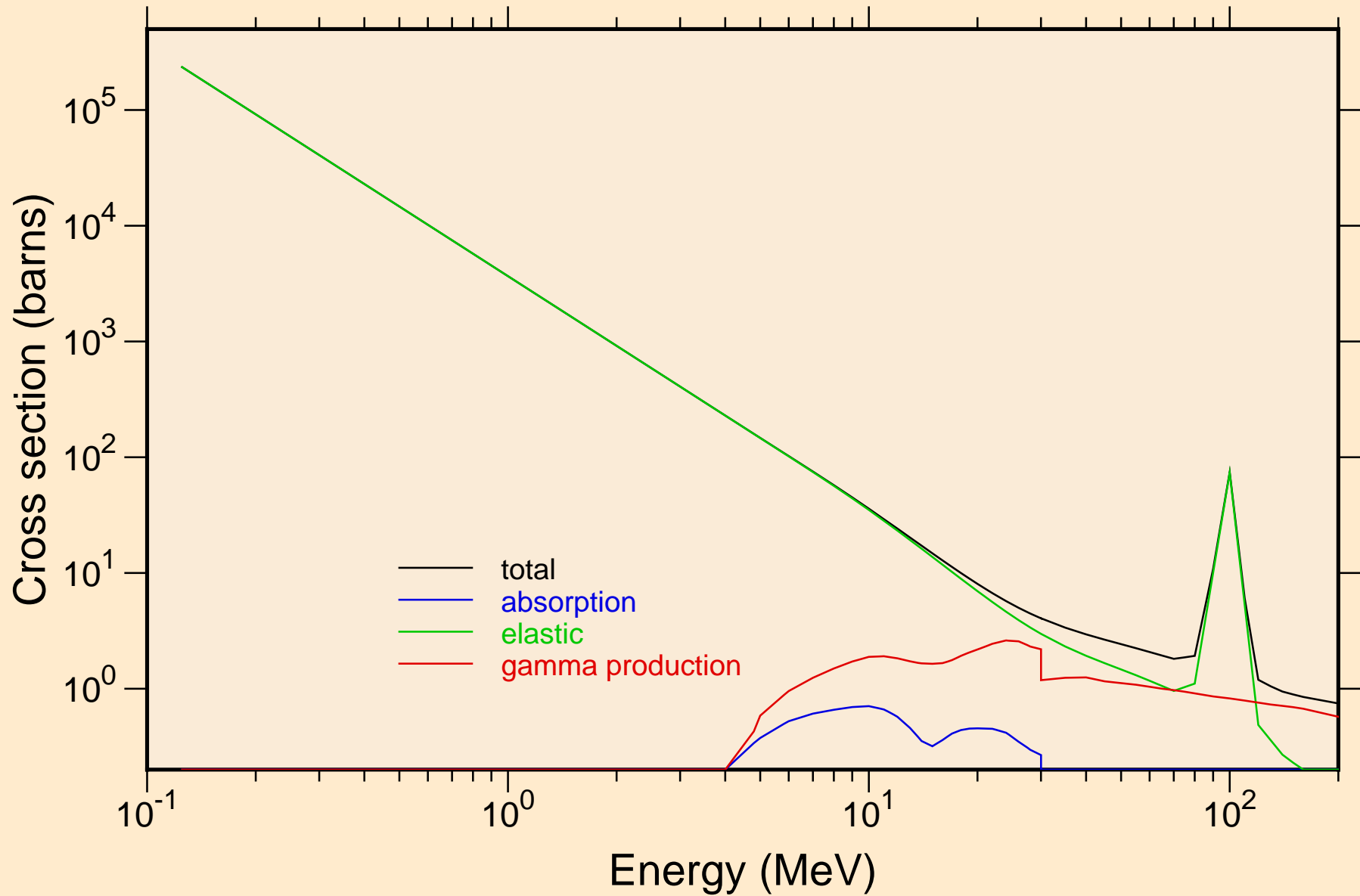


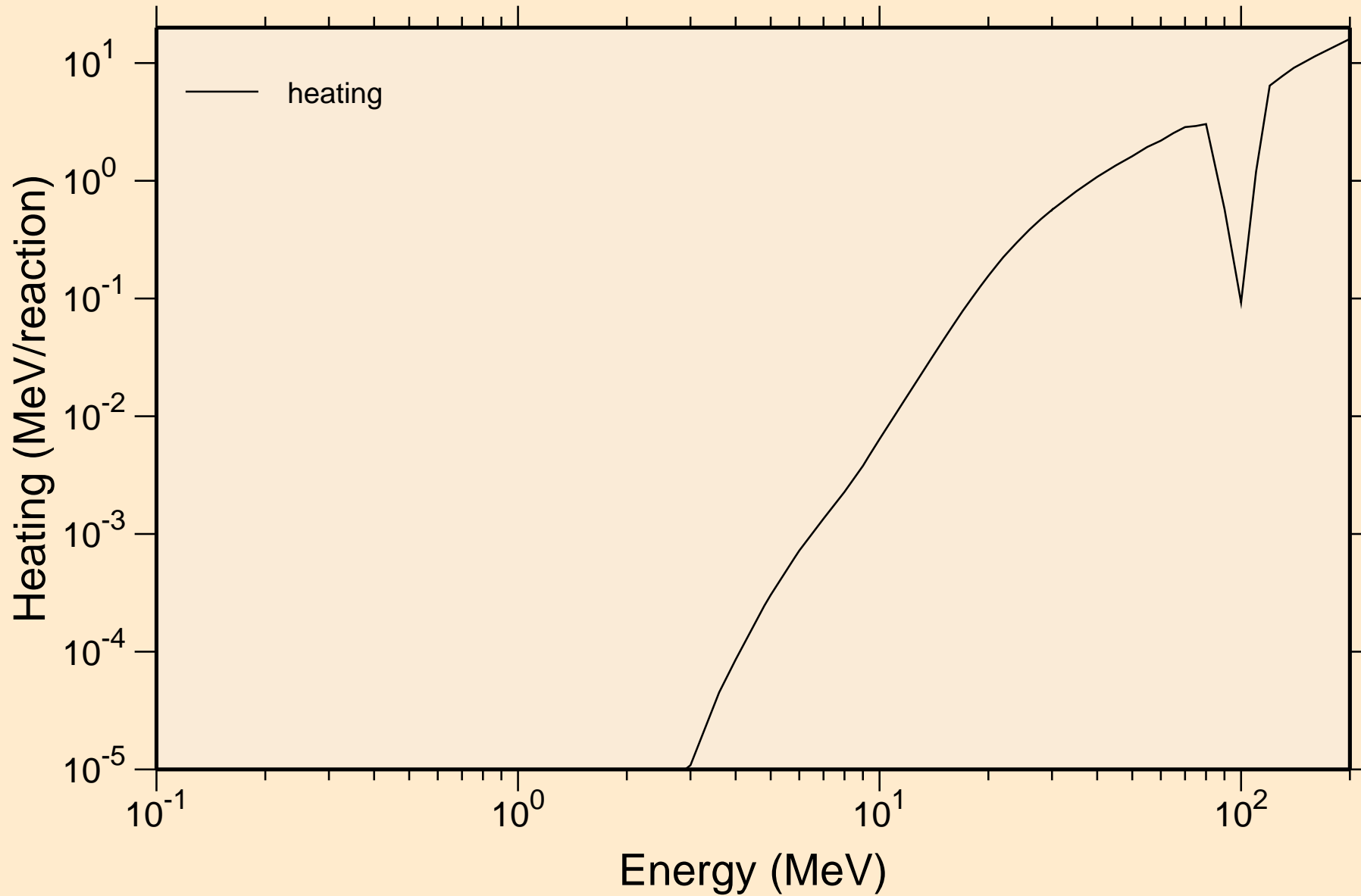
# CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



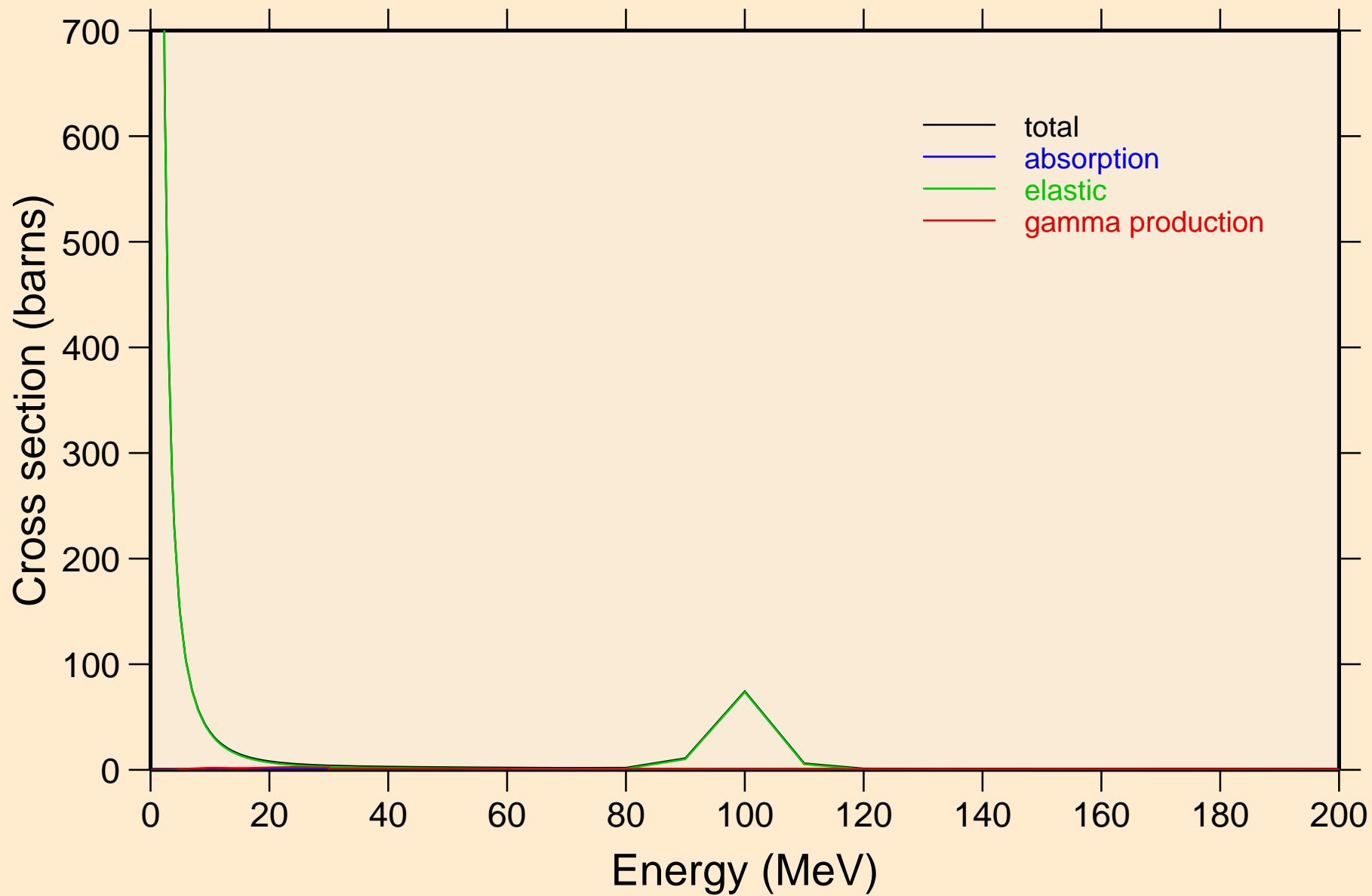
# CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



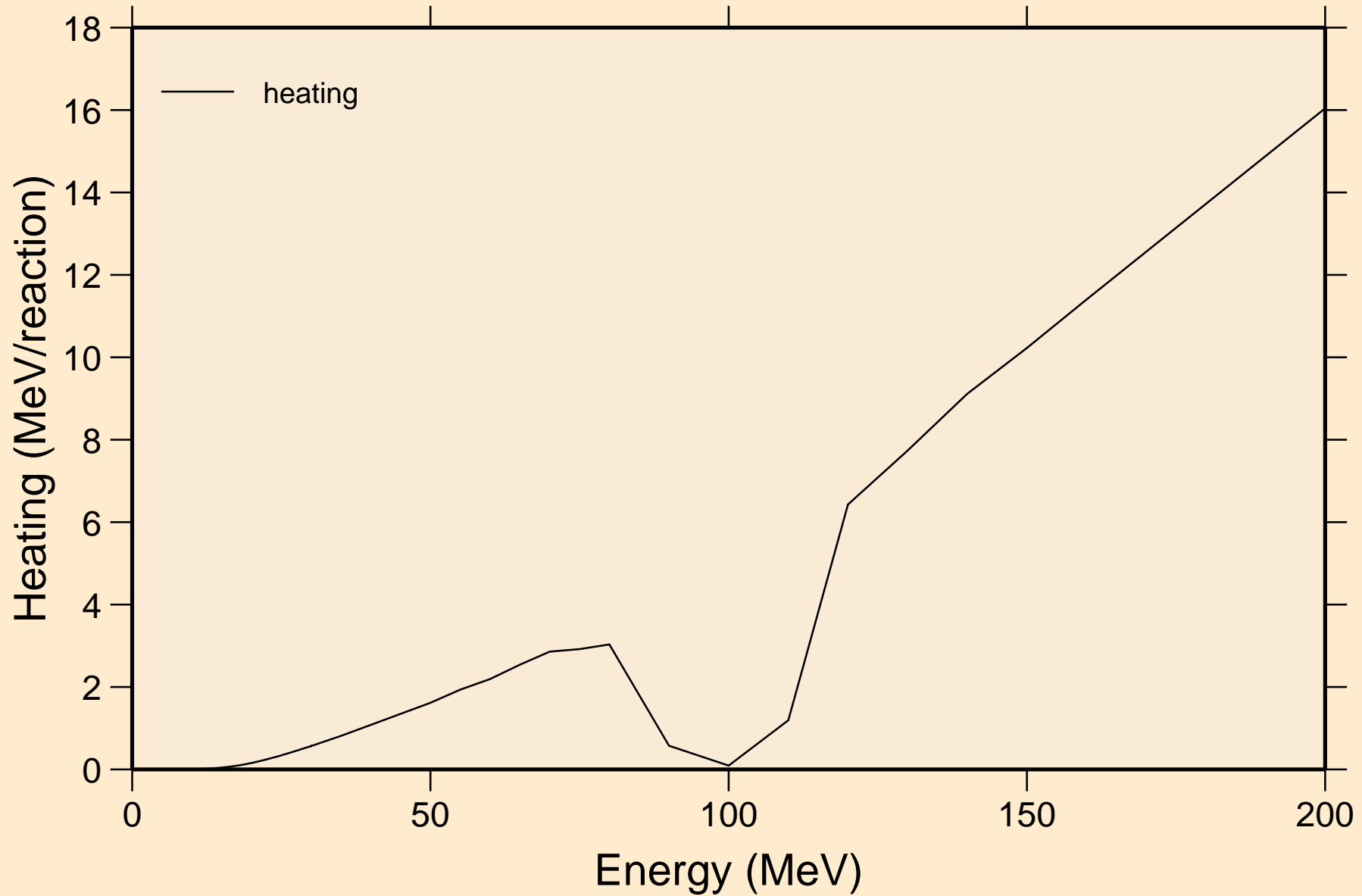
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## Principal cross sections



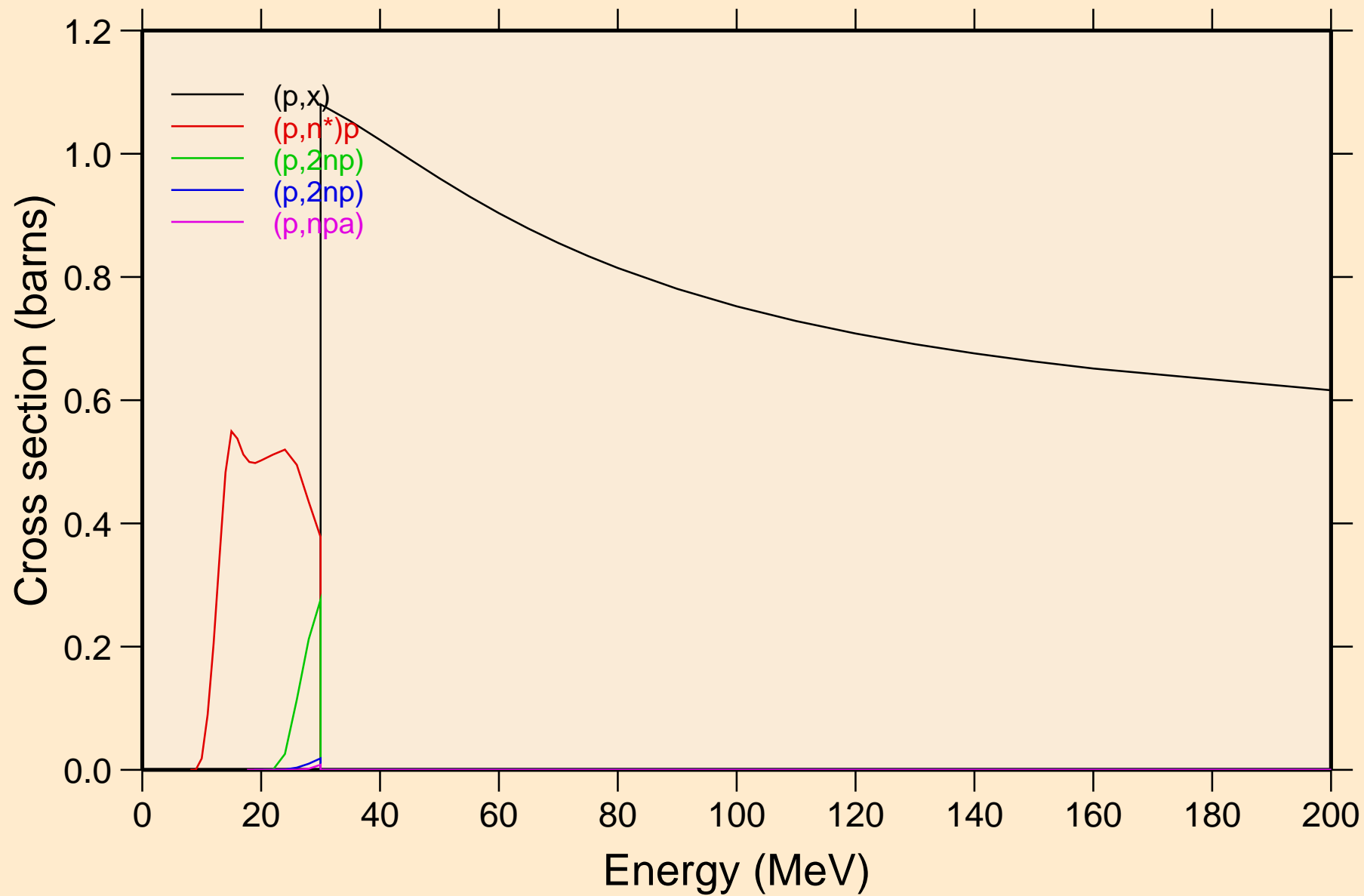
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## Heating



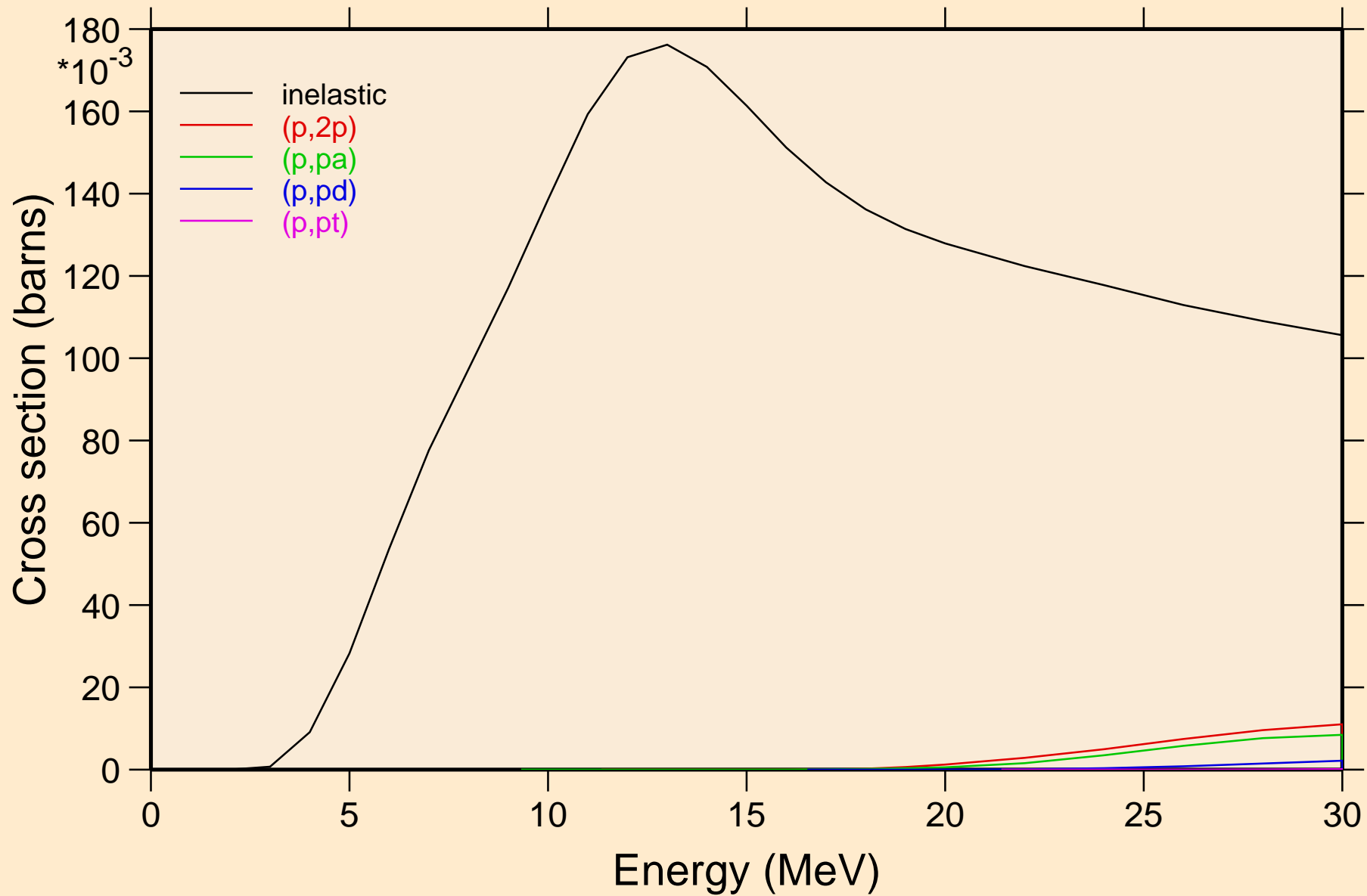
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## Threshold reactions

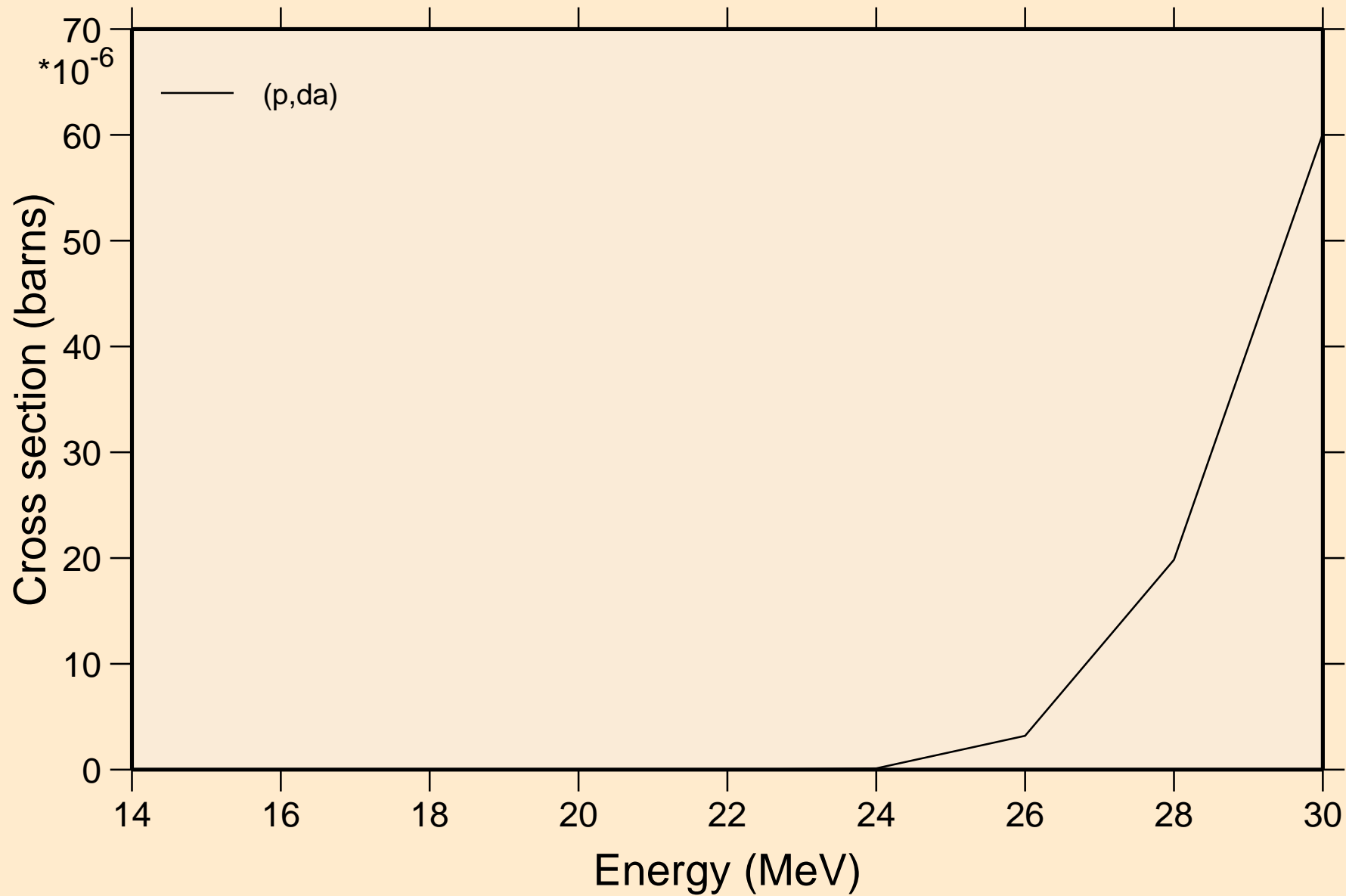


# CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K

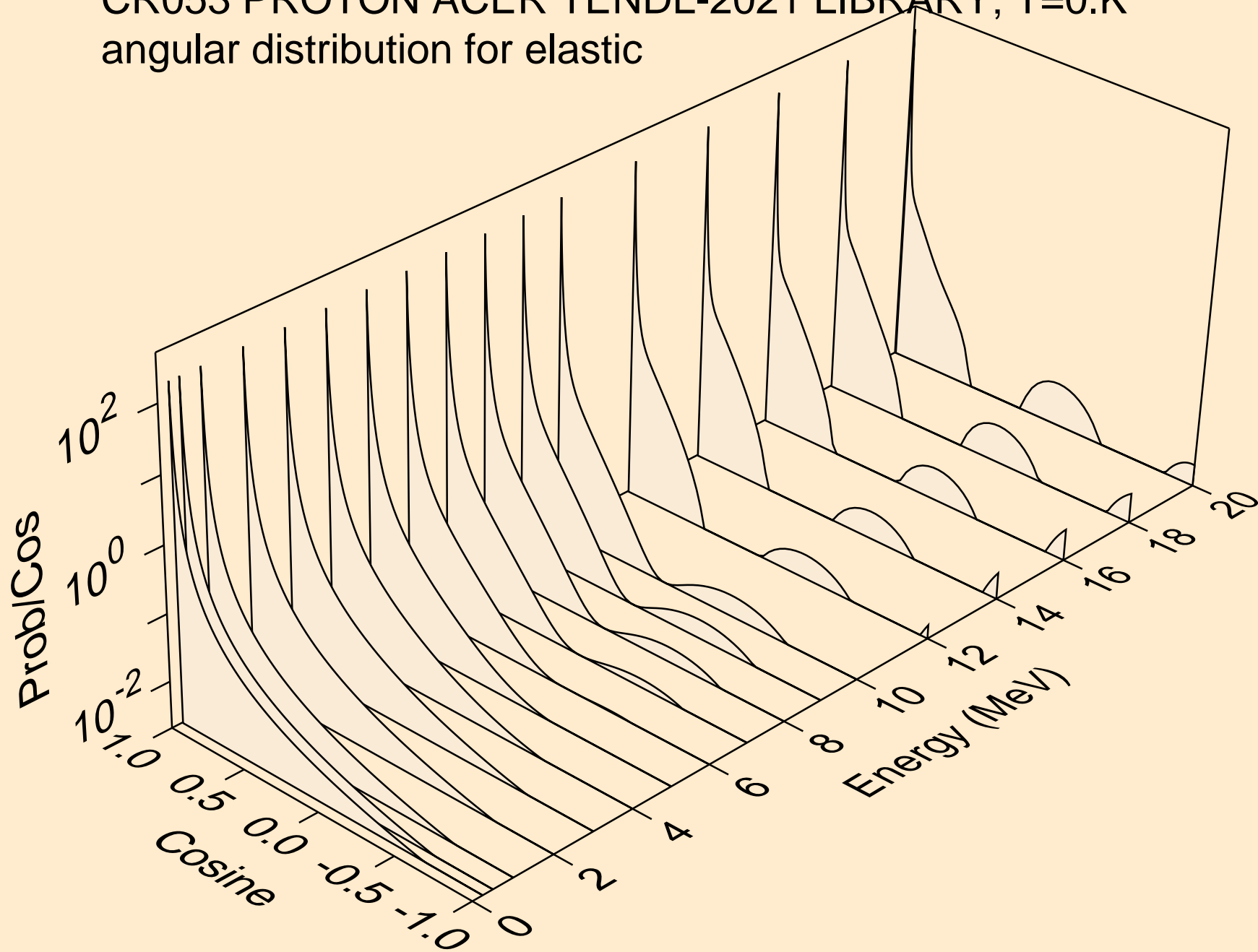
## Threshold reactions



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

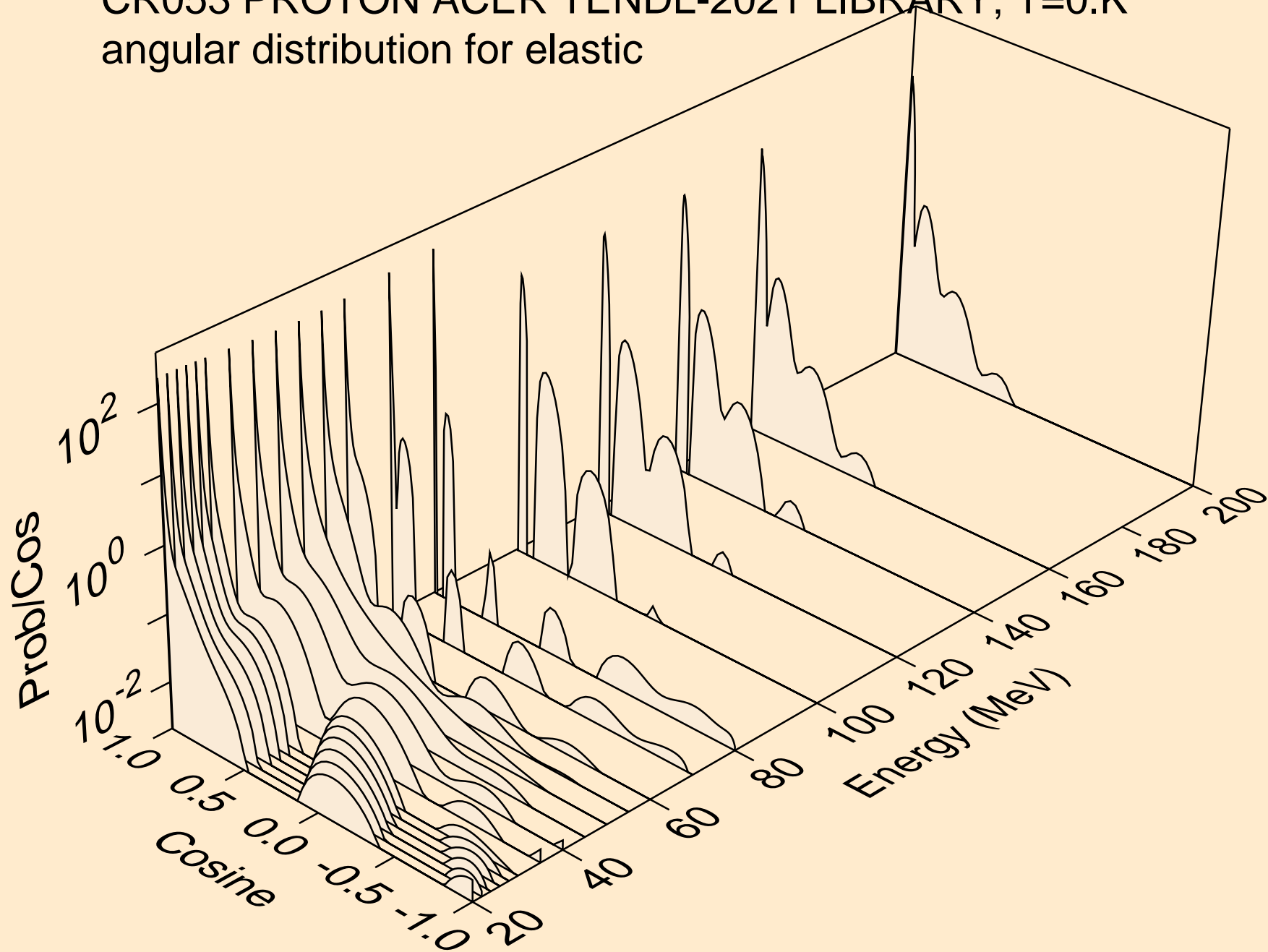


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angular distribution for elastic

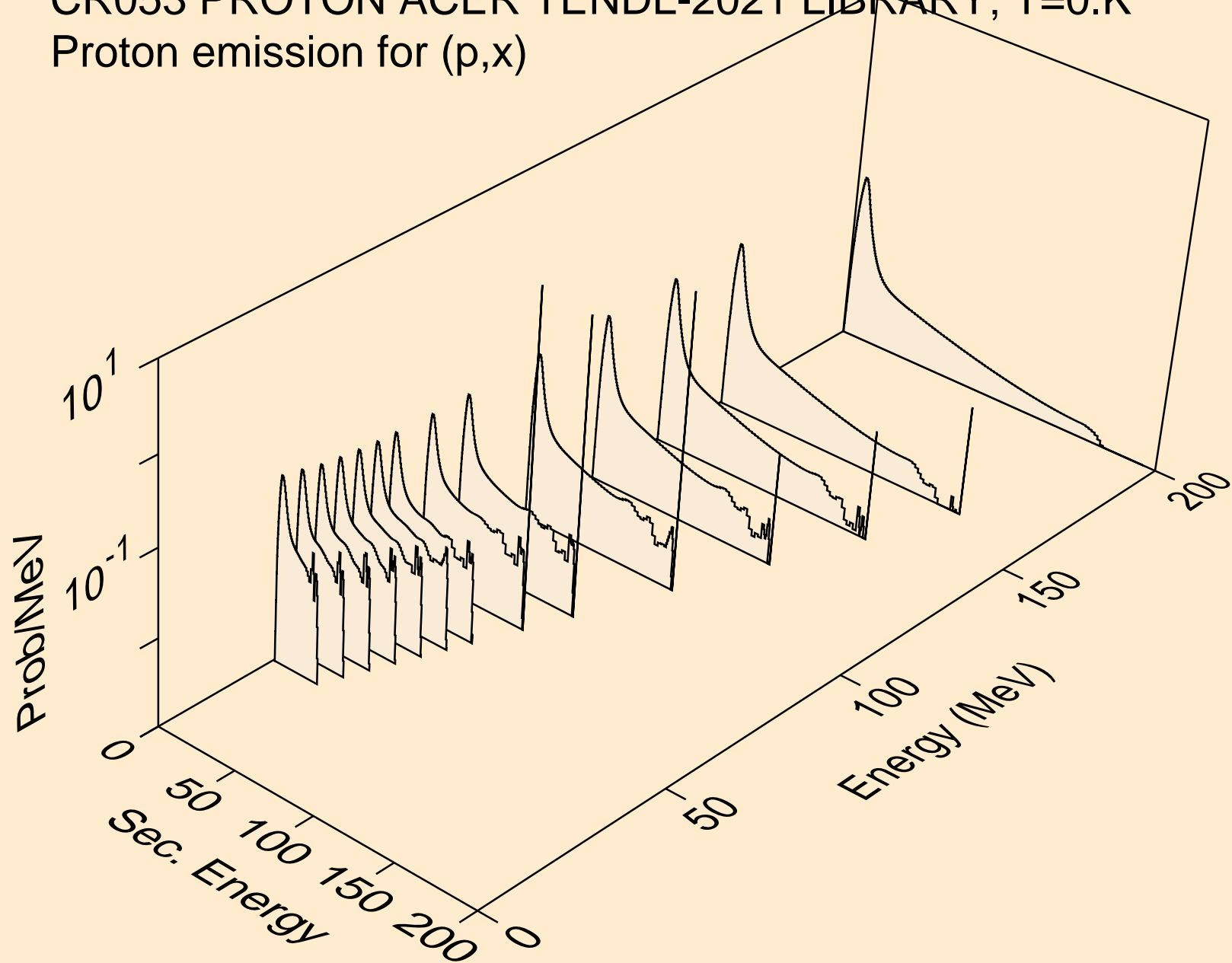




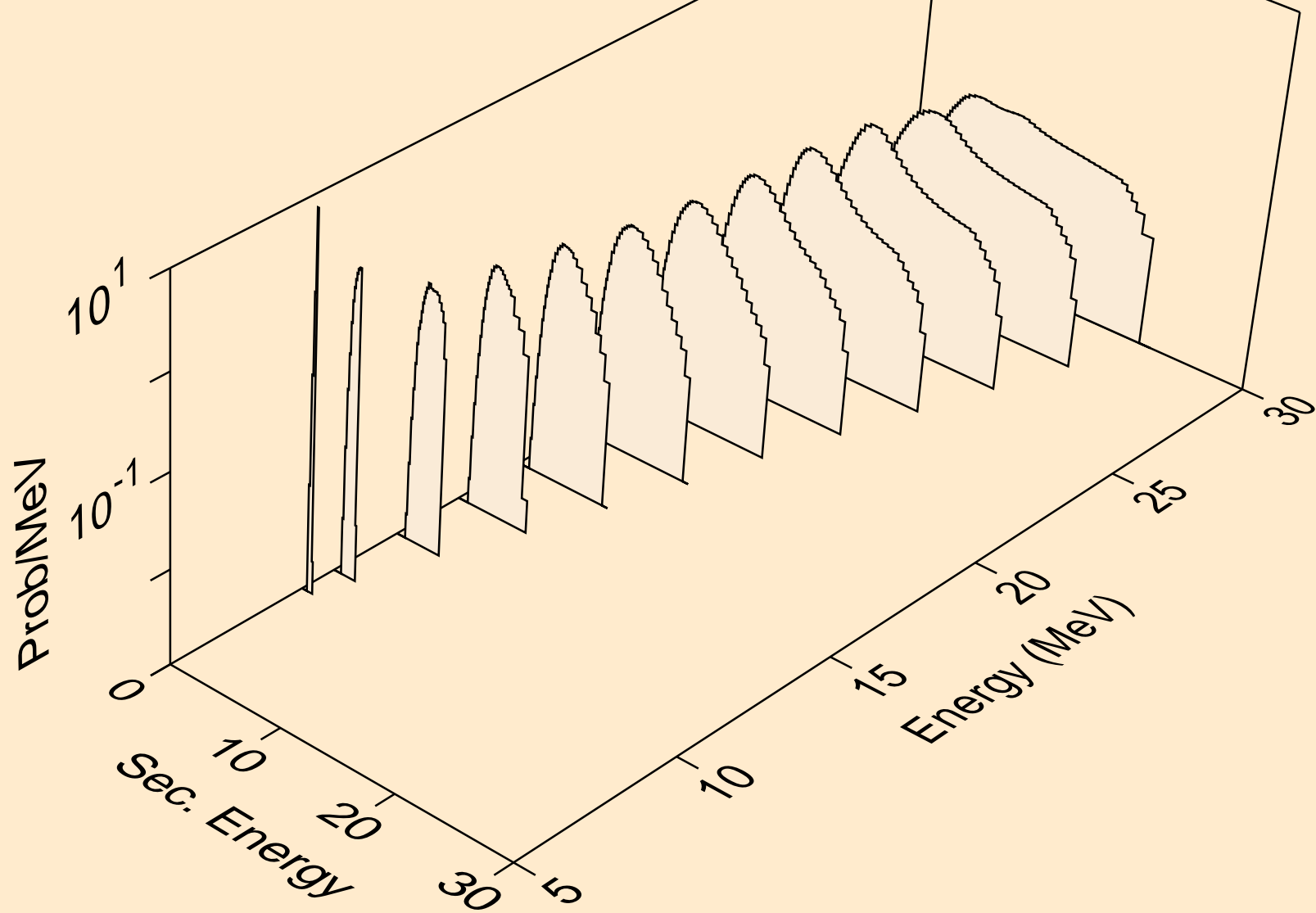
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angular distribution for elastic



