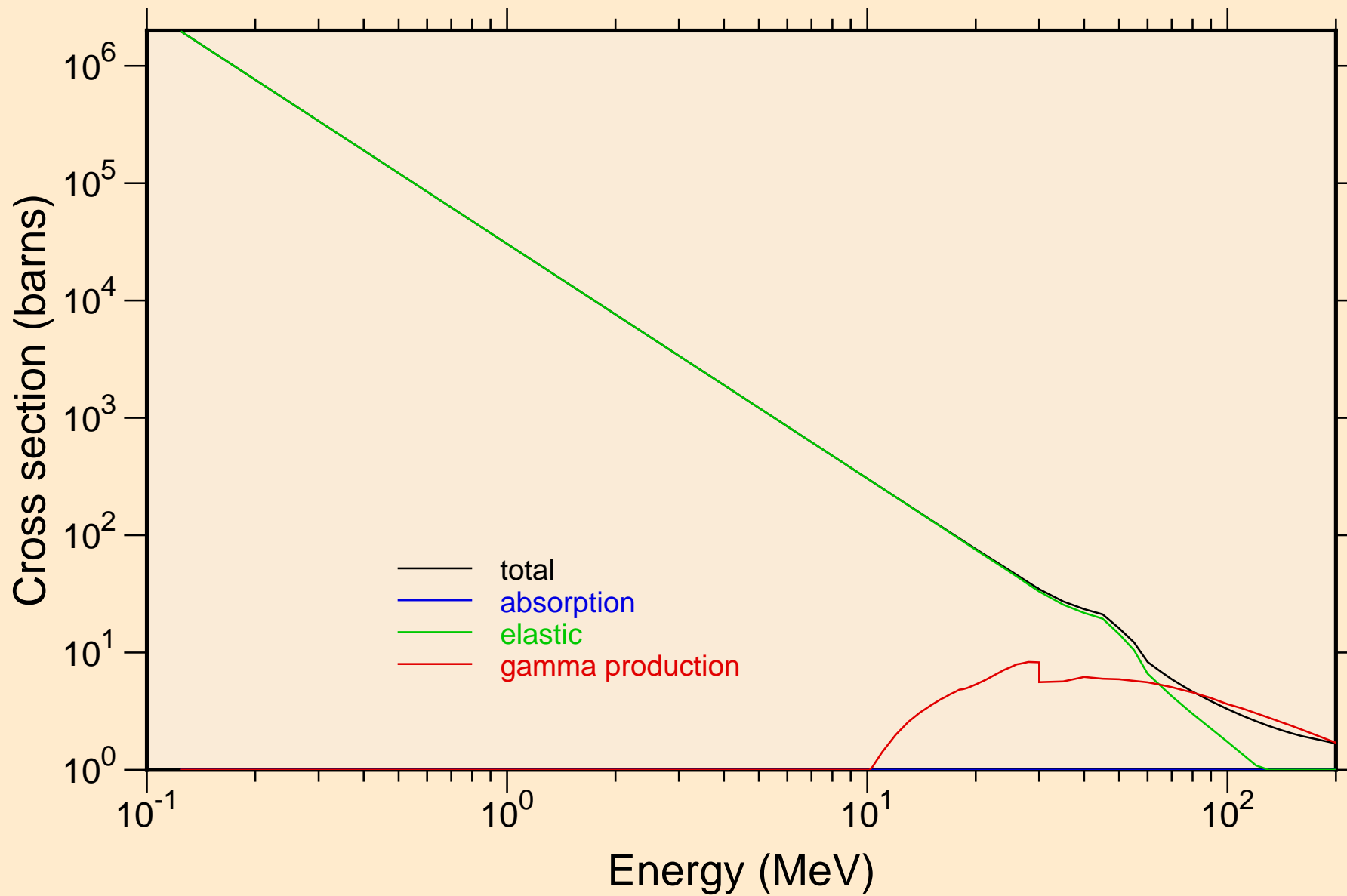
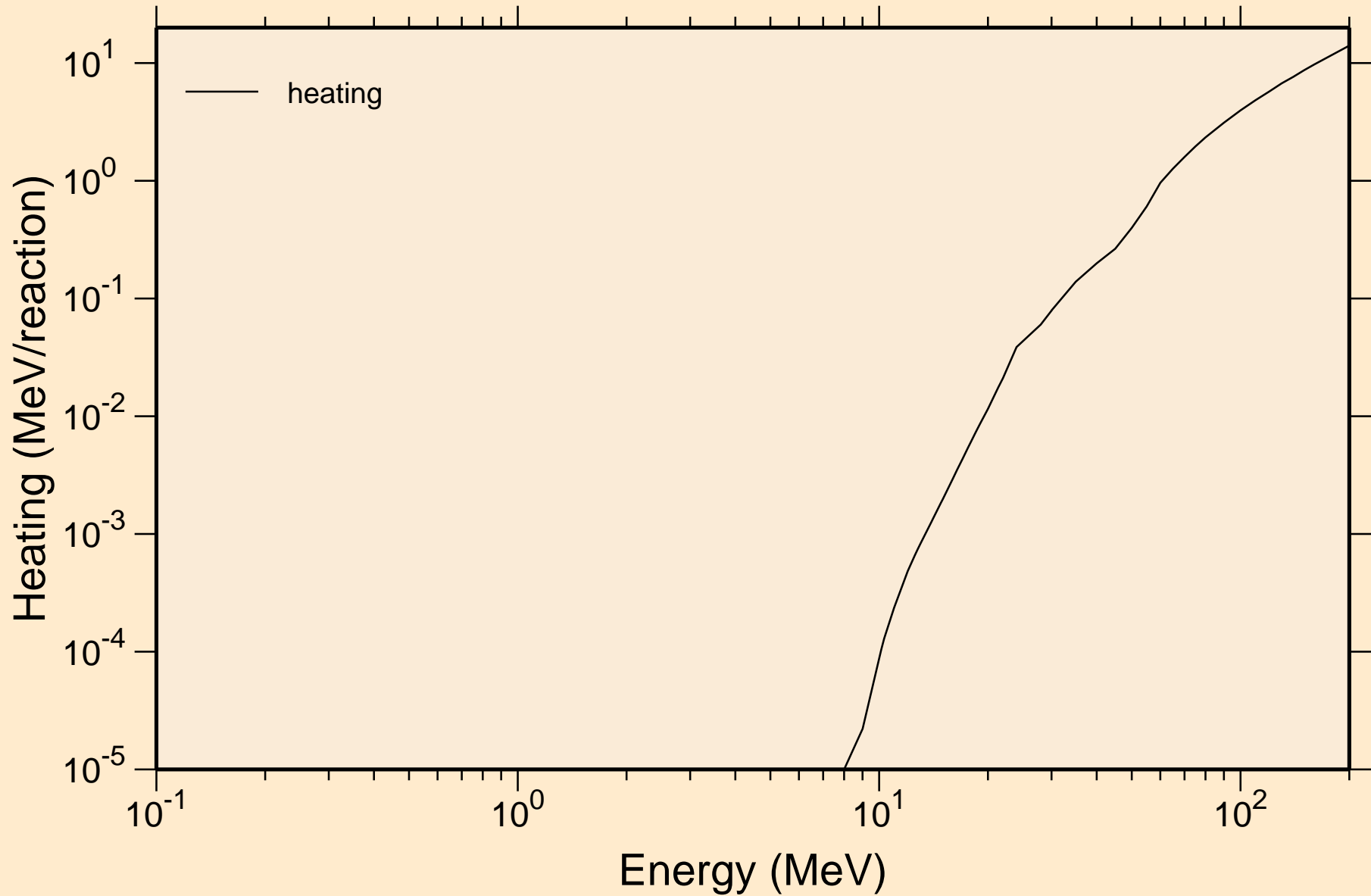


YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



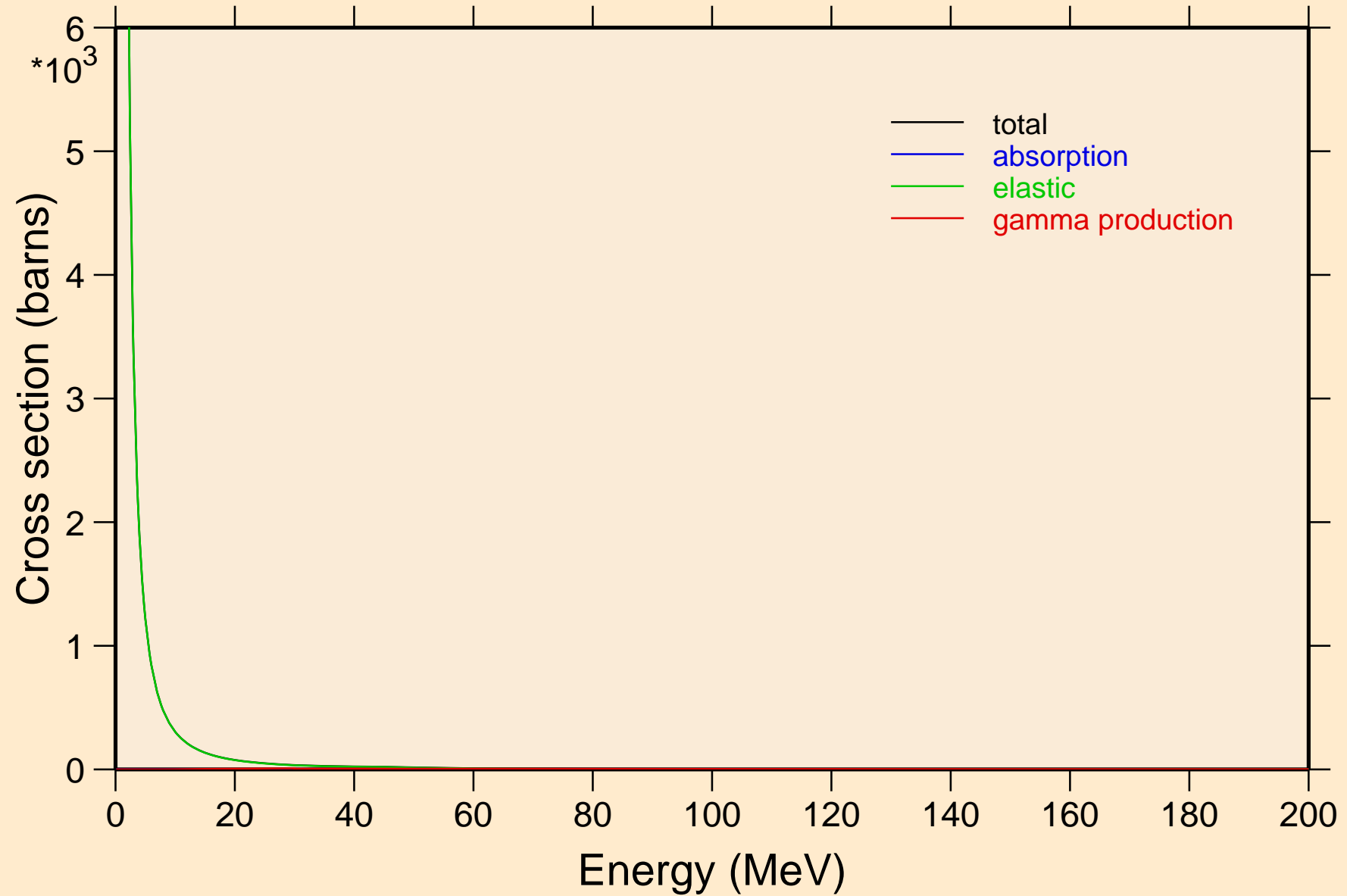
# YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



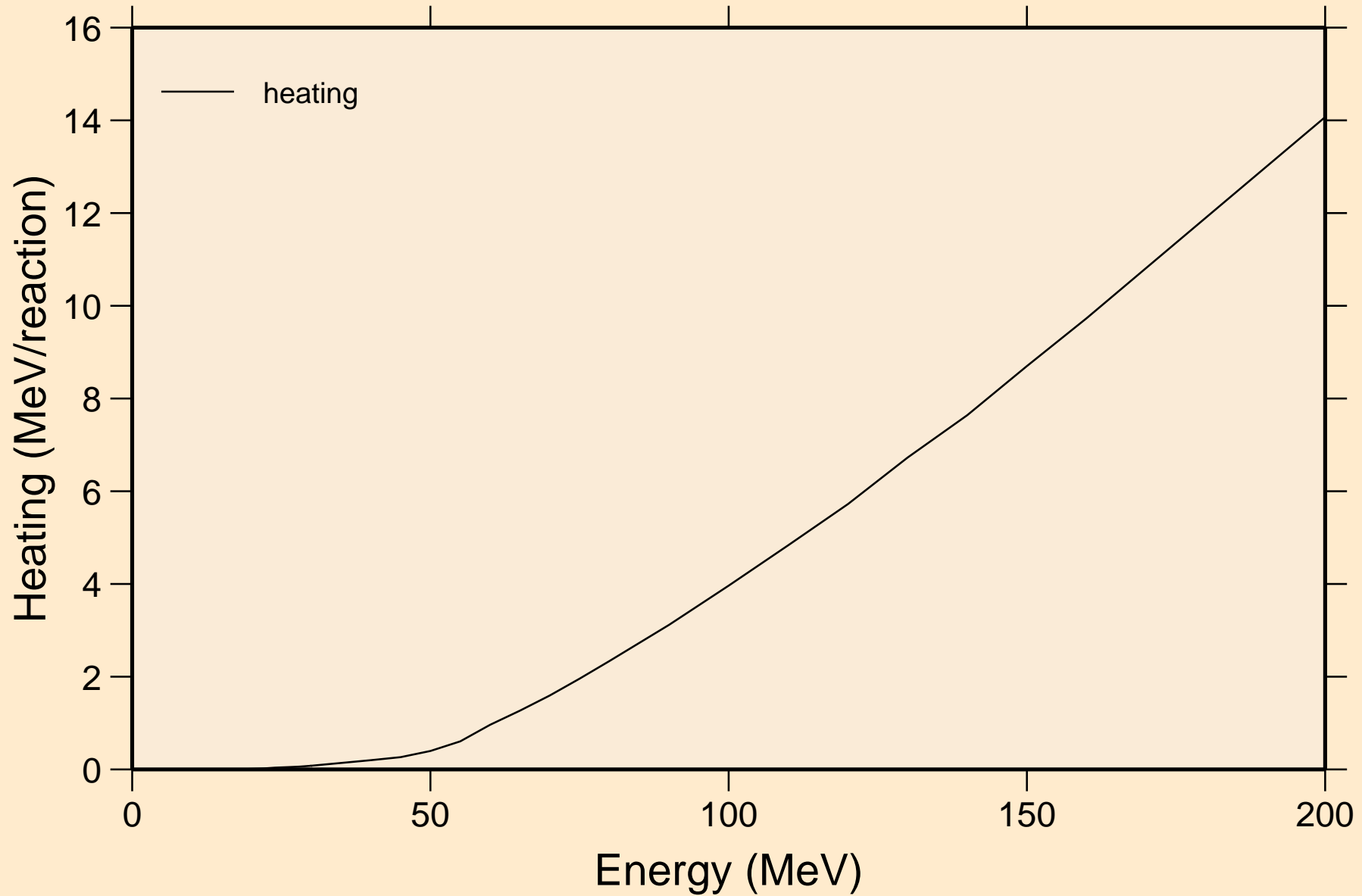
# YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



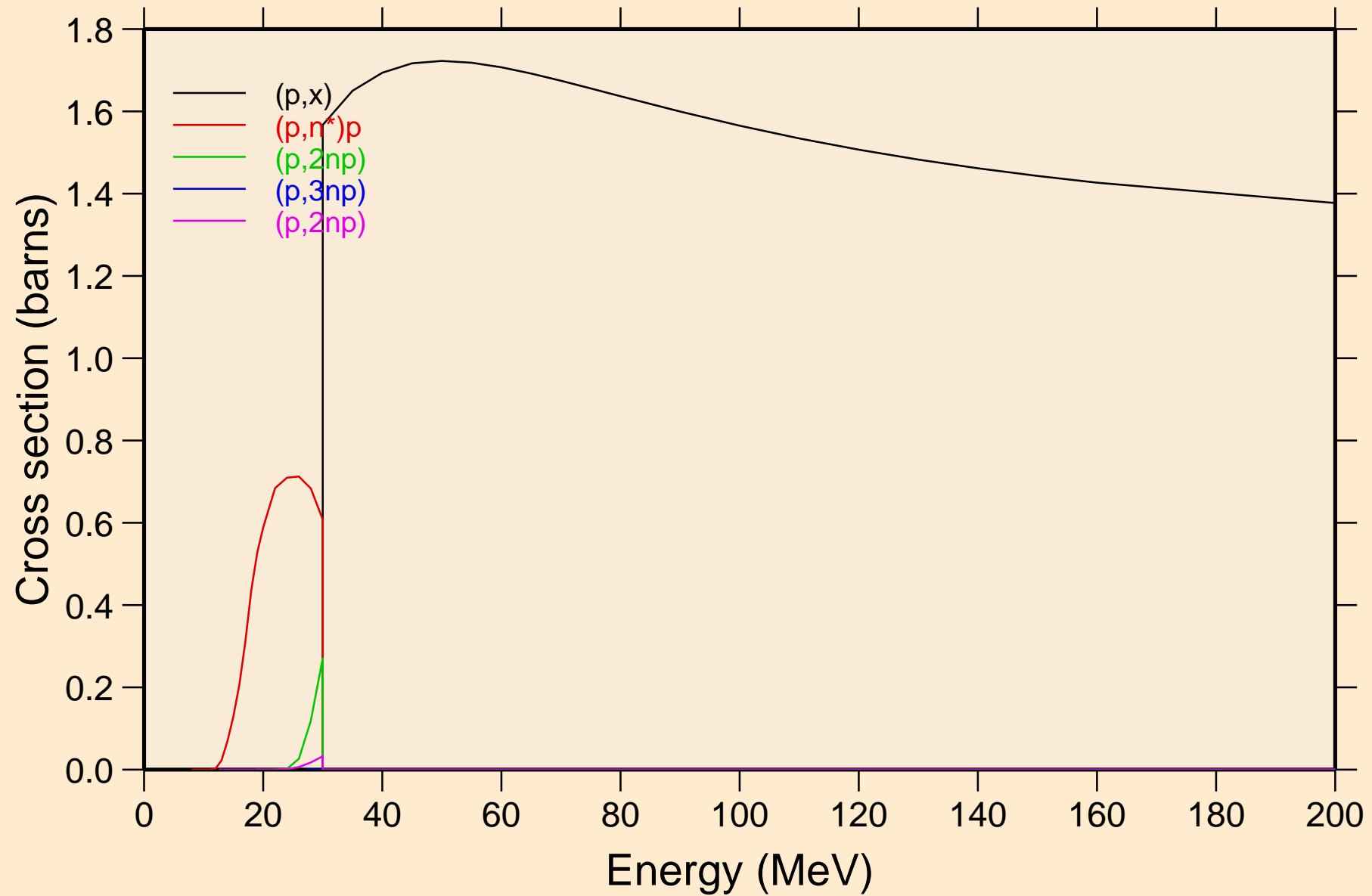
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Heating

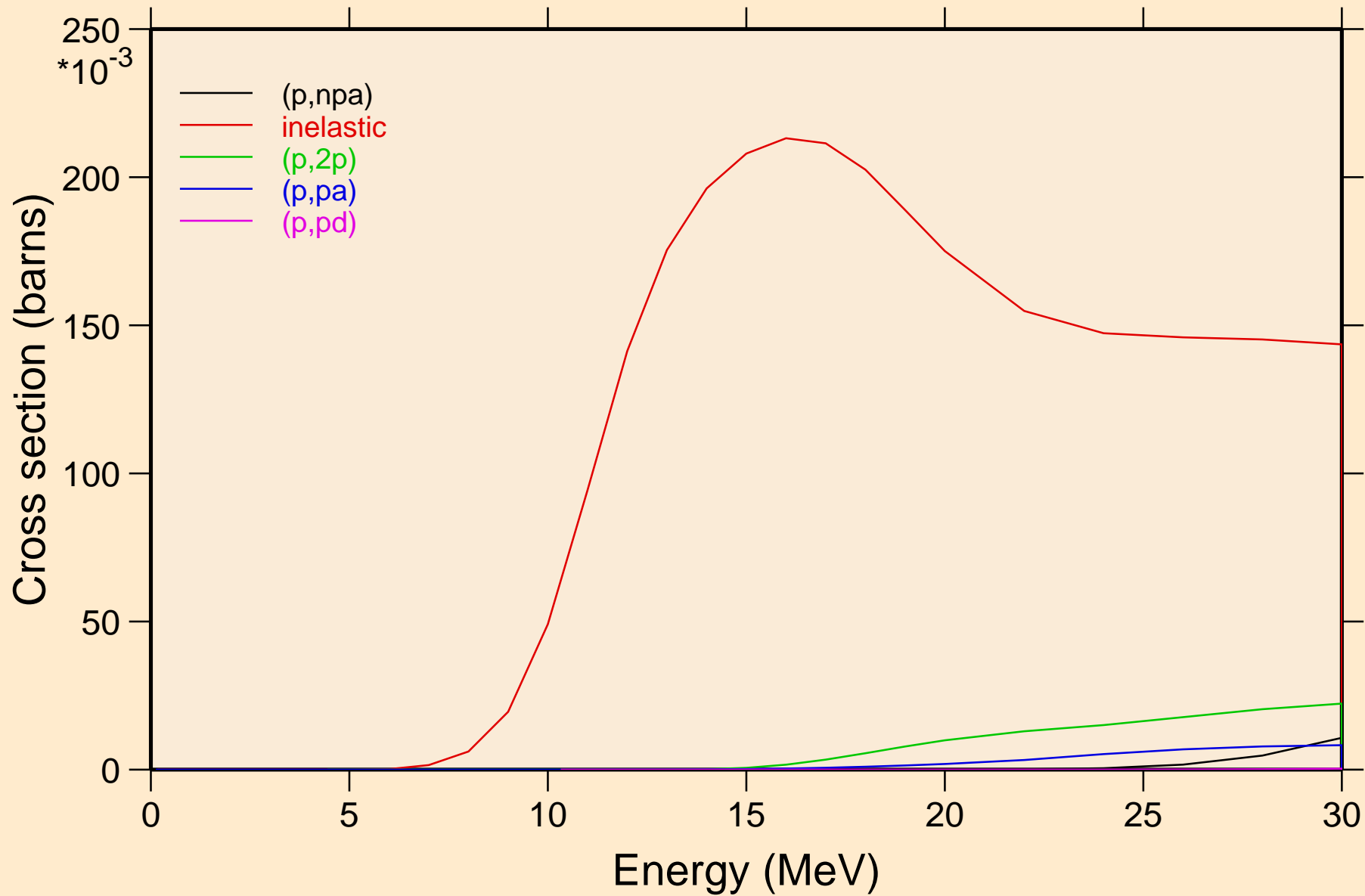


# YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

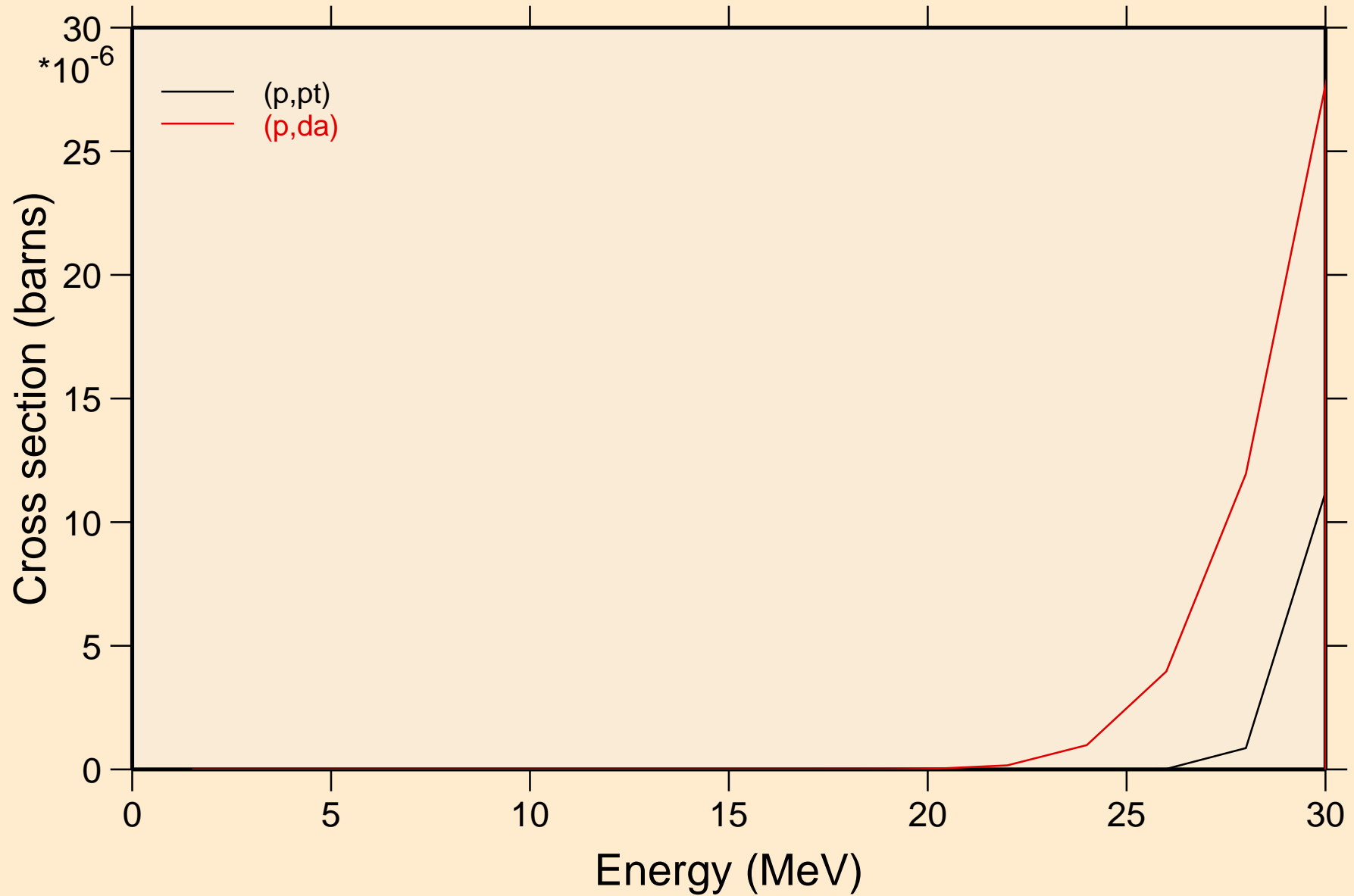
## Threshold reactions



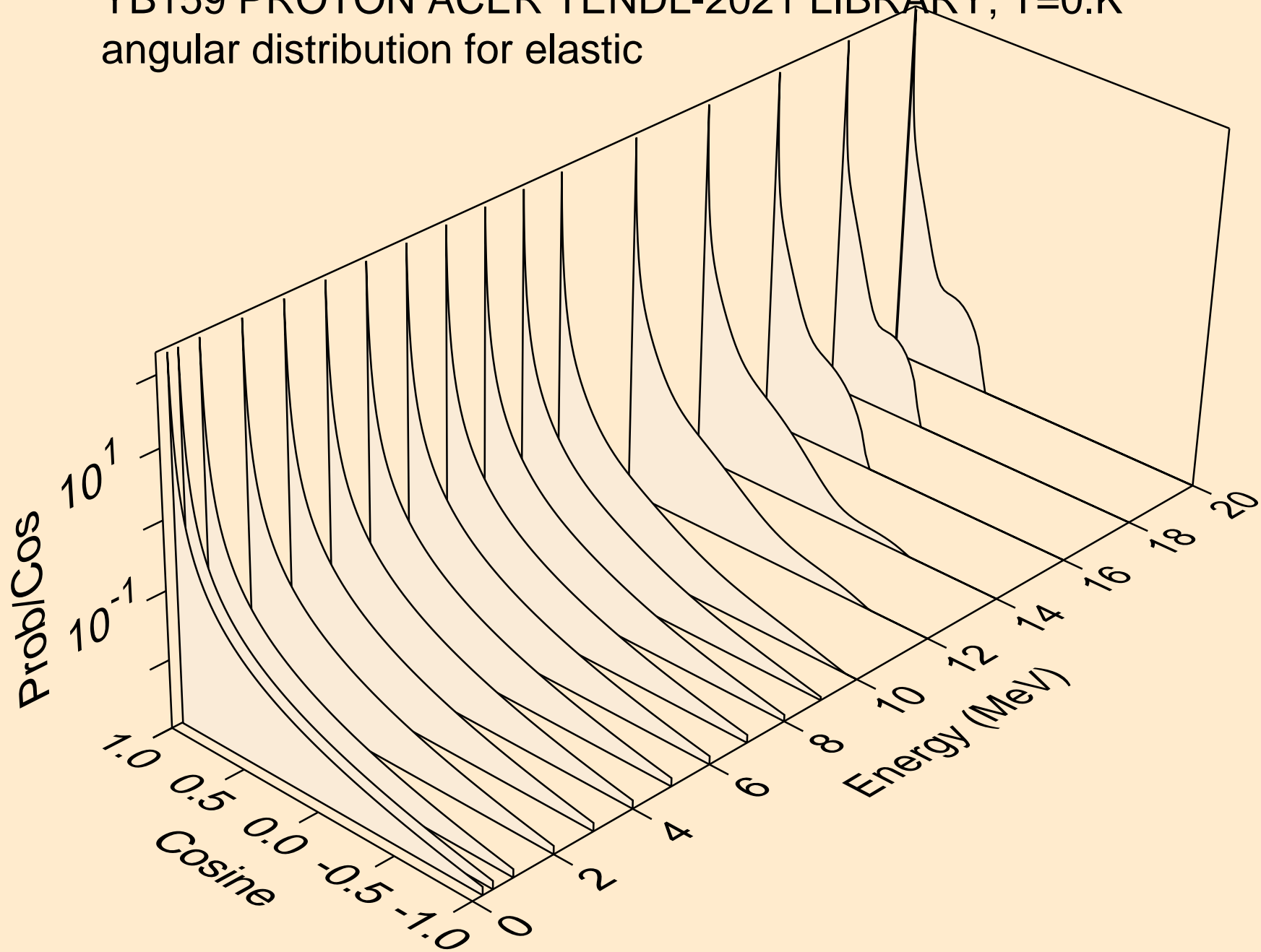
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

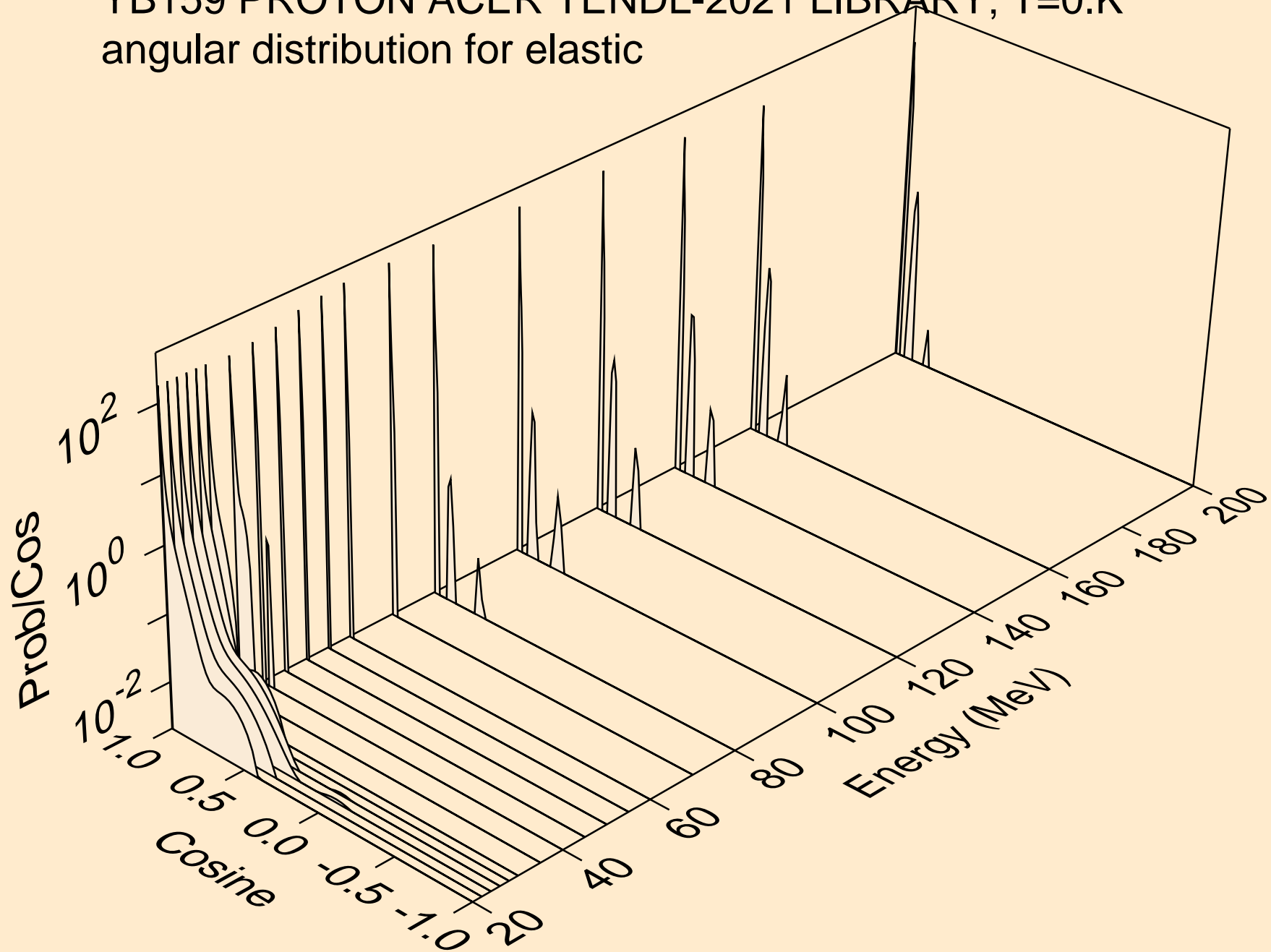


YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

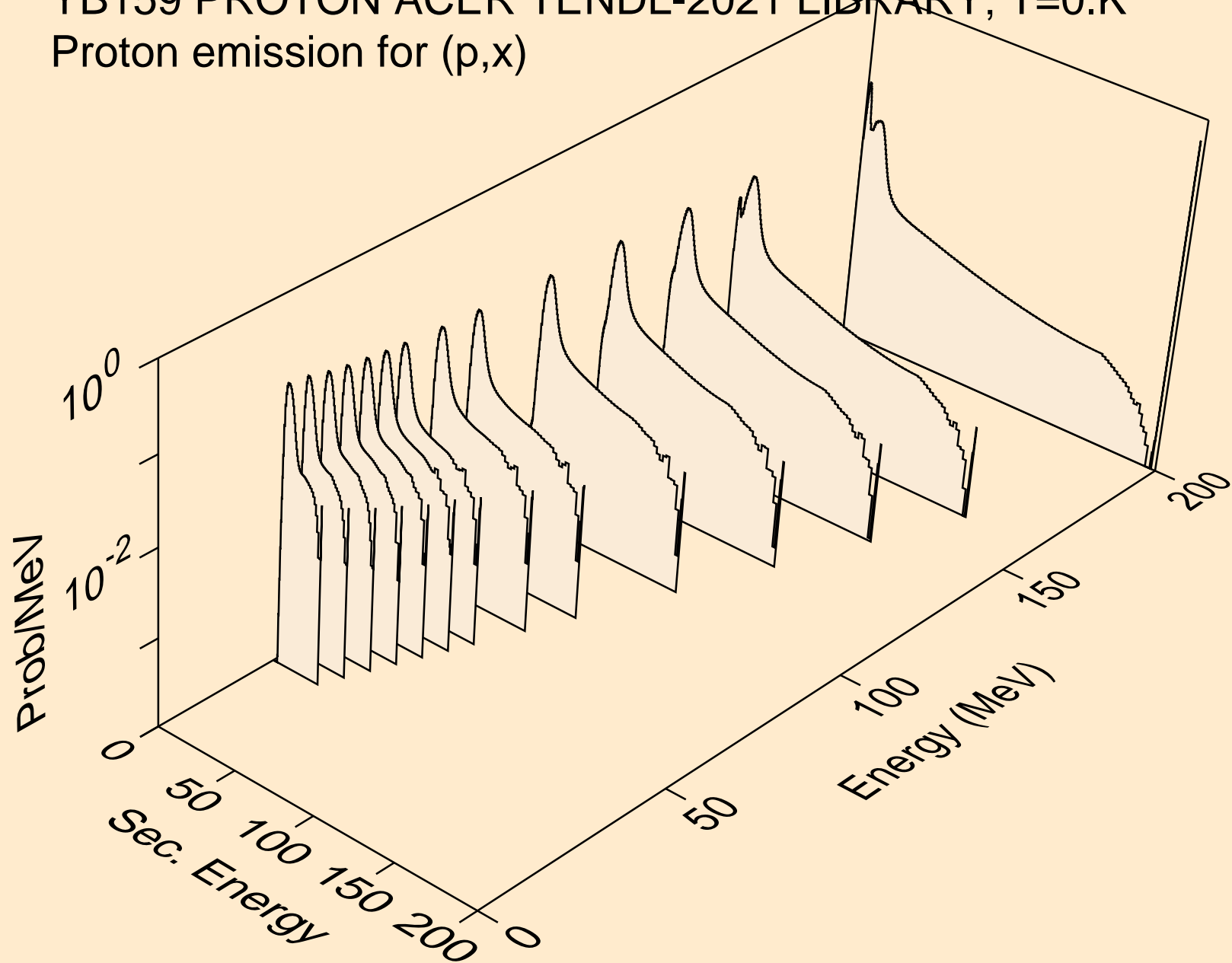




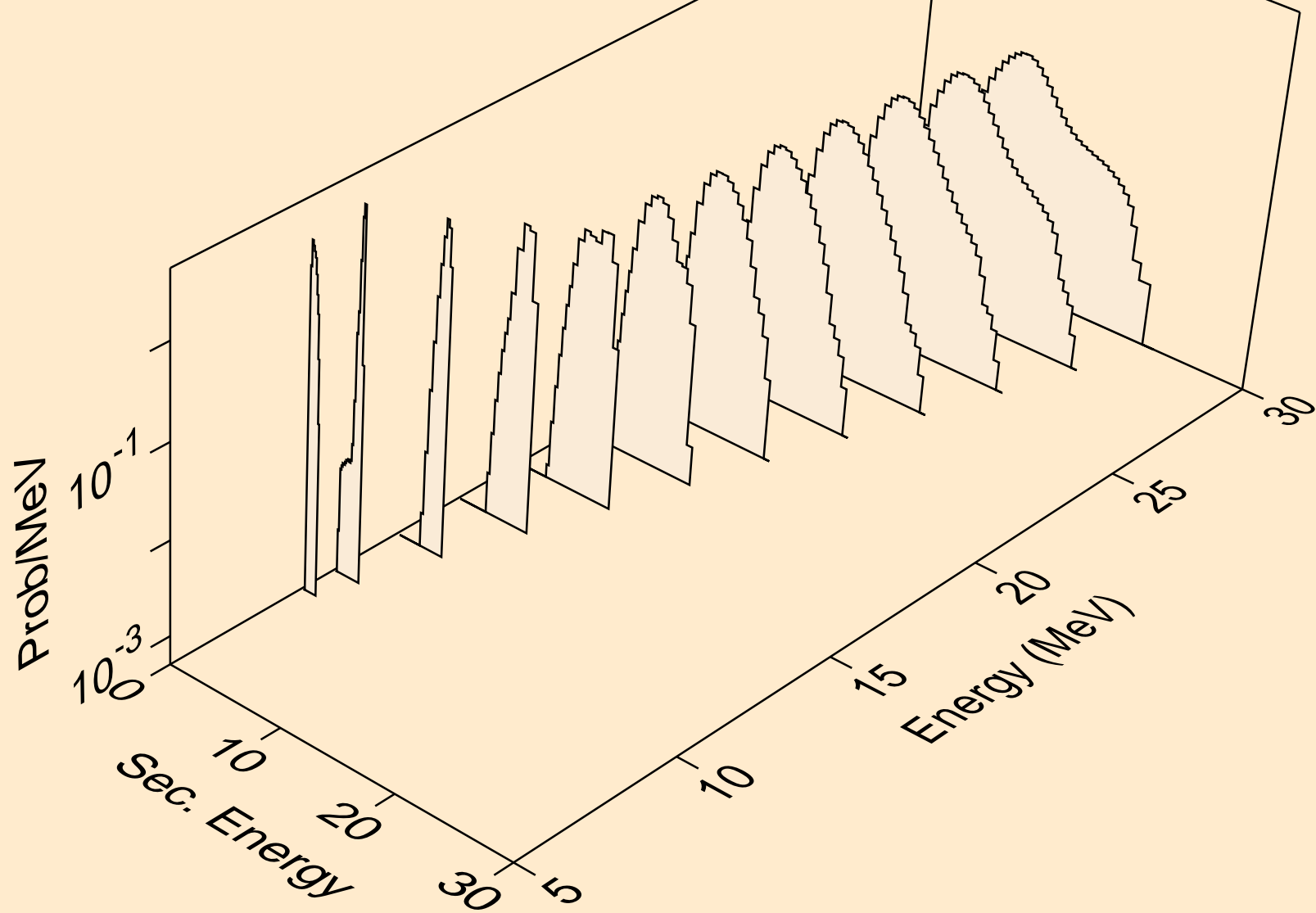
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



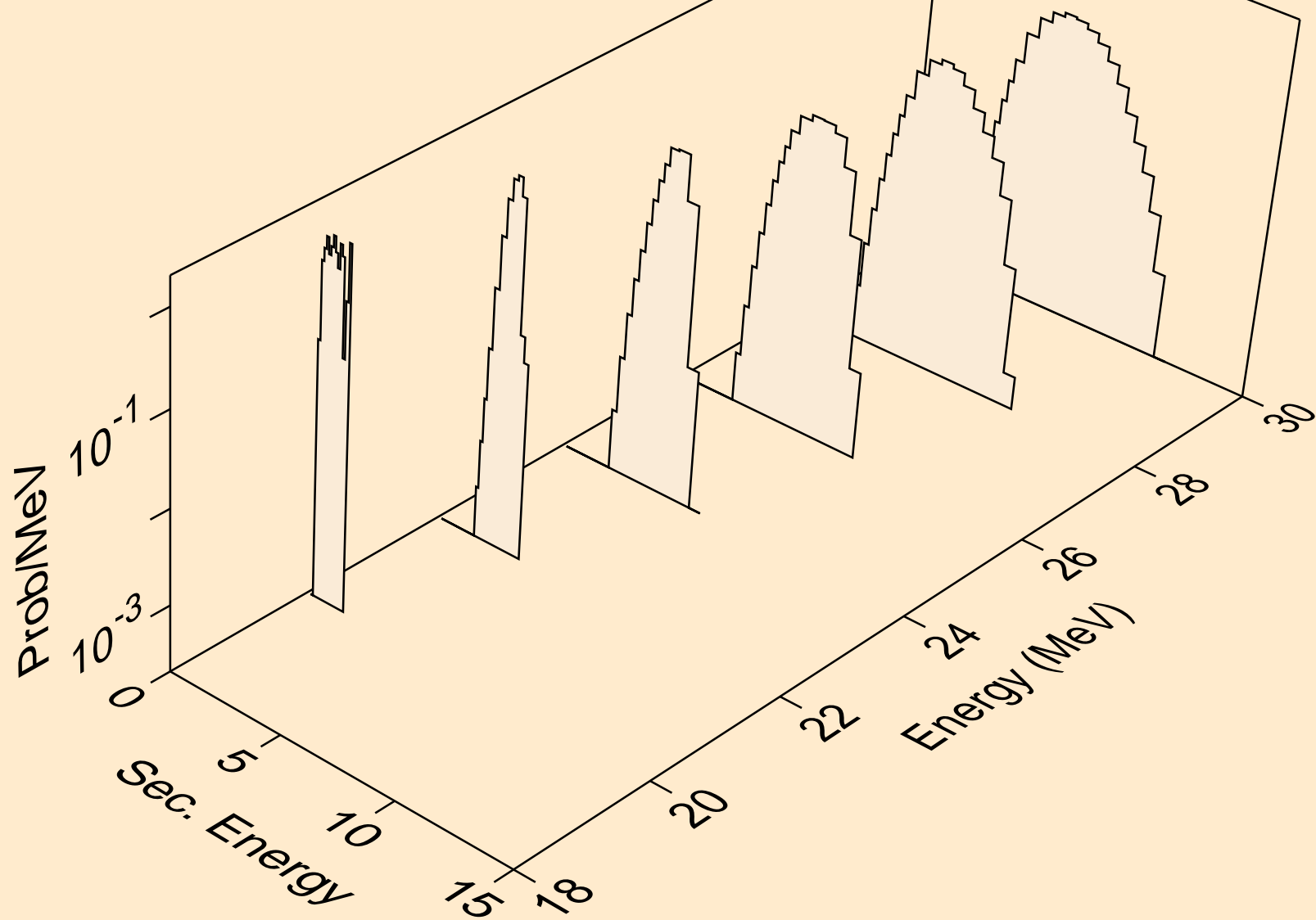
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



