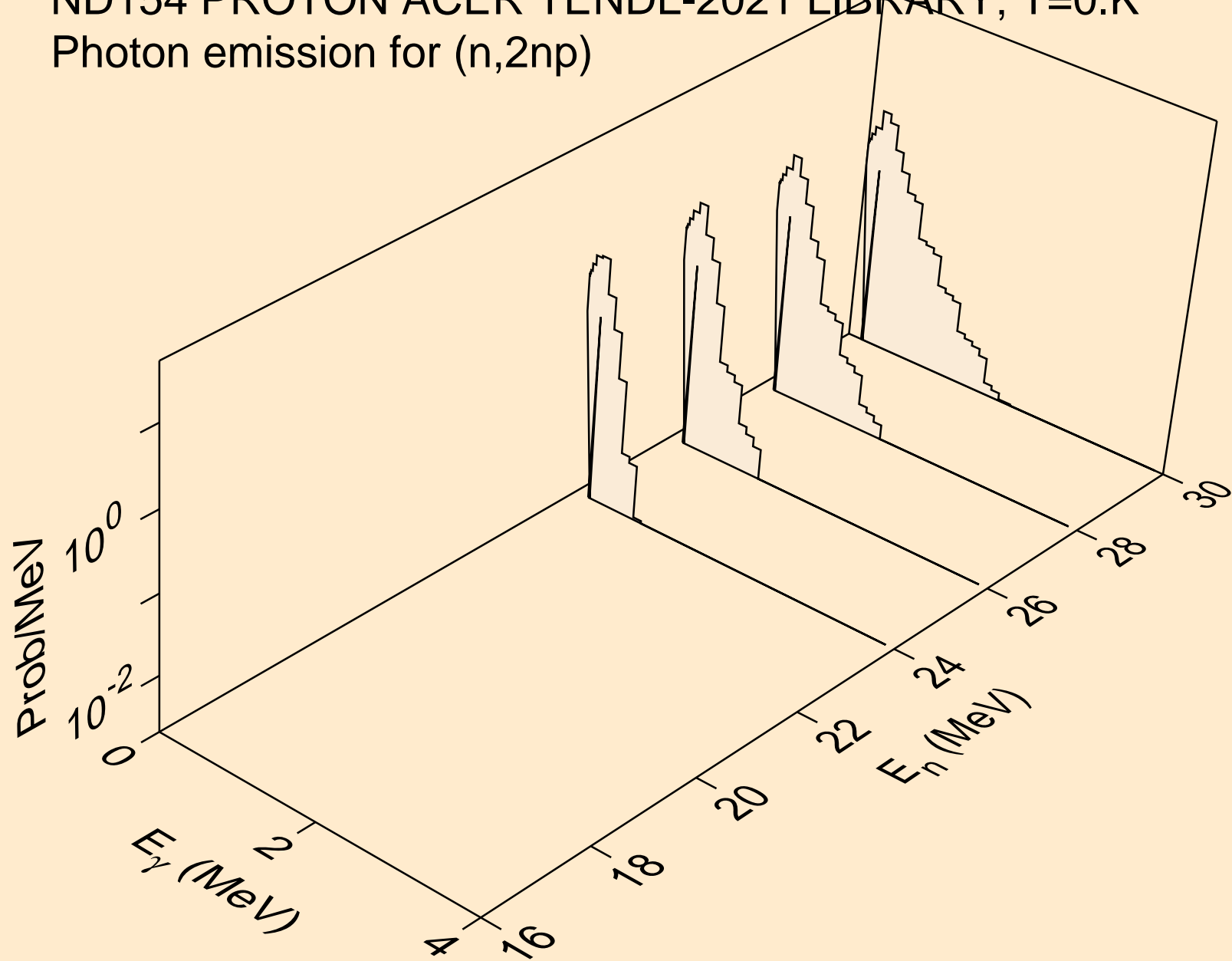


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

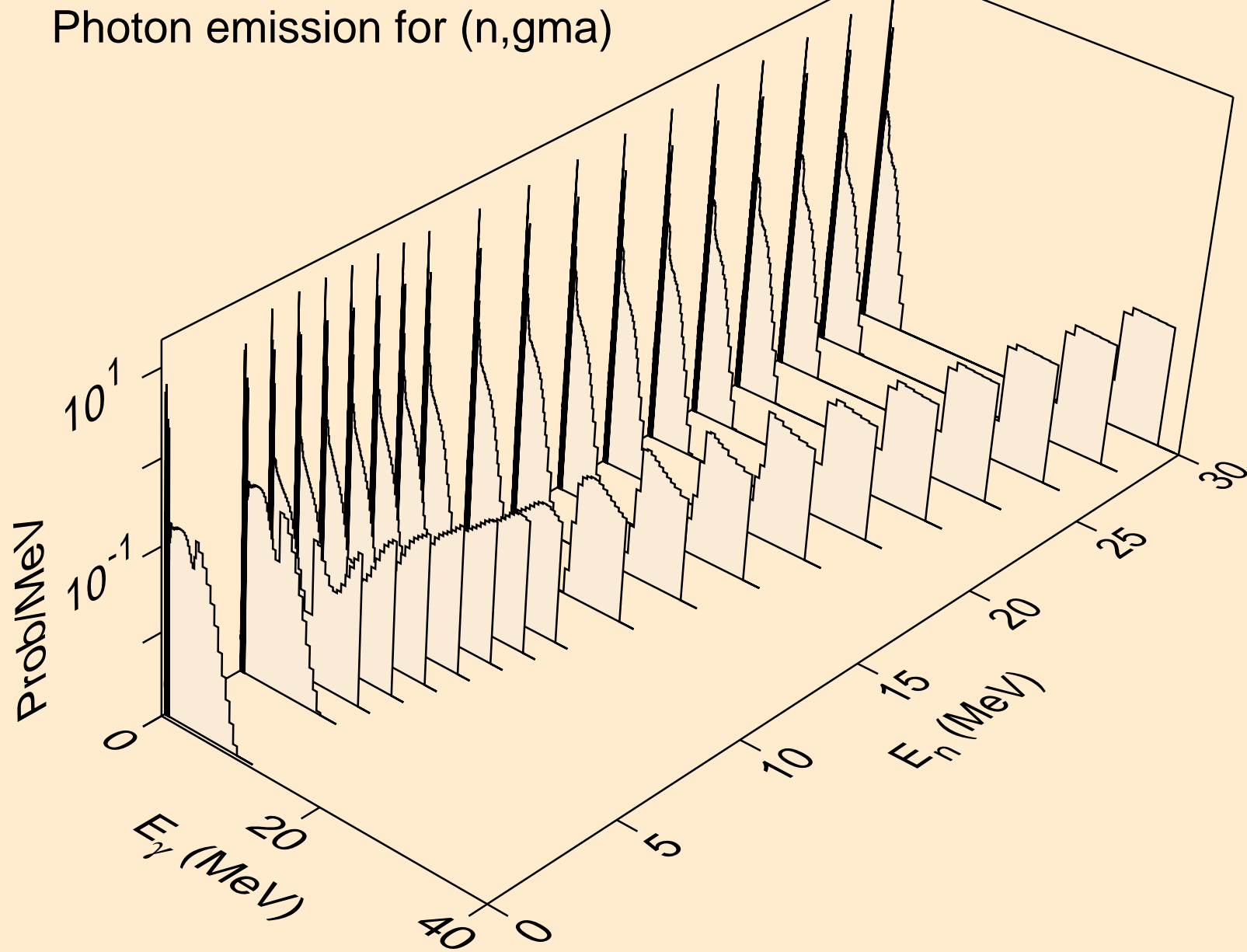




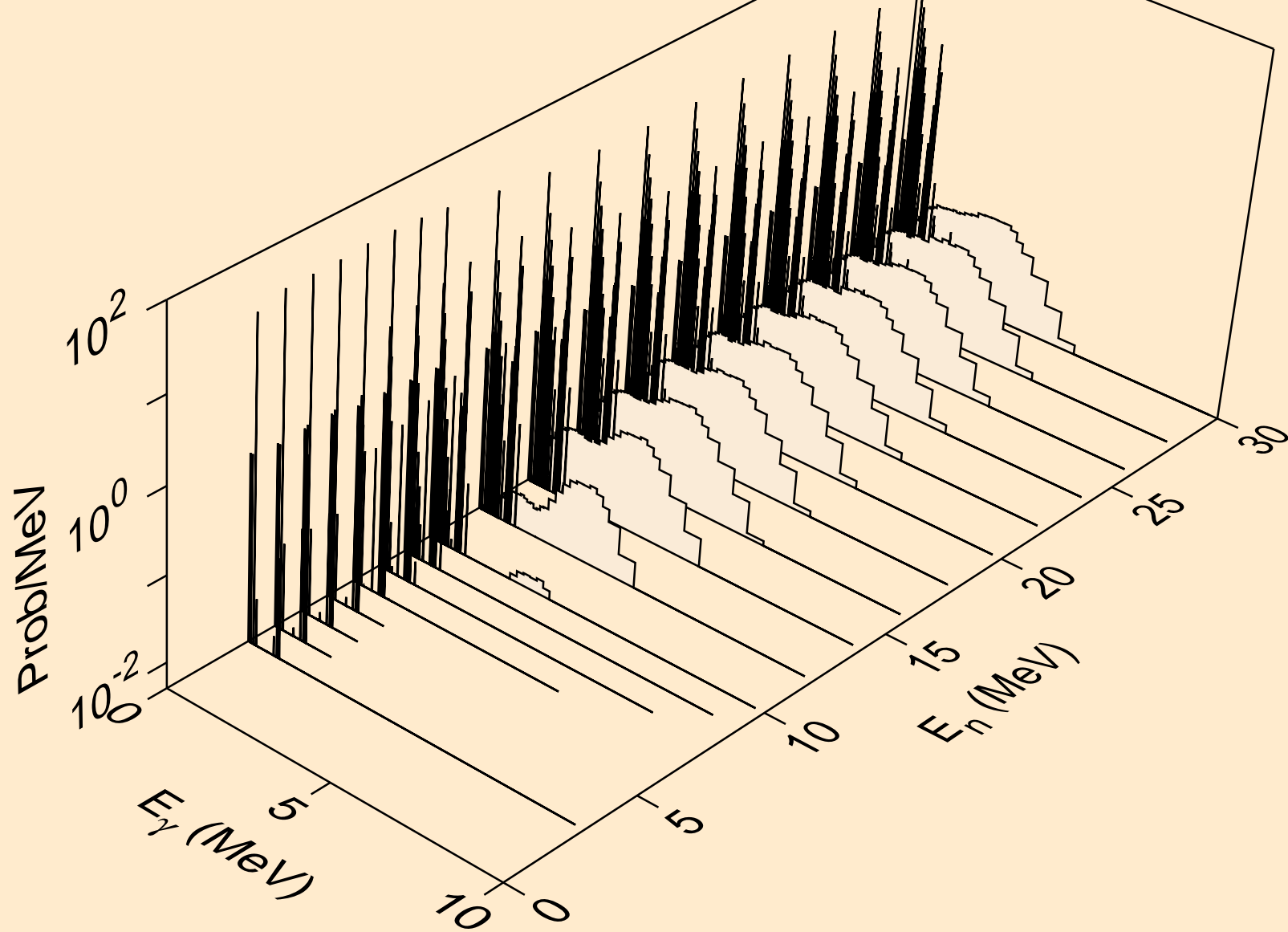
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



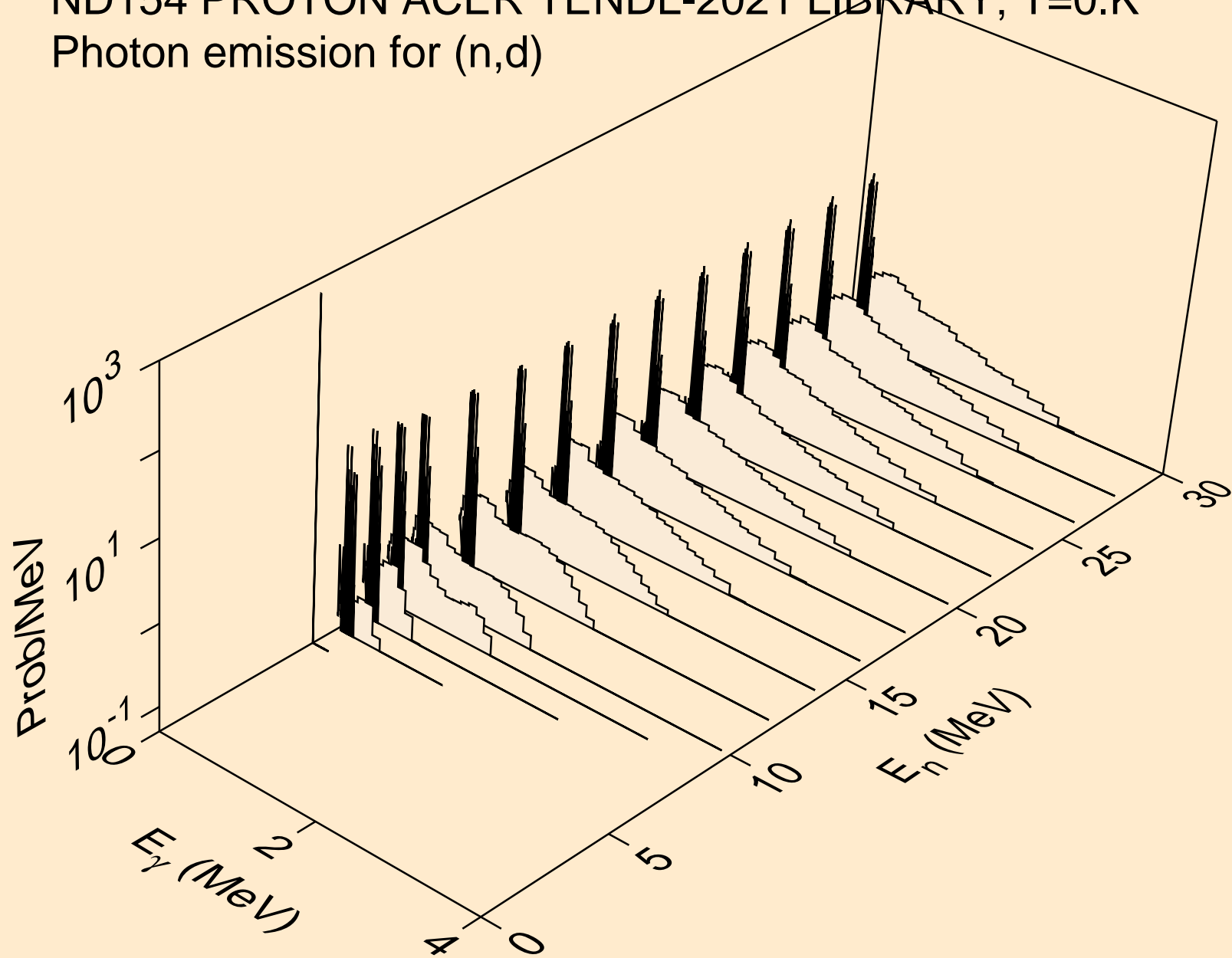
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Photon emission for (n,gma)



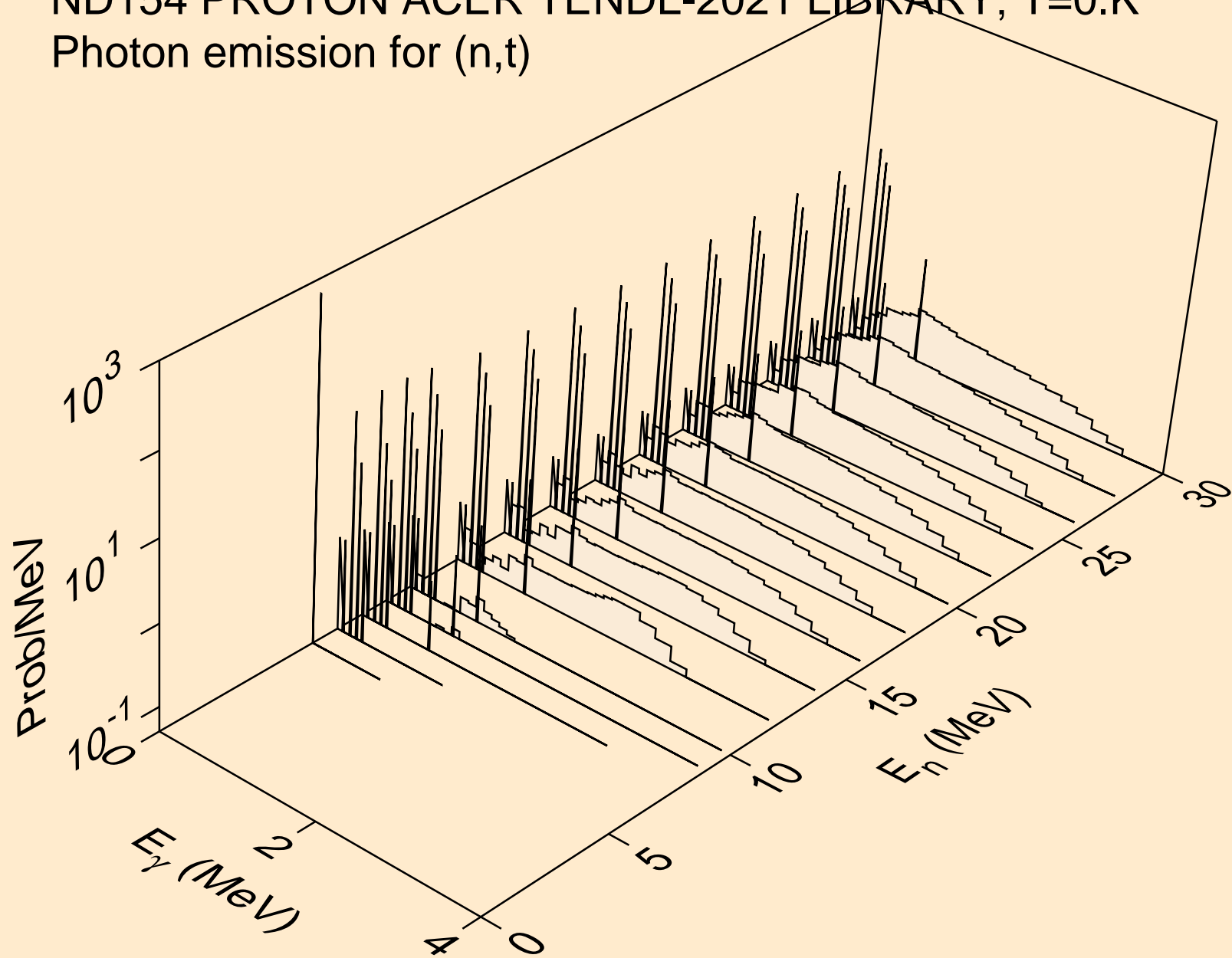
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



