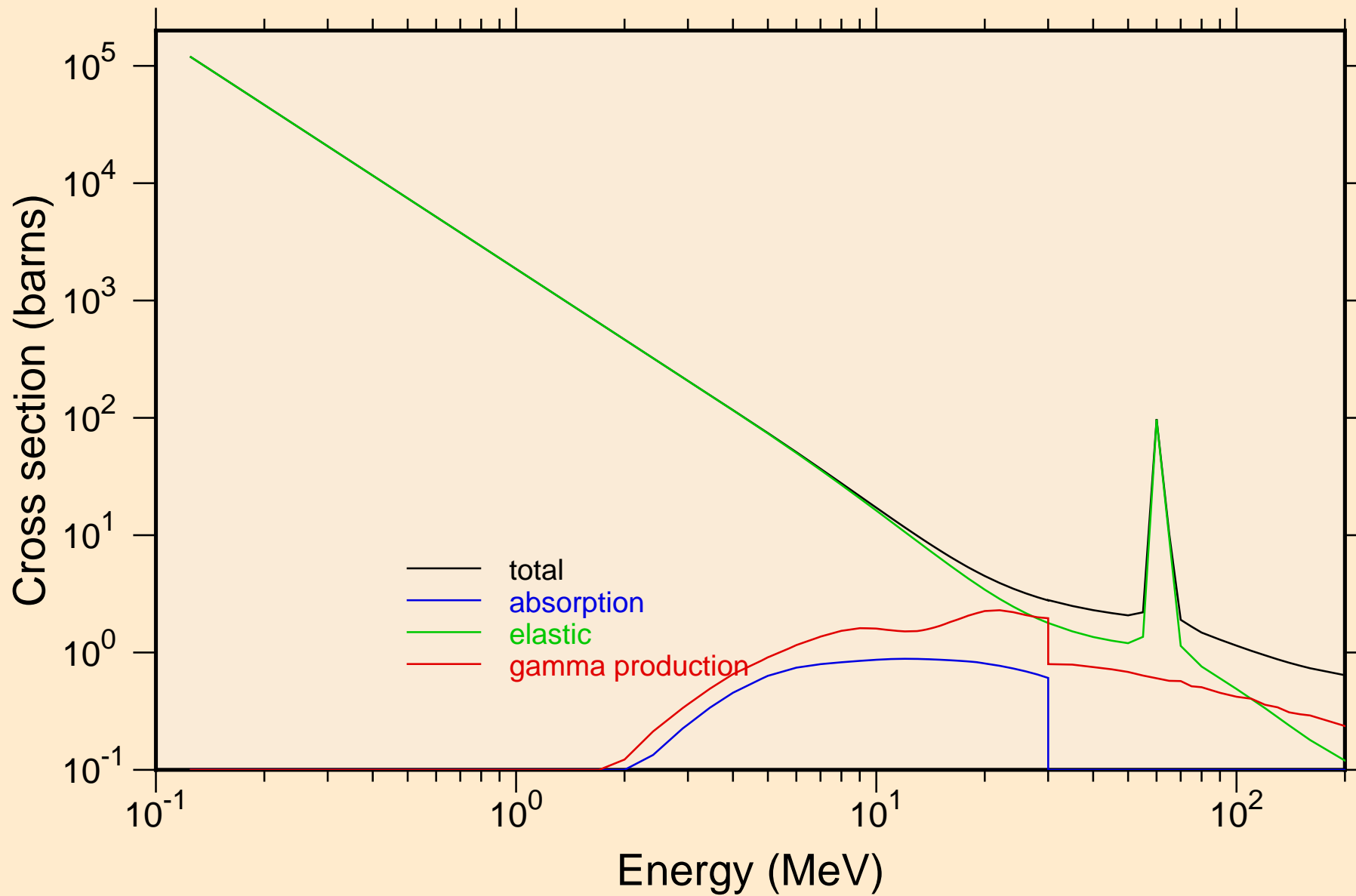


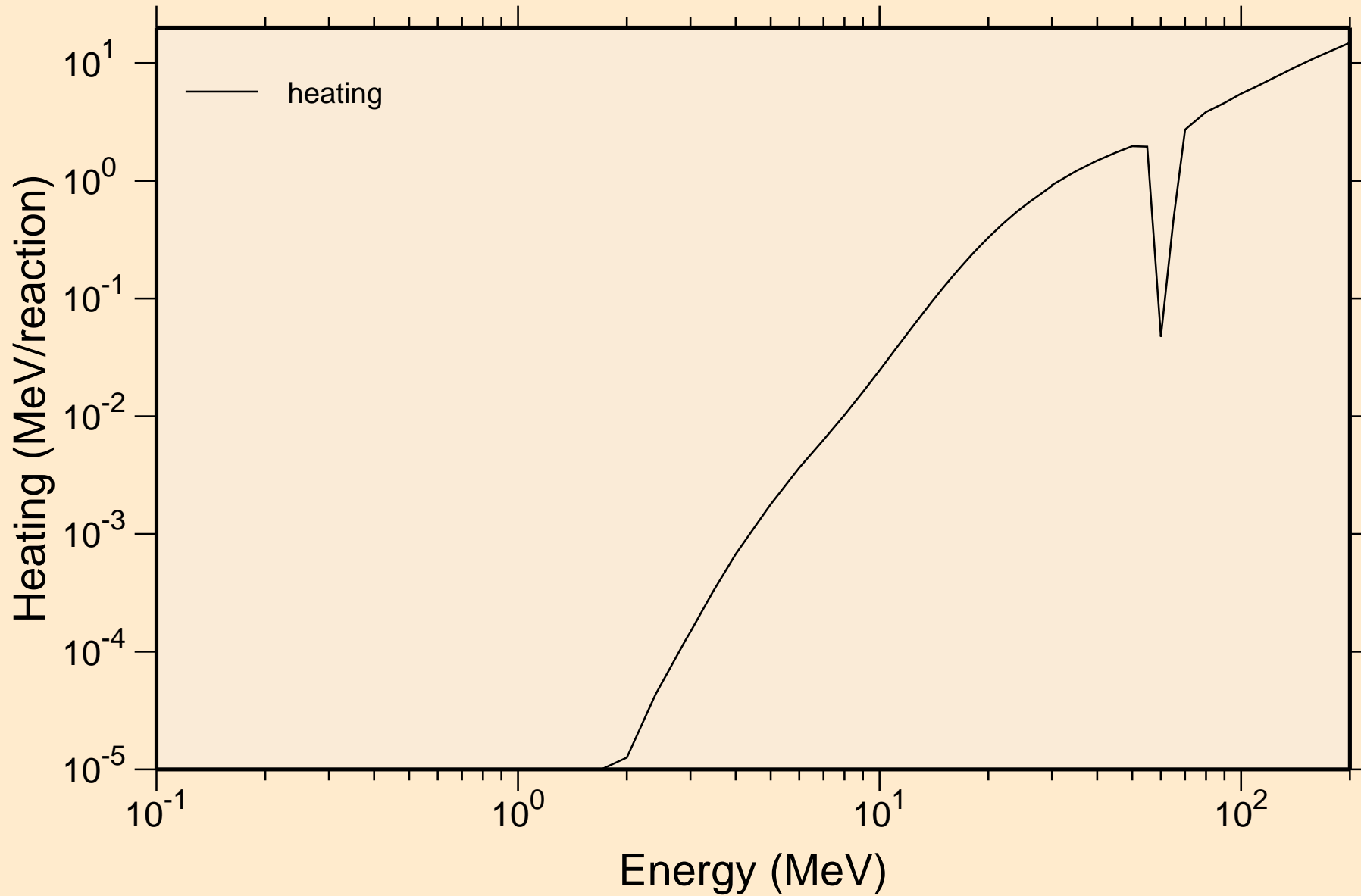
# CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



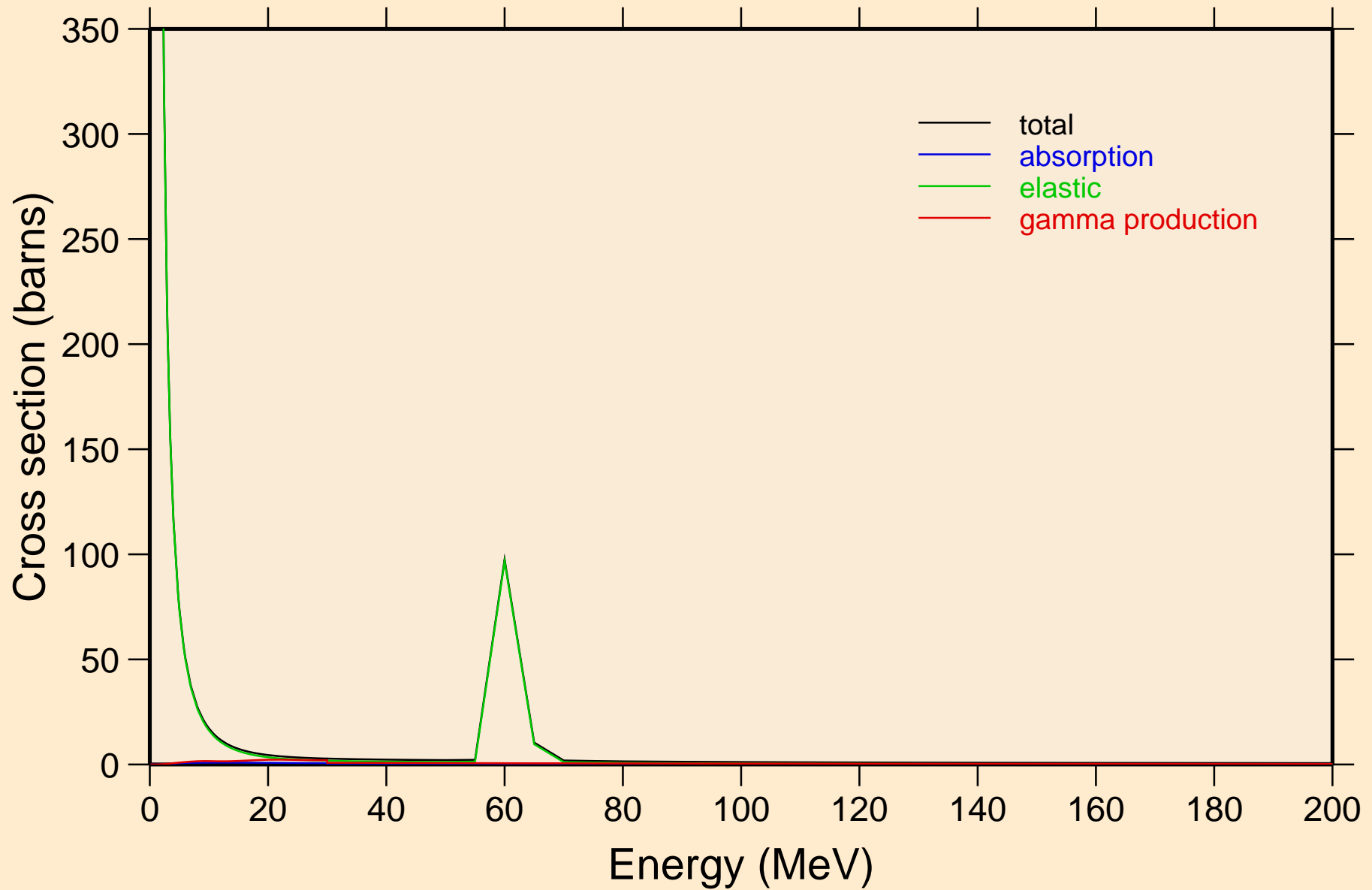
# CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



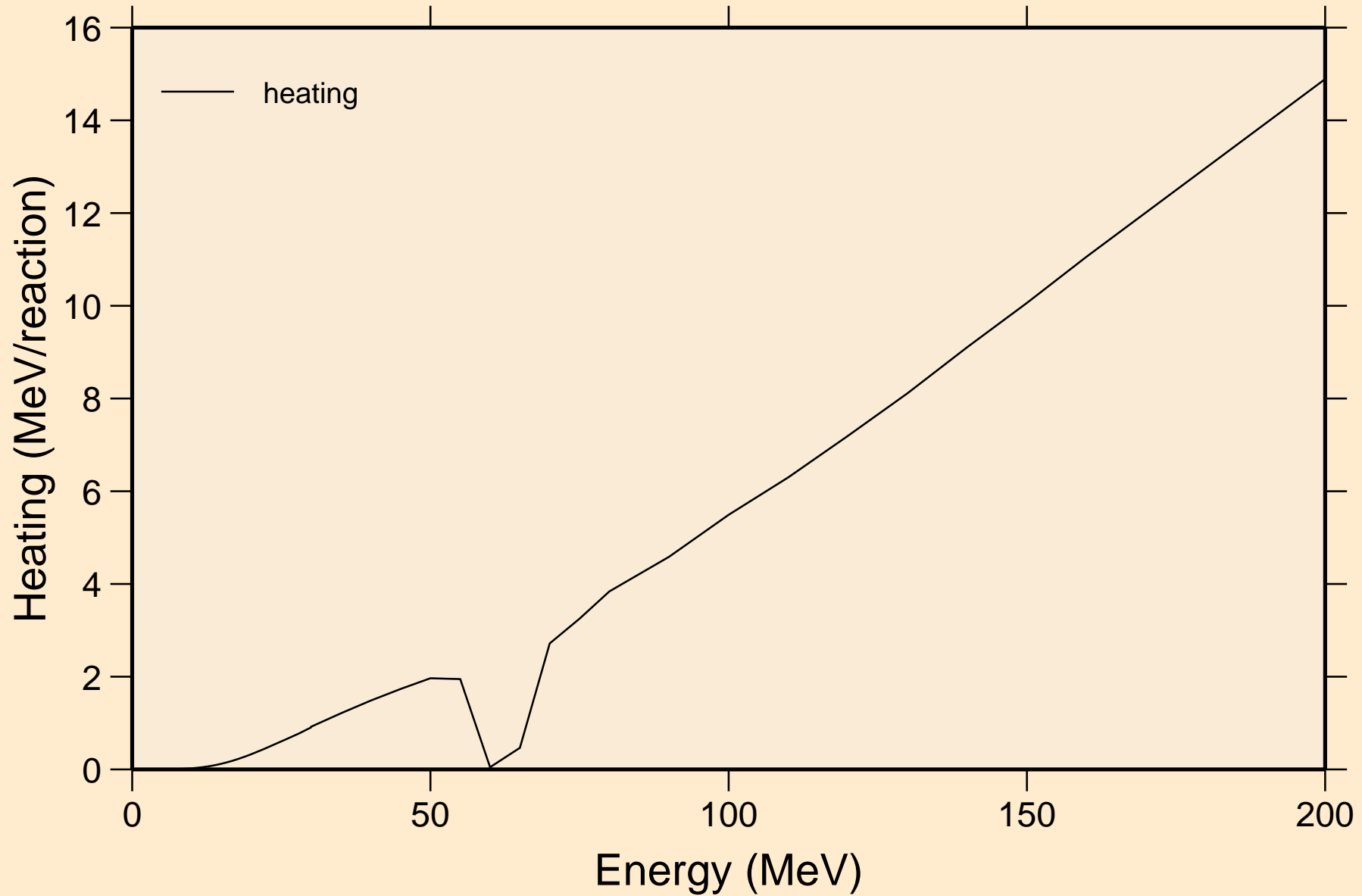
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## Principal cross sections



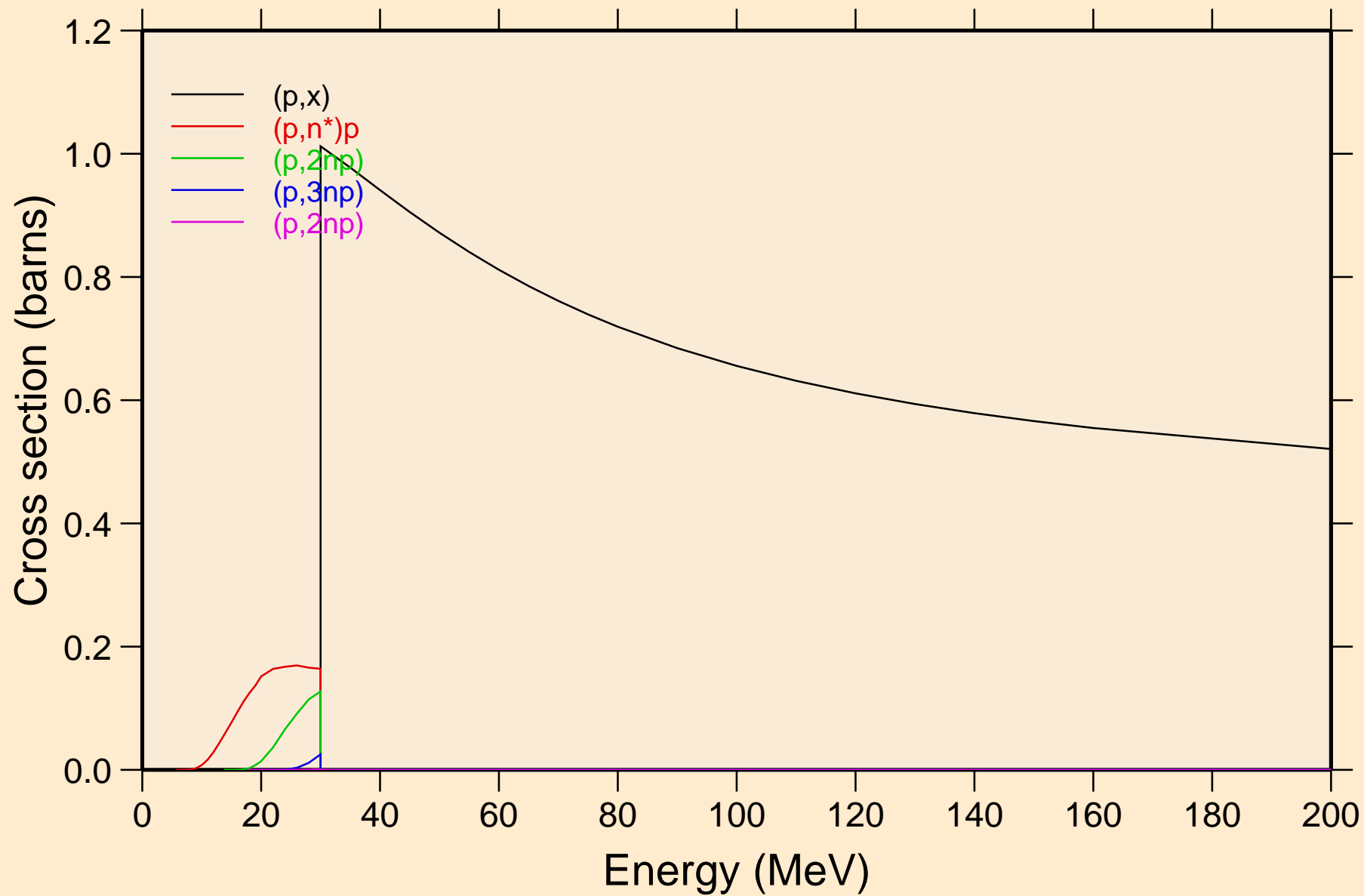
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## Heating

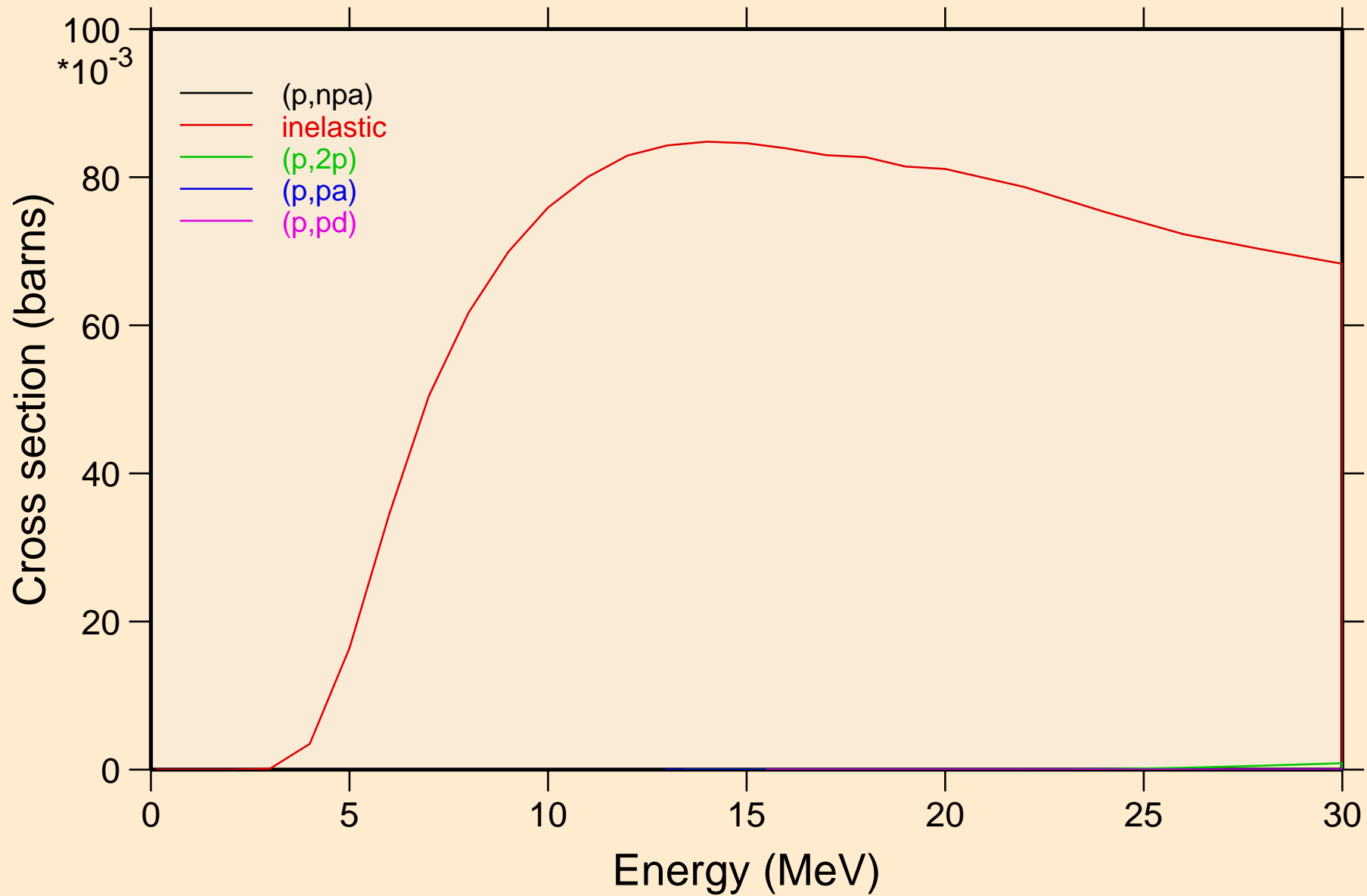


# CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

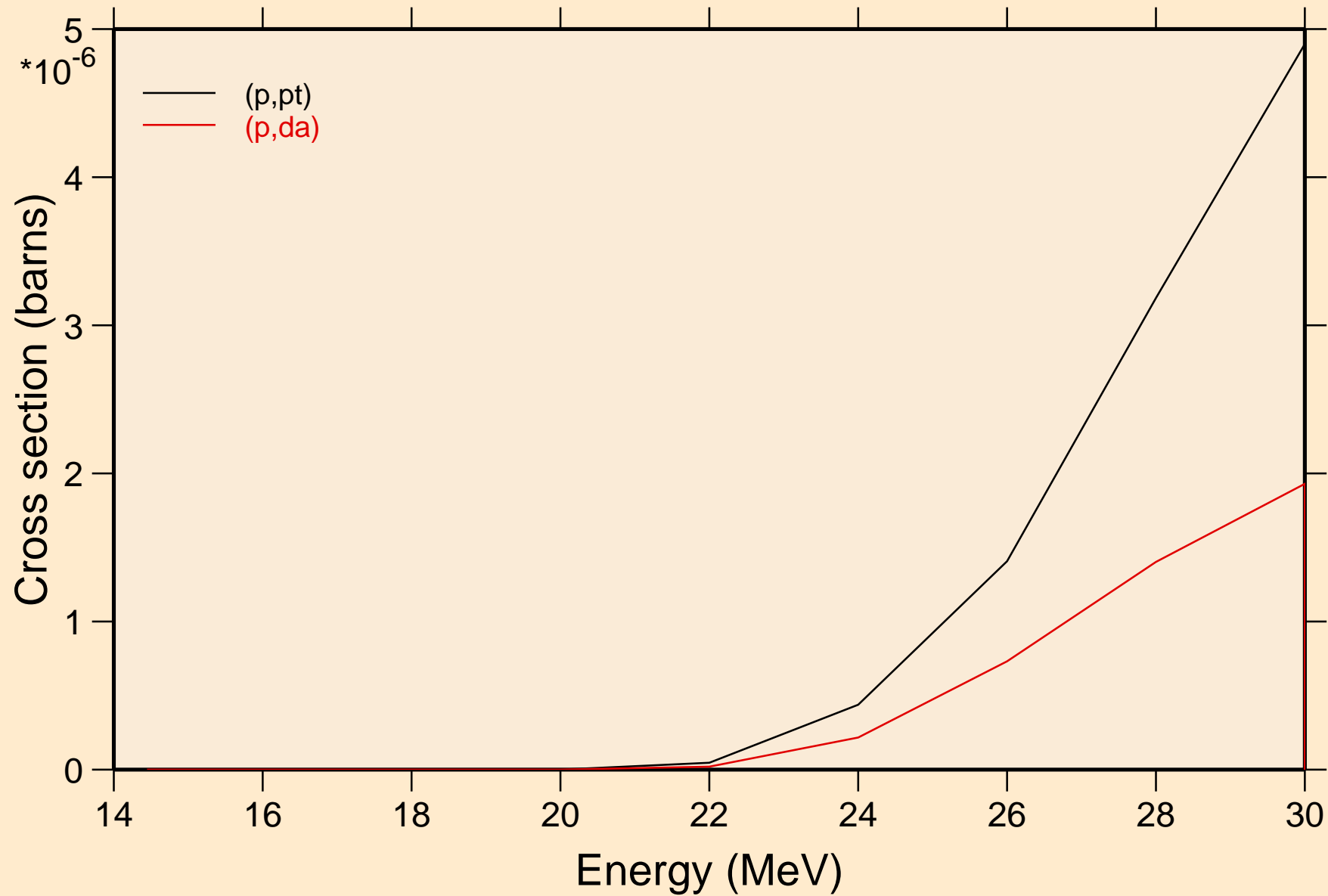
## Threshold reactions



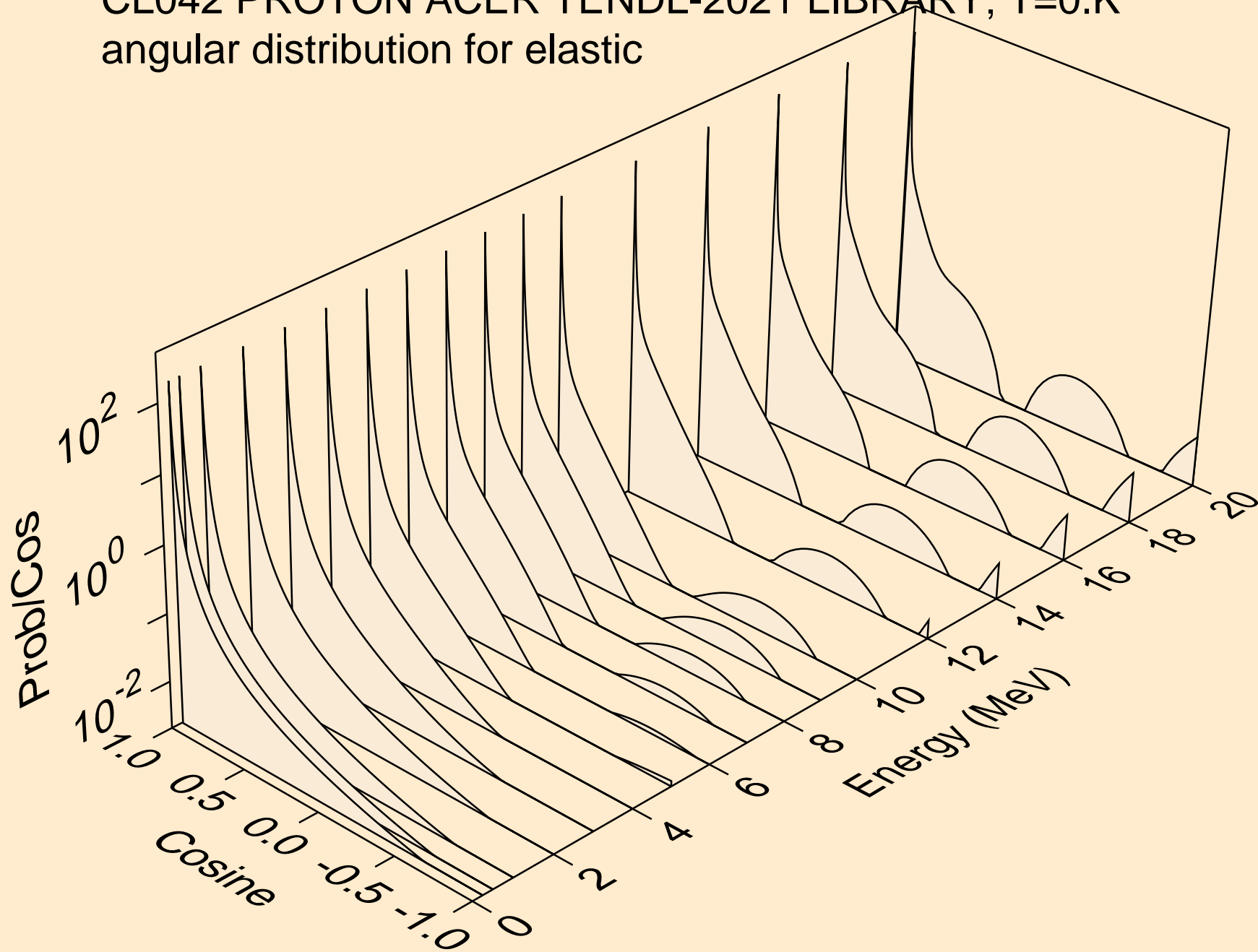
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

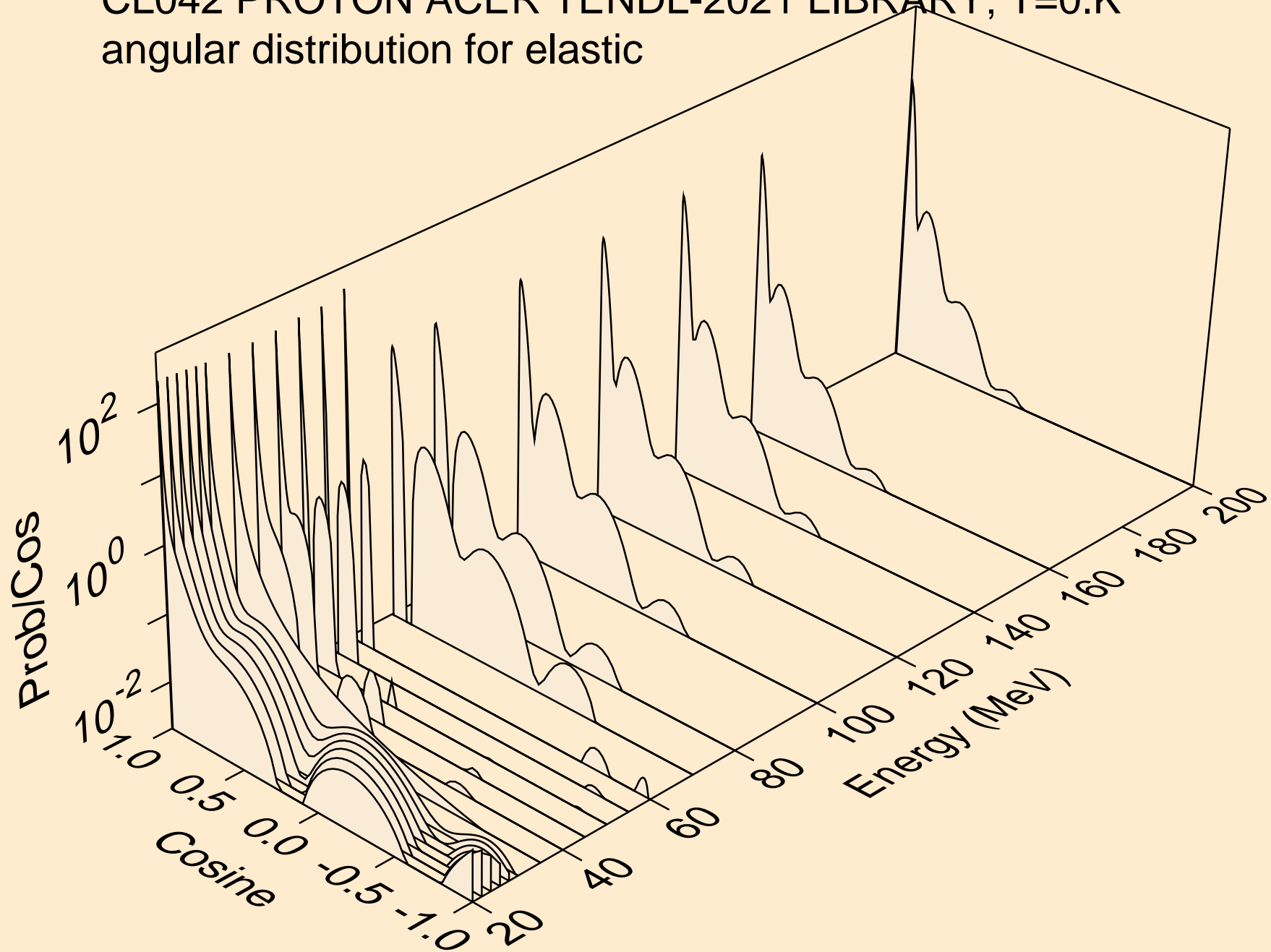


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

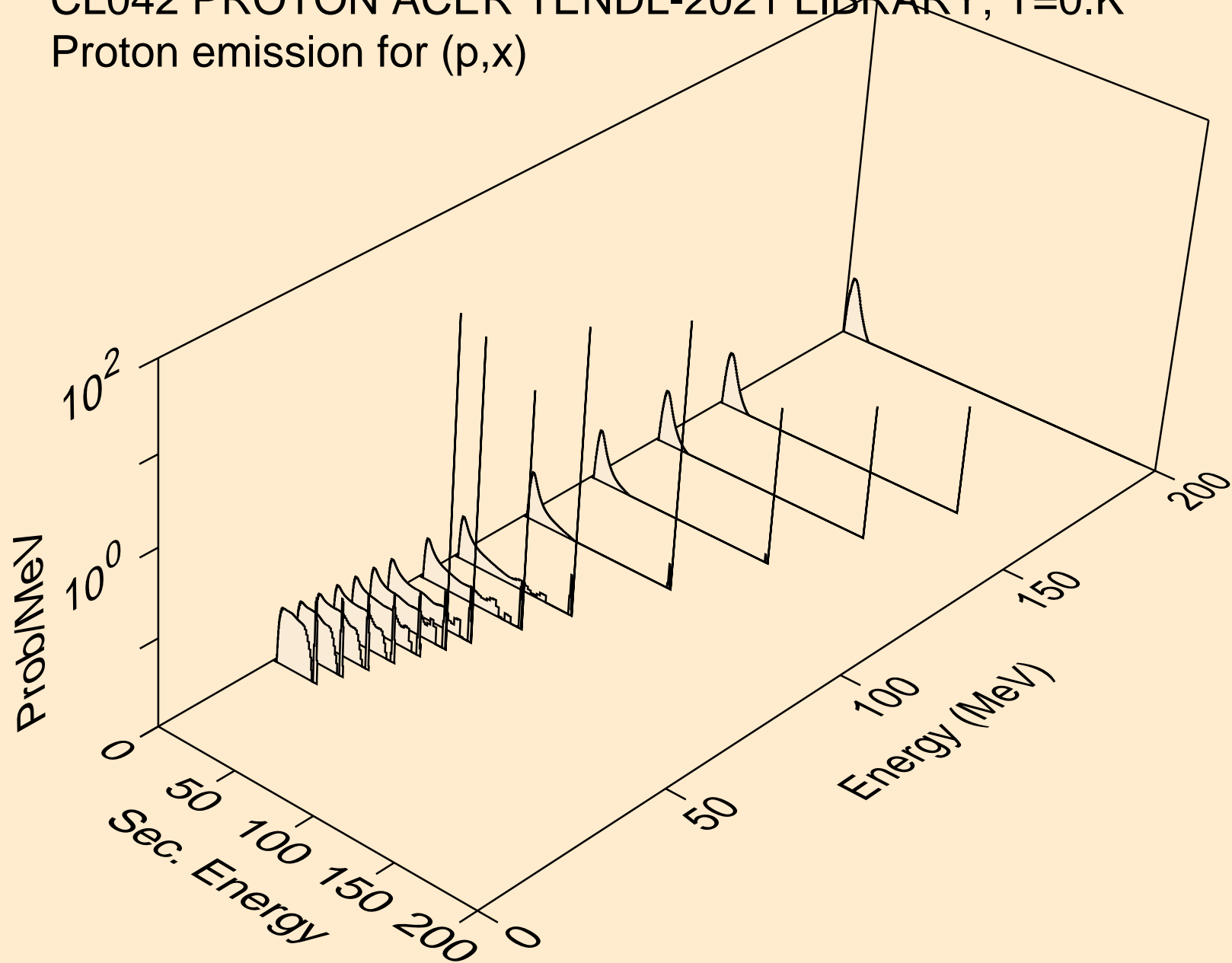




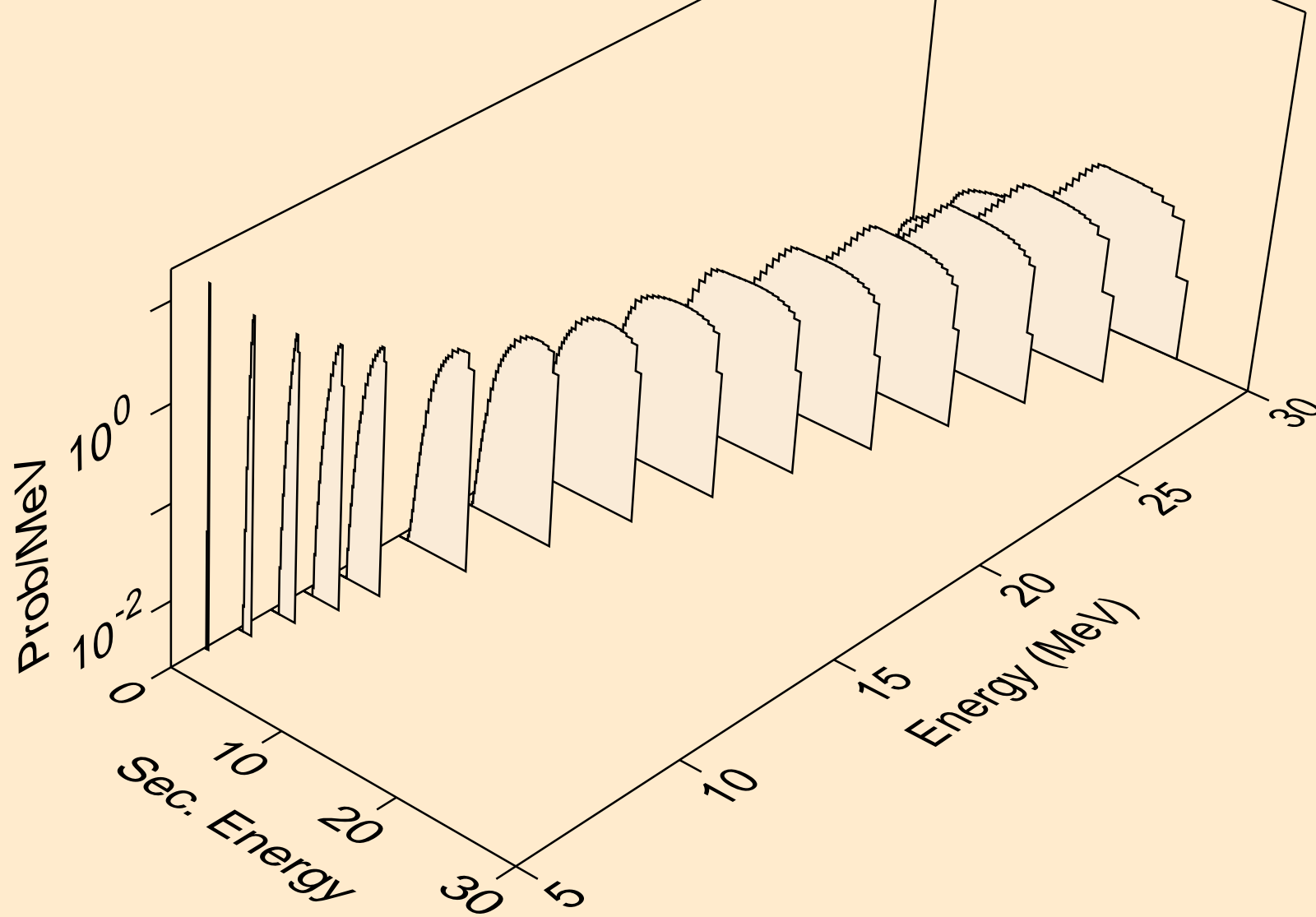
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



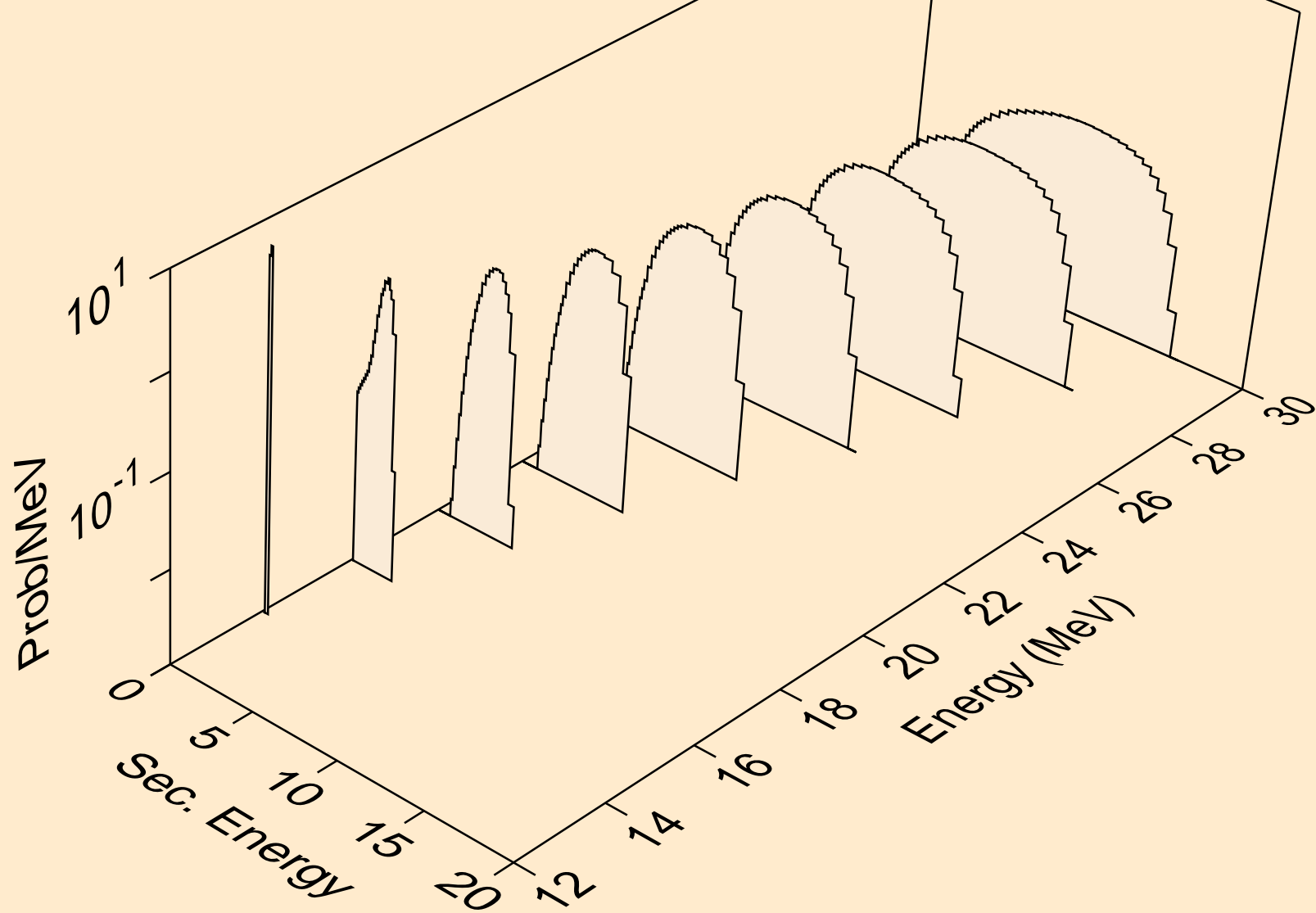
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