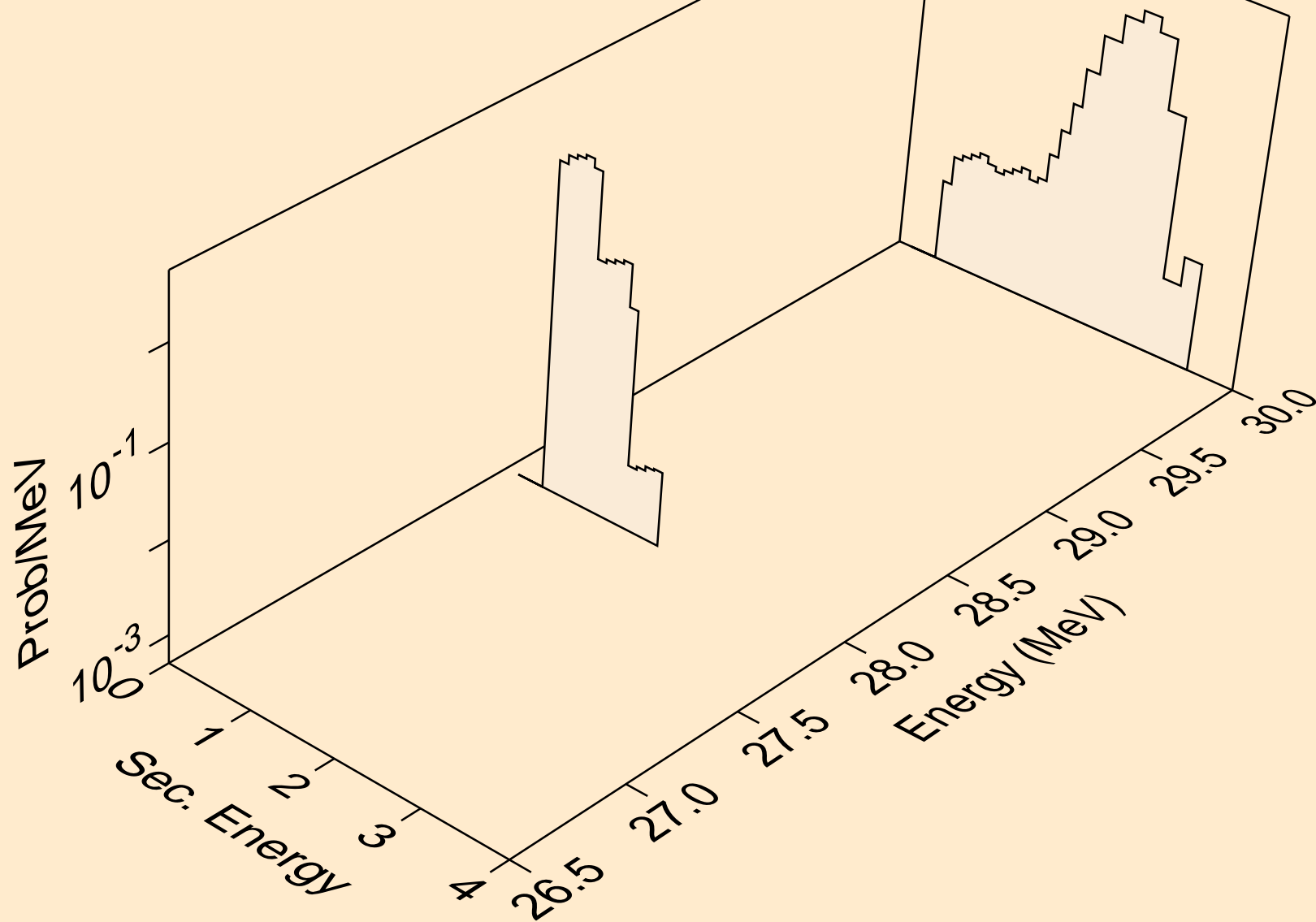
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



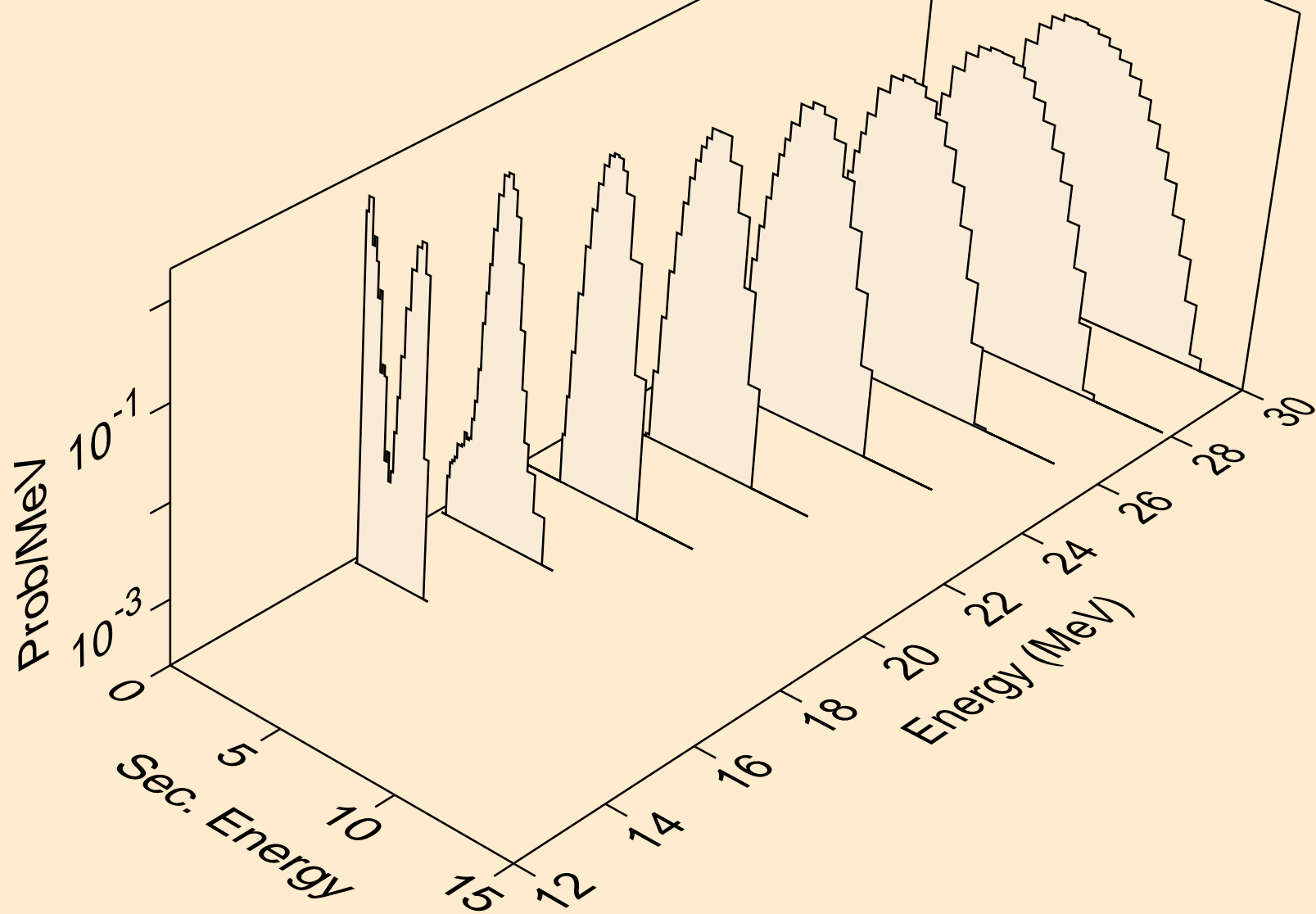
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



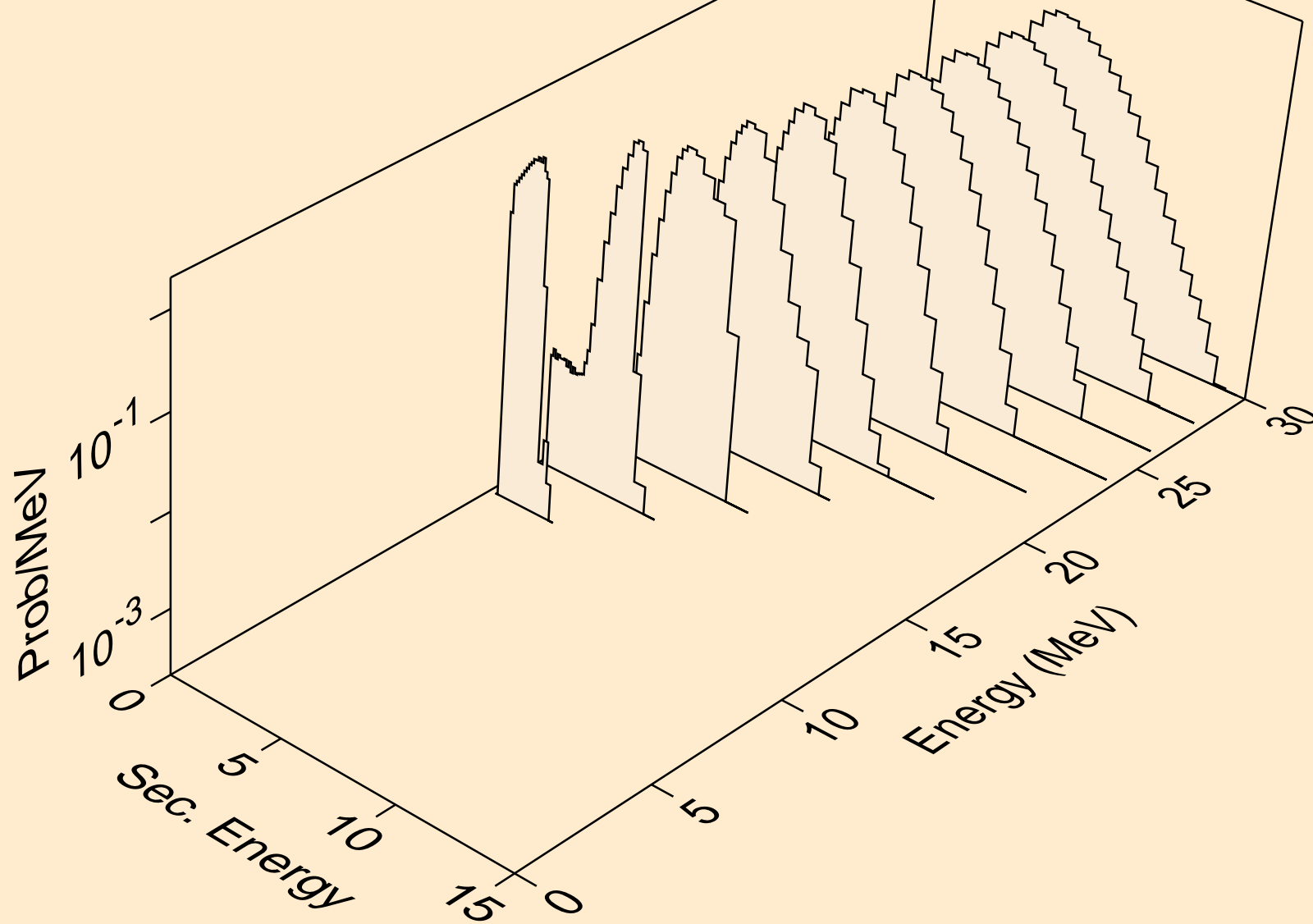
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



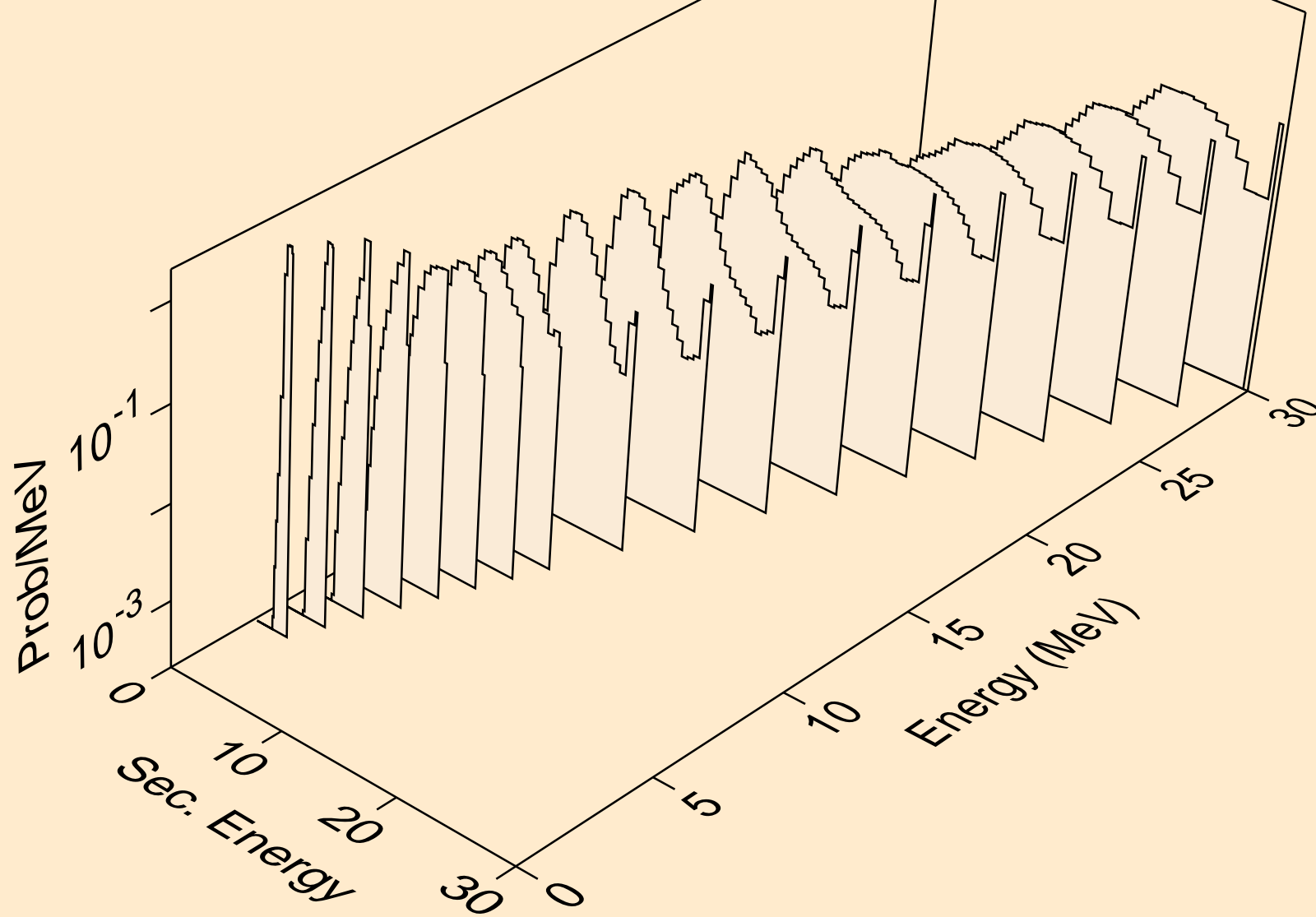
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

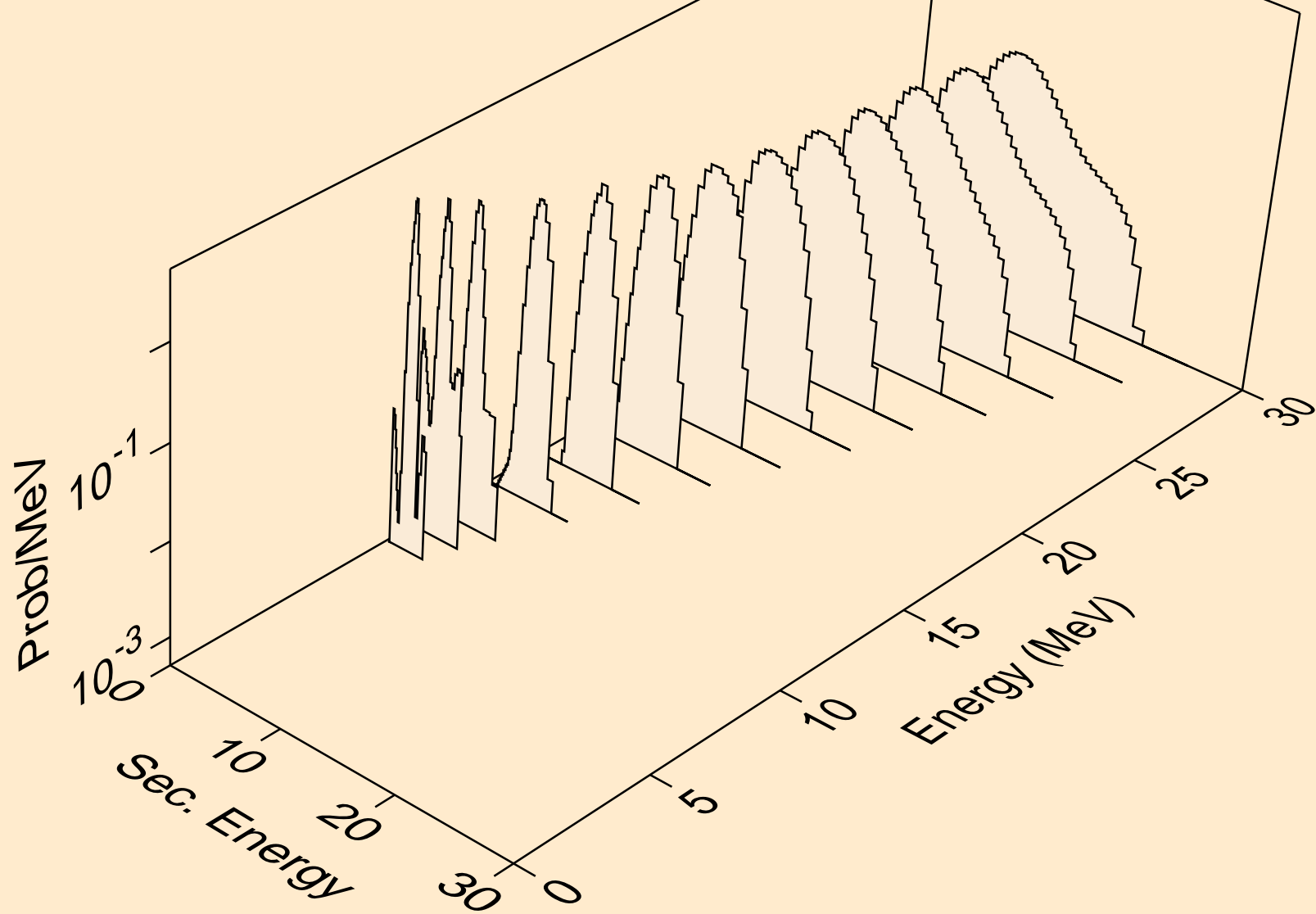


YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

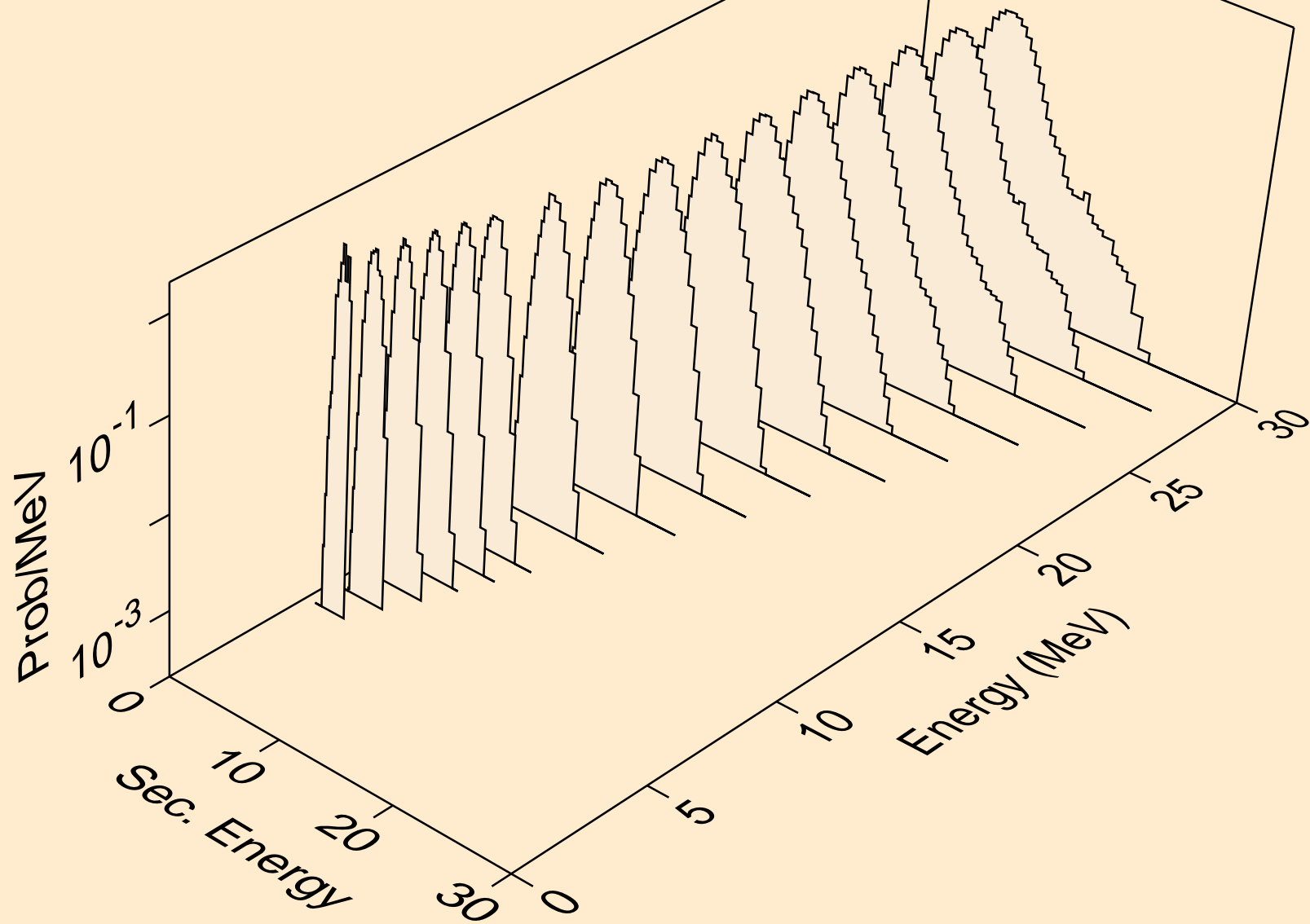




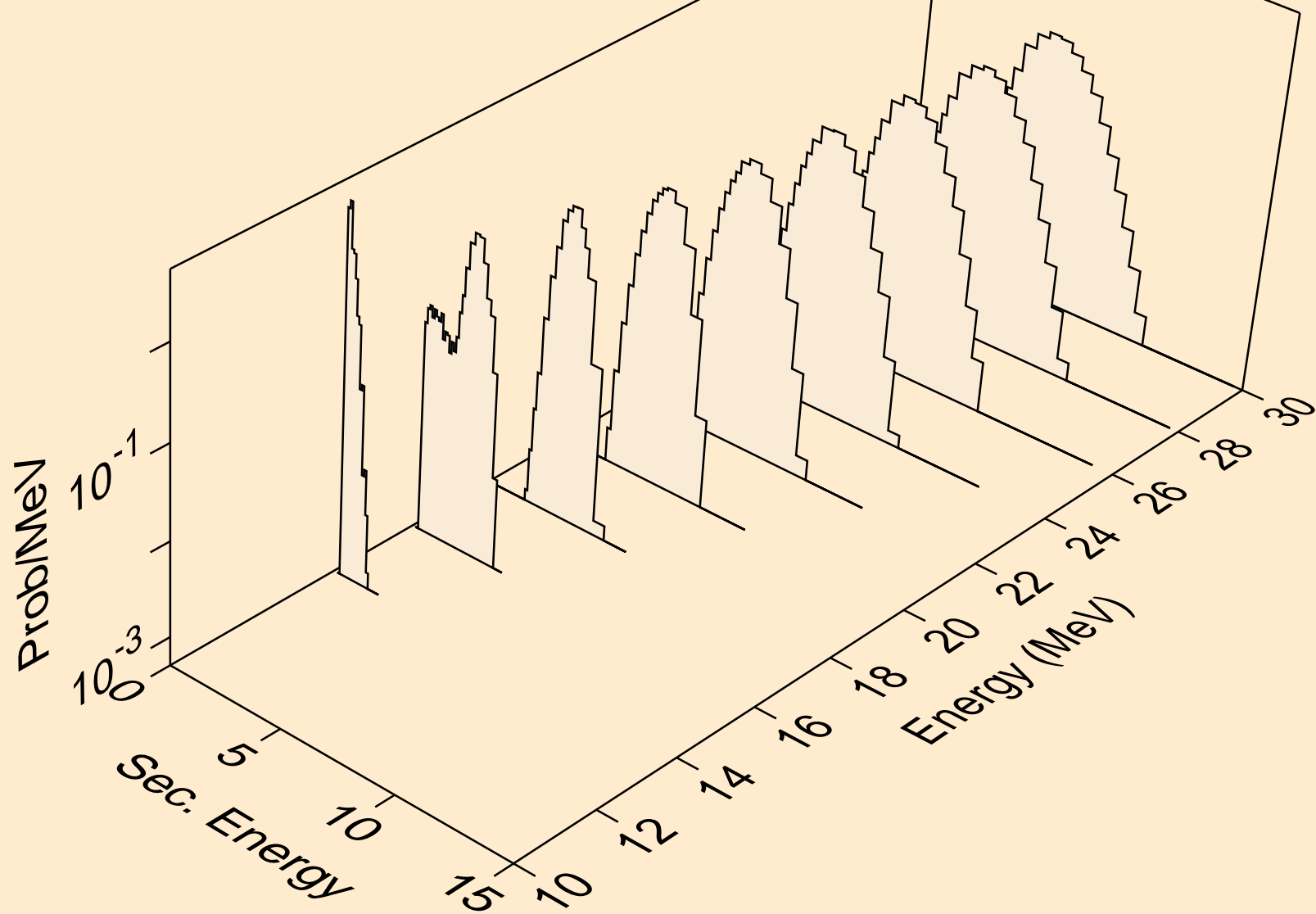
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Proton emission for (p,2p)



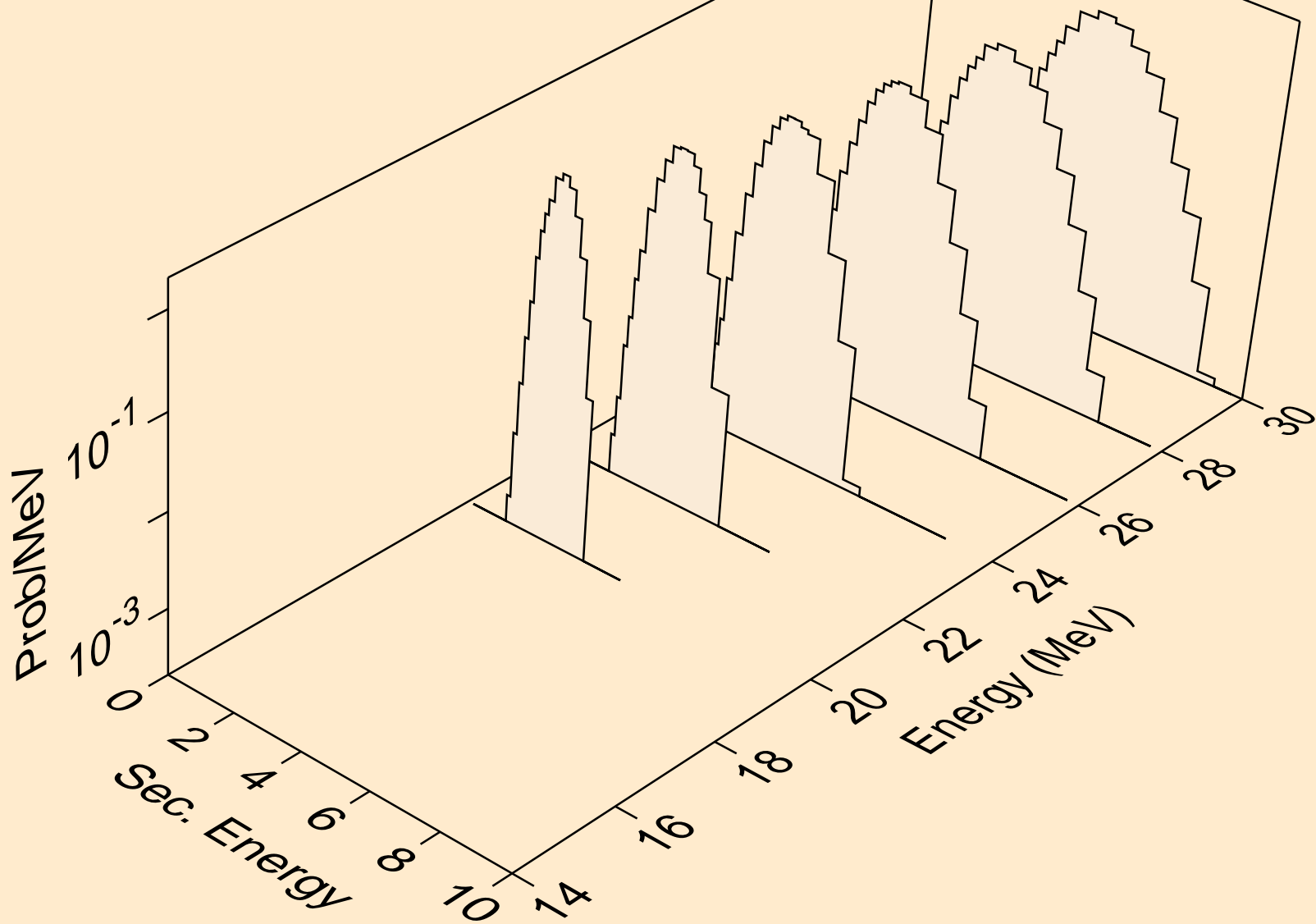
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



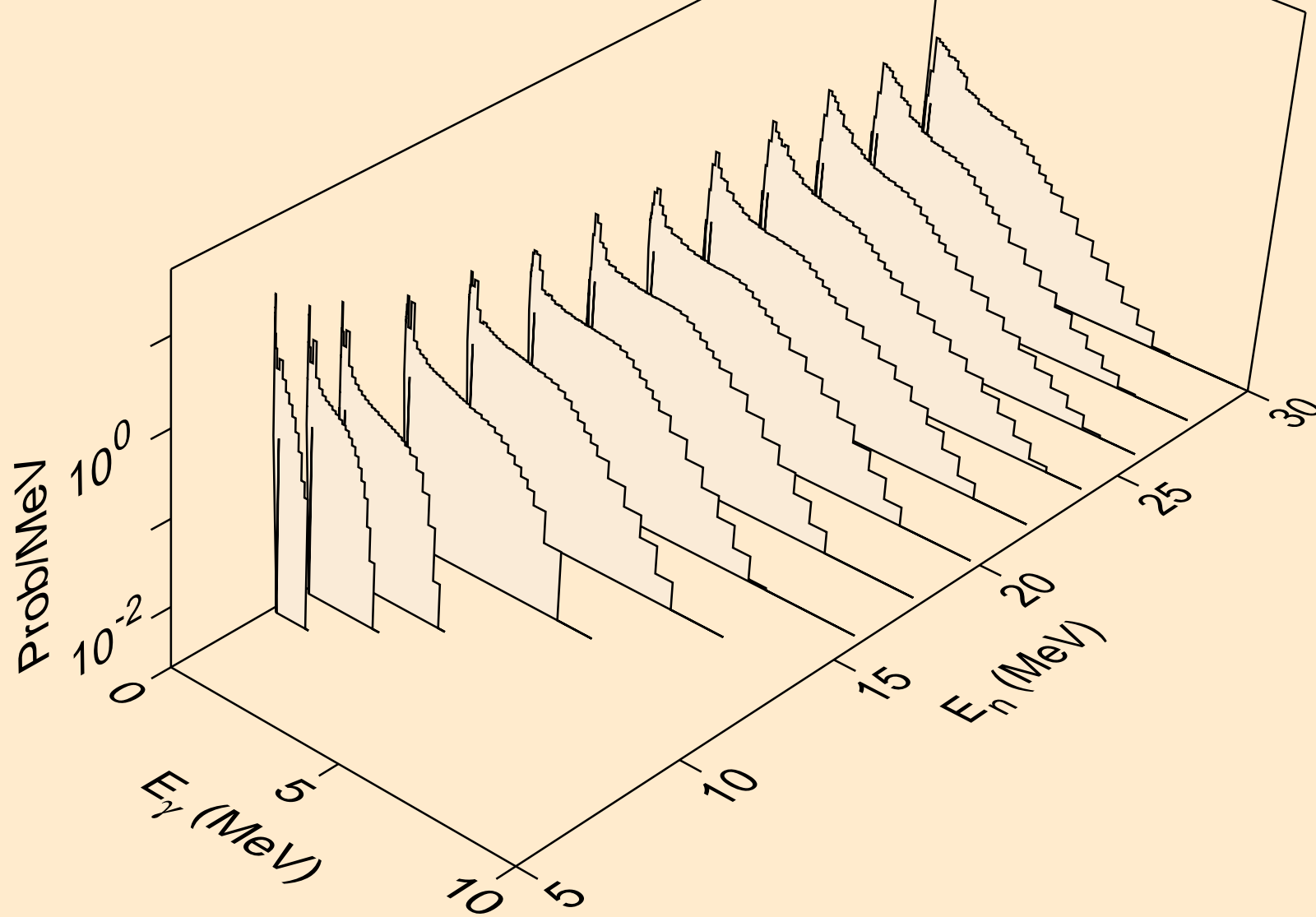
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



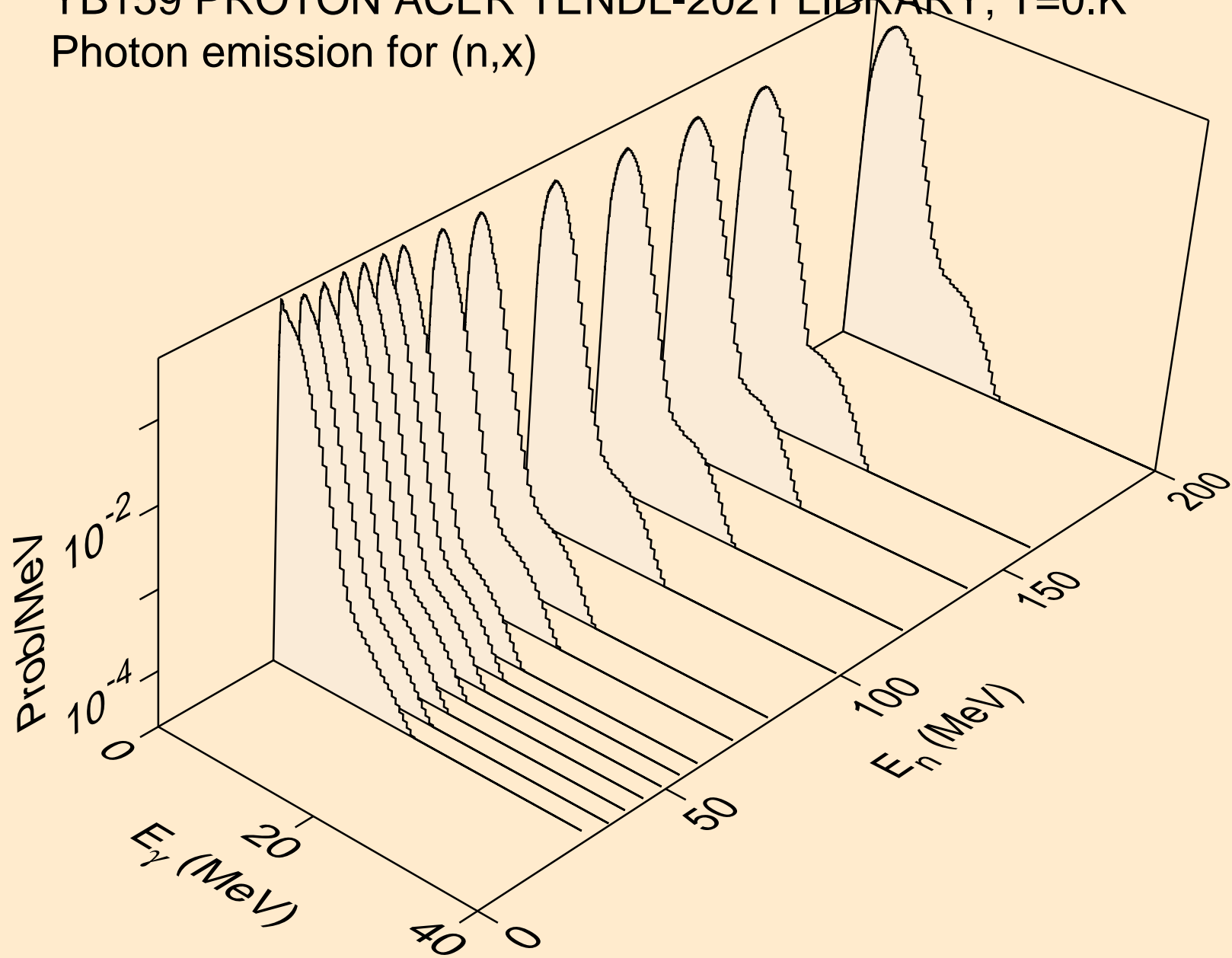
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Proton emission for (p,pt)



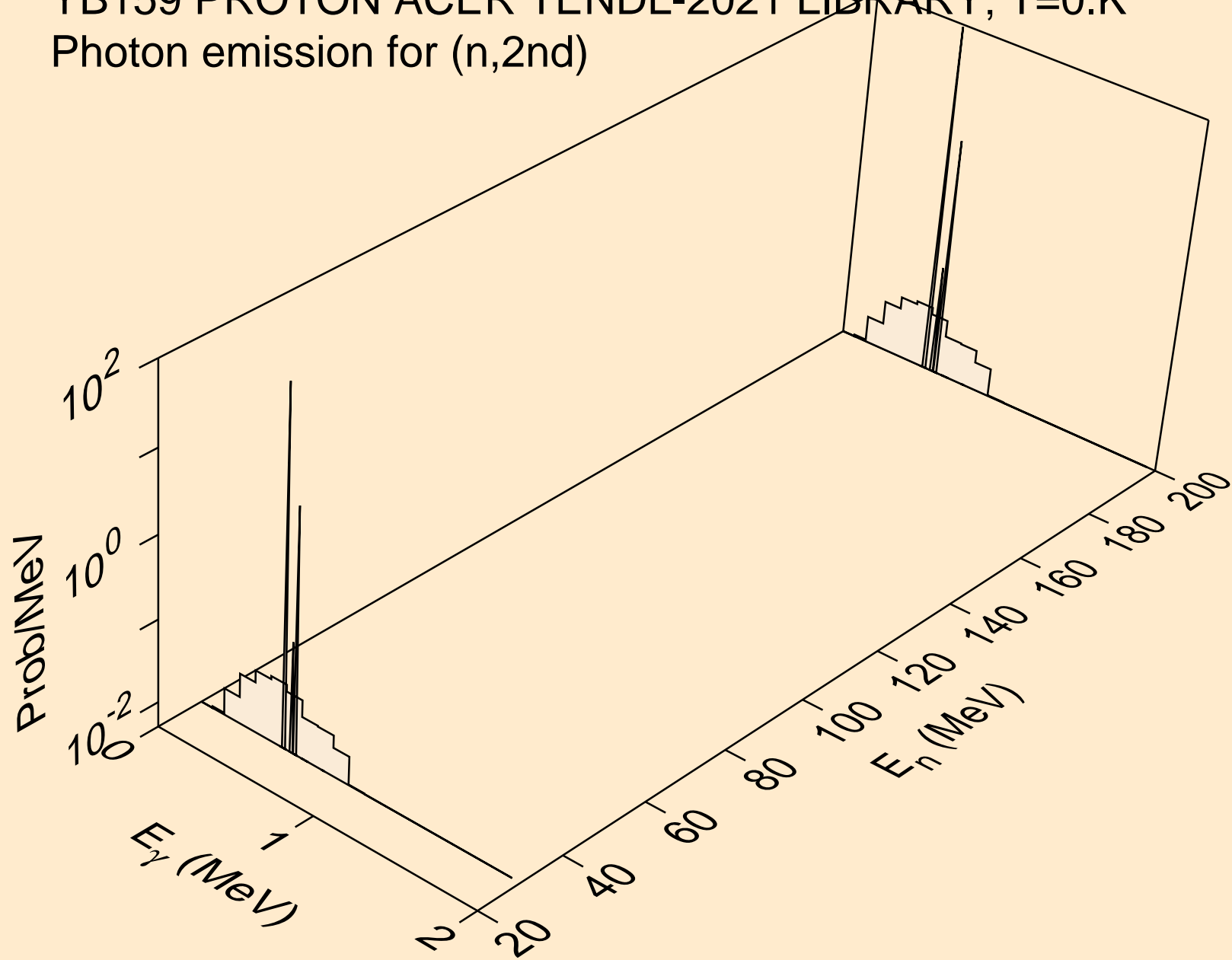
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Photon emission for (z,n)



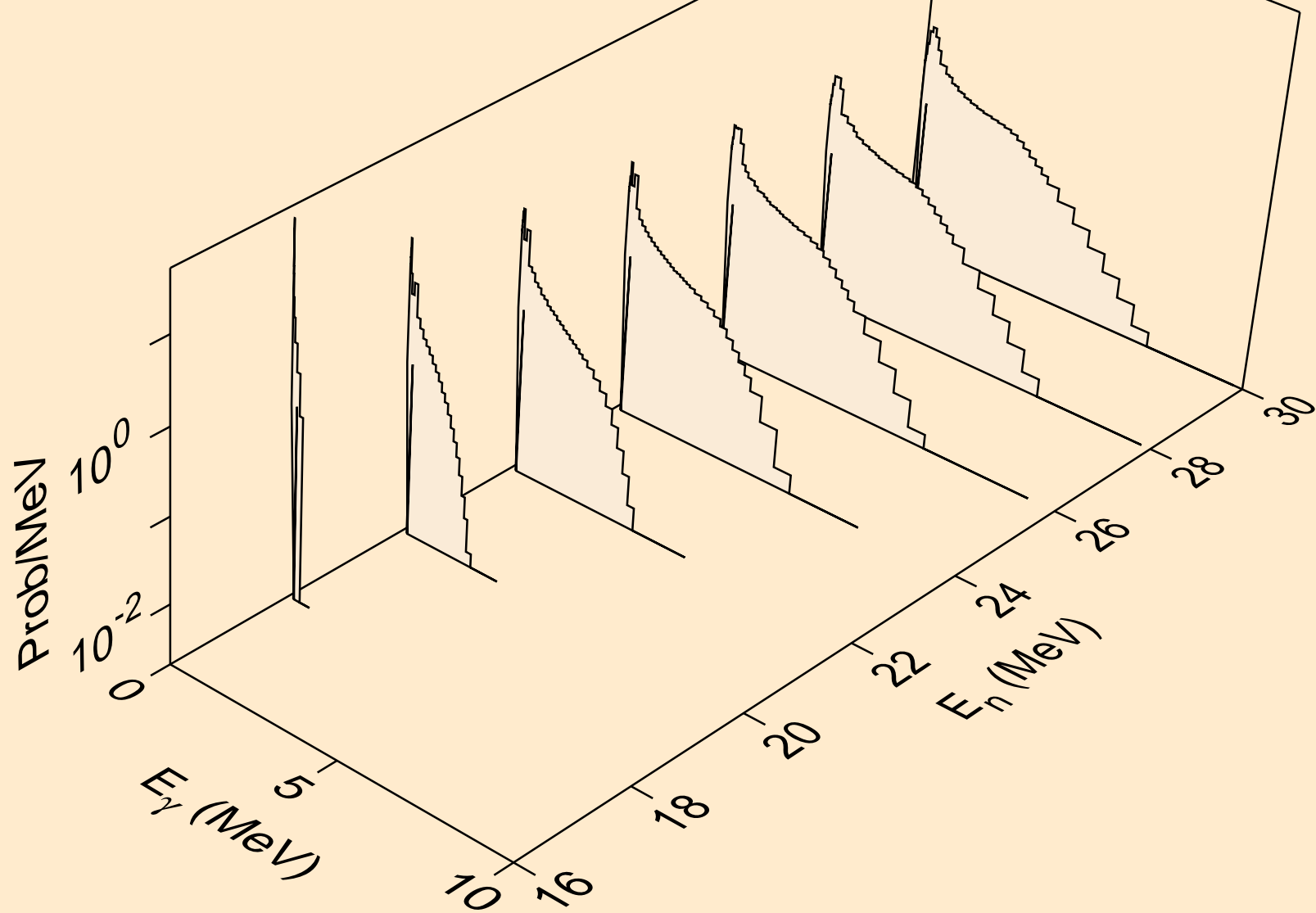
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

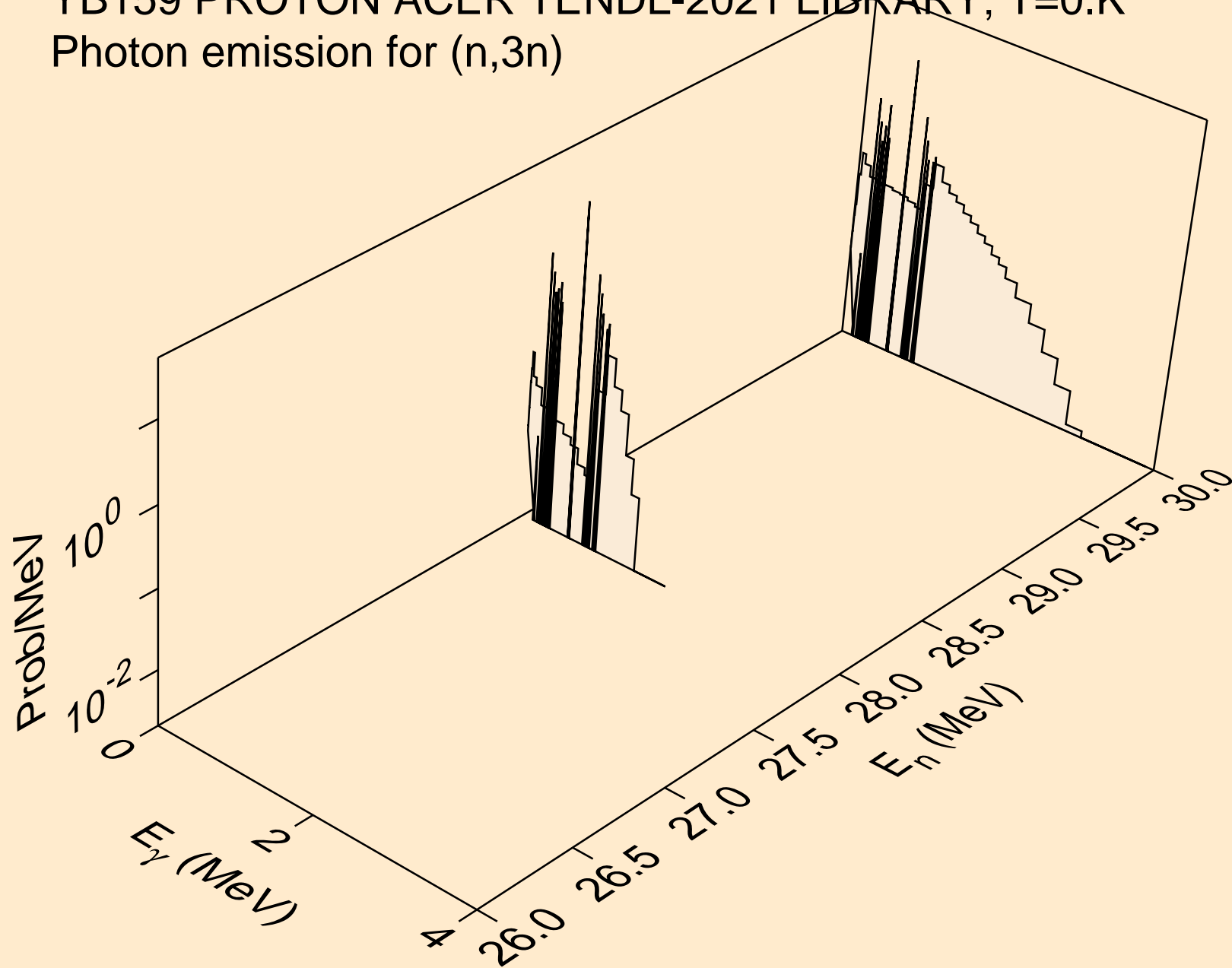


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Photon emission for (n,2n)

