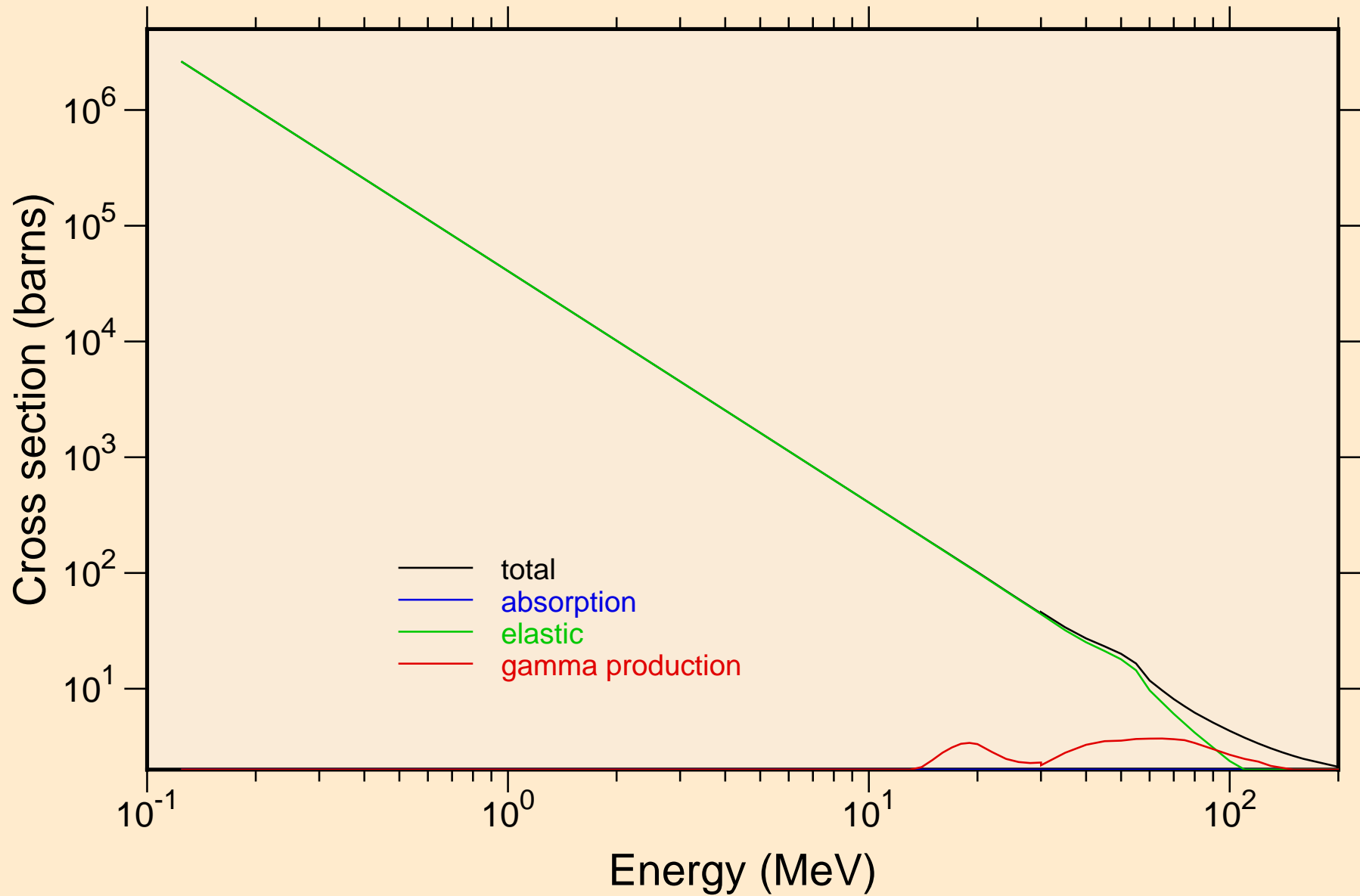
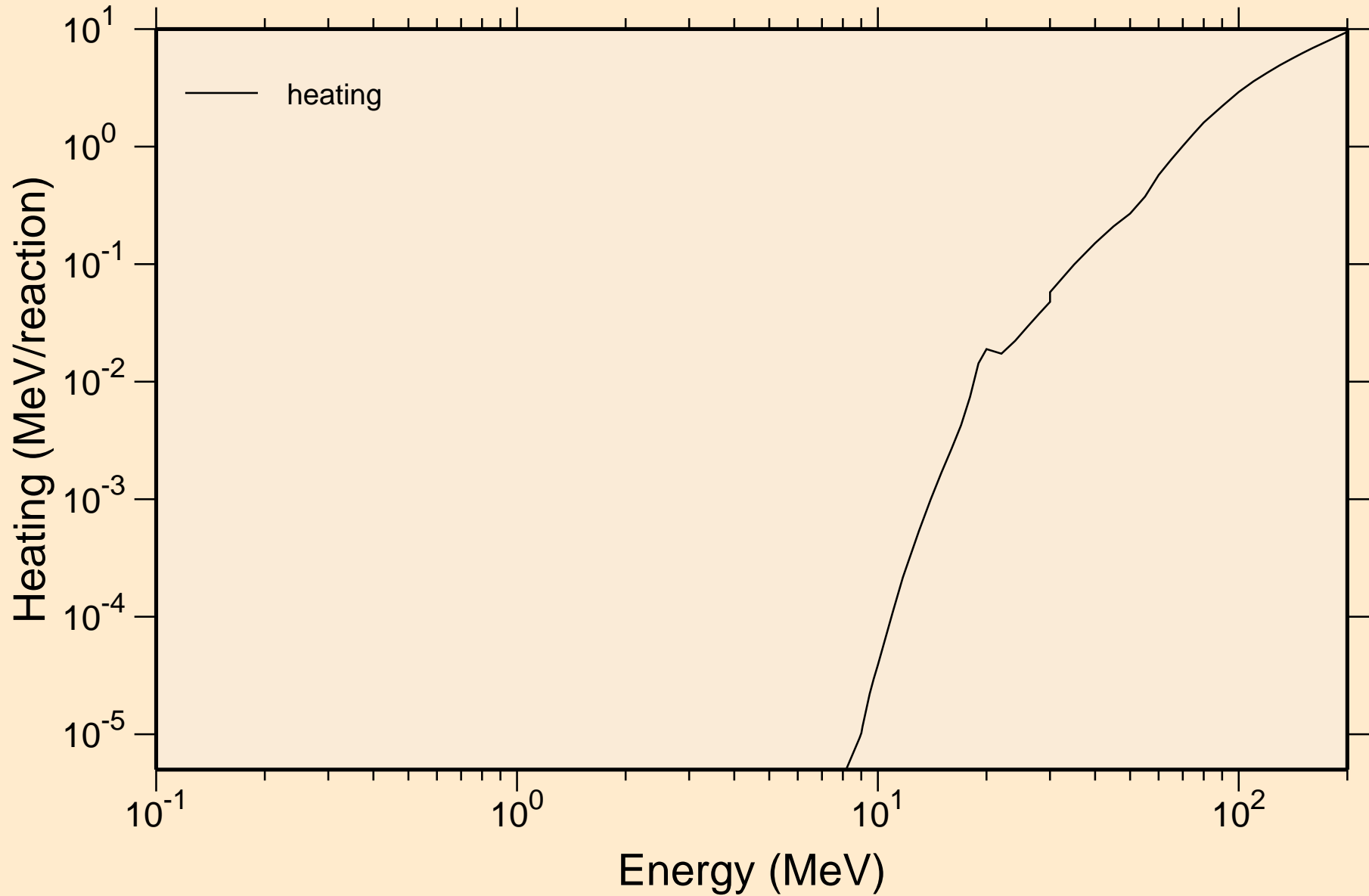


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



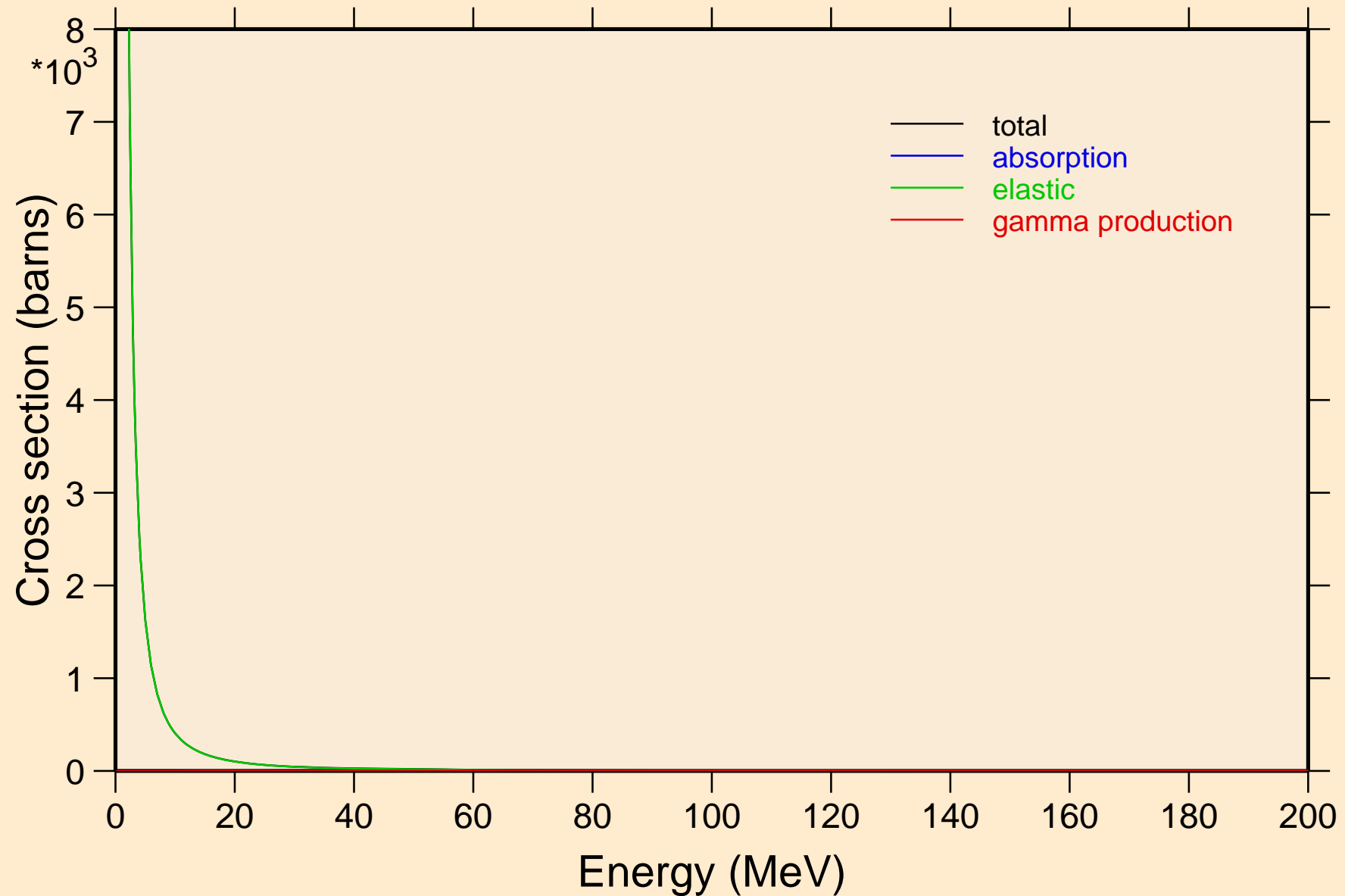
# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



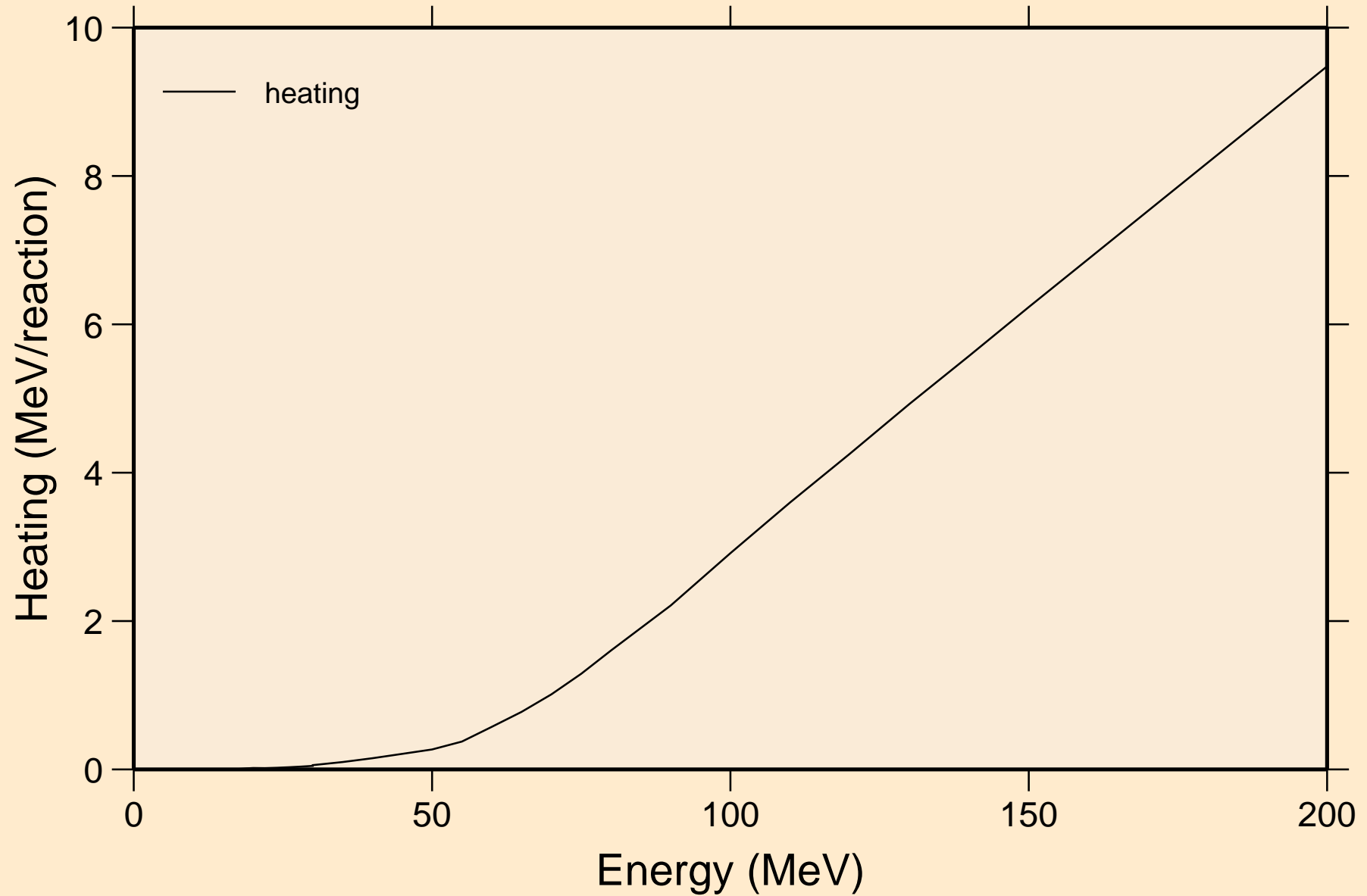
# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



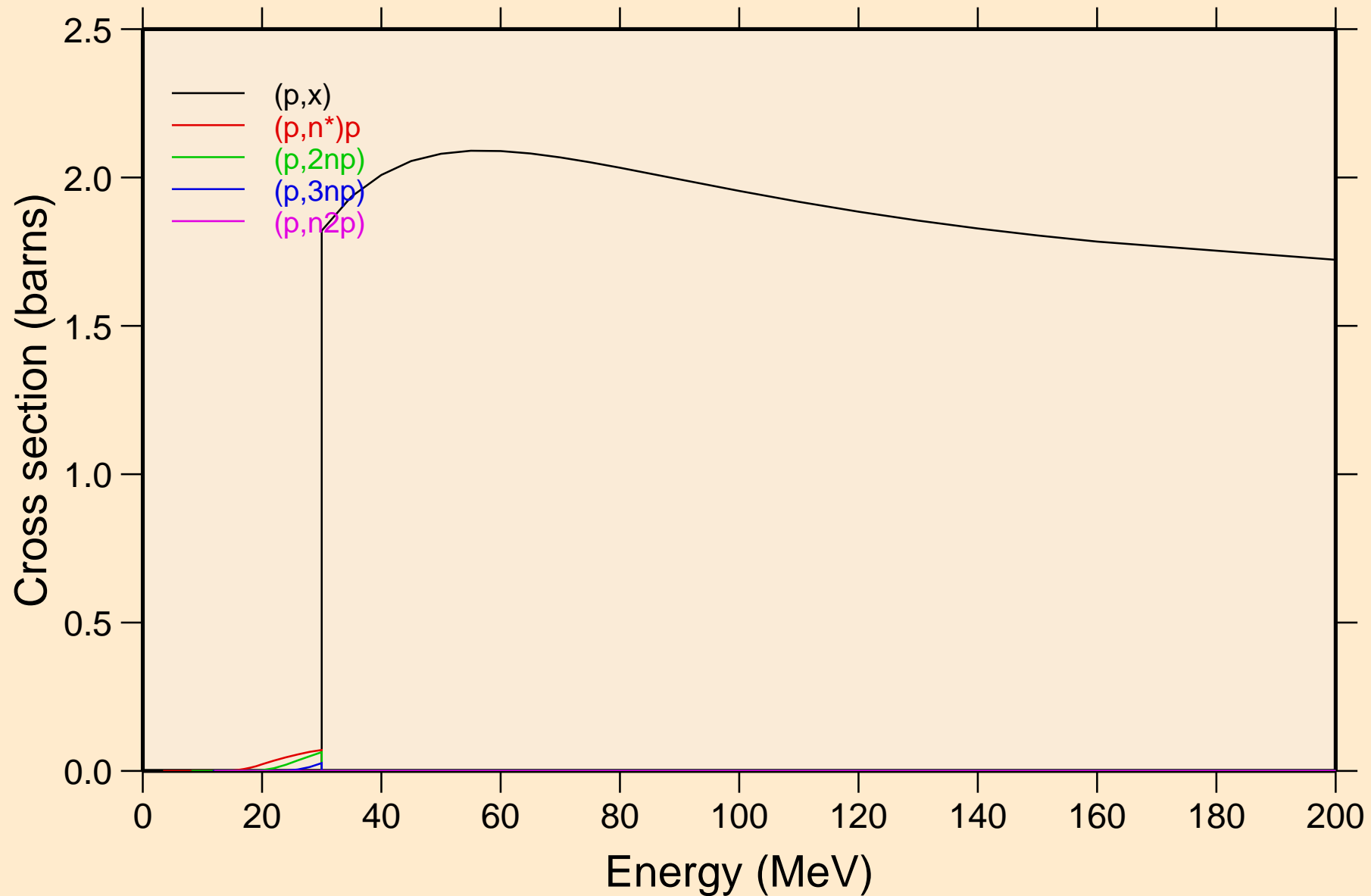
# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



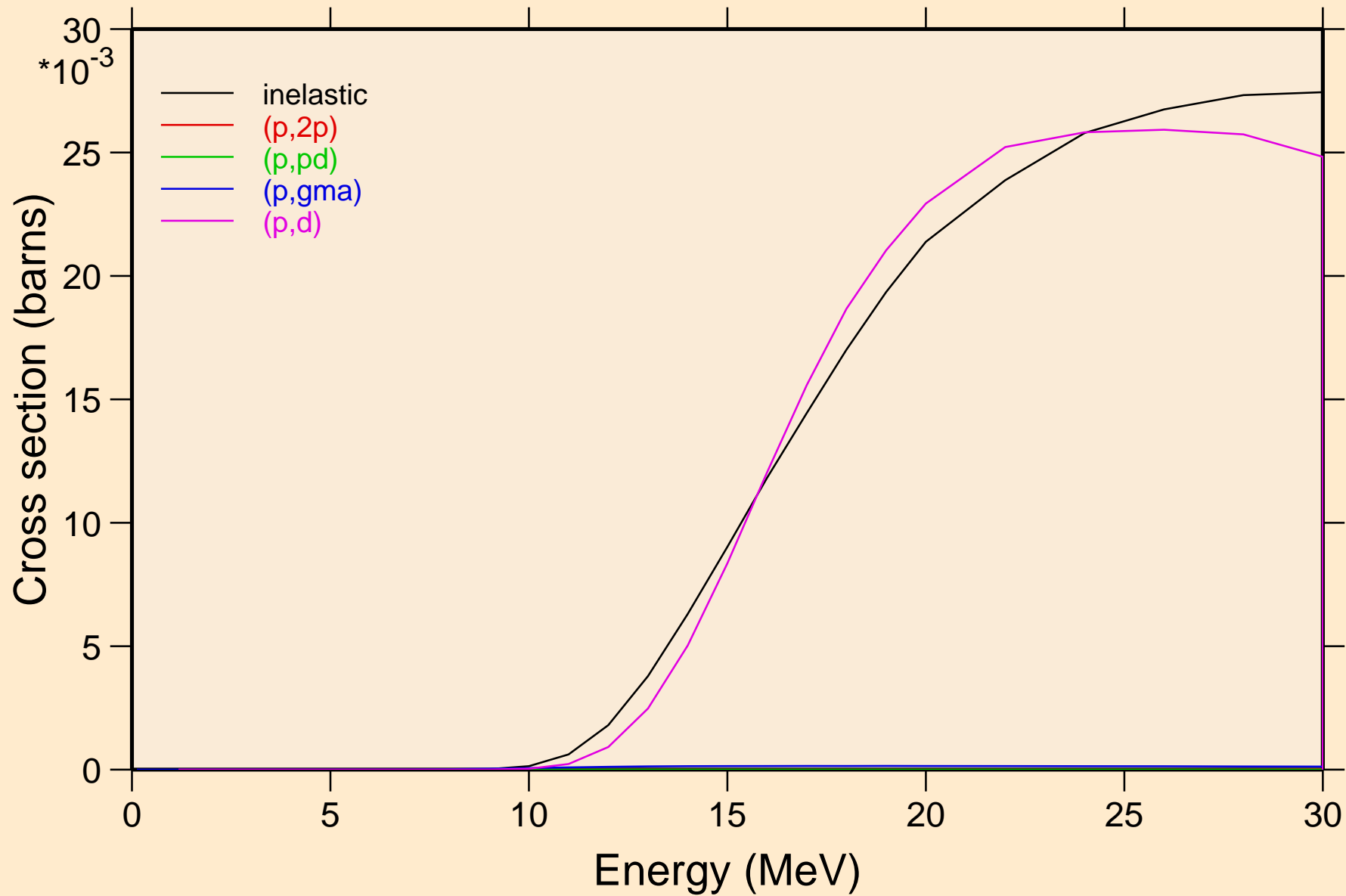
# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



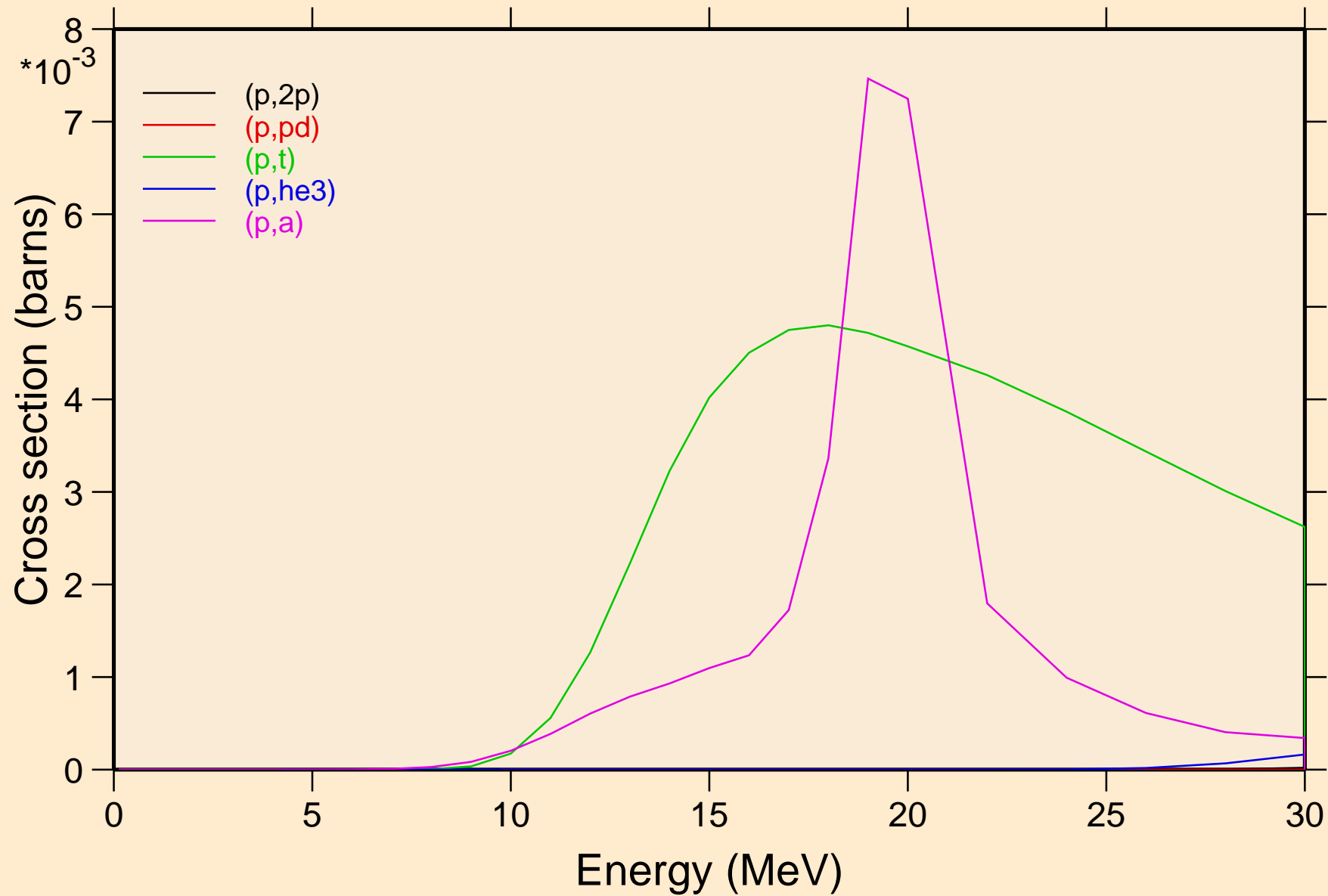
# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