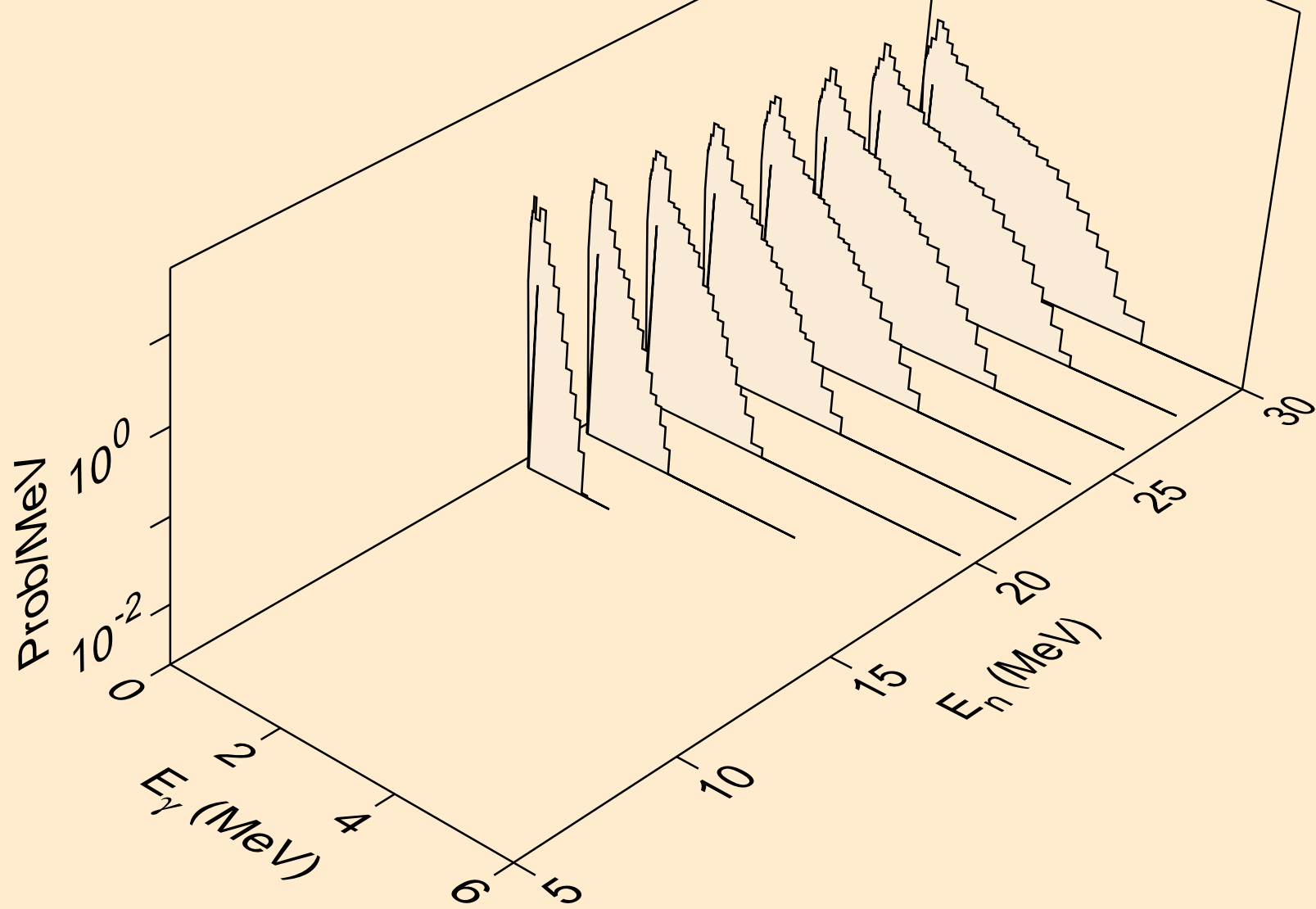
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



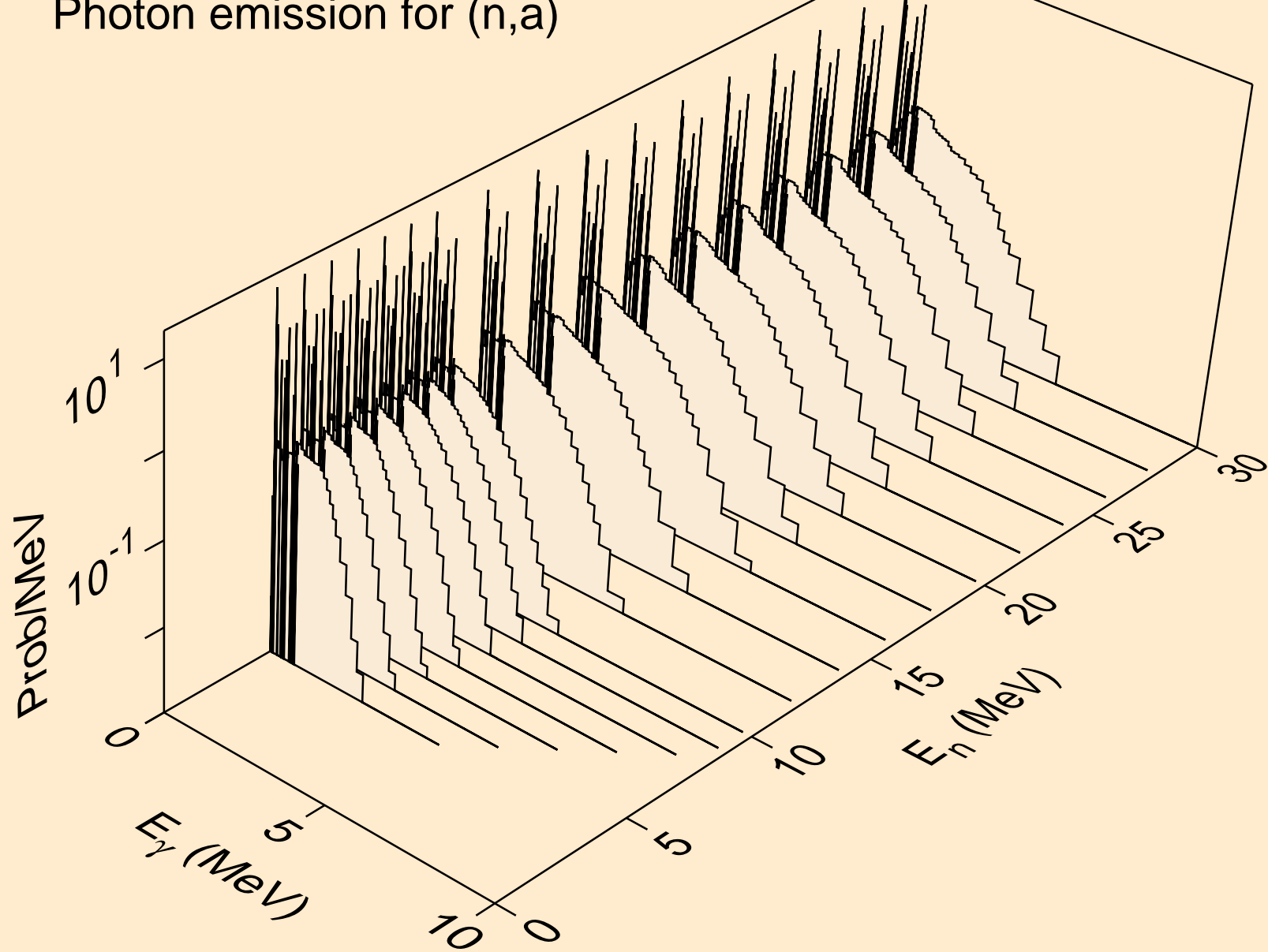
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



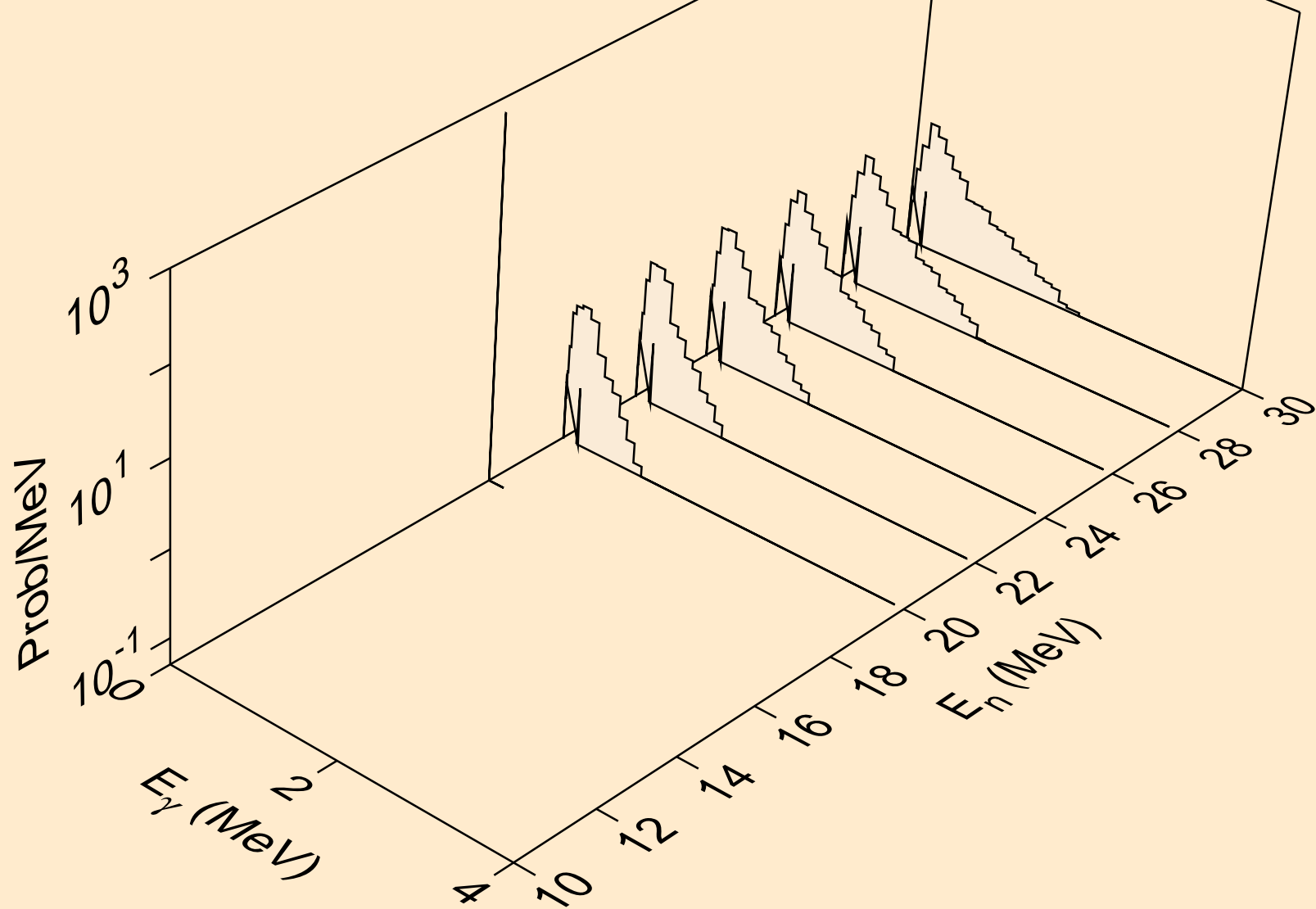
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

