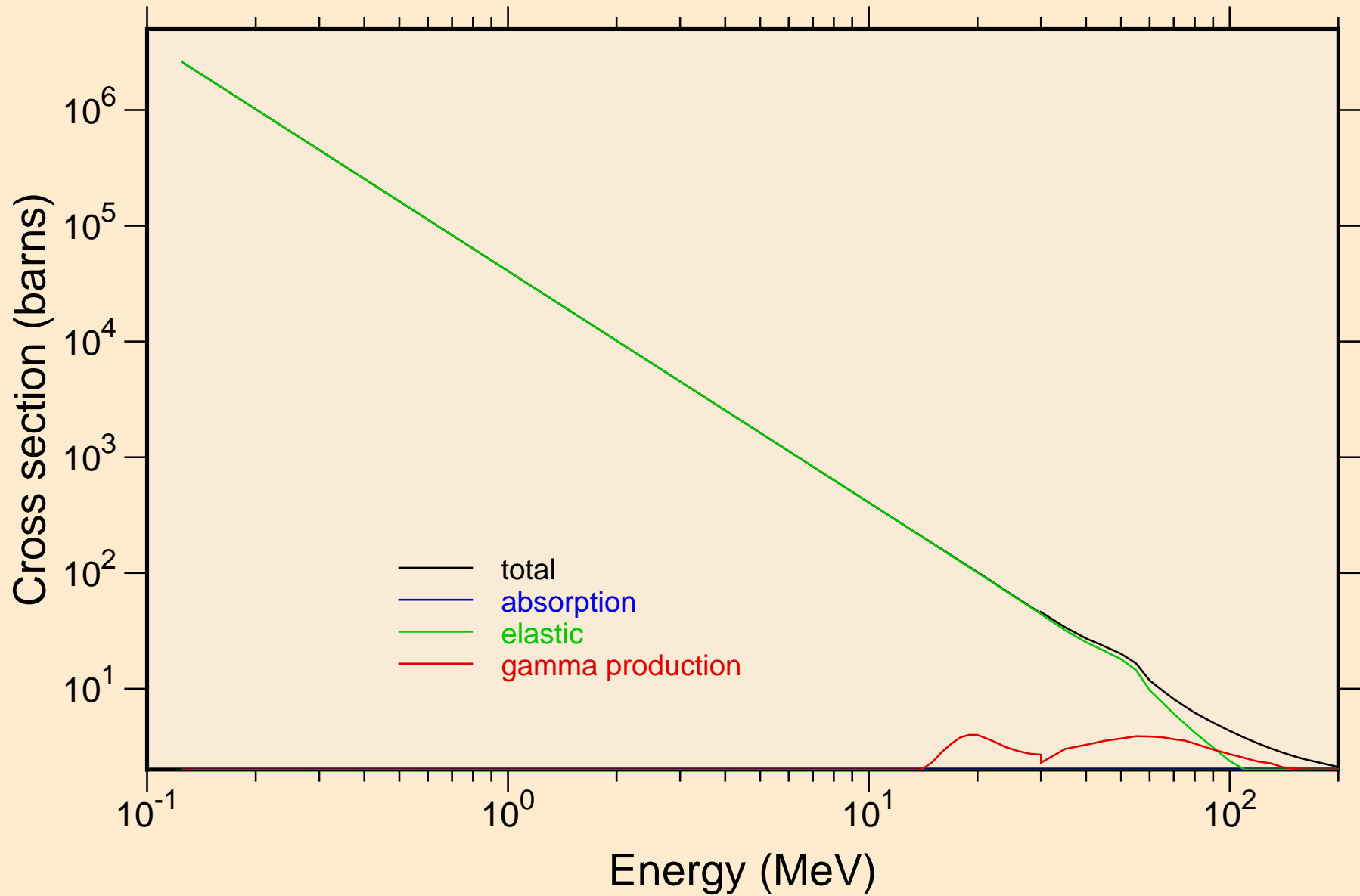


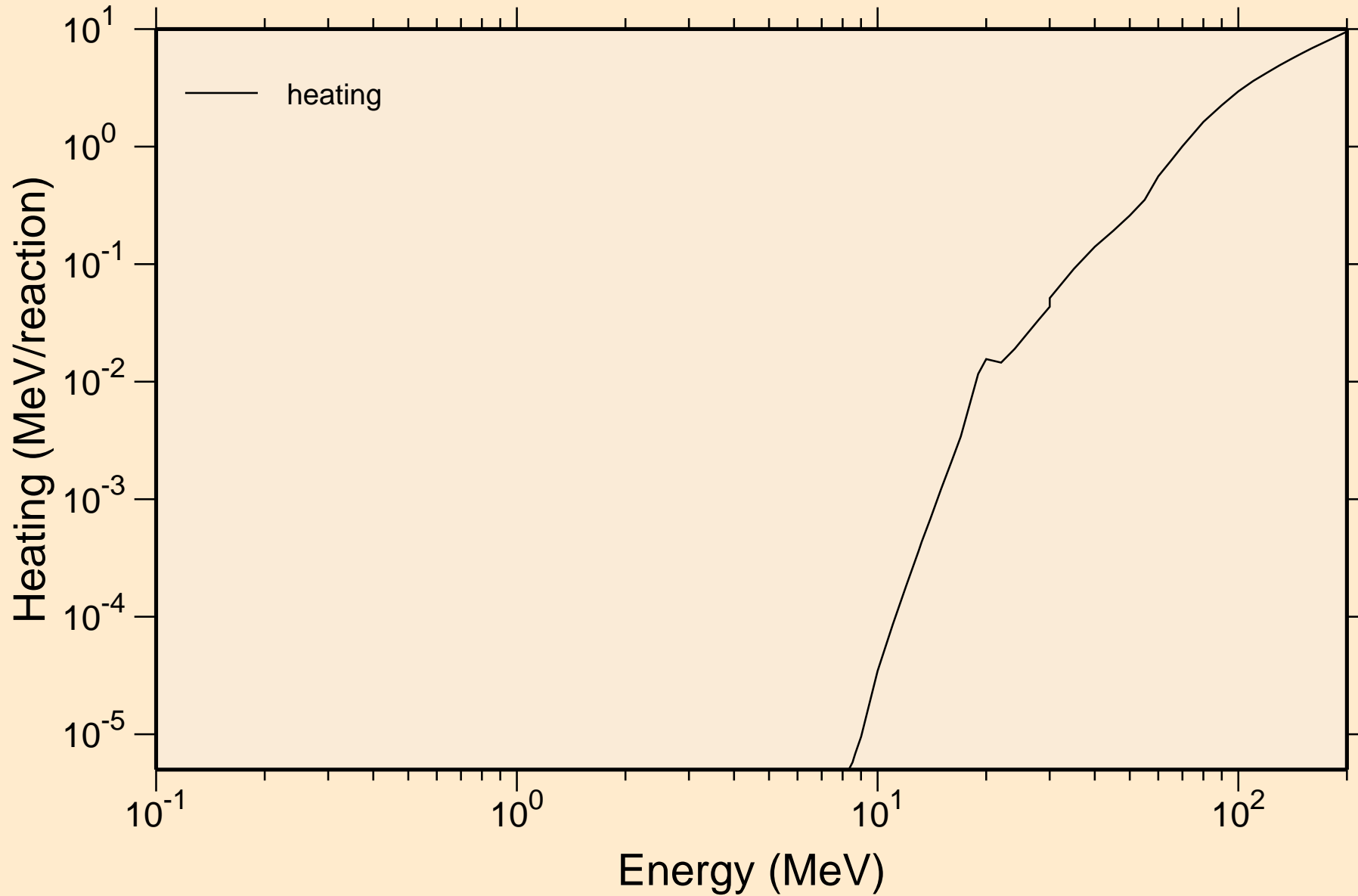
# TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



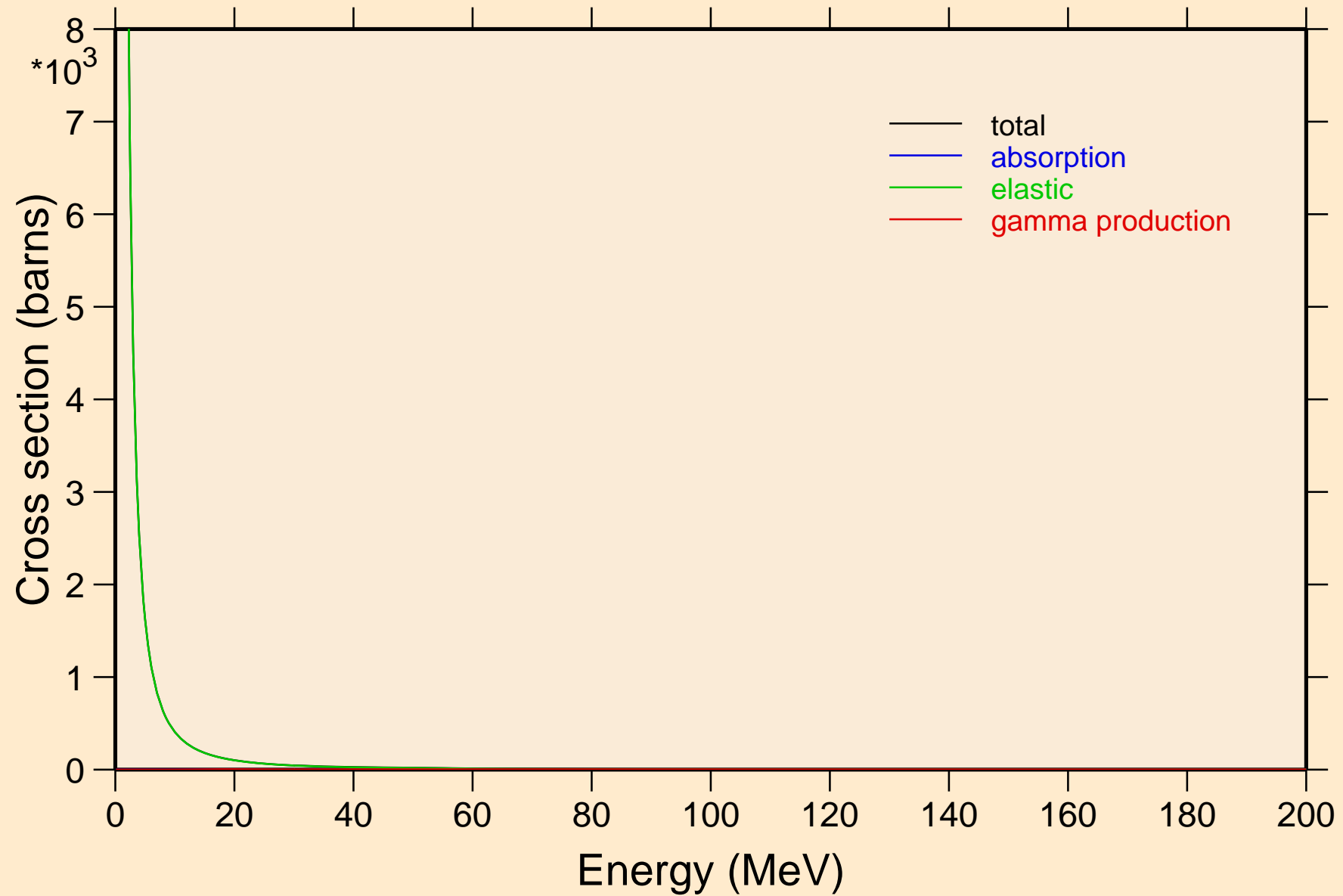
# TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



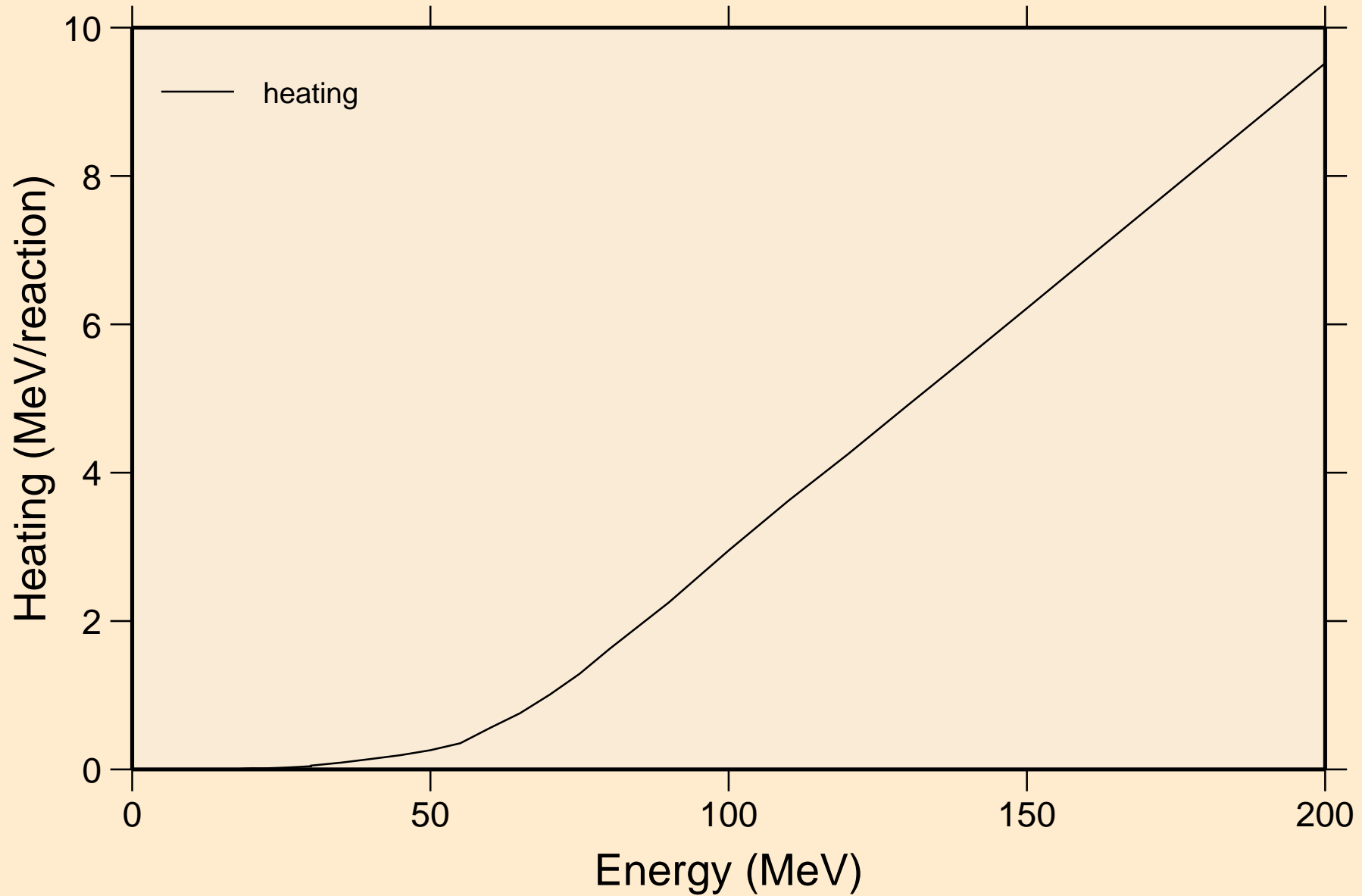
# TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