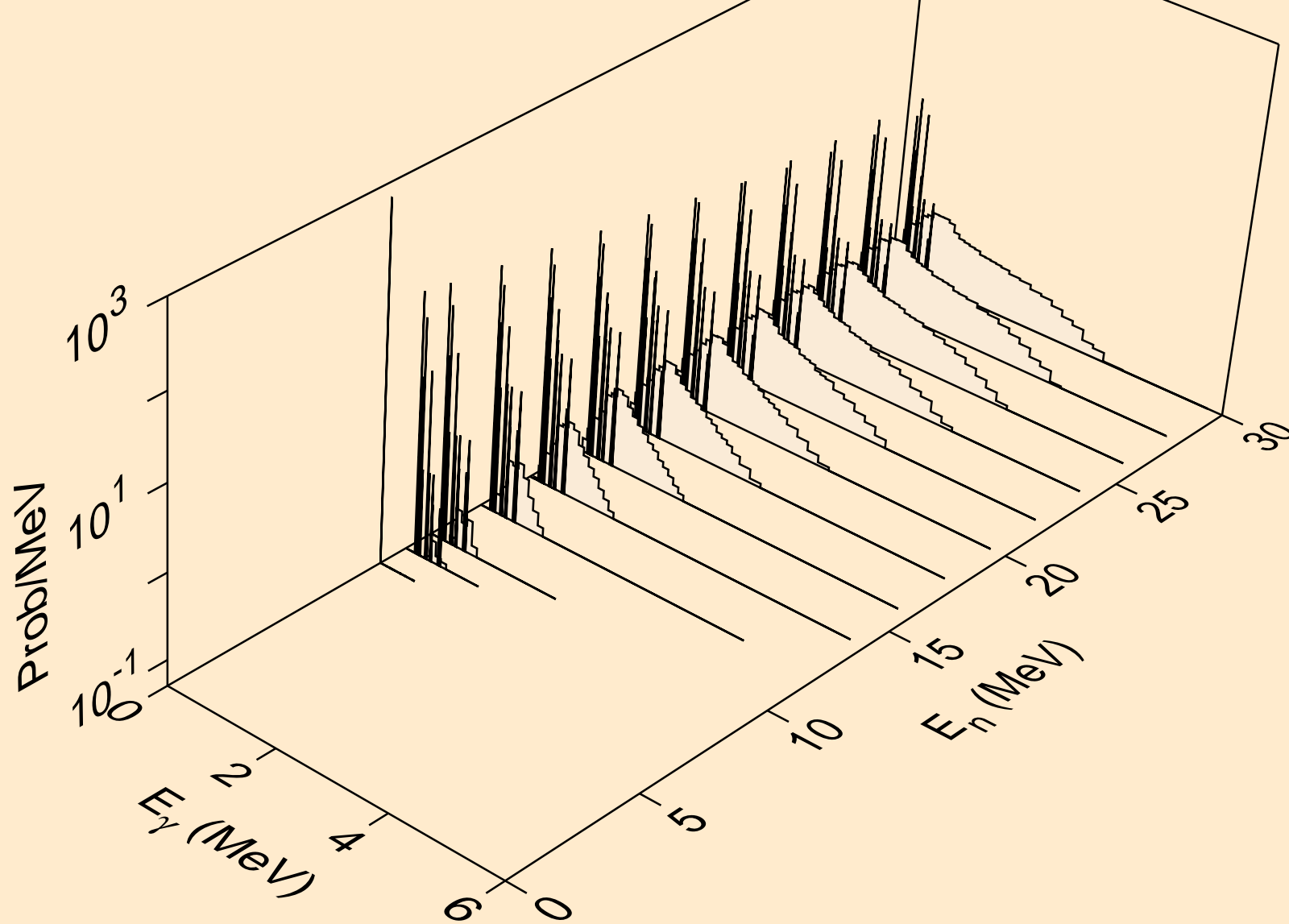




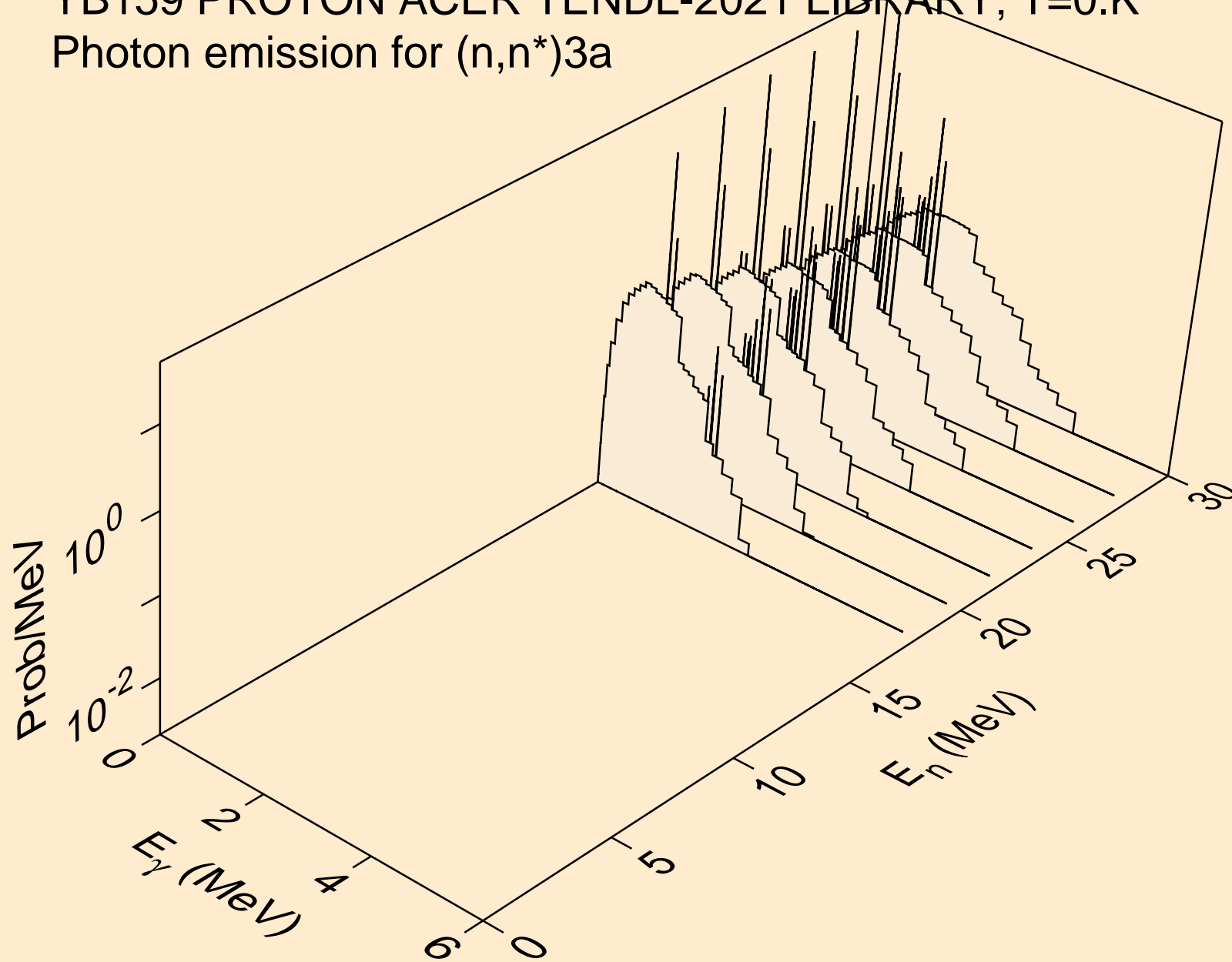
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Photon emission for (n,3n)



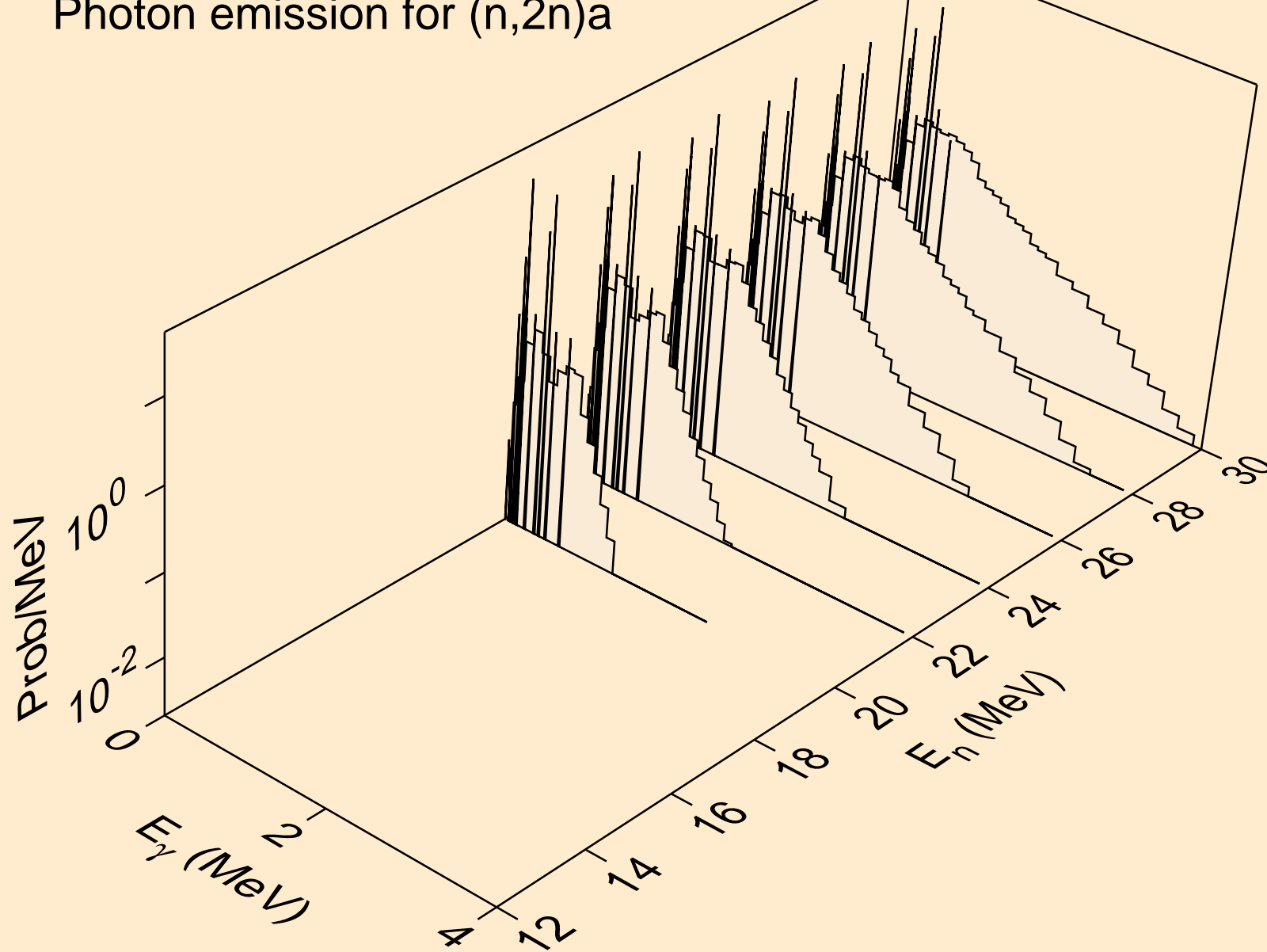
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

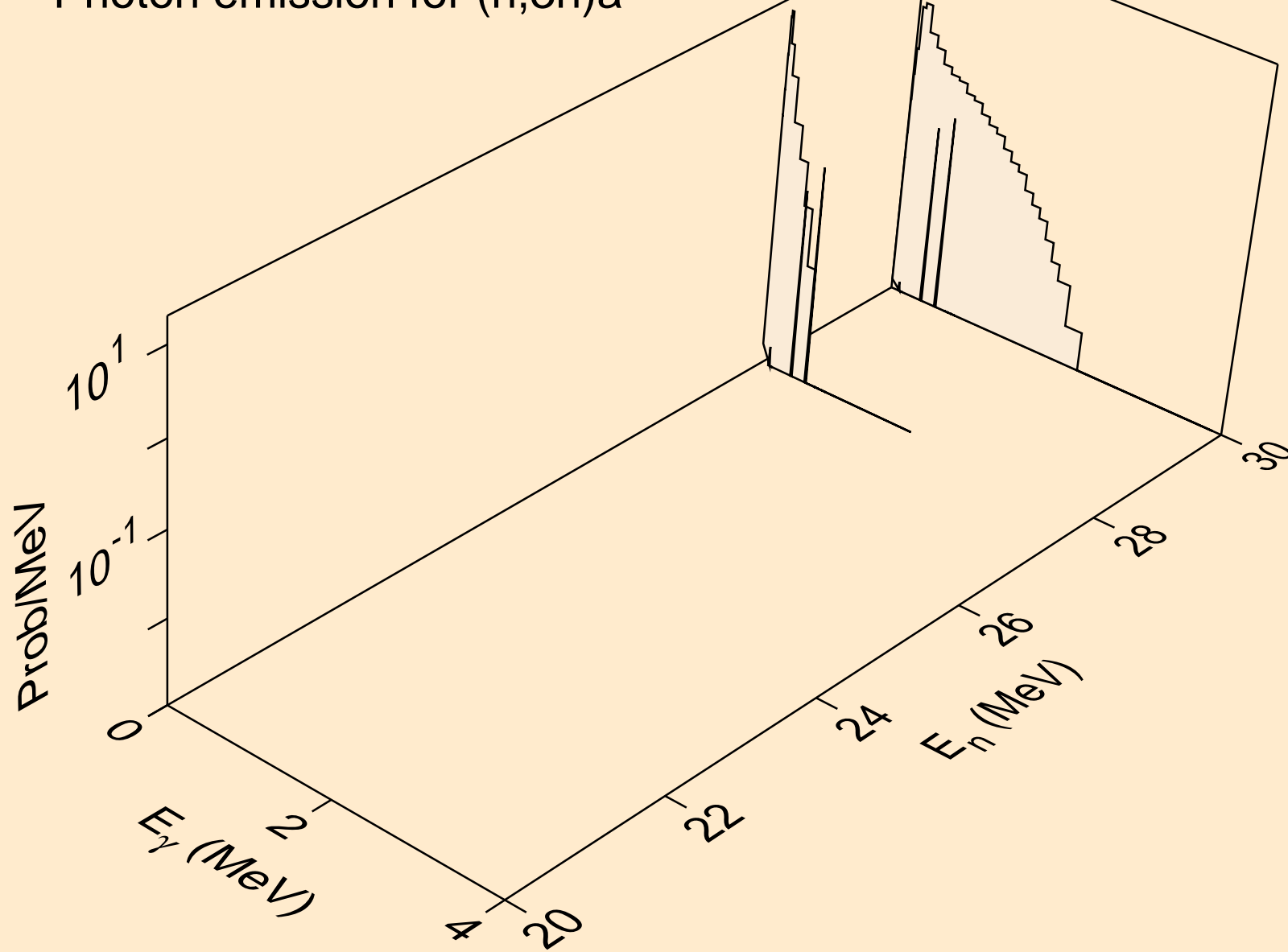


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Photon emission for (n,2n)a

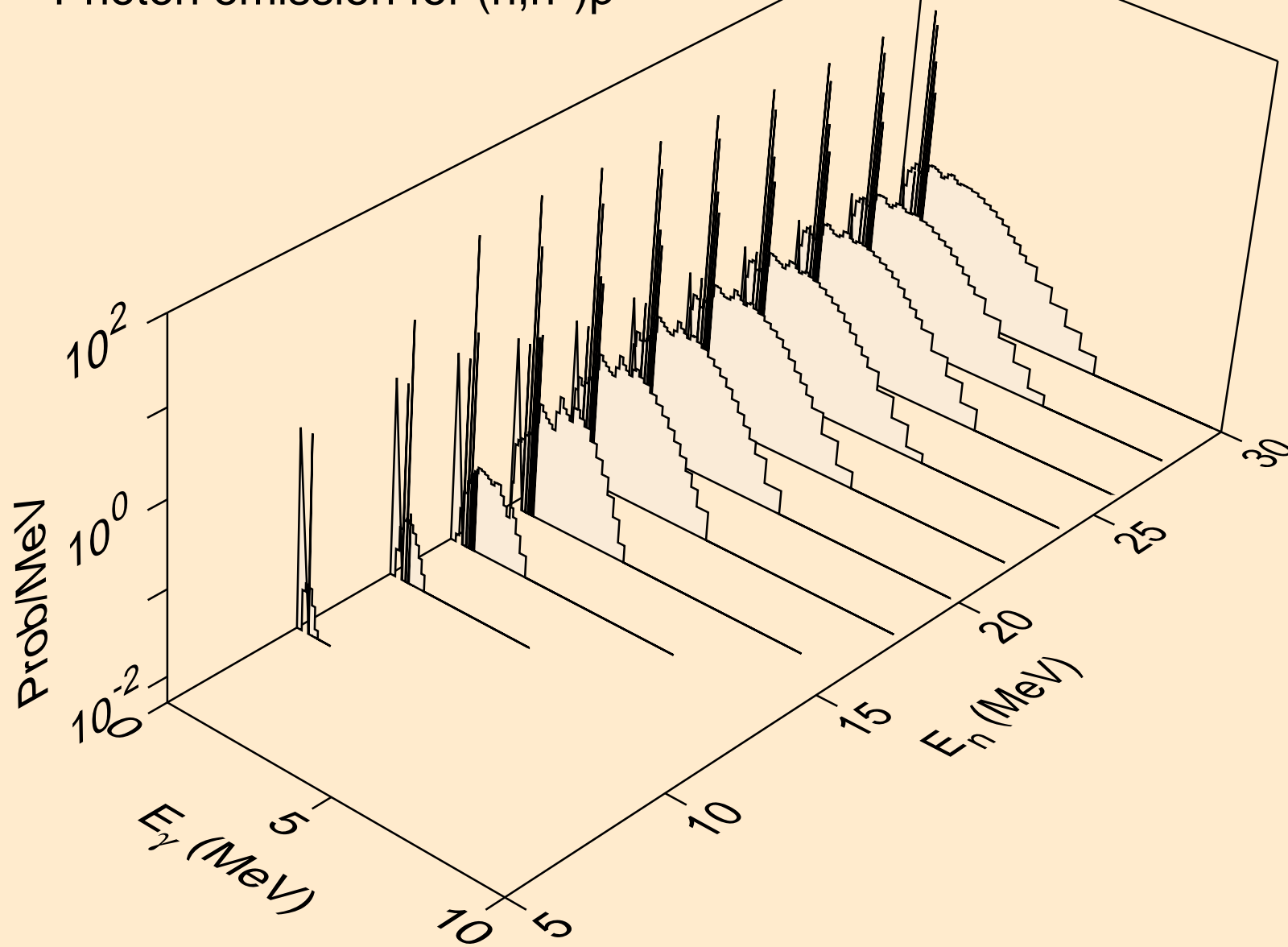


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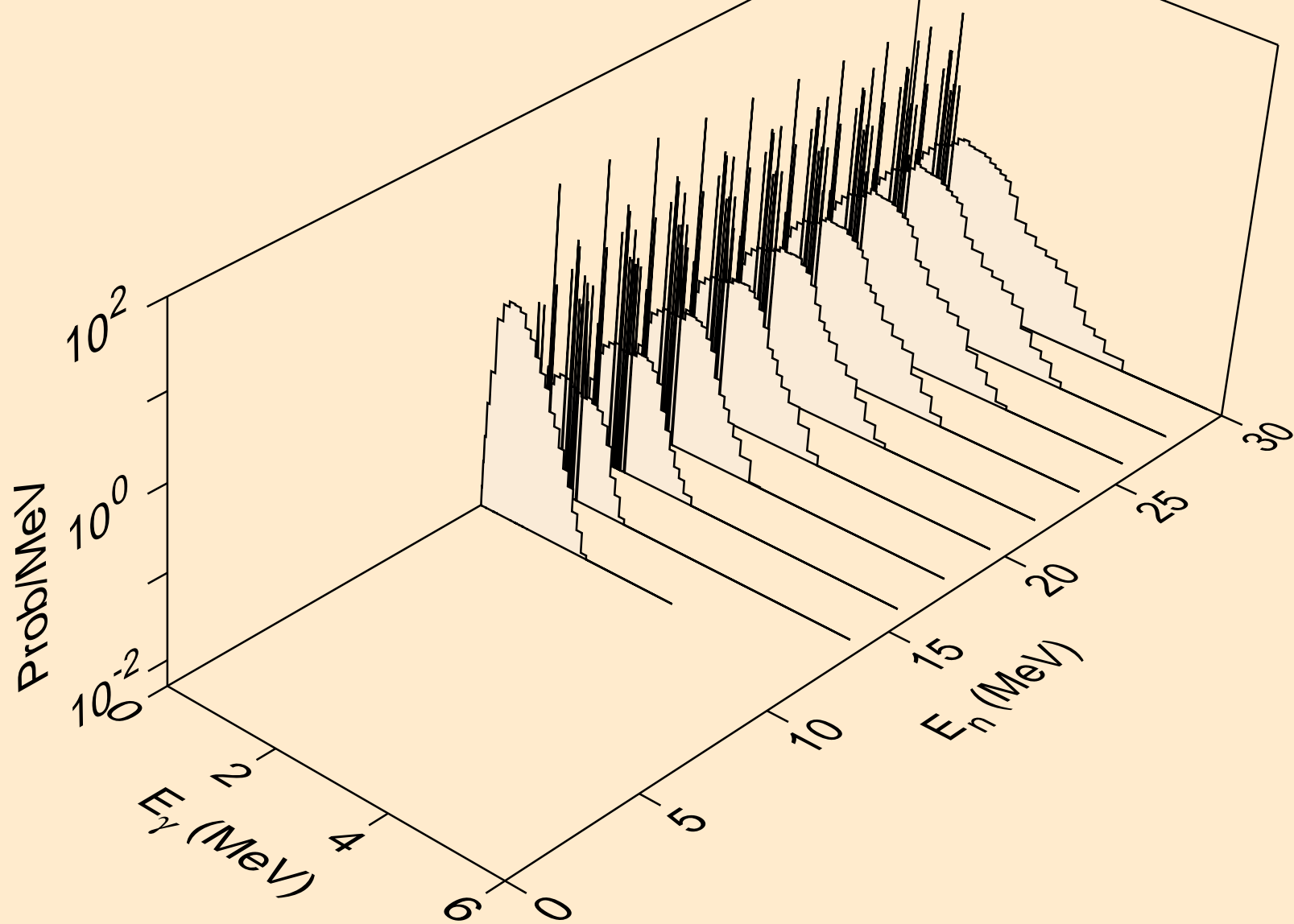
Photon emission for (n,3n) $\alpha$



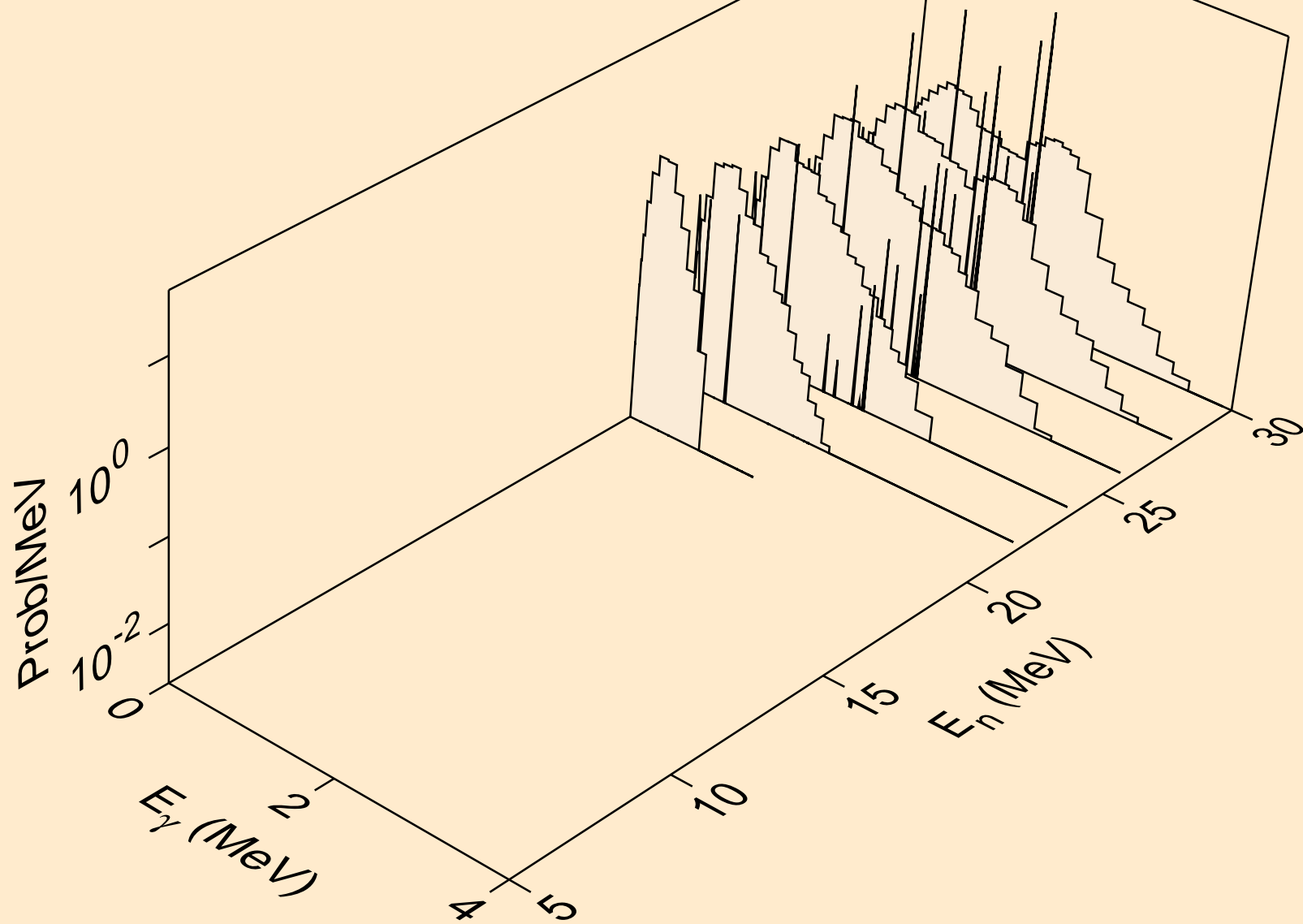
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

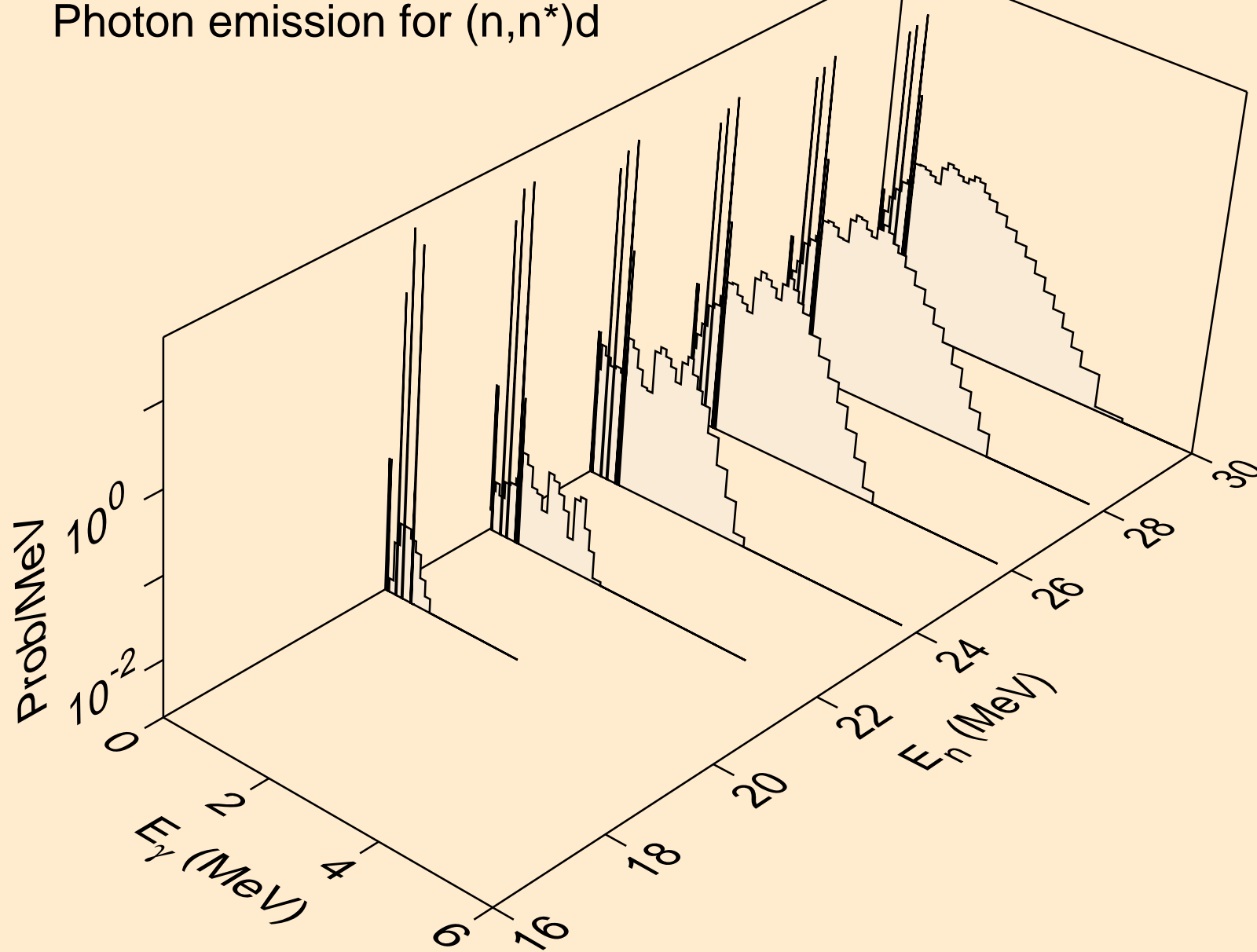


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Photon emission for (n,2n)2a

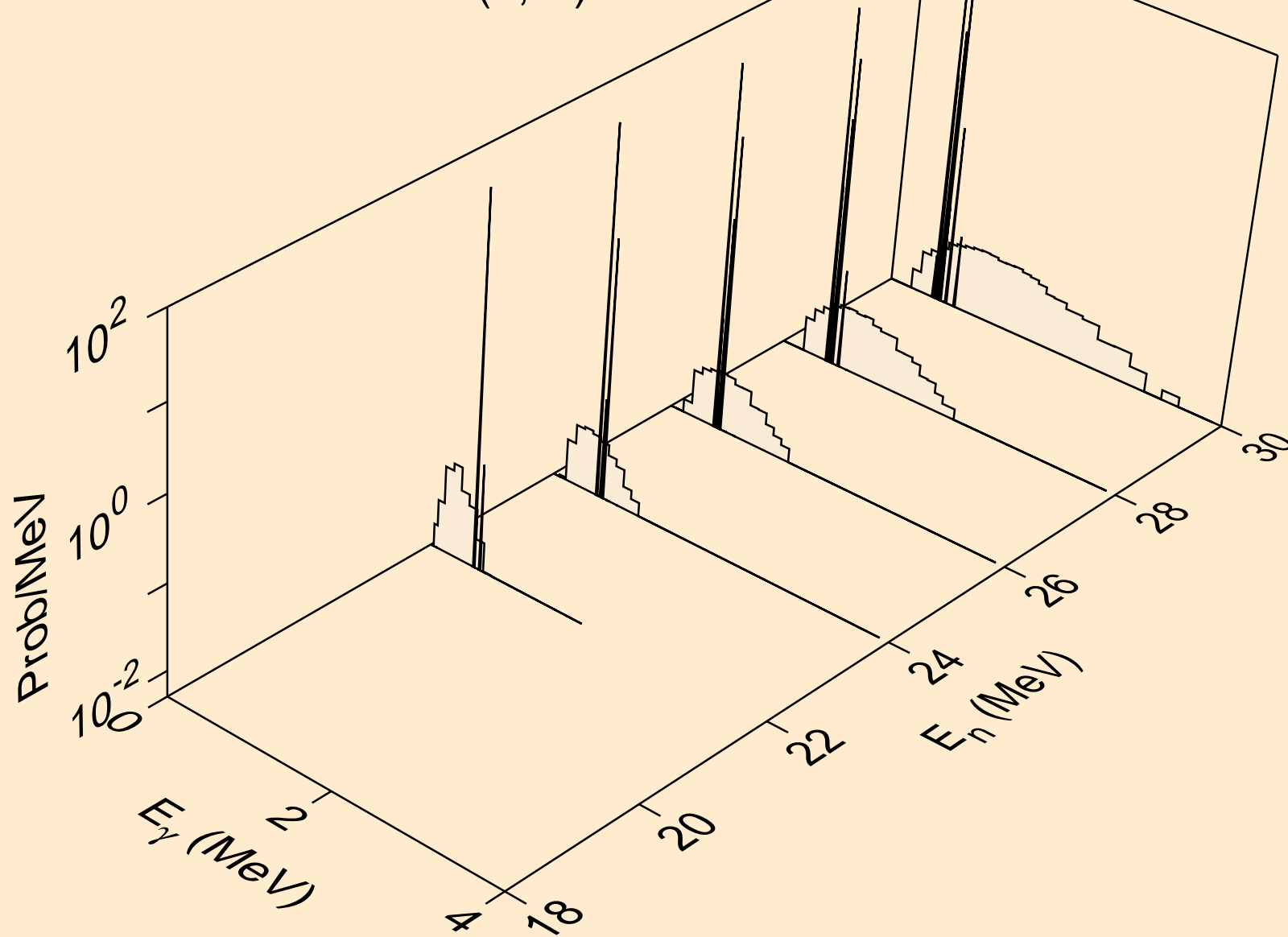




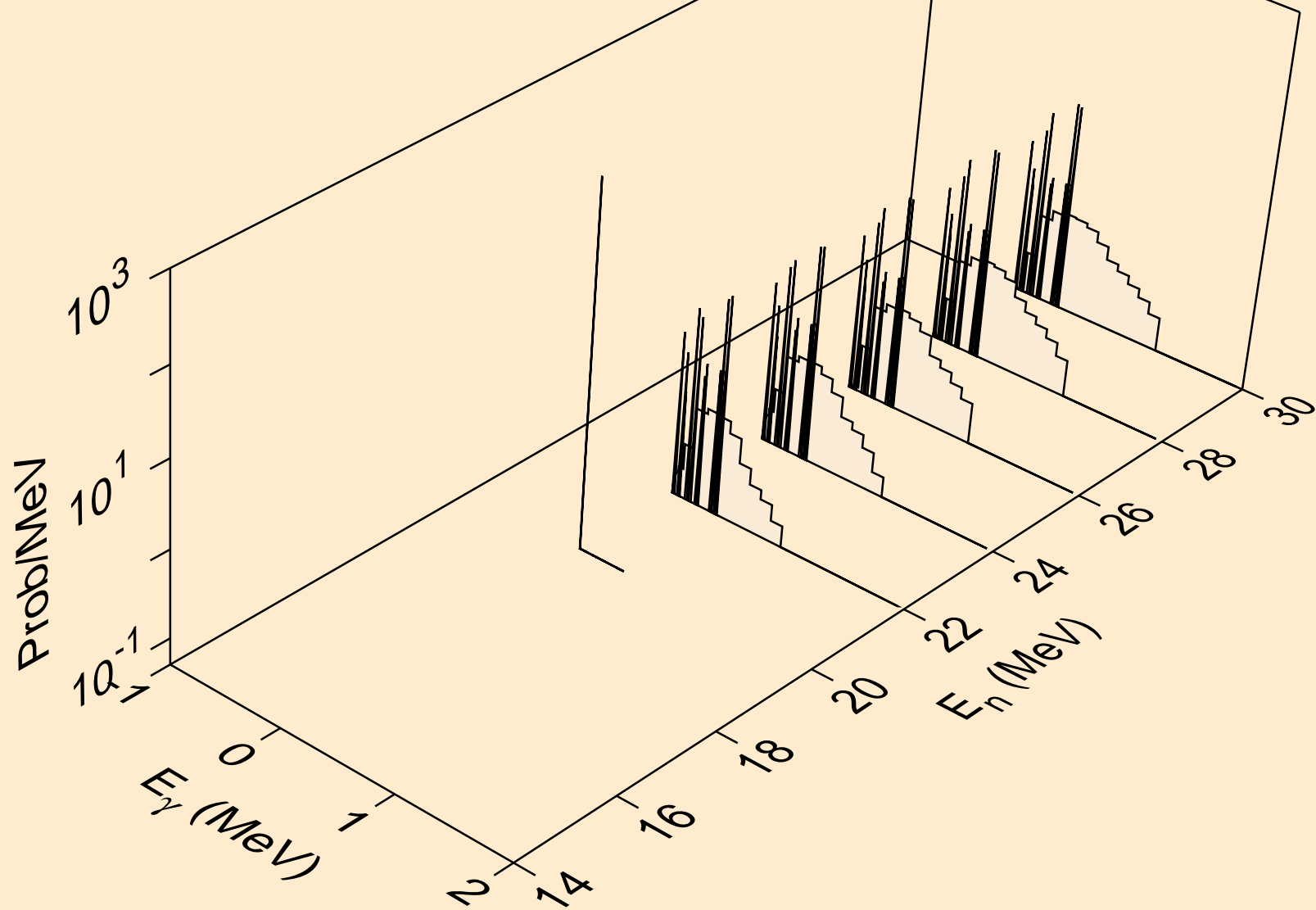
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Photon emission for (n,n\*)d



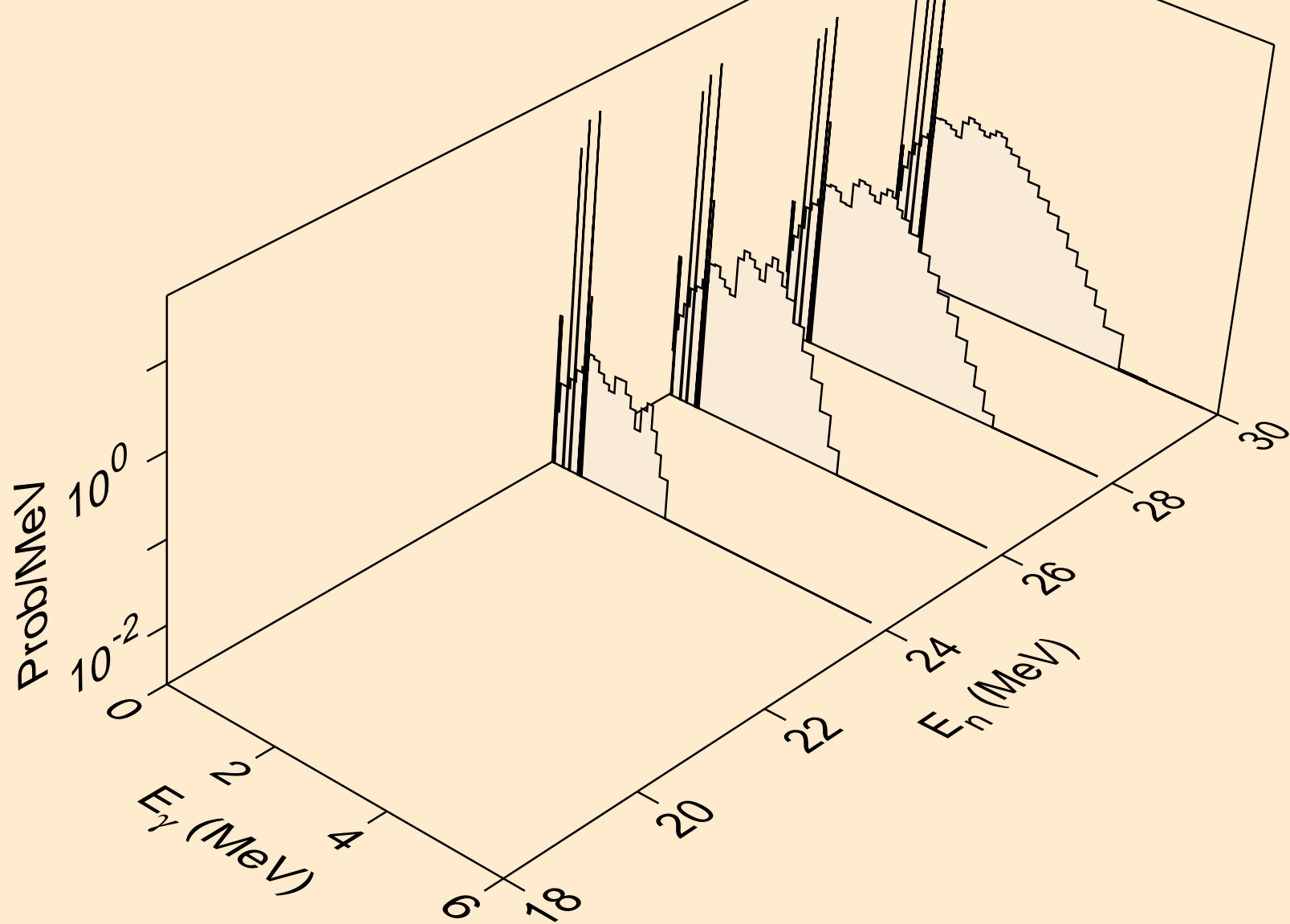
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Photon emission for (n,n\*)t



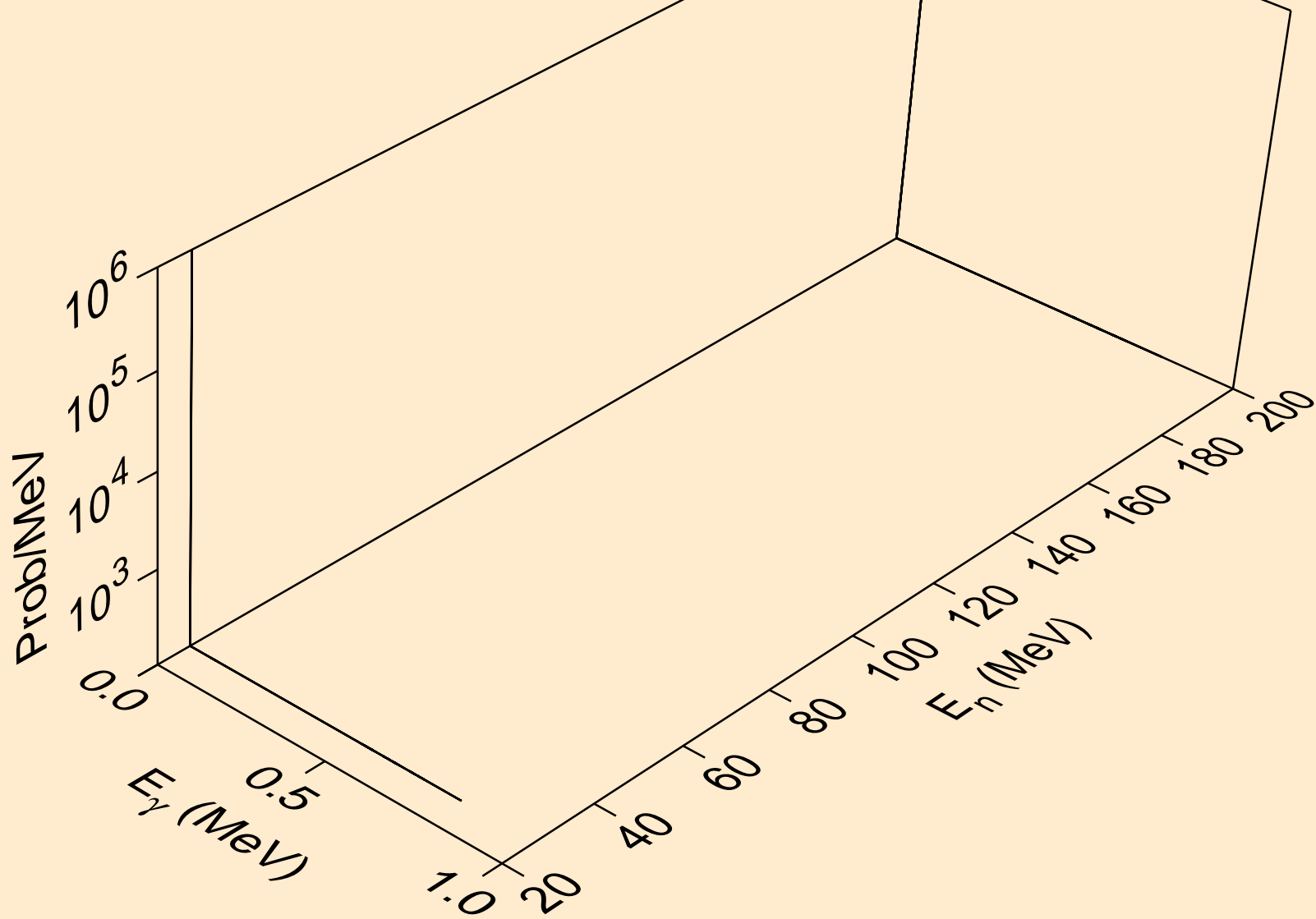
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Photon emission for (n,n\*)he3