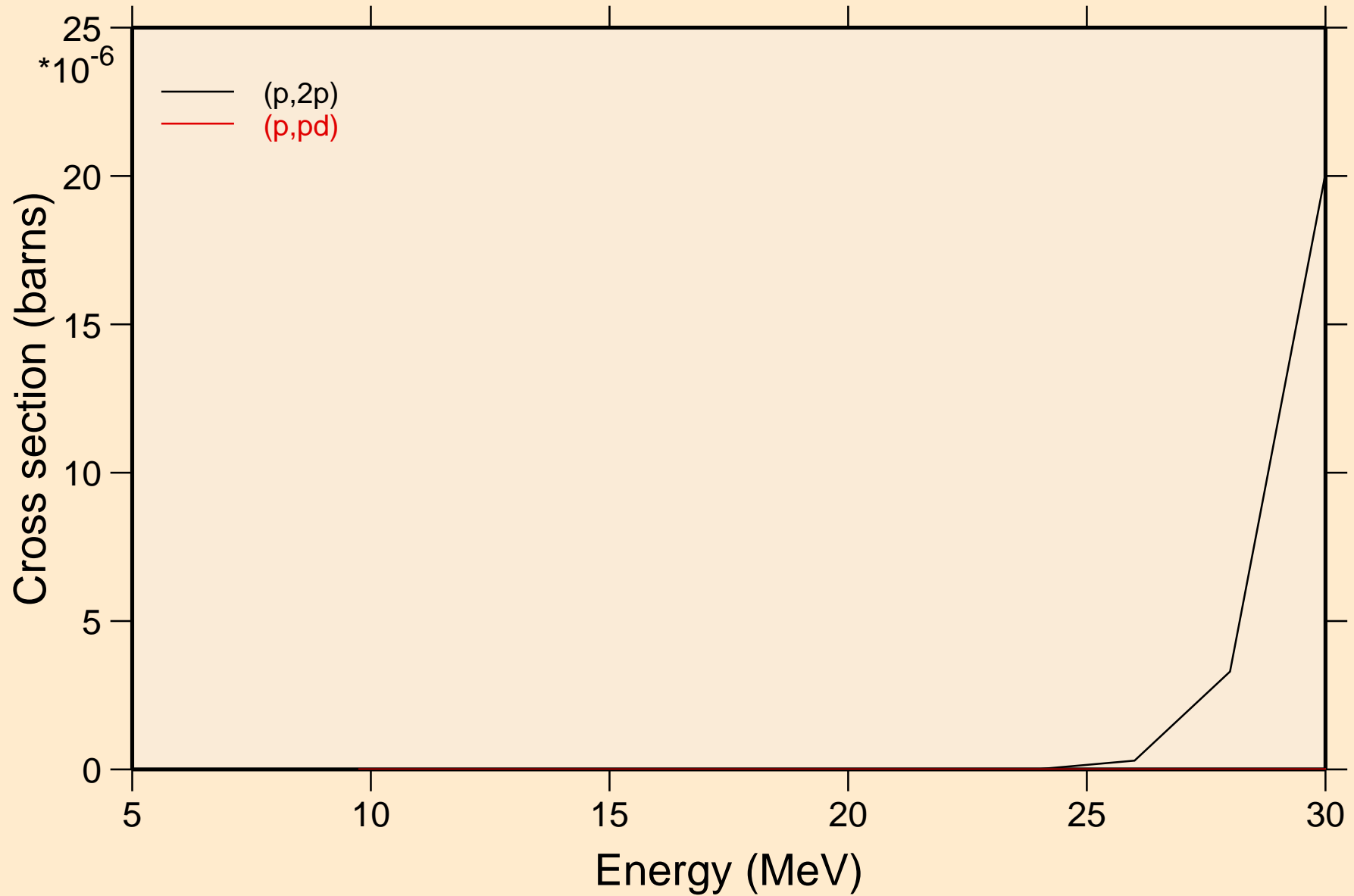


# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

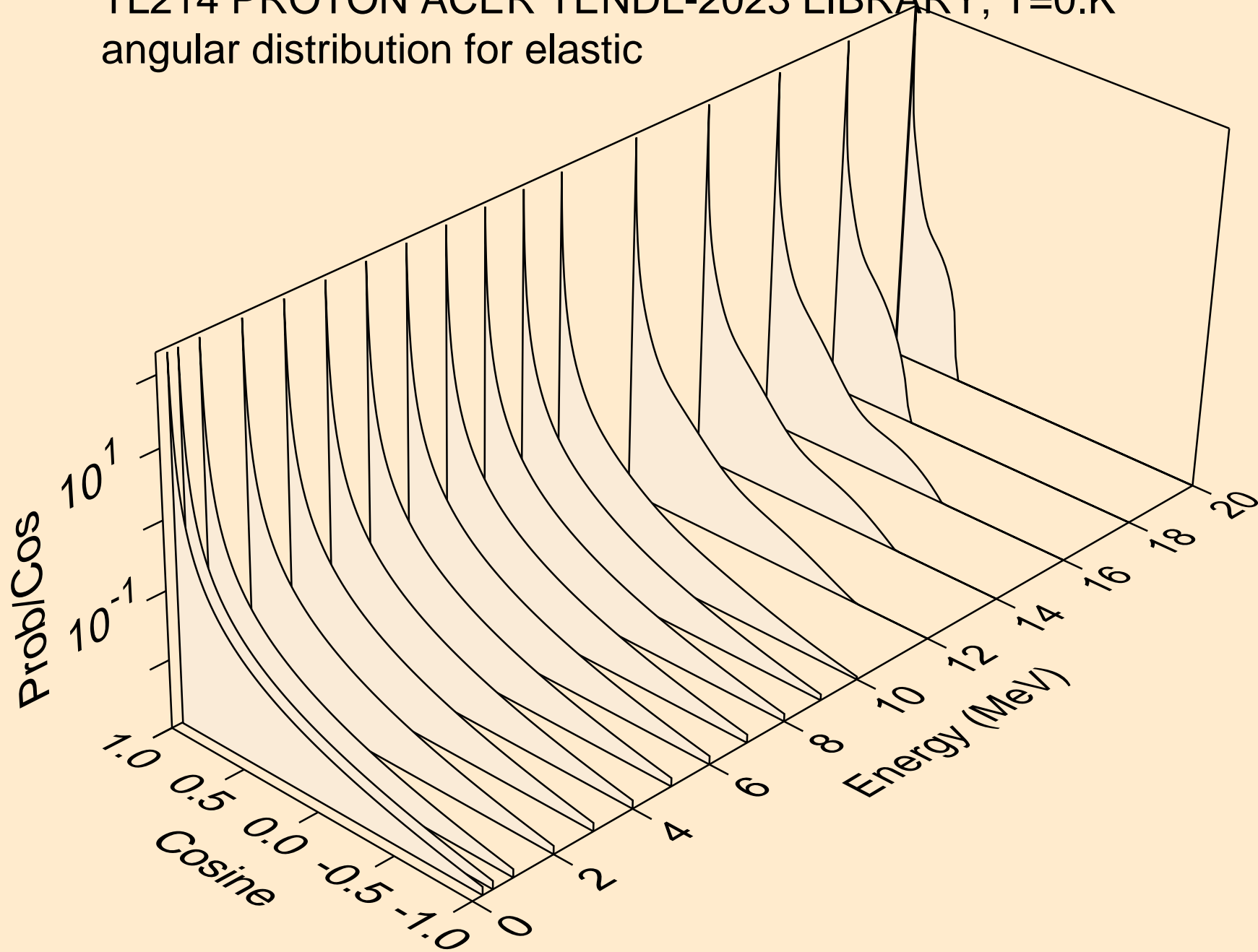


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

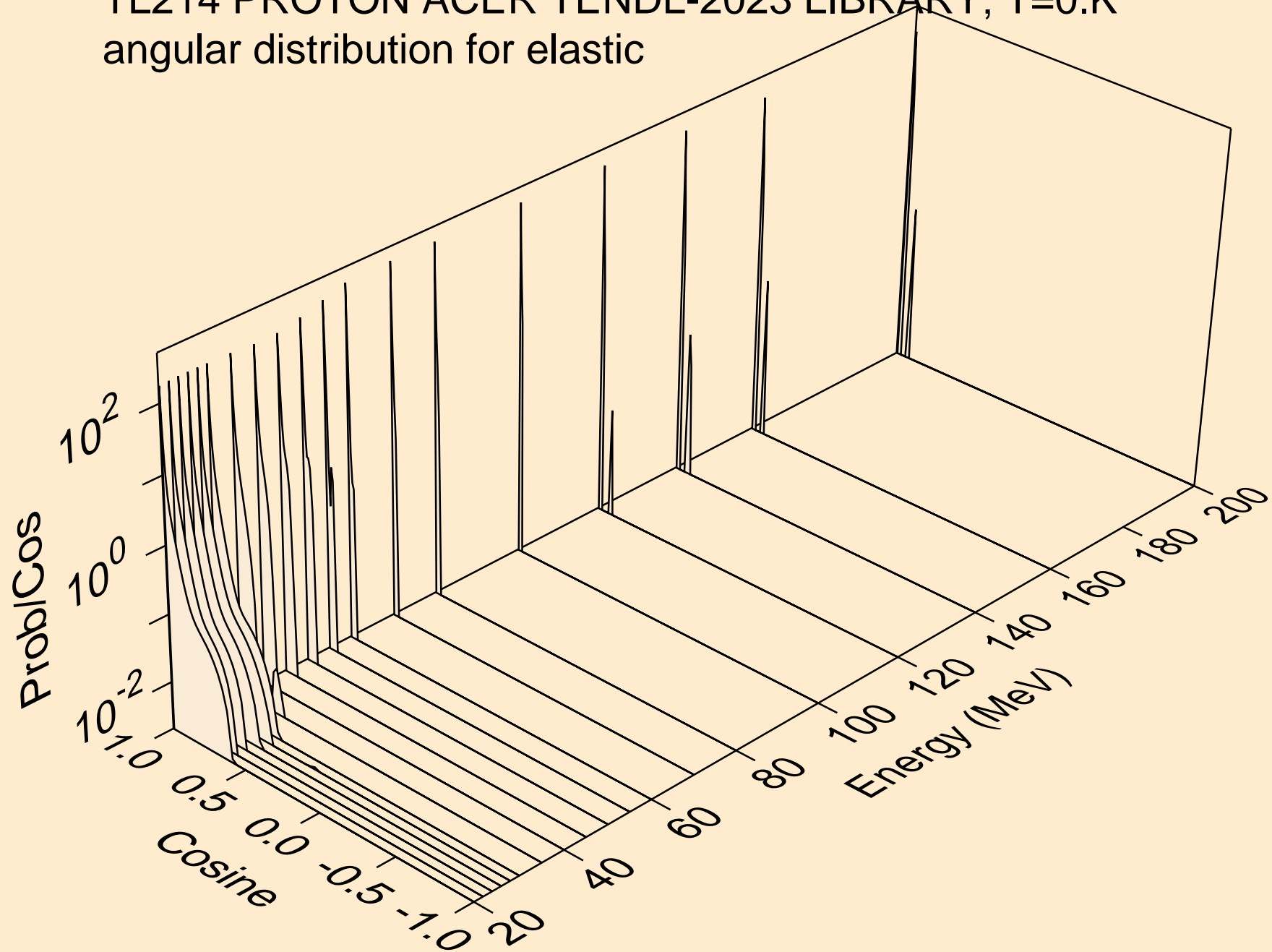




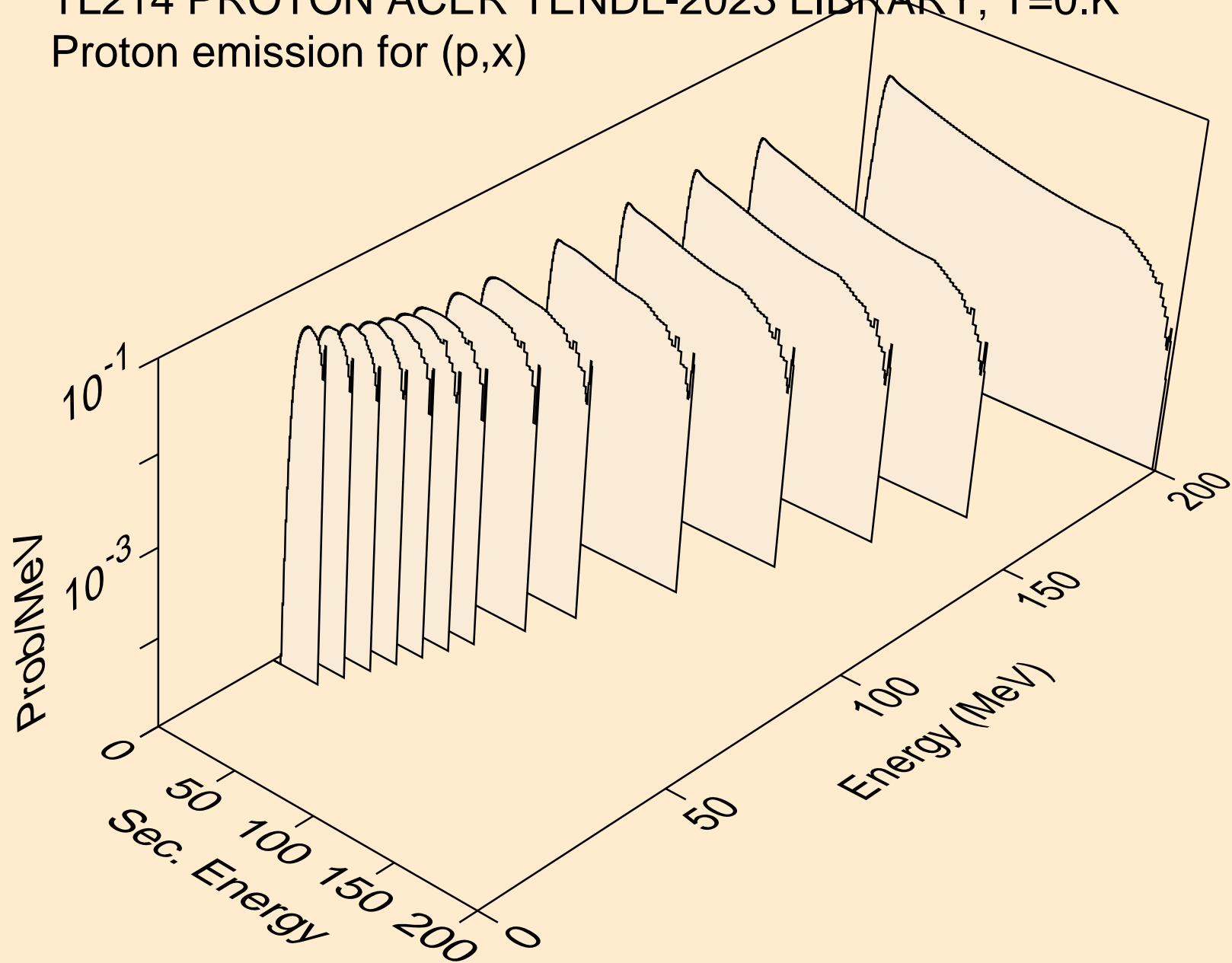
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



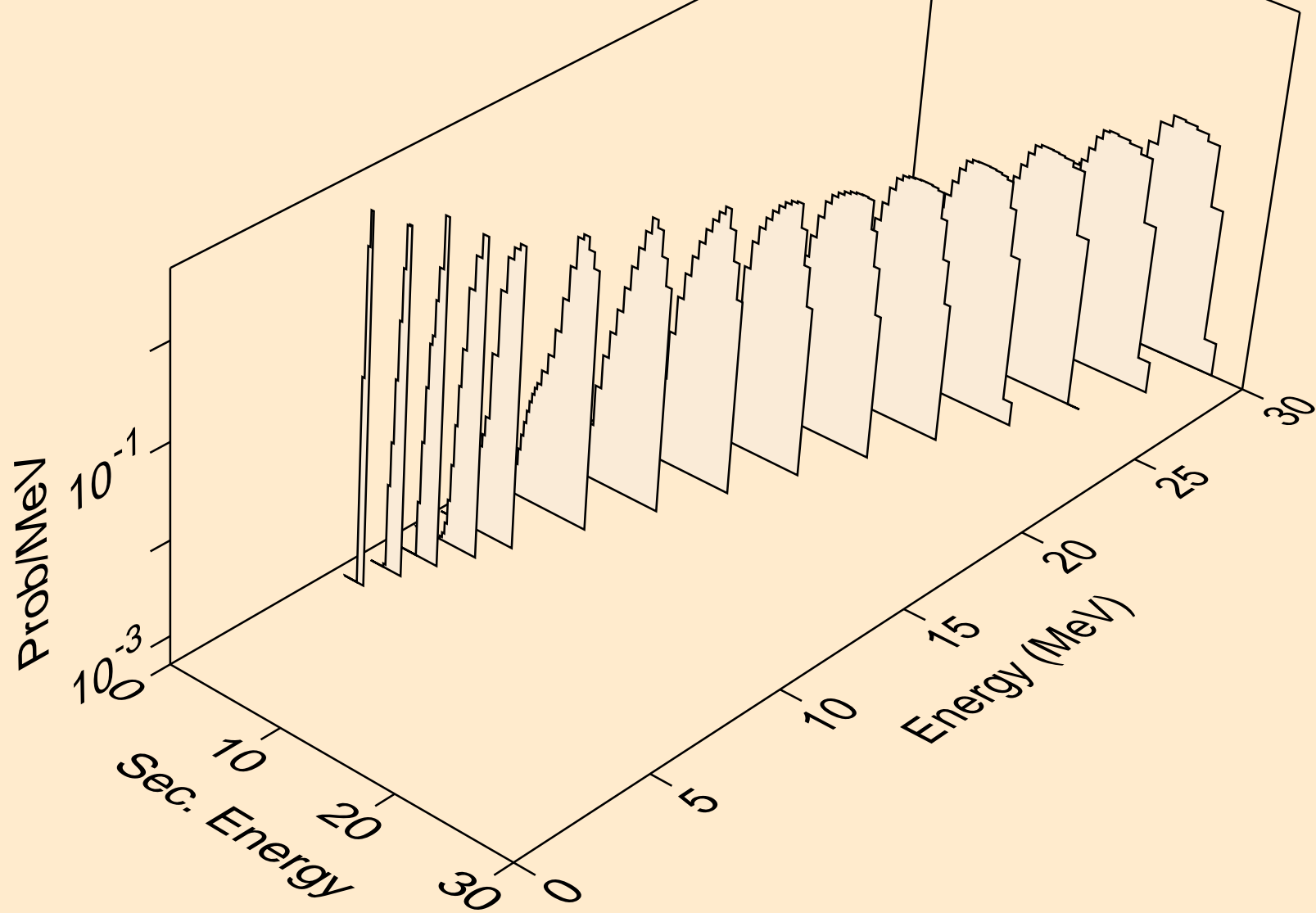
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



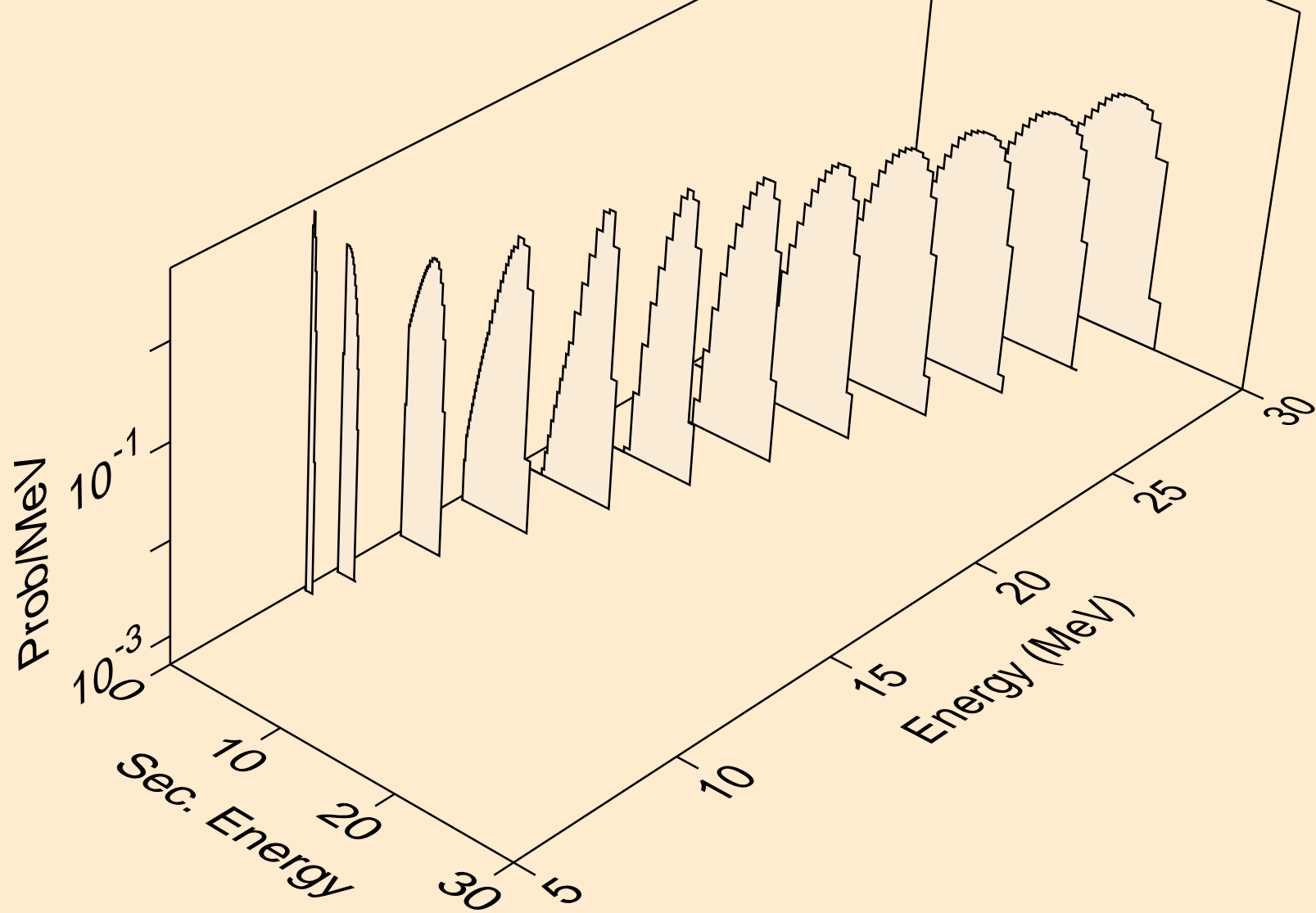
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



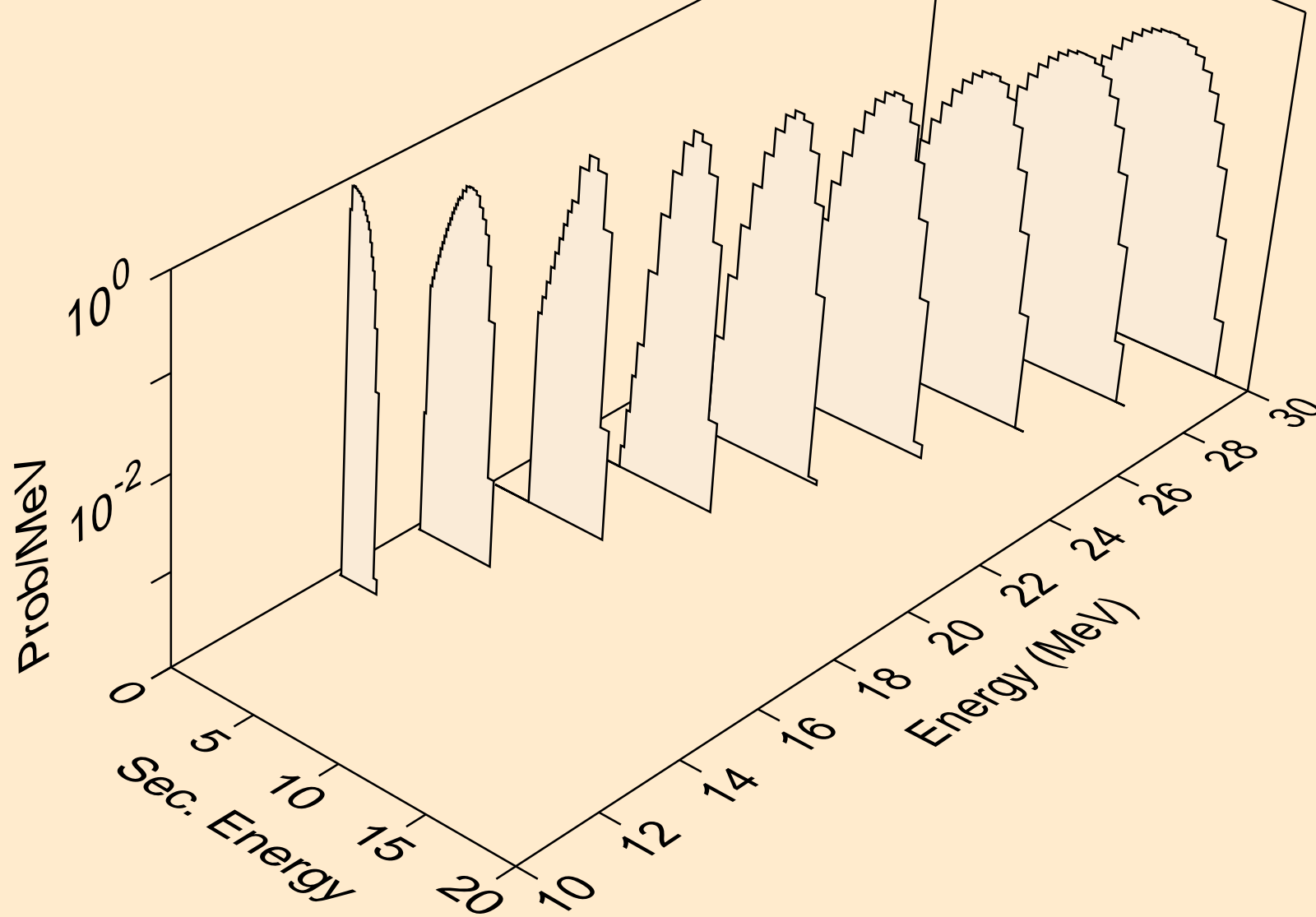
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



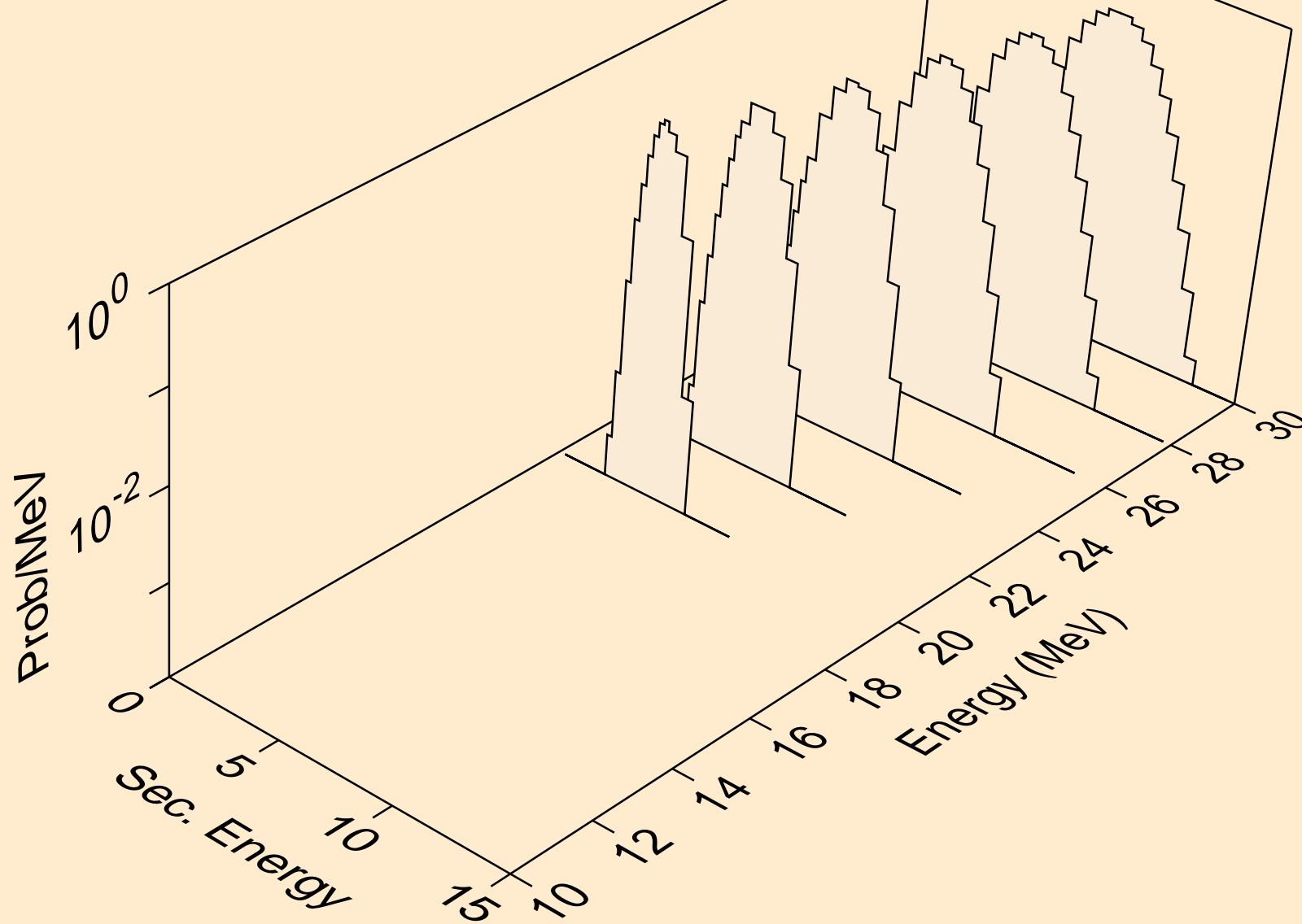
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



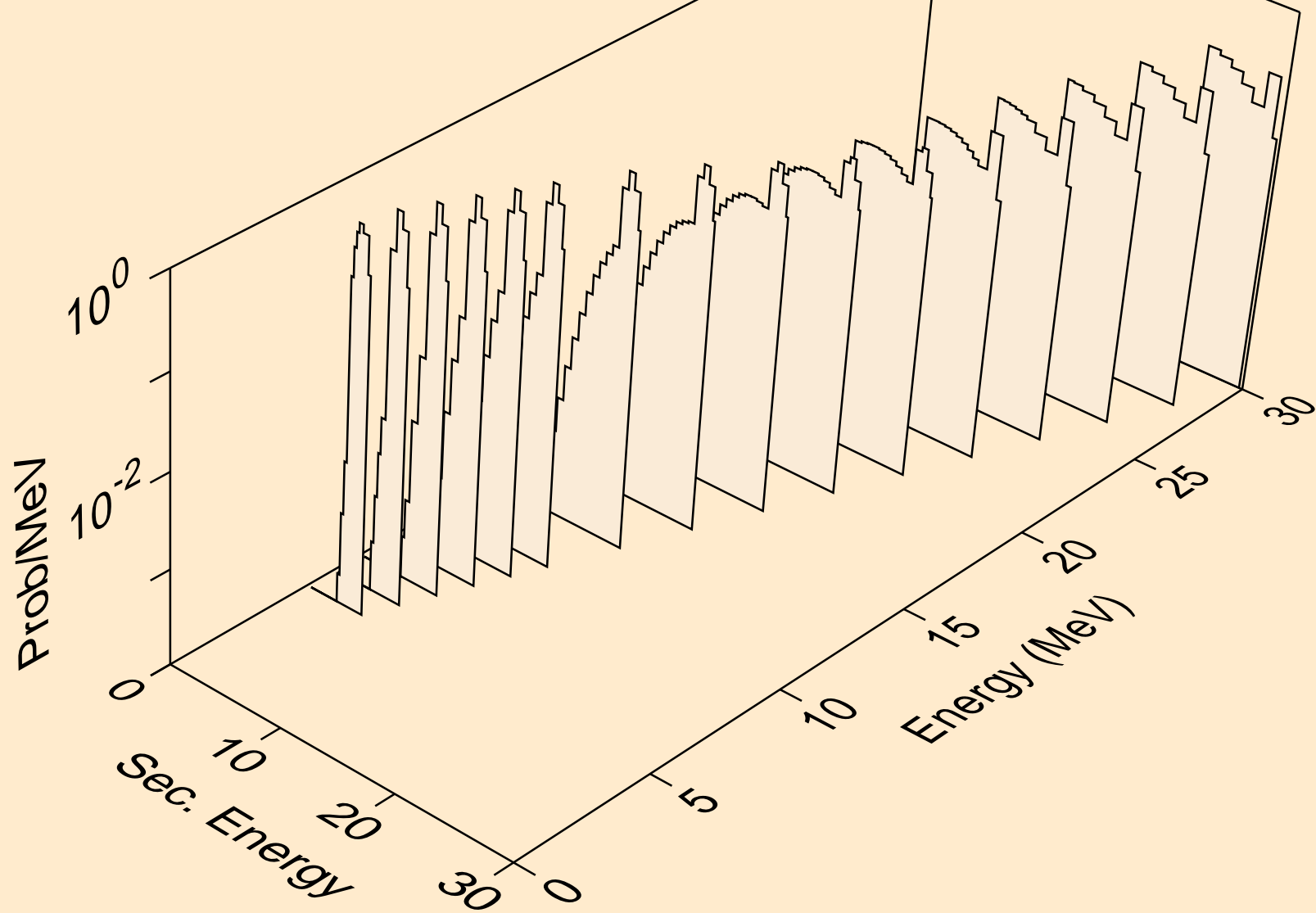
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

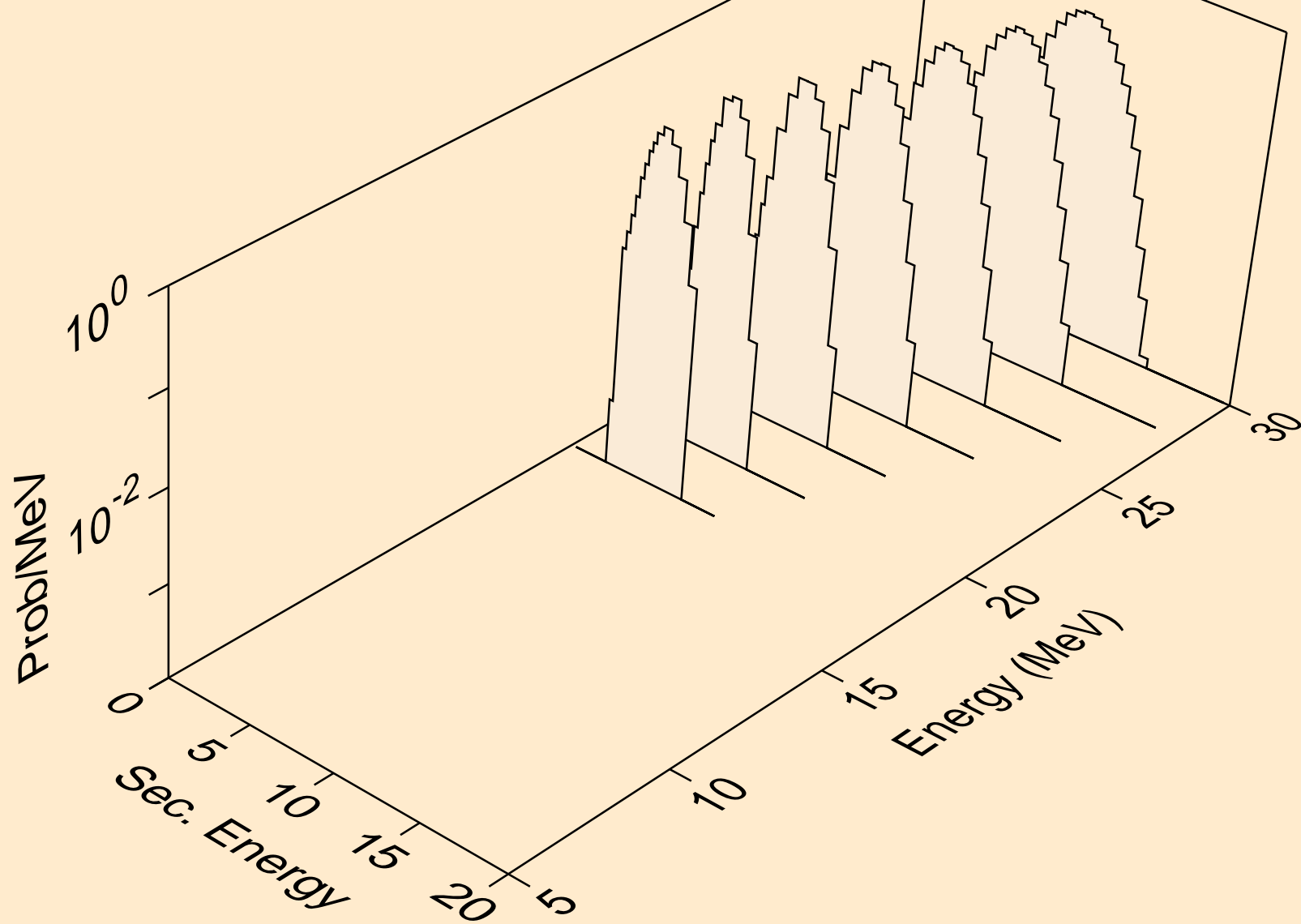


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

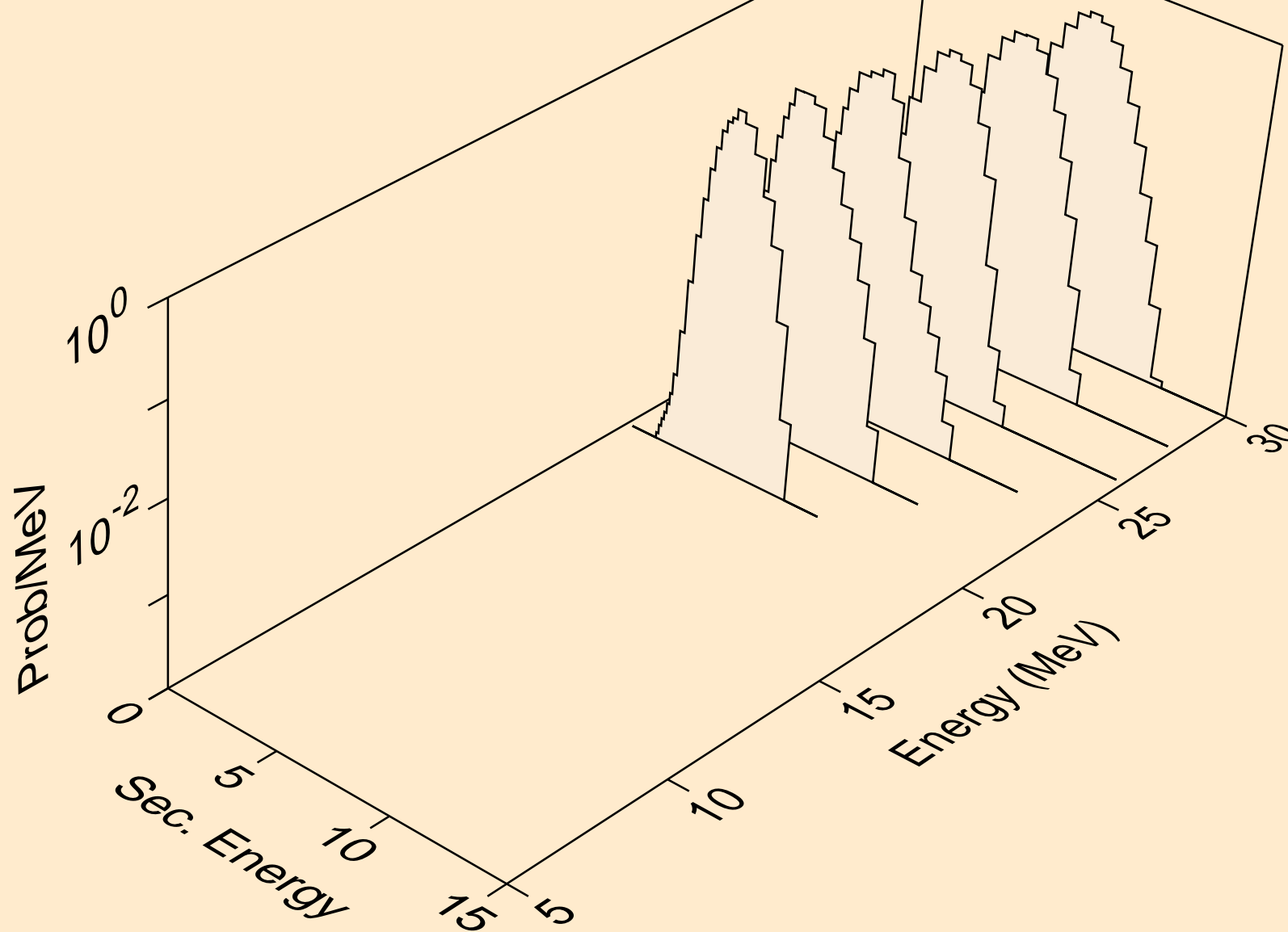




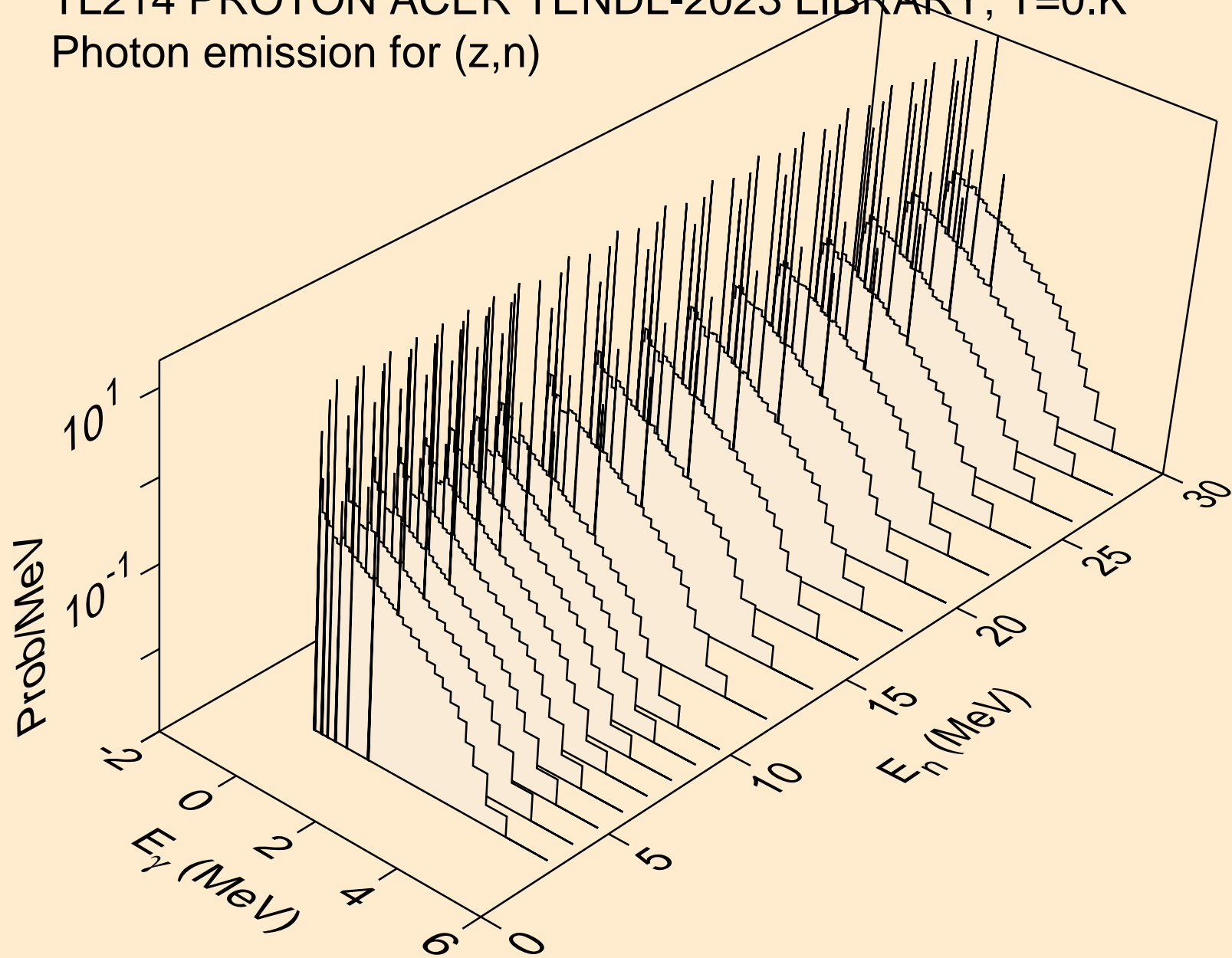
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