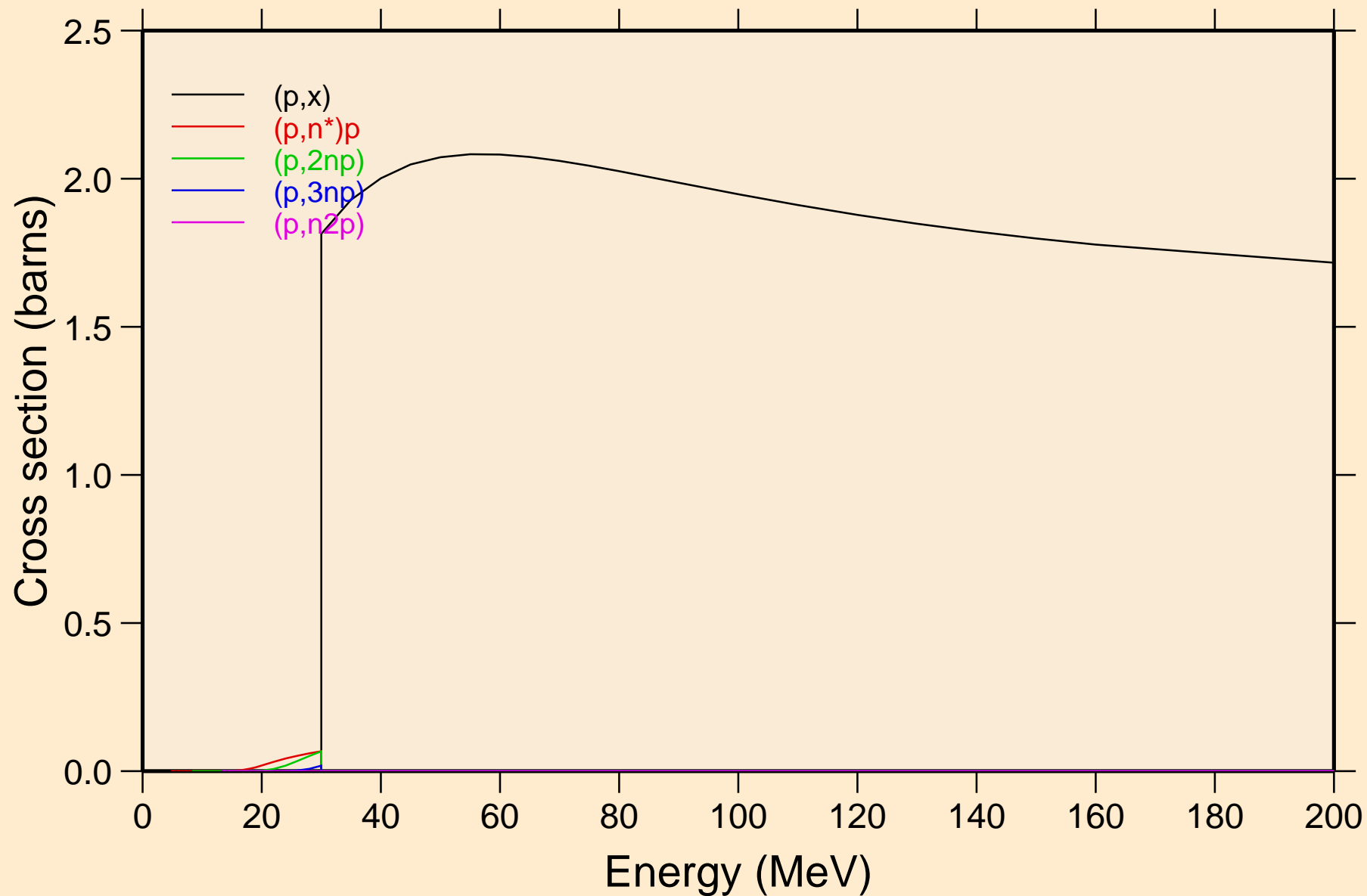


# TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

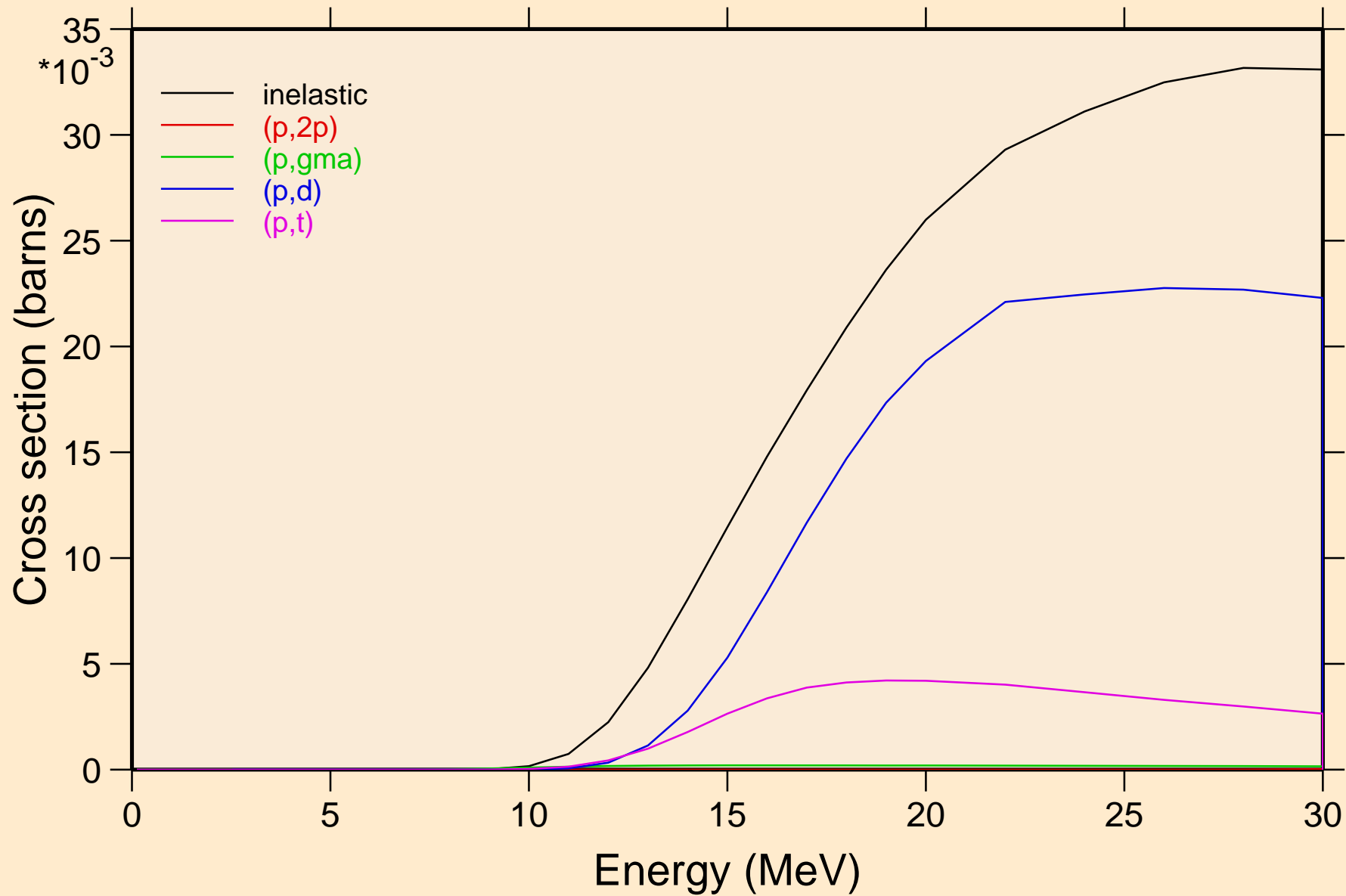


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

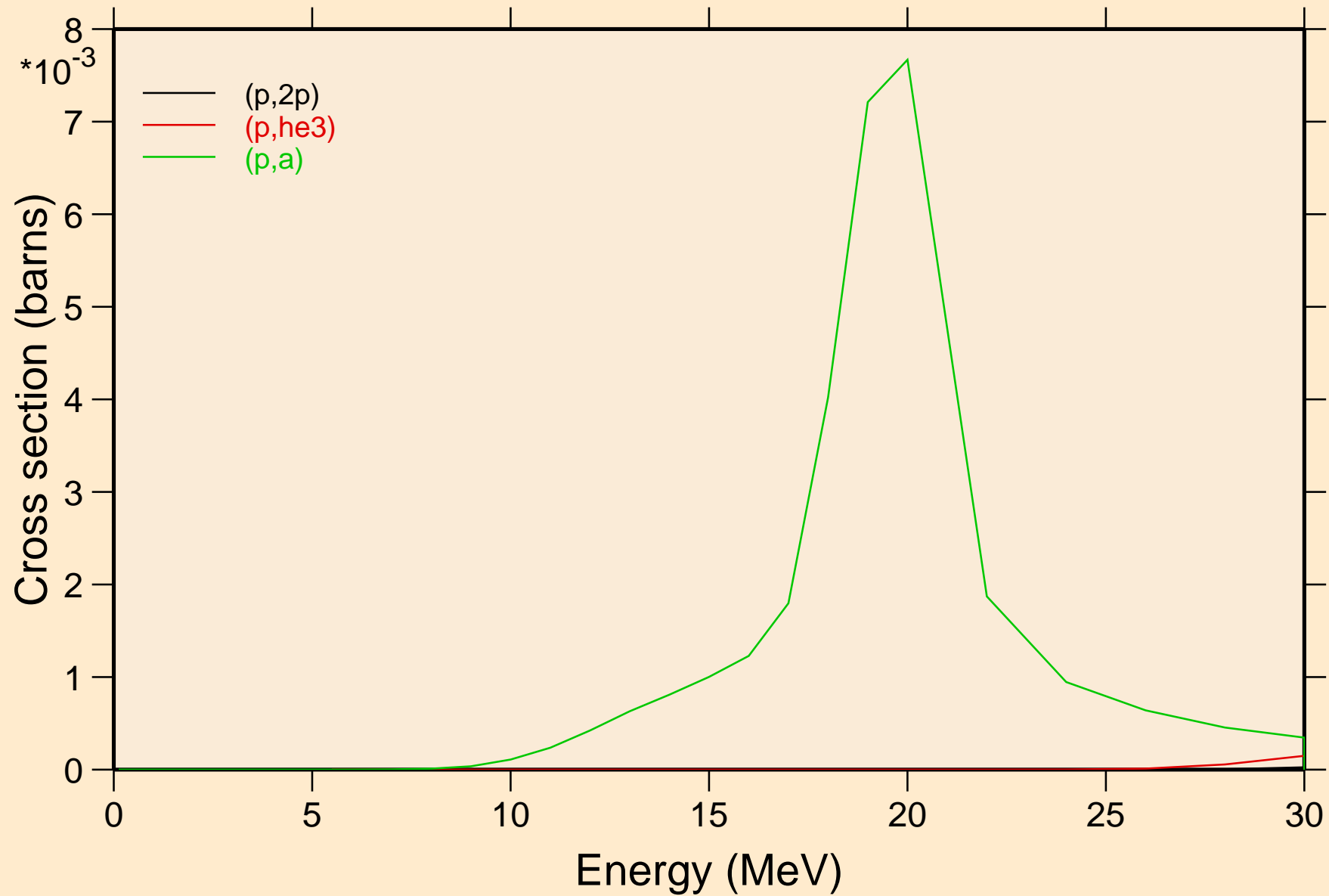


# TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K

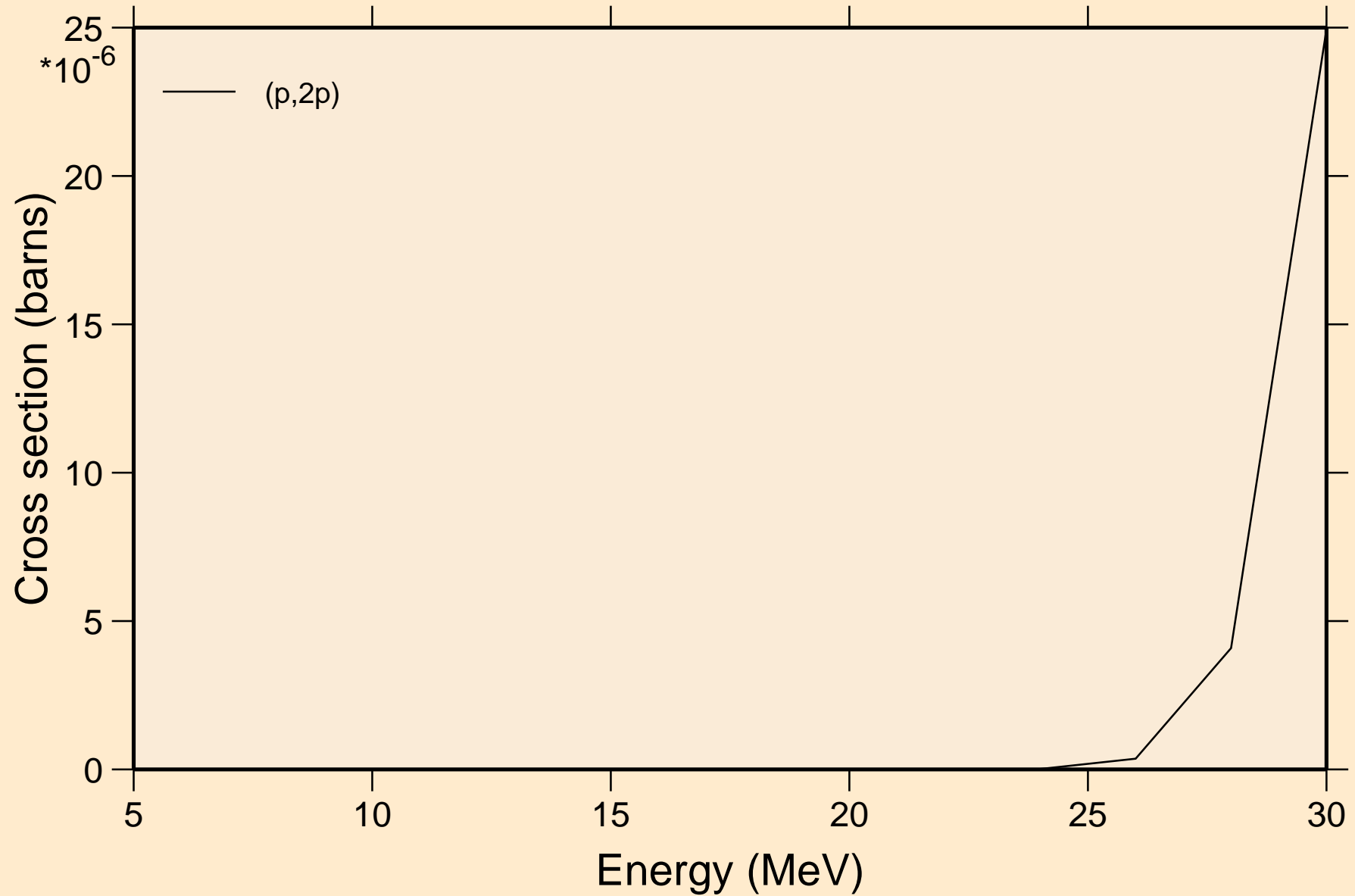
## Threshold reactions



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

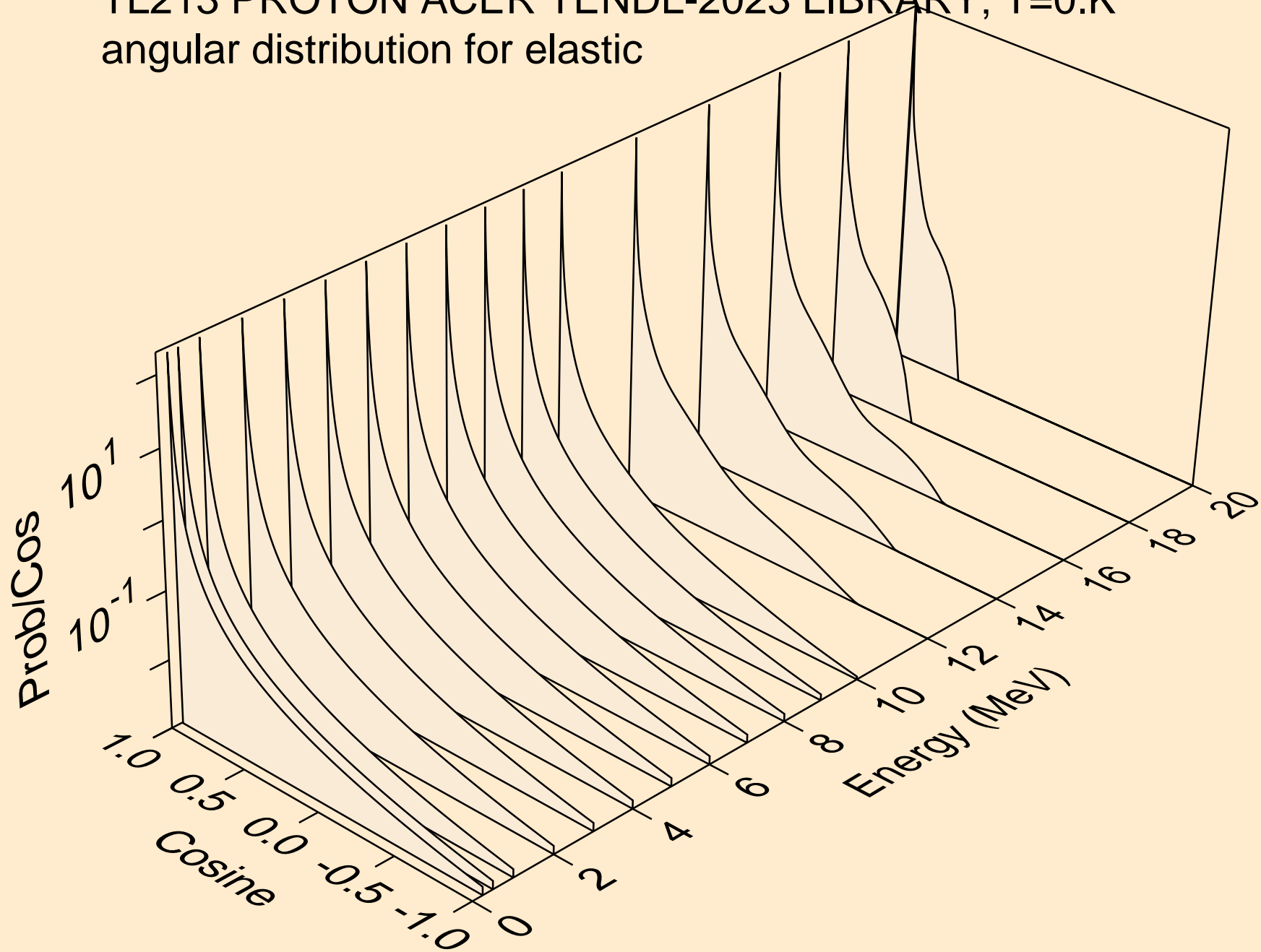


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

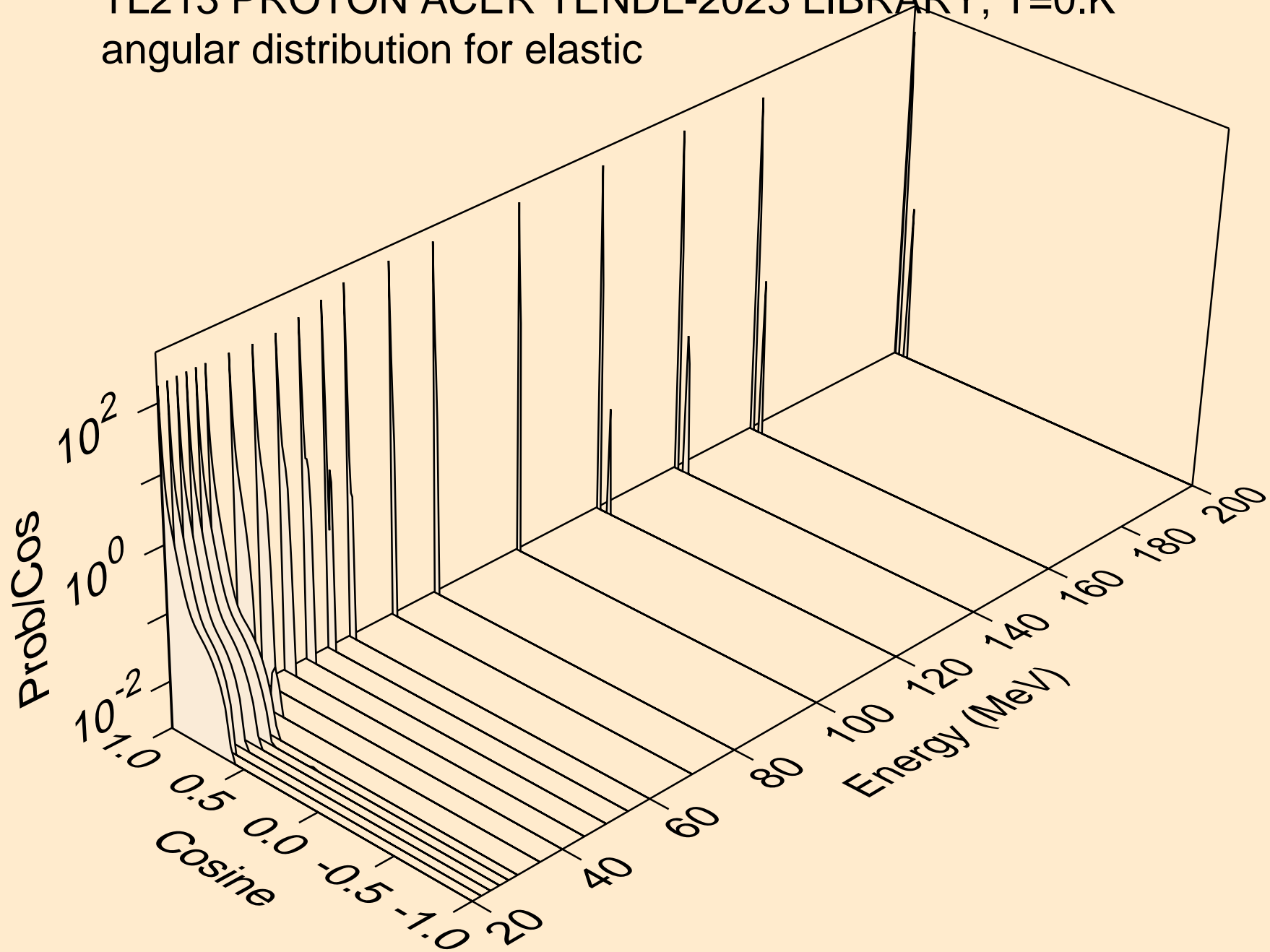




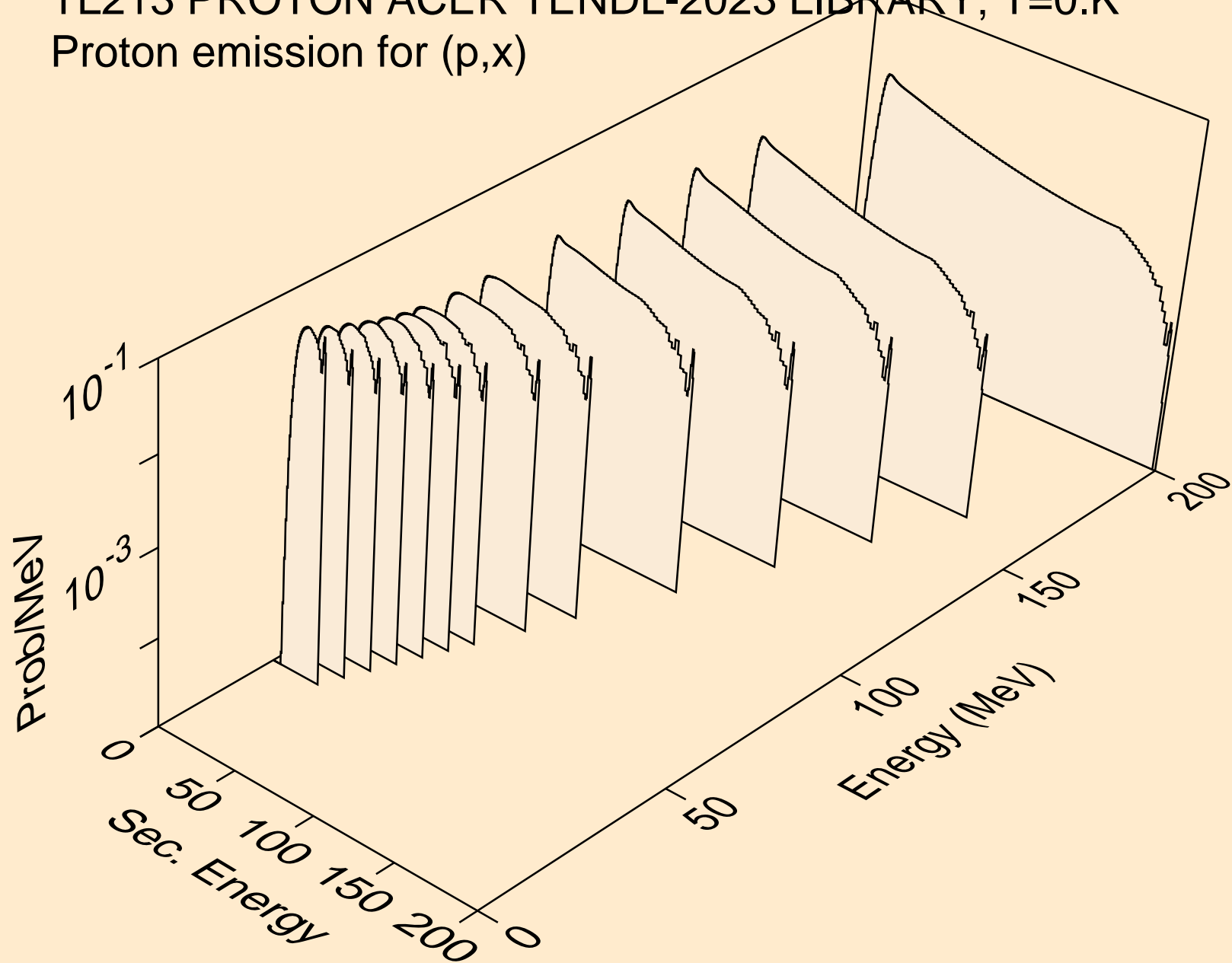
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



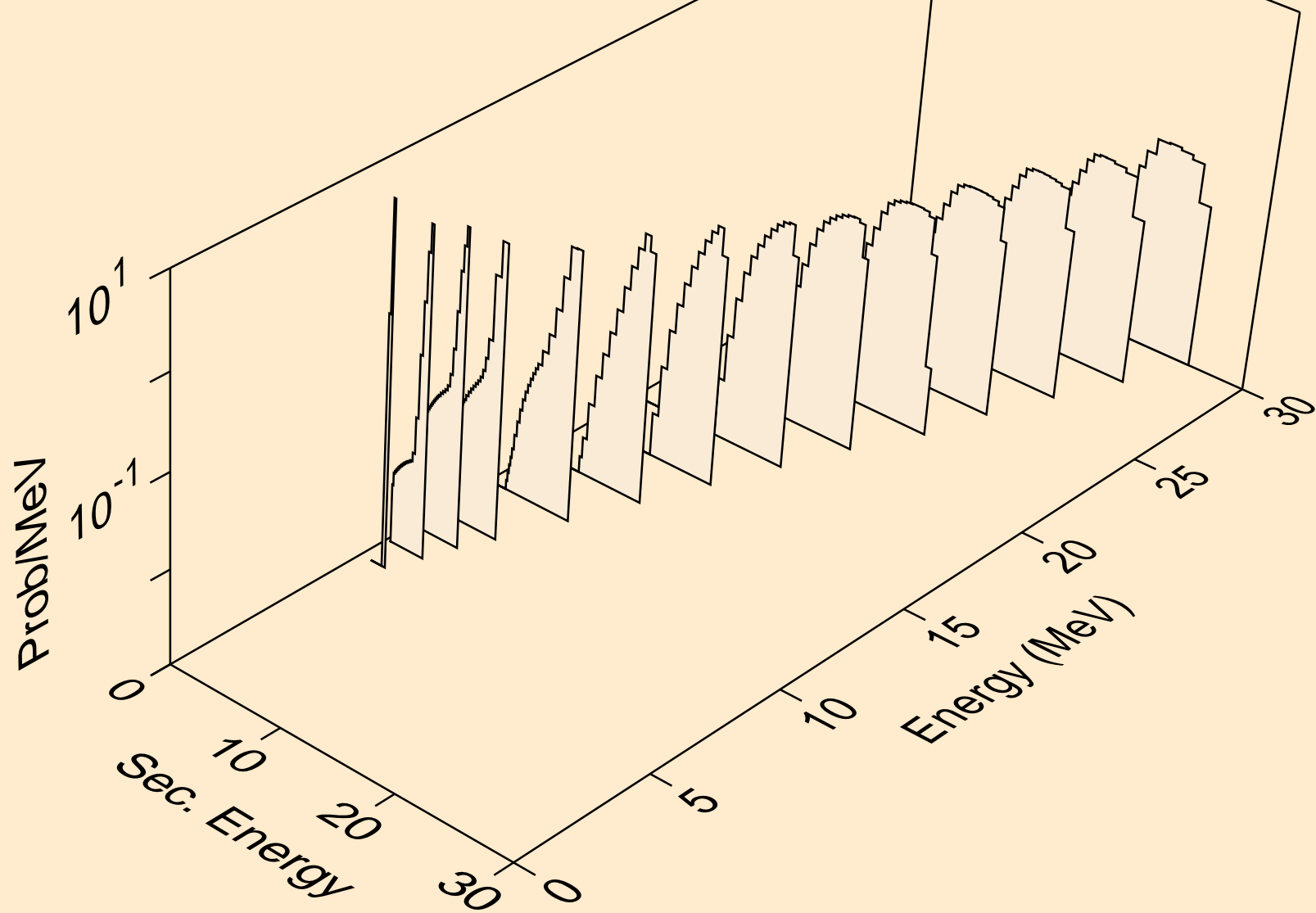
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



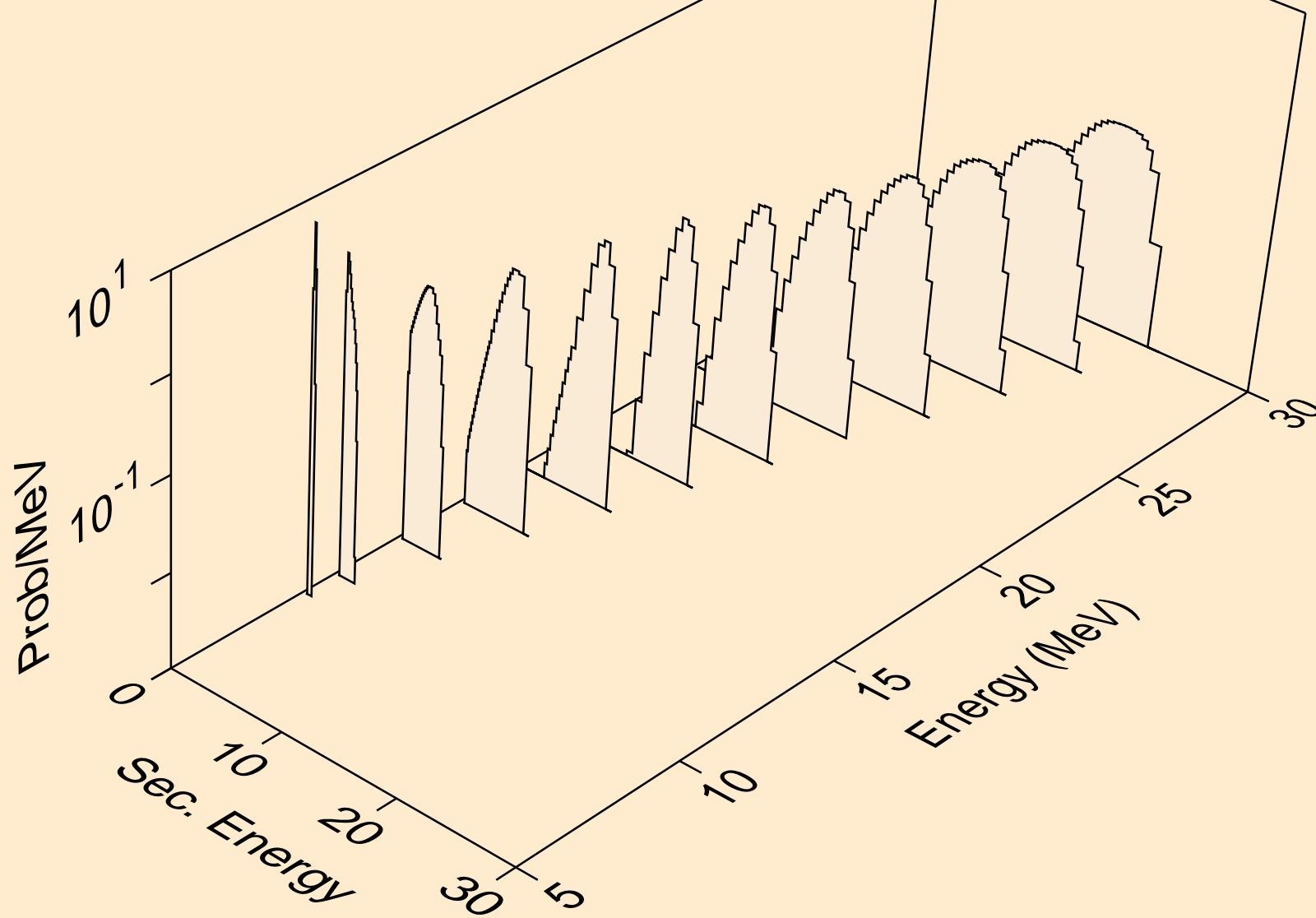
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



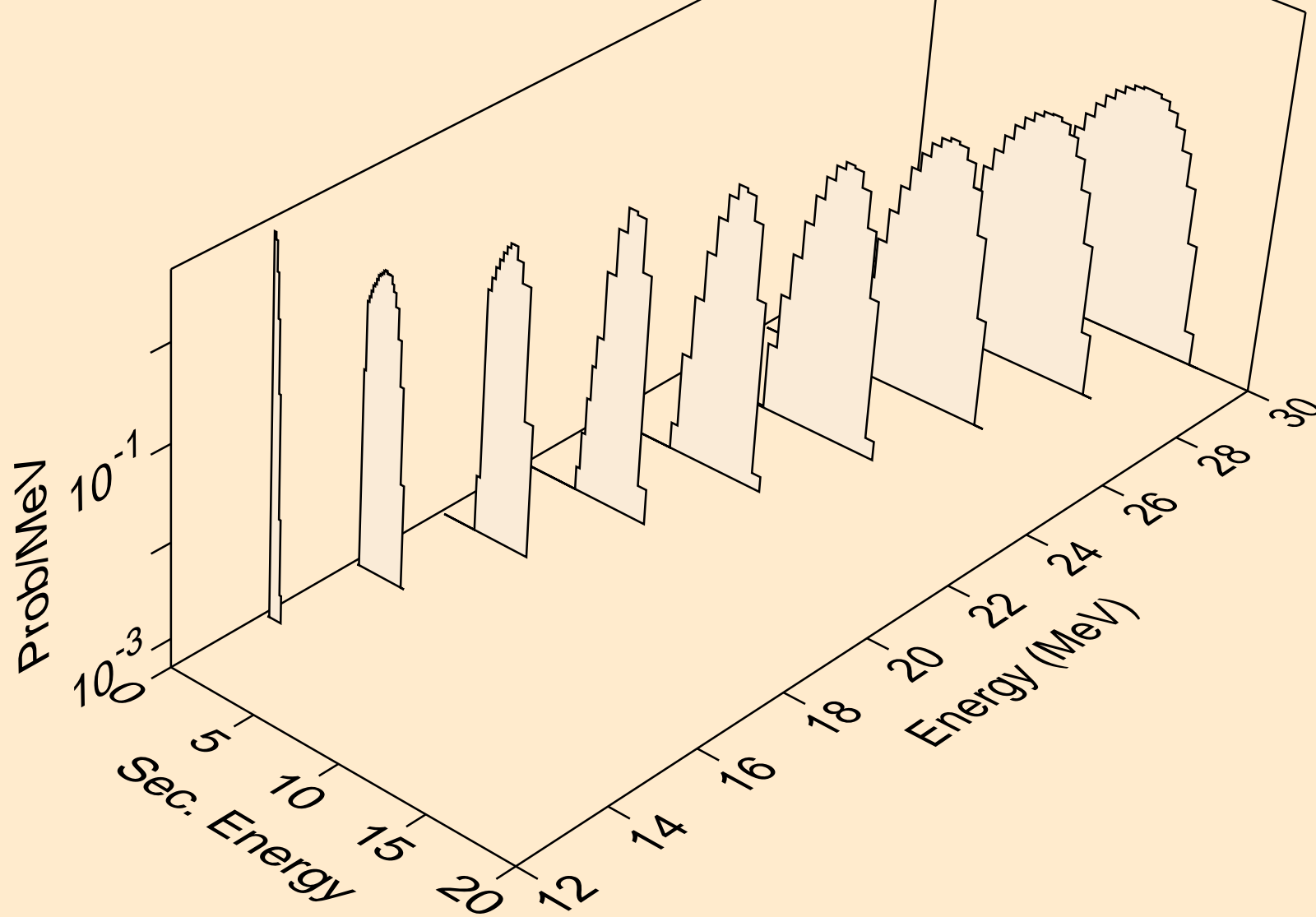
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



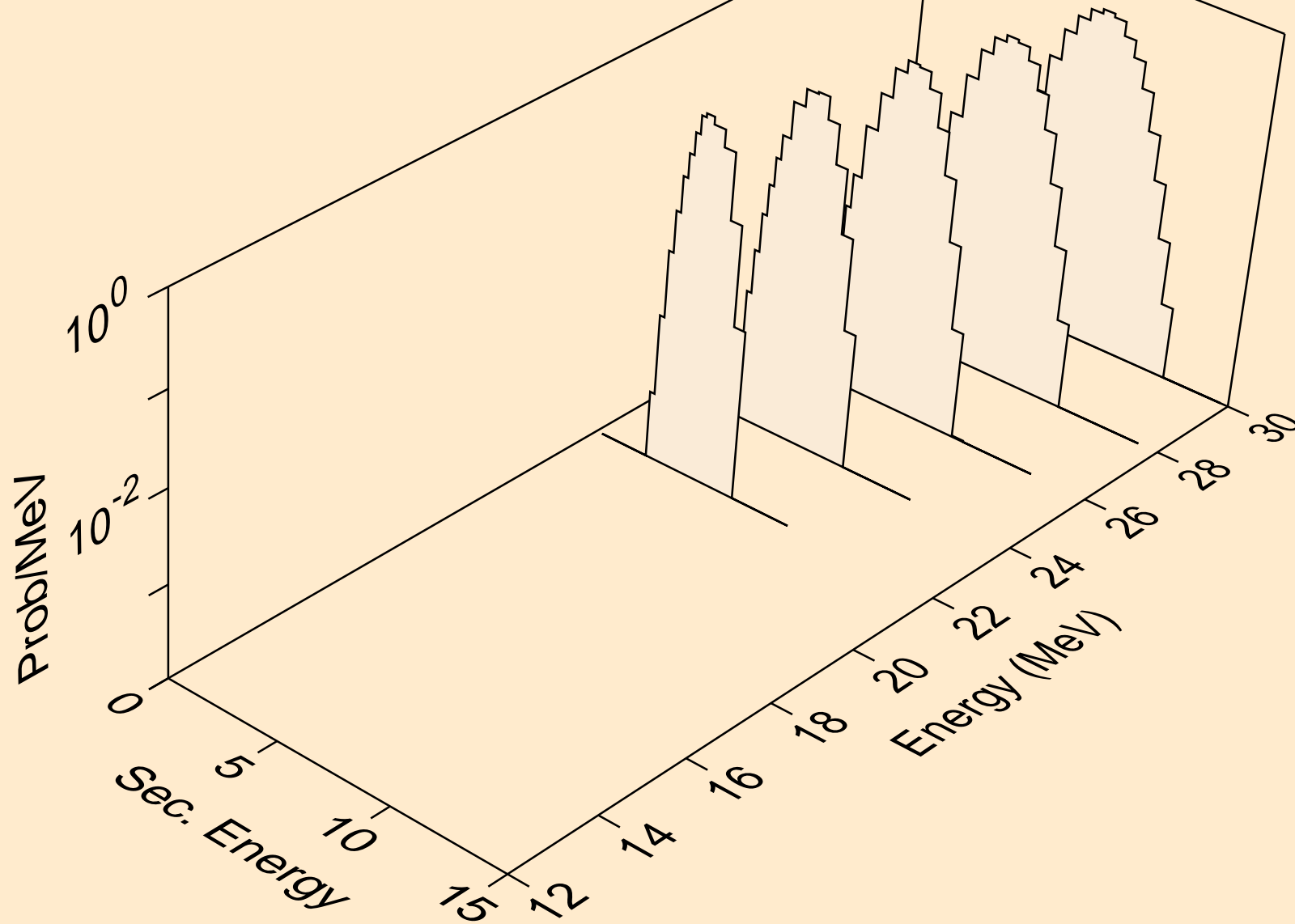
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



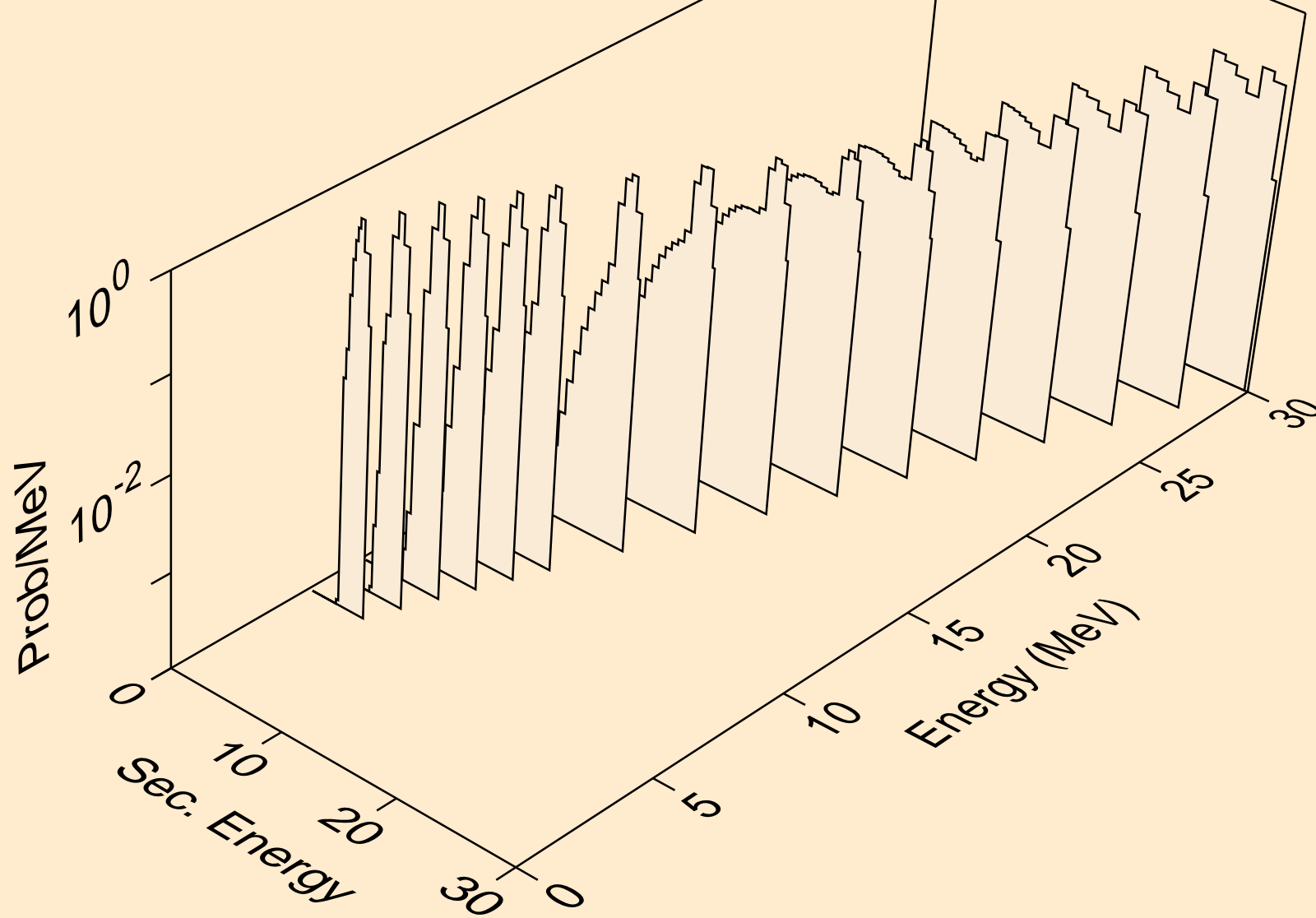
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

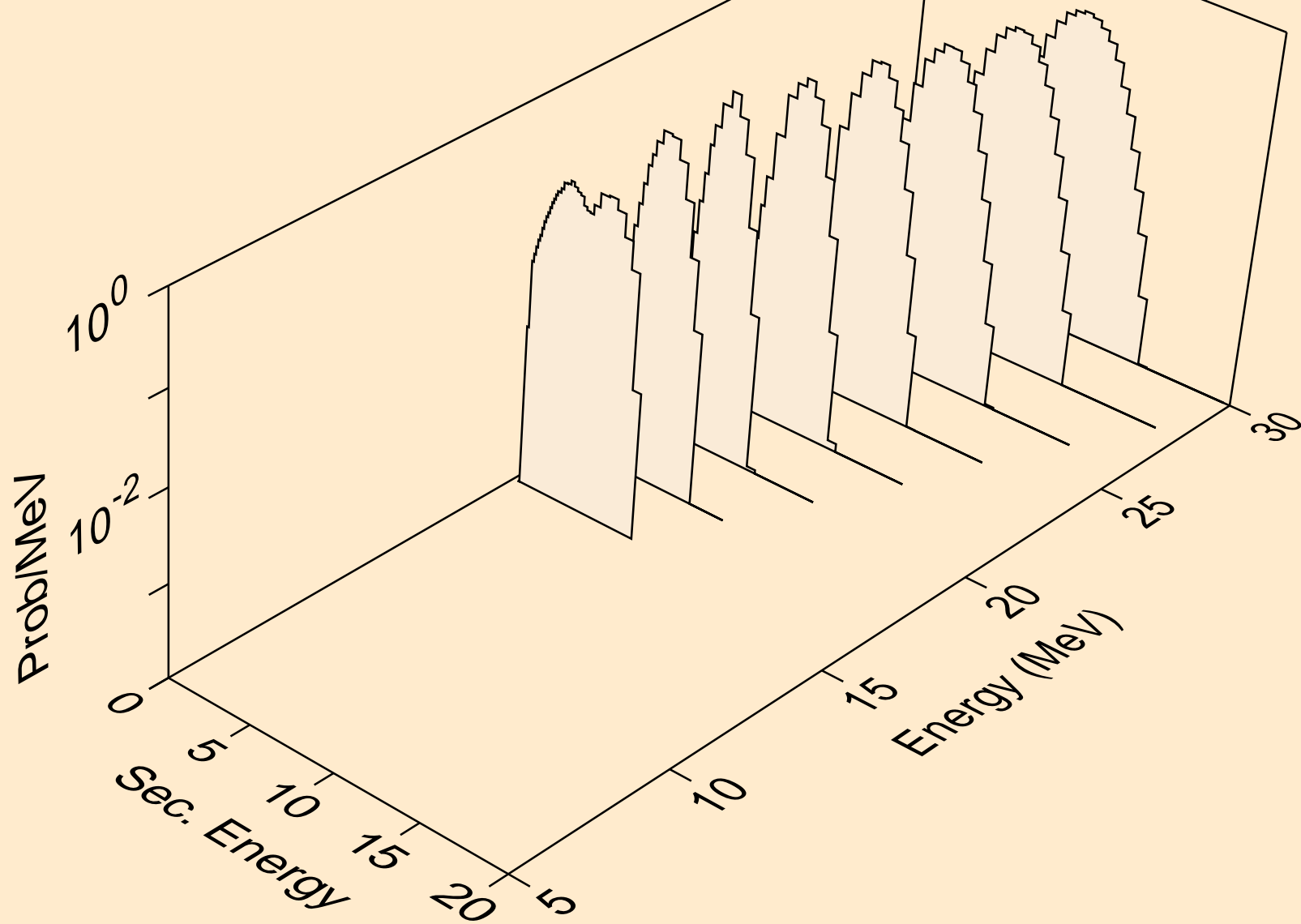


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

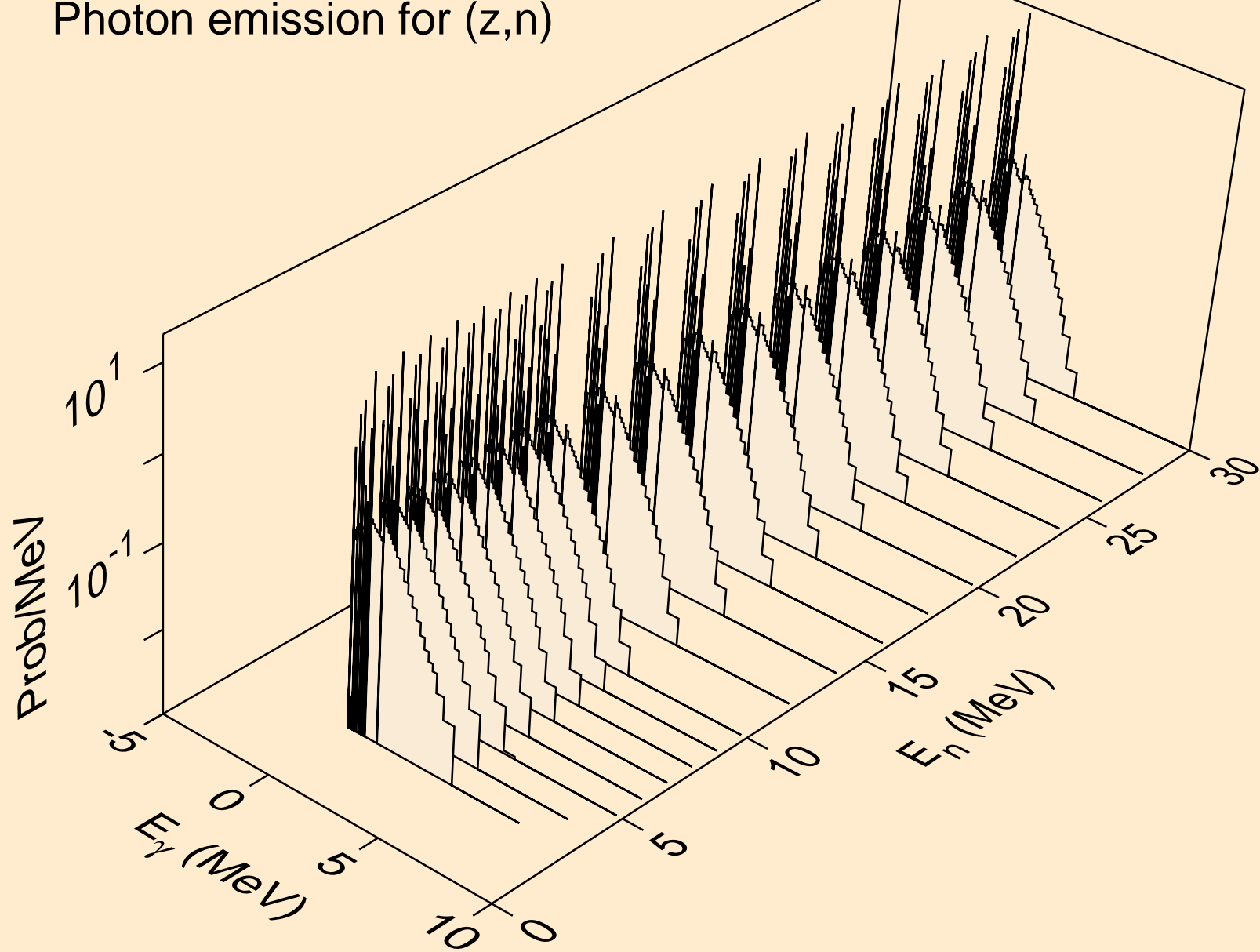




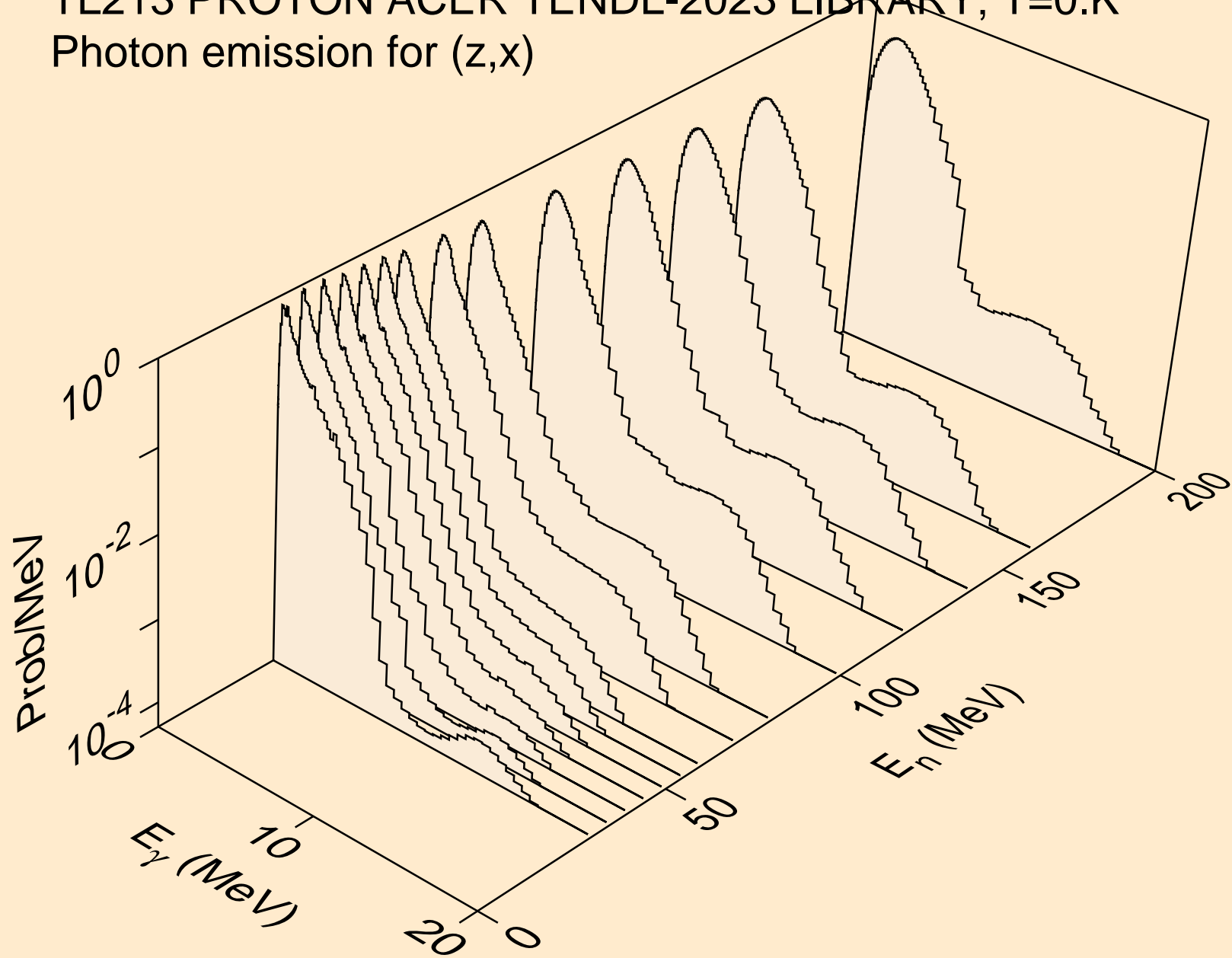
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