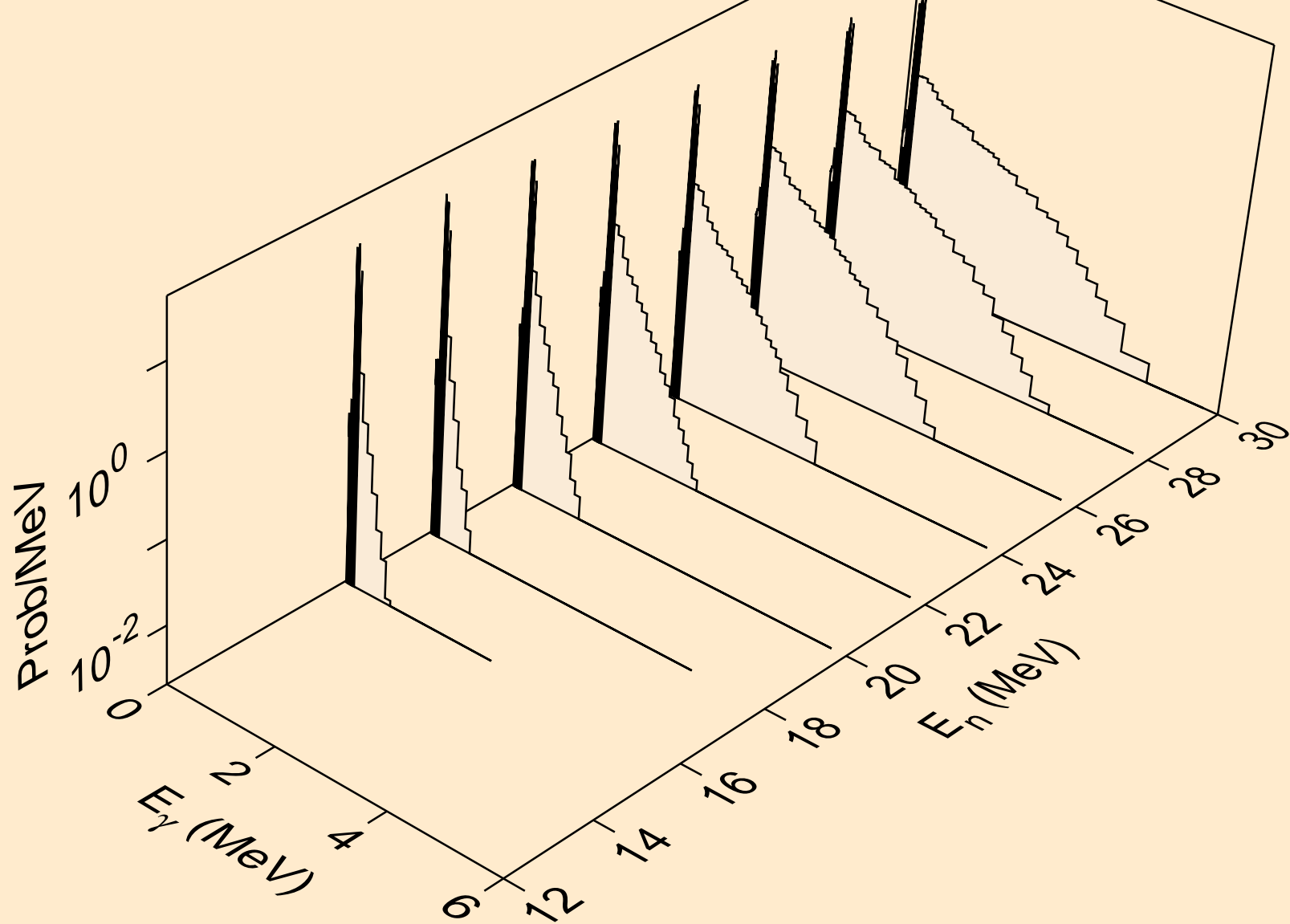
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Photon emission for (n,2np)



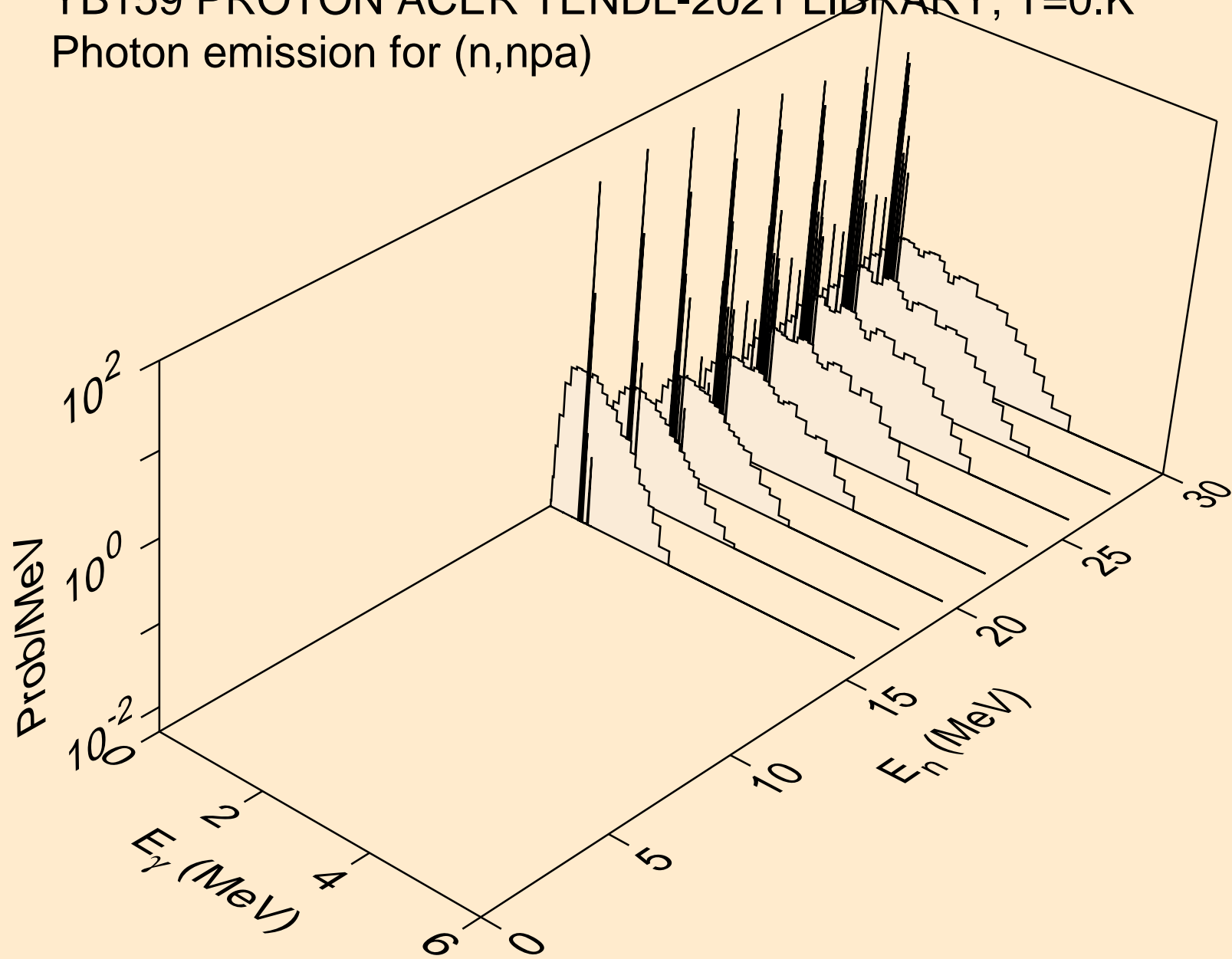
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Photon emission for (n,3np)



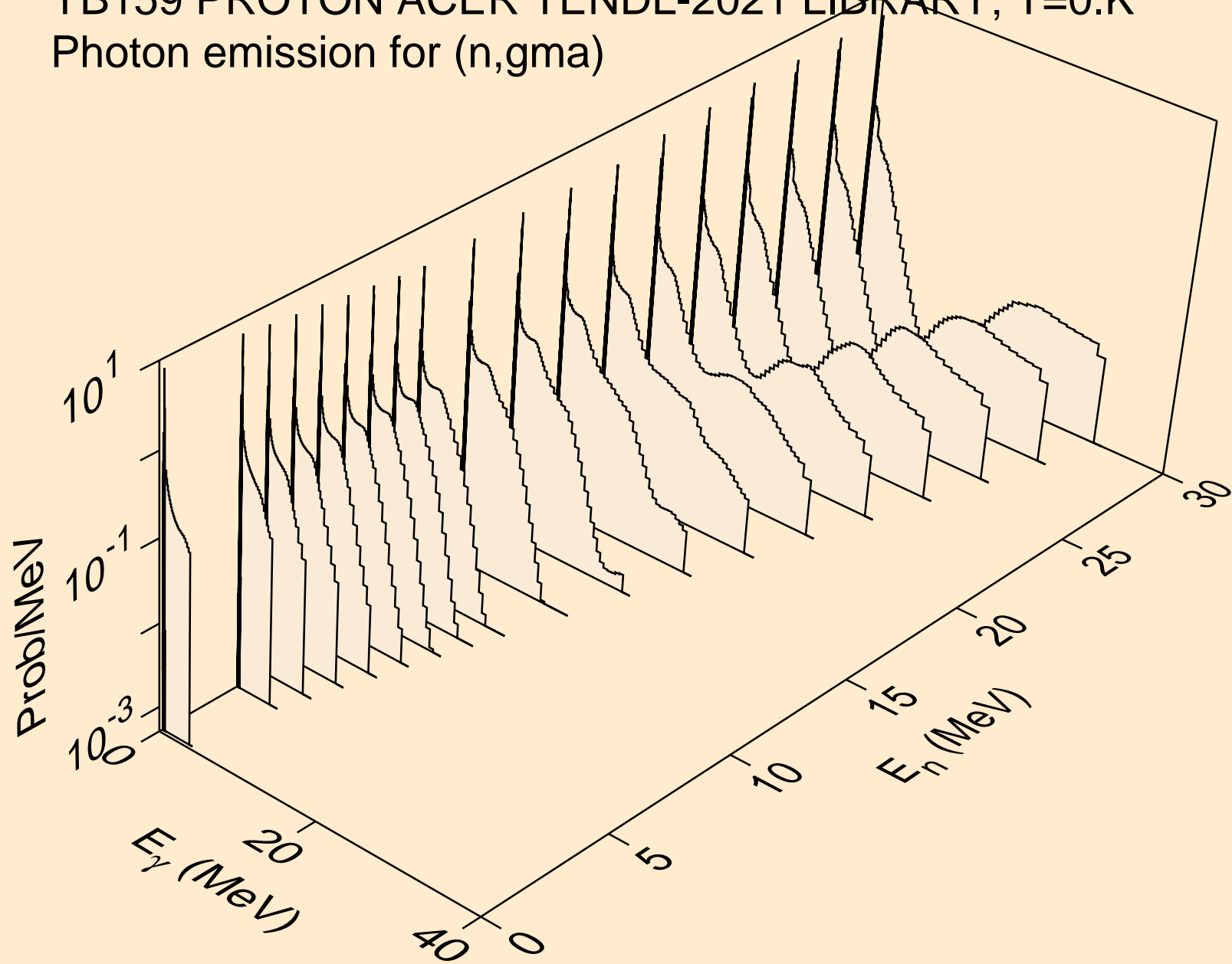
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



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Photon emission for (n,npa)

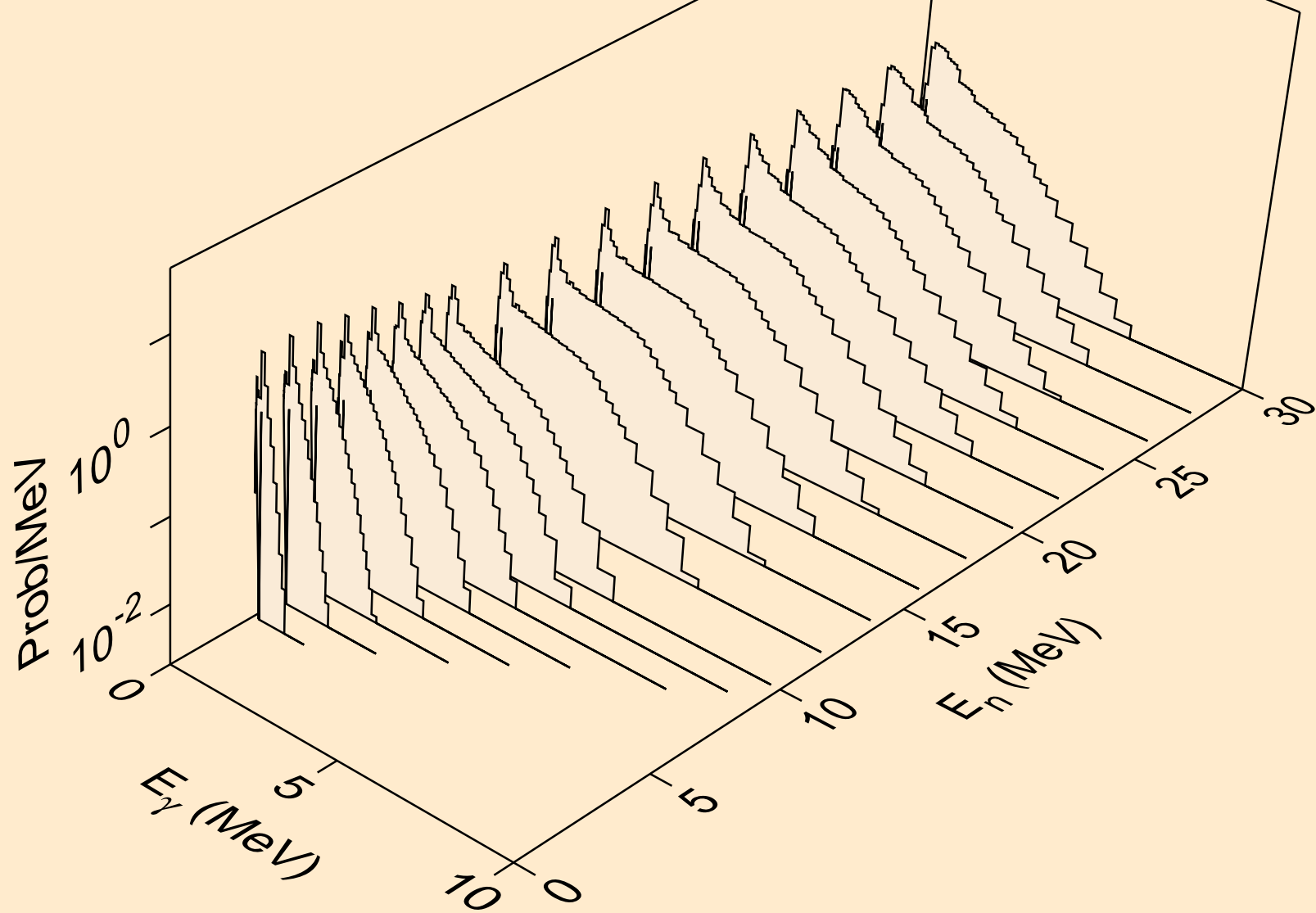


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Photon emission for (n,gma)

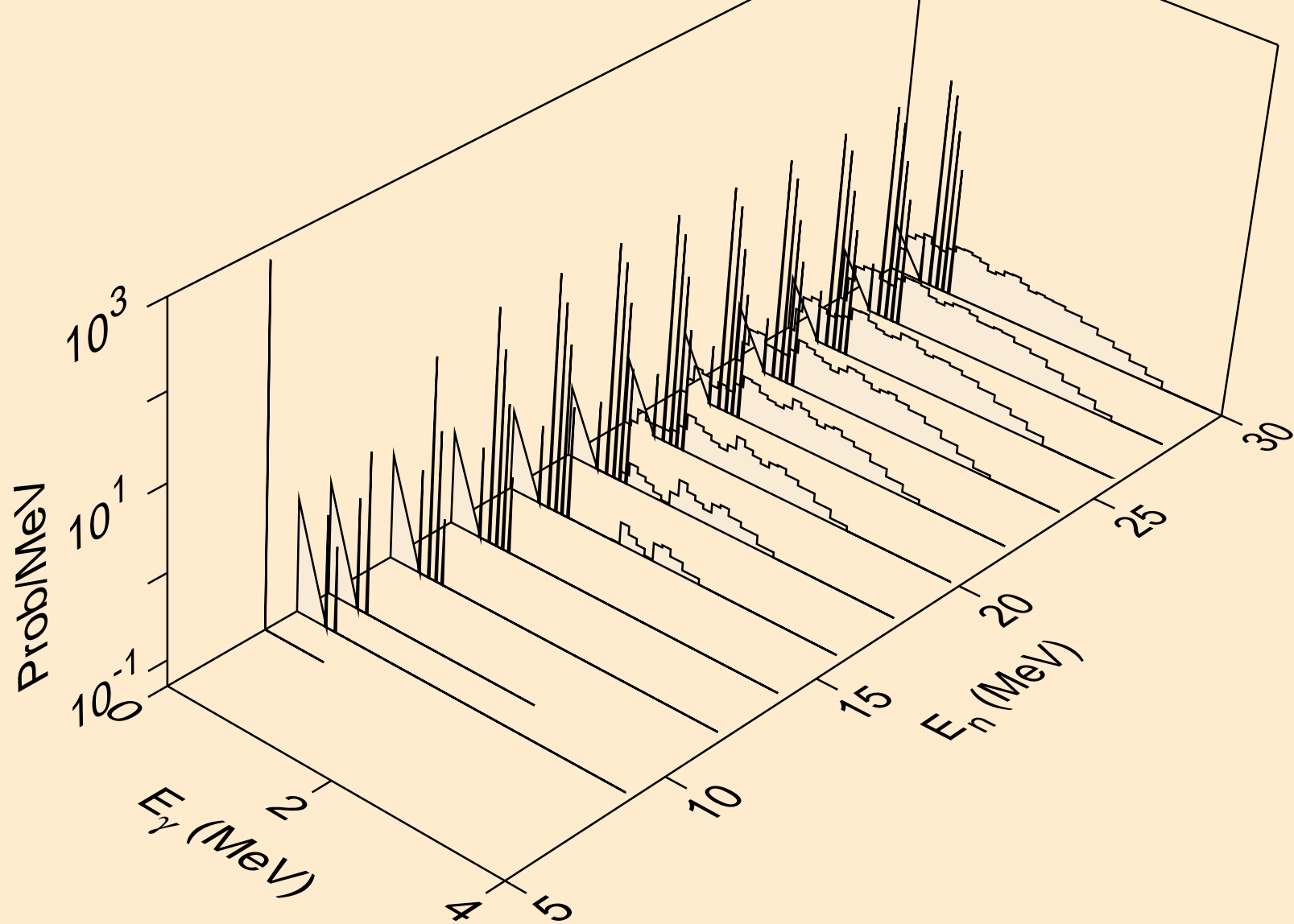




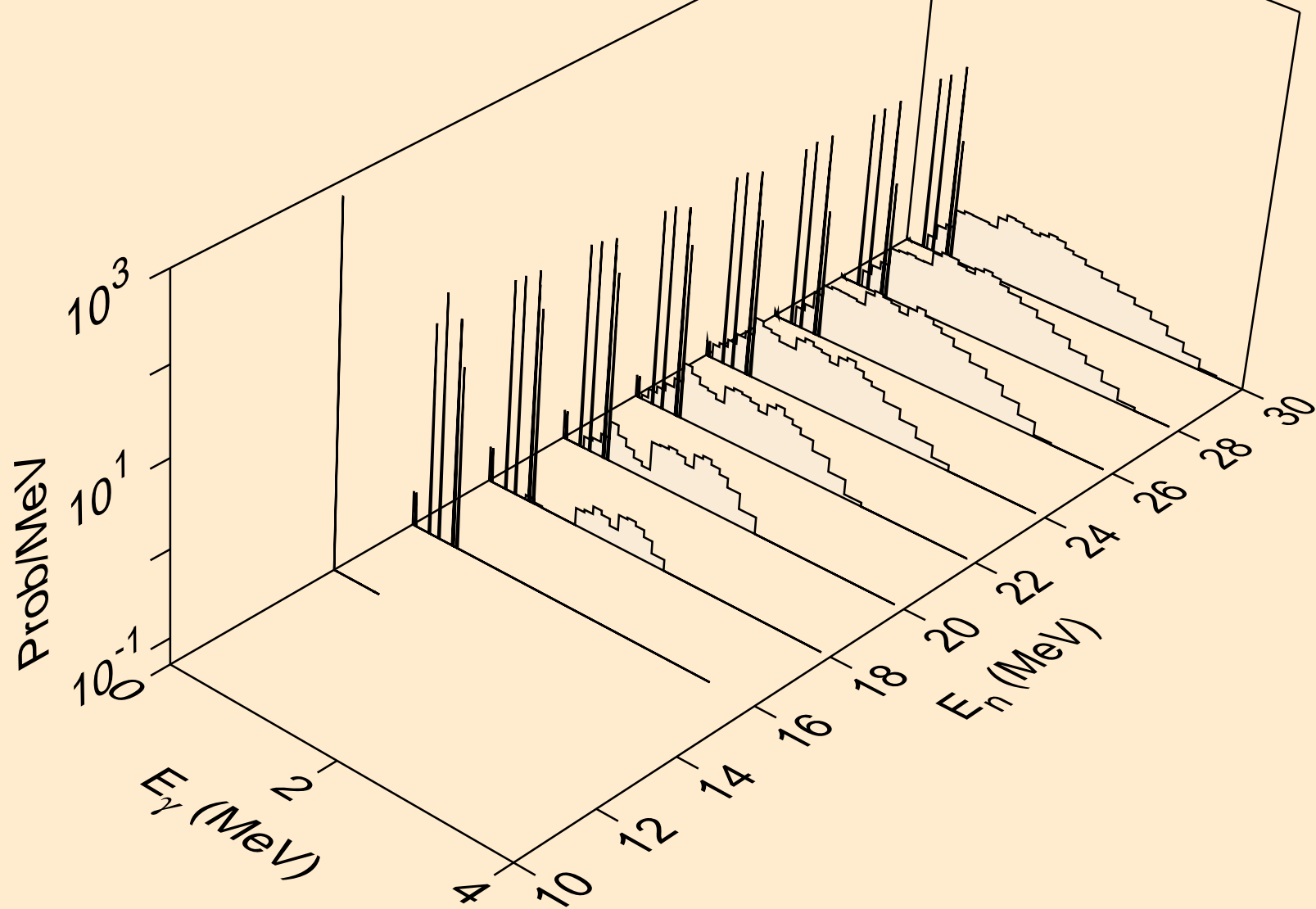
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



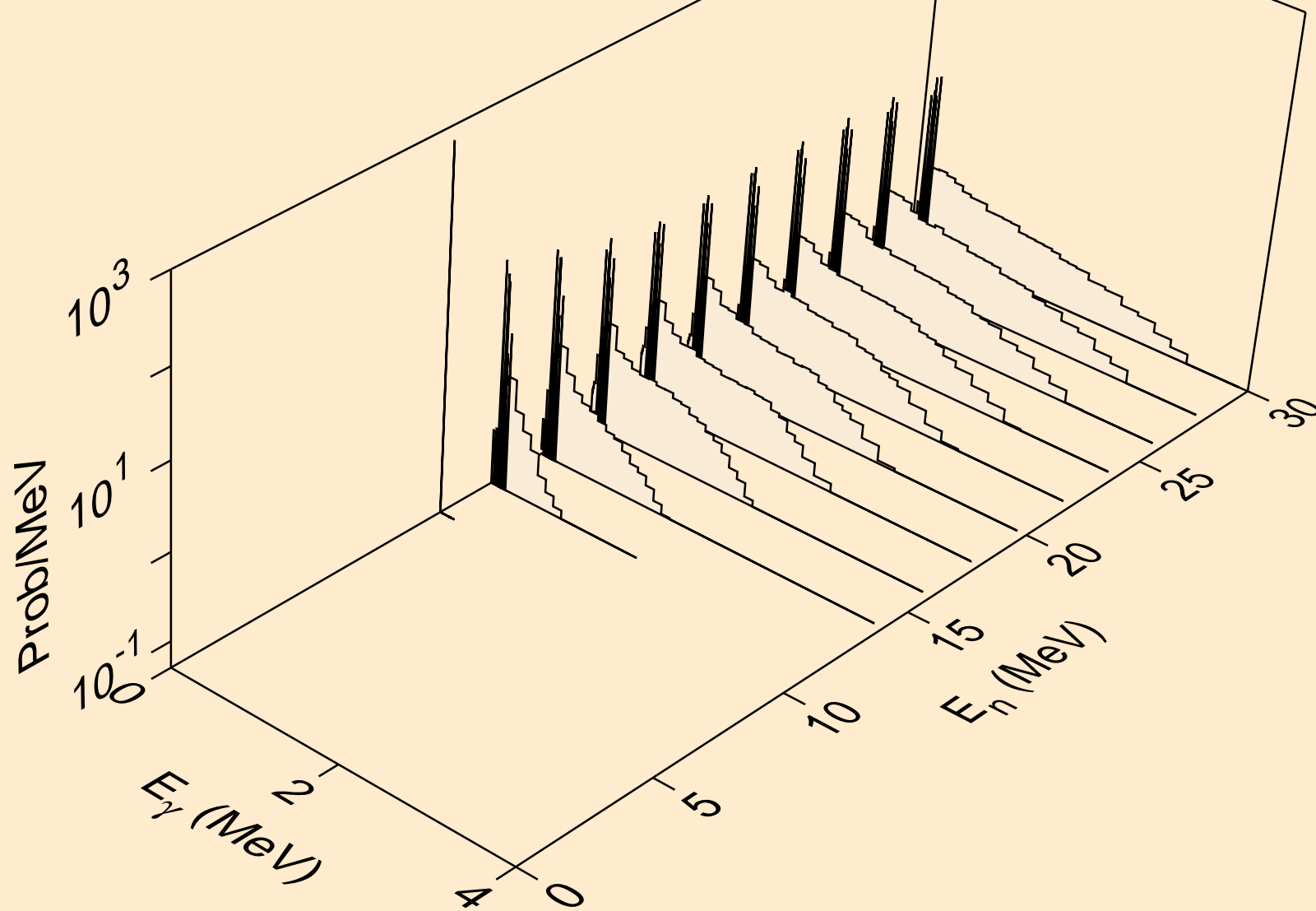
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Photon emission for (n,d)



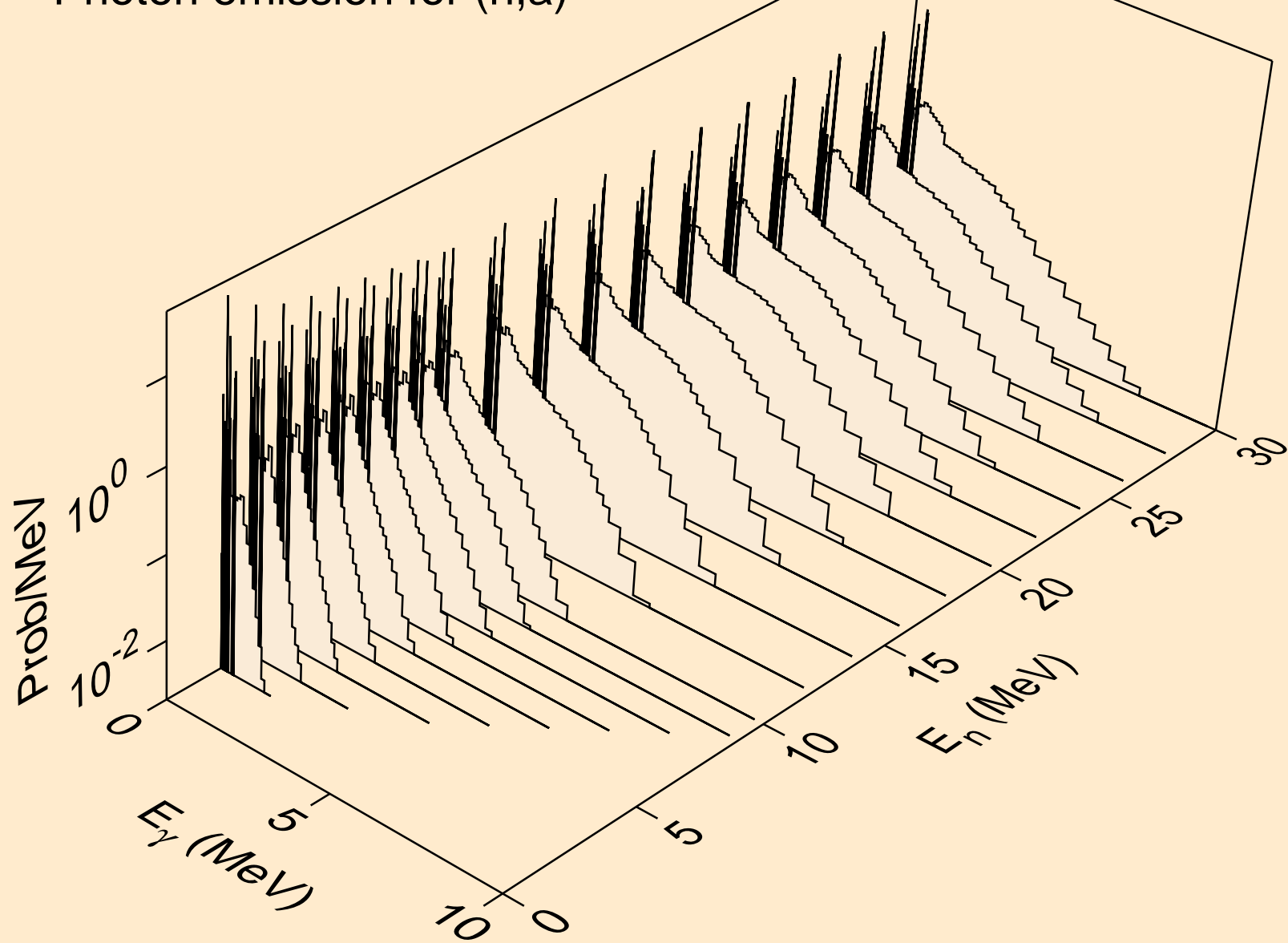
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Photon emission for (n,t)



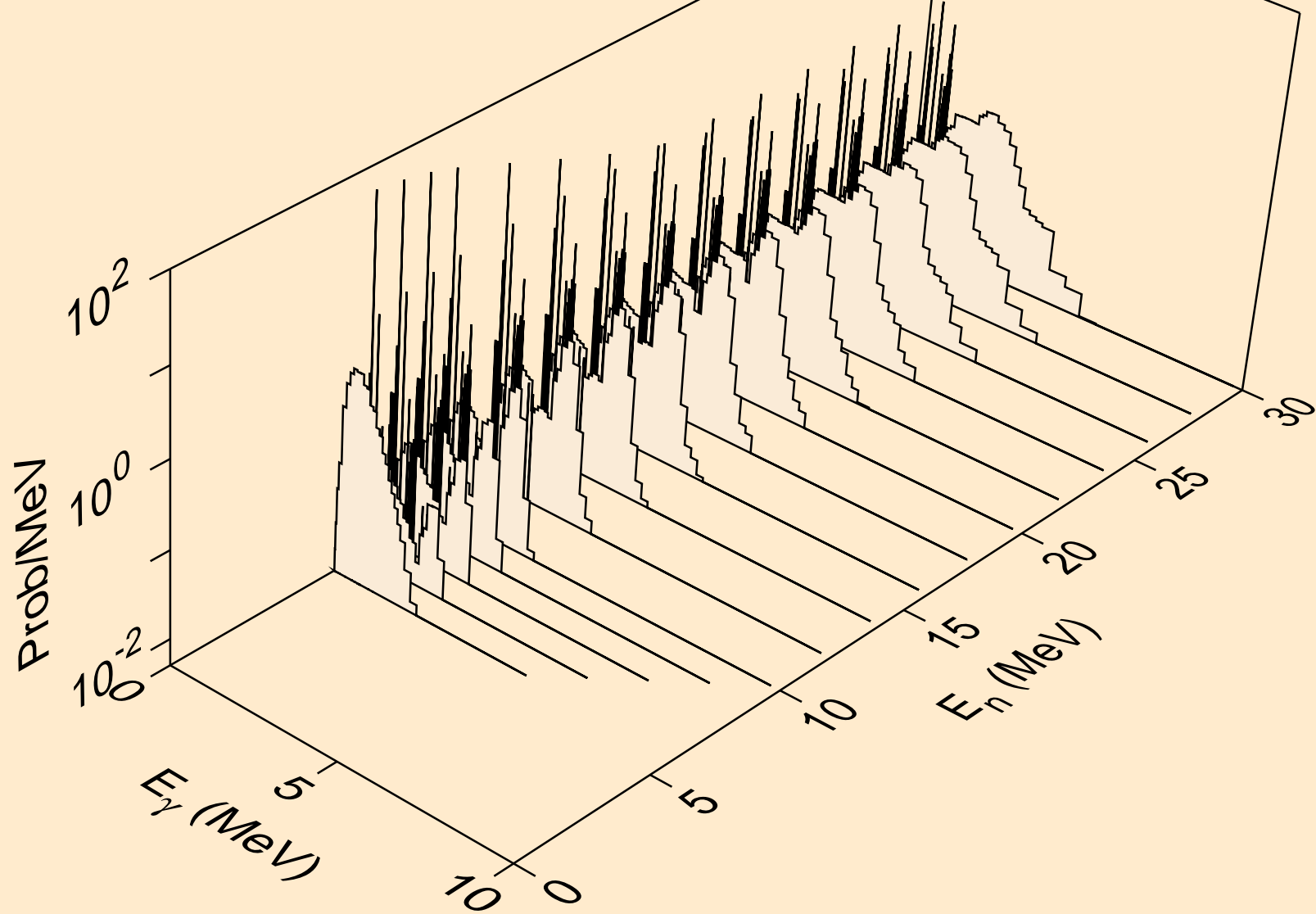
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Photon emission for (n,he3)



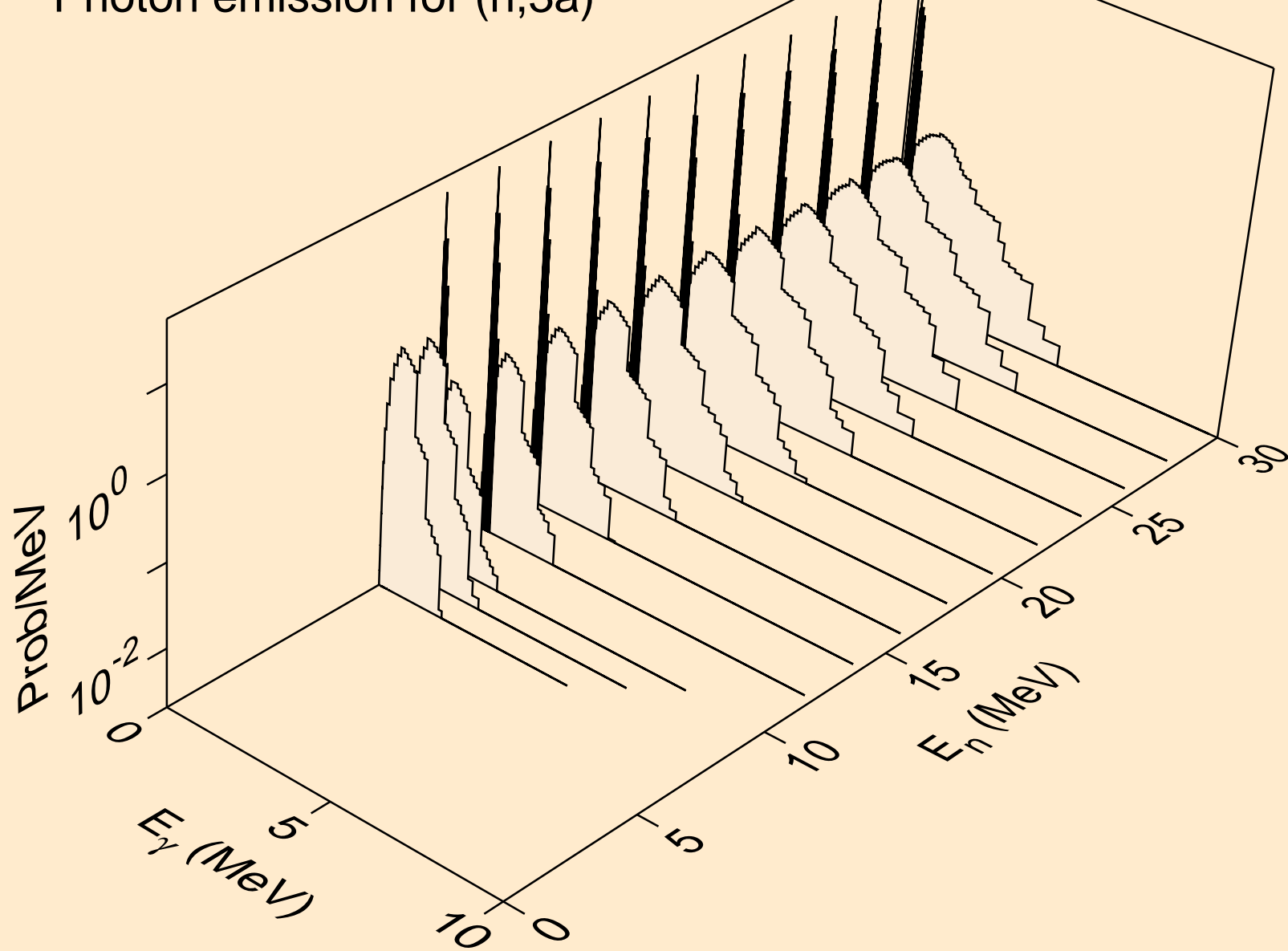
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Photon emission for (n,a)



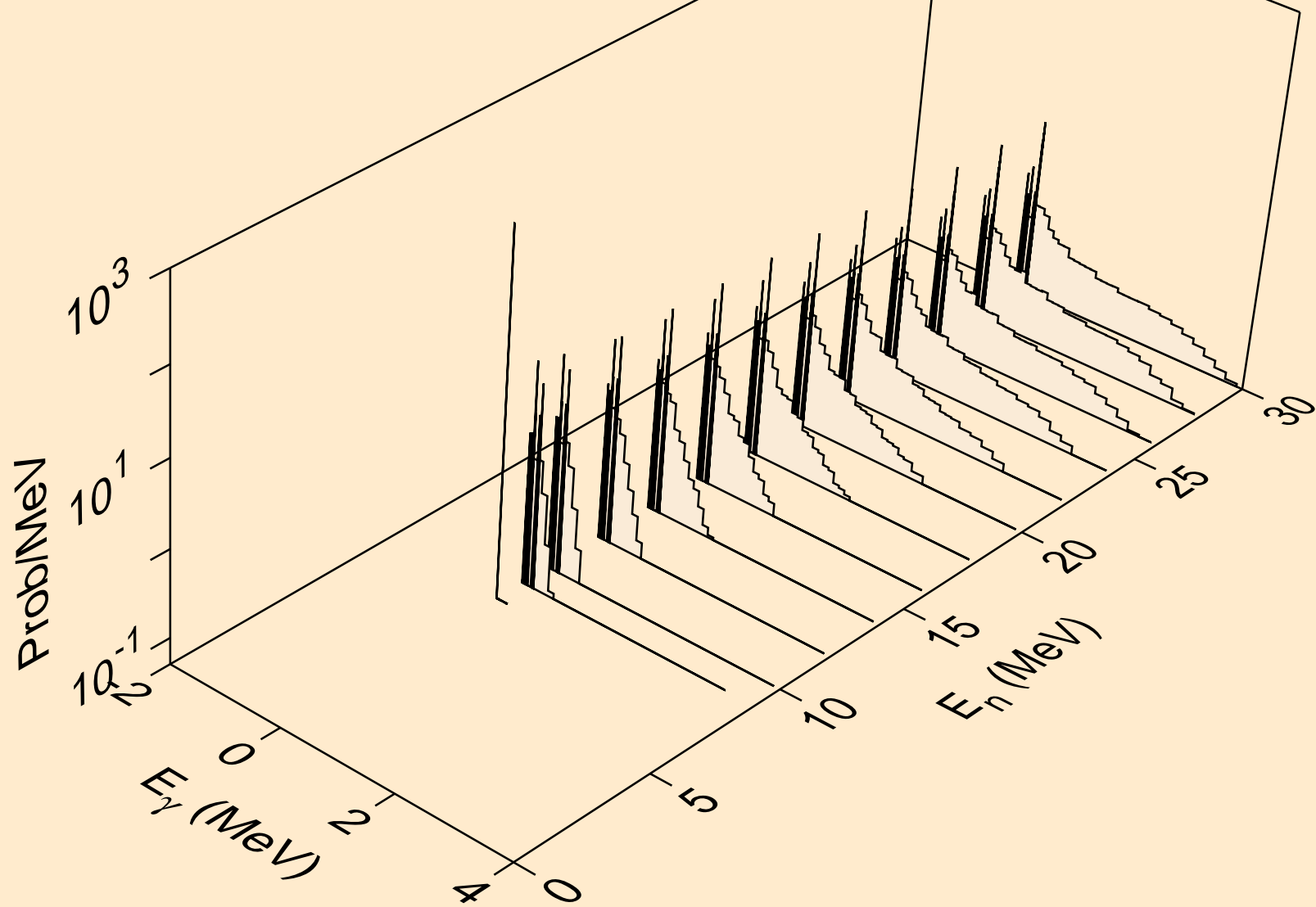
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)

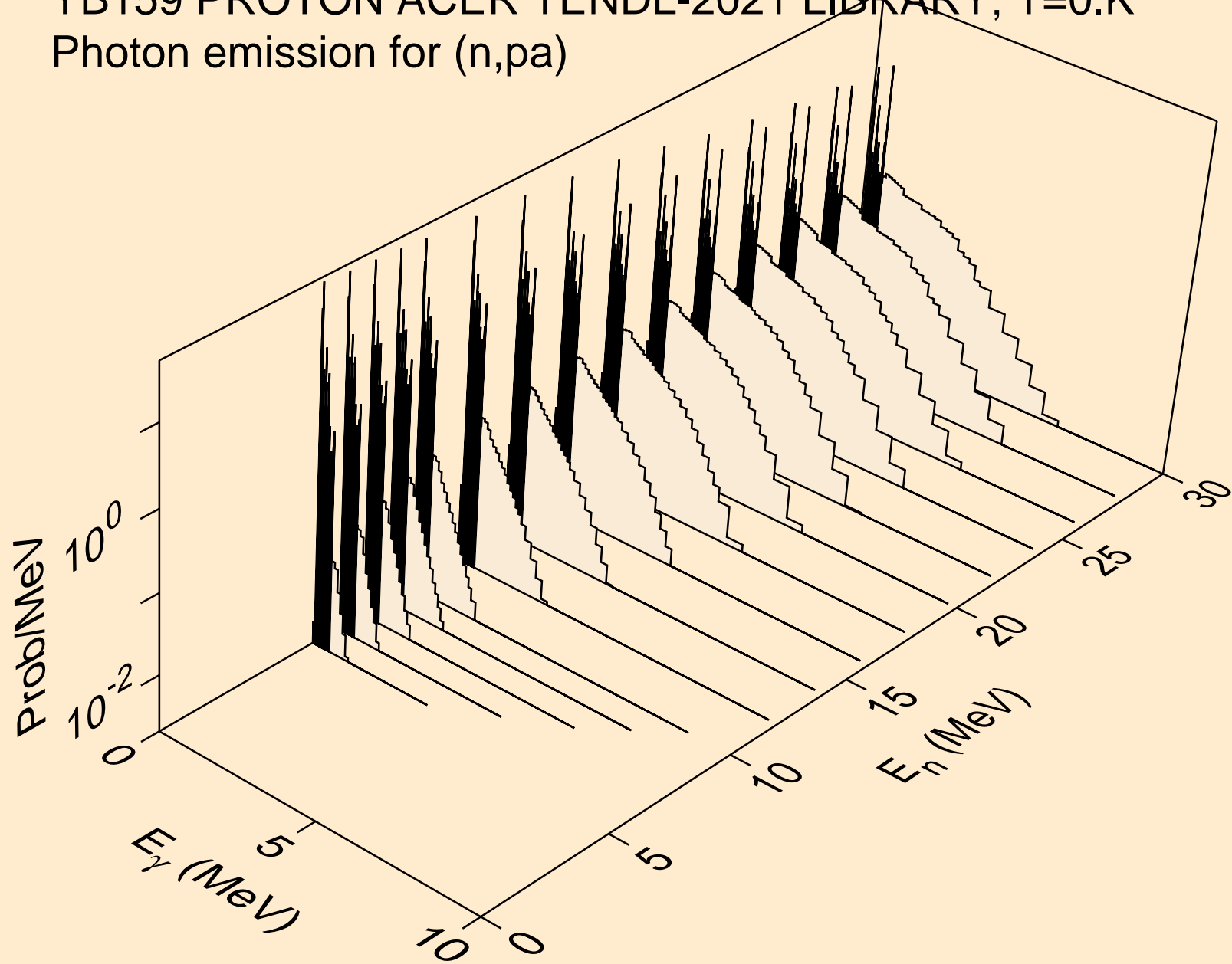


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Photon emission for (n,2p)

