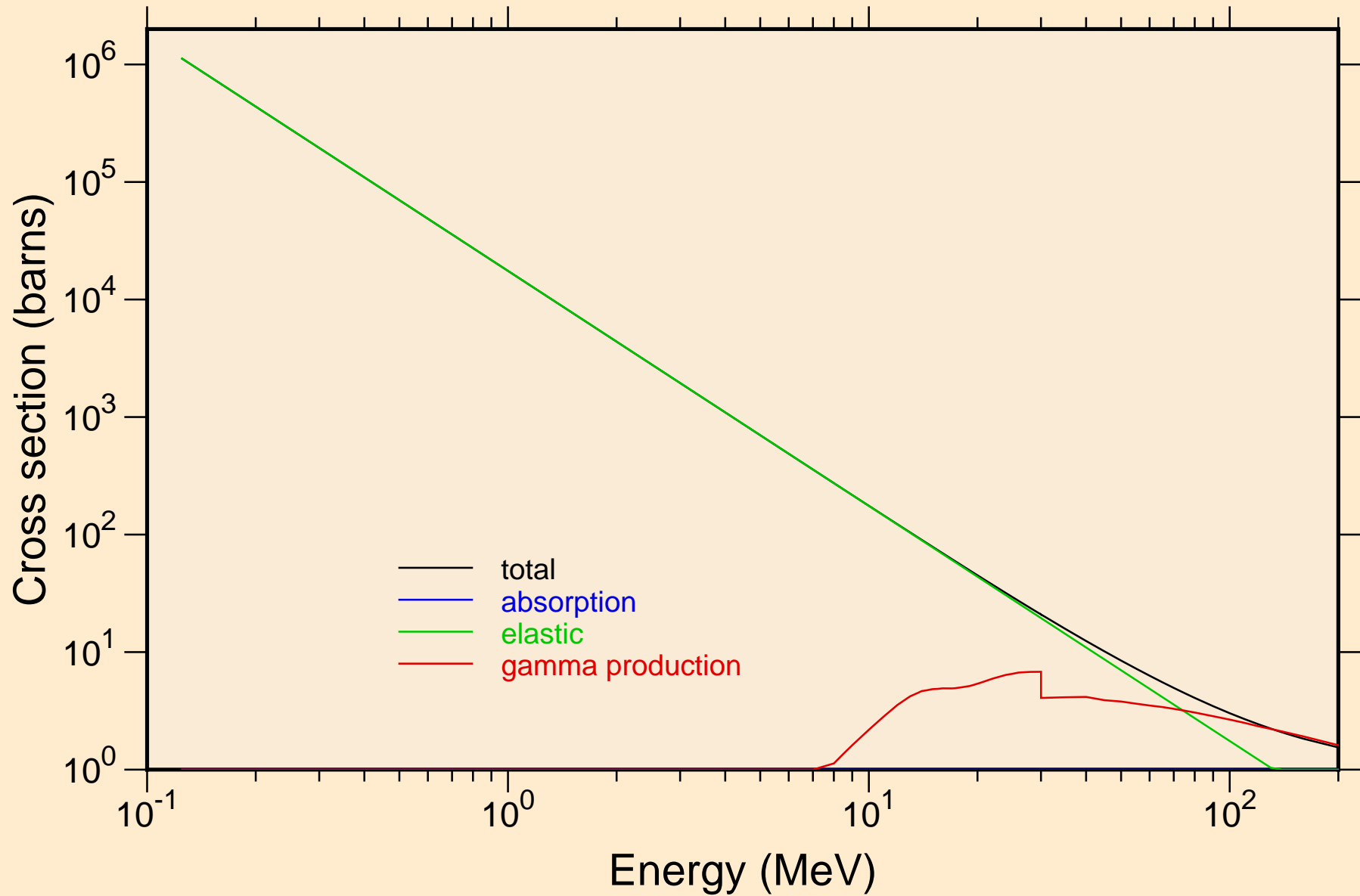
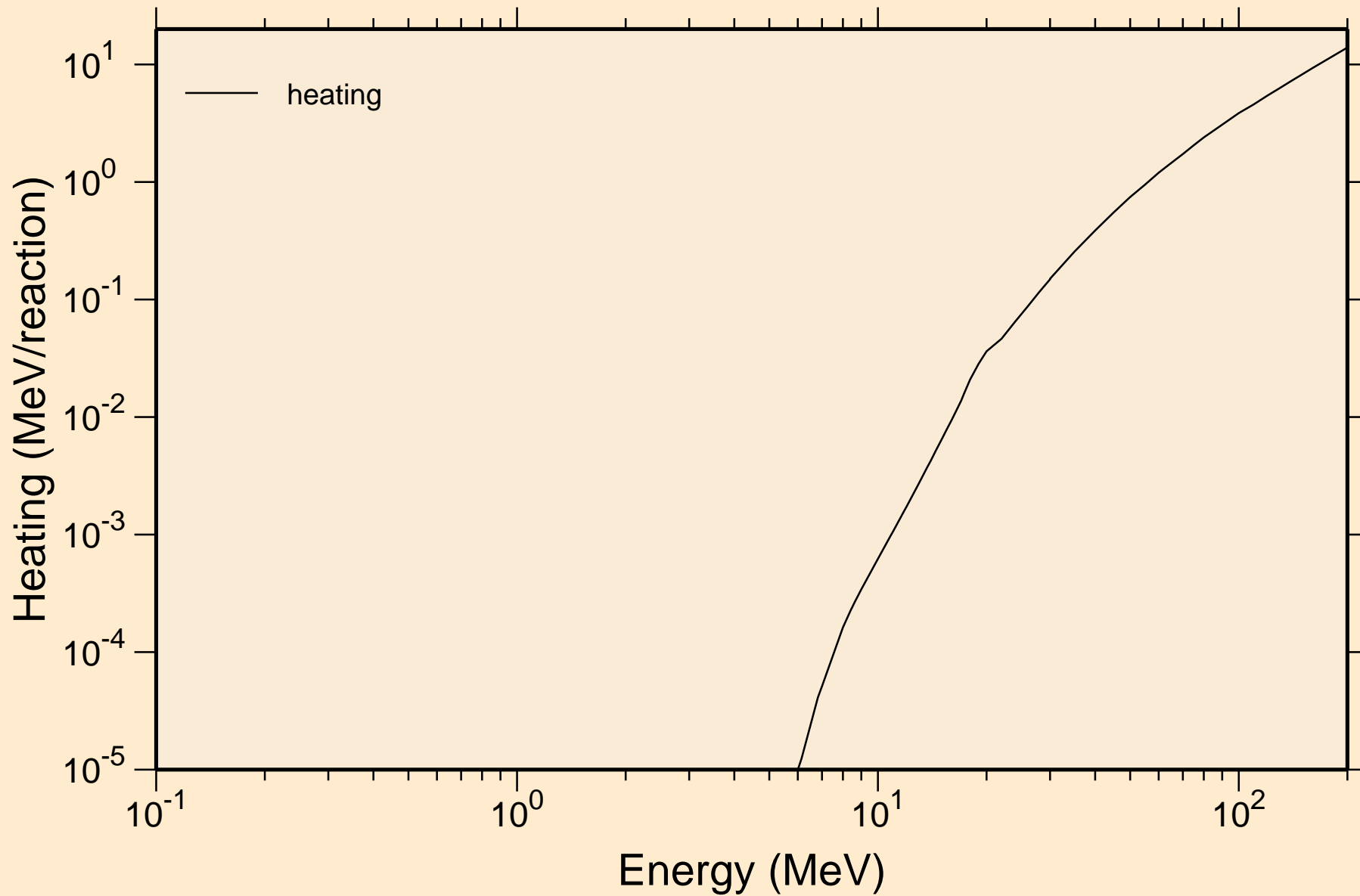


# I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

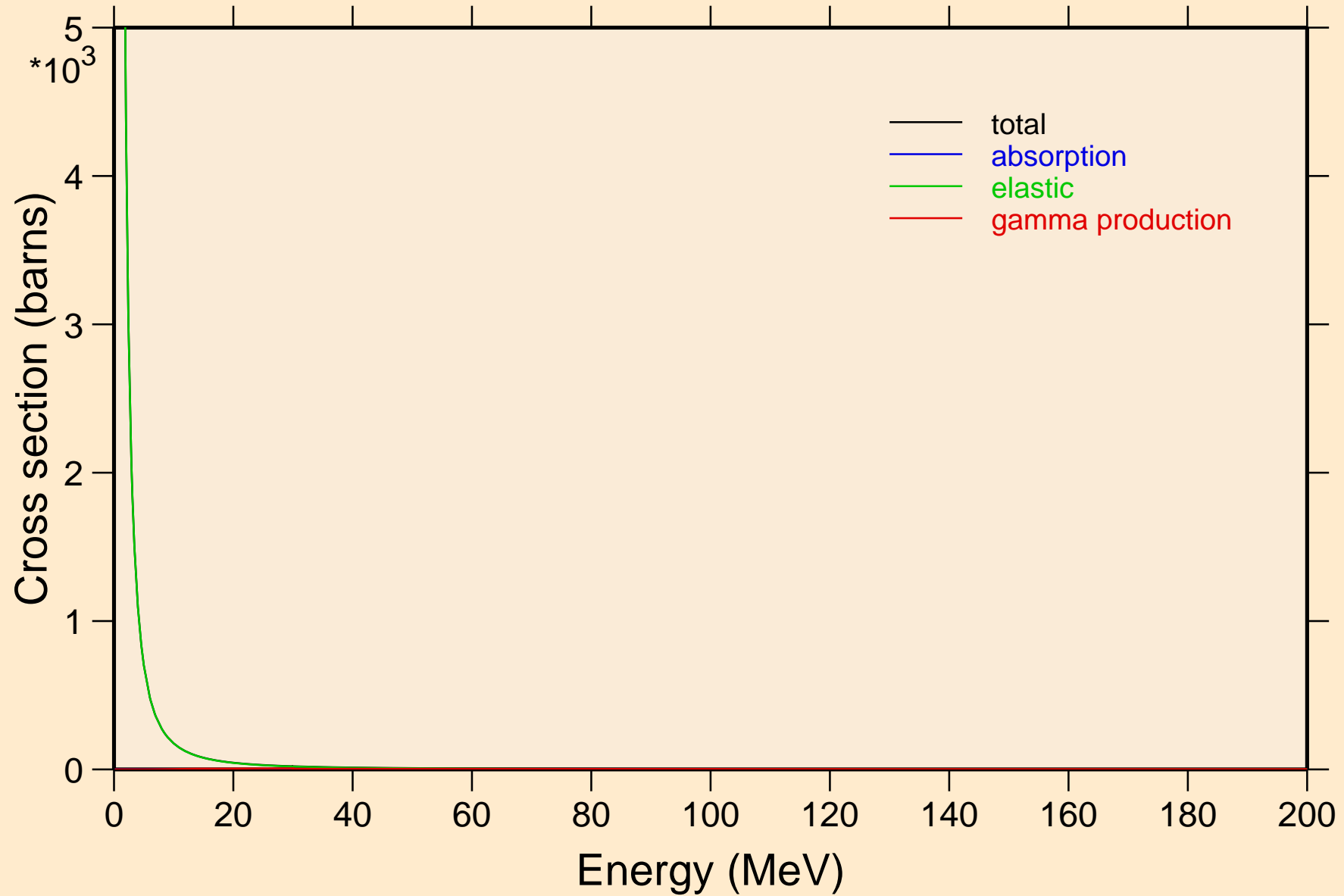


I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



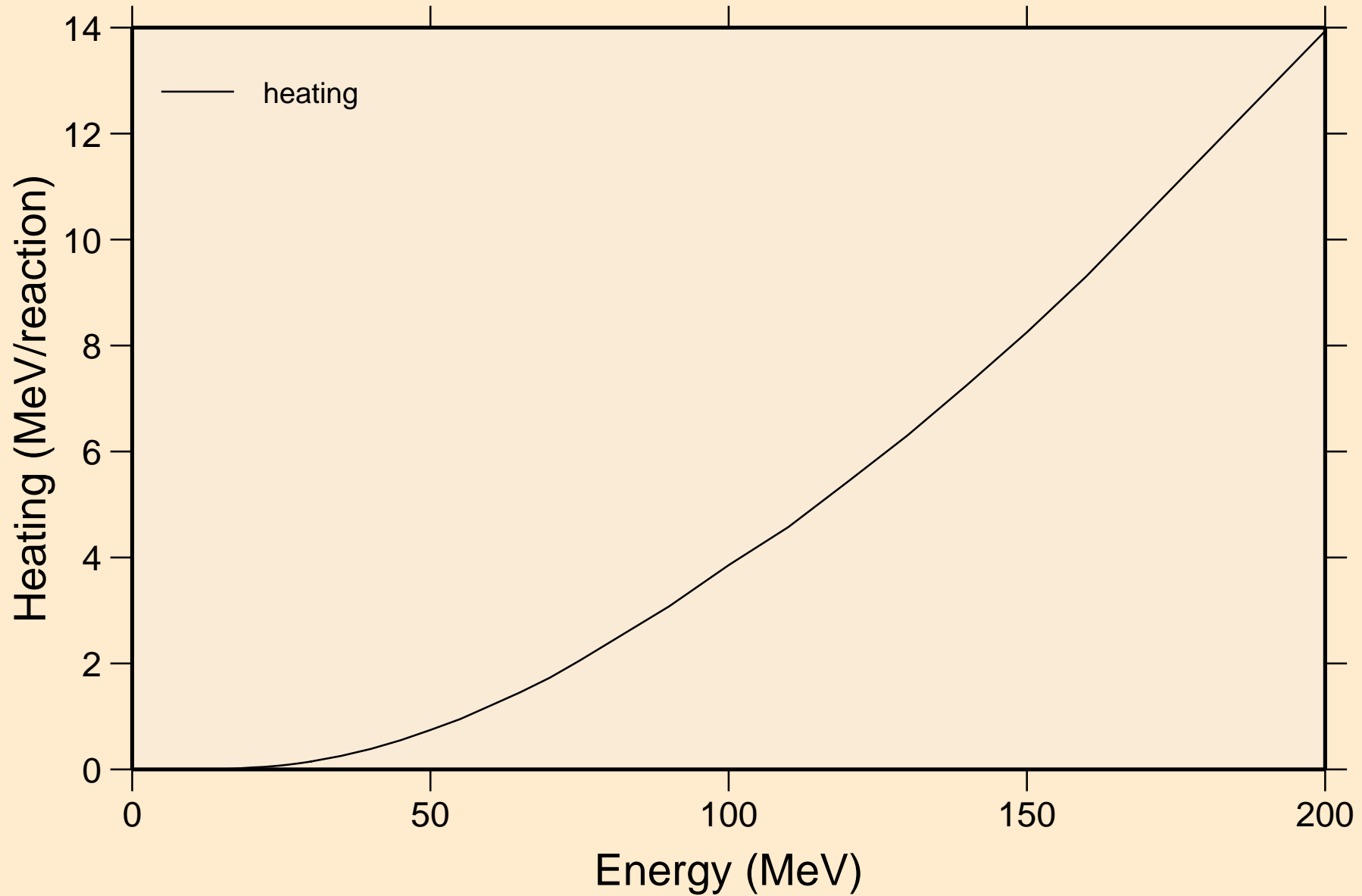
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## Principal cross sections



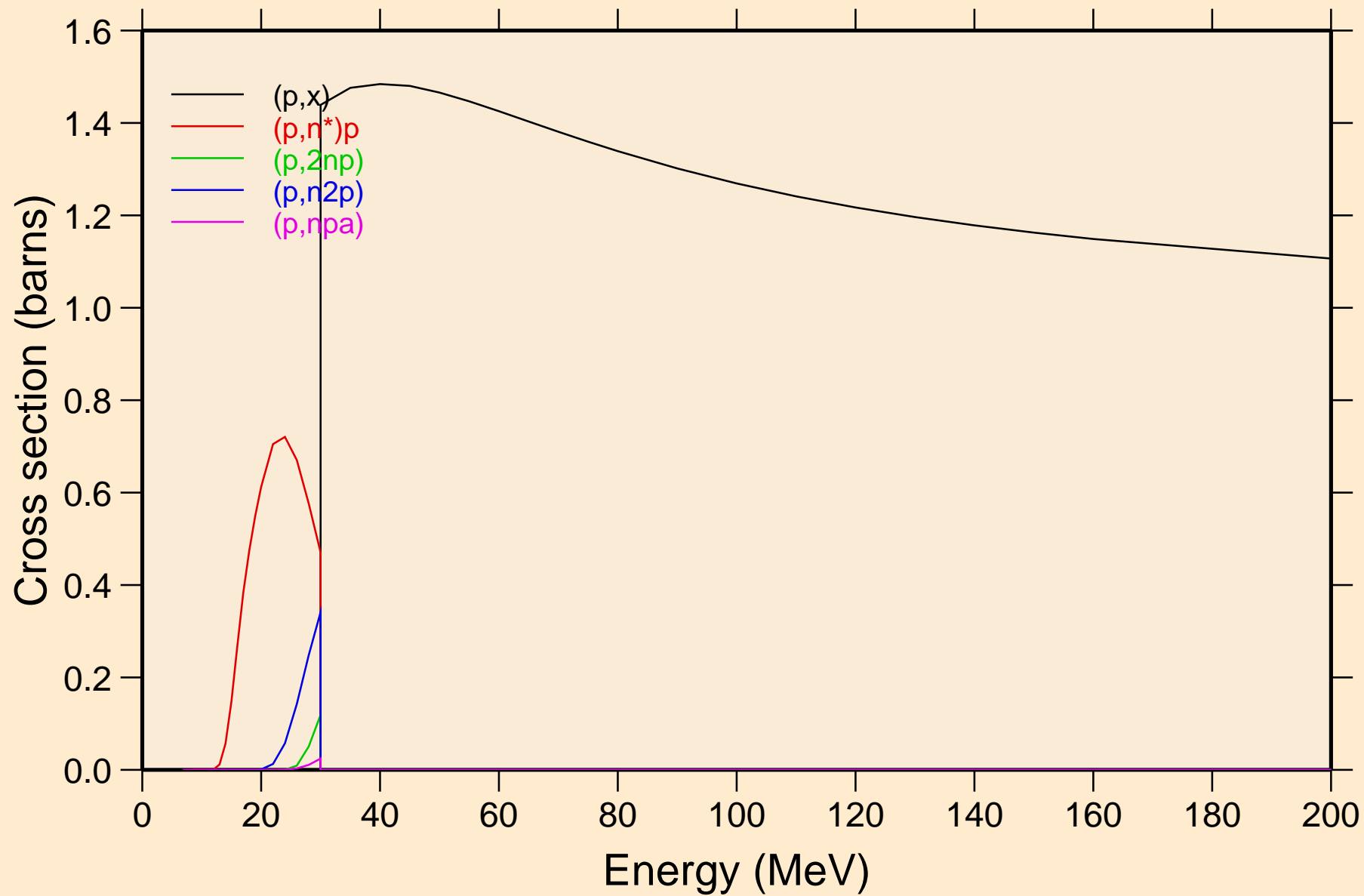
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## Heating



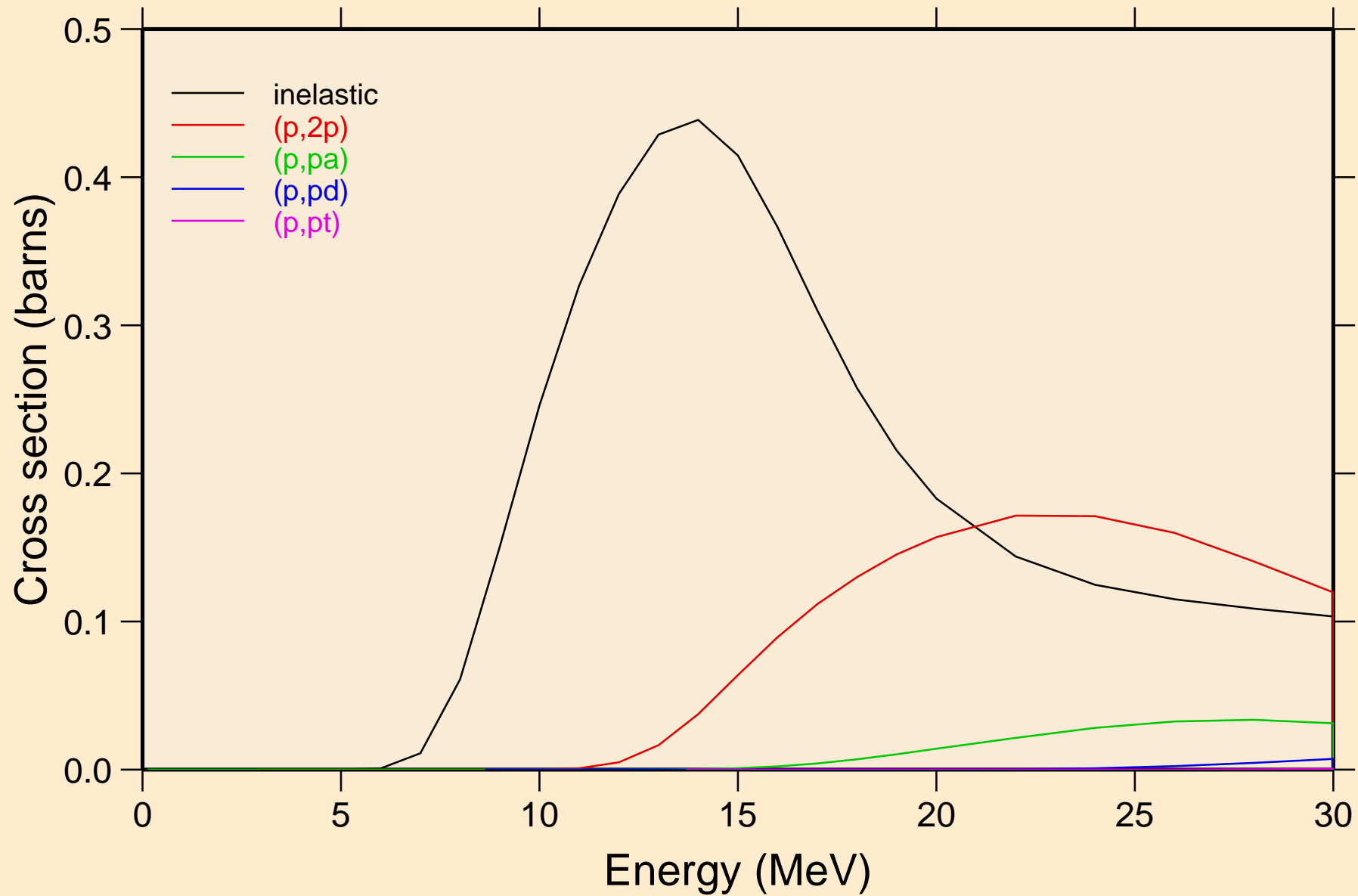
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## Threshold reactions

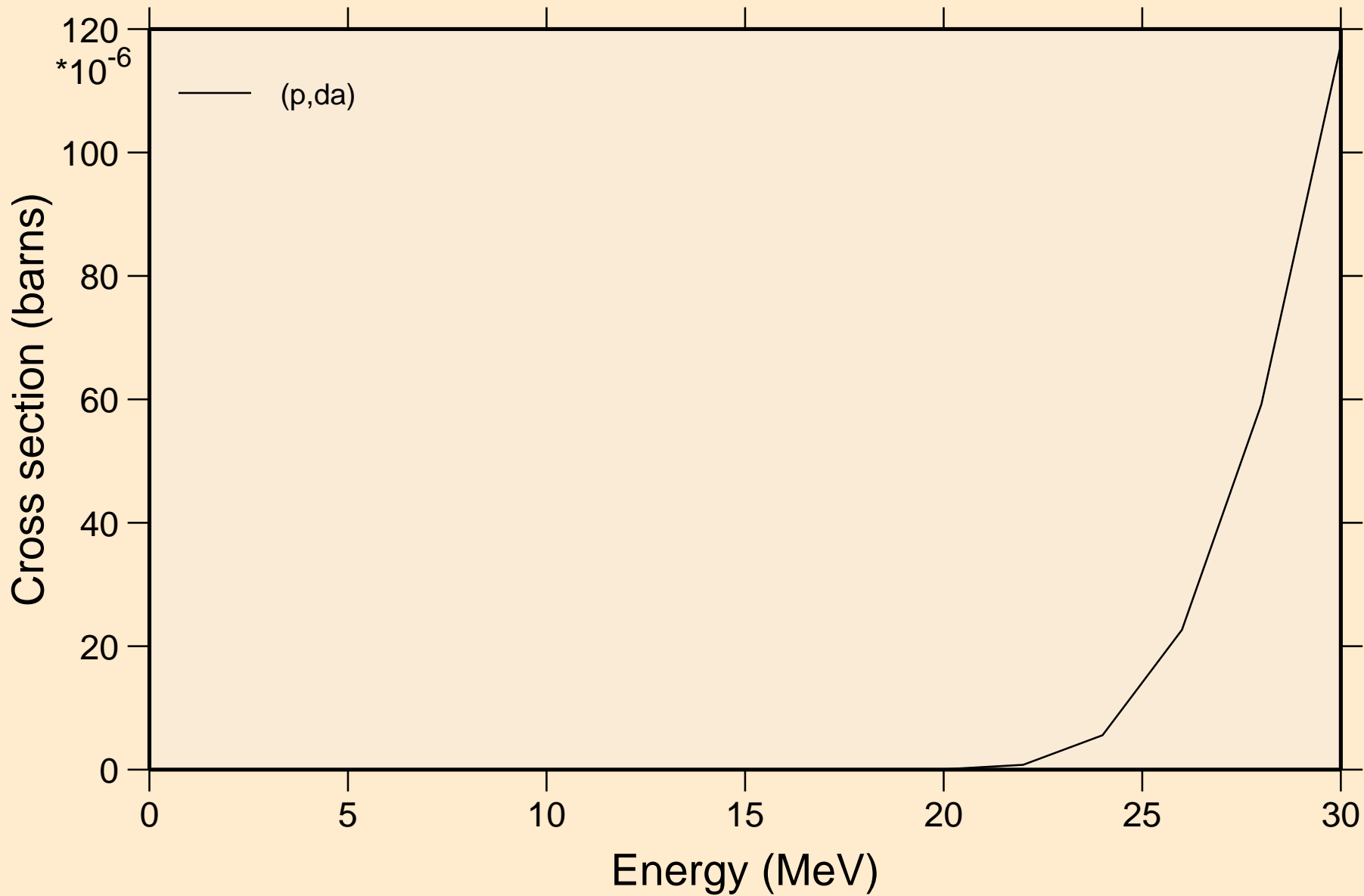


# I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K

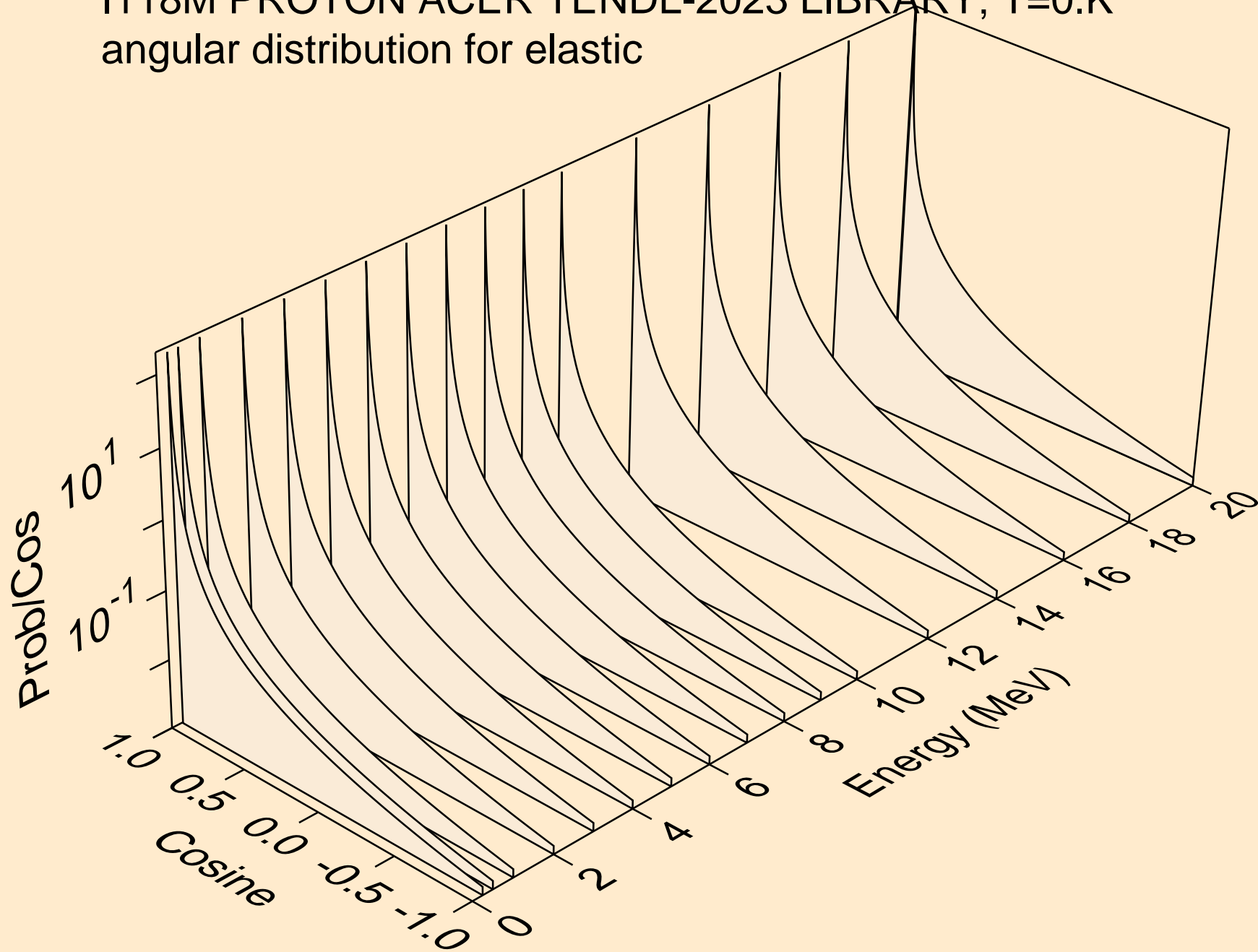
## Threshold reactions



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

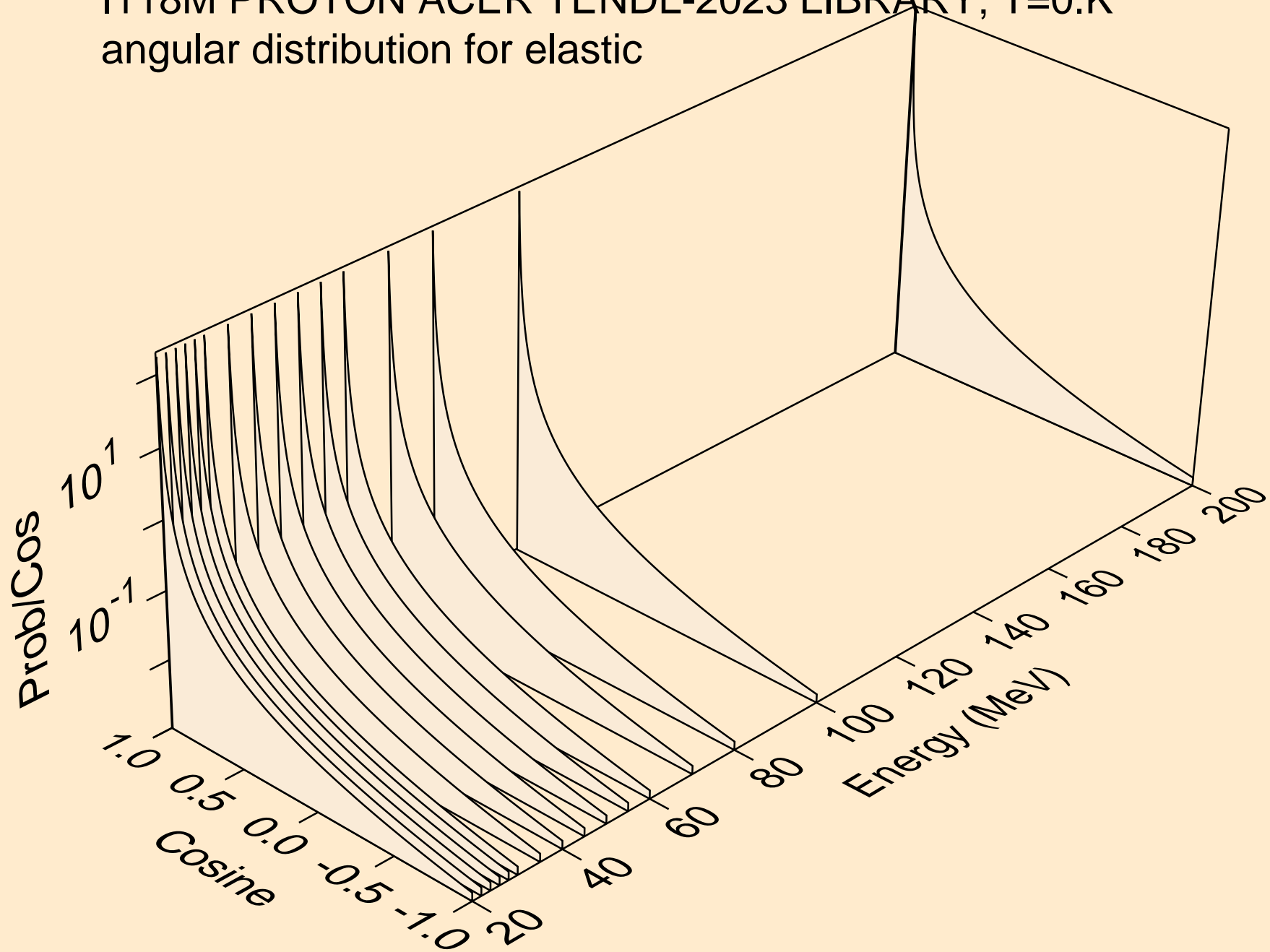


I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

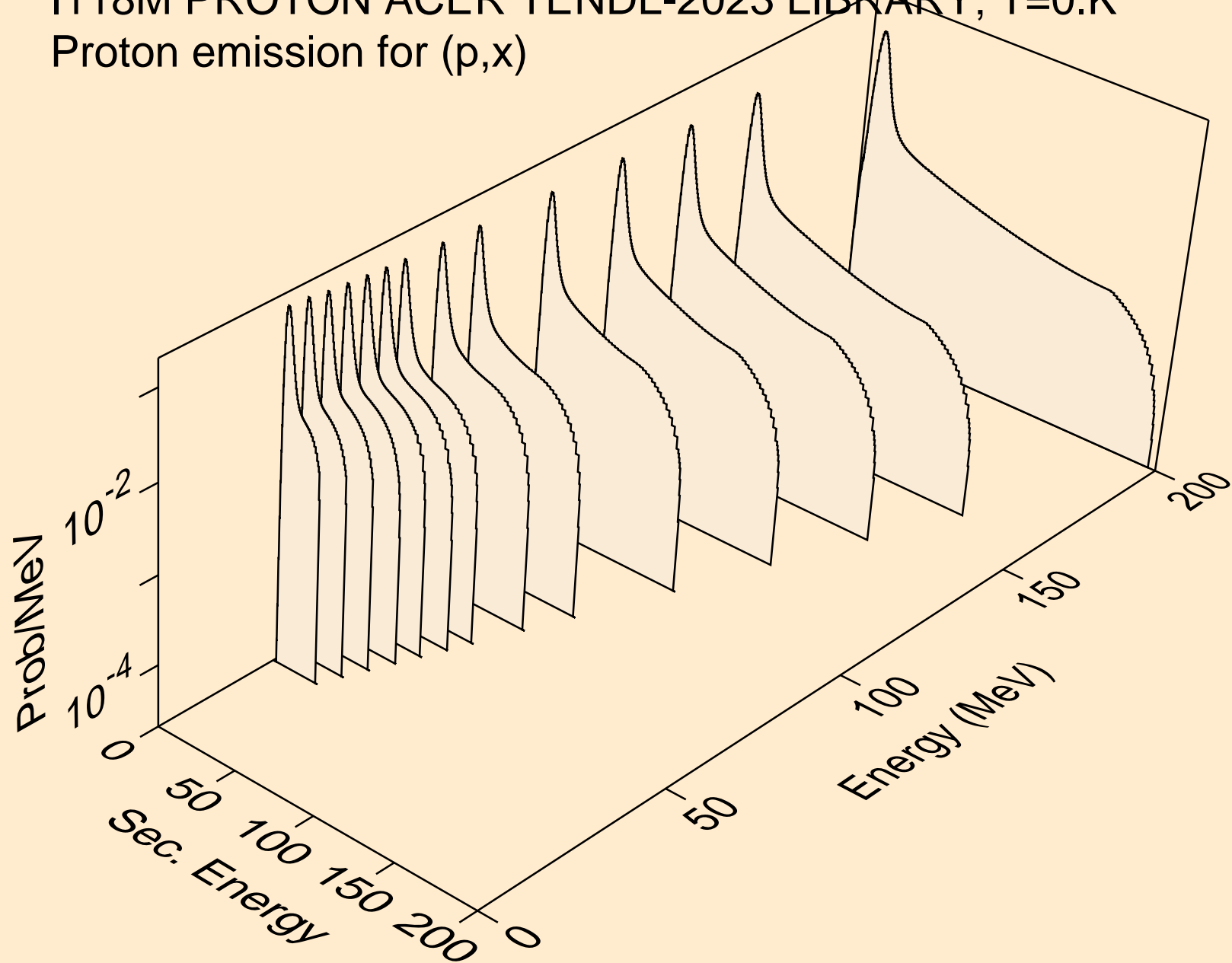




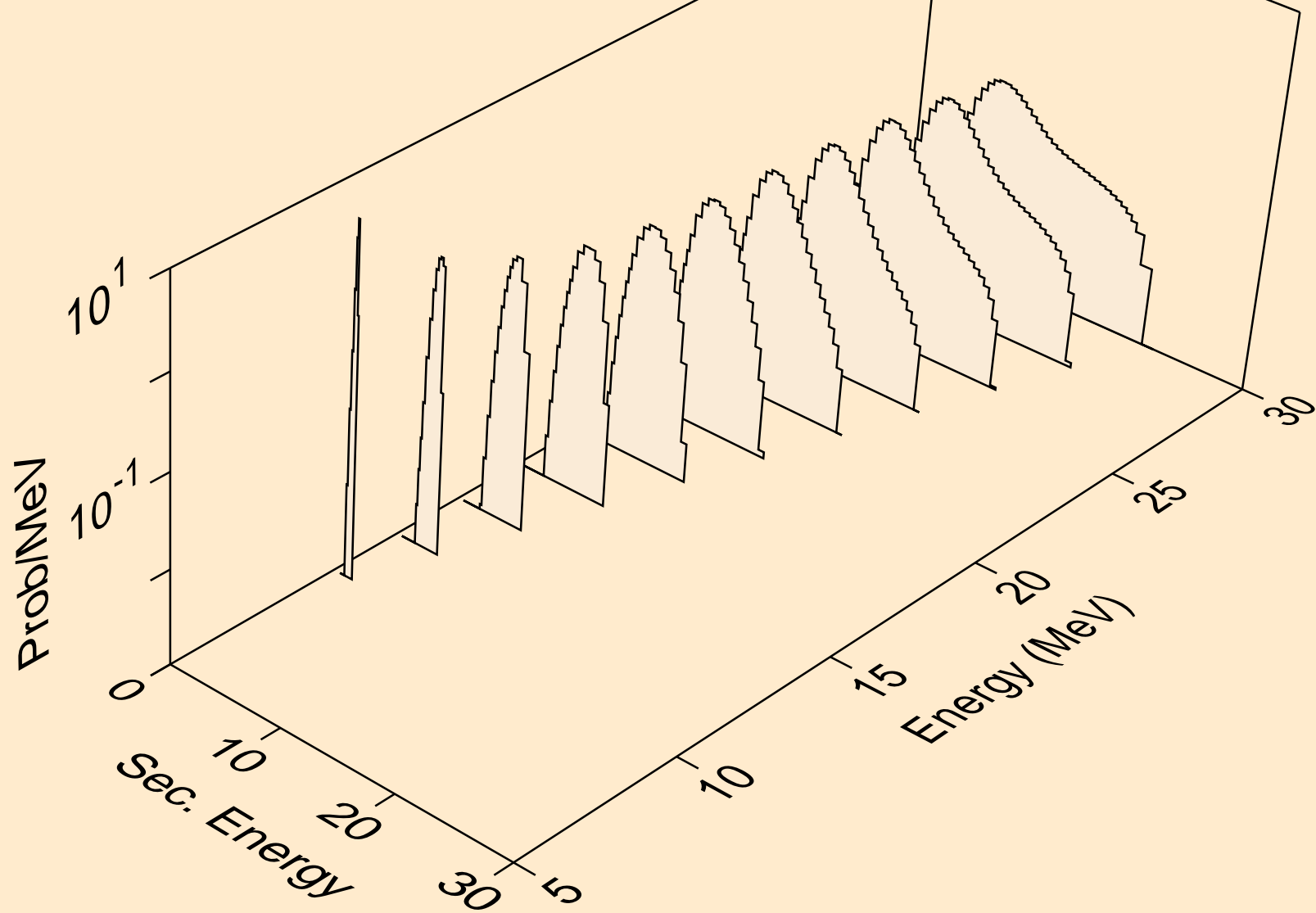
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



