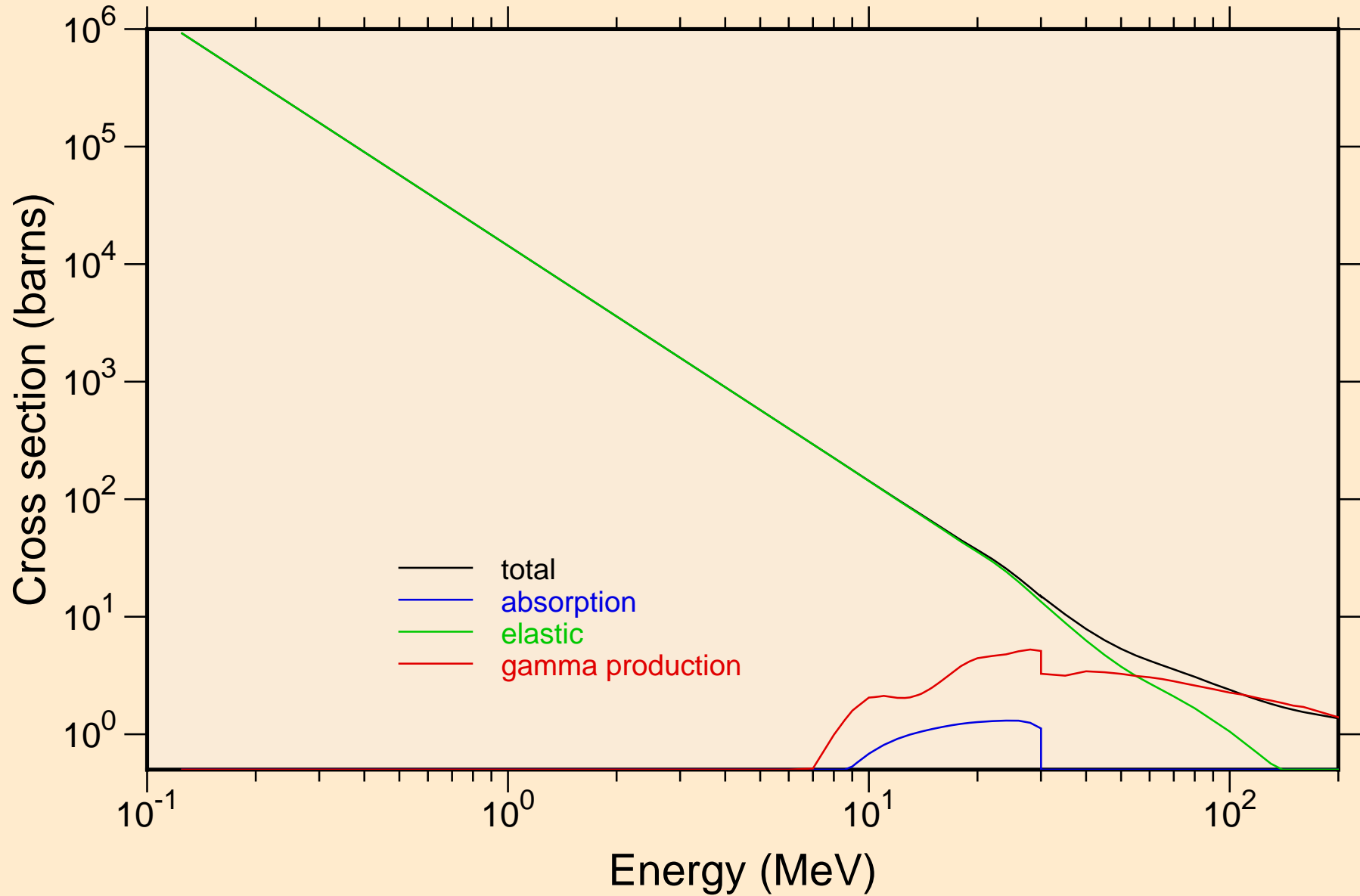


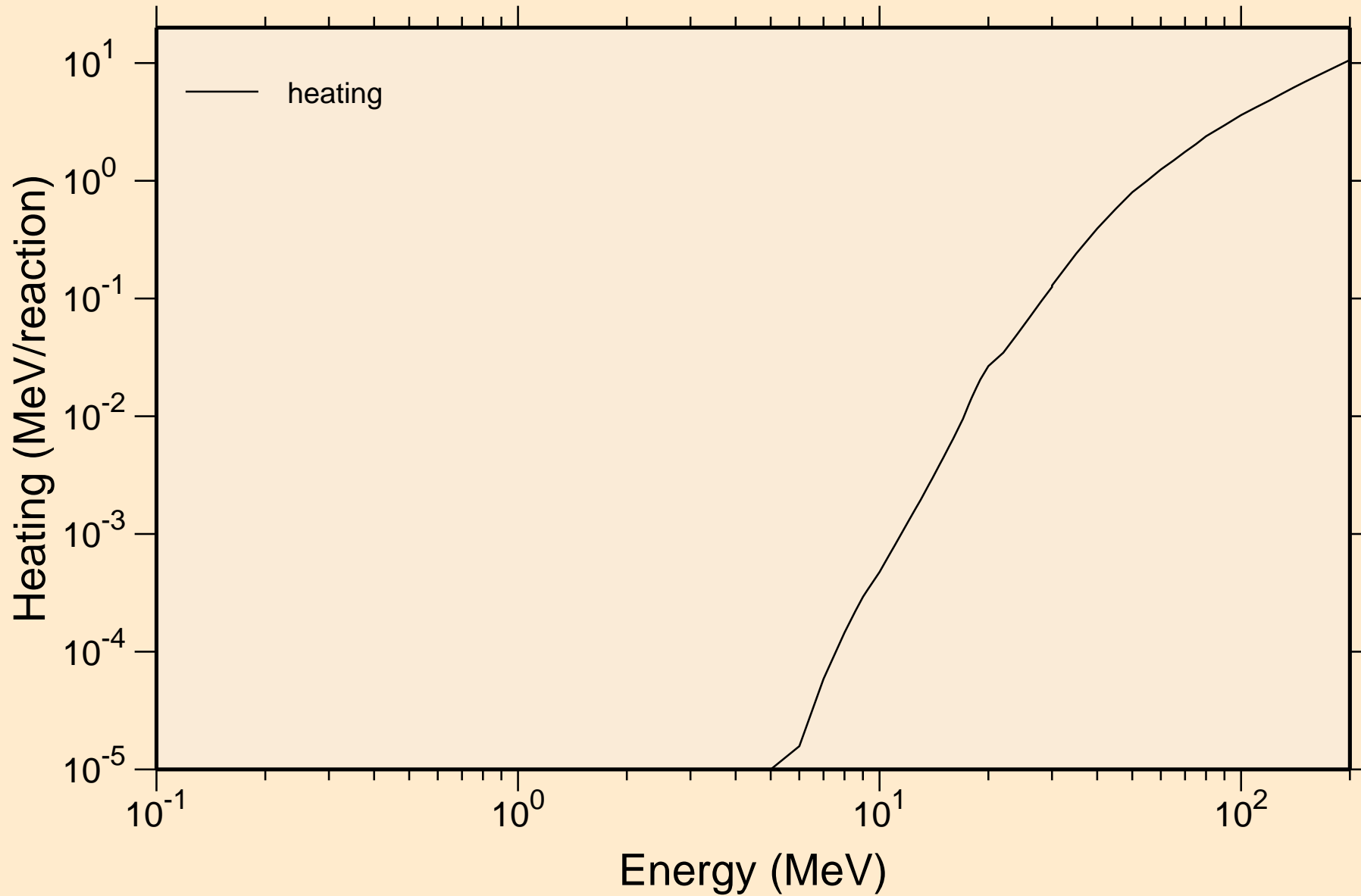
# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



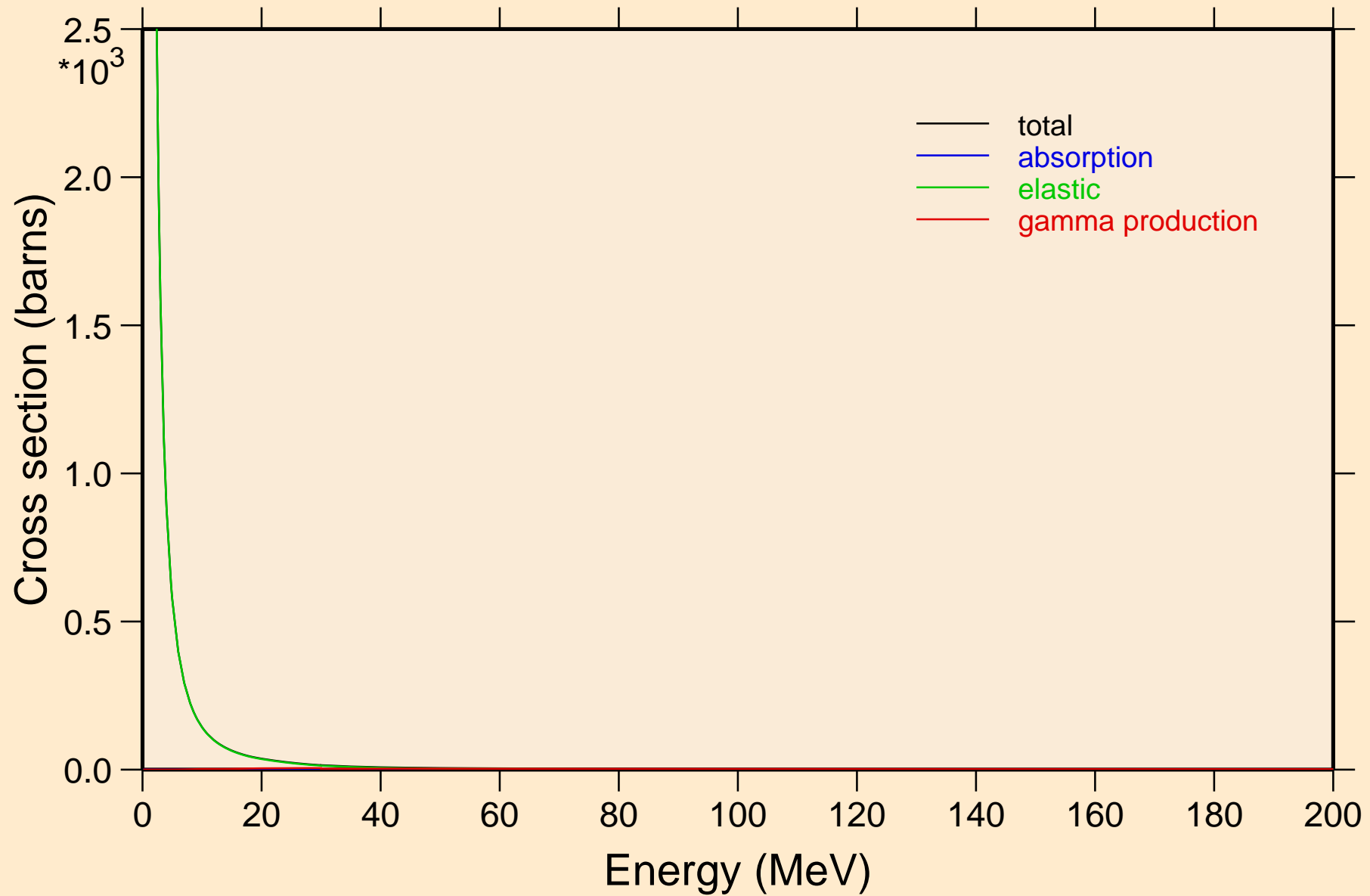
# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



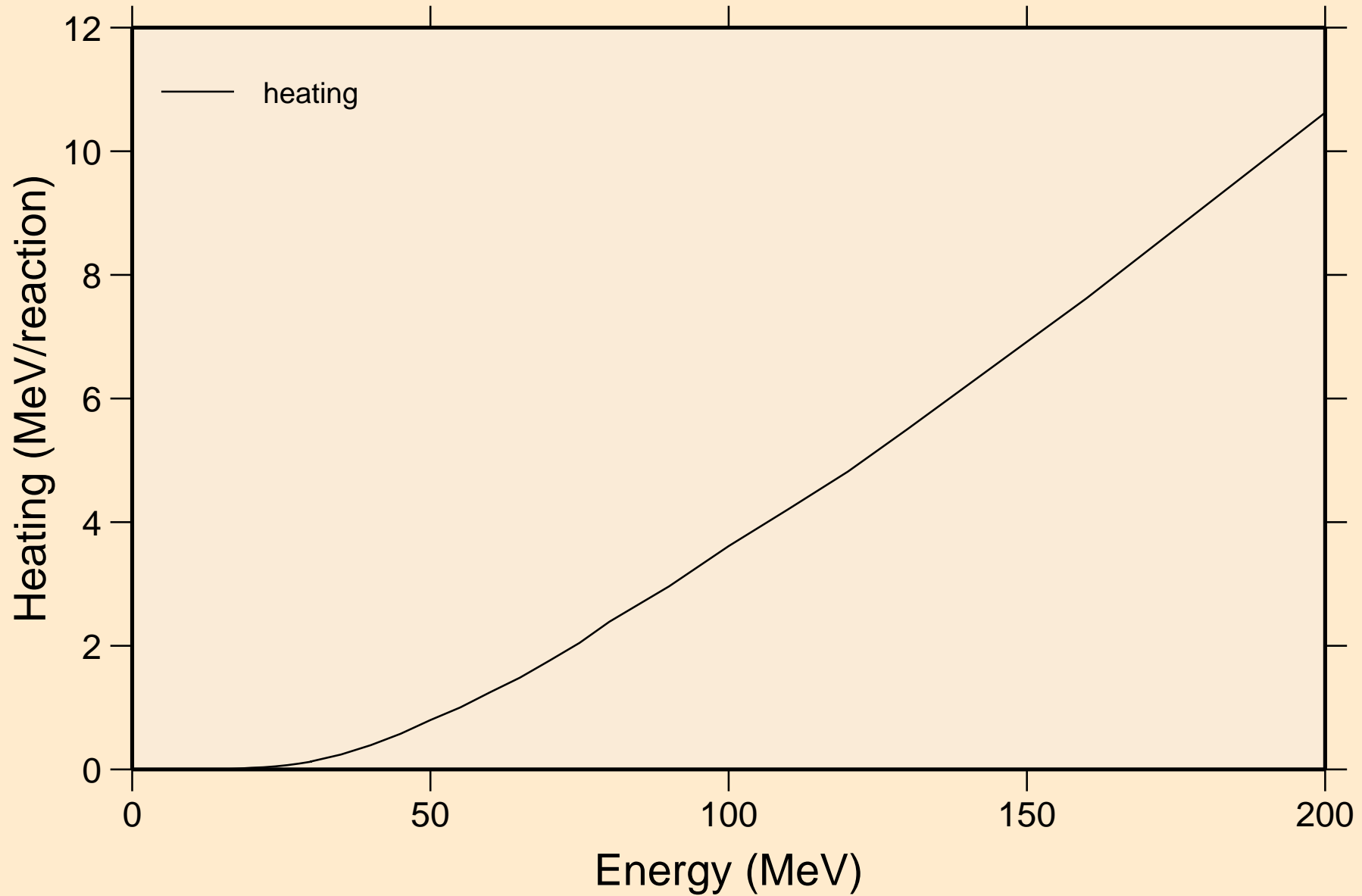
# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



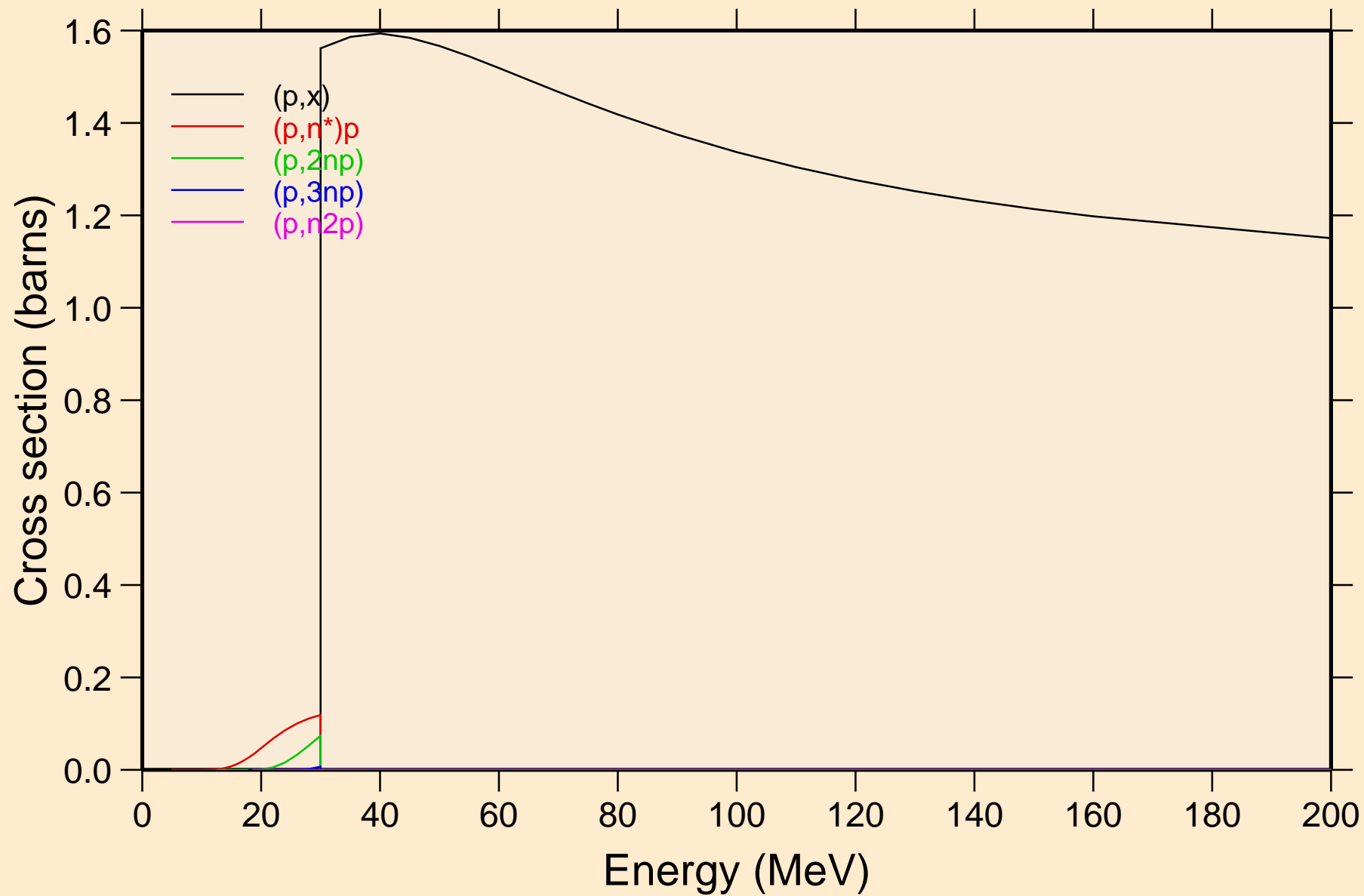
# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



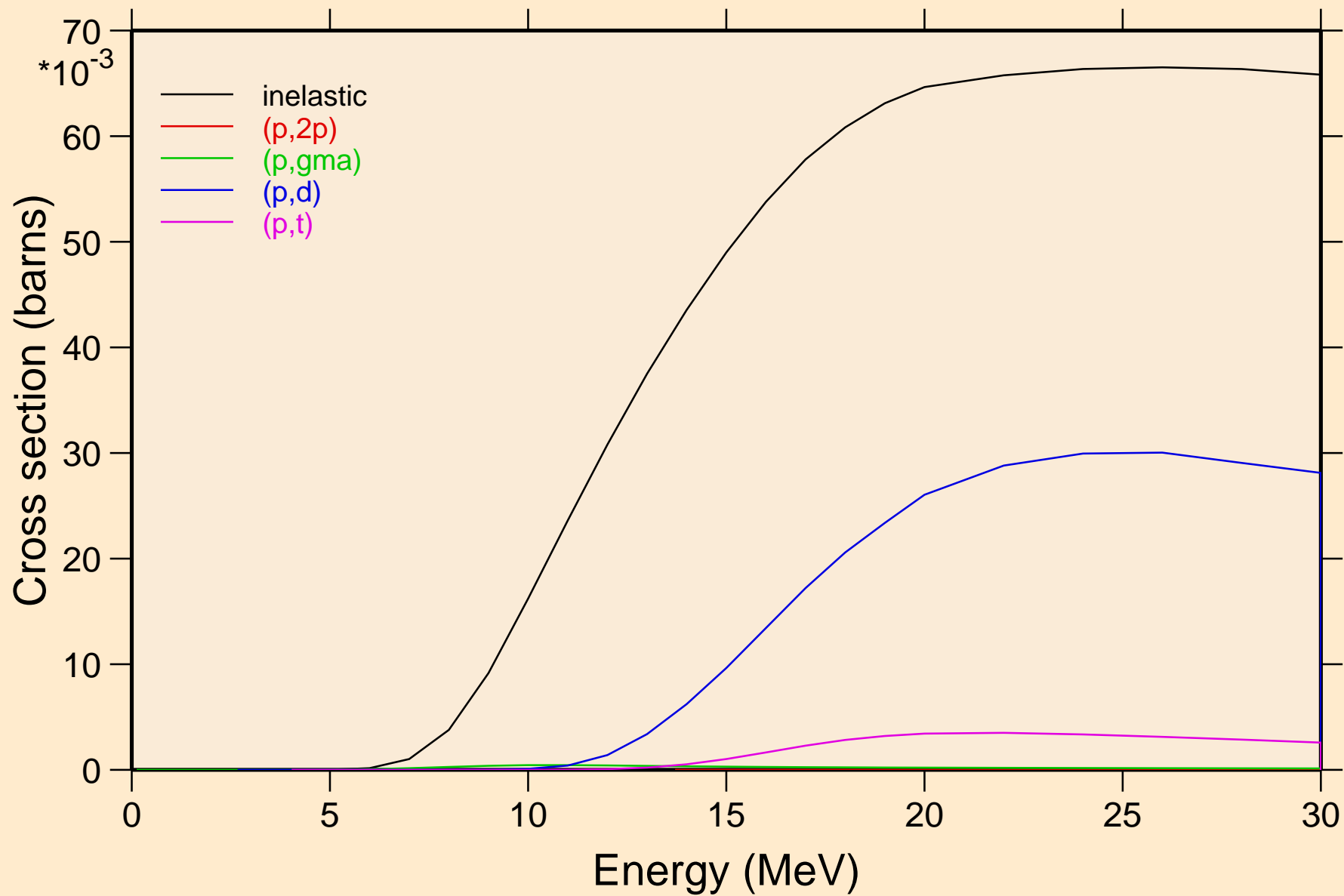
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## Threshold reactions



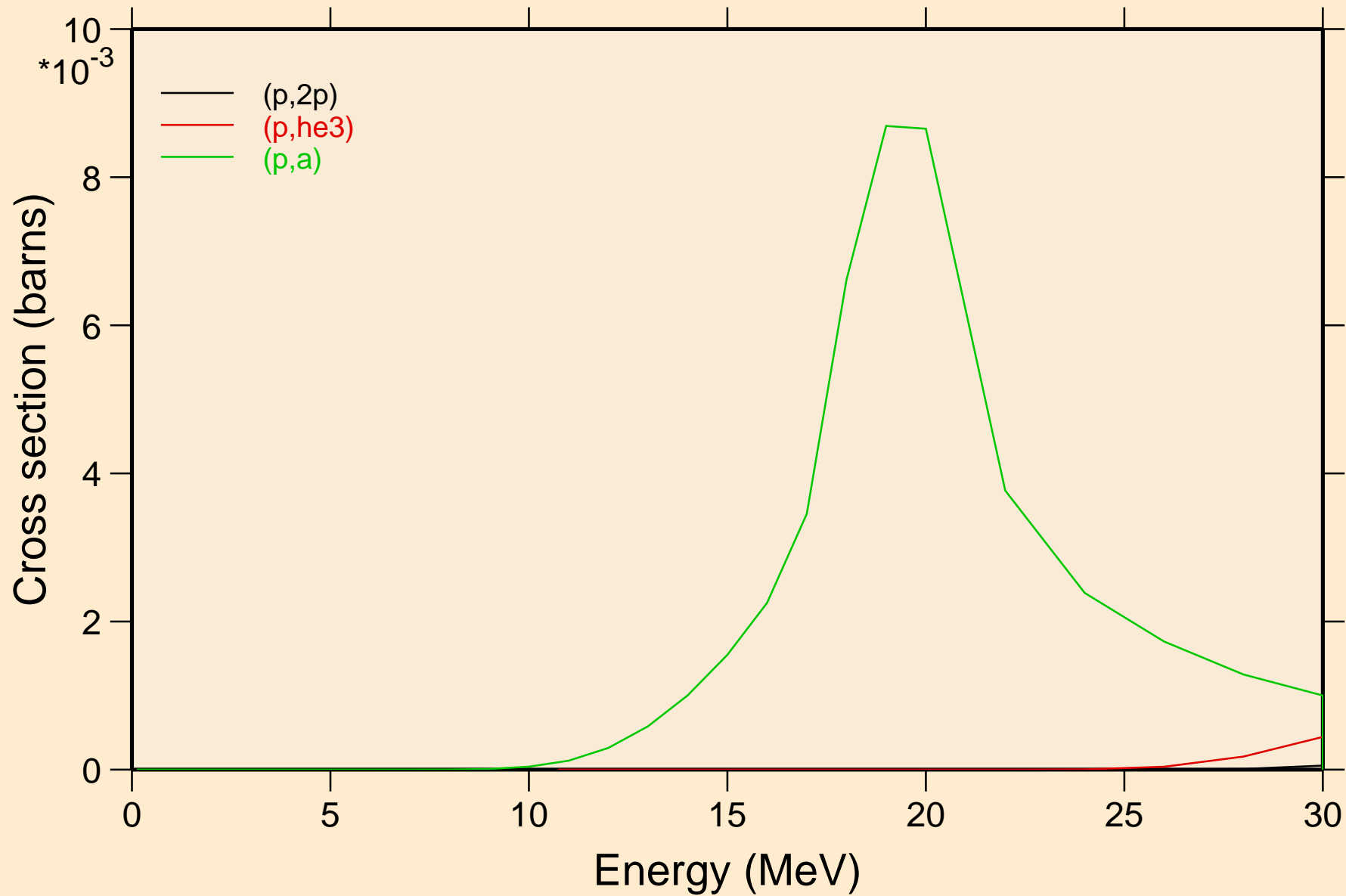
# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

