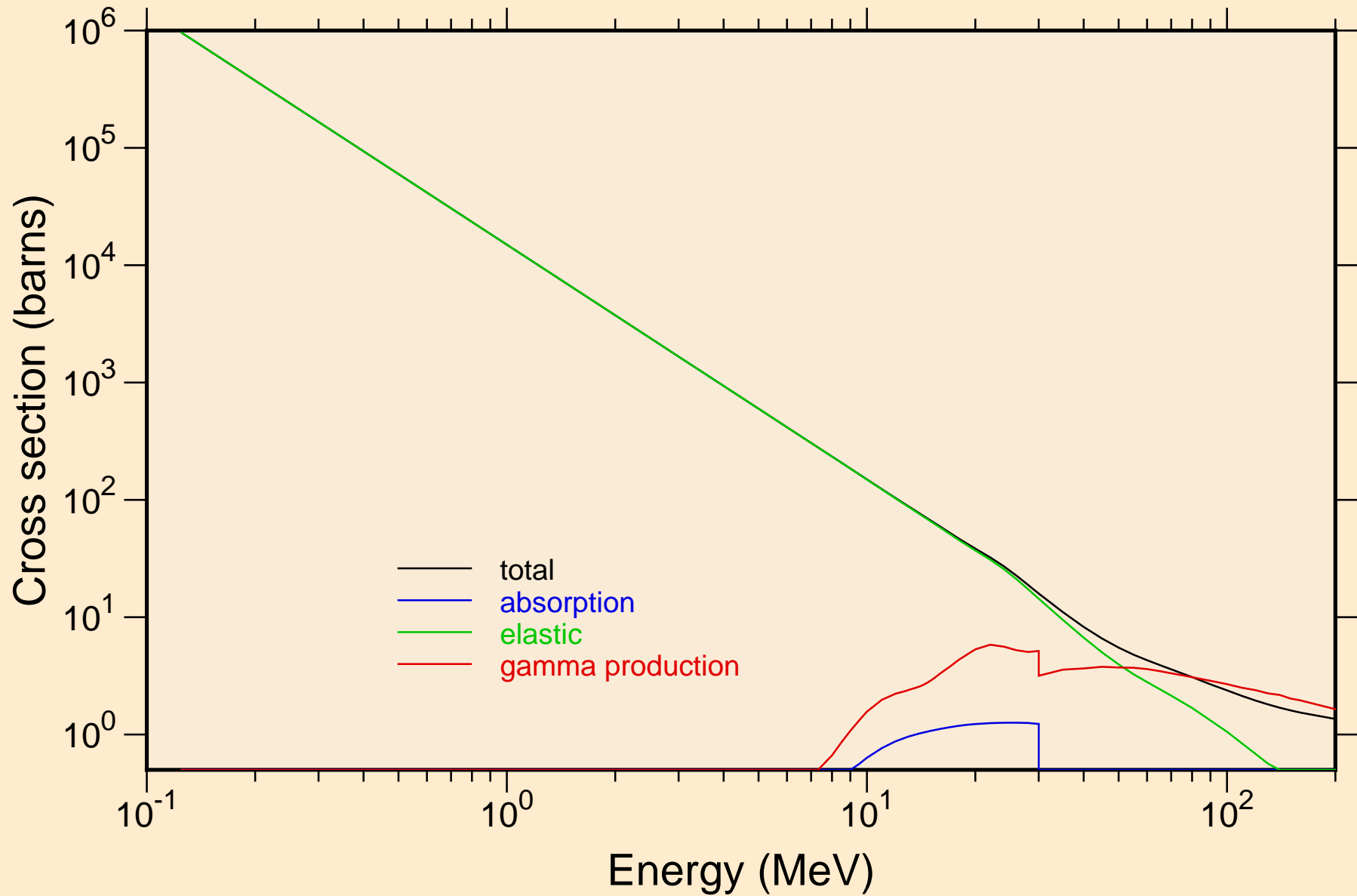


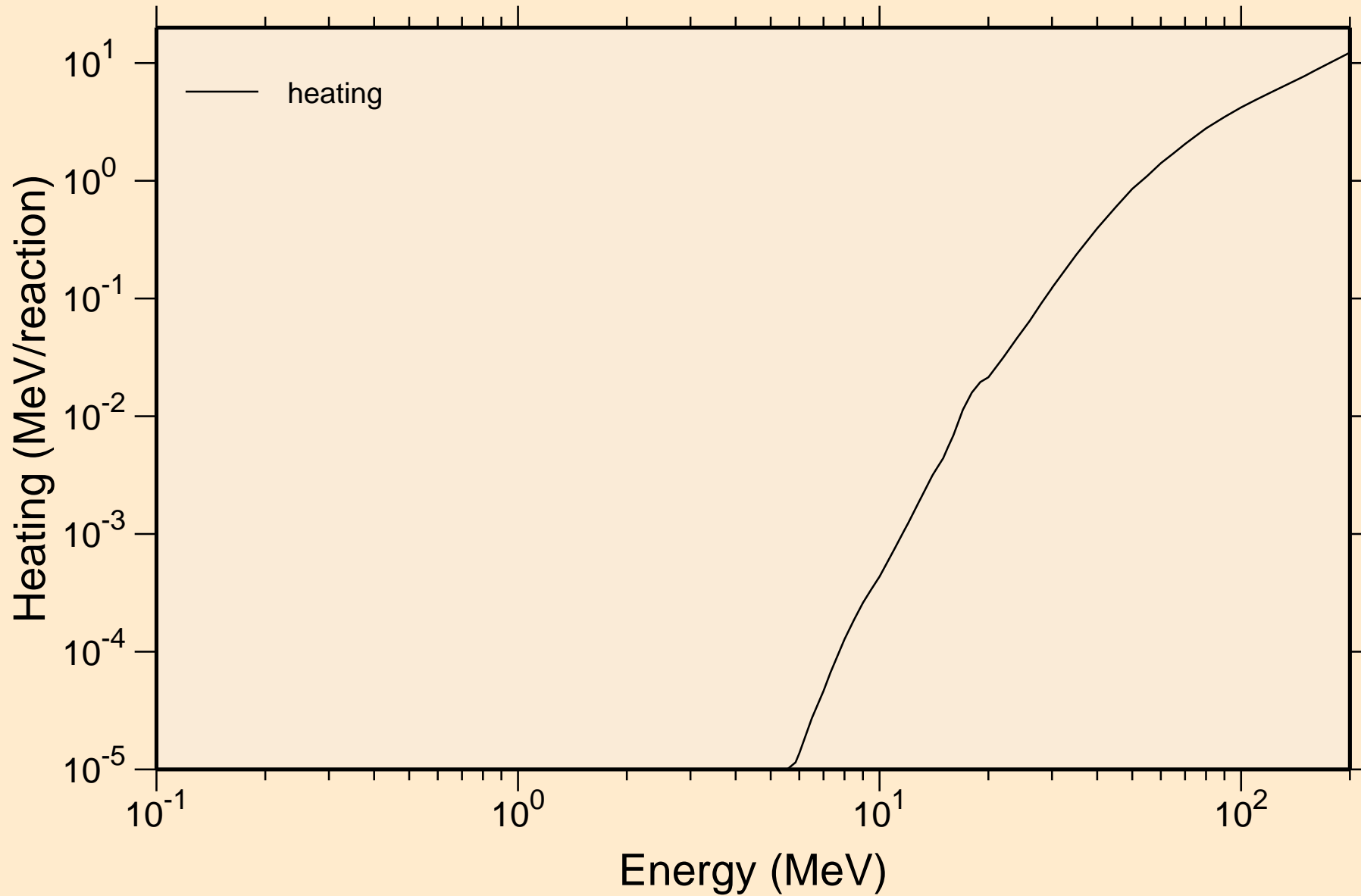
# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



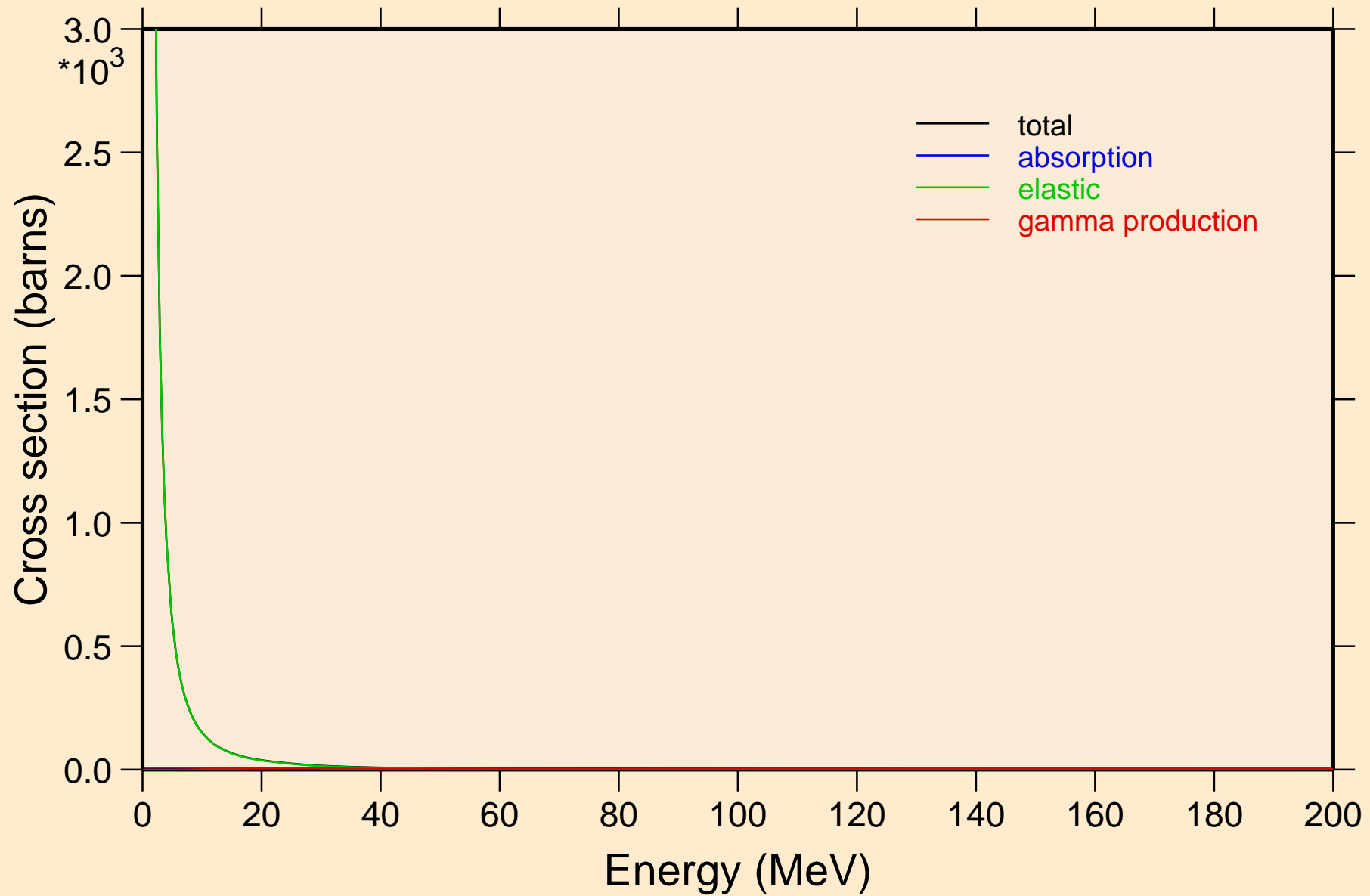
# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



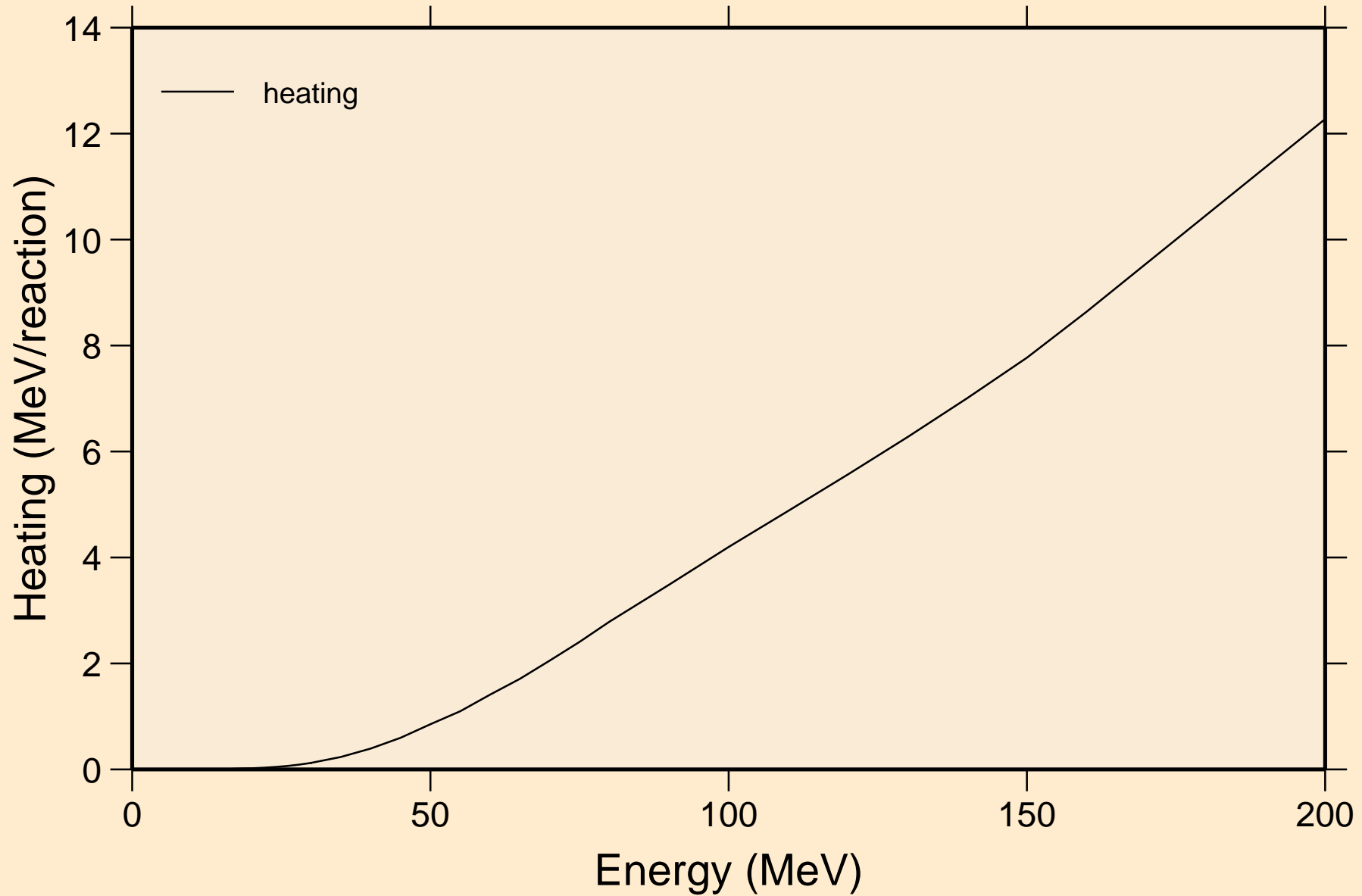
# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



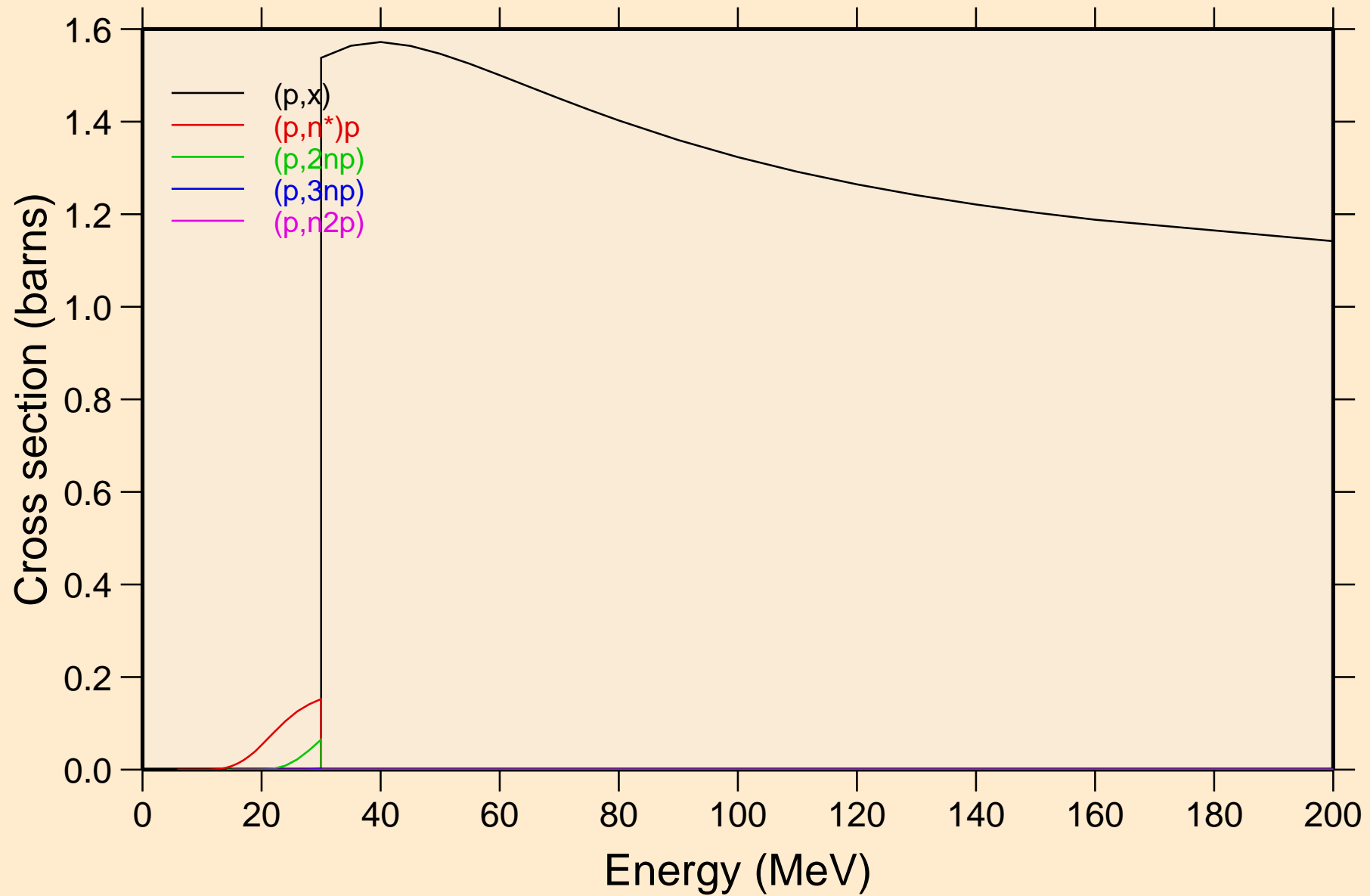
# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



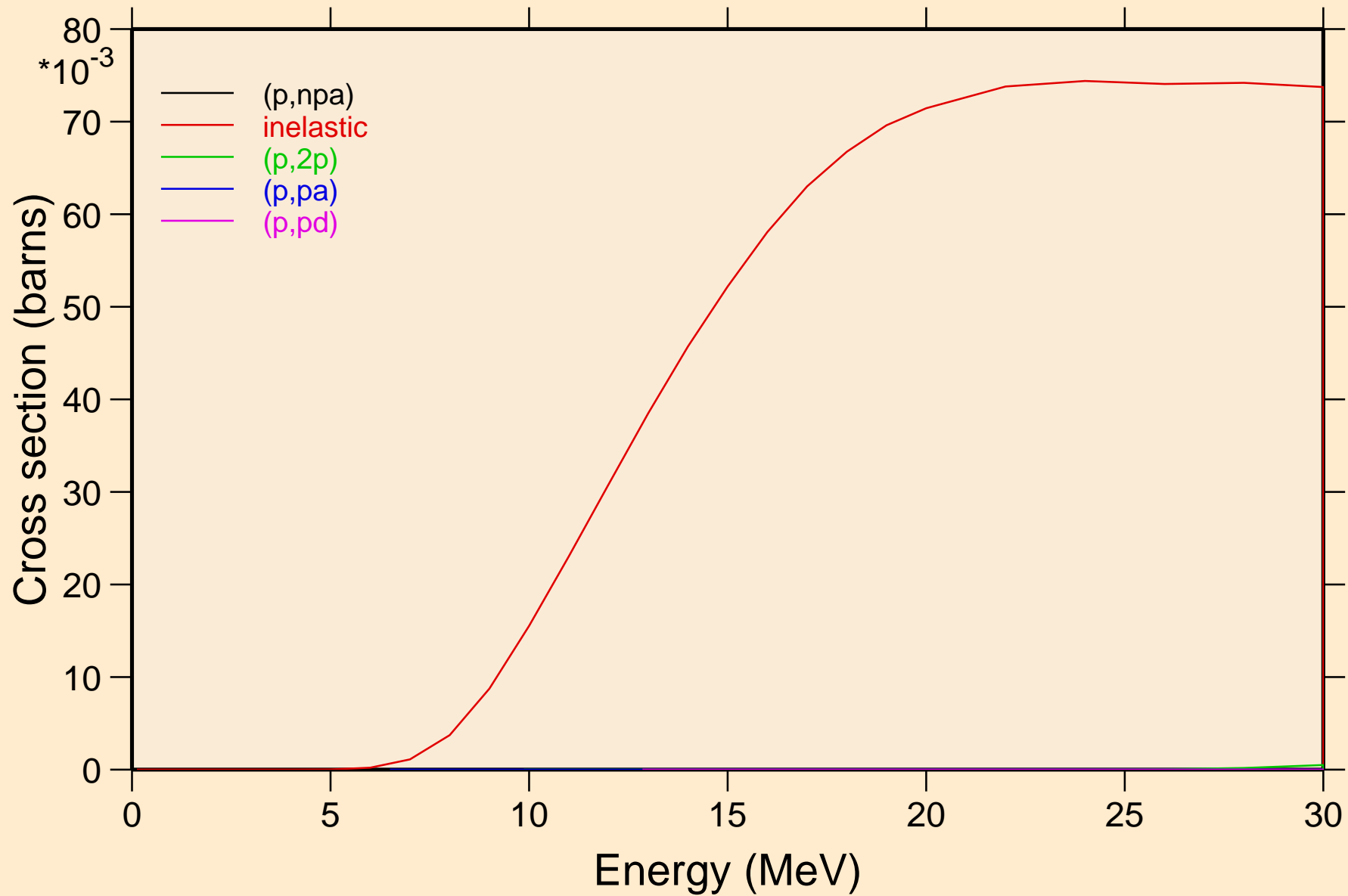
# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

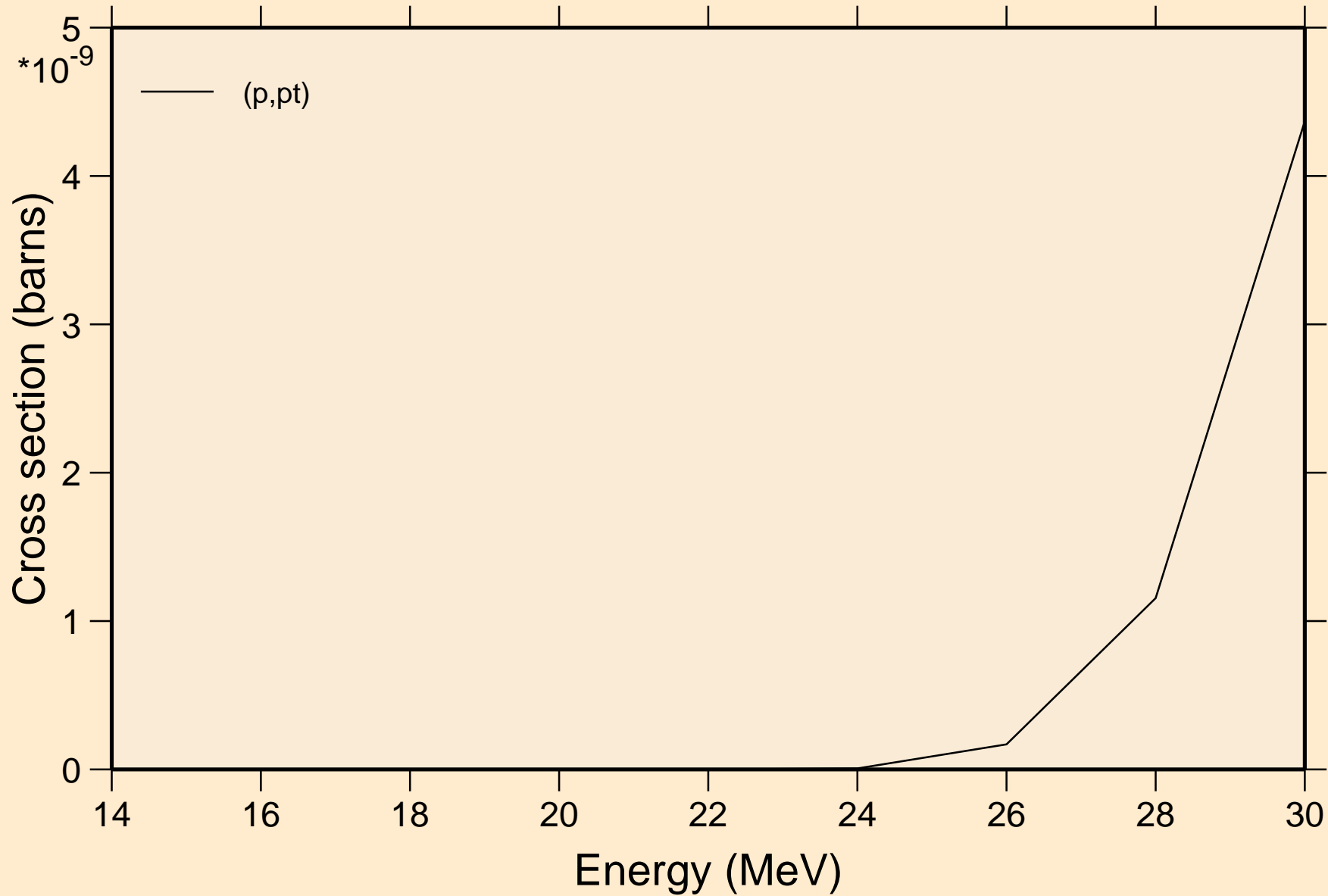


# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

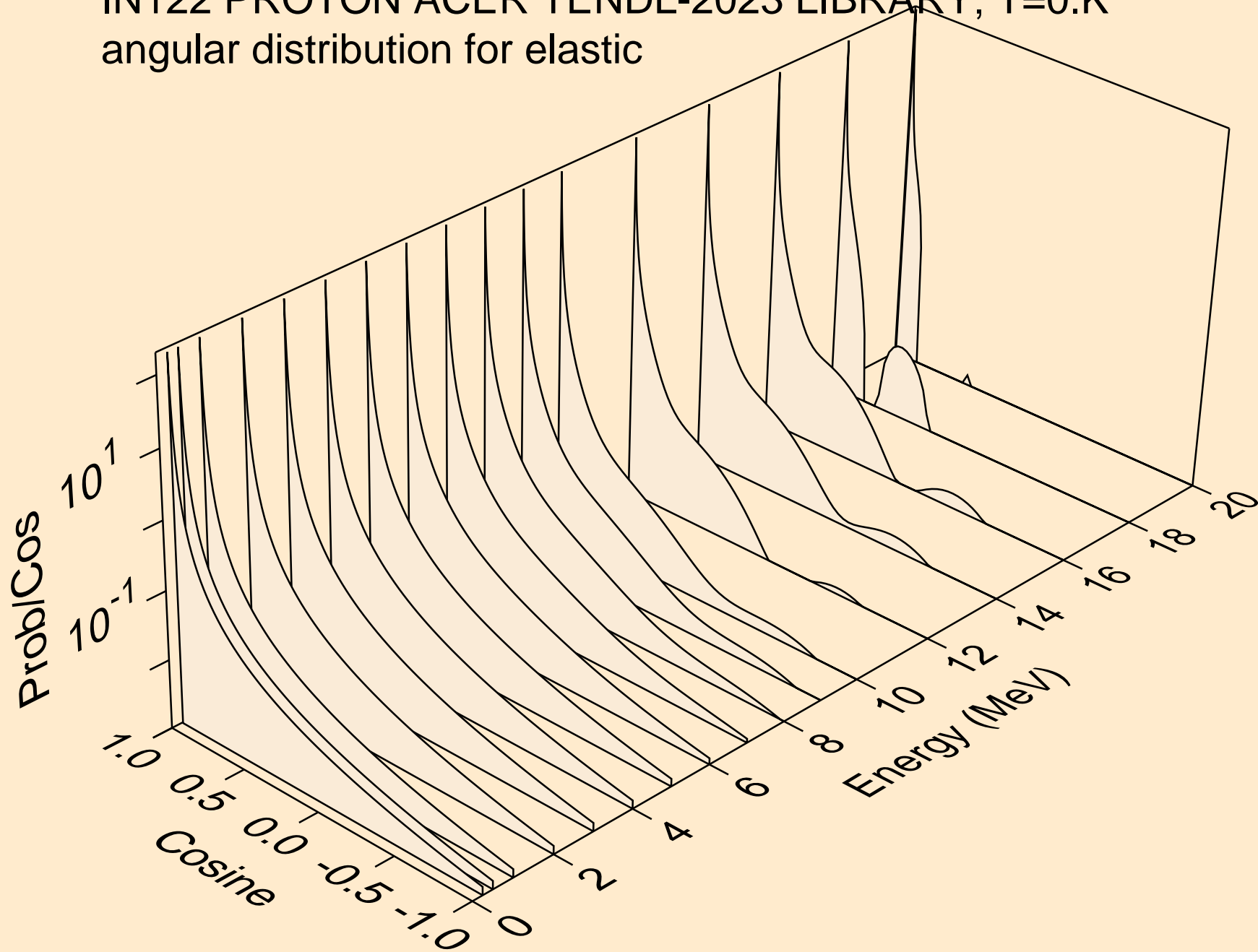
## Threshold reactions



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

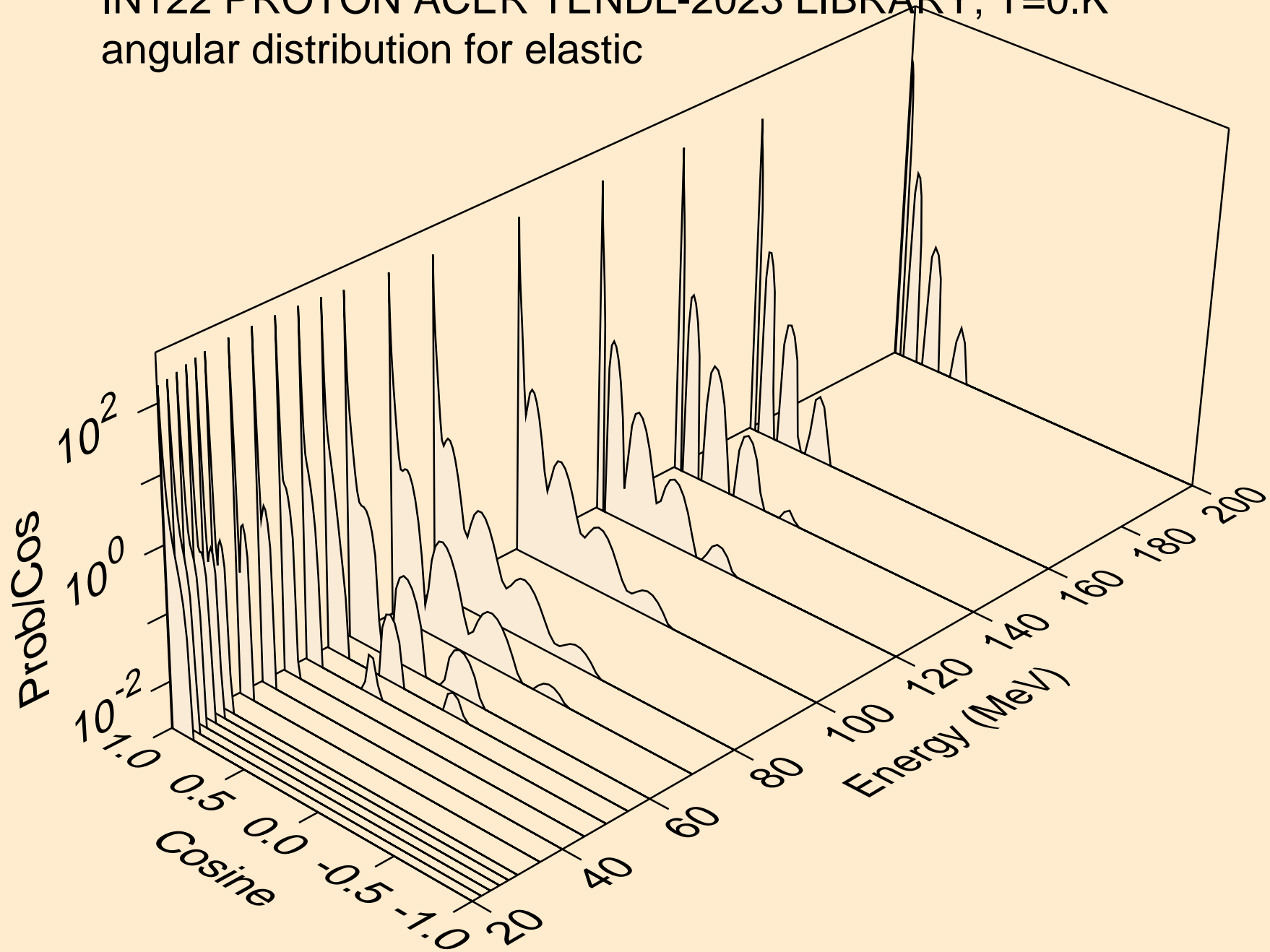


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

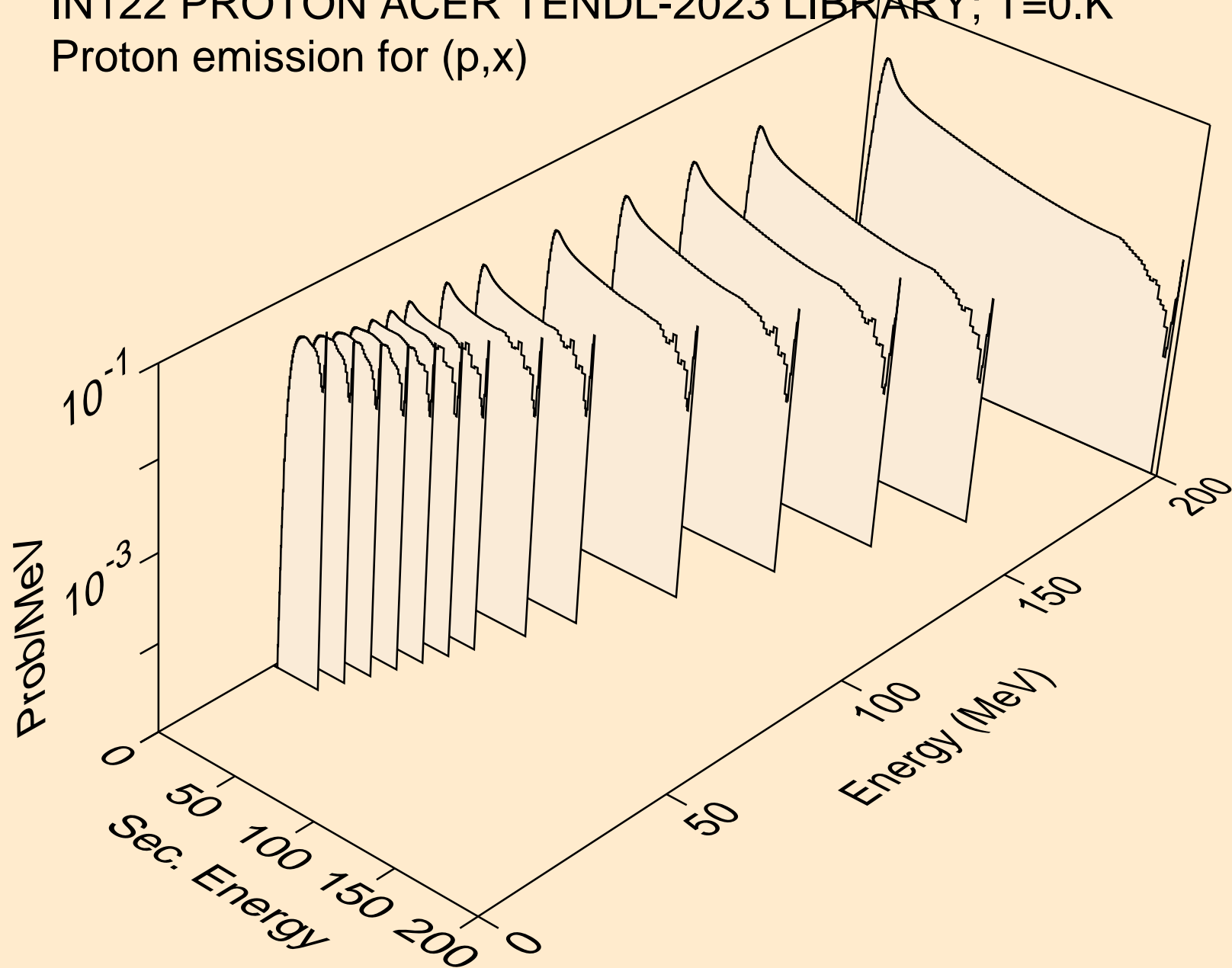




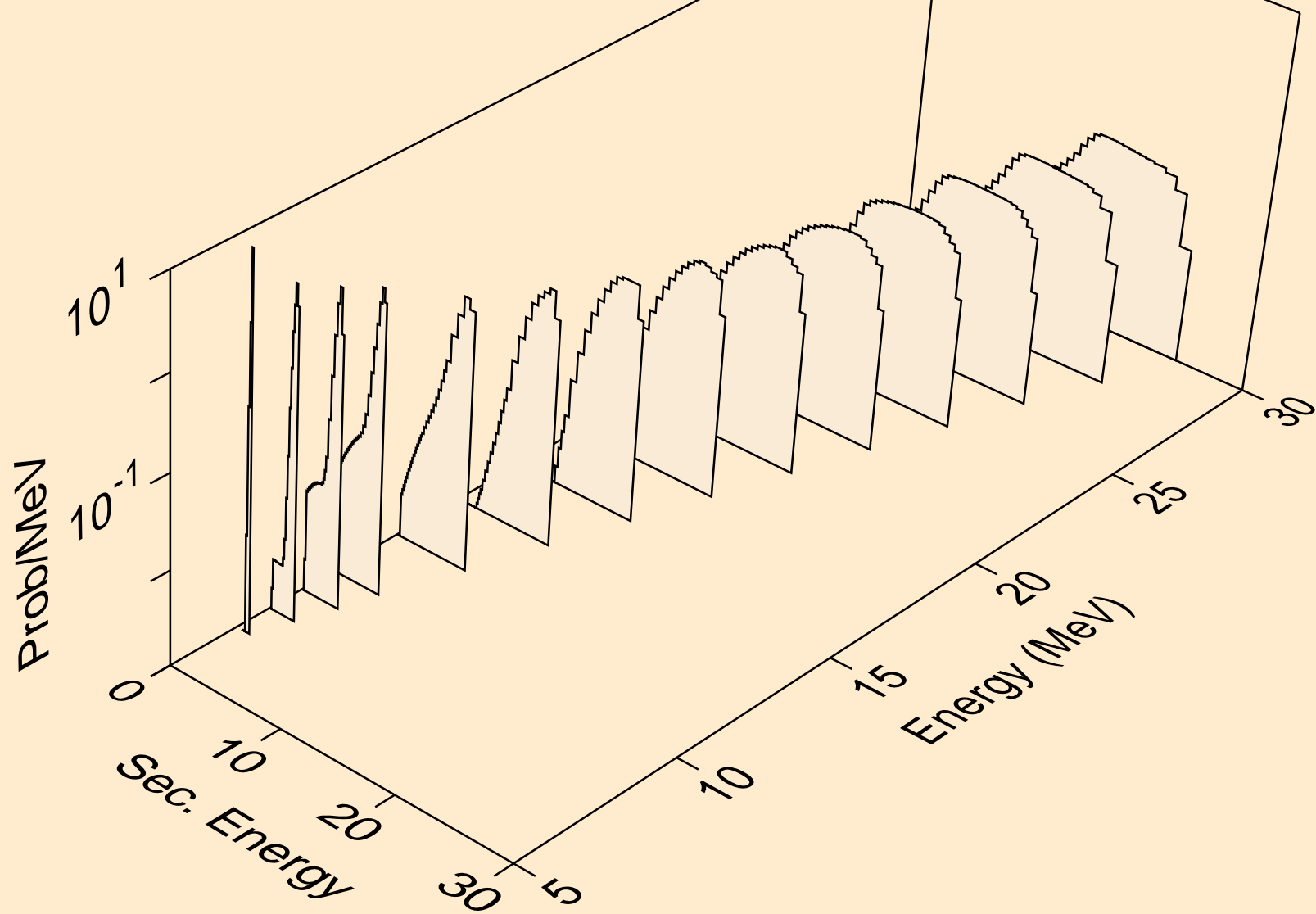
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



