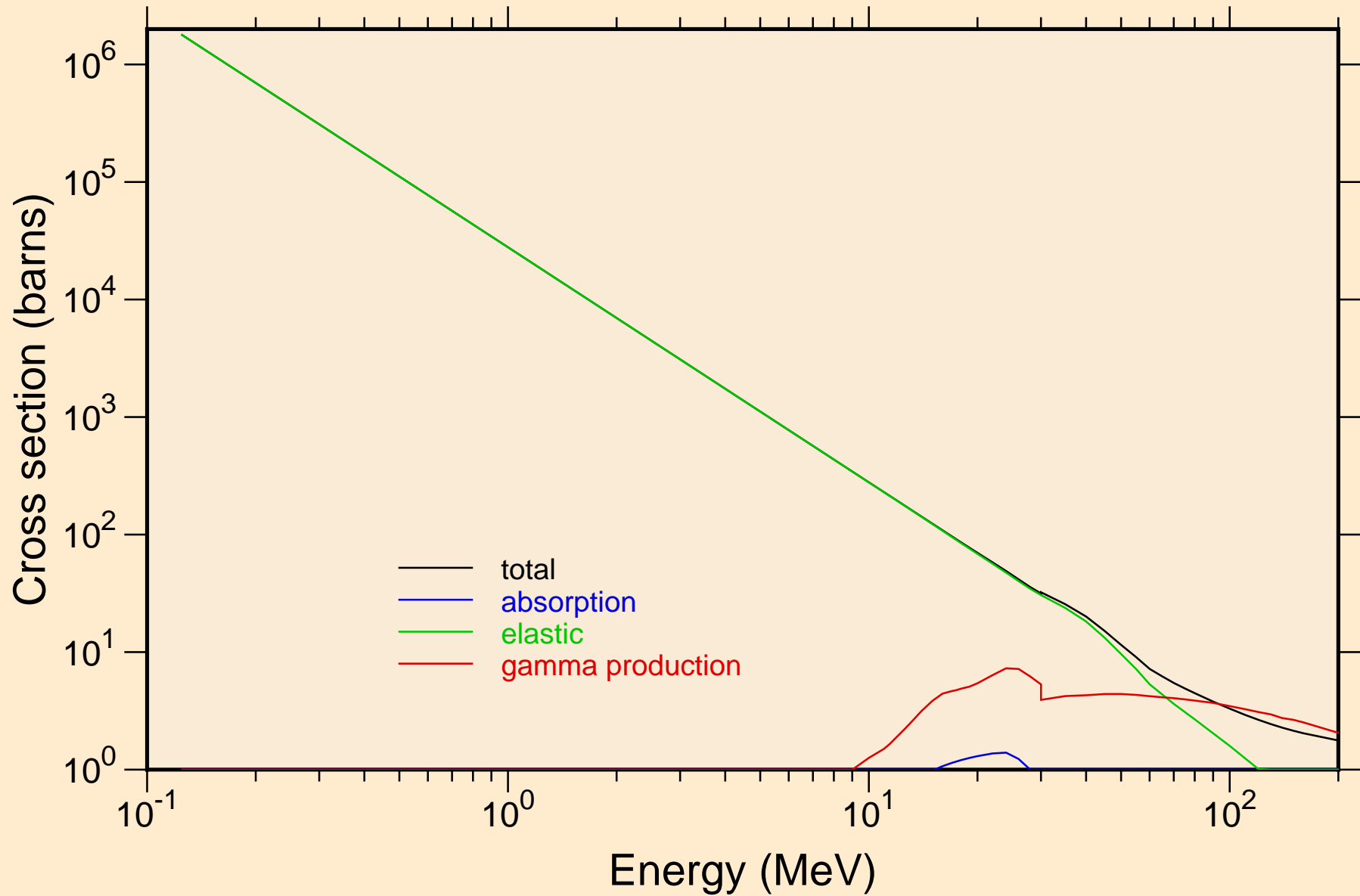


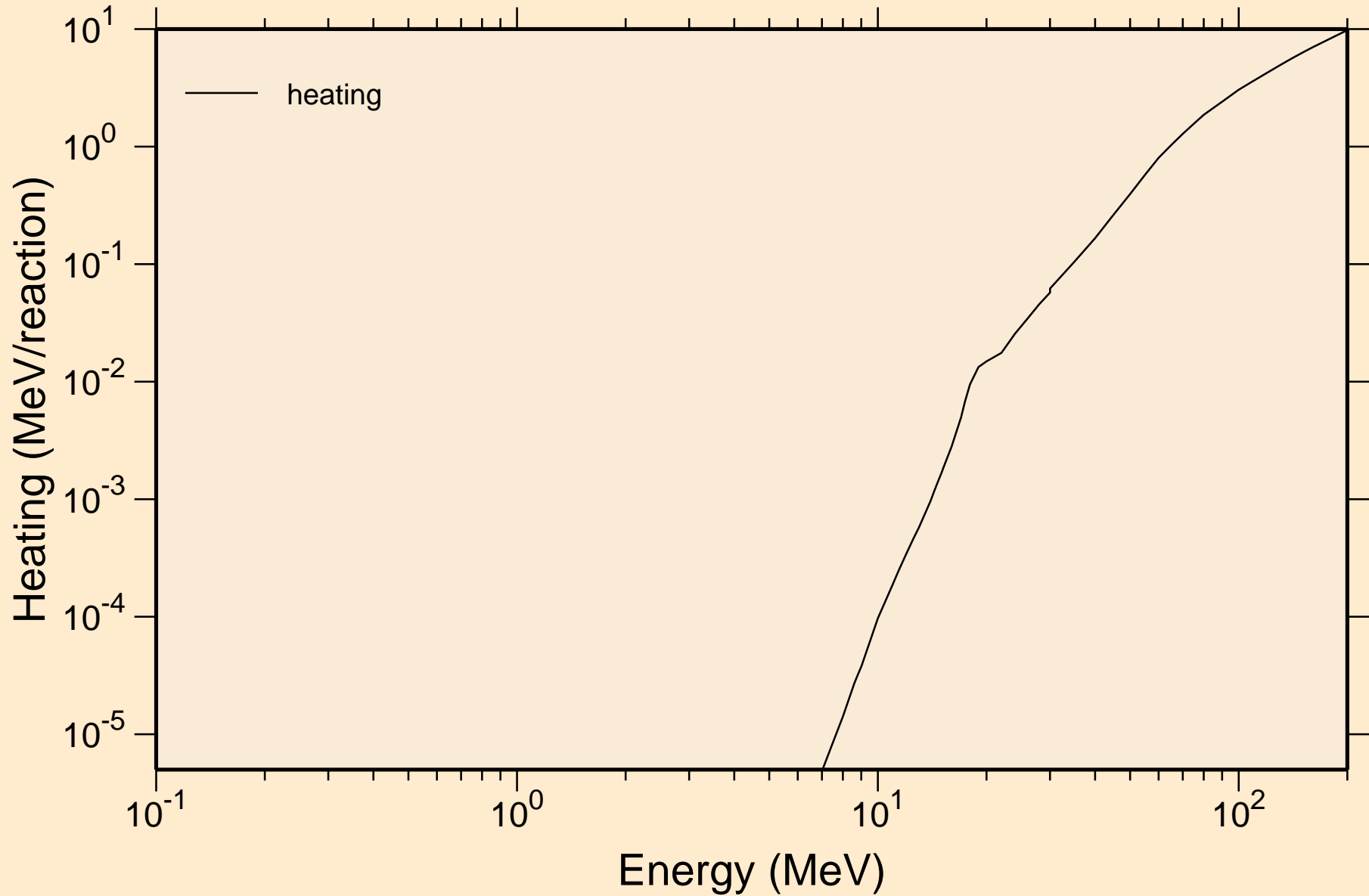
# HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



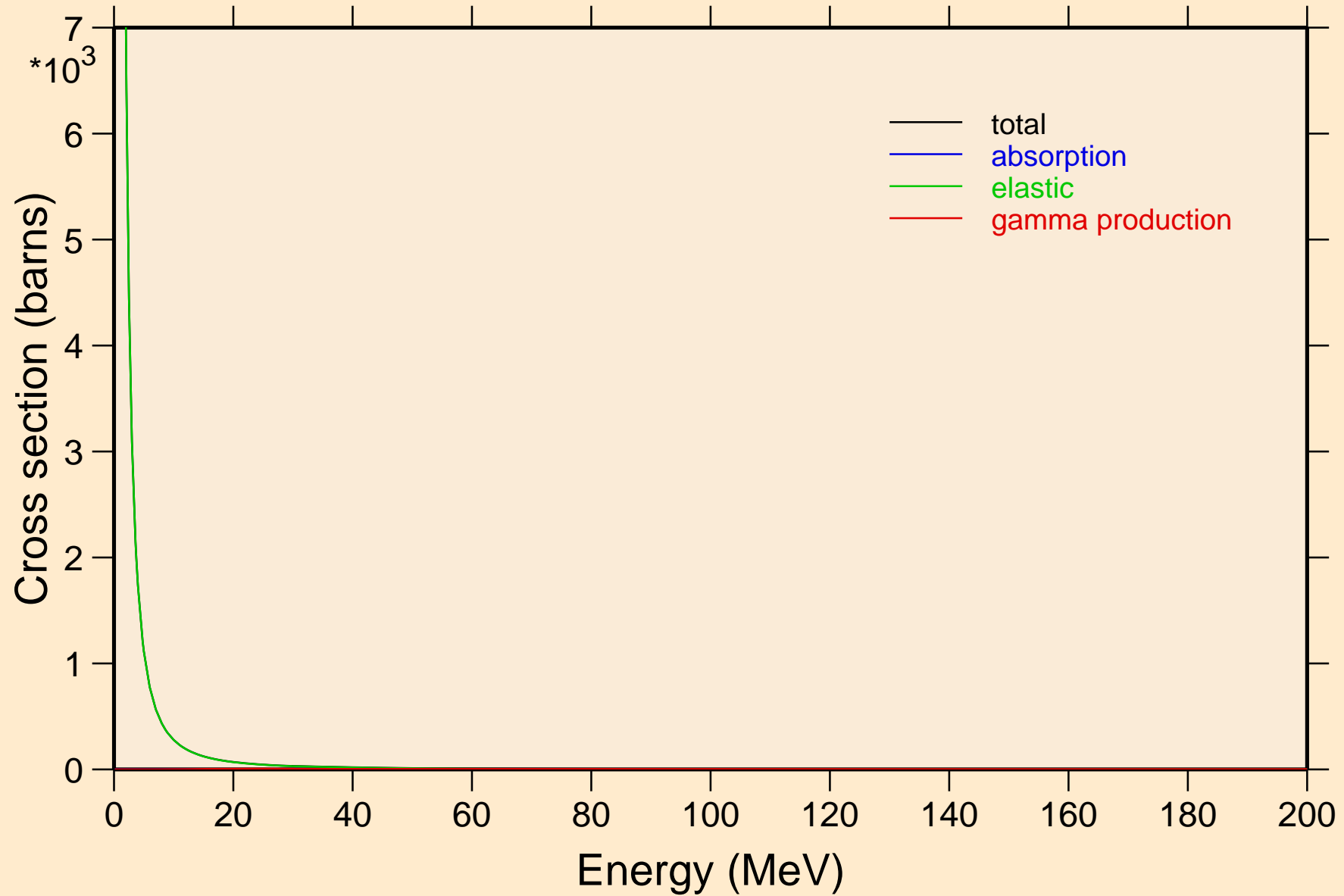
# HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



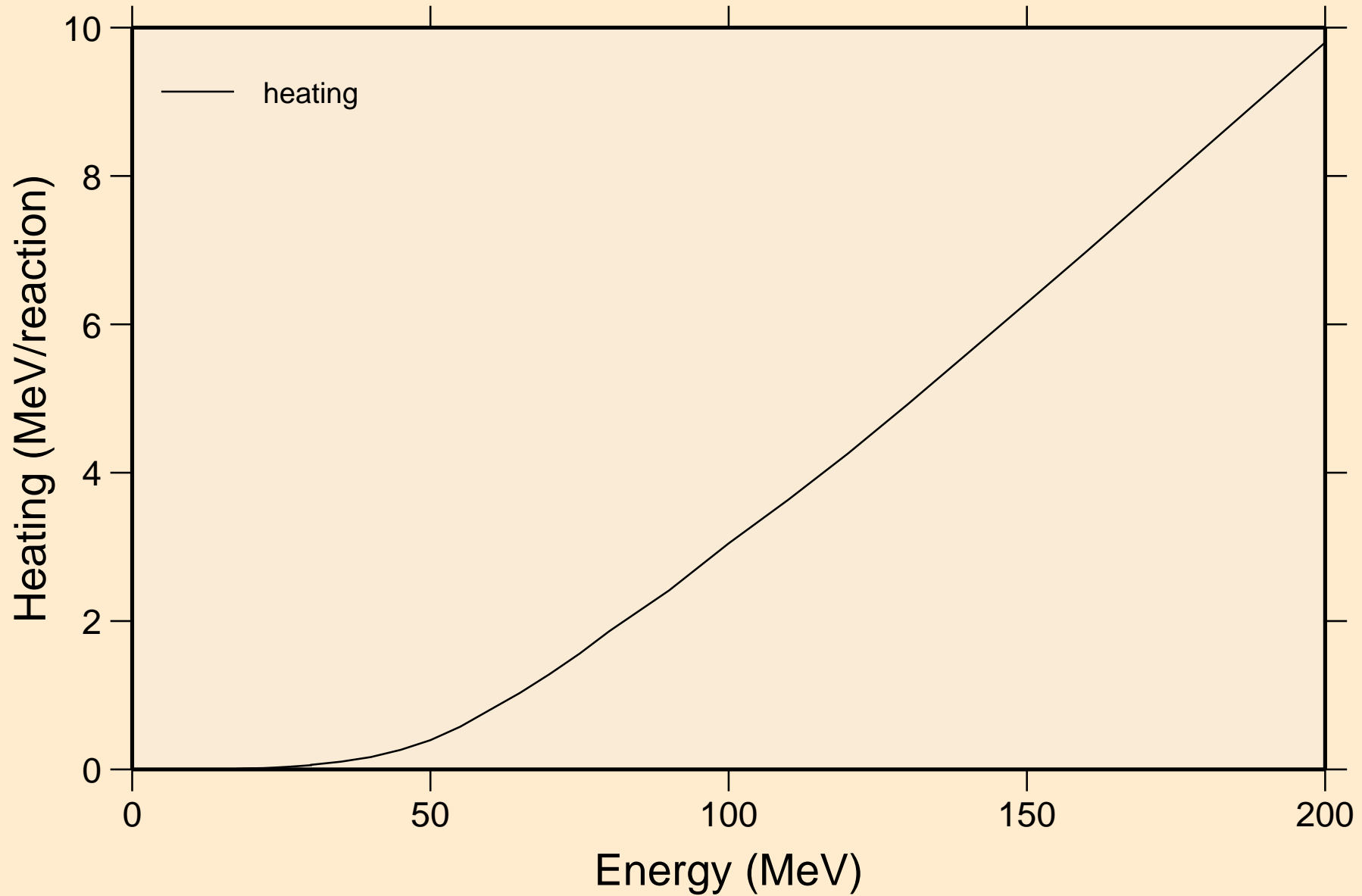
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## Principal cross sections



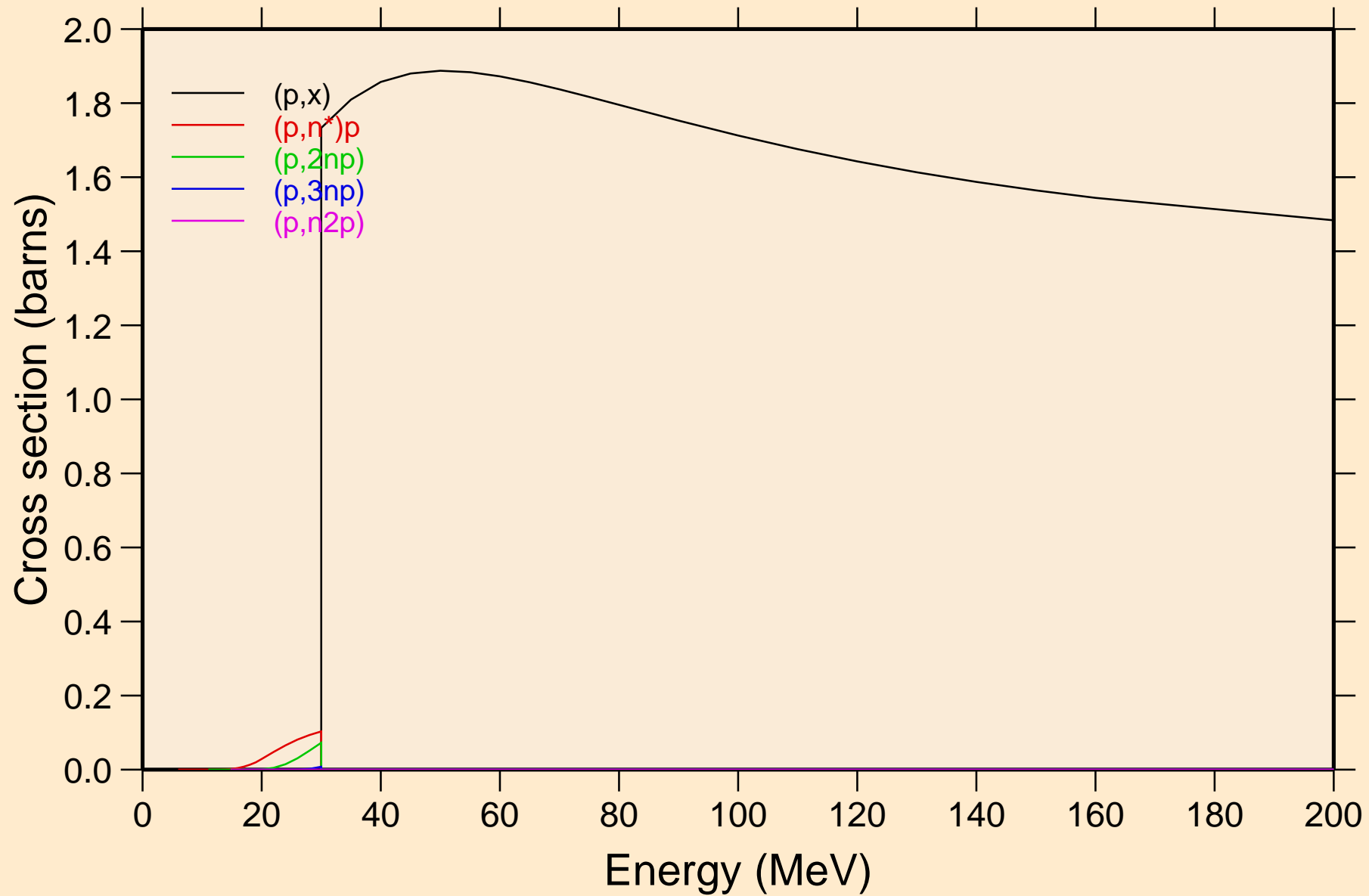
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## Heating



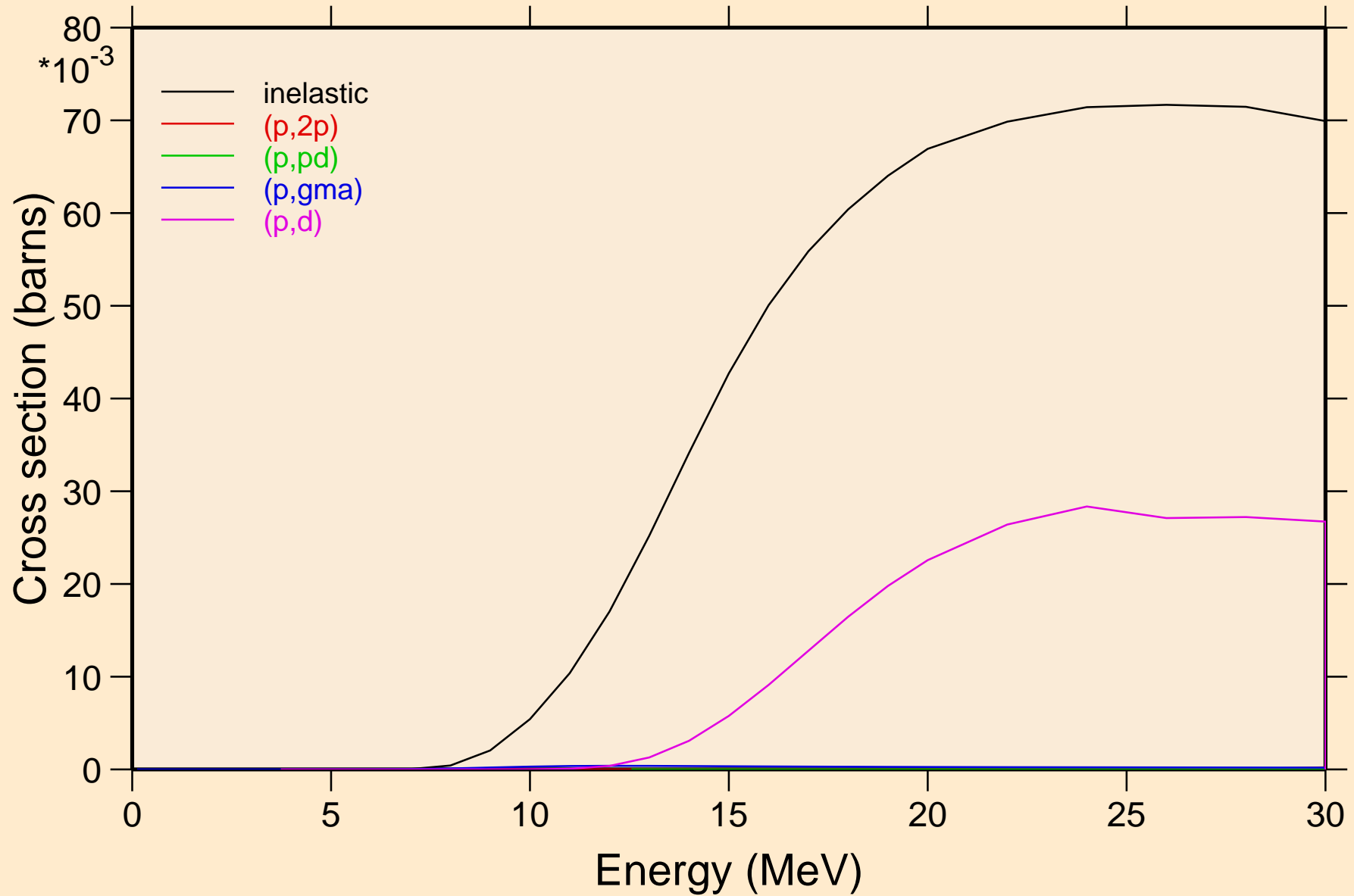
# HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



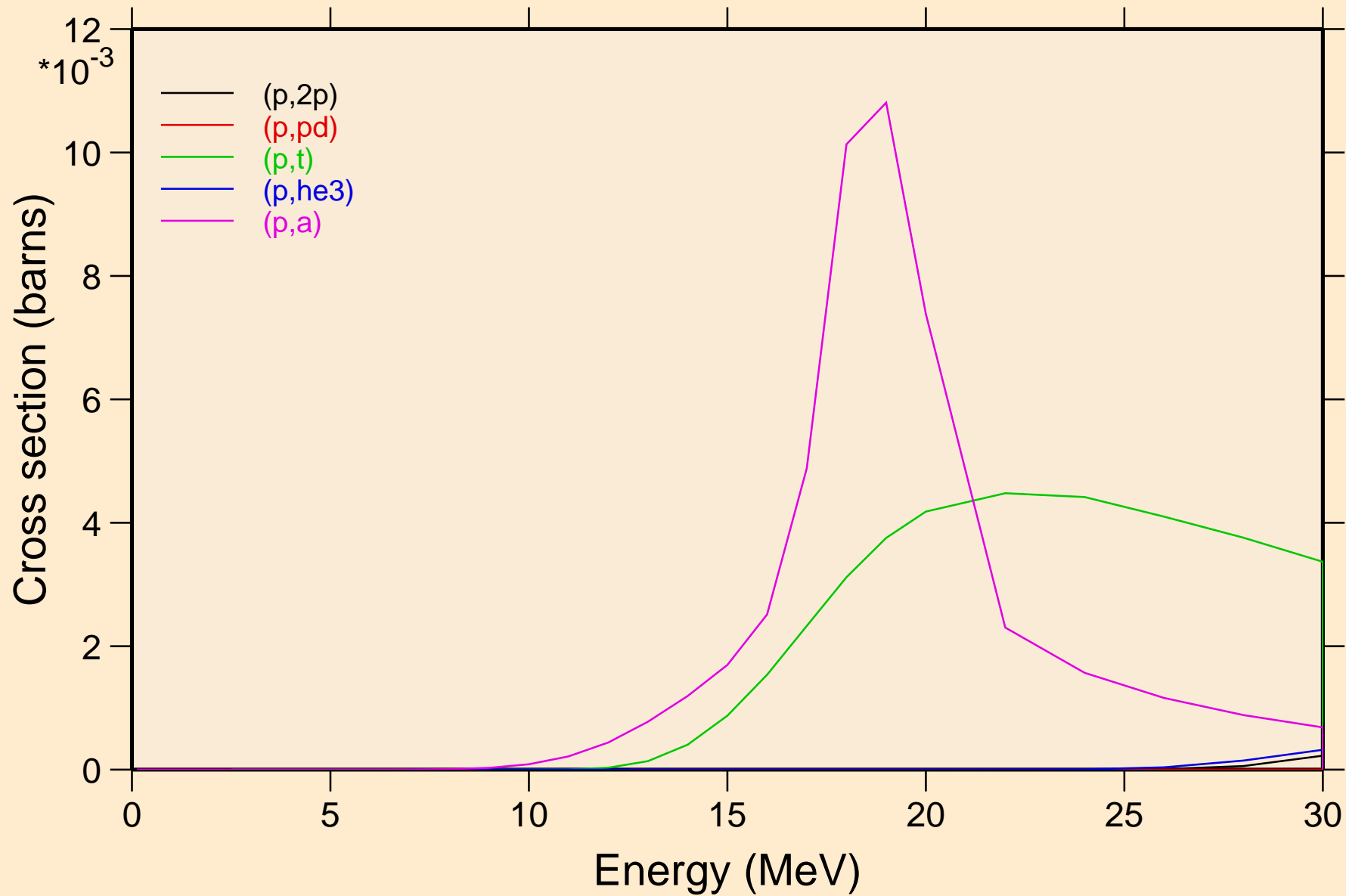
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## Threshold reactions

