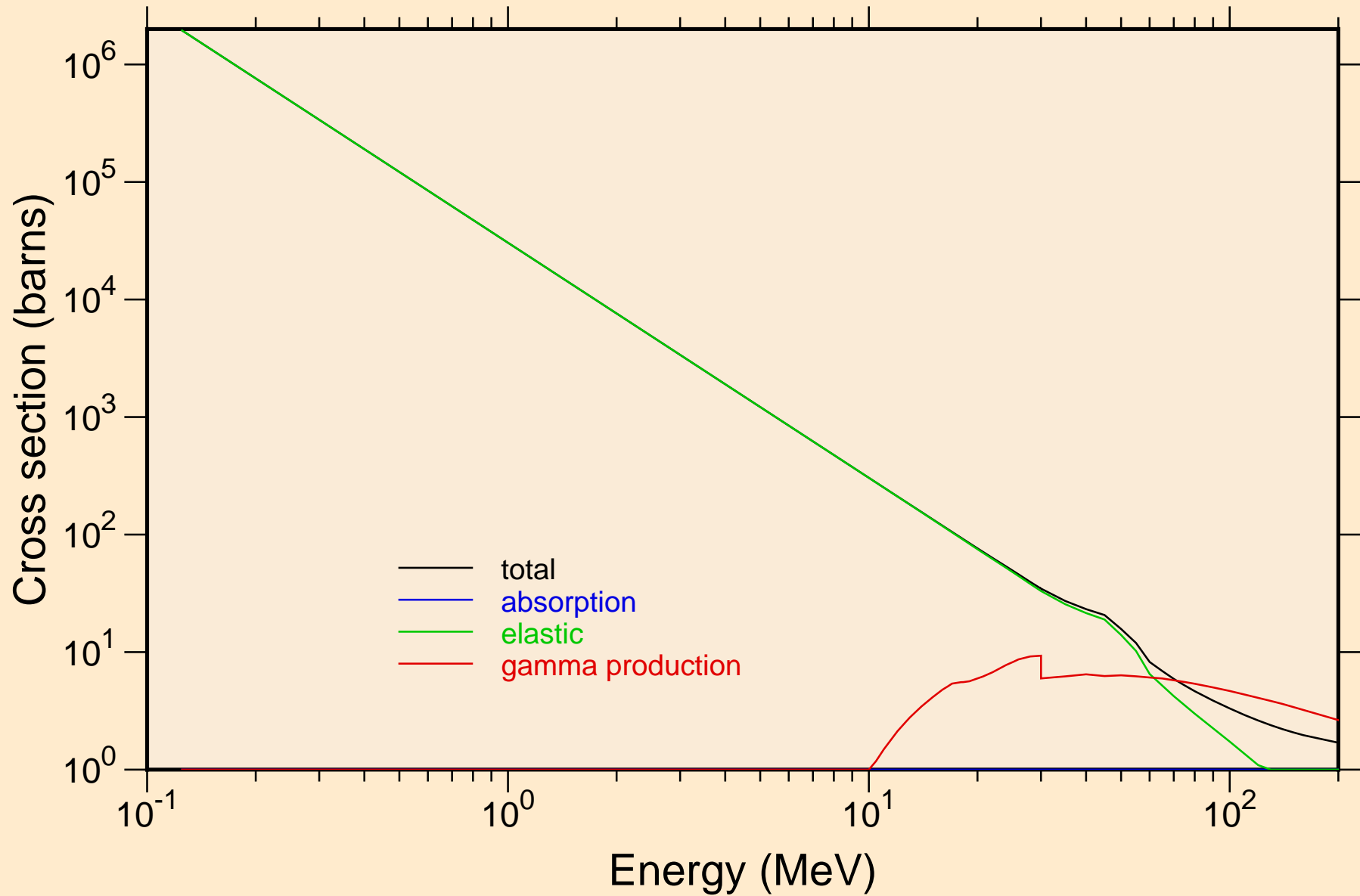
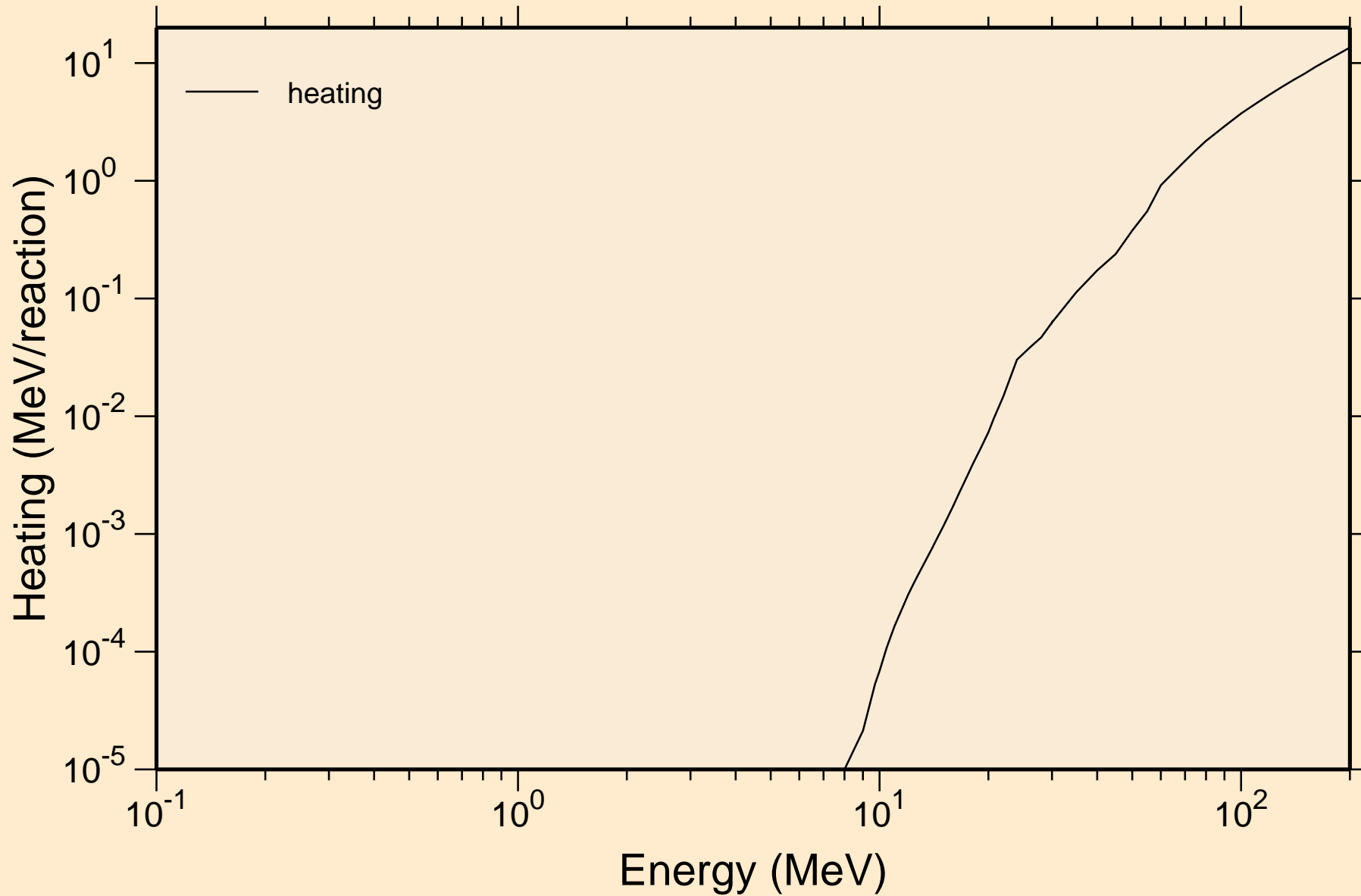


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



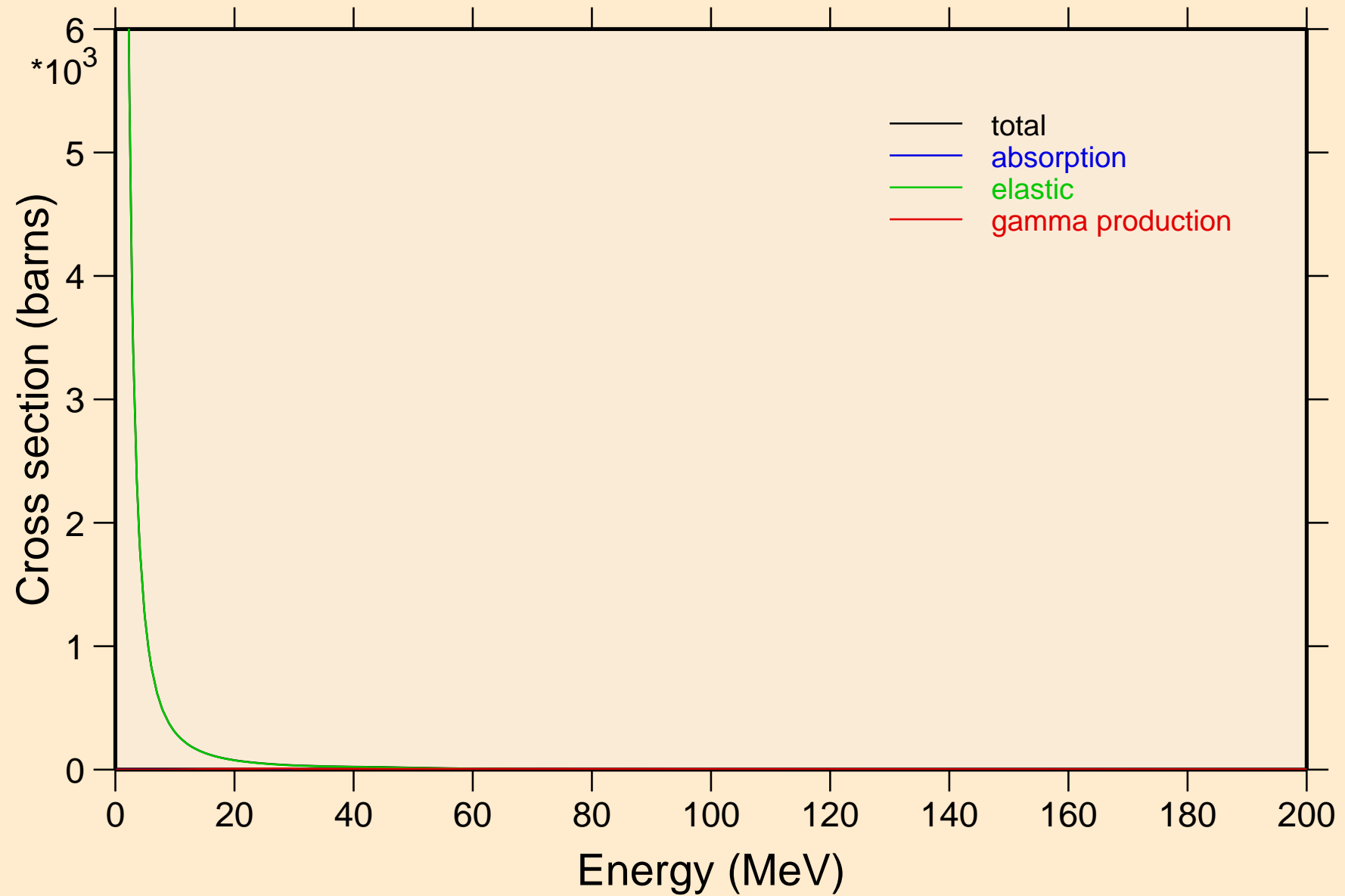
# YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



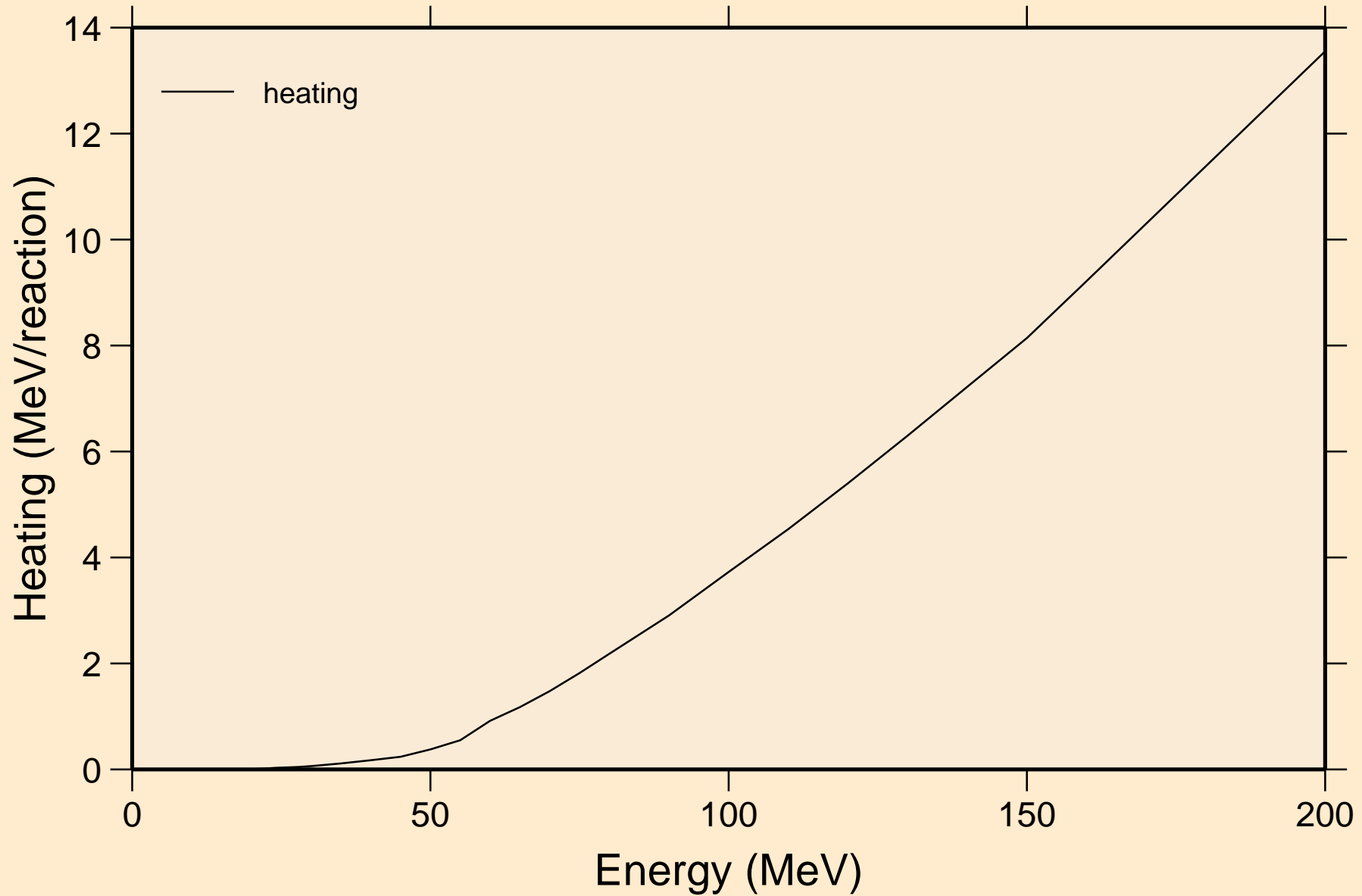
# YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



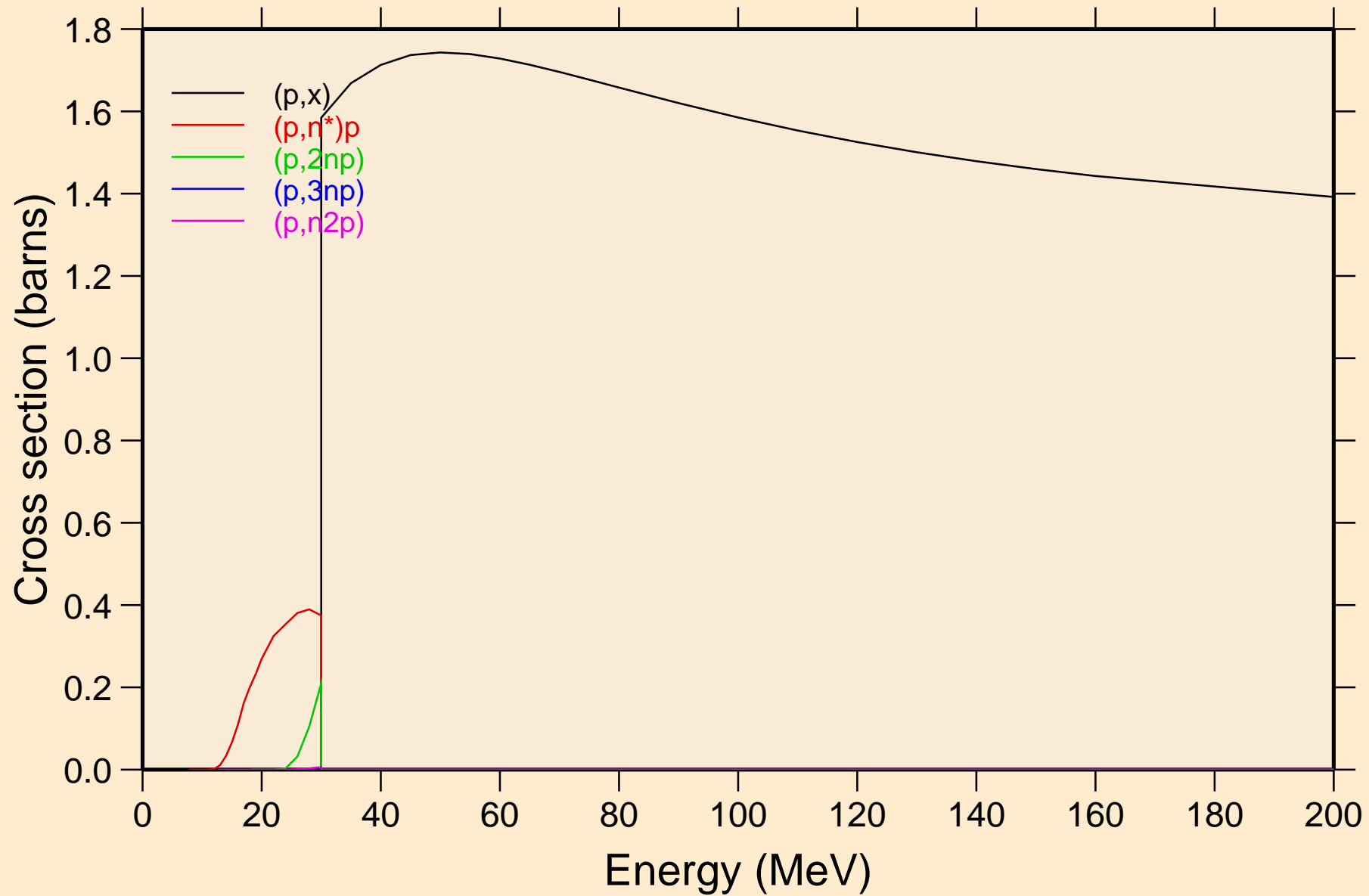
# YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

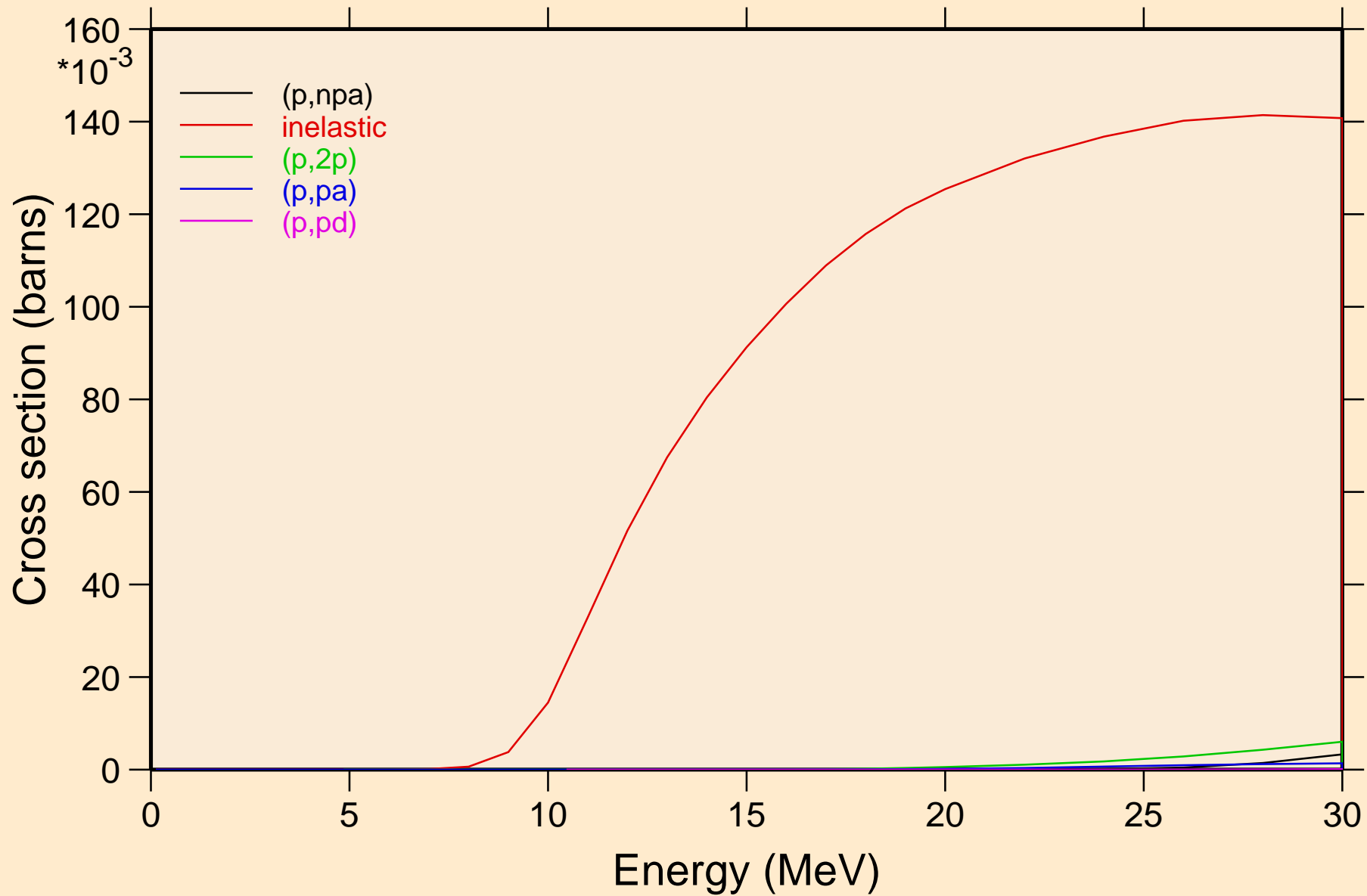


# YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

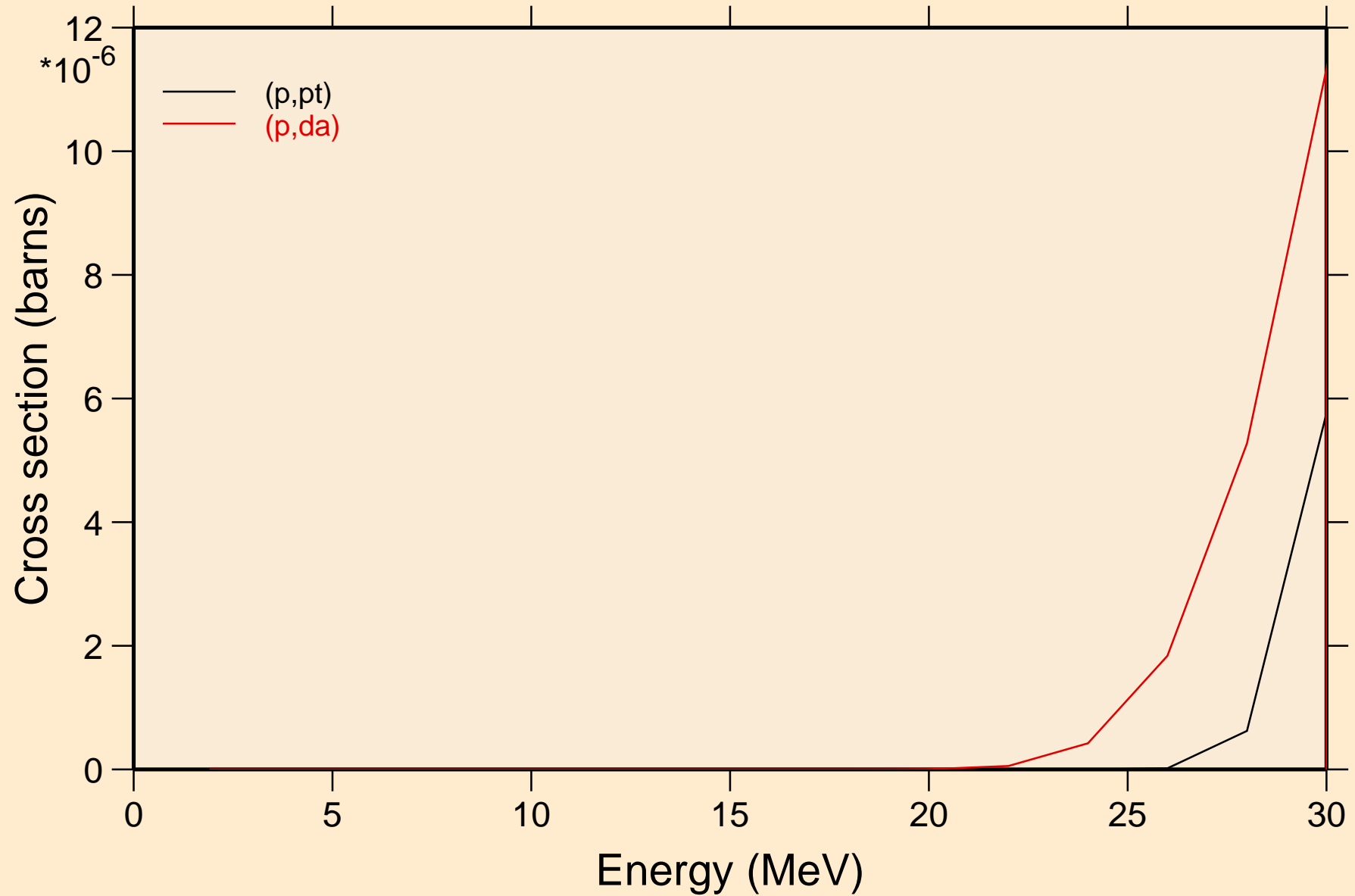
## Threshold reactions



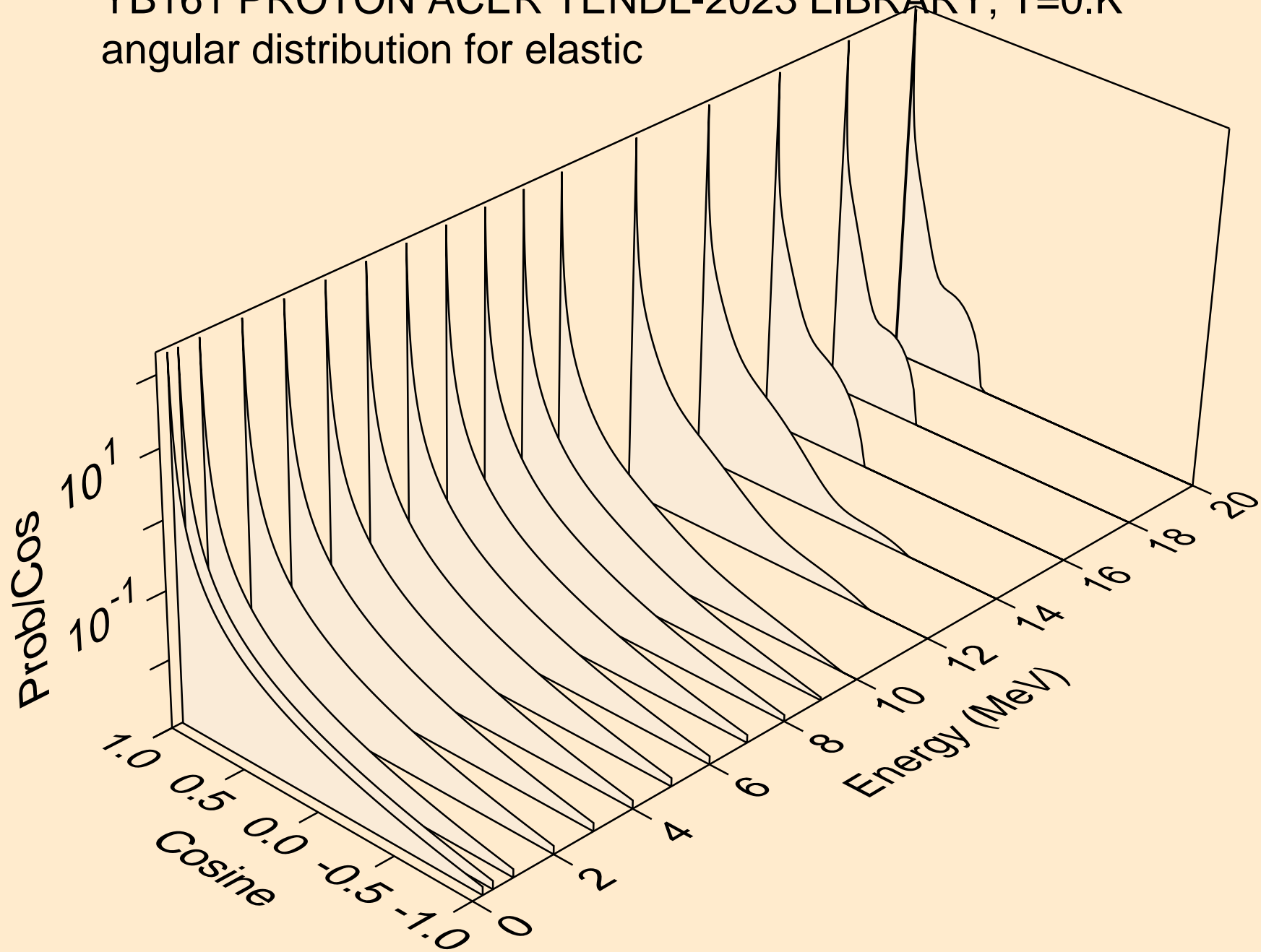
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

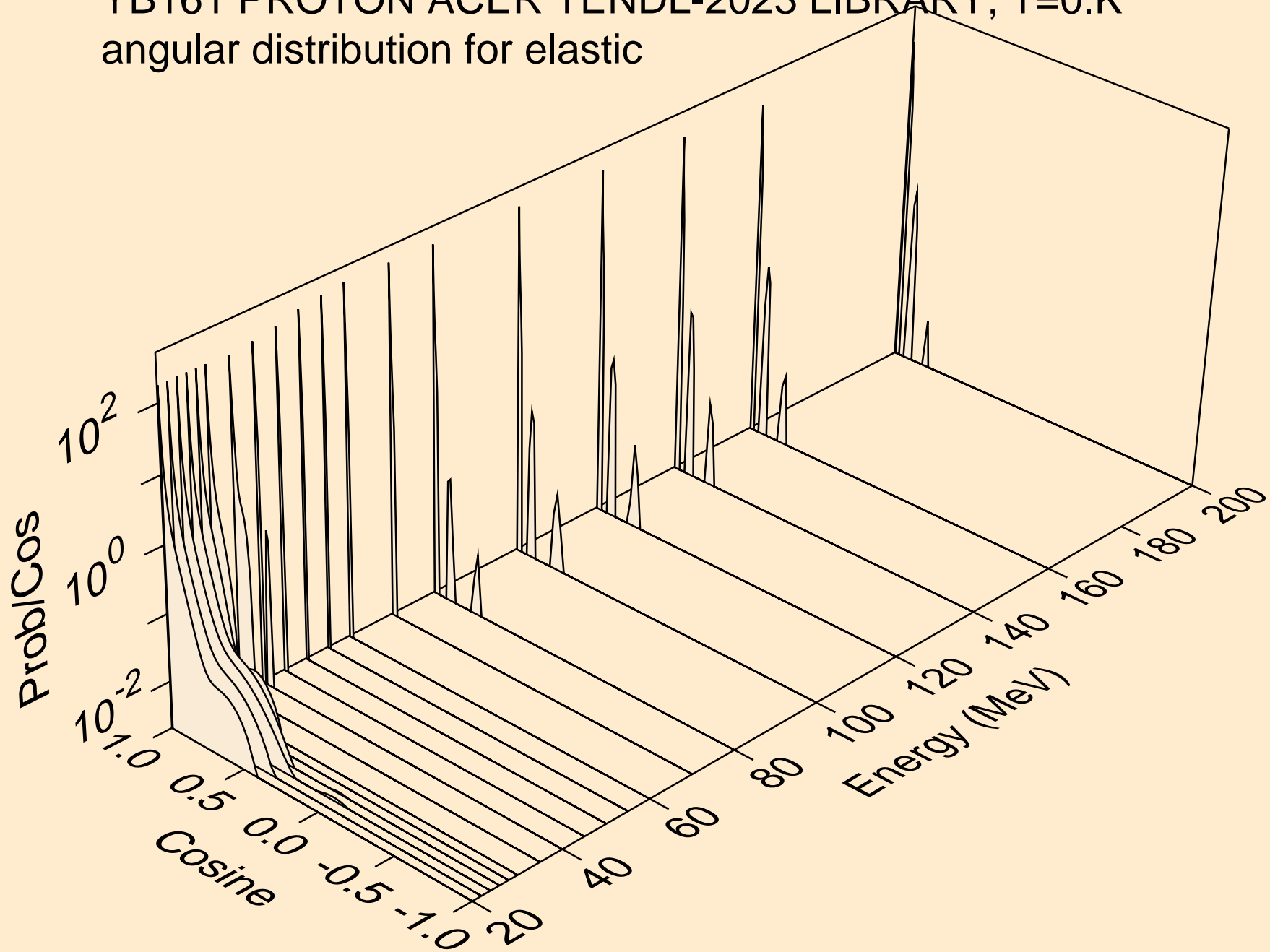


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

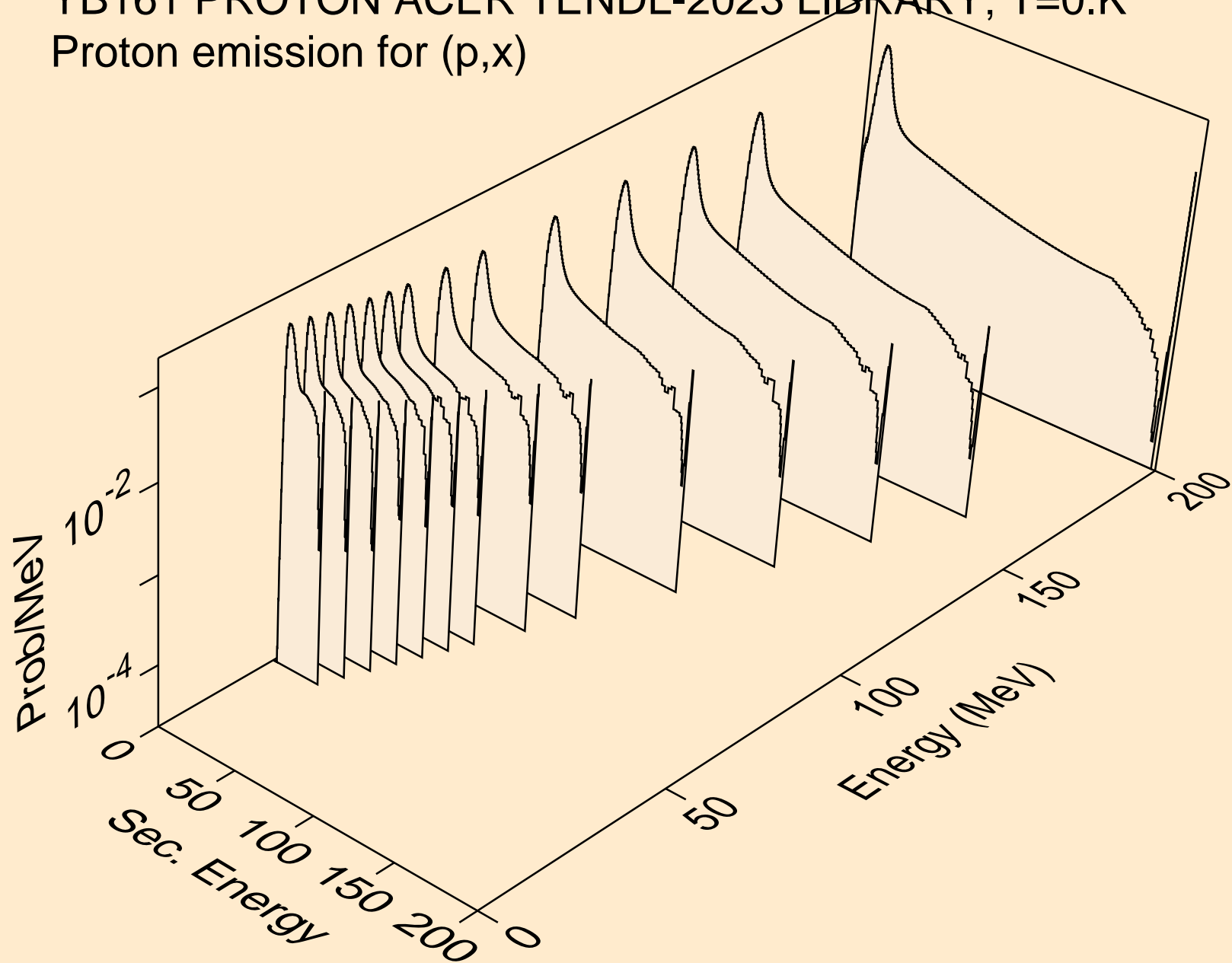




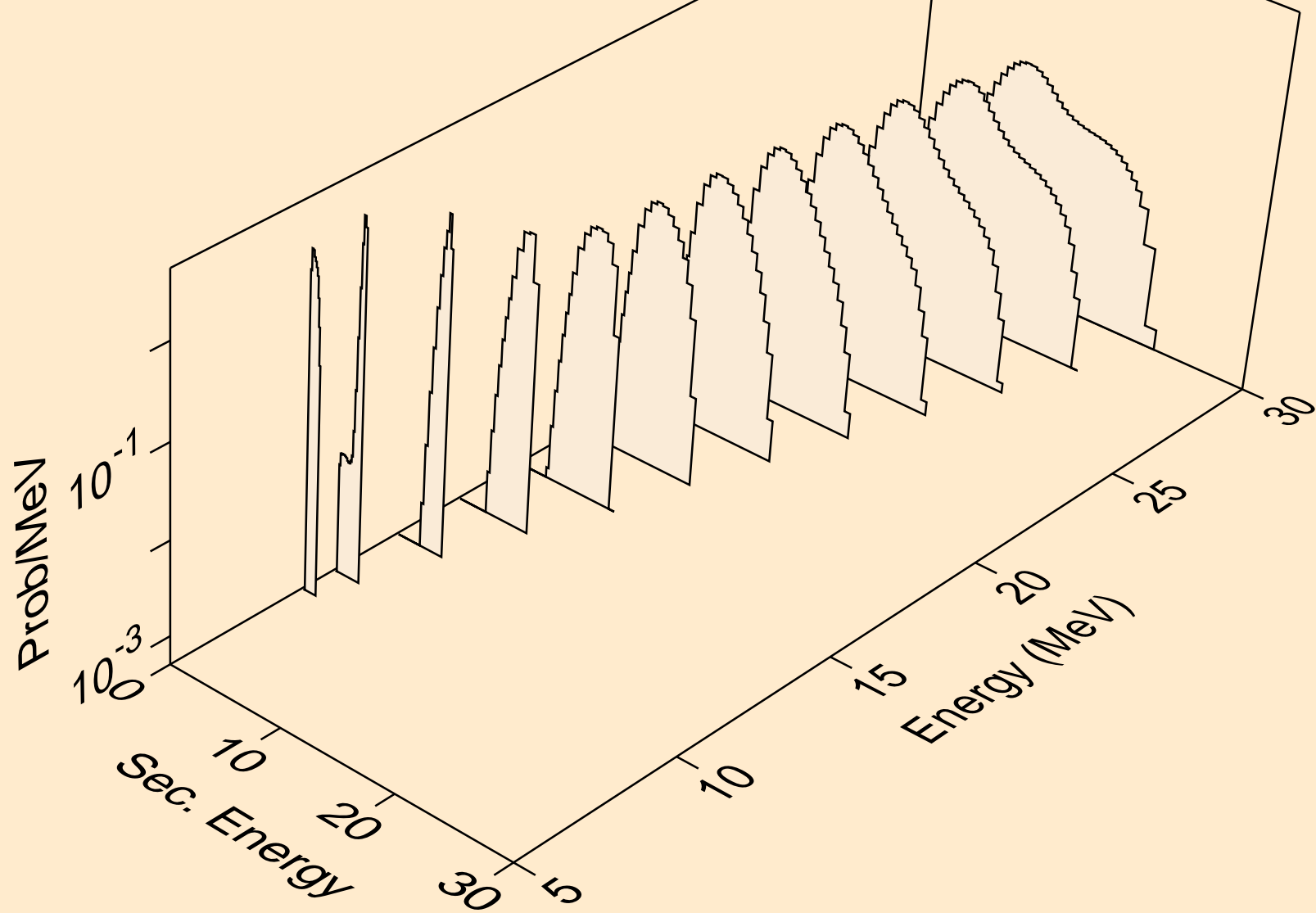
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



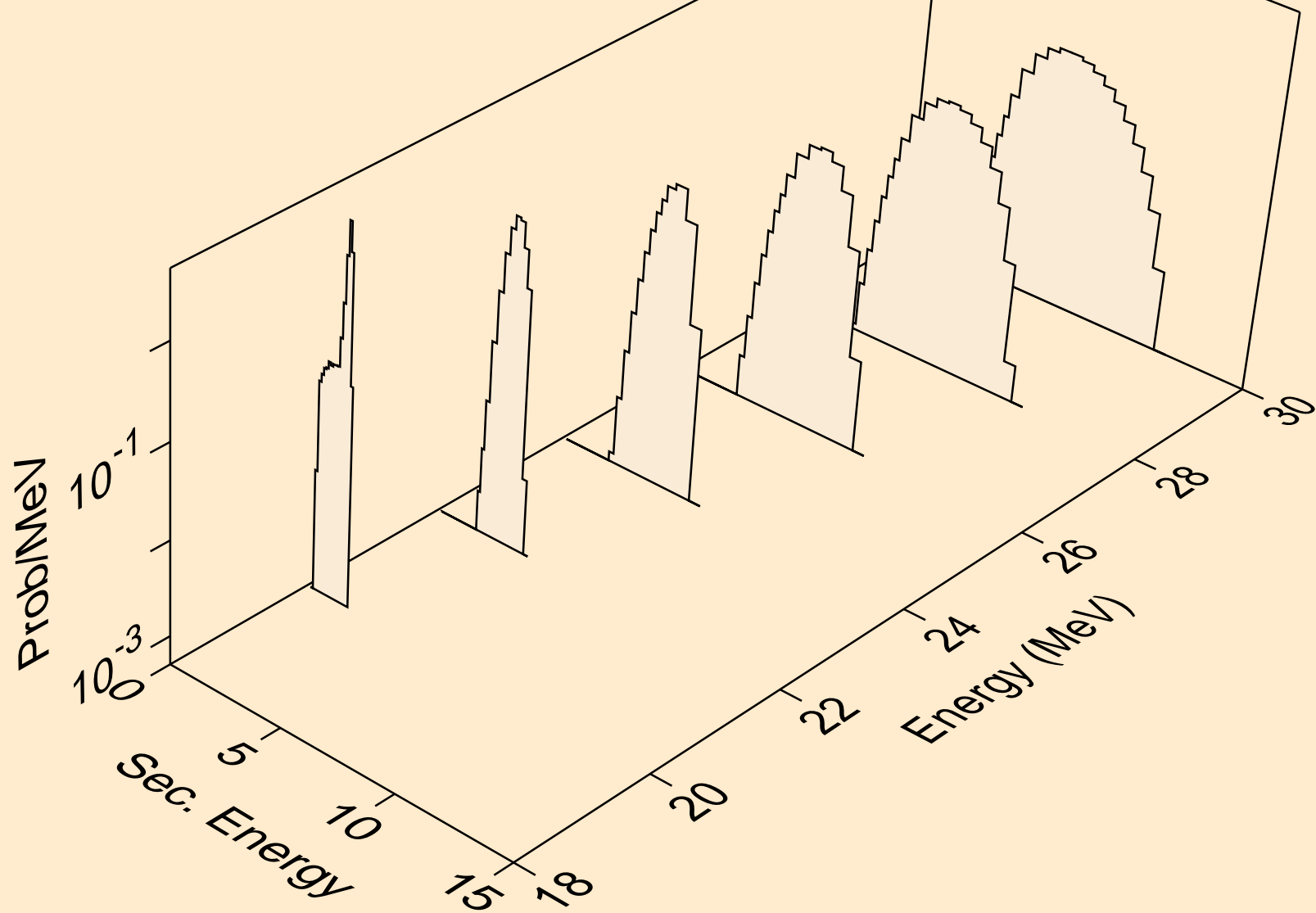
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