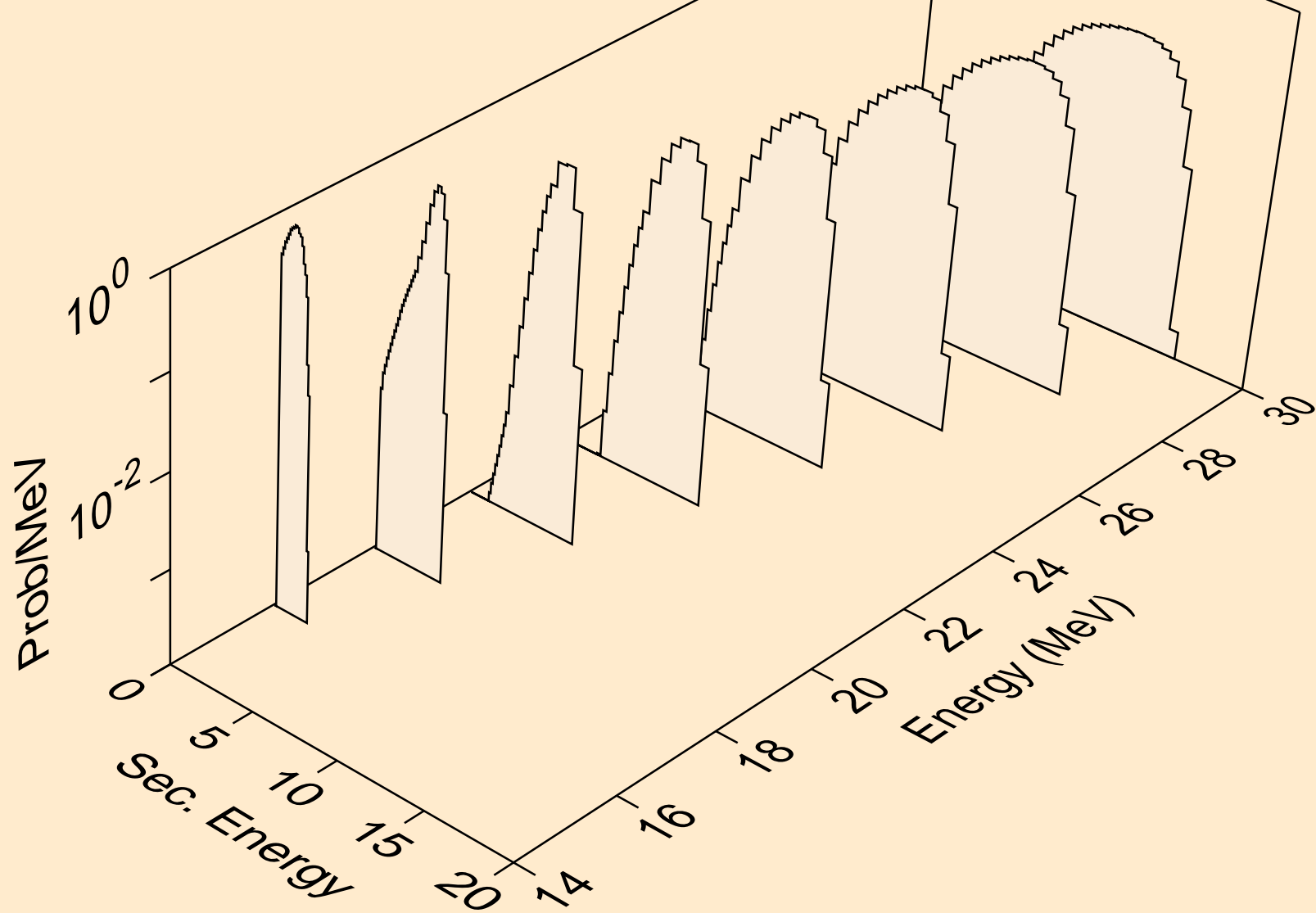
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



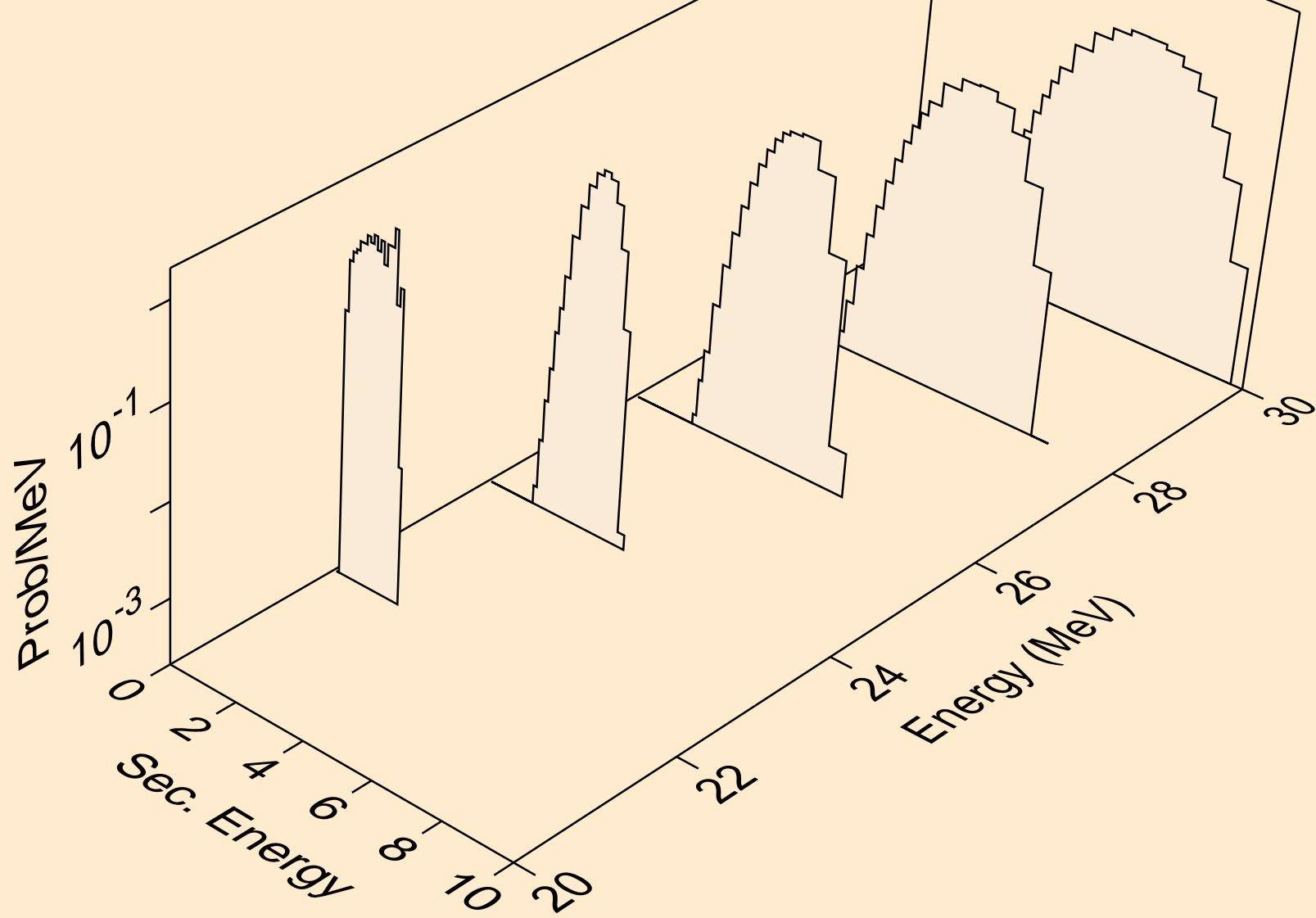
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



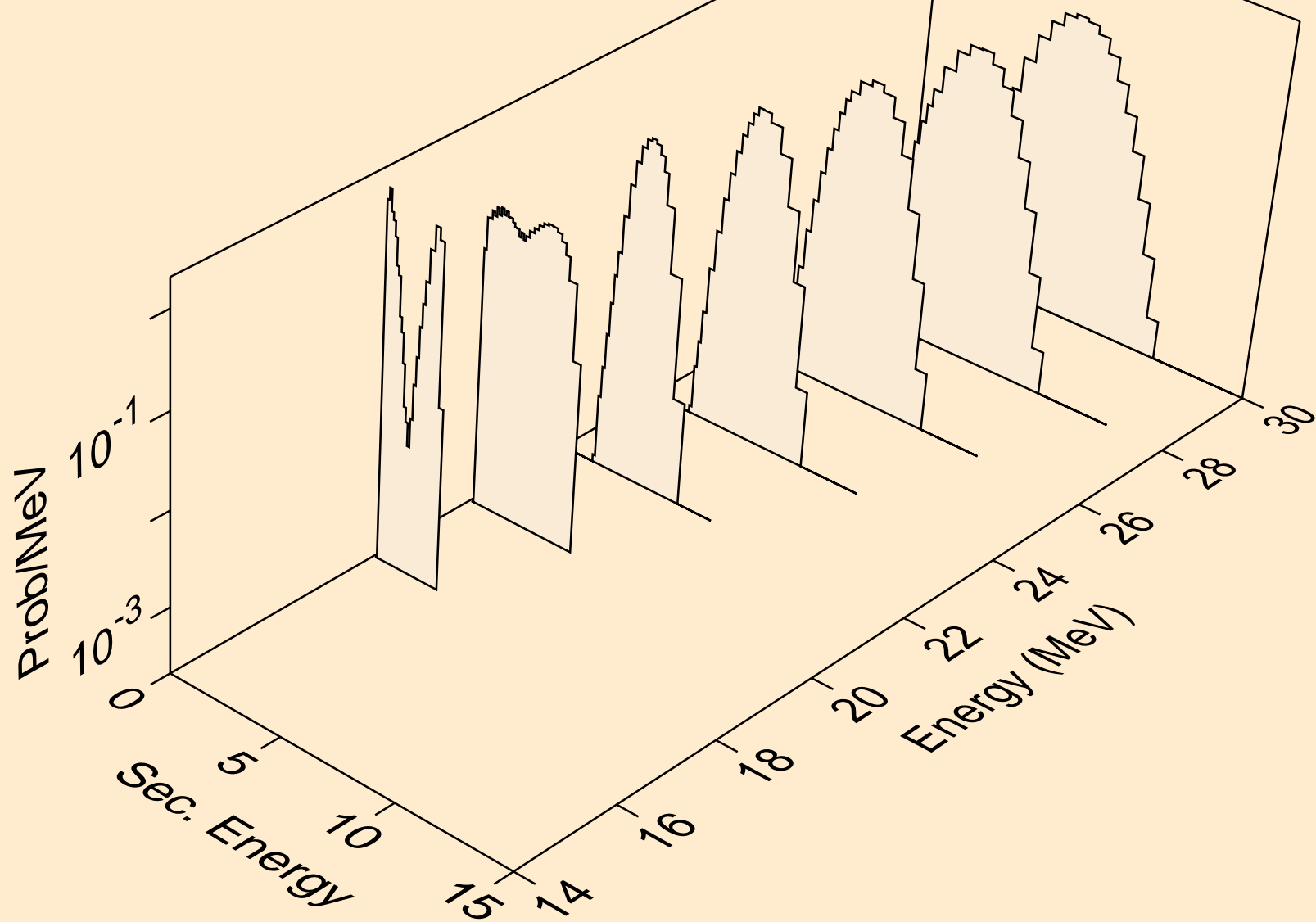
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



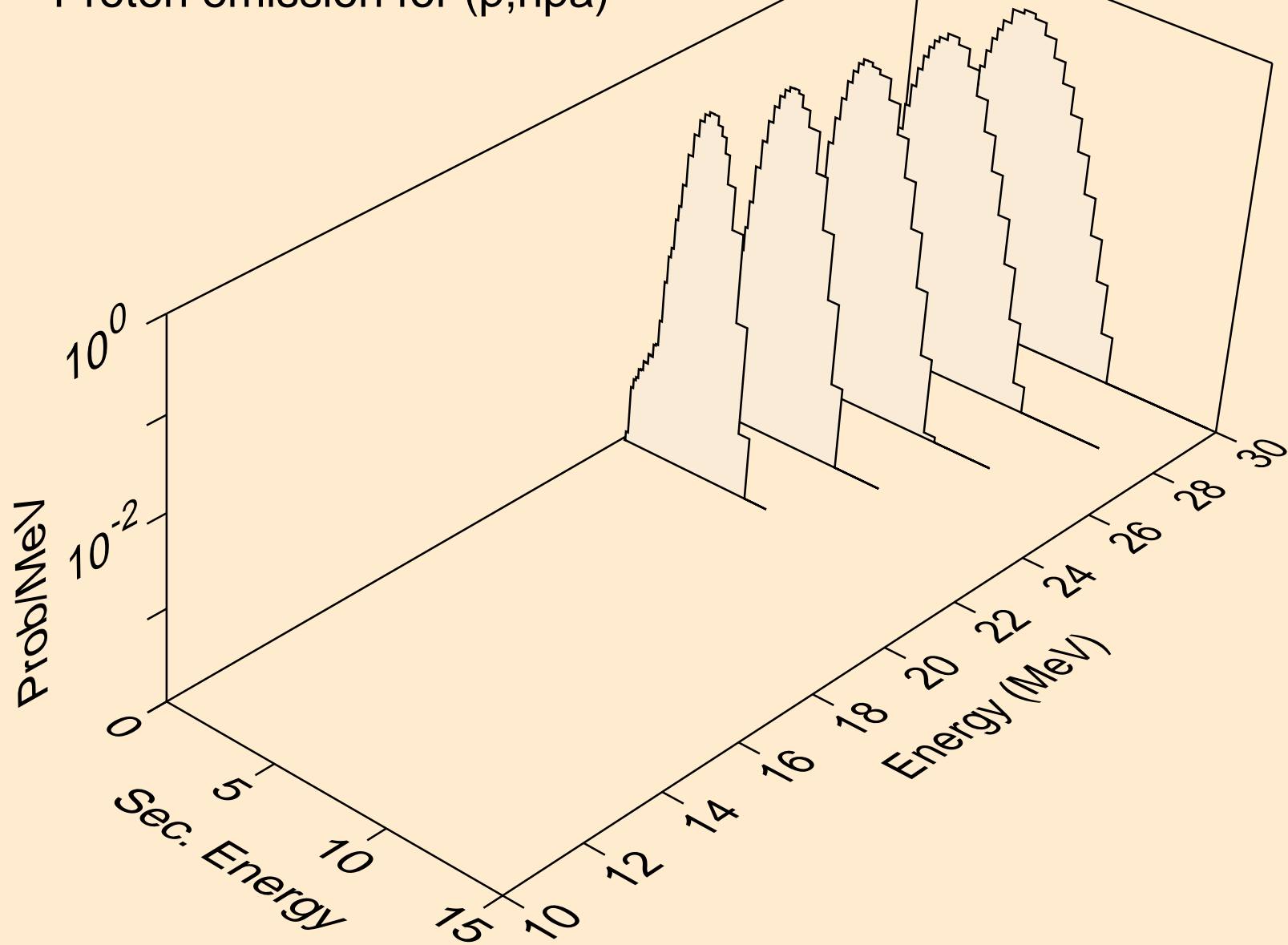
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



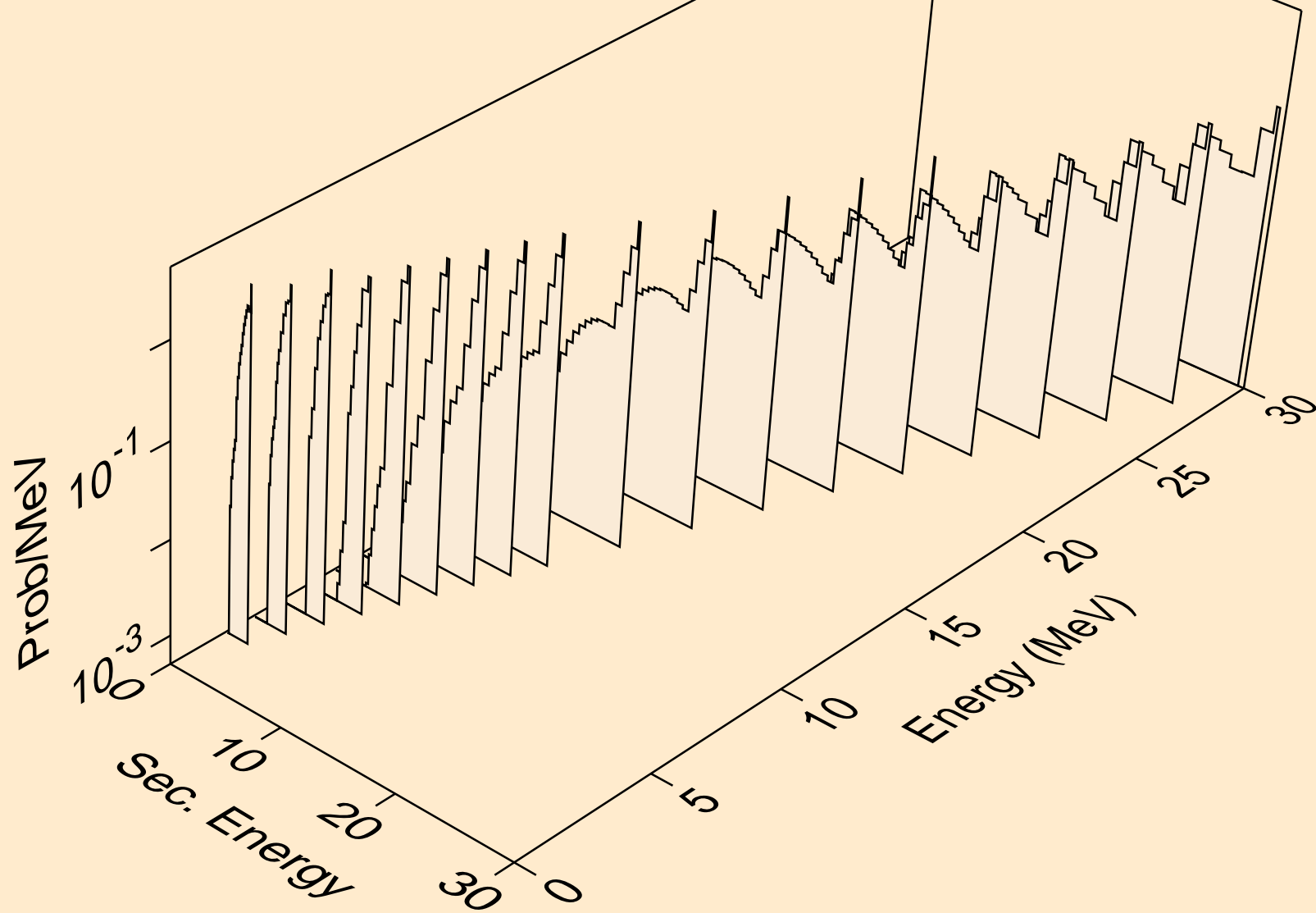
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

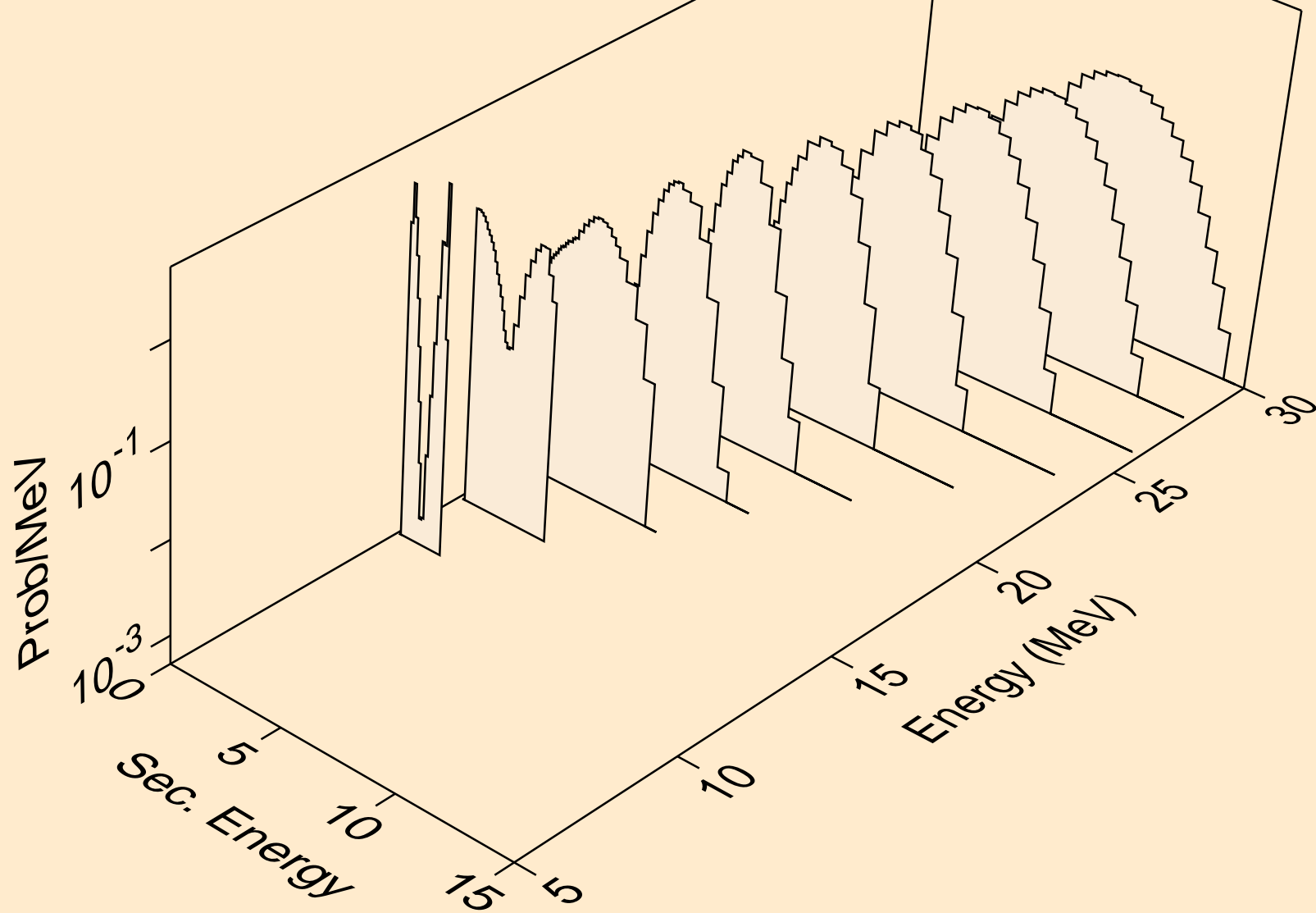


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

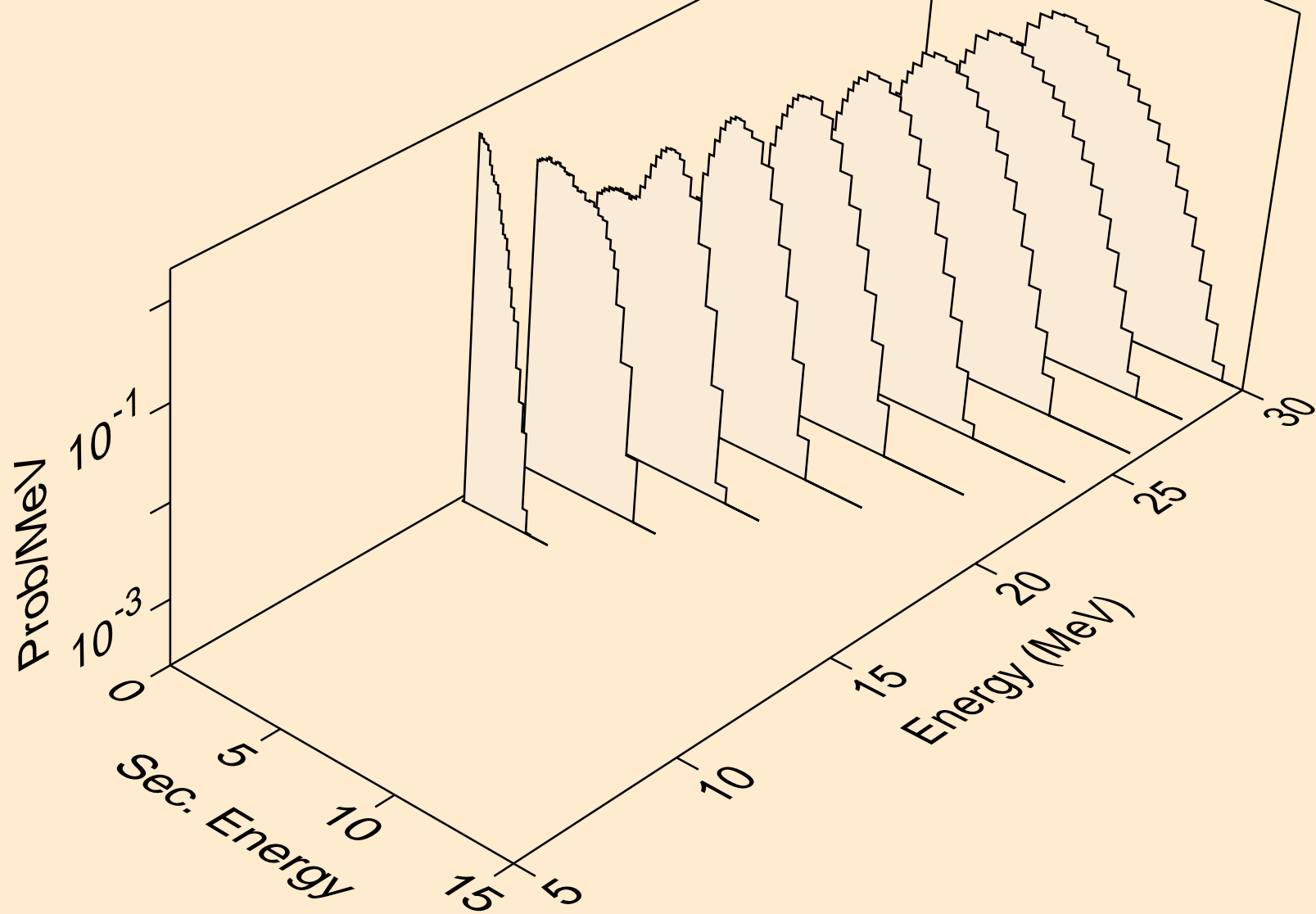




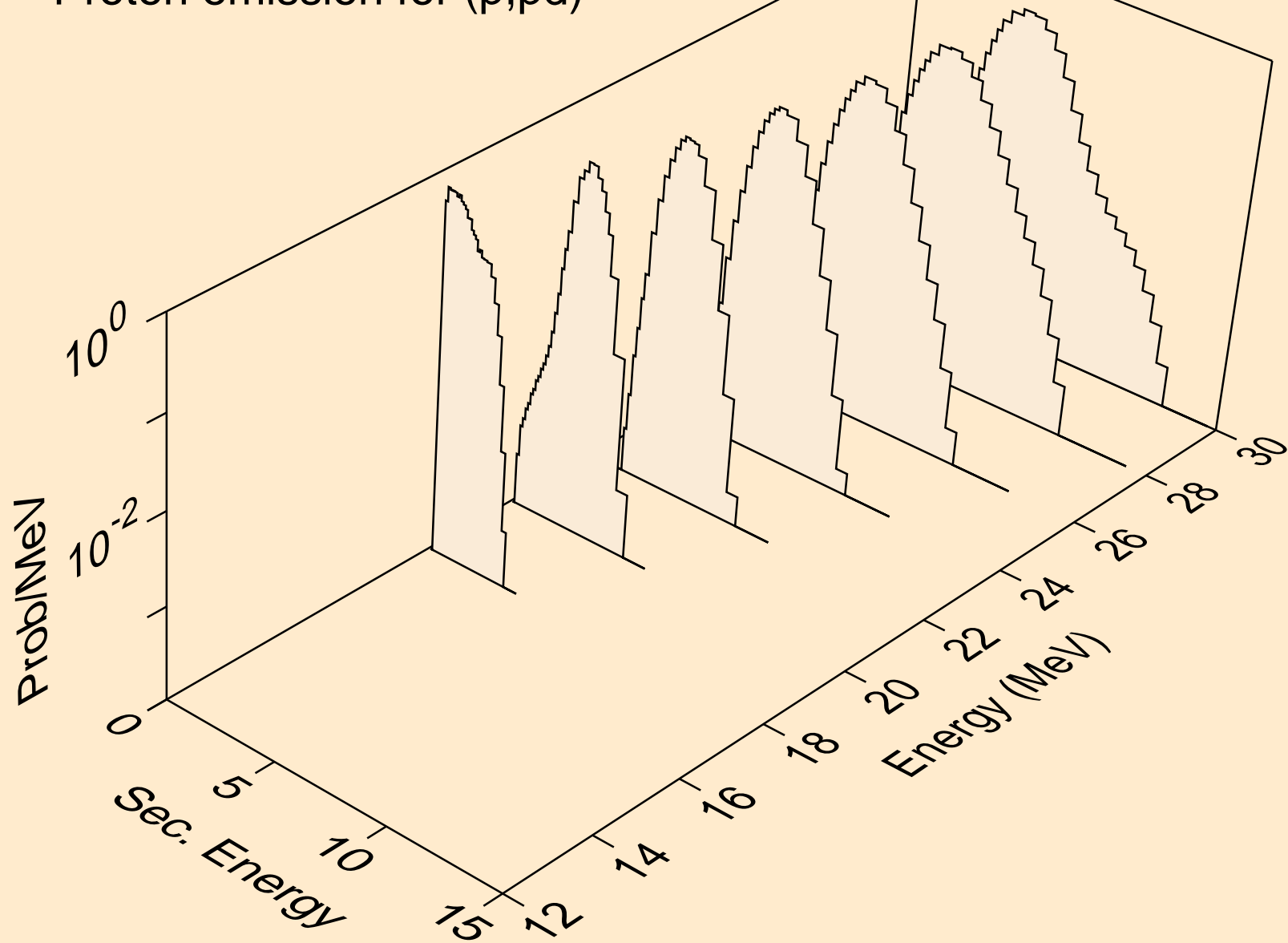
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



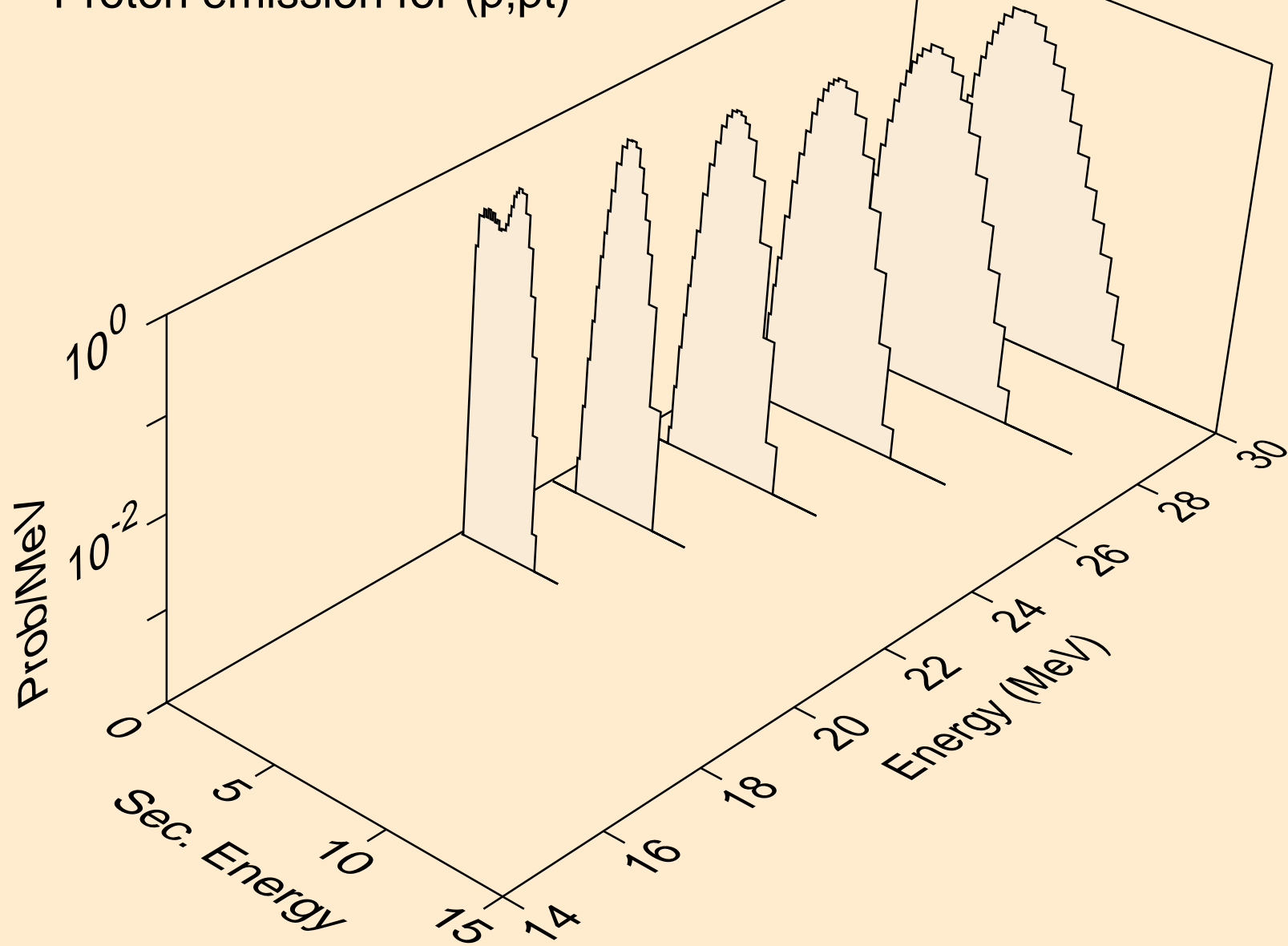
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



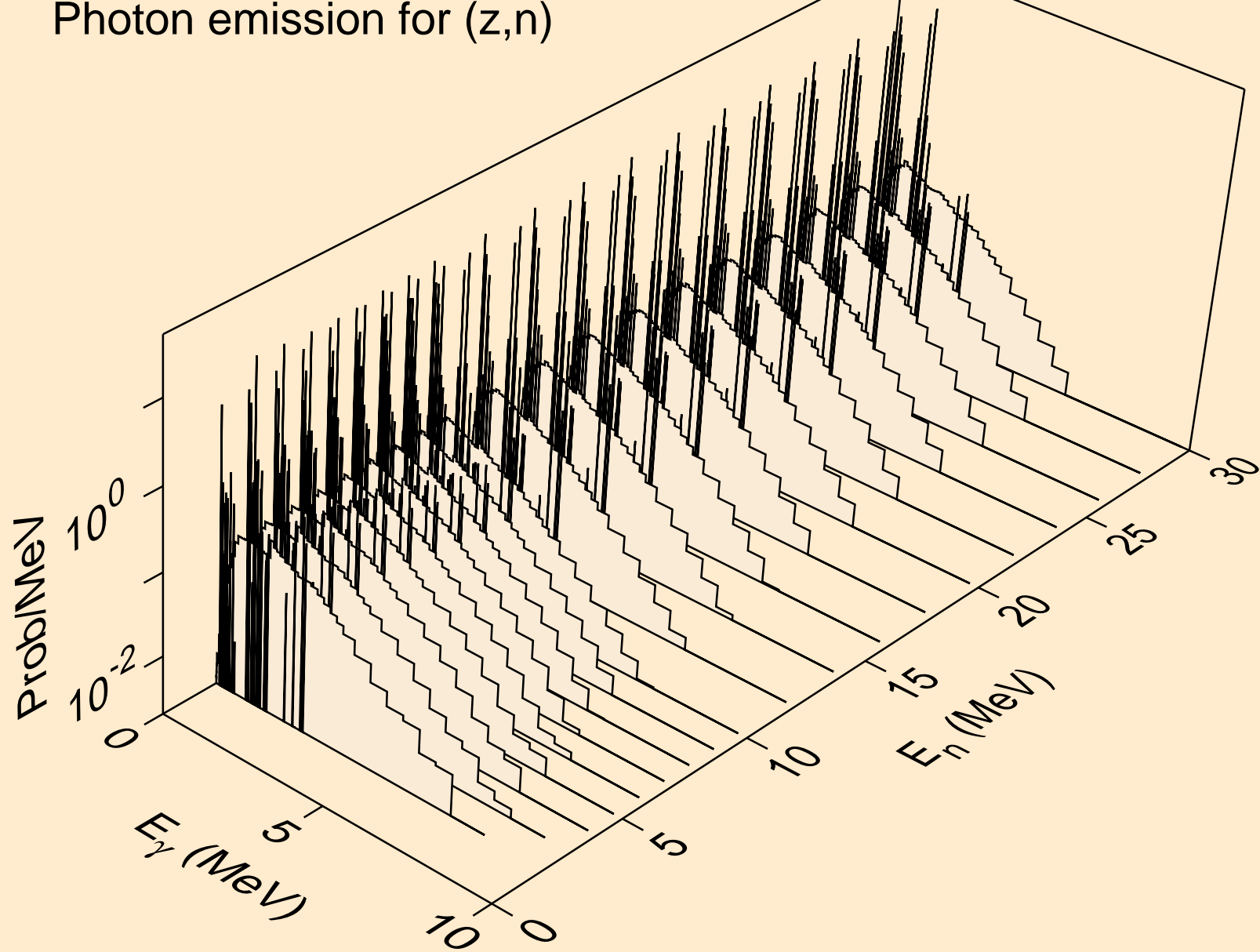
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



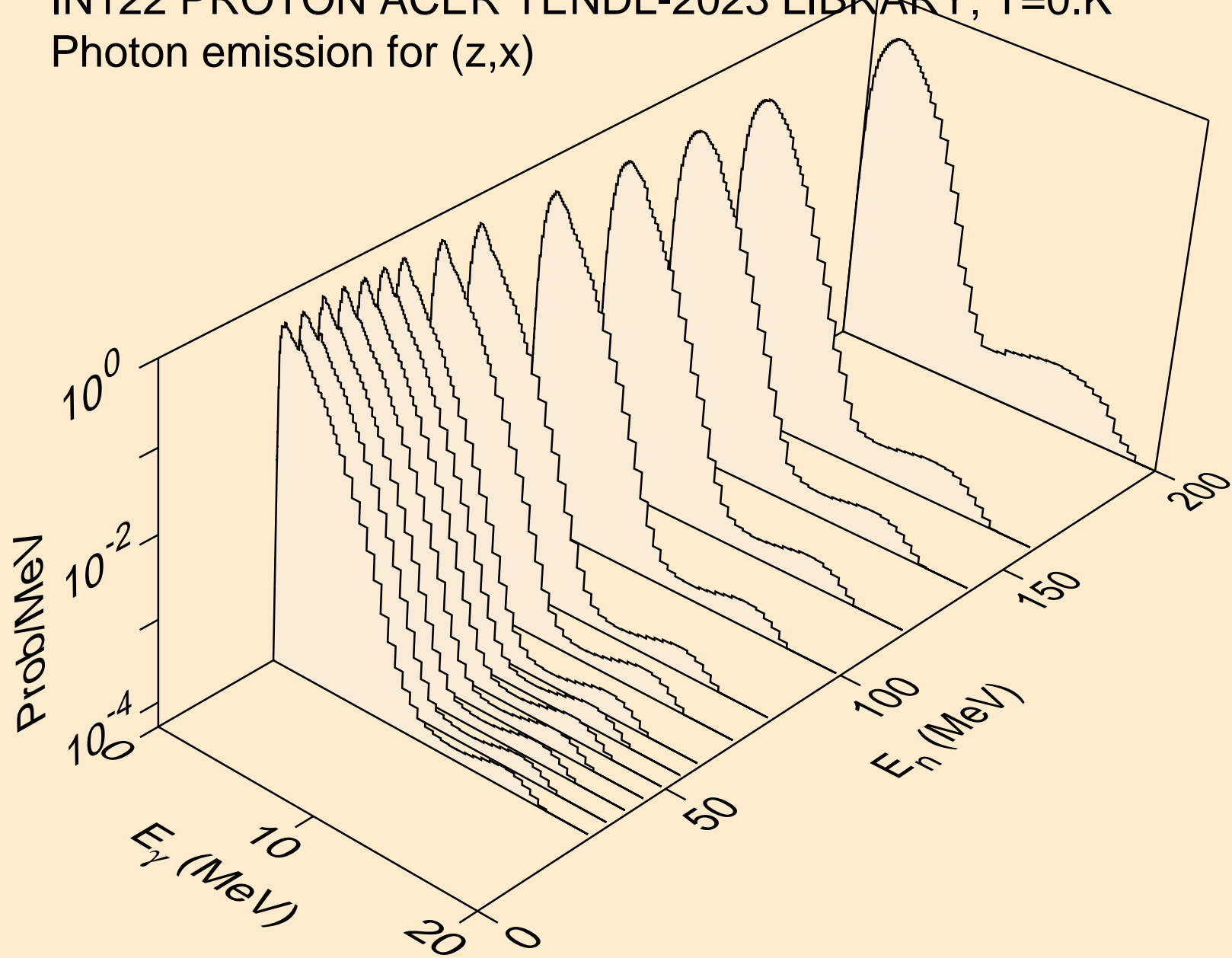
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