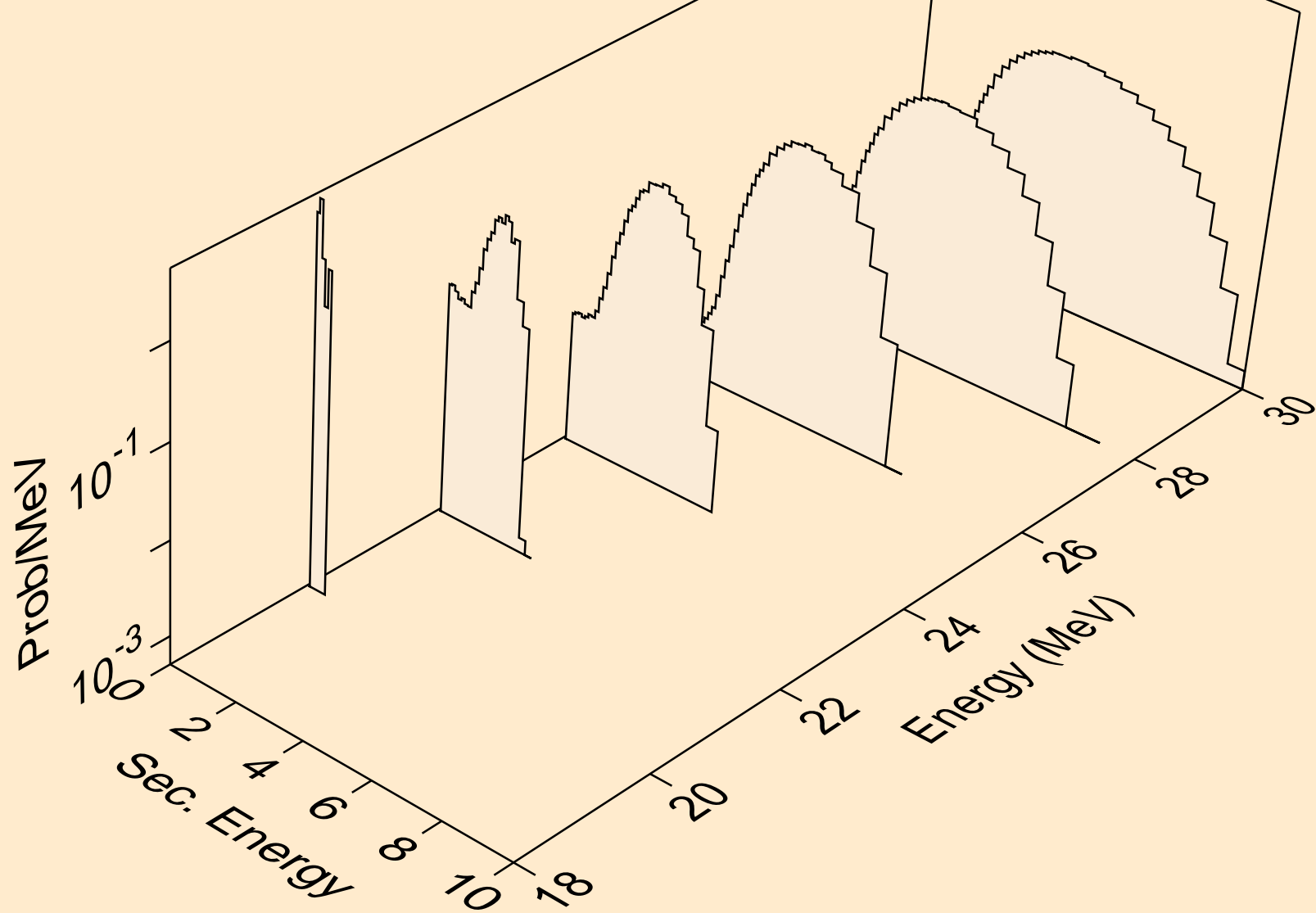
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



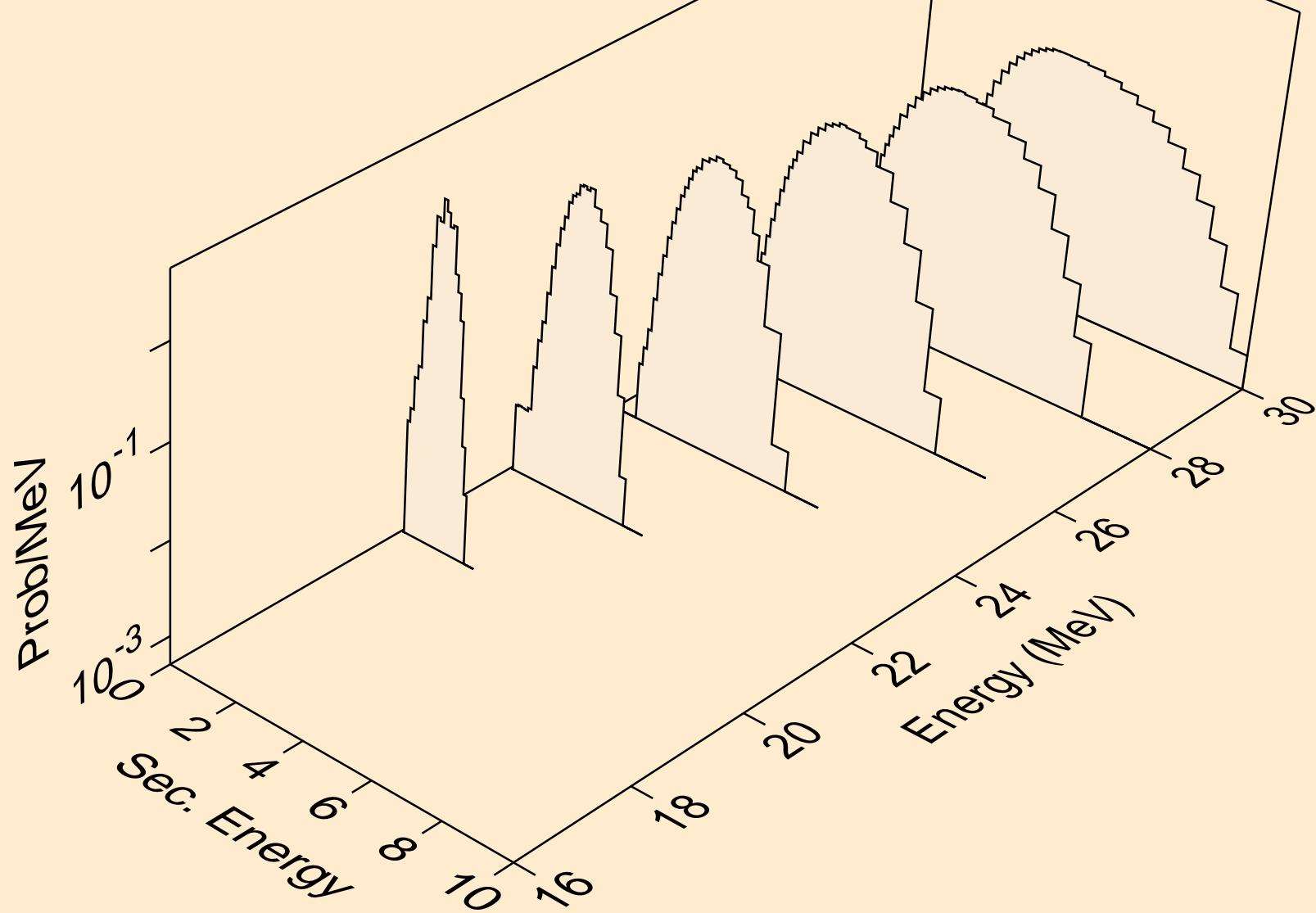
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



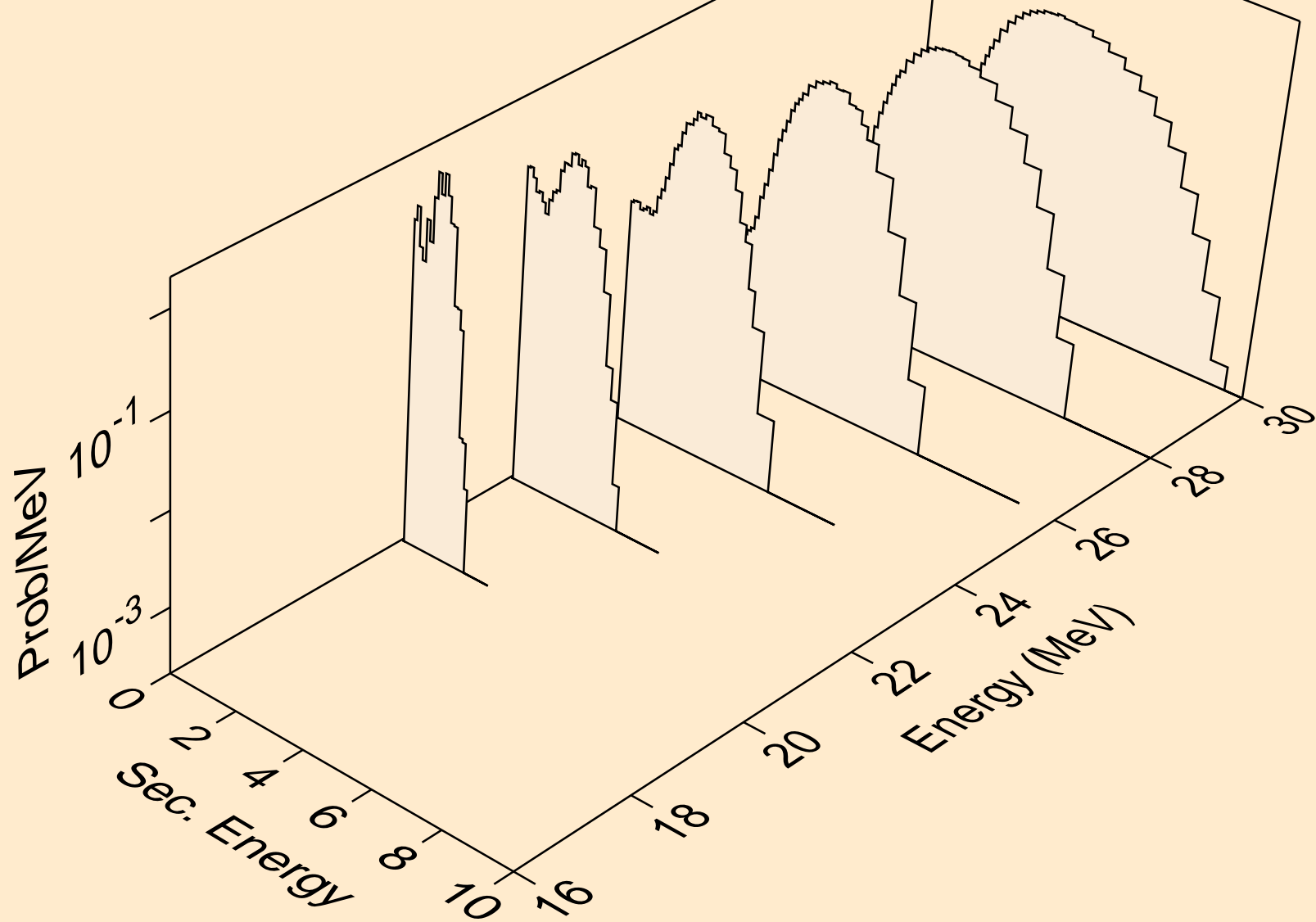
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



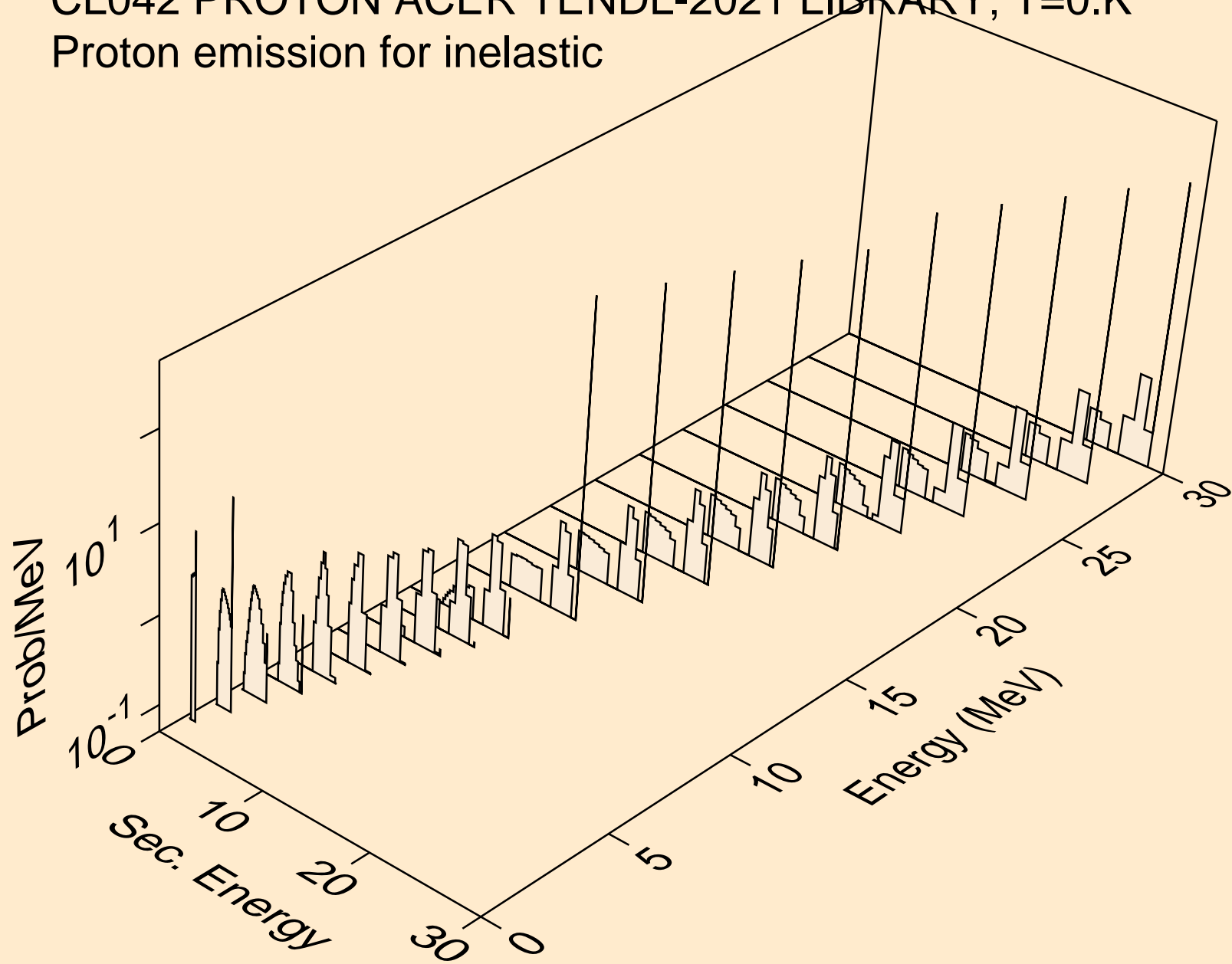
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

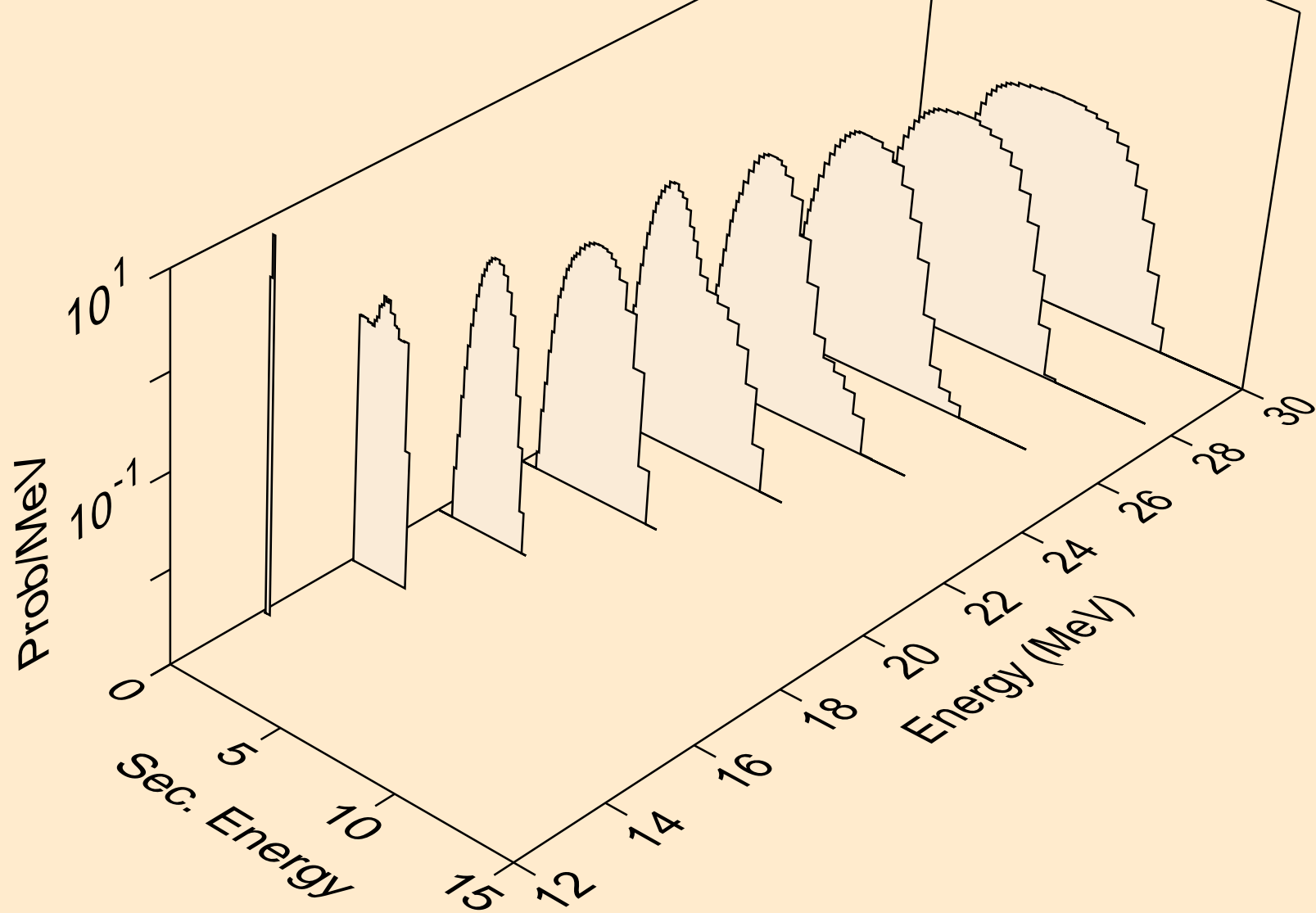


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

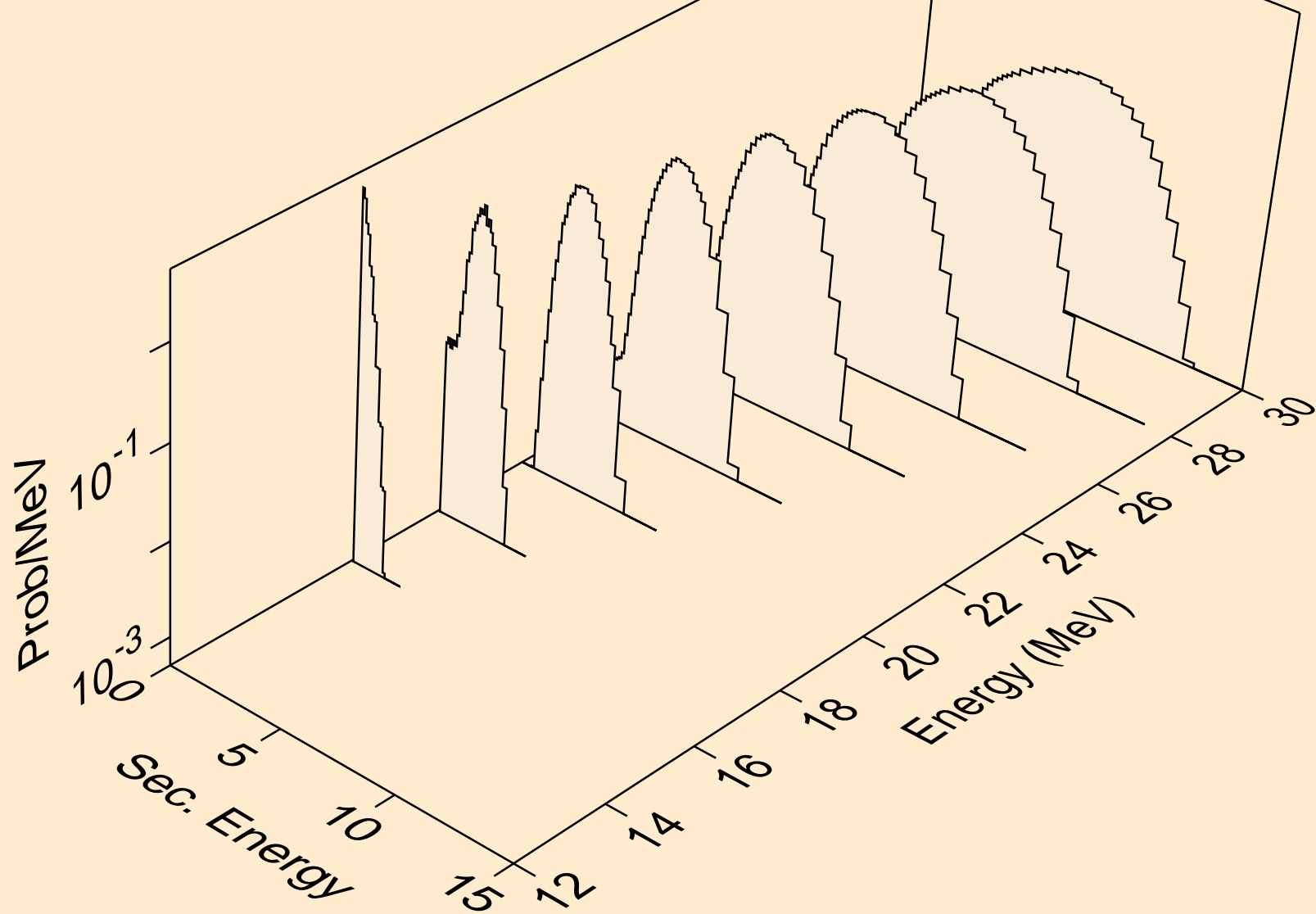




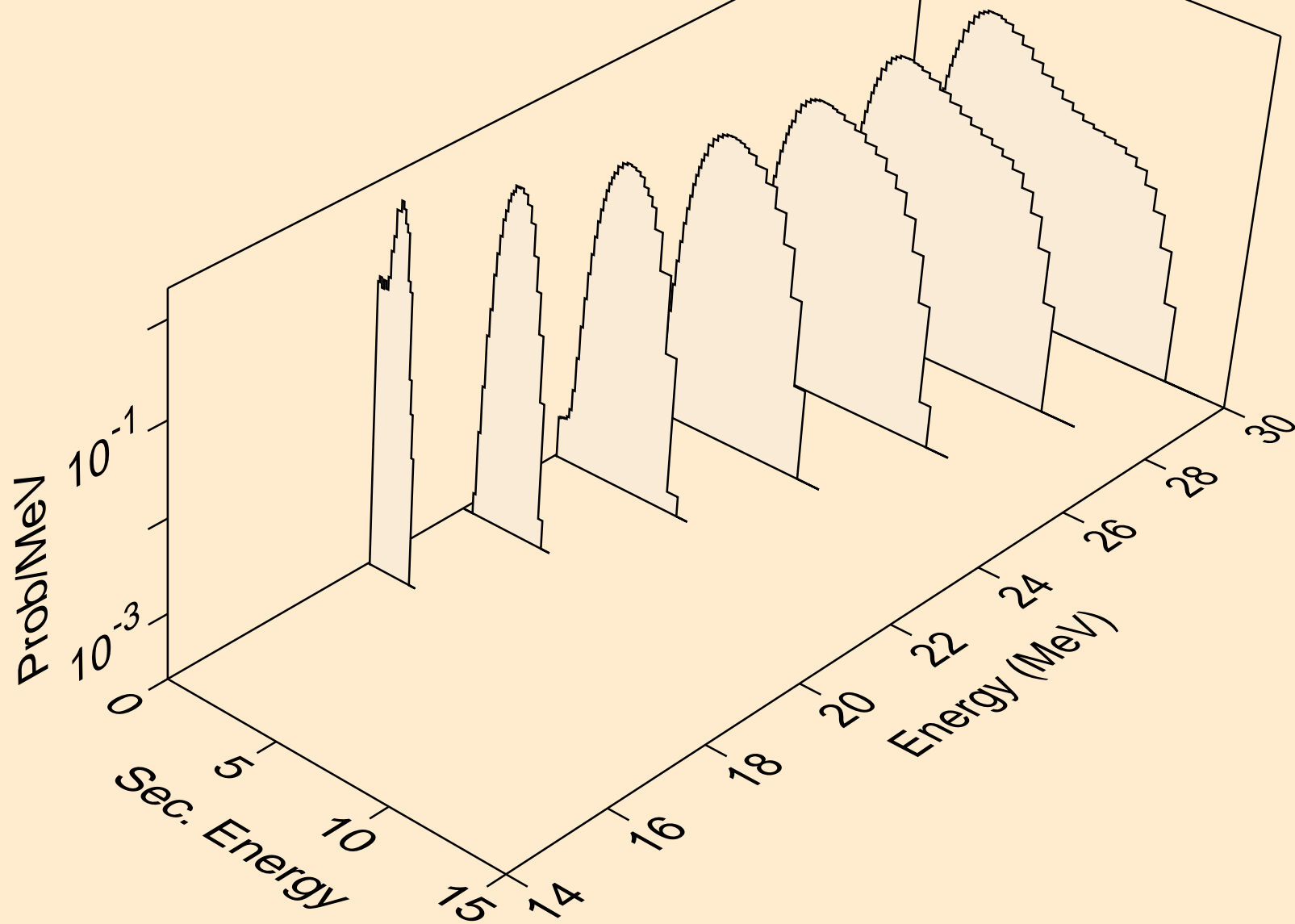
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



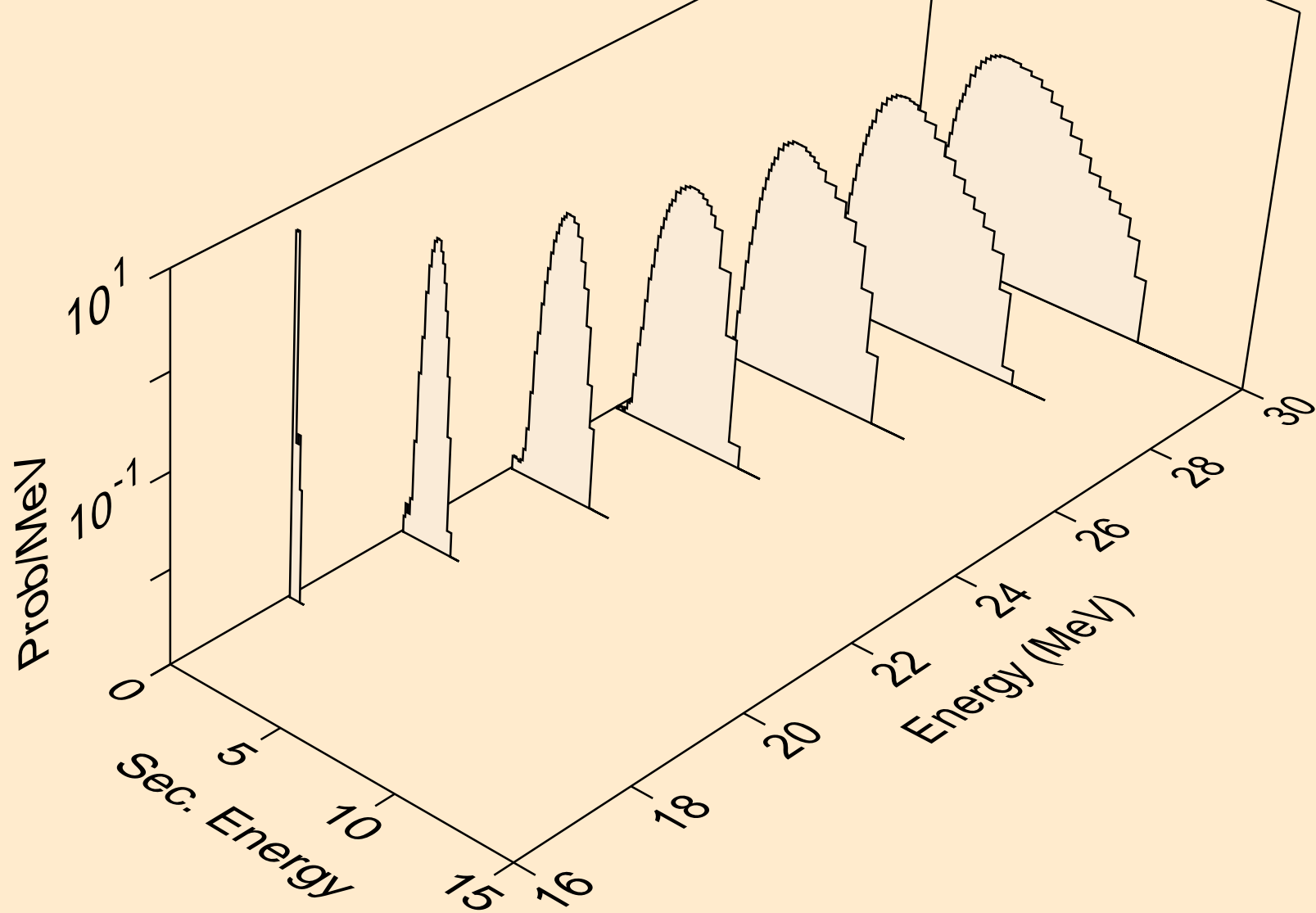
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



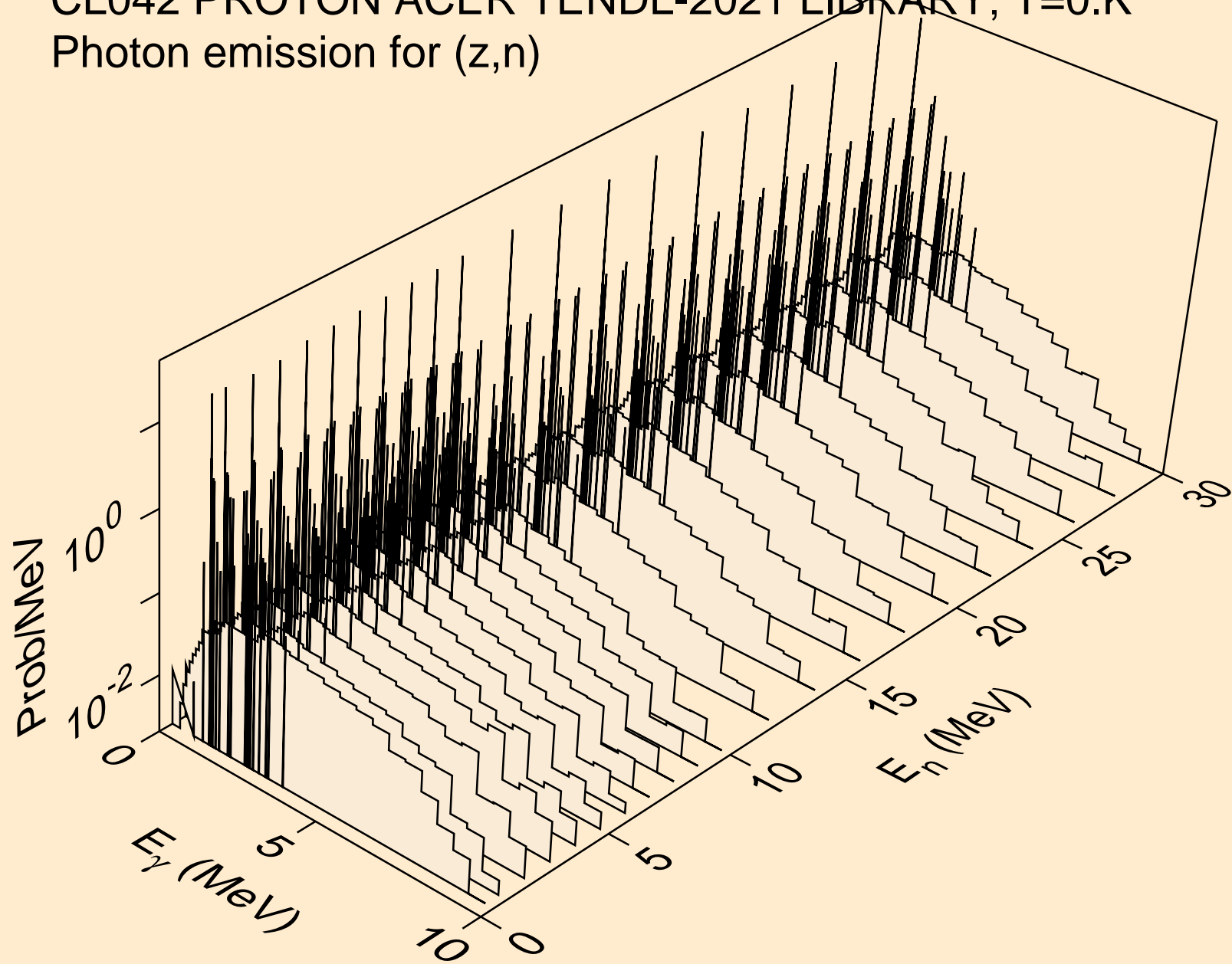
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



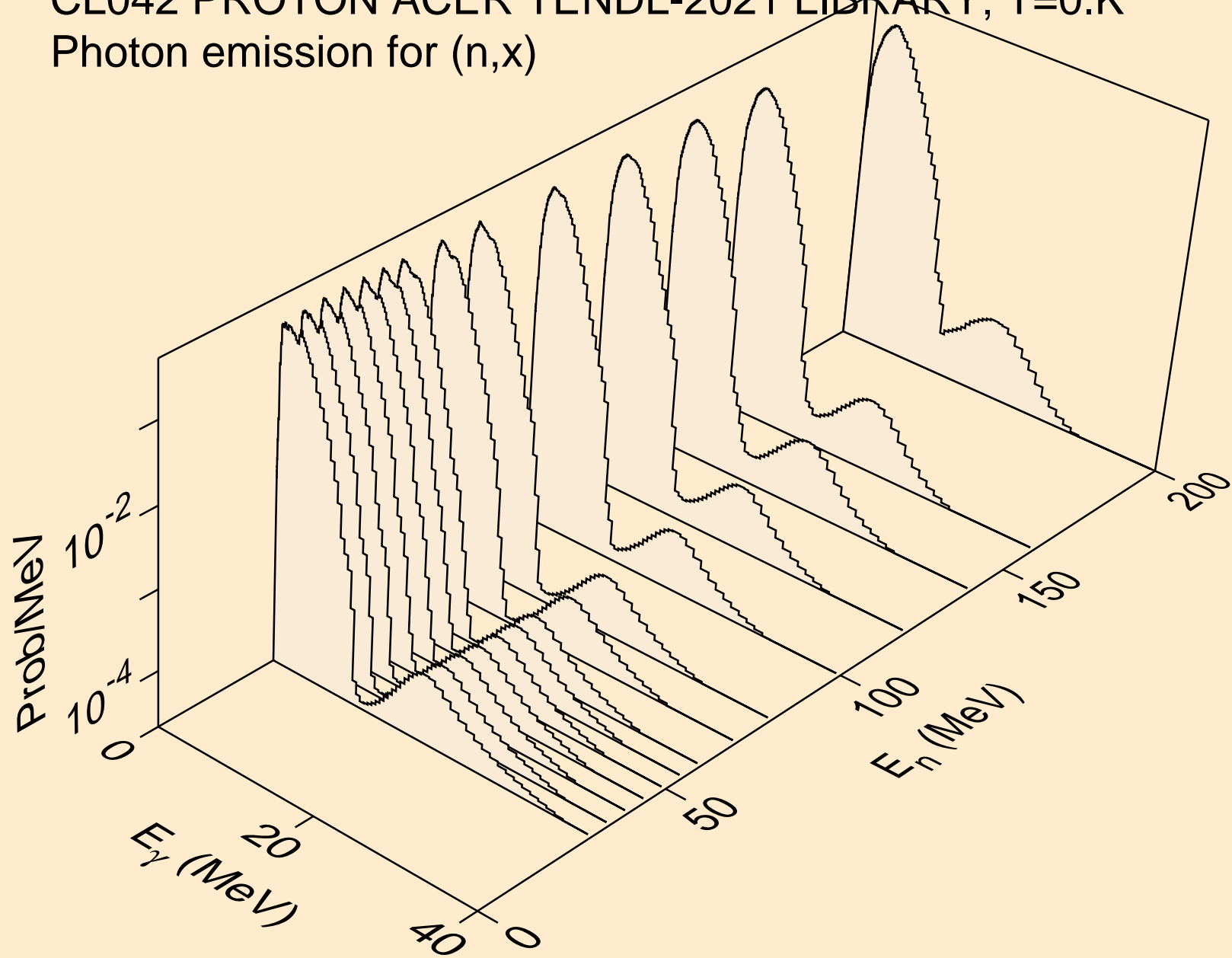
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



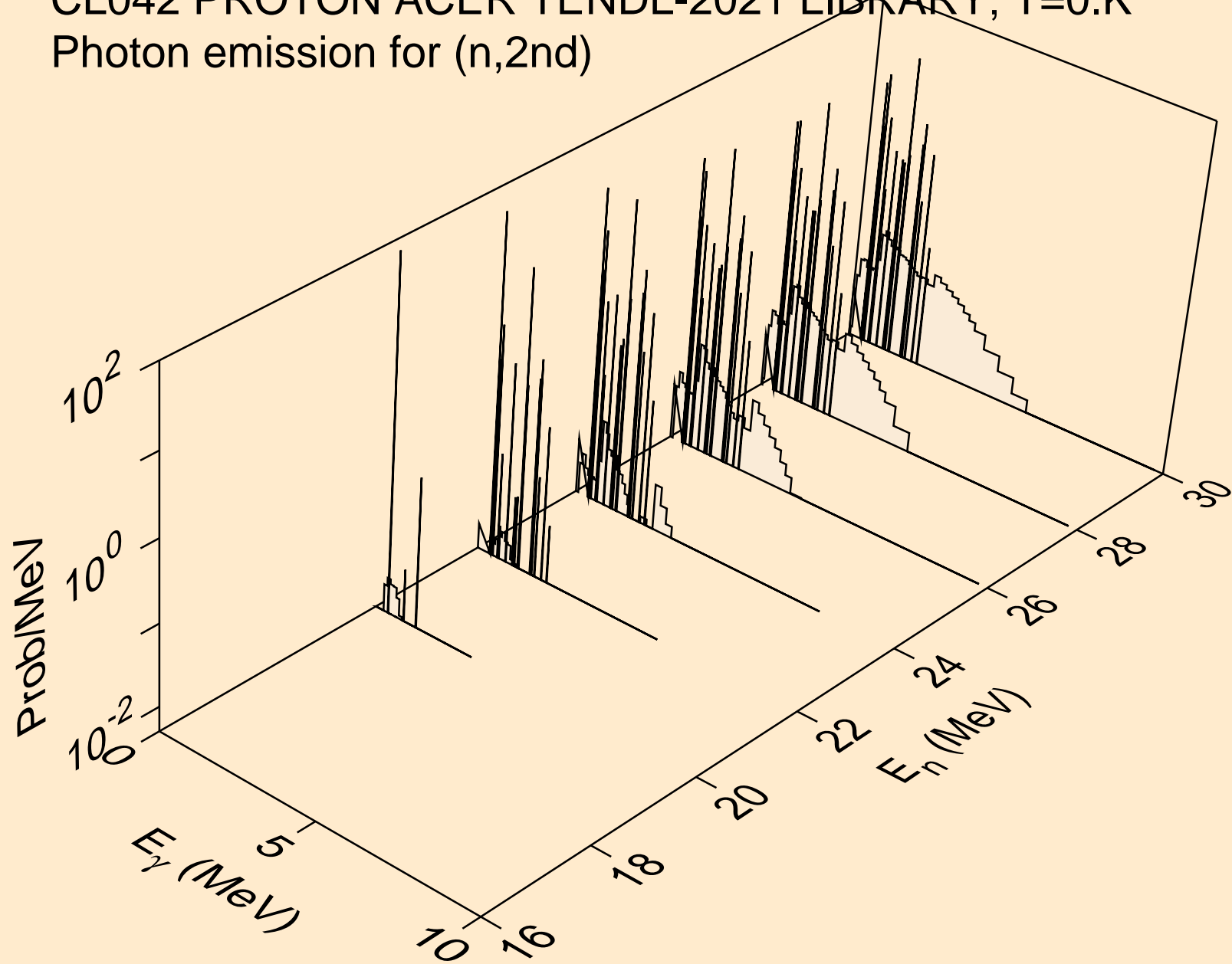
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



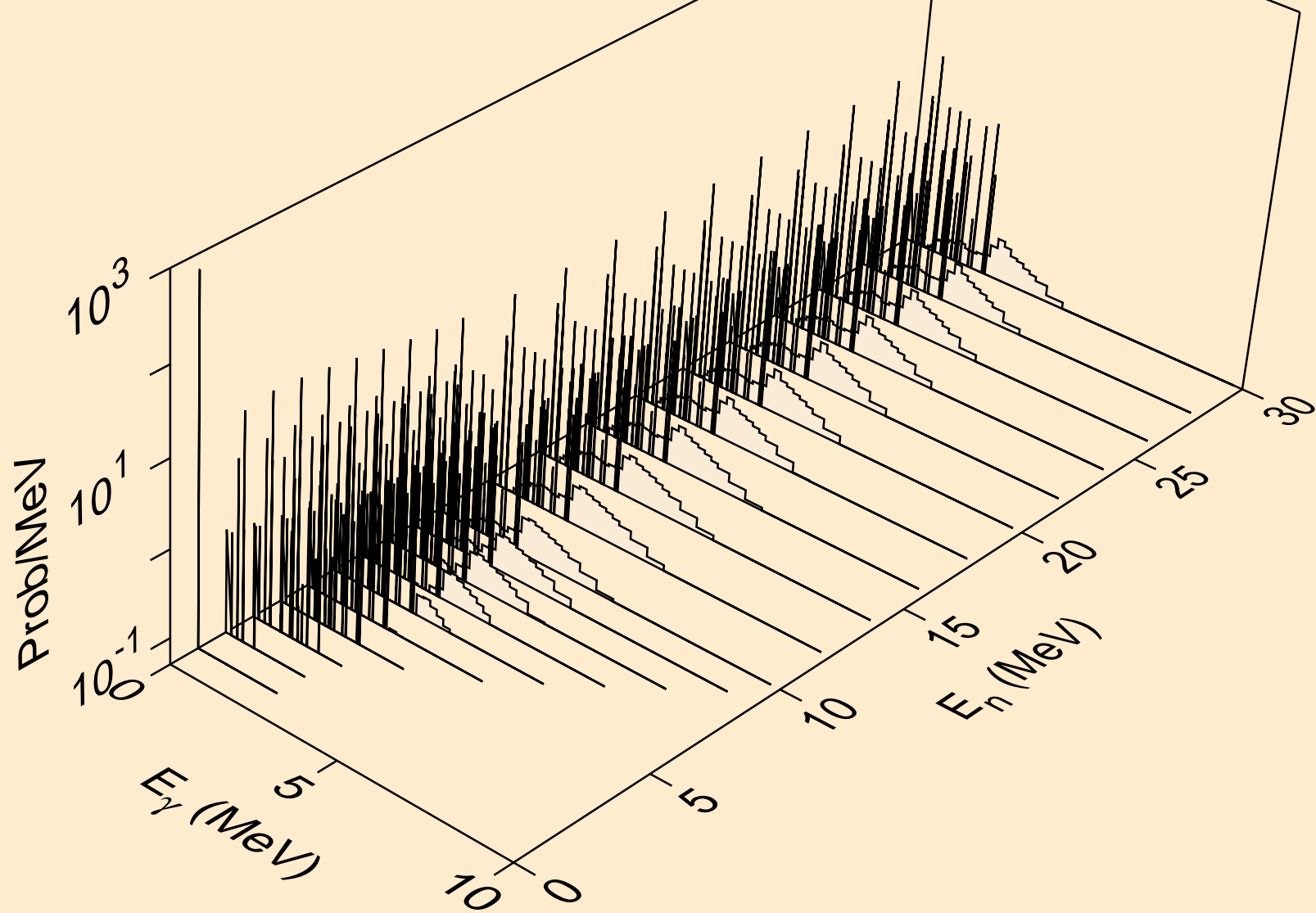
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