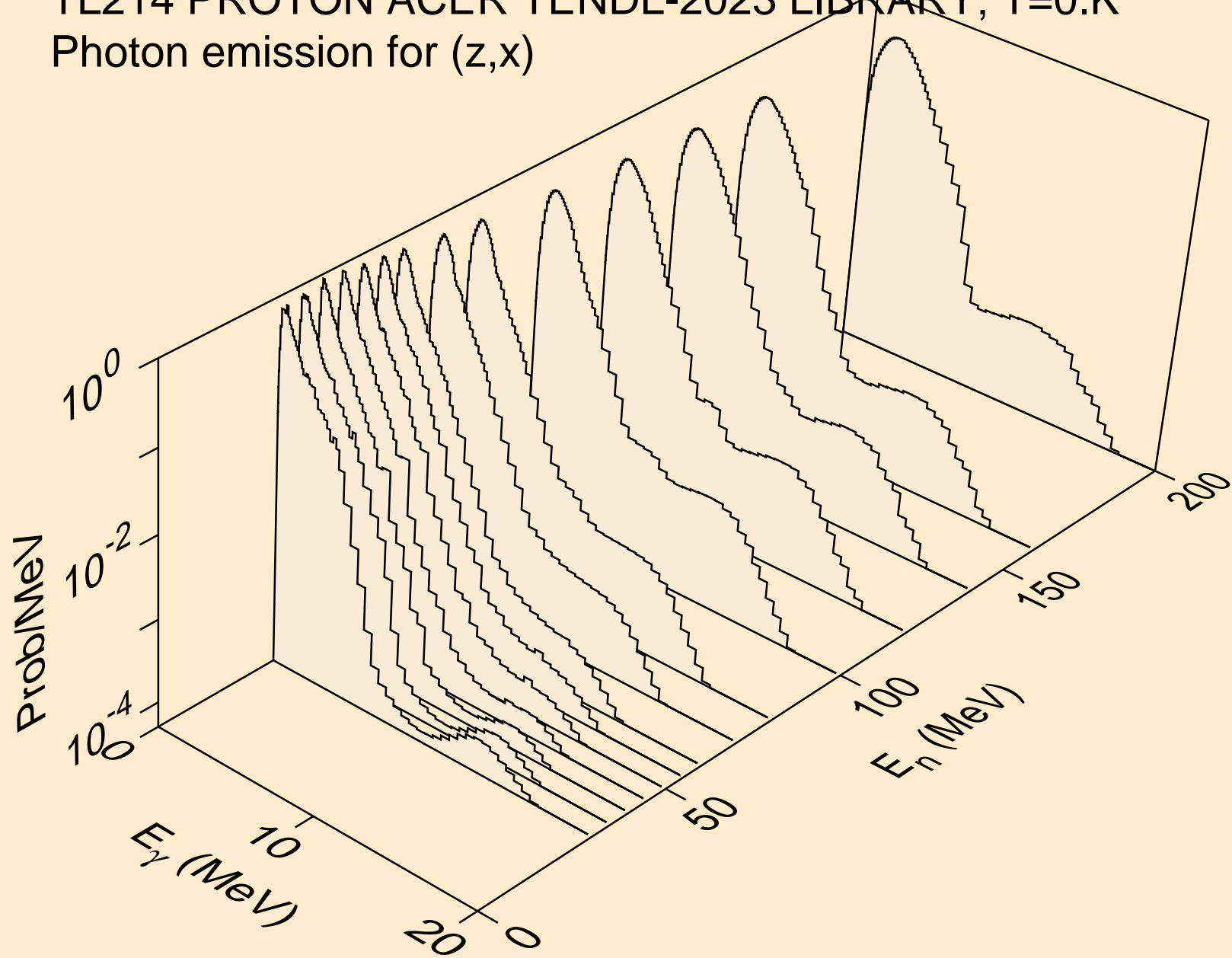
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



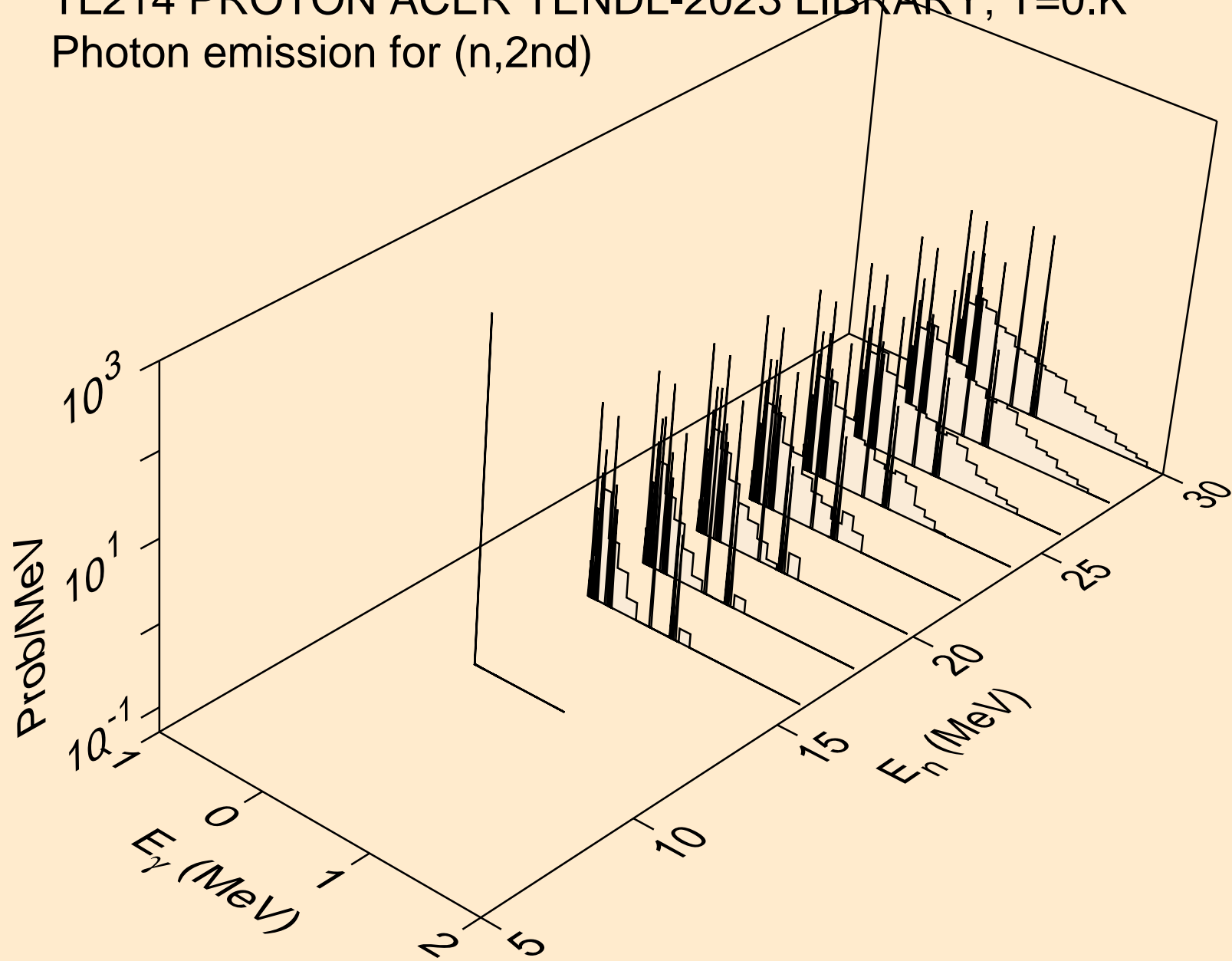
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



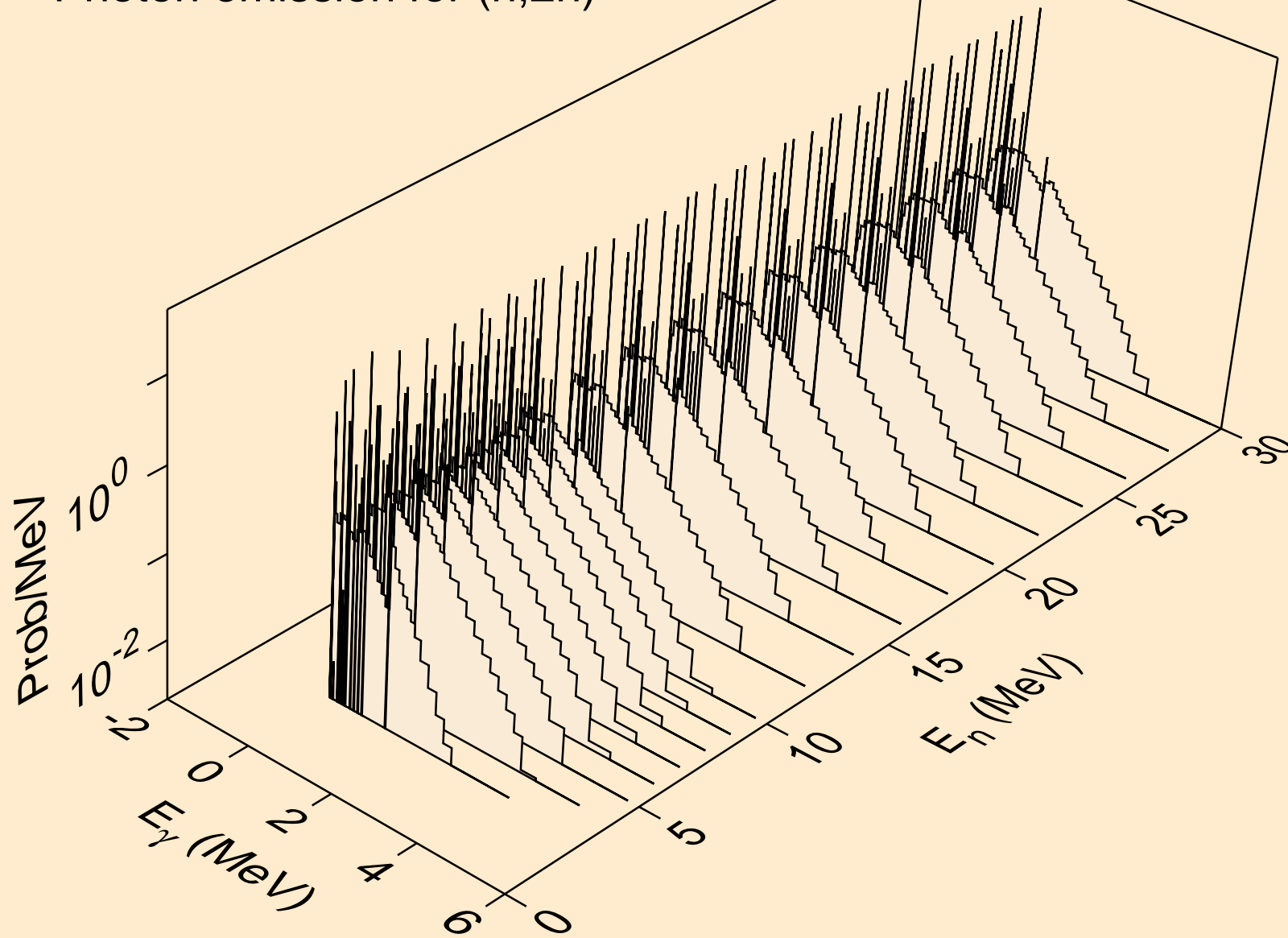
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



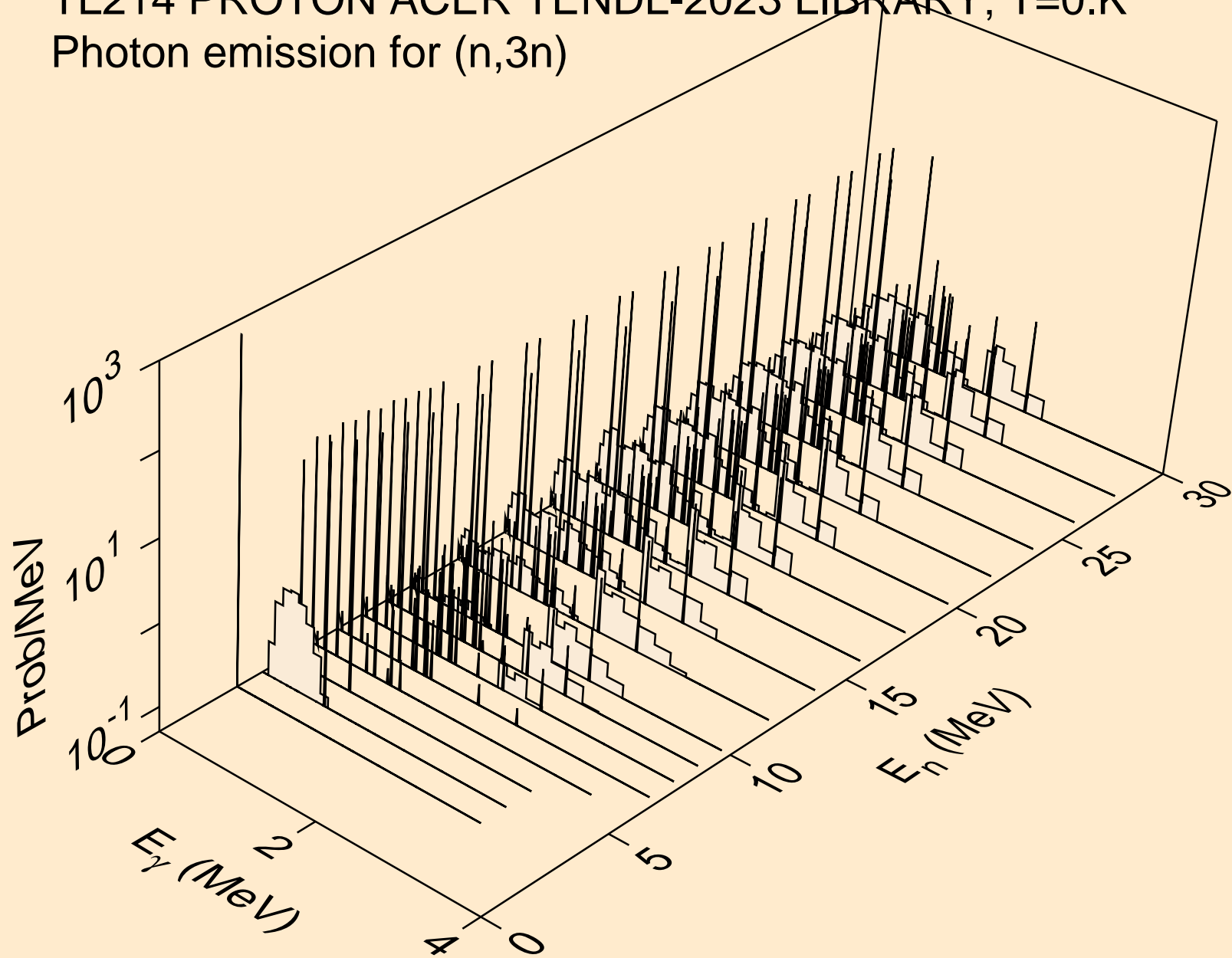
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



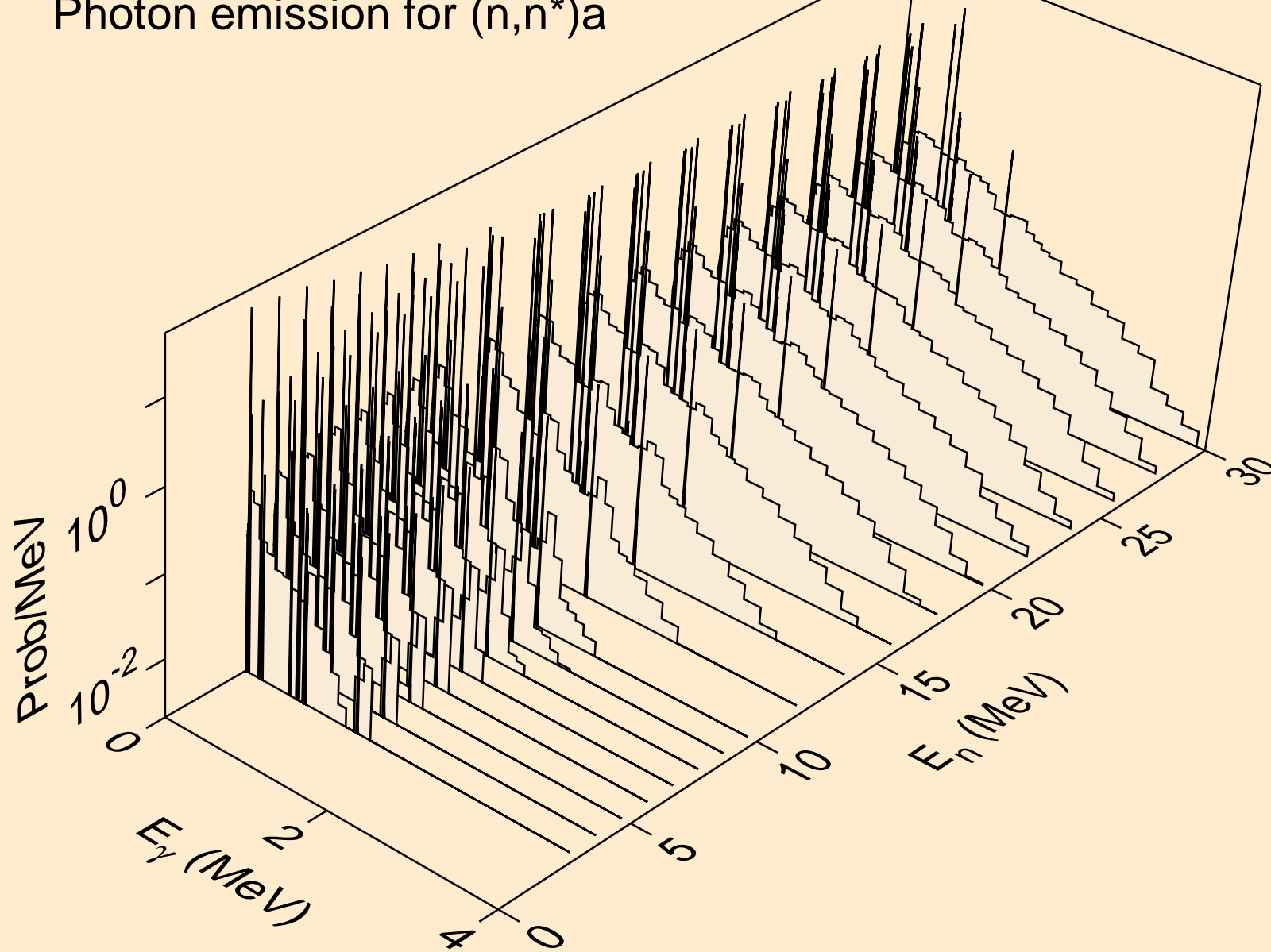
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

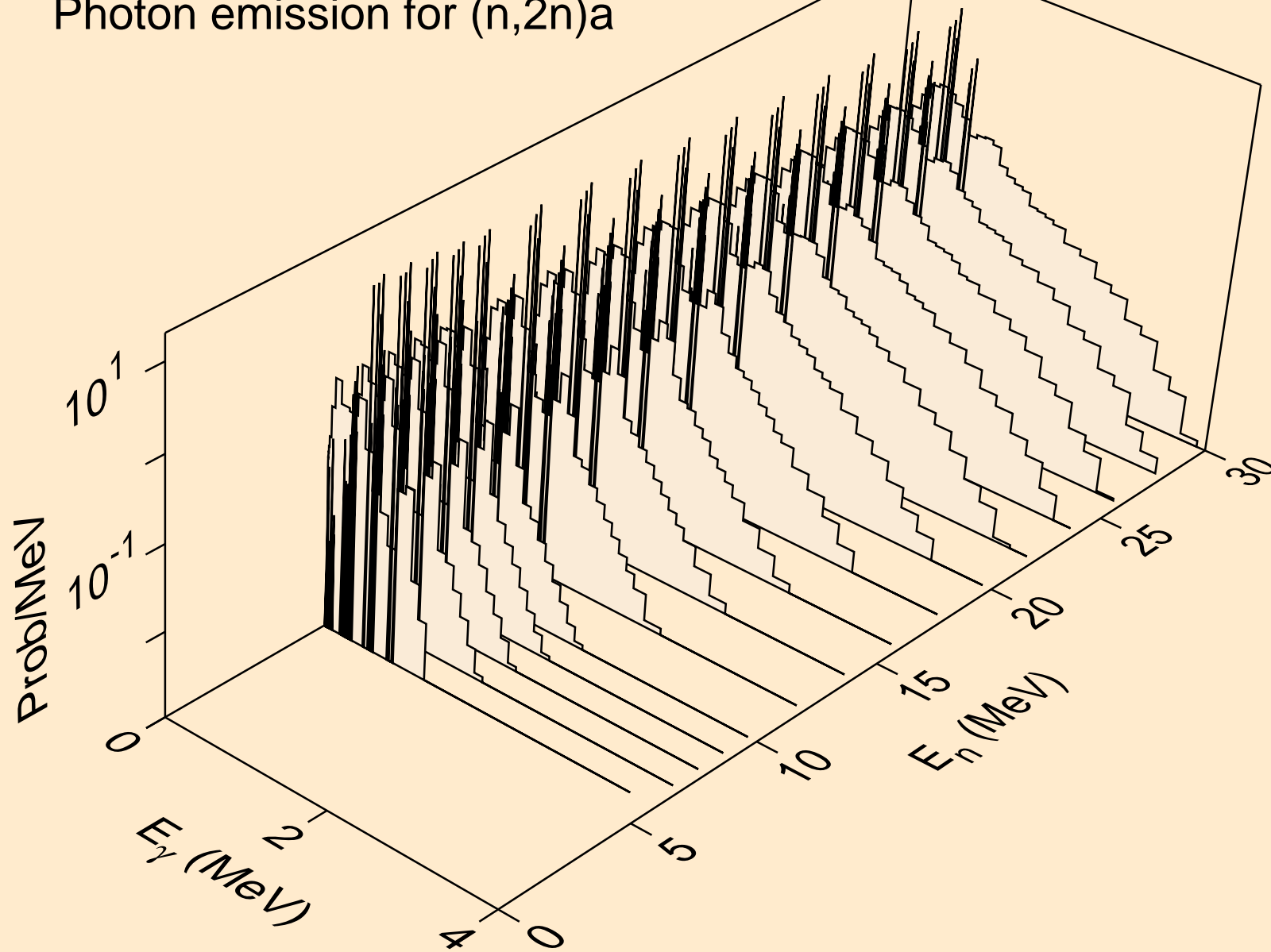


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

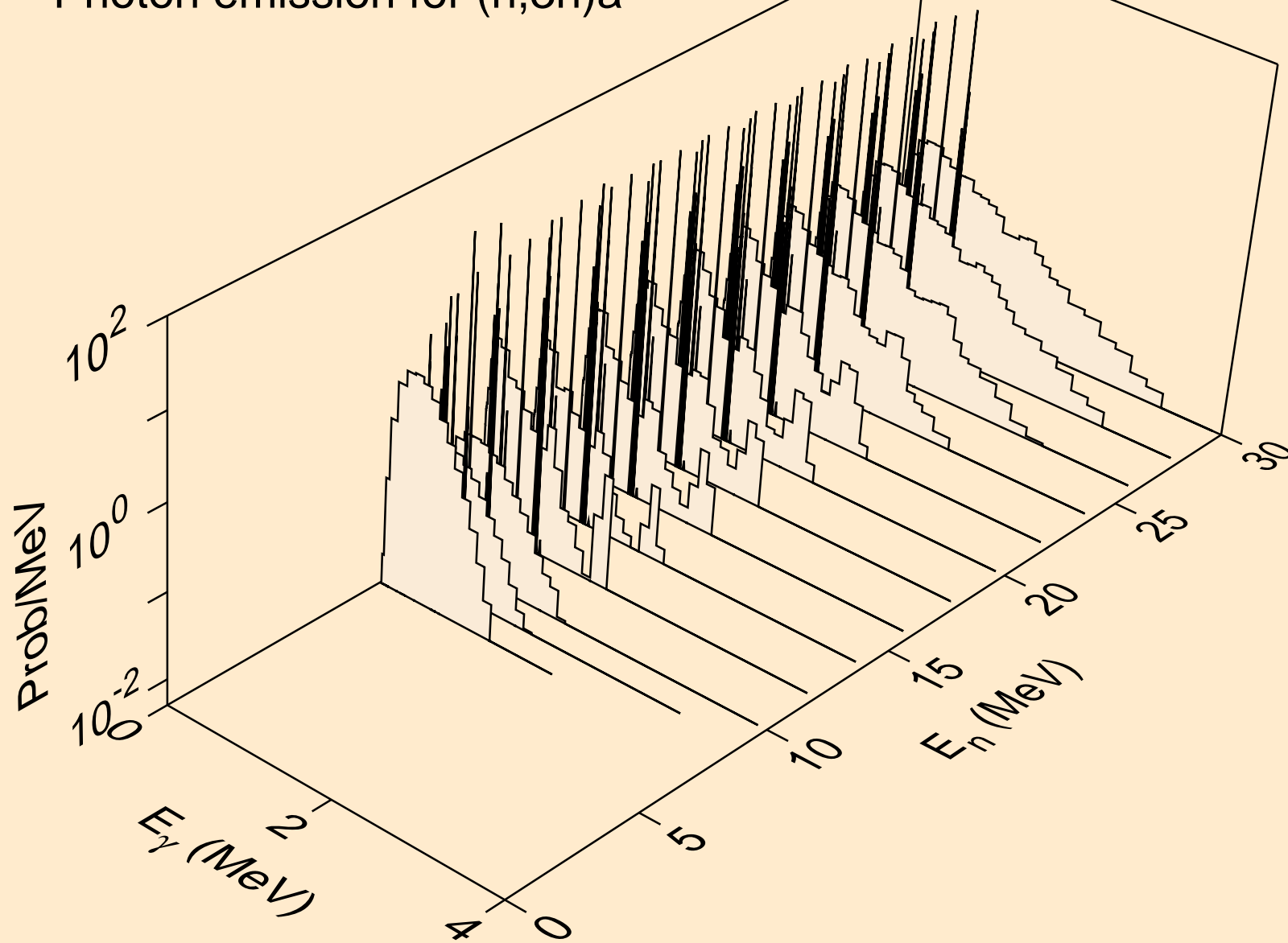




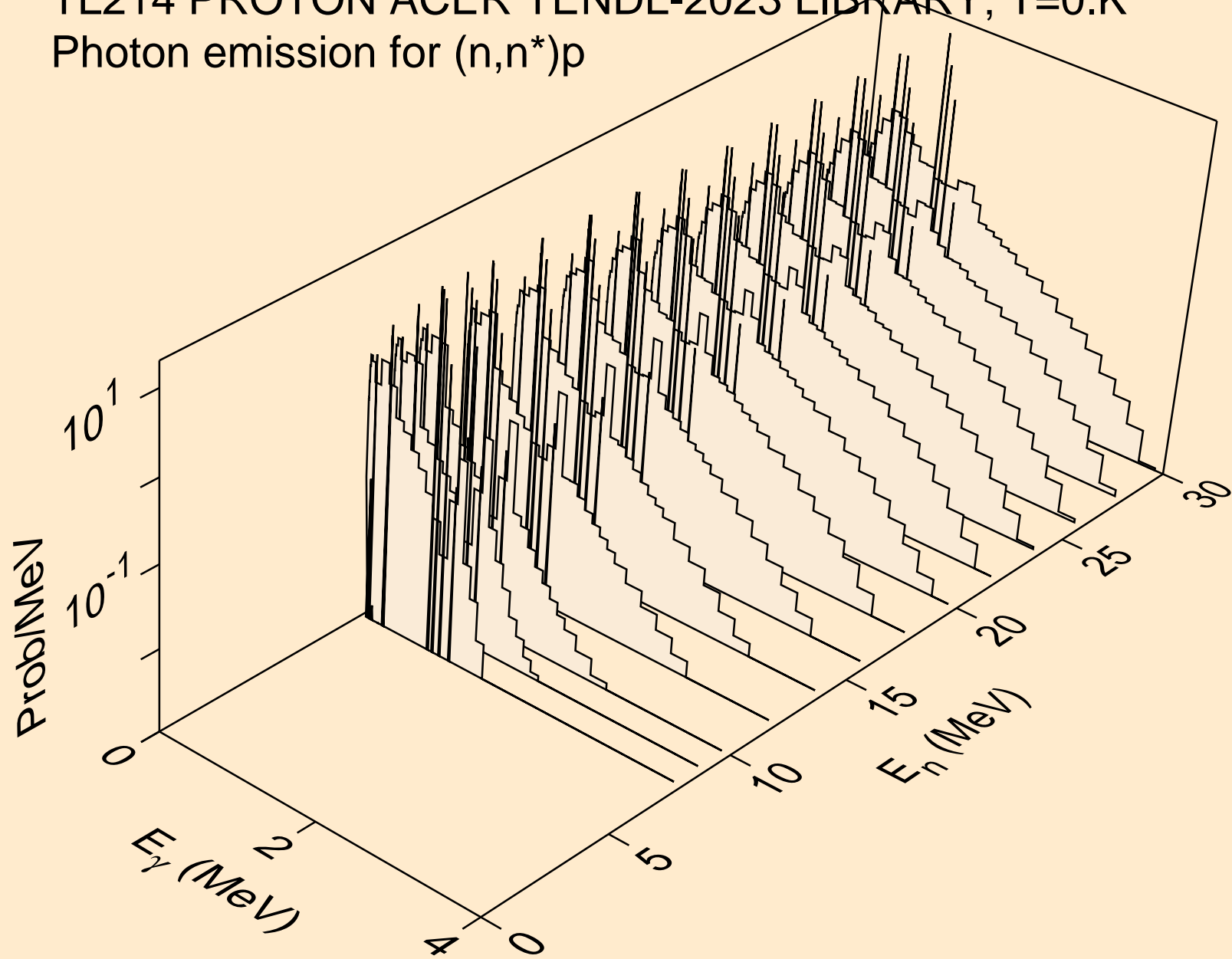
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



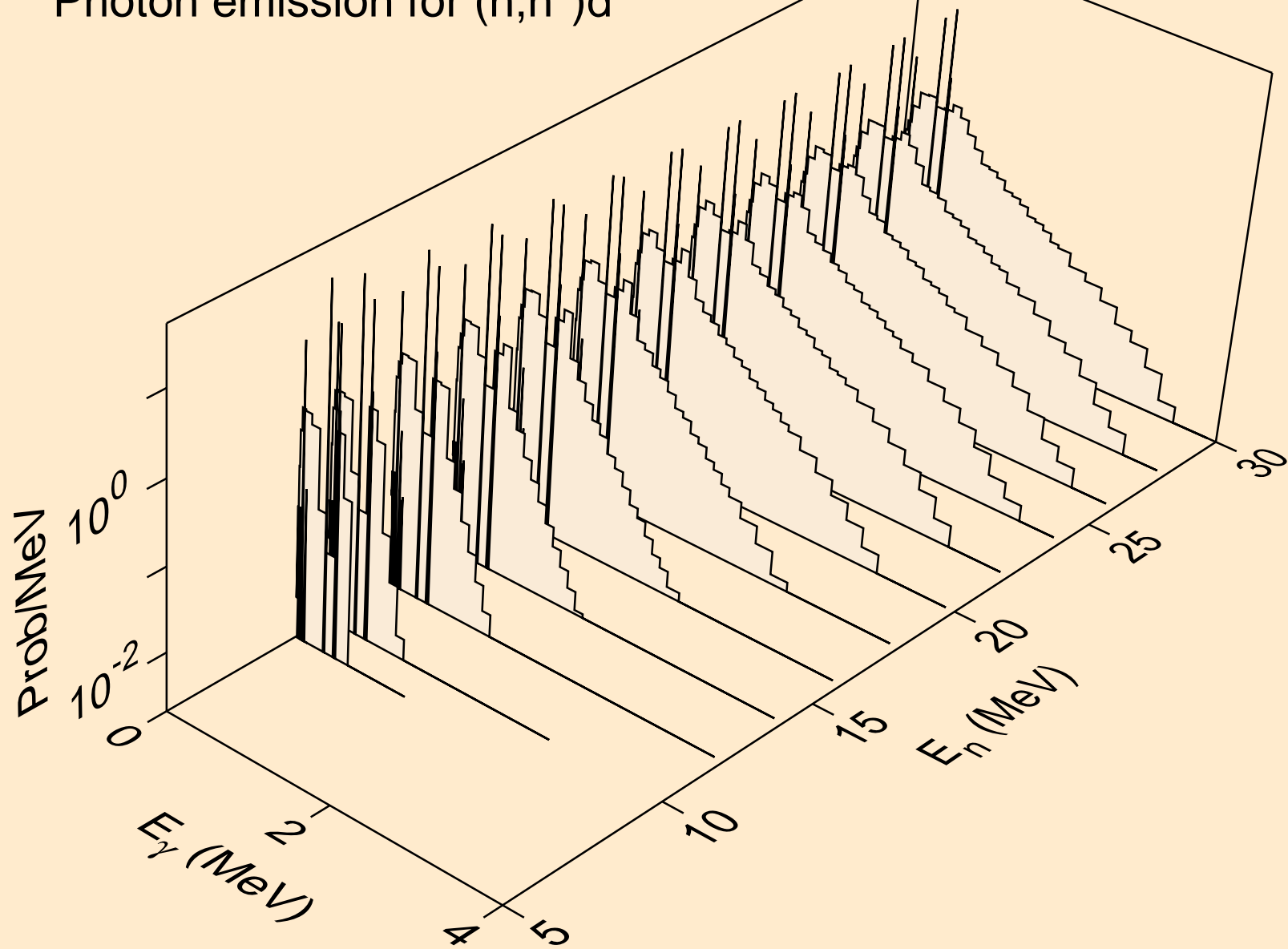
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



