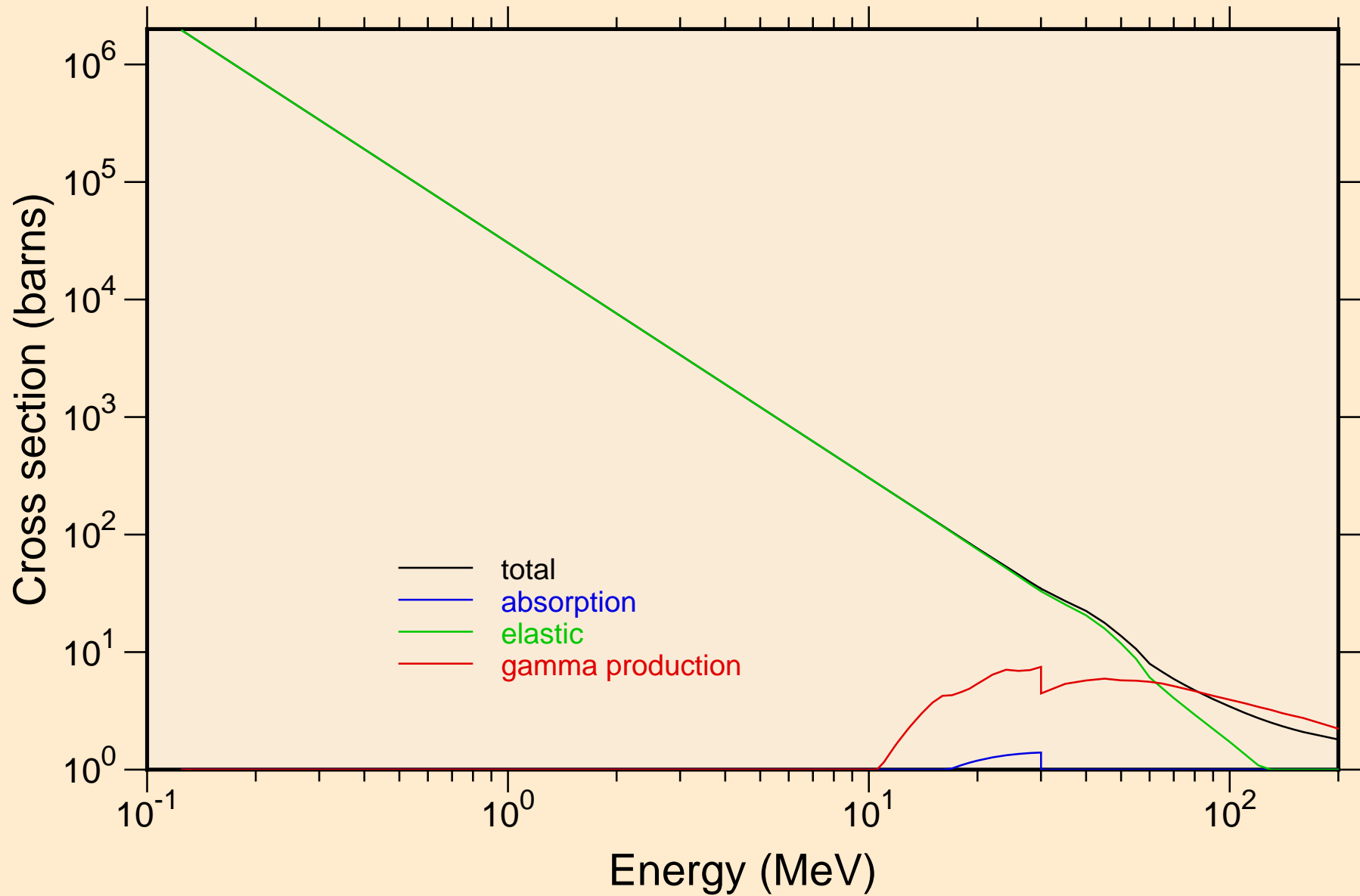


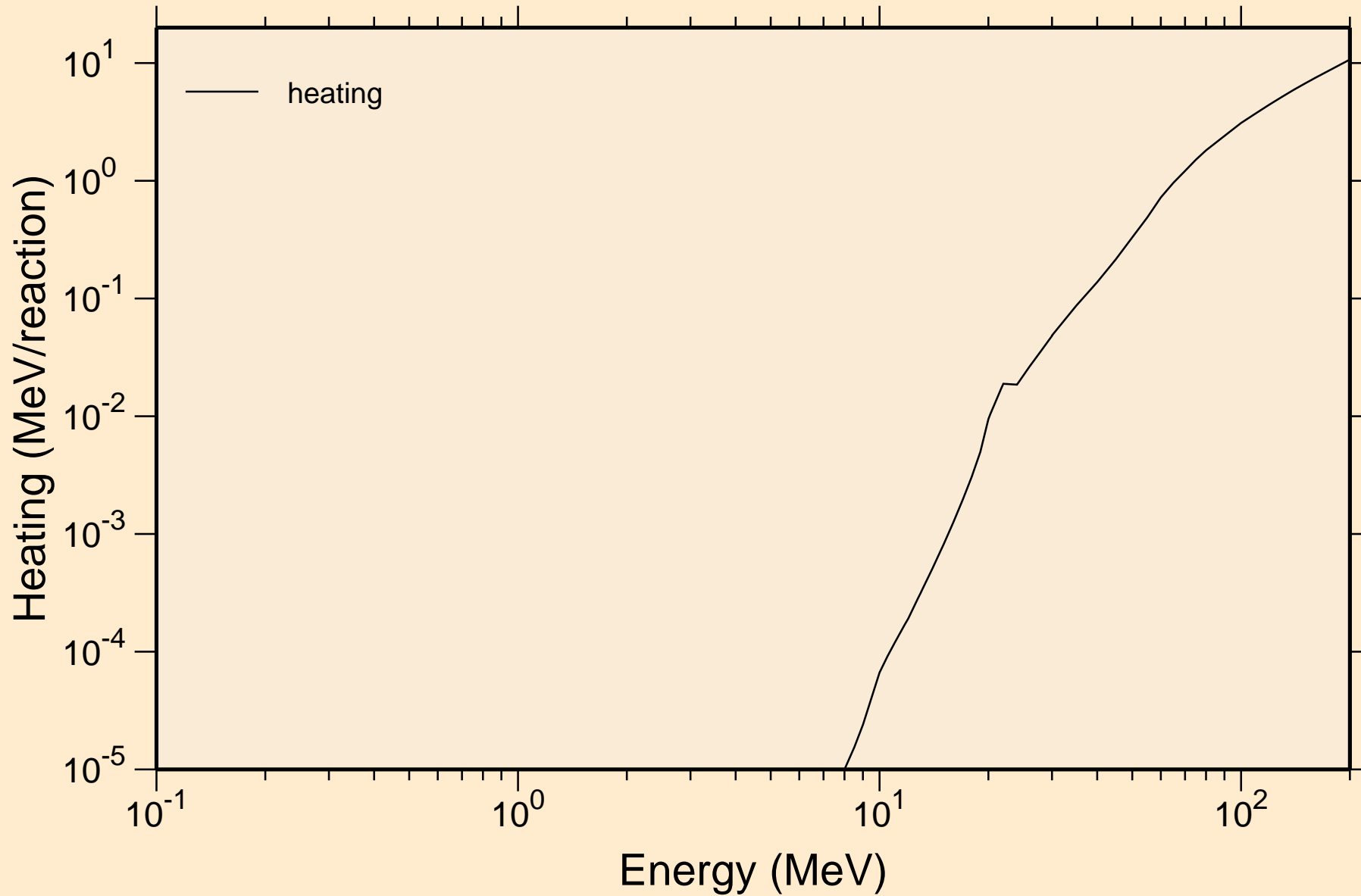
# YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



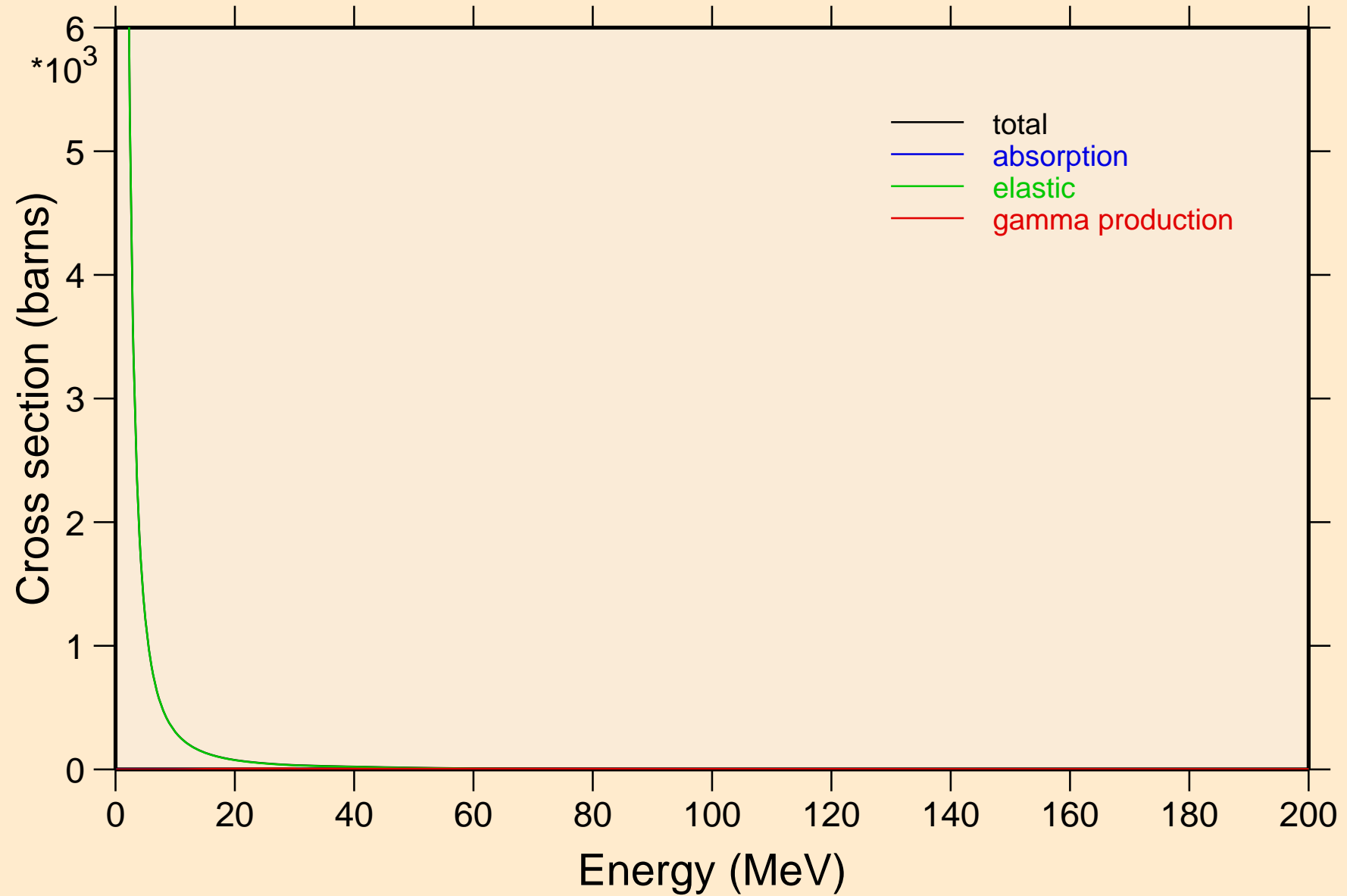
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



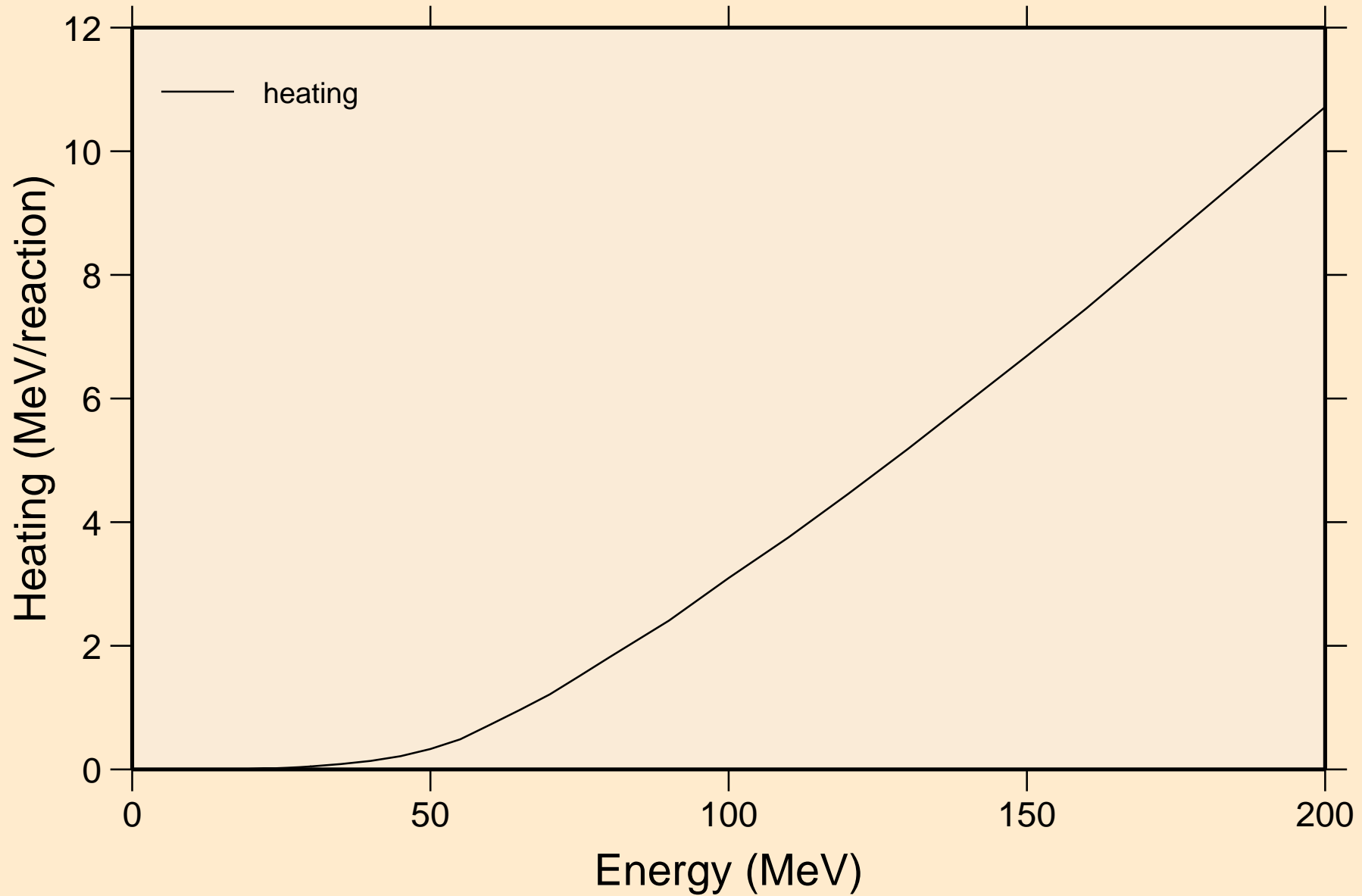
# YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



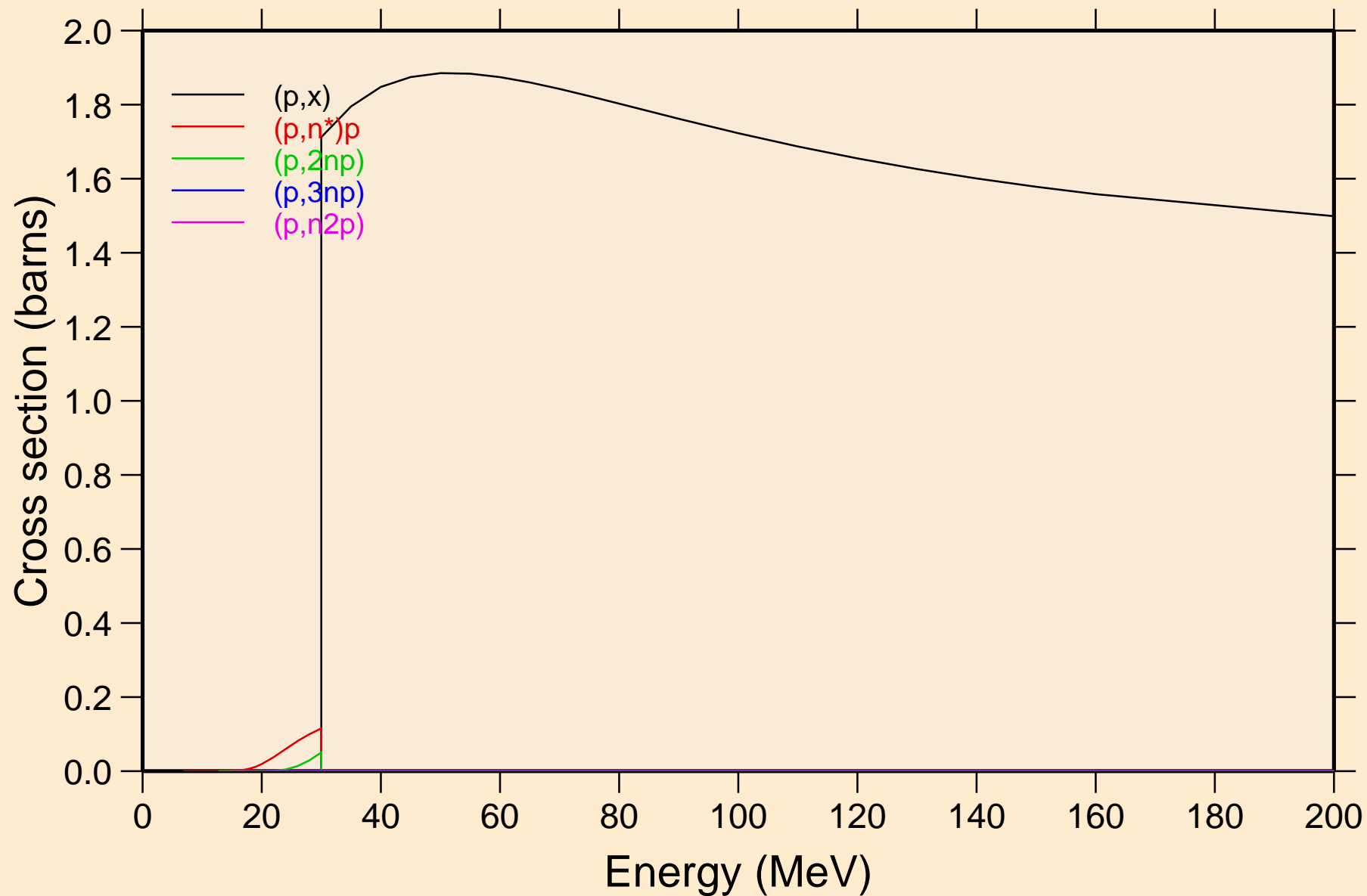
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

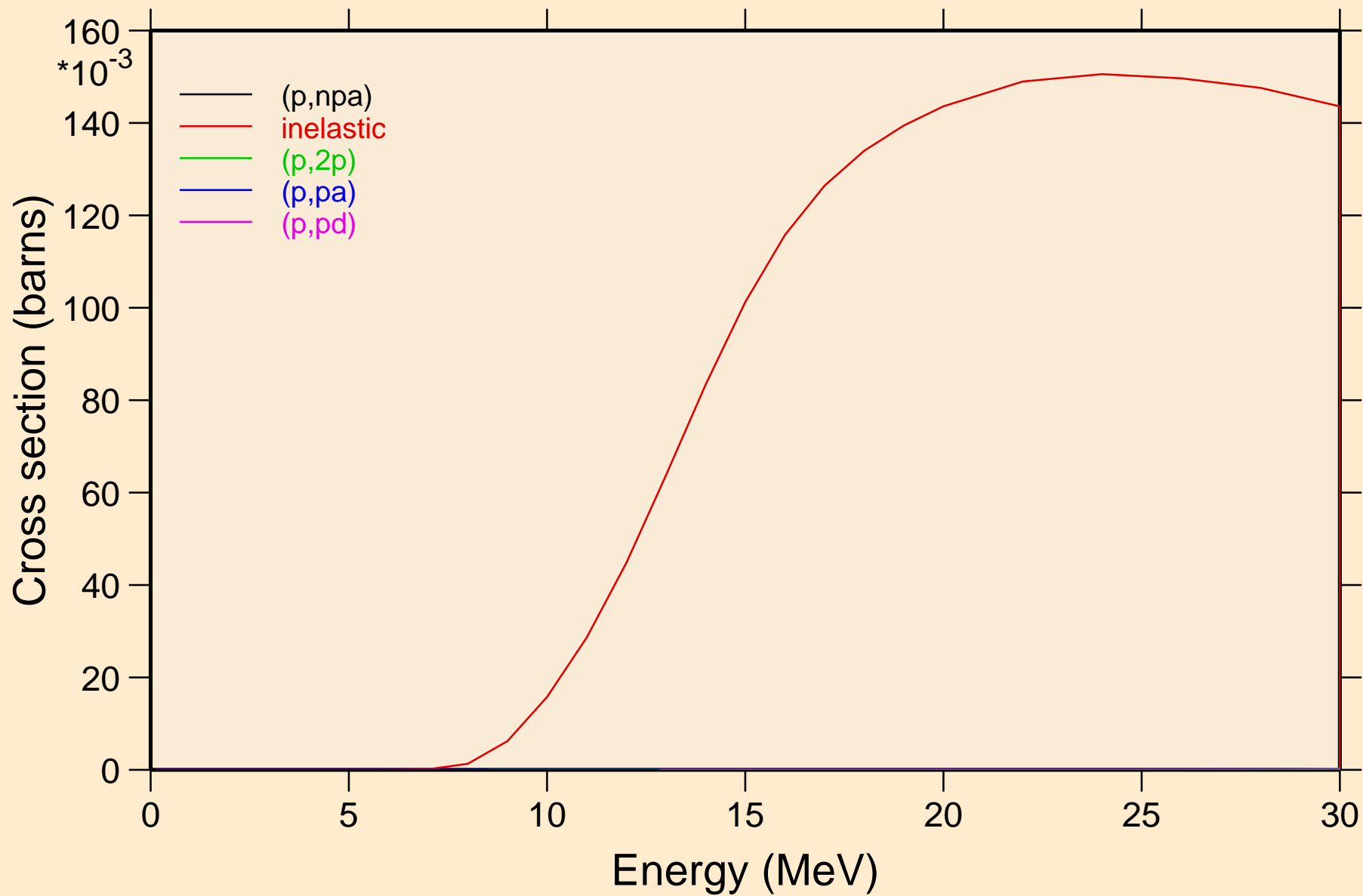


# YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

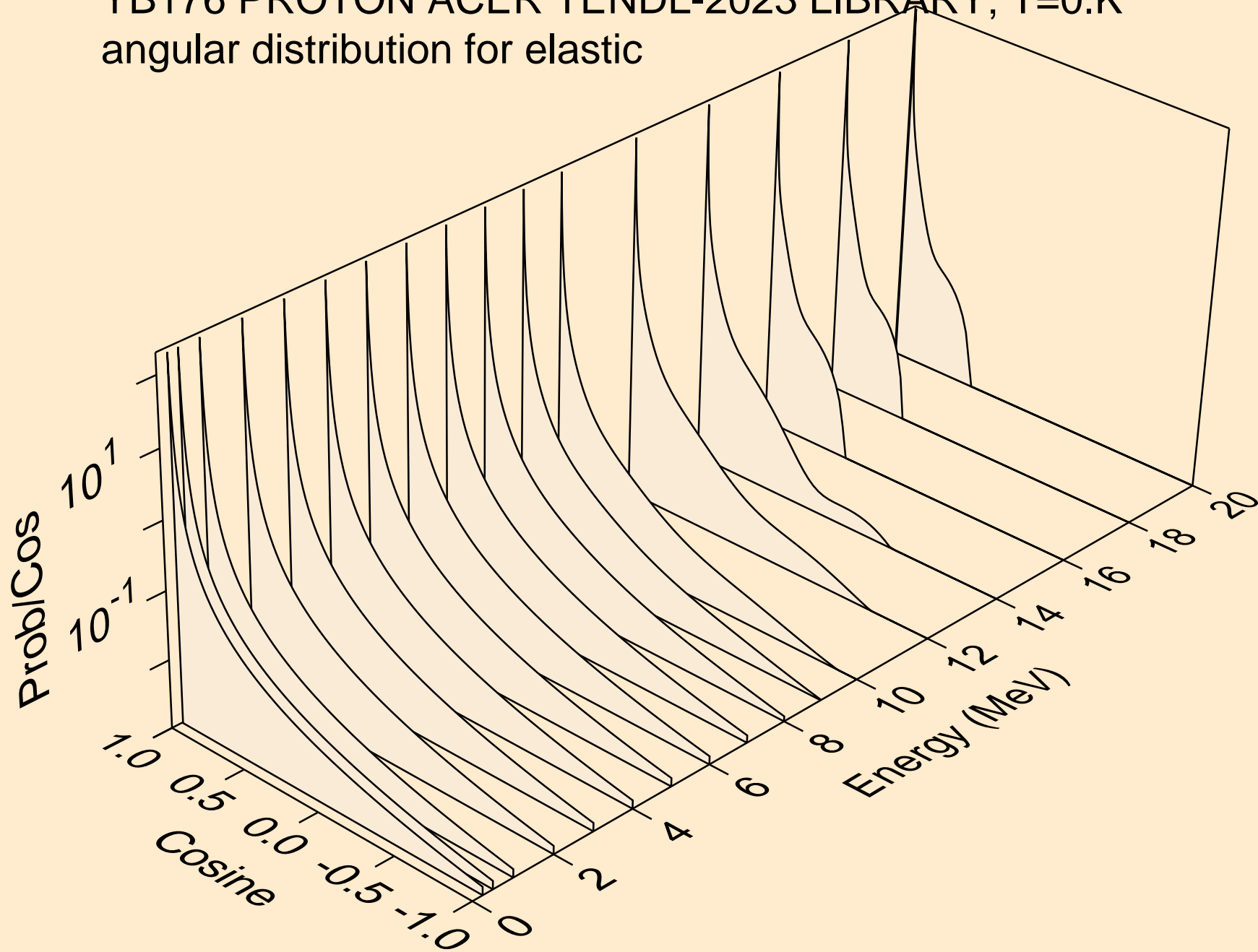
## Threshold reactions



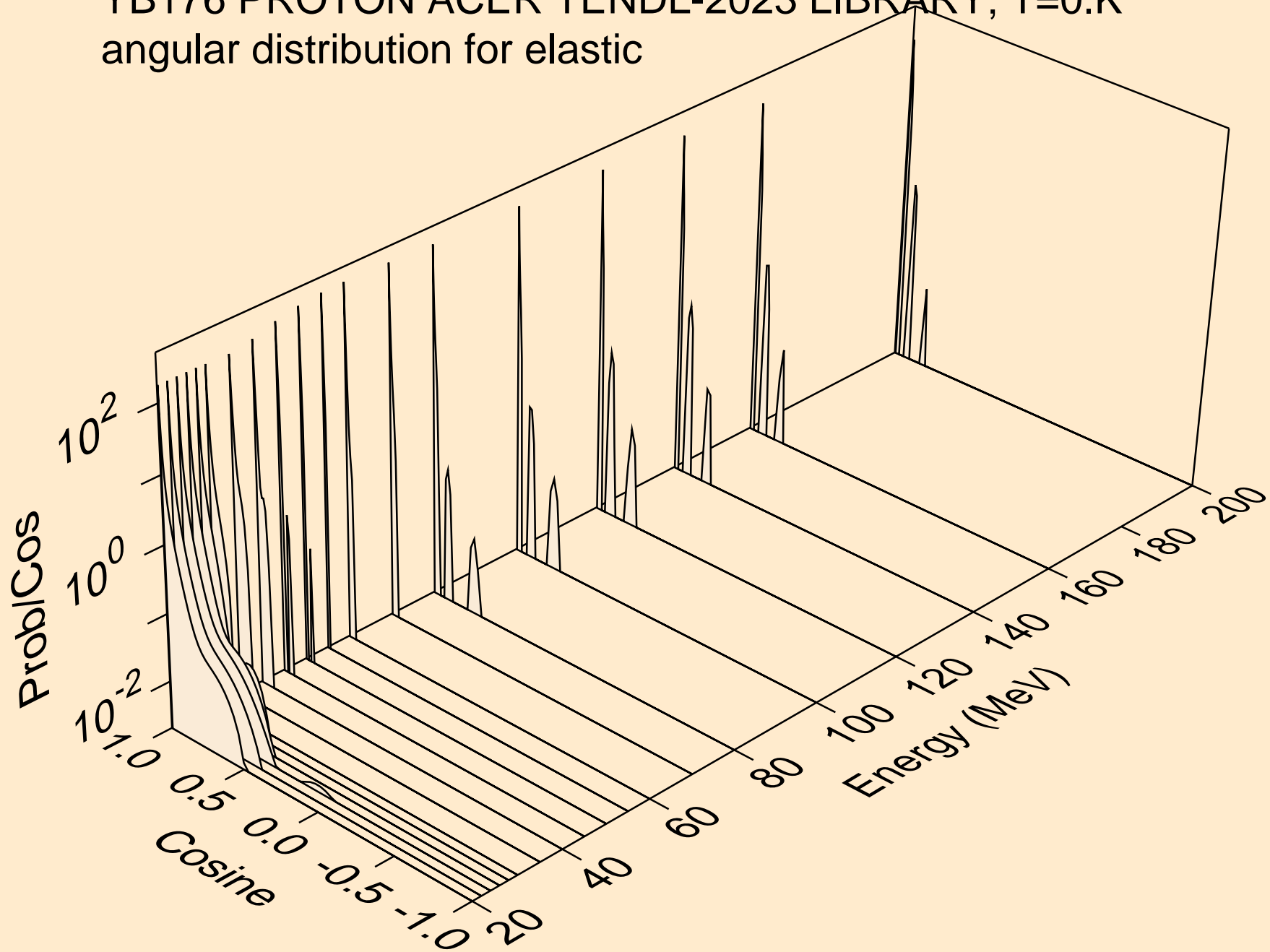
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

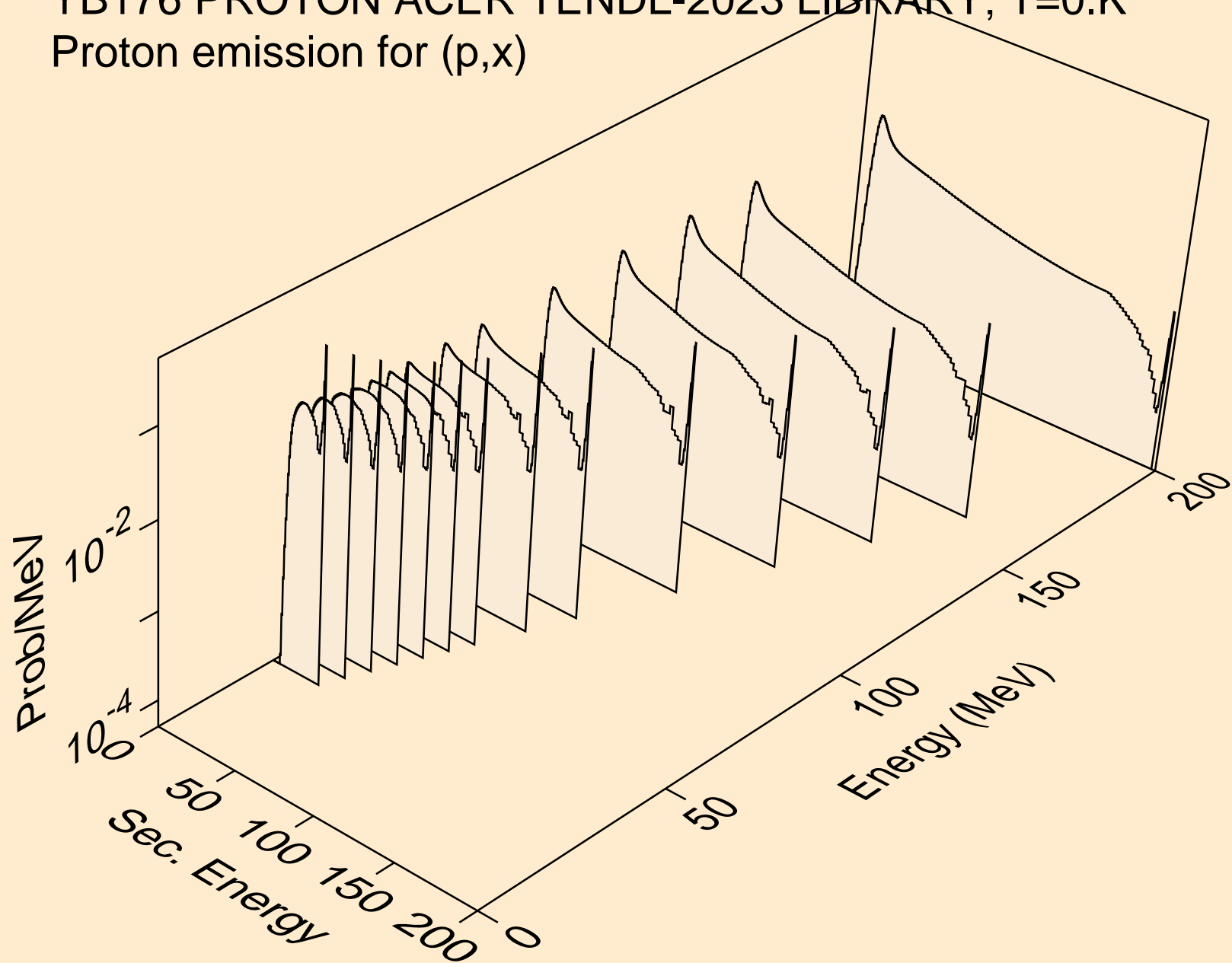


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

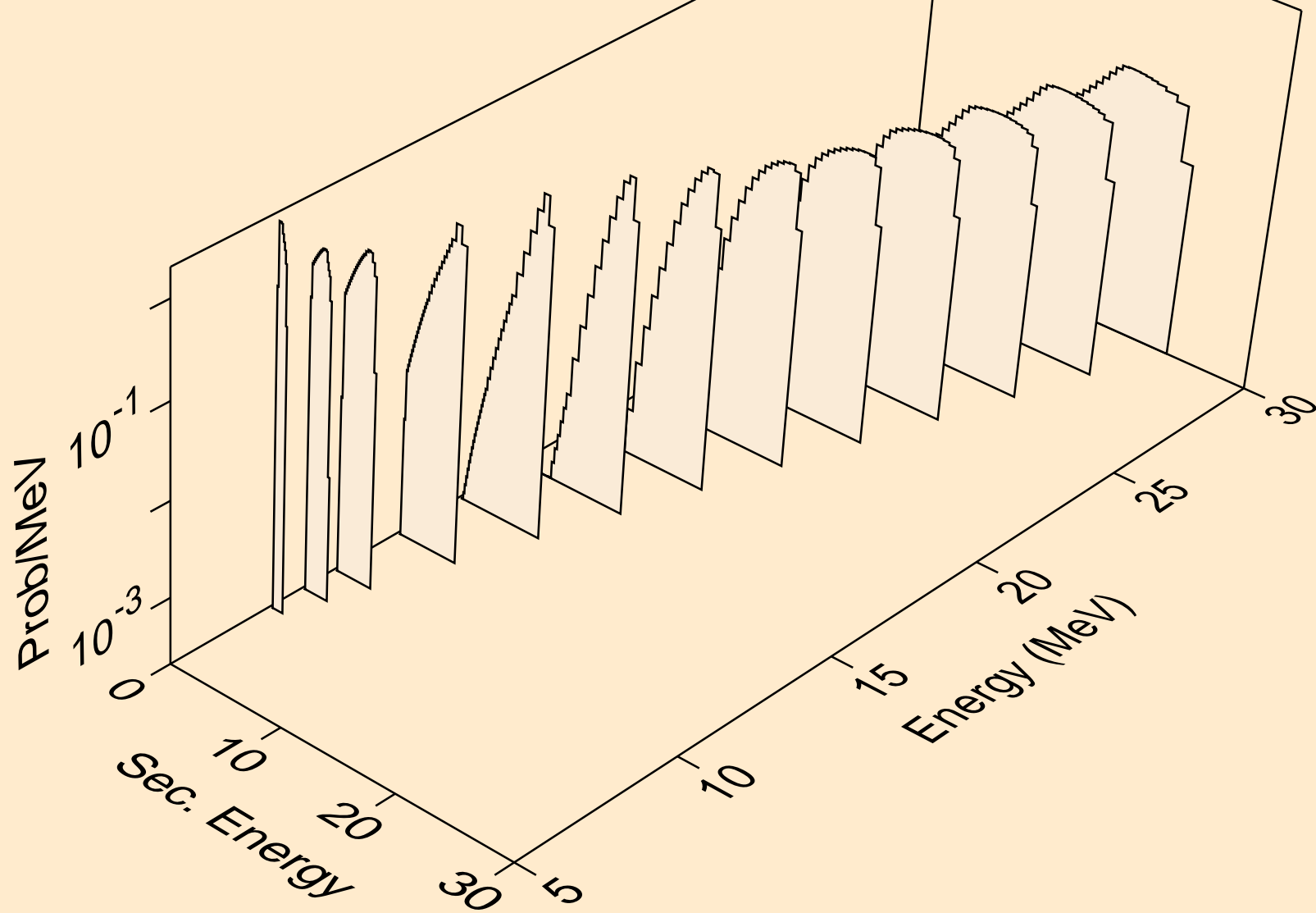




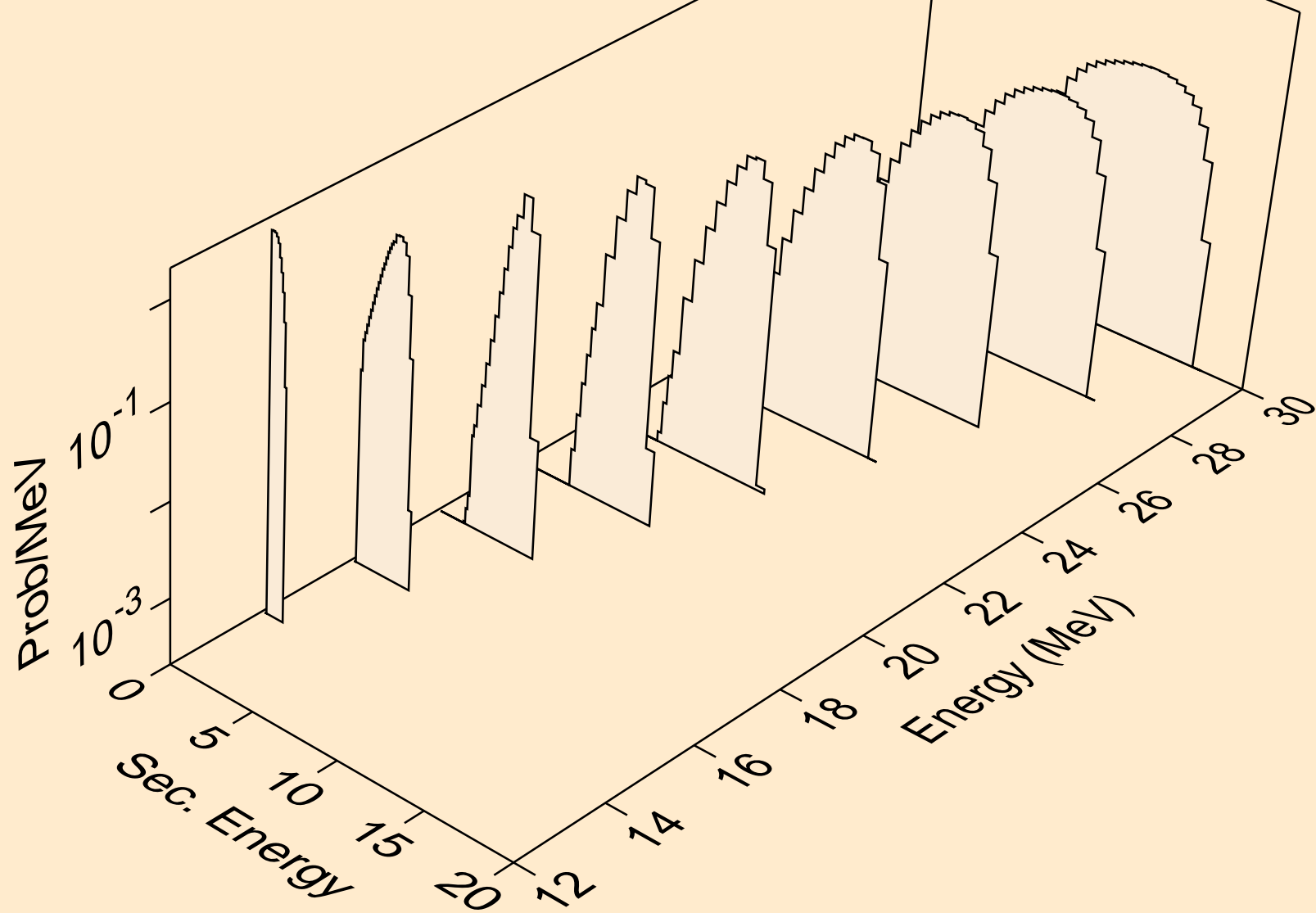
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