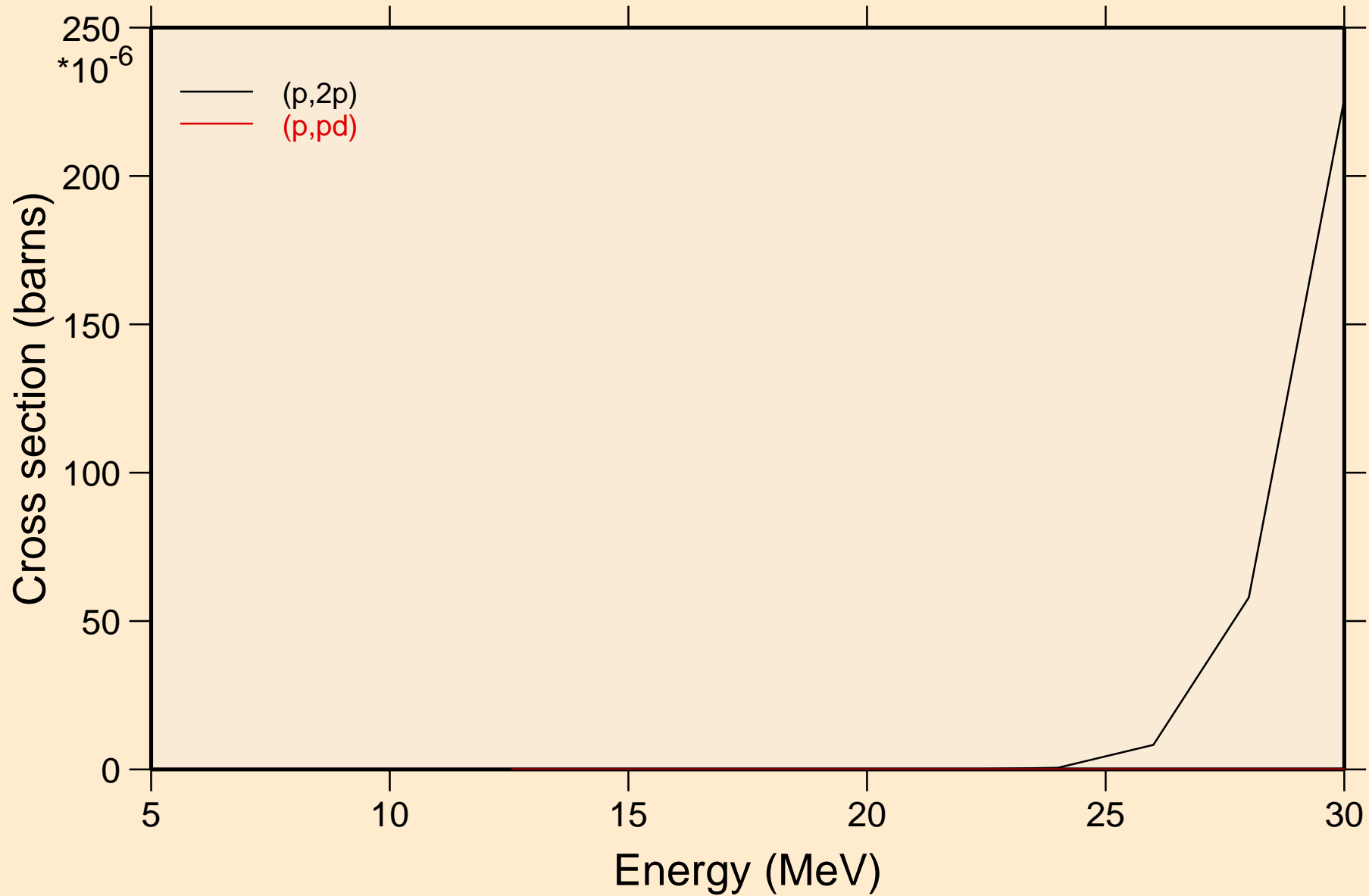


# HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

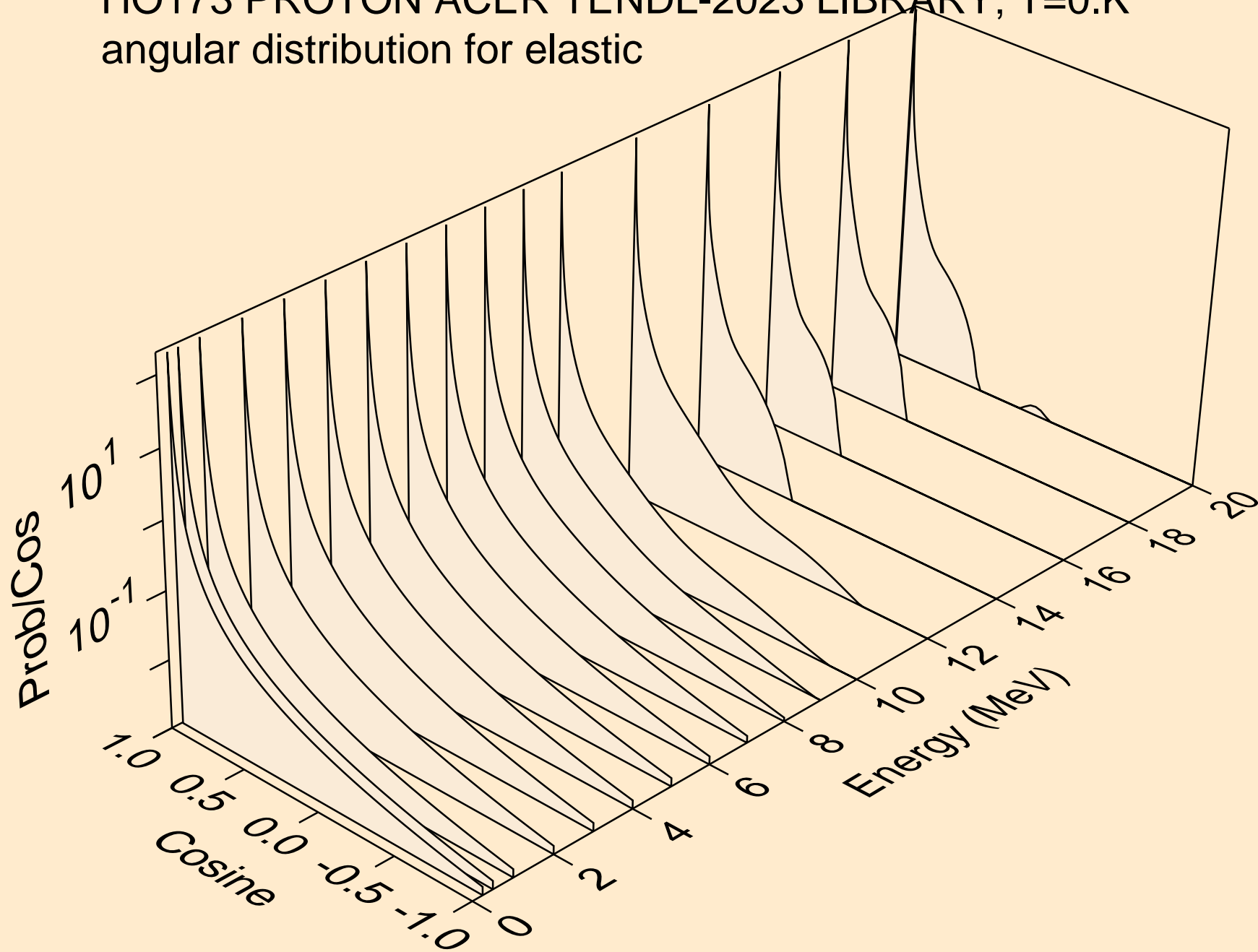


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

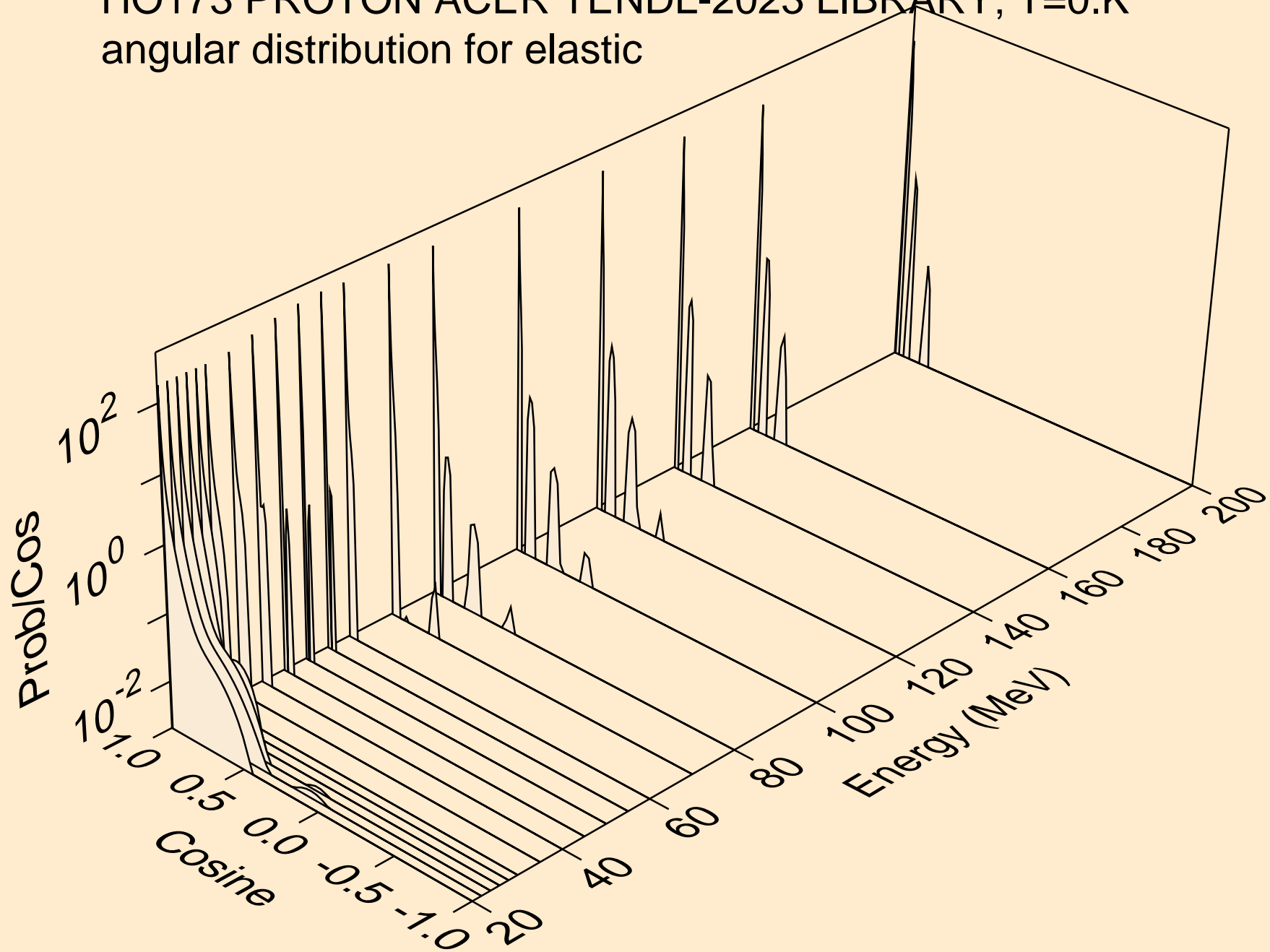




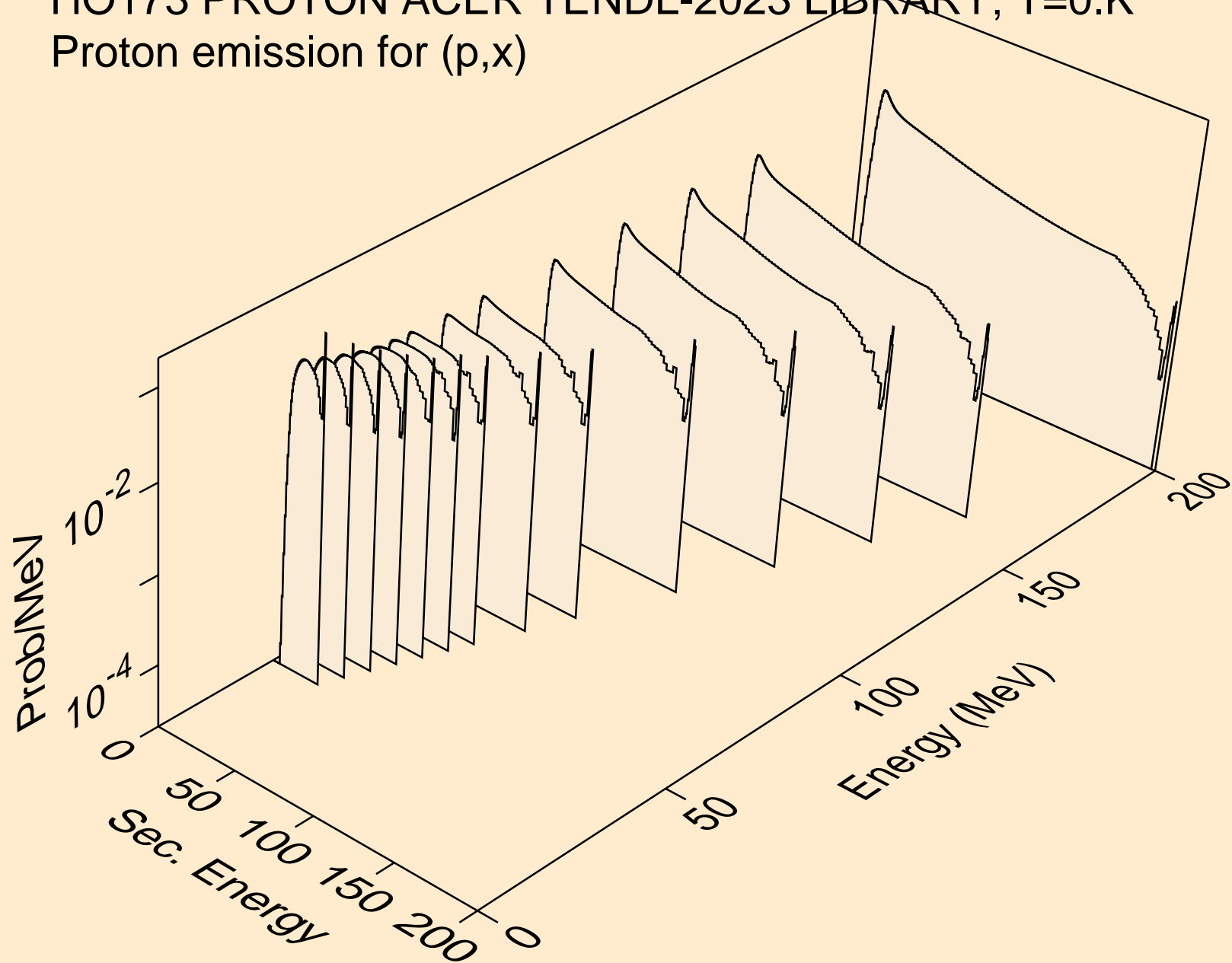
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



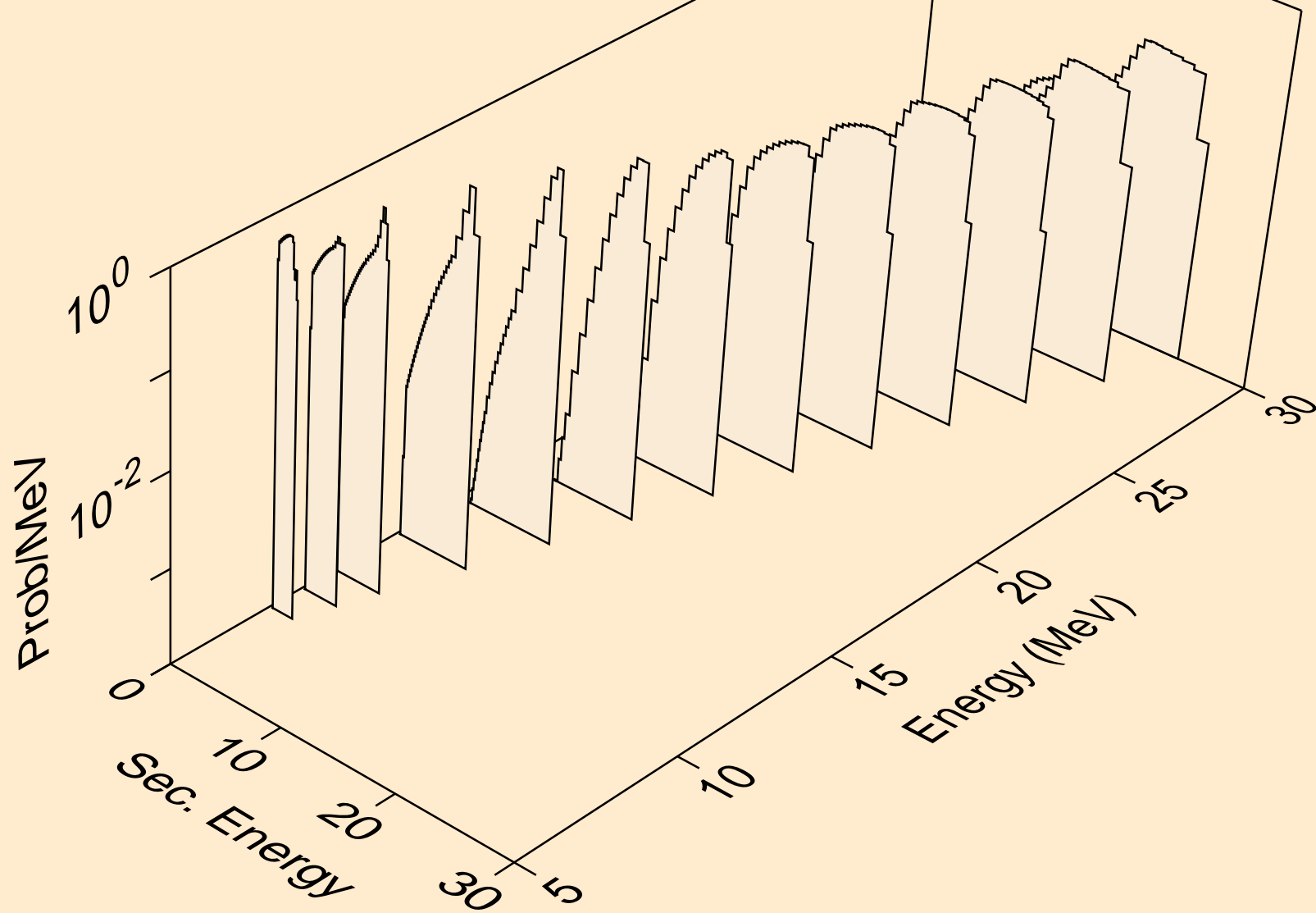
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



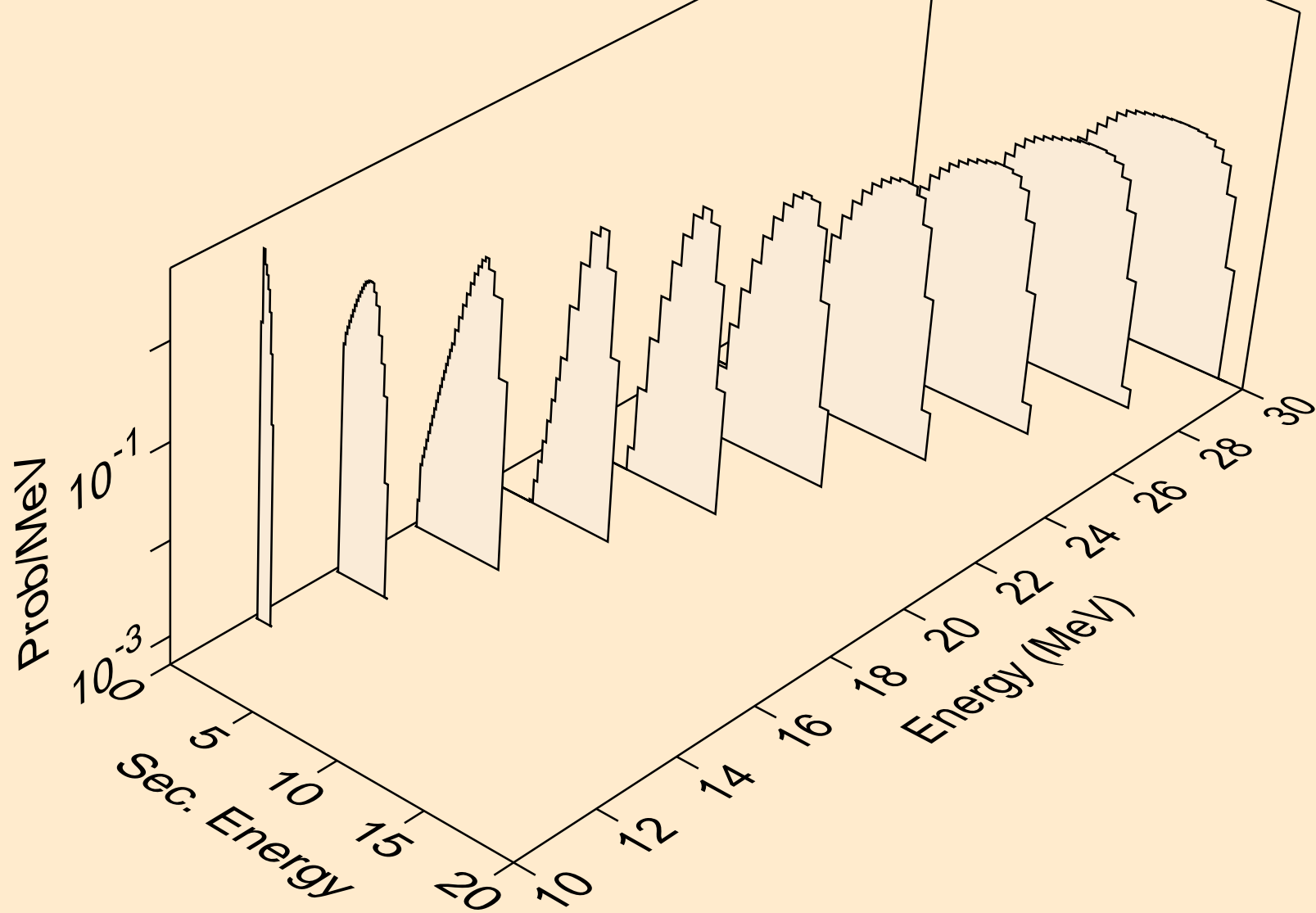
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



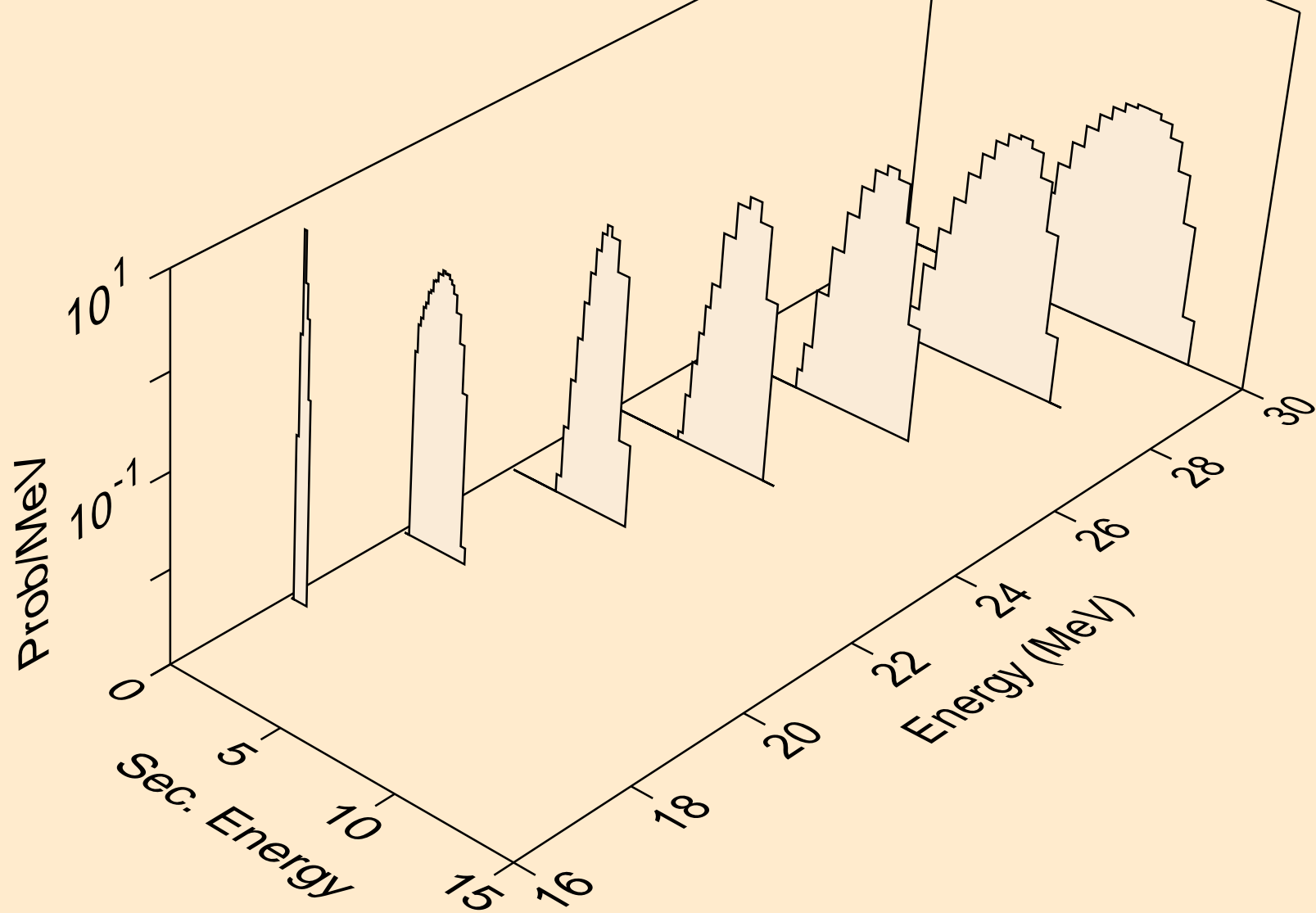
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



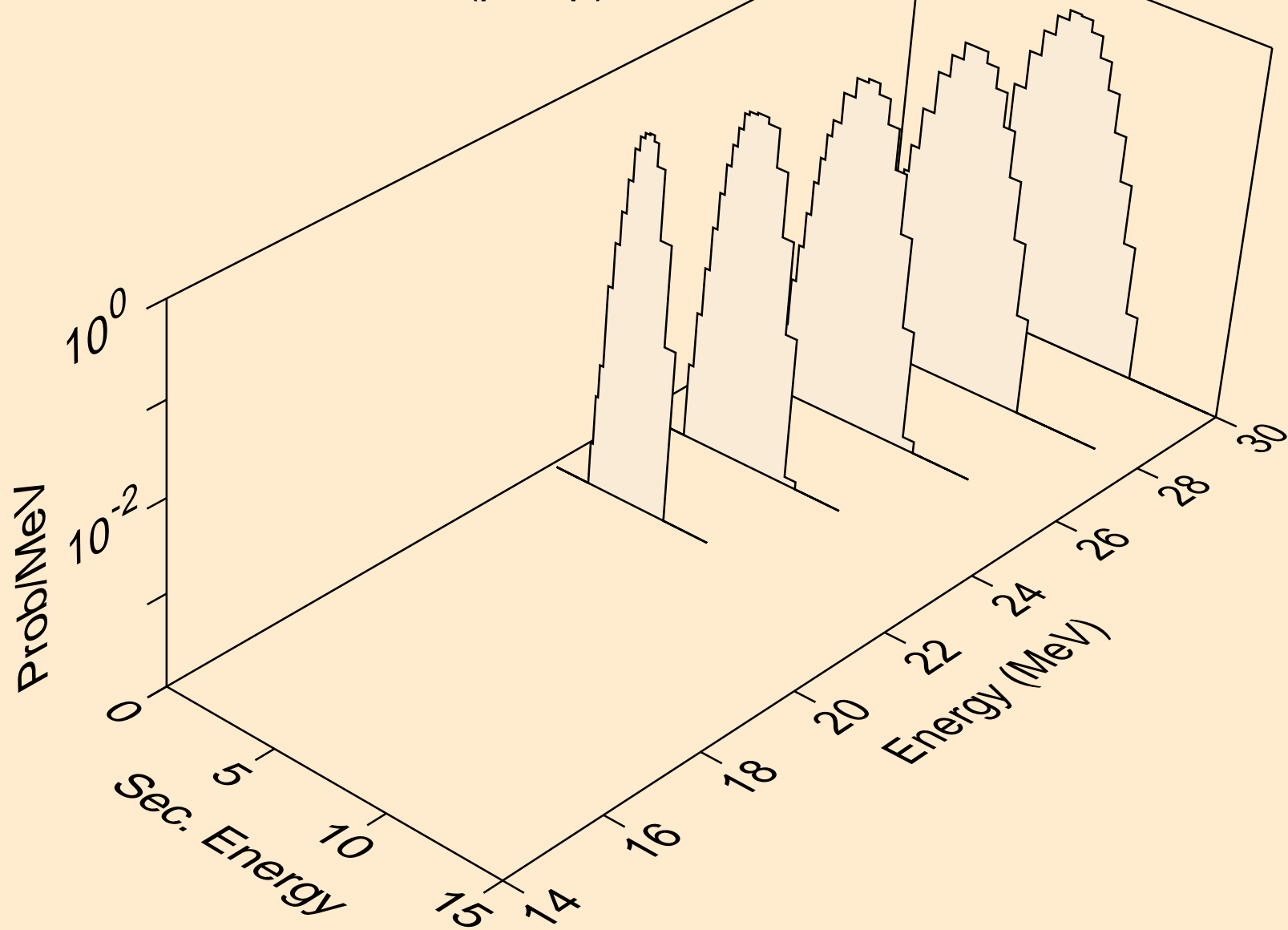
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



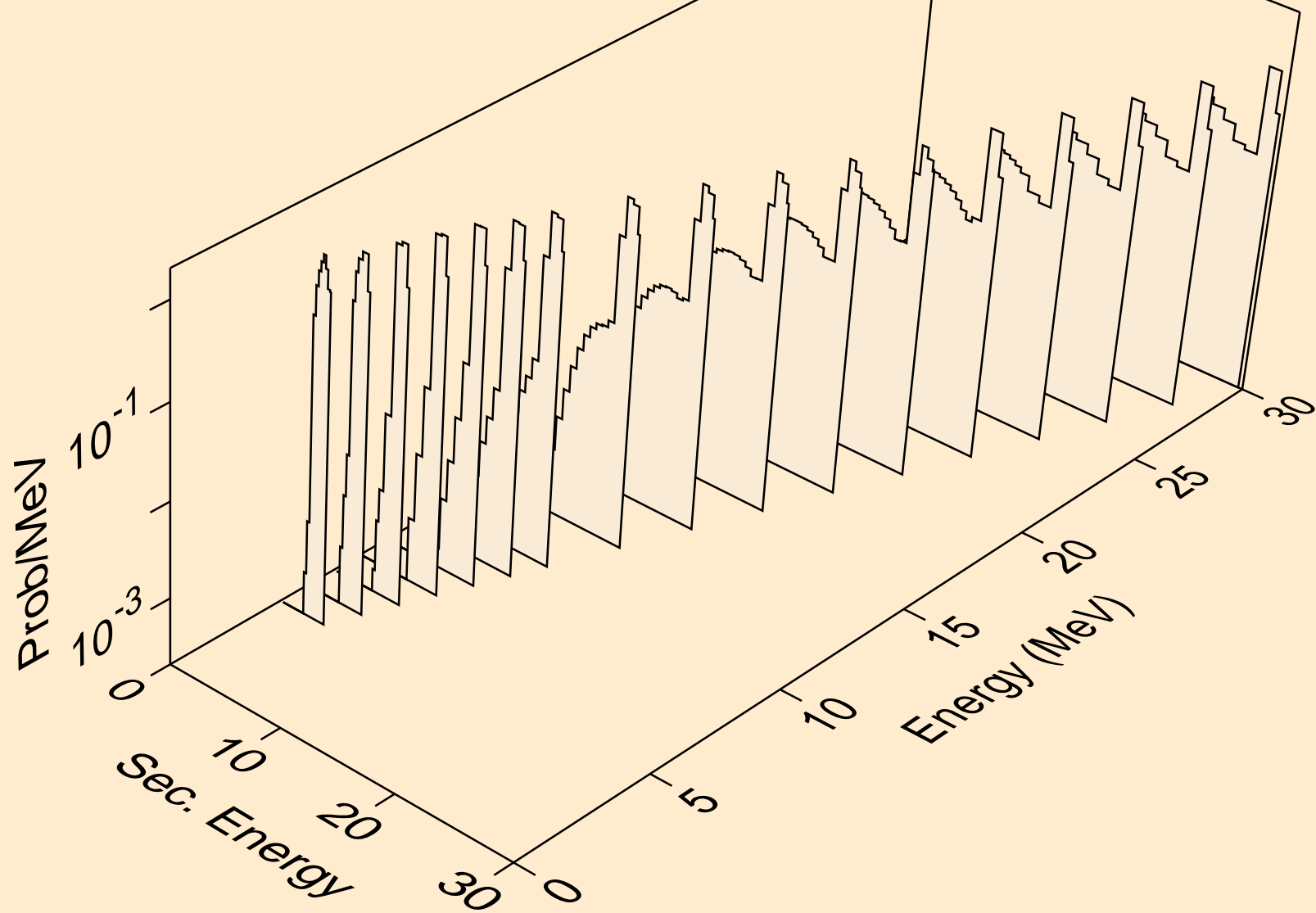
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

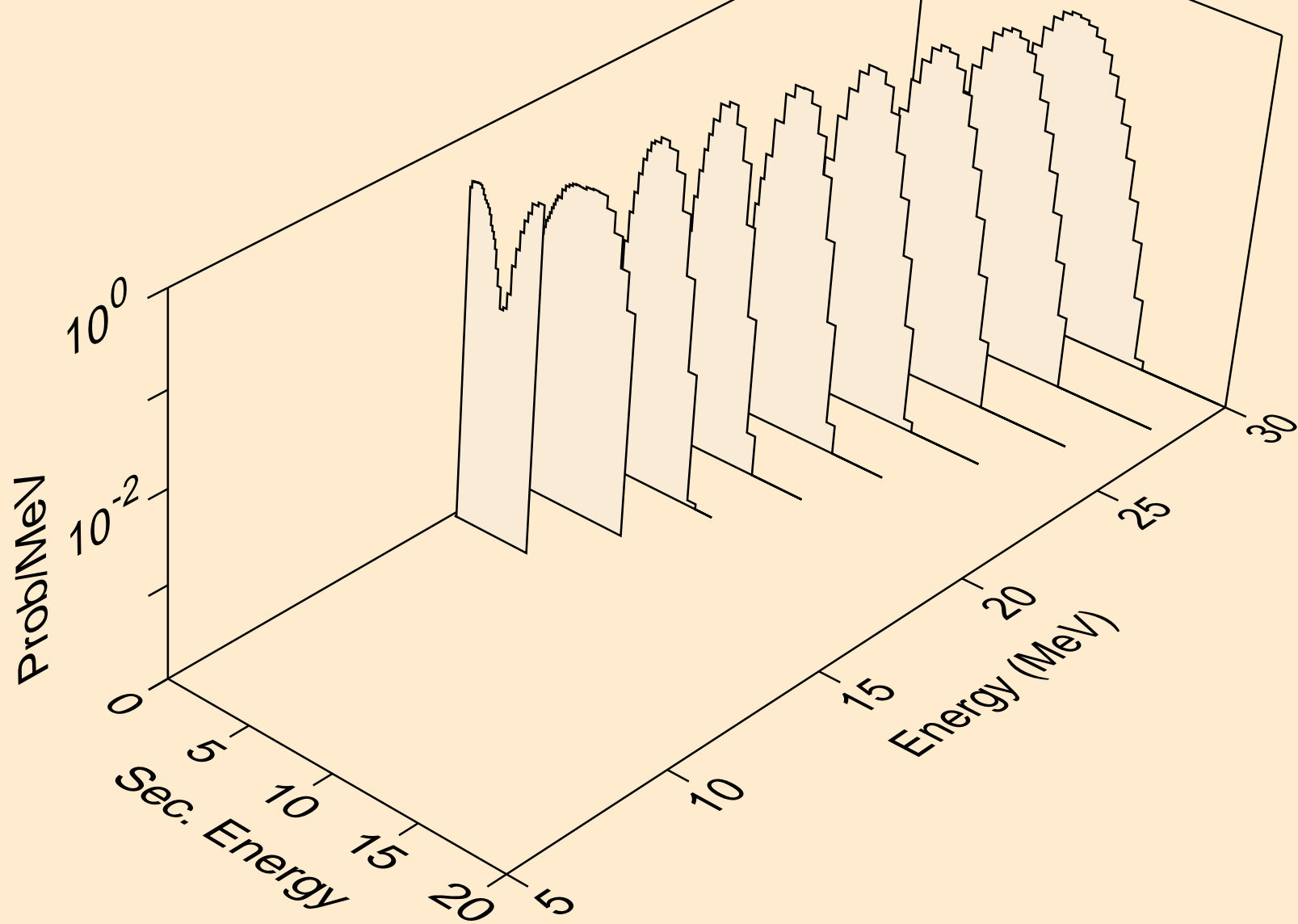


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

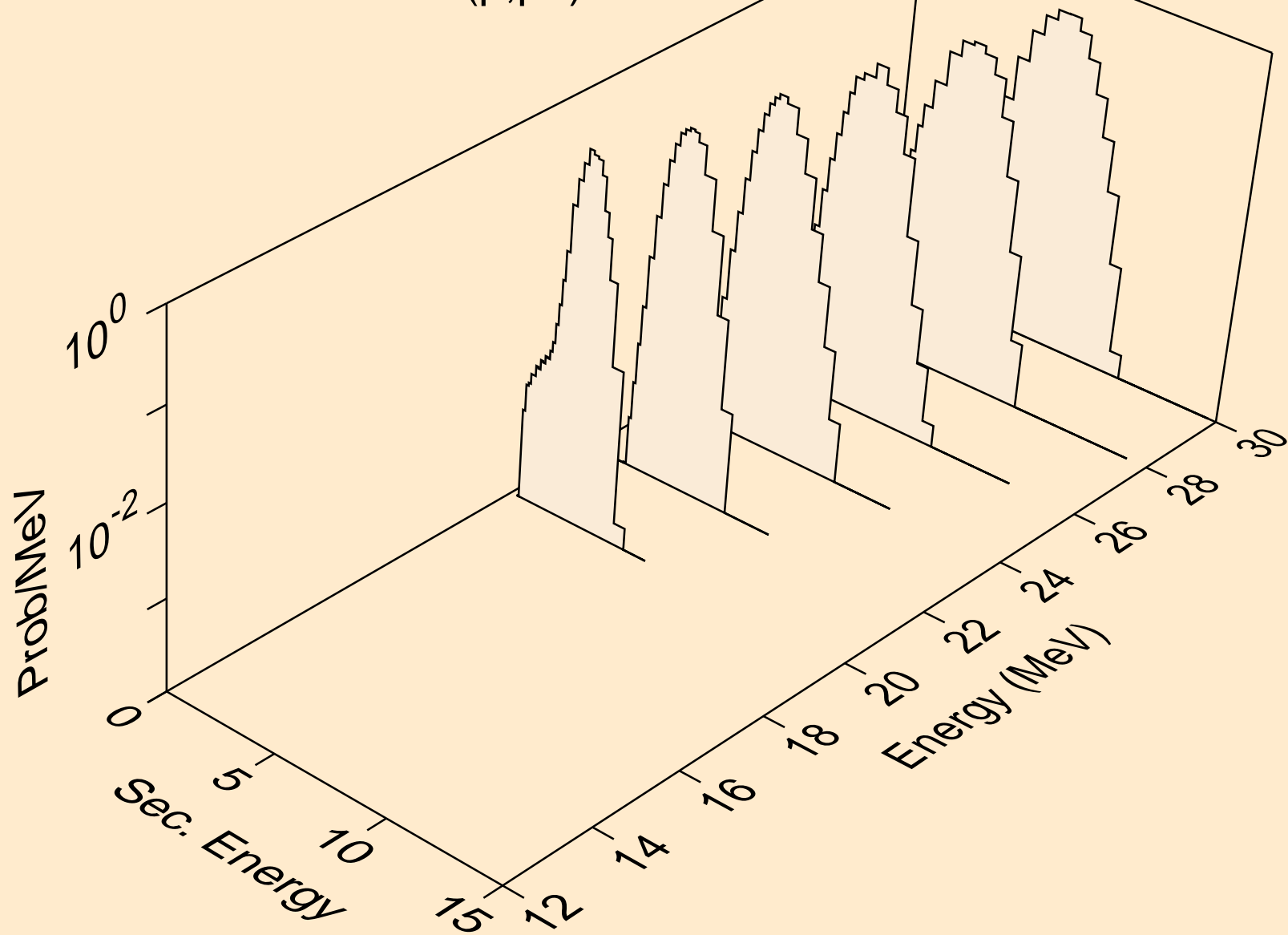




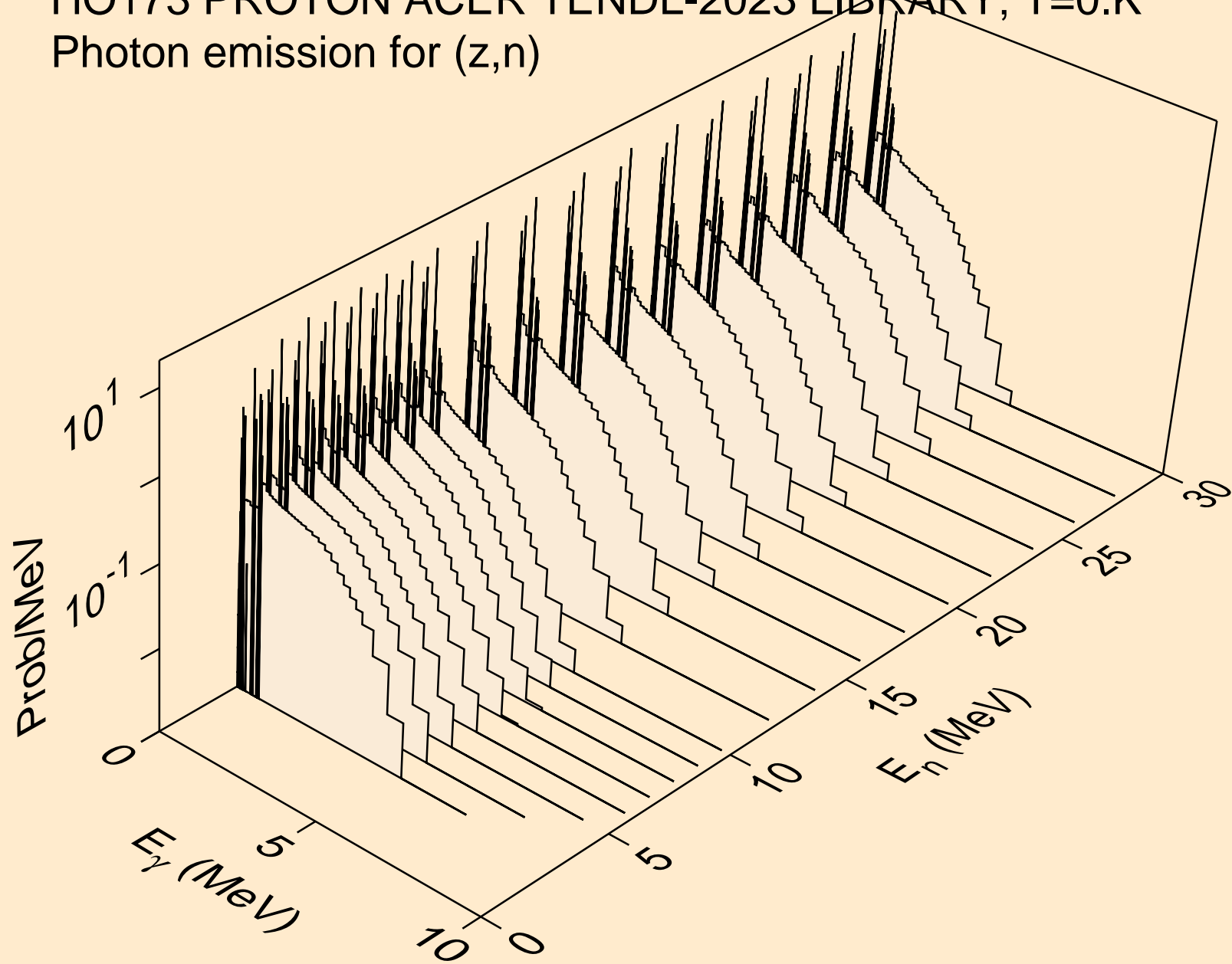
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