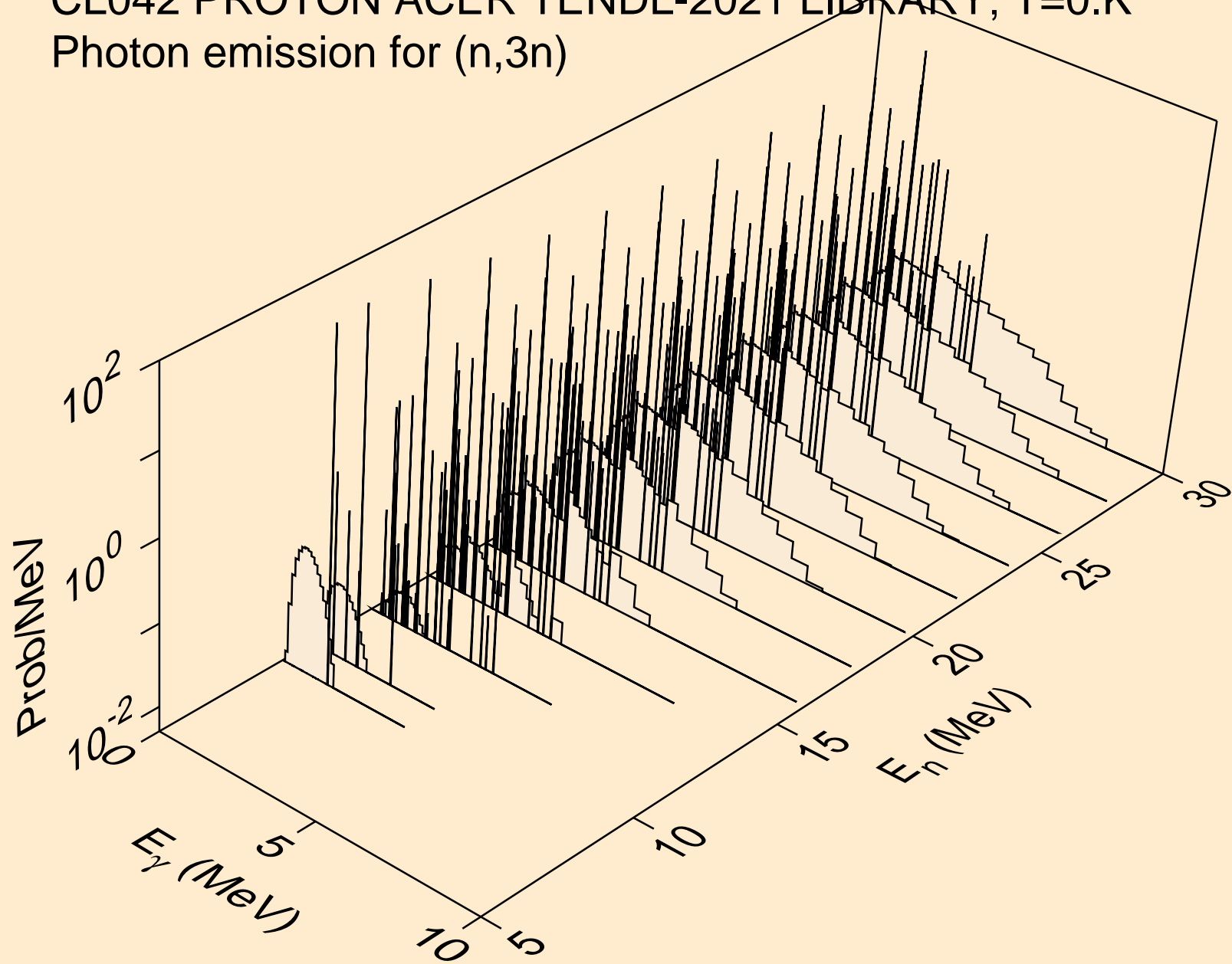


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

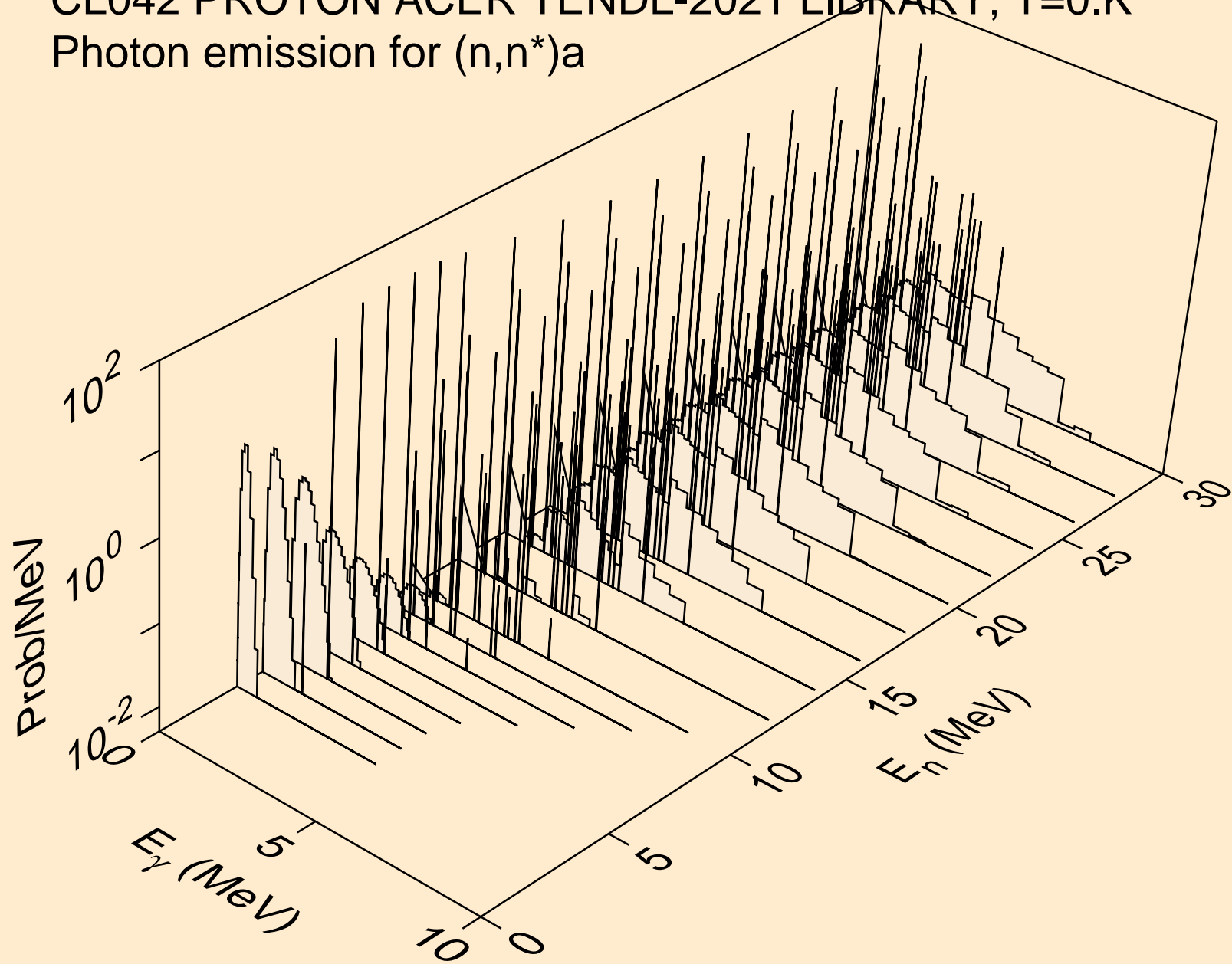




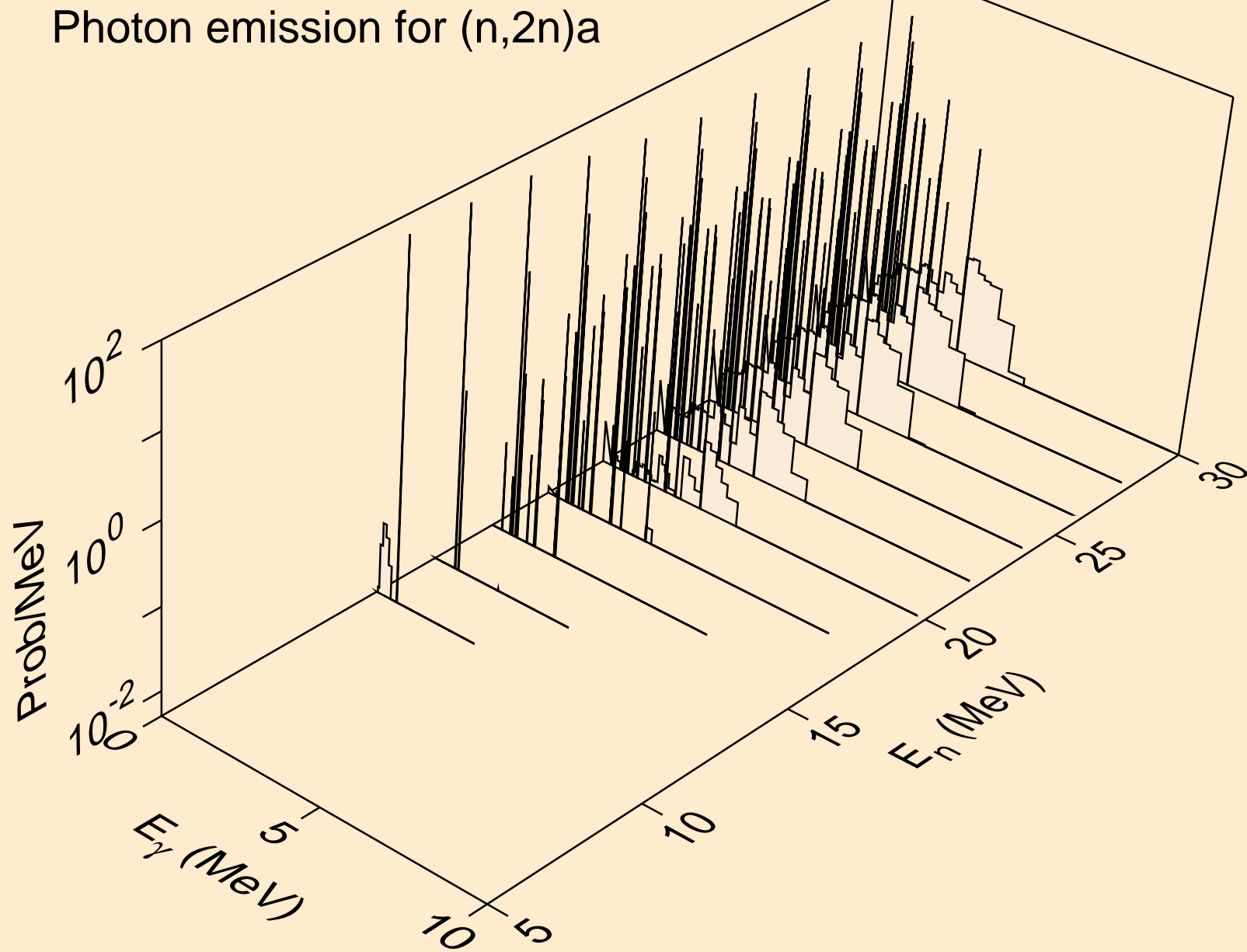
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



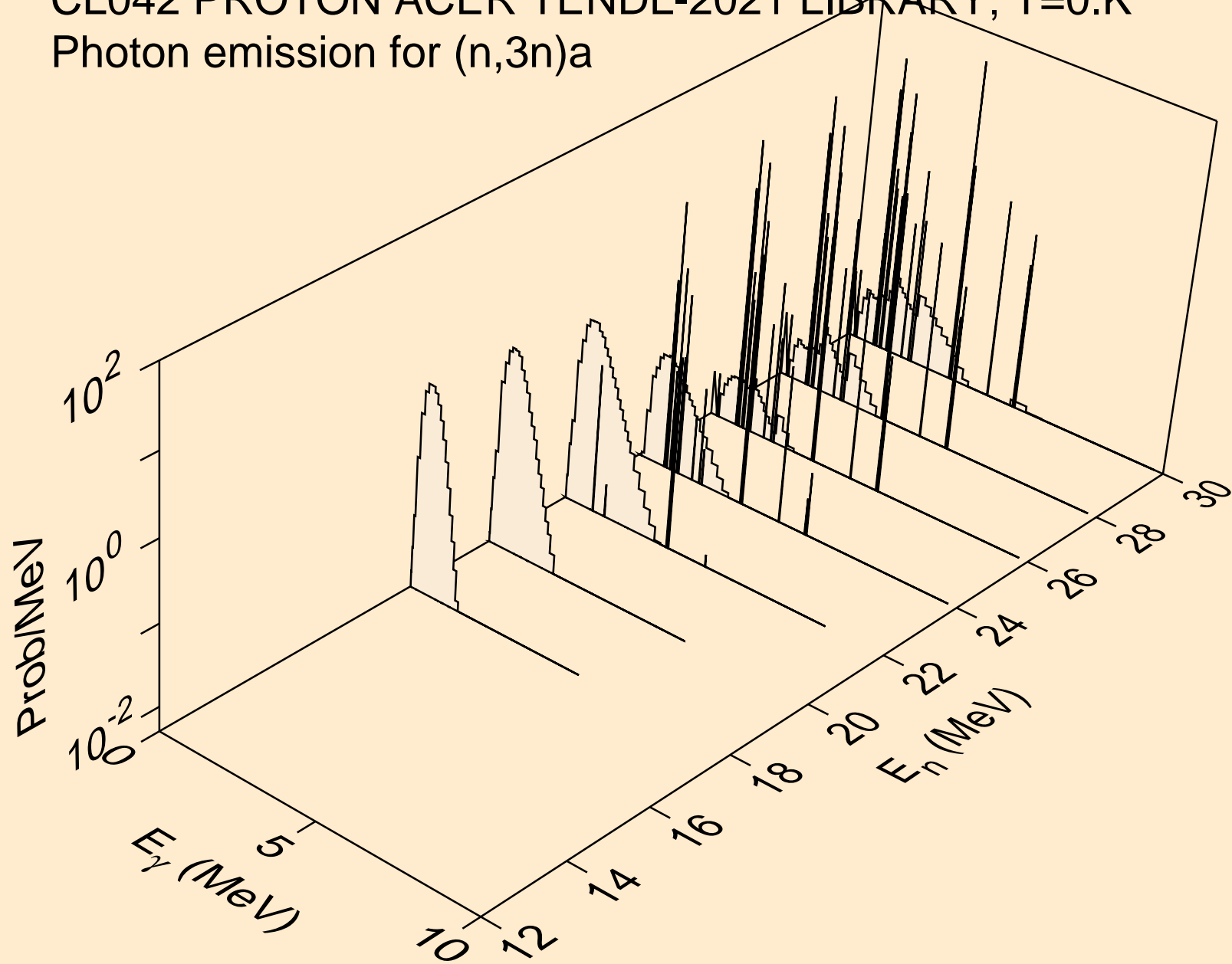
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



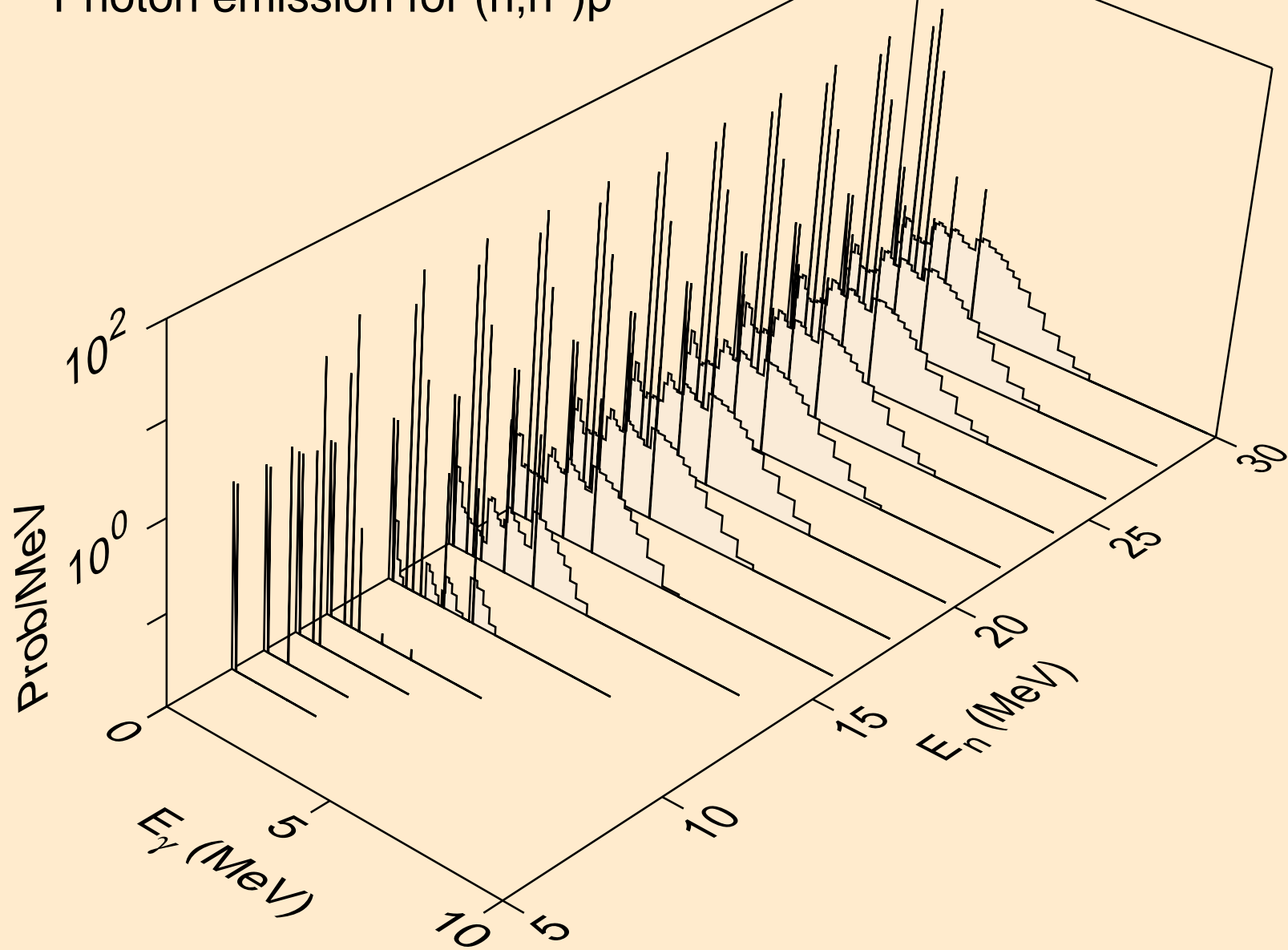
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



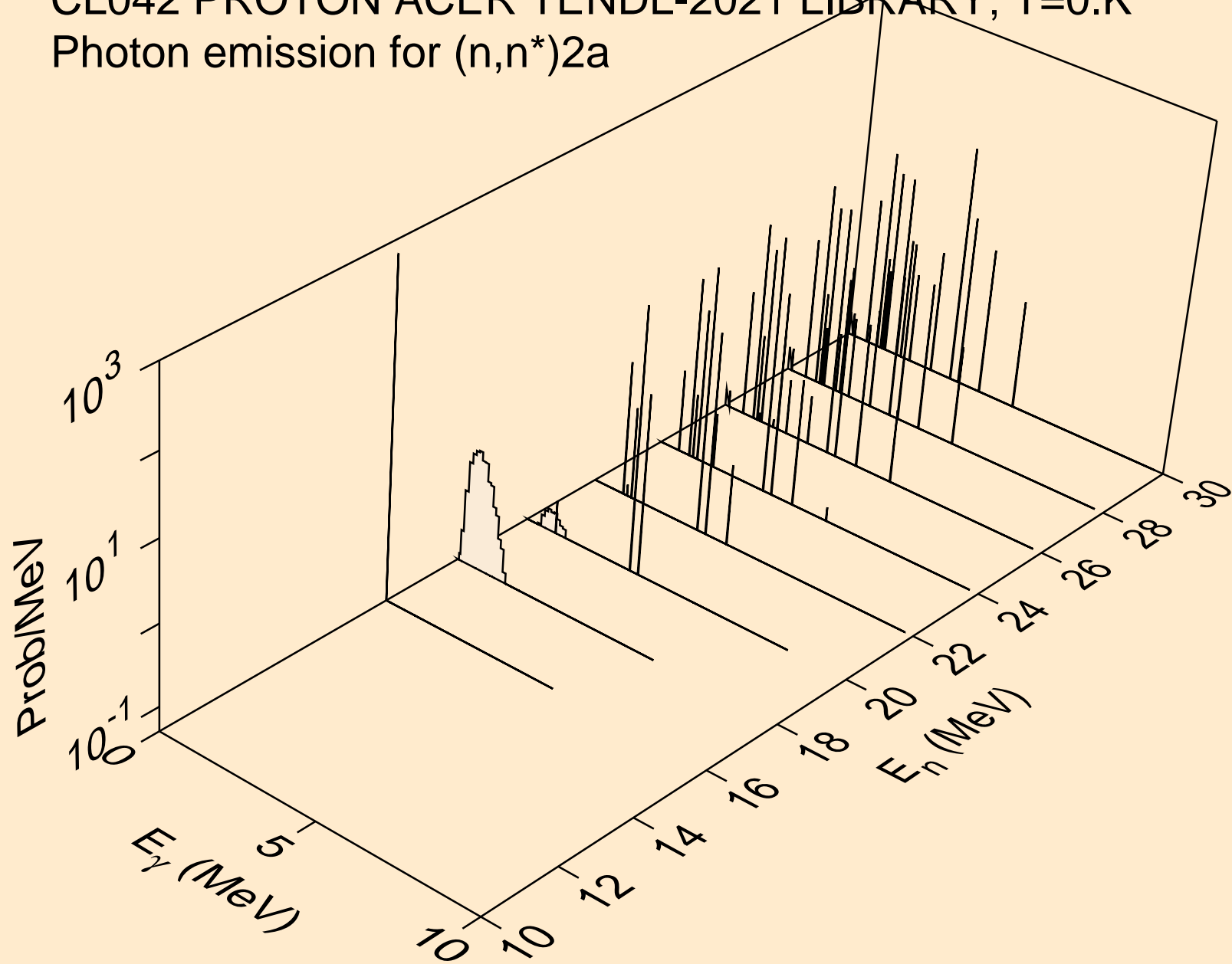
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Photon emission for (n,3n)a



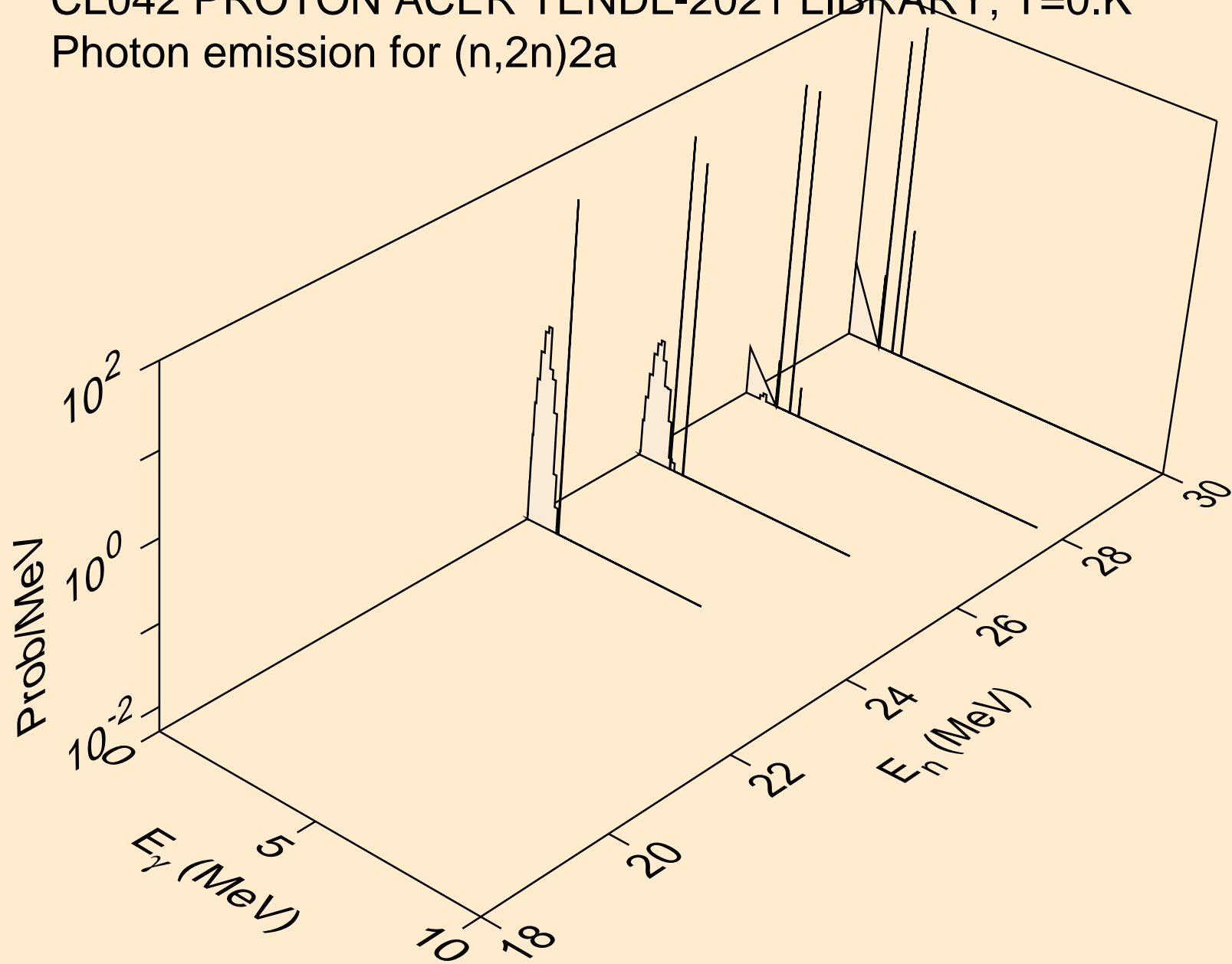
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Photon emission for (n,n\*)p



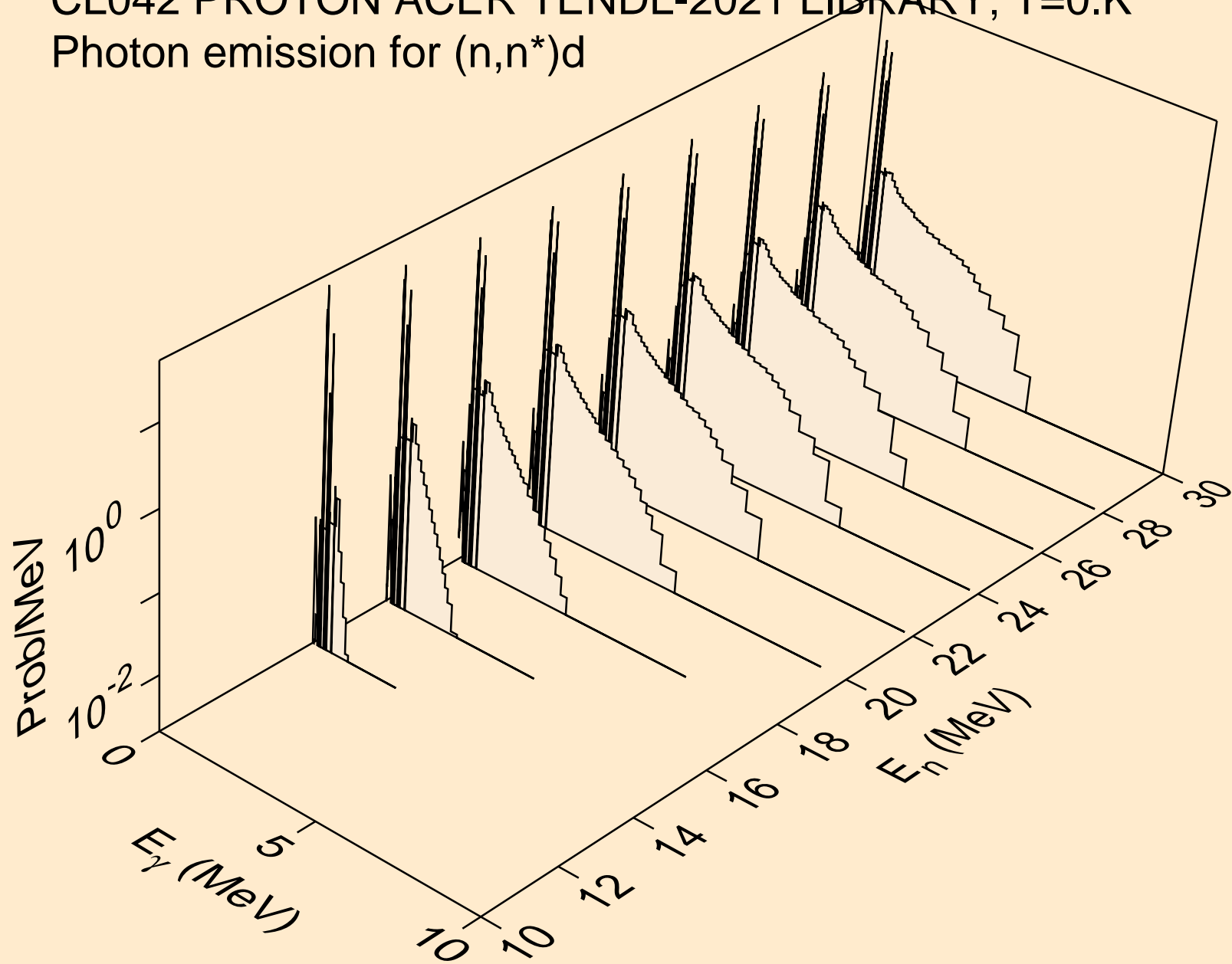
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

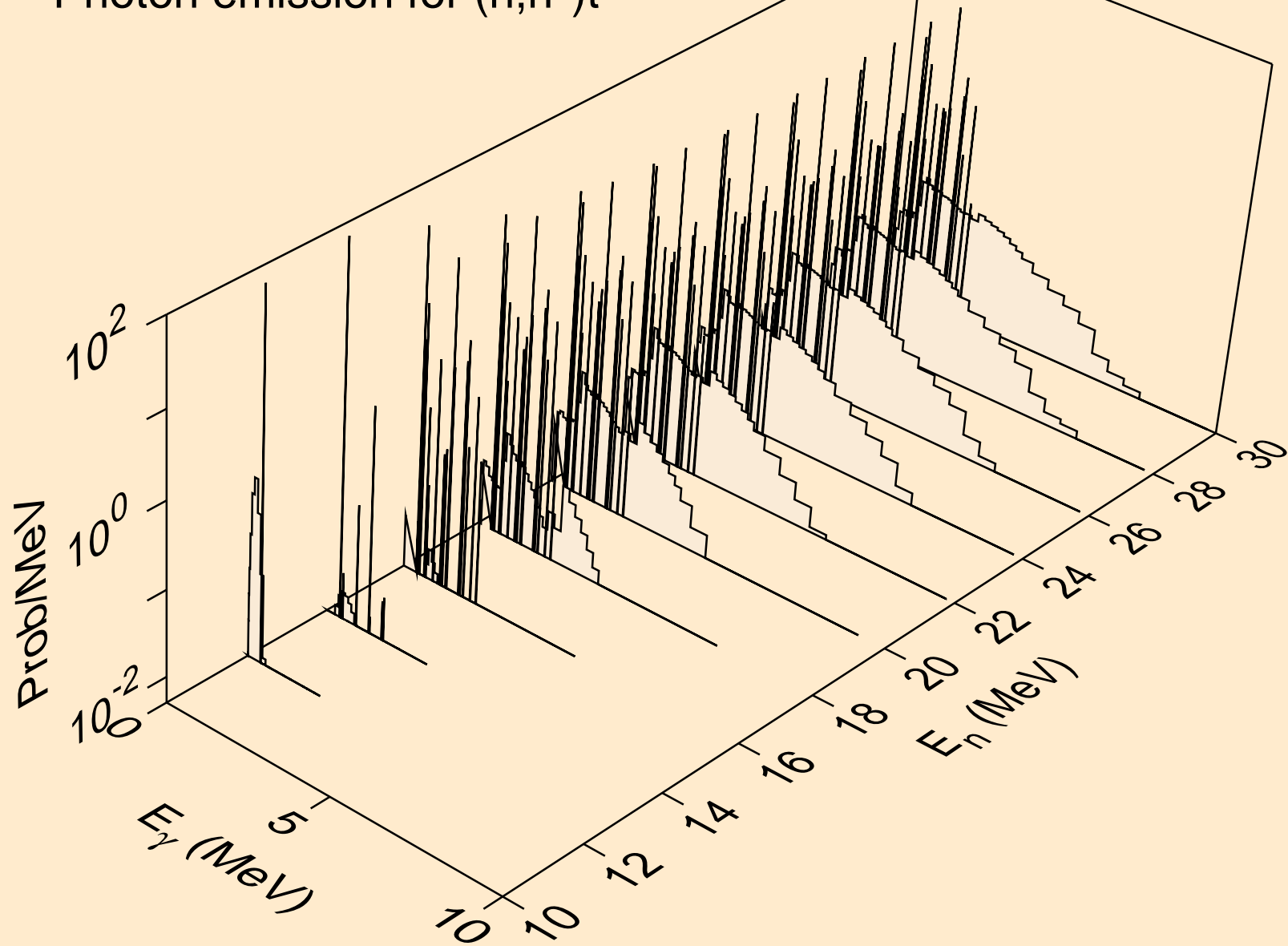


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

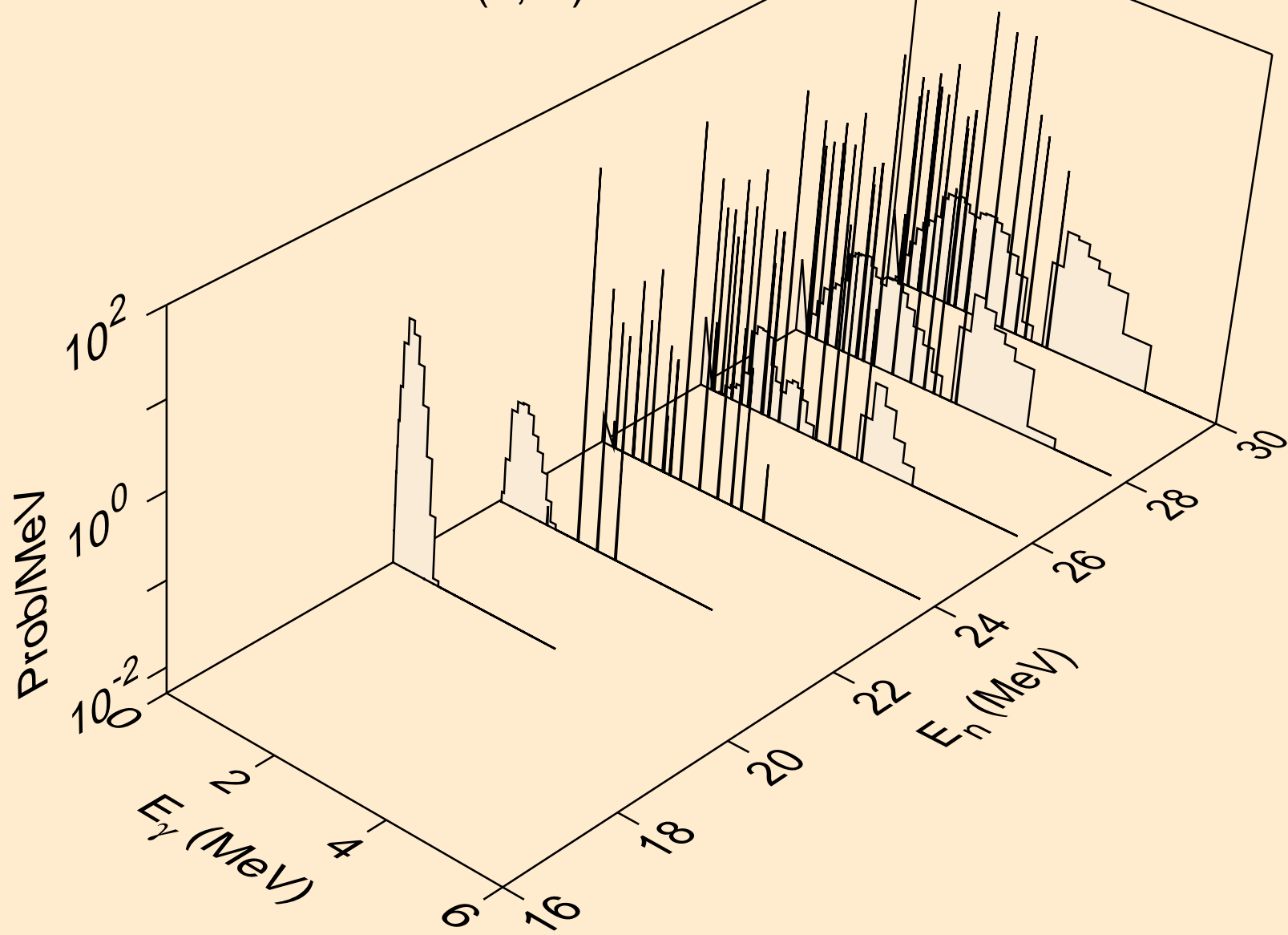




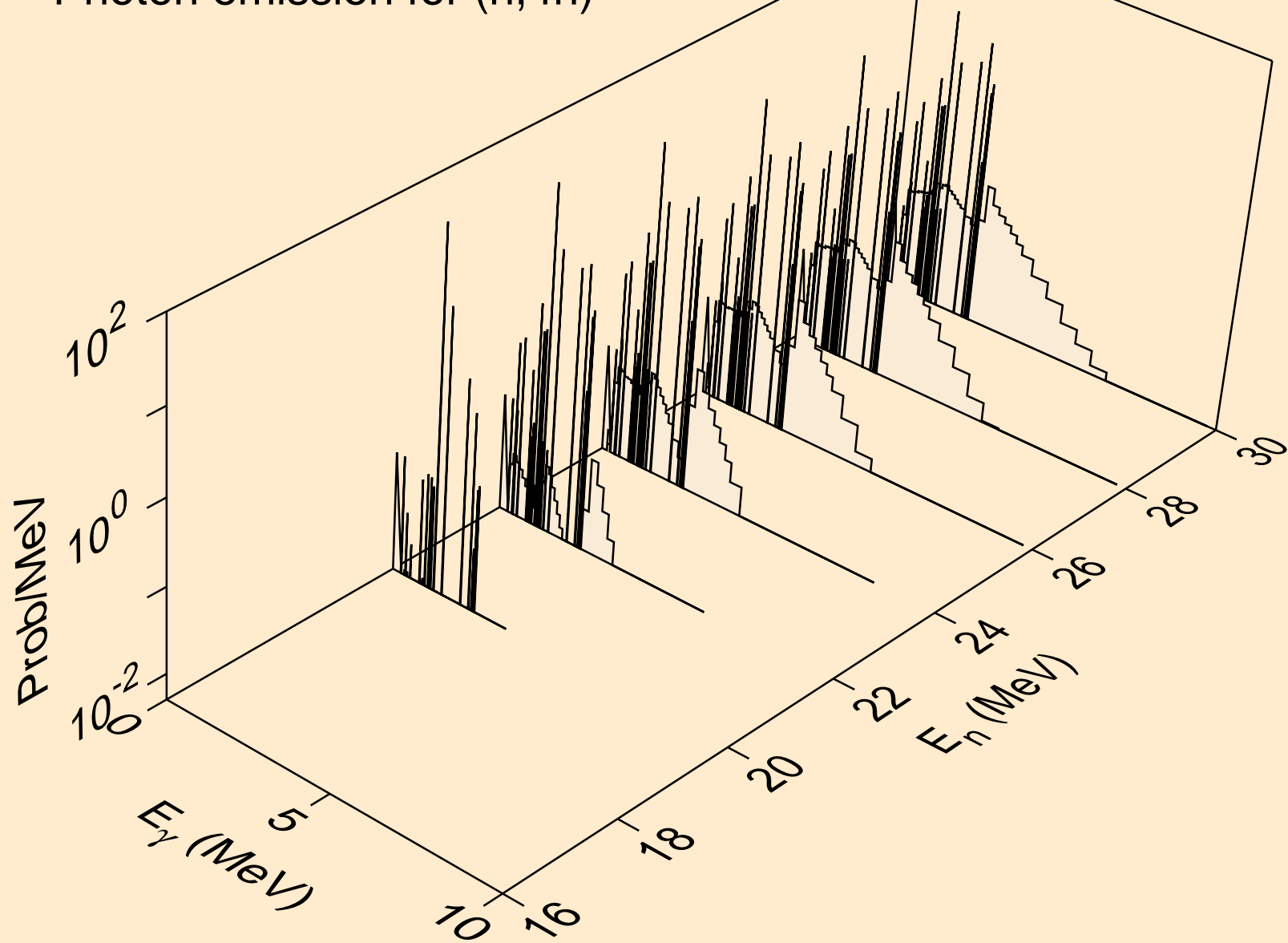
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



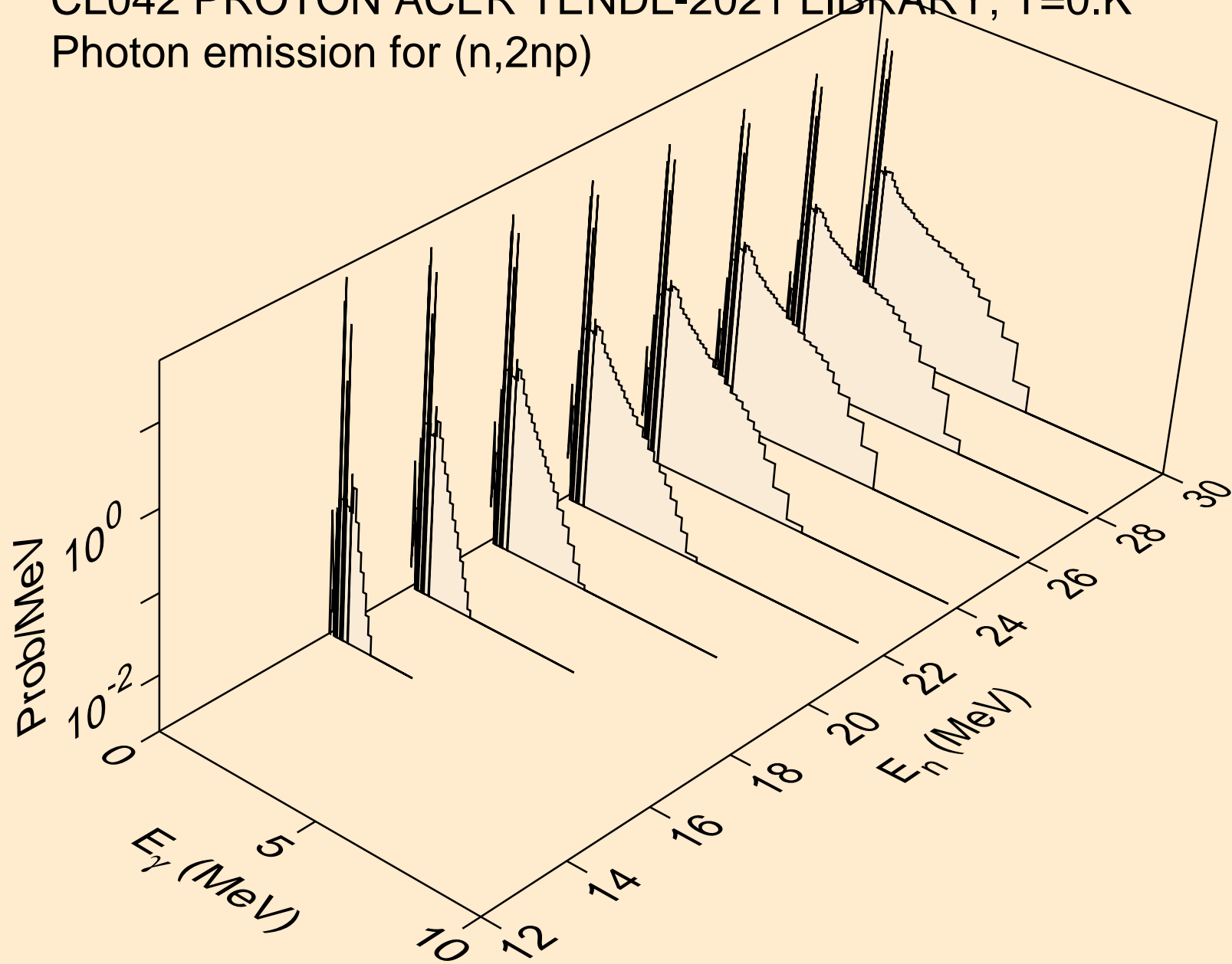
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