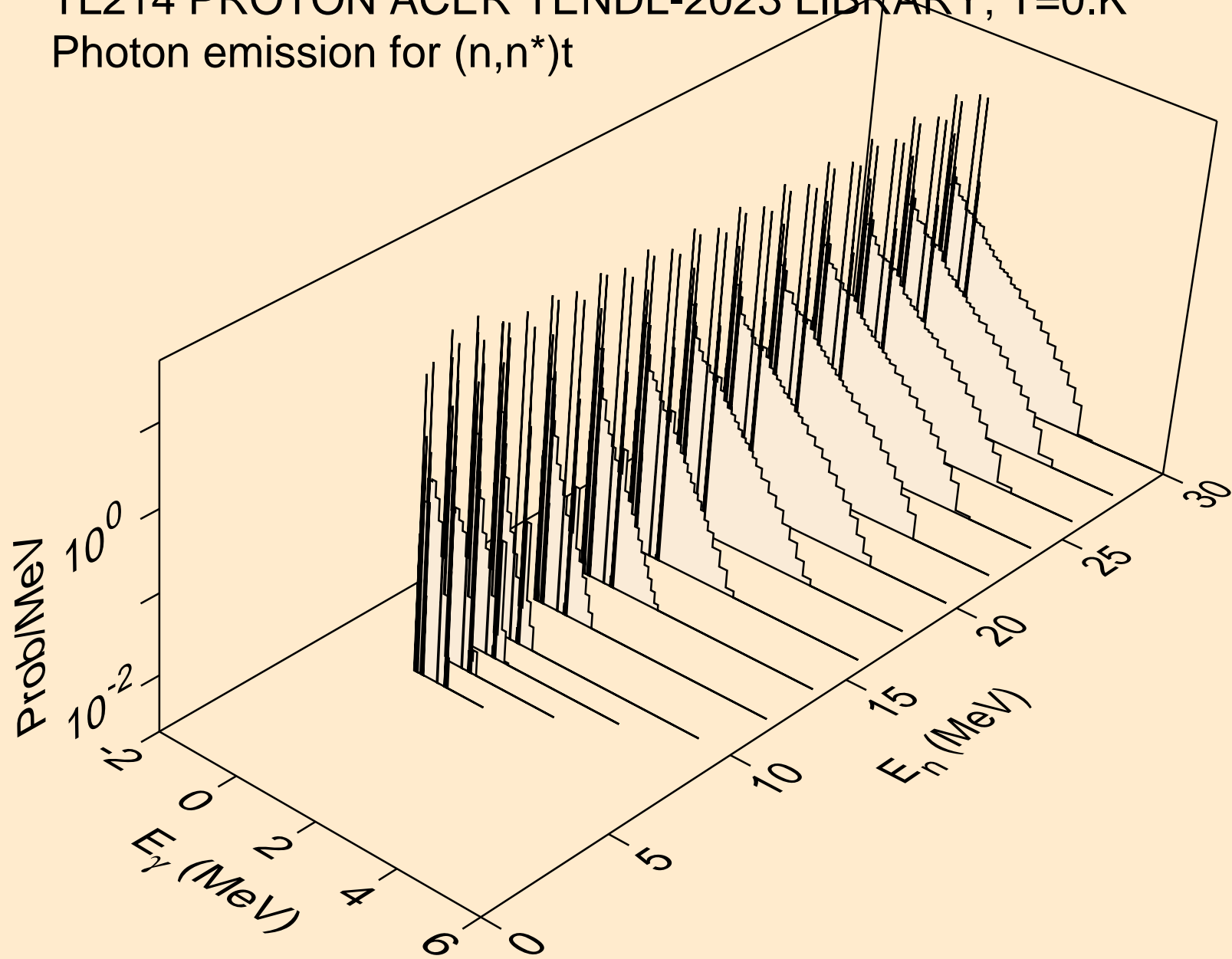
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



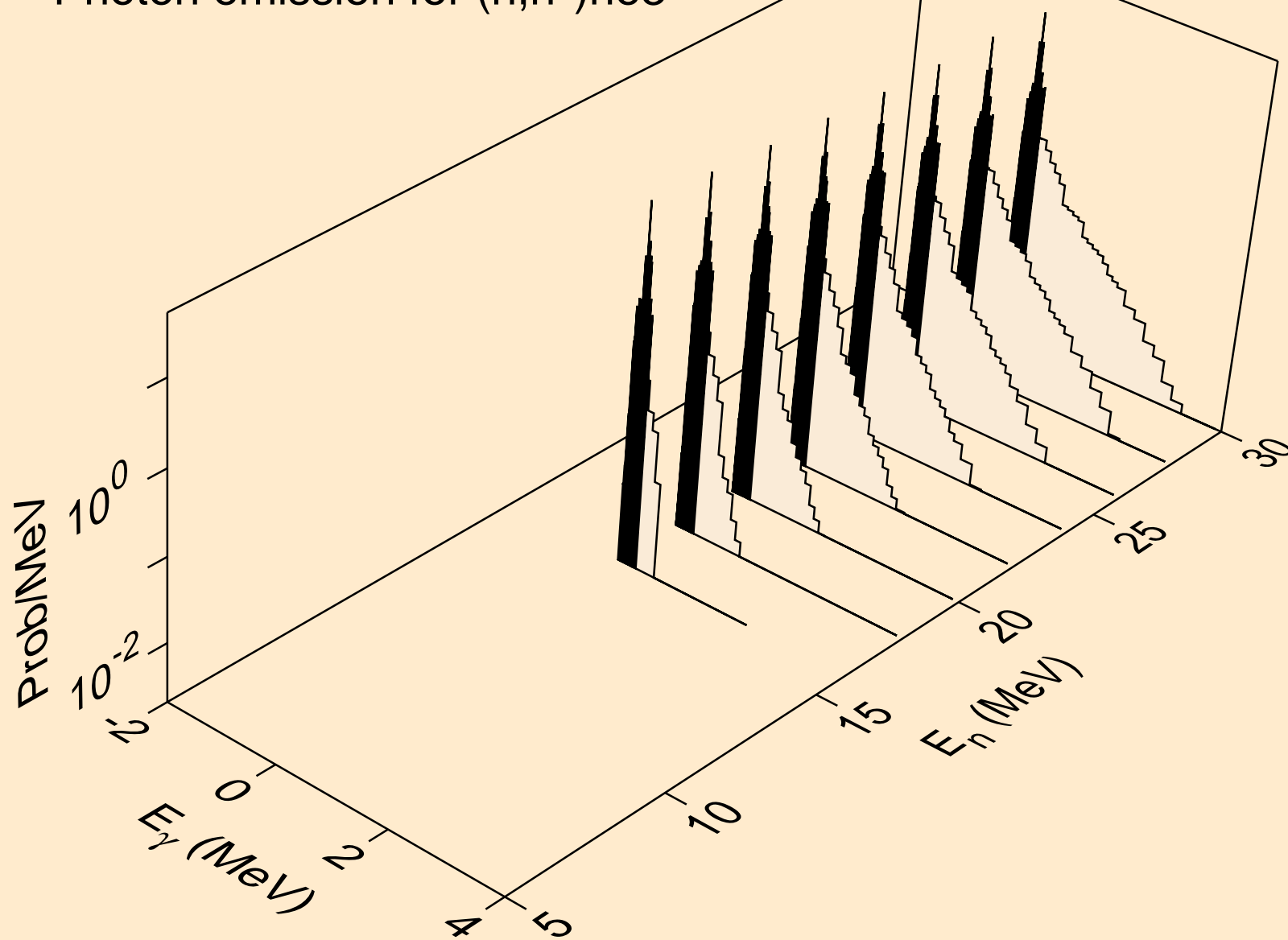
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



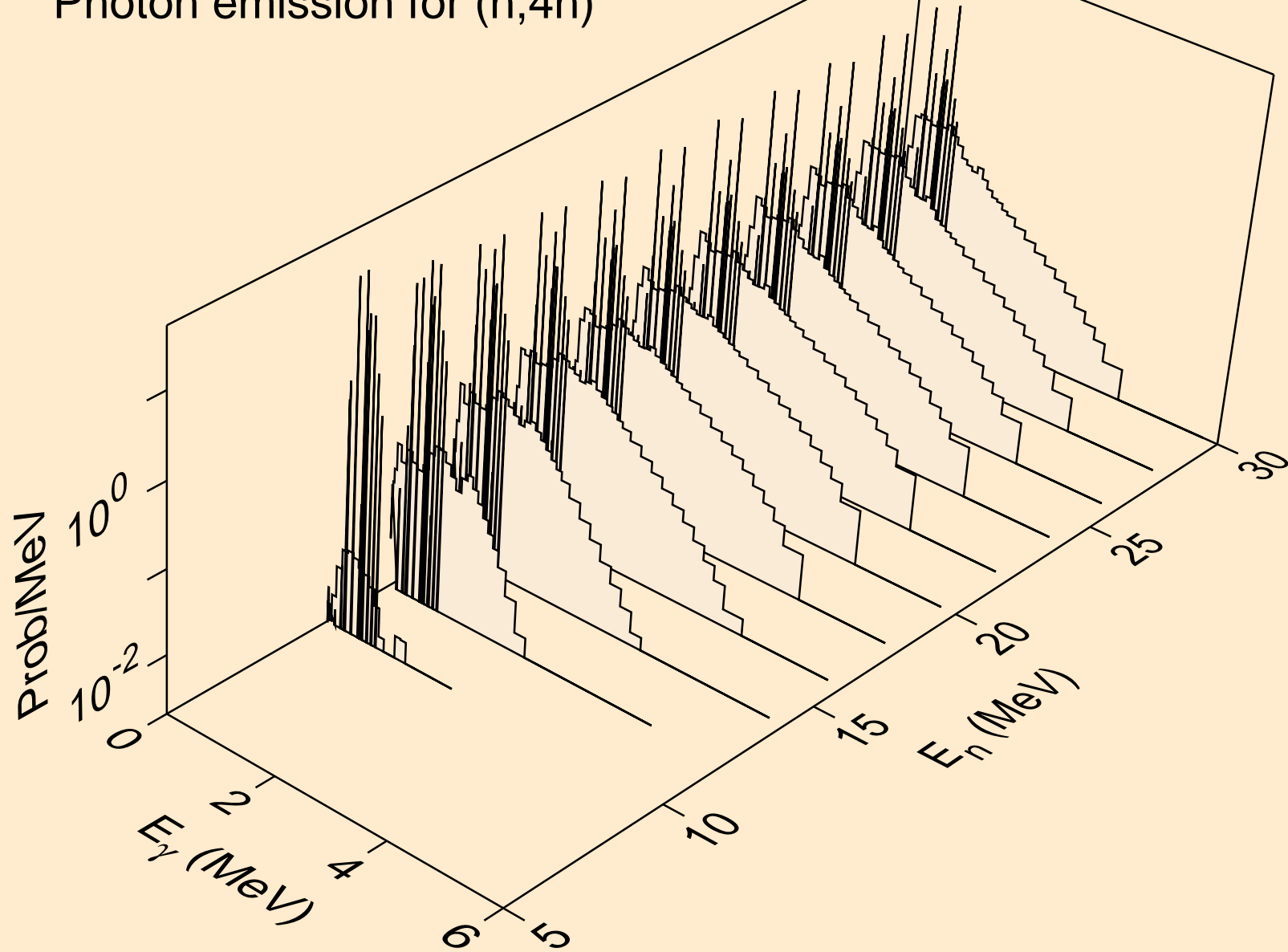
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



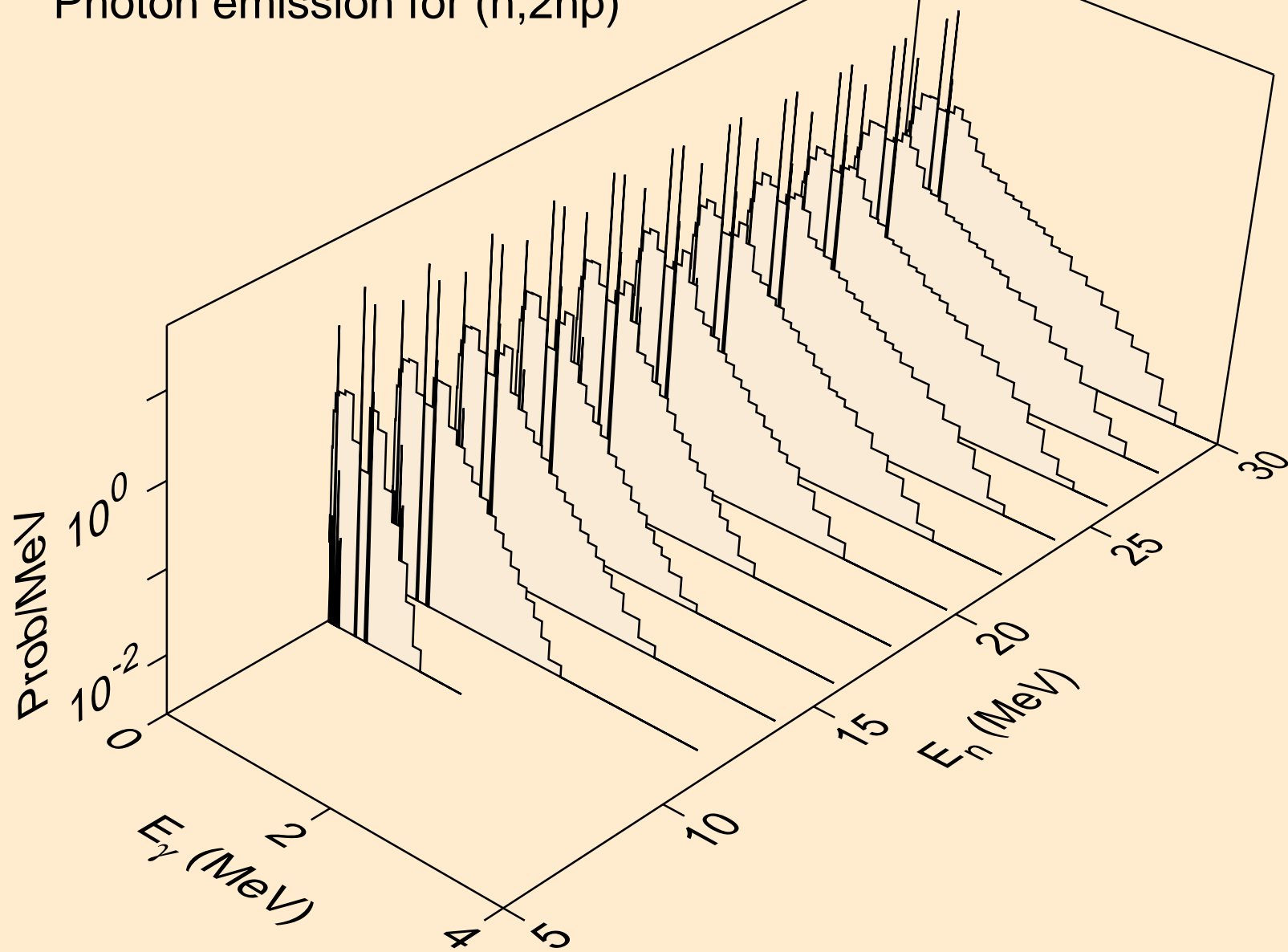
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

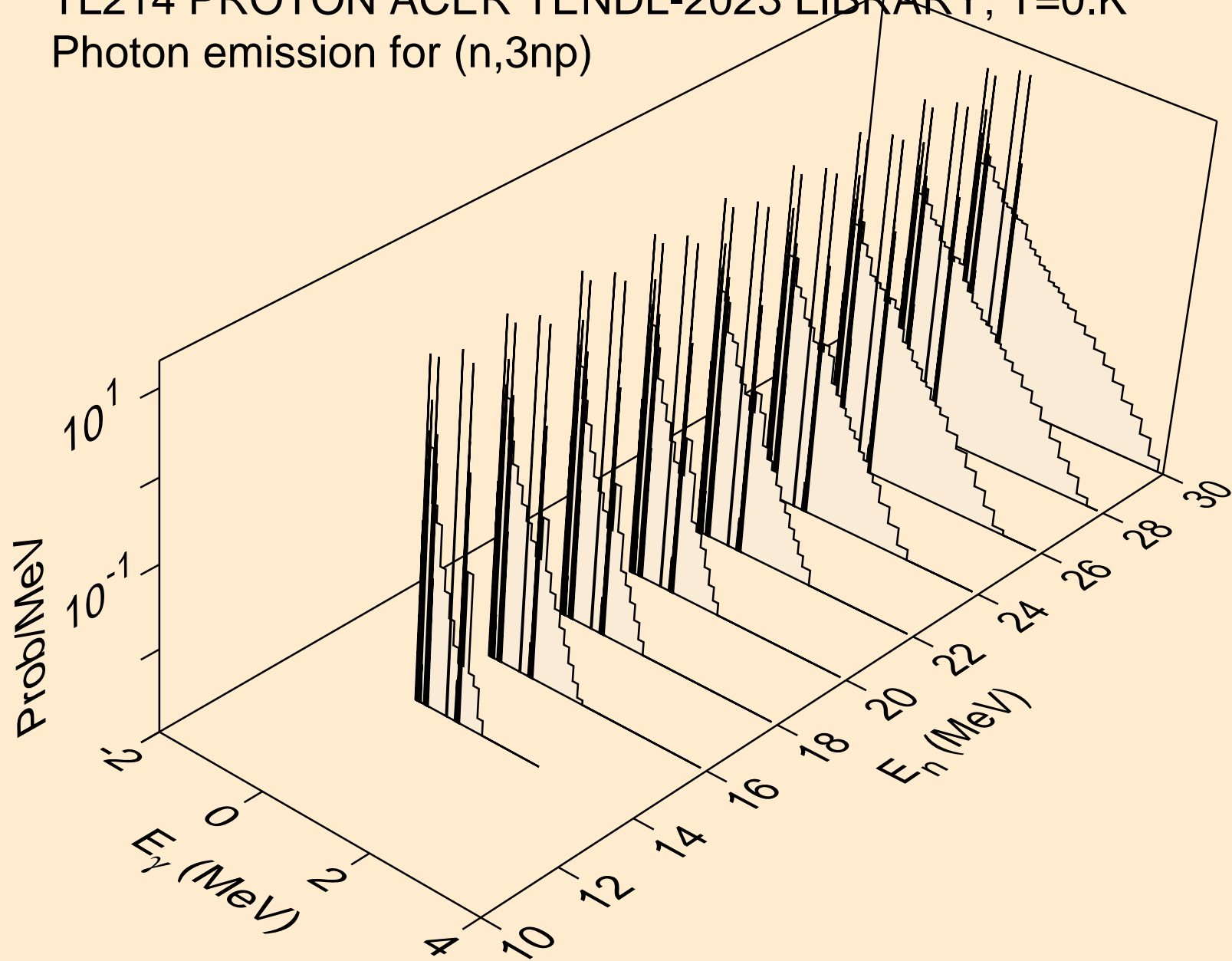


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

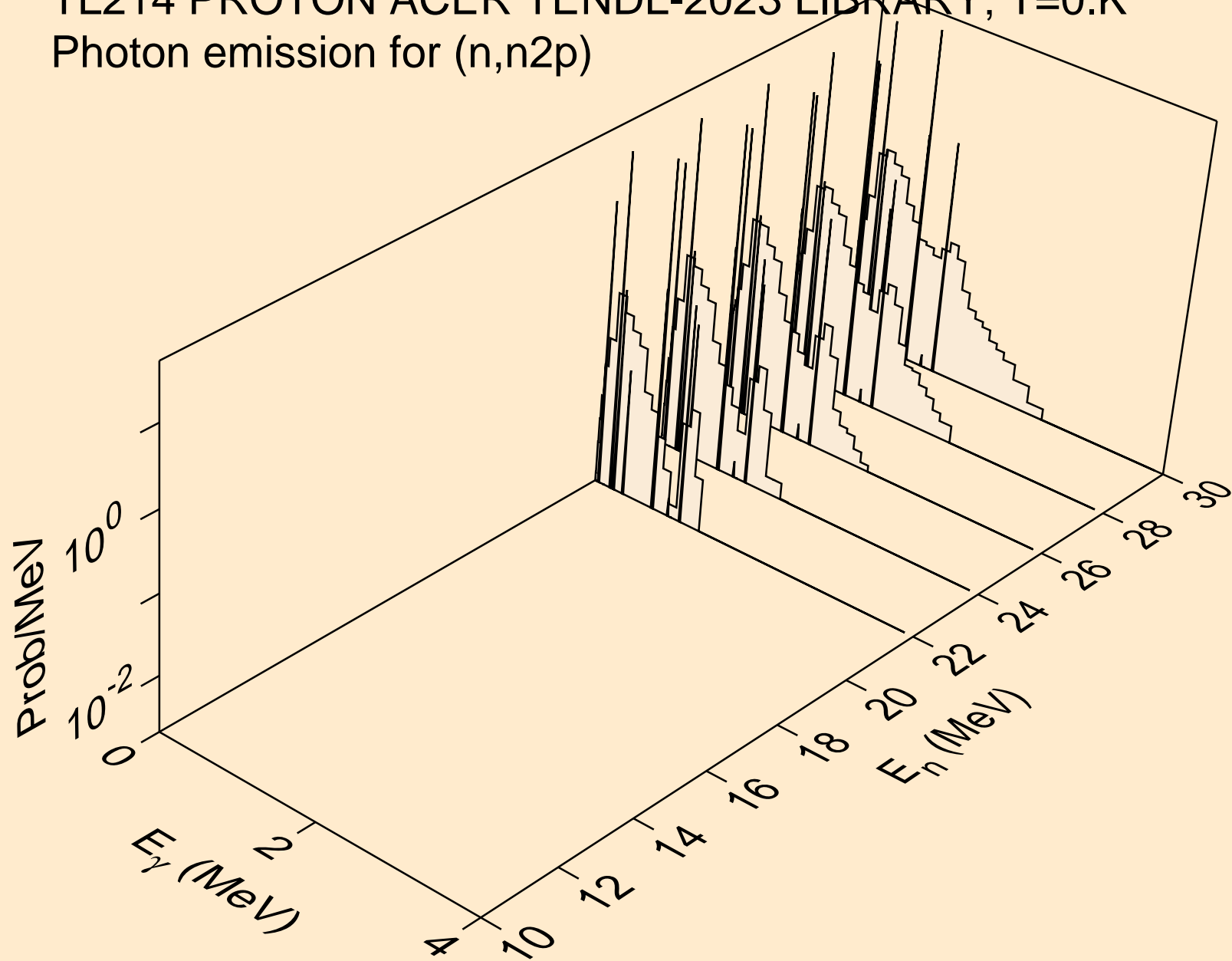




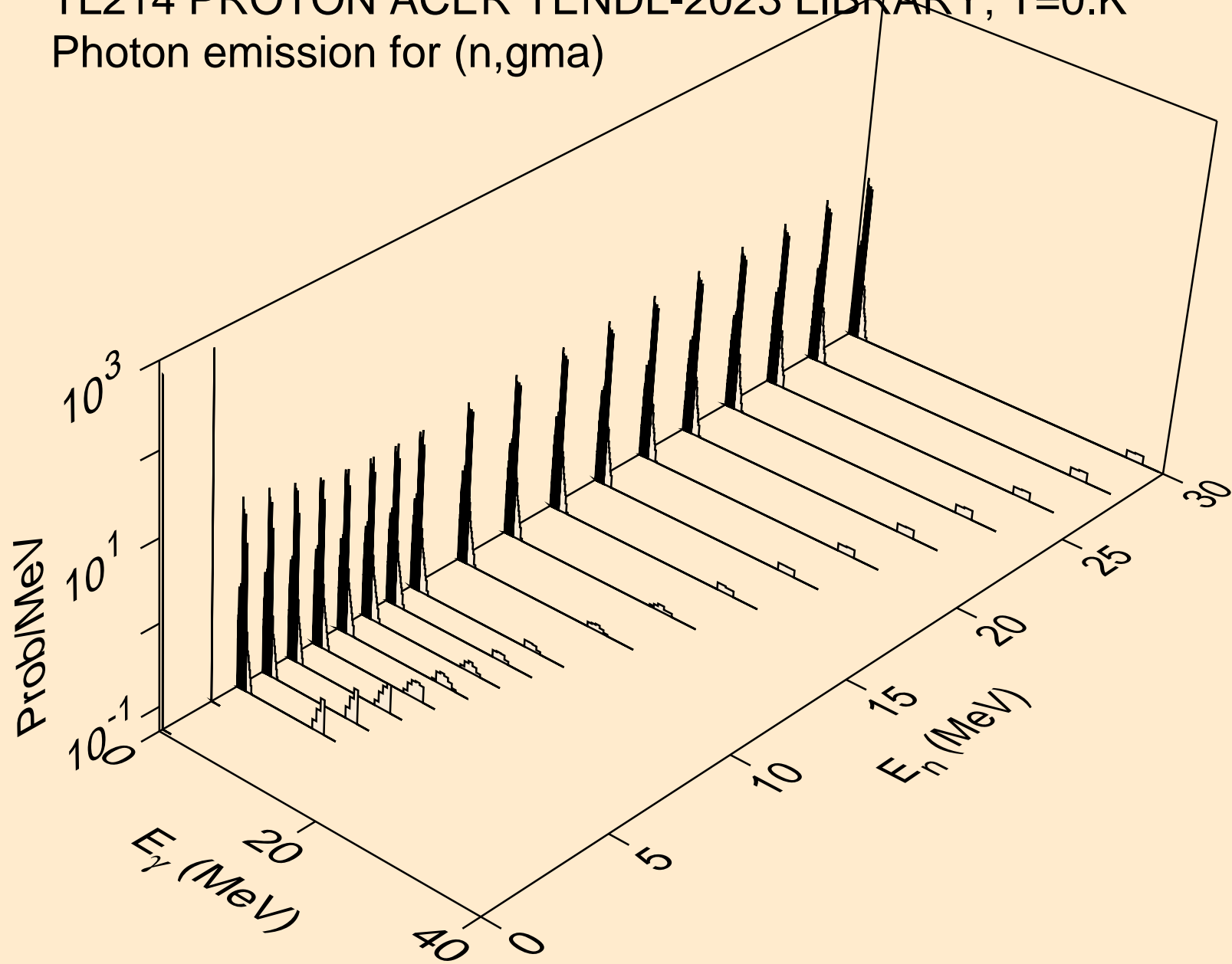
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Photon emission for (n,3np)



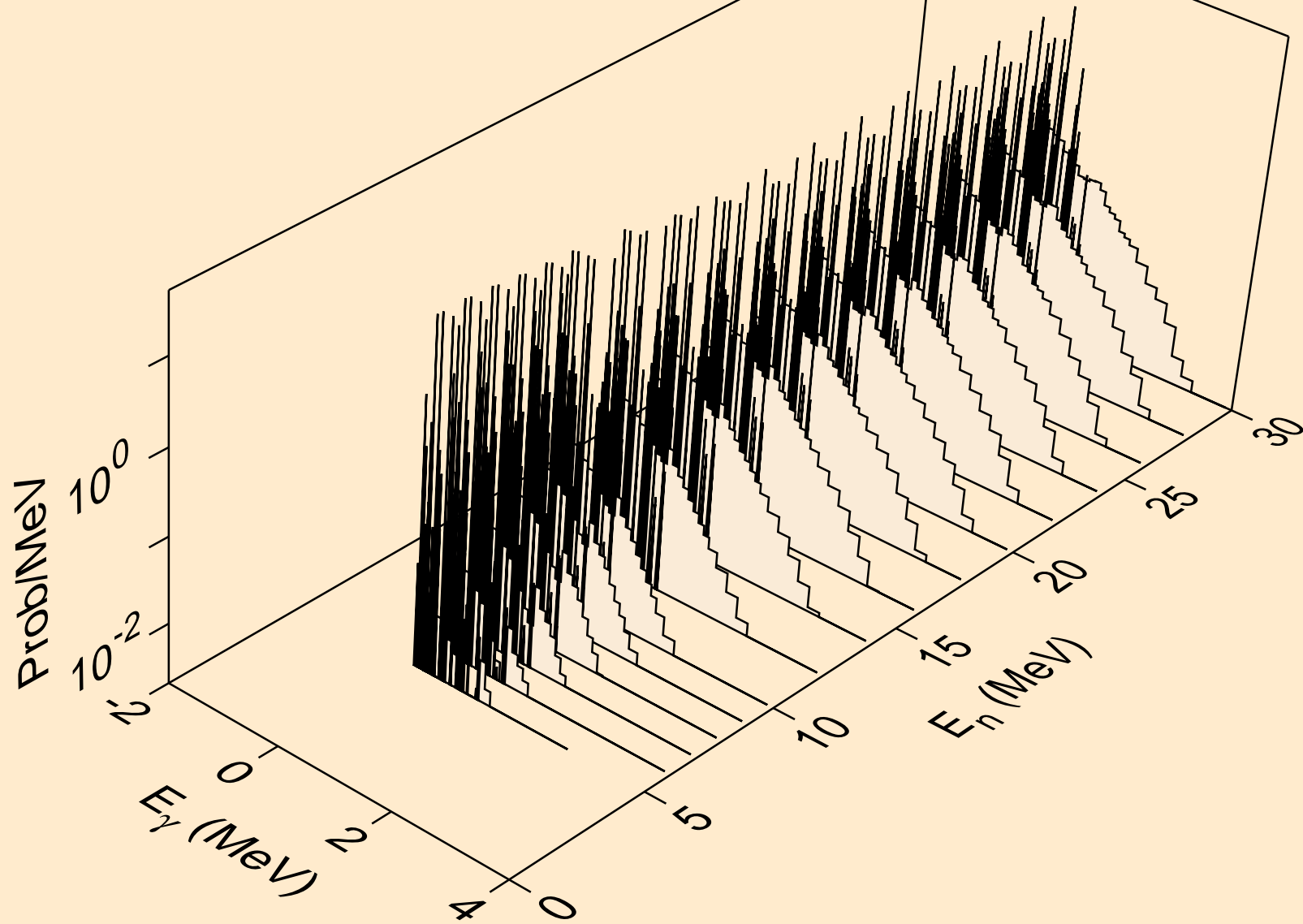
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



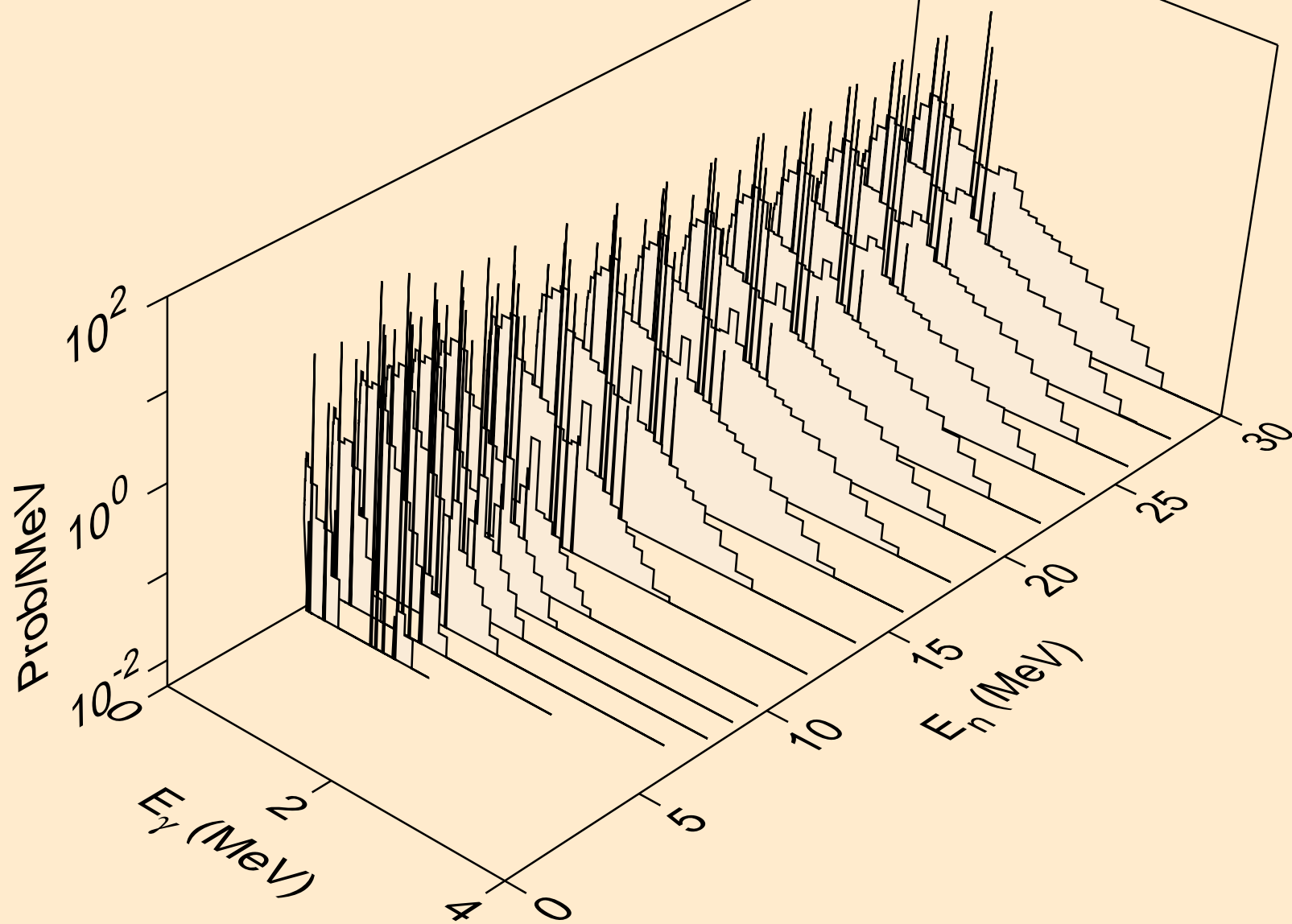
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



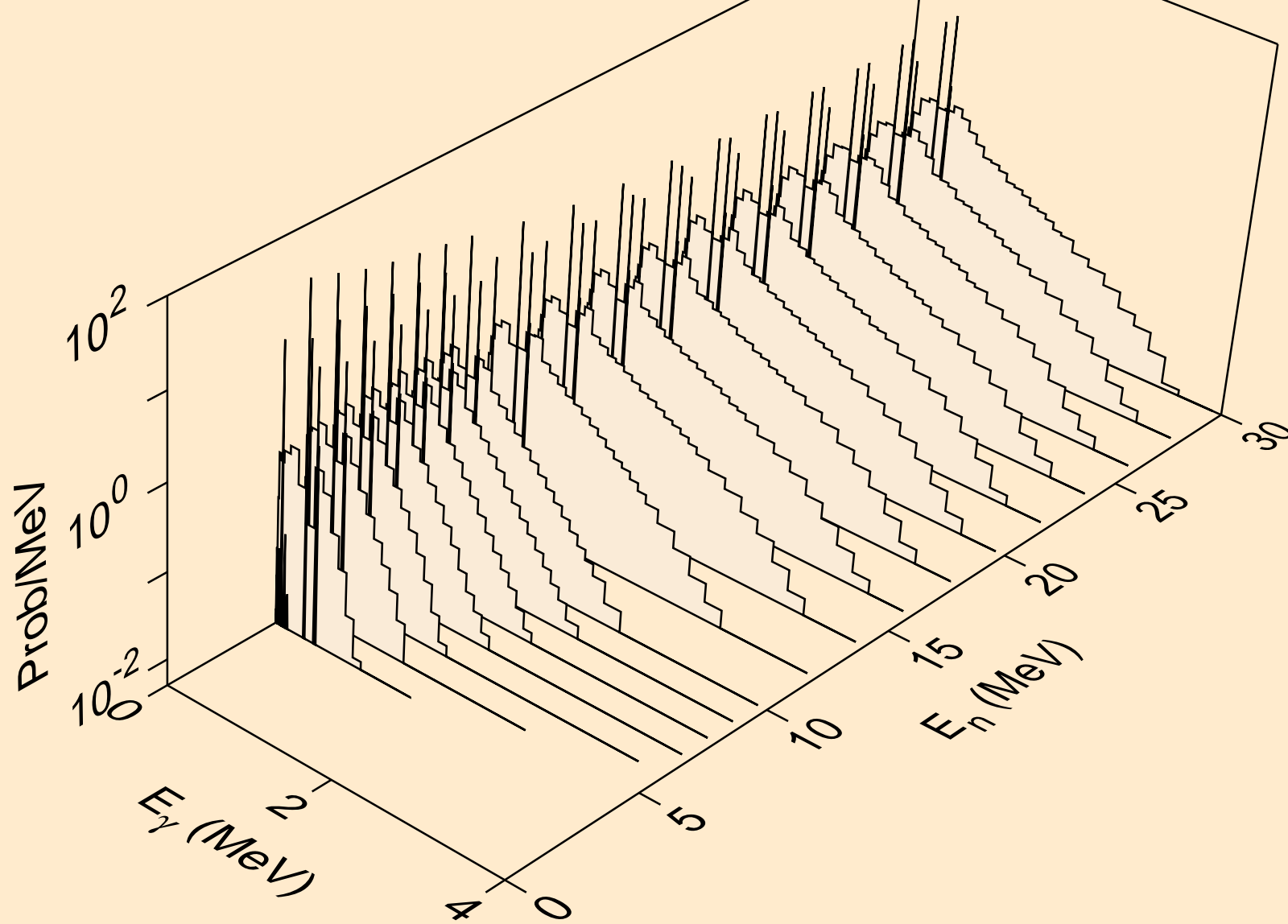
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