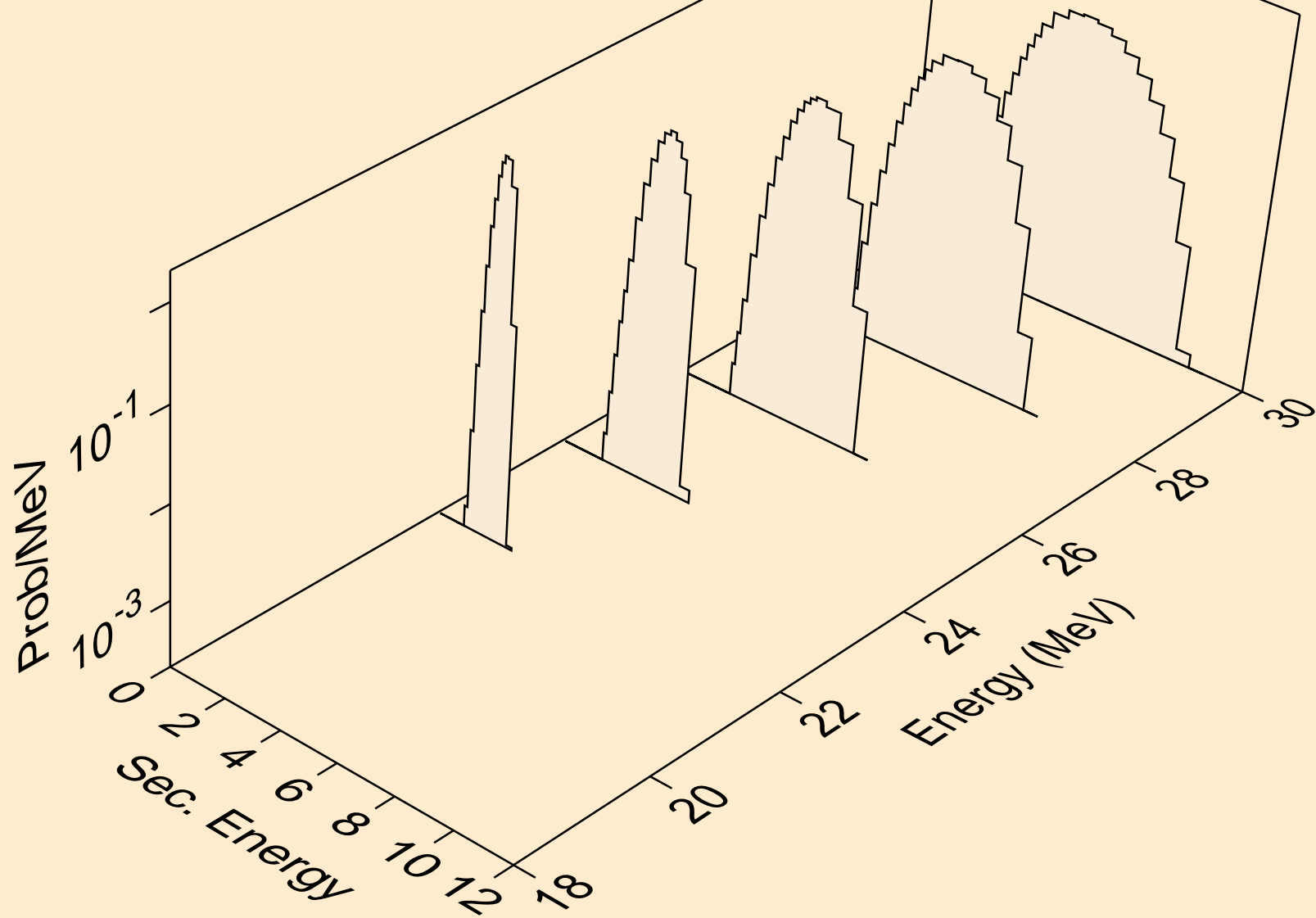
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



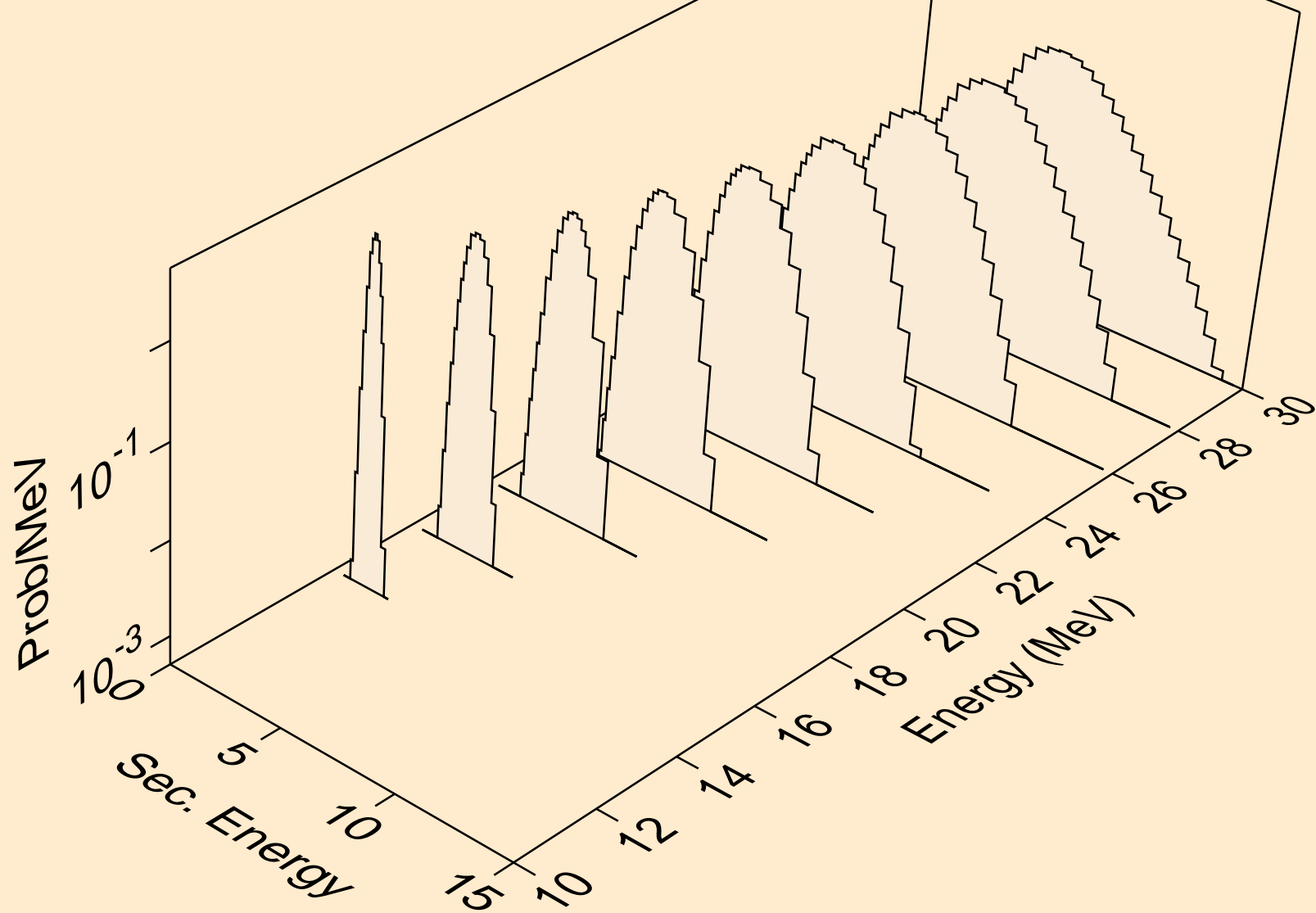
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



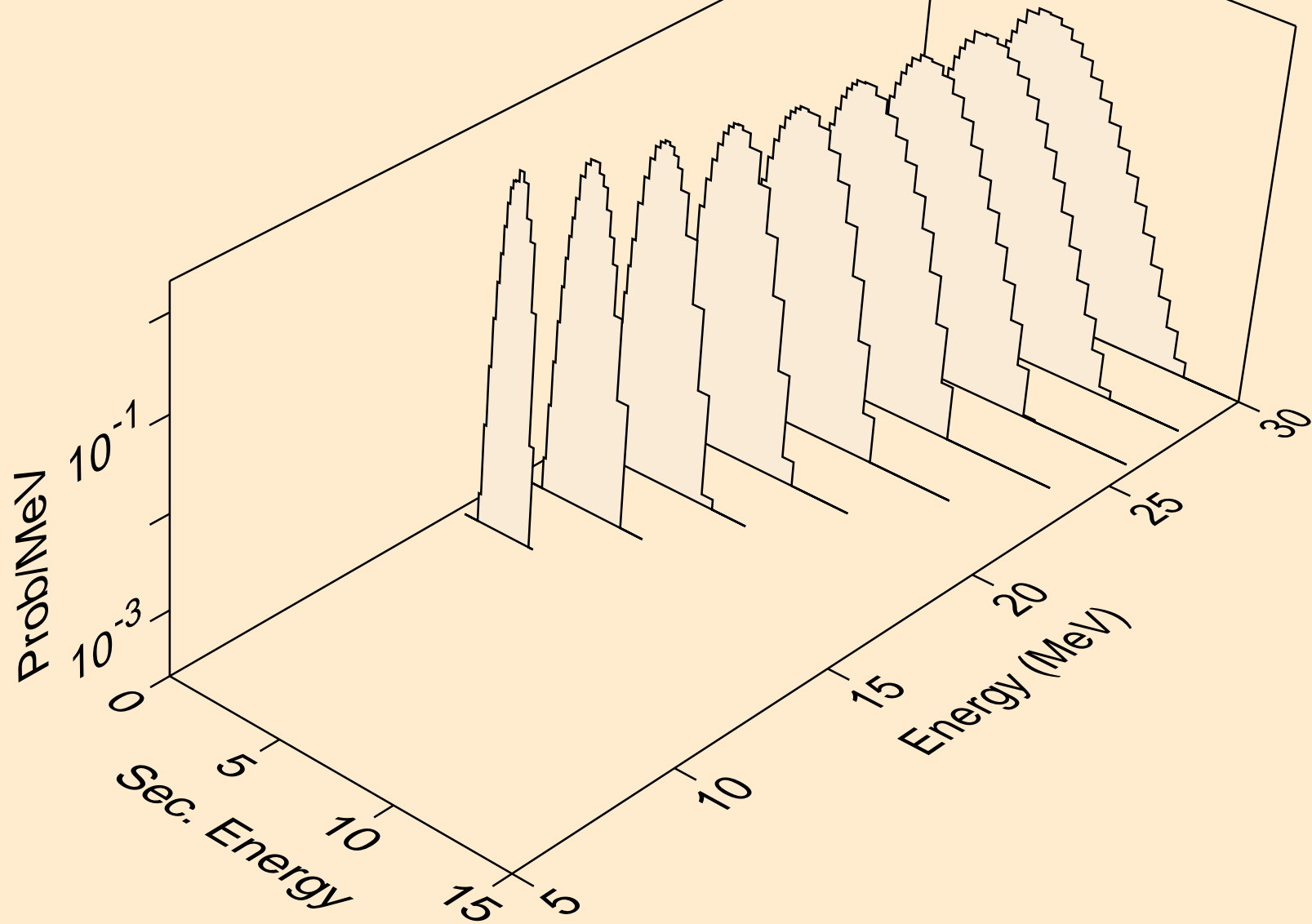
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Proton emission for (p,2np)



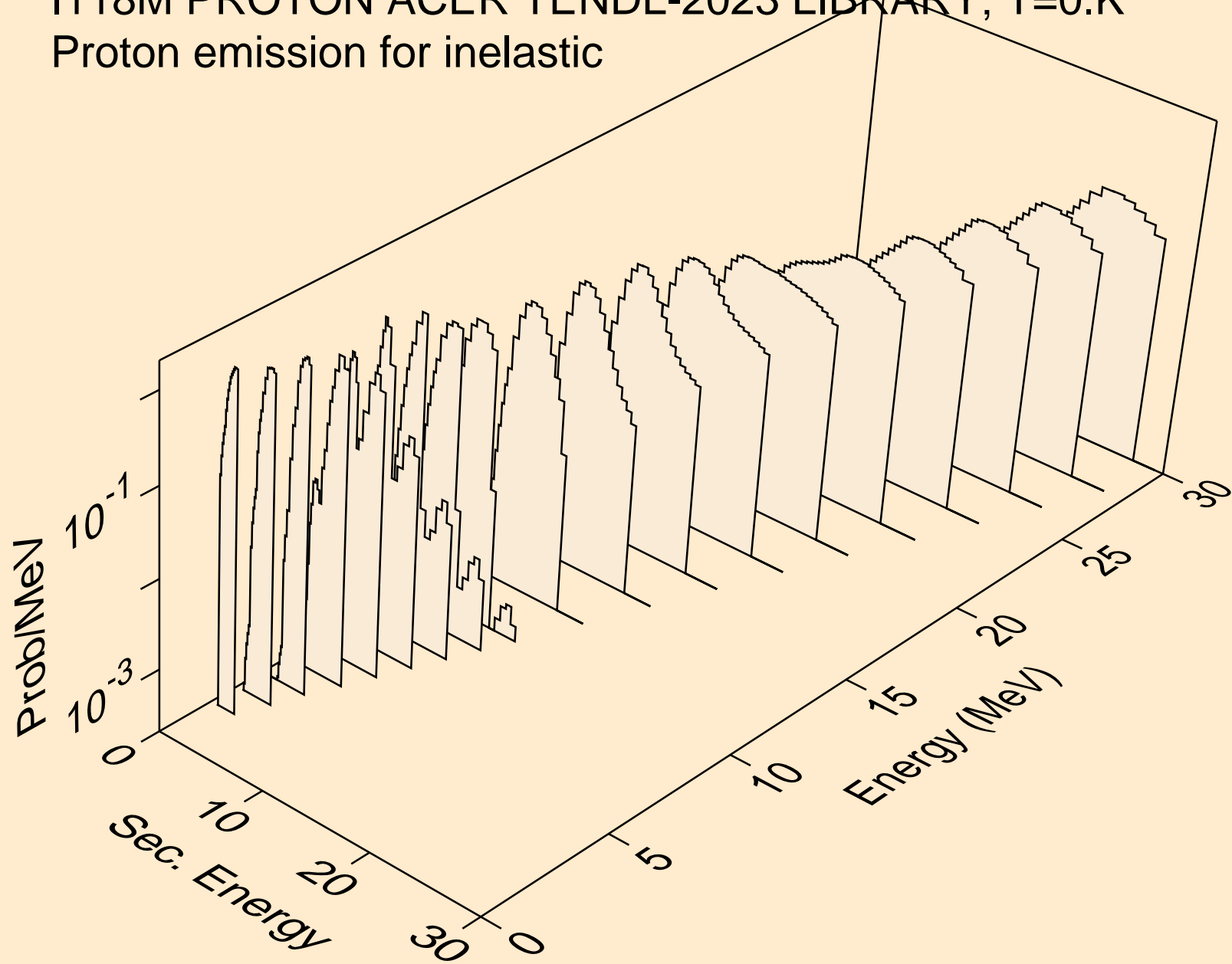
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Proton emission for (p,n2p)



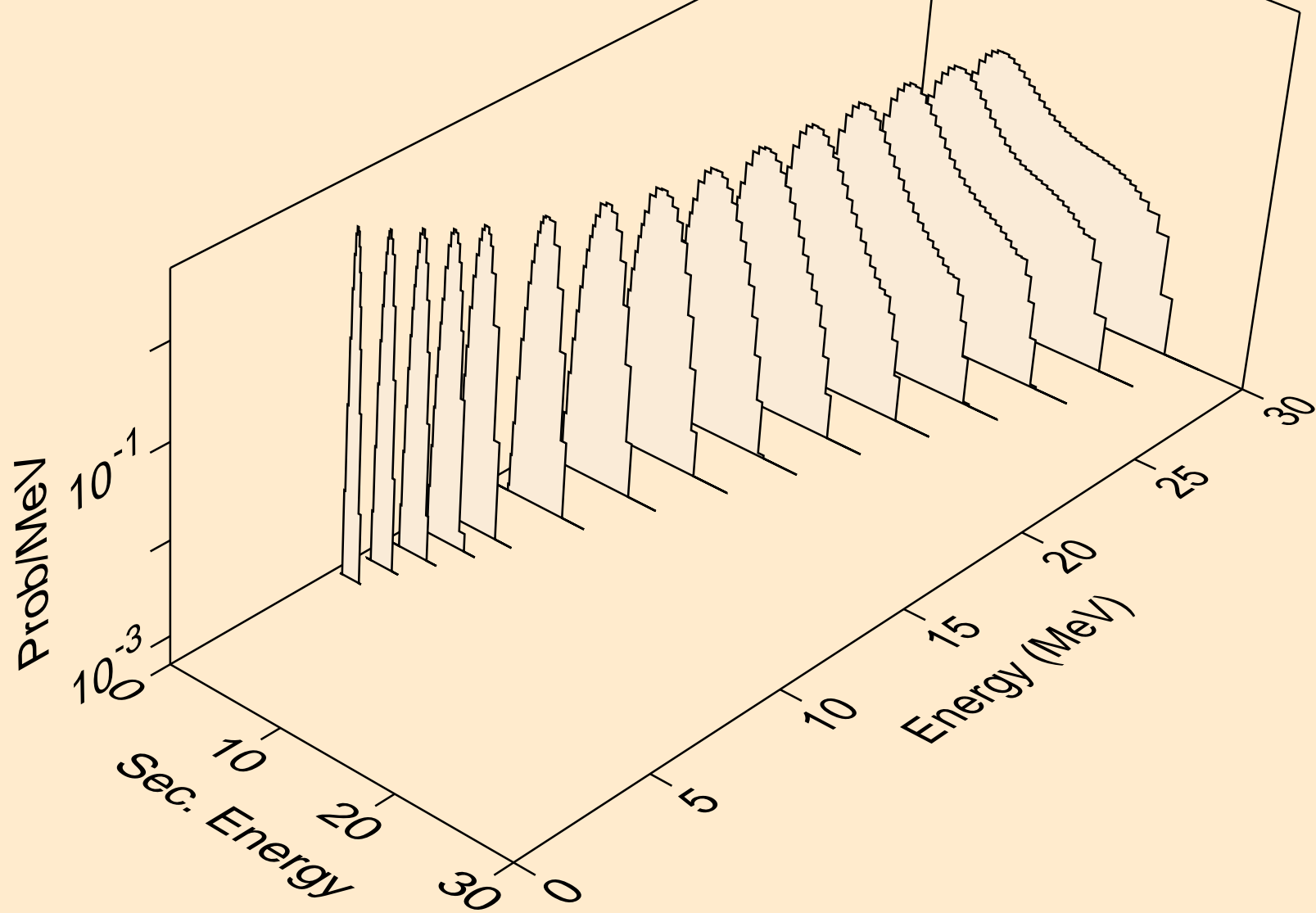
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

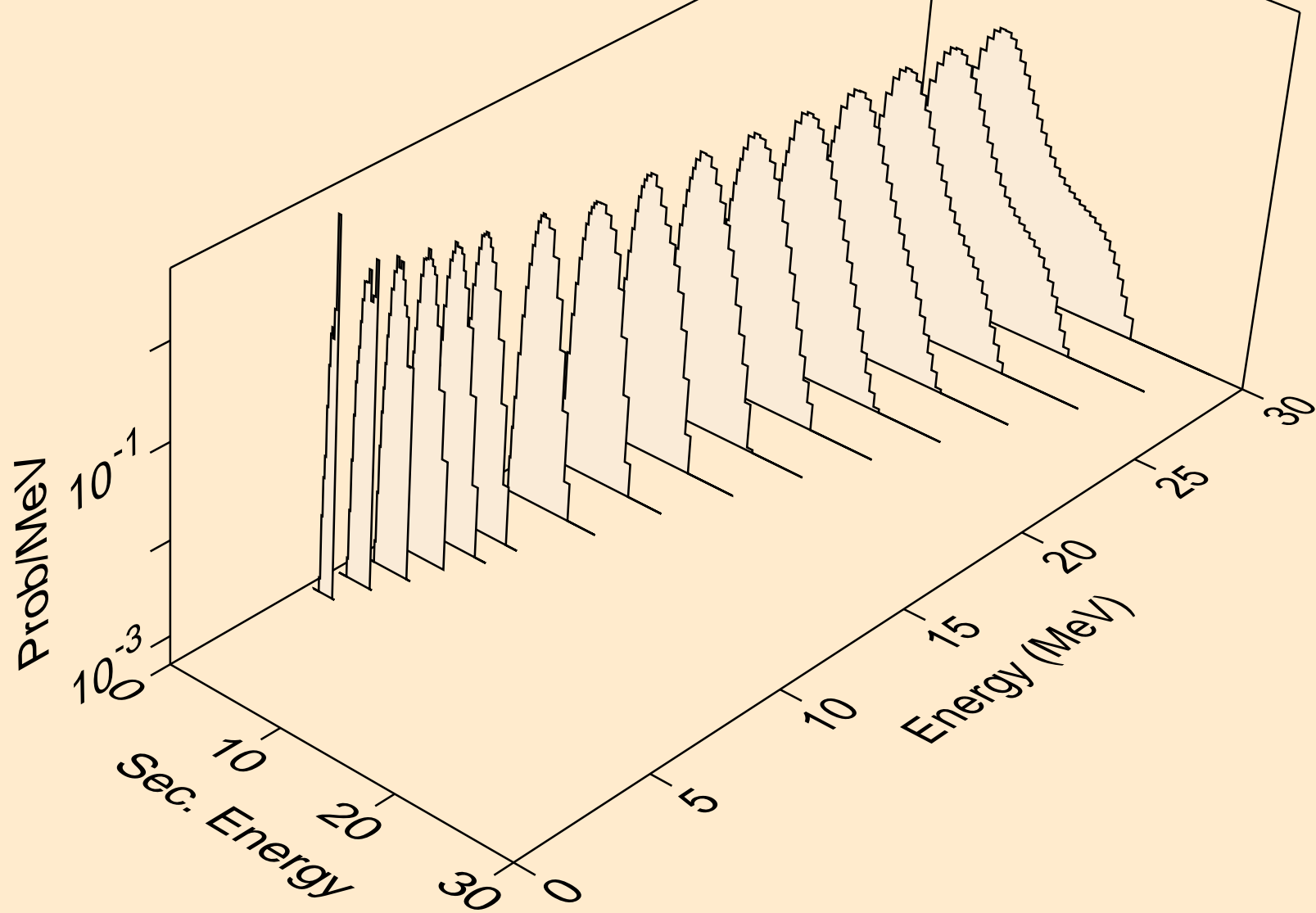


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Proton emission for (p,2p)

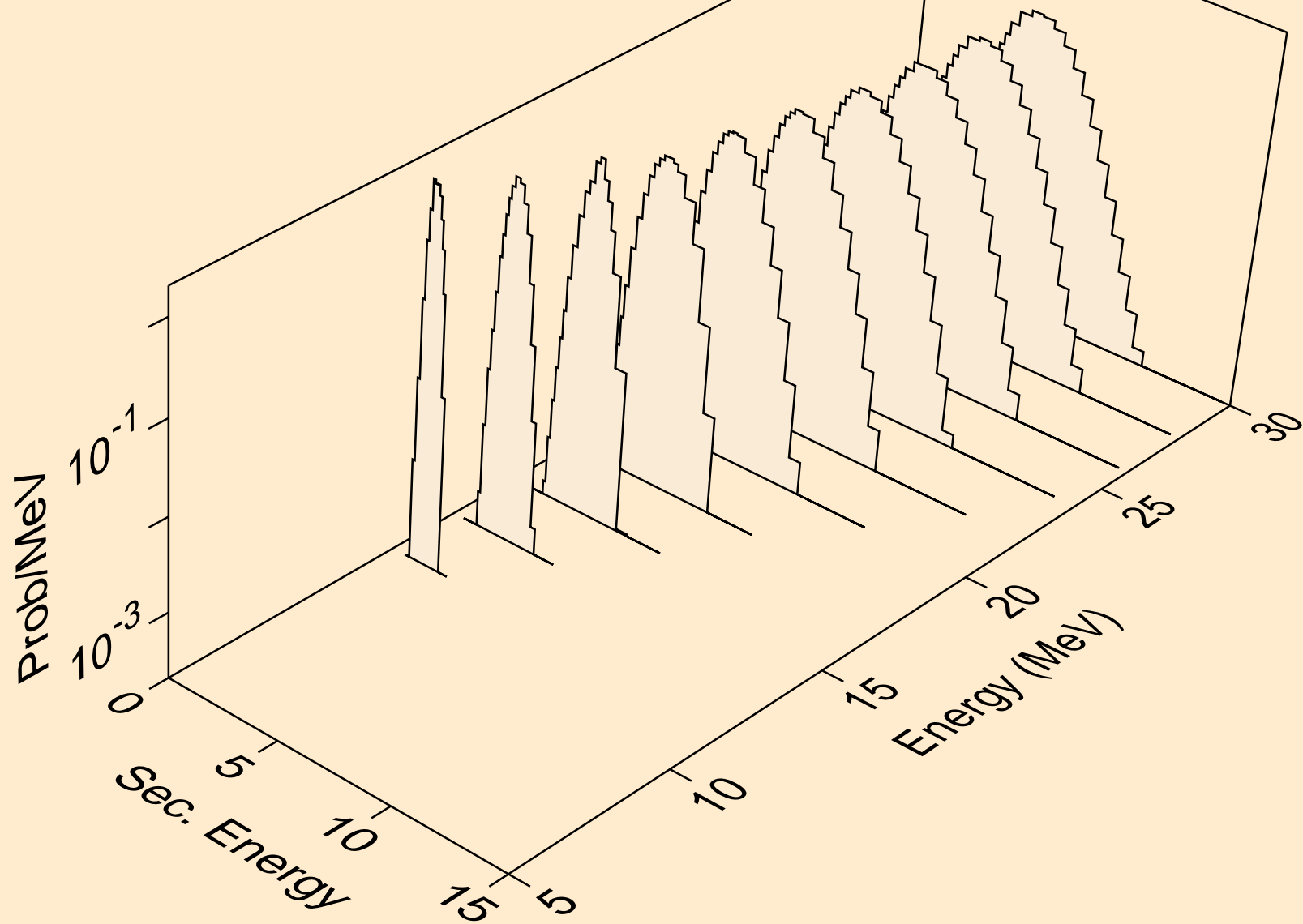




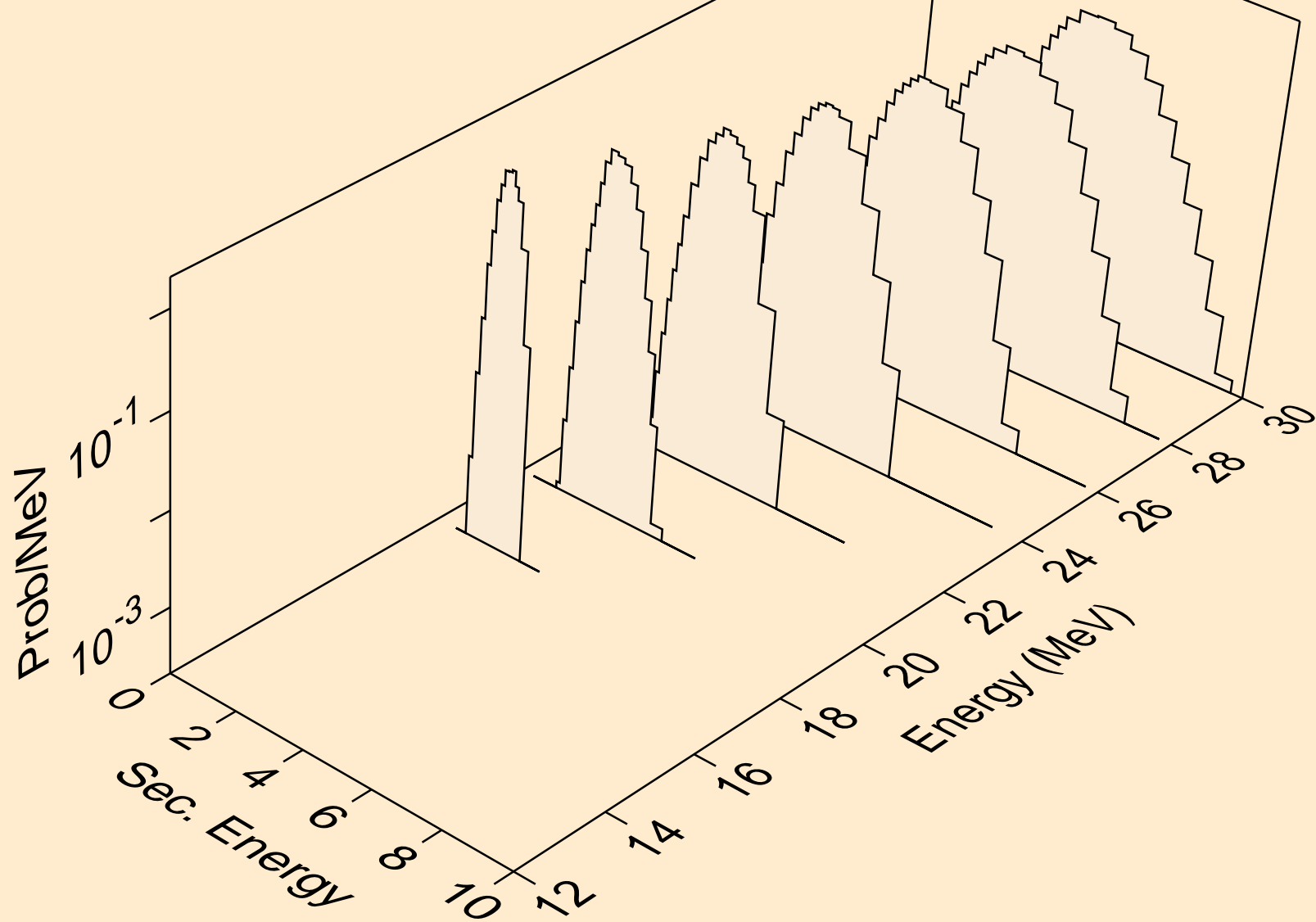
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Proton emission for (p,pa)



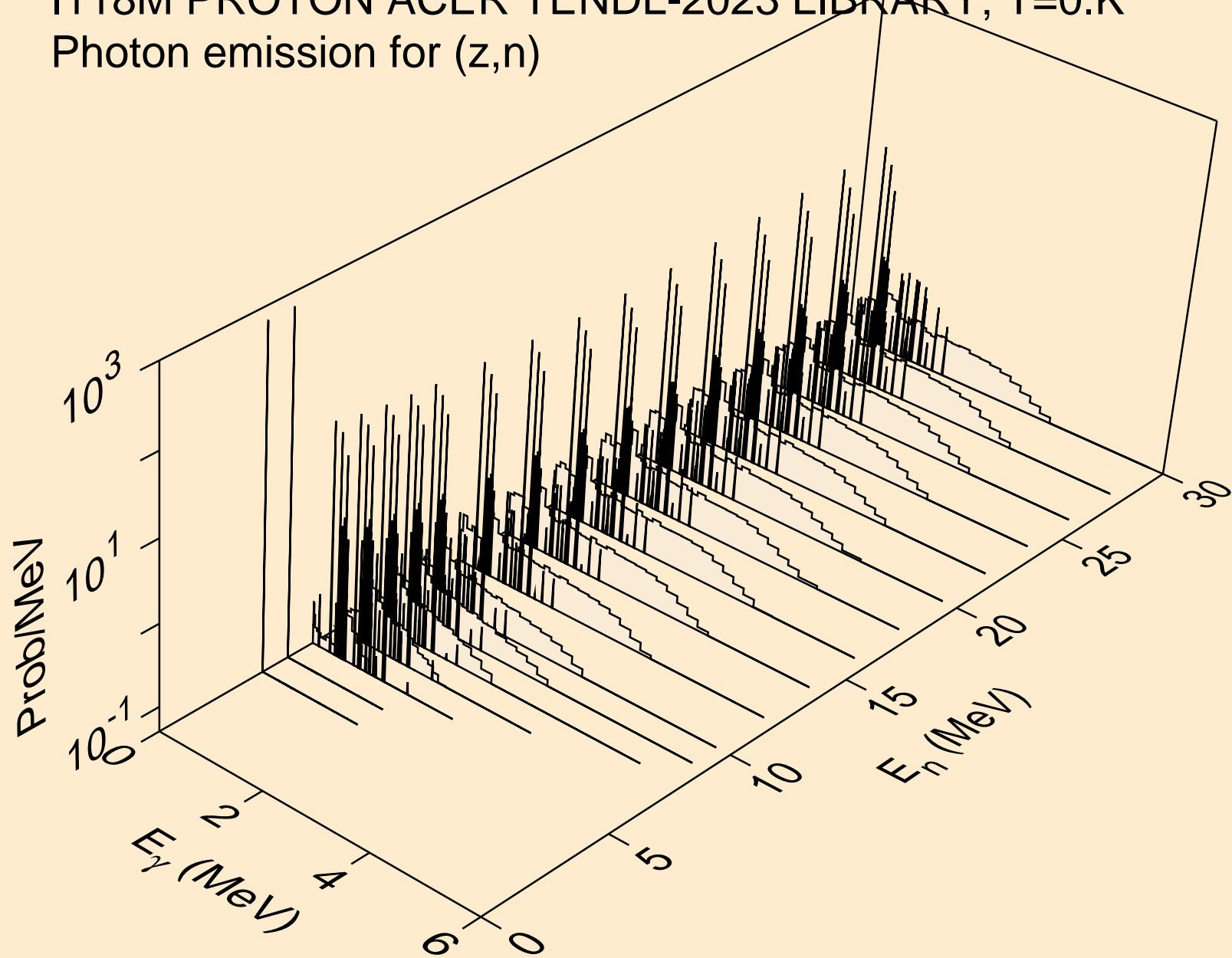
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Proton emission for (p,pd)



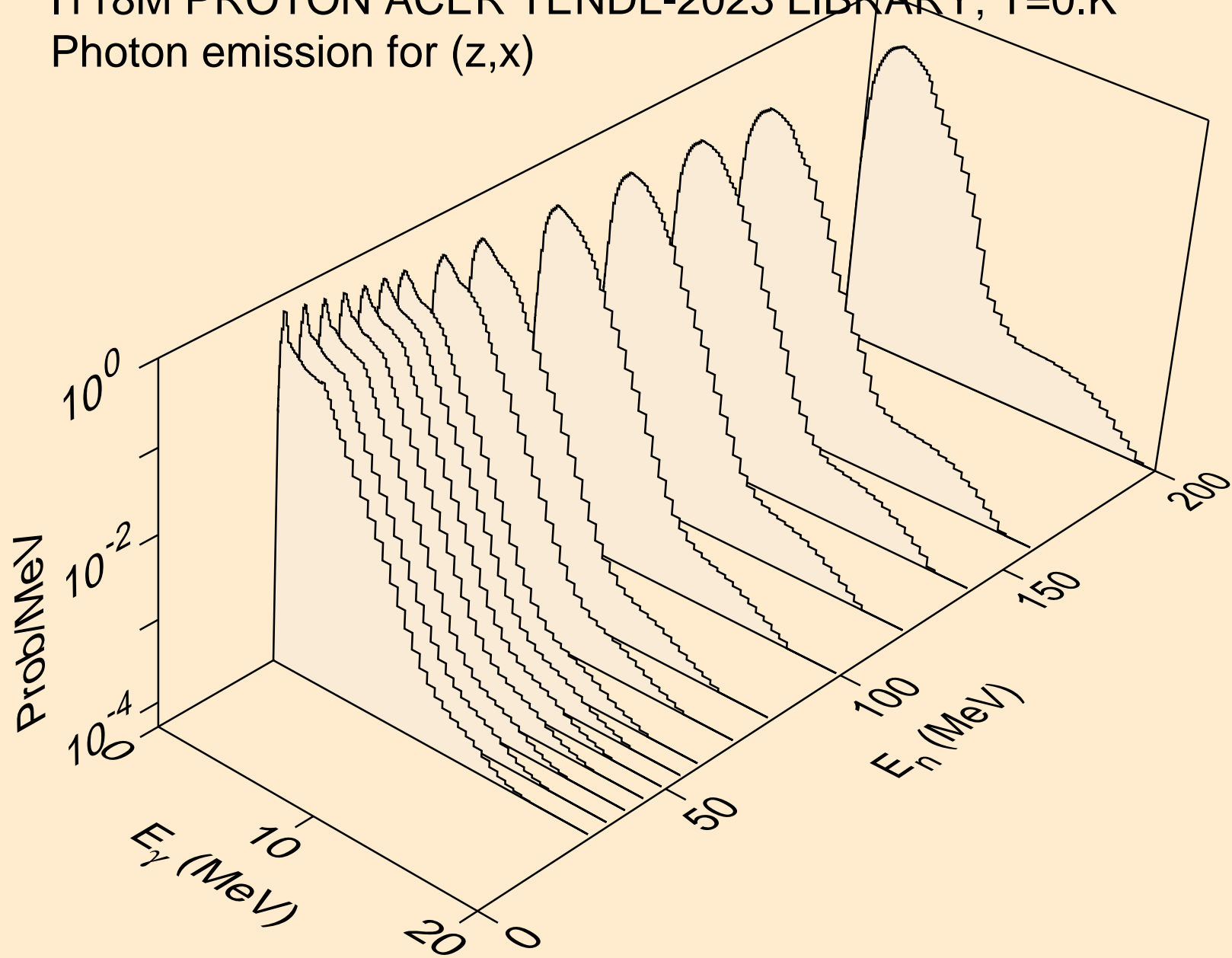
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Proton emission for (p,pt)



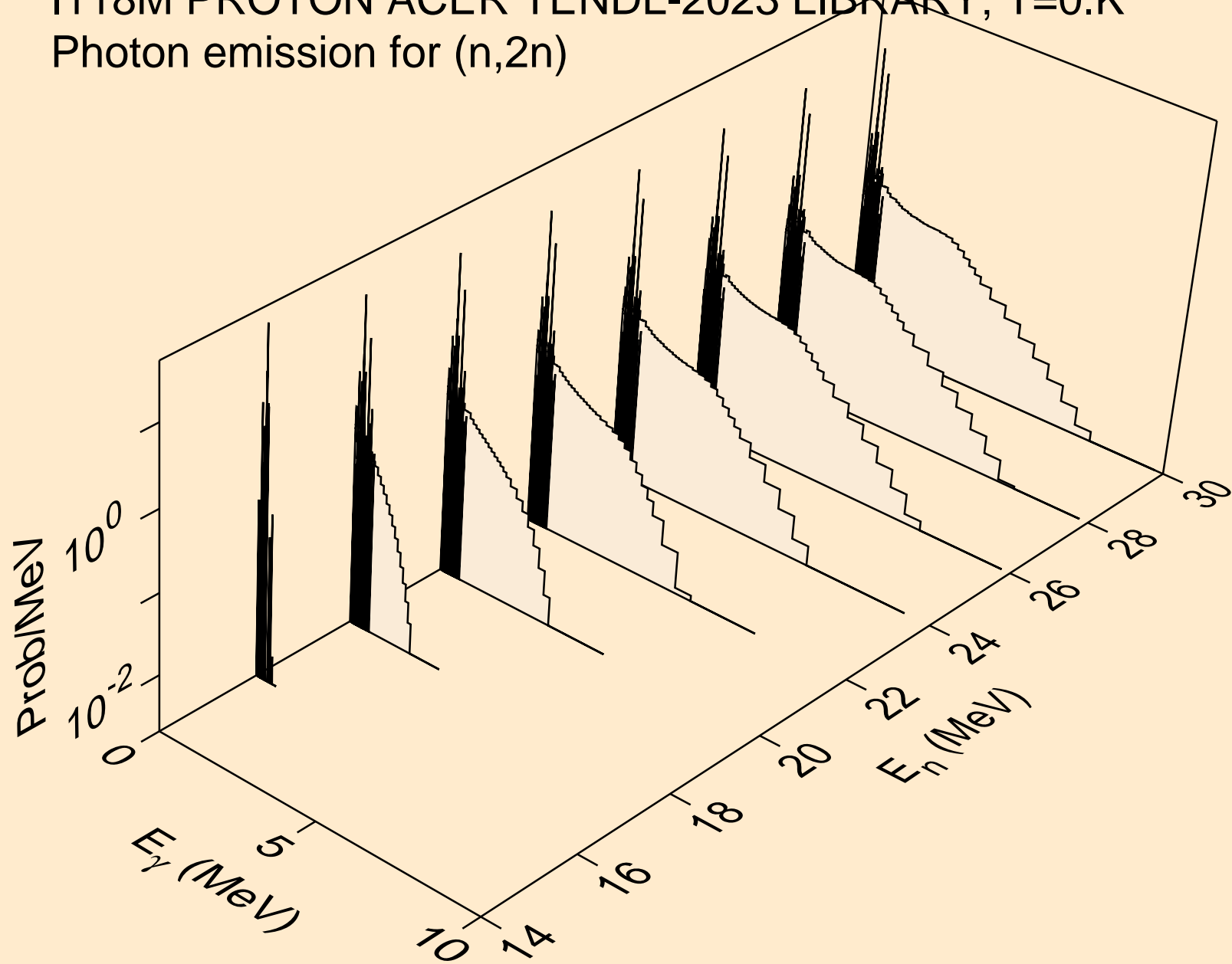
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Photon emission for (z,n)