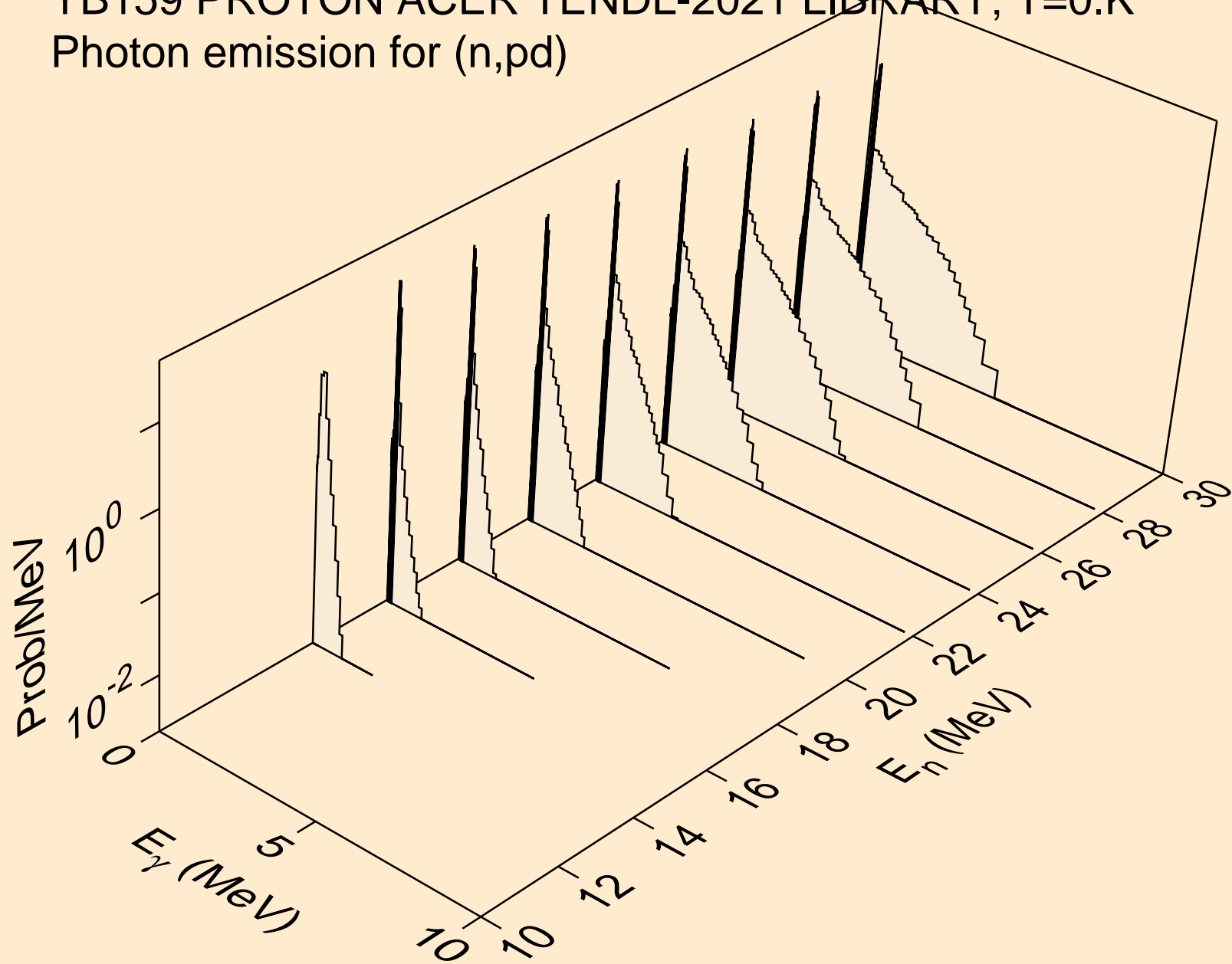




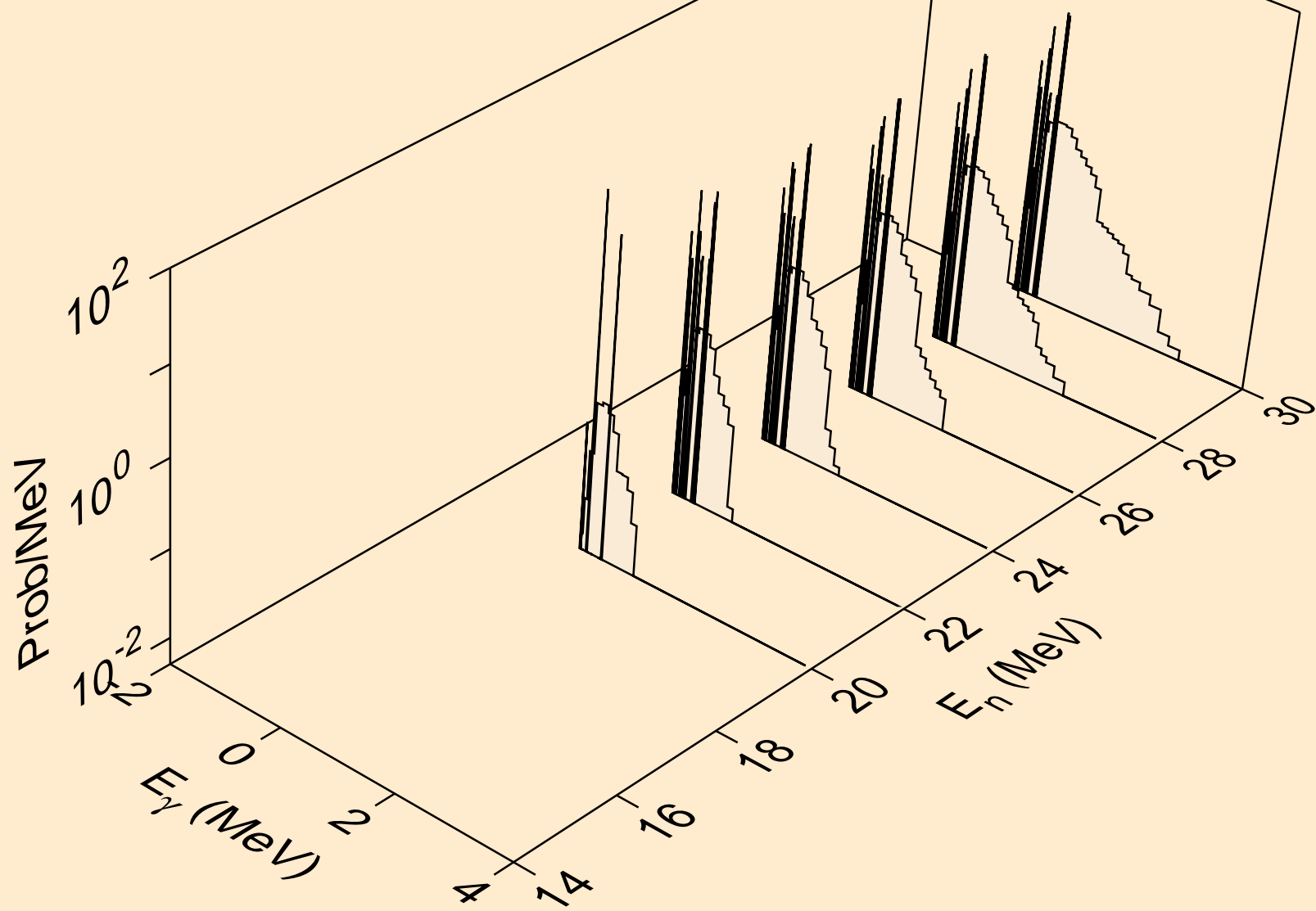
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Photon emission for (n,pa)



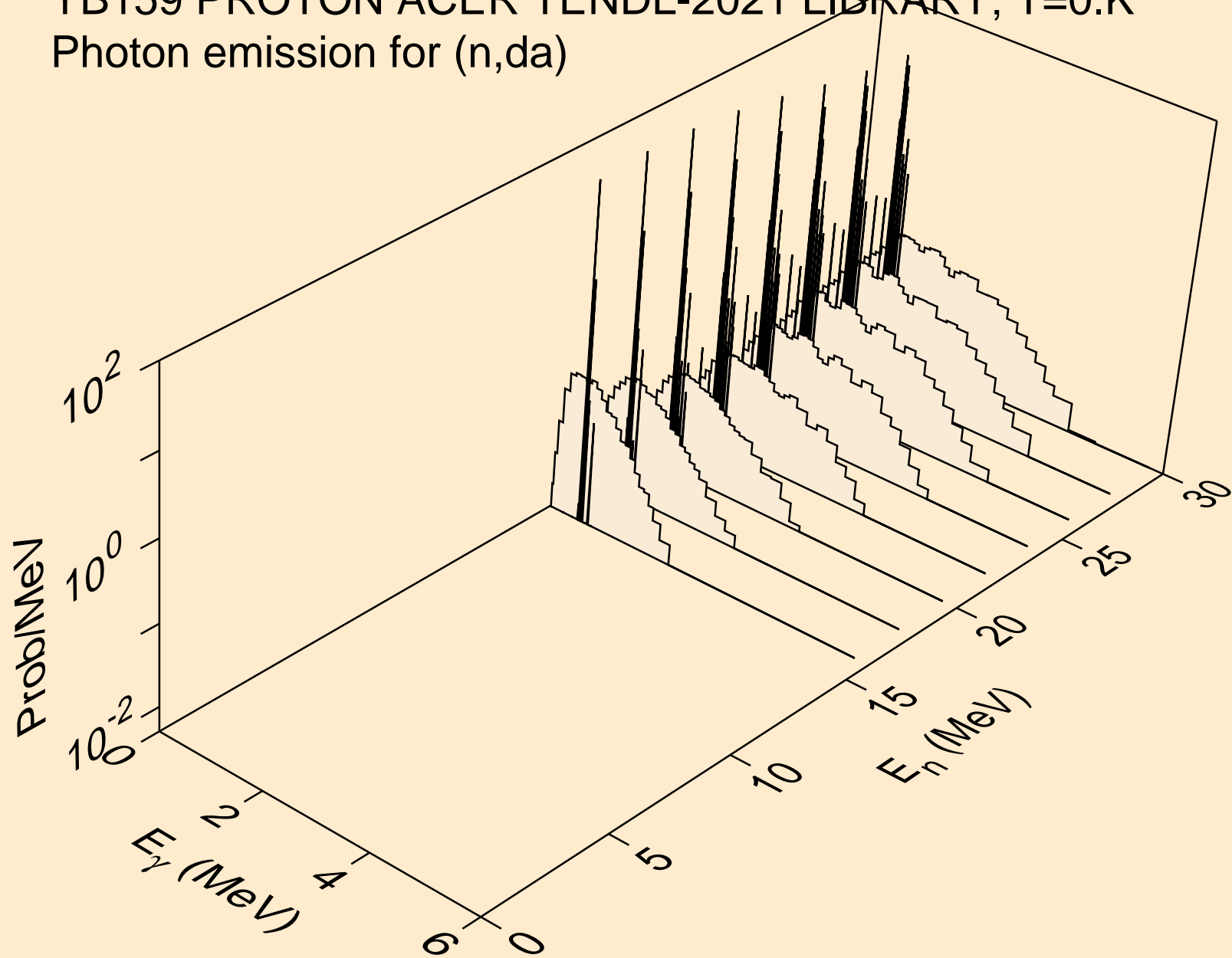
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Photon emission for (n,pd)



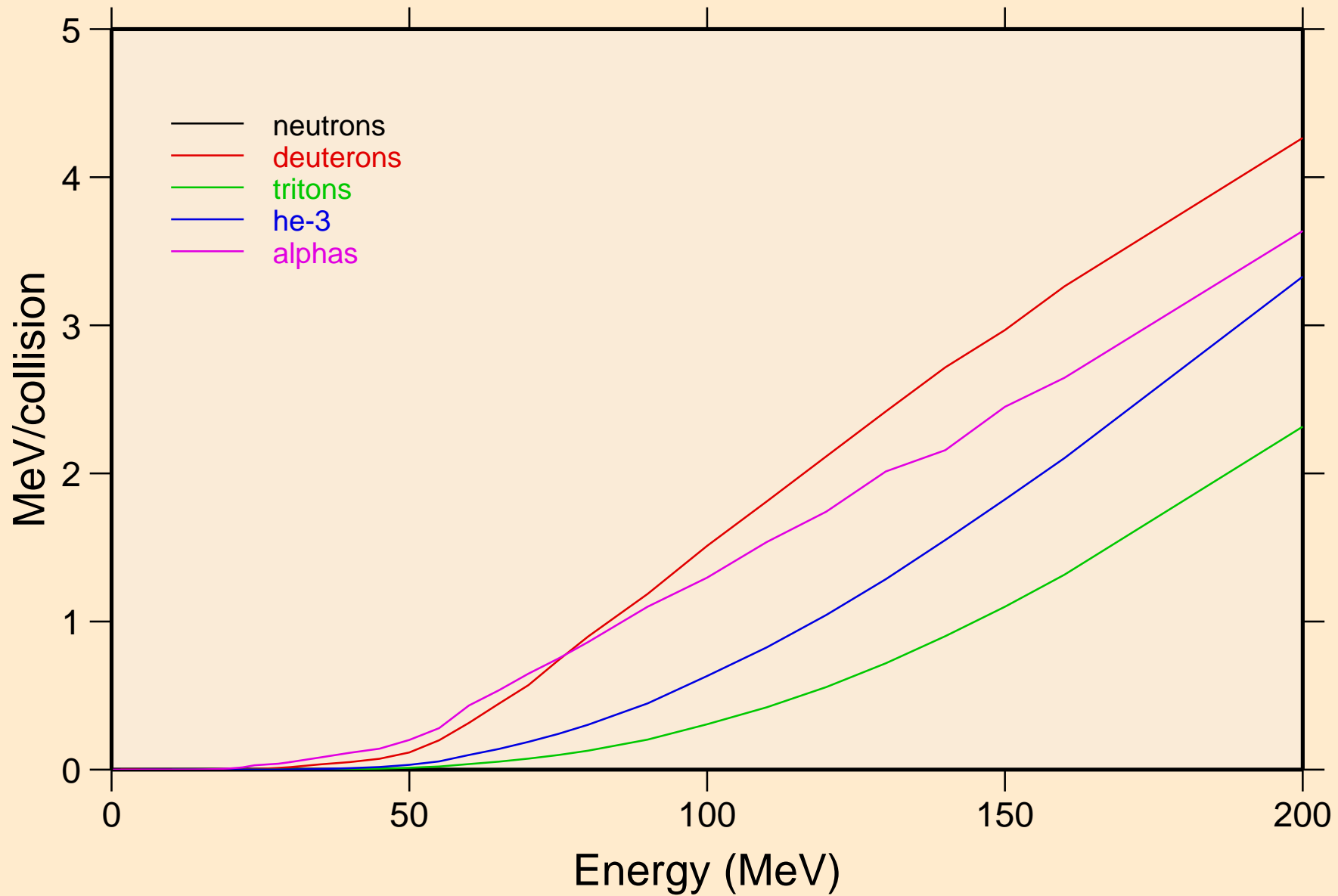
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

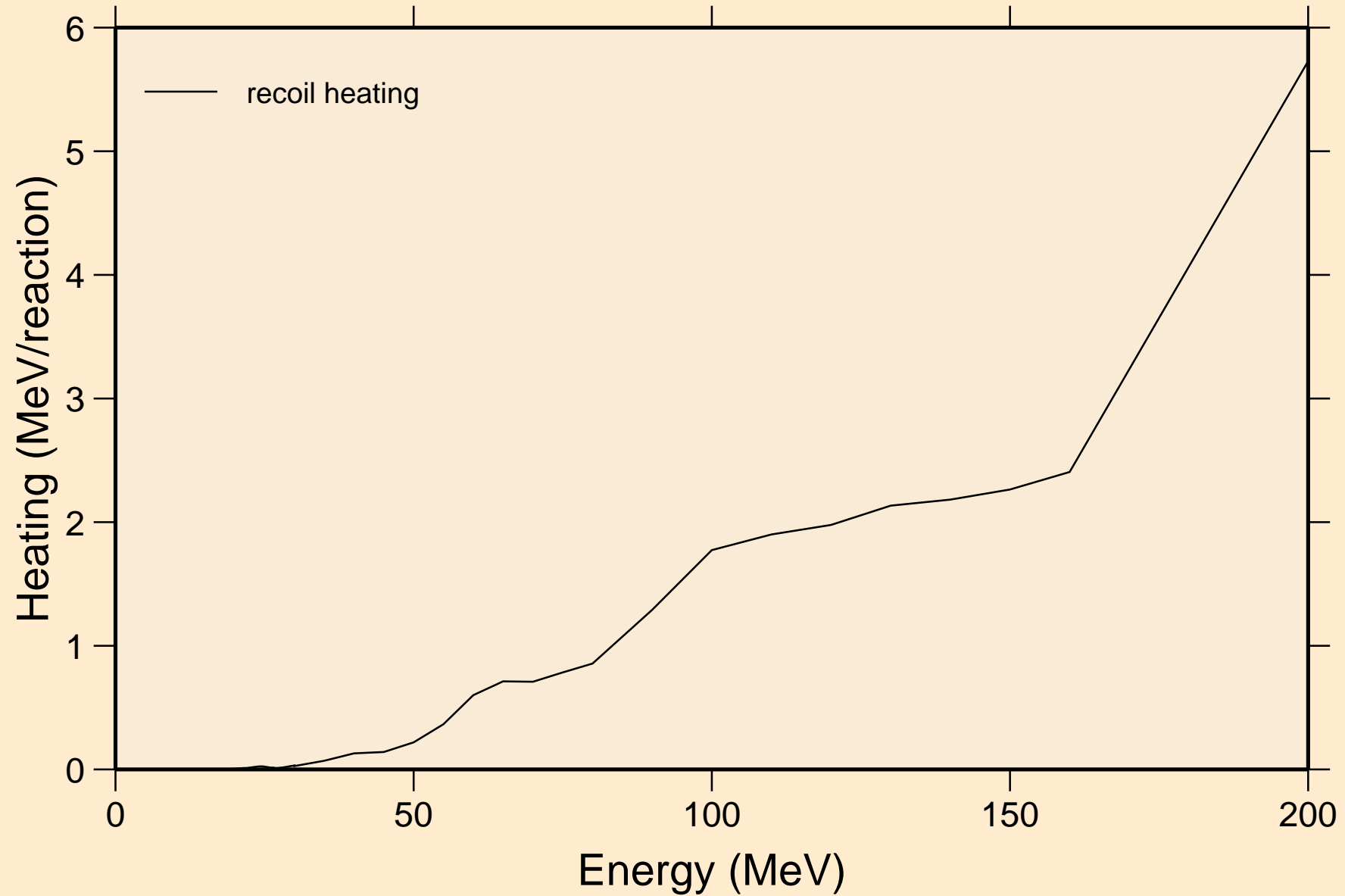


YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

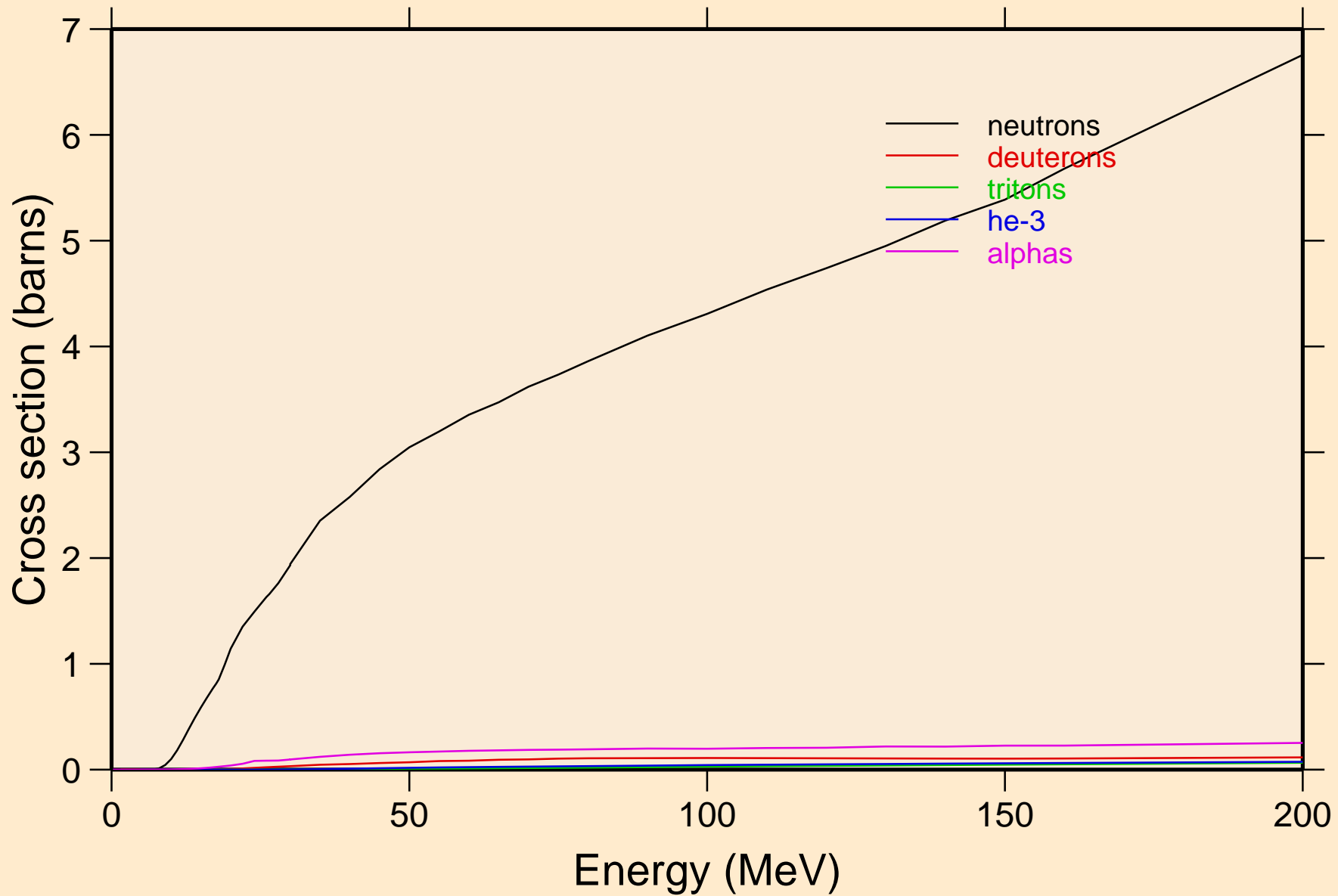


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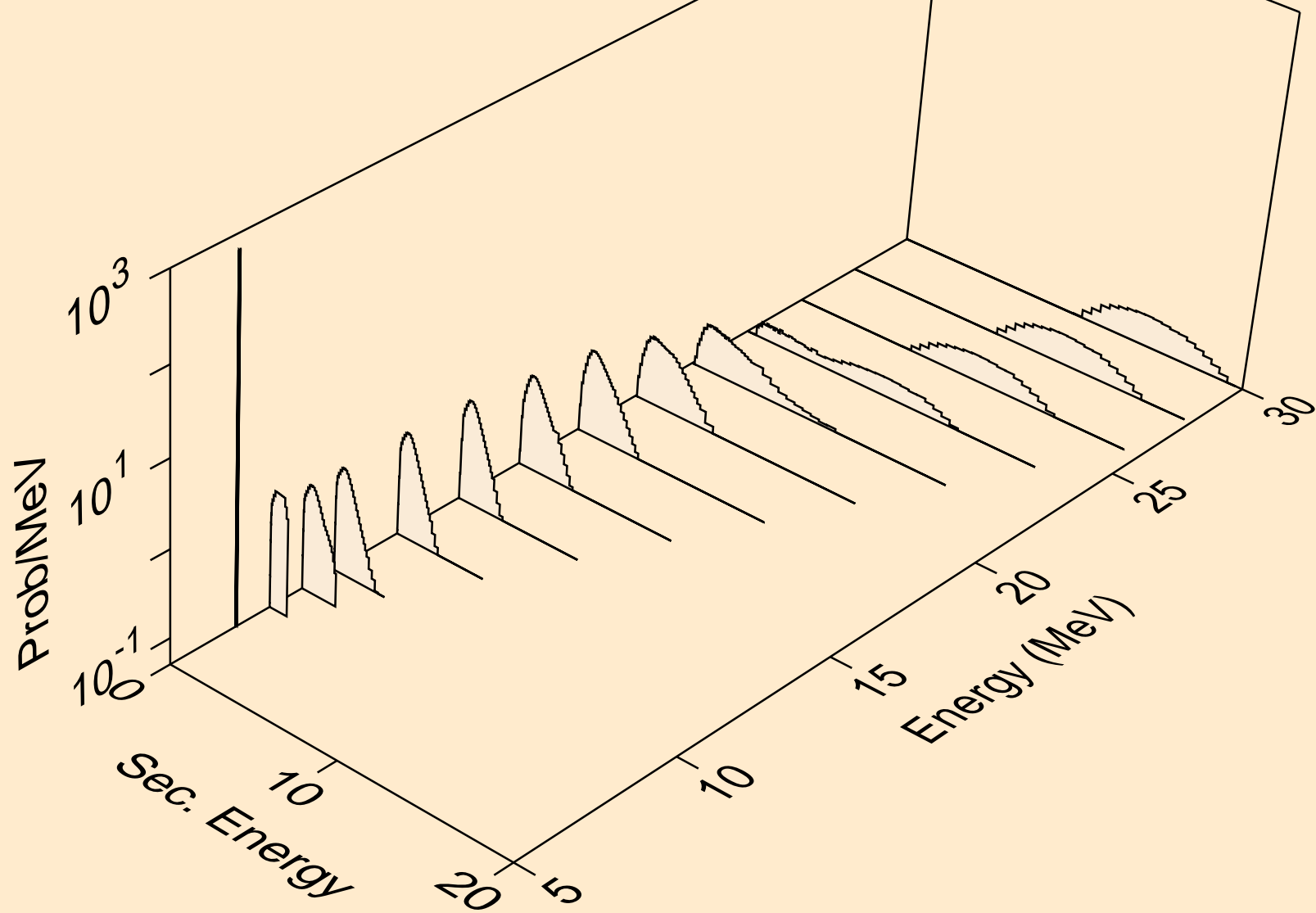
Recoil Heating



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

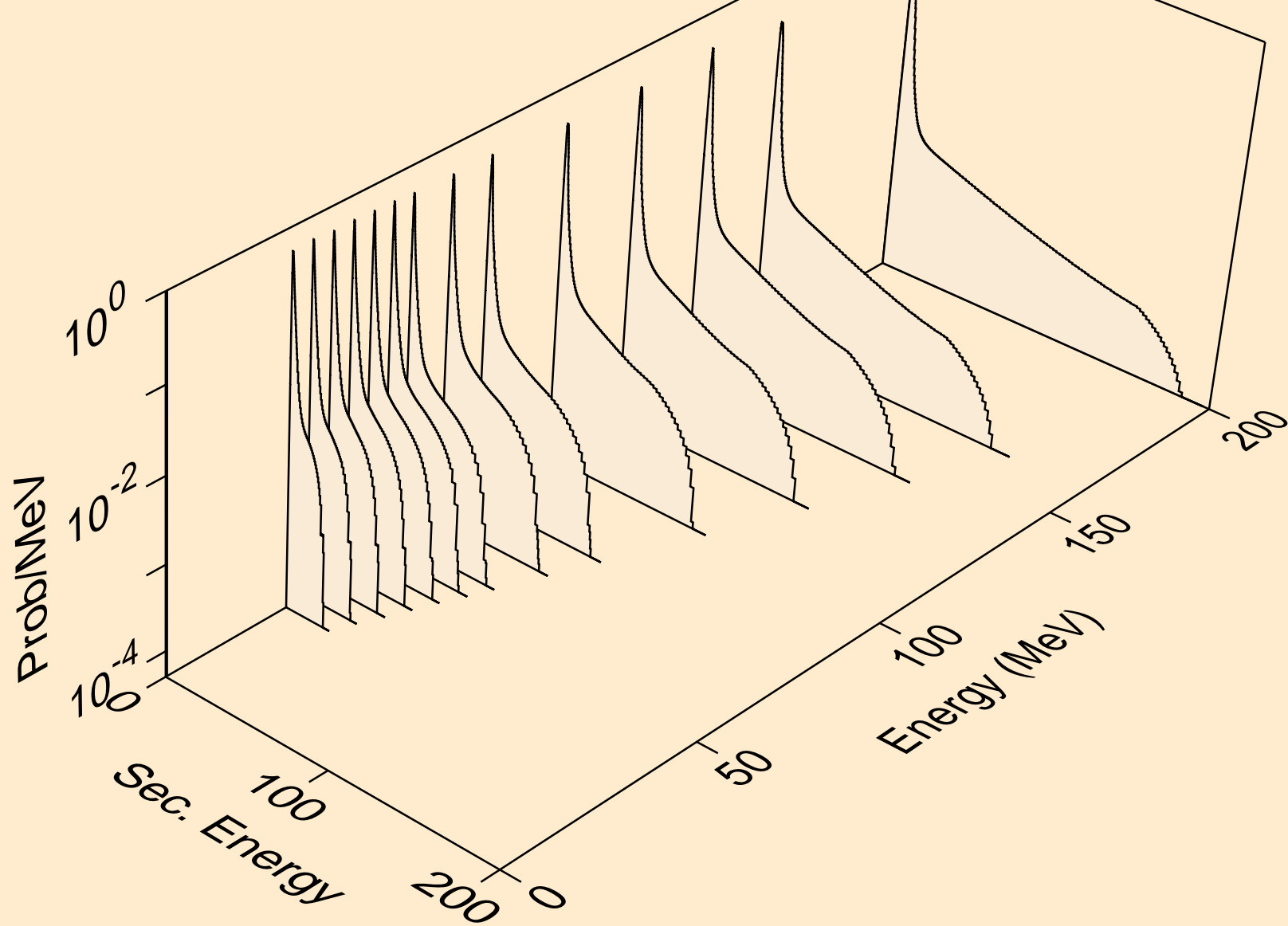


YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

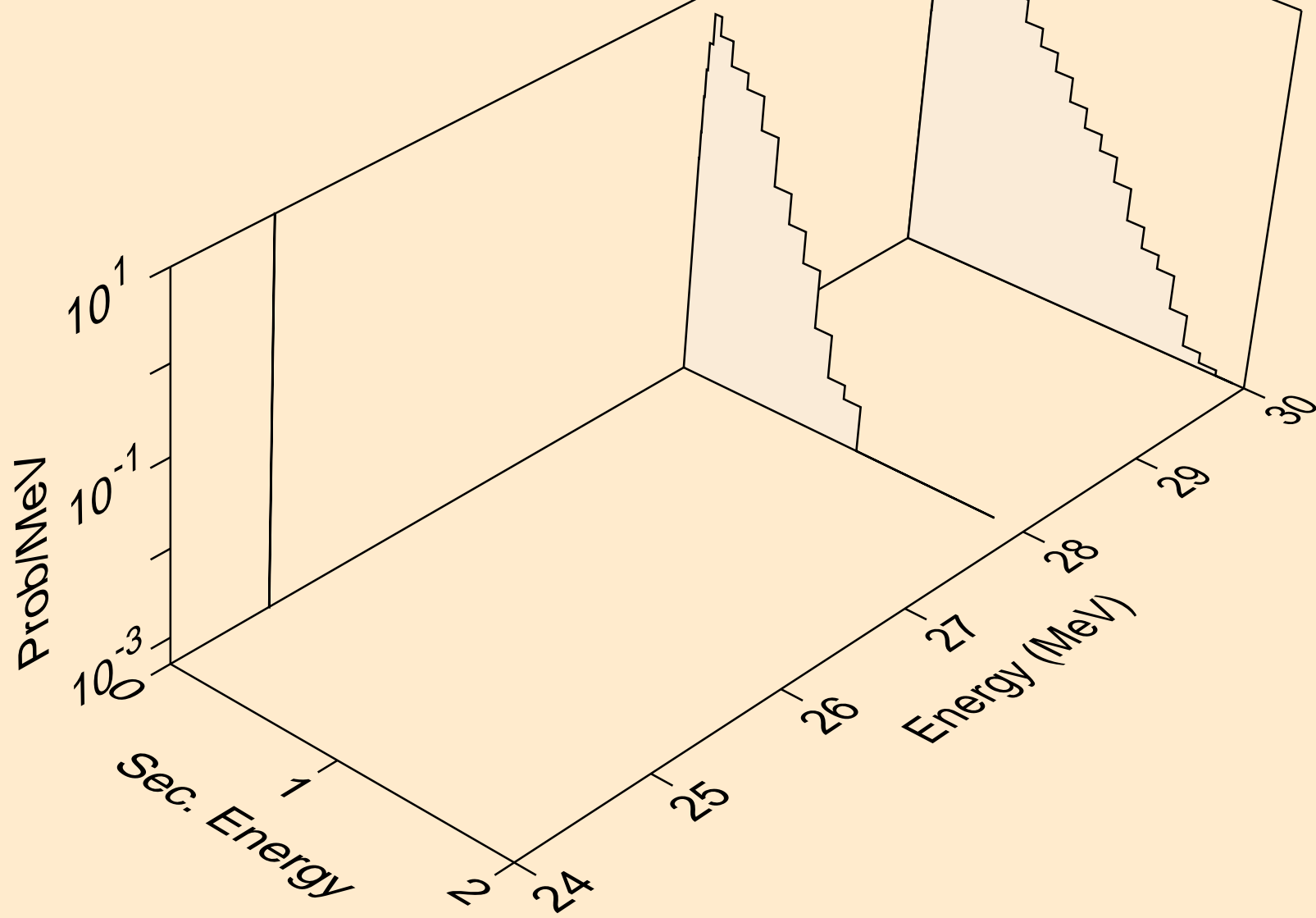




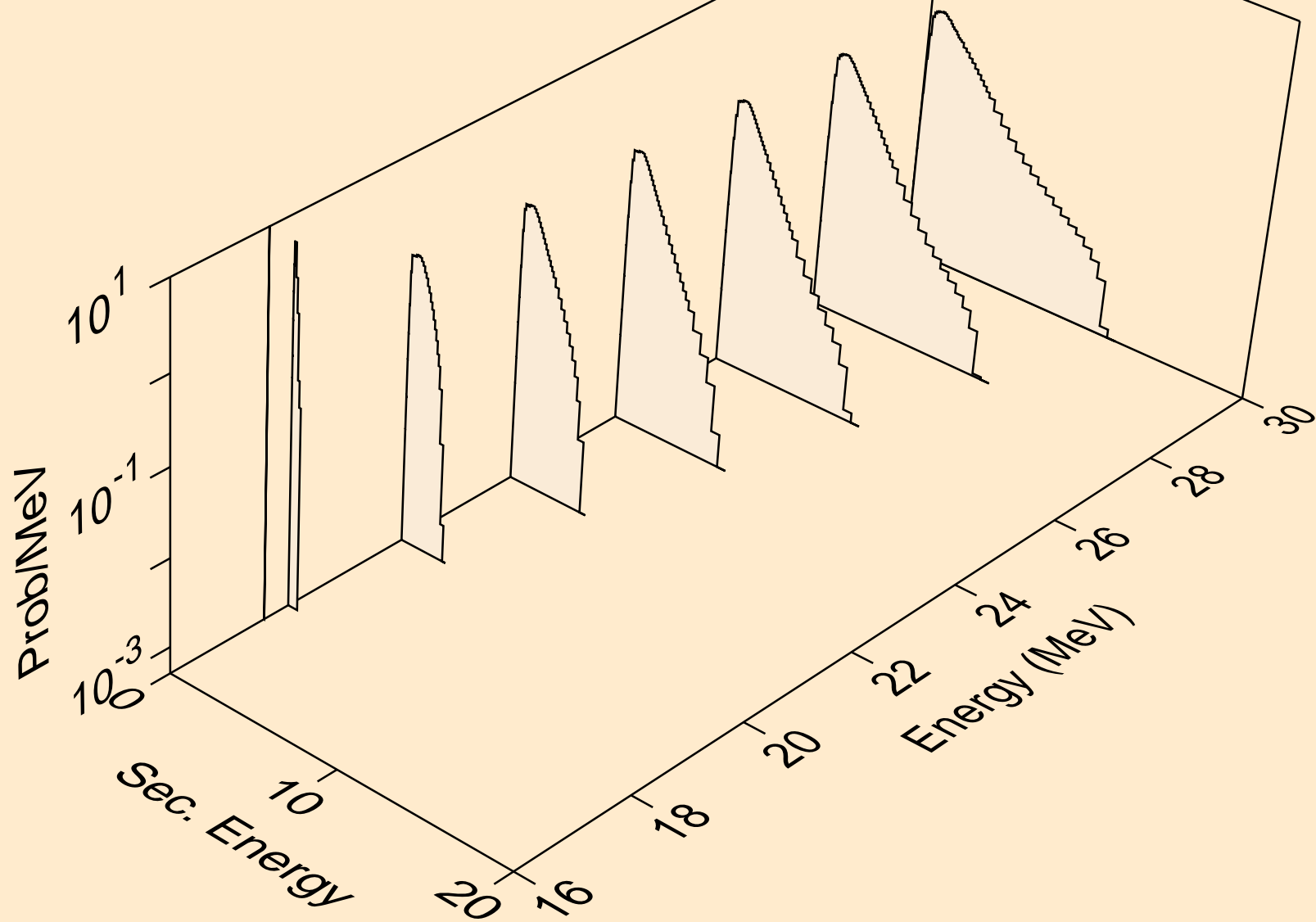
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neutrons from (p,x)



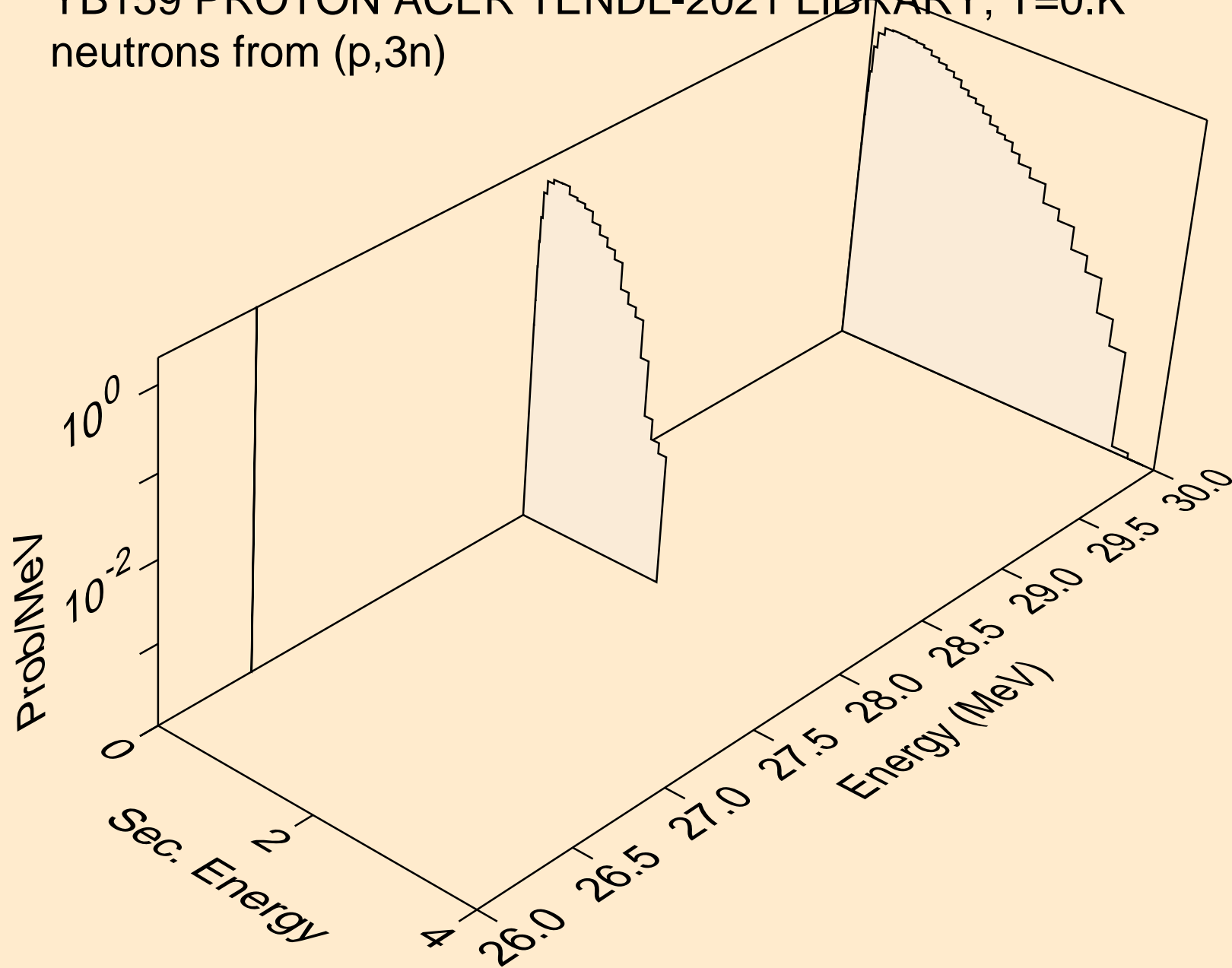
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neutrons from (p,2nd)



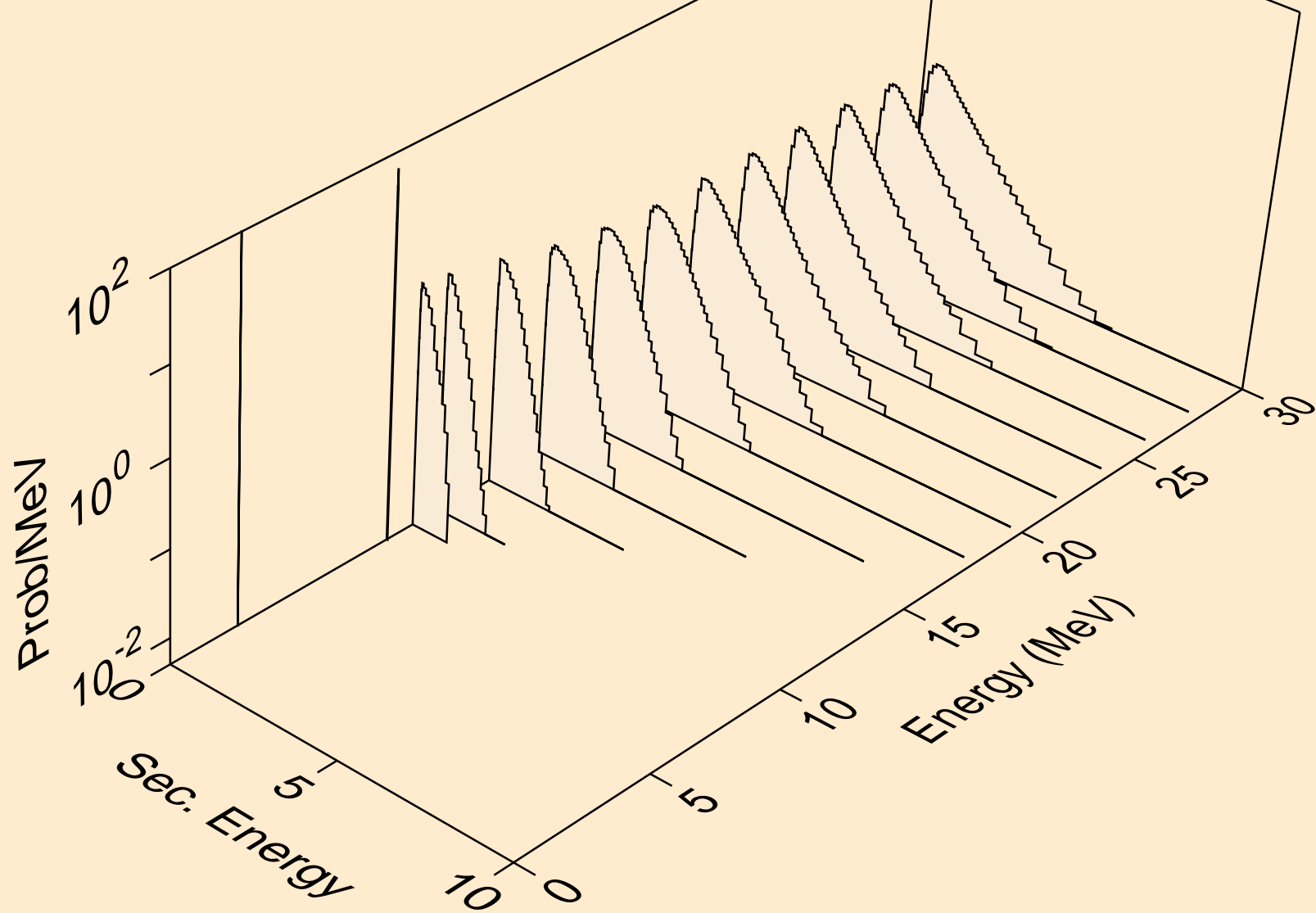
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neutrons from (p,2n)



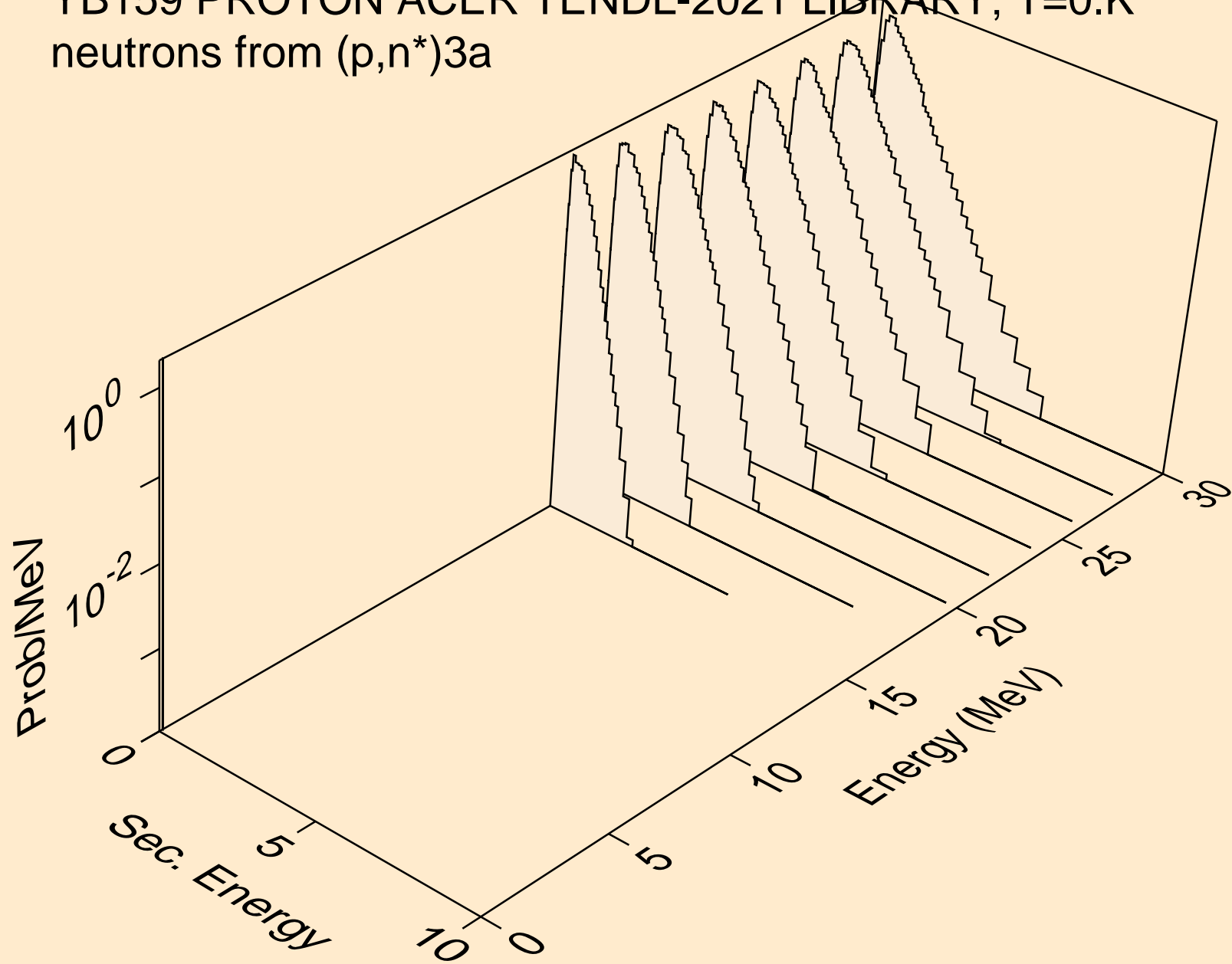
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