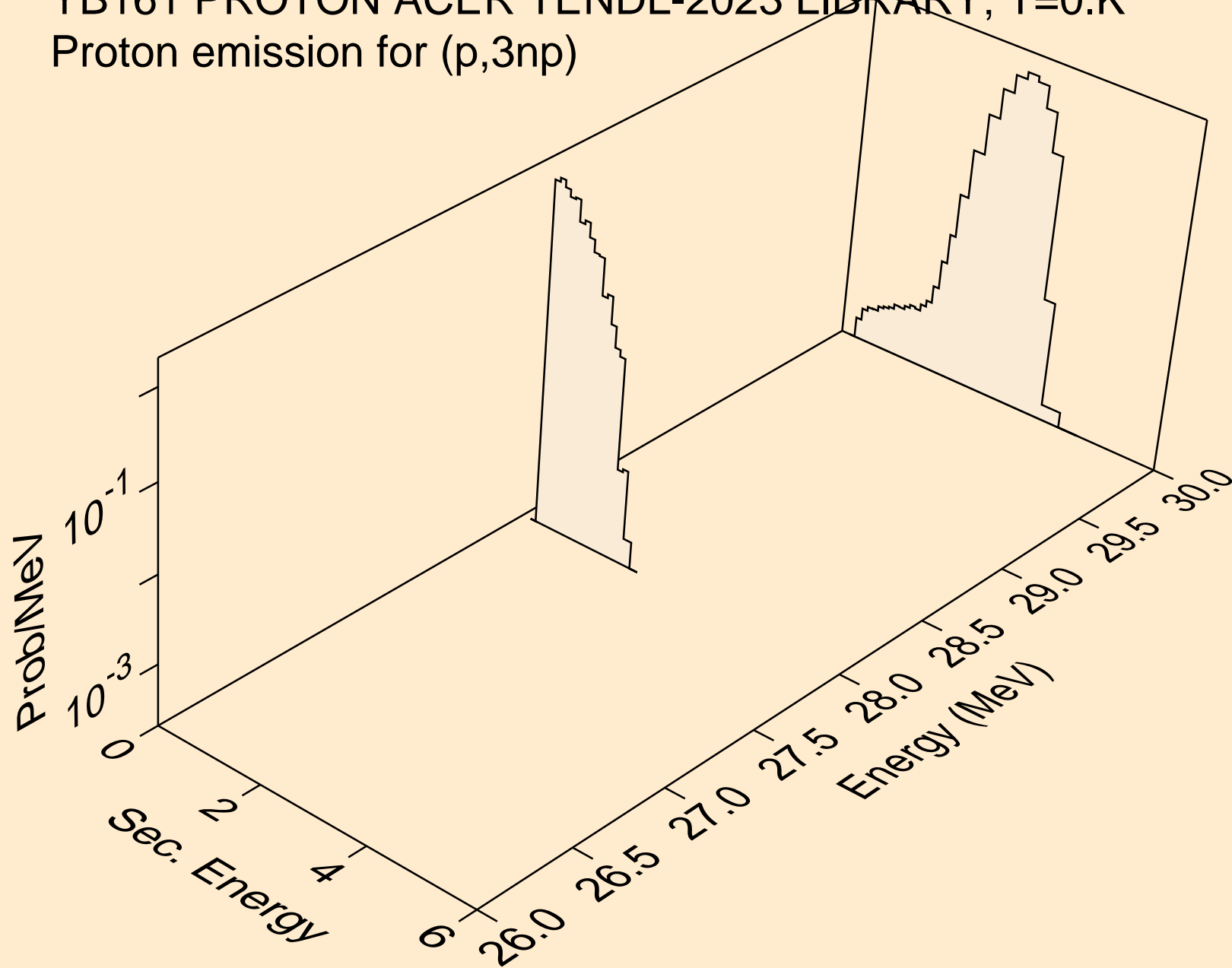
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



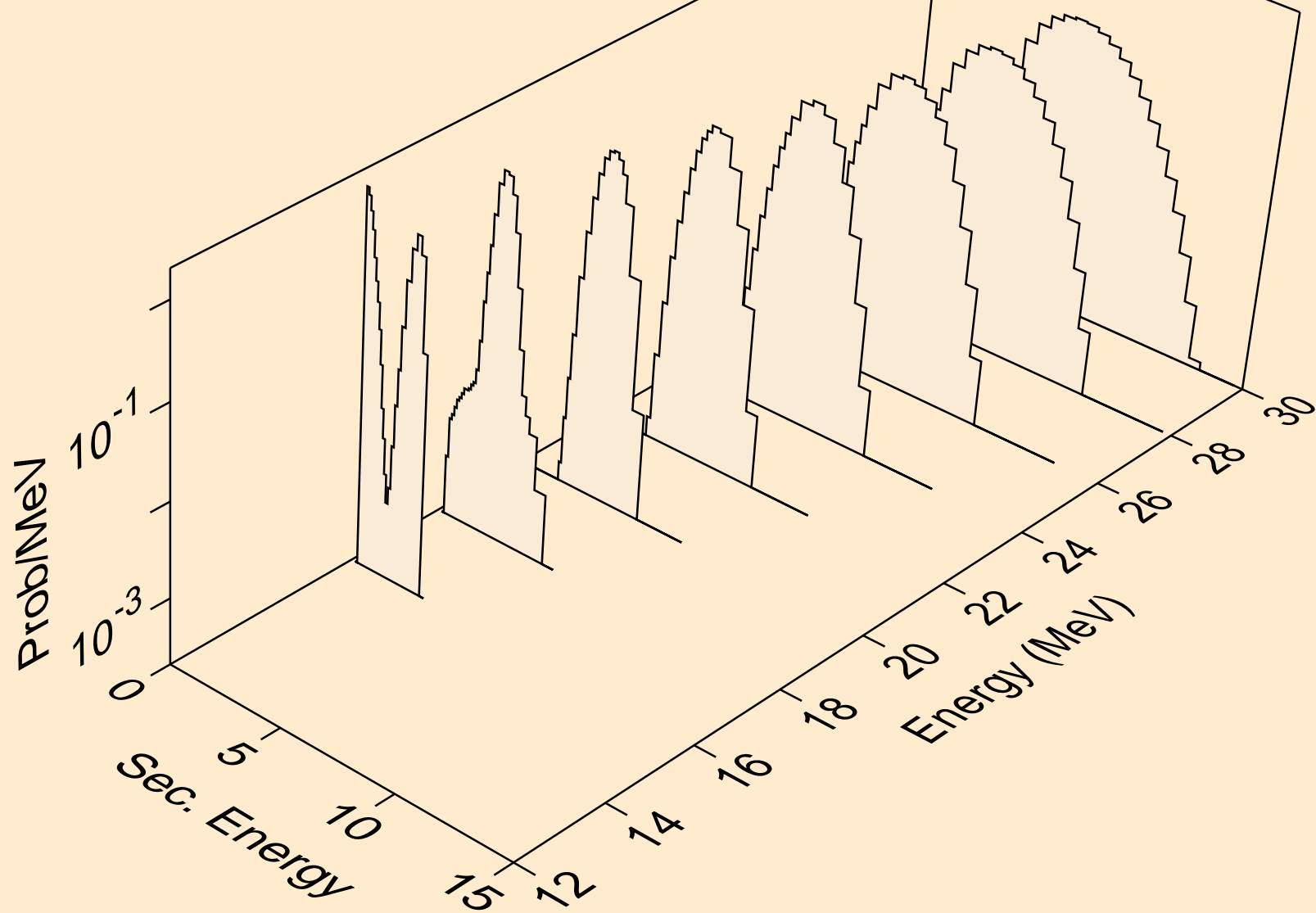
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



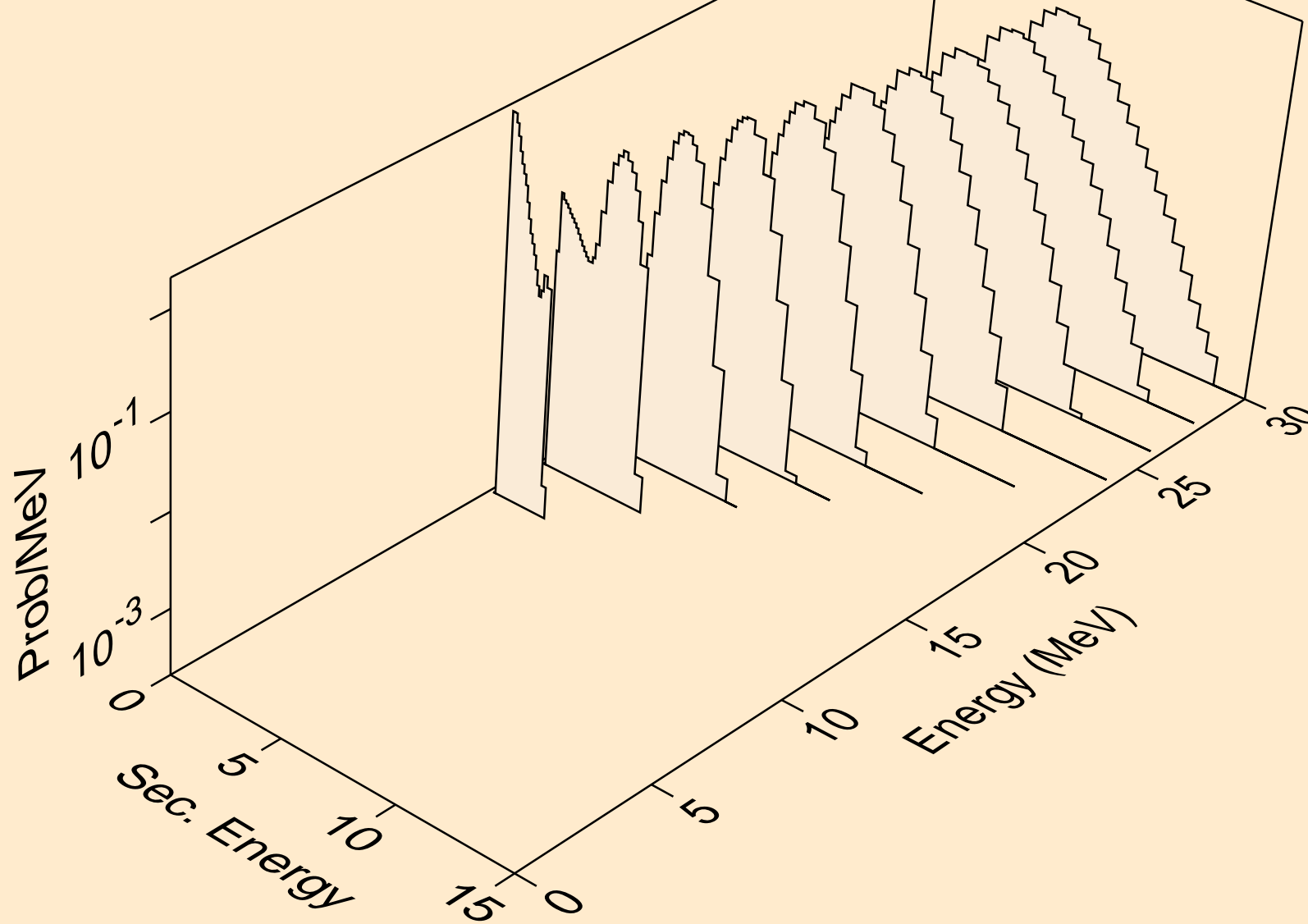
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Proton emission for (p,3np)



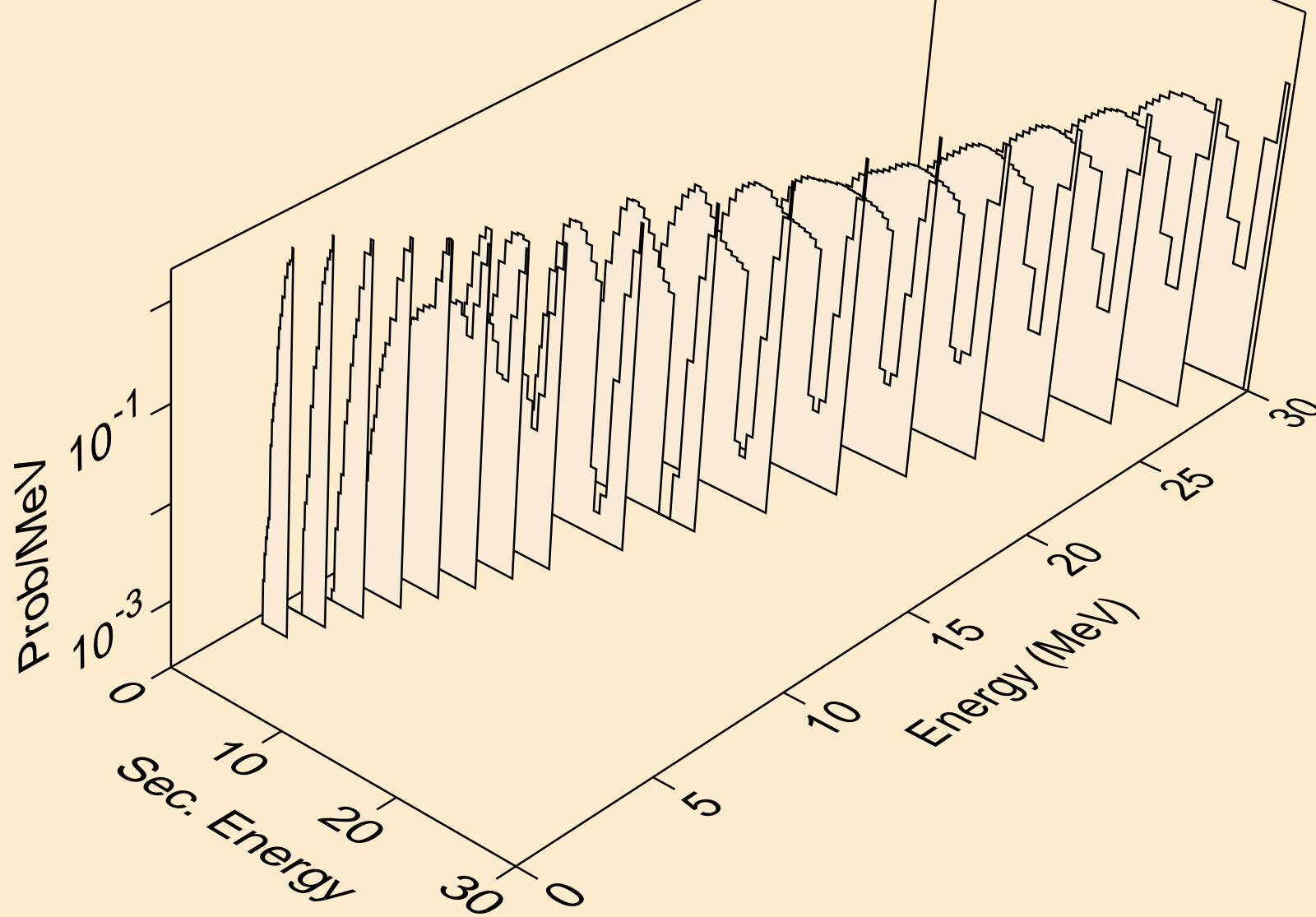
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

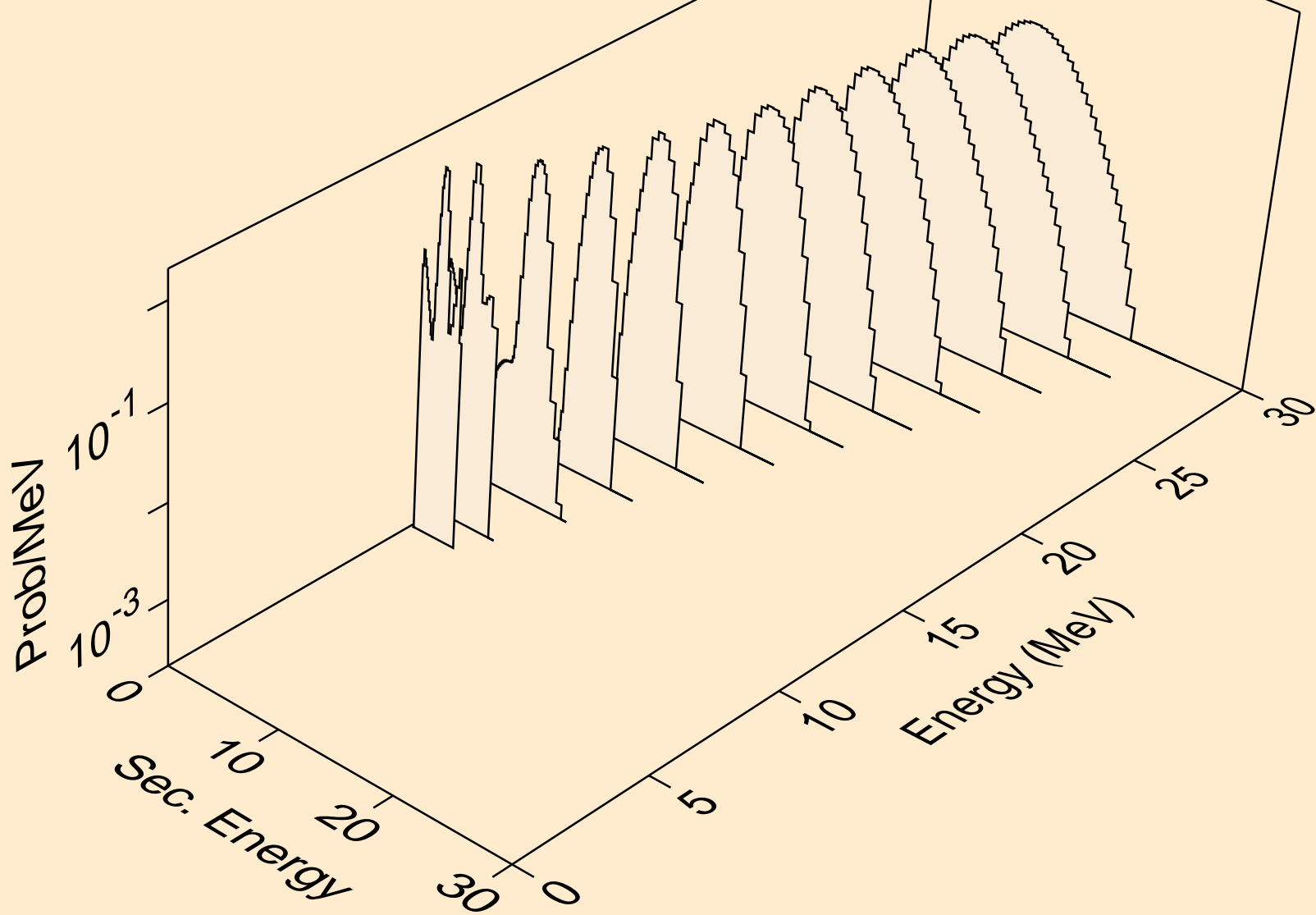


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

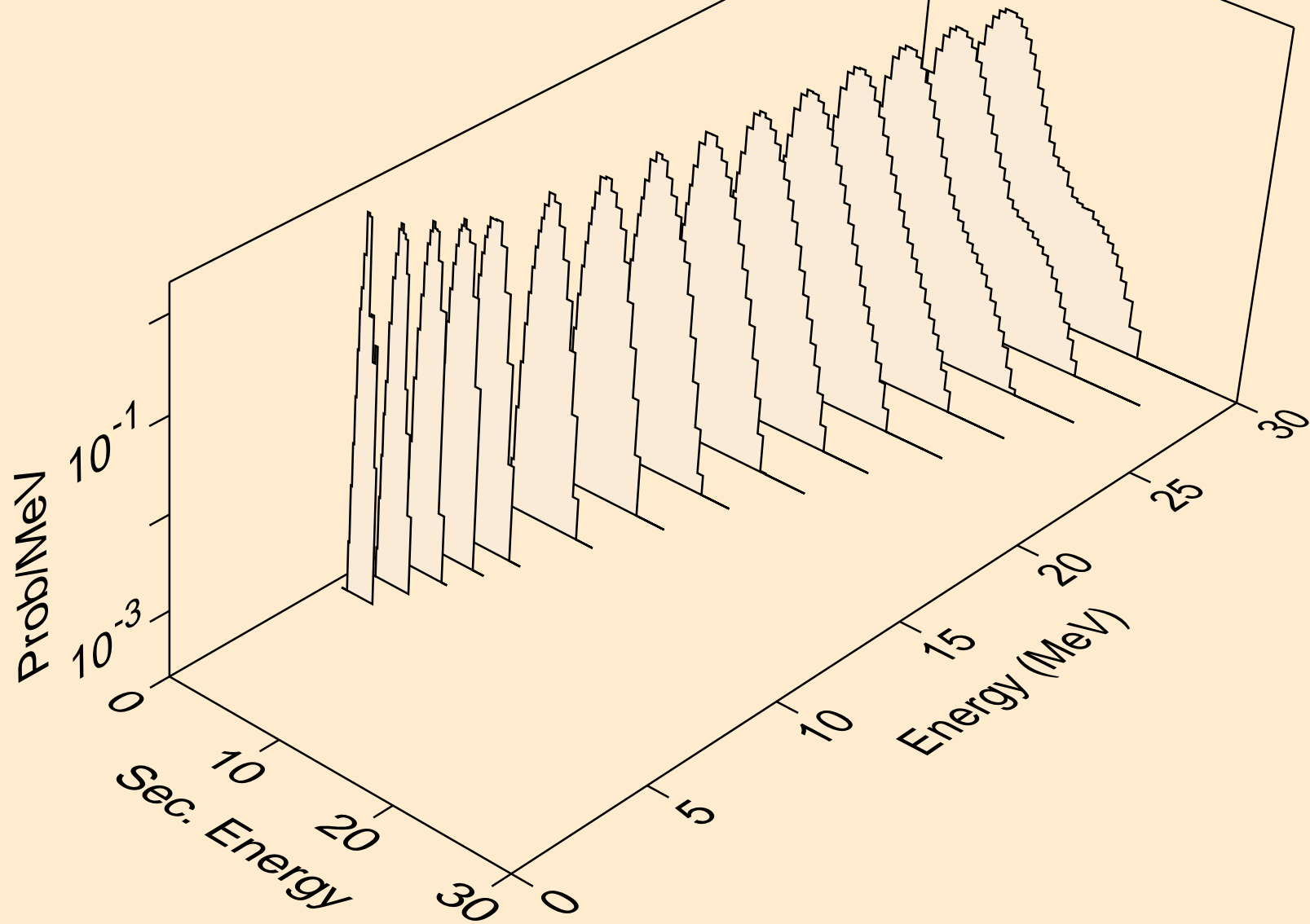




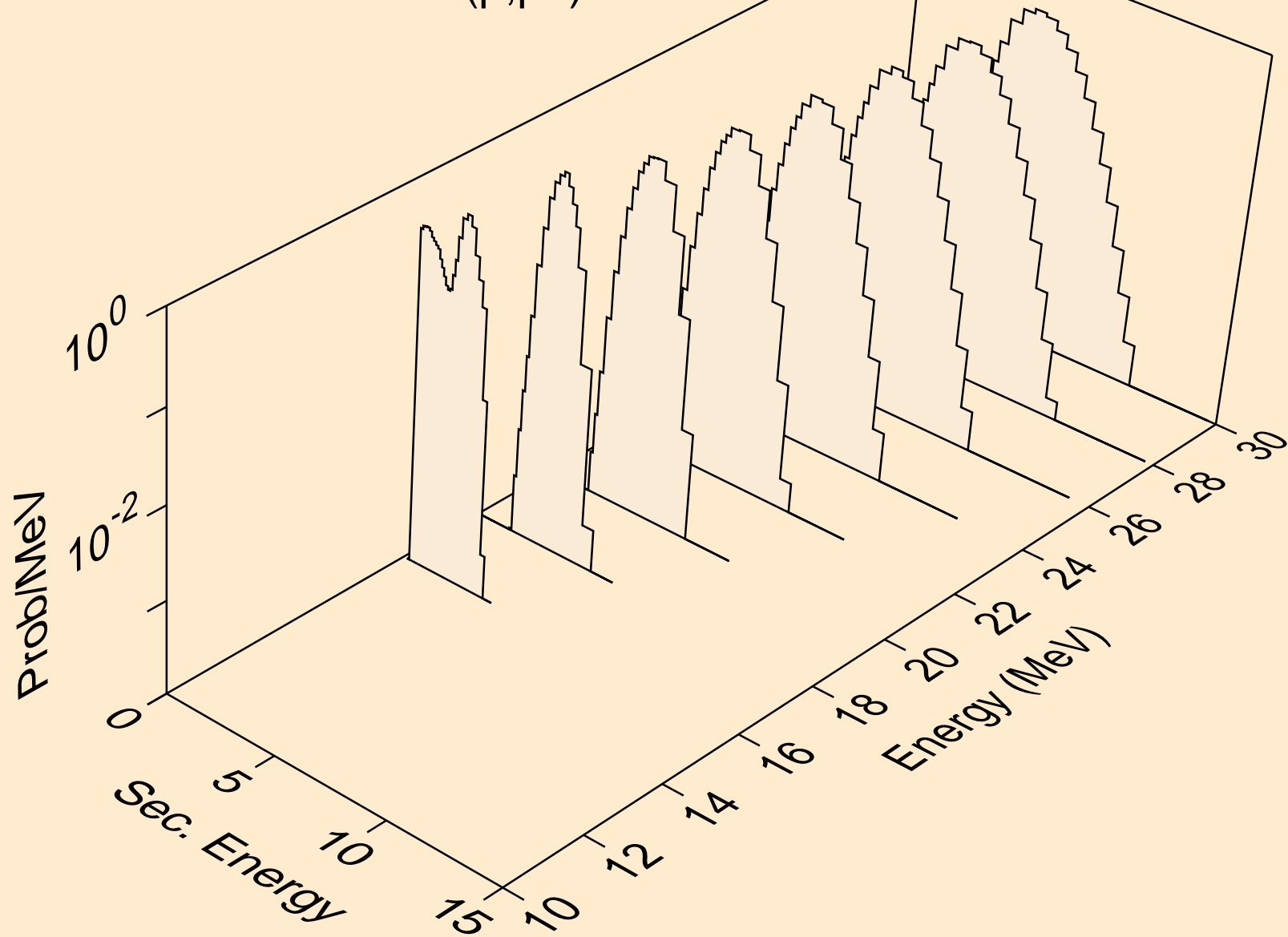
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



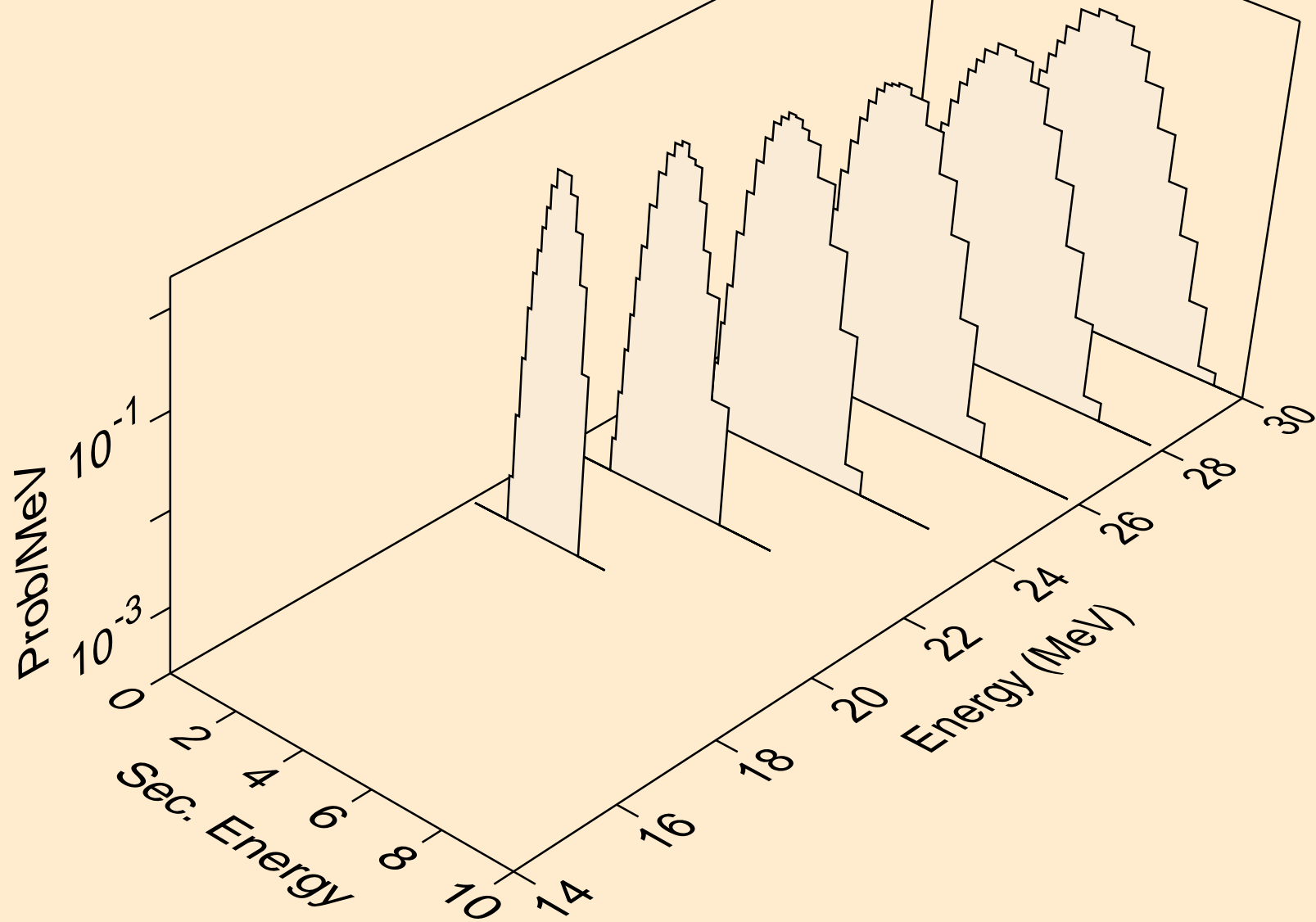
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



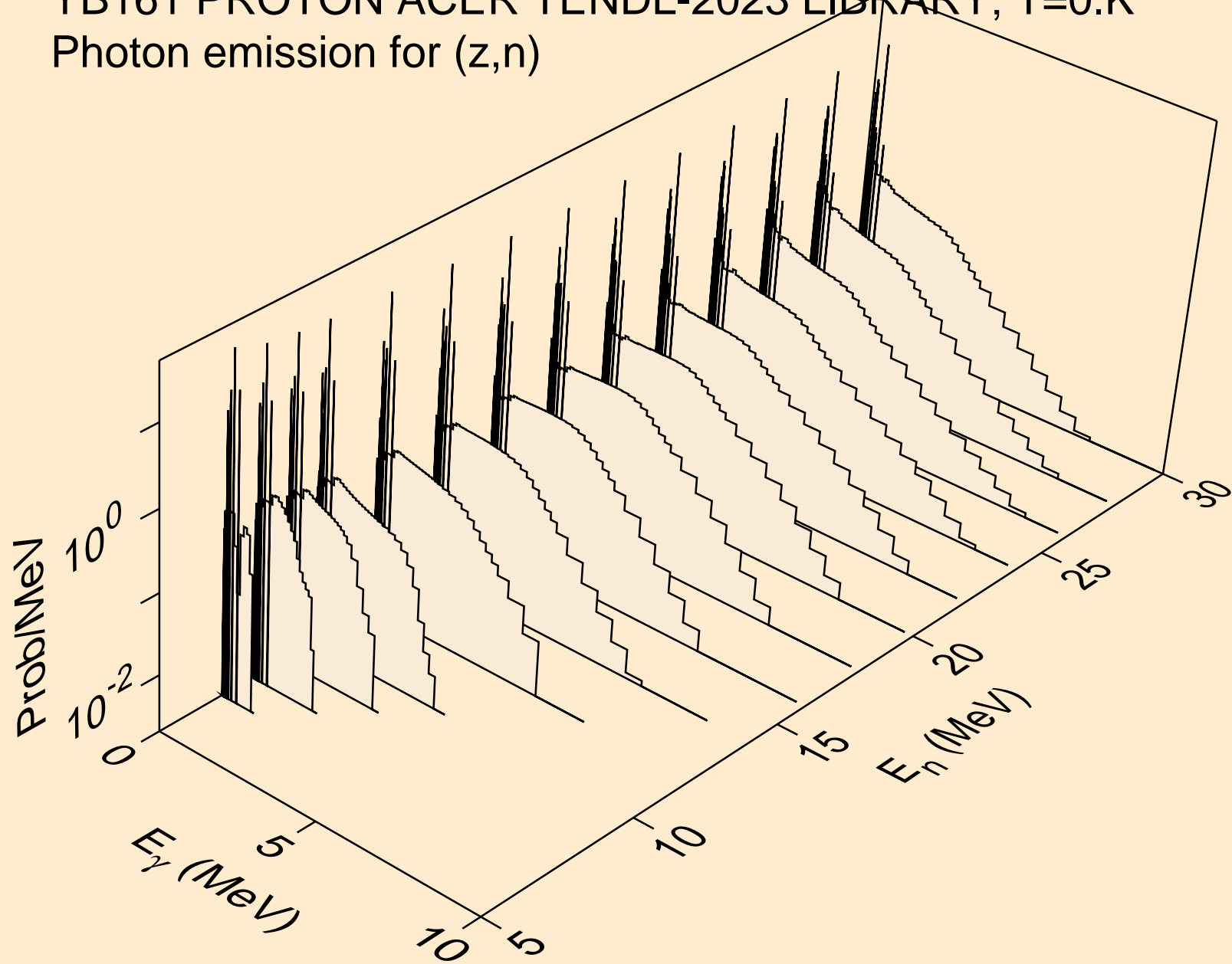
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



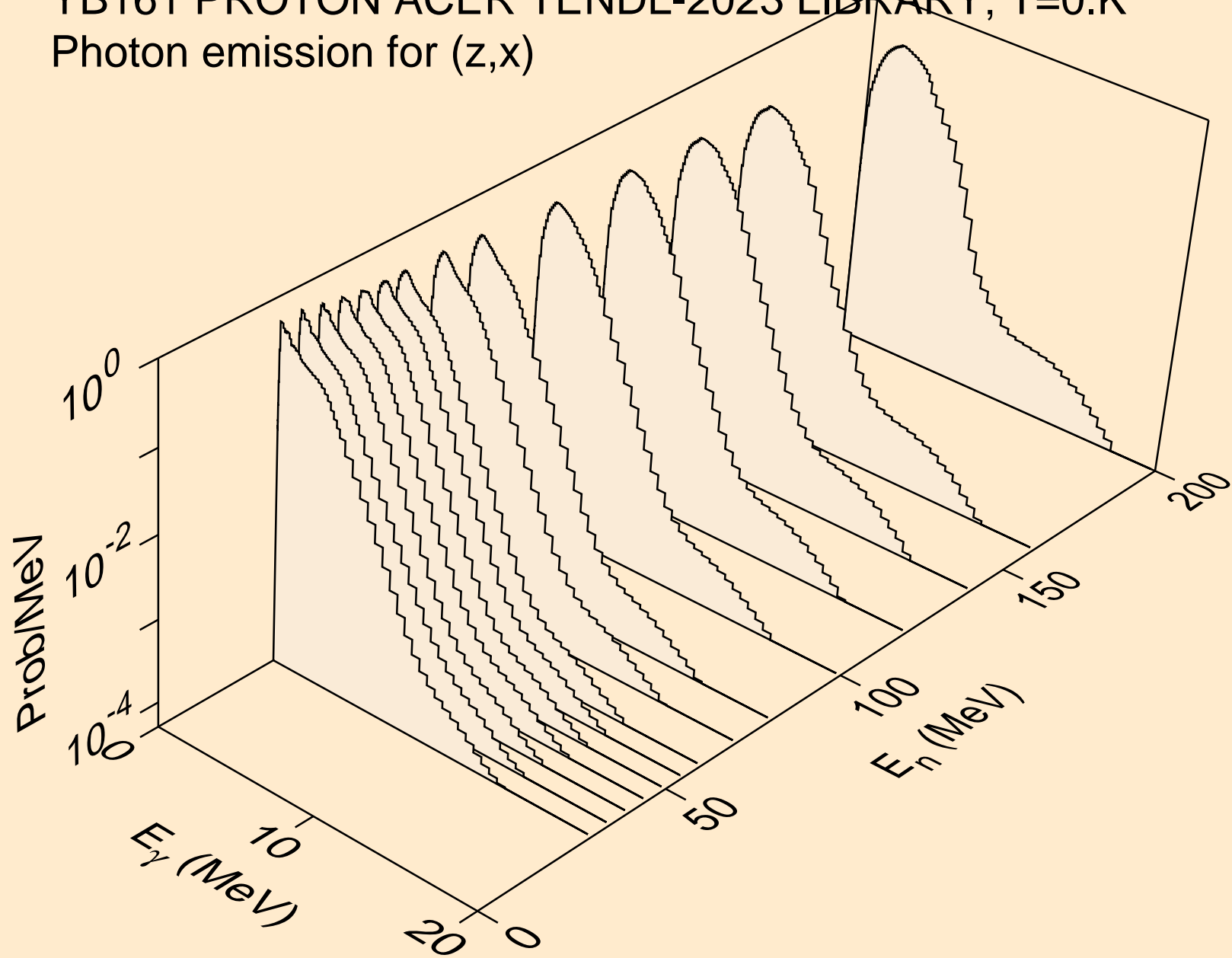
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



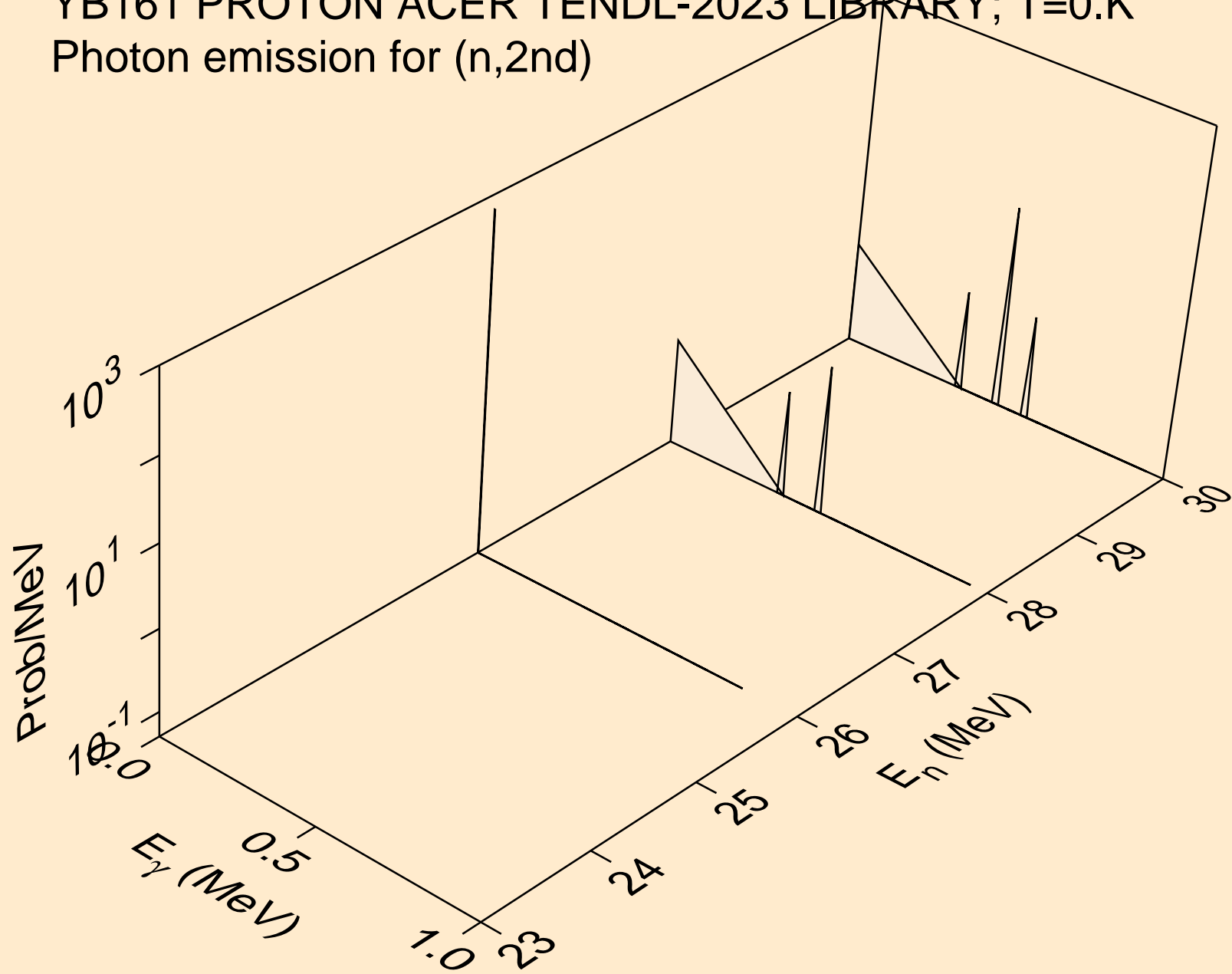
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