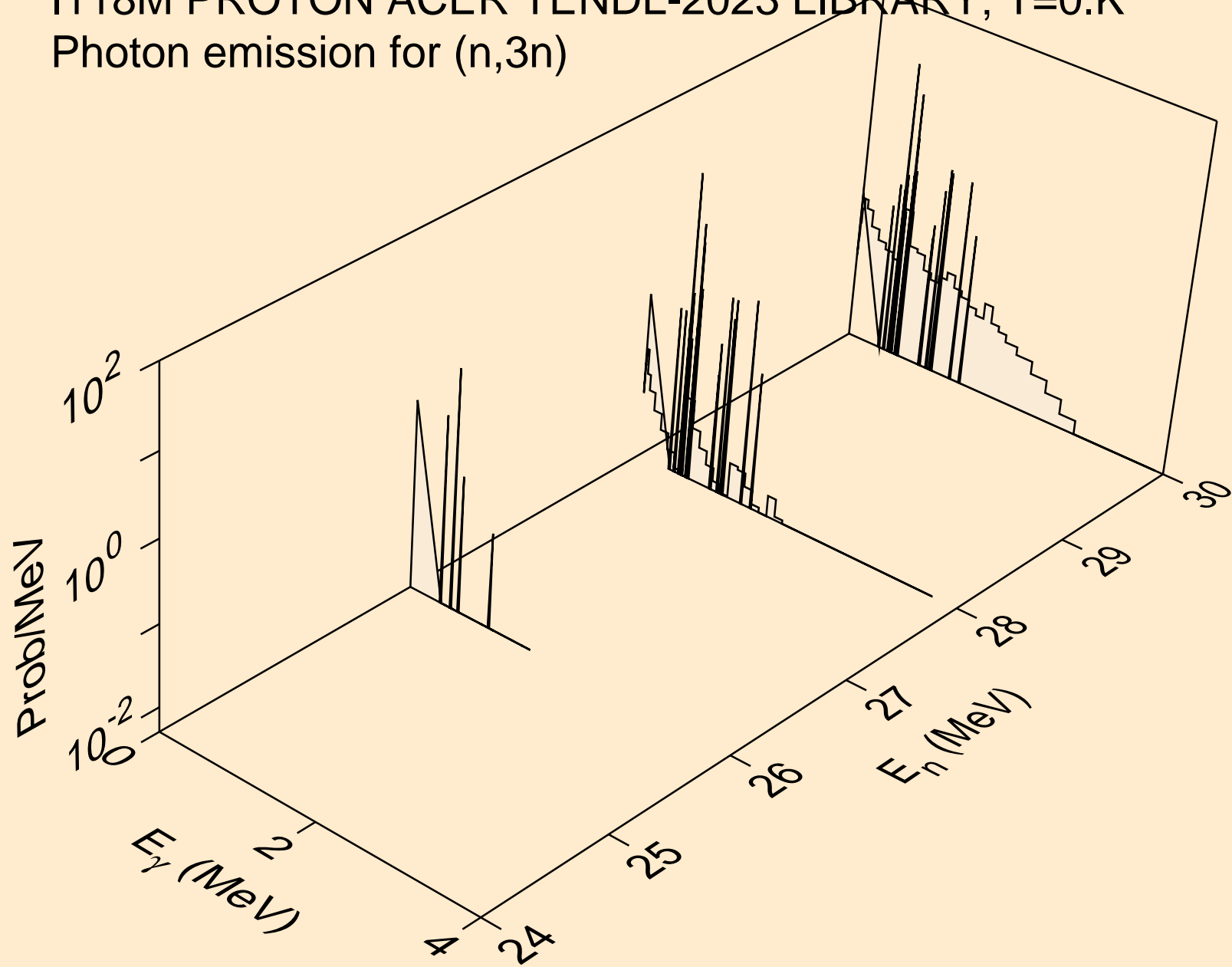
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Photon emission for (z,x)



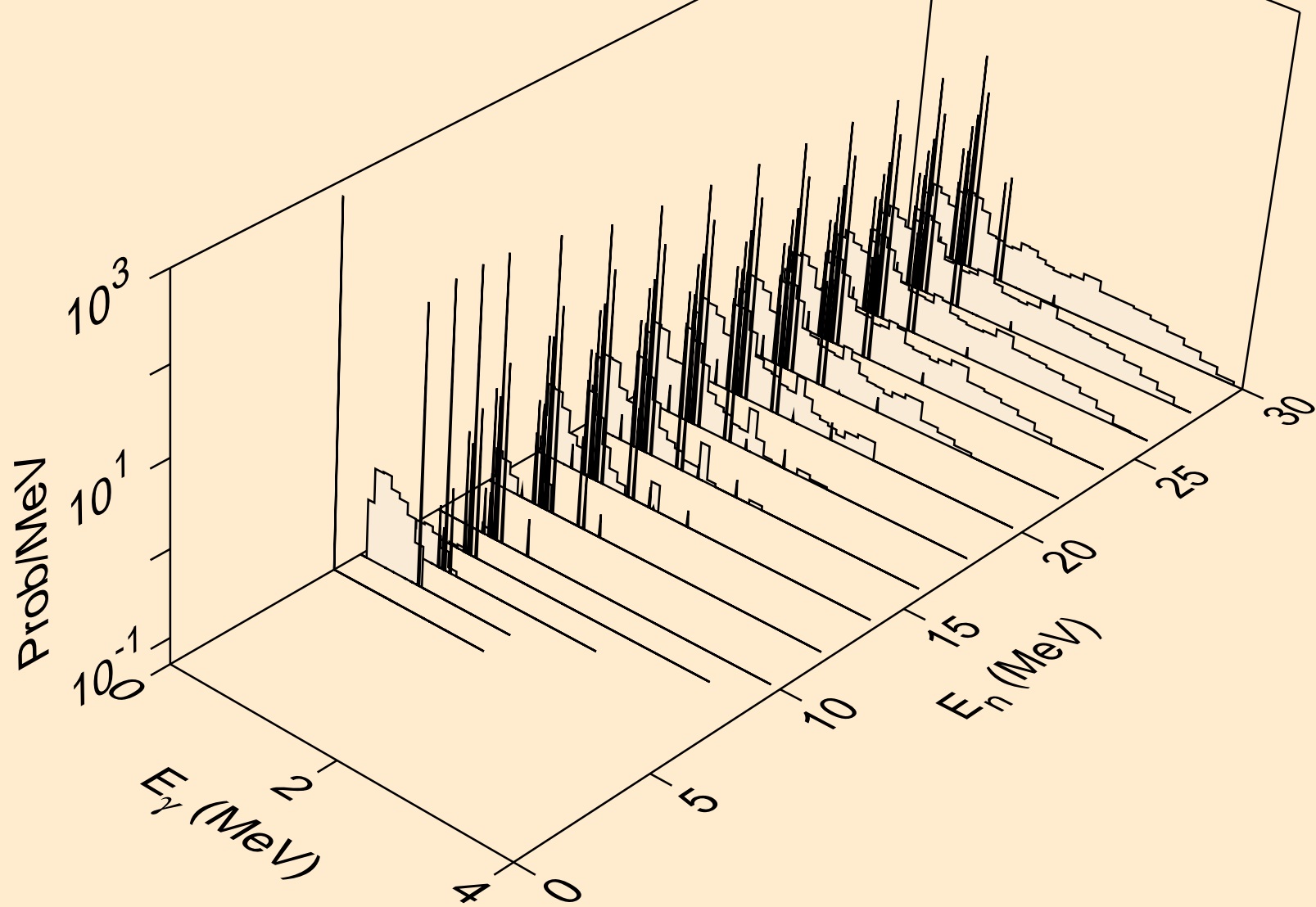
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

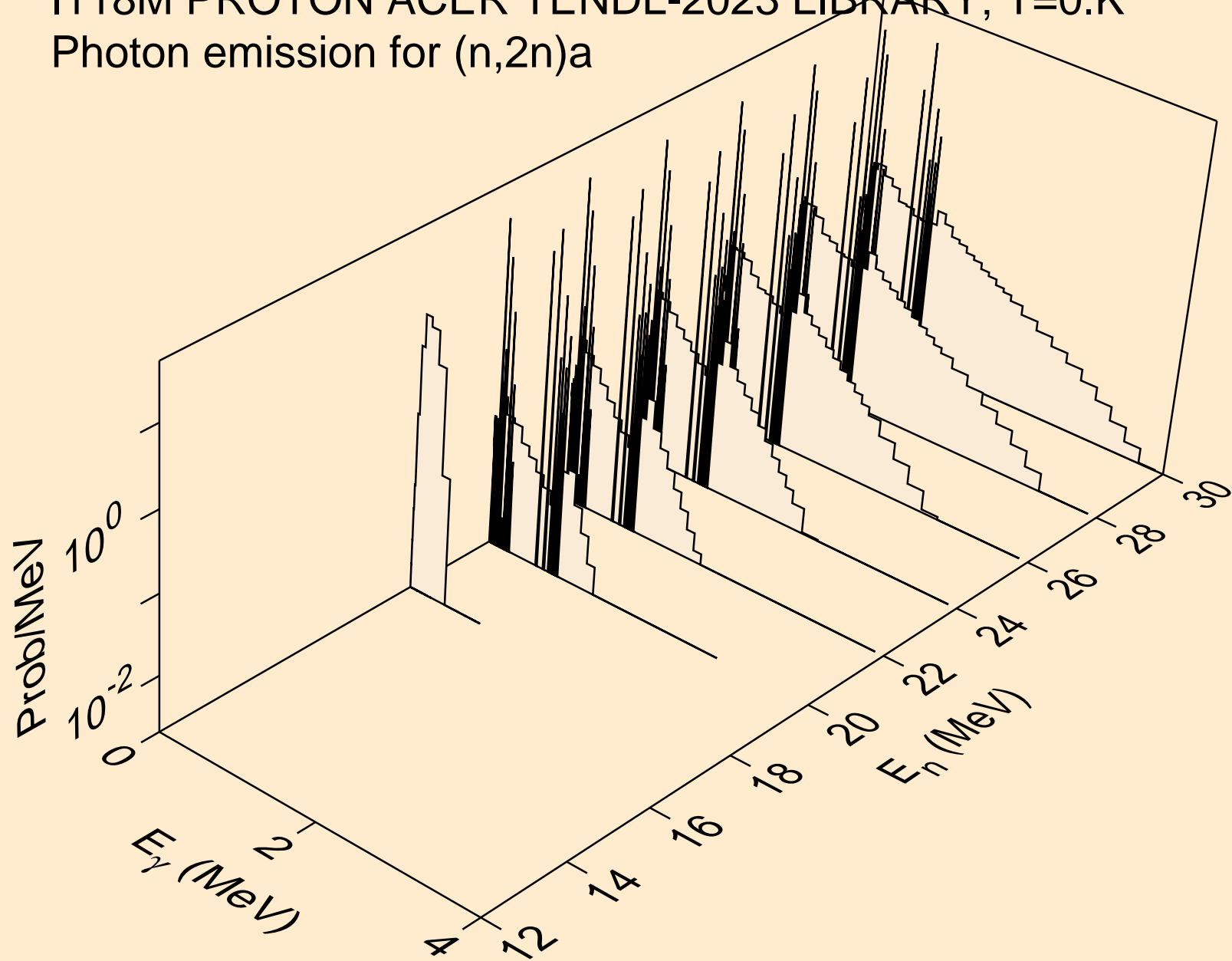


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Photon emission for (n,n\*)a

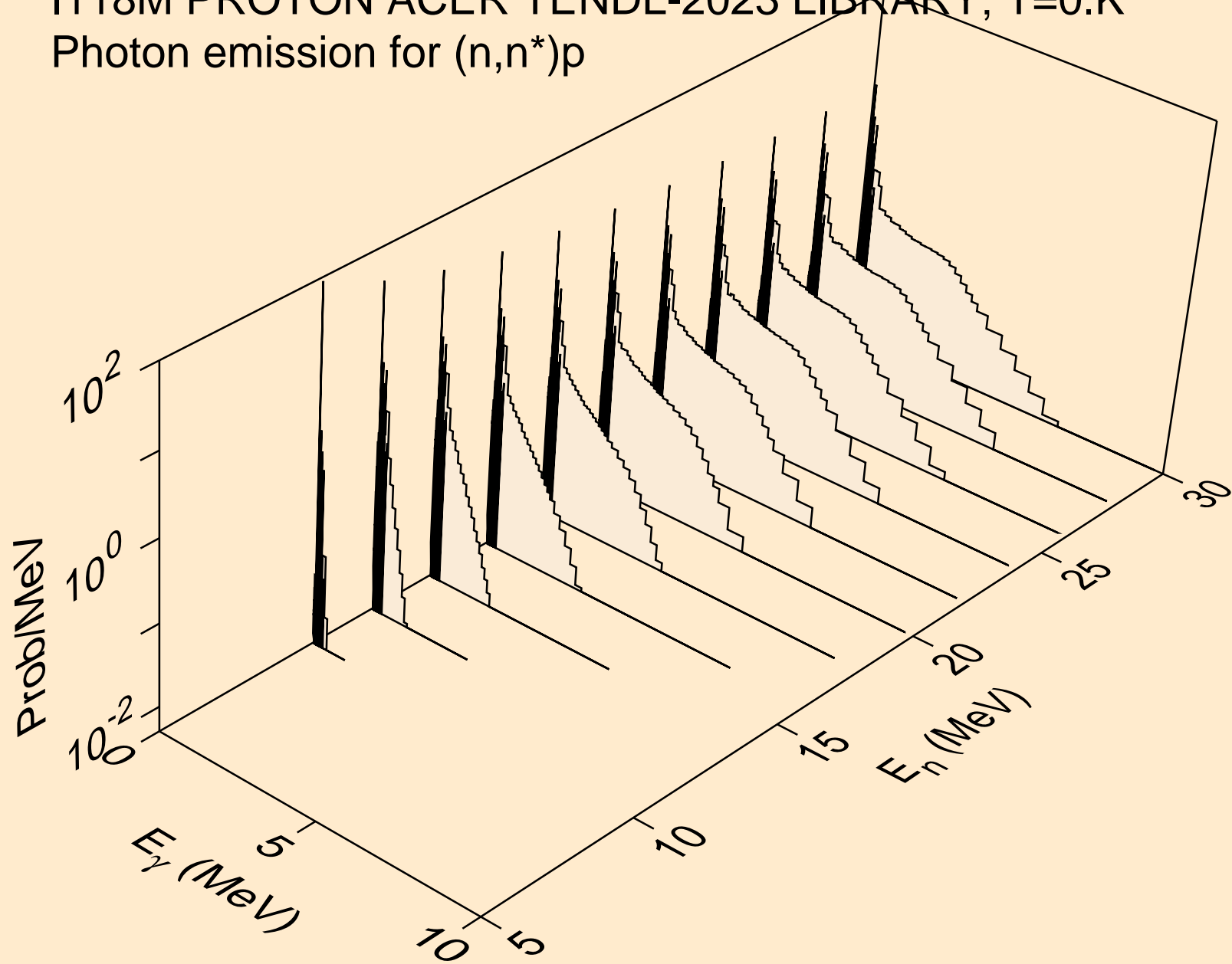




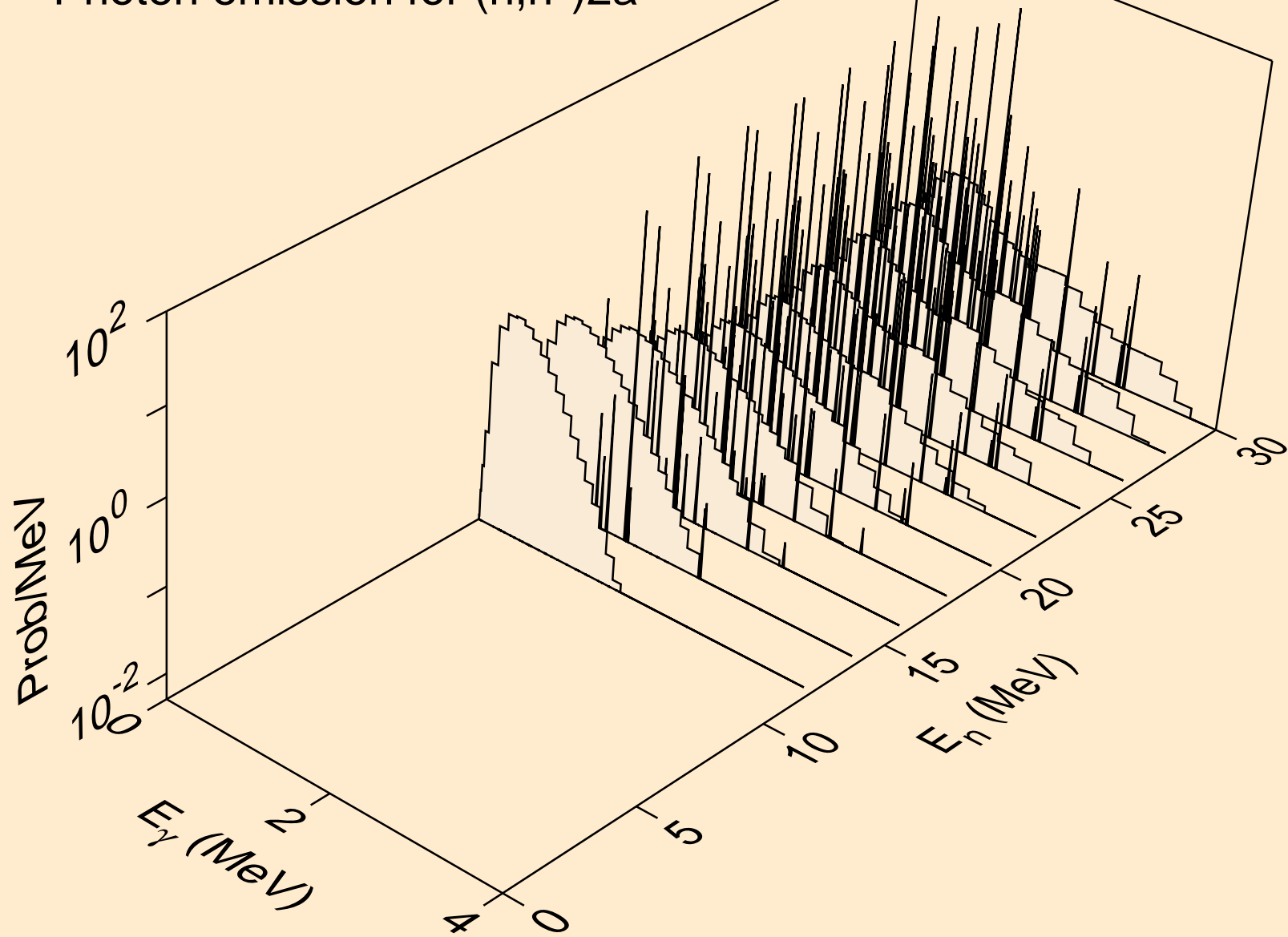
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Photon emission for (n,2n)a



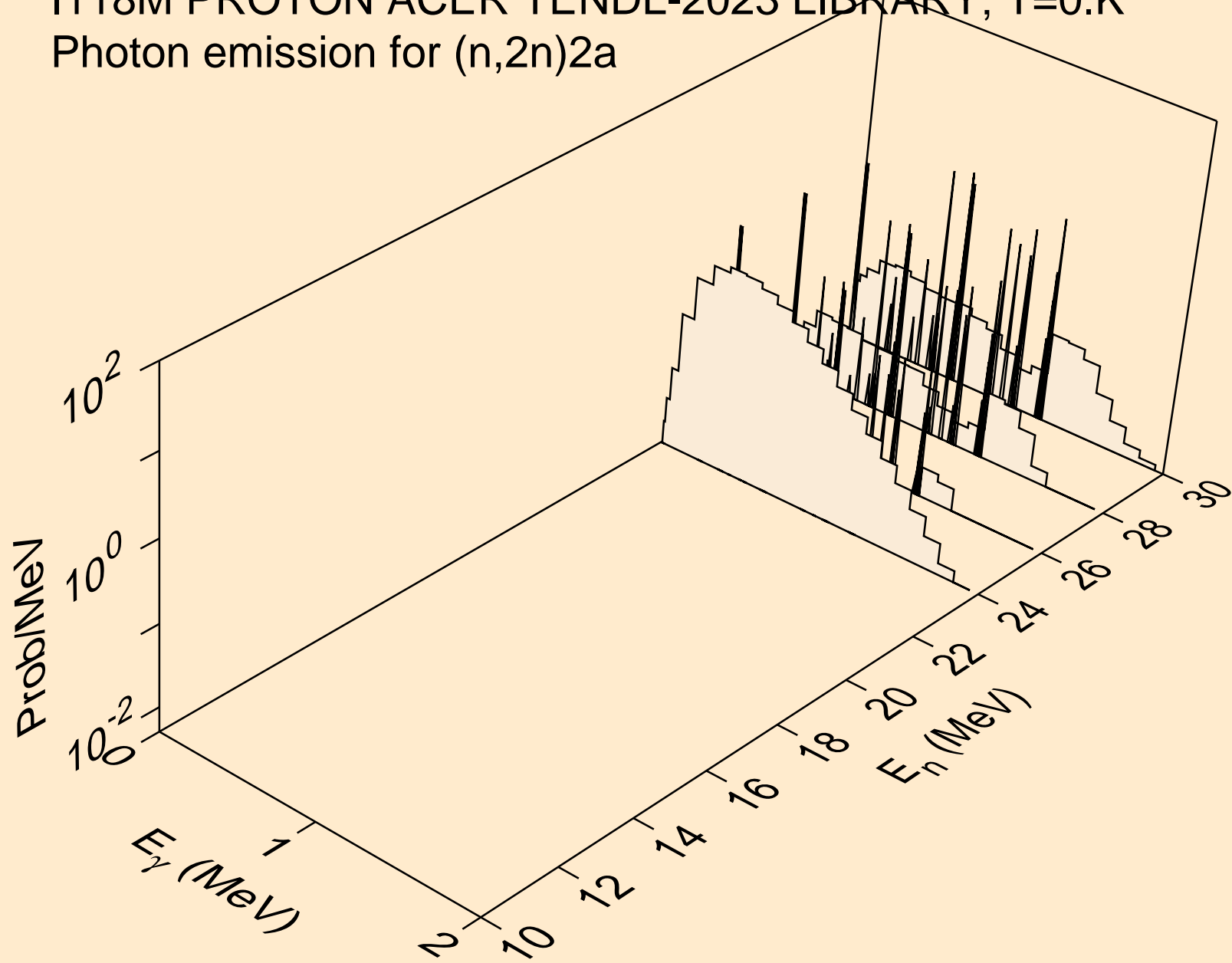
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Photon emission for (n,n\*)p



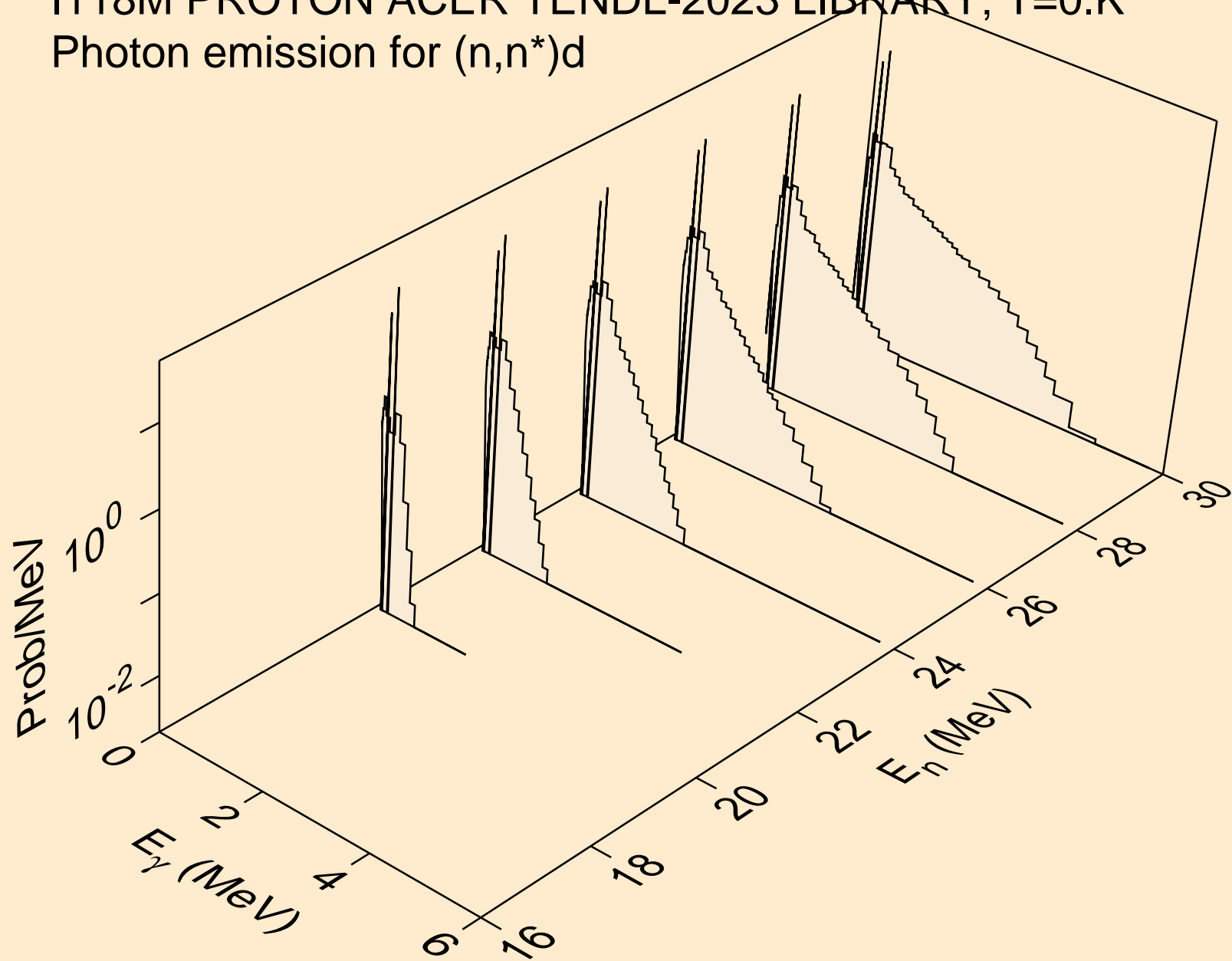
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Photon emission for (n,n\*)2a



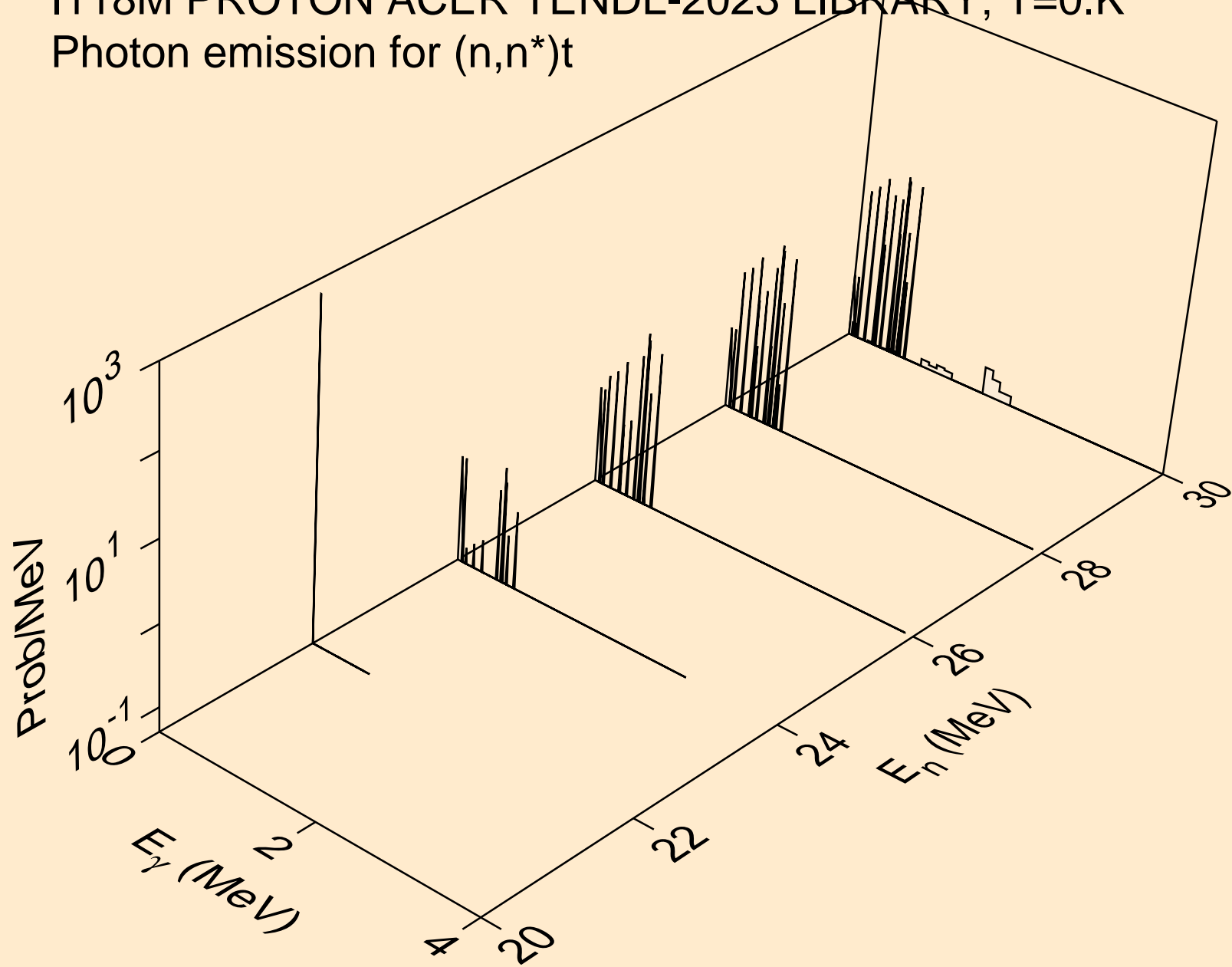
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Photon emission for (n,2n)2a



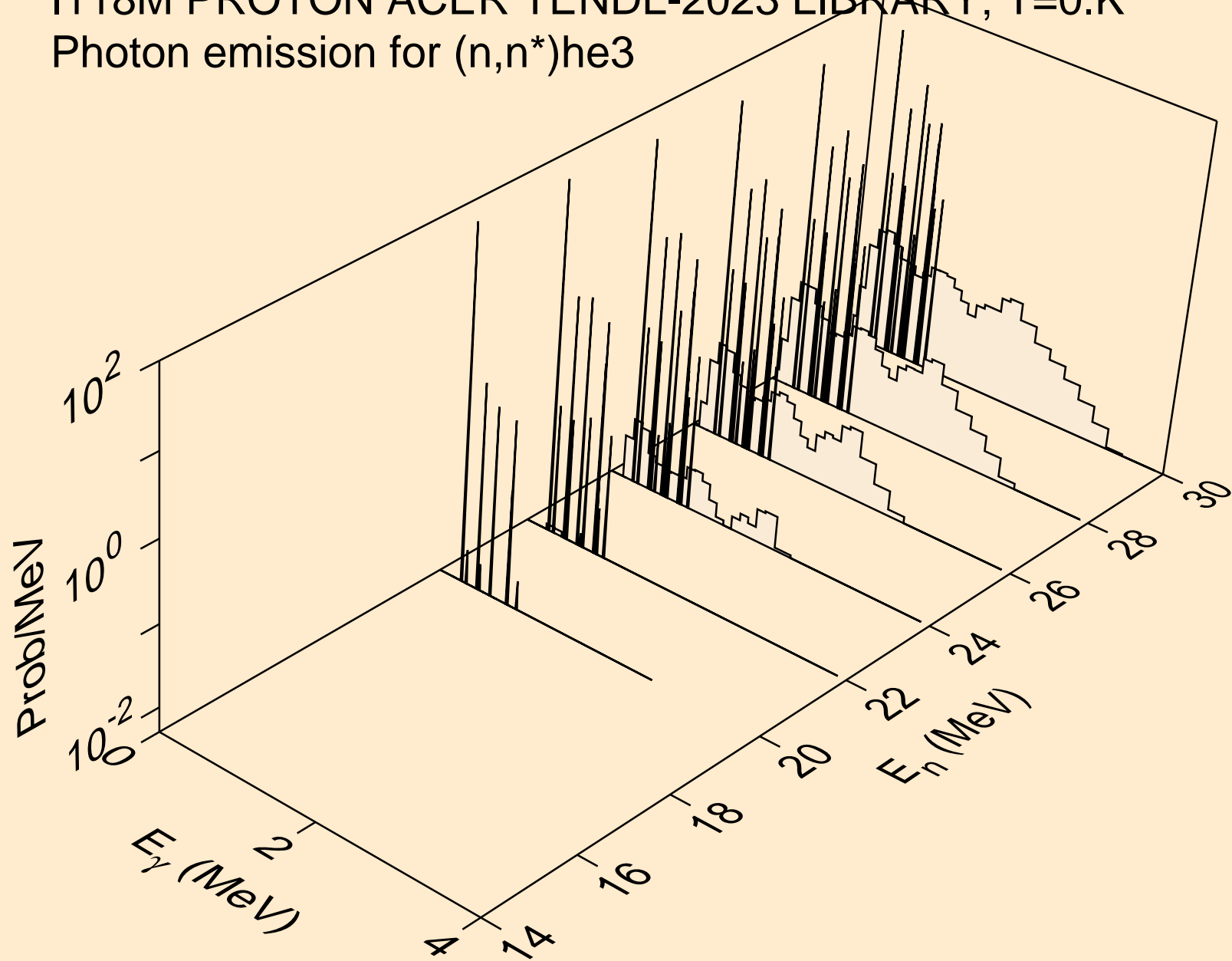
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Photon emission for (n,n\*)d



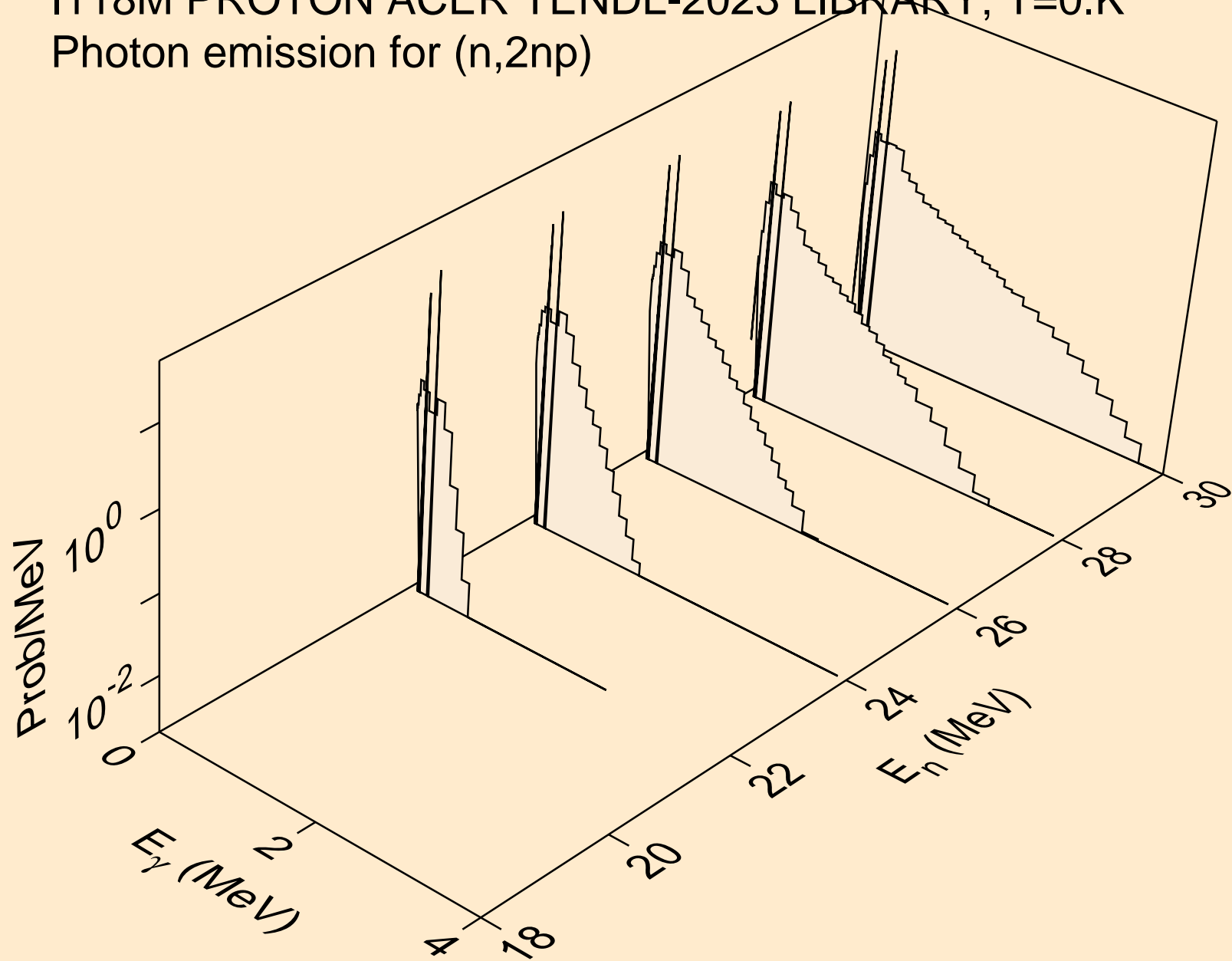
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Photon emission for (n,n\*)t



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

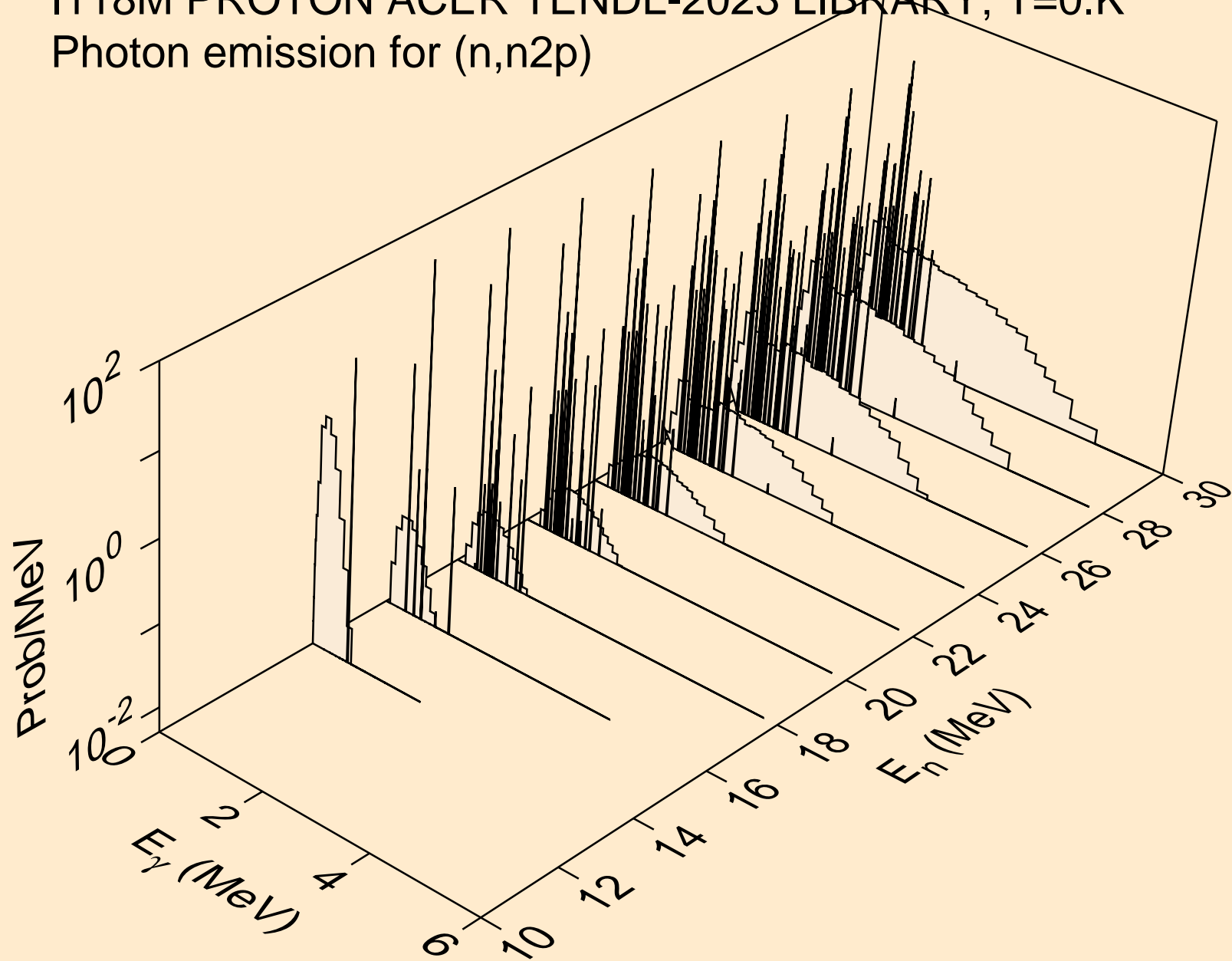


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Photon emission for (n,2np)