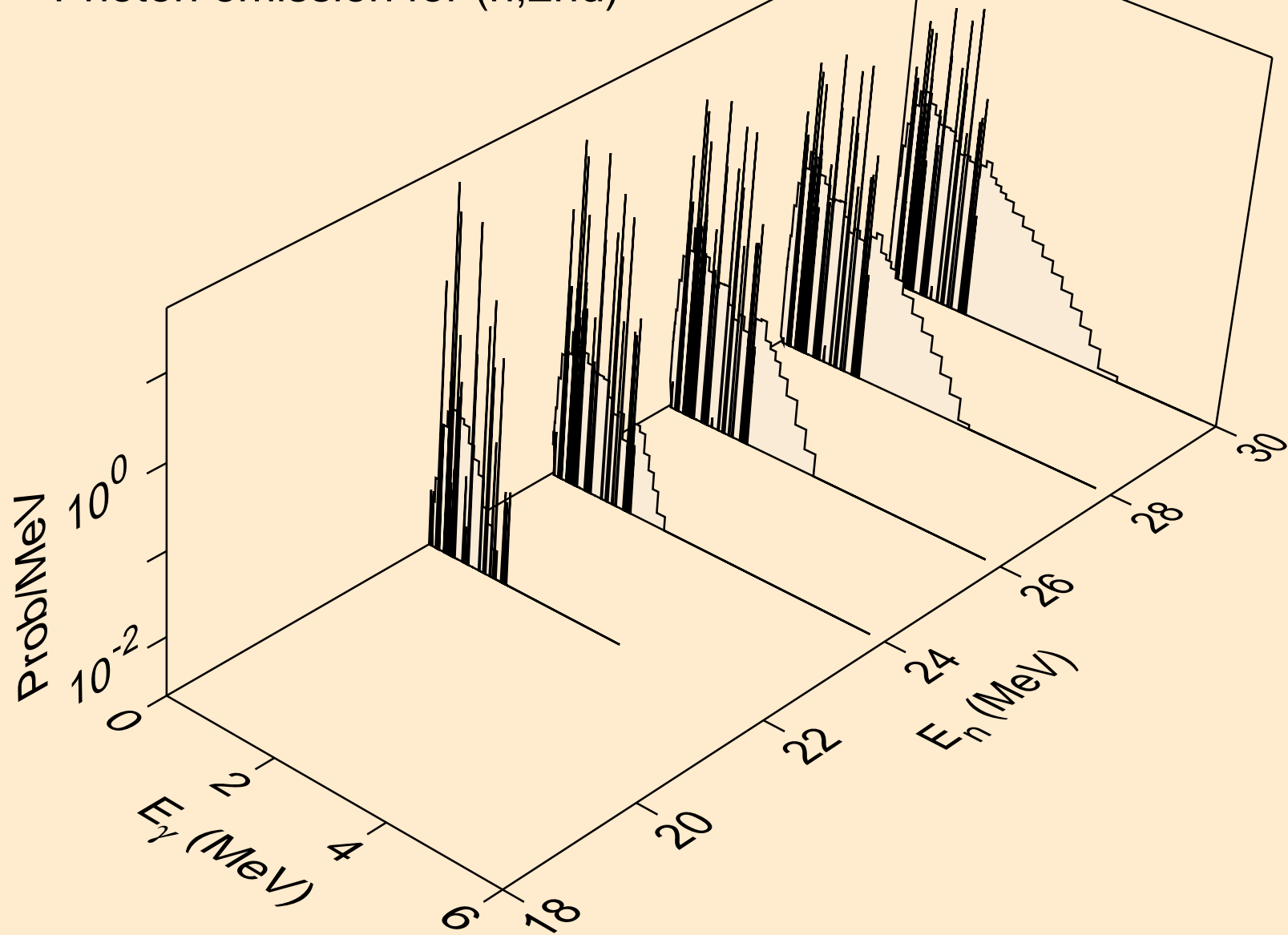
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



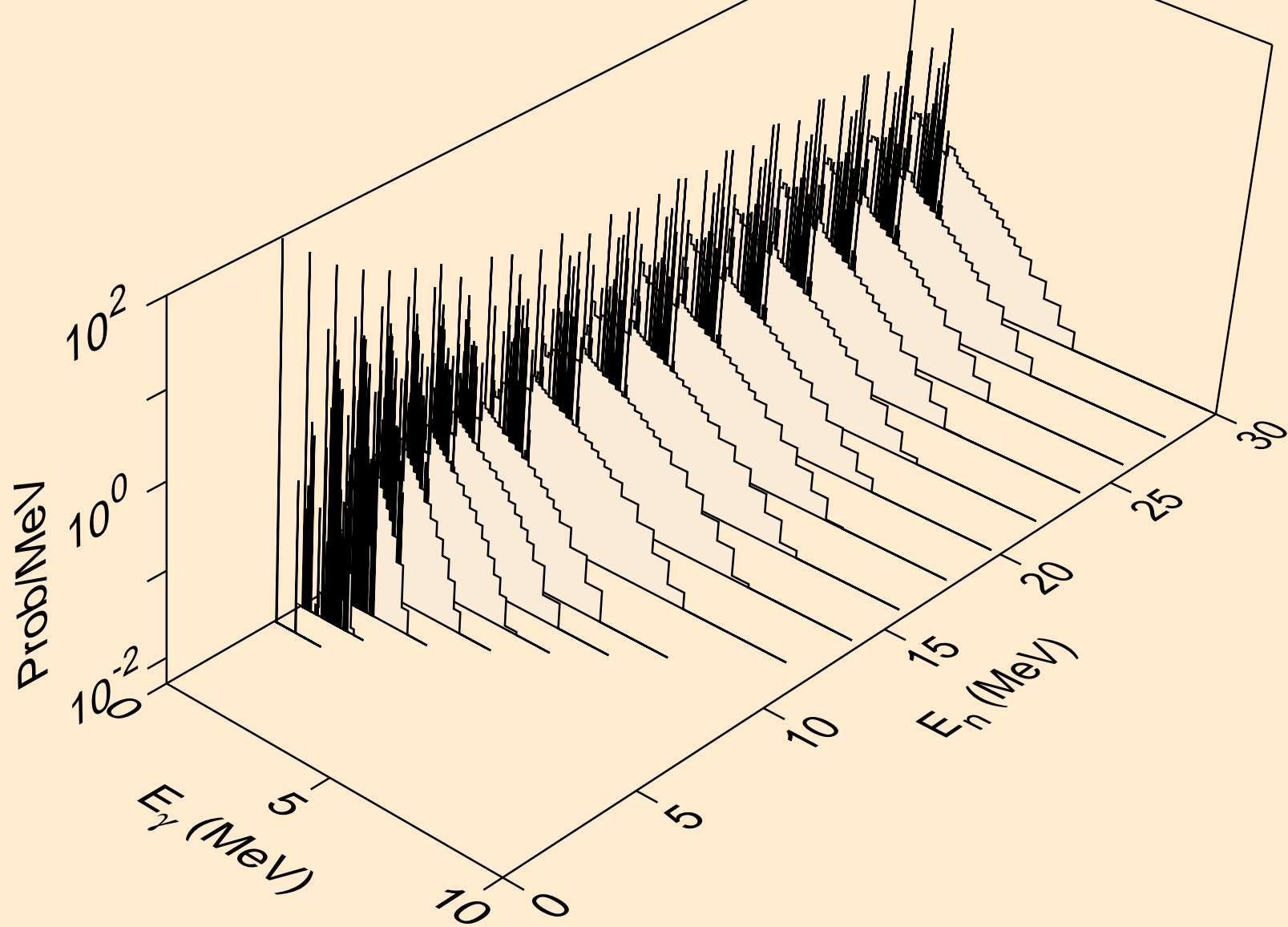
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

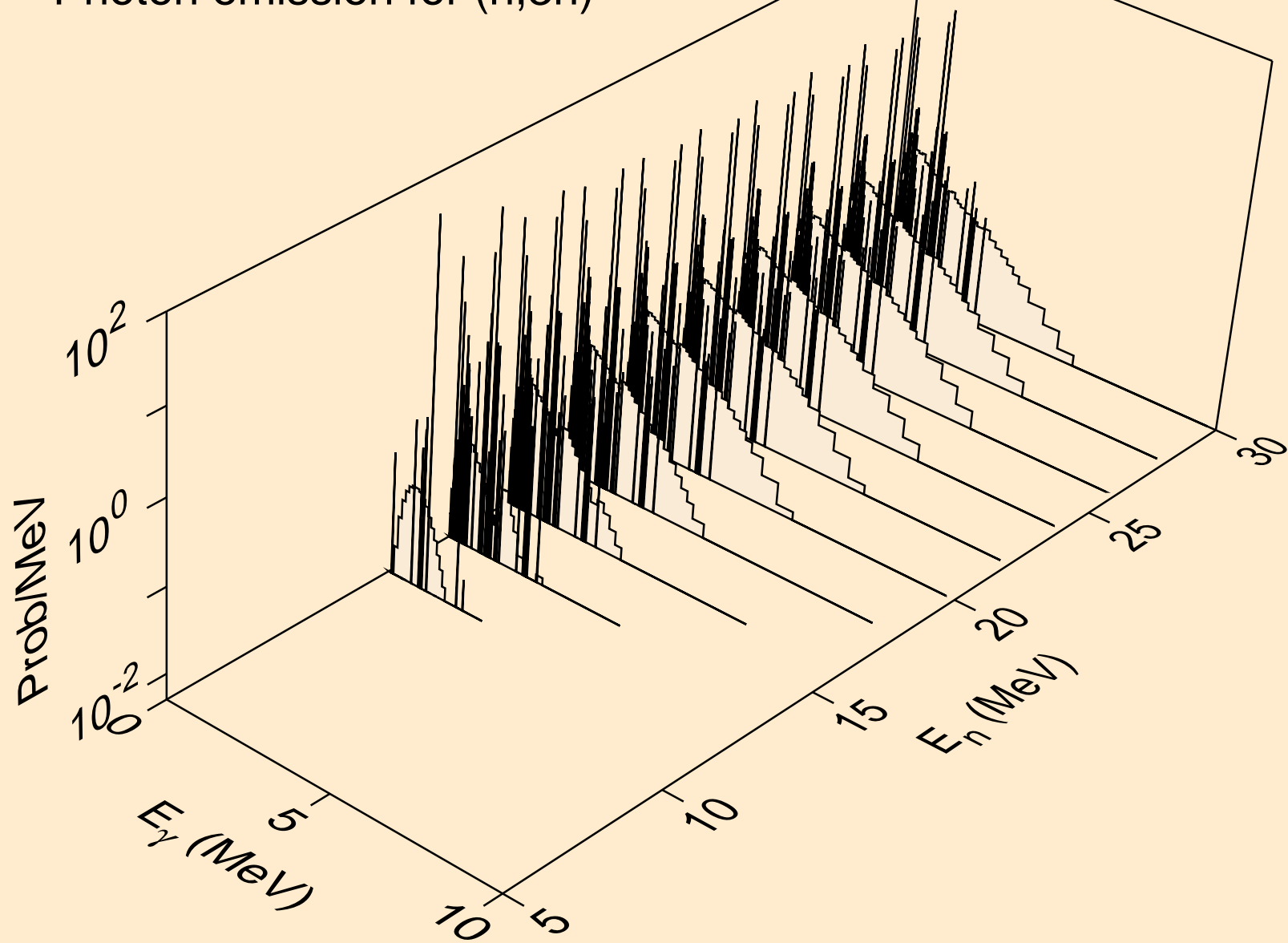


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

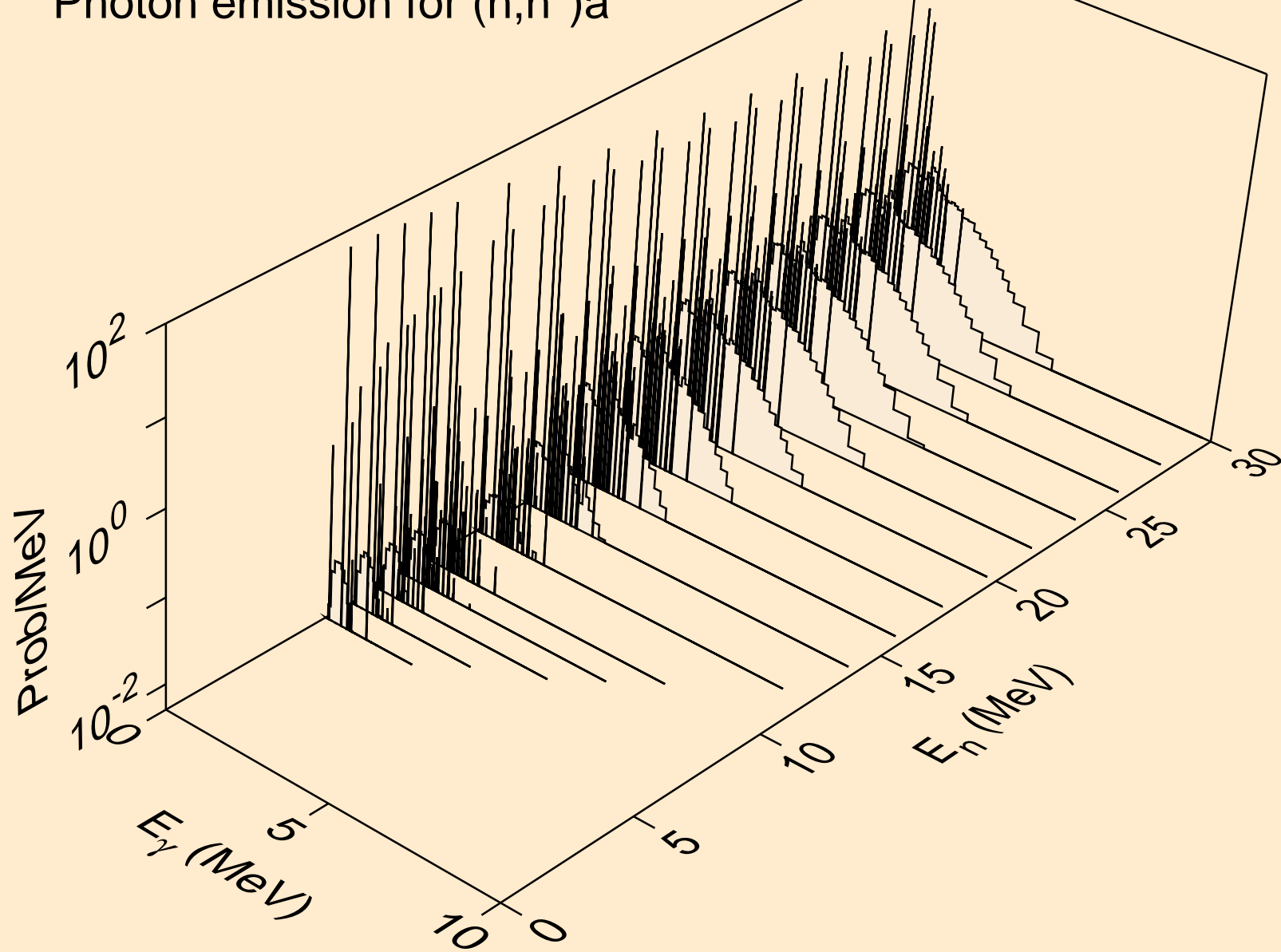




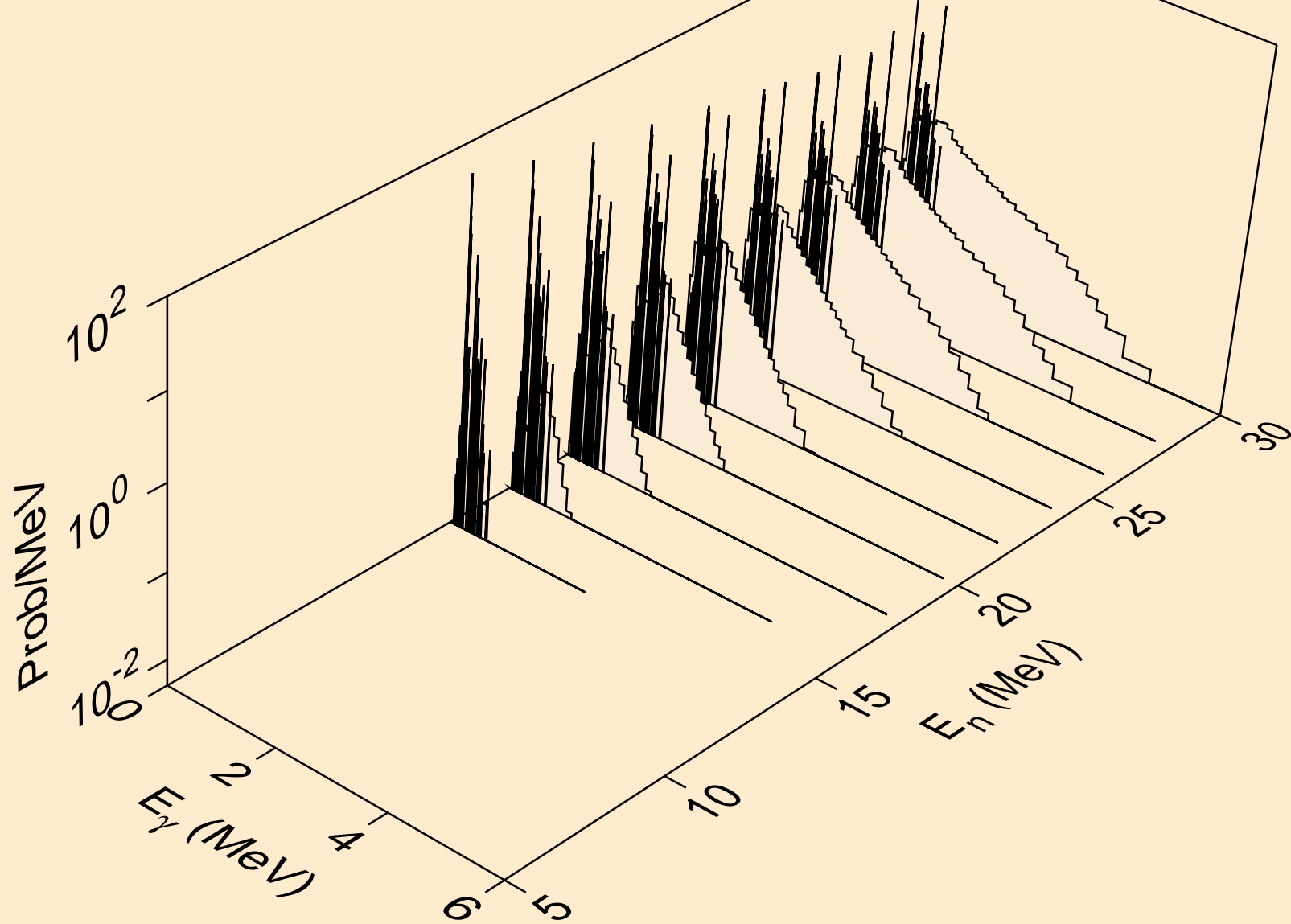
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



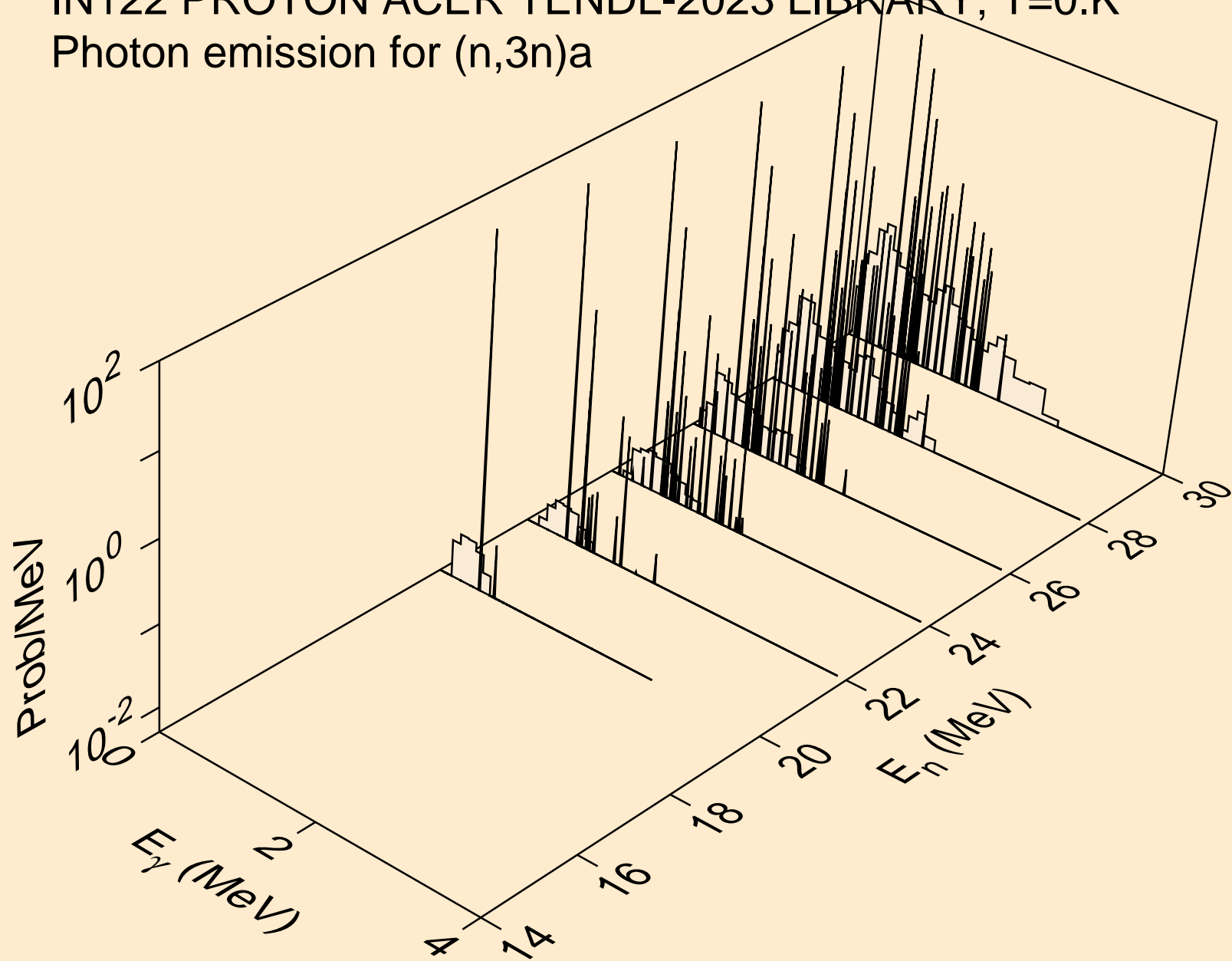
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



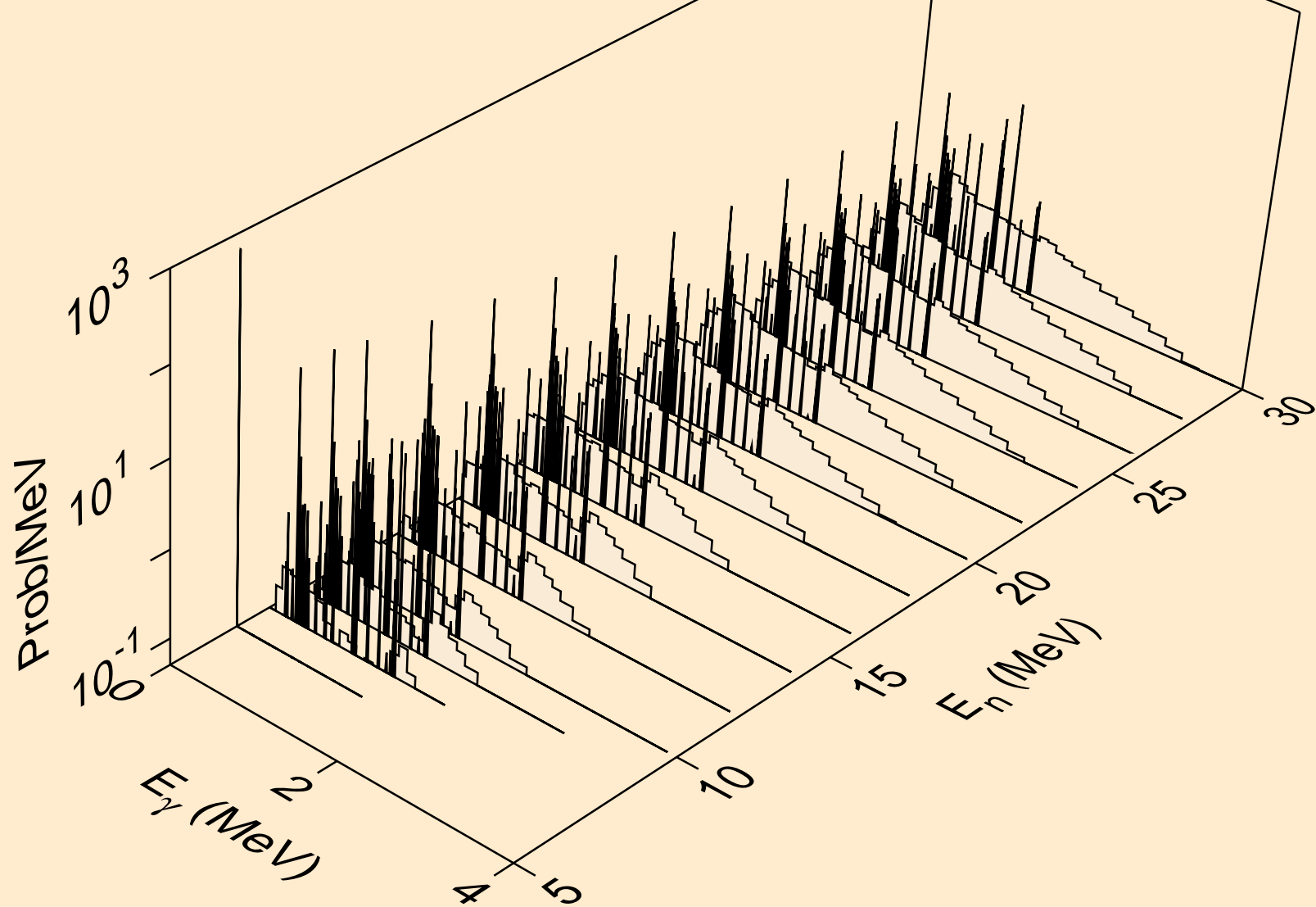
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Photon emission for (n,2n)a



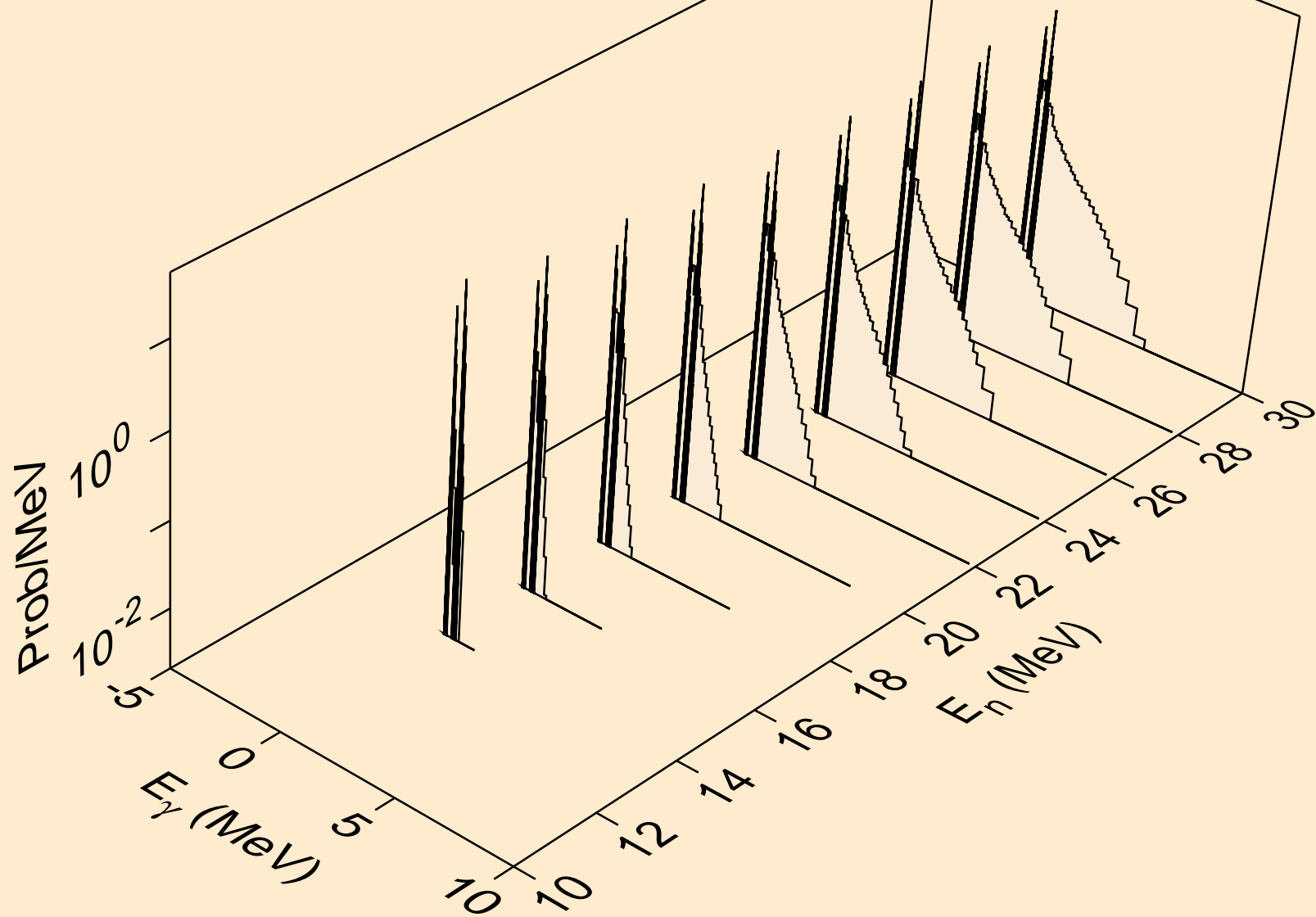
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Photon emission for (n,3n)a



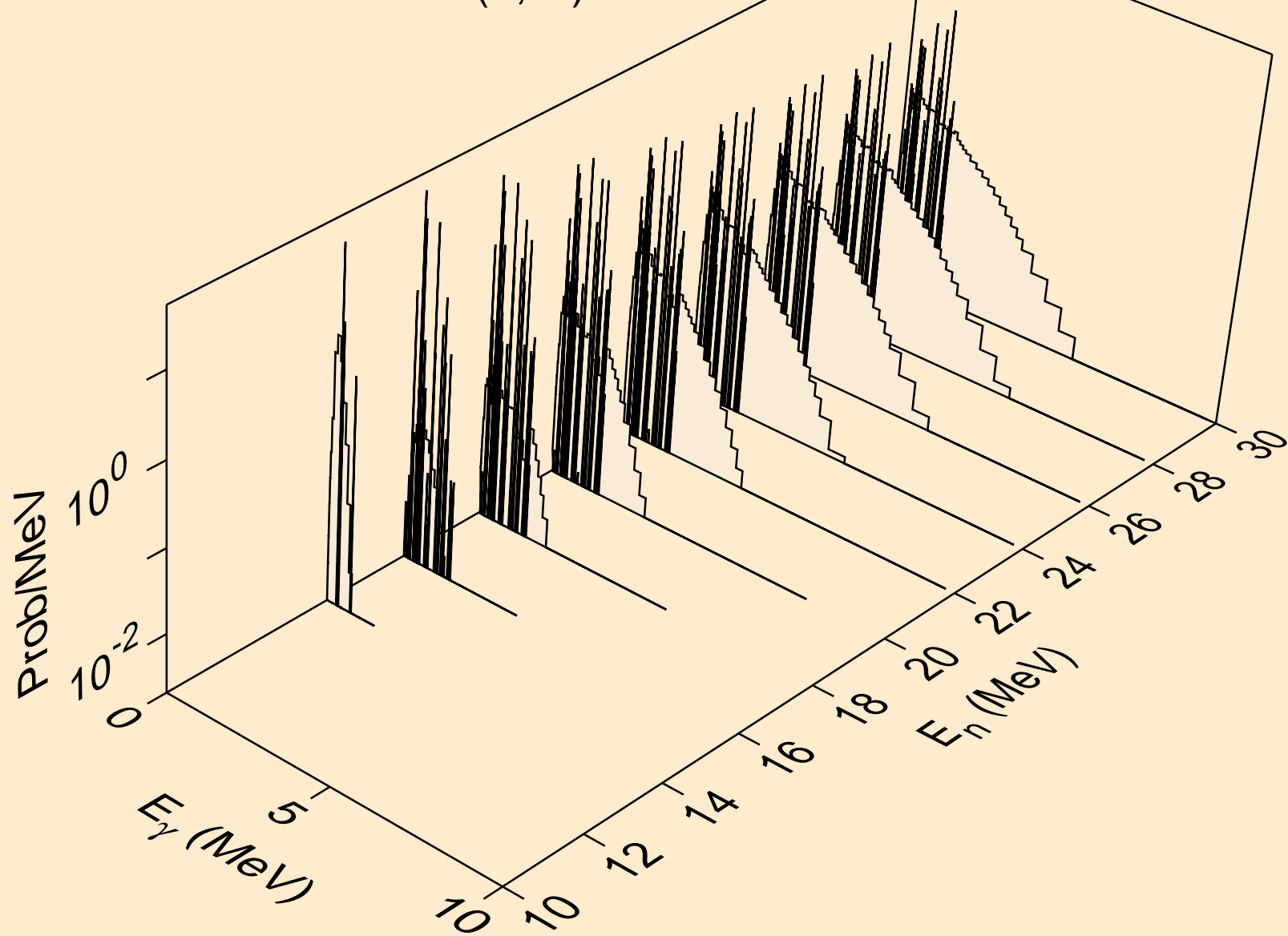
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



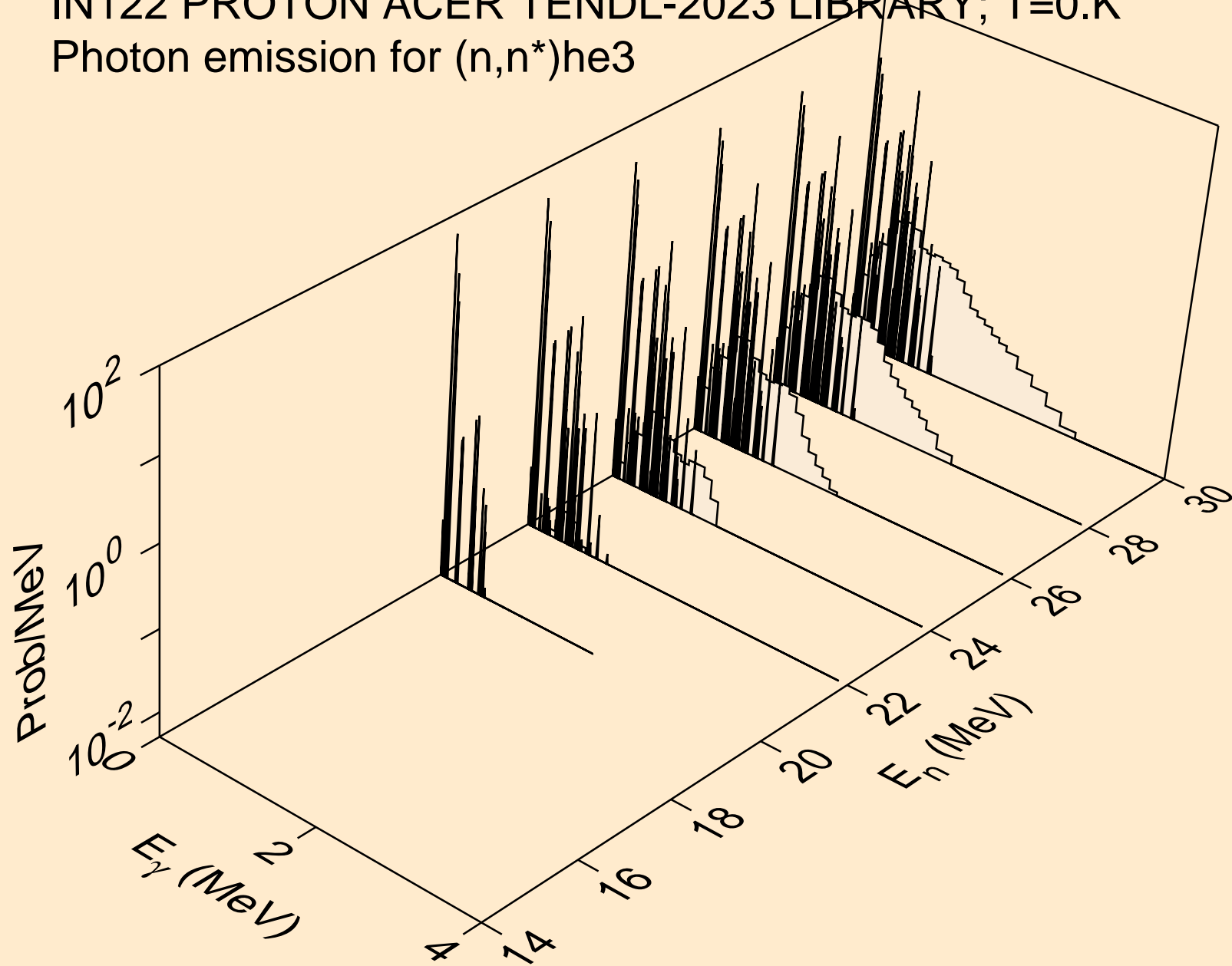
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