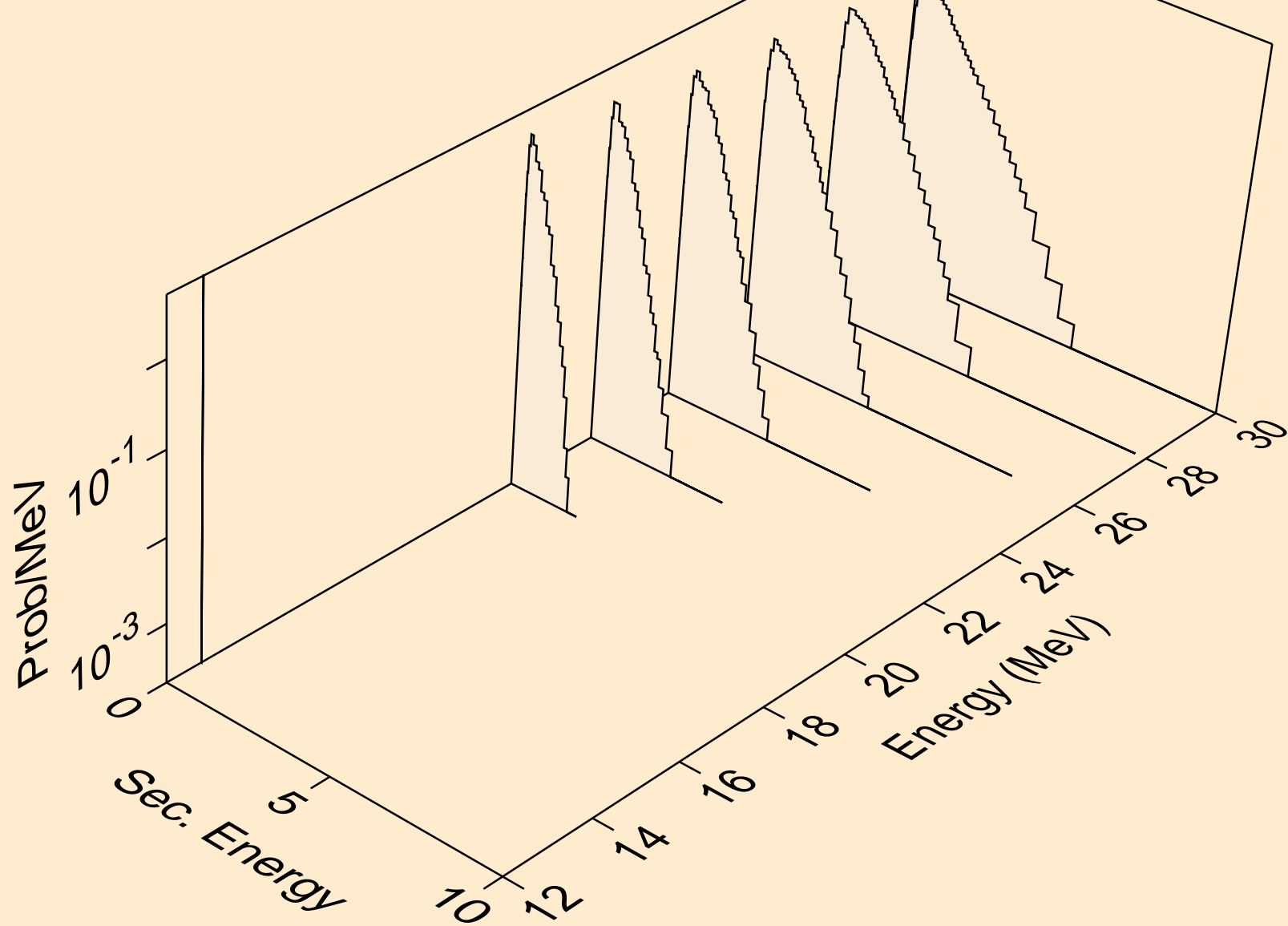
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



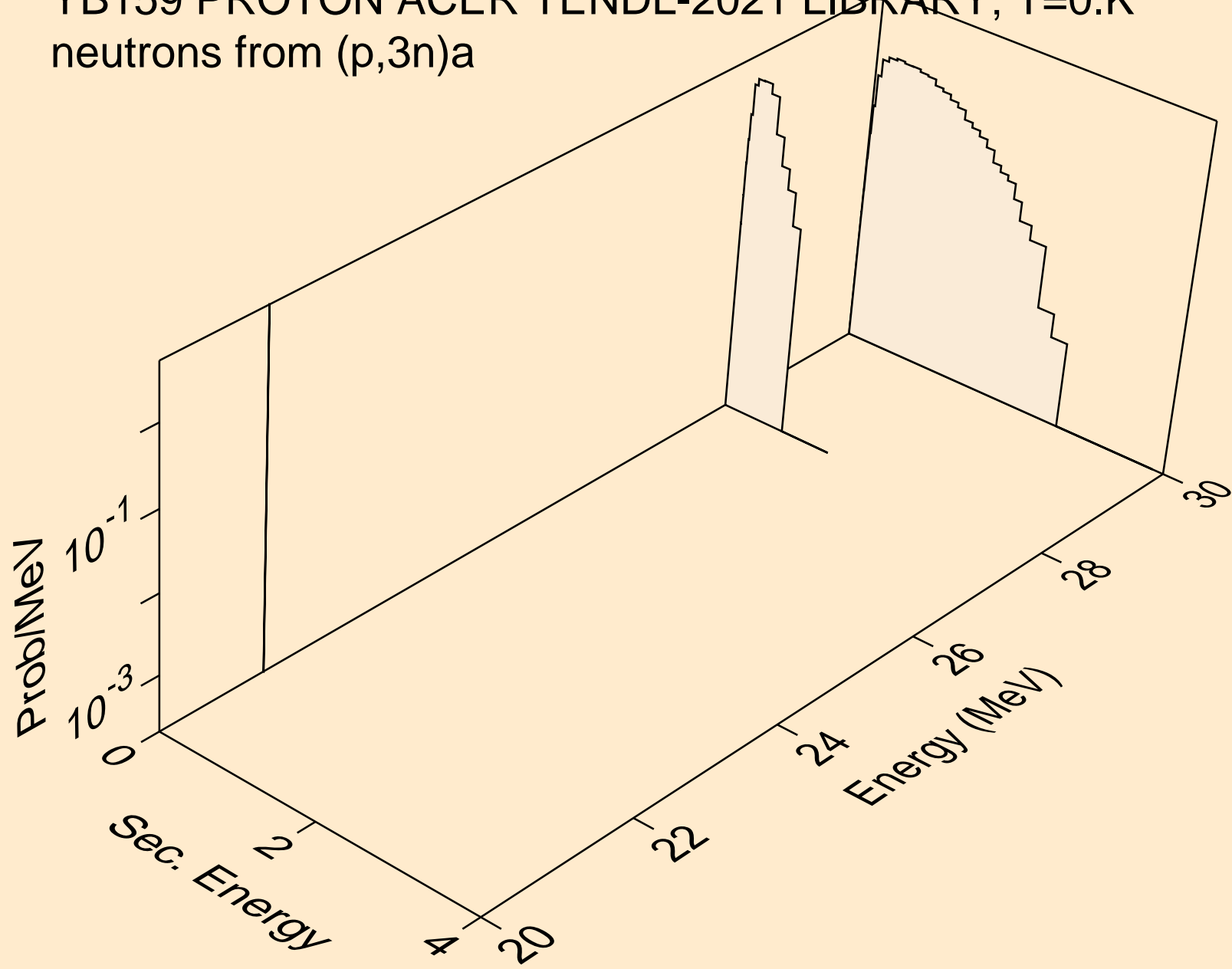
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)3a



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a

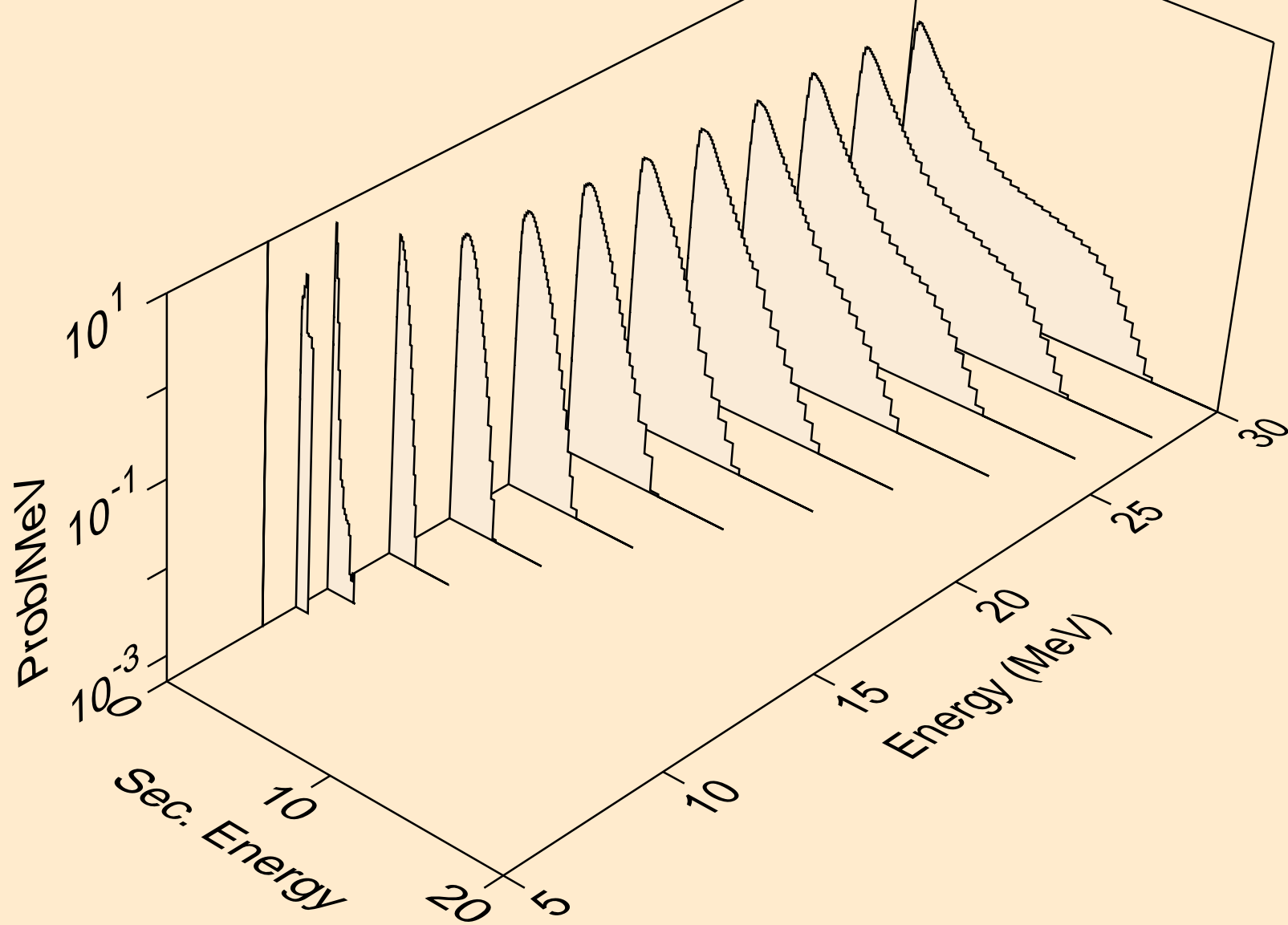


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neutrons from (p,3n)a

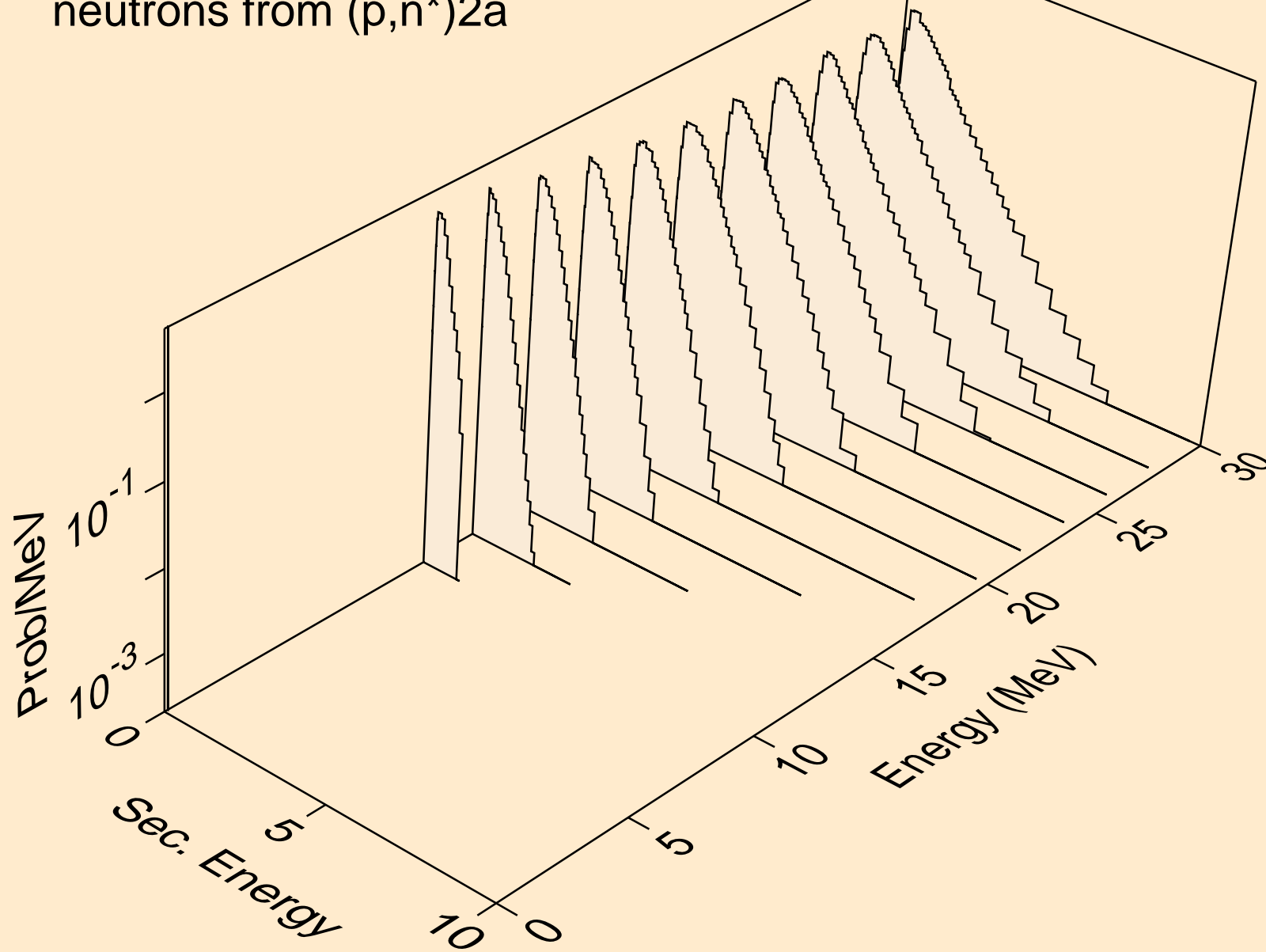




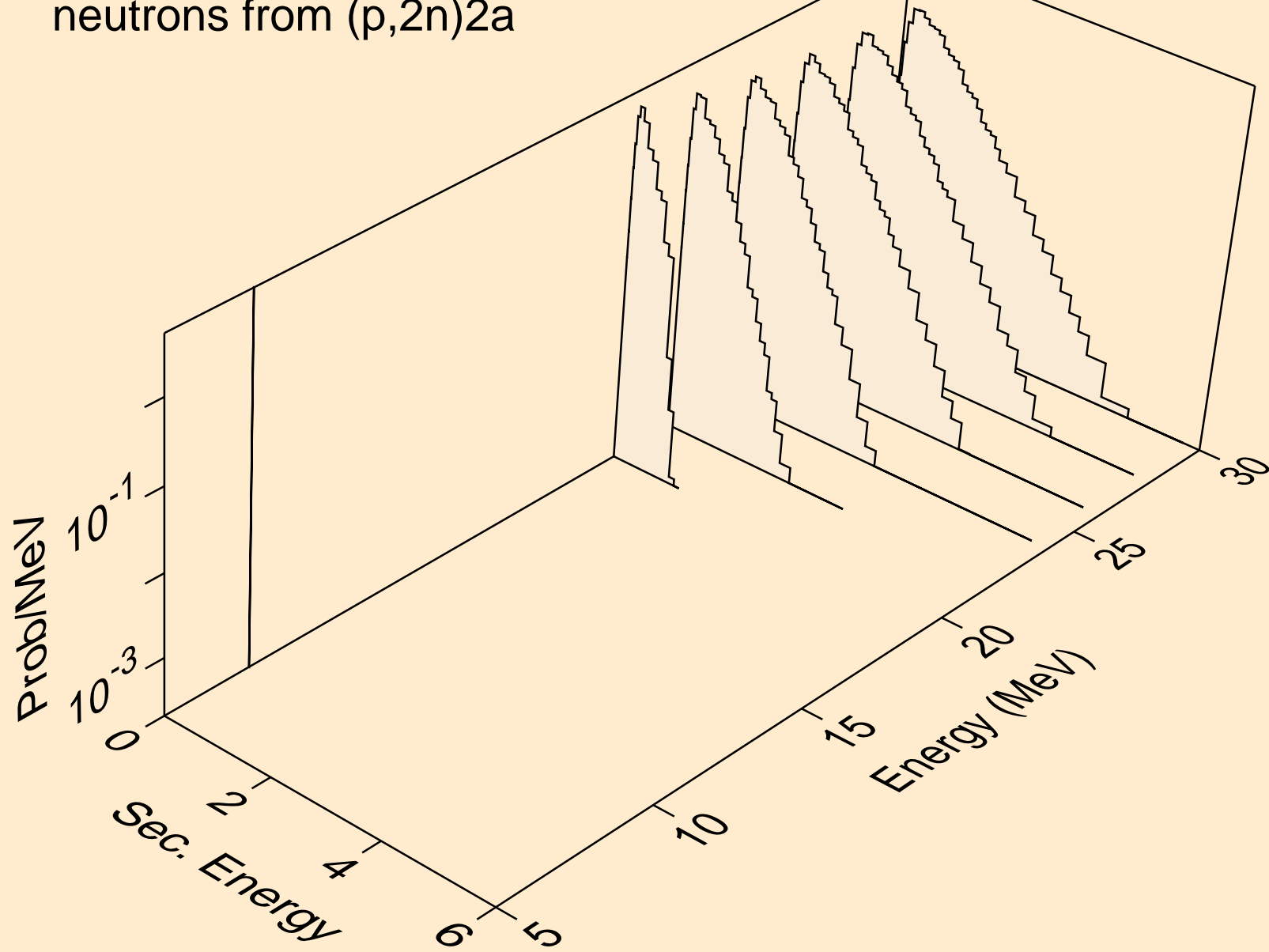
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neutrons from (p,n\*)p



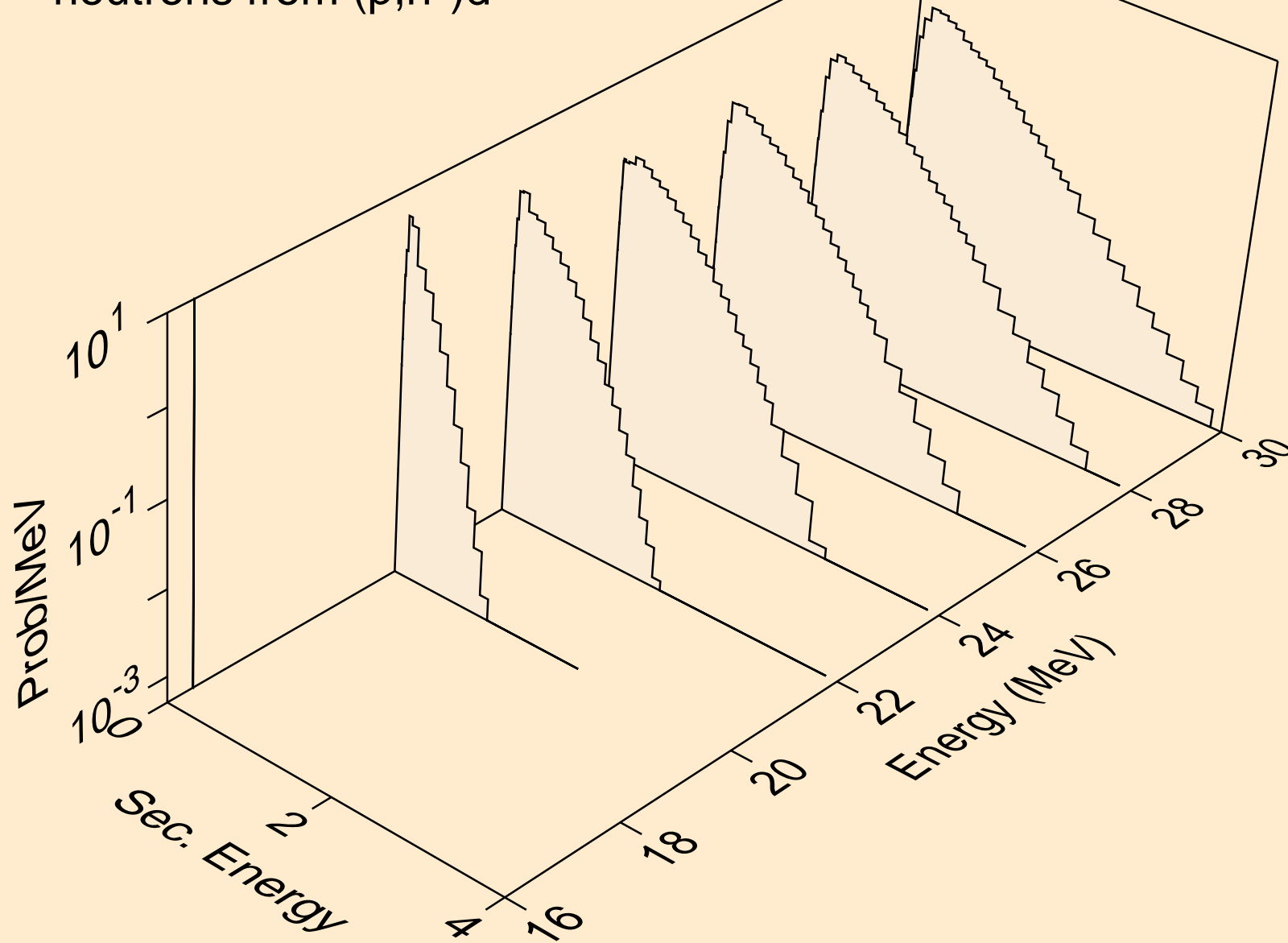
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



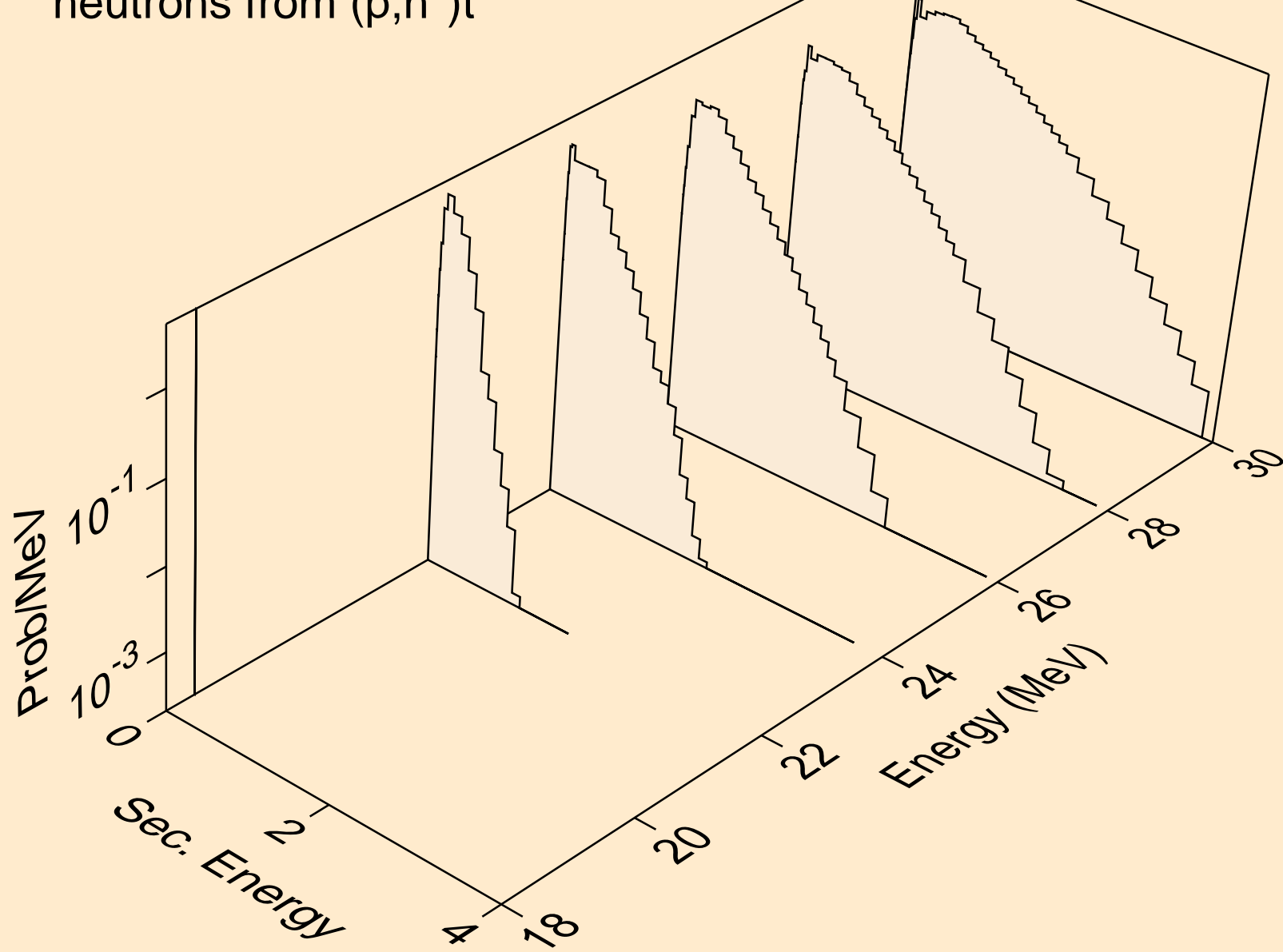
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)2a



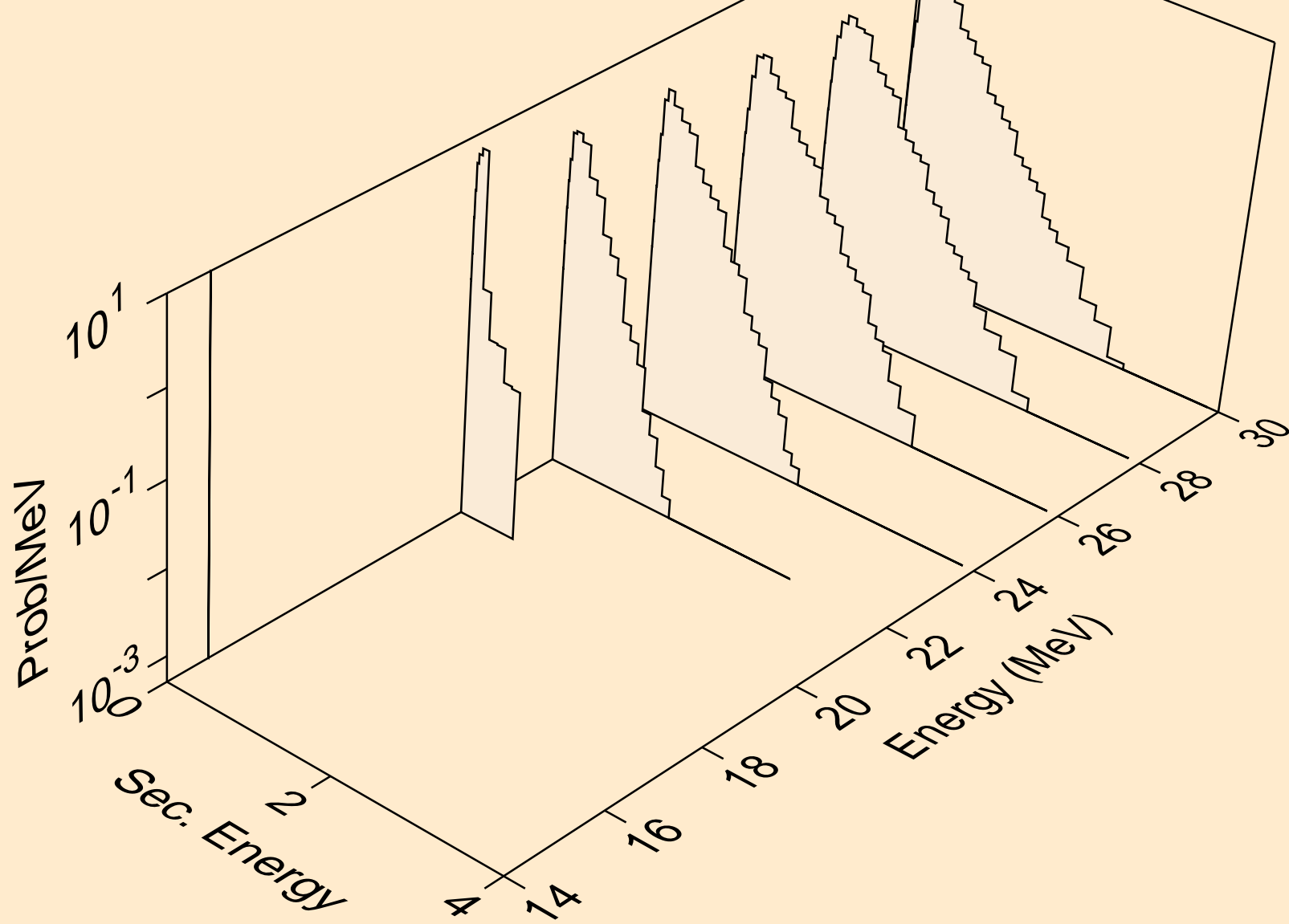
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



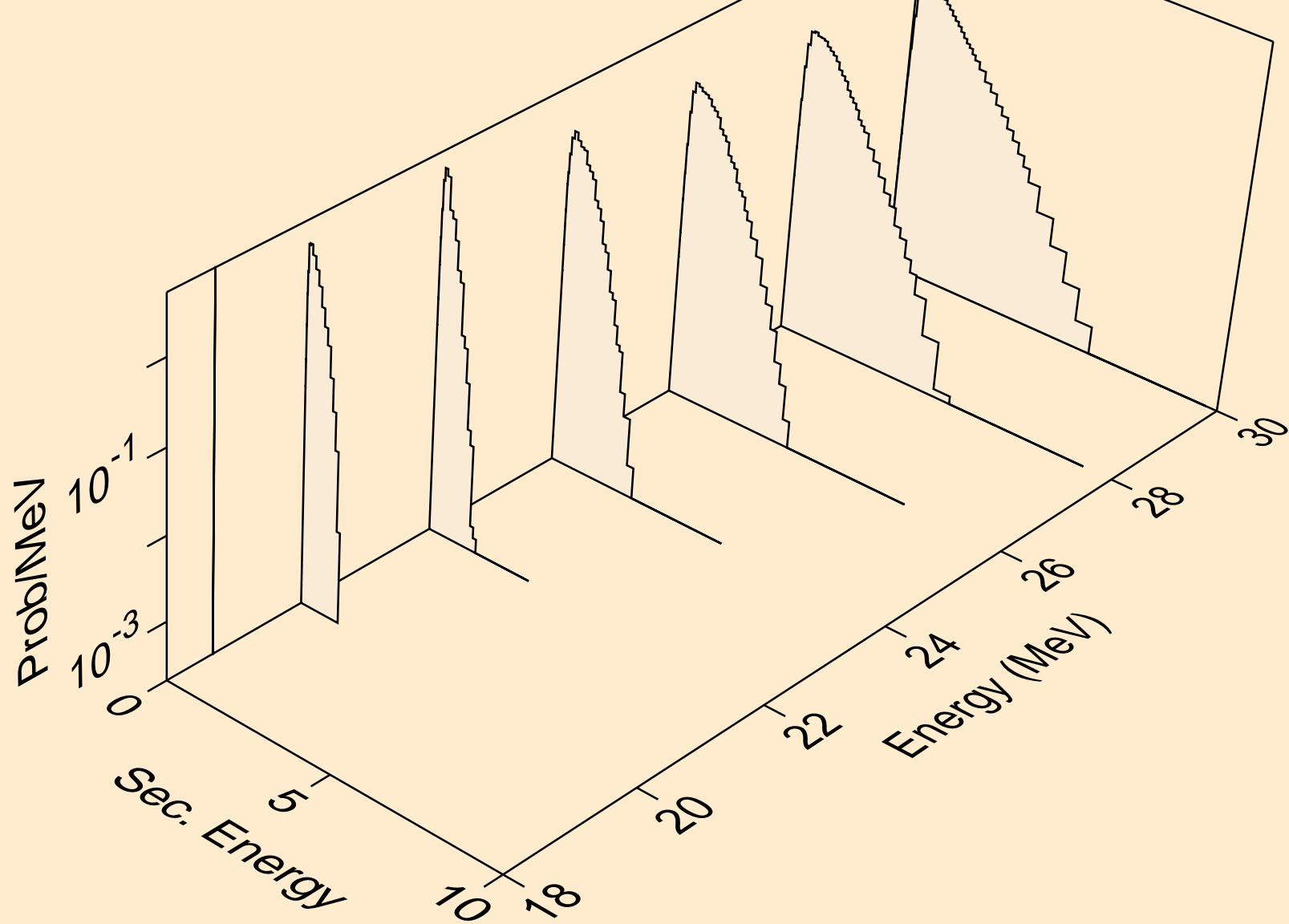
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



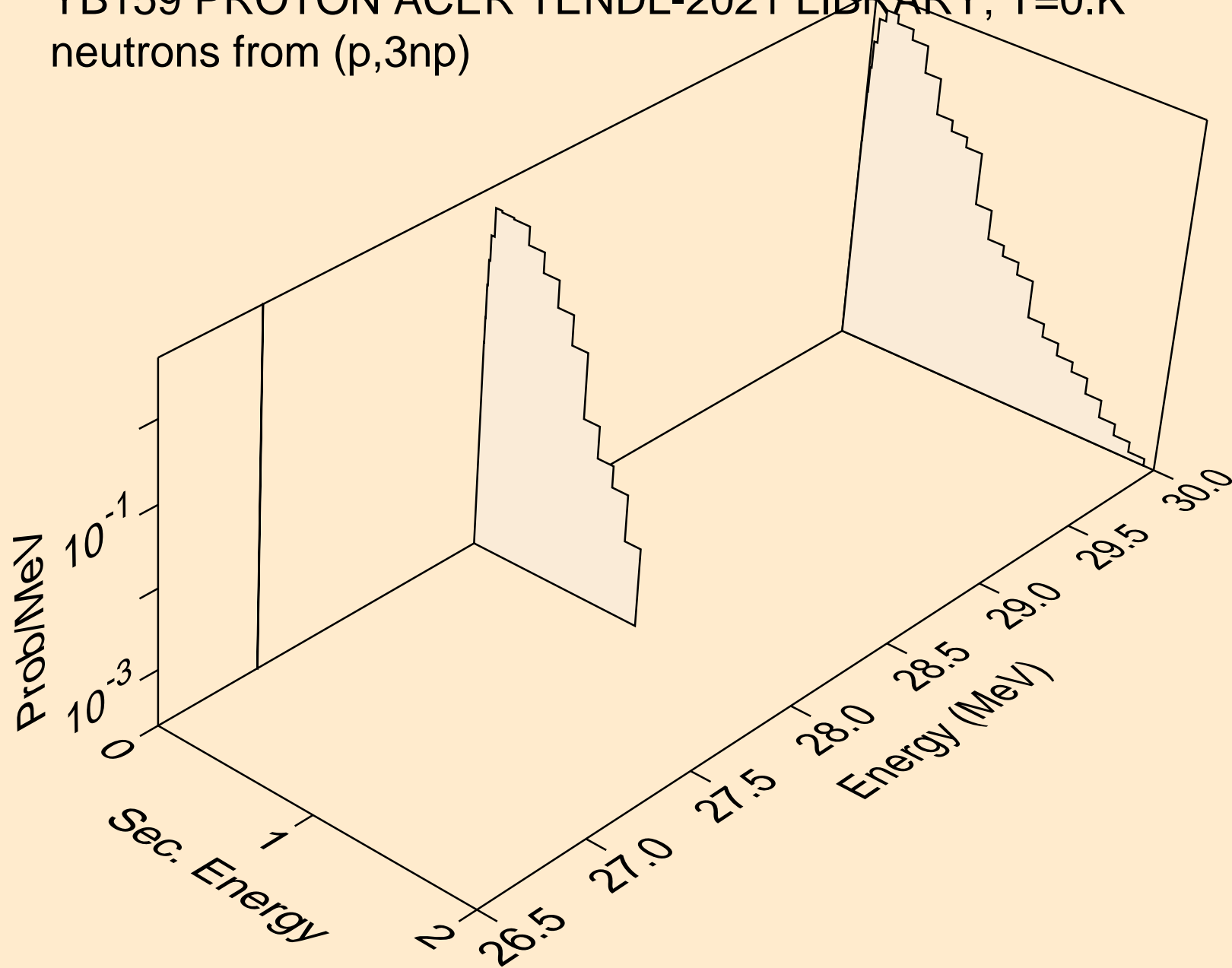
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

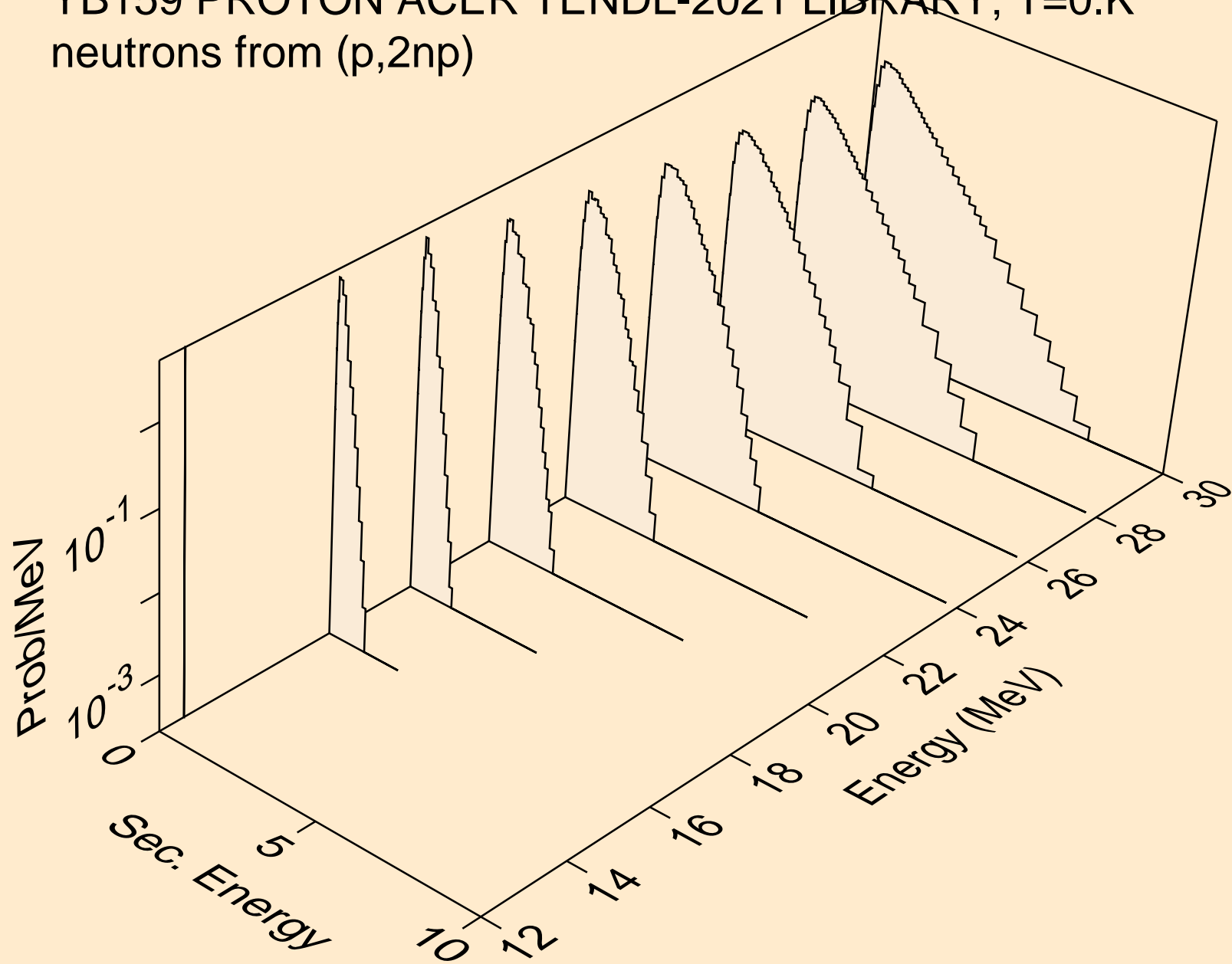


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neutrons from (p,3np)

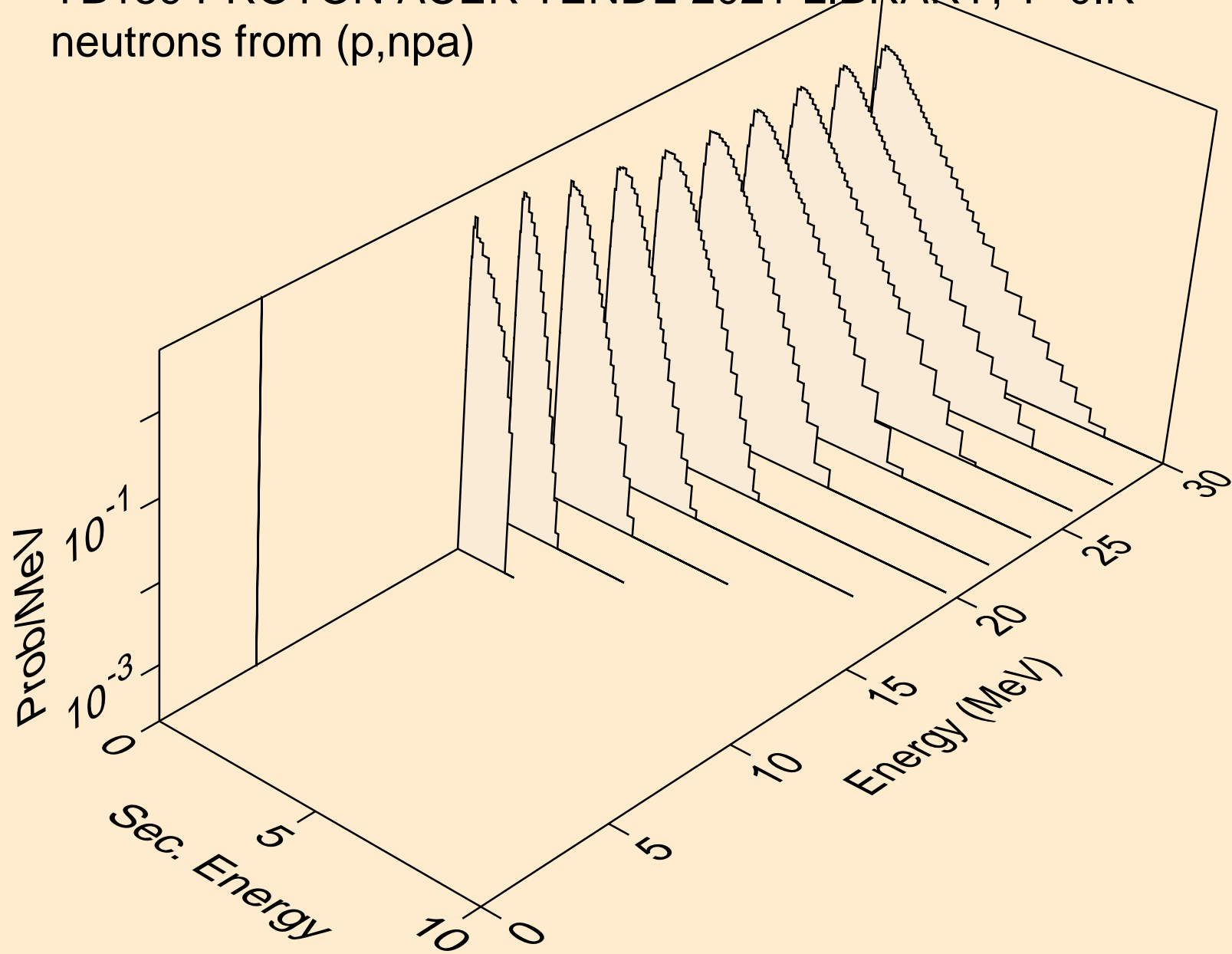




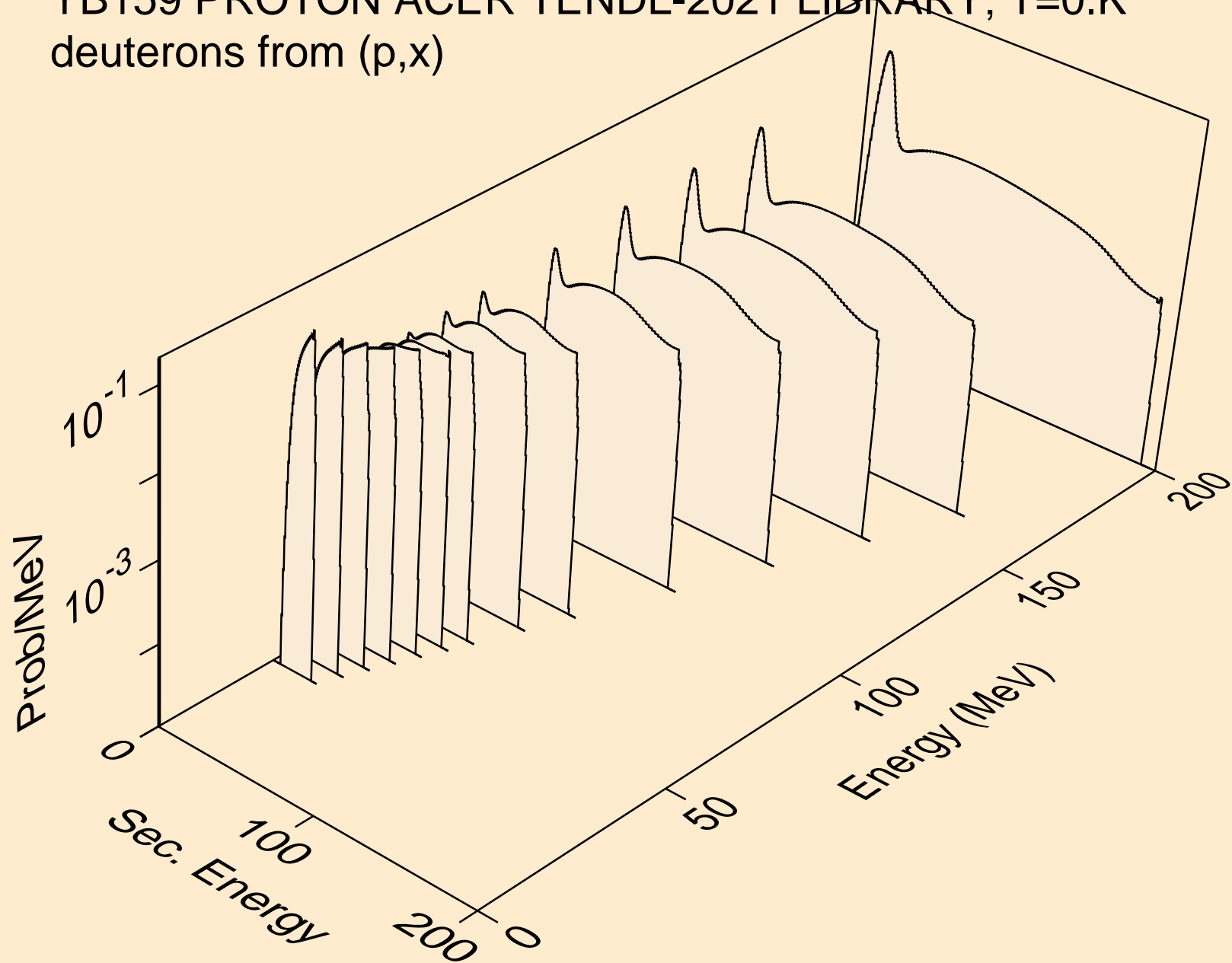
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neutrons from (p,2np)