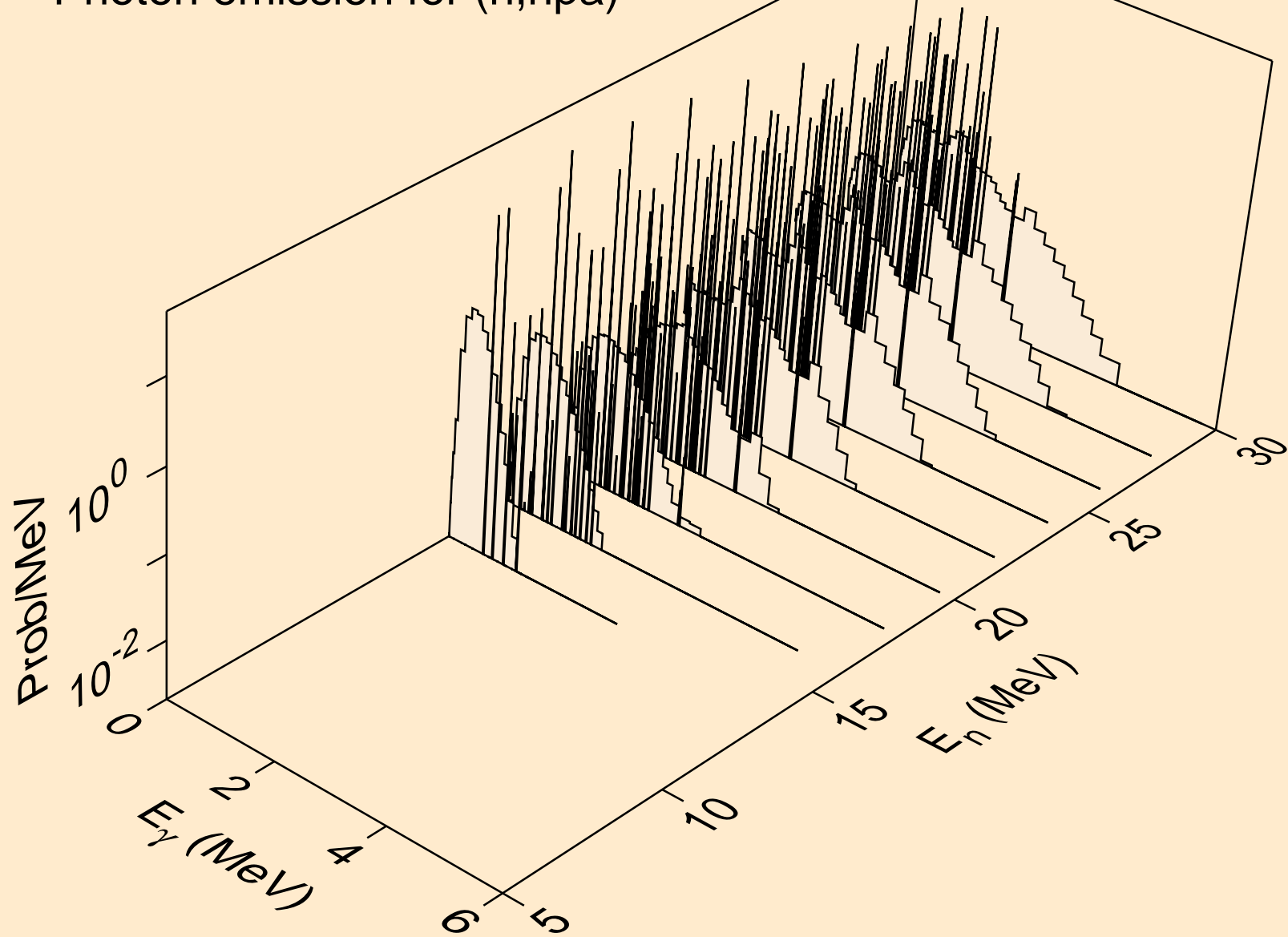




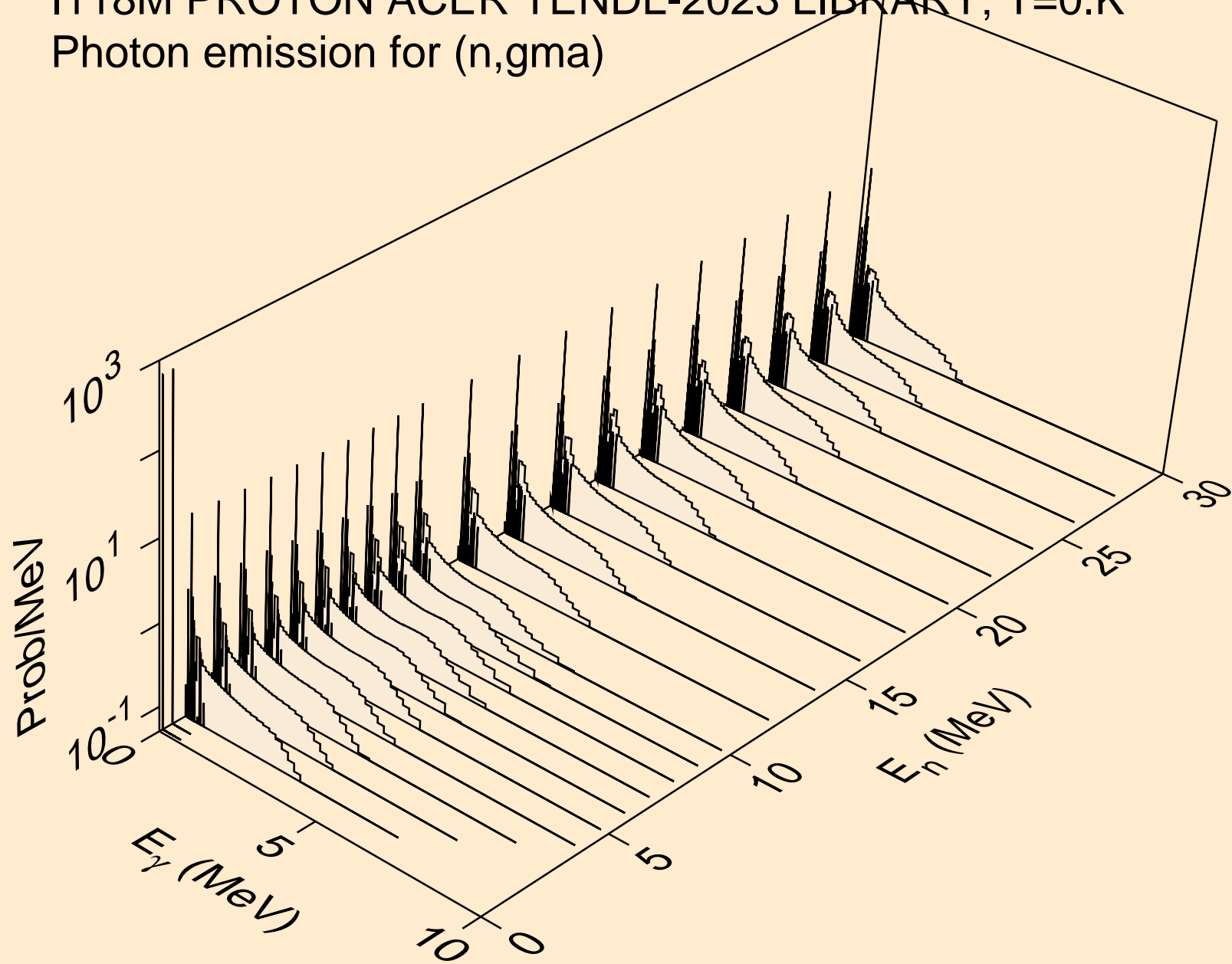
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Photon emission for (n,n2p)



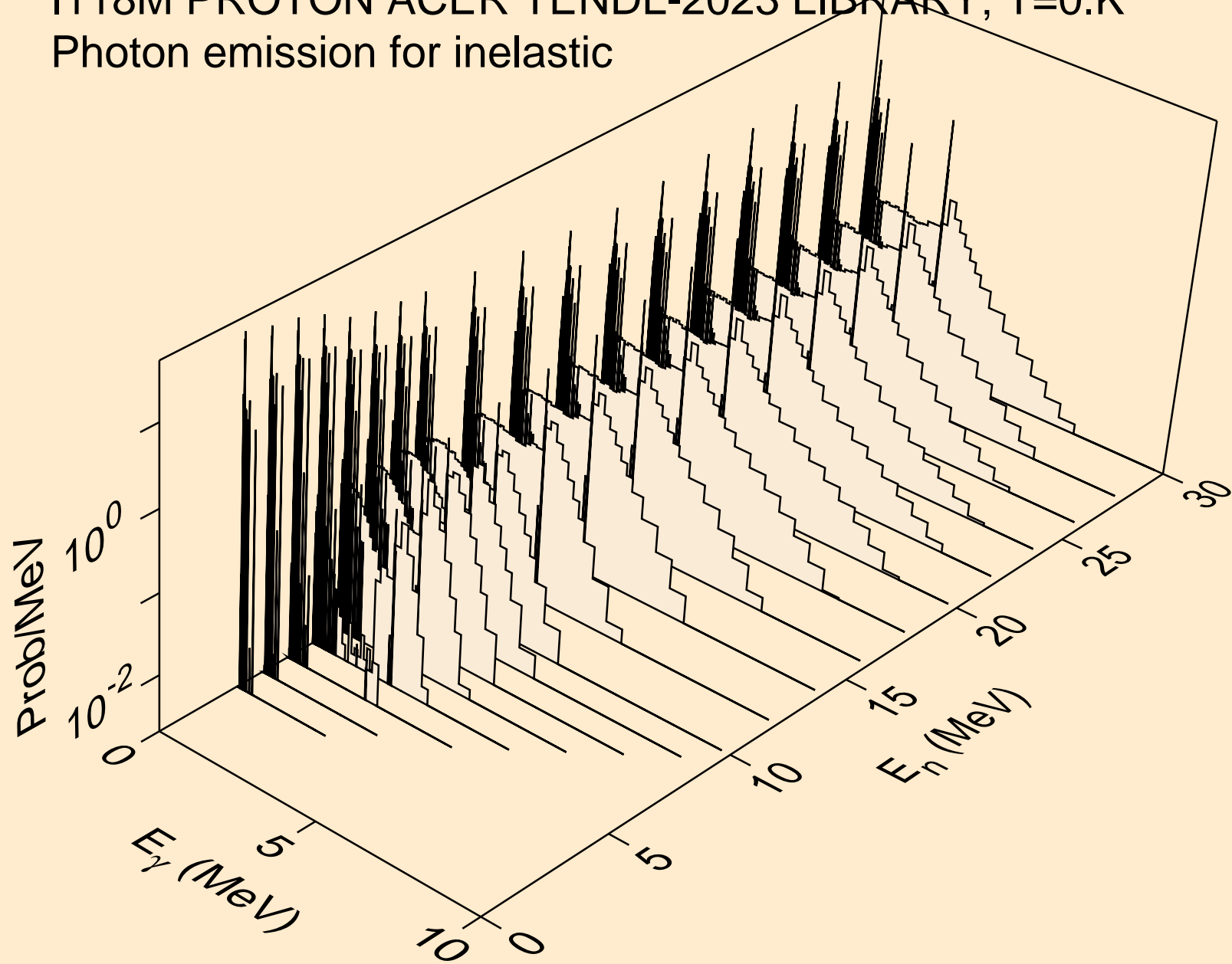
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Photon emission for (n,npa)



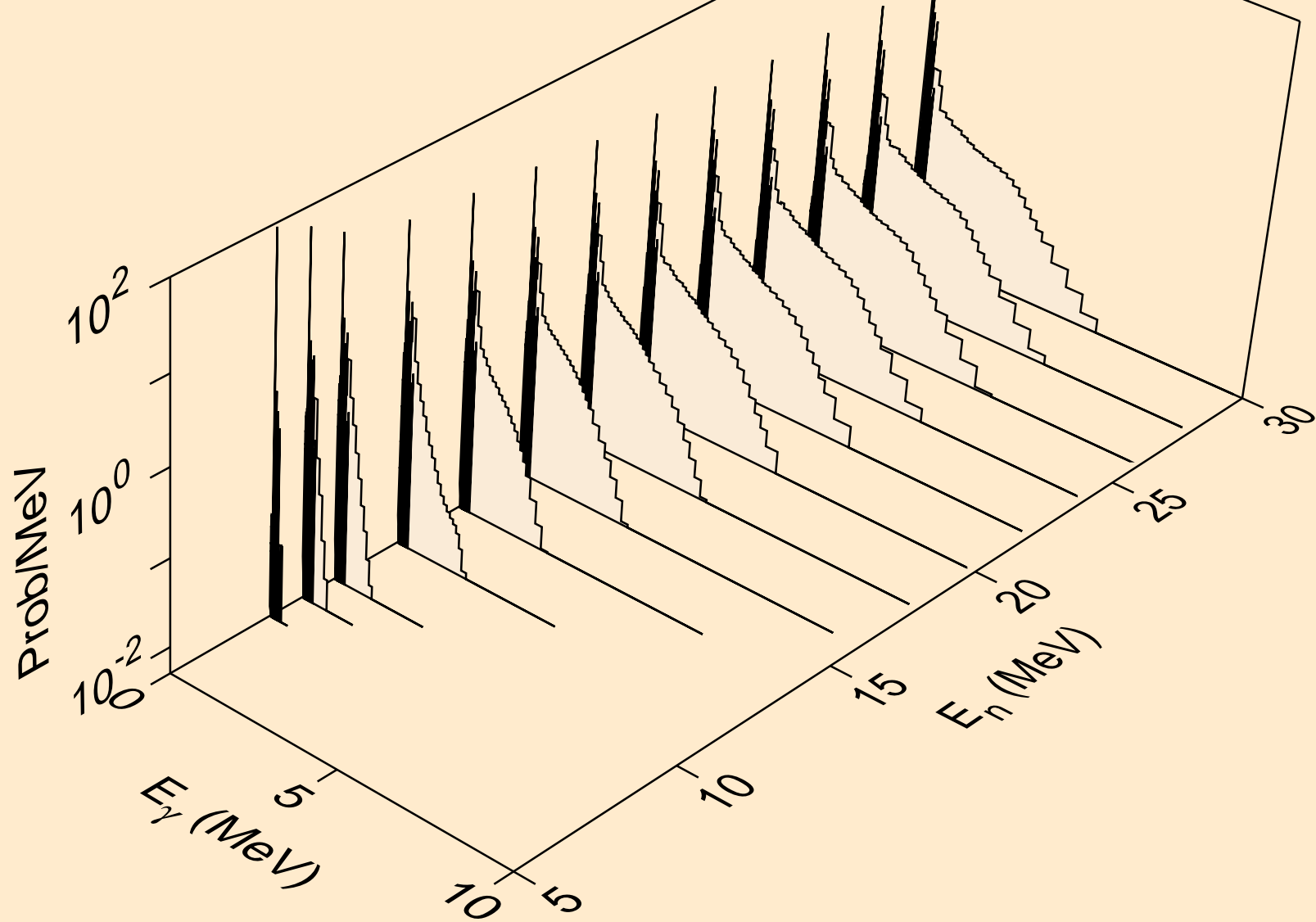
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Photon emission for (n,gma)



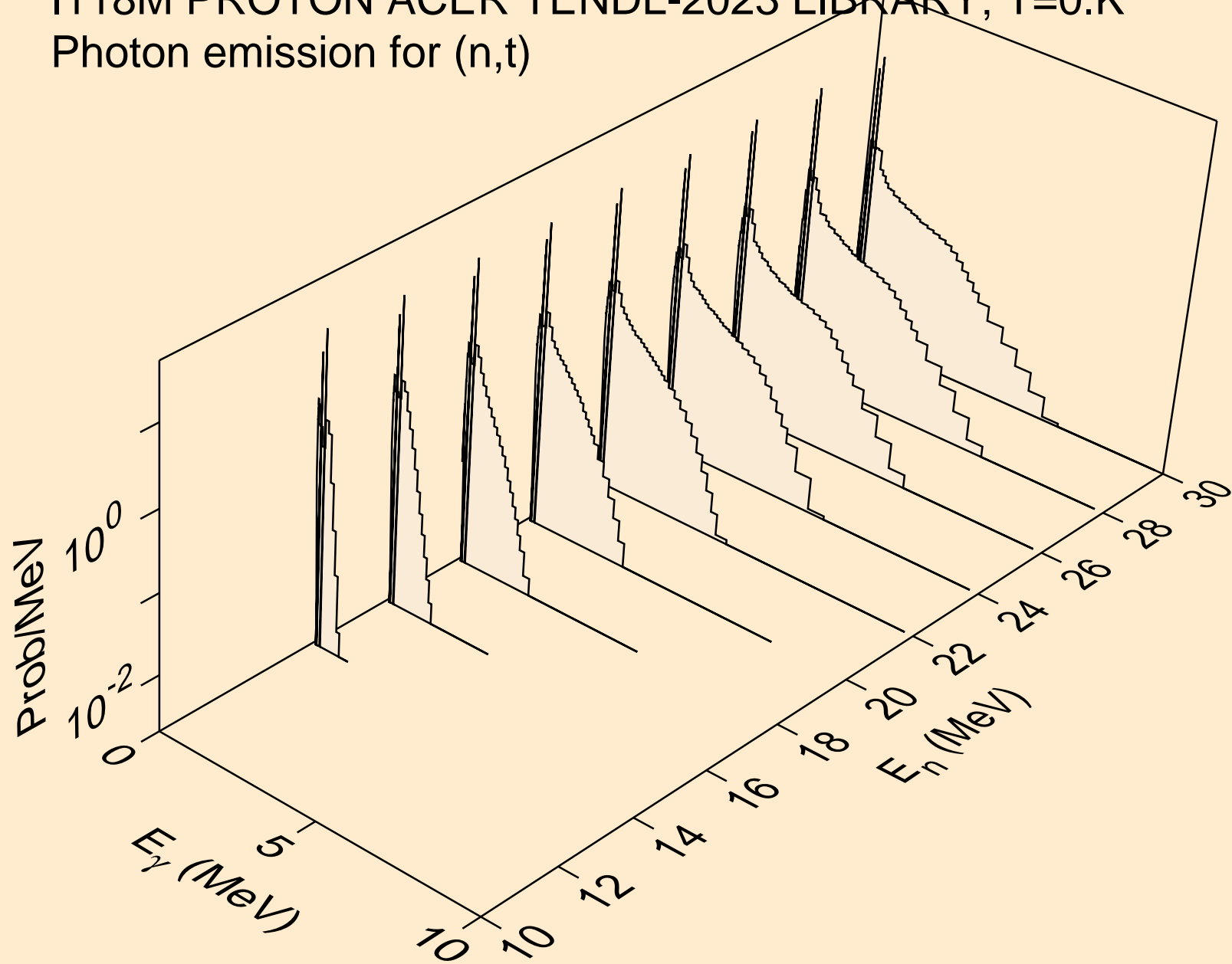
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Photon emission for inelastic



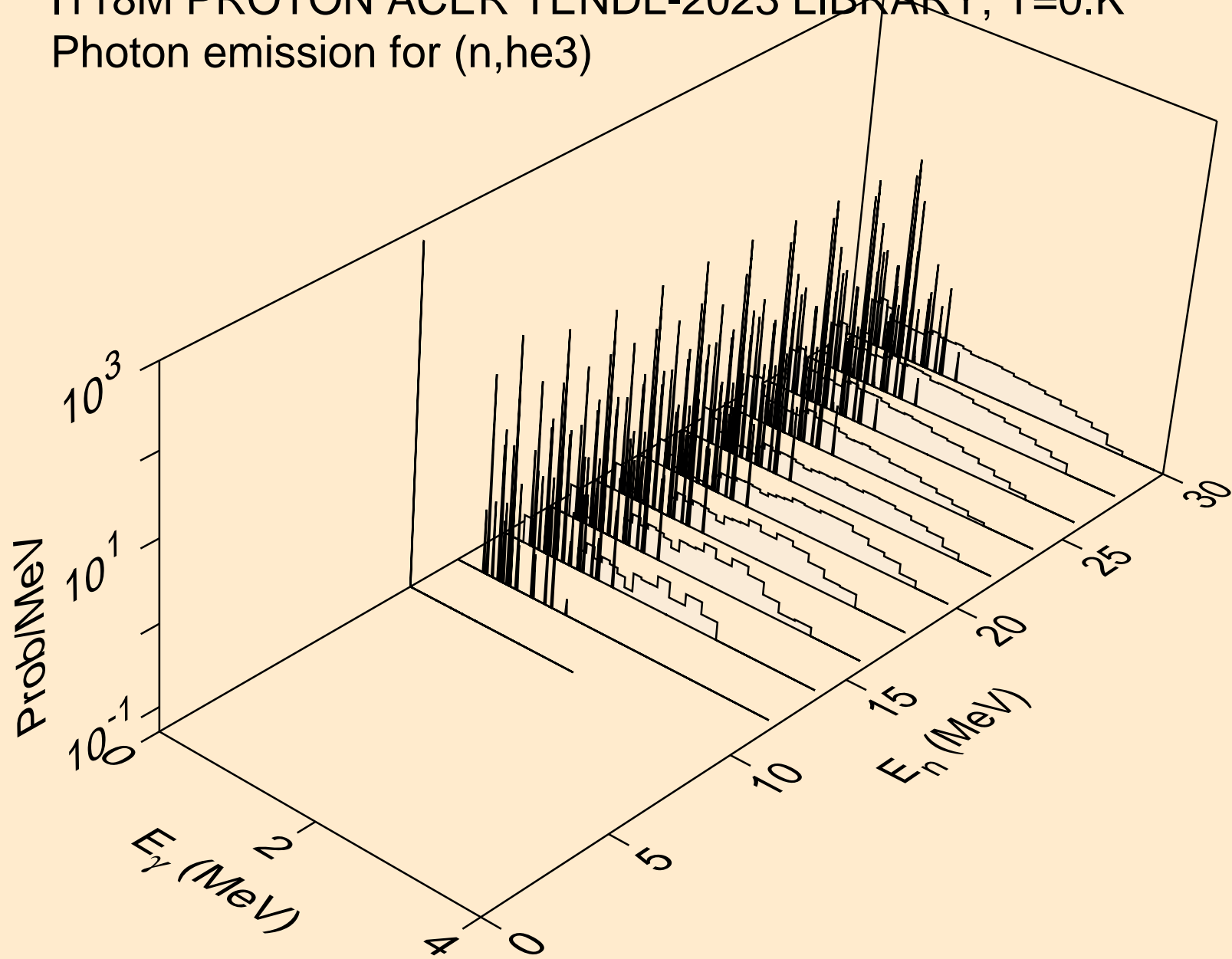
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Photon emission for (n,d)



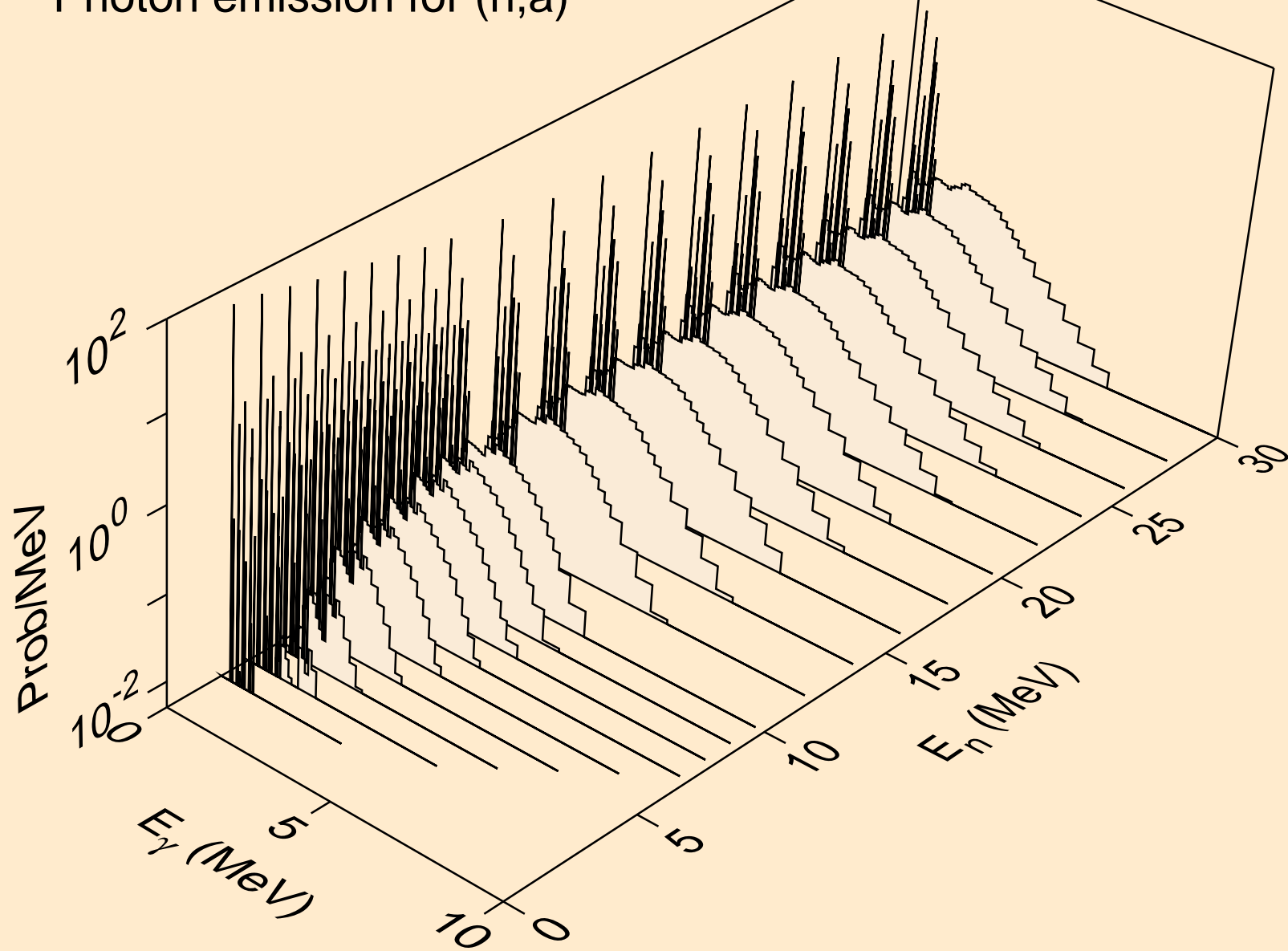
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Photon emission for (n,t)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

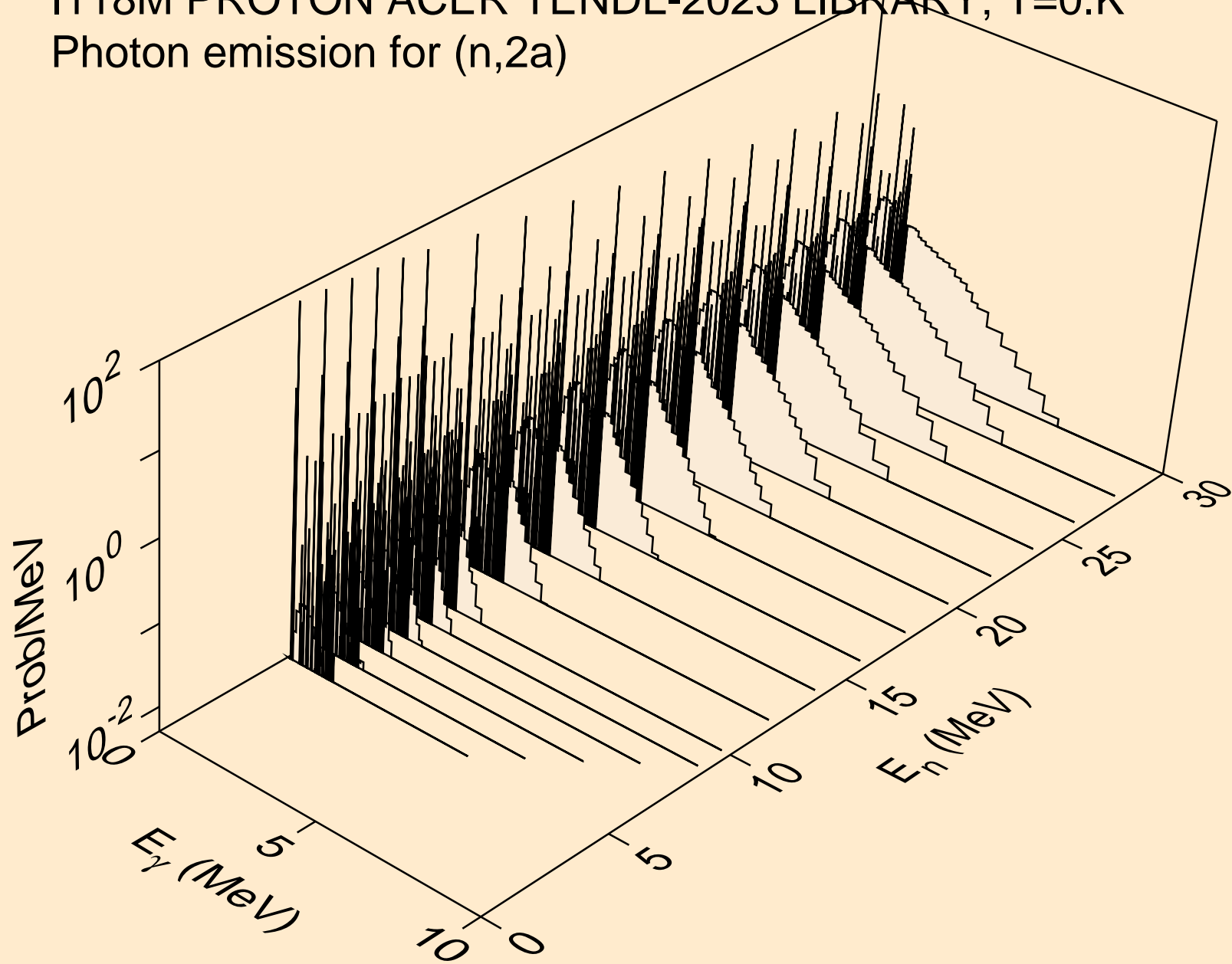


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Photon emission for (n,a)

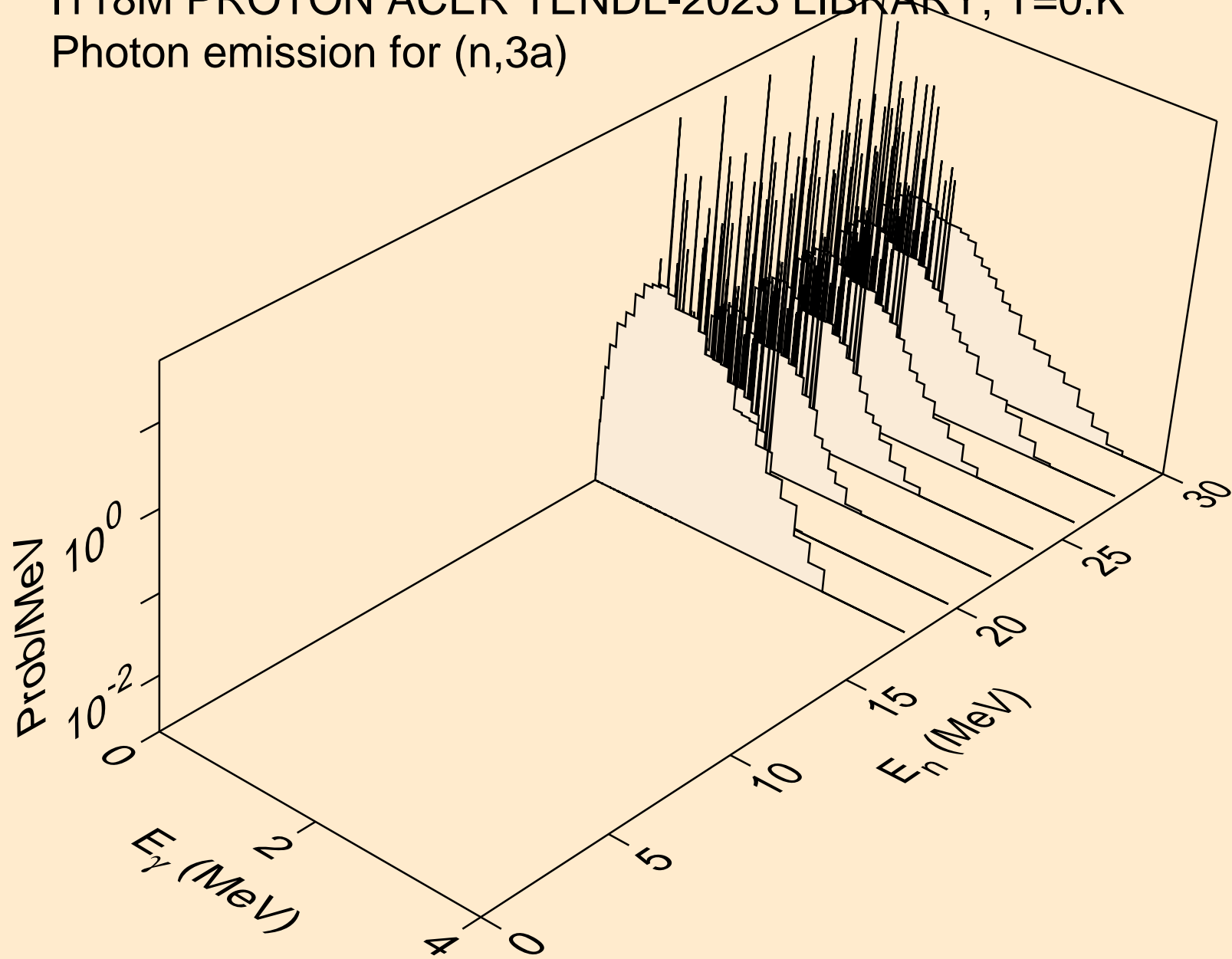




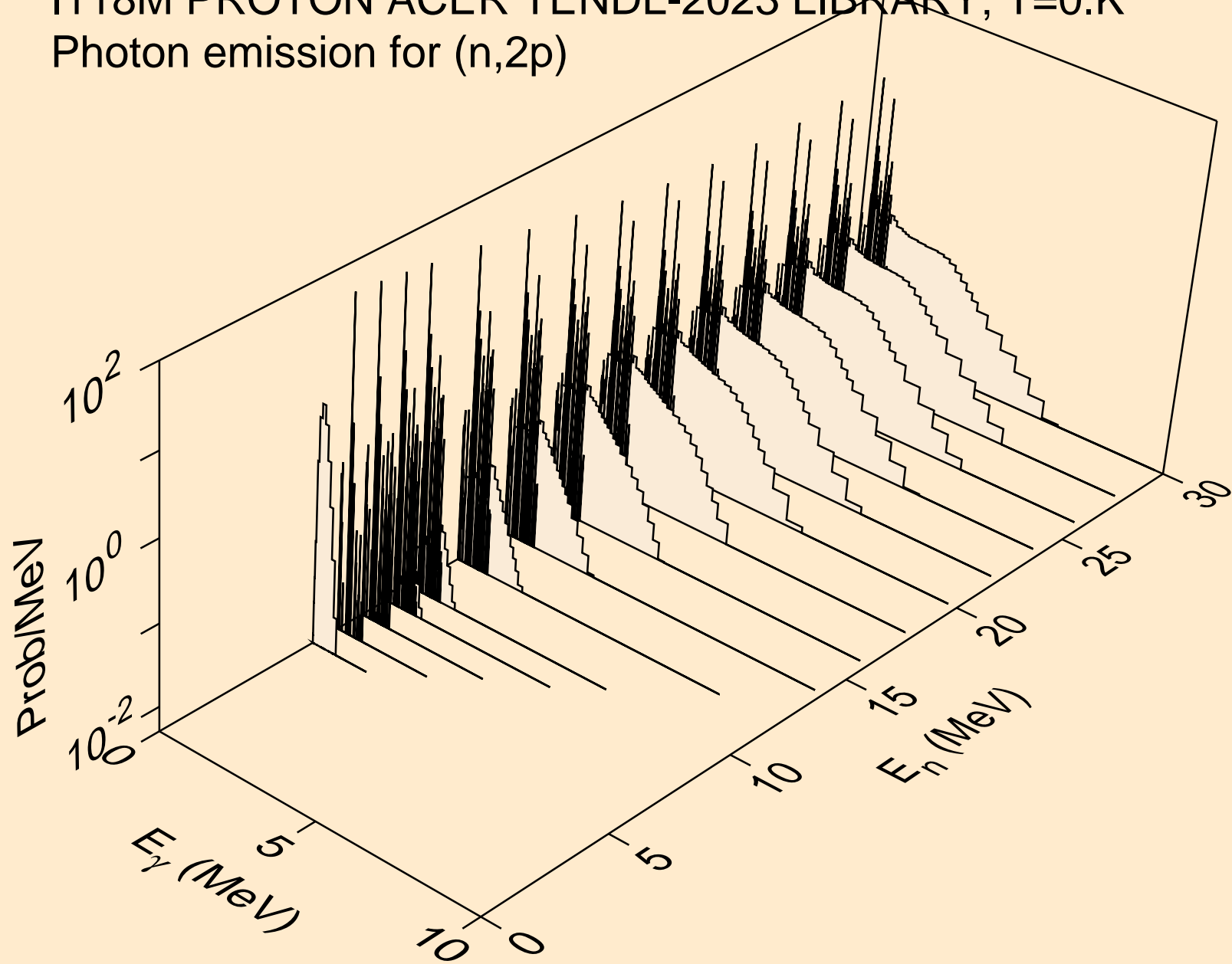
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Photon emission for (n,2a)