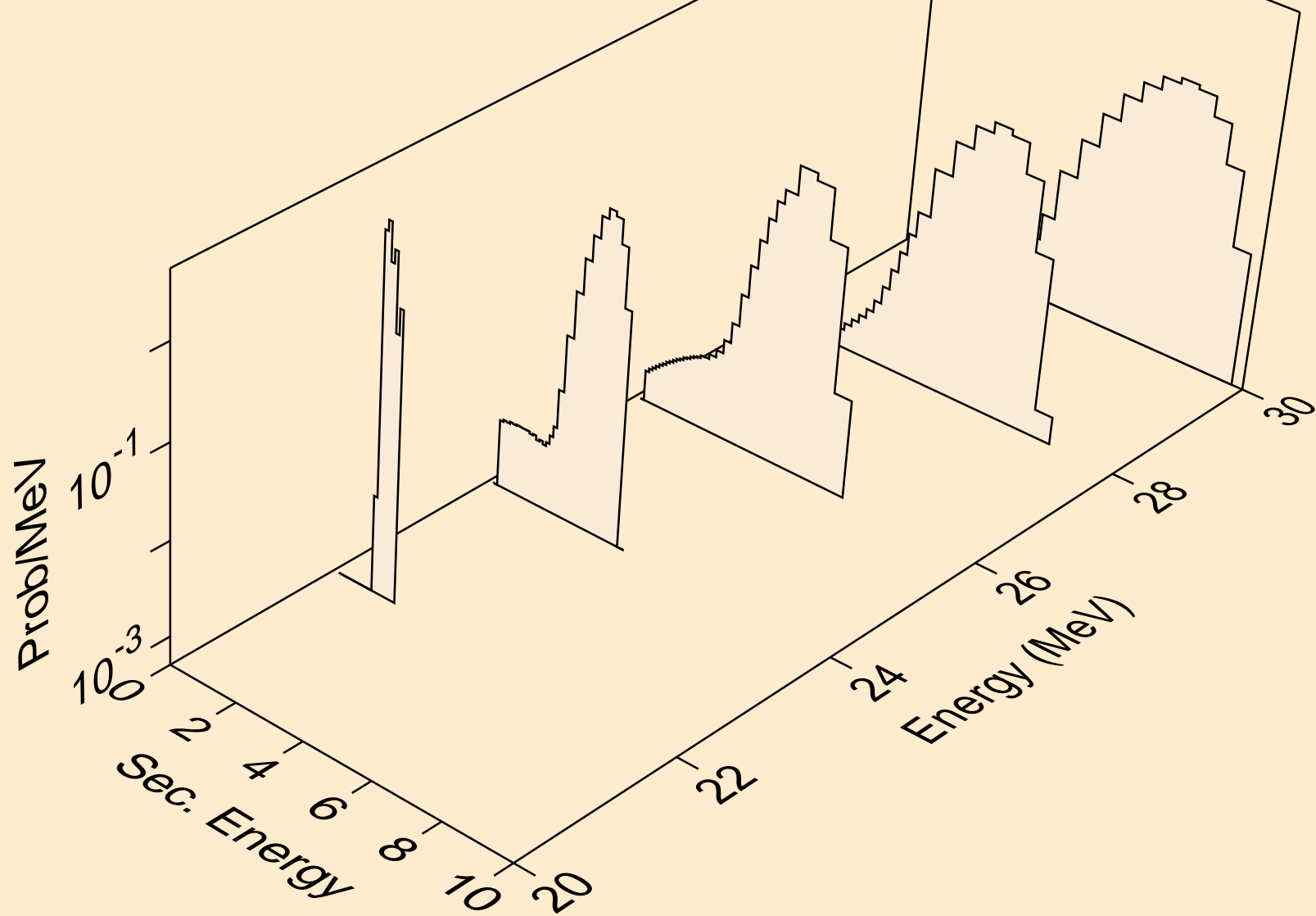
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



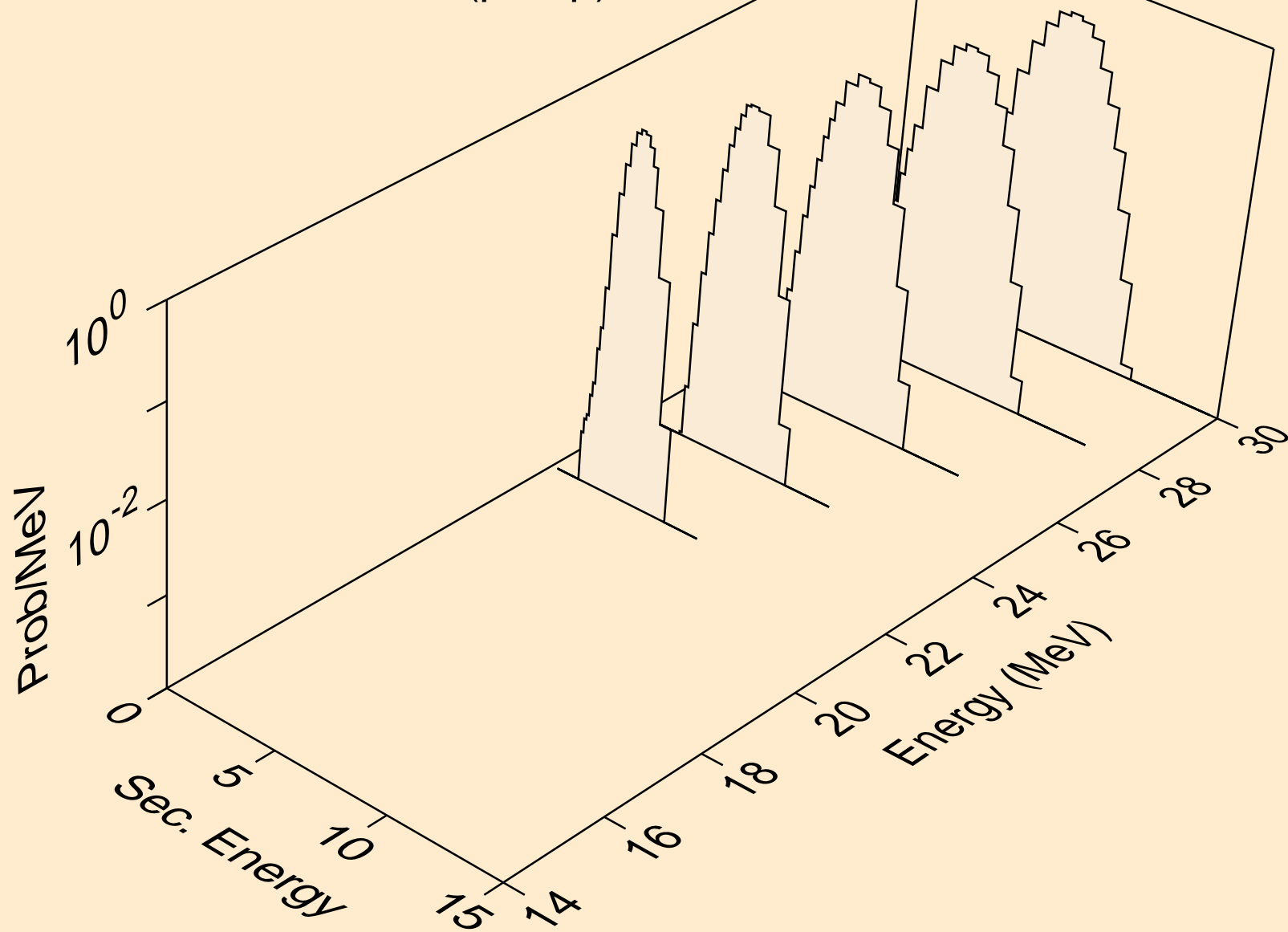
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



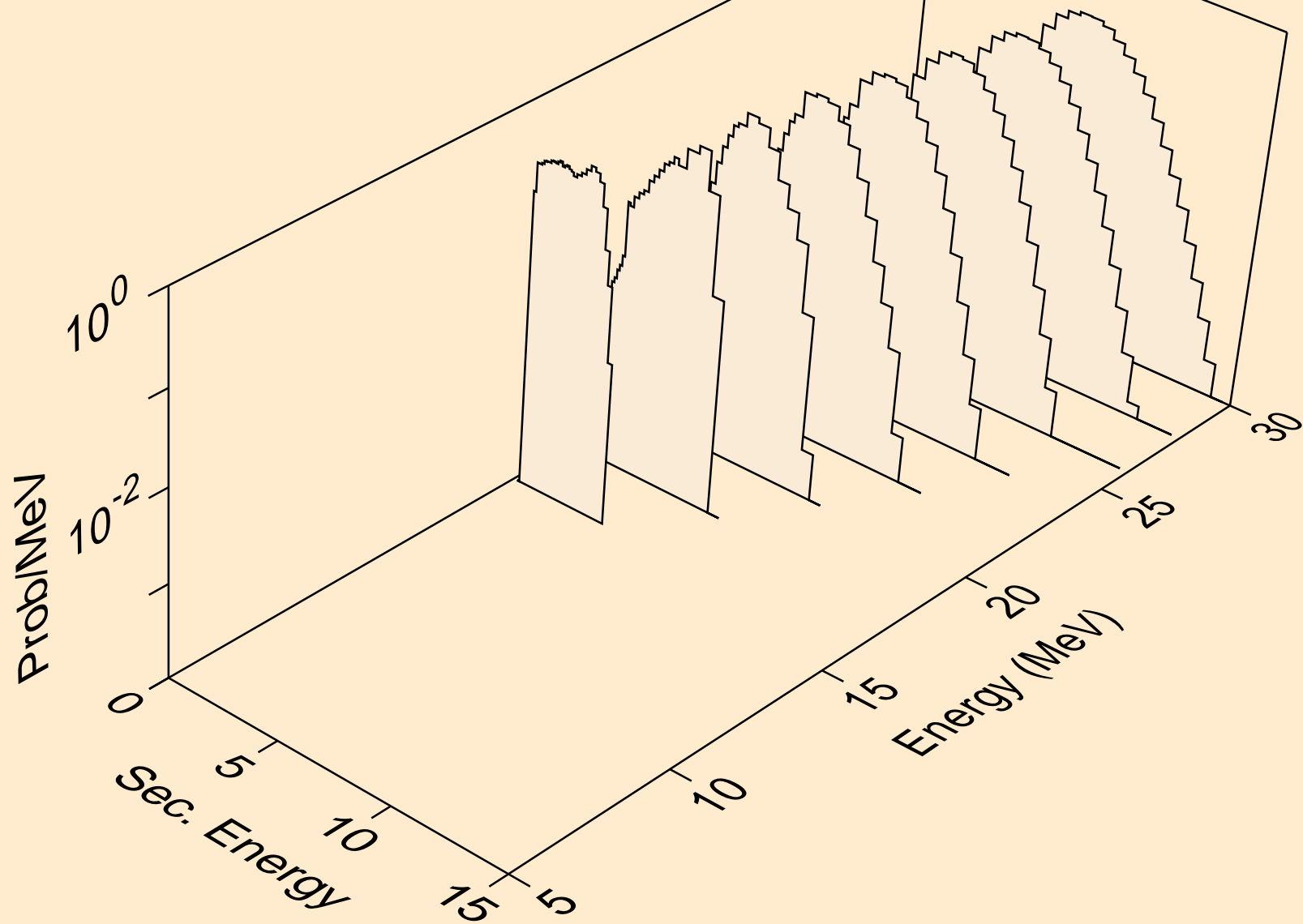
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



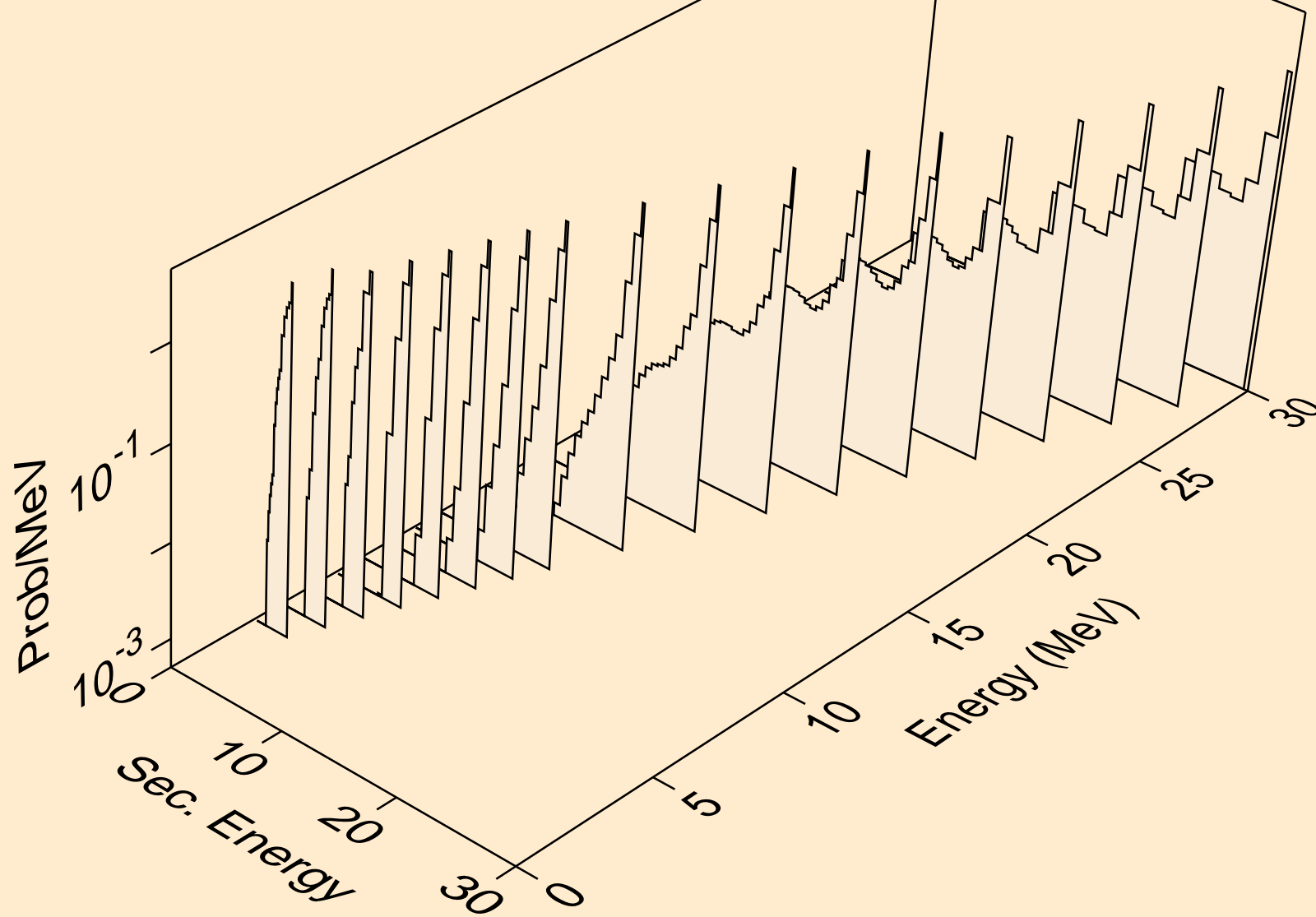
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



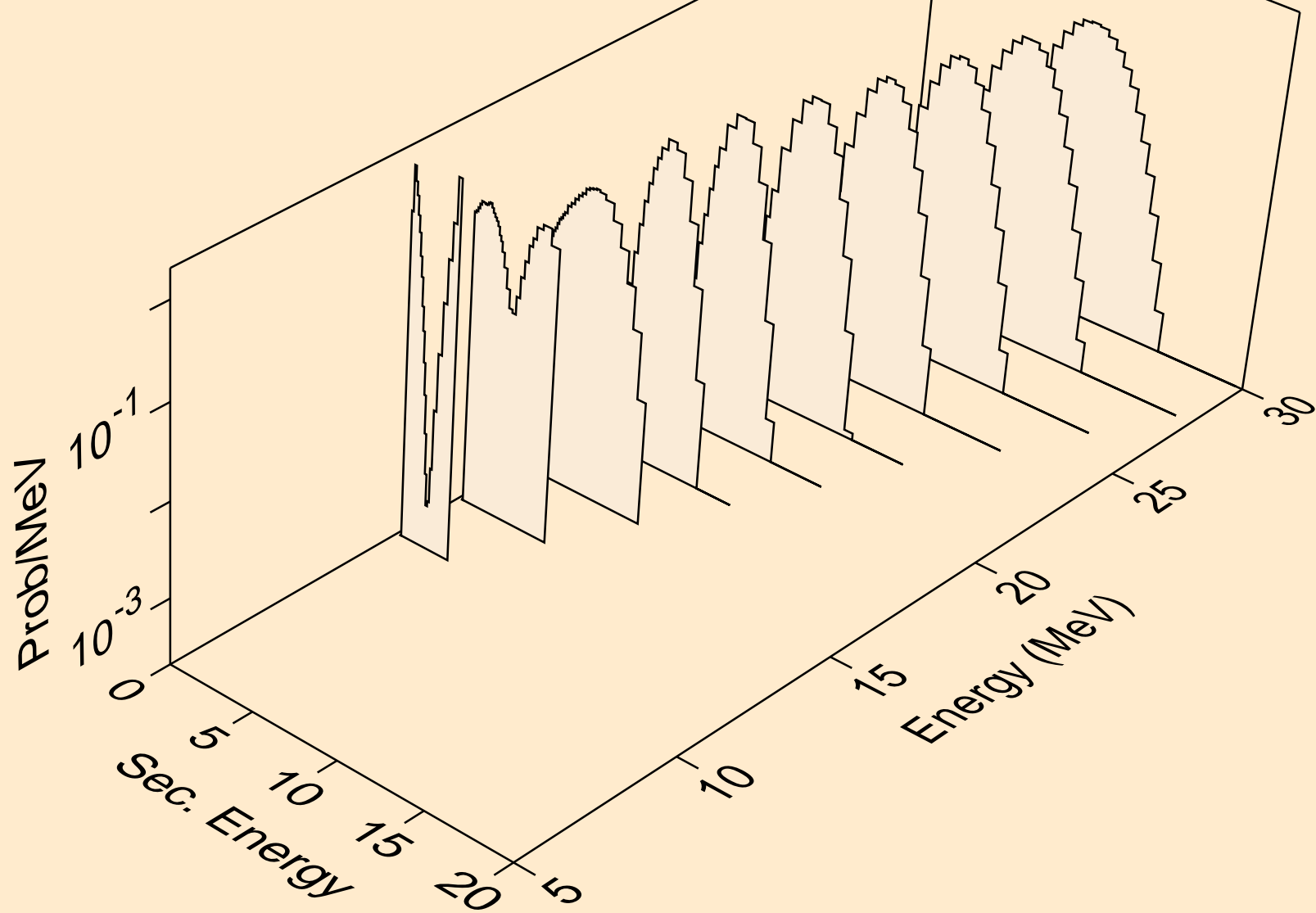
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

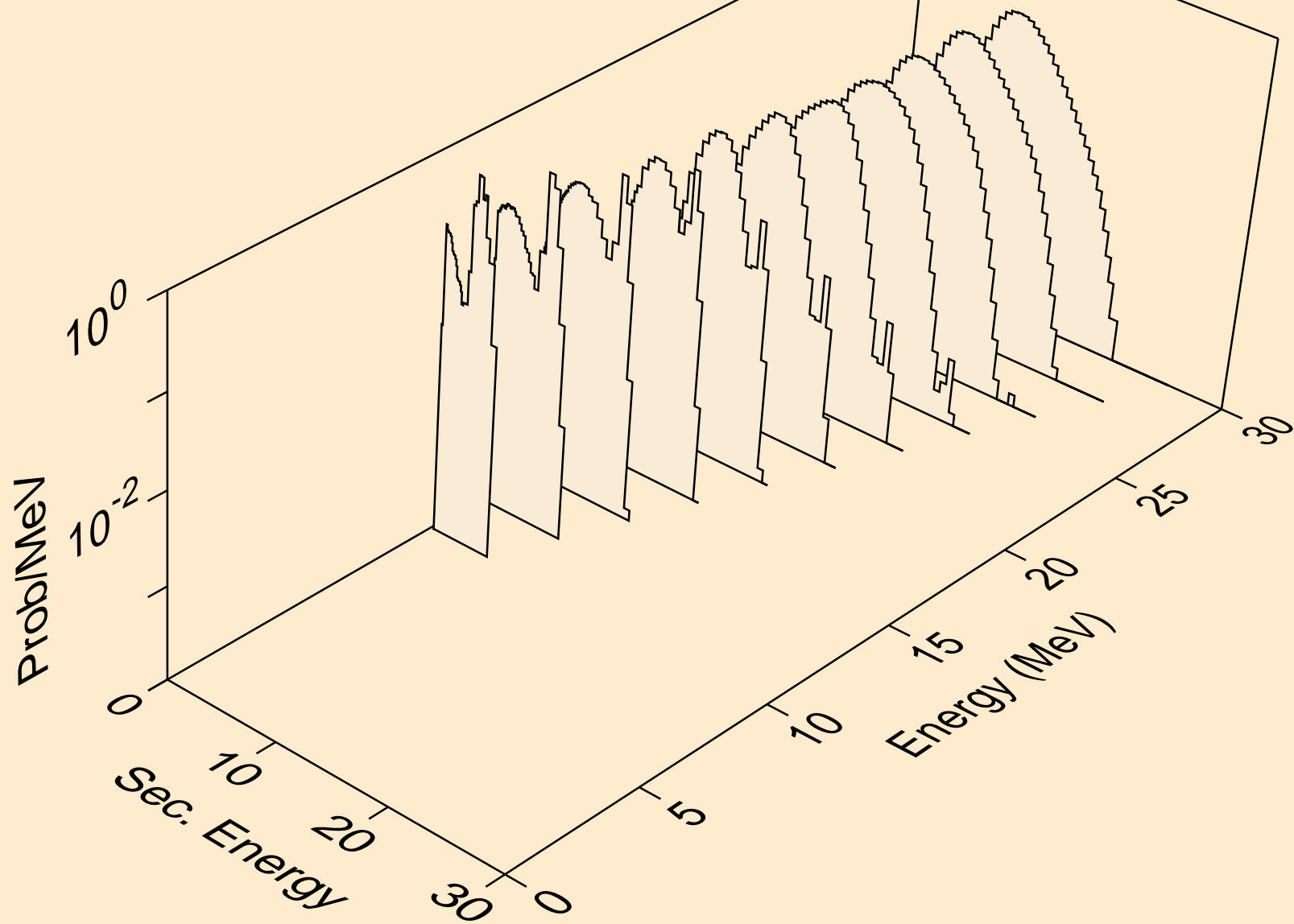


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

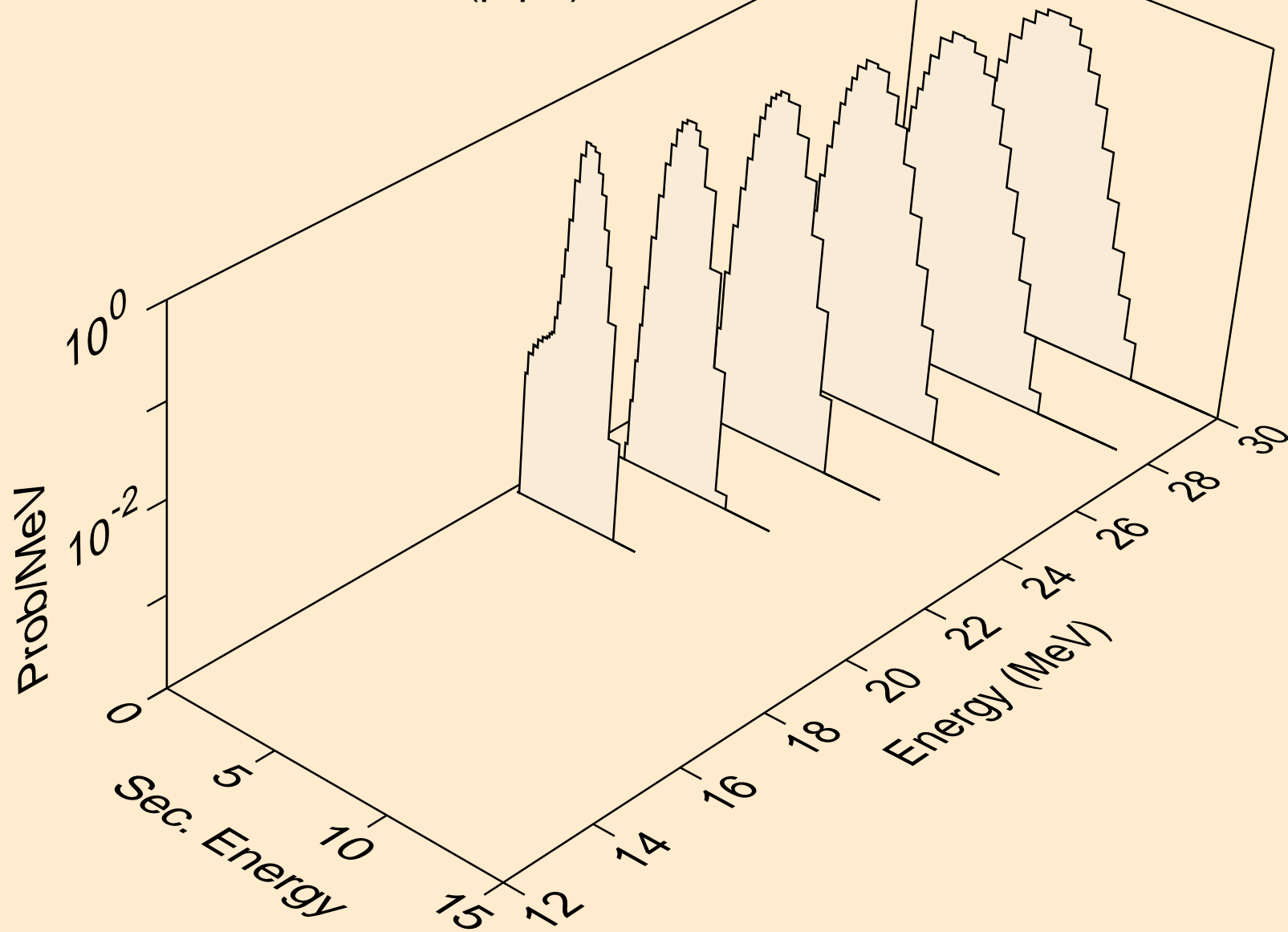




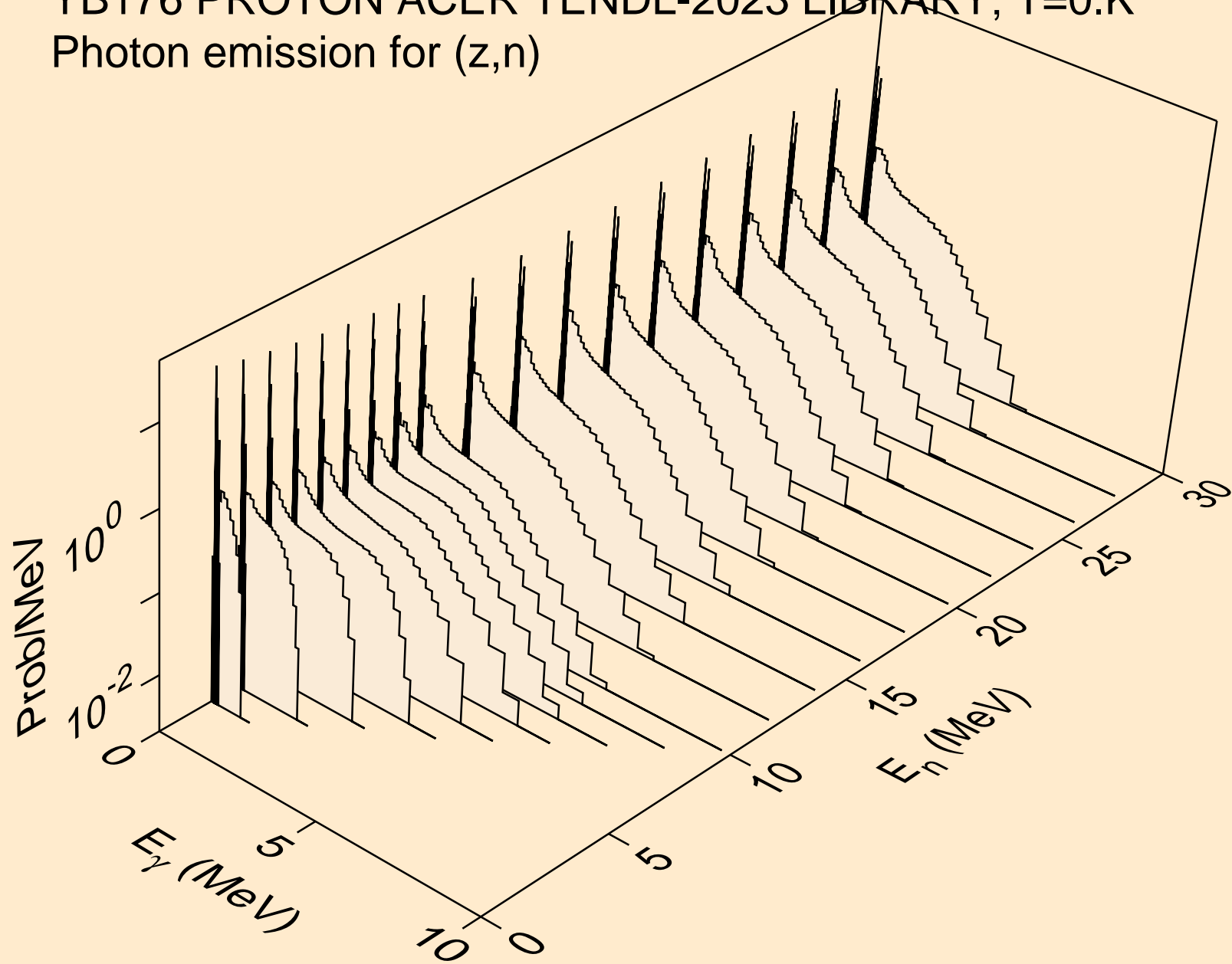
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Proton emission for (p,pa)



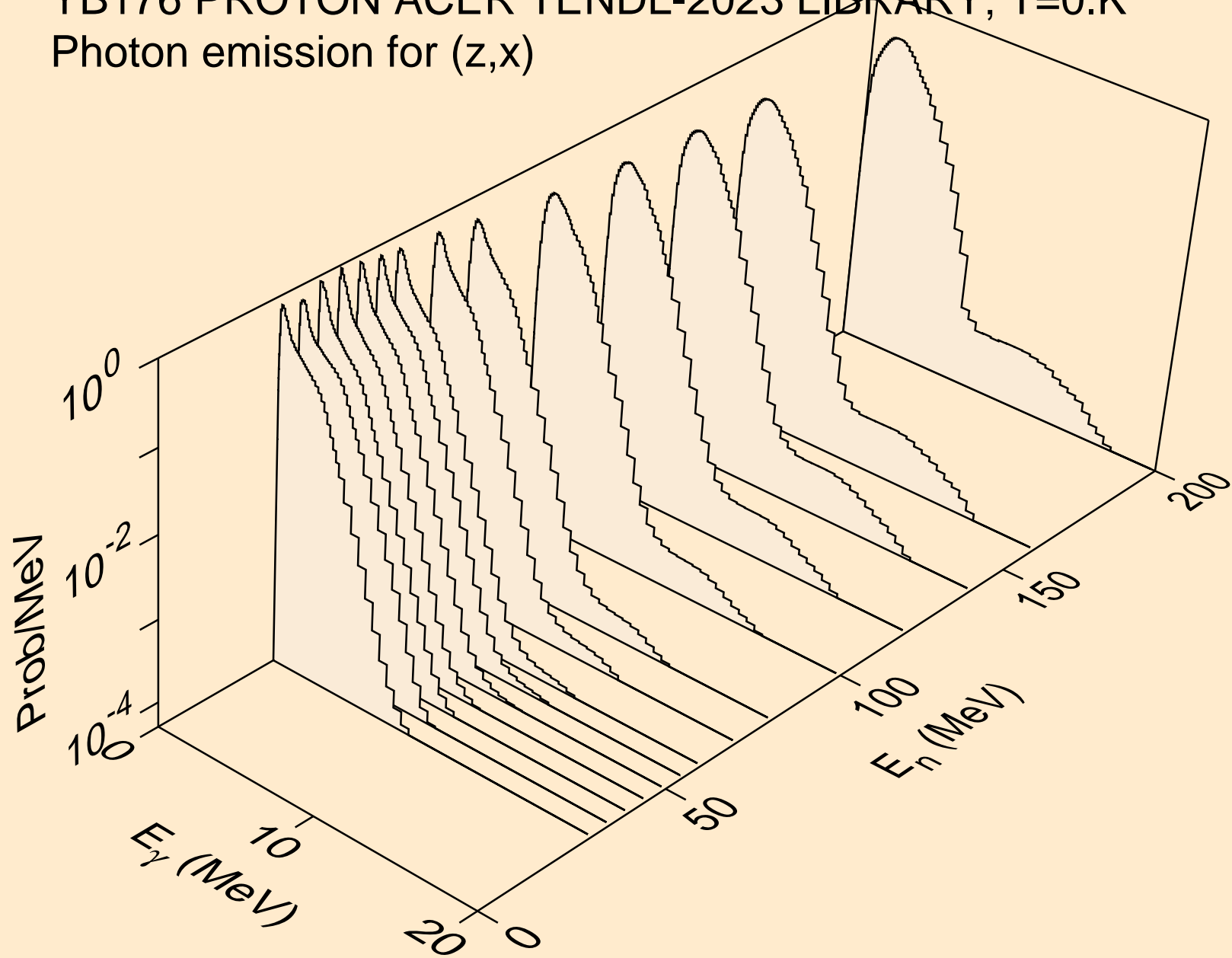
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



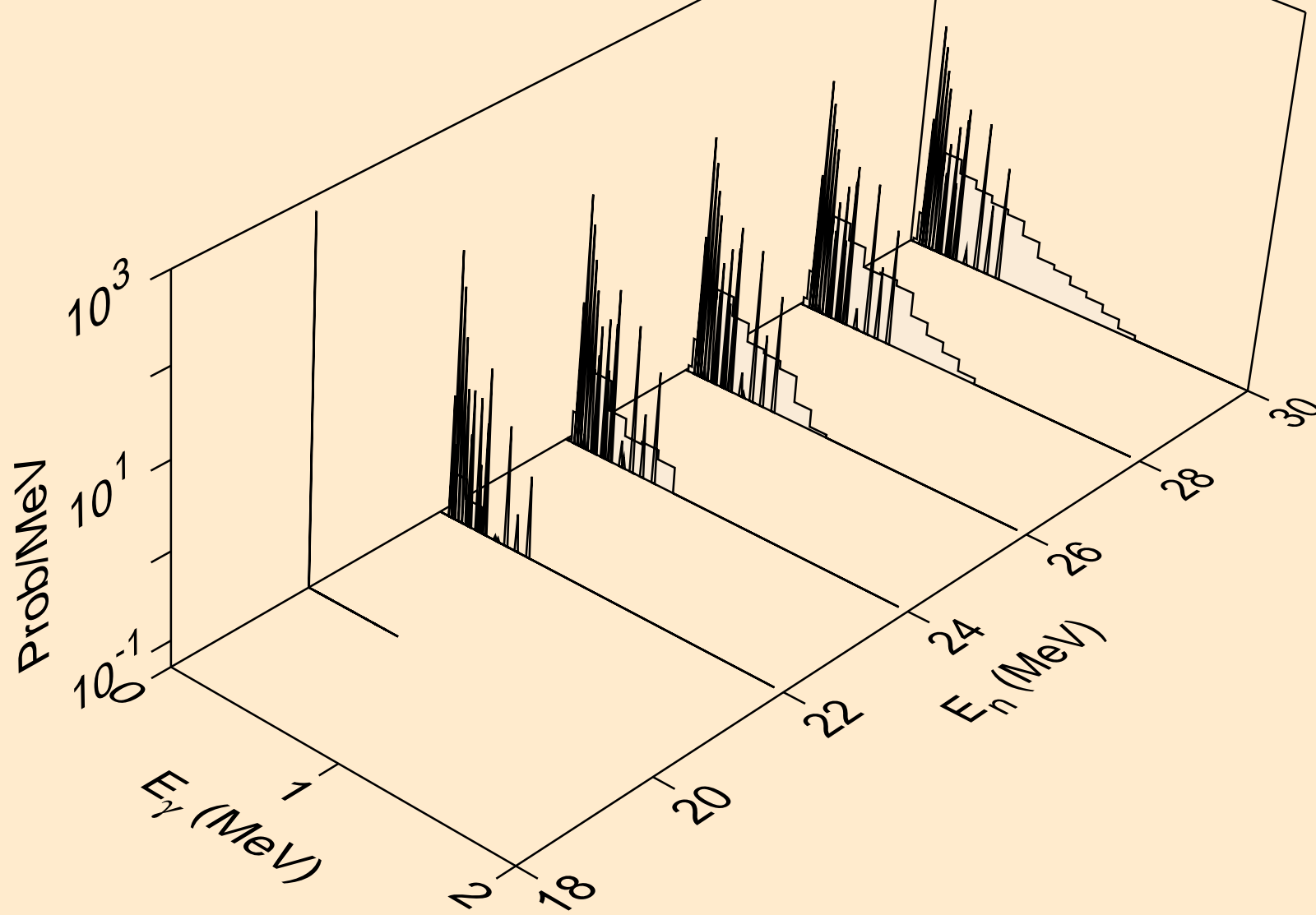
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Photon emission for (z,n)



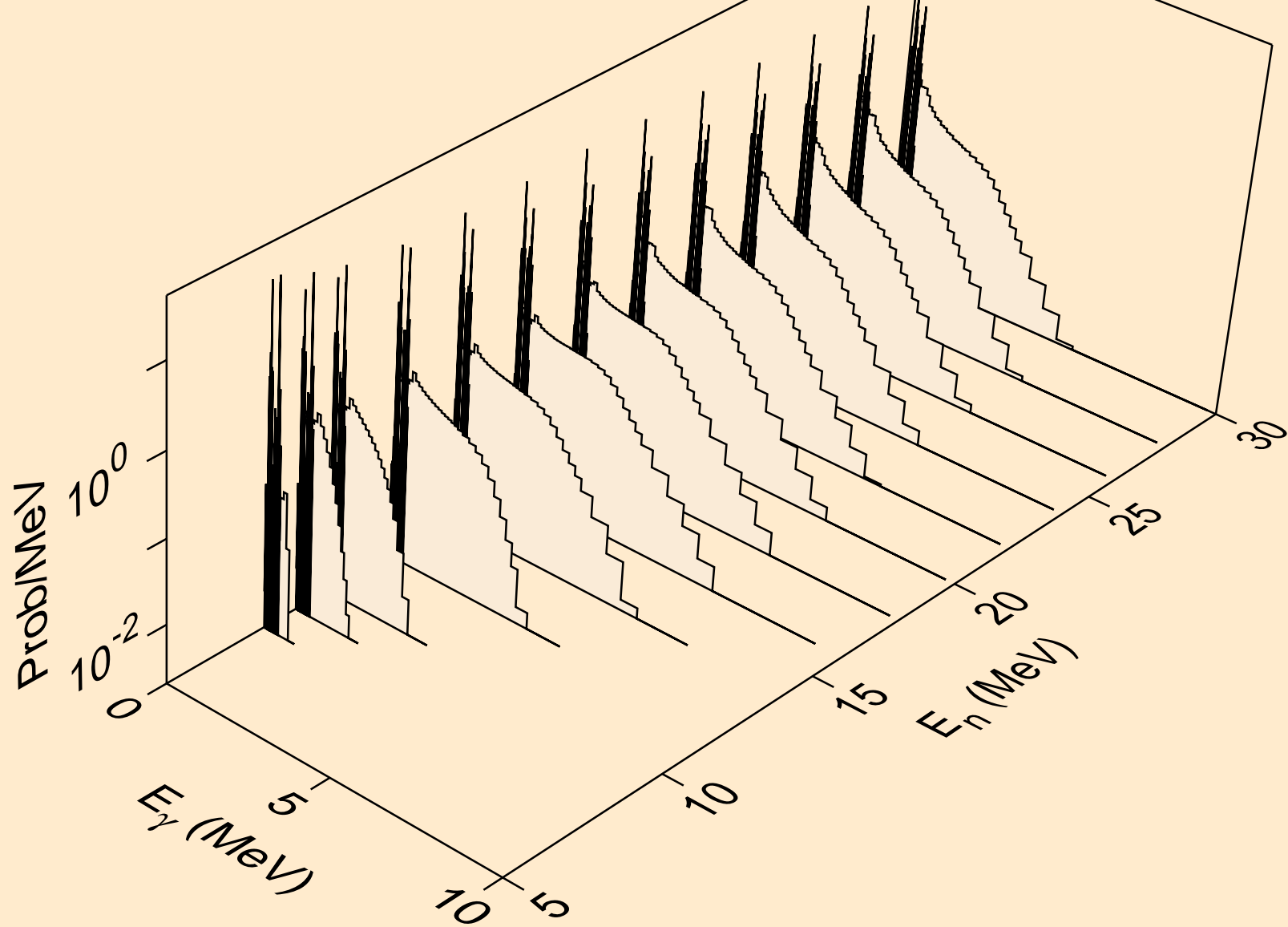
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