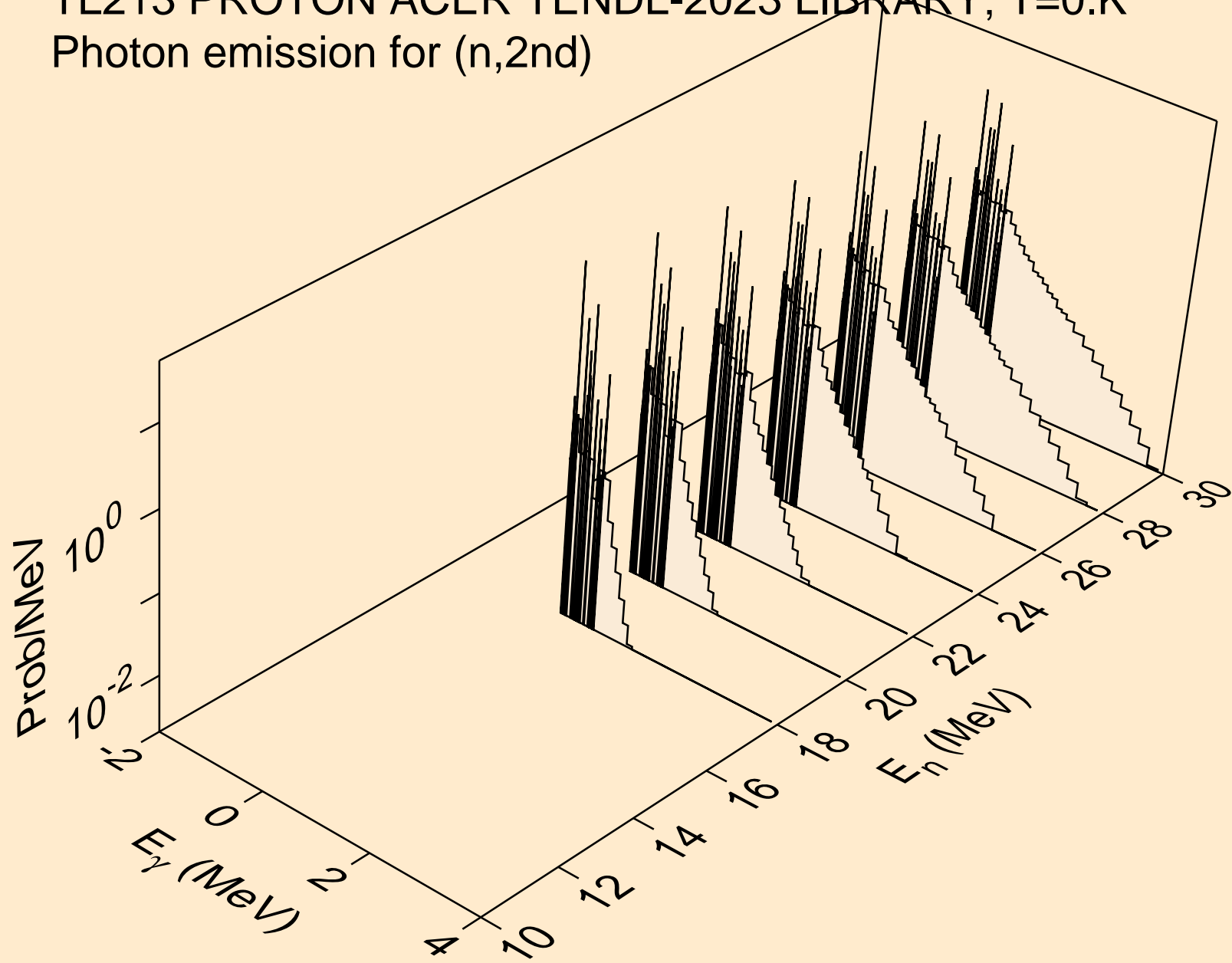
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



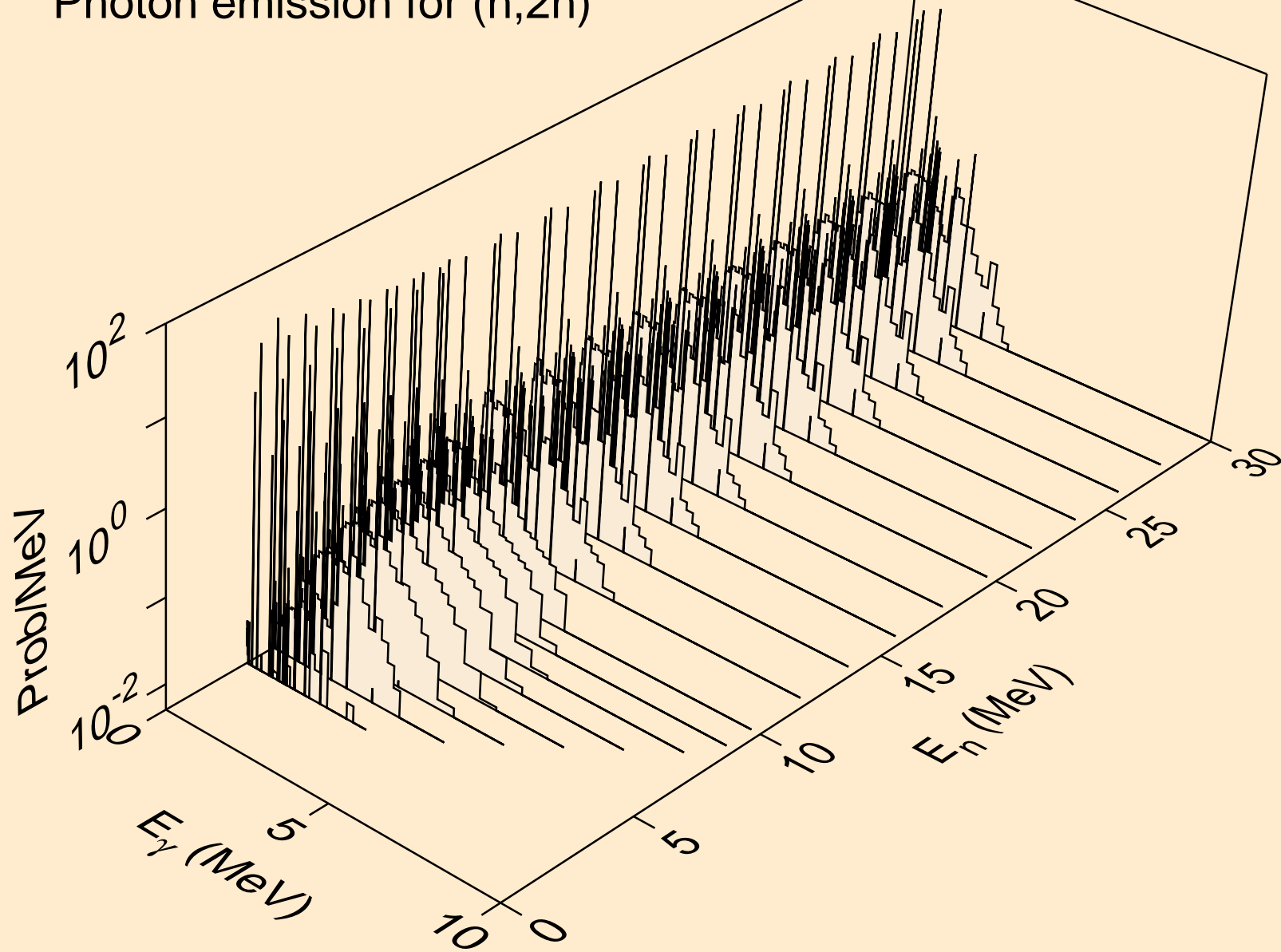
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



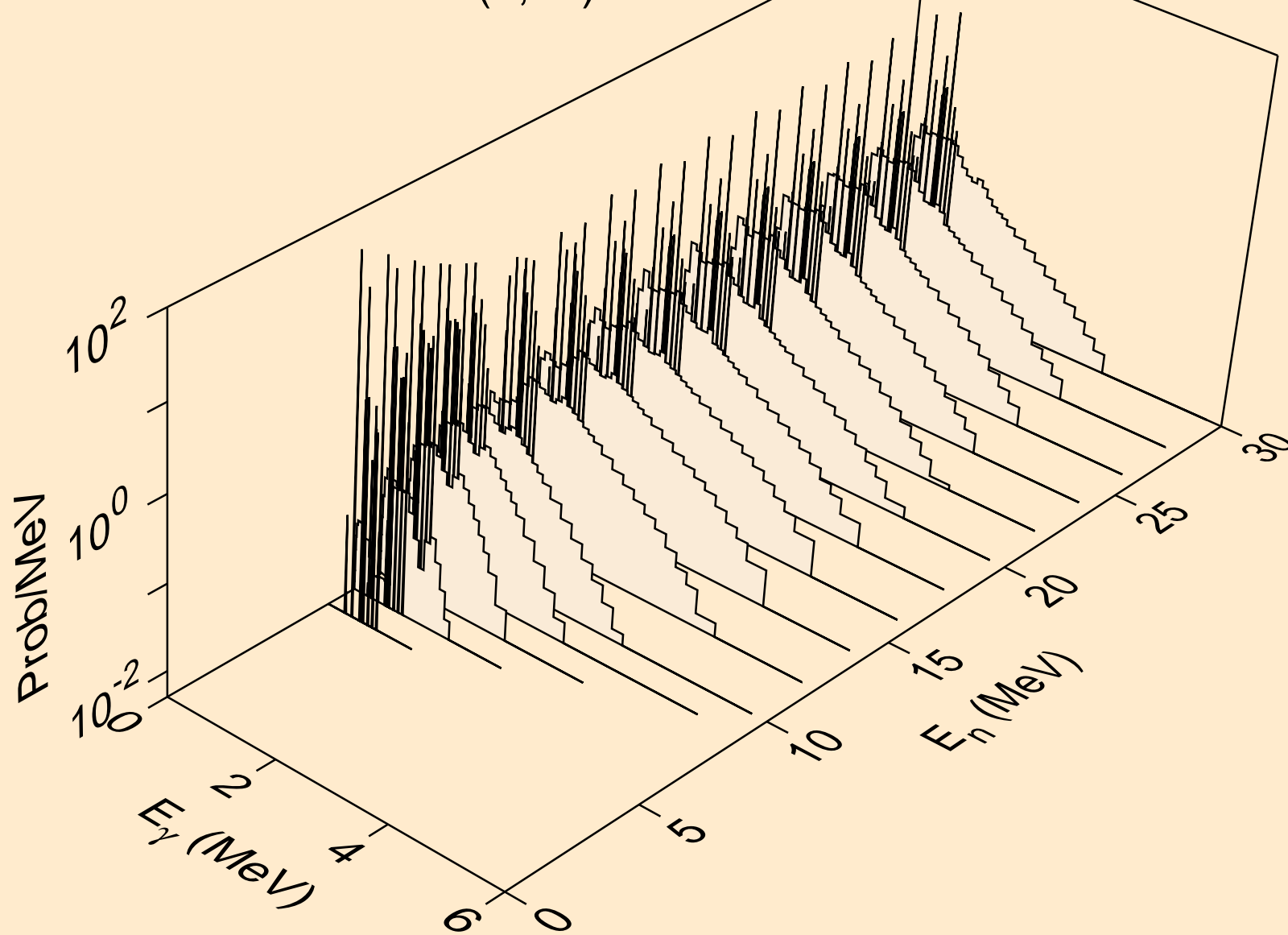
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



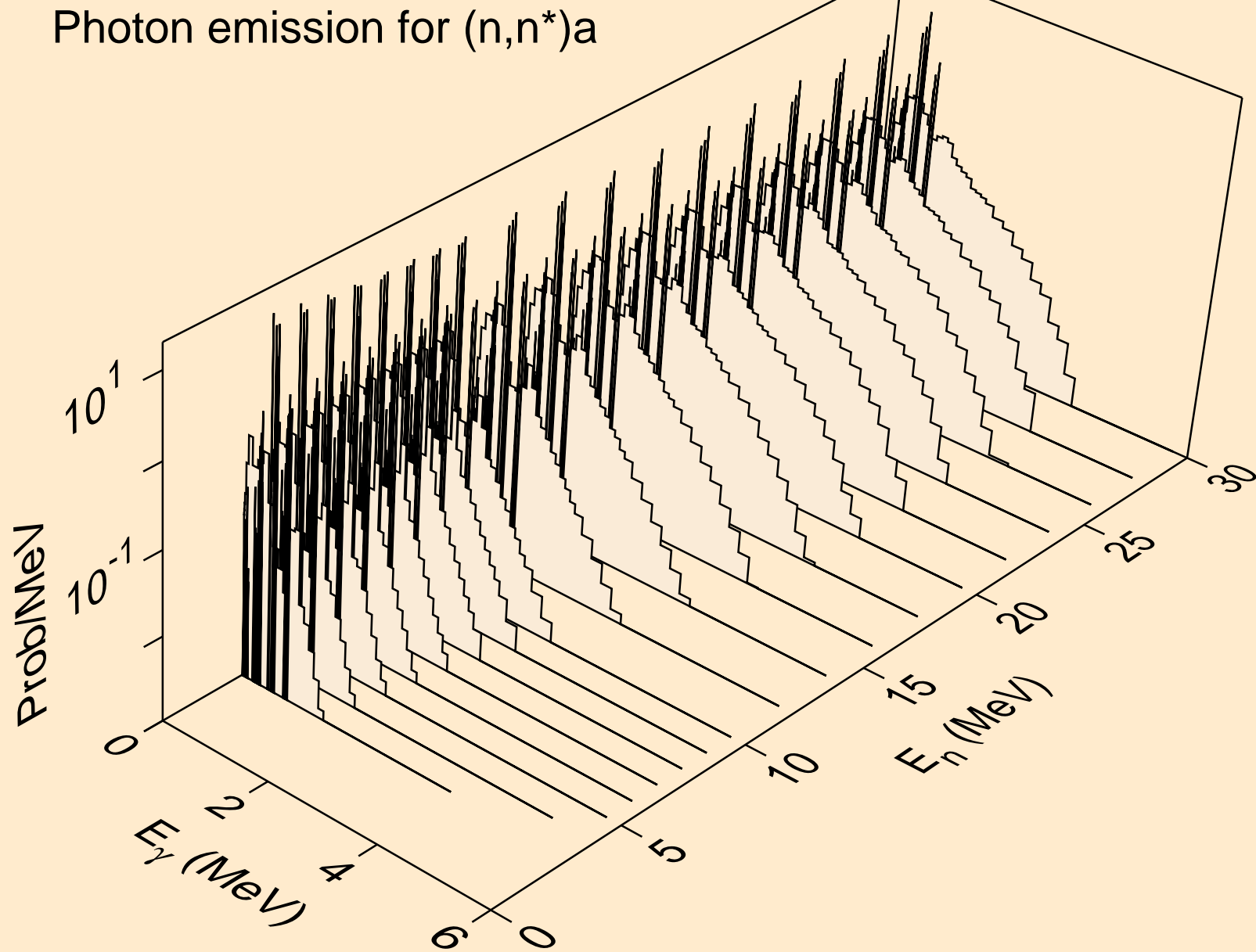
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



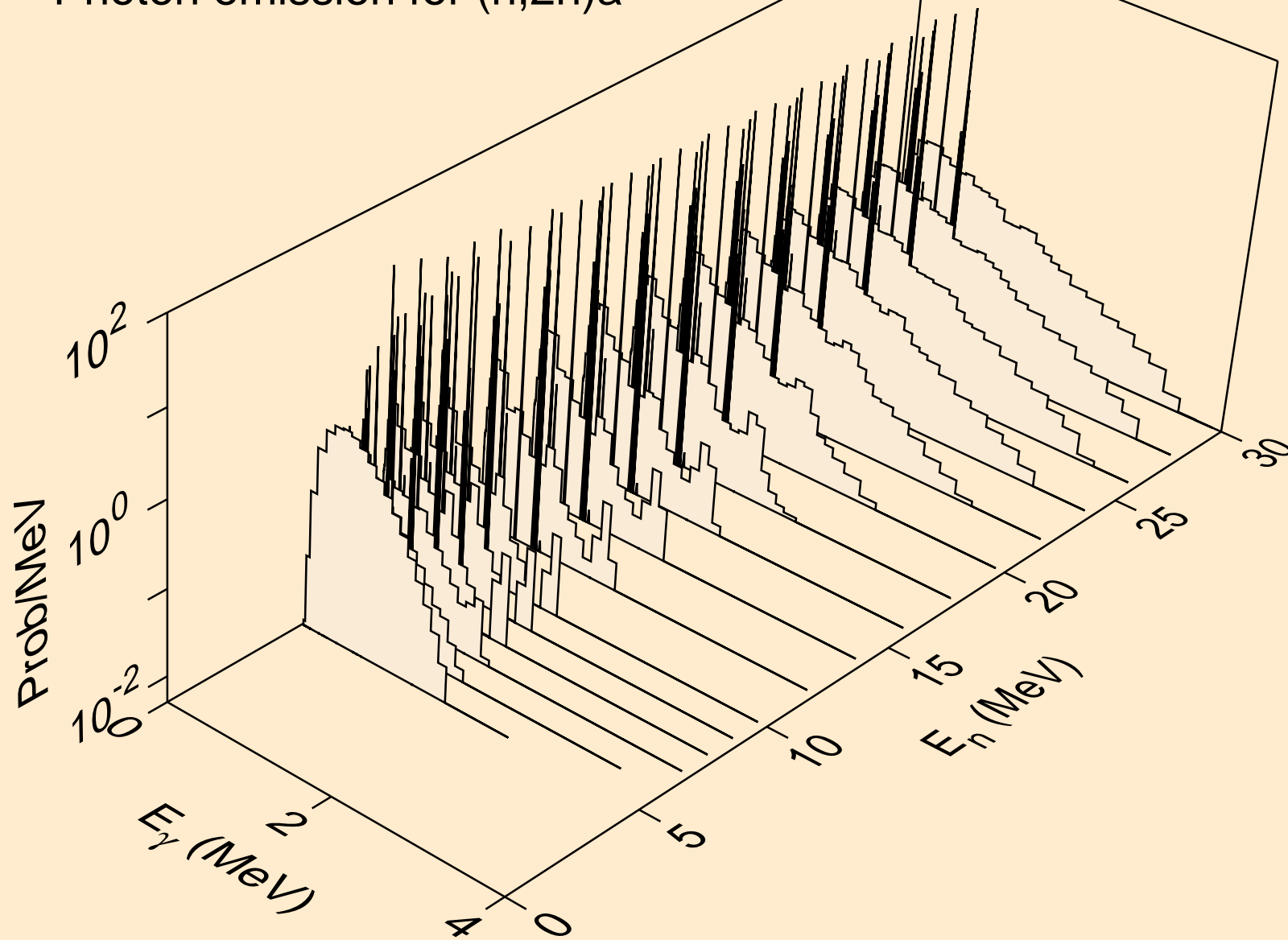
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

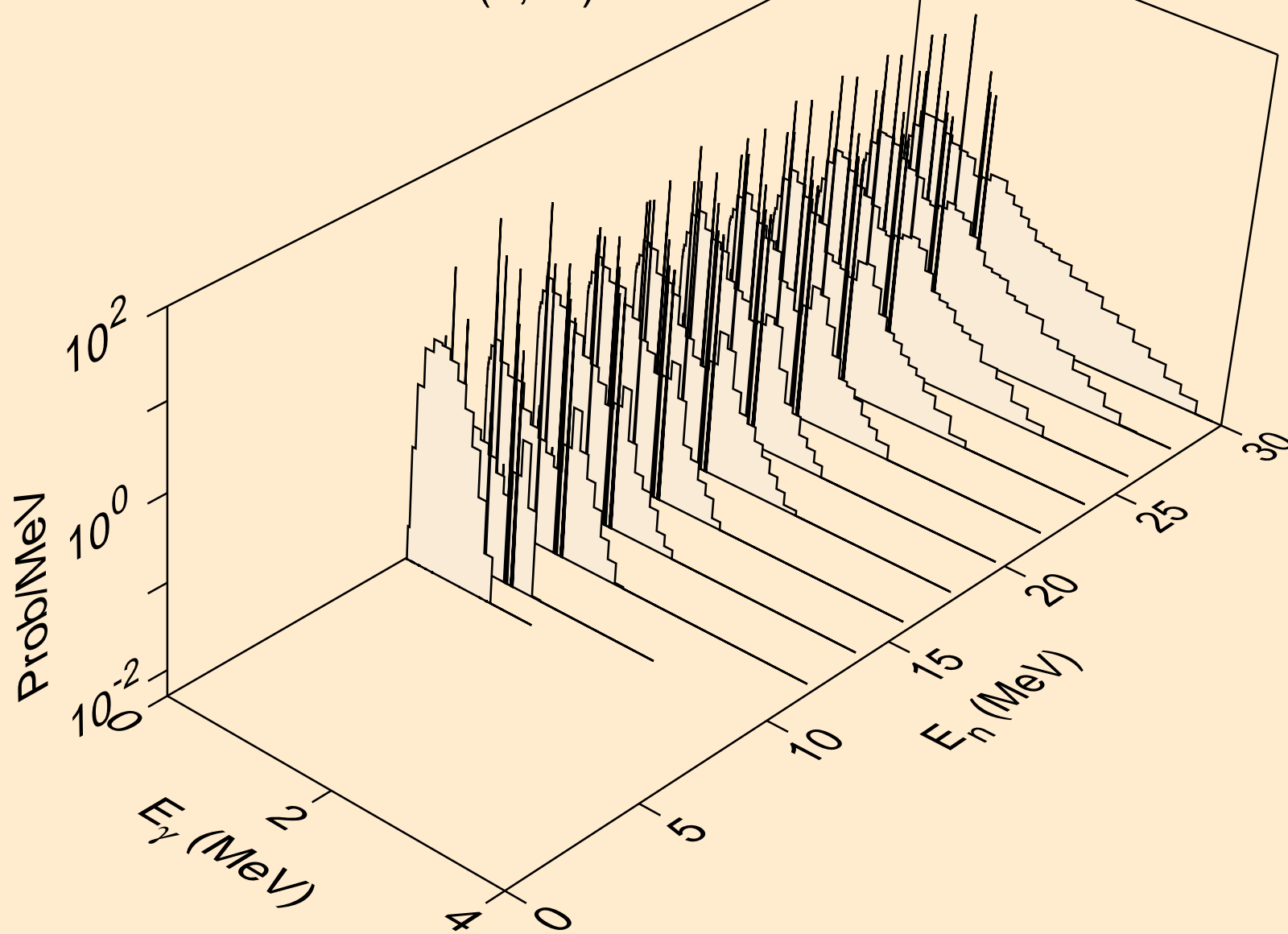


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

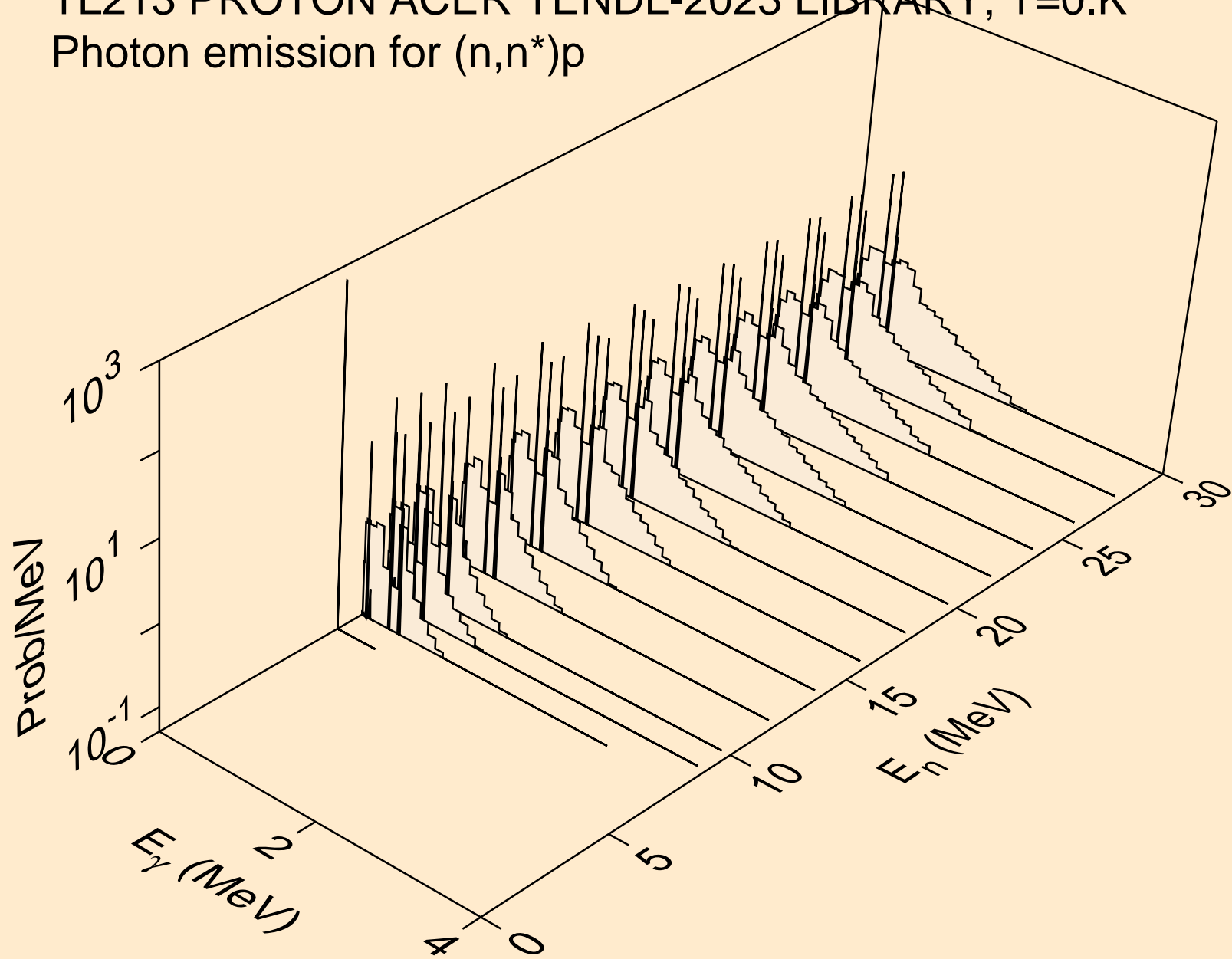




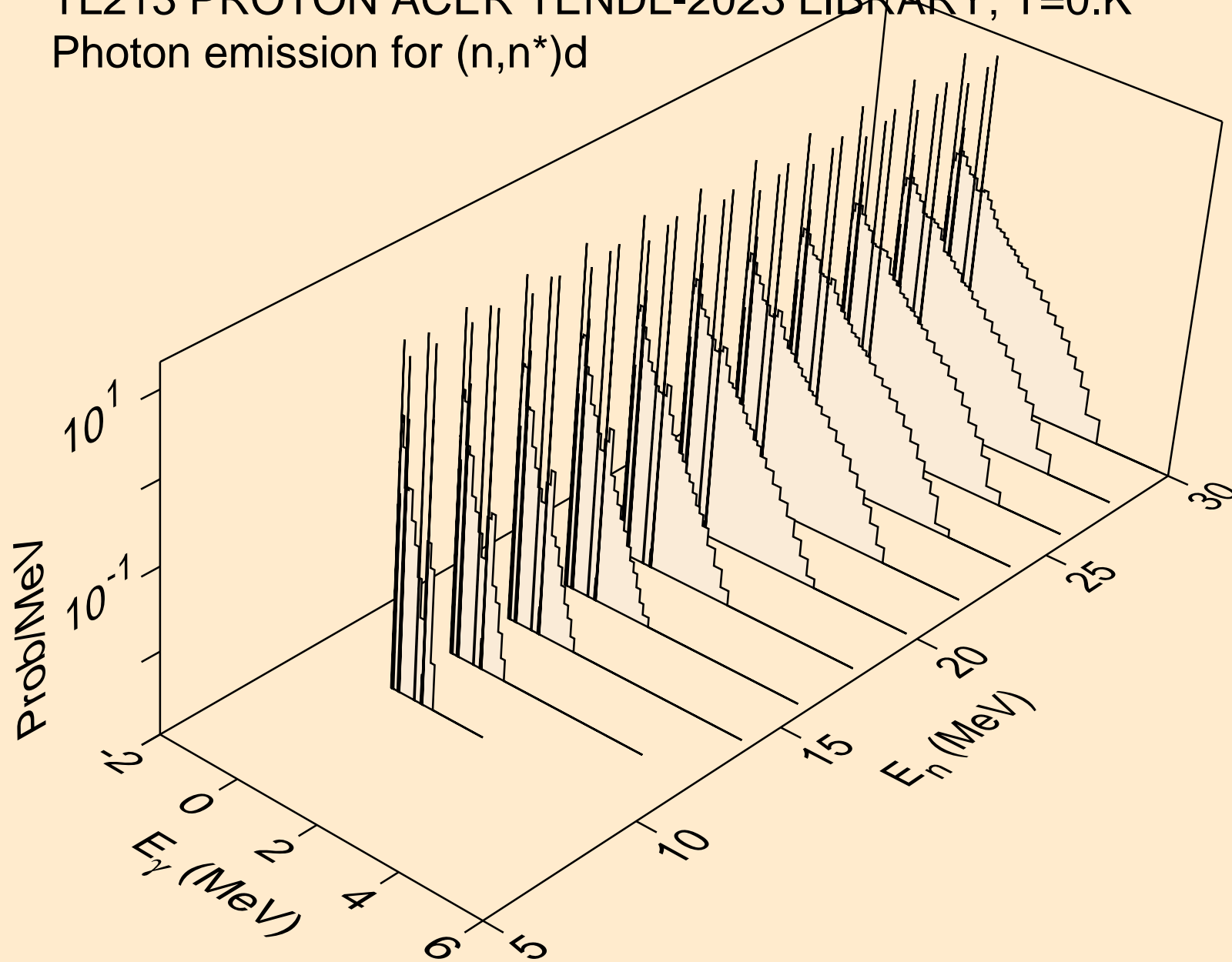
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