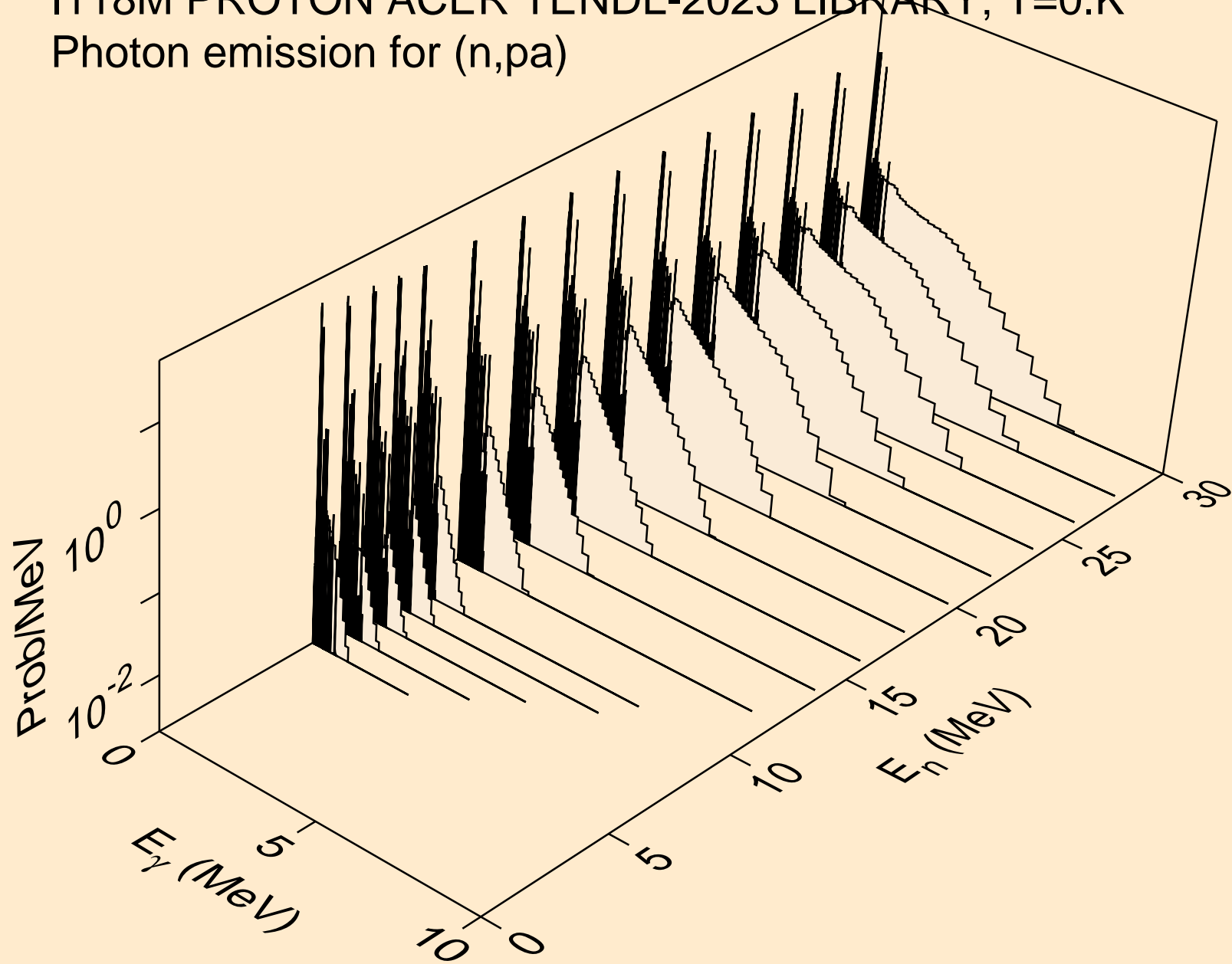
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Photon emission for (n,3a)



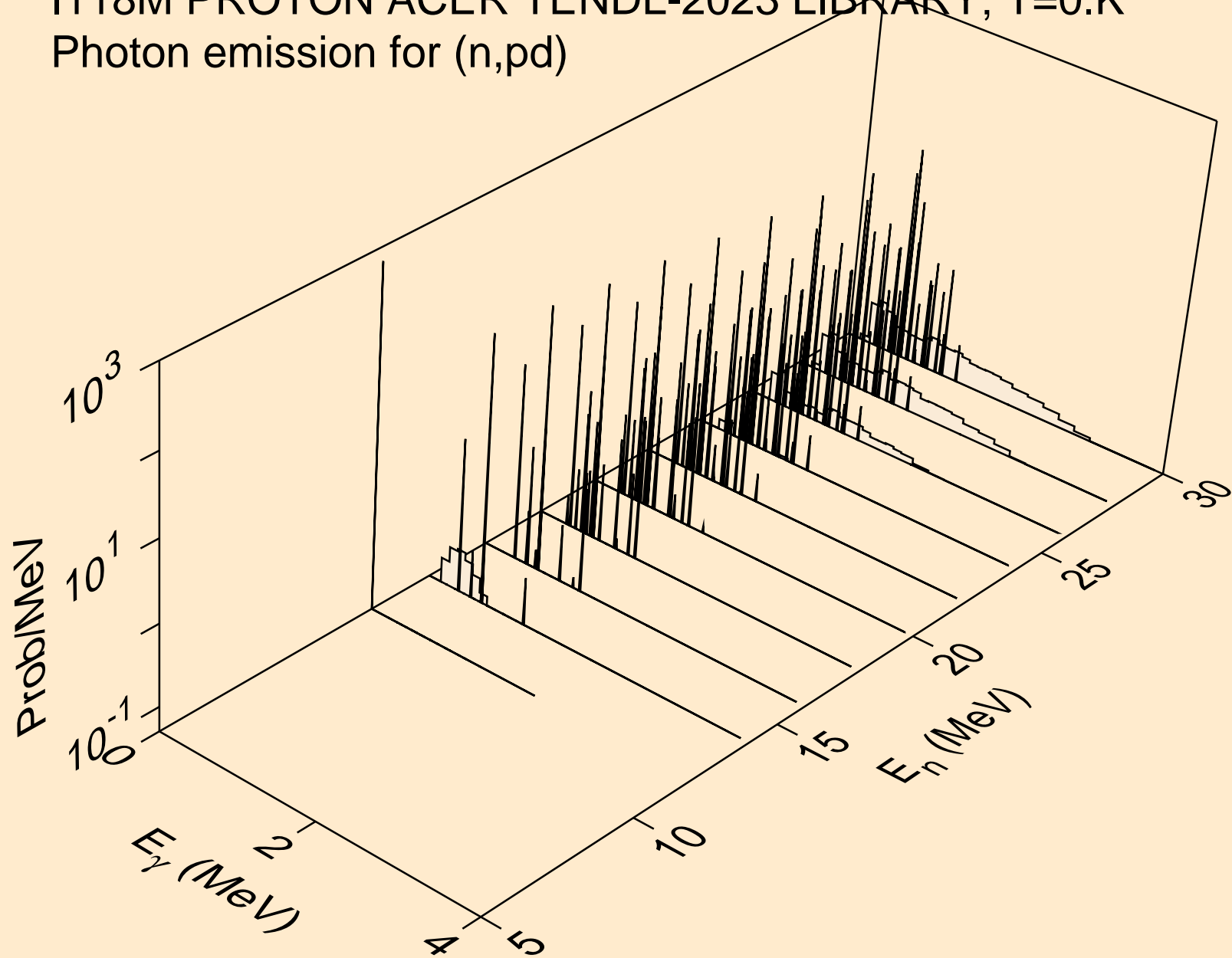
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Photon emission for (n,2p)



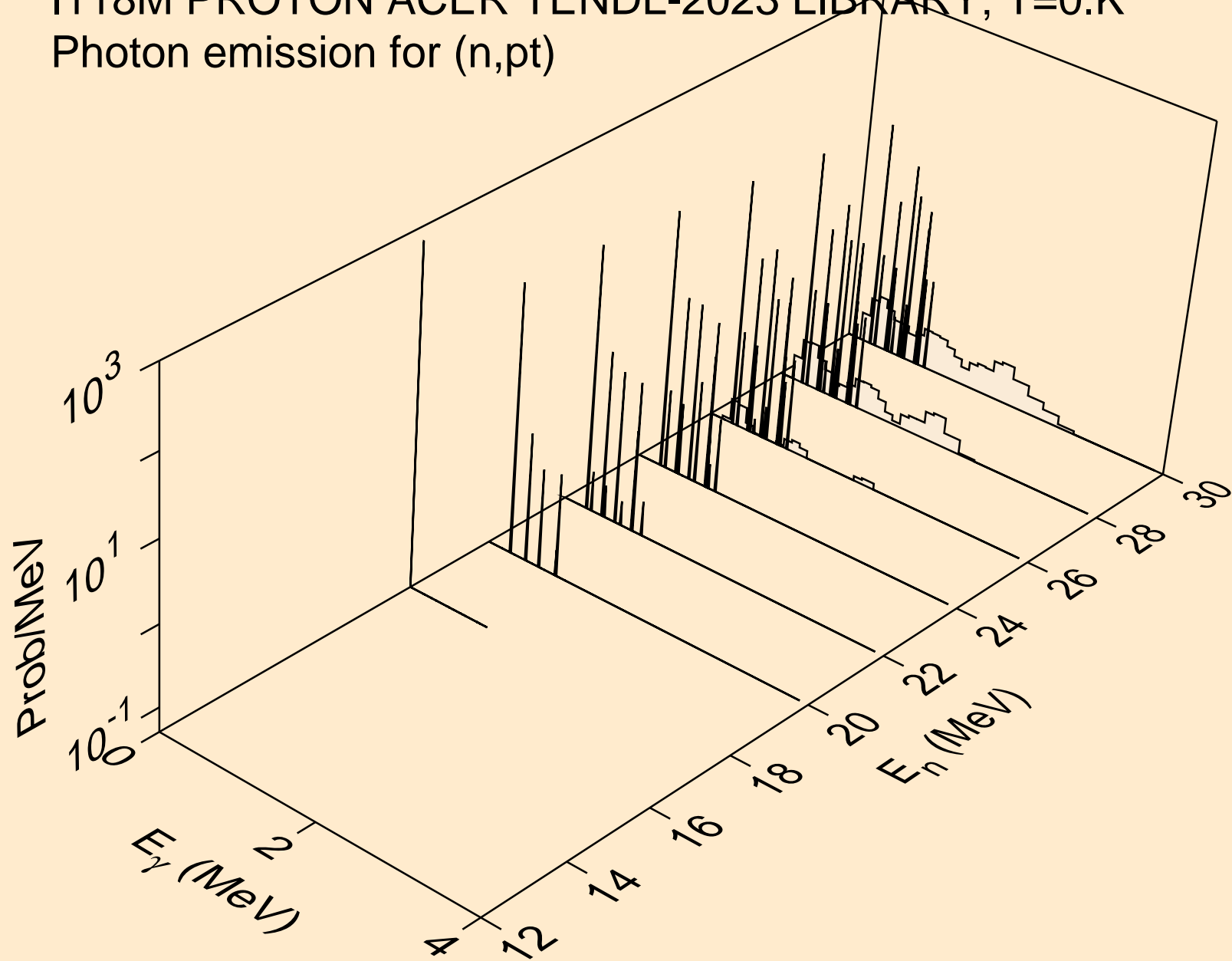
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Photon emission for (n,pa)



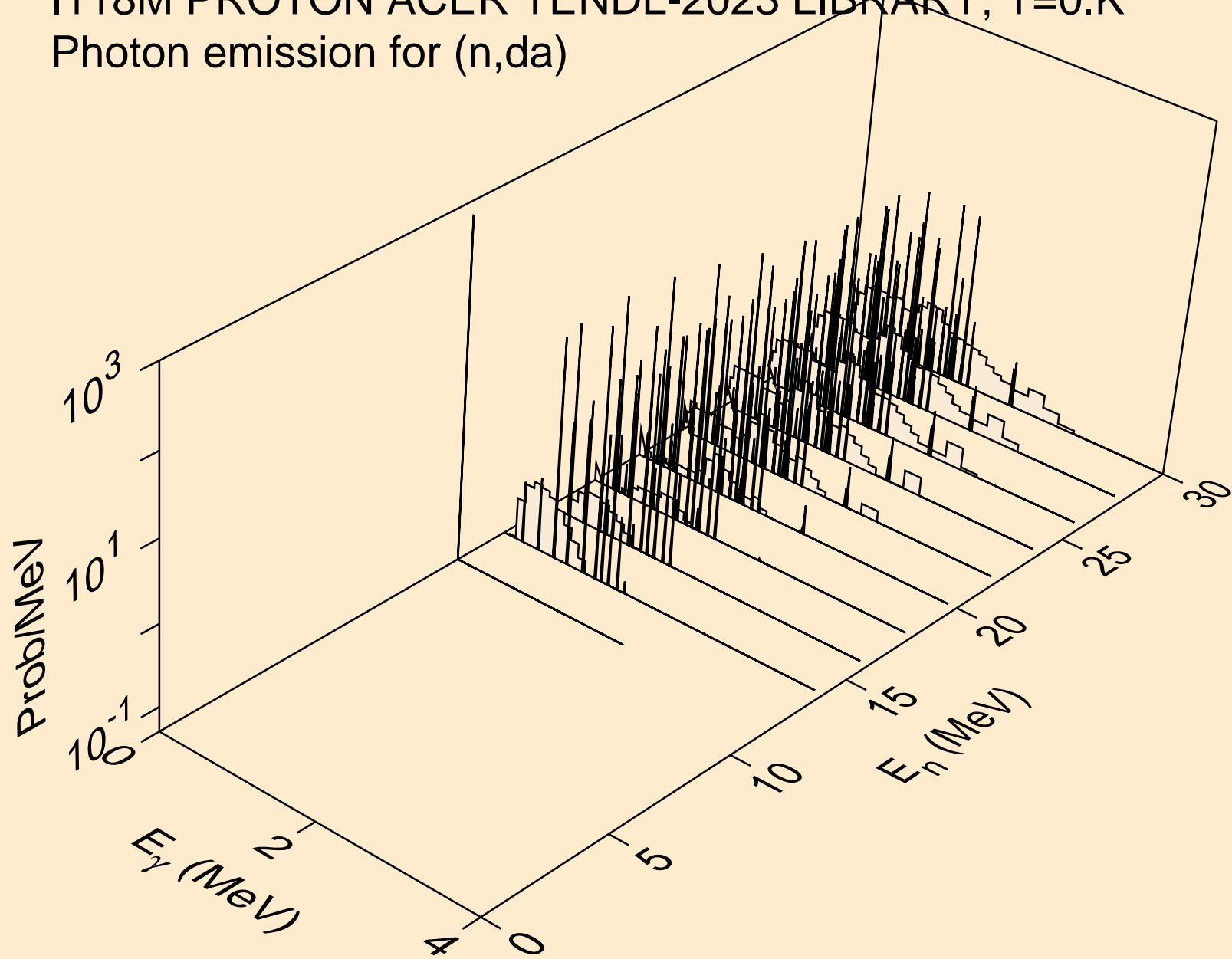
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Photon emission for (n,pd)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

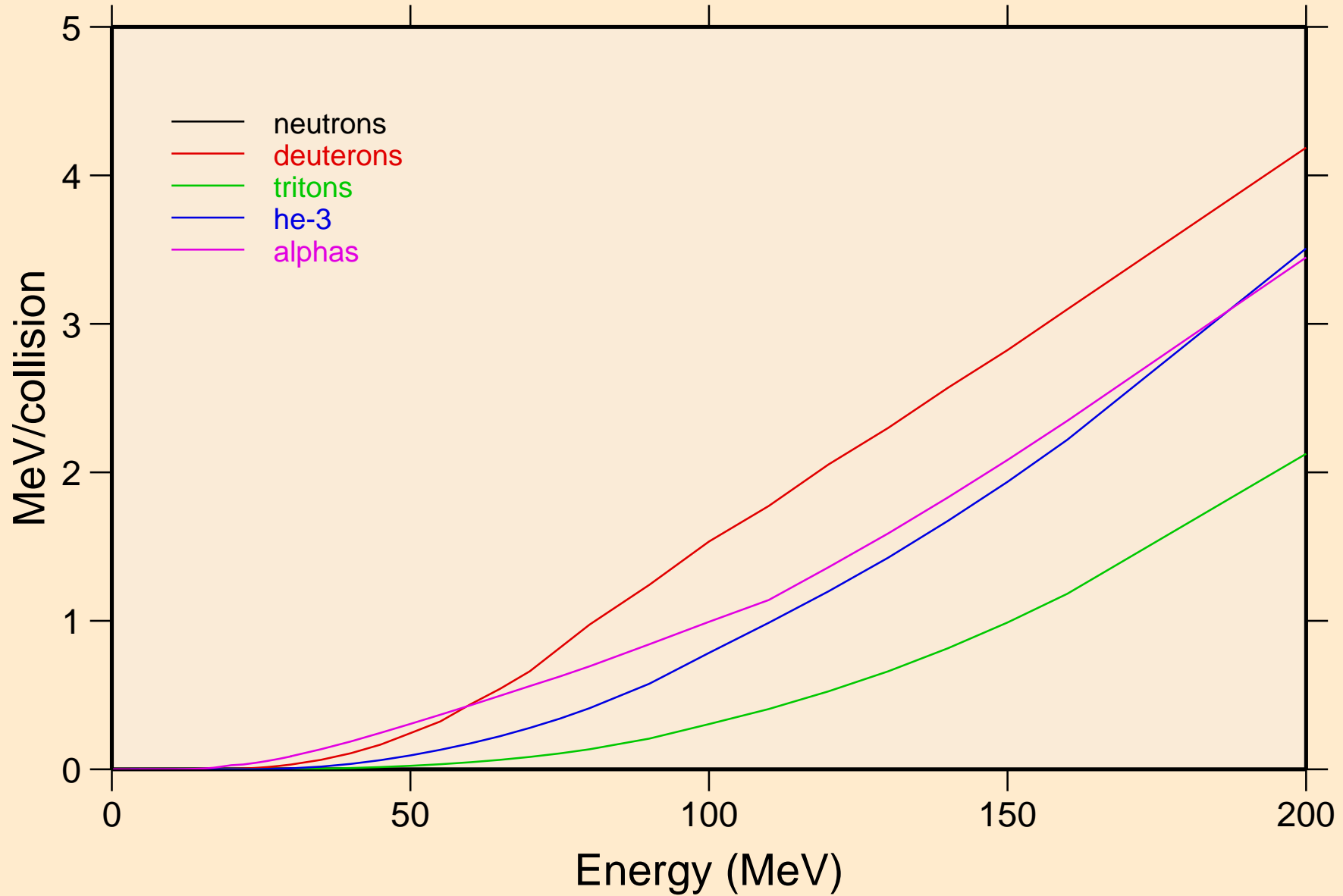


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Photon emission for (n,da)



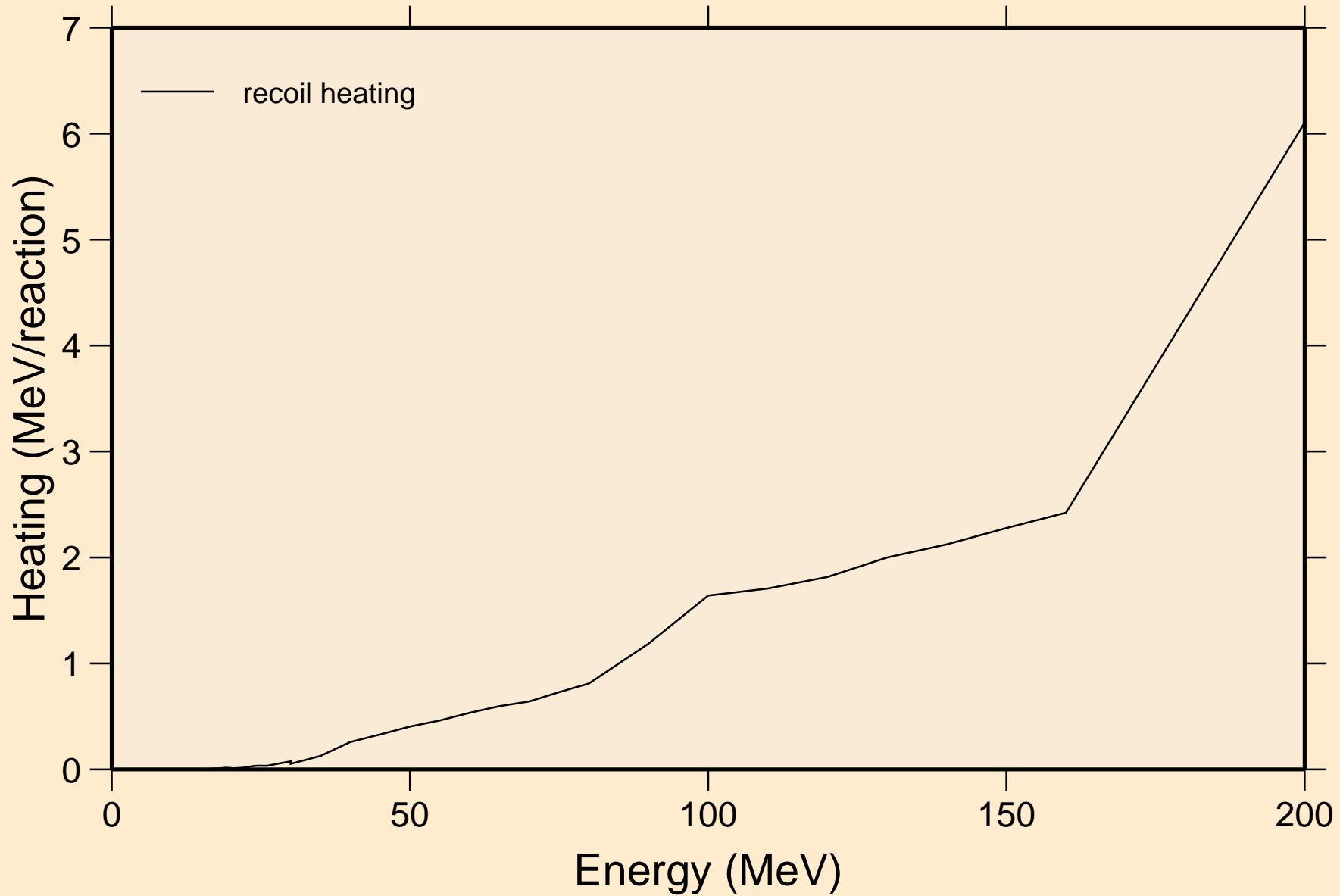
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## Particle heating contributions

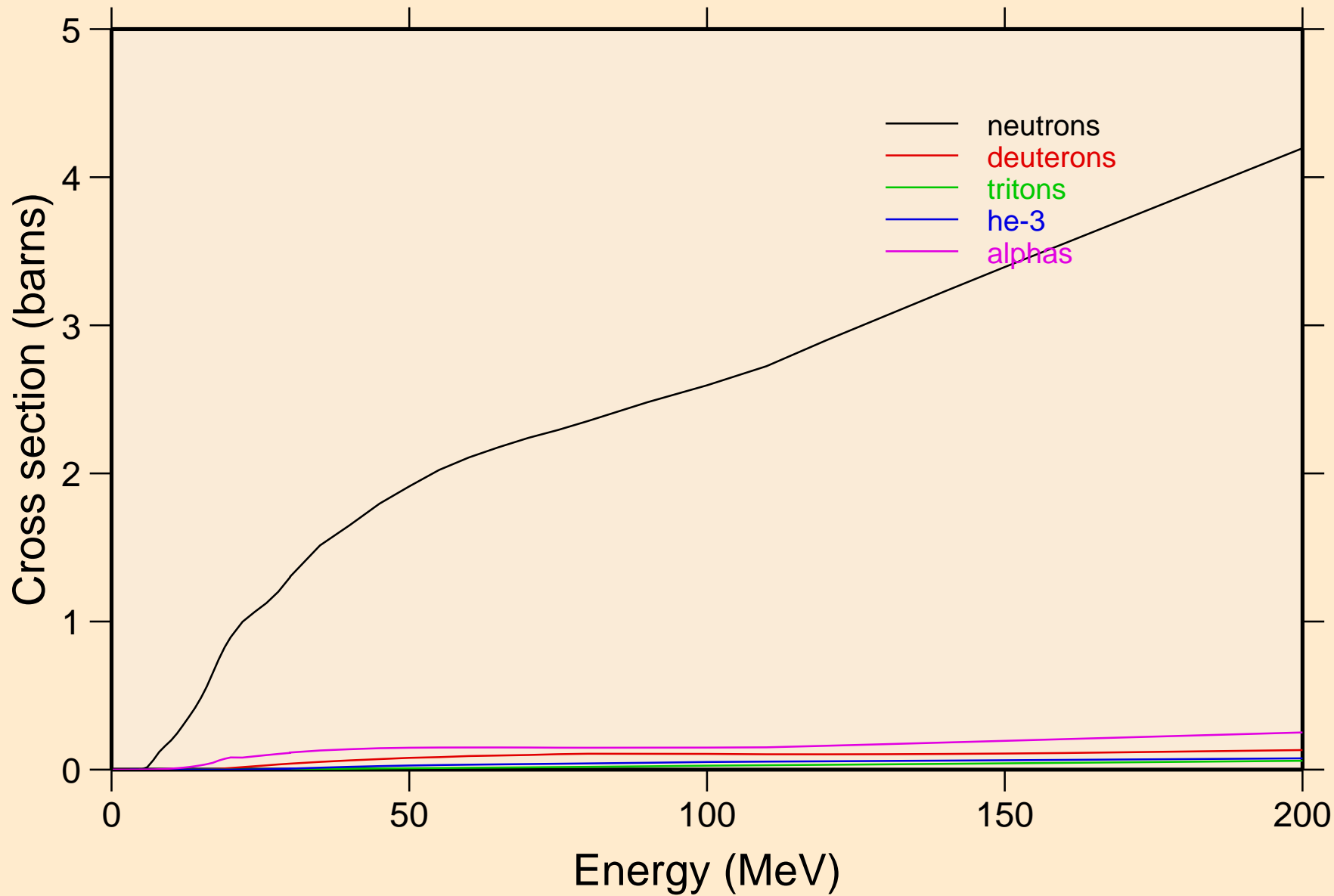




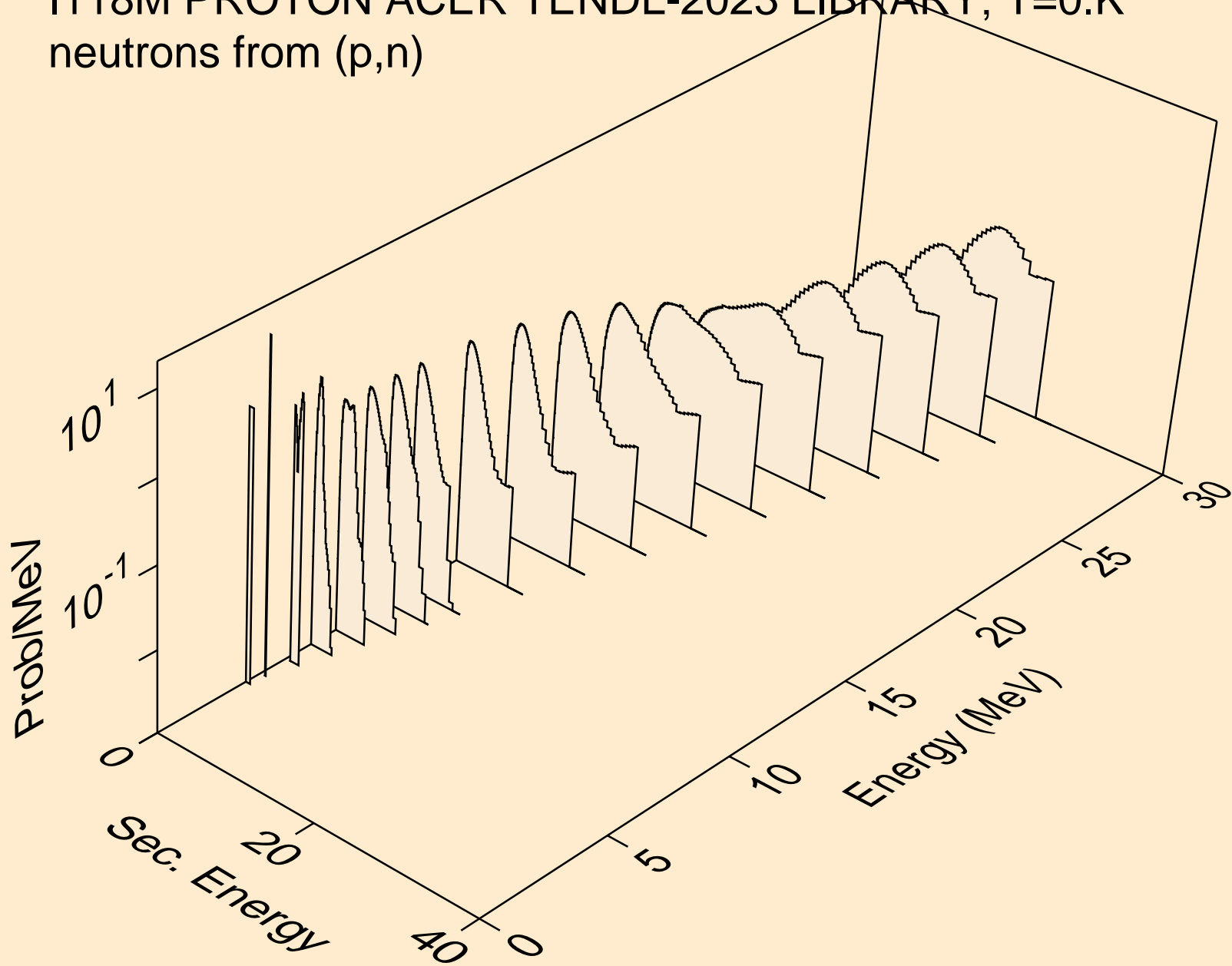
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Recoil Heating



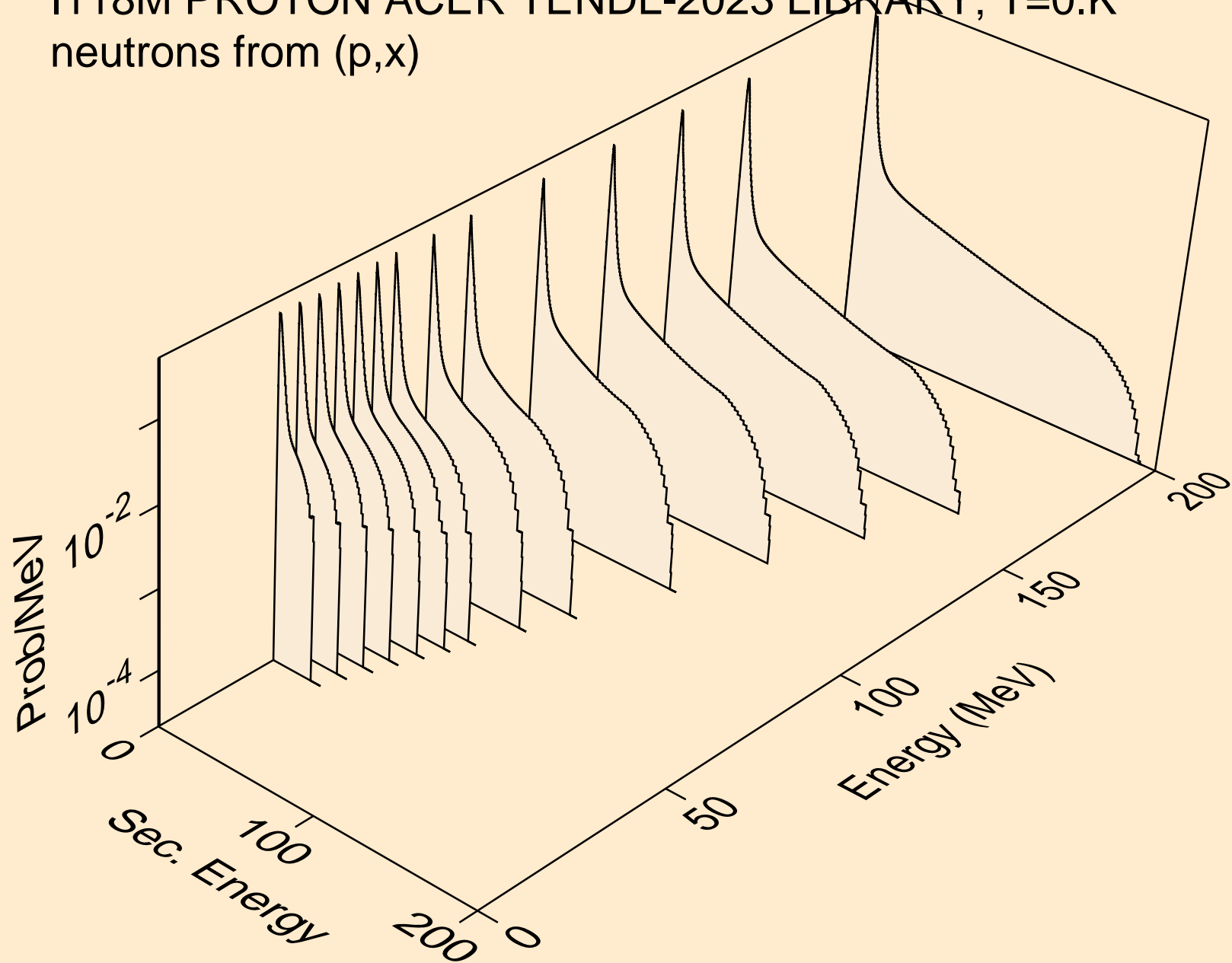
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Particle production cross sections



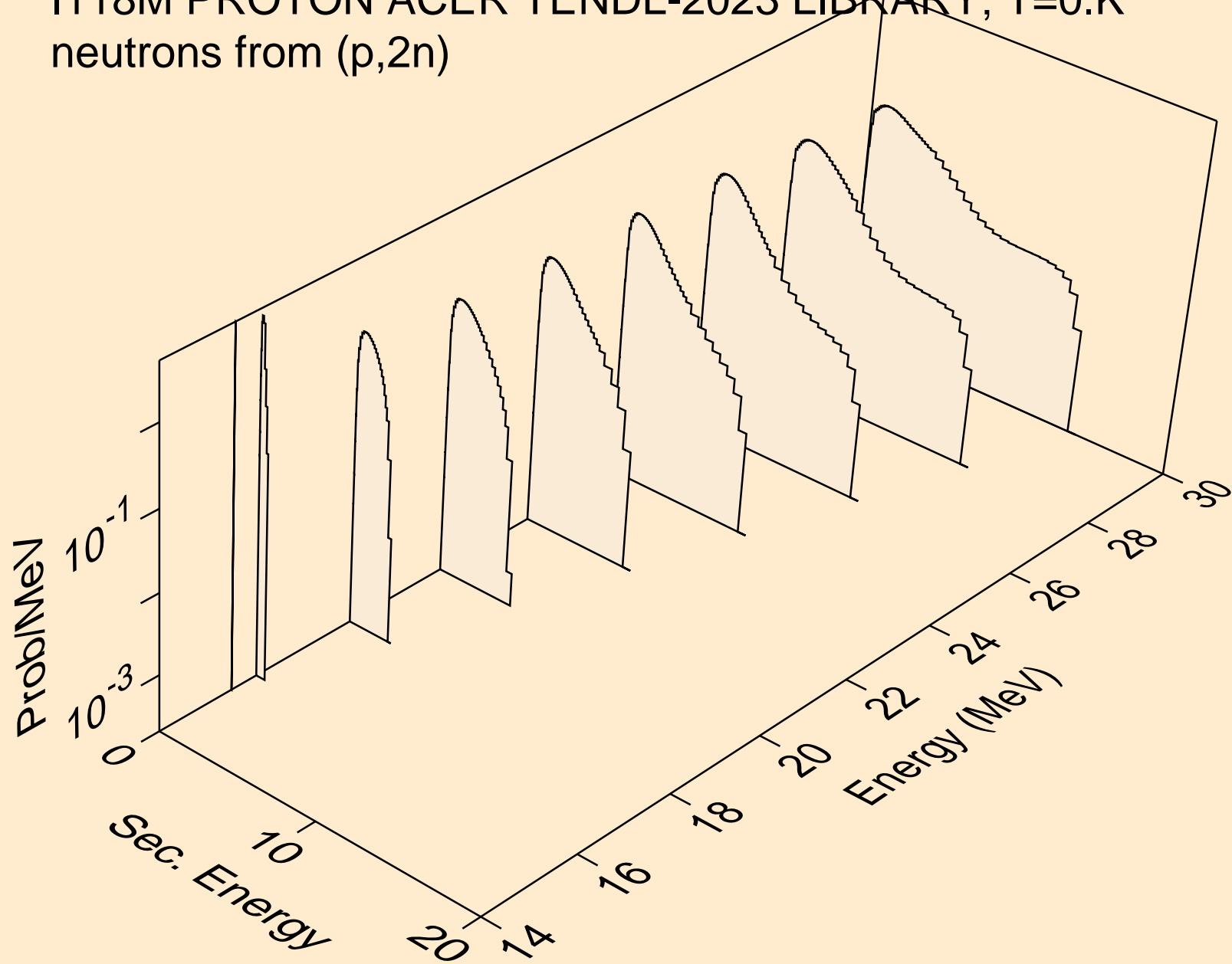
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neutrons from (p,n)



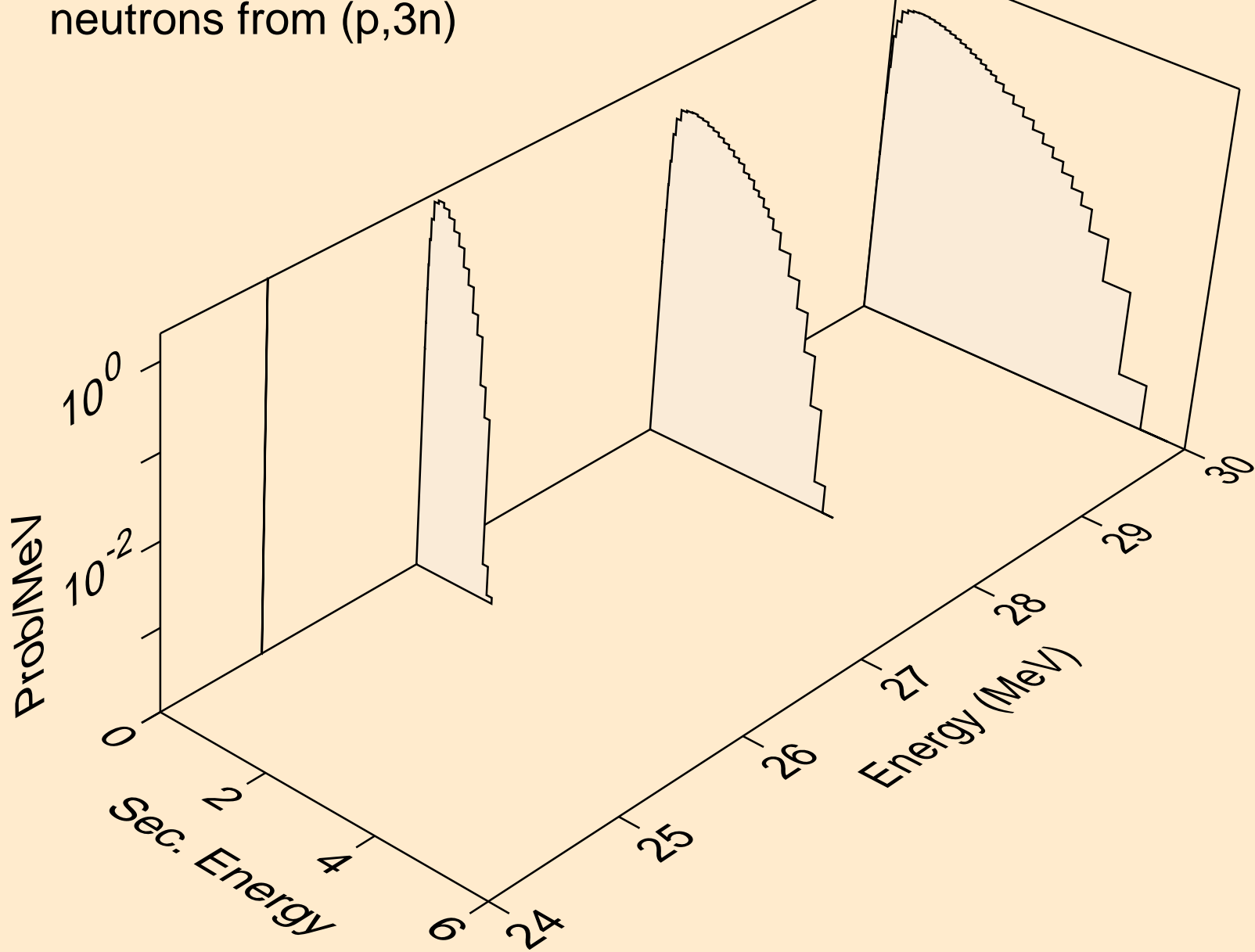
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neutrons from (p,x)