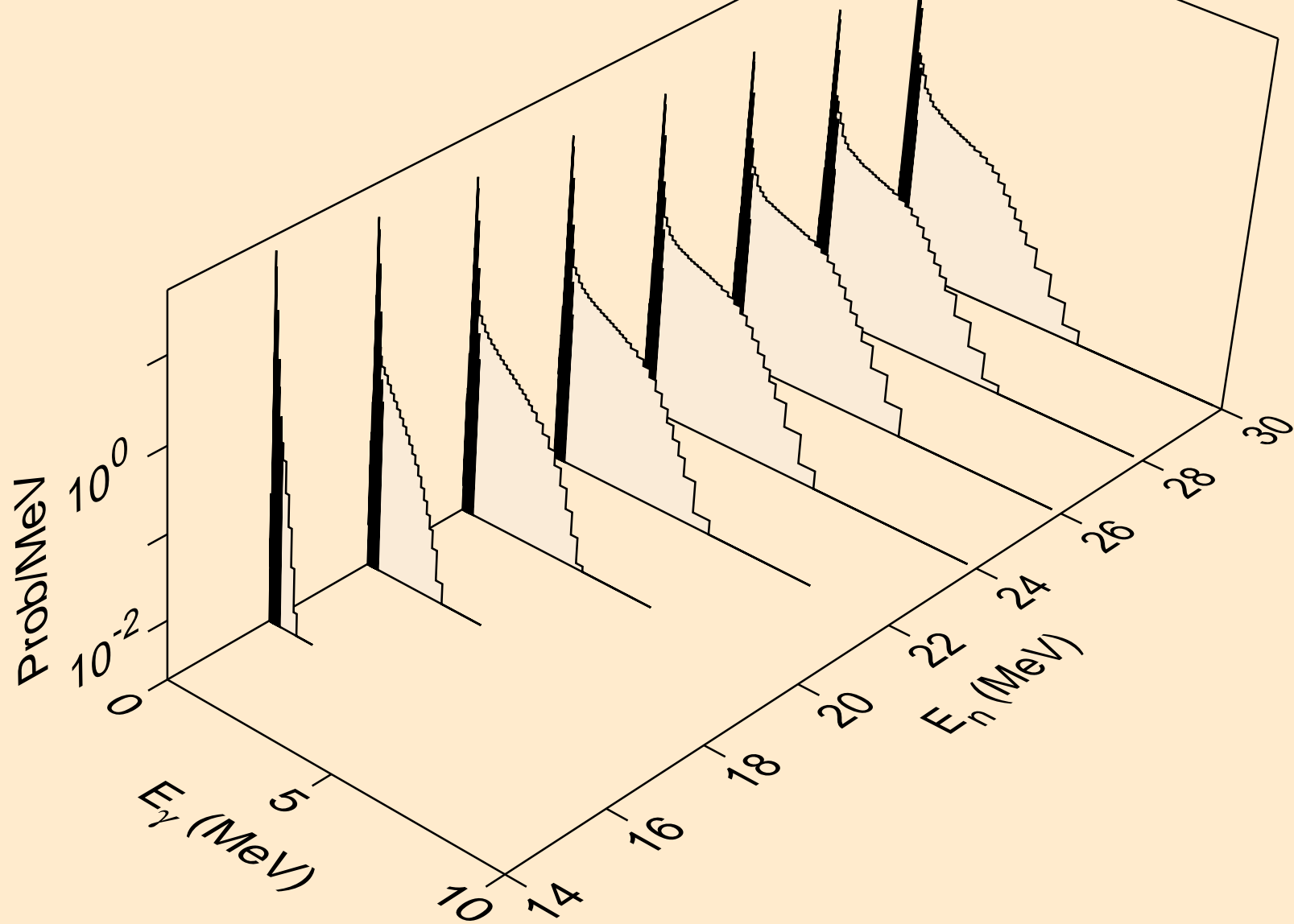
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



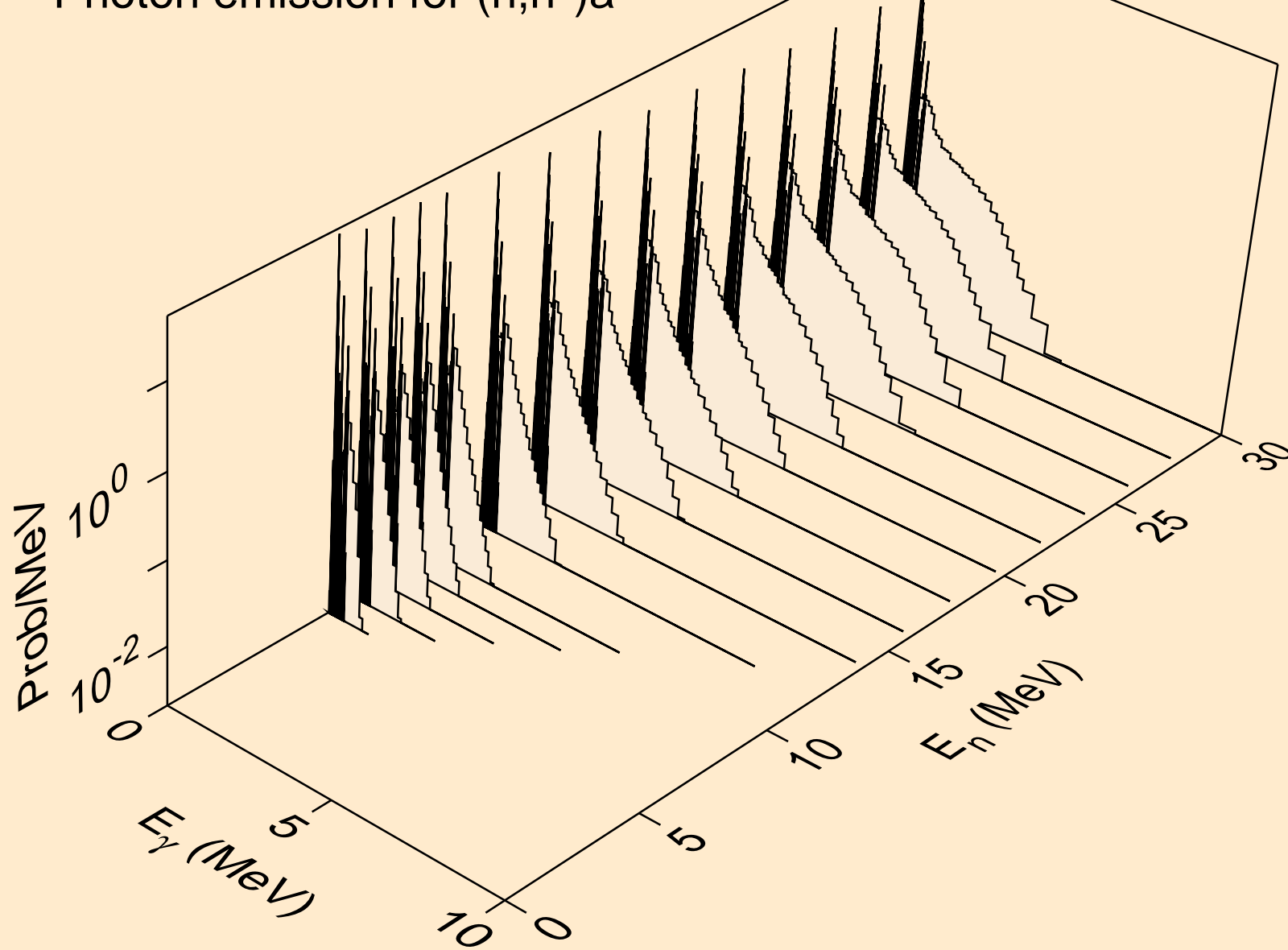
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

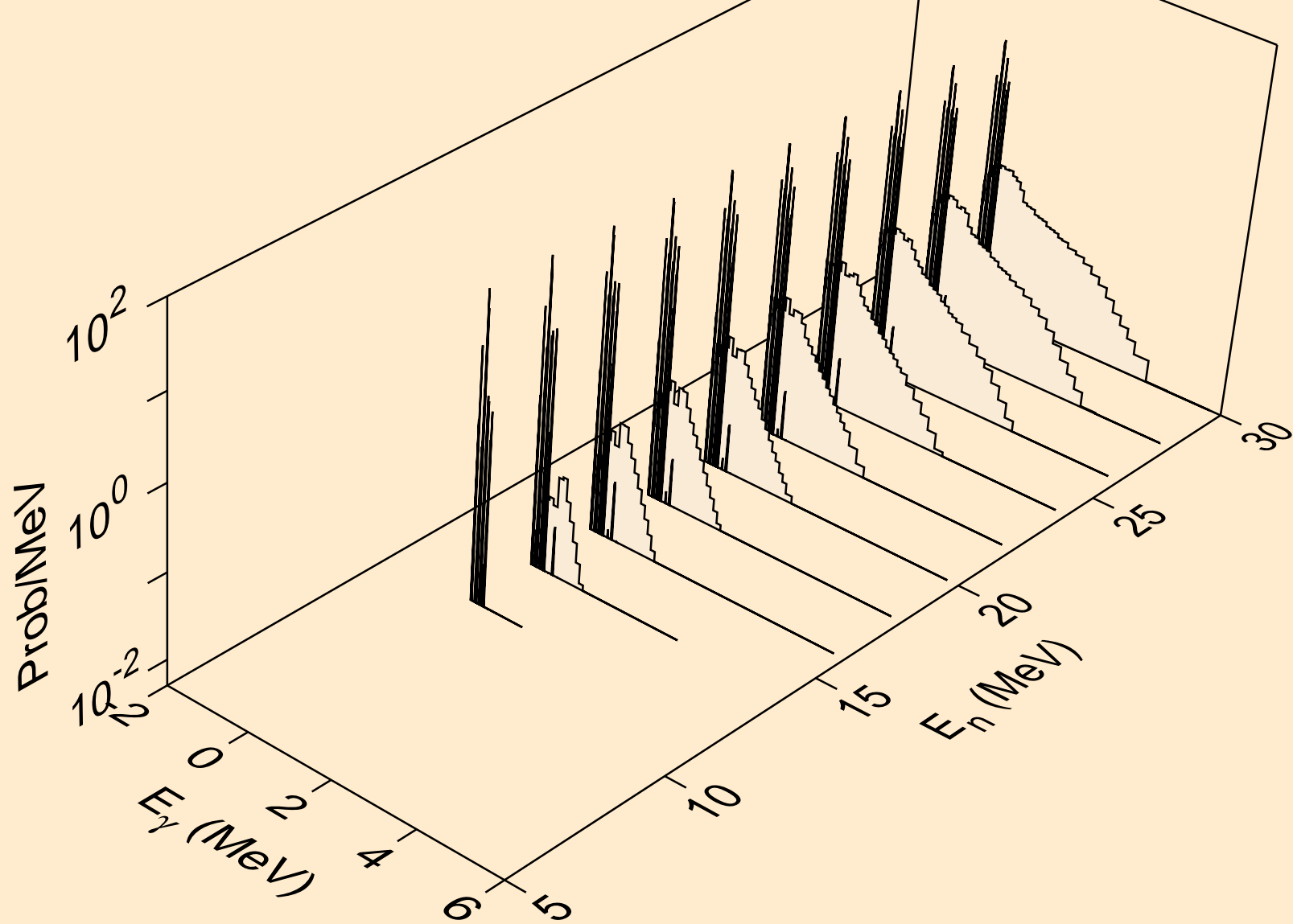


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

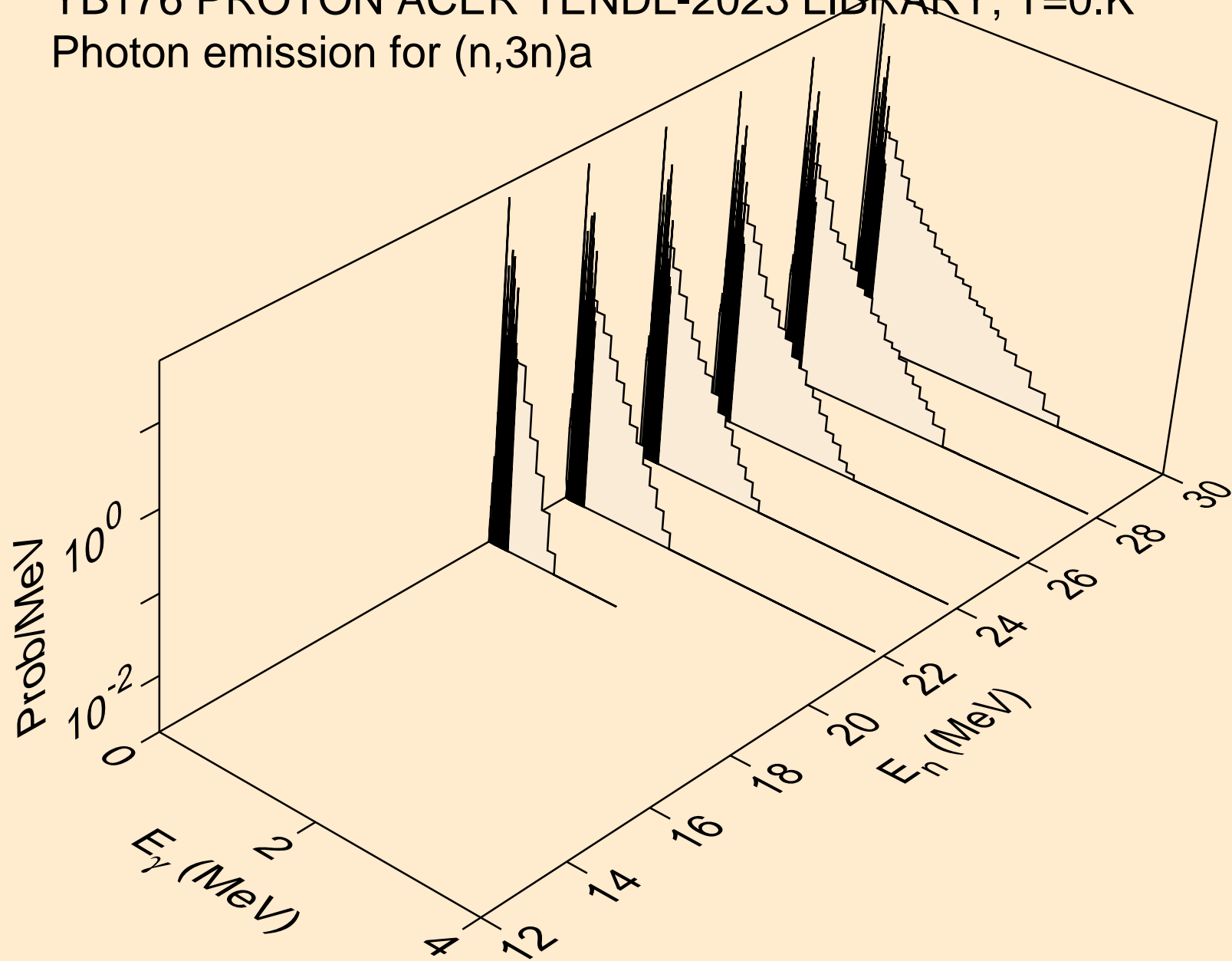




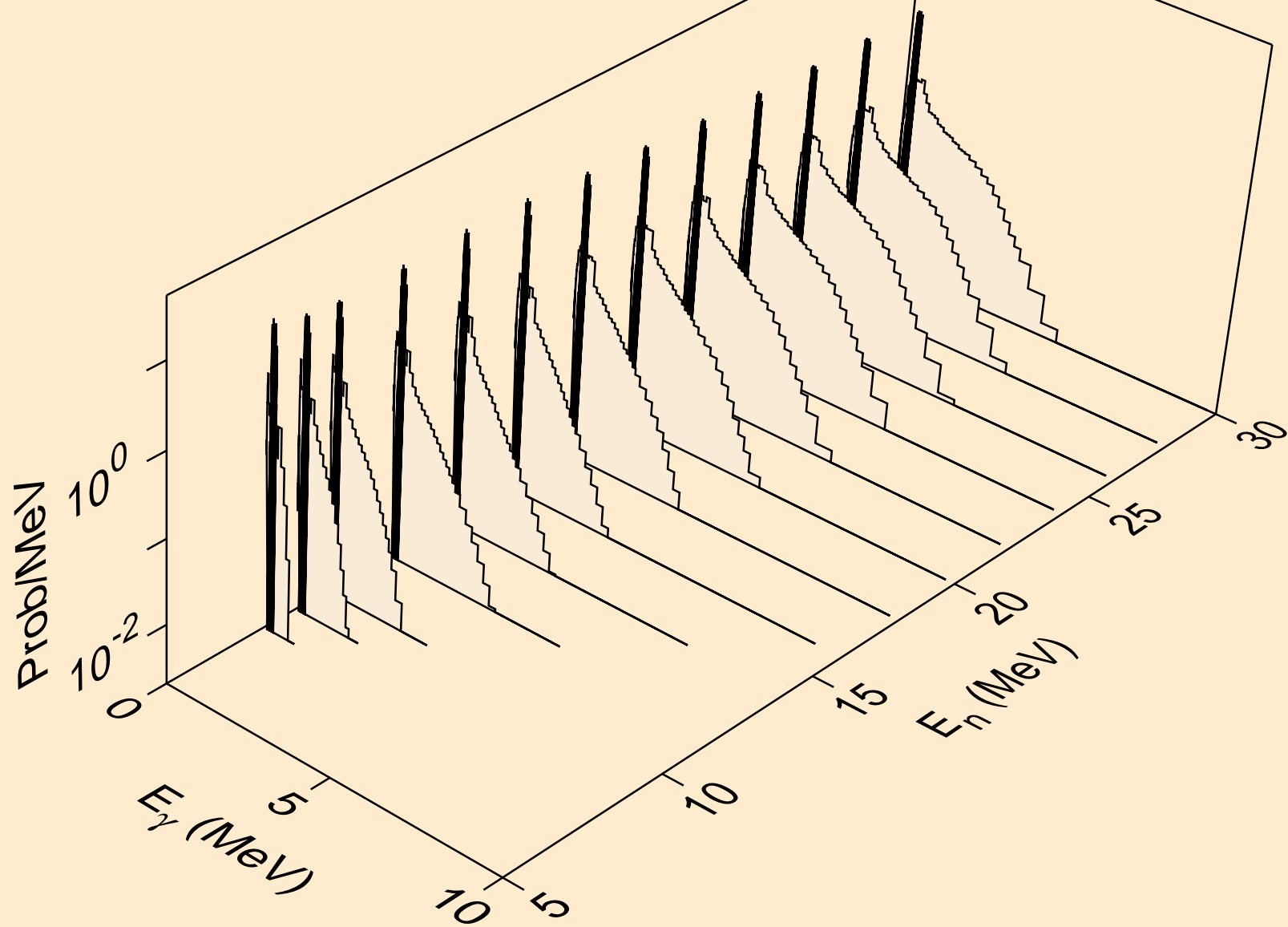
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Photon emission for (n,2n)a



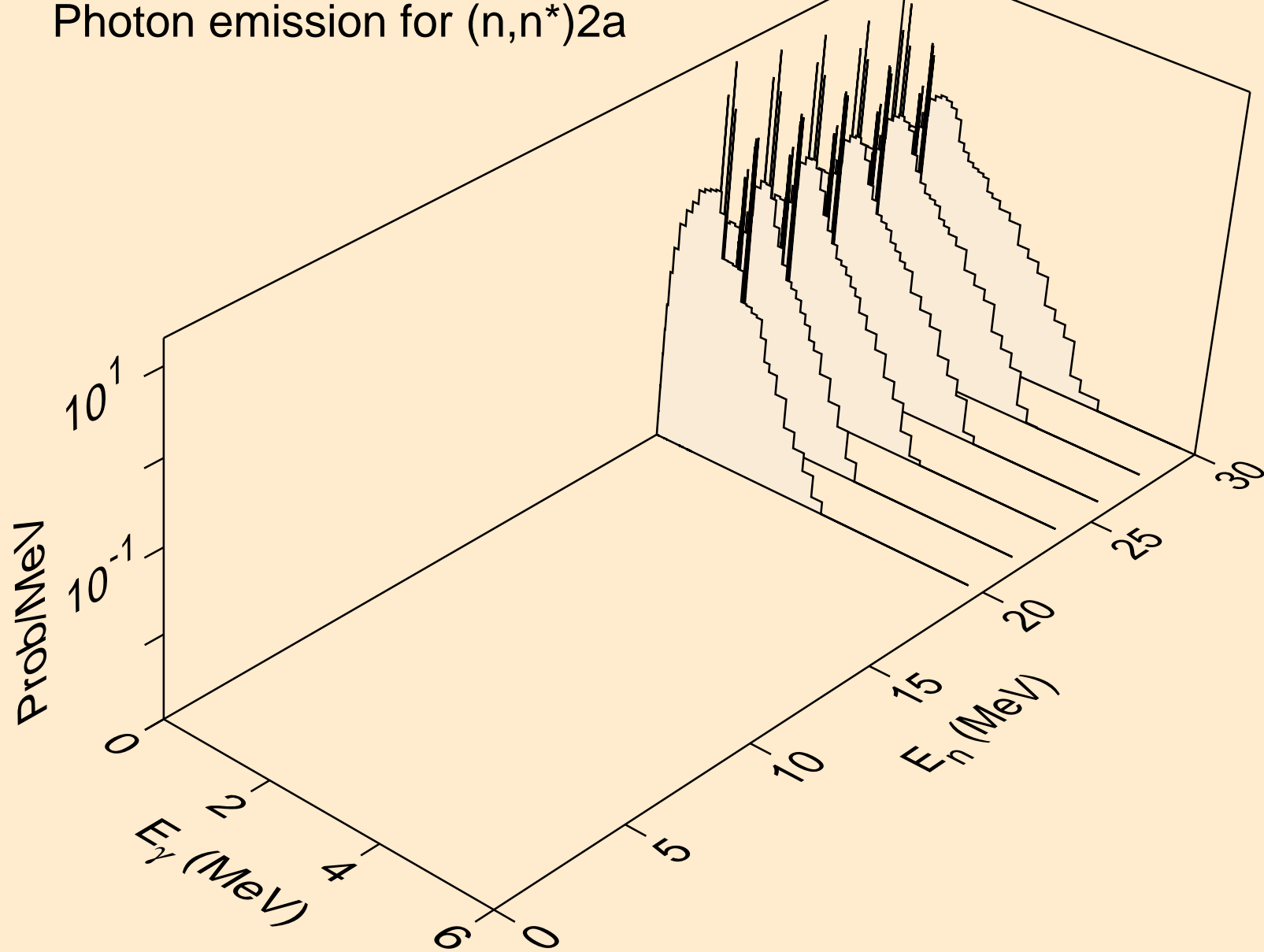
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Photon emission for (n,3n)a



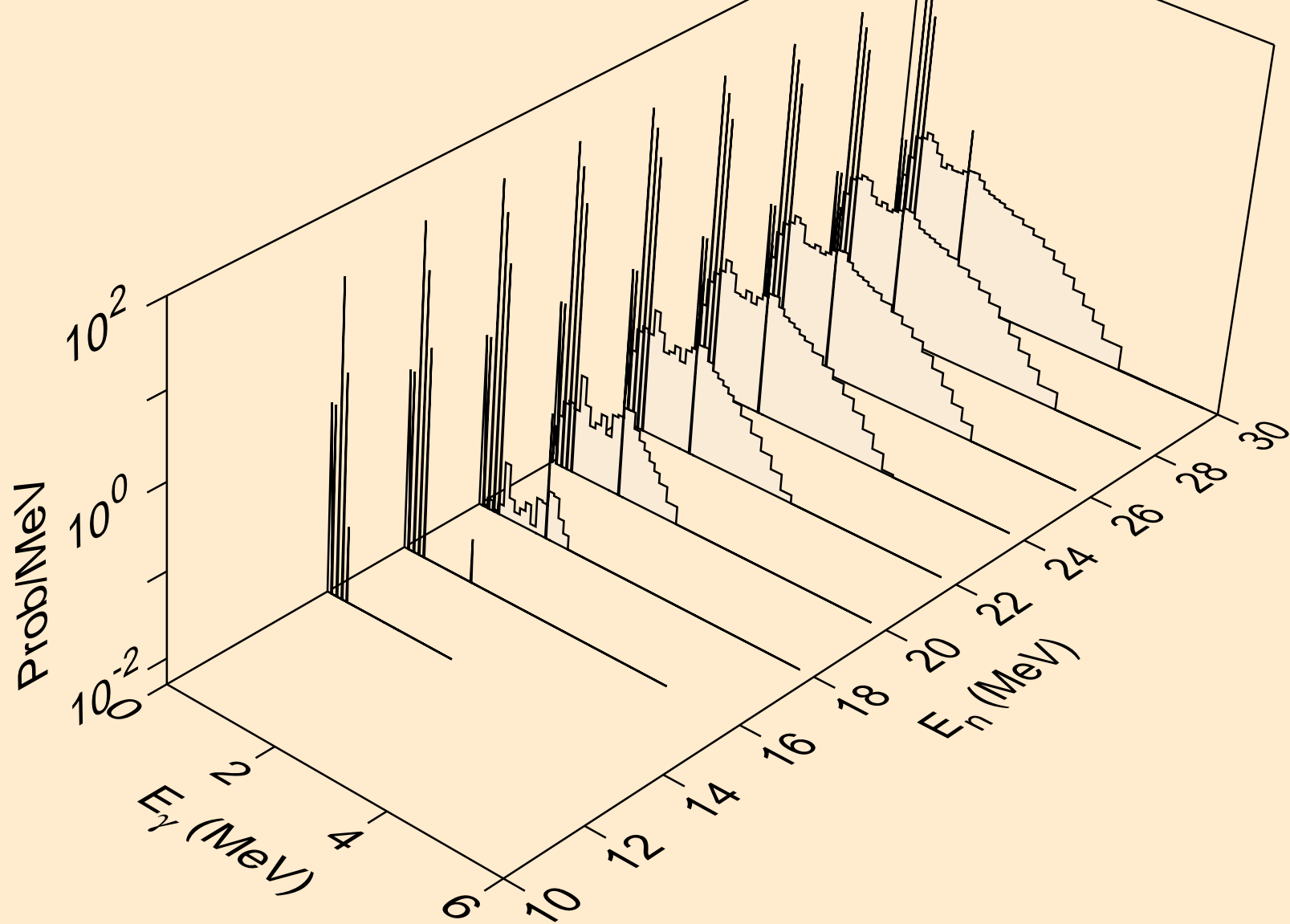
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



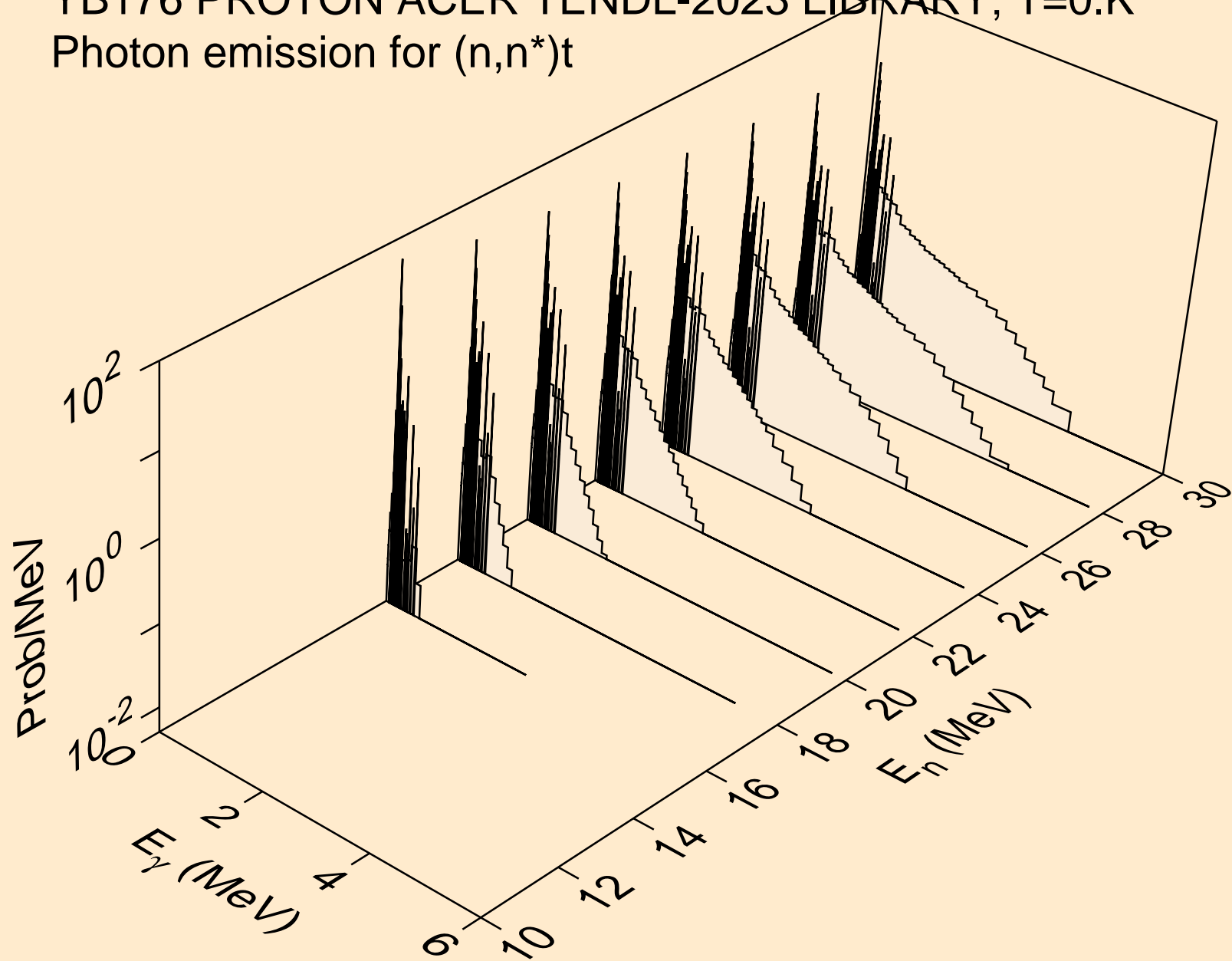
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Photon emission for (n,n\*)2a



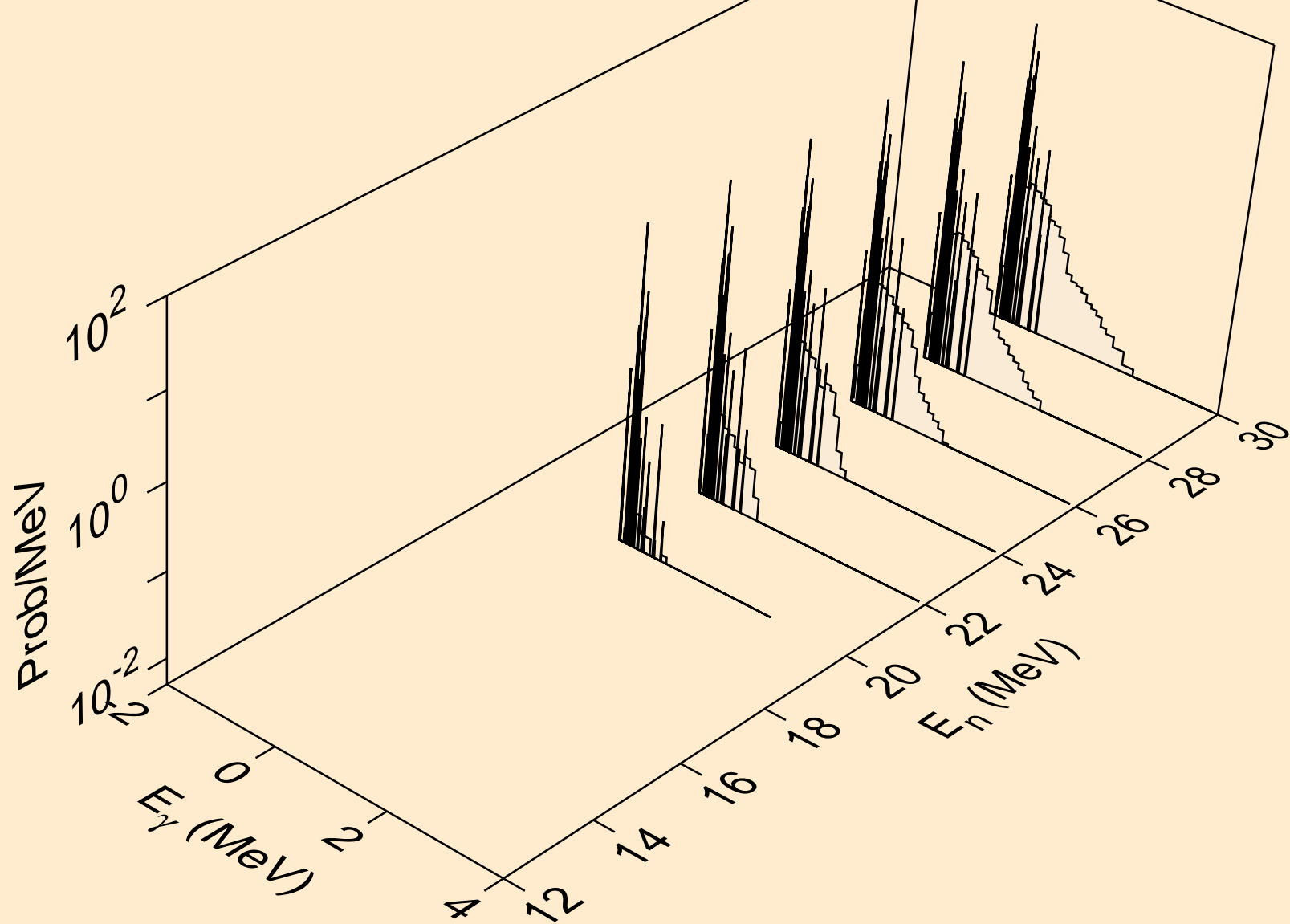
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Photon emission for (n,n\*)d



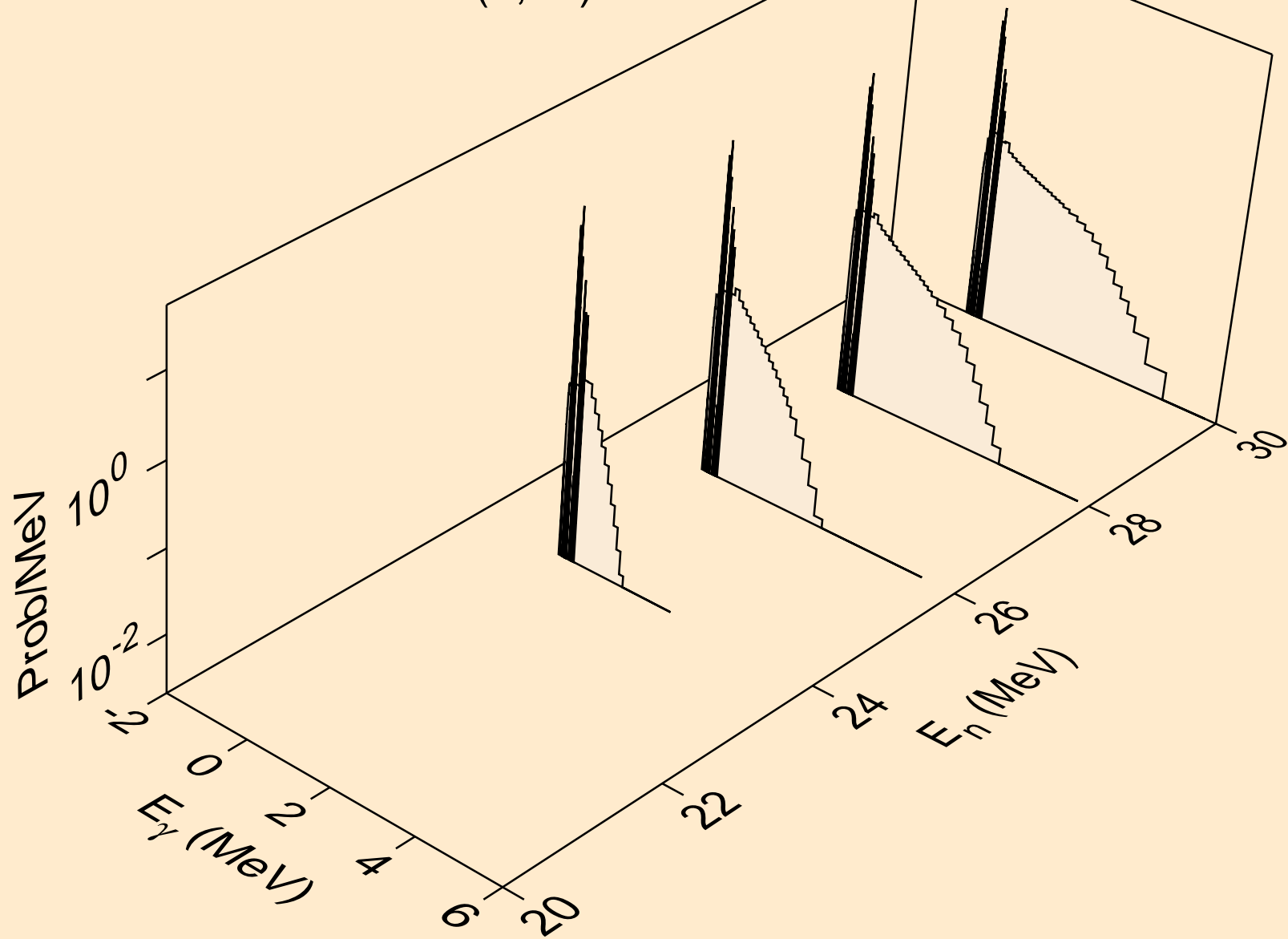
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