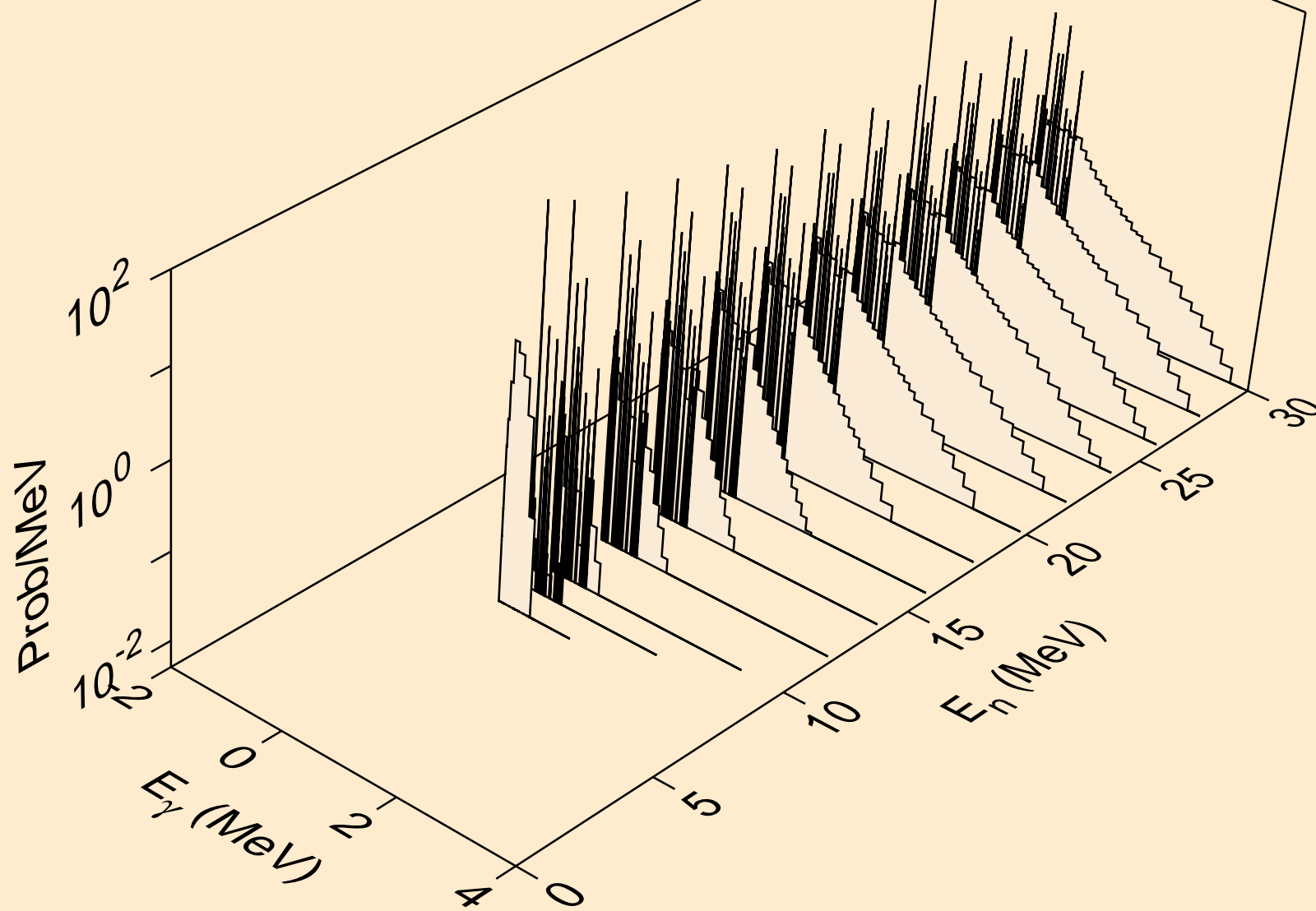
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



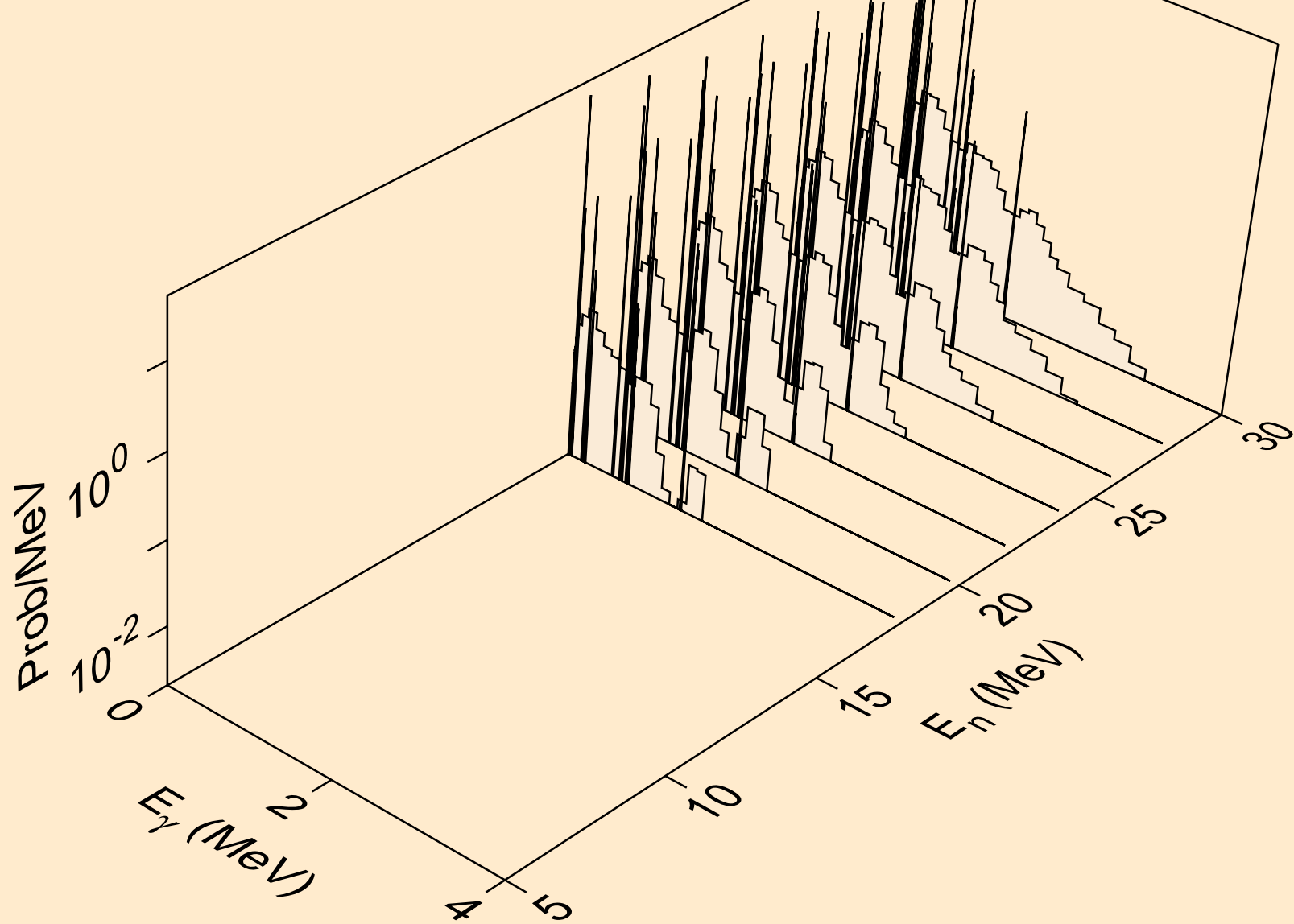
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



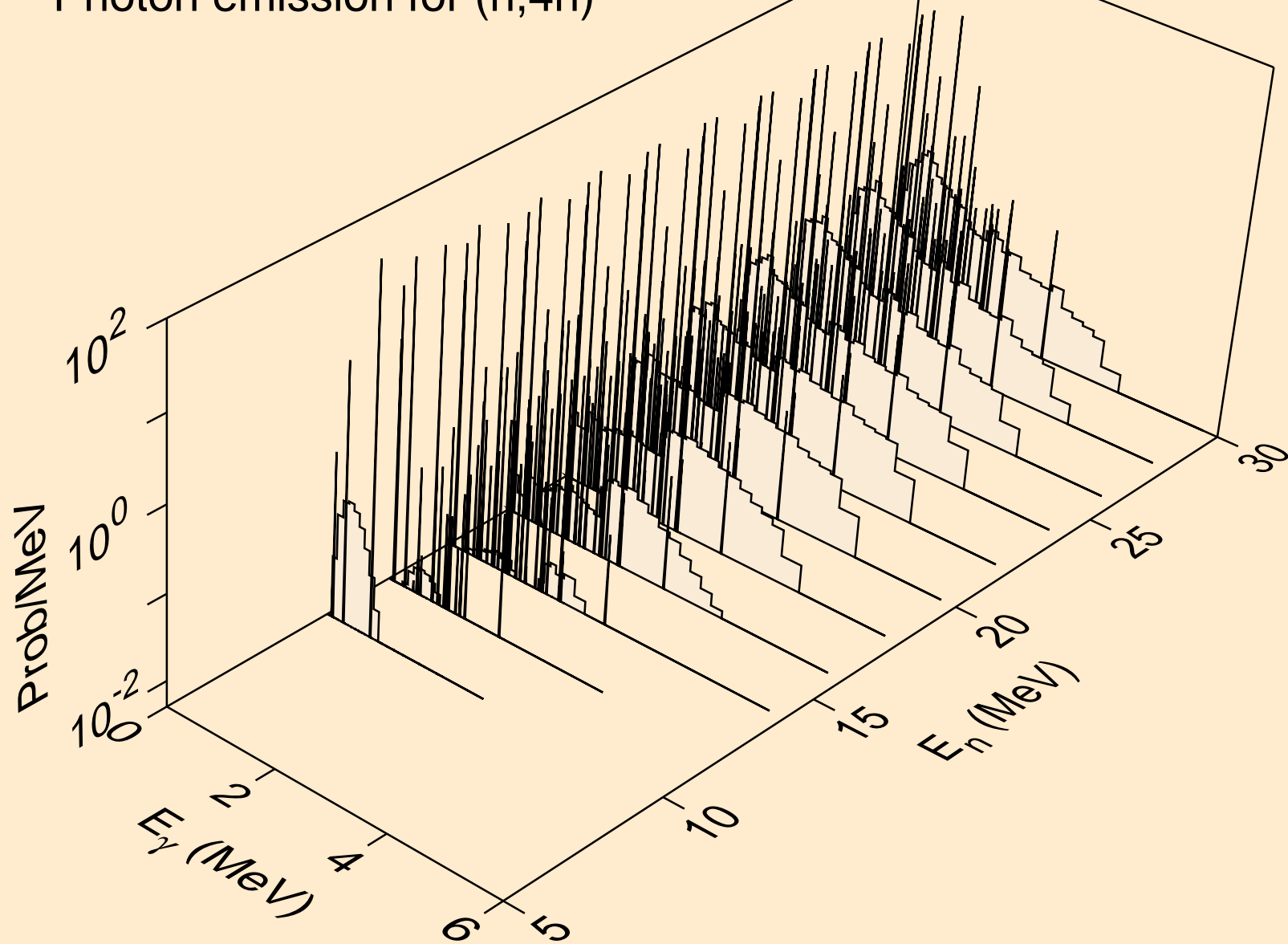
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



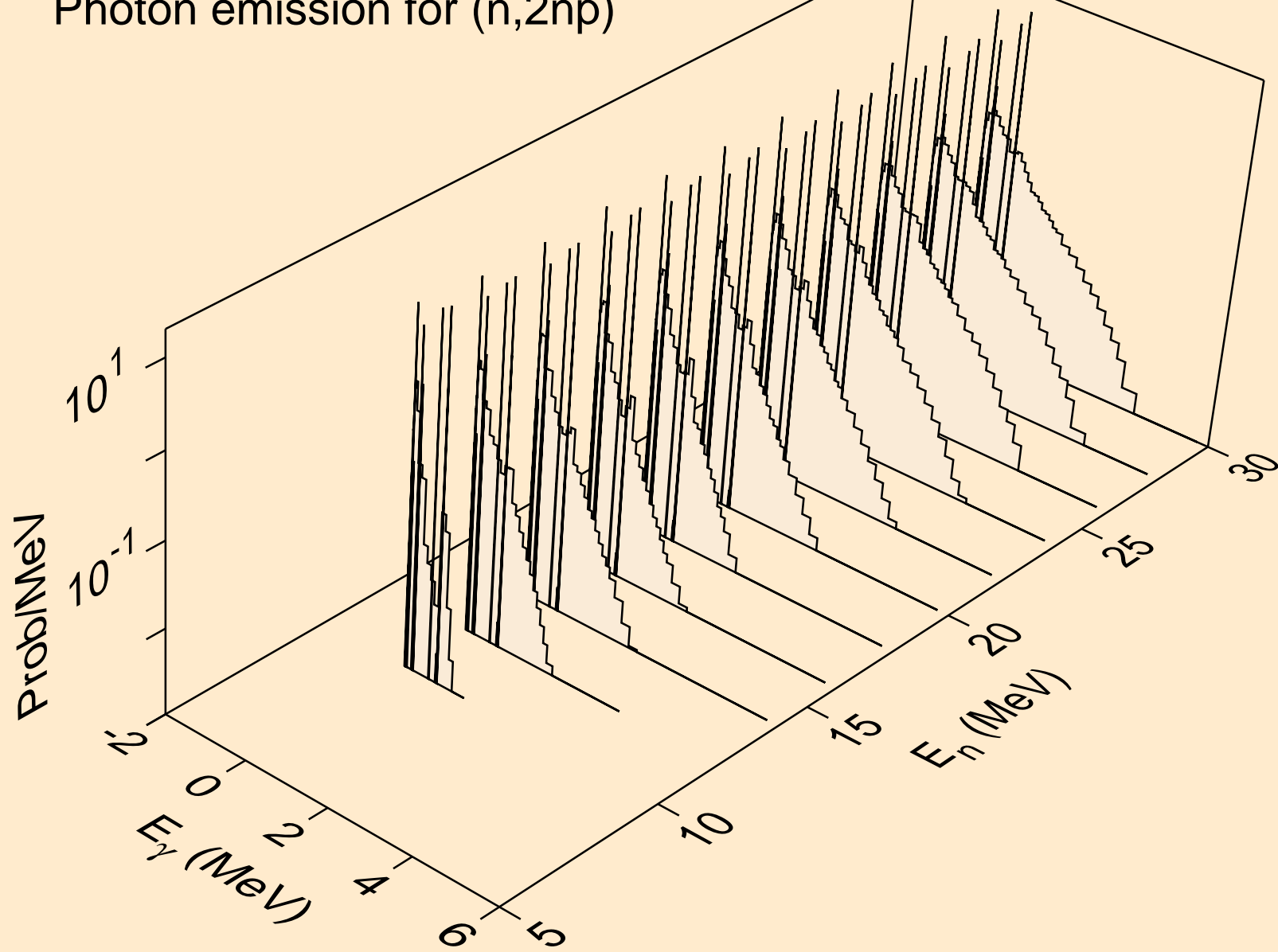
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



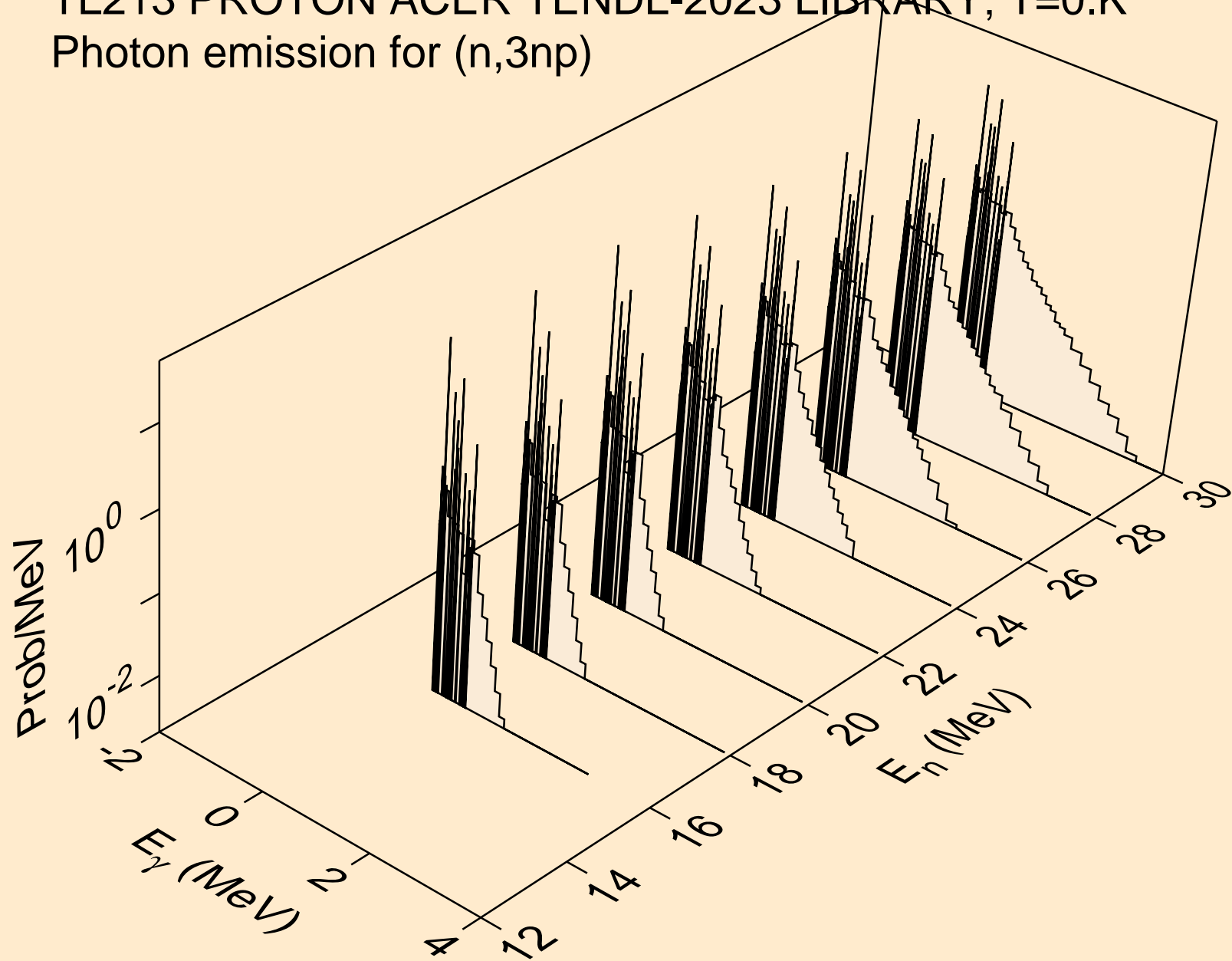
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

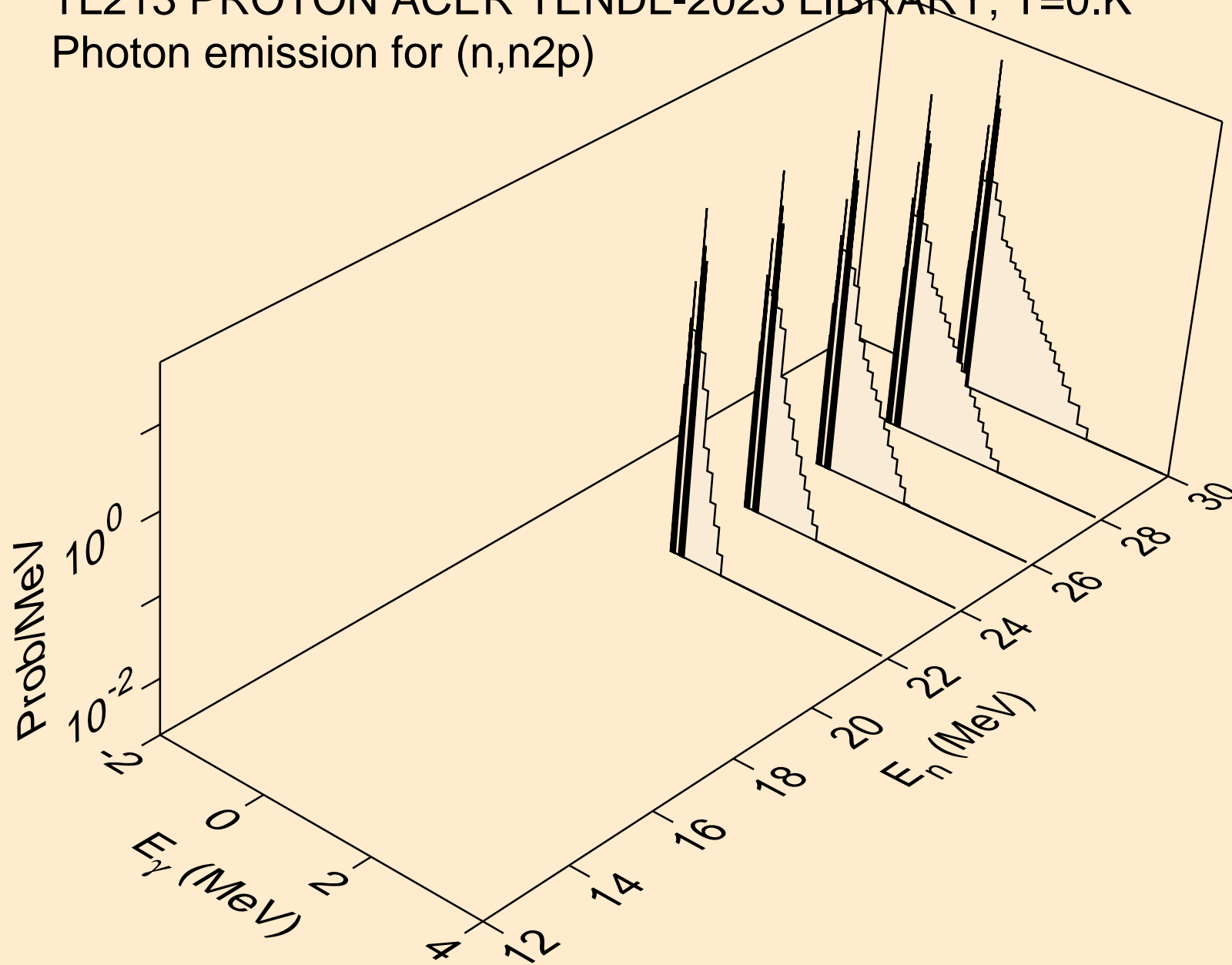


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

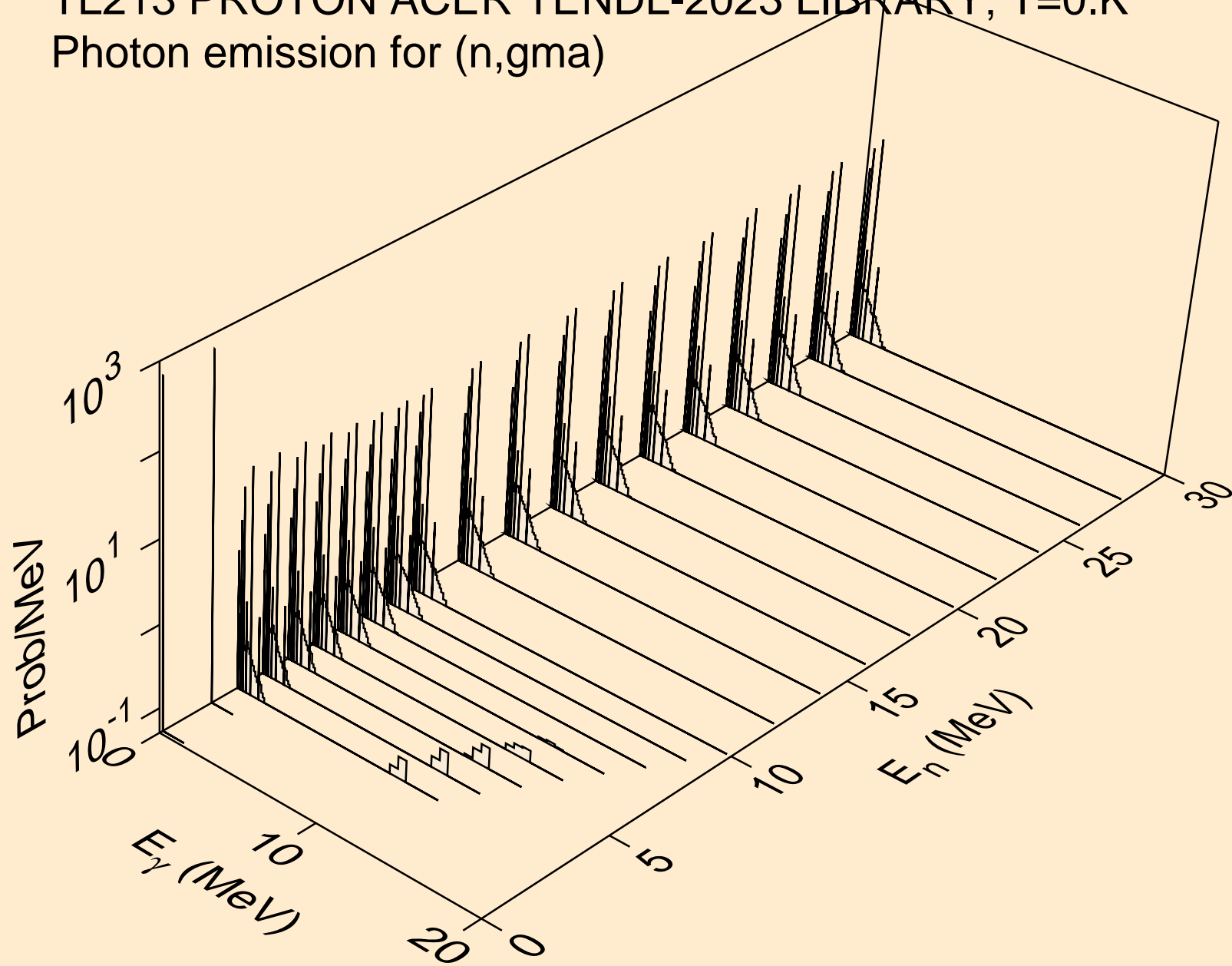




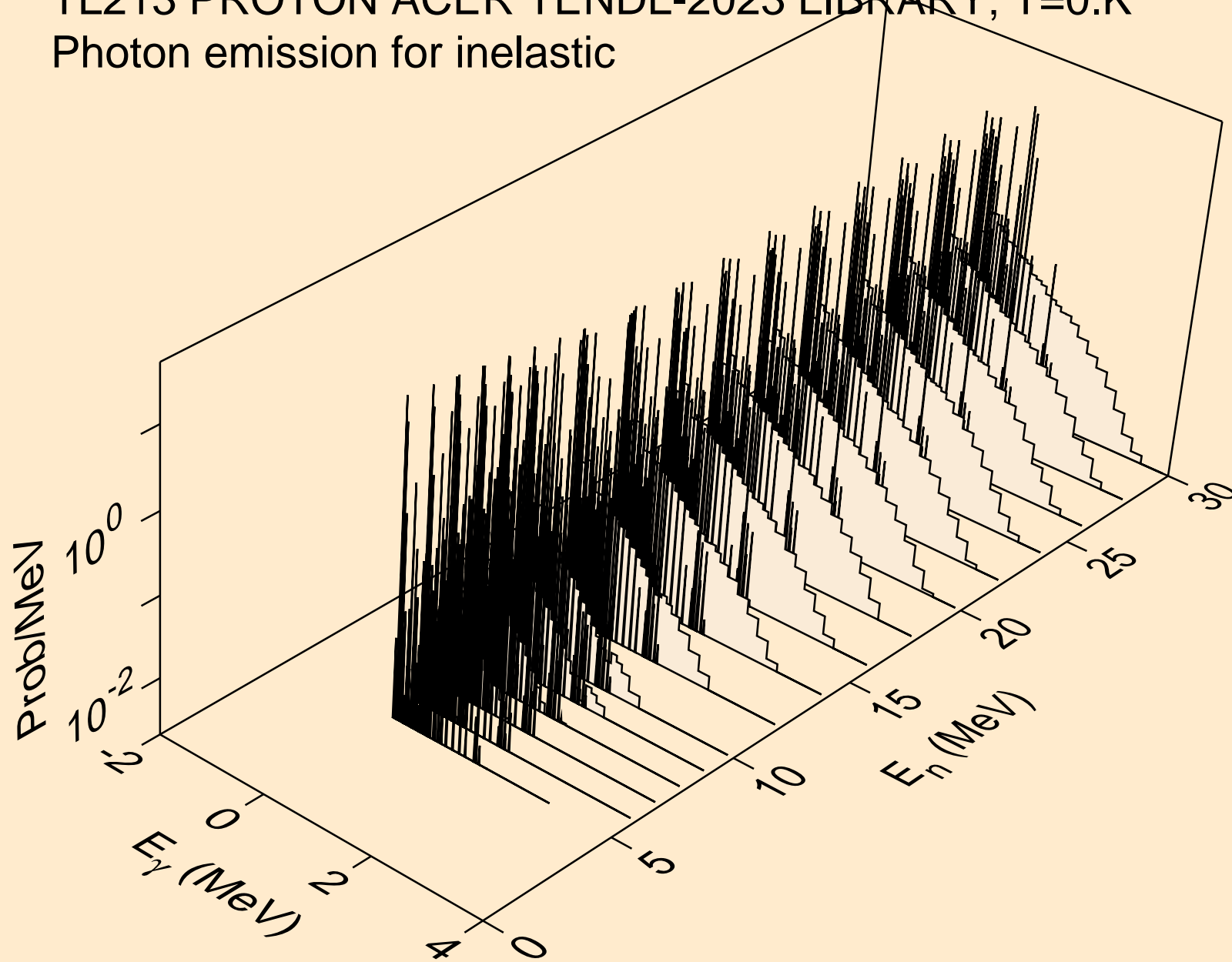
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Photon emission for (n,n2p)



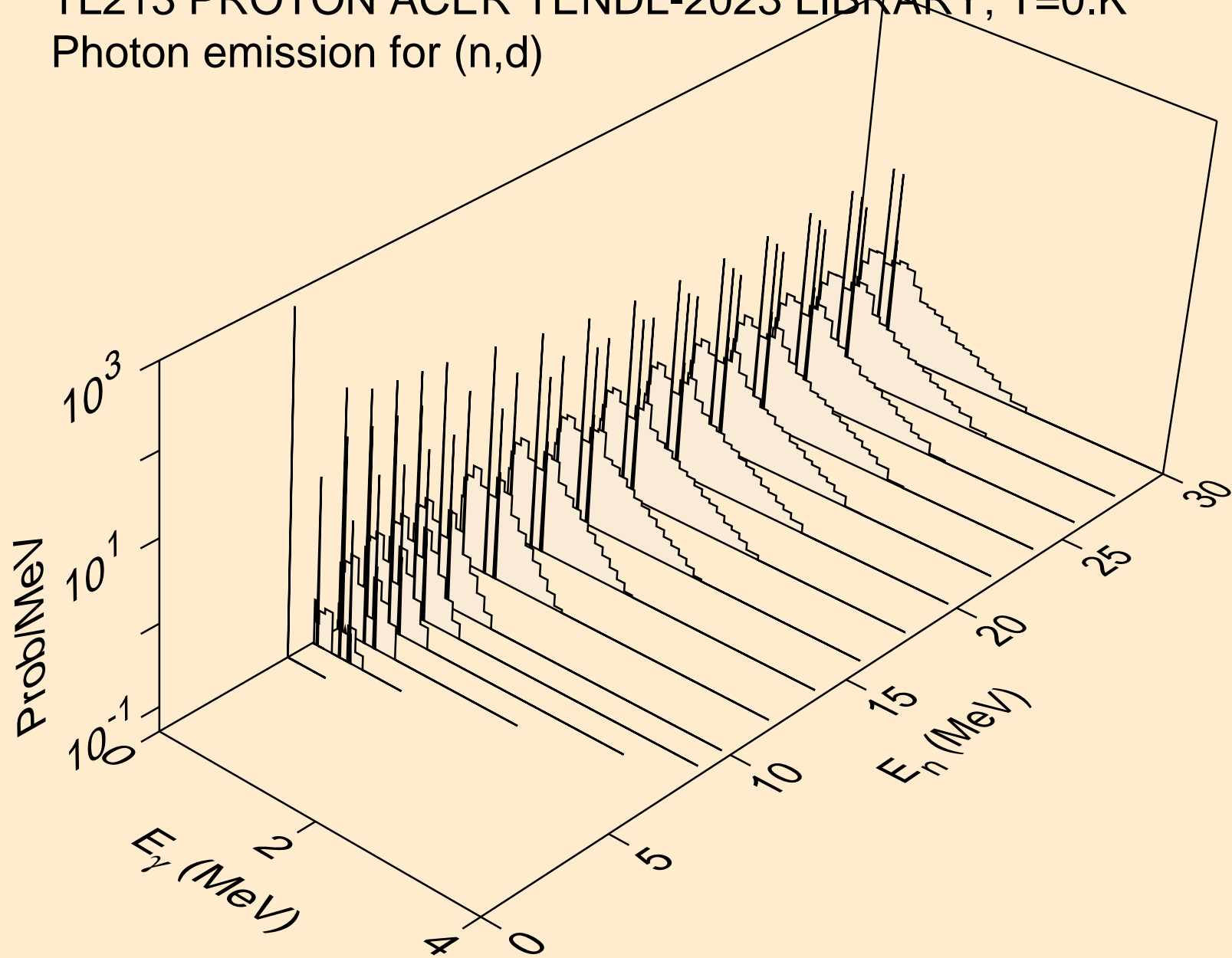
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Photon emission for (n,gma)