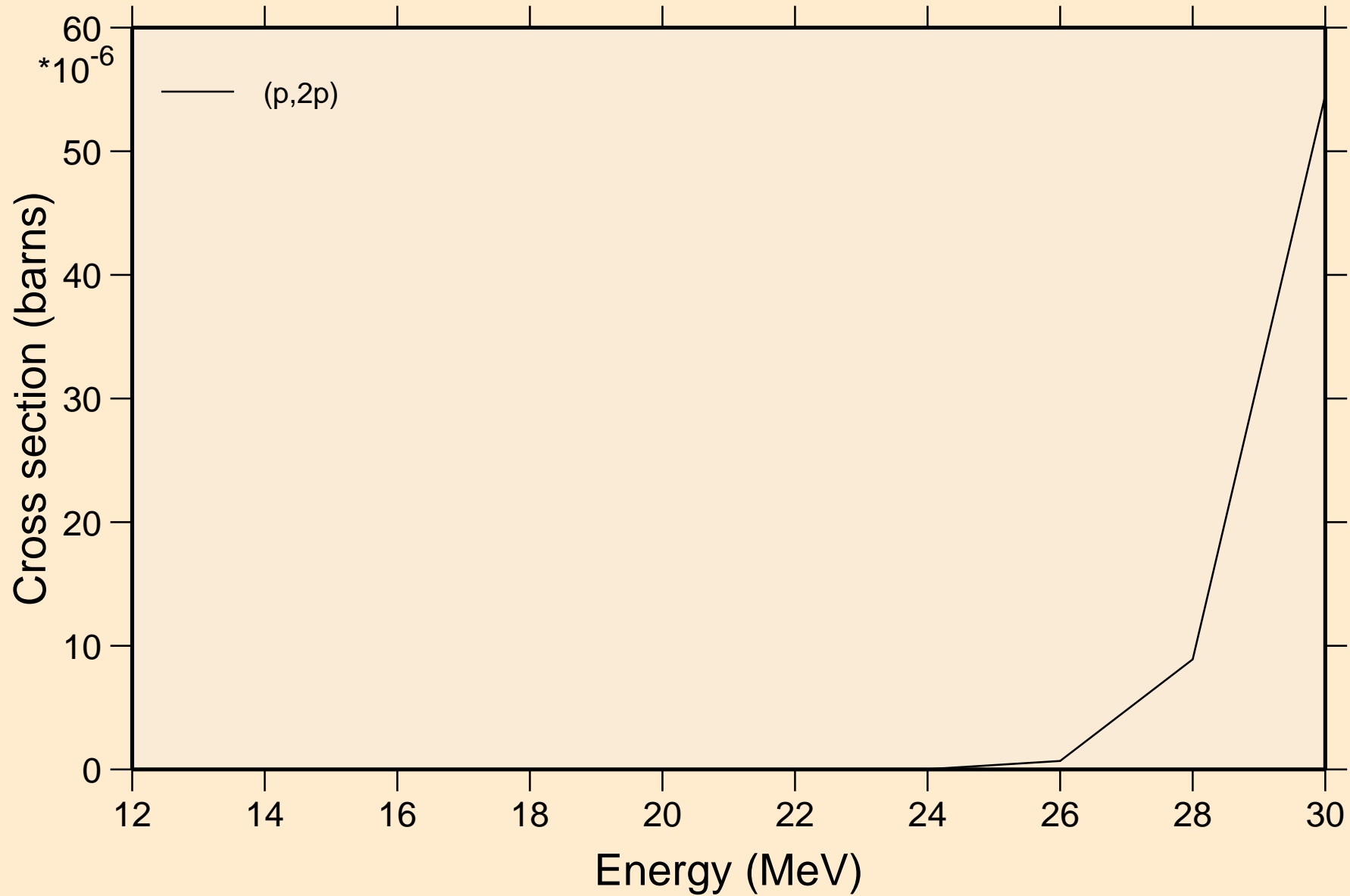


# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

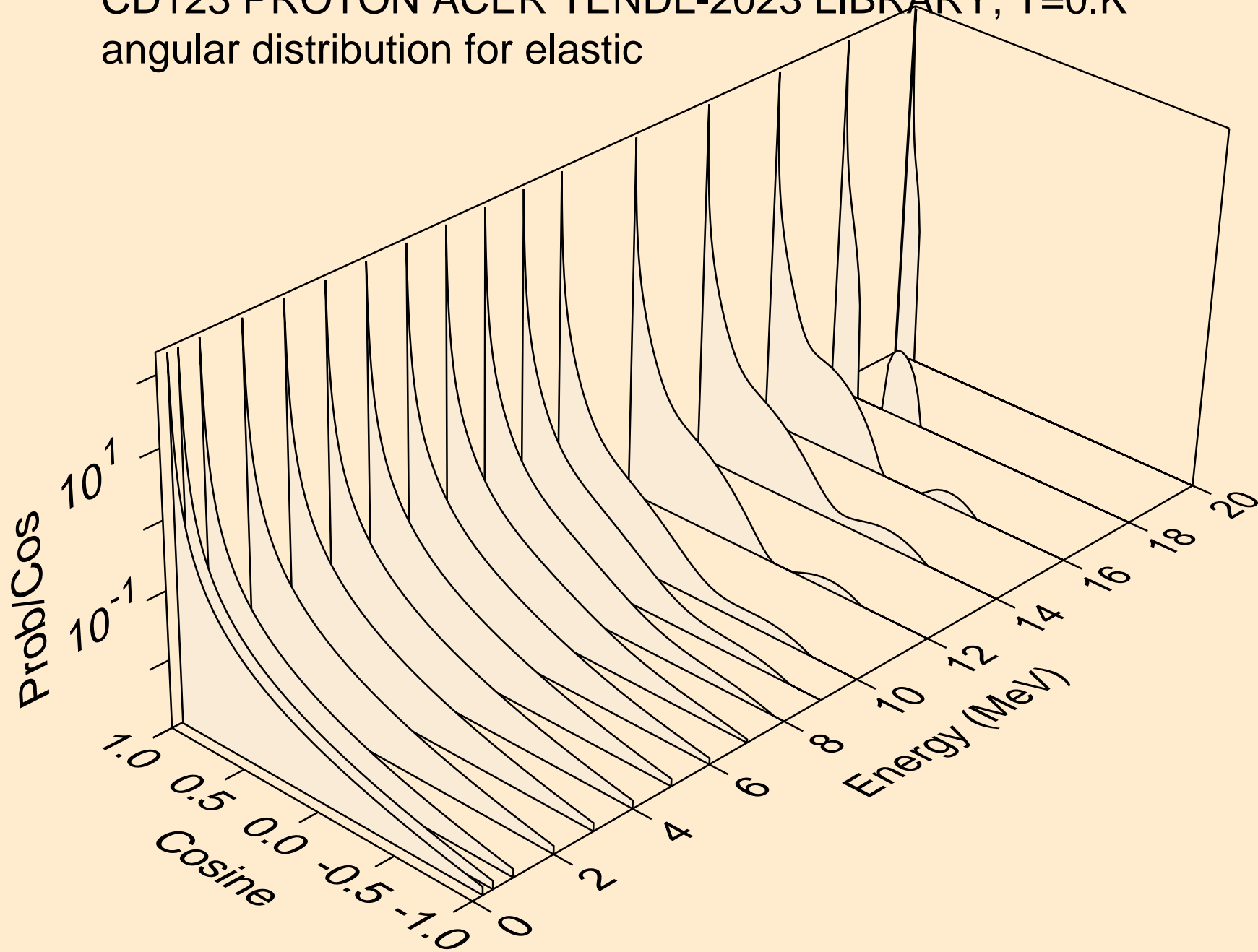


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

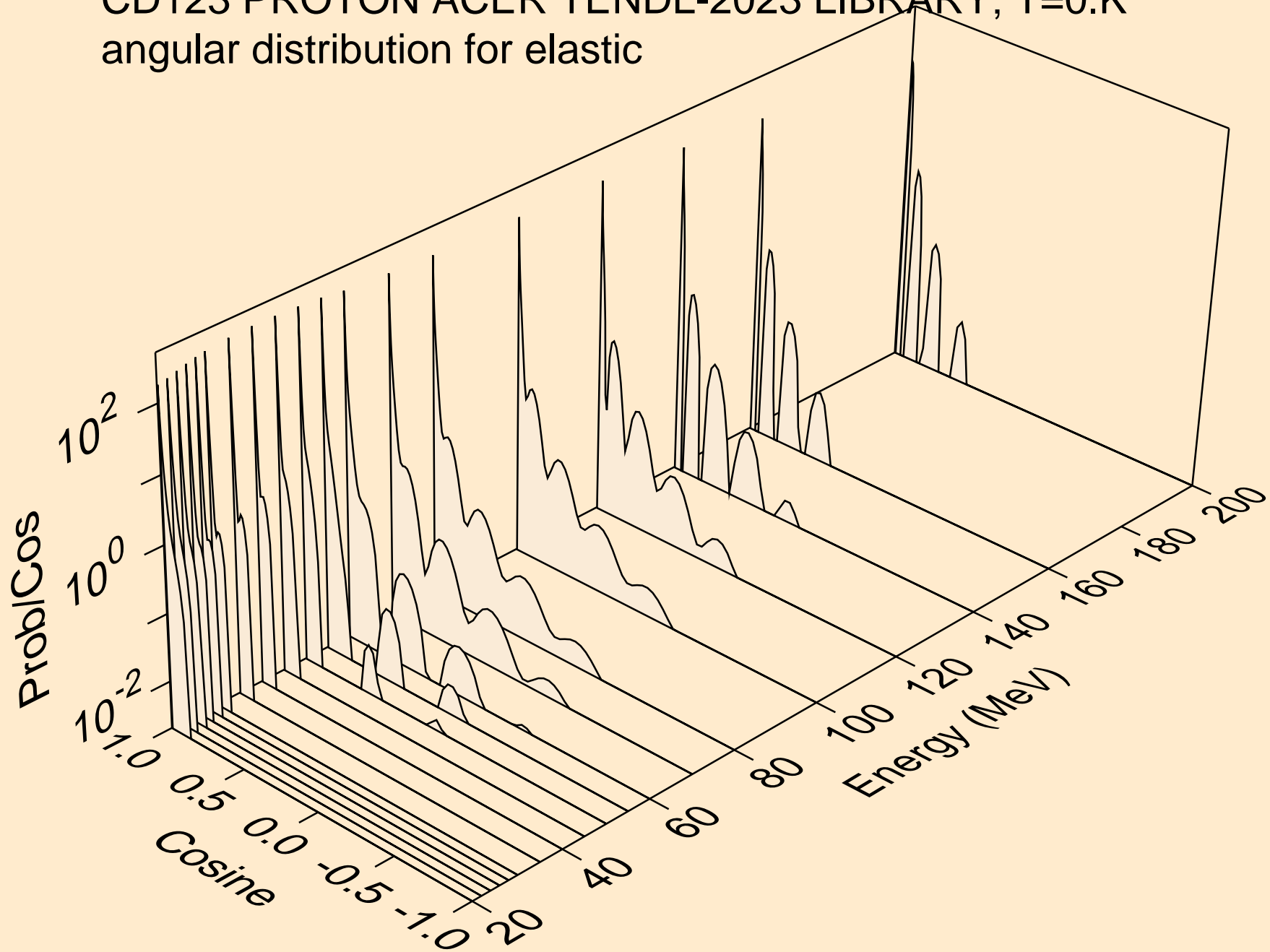




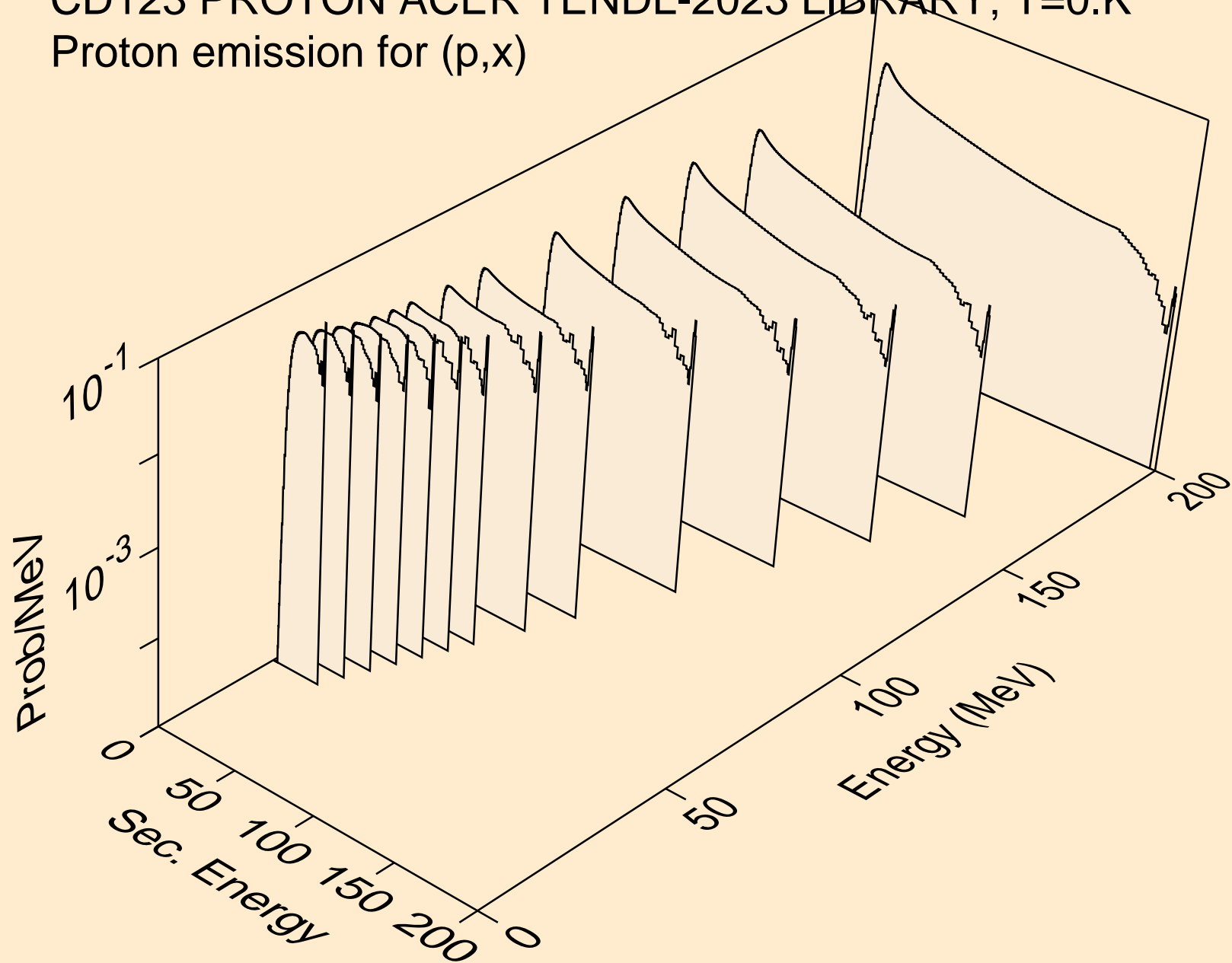
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



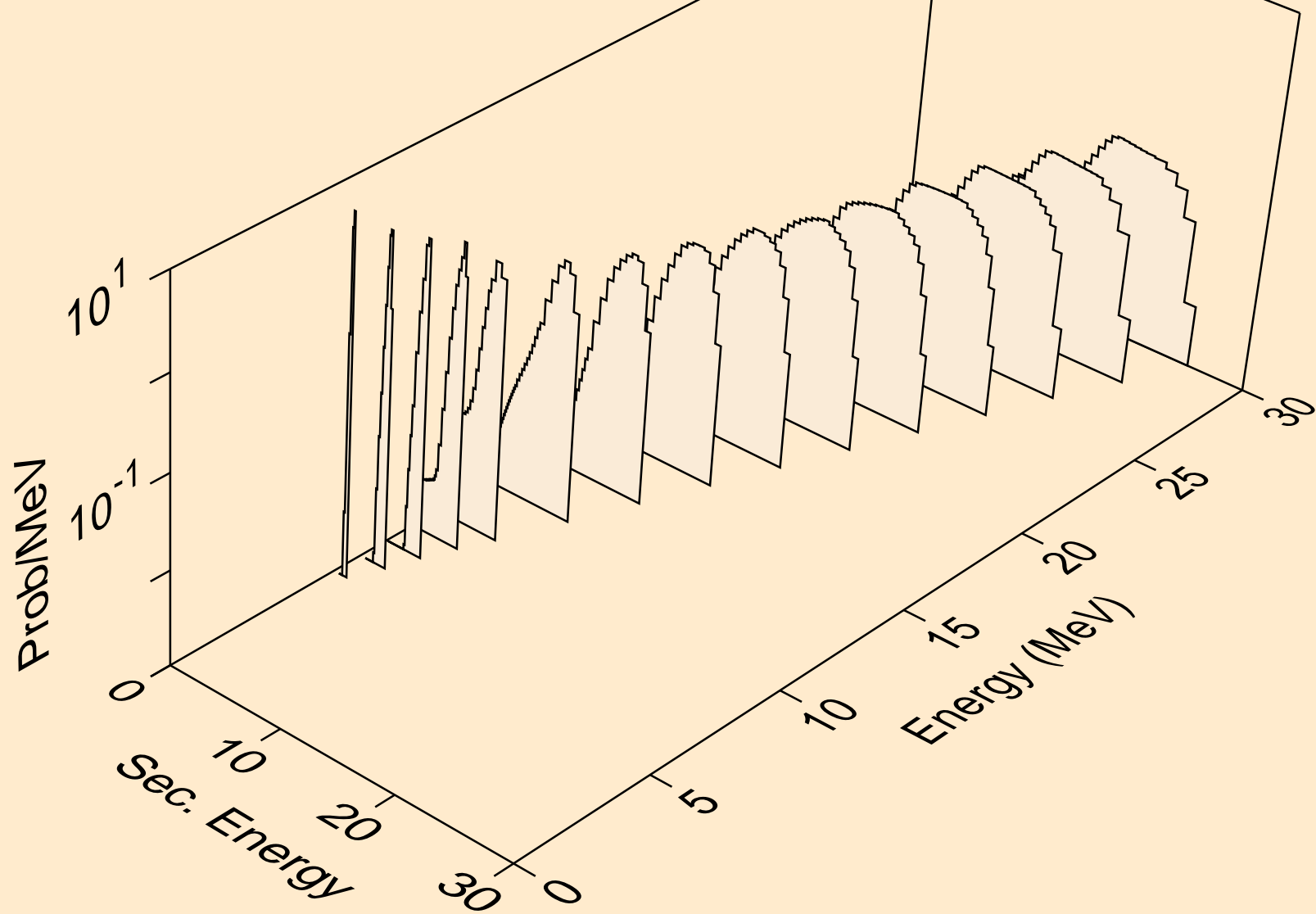
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



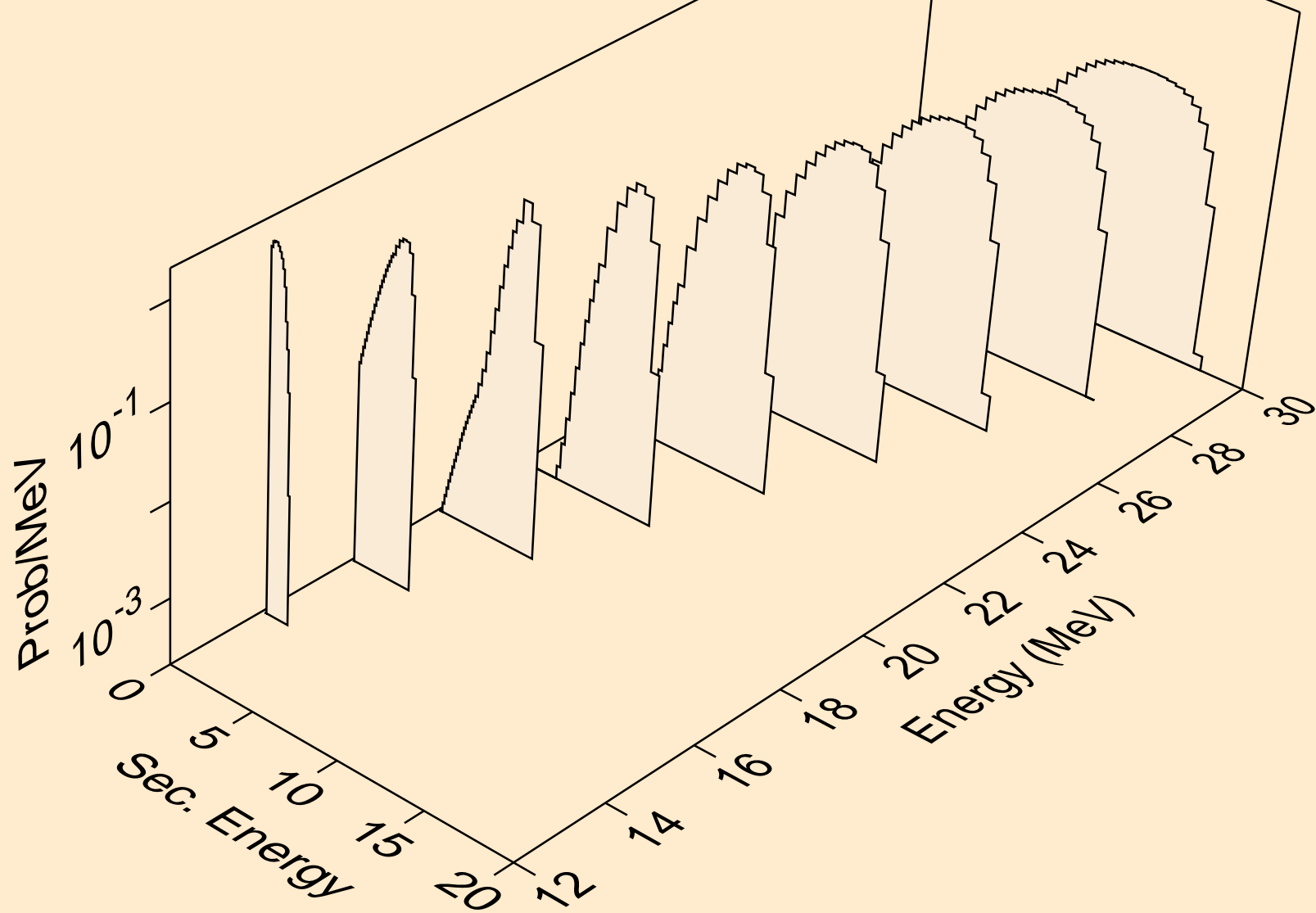
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



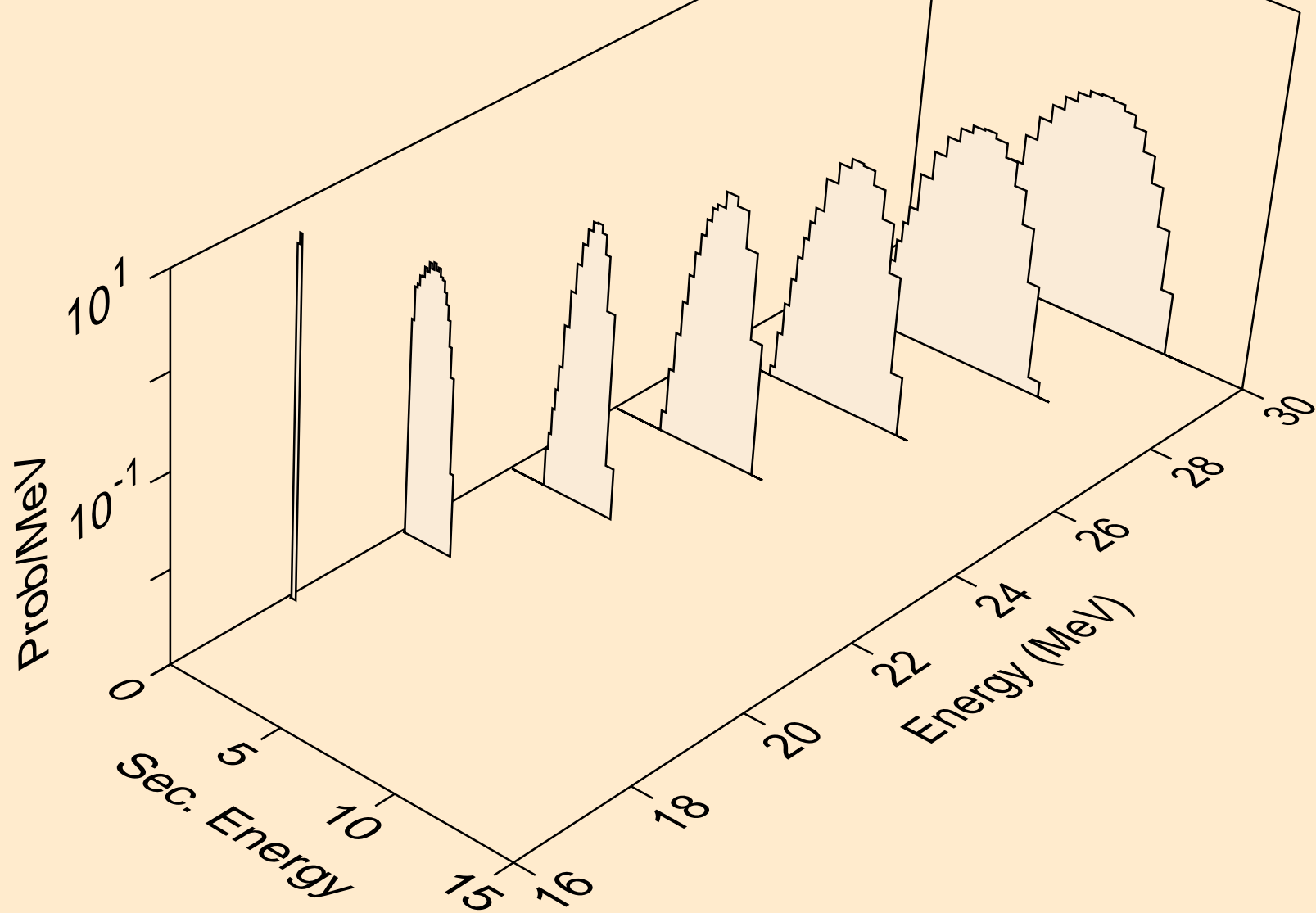
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



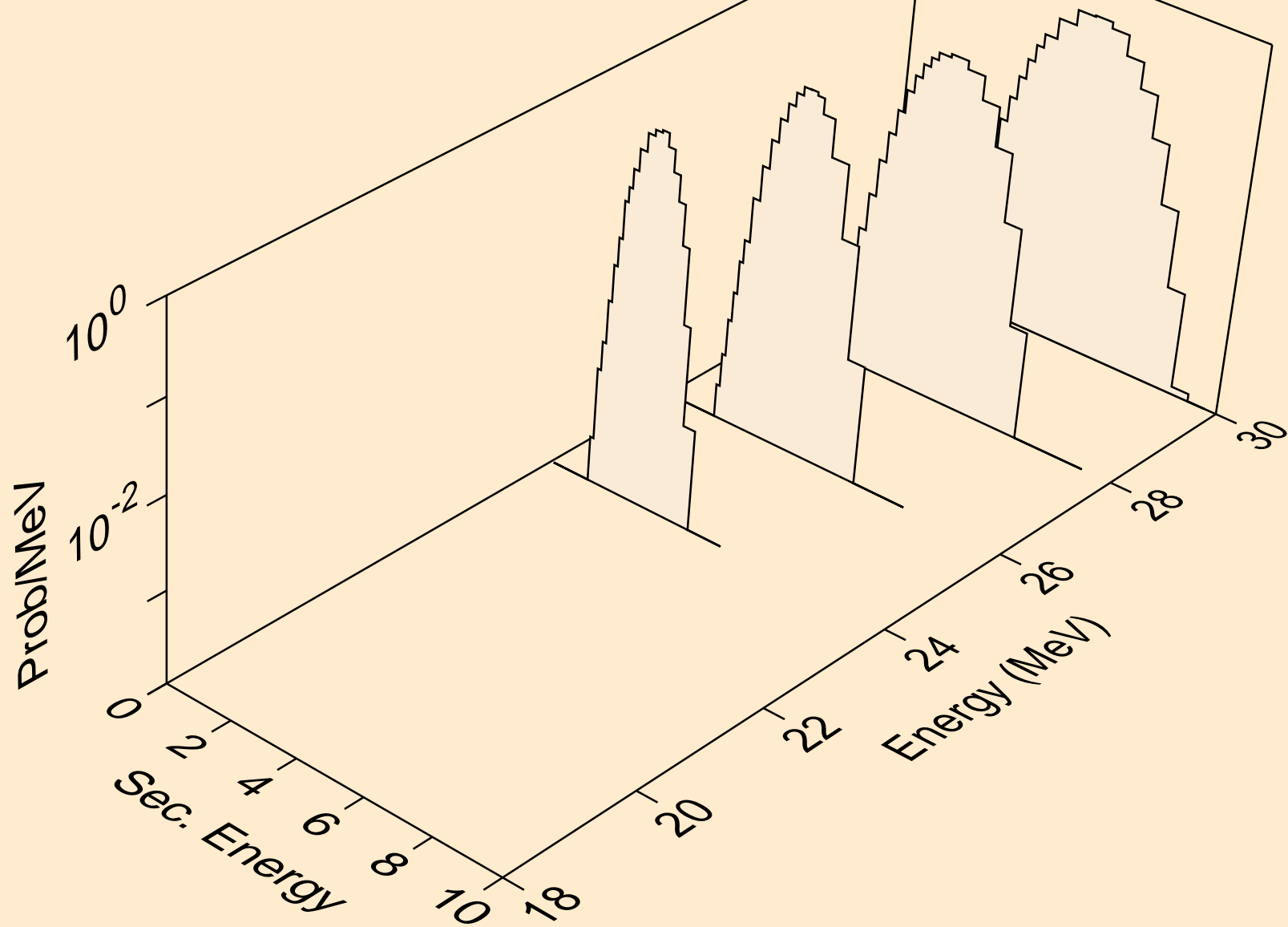
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



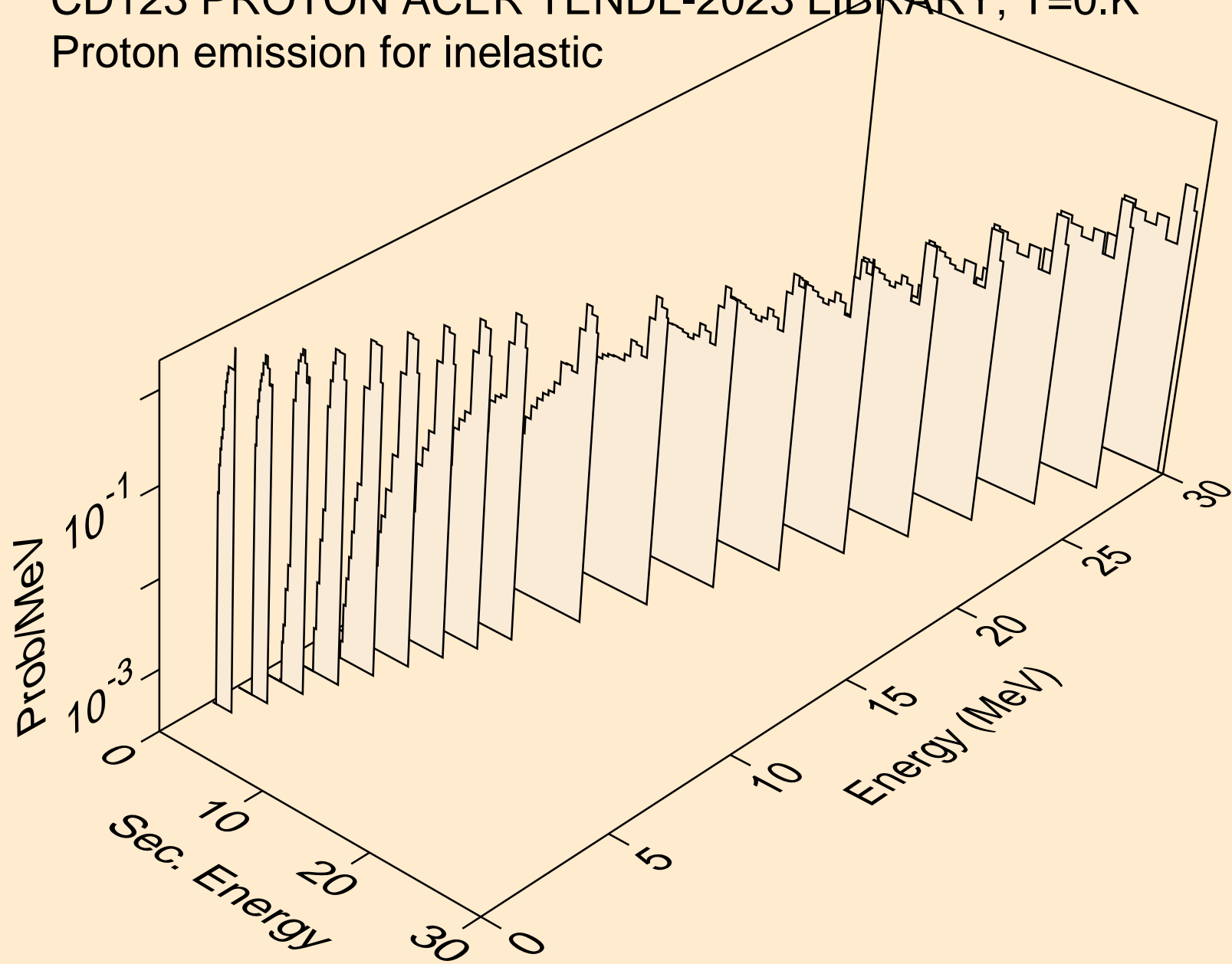
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

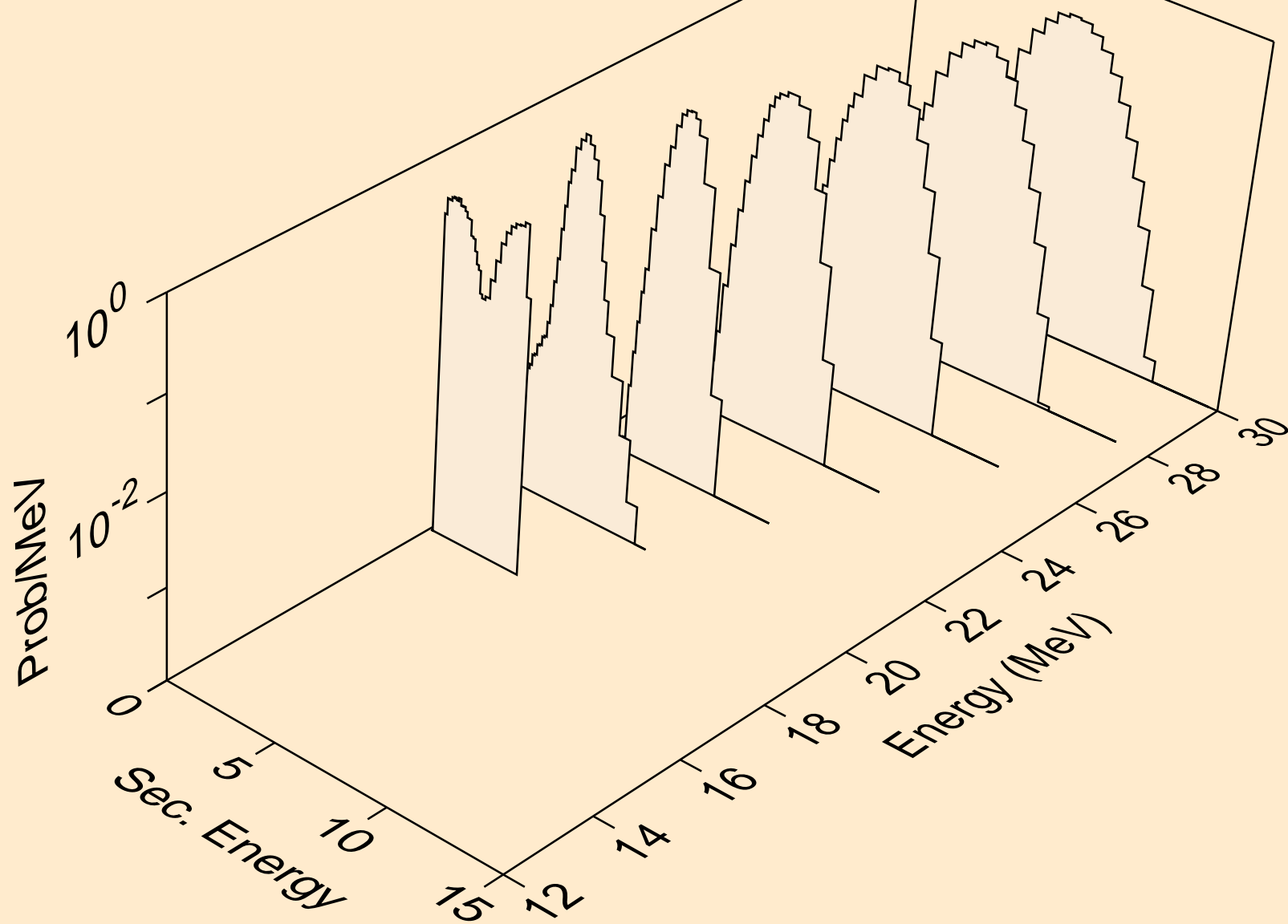


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

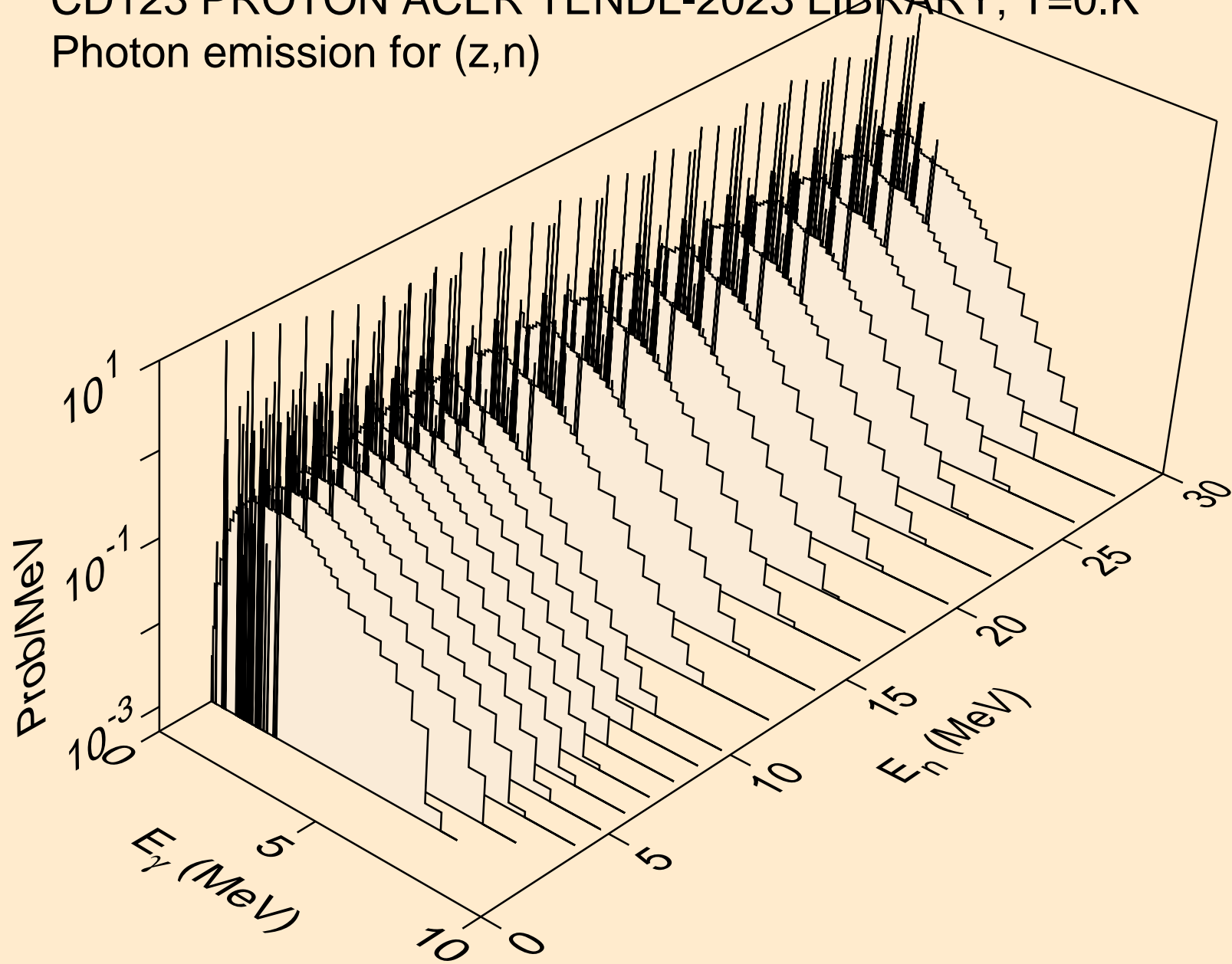




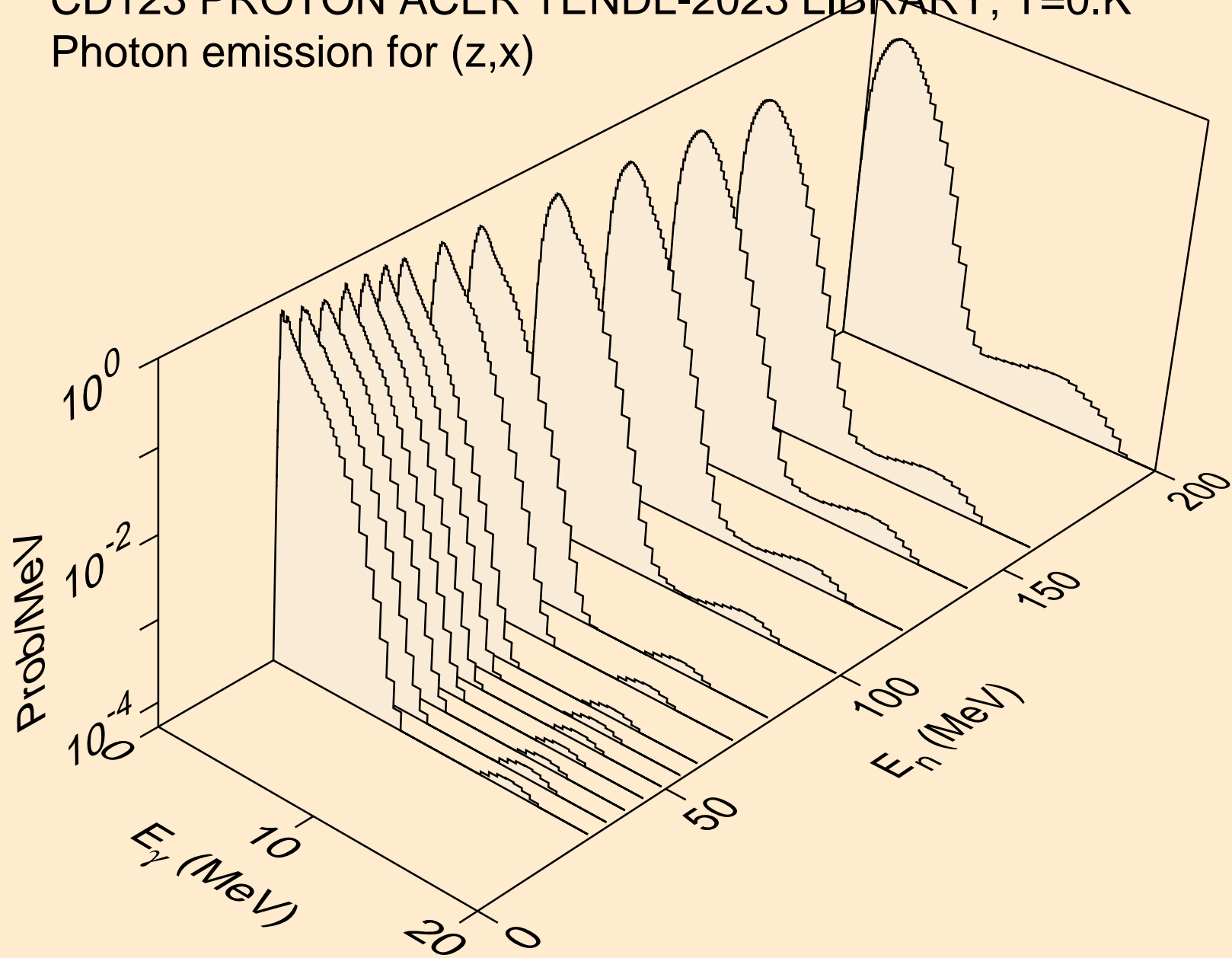
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