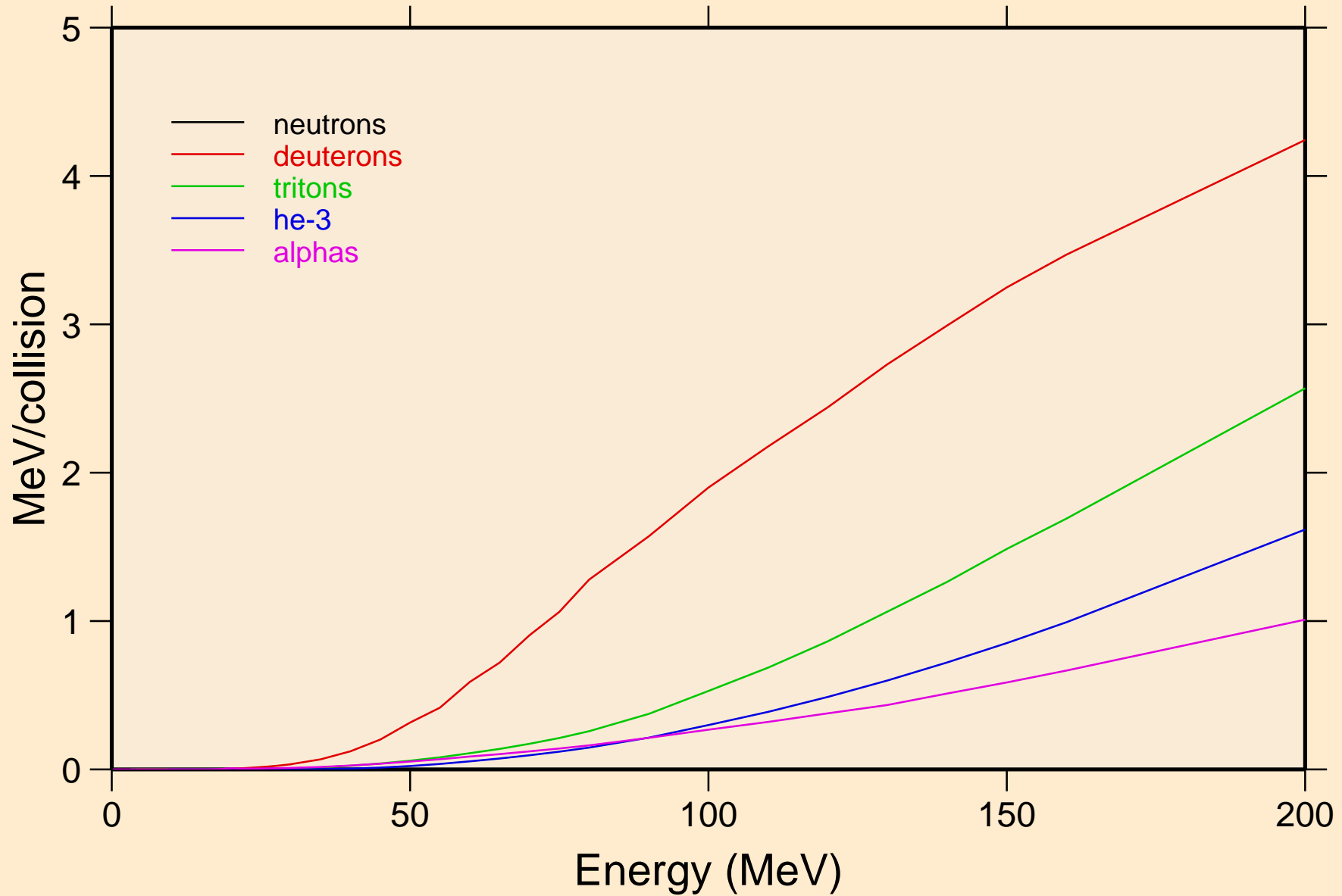


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



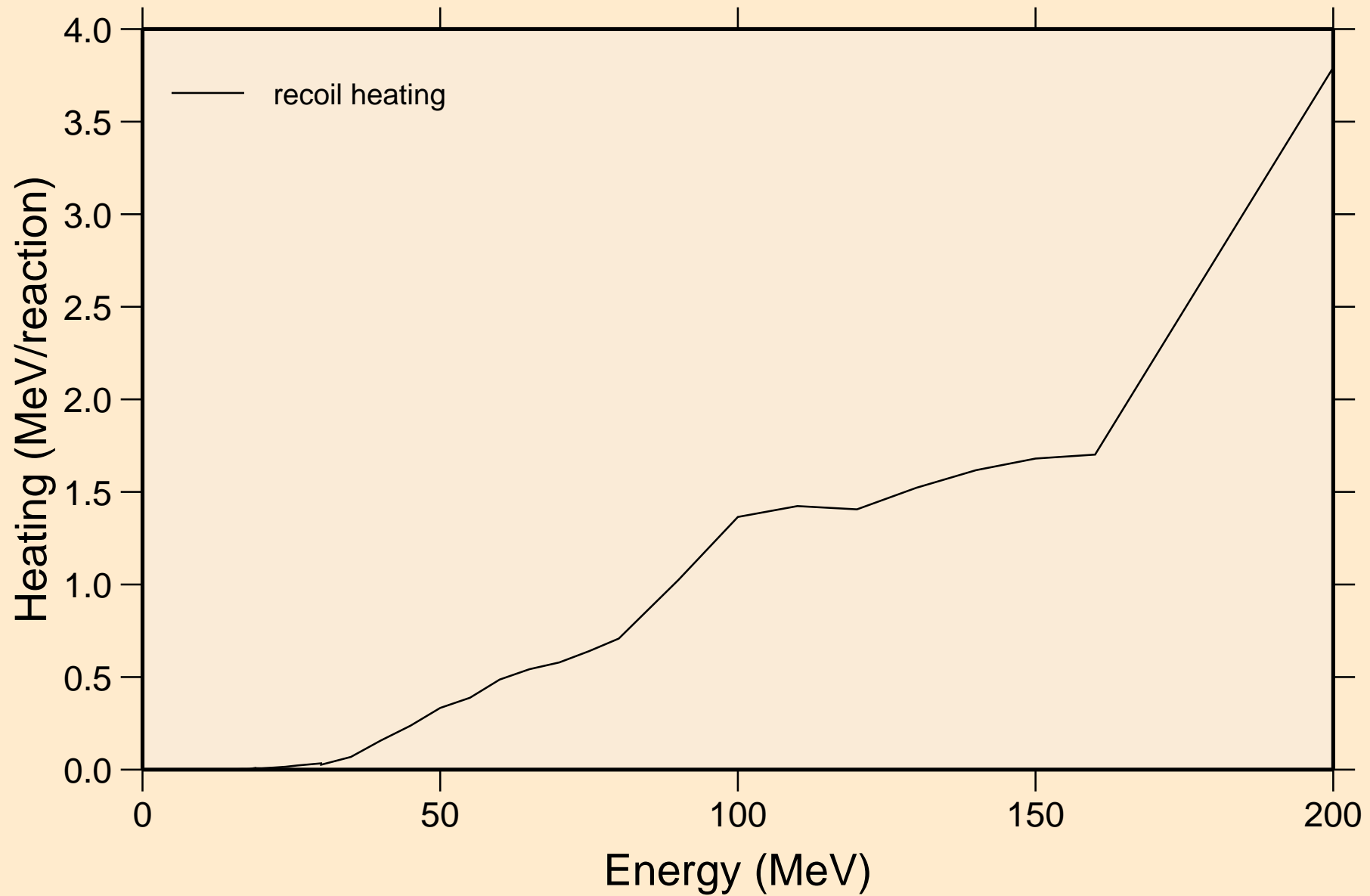


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

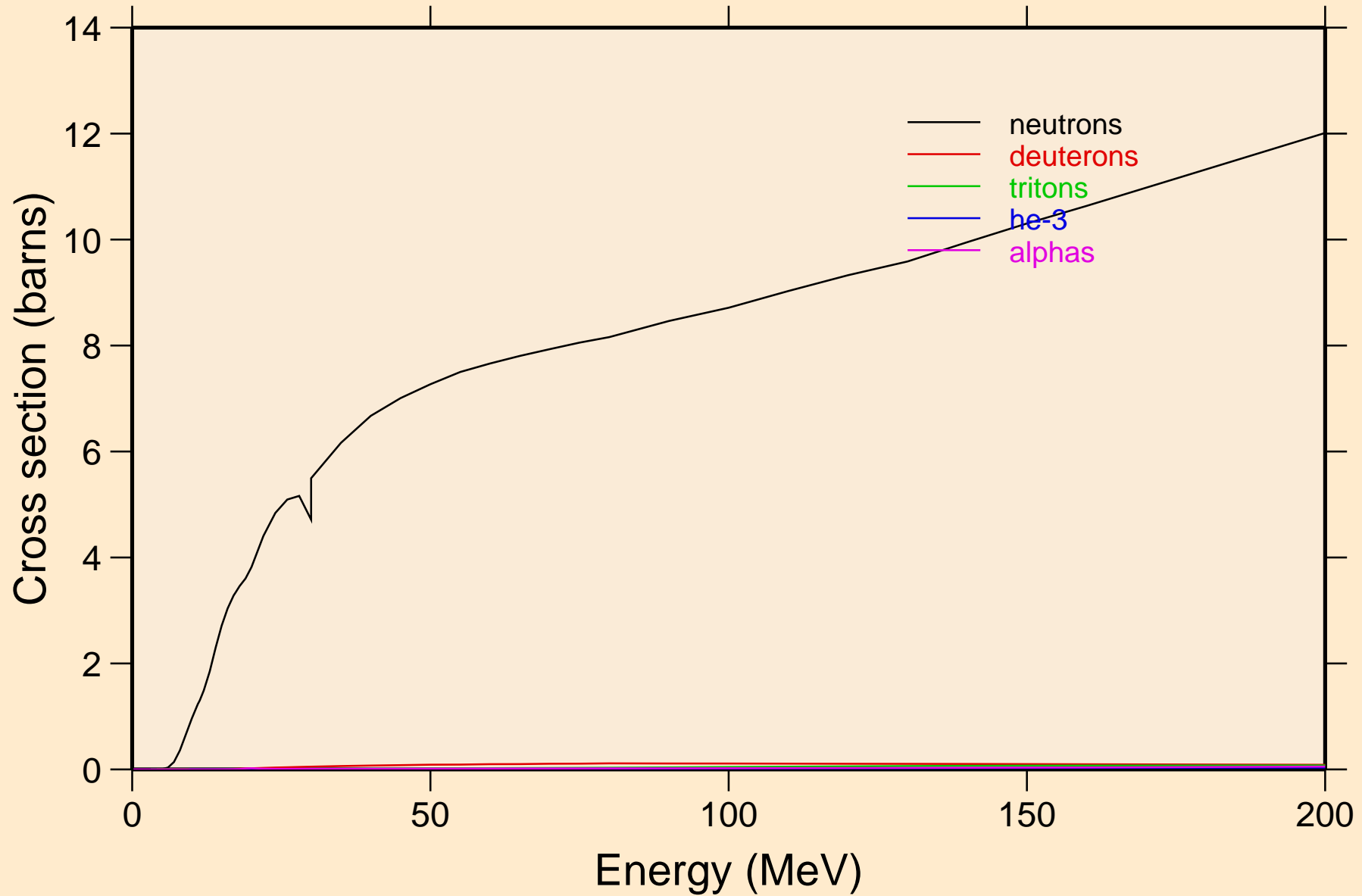


# ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K

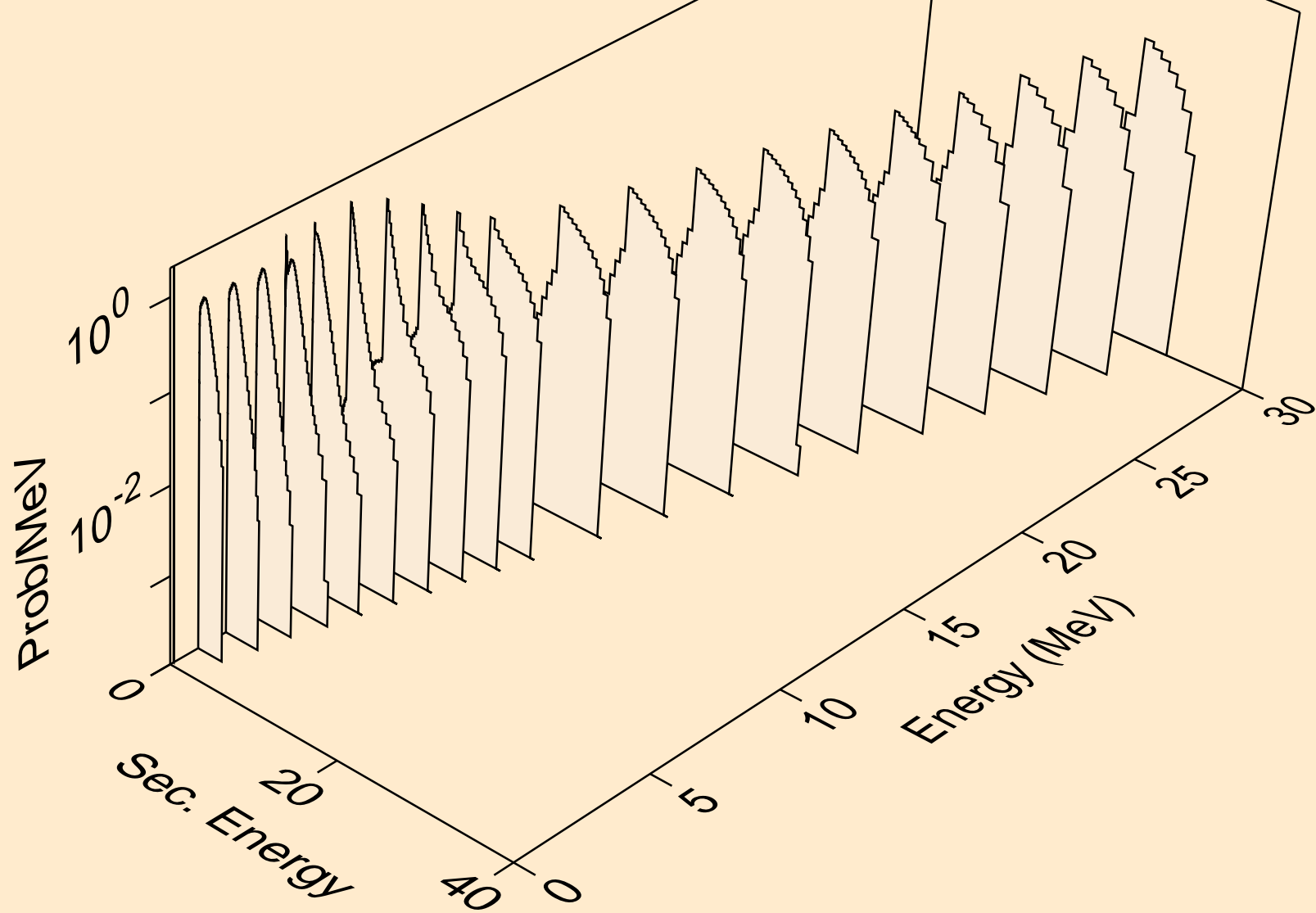
## Recoil Heating



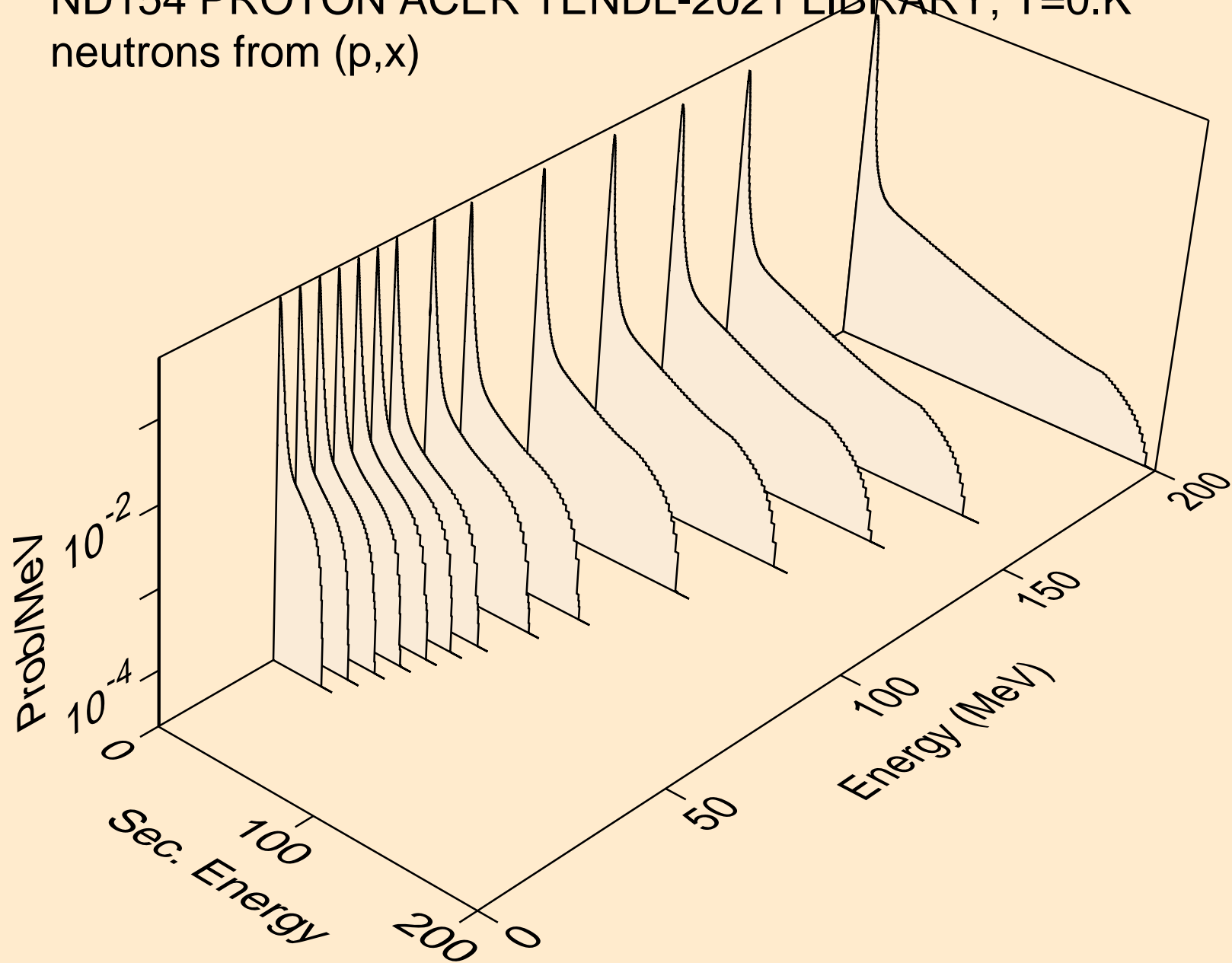
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



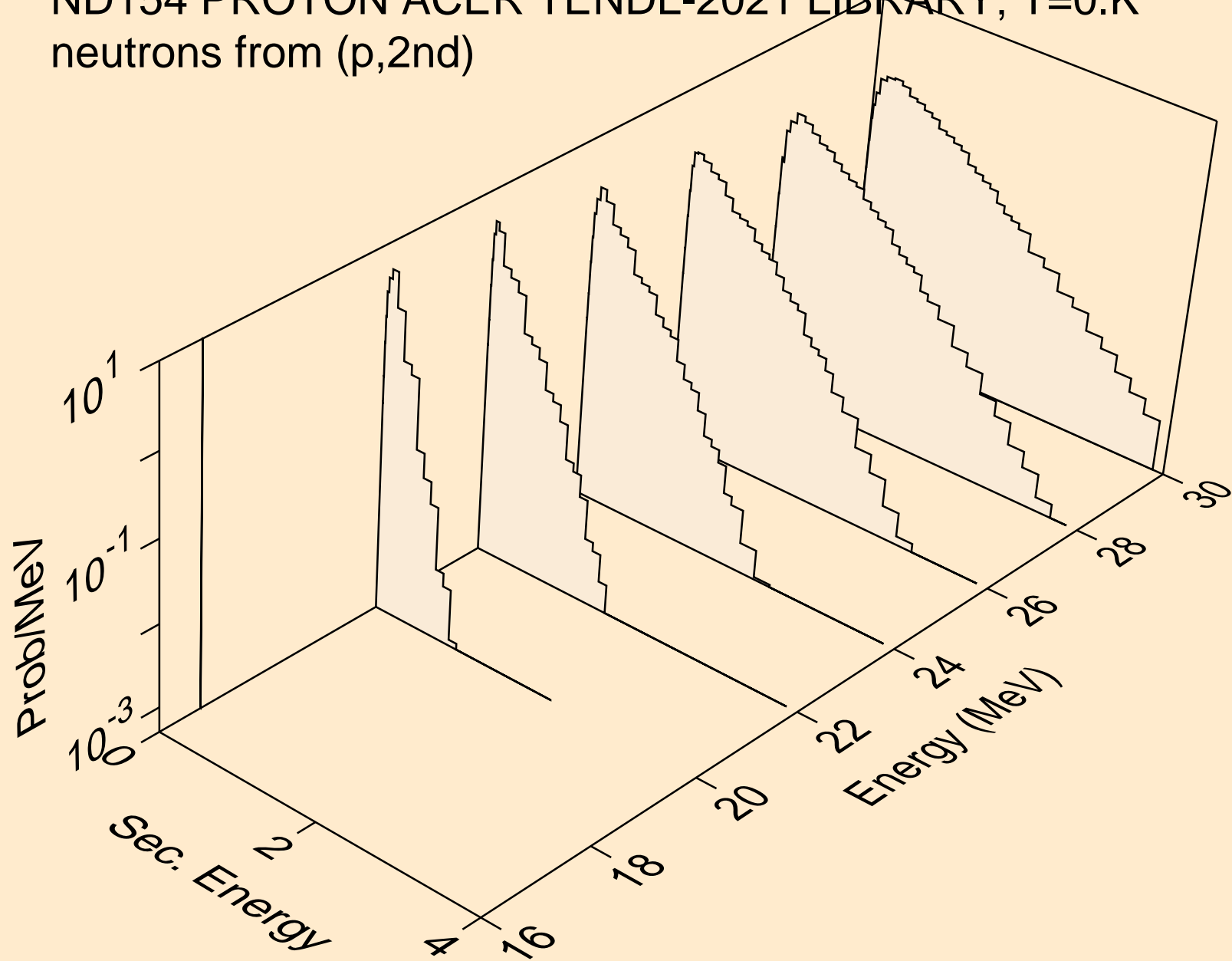
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



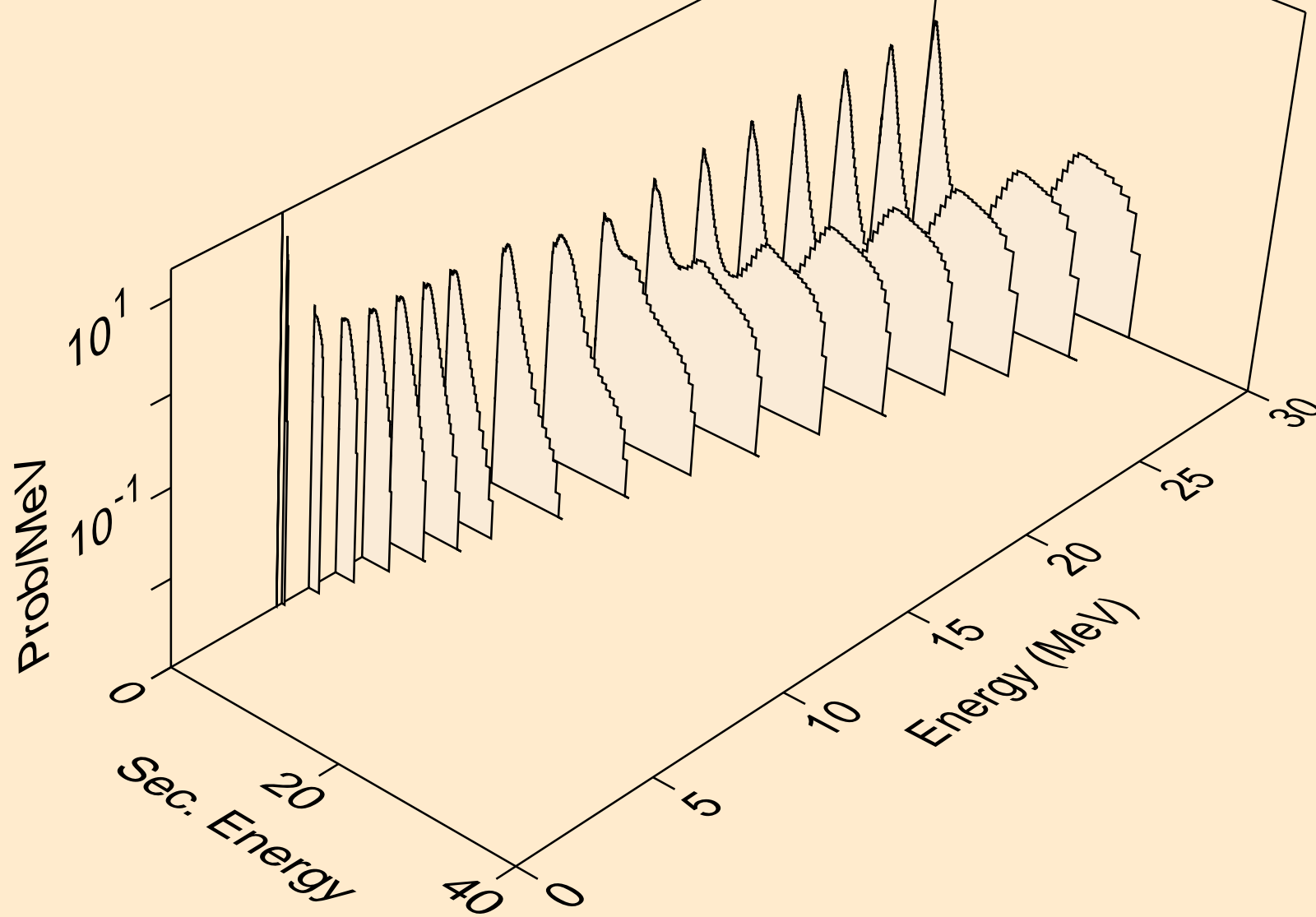
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