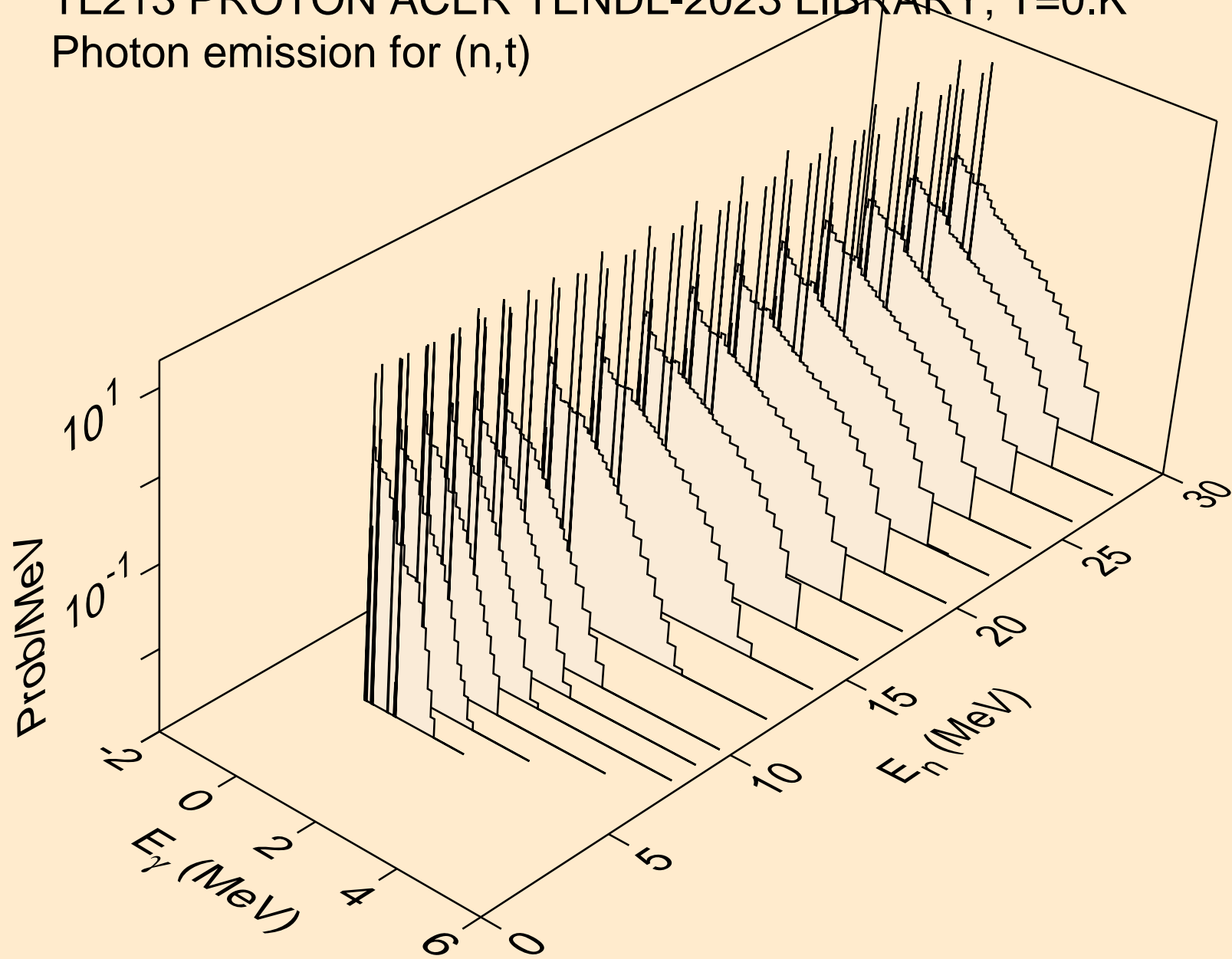
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



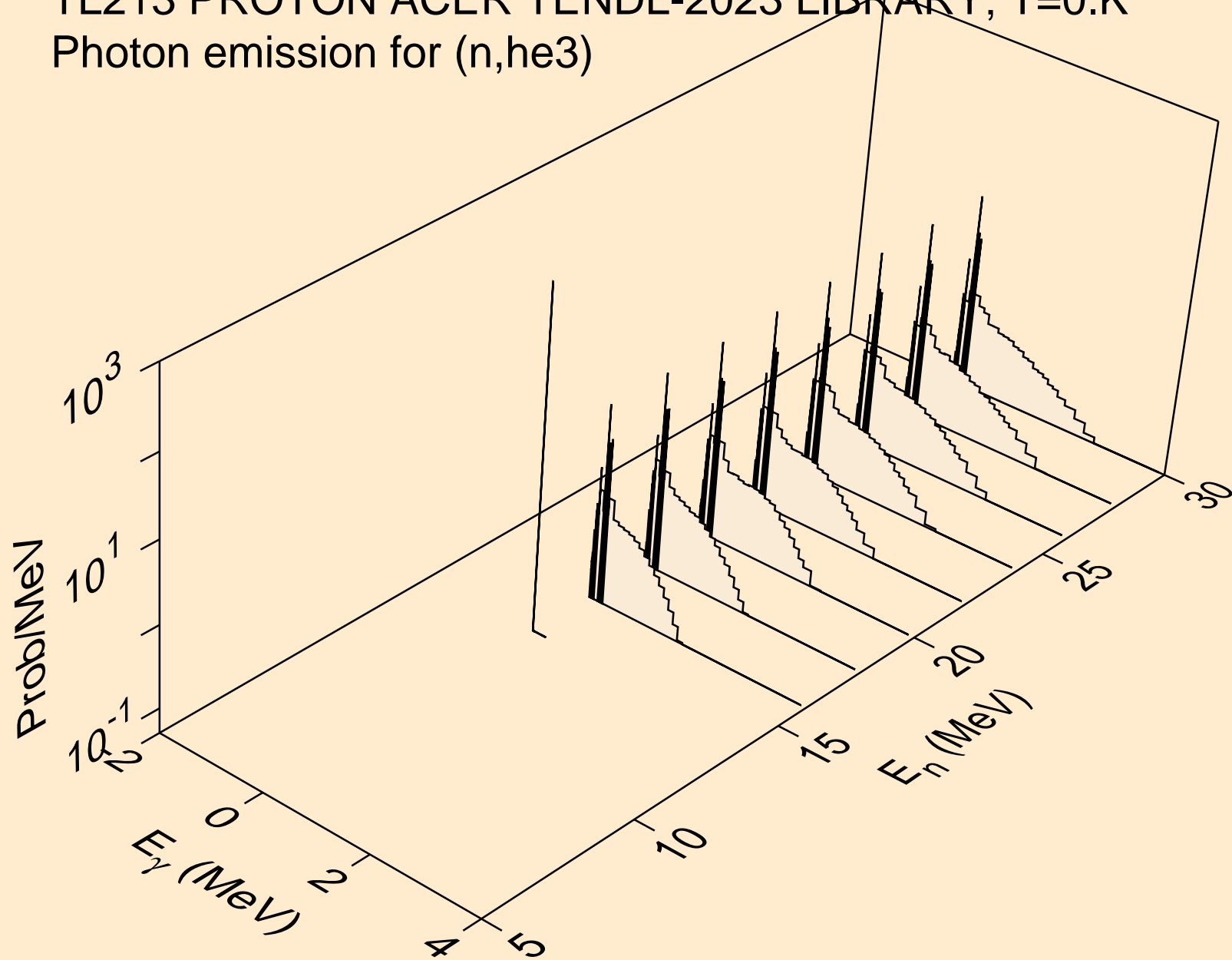
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



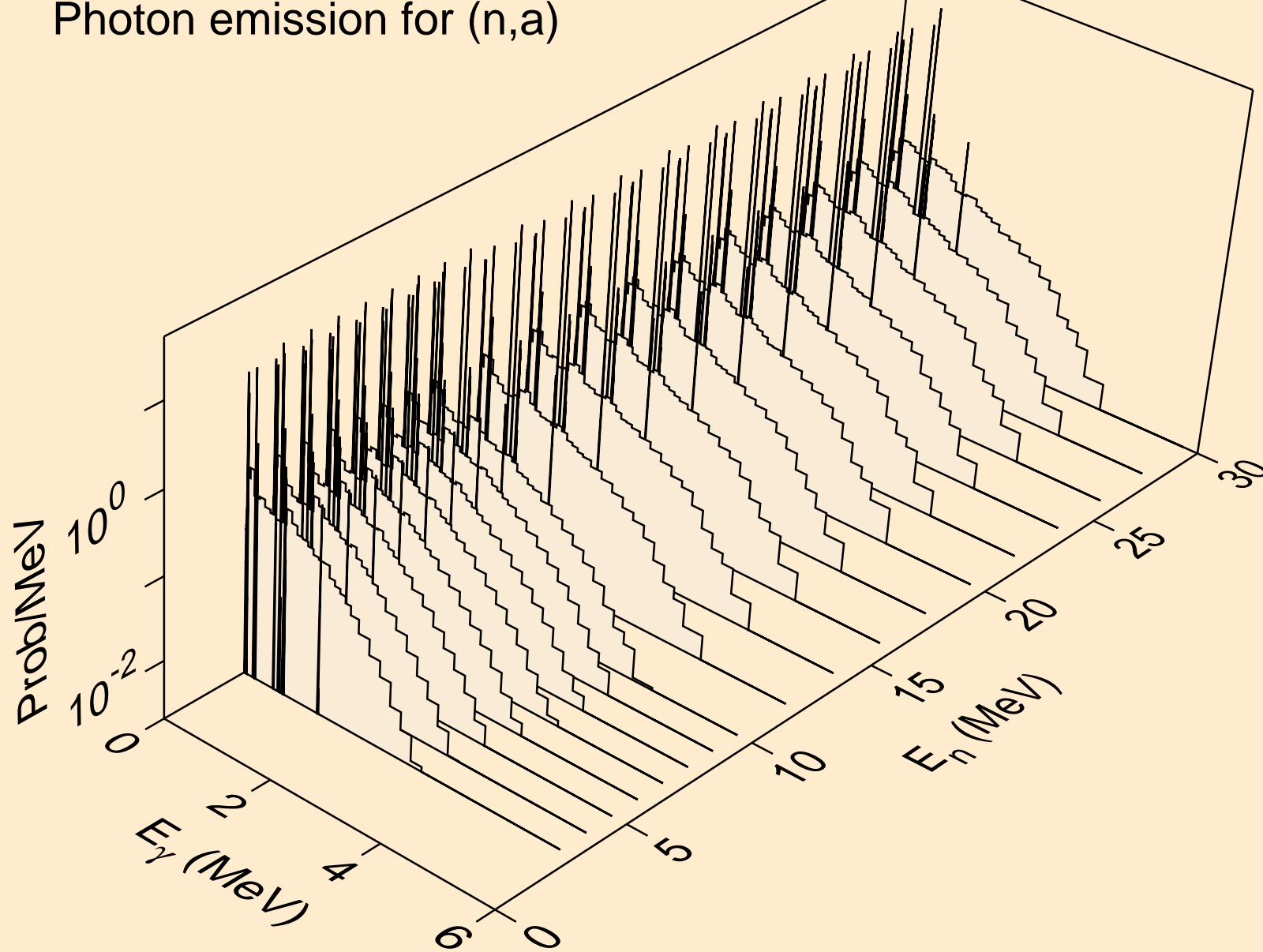
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



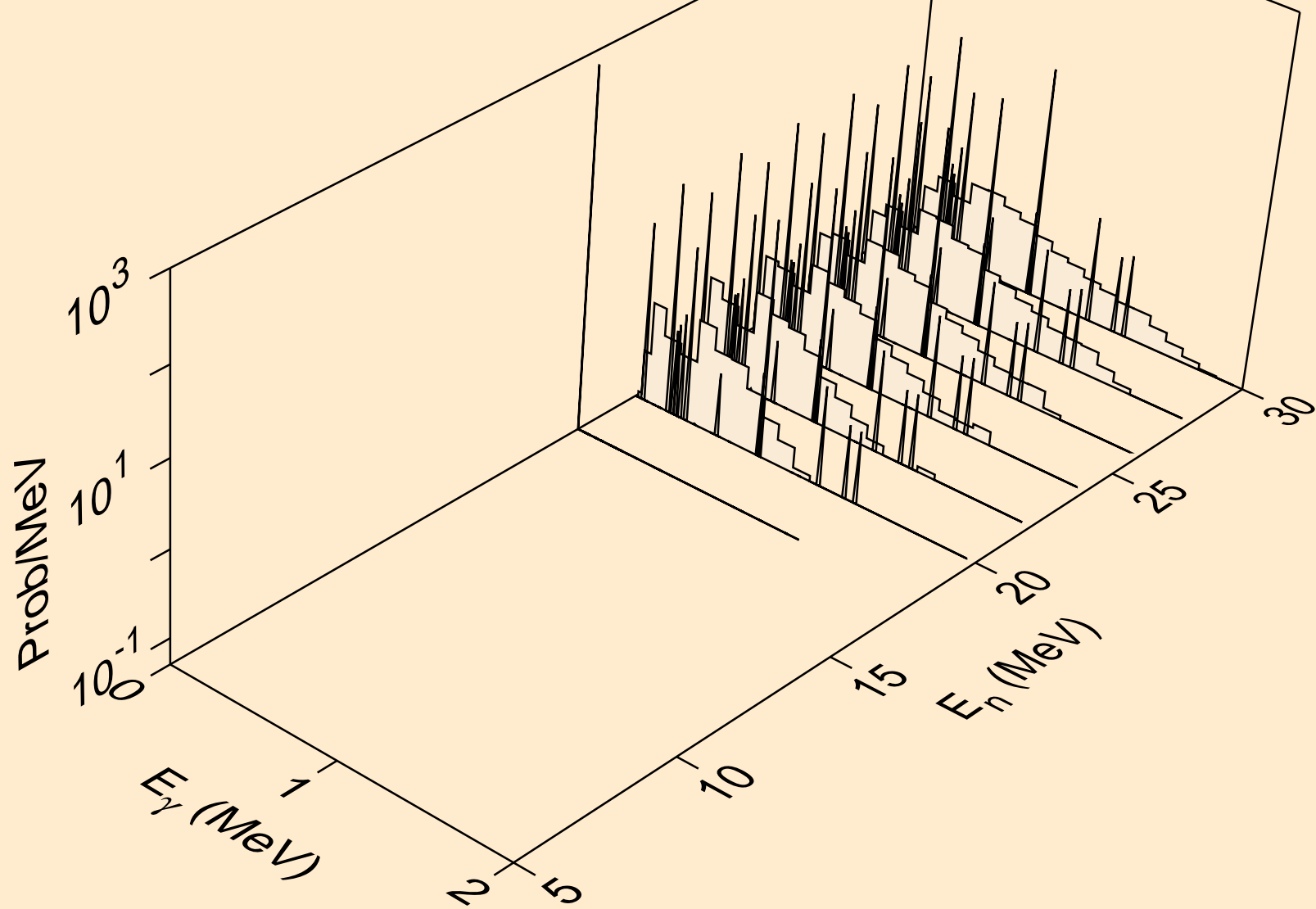
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



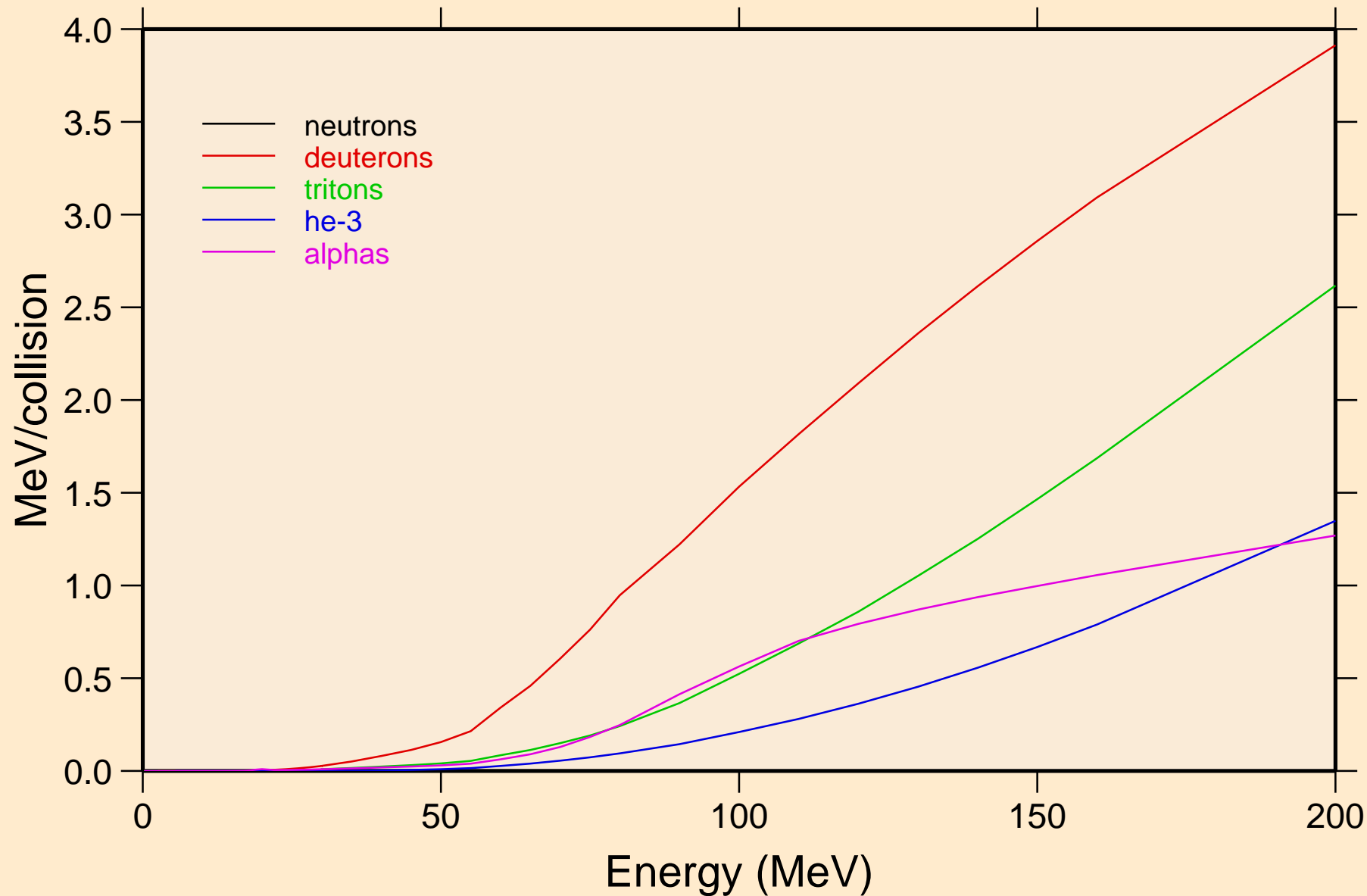
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



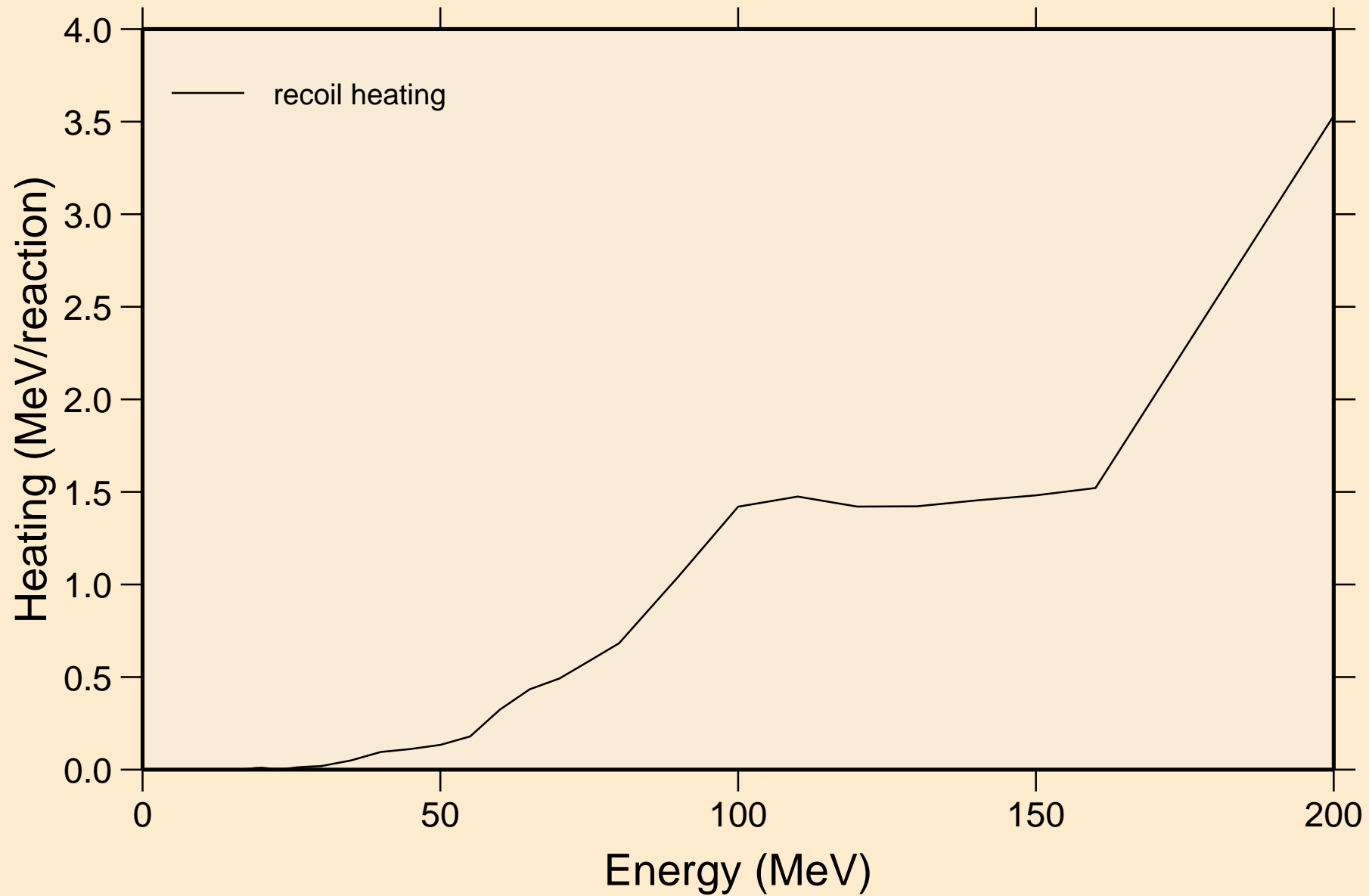


# TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K

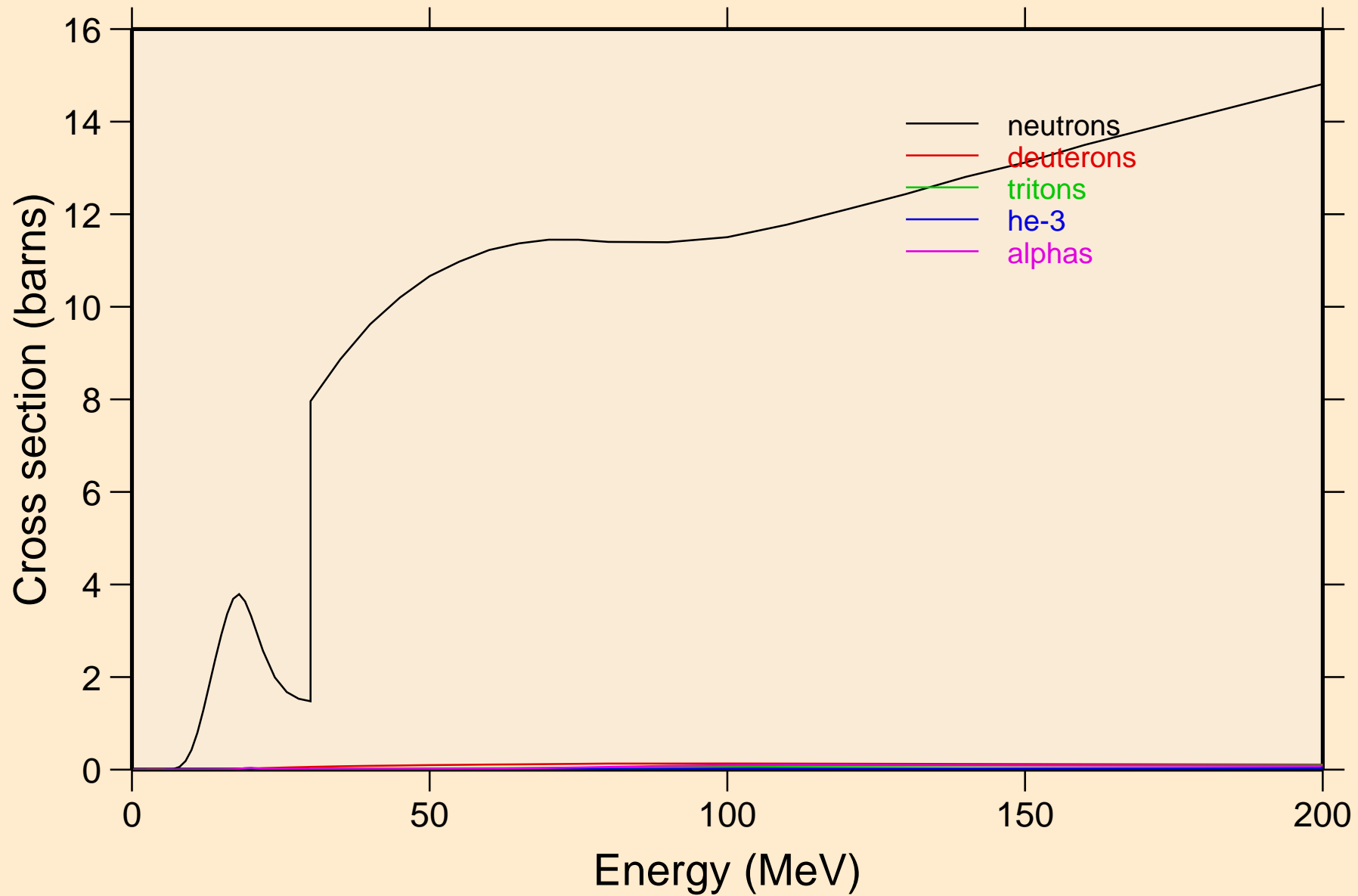
## Particle heating contributions



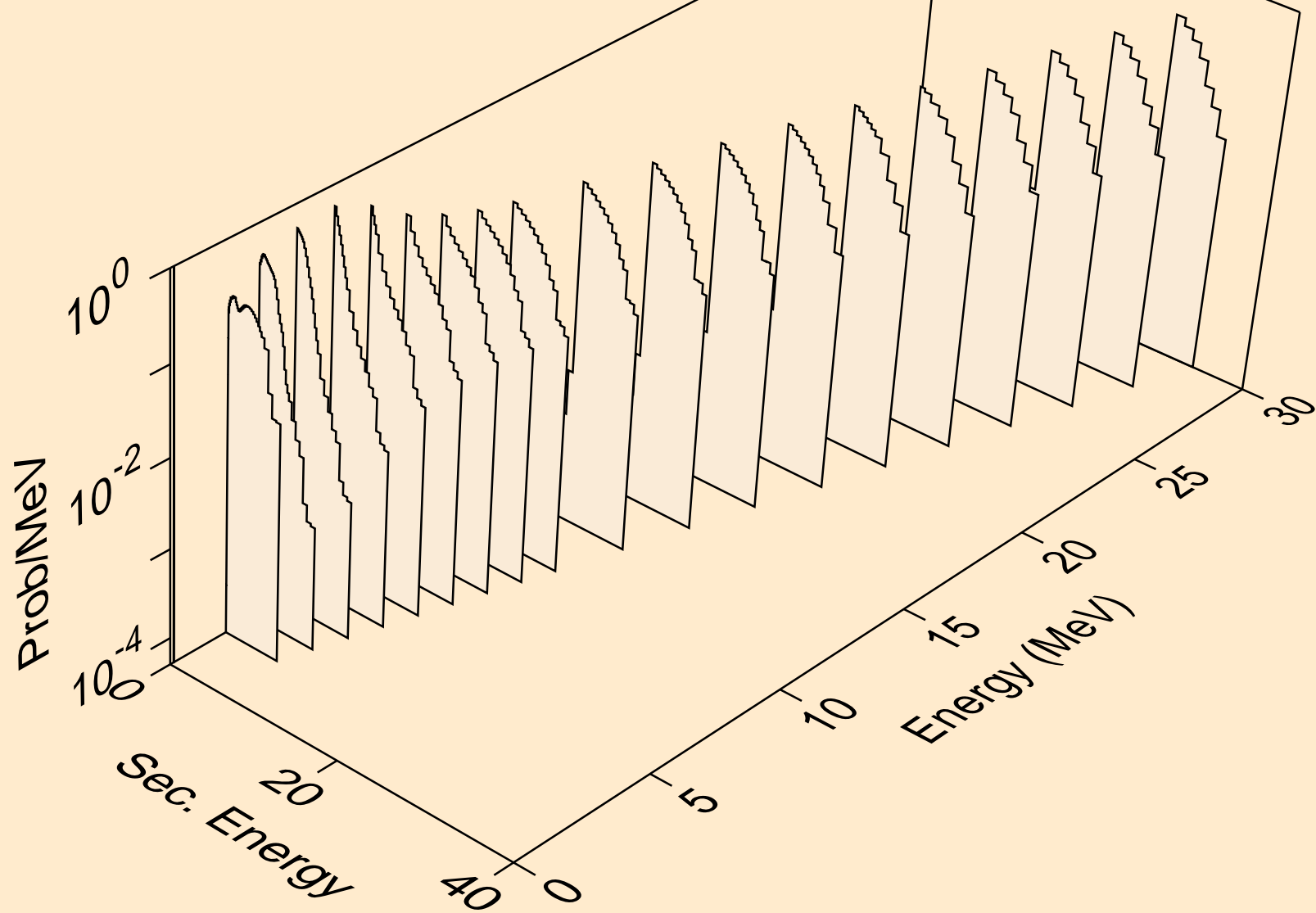
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



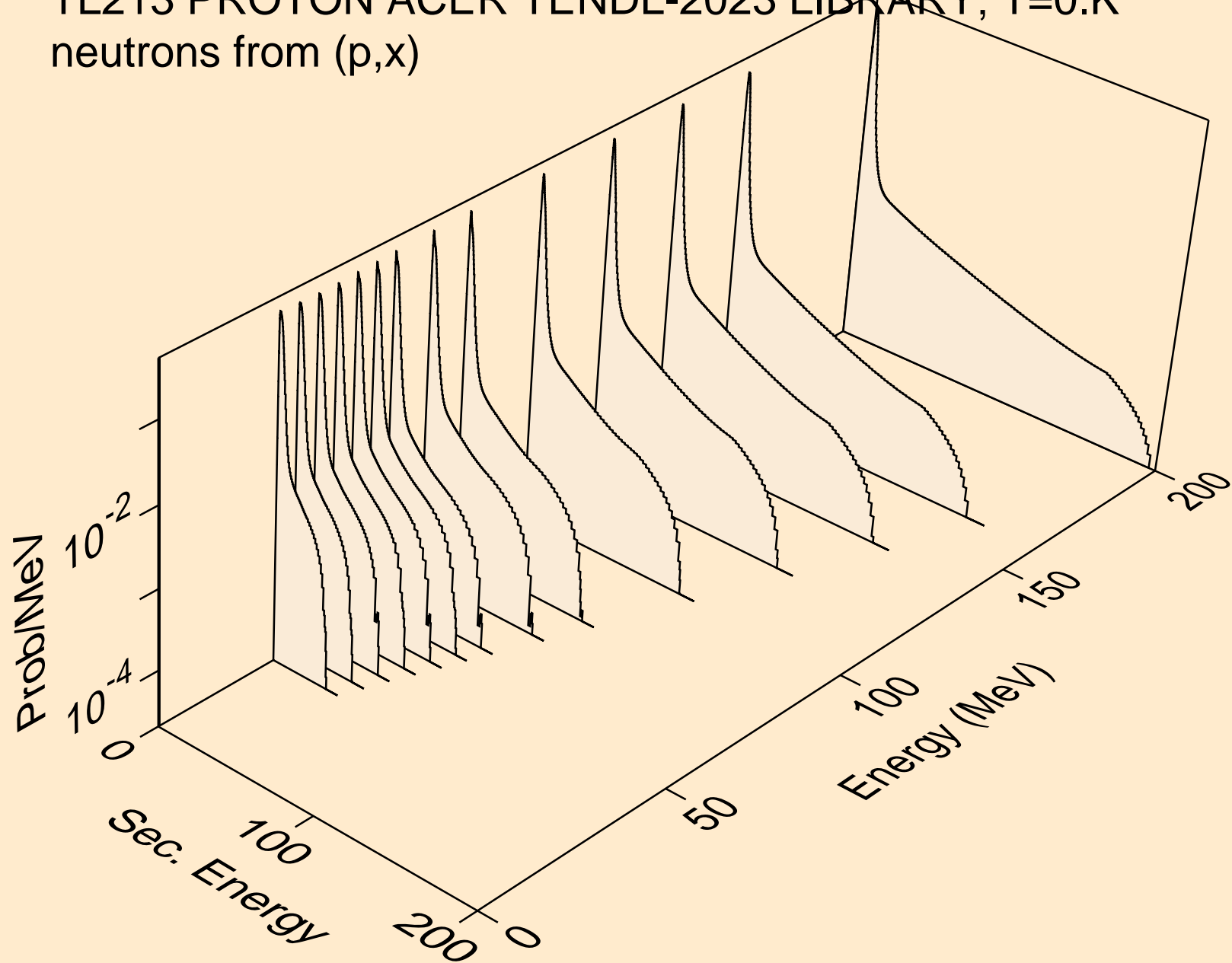
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



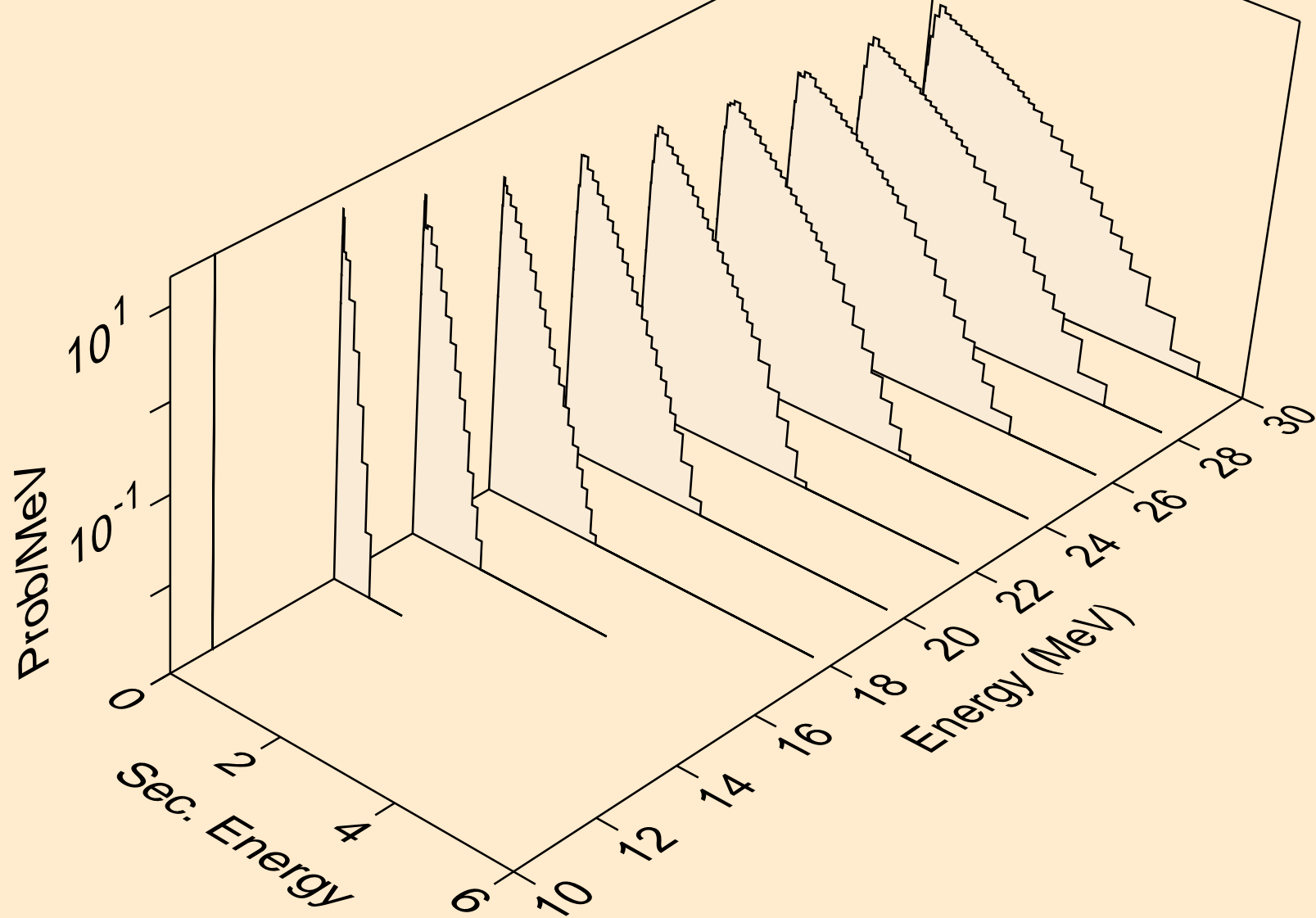
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