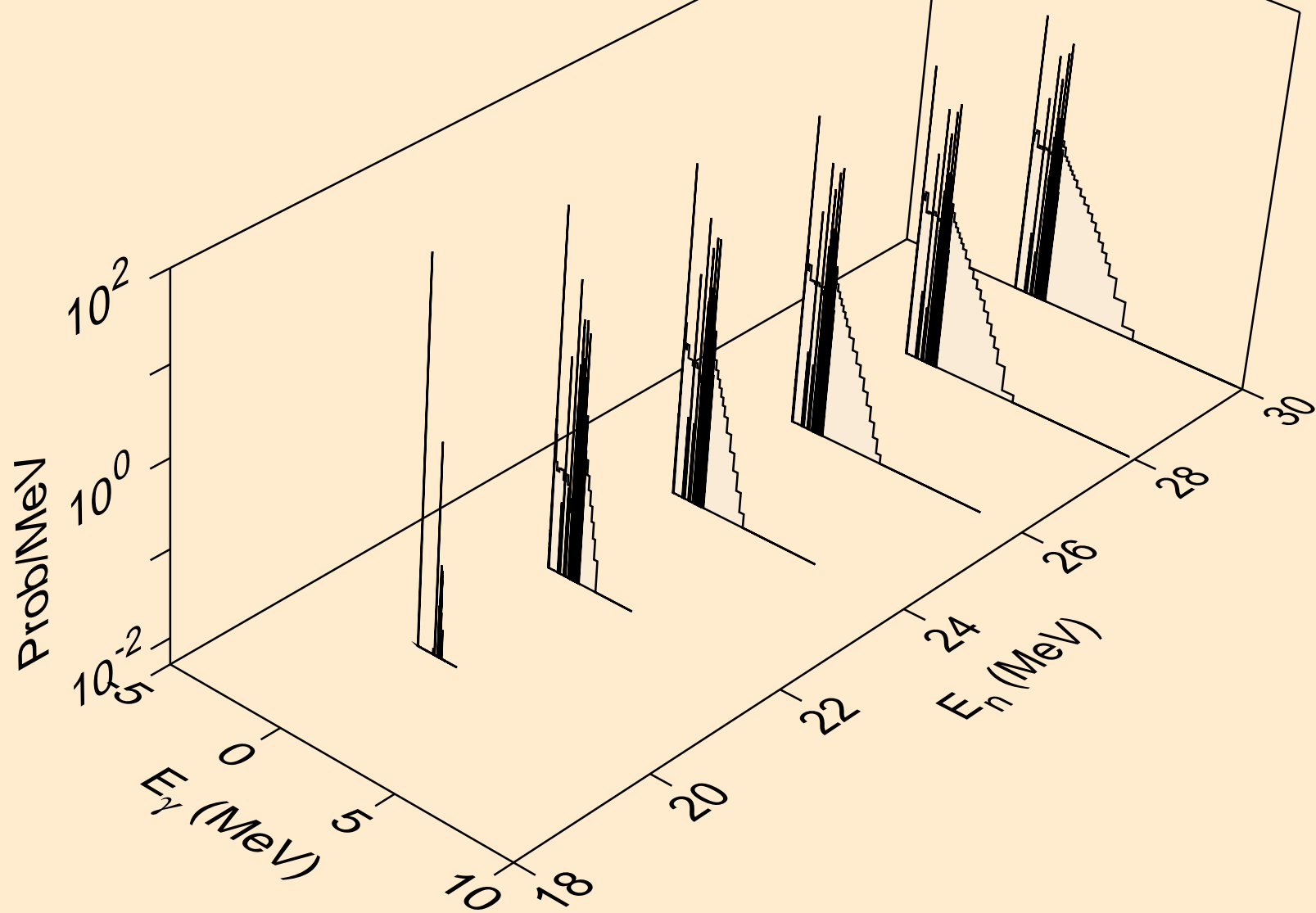


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

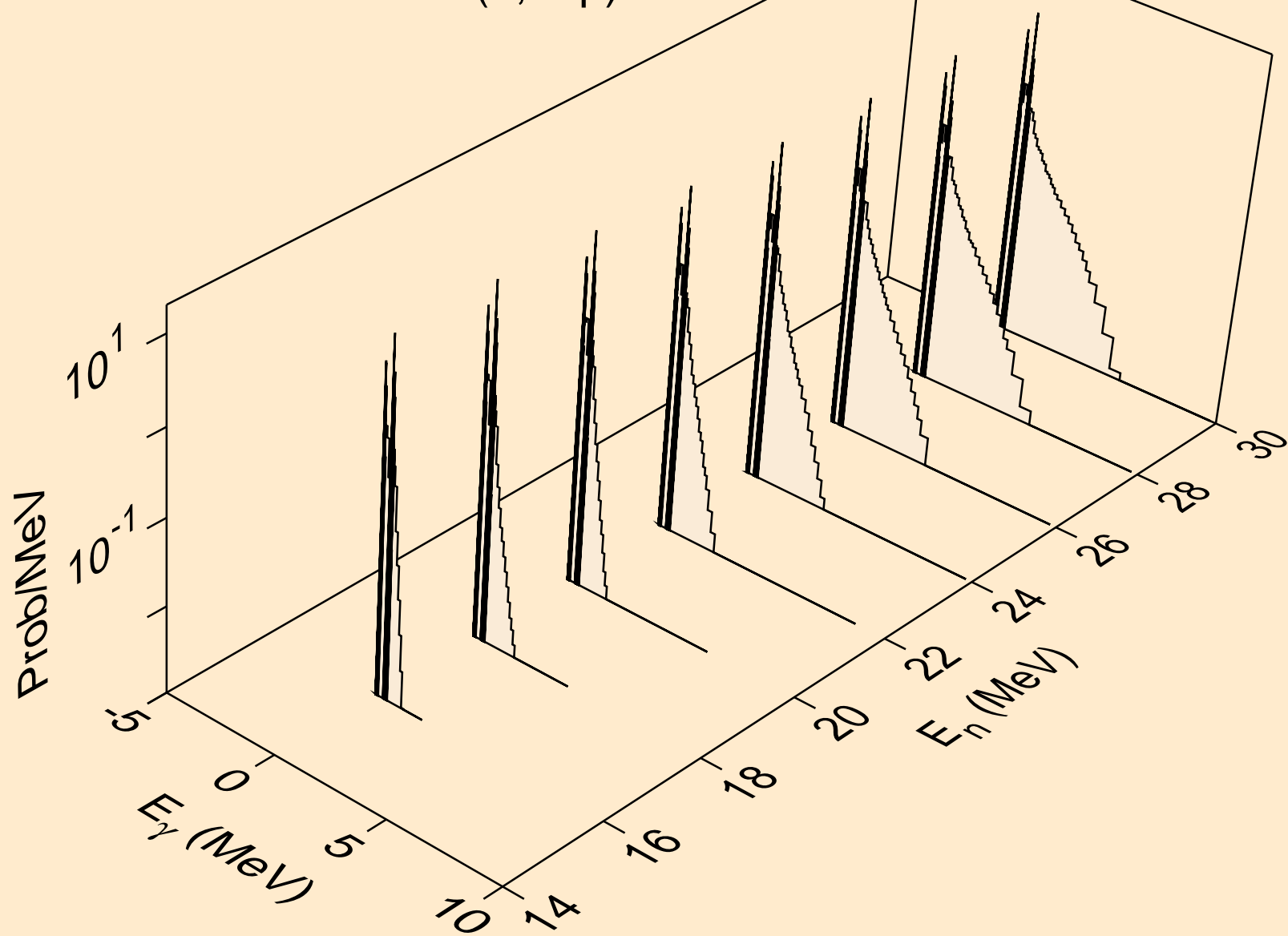




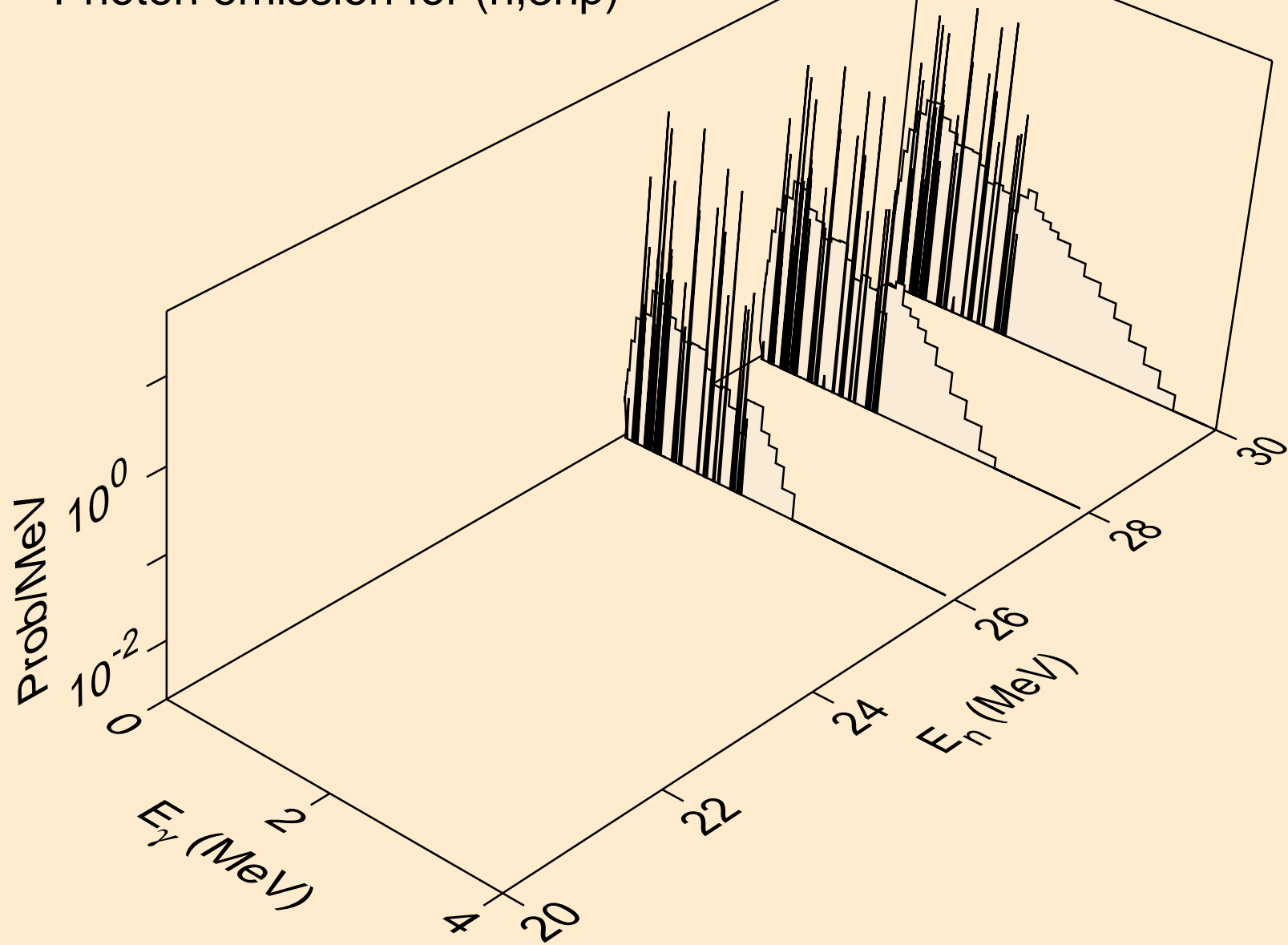
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



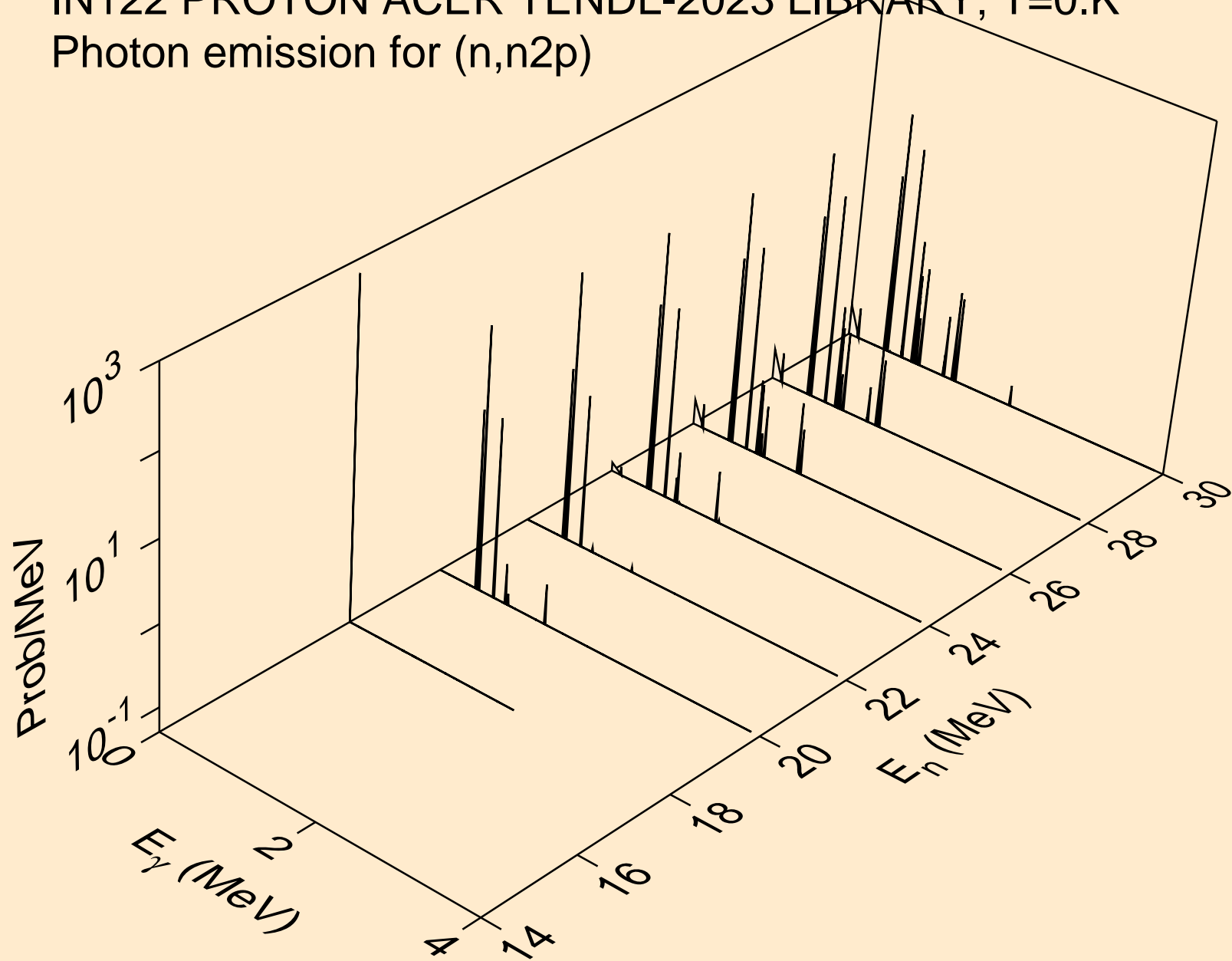
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Photon emission for (n,2np)



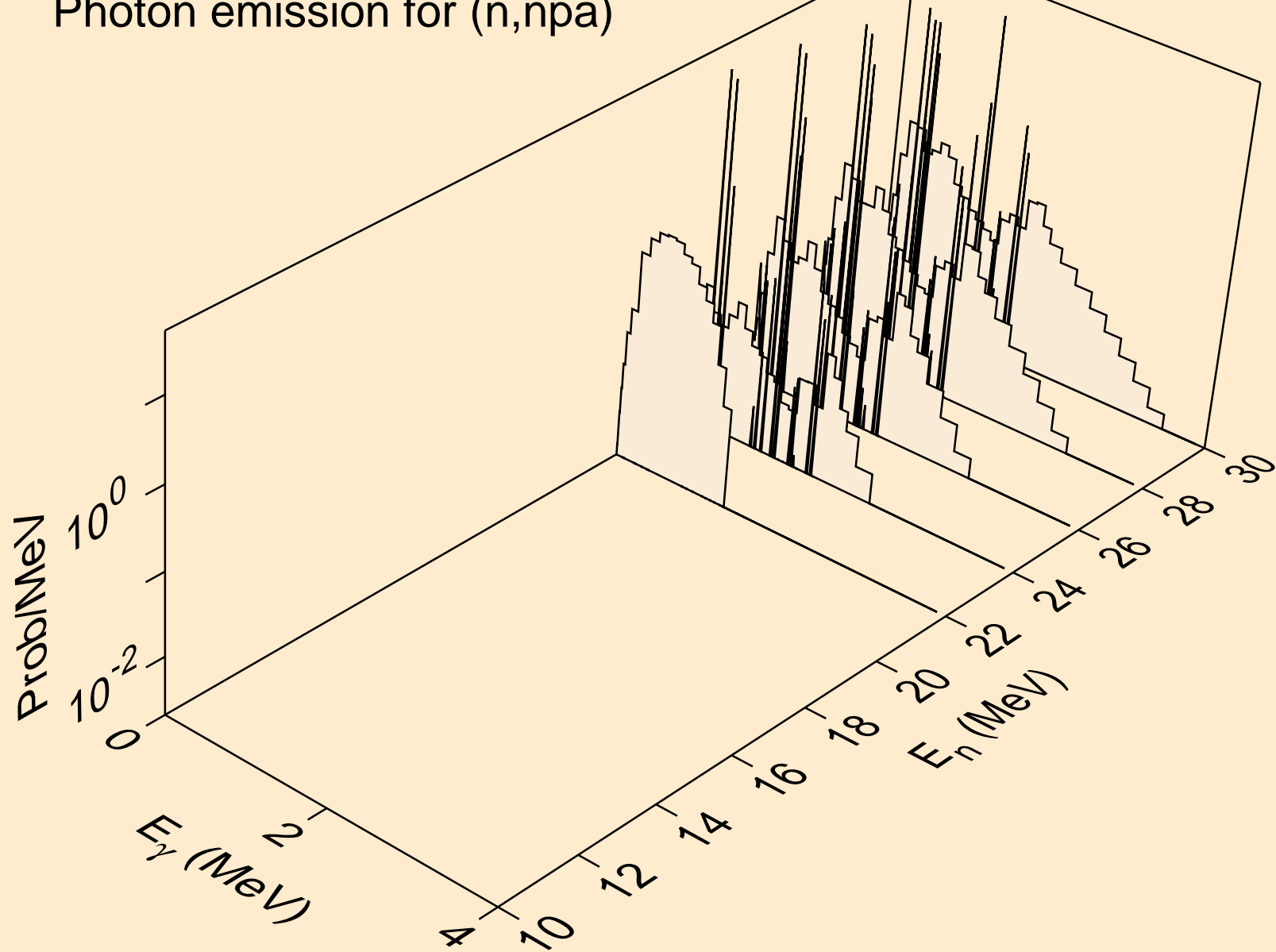
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Photon emission for (n,3np)



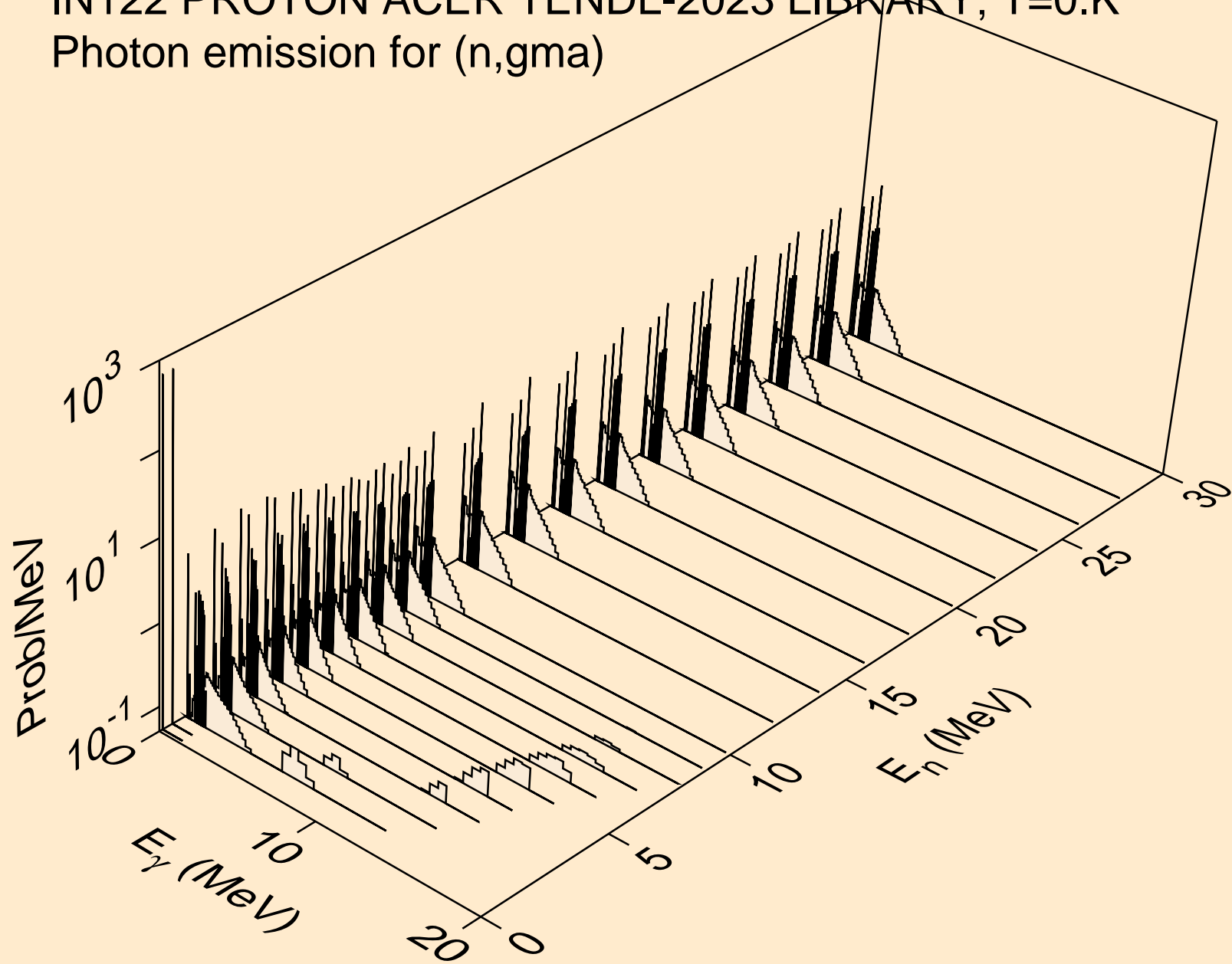
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Photon emission for (n,n2p)



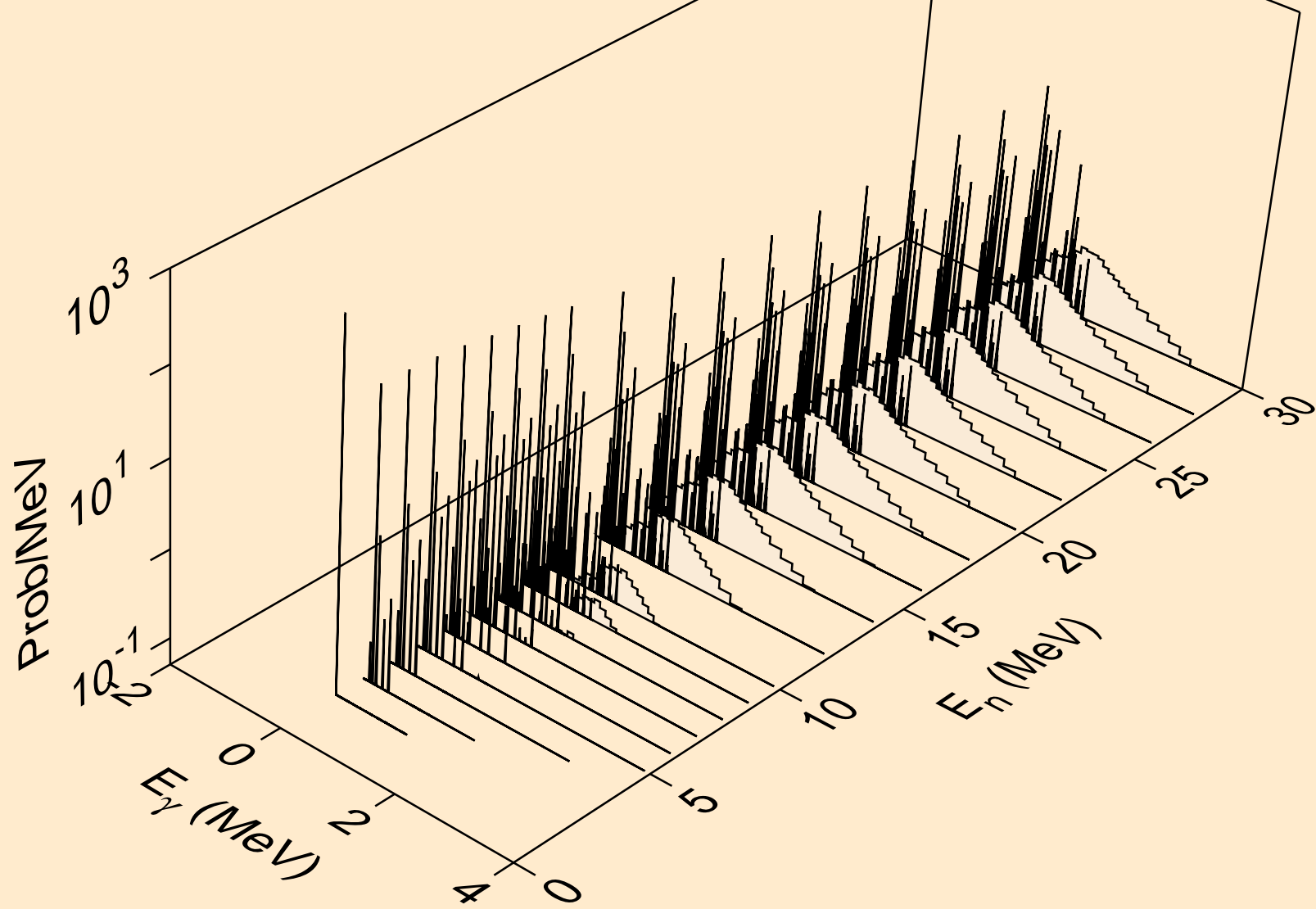
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Photon emission for (n,npa)



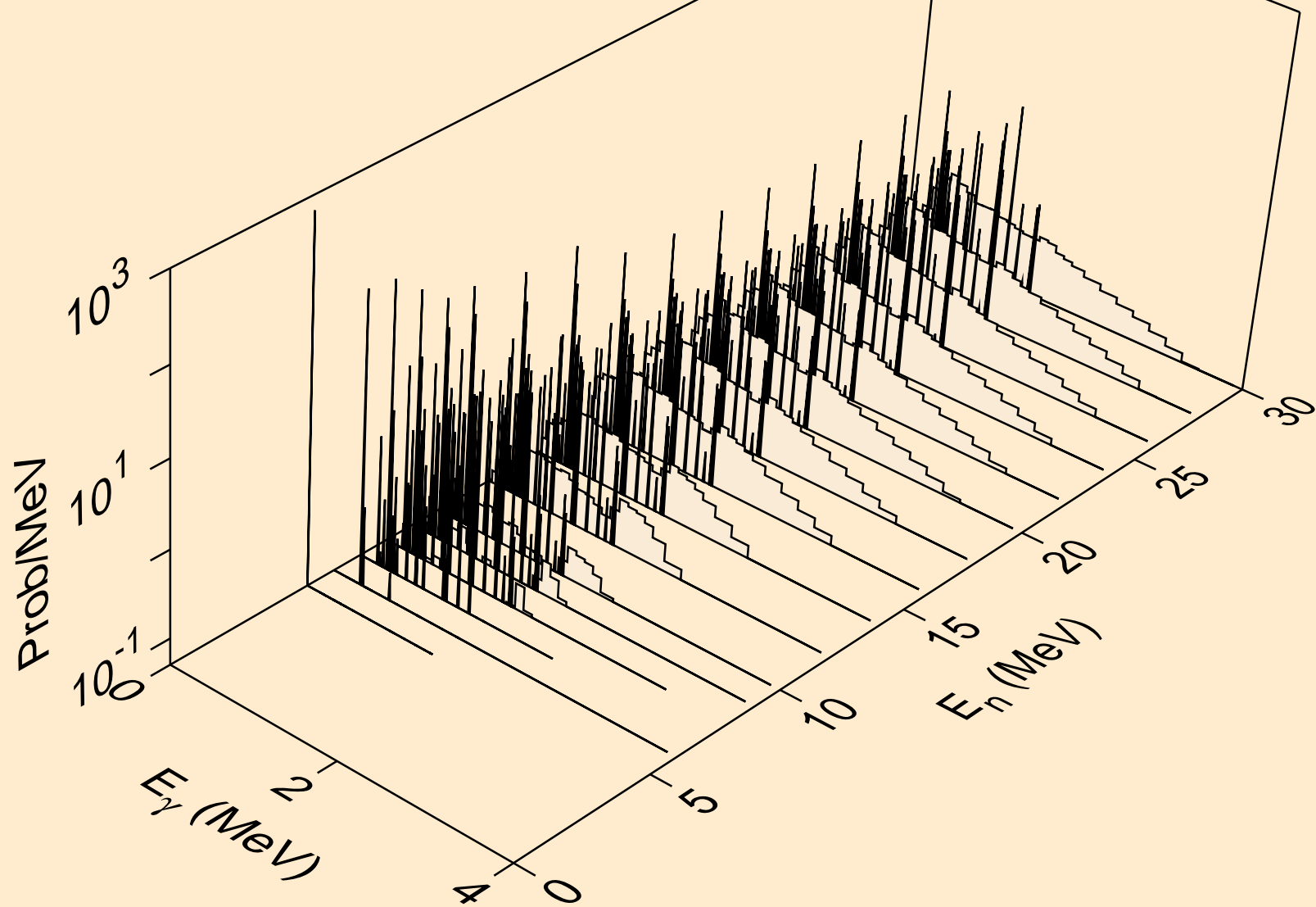
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

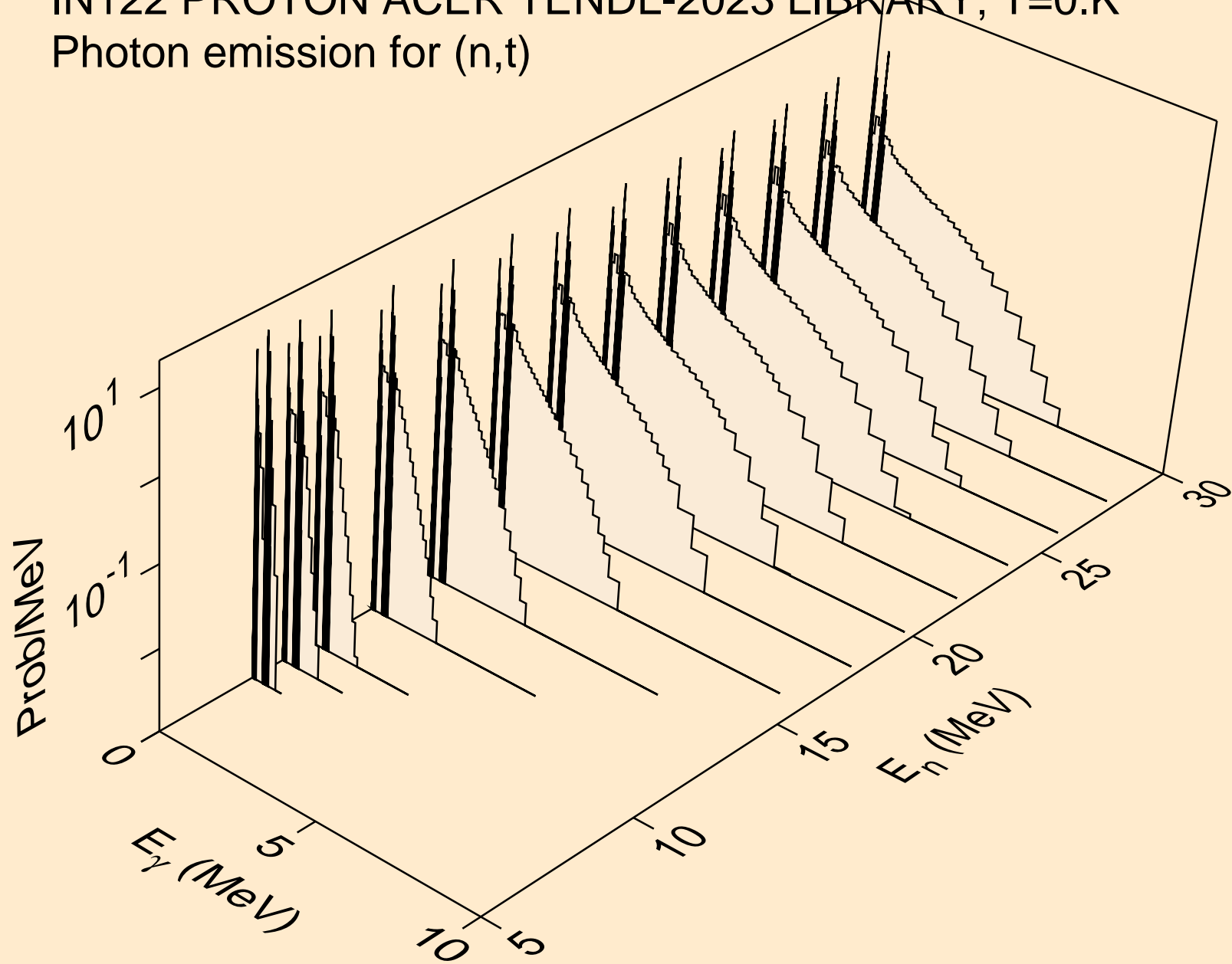


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

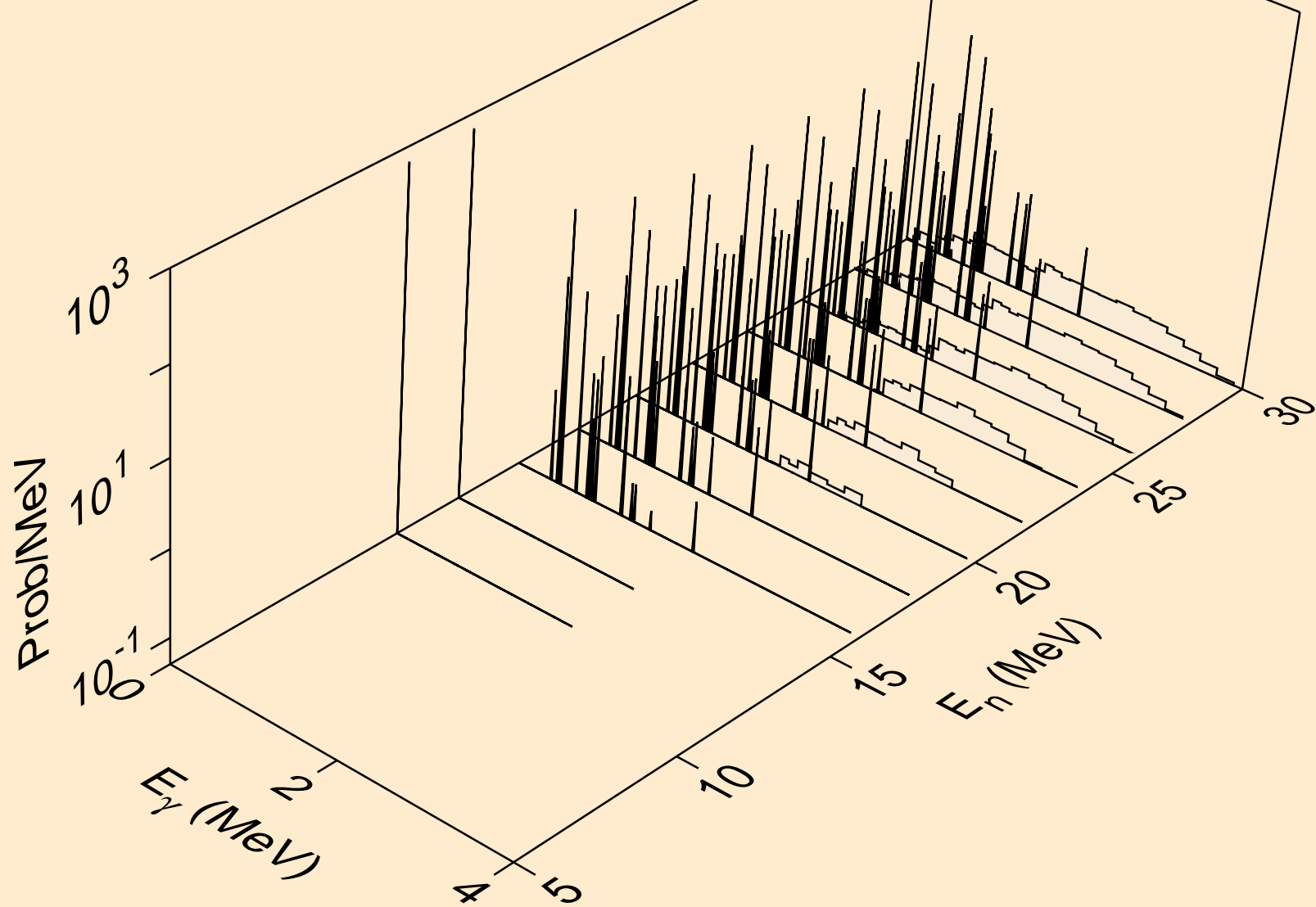




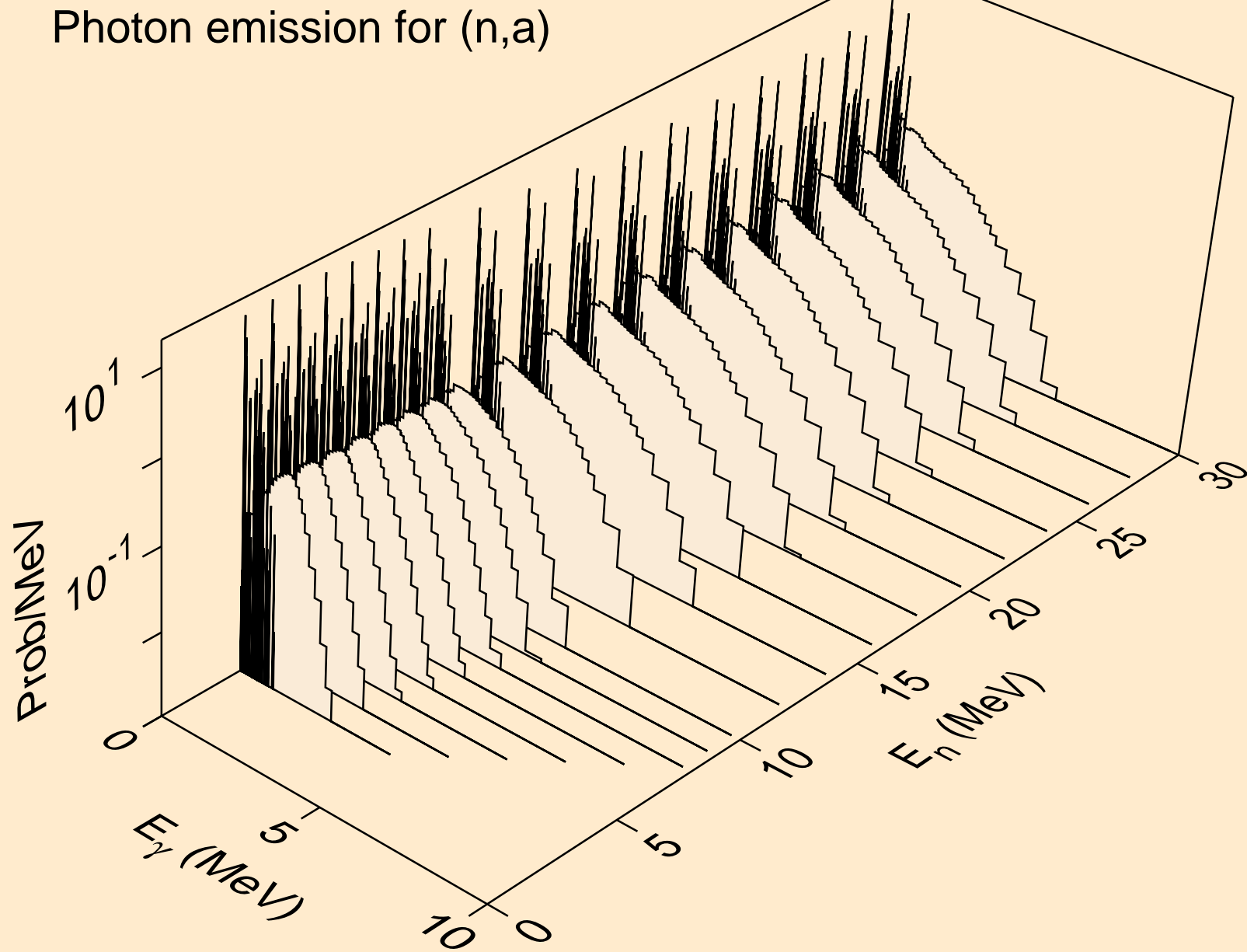
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Photon emission for (n,t)