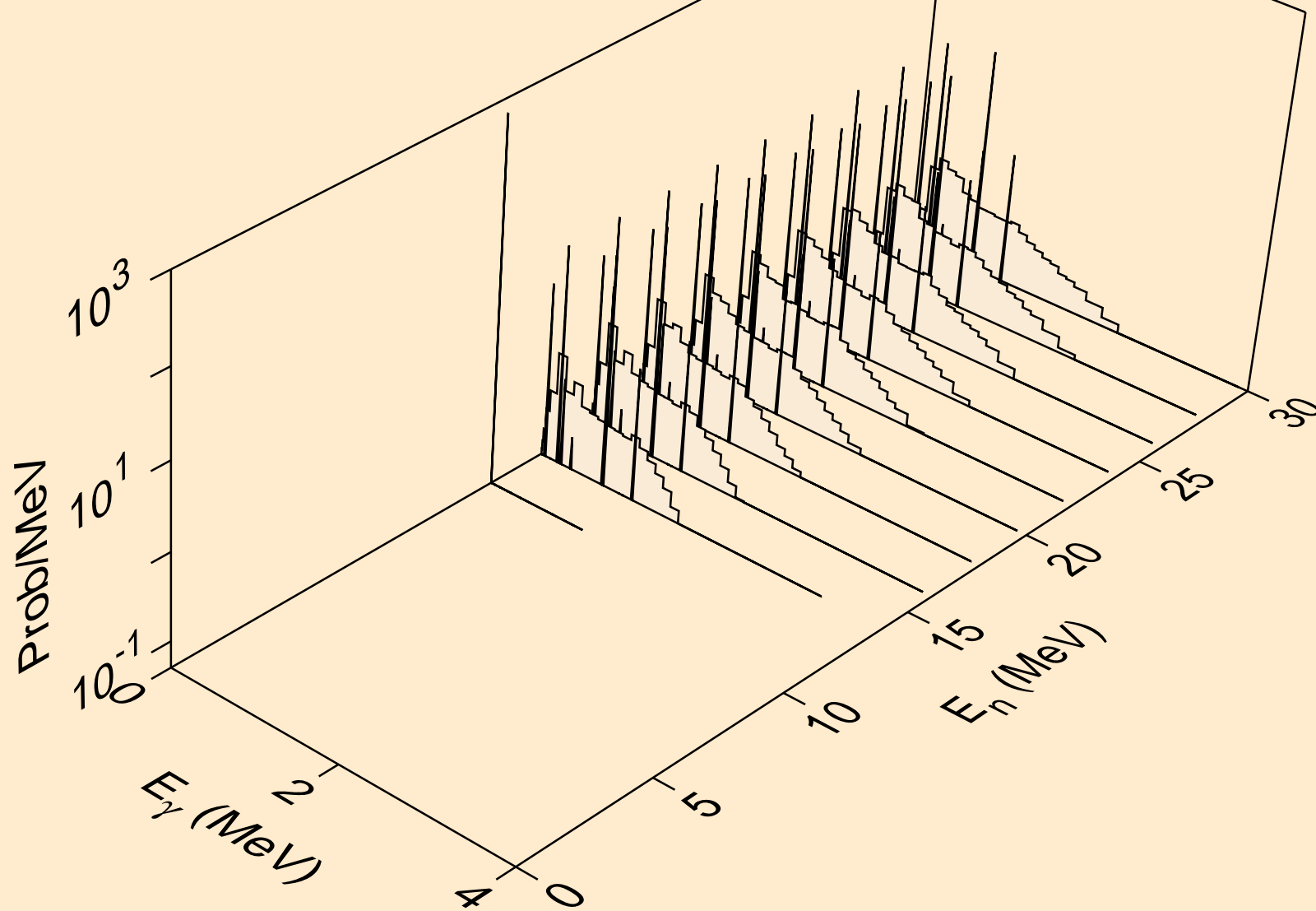
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



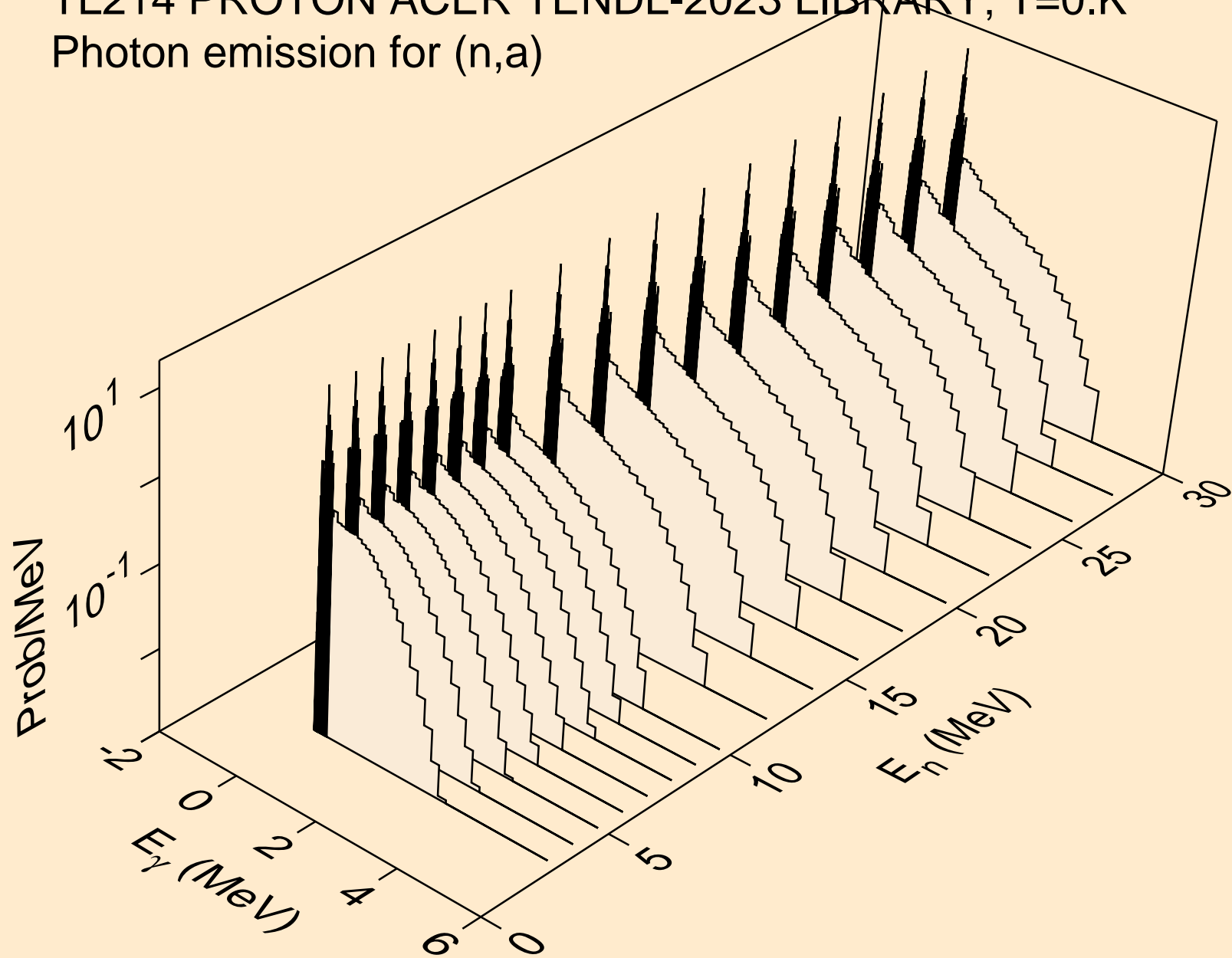
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

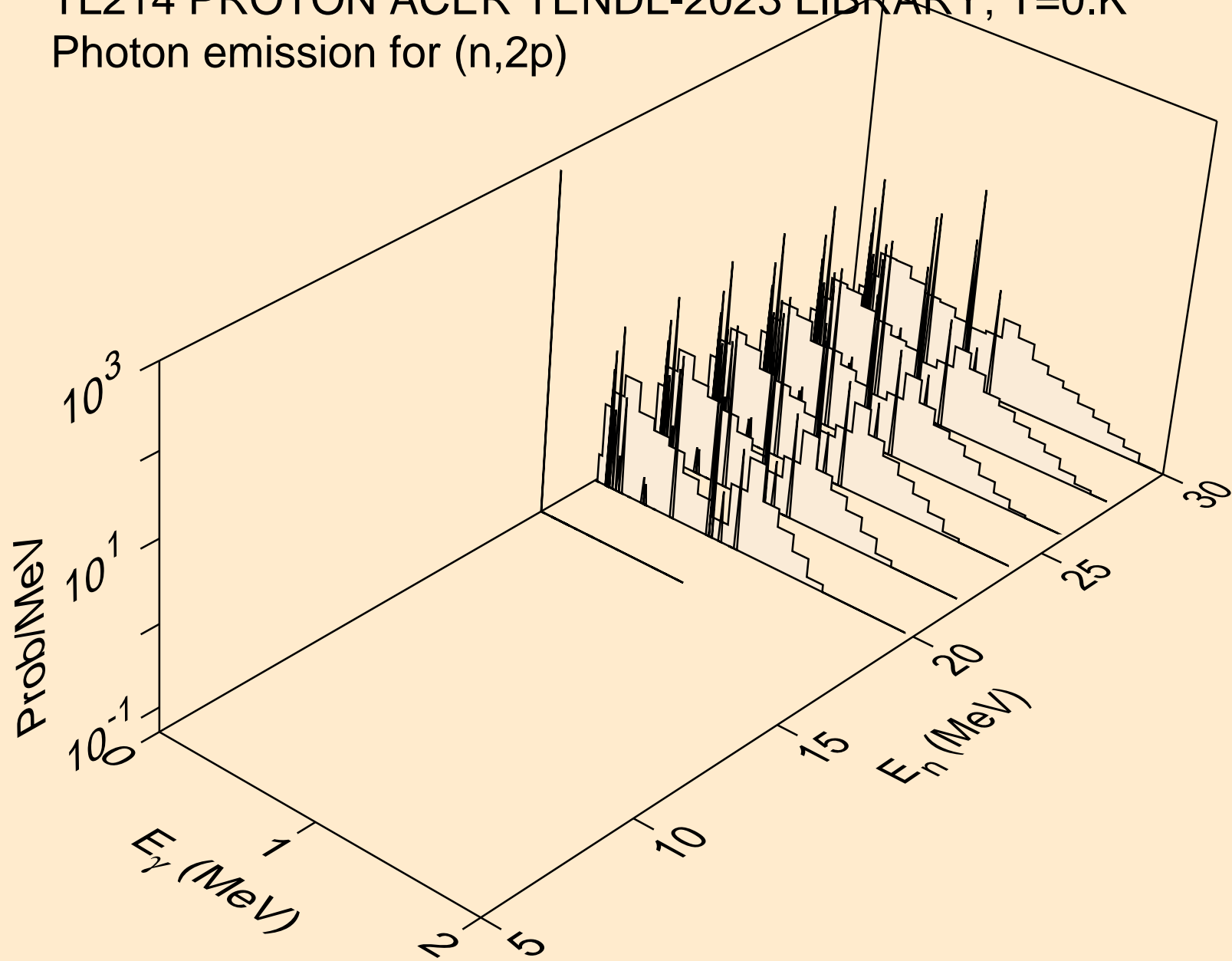


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

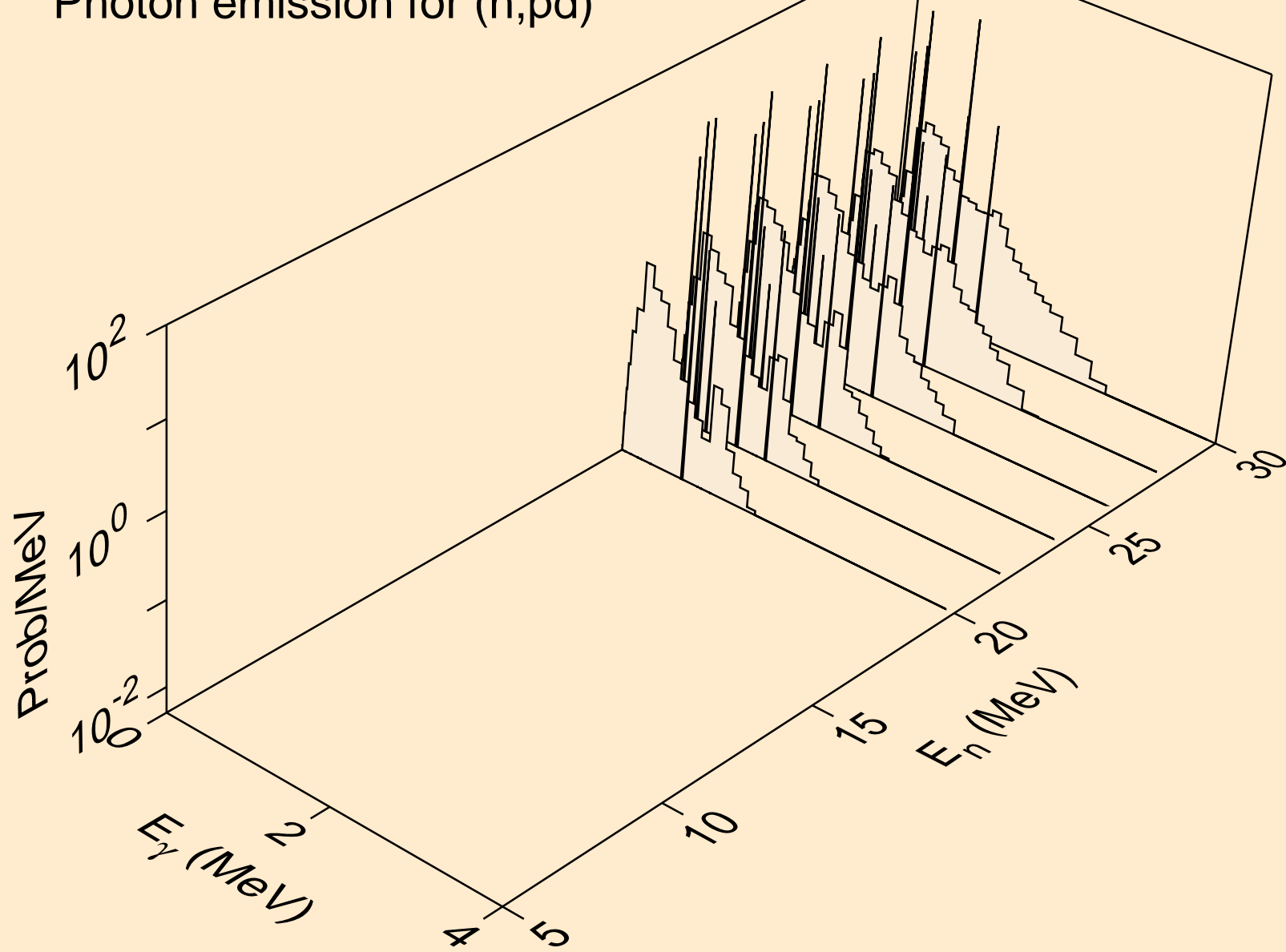




TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

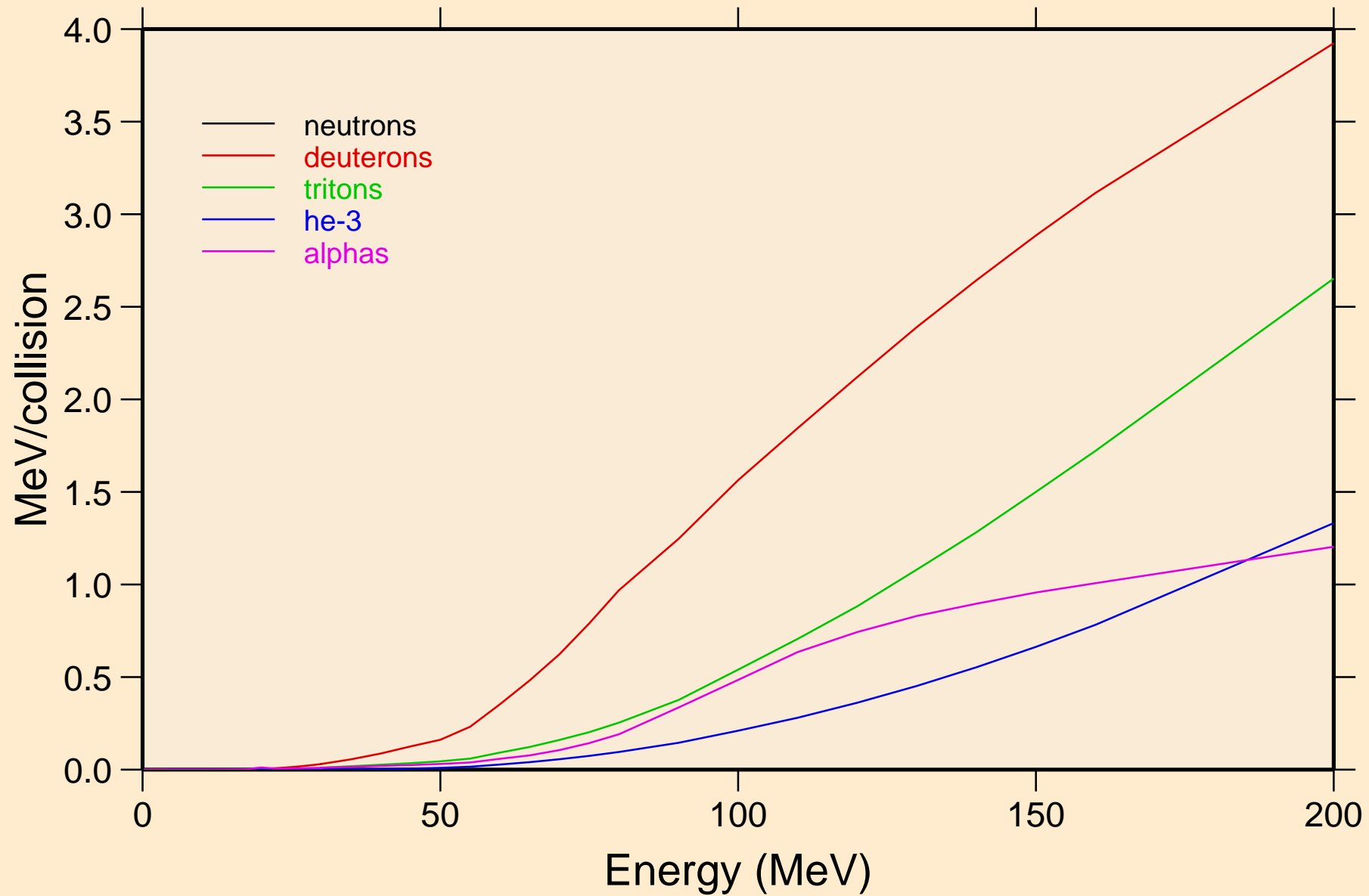


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

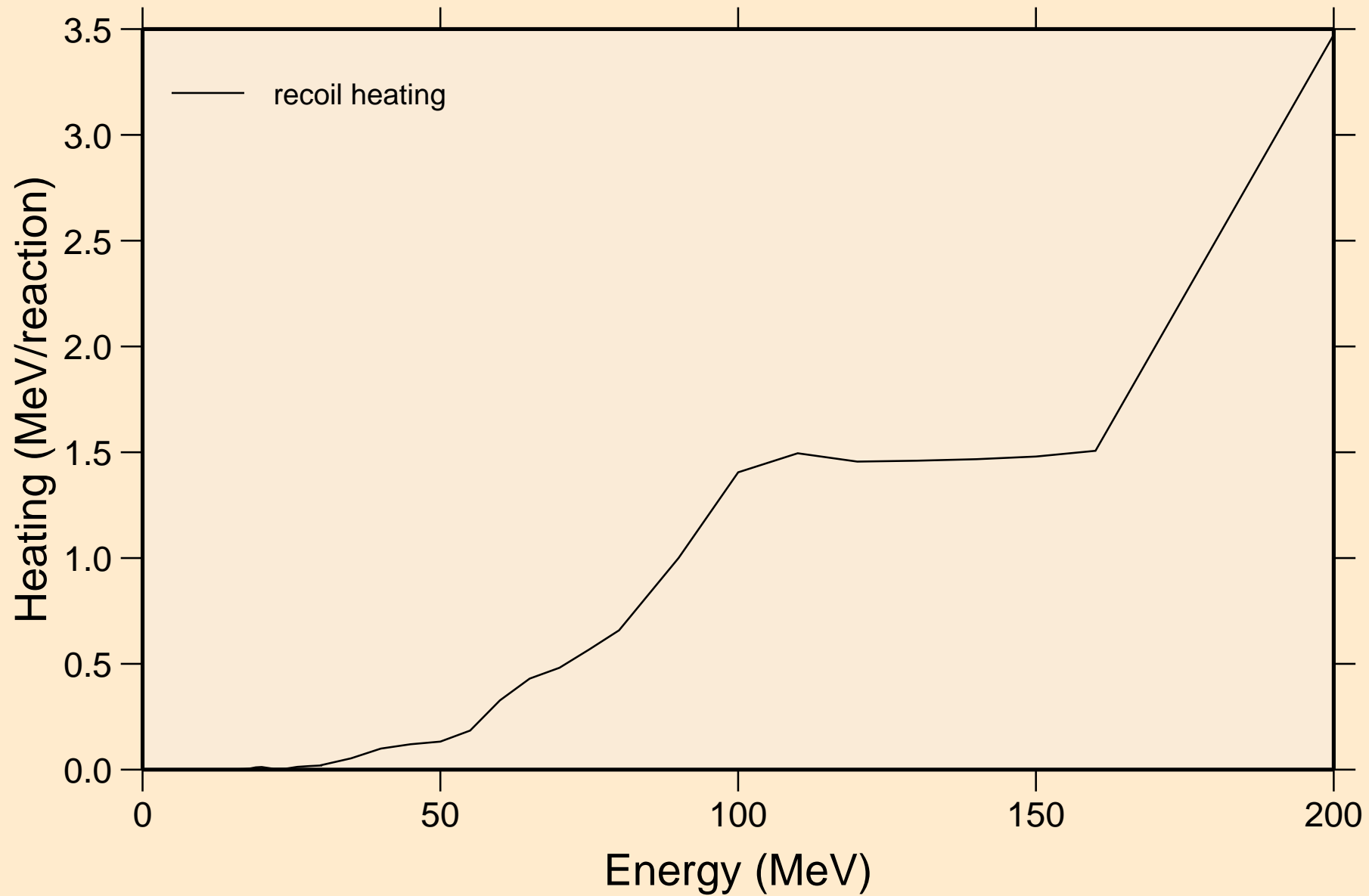


# TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K

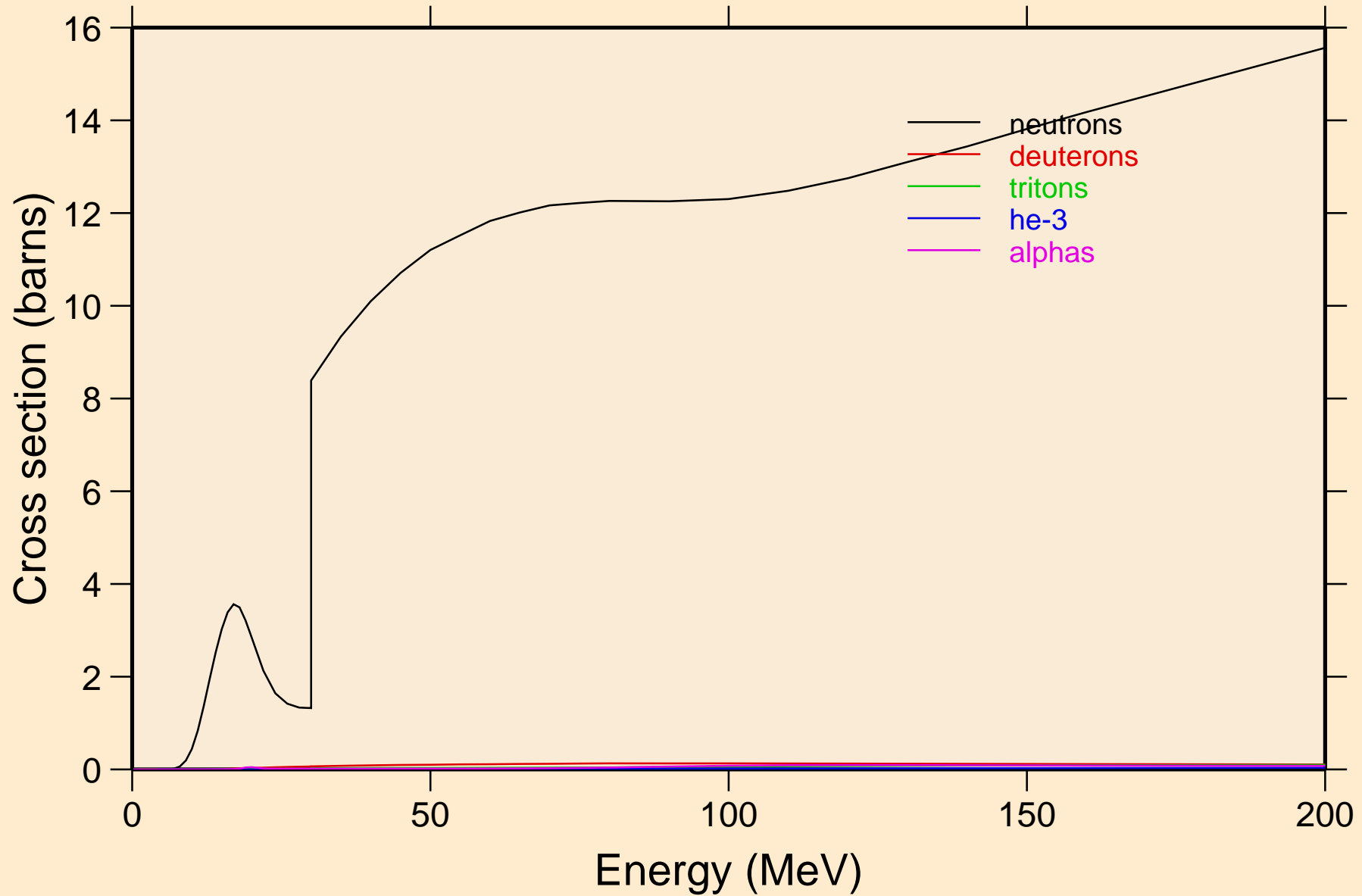
## Particle heating contributions



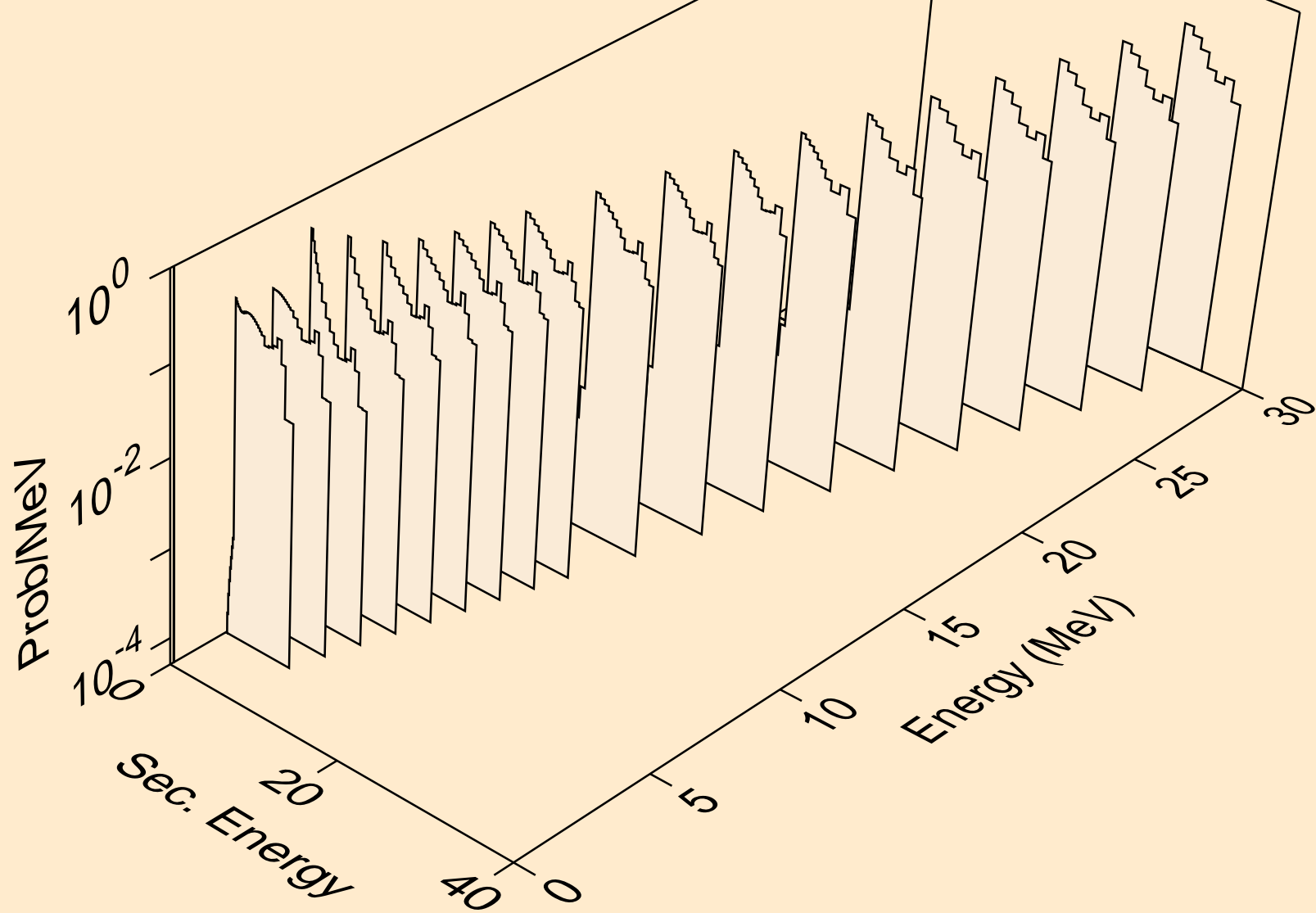
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



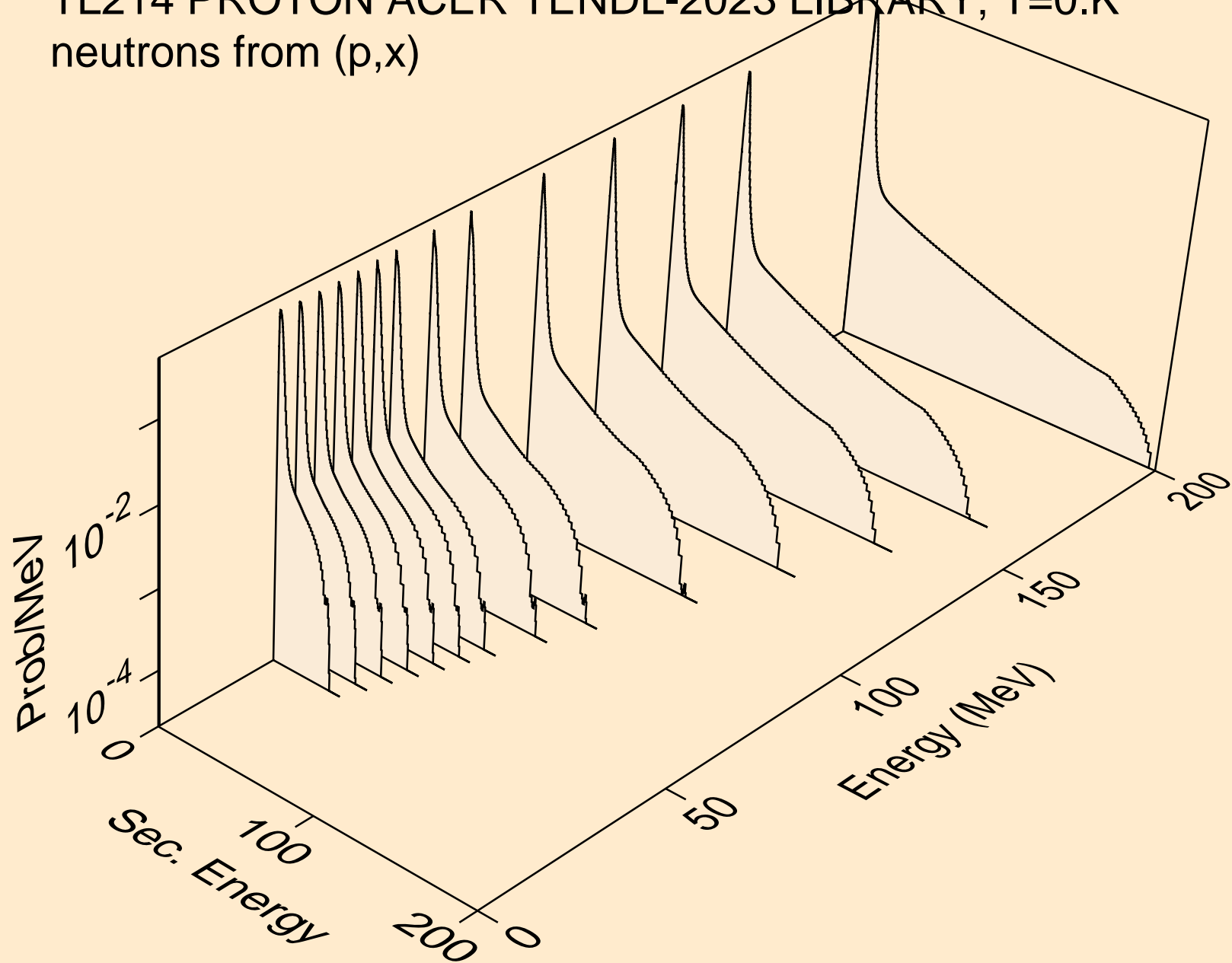
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