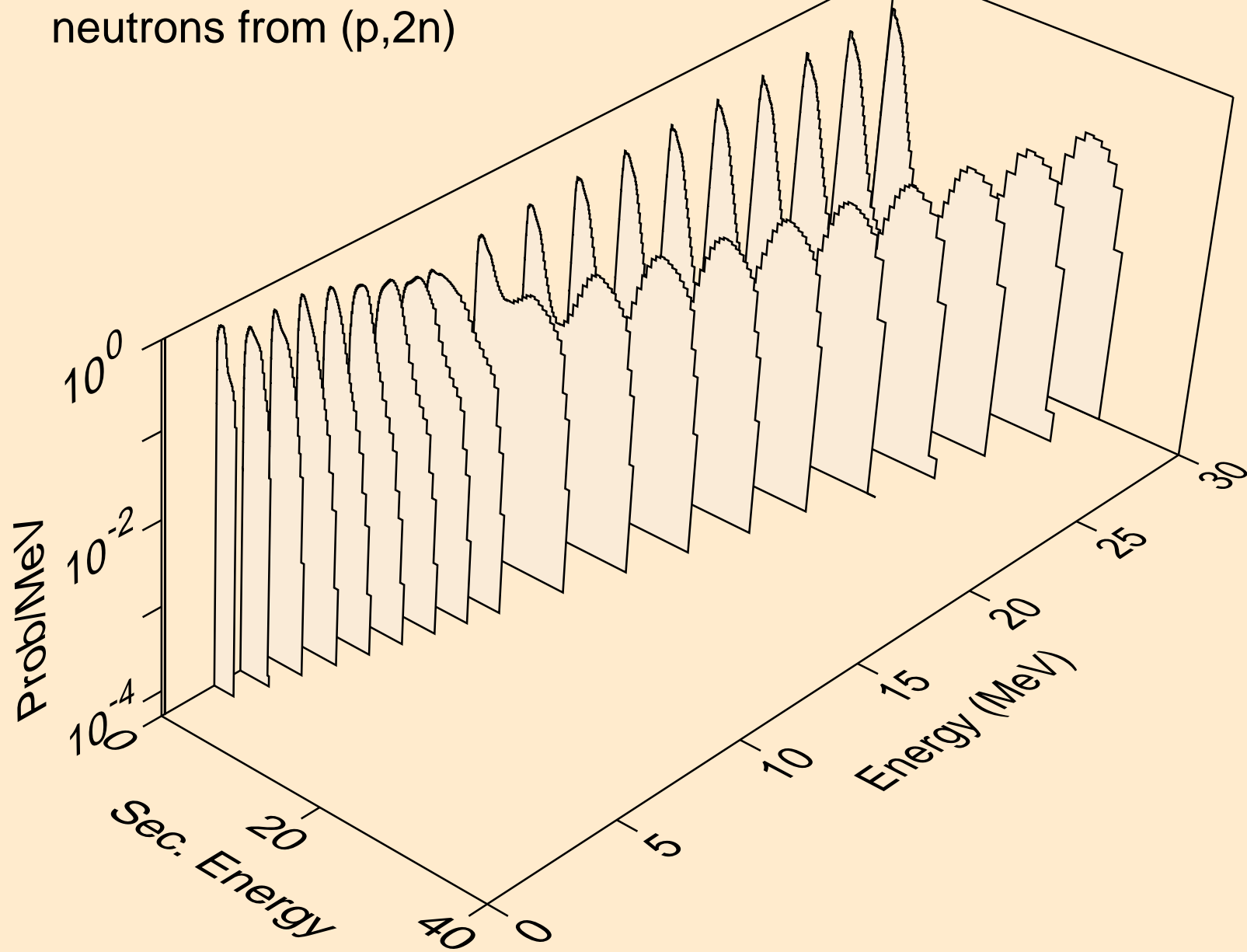
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



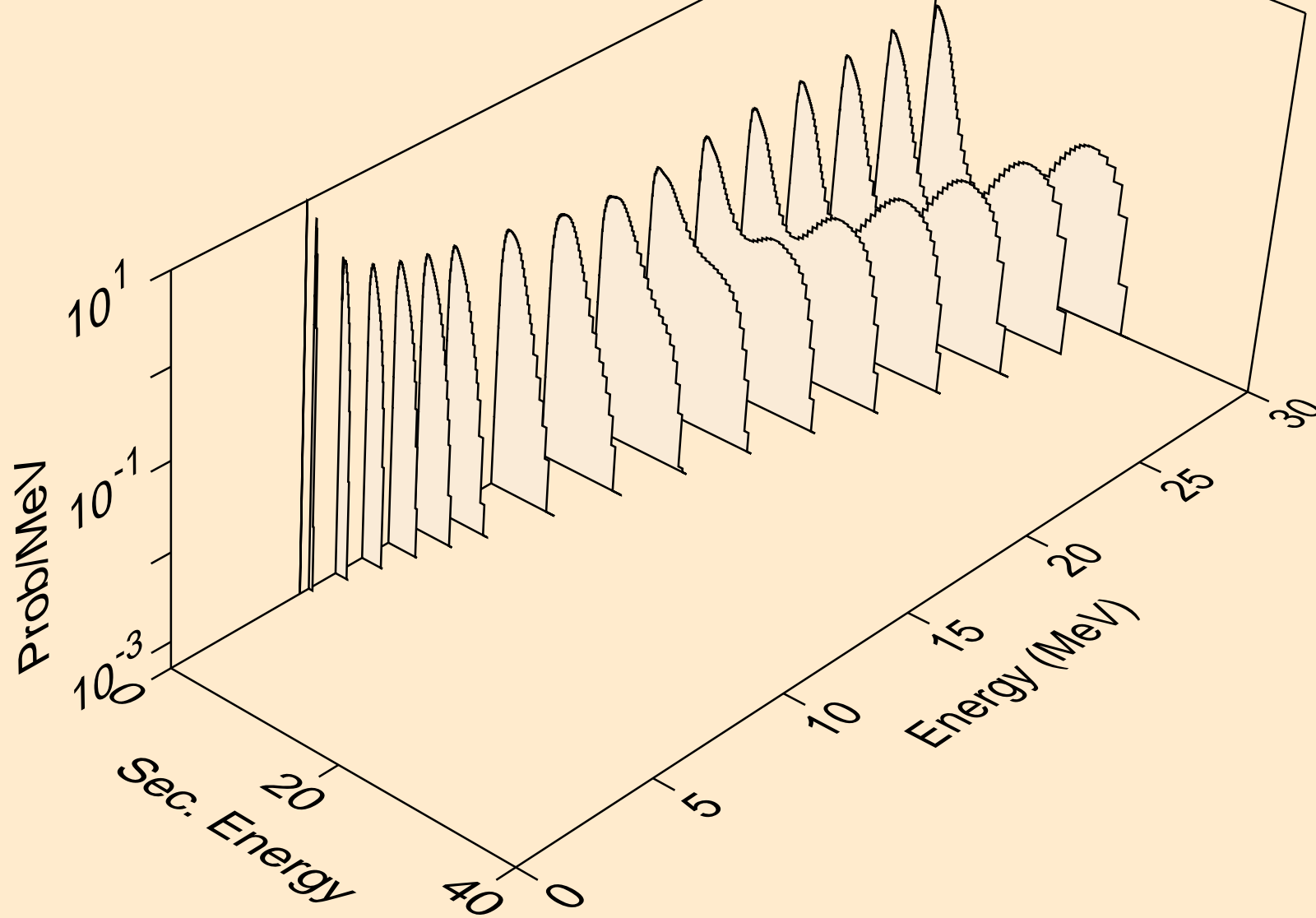
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

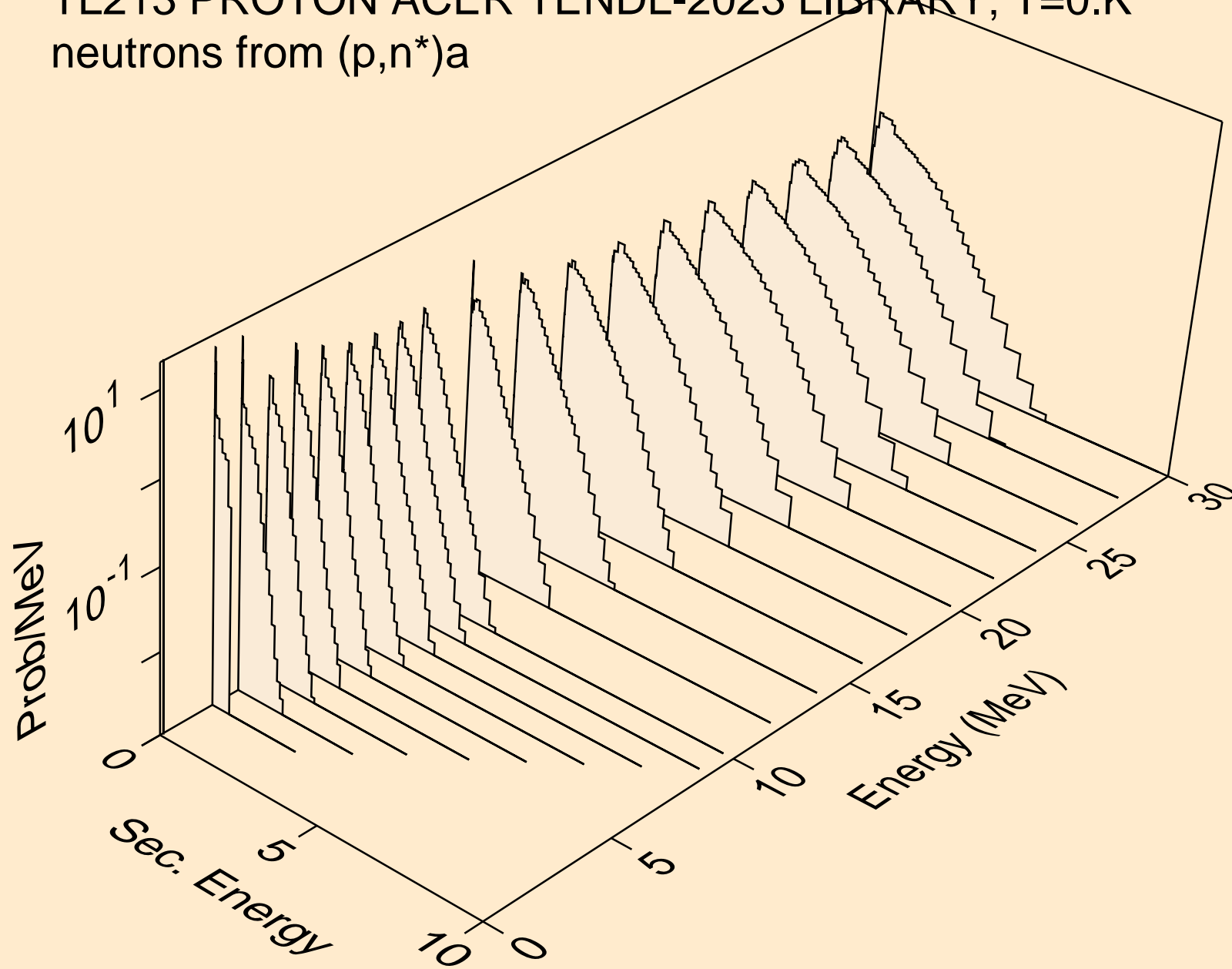


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

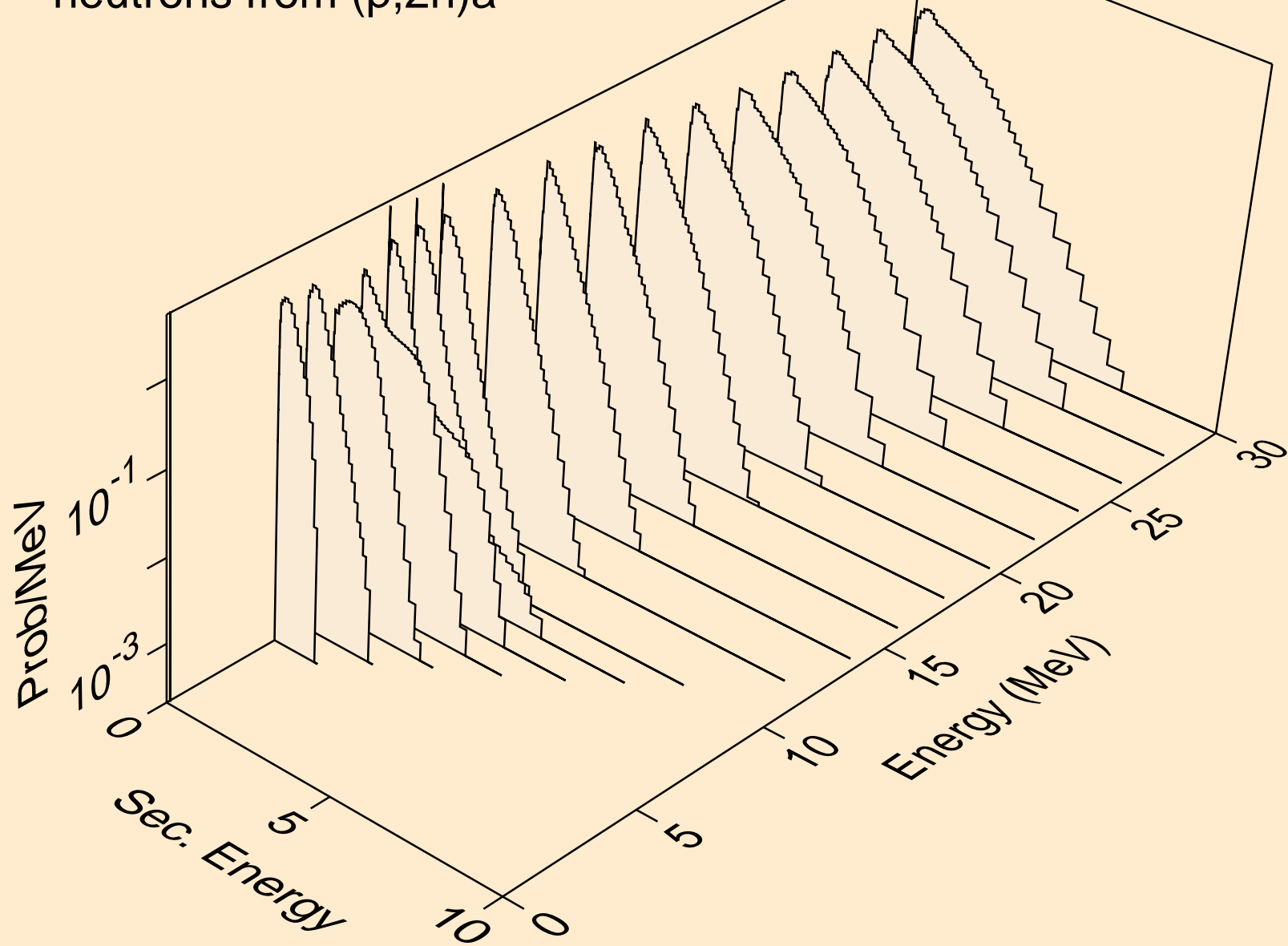




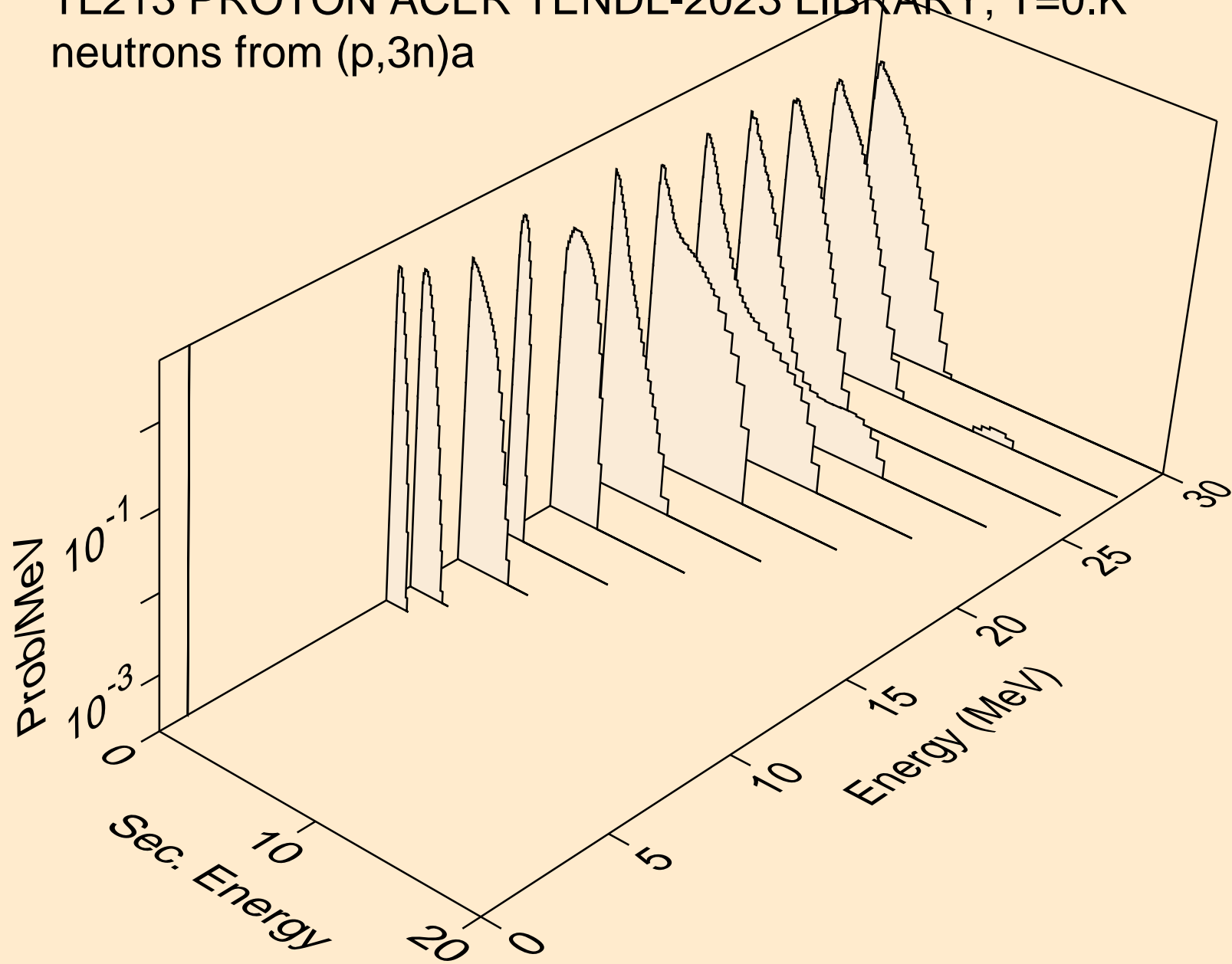
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



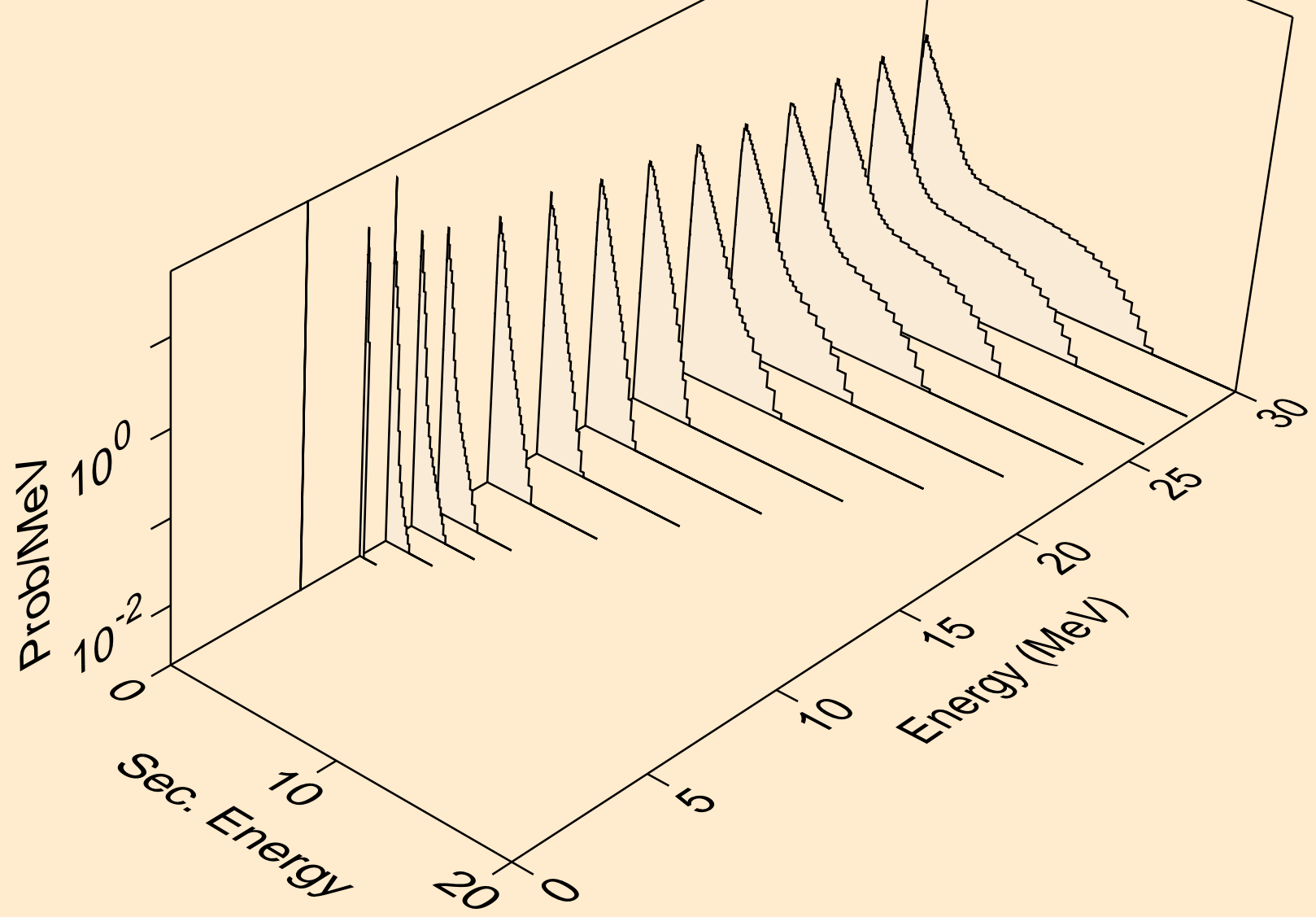
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



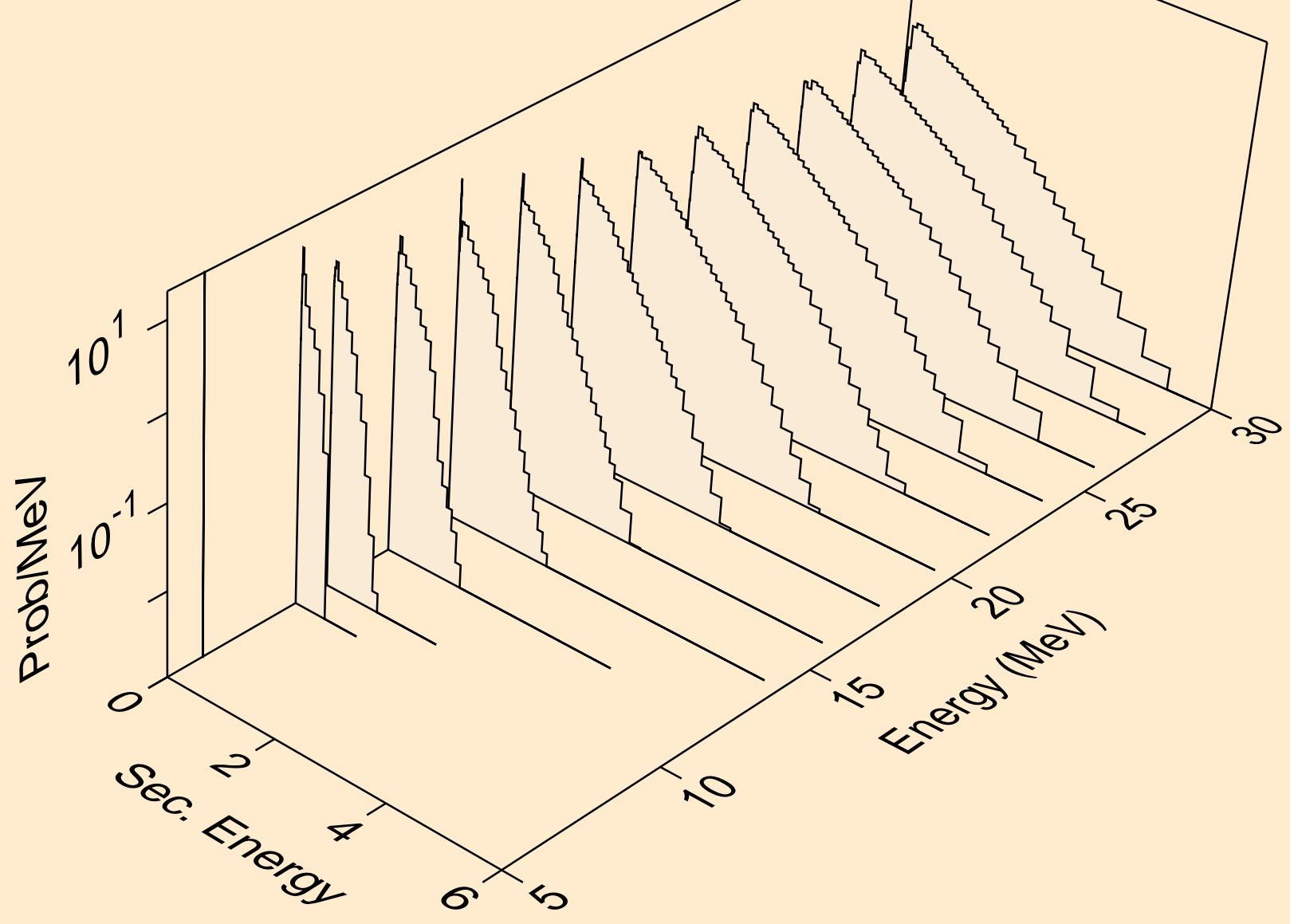
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neutrons from (p,3n)a



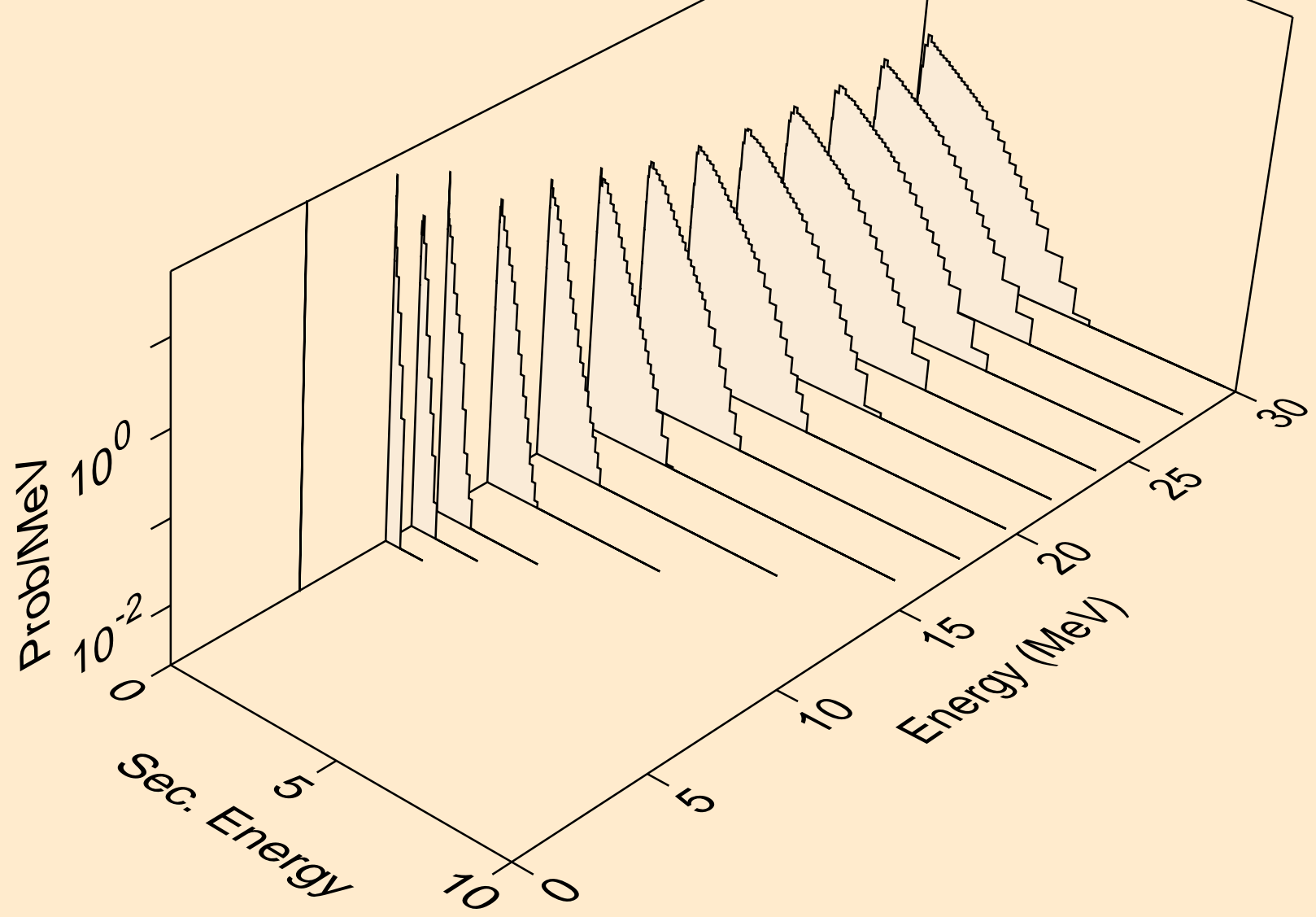
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



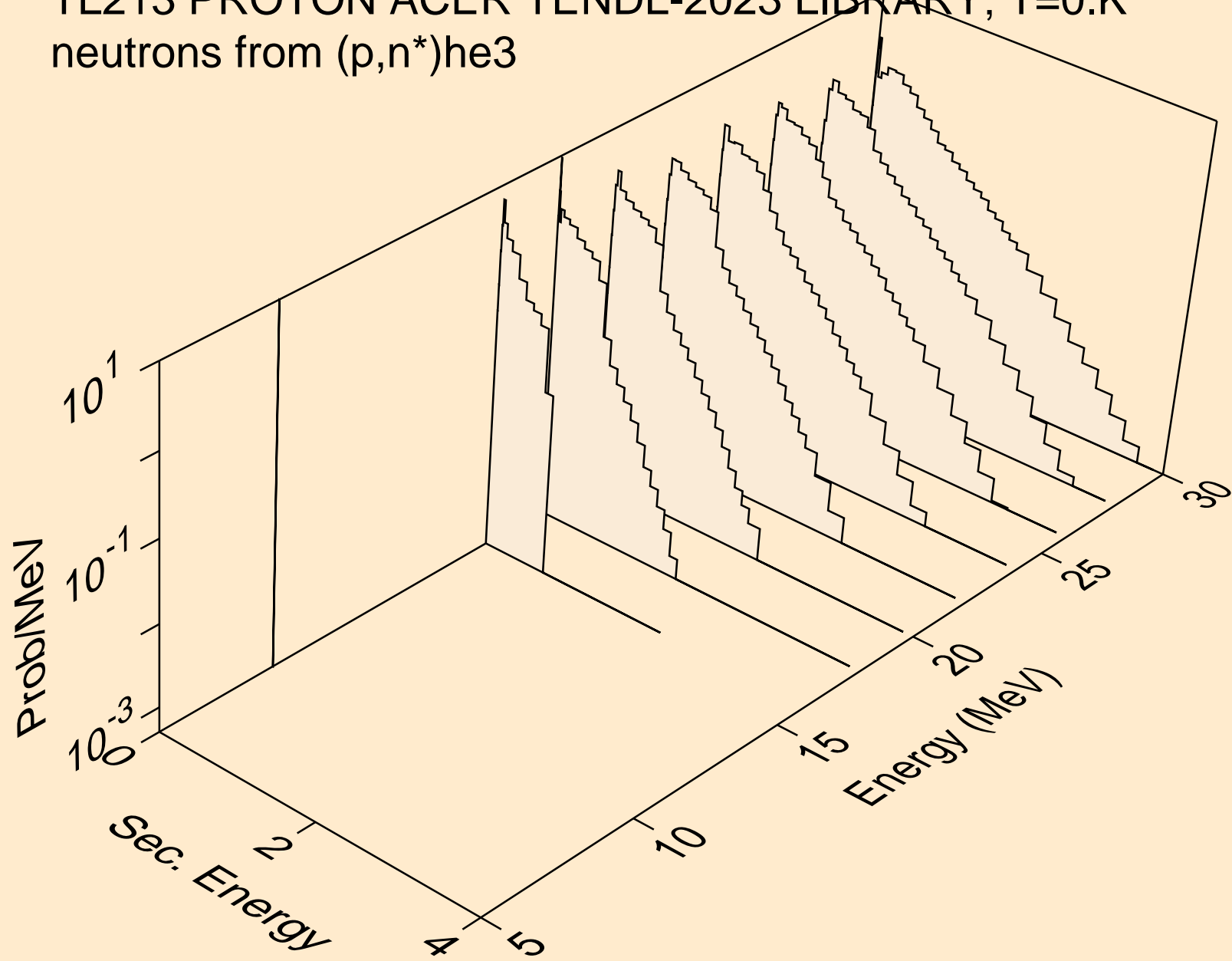
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