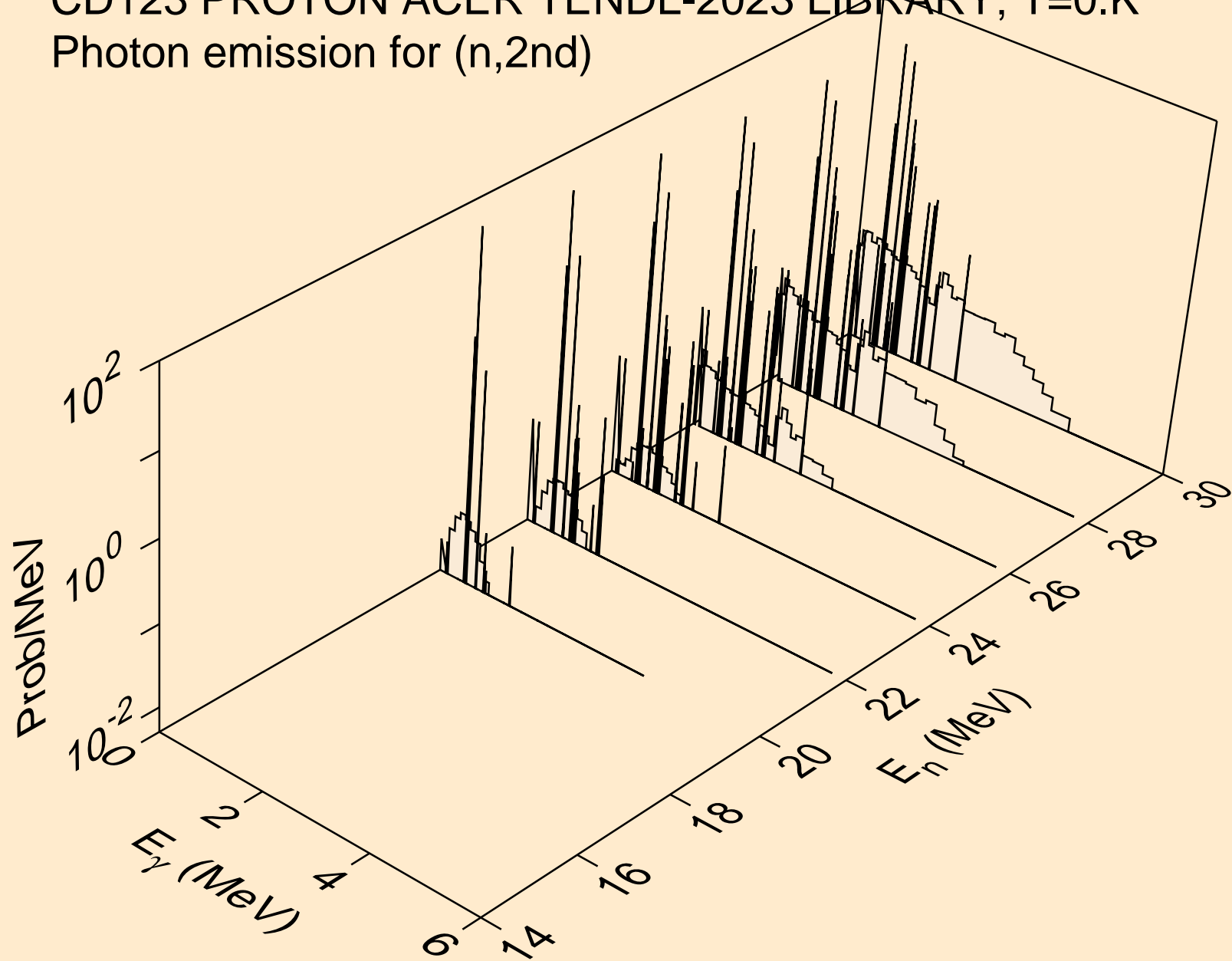
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



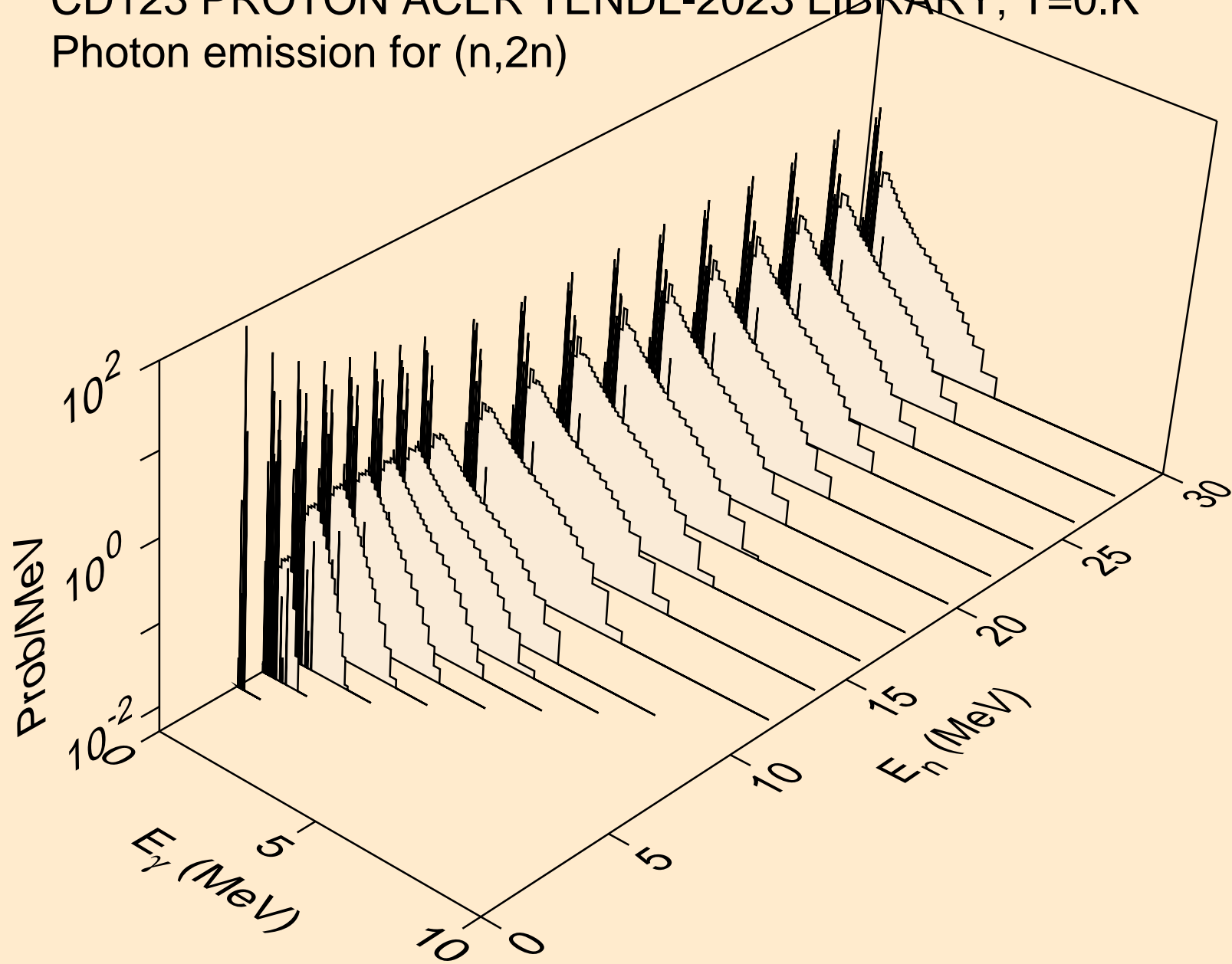
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



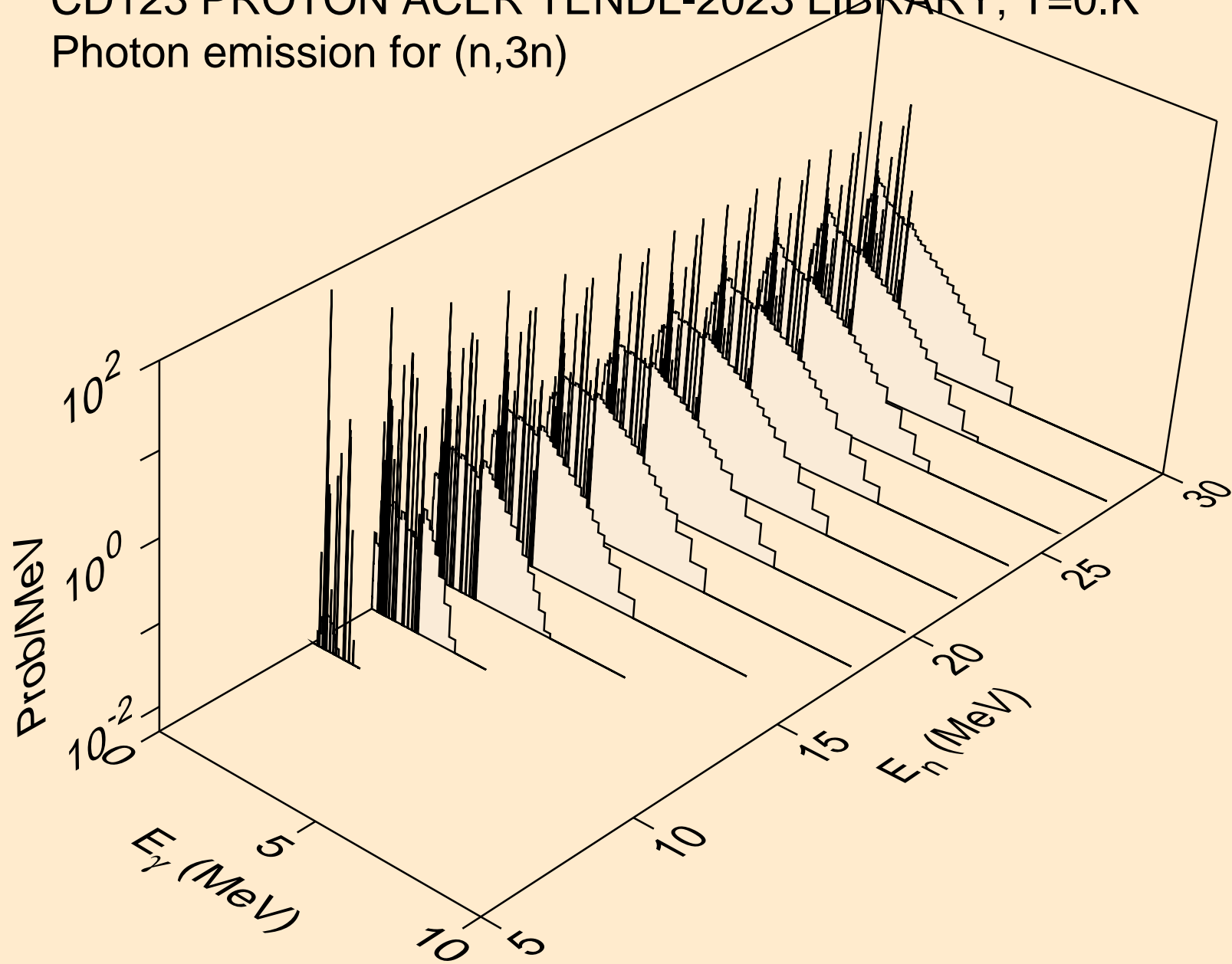
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



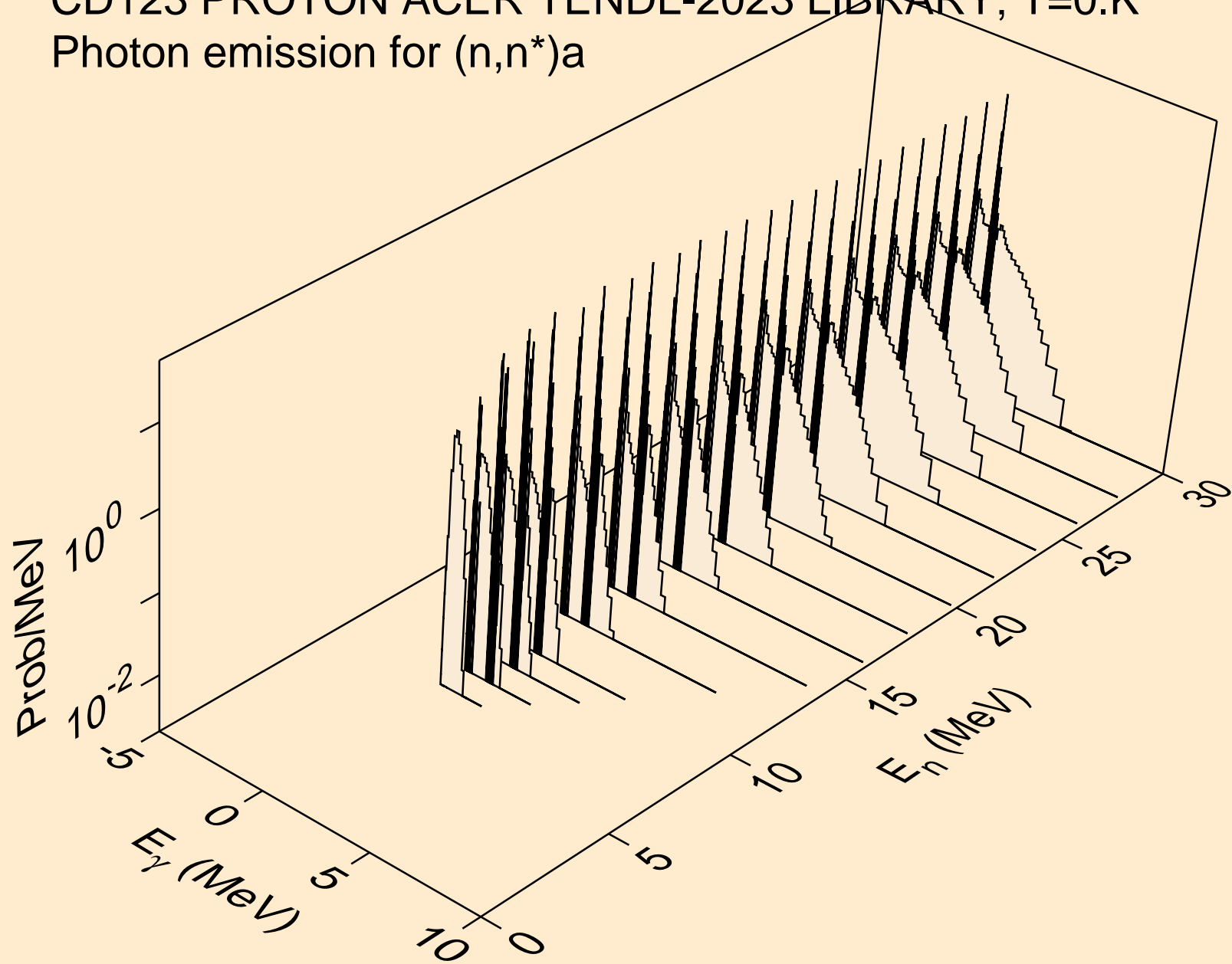
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



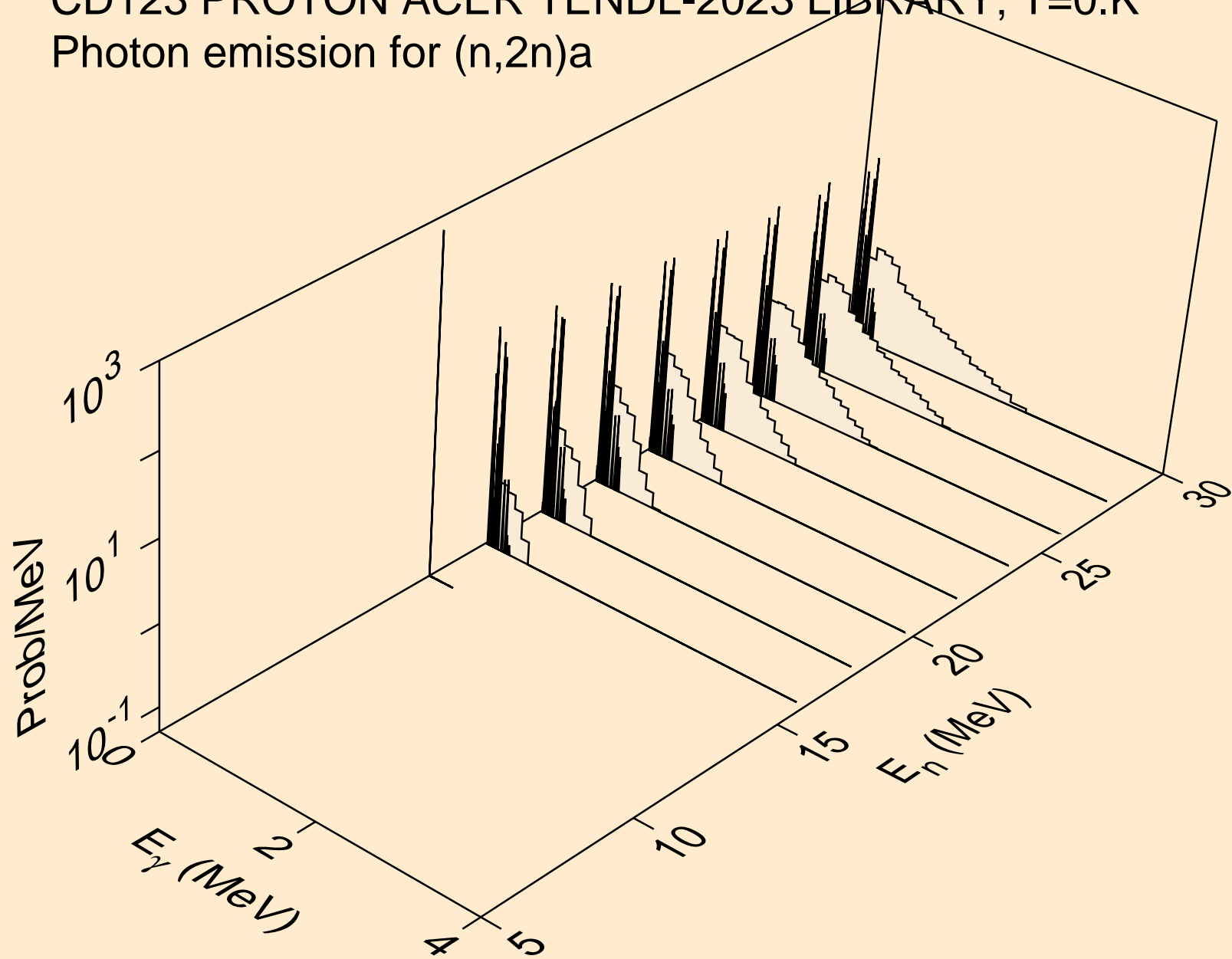
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

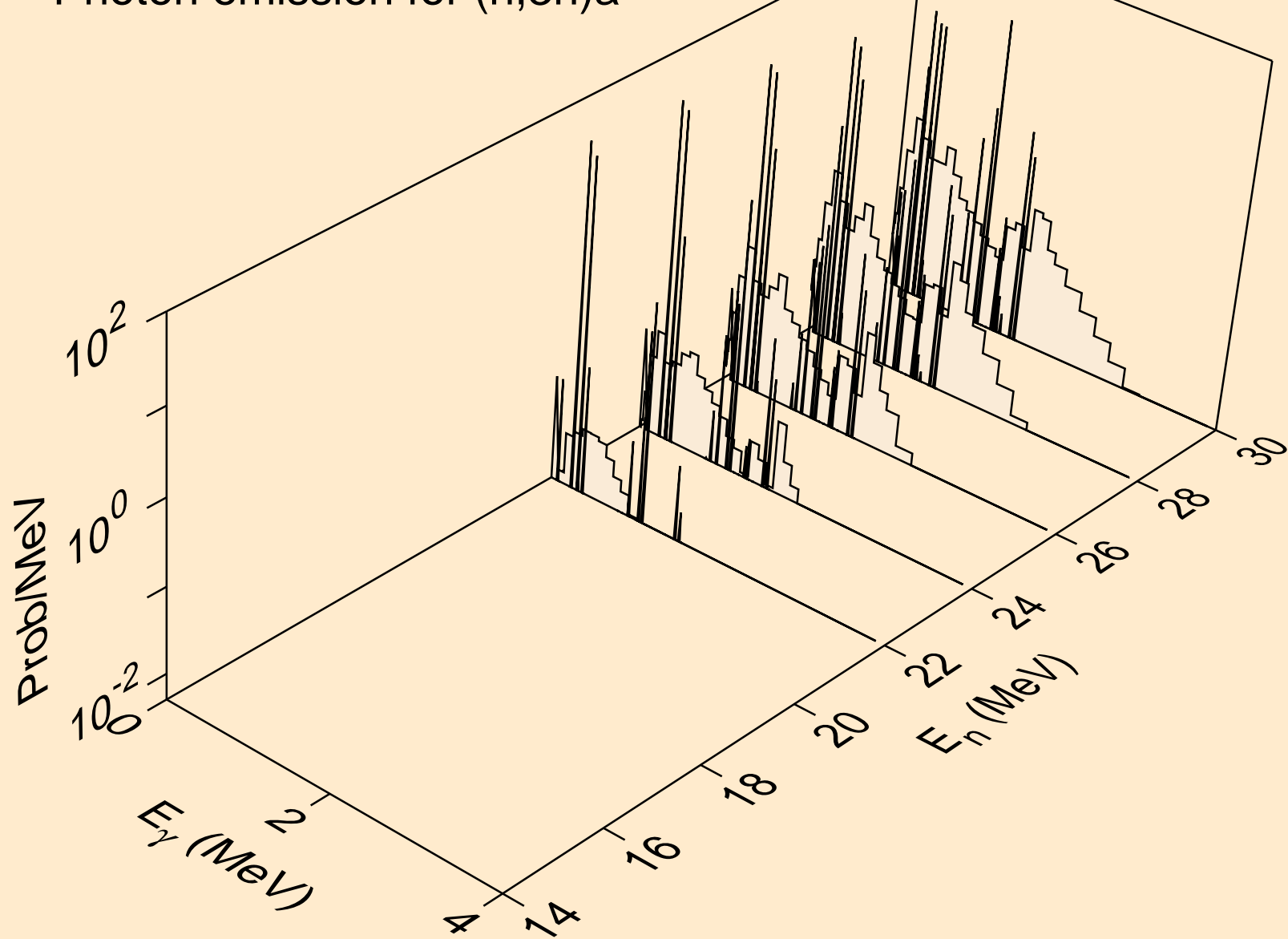


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

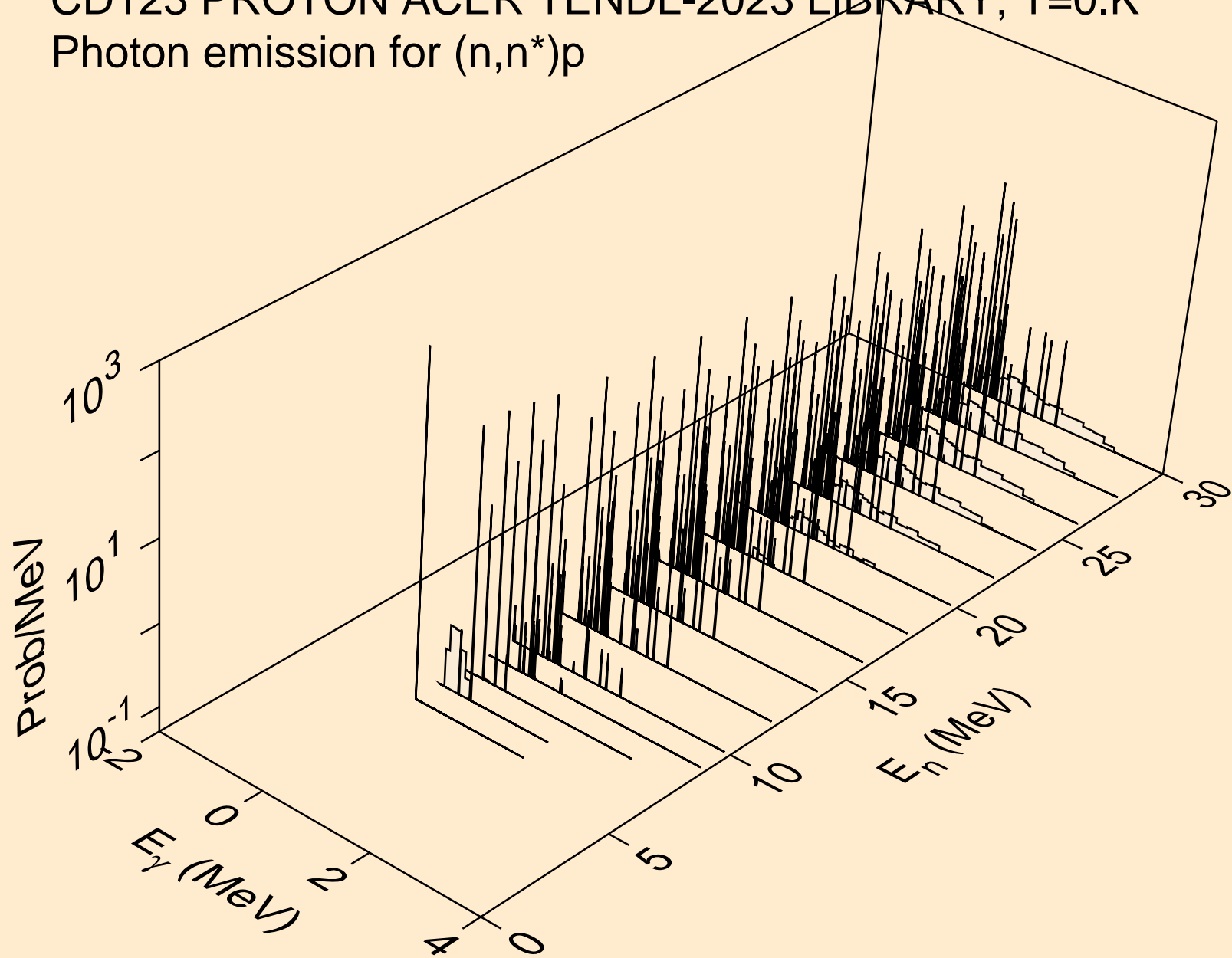




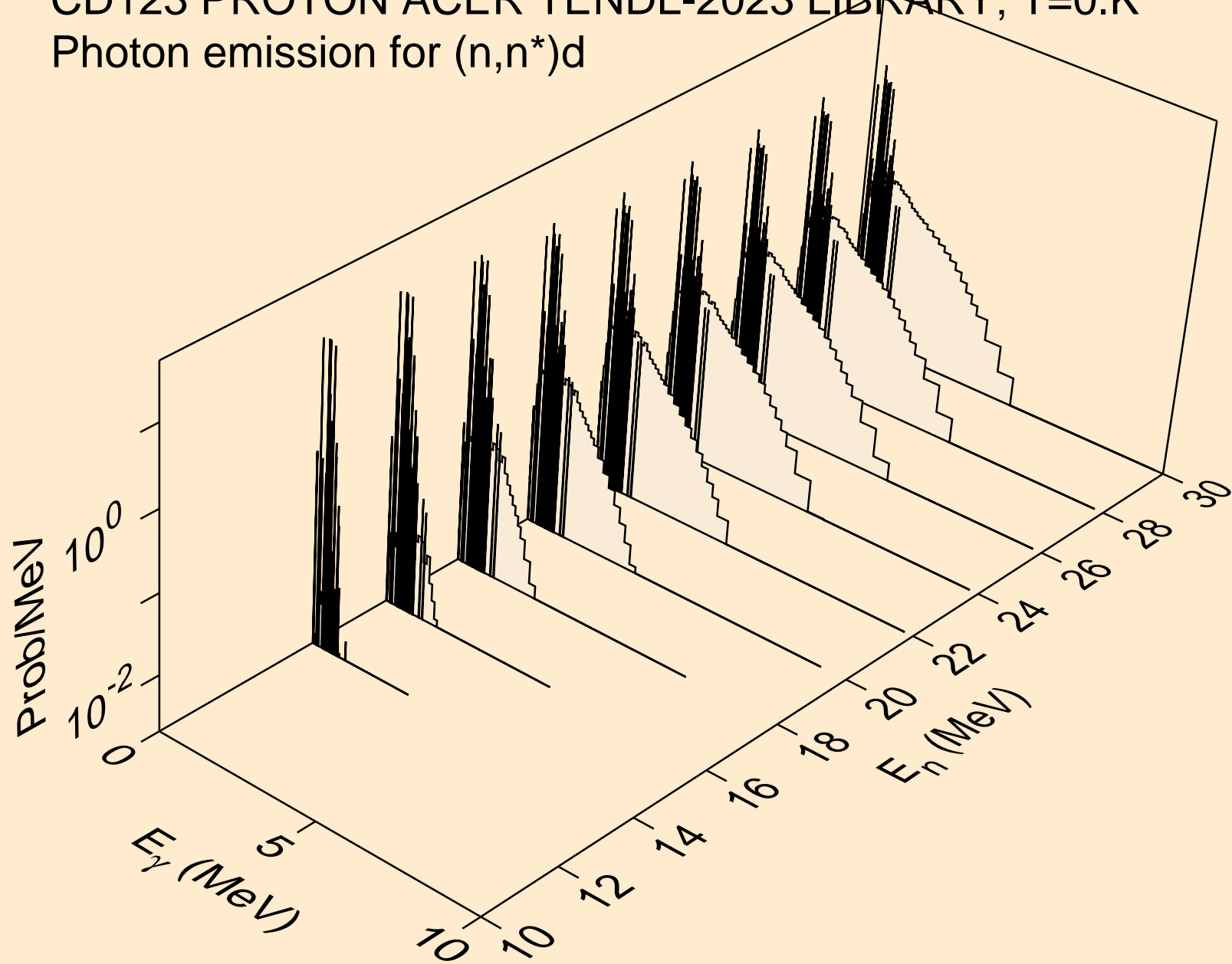
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