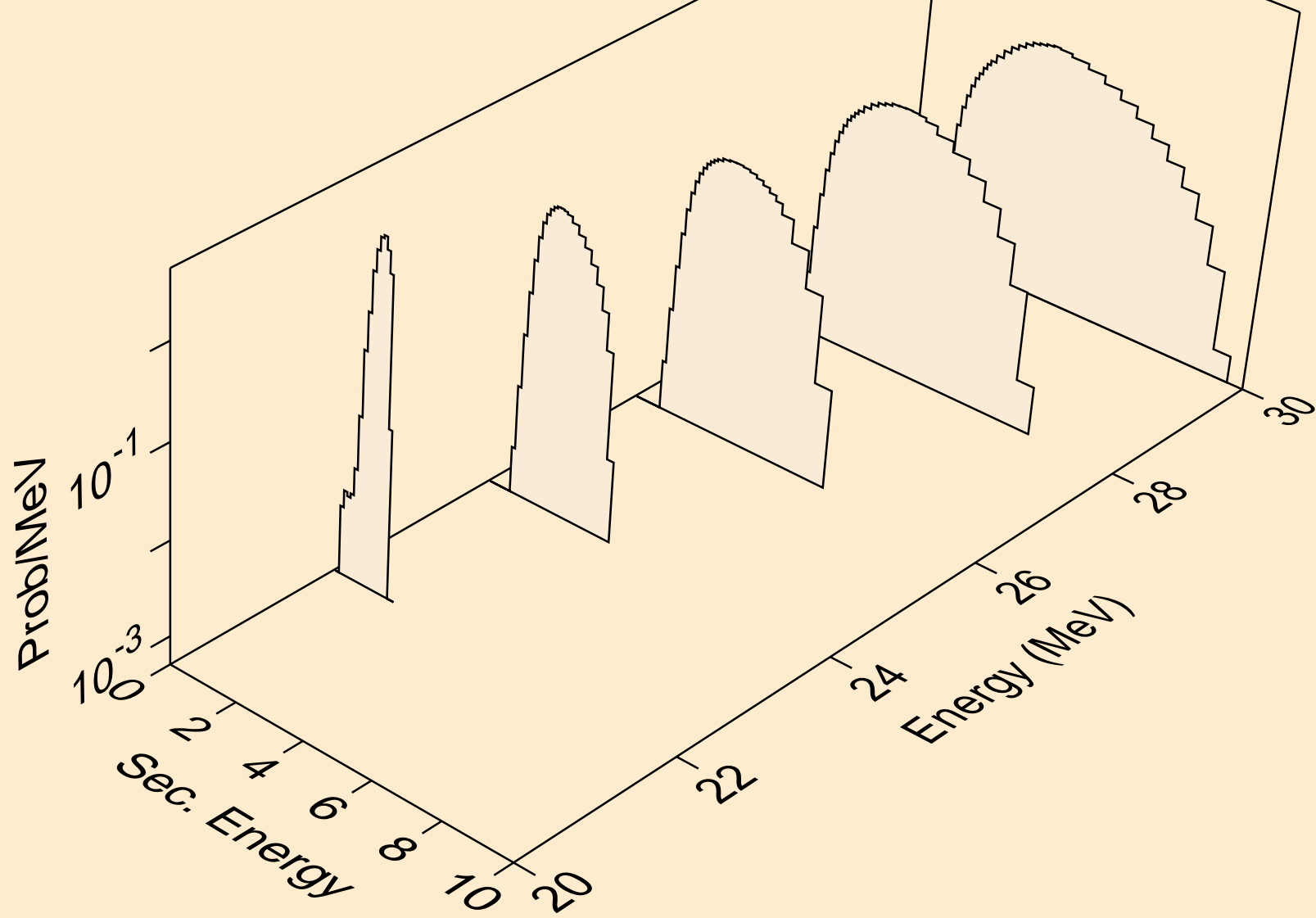
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



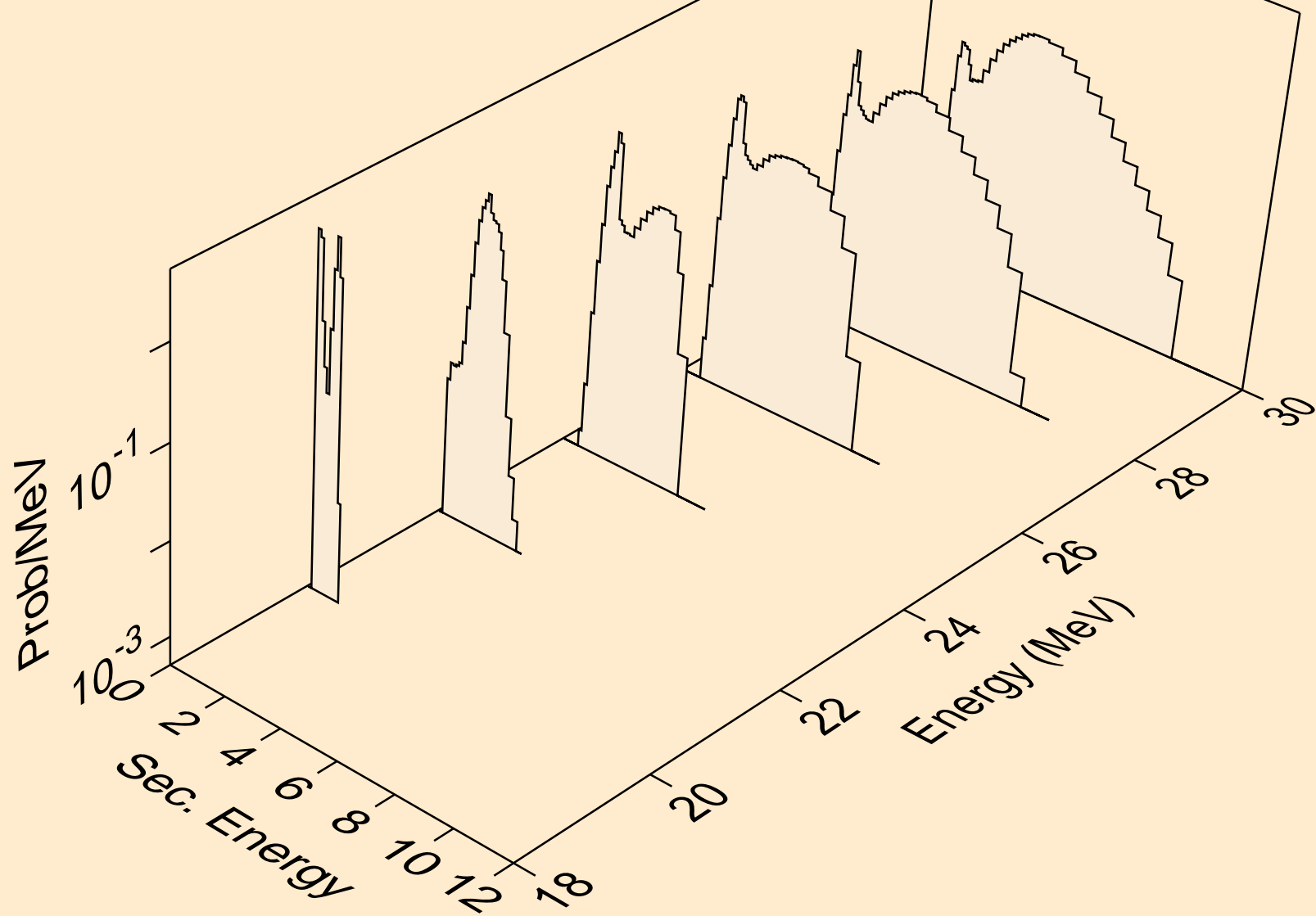
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



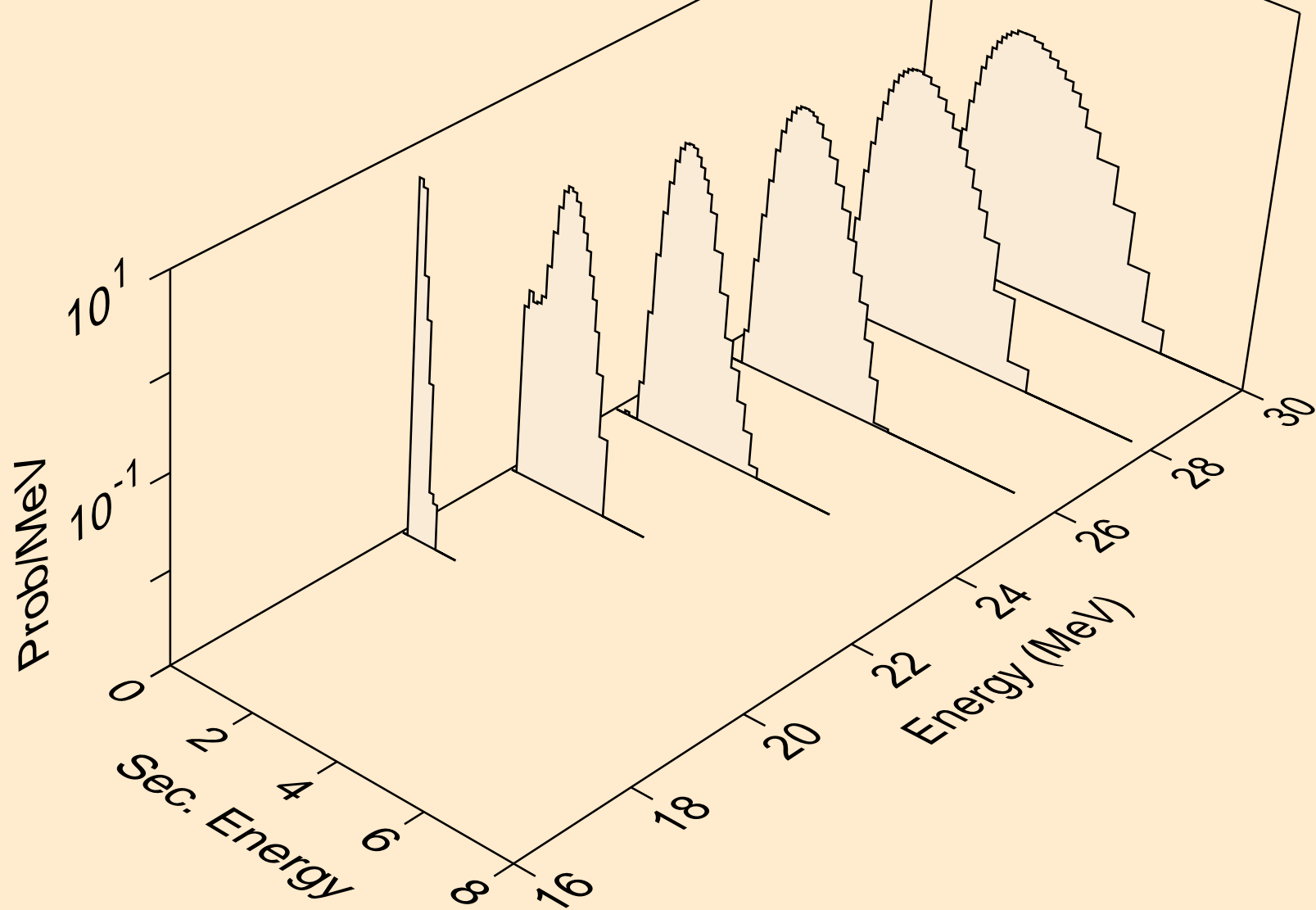
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Proton emission for (p,2np)



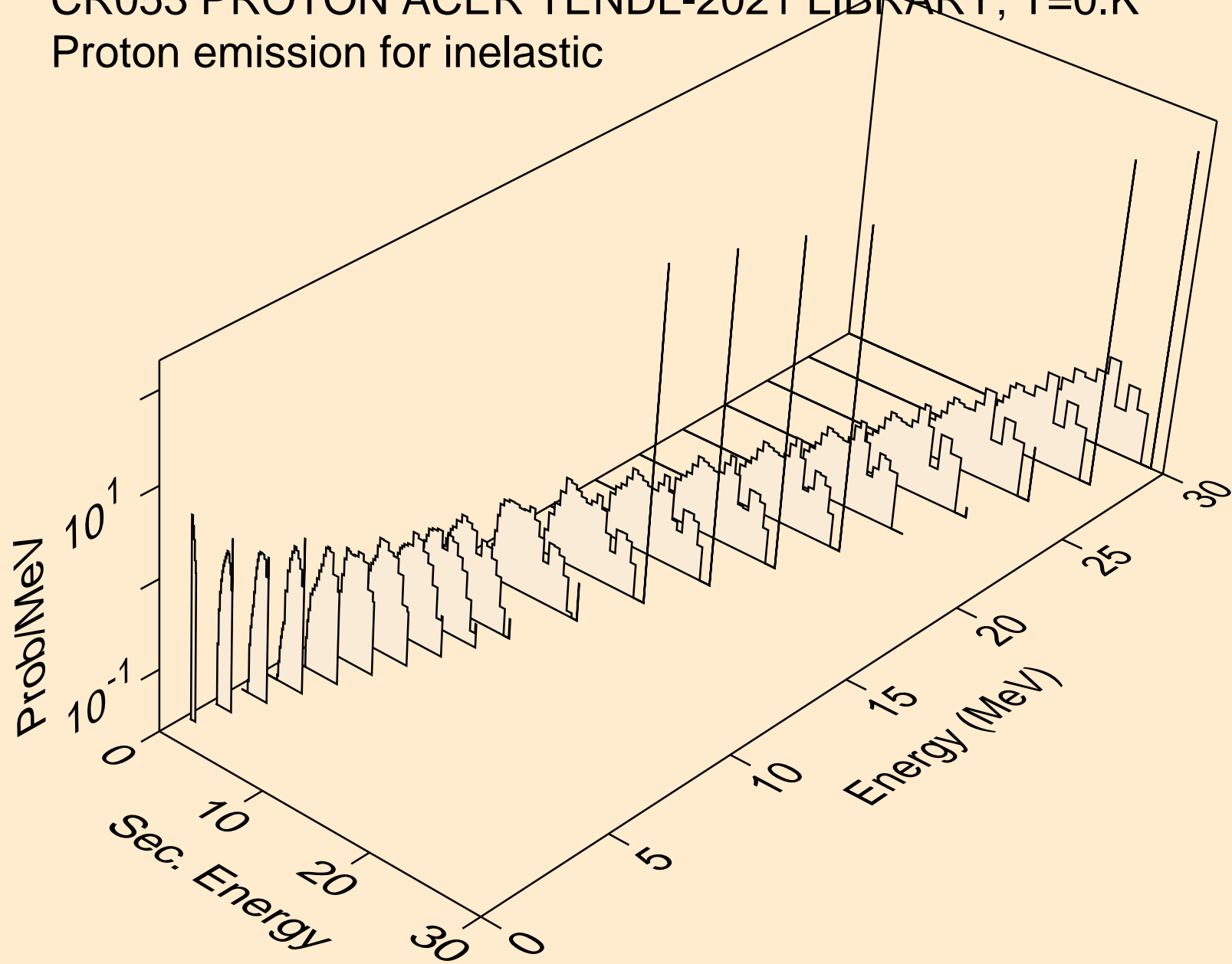
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Proton emission for (p,2np)



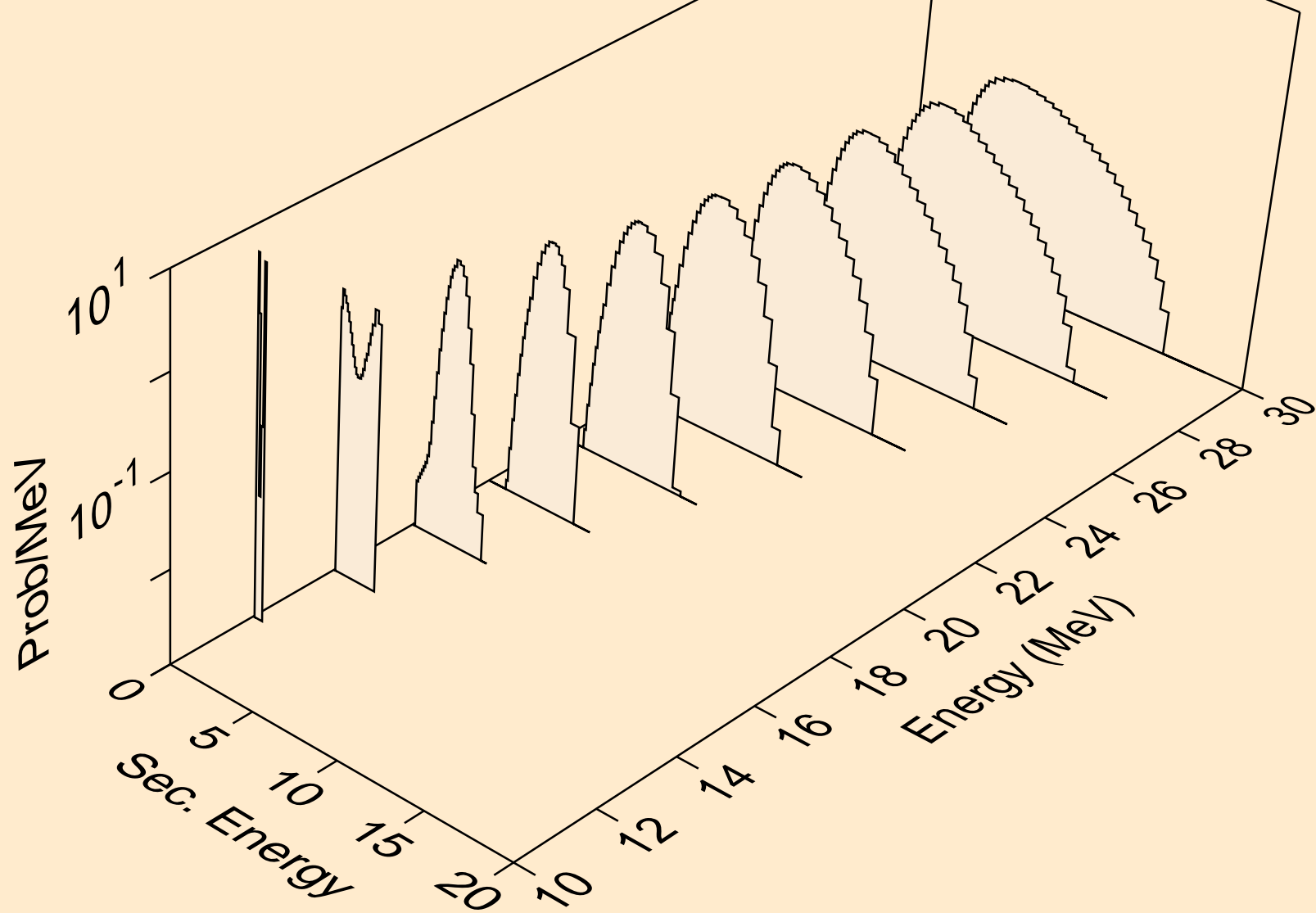
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

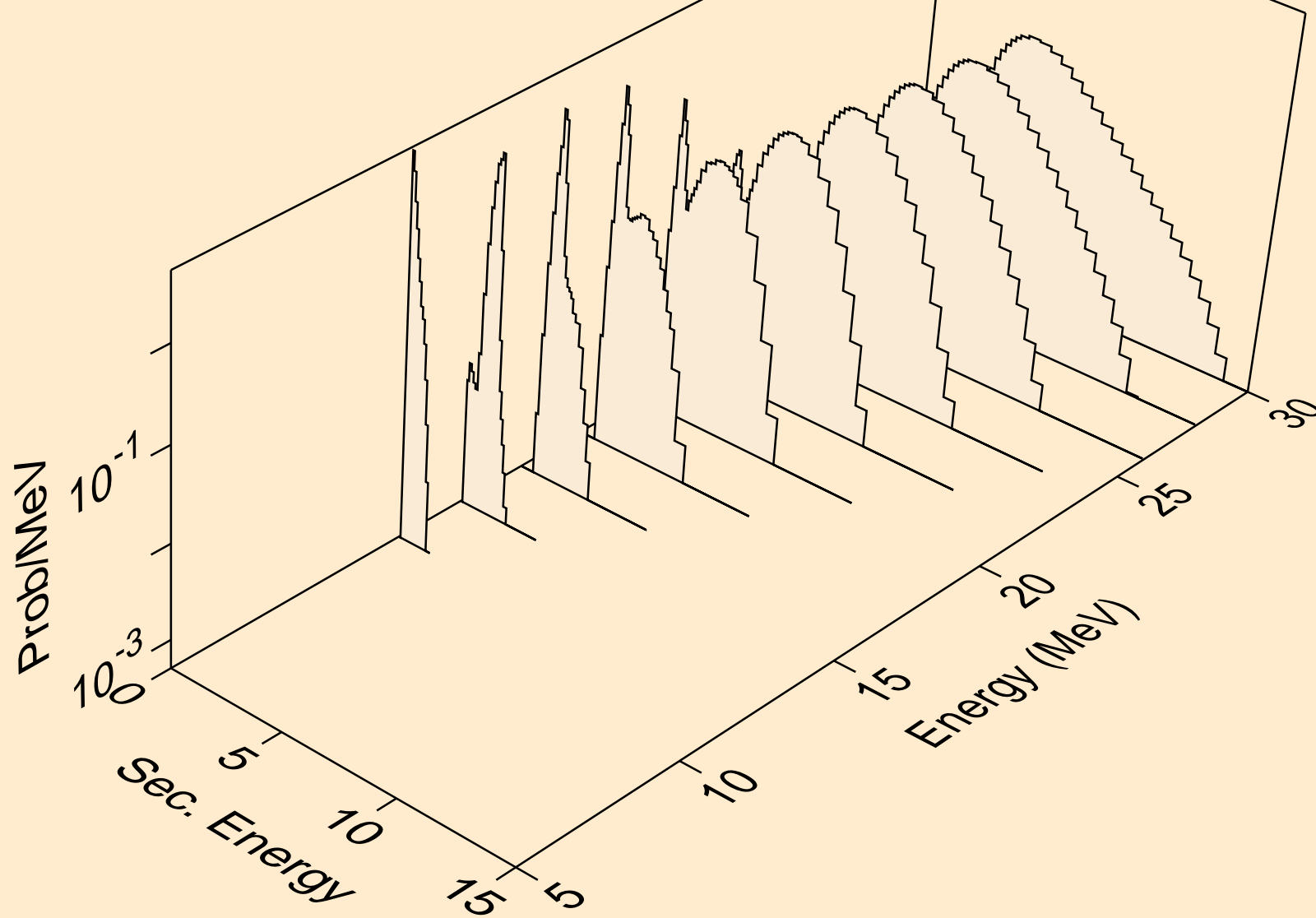


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Proton emission for (p,2p)

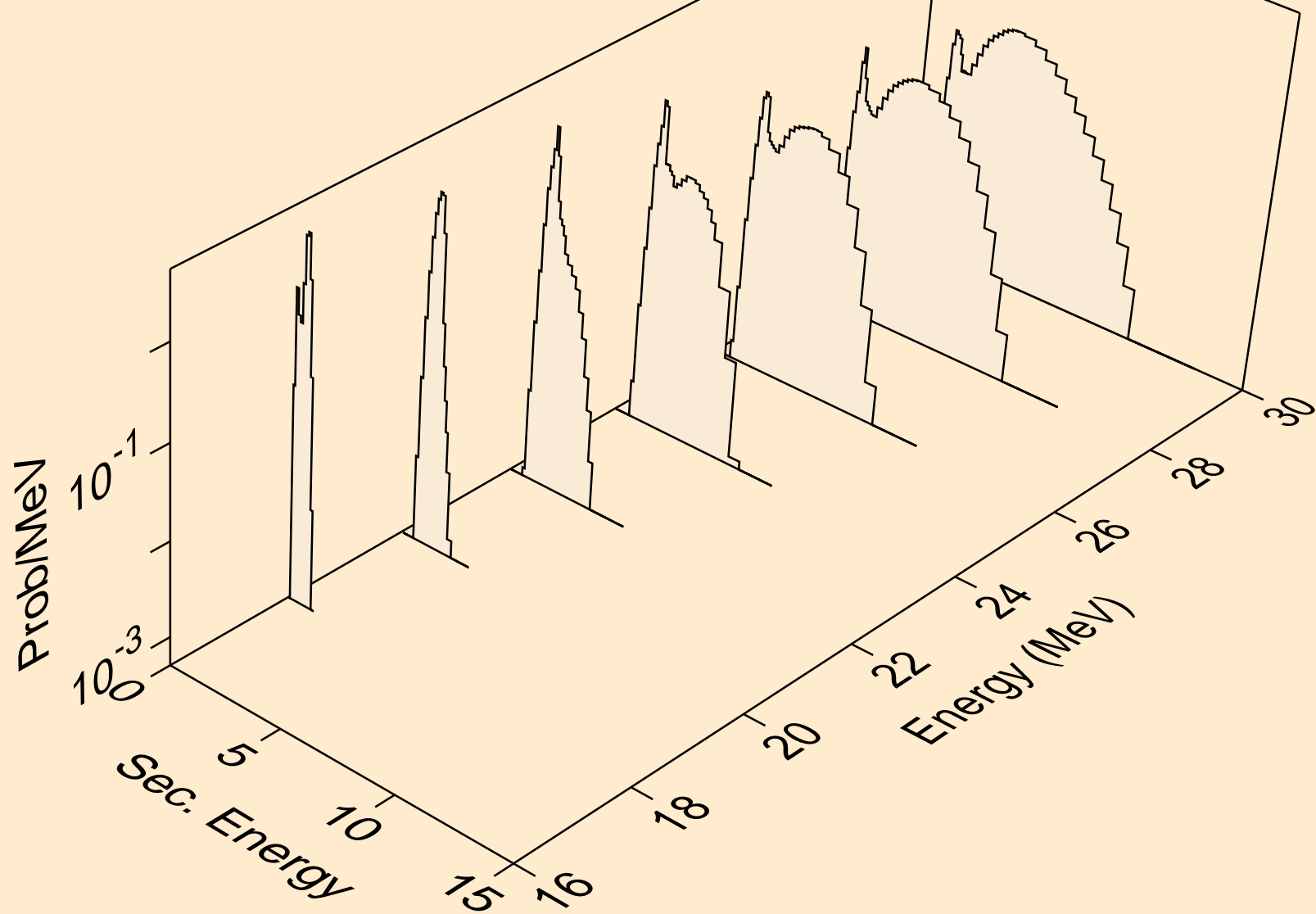




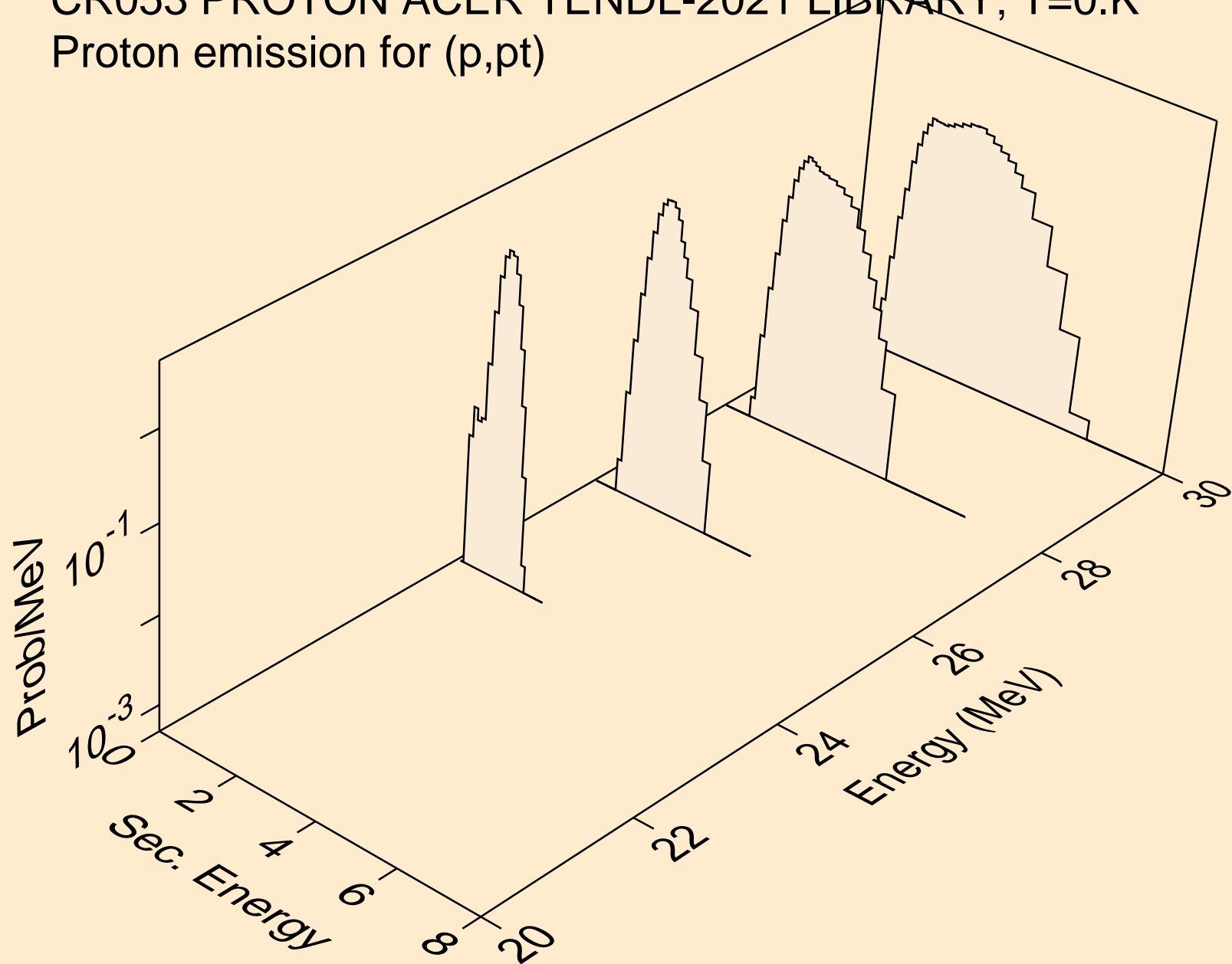
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Proton emission for (p,pa)



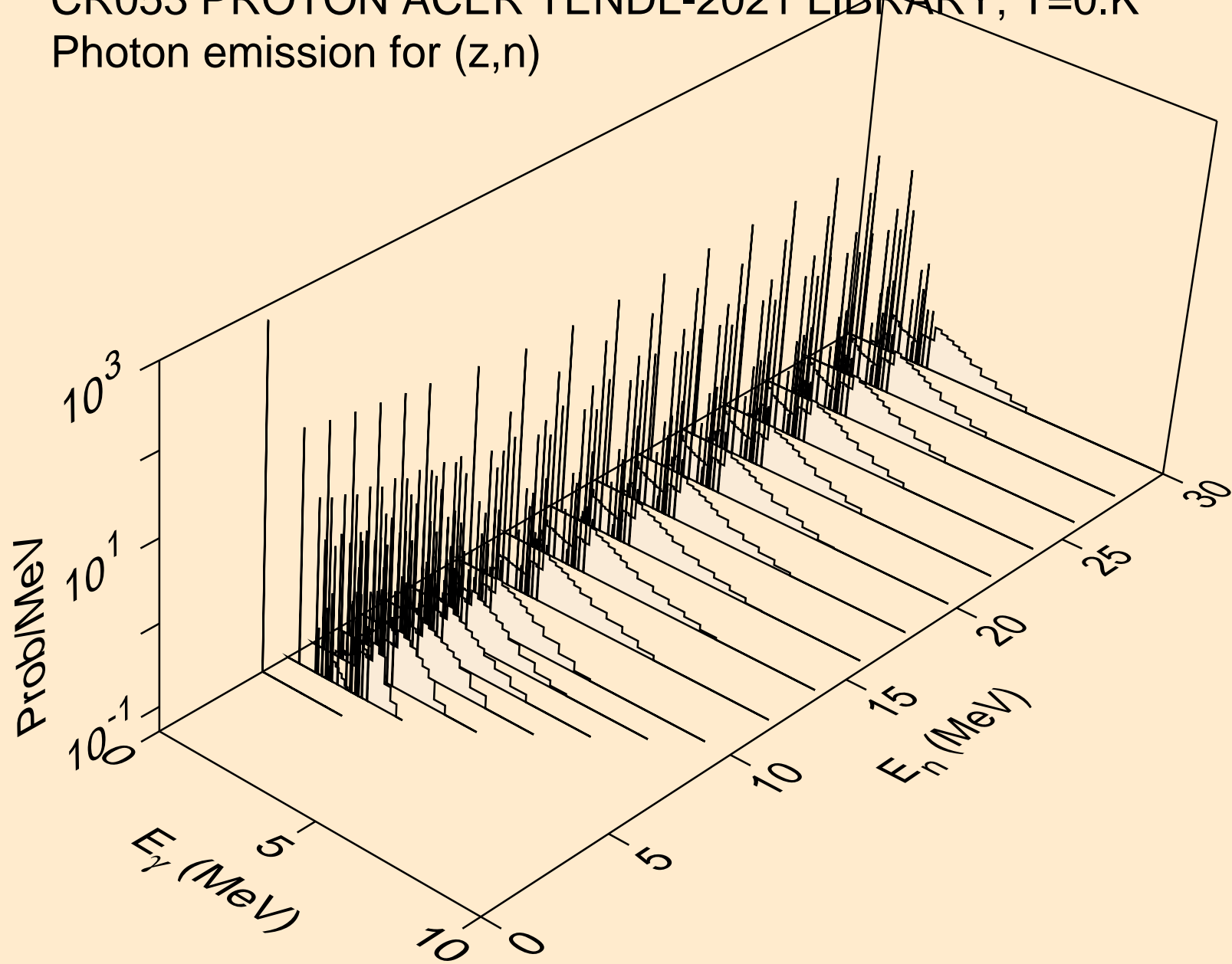
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



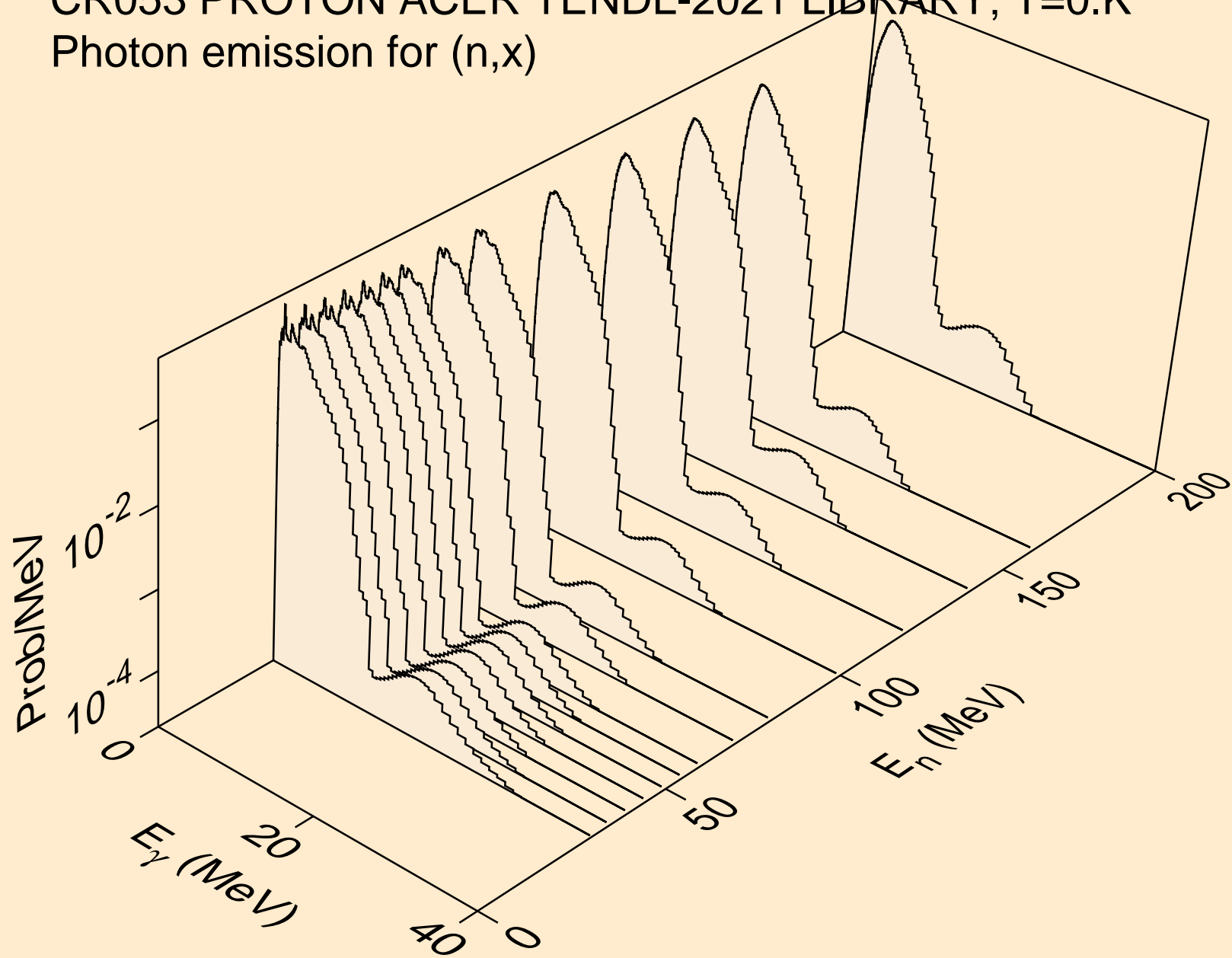
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Proton emission for (p,pt)