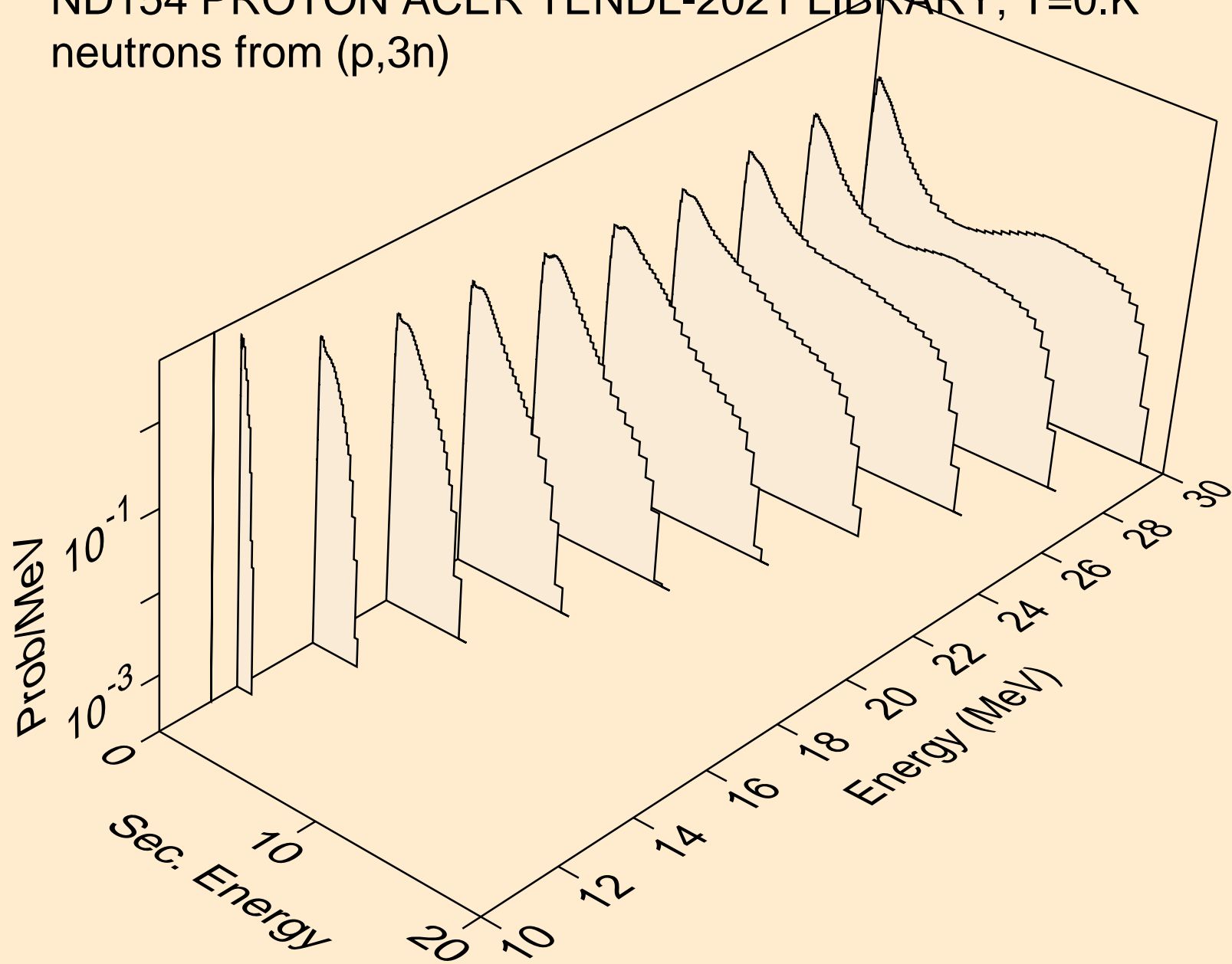
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

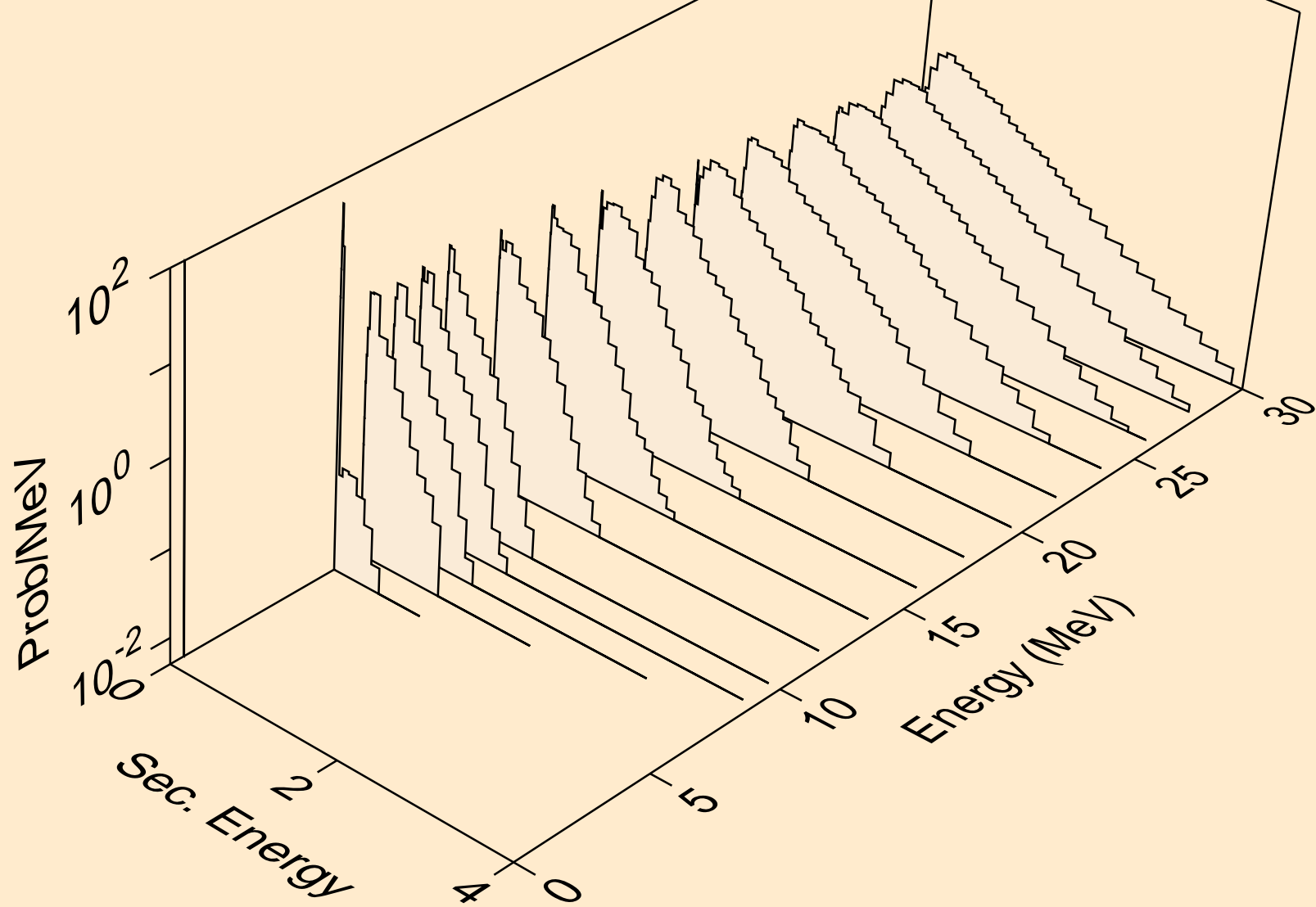


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)

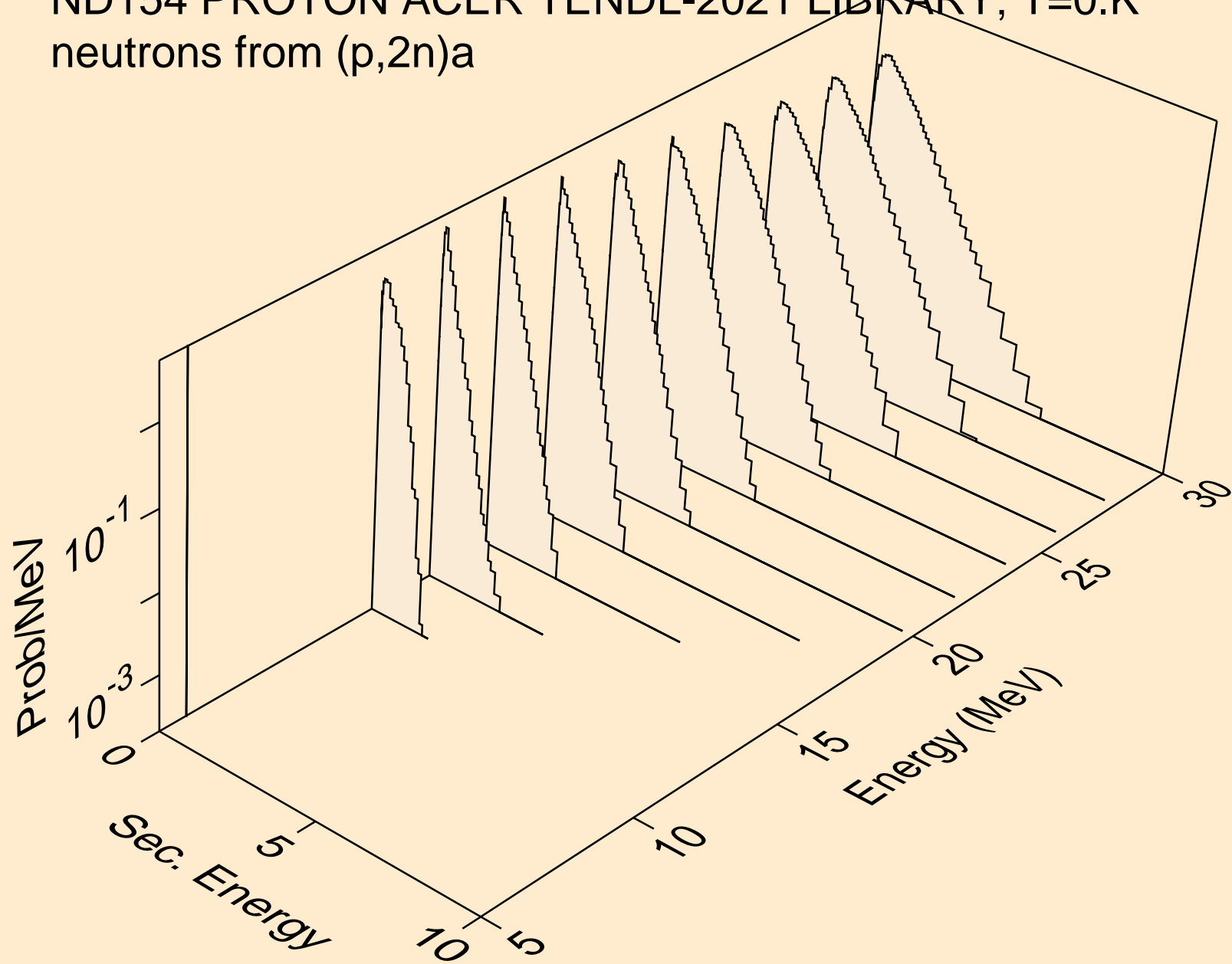




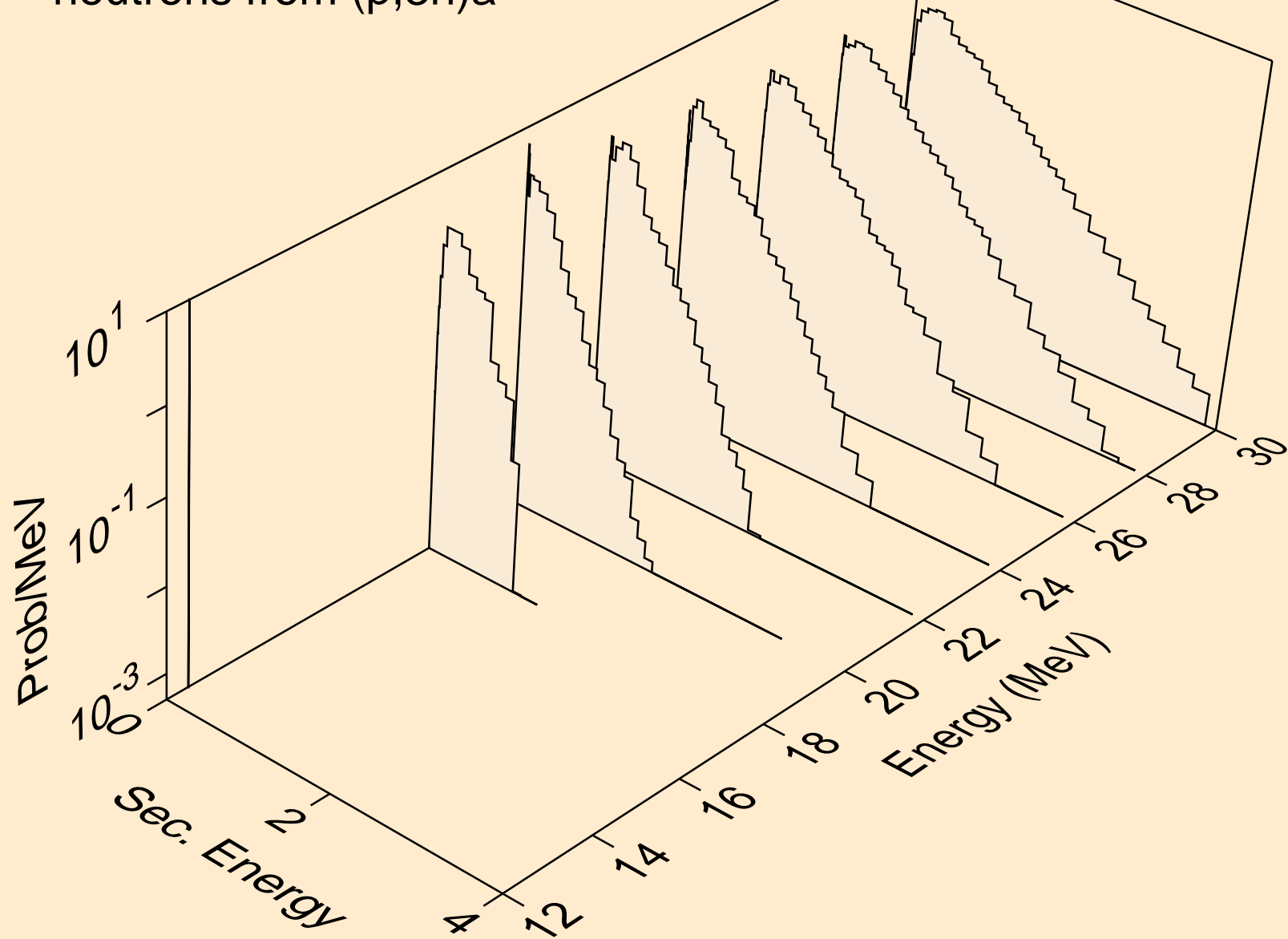
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



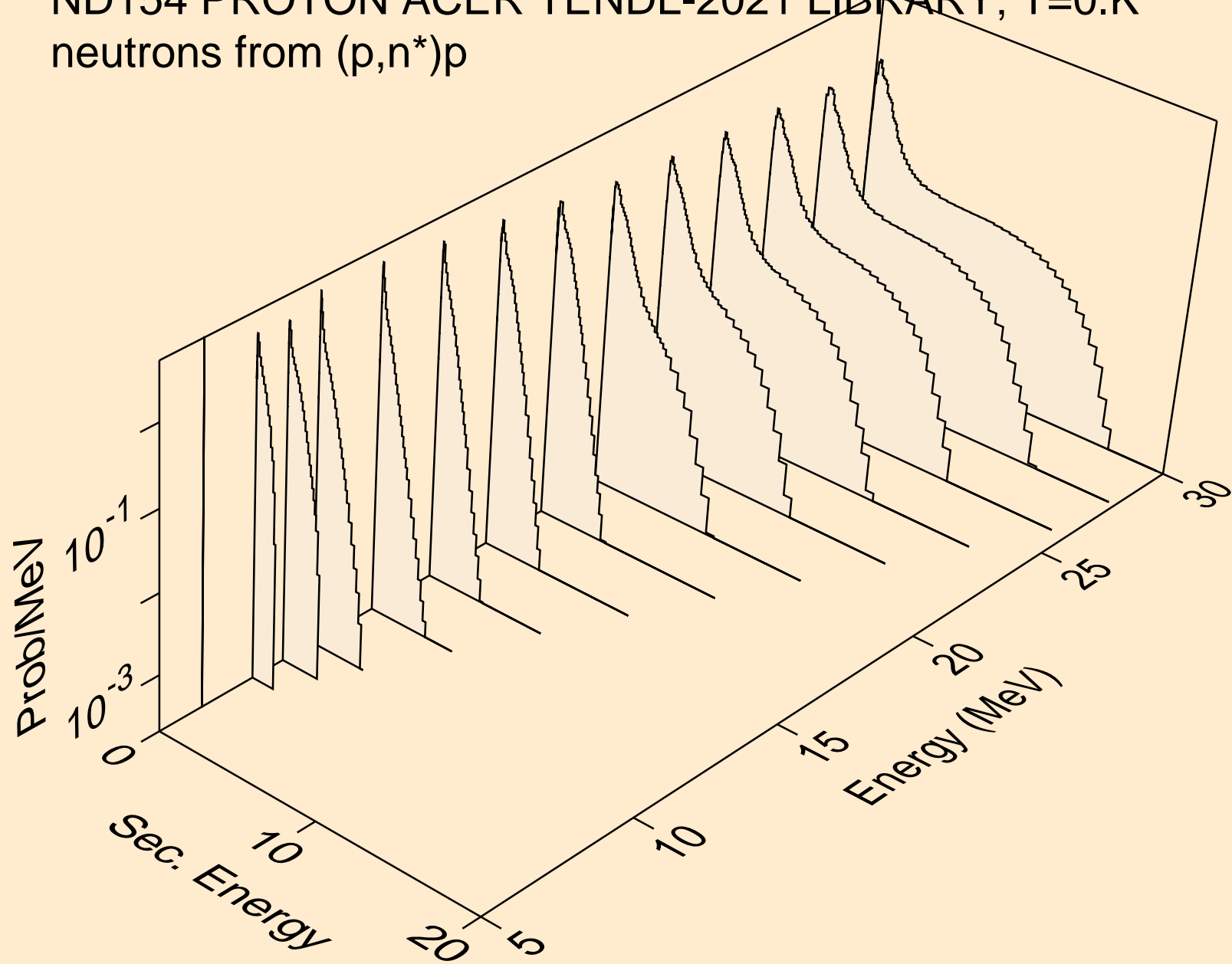
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