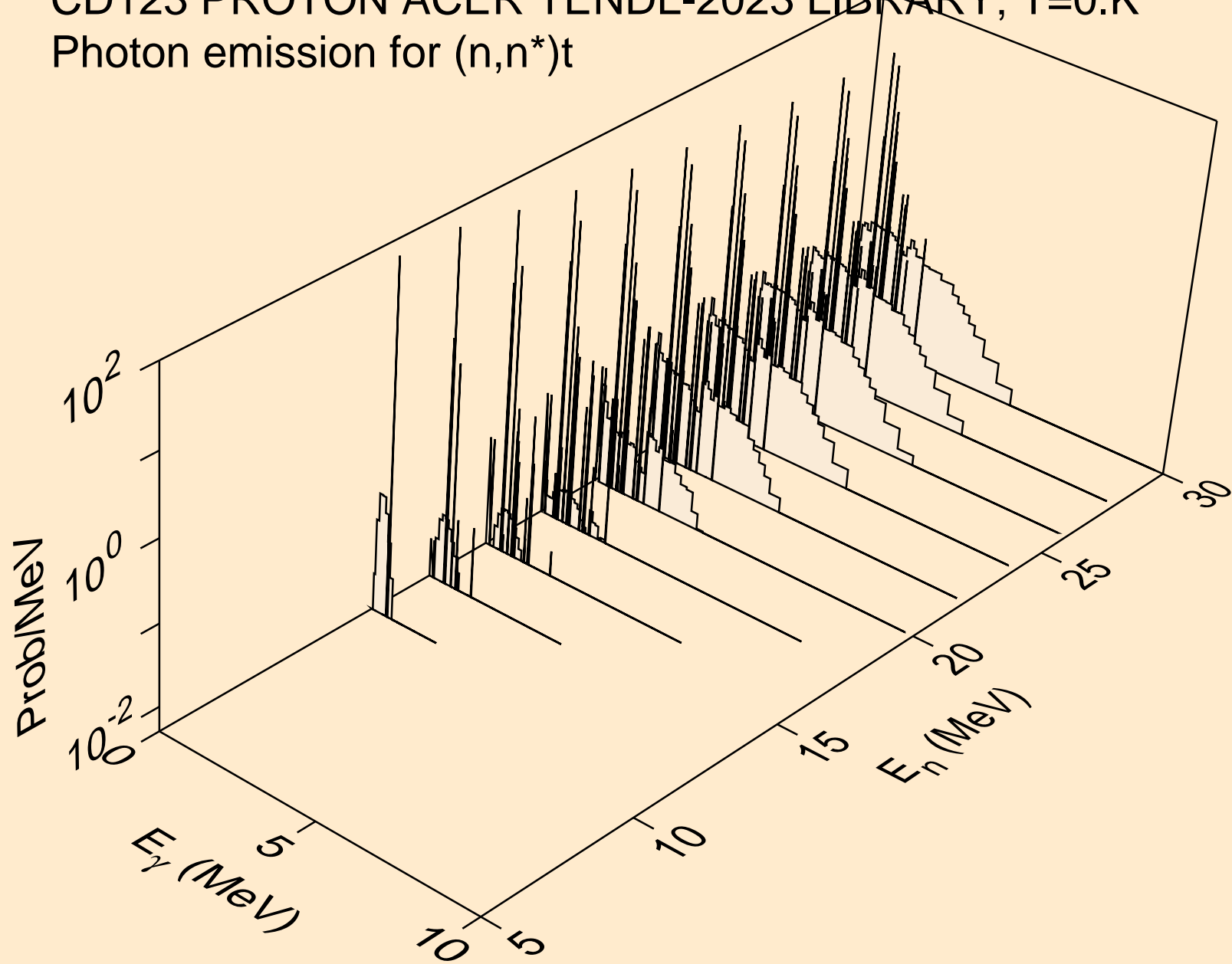
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



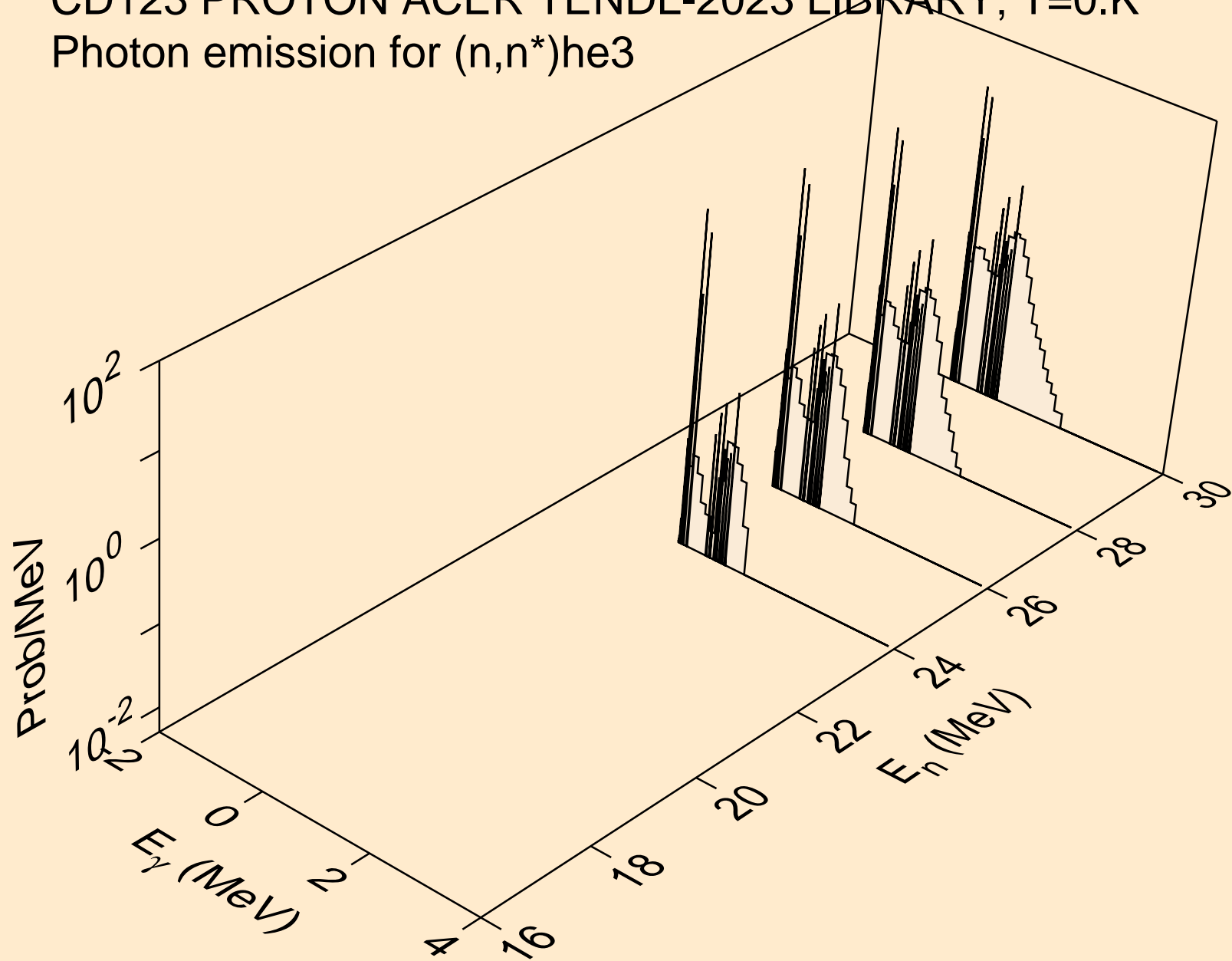
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



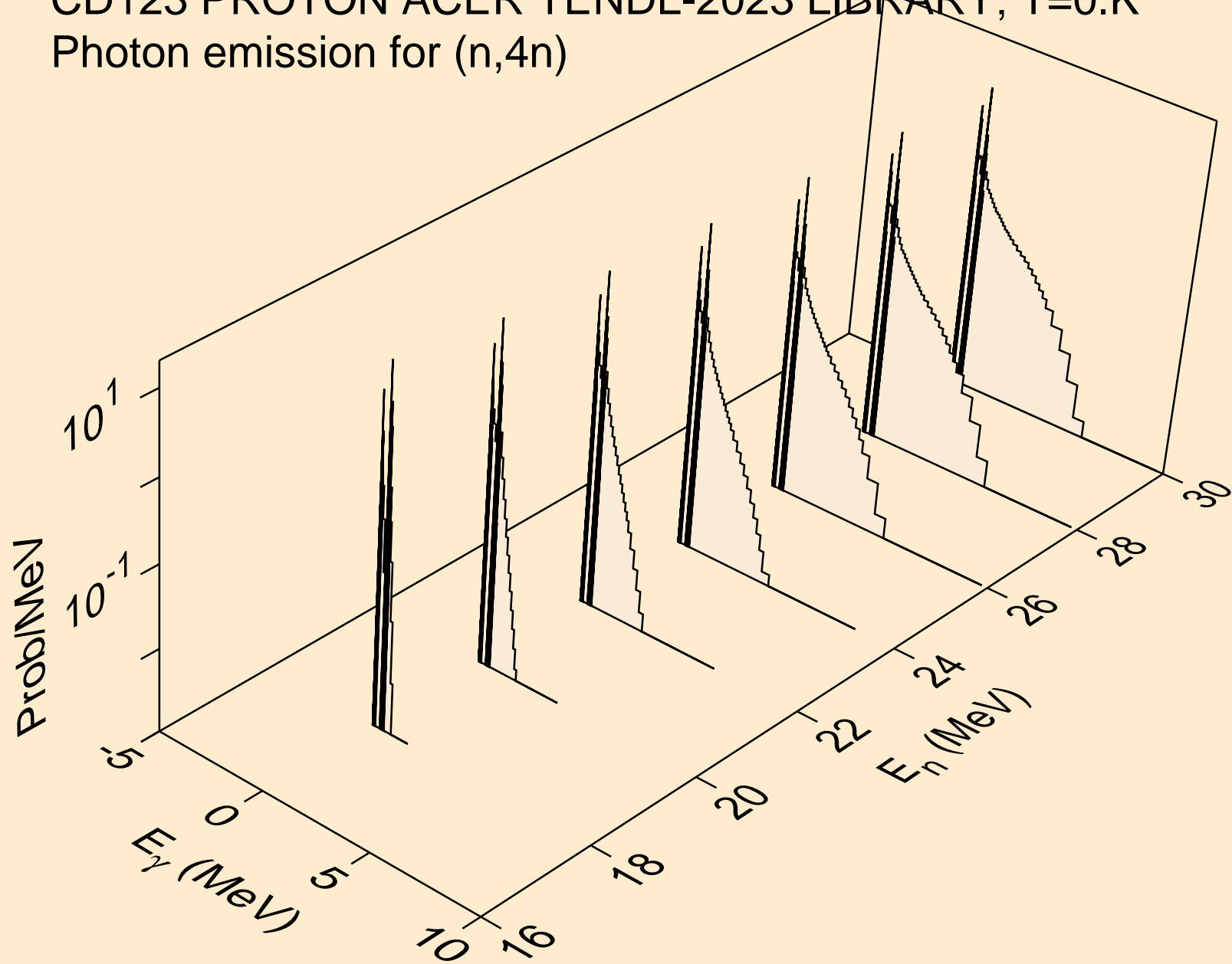
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



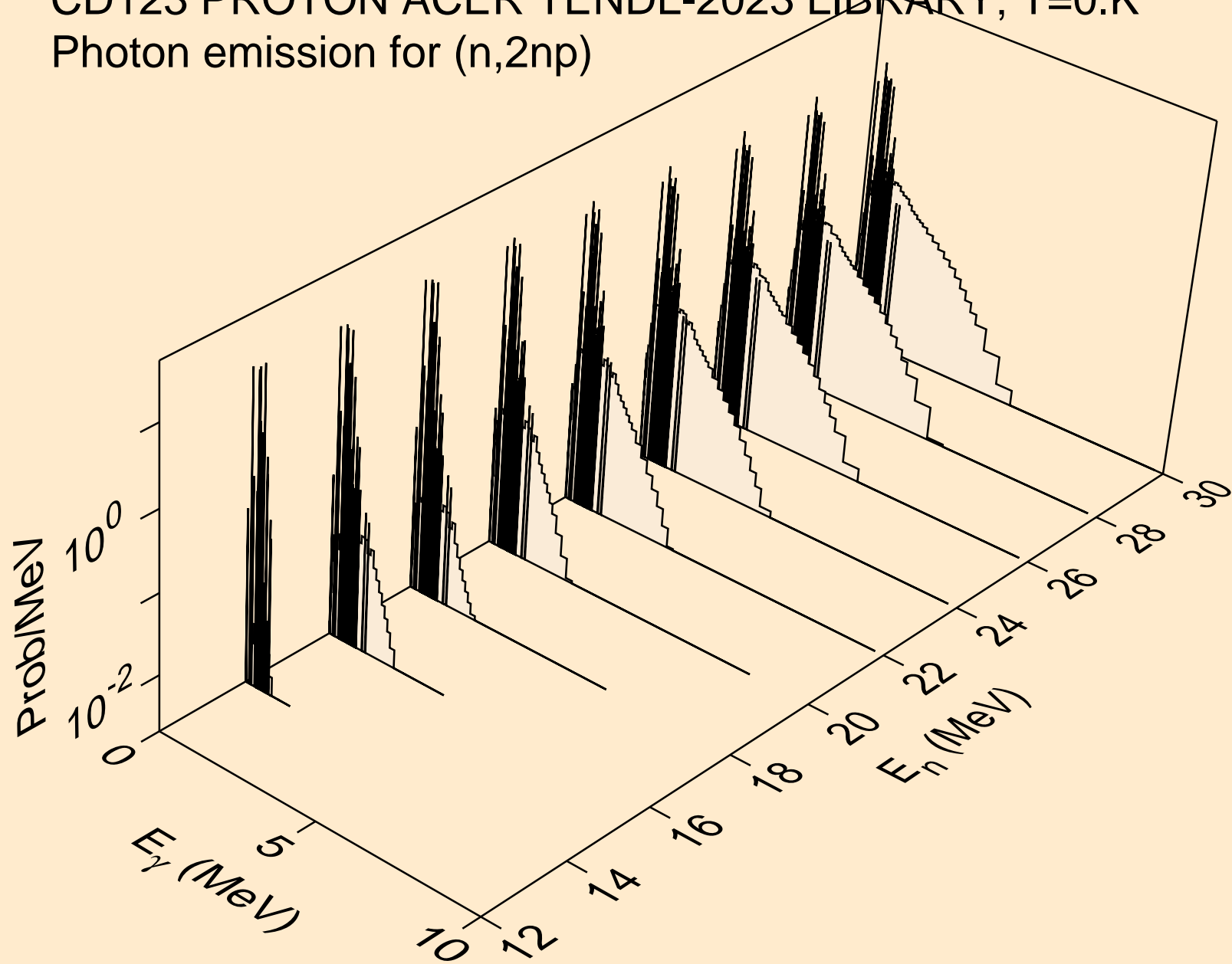
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



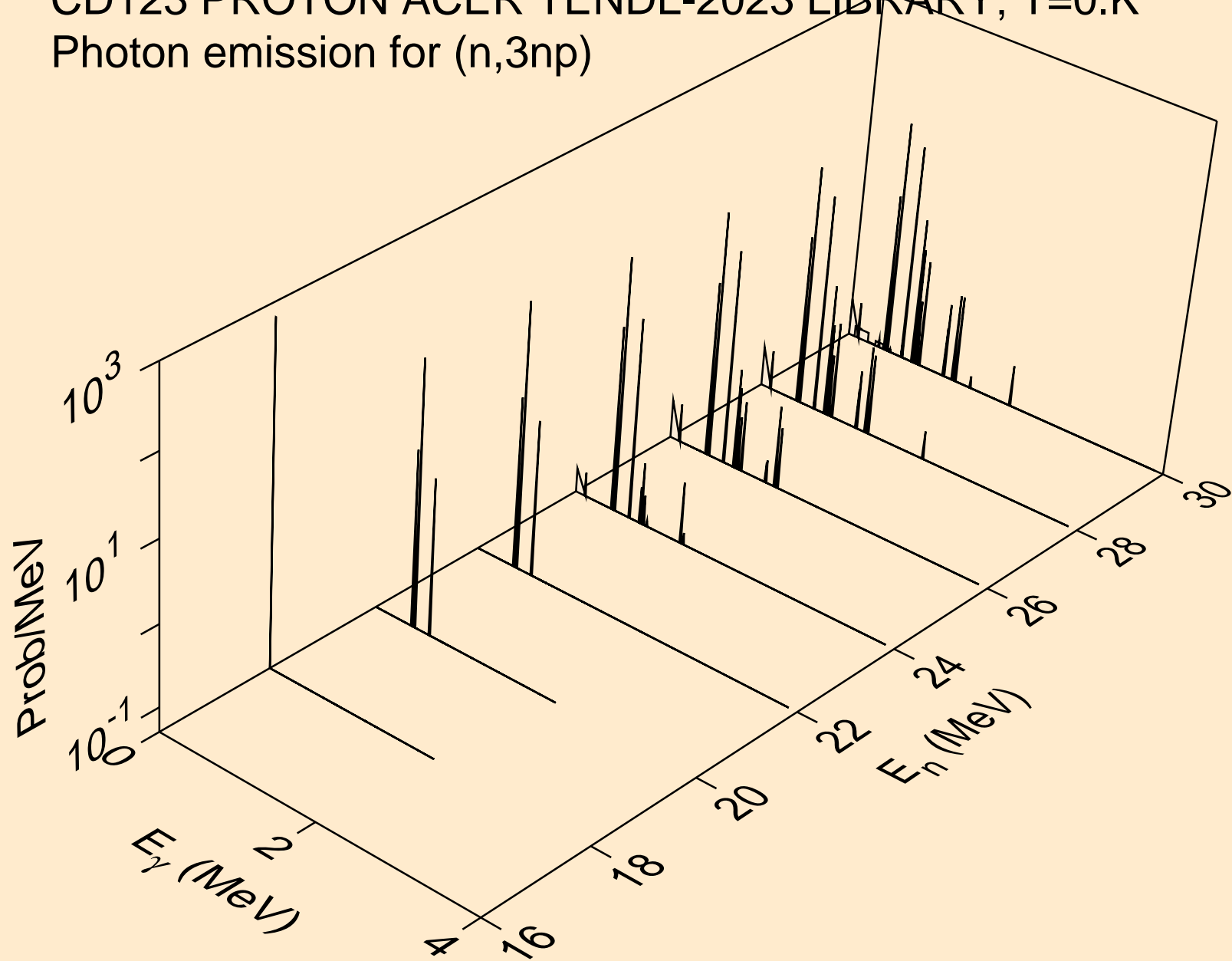
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

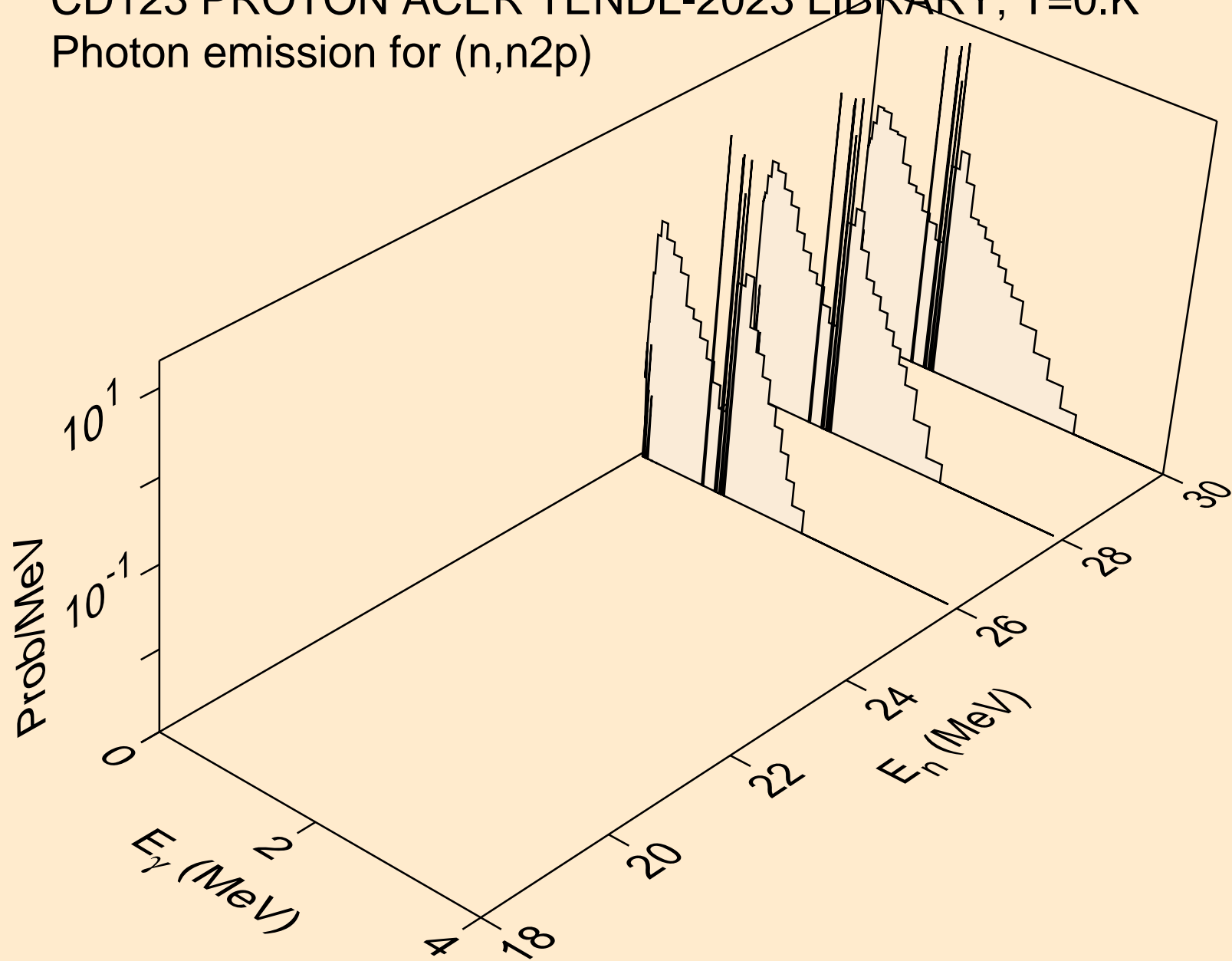


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

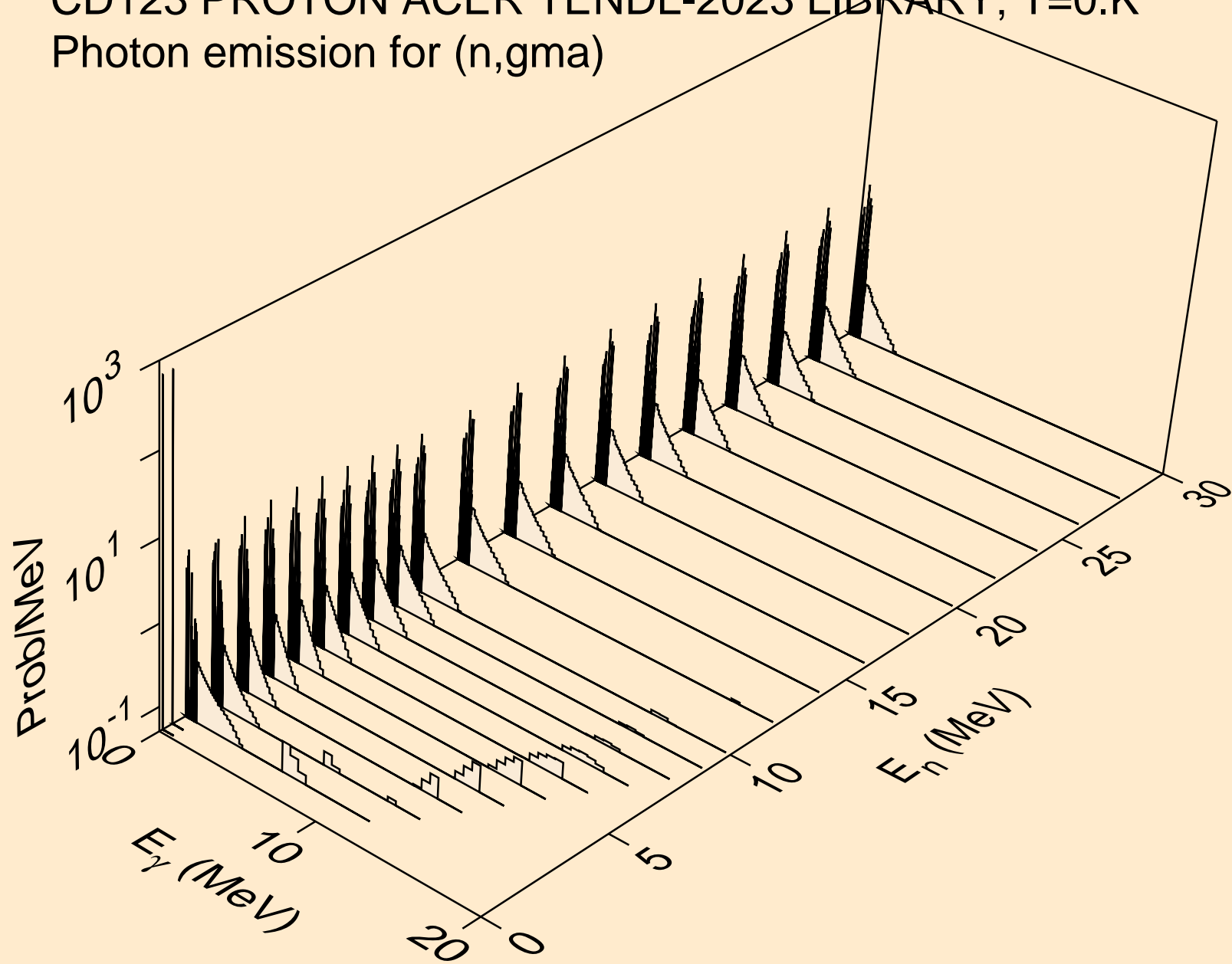




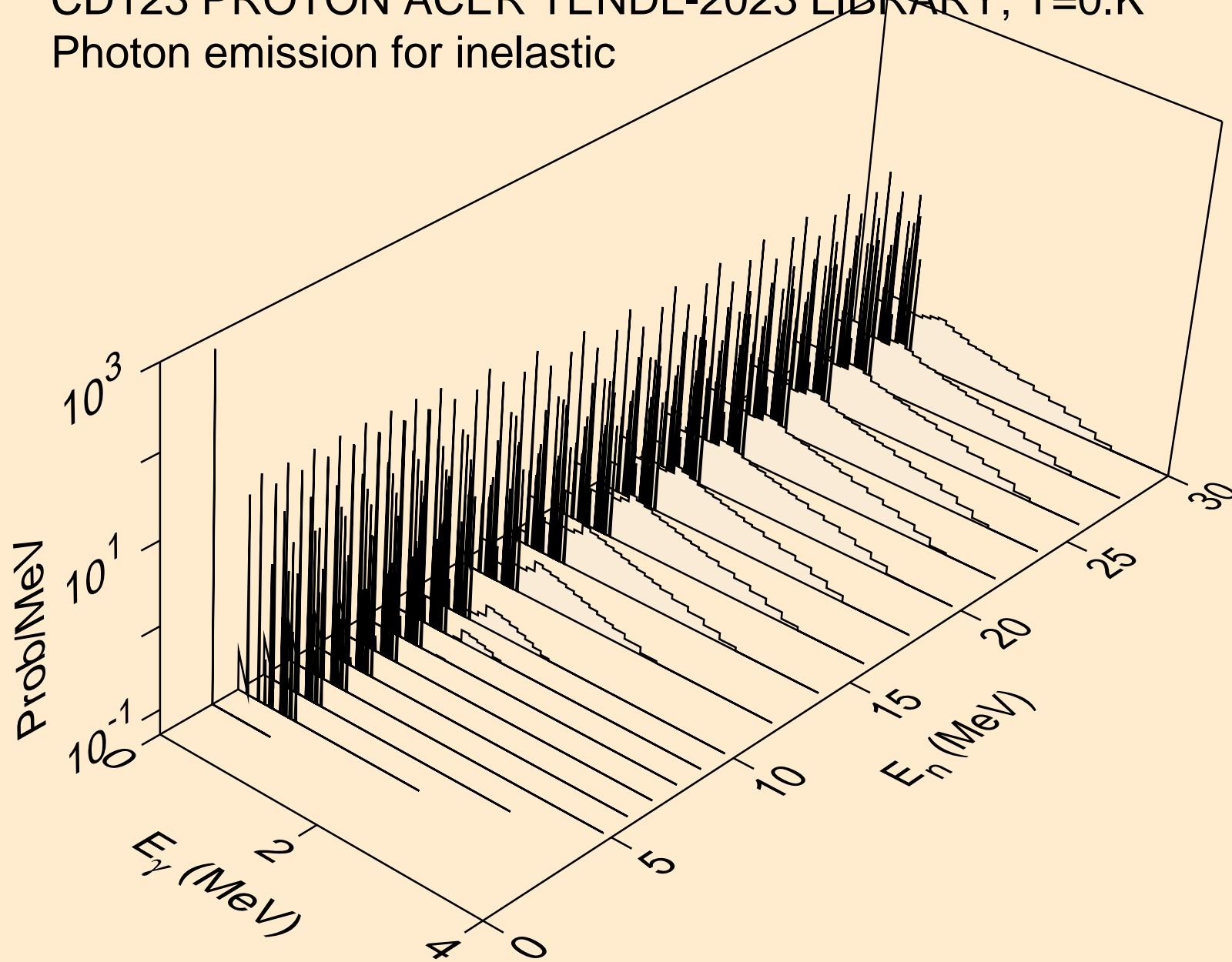
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Photon emission for (n,n2p)



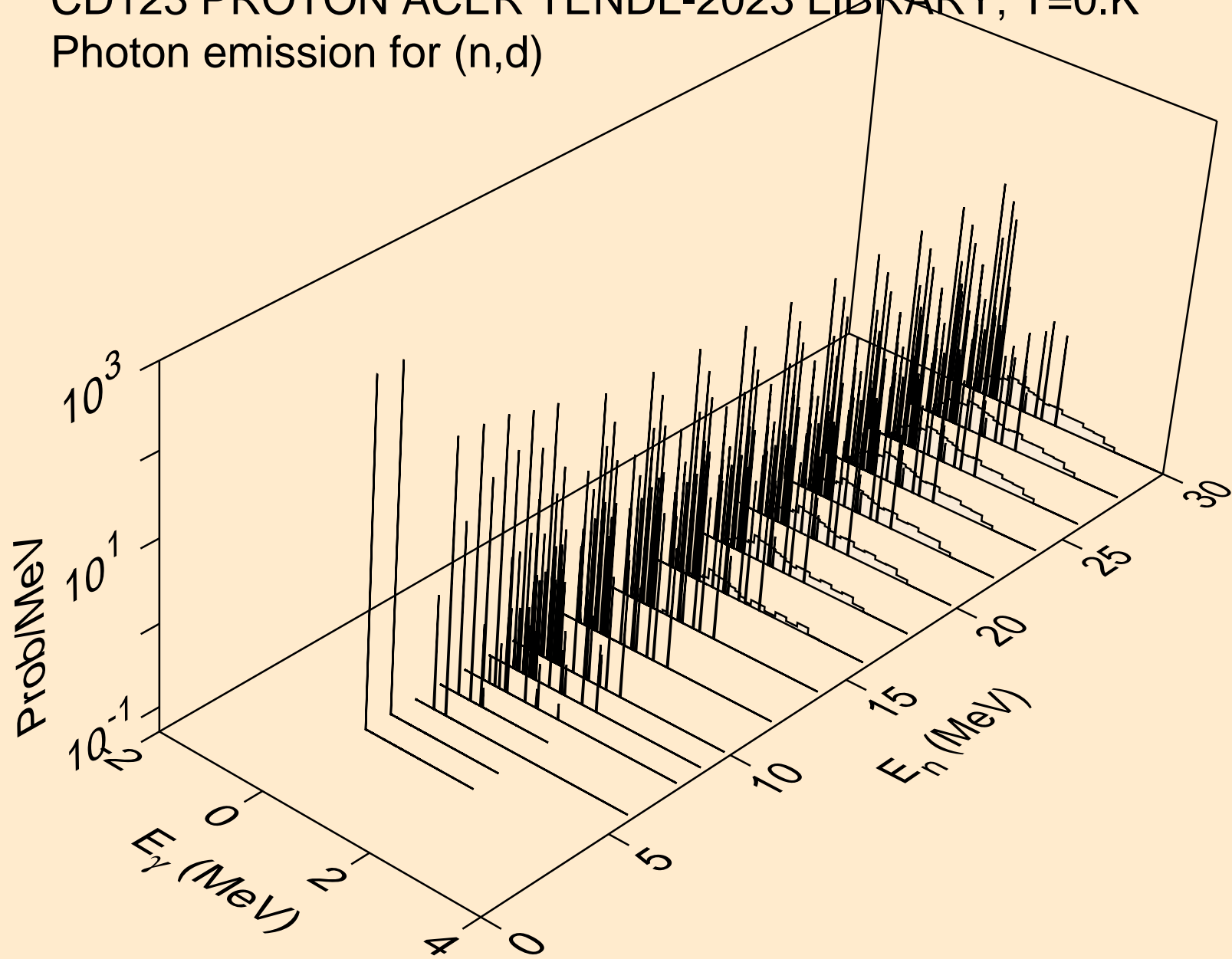
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Photon emission for (n,gma)