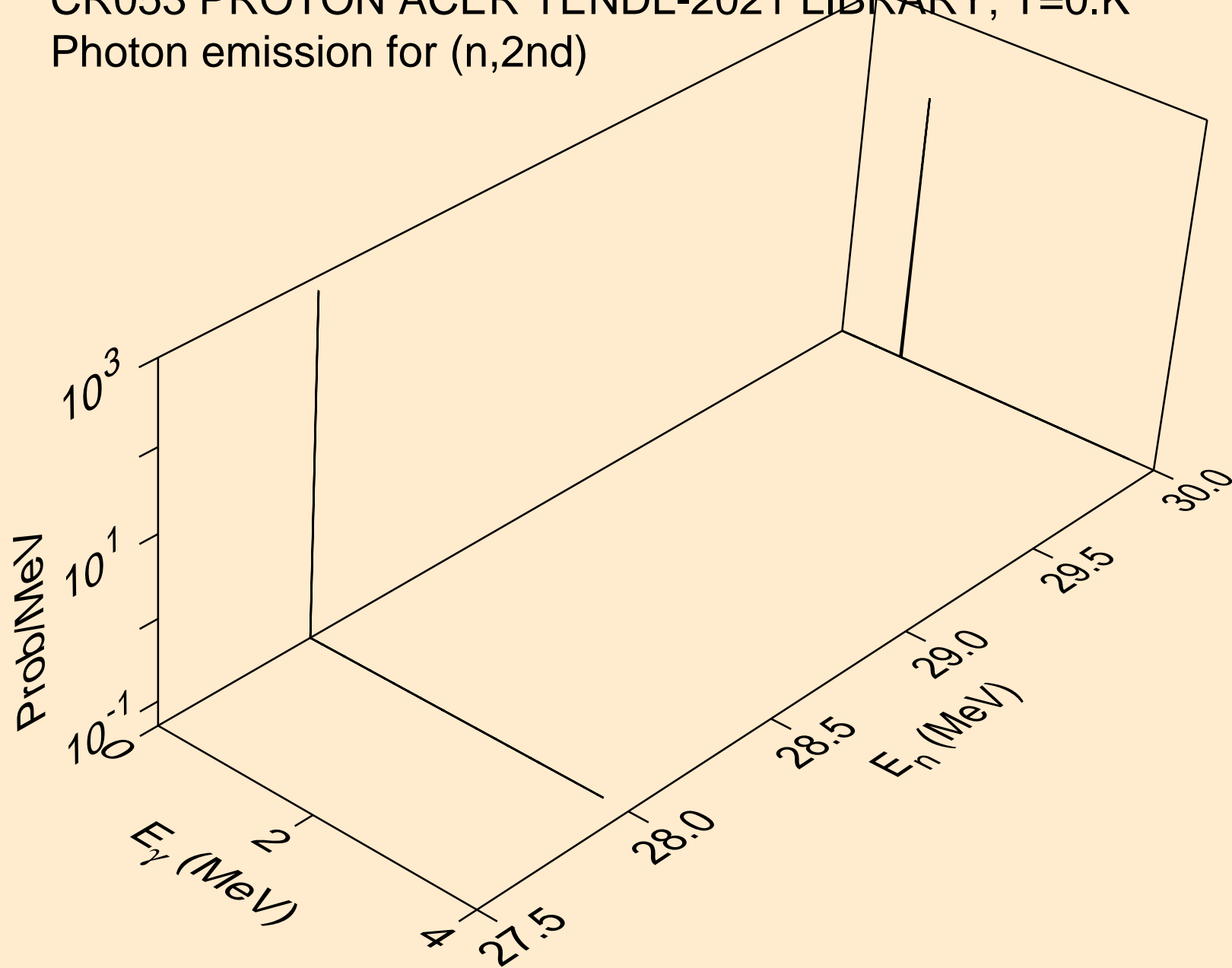
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Photon emission for (z,n)



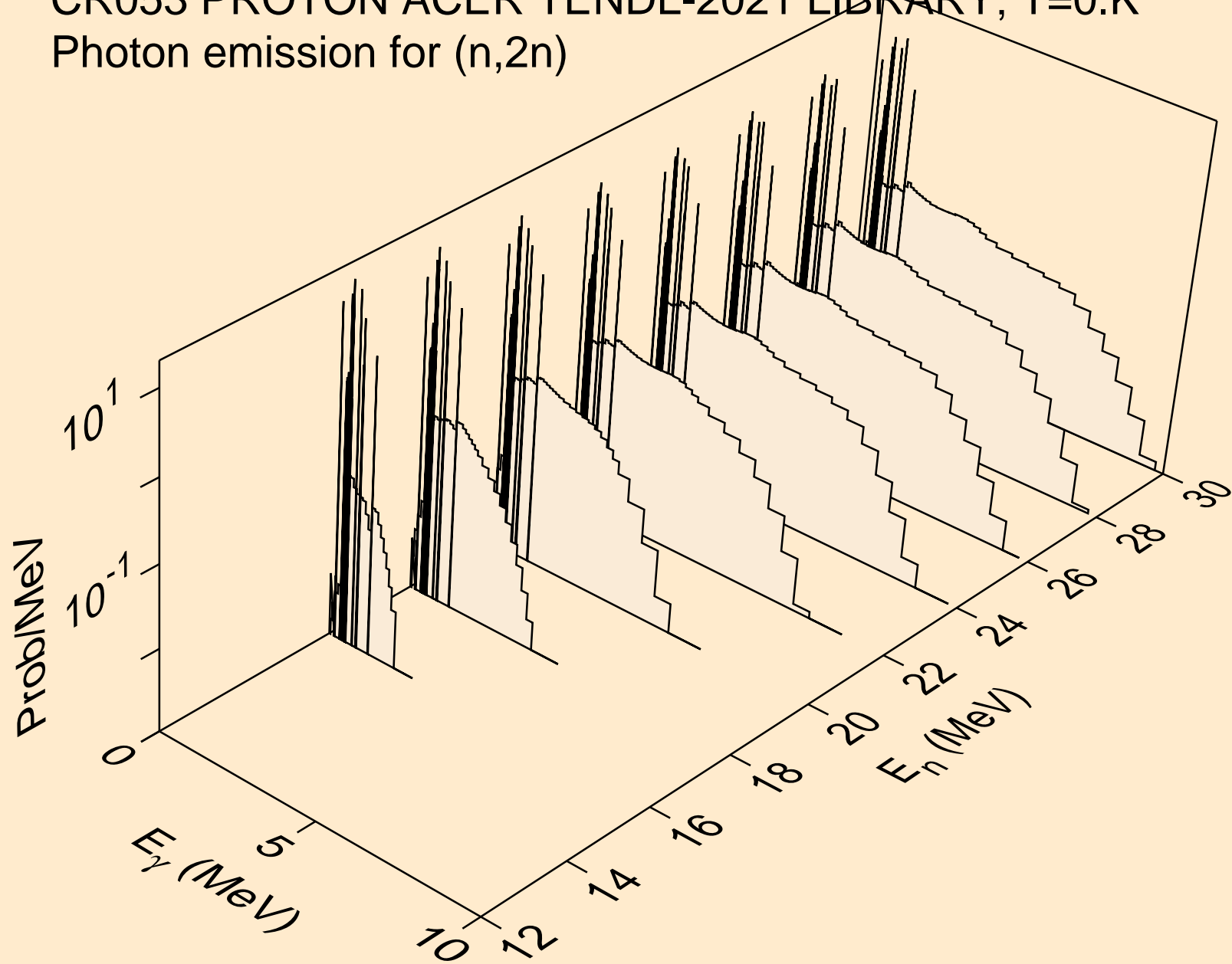
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Photon emission for (n,x)



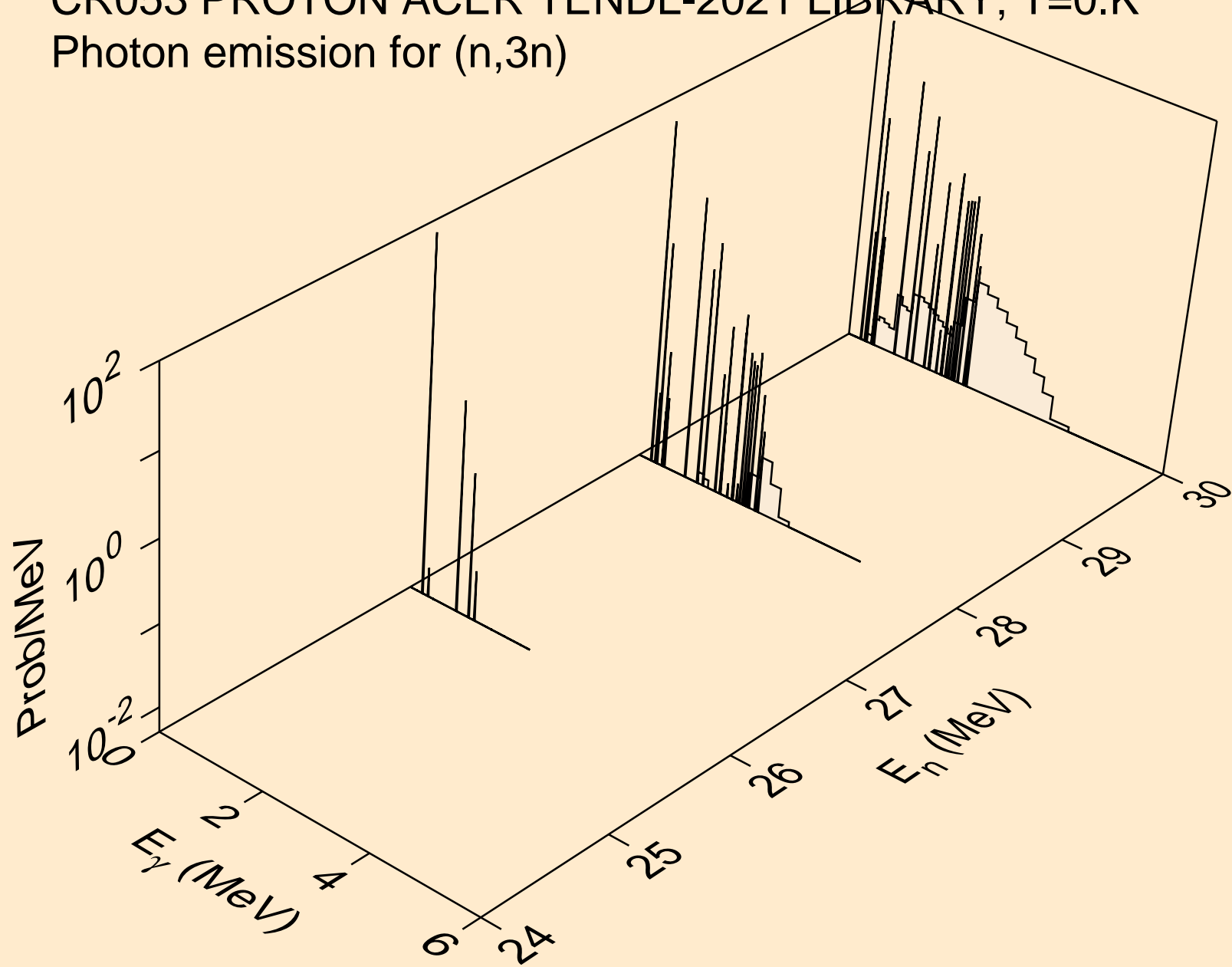
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

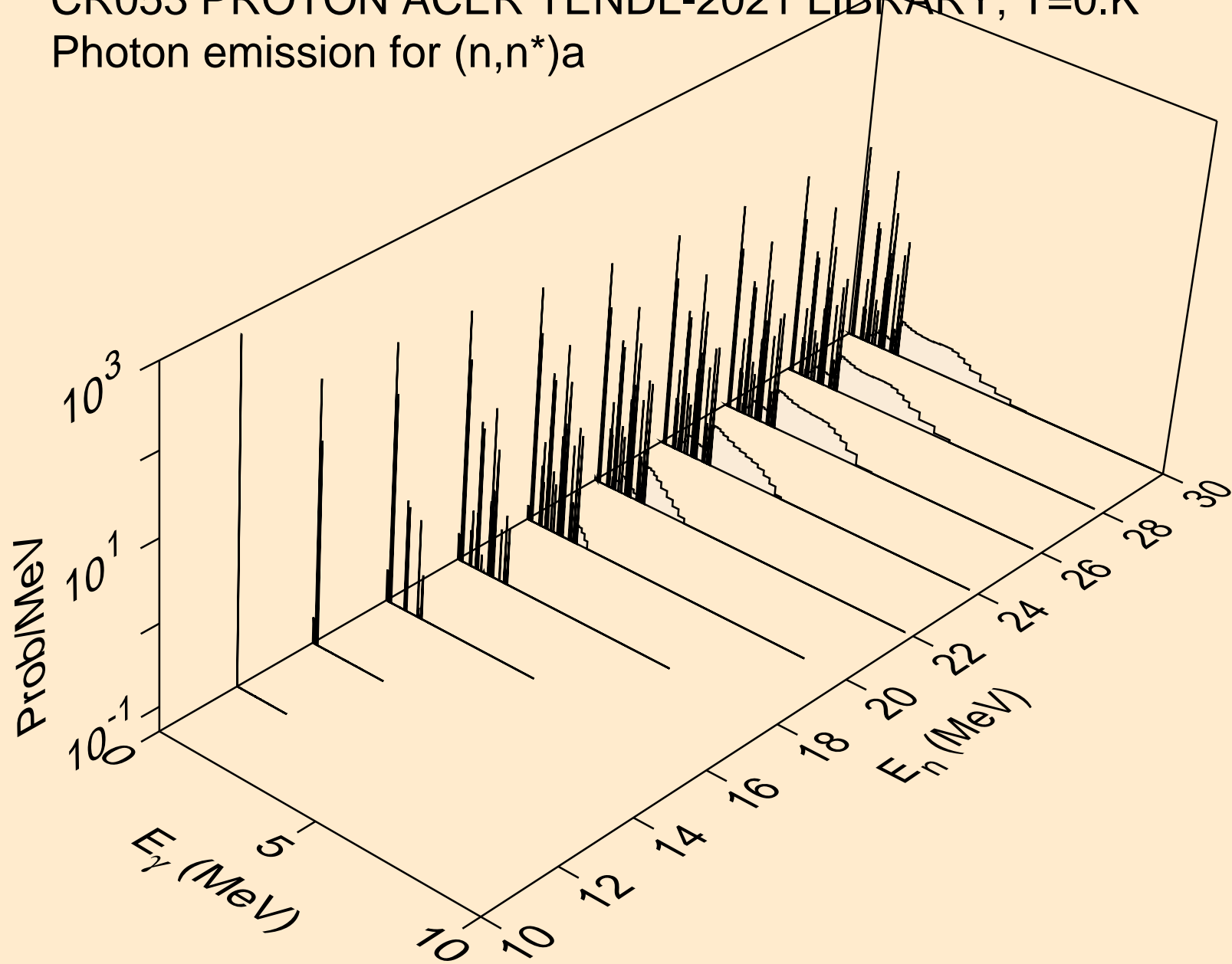


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Photon emission for (n,3n)

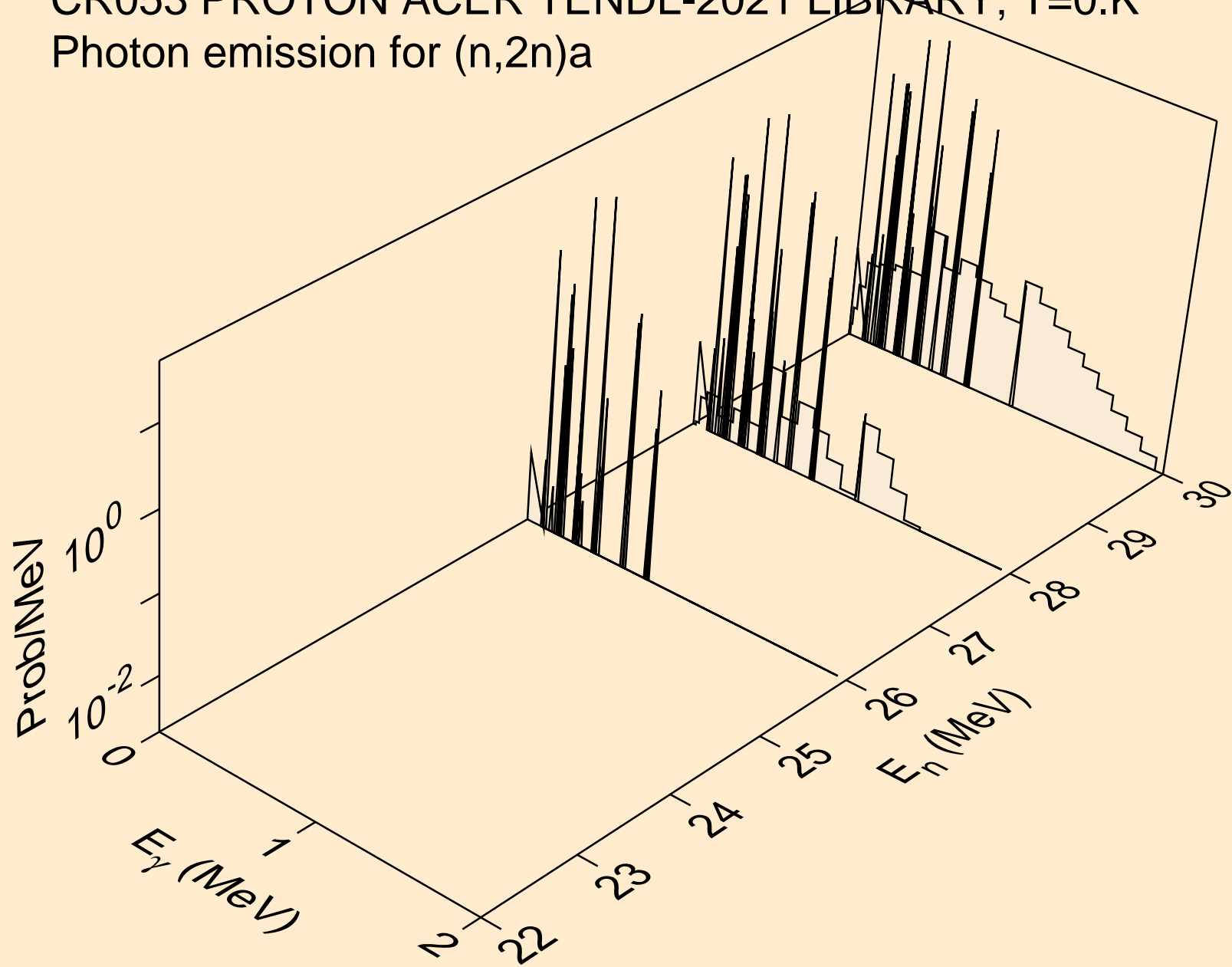




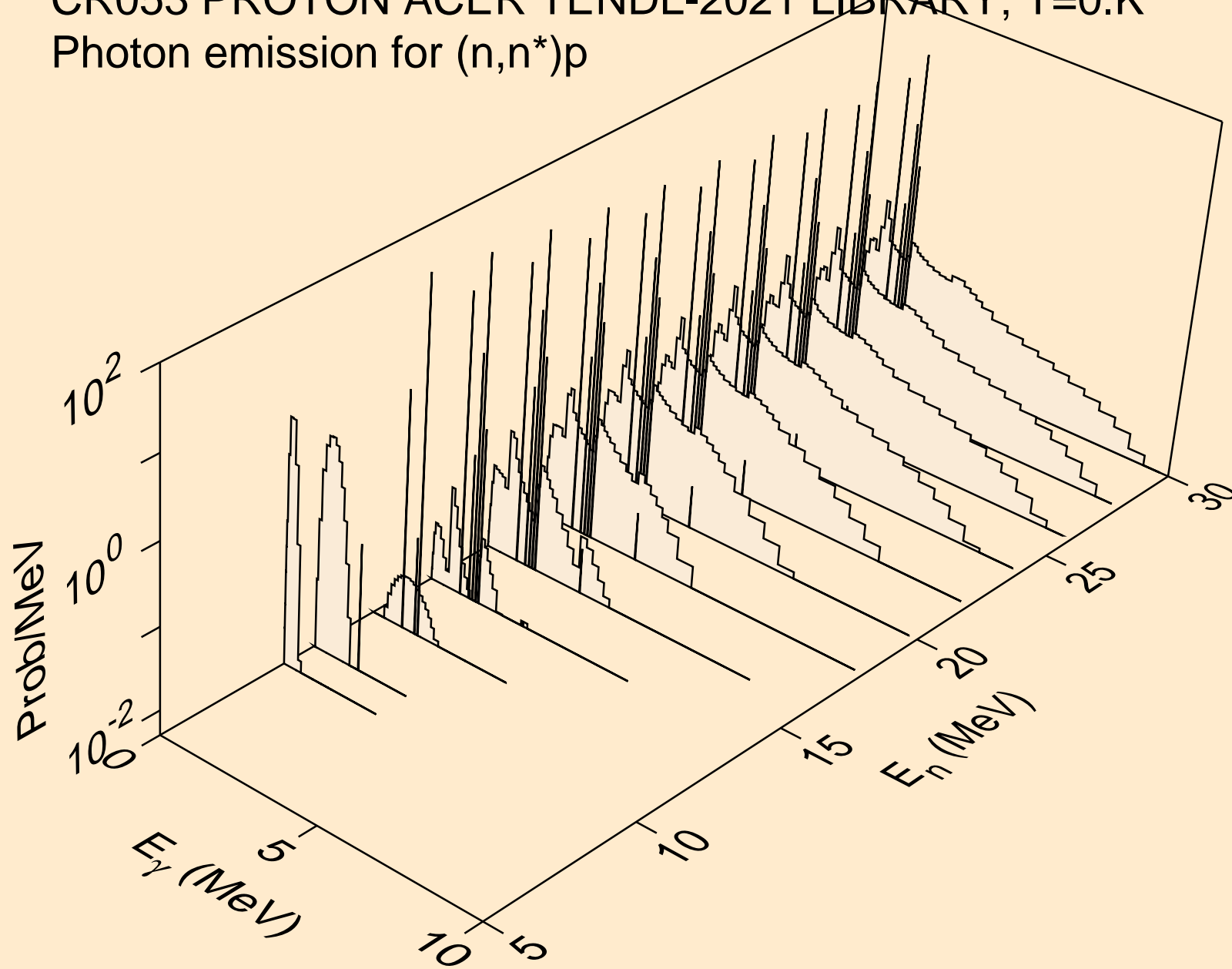
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Photon emission for (n,n\*)a



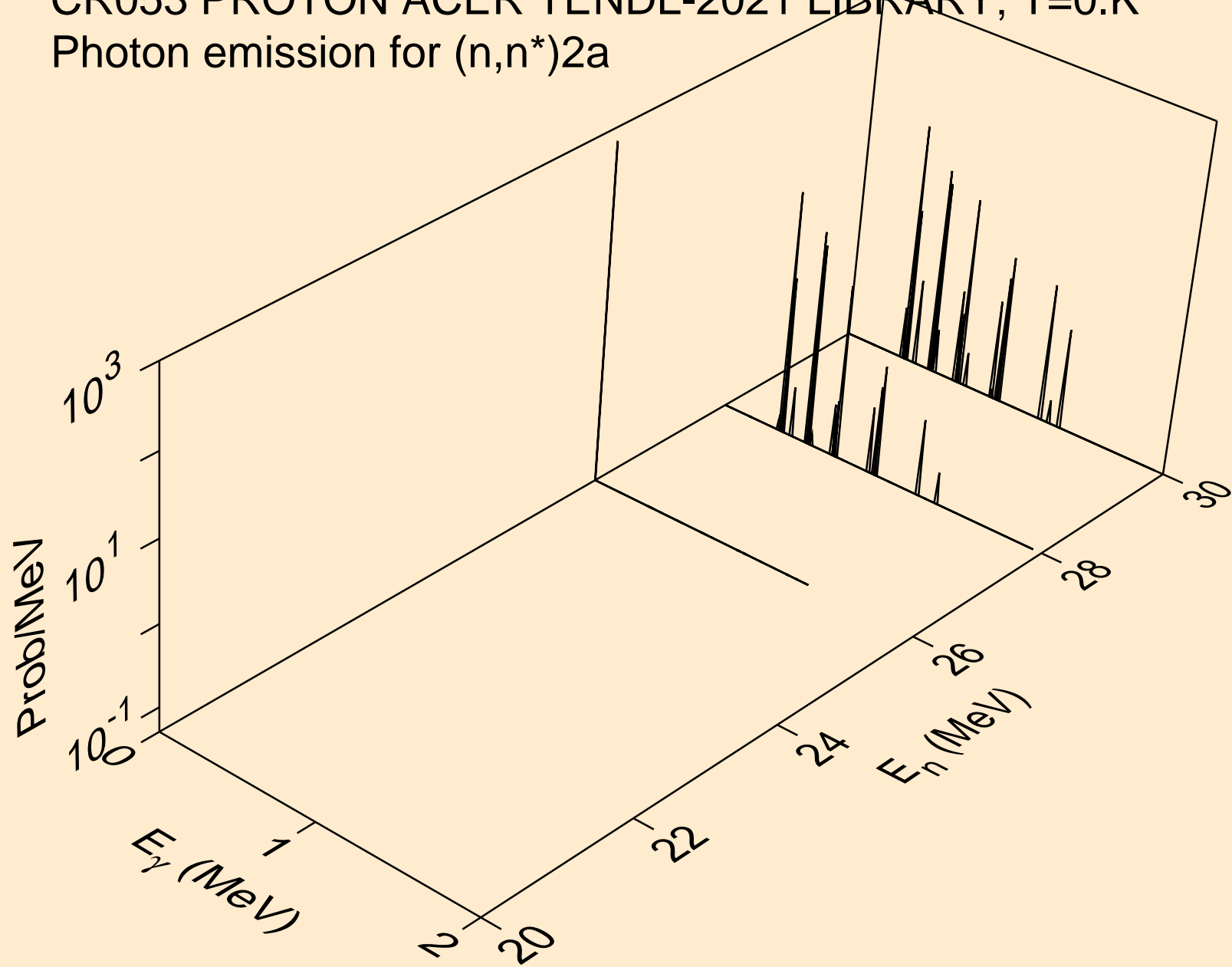
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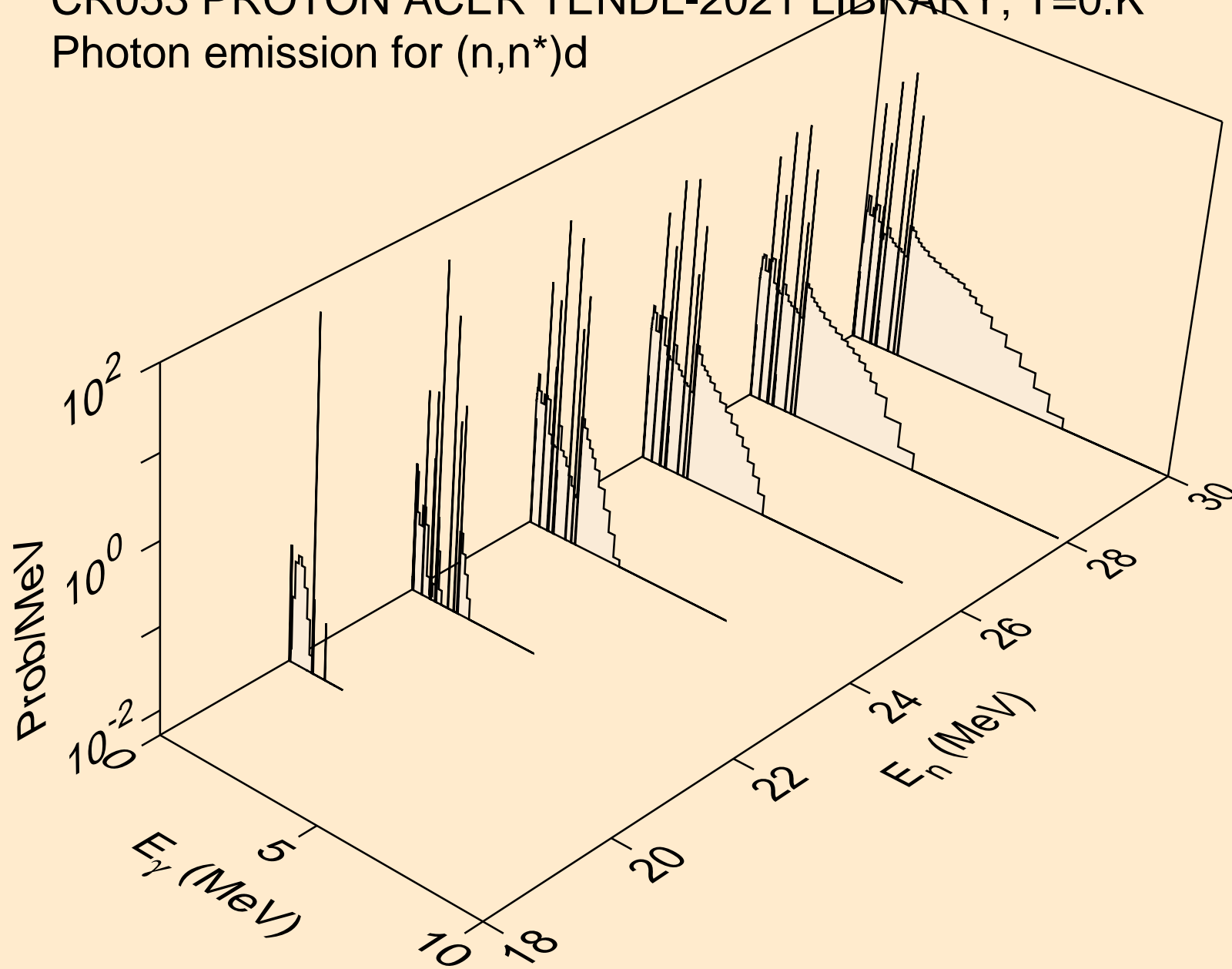
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Photon emission for (n,n\*)p



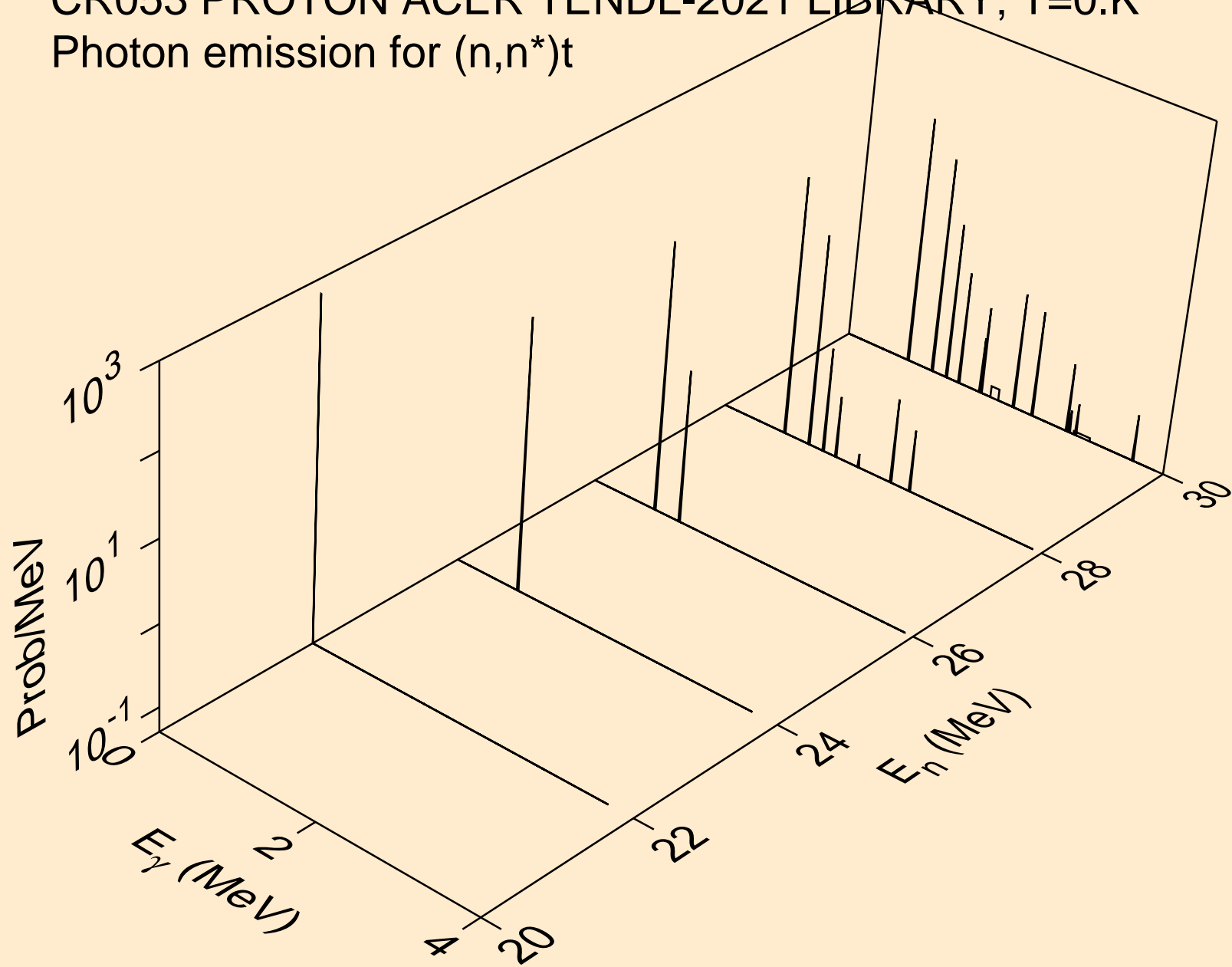
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Photon emission for (n,n\*)2a



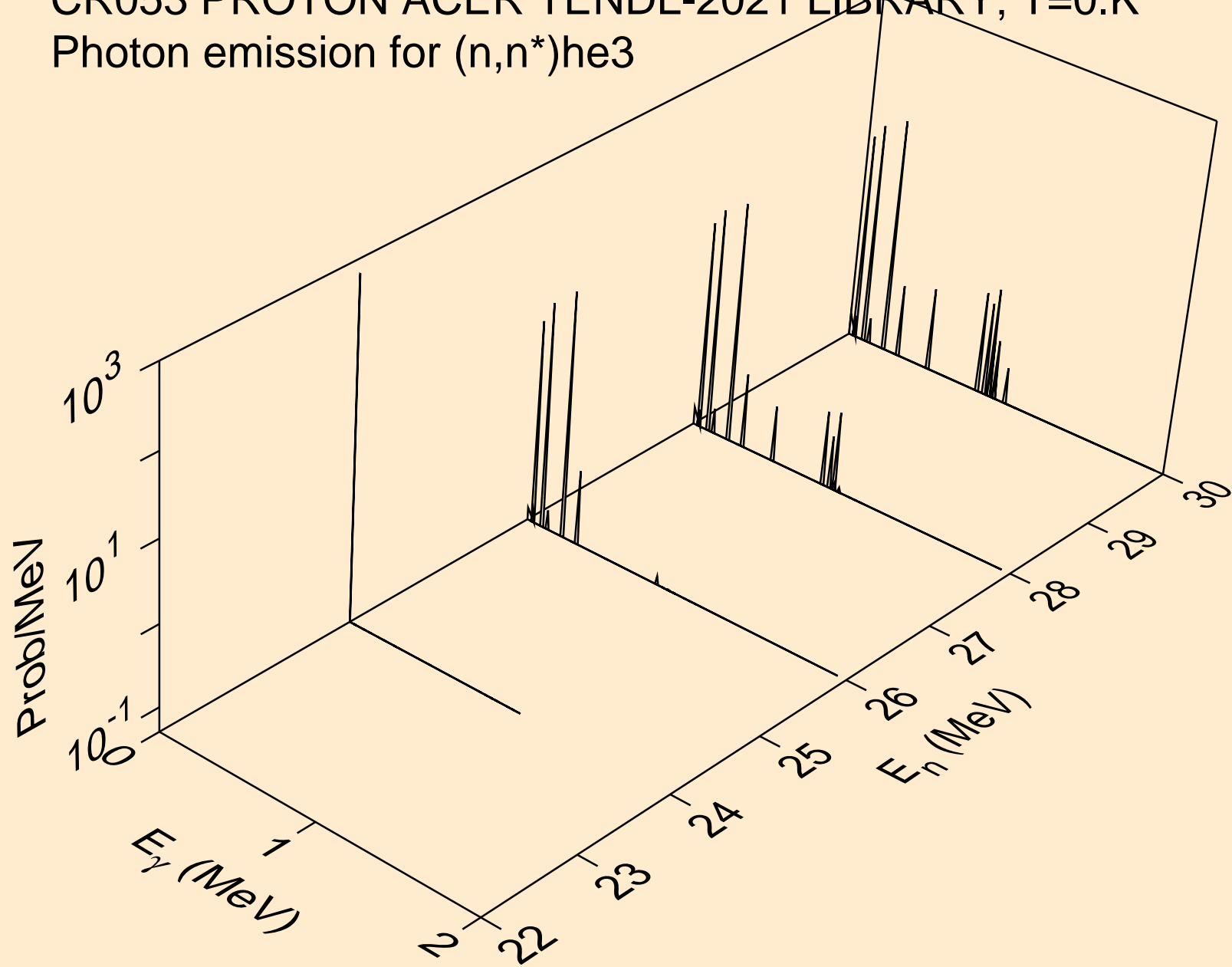
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Photon emission for (n,n\*)d



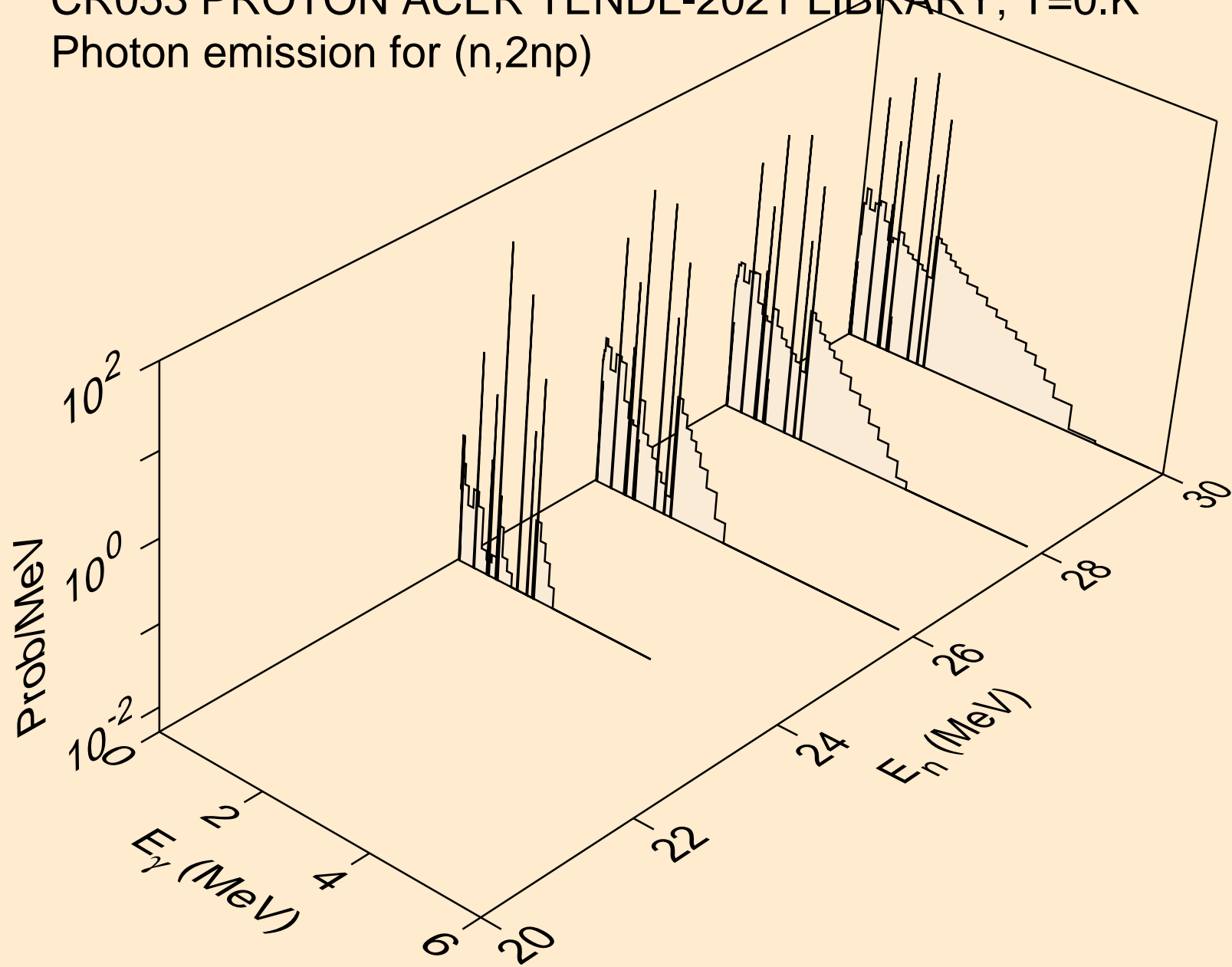
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