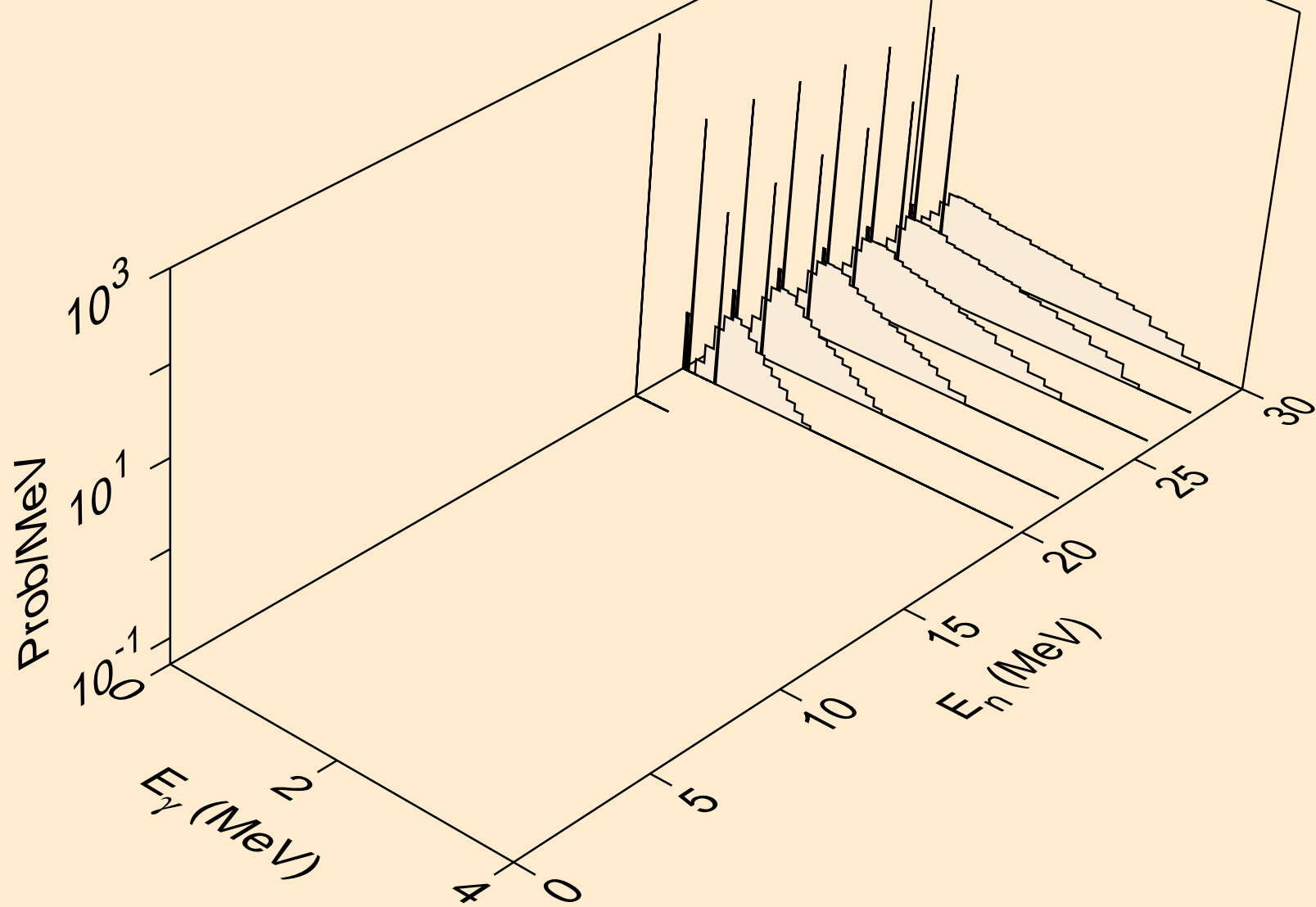
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Photon emission for (n,he3)



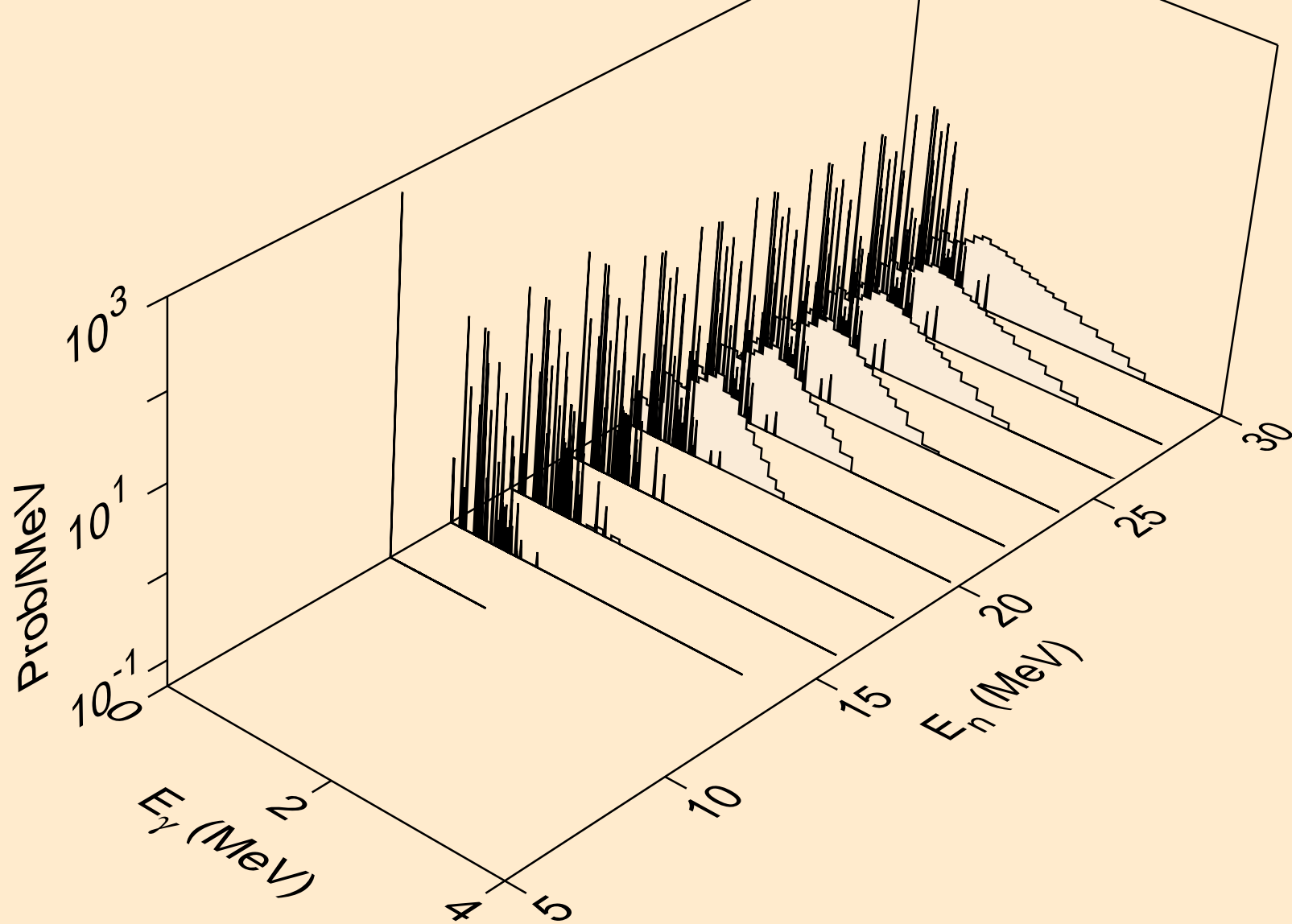
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Photon emission for (n,a)



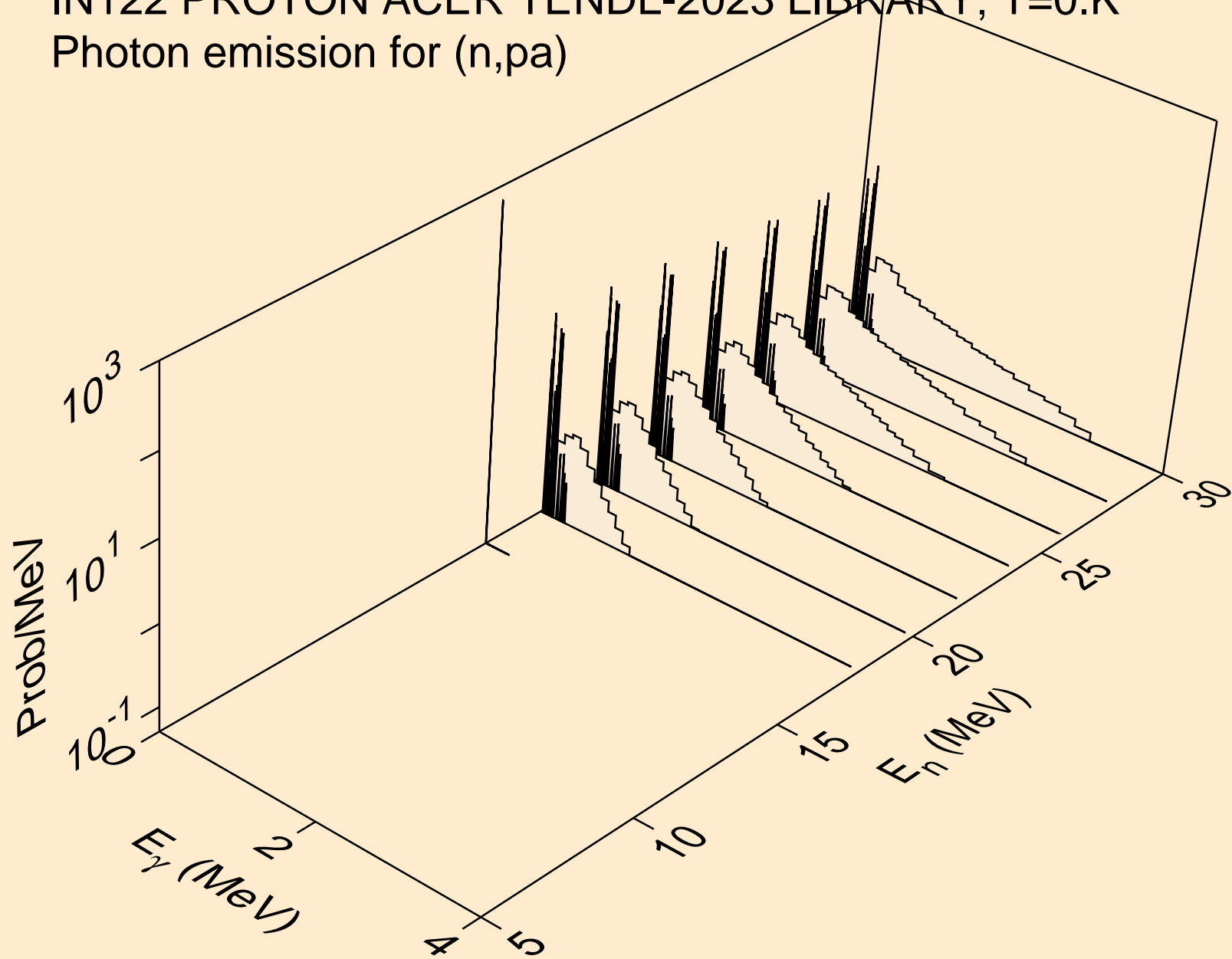
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Photon emission for (n,2a)



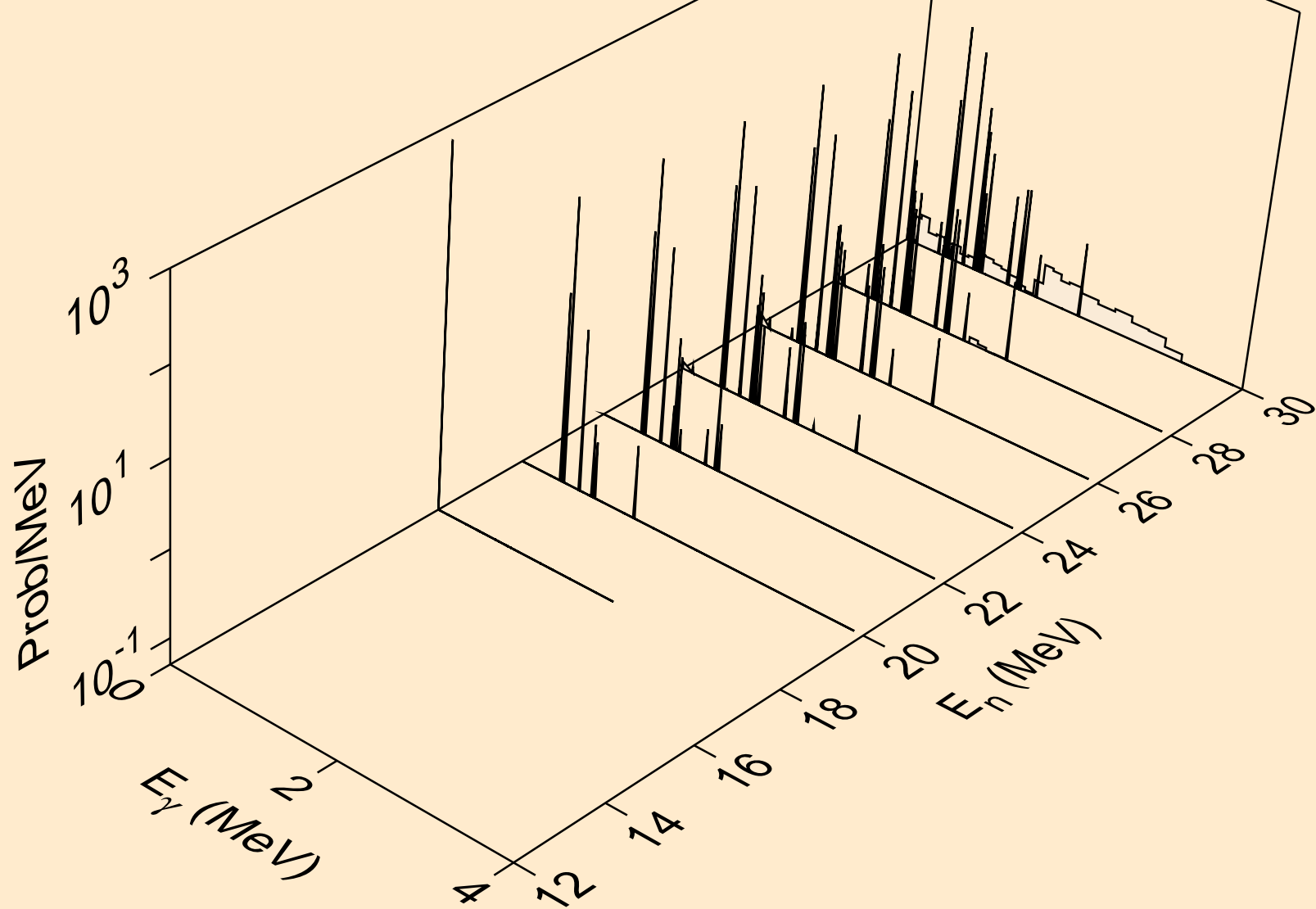
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Photon emission for (n,2p)



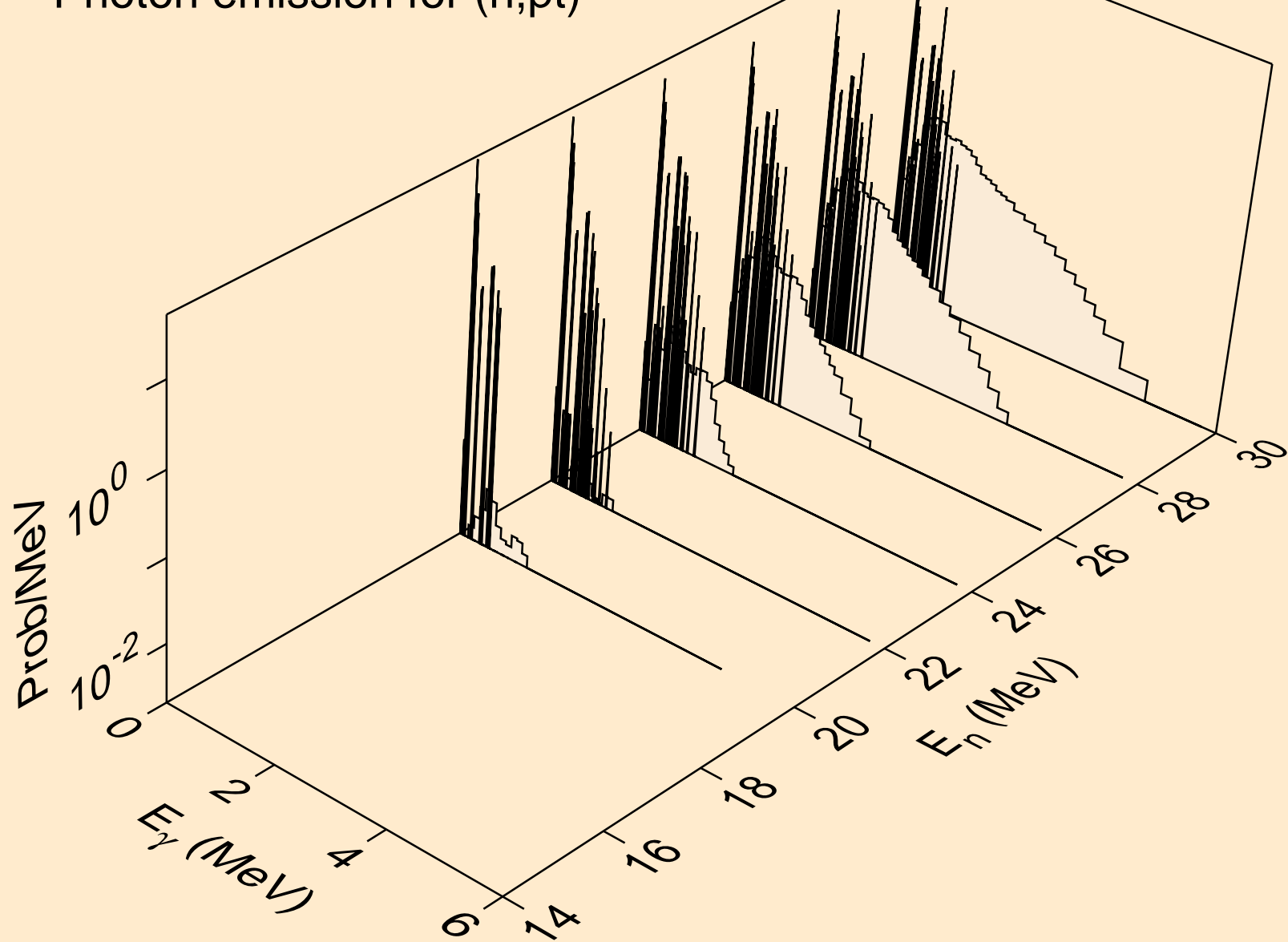
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

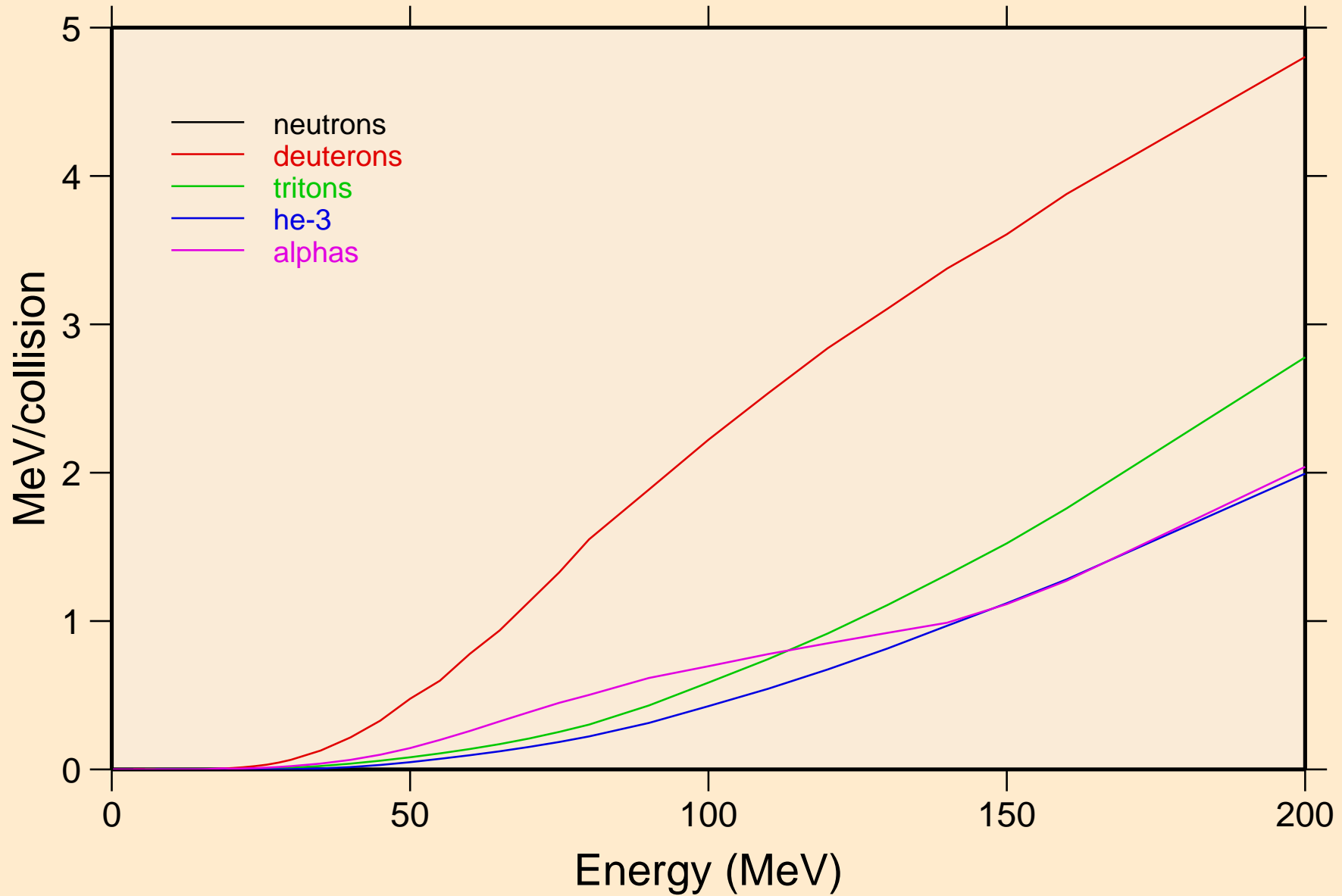


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



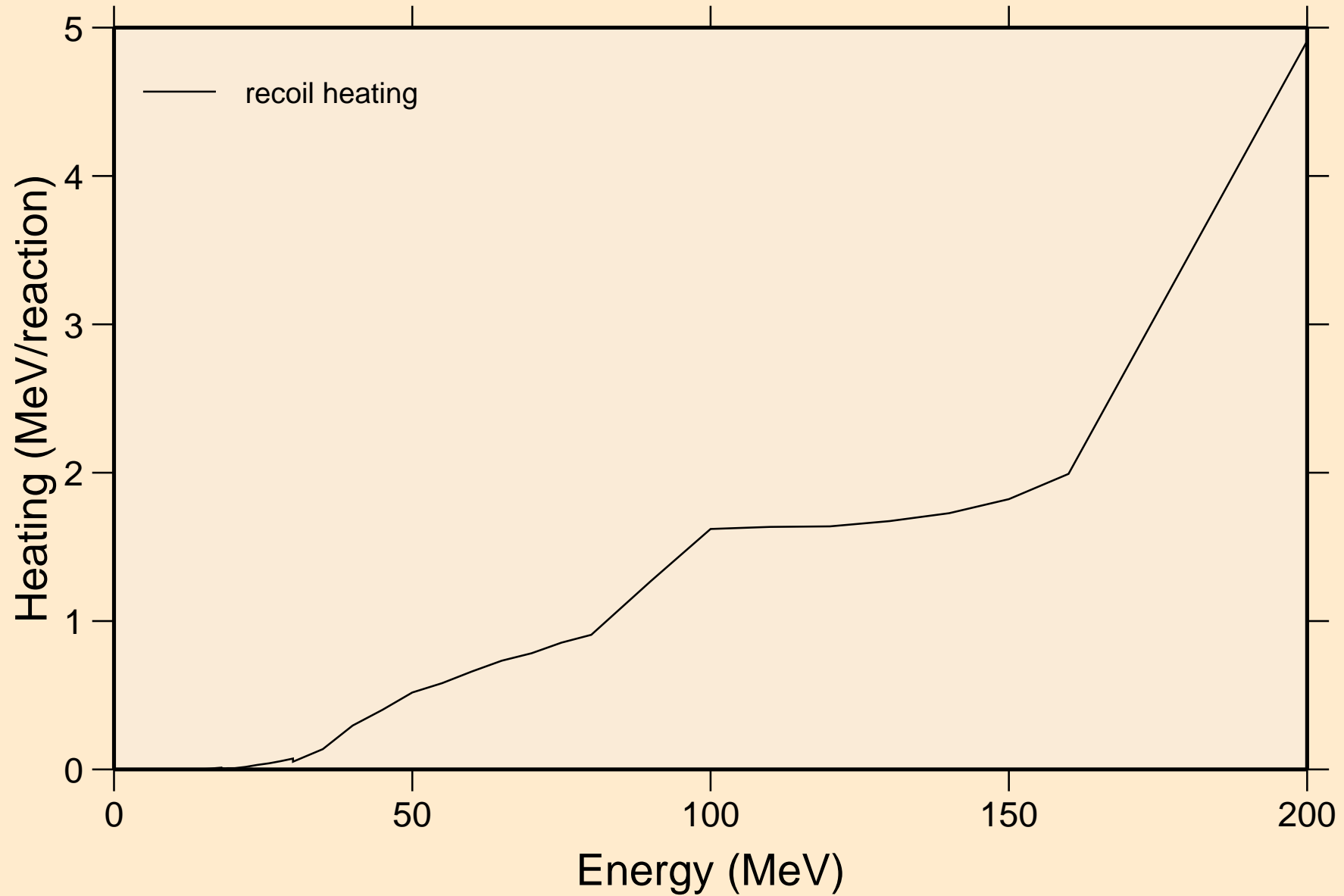


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

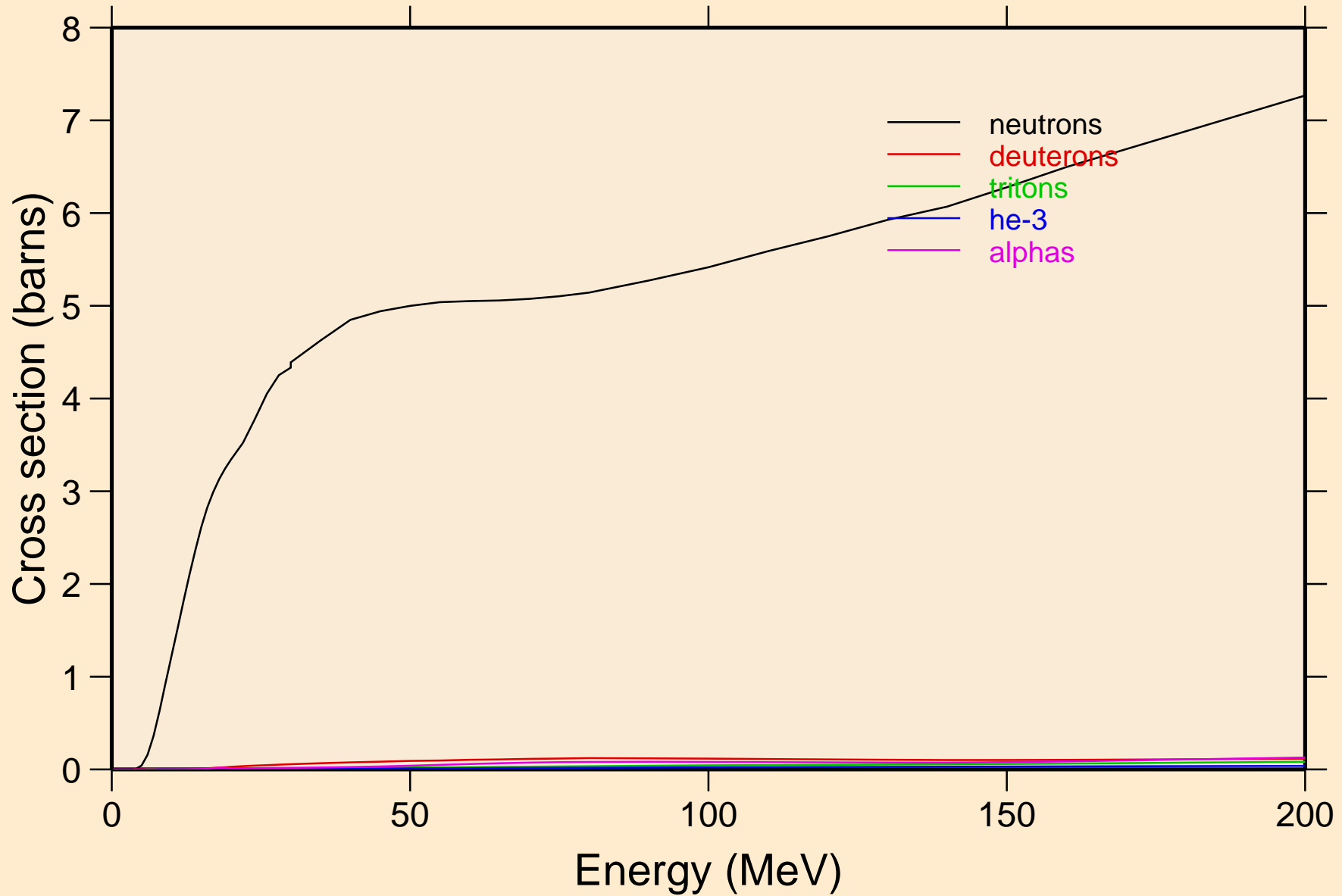


# IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K

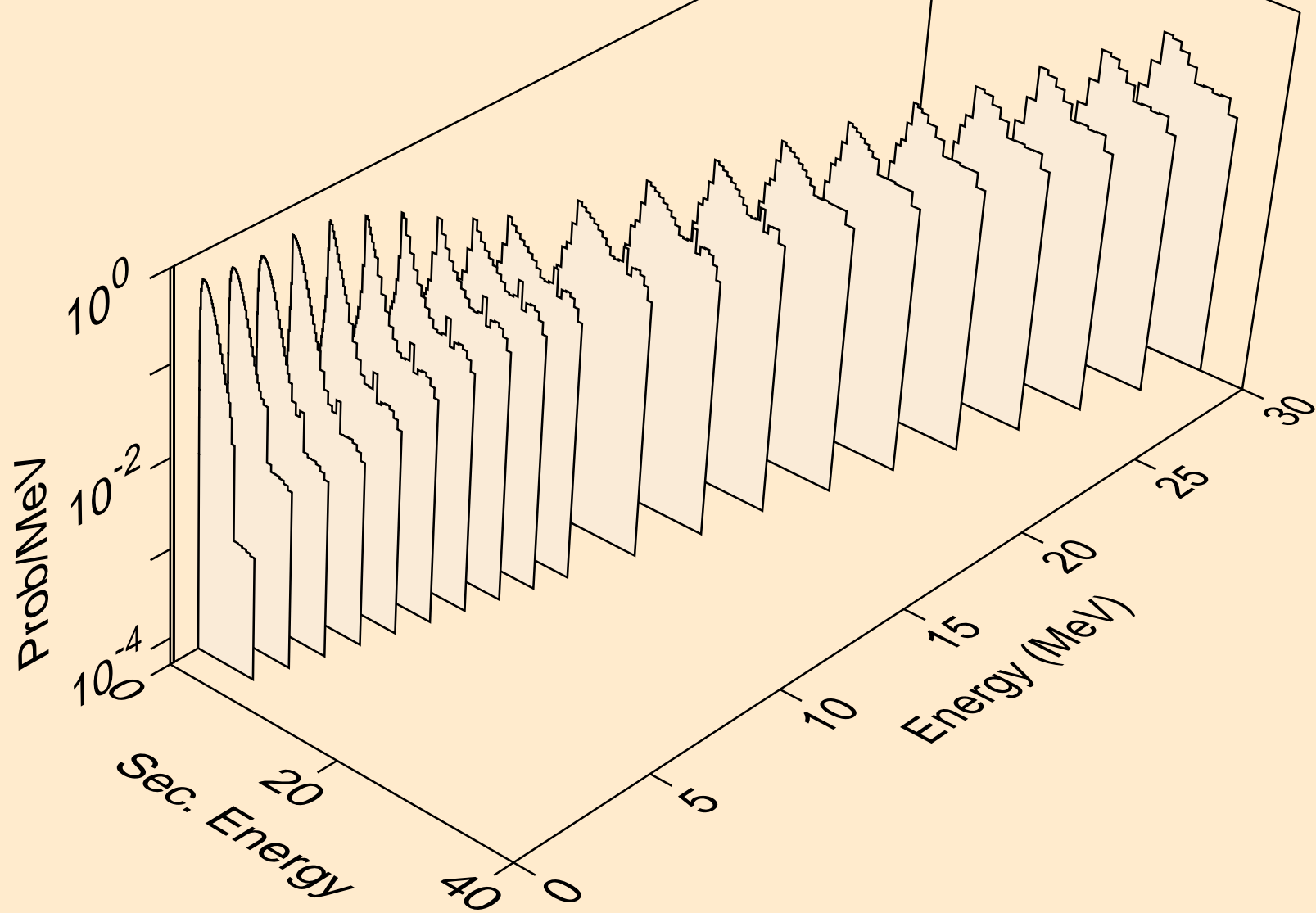
## Recoil Heating



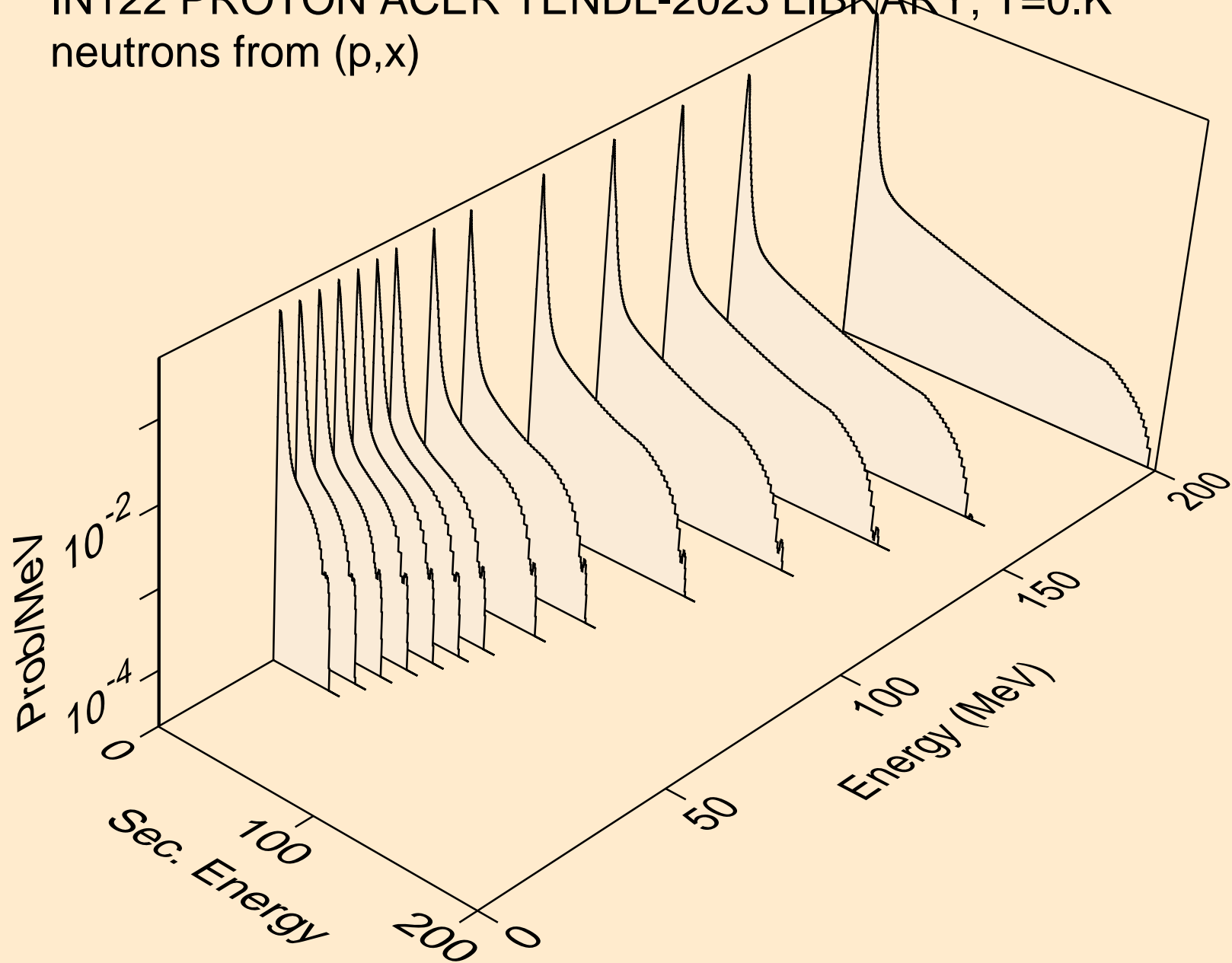
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



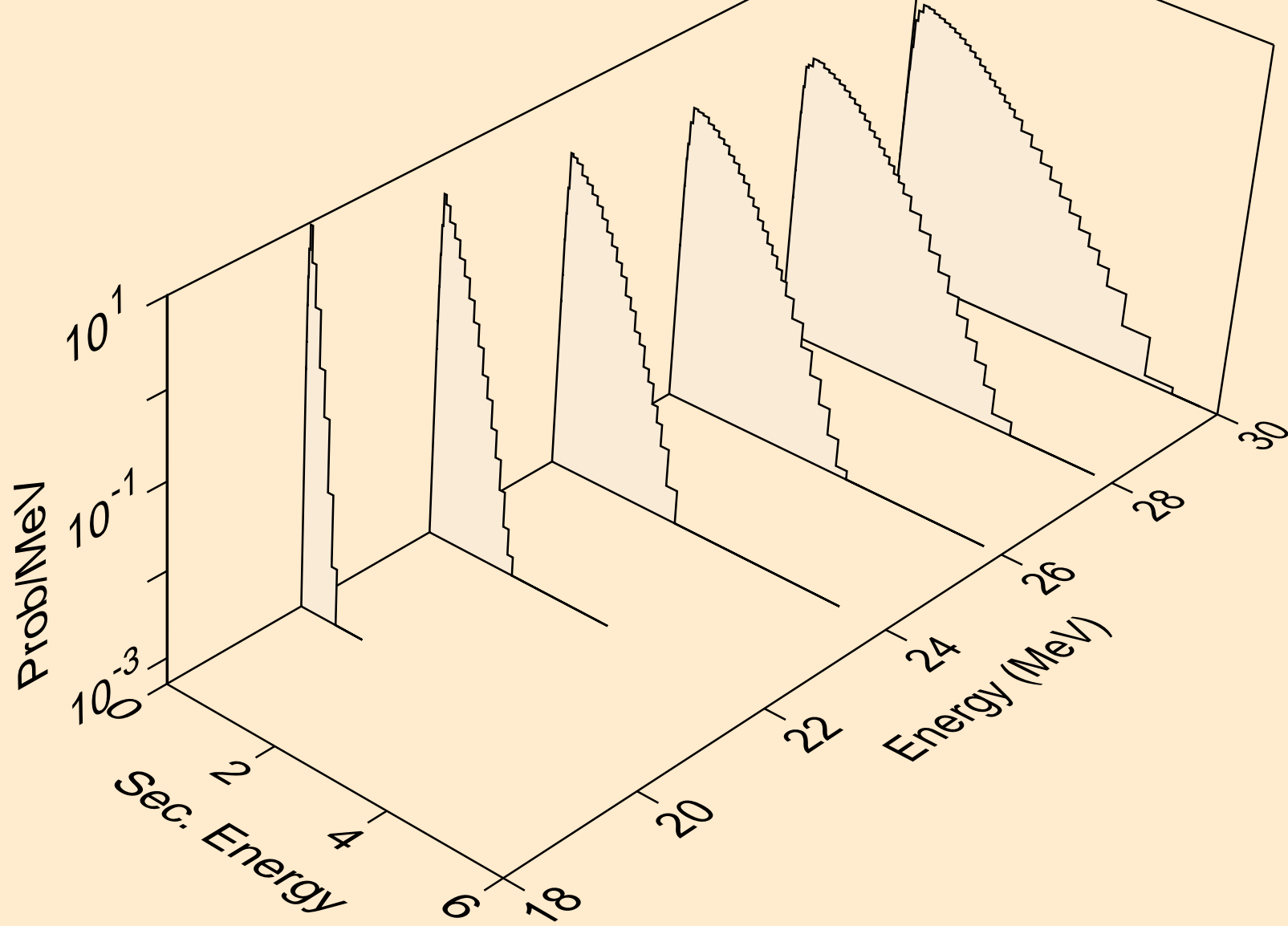
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