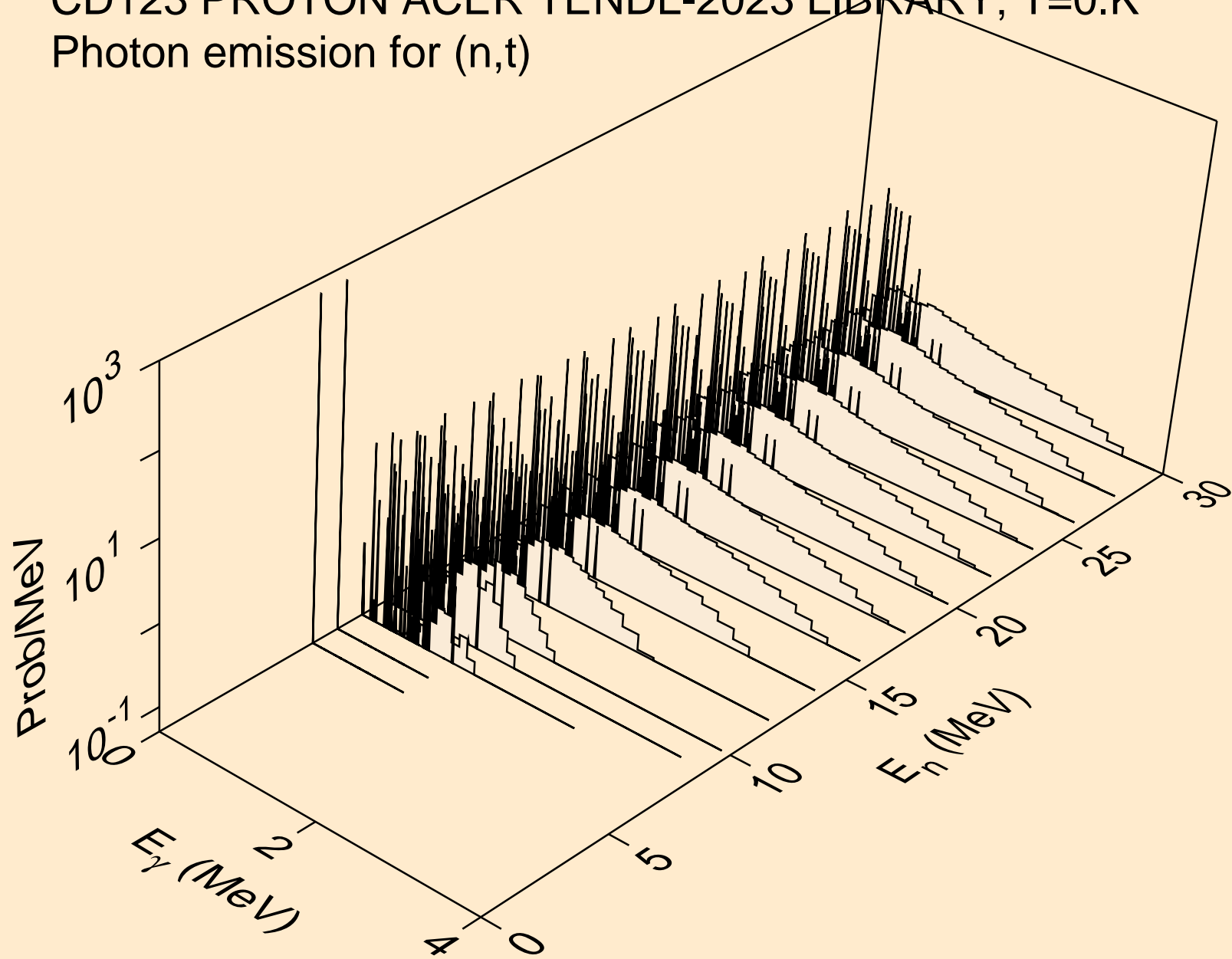
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



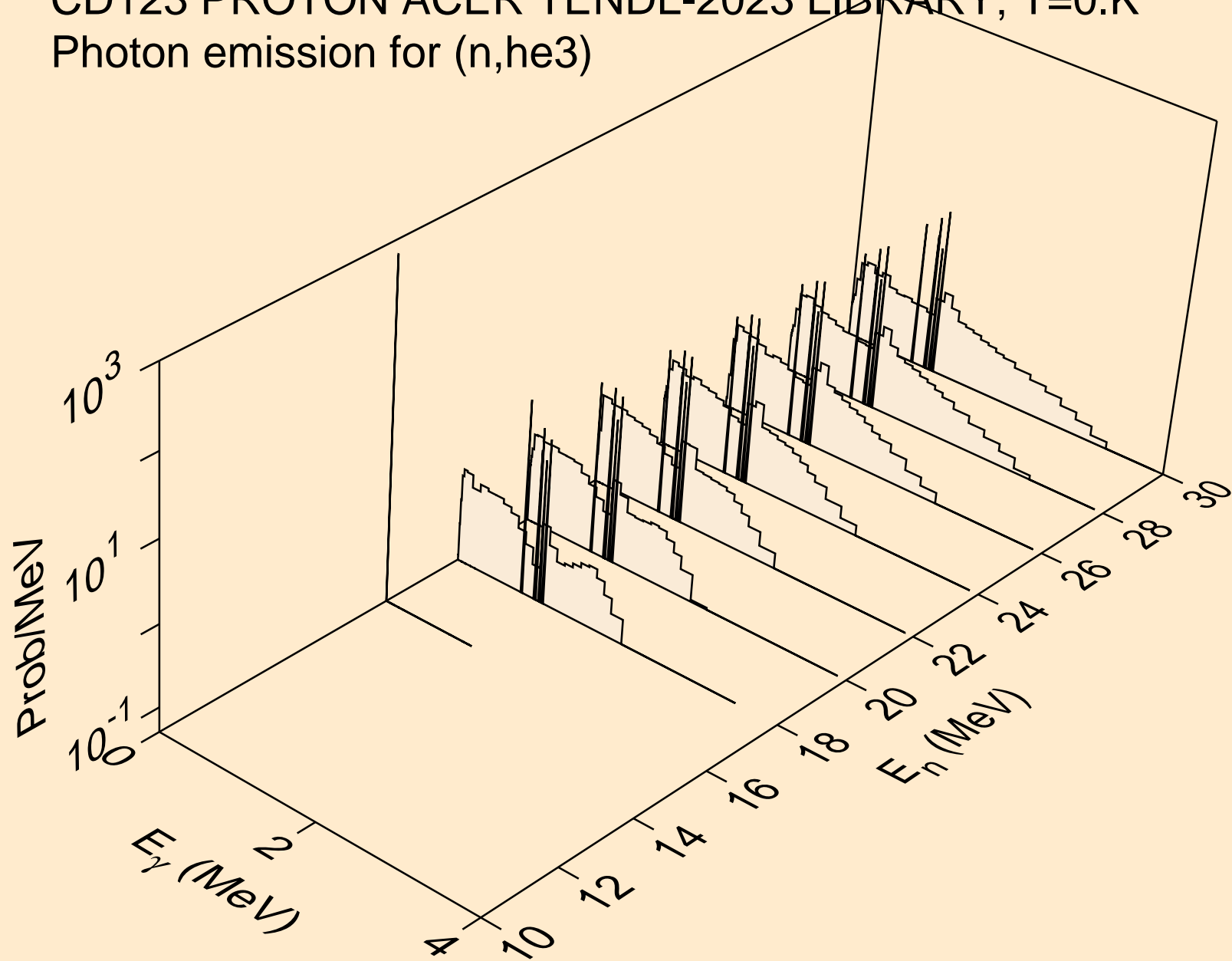
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



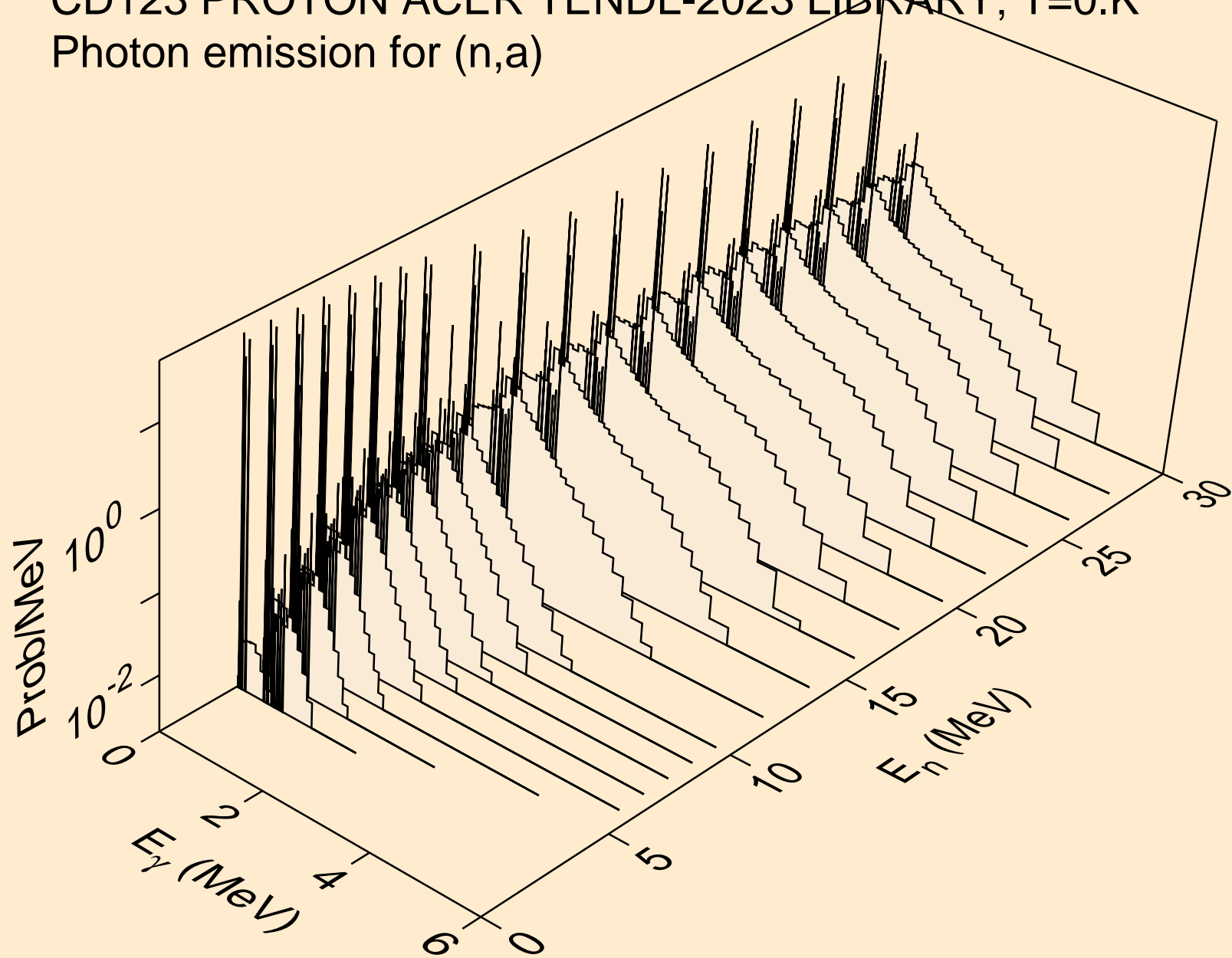
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



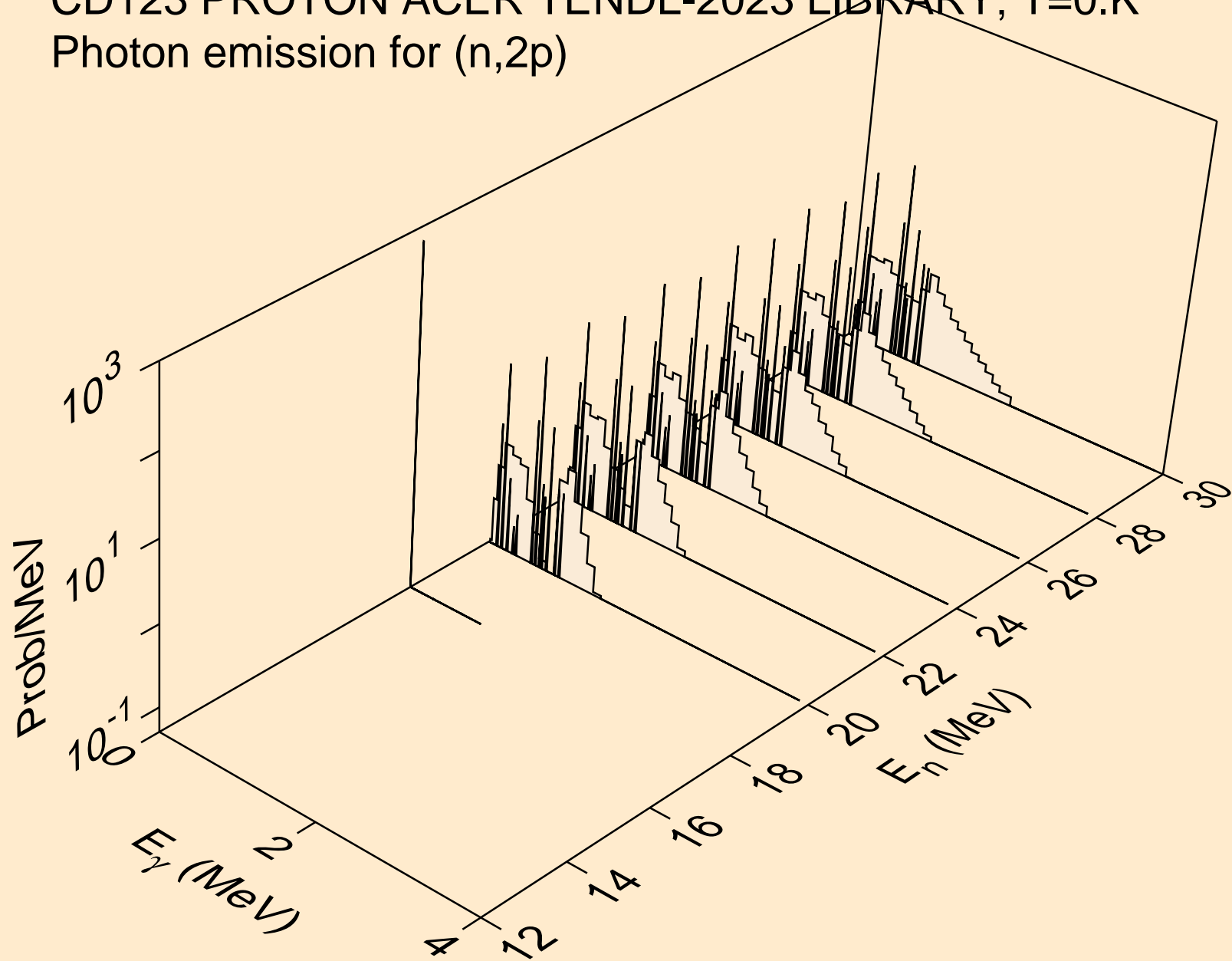
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



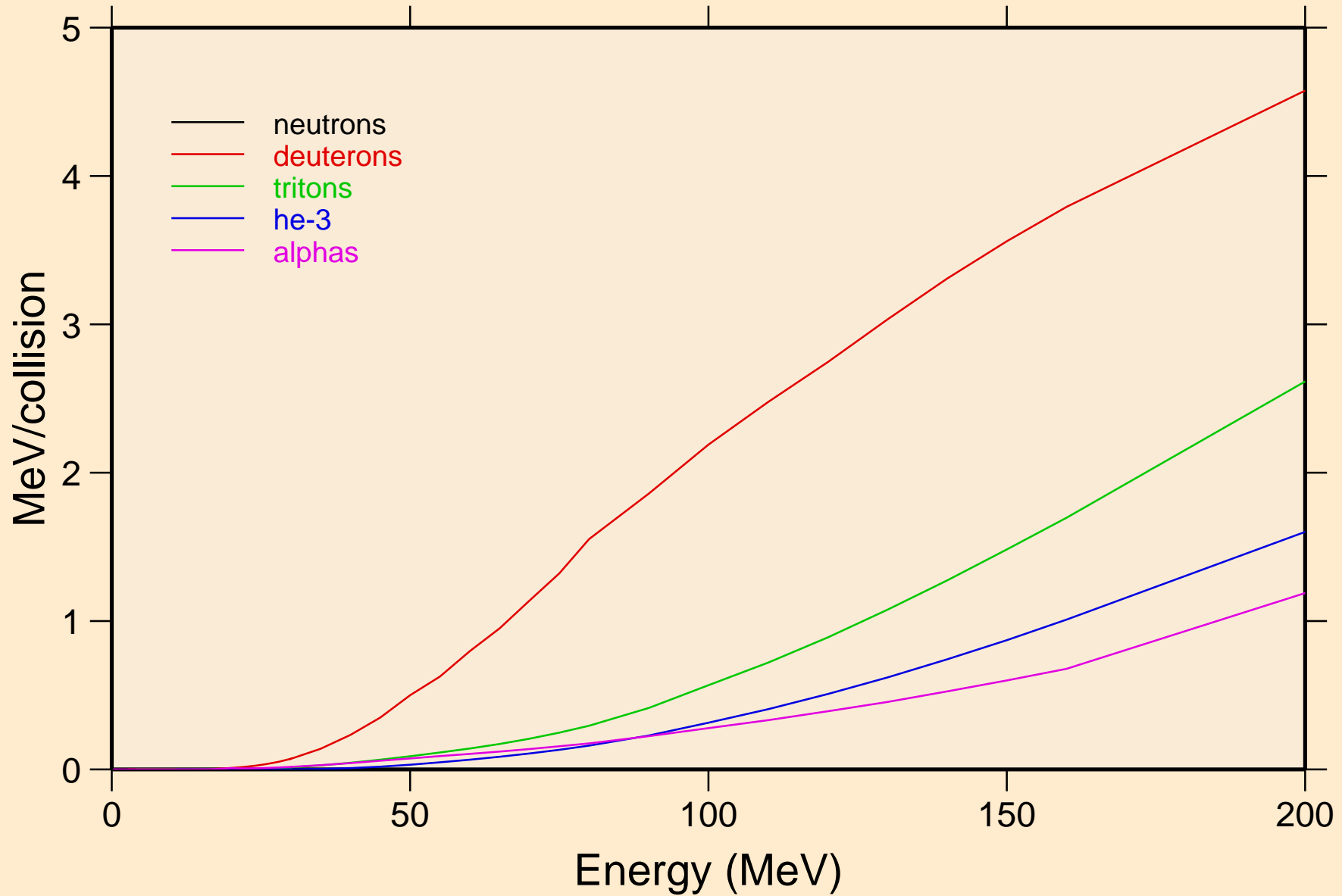
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



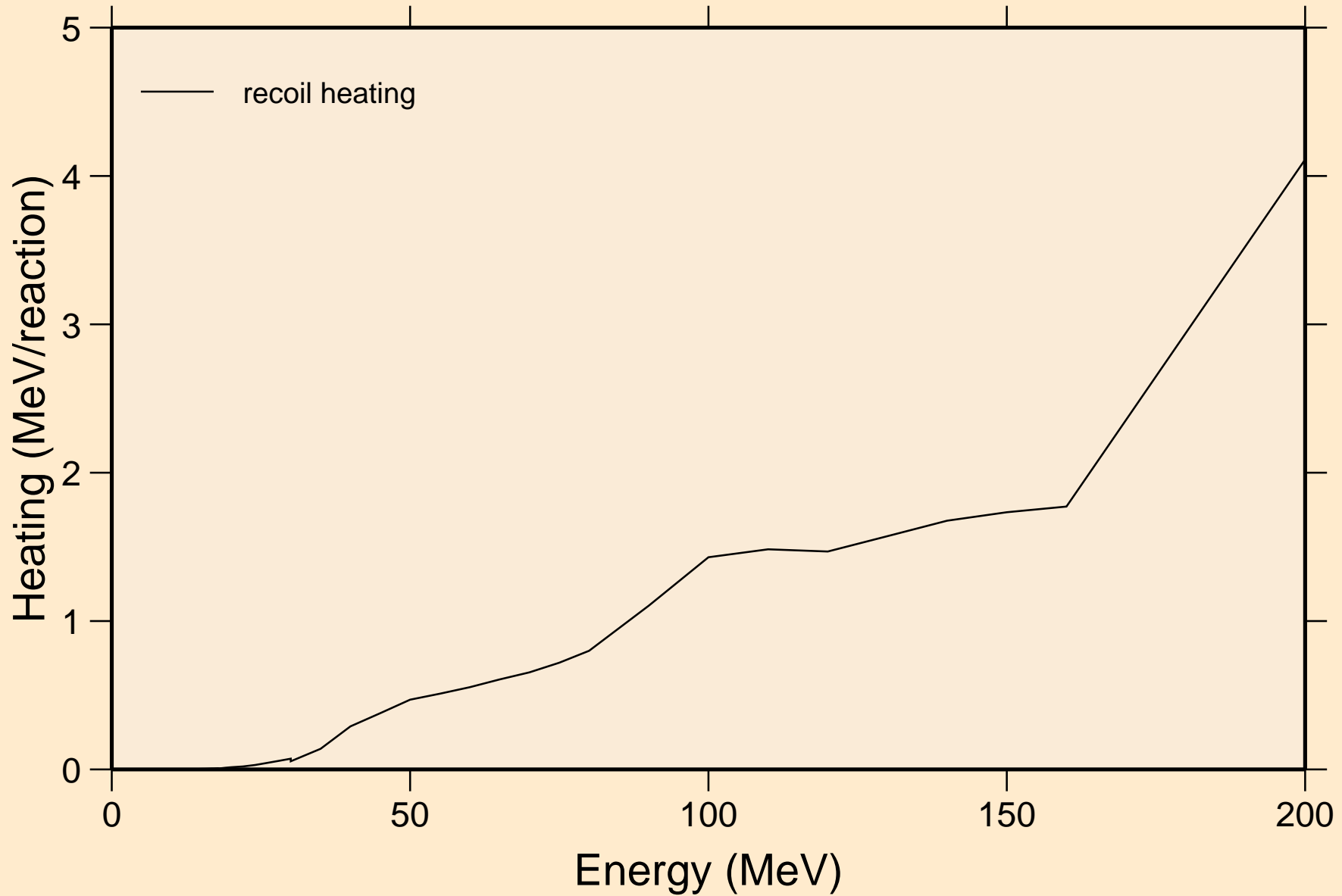


# CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K

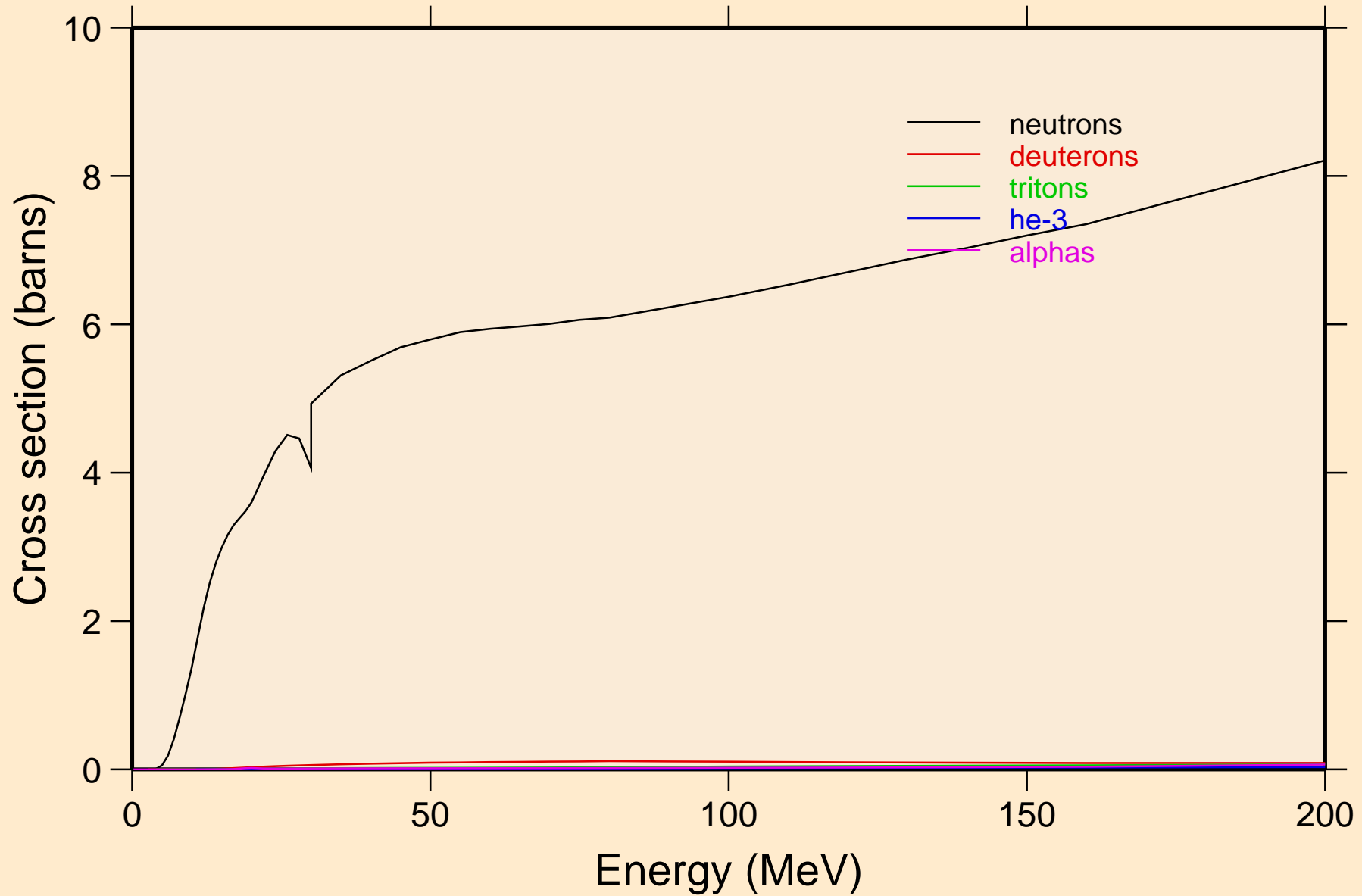
## Particle heating contributions



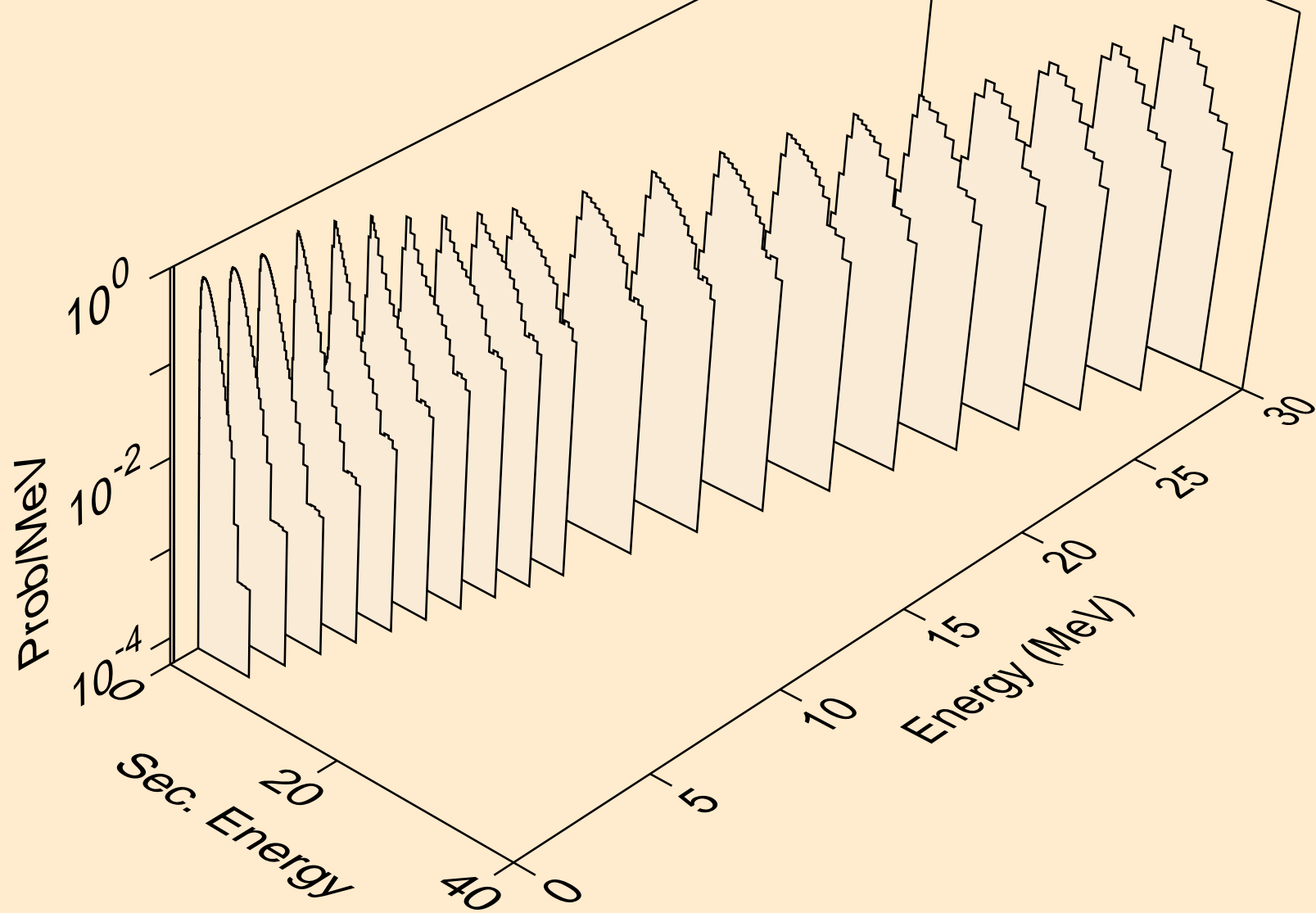
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Recoil Heating



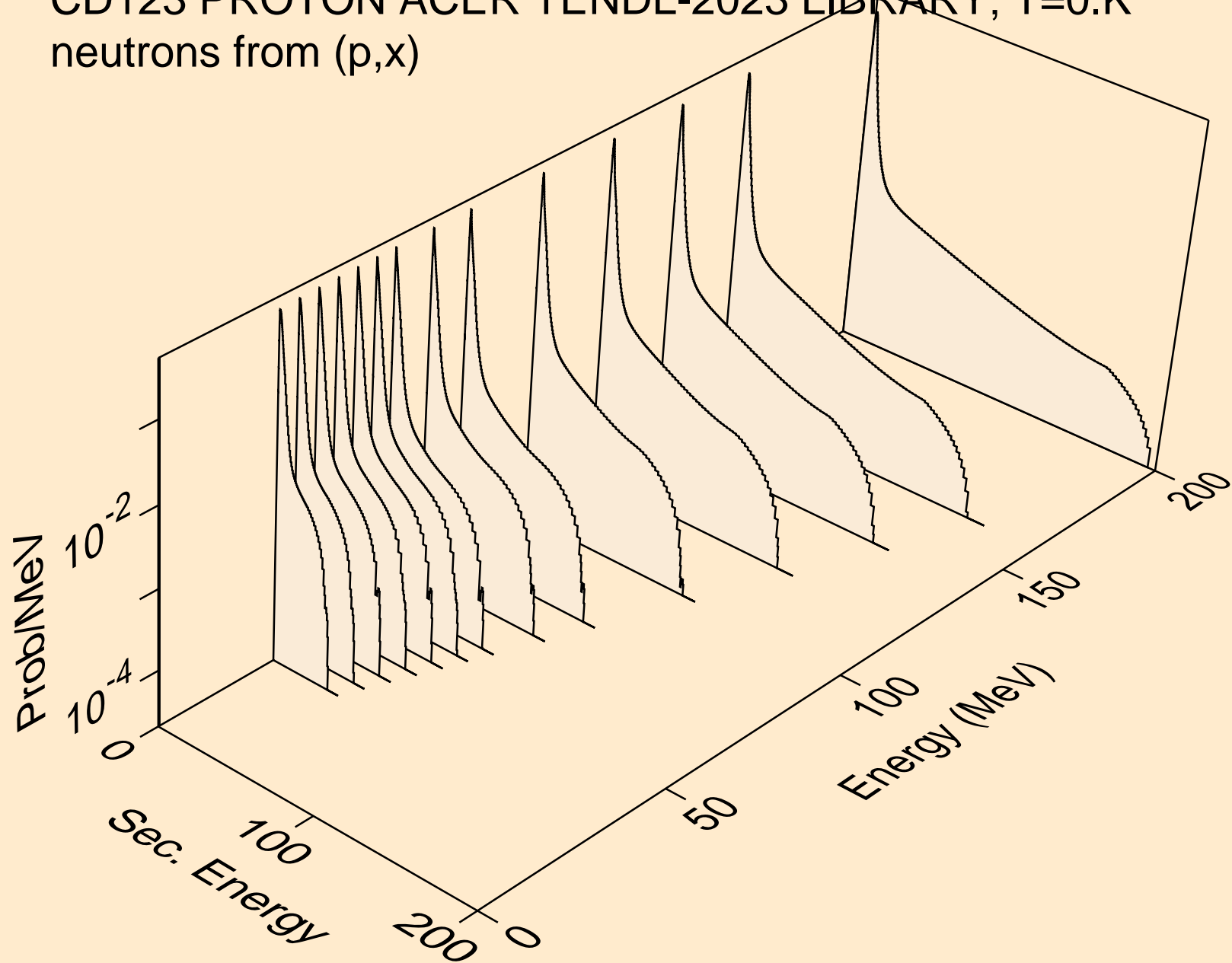
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



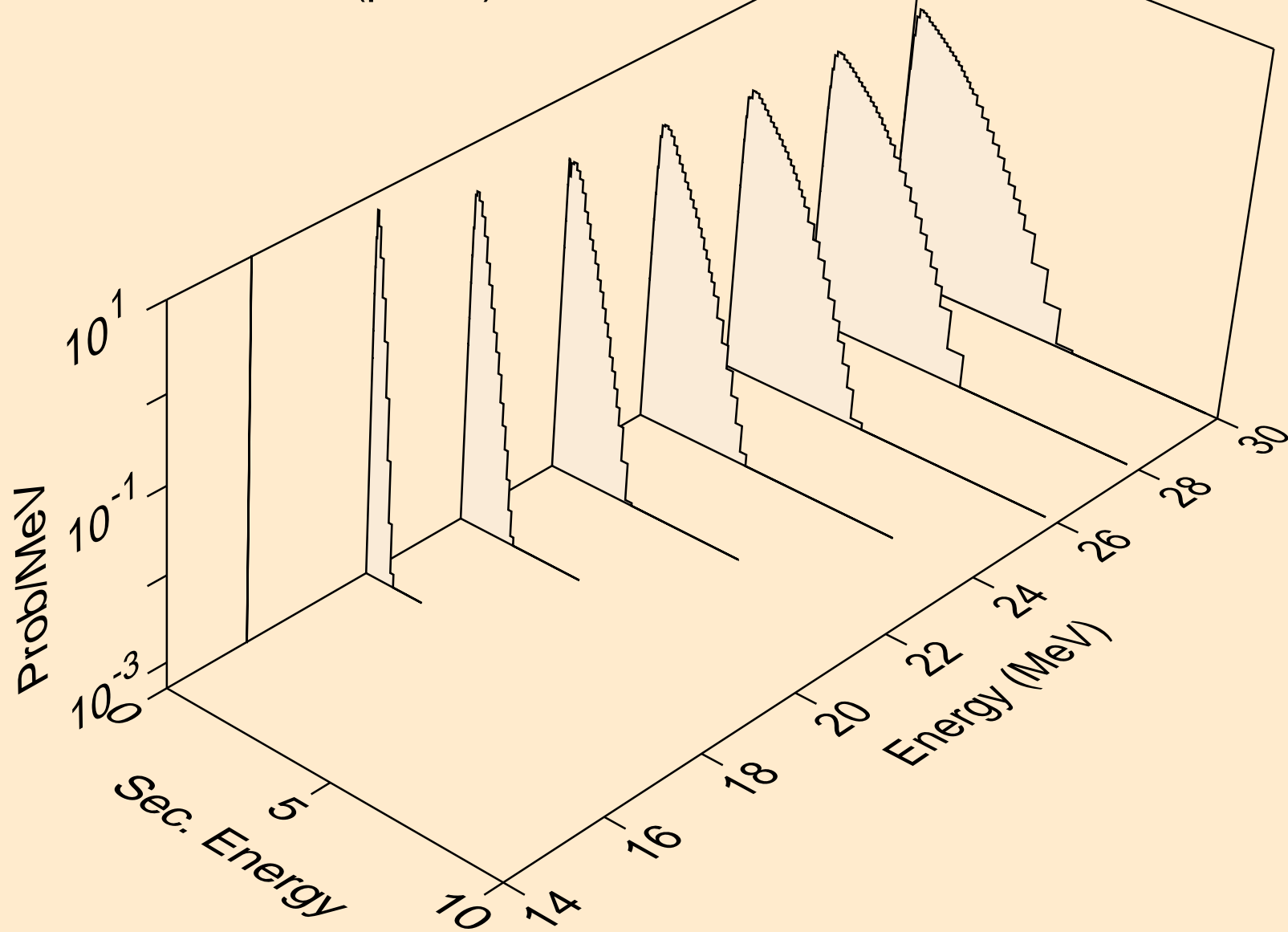
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



