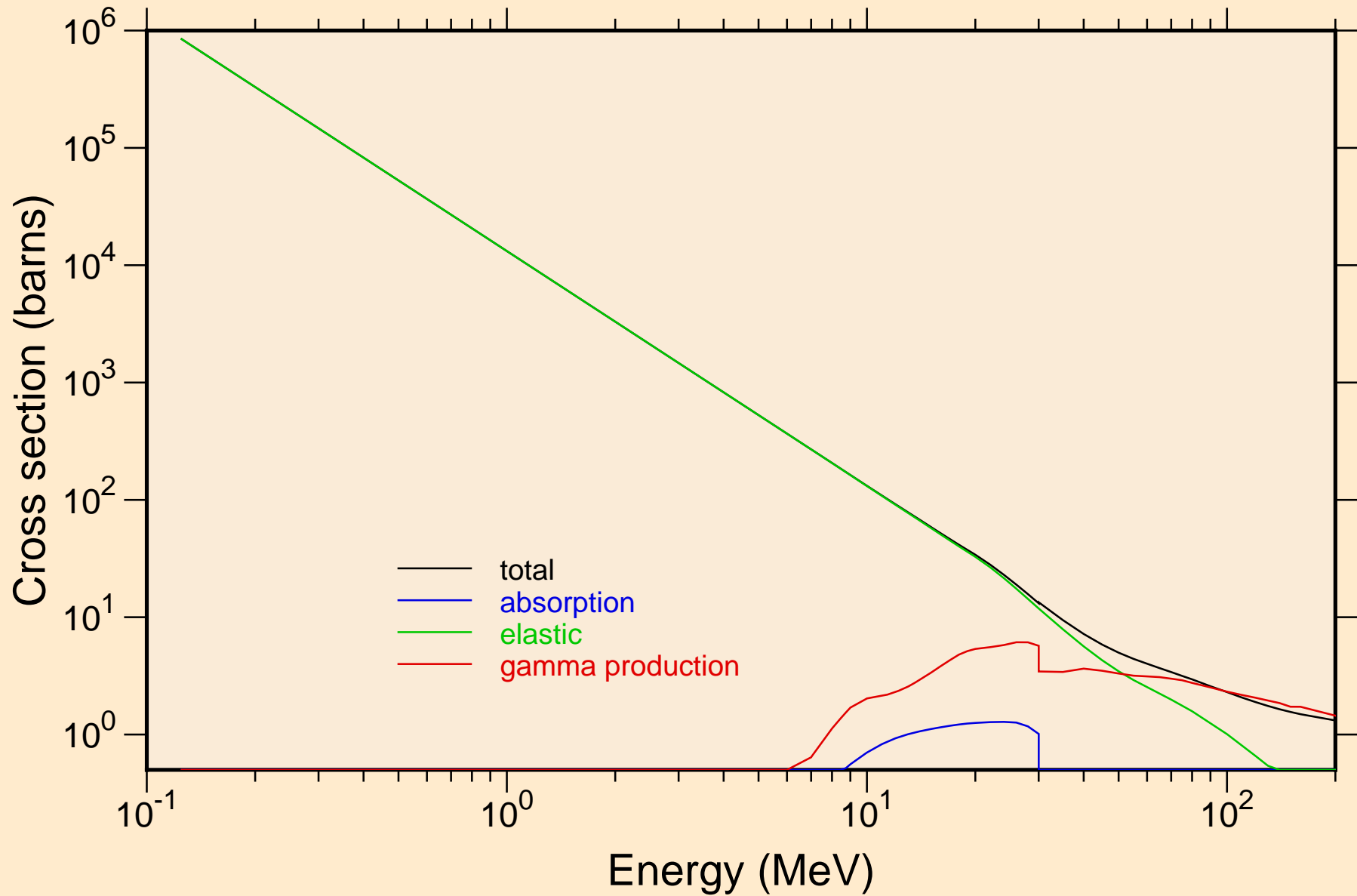
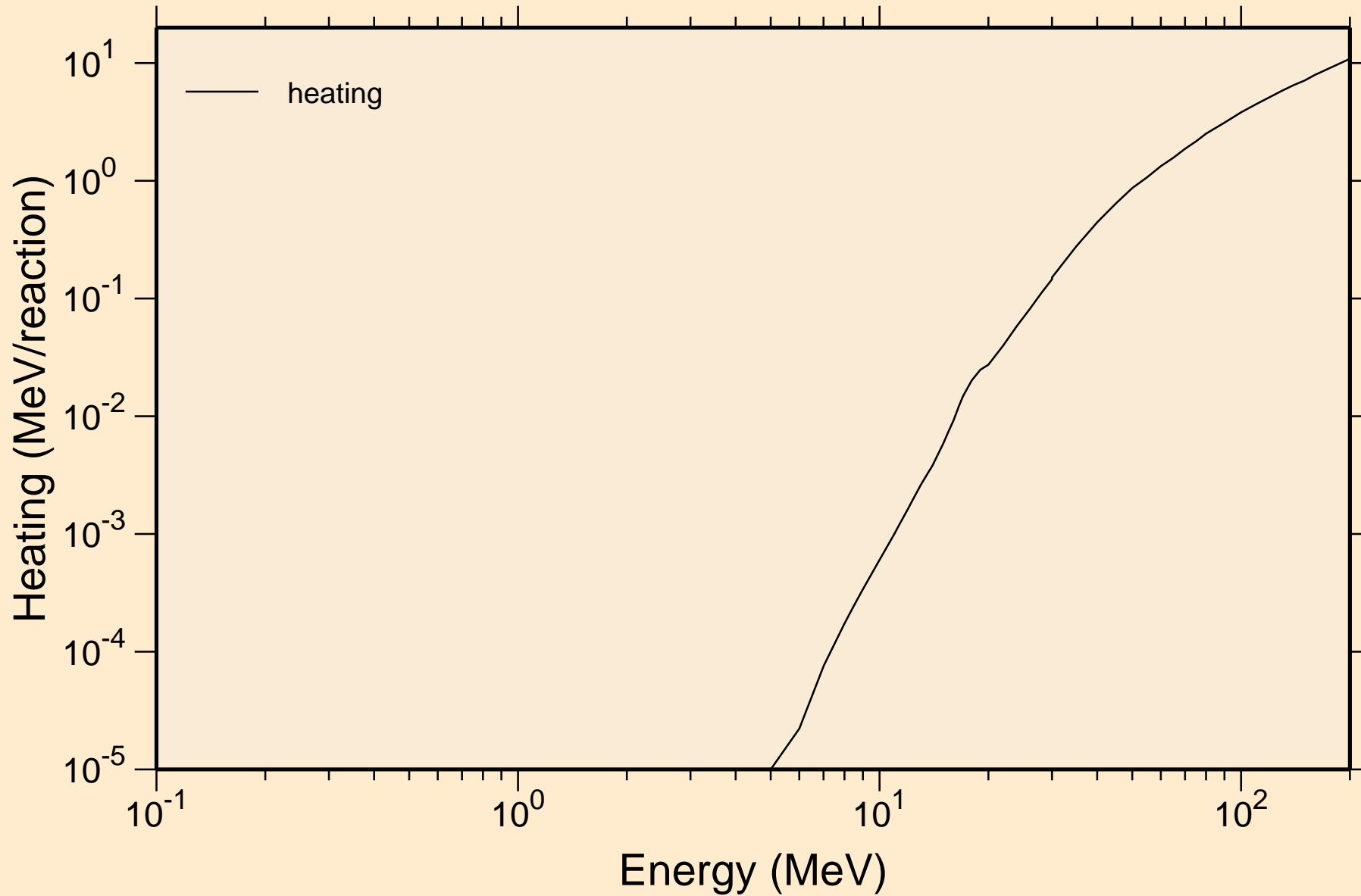


# PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

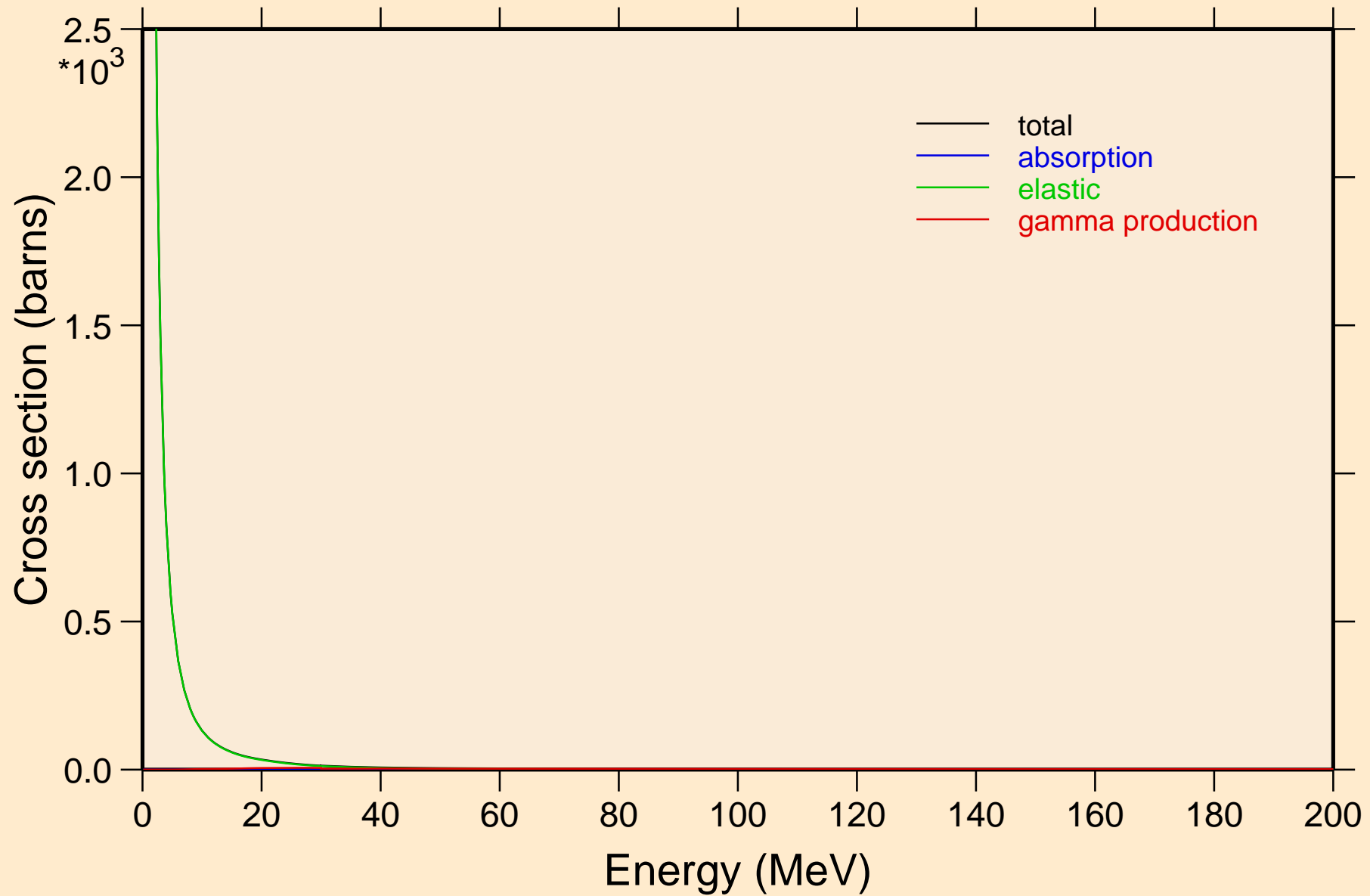