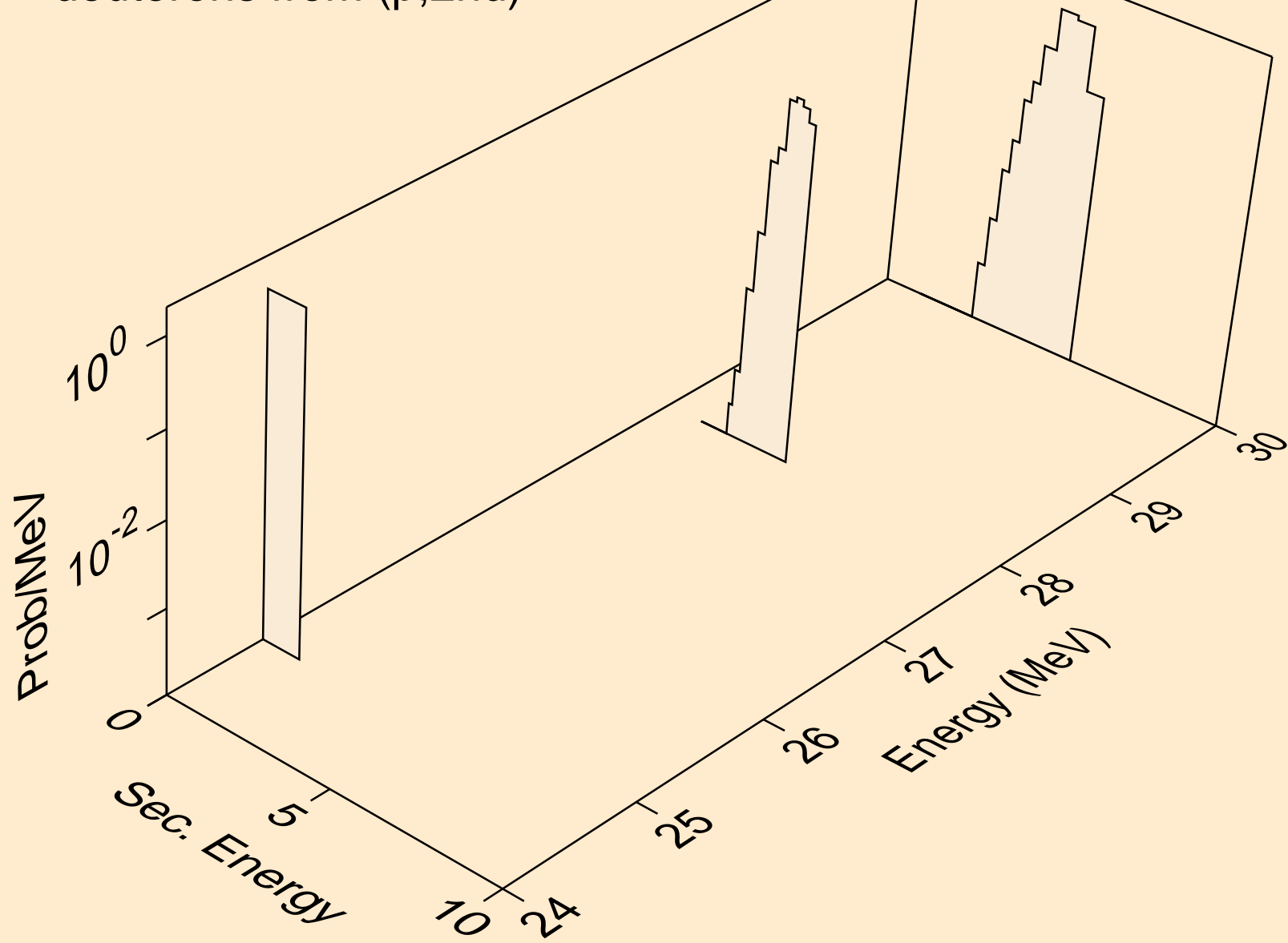
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neutrons from (p,npa)



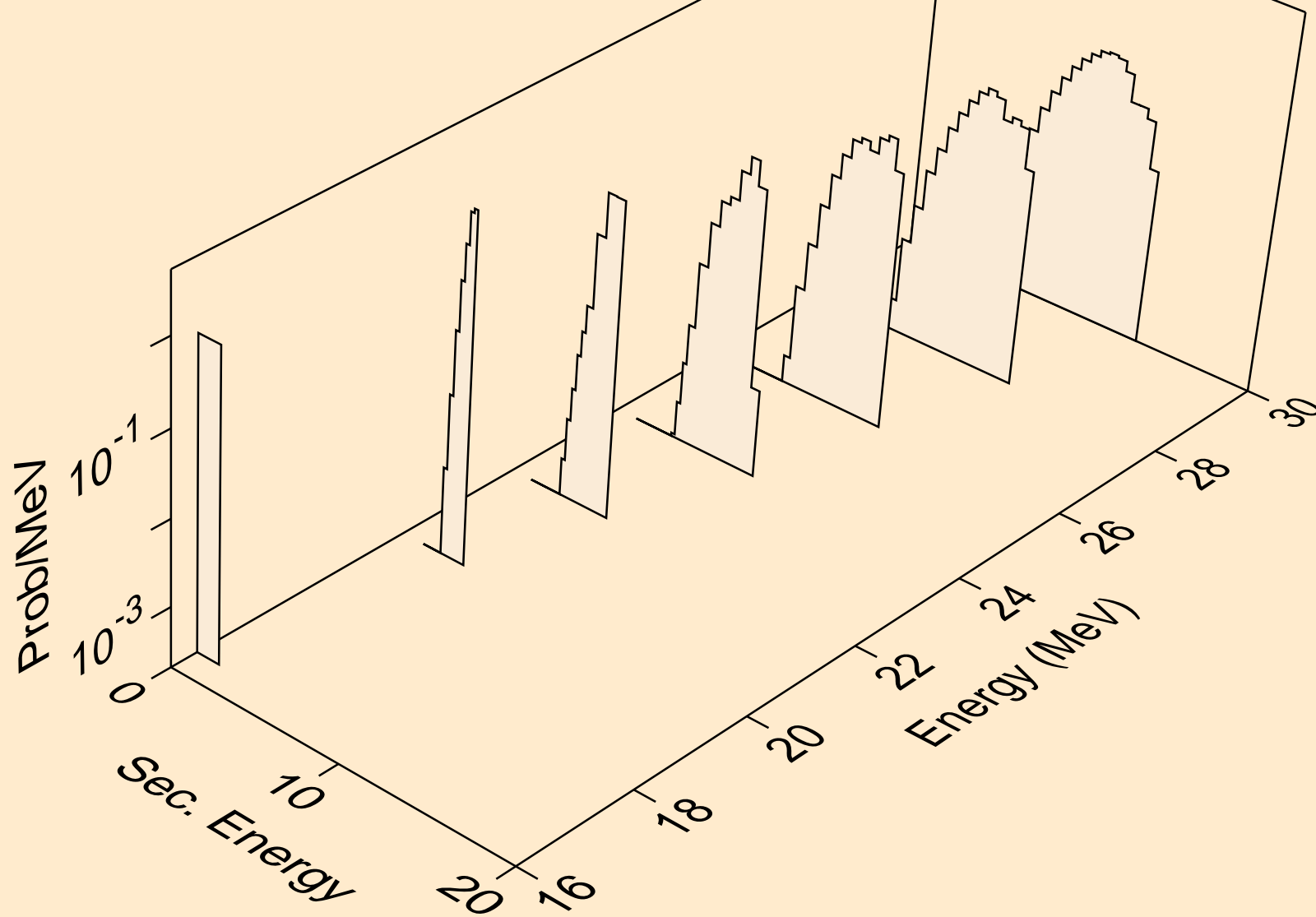
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deuterons from (p,x)



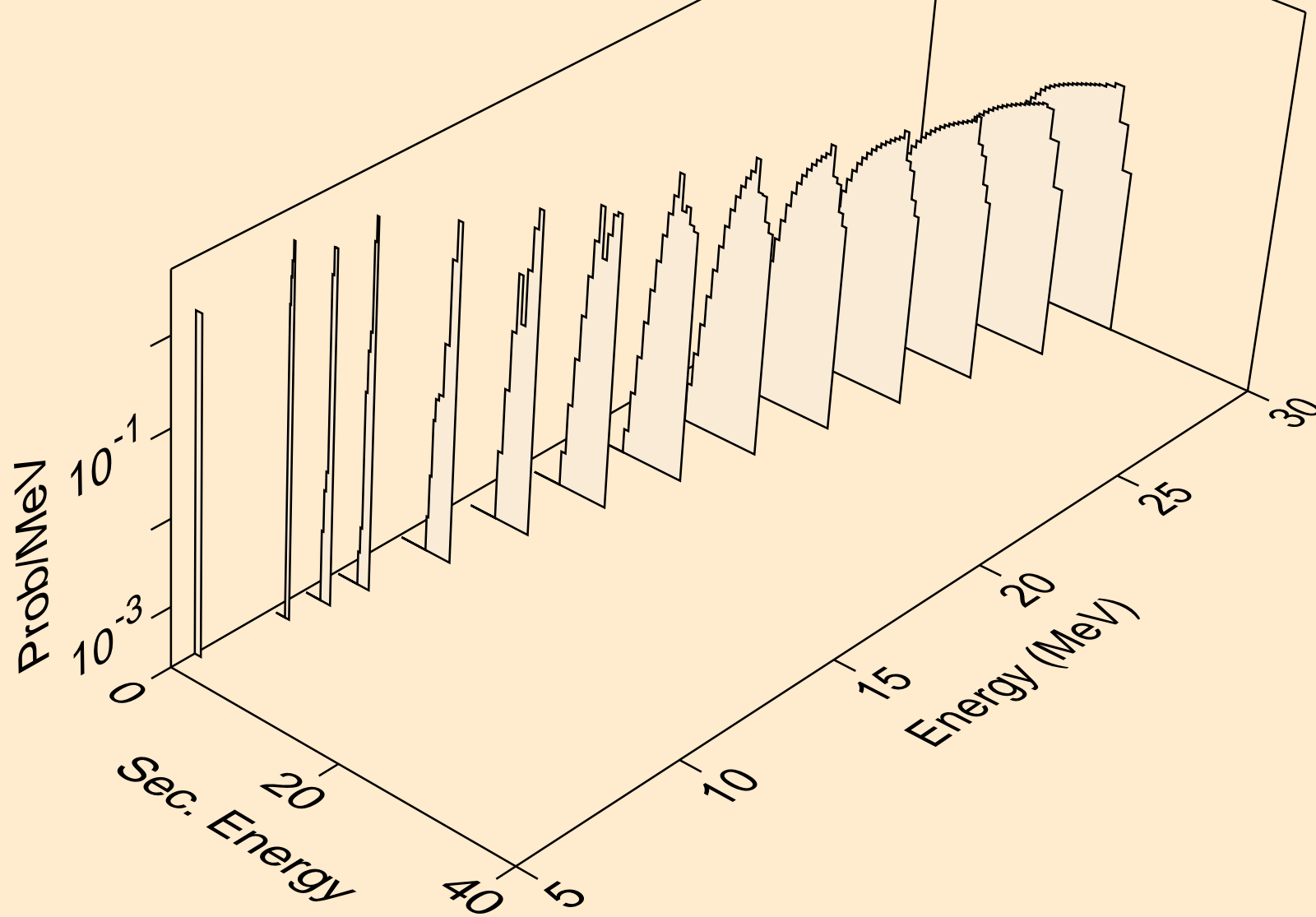
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deuterons from (p,2nd)



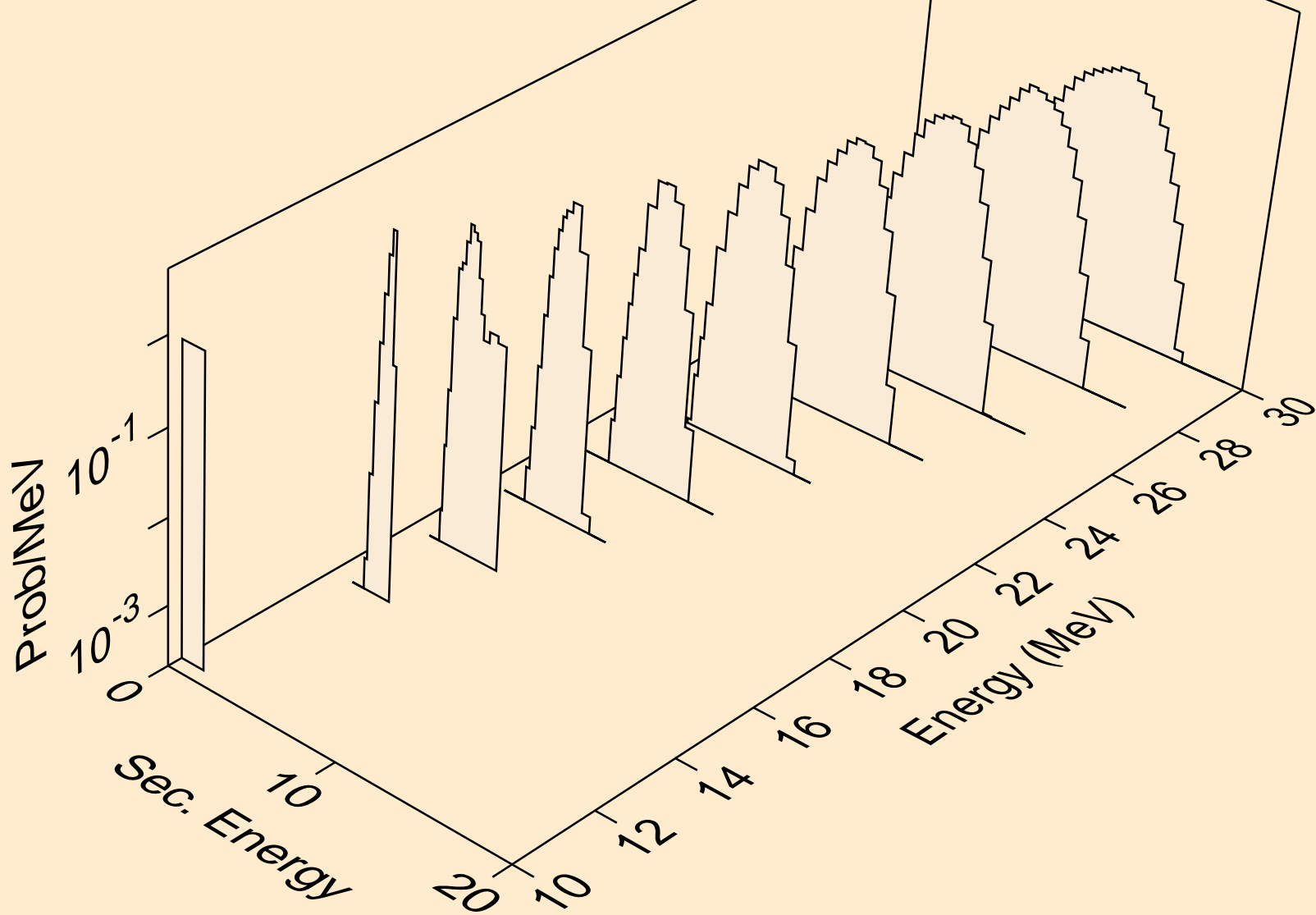
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deuterons from (p,n\*)d



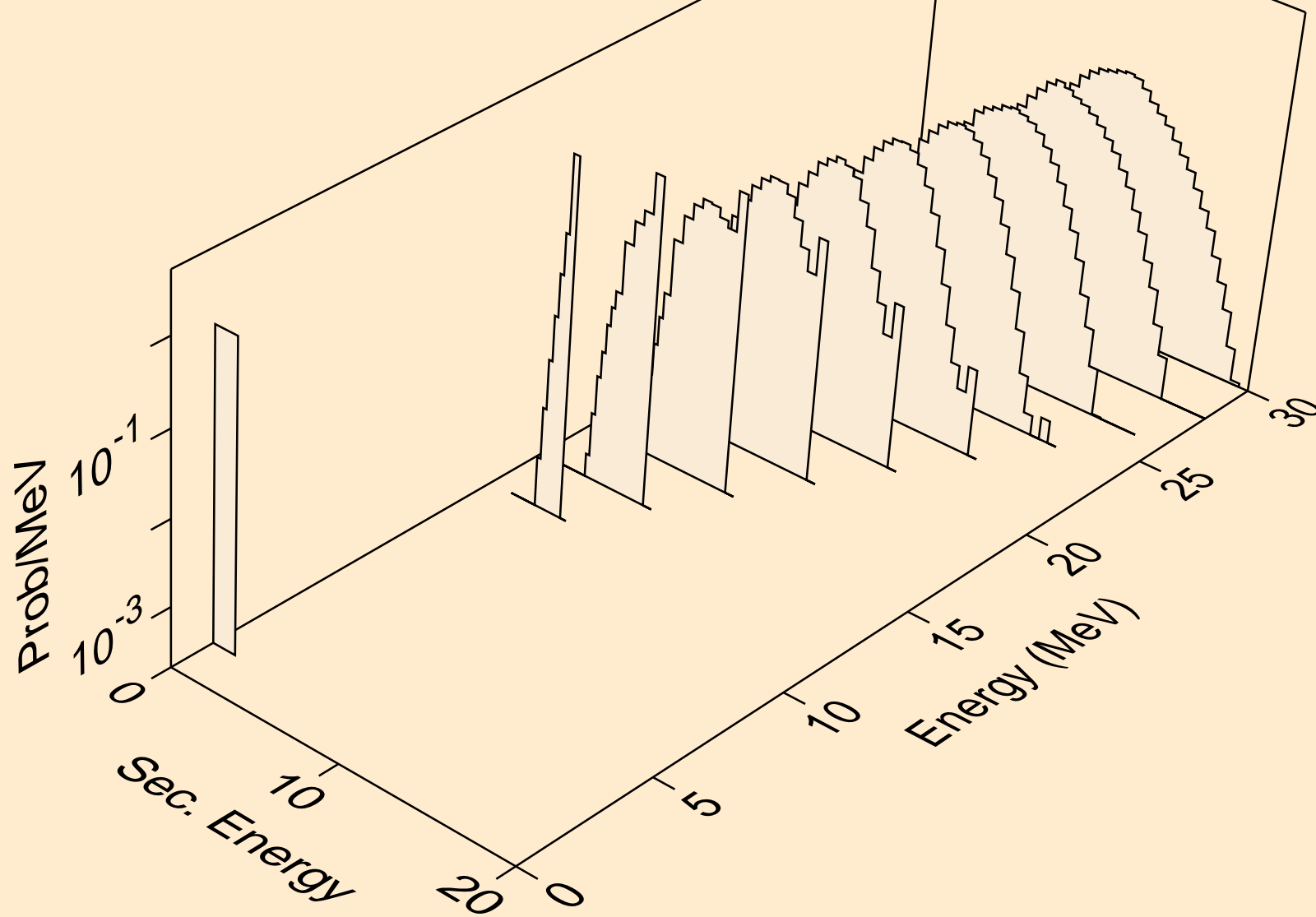
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)

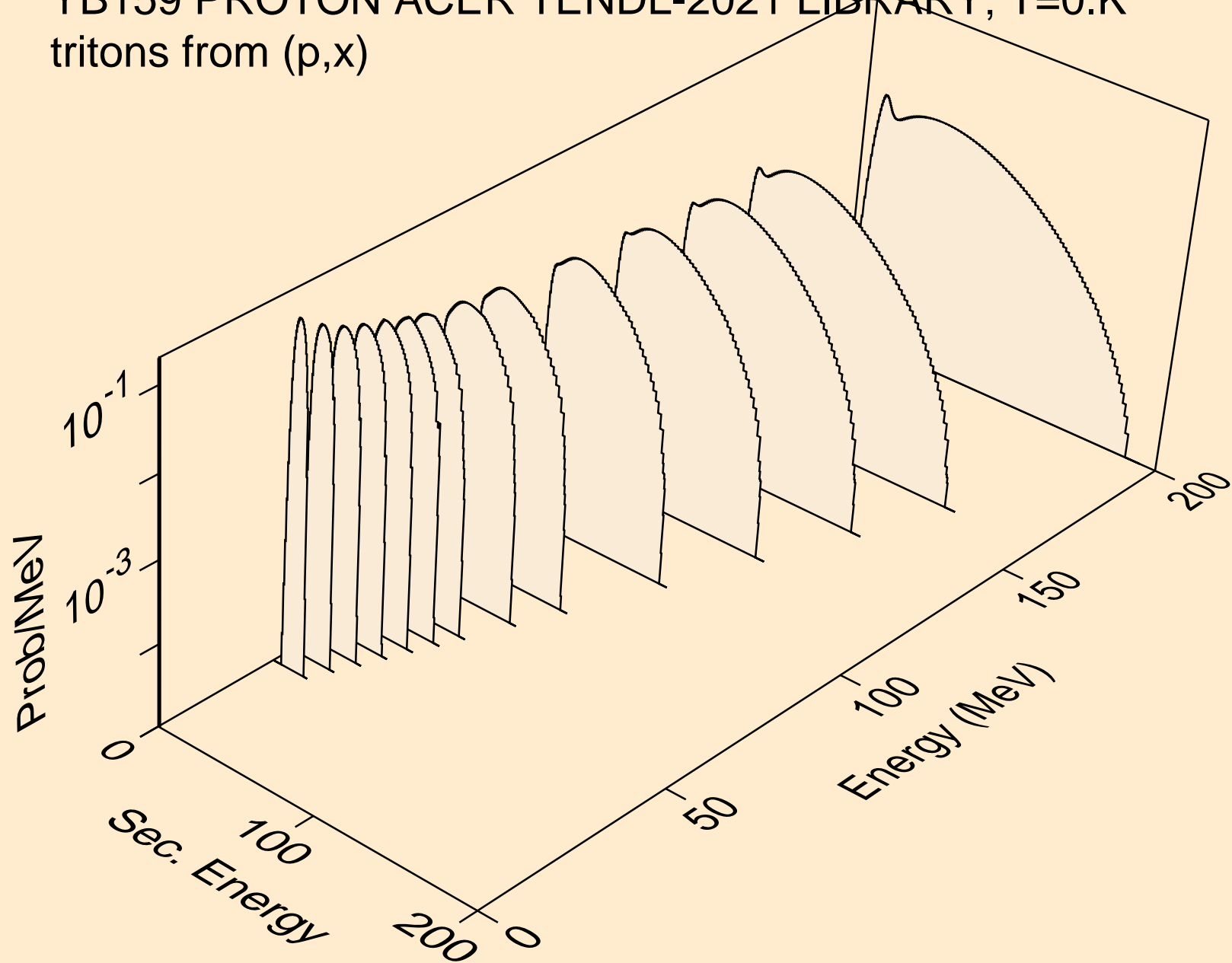


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deuterons from (p,da)

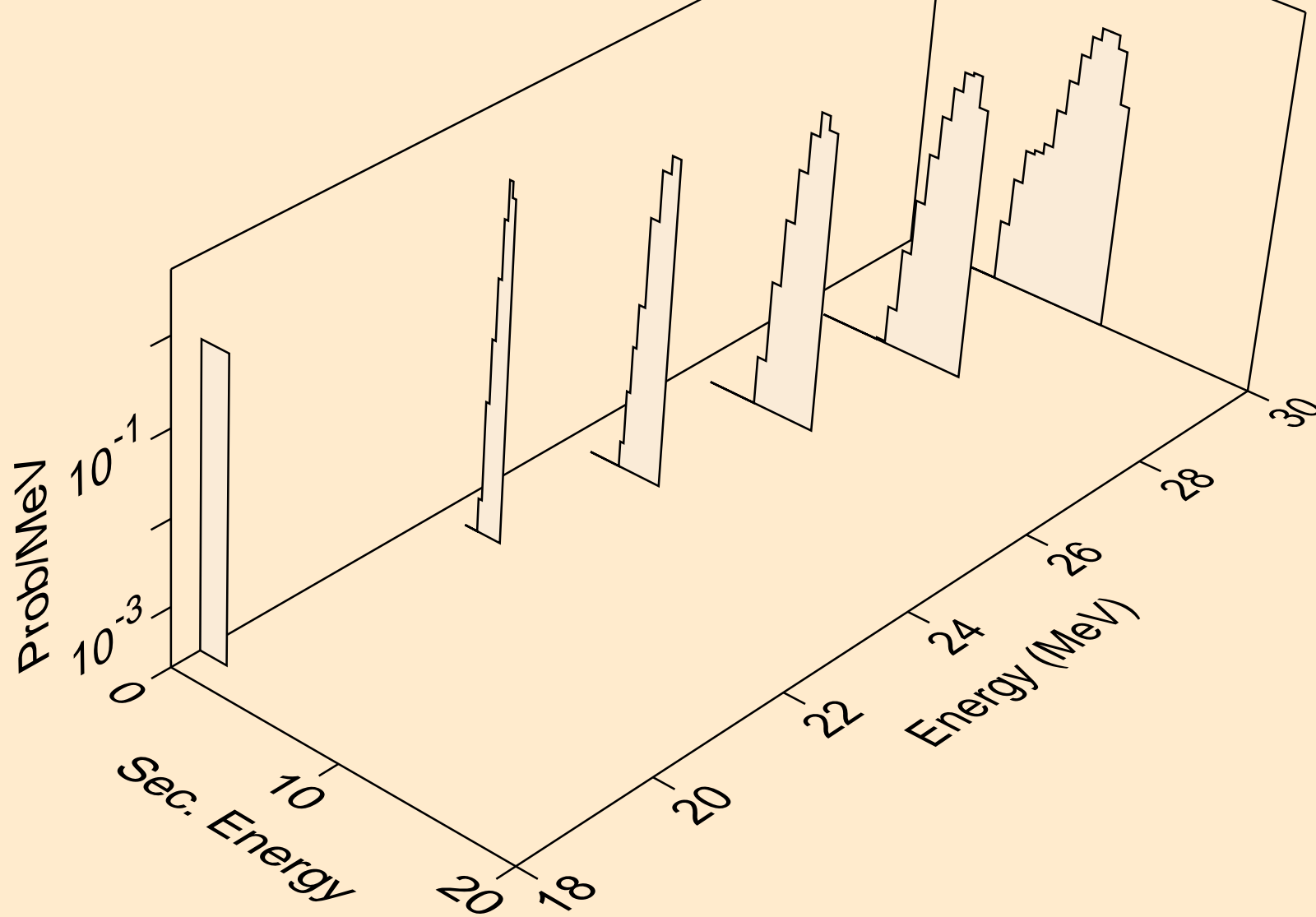




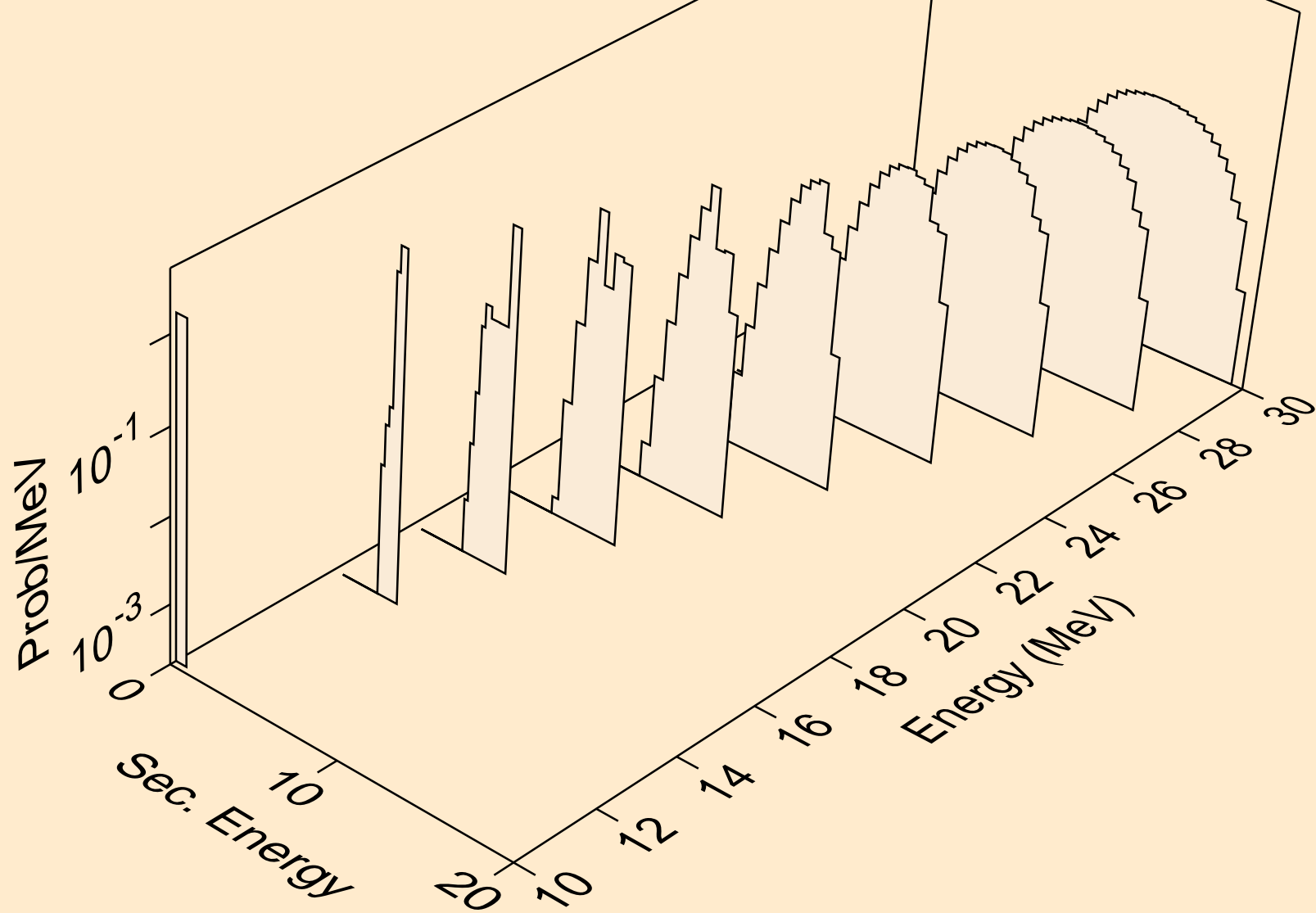
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tritons from (p,x)



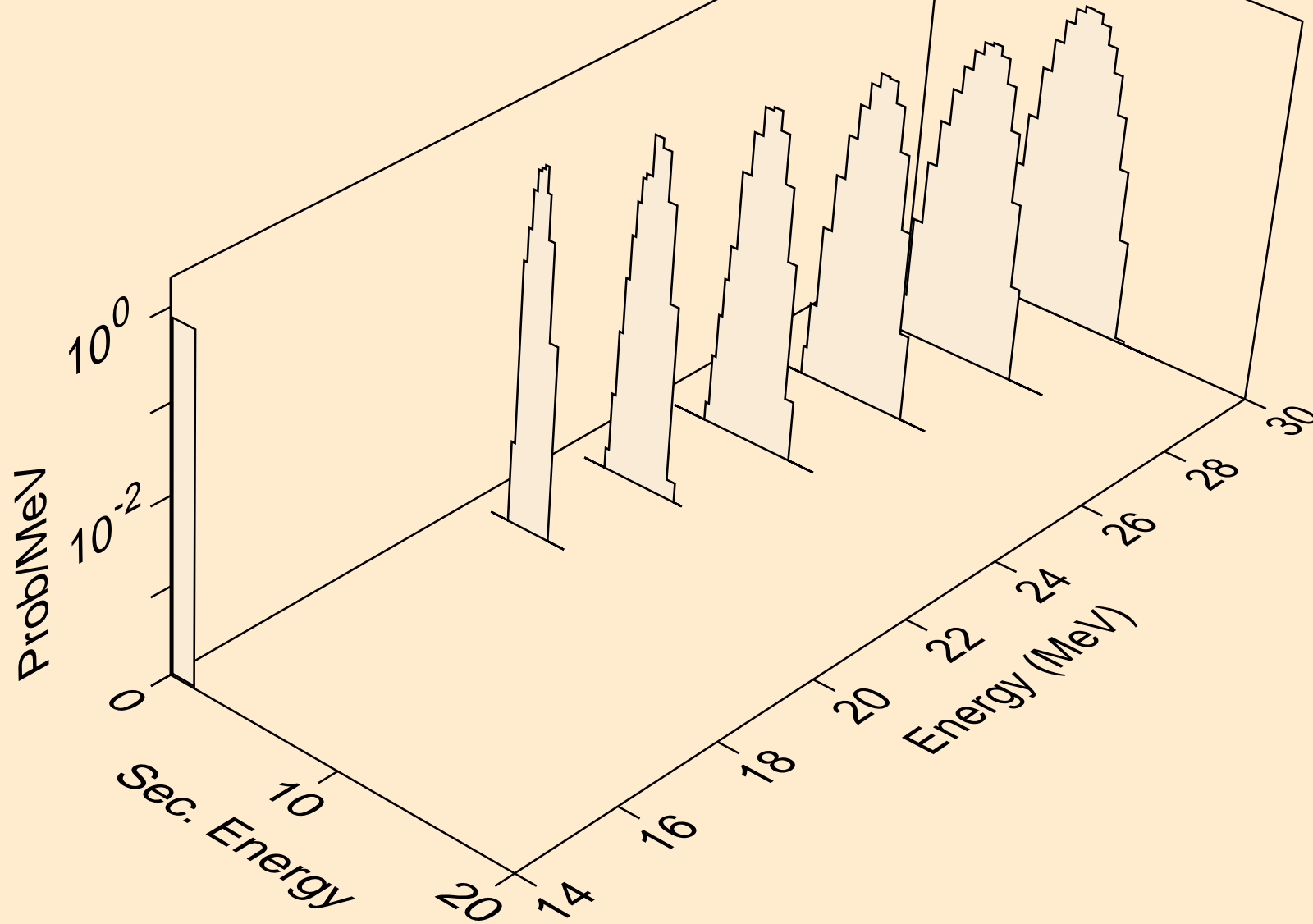
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tritons from (p,n\*)t



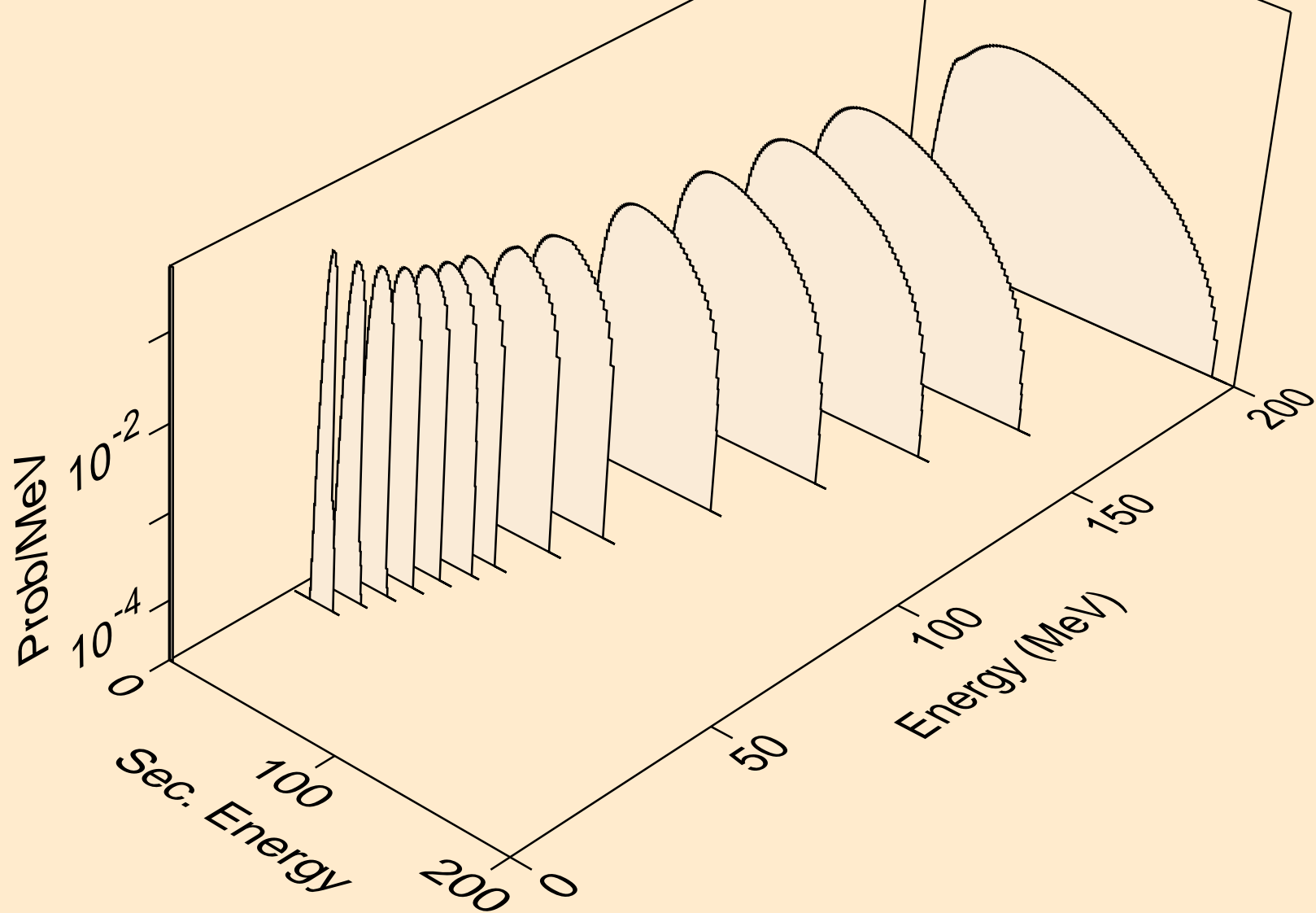
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tritons from (p,t)



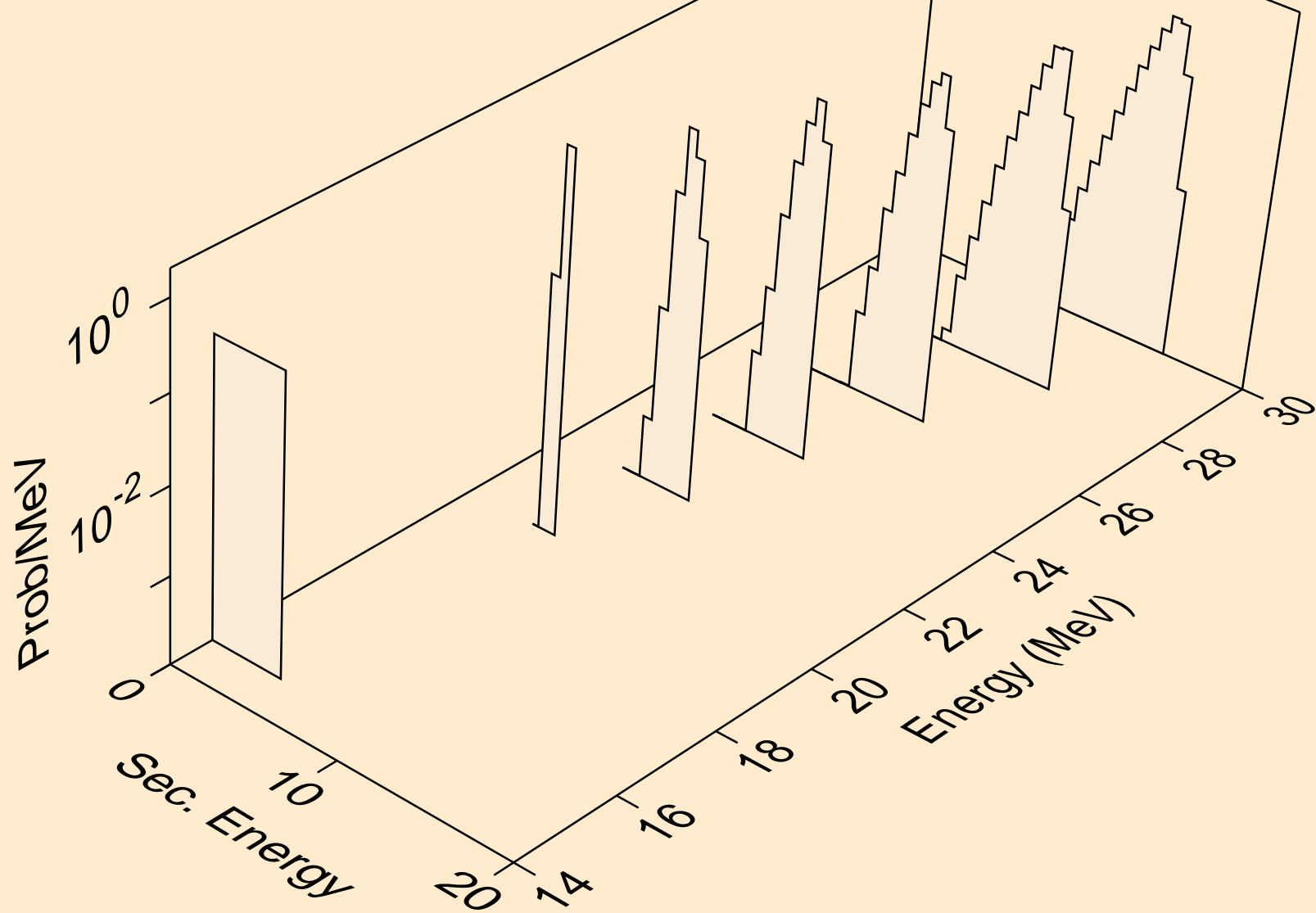
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tritons from (p,pt)



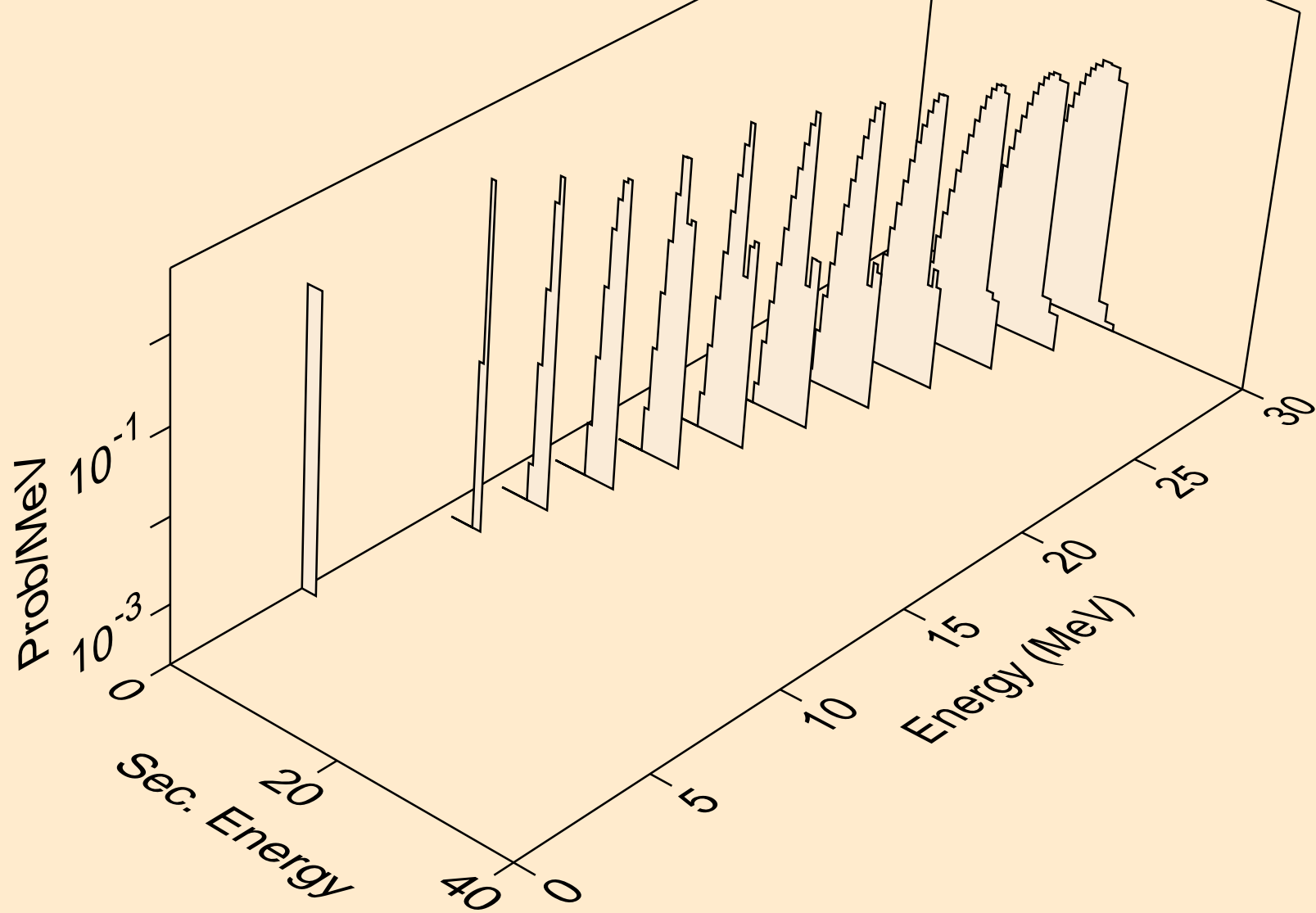
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