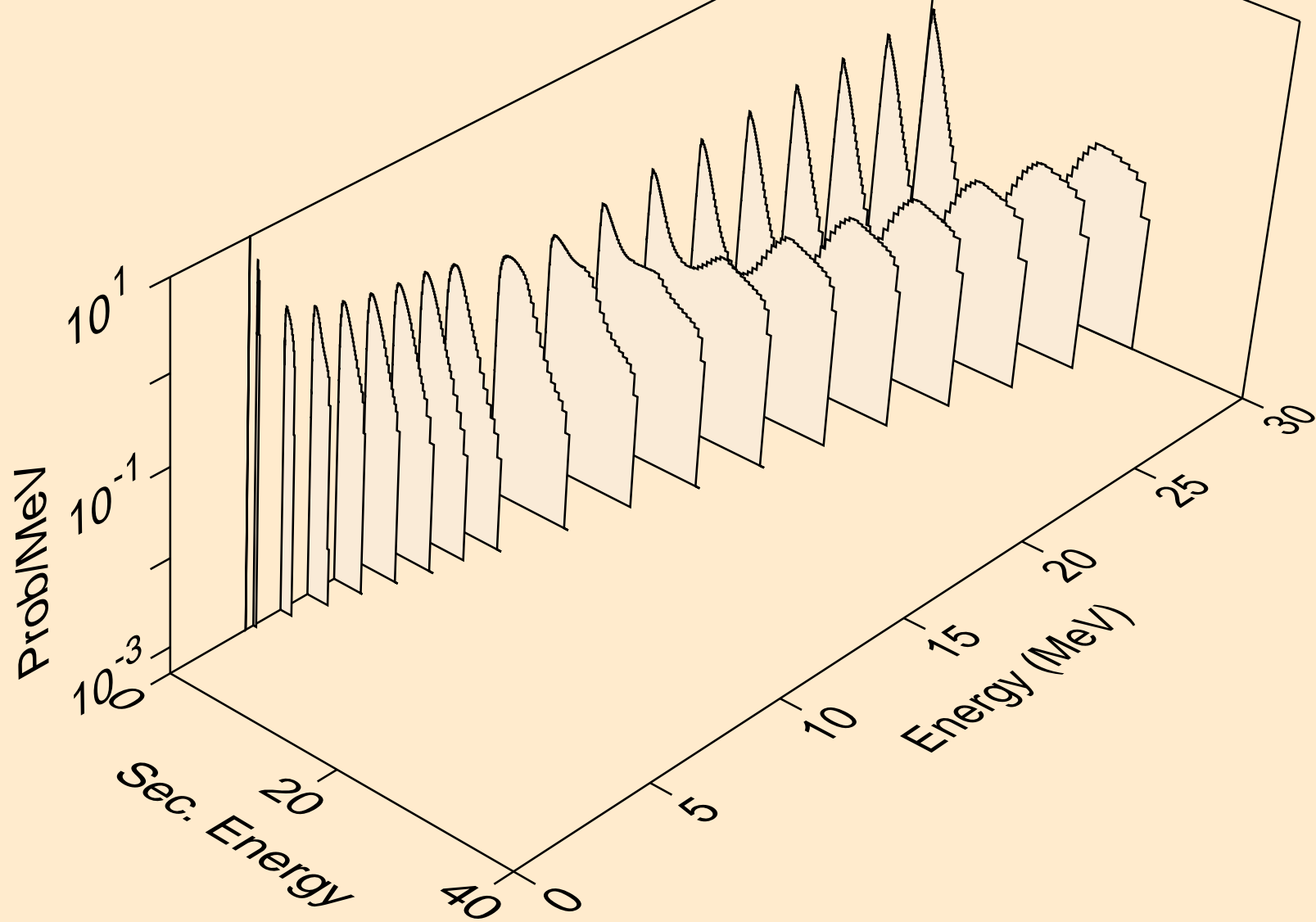
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



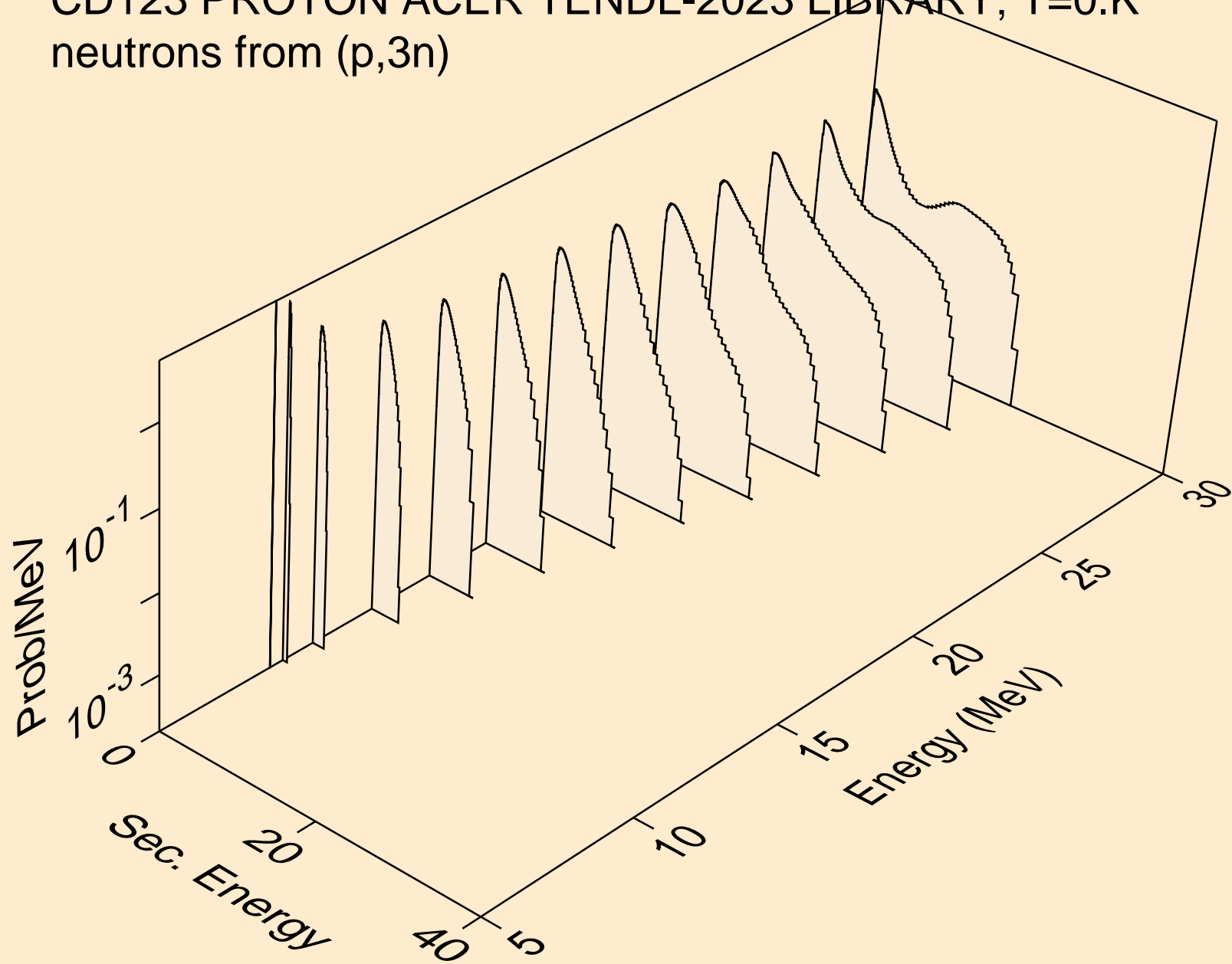
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

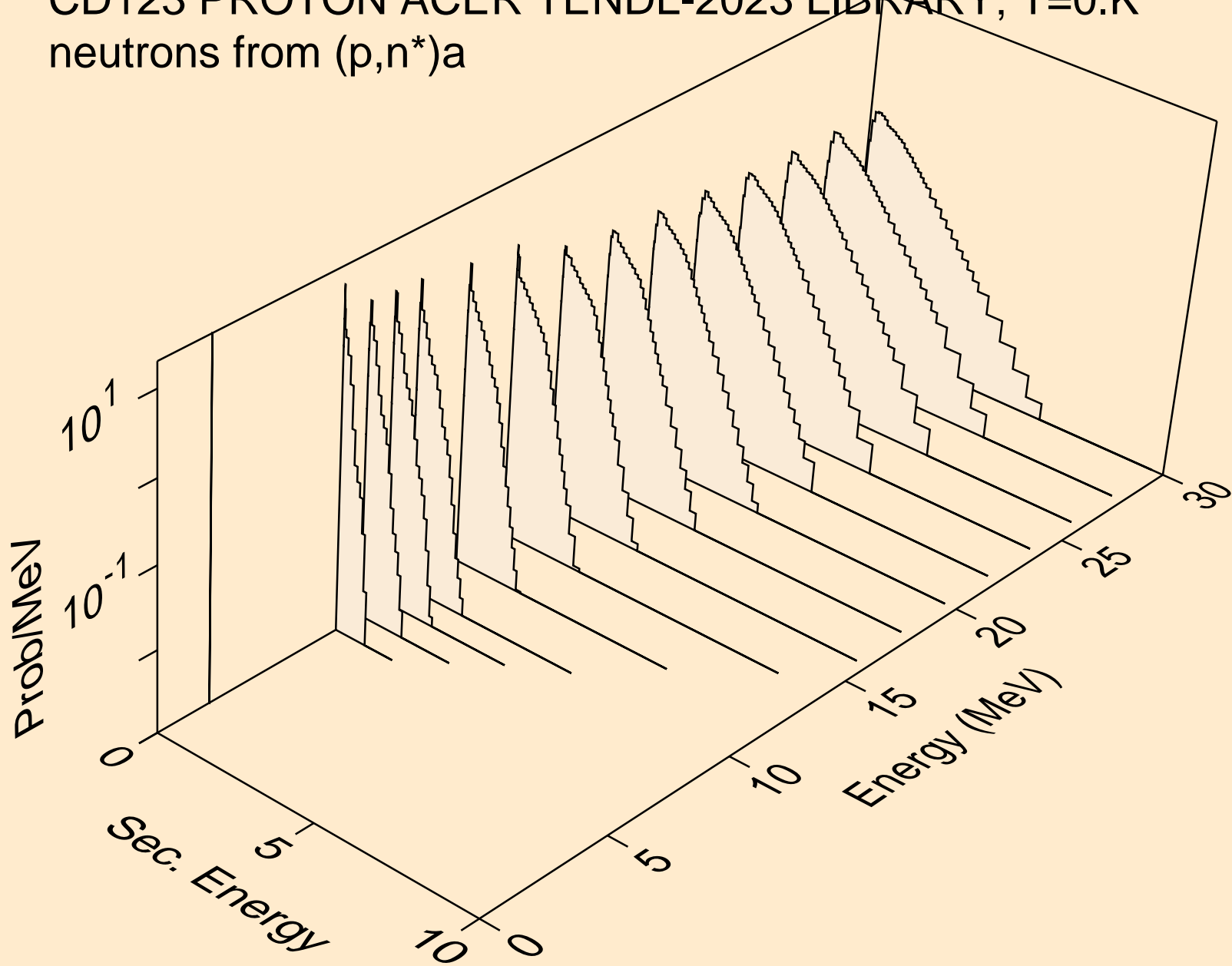


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

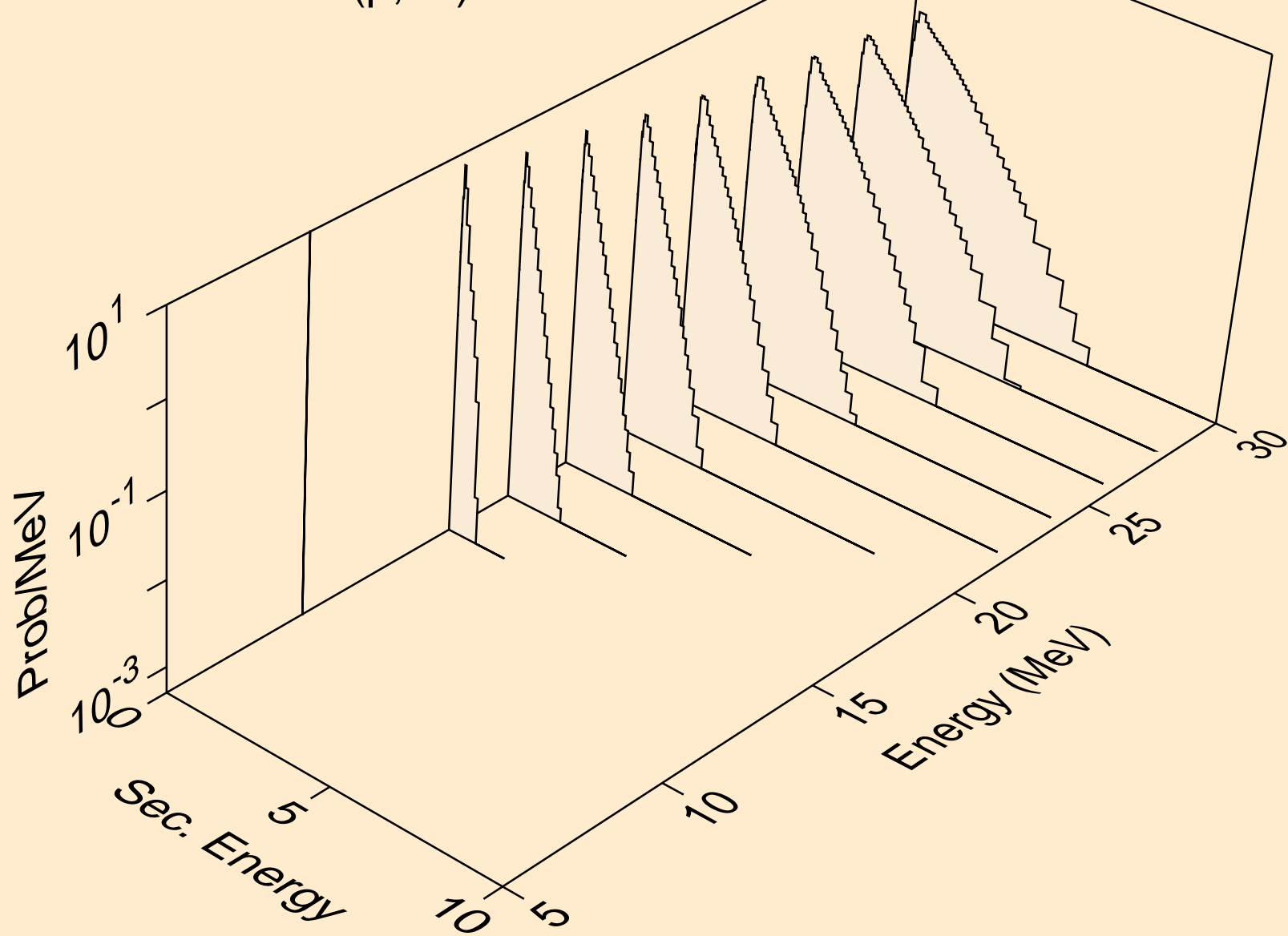




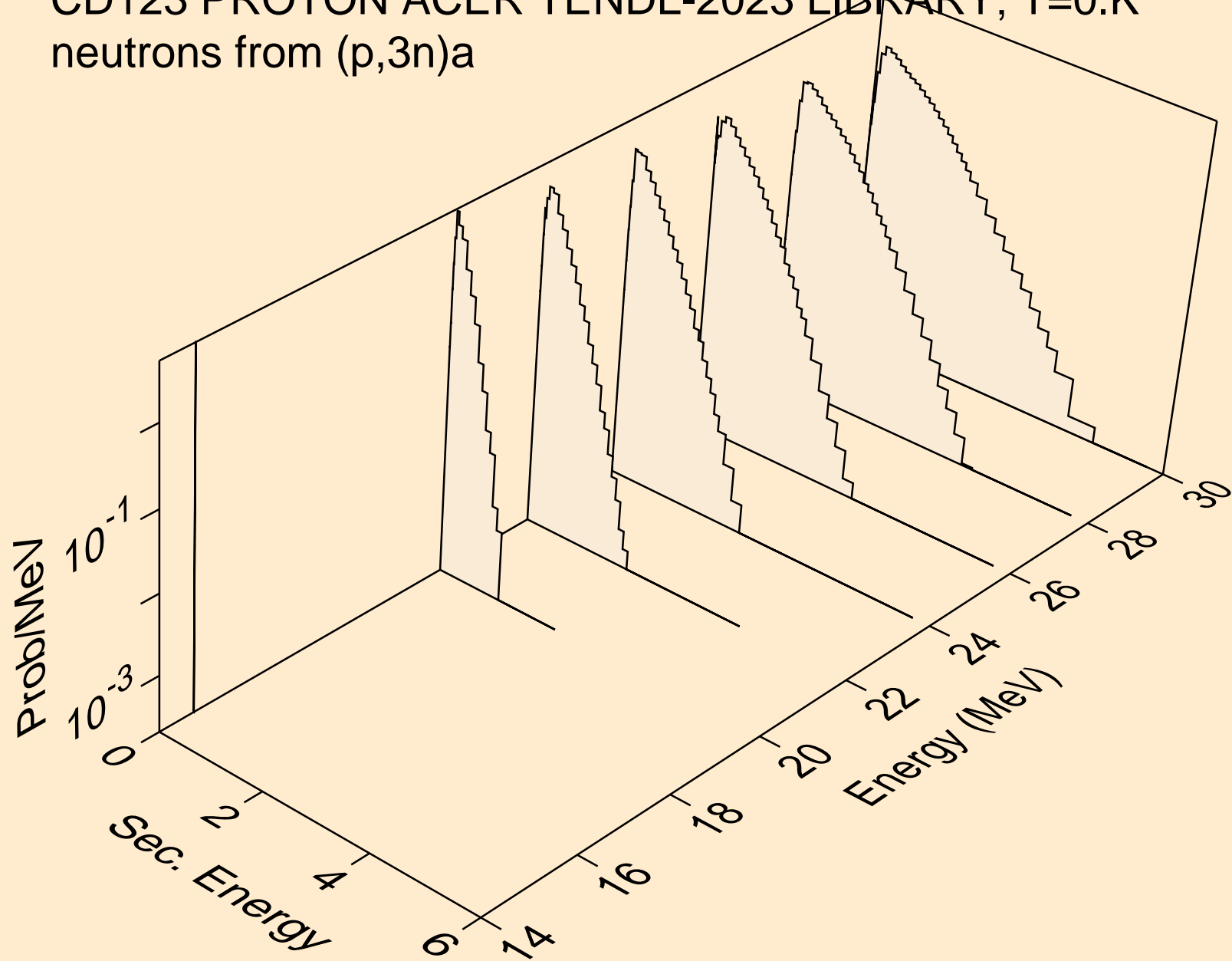
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



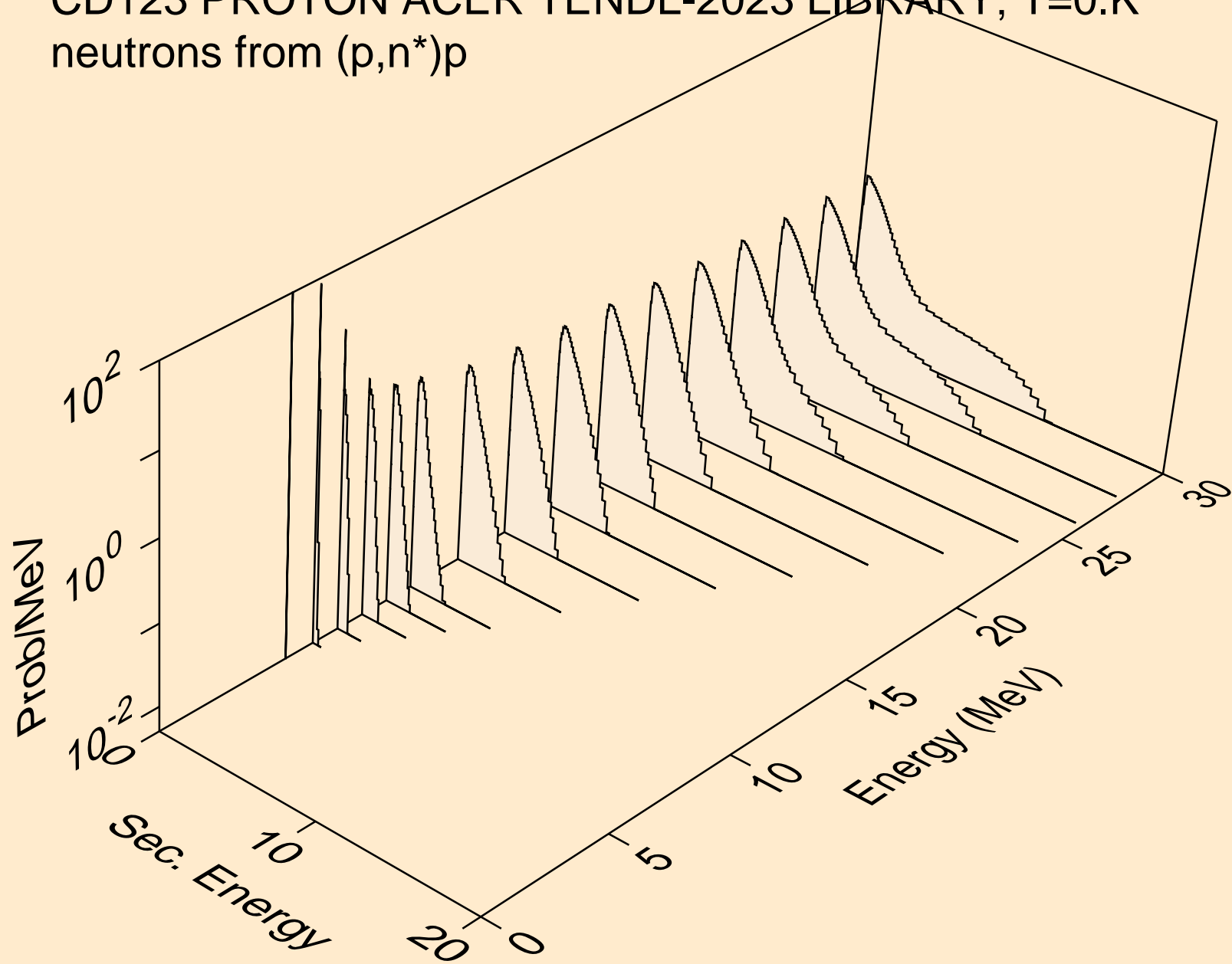
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



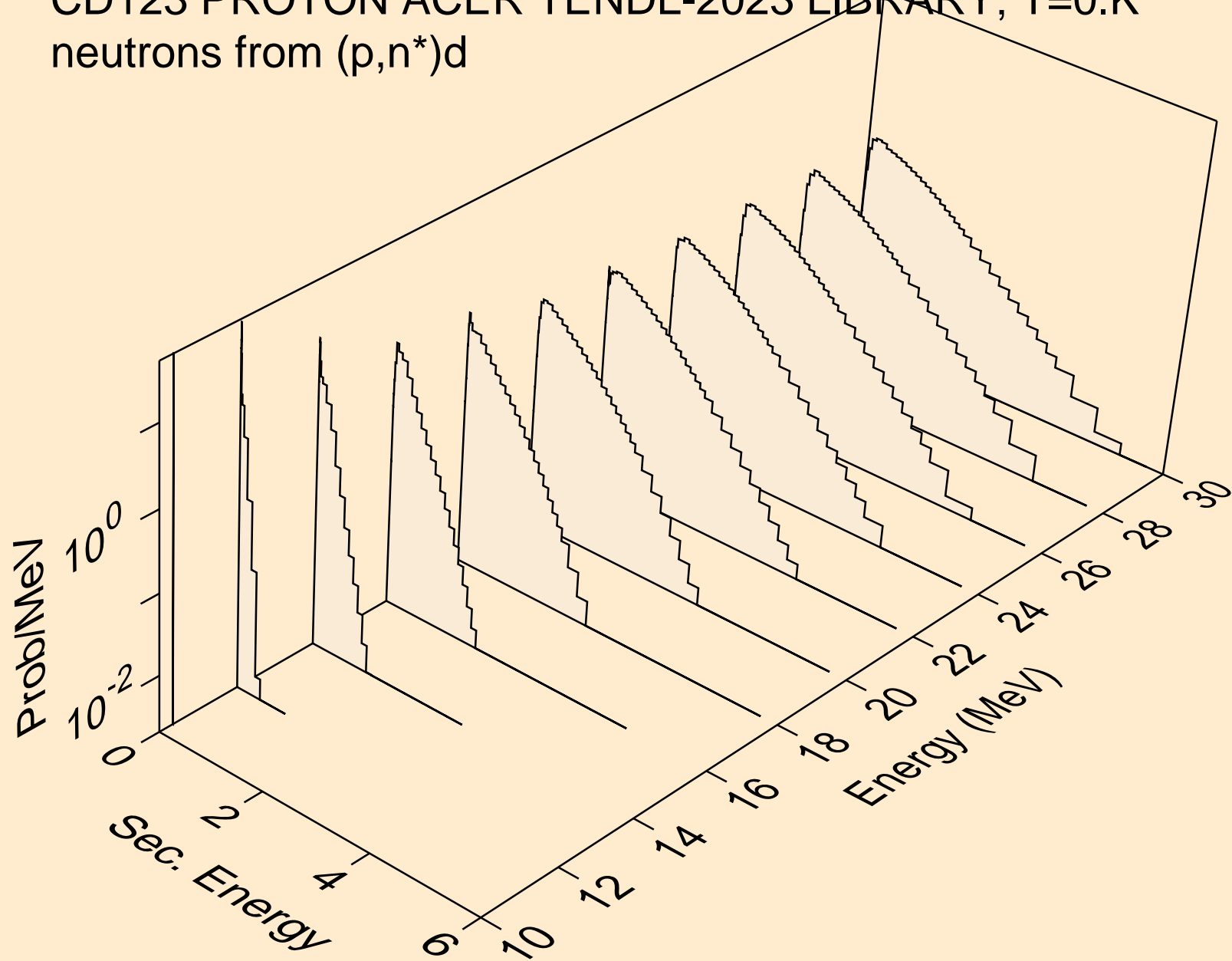
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



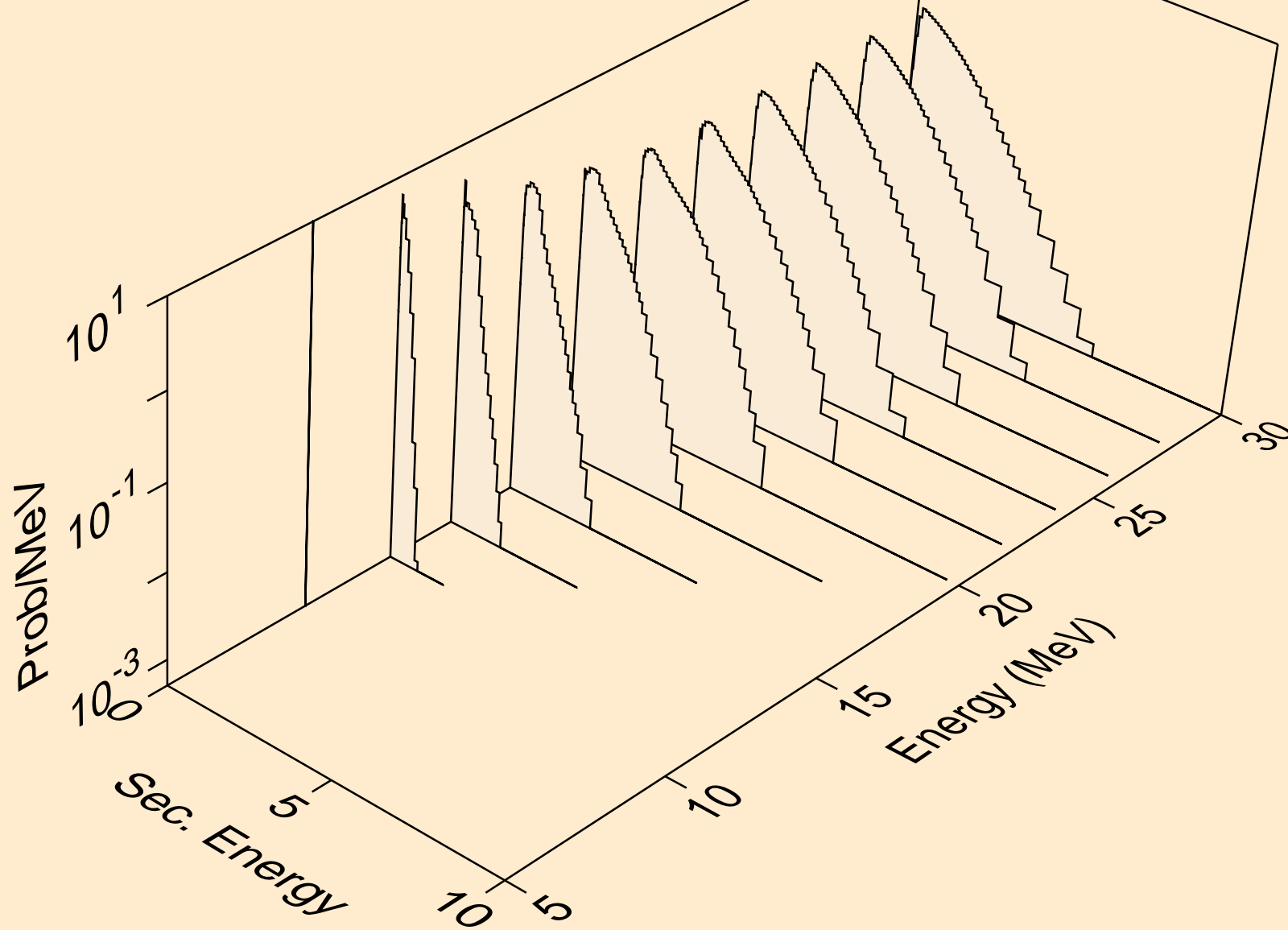
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



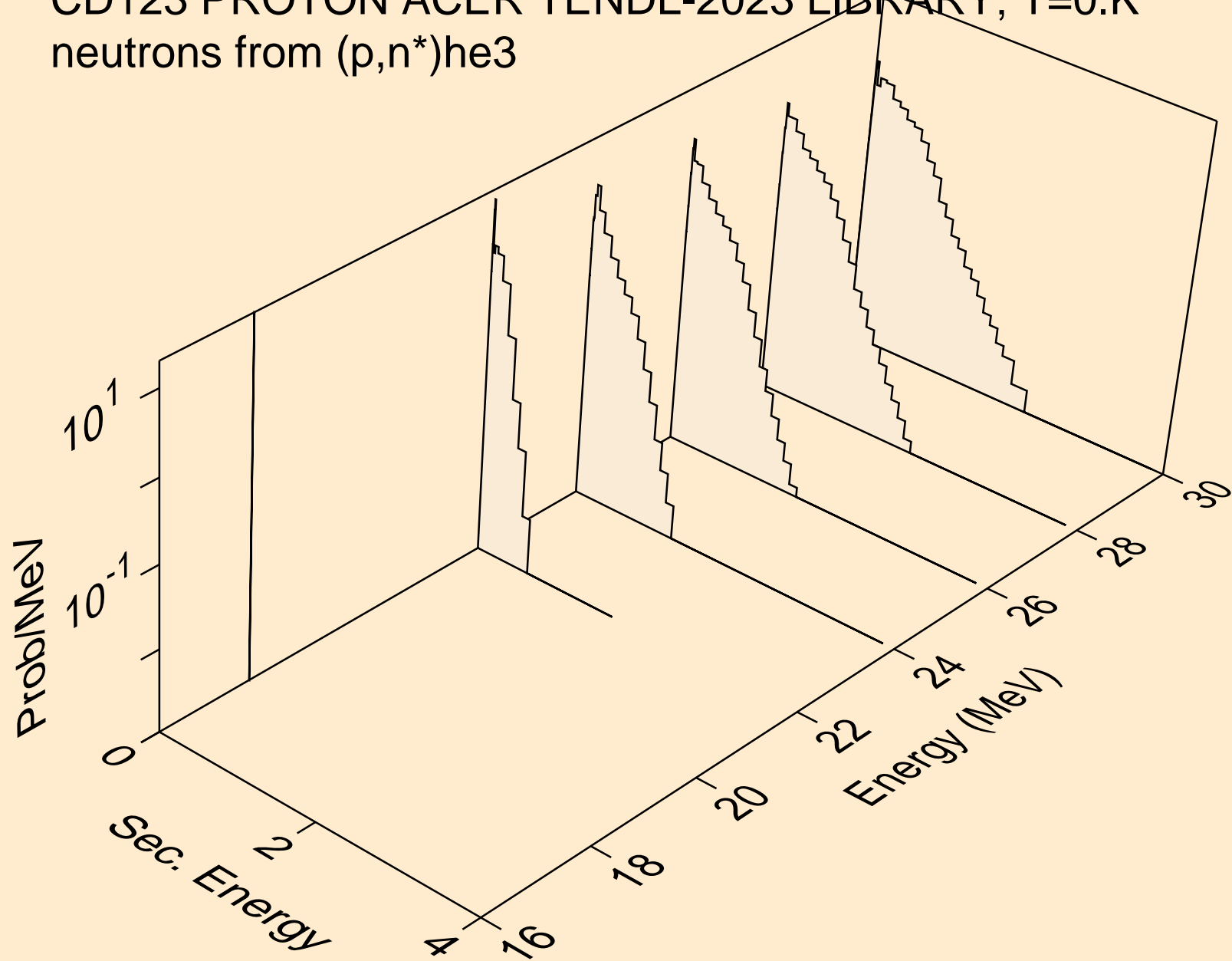
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