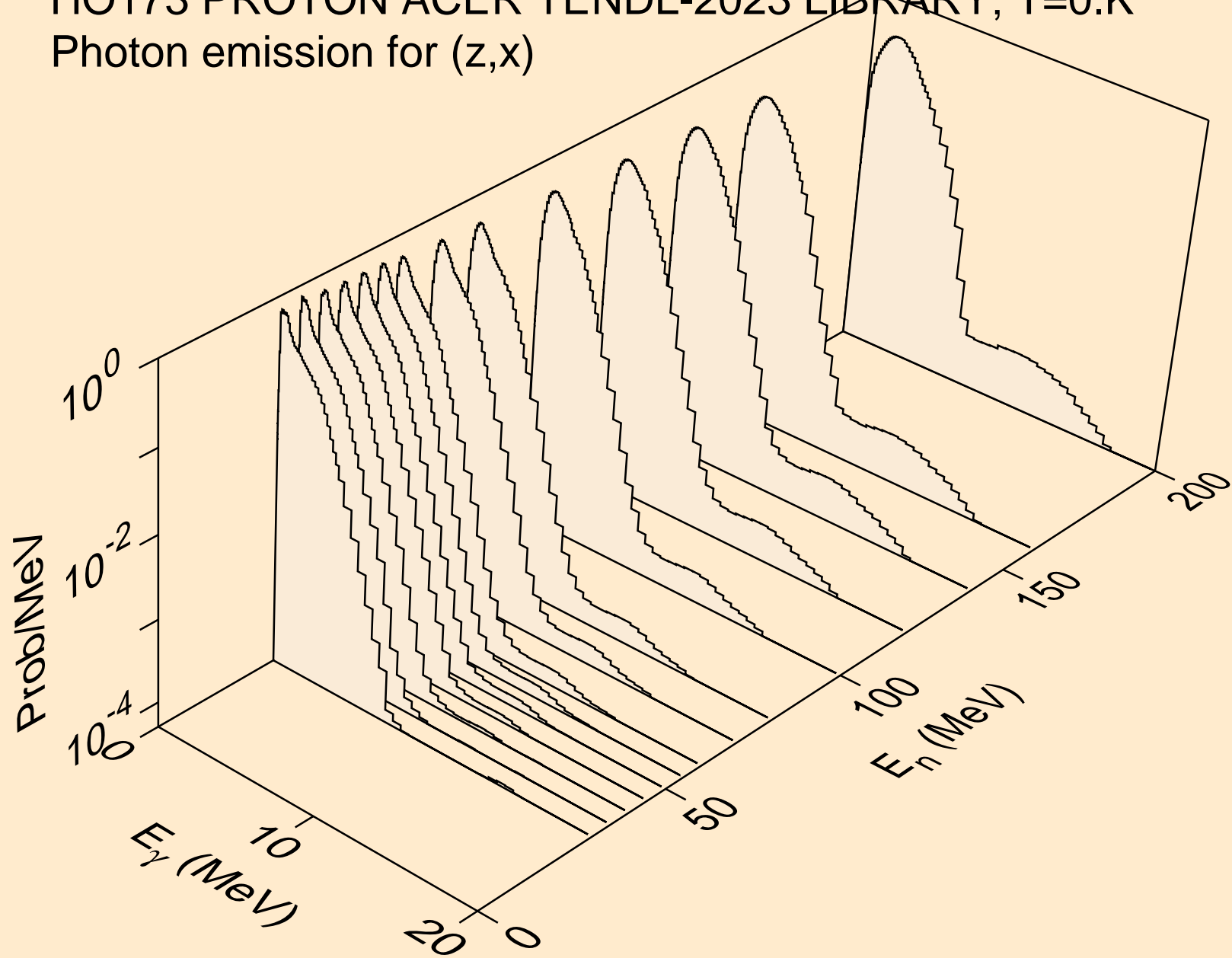
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



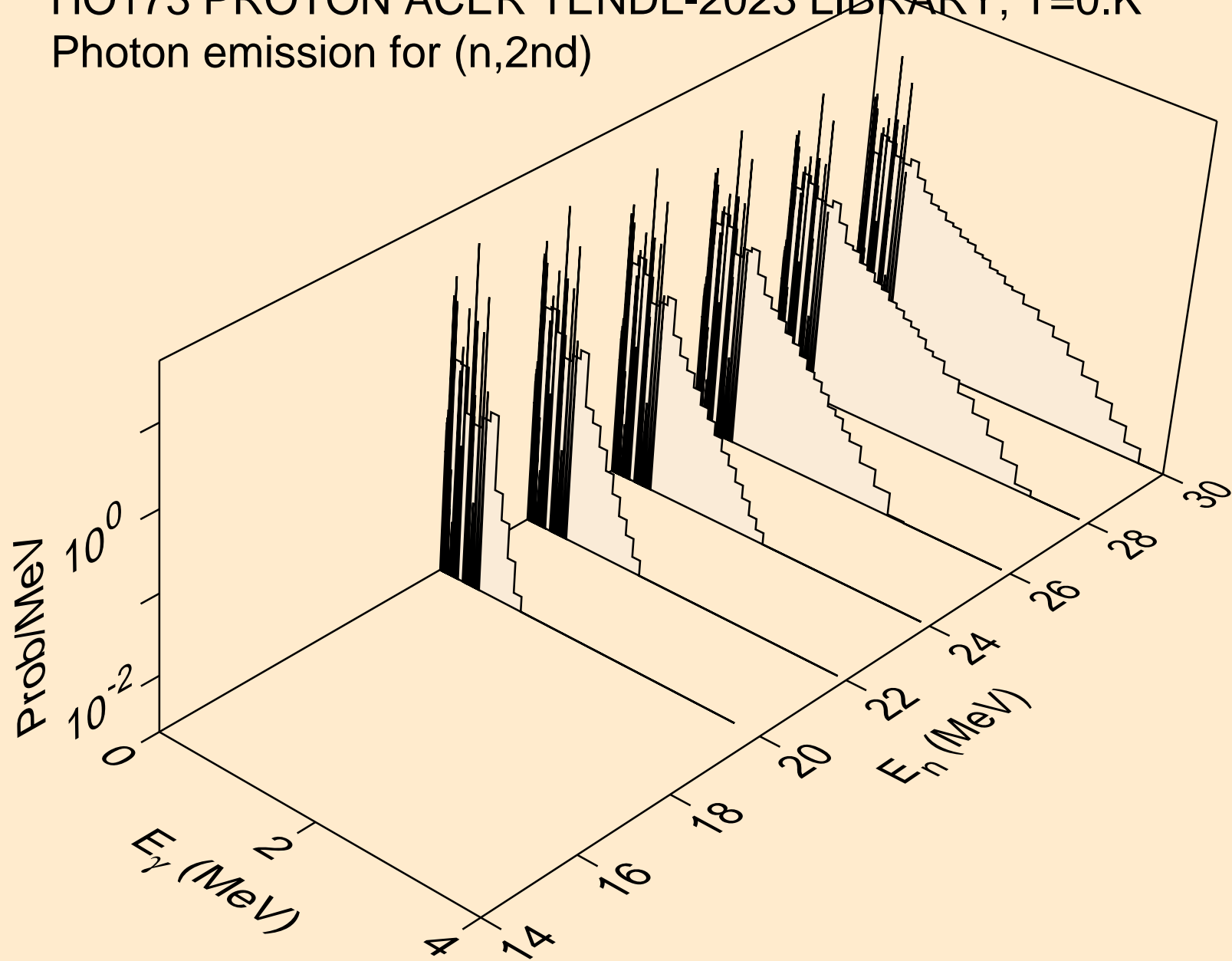
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



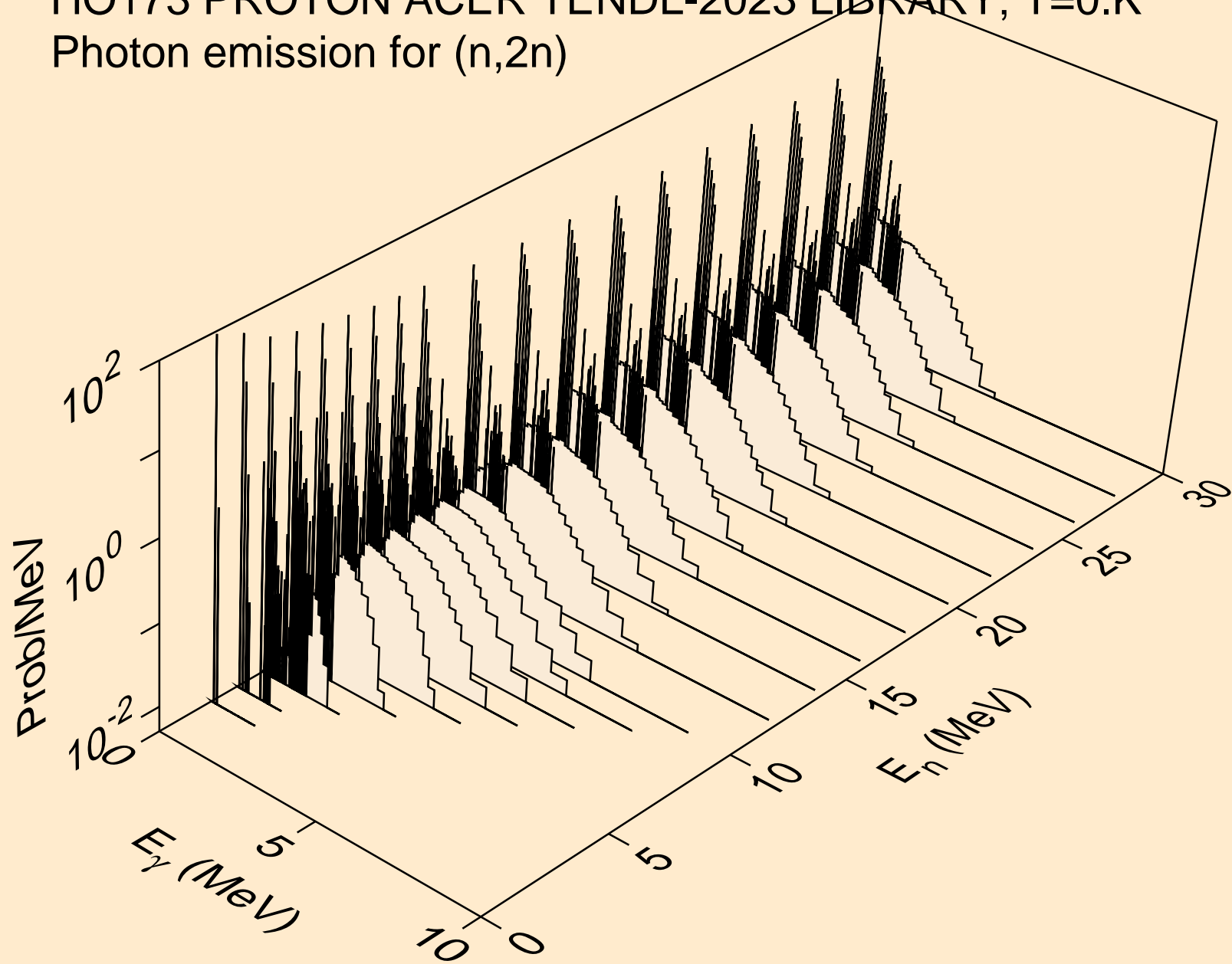
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



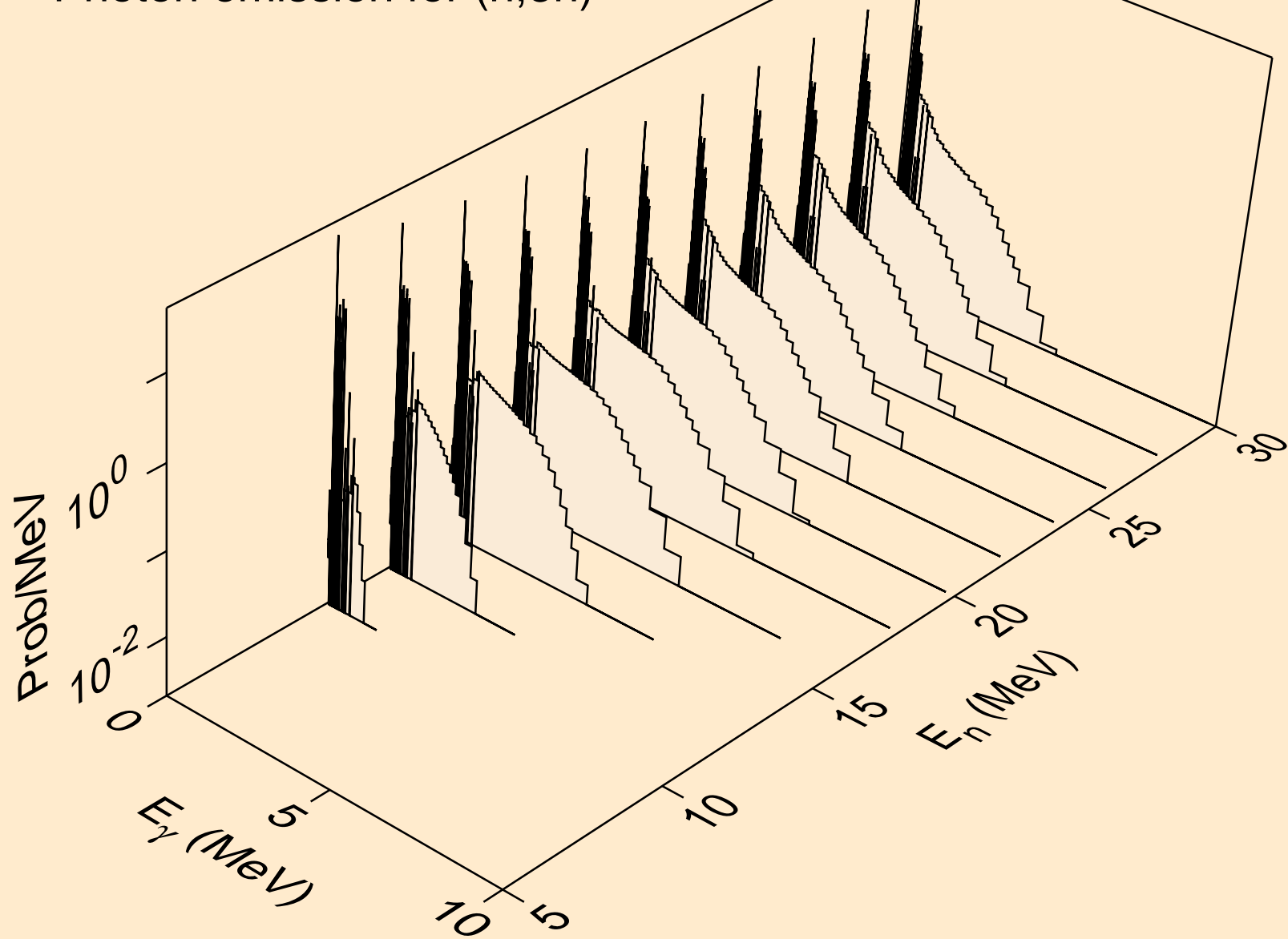
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



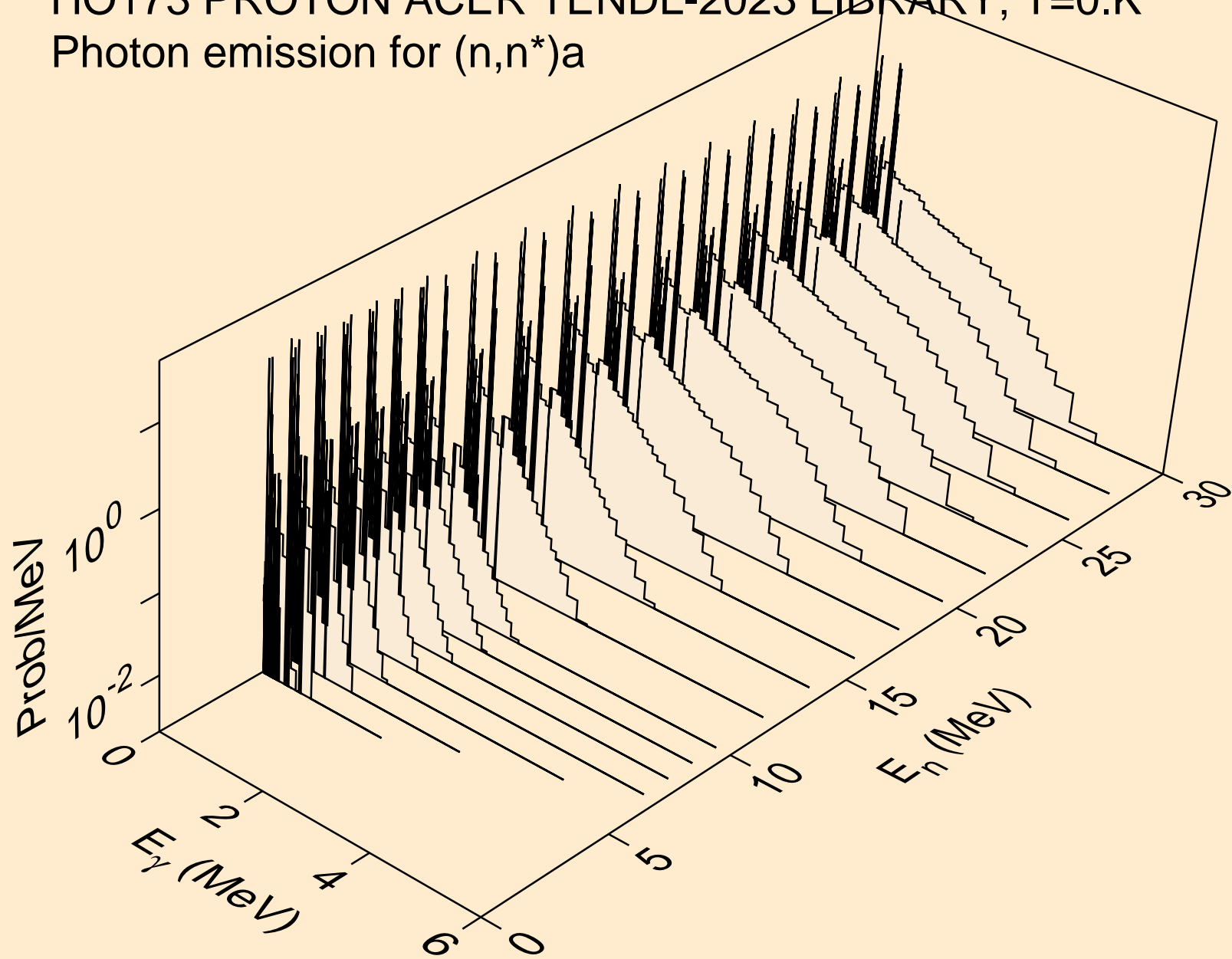
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

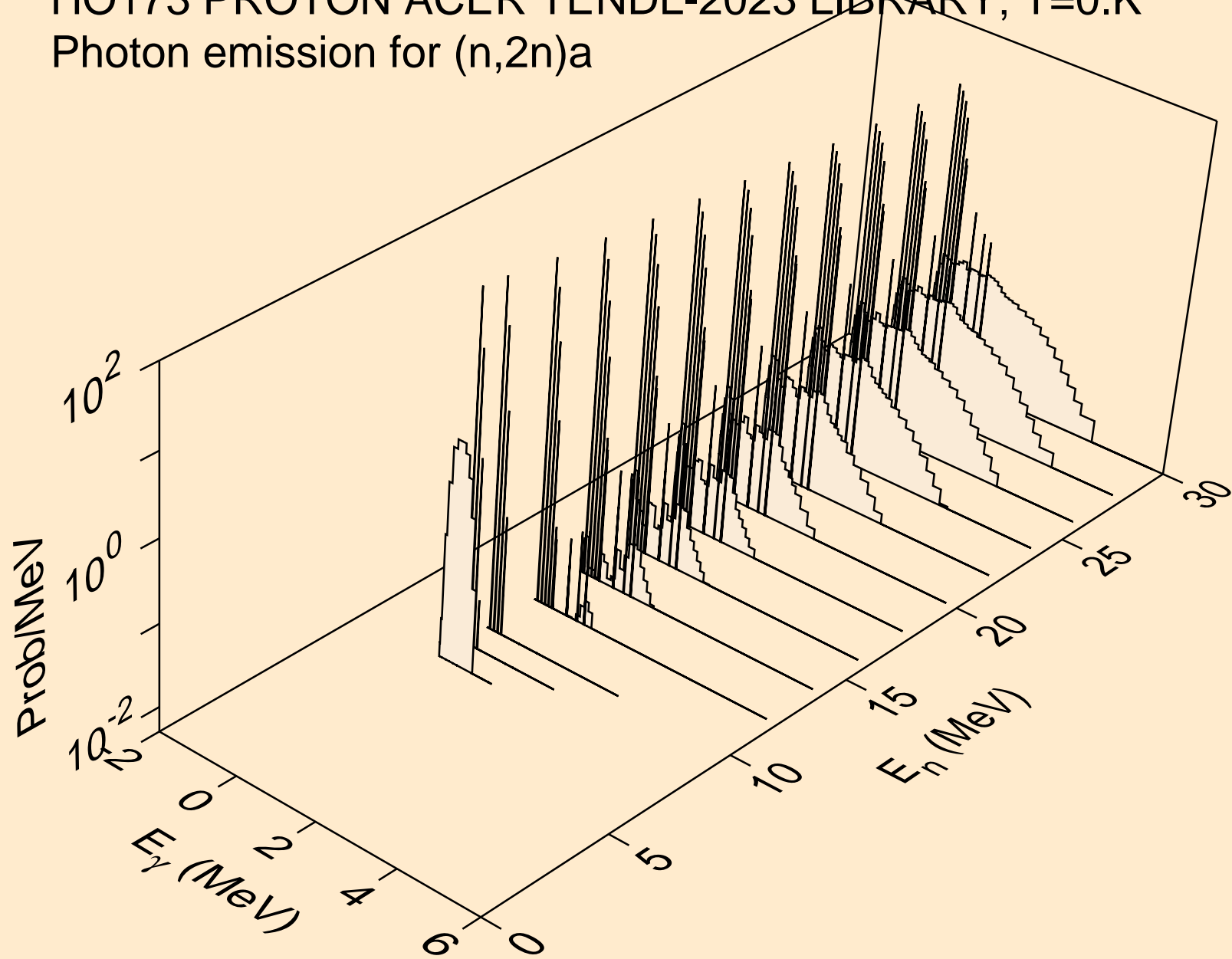


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

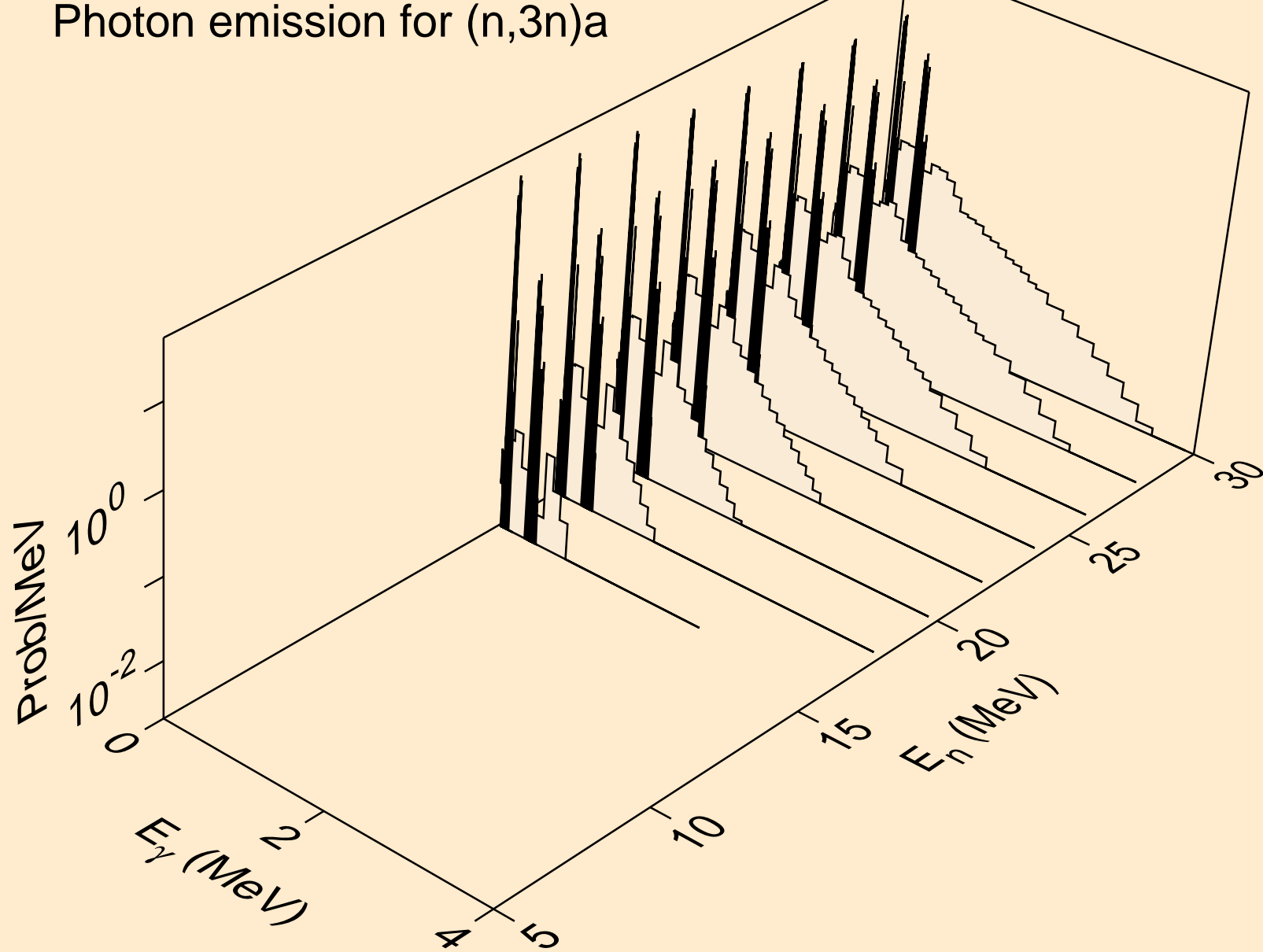




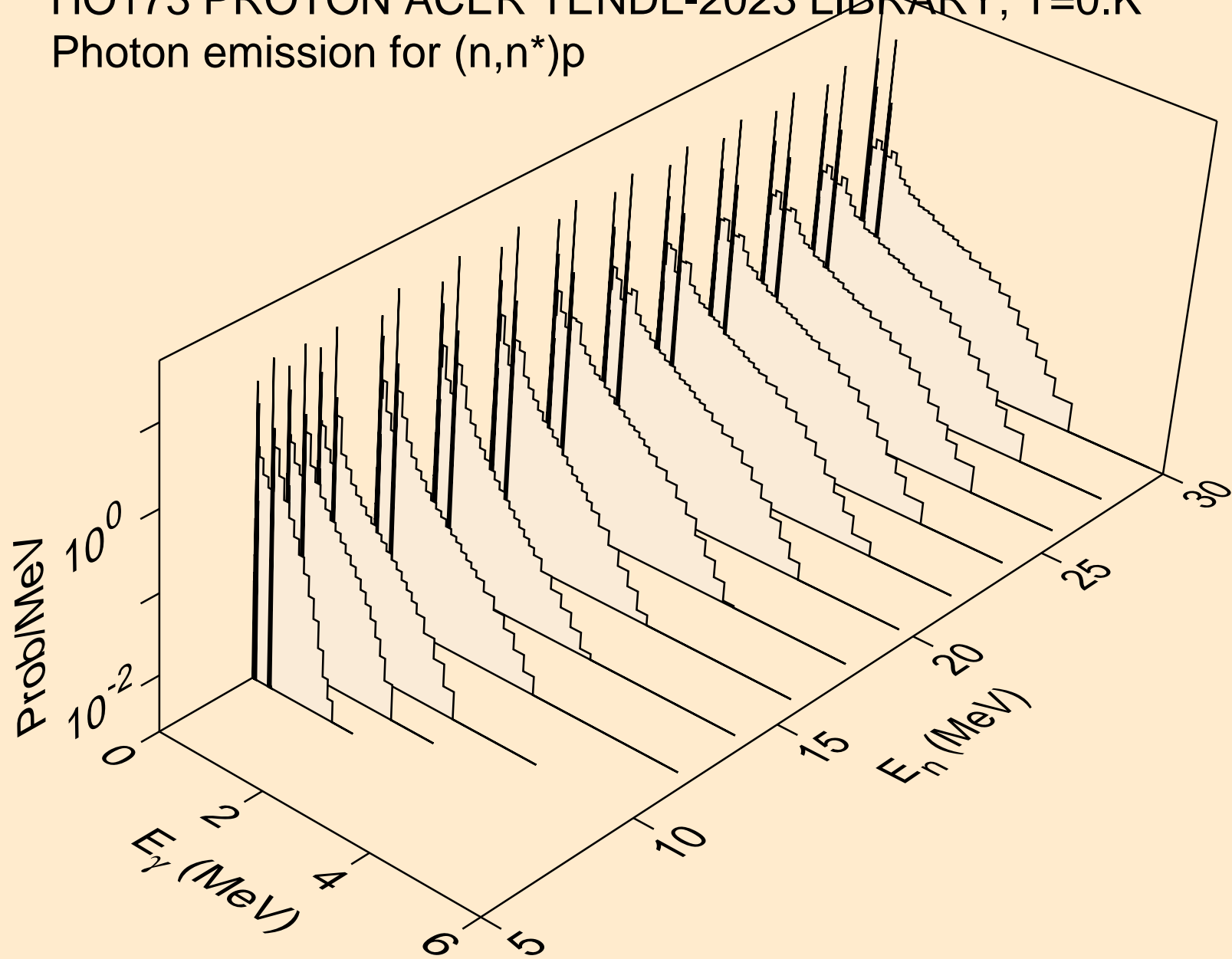
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Photon emission for (n,2n)a



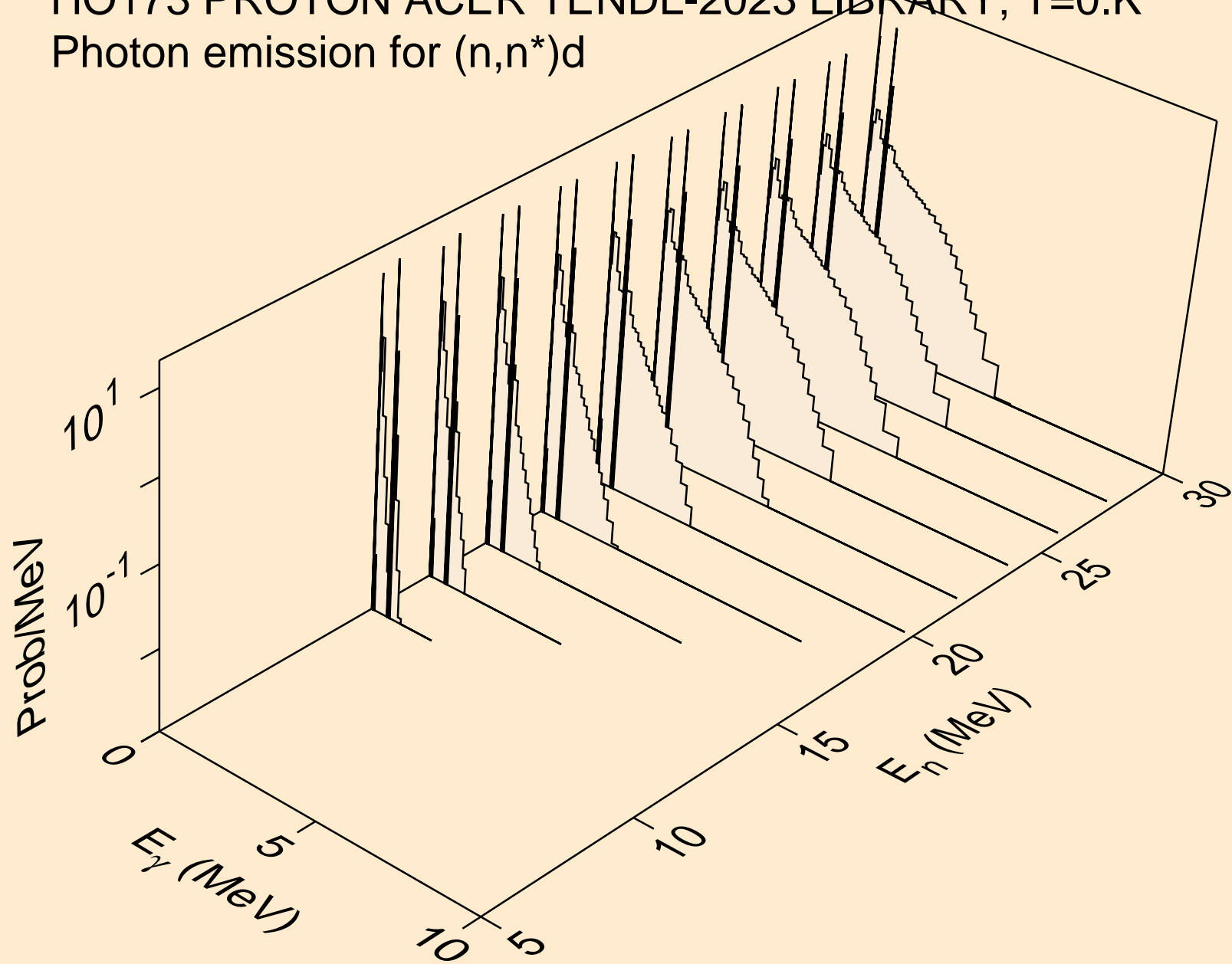
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Photon emission for (n,3n)a