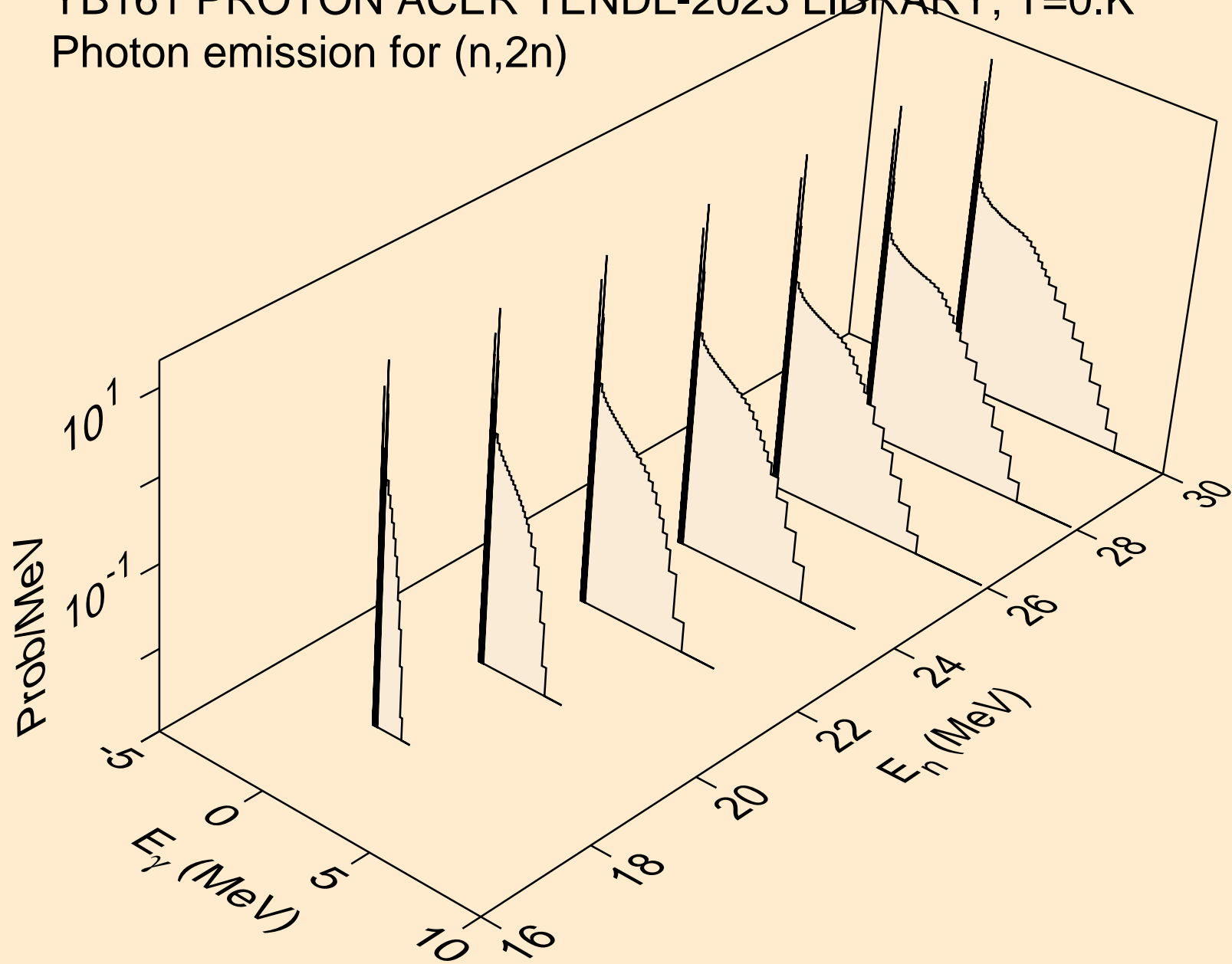
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

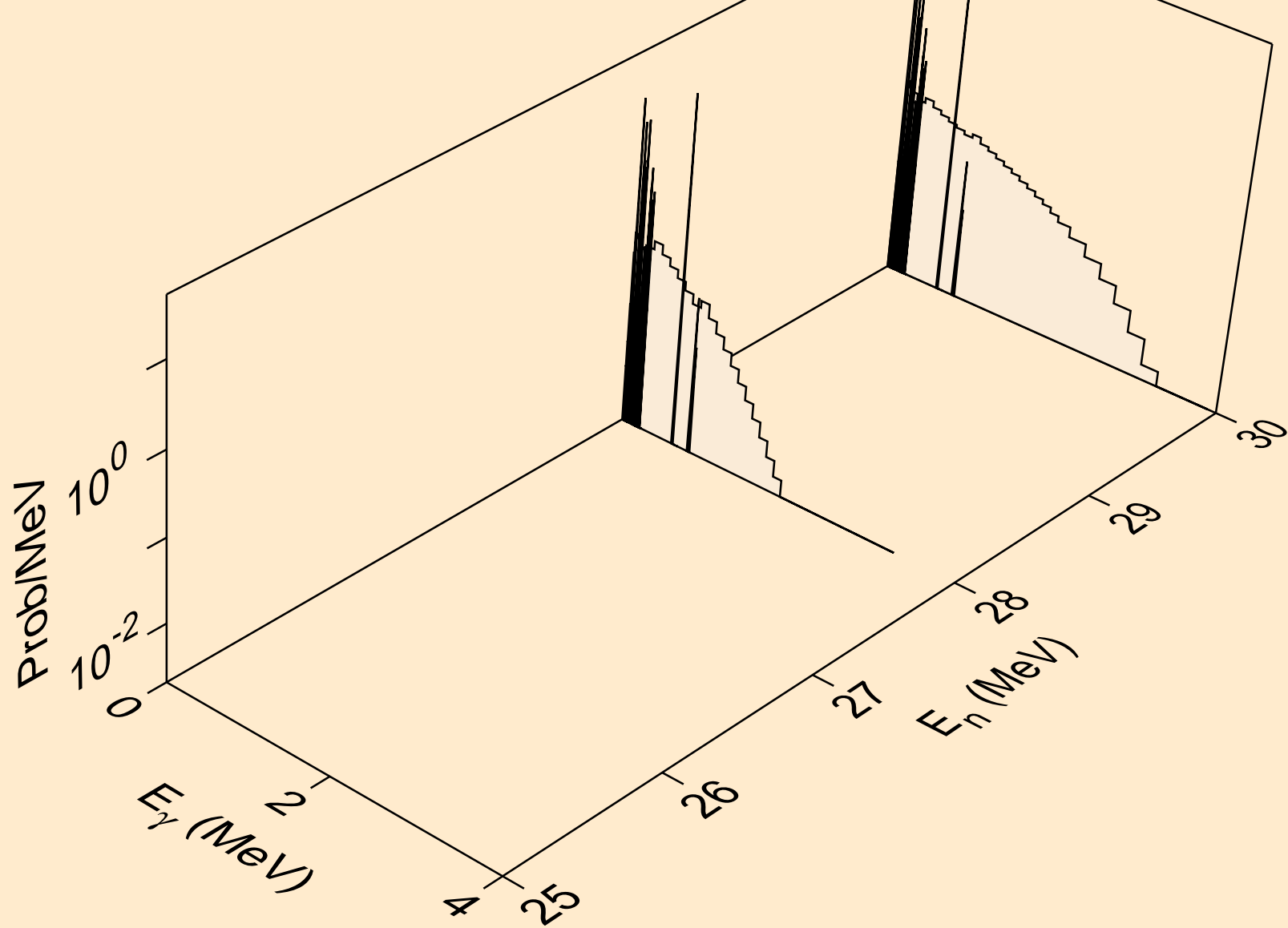


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

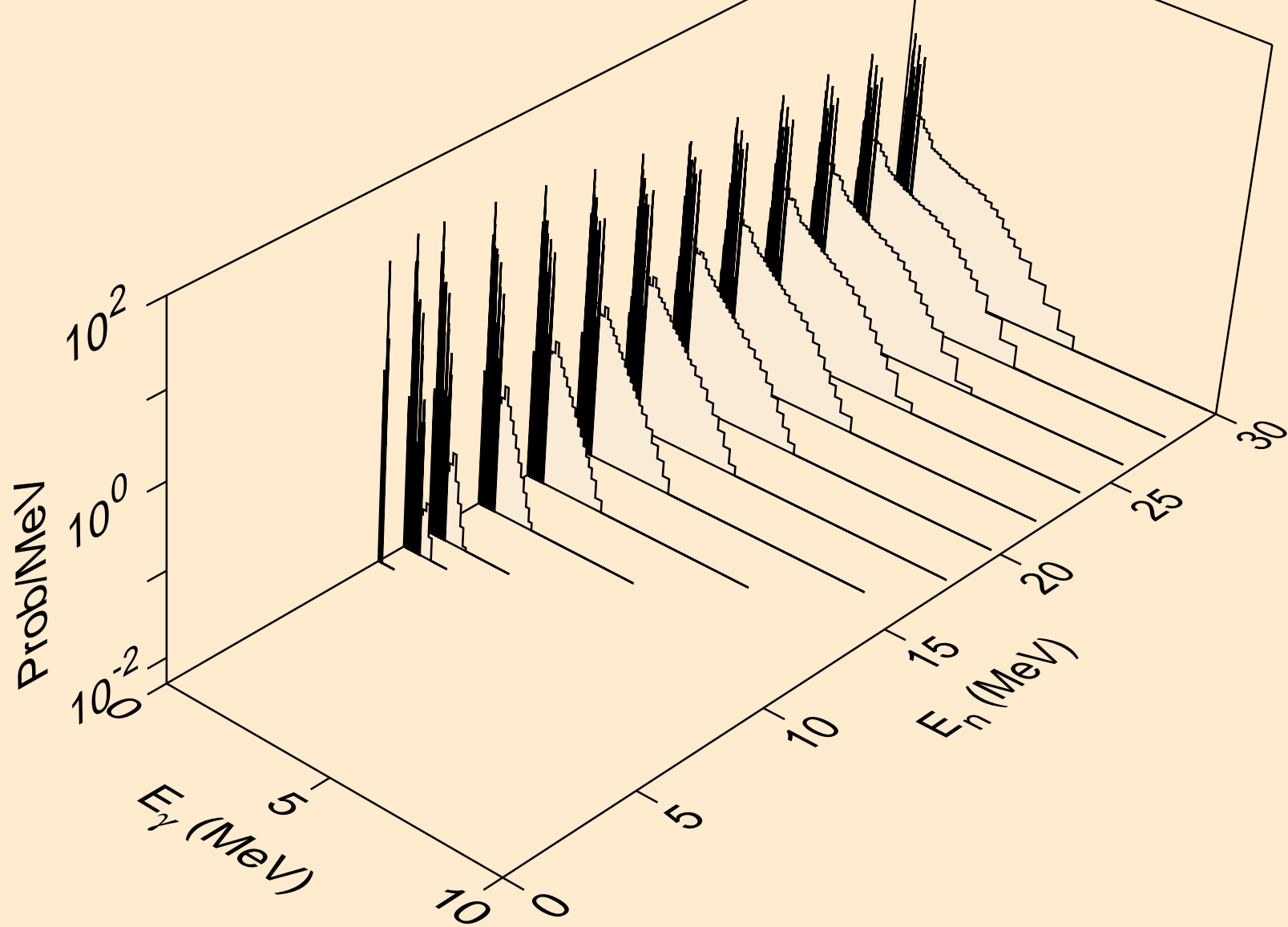




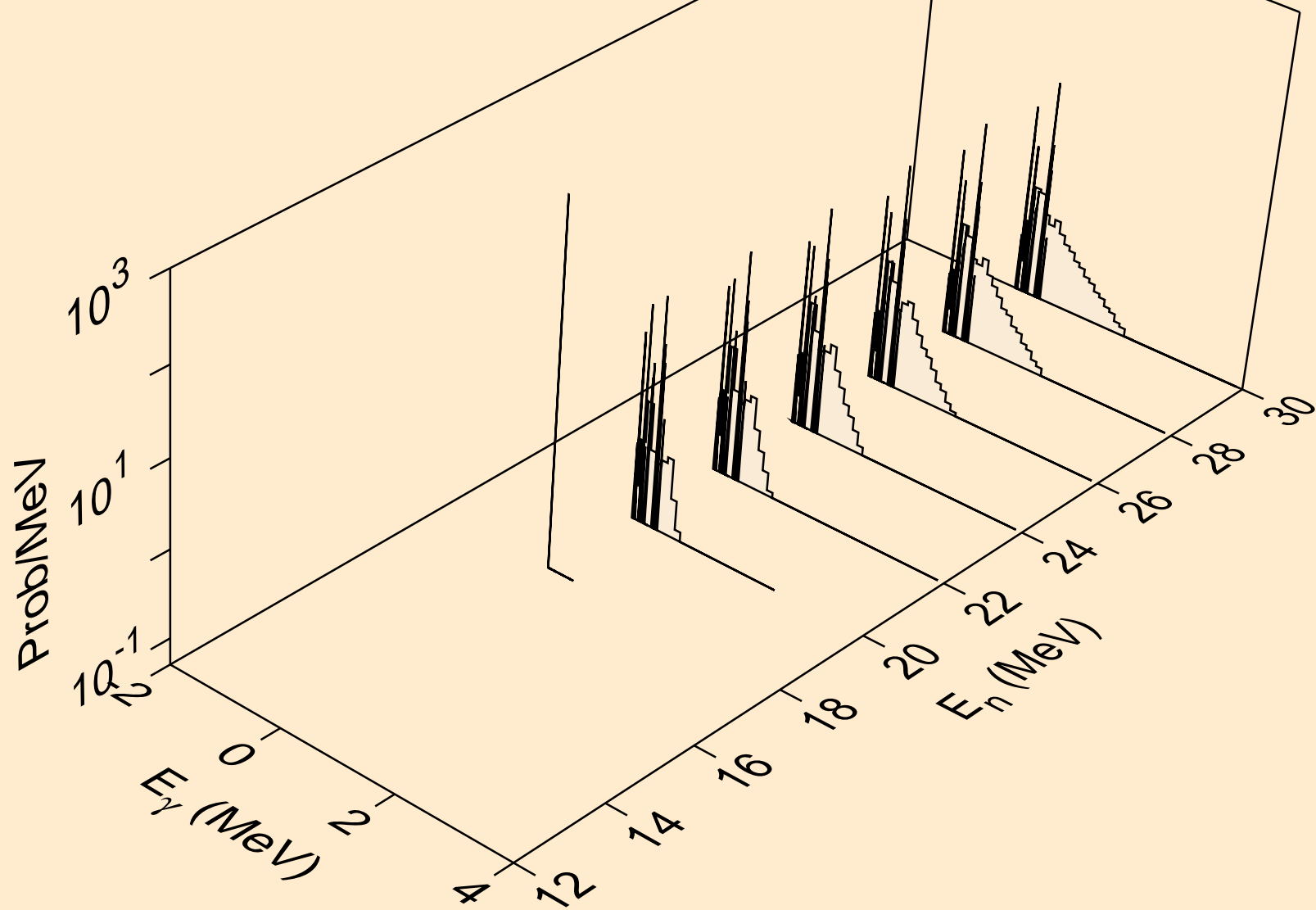
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Photon emission for (n,3n)



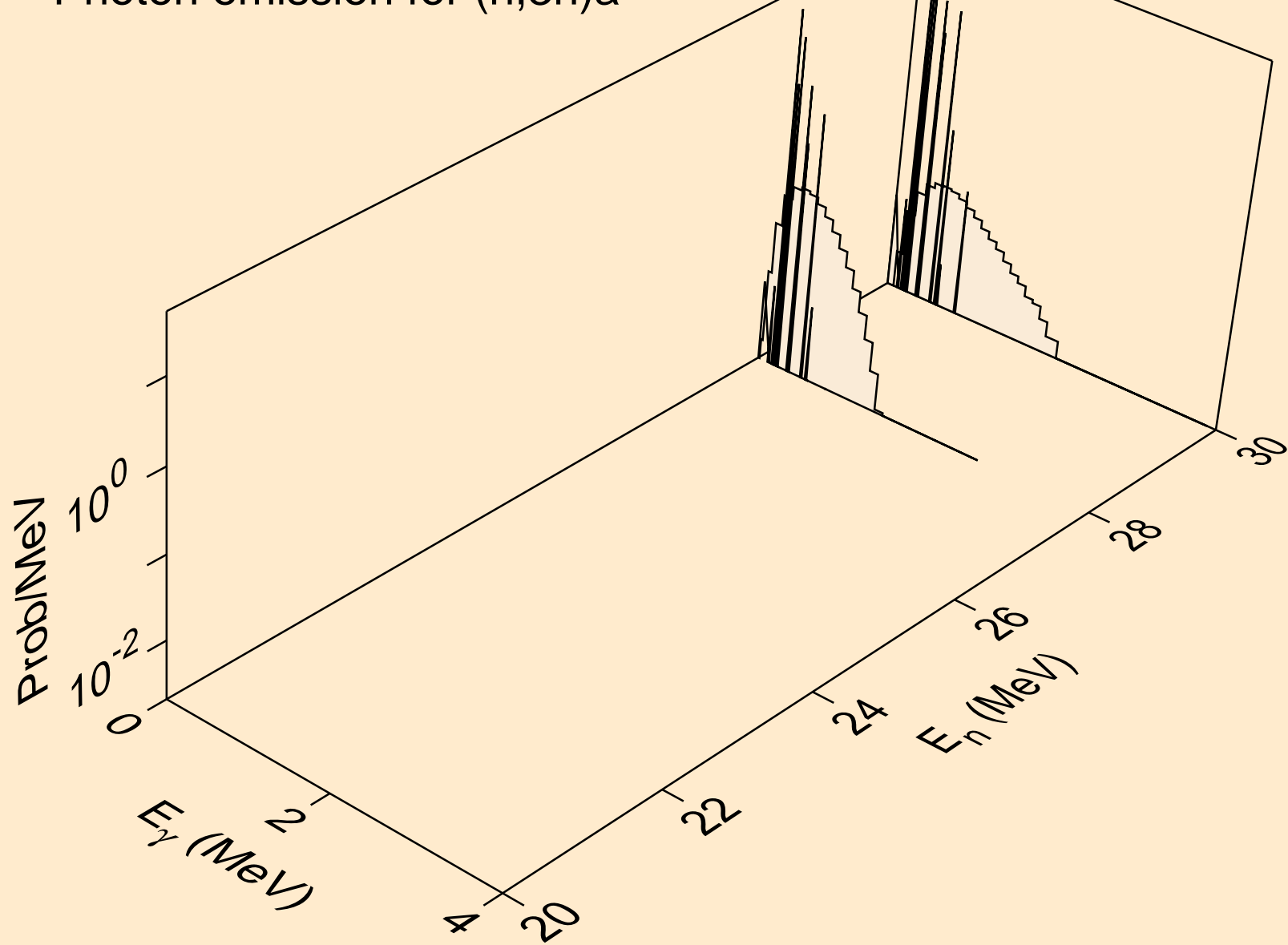
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



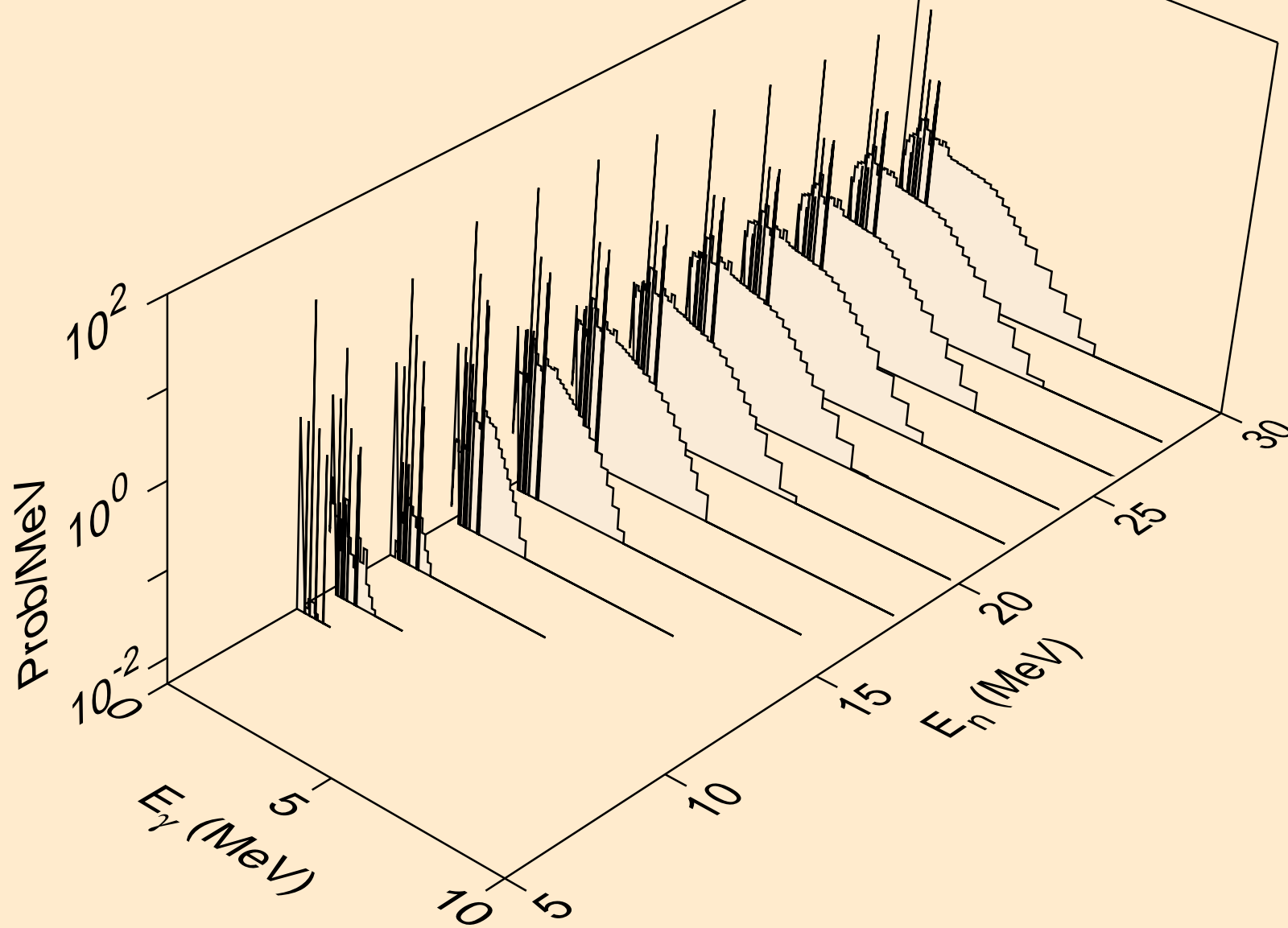
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Photon emission for (n,2n)a



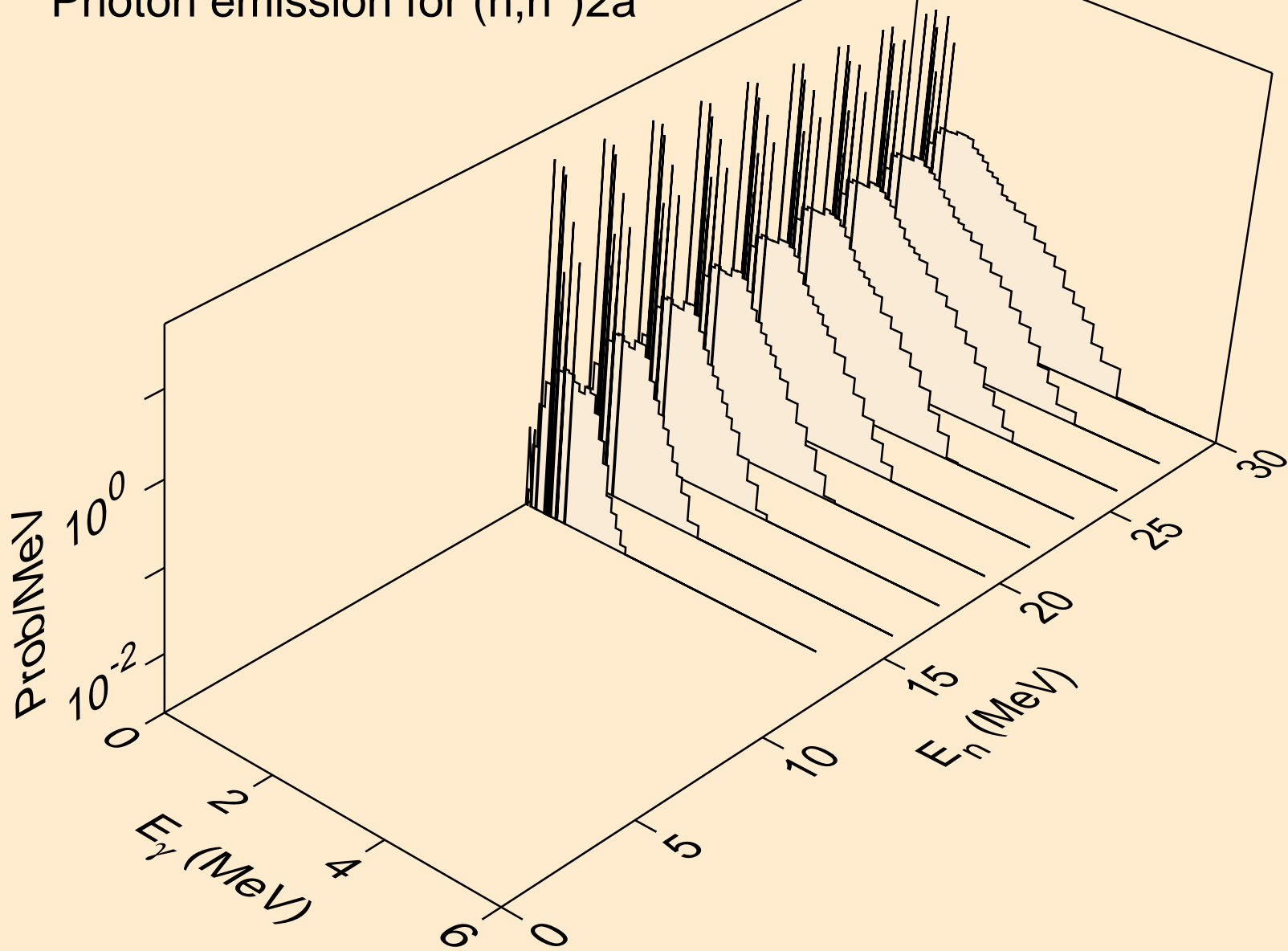
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Photon emission for (n,3n)a



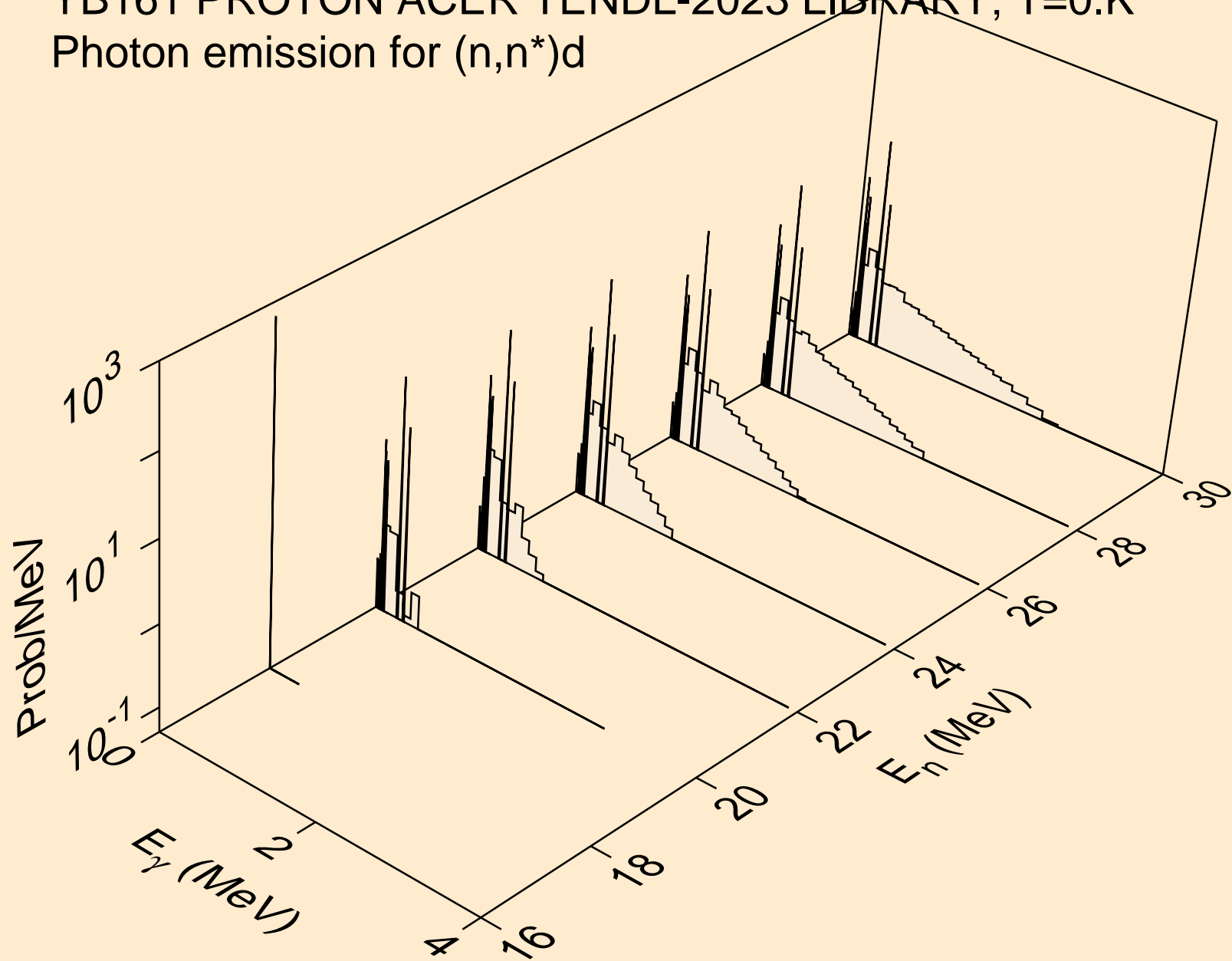
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Photon emission for (n,n\*)p



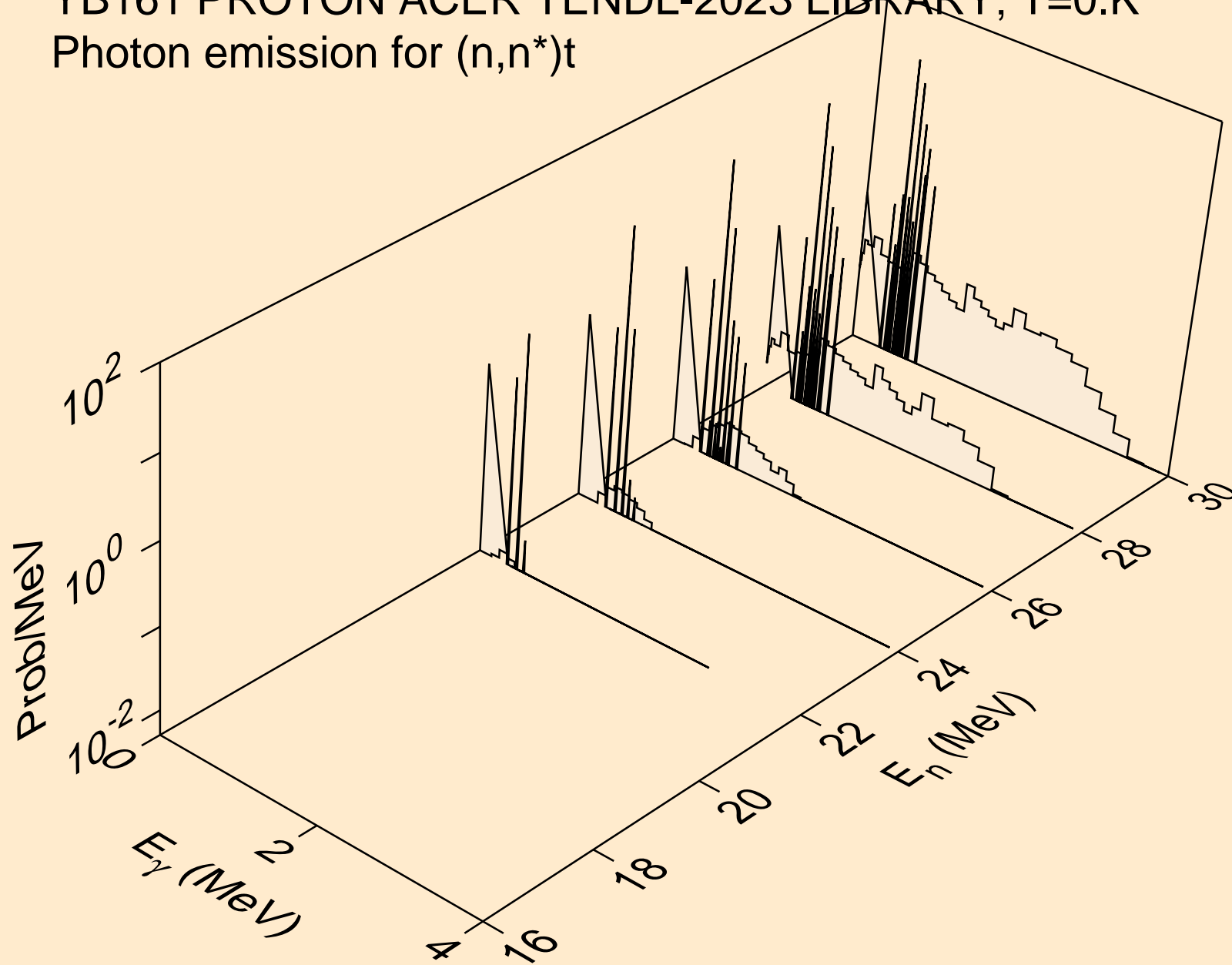
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

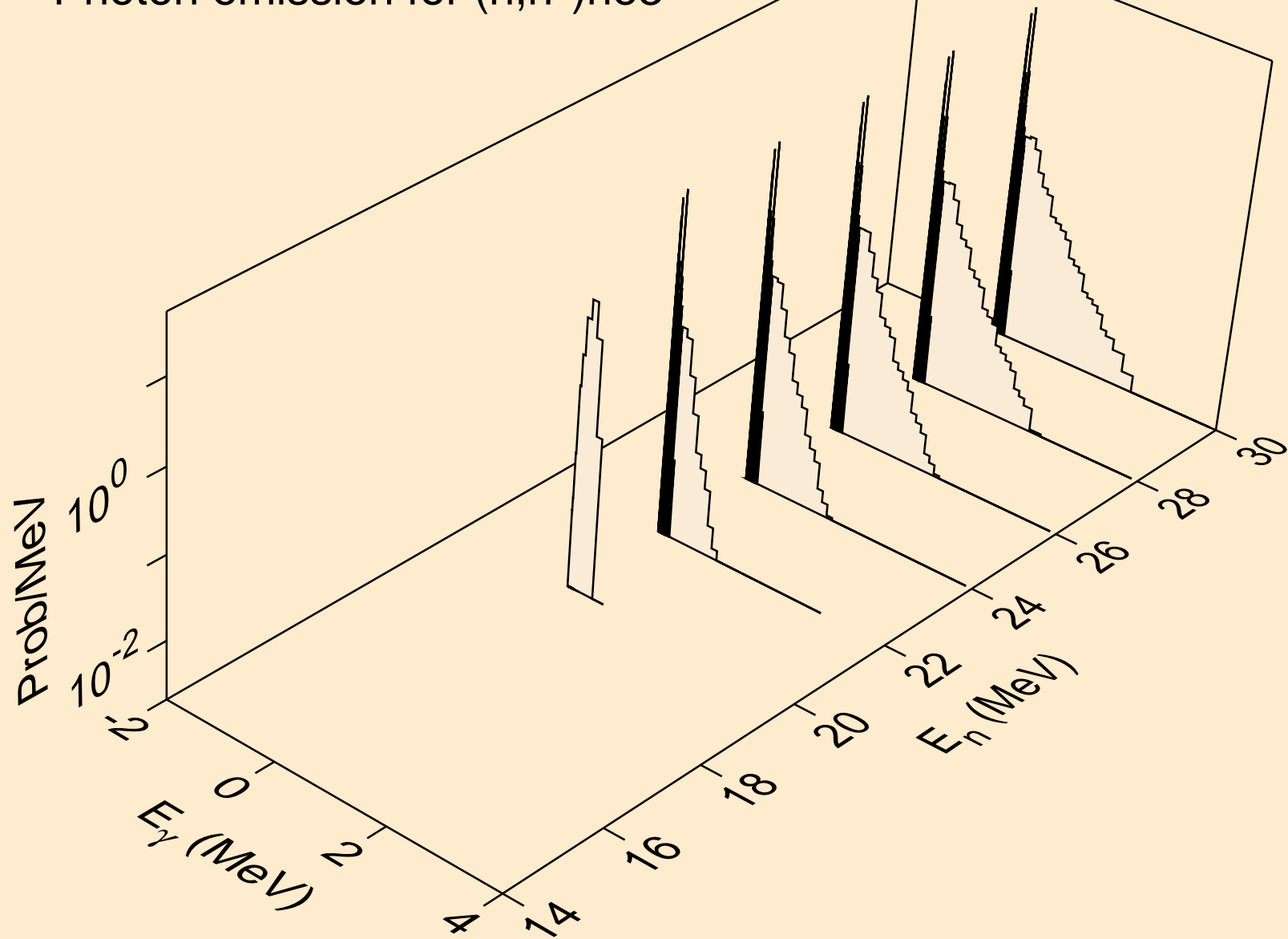


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

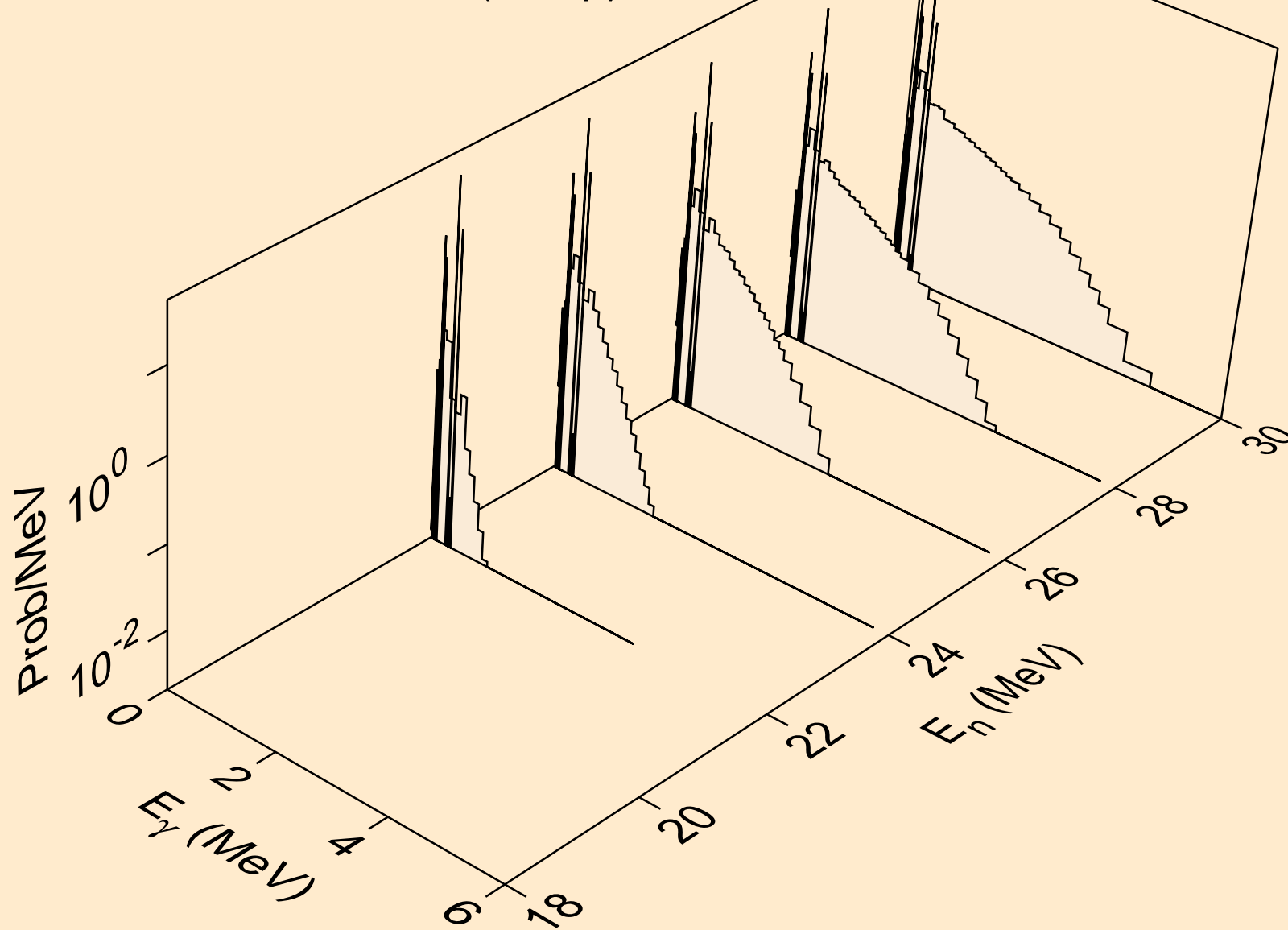




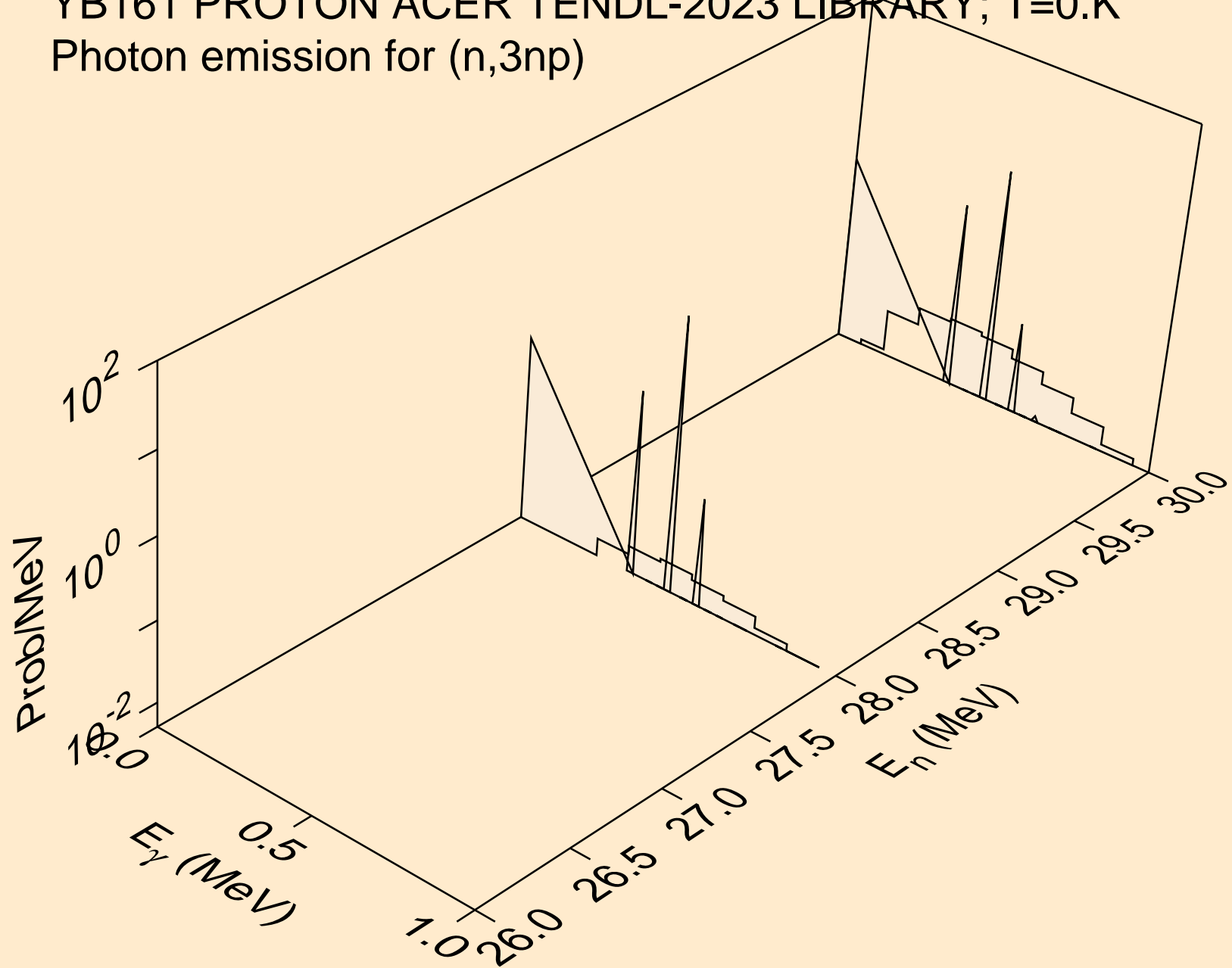
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