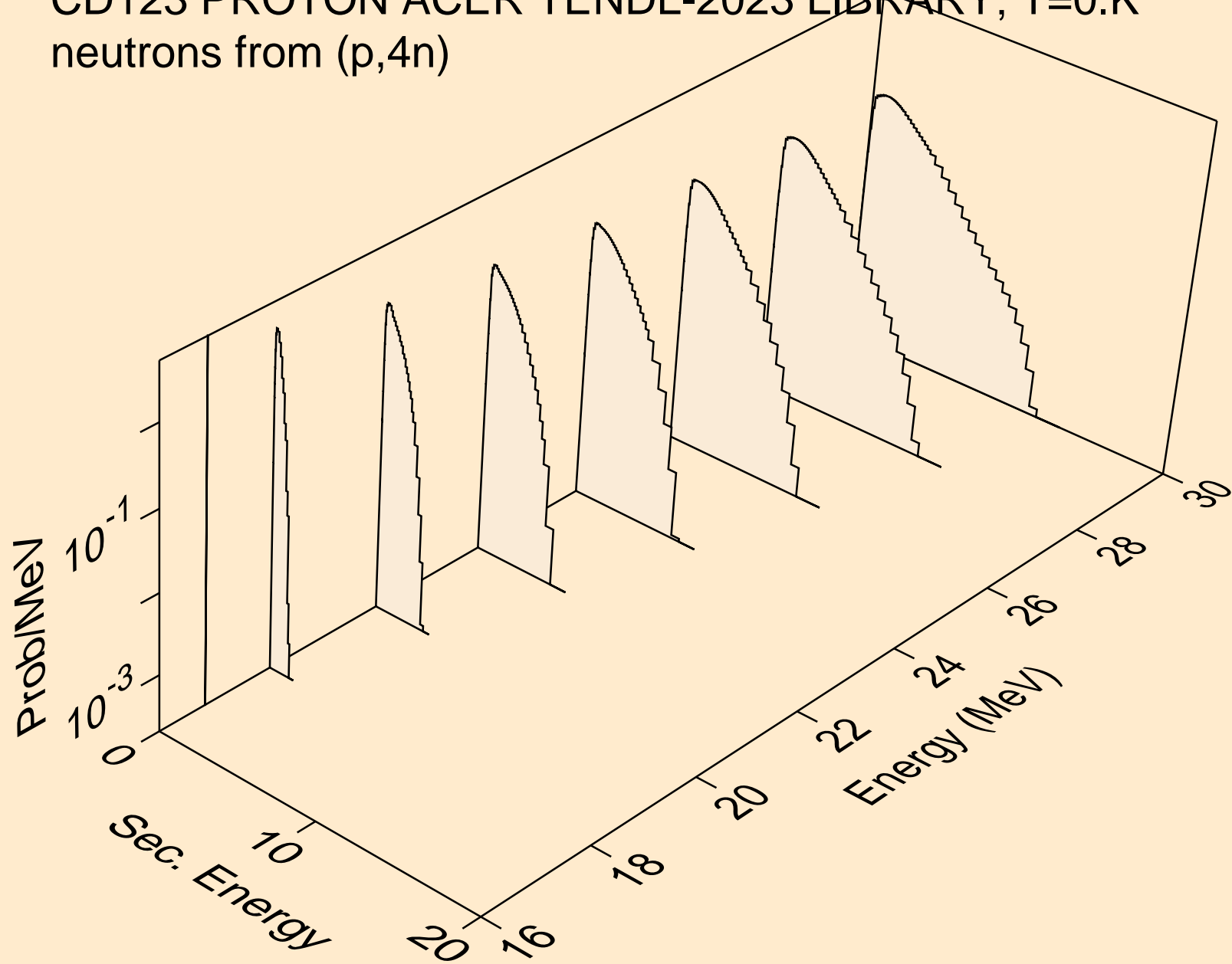
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

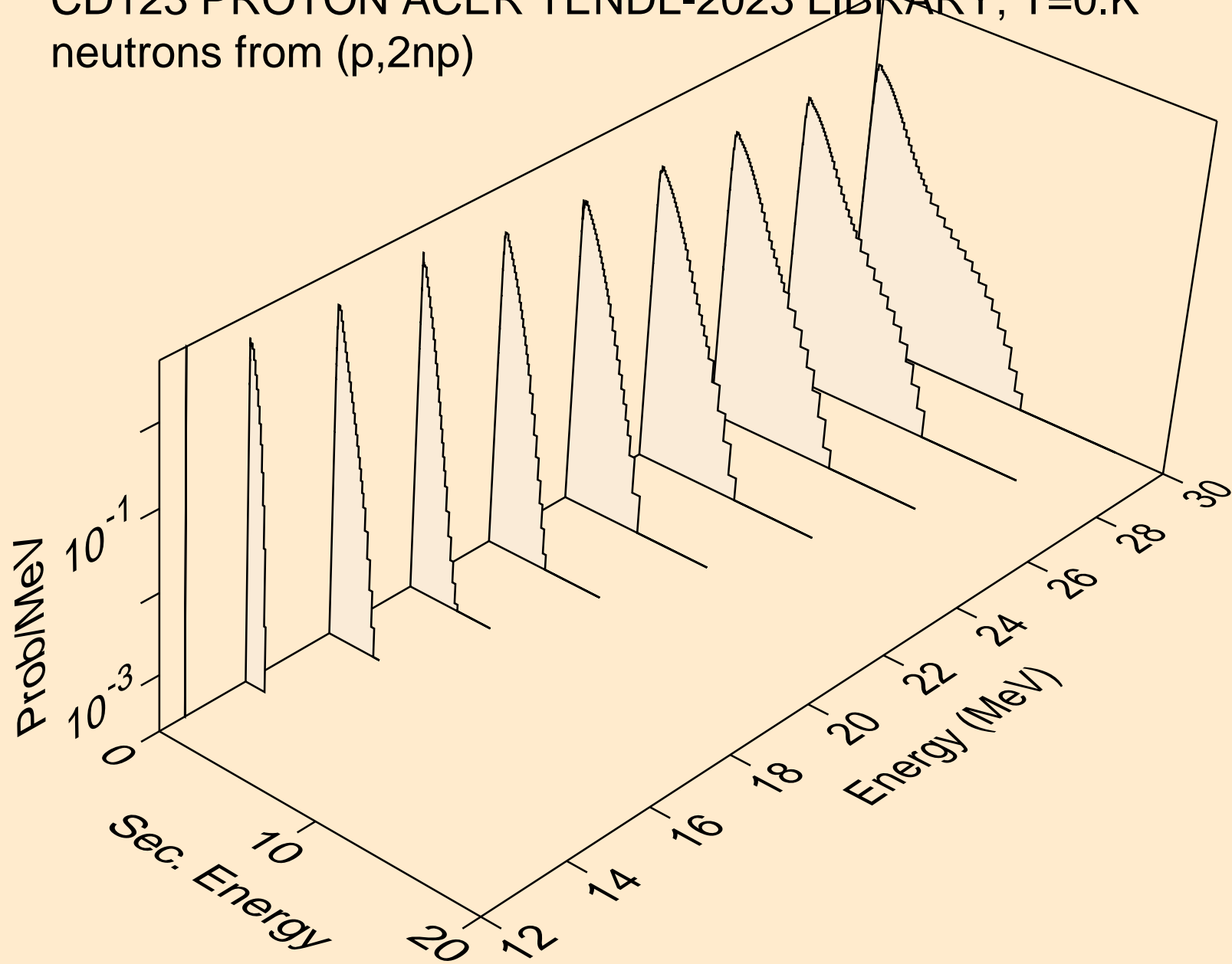


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

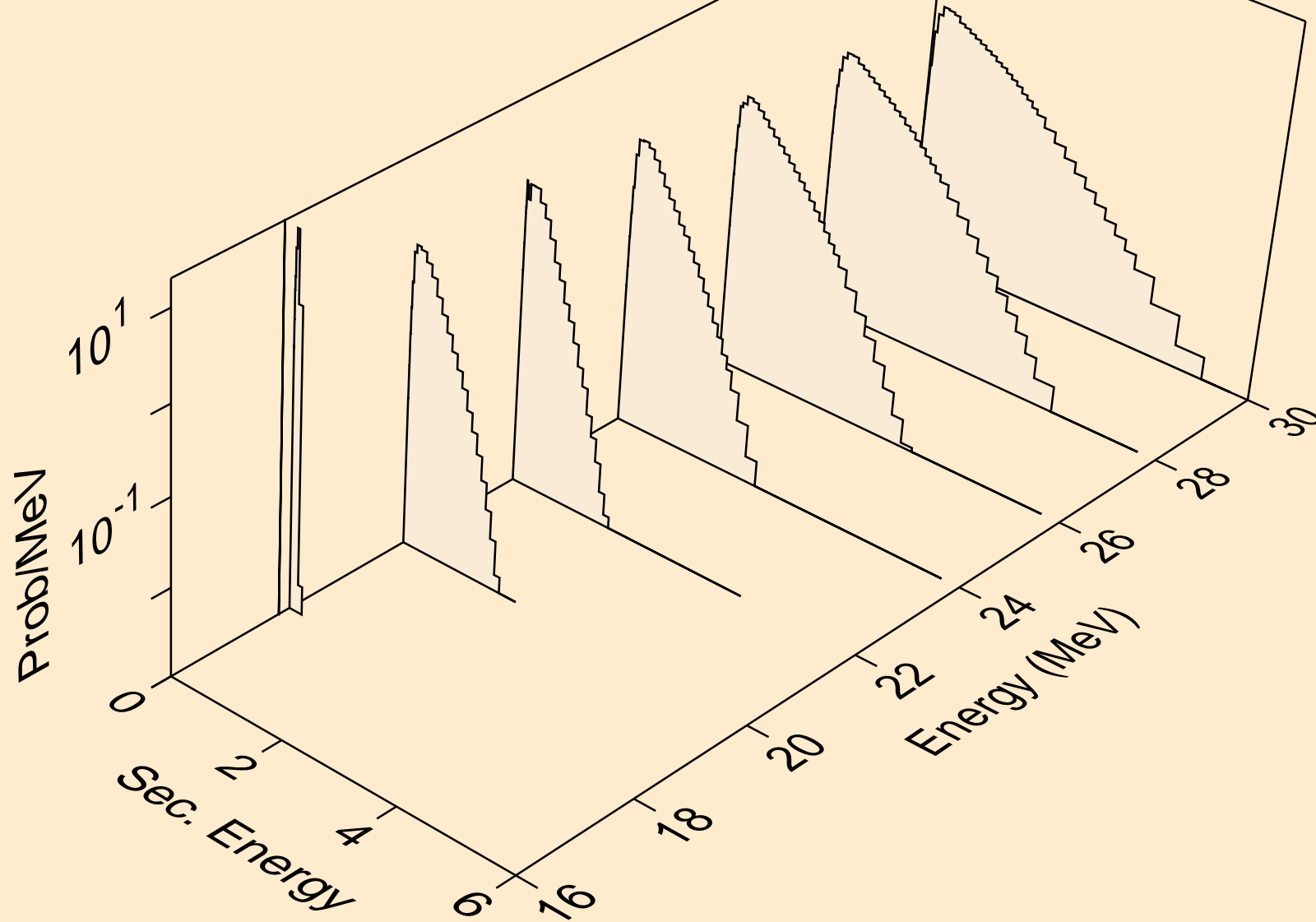




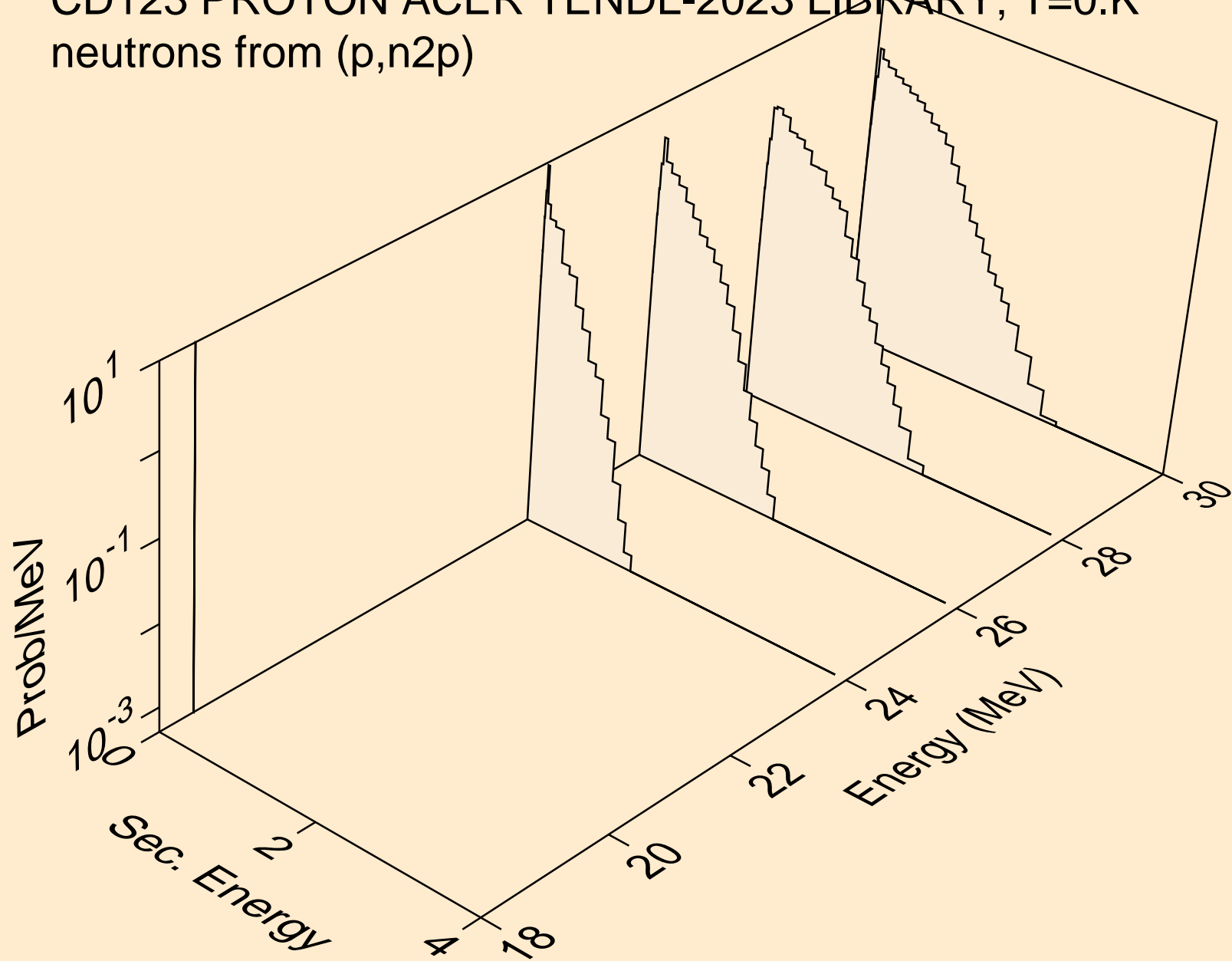
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



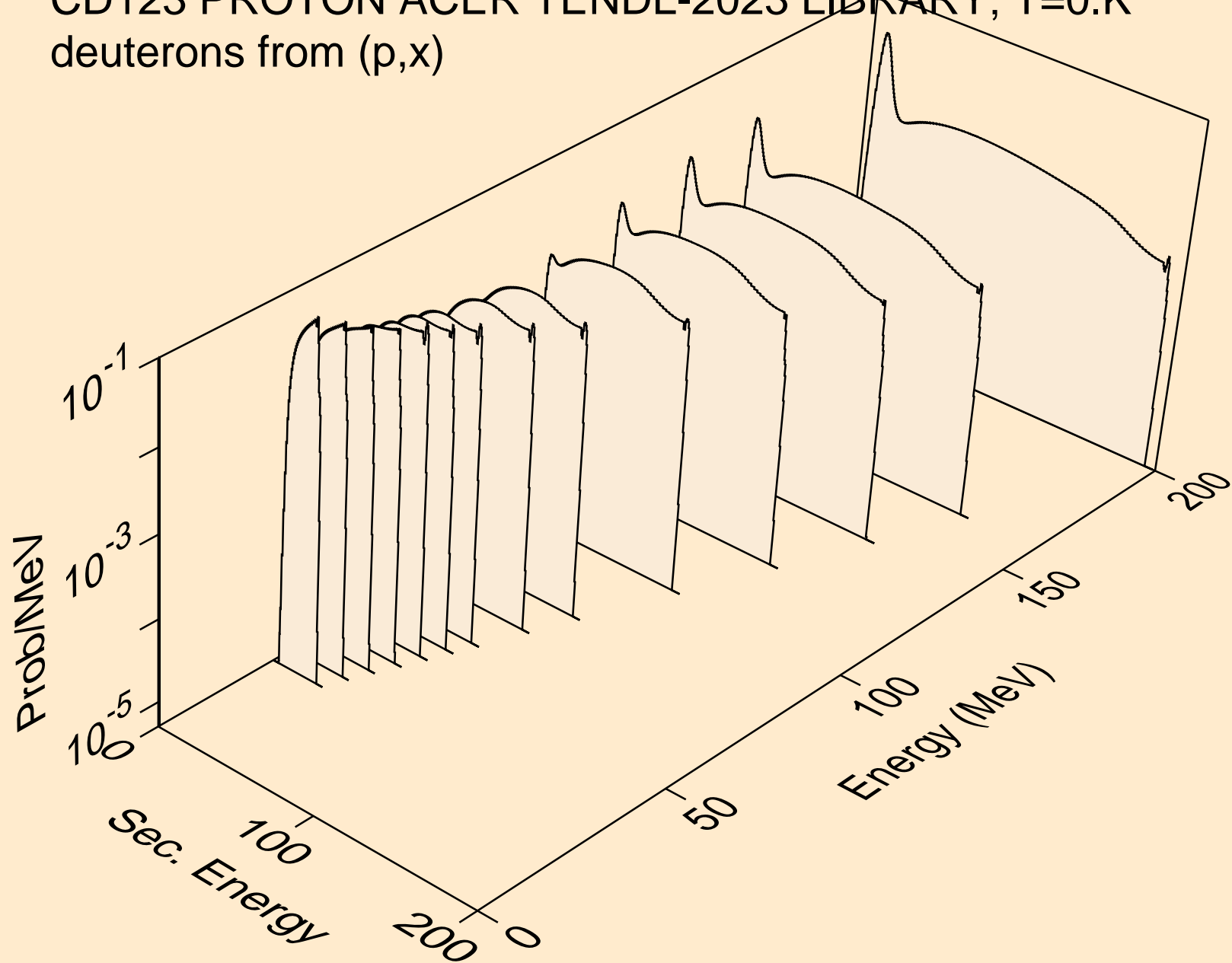
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



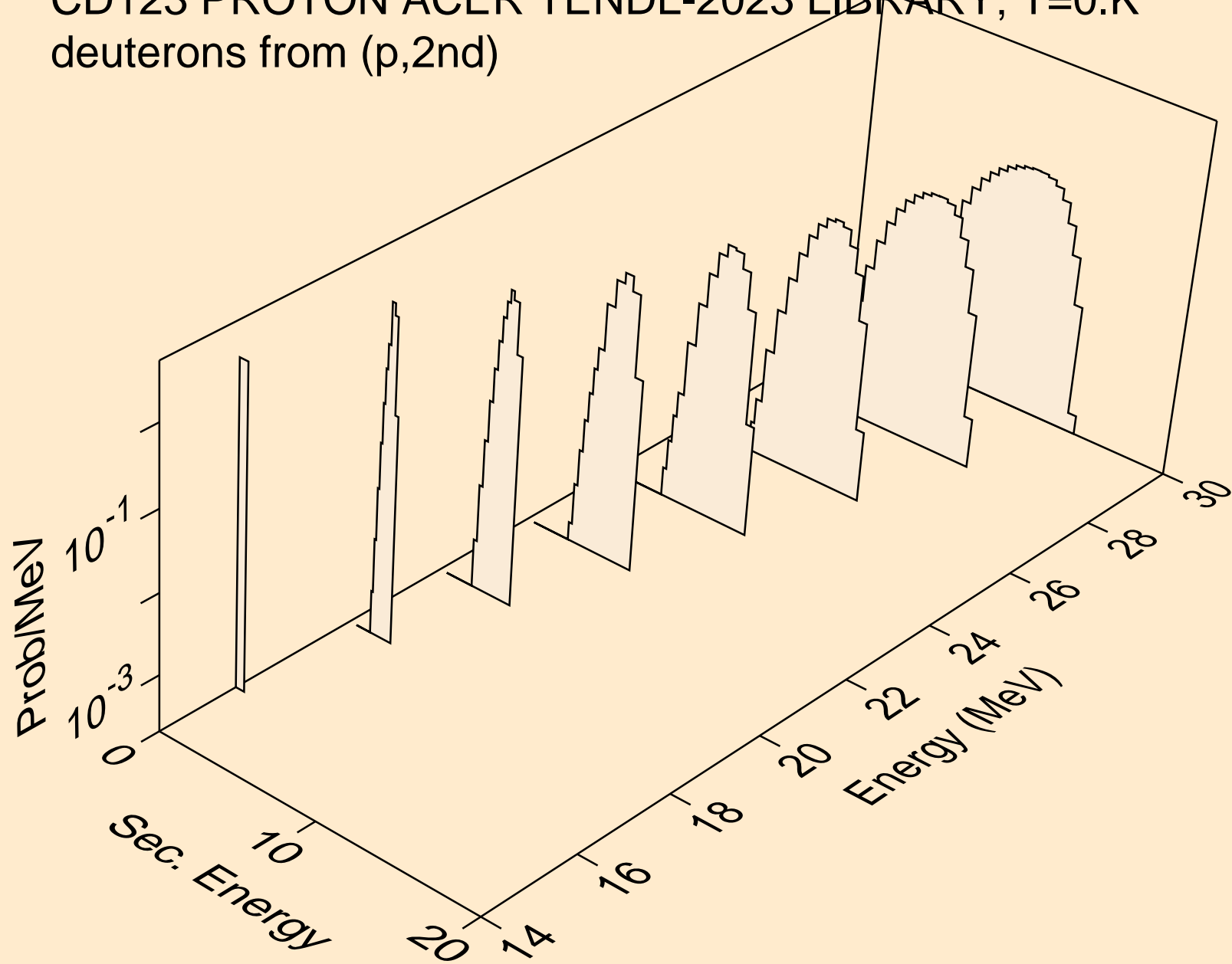
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



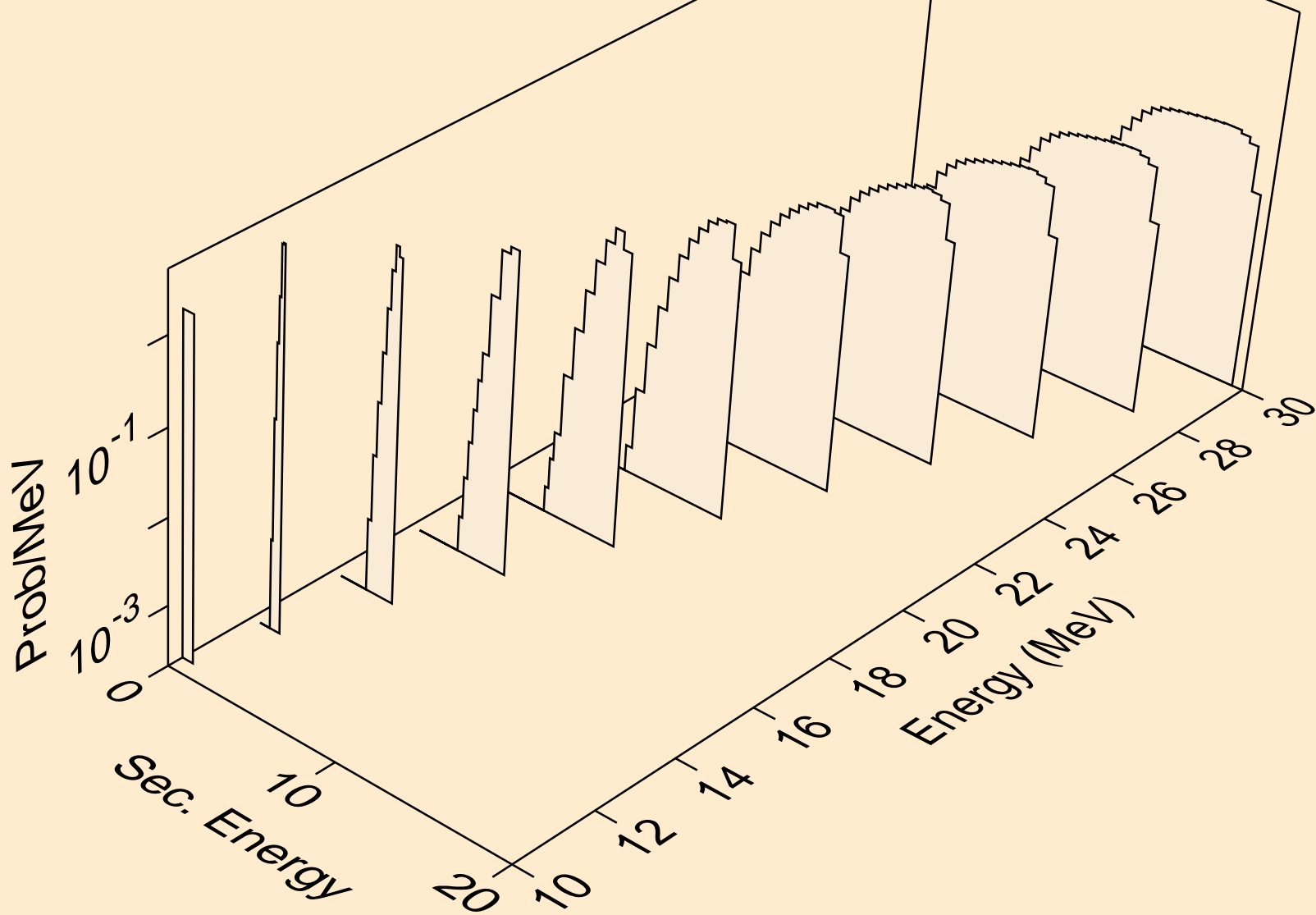
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deuterons from (p,x)



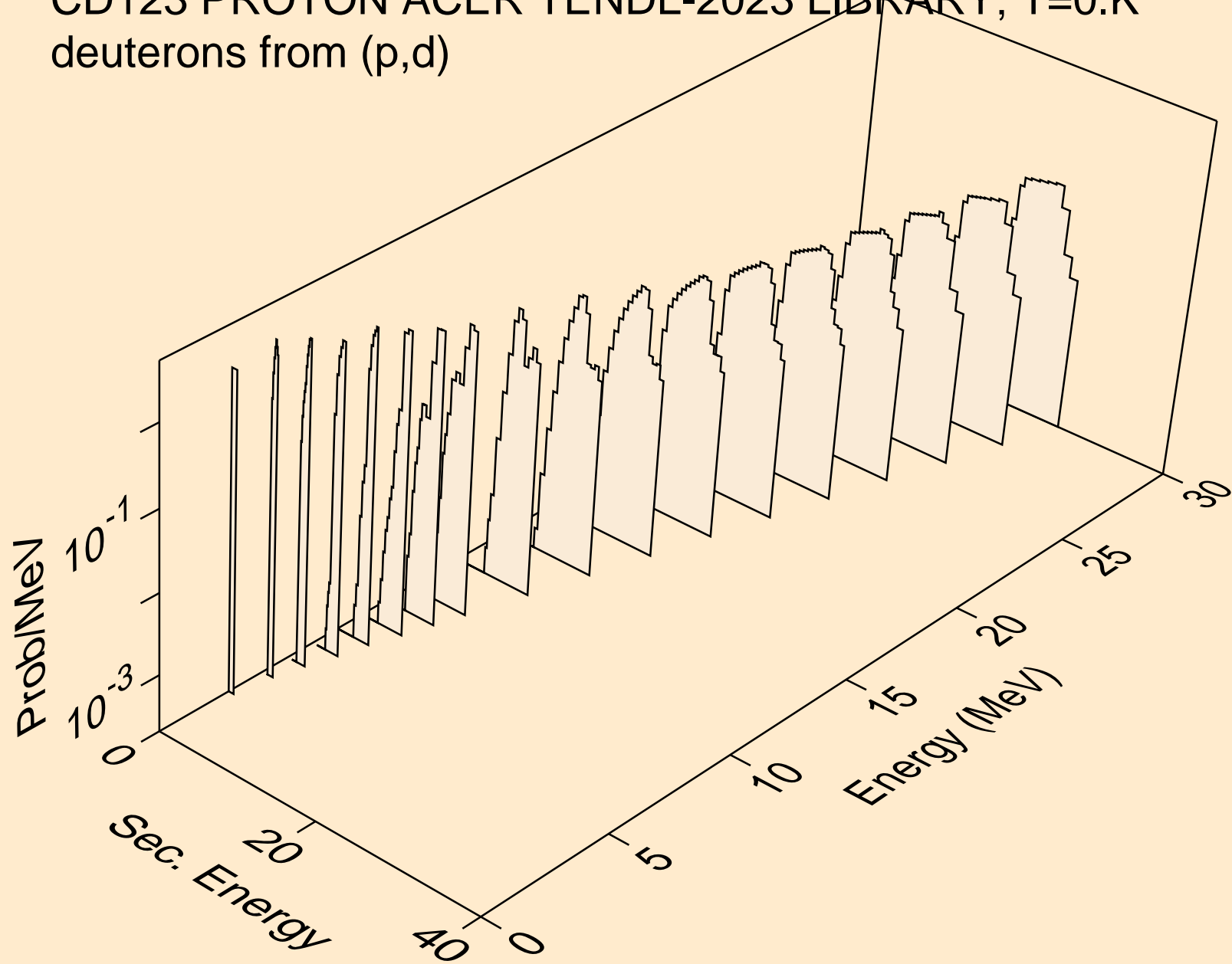
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deuterons from (p,2nd)



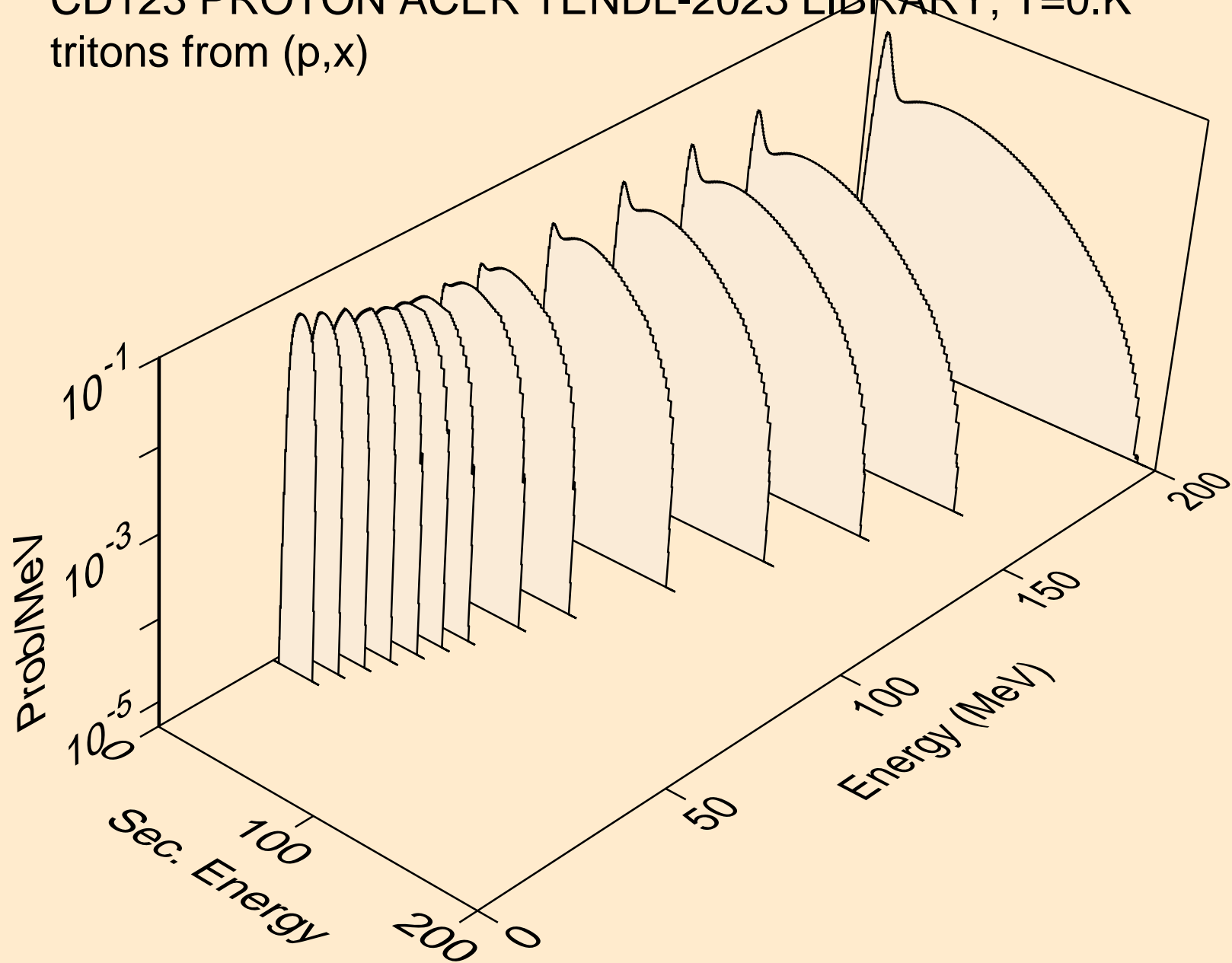
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