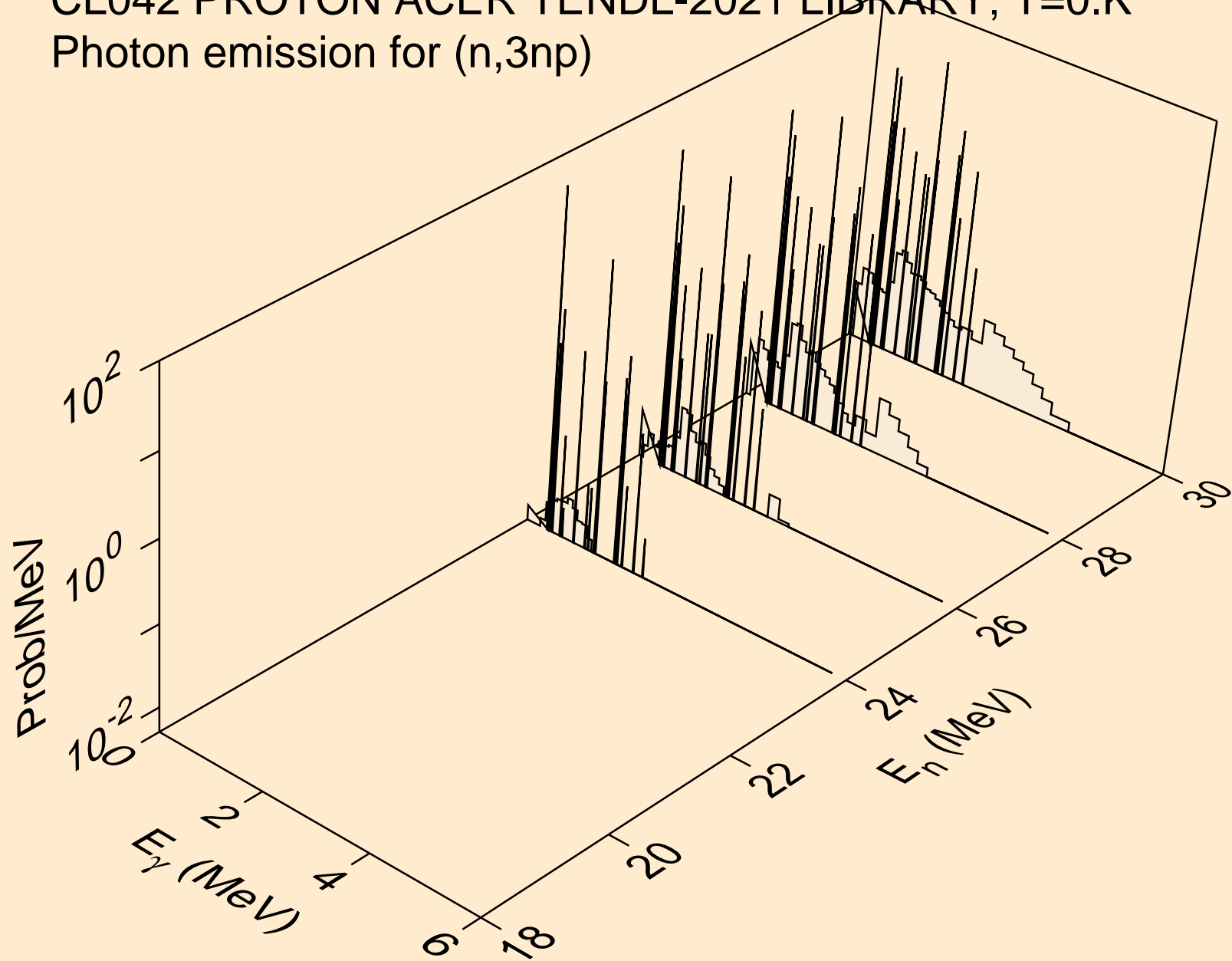
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



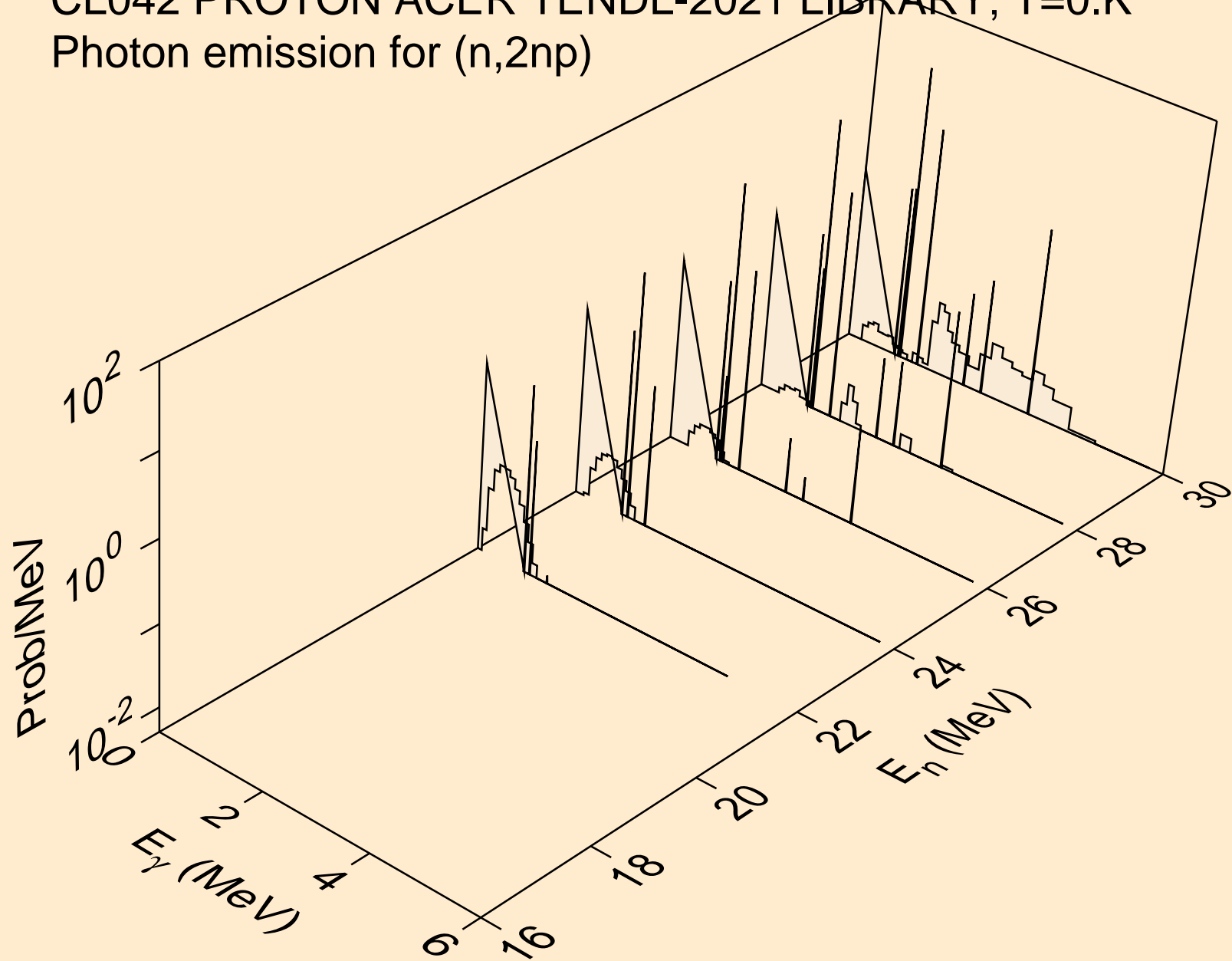
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Photon emission for (n,2np)



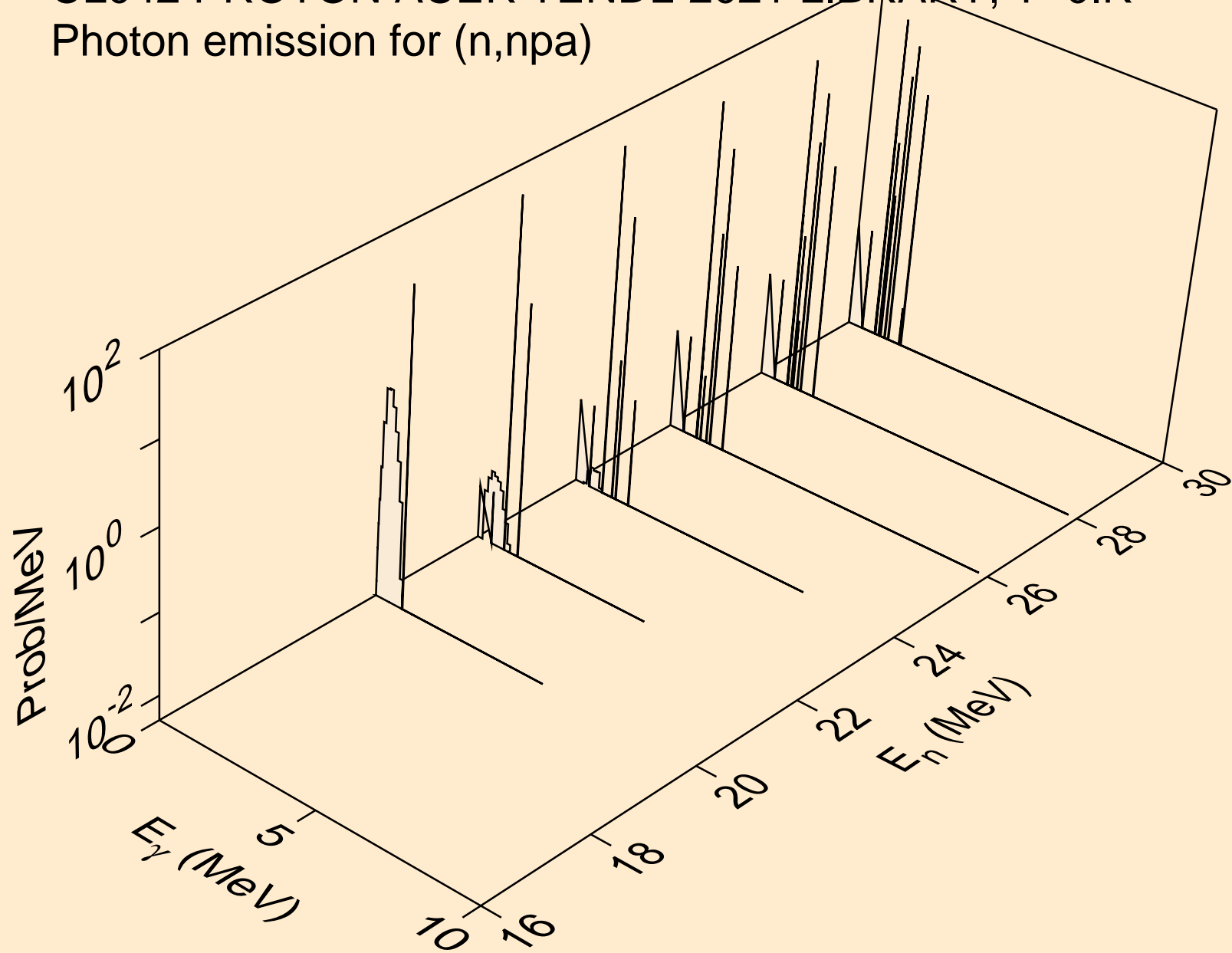
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



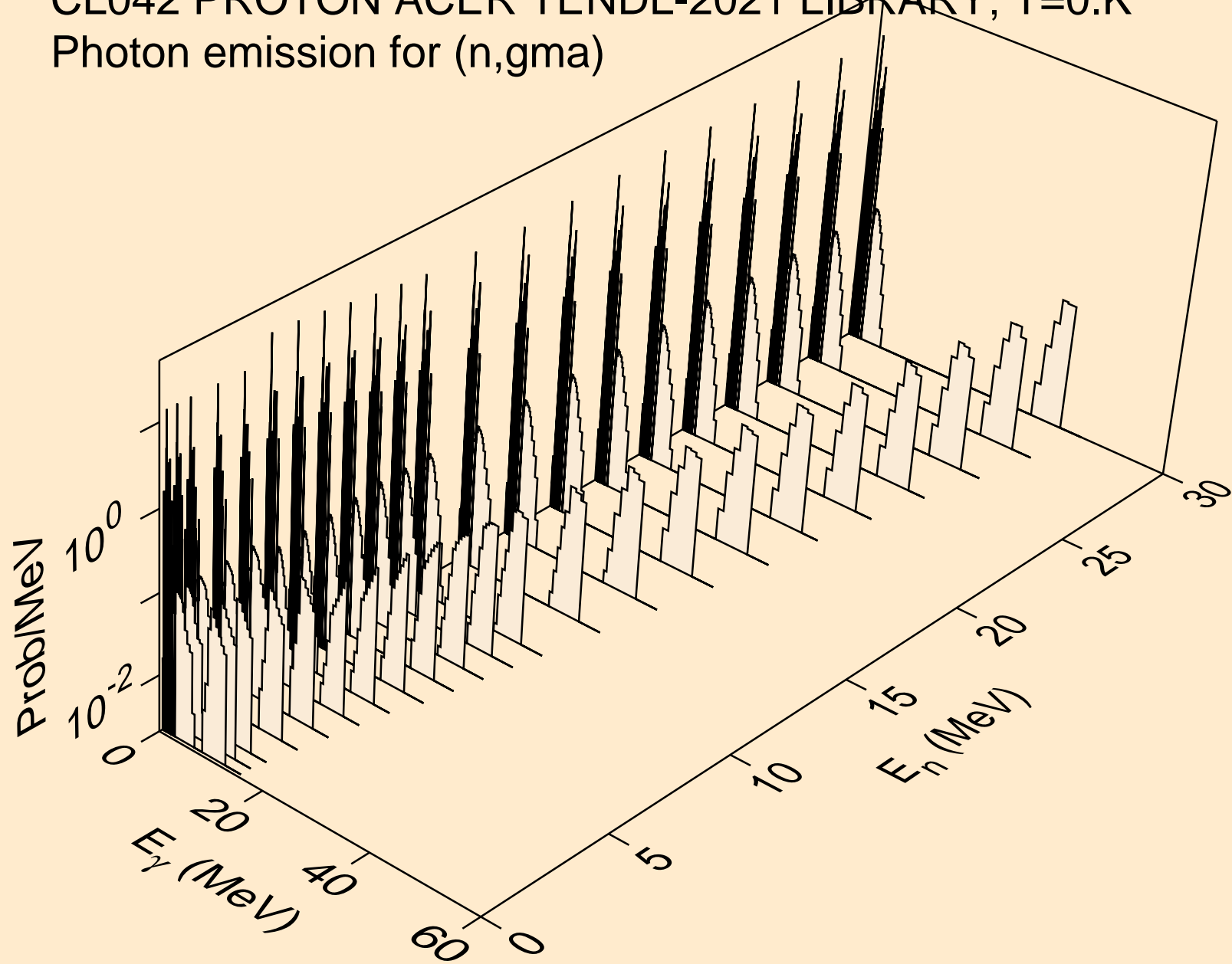
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

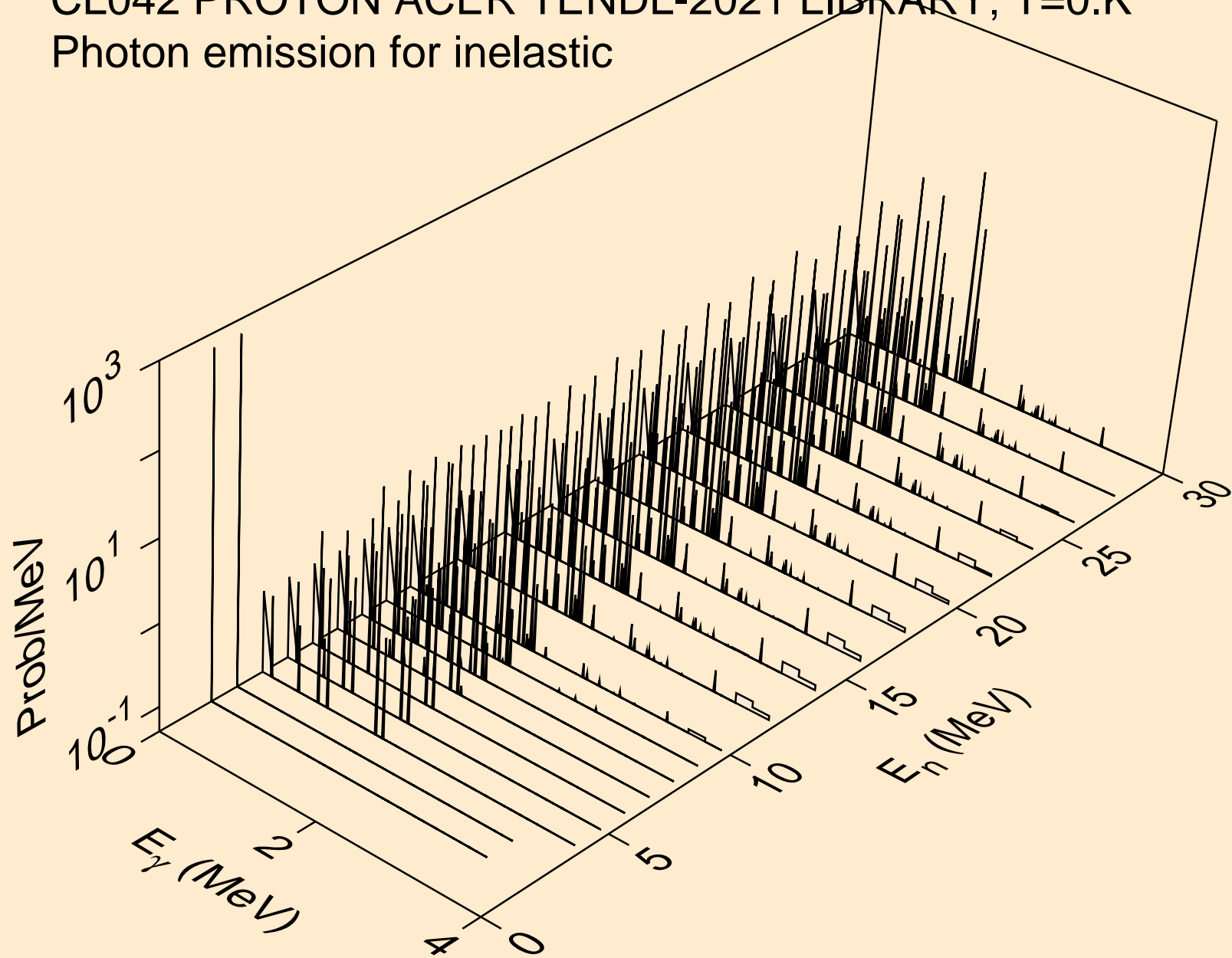


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Photon emission for (n,gma)

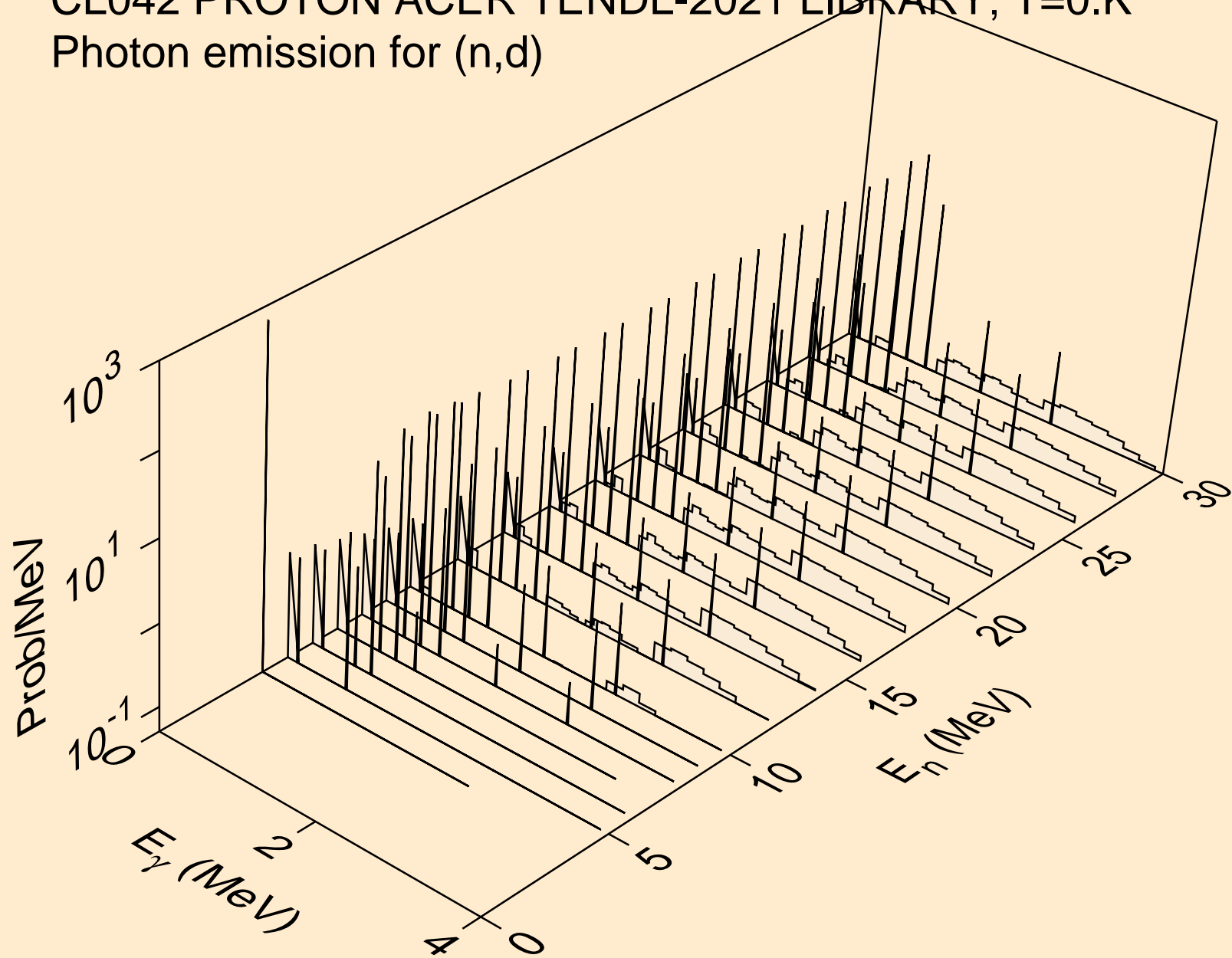




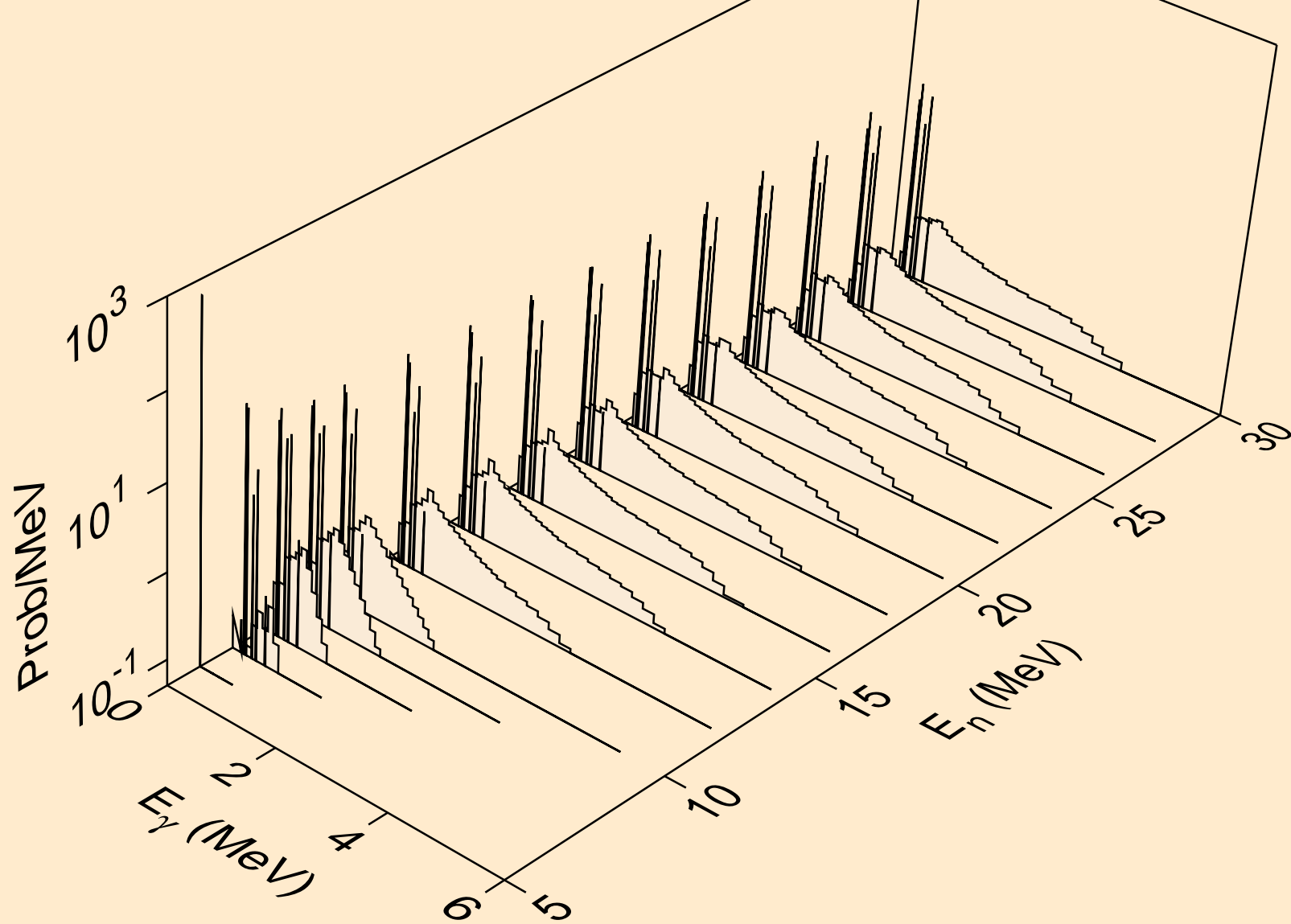
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



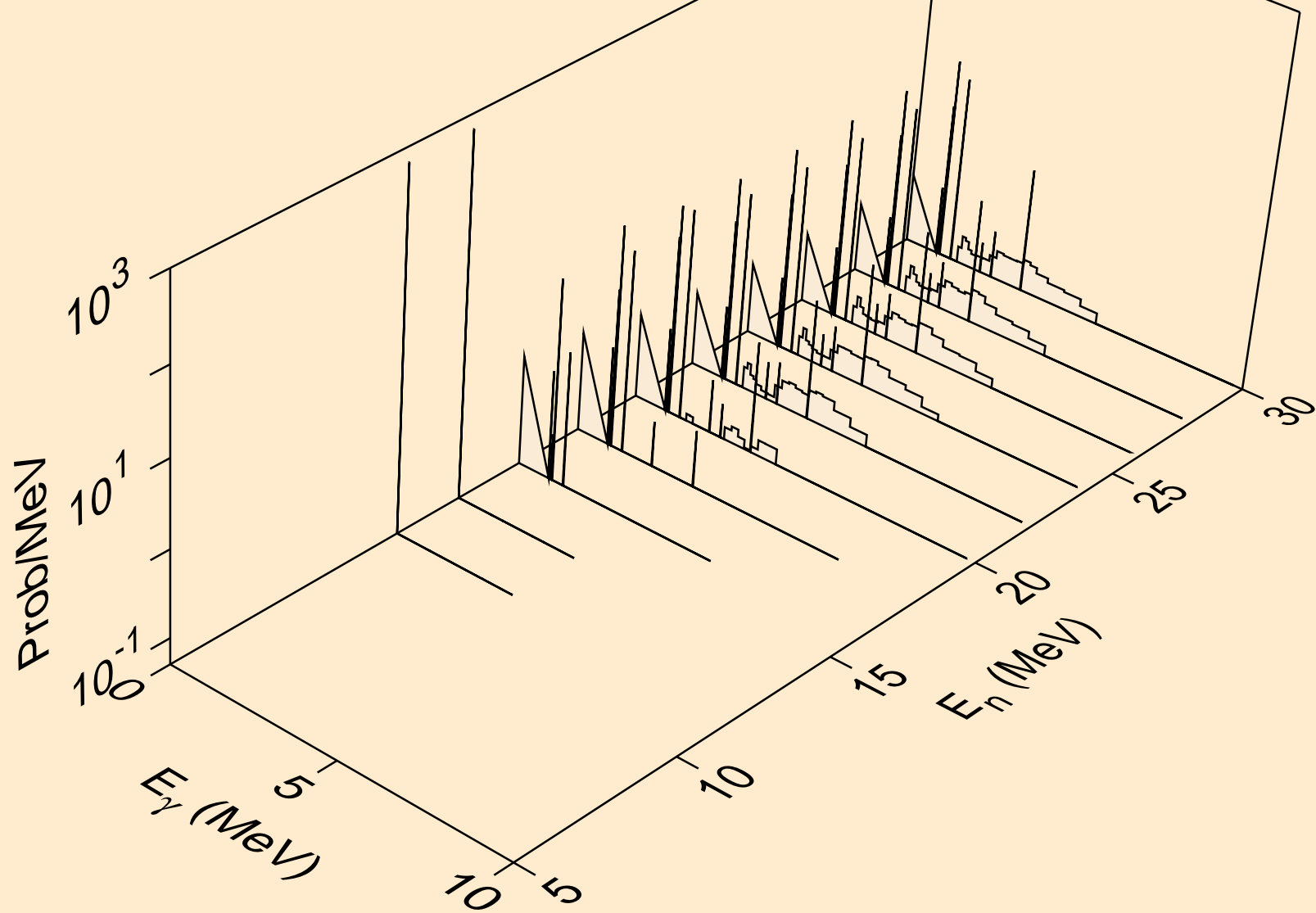
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Photon emission for (n,d)



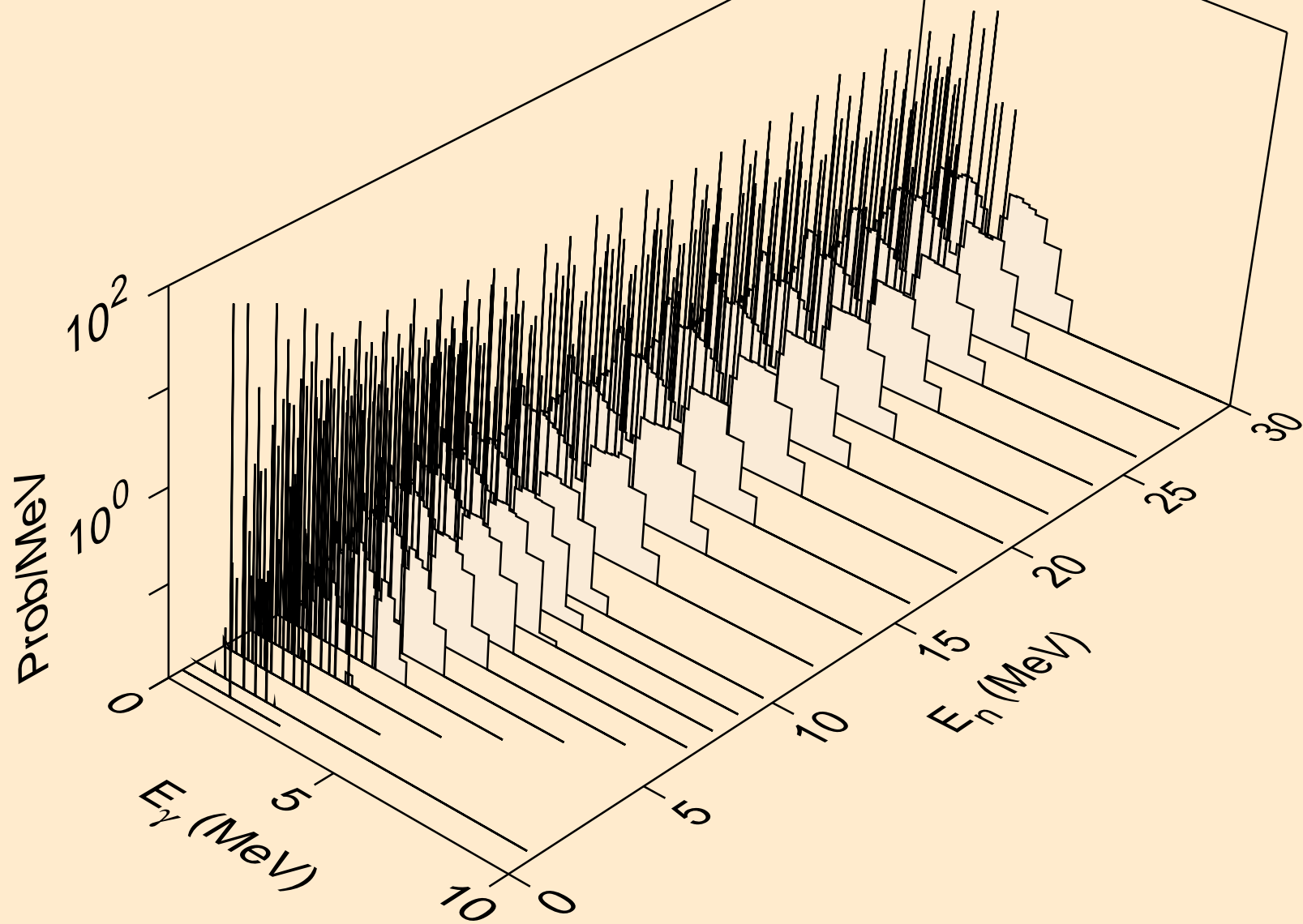
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Photon emission for (n,t)



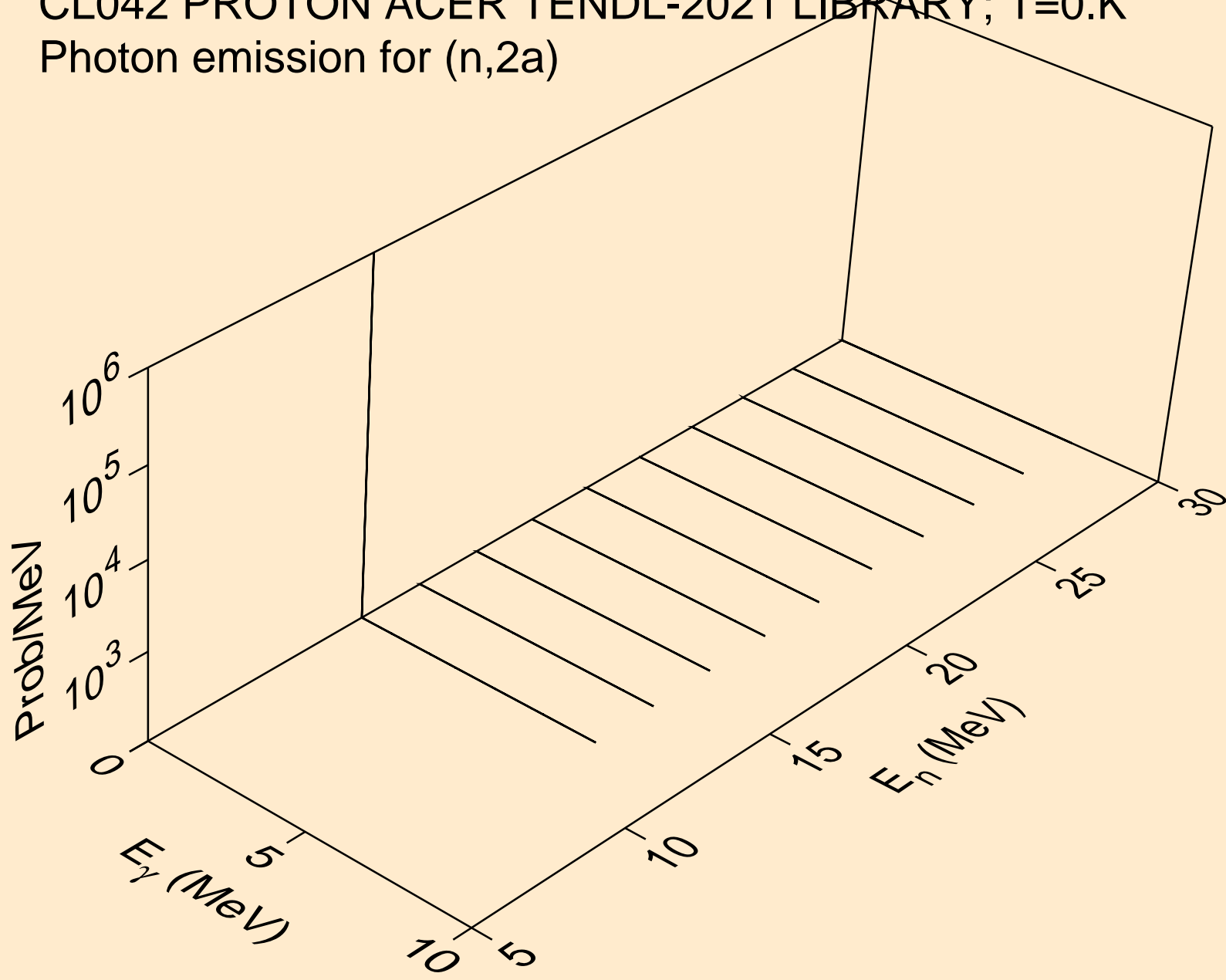
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Photon emission for (n,he3)



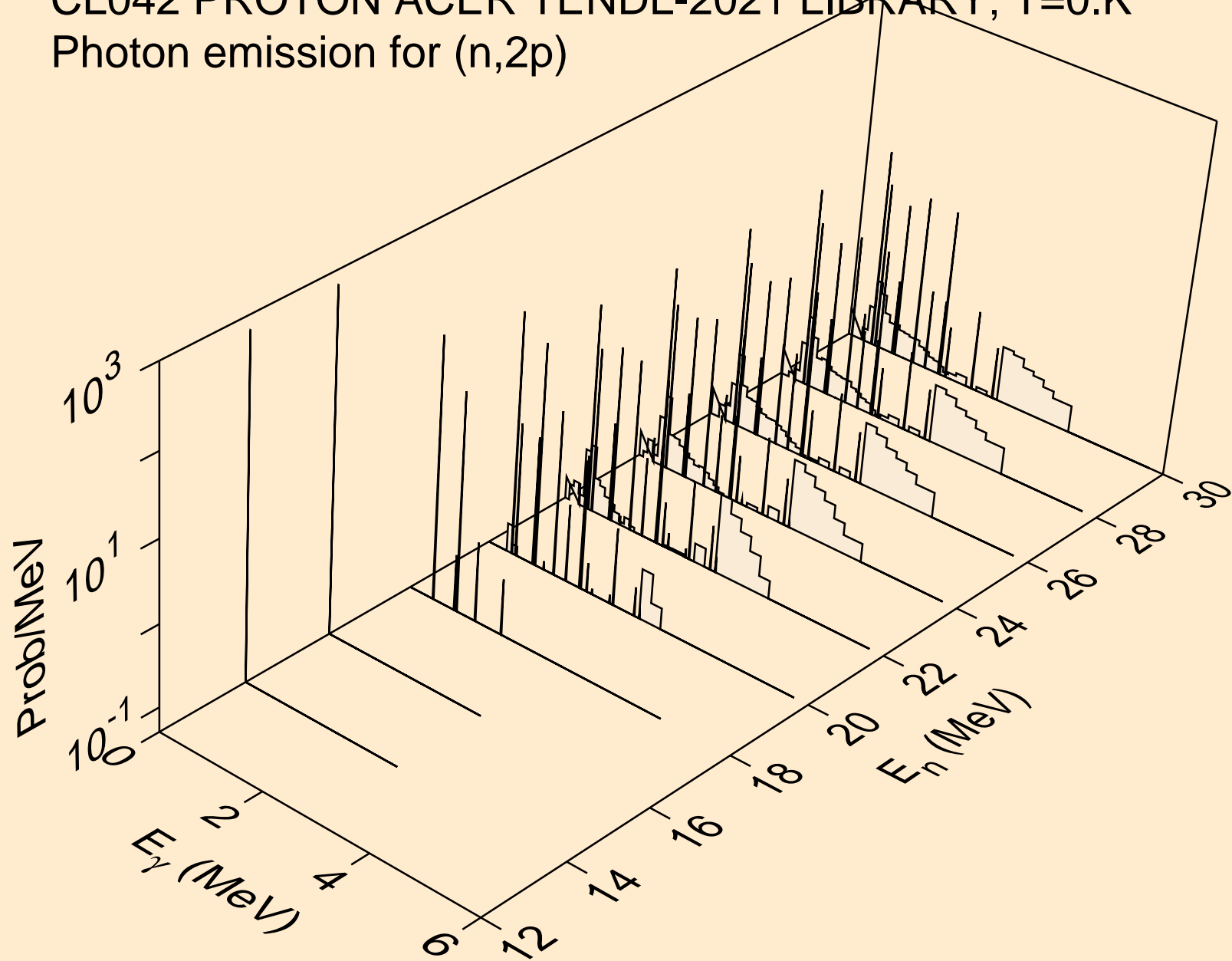
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Photon emission for (n,a)



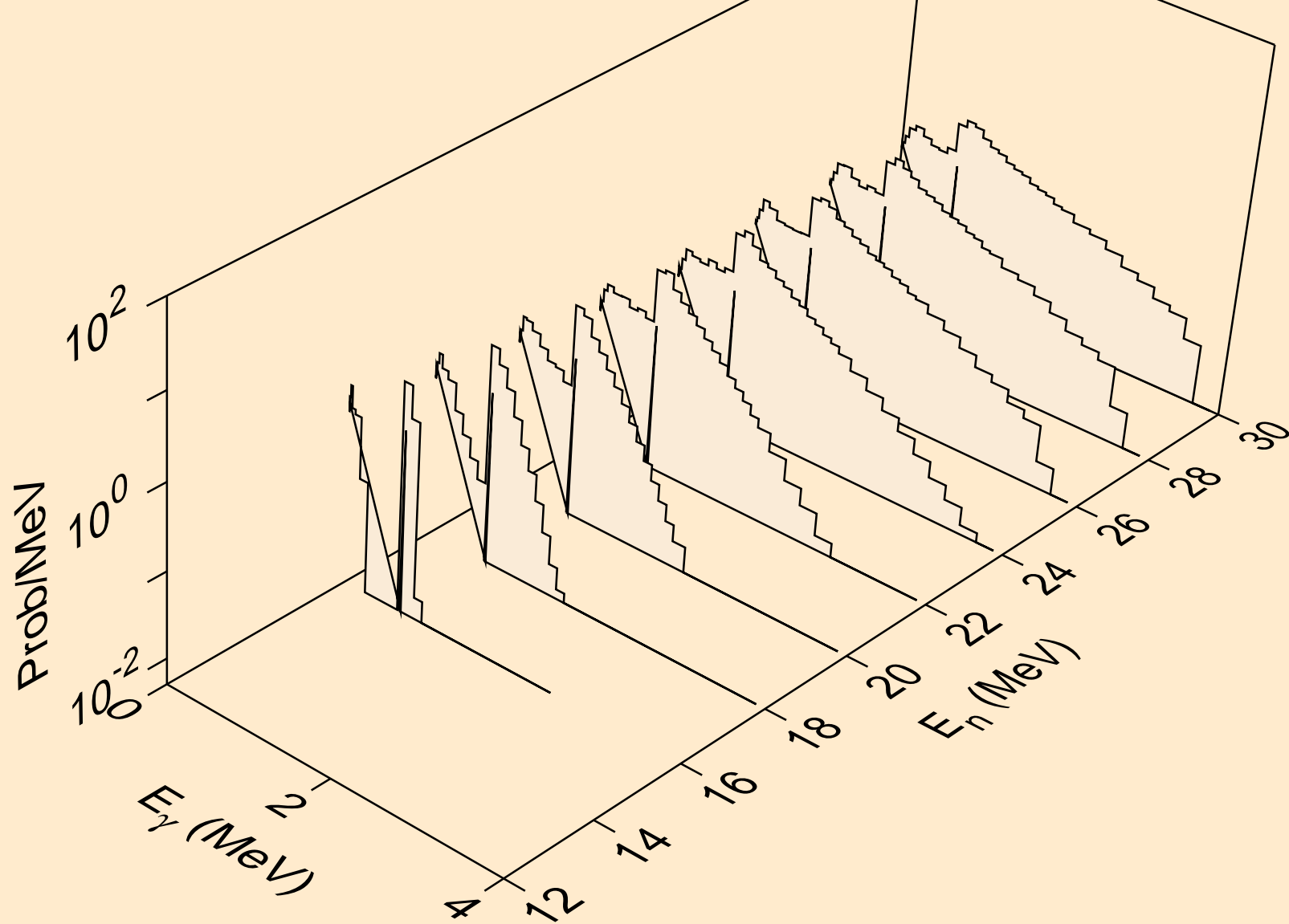
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