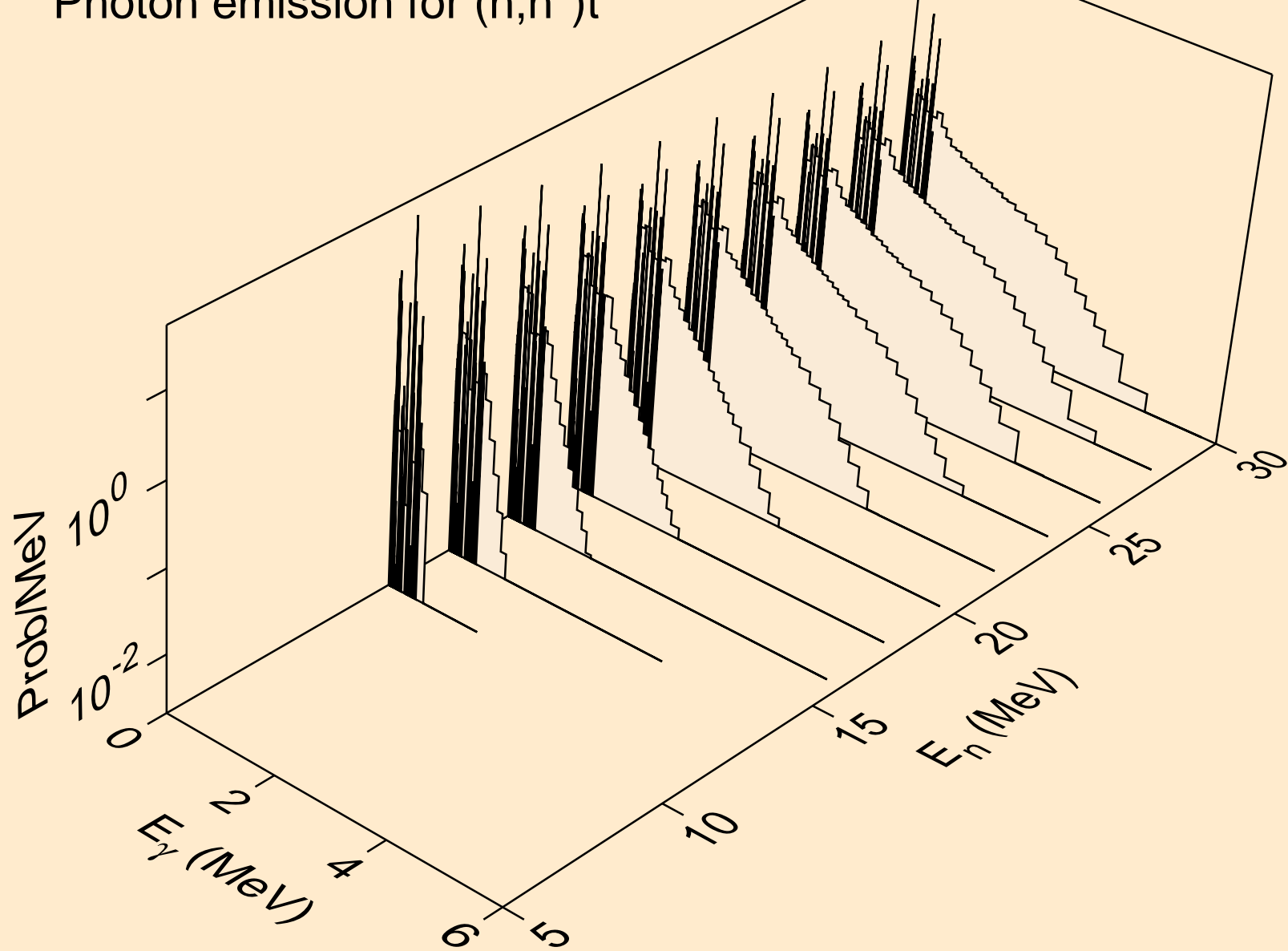
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



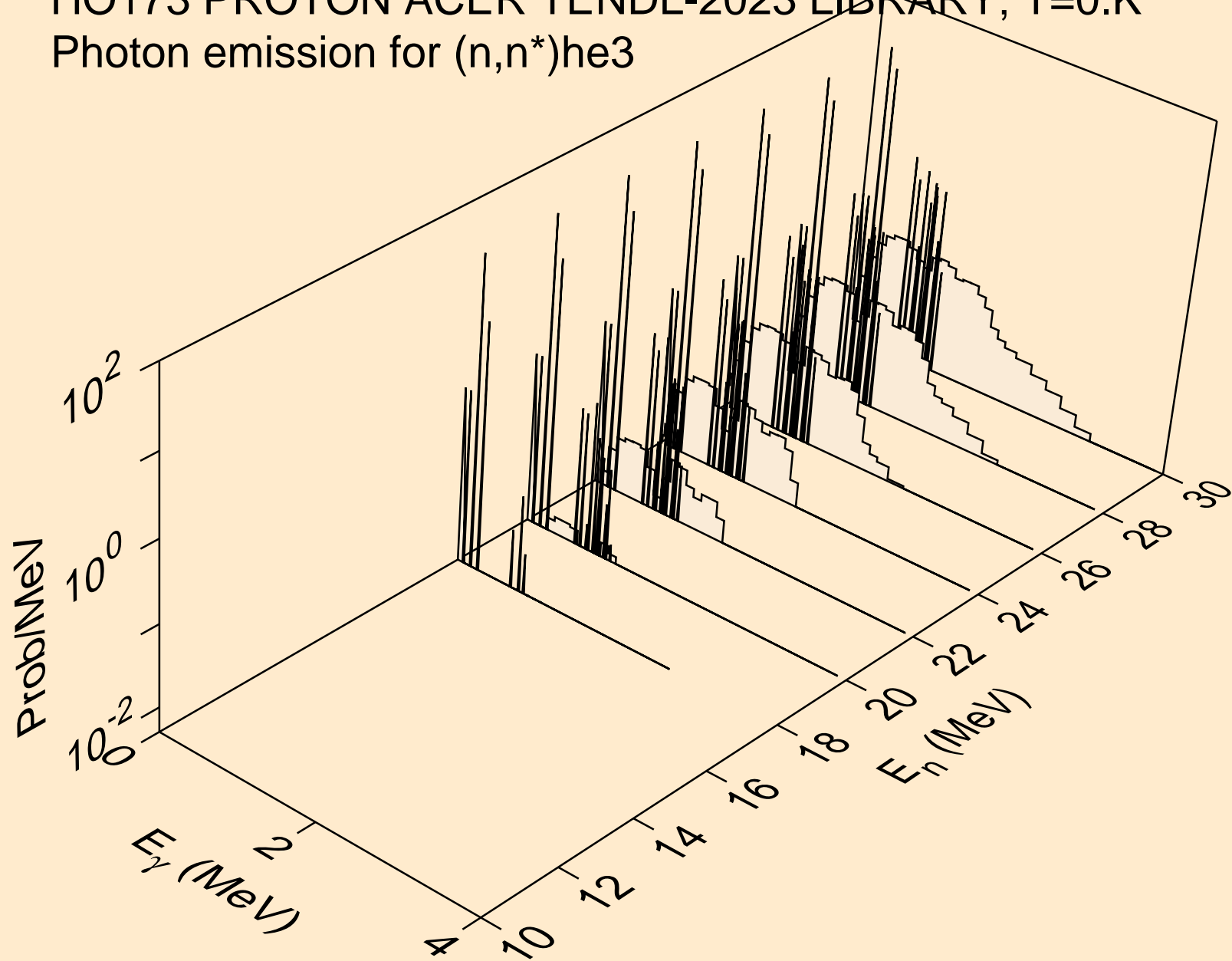
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



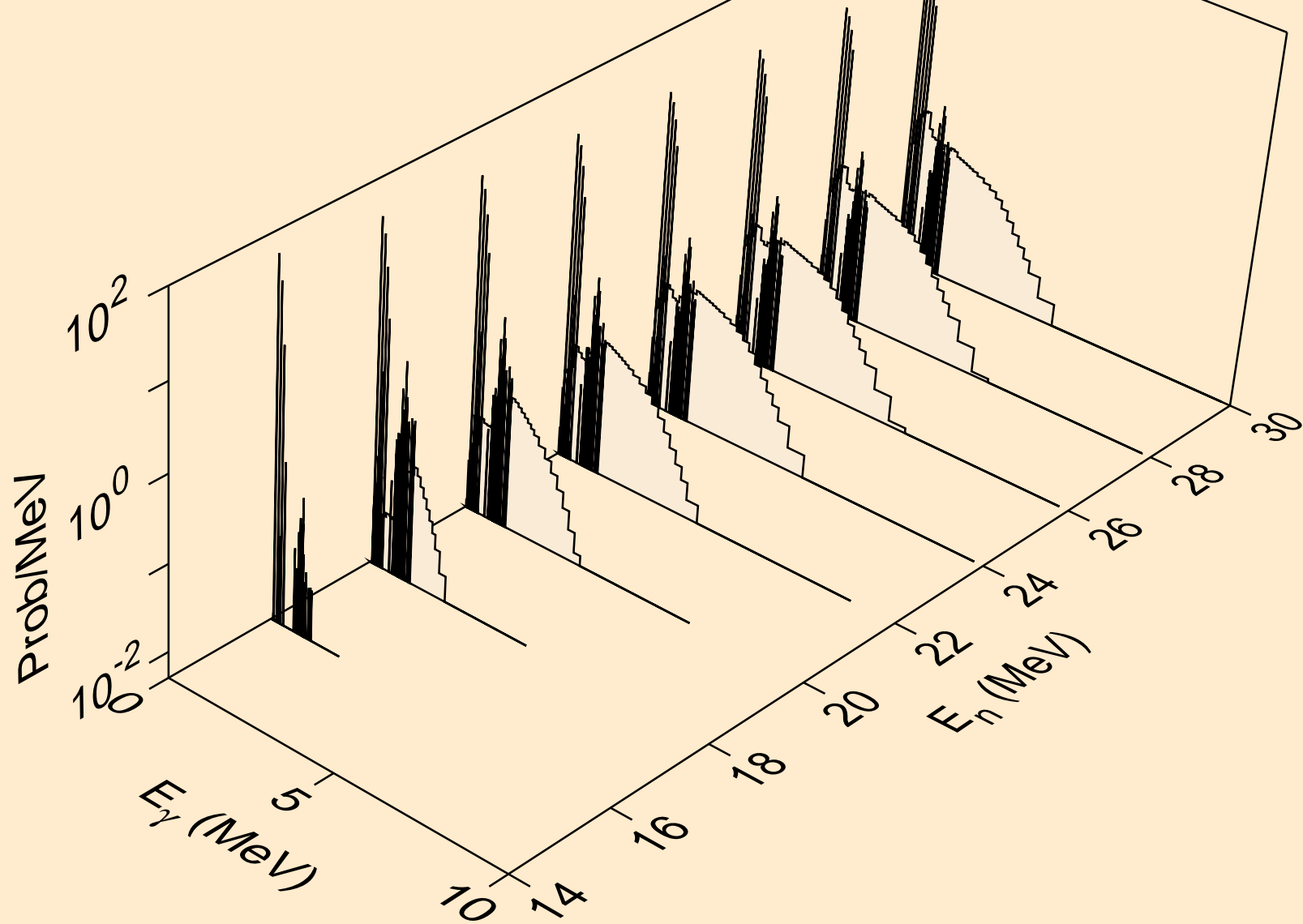
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



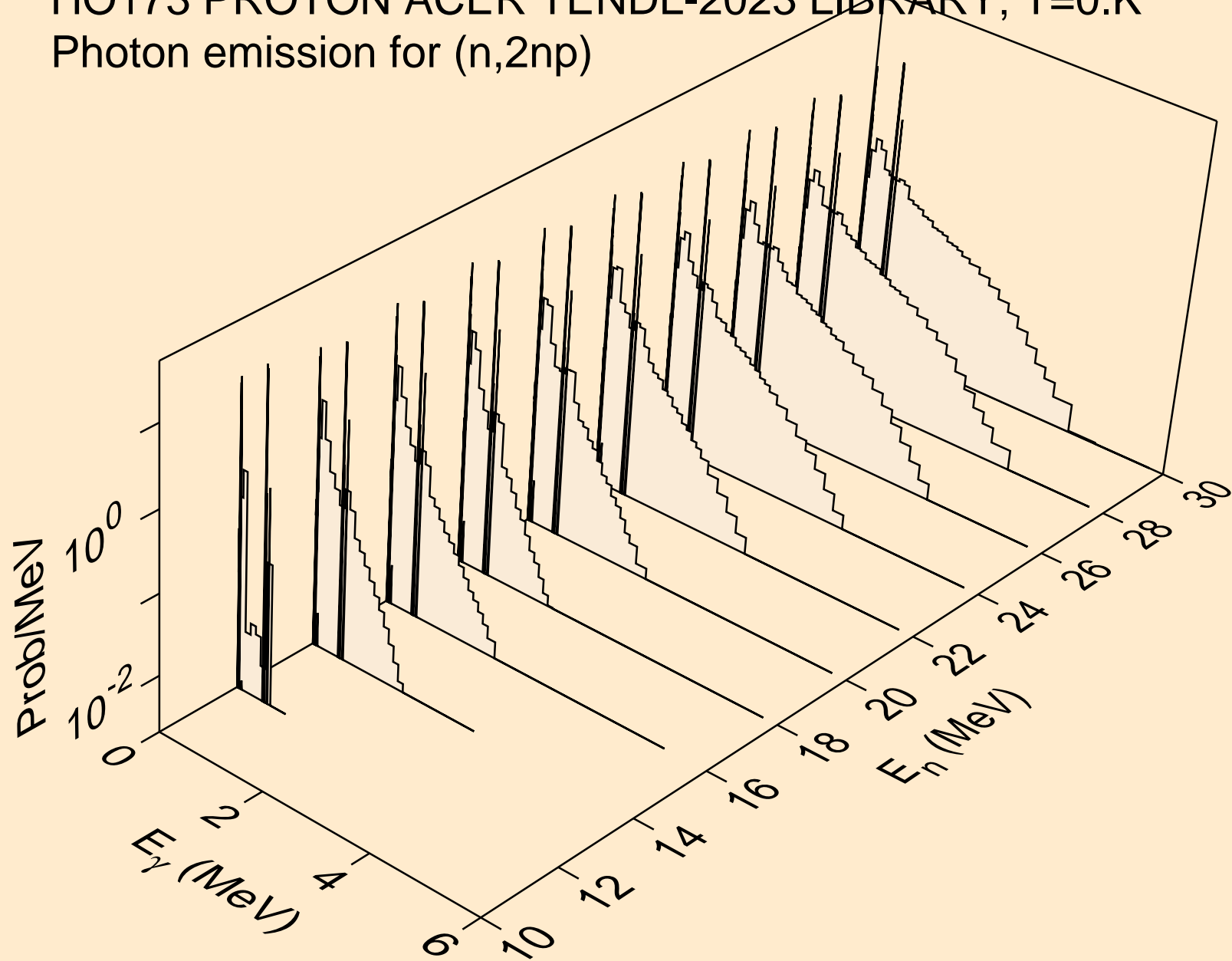
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

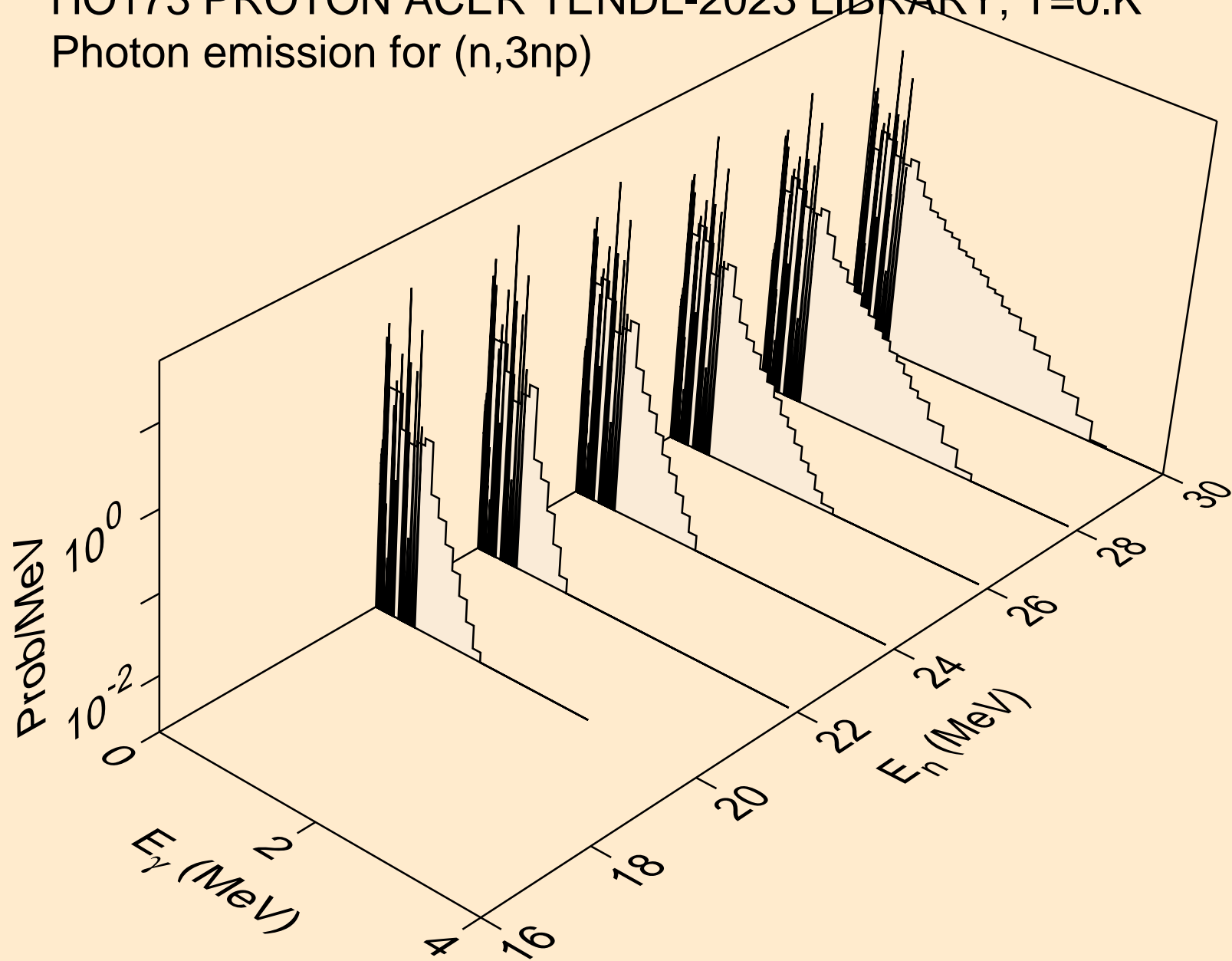


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

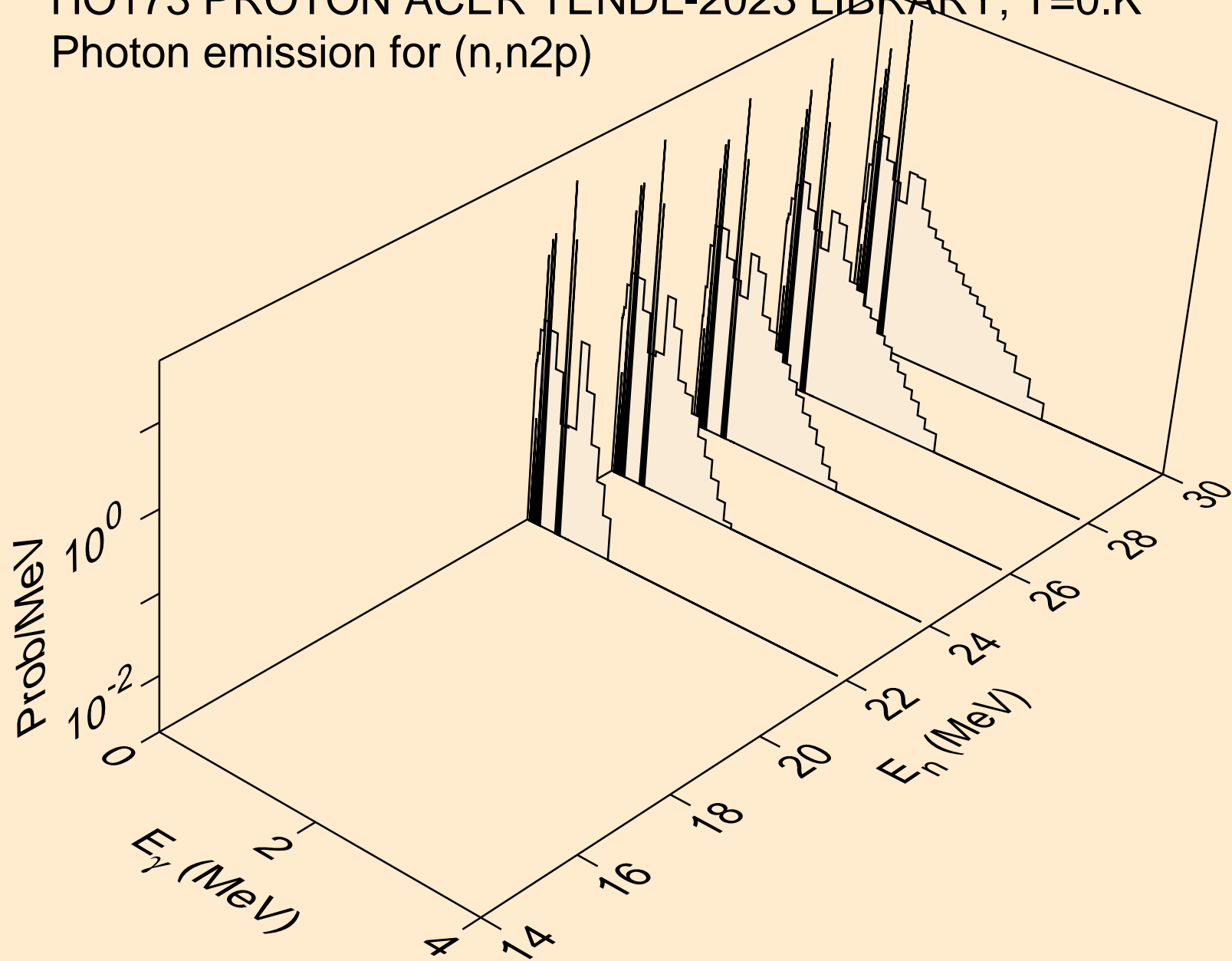




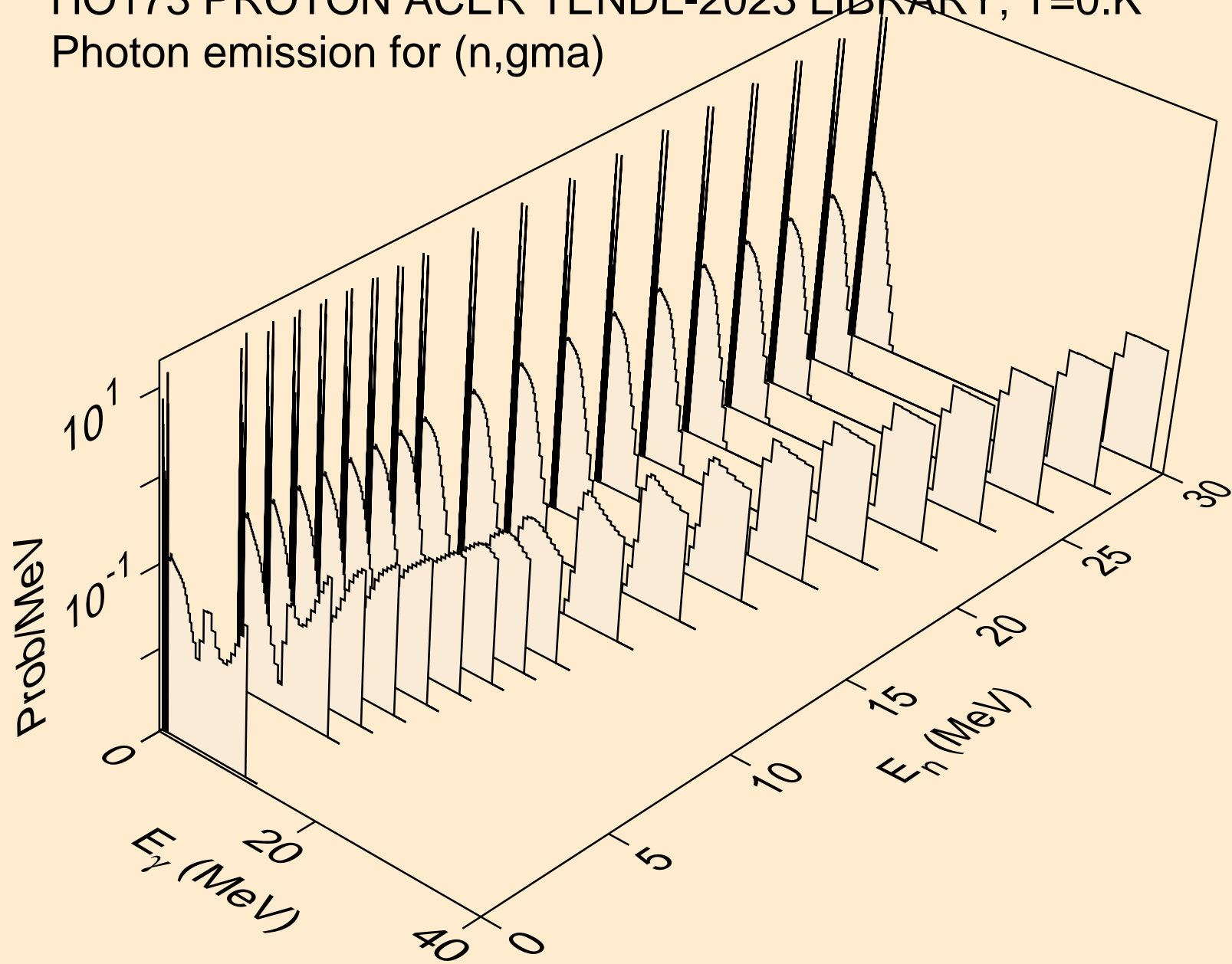
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Photon emission for (n,3np)



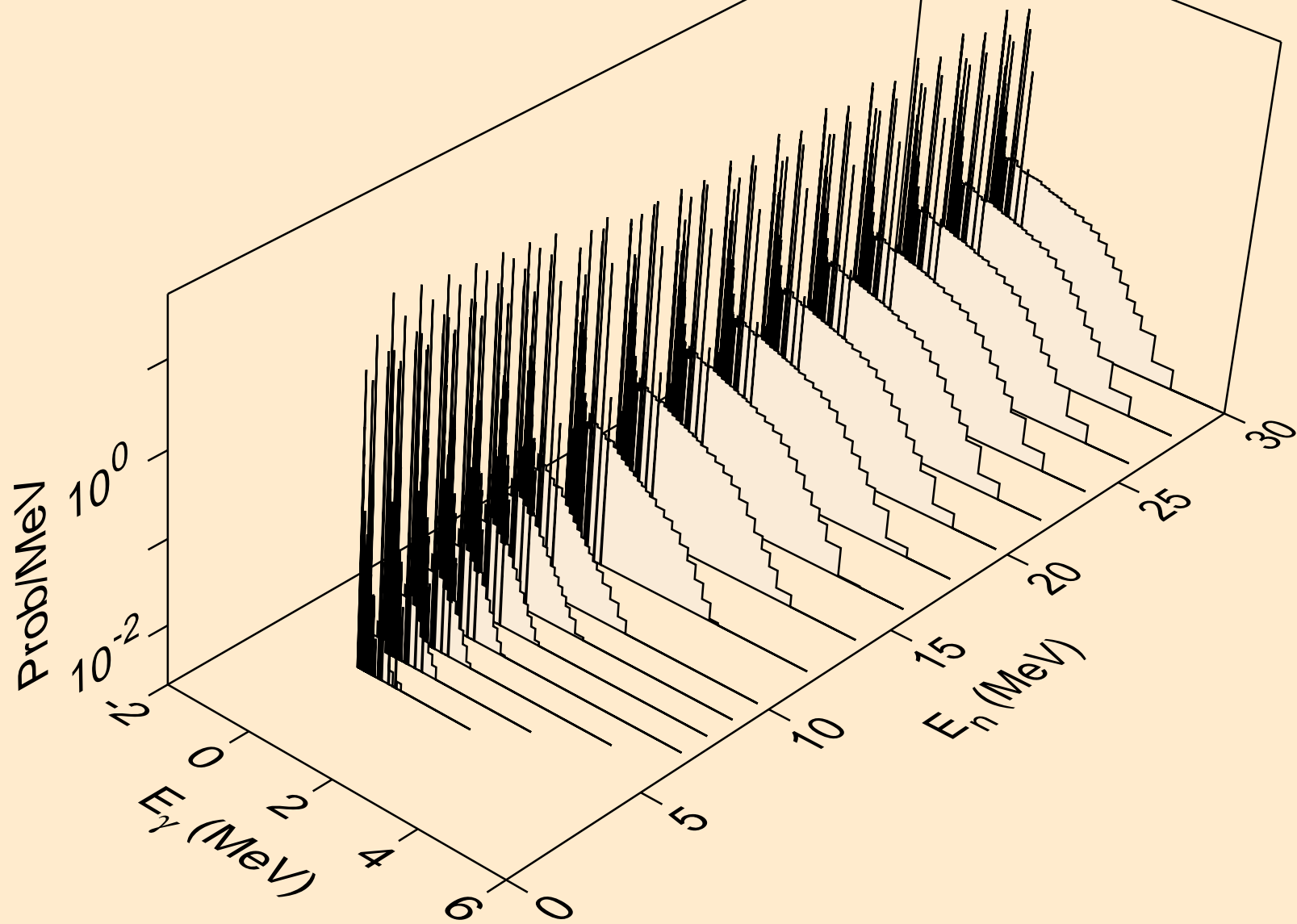
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Photon emission for (n,n2p)



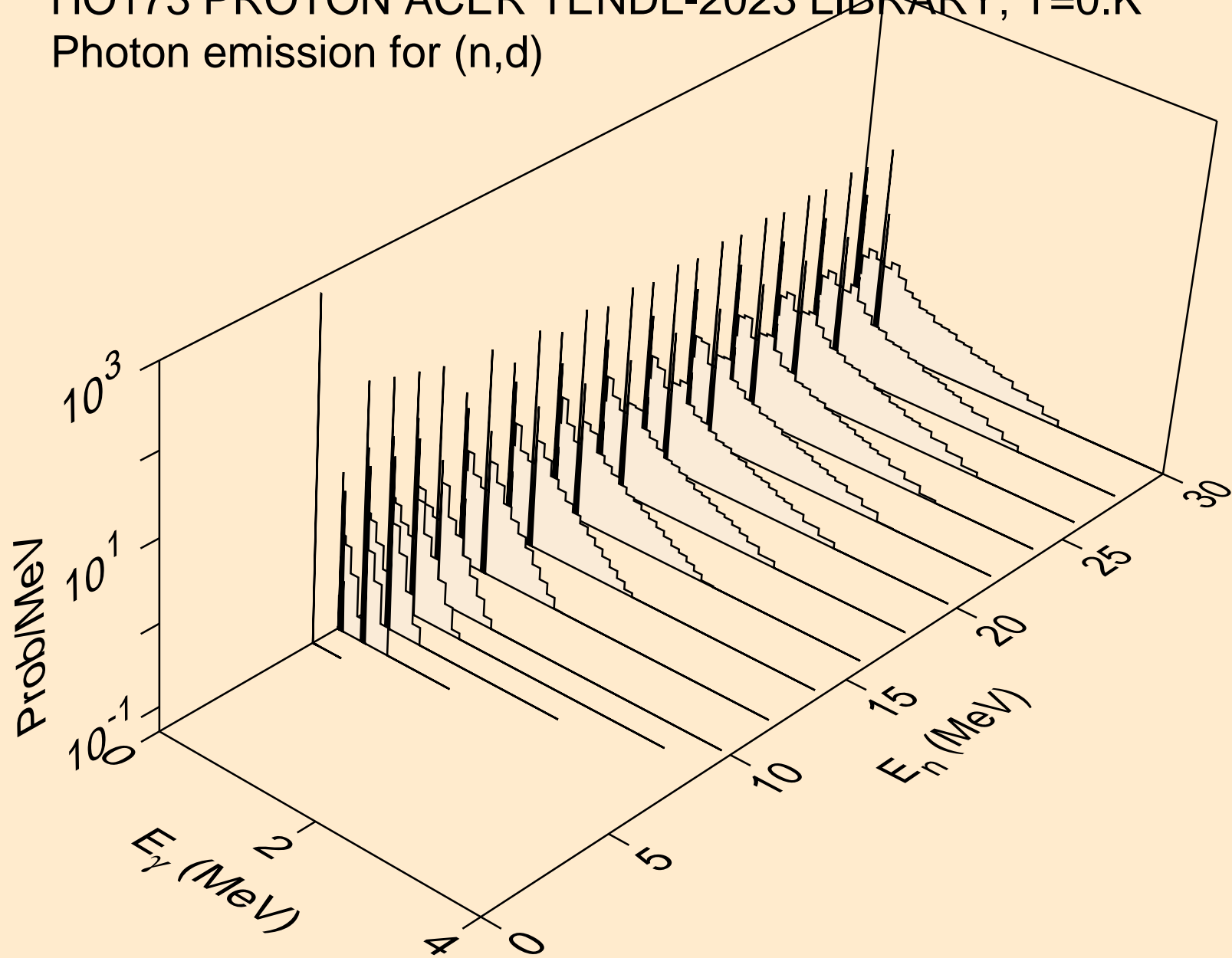
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Photon emission for (n,gma)



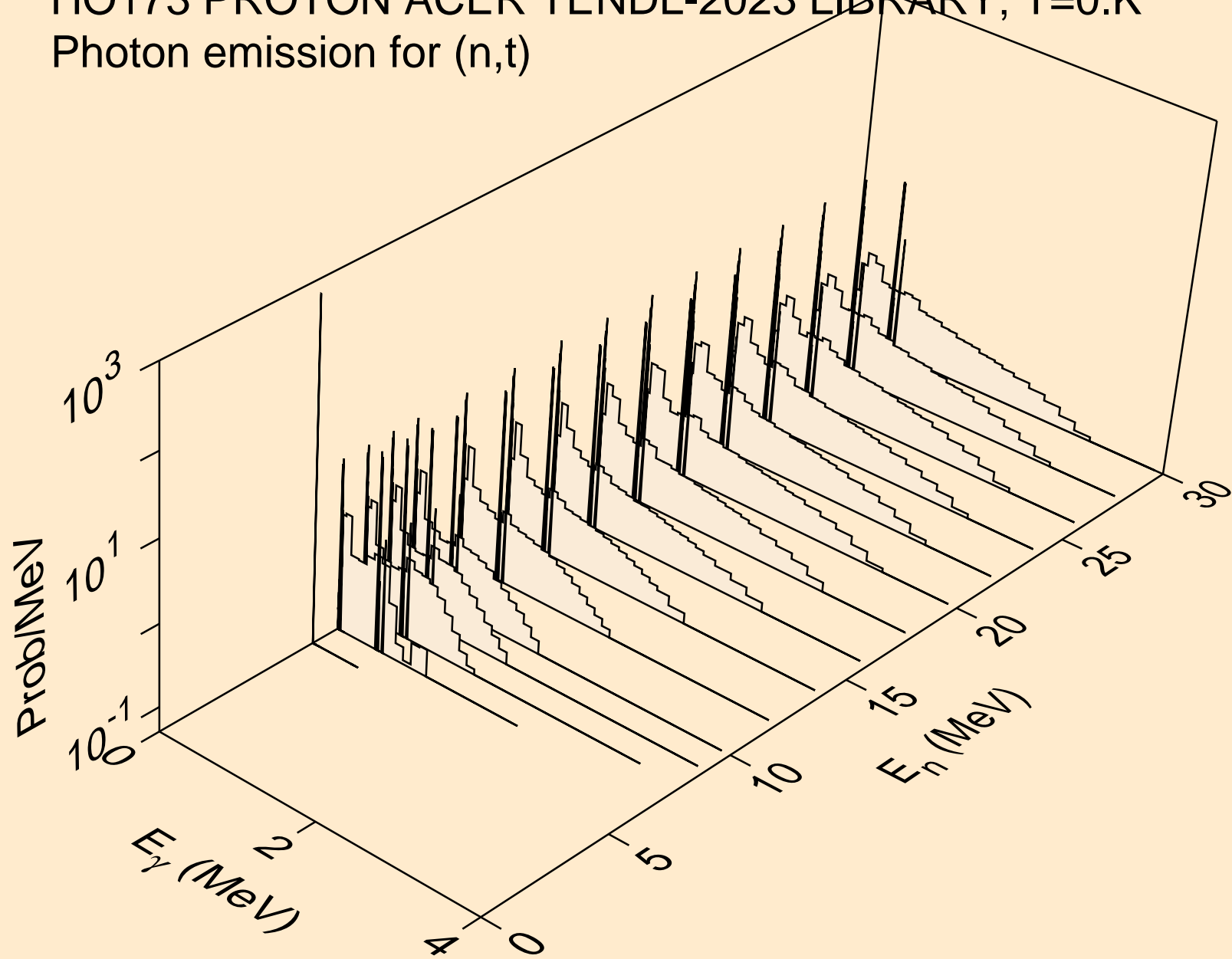
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