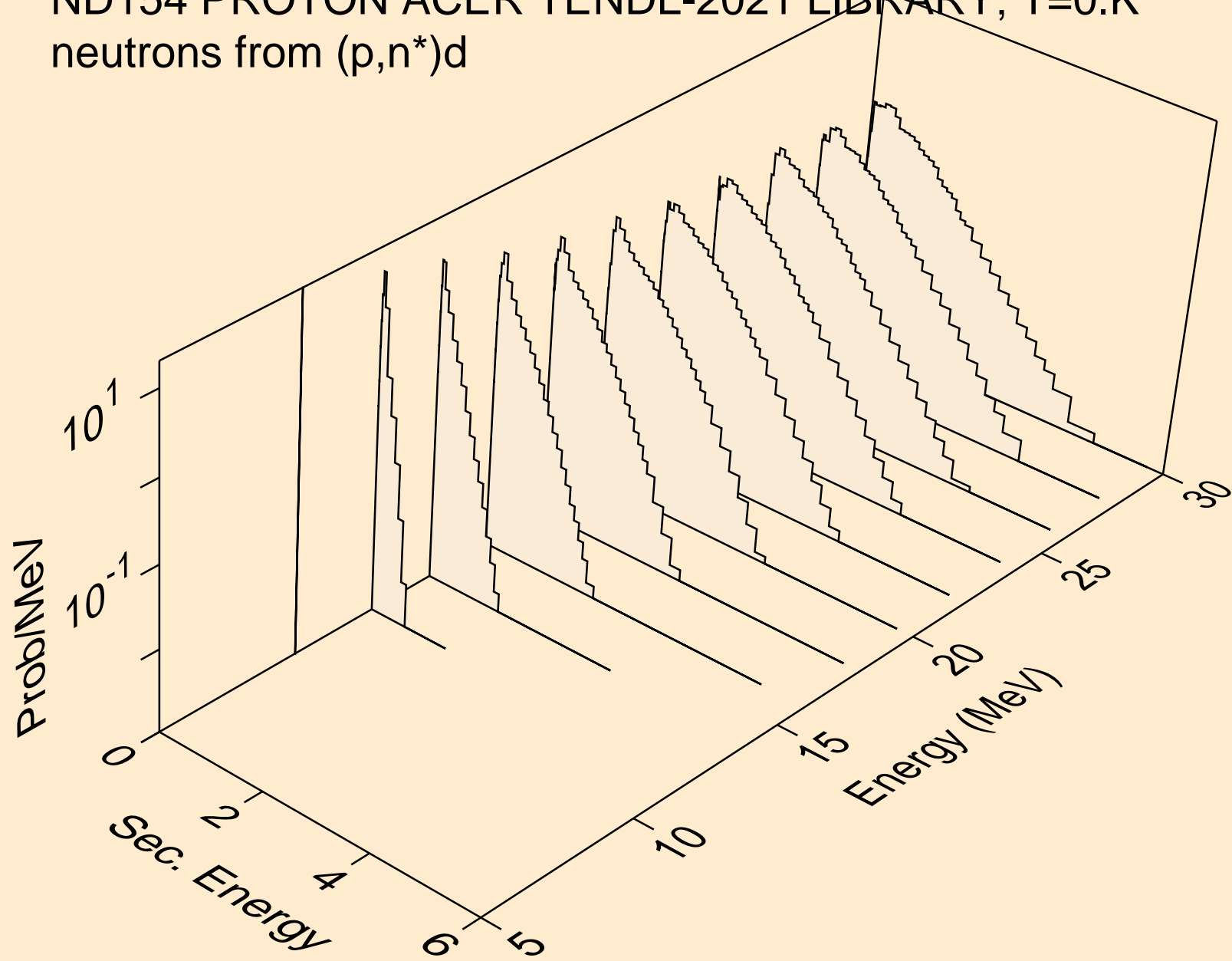
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



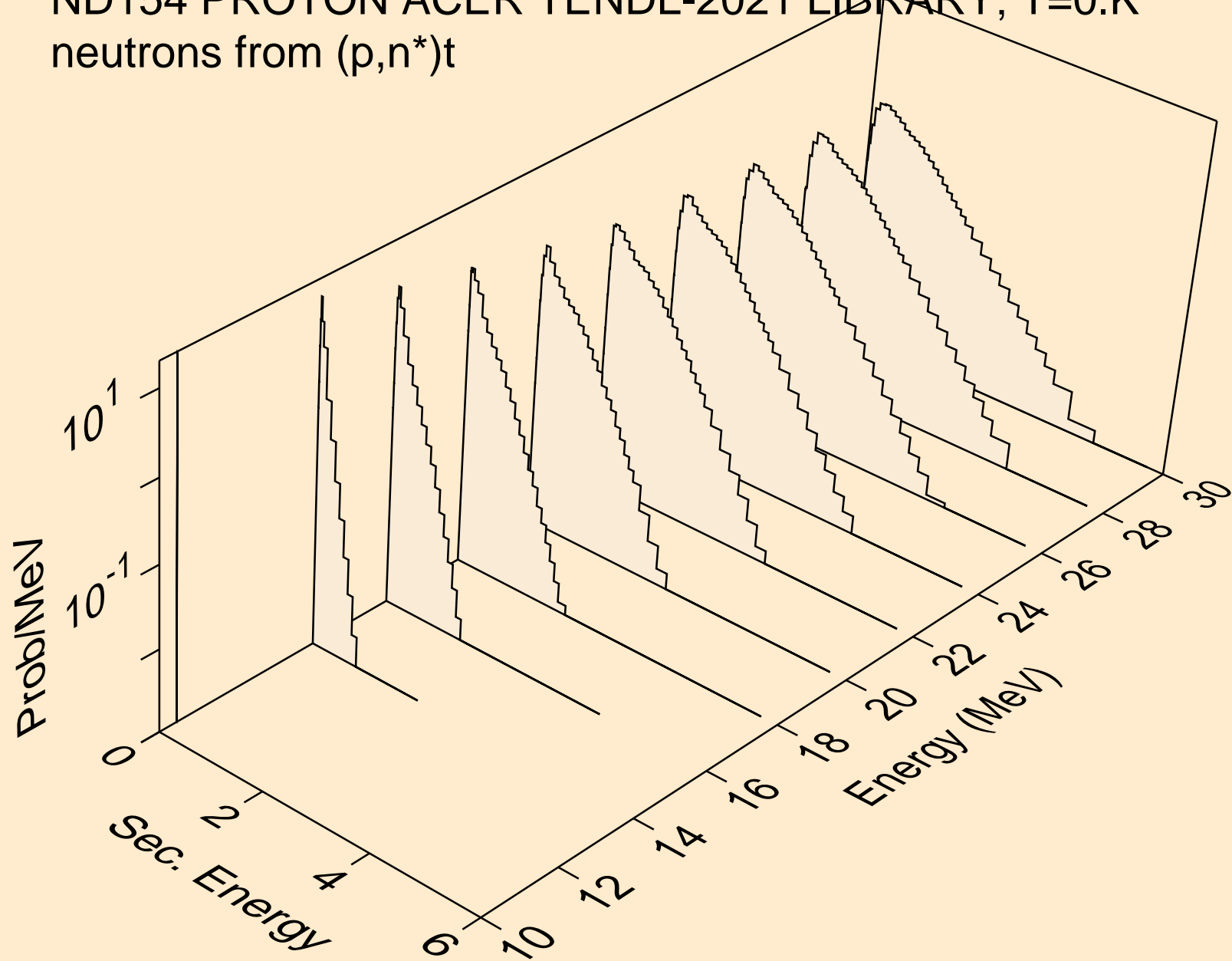
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



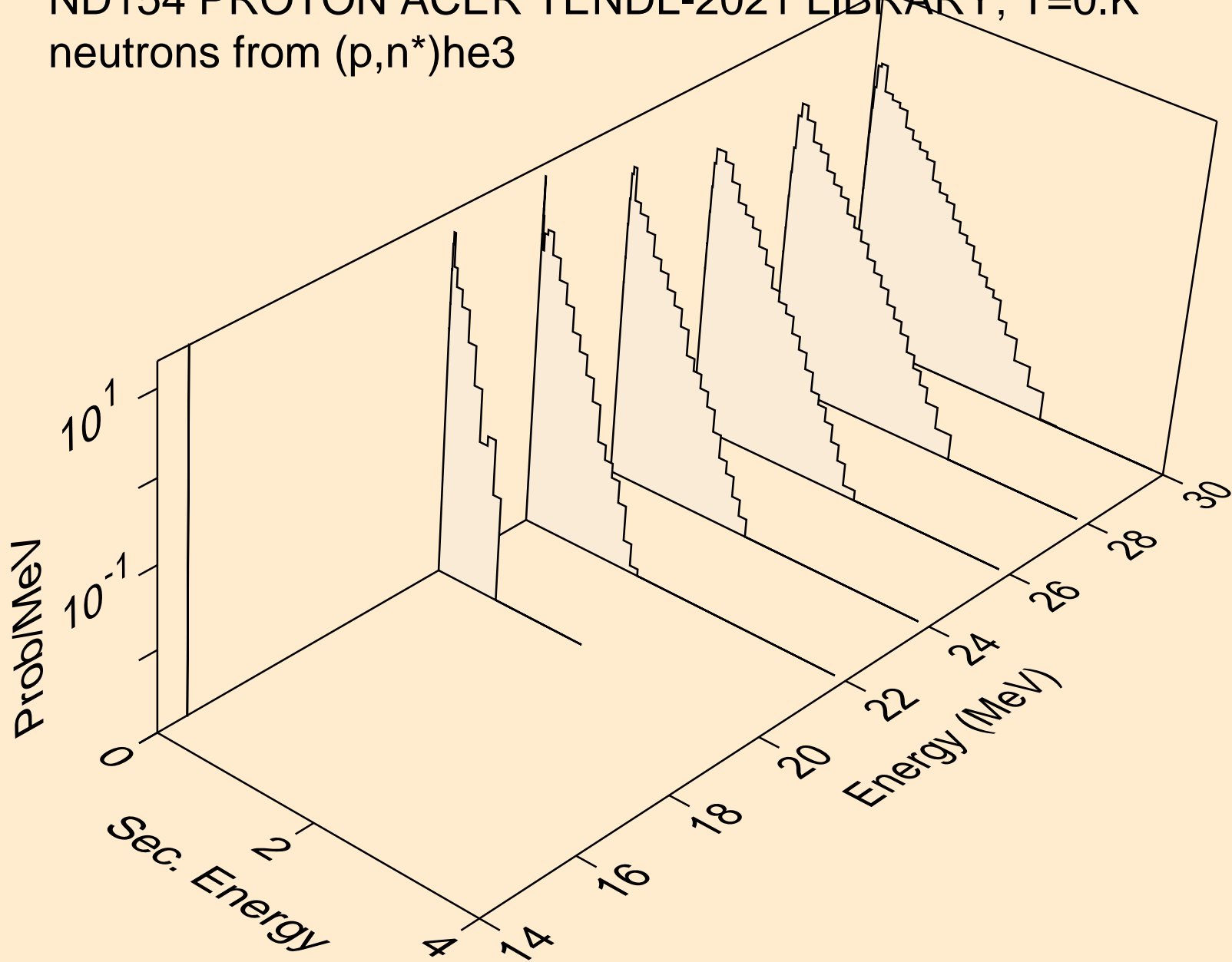
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



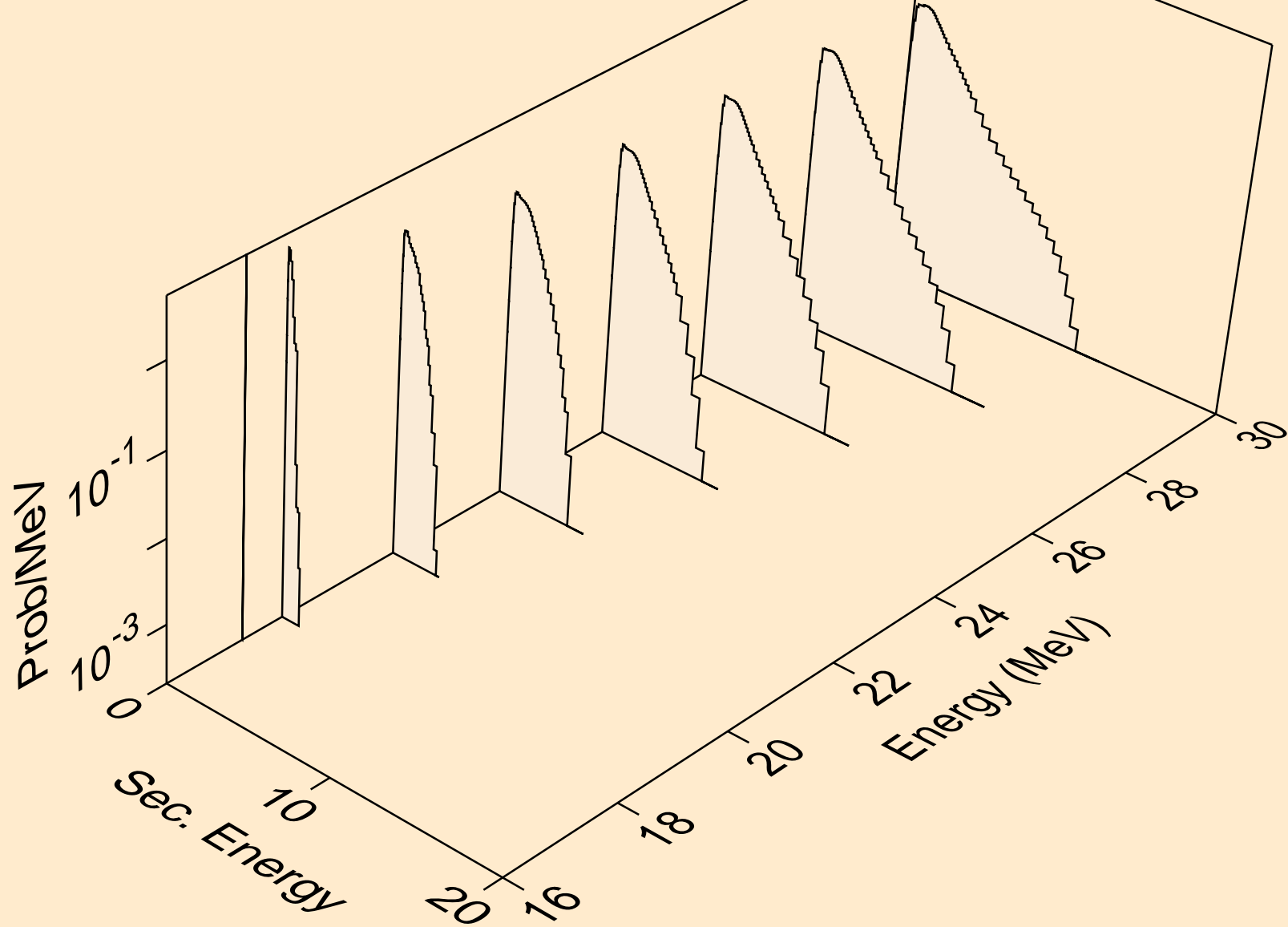
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

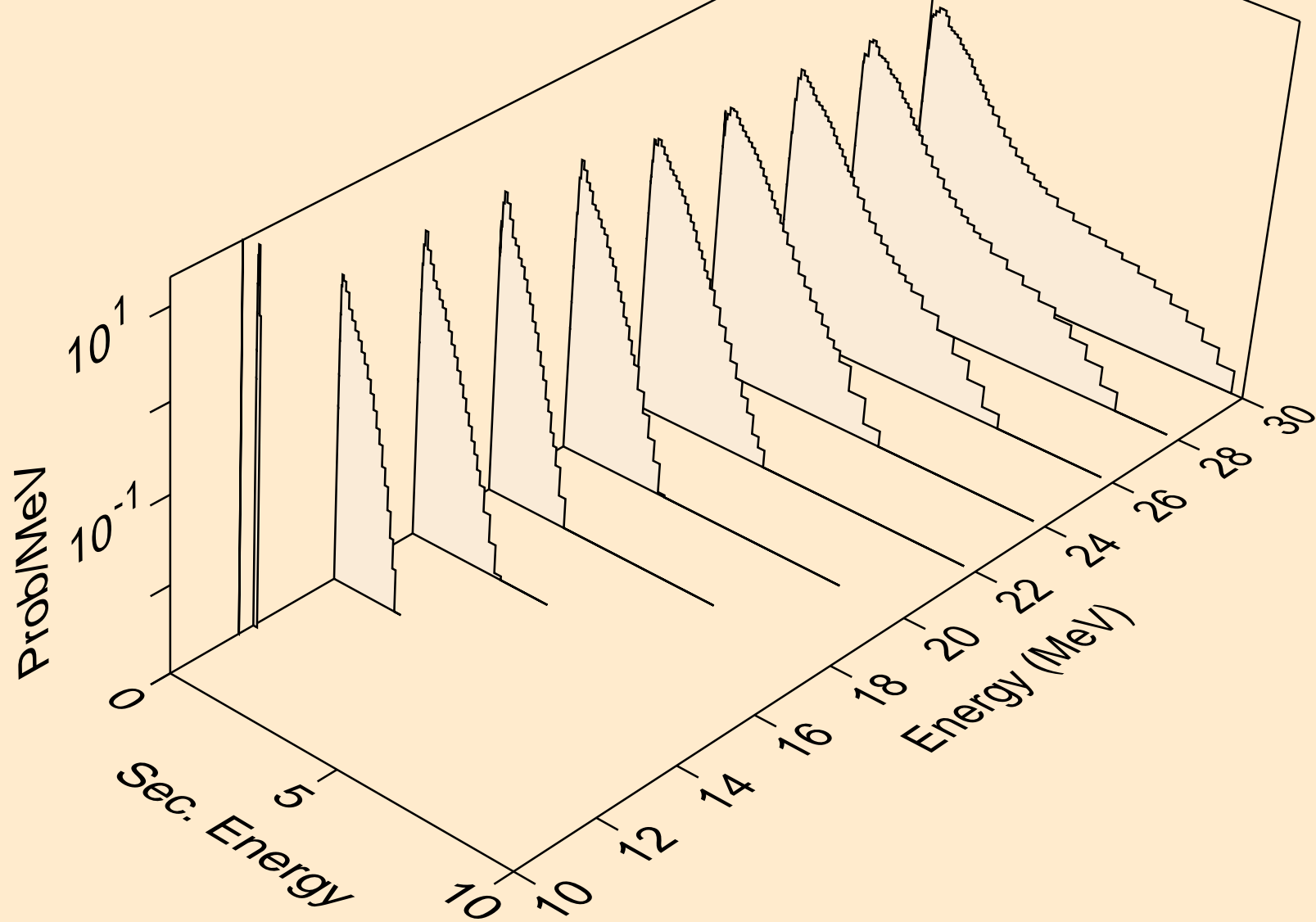


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)