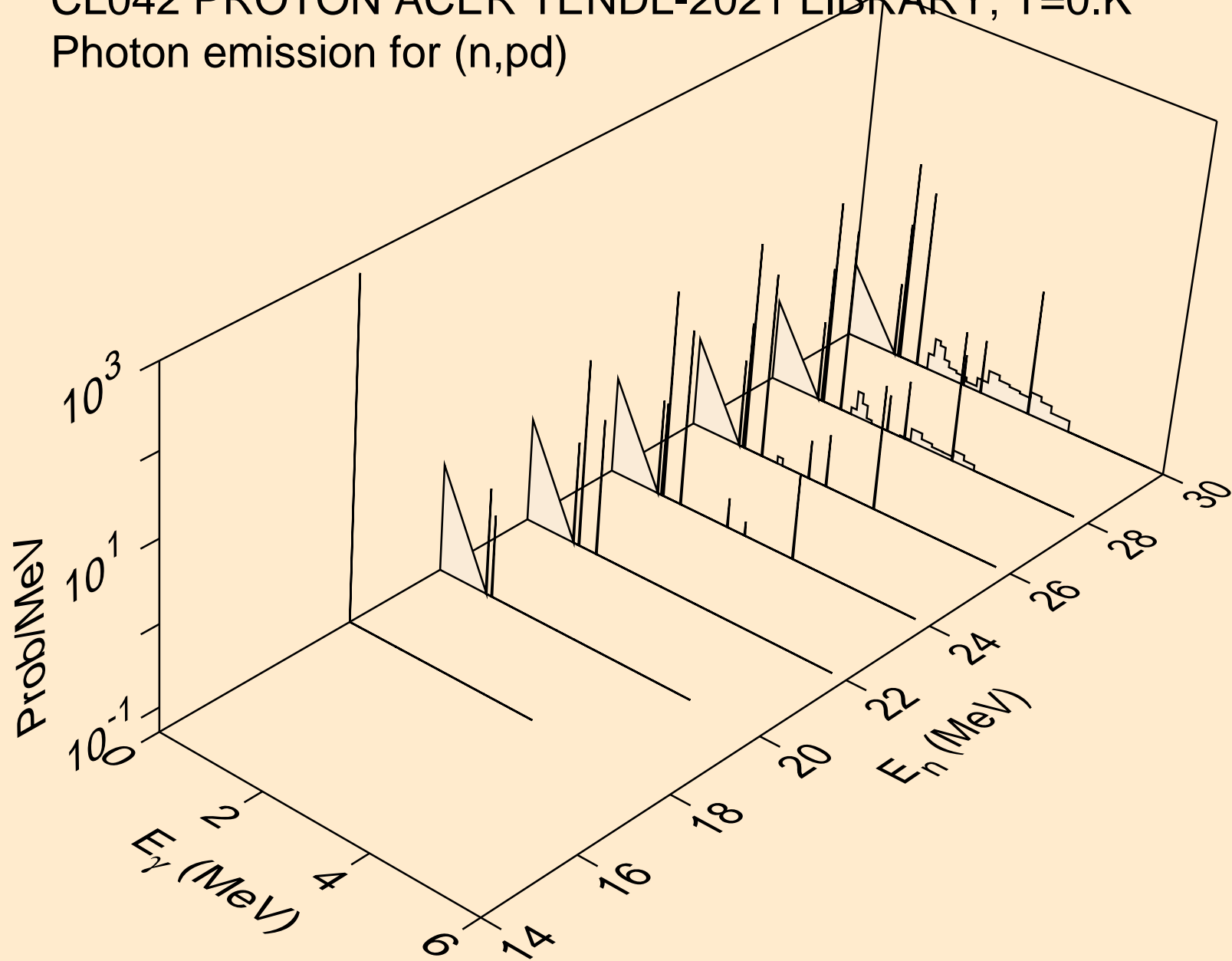


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Photon emission for (n,p)

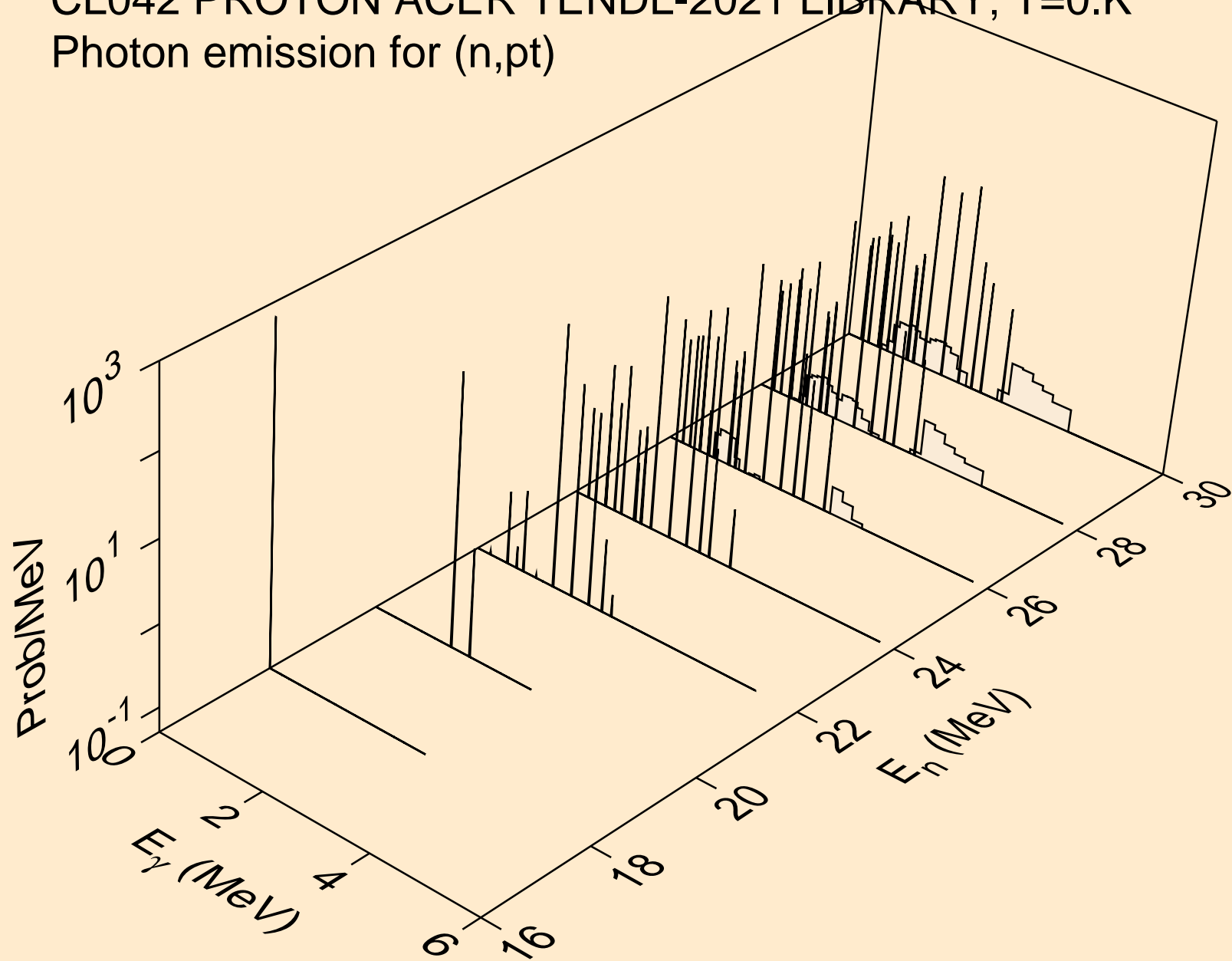




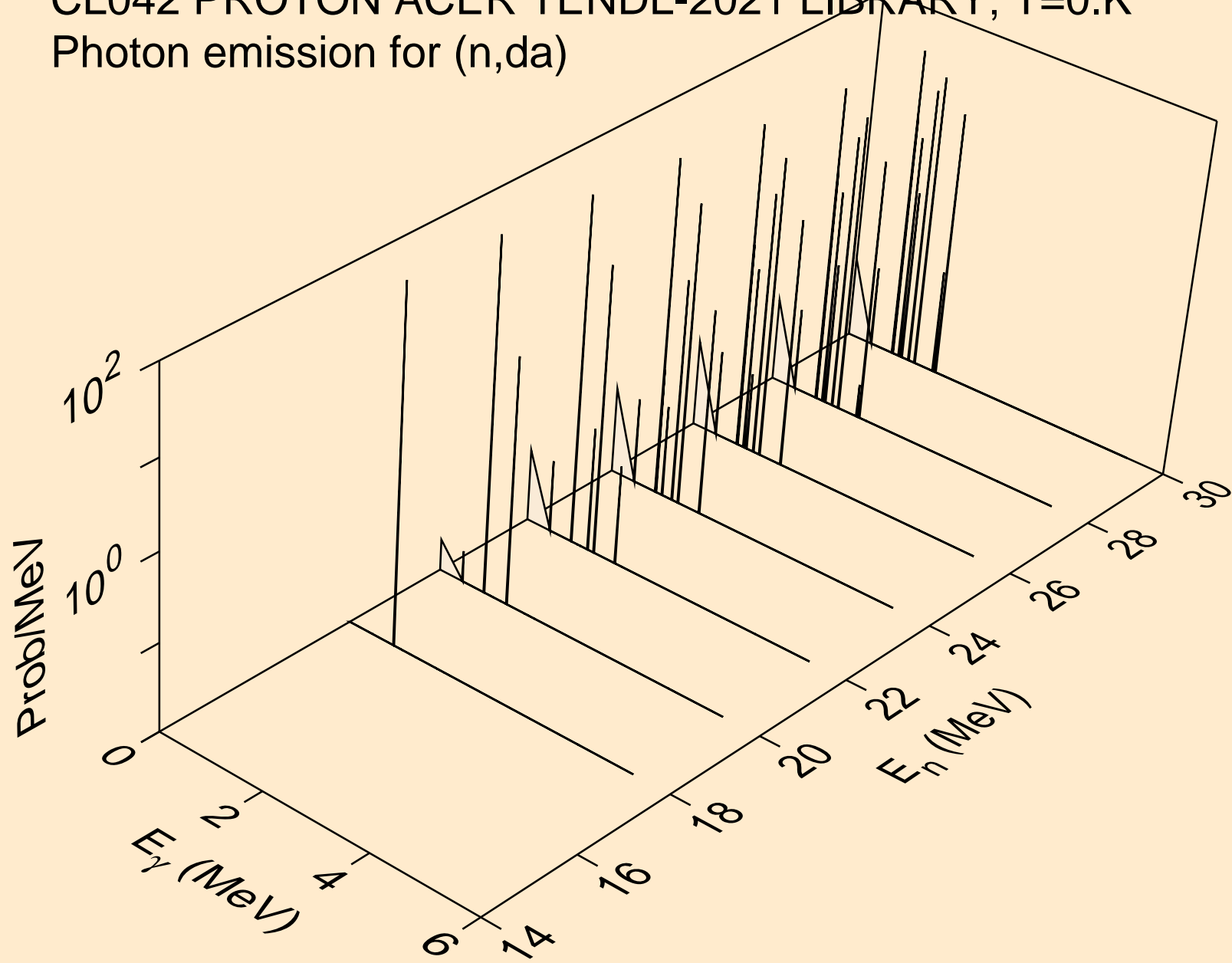
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

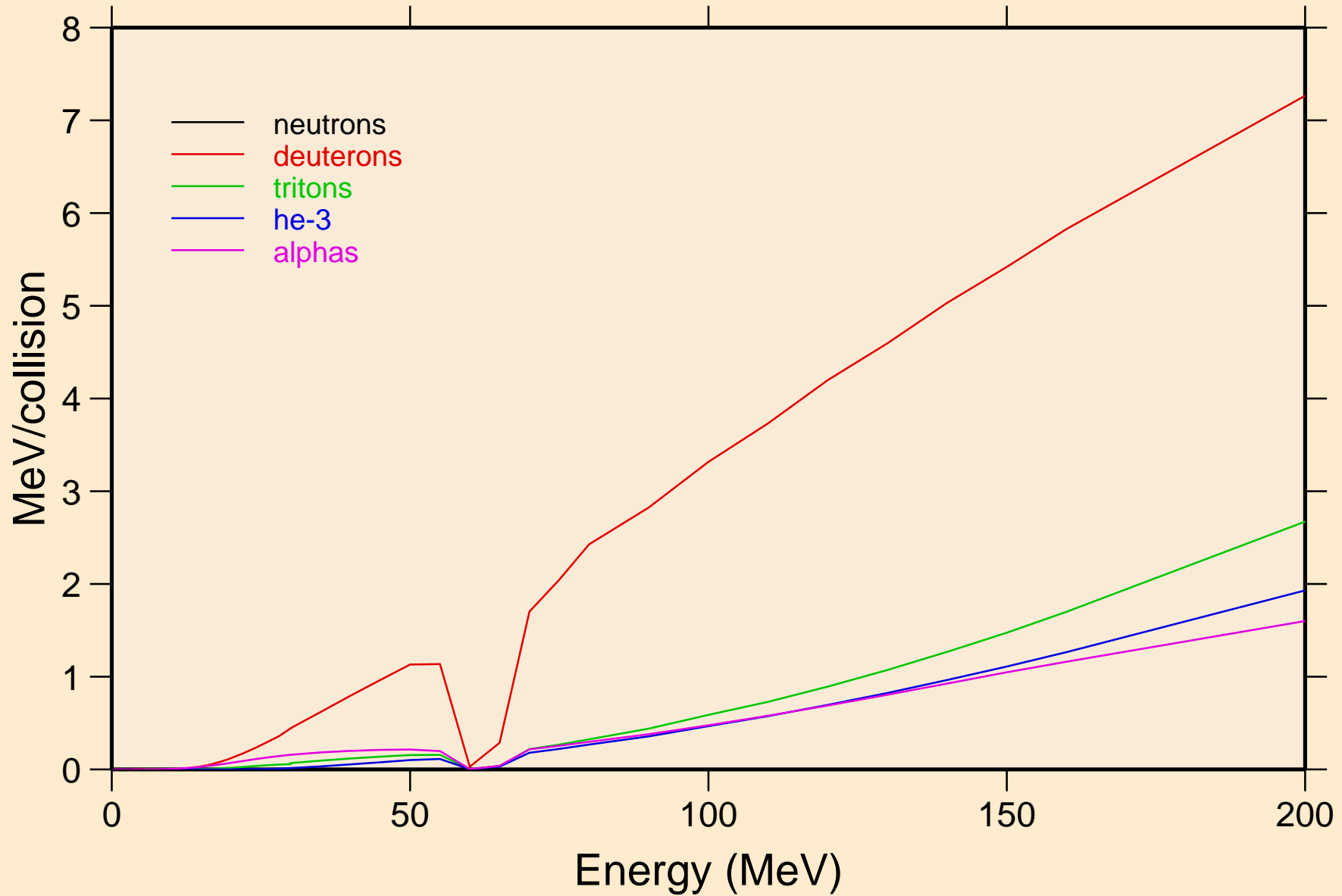


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Photon emission for (n,da)

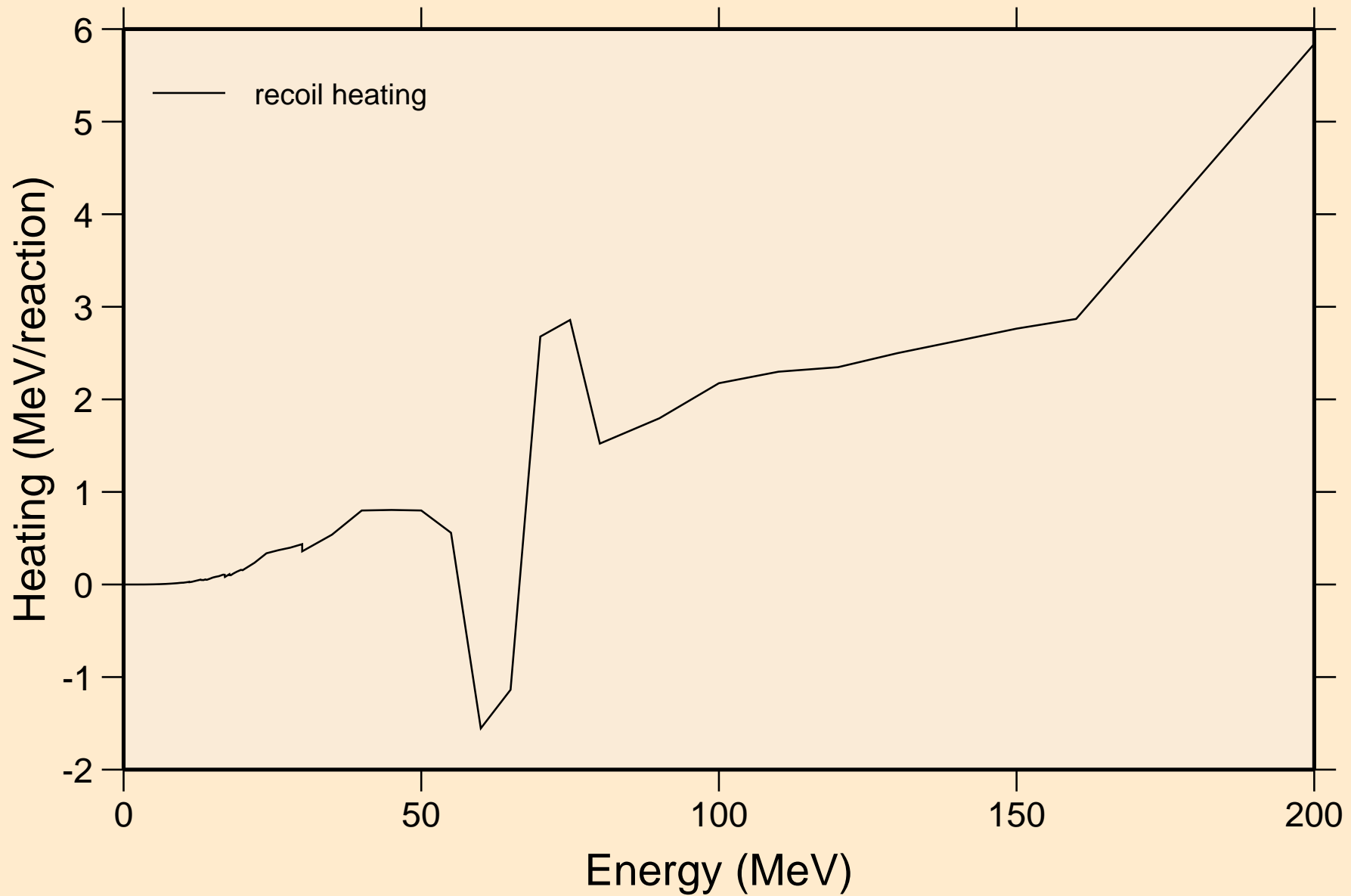


# CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

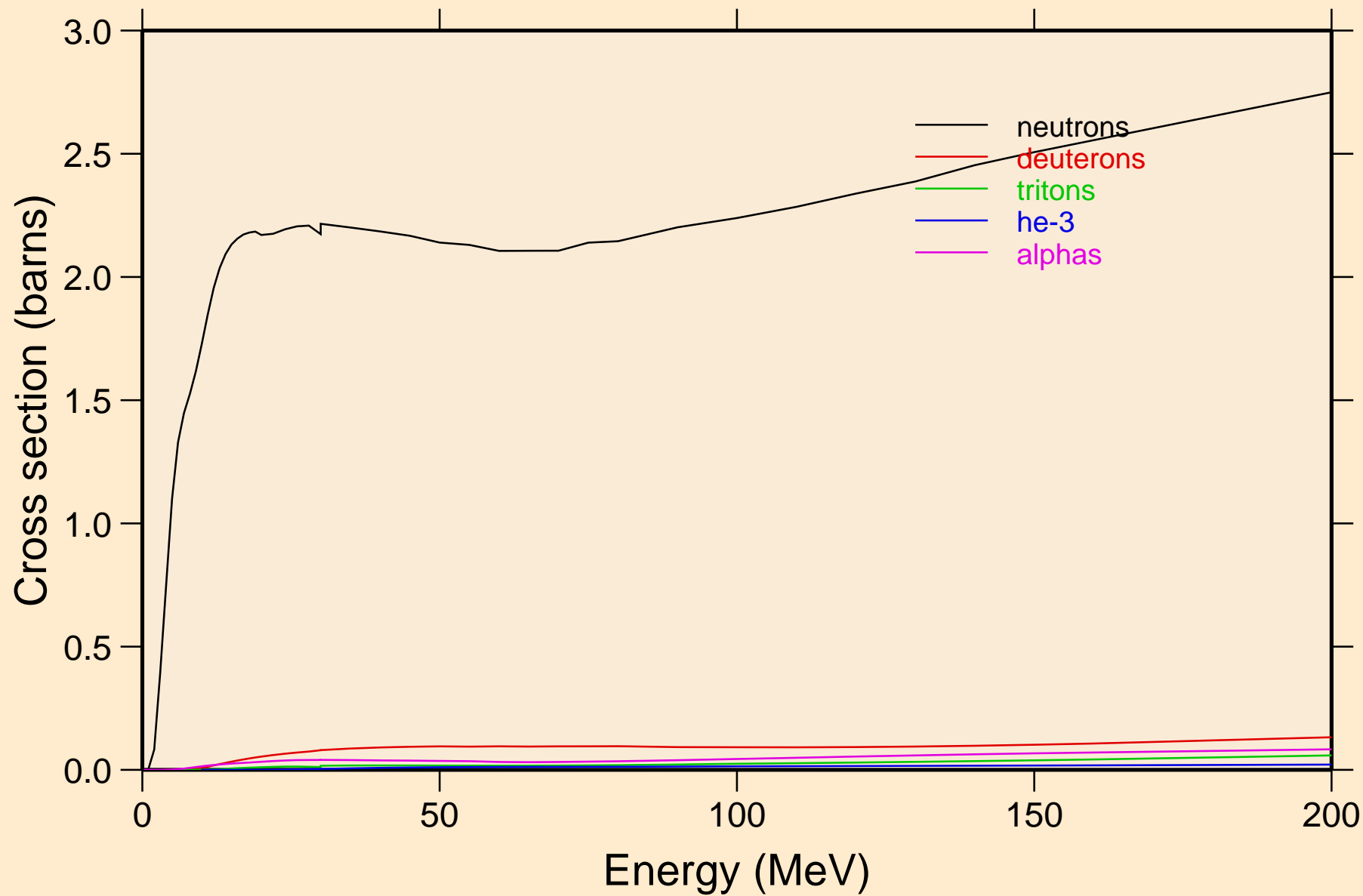
## Particle heating contributions



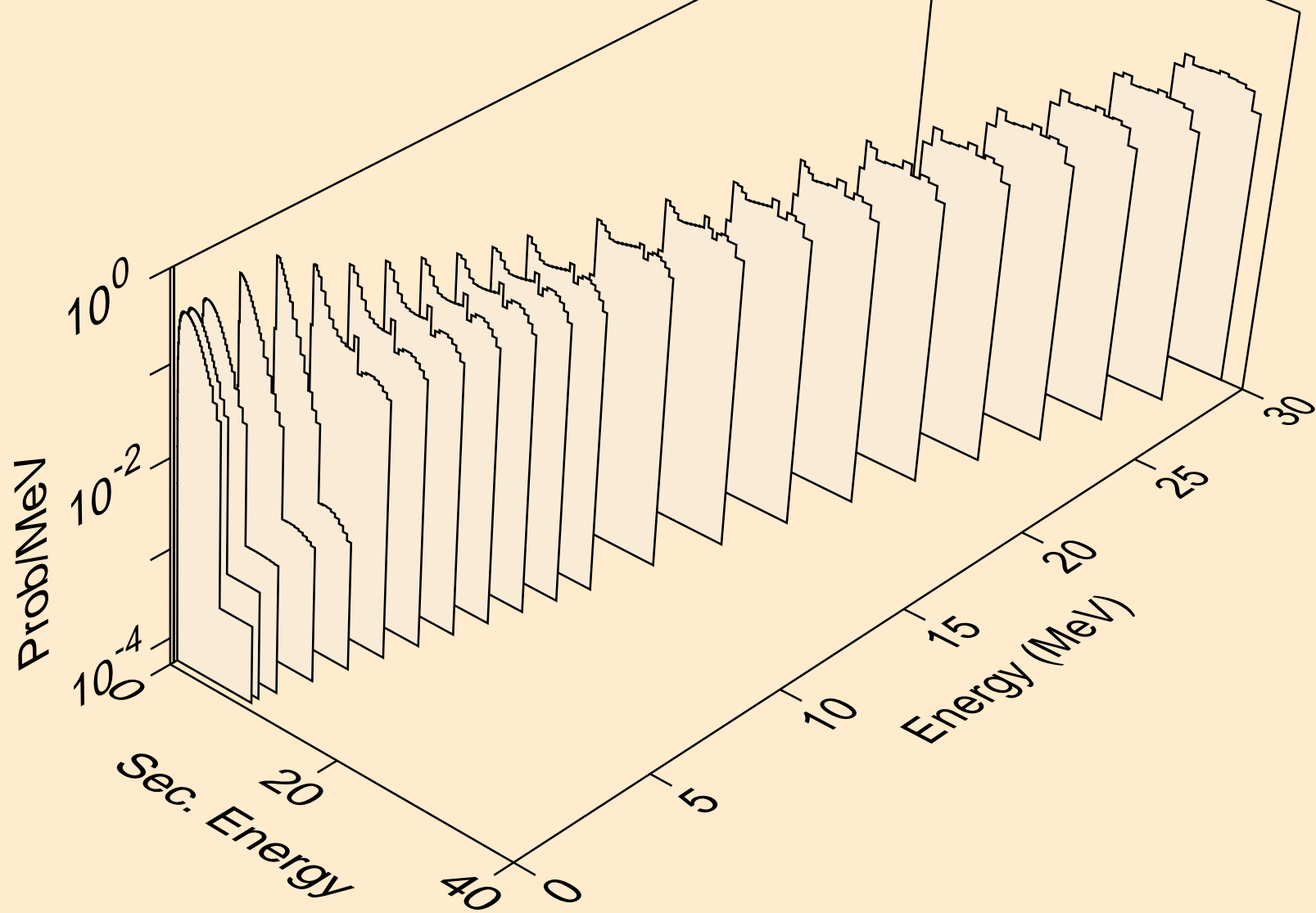
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



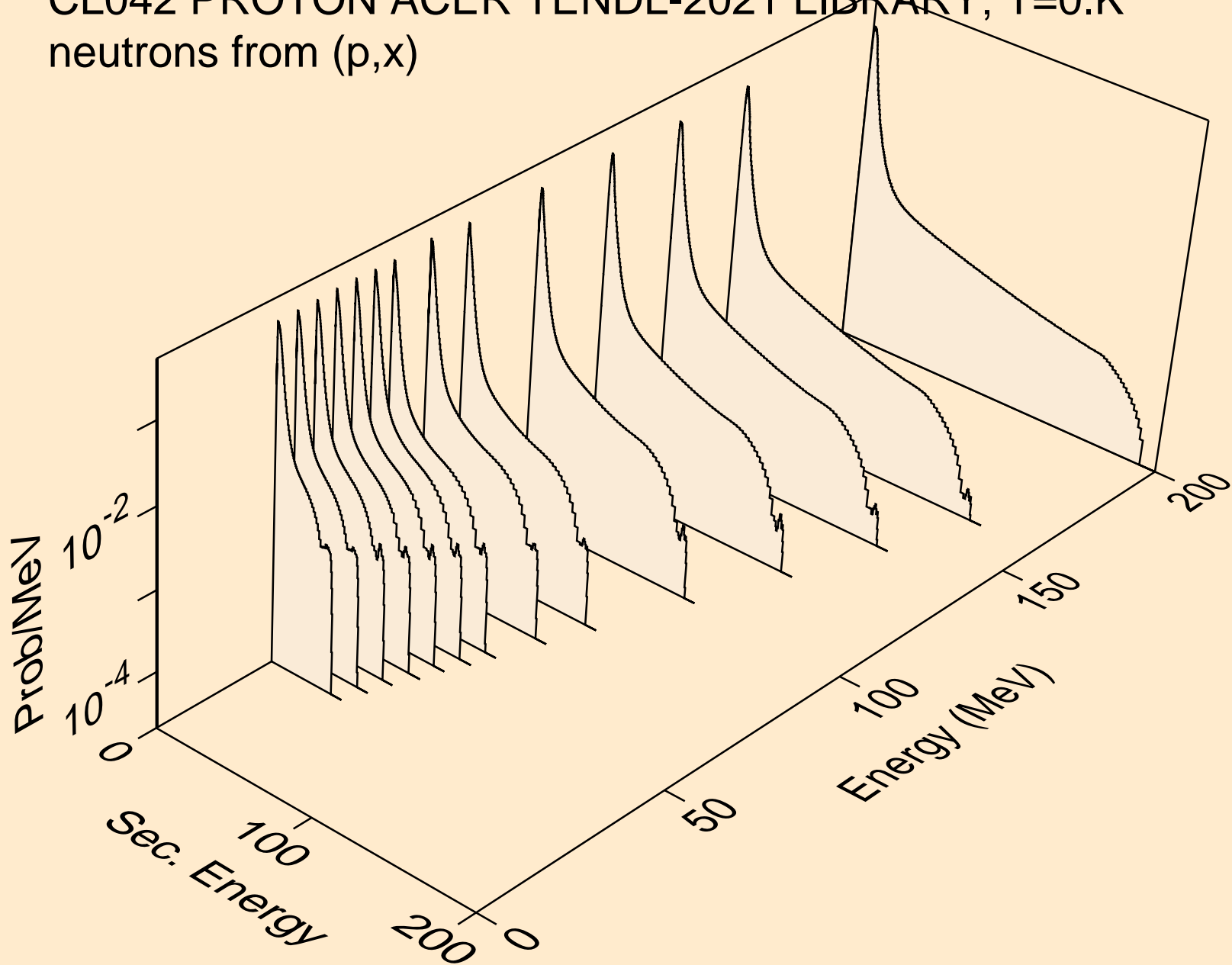
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

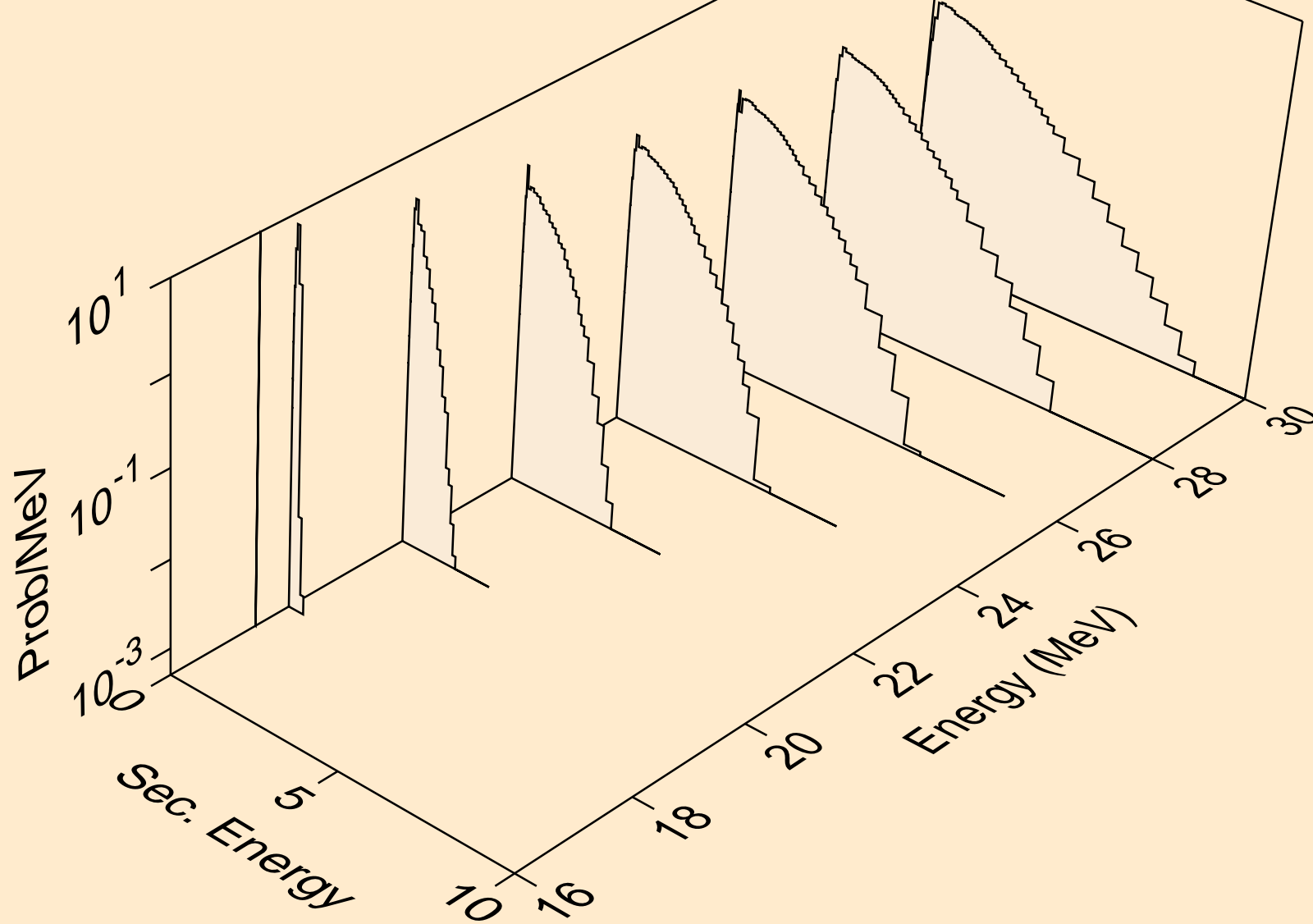


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

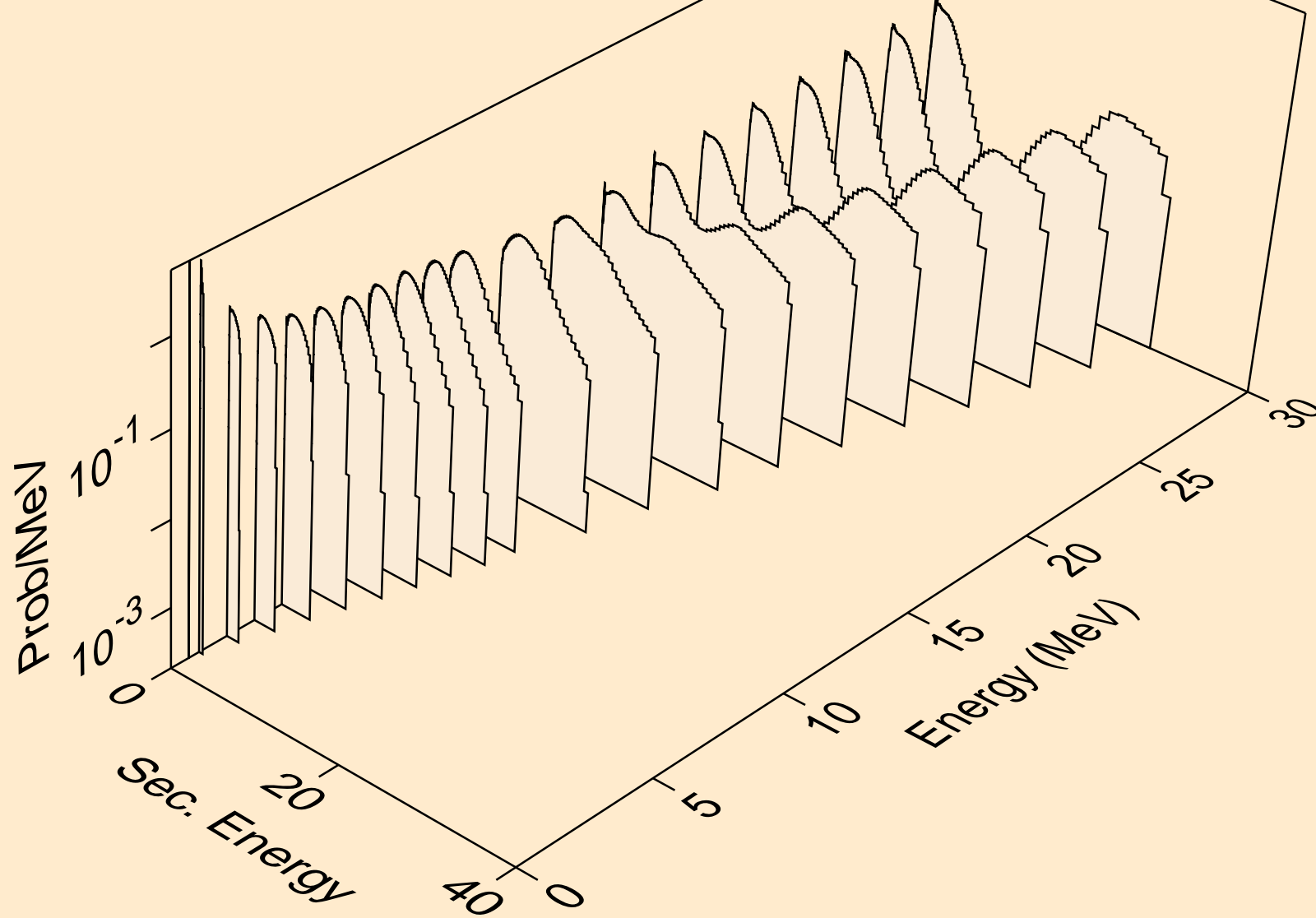




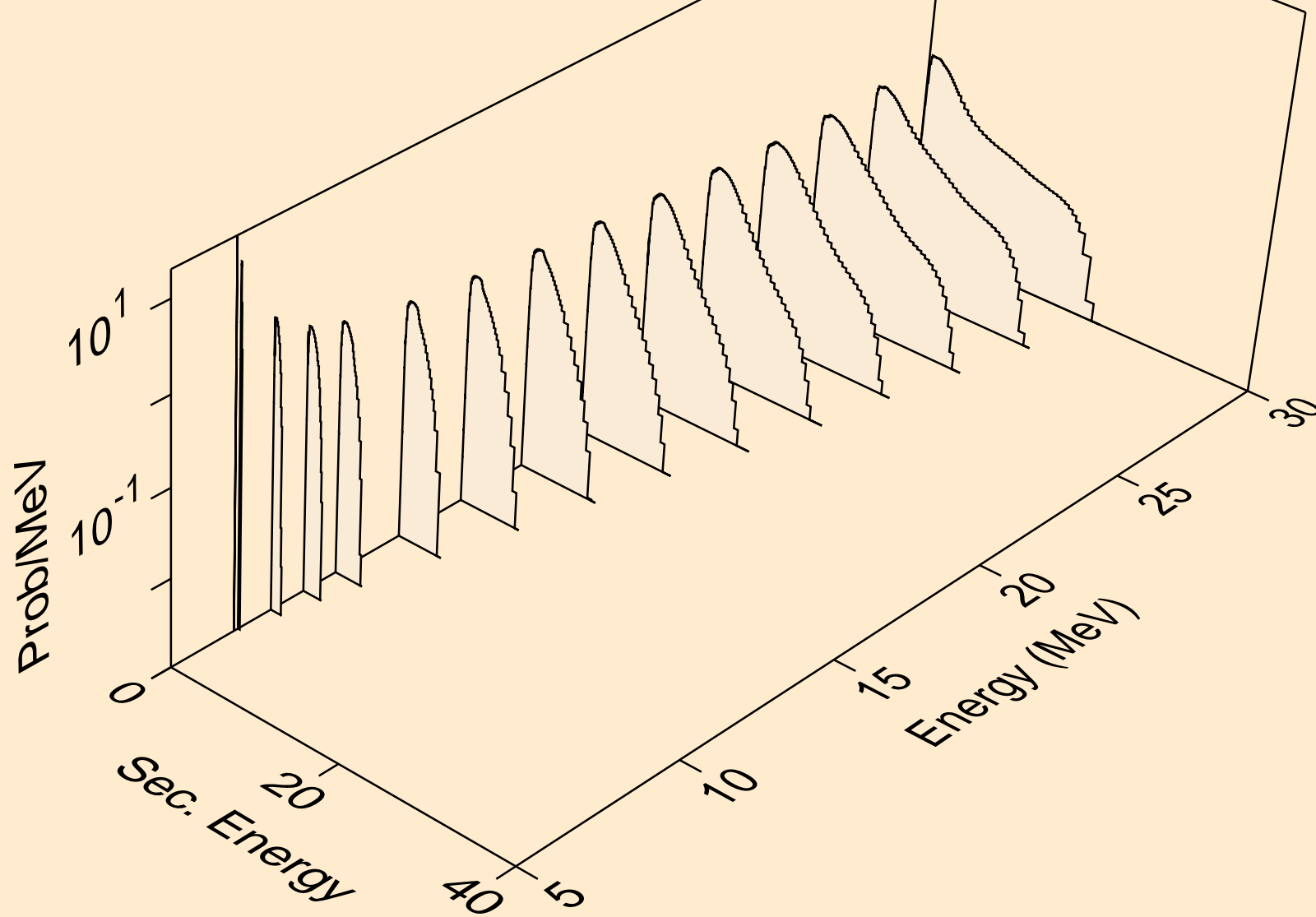
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



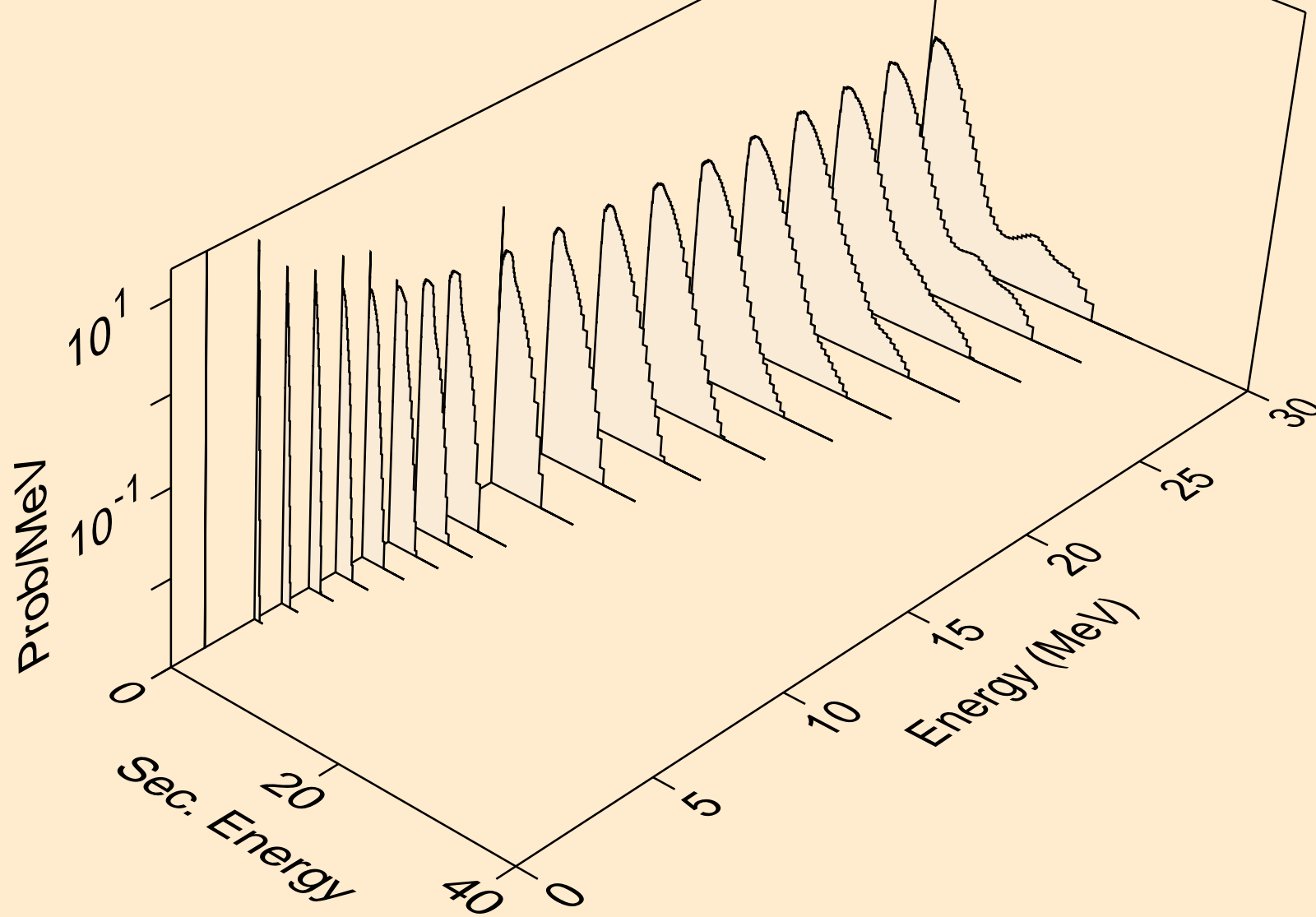
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