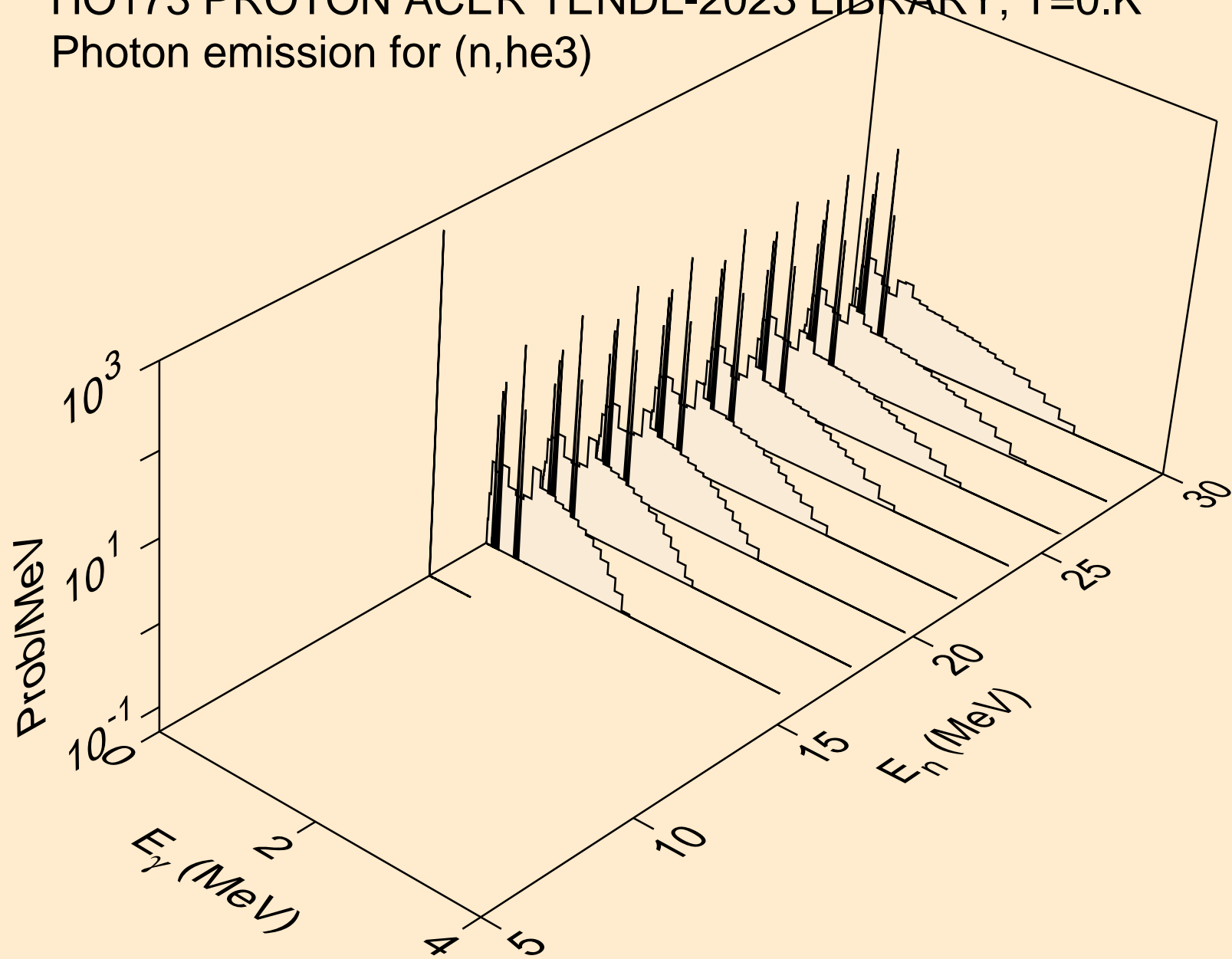
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



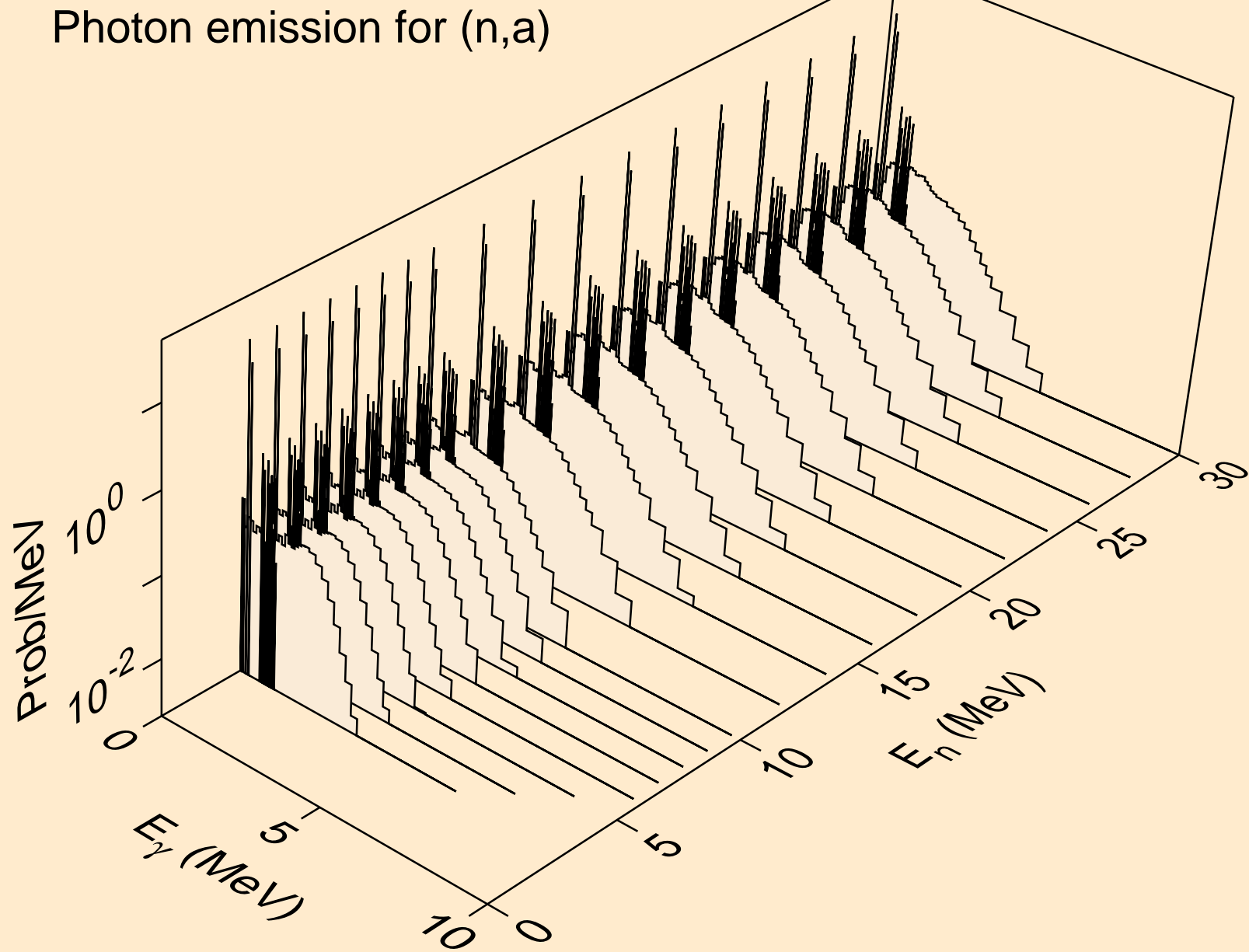
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

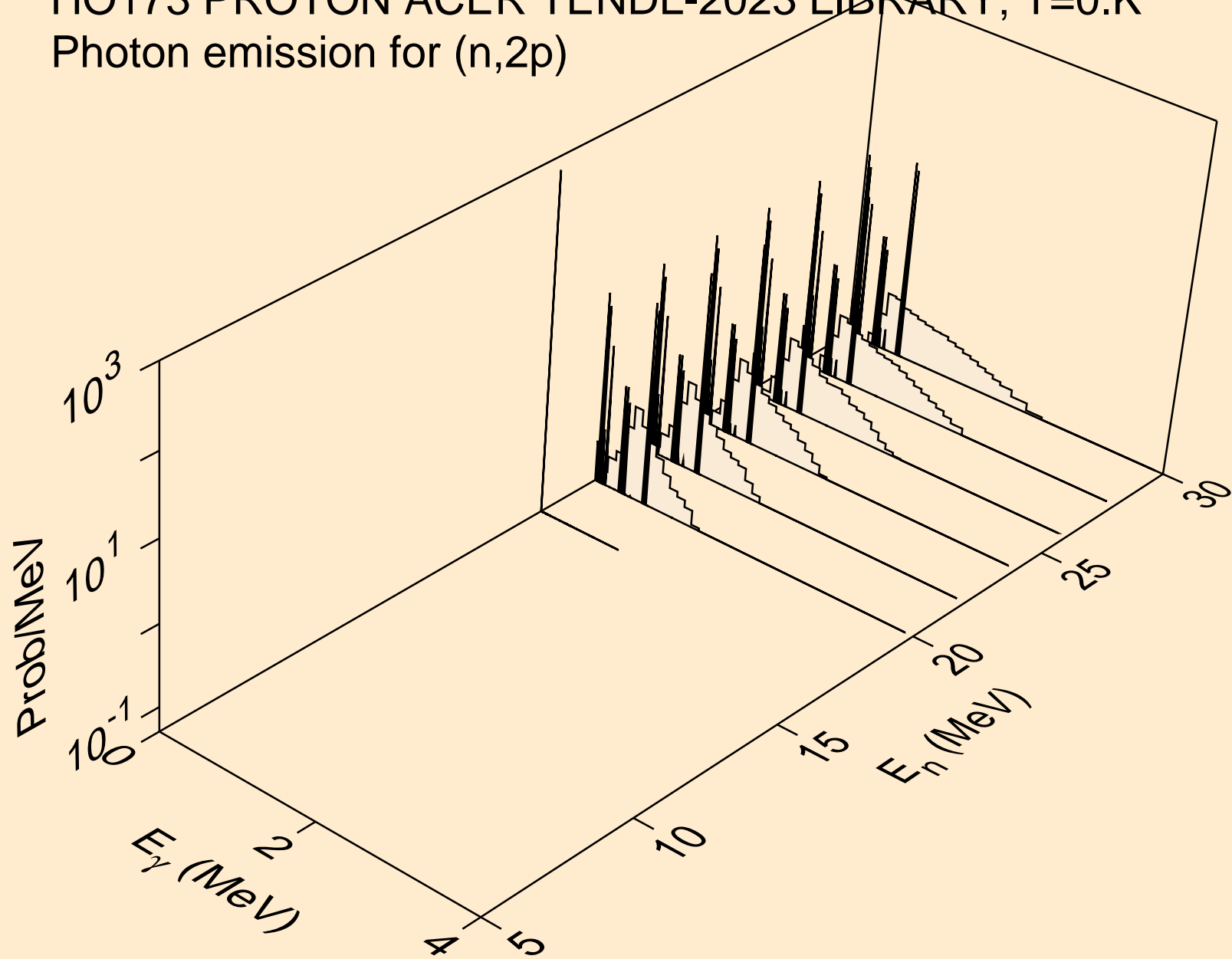


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Photon emission for (n,a)

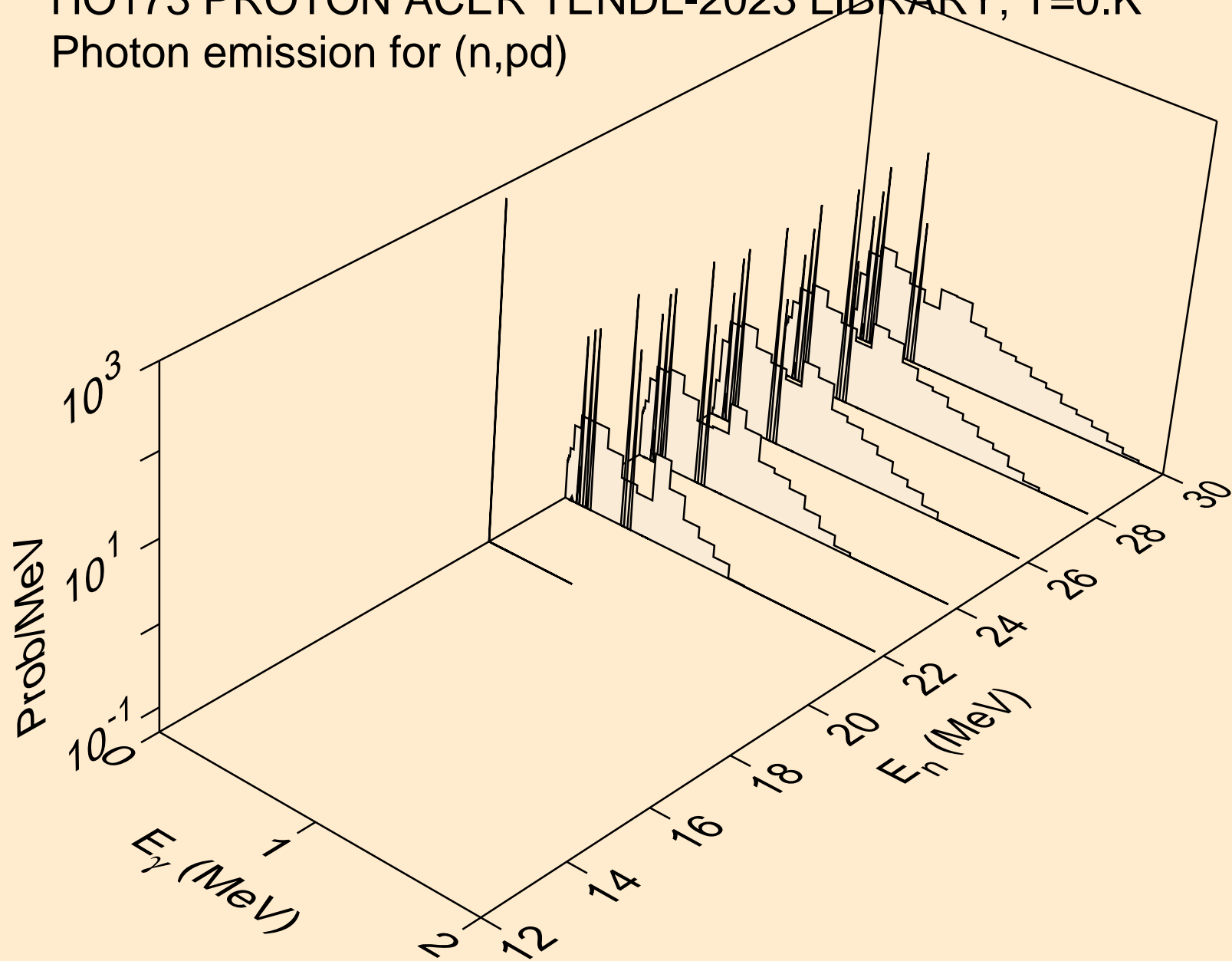




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Photon emission for (n,2p)

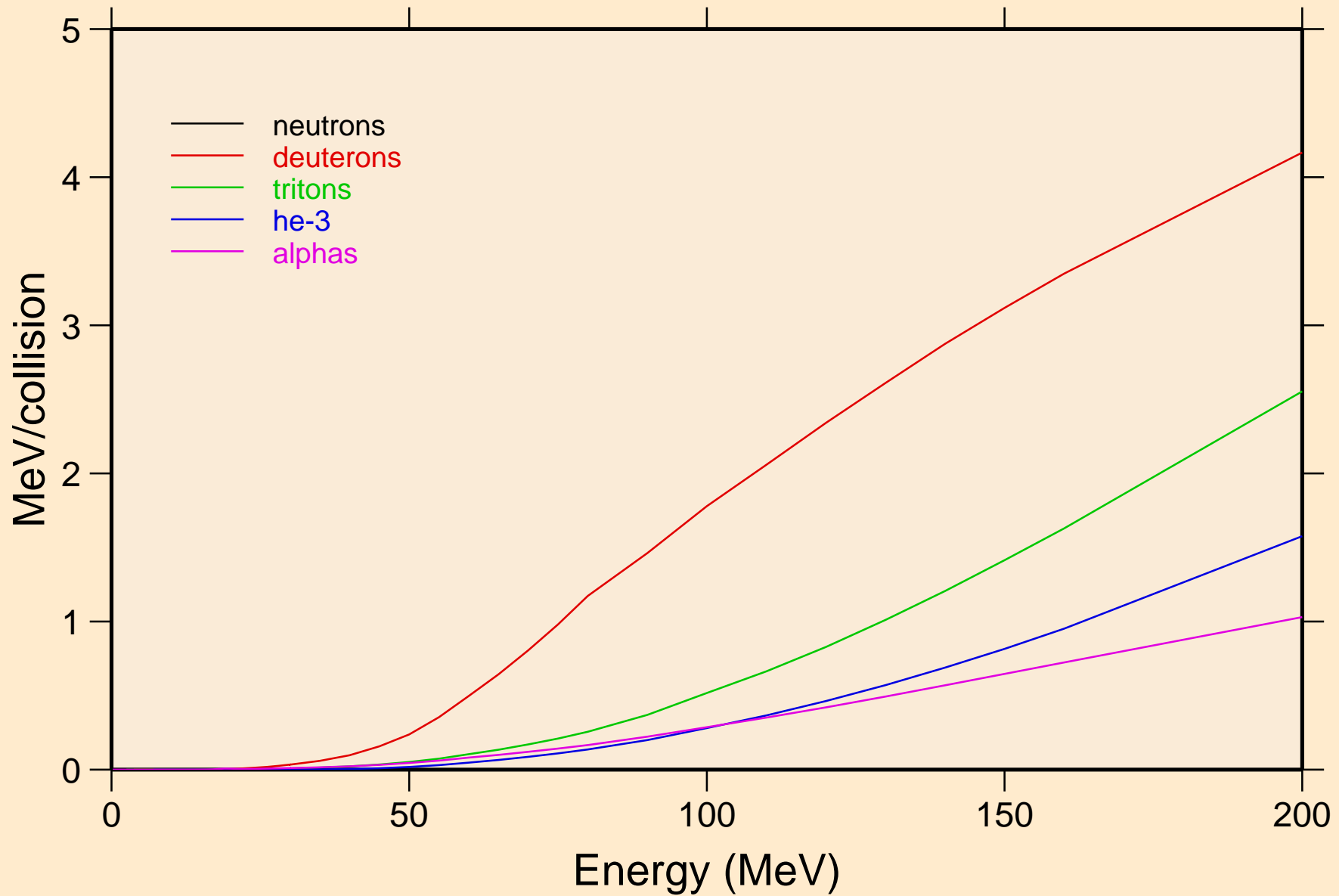


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

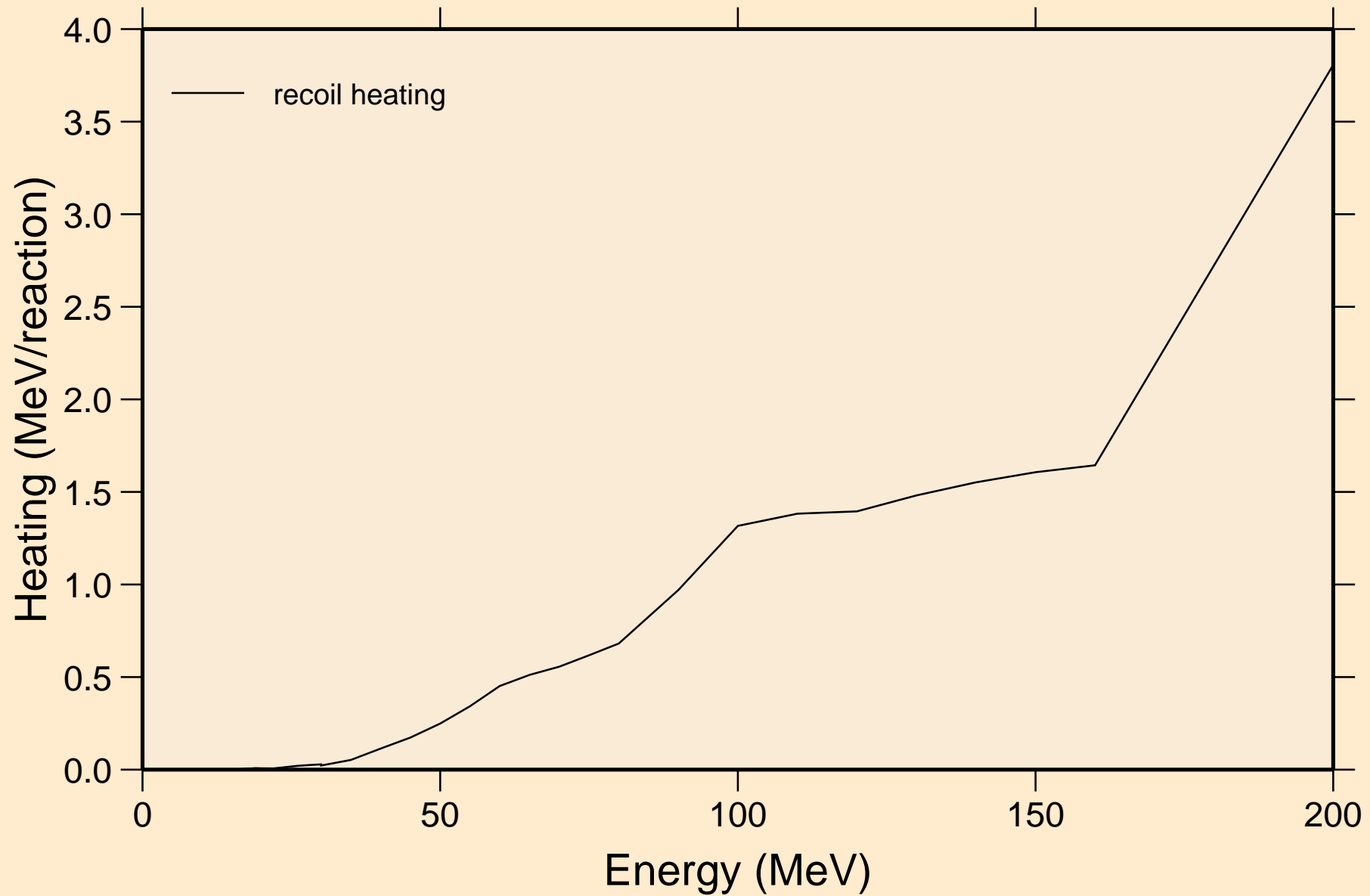


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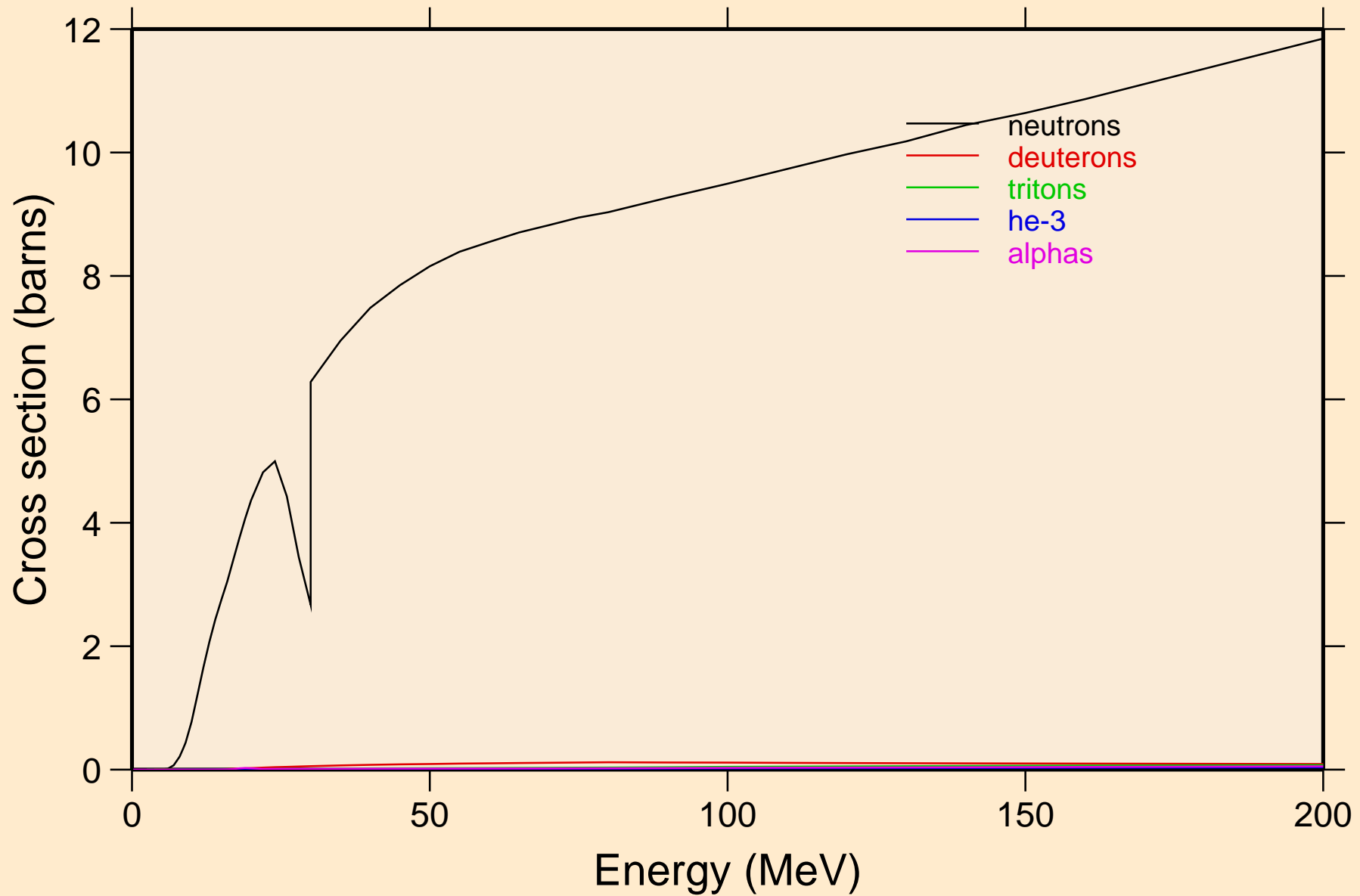
## Particle heating contributions



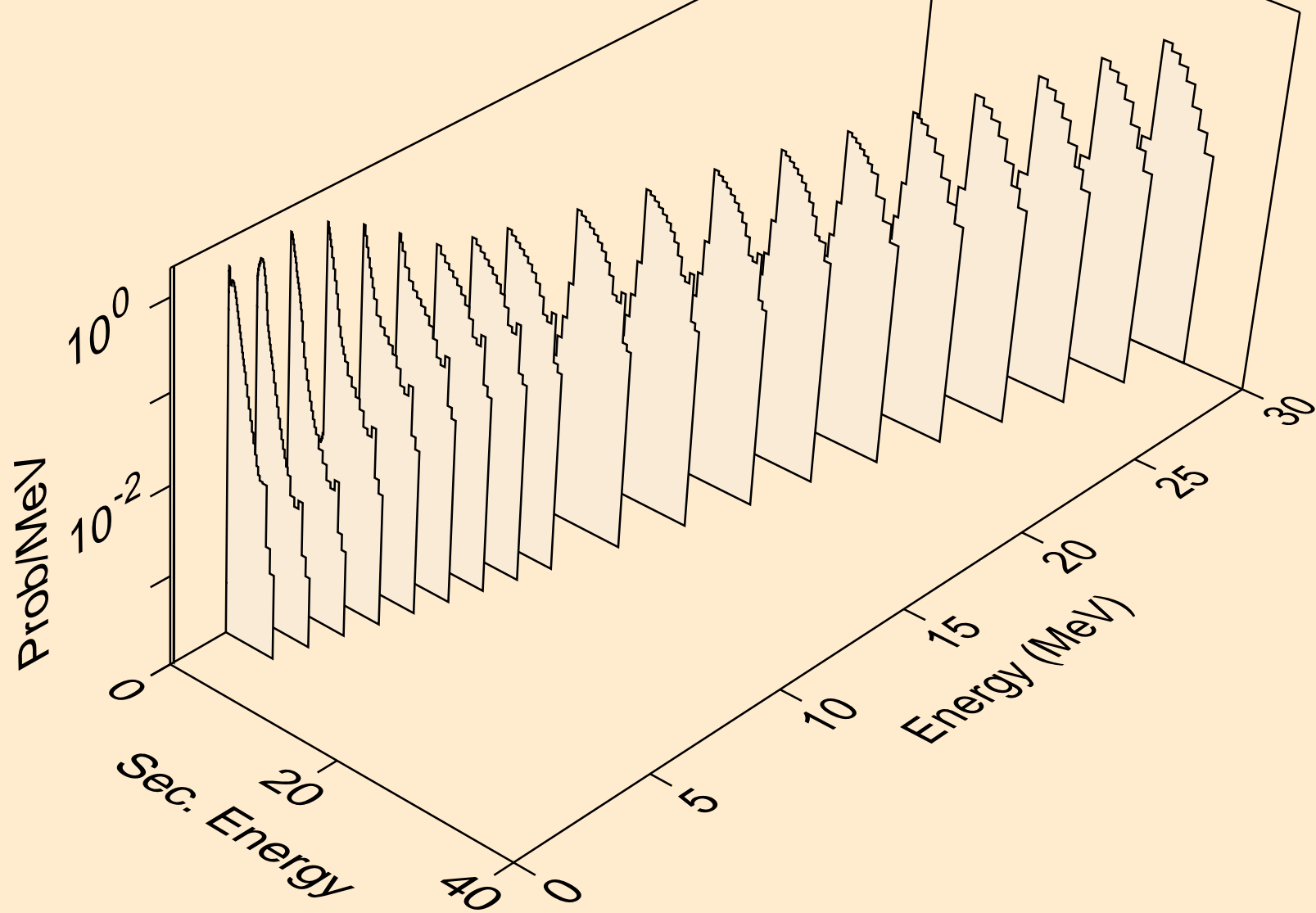
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Recoil Heating



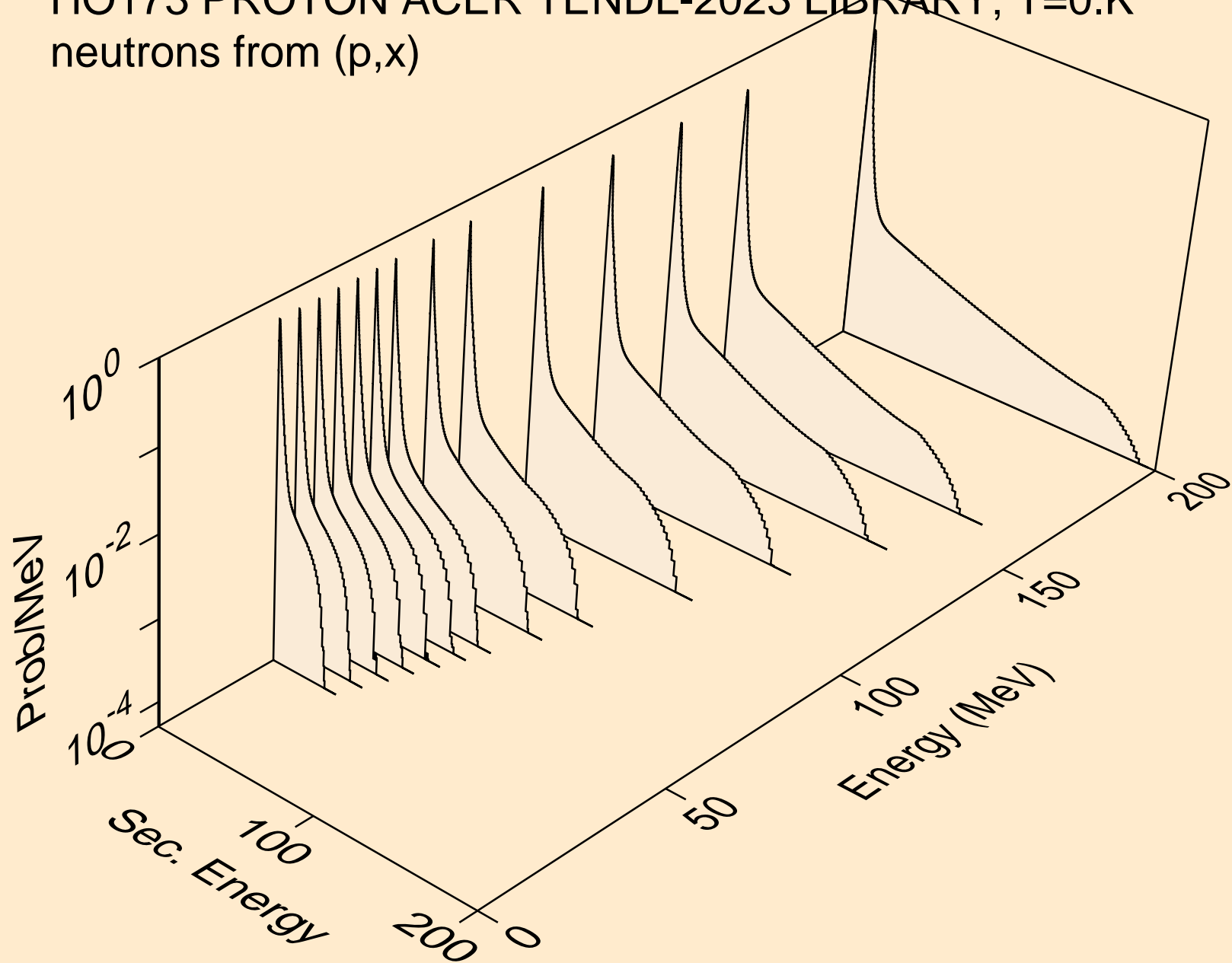
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