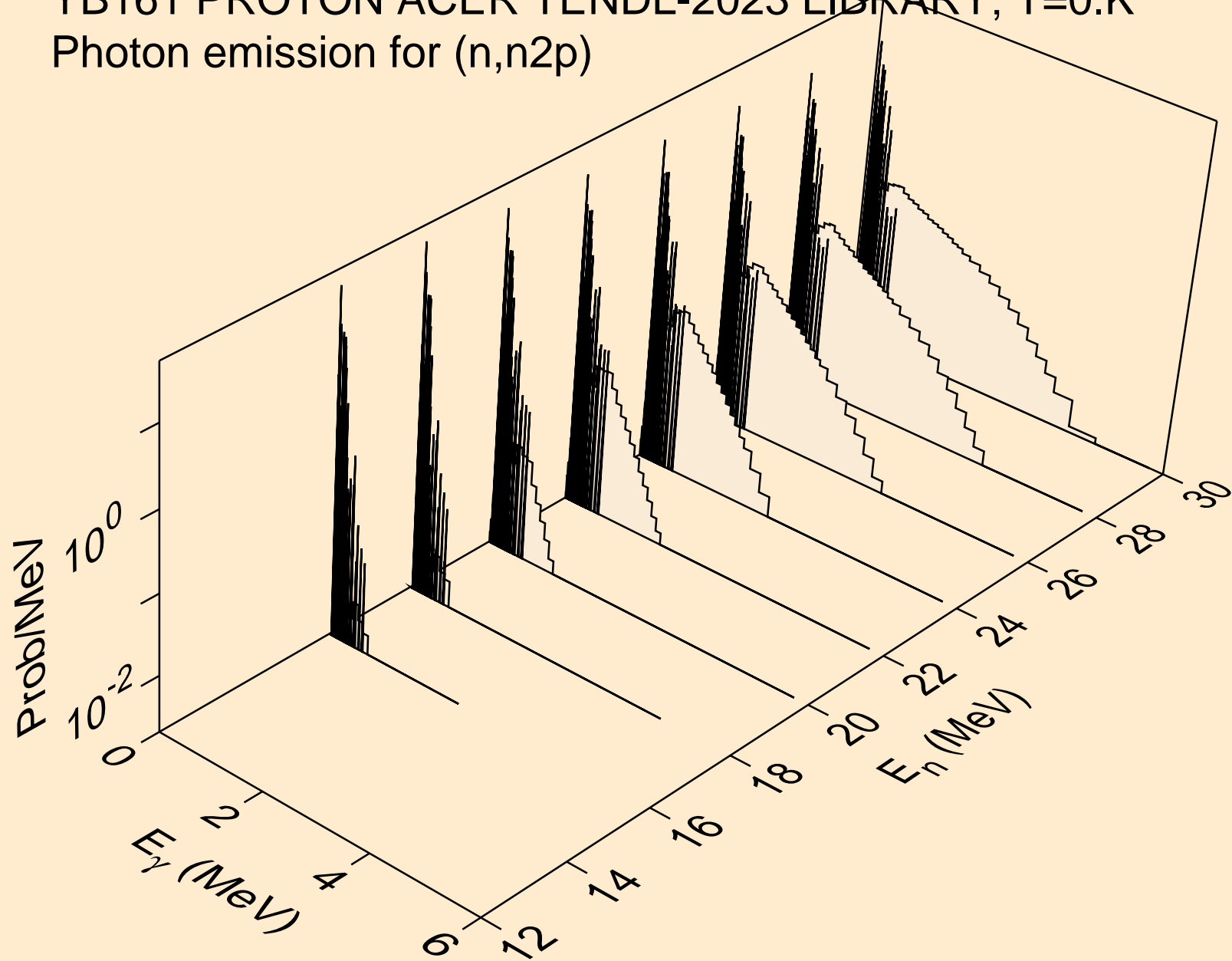
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Photon emission for (n,2np)



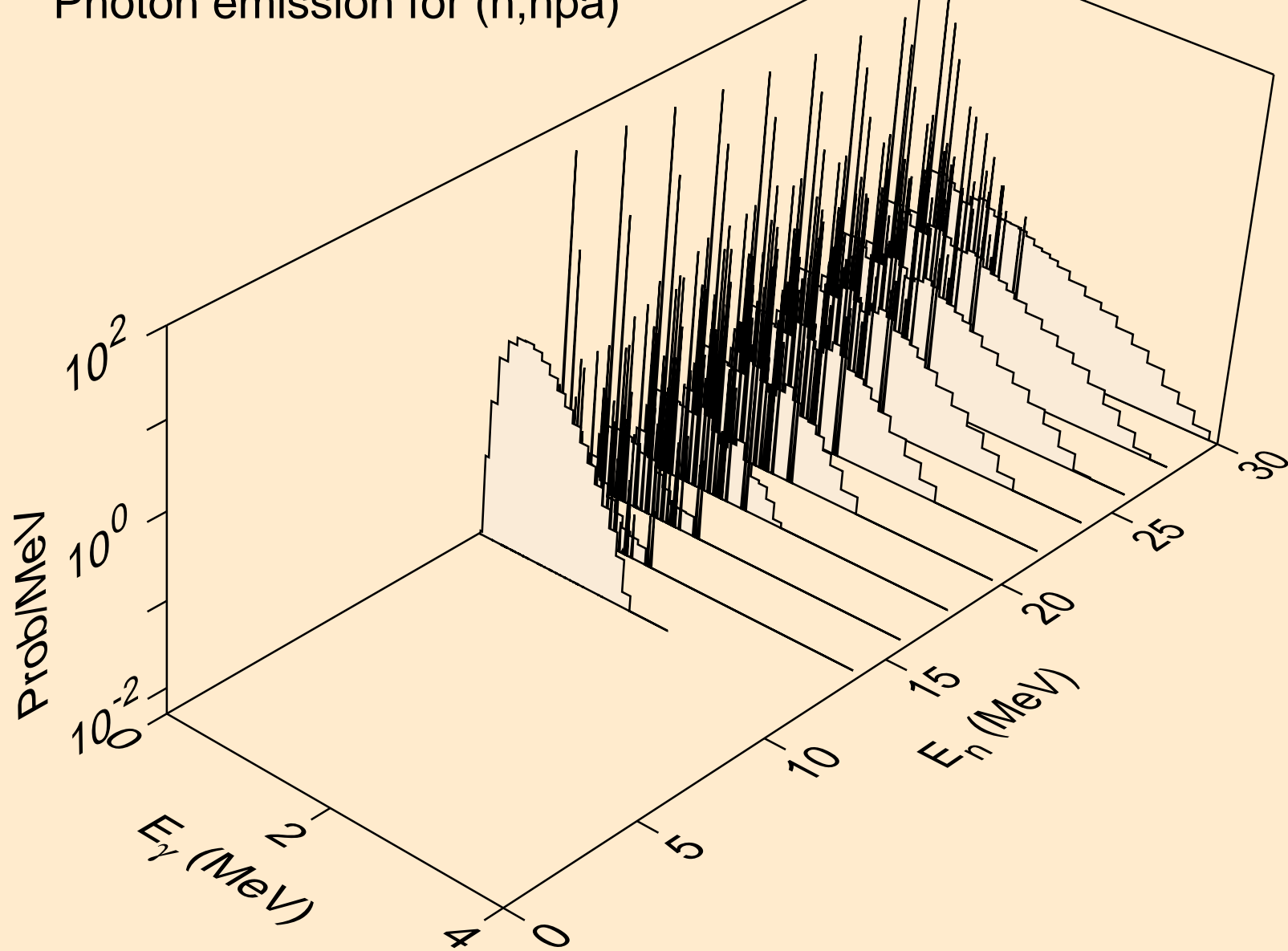
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Photon emission for (n,3np)



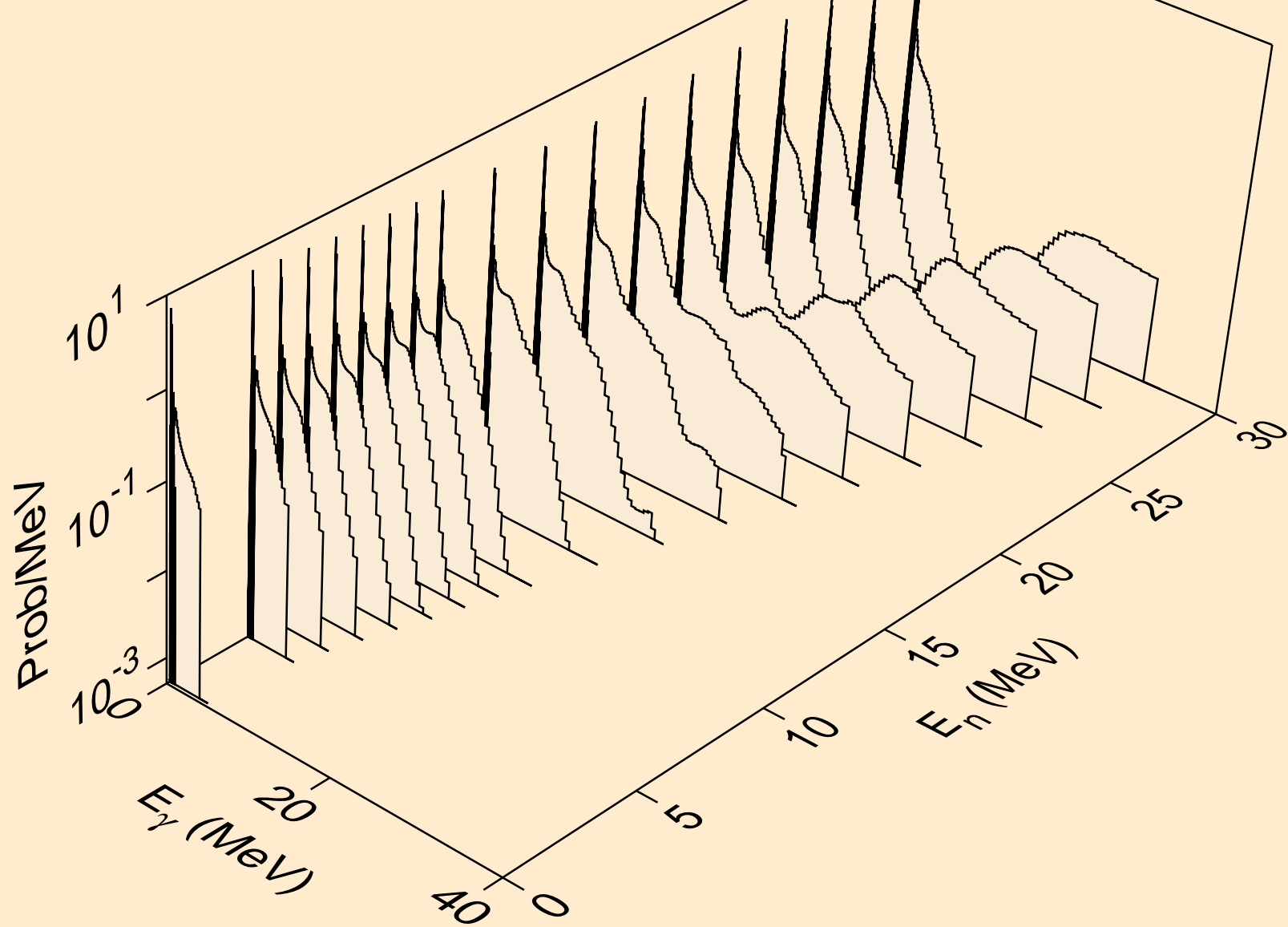
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Photon emission for (n,n2p)



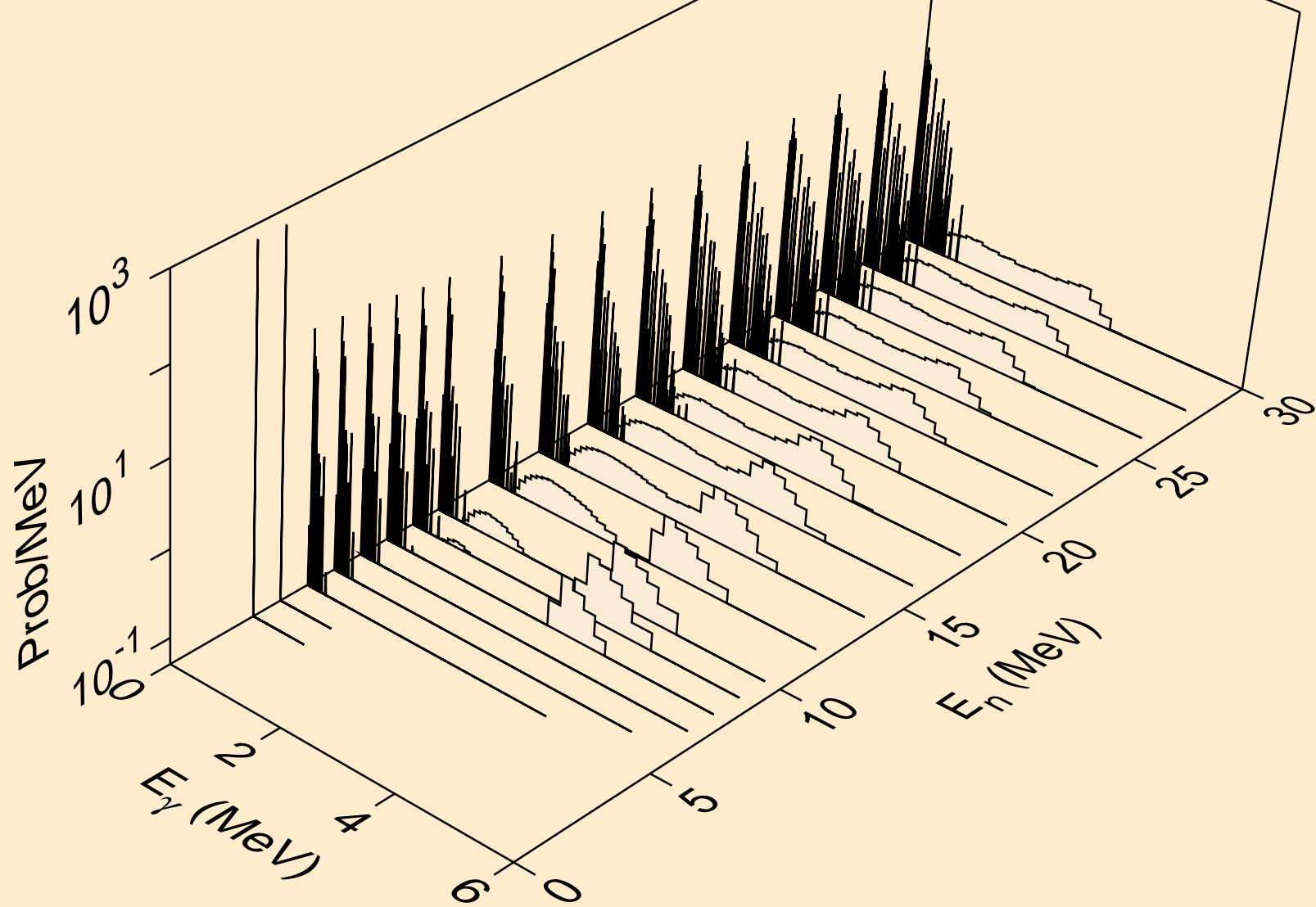
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Photon emission for (n,npa)



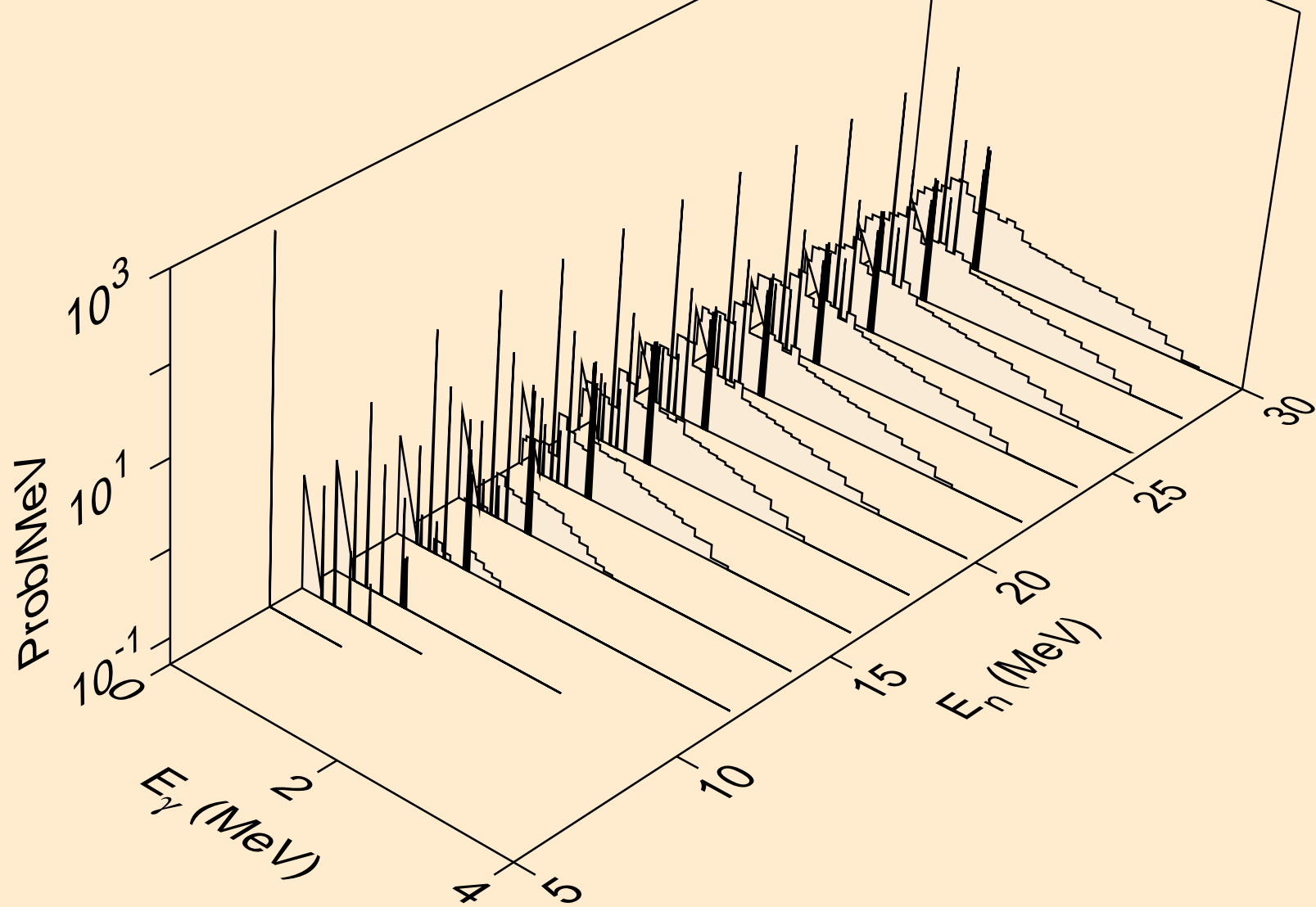
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

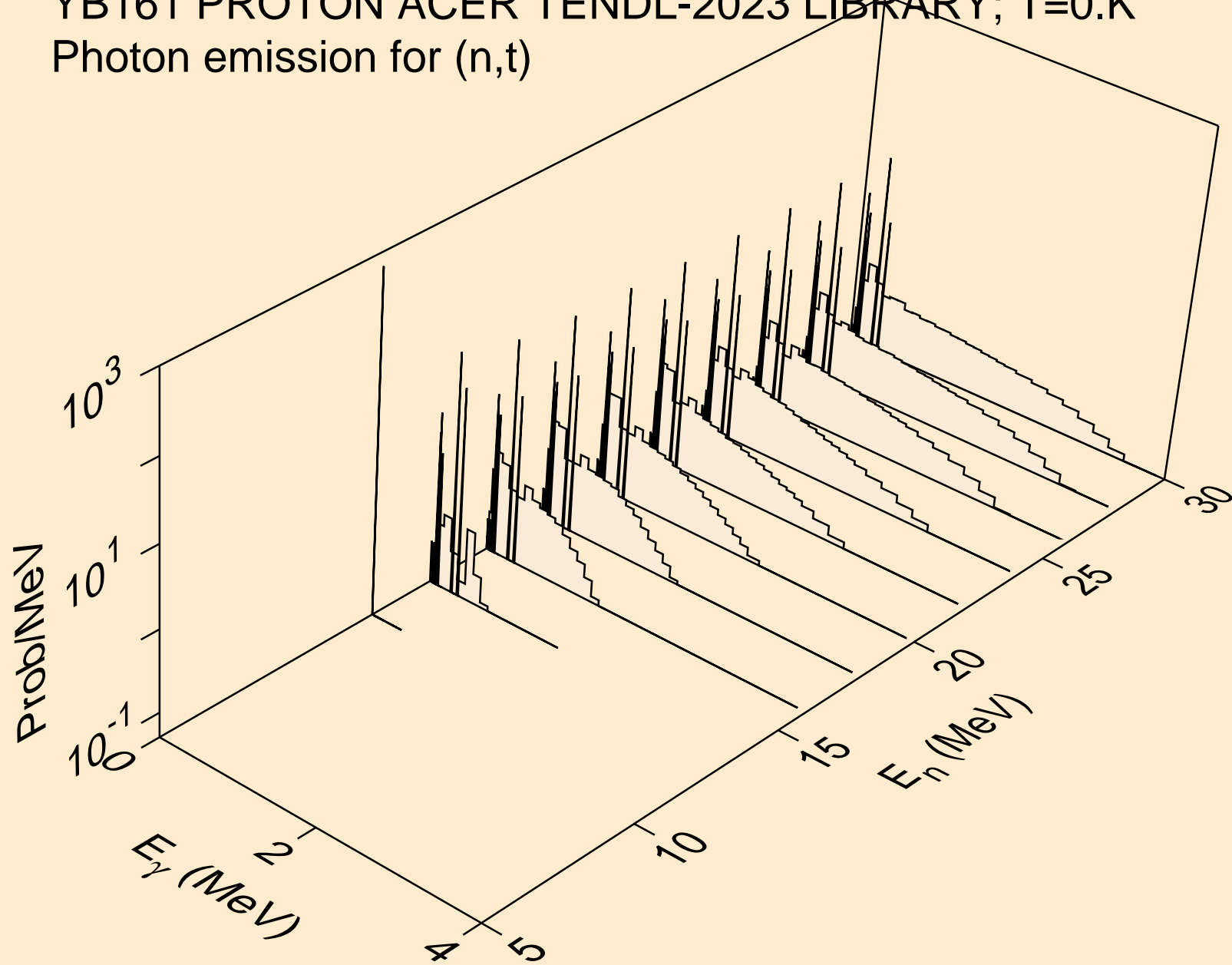


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Photon emission for (n,d)

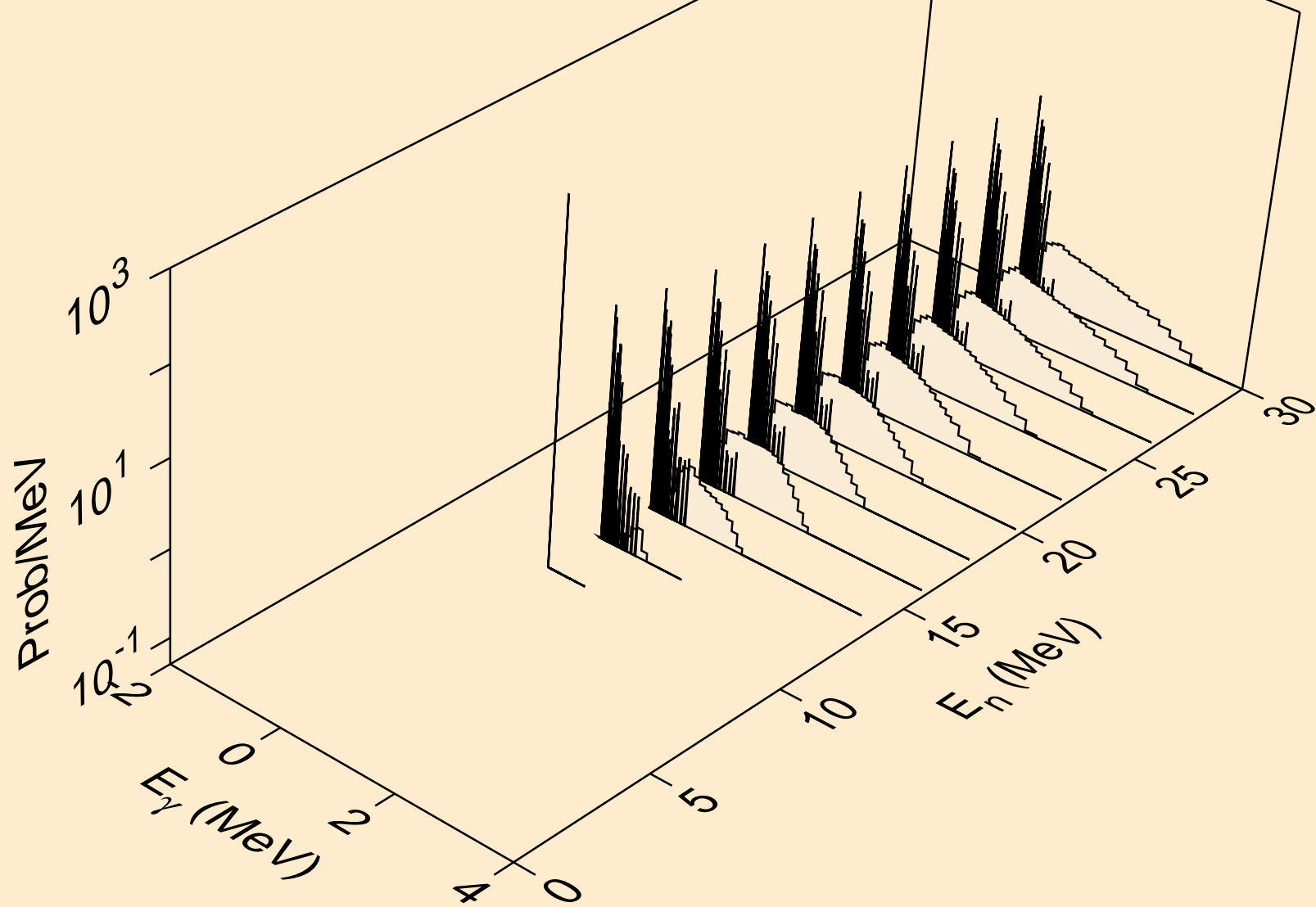




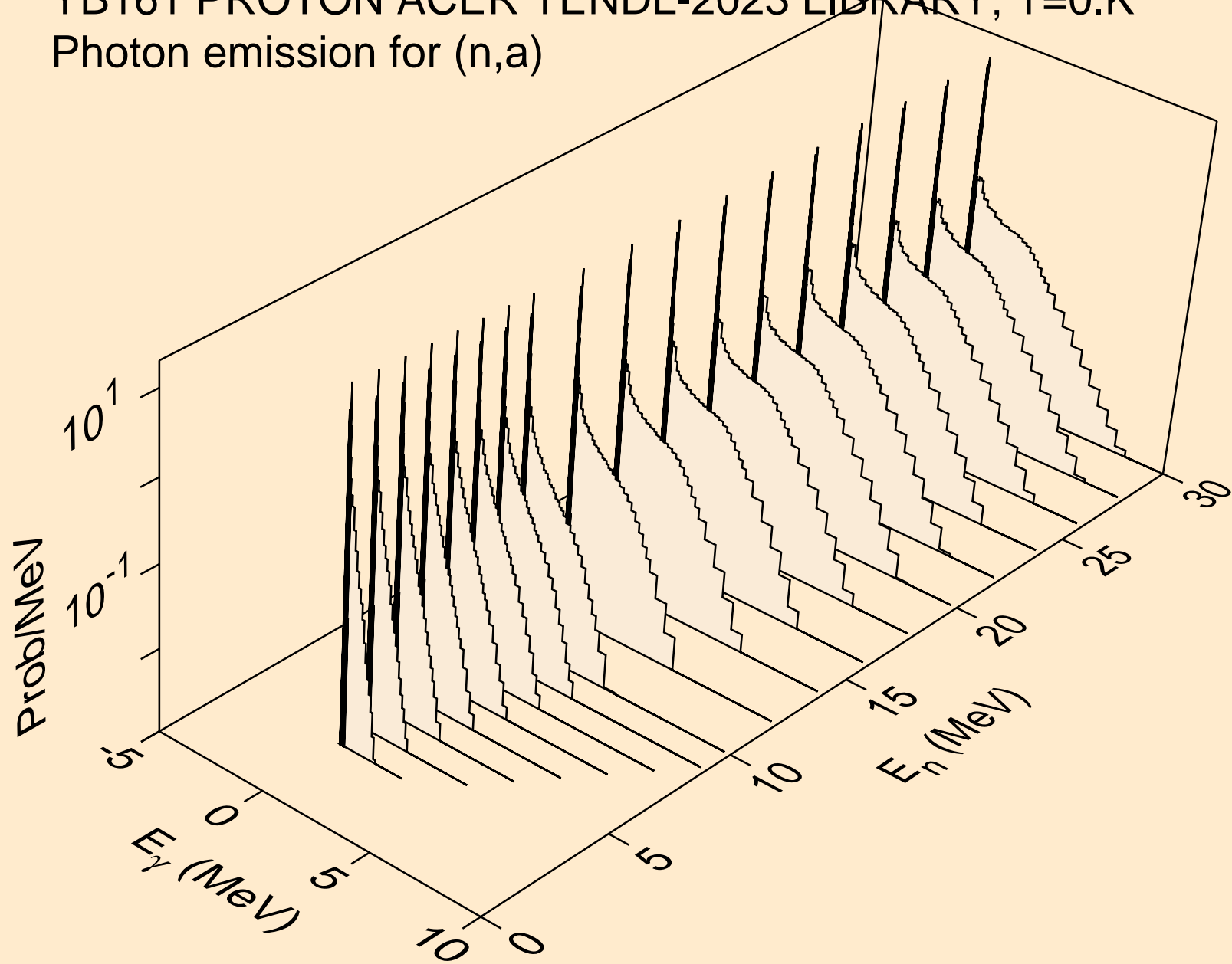
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Photon emission for (n,t)



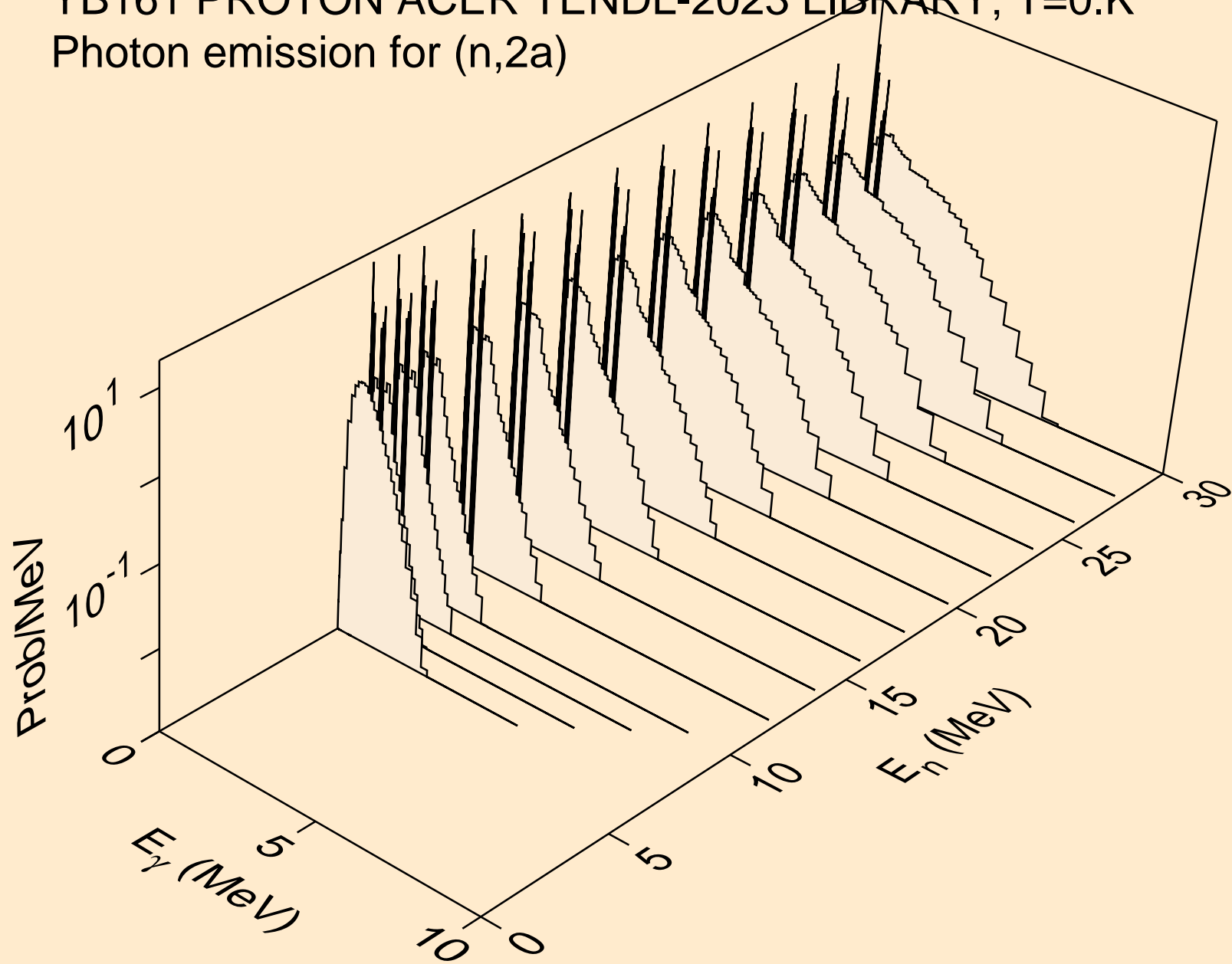
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Photon emission for (n,he3)



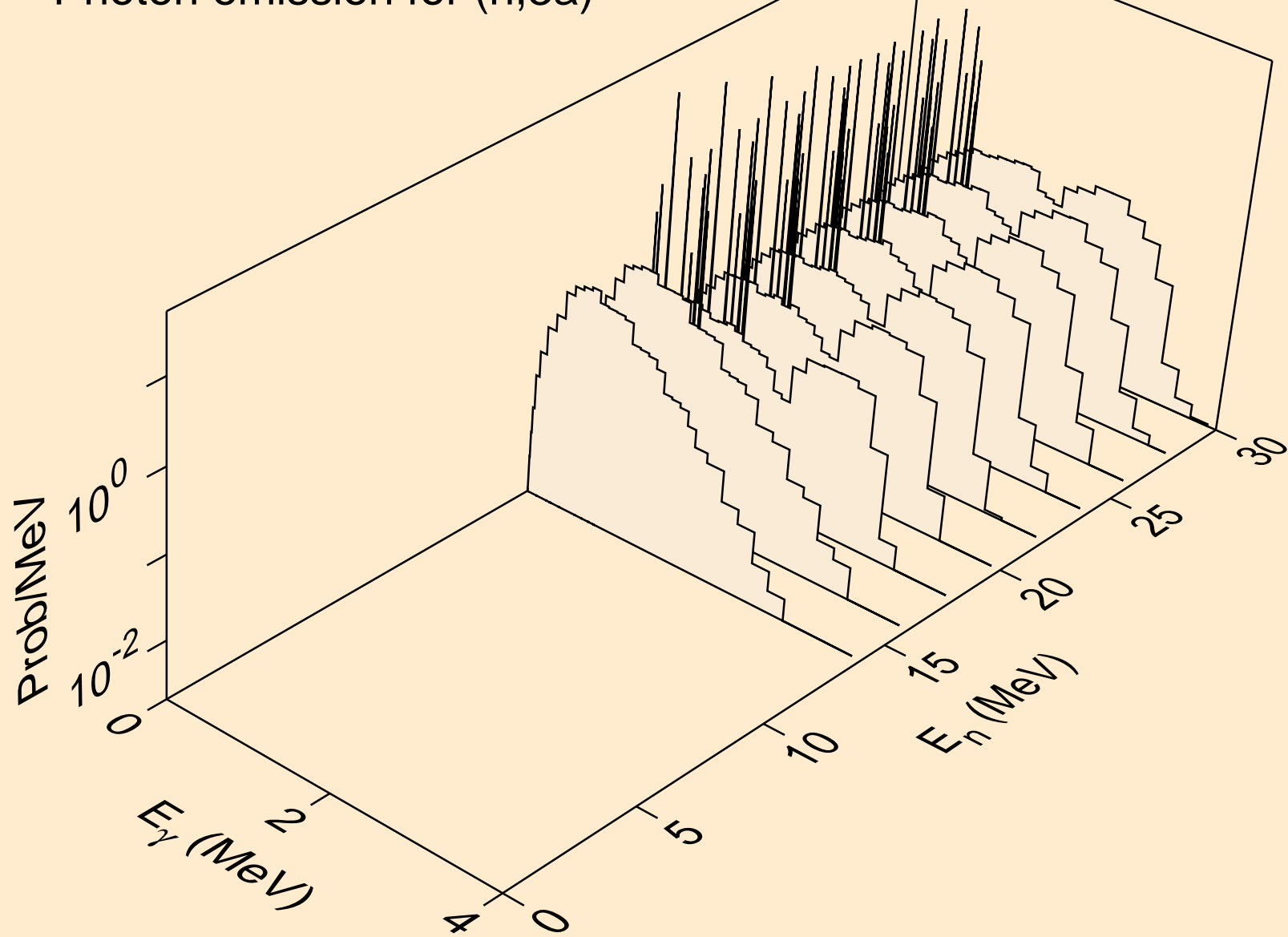
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



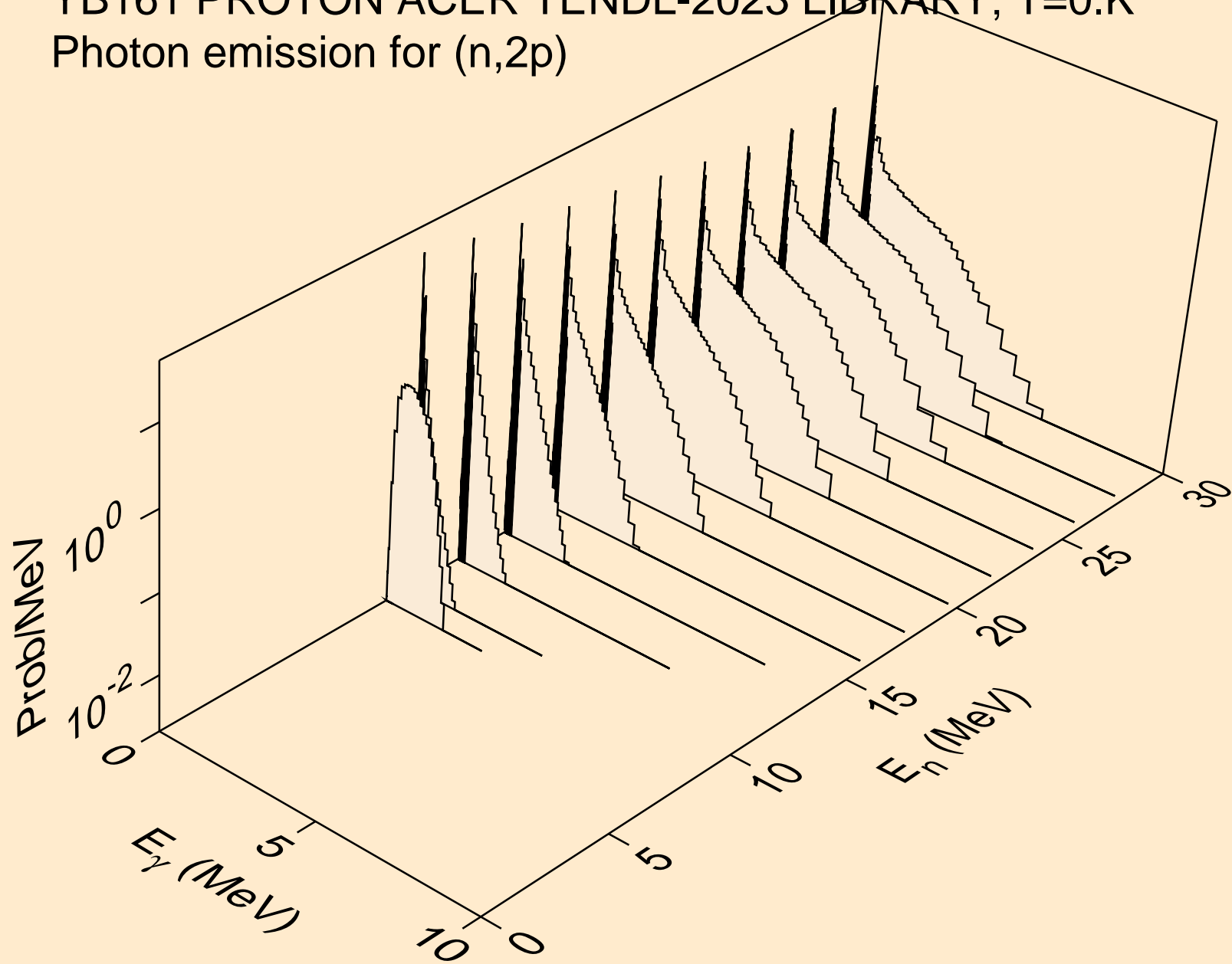
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Photon emission for (n,2a)