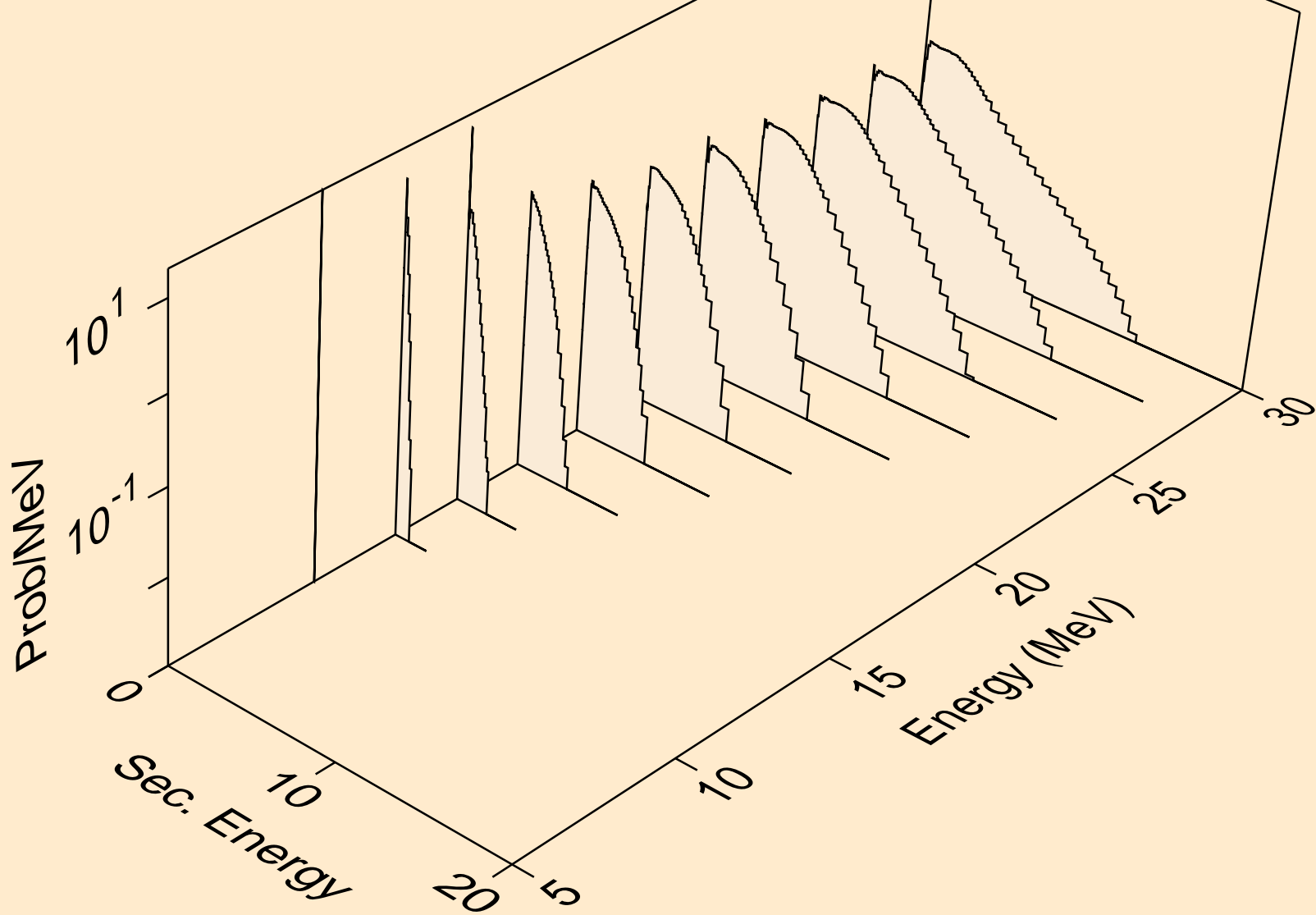
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



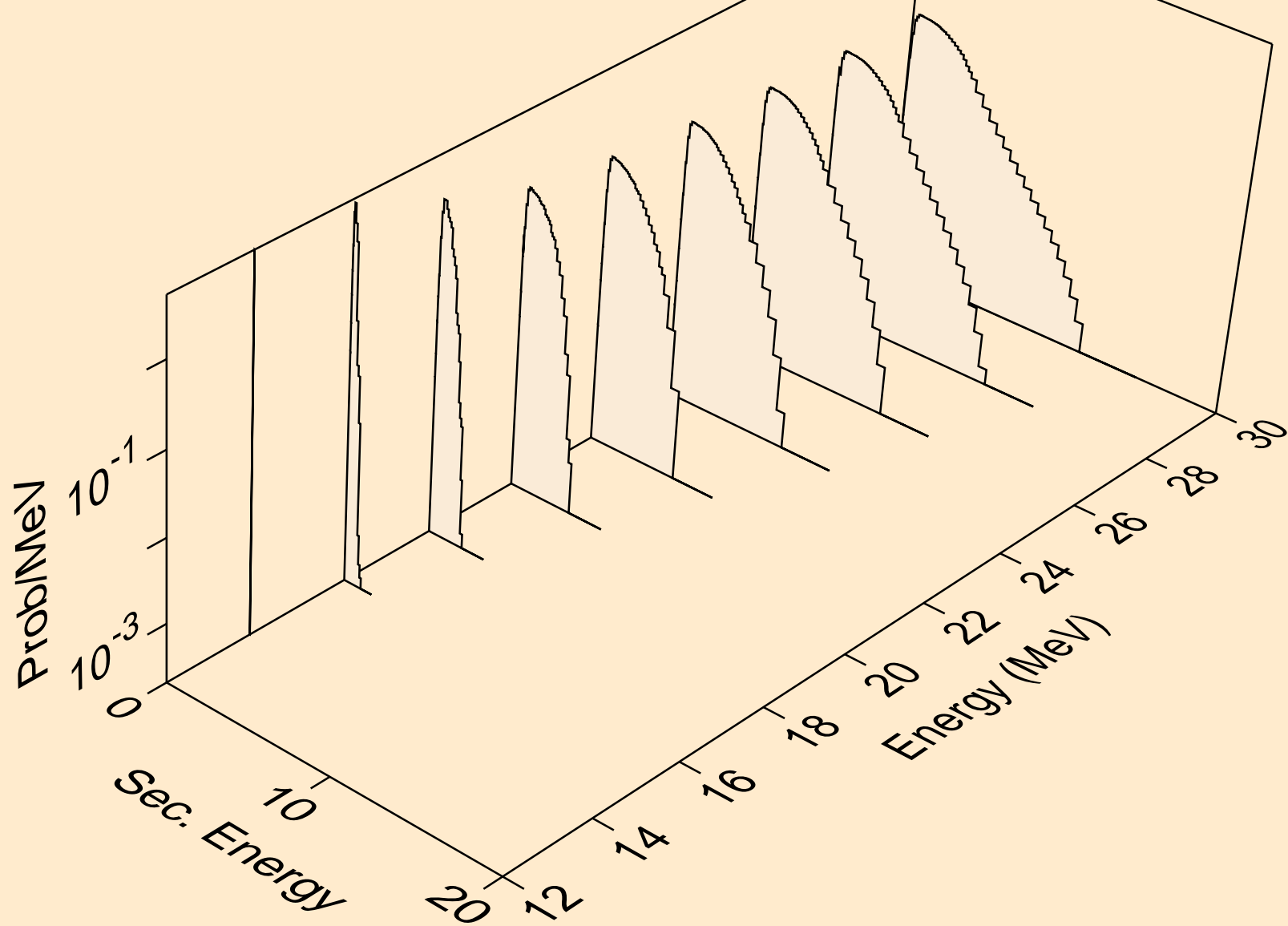
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



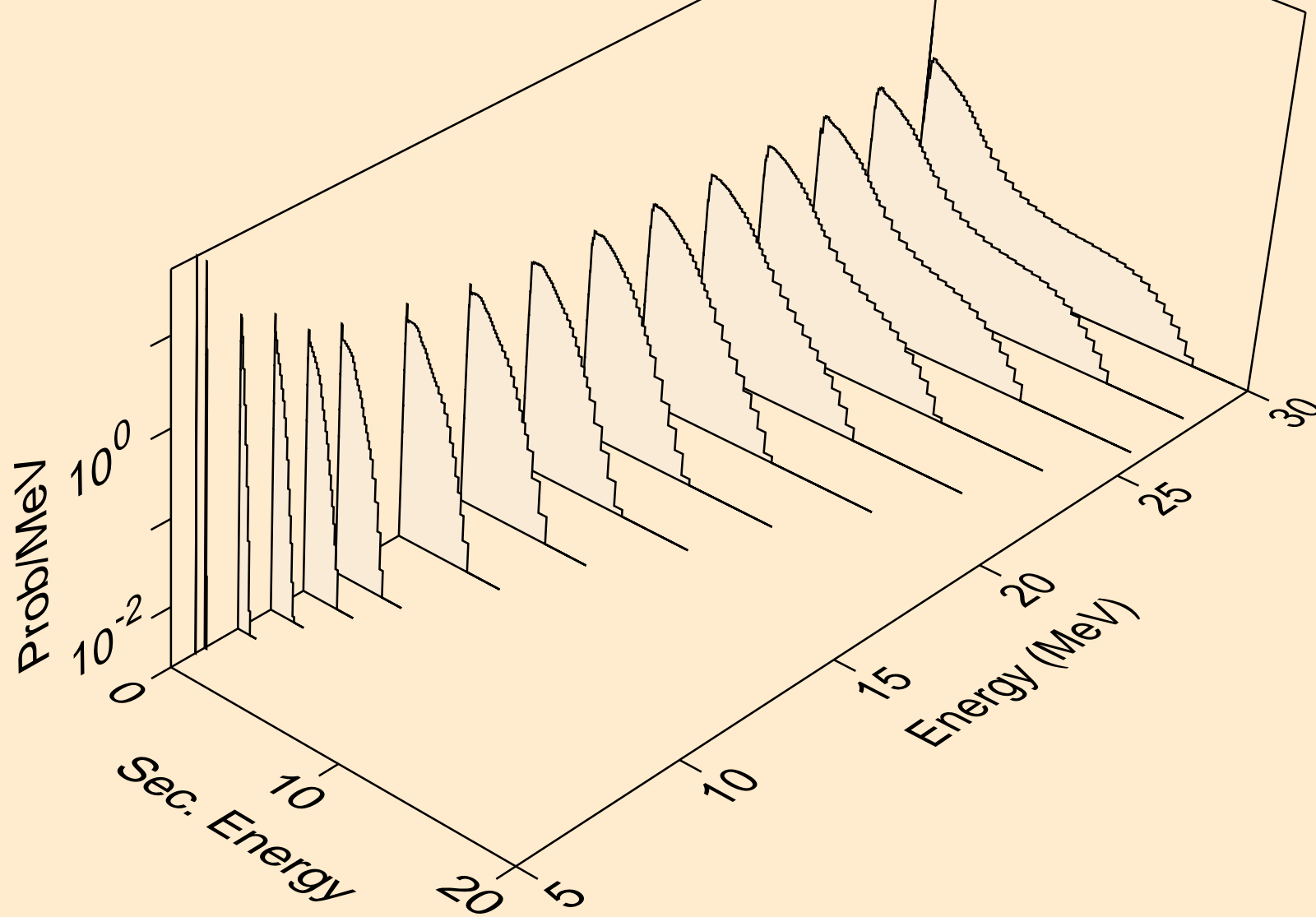
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



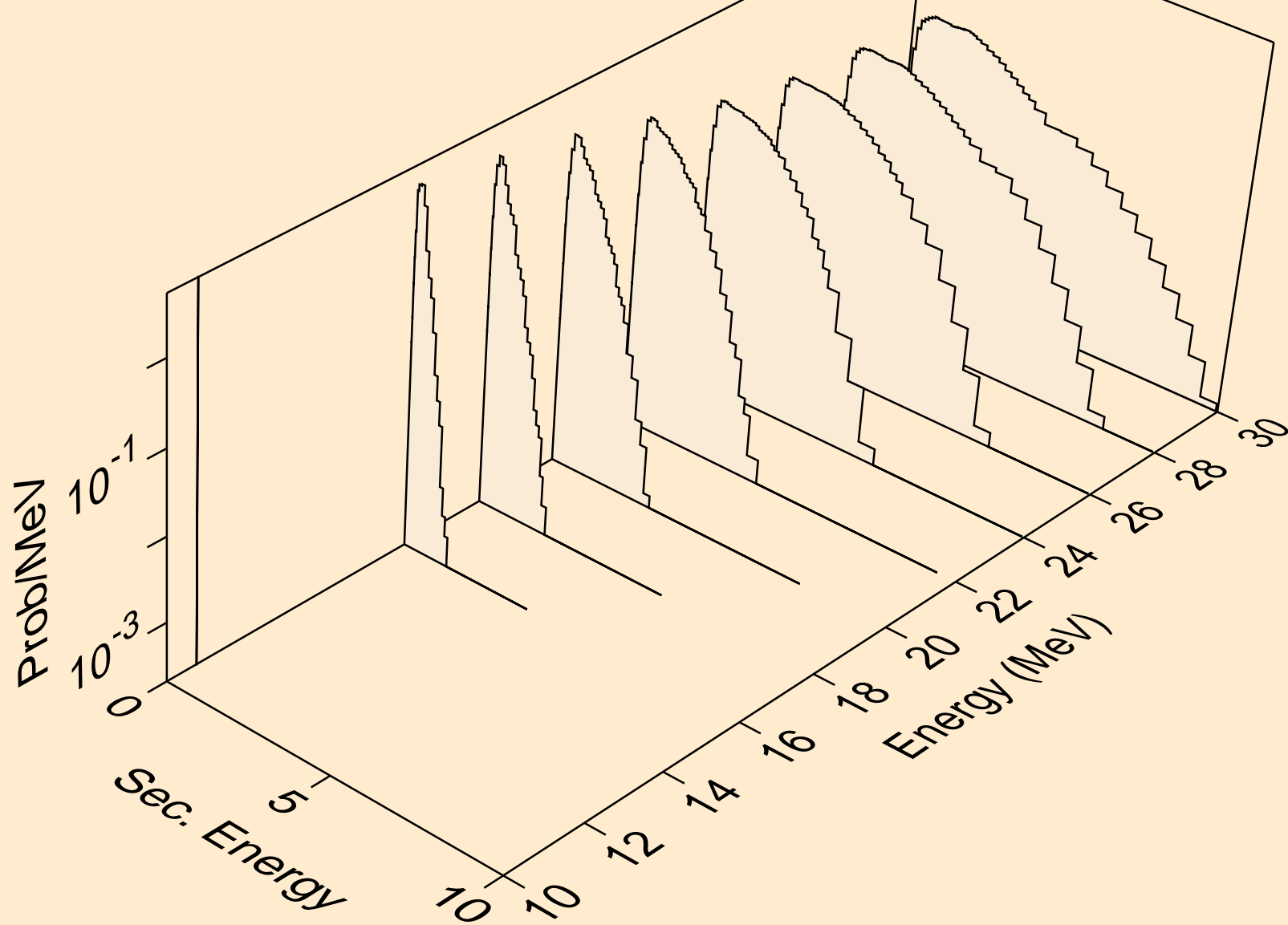
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p

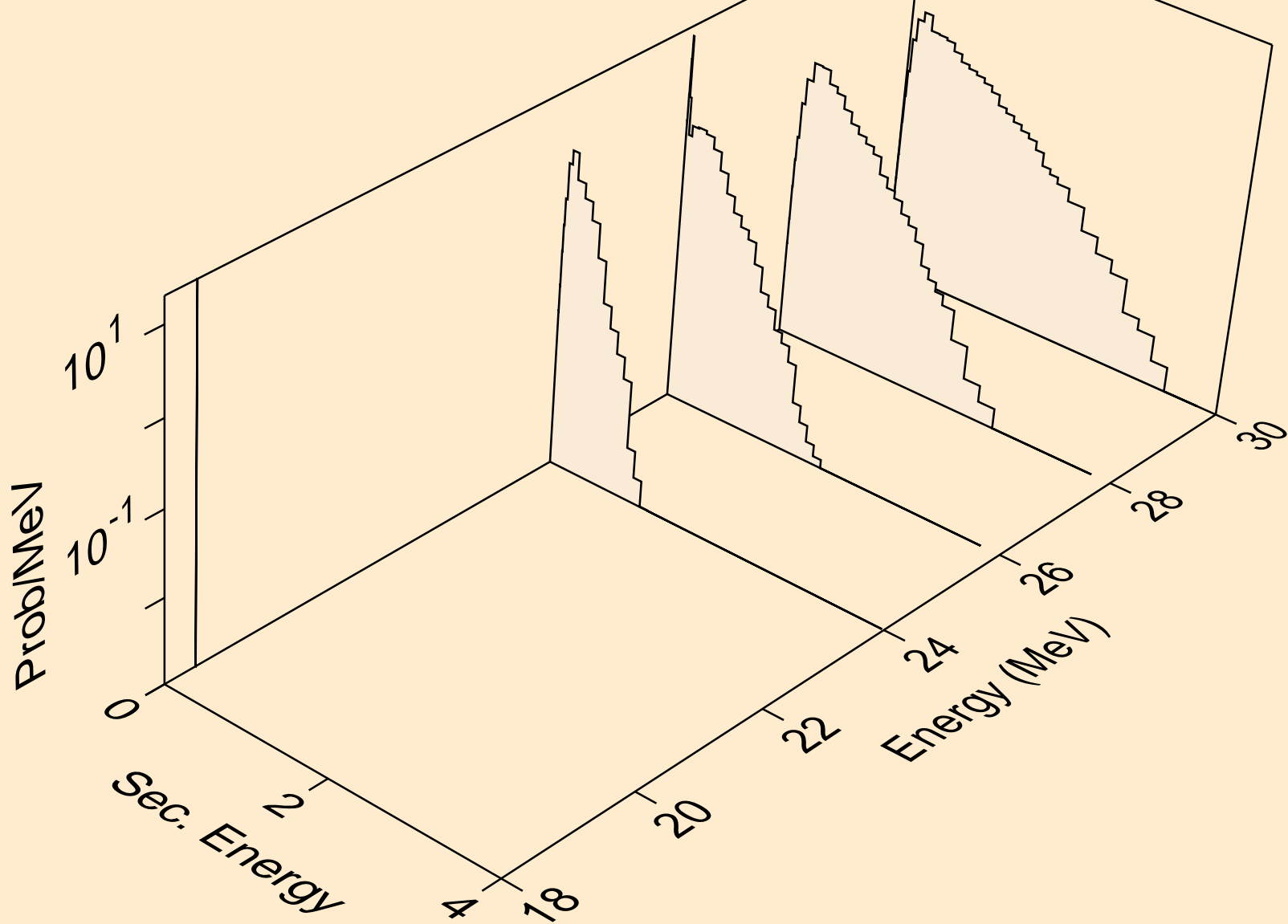


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

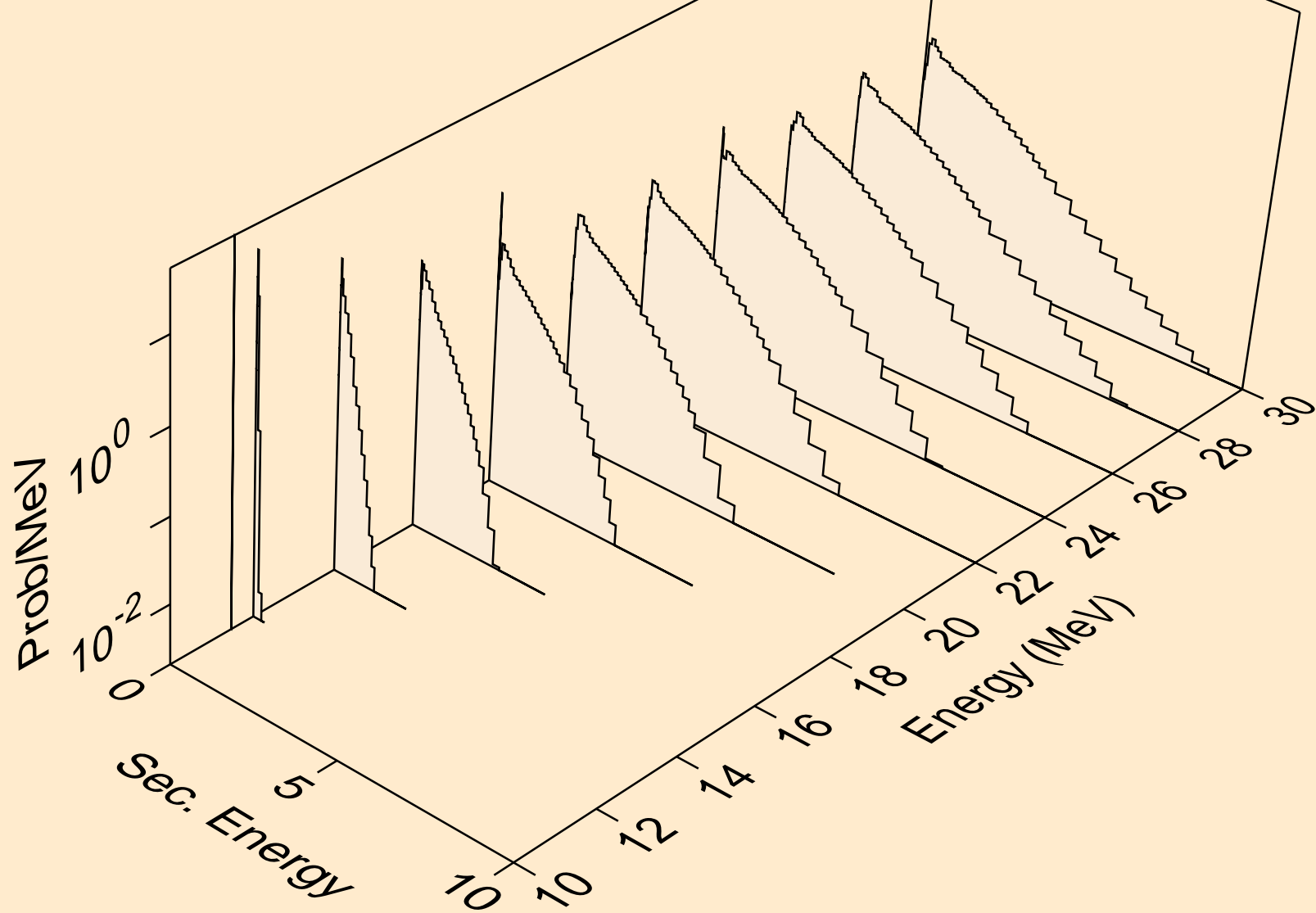




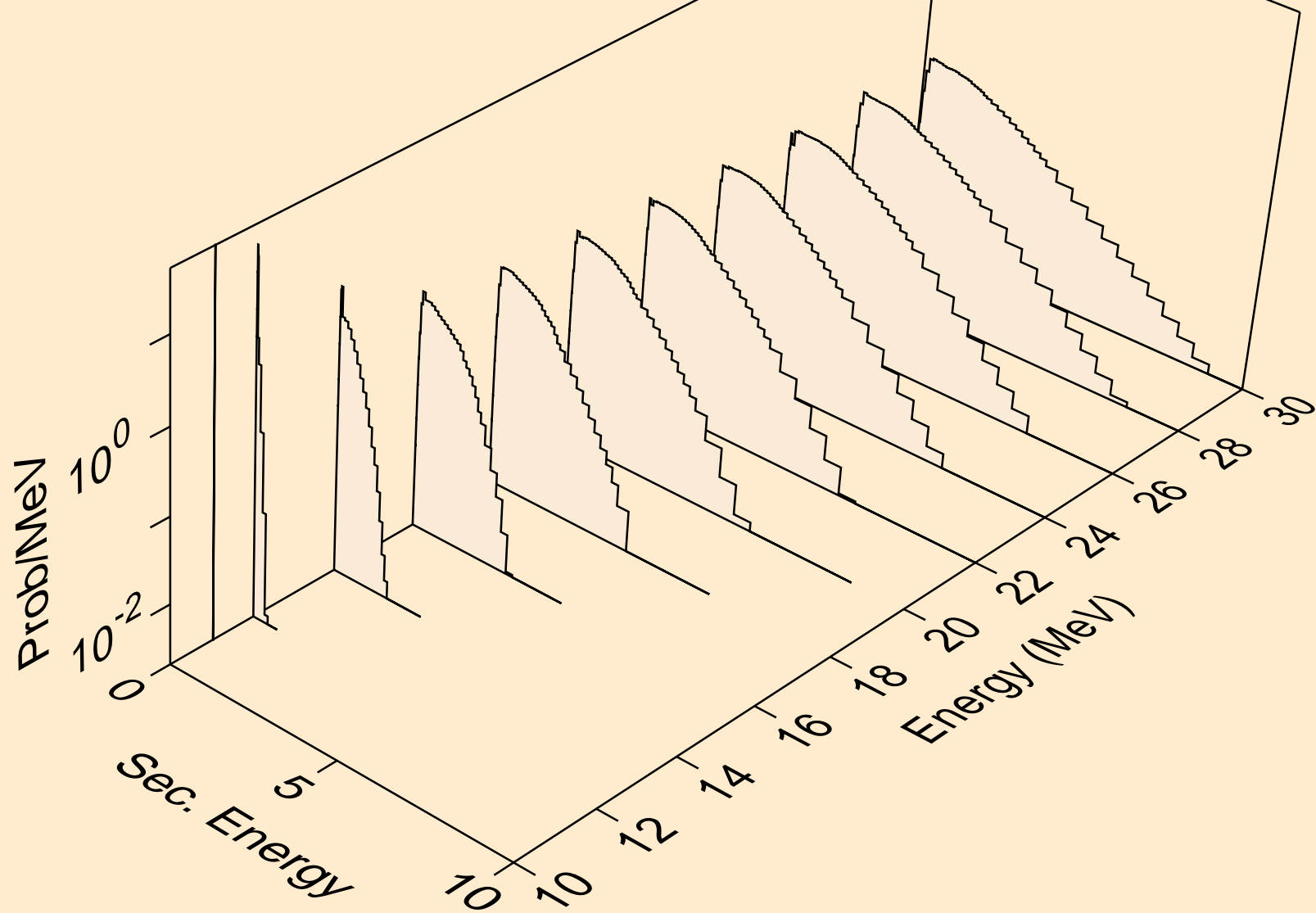
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neutrons from (p,2n)2a



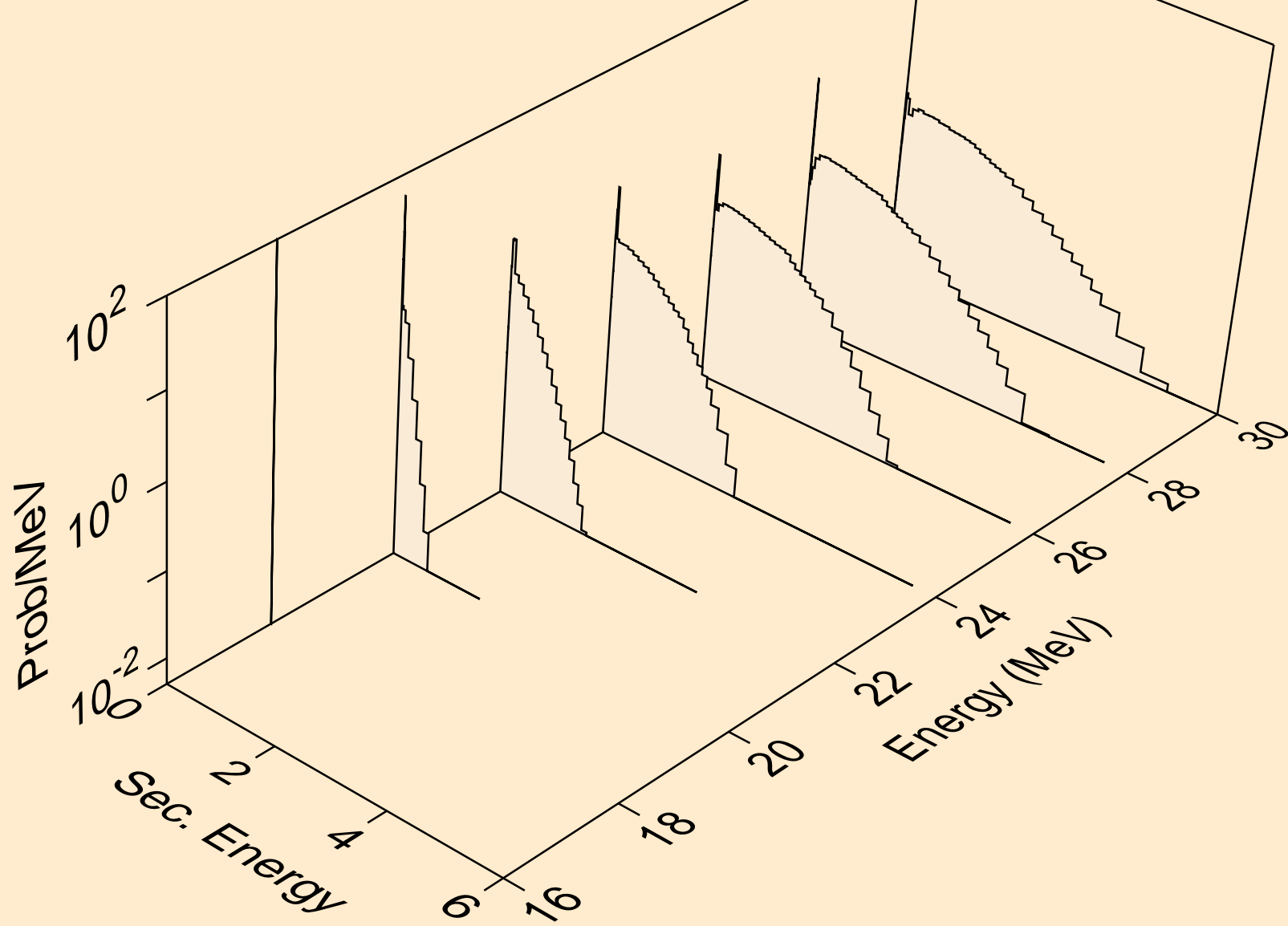
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neutrons from (p,n\*)d



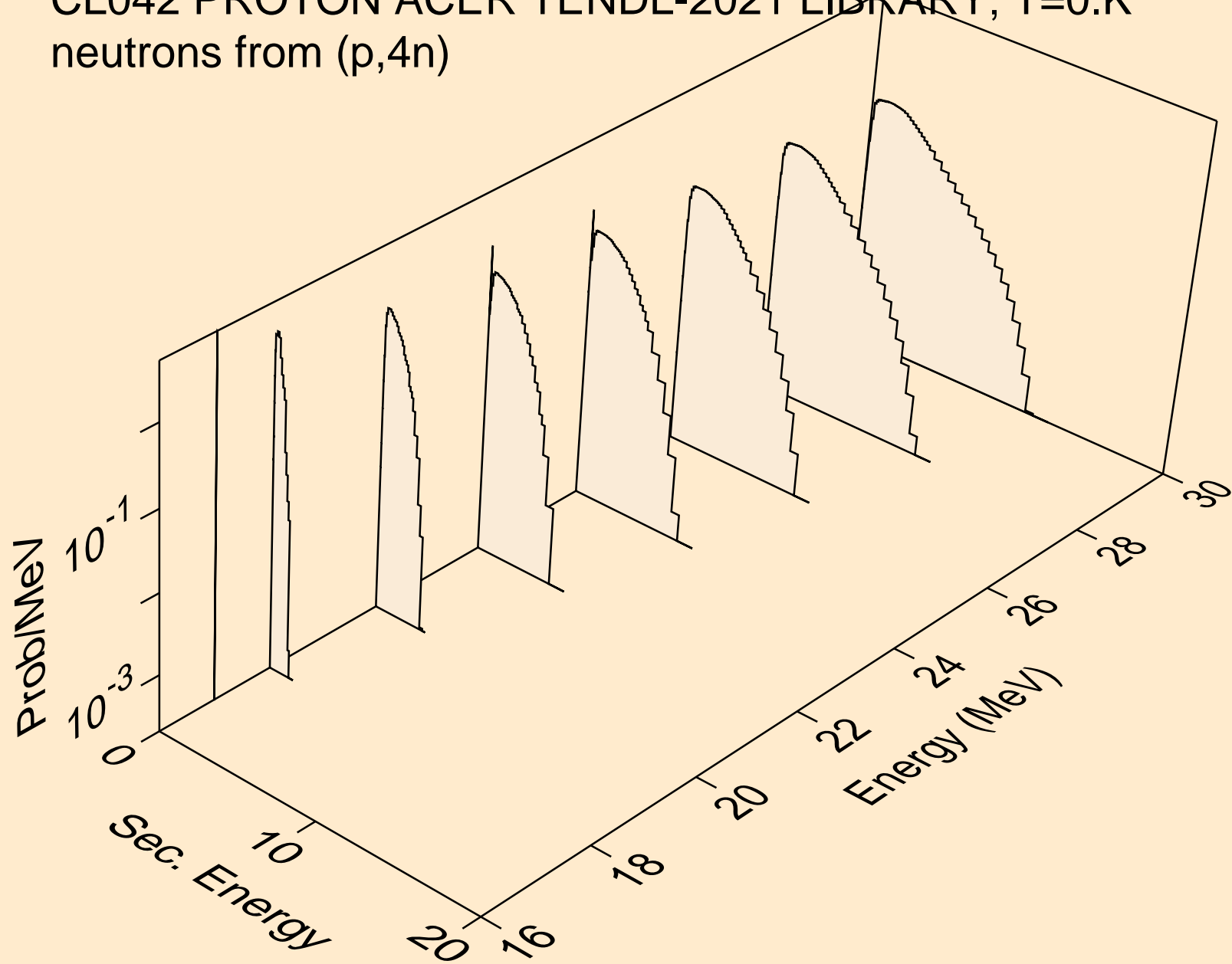
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



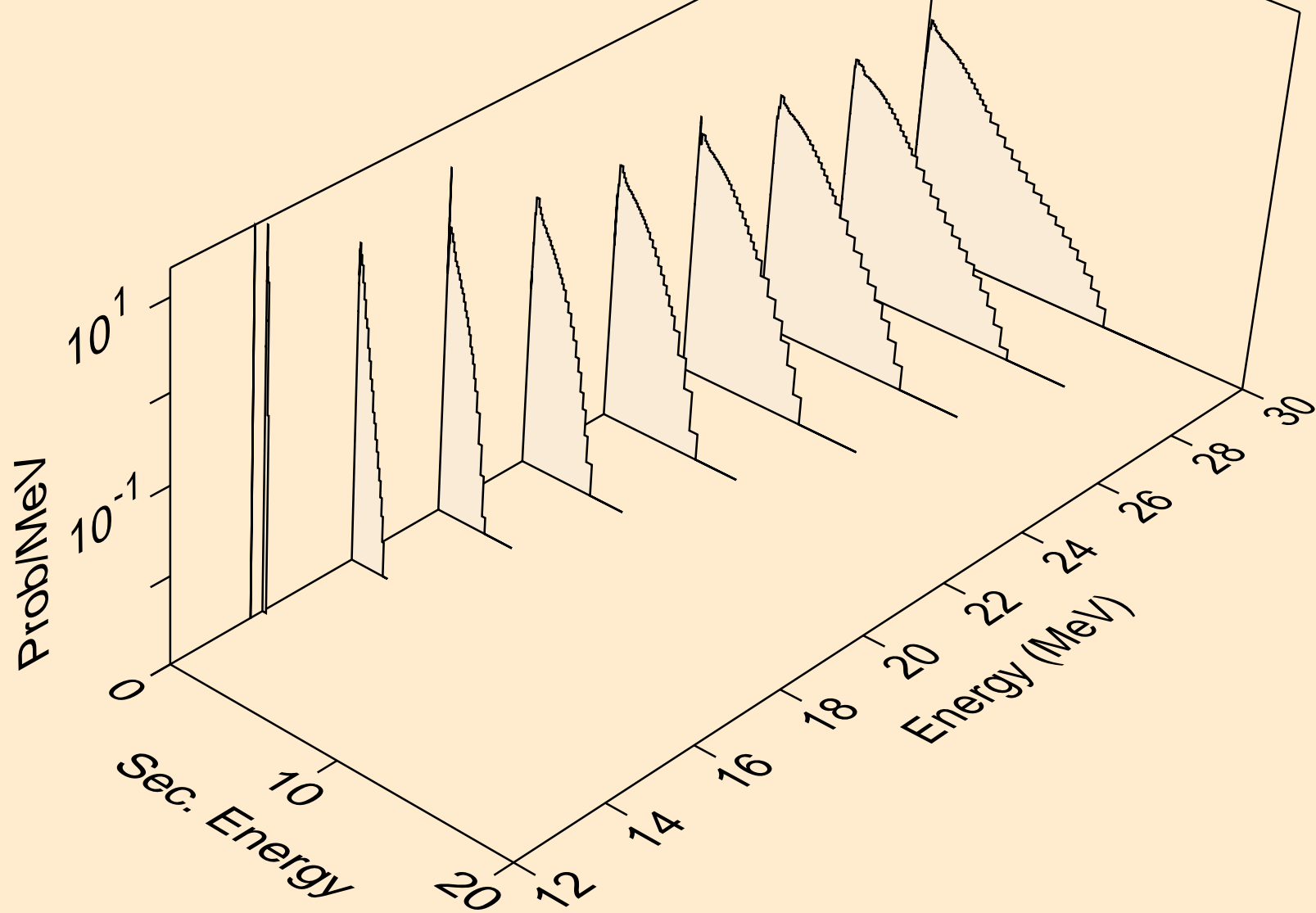
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



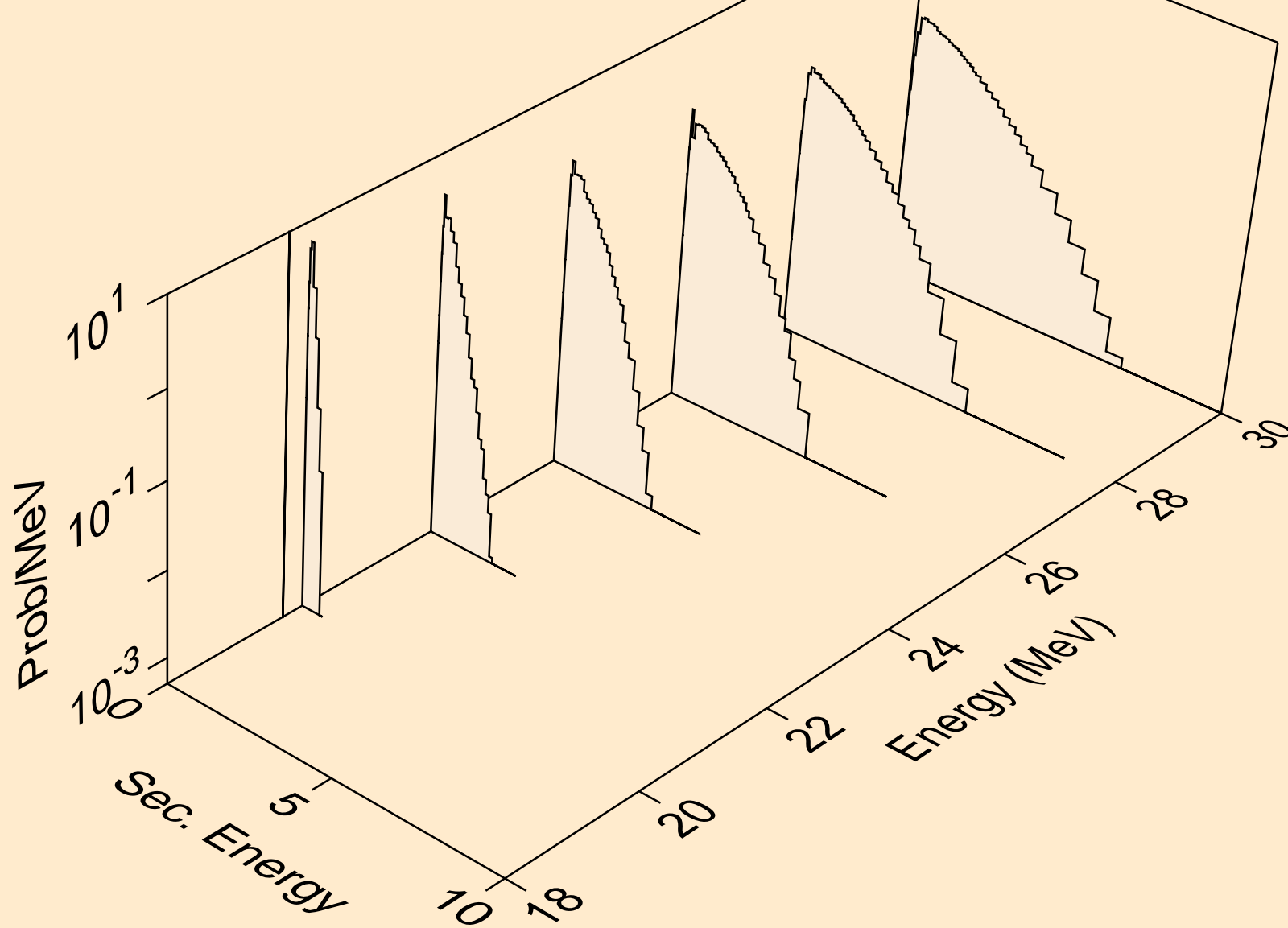
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



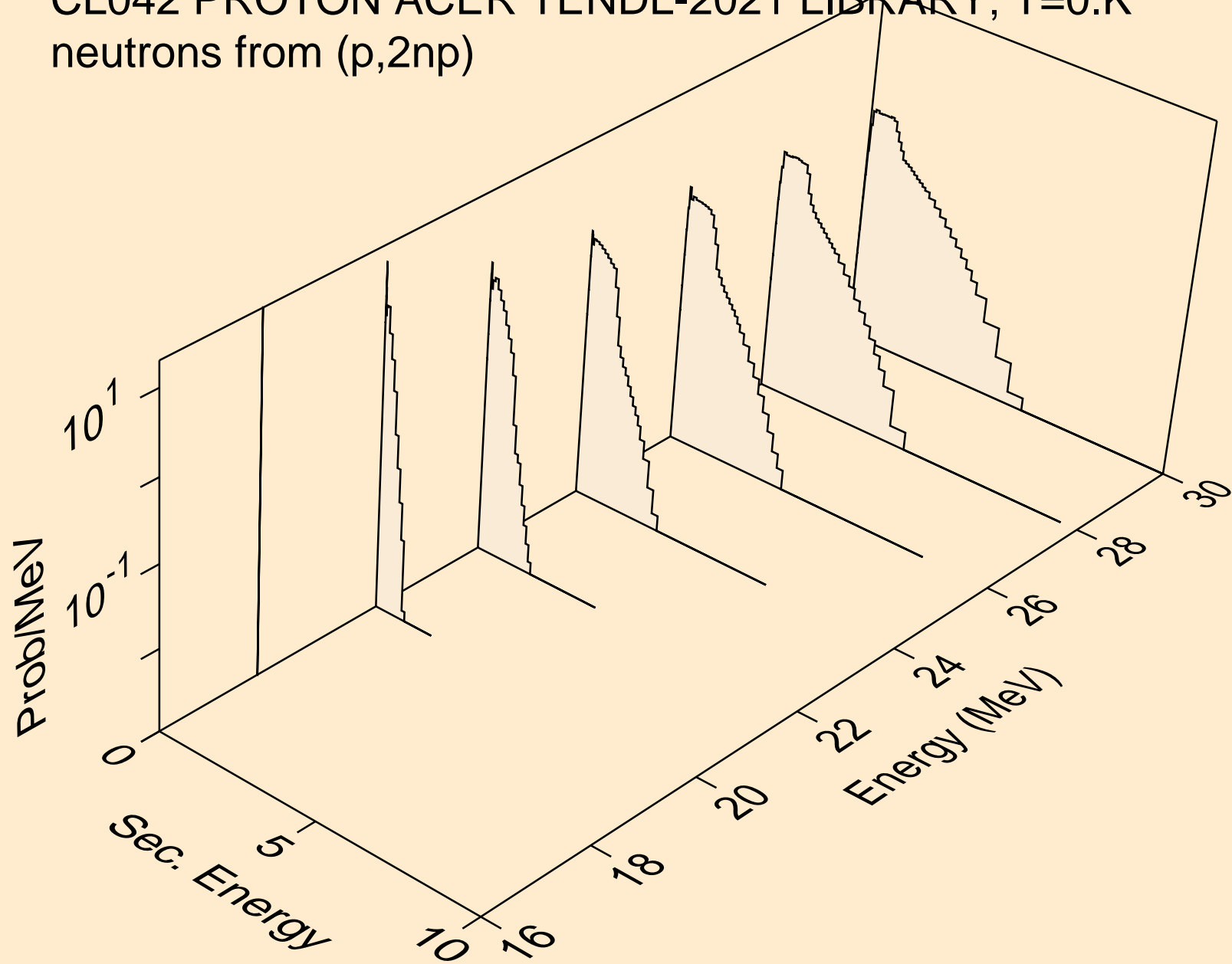
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)