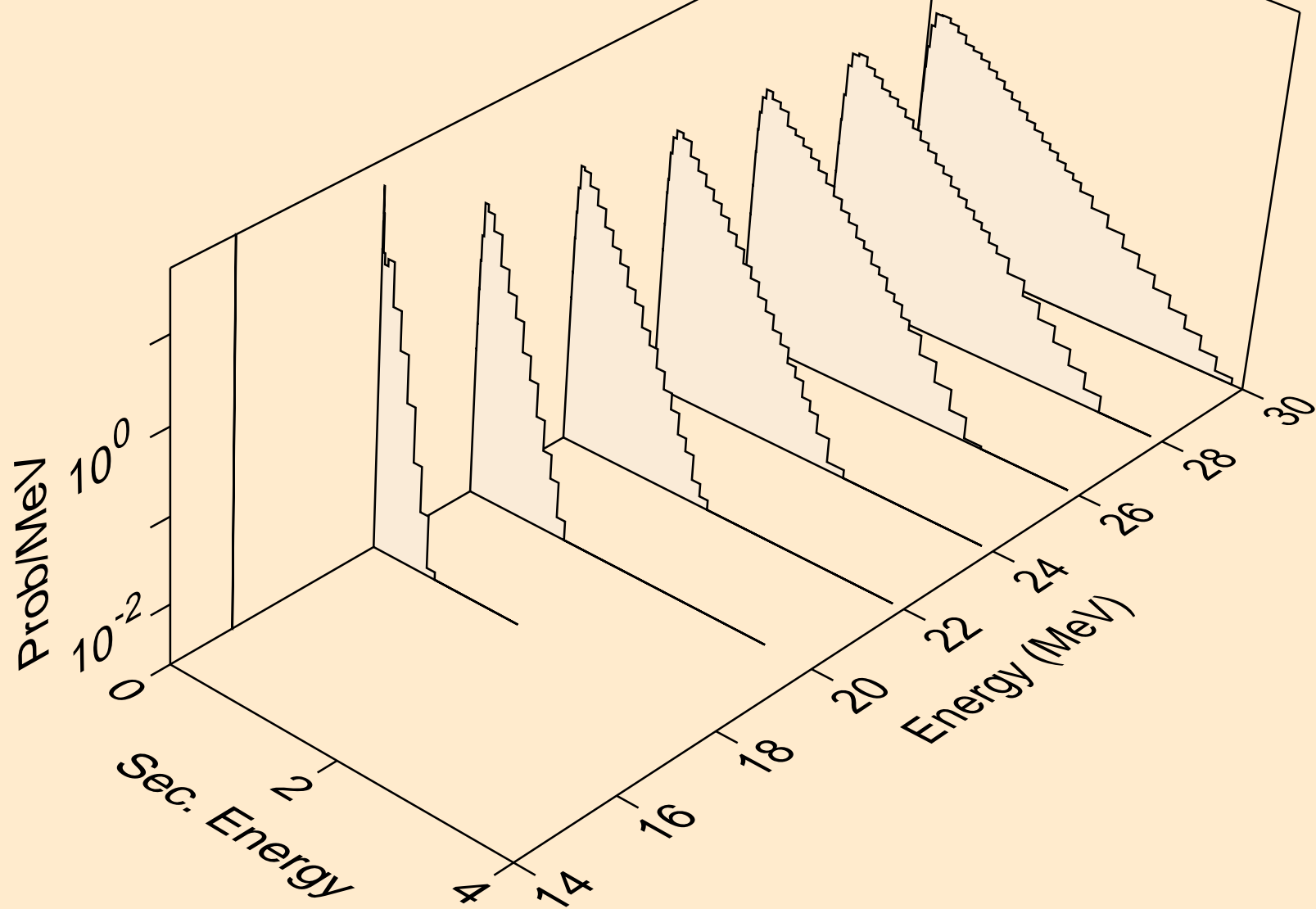
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

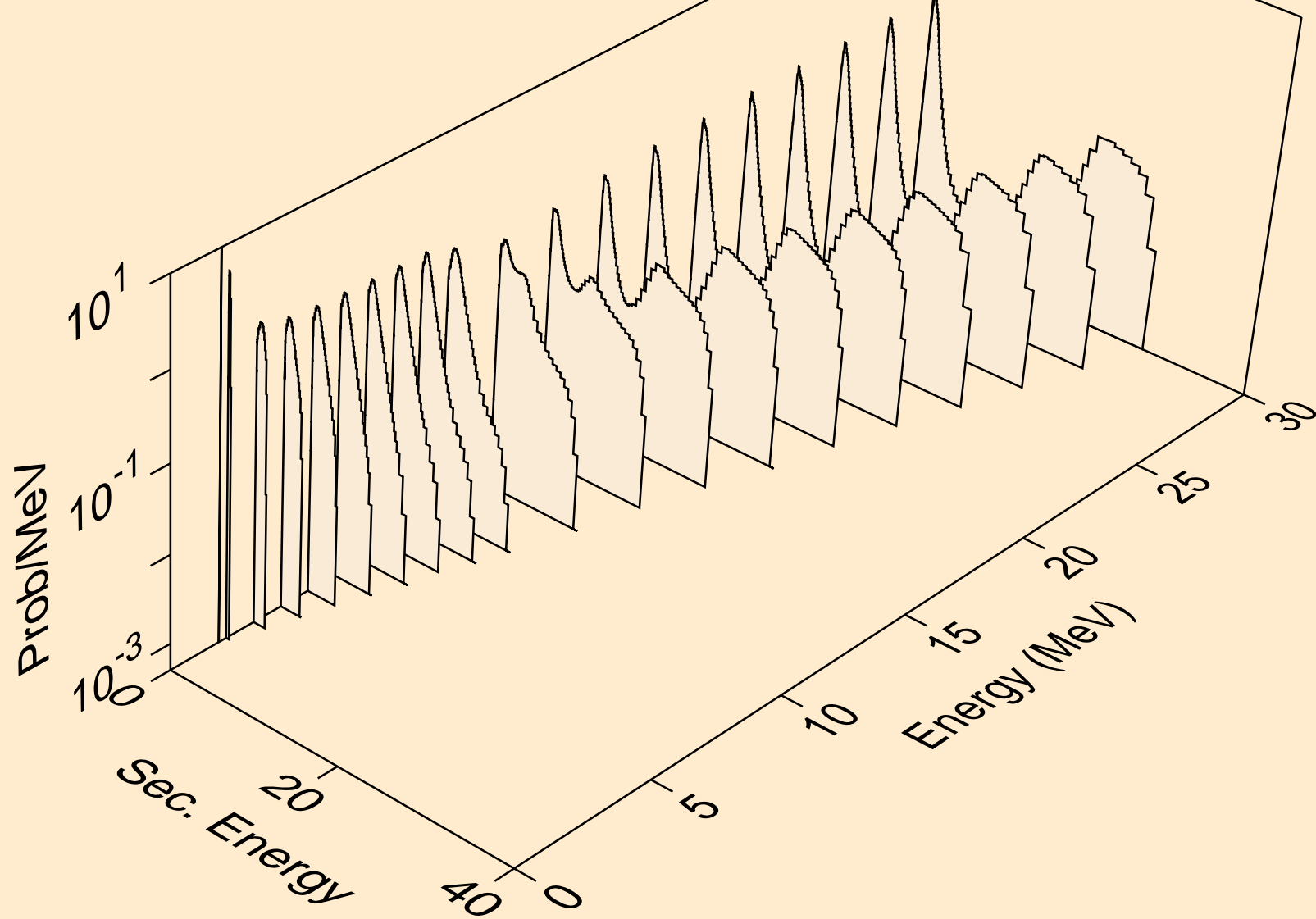


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

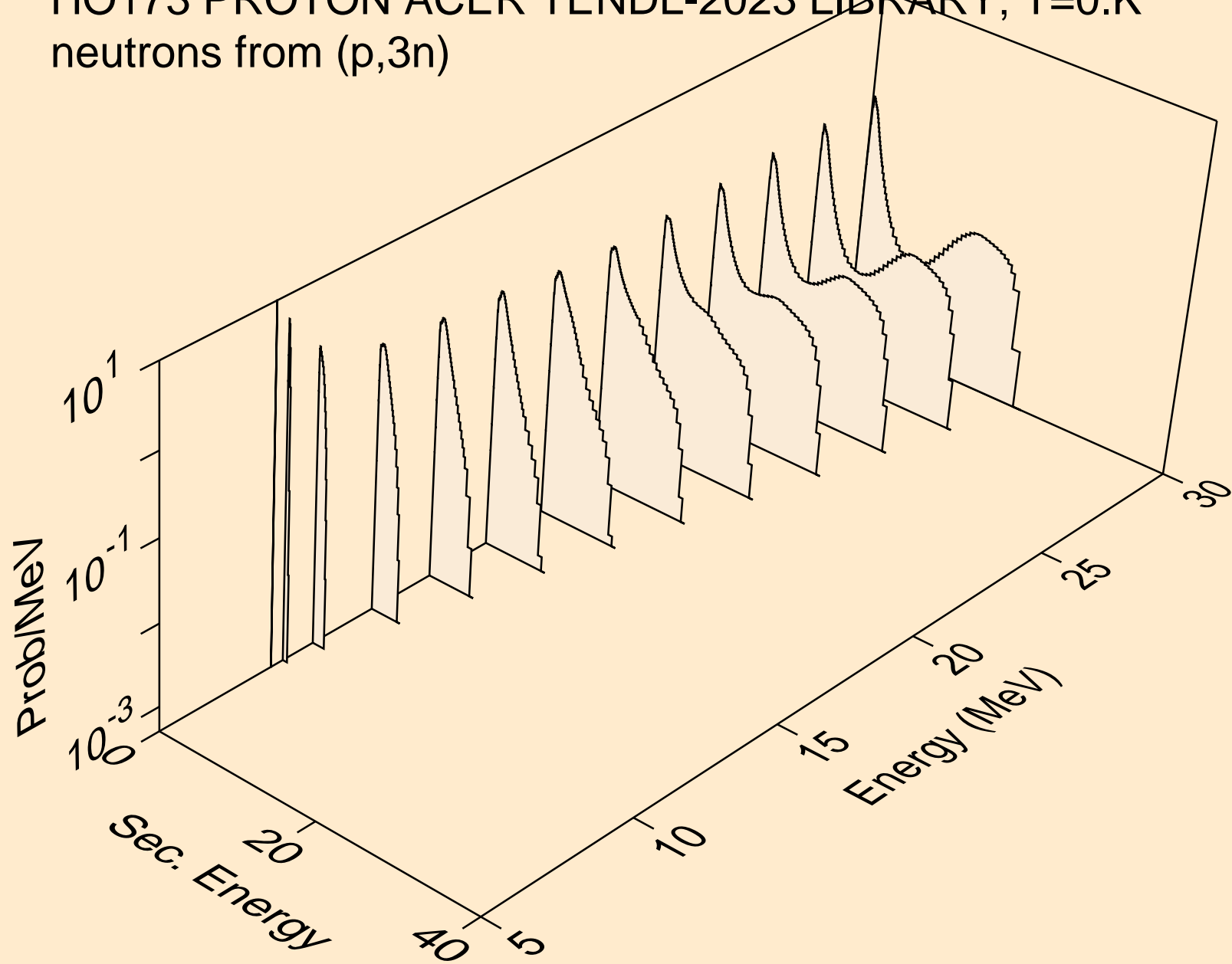




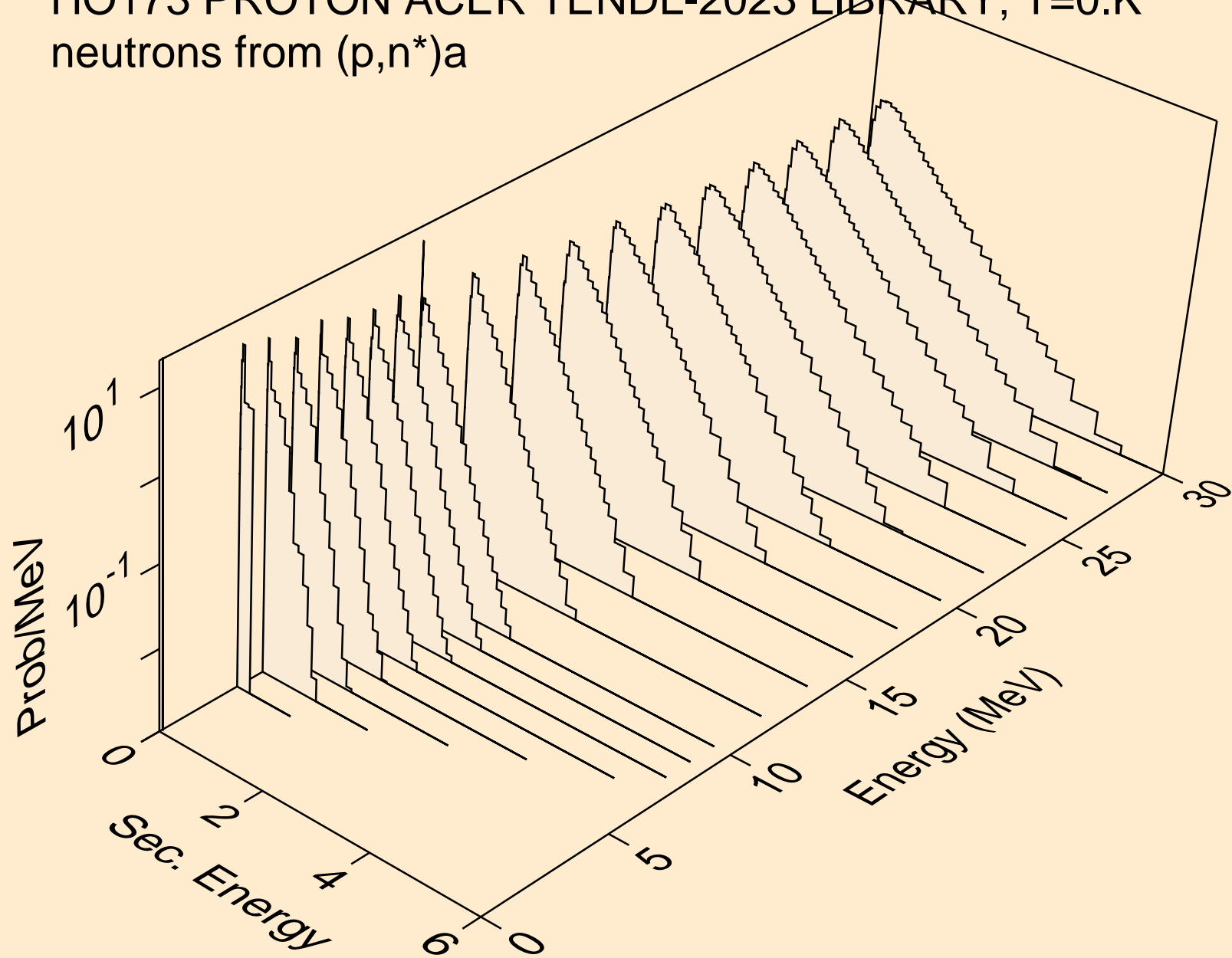
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neutrons from (p,2n)



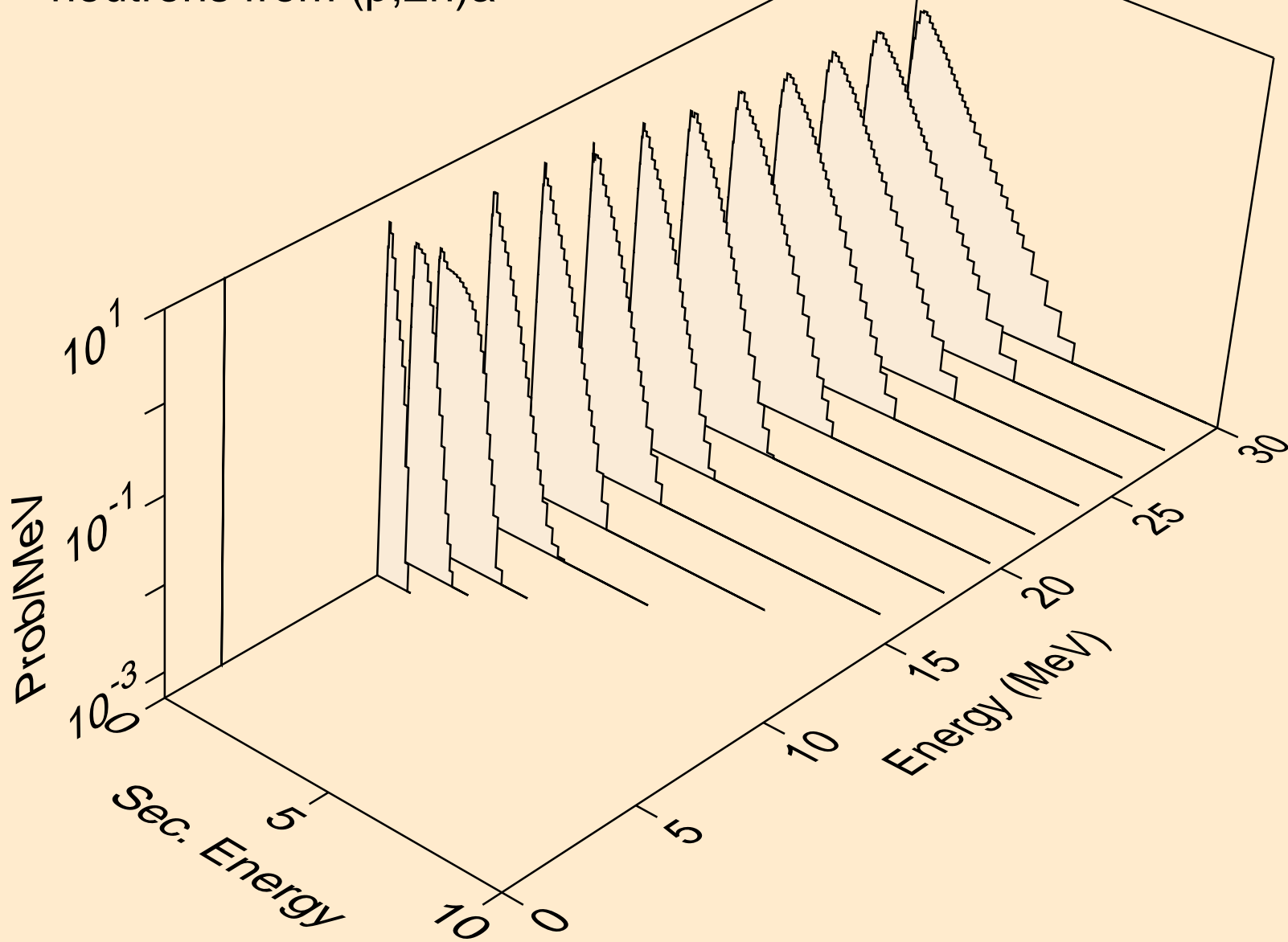
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



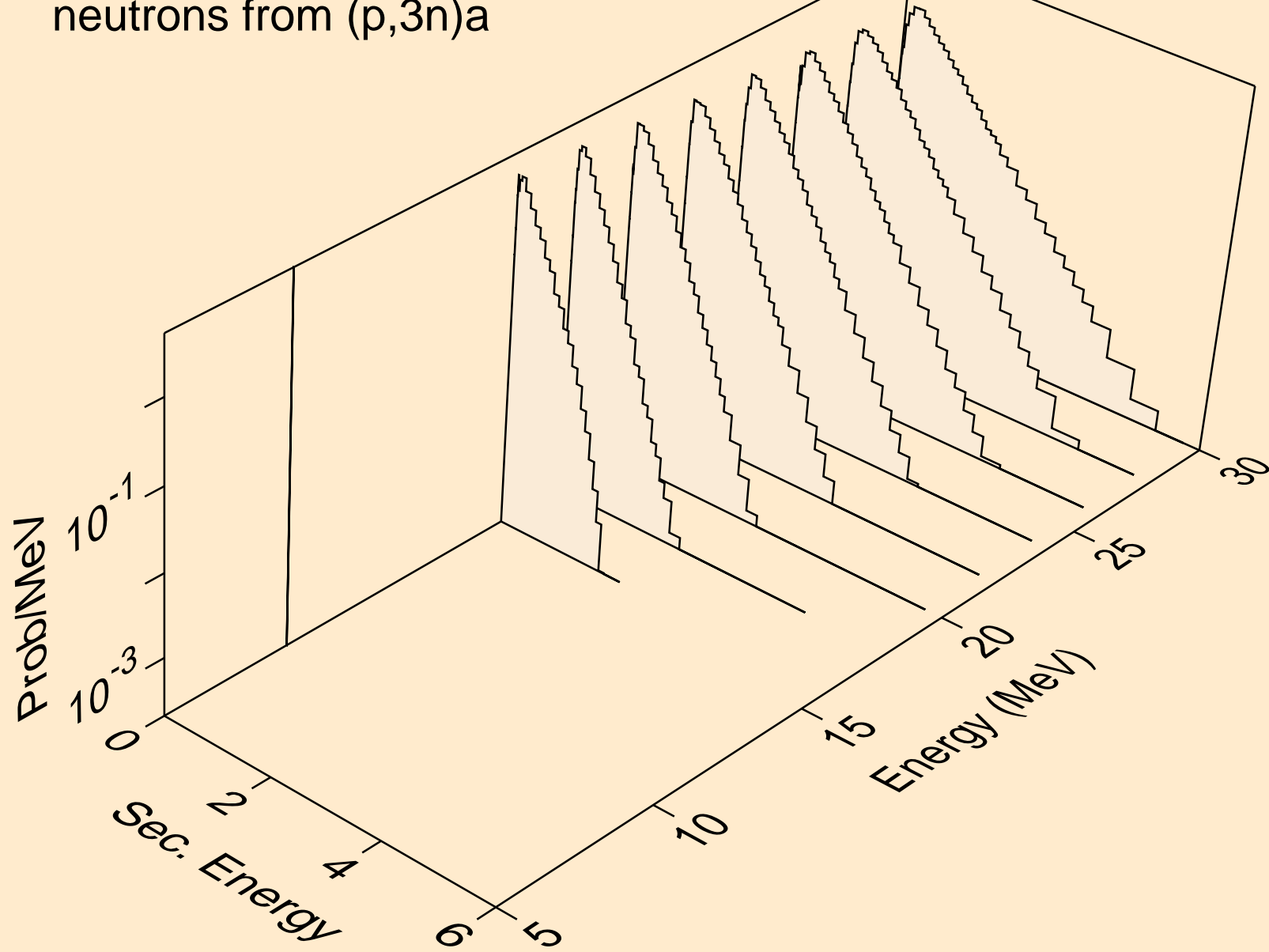
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



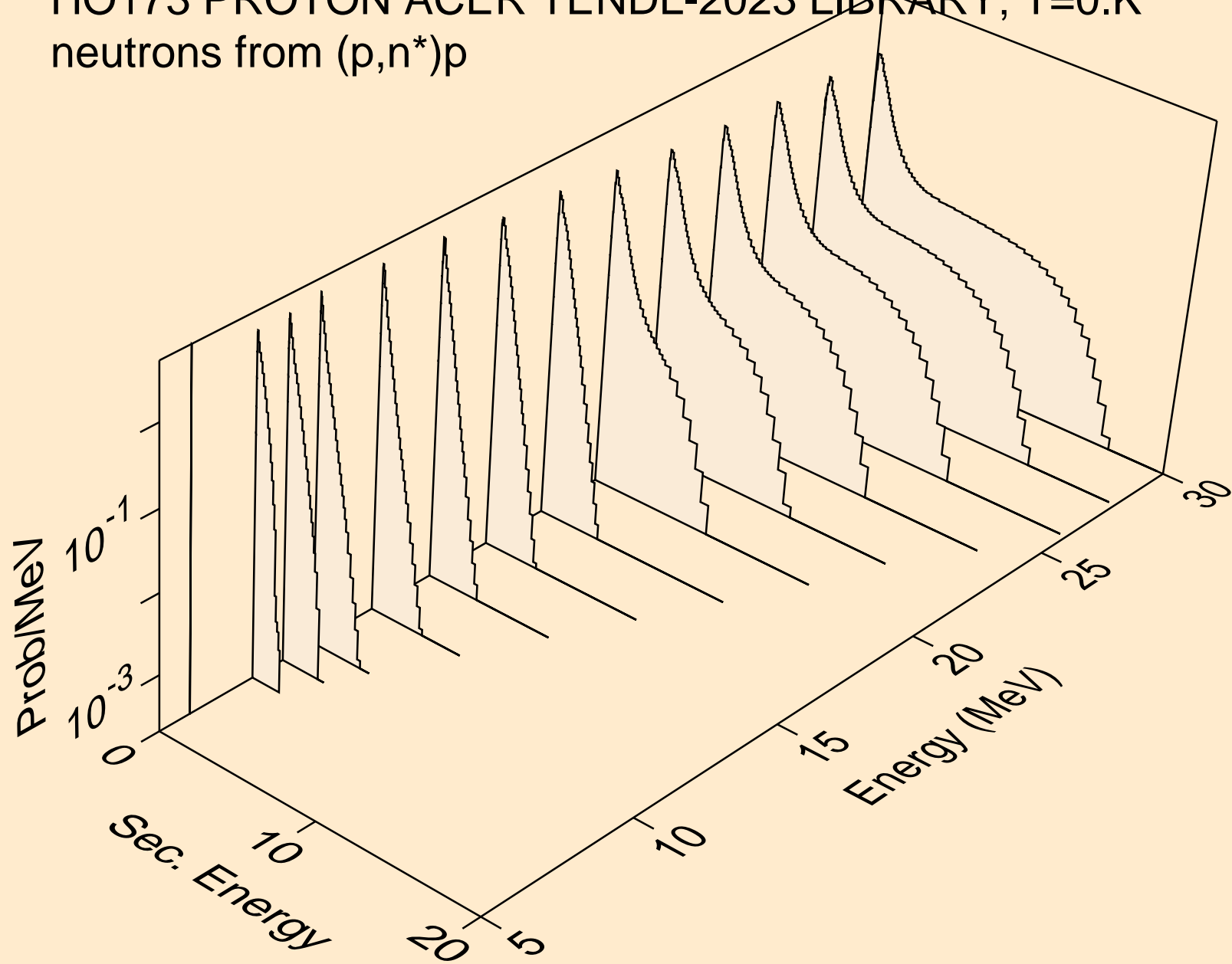
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



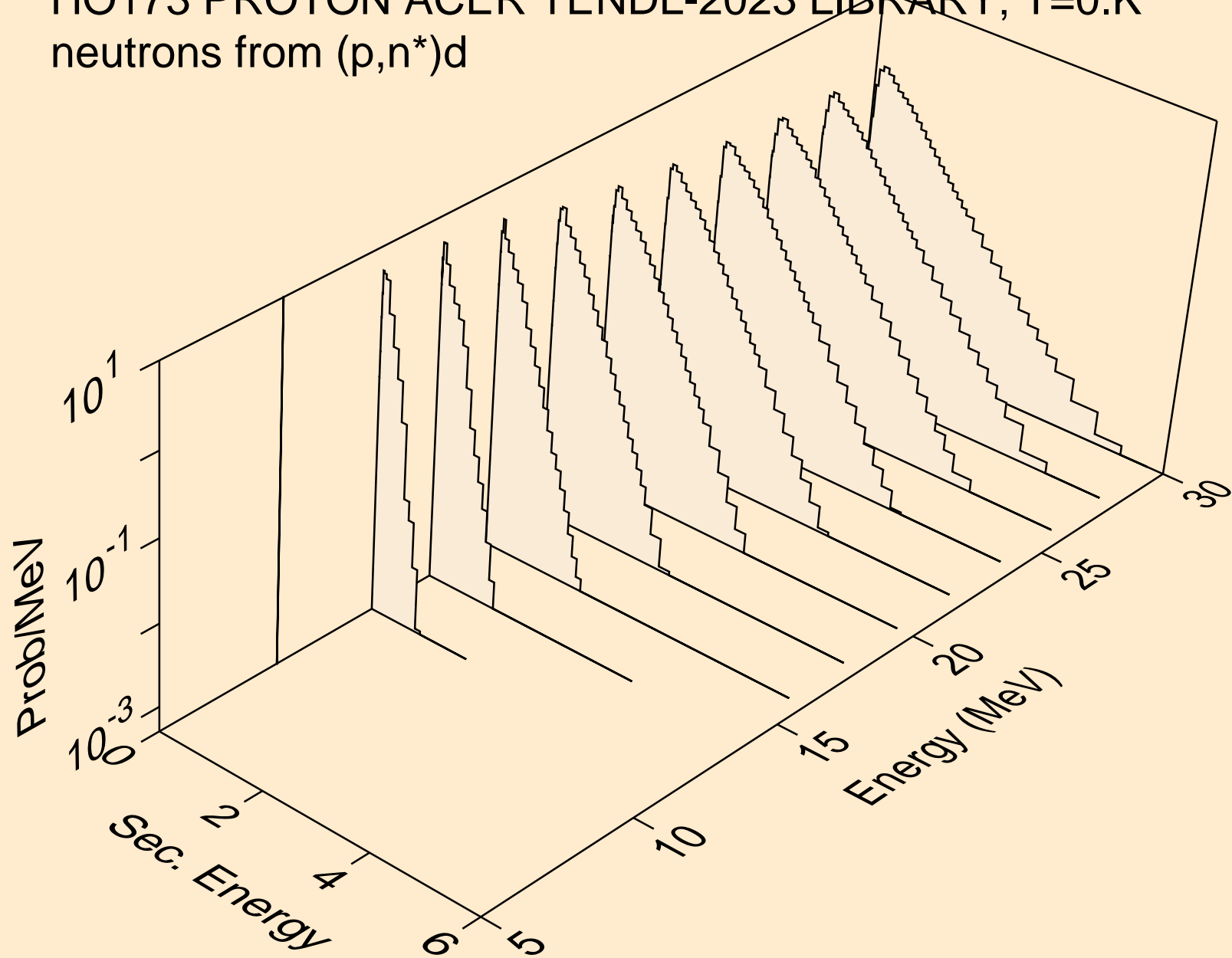
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neutrons from (p,3n)a



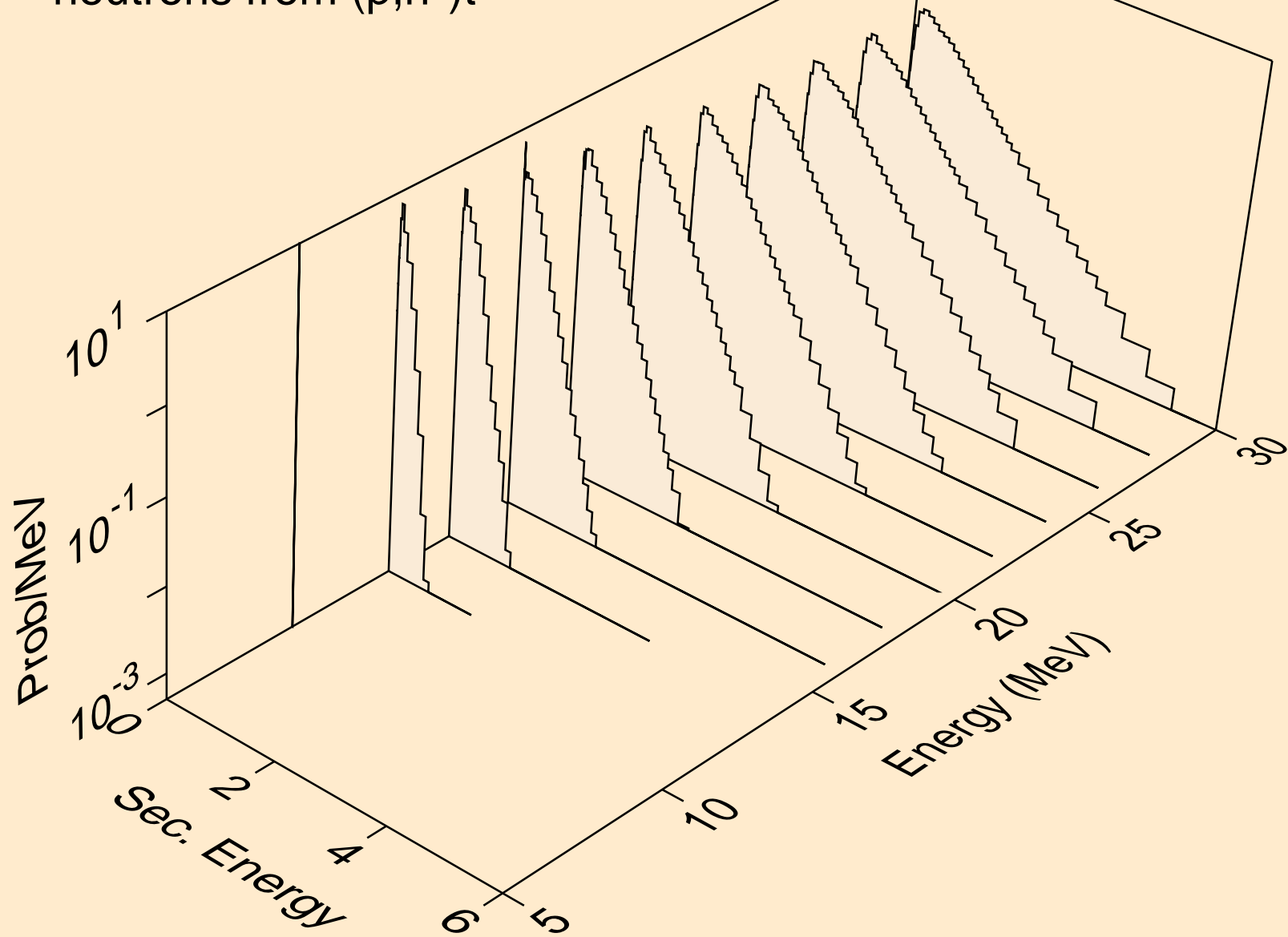
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