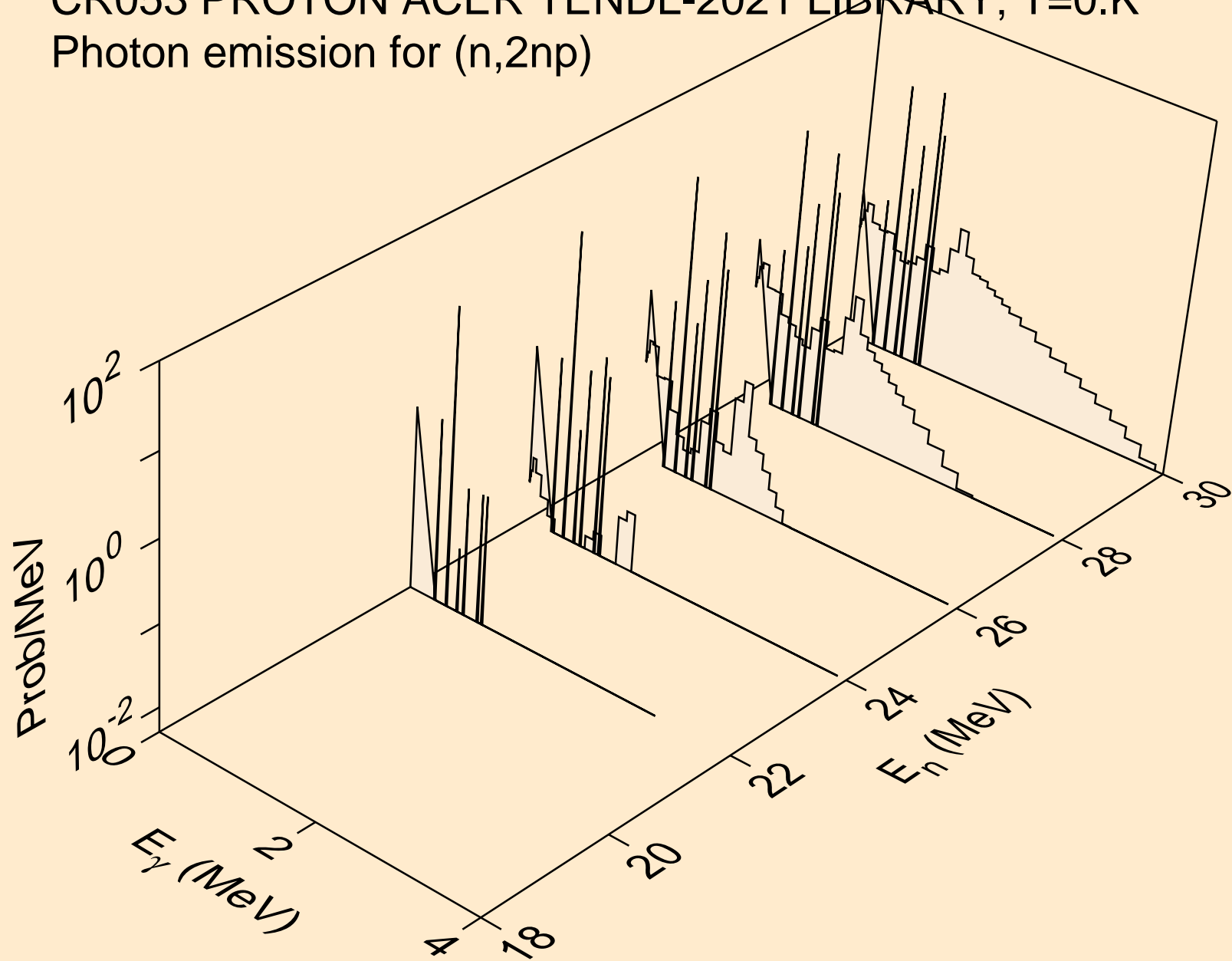


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Photon emission for (n,2np)

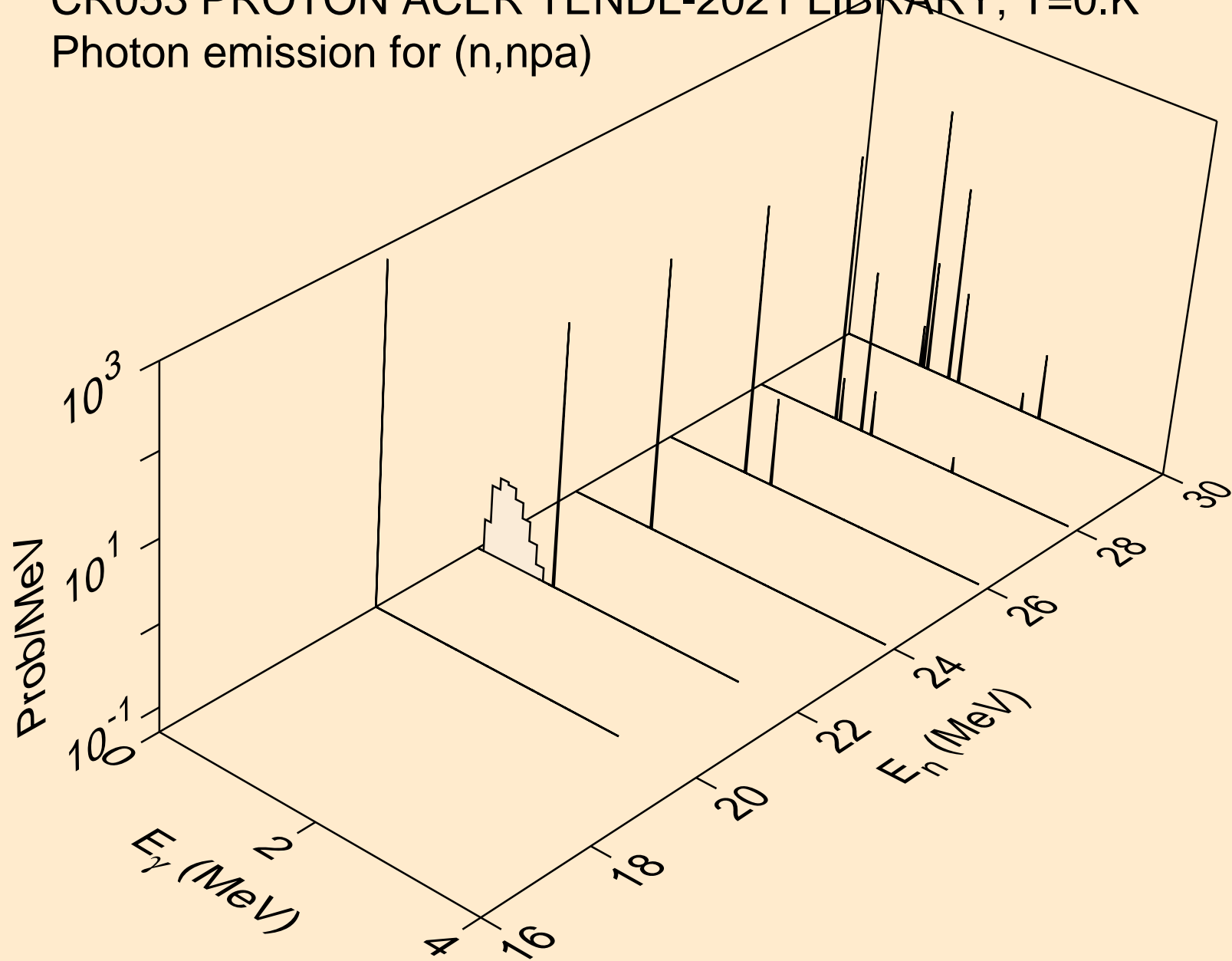




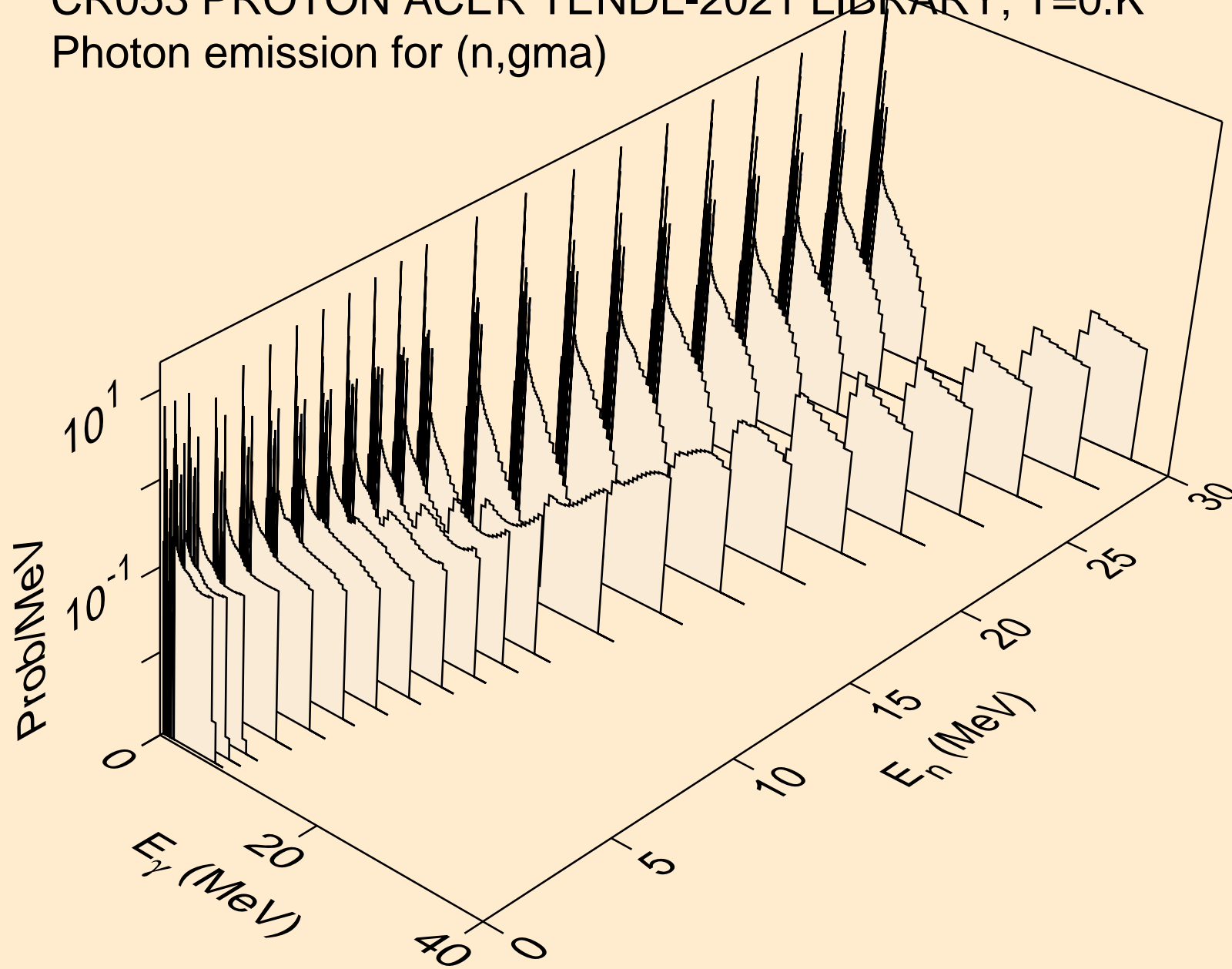
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Photon emission for (n,2np)



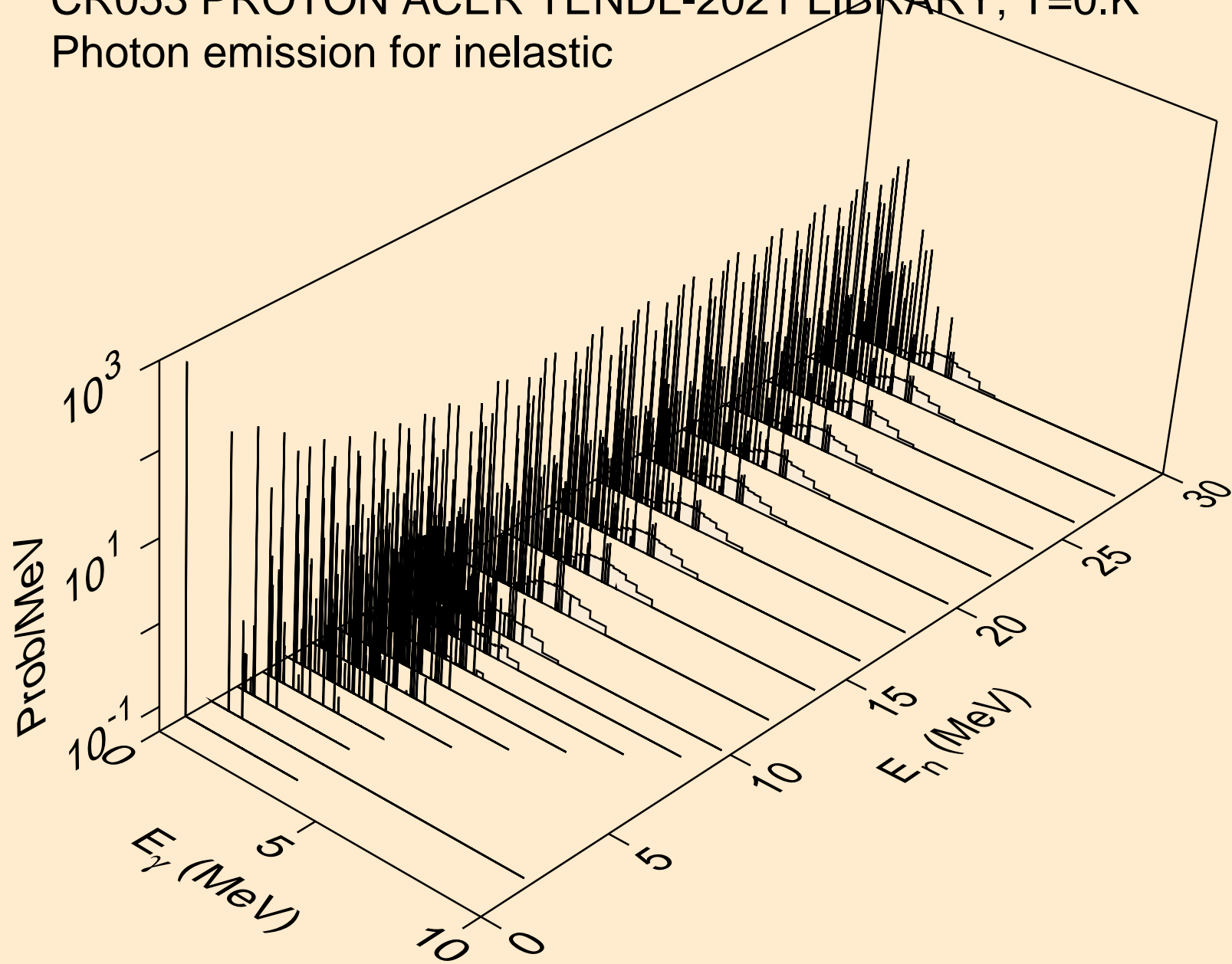
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Photon emission for (n,npa)



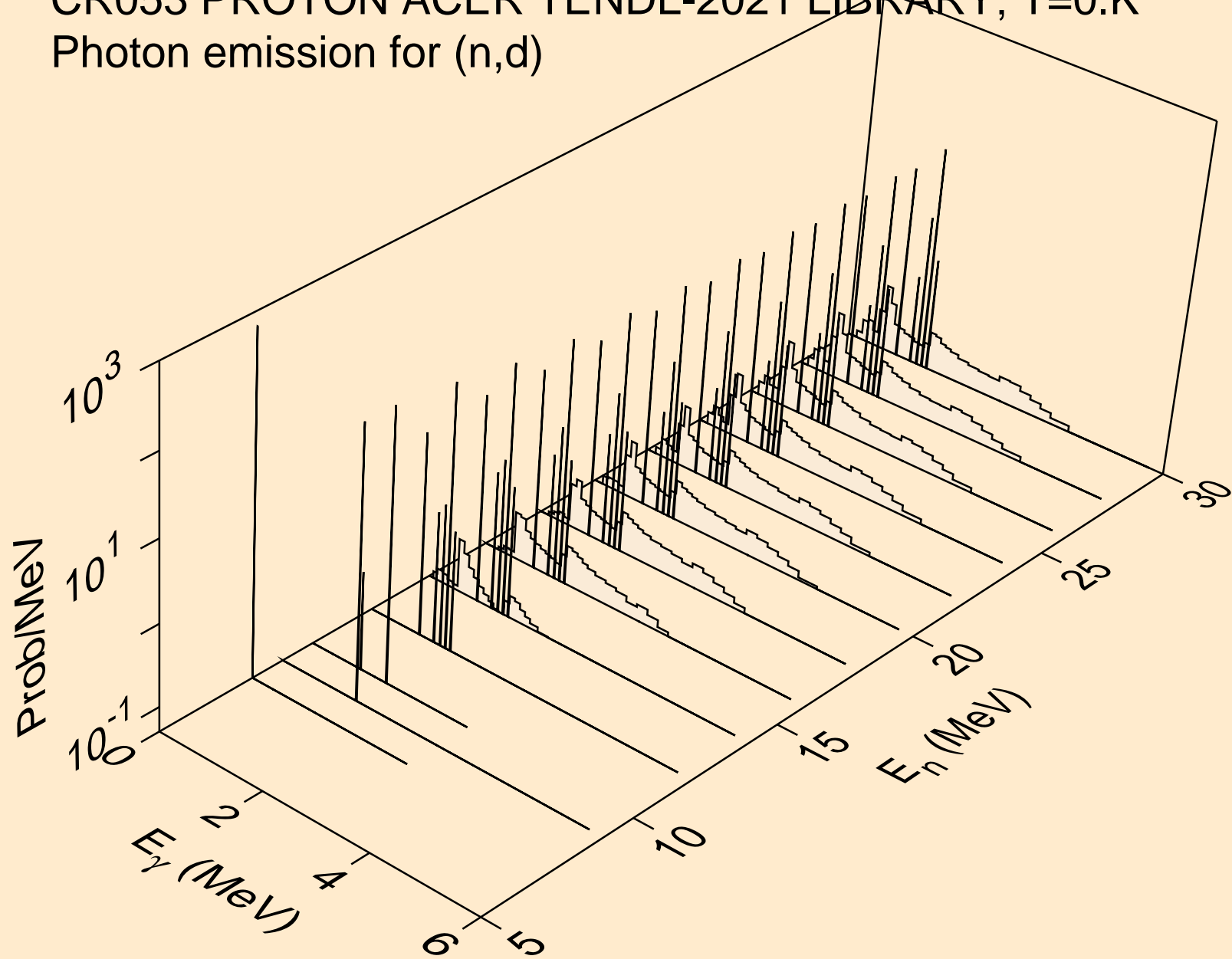
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Photon emission for (n,gma)



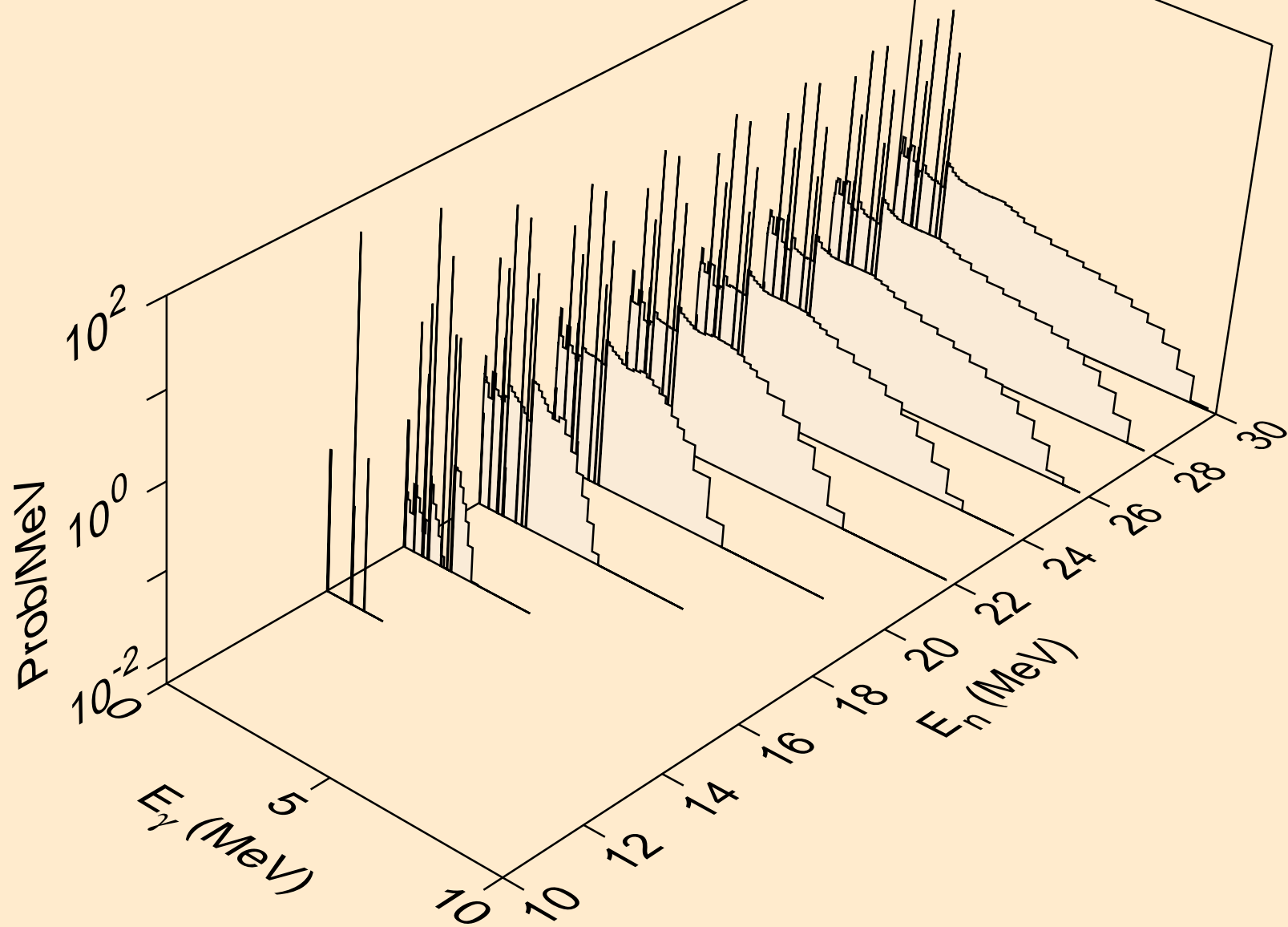
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Photon emission for inelastic



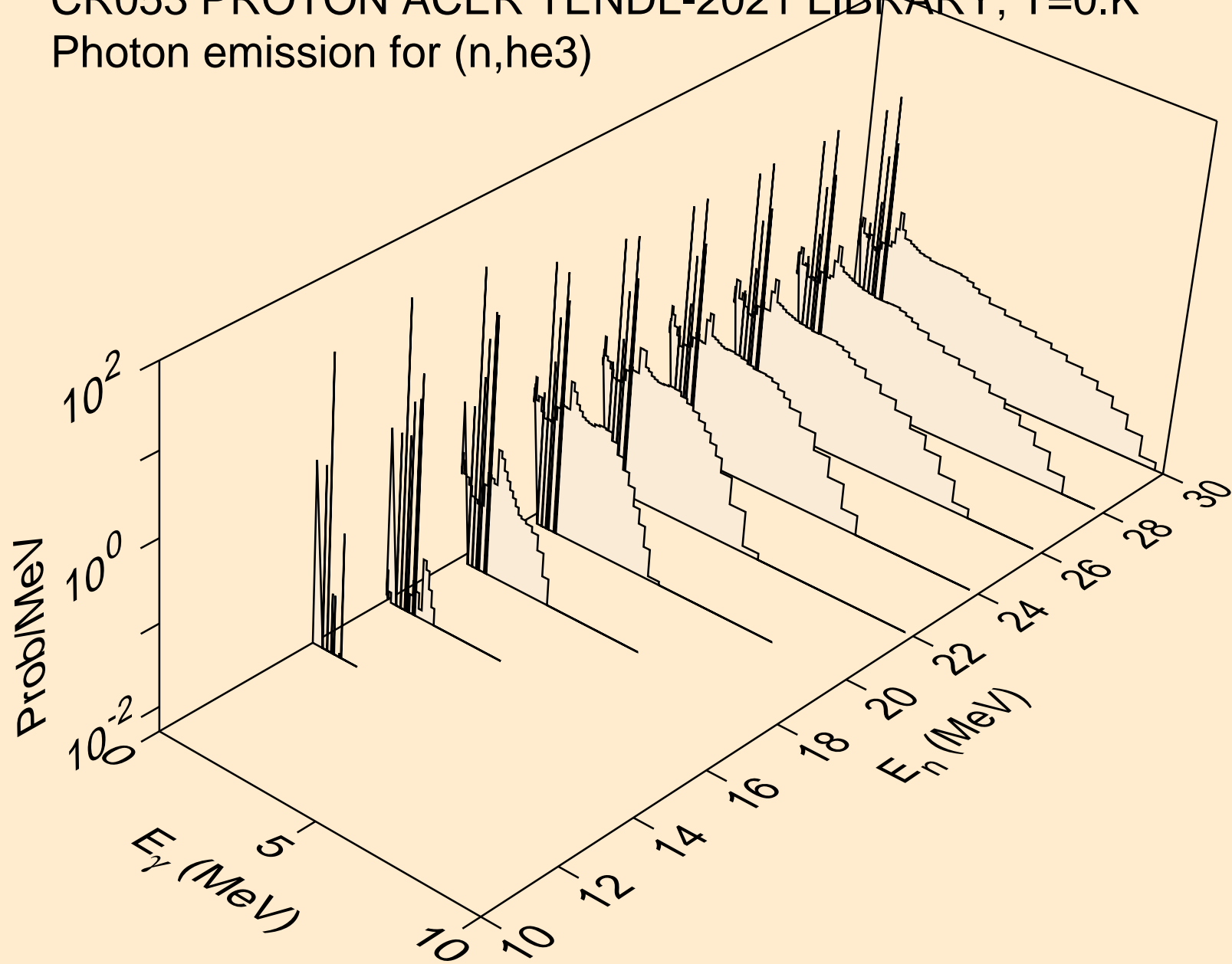
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Photon emission for (n,d)



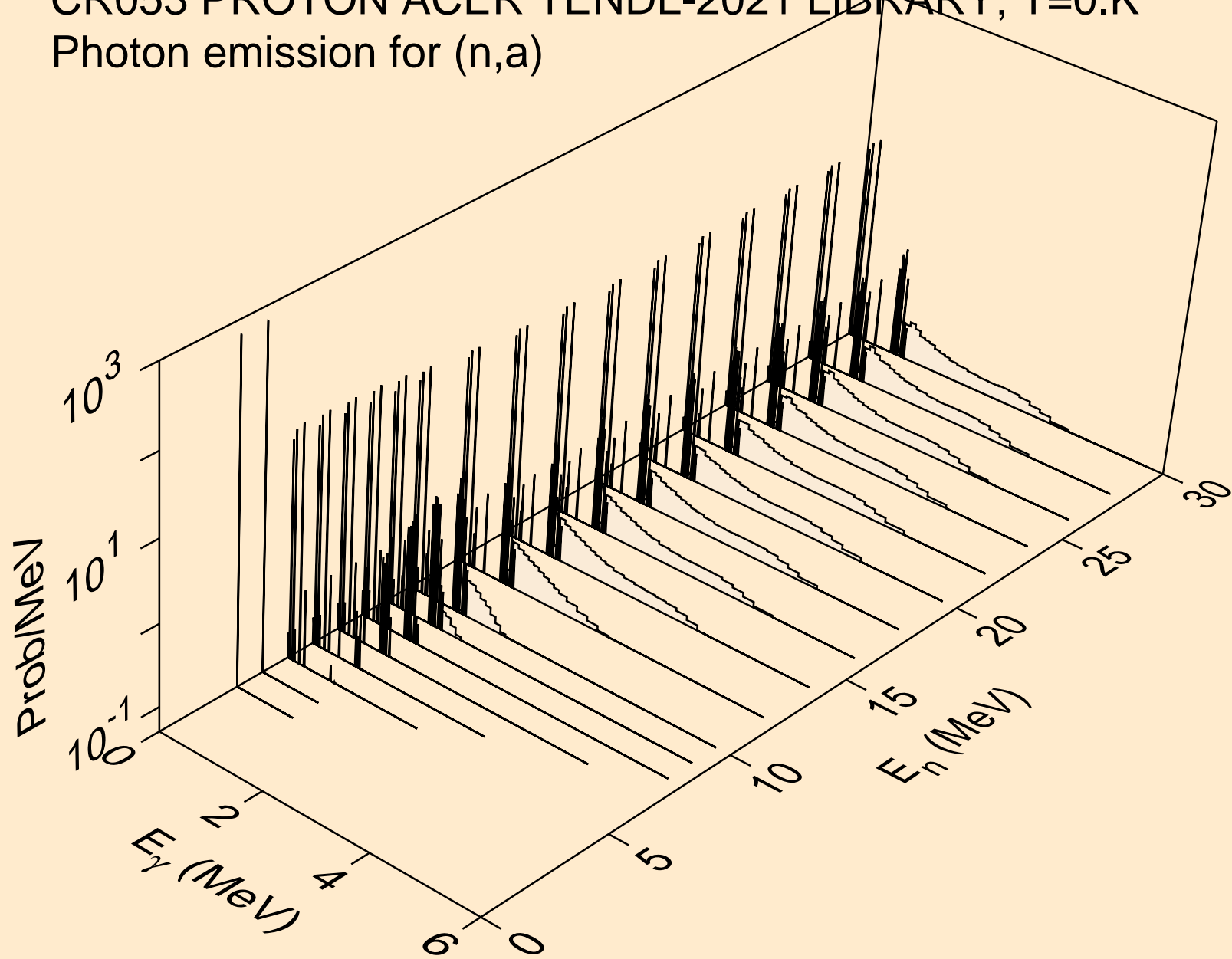
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

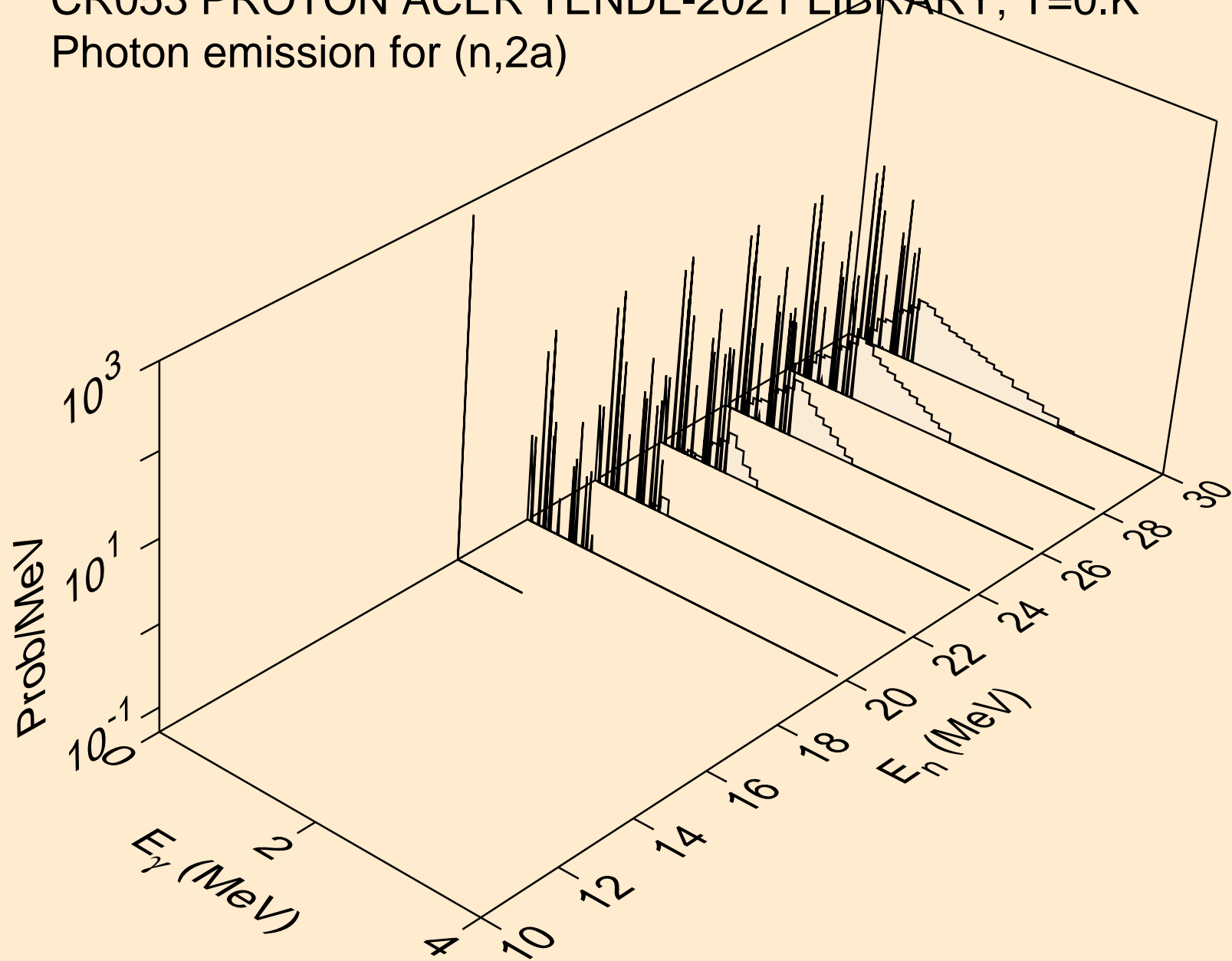


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Photon emission for (n,a)