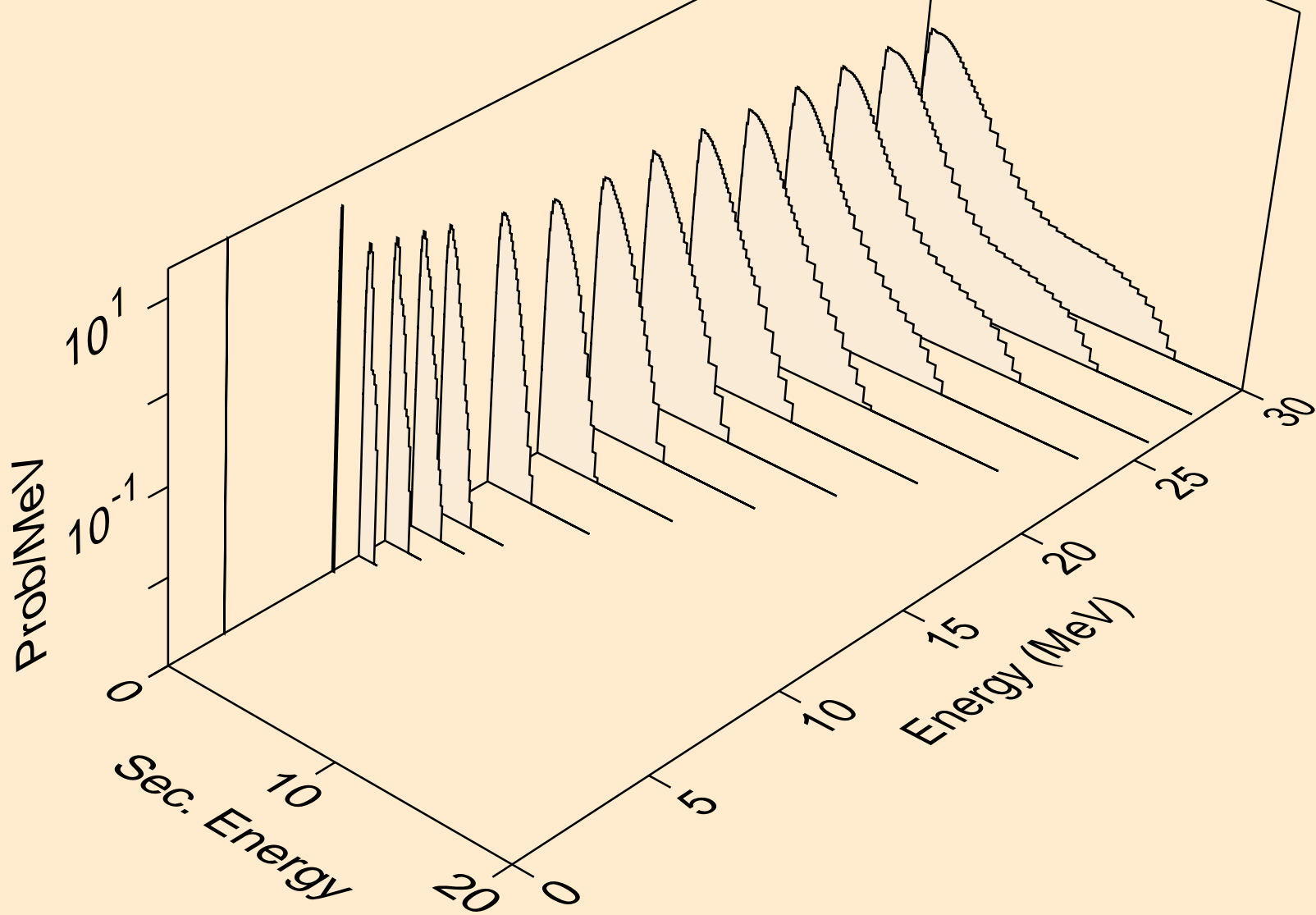
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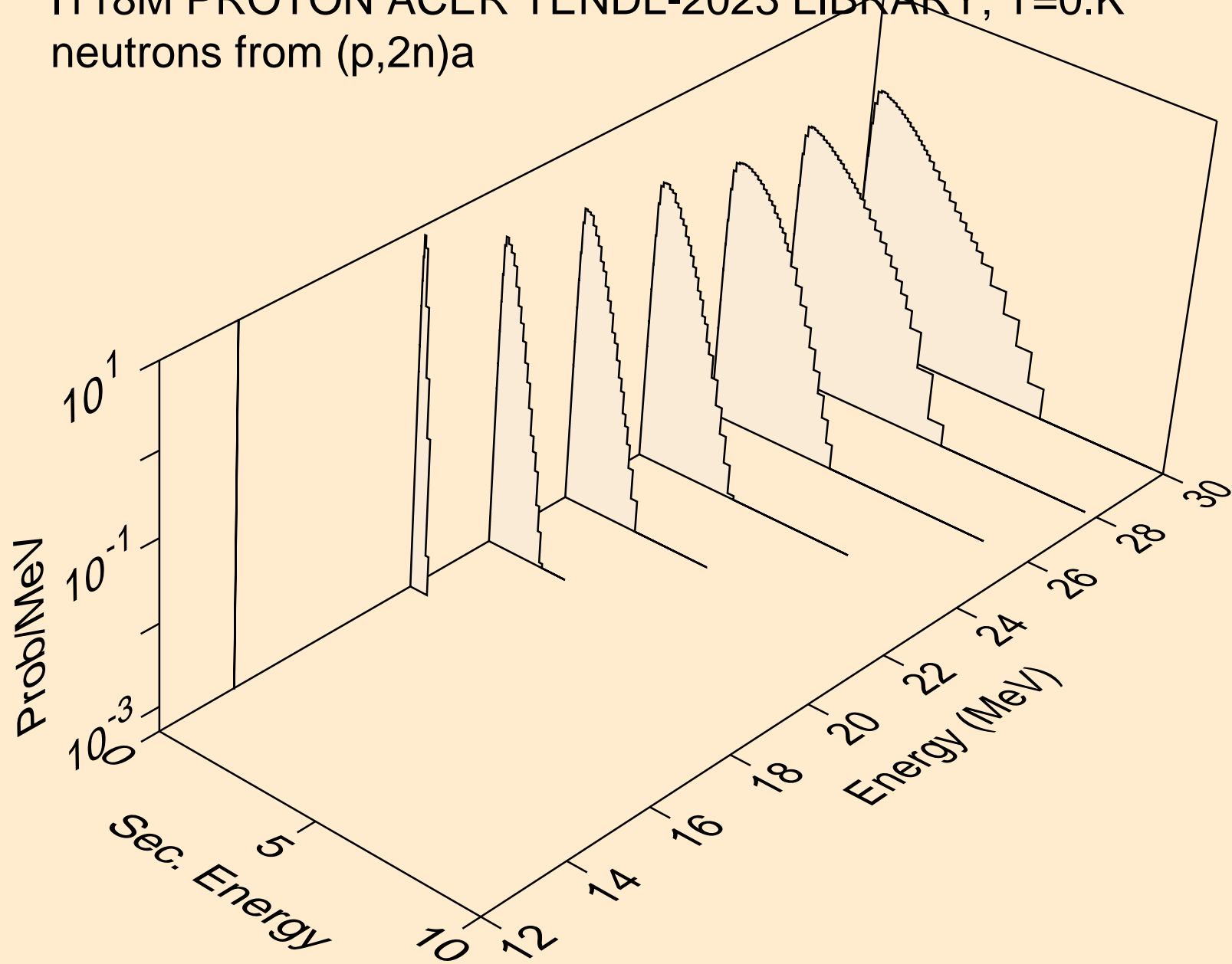
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

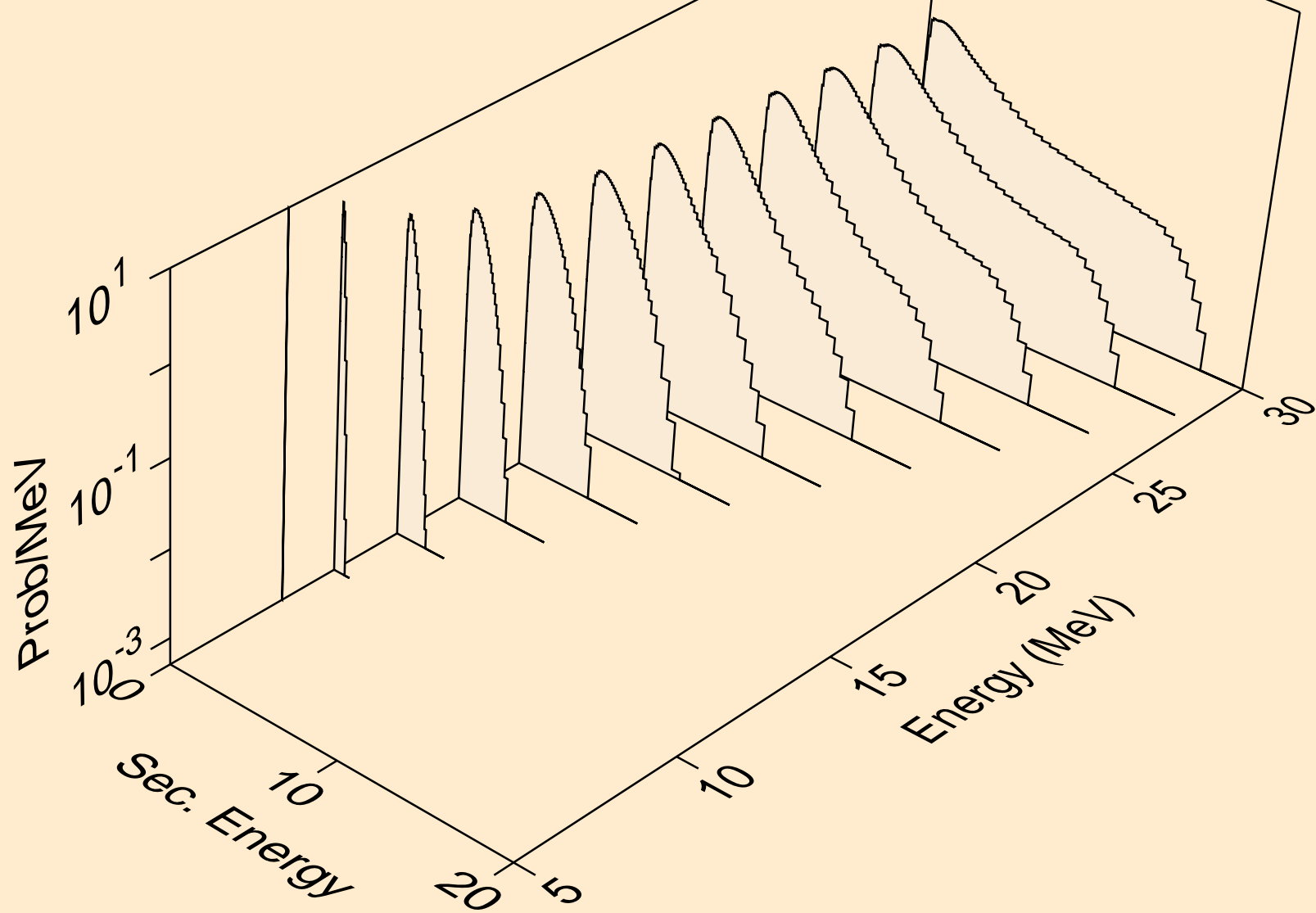


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neutrons from (p,2n)a

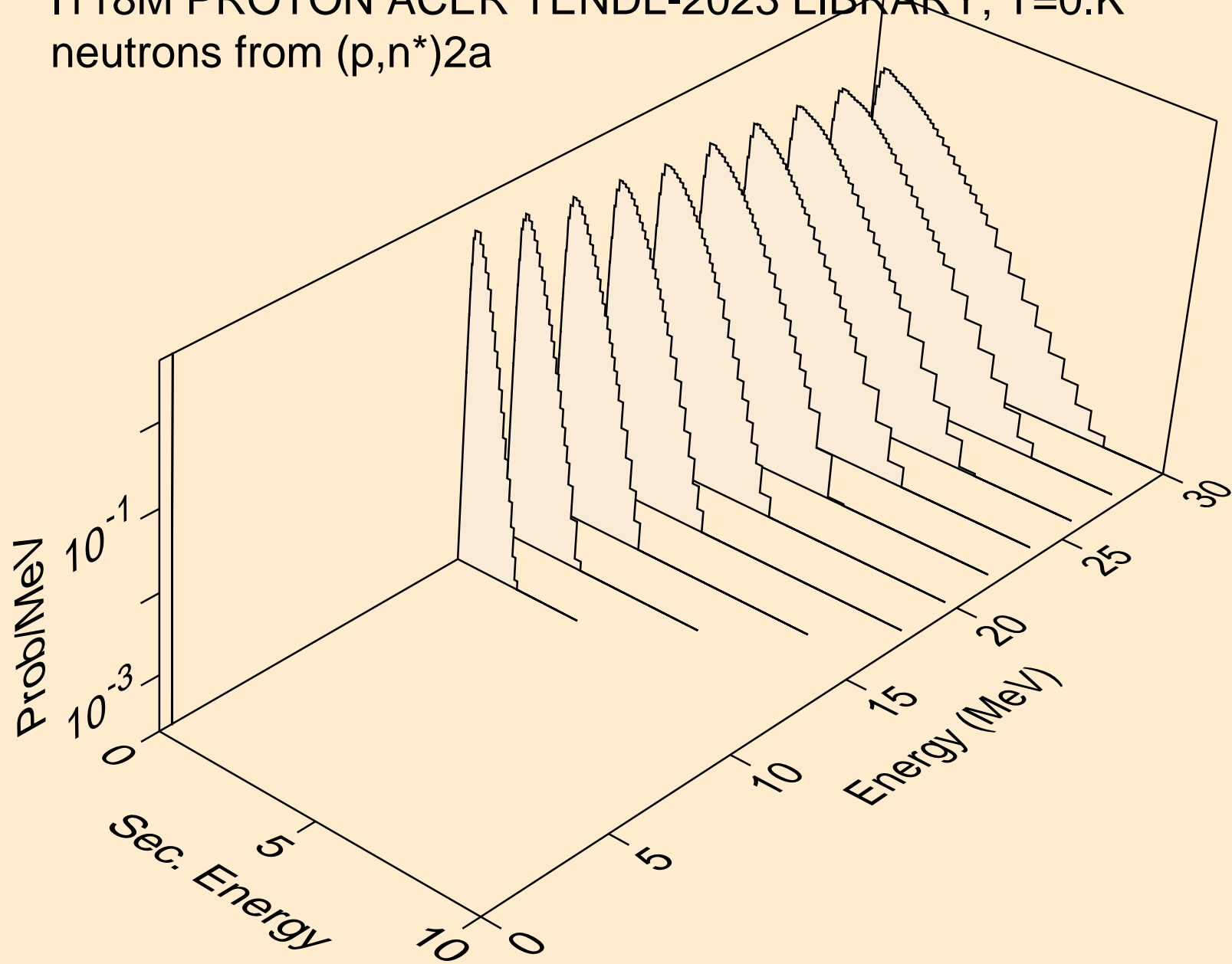




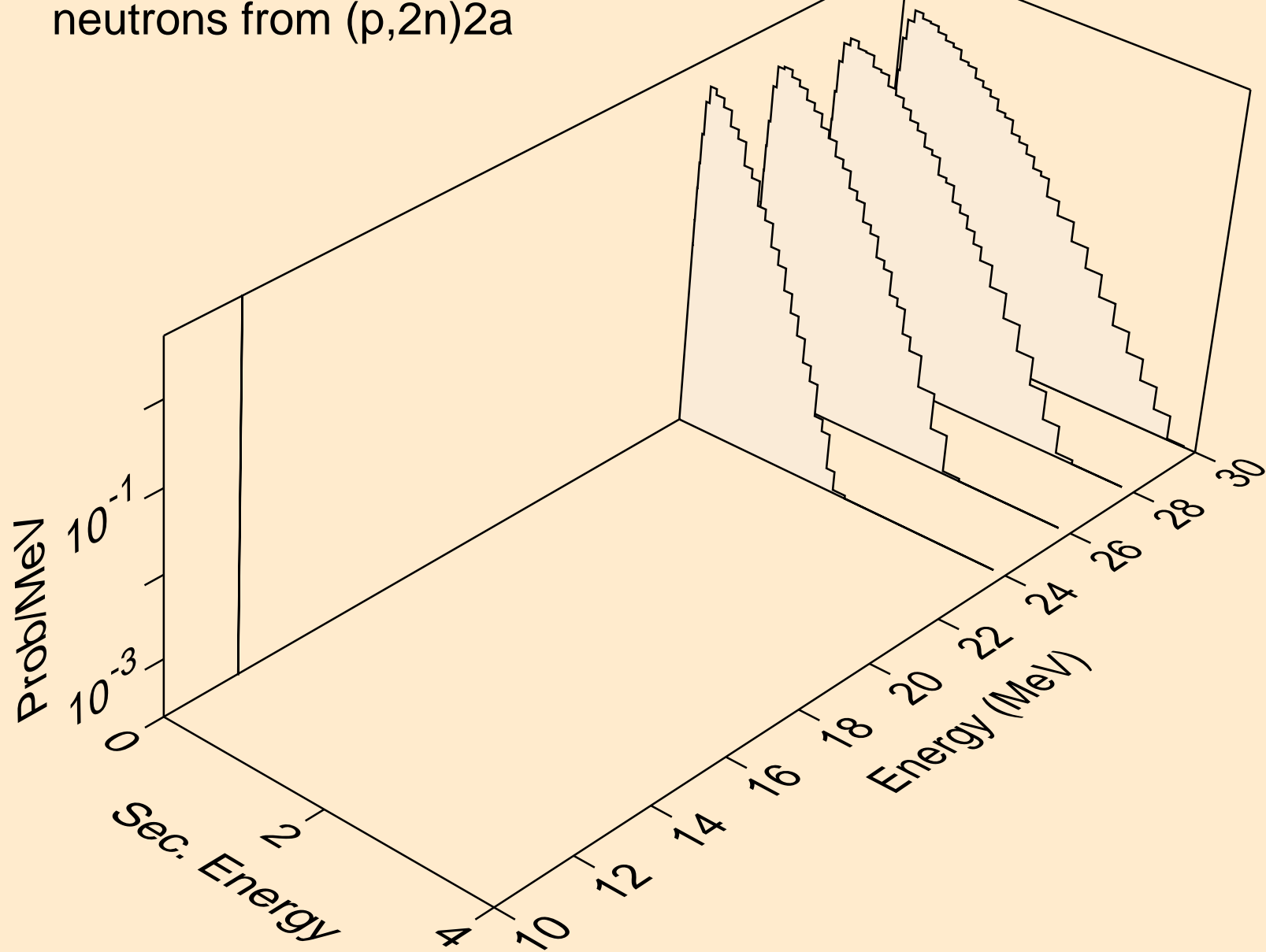
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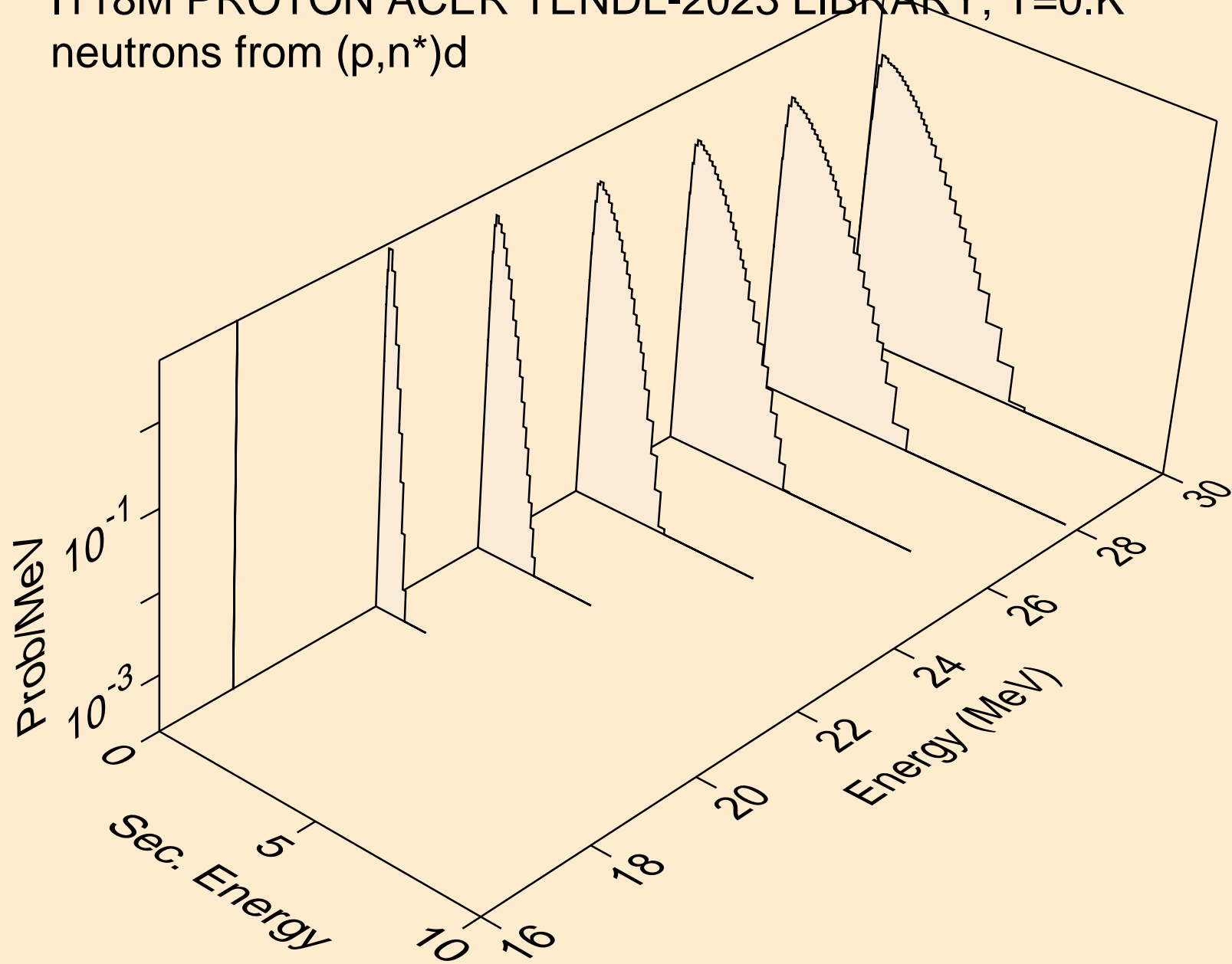
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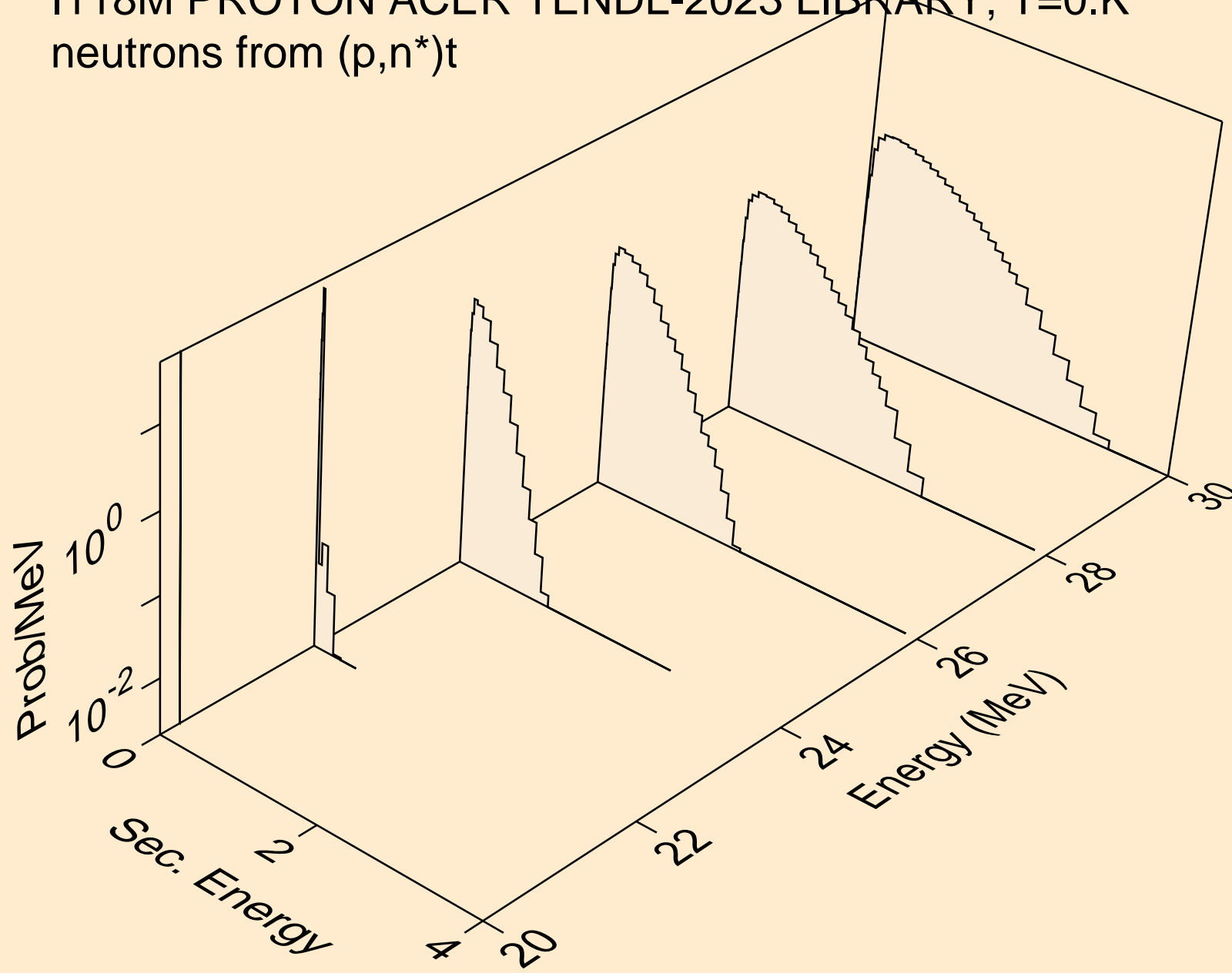
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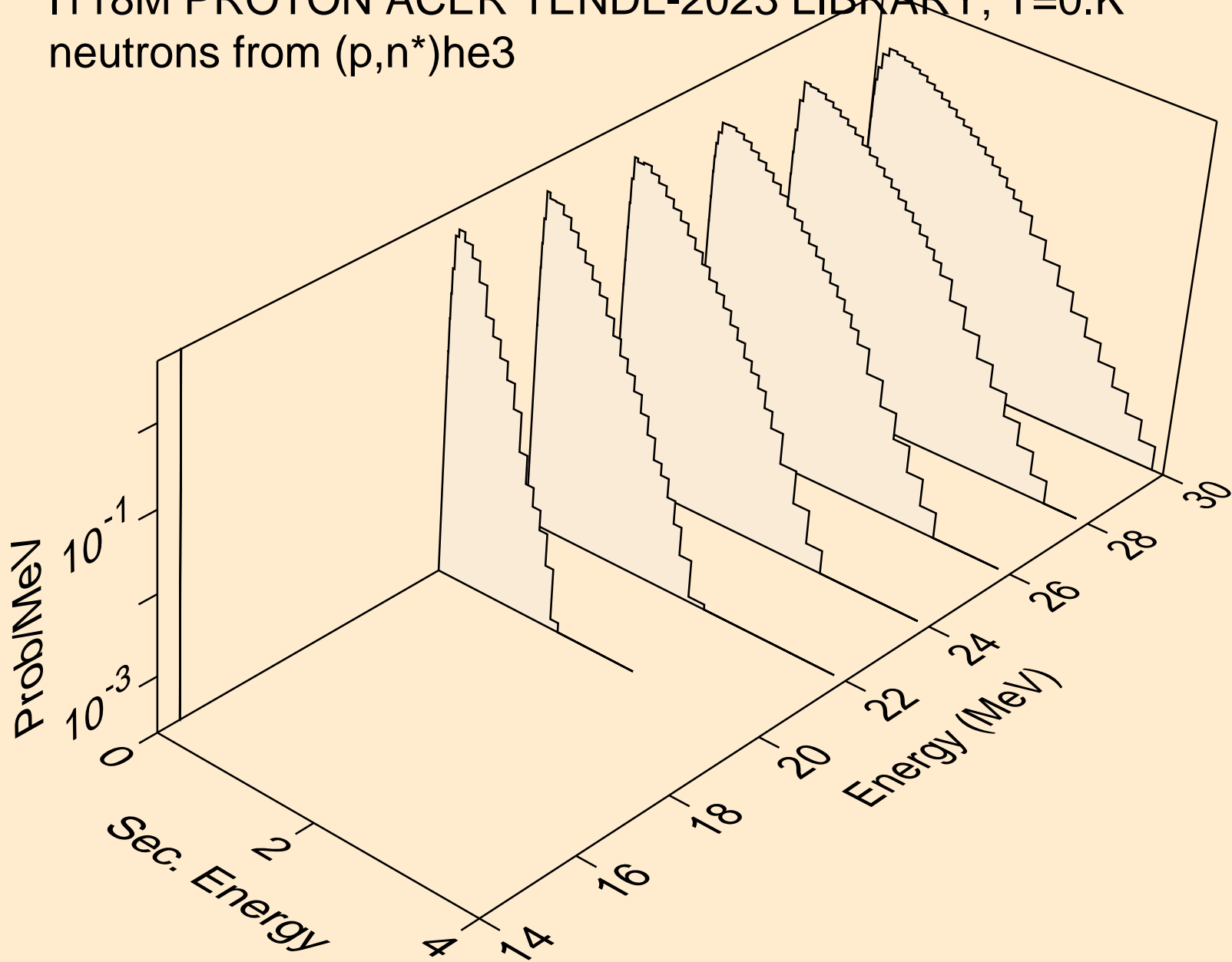
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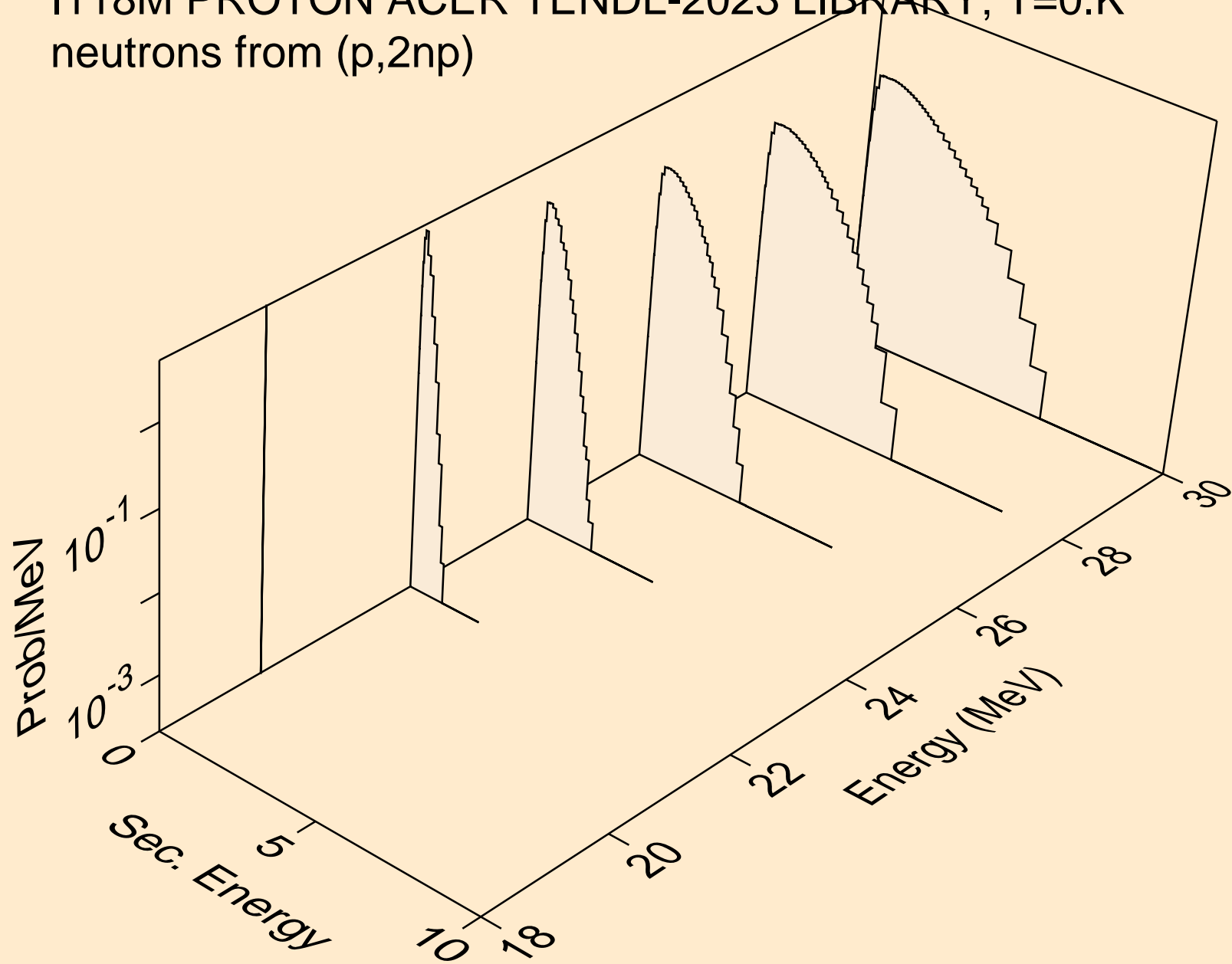
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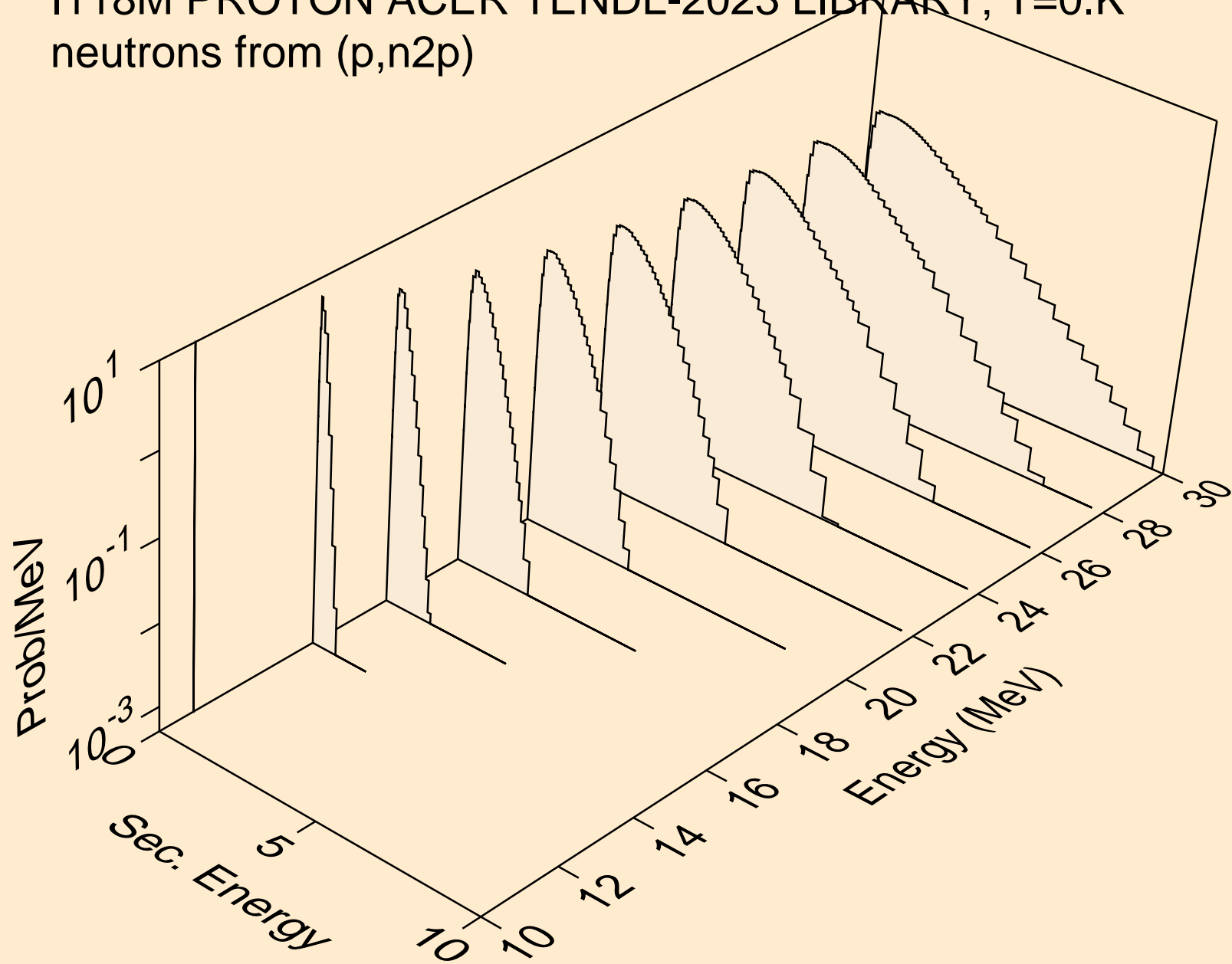
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neutrons from (p,n\*)he3



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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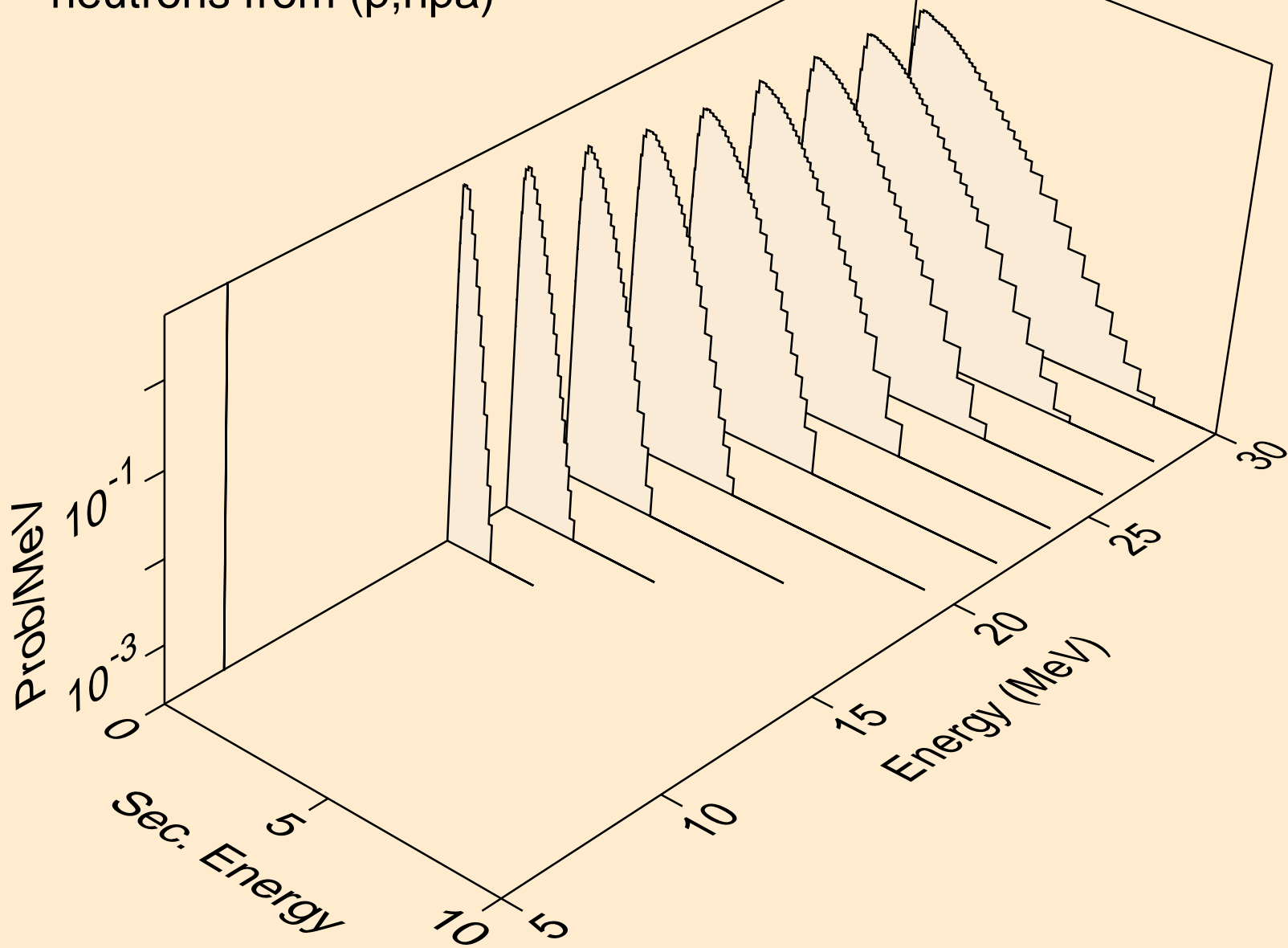