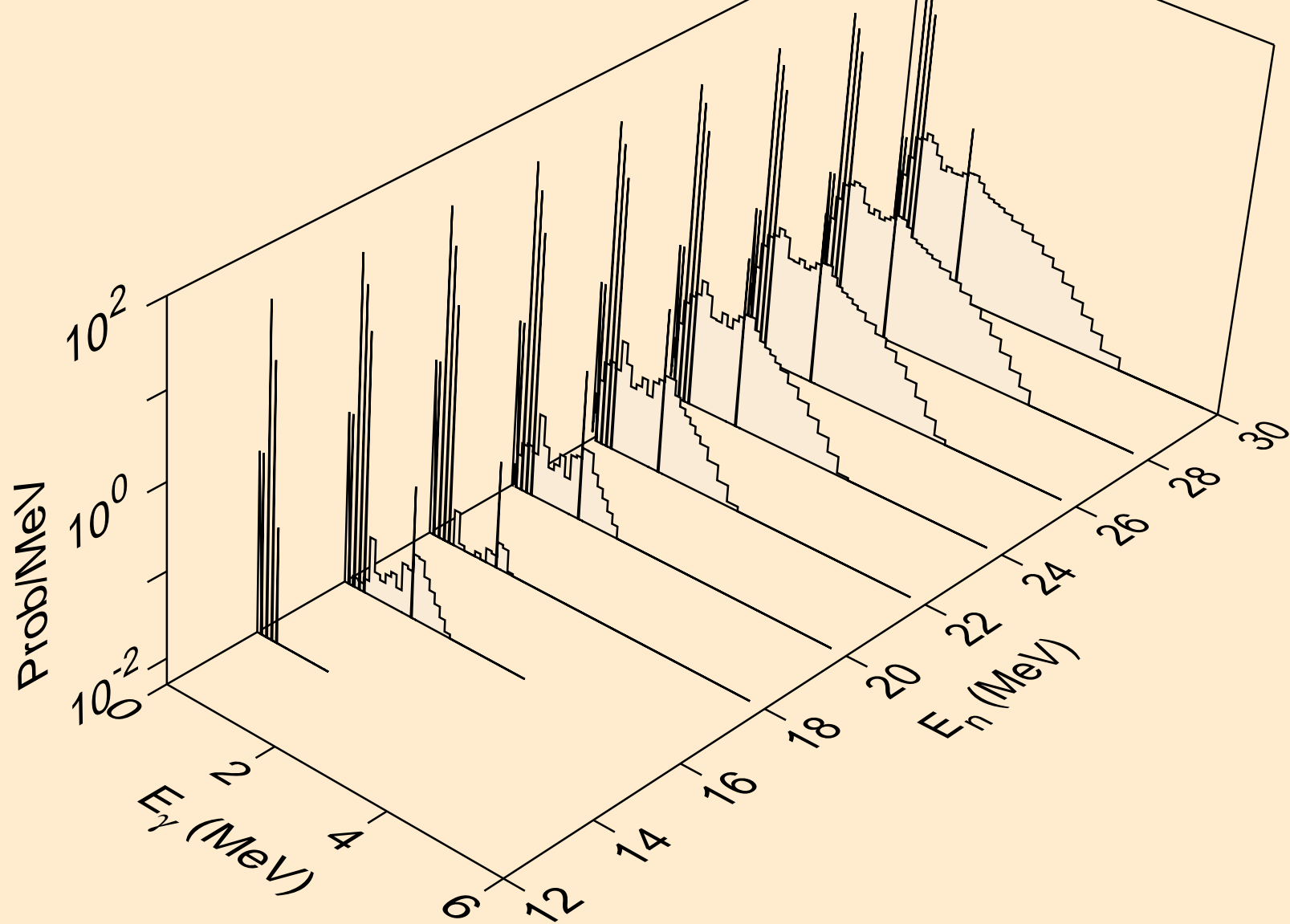


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Photon emission for (n,4n)

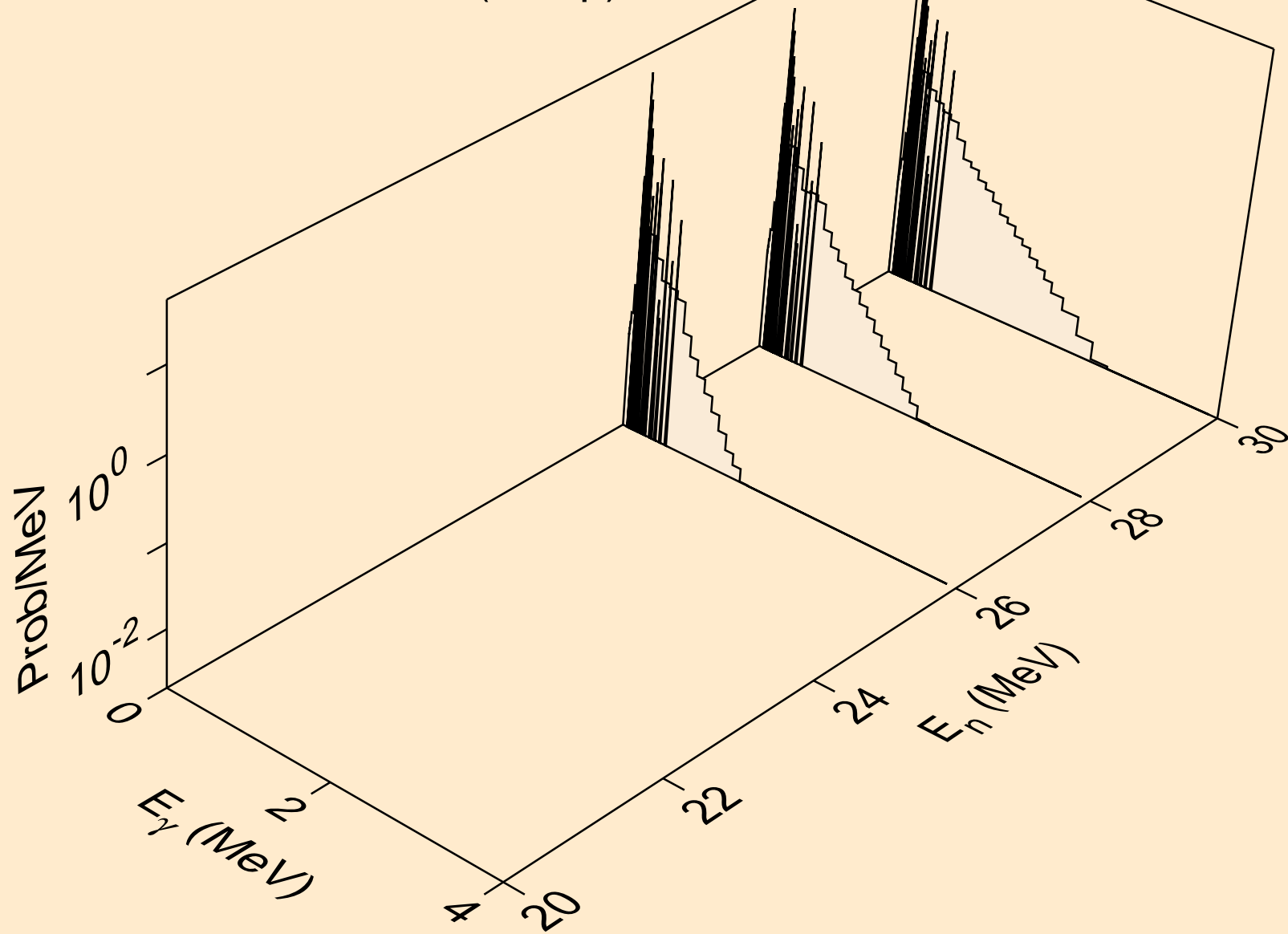




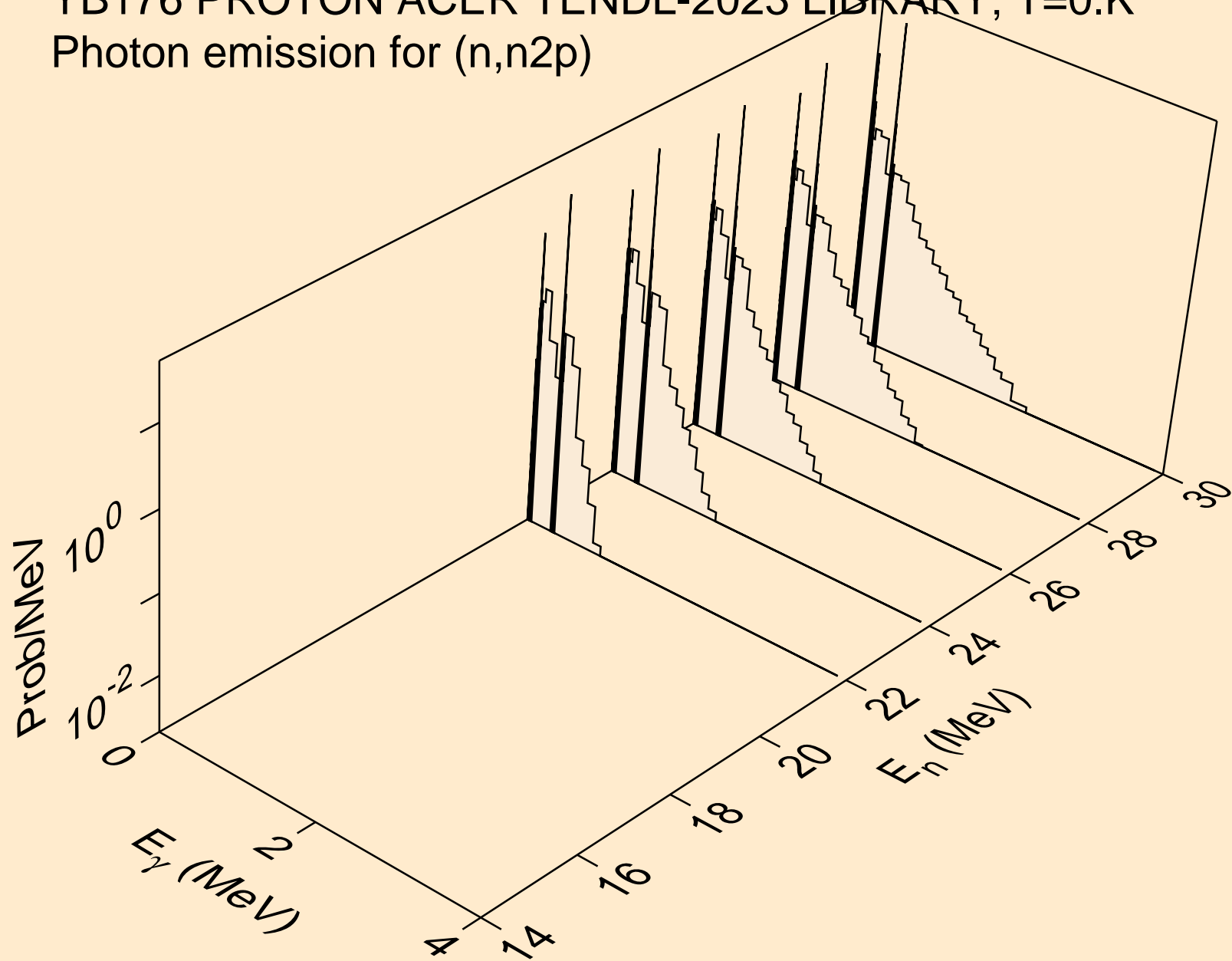
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Photon emission for (n,2np)



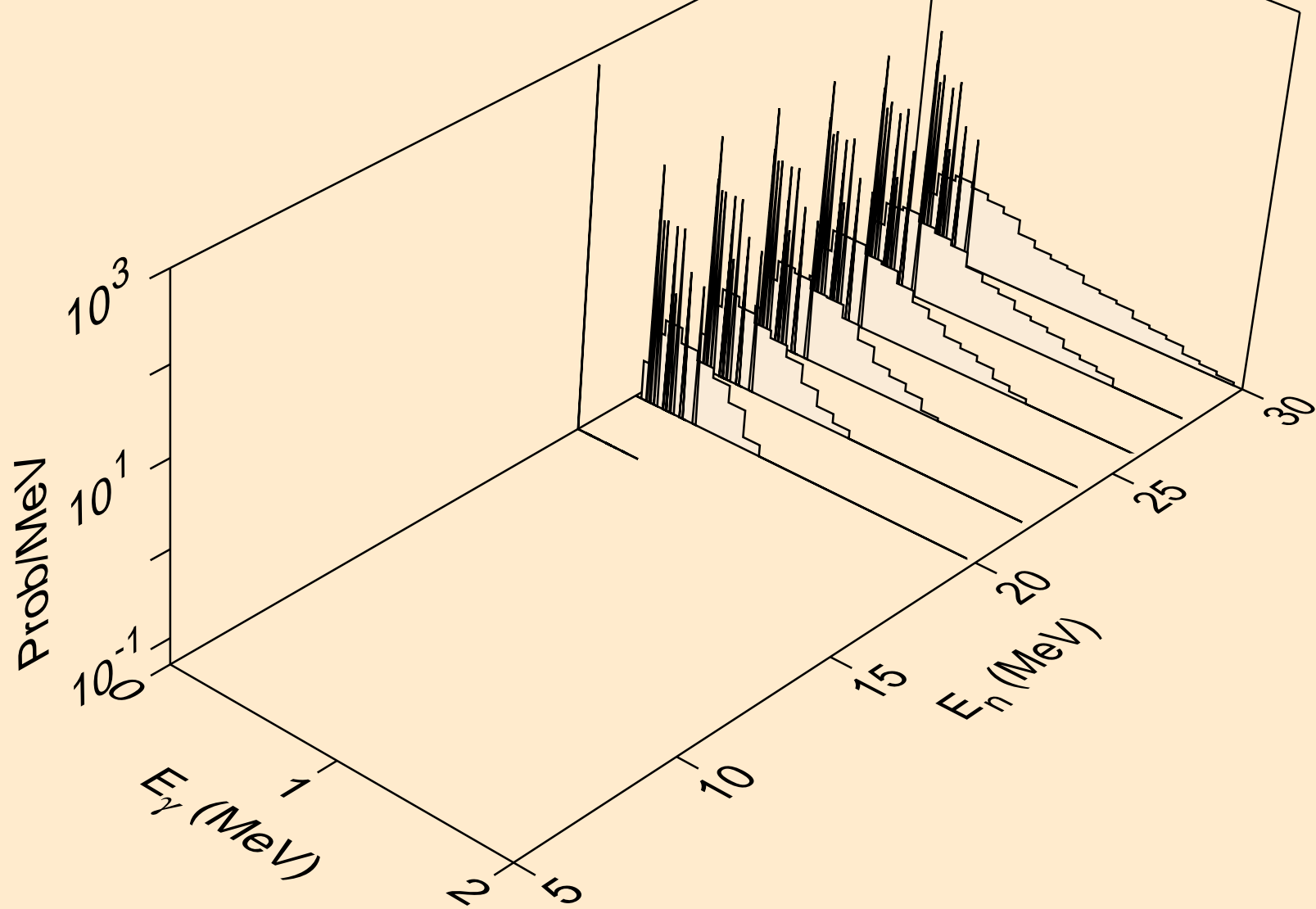
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Photon emission for (n,3np)



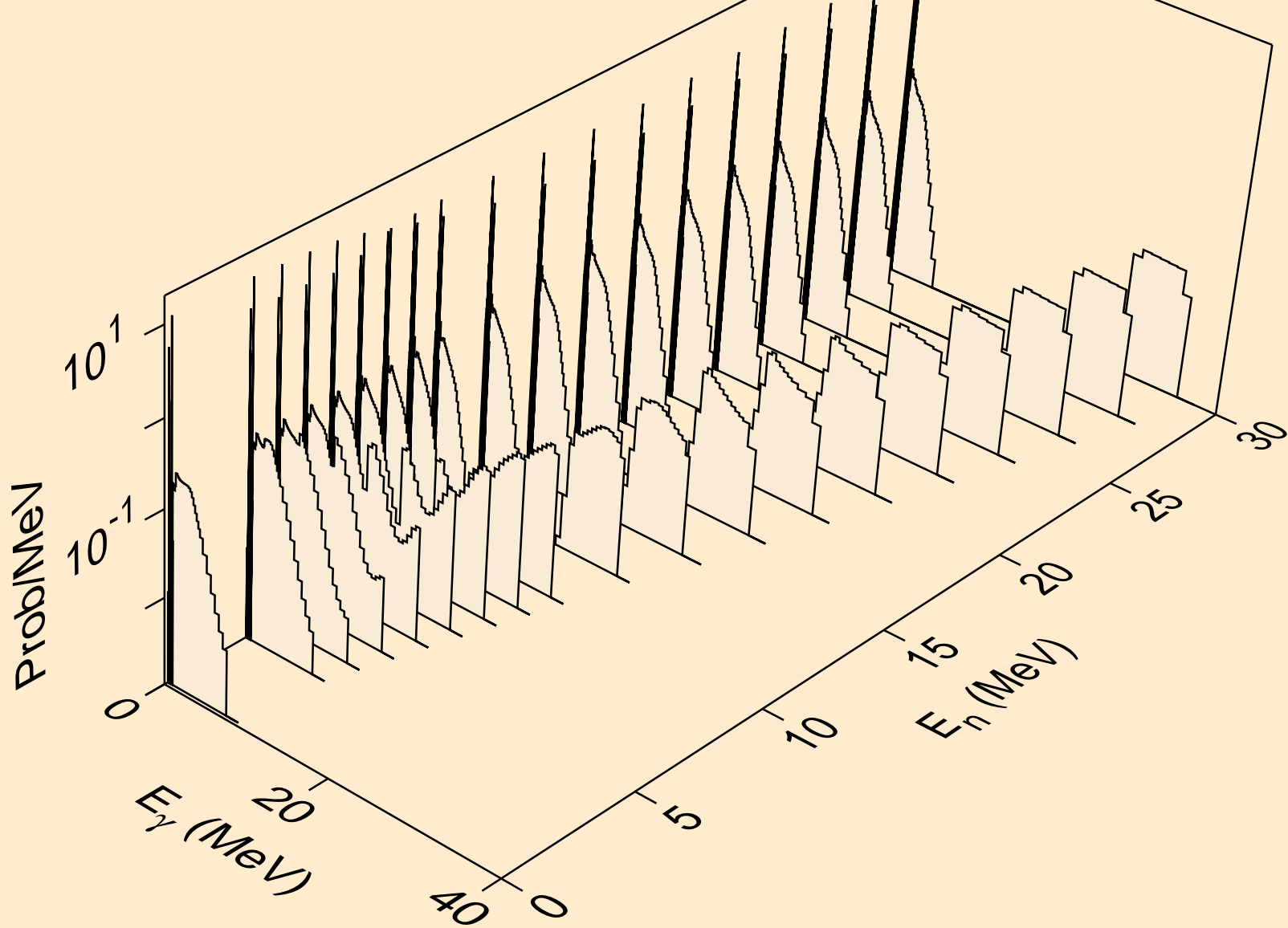
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Photon emission for (n,n2p)



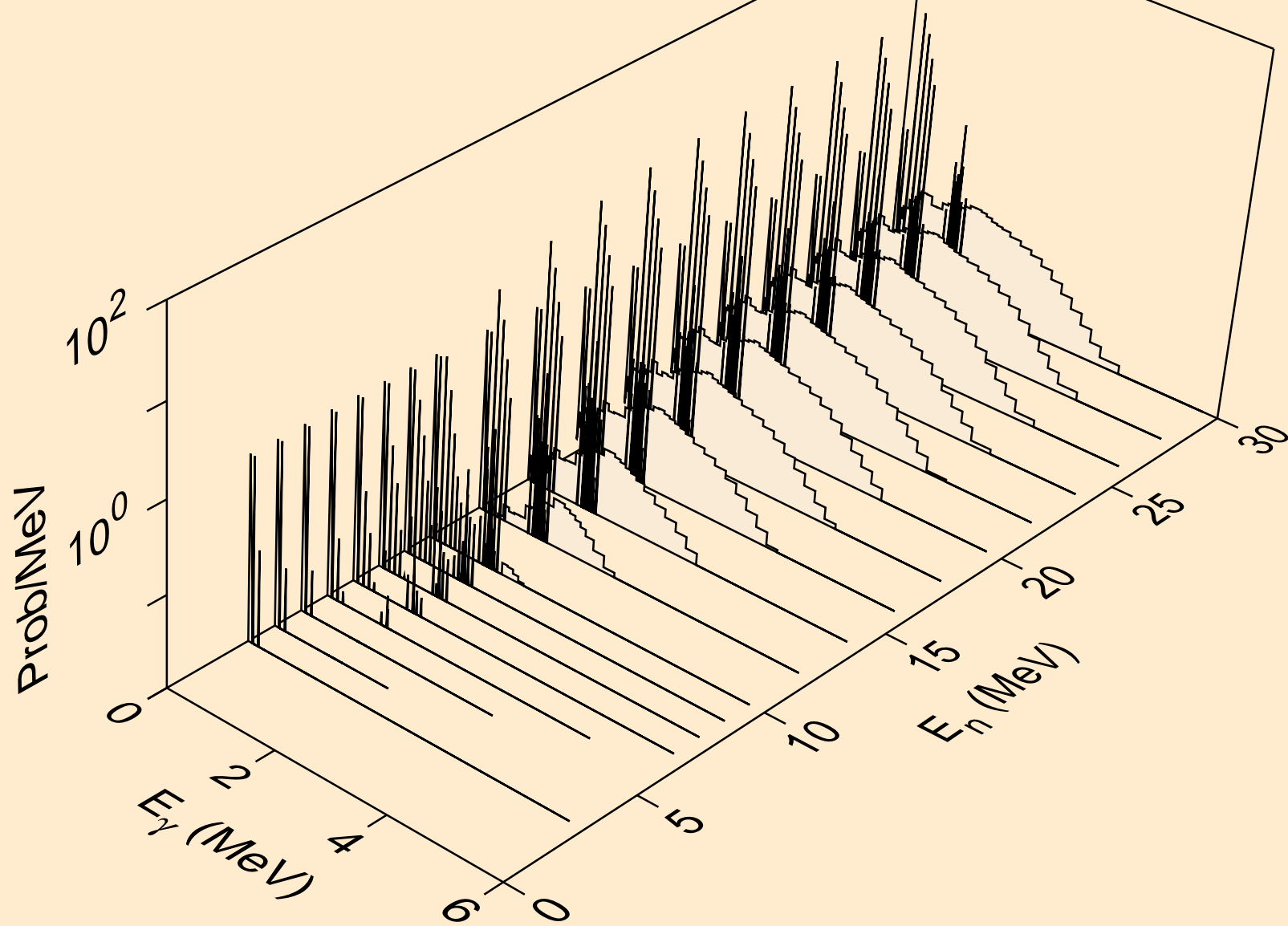
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Photon emission for (n,npa)



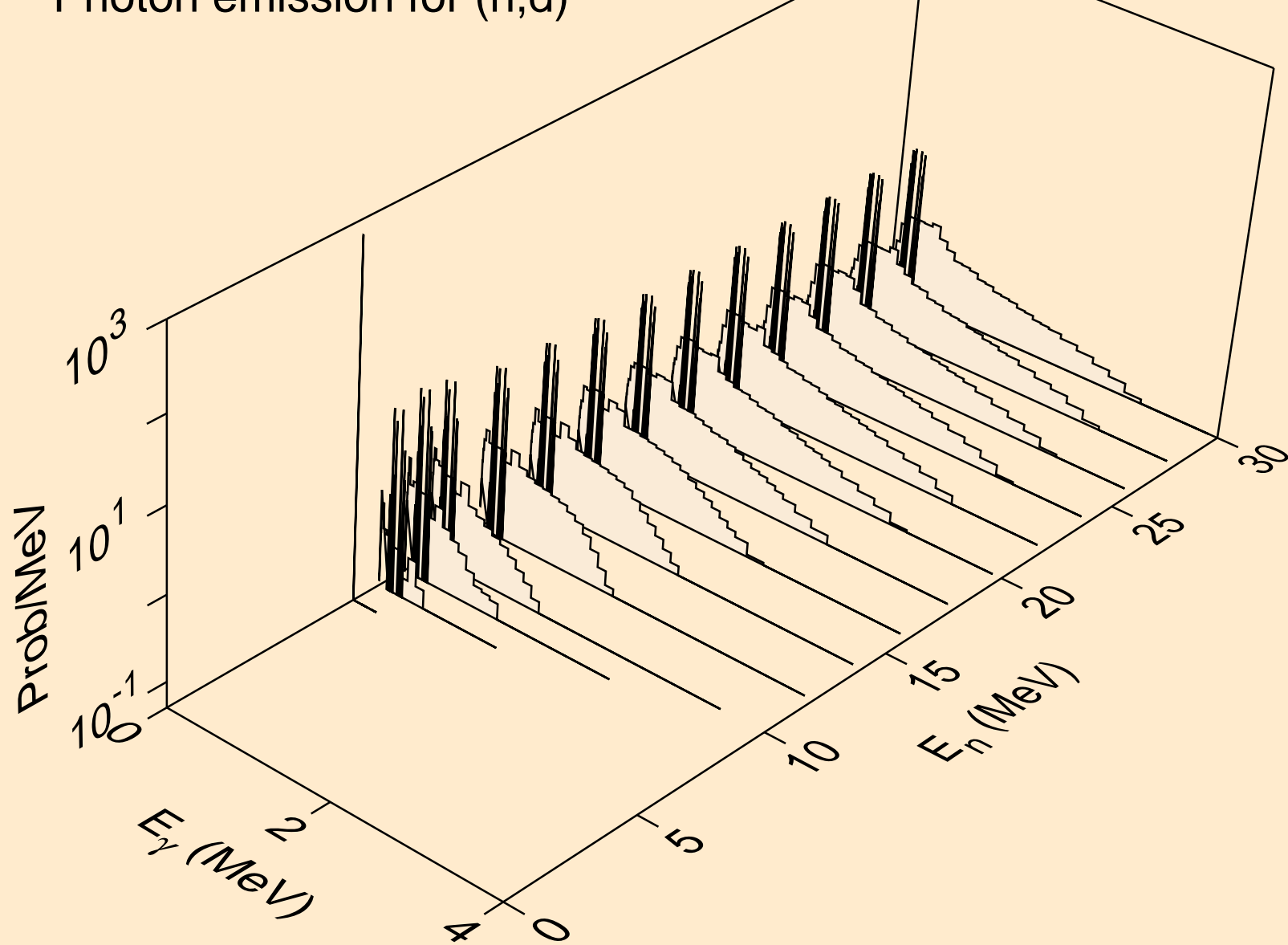
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Photon emission for (n,gma)



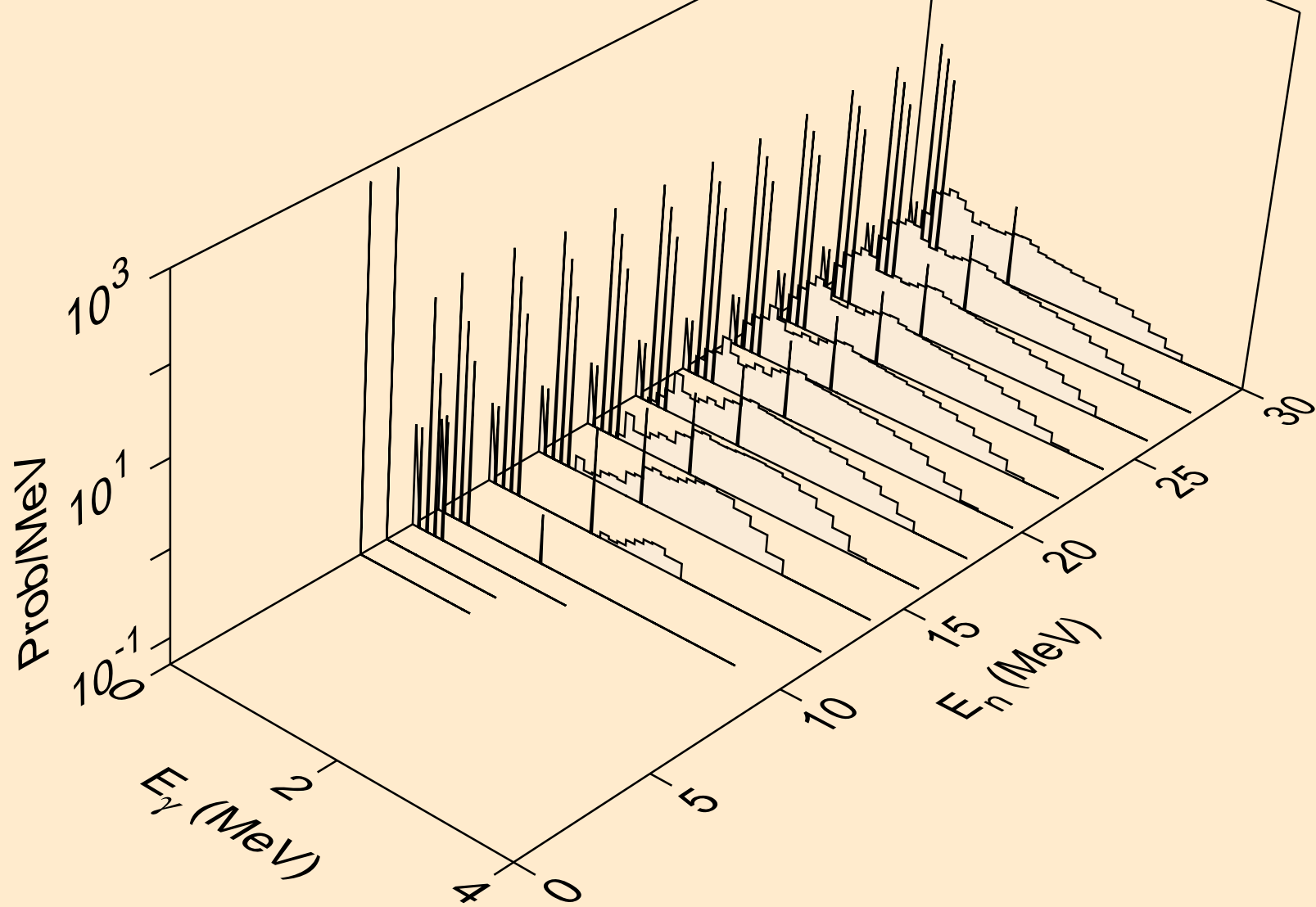
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

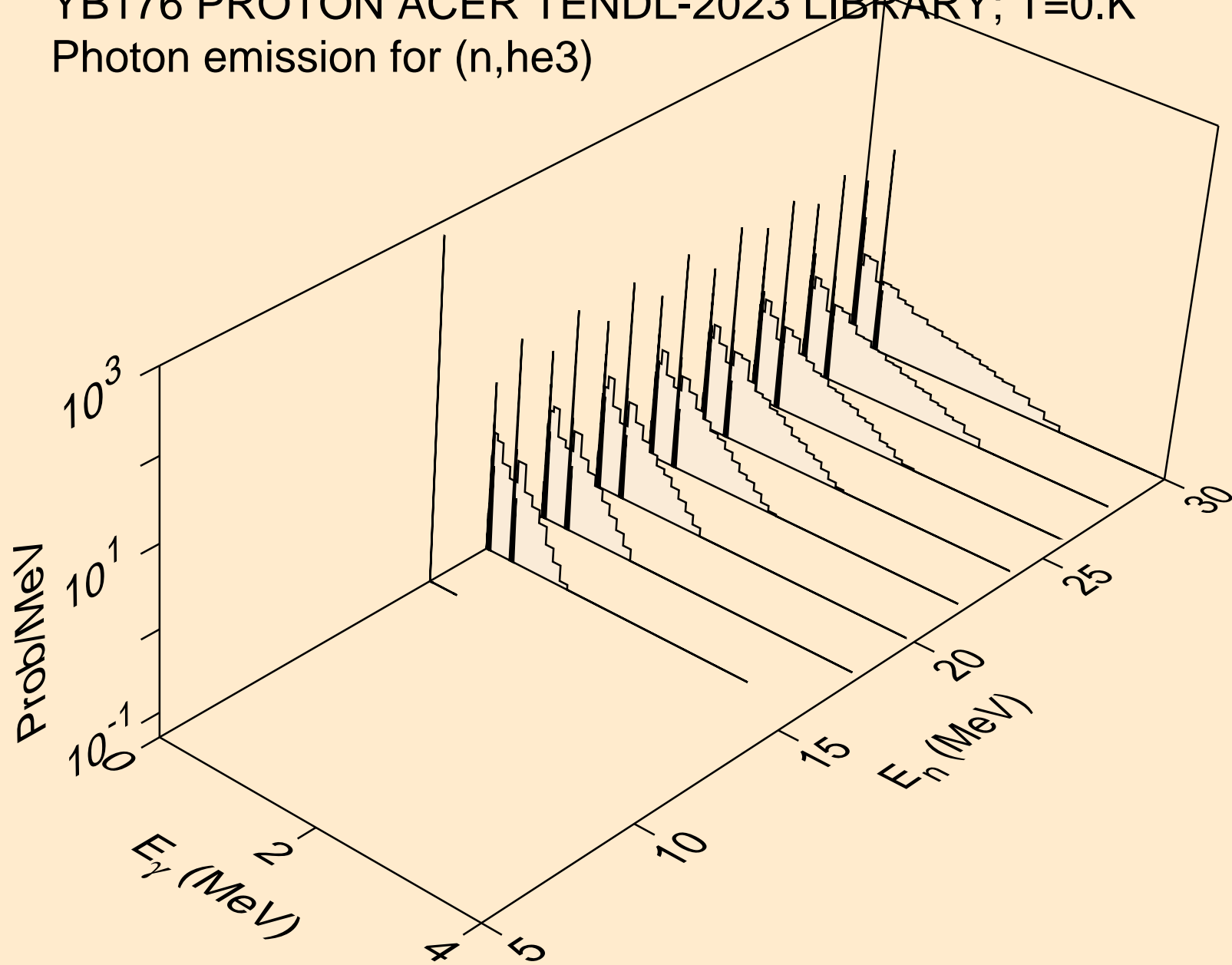


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Photon emission for (n,t)

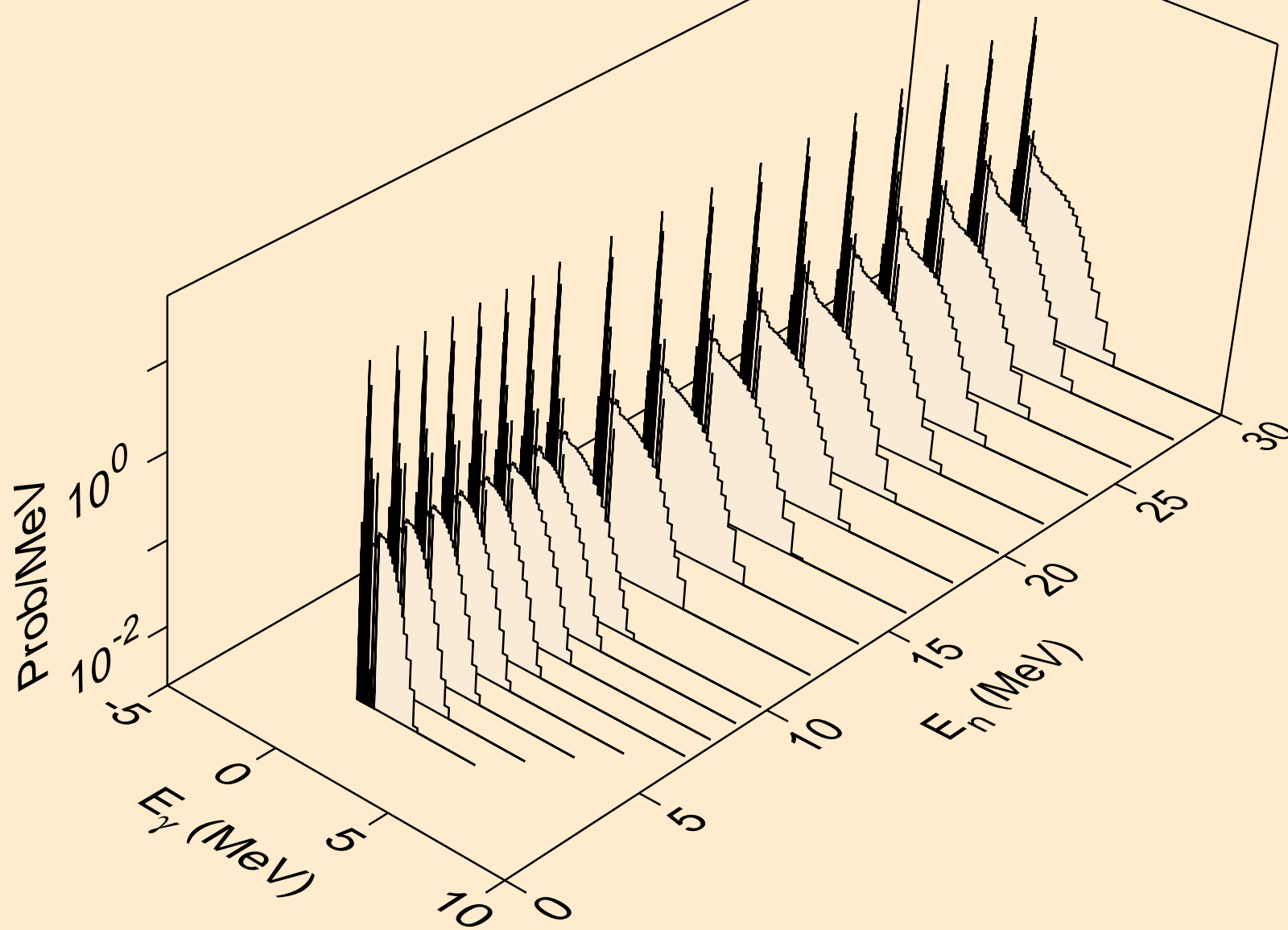




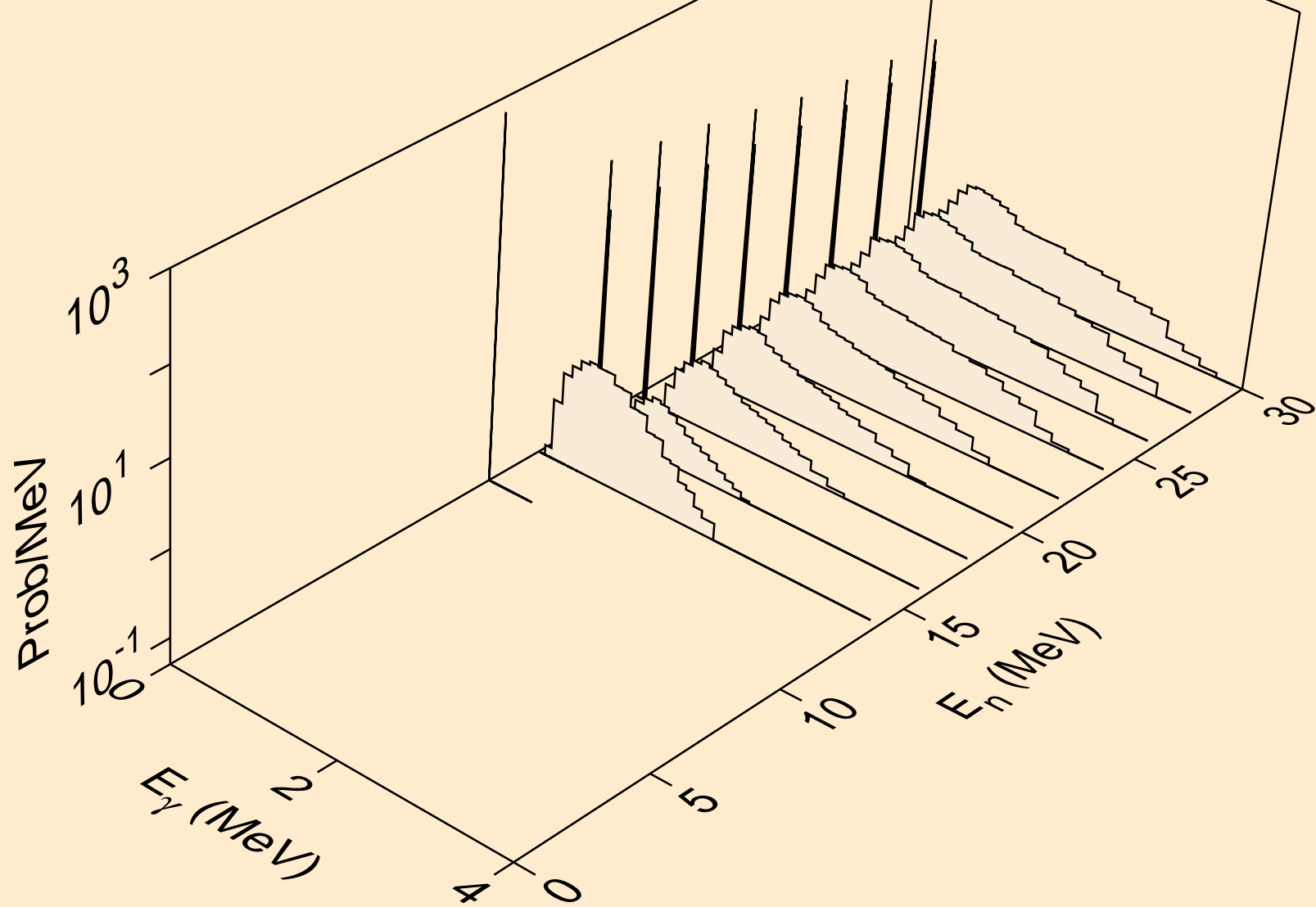
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Photon emission for (n,he3)