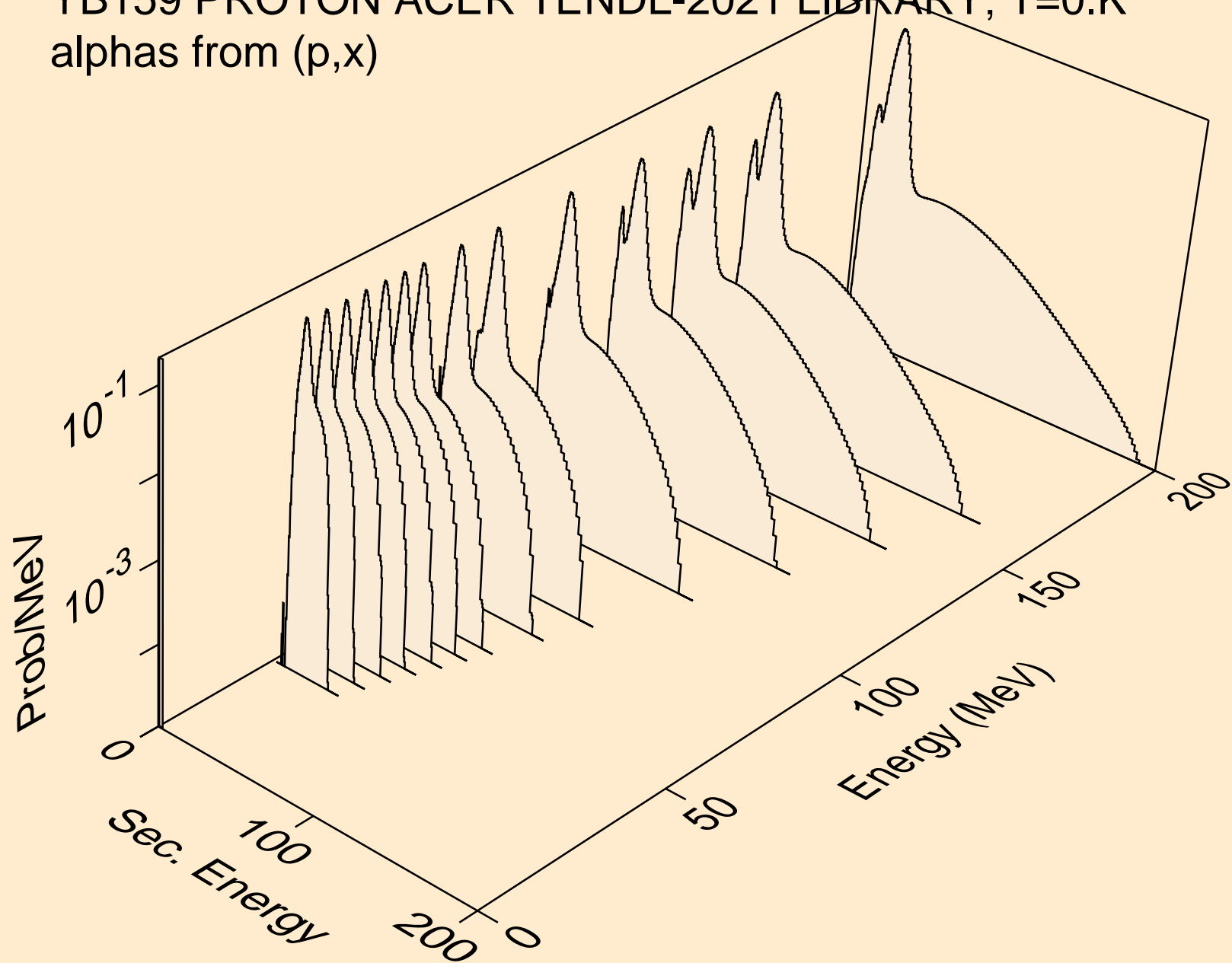
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

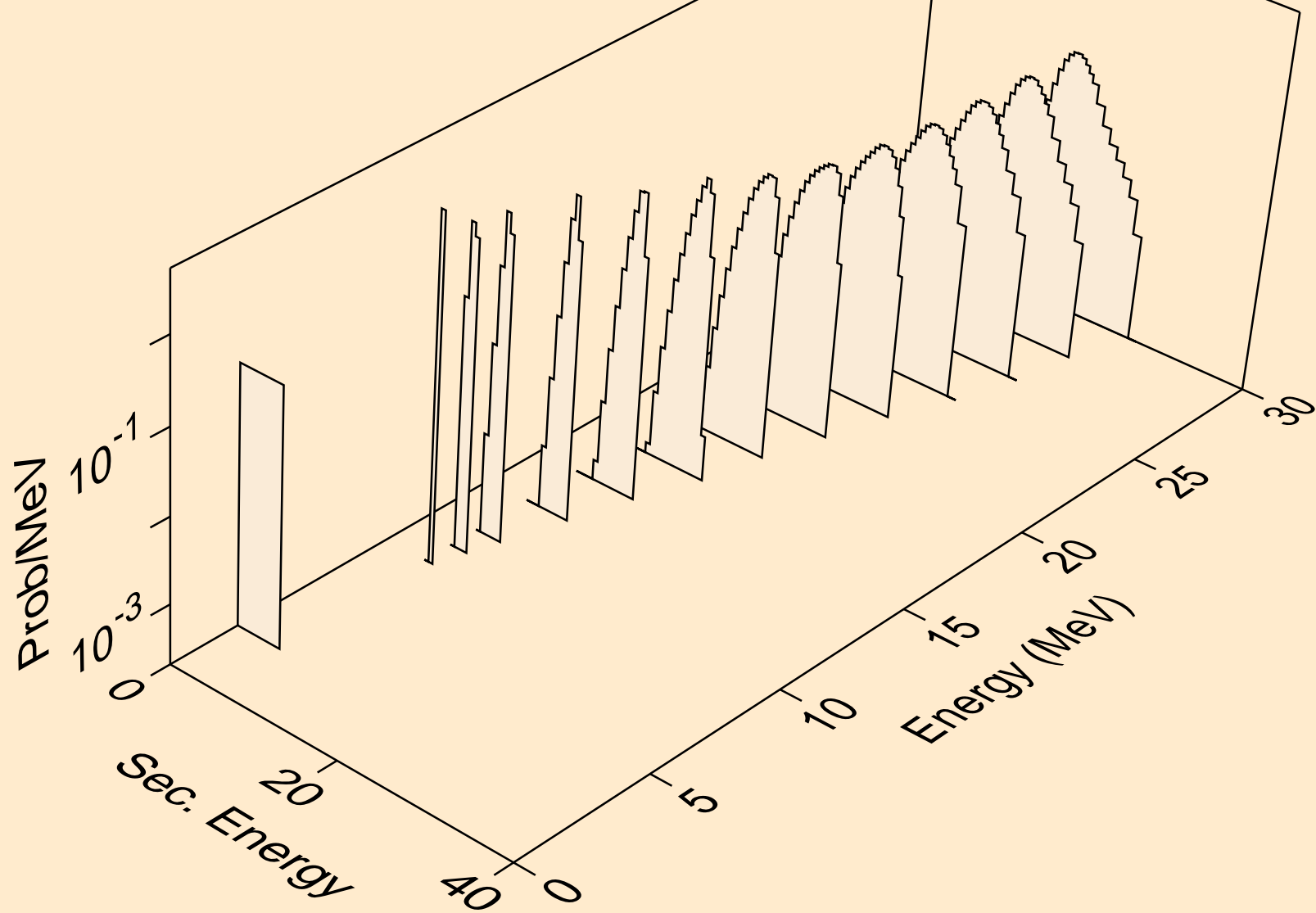


YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

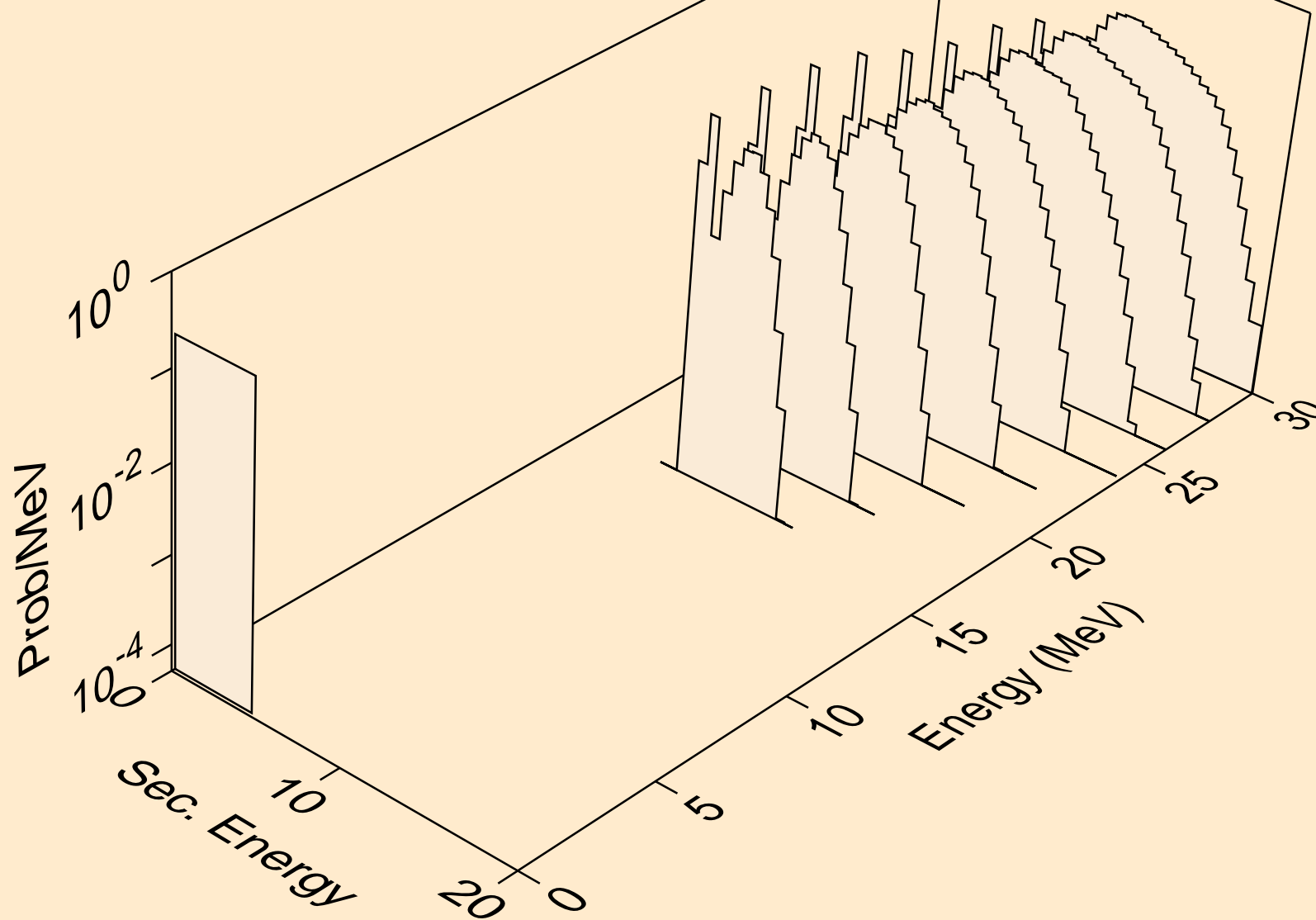




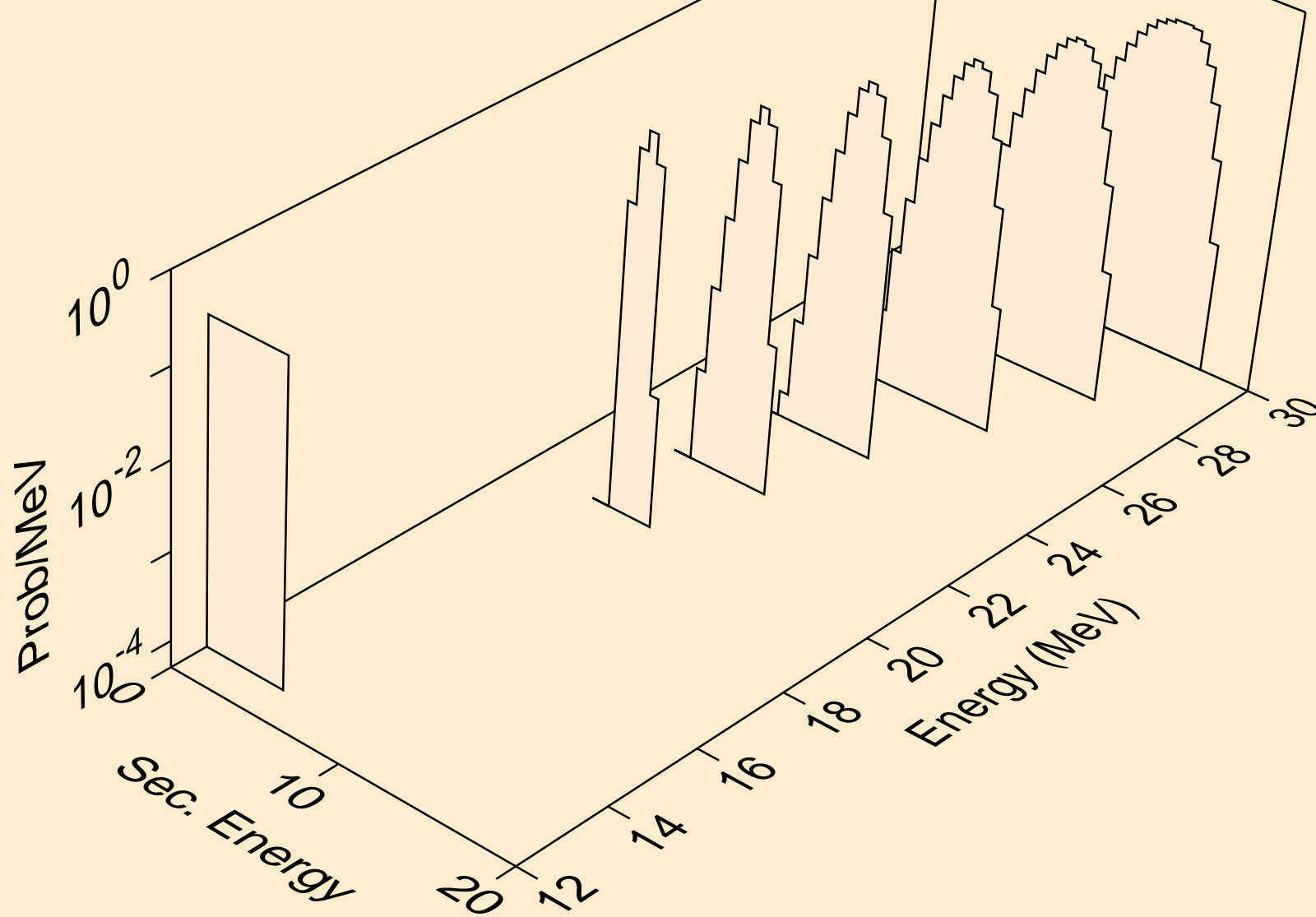
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



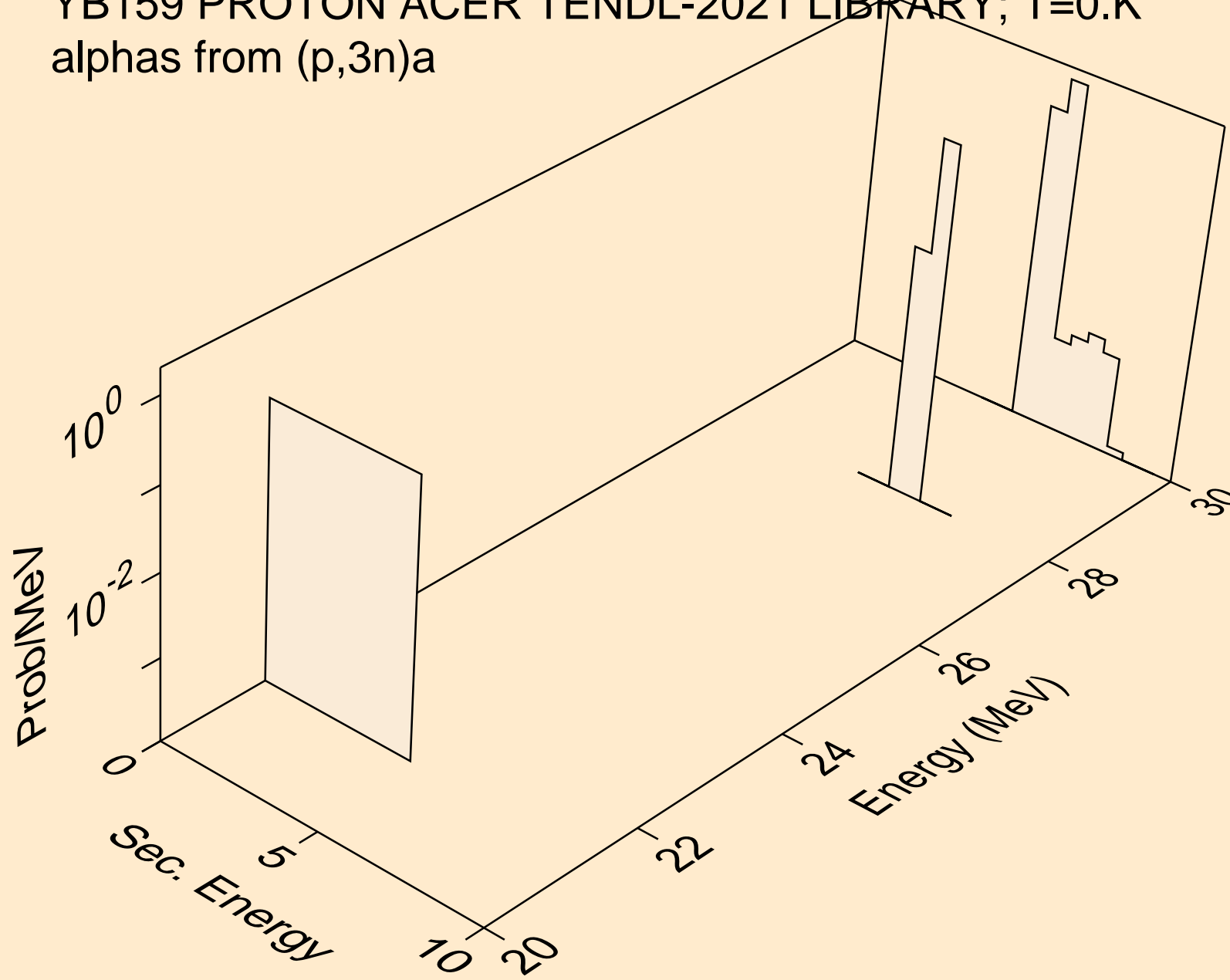
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alphas from (p,n\*)3a



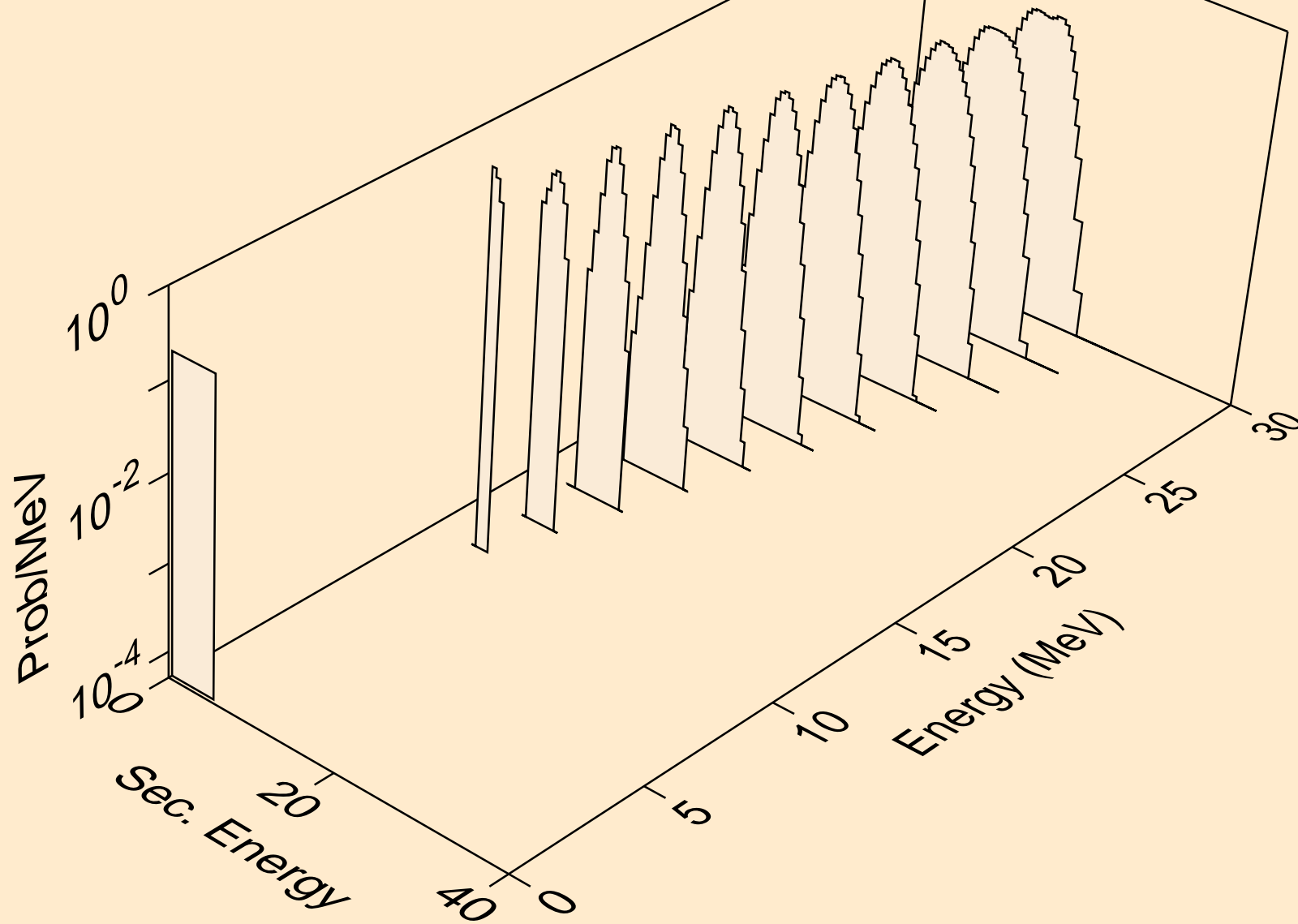
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



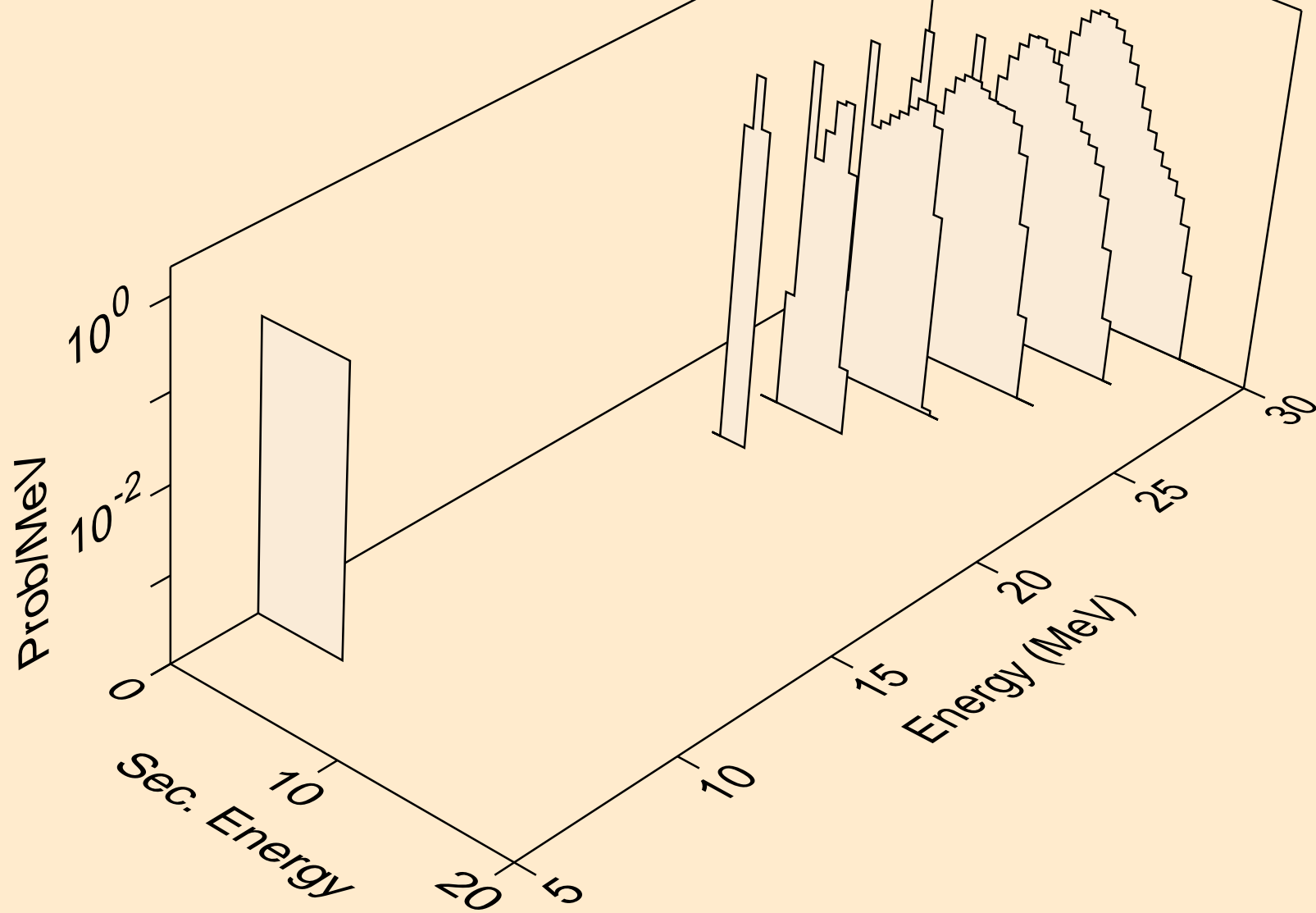
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alphas from (p,3n)a



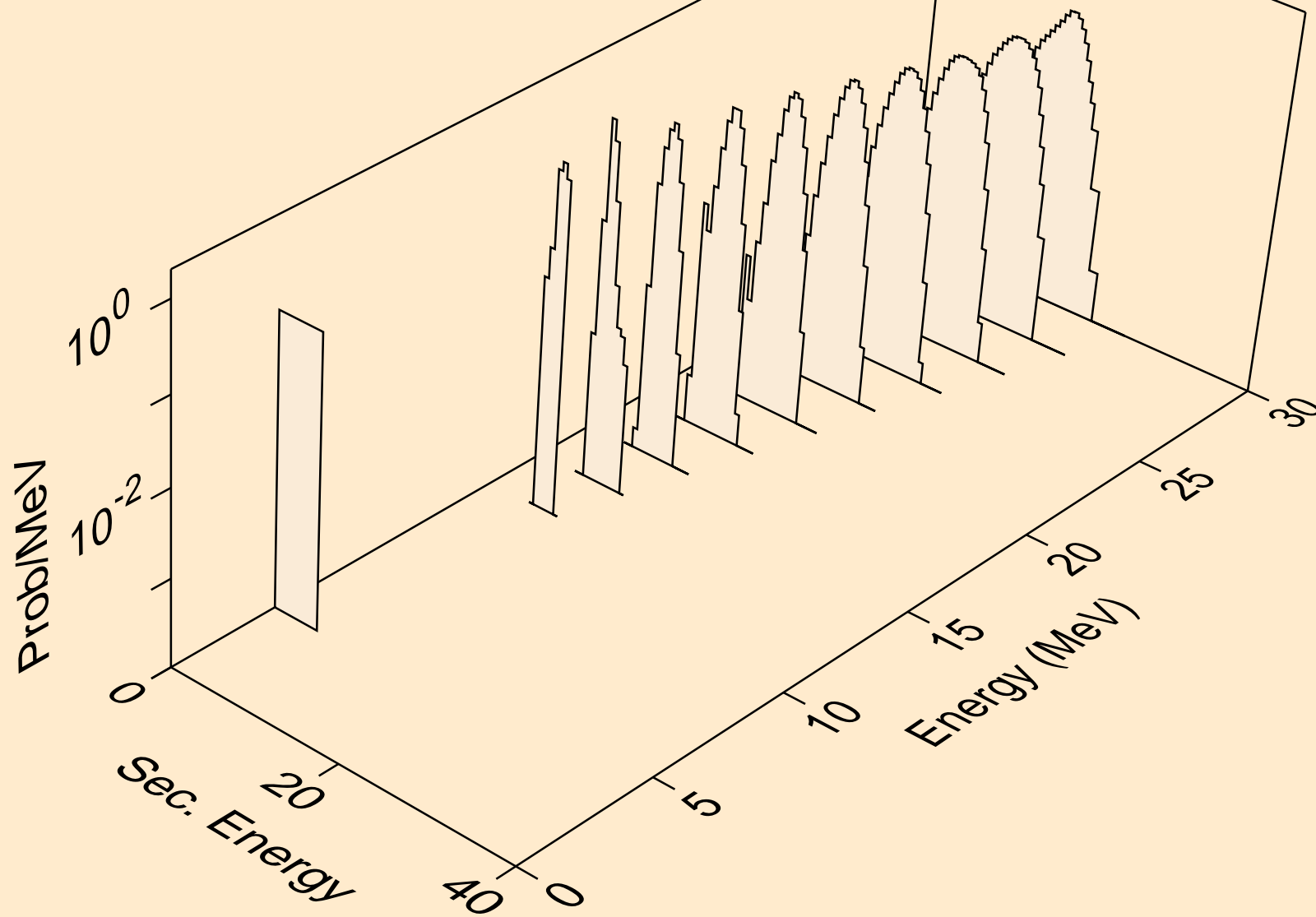
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alphas from (p,n\*)2a



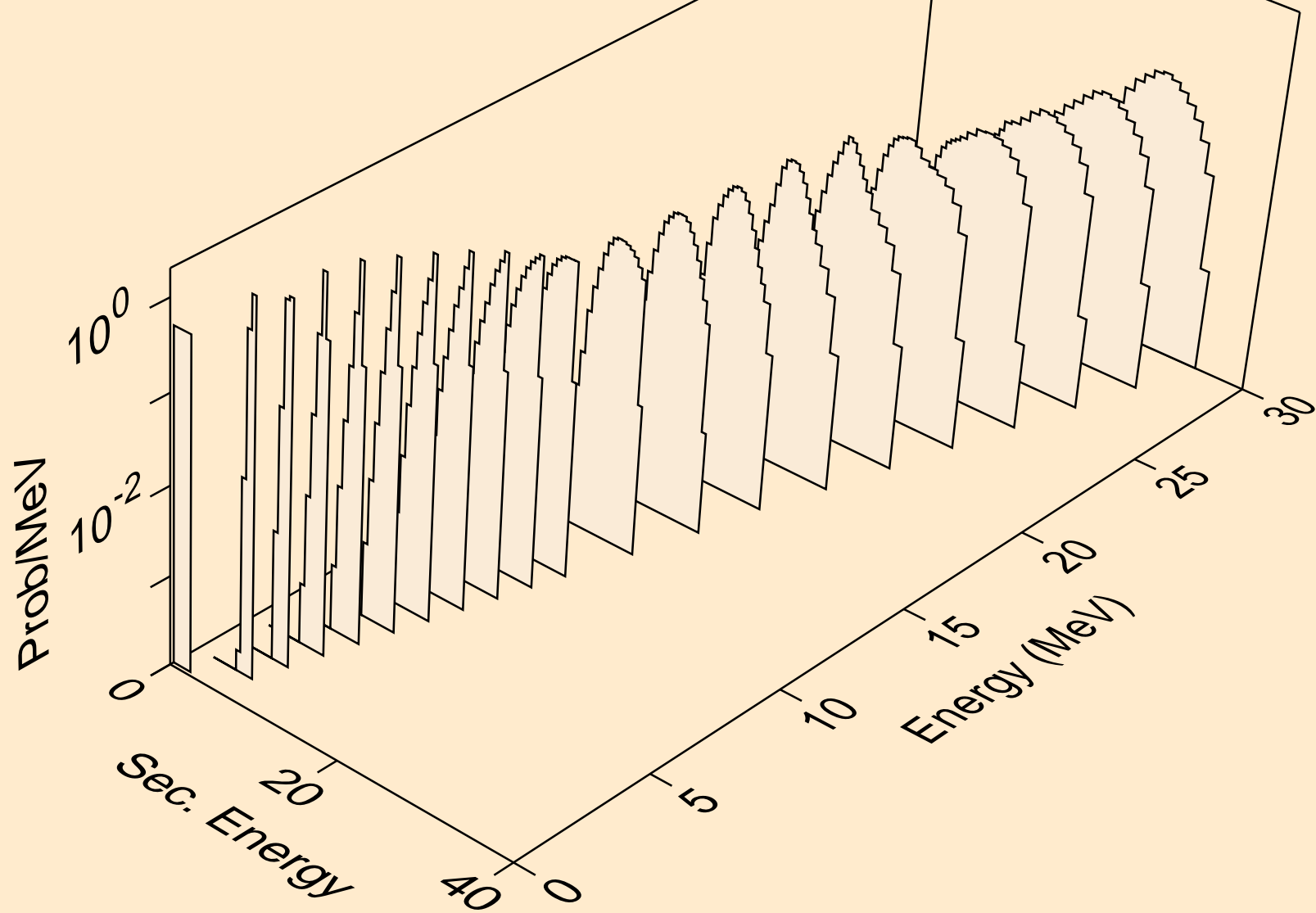
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)2a



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

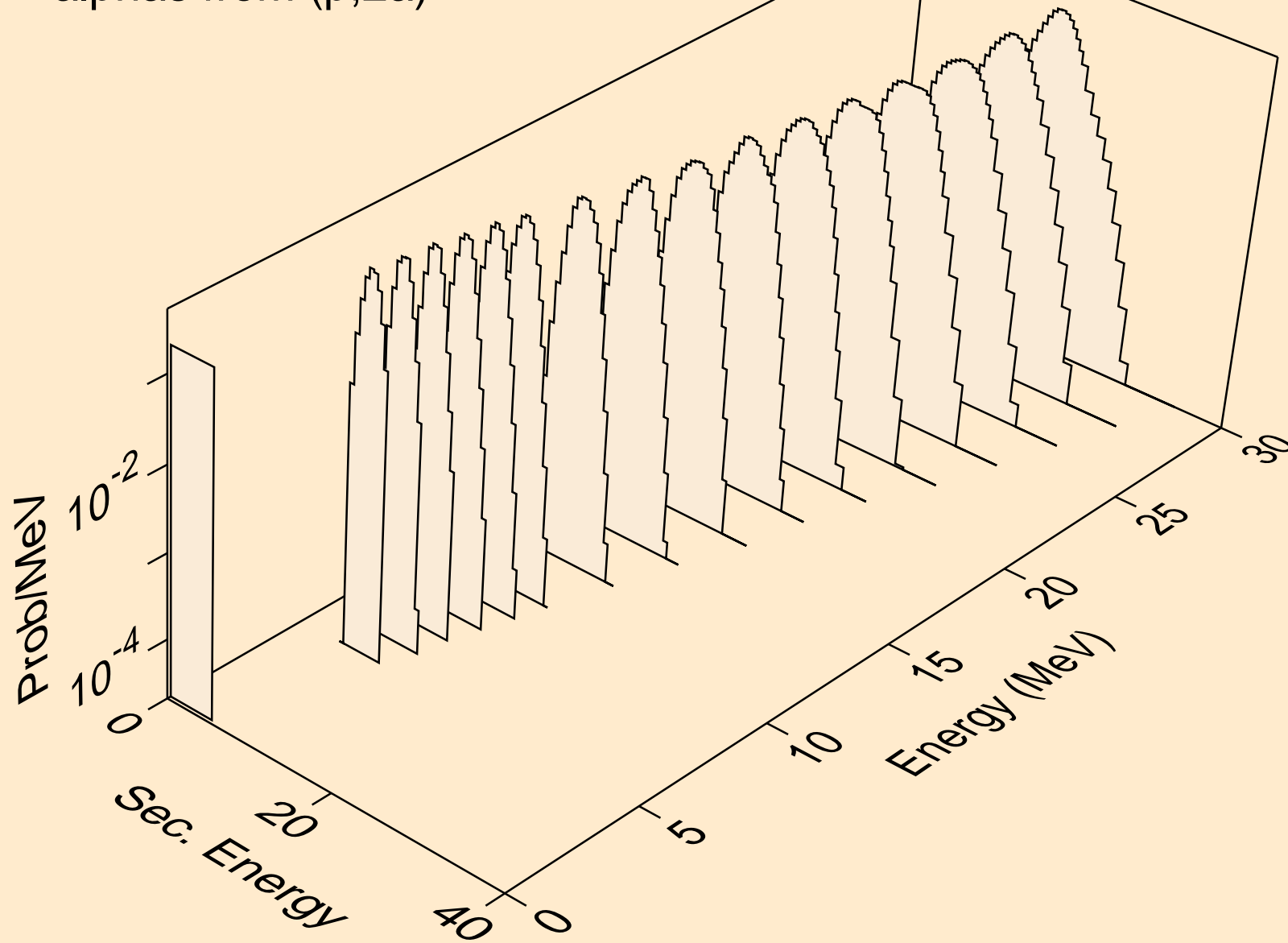


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alphas from (p,a)

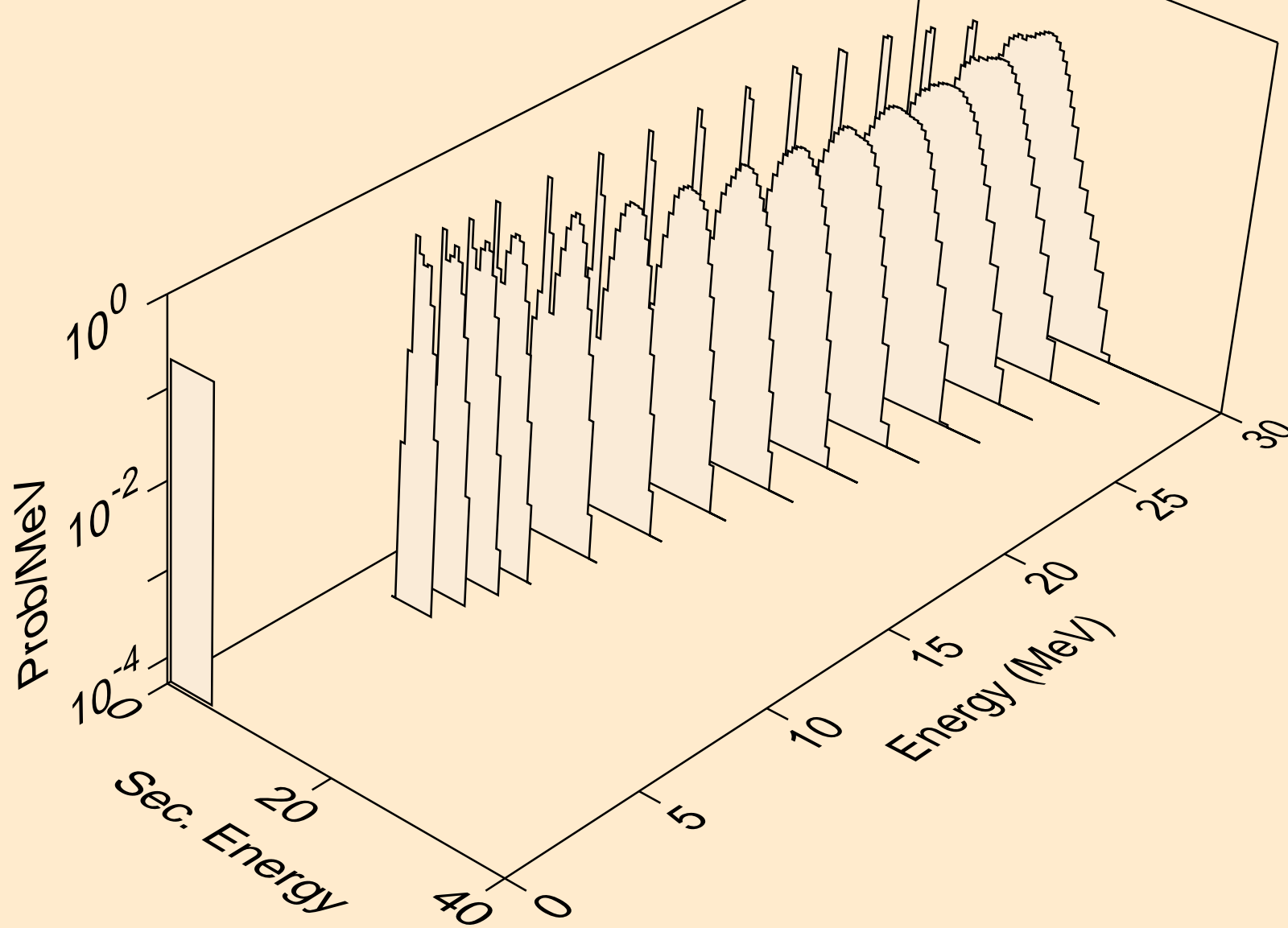




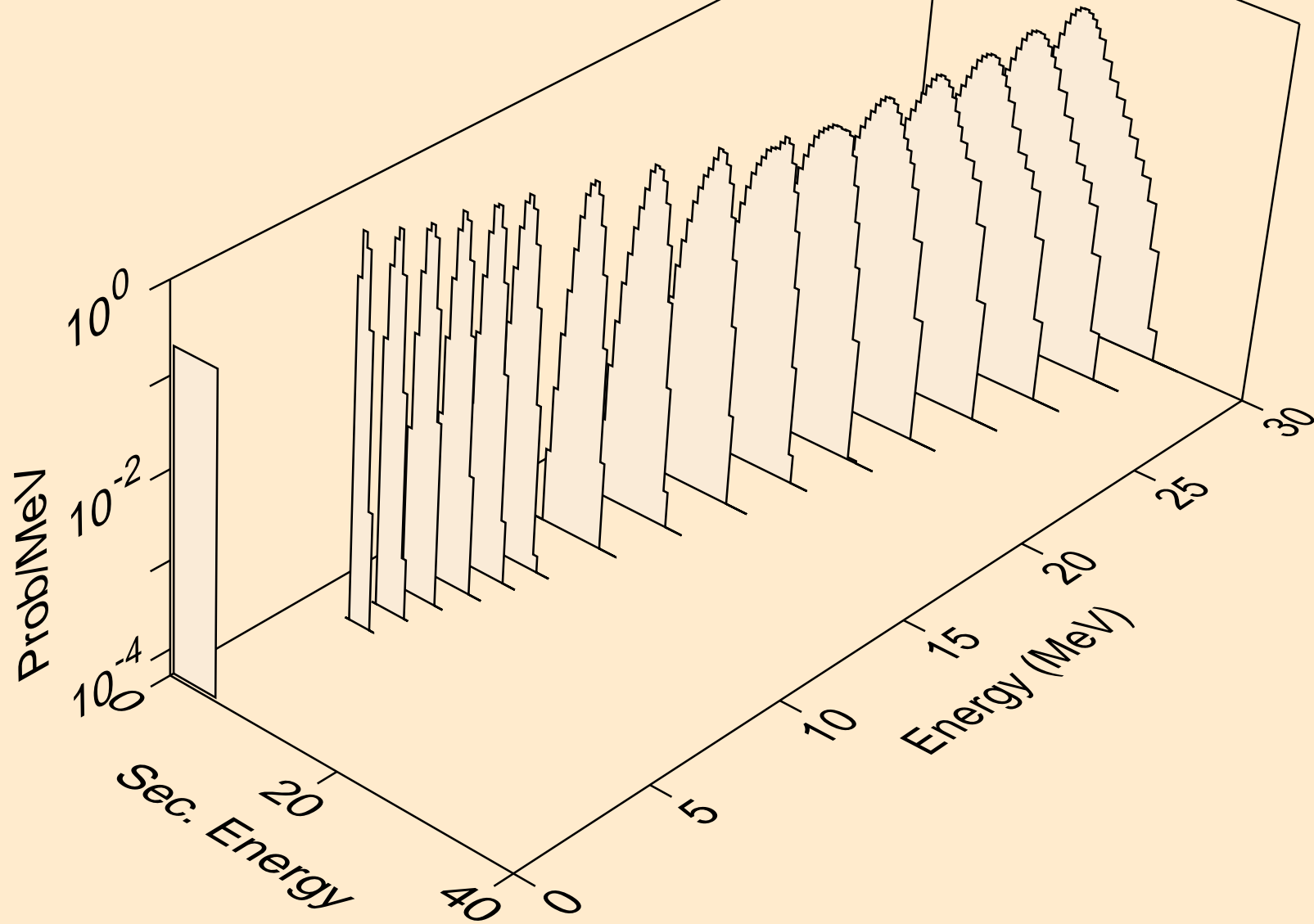
YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3a)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



YB159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