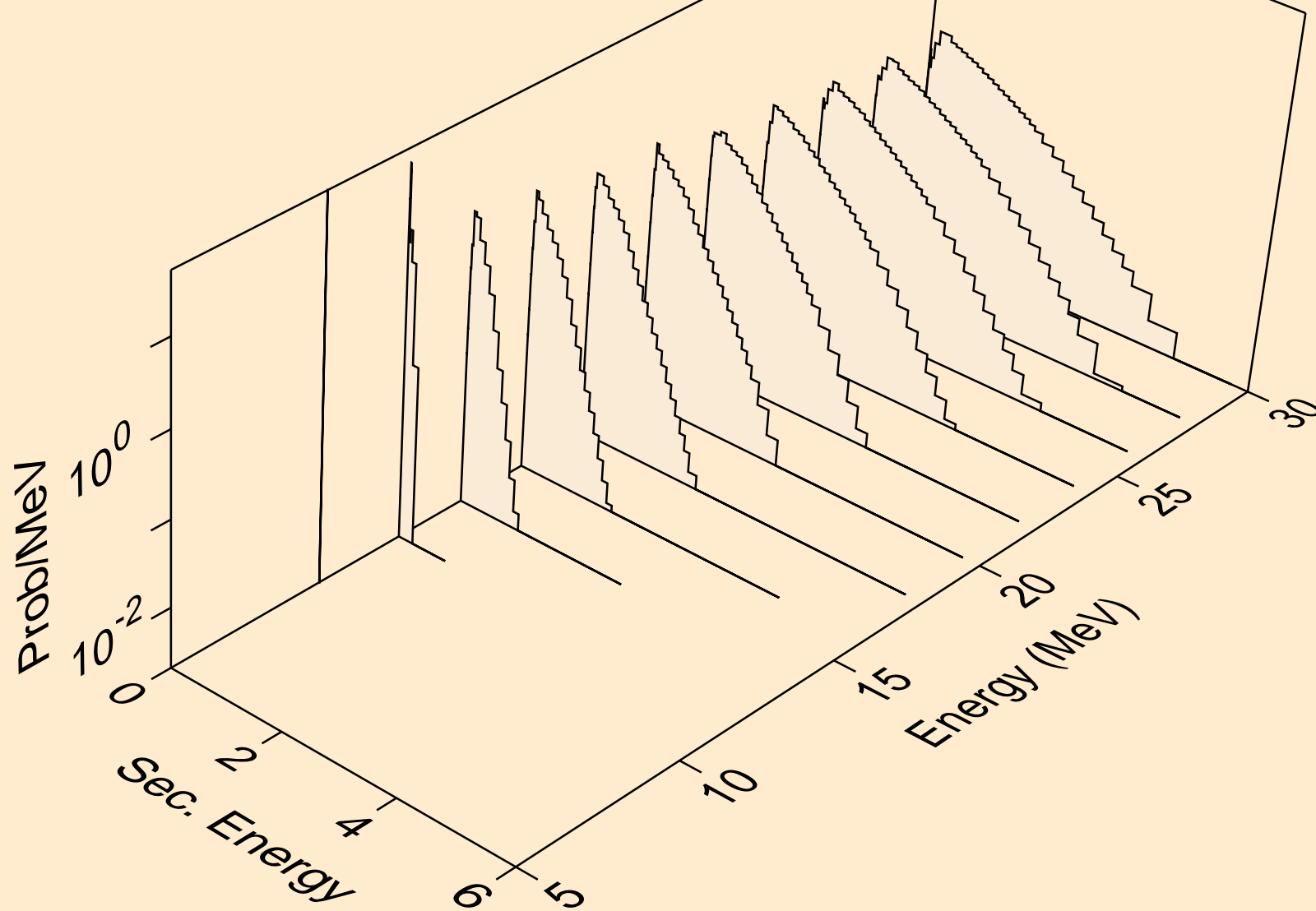
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

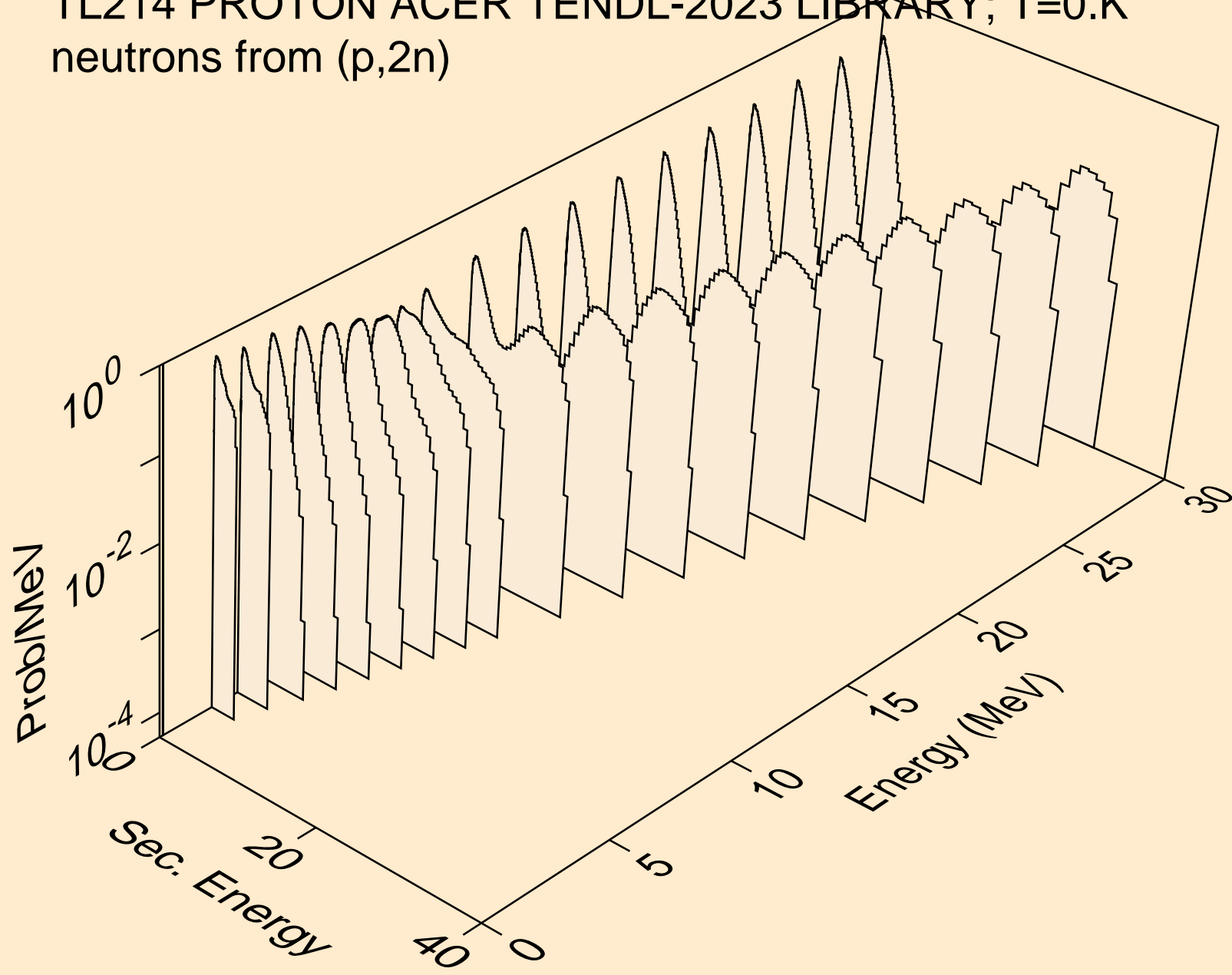


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

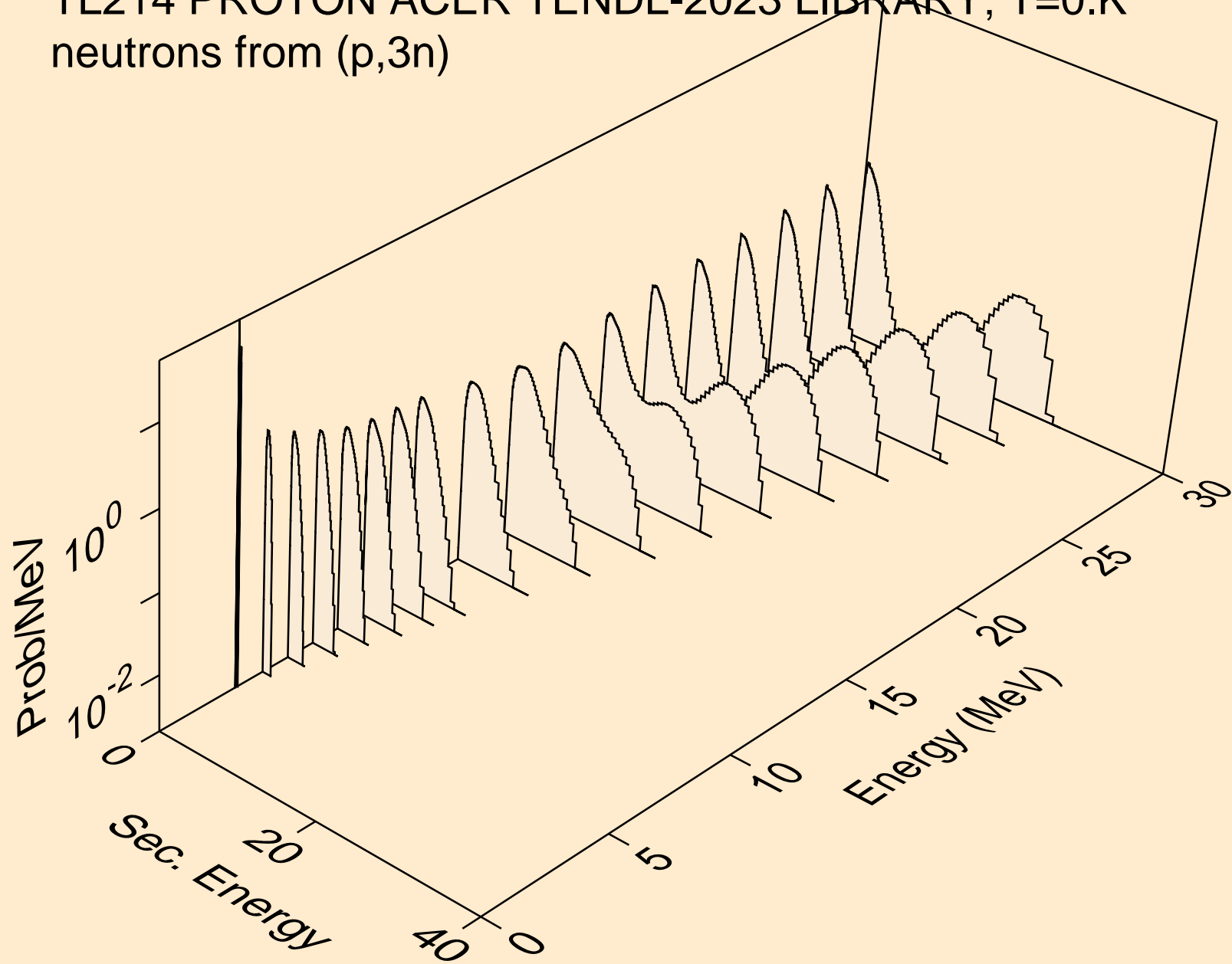




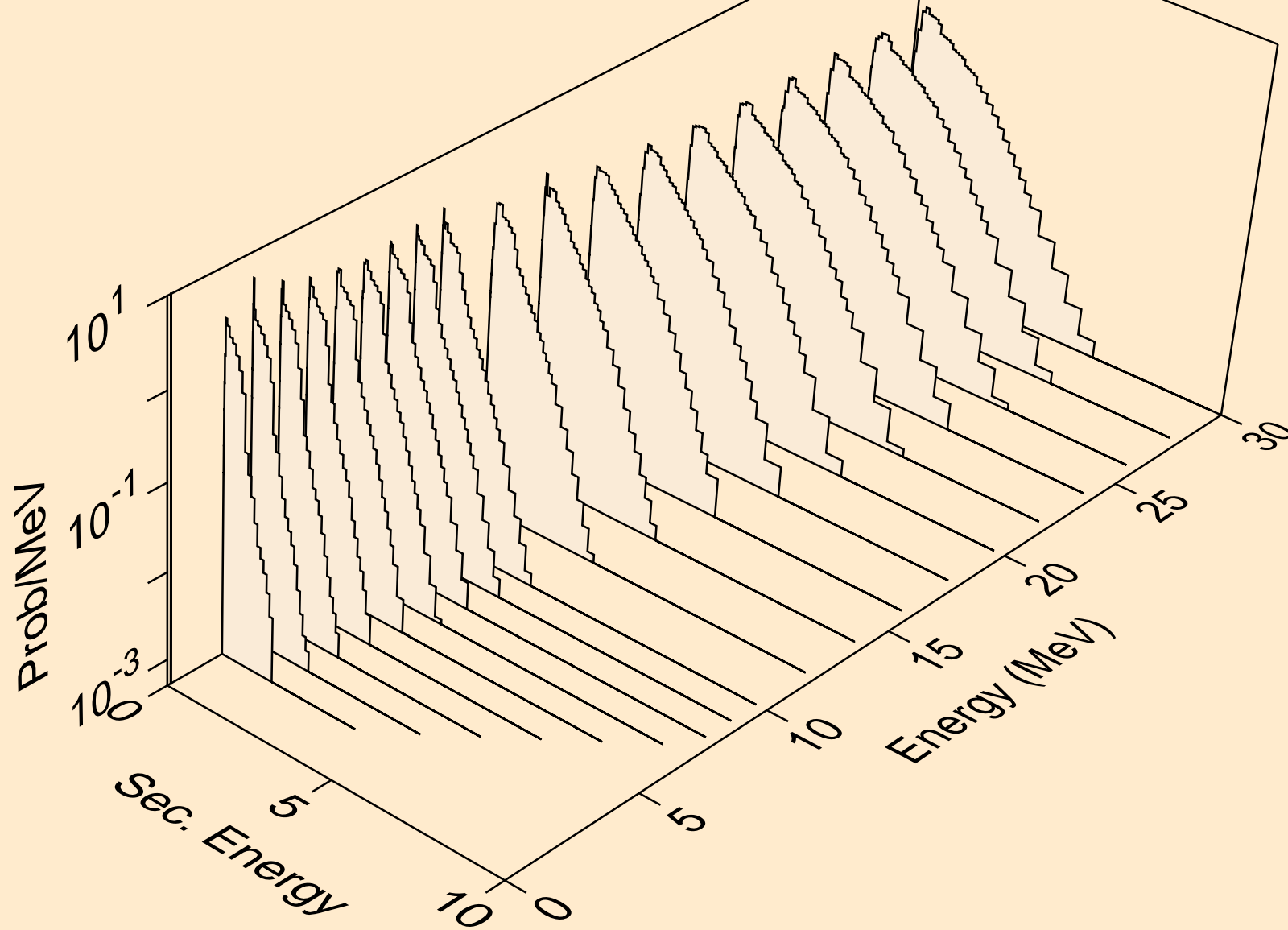
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



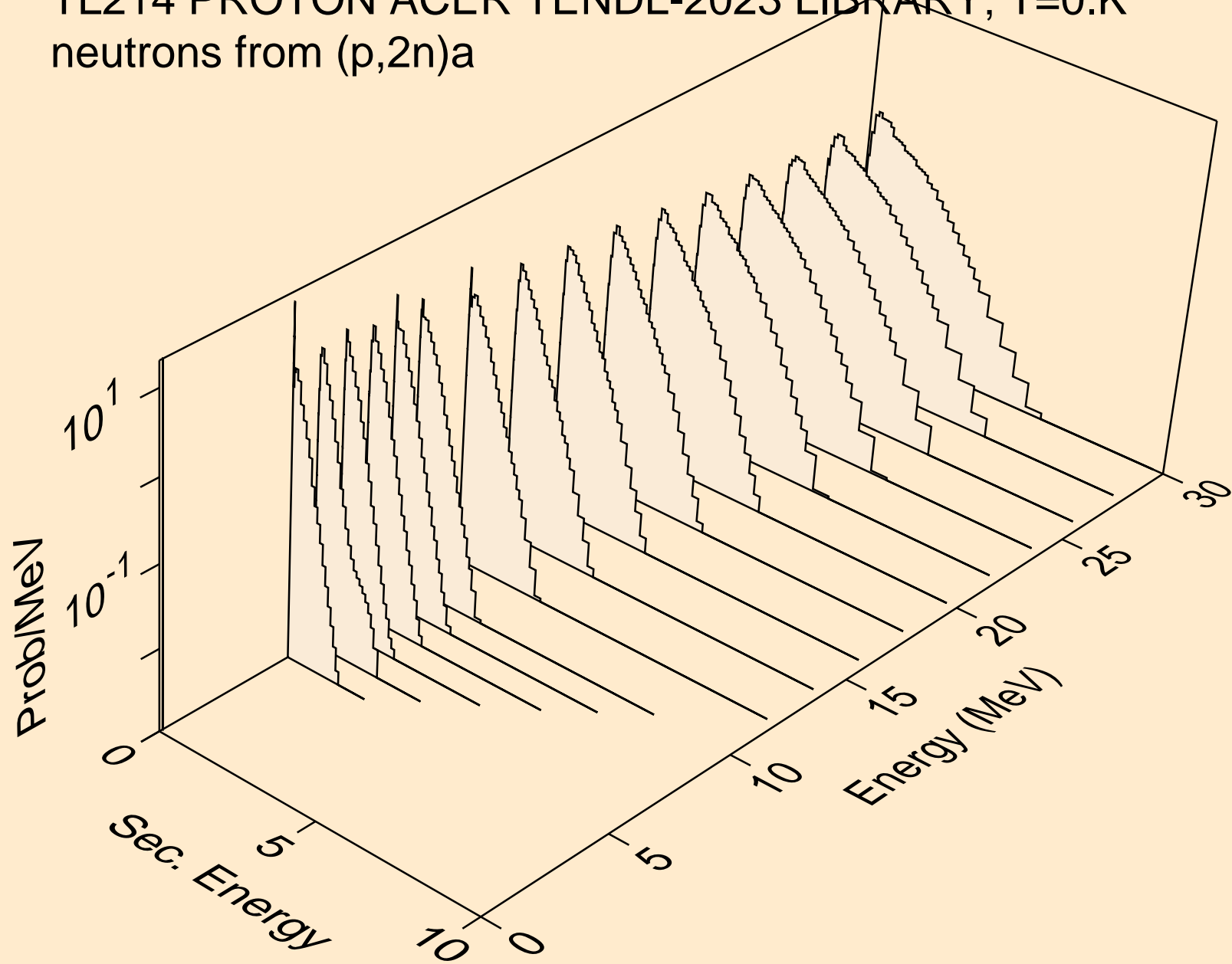
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



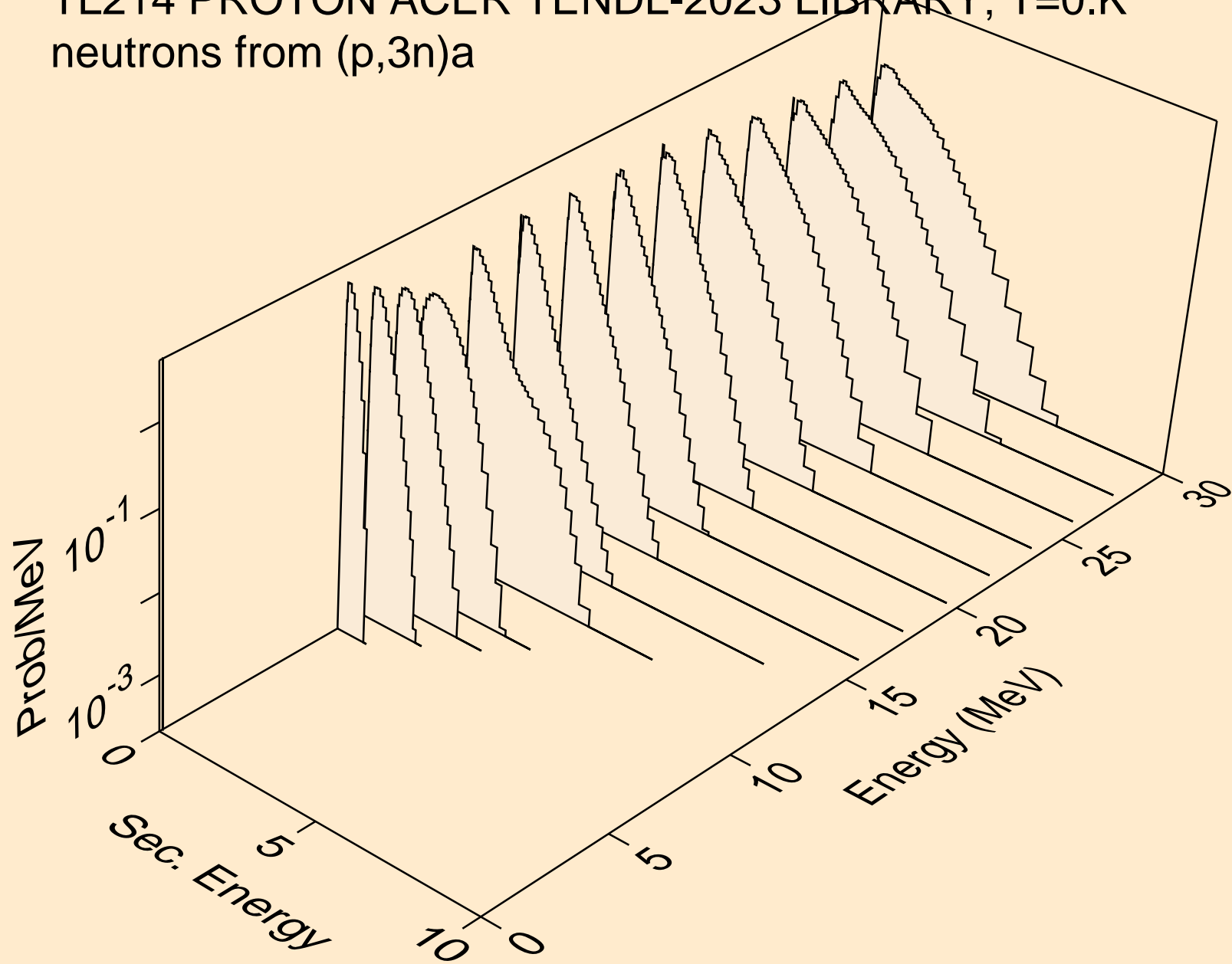
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



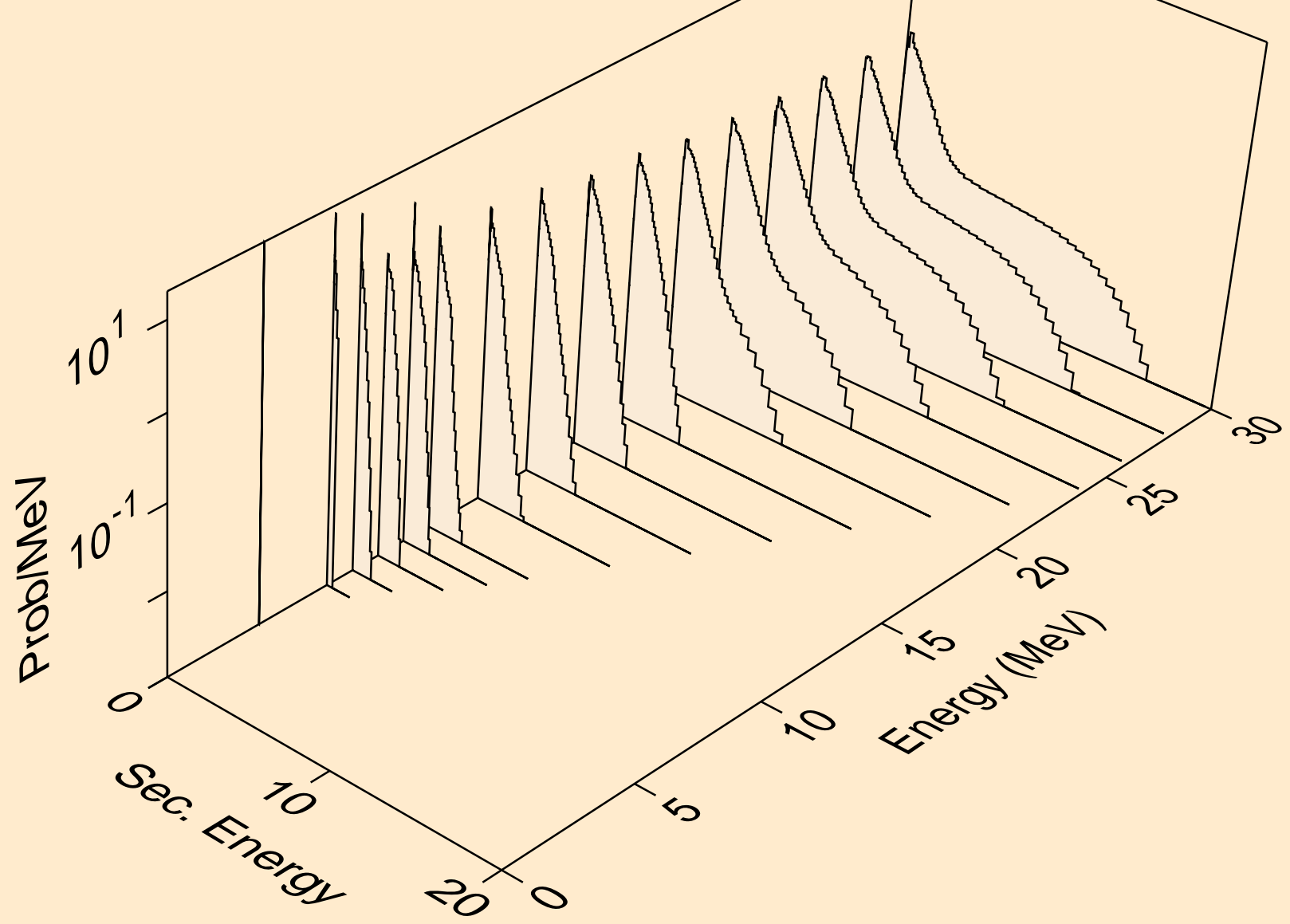
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



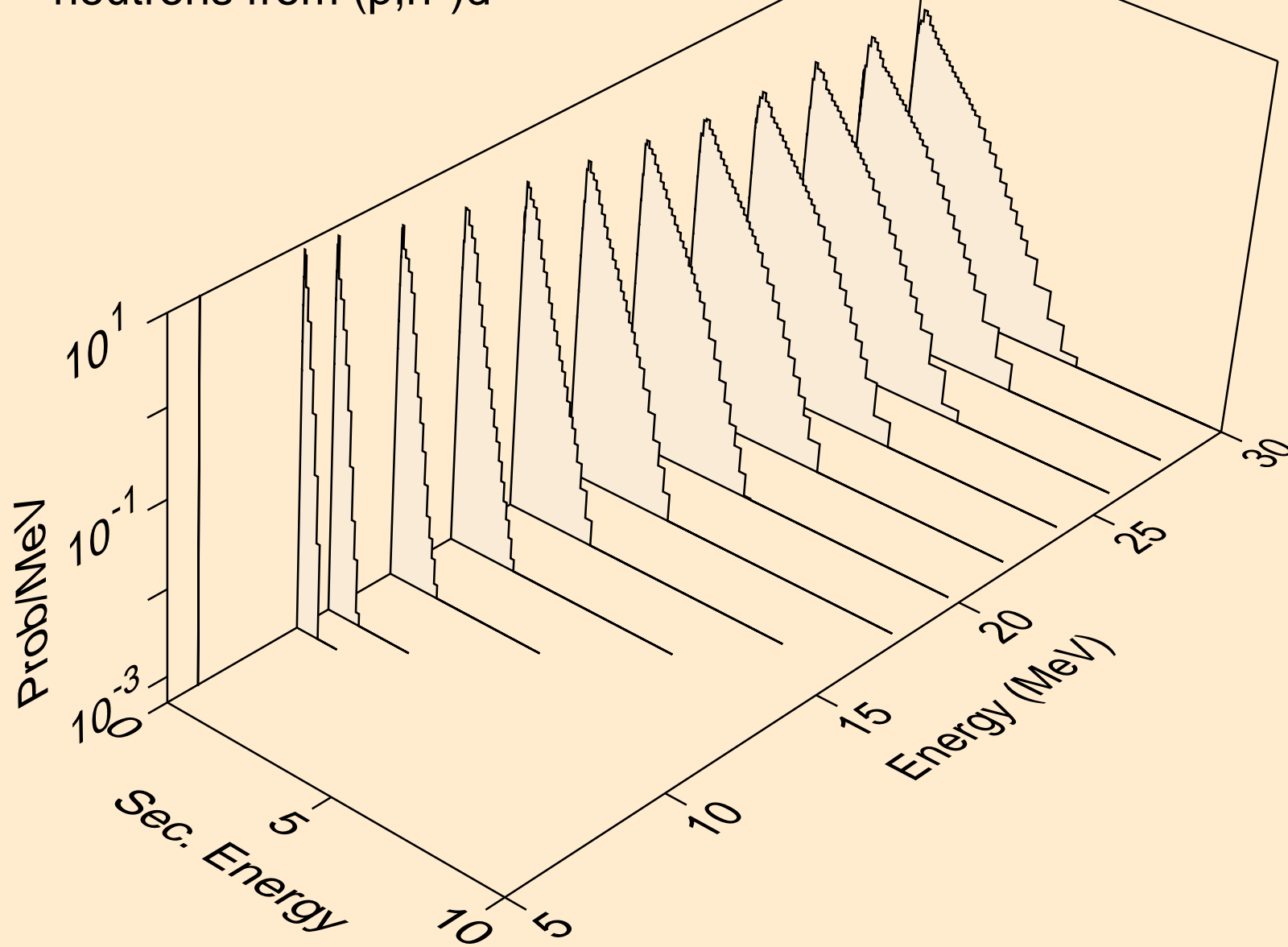
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



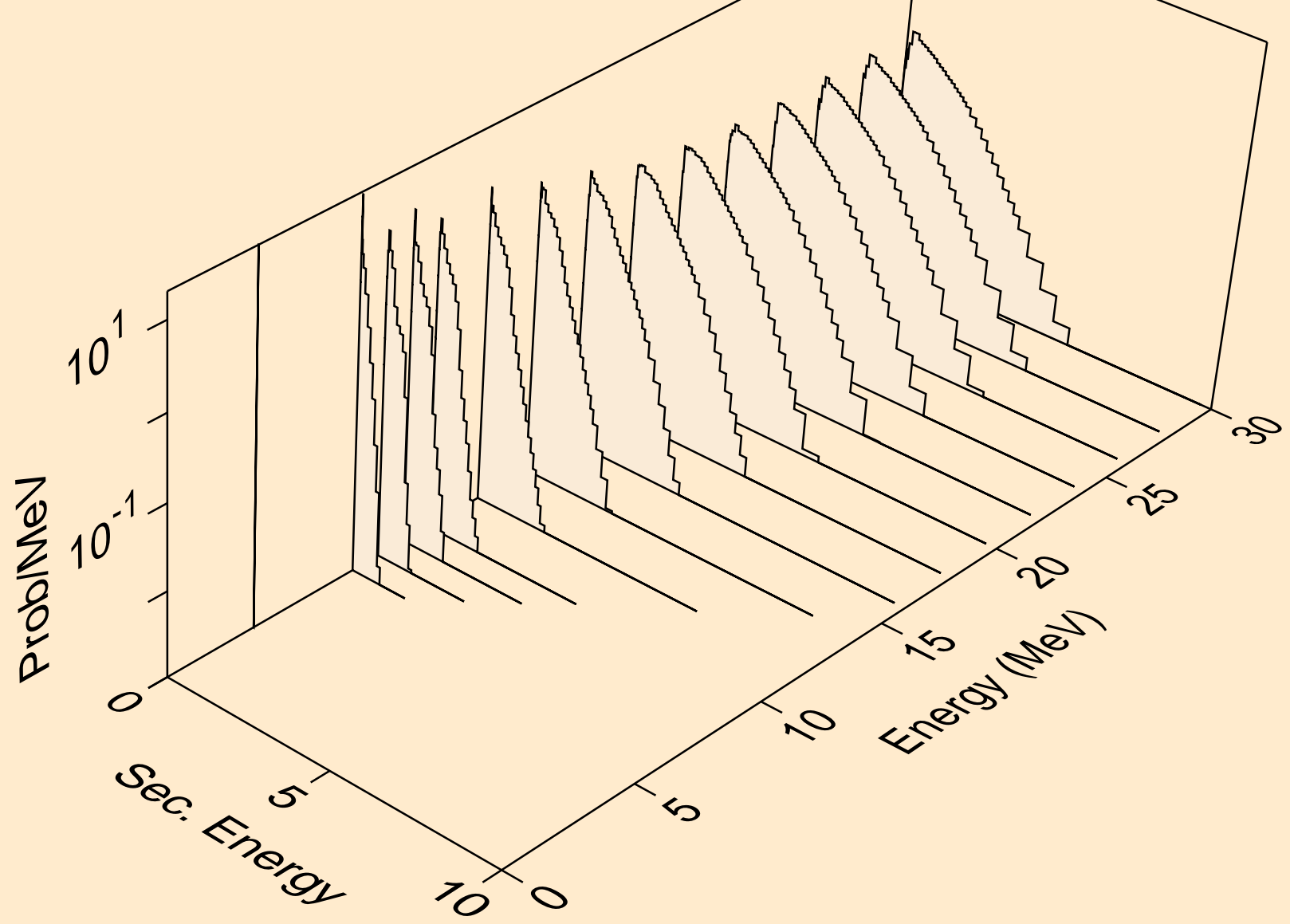
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