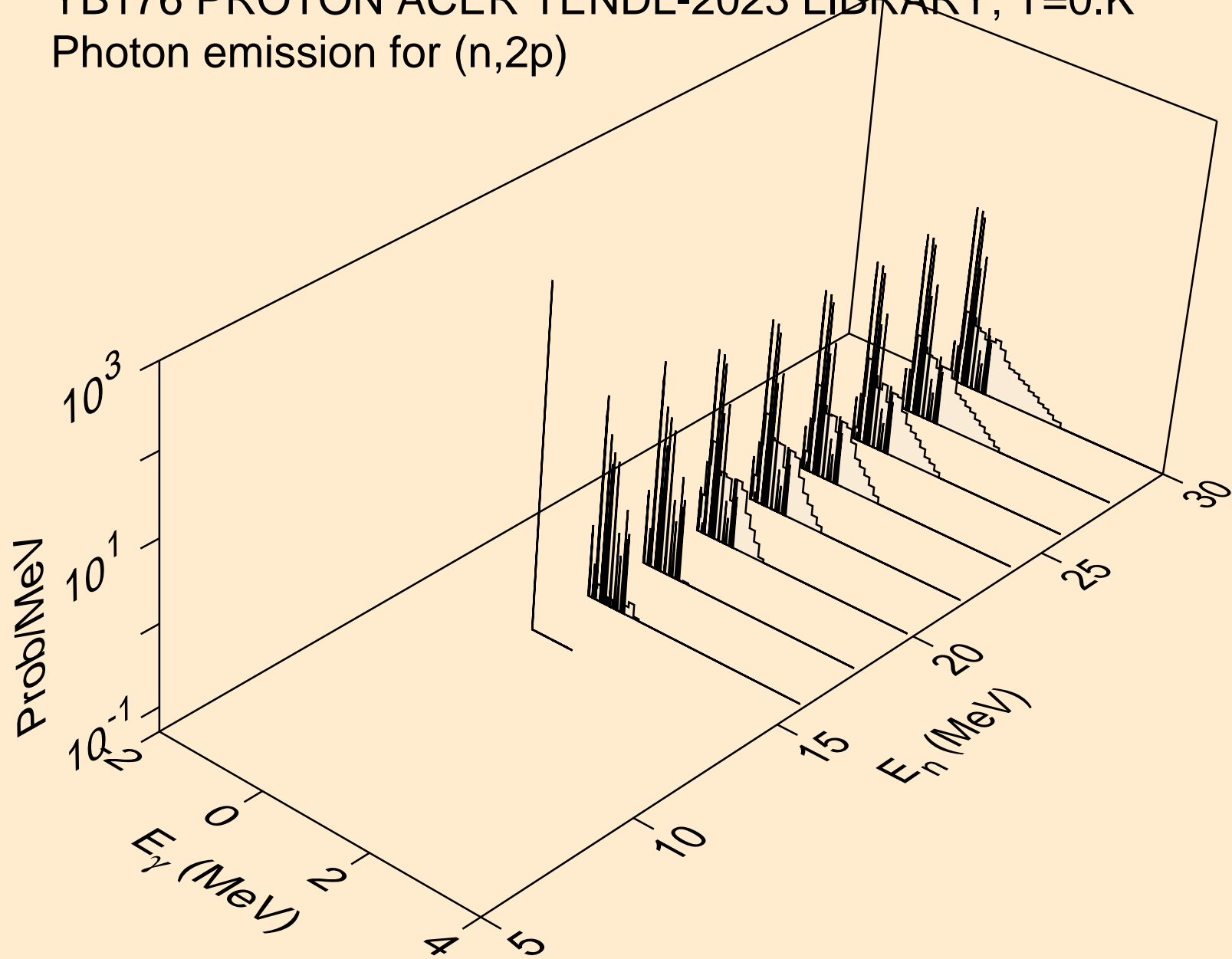
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Photon emission for (n,a)



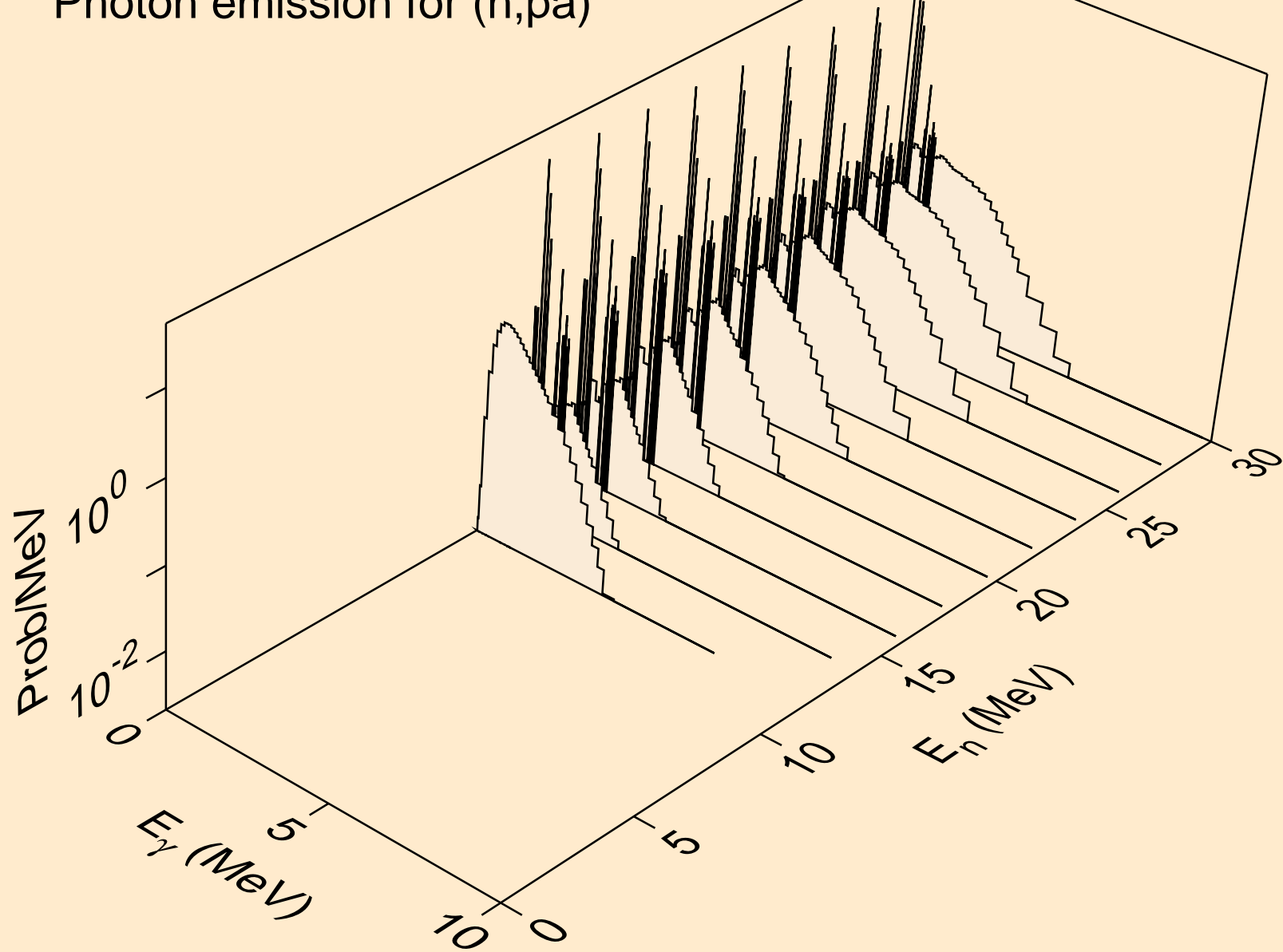
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Photon emission for (n,2a)



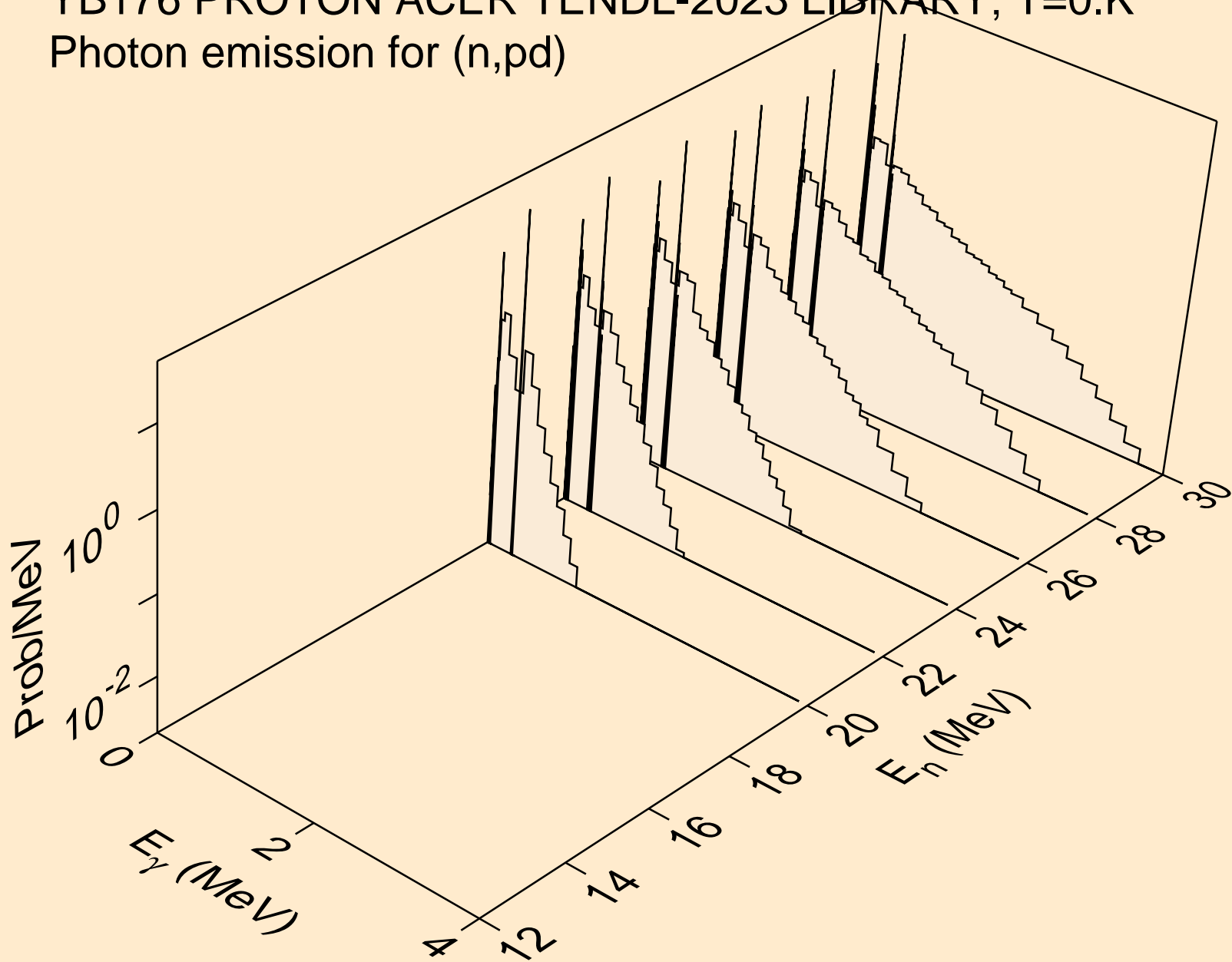
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Photon emission for (n,2p)



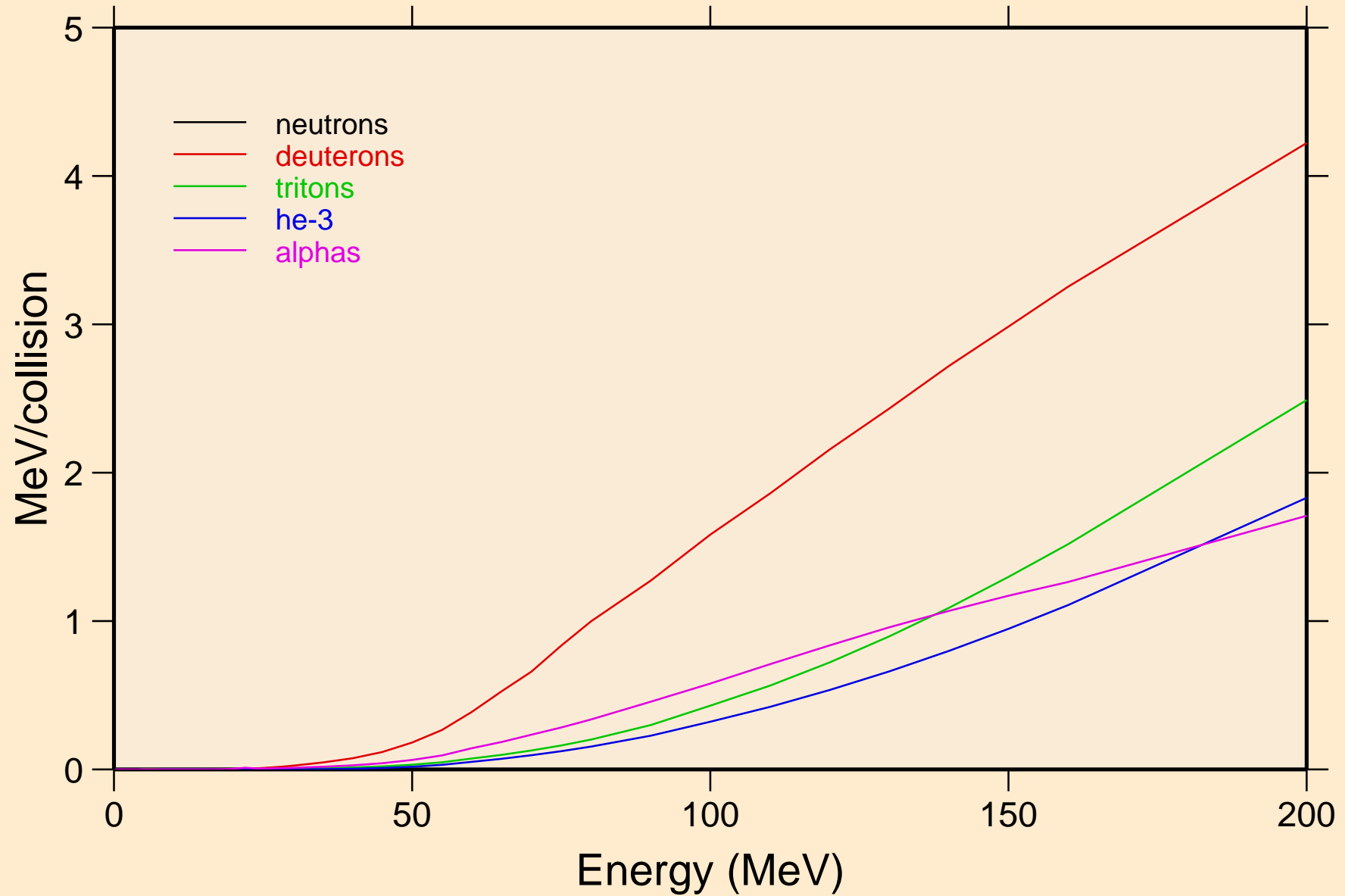
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

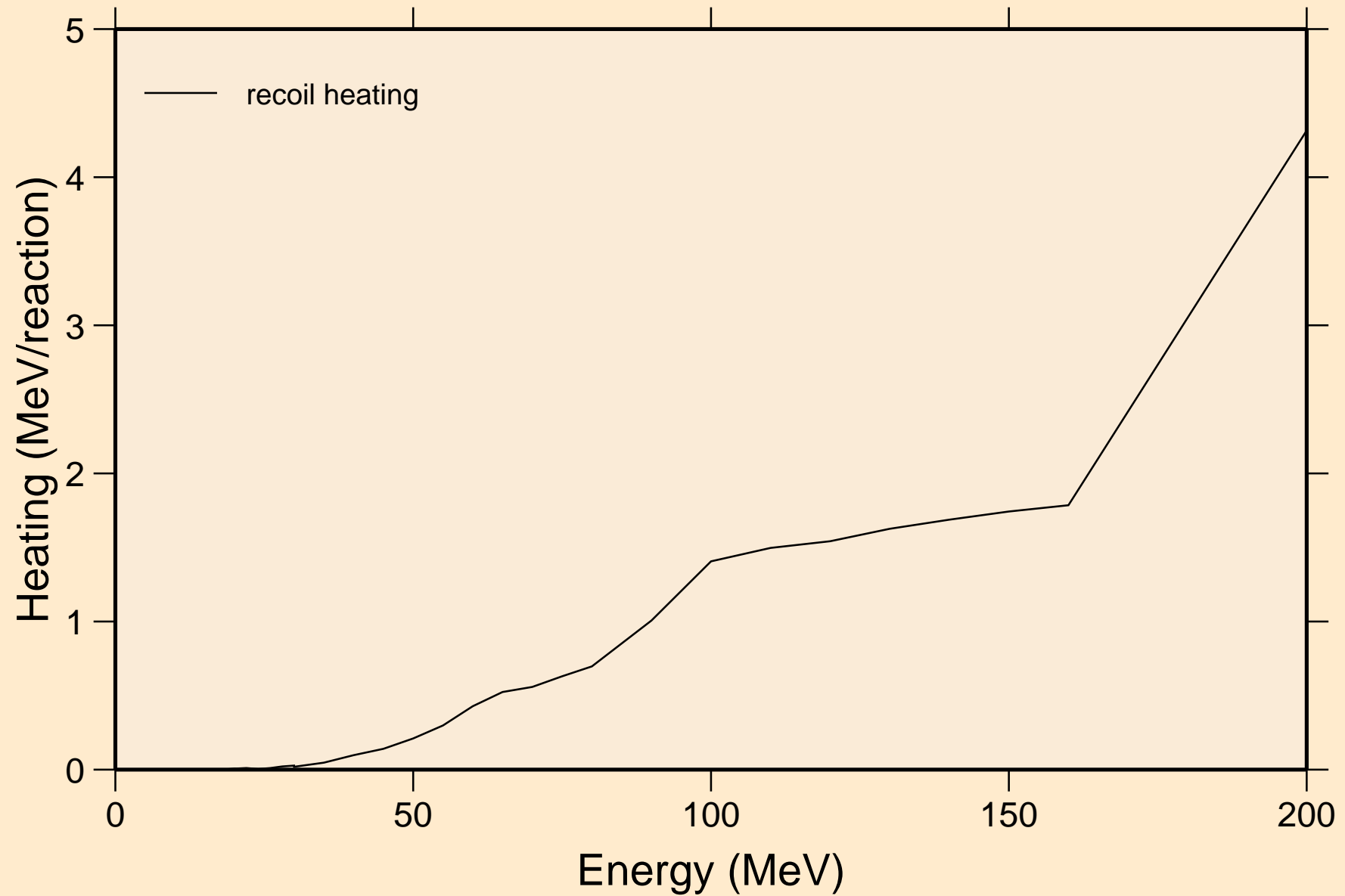


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

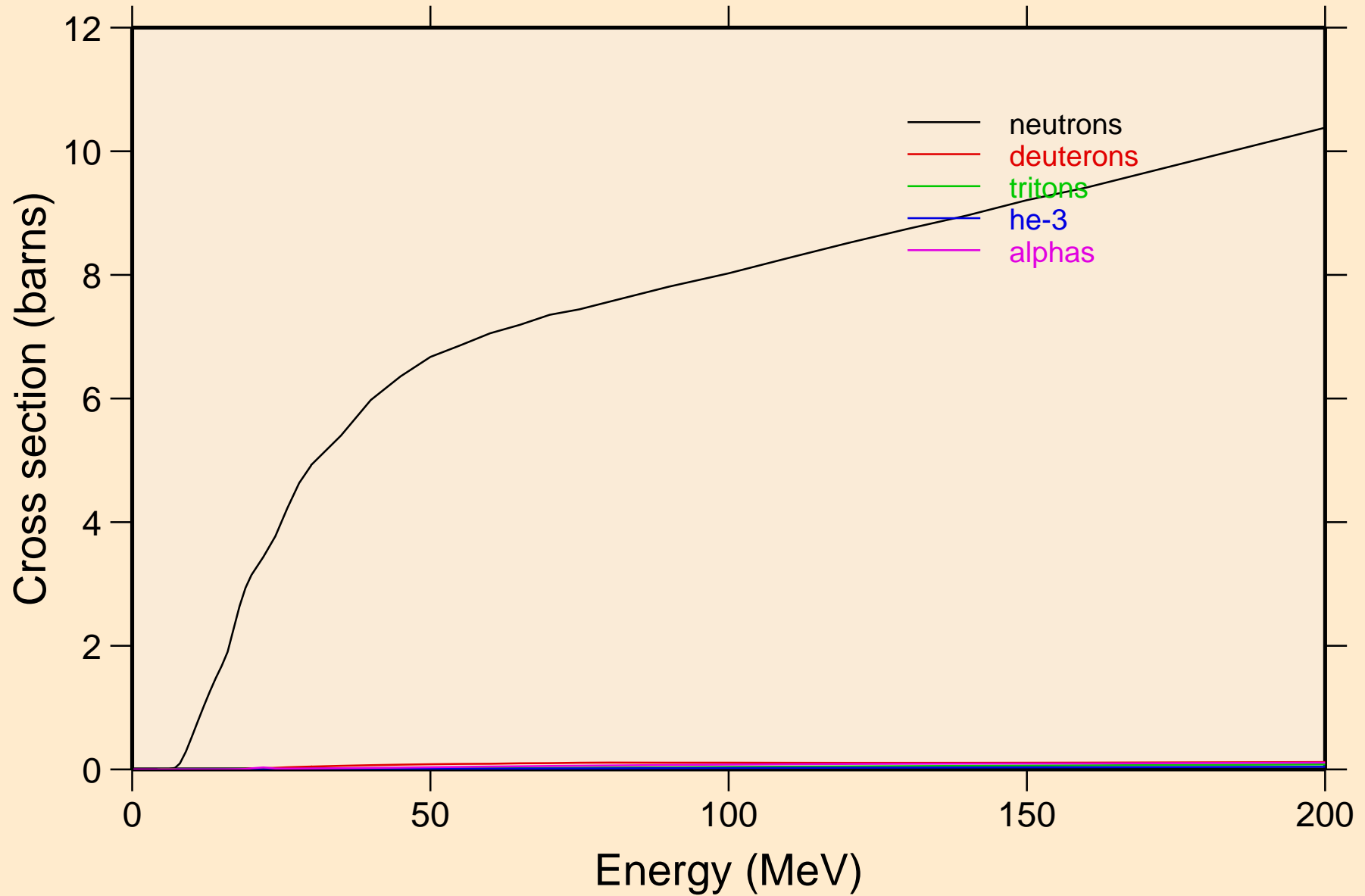
Recoil Heating



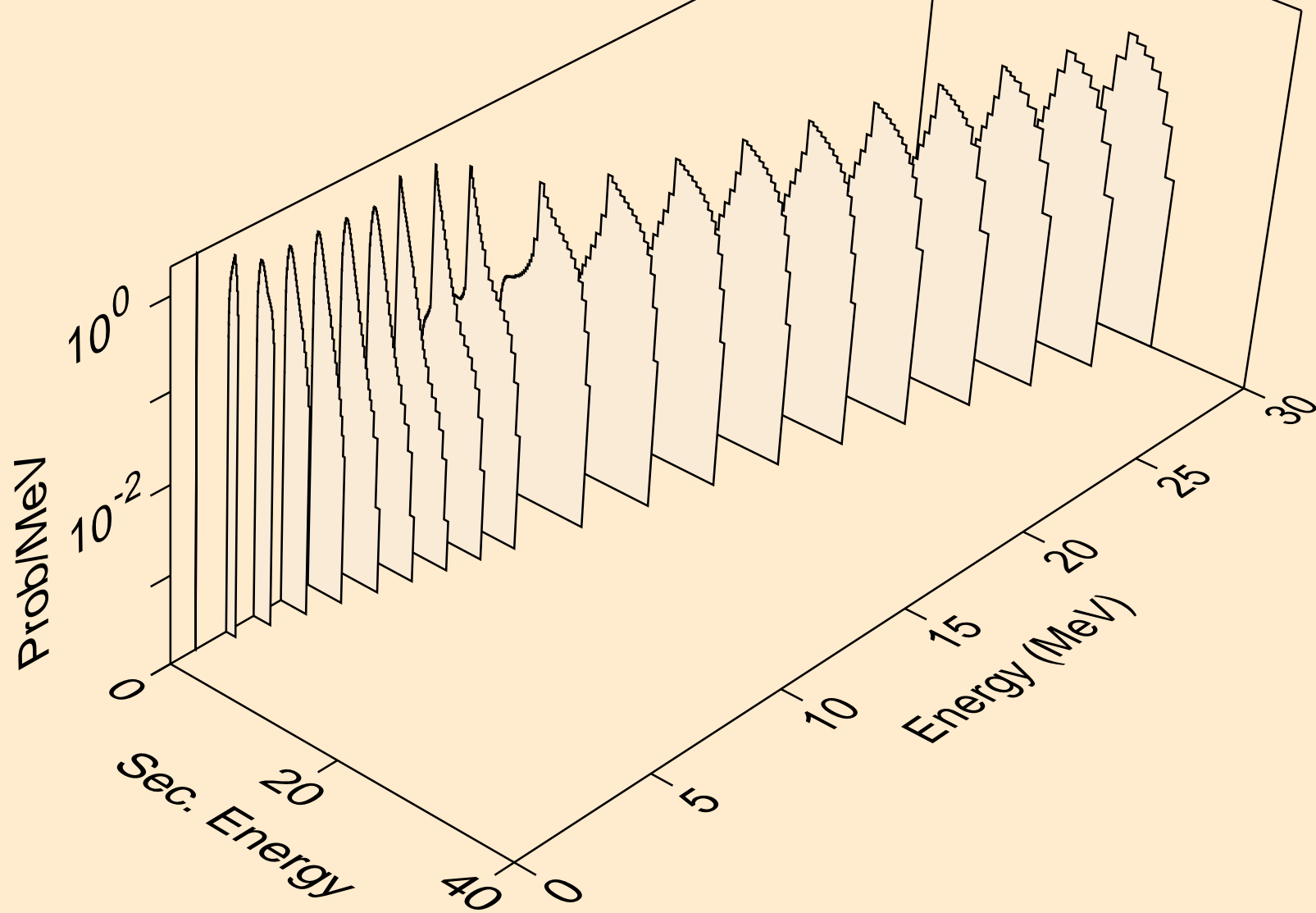


# YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K

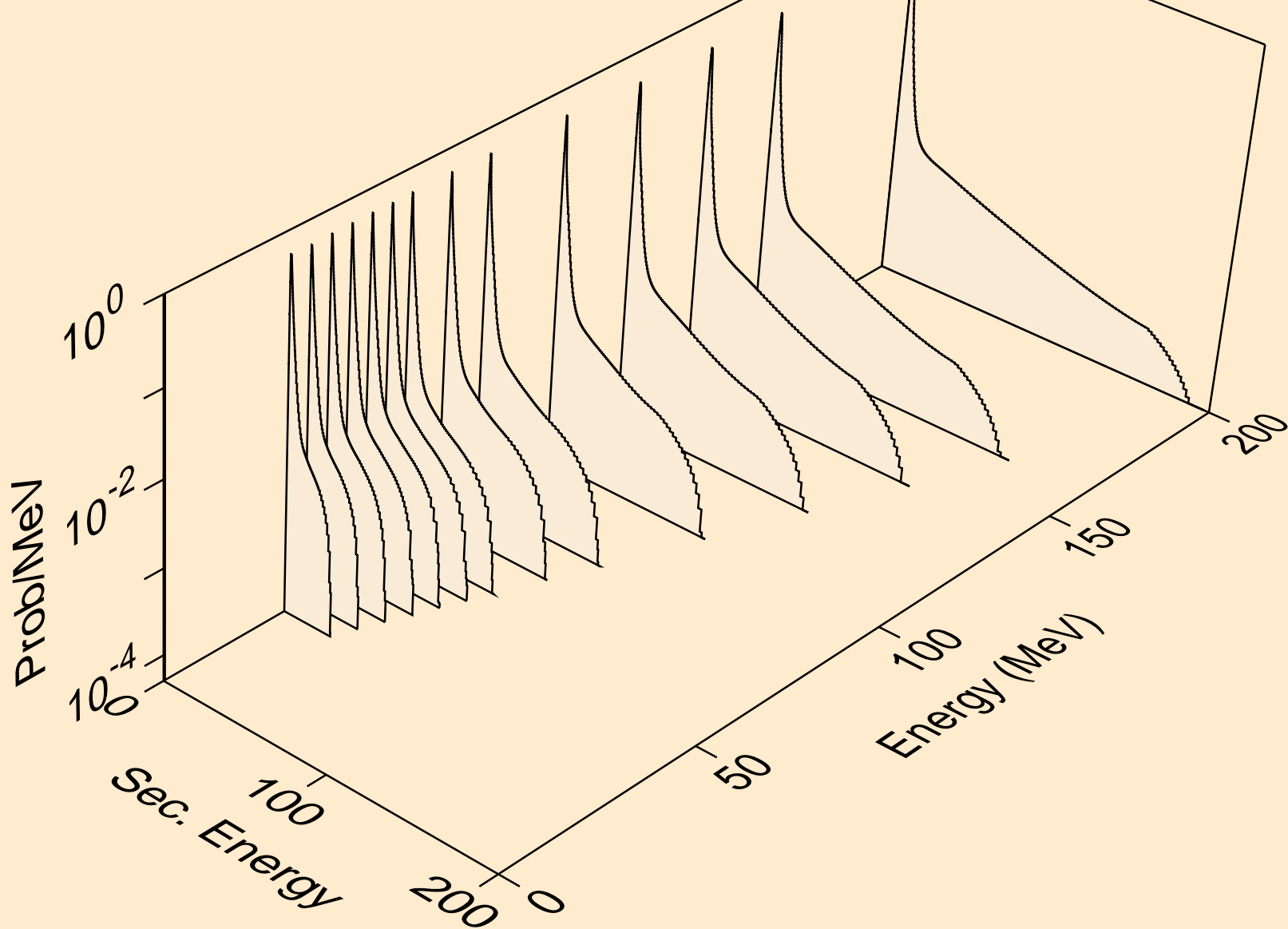
## Particle production cross sections



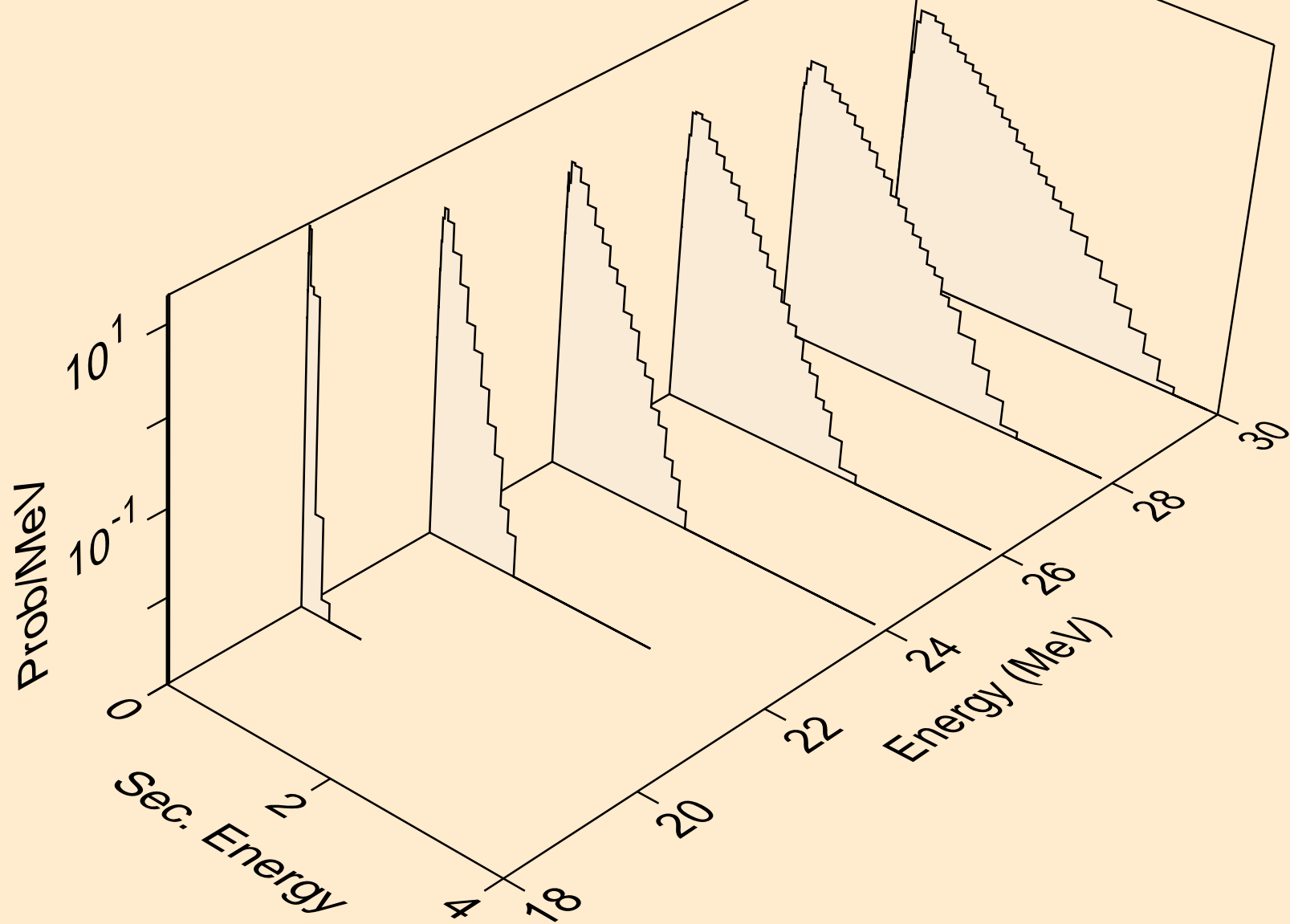
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



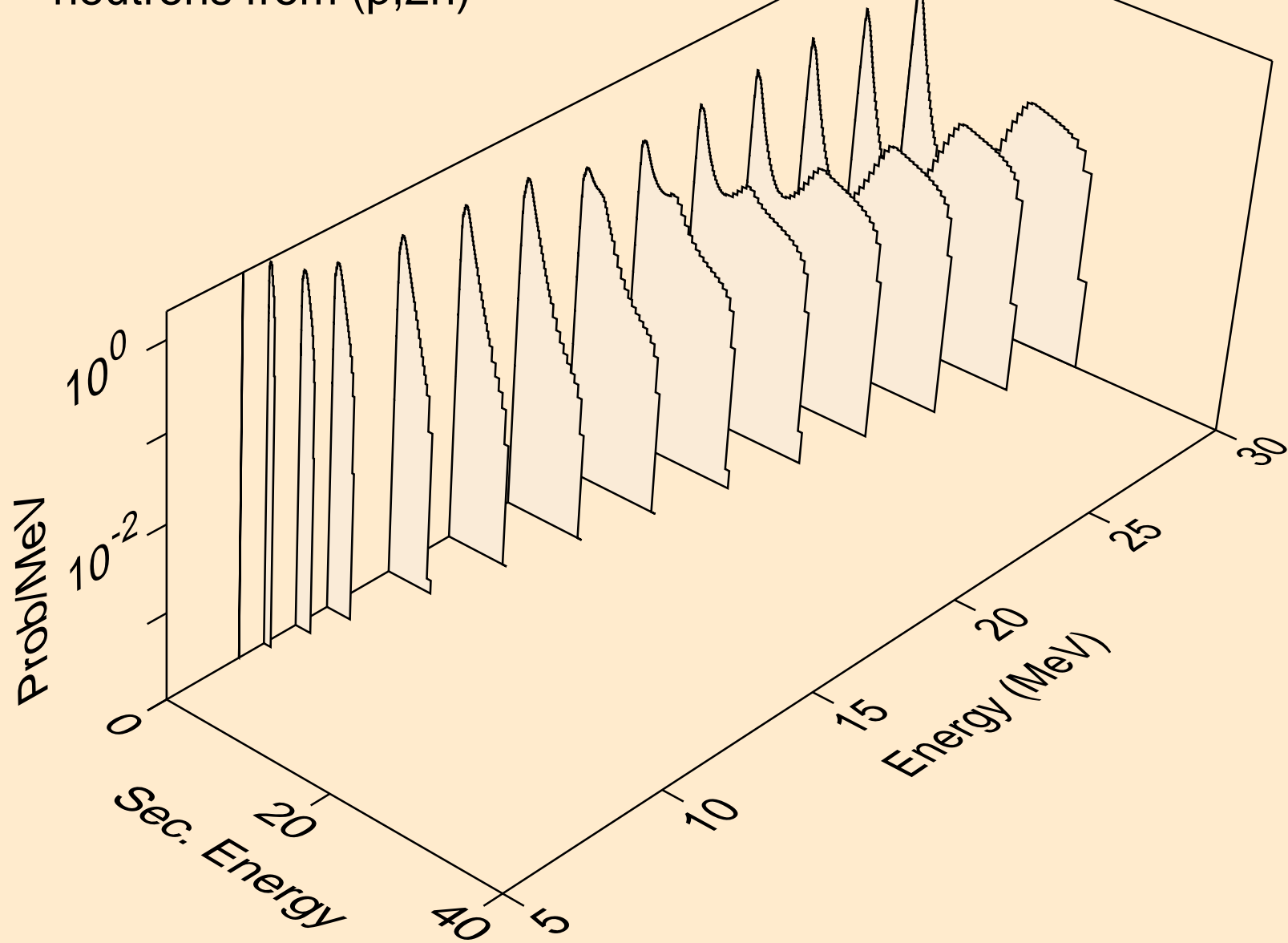
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



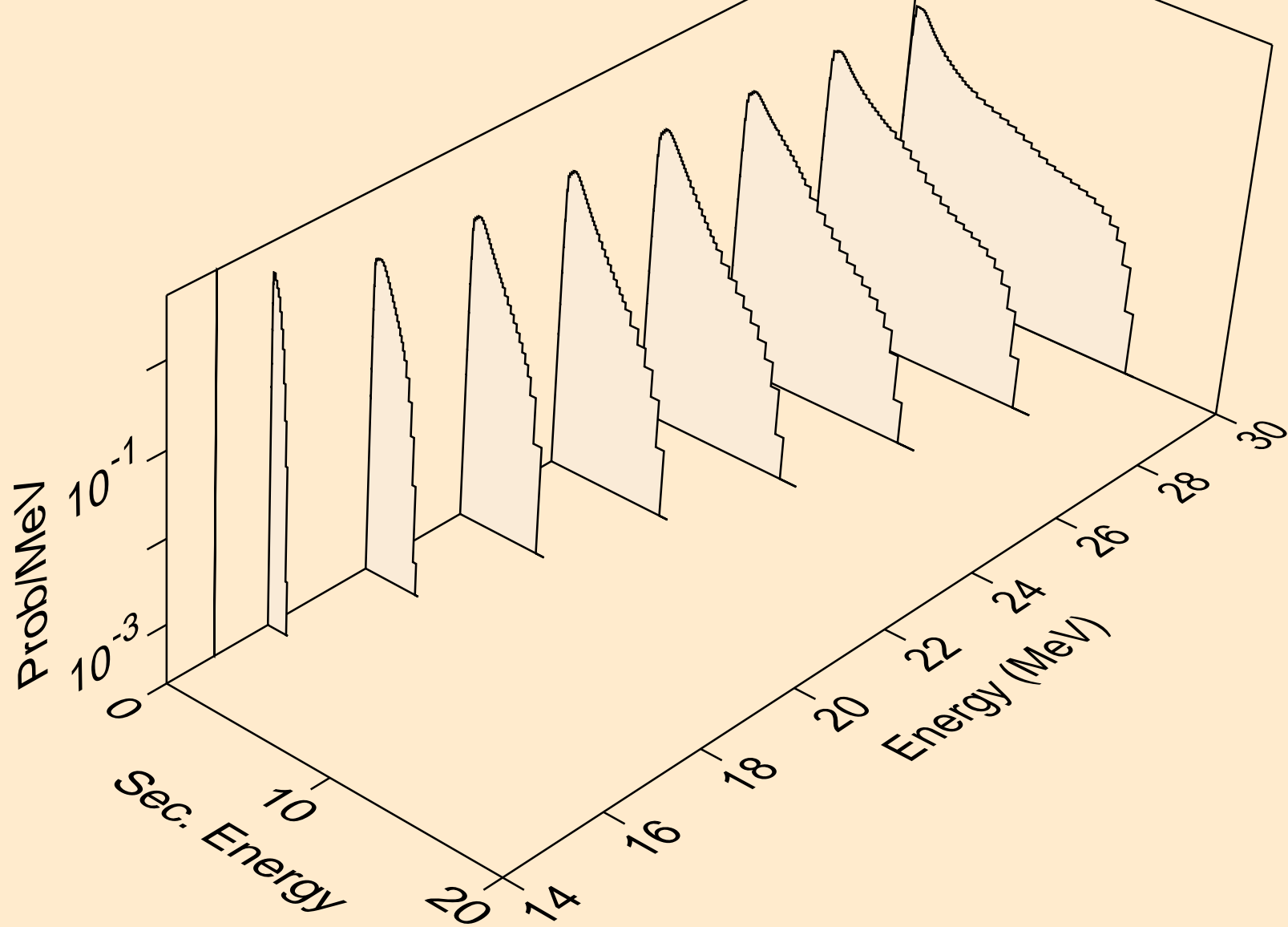
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