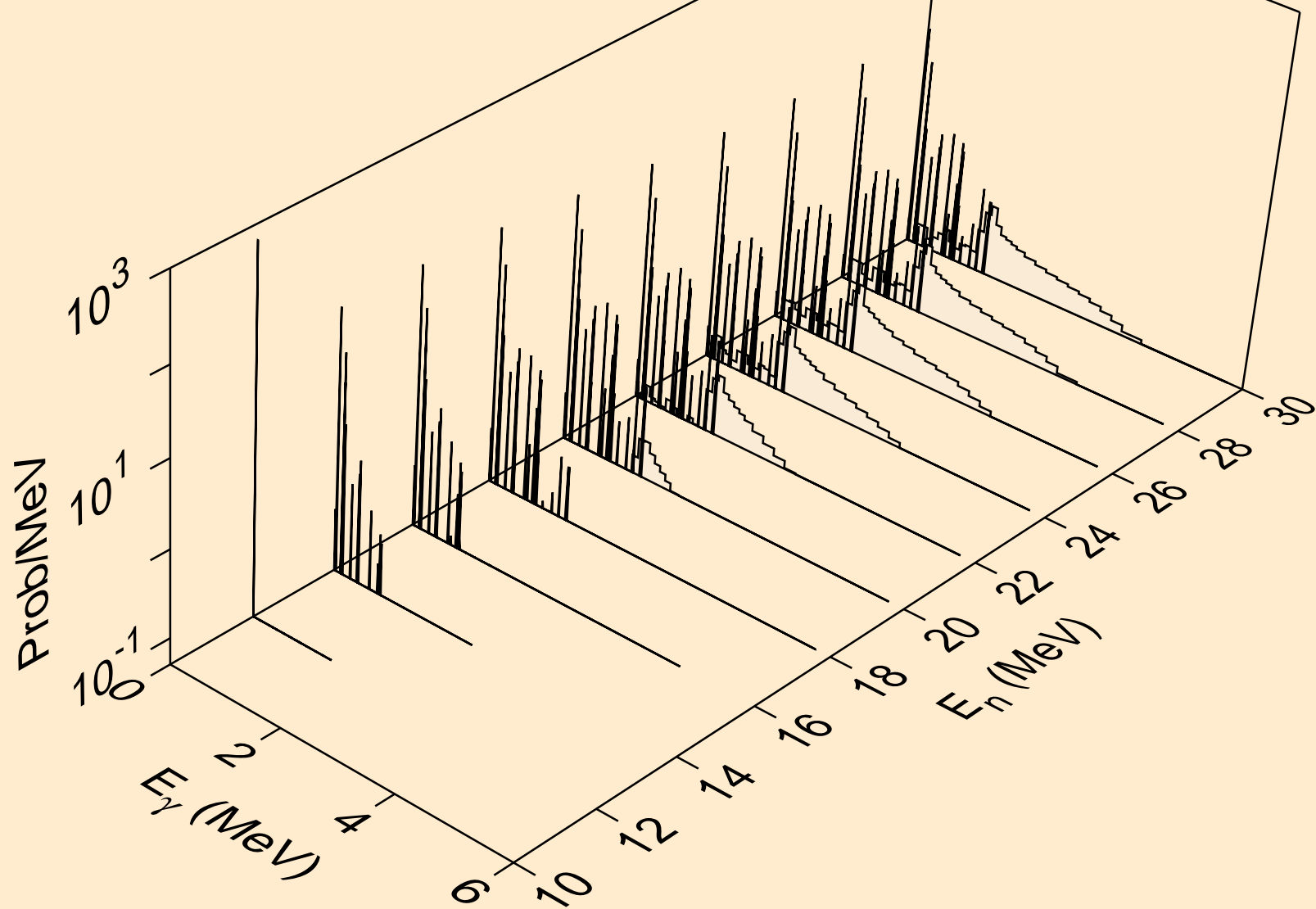




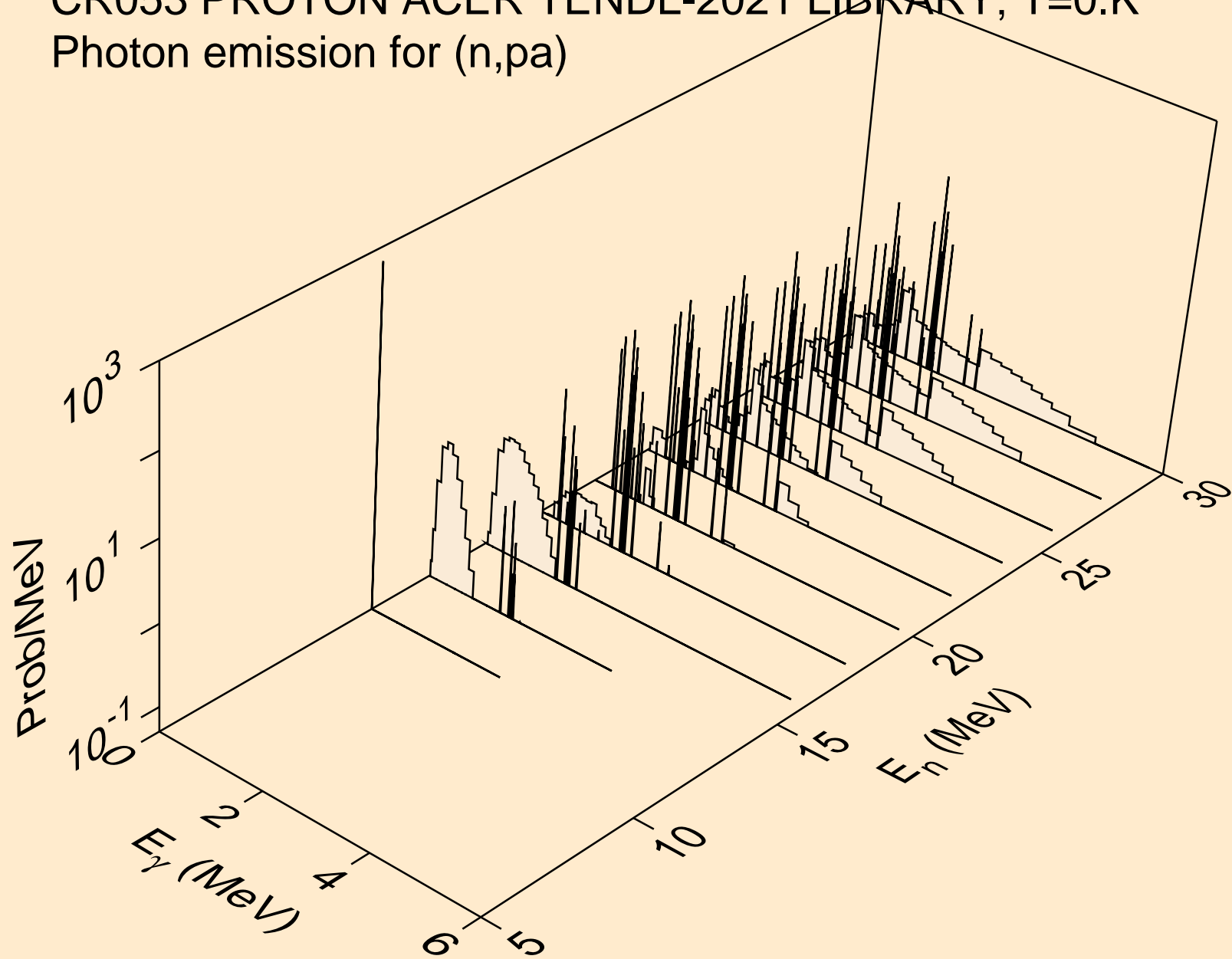
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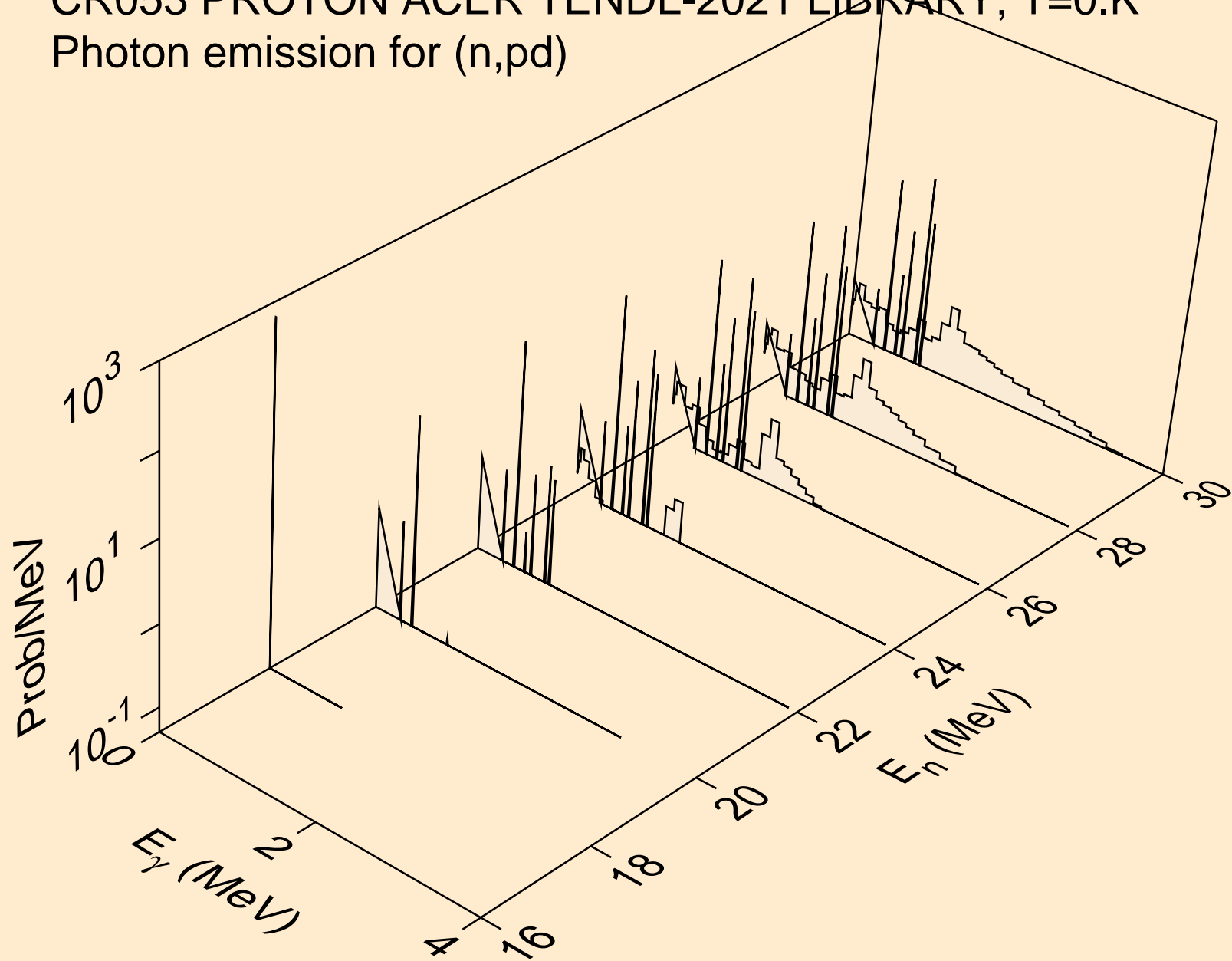
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Photon emission for (n,2p)



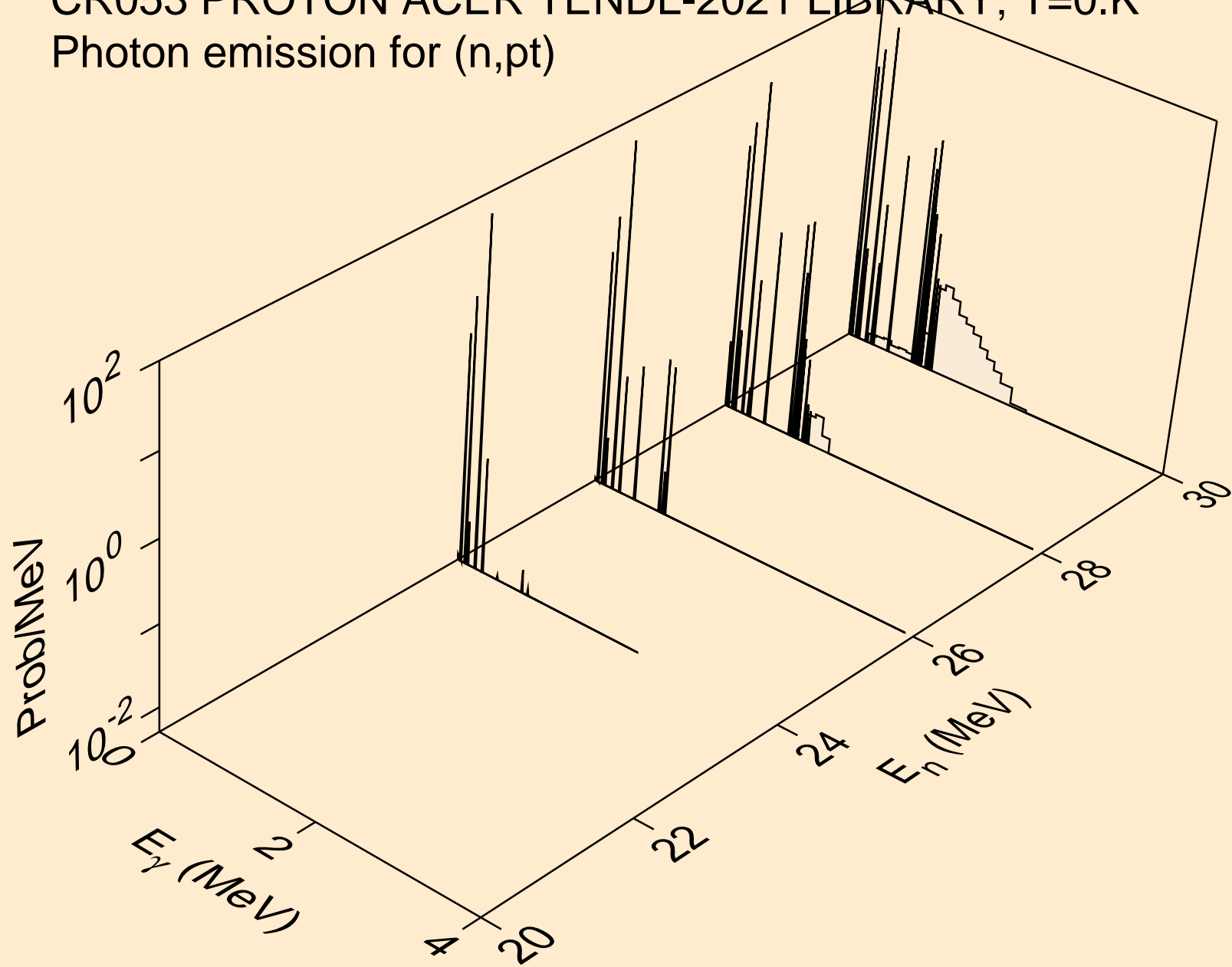
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Photon emission for (n,pa)



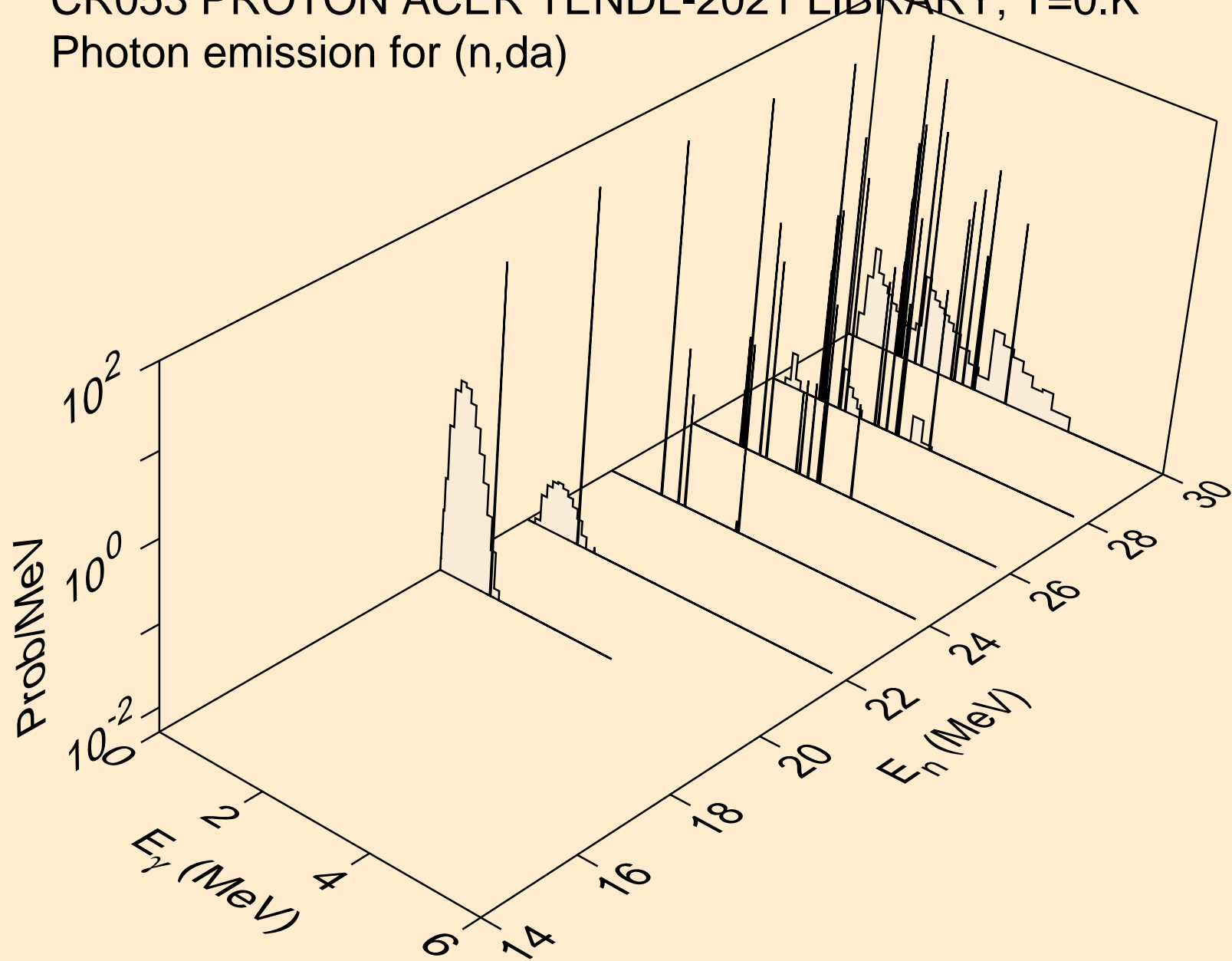
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Photon emission for (n,pd)



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Photon emission for (n,pt)

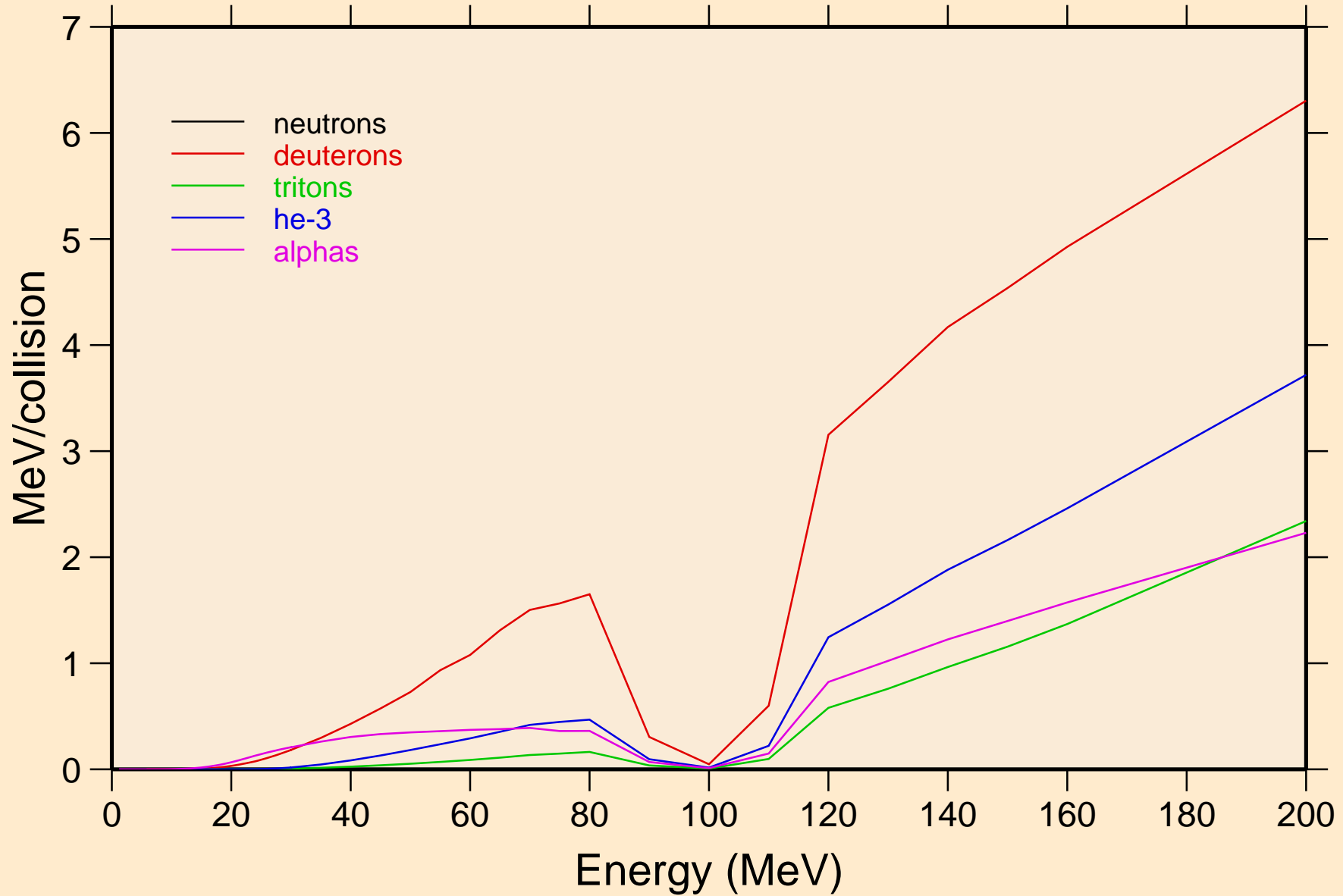


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Photon emission for (n,da)

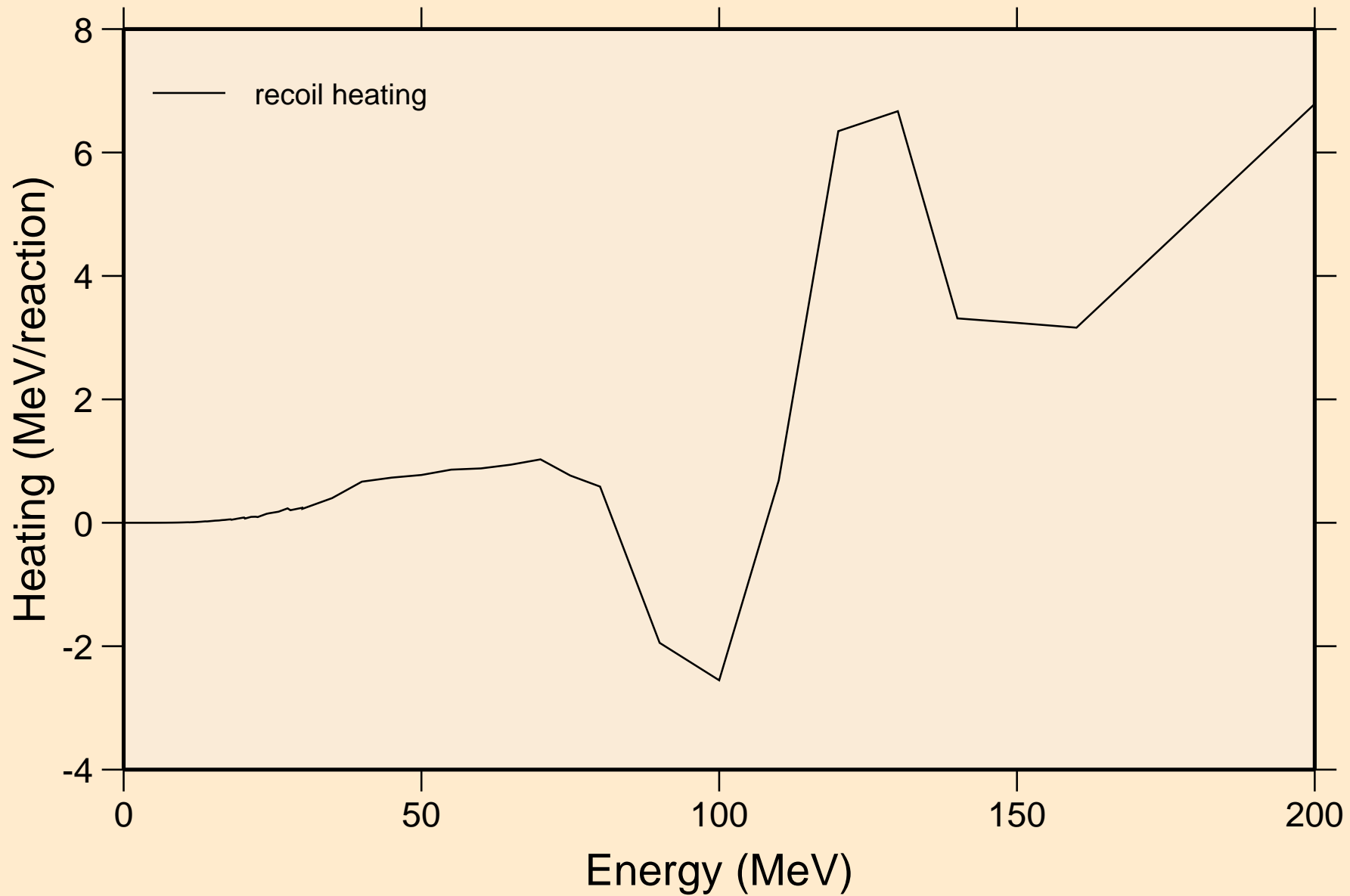


# CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

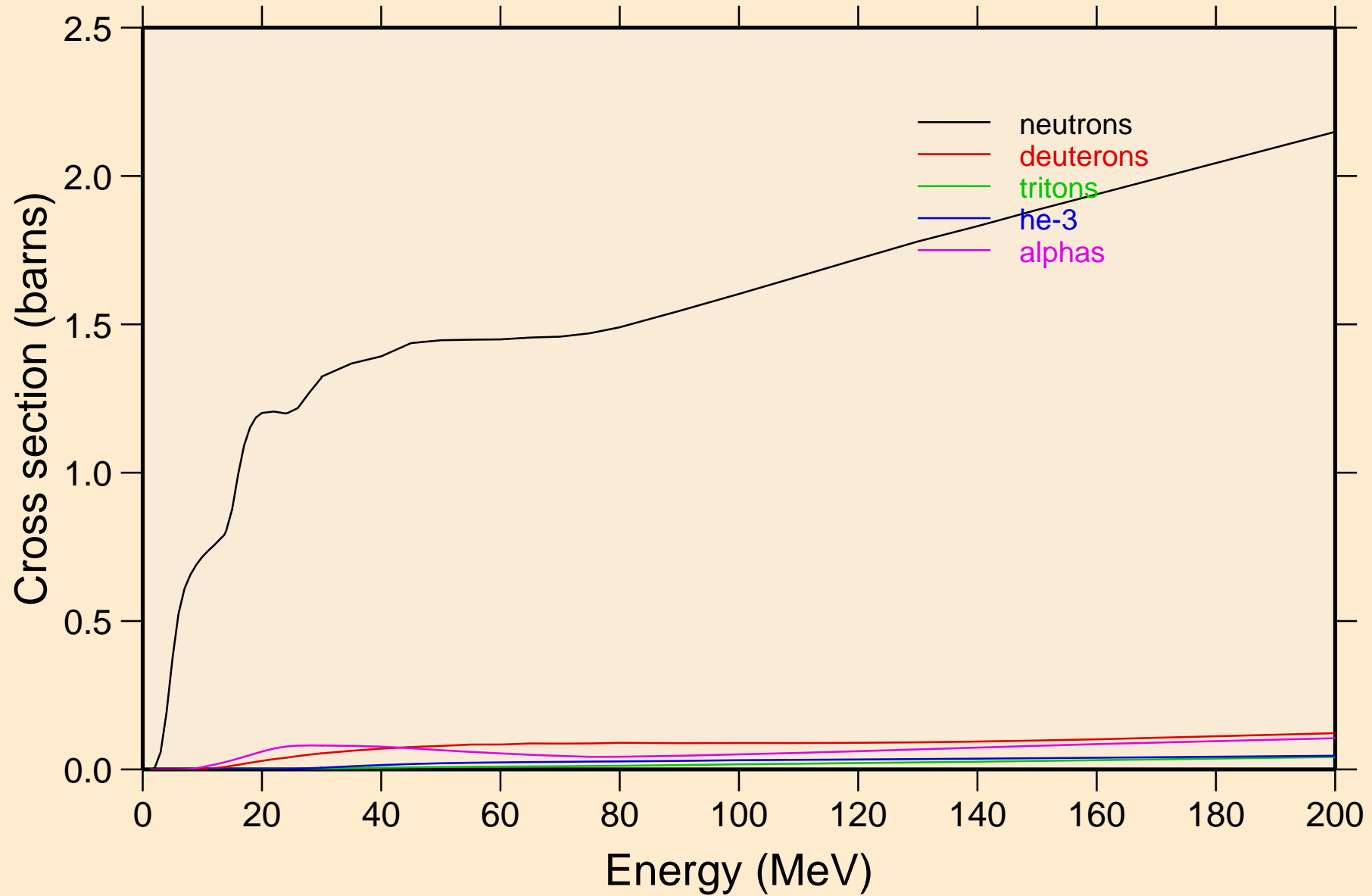


CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

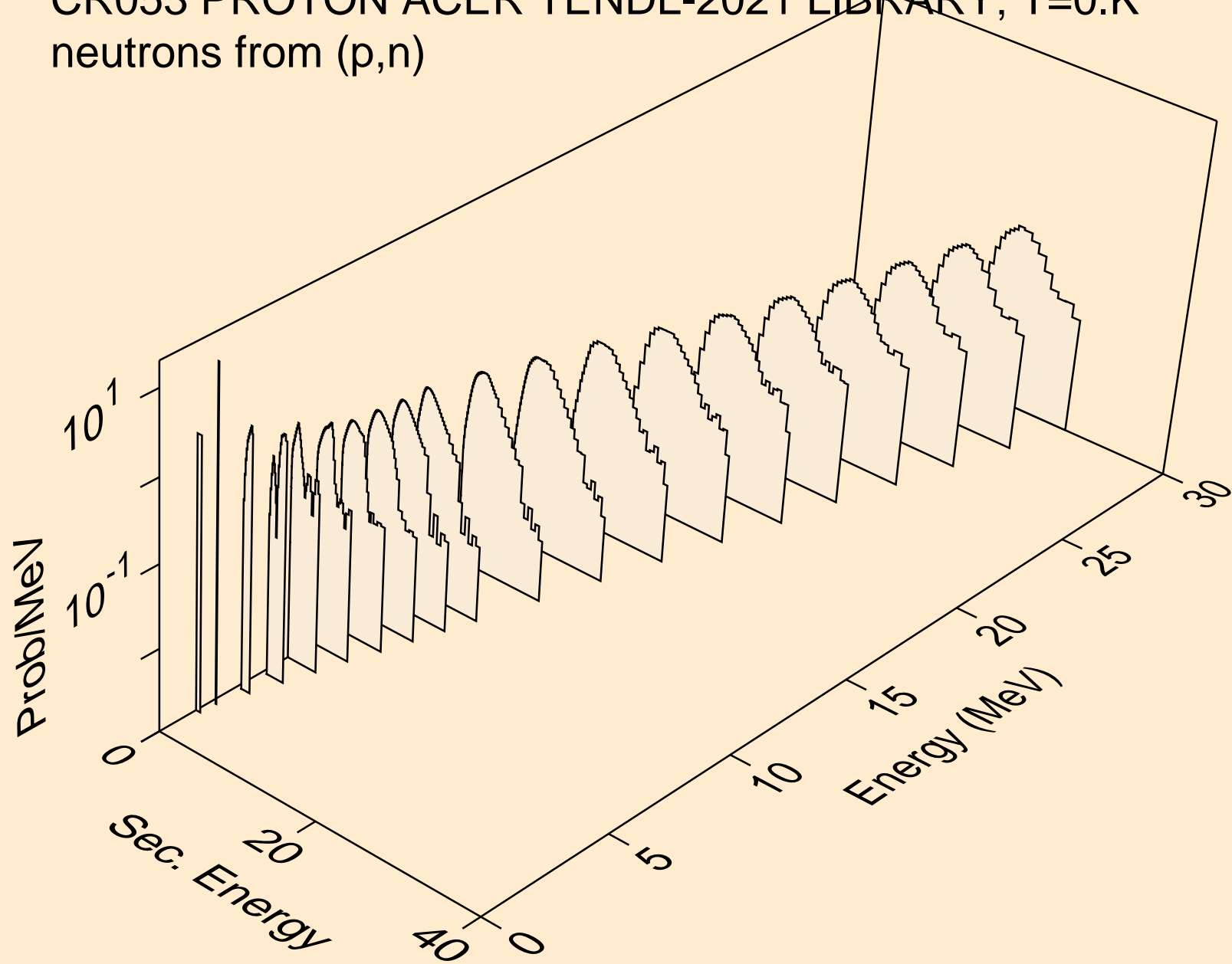




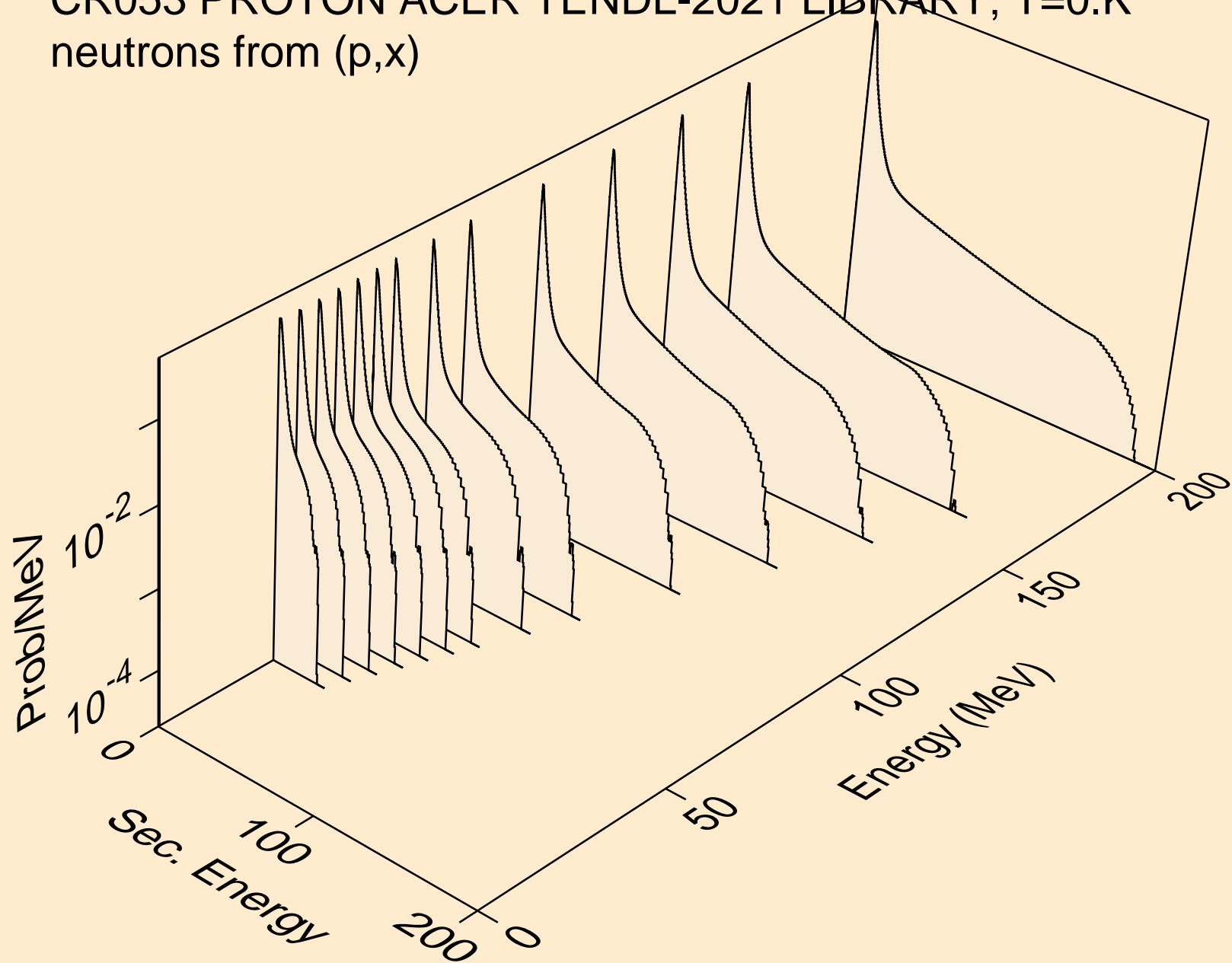
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Particle production cross sections



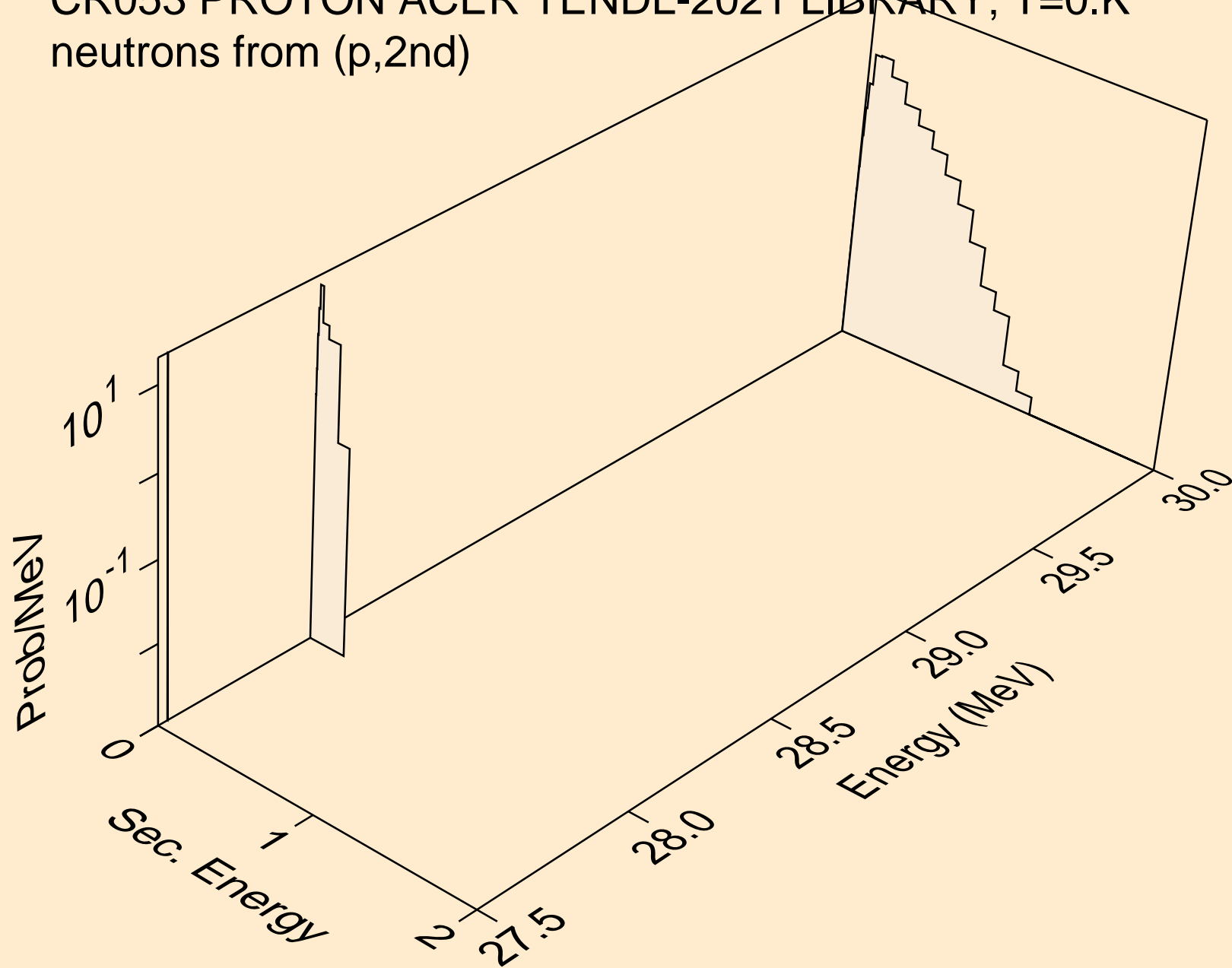
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



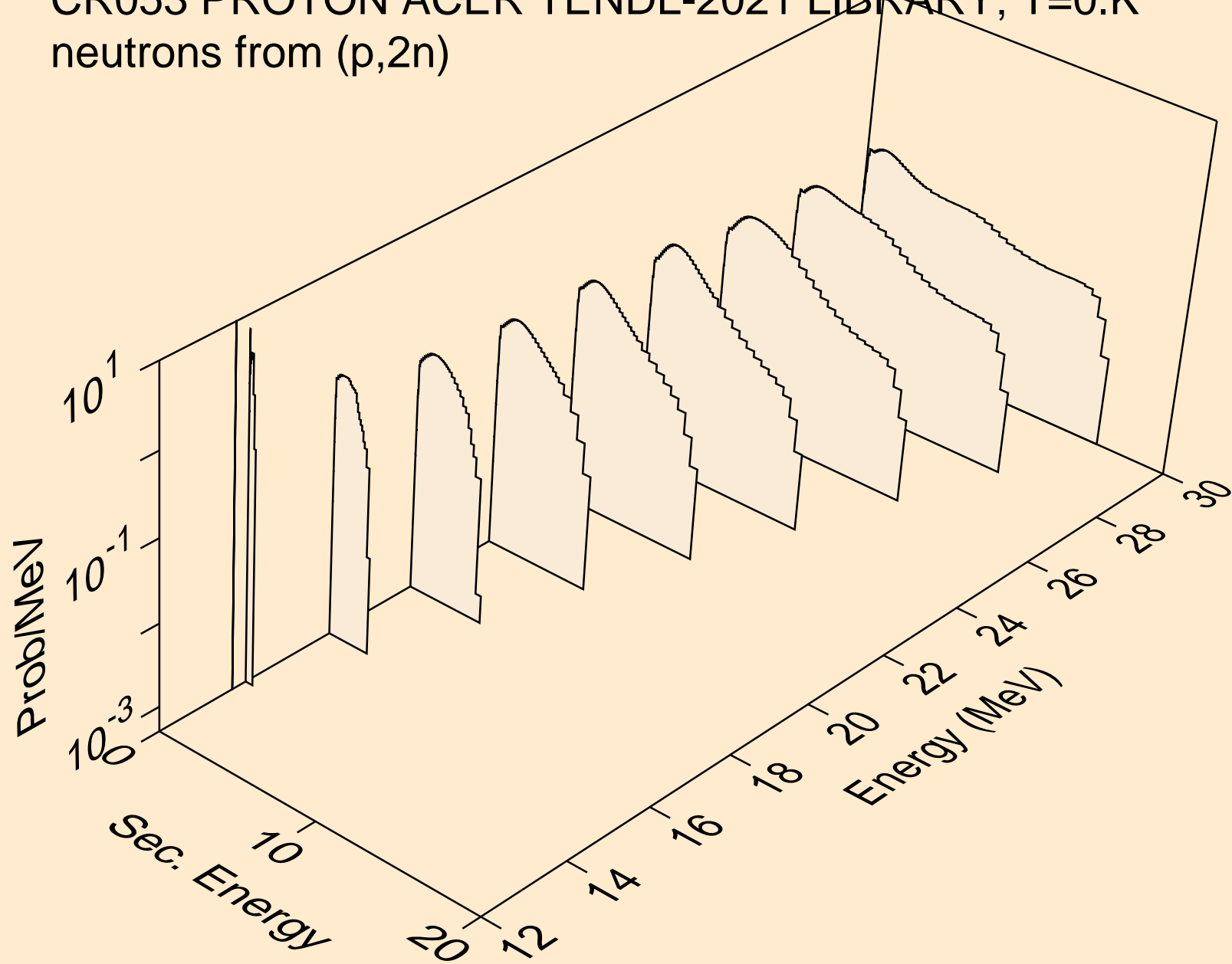
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neutrons from (p,x)