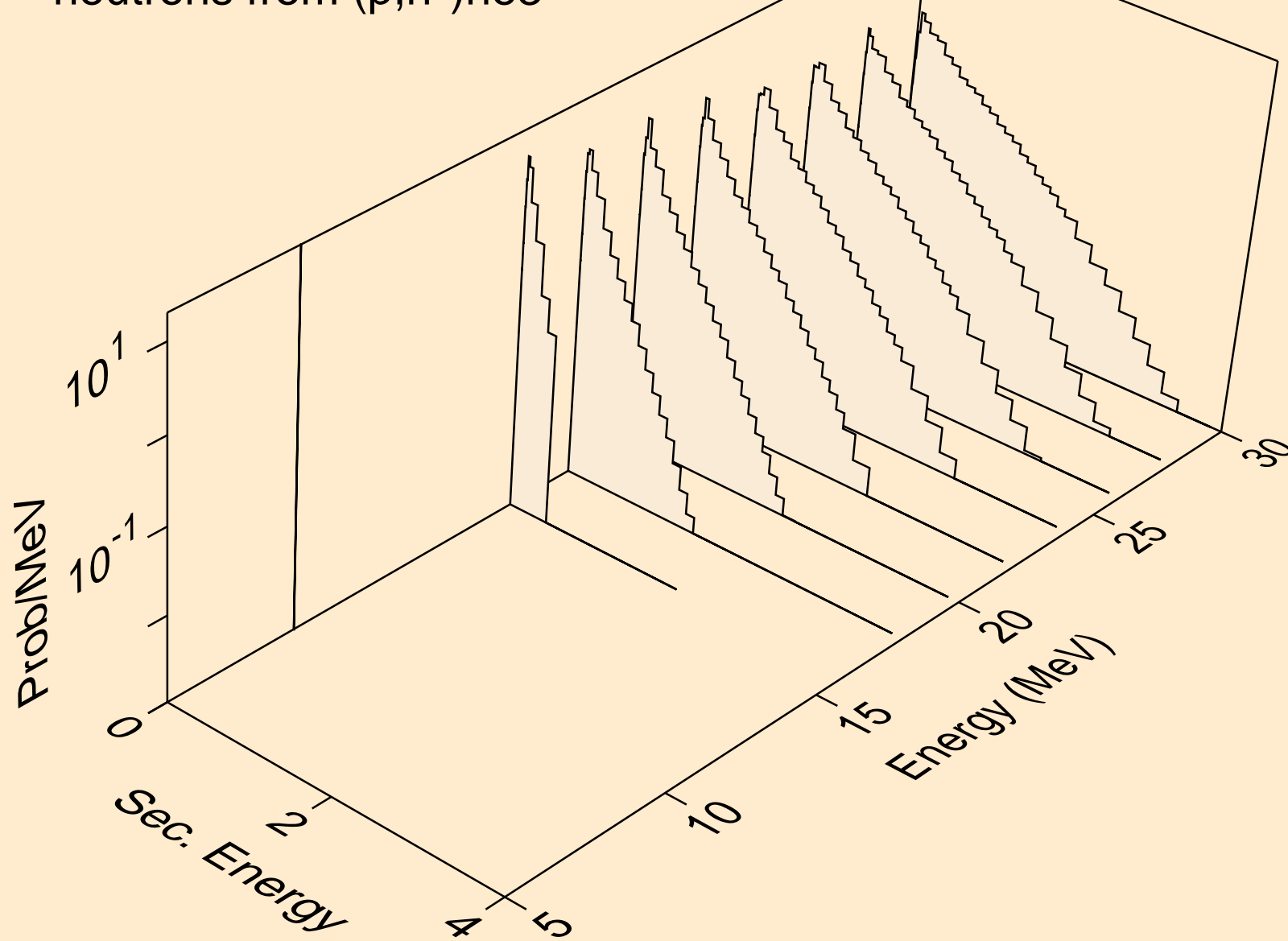


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

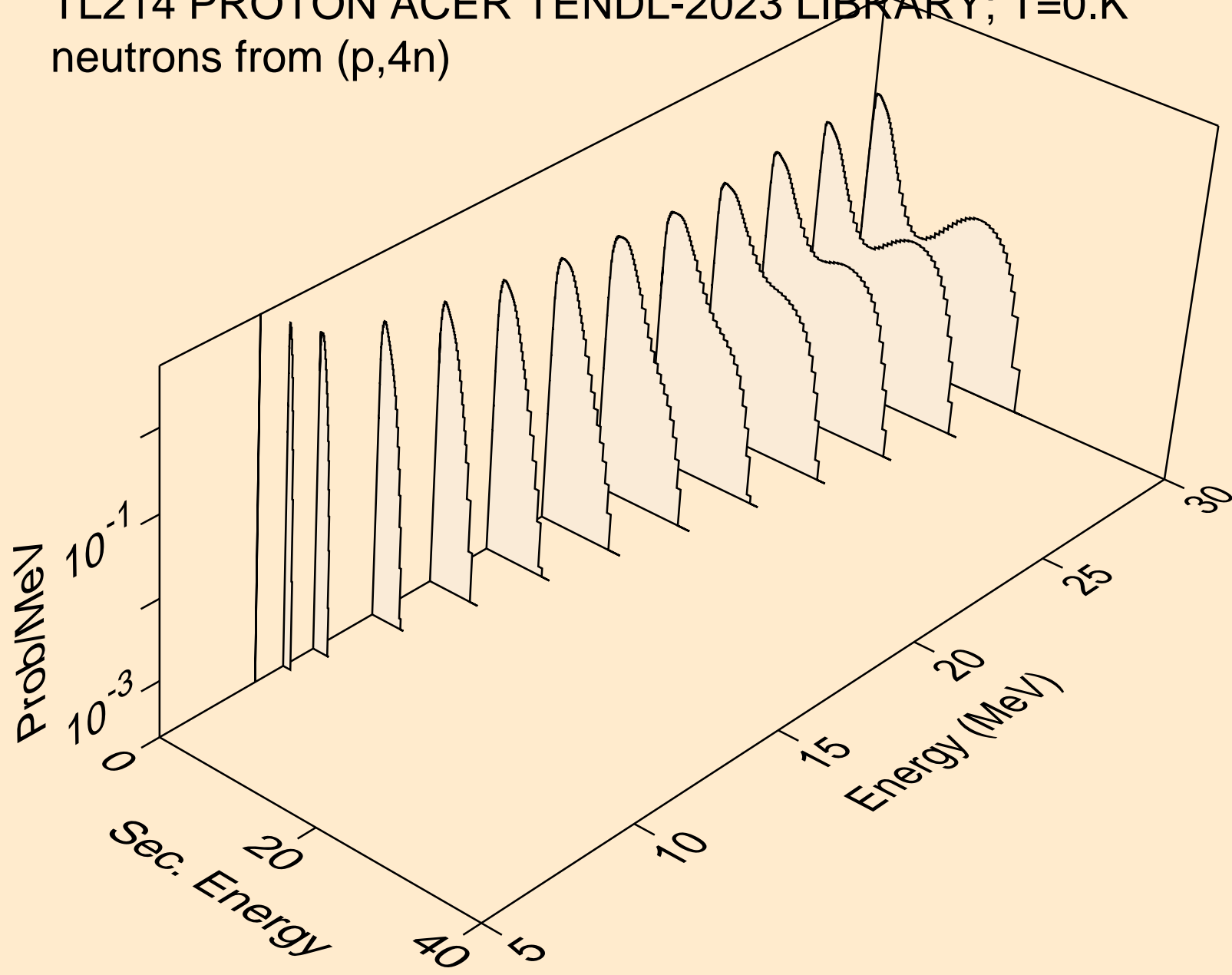




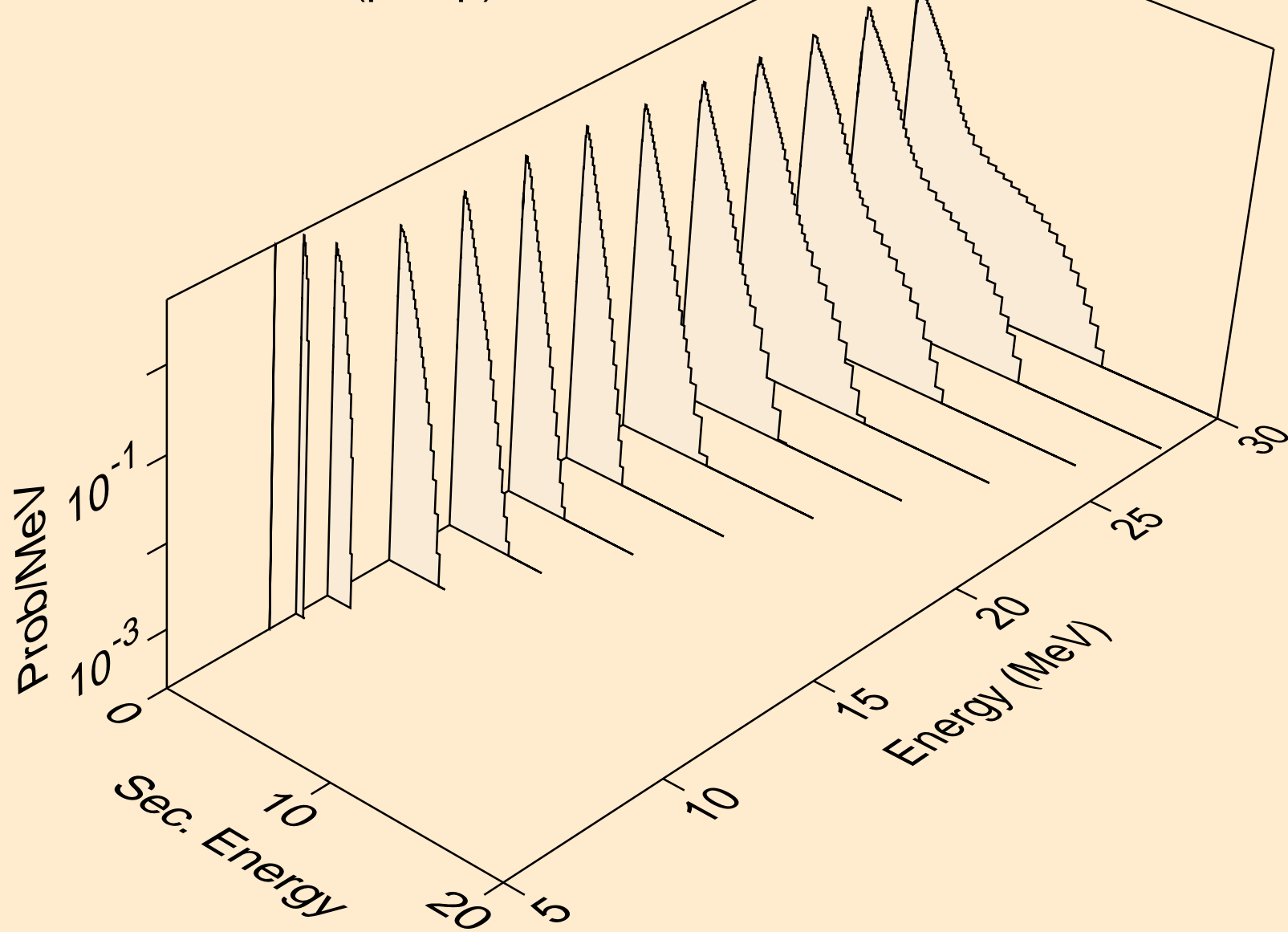
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



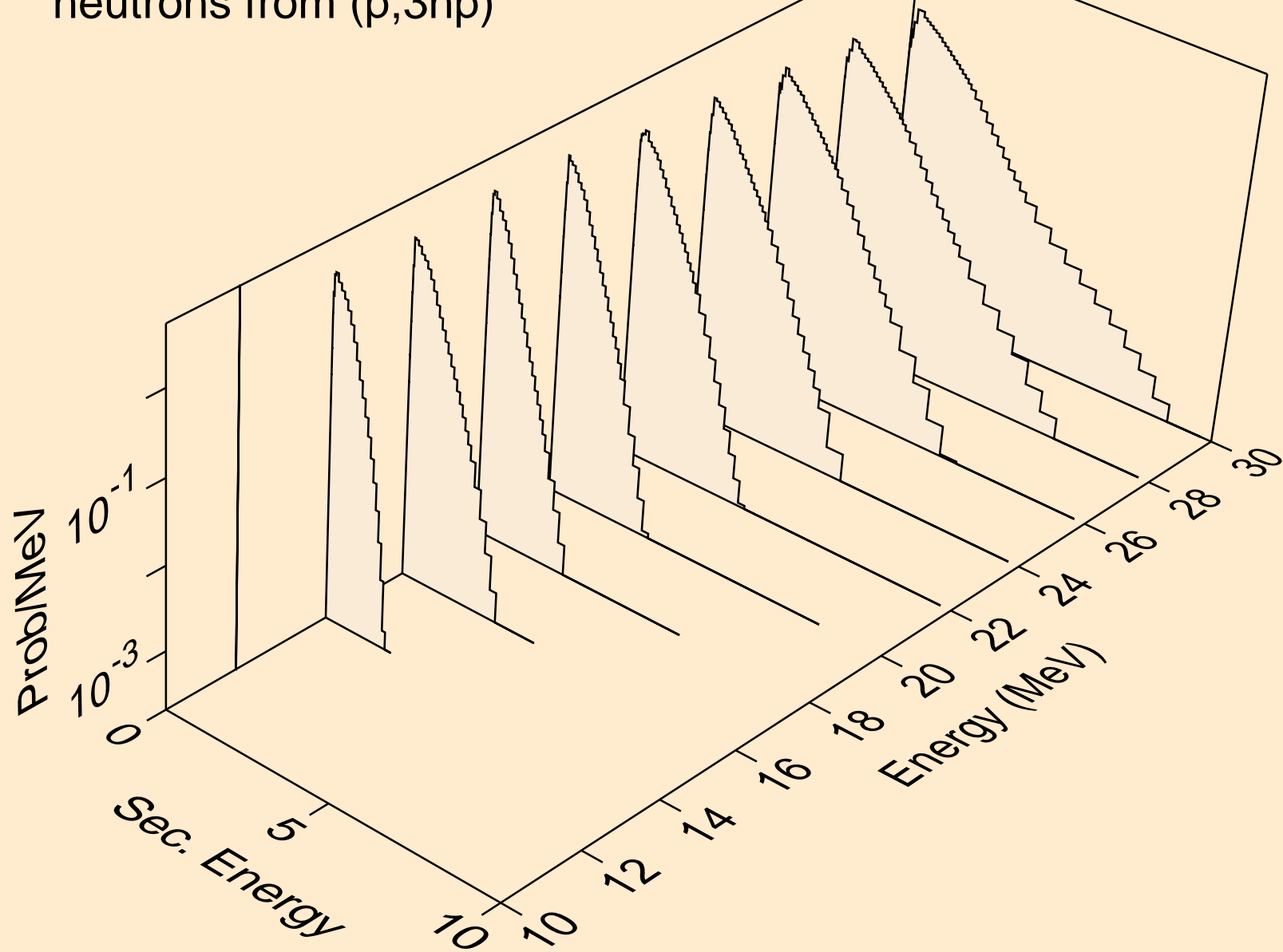
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



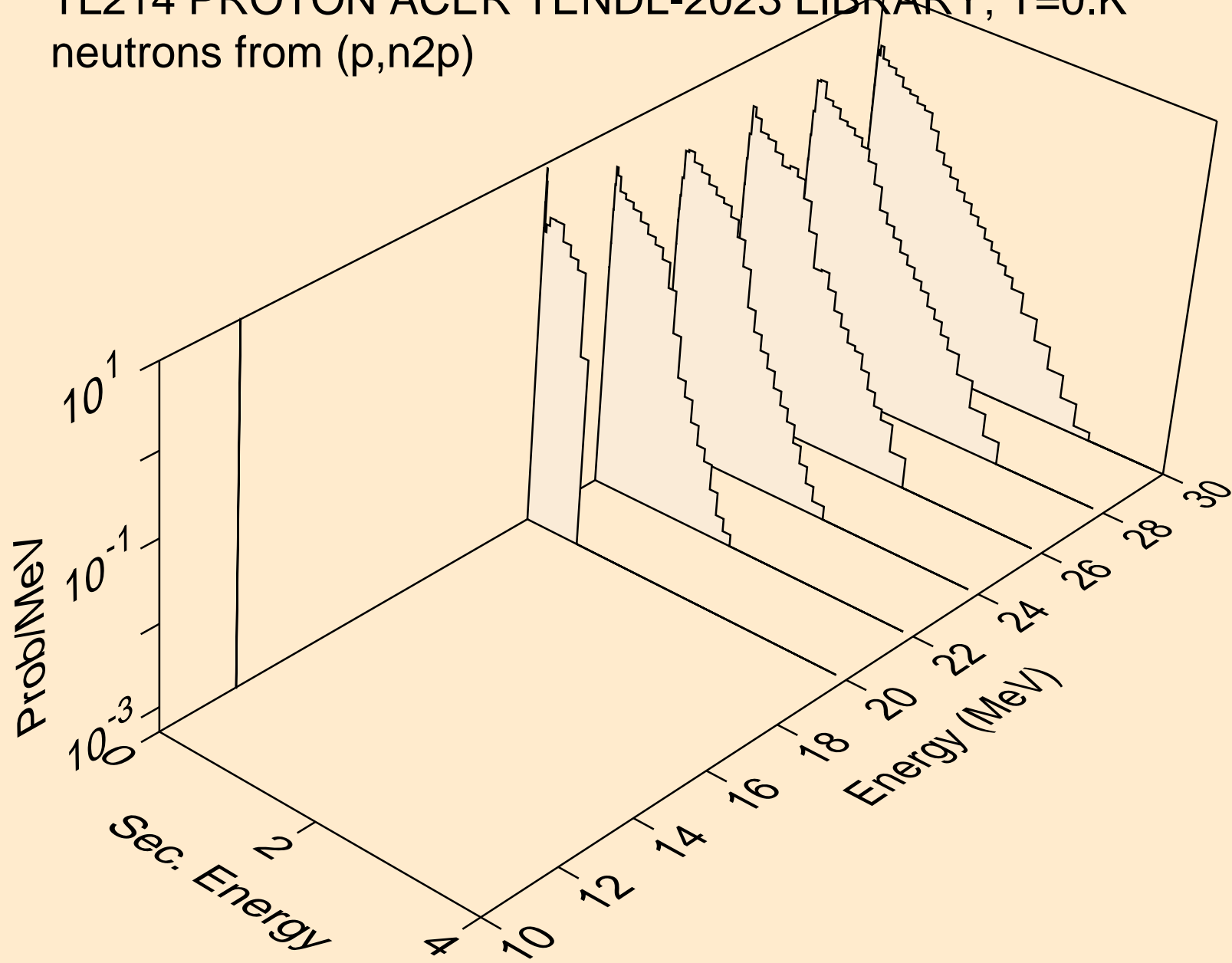
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



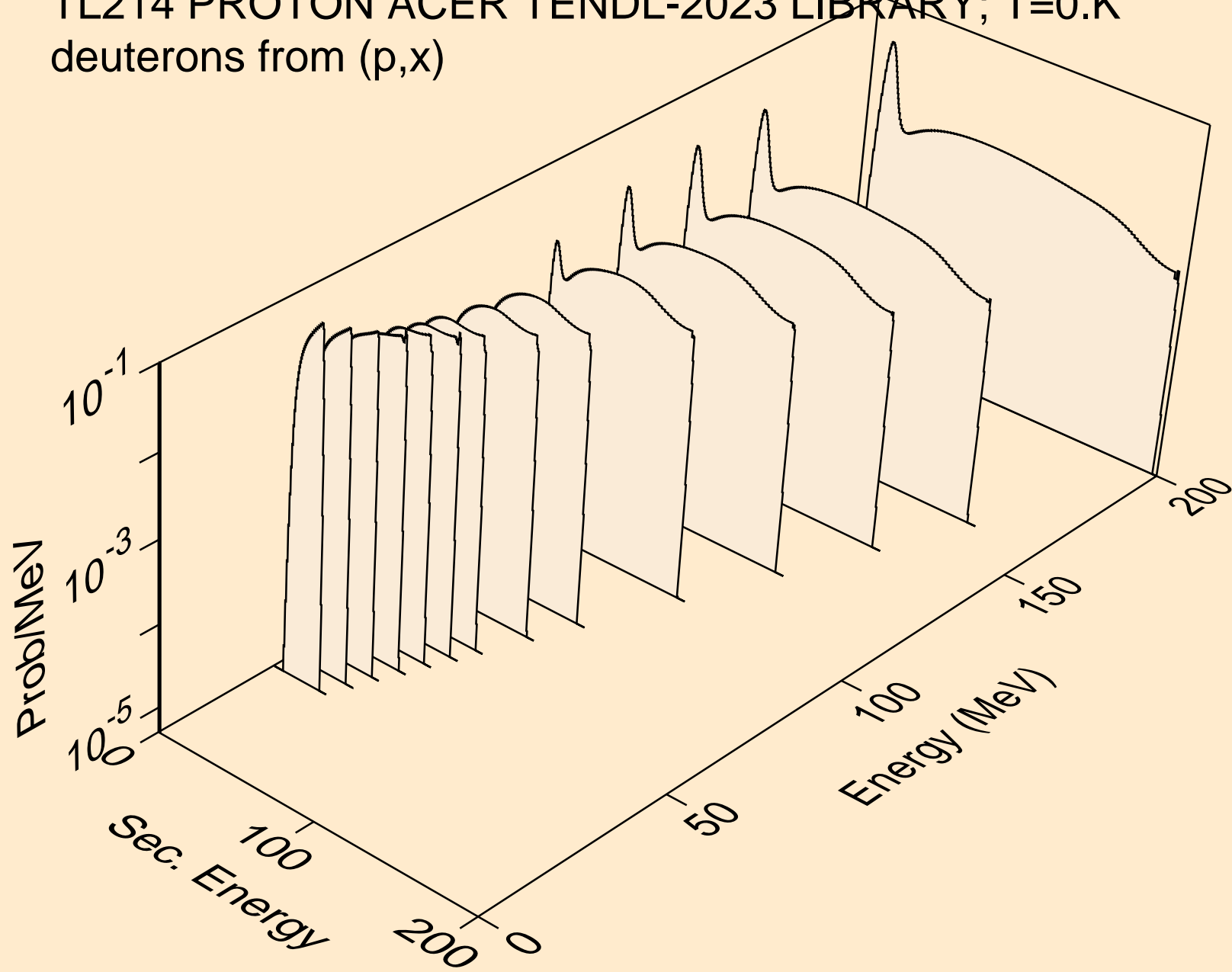
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



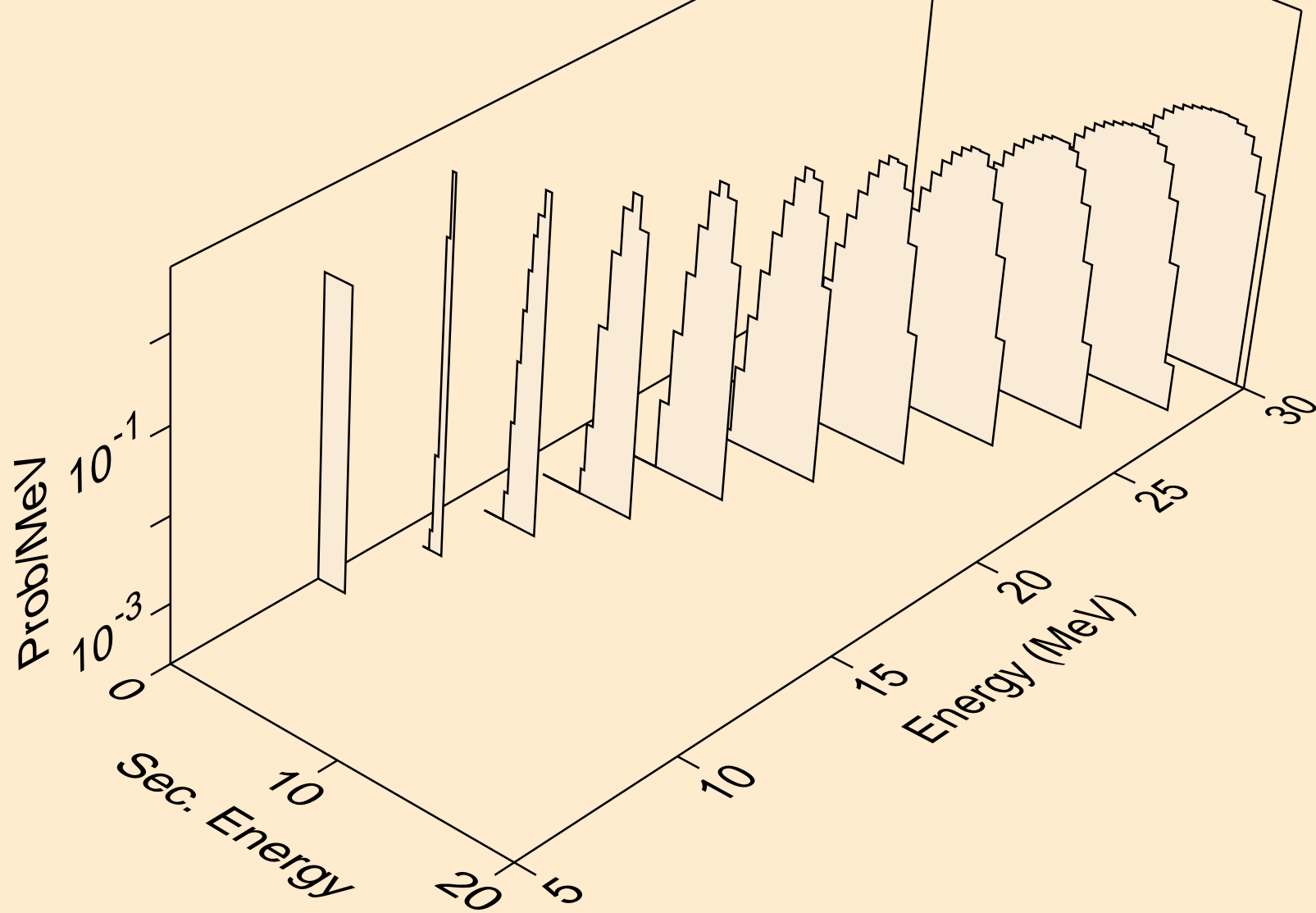
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neutrons from (p,n2p)



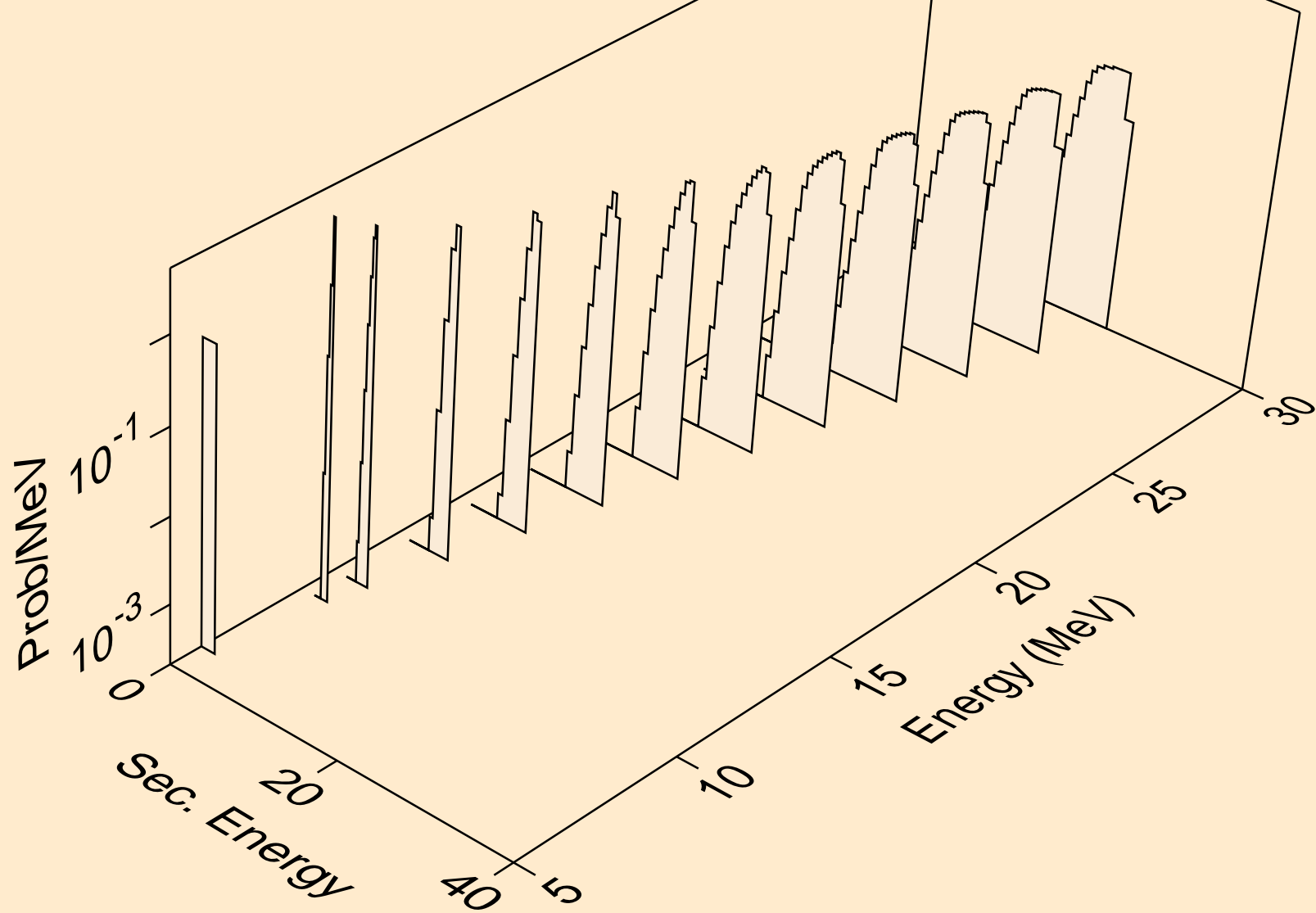
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

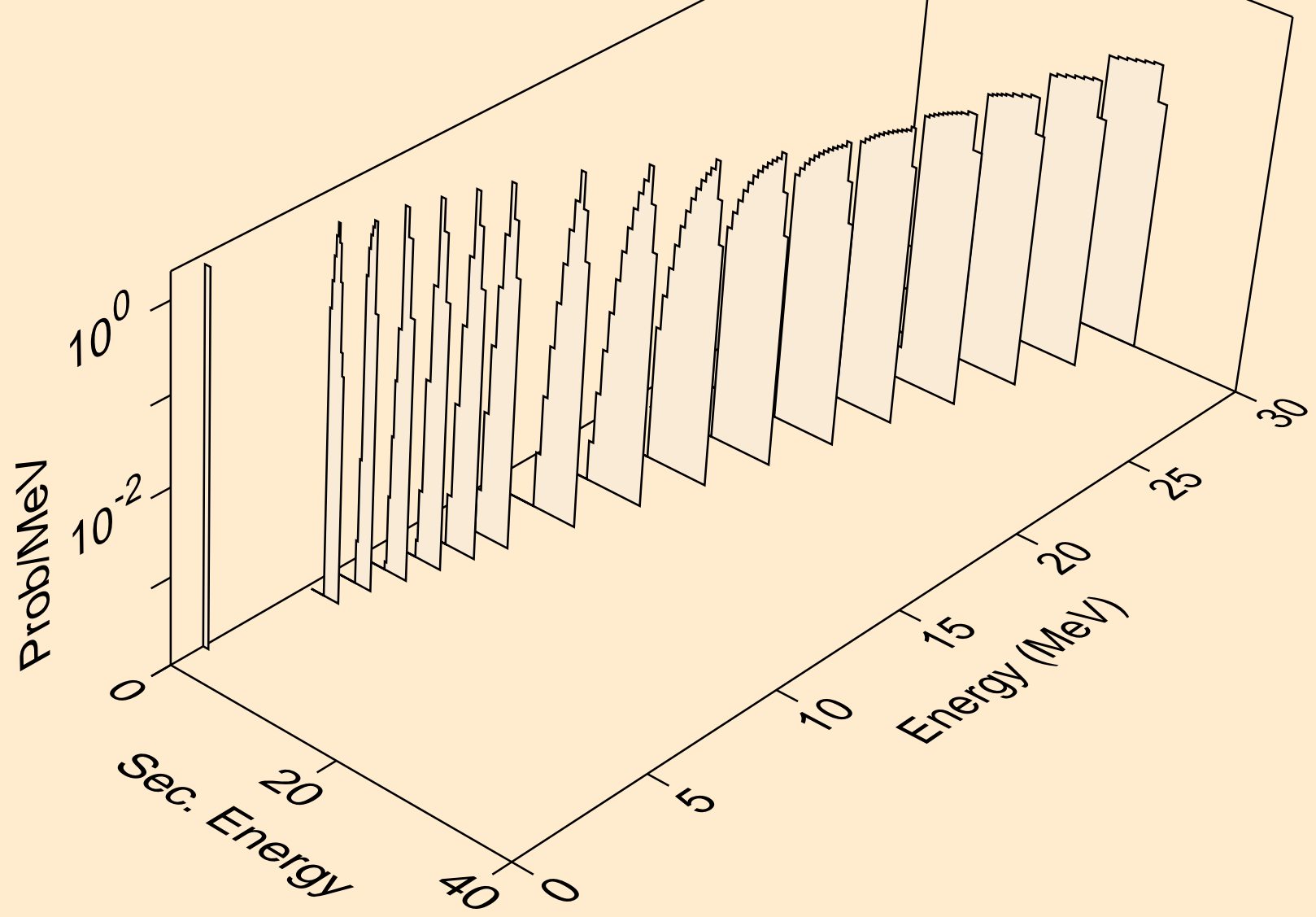


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

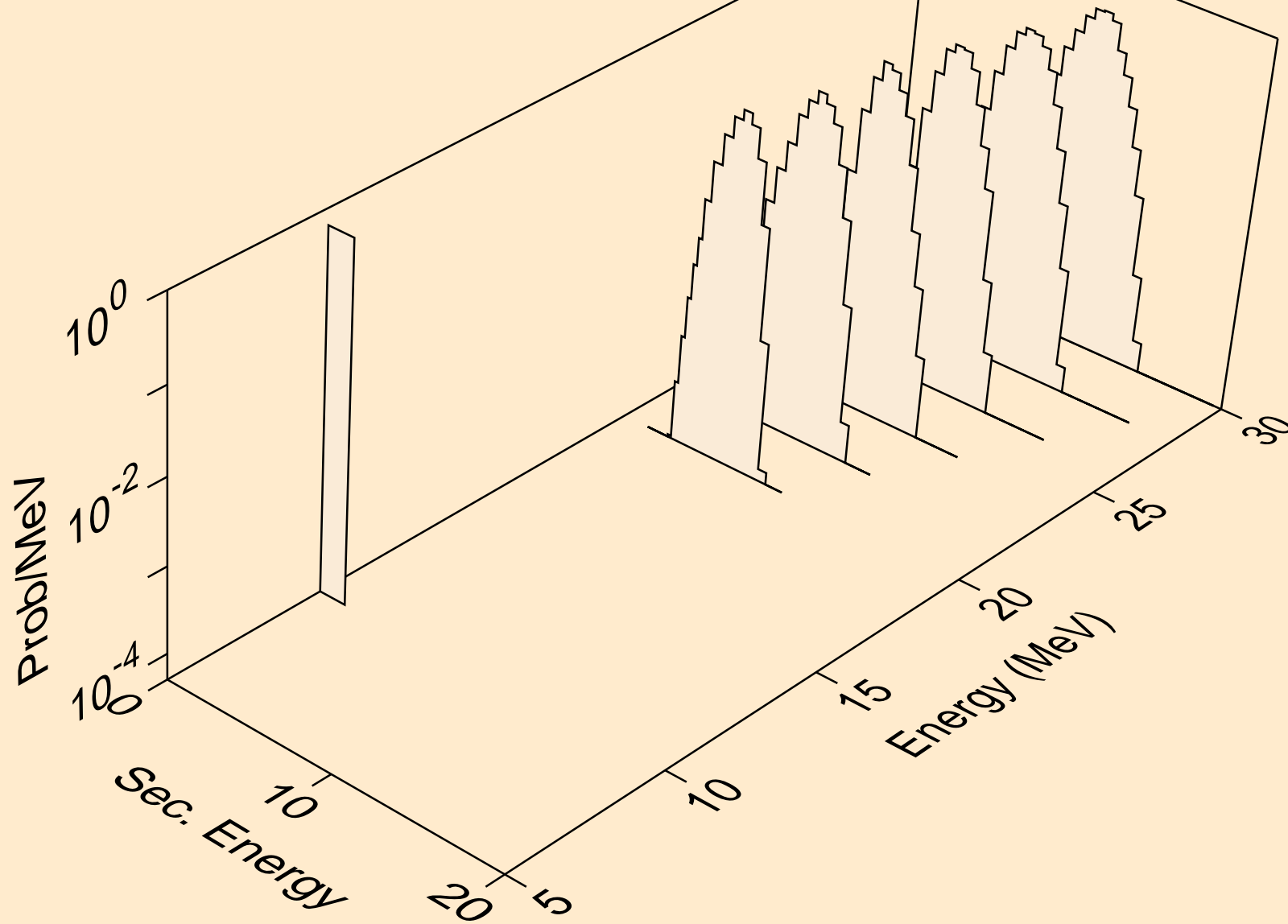




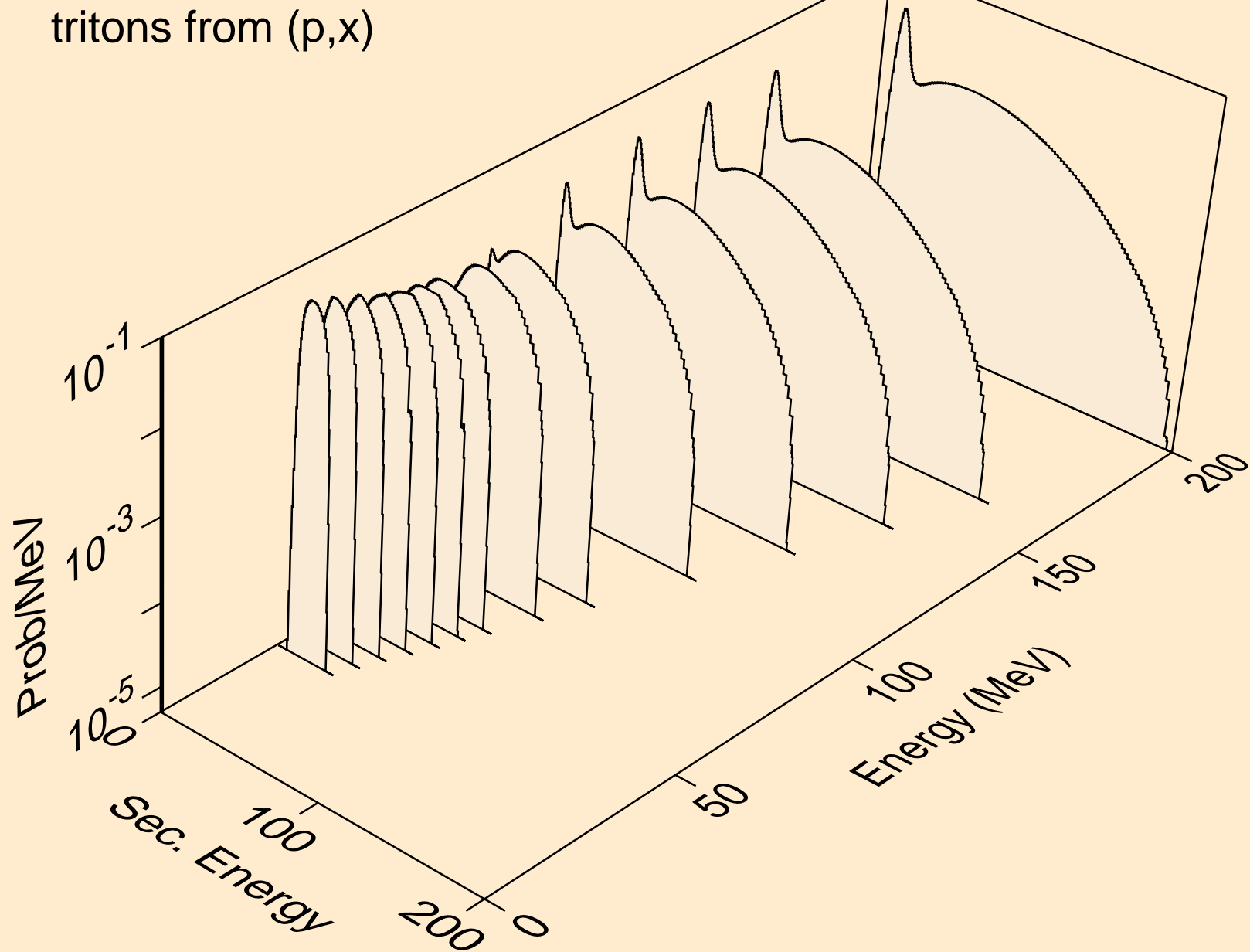
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