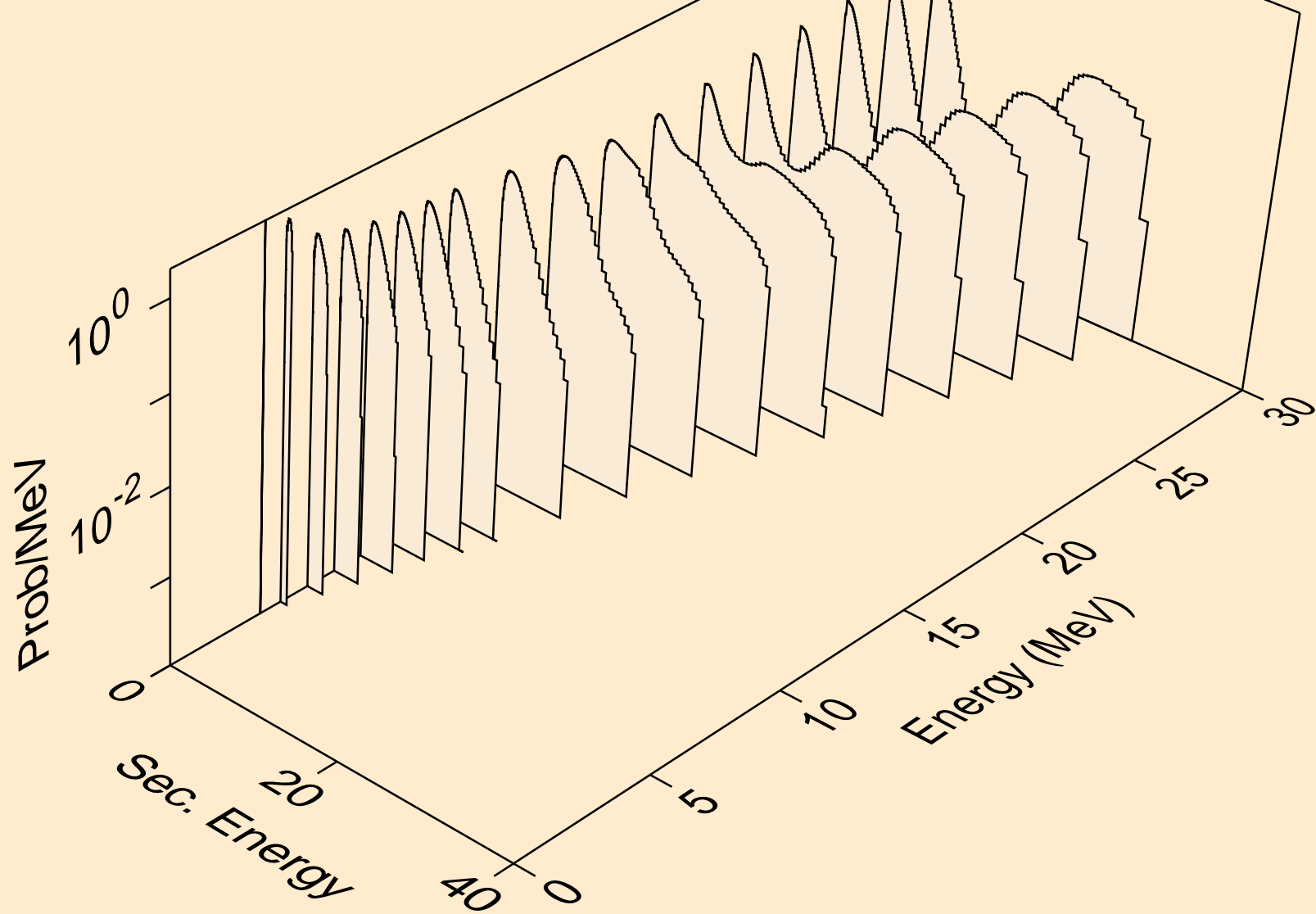
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



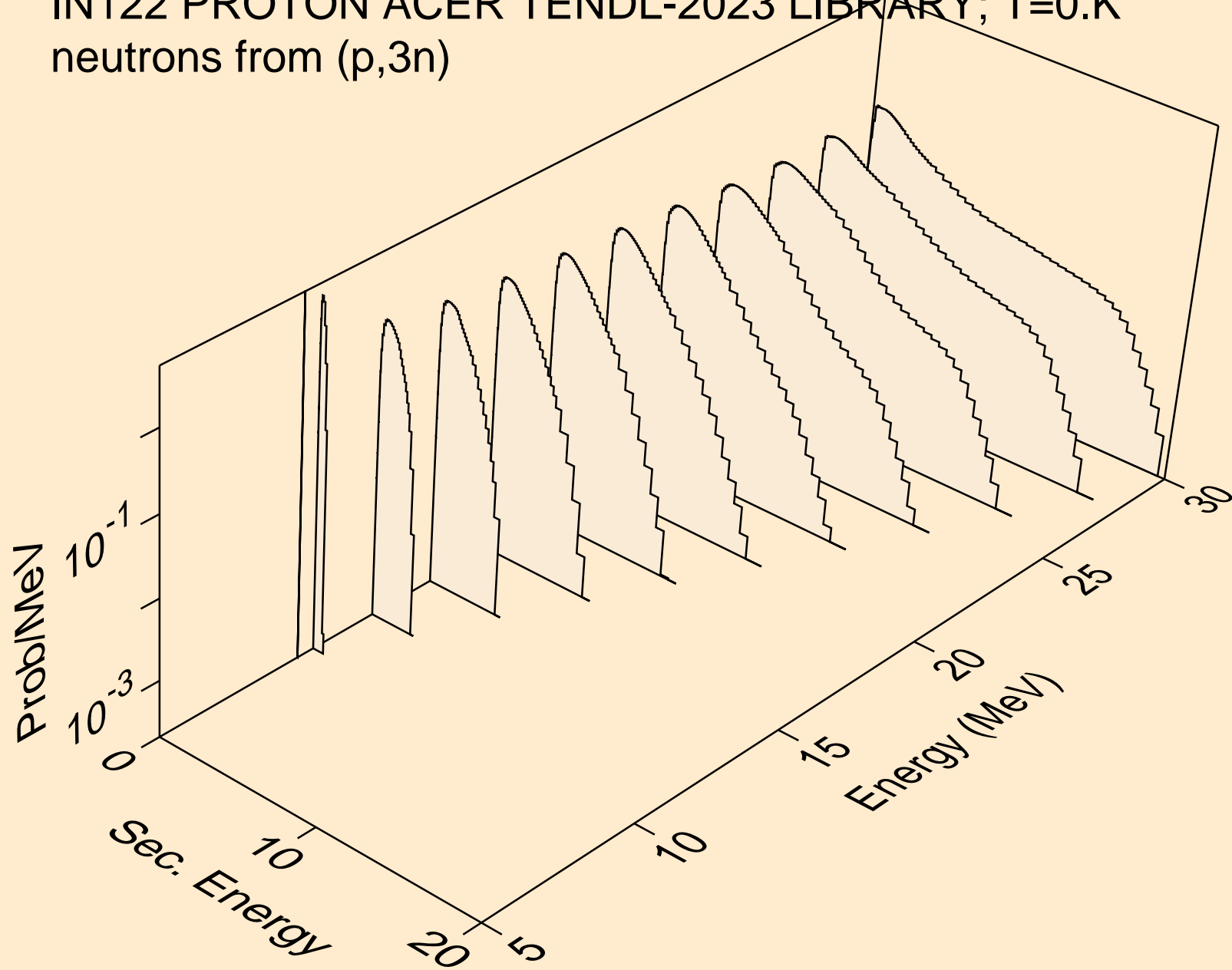
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

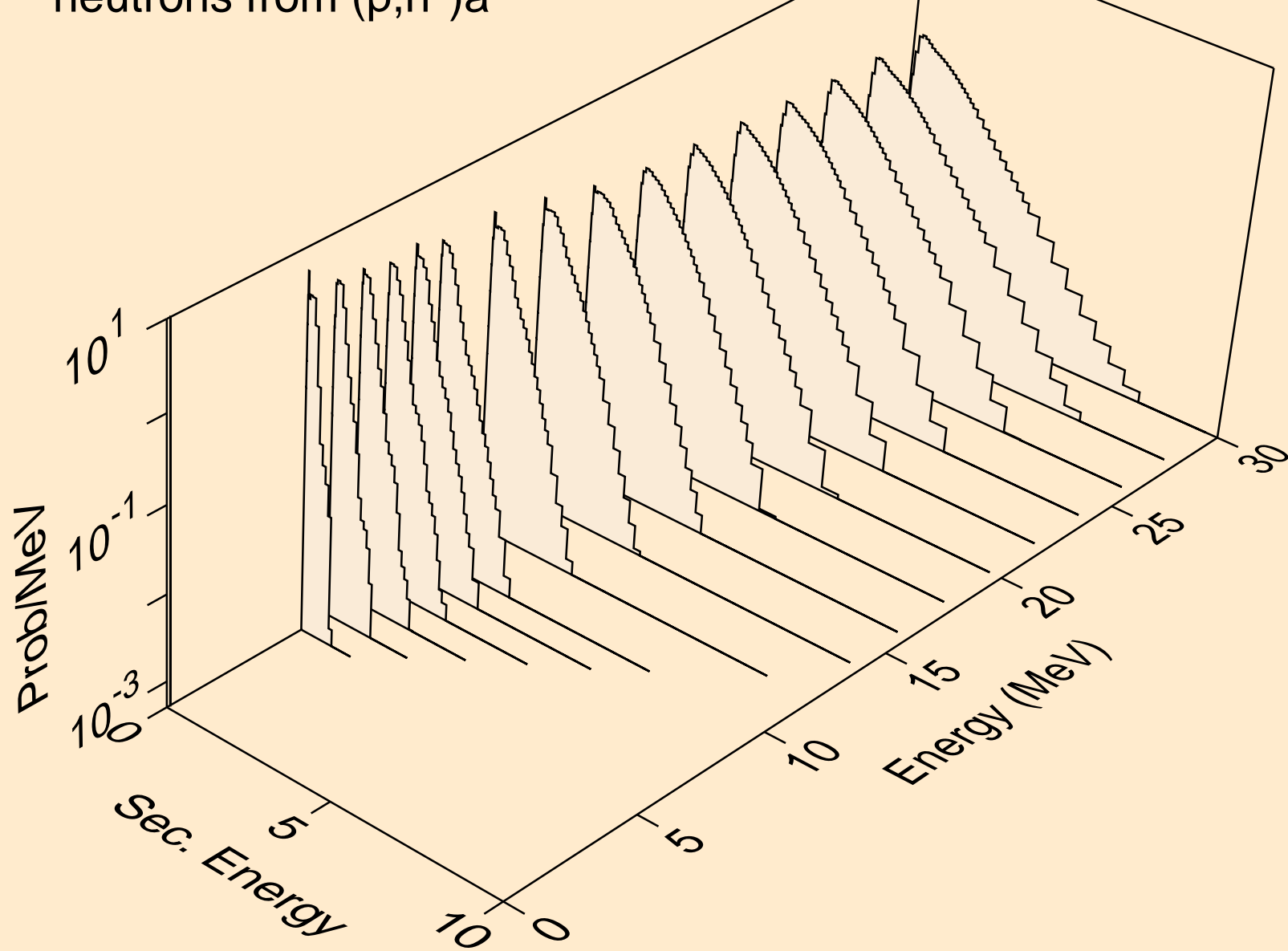


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

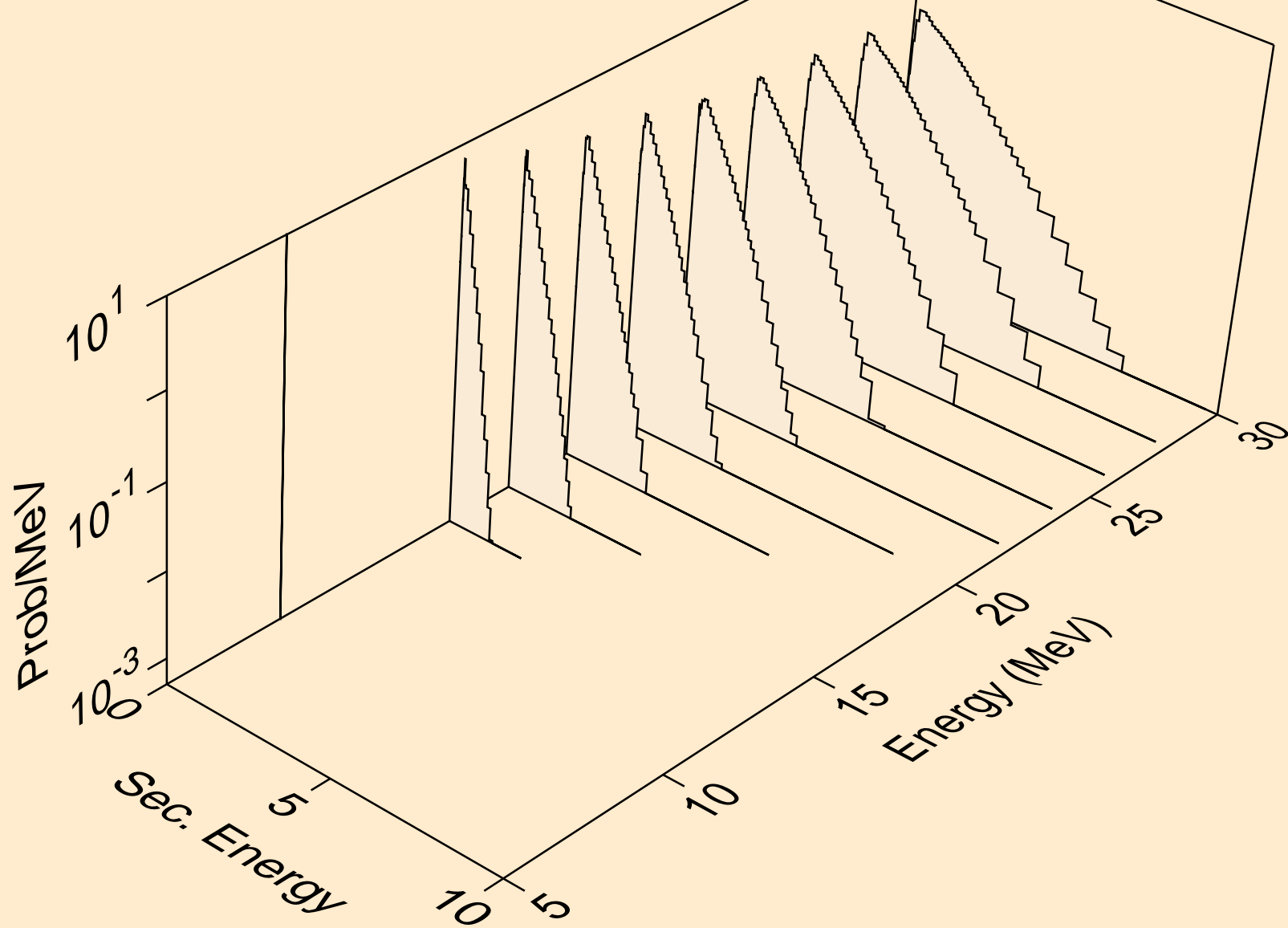




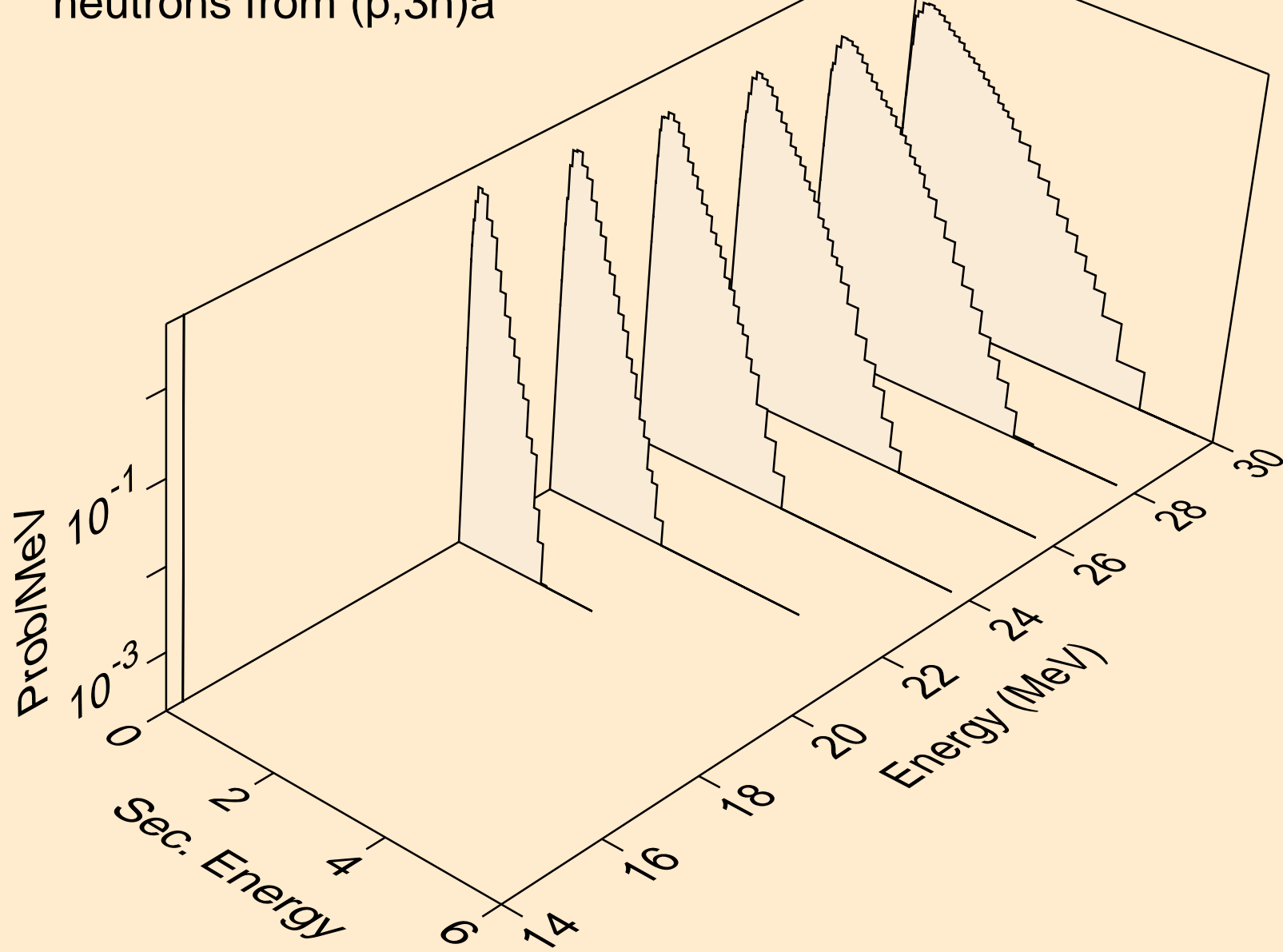
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



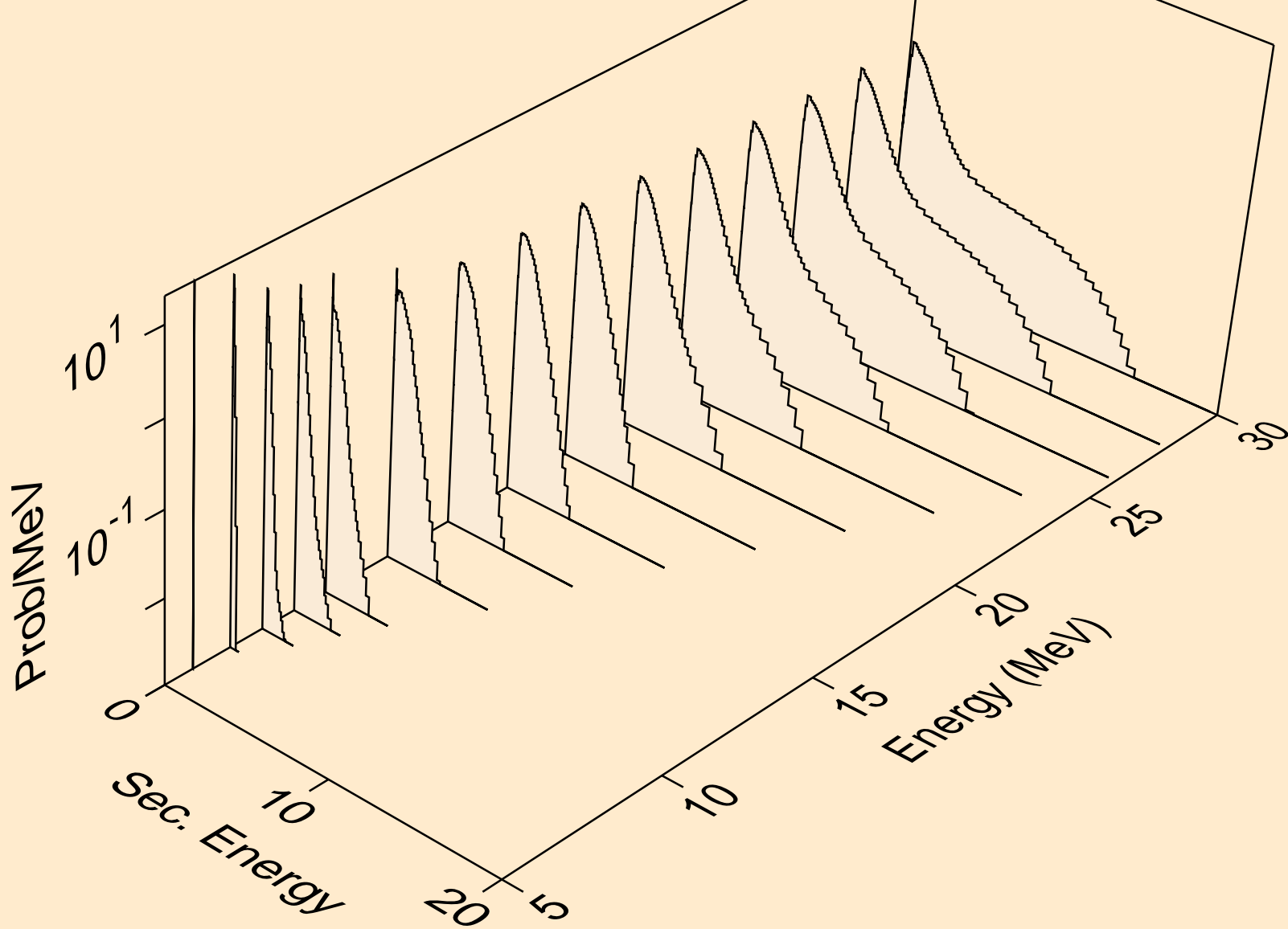
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



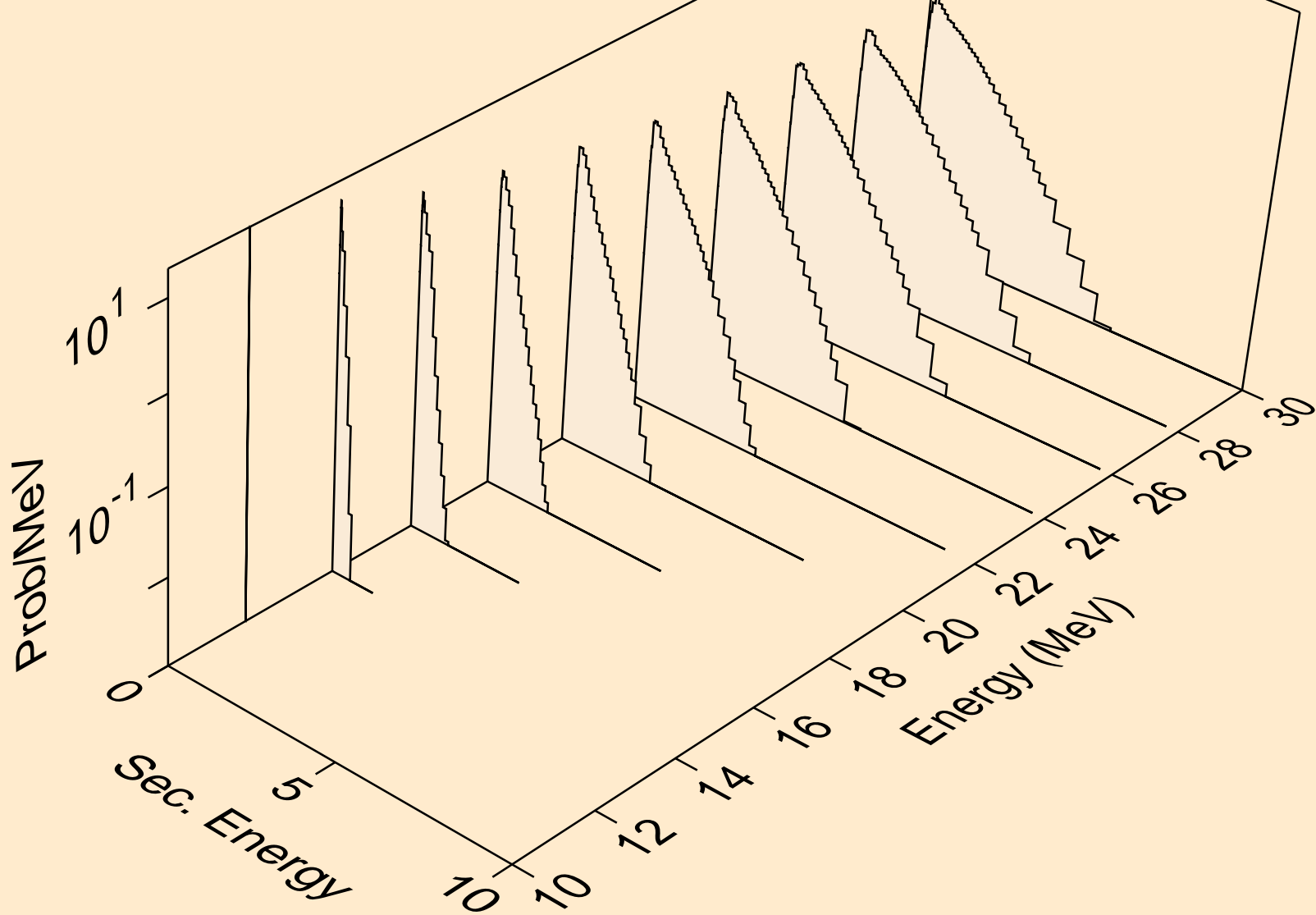
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



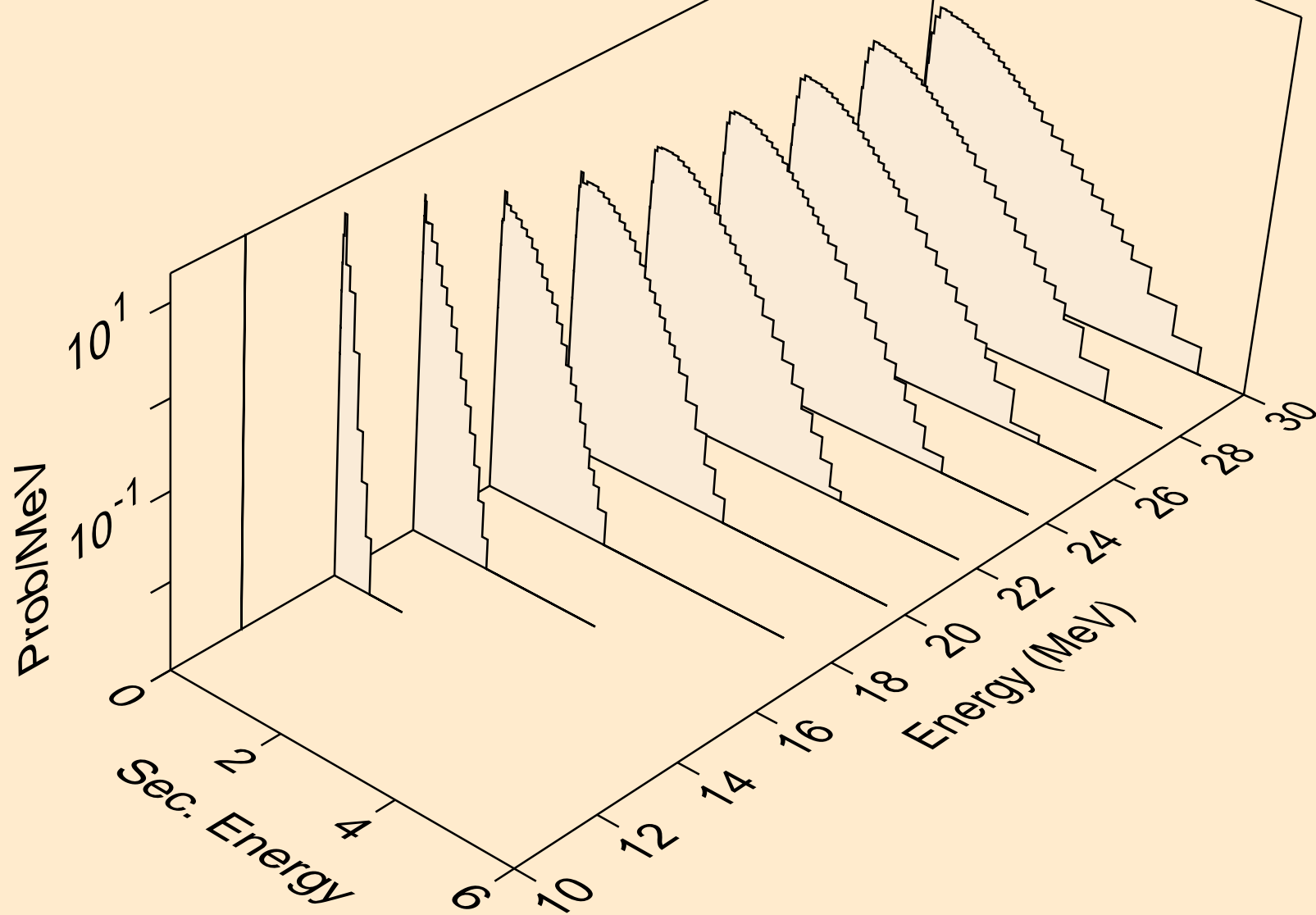
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



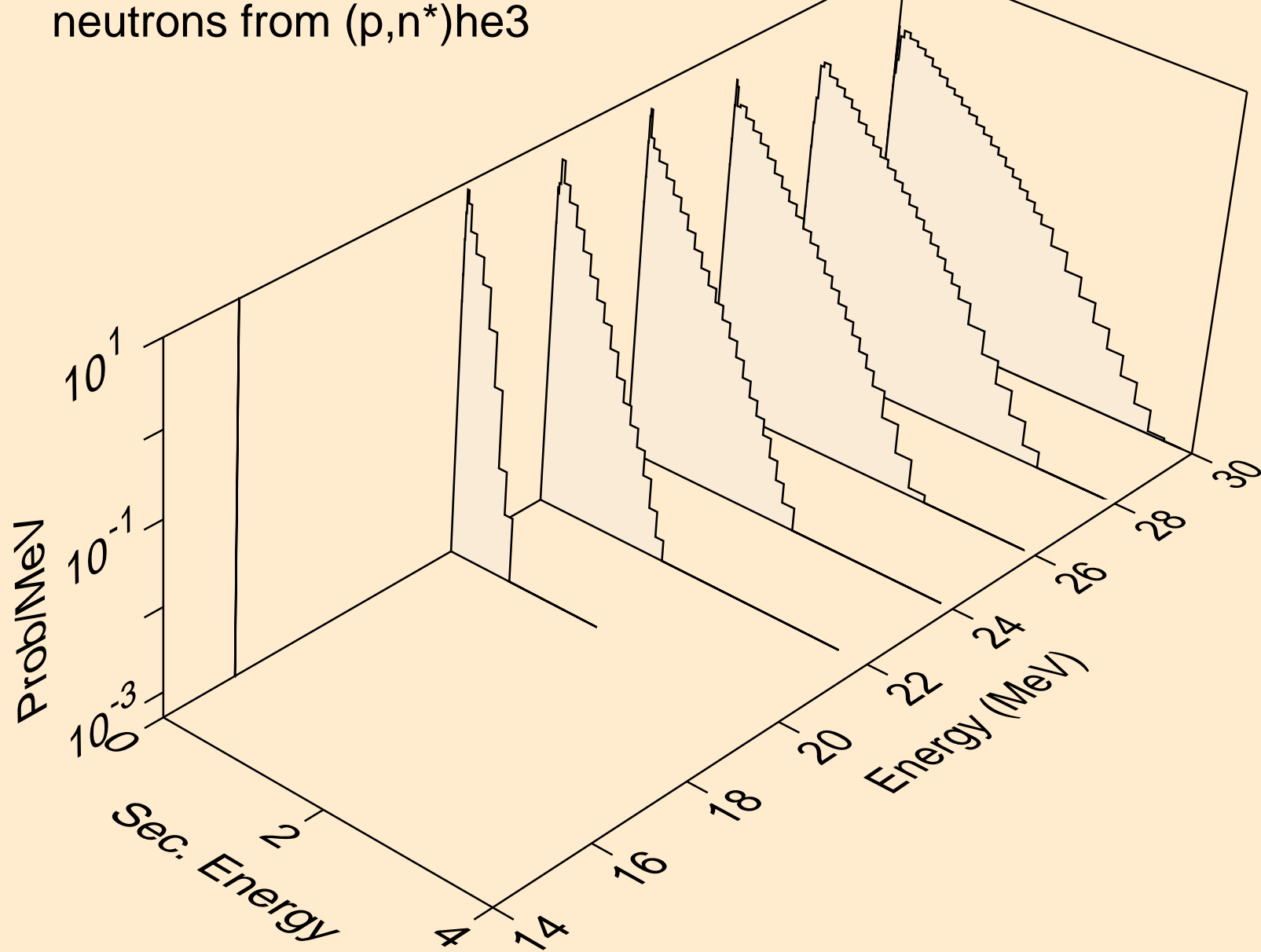
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



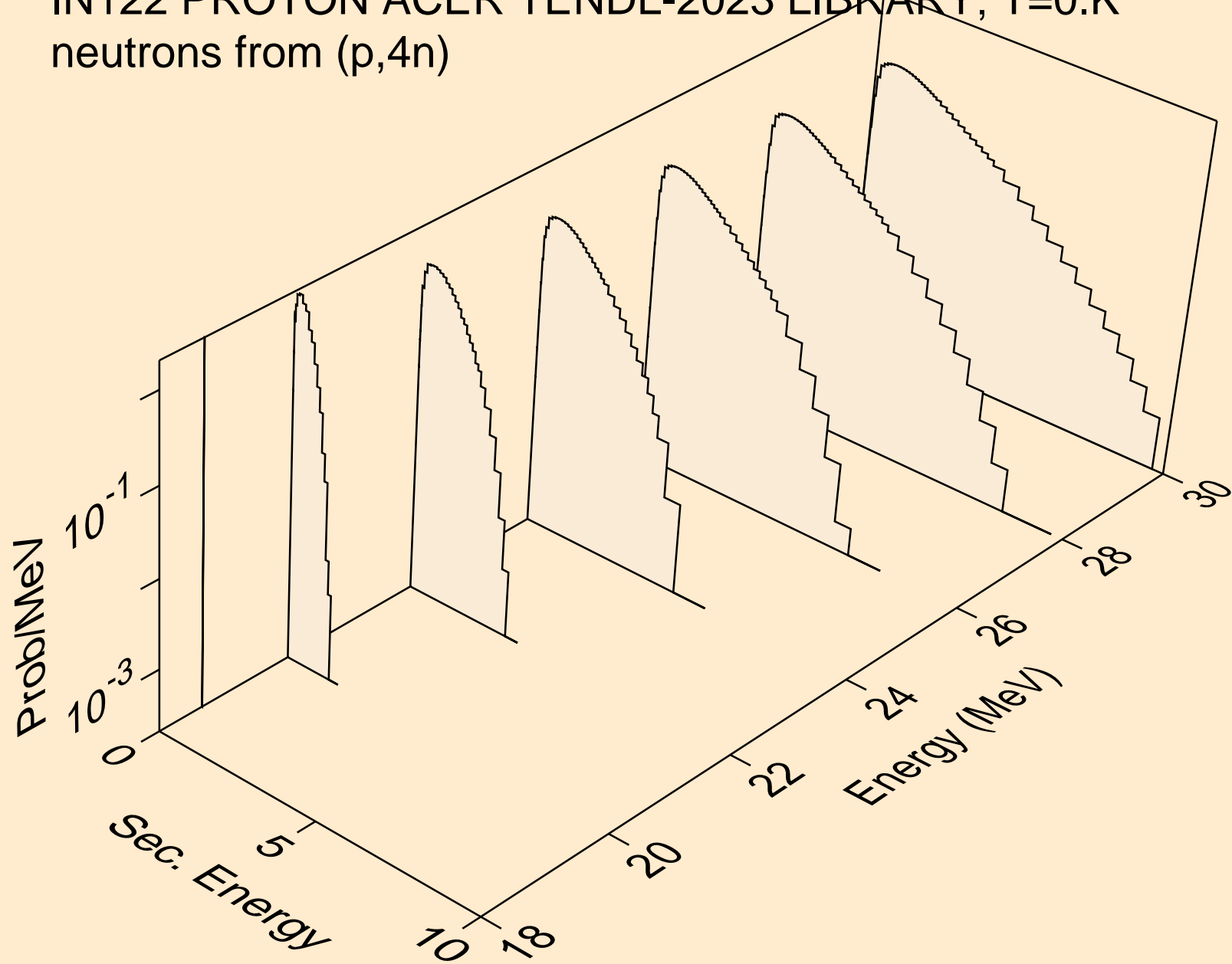
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

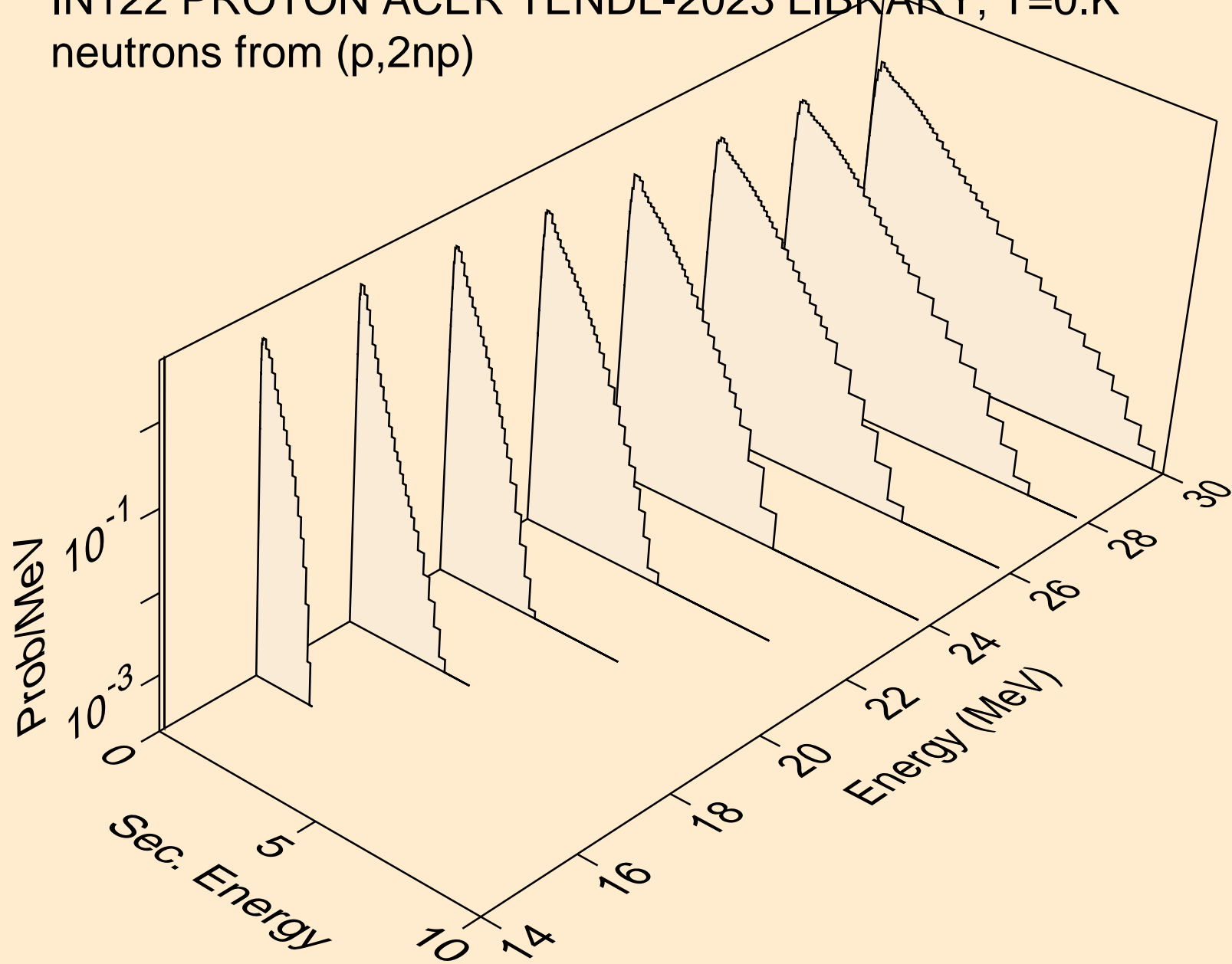


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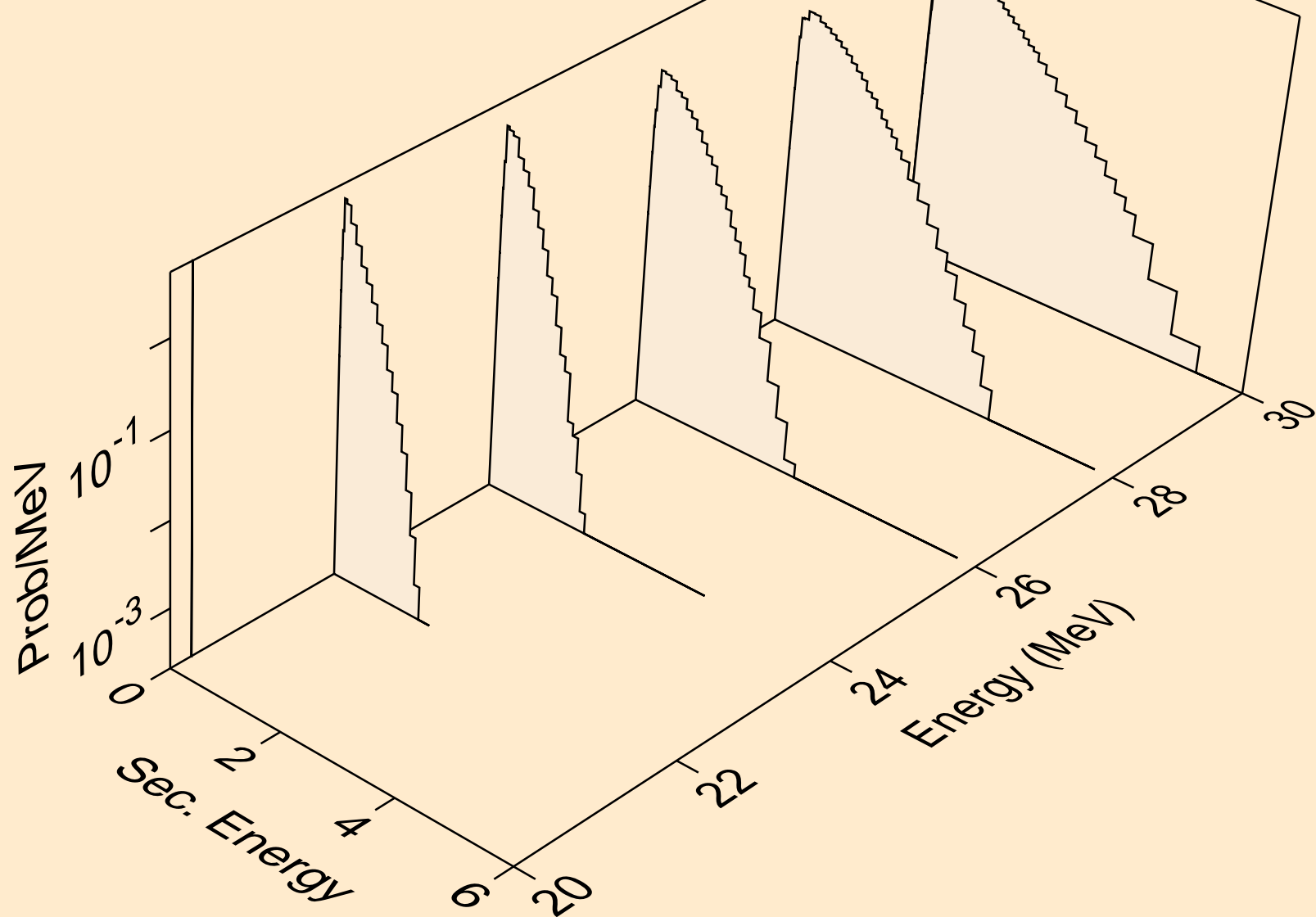