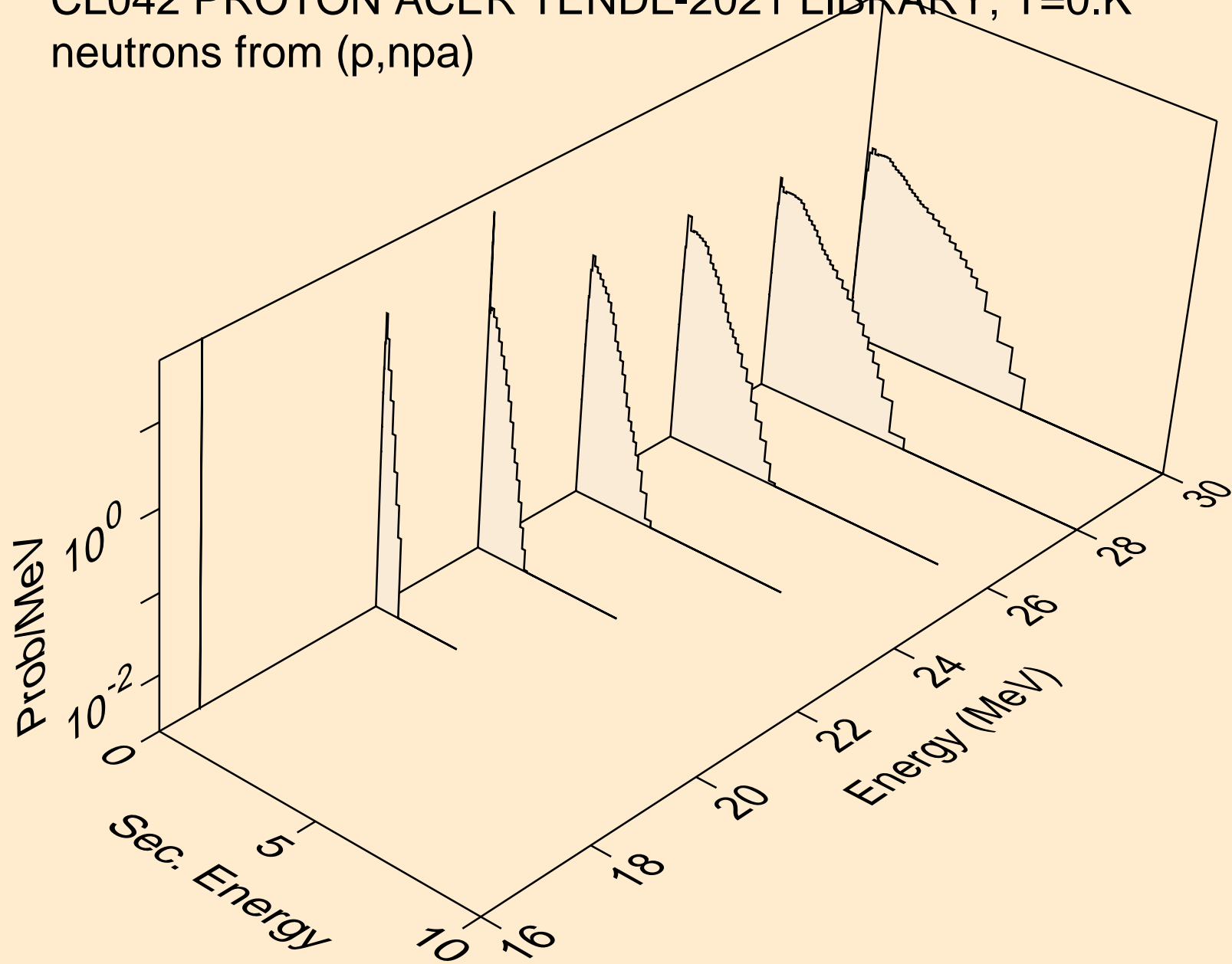


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

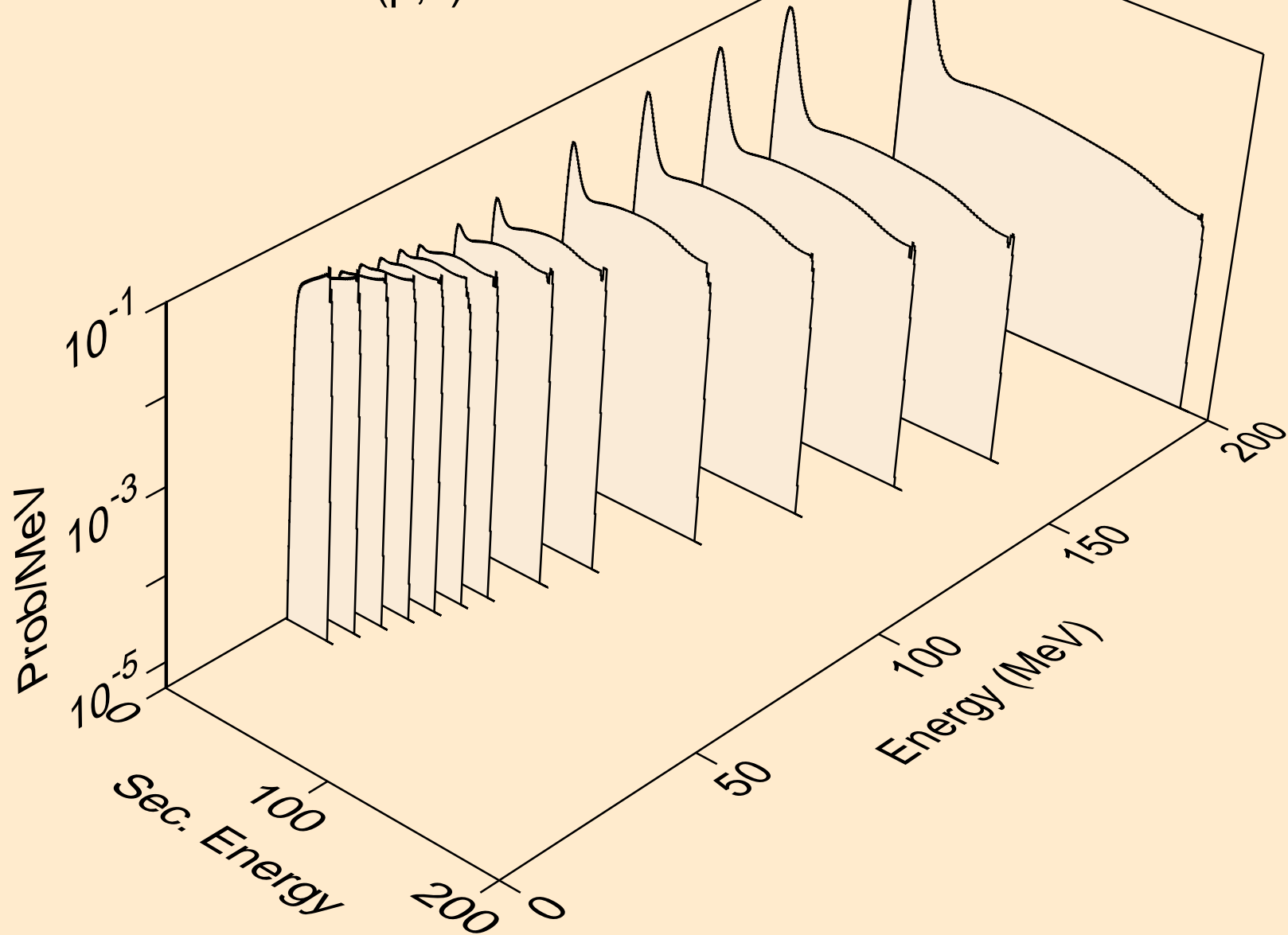




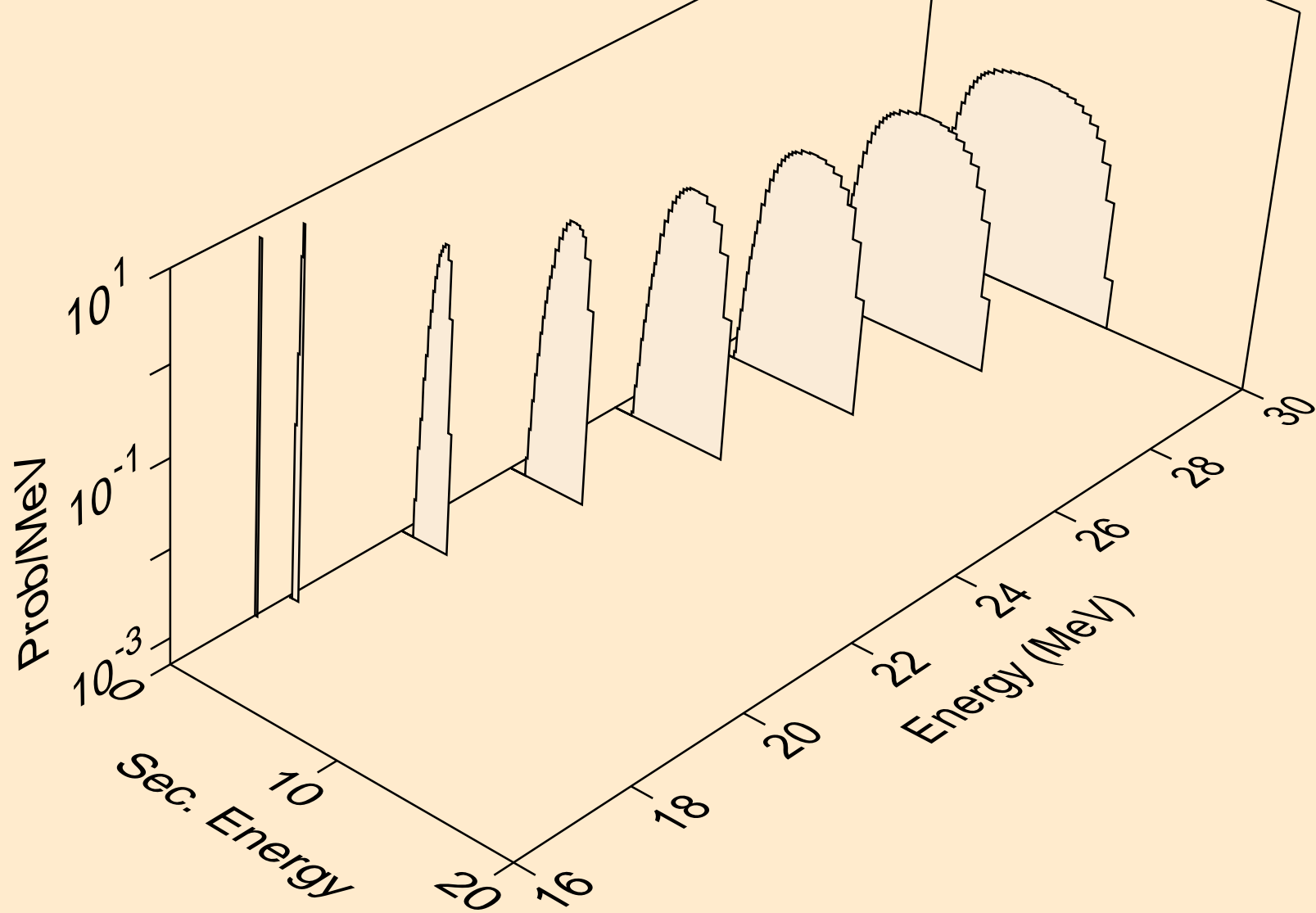
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



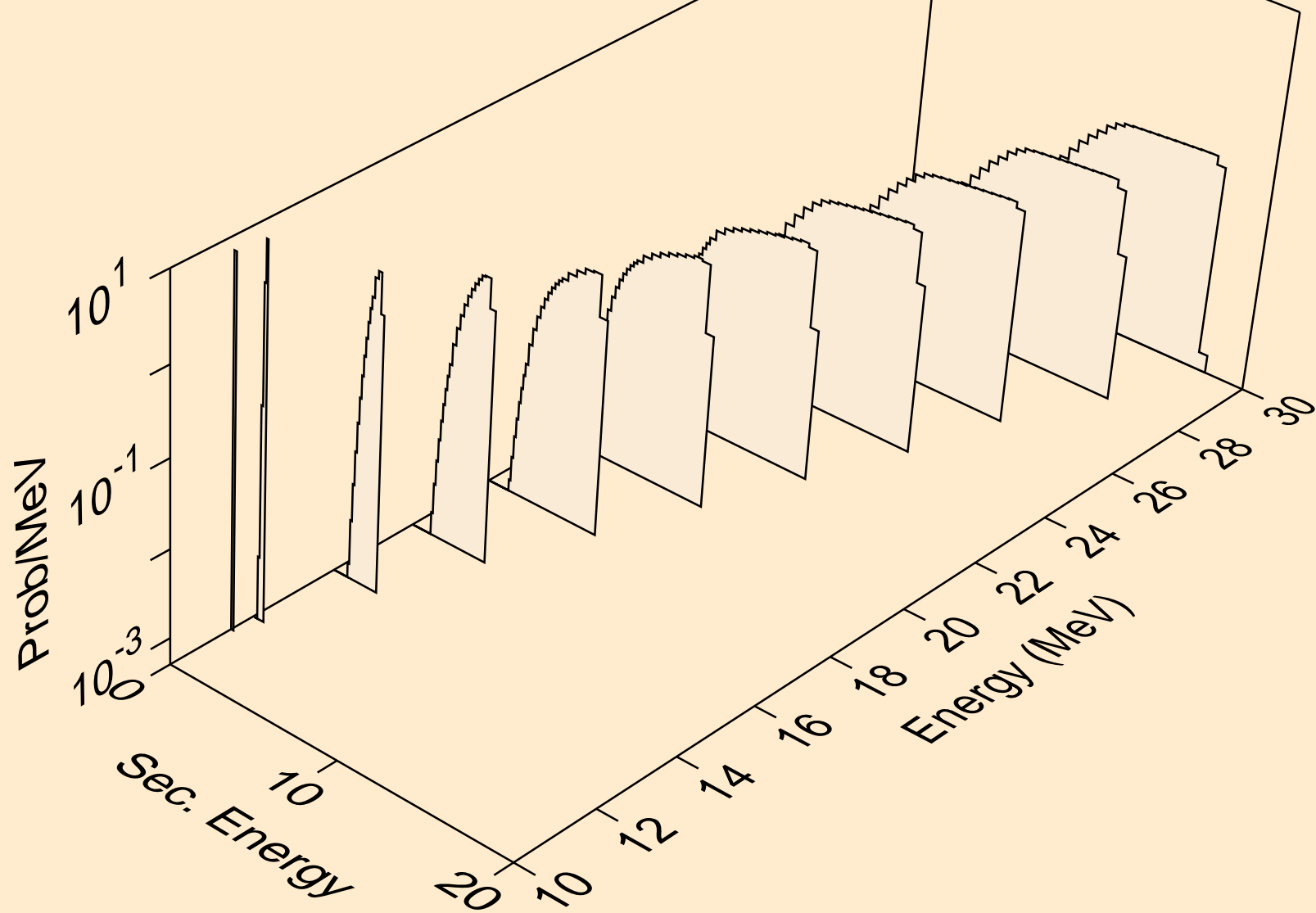
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



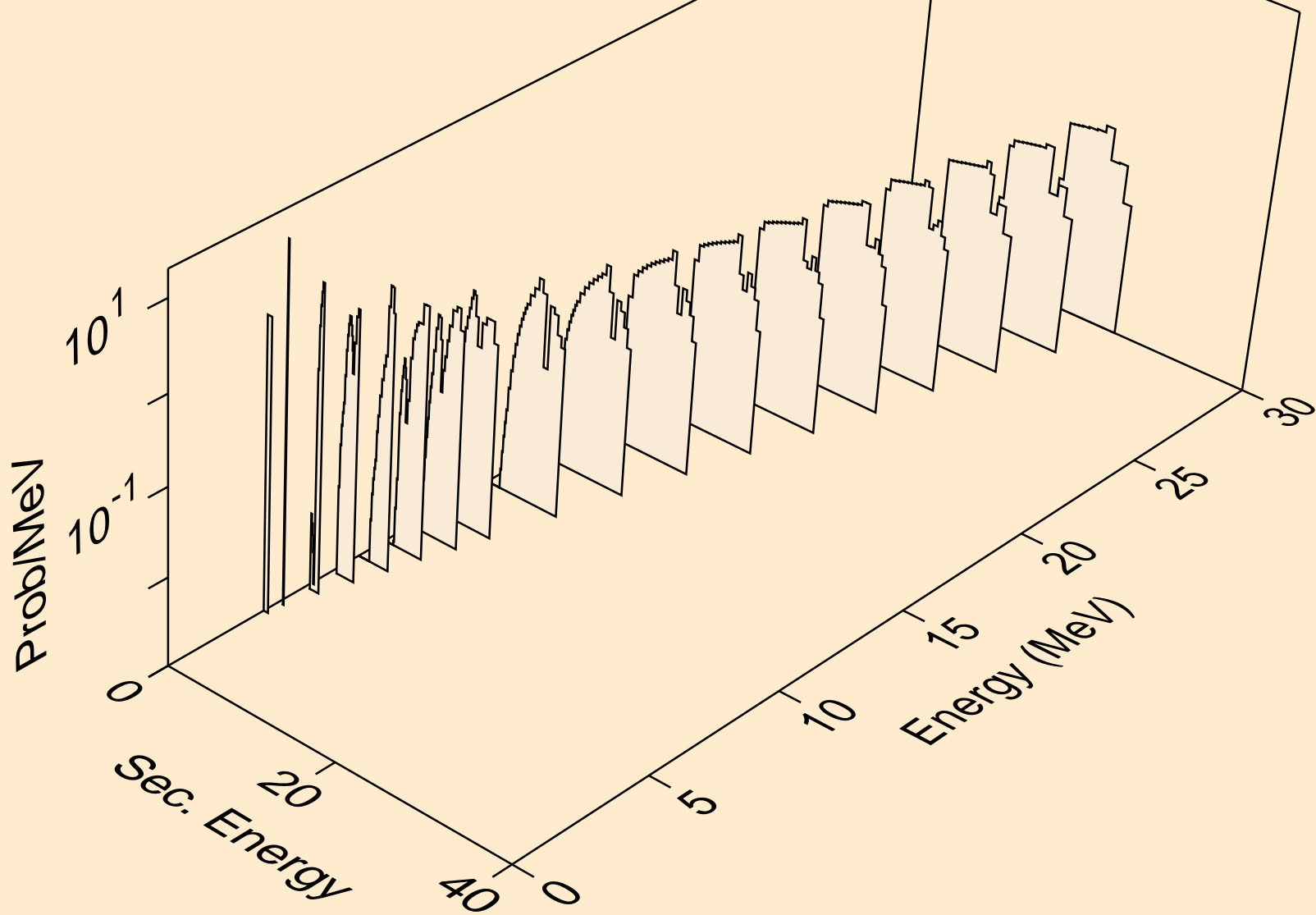
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deuterons from (p,2nd)



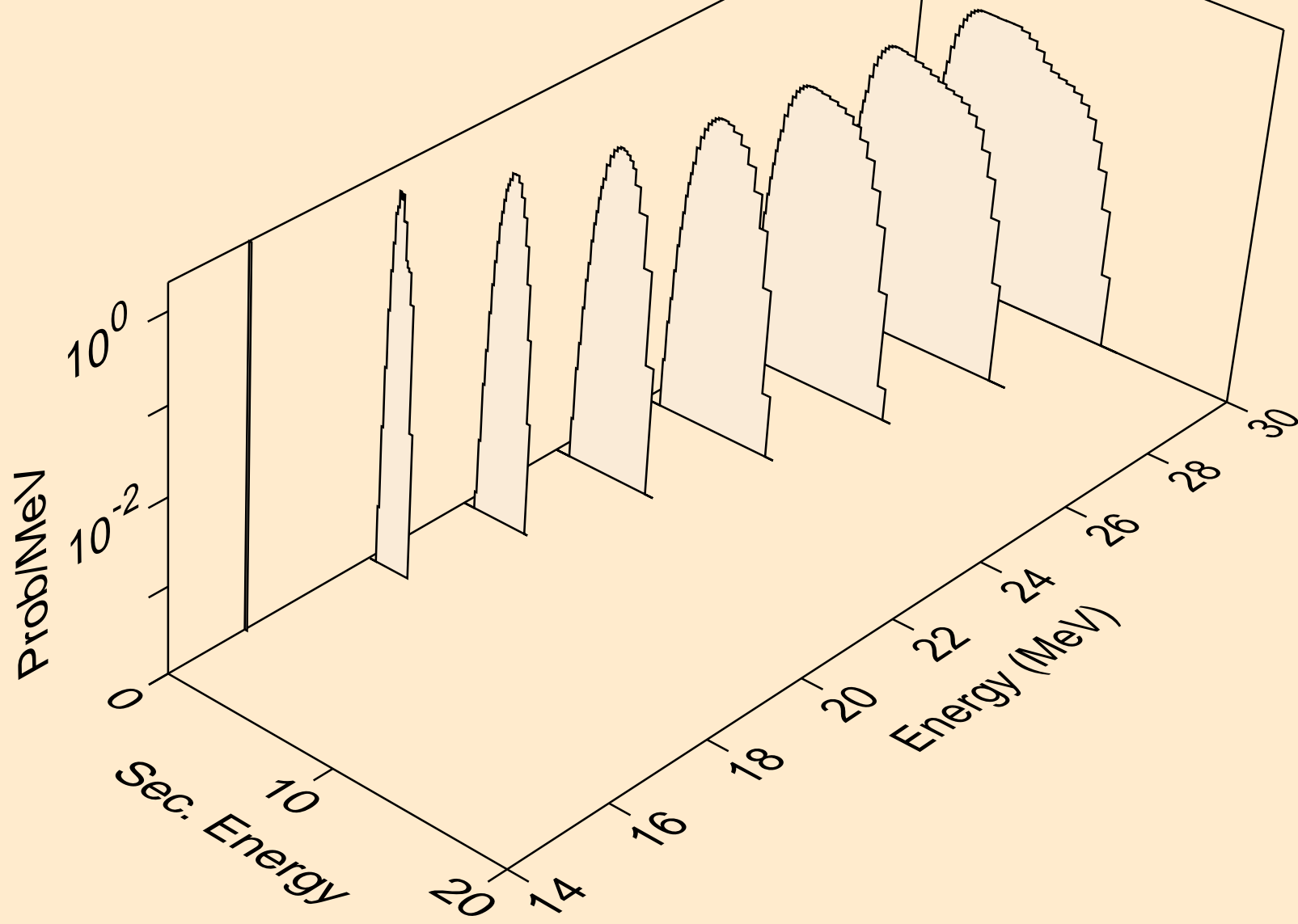
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deuterons from (p,n\*)d



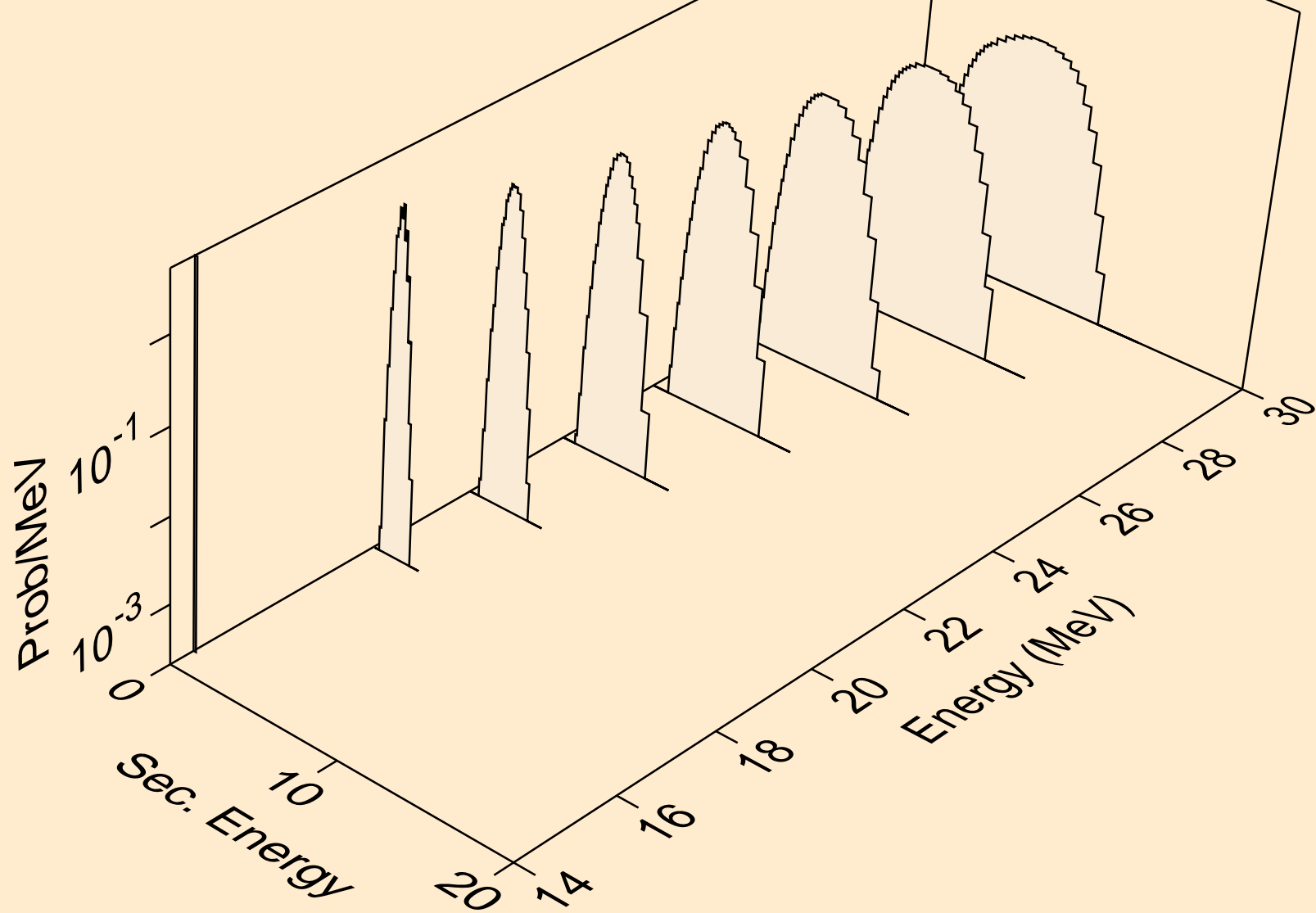
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deuterons from (p,d)



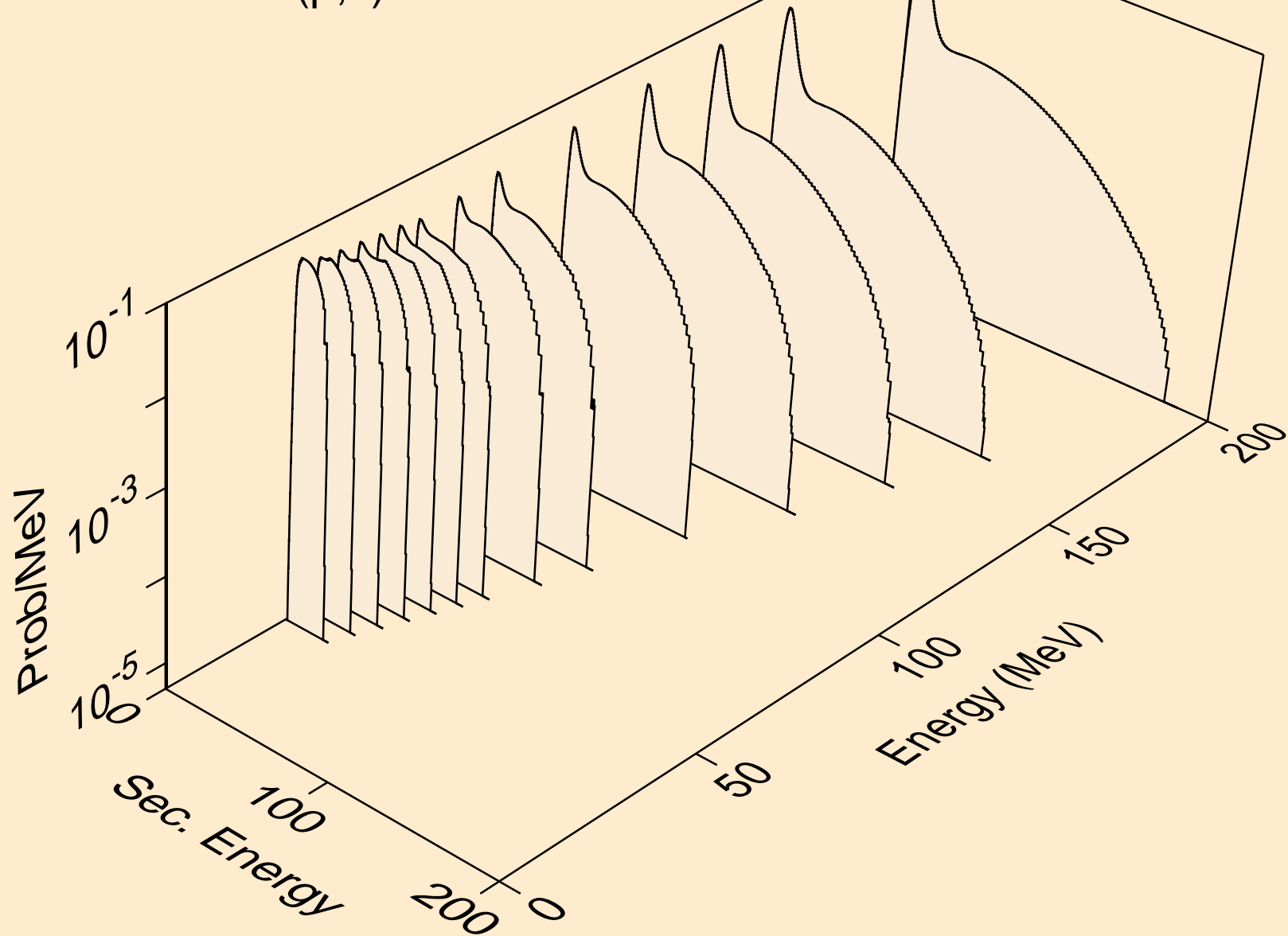
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deuterons from (p,pd)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)

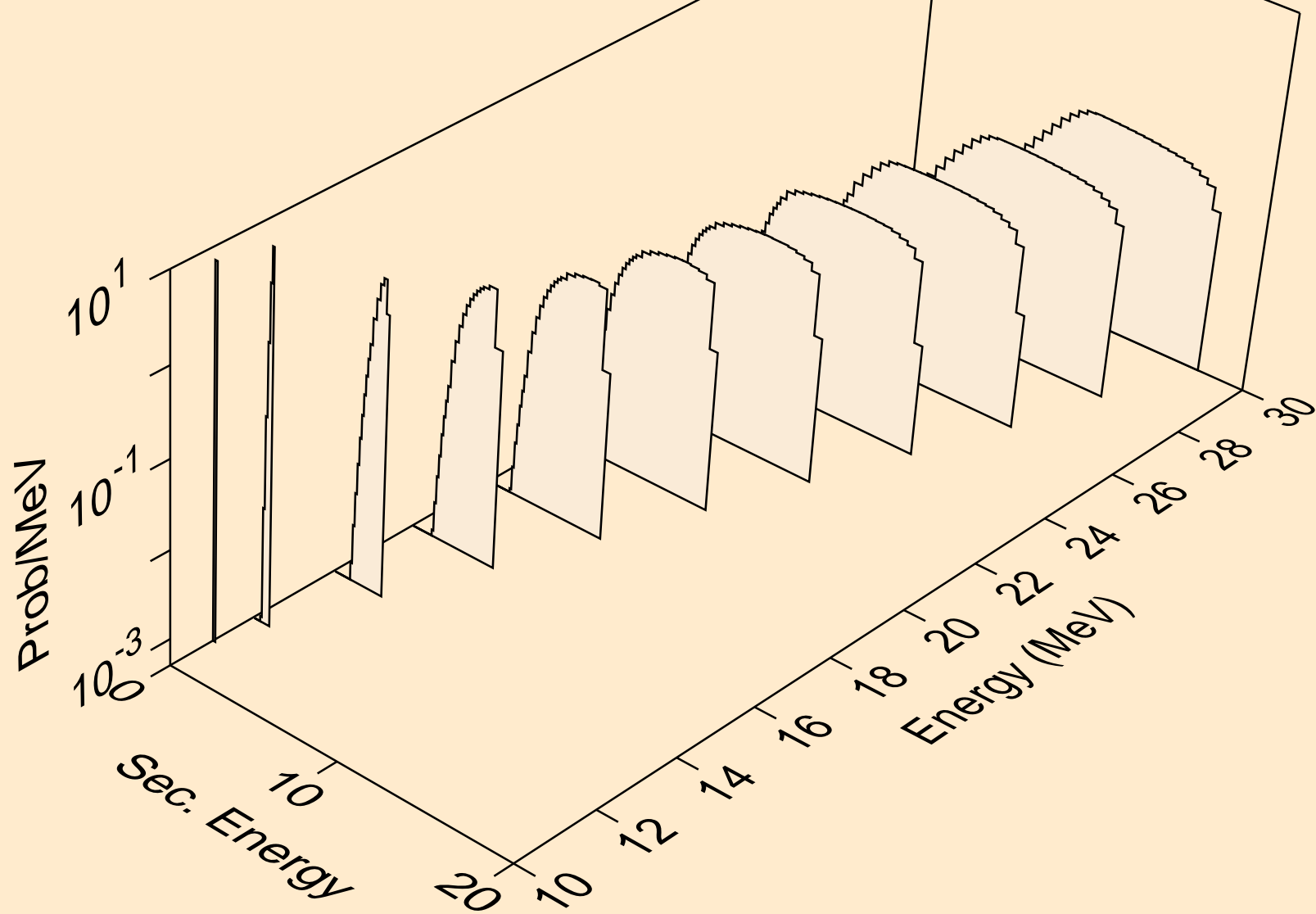


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

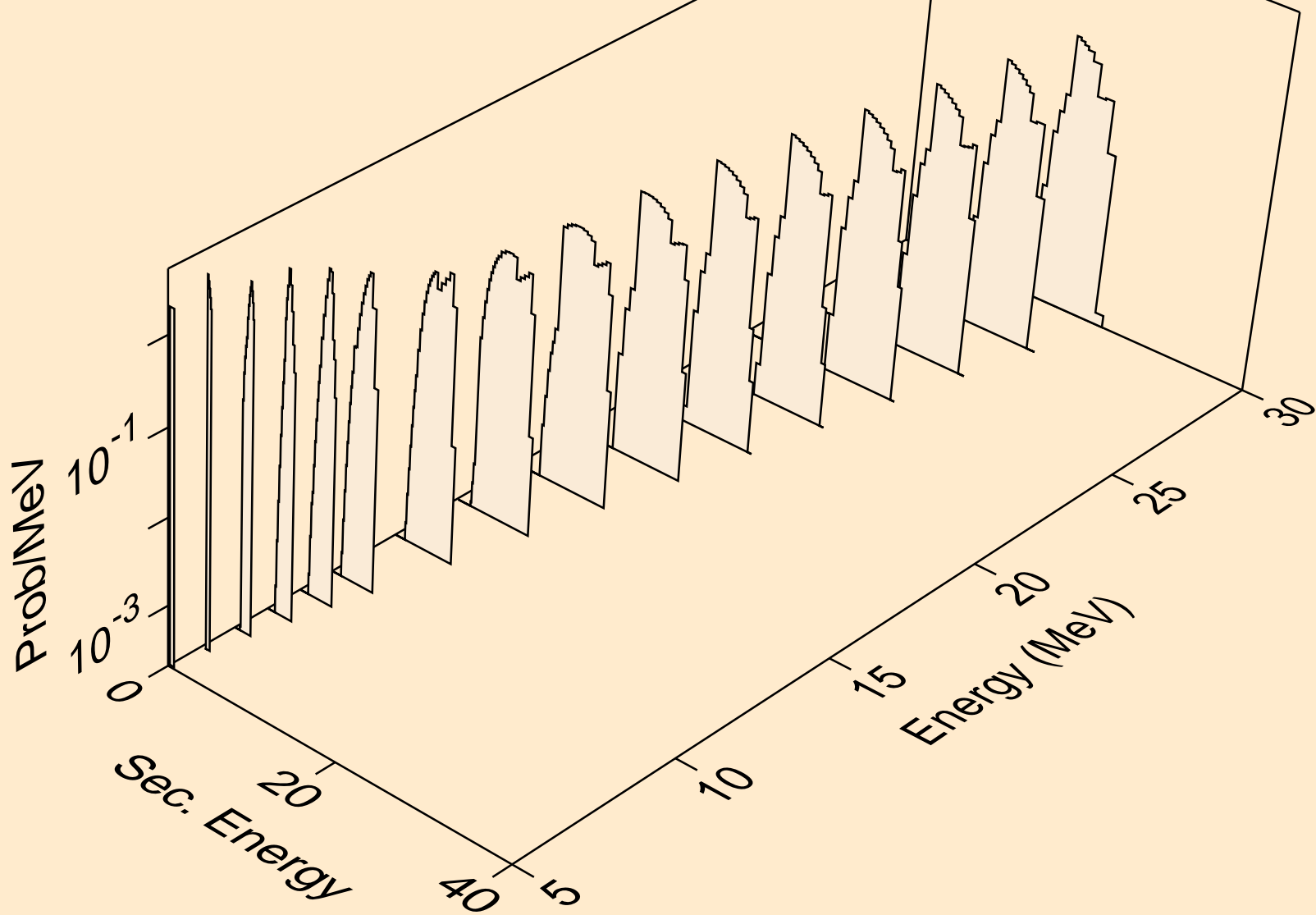




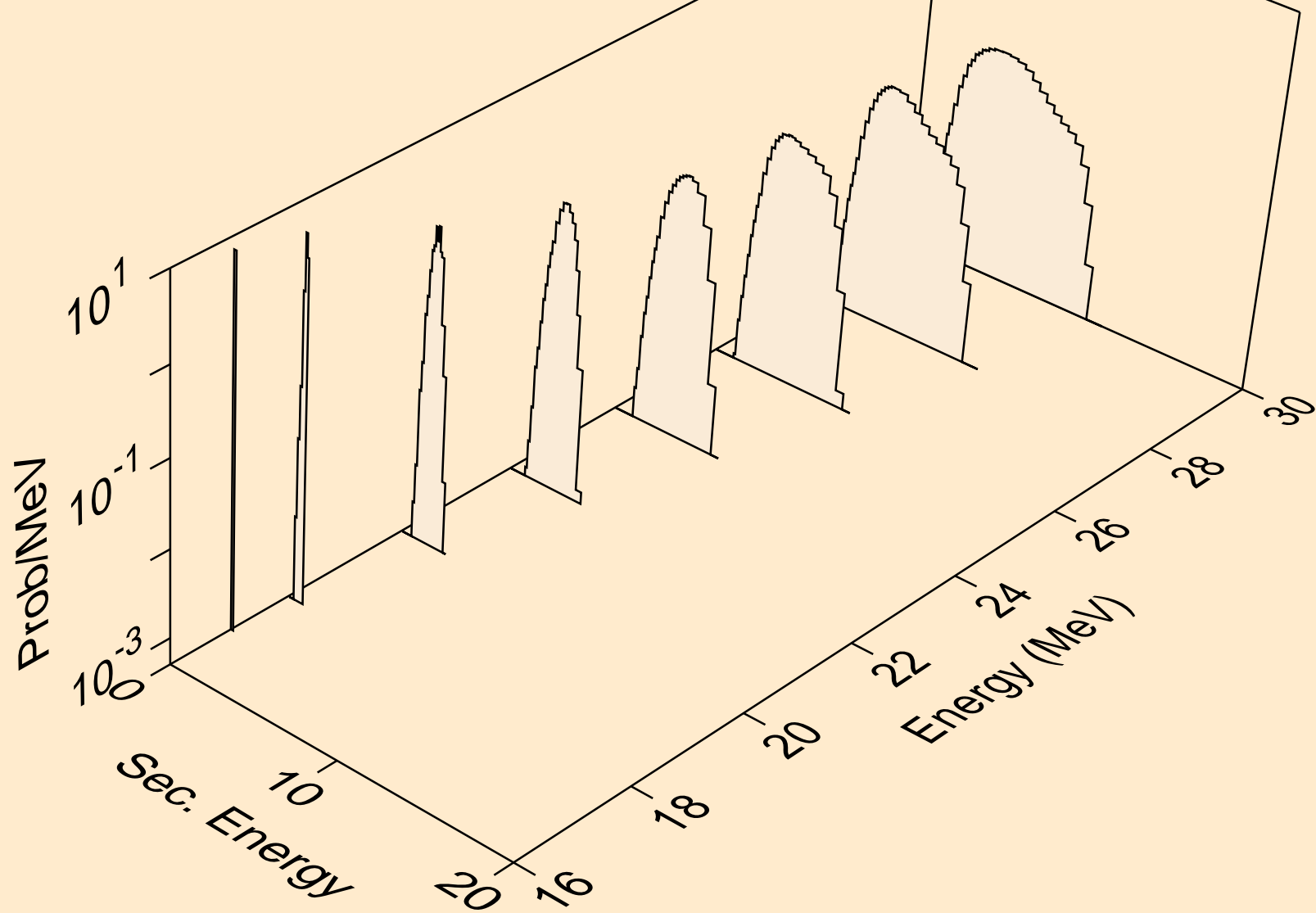
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



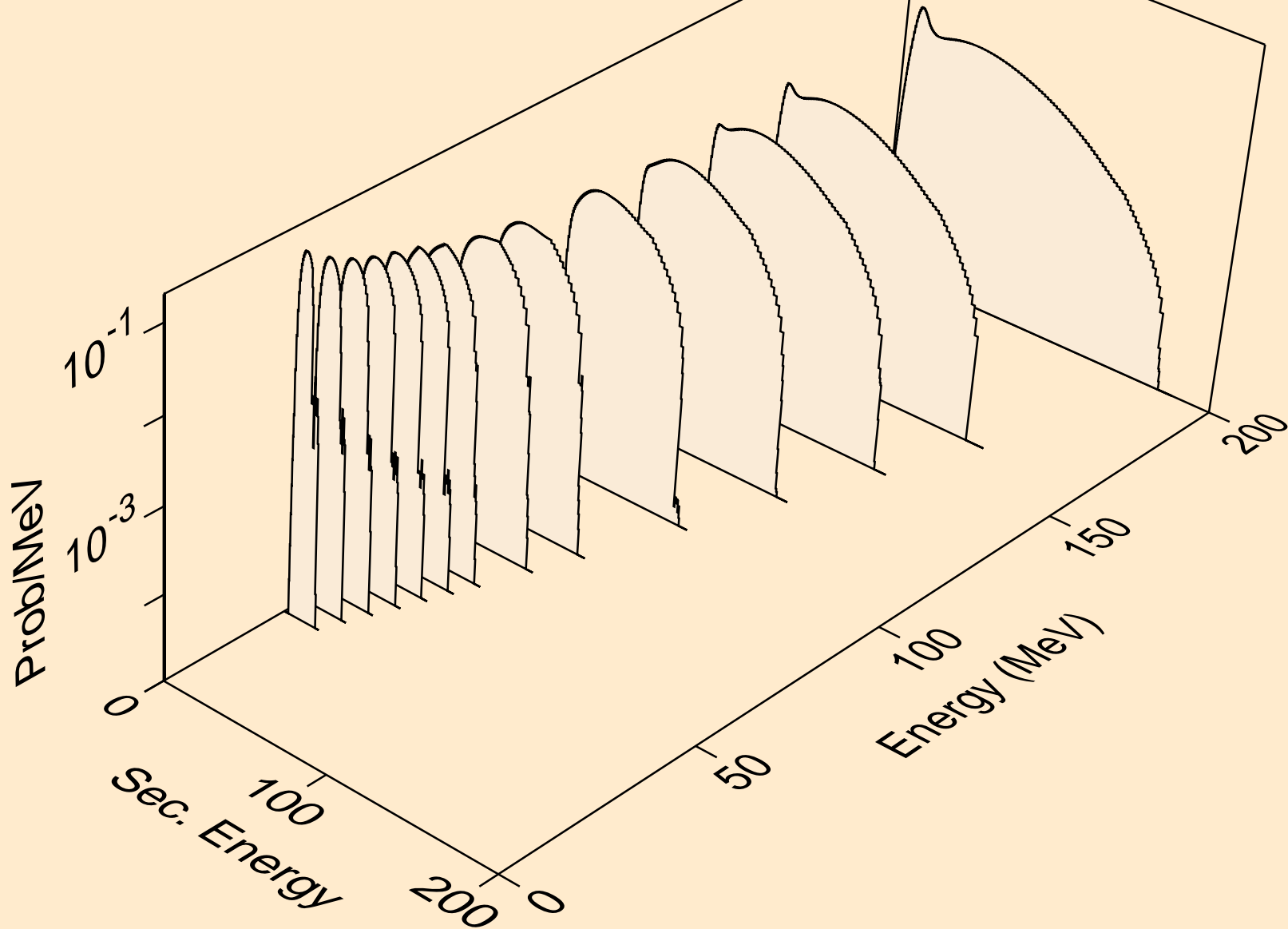
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