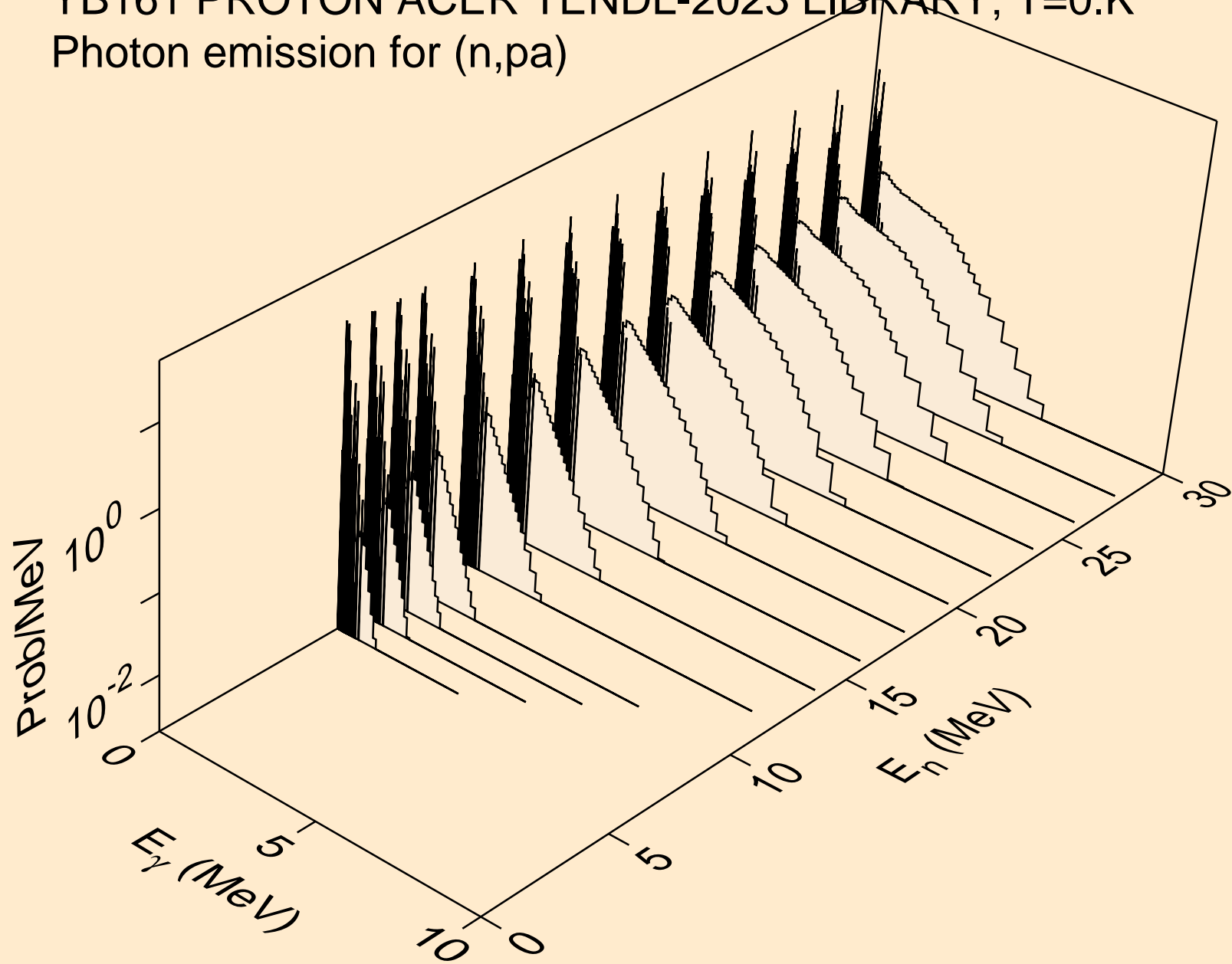
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Photon emission for (n,3a)



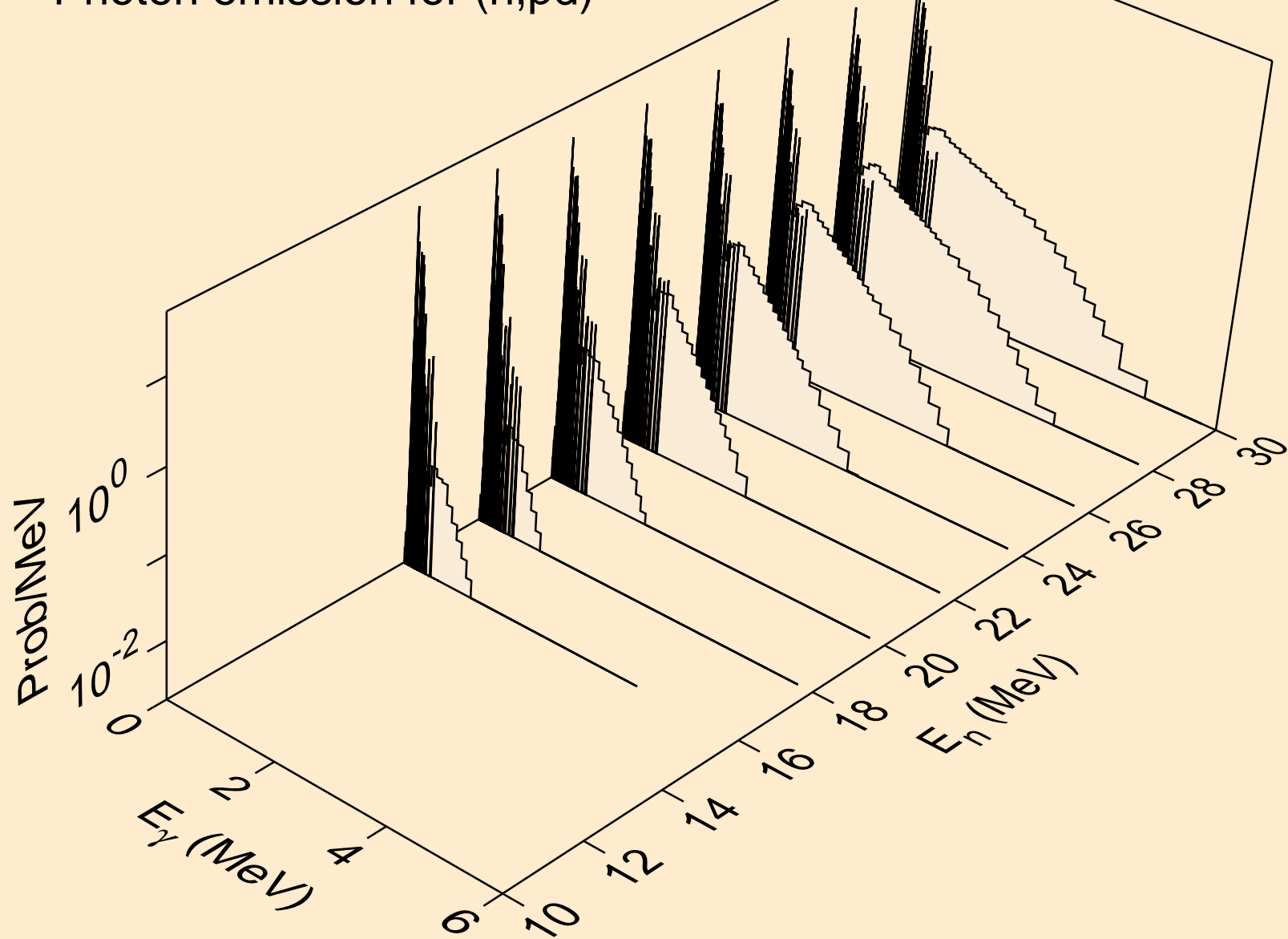
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

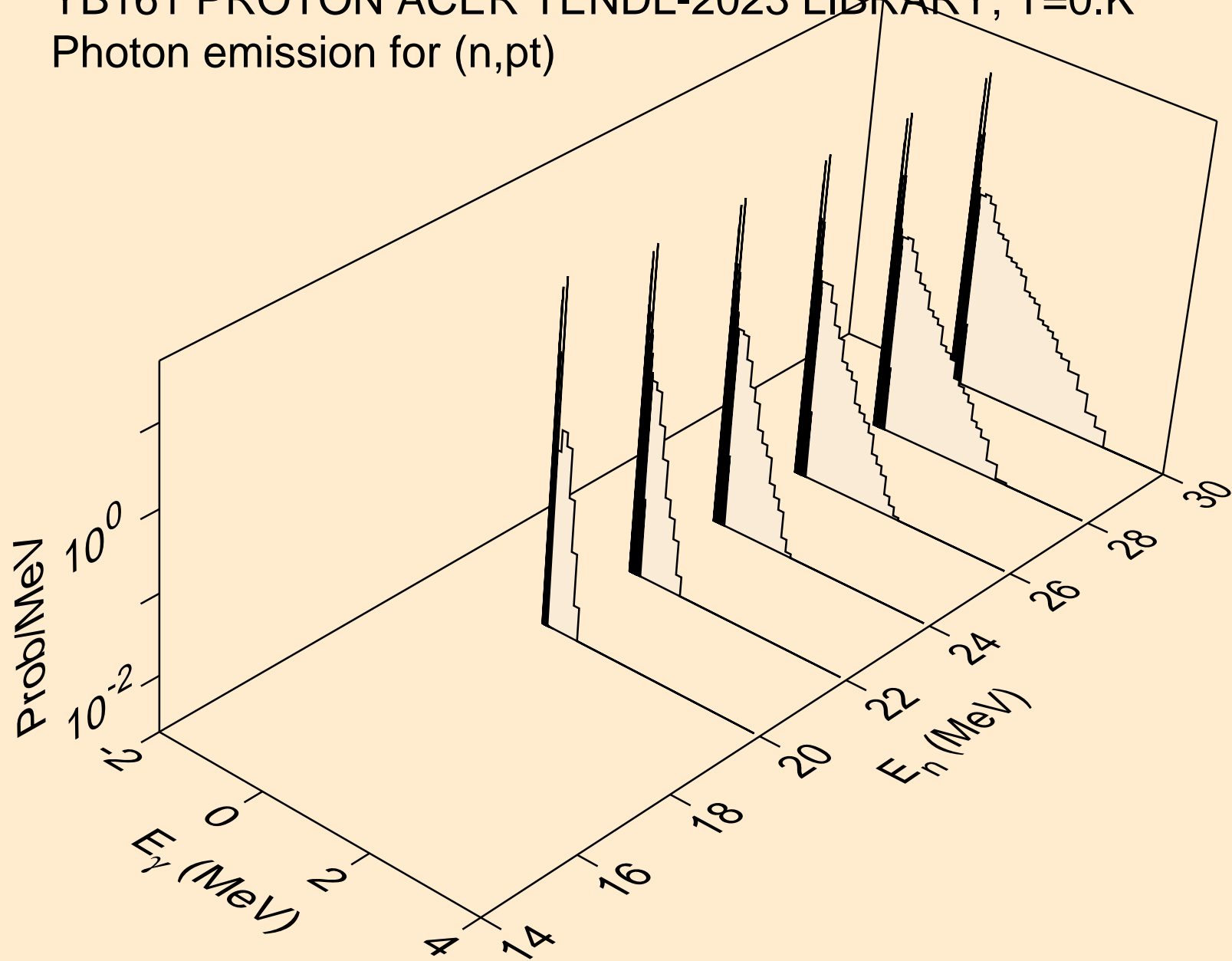


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Photon emission for (n,pd)

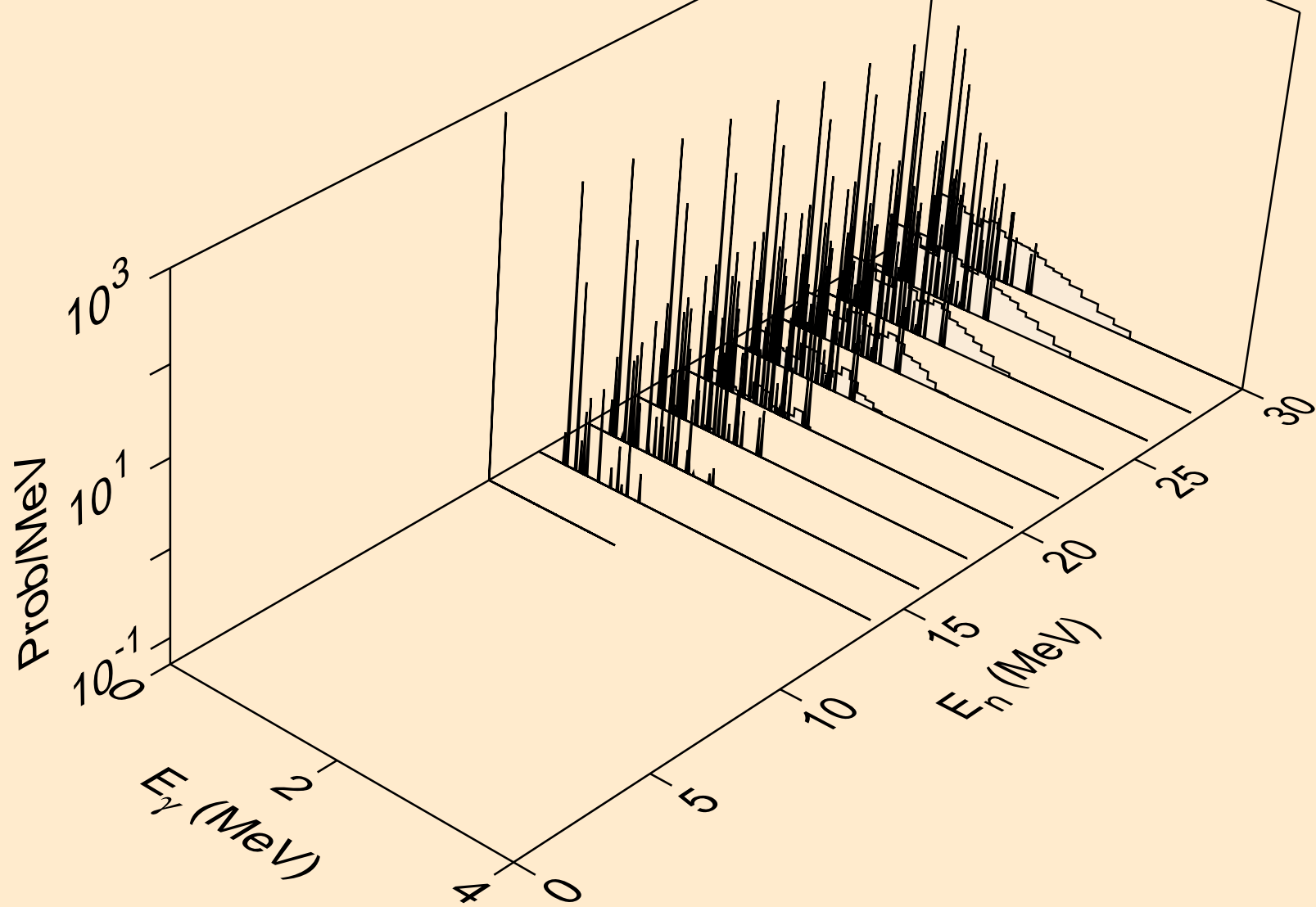




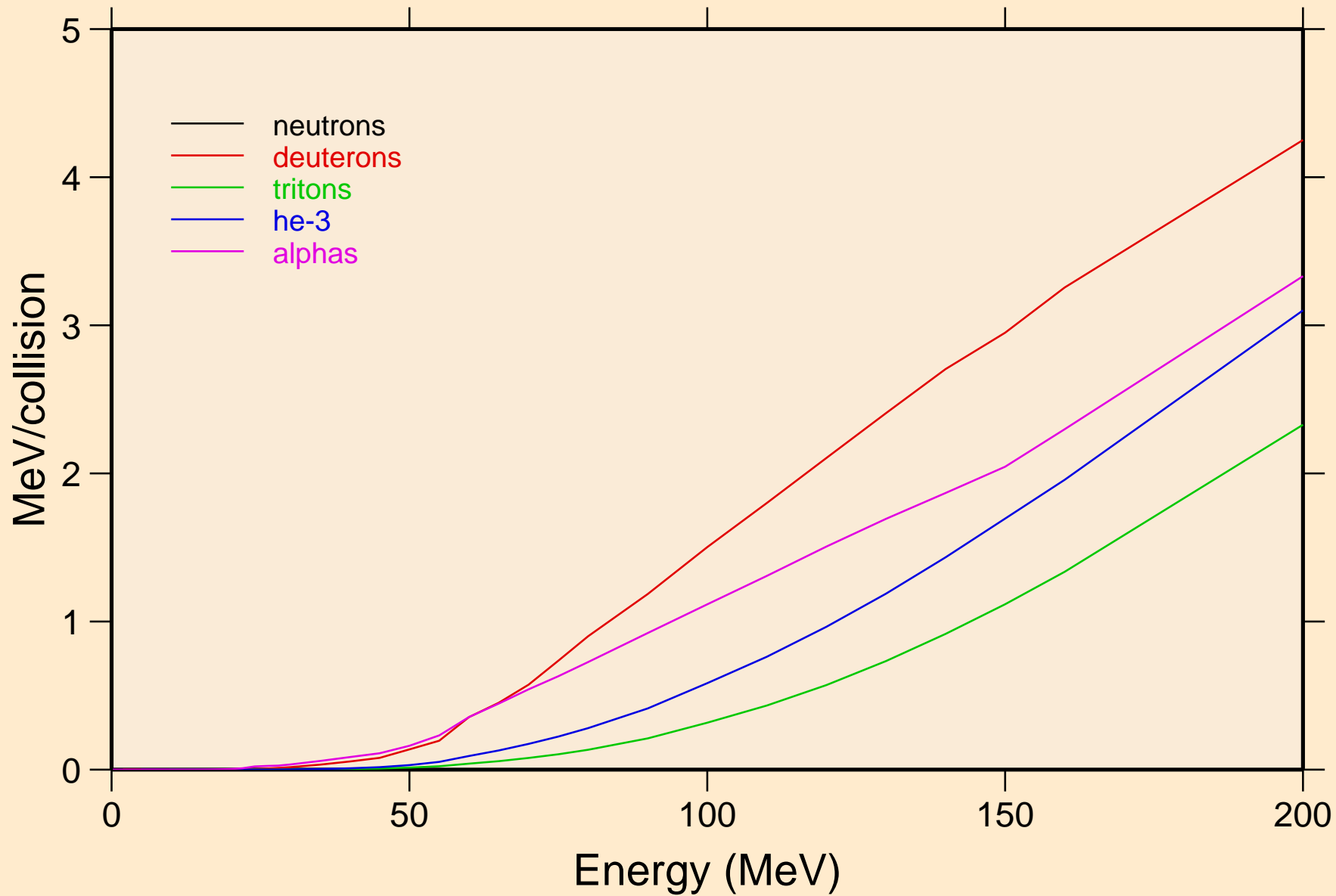
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

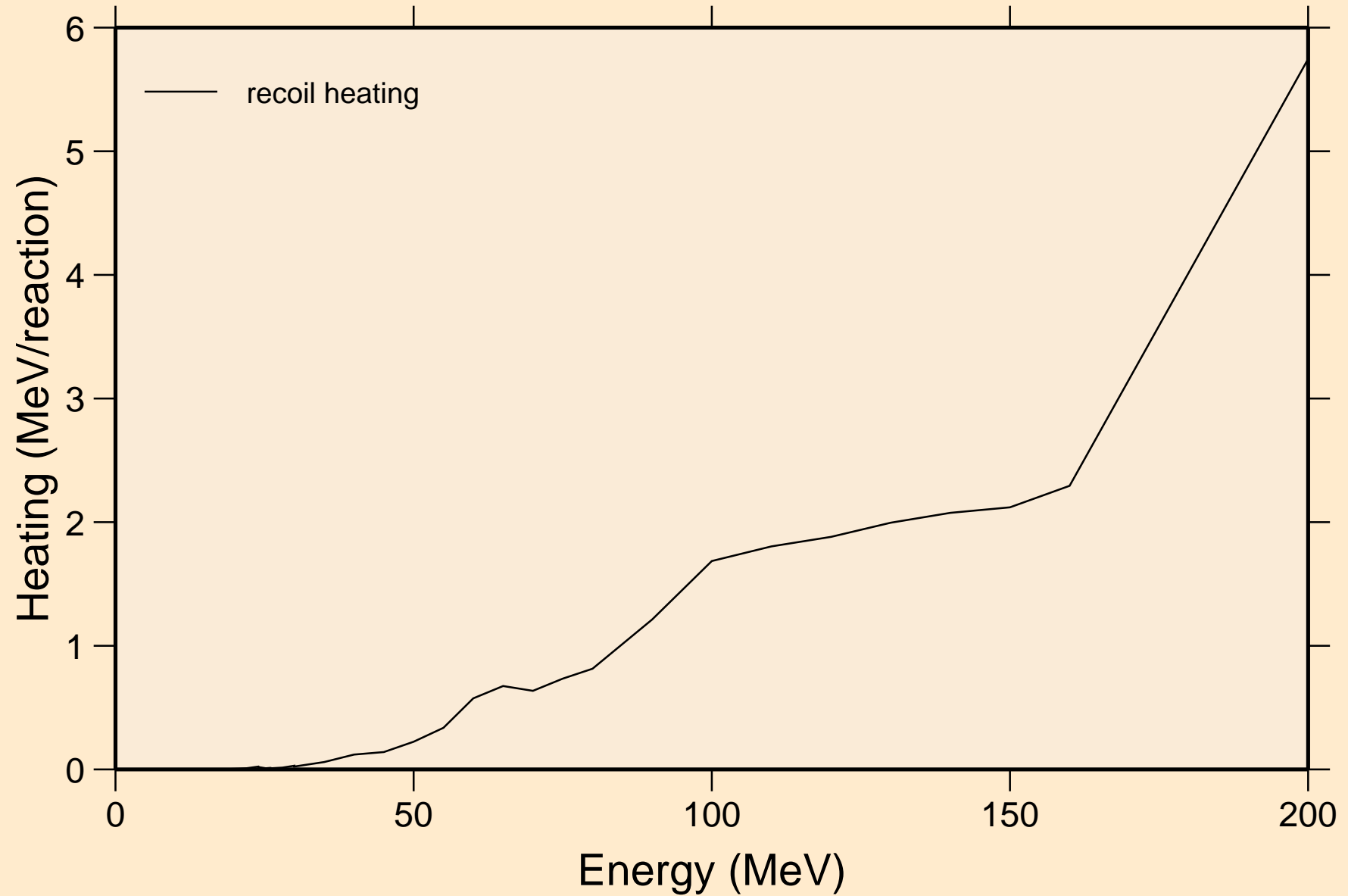


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

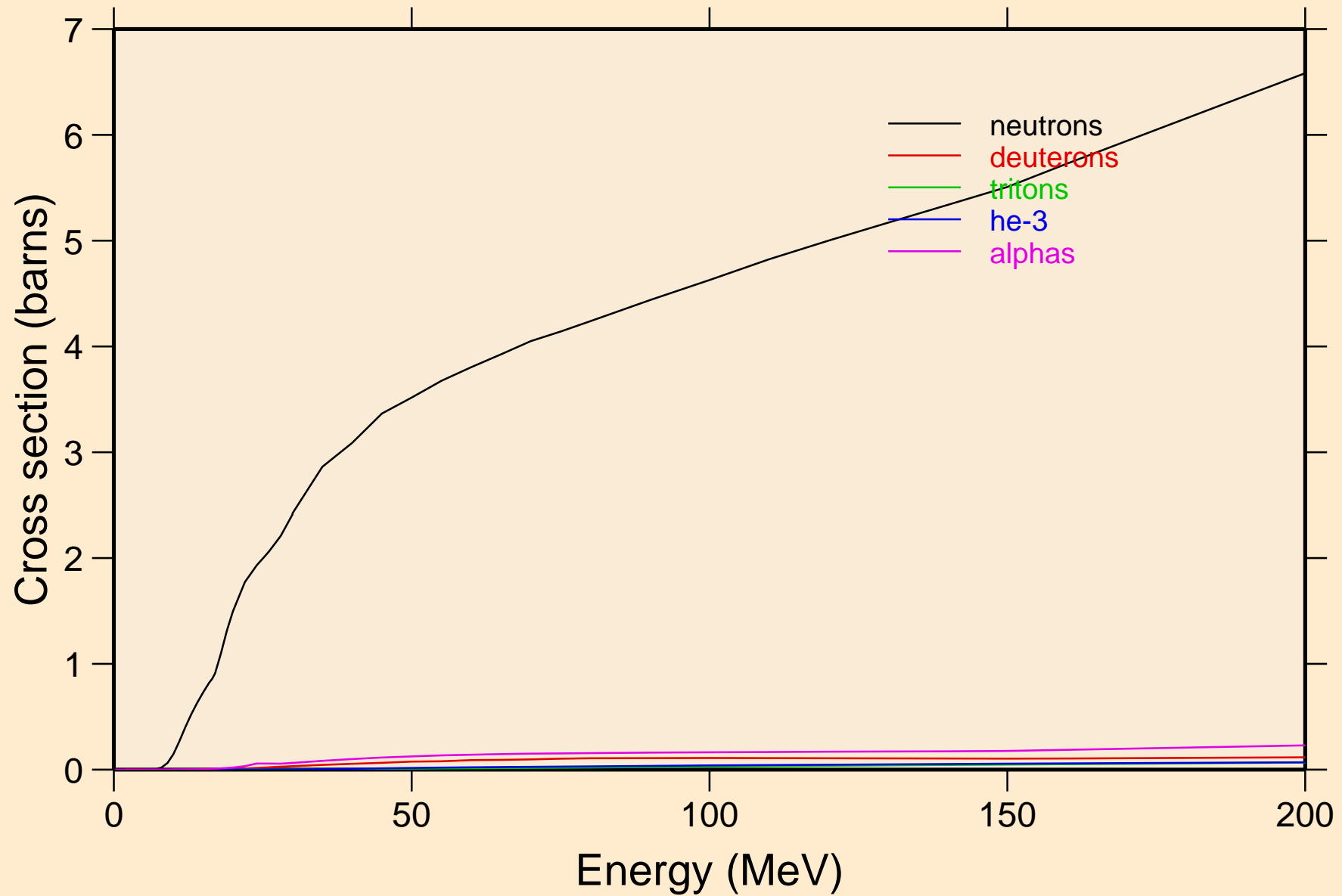


# YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

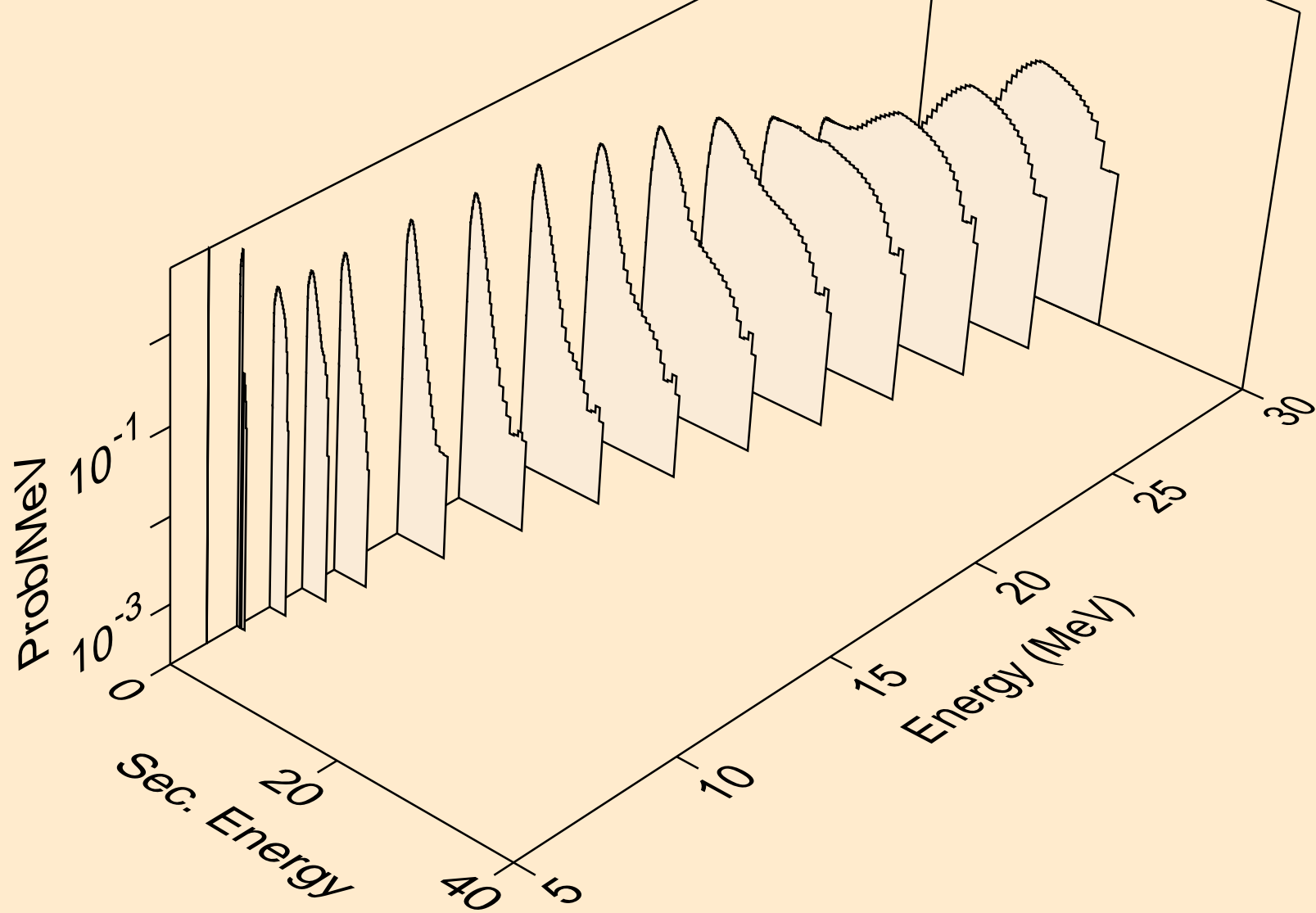
## Recoil Heating



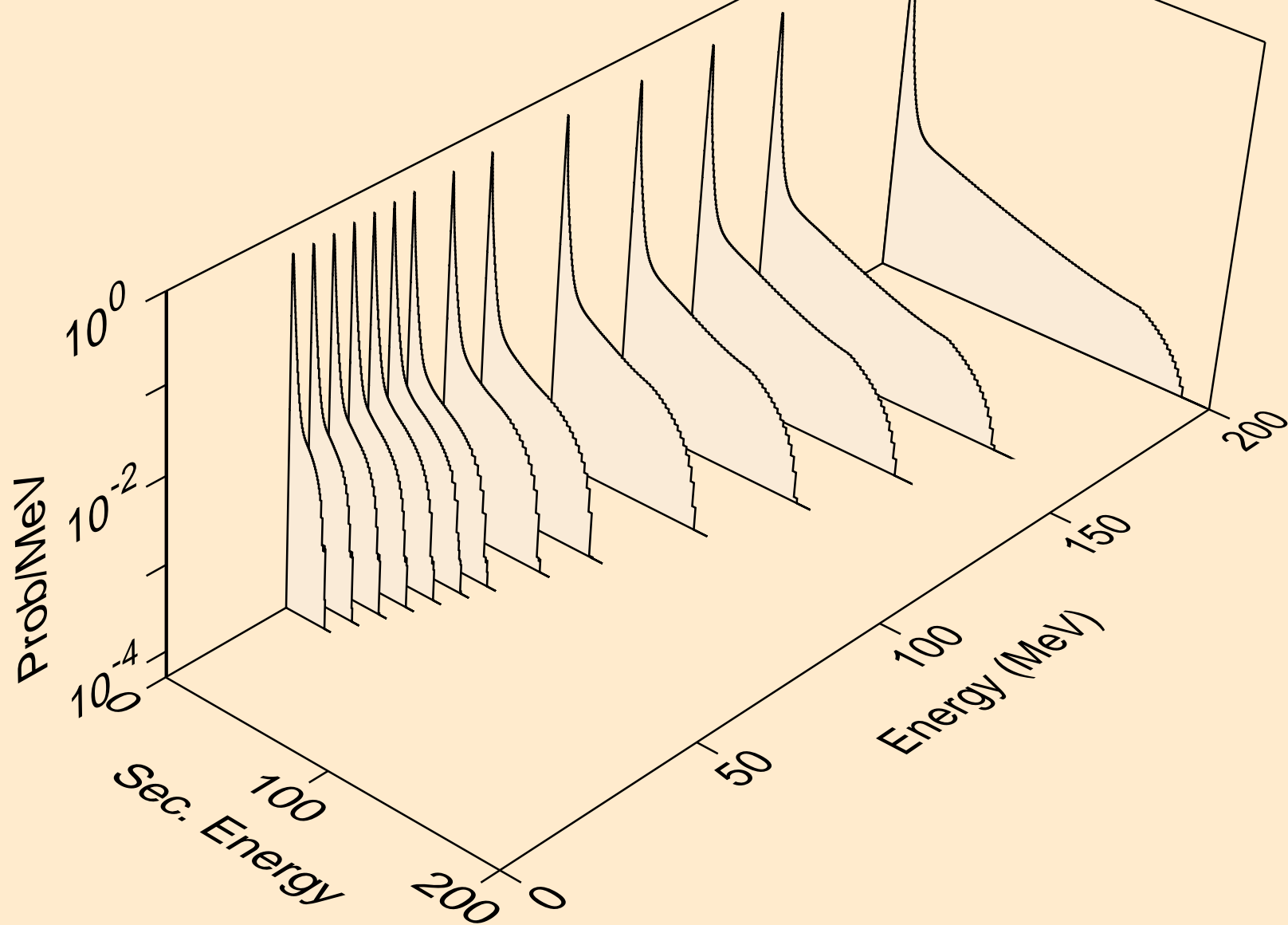
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



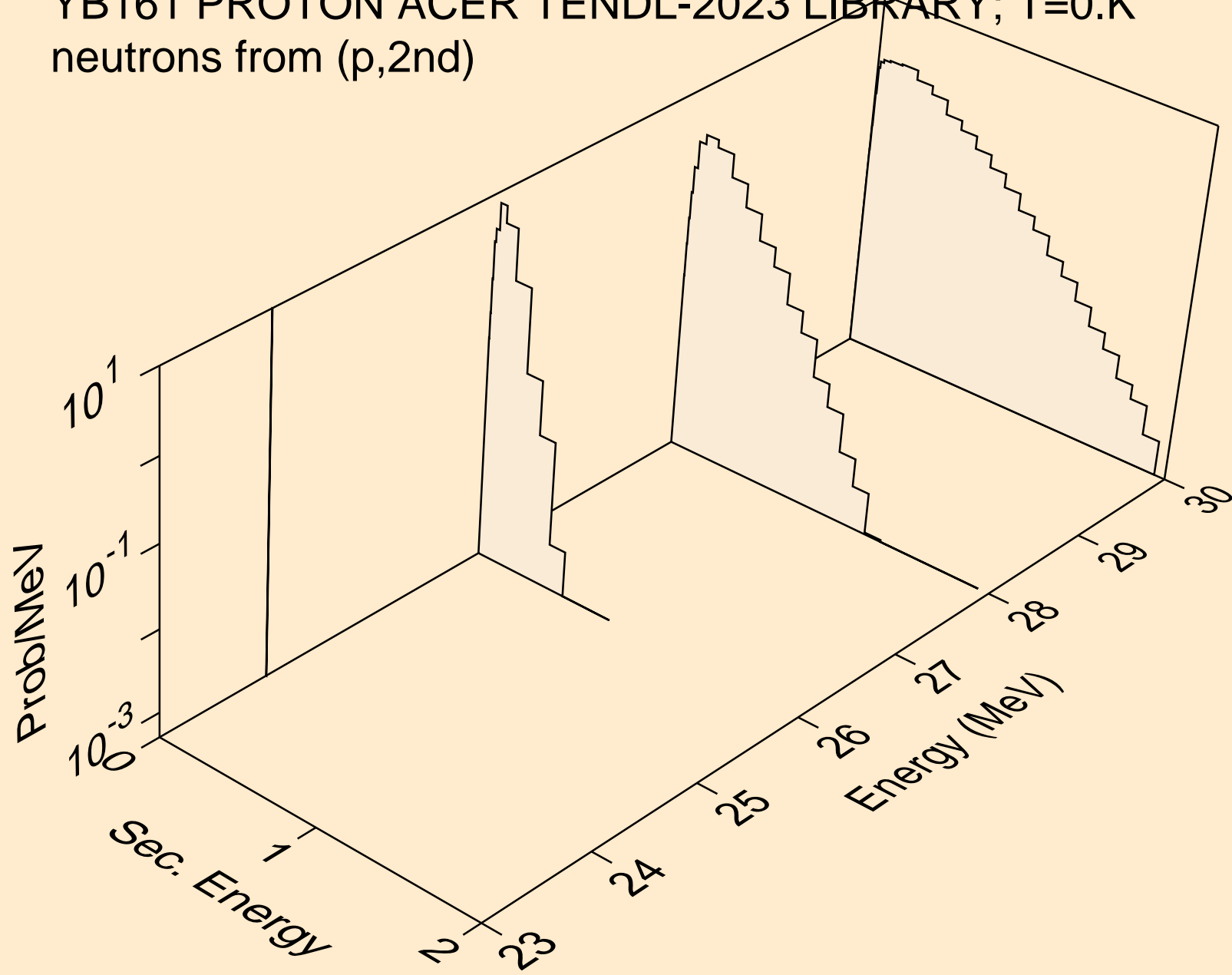
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

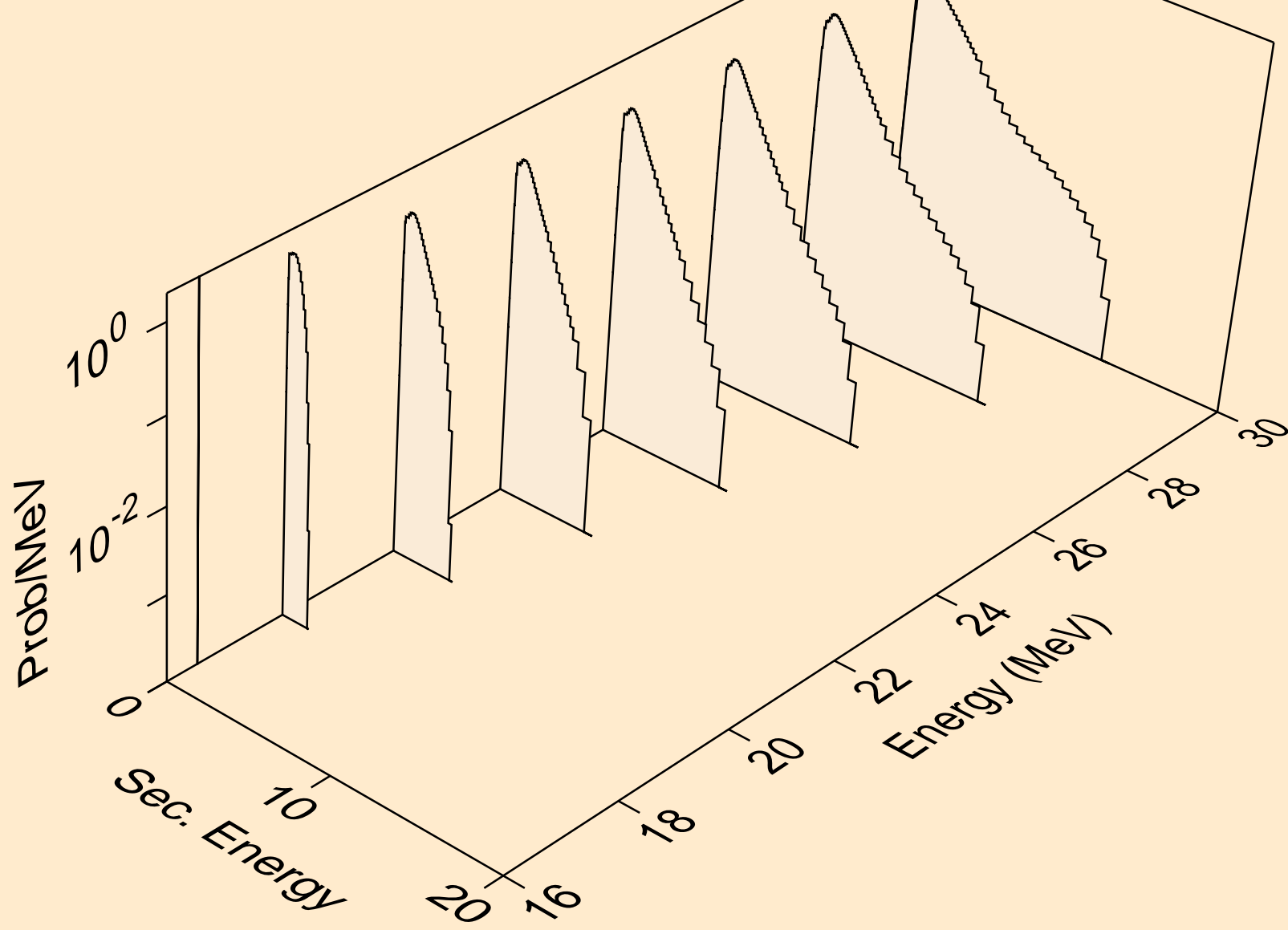


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

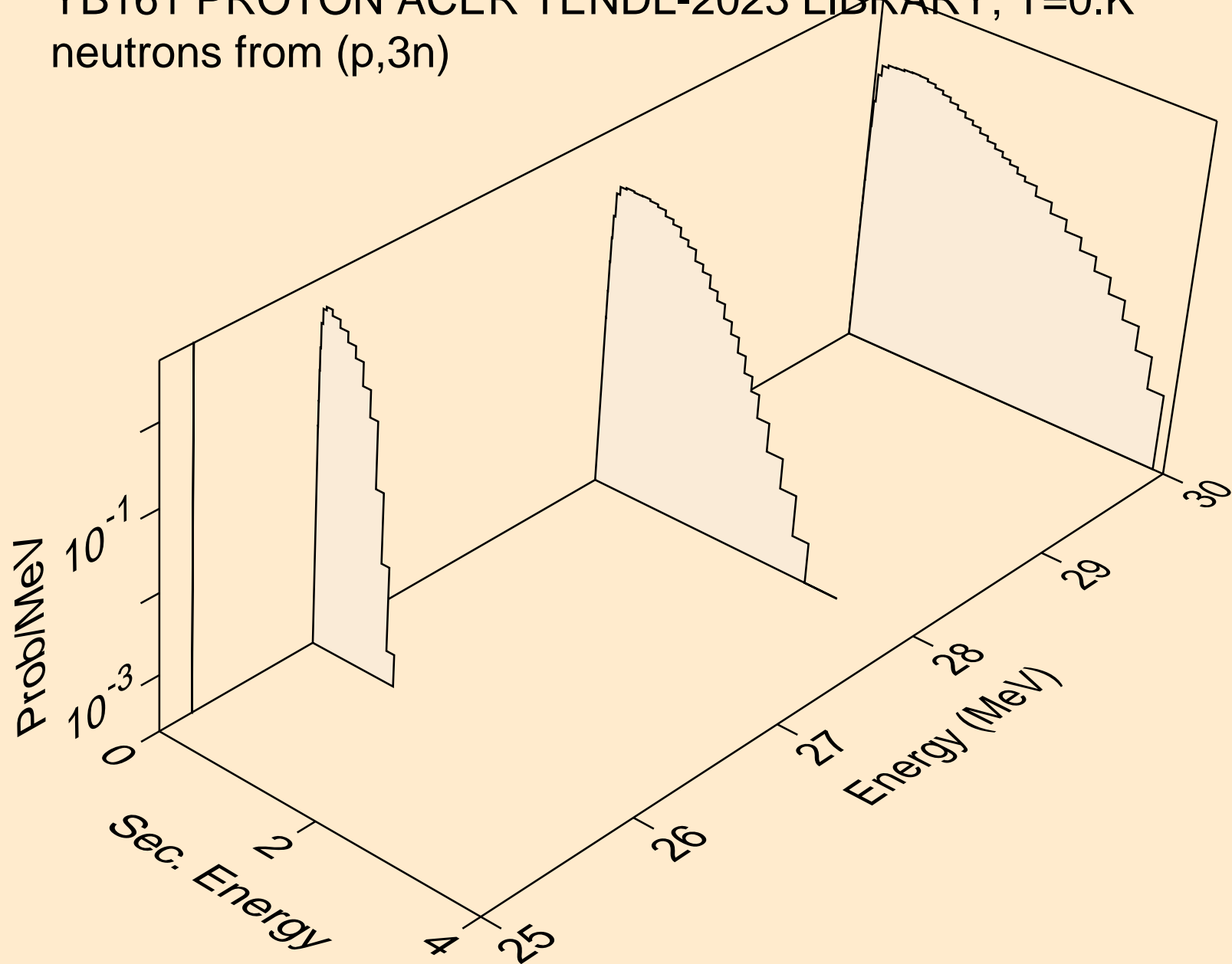




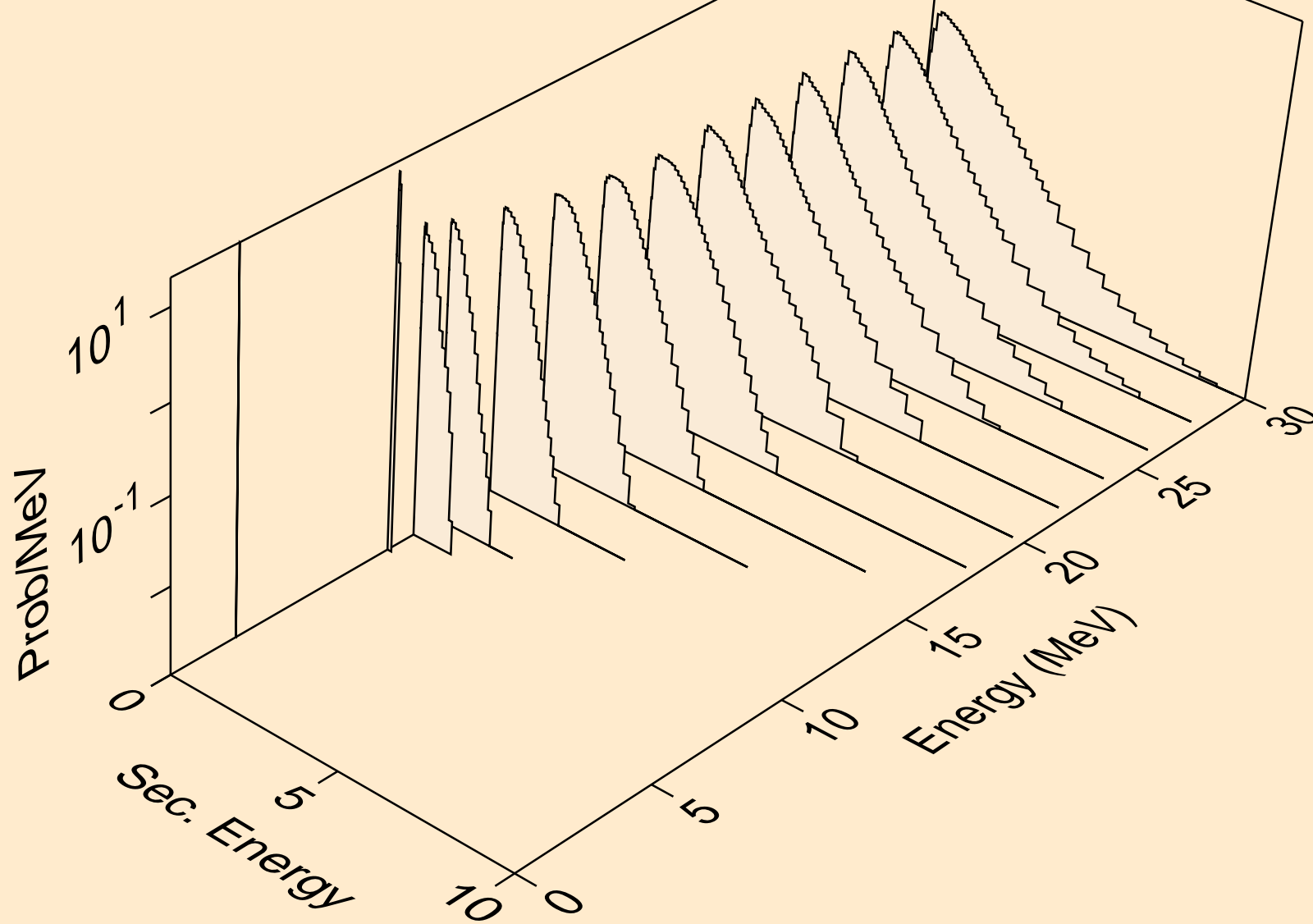
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neutrons from (p,2n)