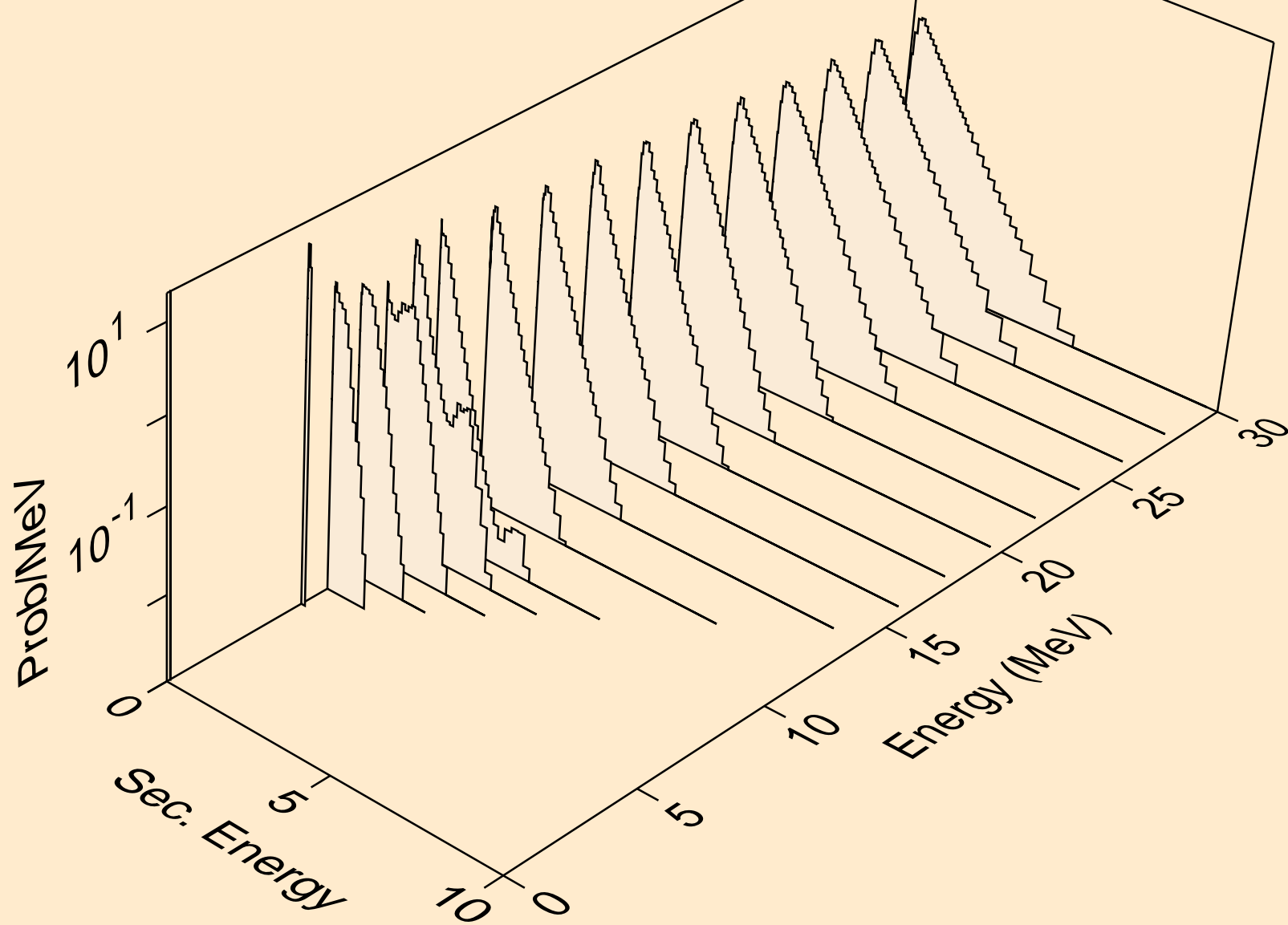
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



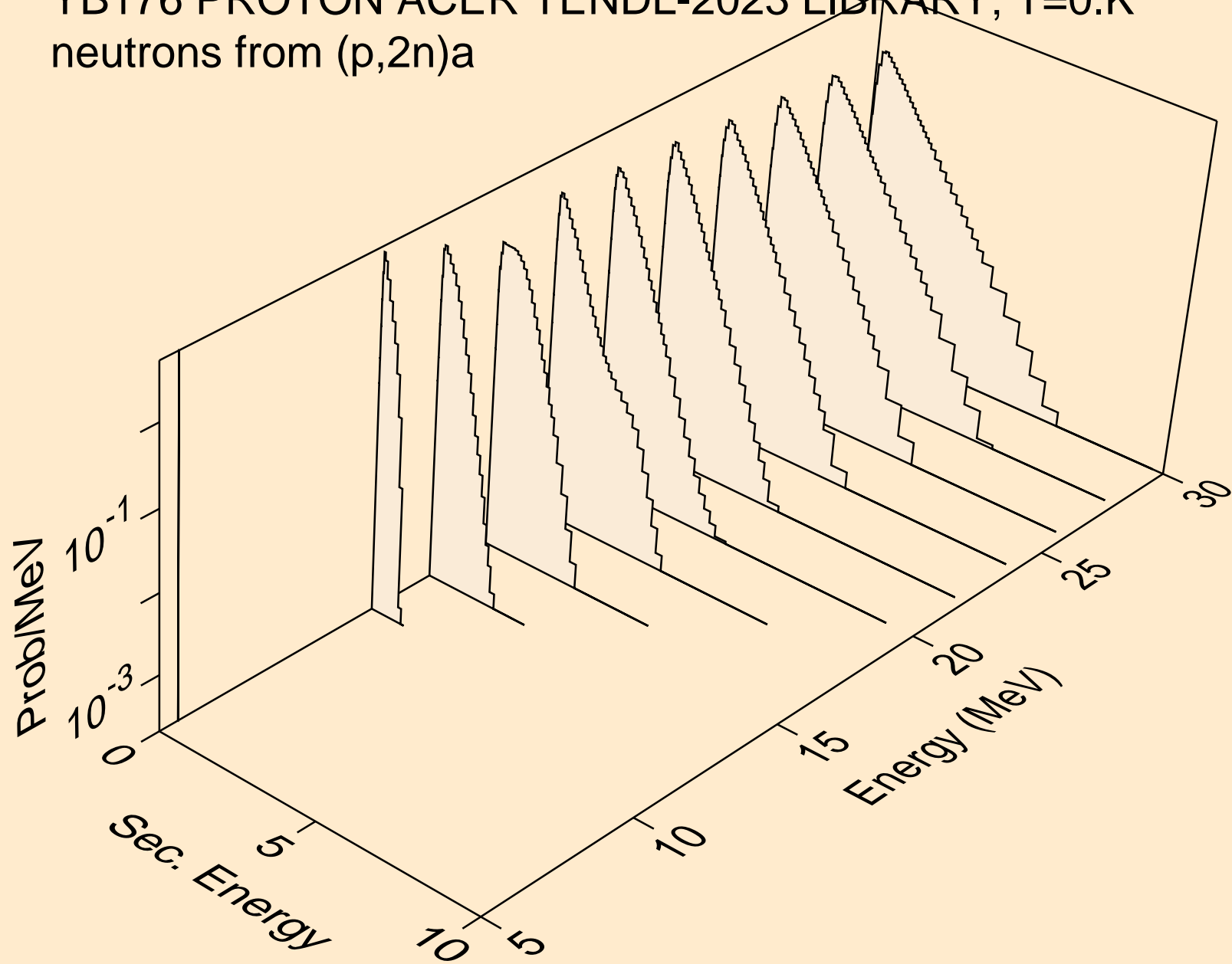
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

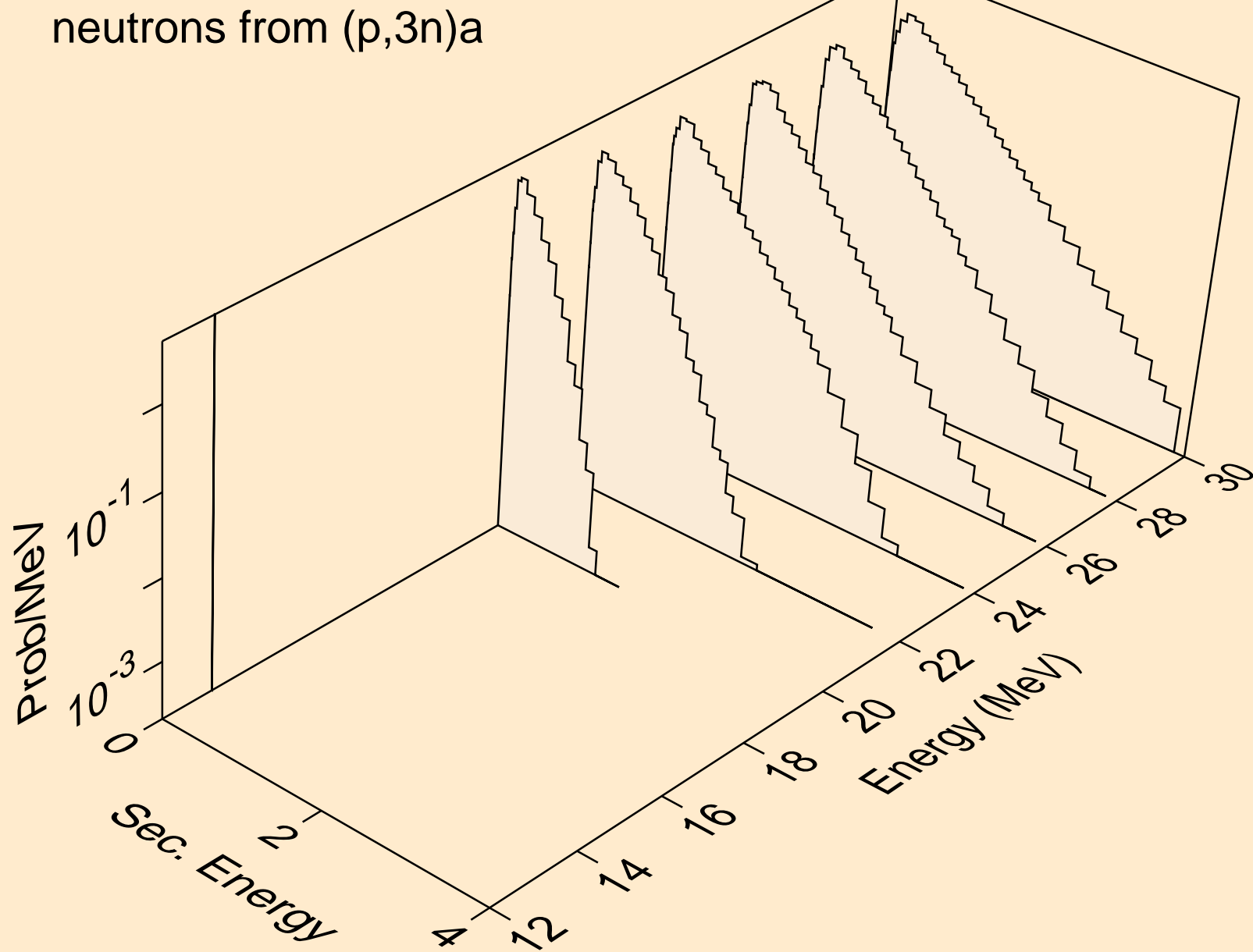


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

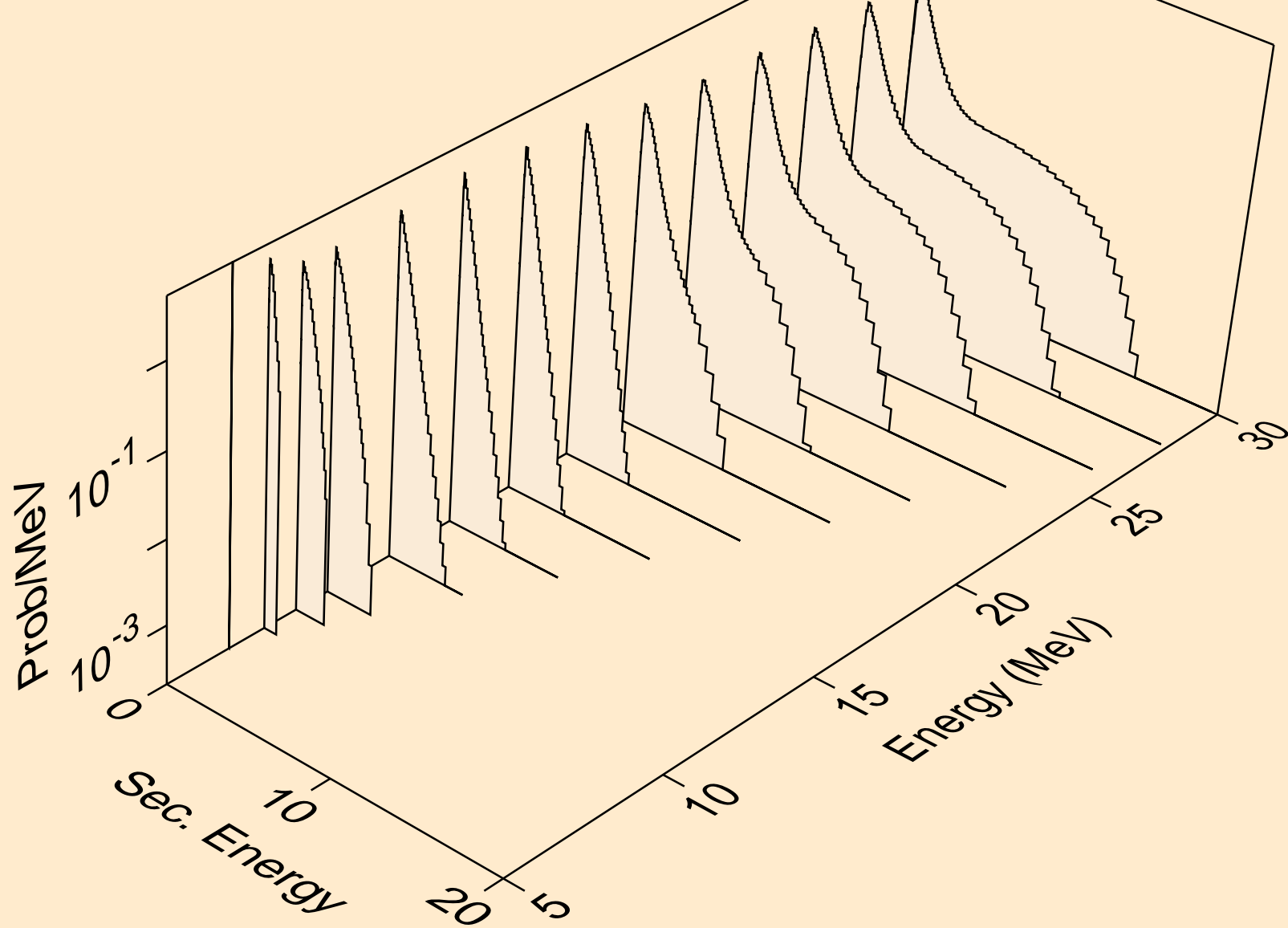




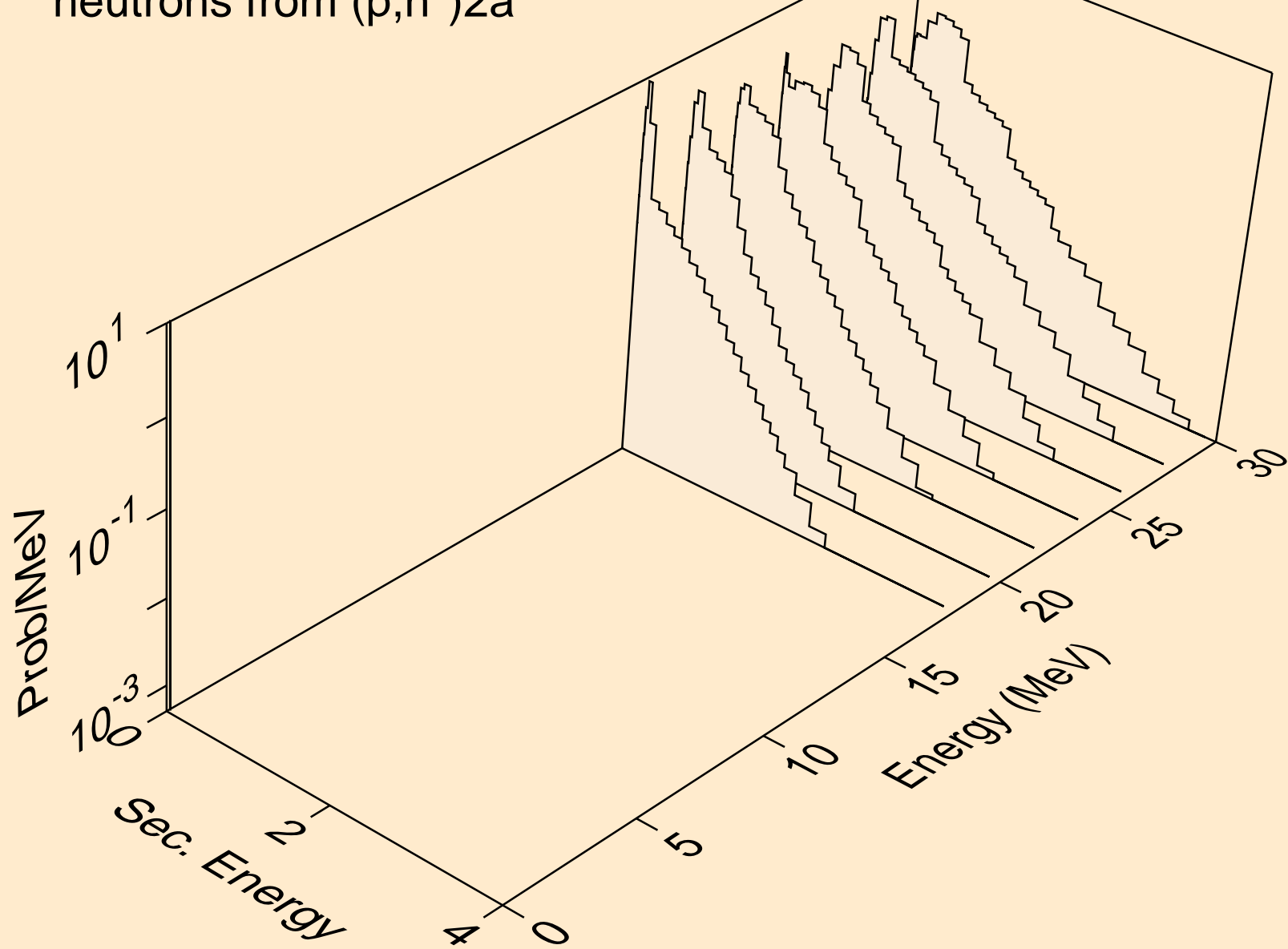
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neutrons from (p,3n)a



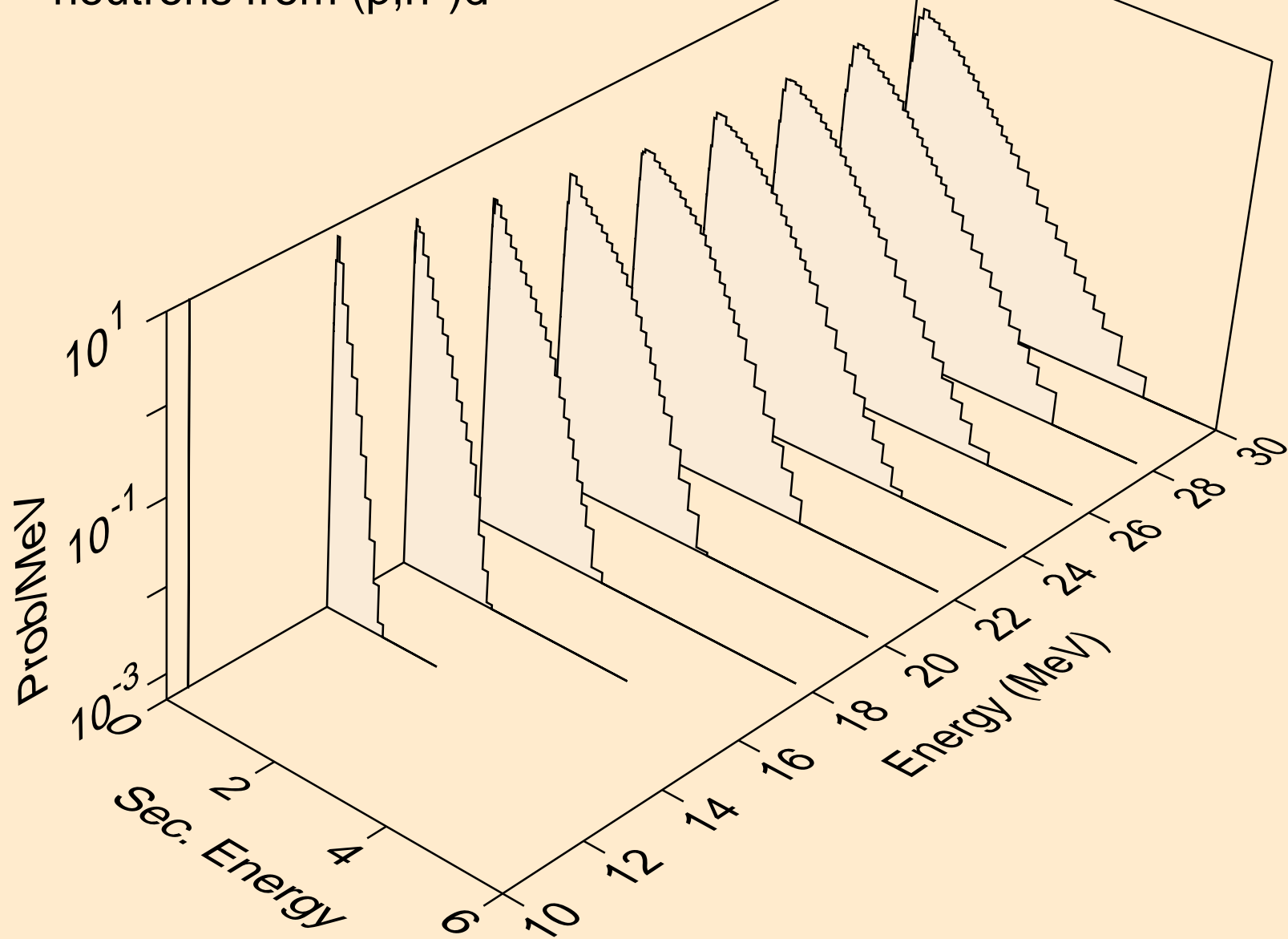
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neutrons from (p,n\*)p



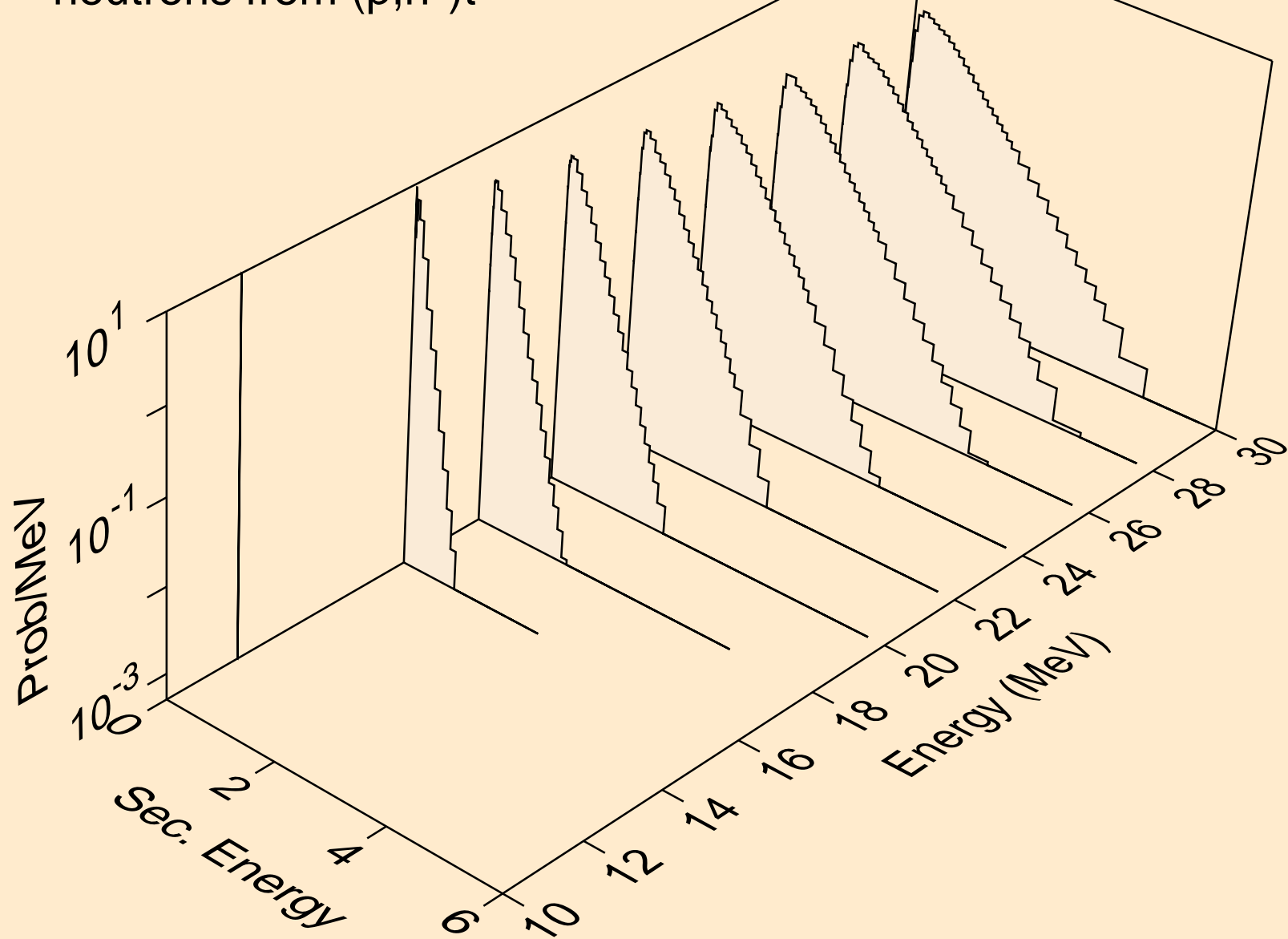
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neutrons from (p,n\*)2a



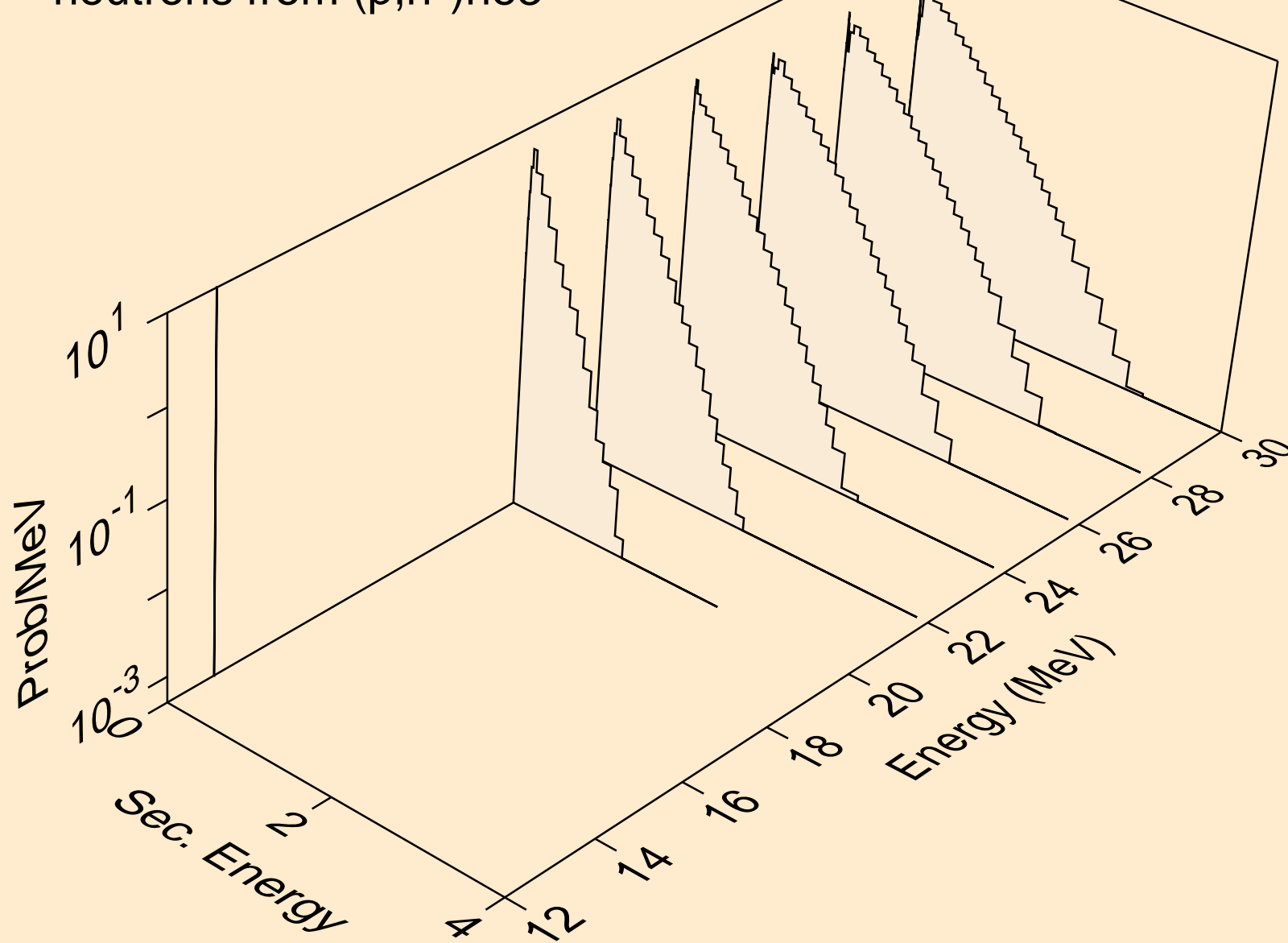
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neutrons from (p,n\*)d



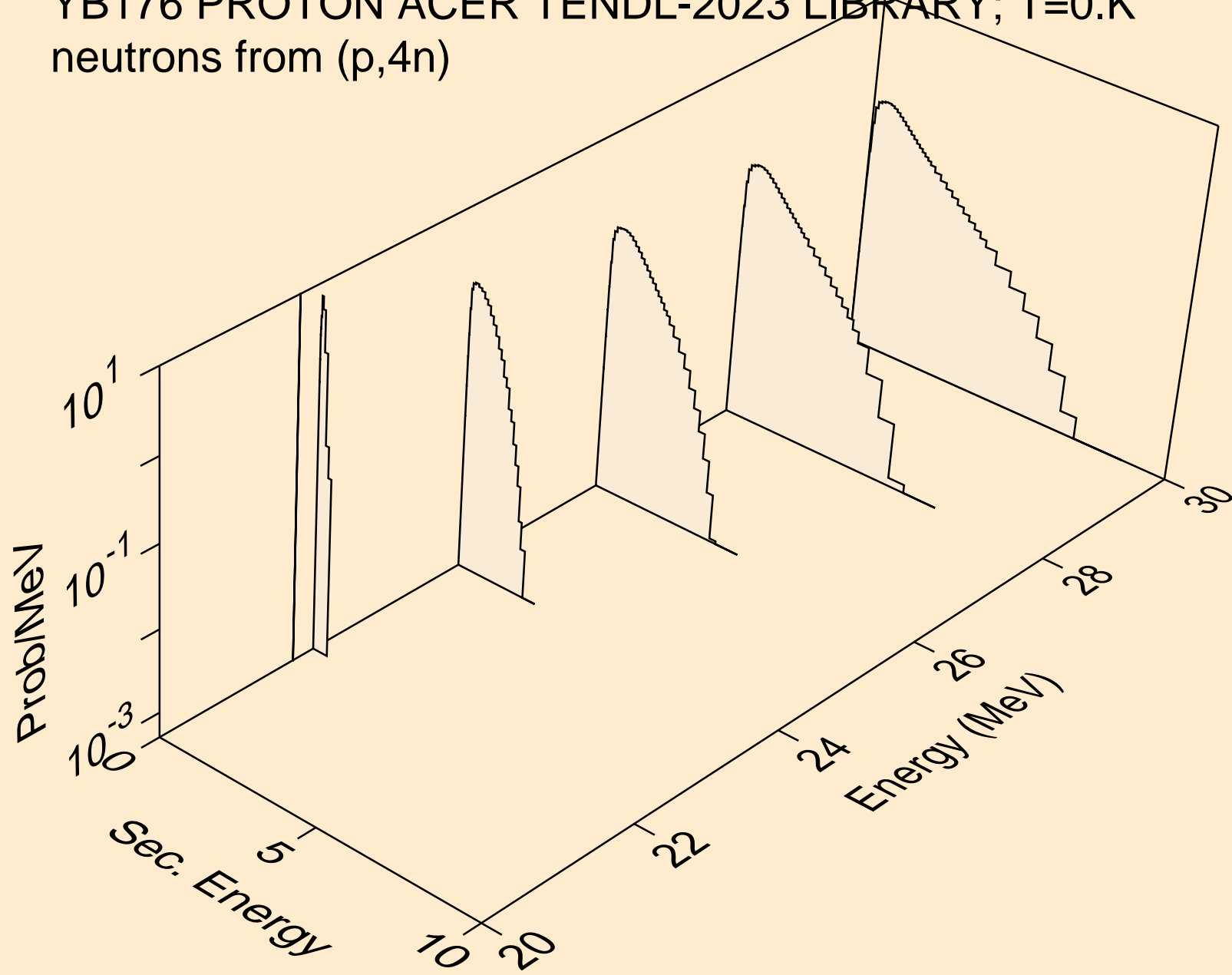
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neutrons from (p,n\*)t



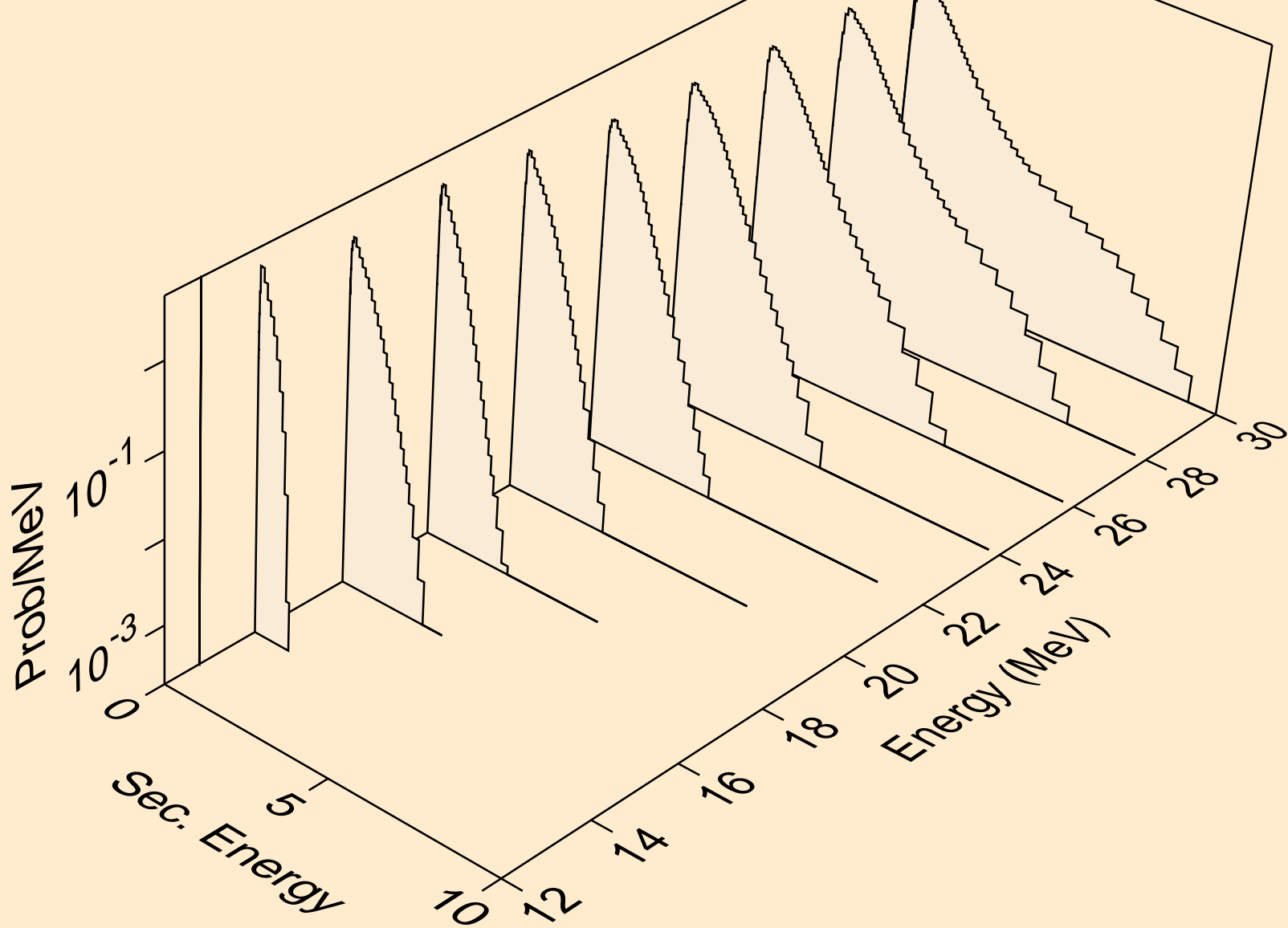
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