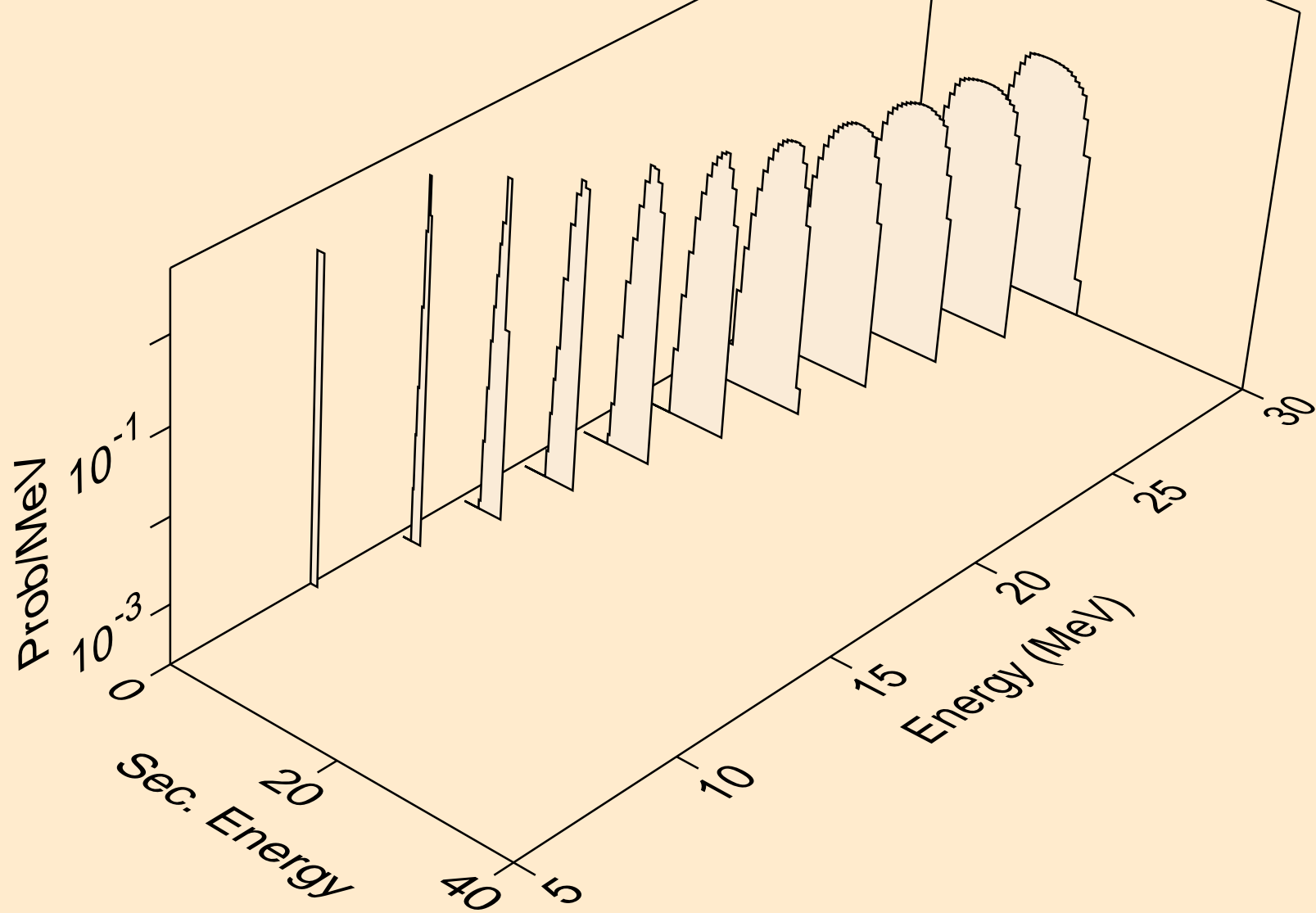


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

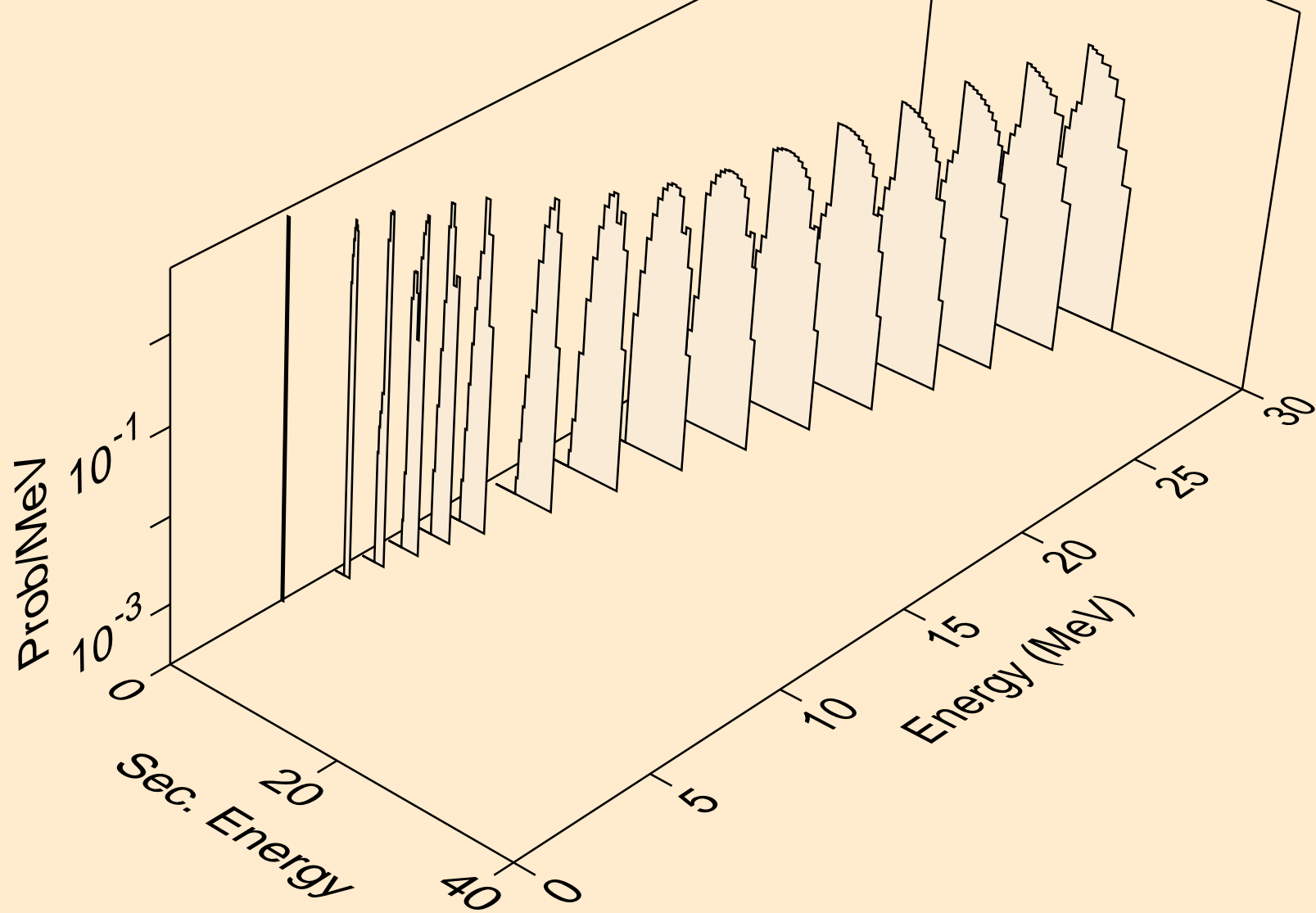




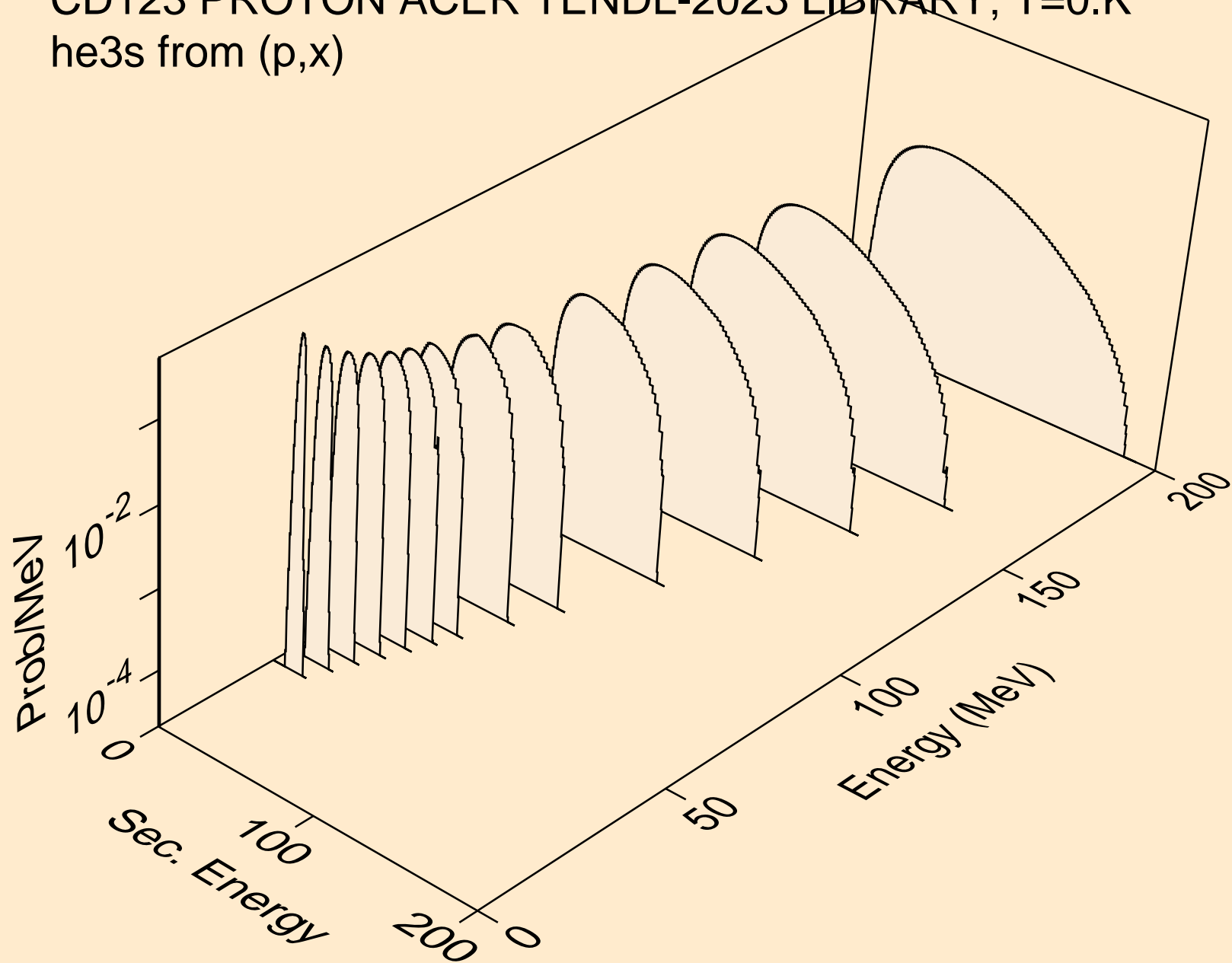
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



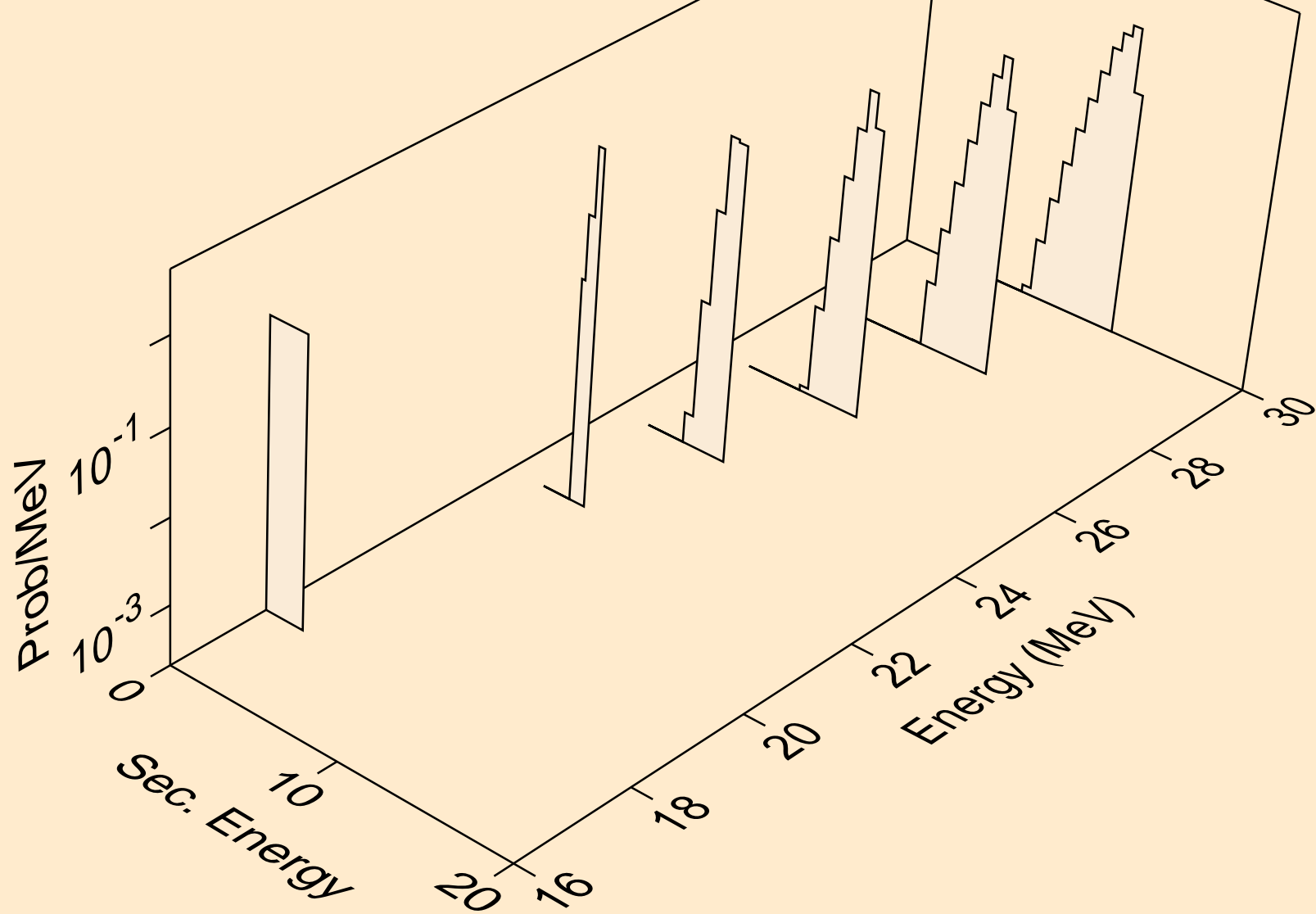
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



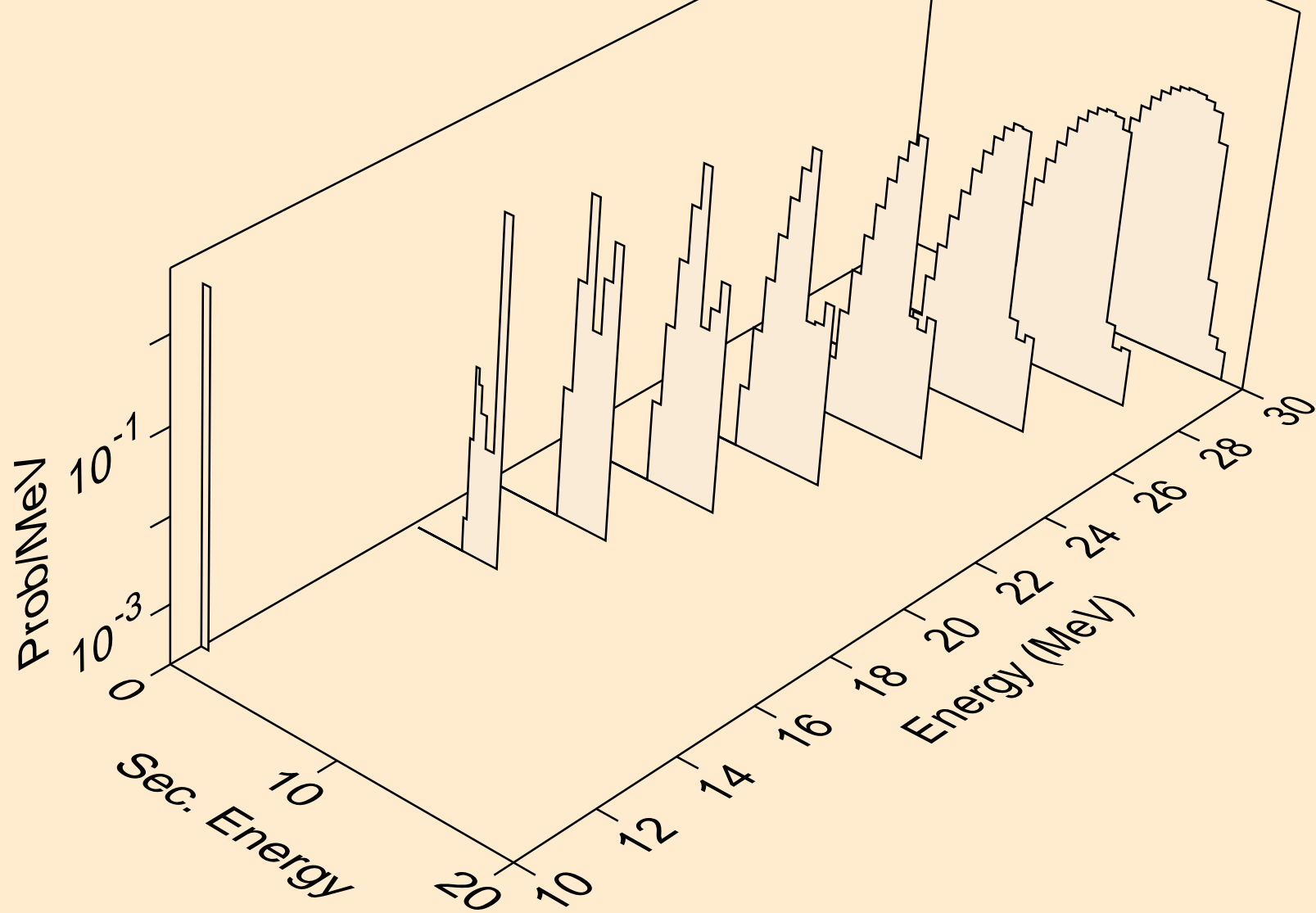
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



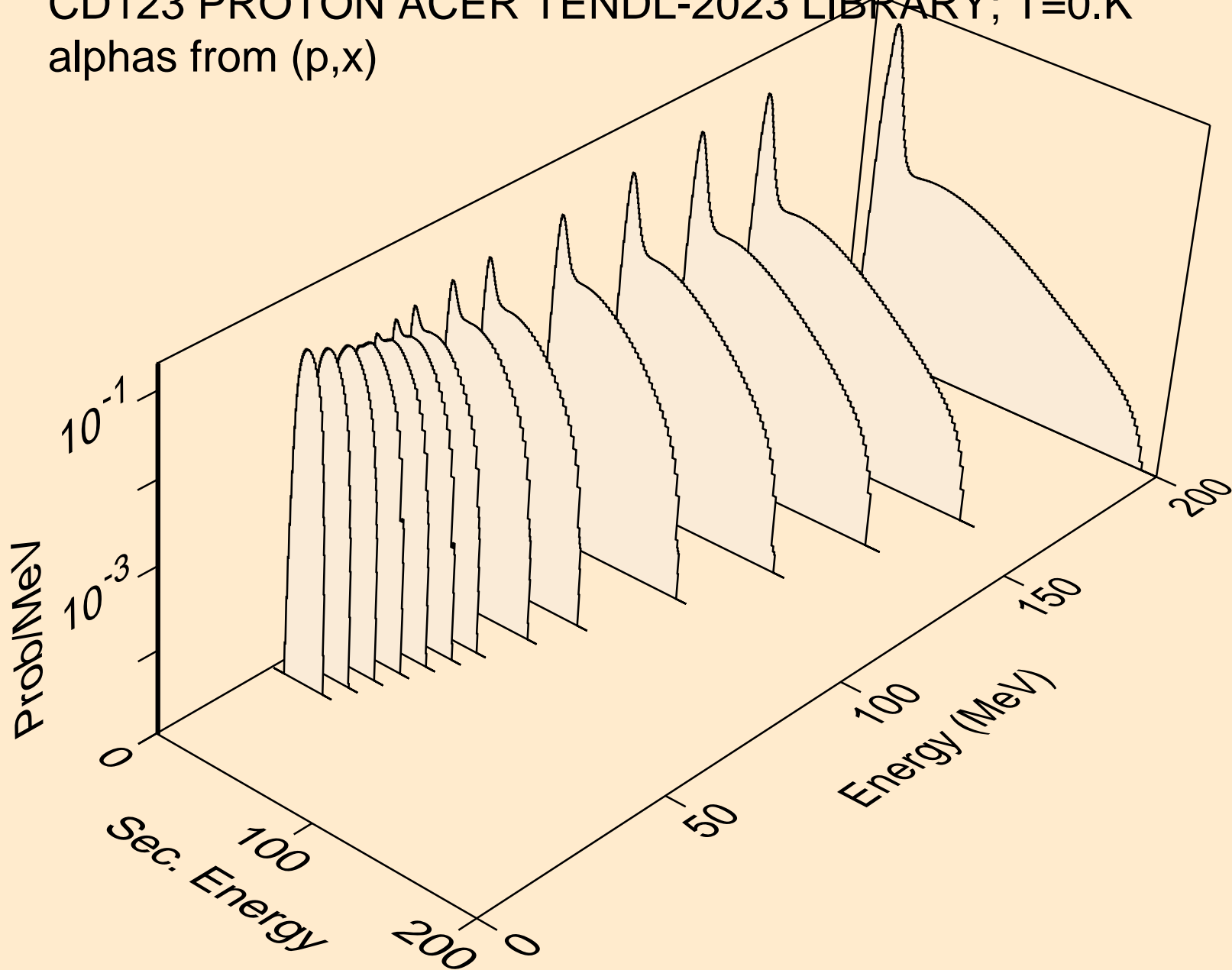
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



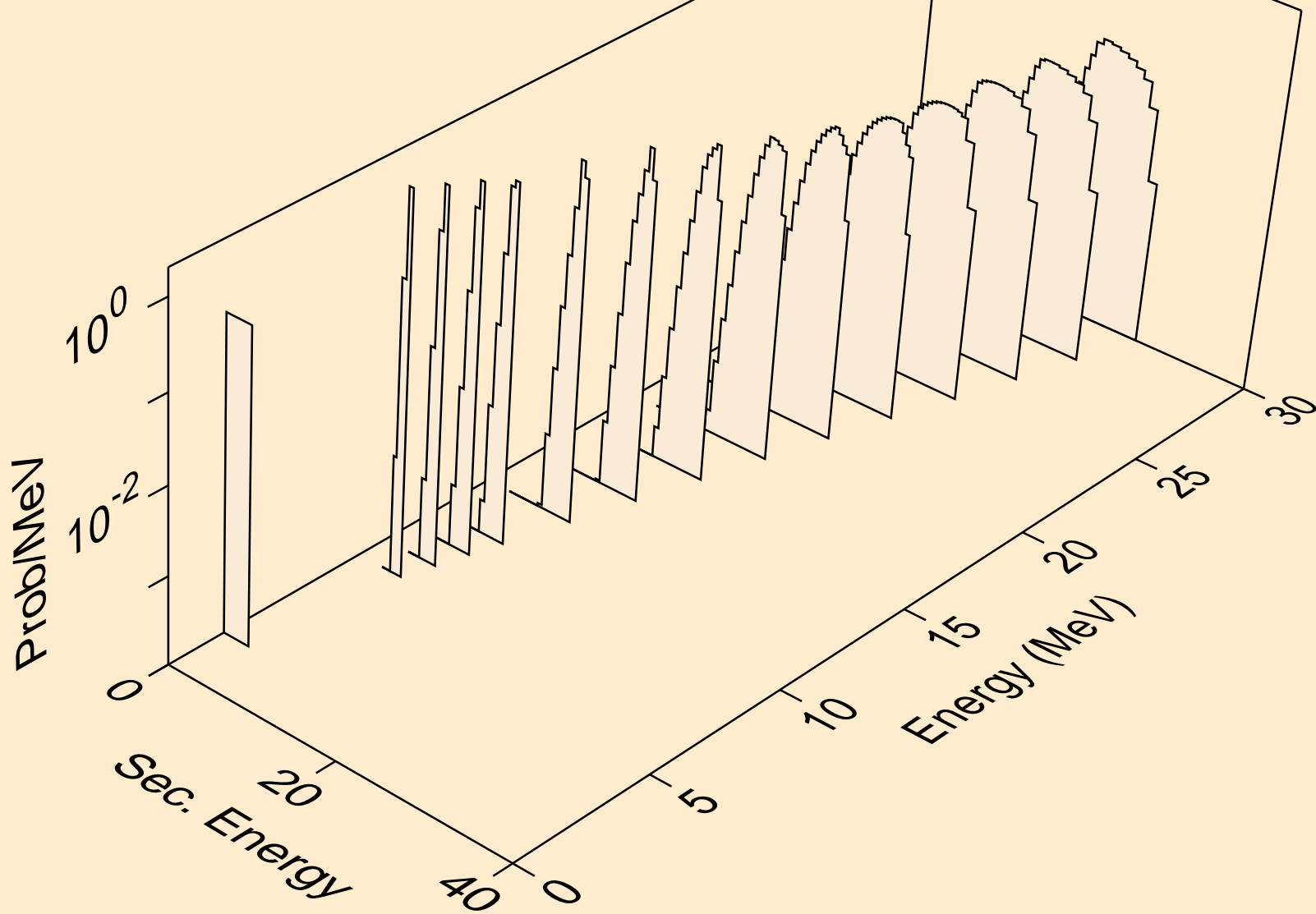
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



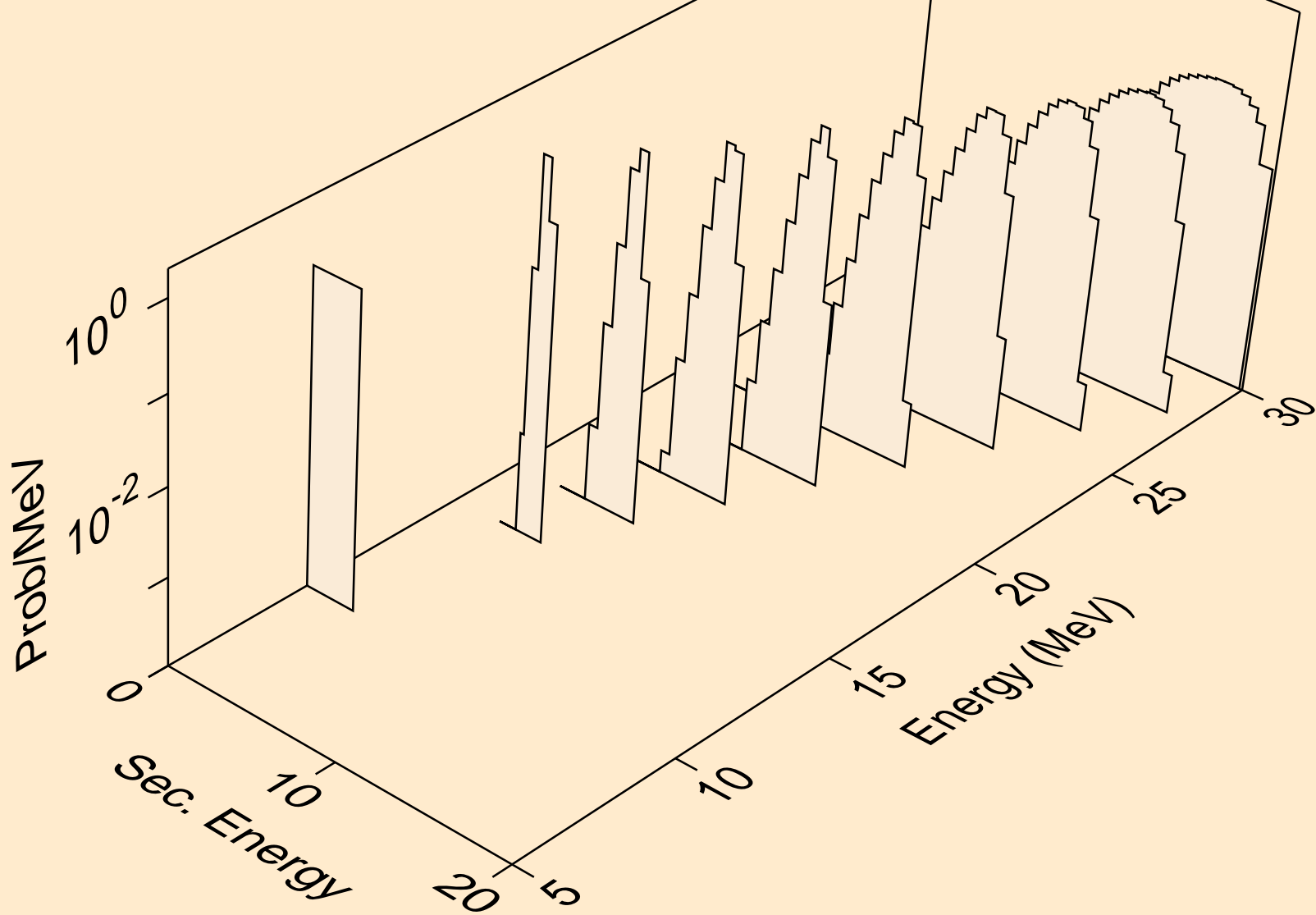
CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

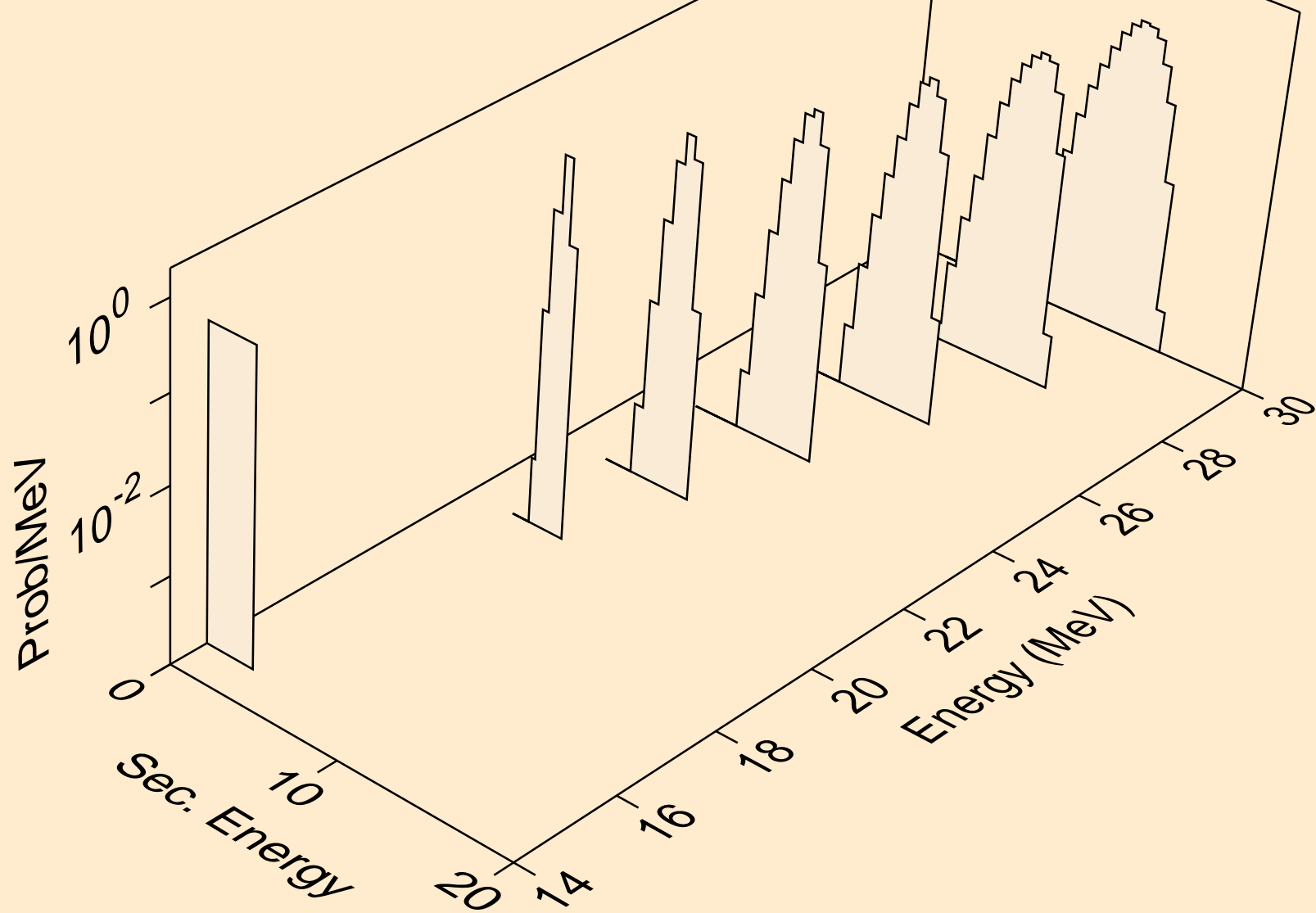


CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



CD123 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