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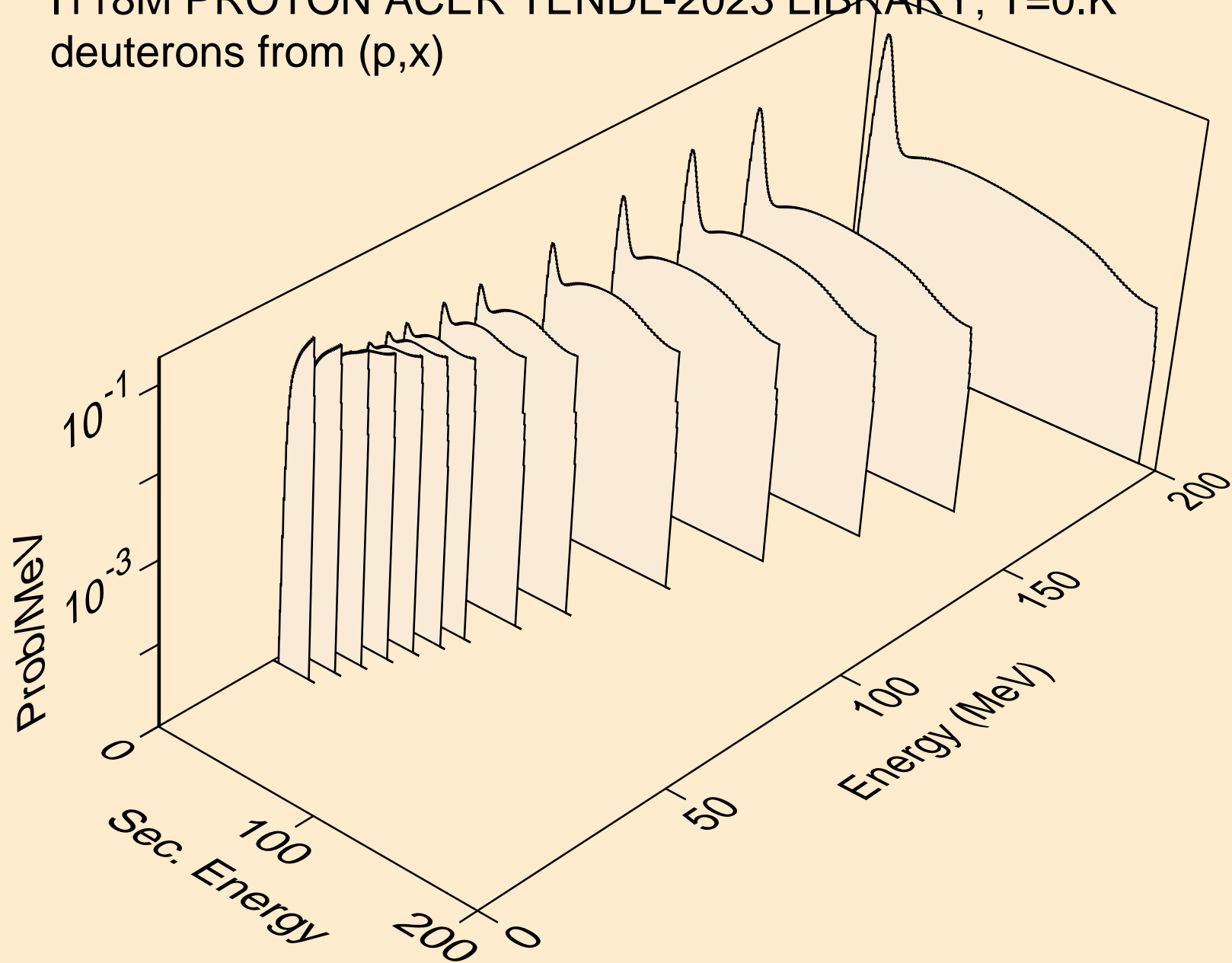




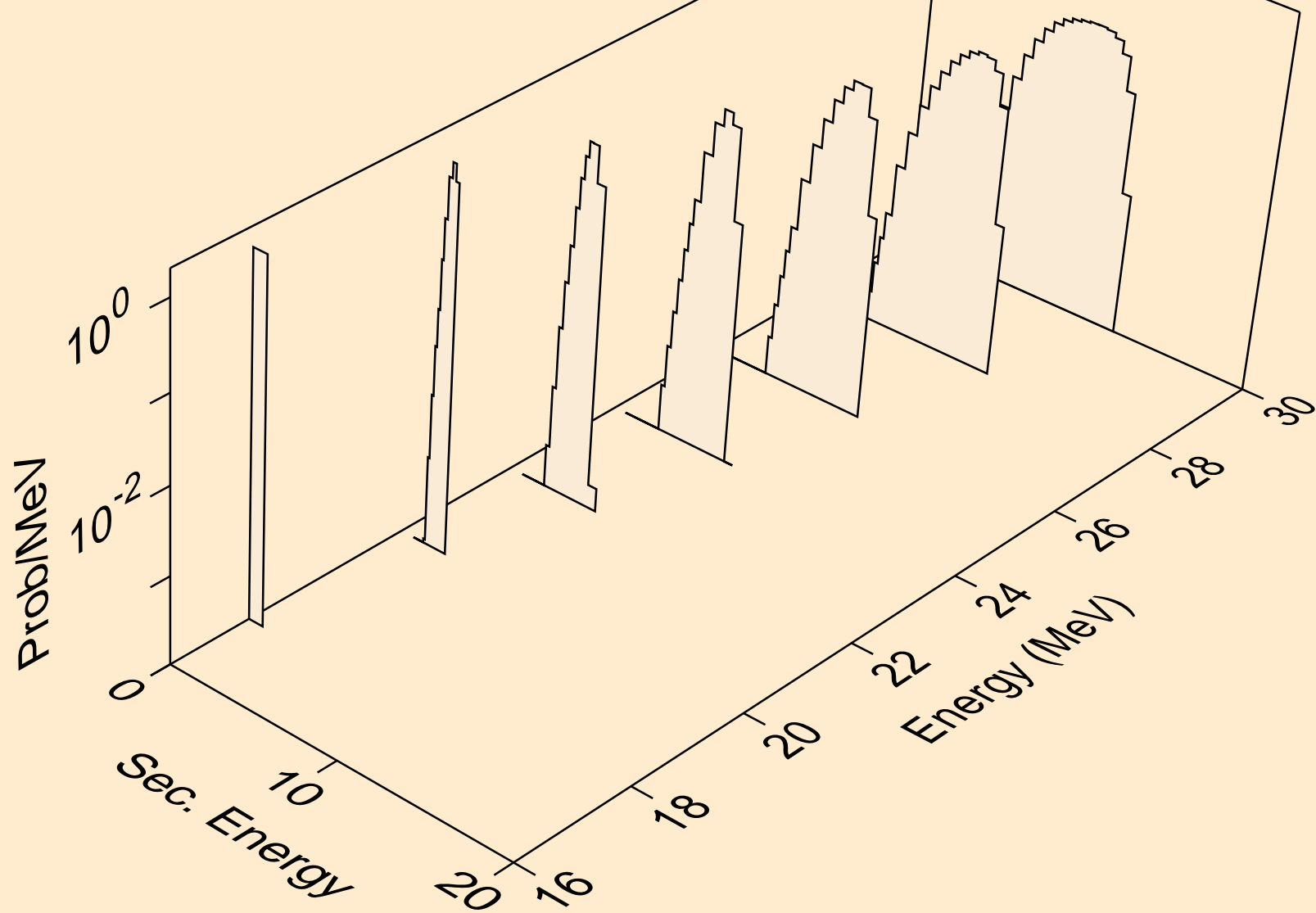
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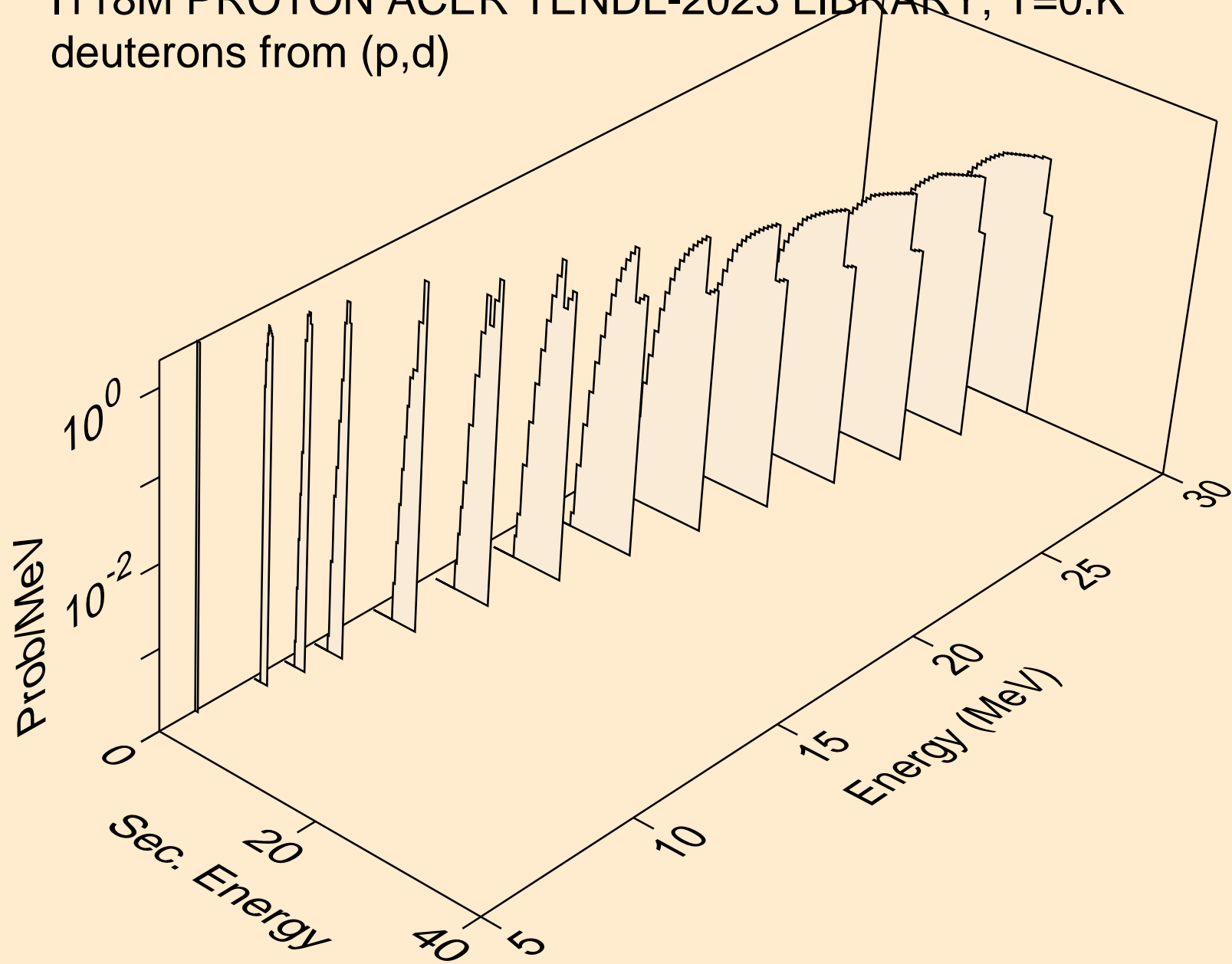
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deuterons from (p,x)



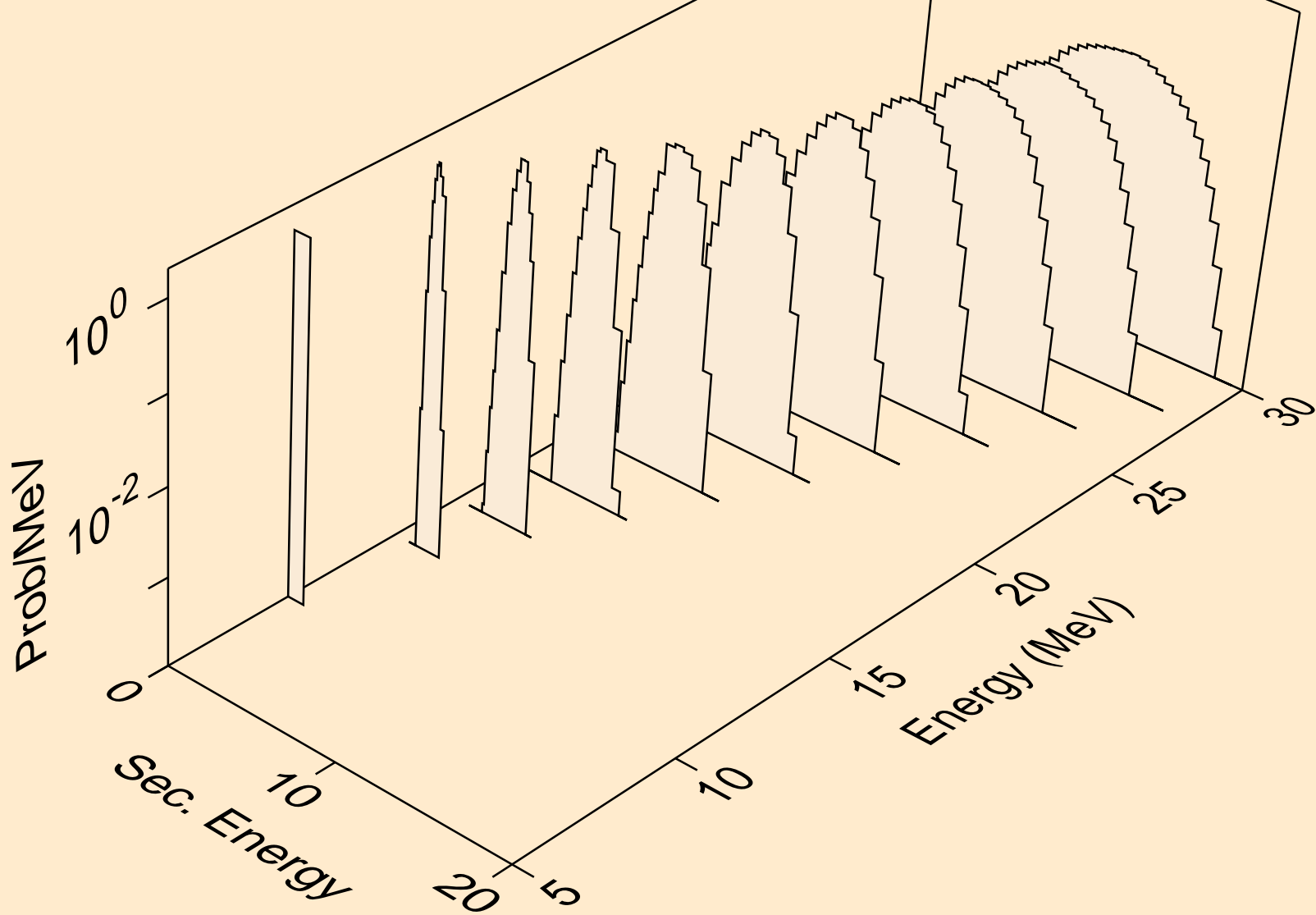
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deuterons from (p,n\*)d



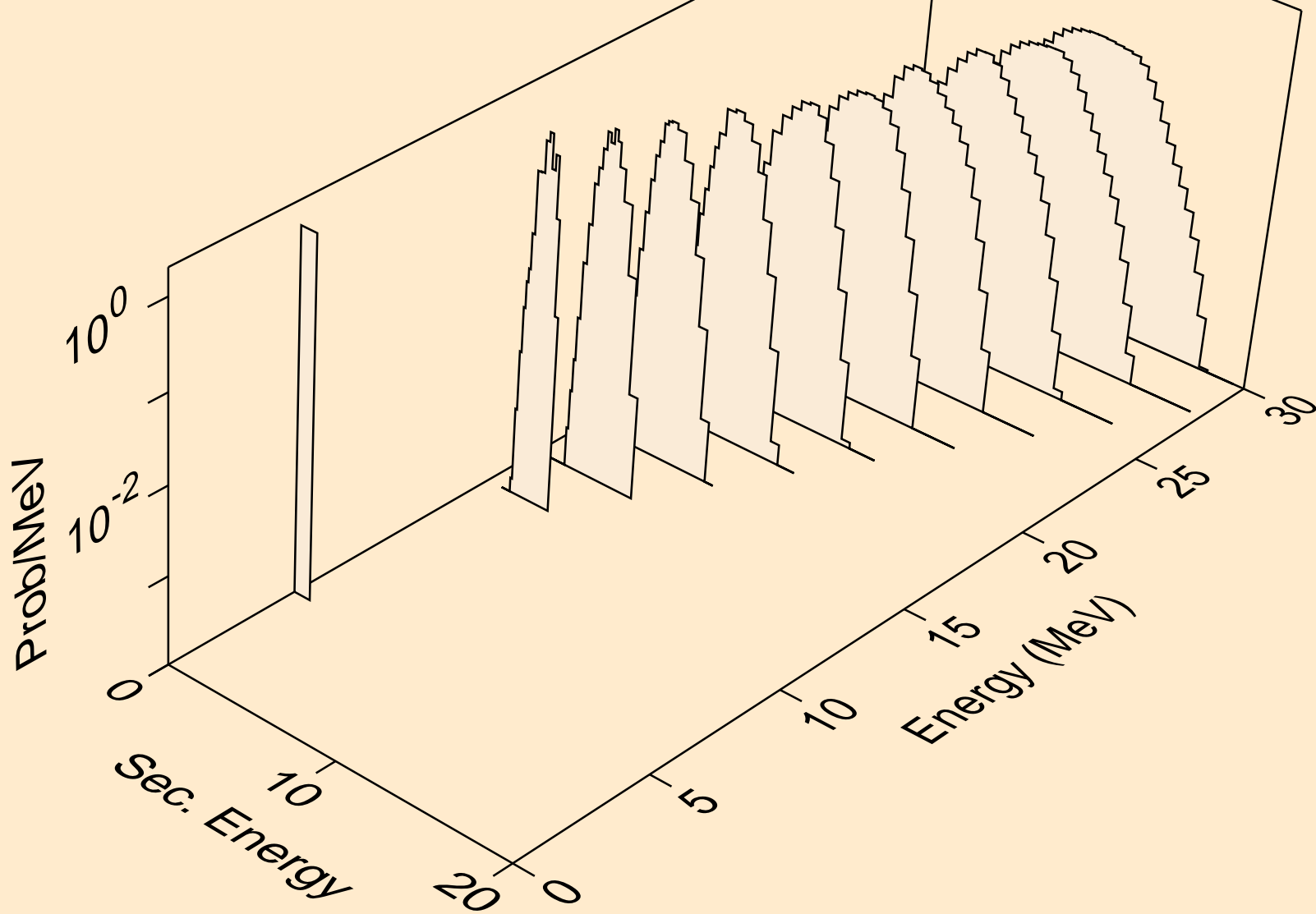
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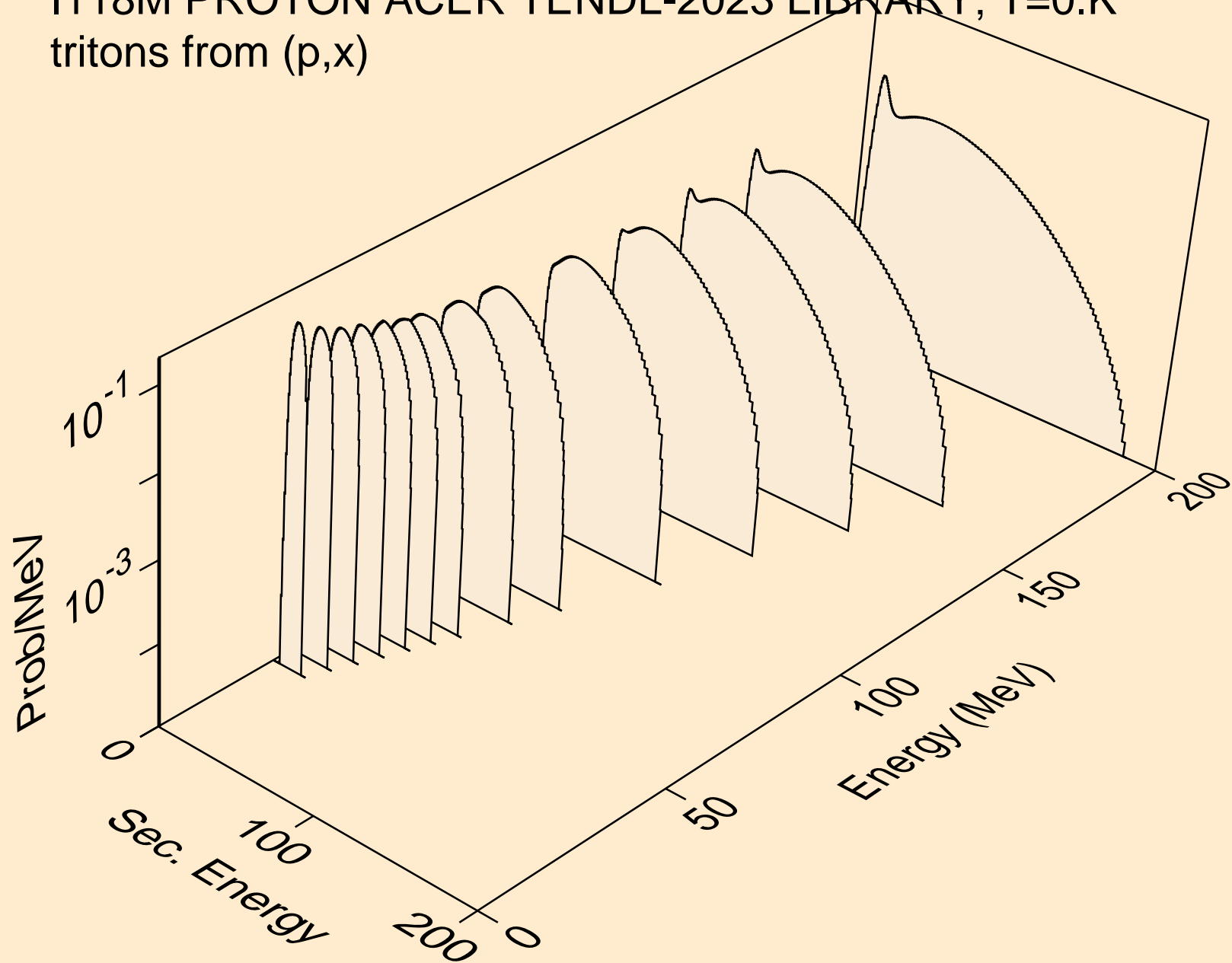
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deuterons from (p,pd)



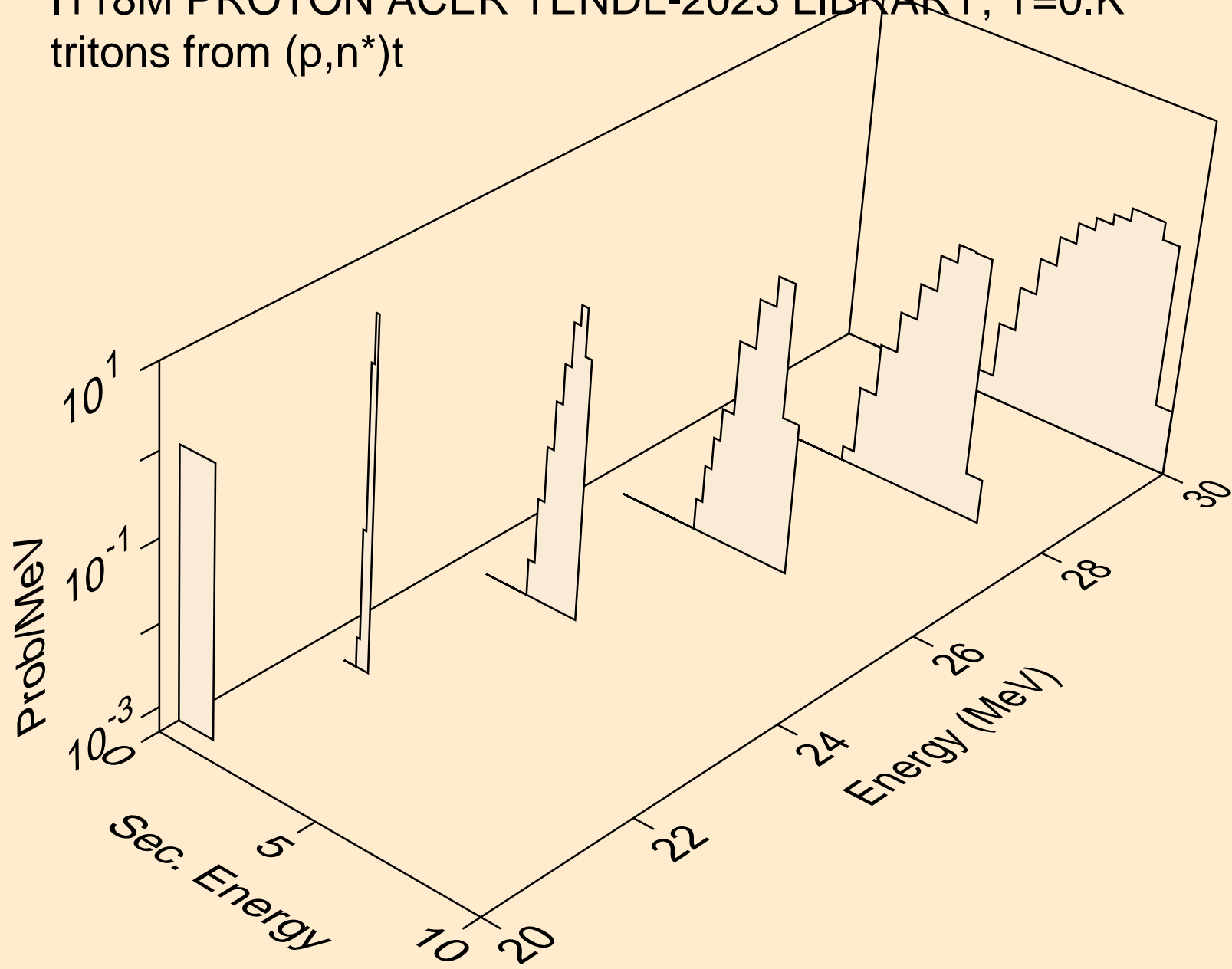
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

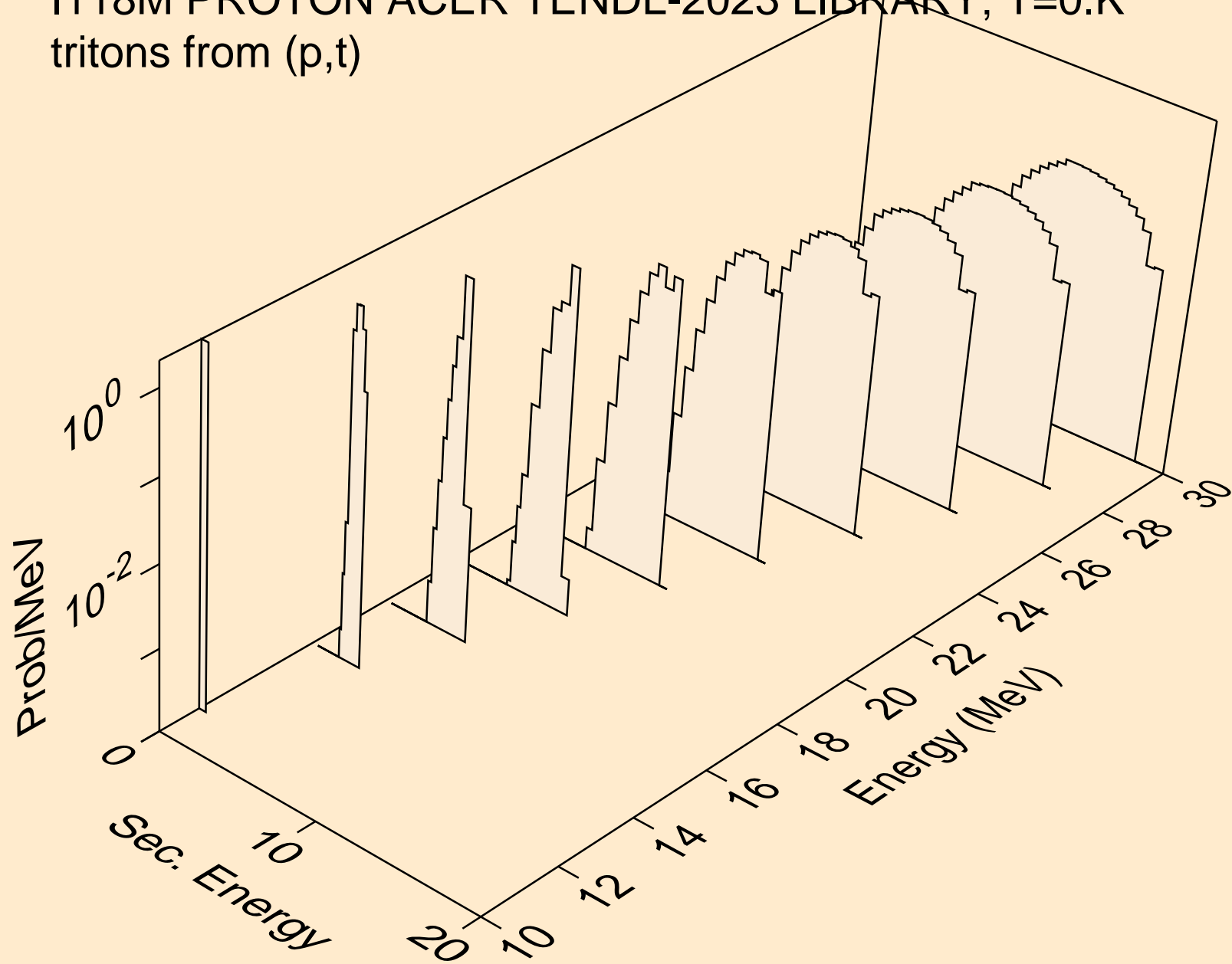


I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

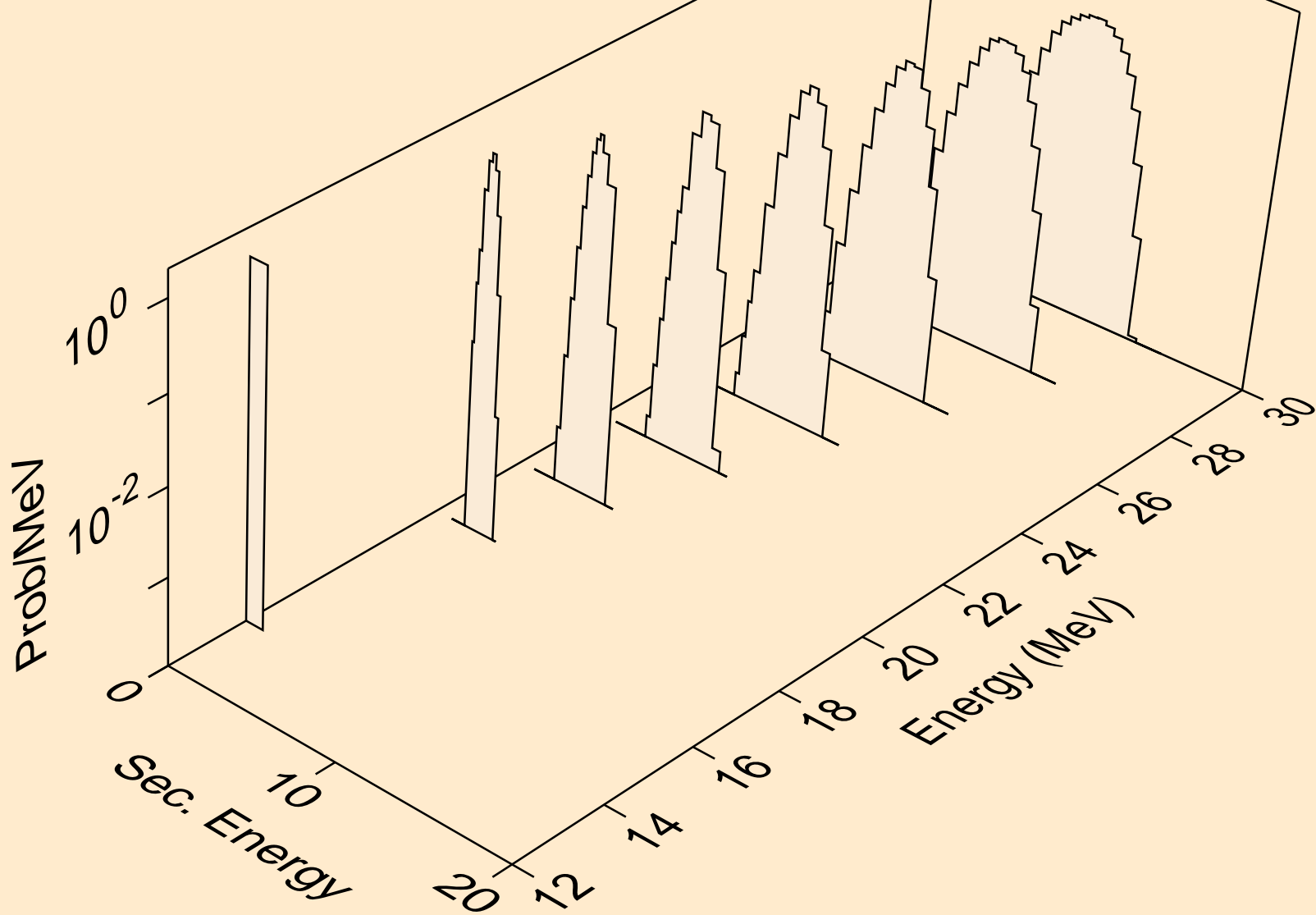




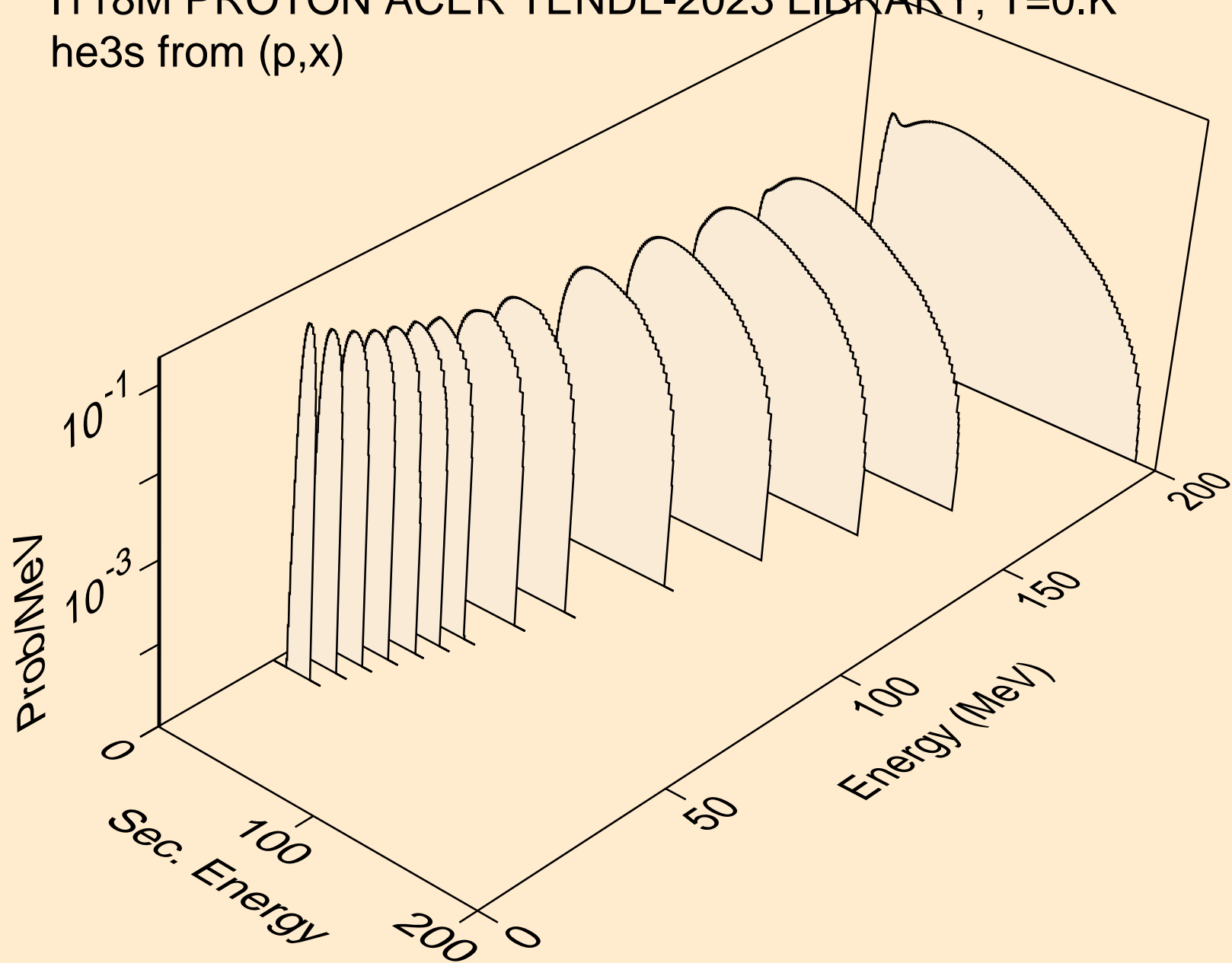
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tritons from (p,t)



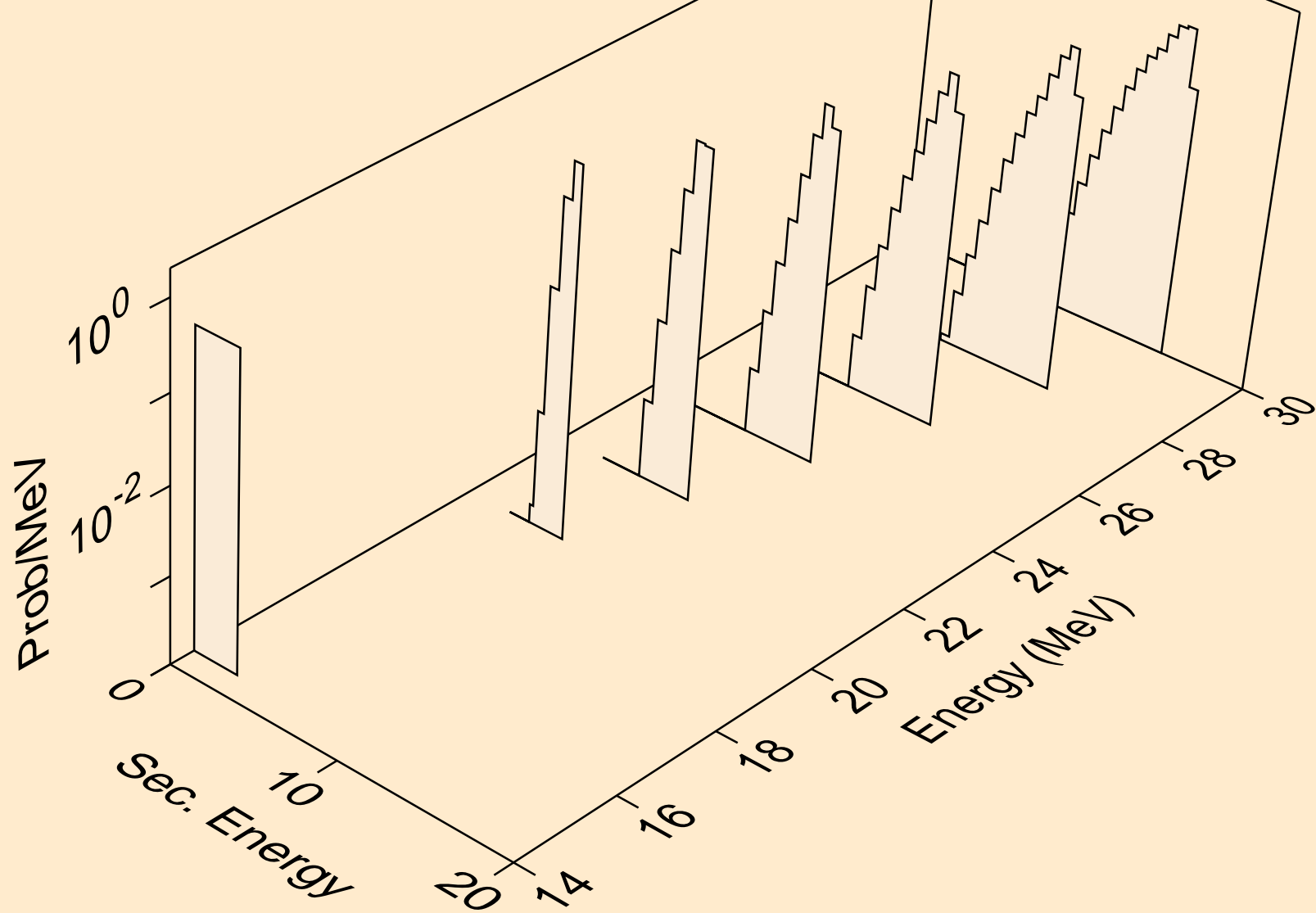
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tritons from (p,pt)