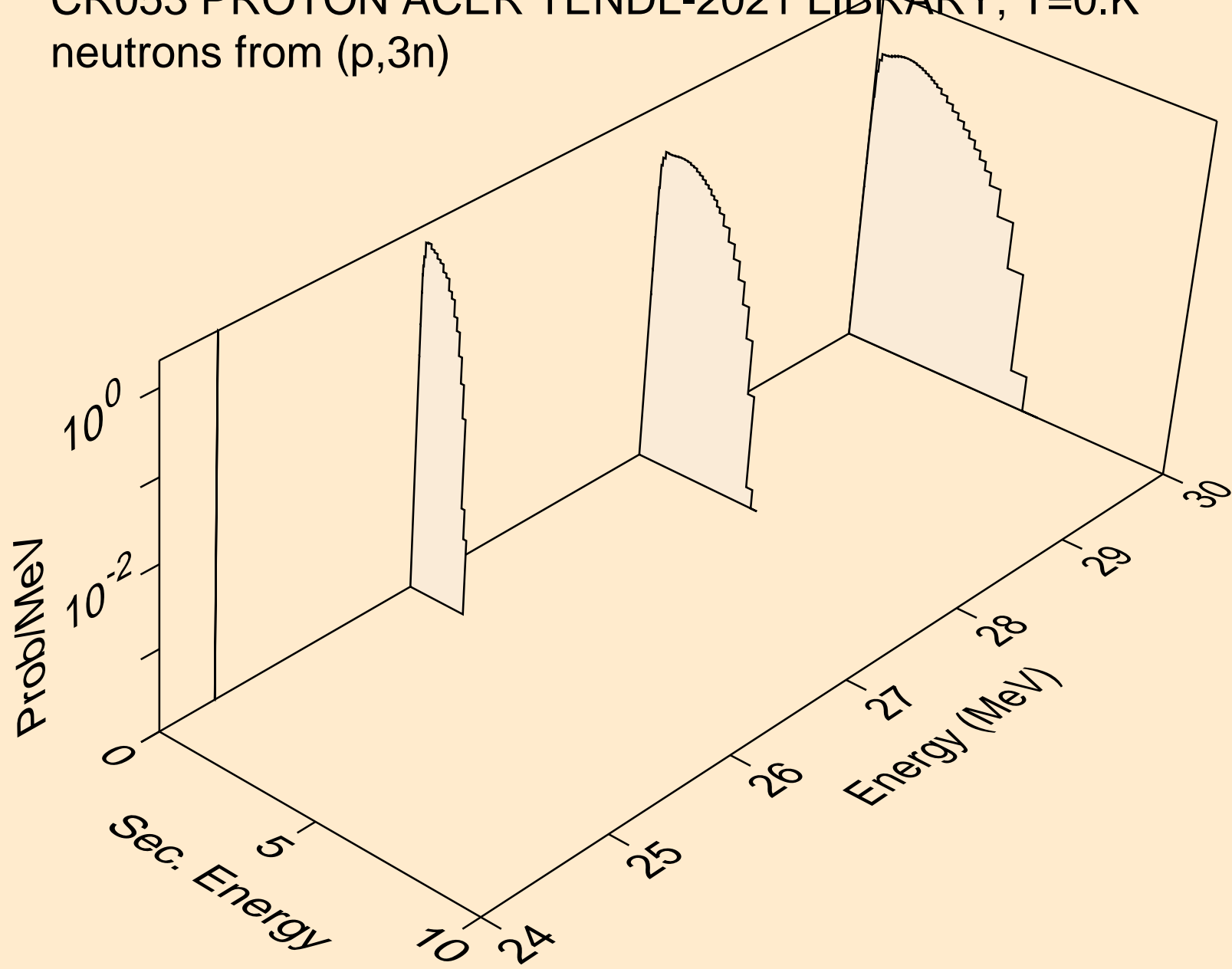
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neutrons from (p,2nd)



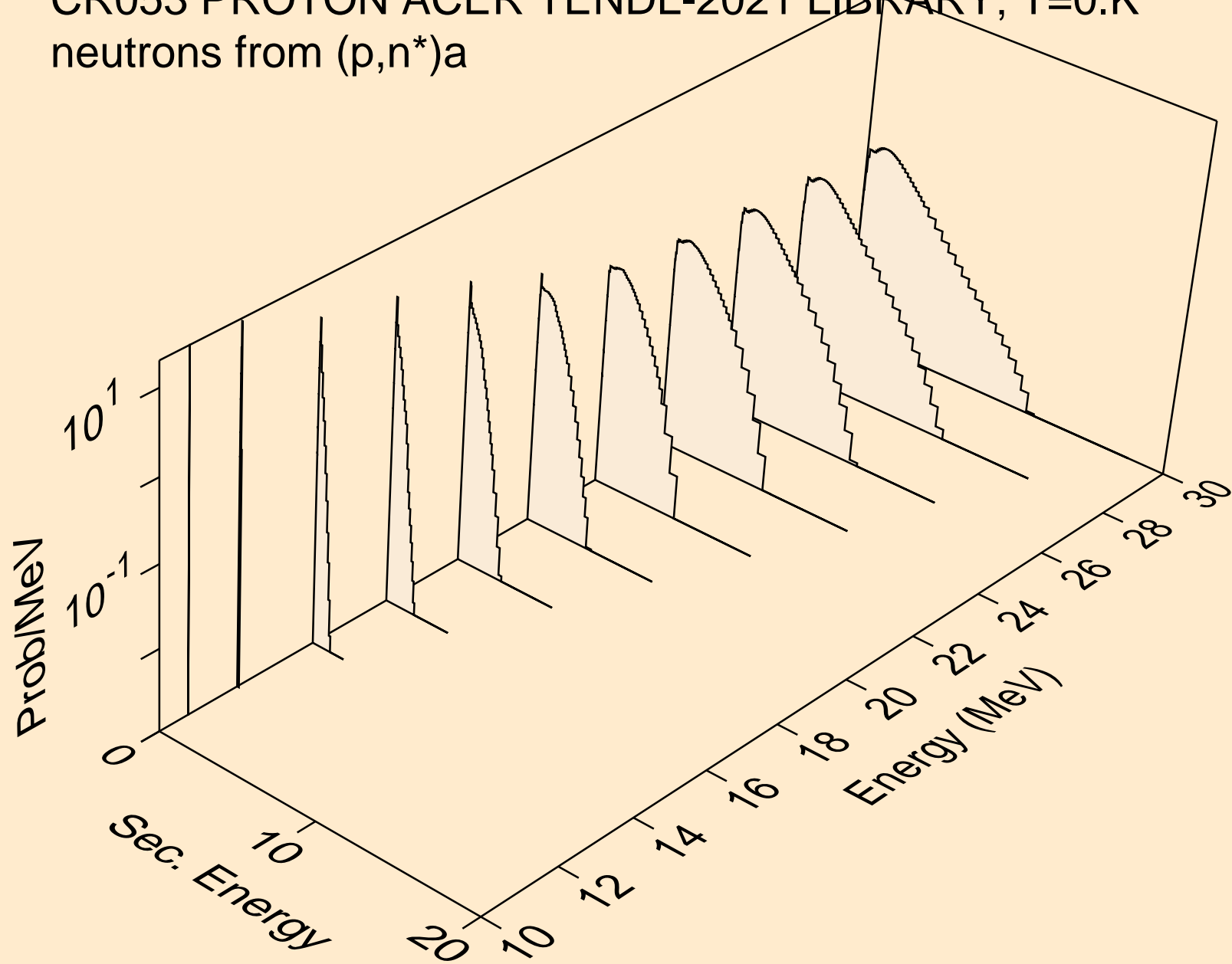
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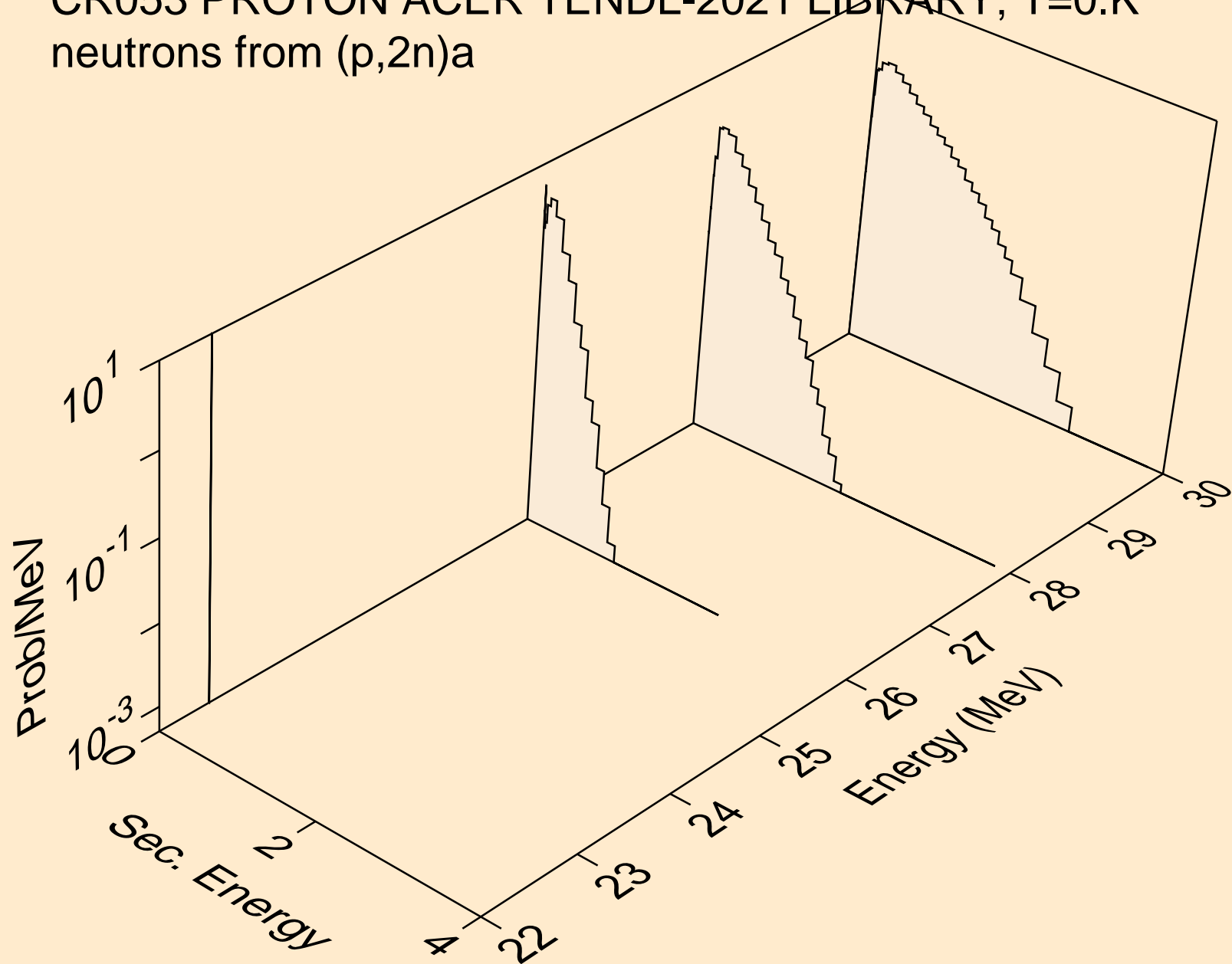
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a

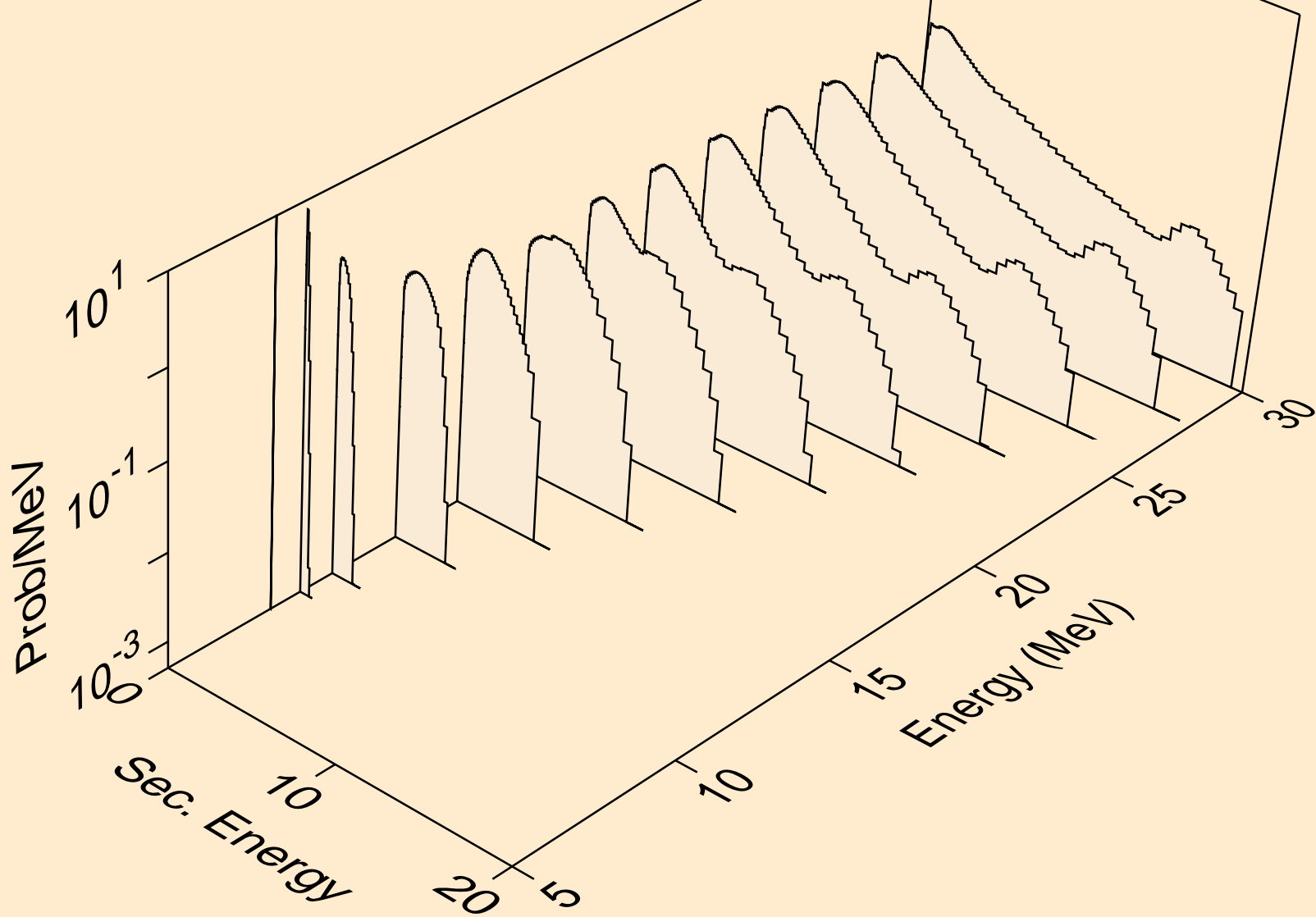


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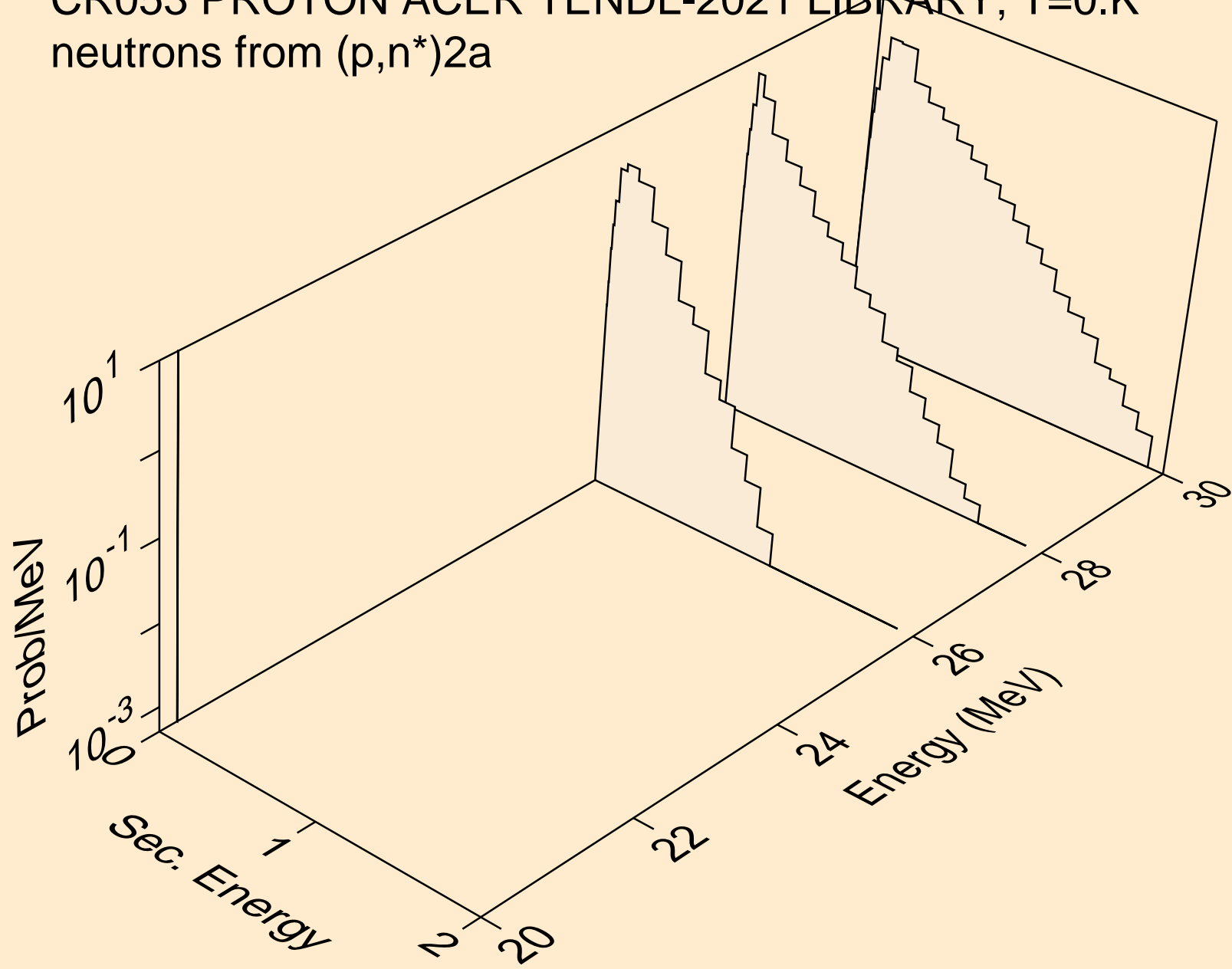




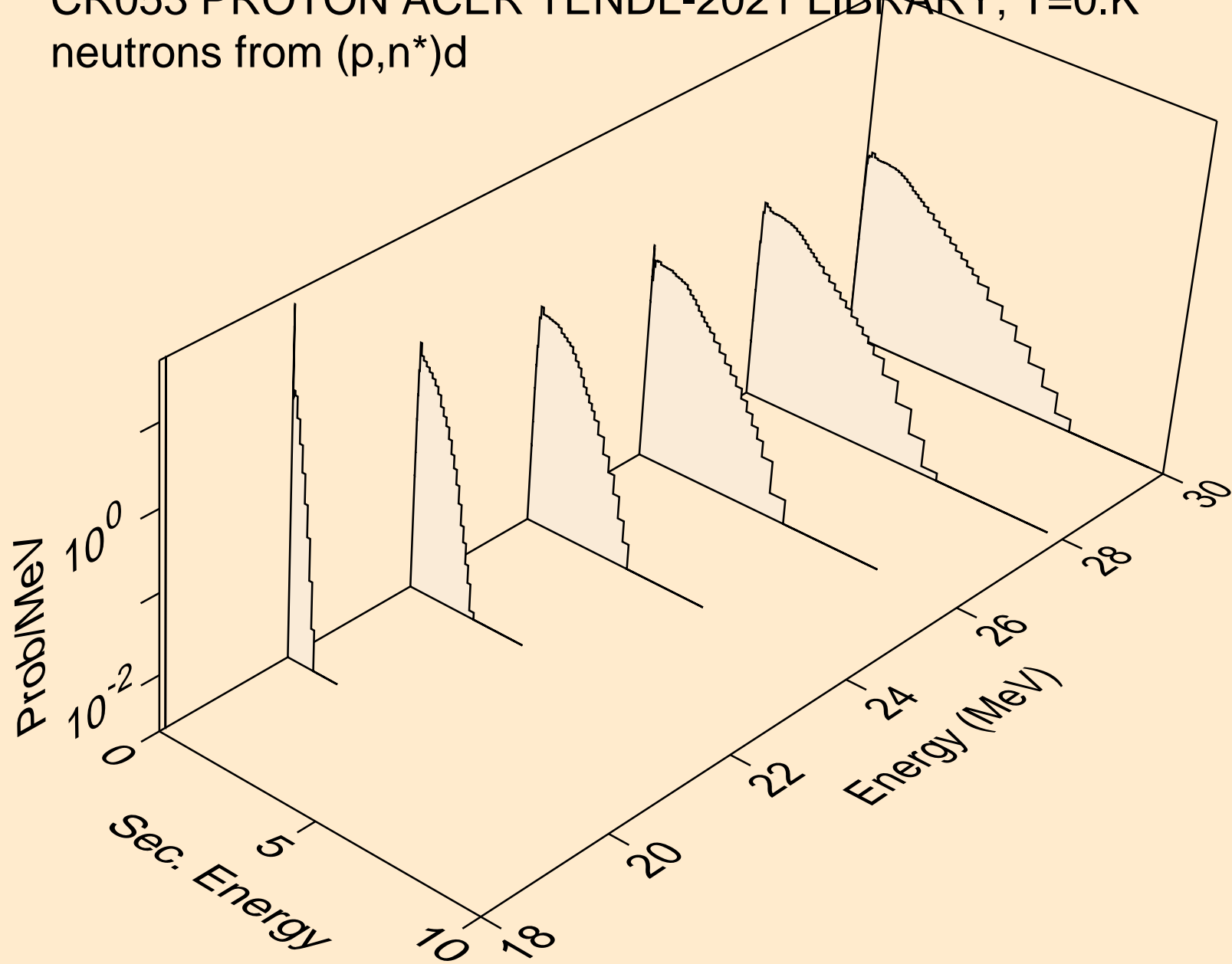
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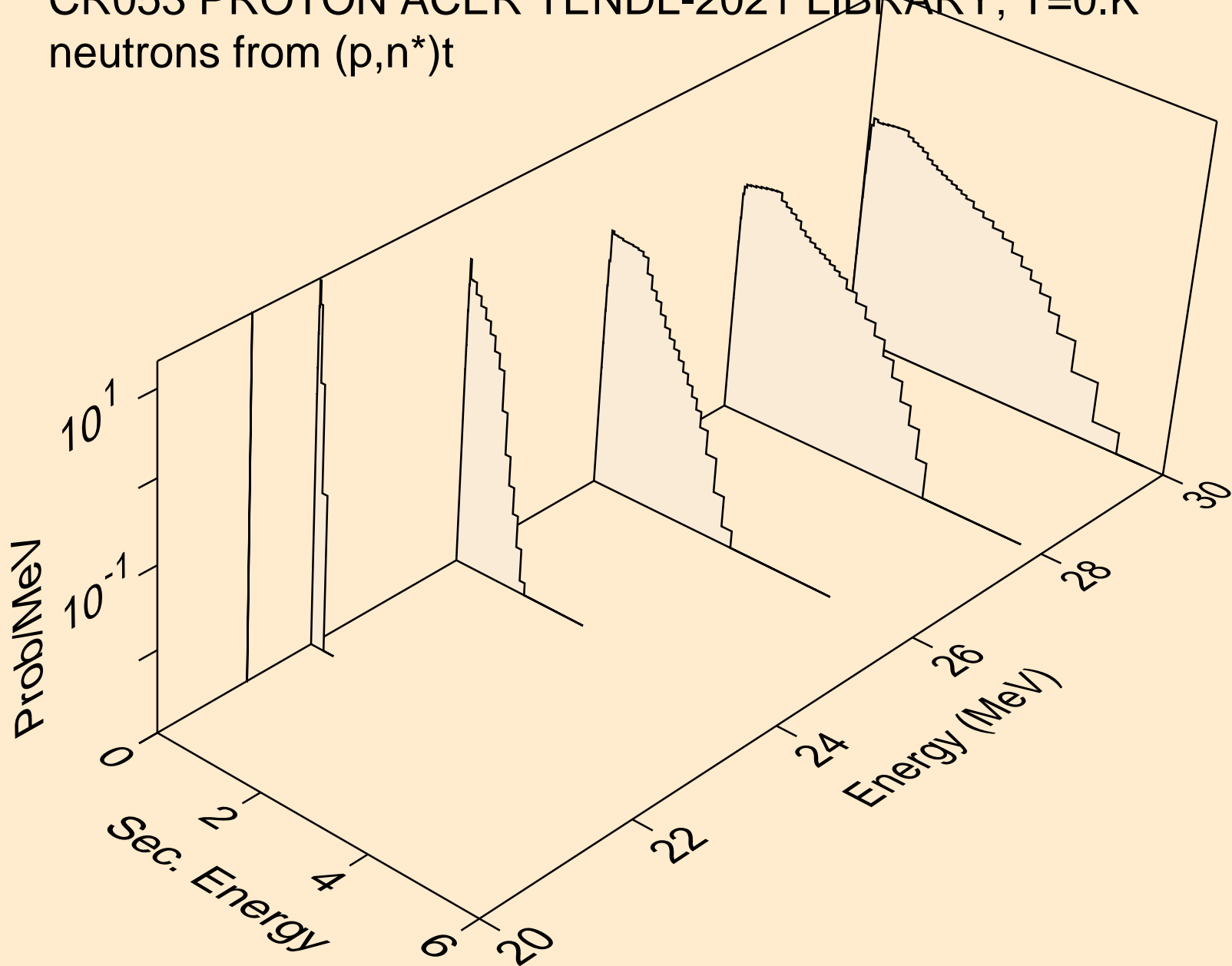
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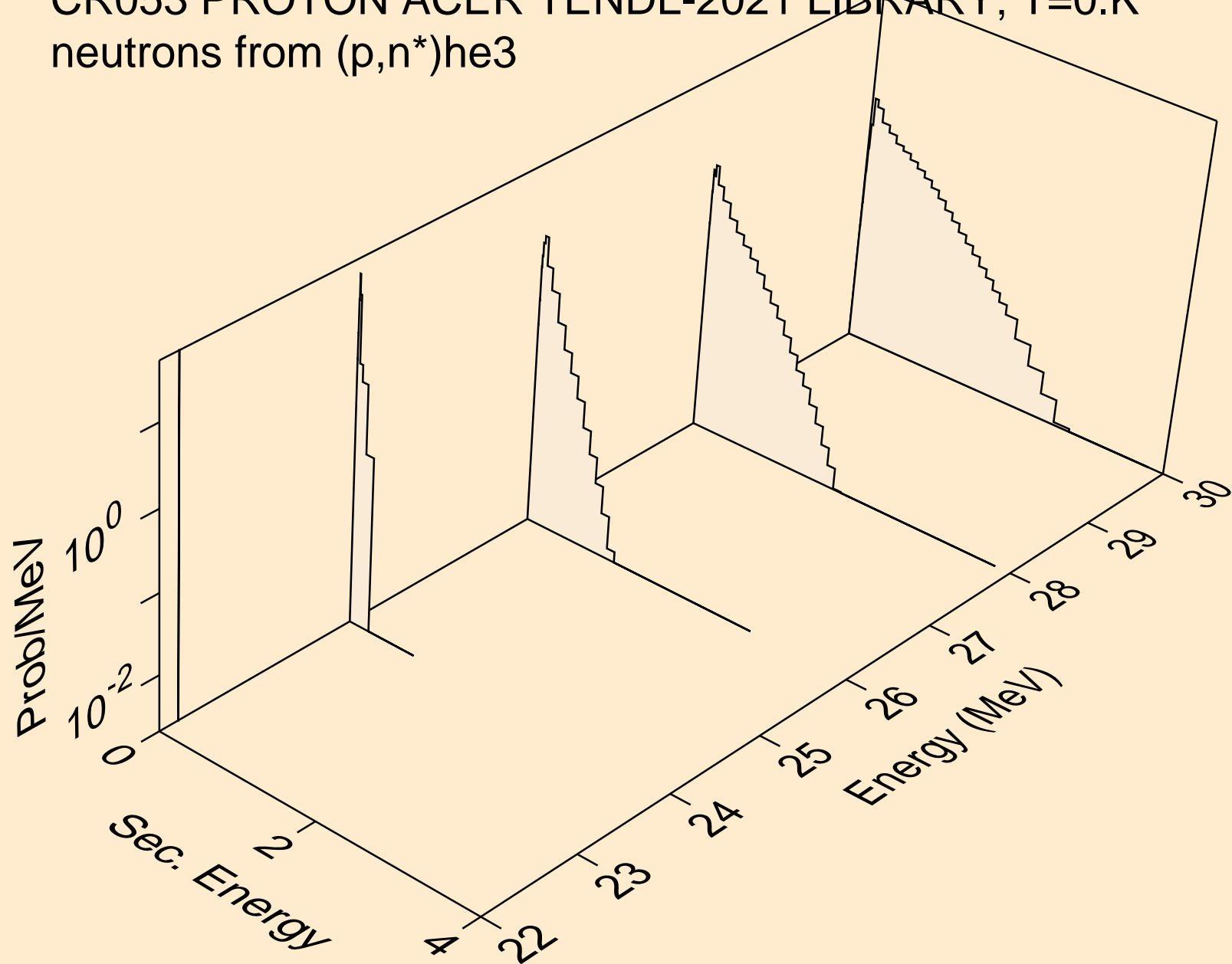
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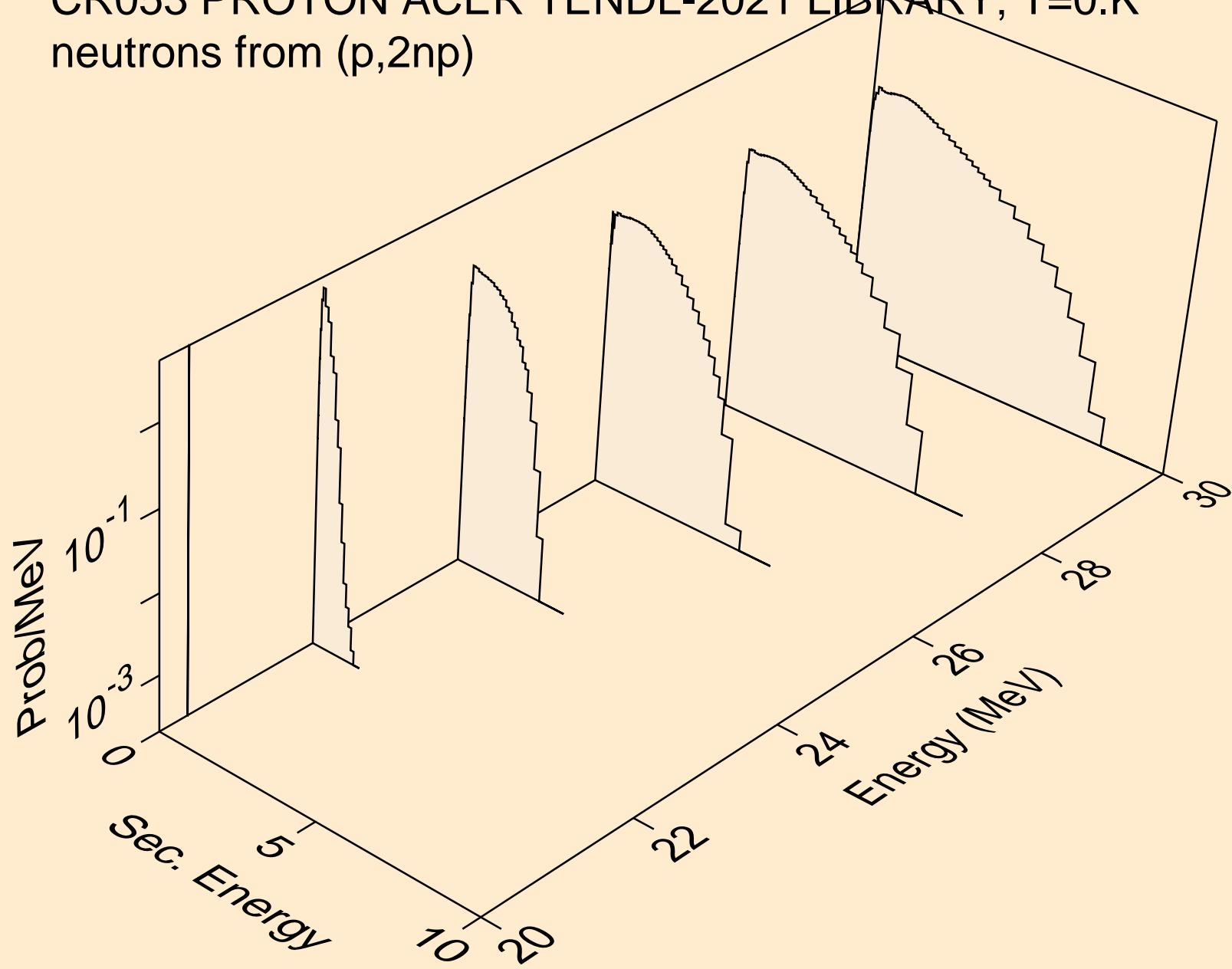
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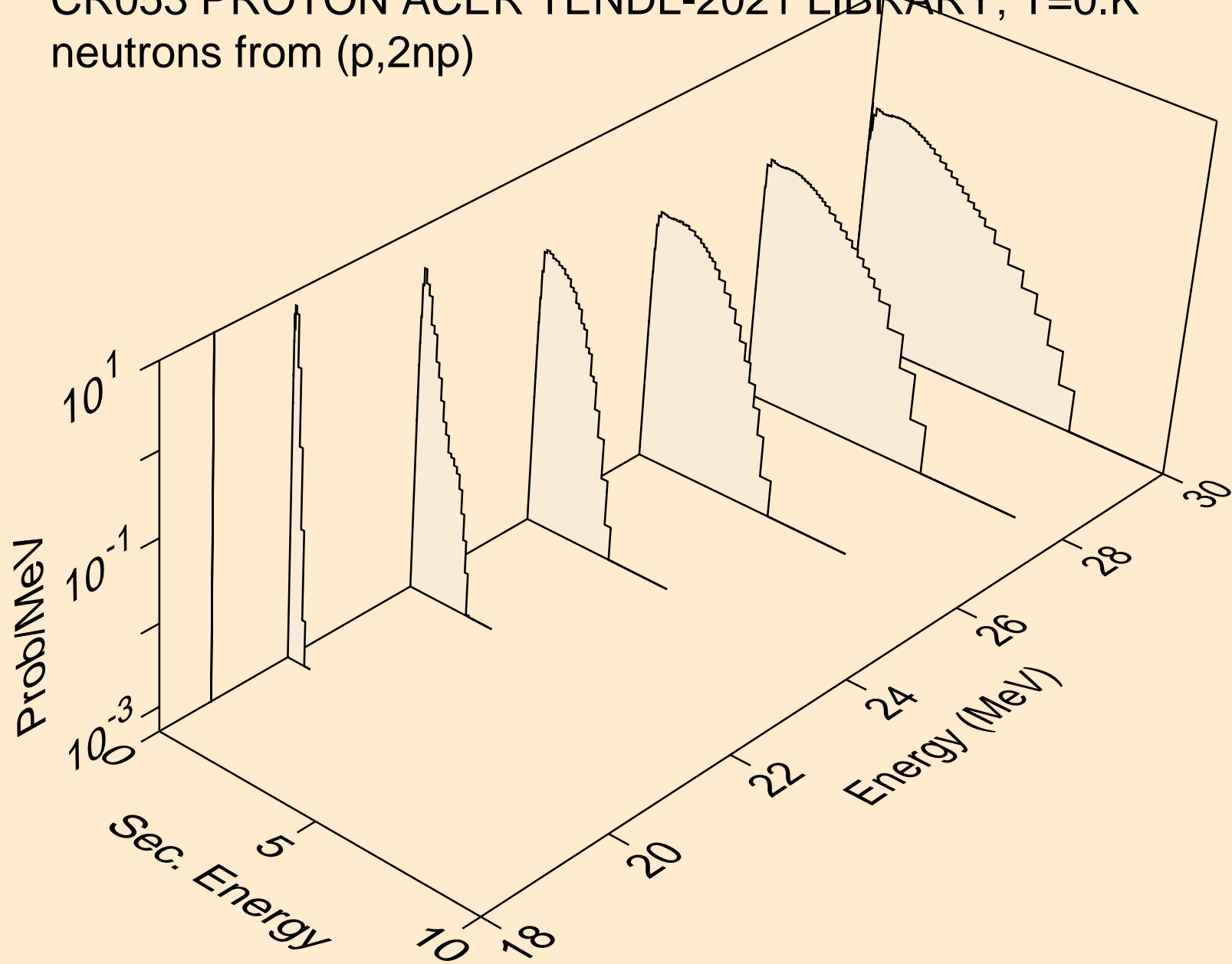
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neutrons from (p,n\*)he3



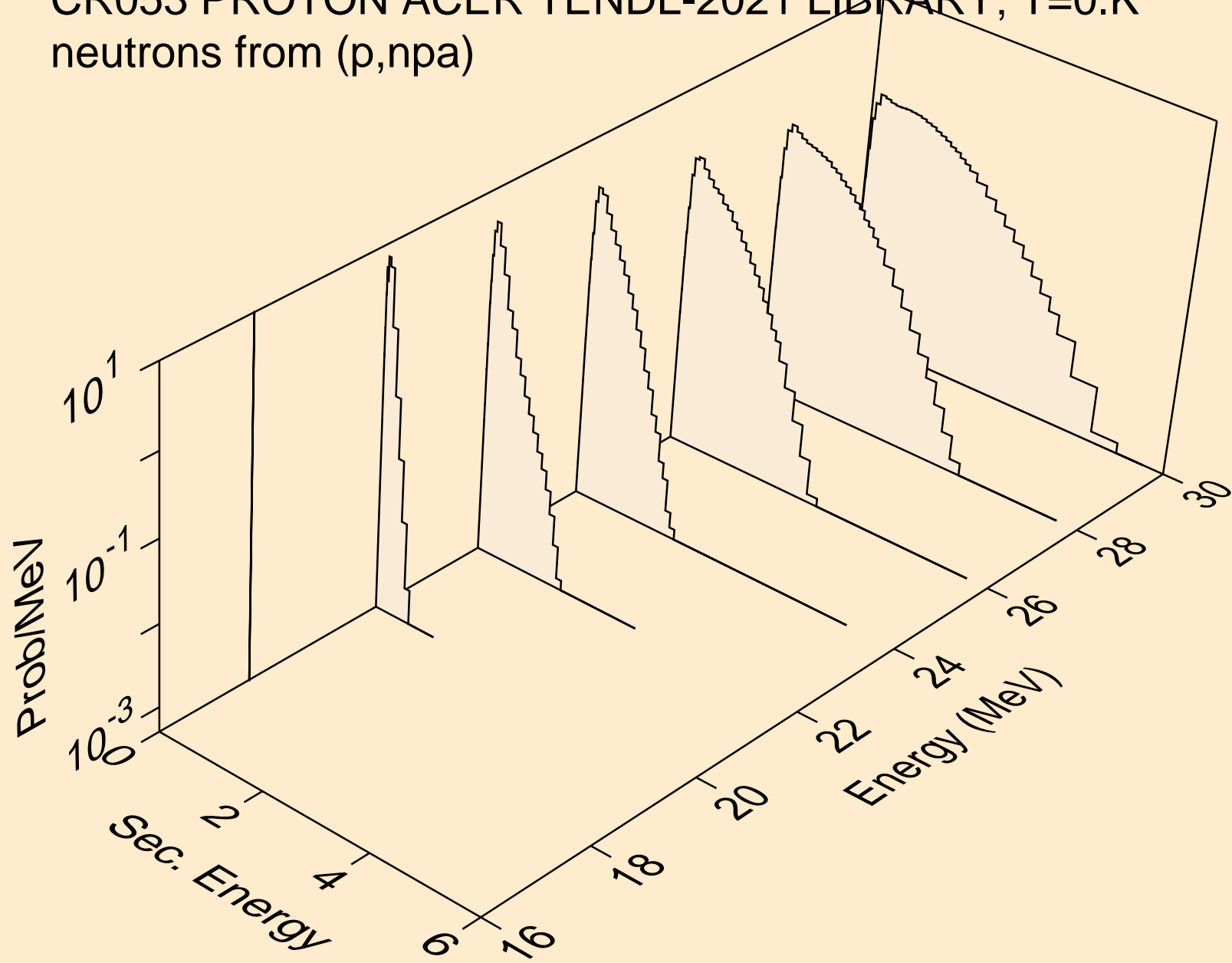
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neutrons from (p,2np)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