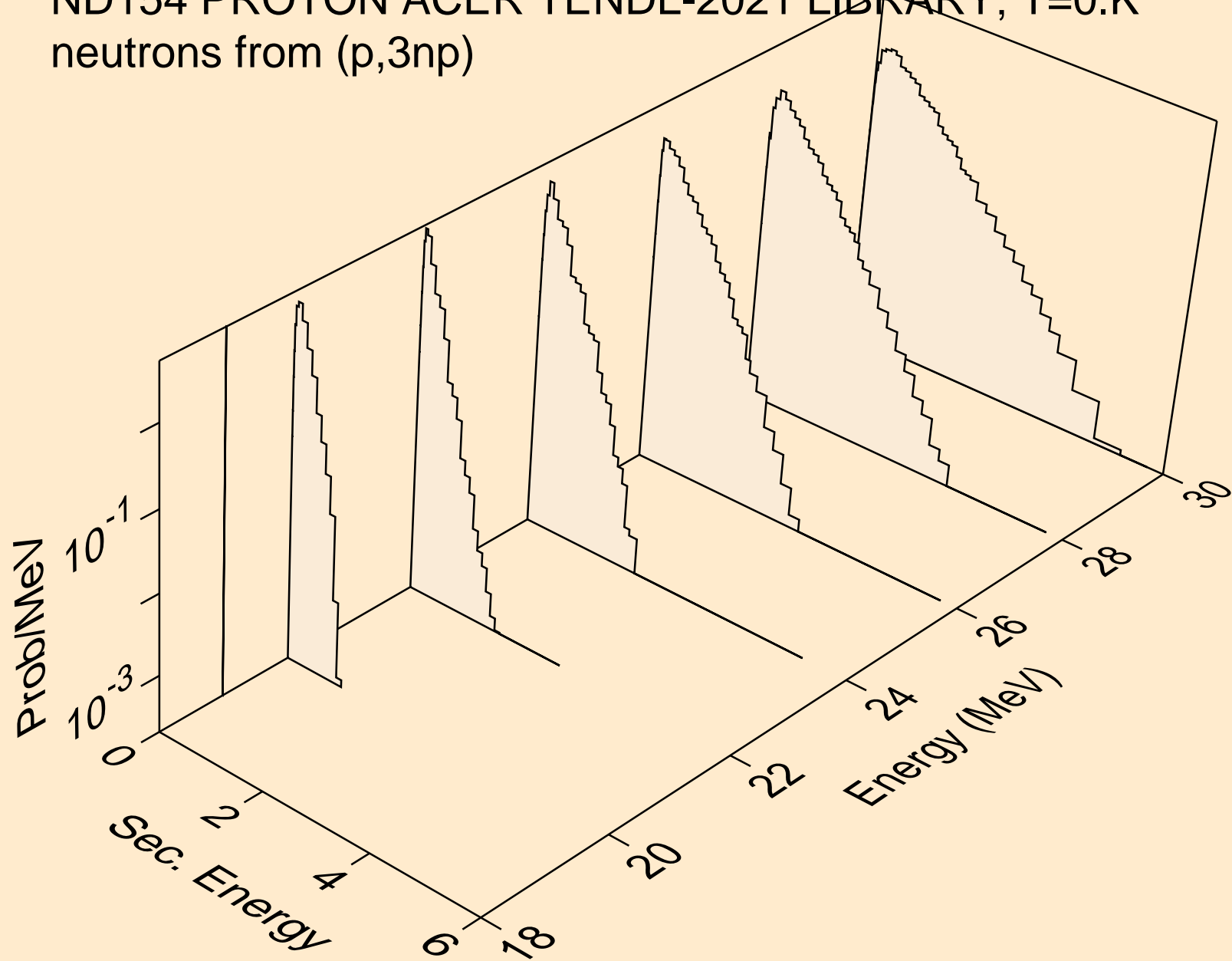




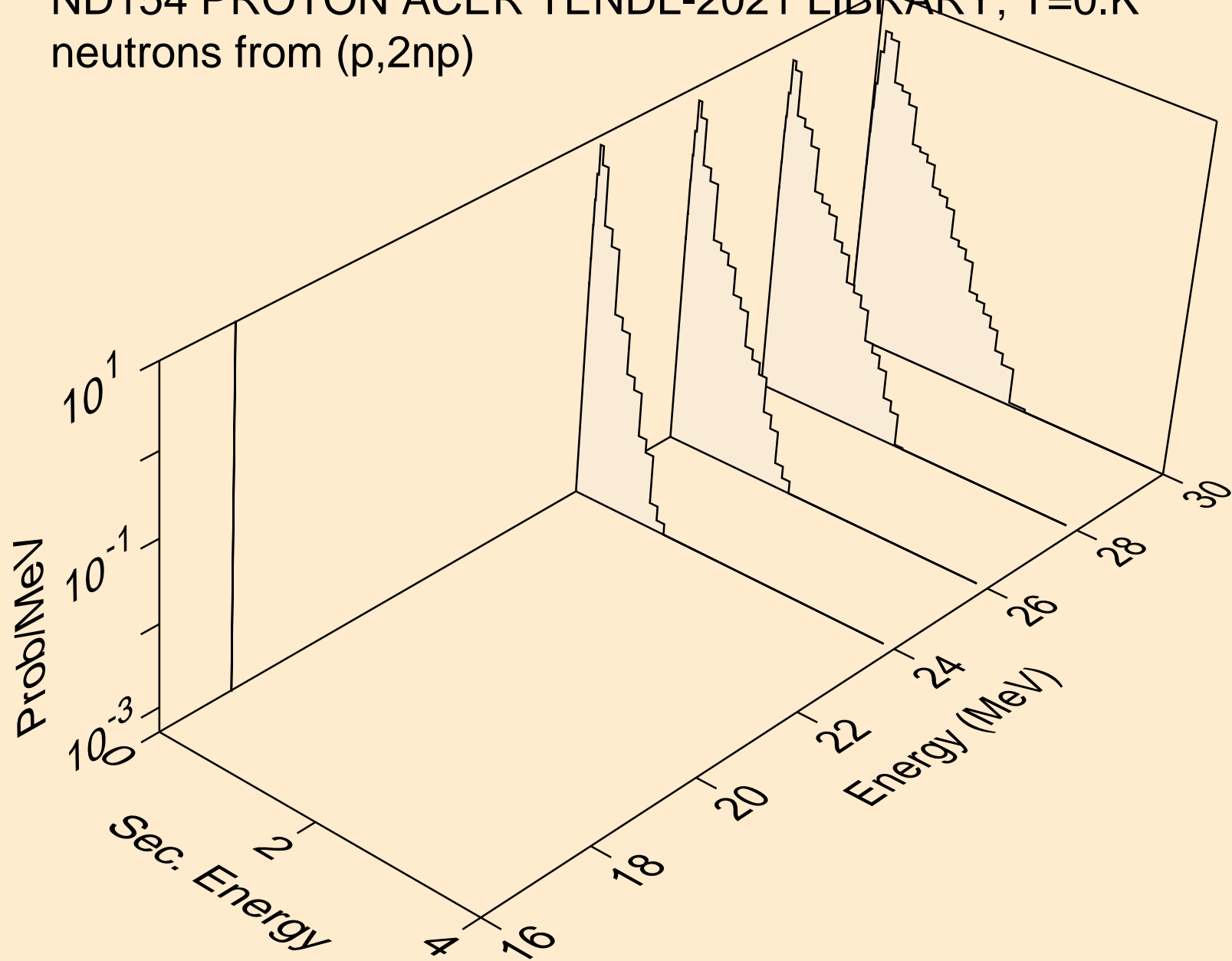
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



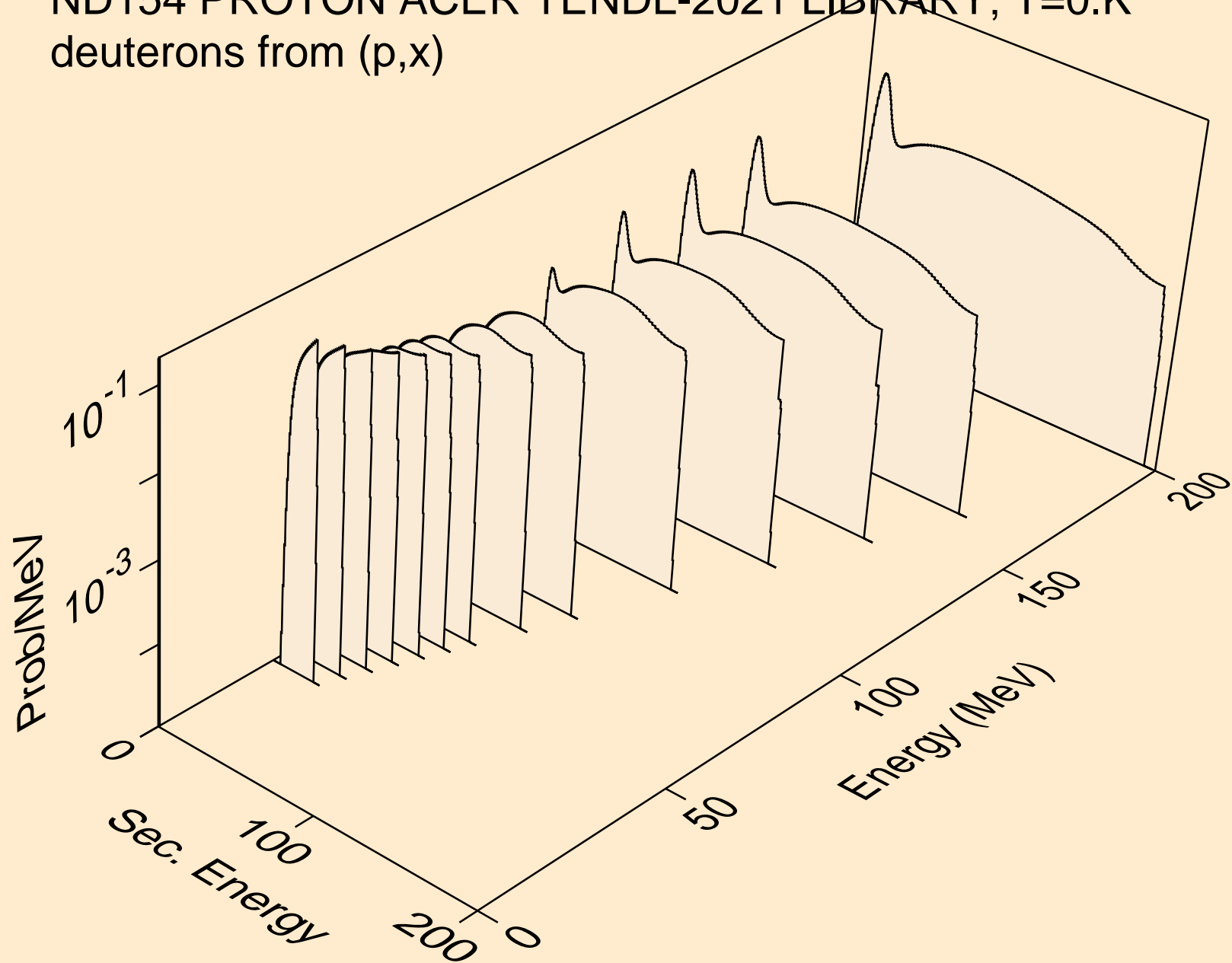
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



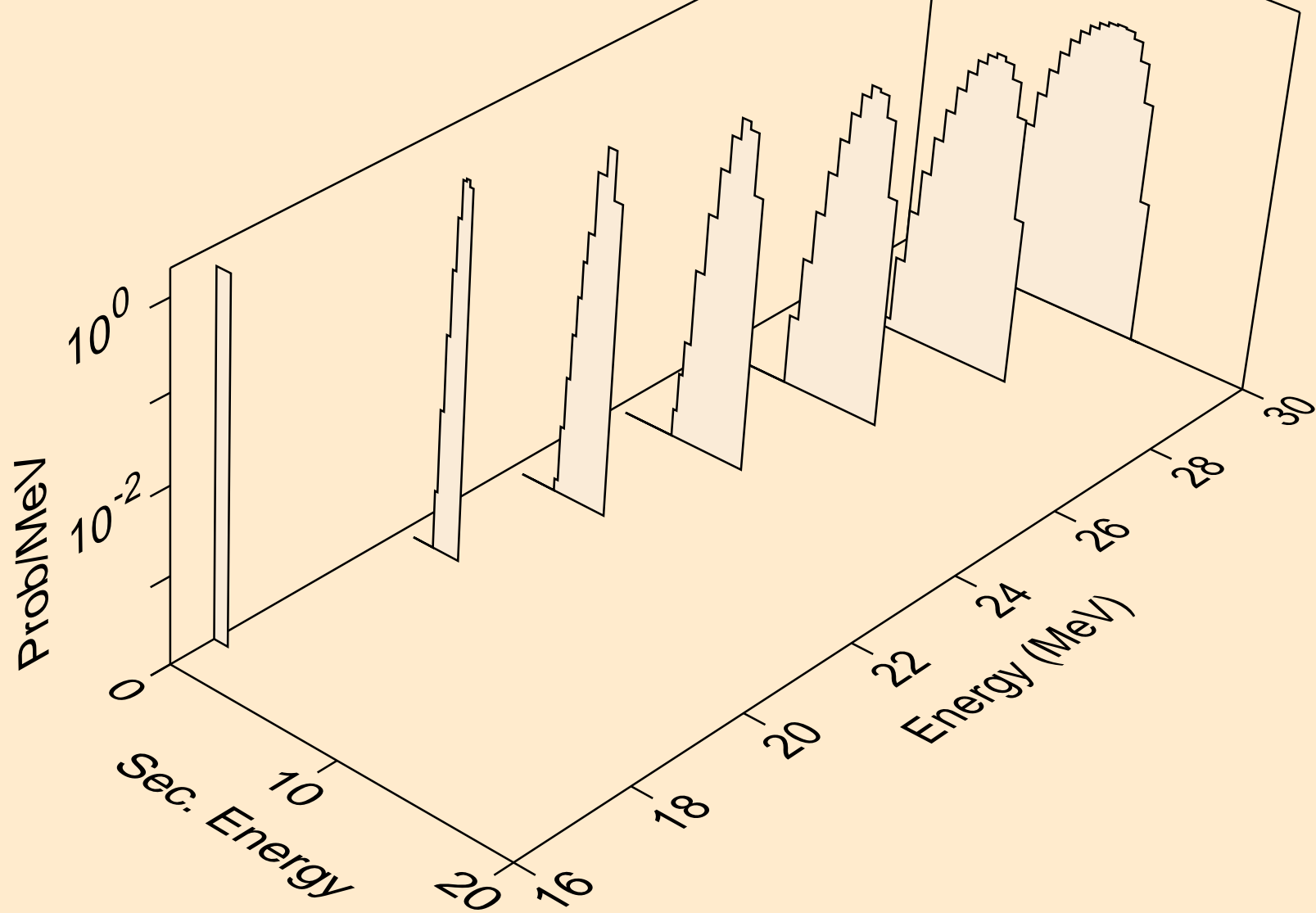
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neutrons from (p,2np)



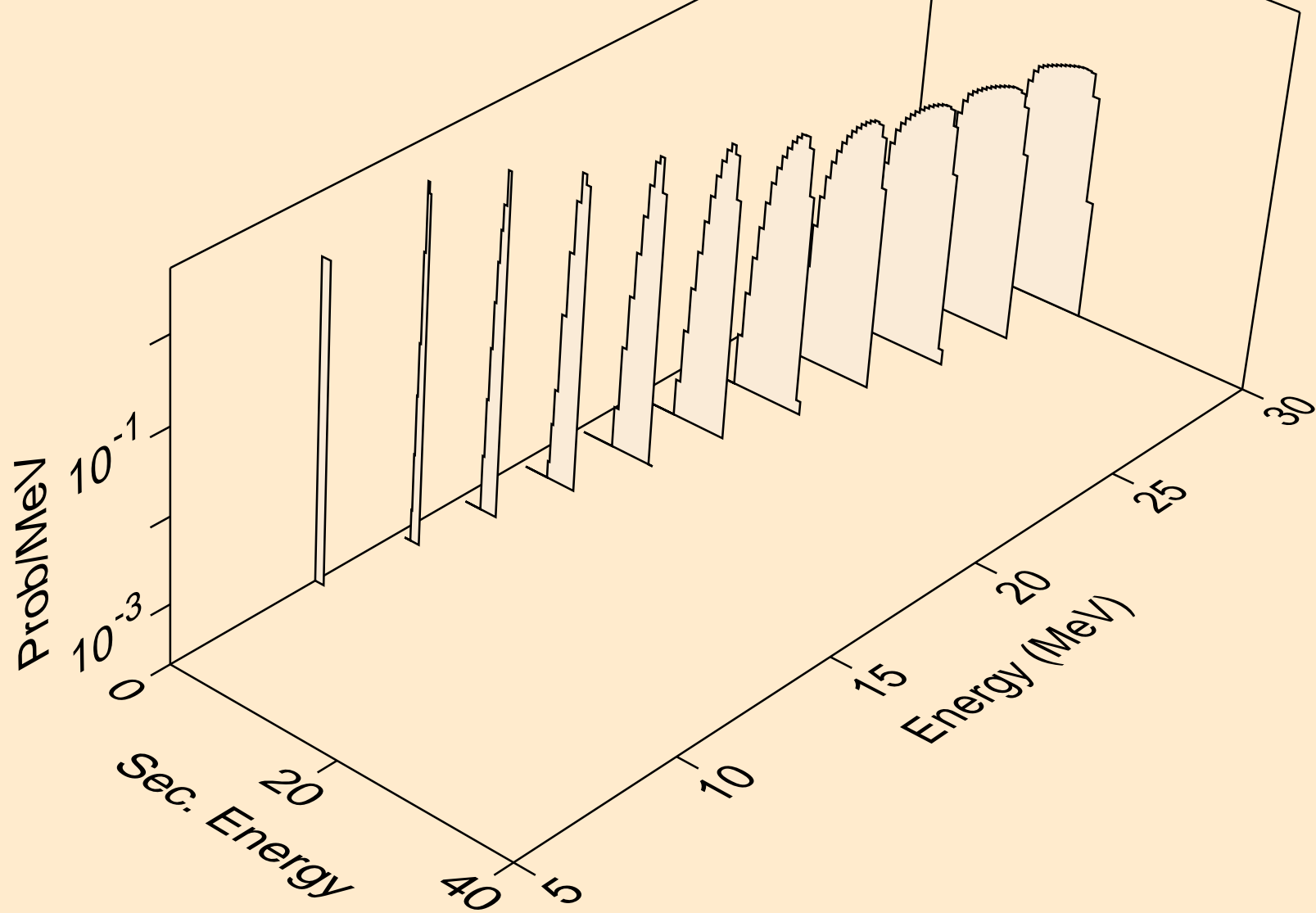
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deuterons from (p,x)



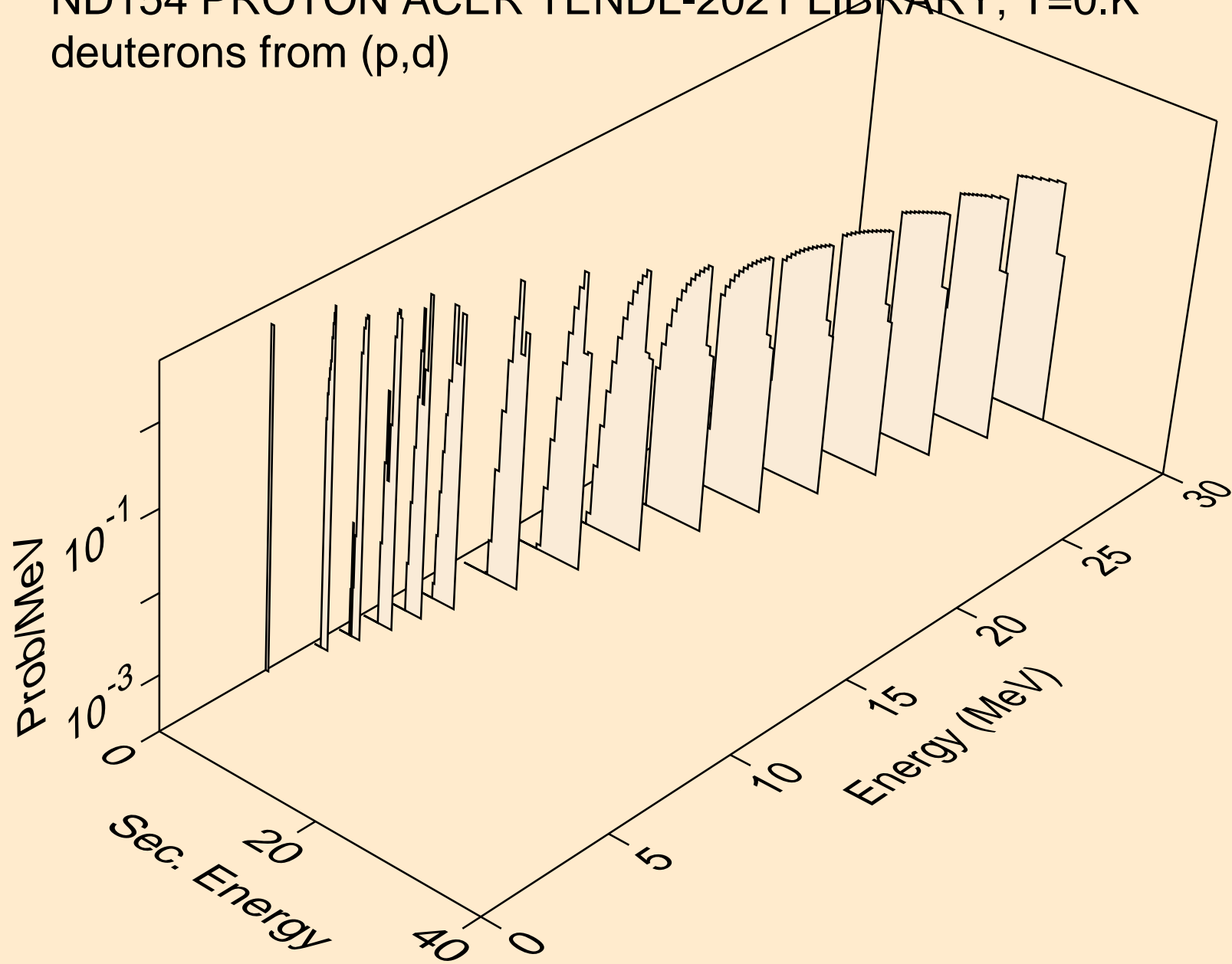
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