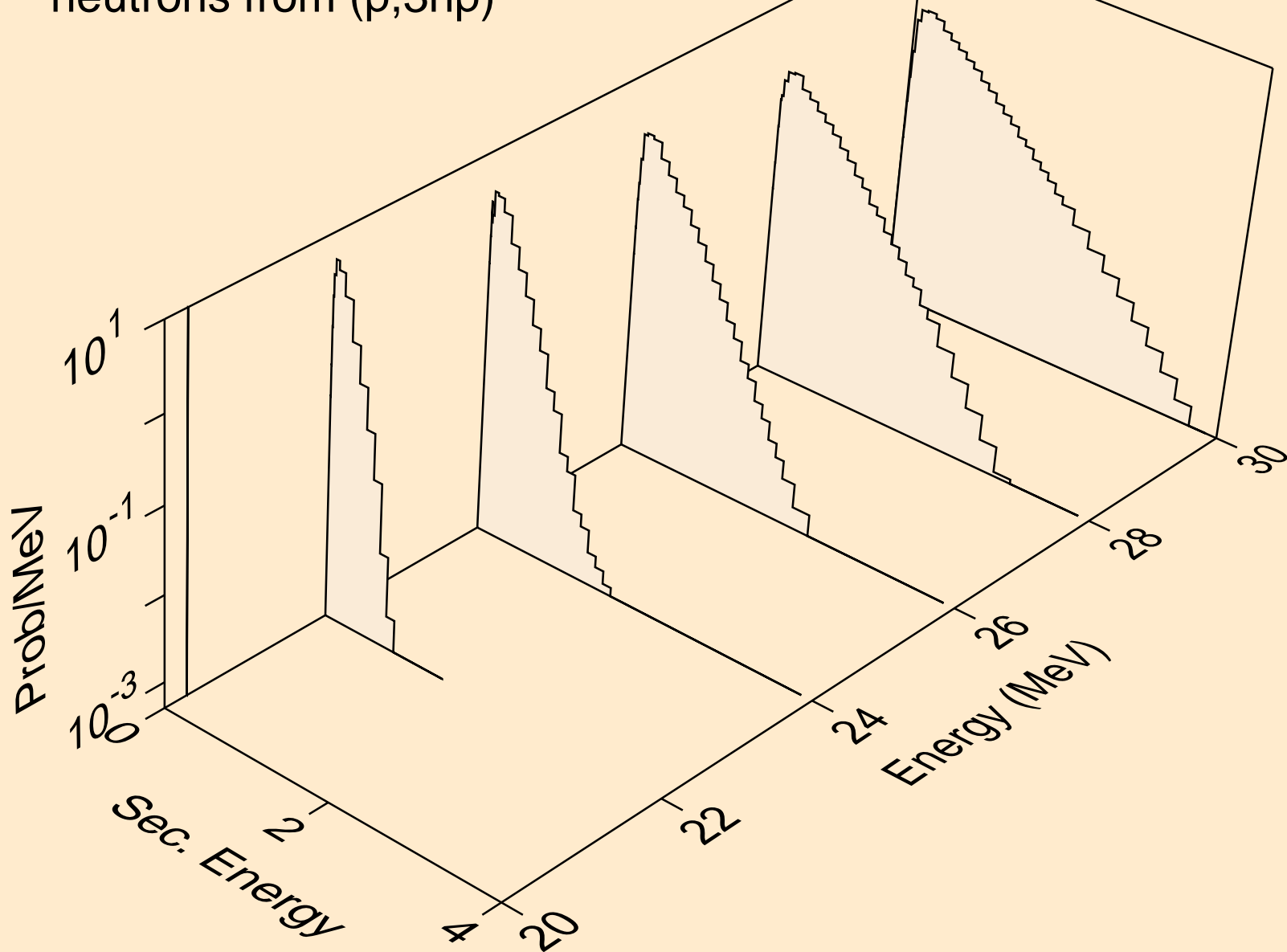


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neutrons from (p,2np)

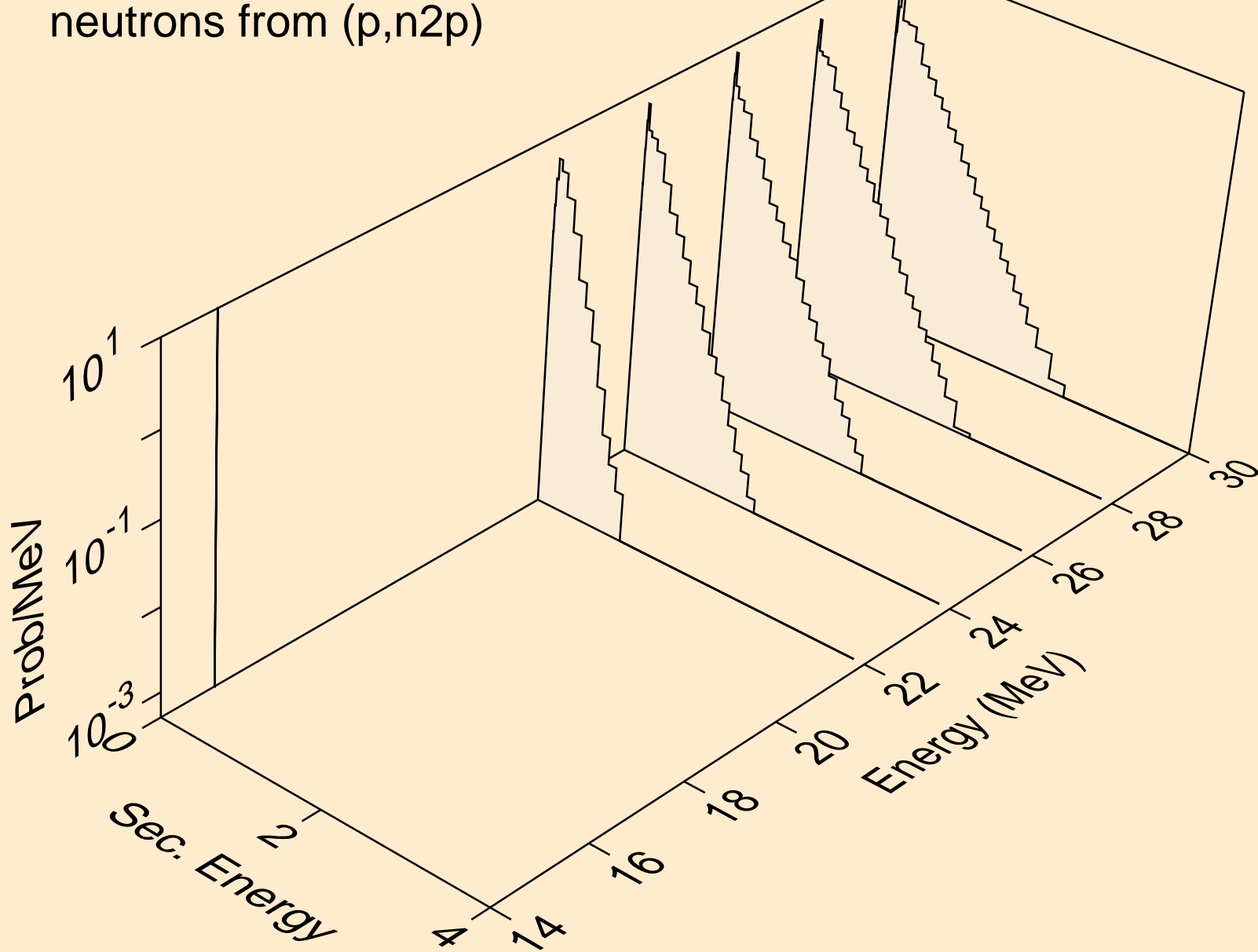




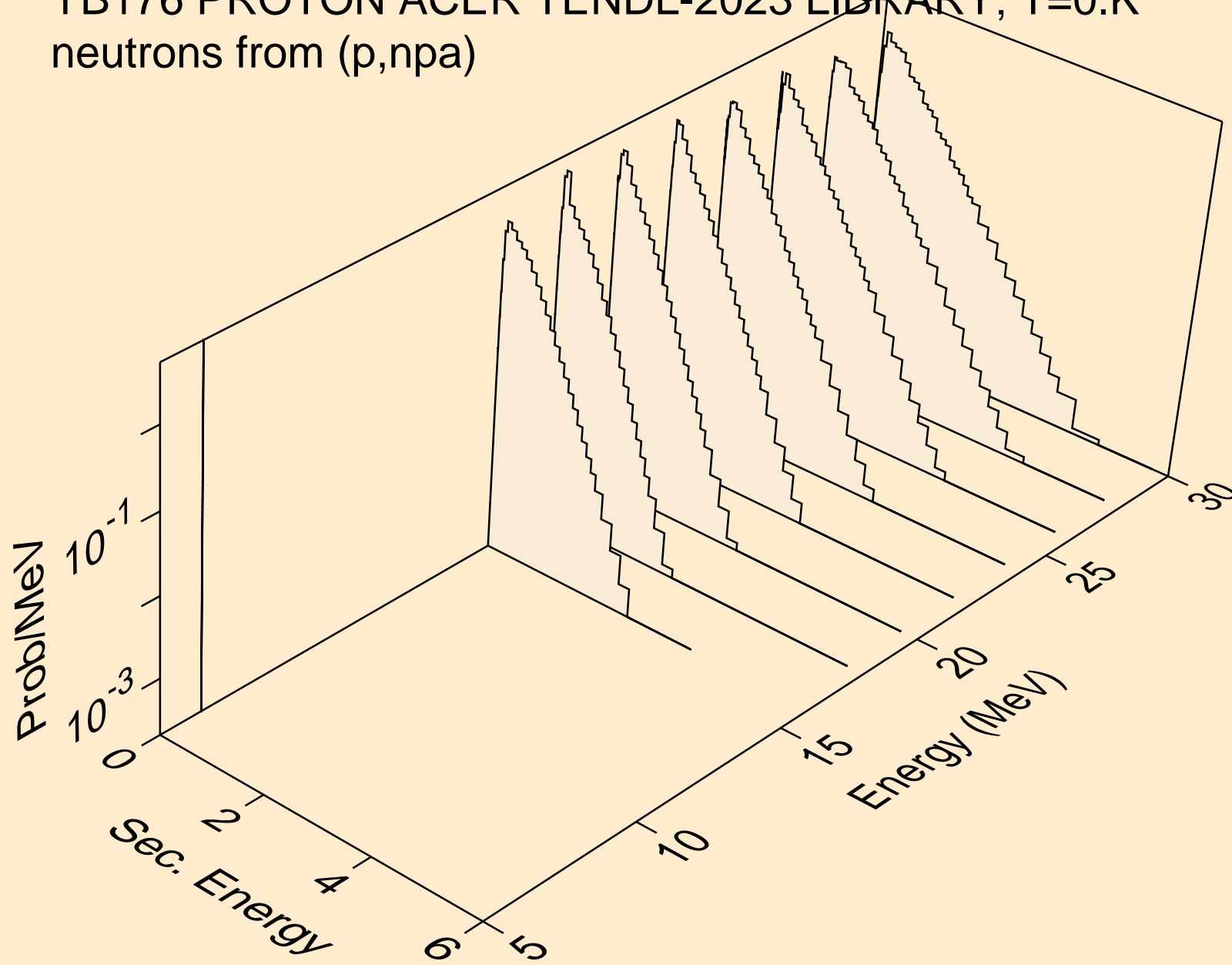
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neutrons from (p,3np)



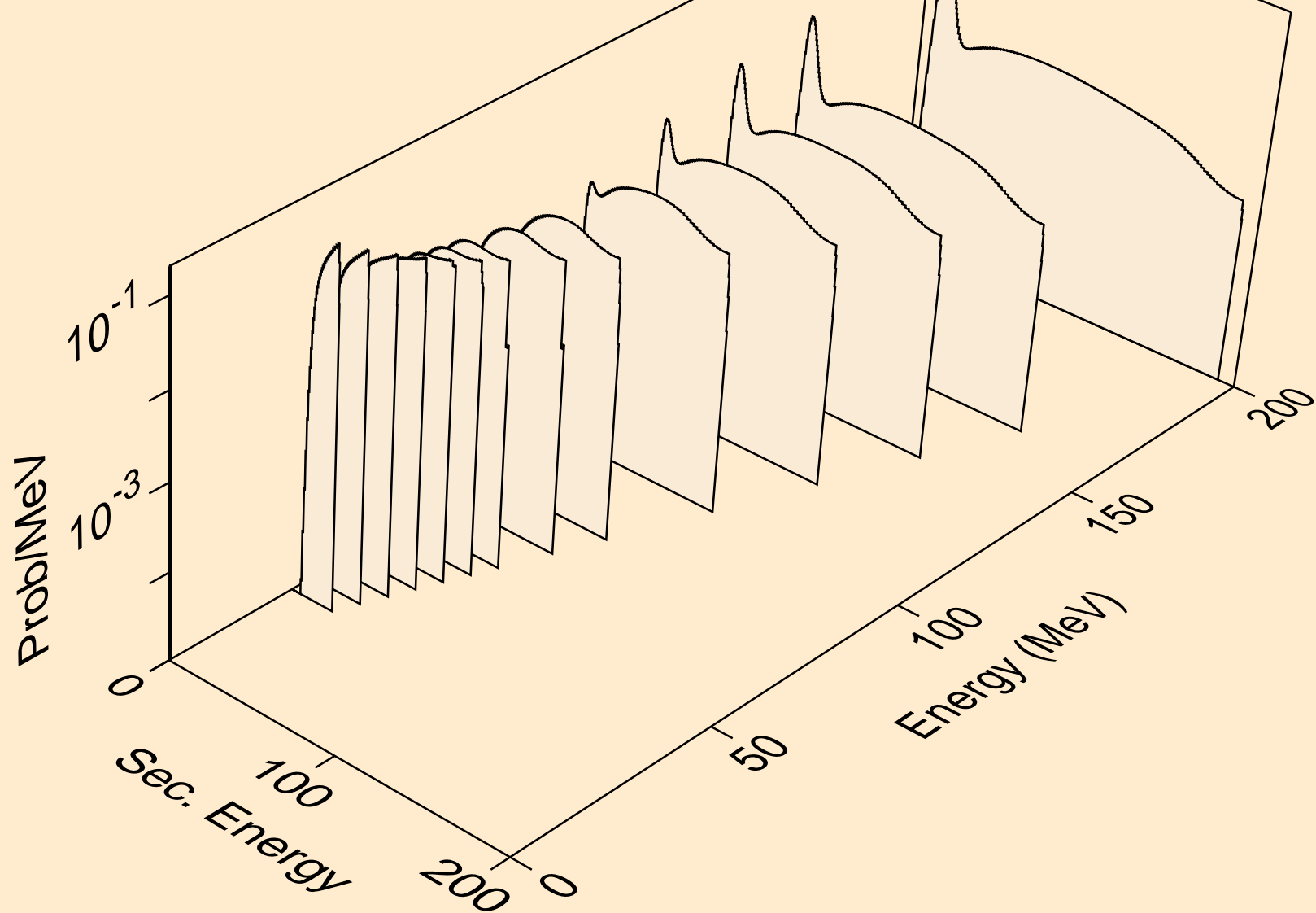
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



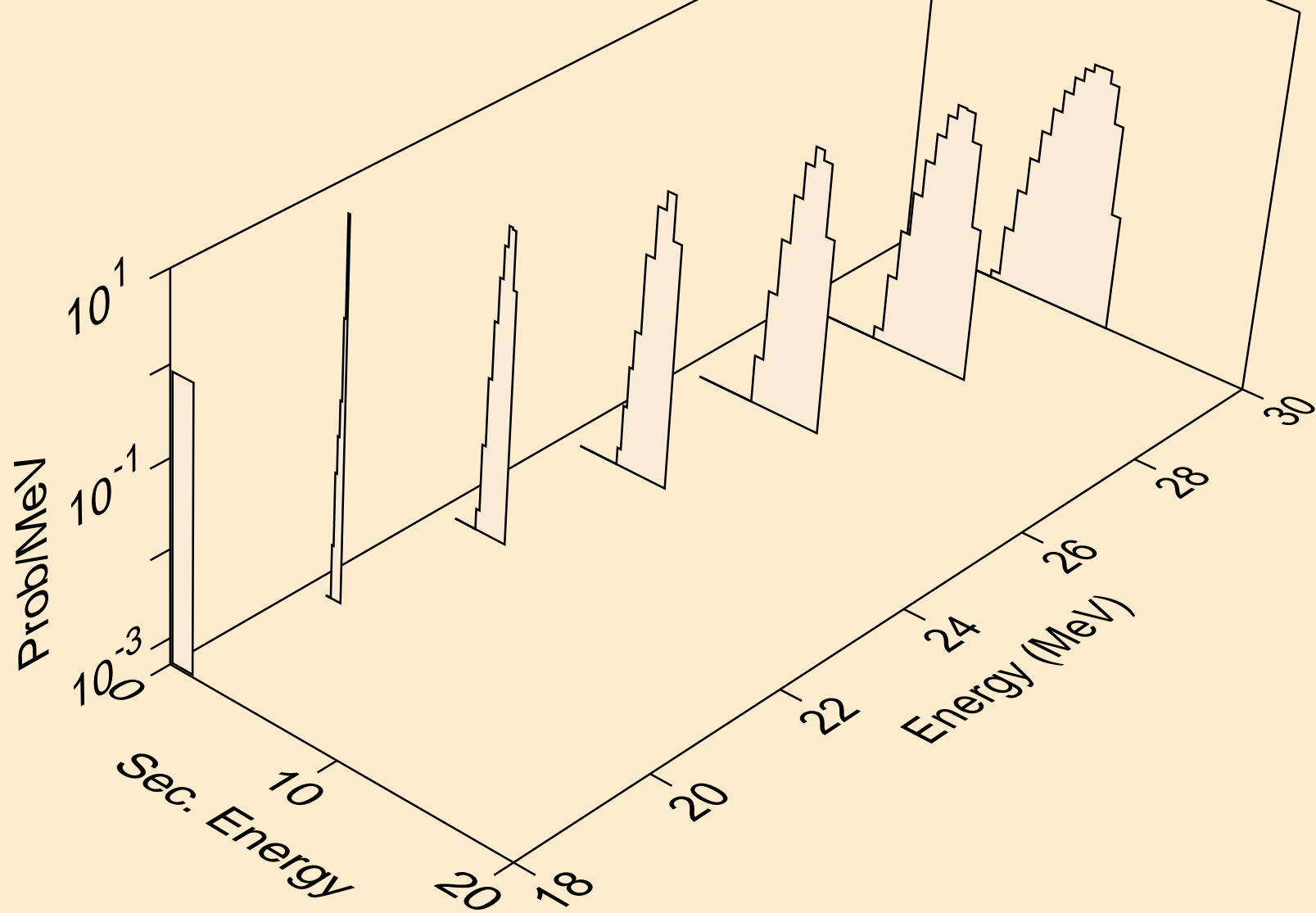
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



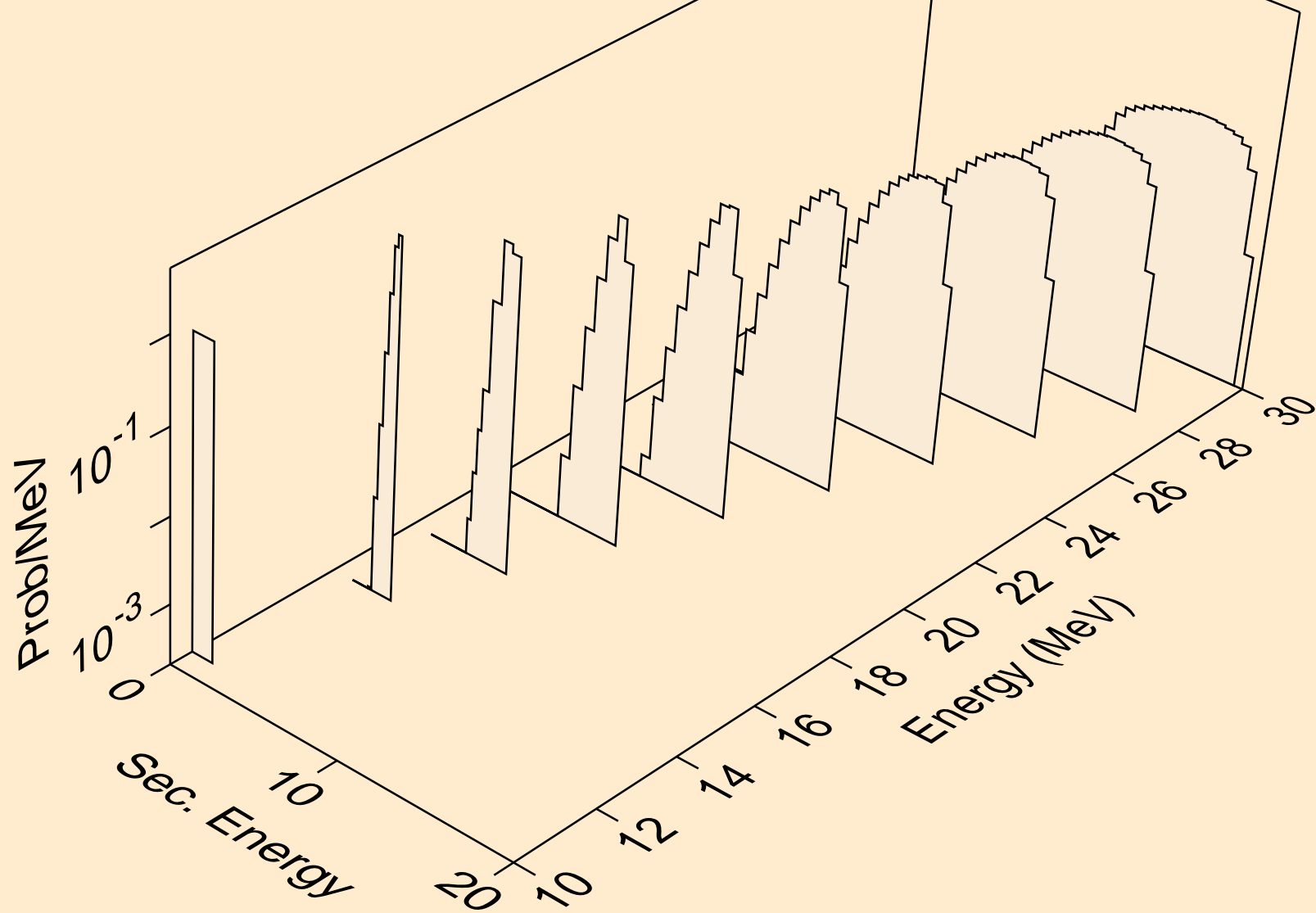
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



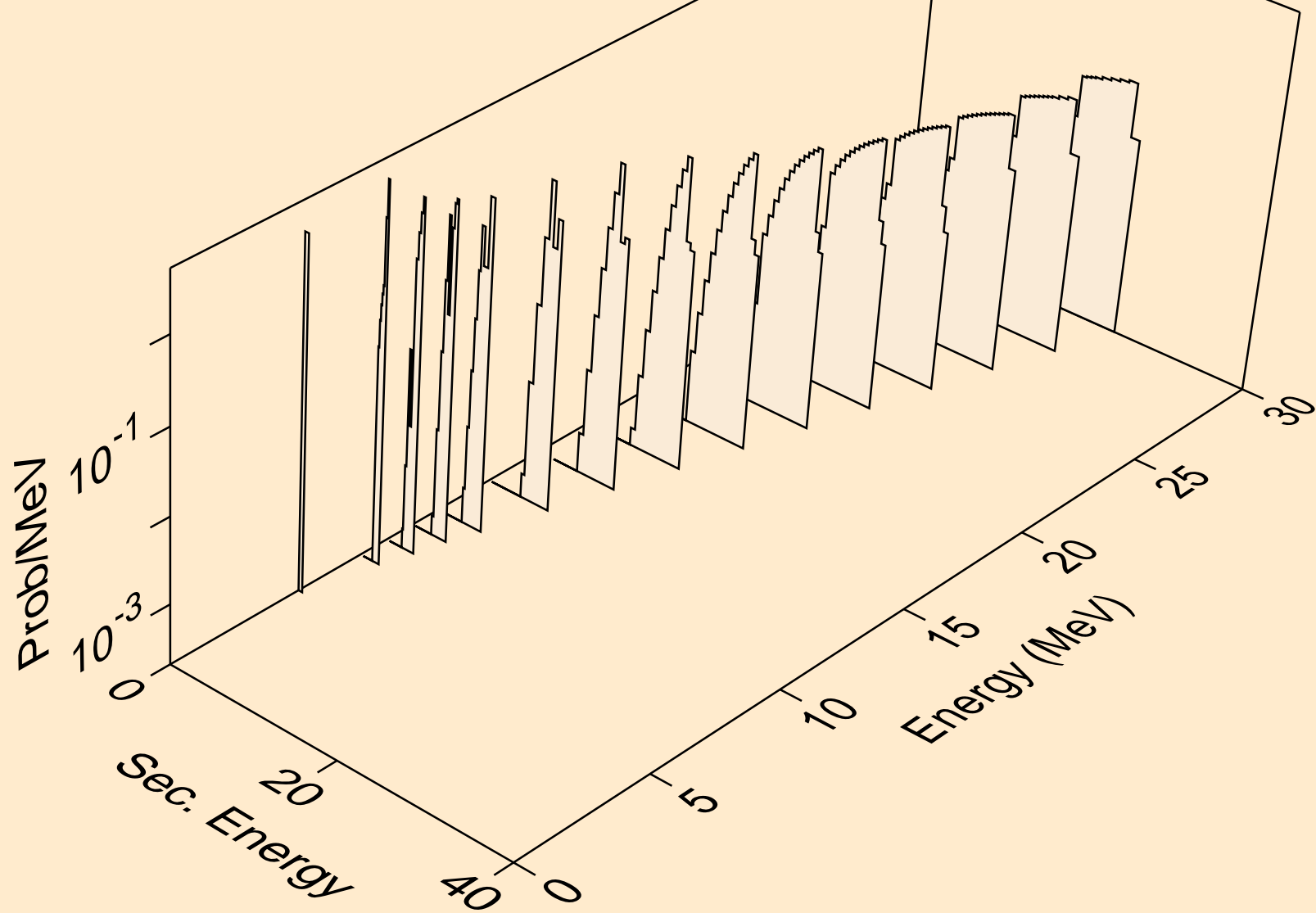
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



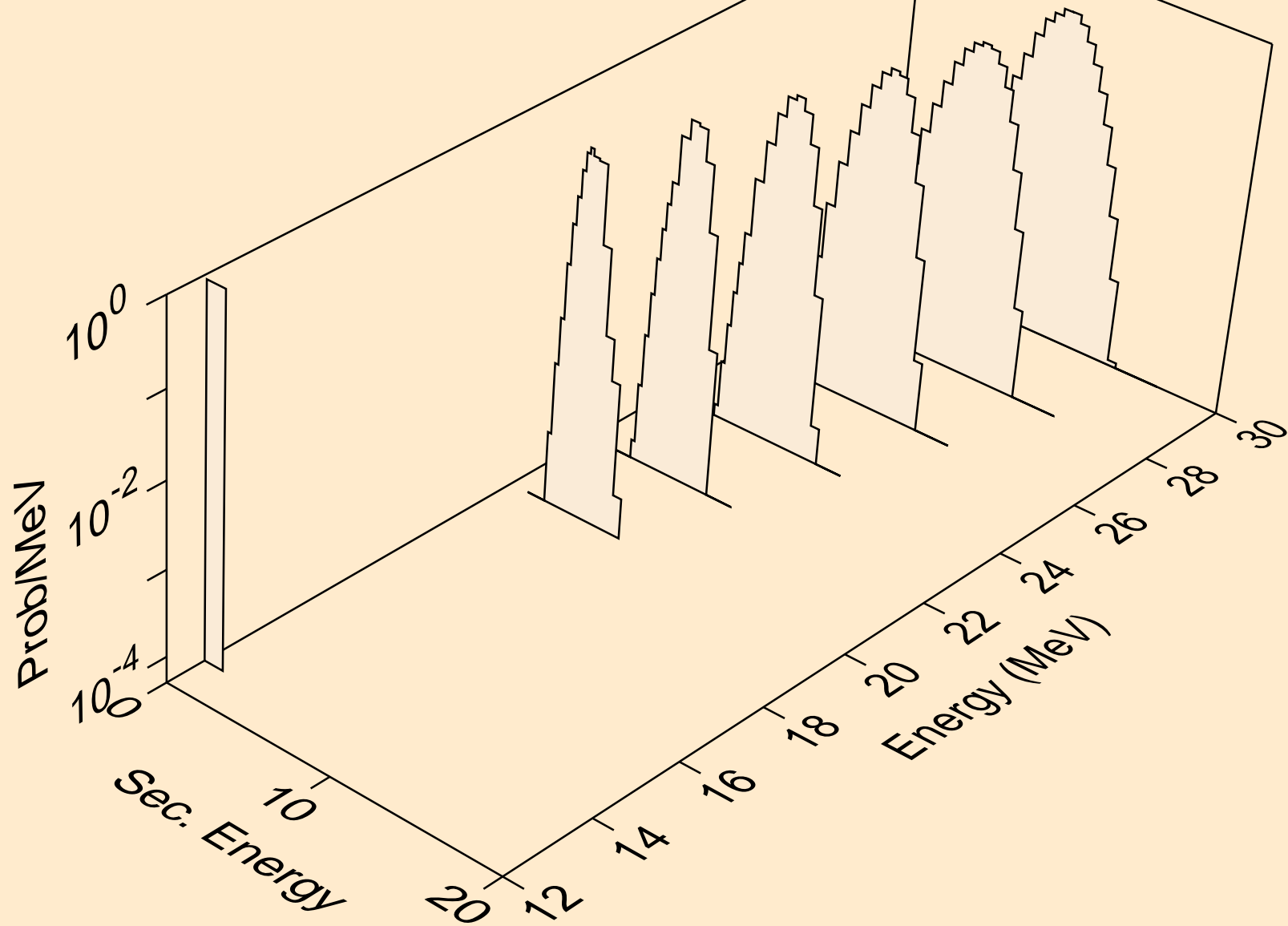
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

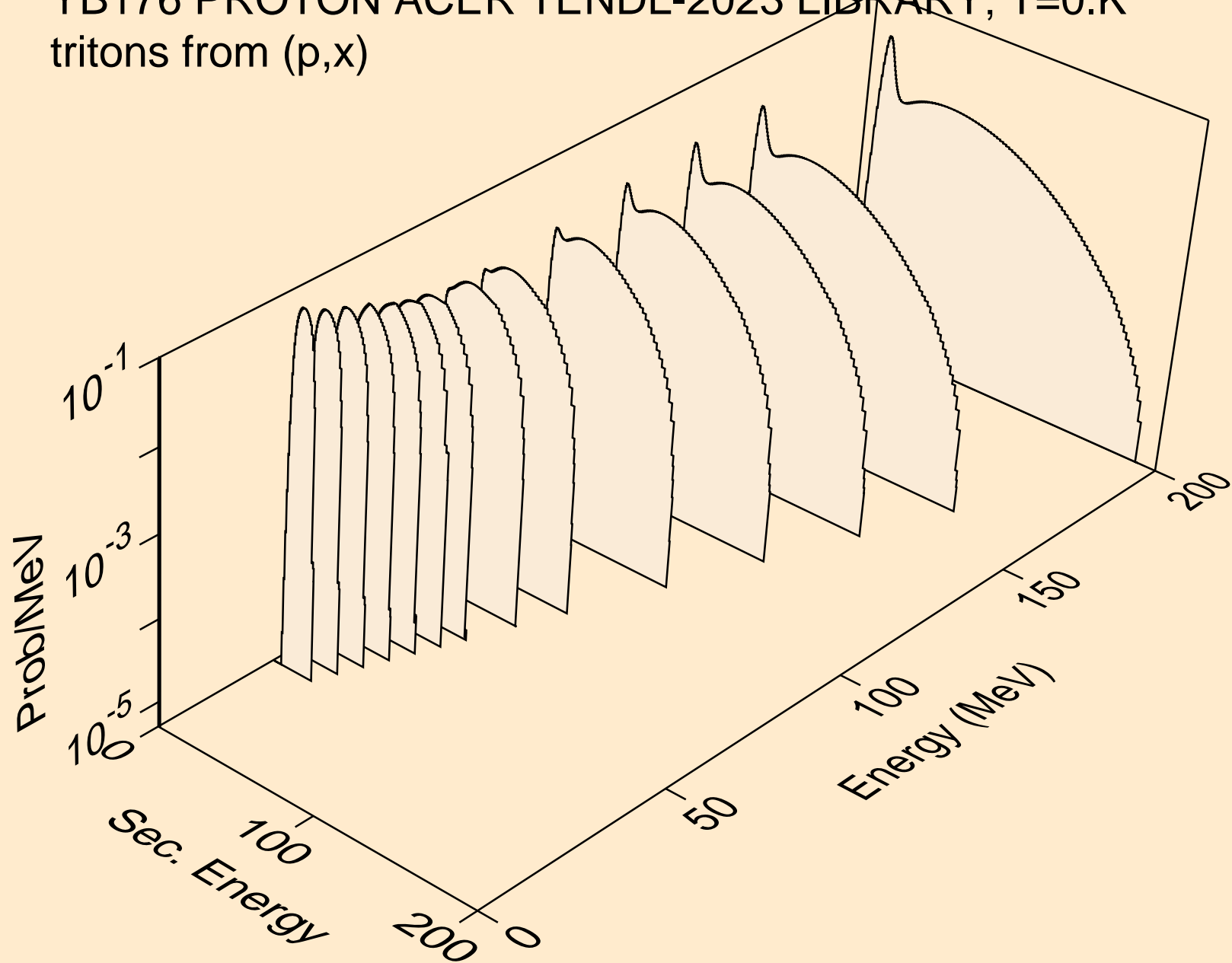


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

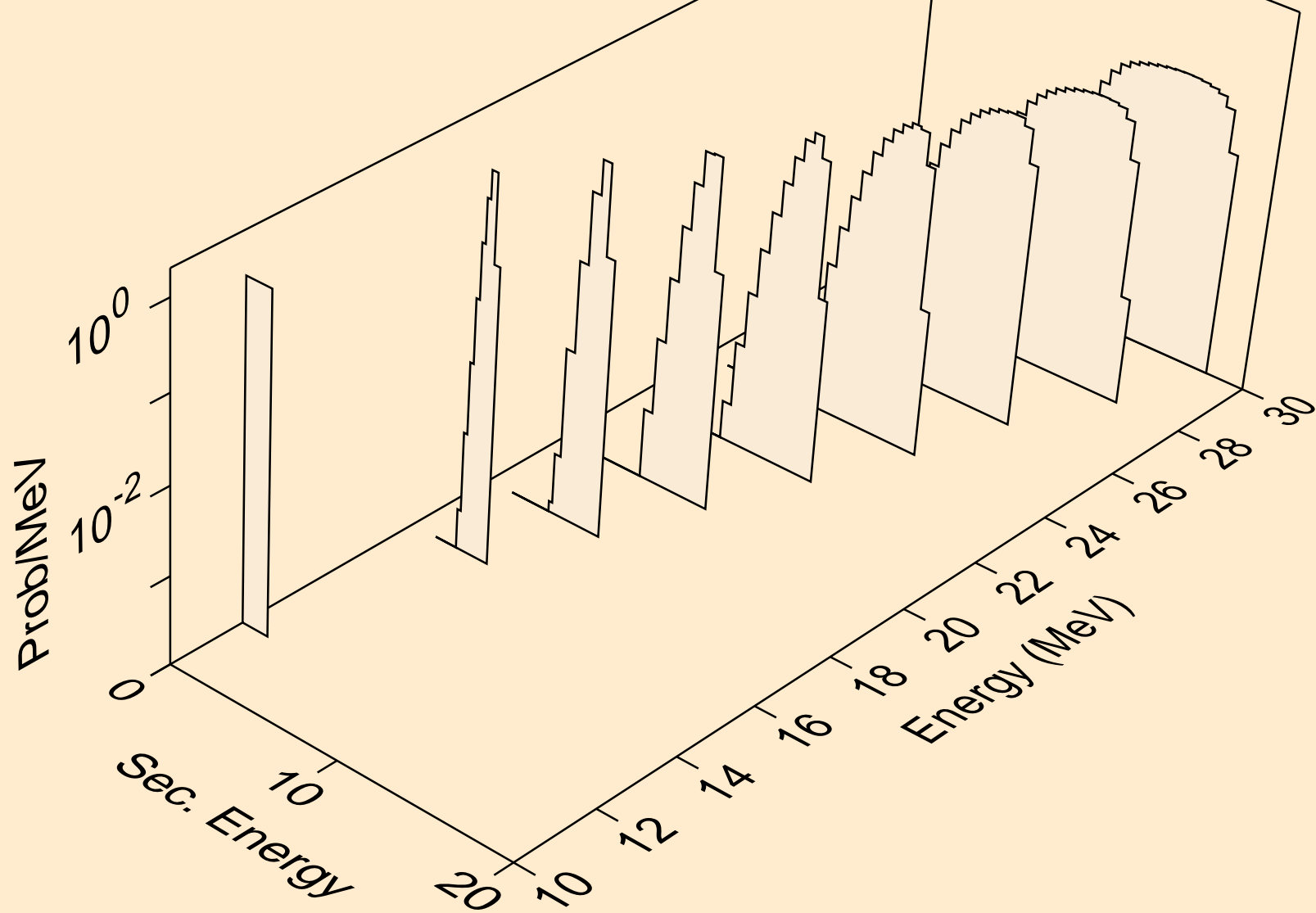




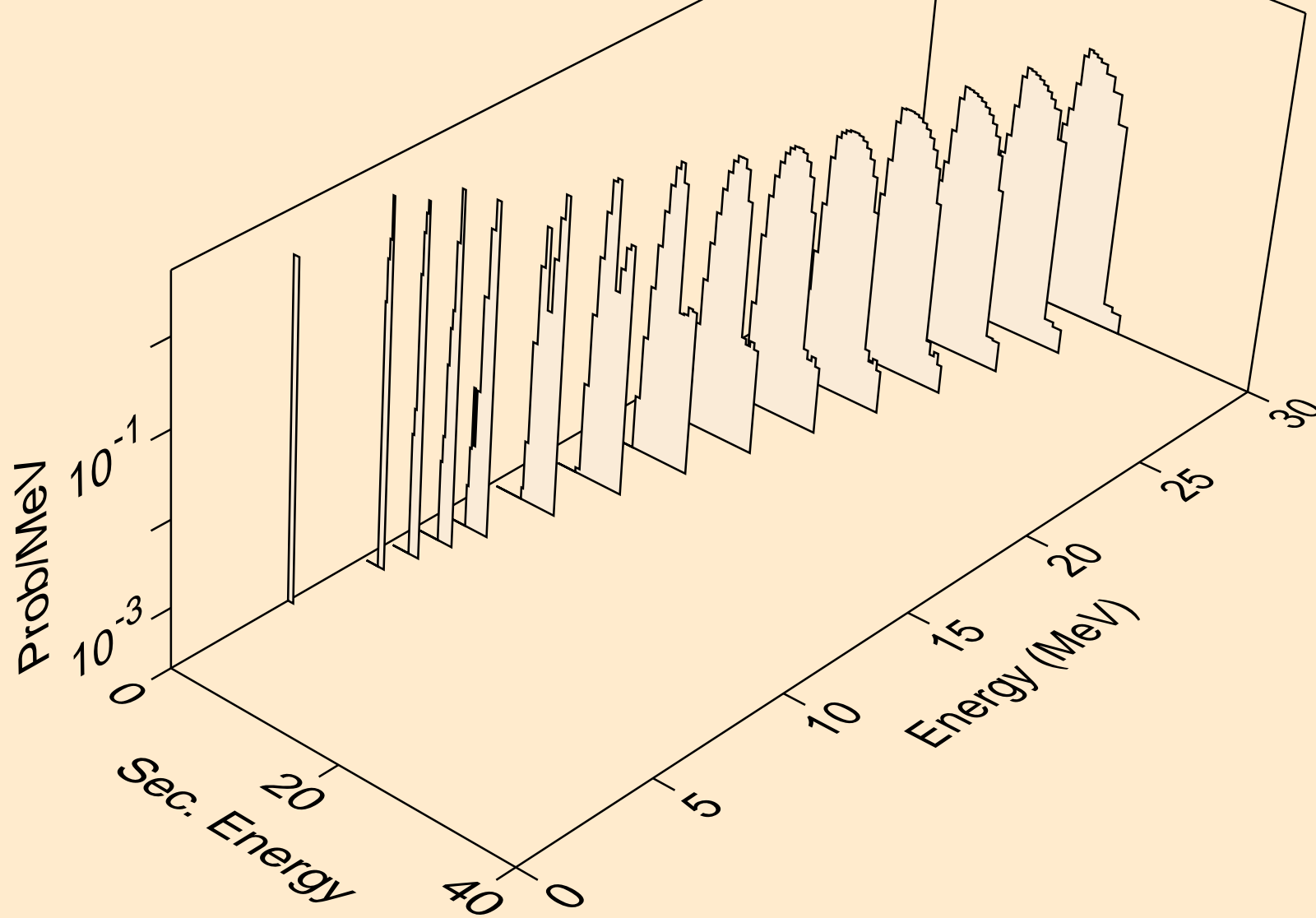
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