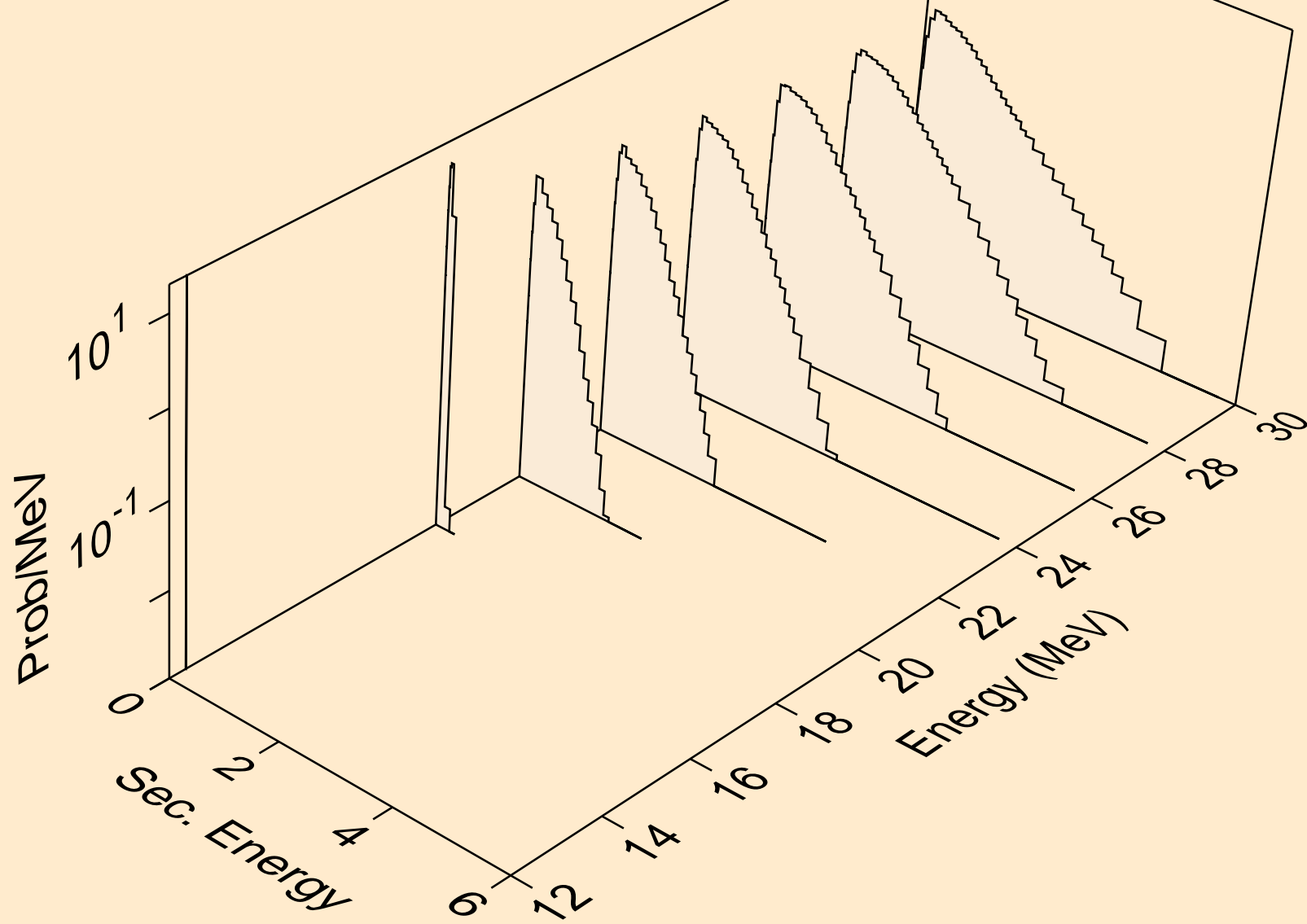
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



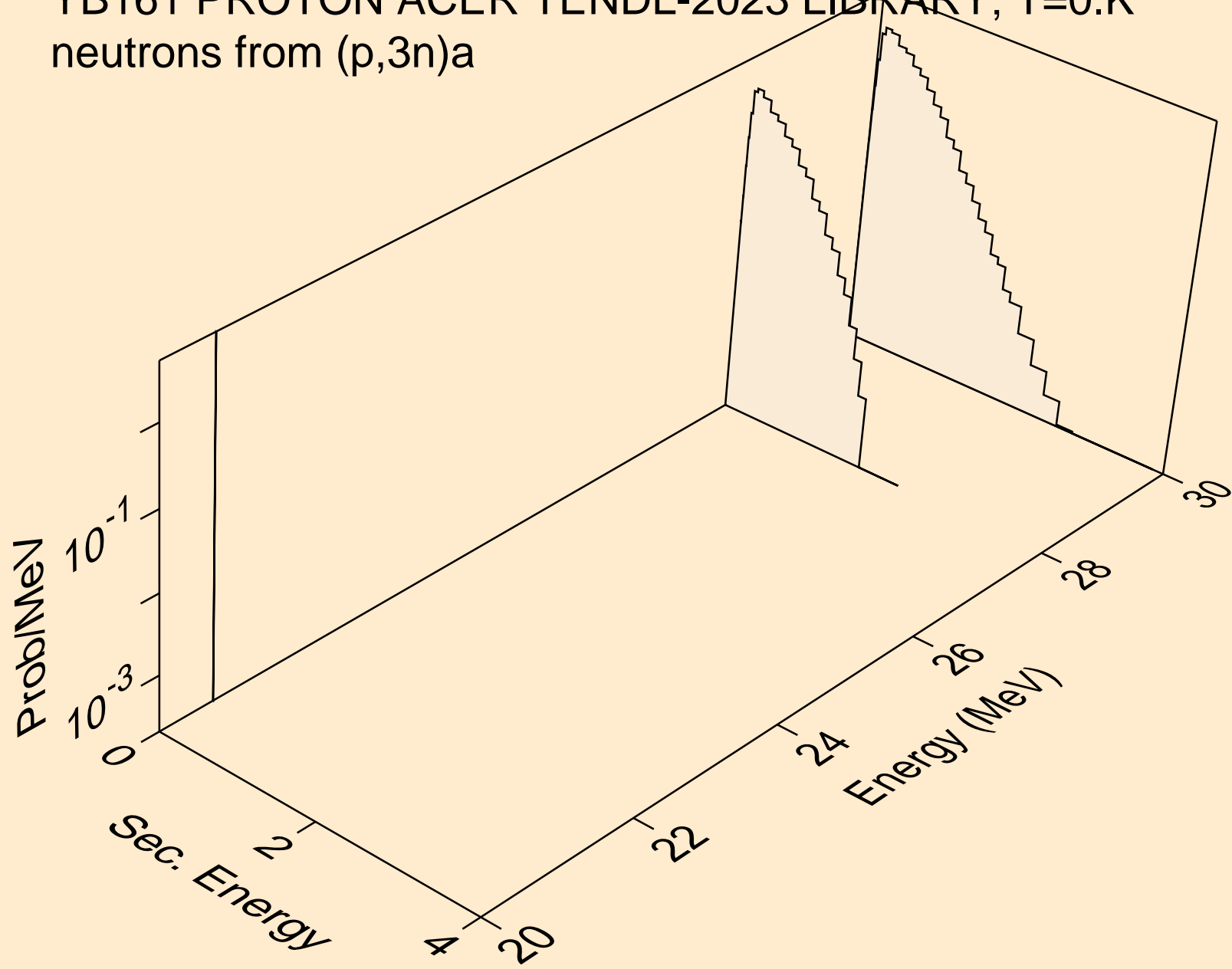
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



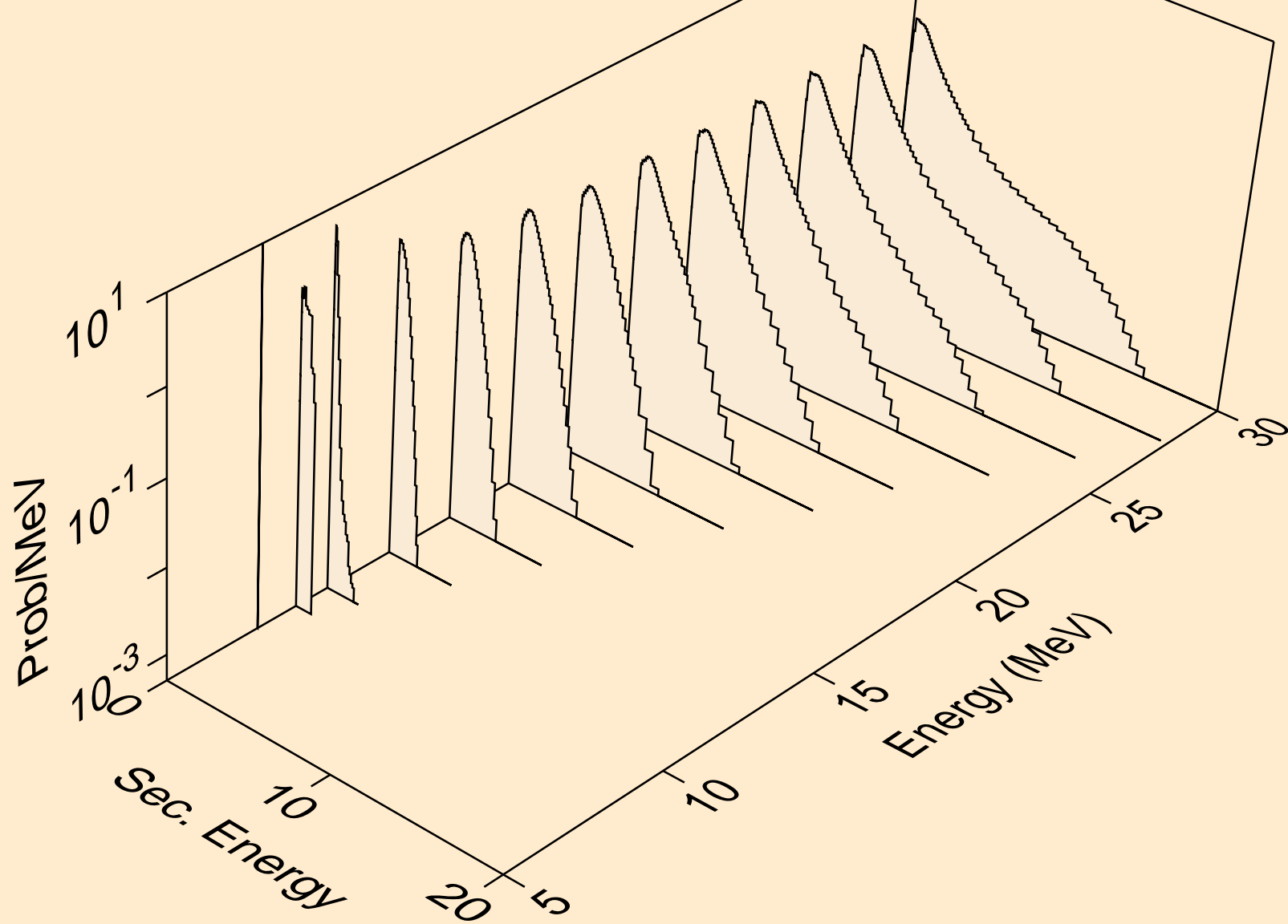
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



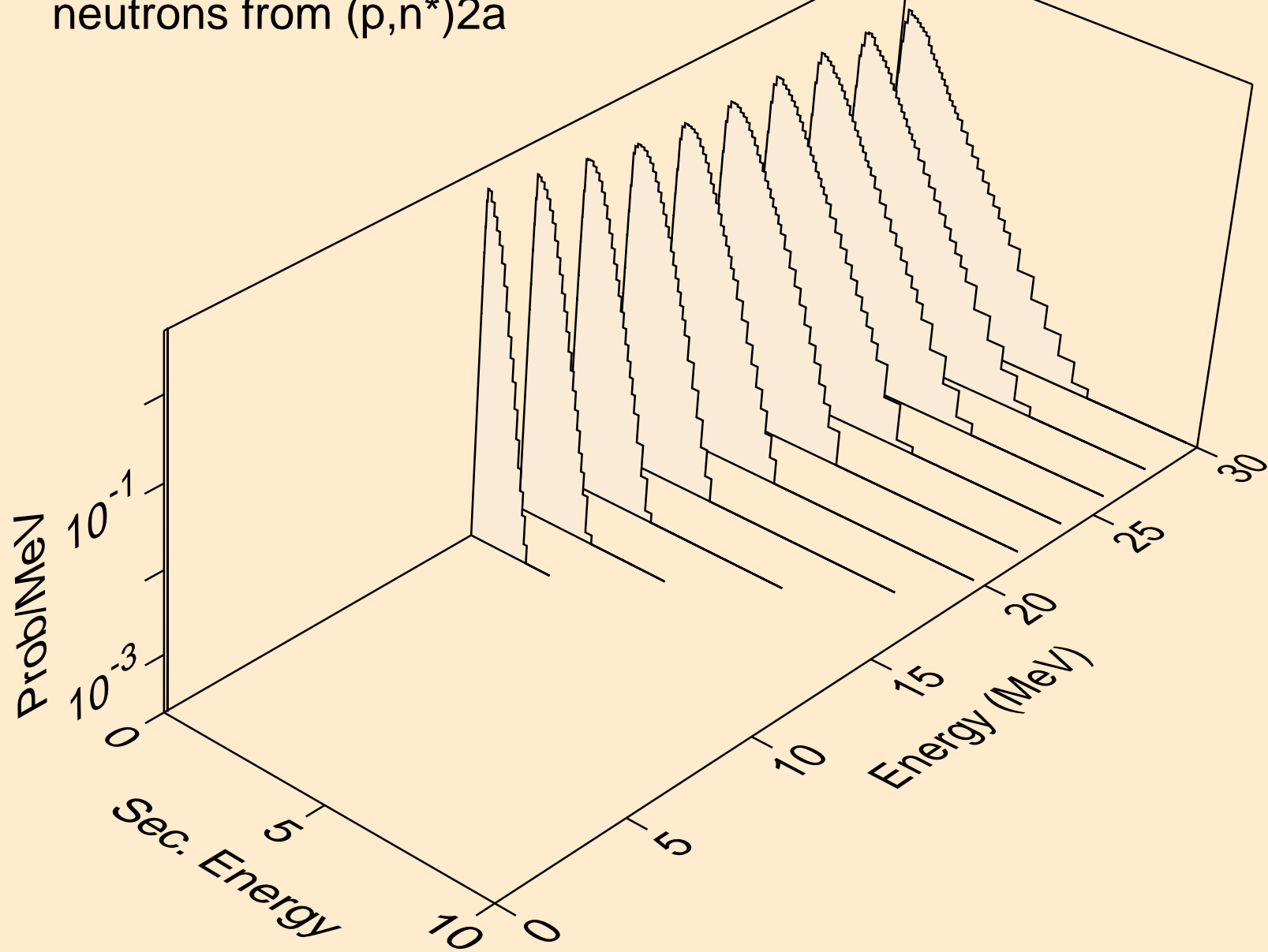
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



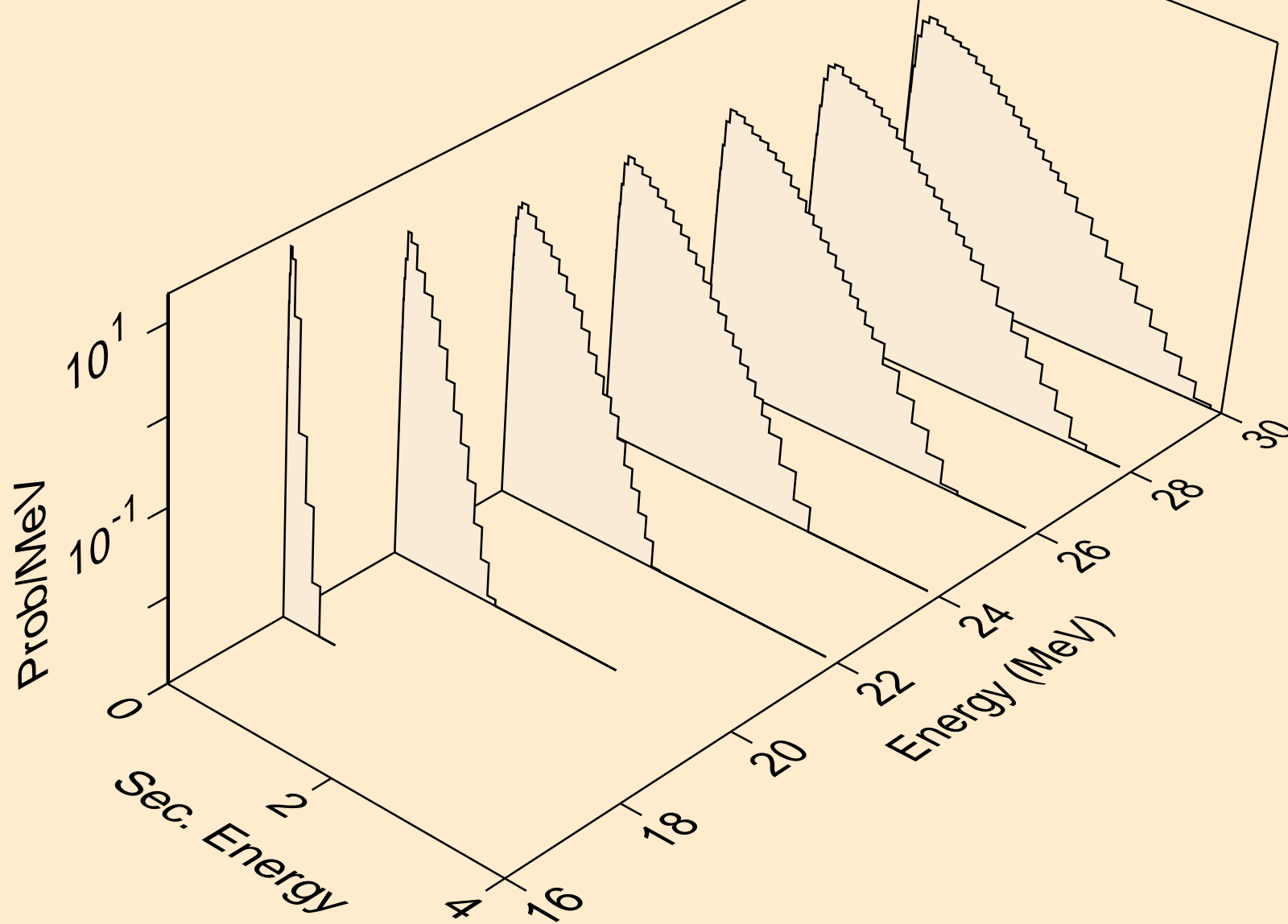
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

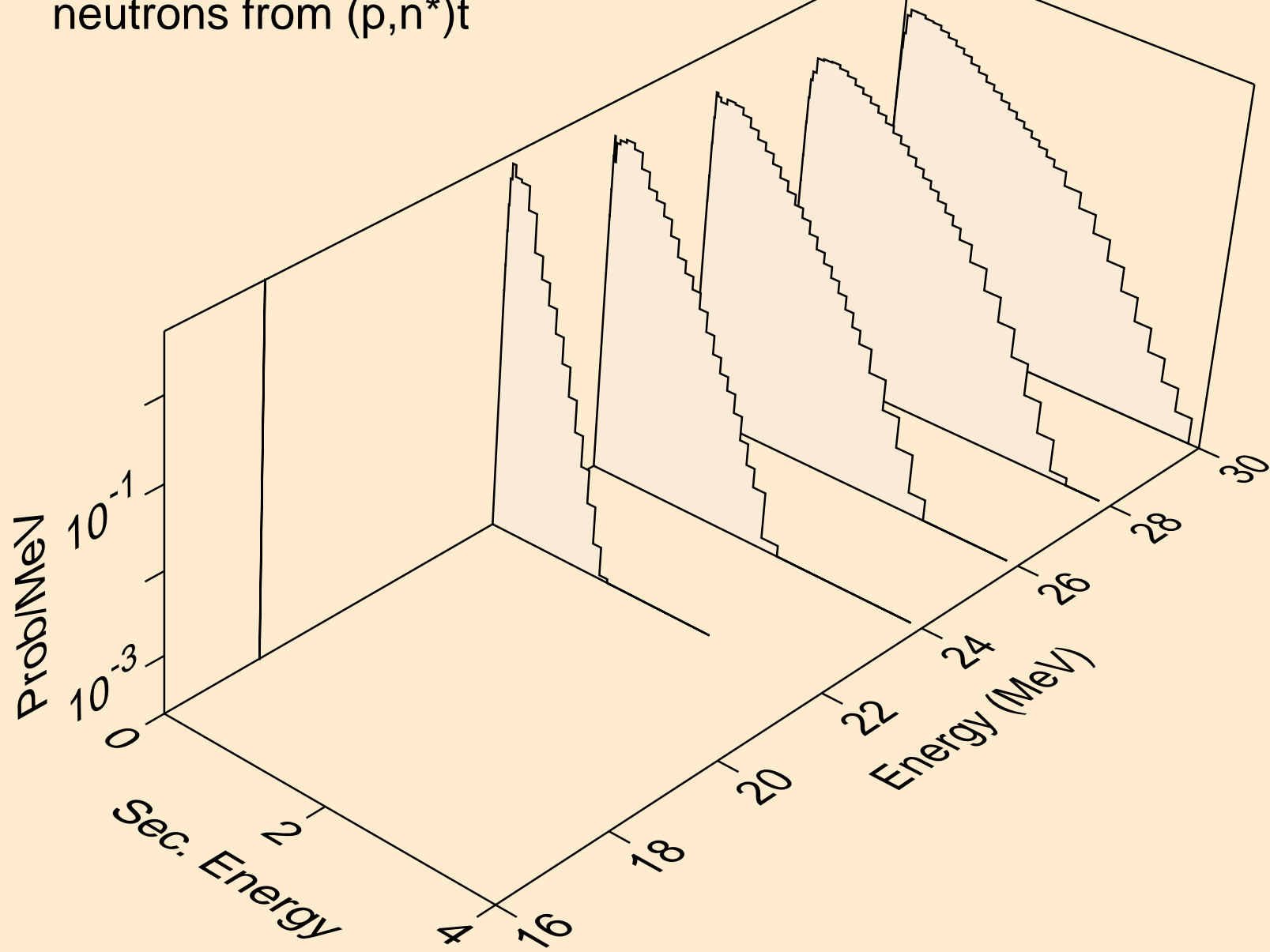


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

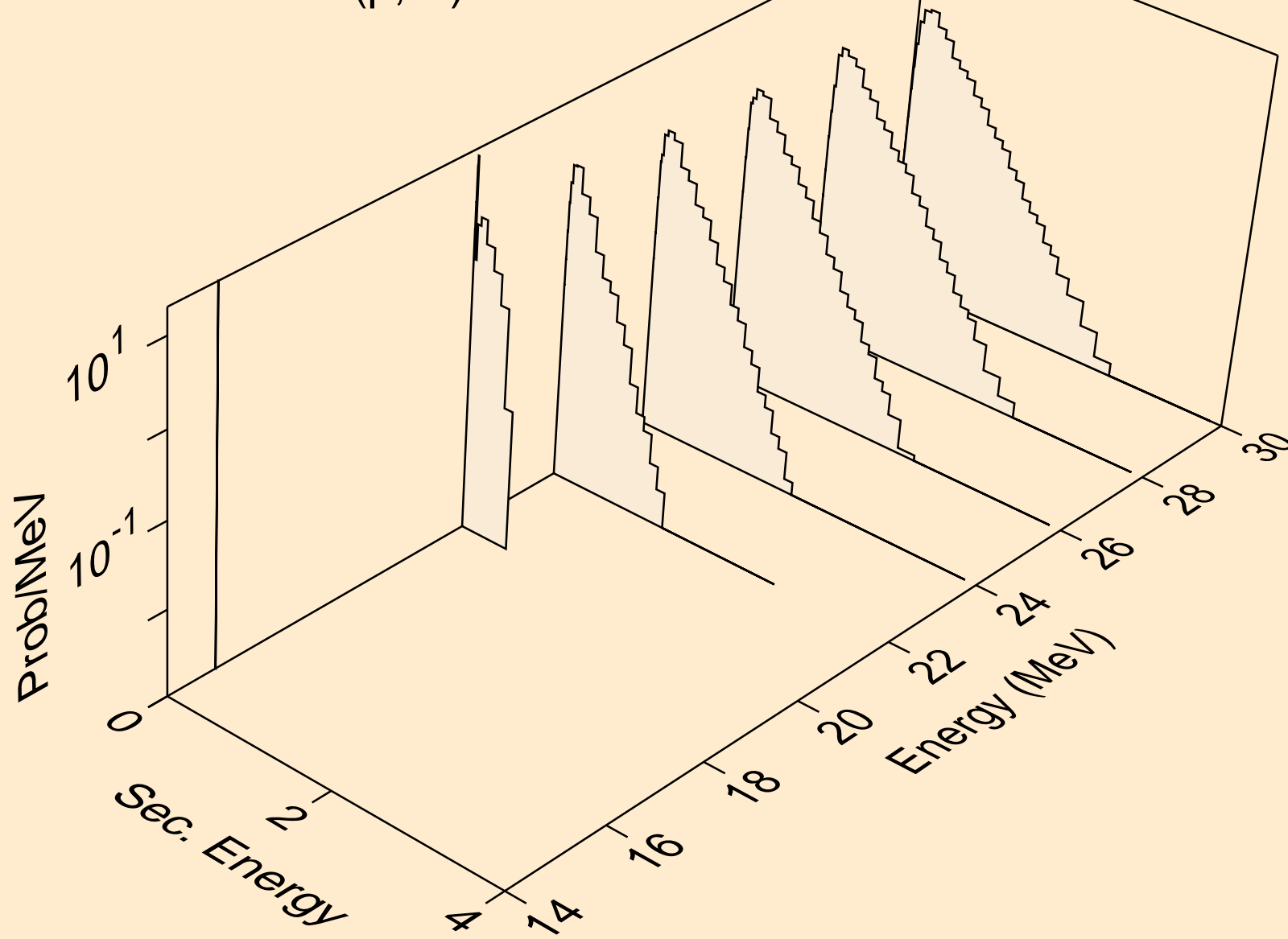




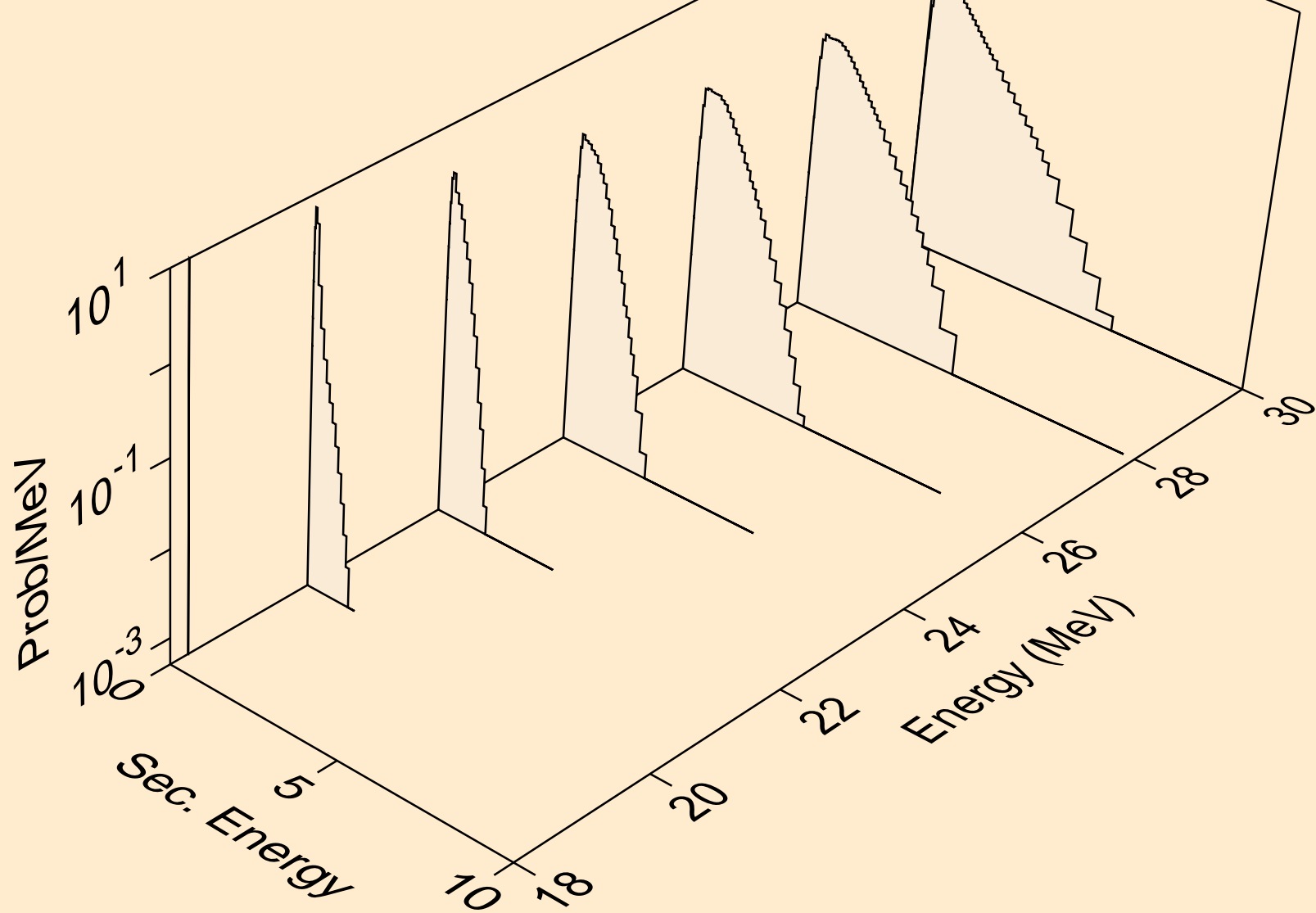
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neutrons from (p,n\*)t



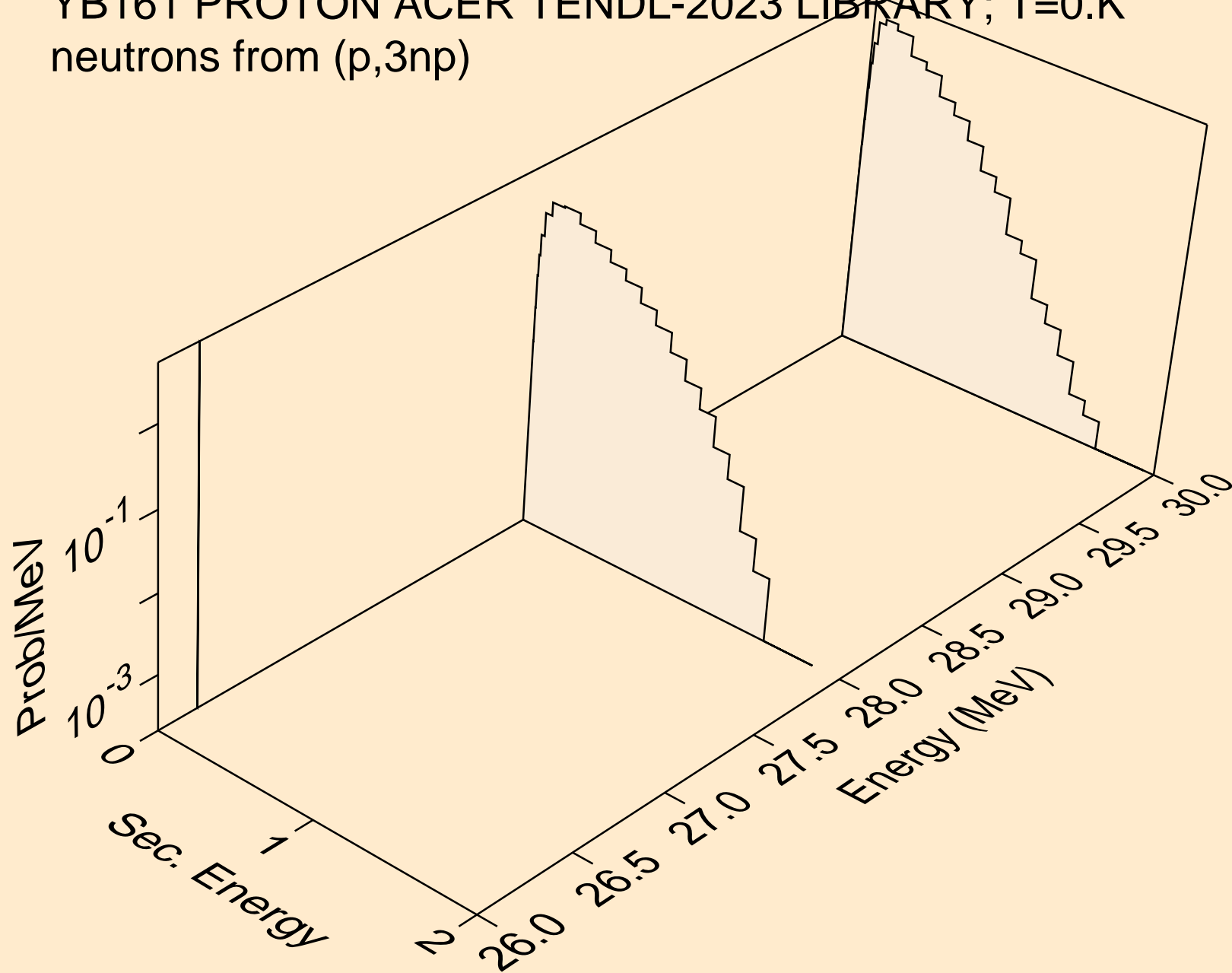
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



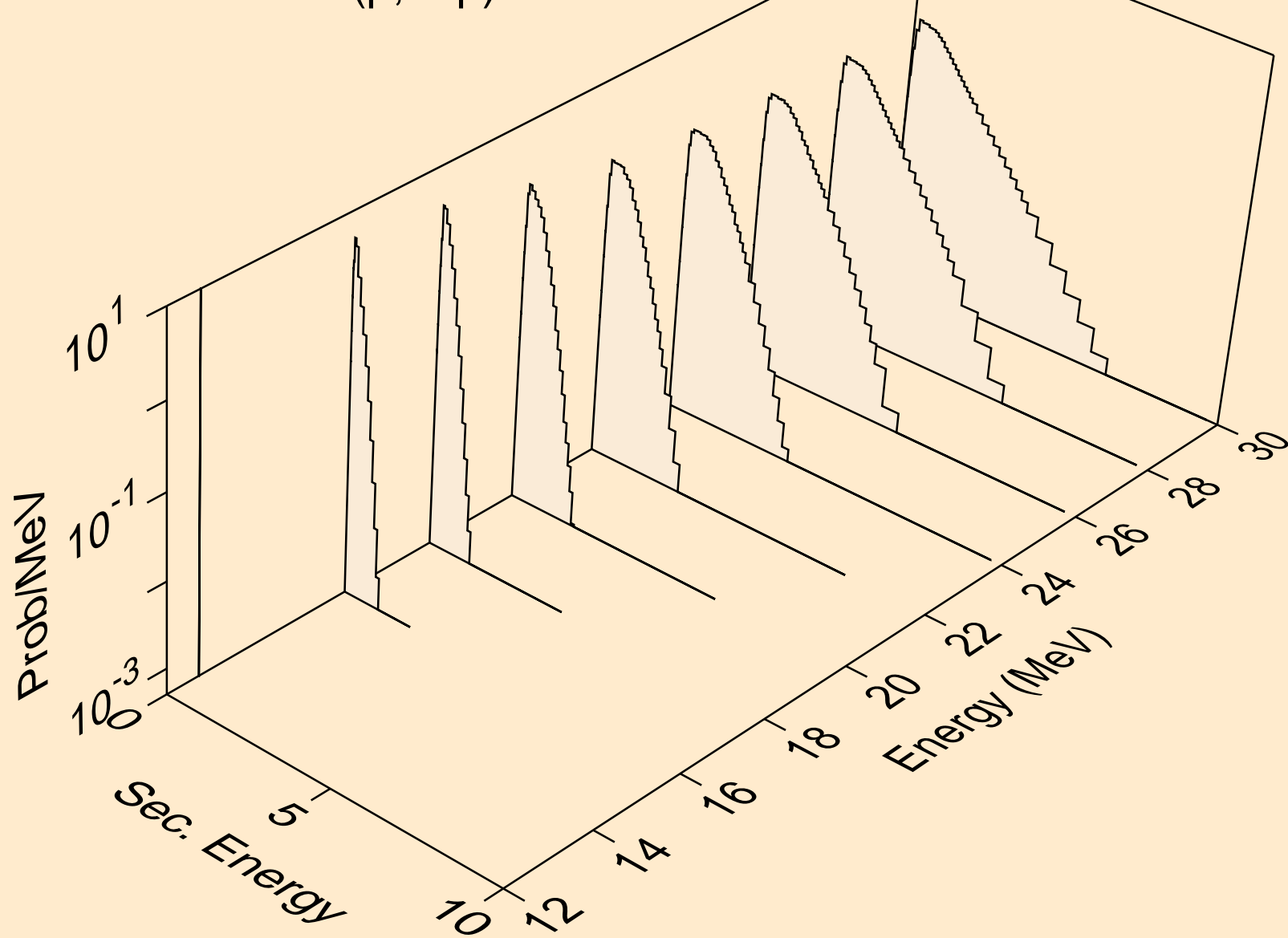
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neutrons from (p,2np)



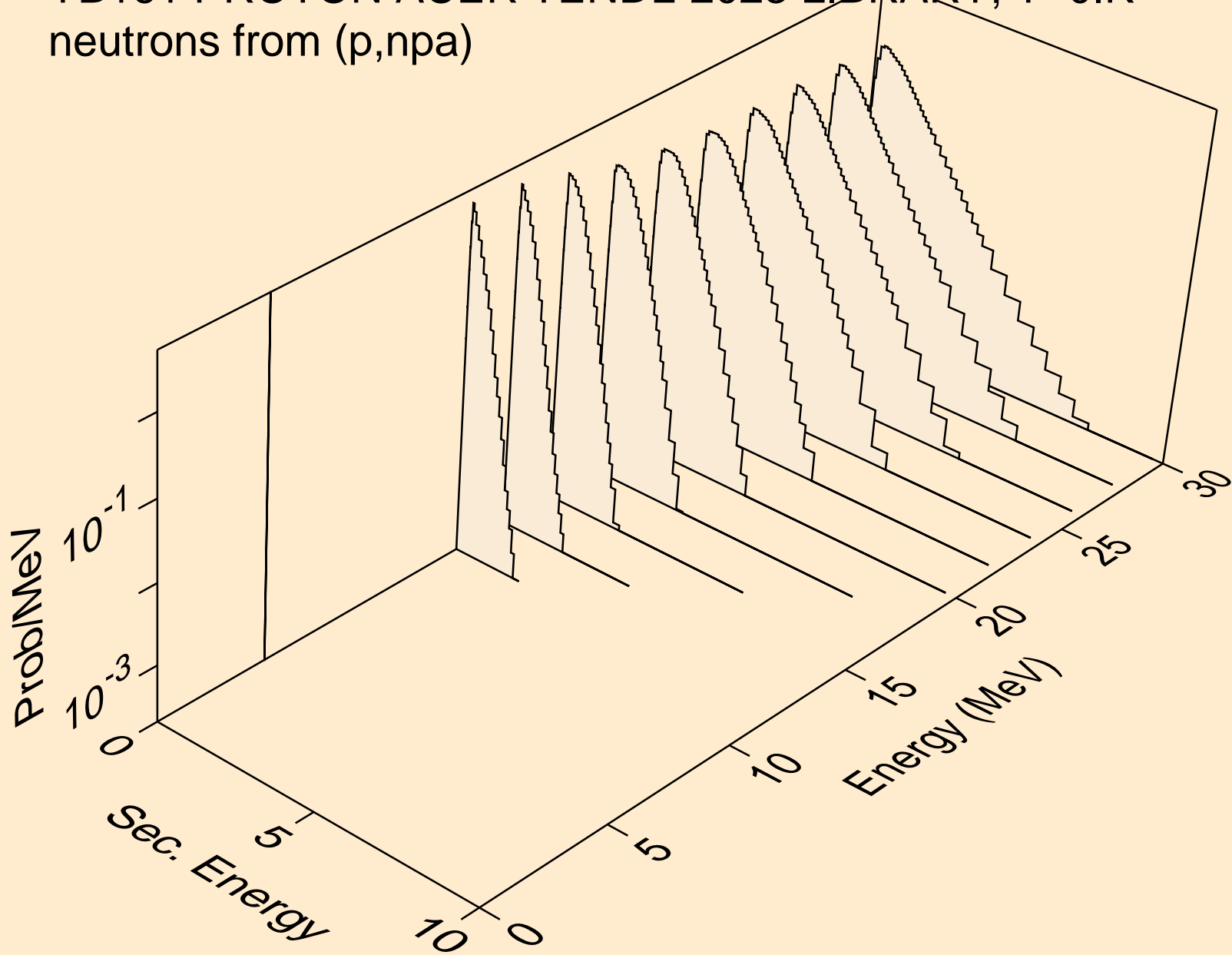
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