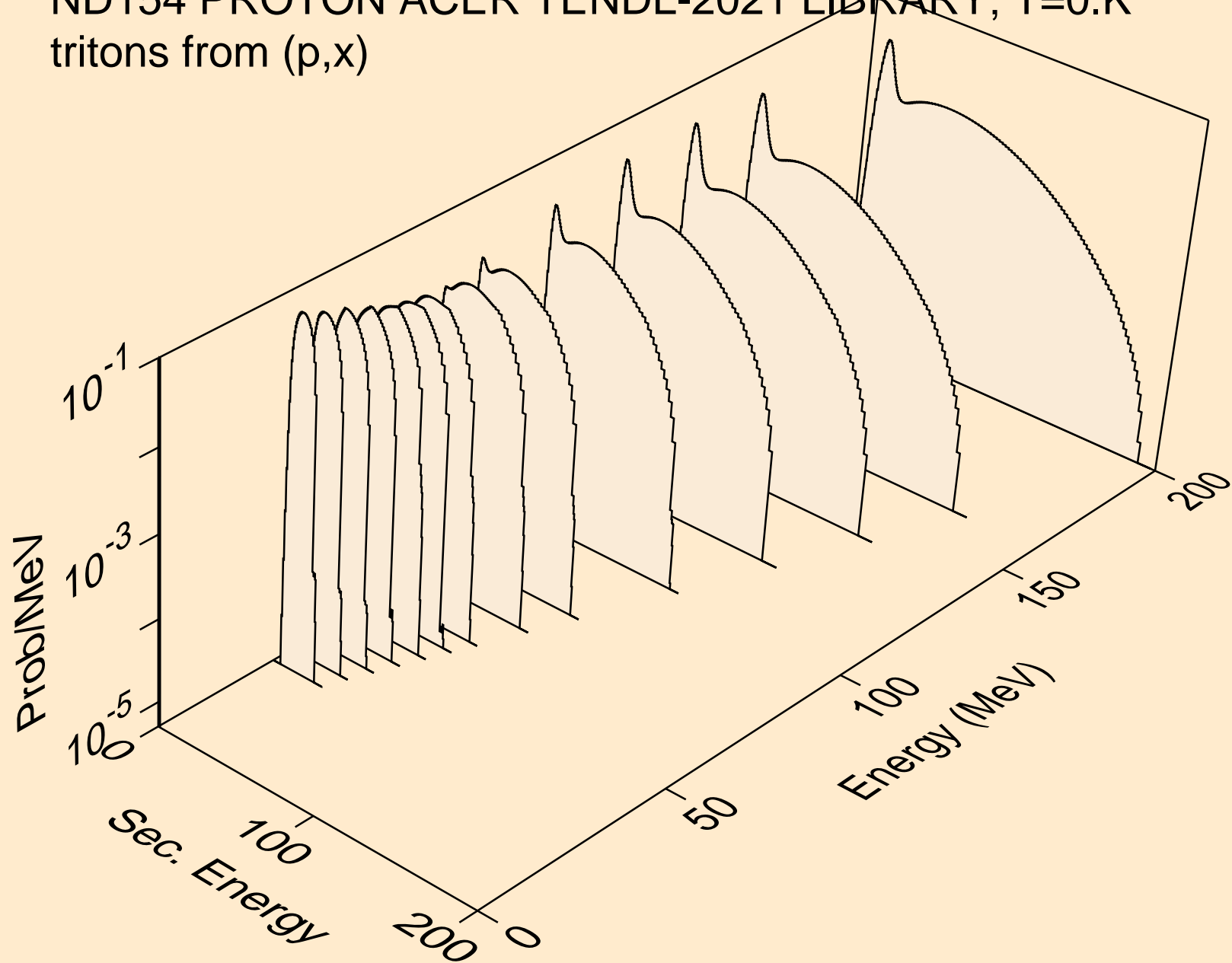
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)

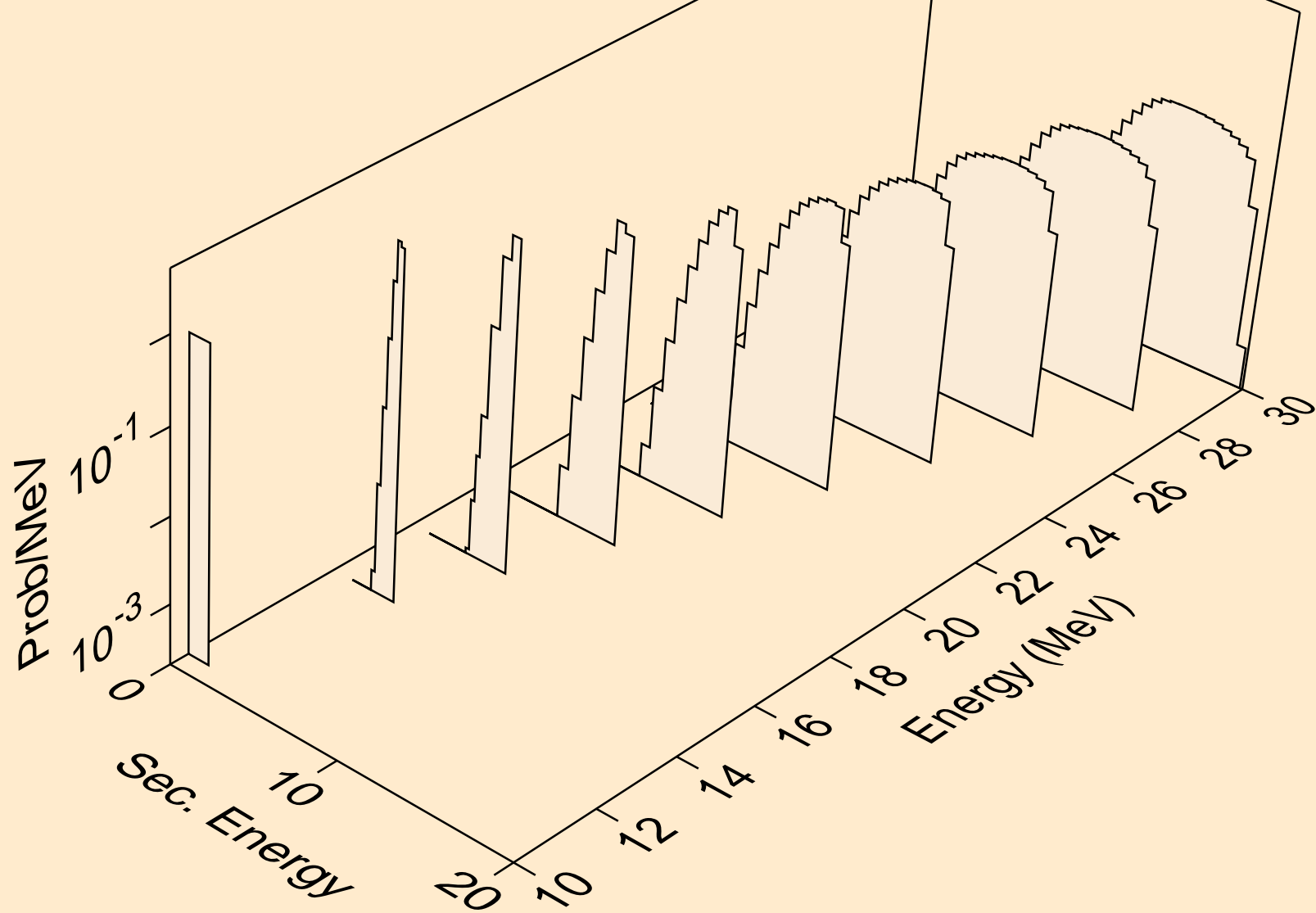


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

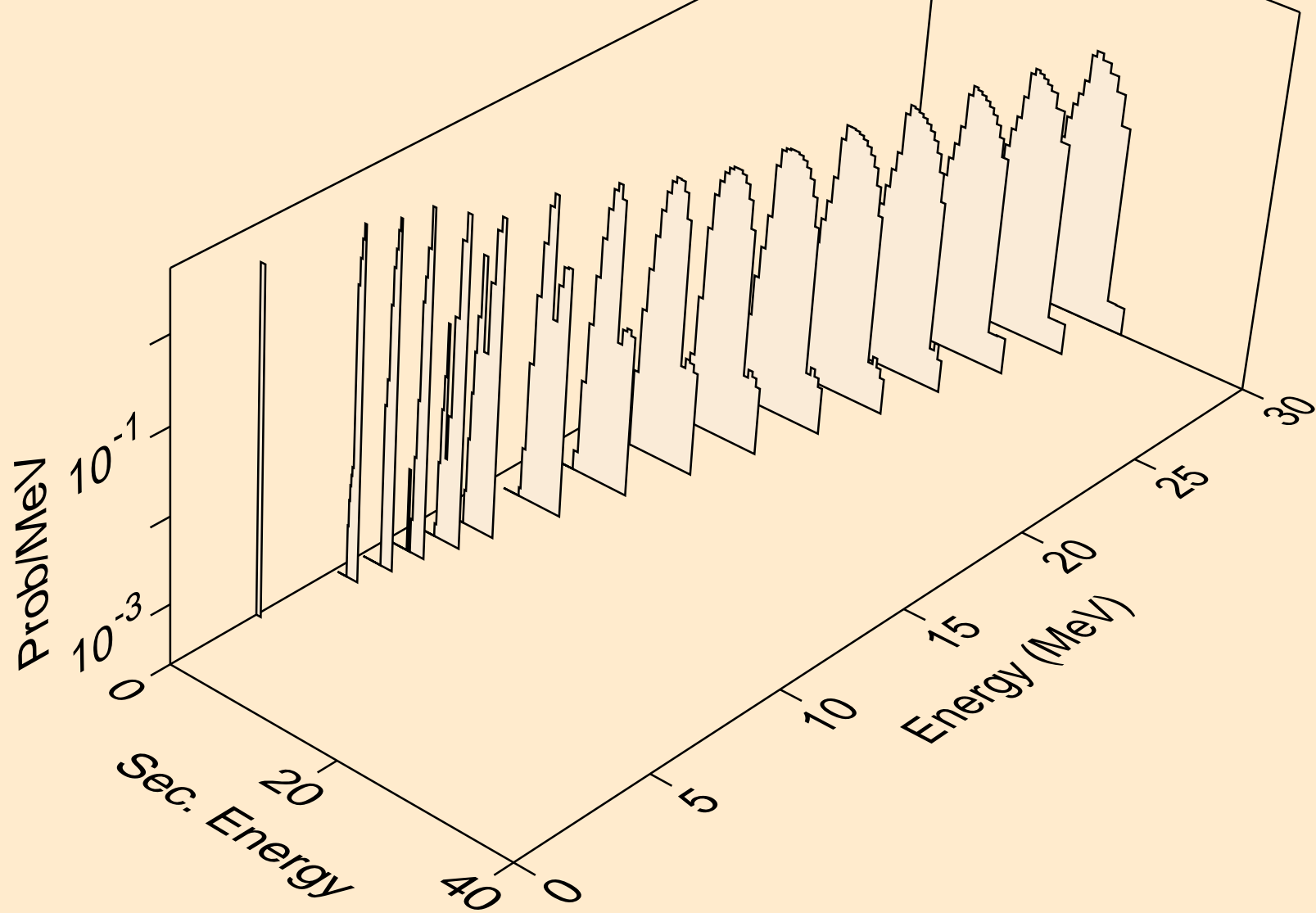




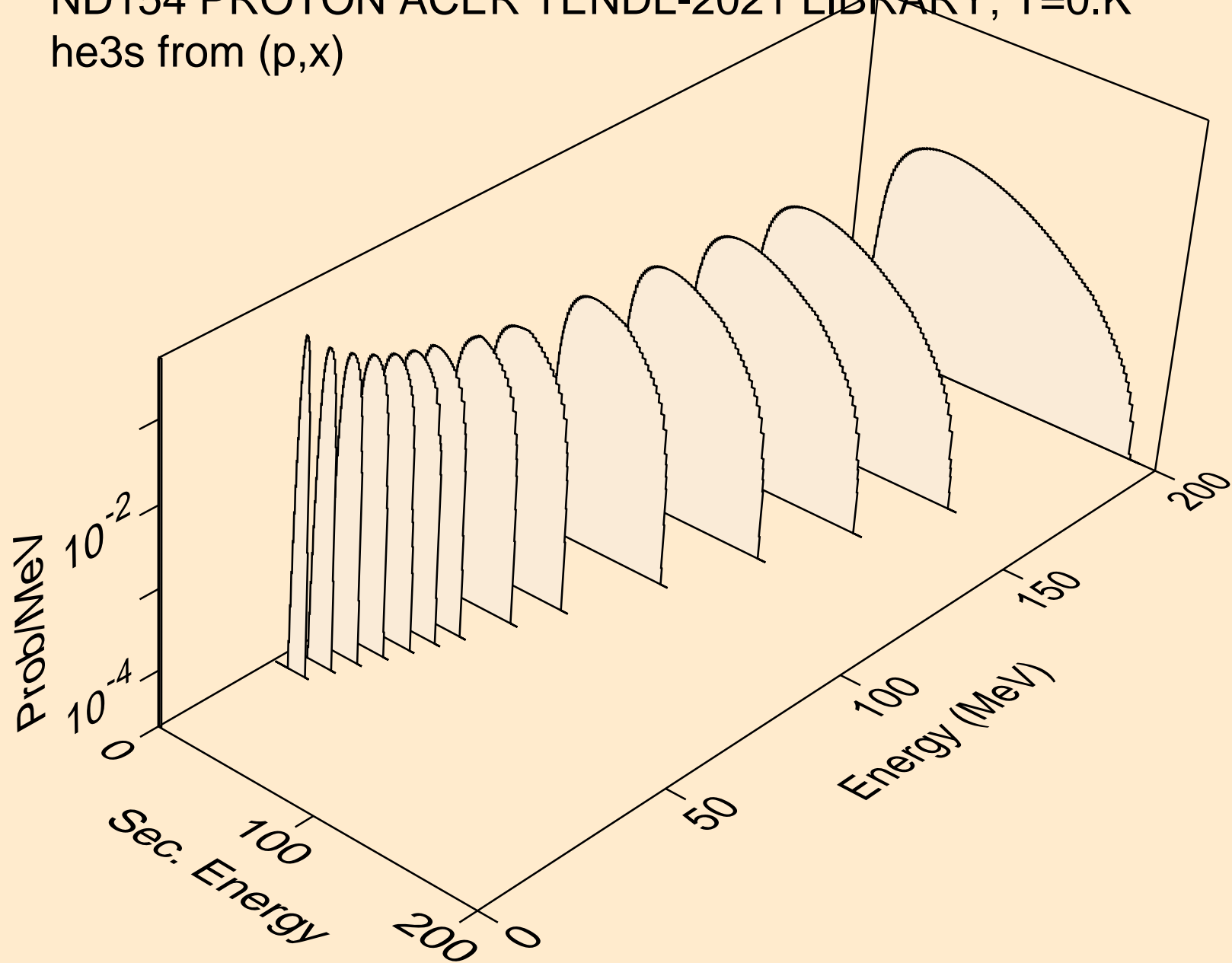
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



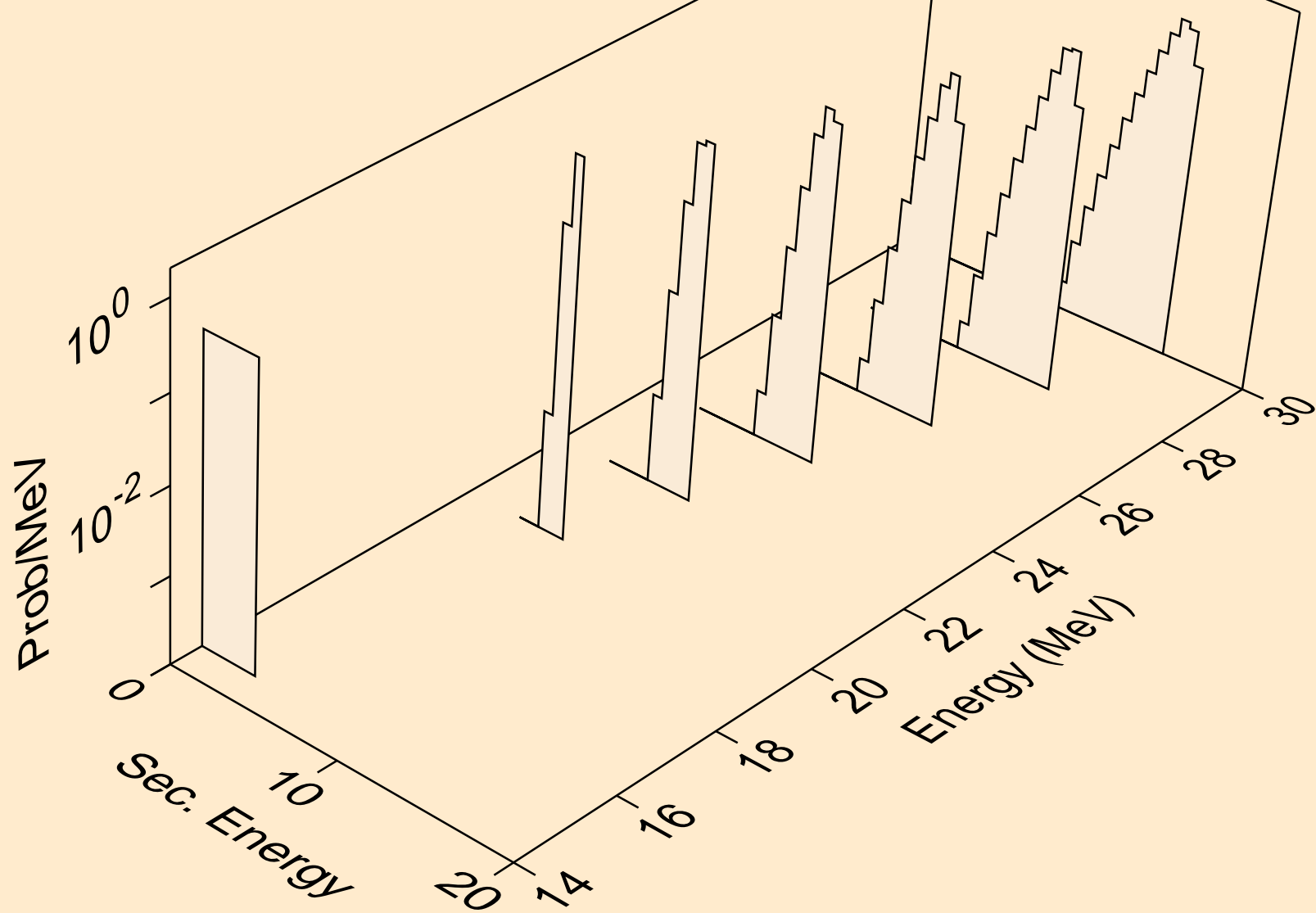
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