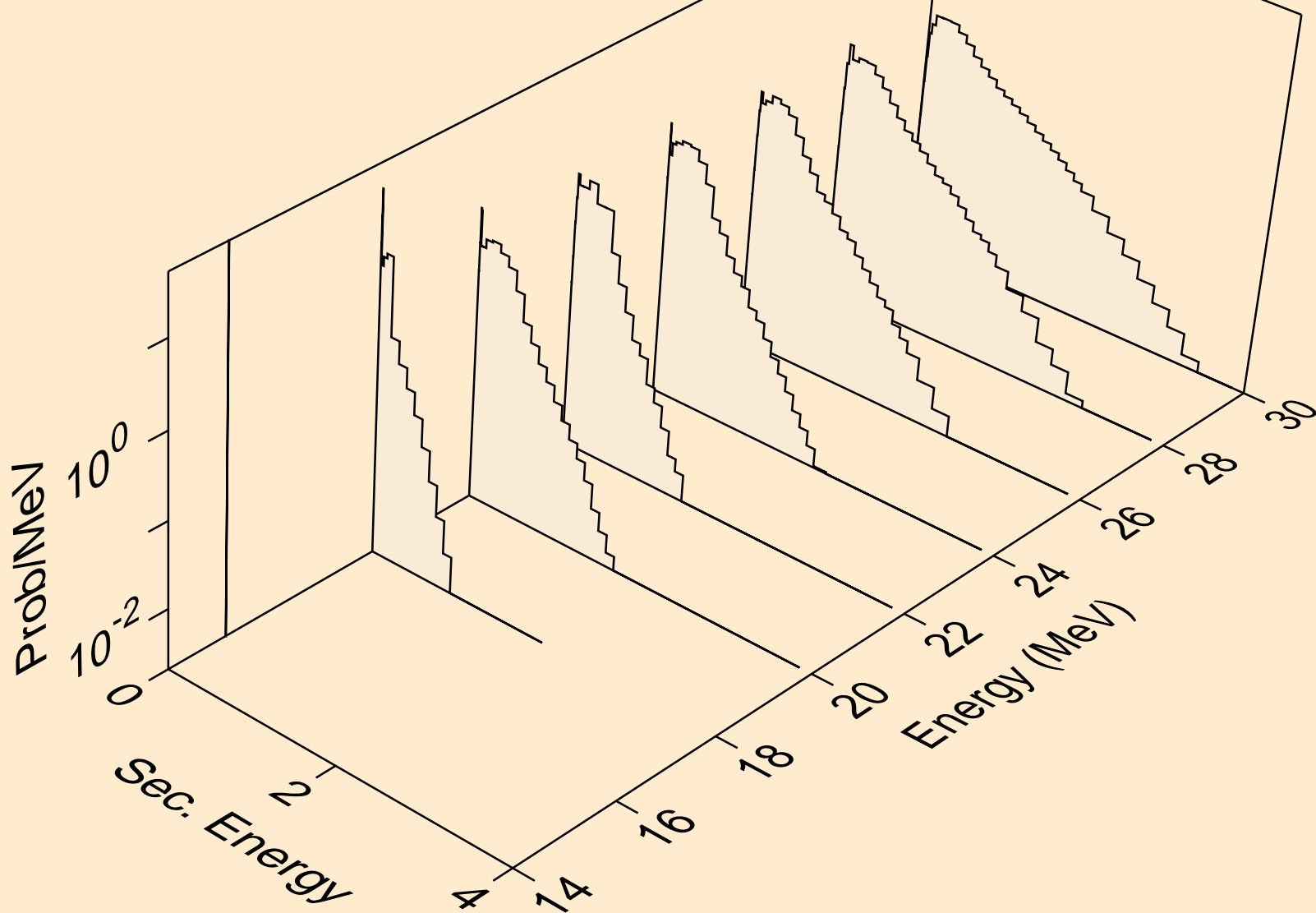
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neutrons from (p,2np)



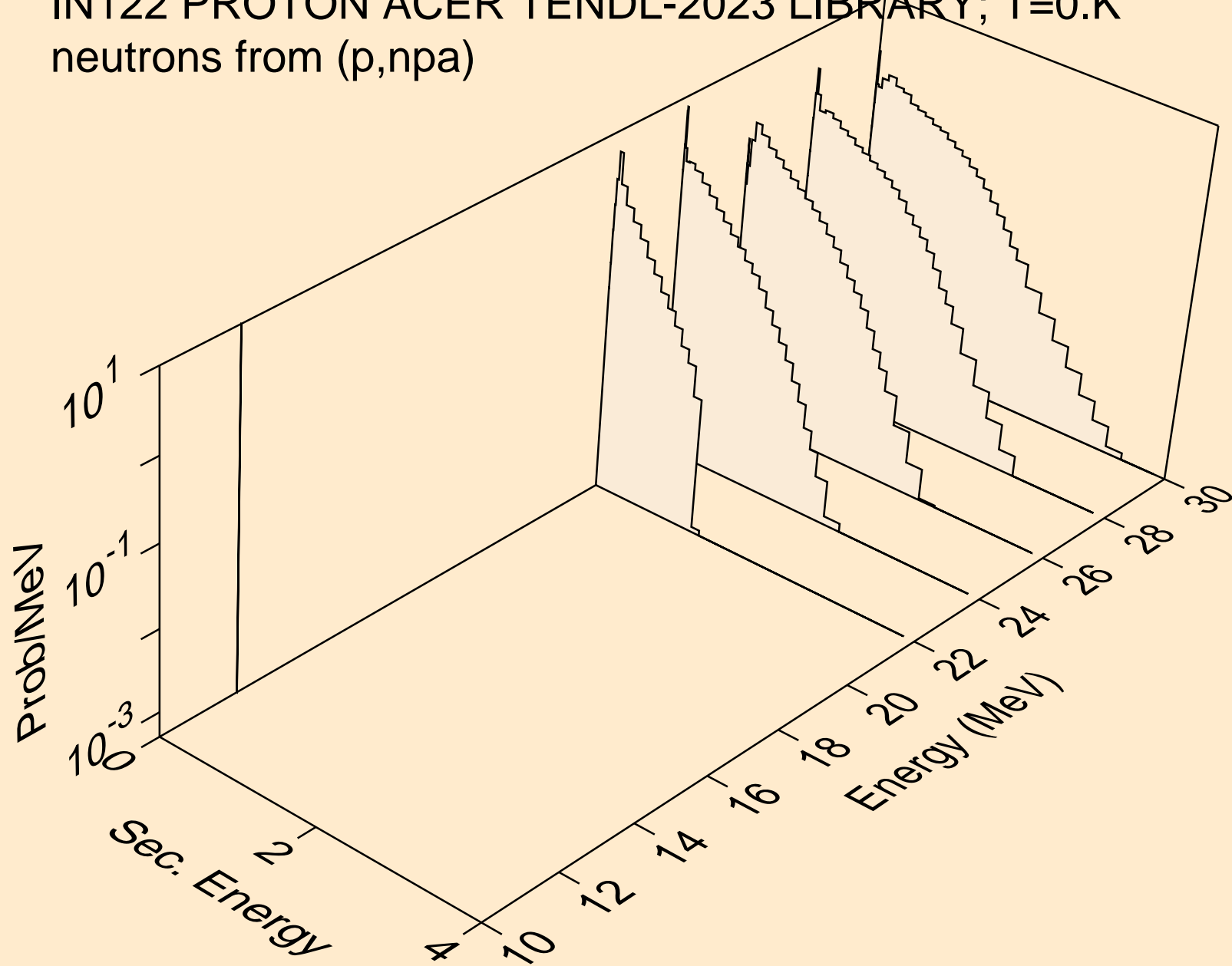
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



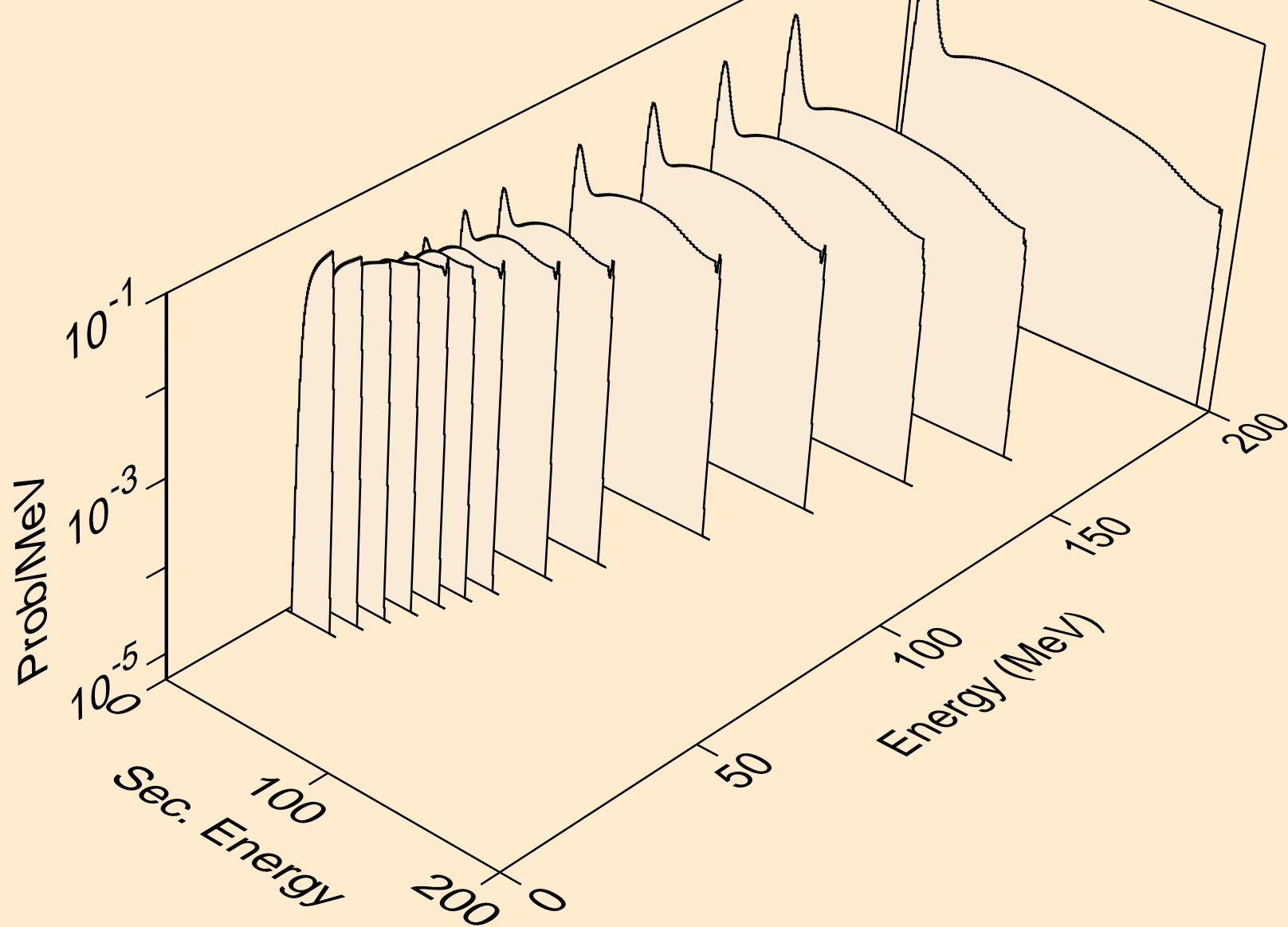
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



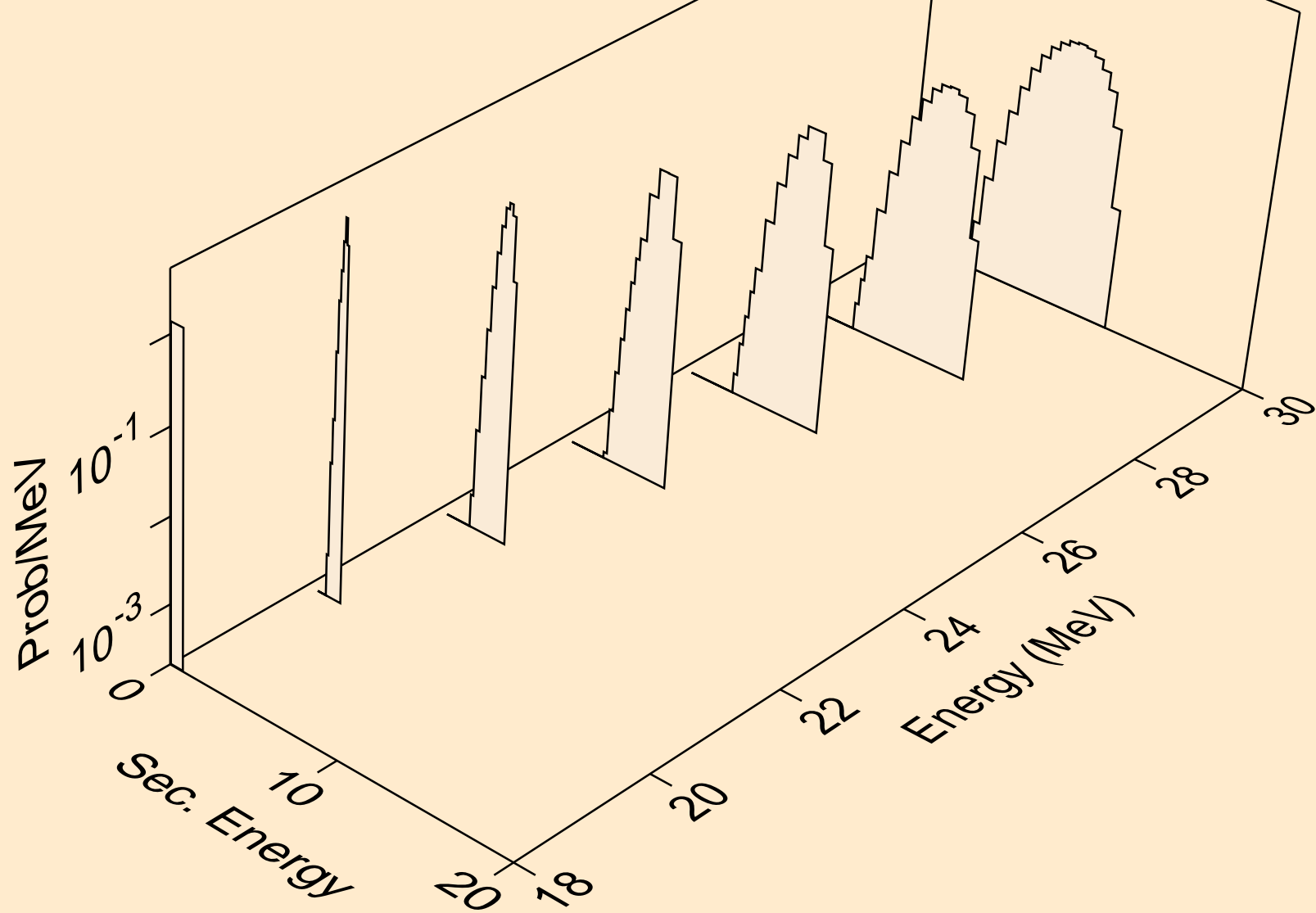
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



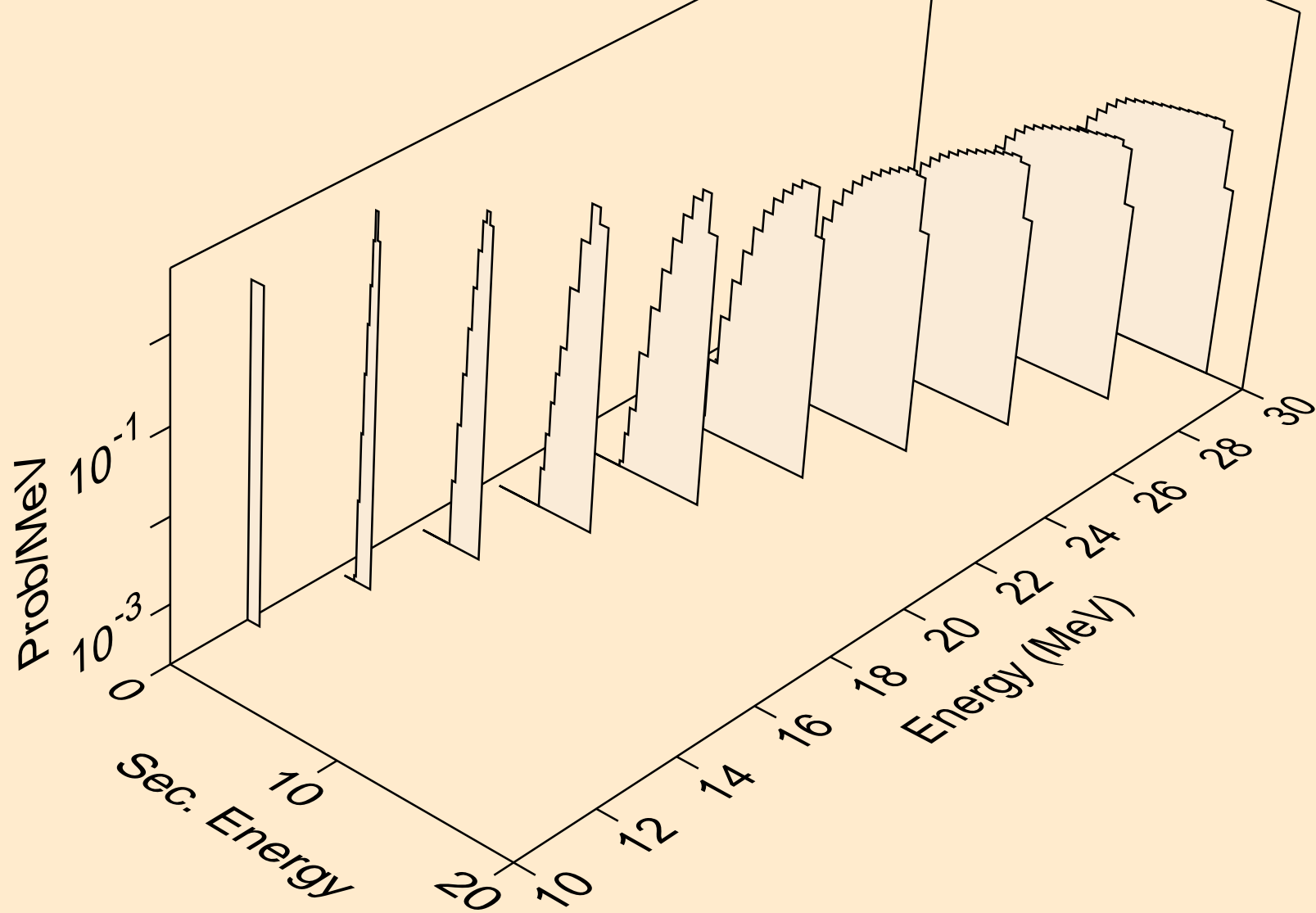
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



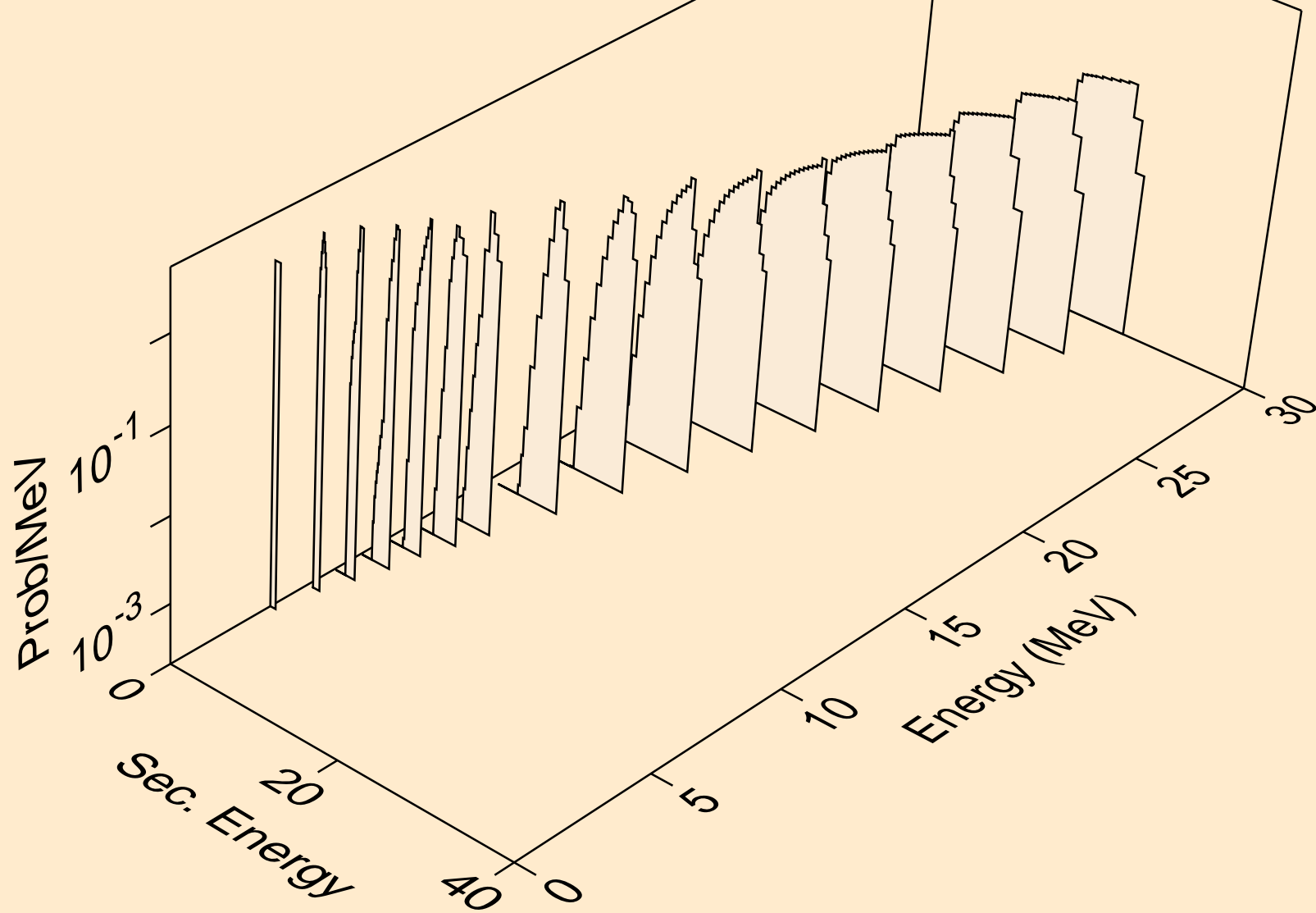
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

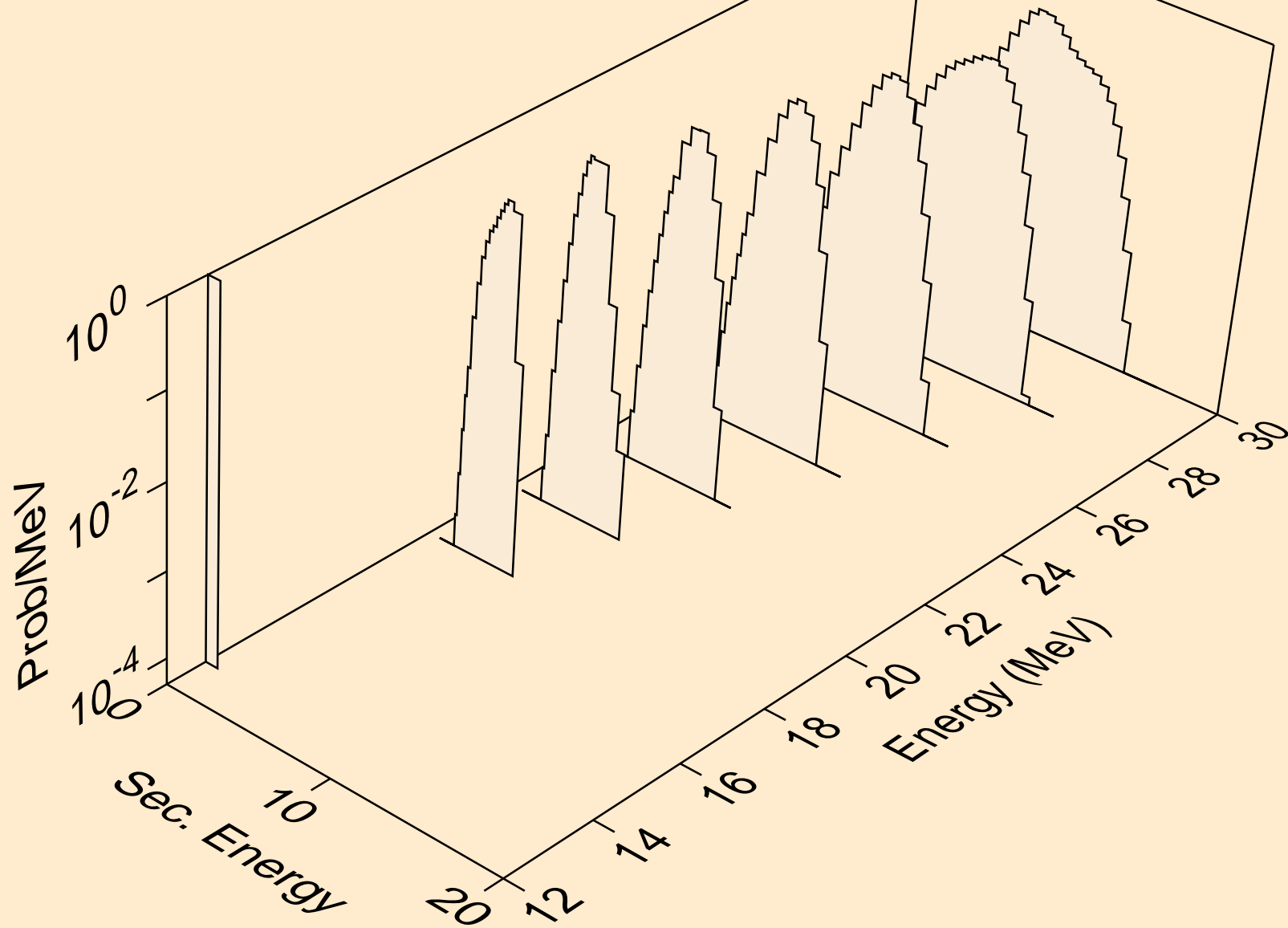


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

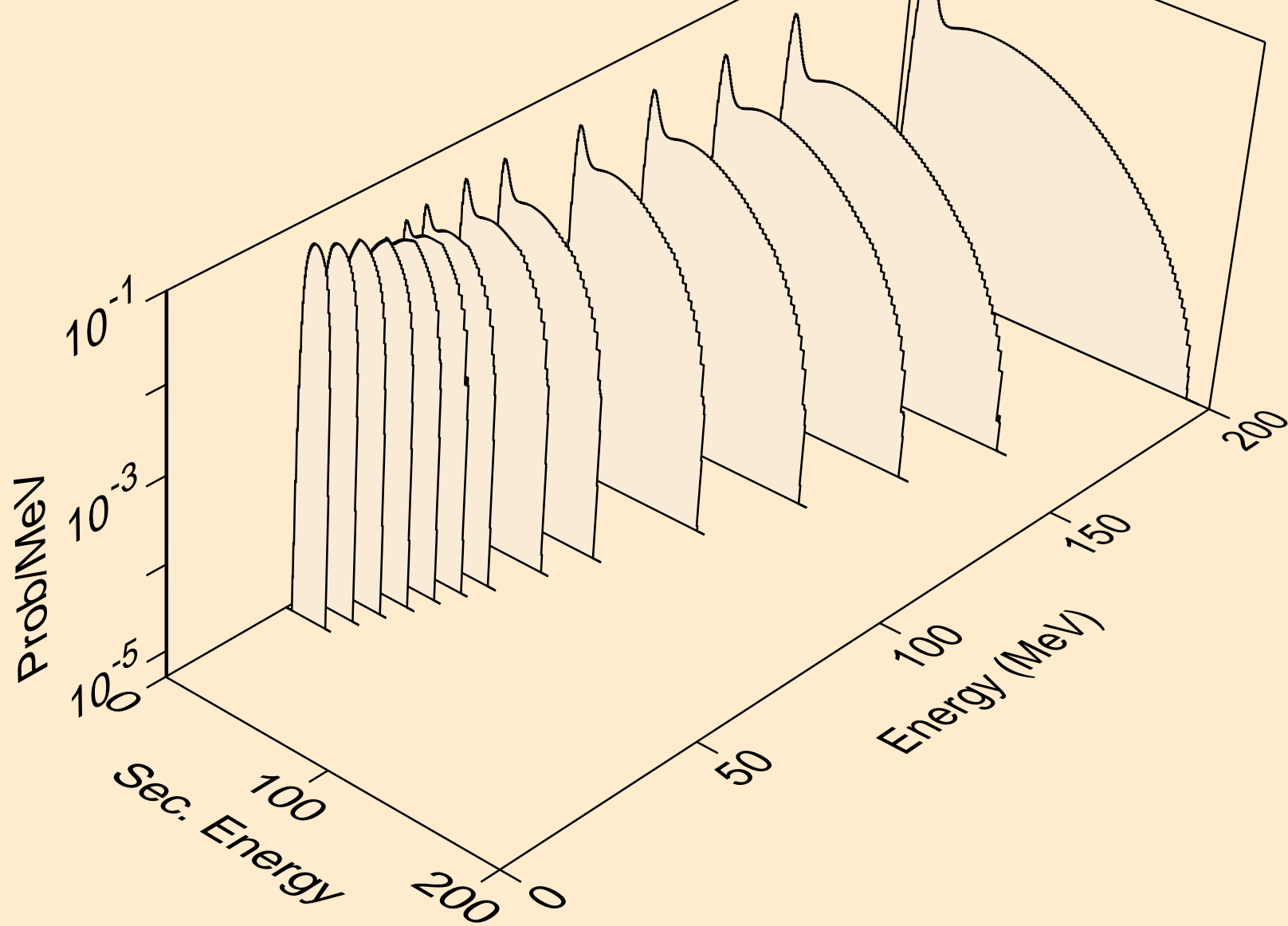




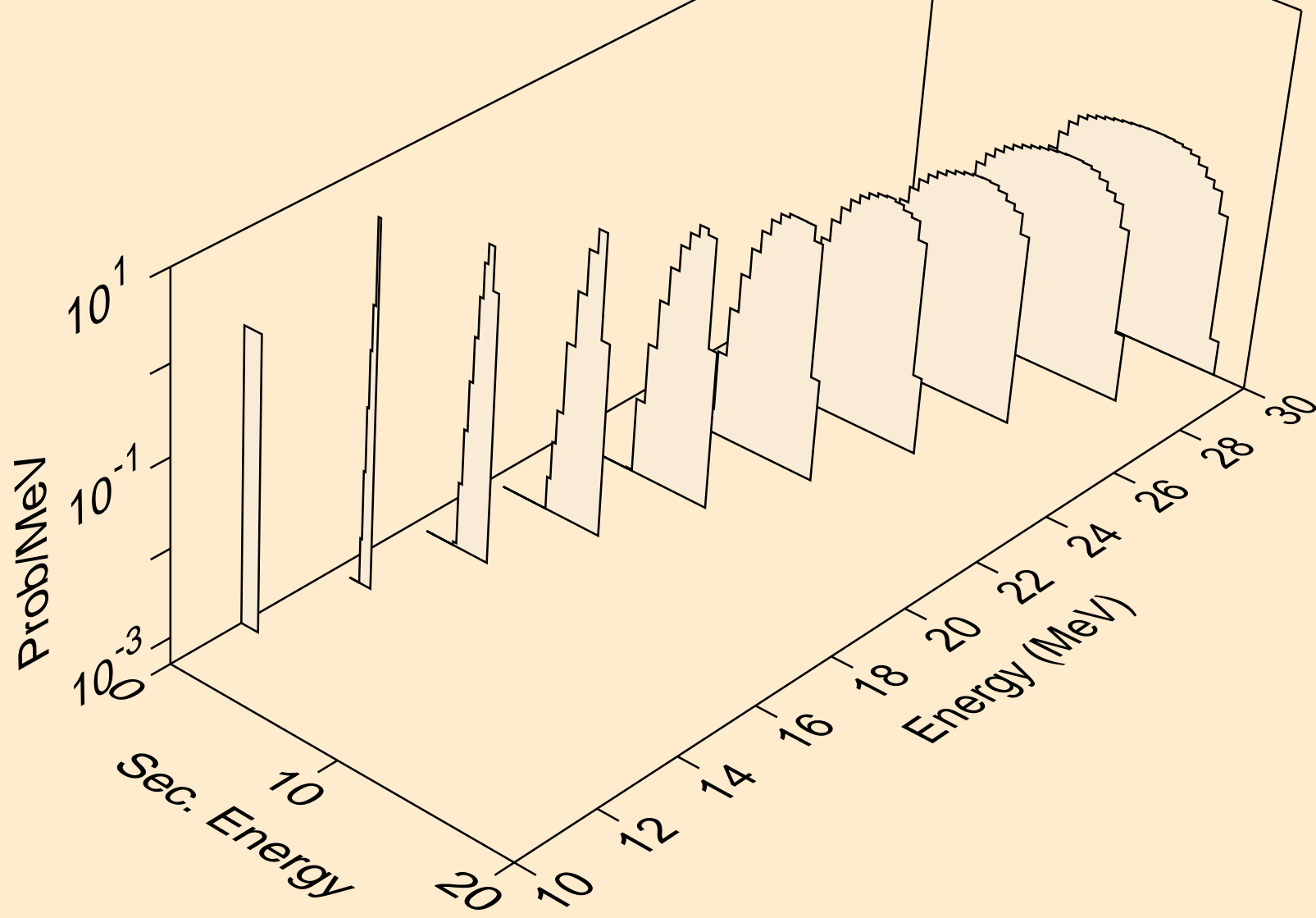
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



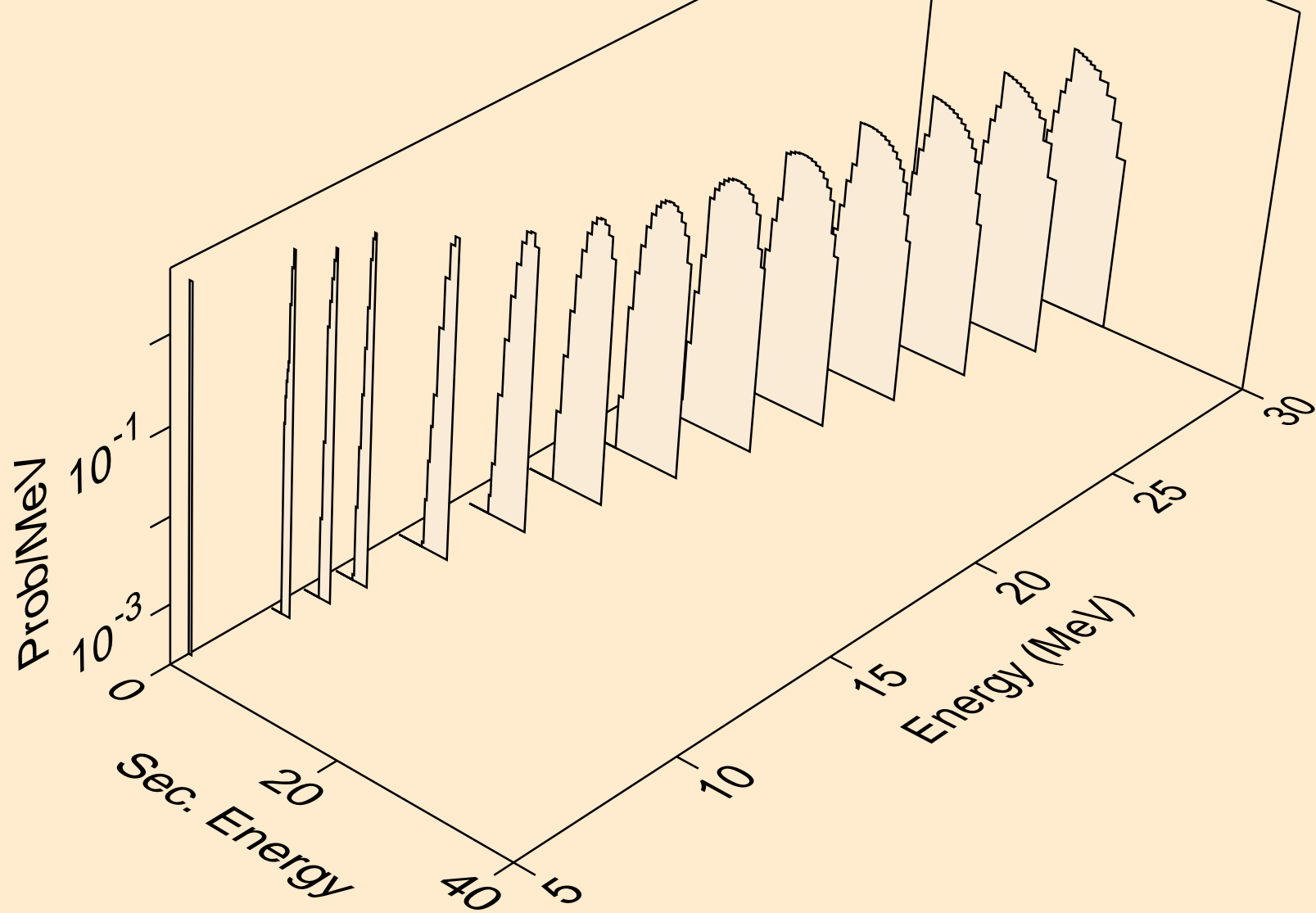
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