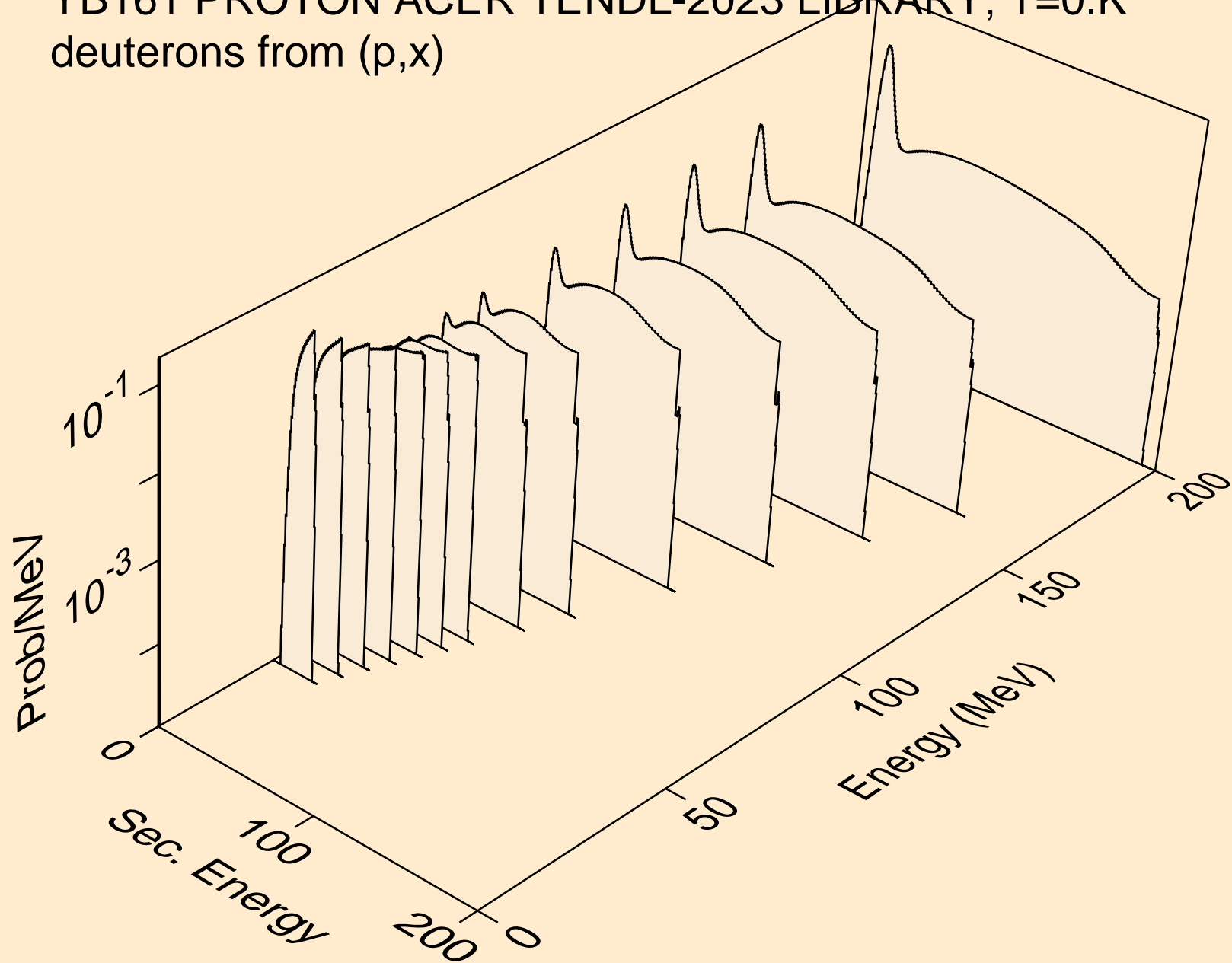
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



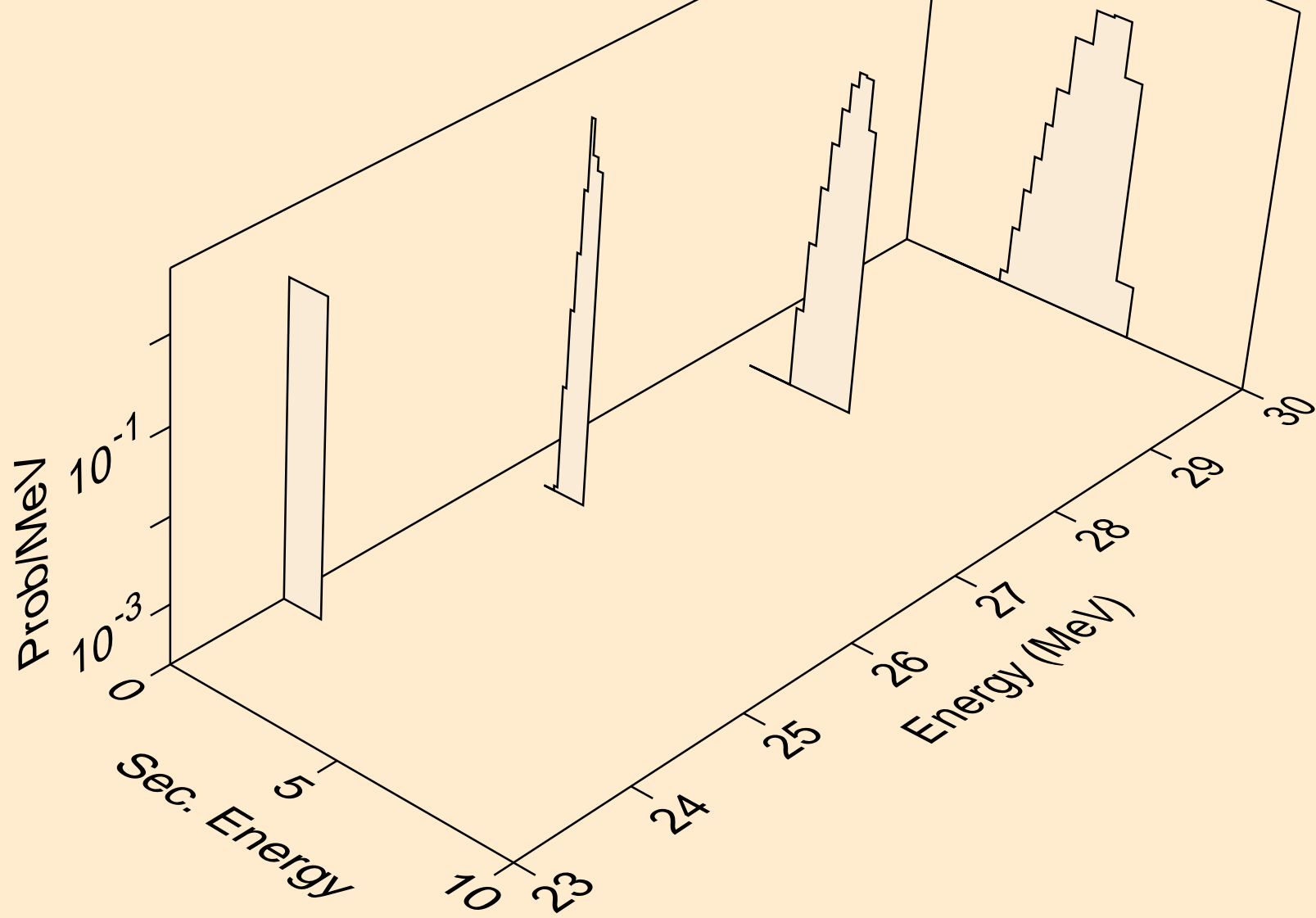
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

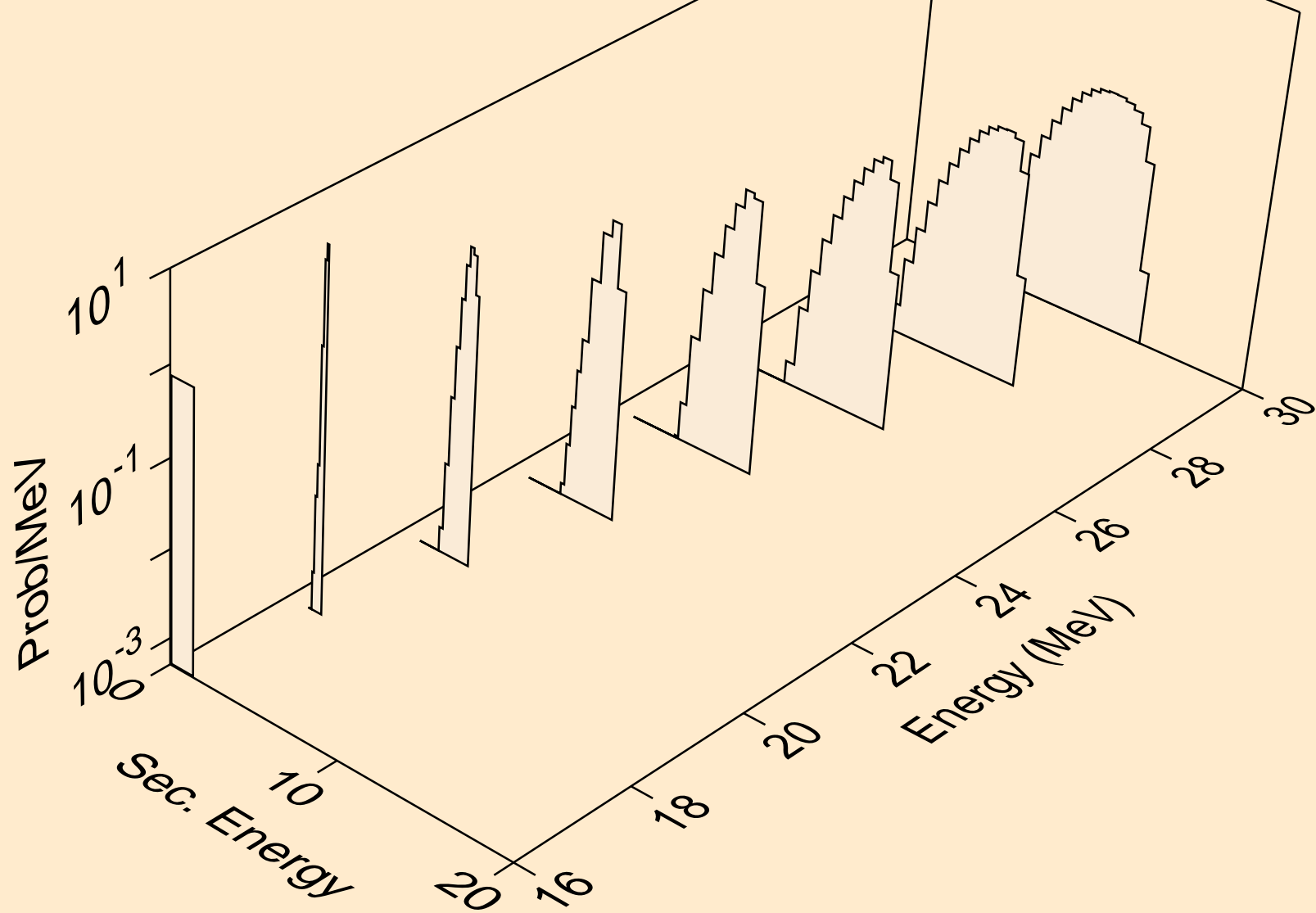


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deuterons from (p,2nd)

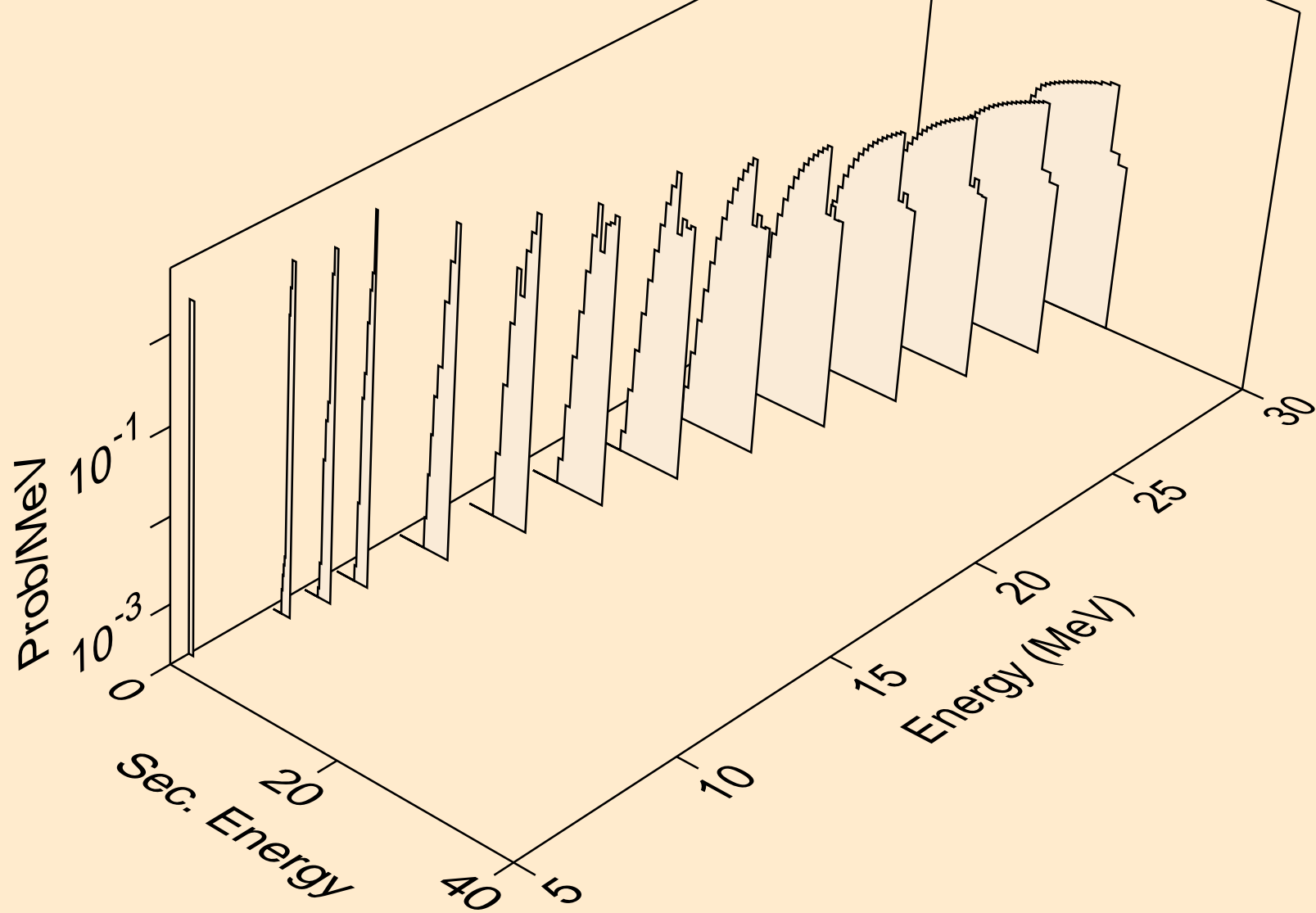




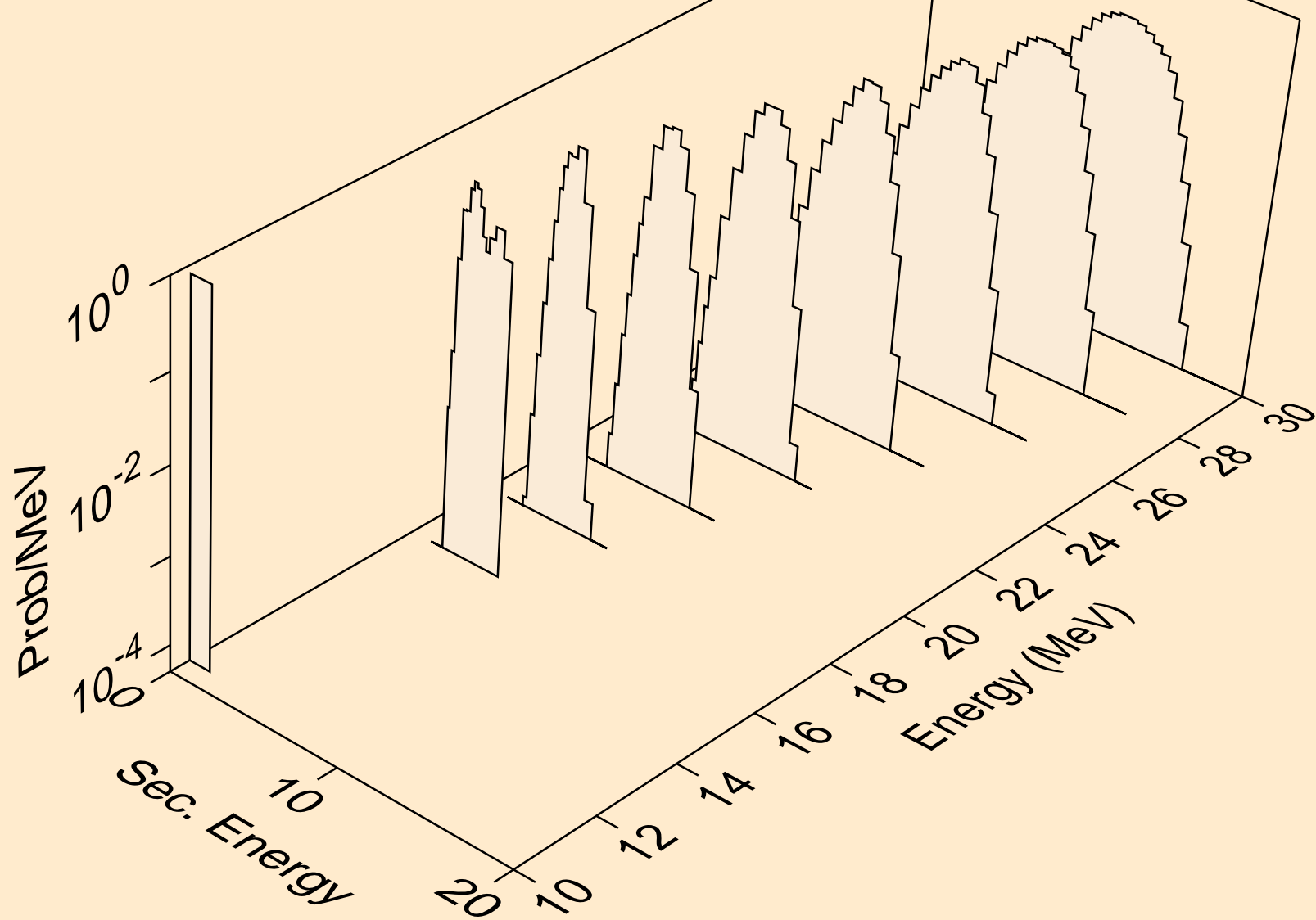
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deuterons from (p,n\*)d



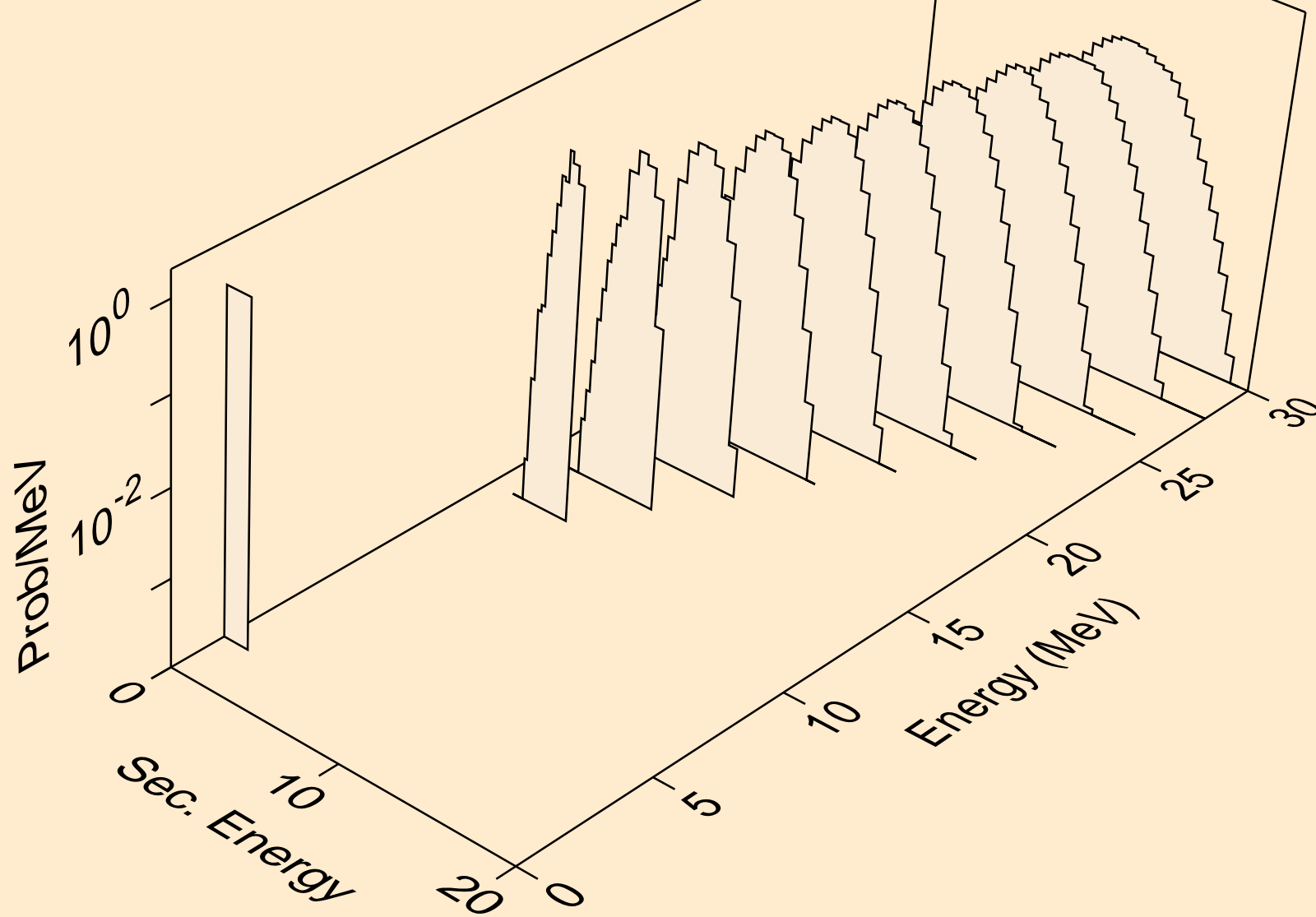
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deuterons from (p,d)



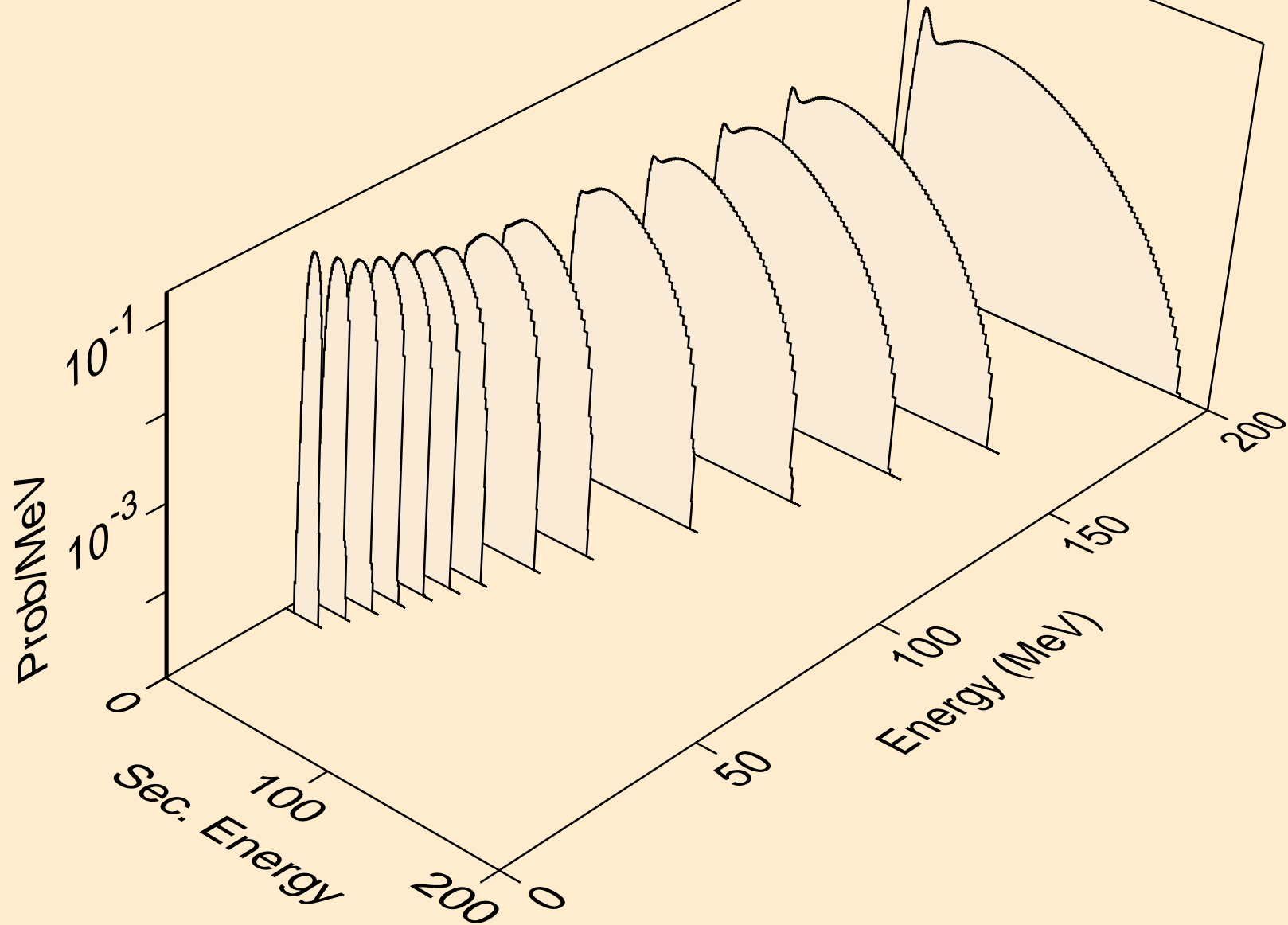
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deuterons from (p,pd)



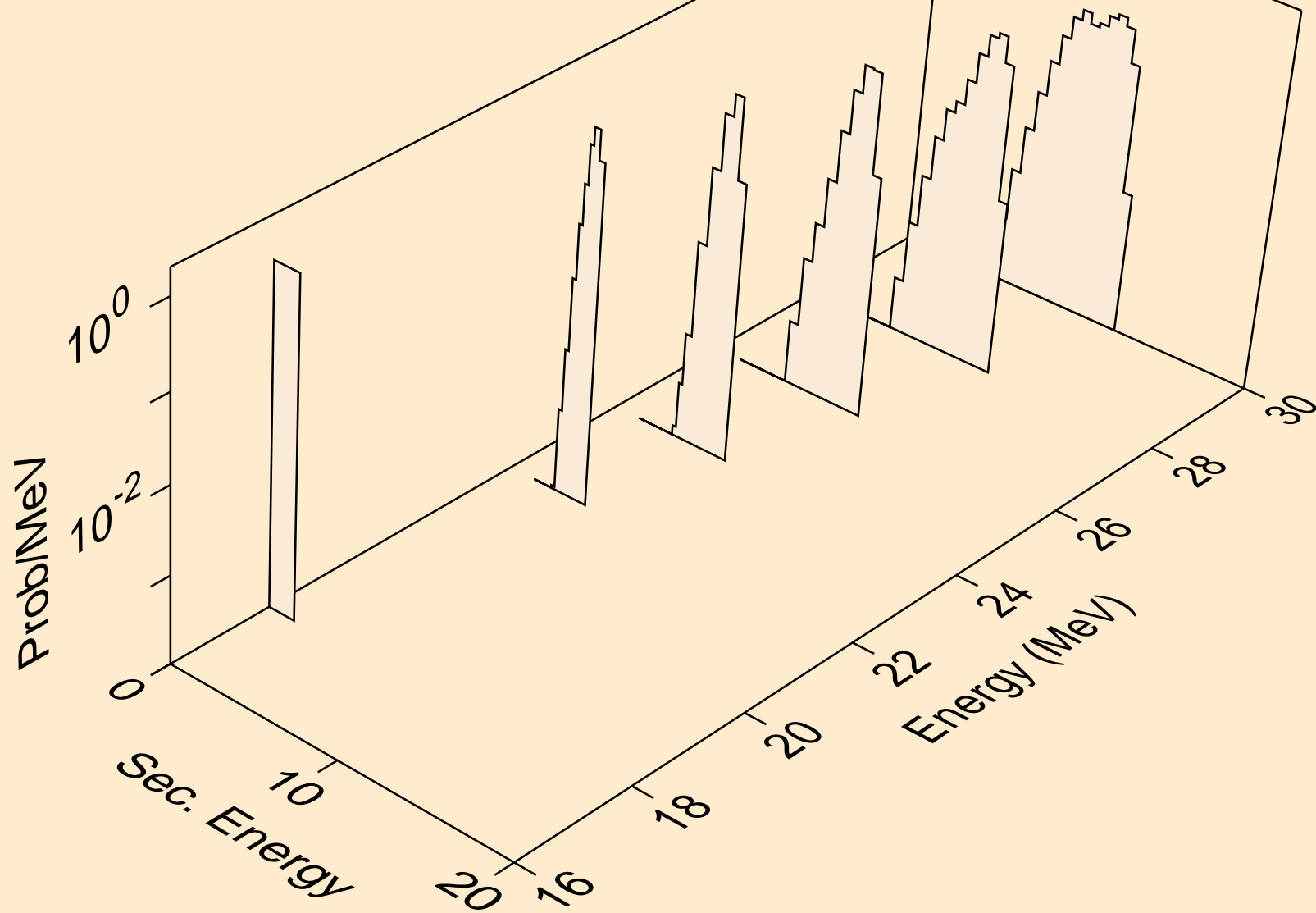
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deuterons from (p,da)



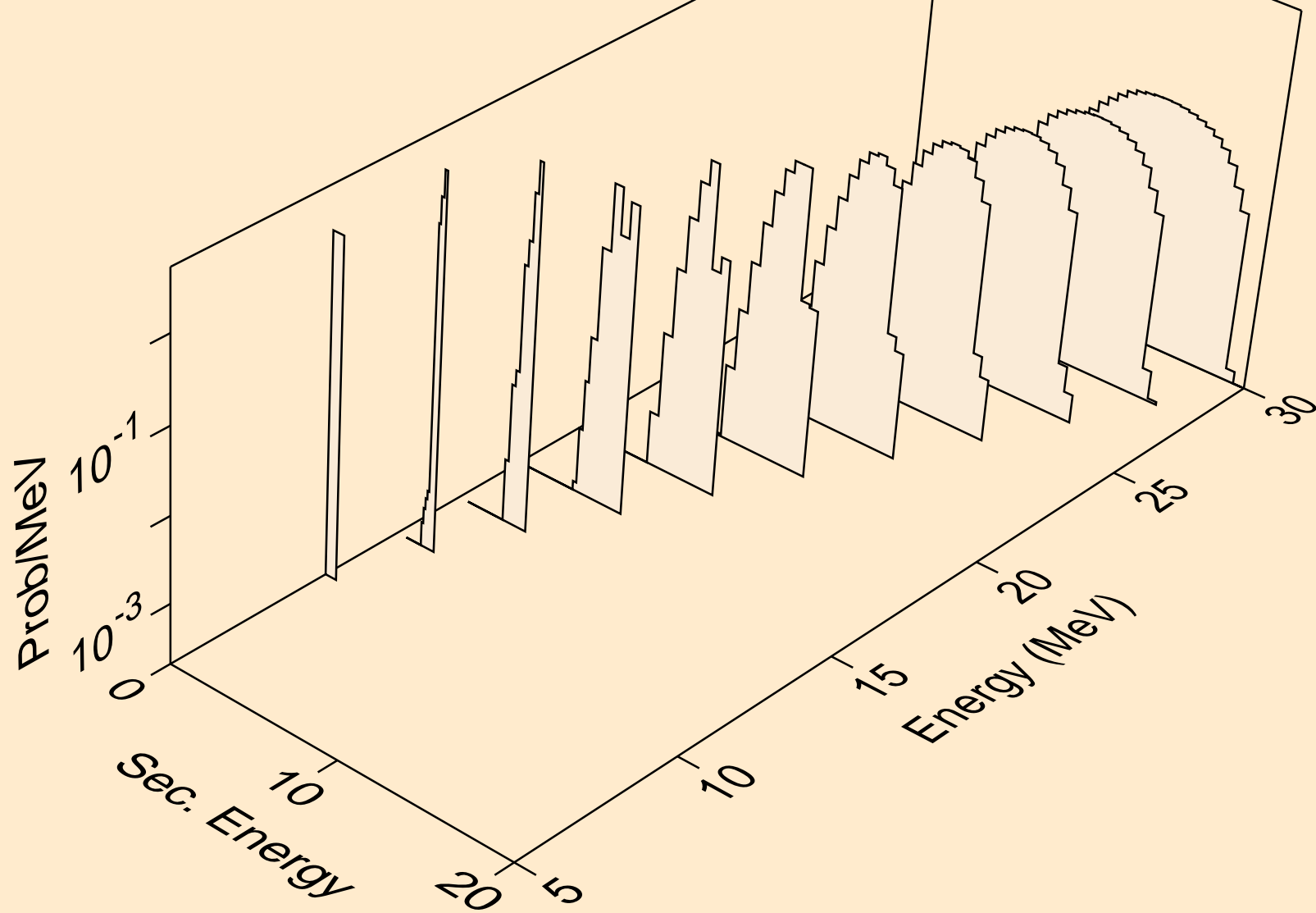
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tritons from (p,x)



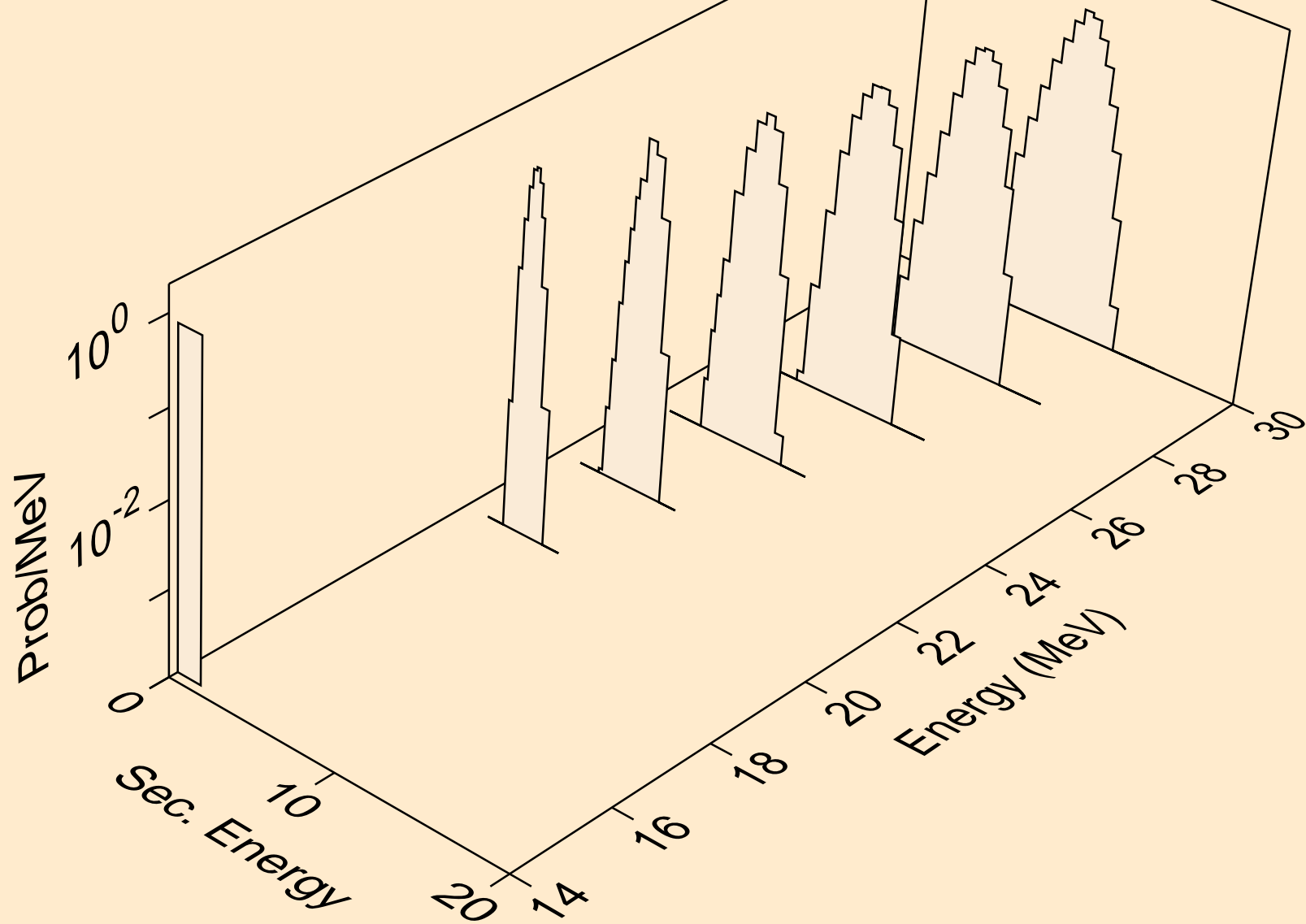
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

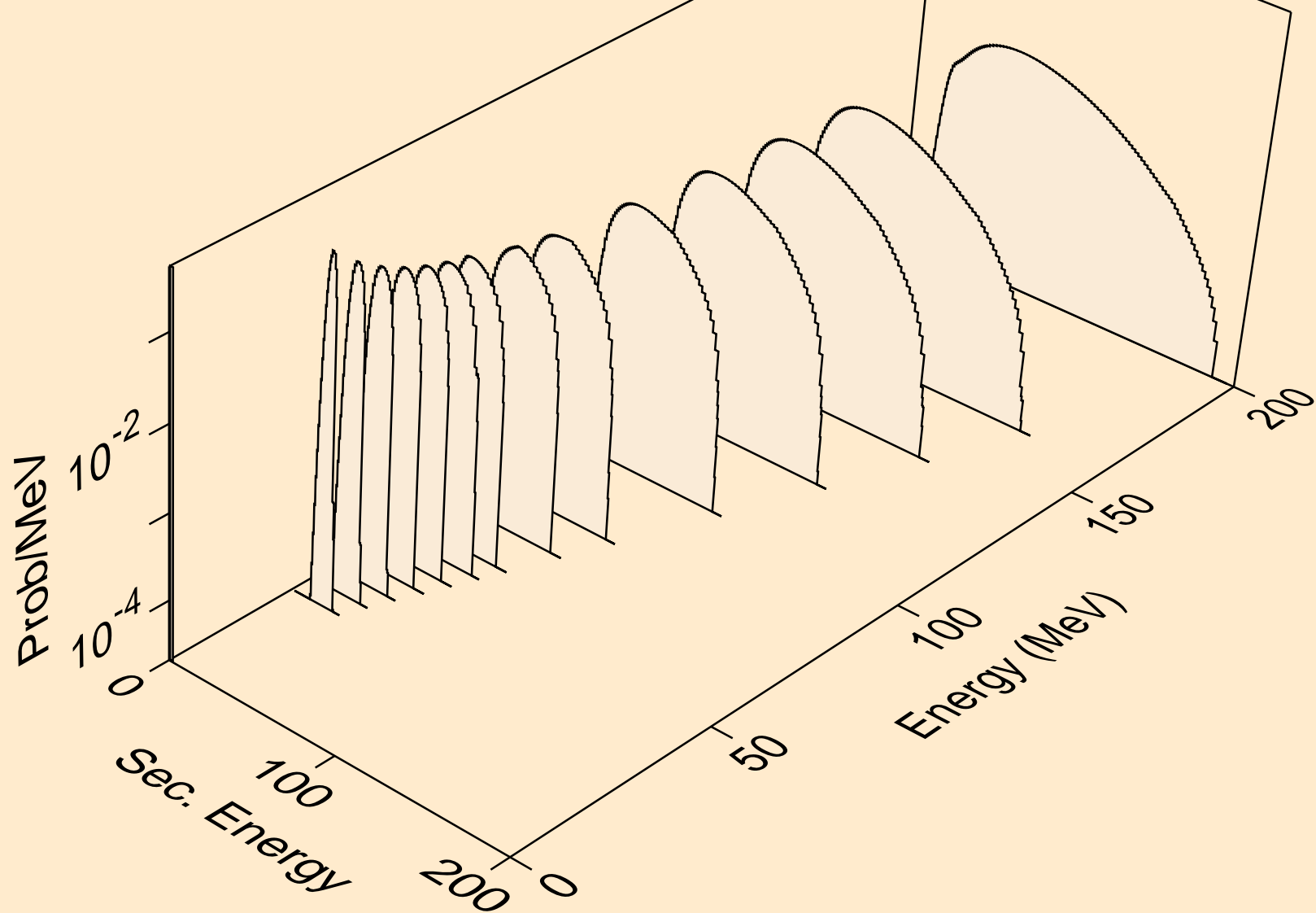


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tritons from (p,pt)