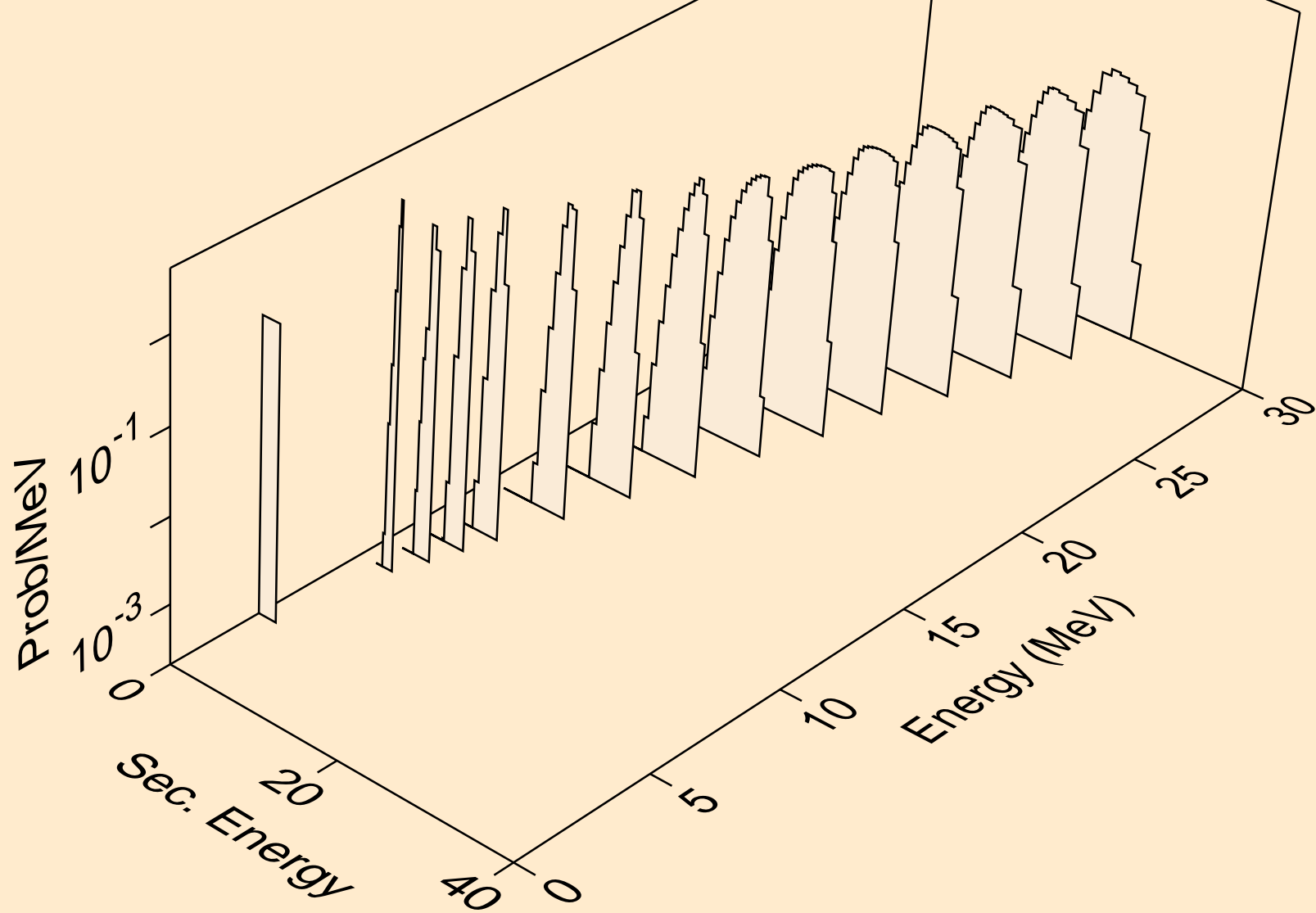
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



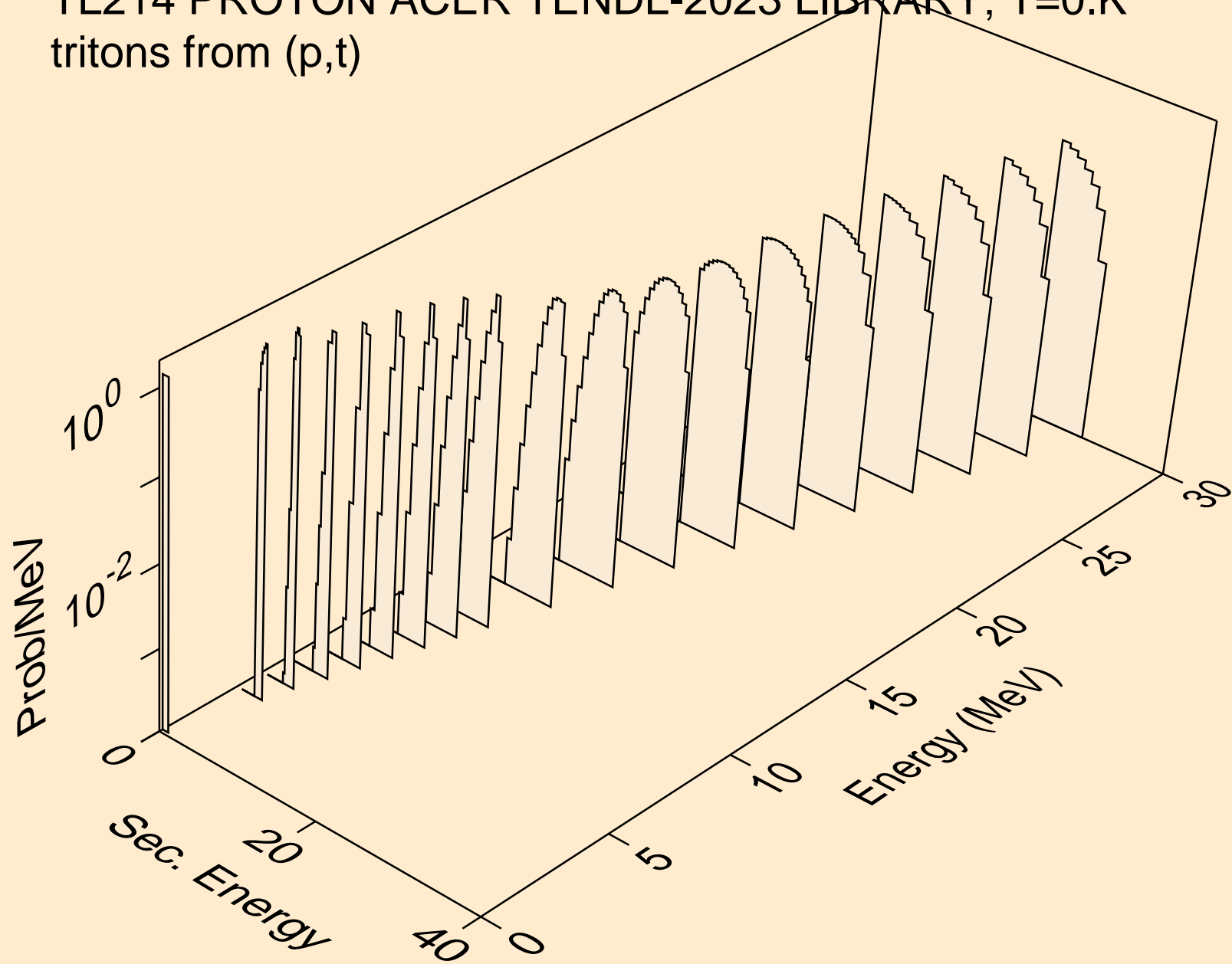
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



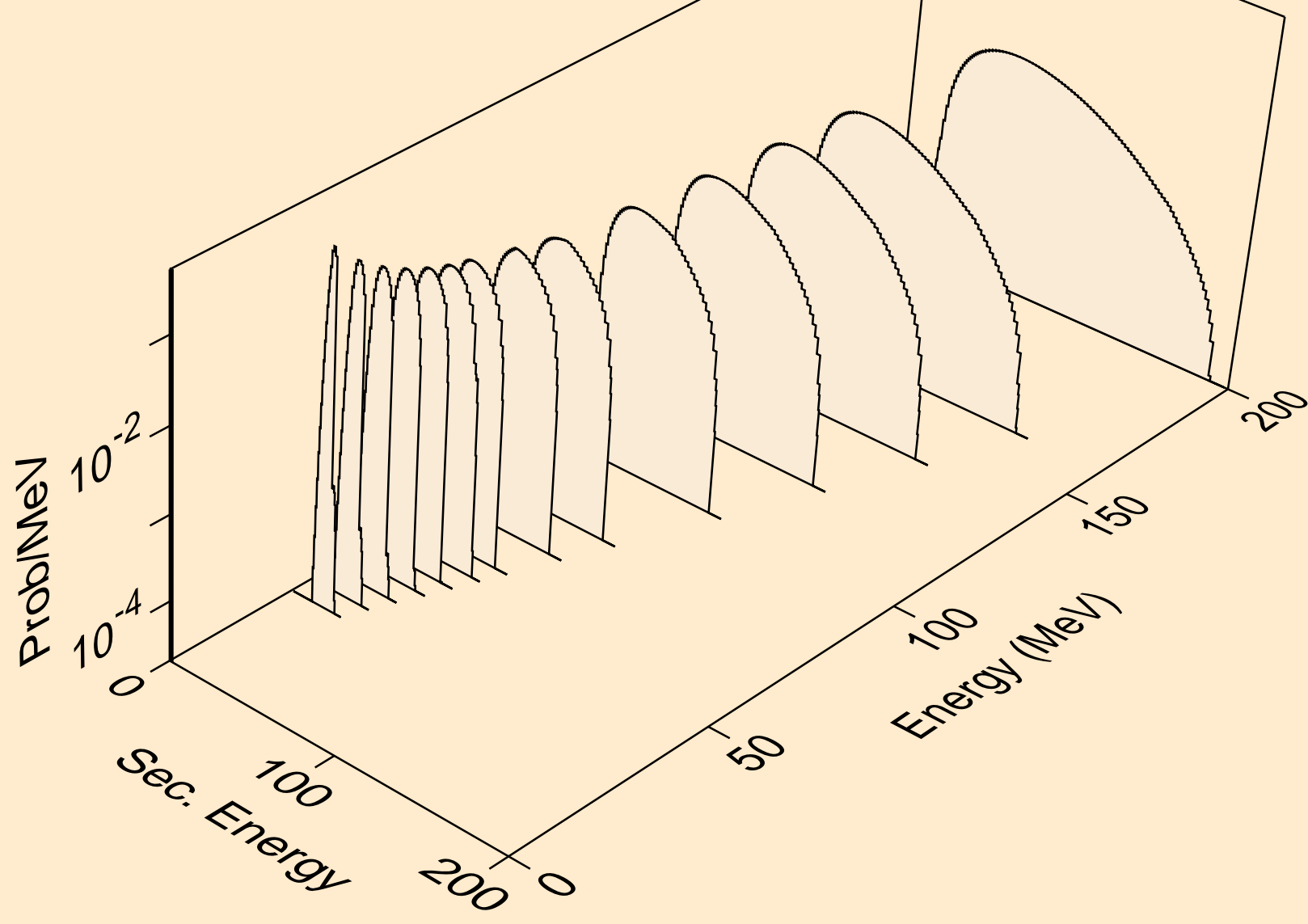
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



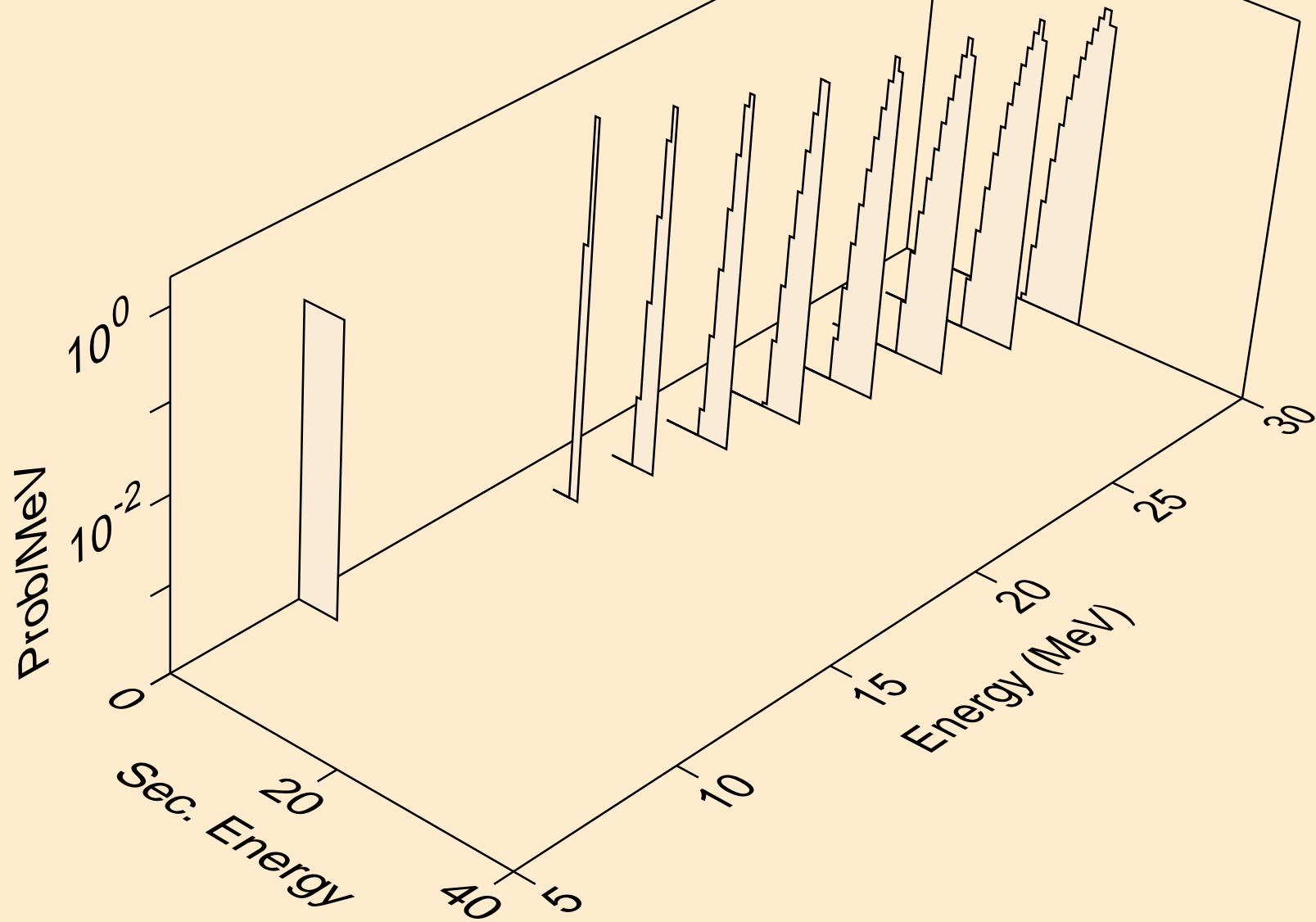
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



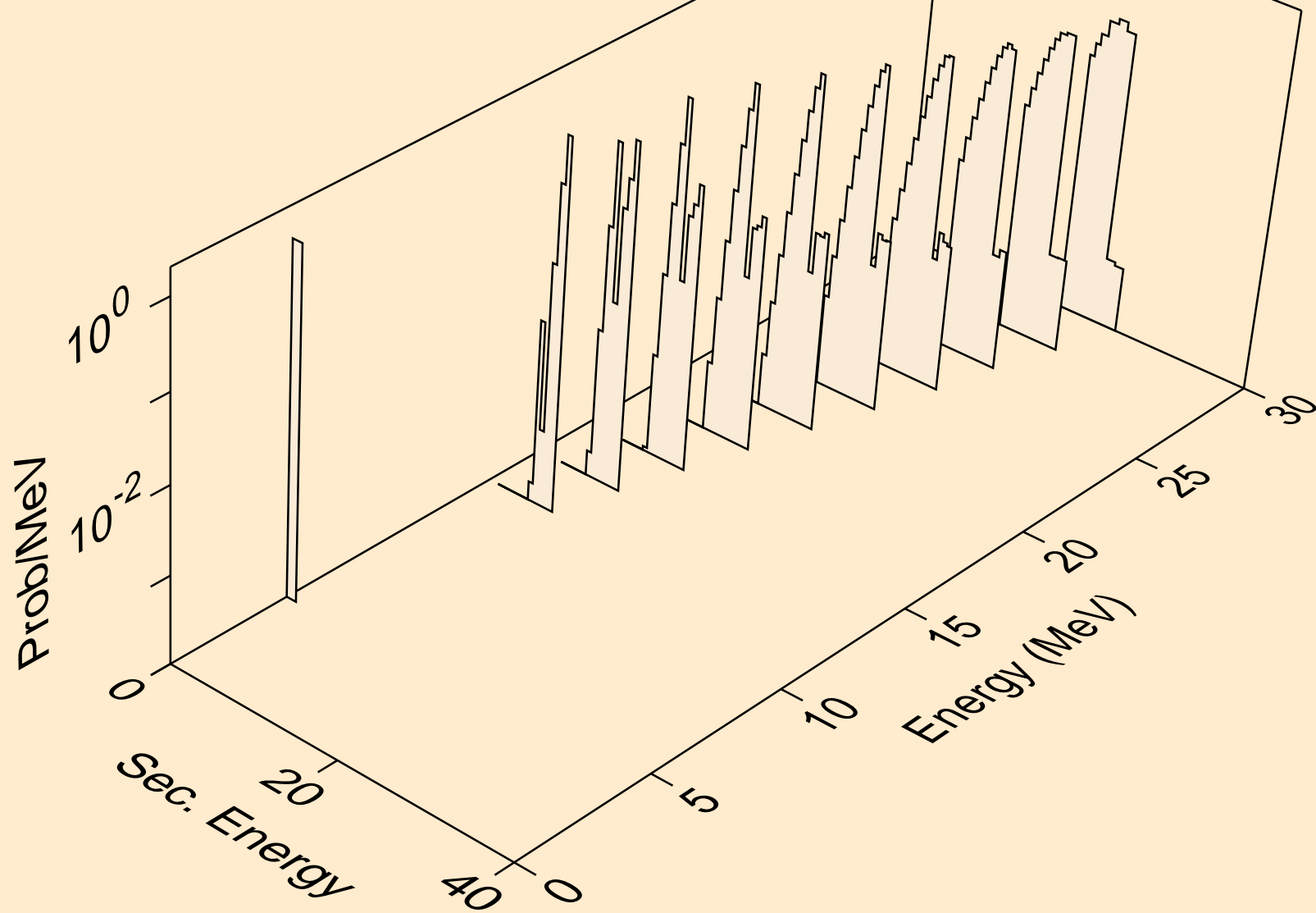
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

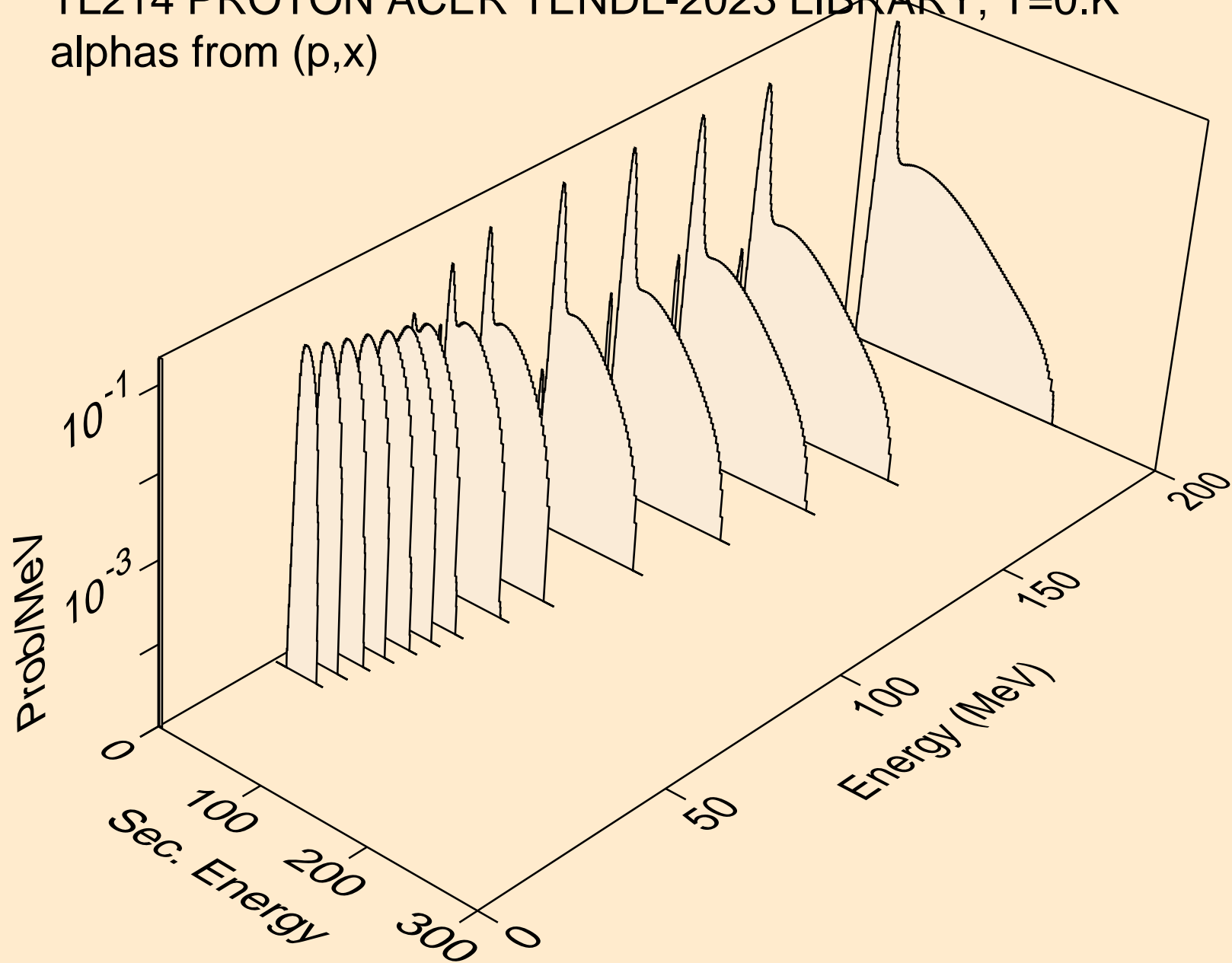


TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

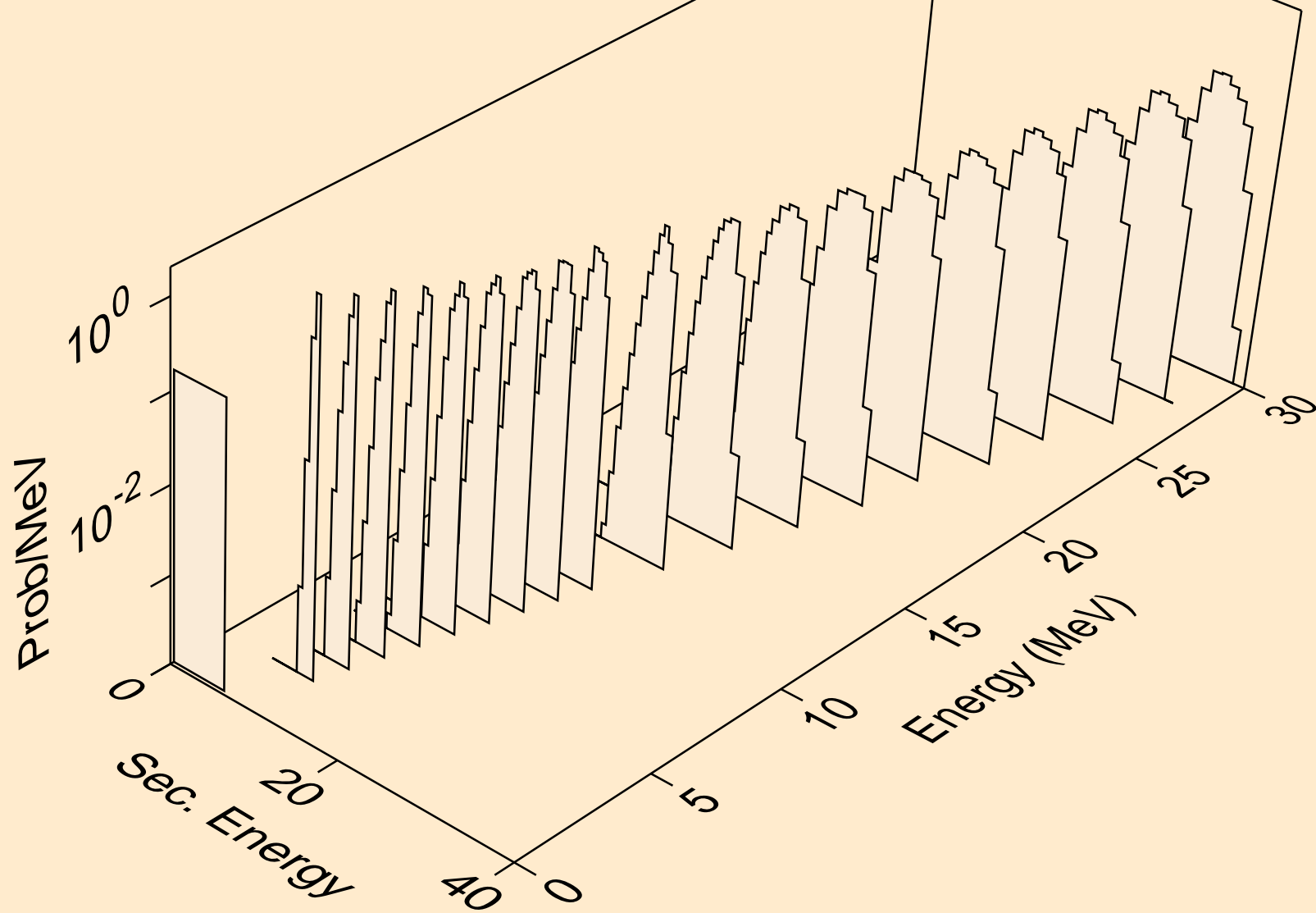




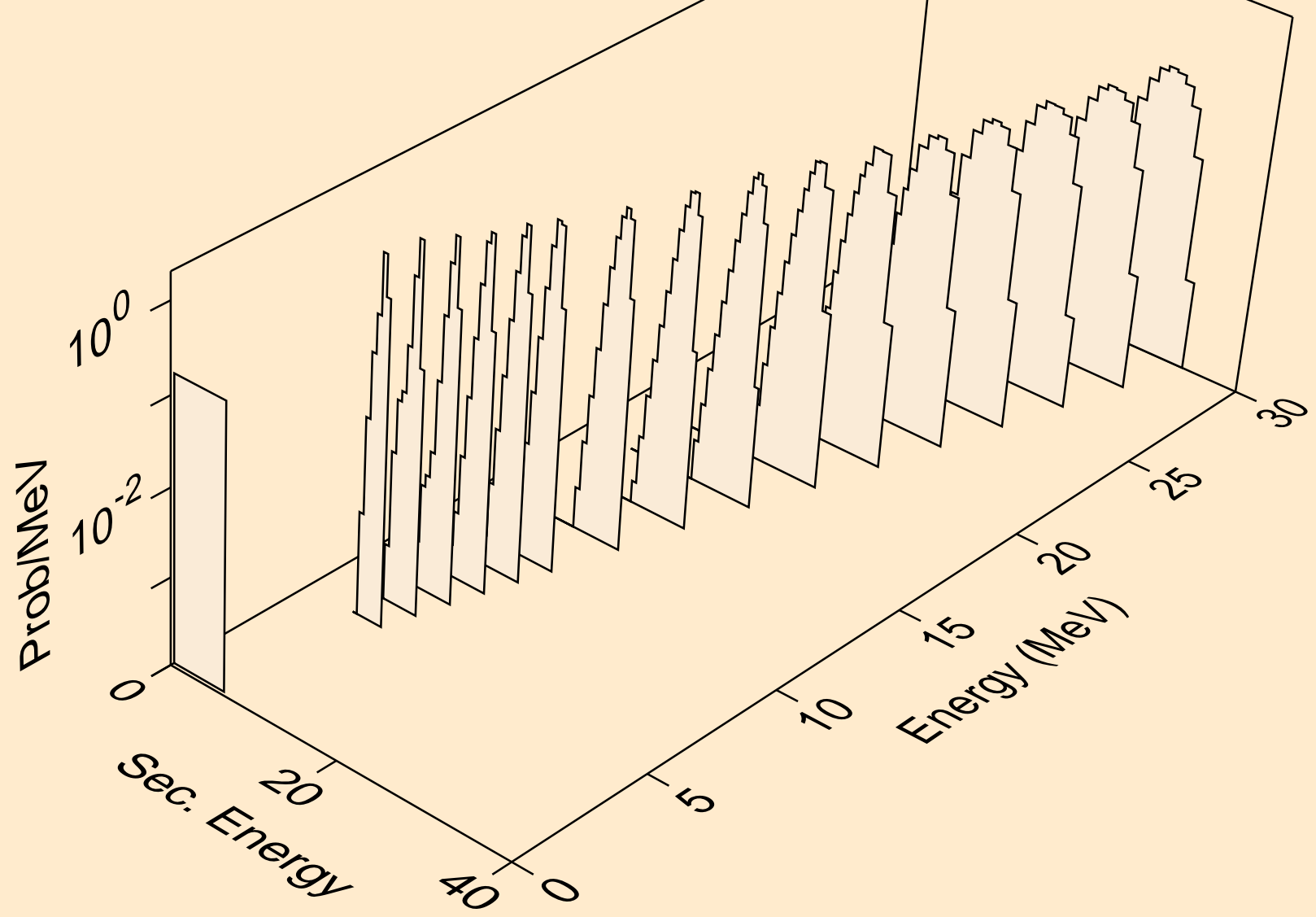
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



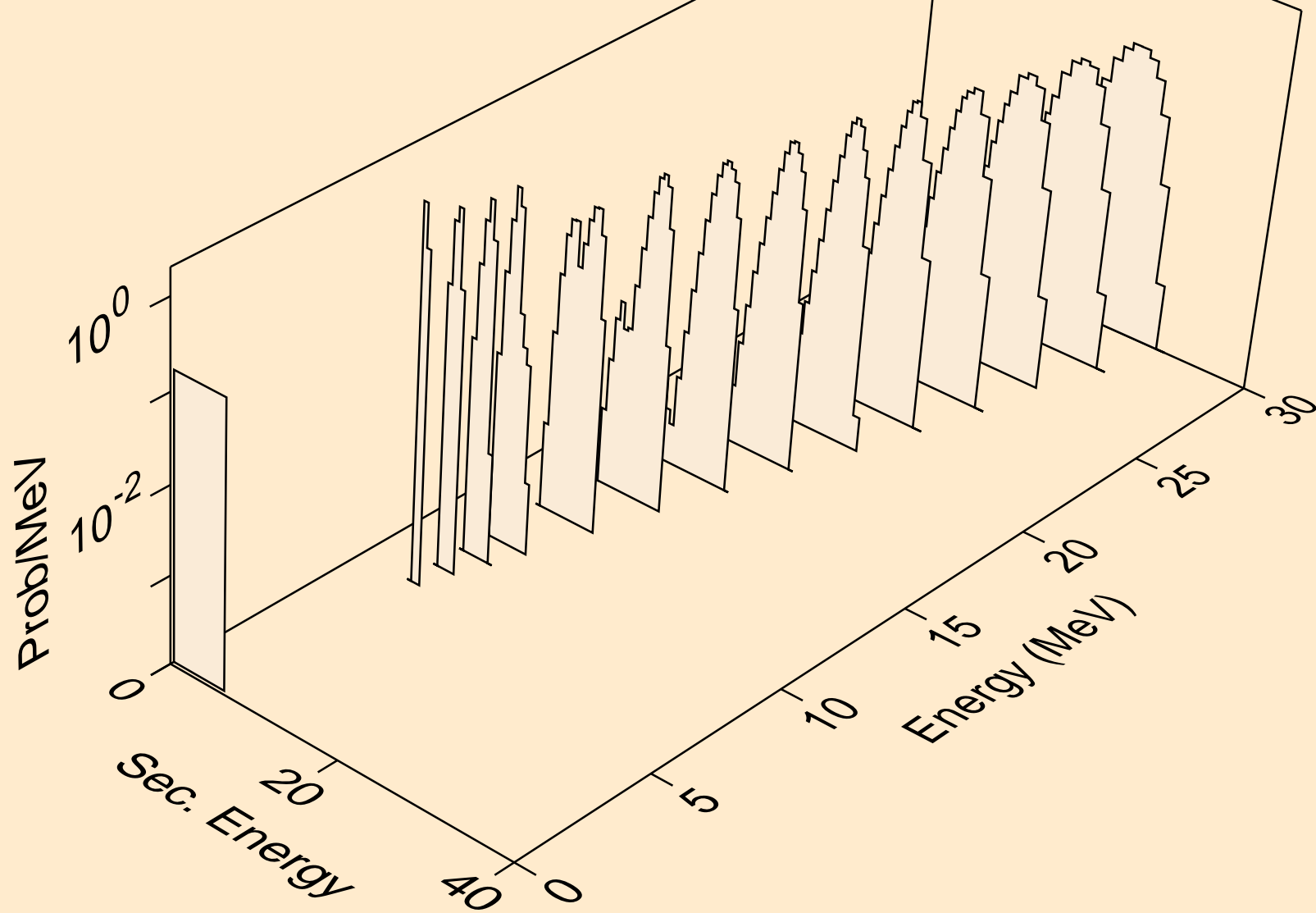
TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



TL214 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