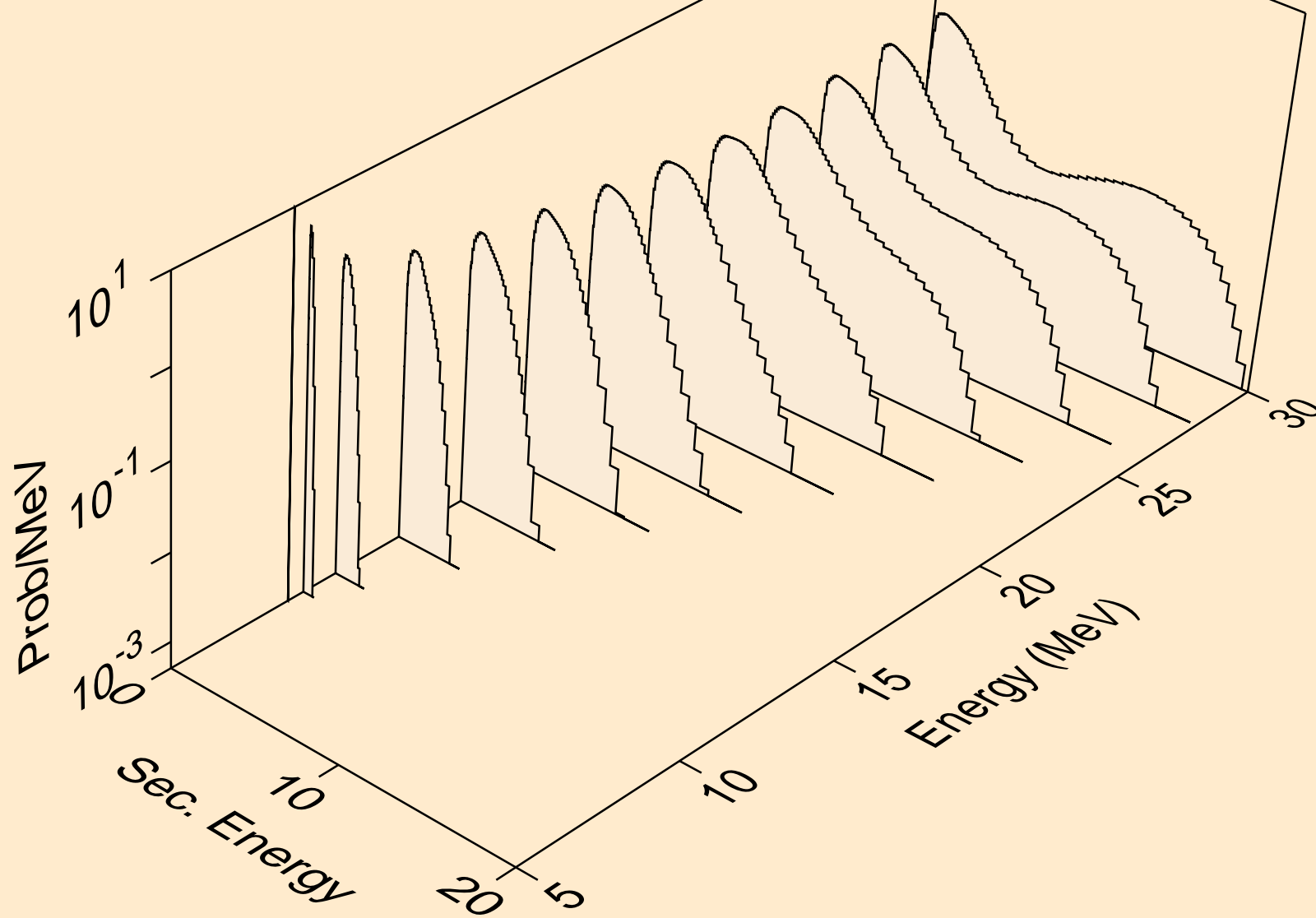
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

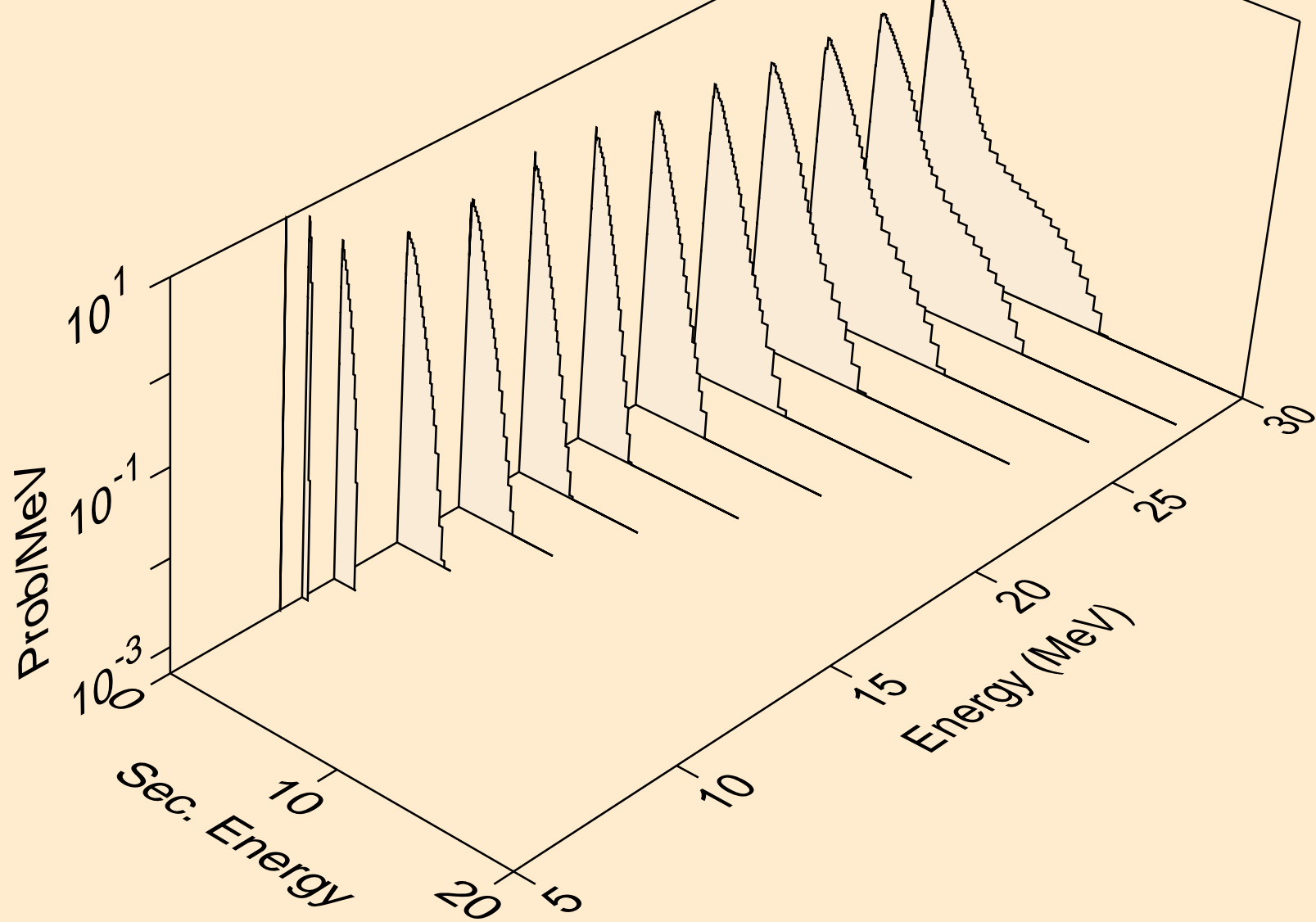


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

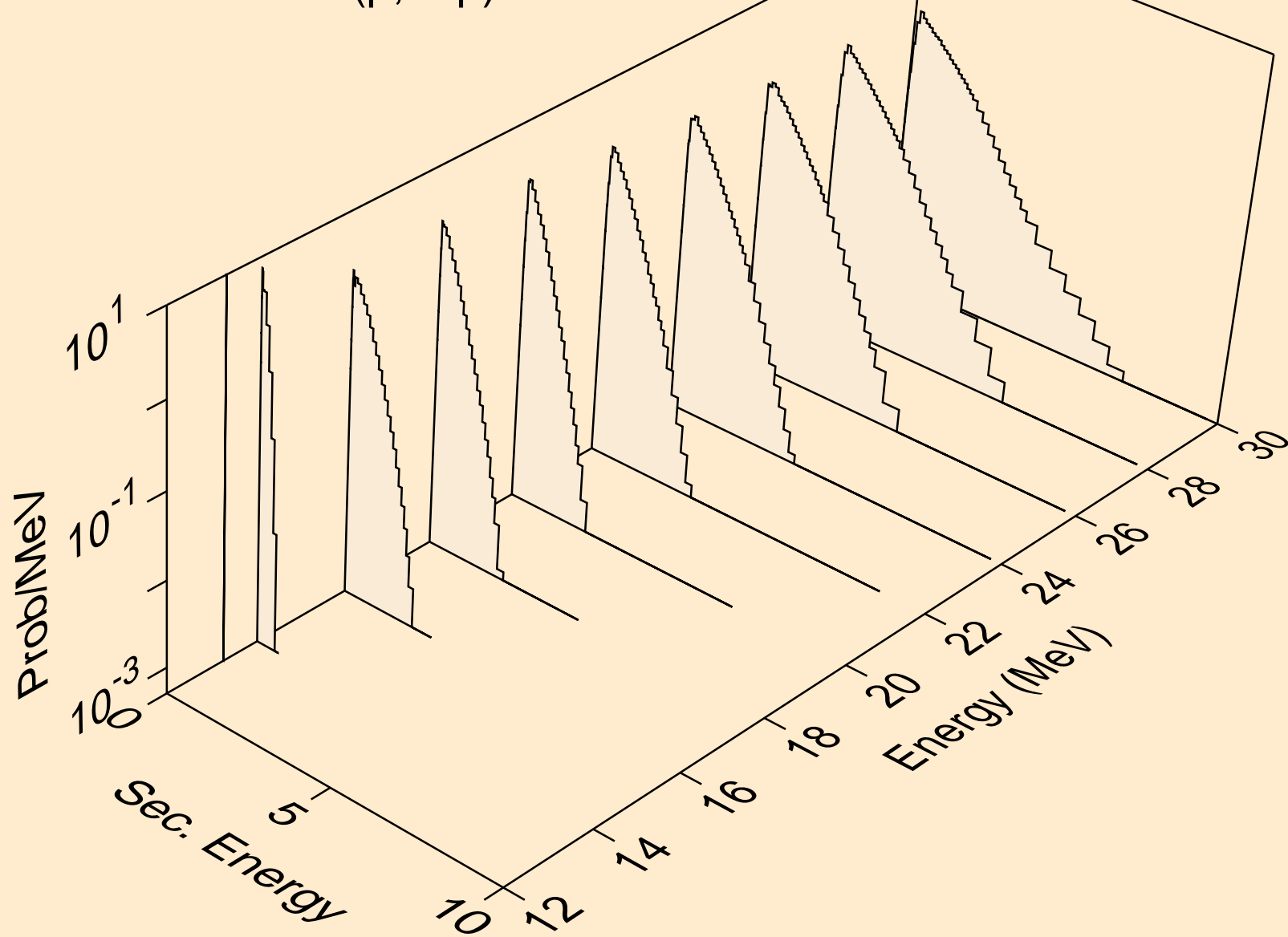




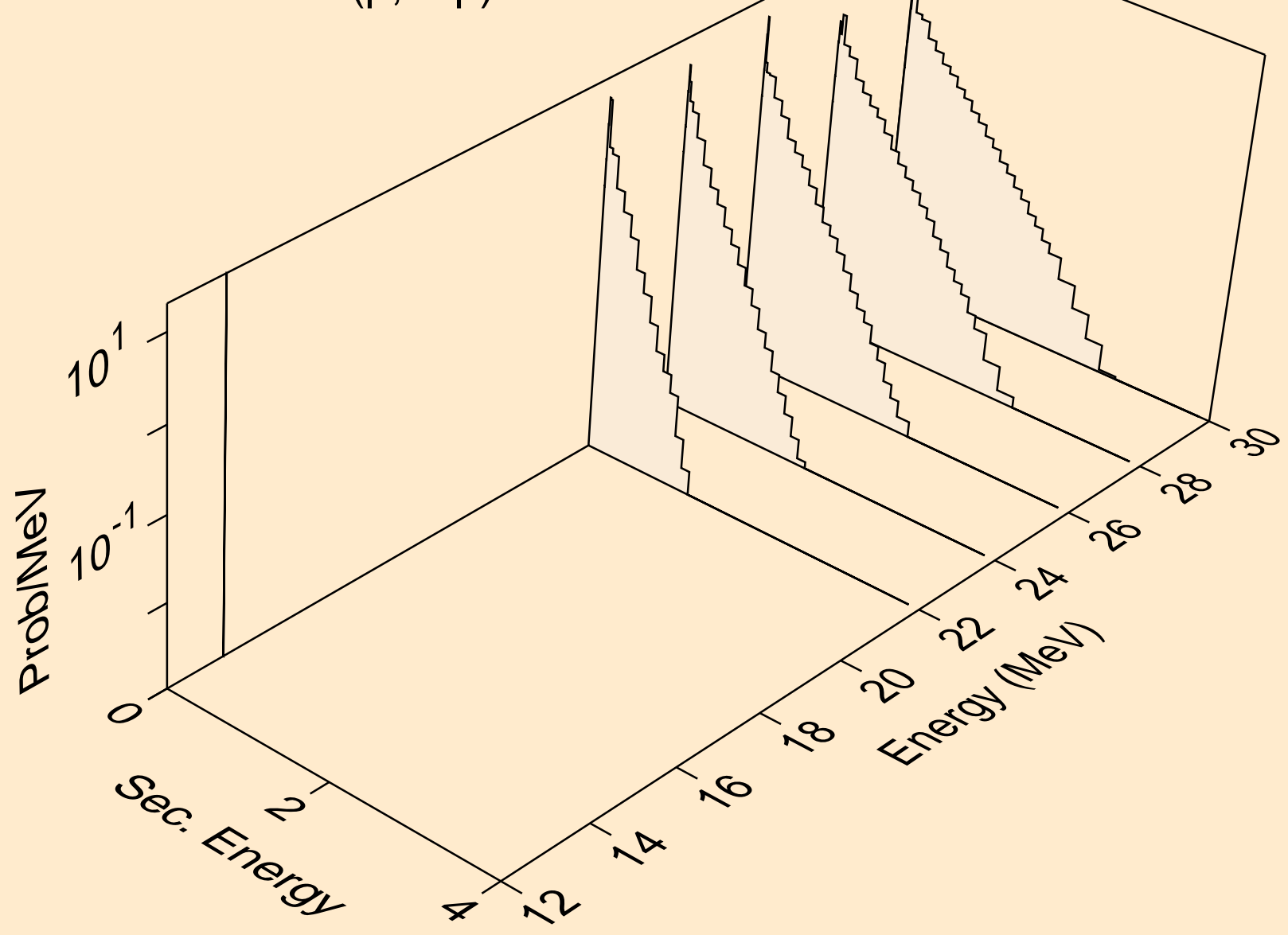
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



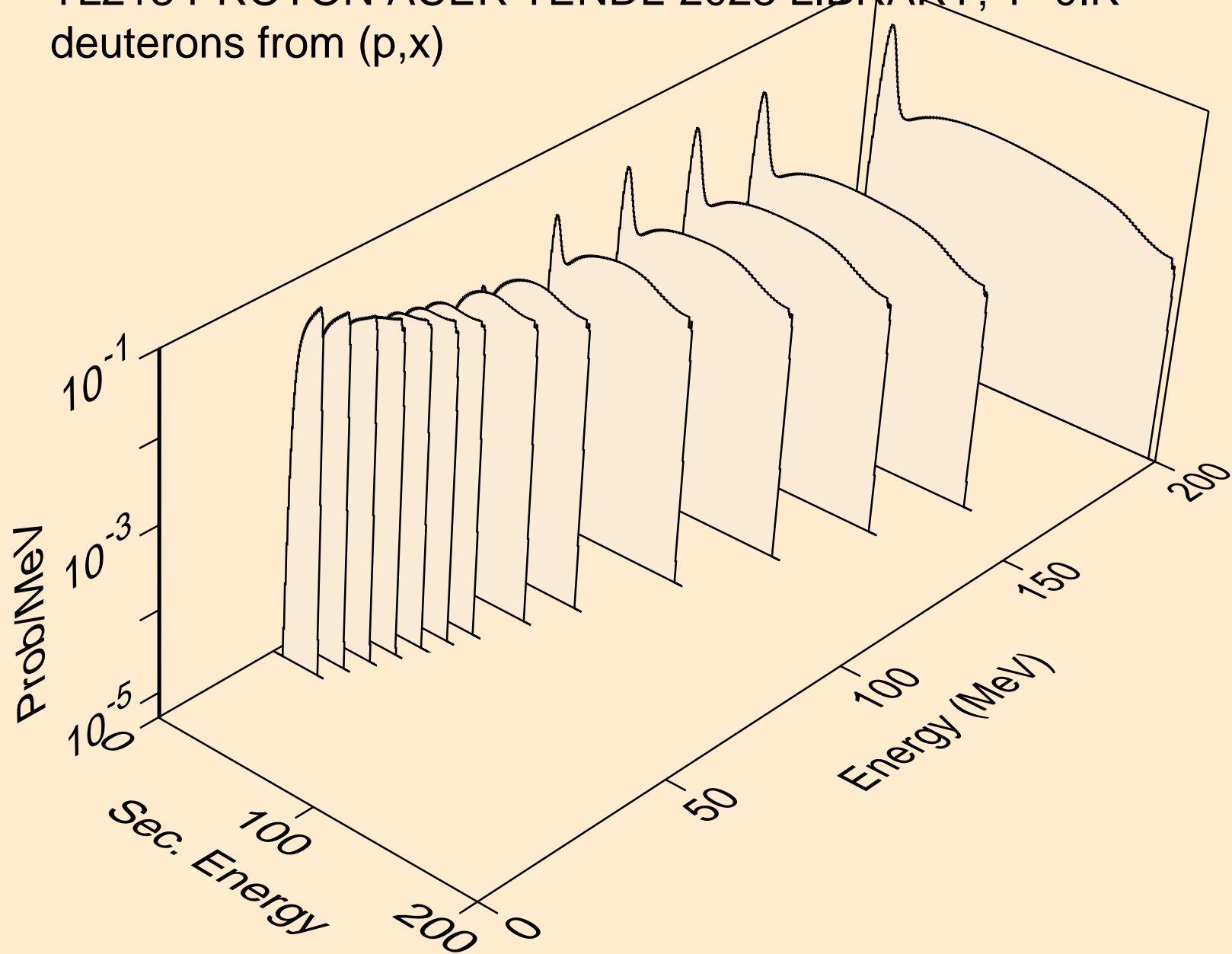
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



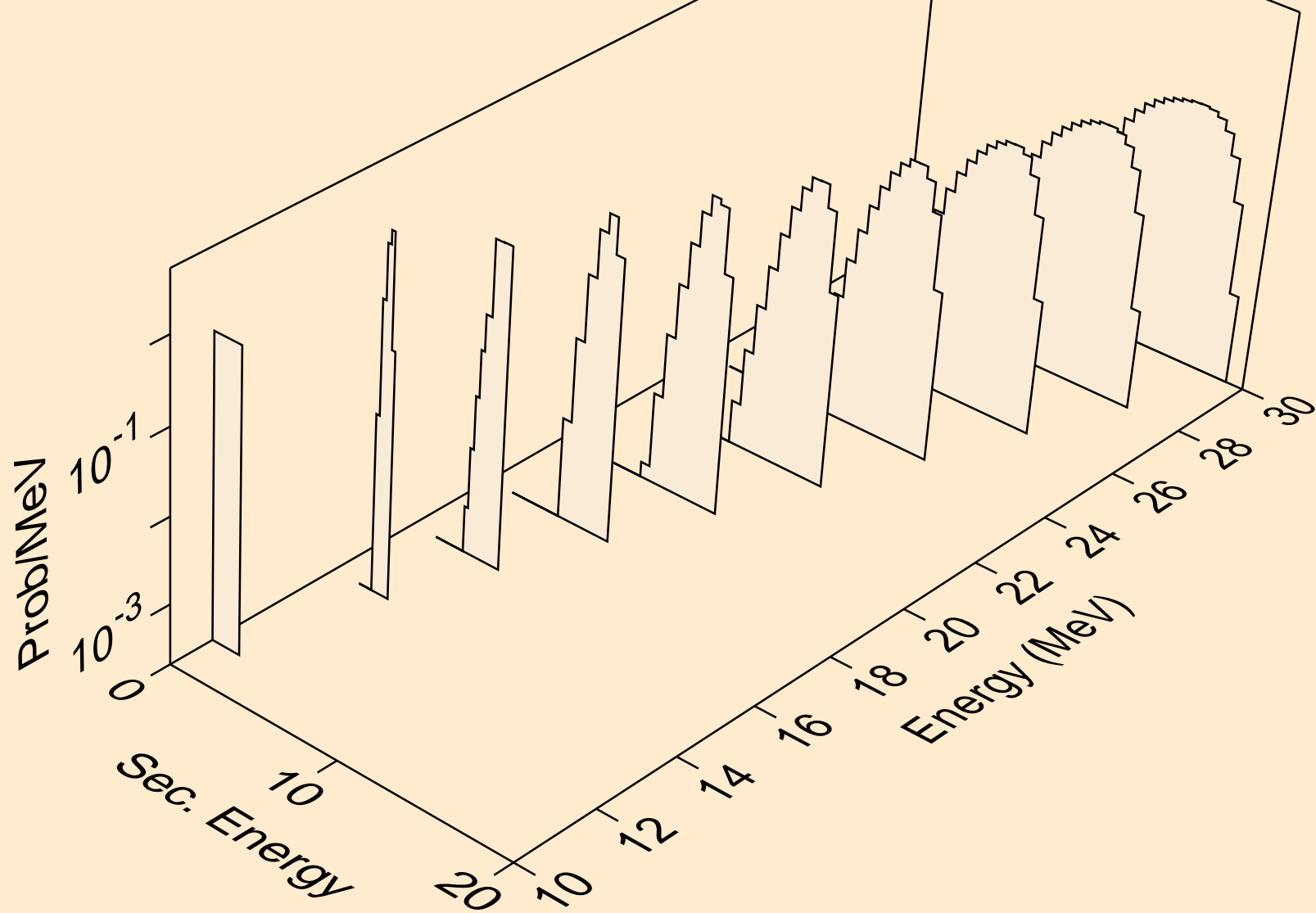
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neutrons from (p,n2p)



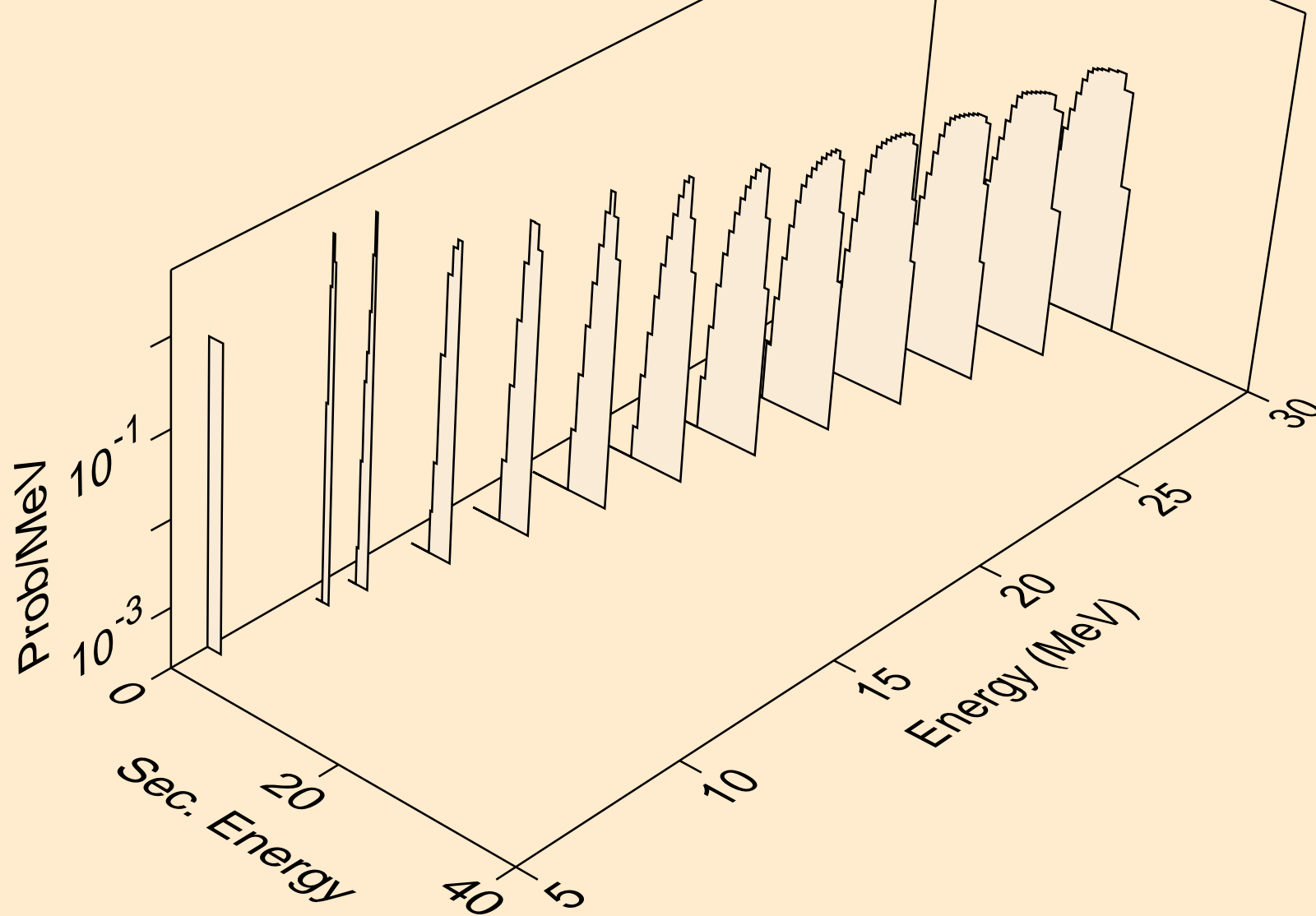
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deuterons from (p,x)



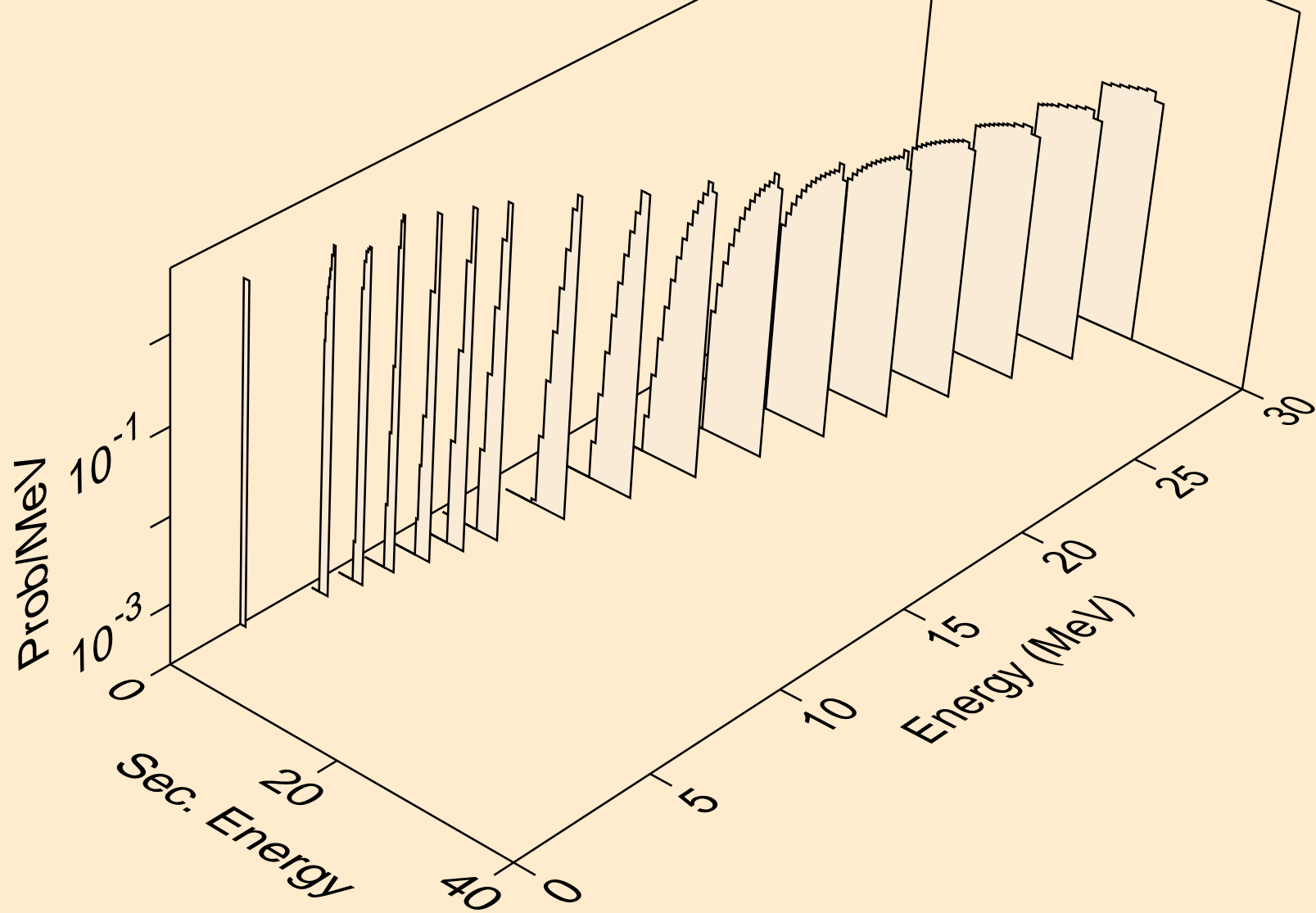
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deuterons from (p,2nd)



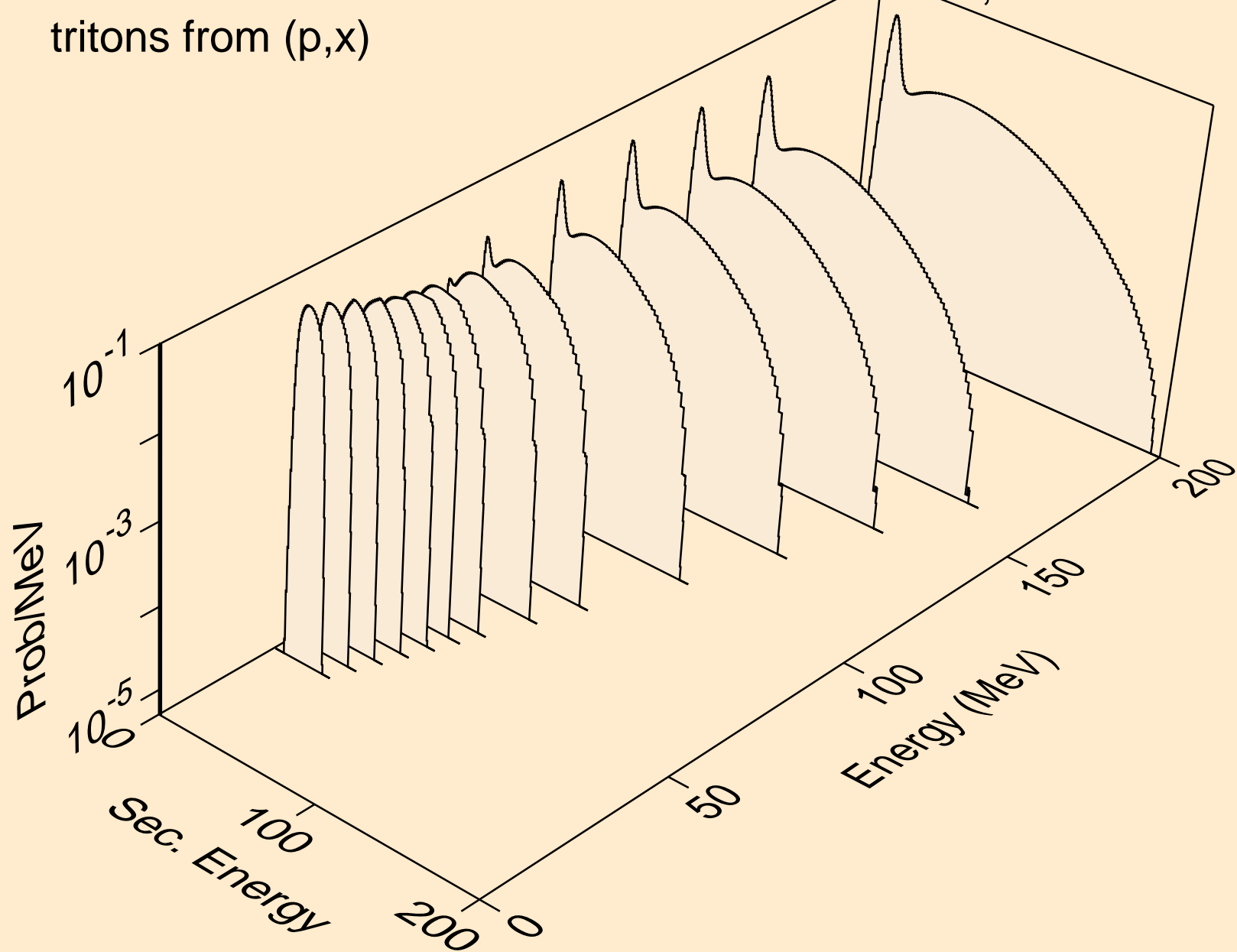
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