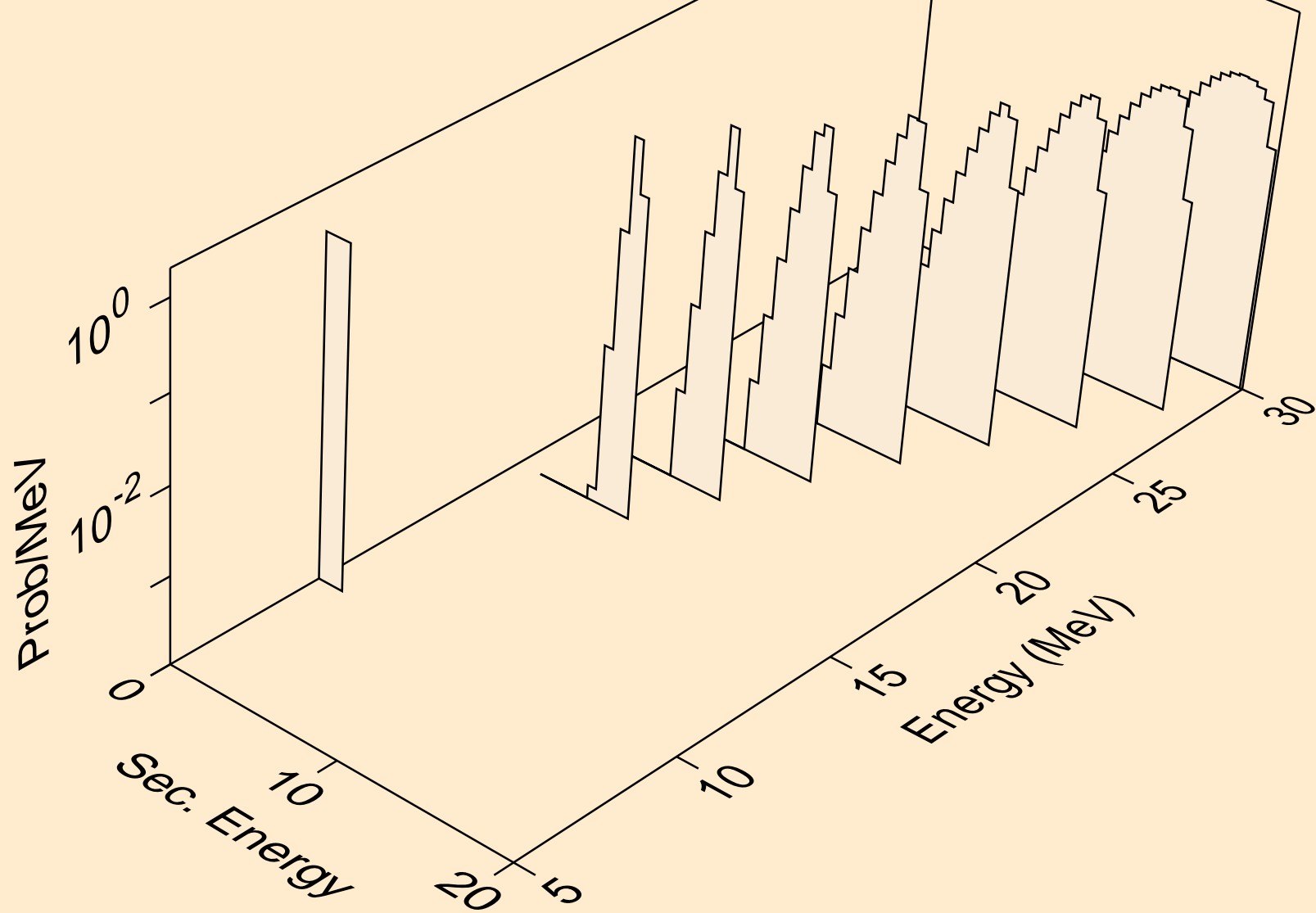
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



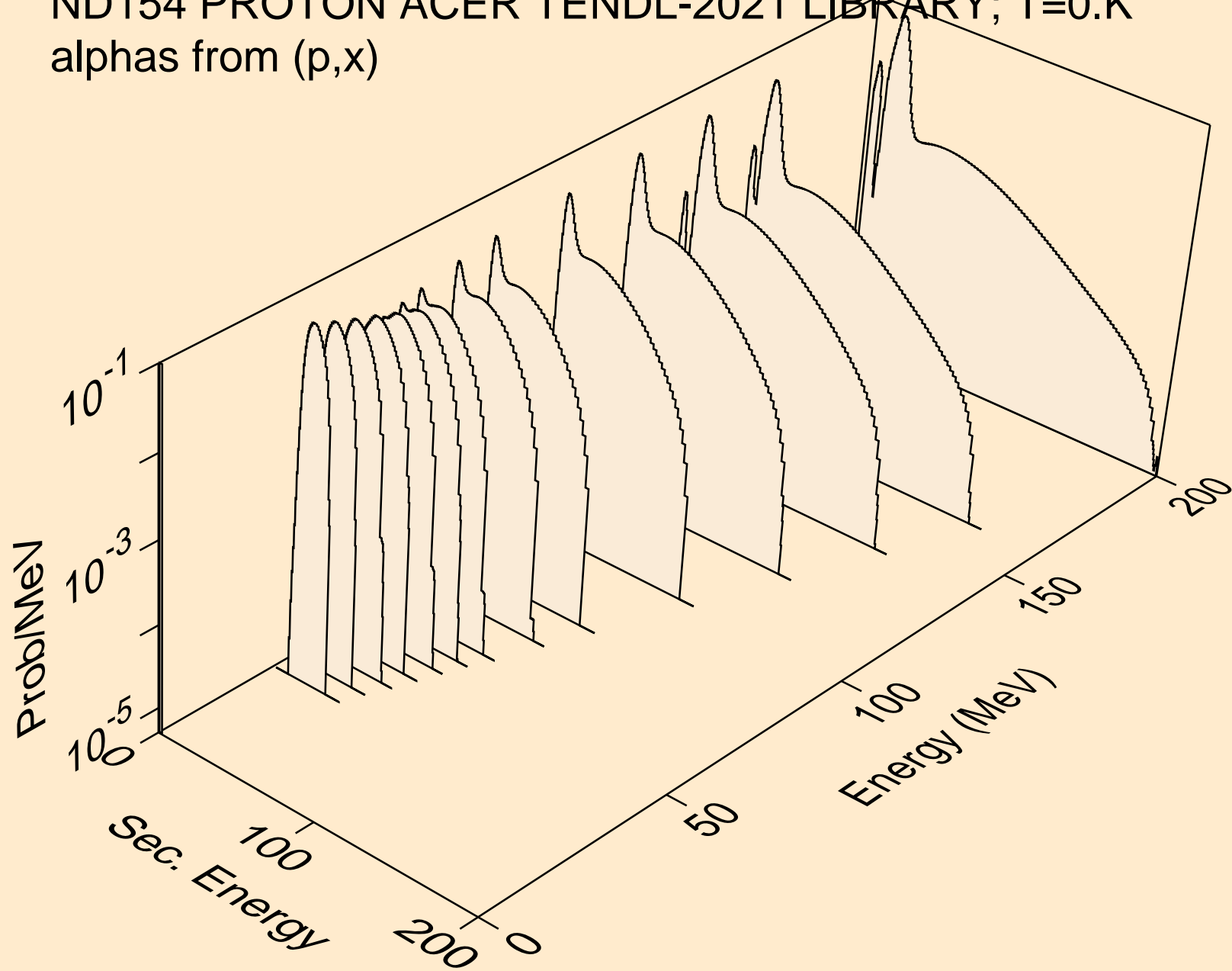
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



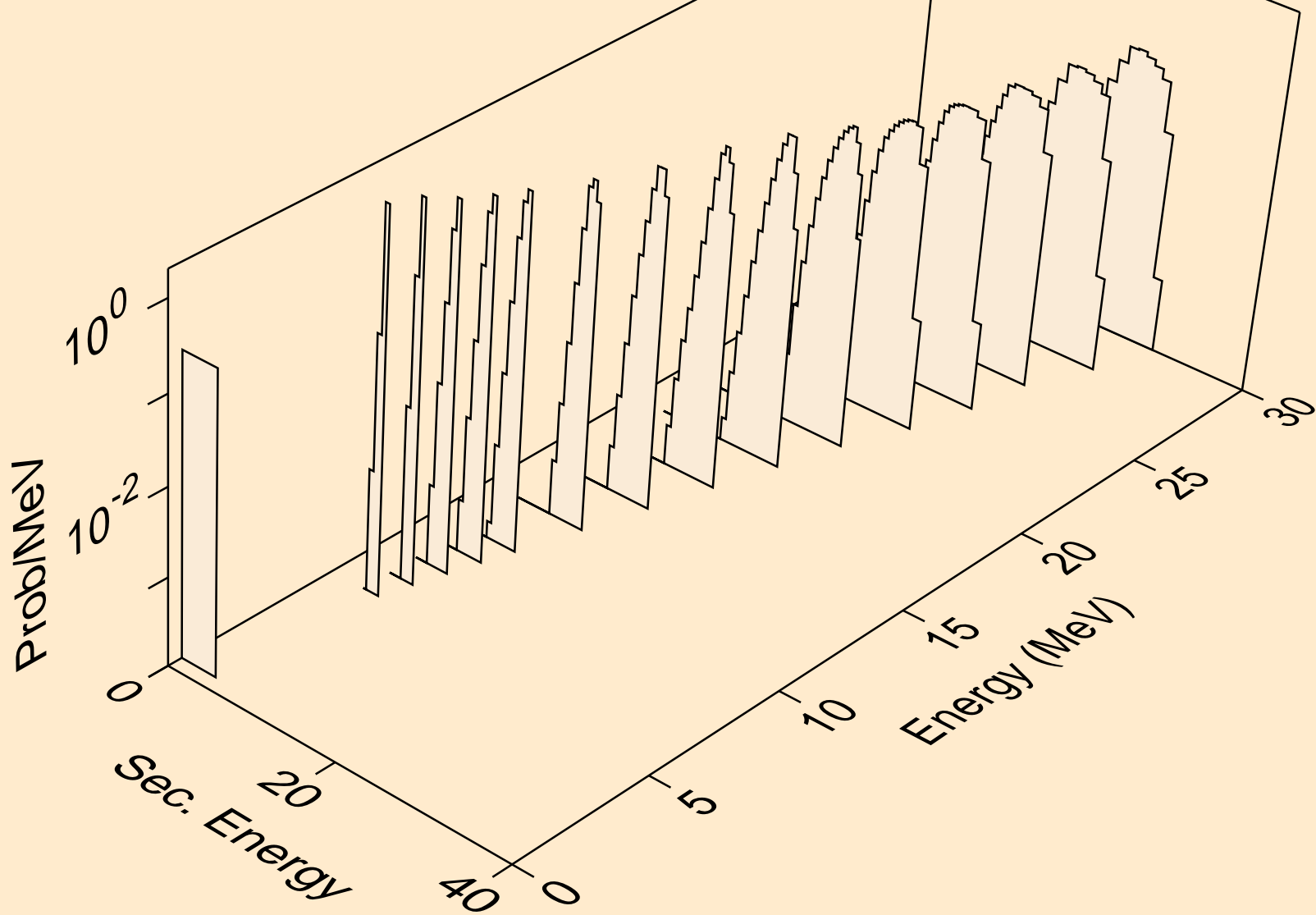
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



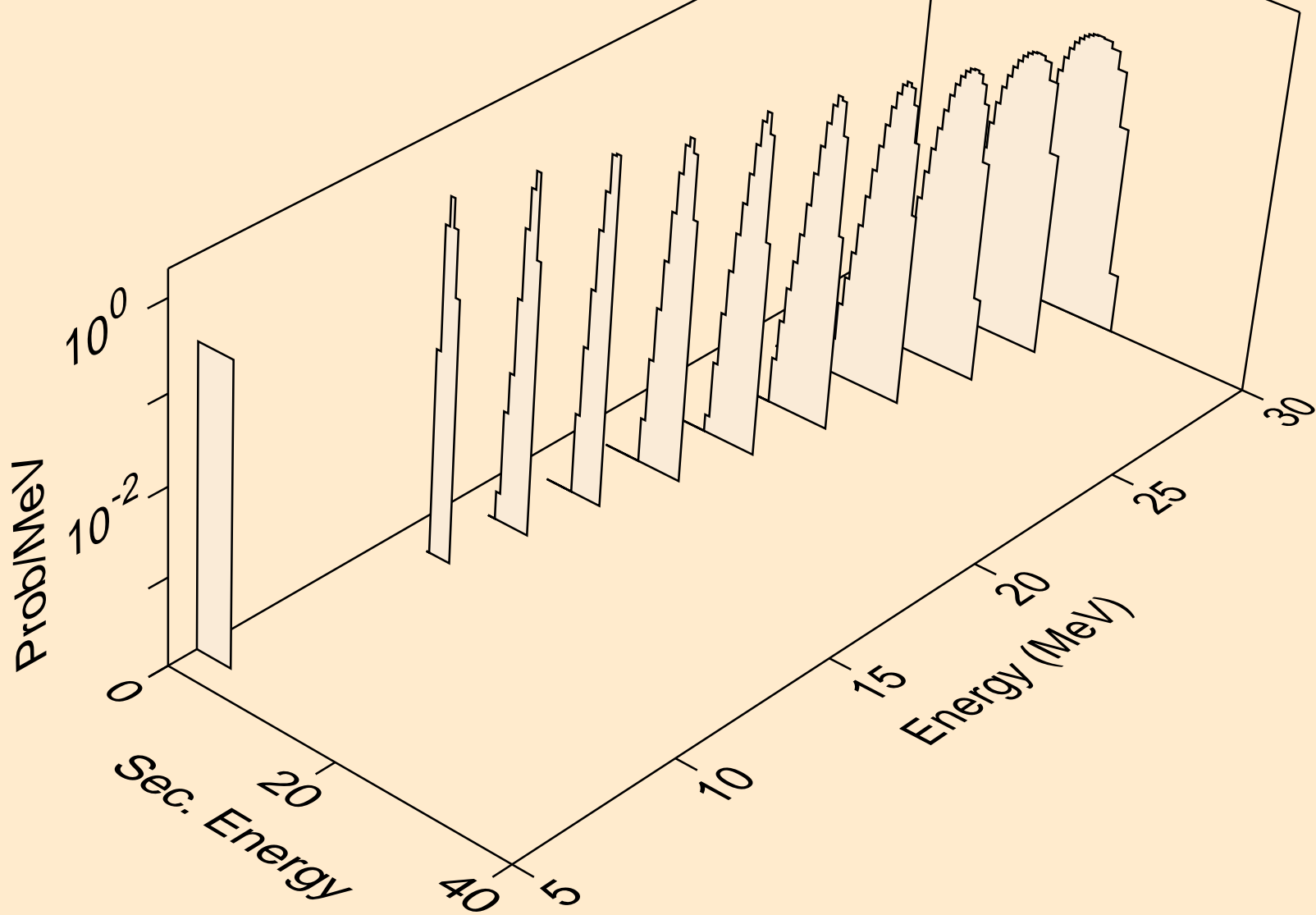
ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

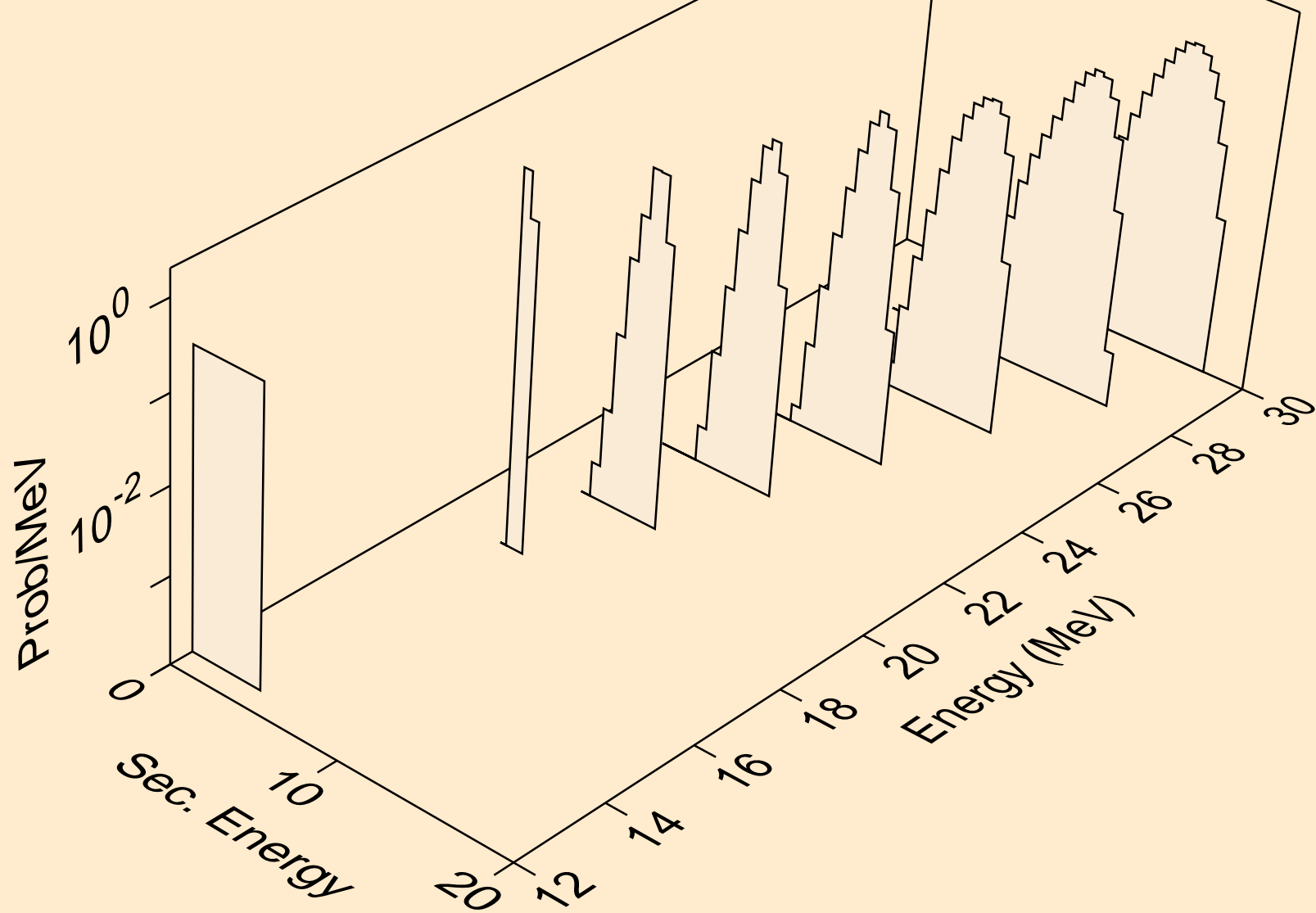


ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a





ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



ND154 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