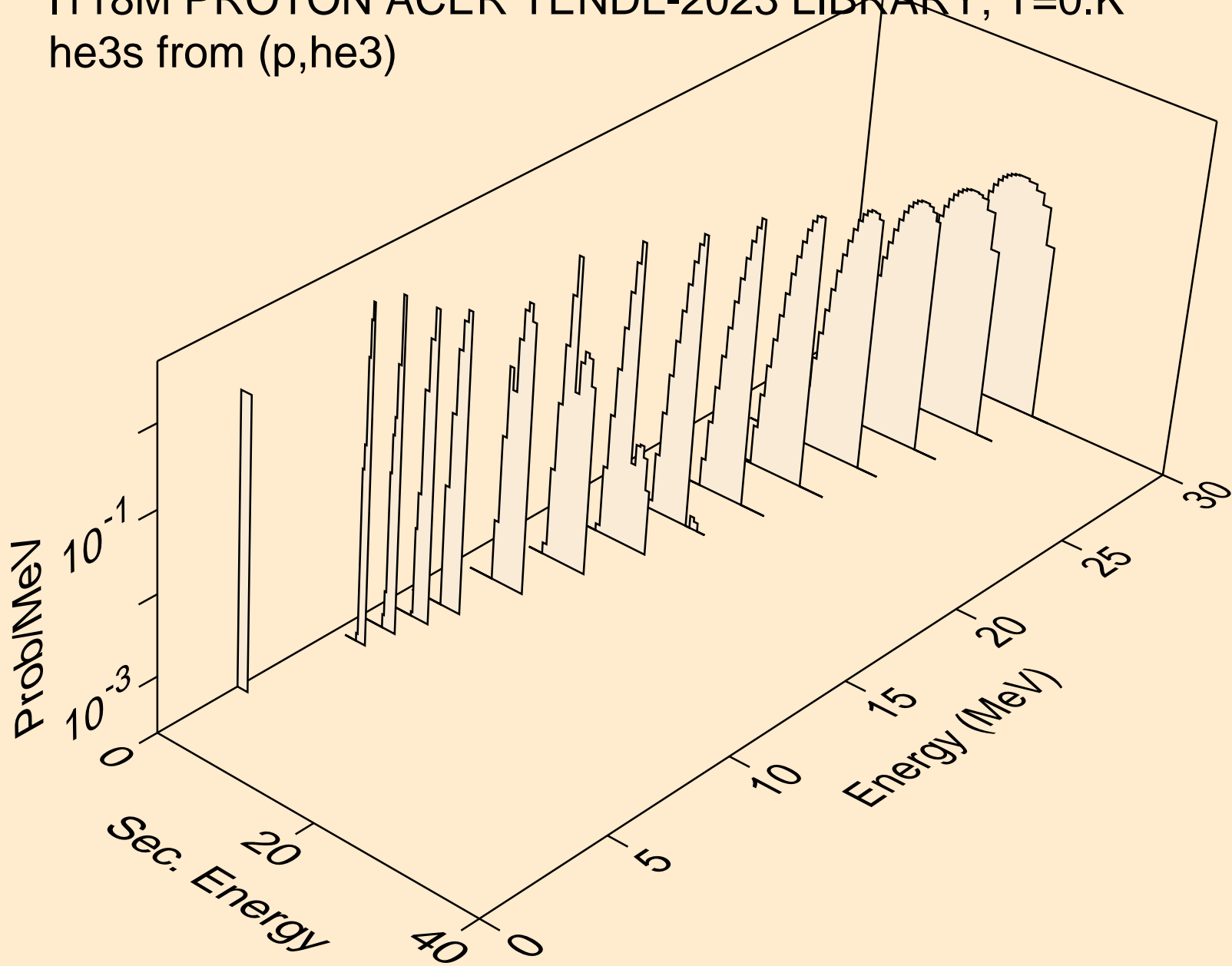
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he3s from (p,x)



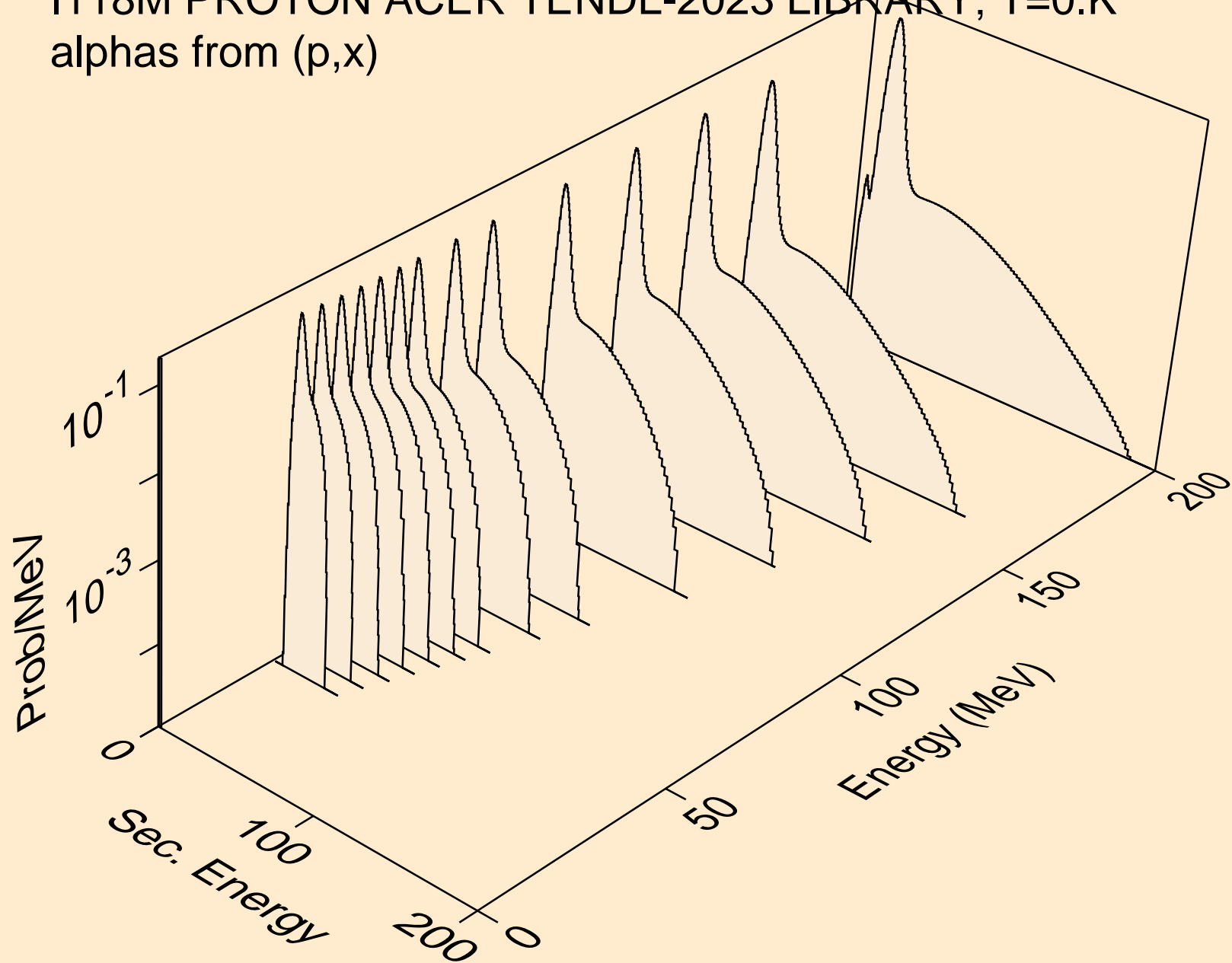
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he3s from (p,n\*)he3



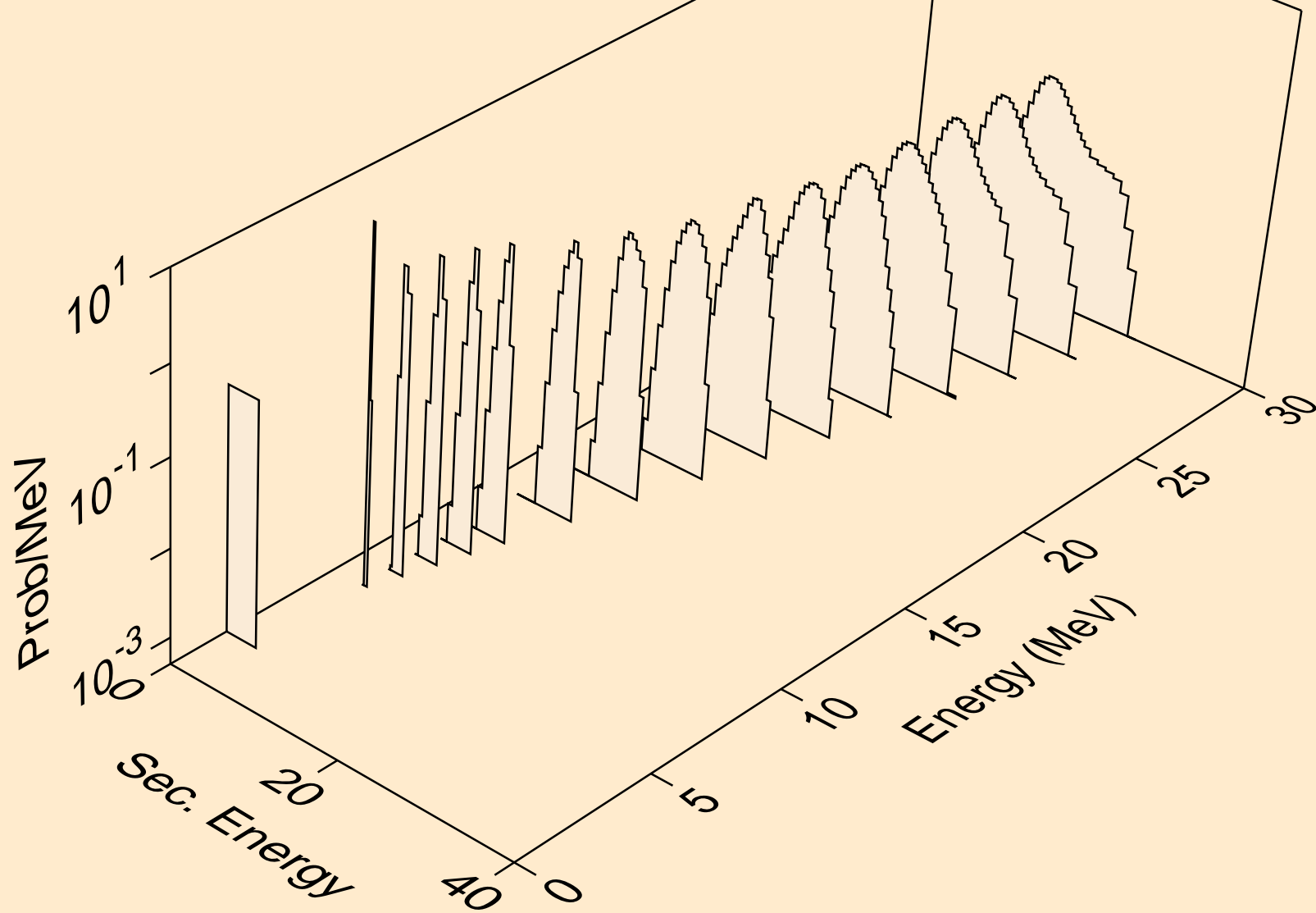
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he3s from (p,he3)



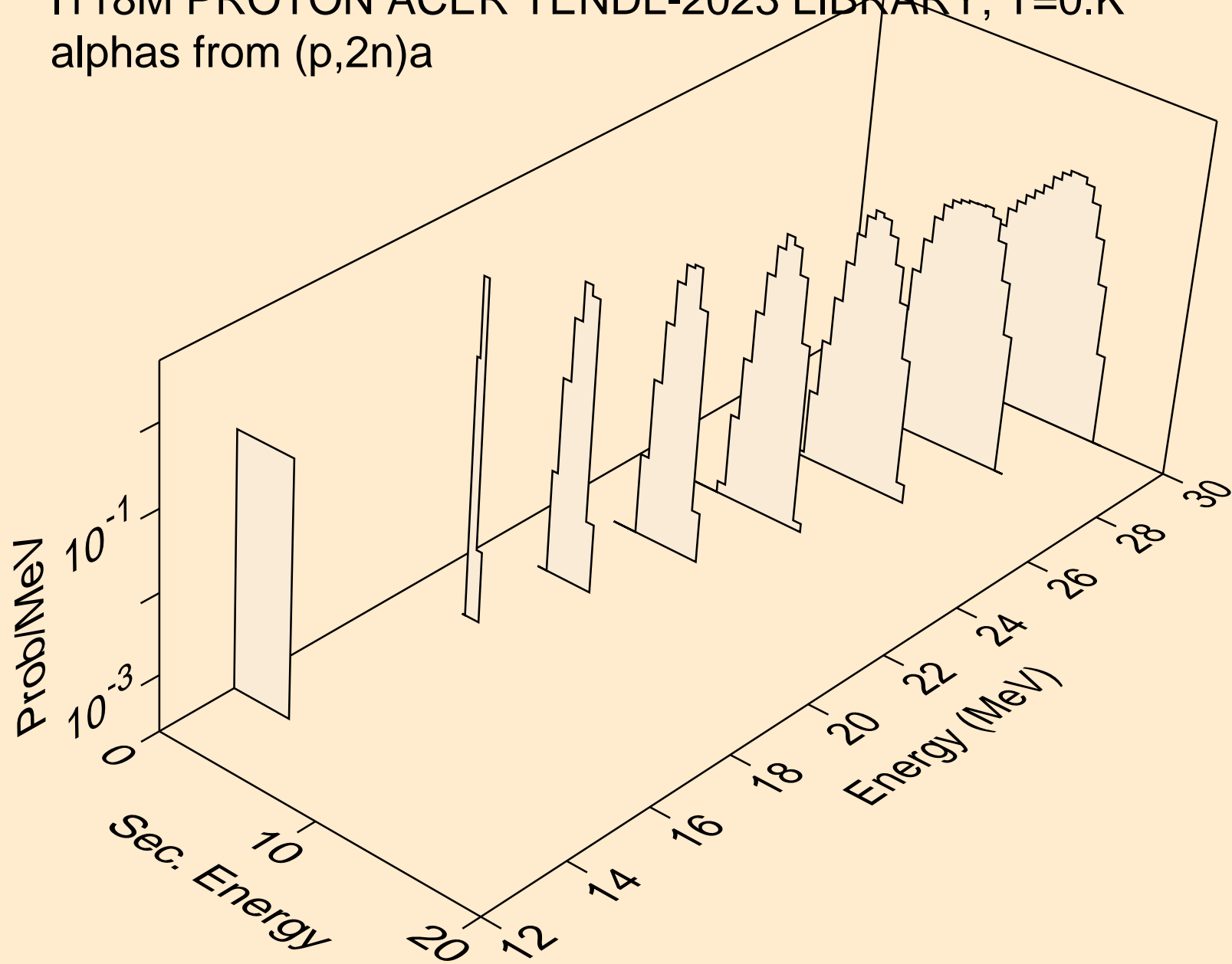
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

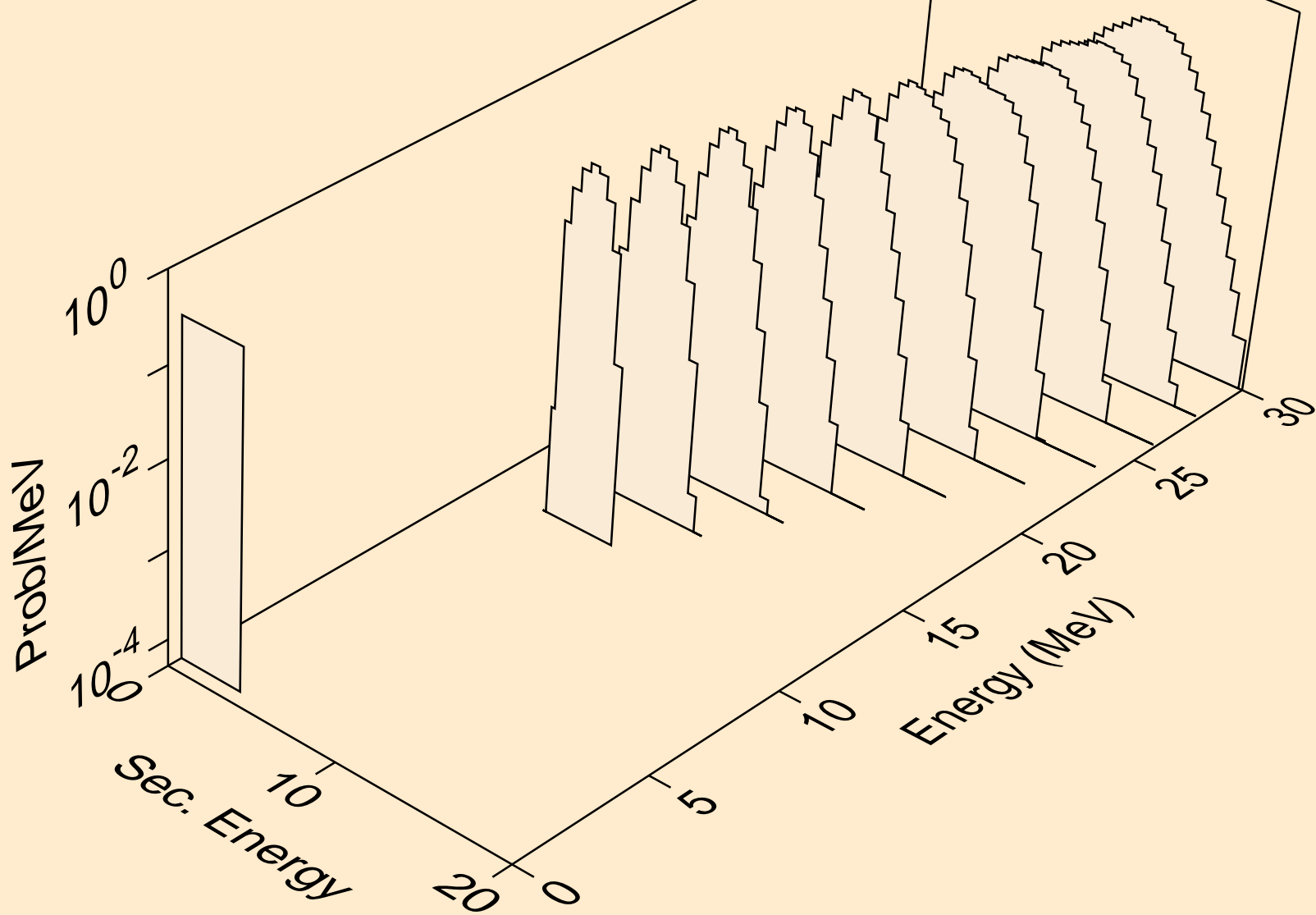


I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

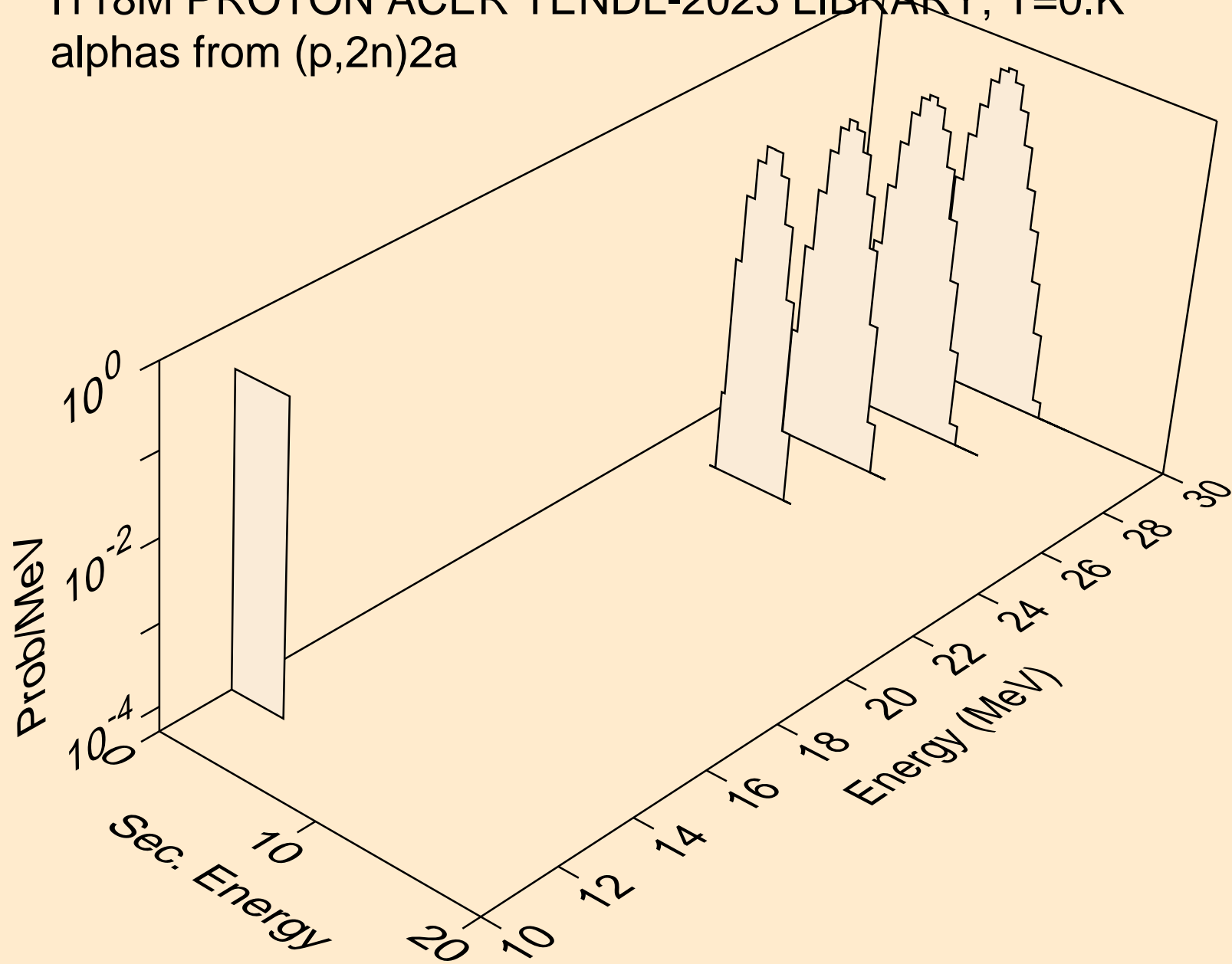




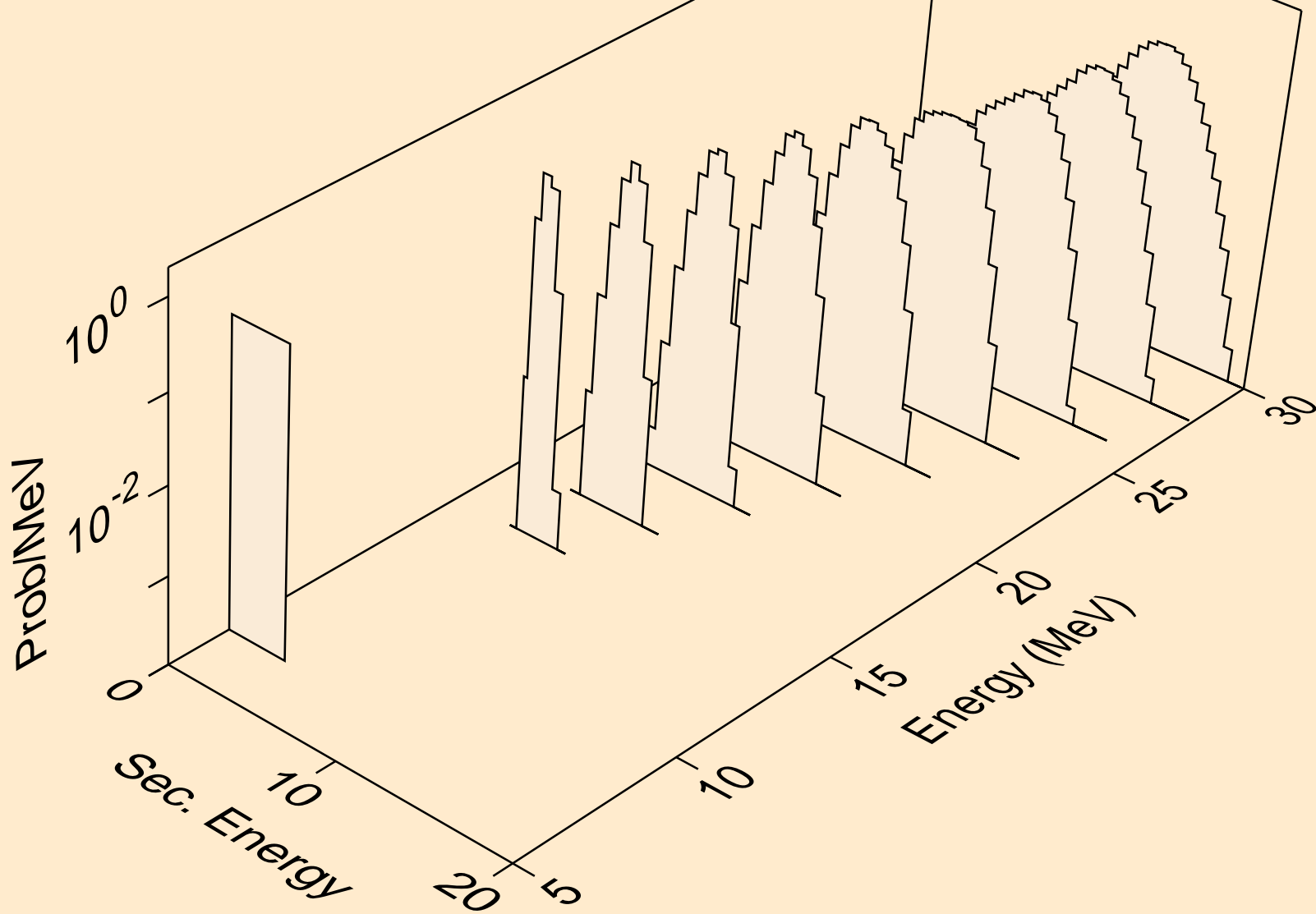
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alphas from (p,n\*)2a



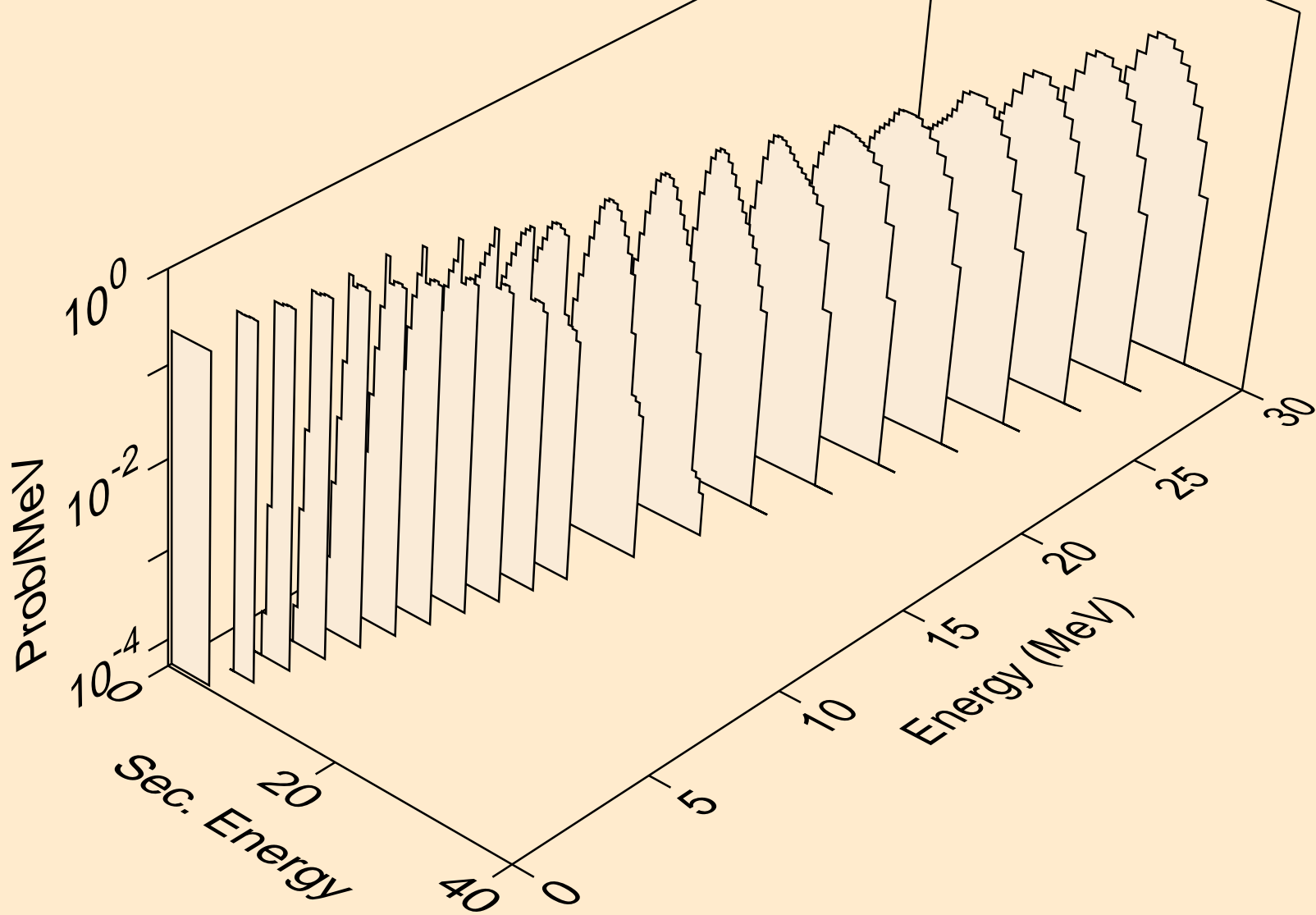
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alphas from (p,2n)2a



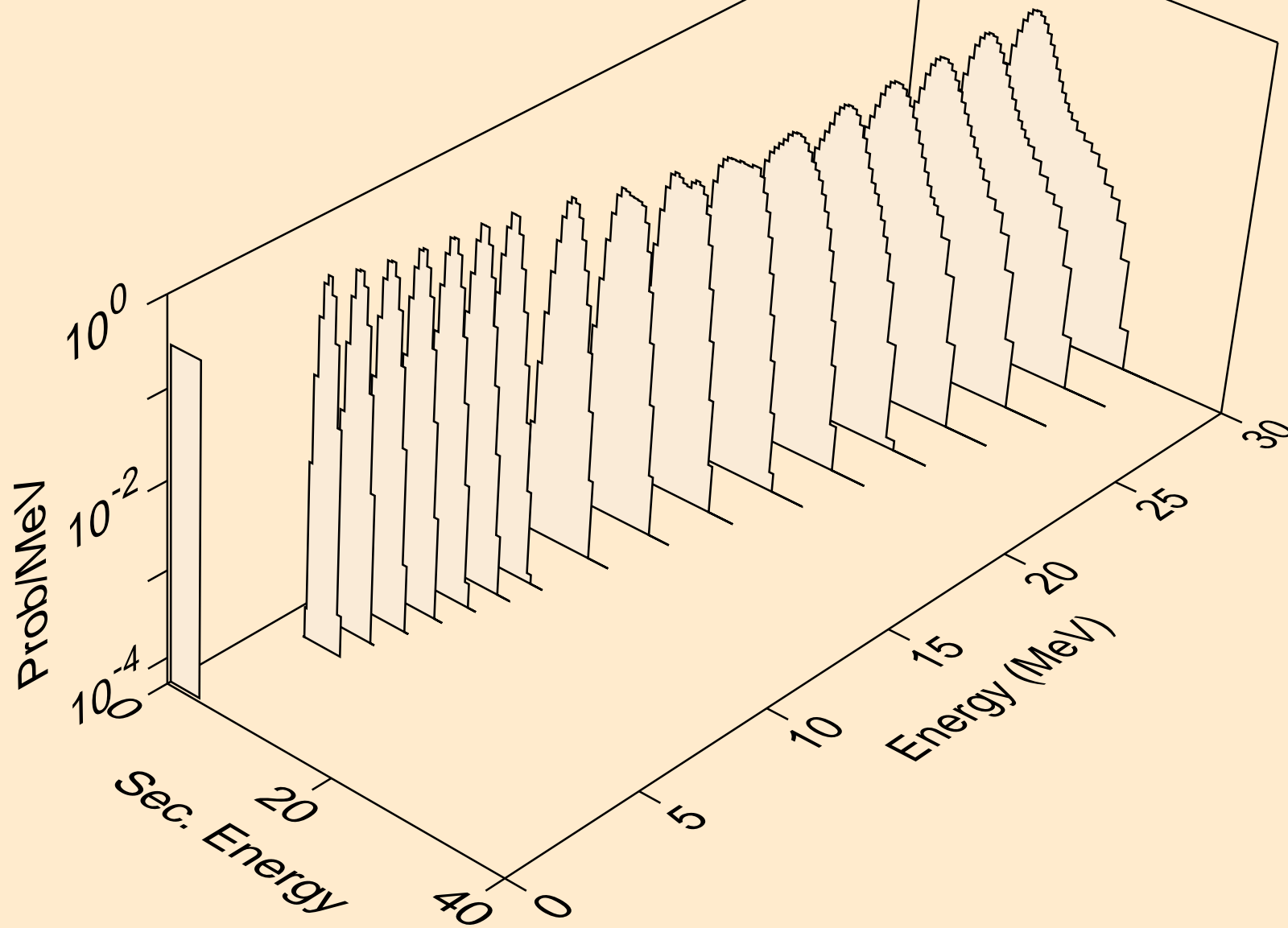
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



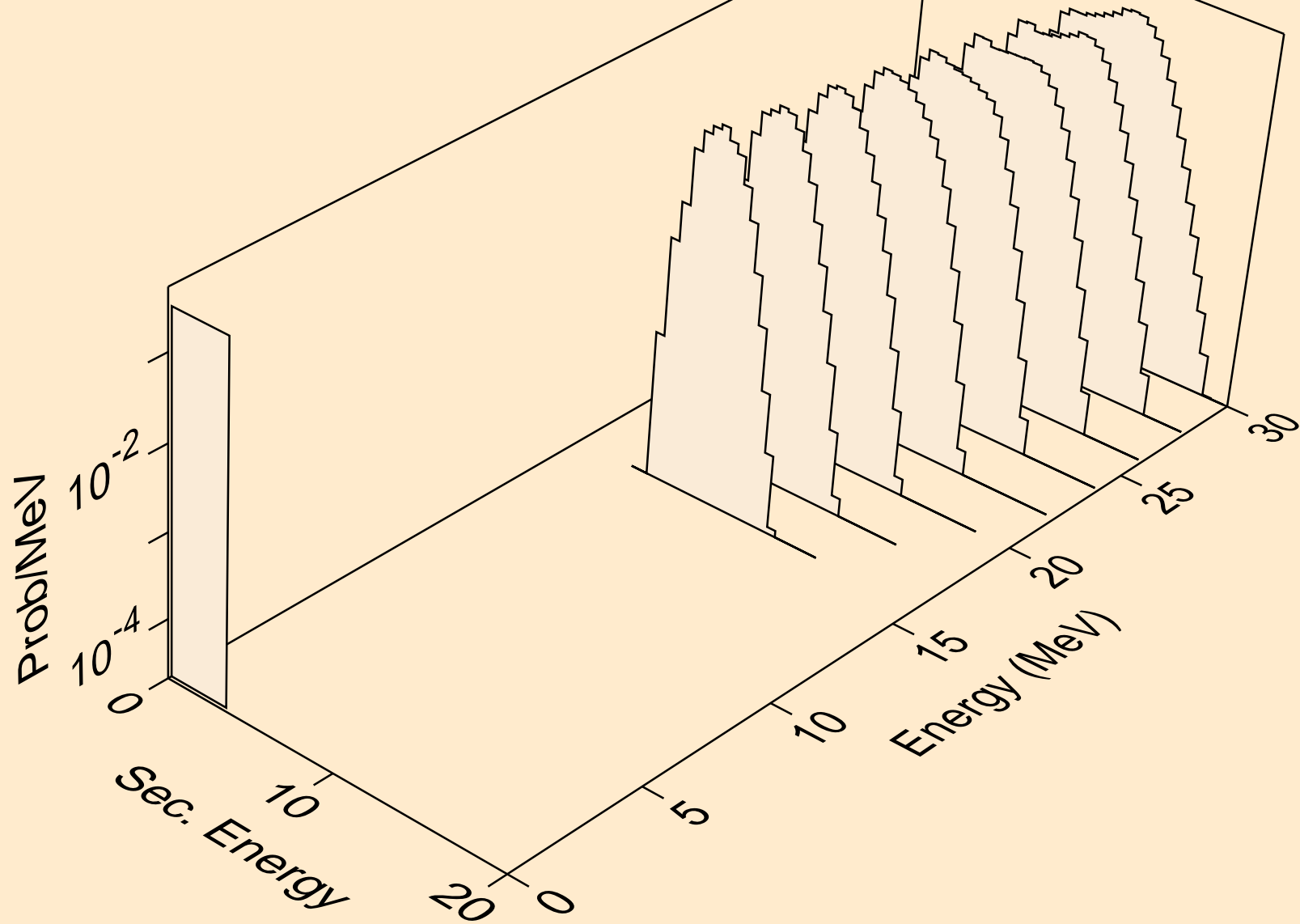
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



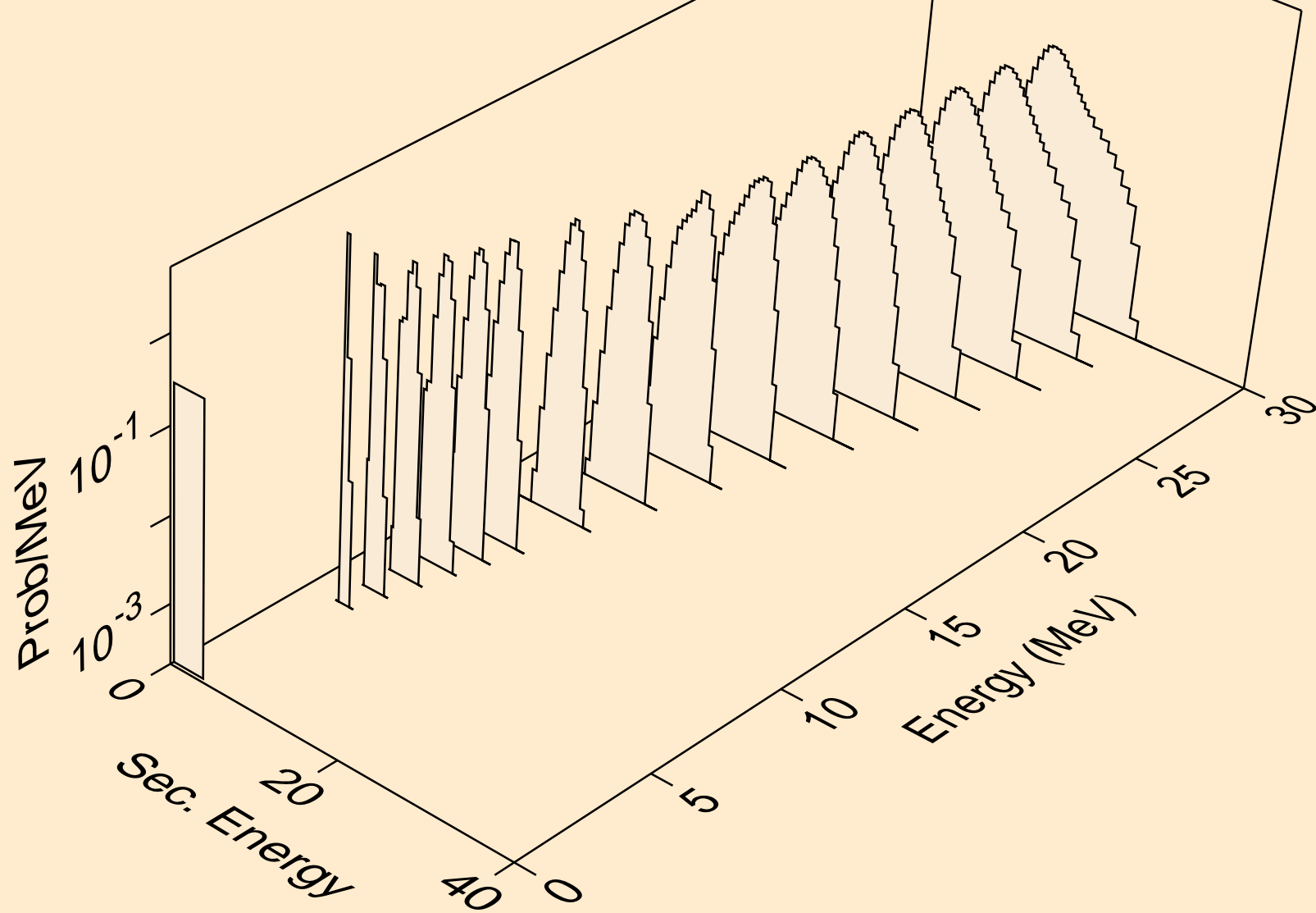
I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



I118M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