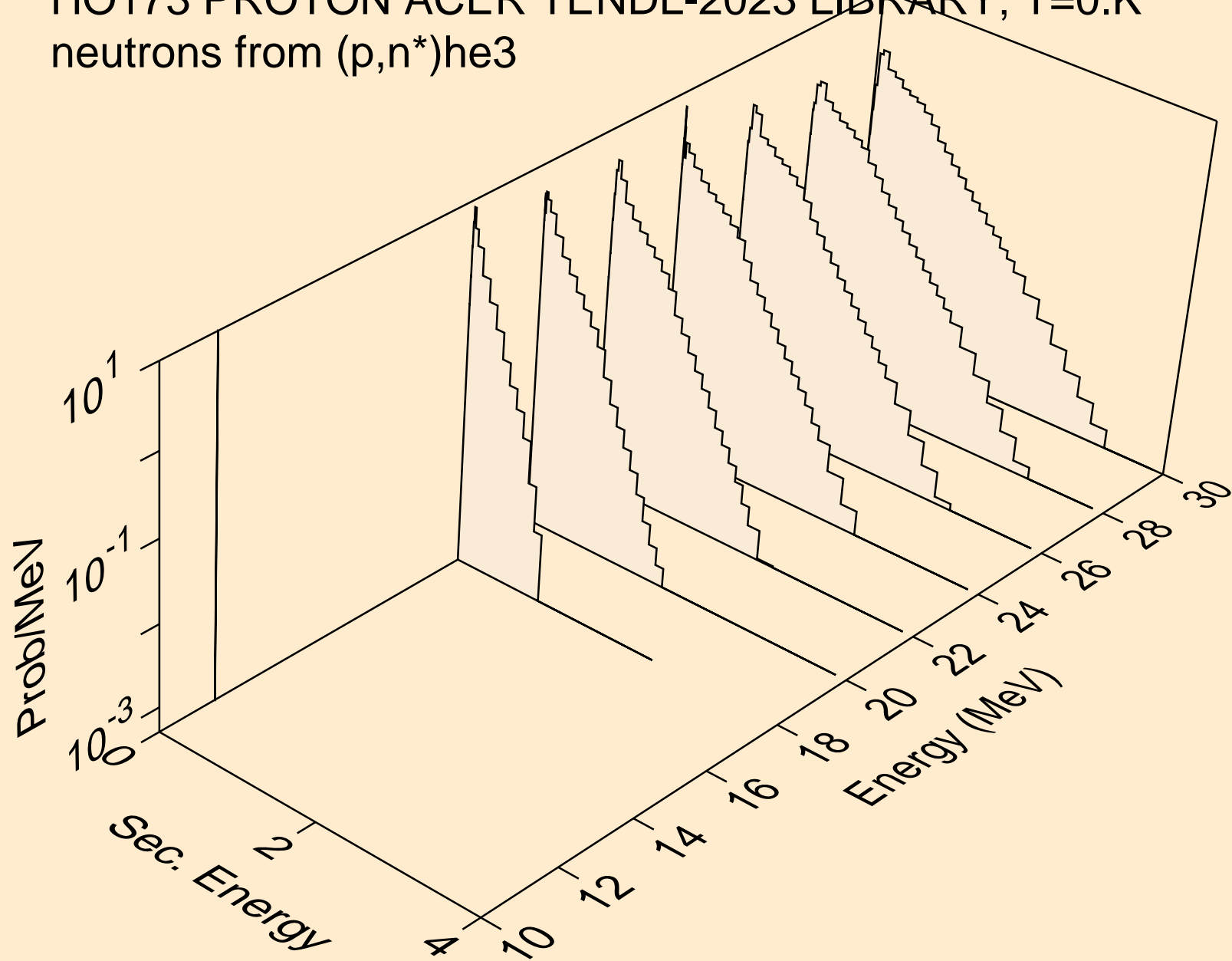


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

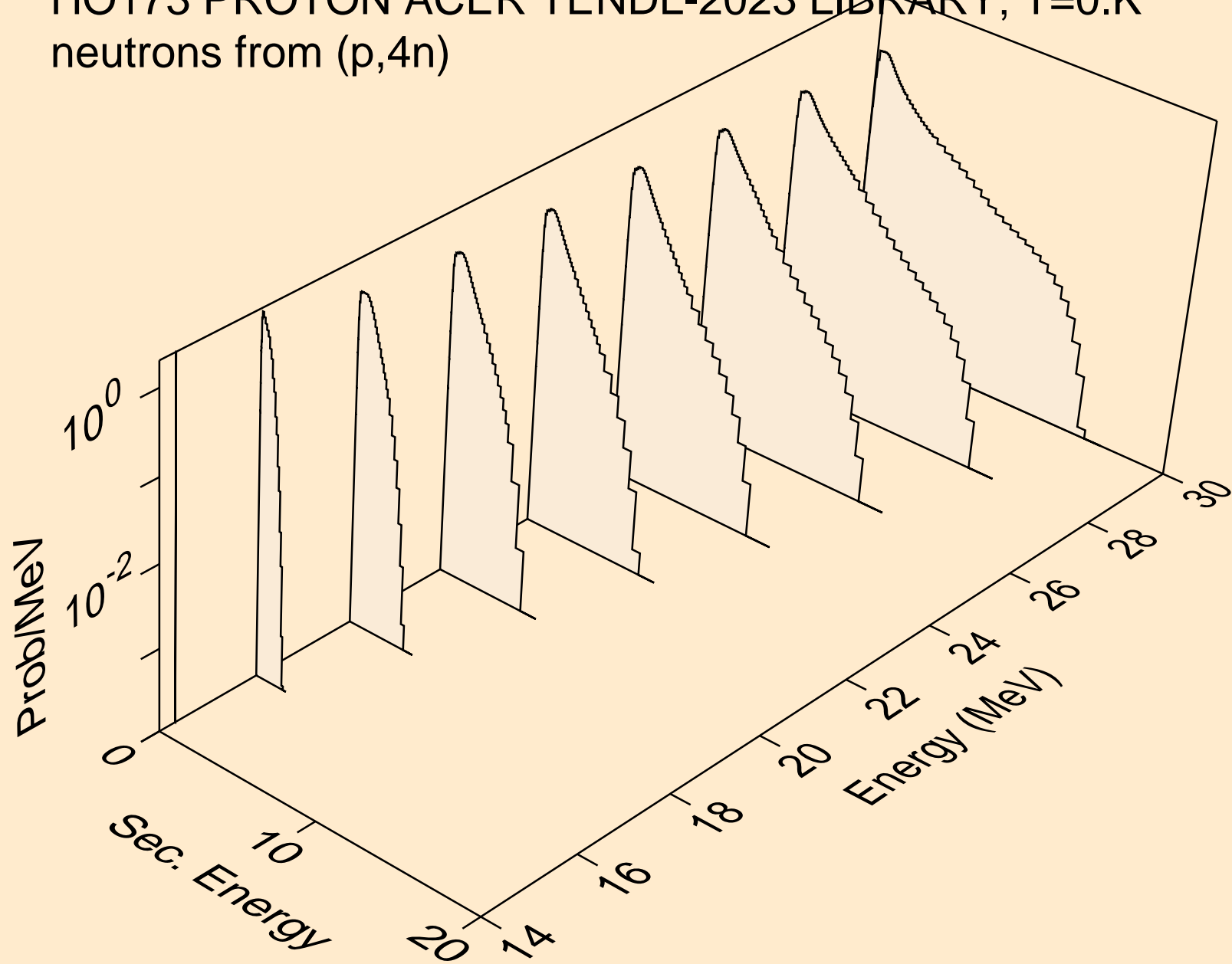




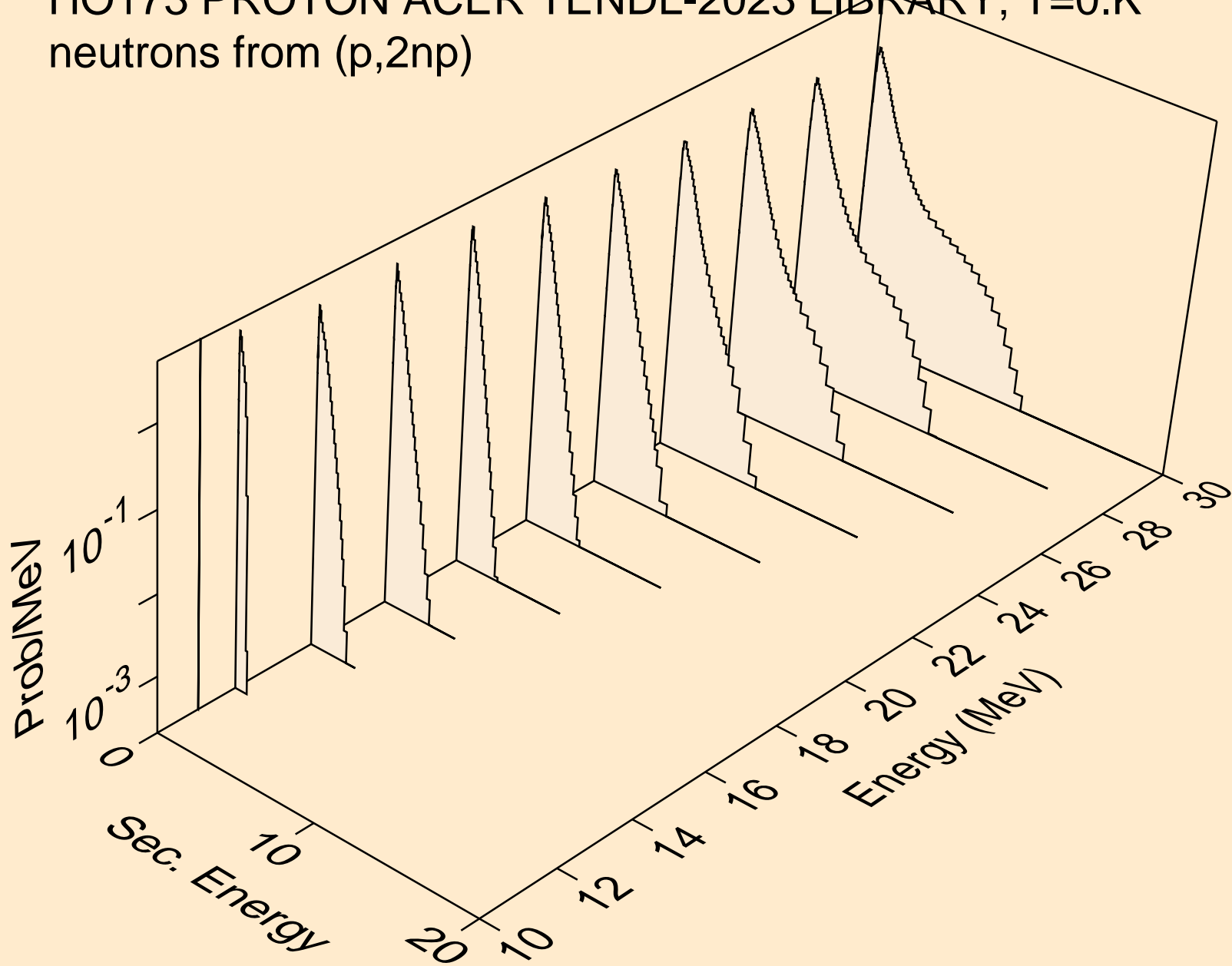
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



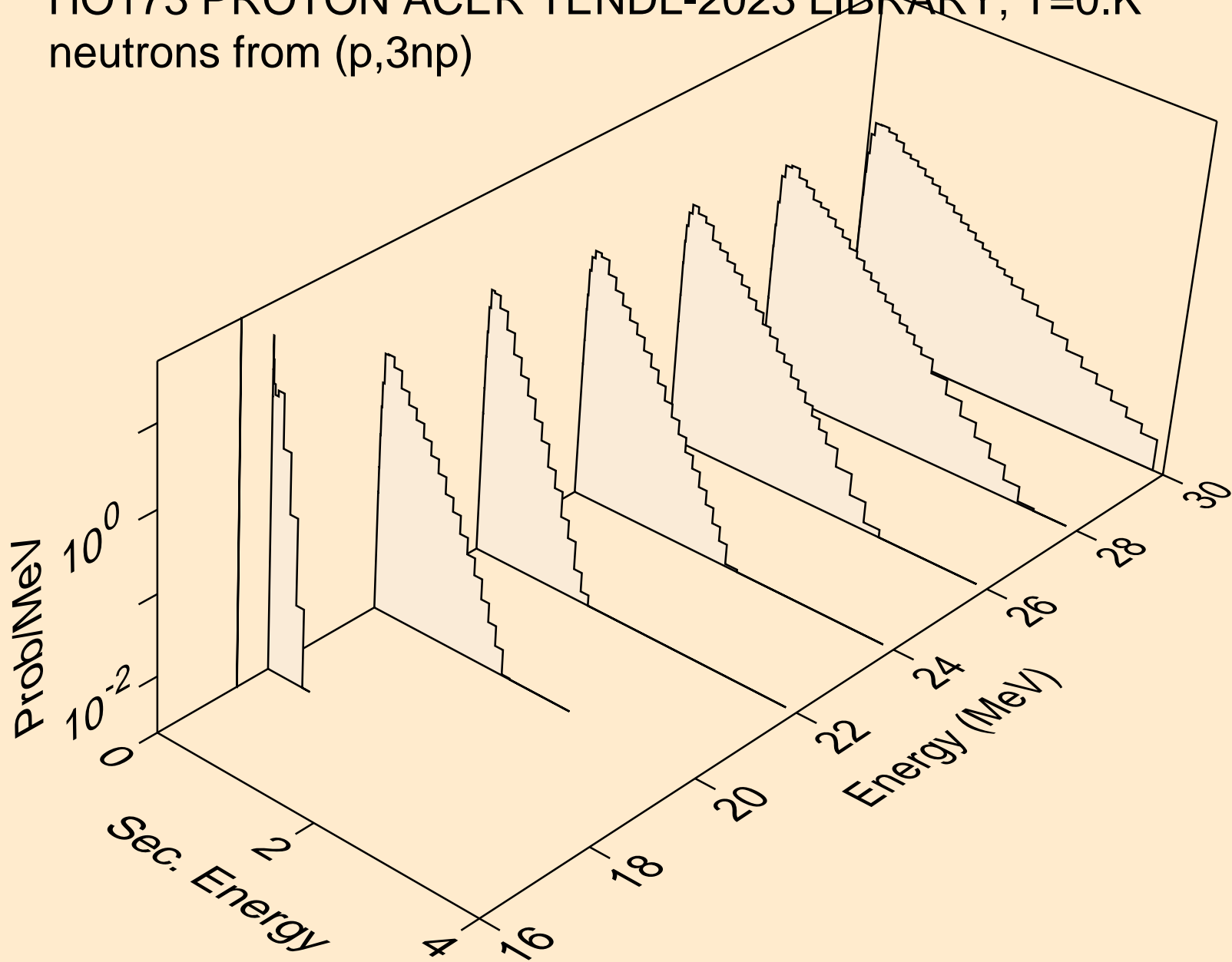
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



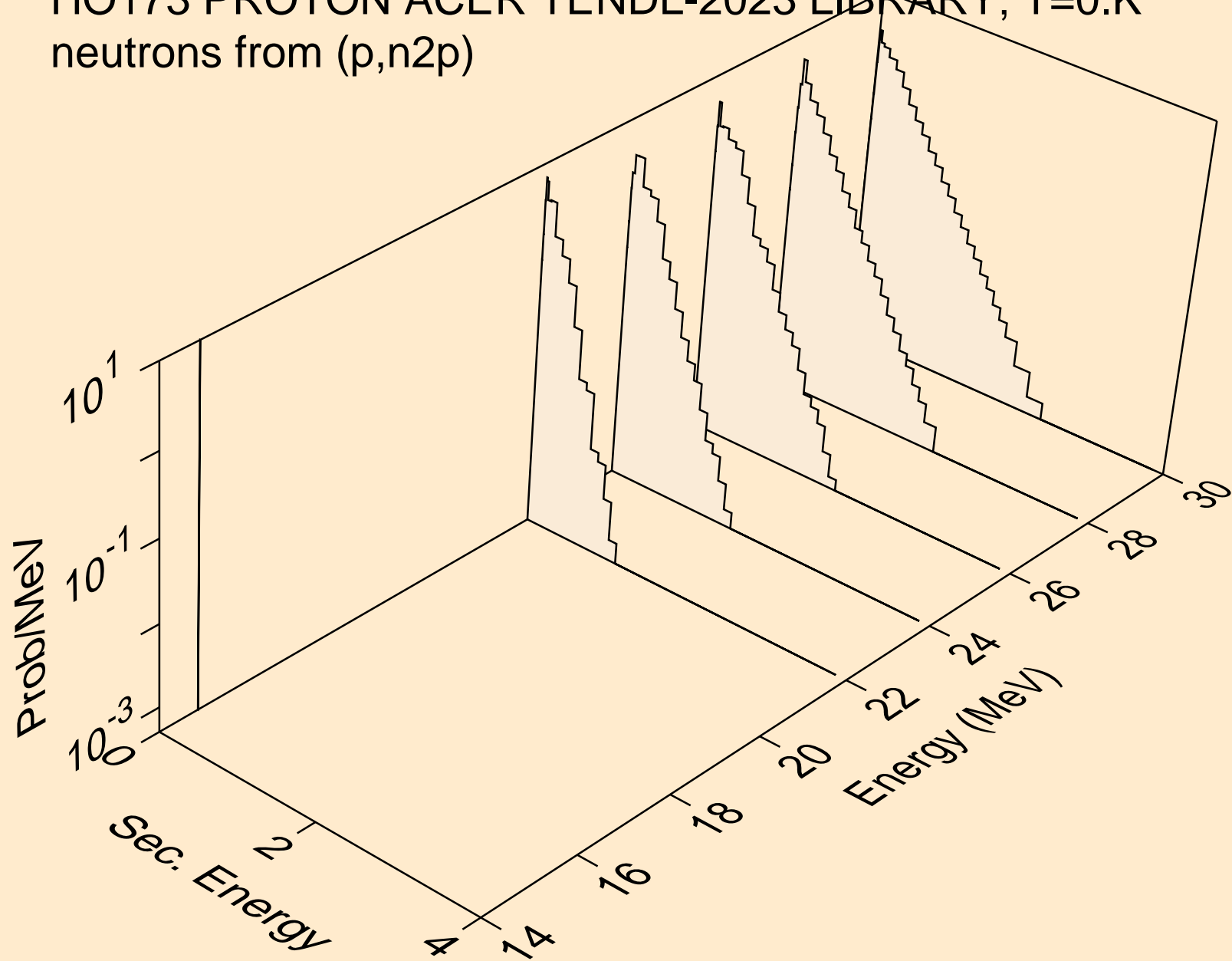
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neutrons from (p,2np)



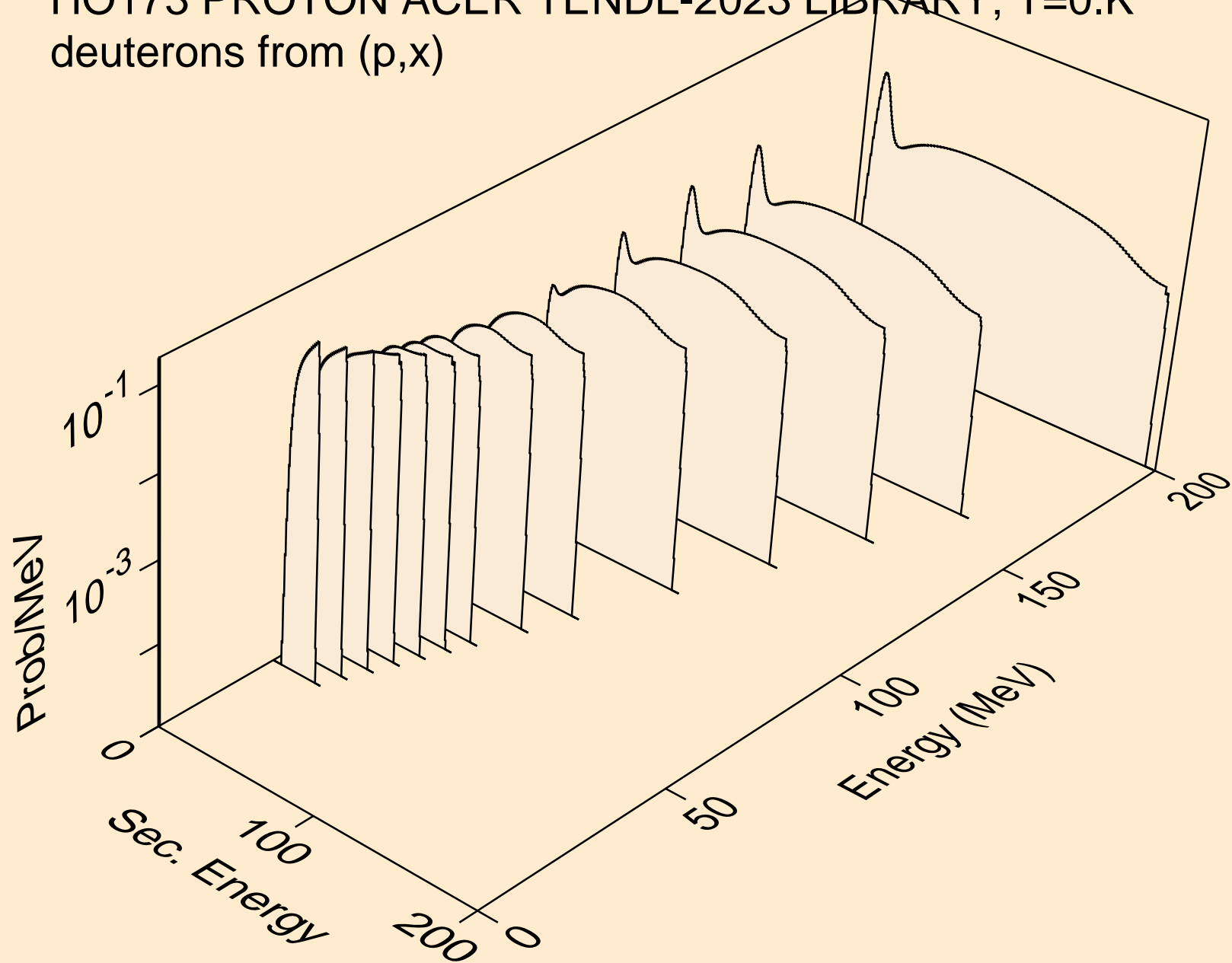
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neutrons from (p,3np)



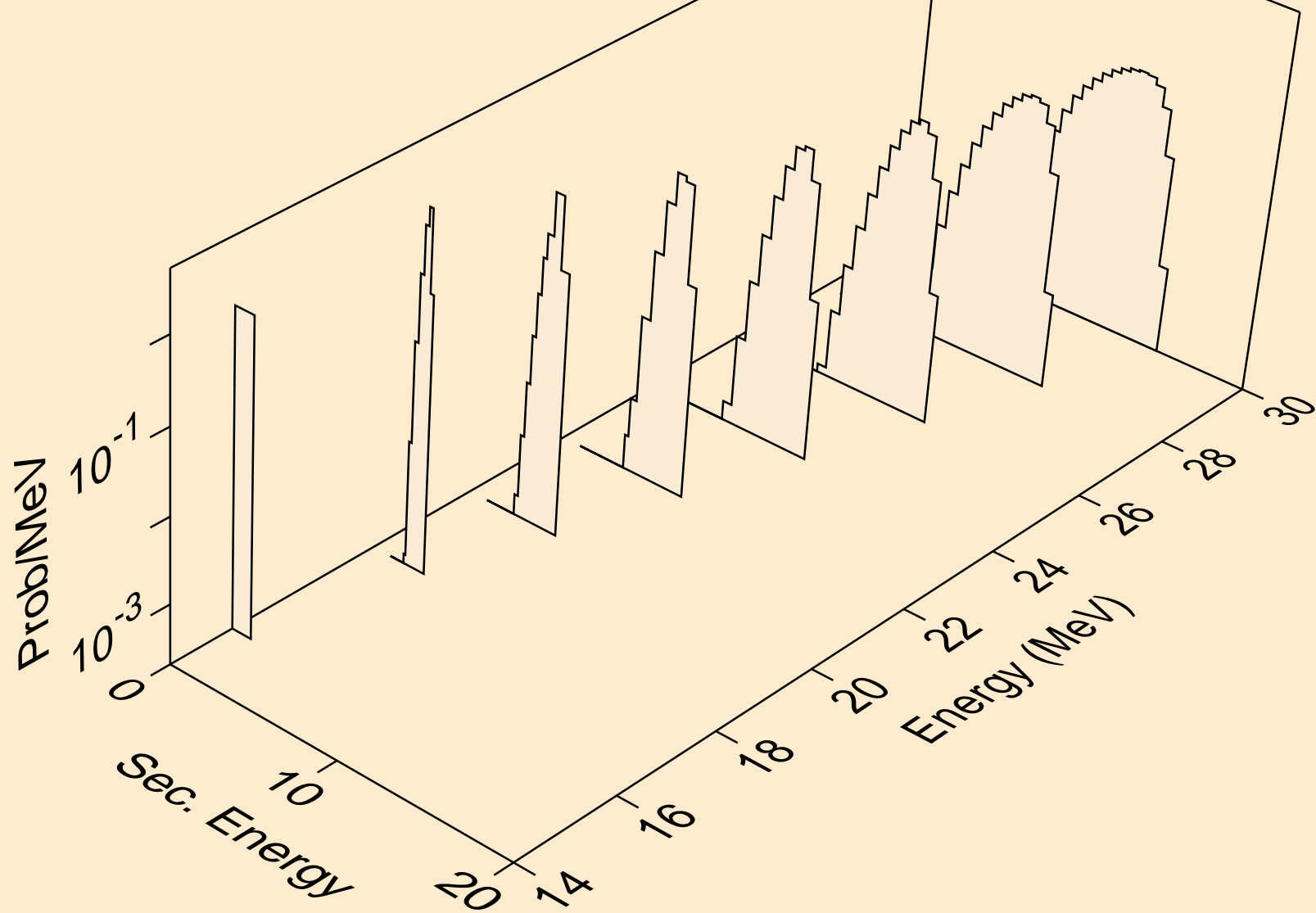
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neutrons from (p,n2p)



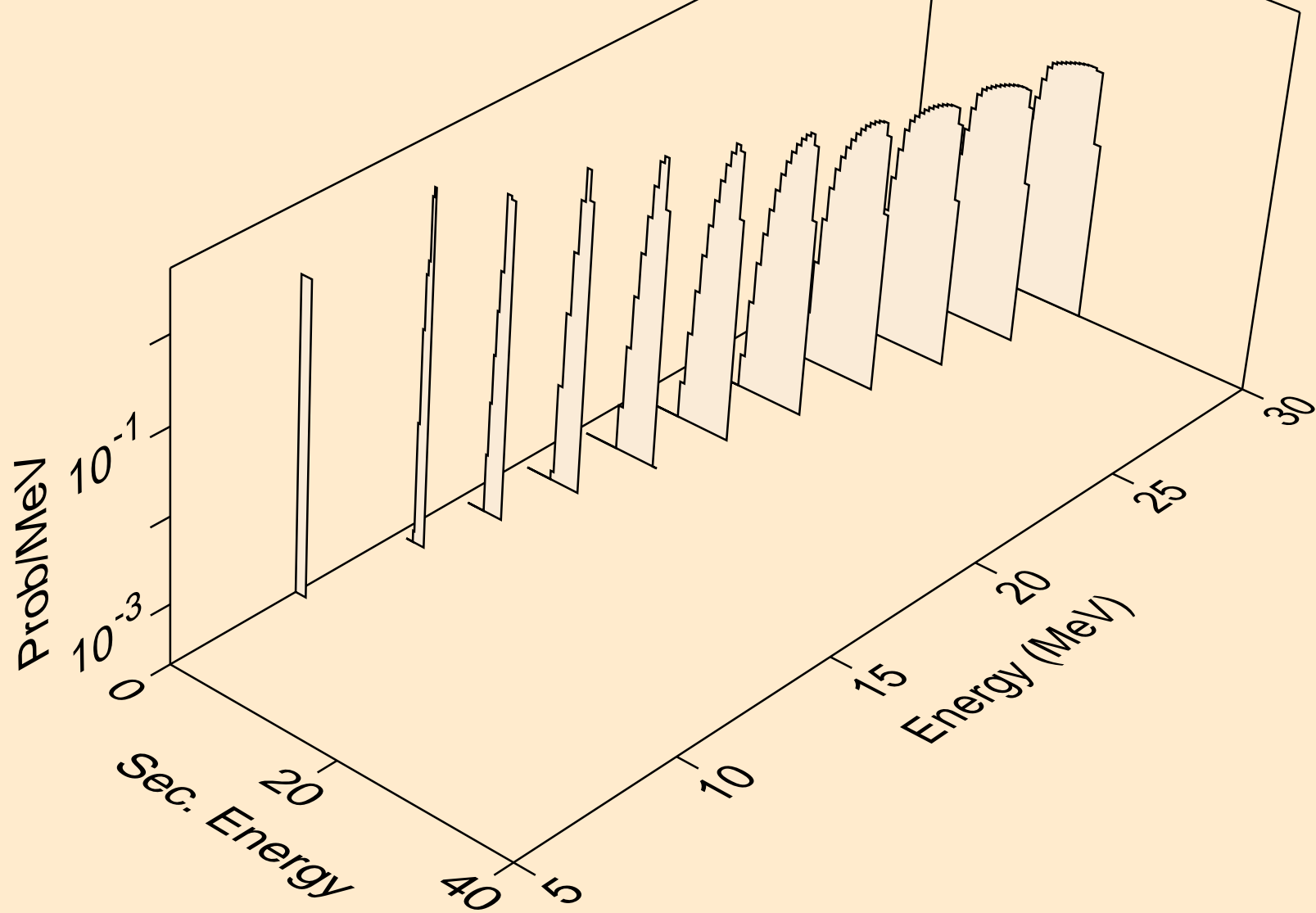
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

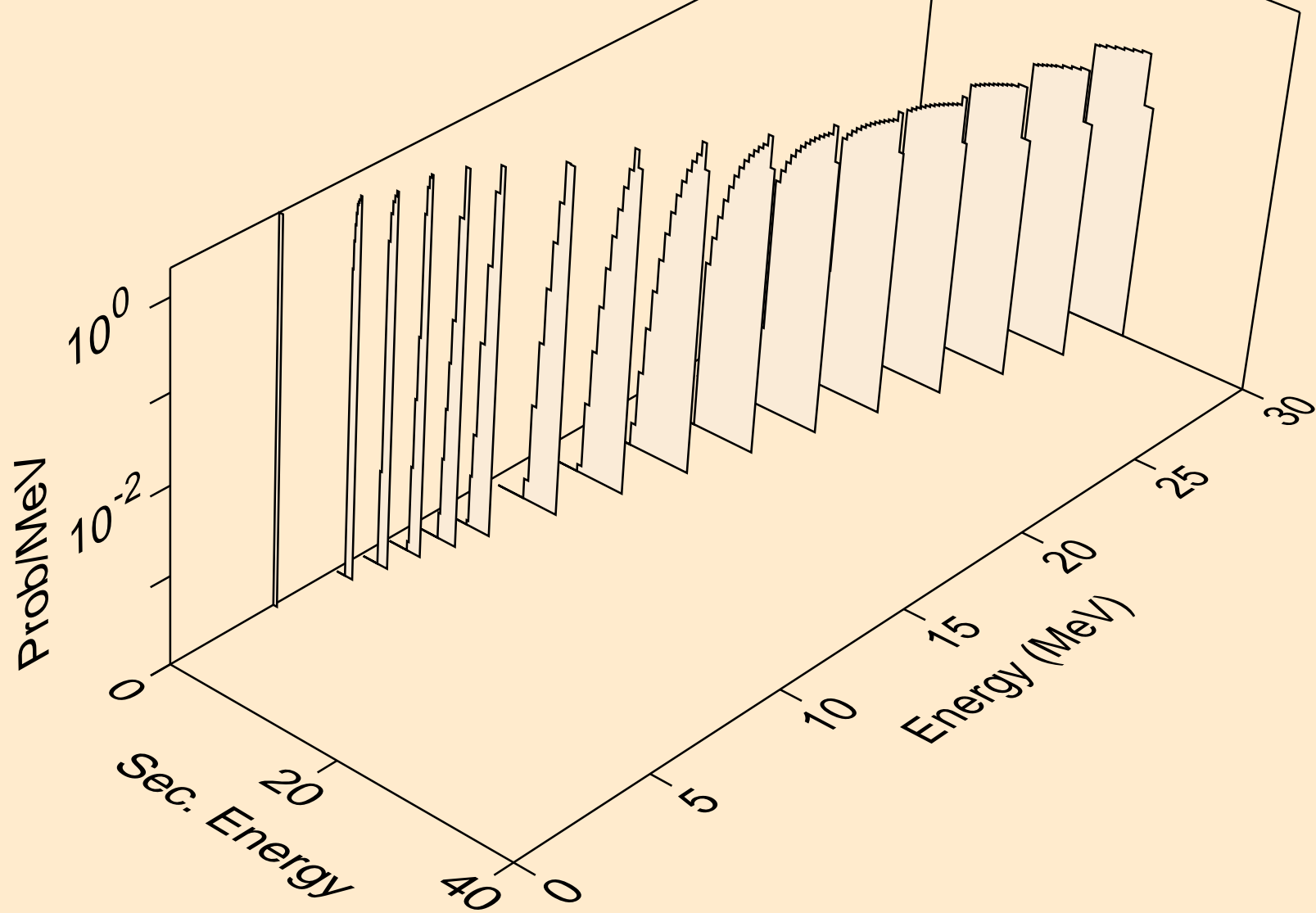


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deuterons from (p,n\*)d

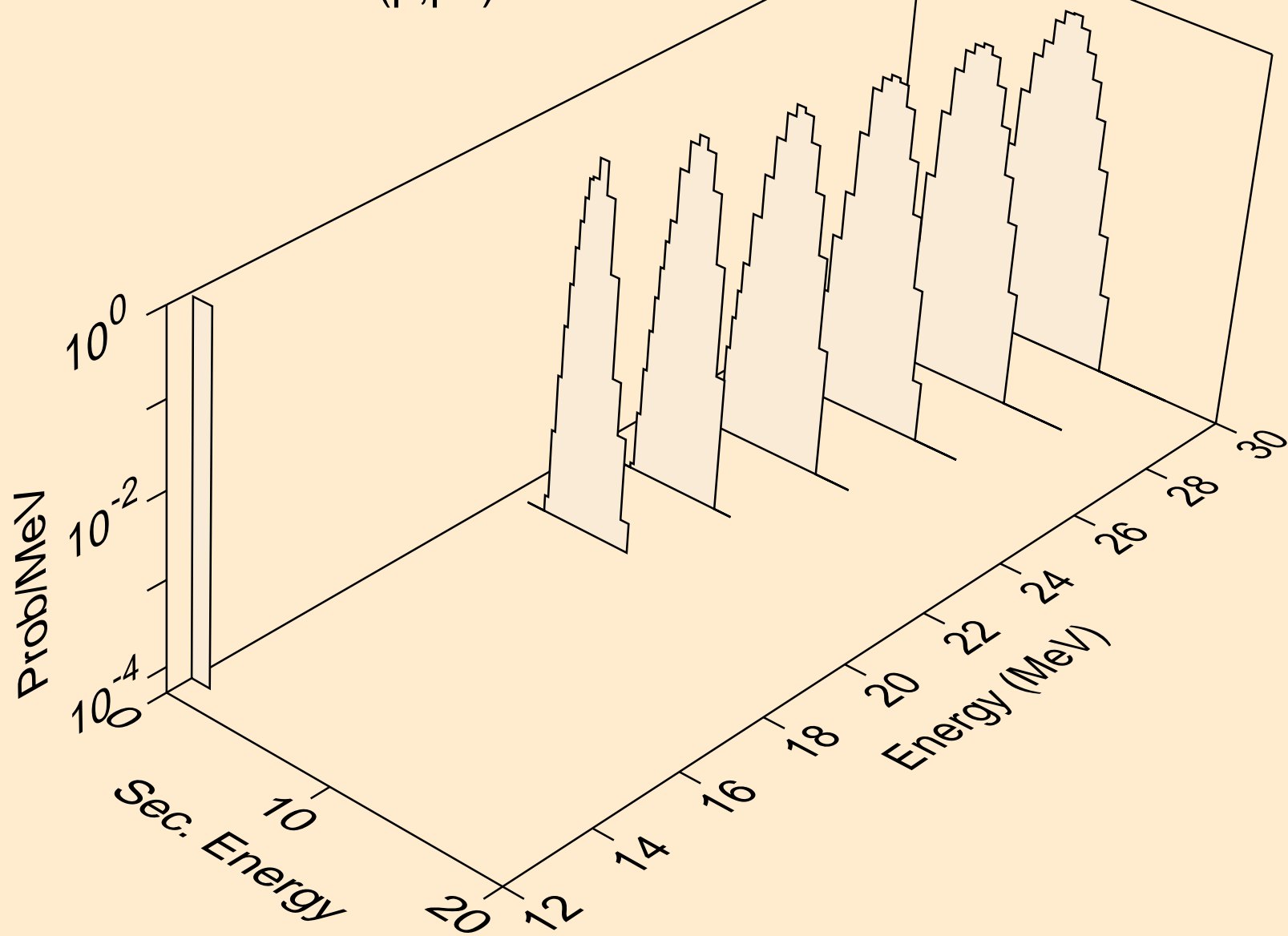




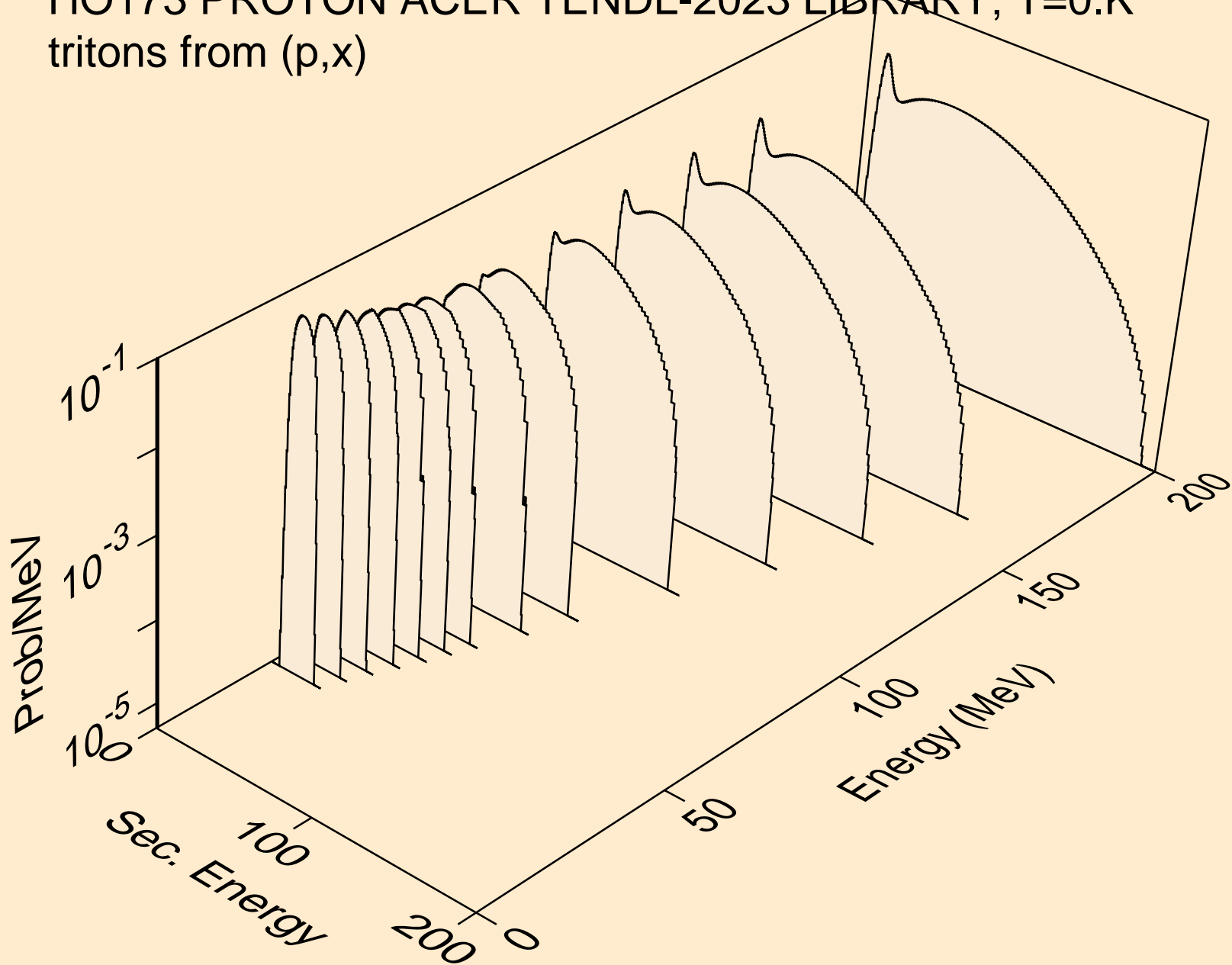
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deuterons from (p,d)