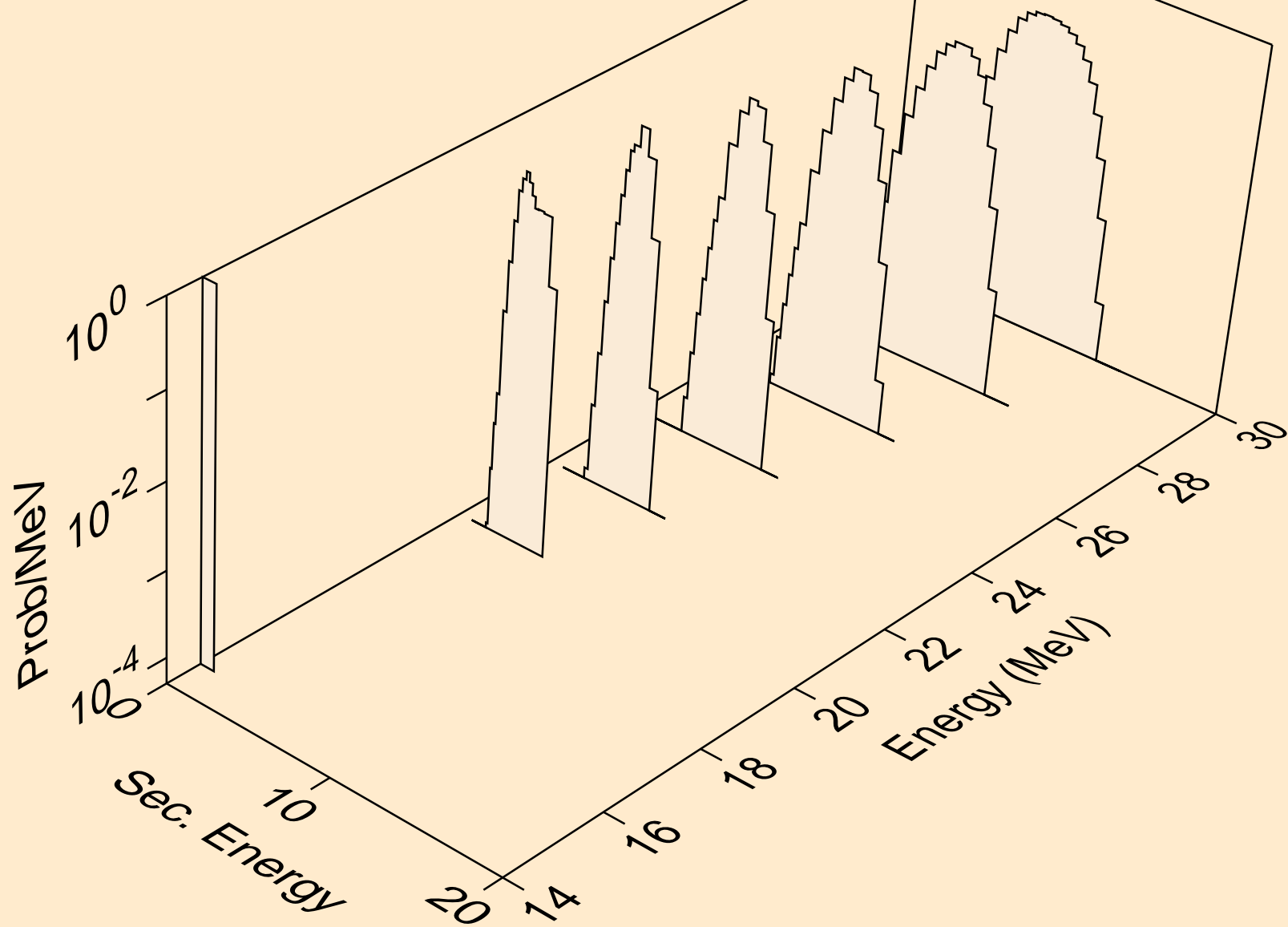
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



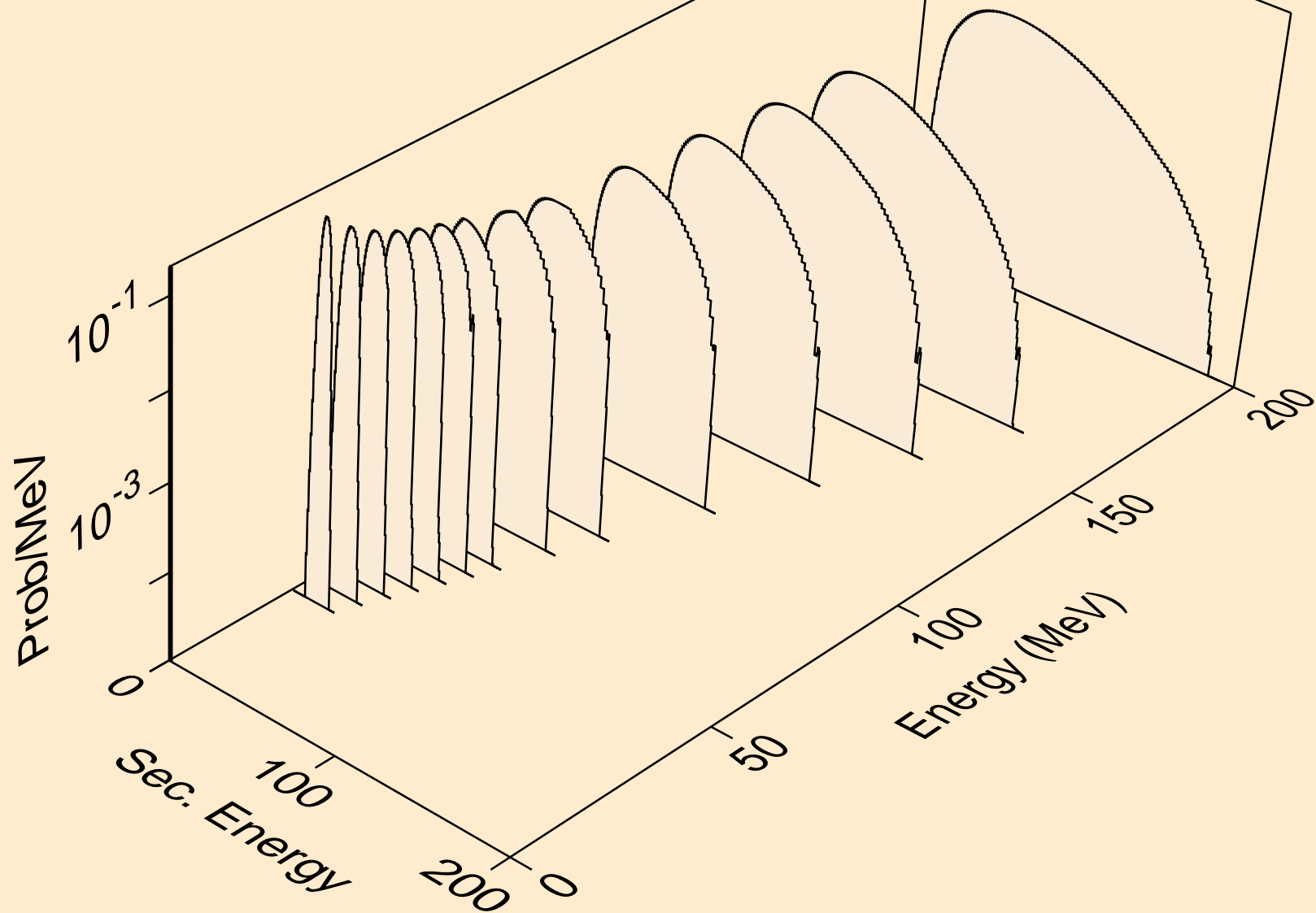
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



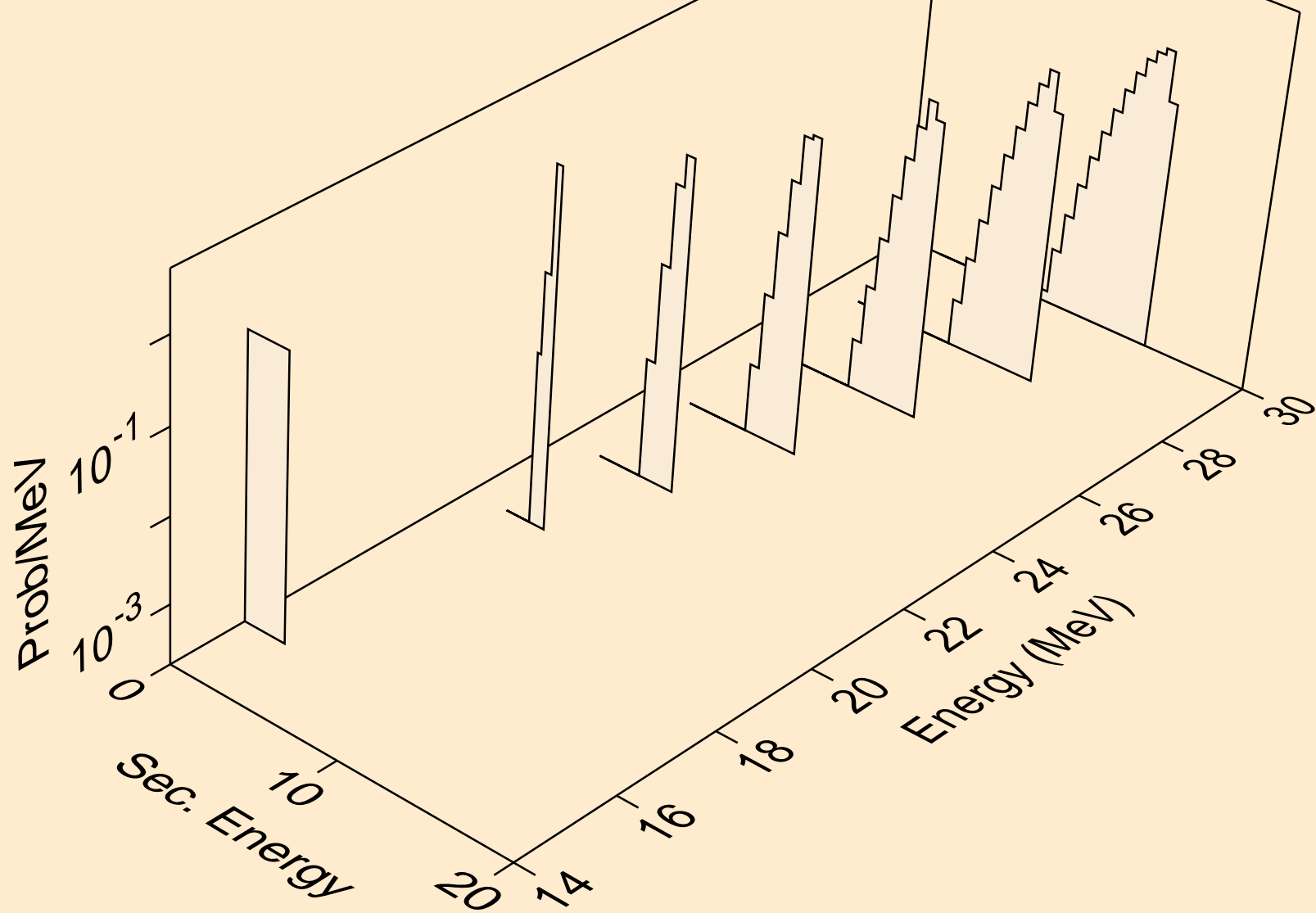
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



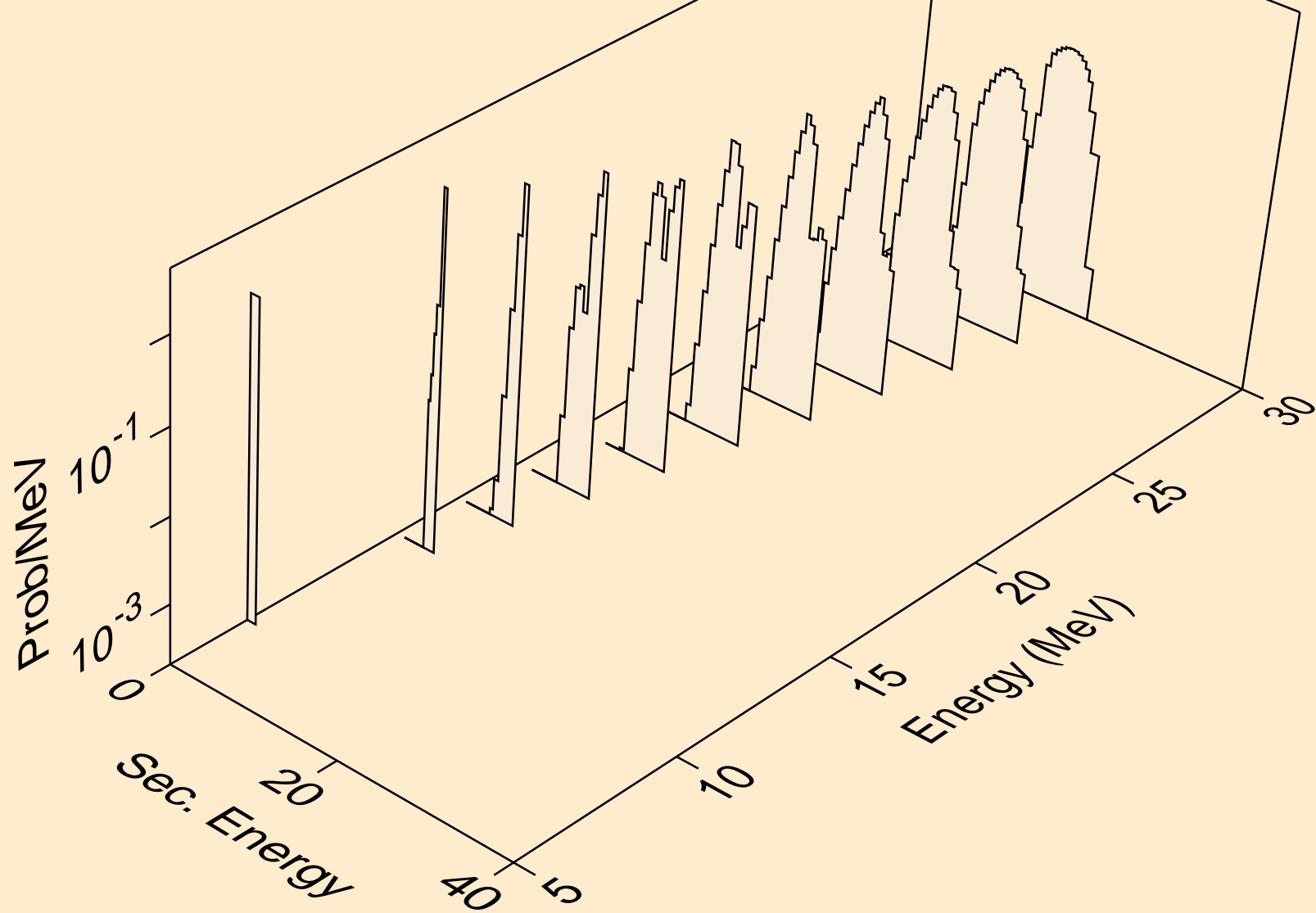
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

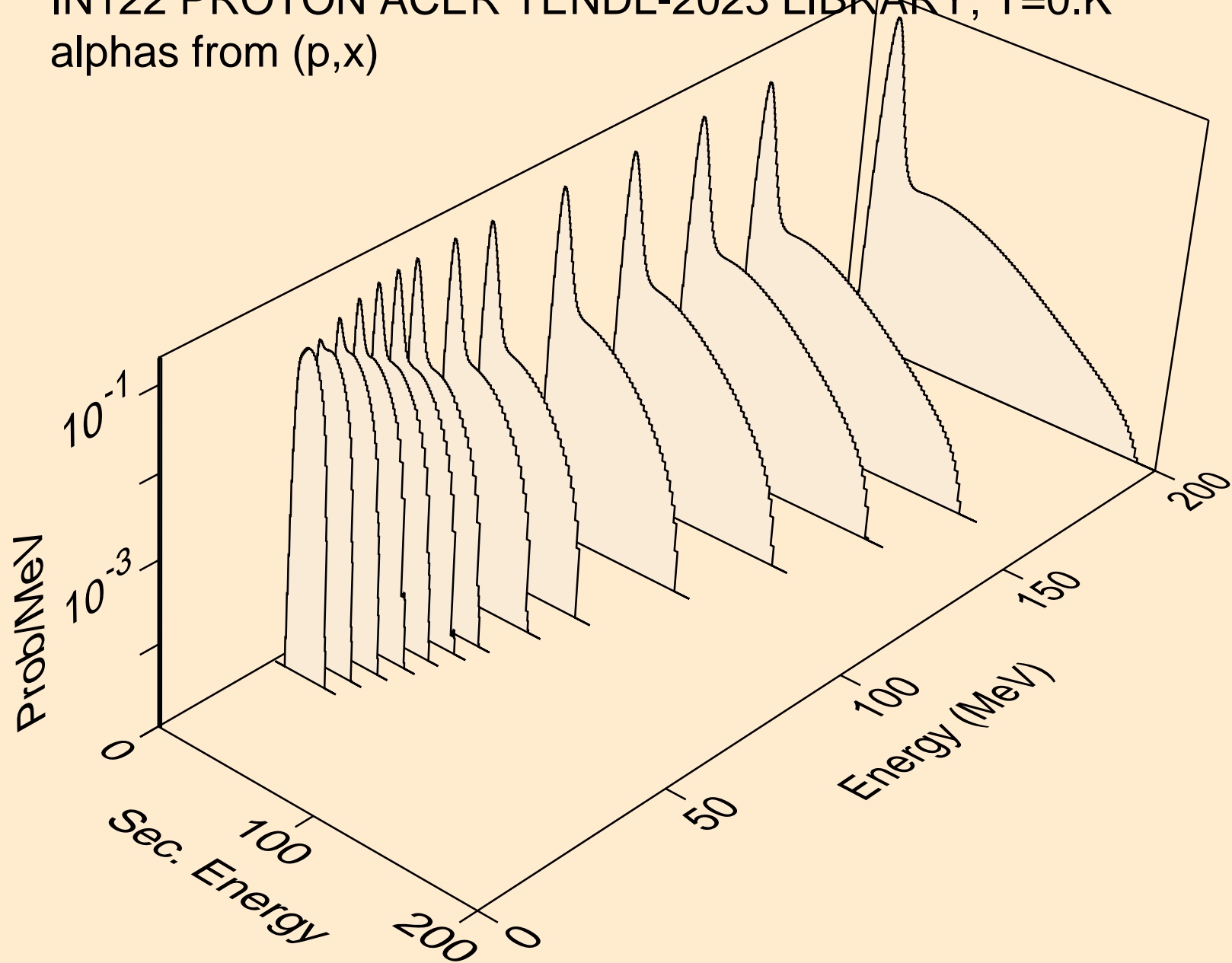


IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

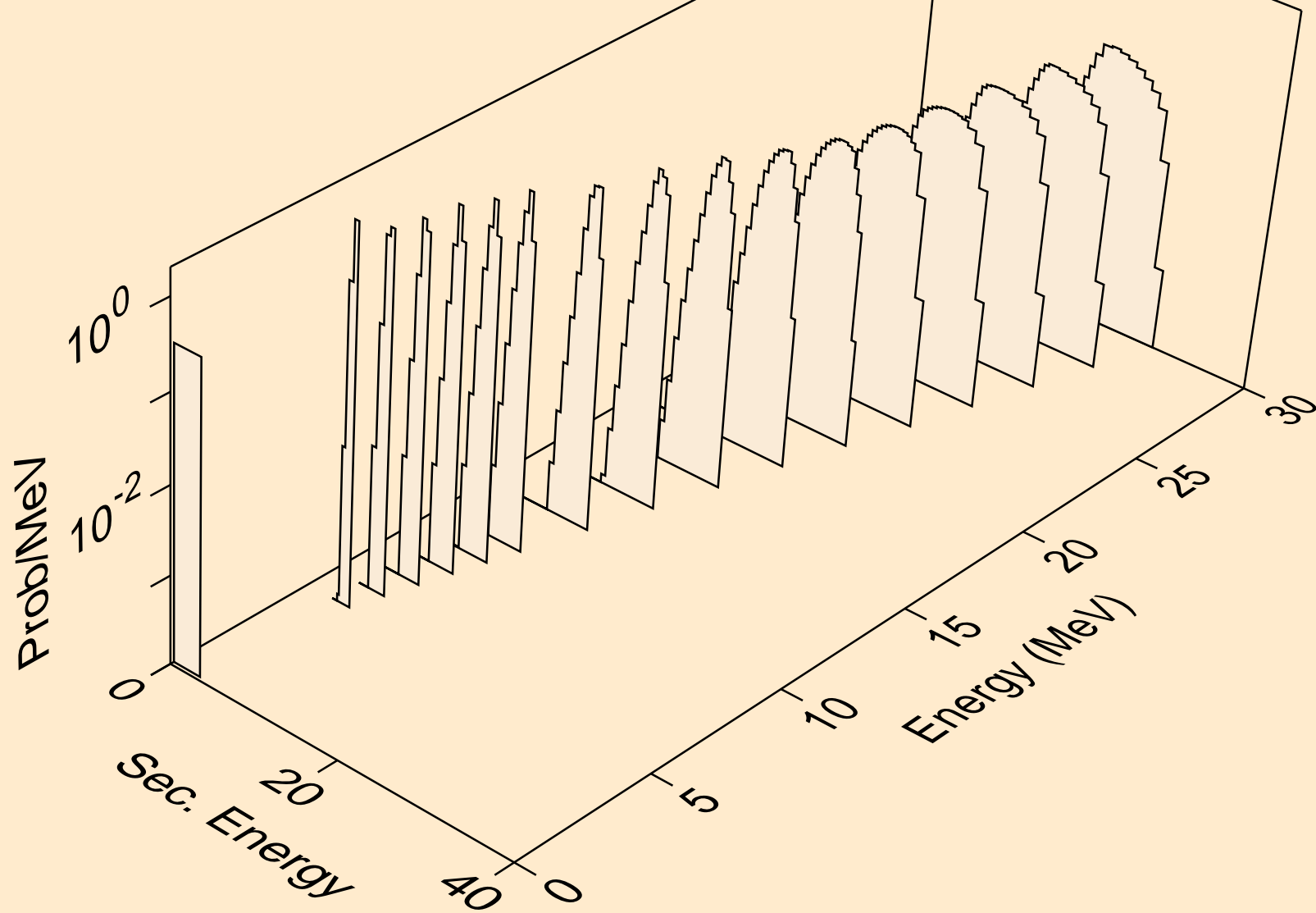




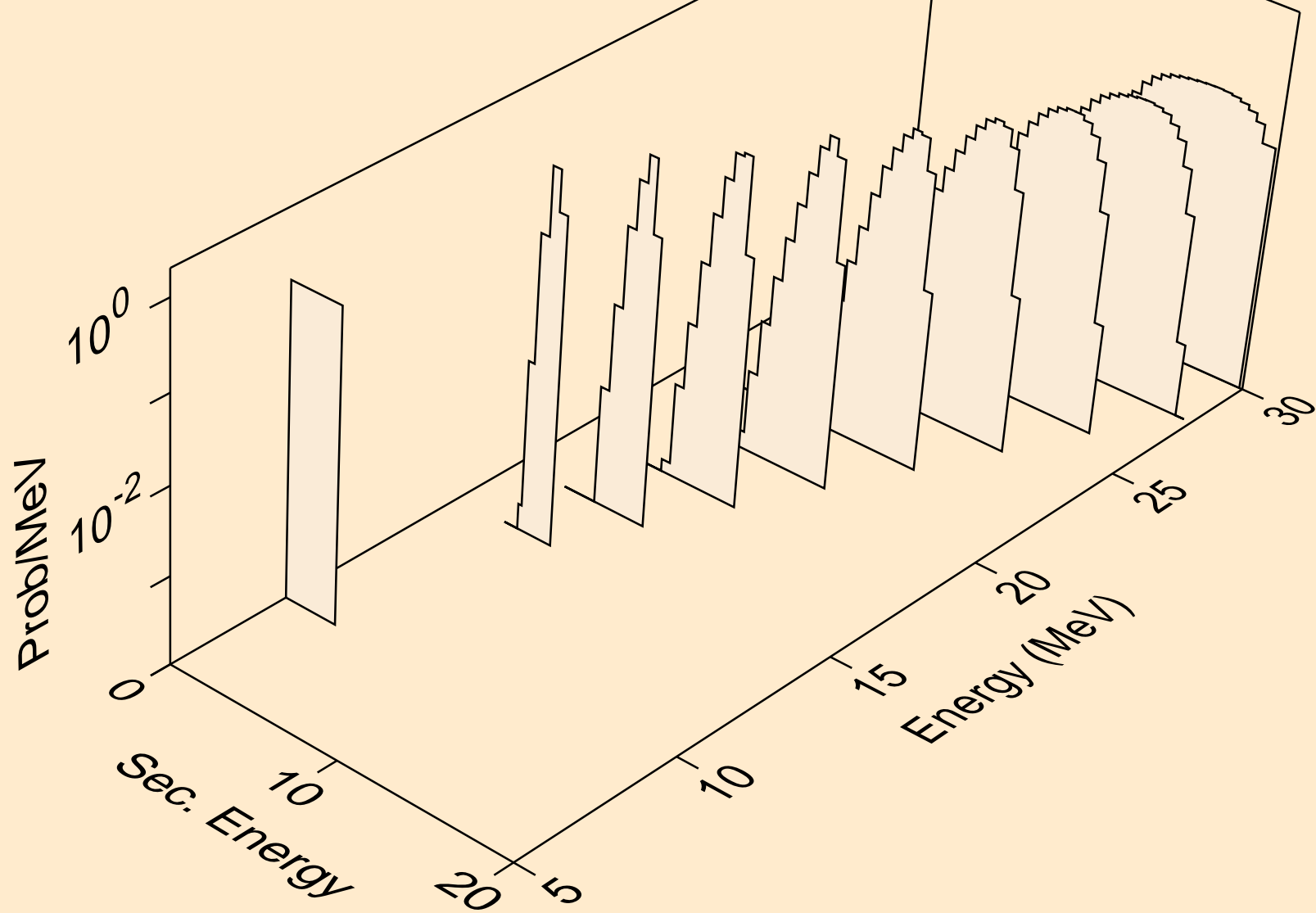
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



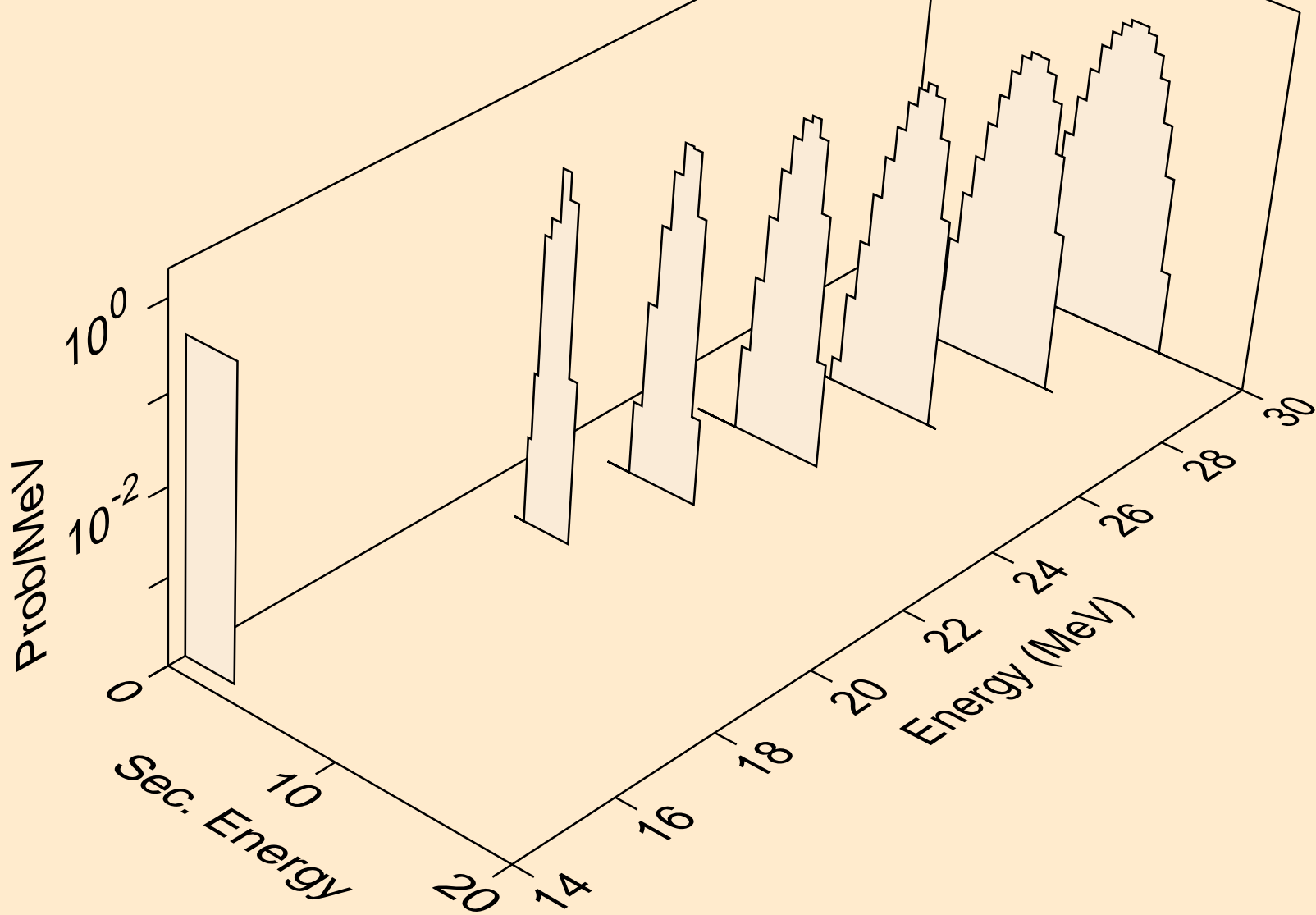
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



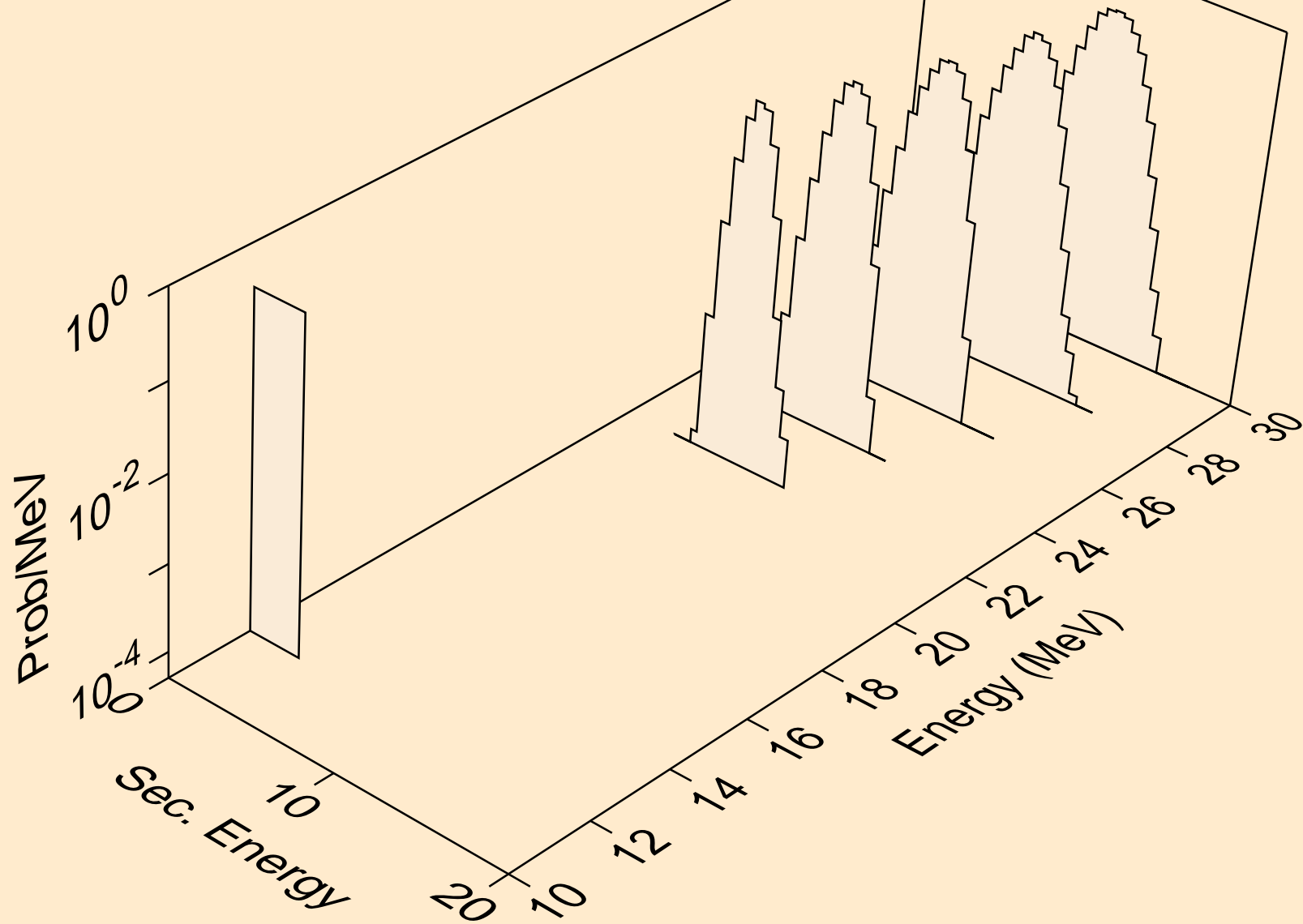
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



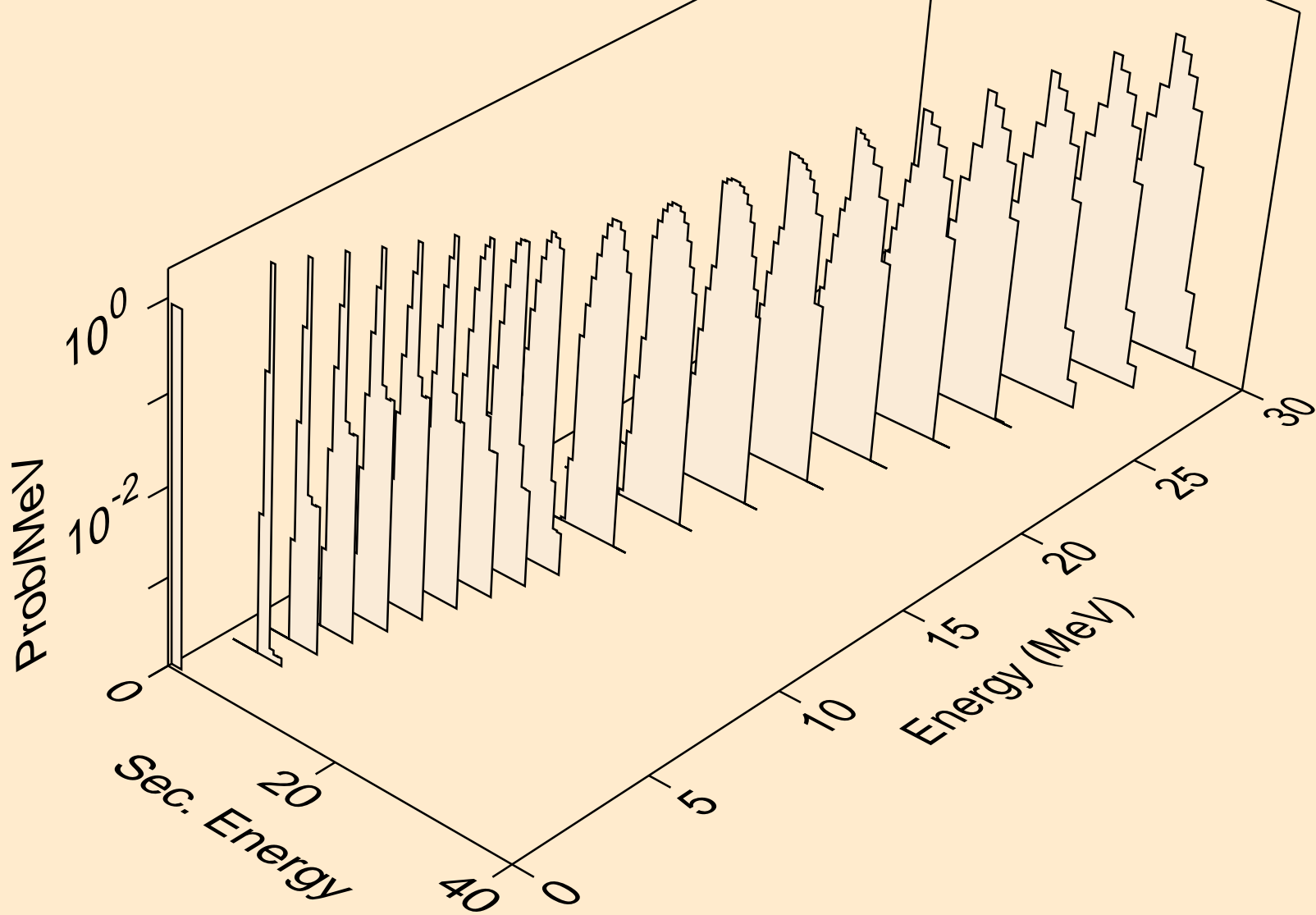
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



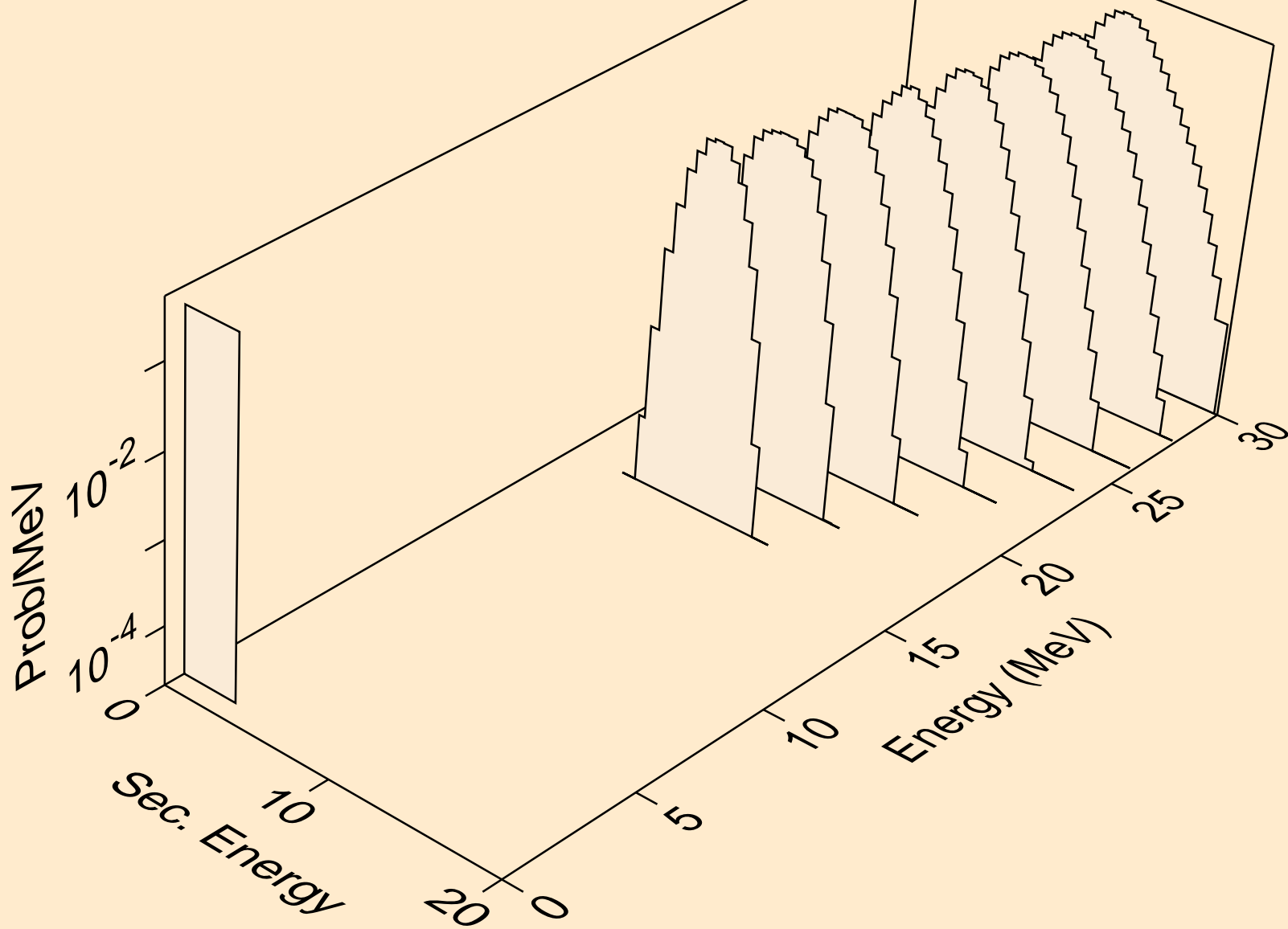
IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



IN122 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