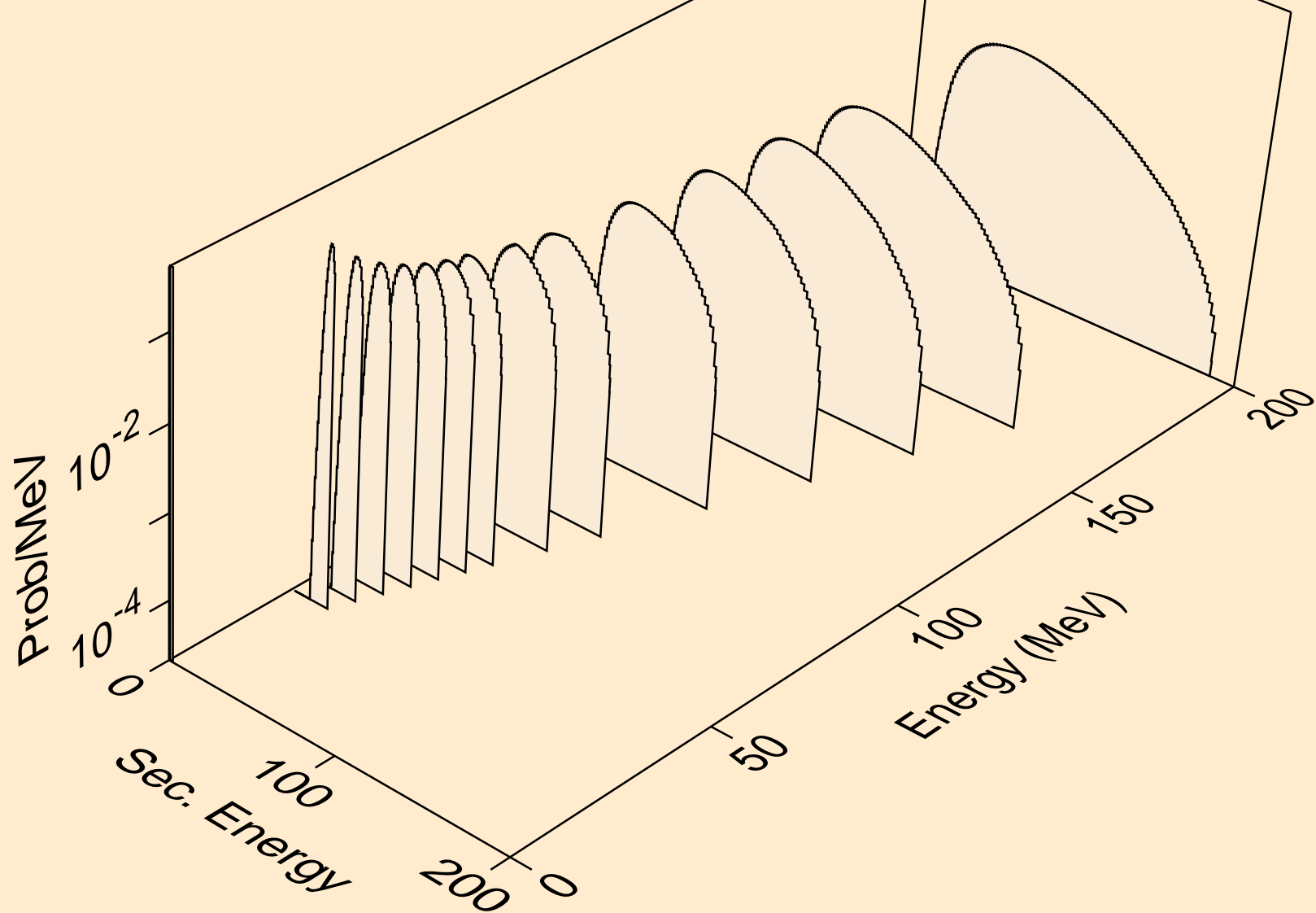
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



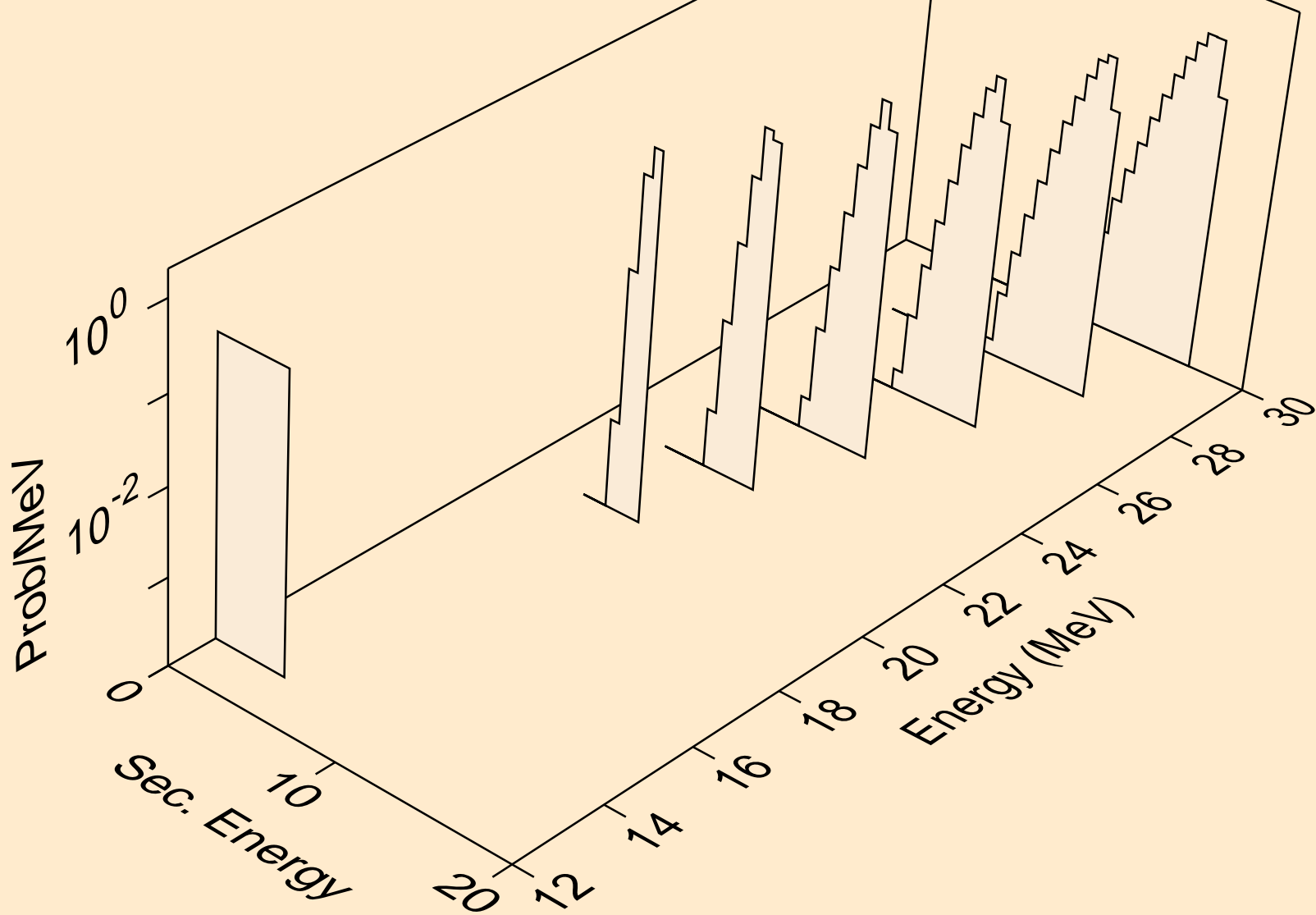
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tritons from (p,t)



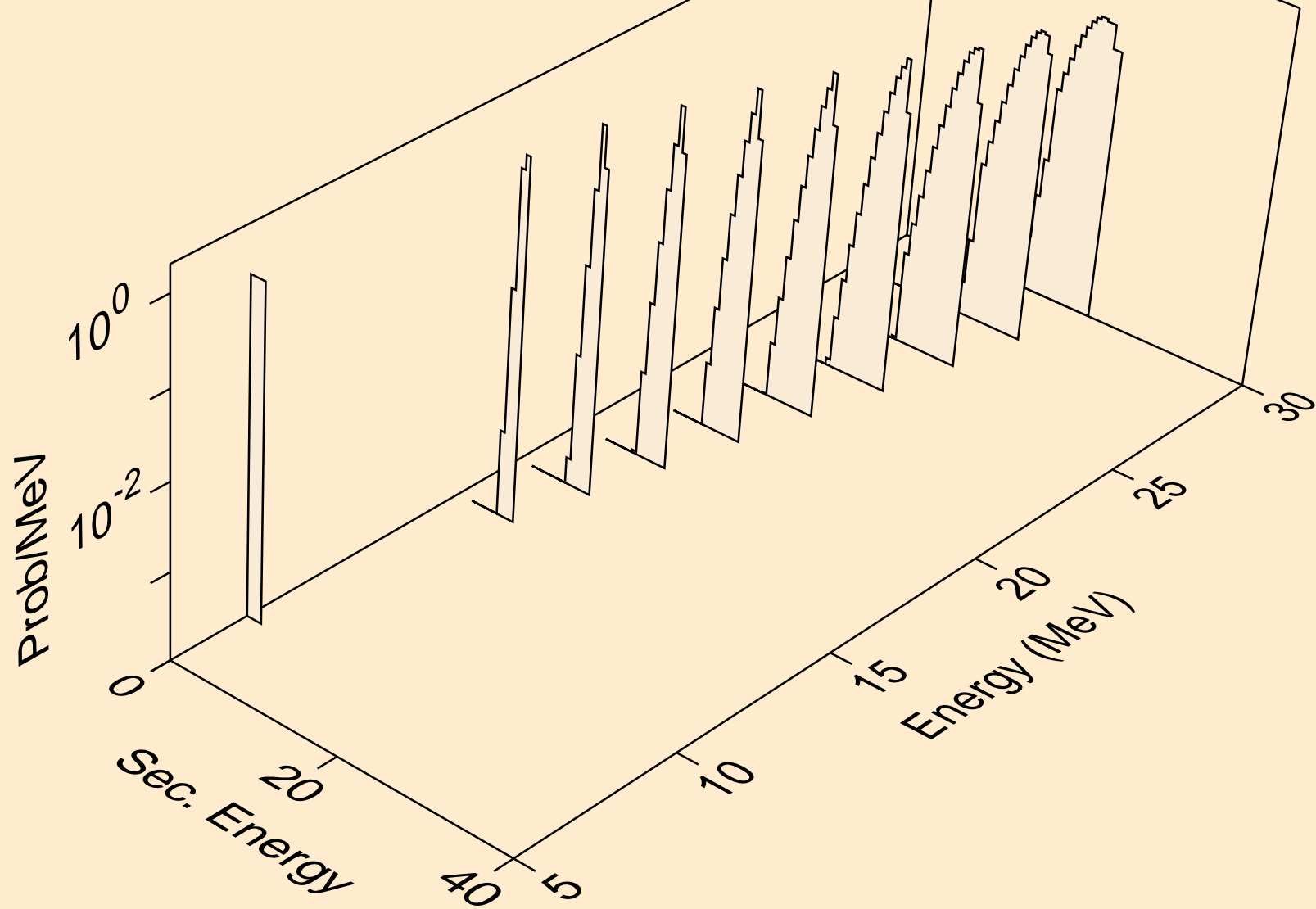
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he3s from (p,x)



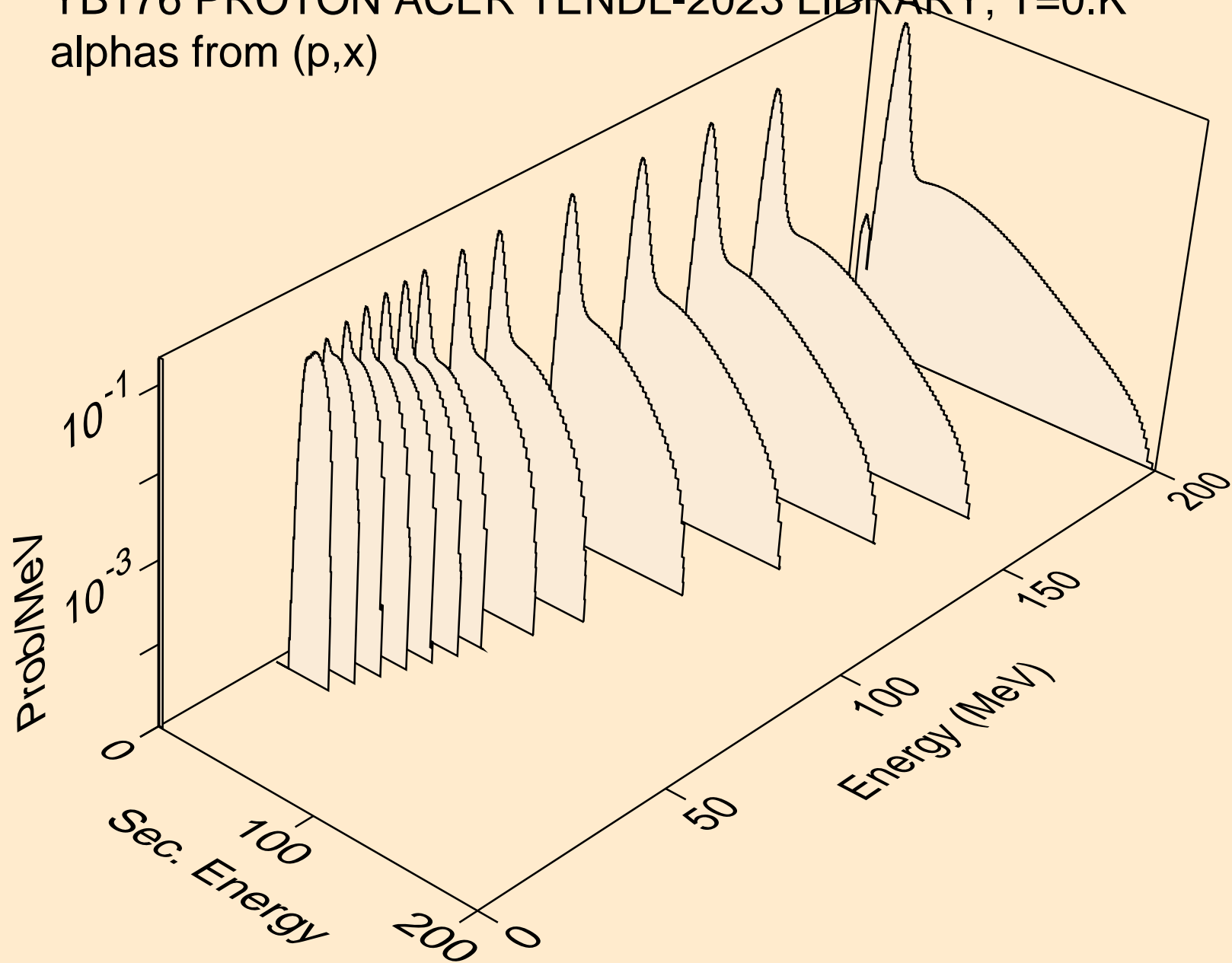
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he3s from (p,n\*)he3



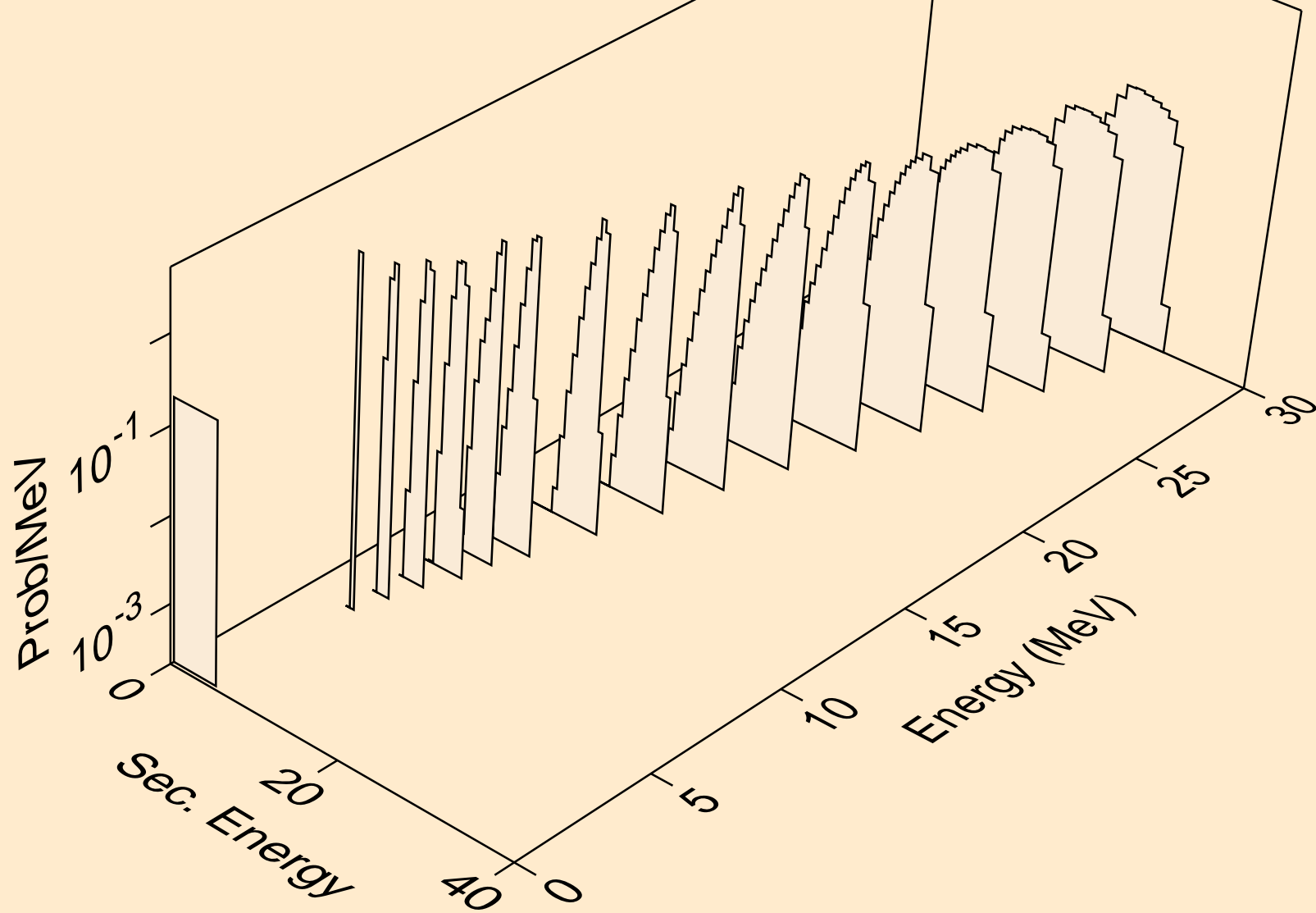
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

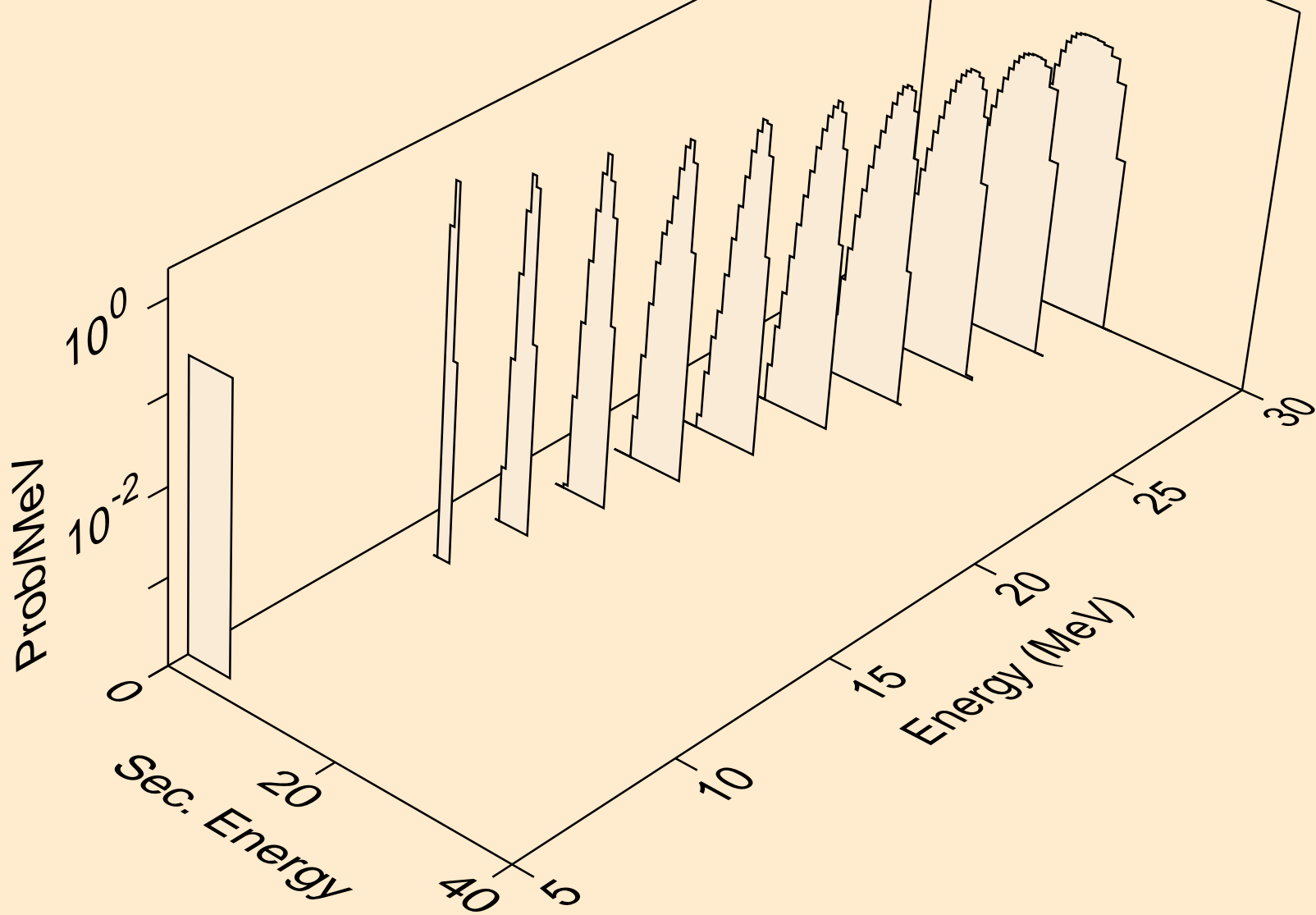


YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

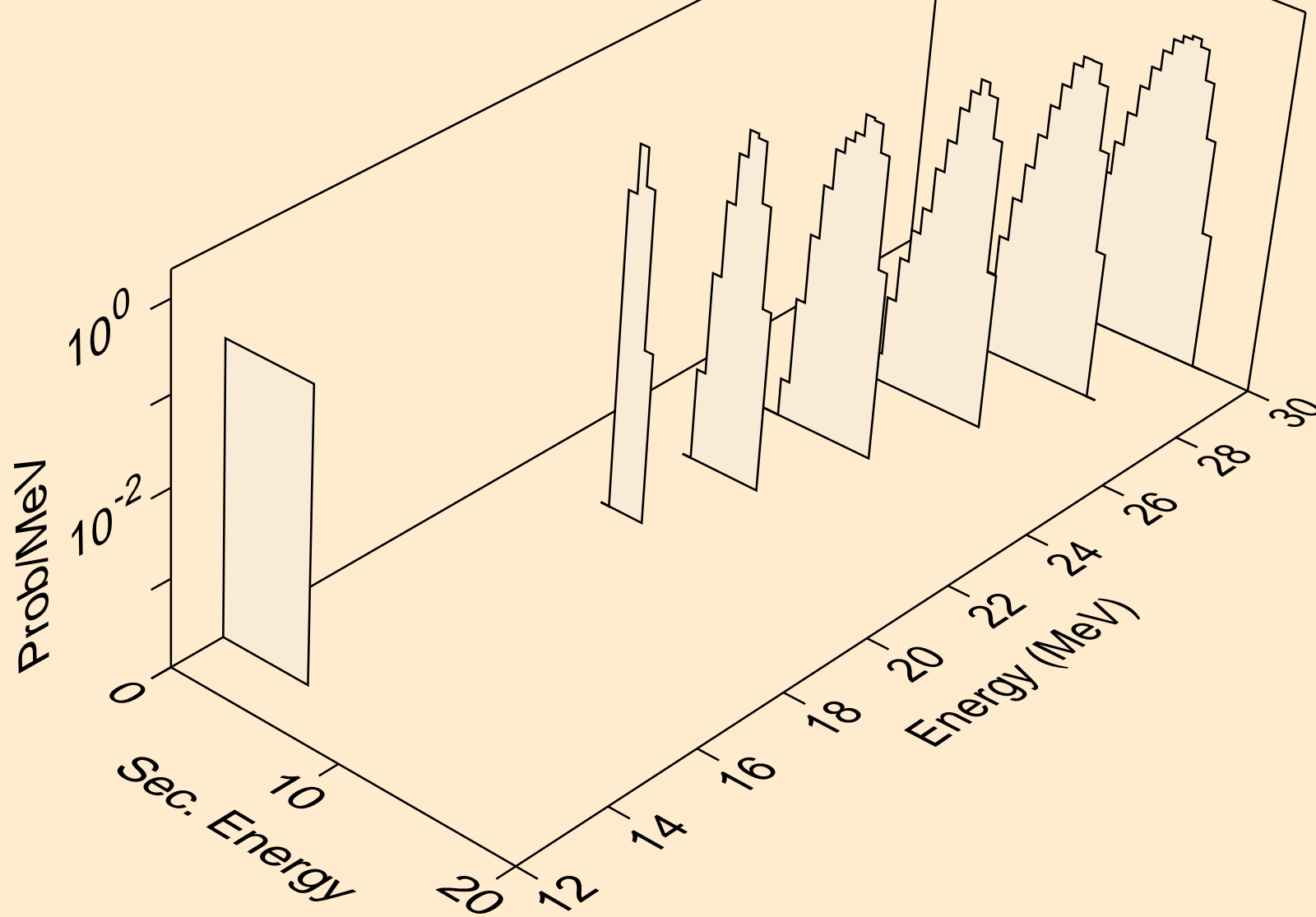




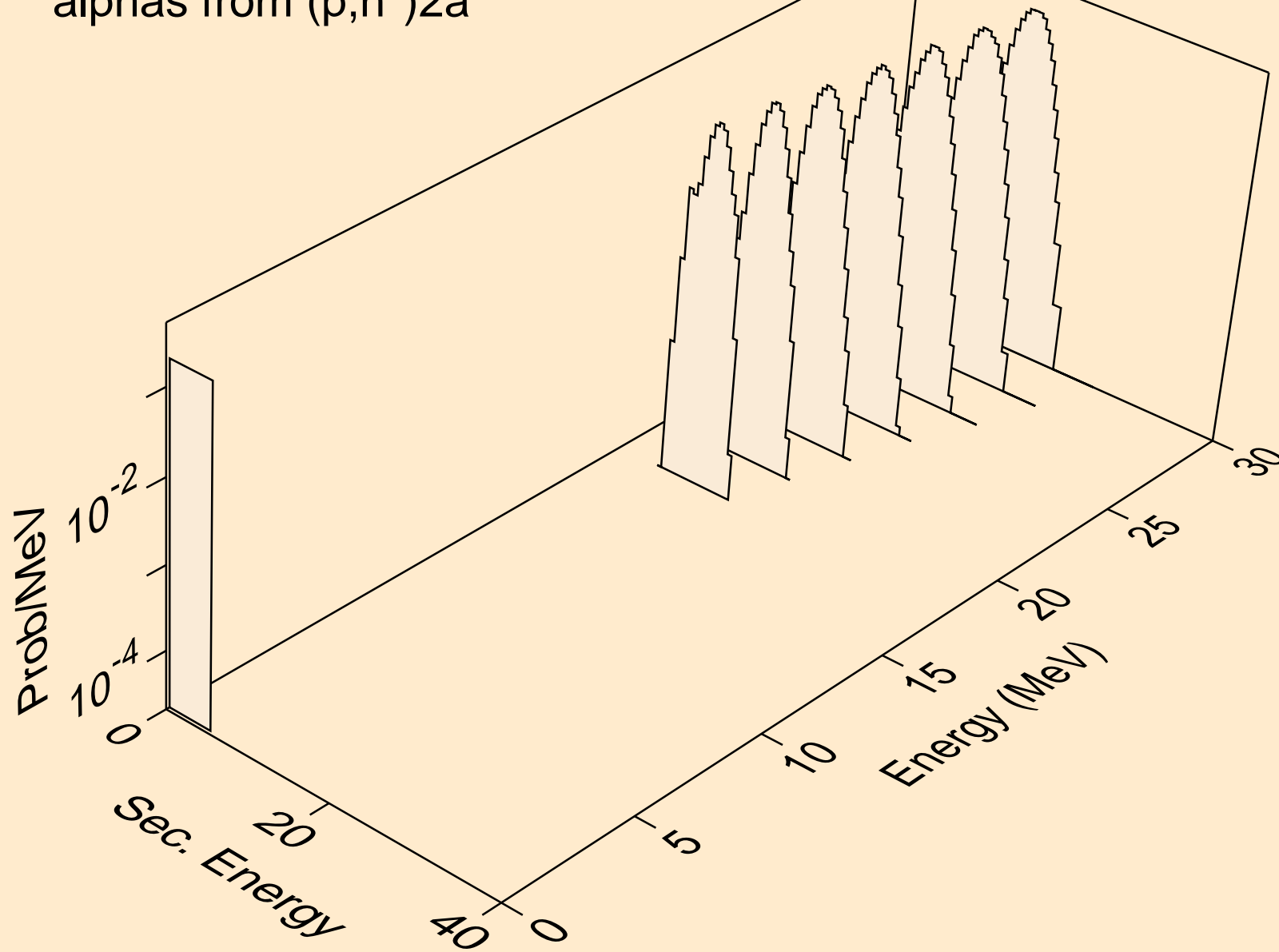
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



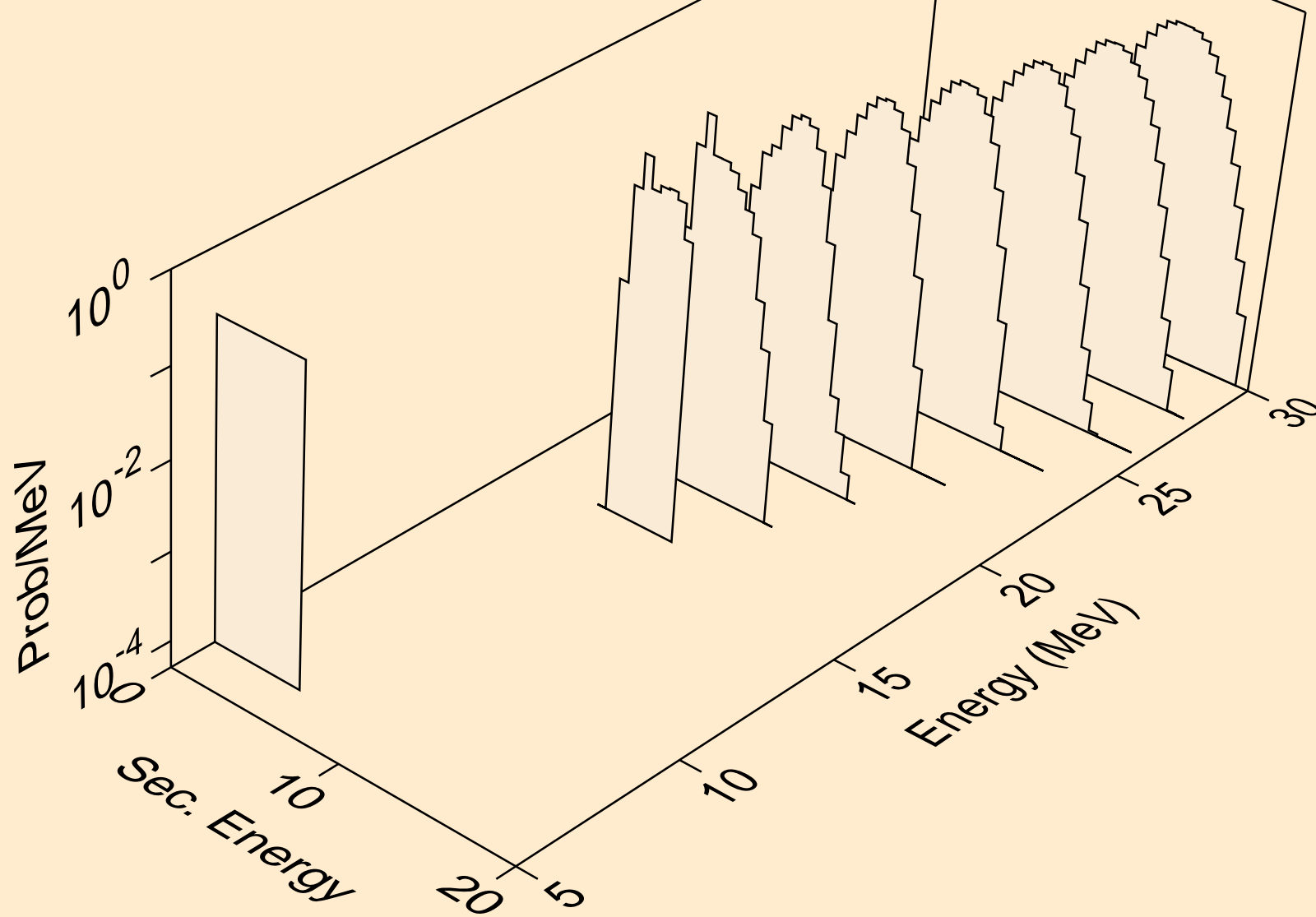
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alphas from (p,3n)a



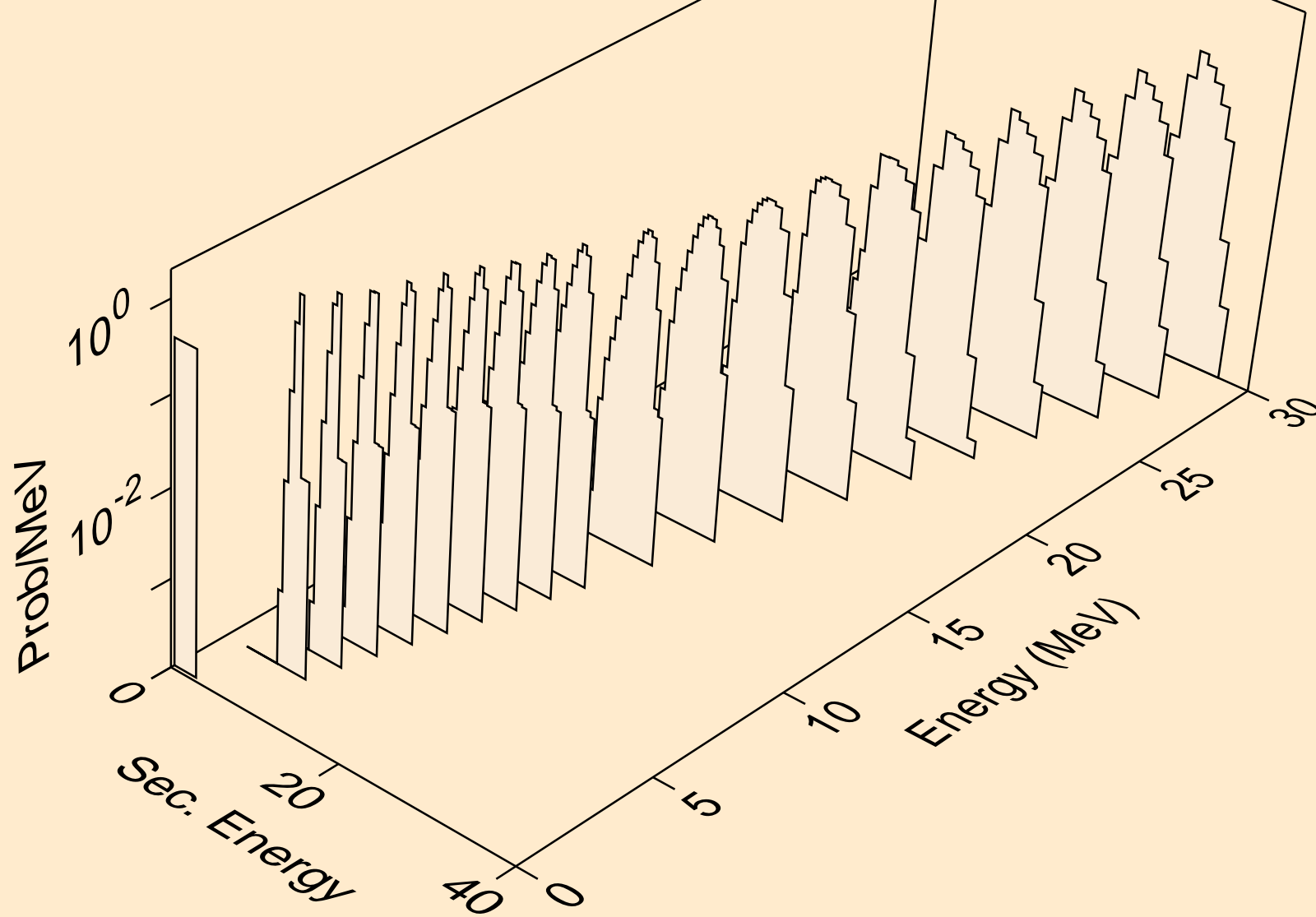
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



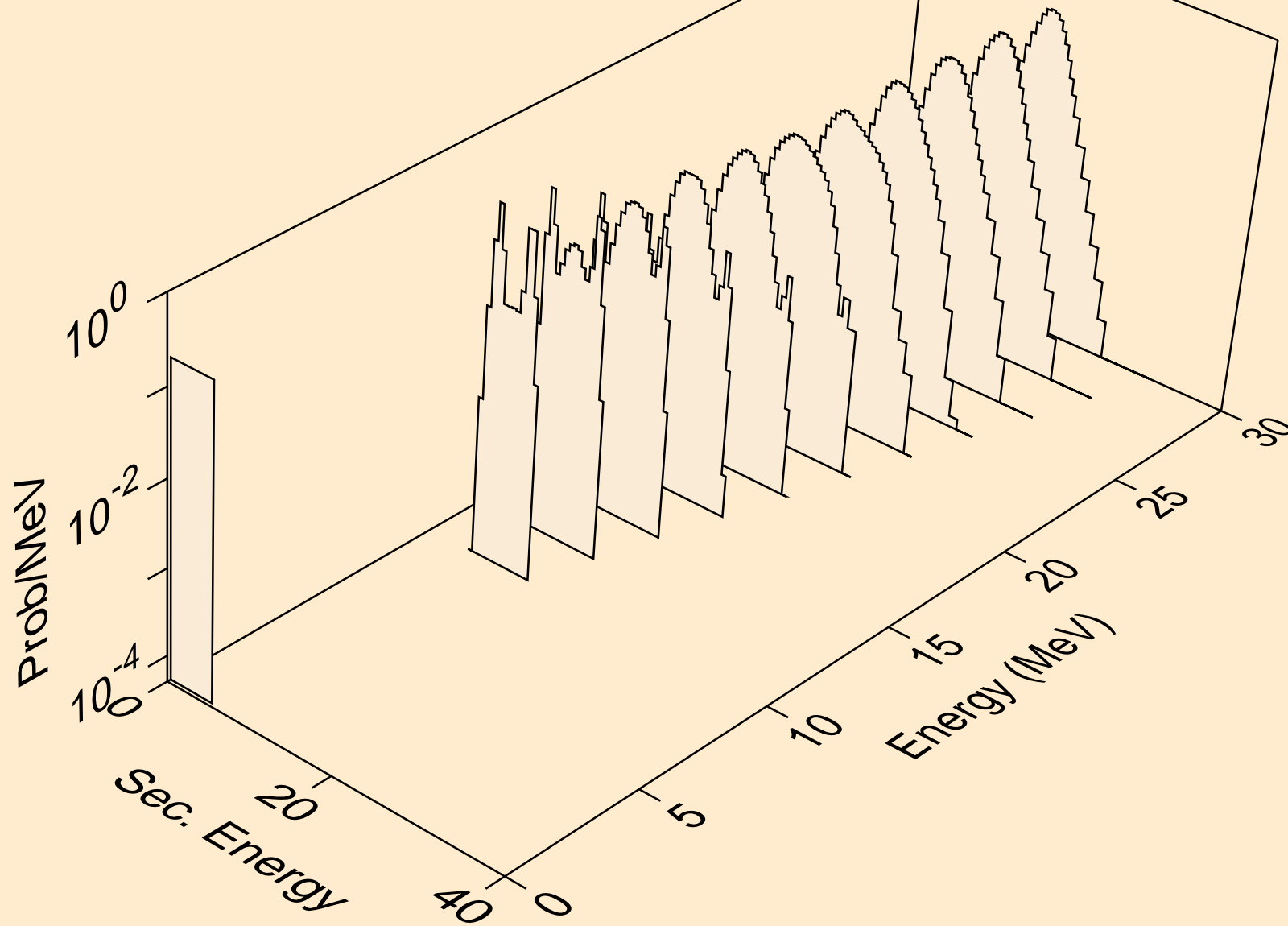
YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



YB176 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