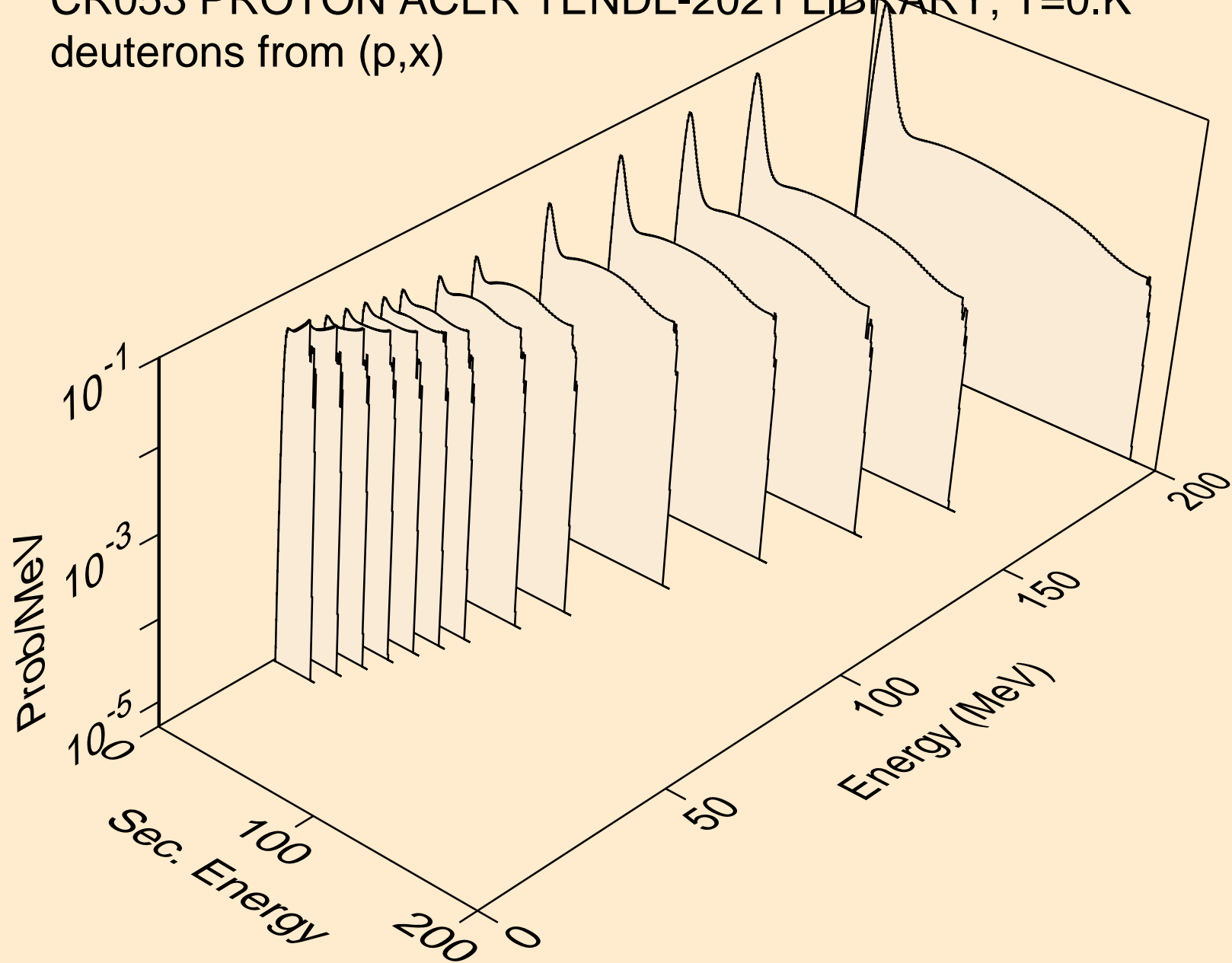


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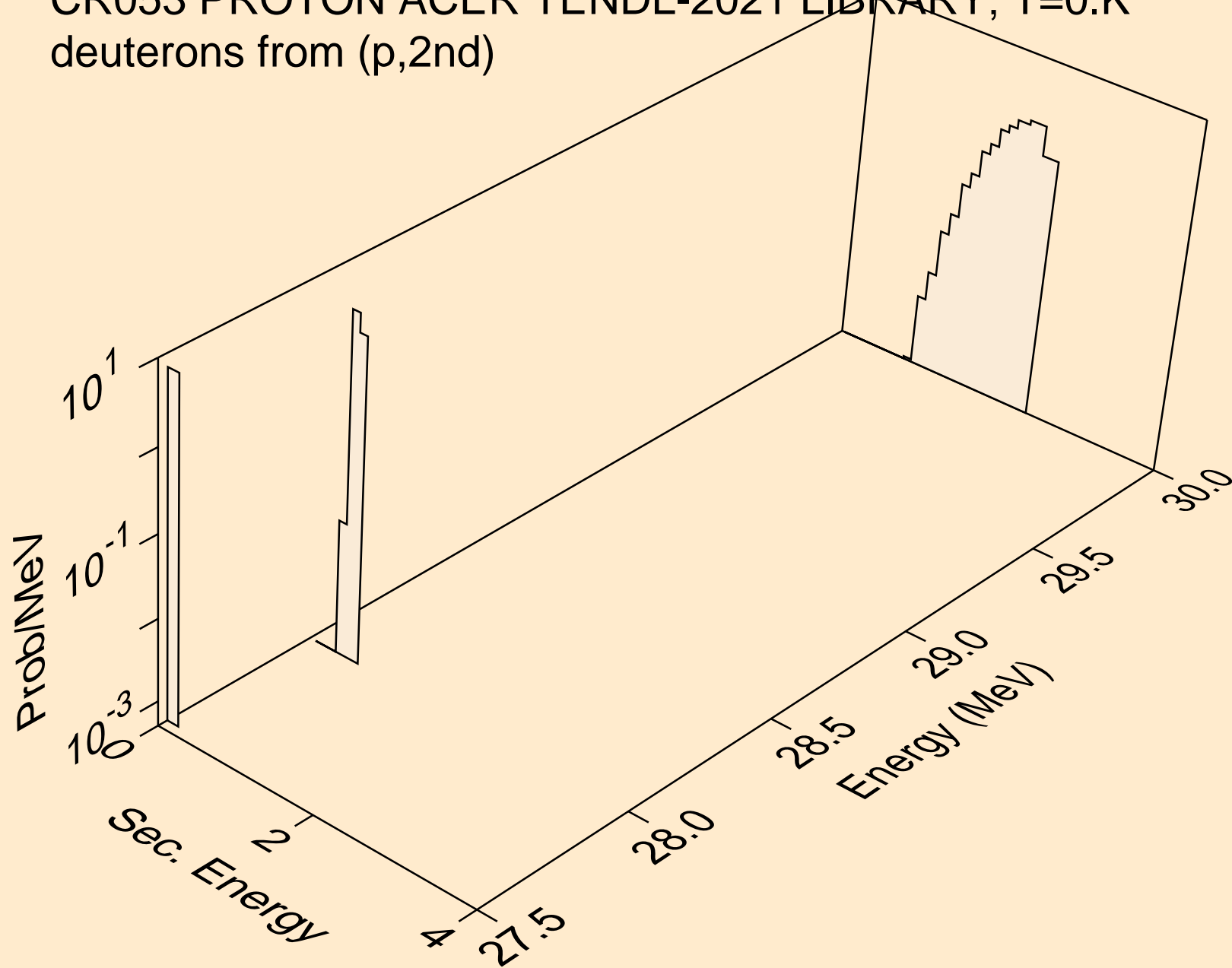




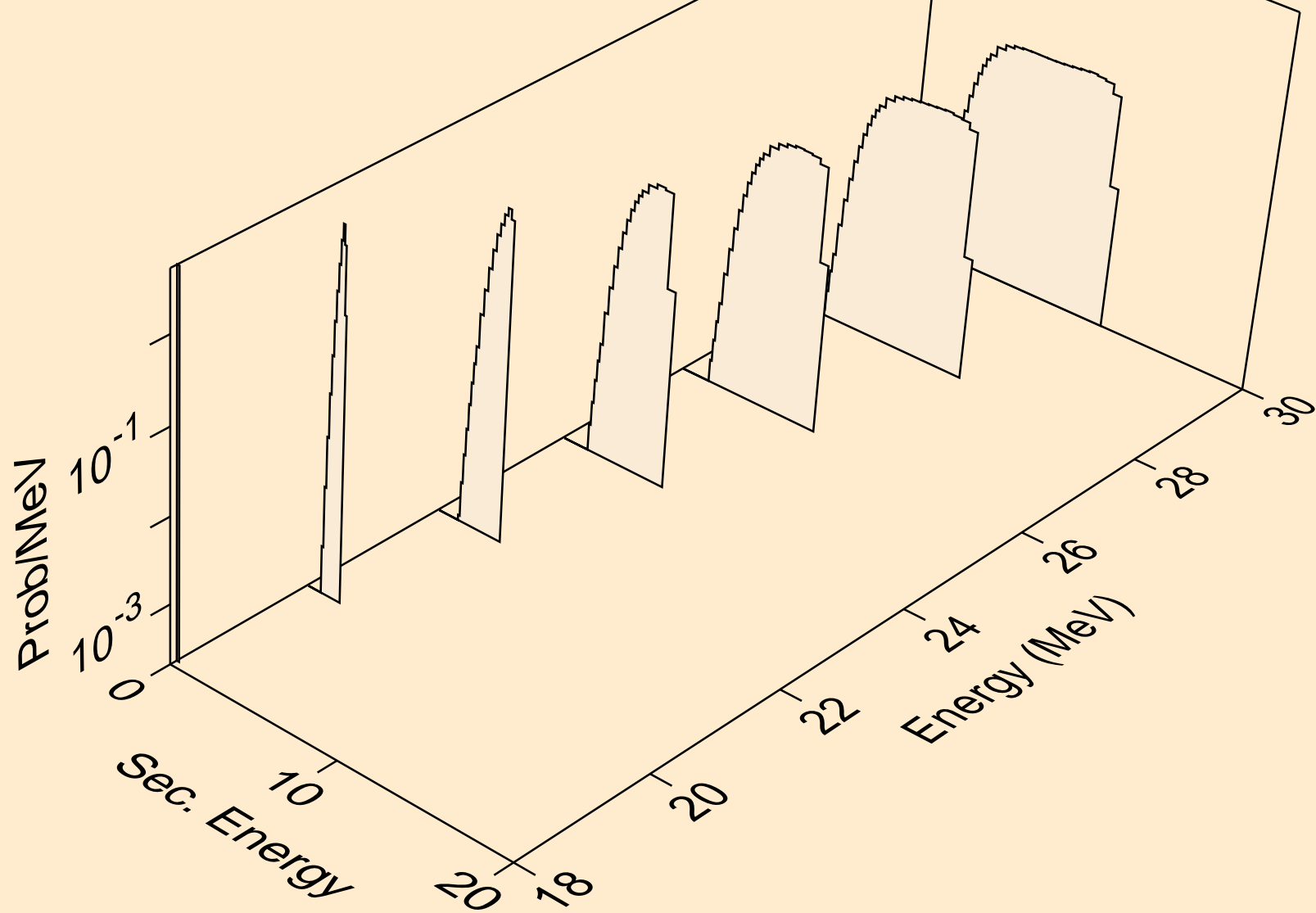
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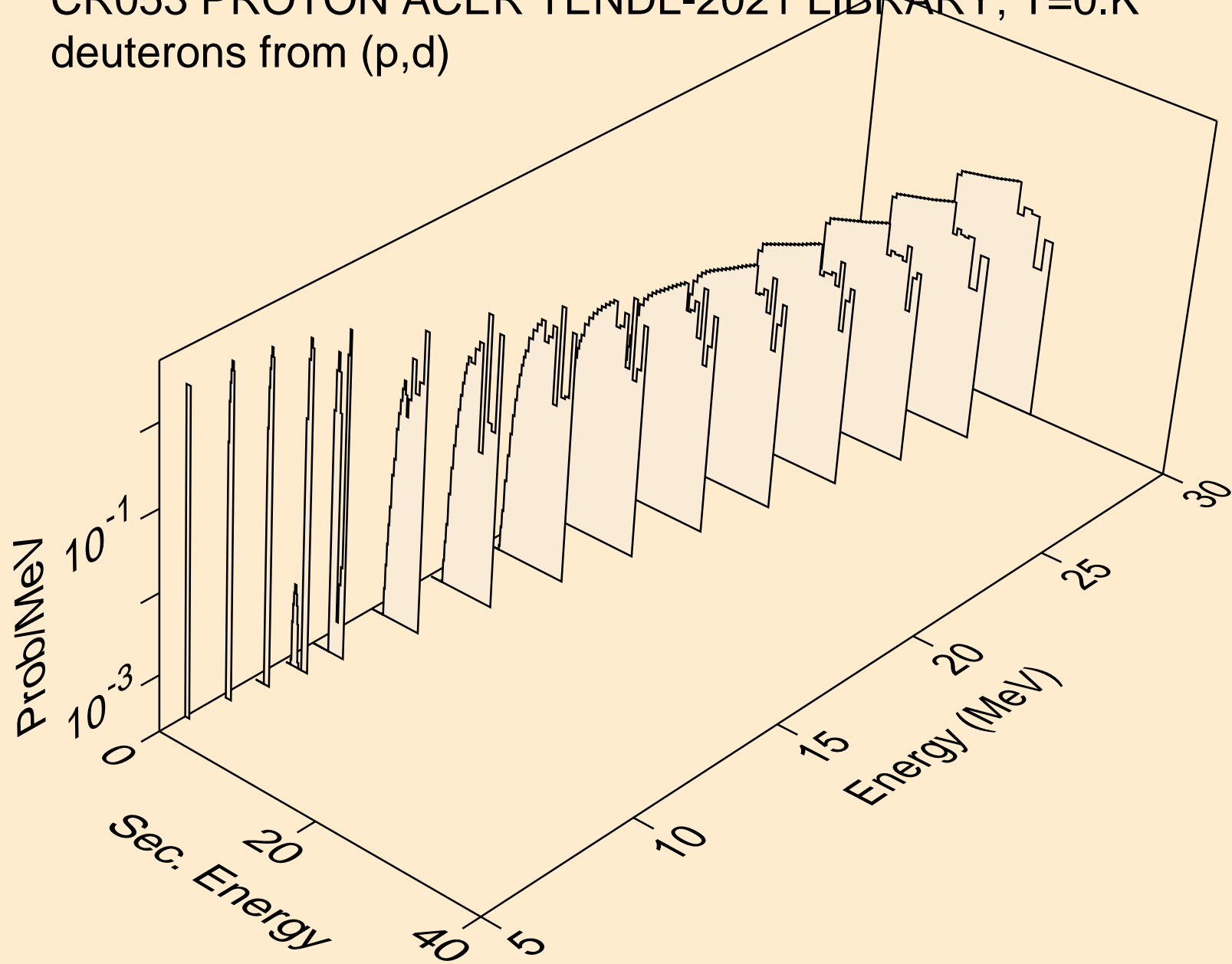
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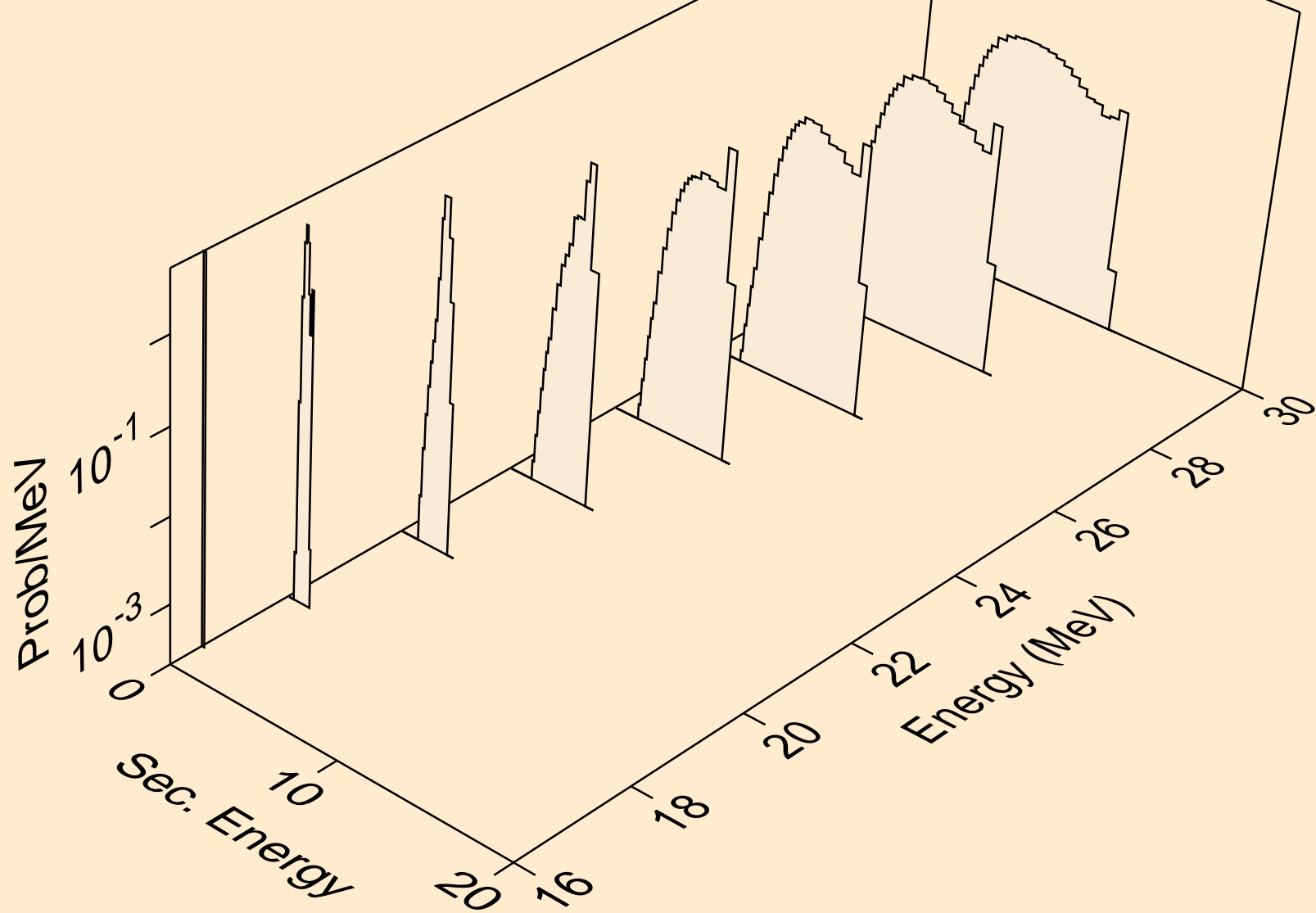
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deuterons from (p,n\*)d



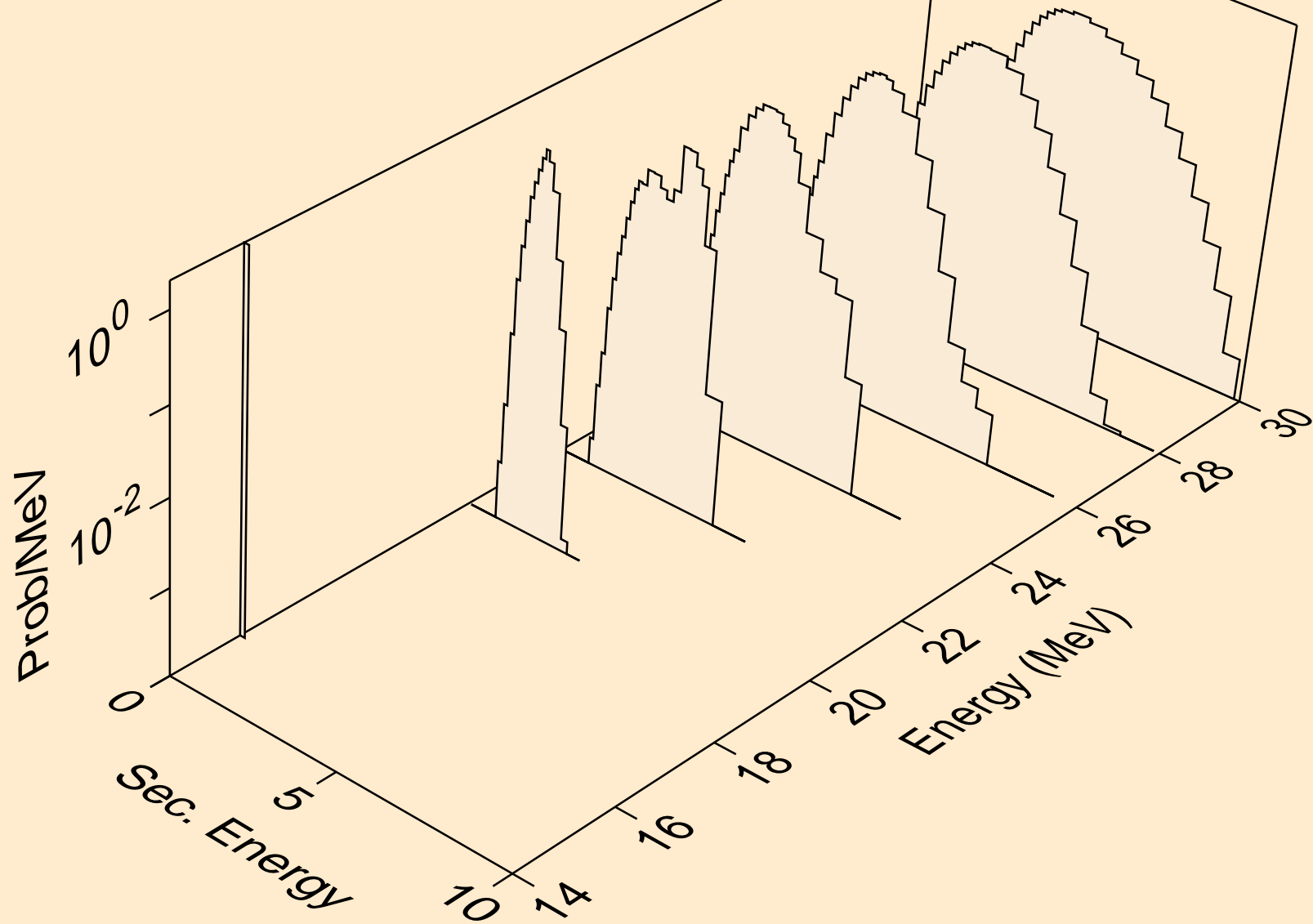
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deuterons from (p,d)



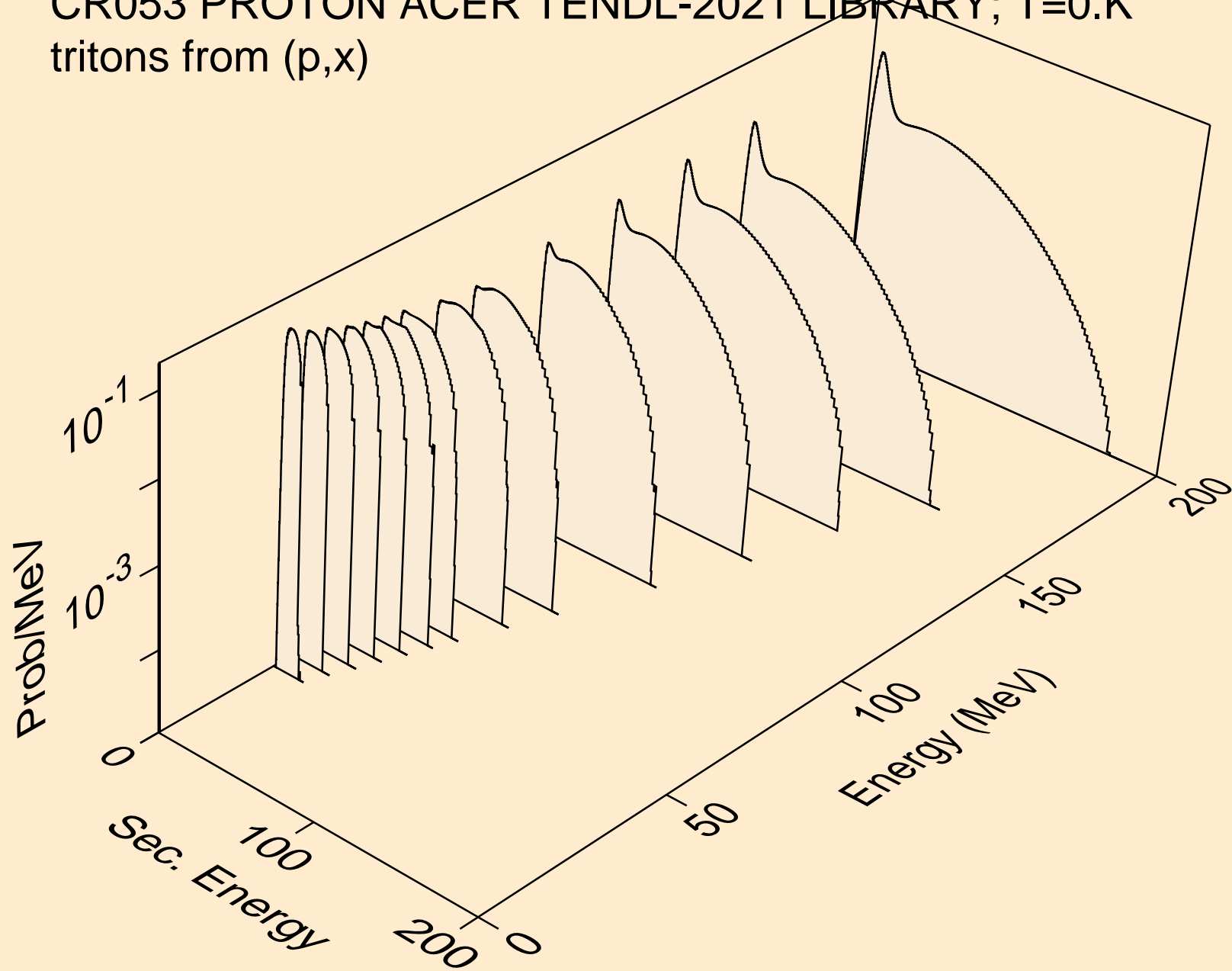
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deuterons from (p,pd)



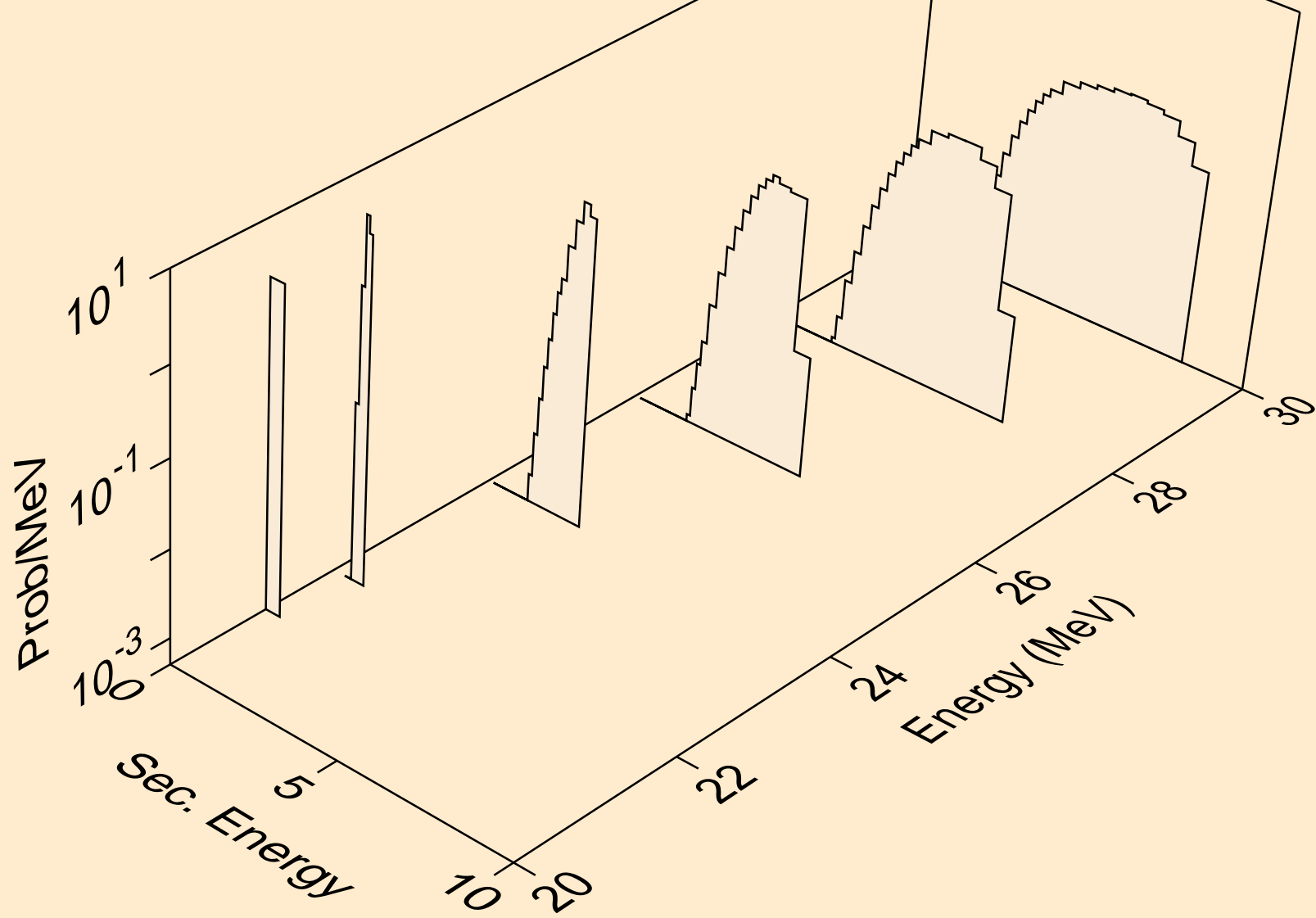
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

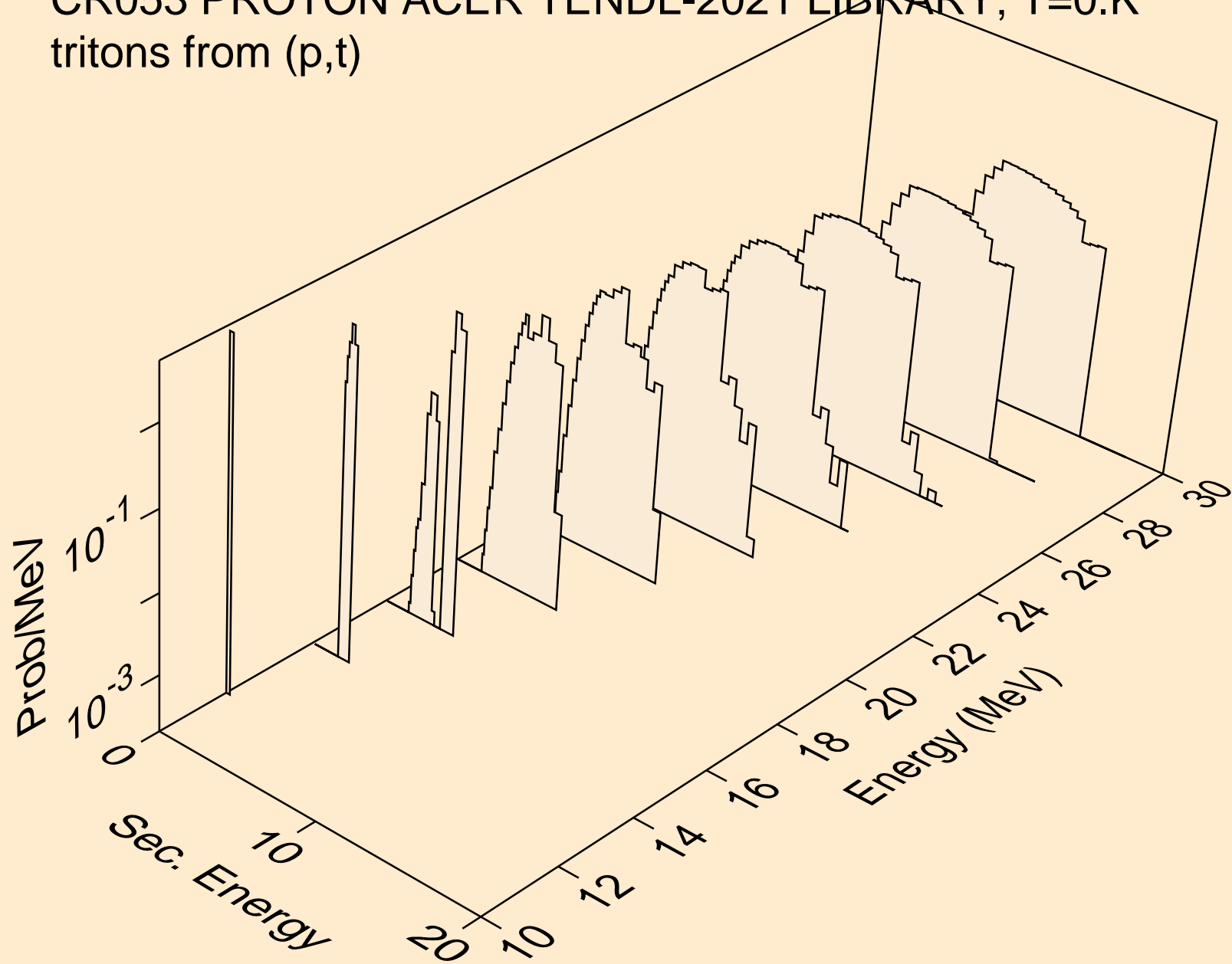


CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

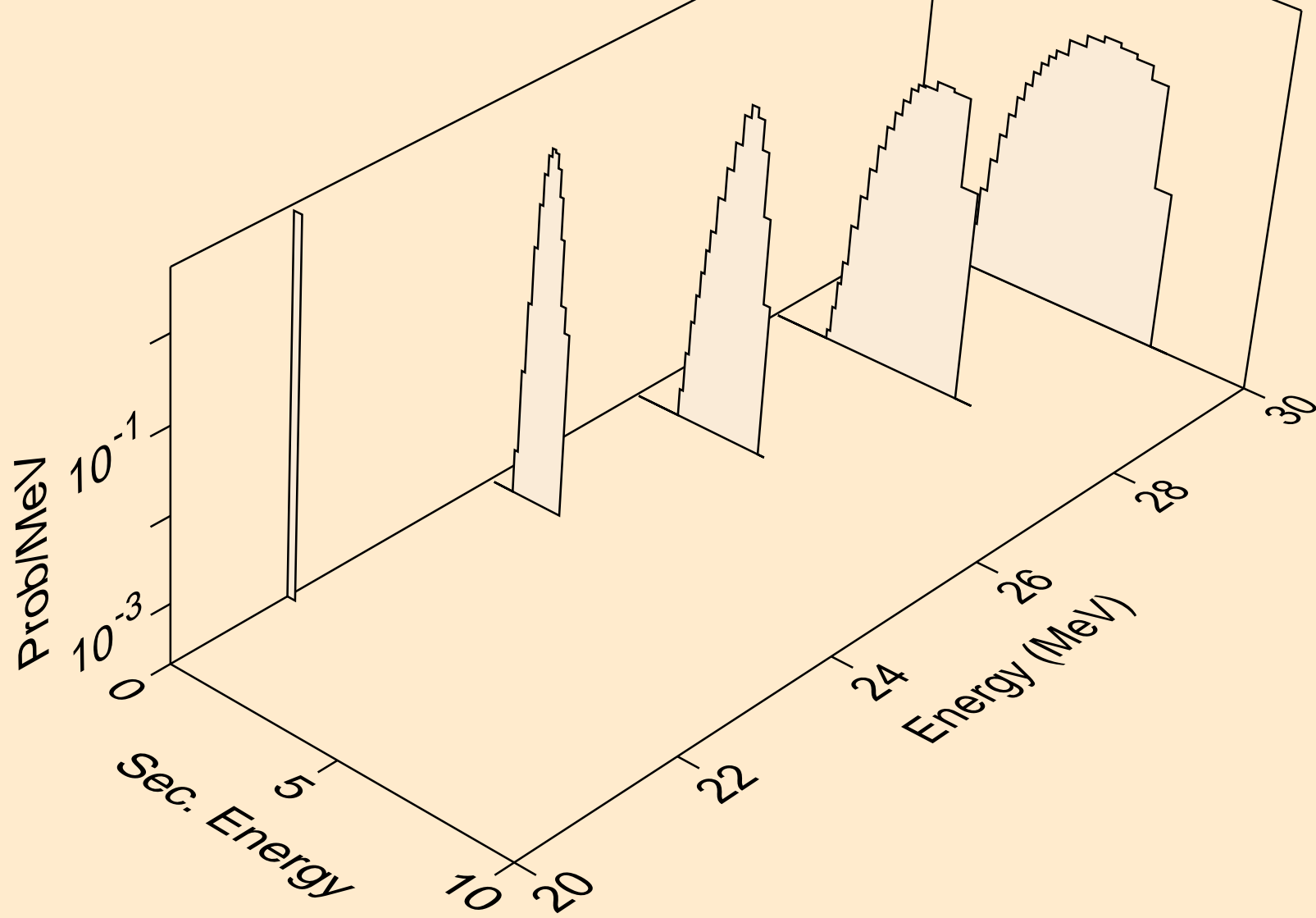




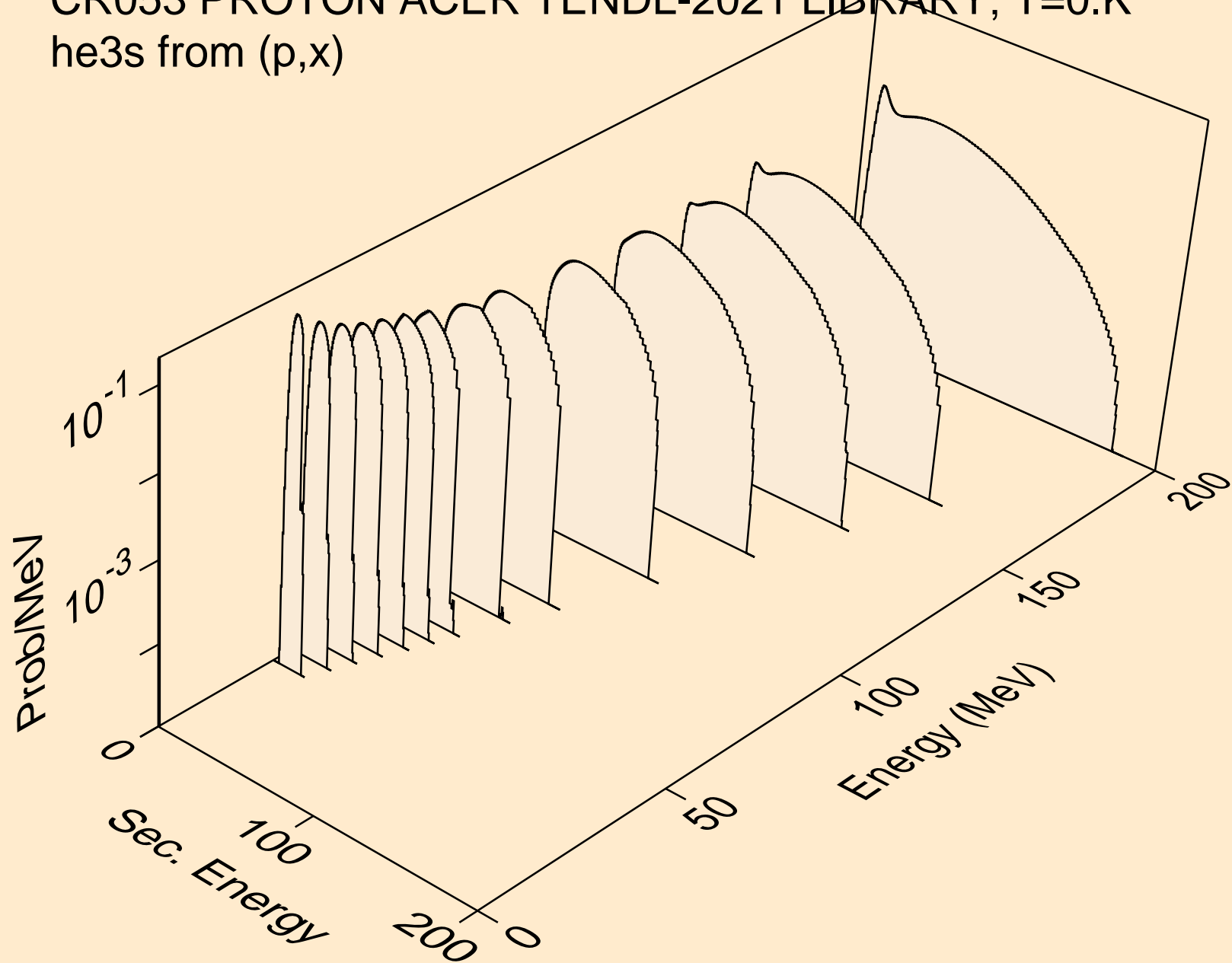
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tritons from (p,t)