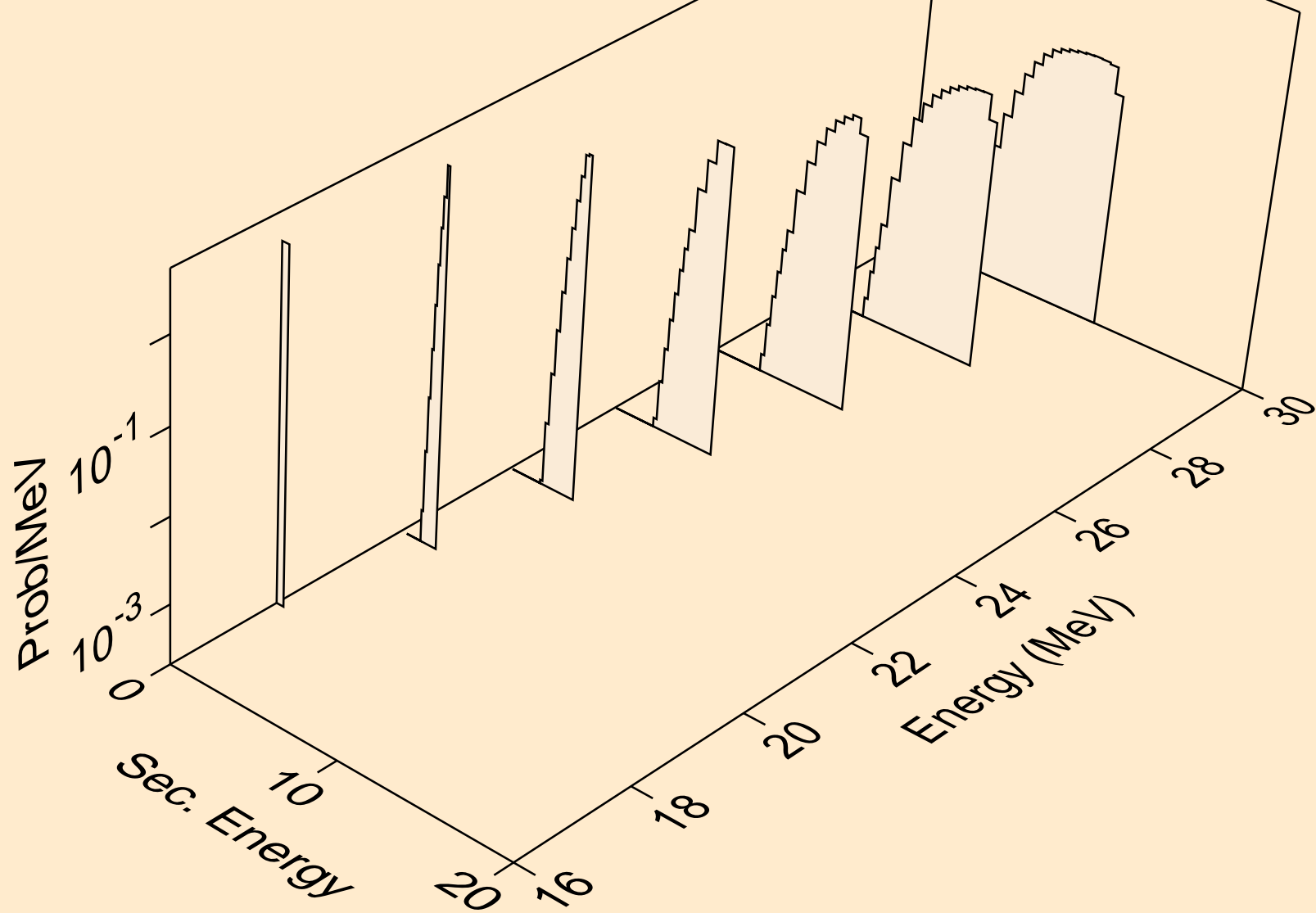
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tritons from (p,pt)



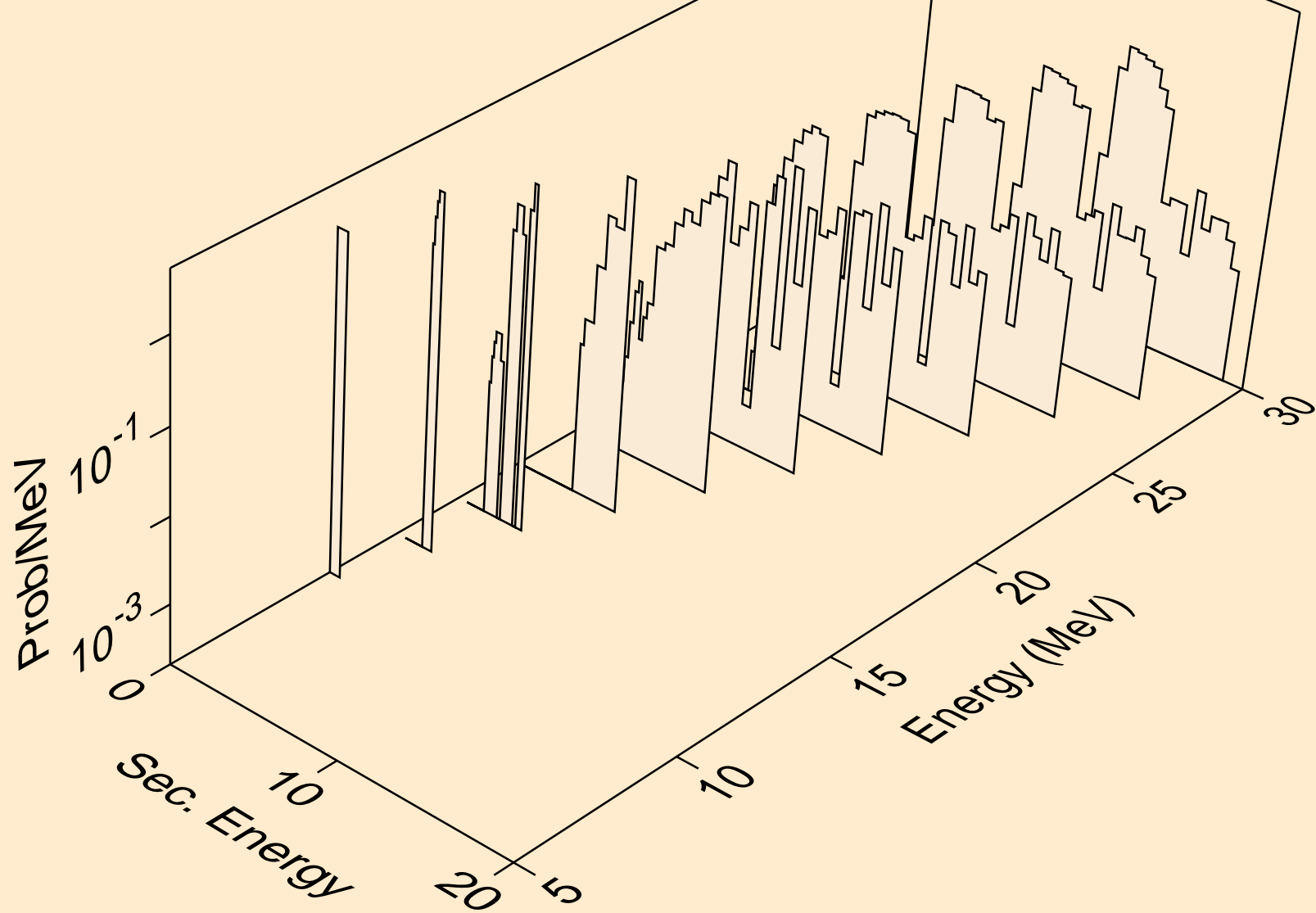
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



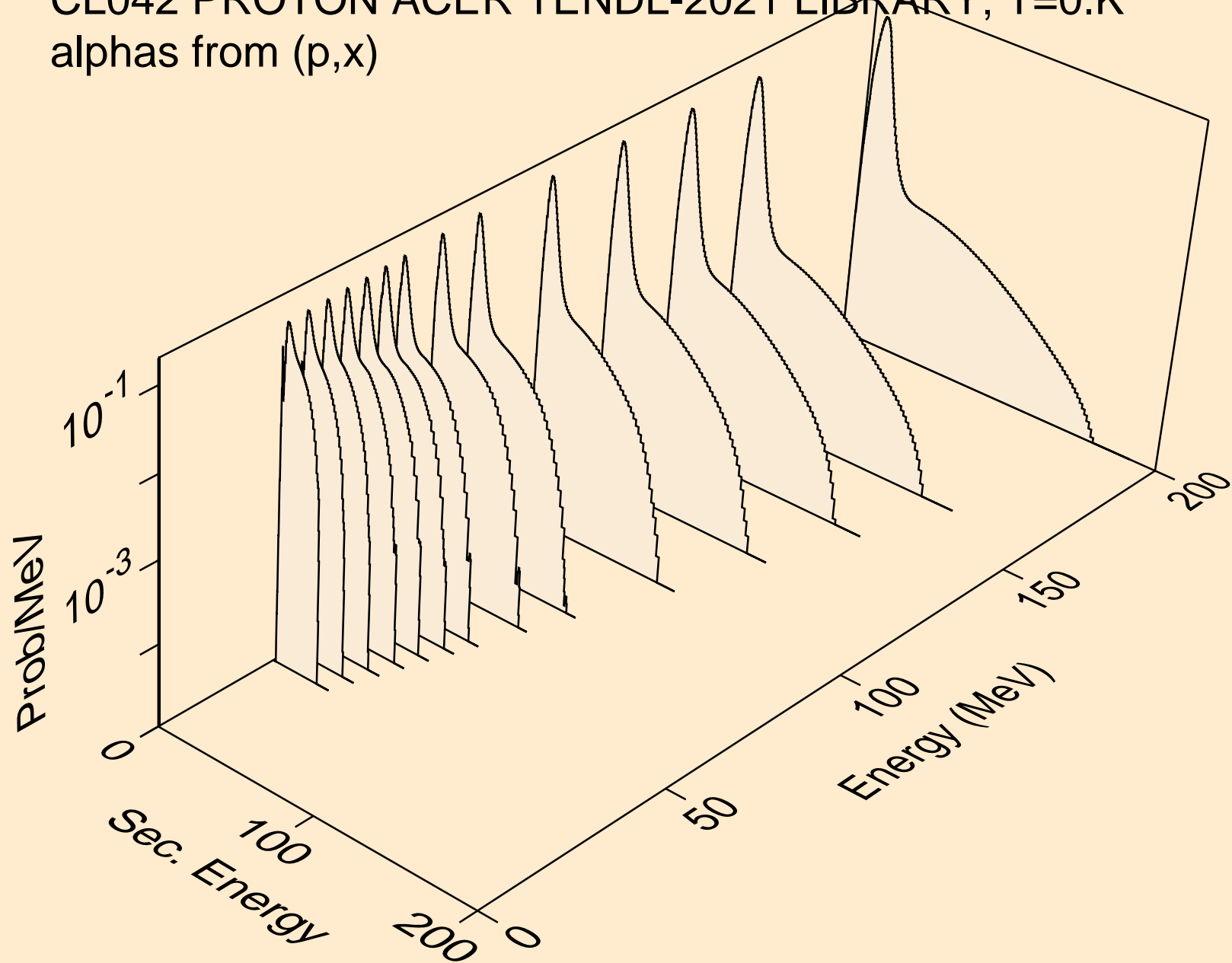
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



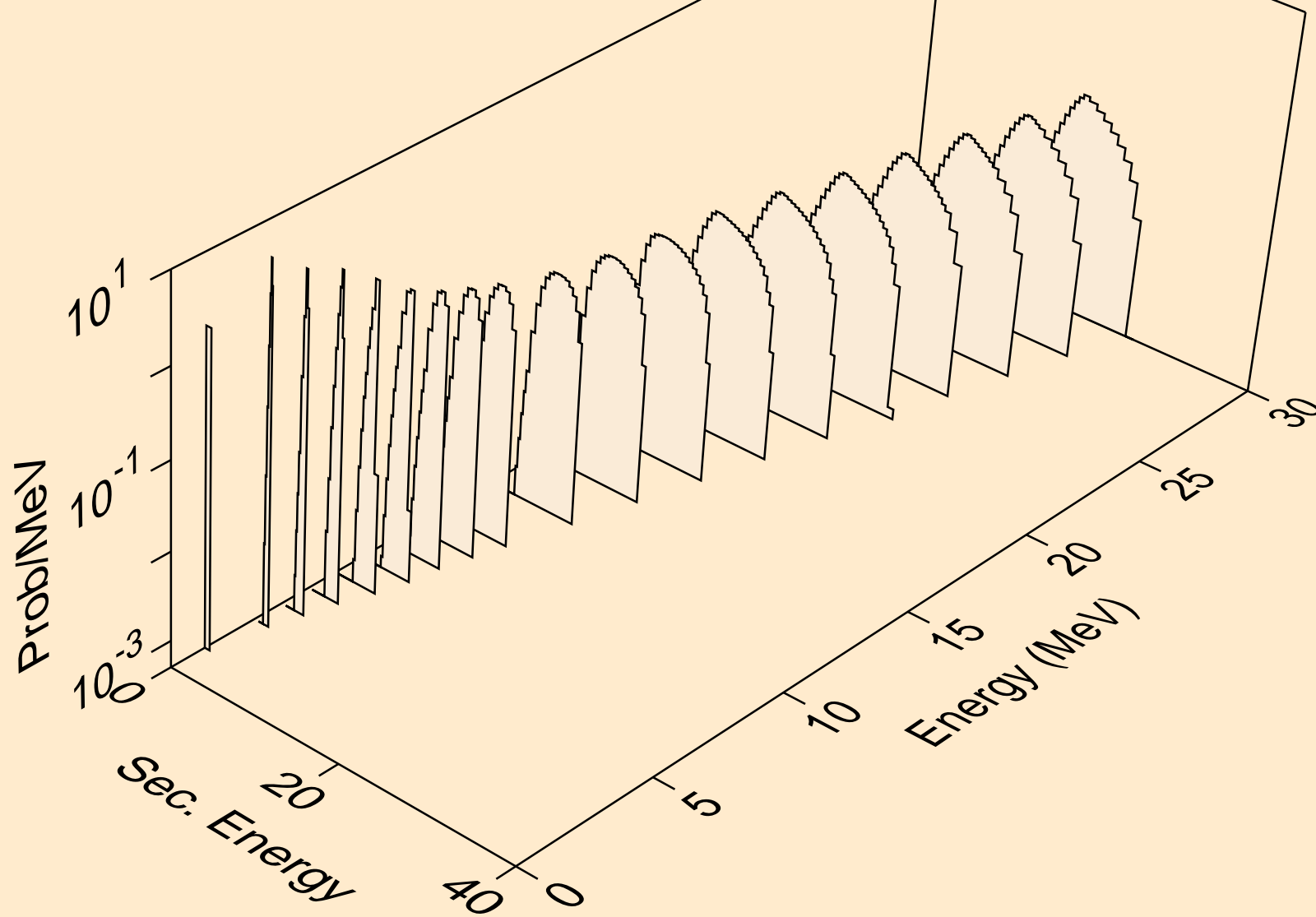
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

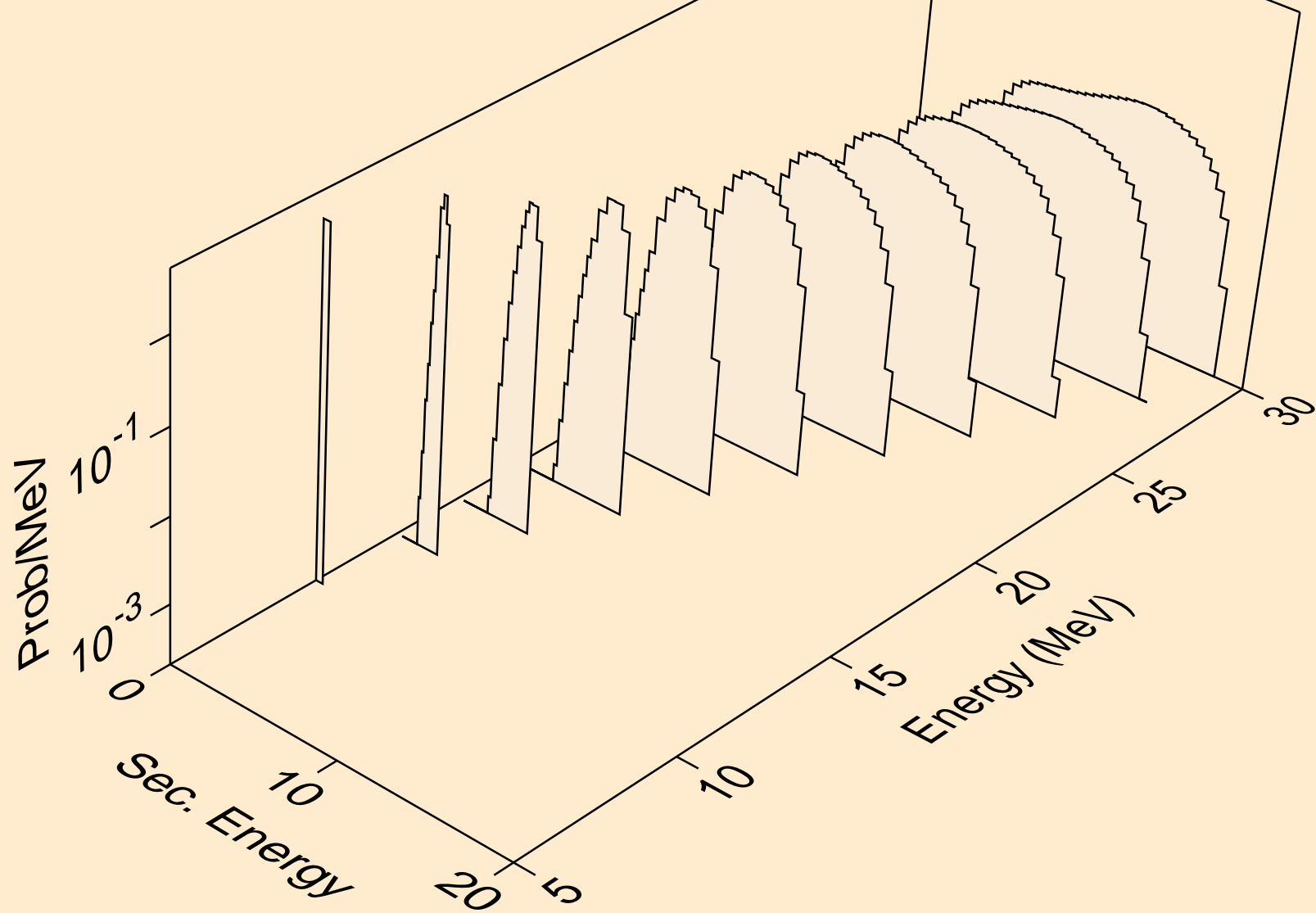


CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

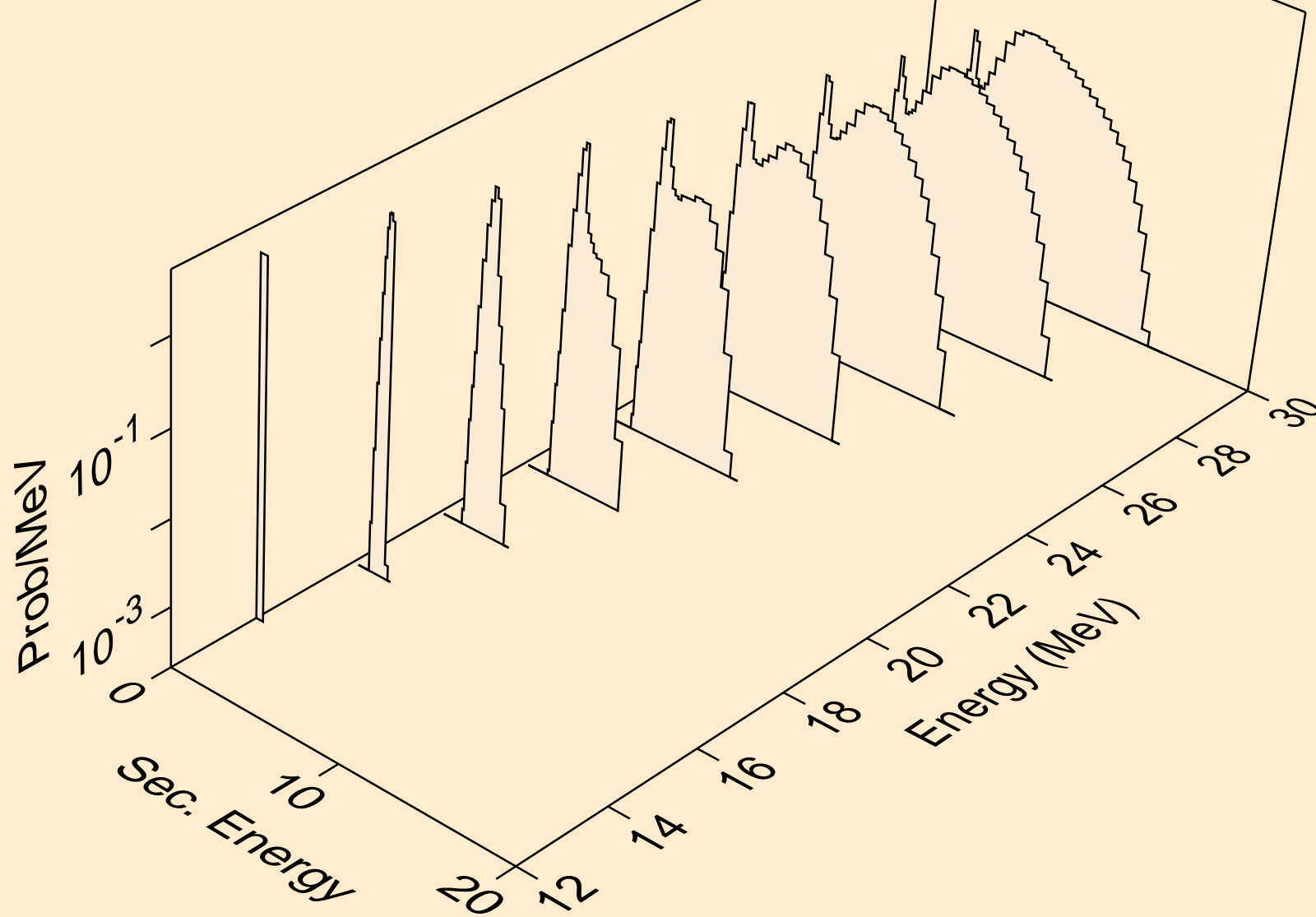




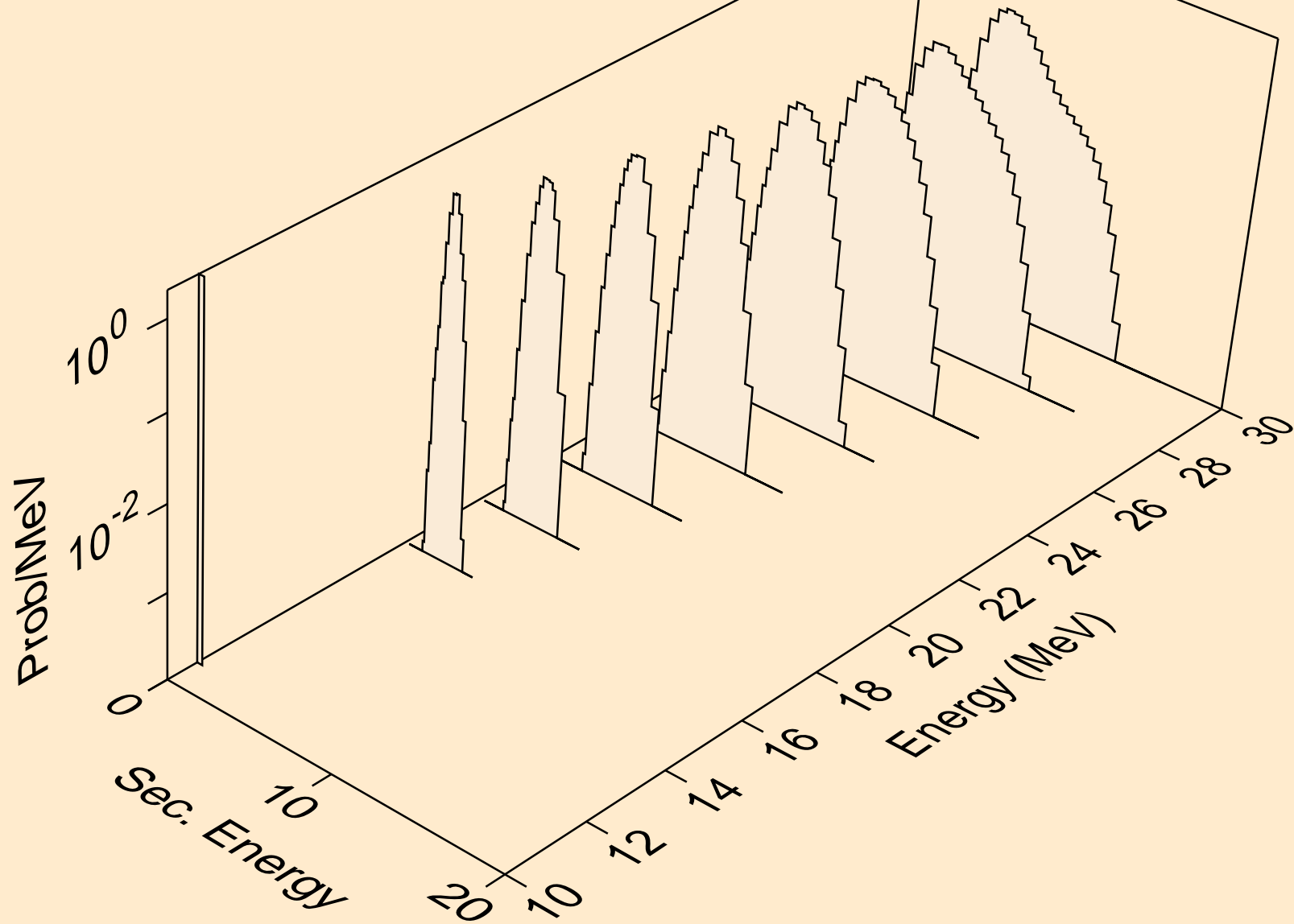
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



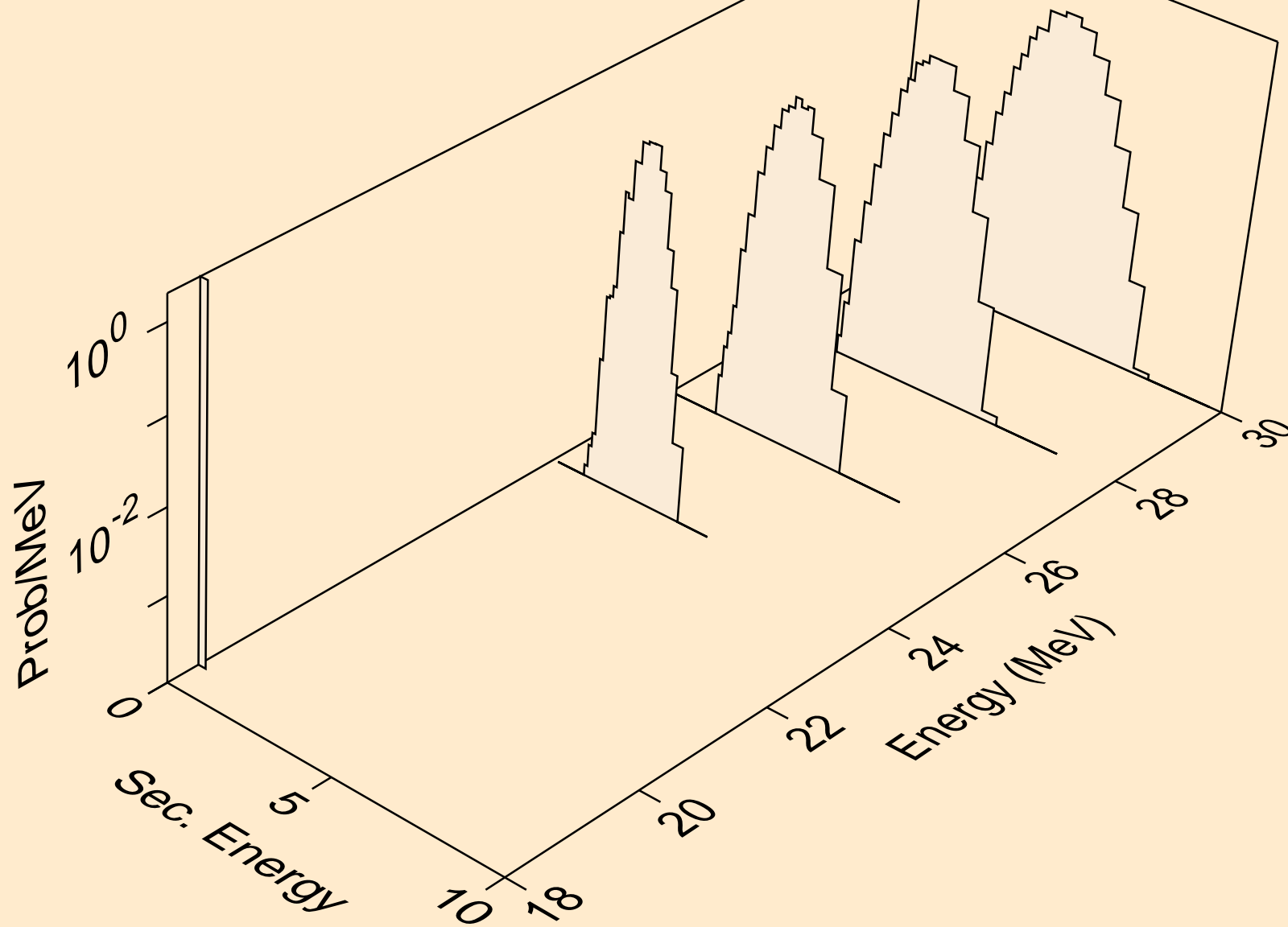
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alphas from (p,3n)a



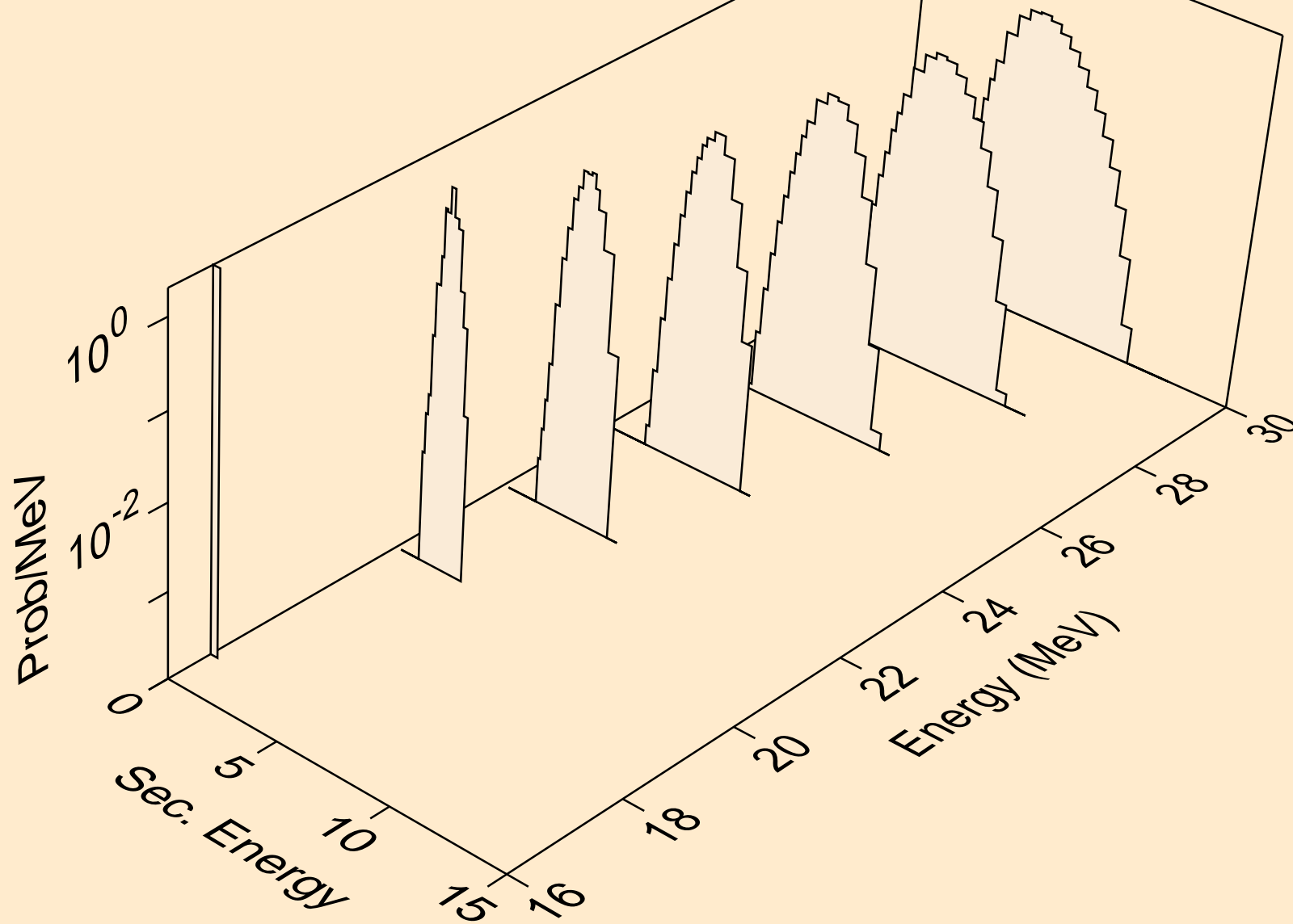
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alphas from (p,n\*)2a



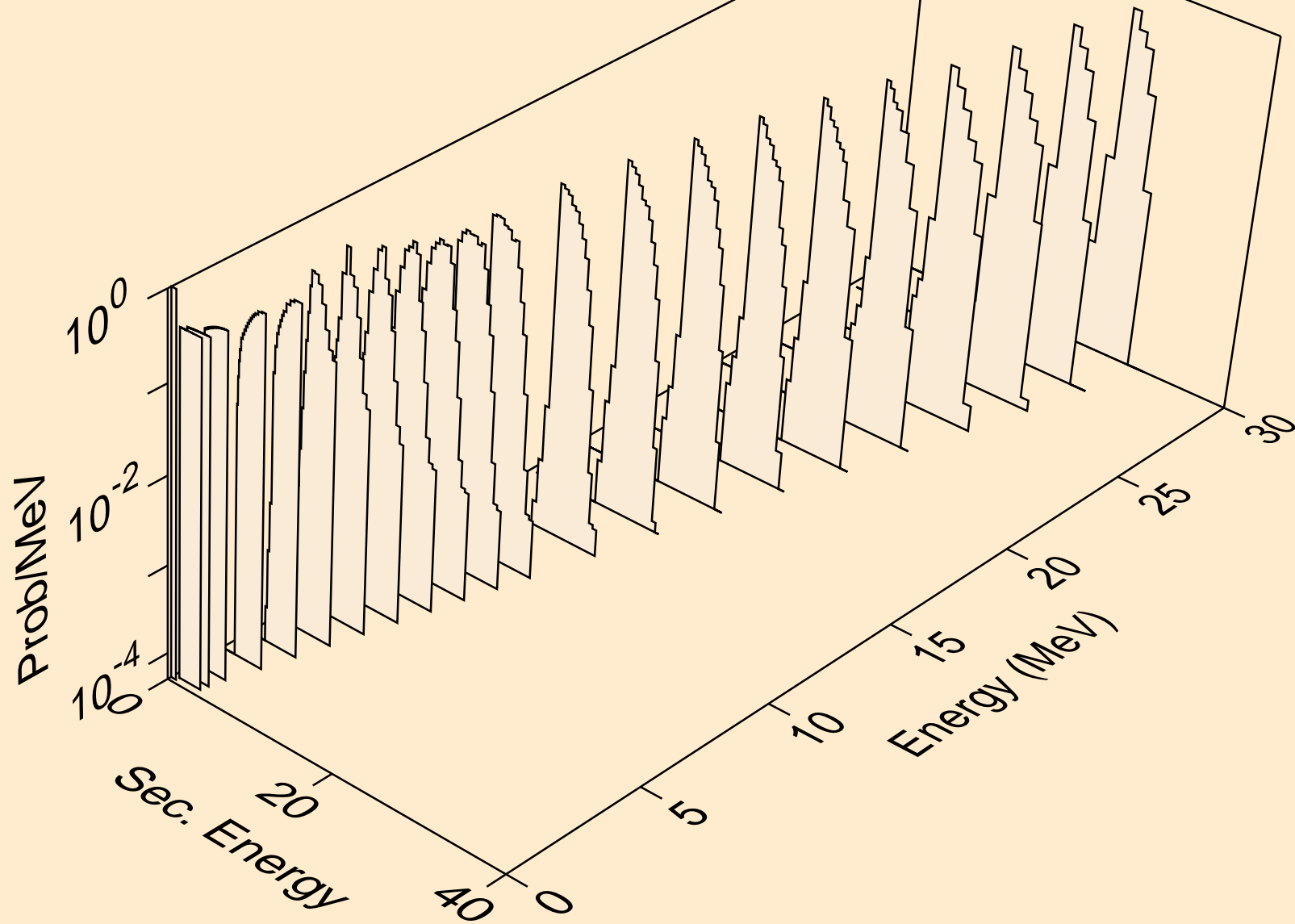
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alphas from (p,2n)2a



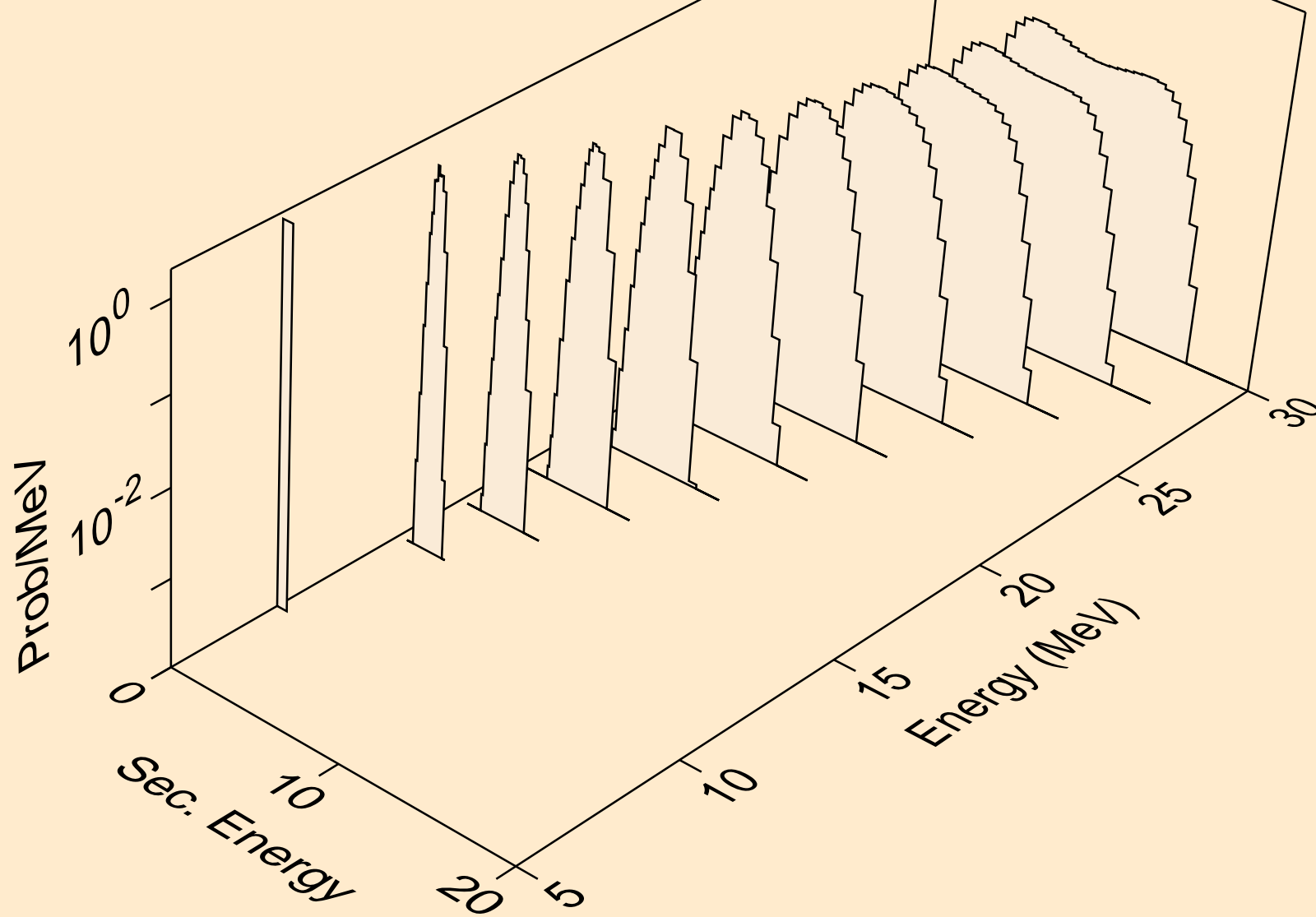
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alphas from (p,npa)



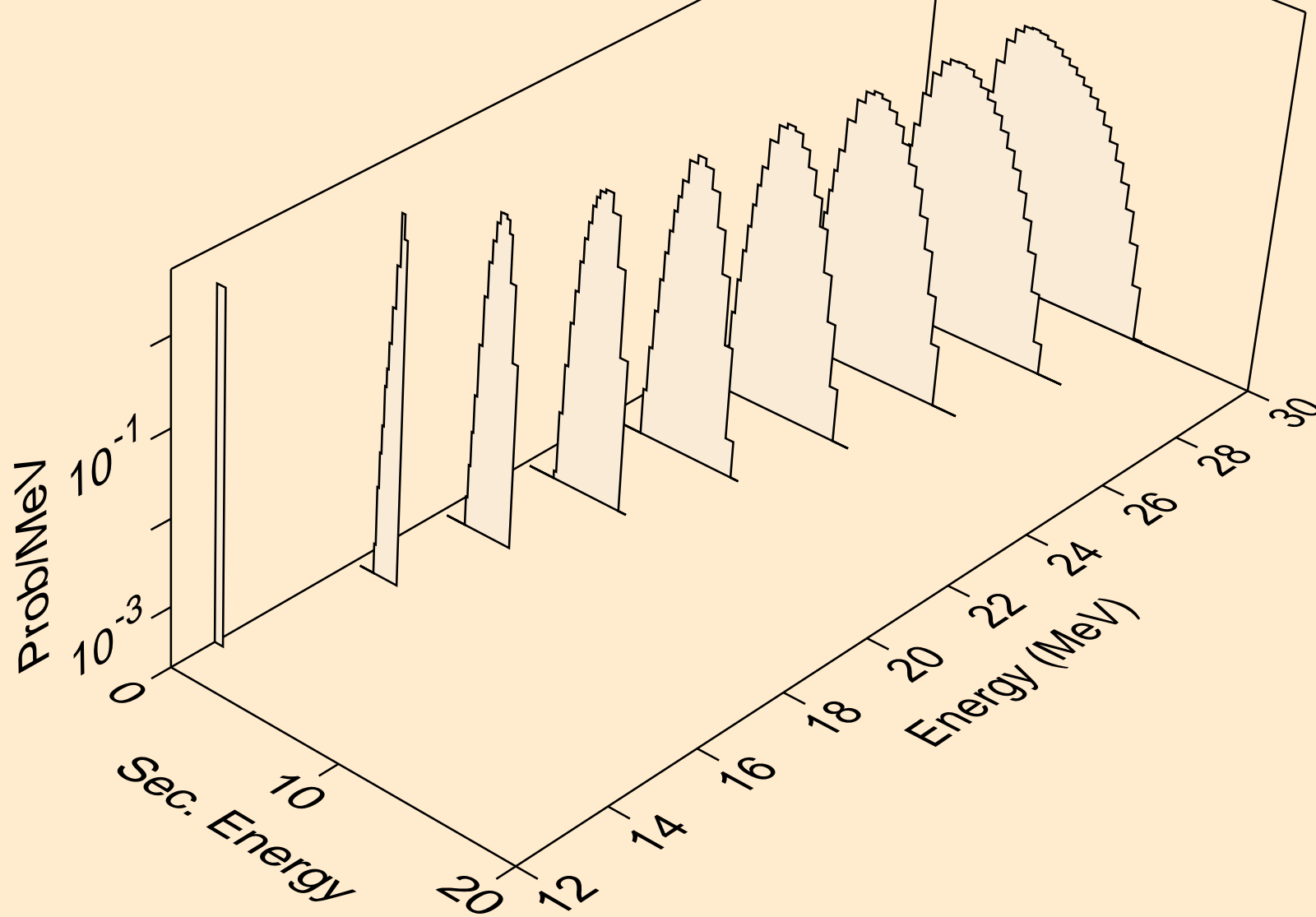
CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)





CL042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