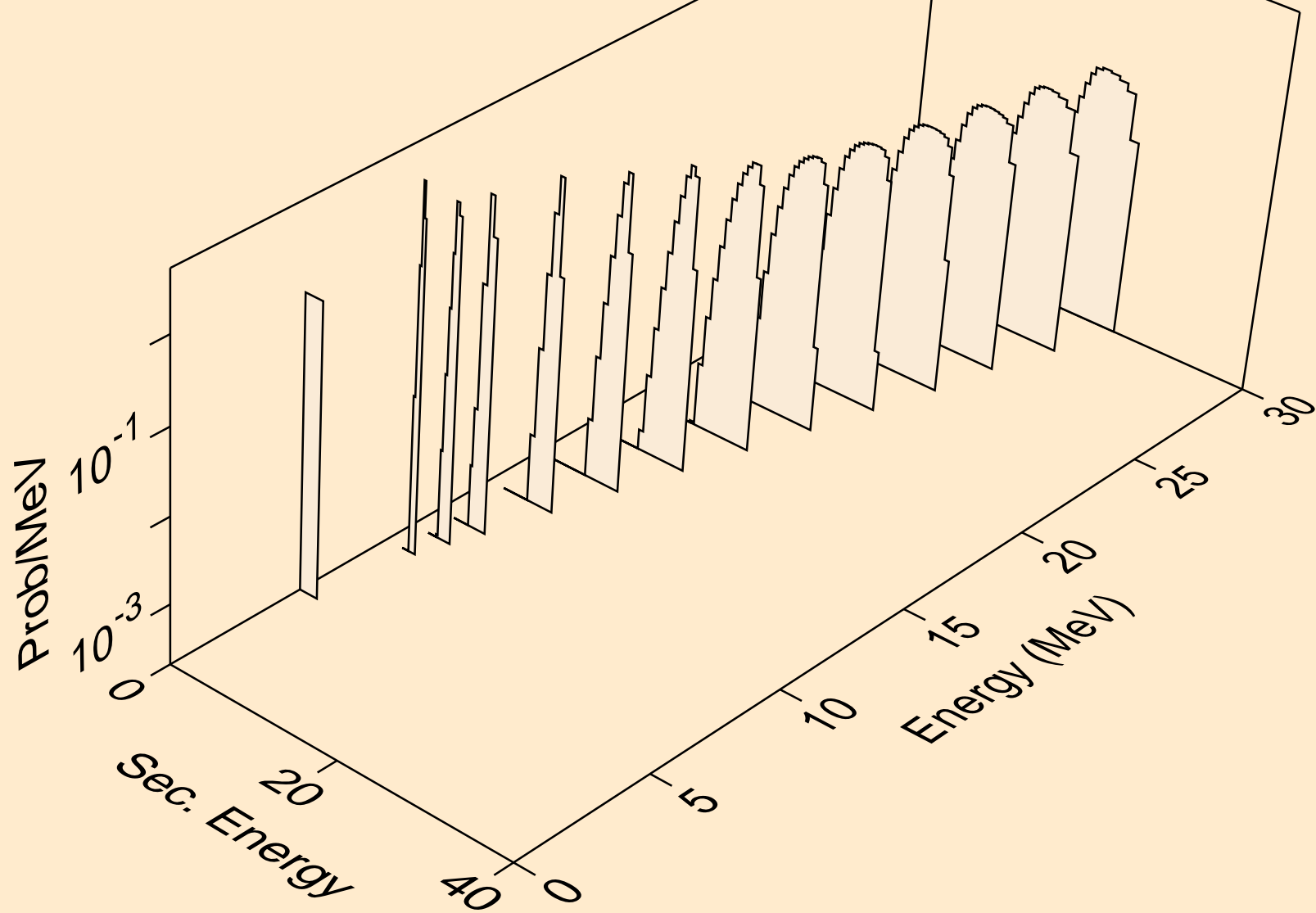


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

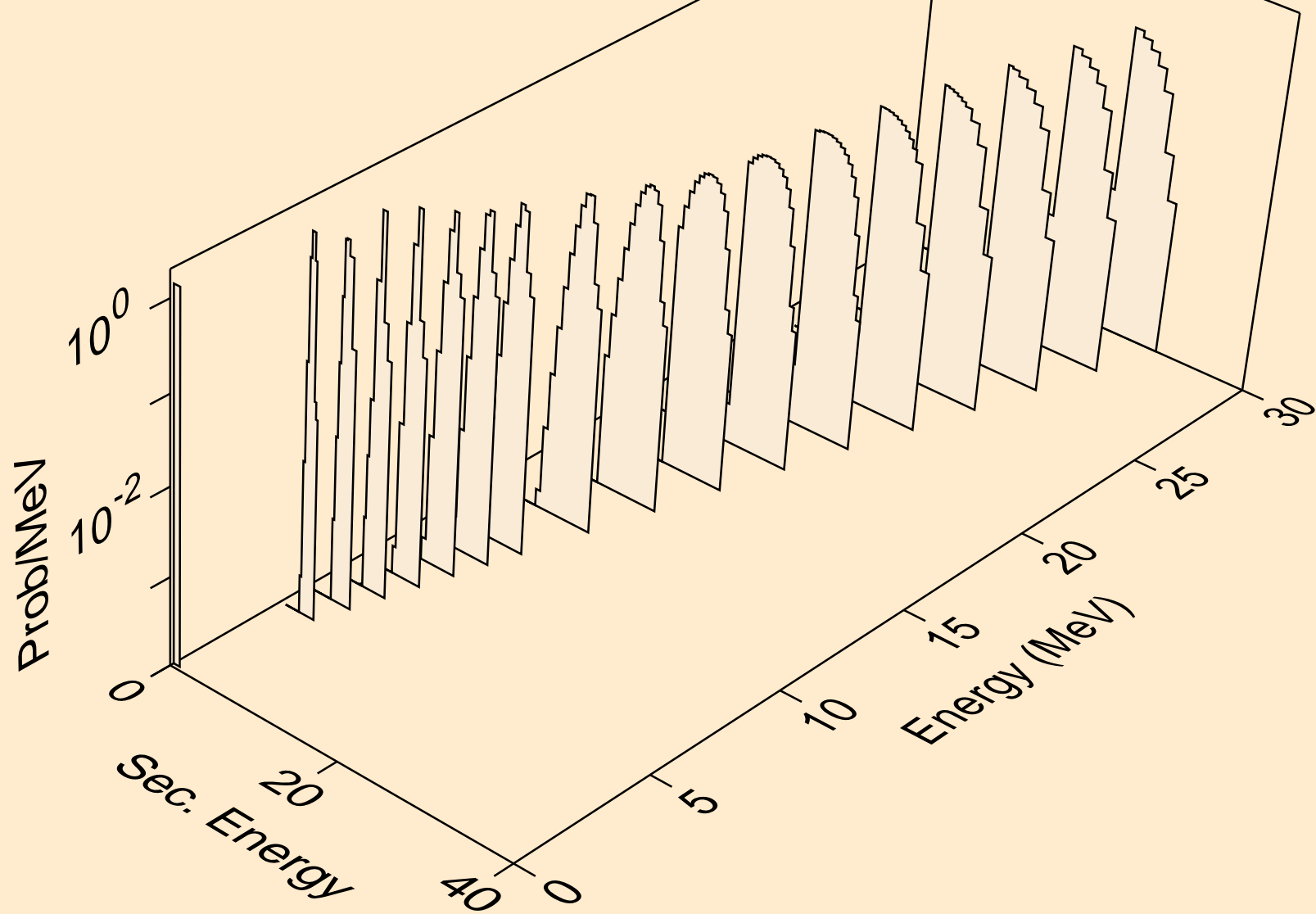




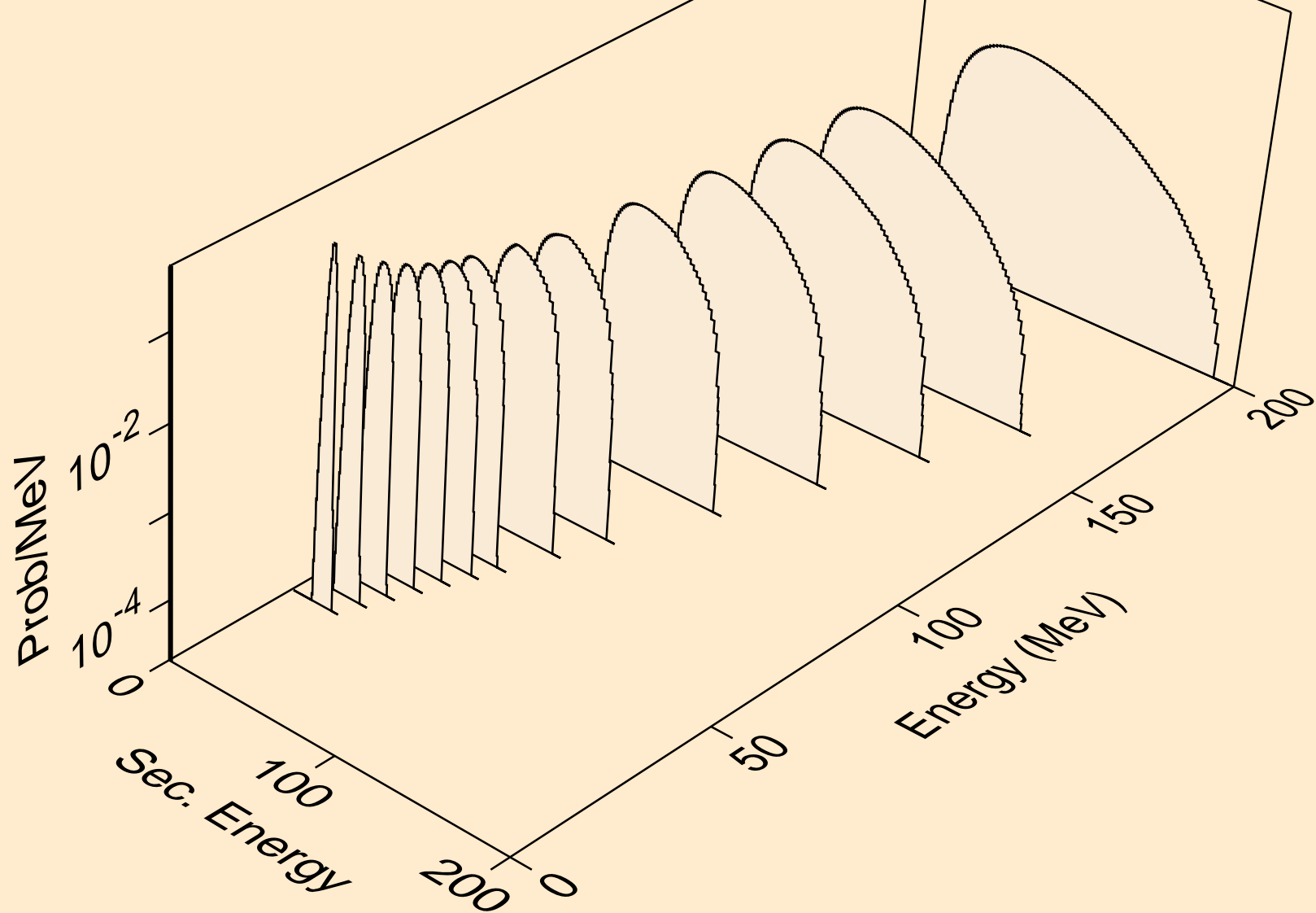
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



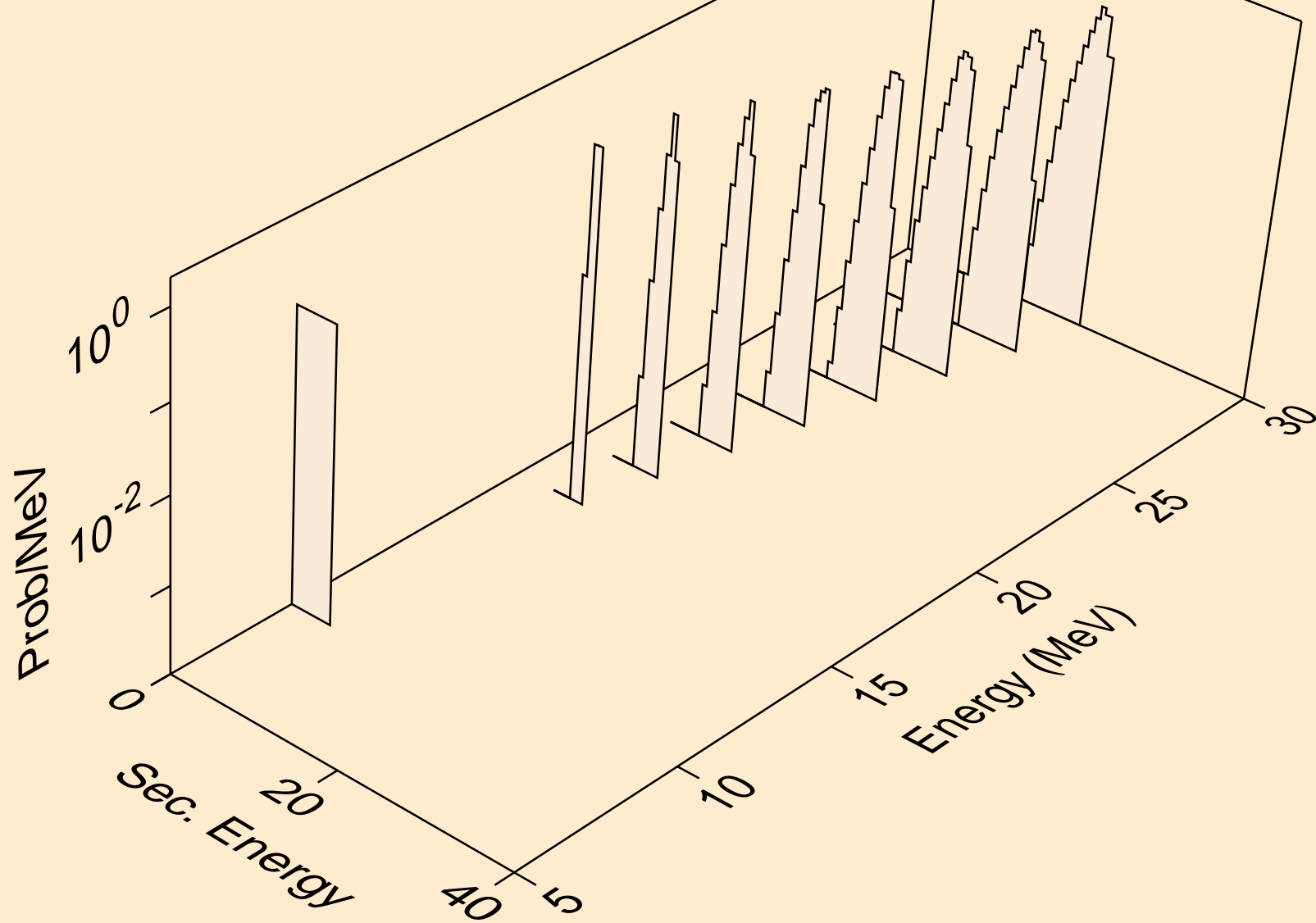
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



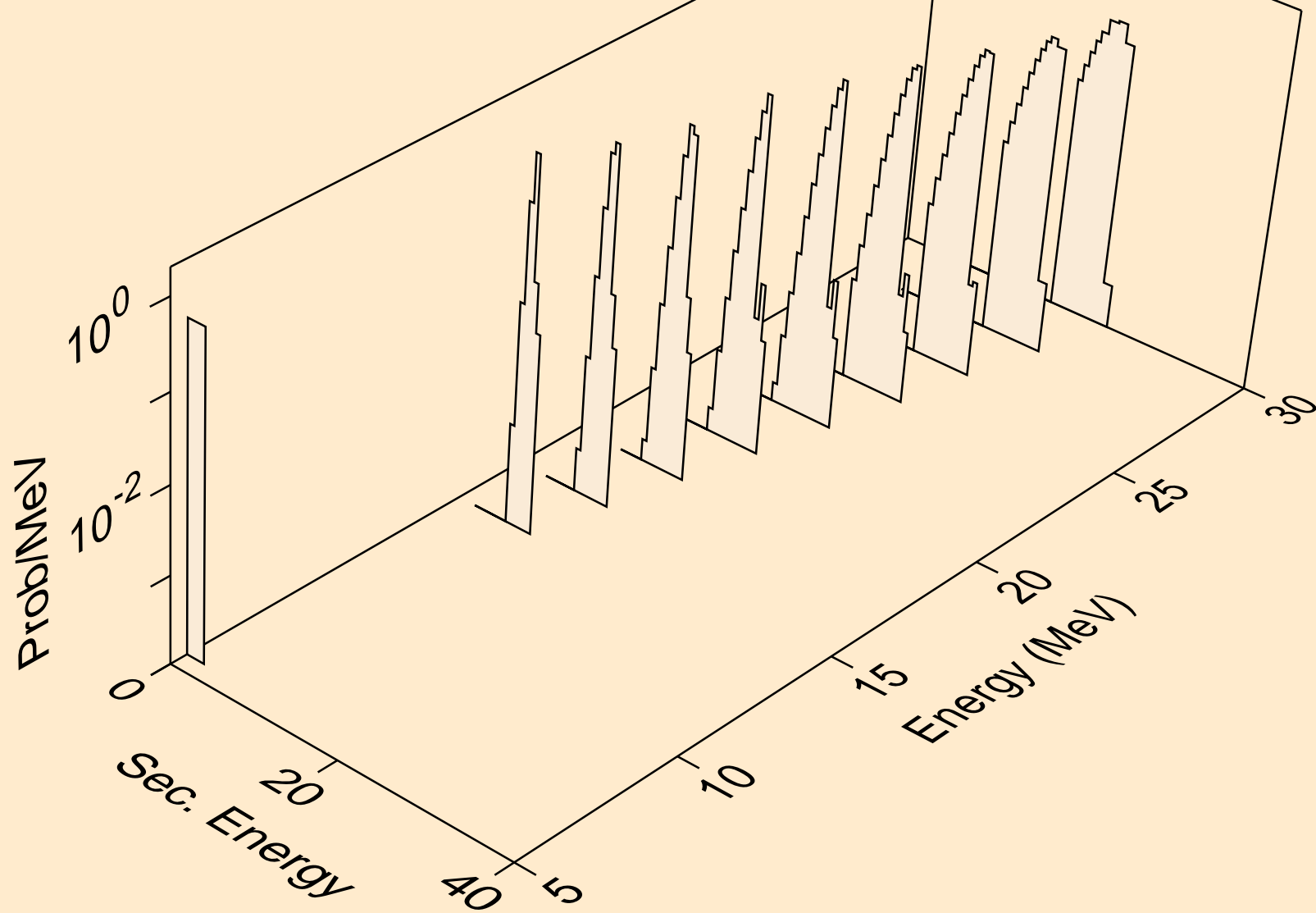
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



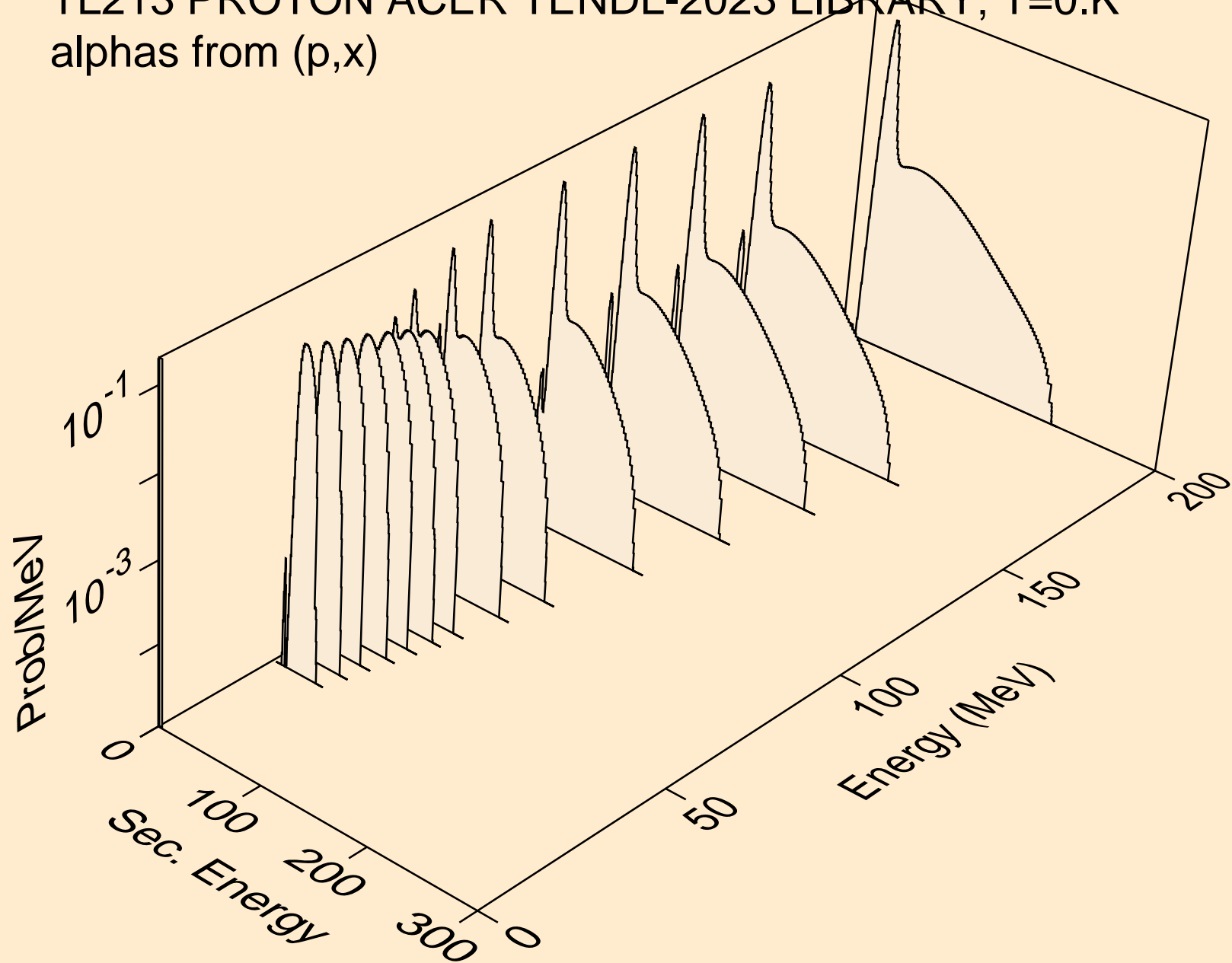
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



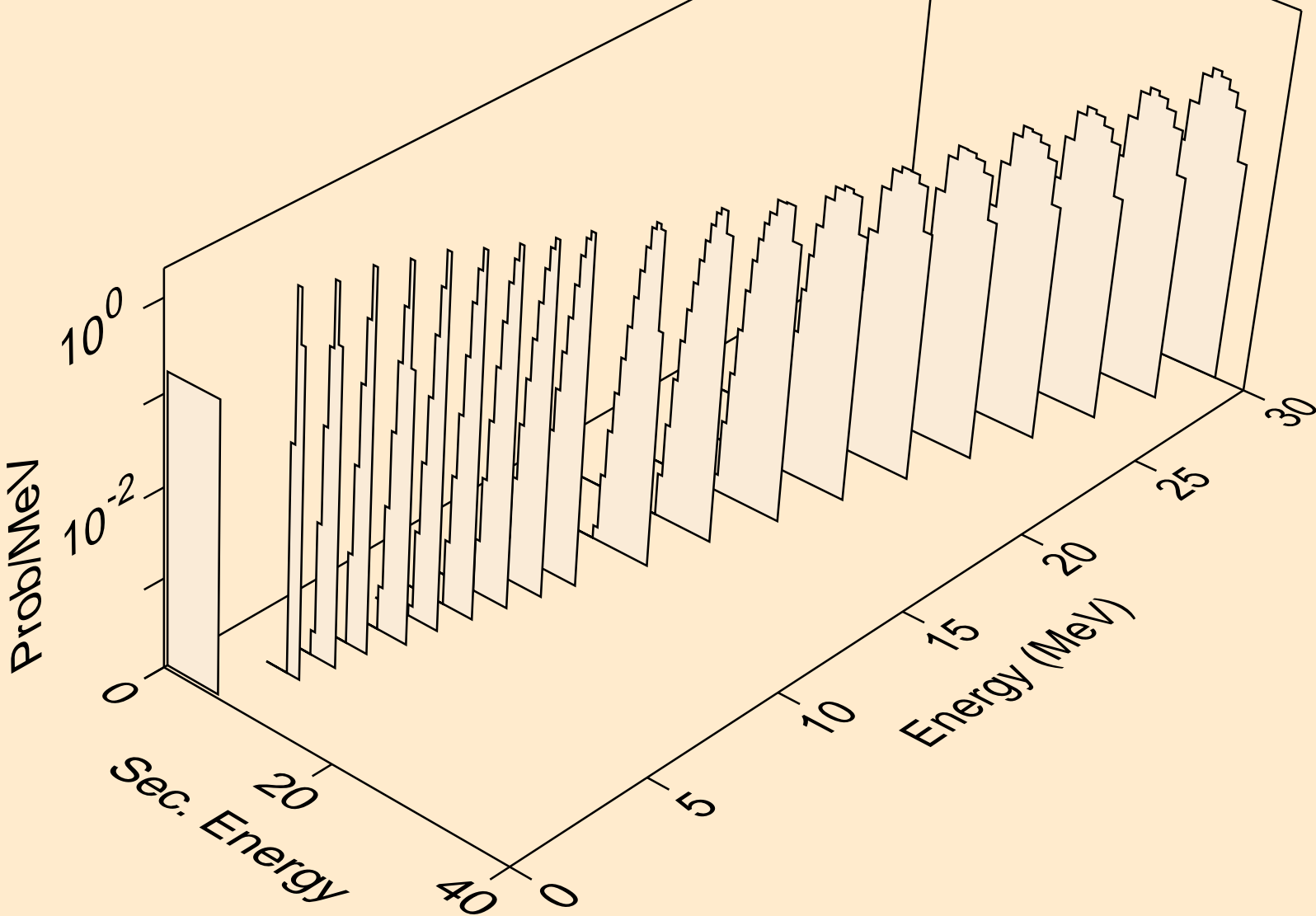
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



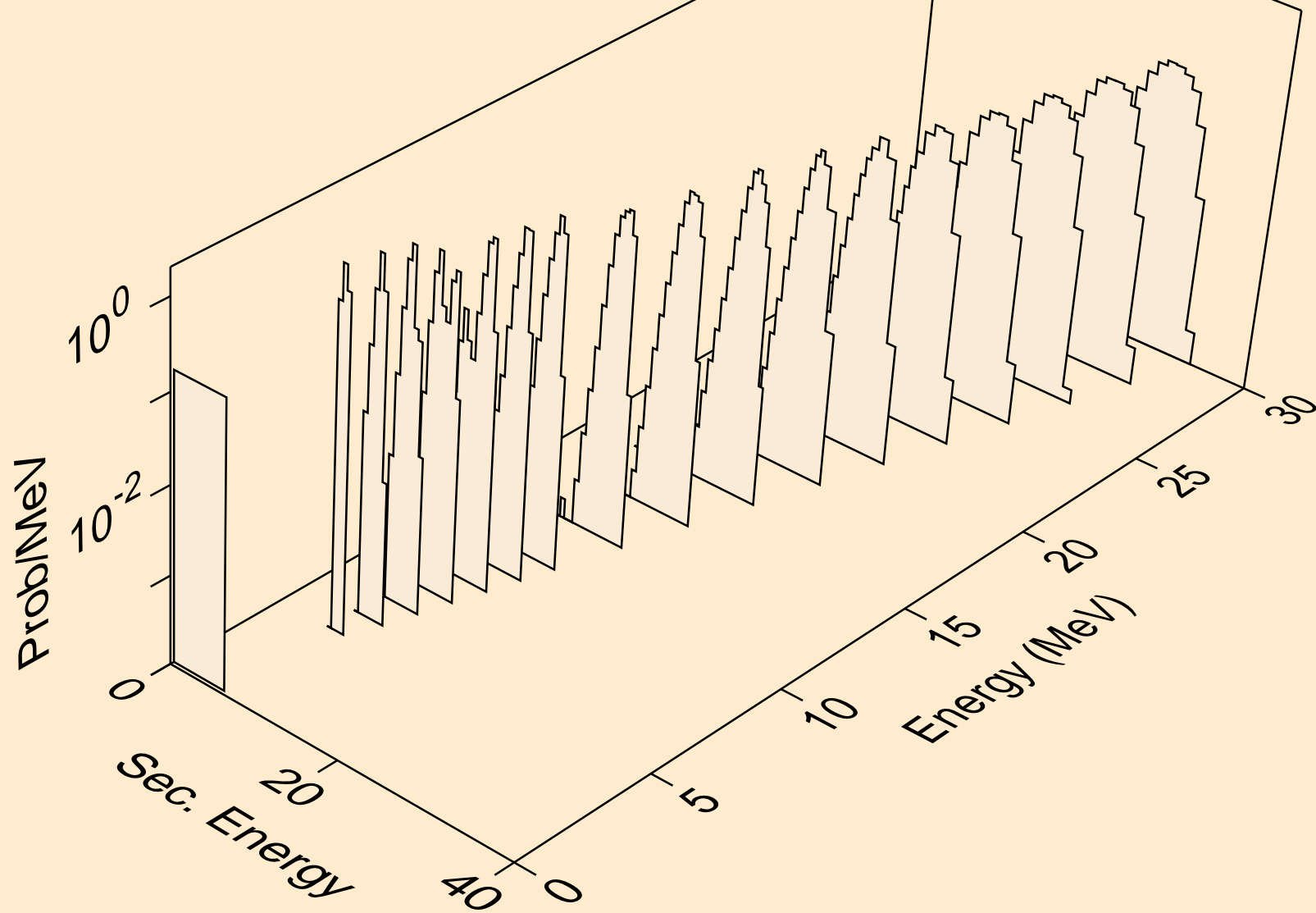
TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

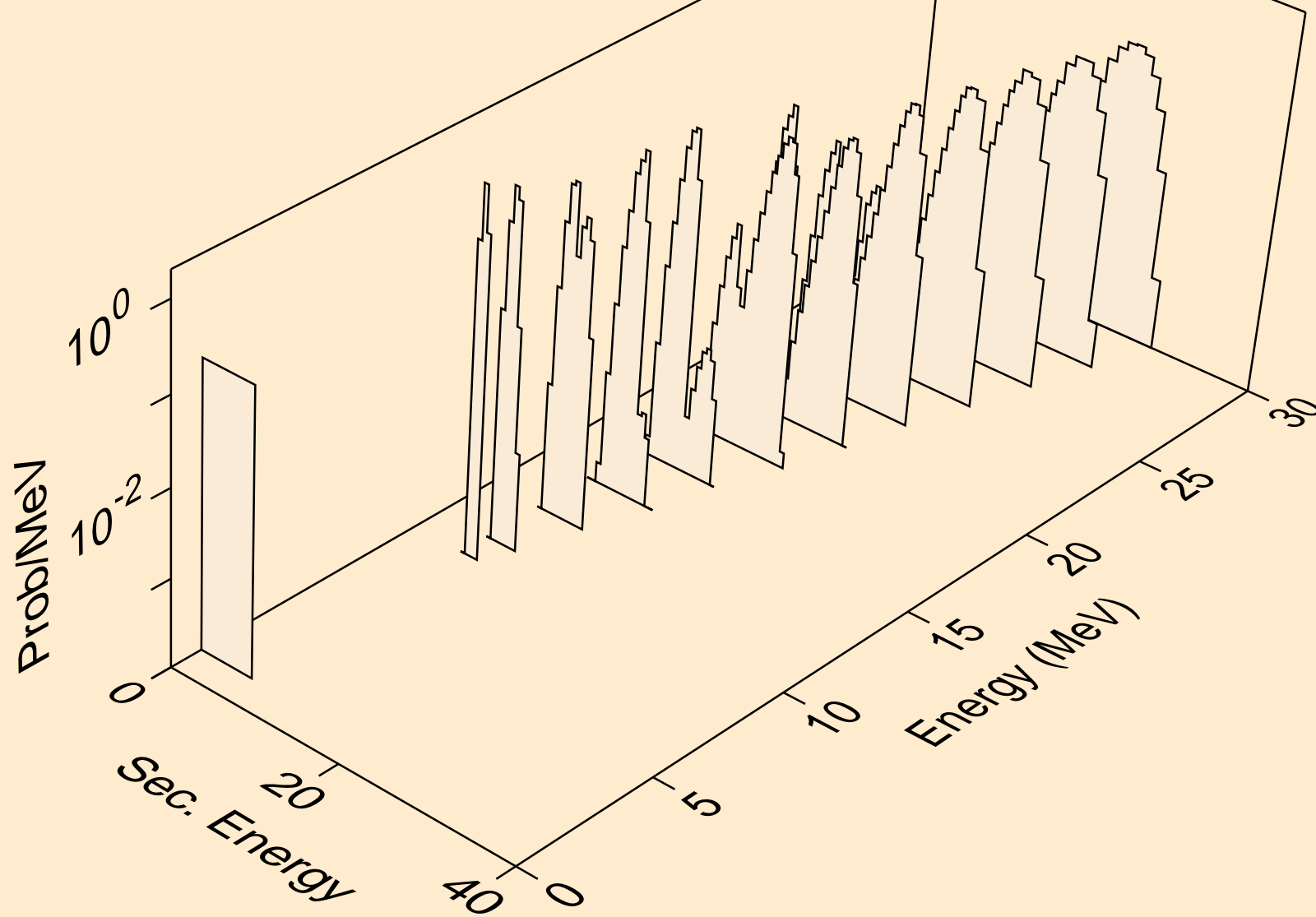


TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



TL213 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