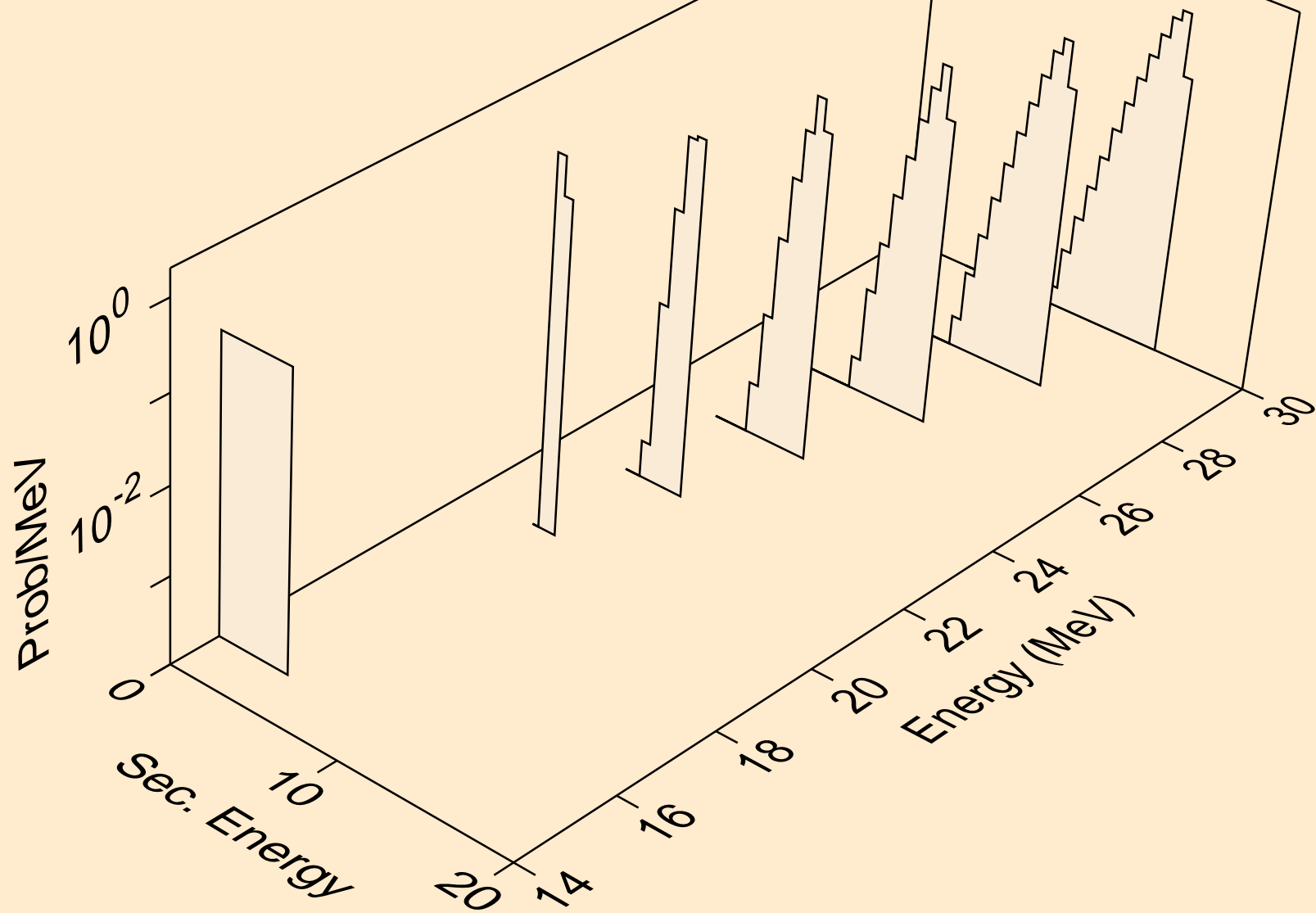




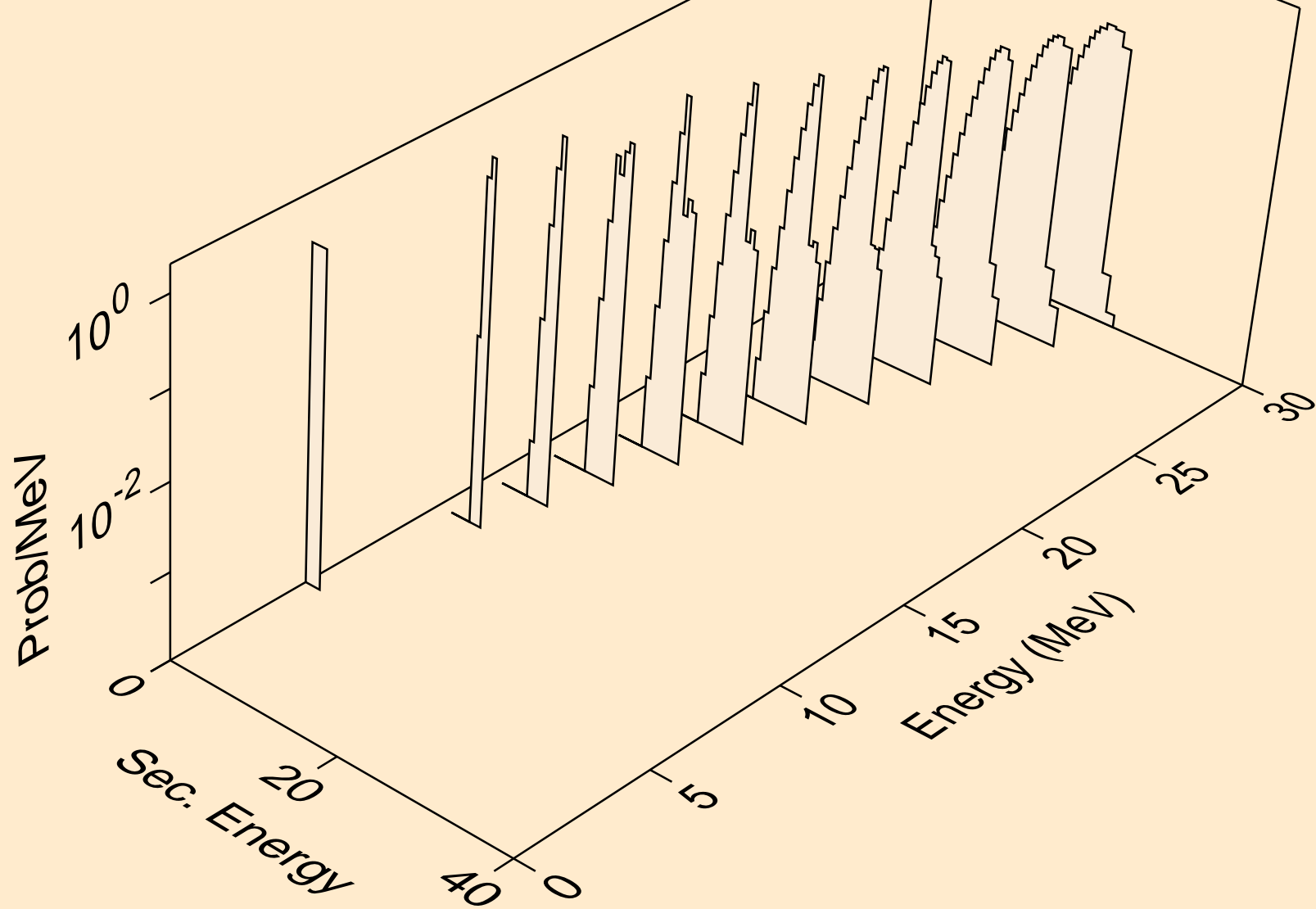
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he3s from (p,x)



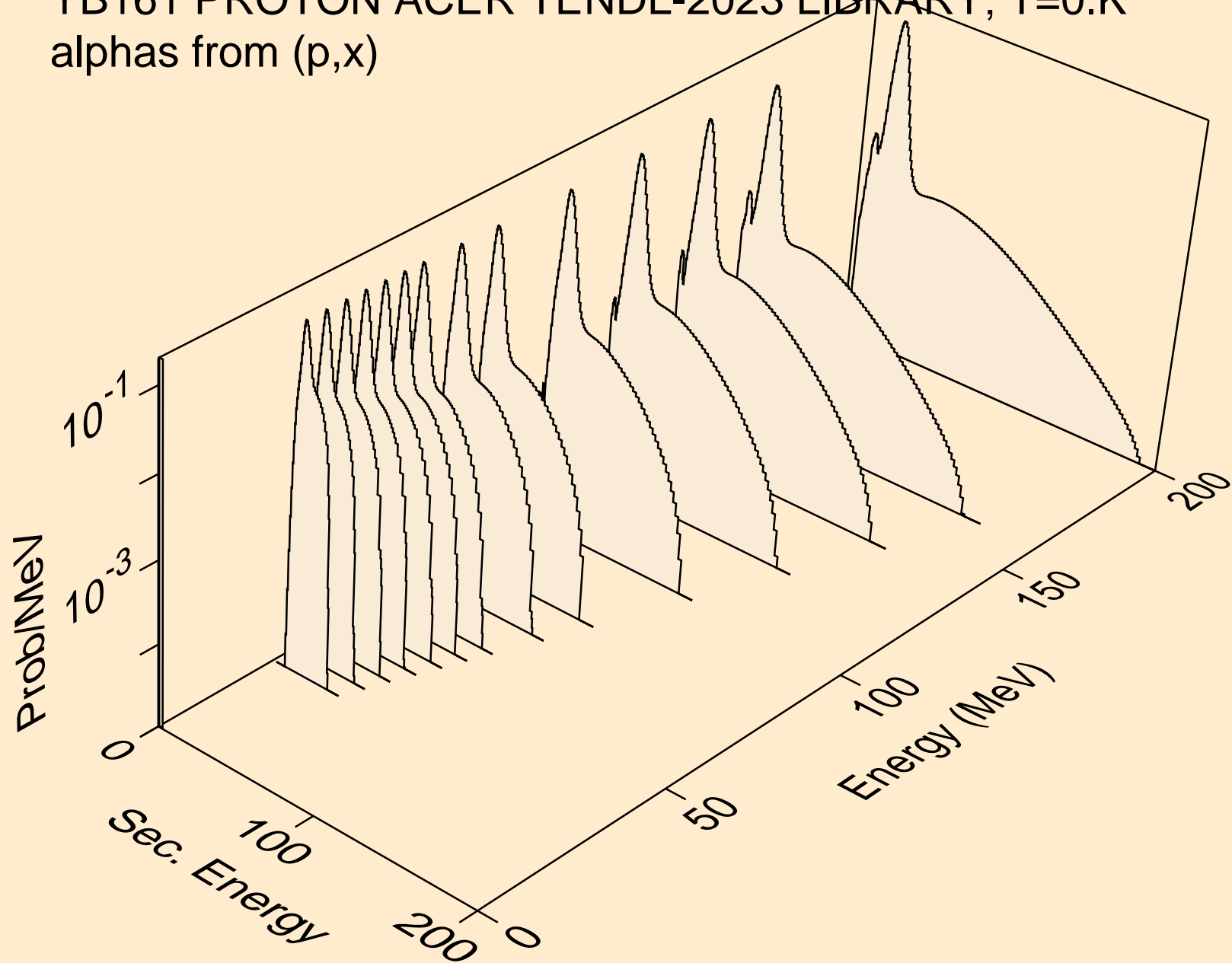
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he3s from (p,n\*)he3



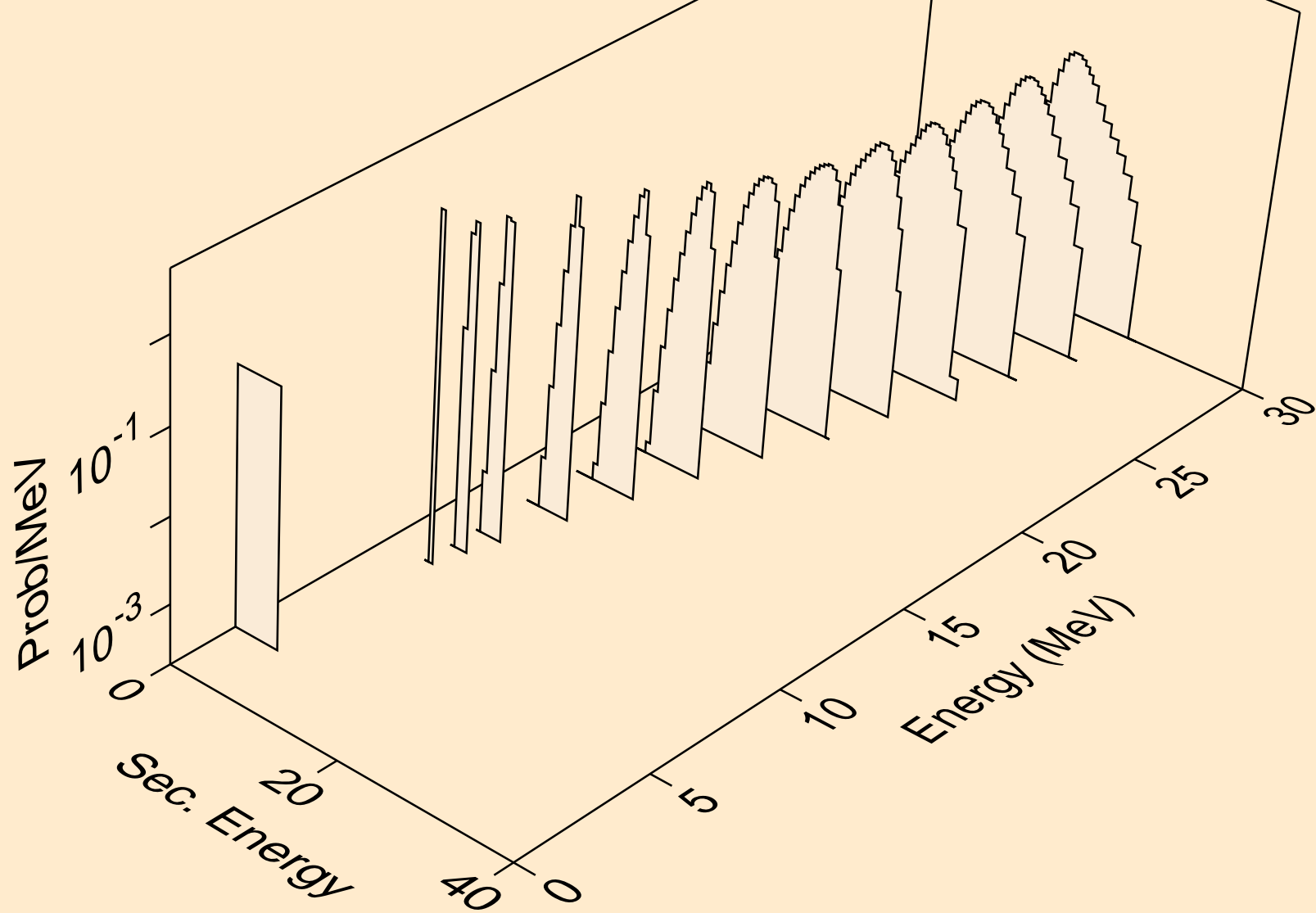
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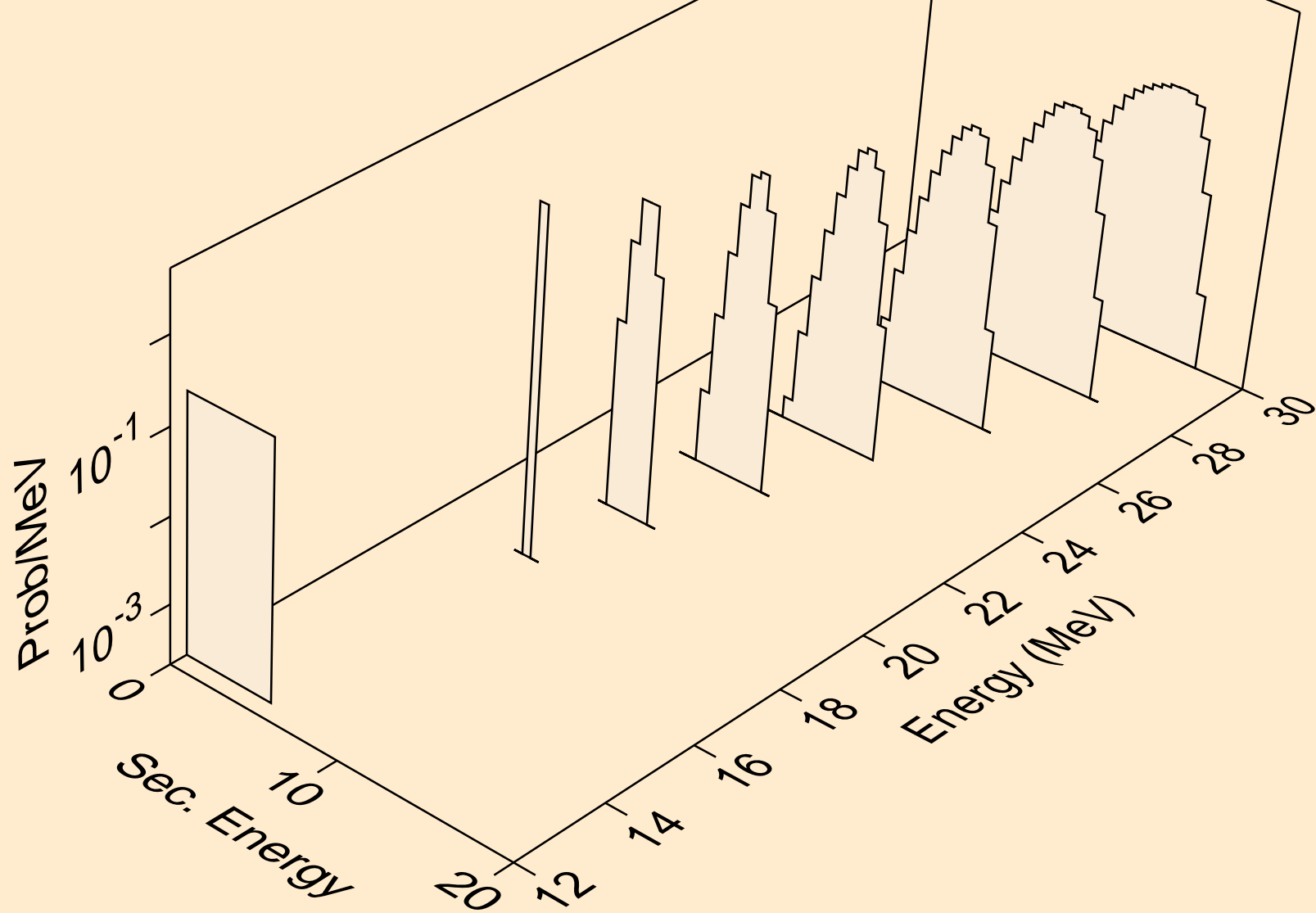
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



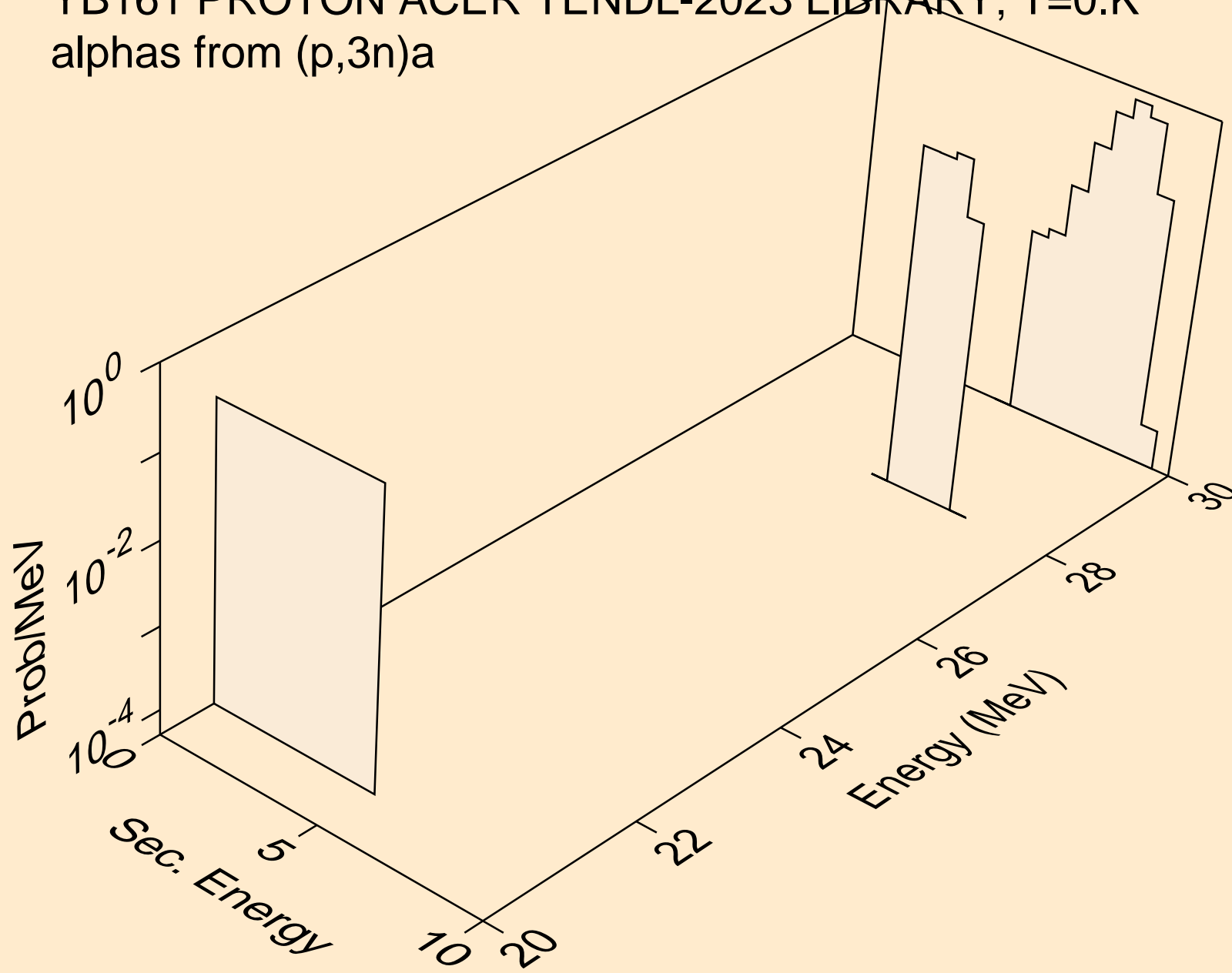
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



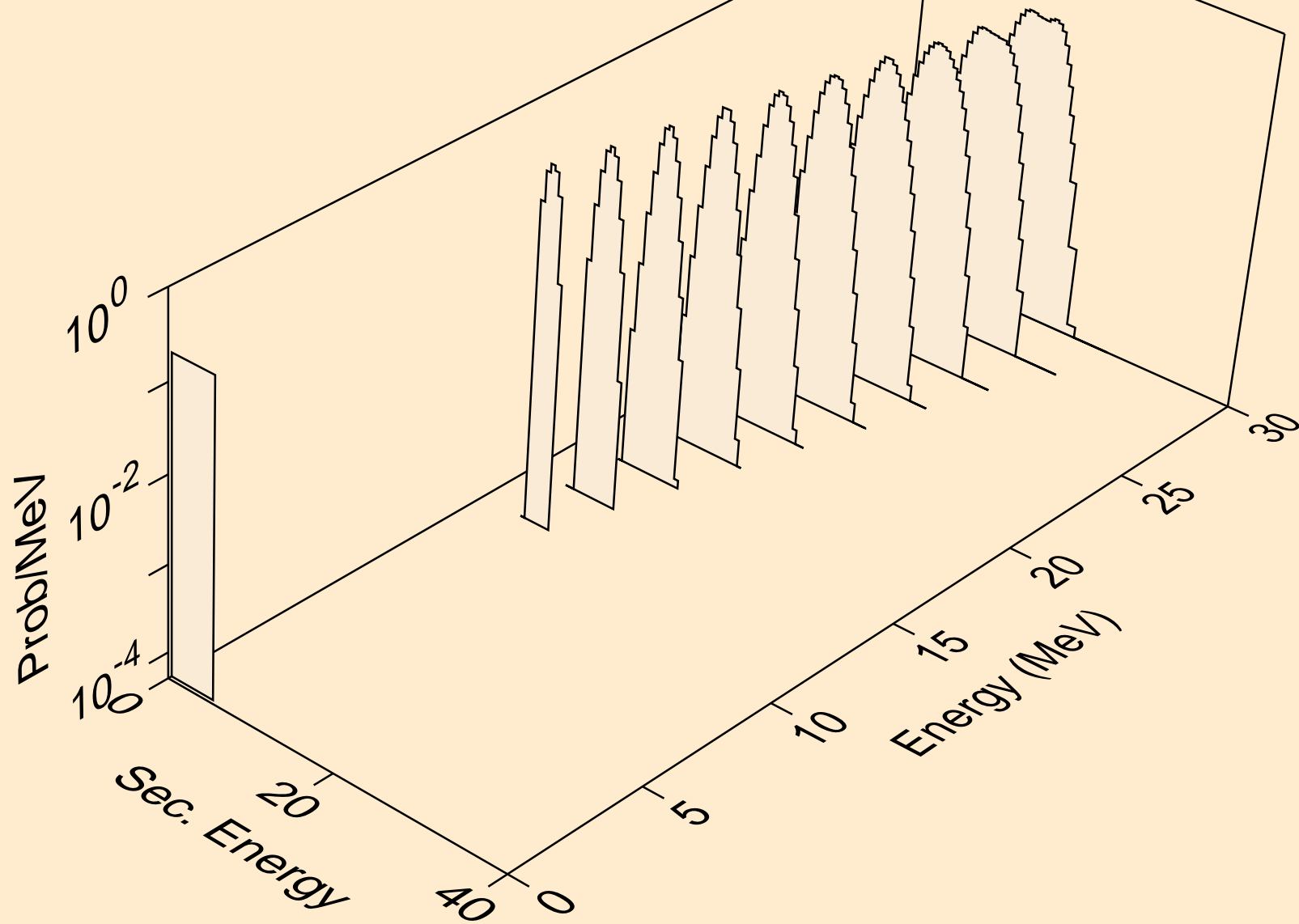
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

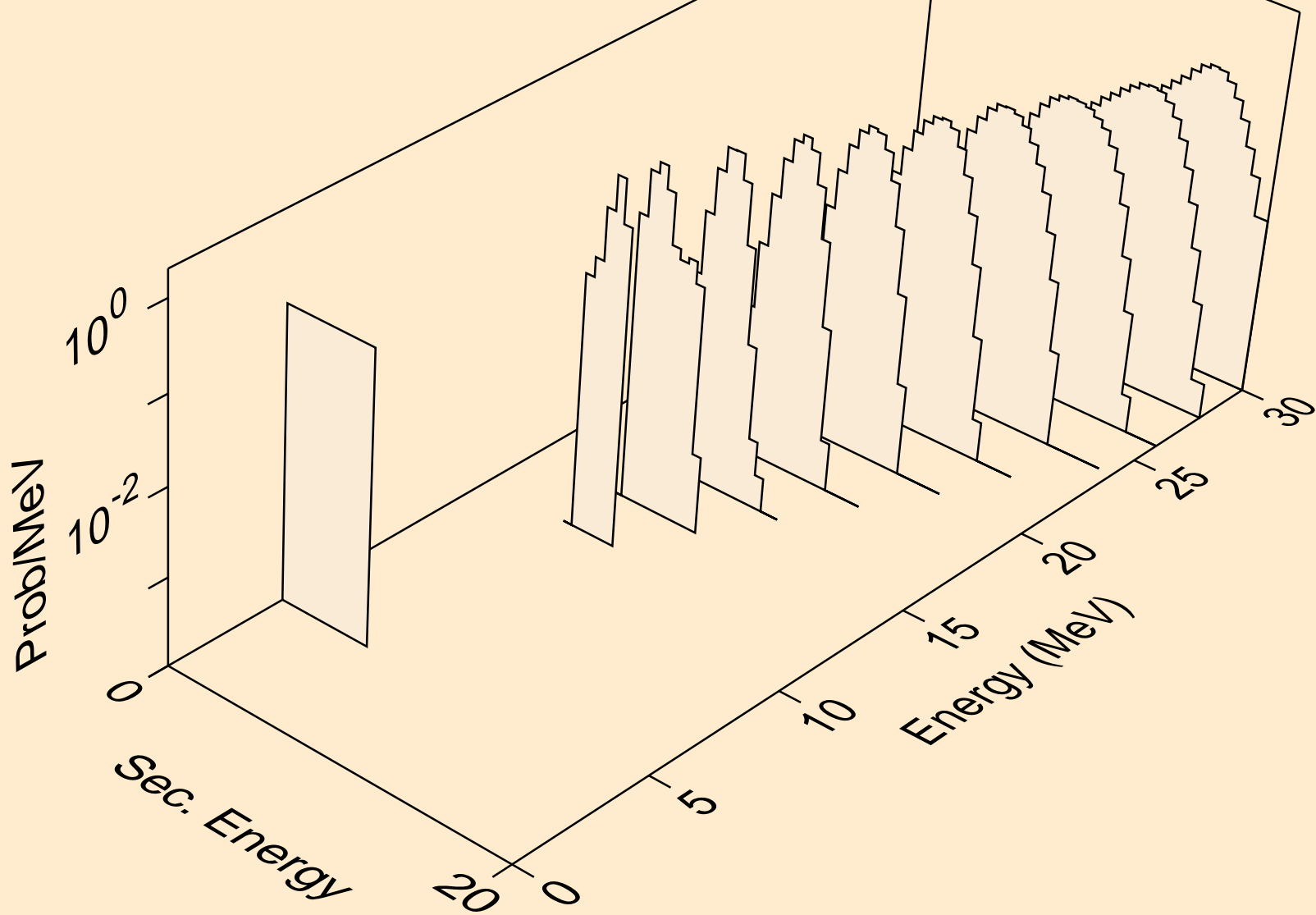


YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

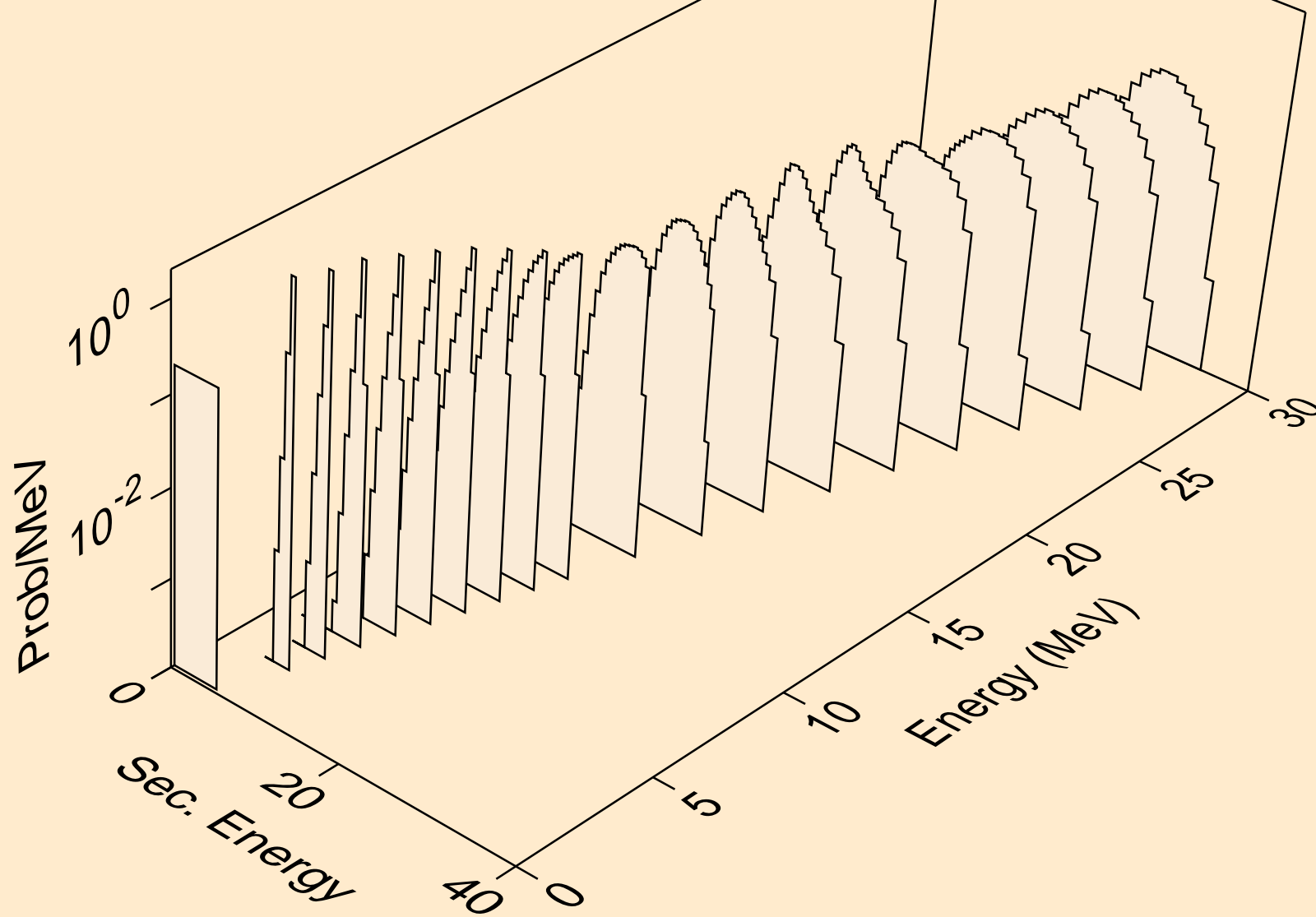




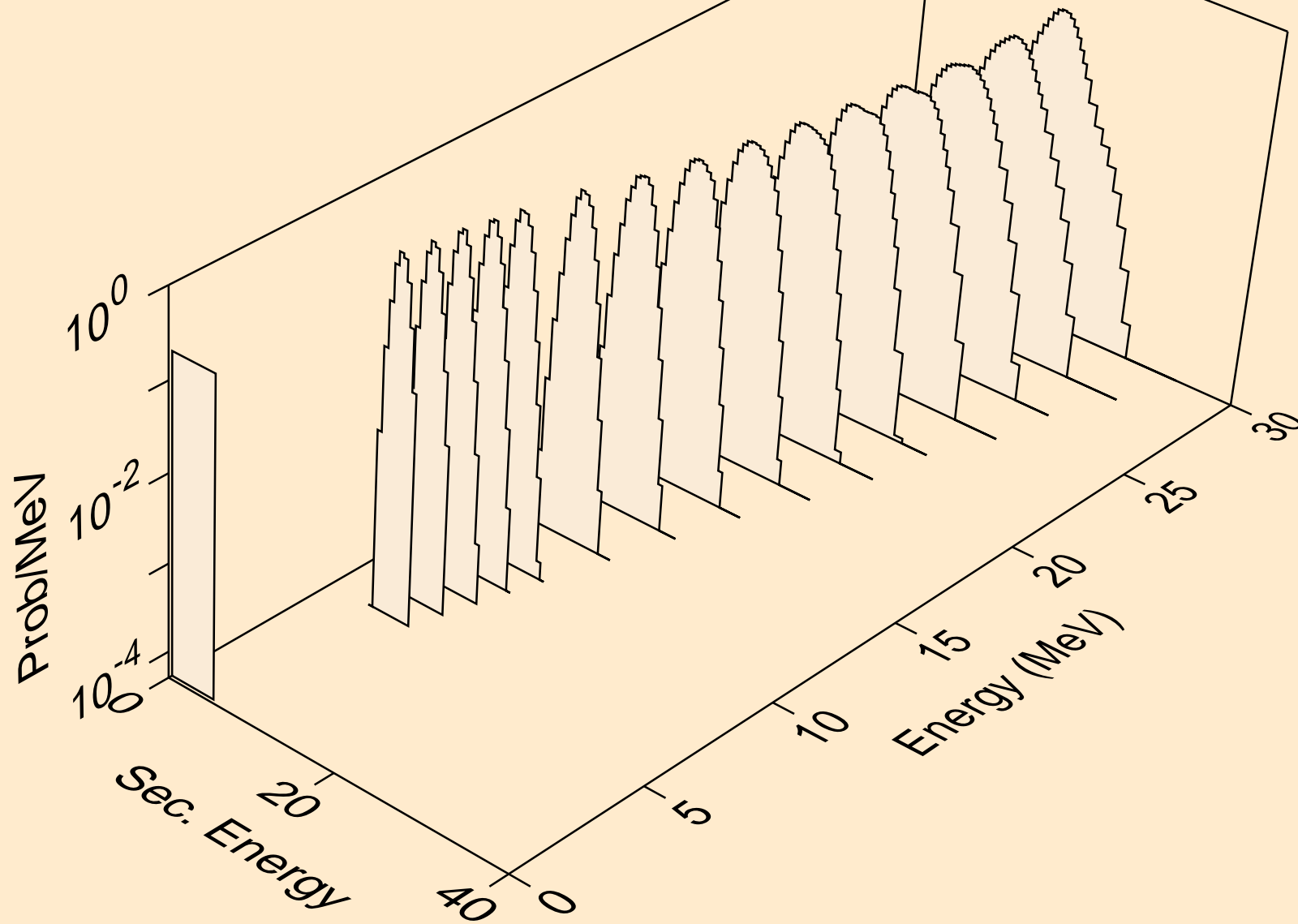
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alphas from (p,npa)



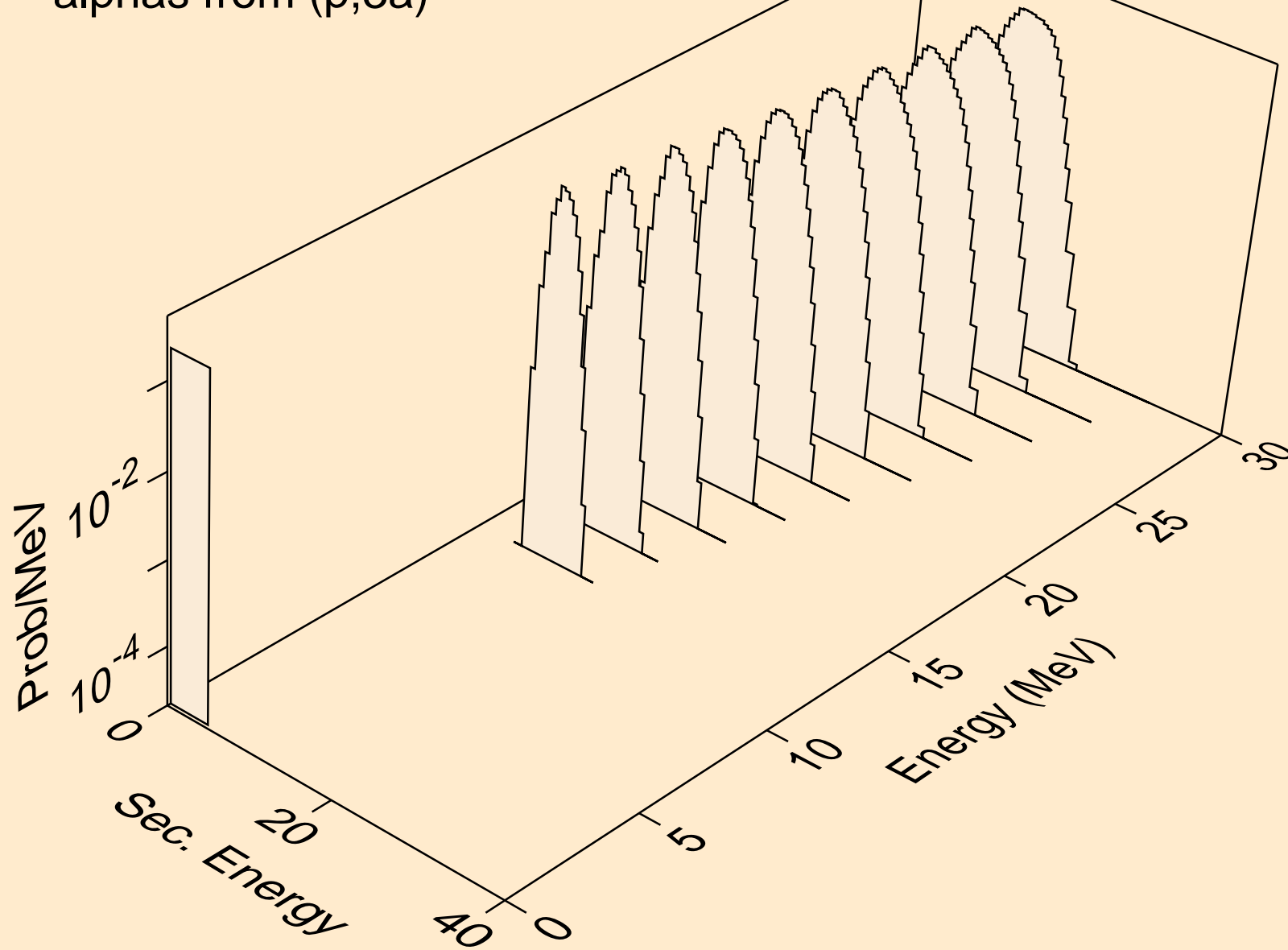
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alphas from (p,a)



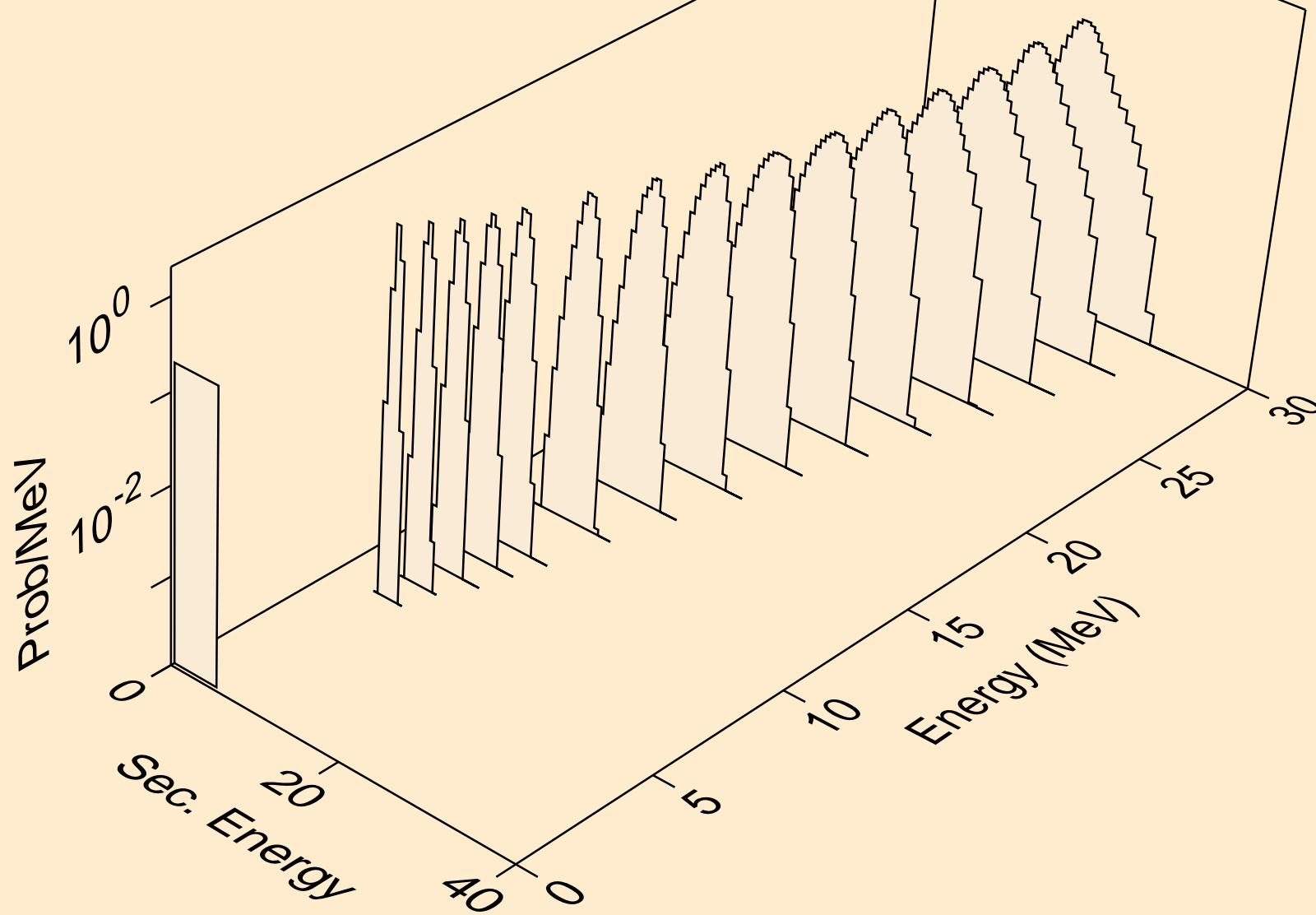
YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



YB161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