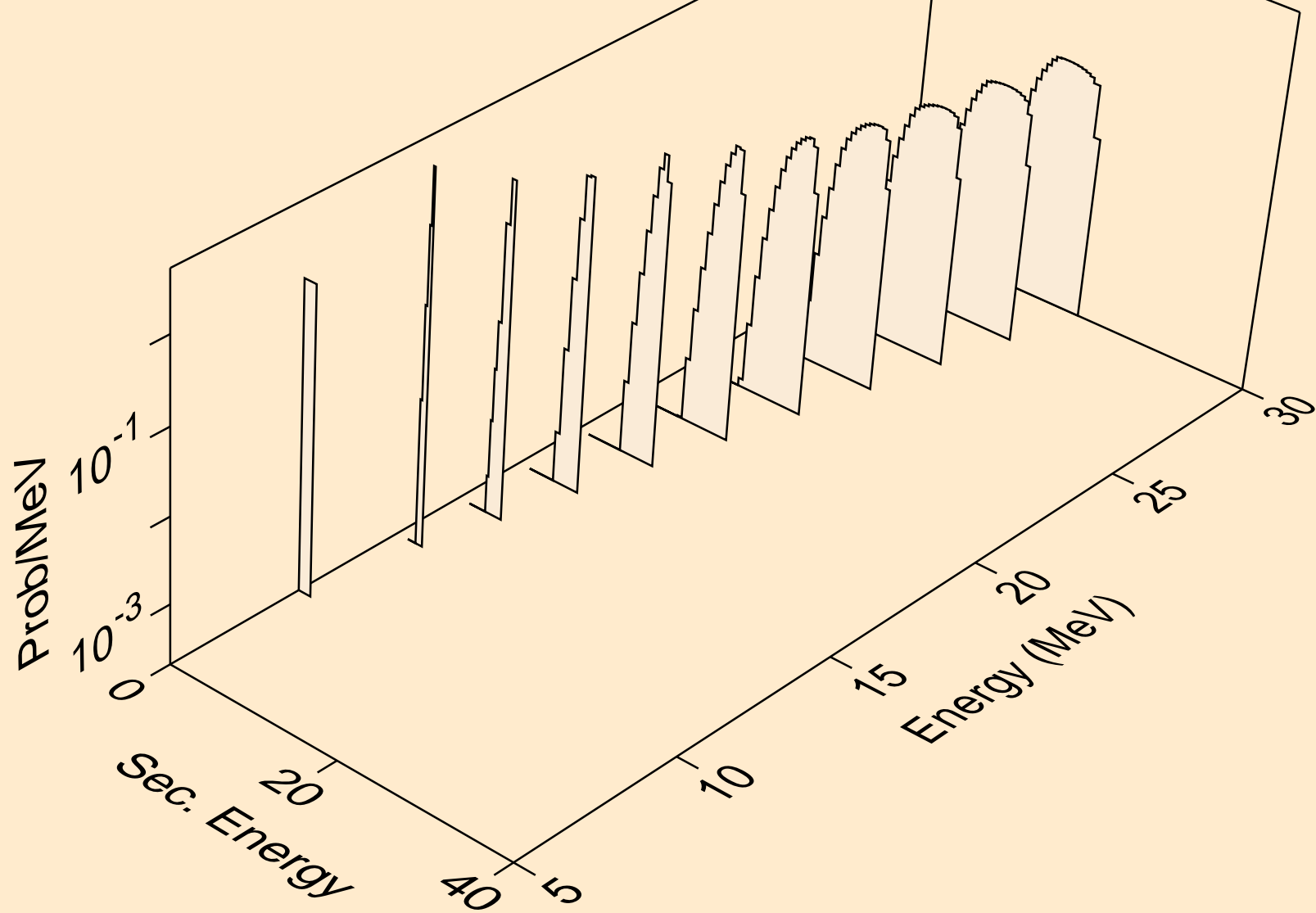
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deuterons from (p,pd)



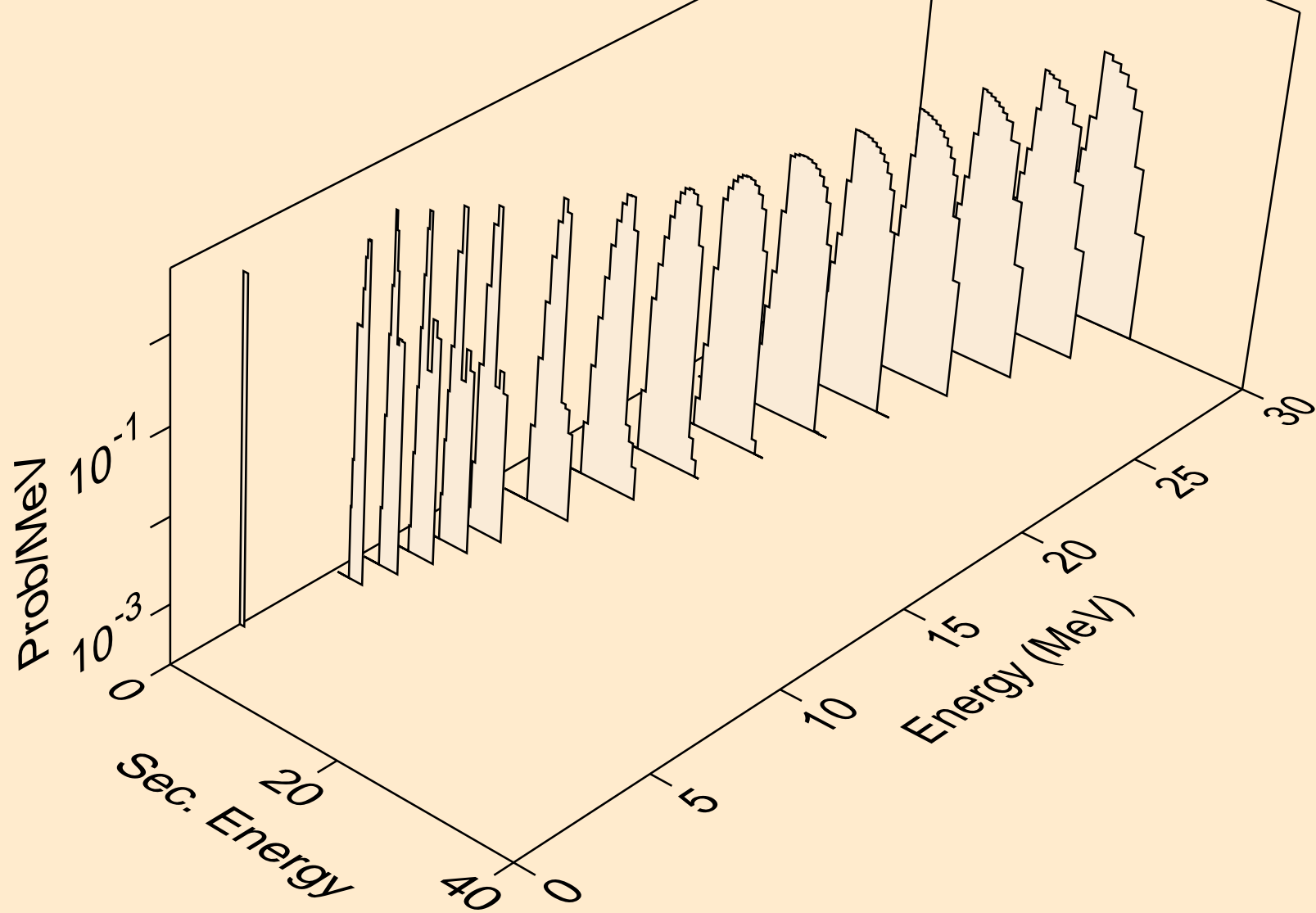
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



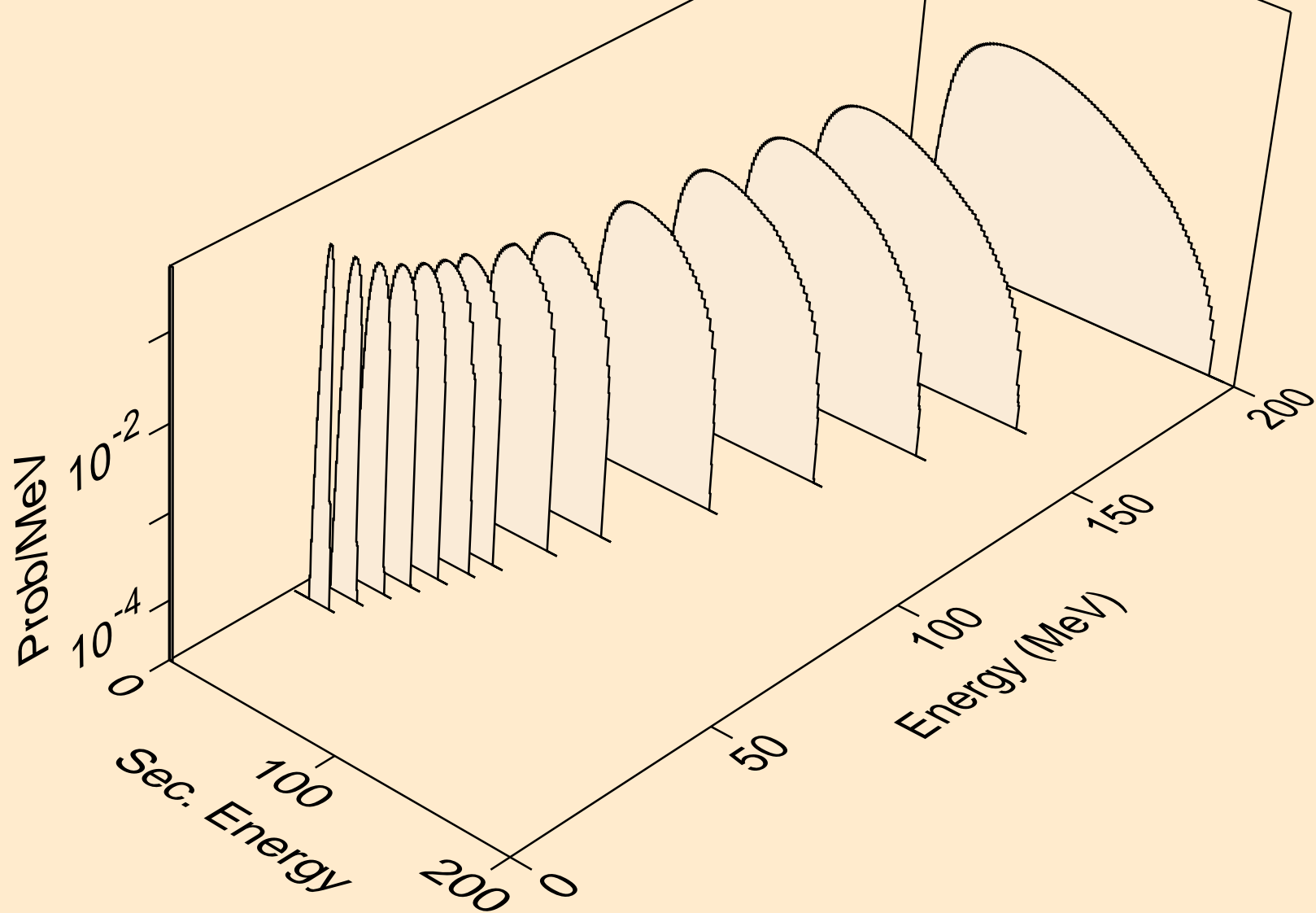
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



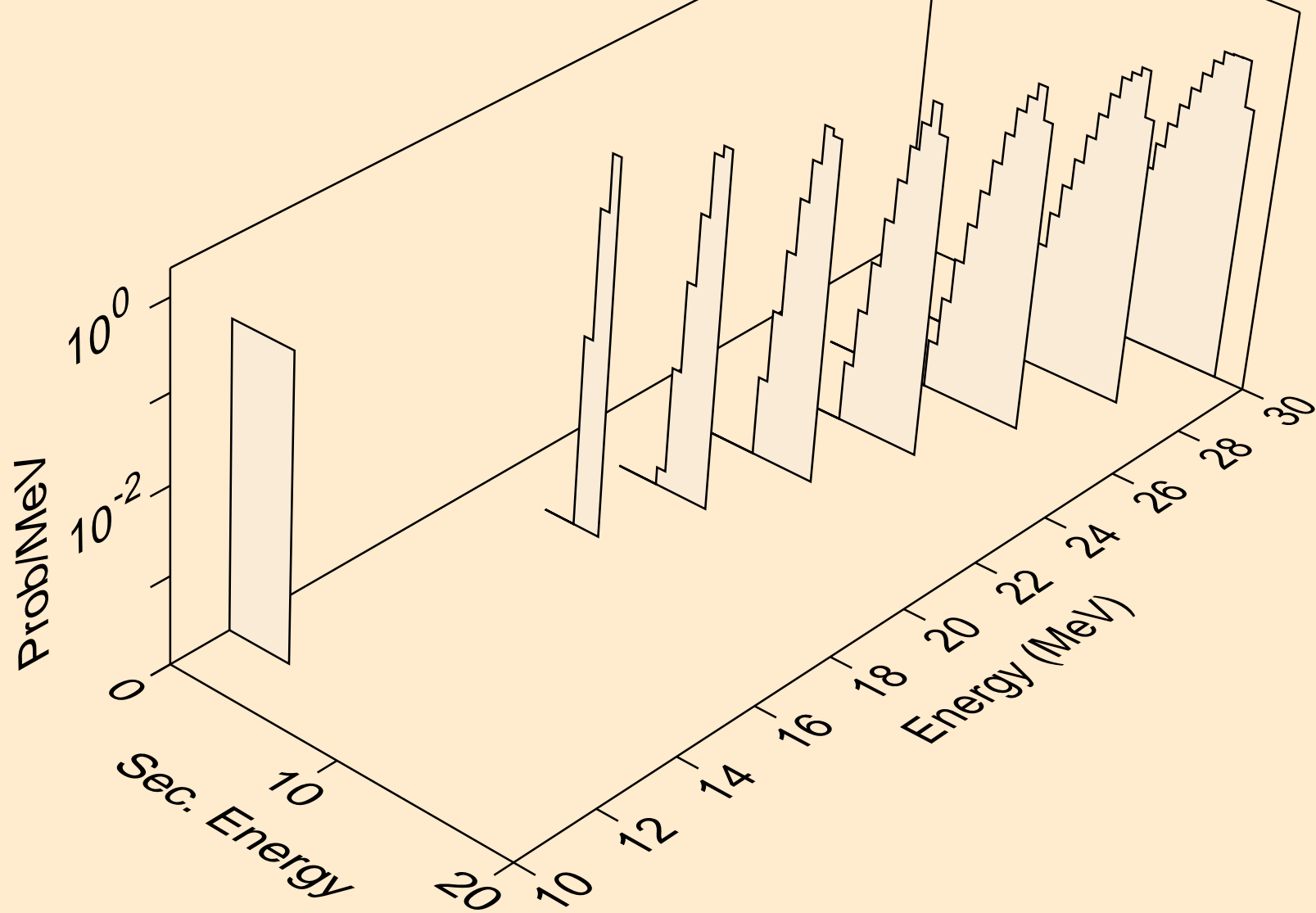
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



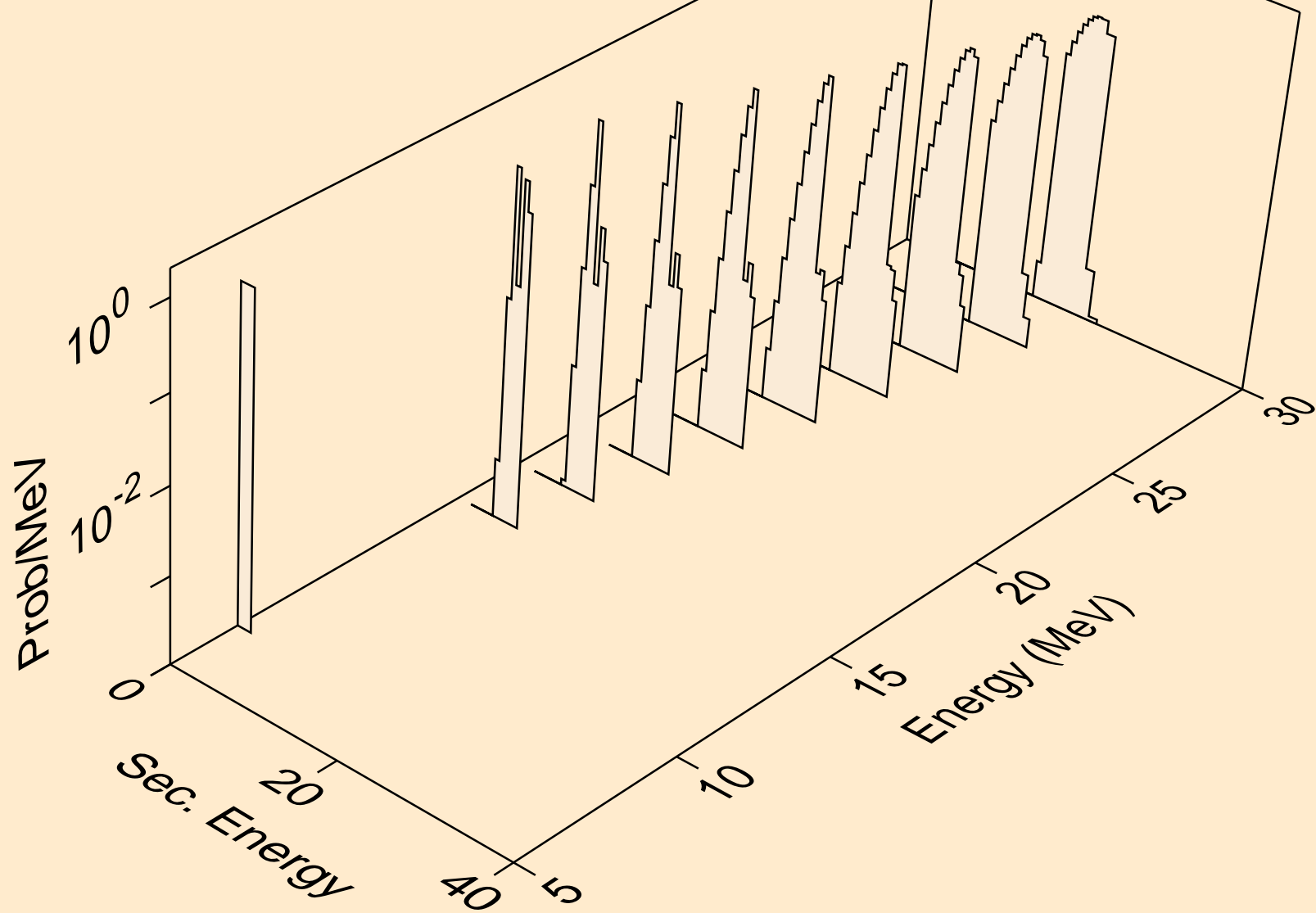
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

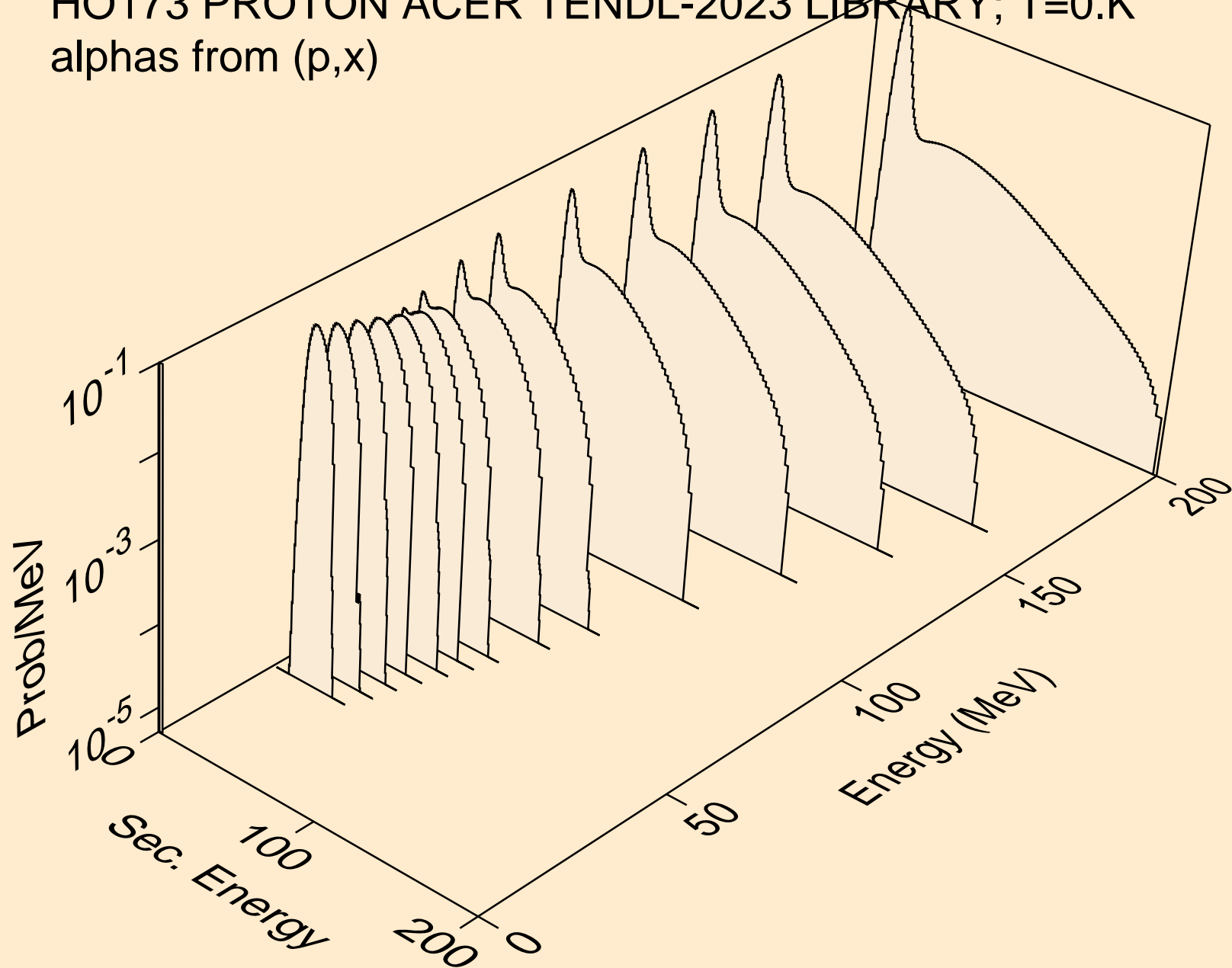


HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

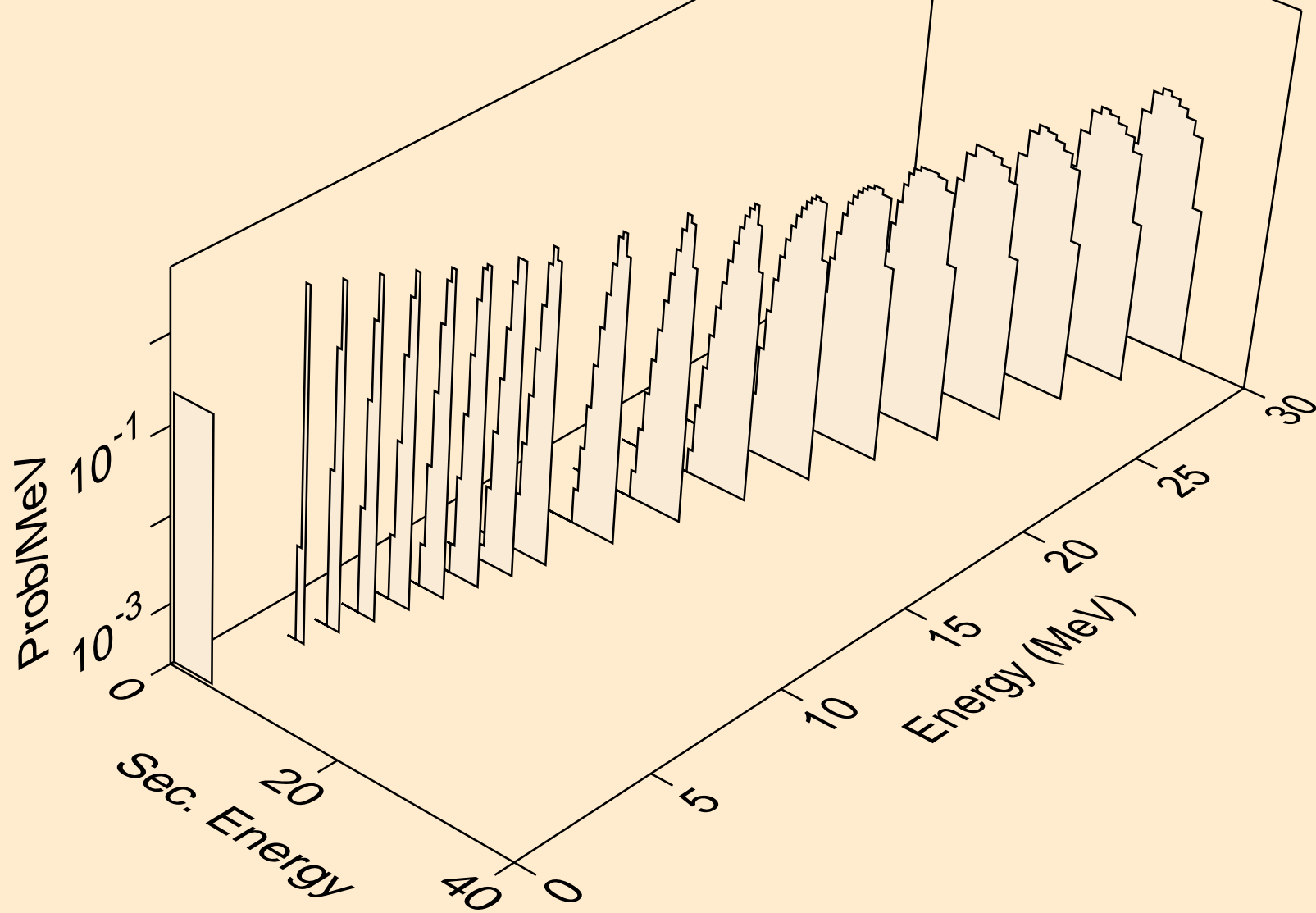




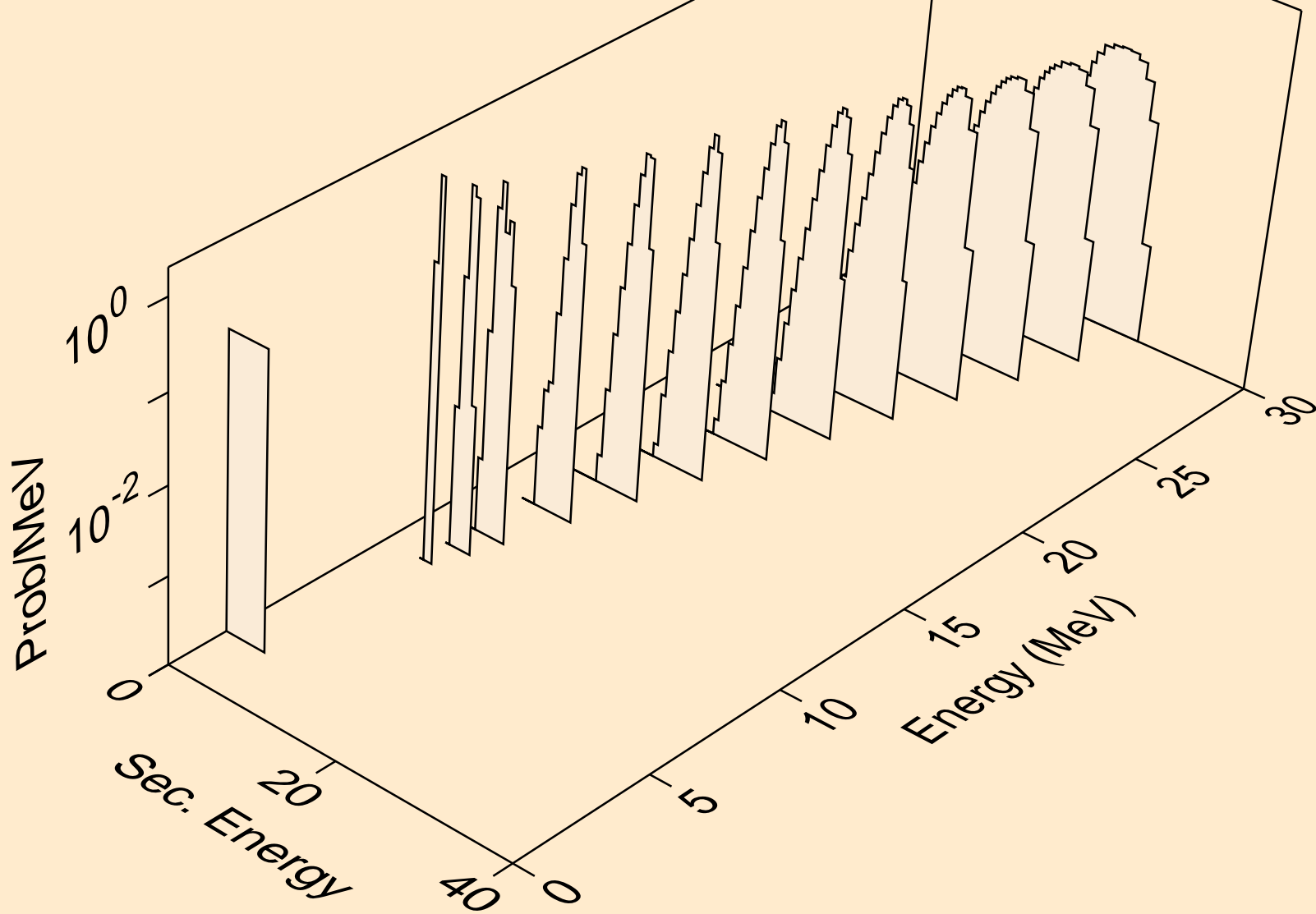
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



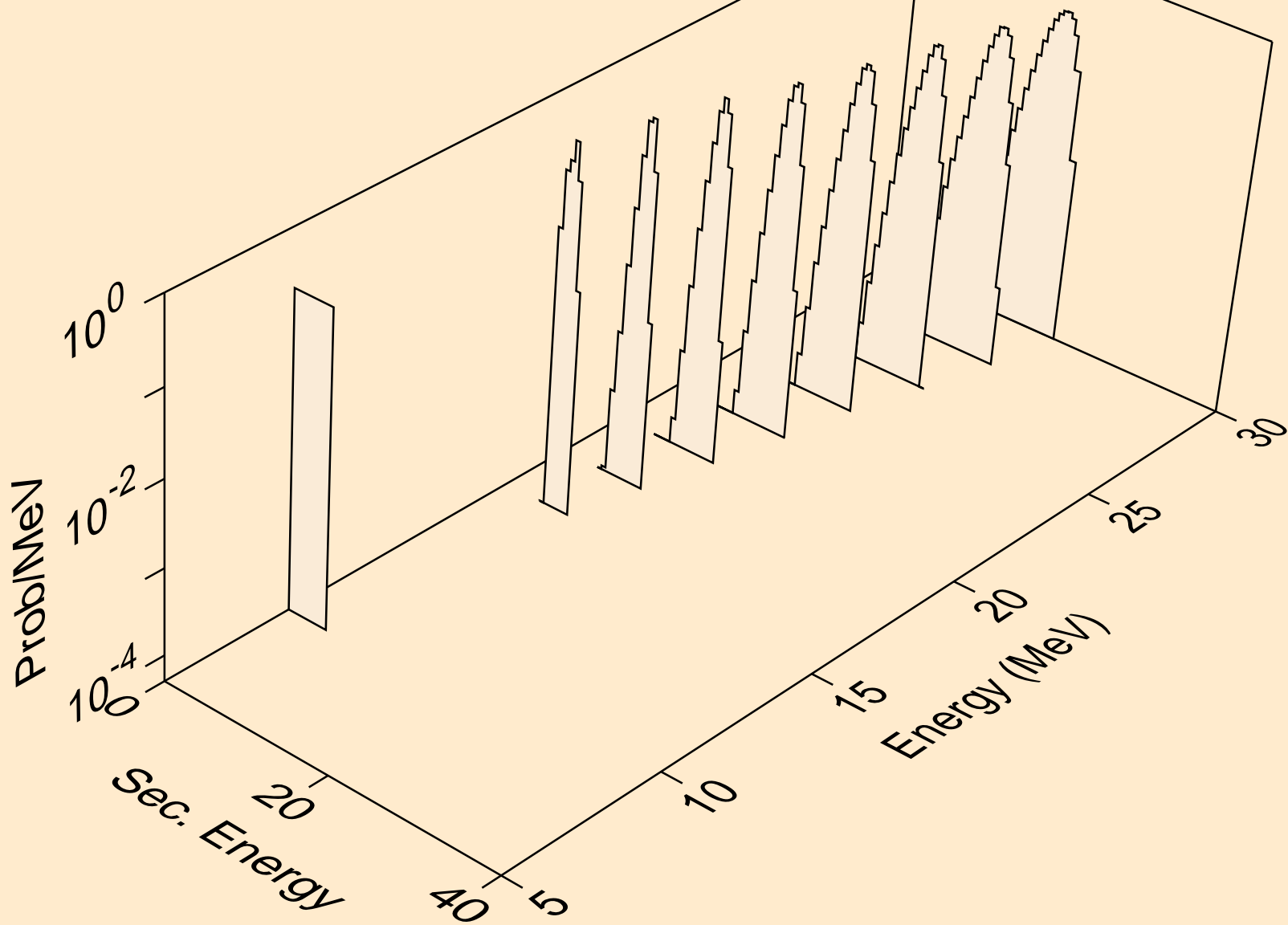
HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



HO173 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