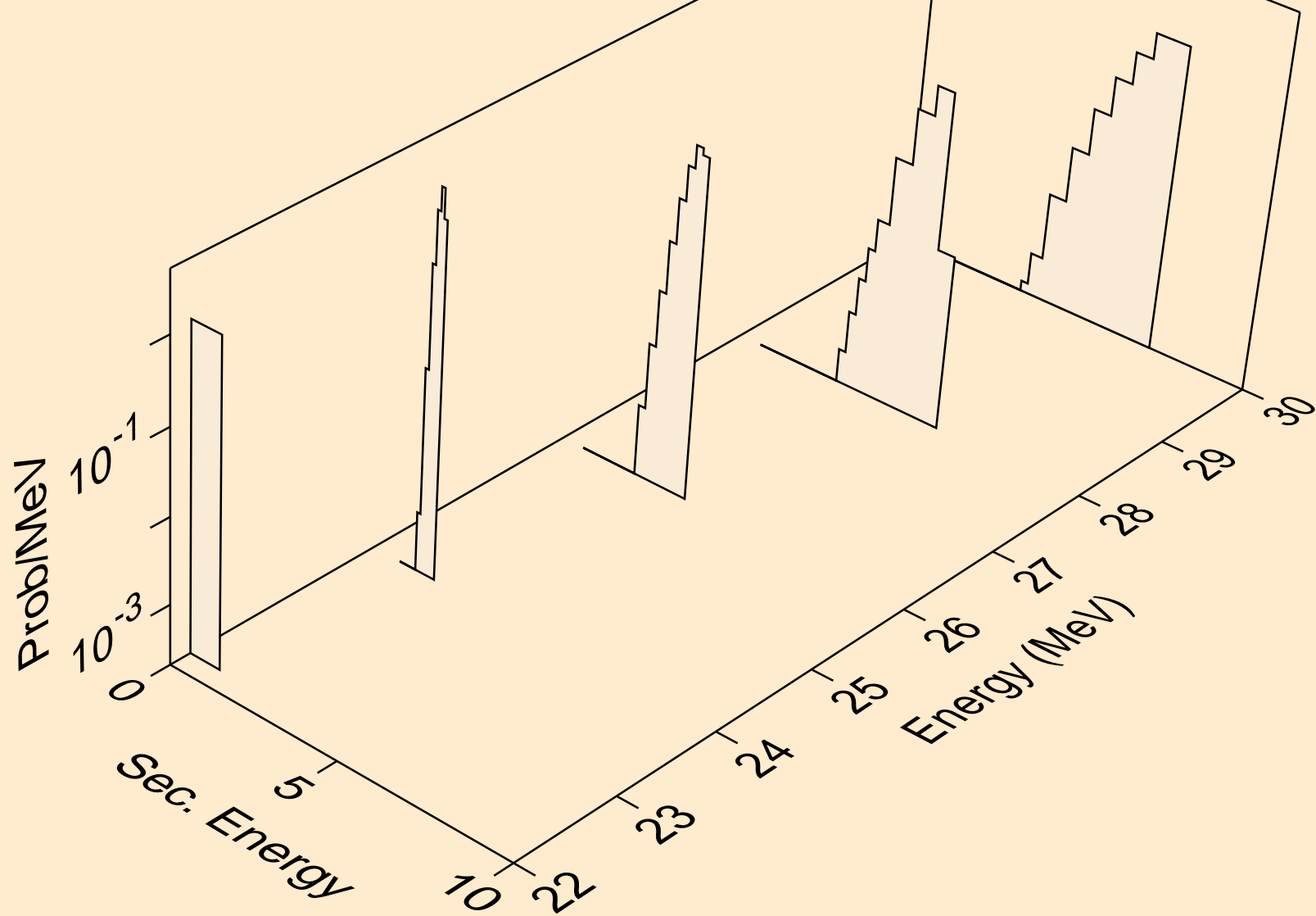
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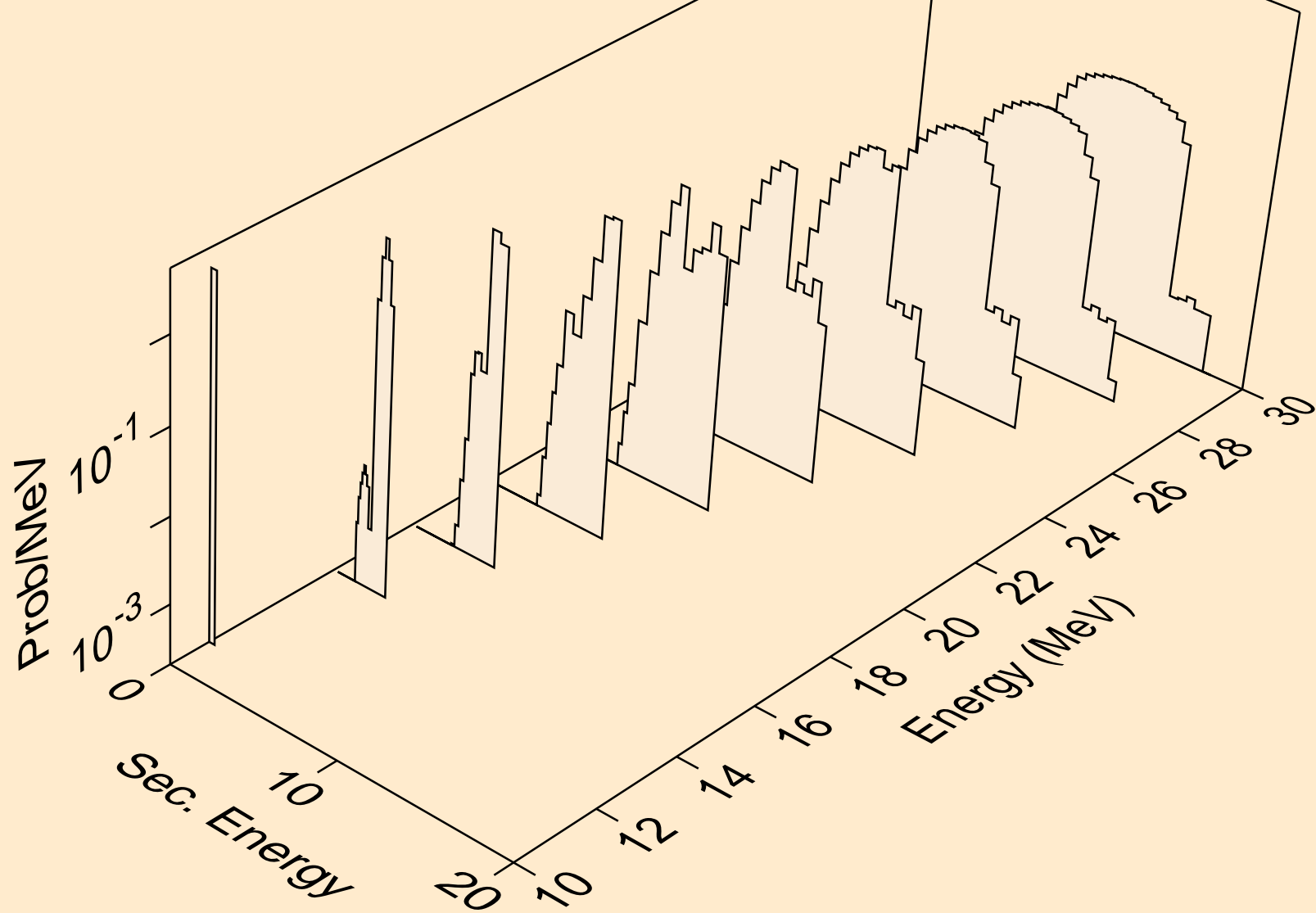
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he3s from (p,x)



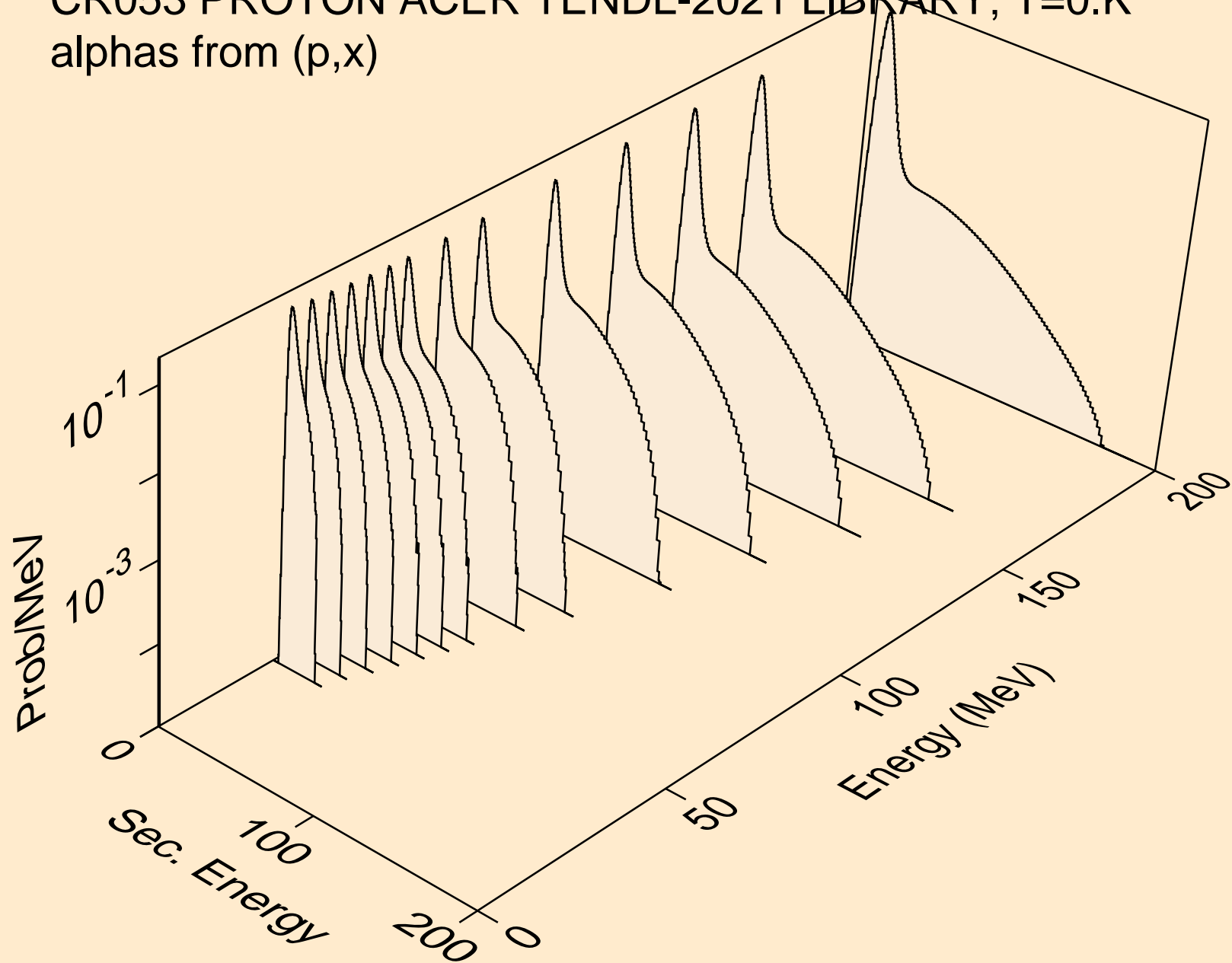
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he3s from (p,n\*)he3



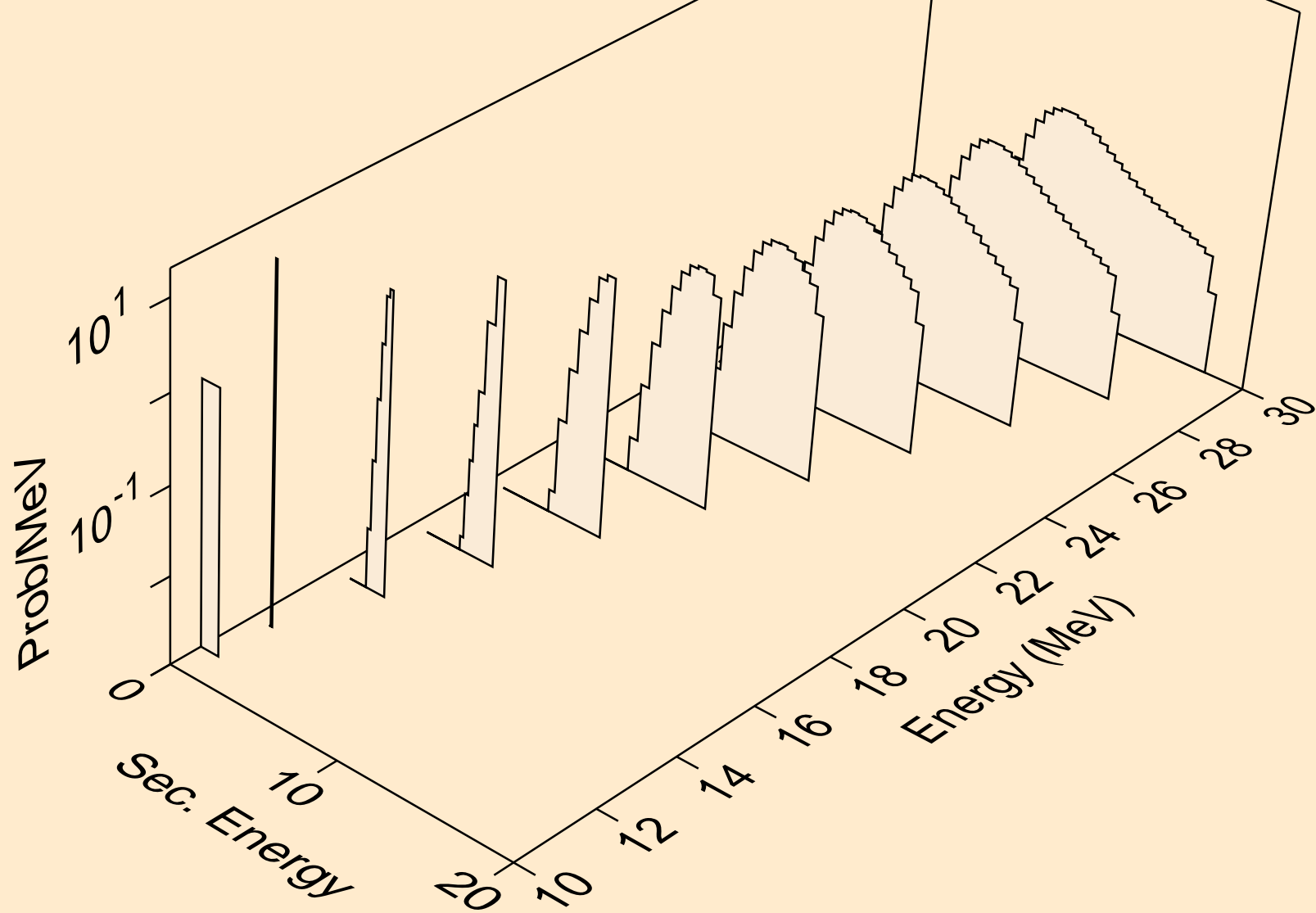
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he3s from (p,he3)



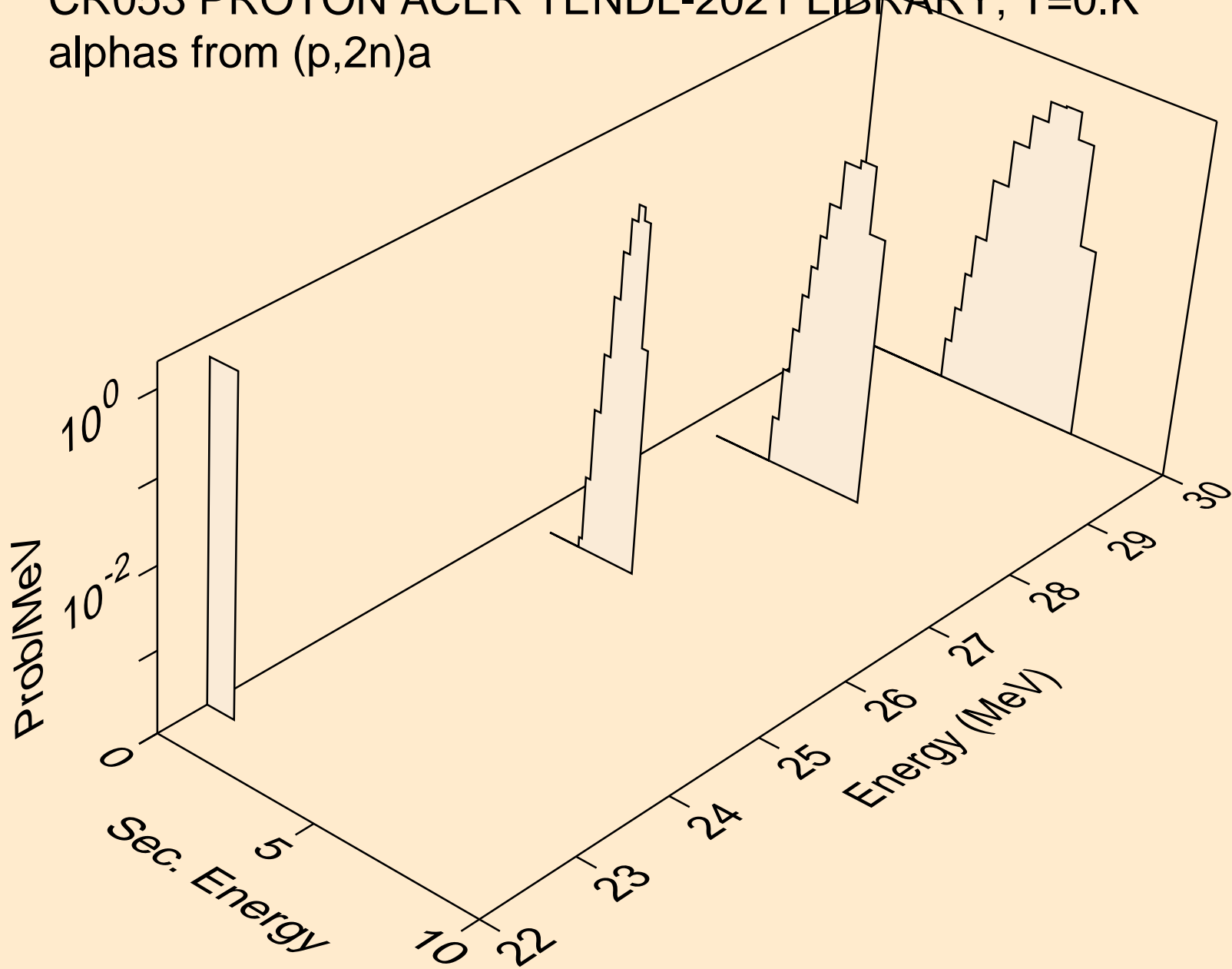
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

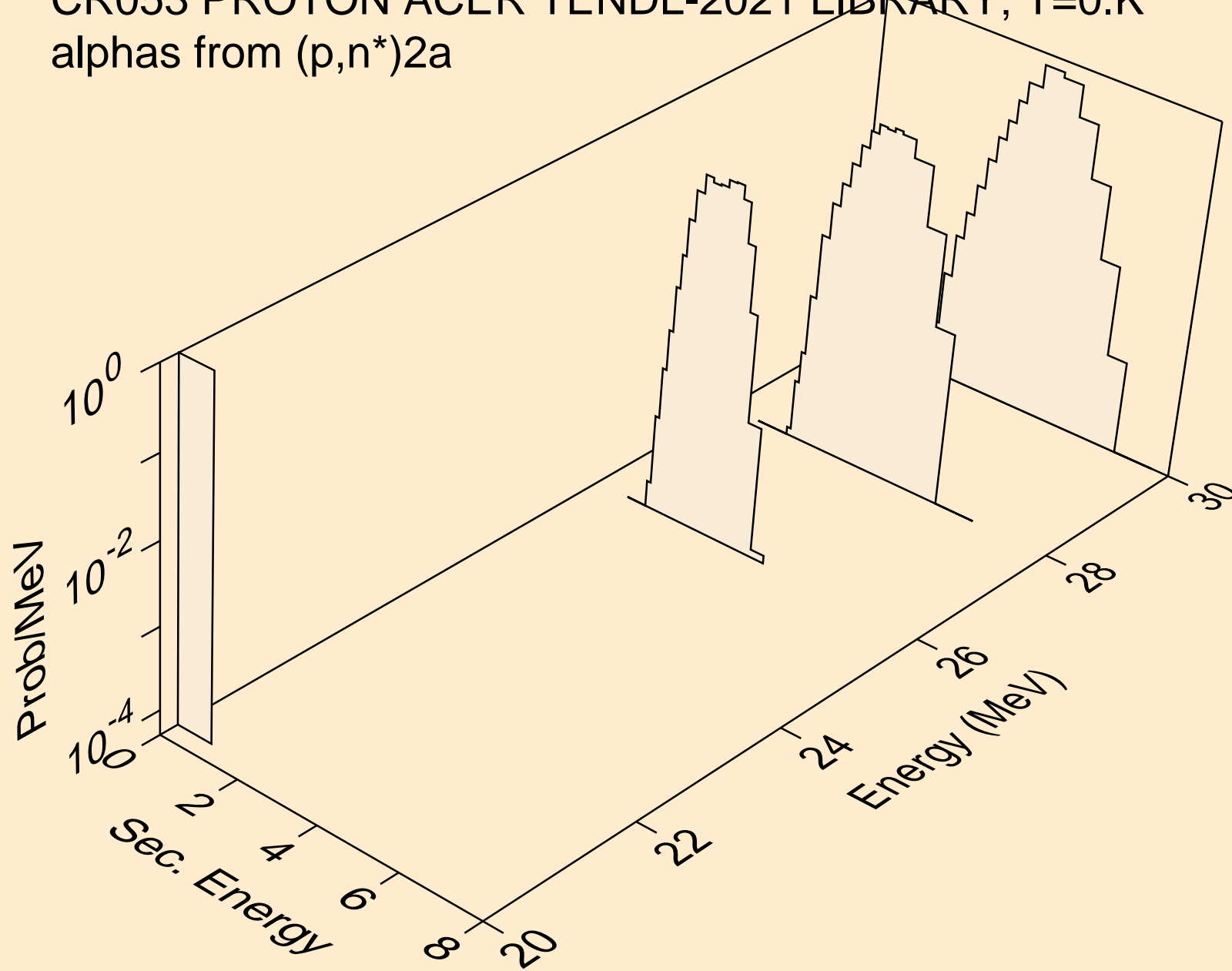


CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

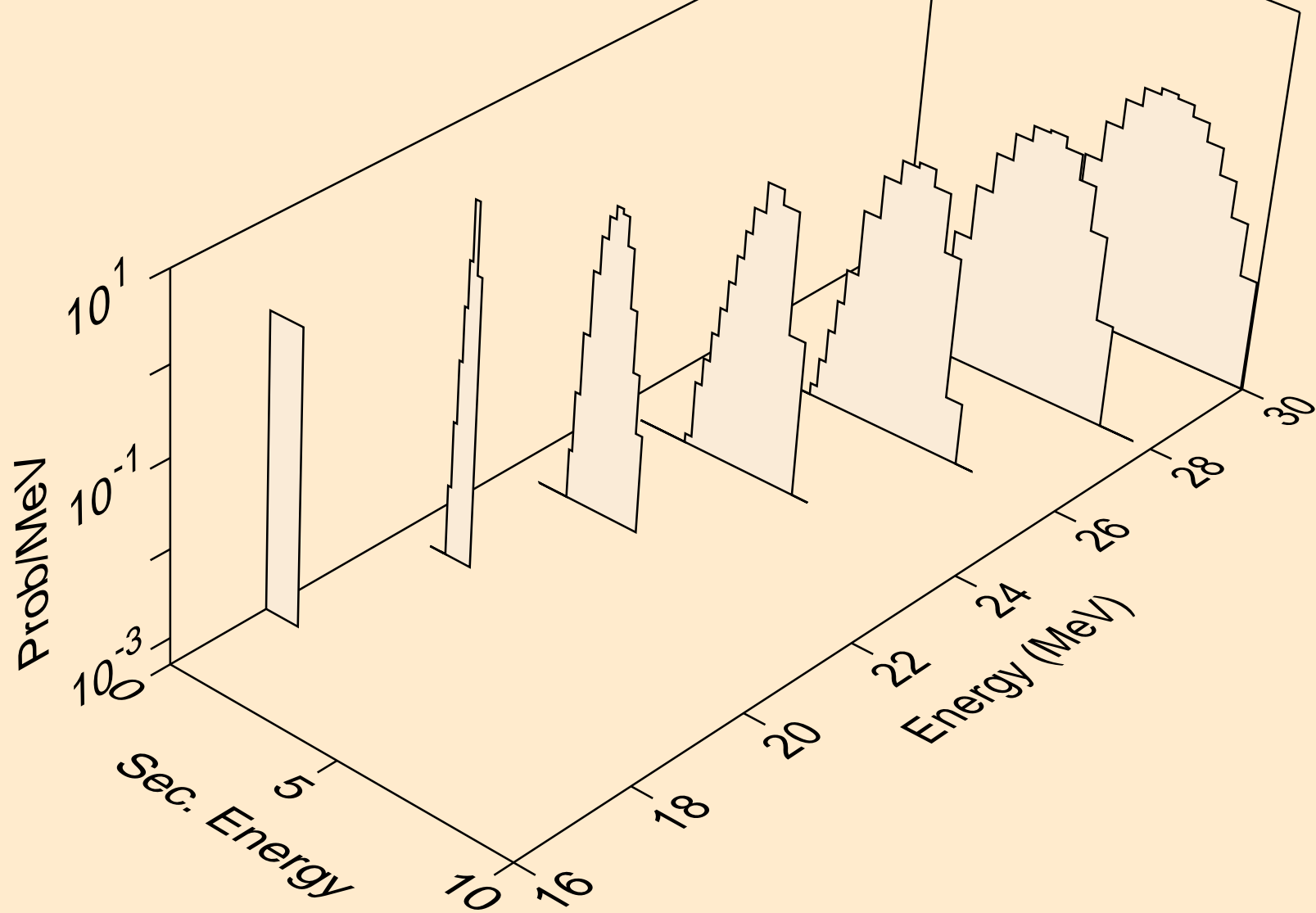




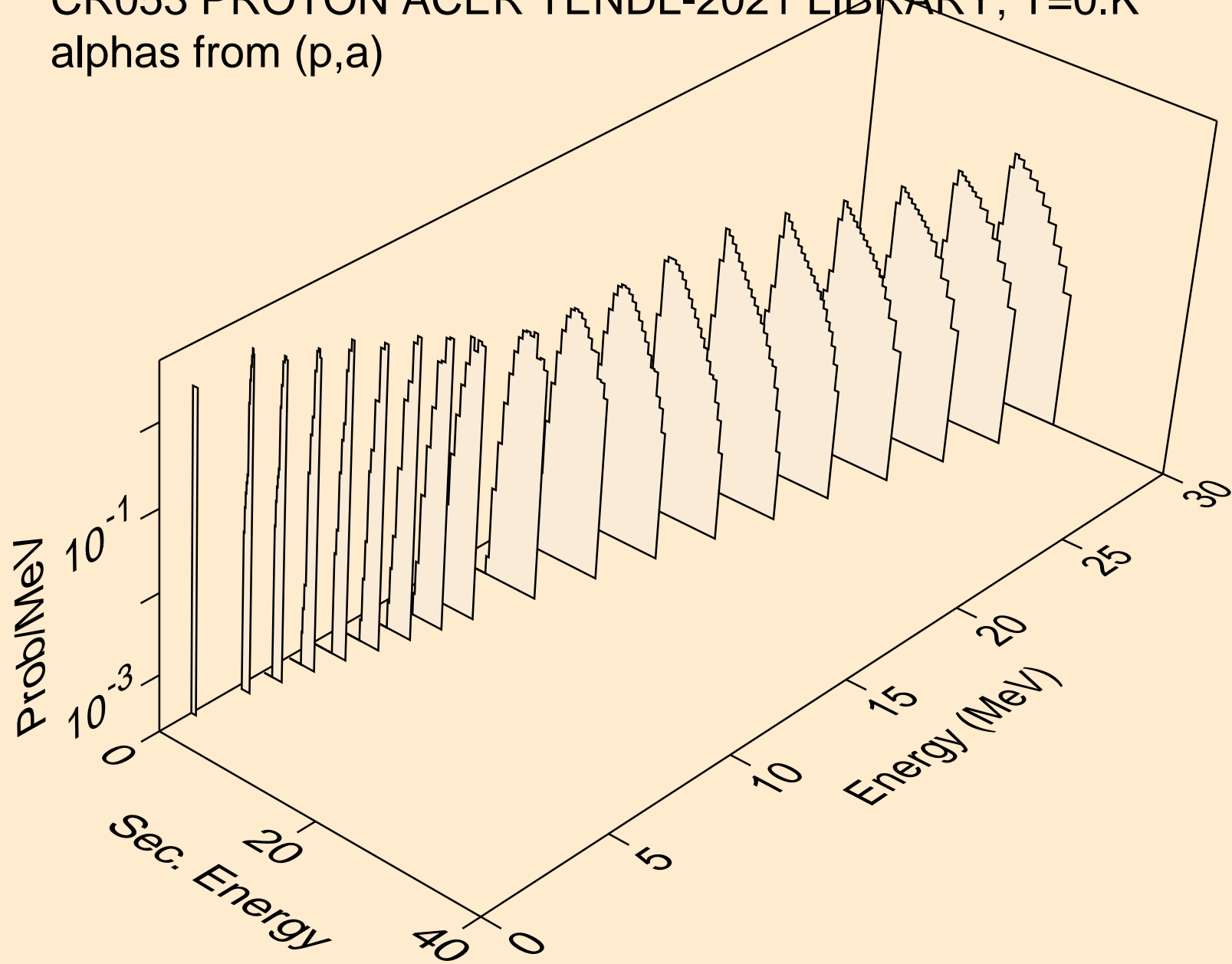
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



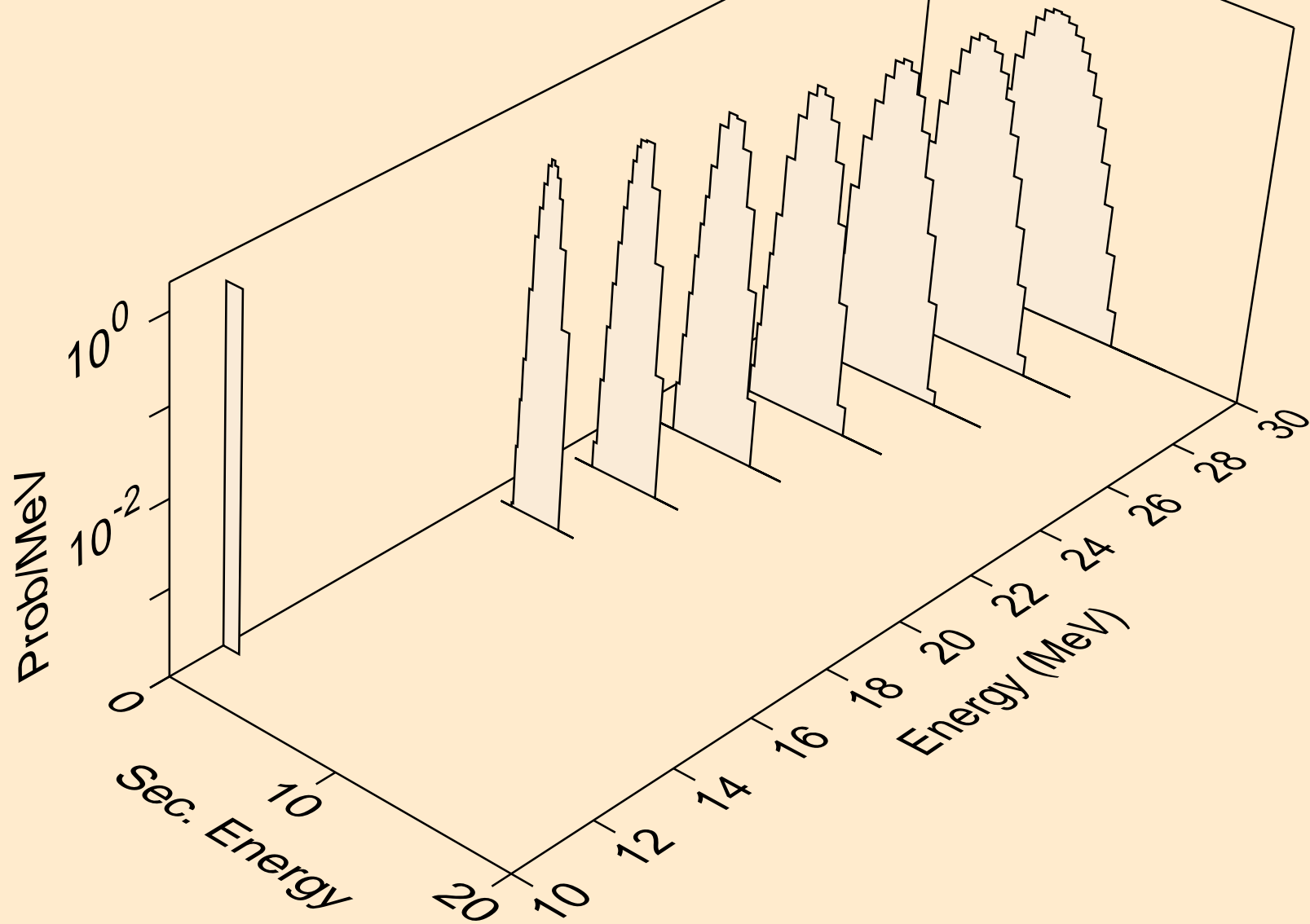
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



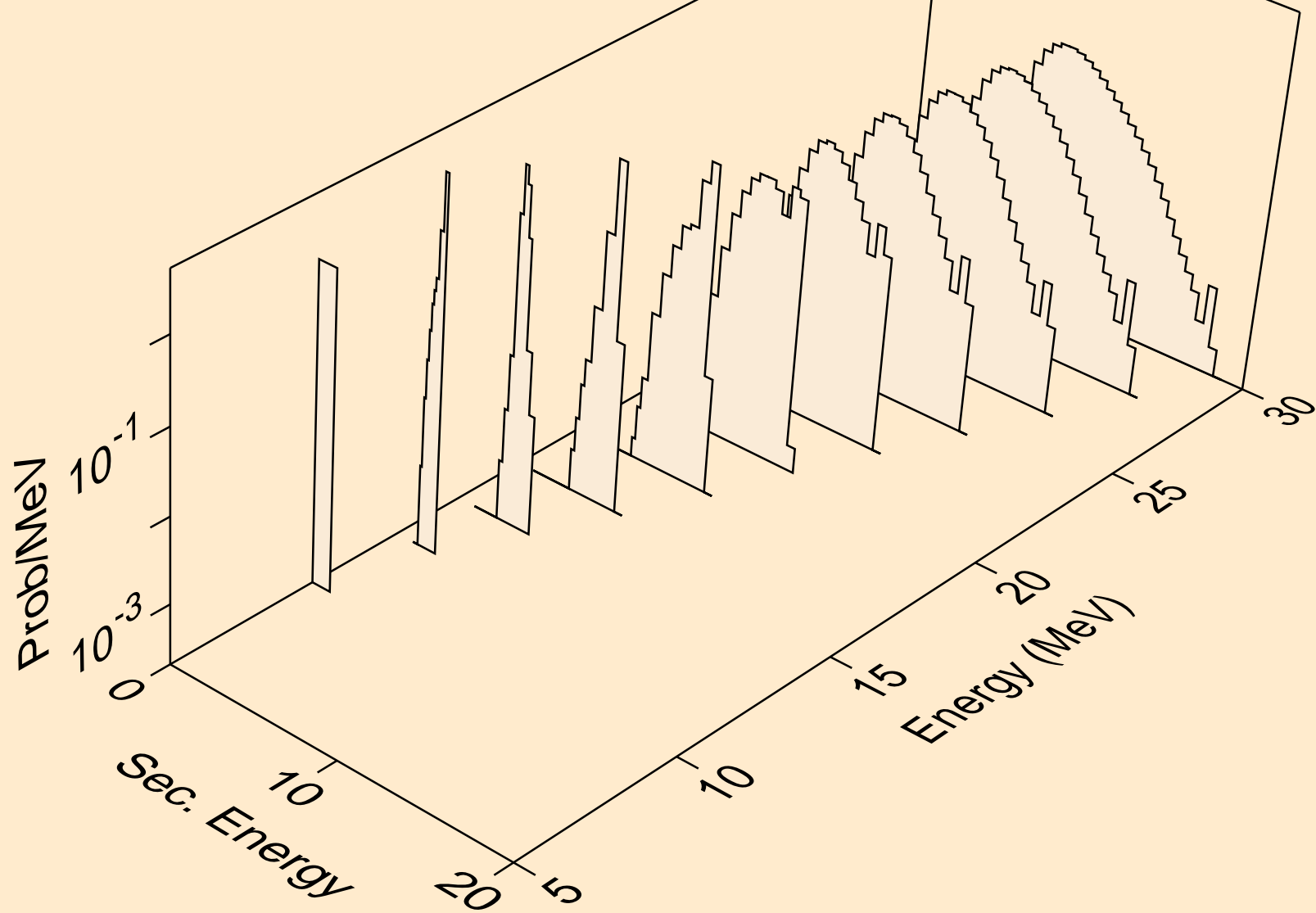
CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



CR053 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