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



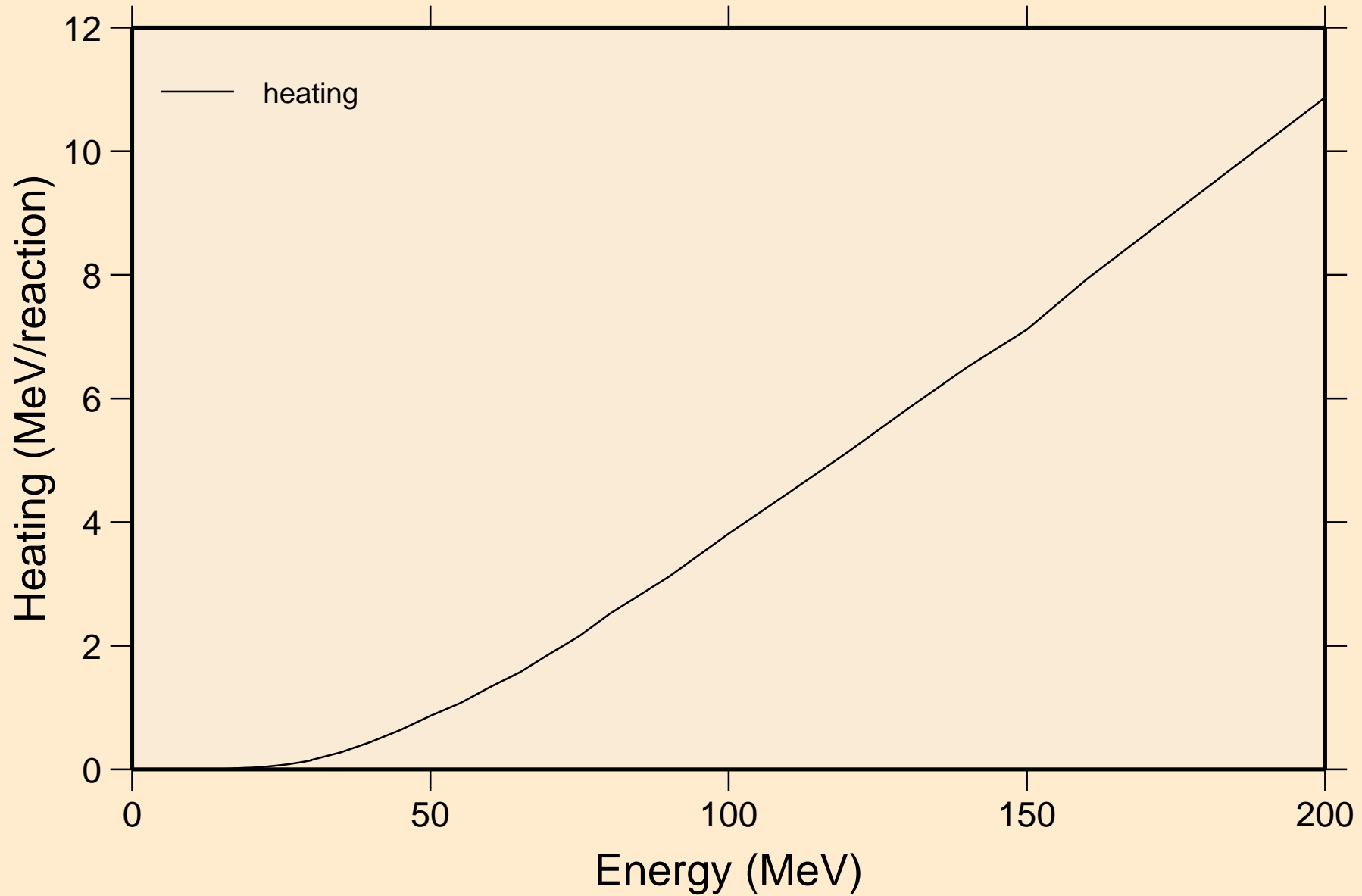
# PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

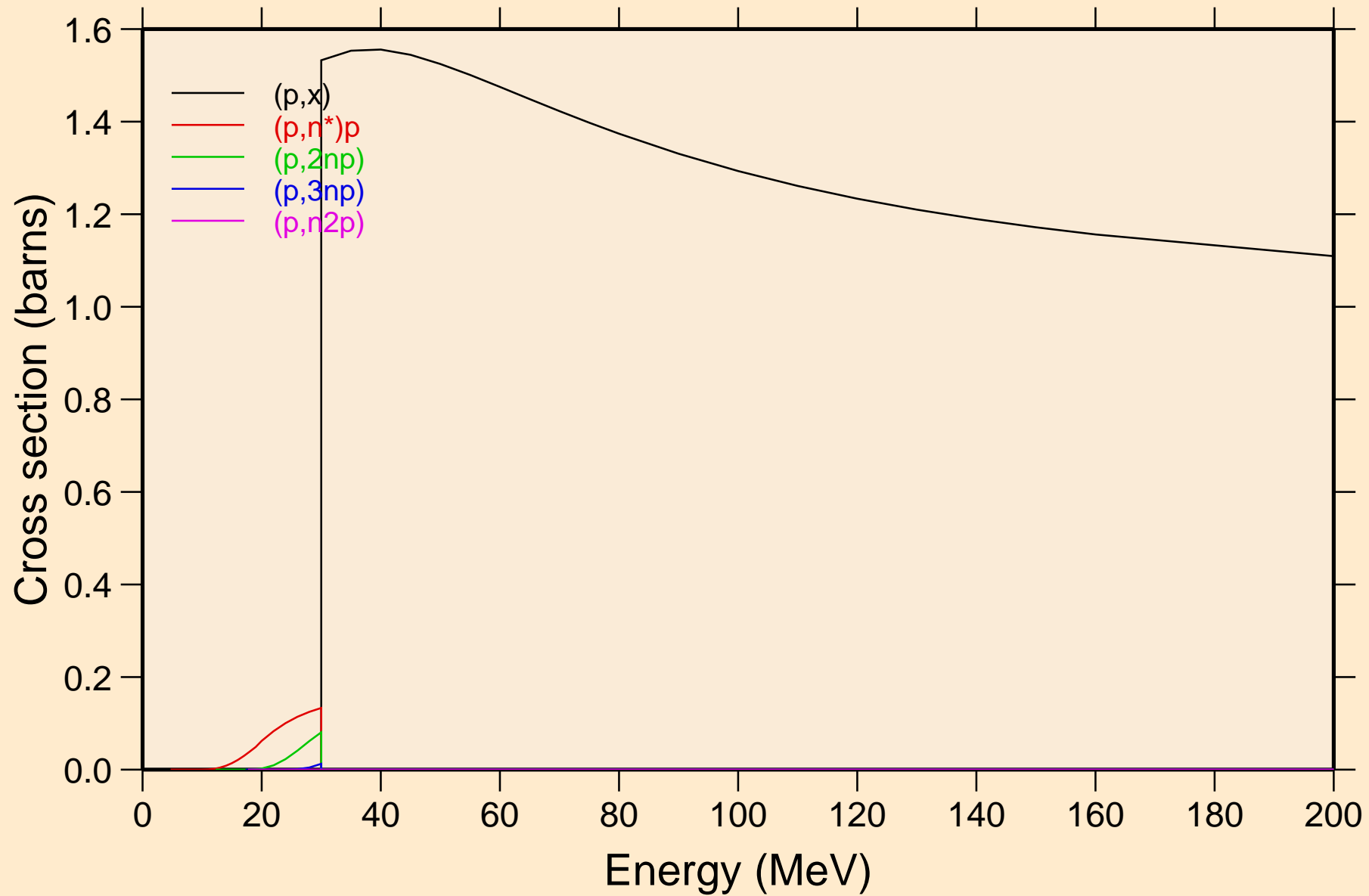


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K

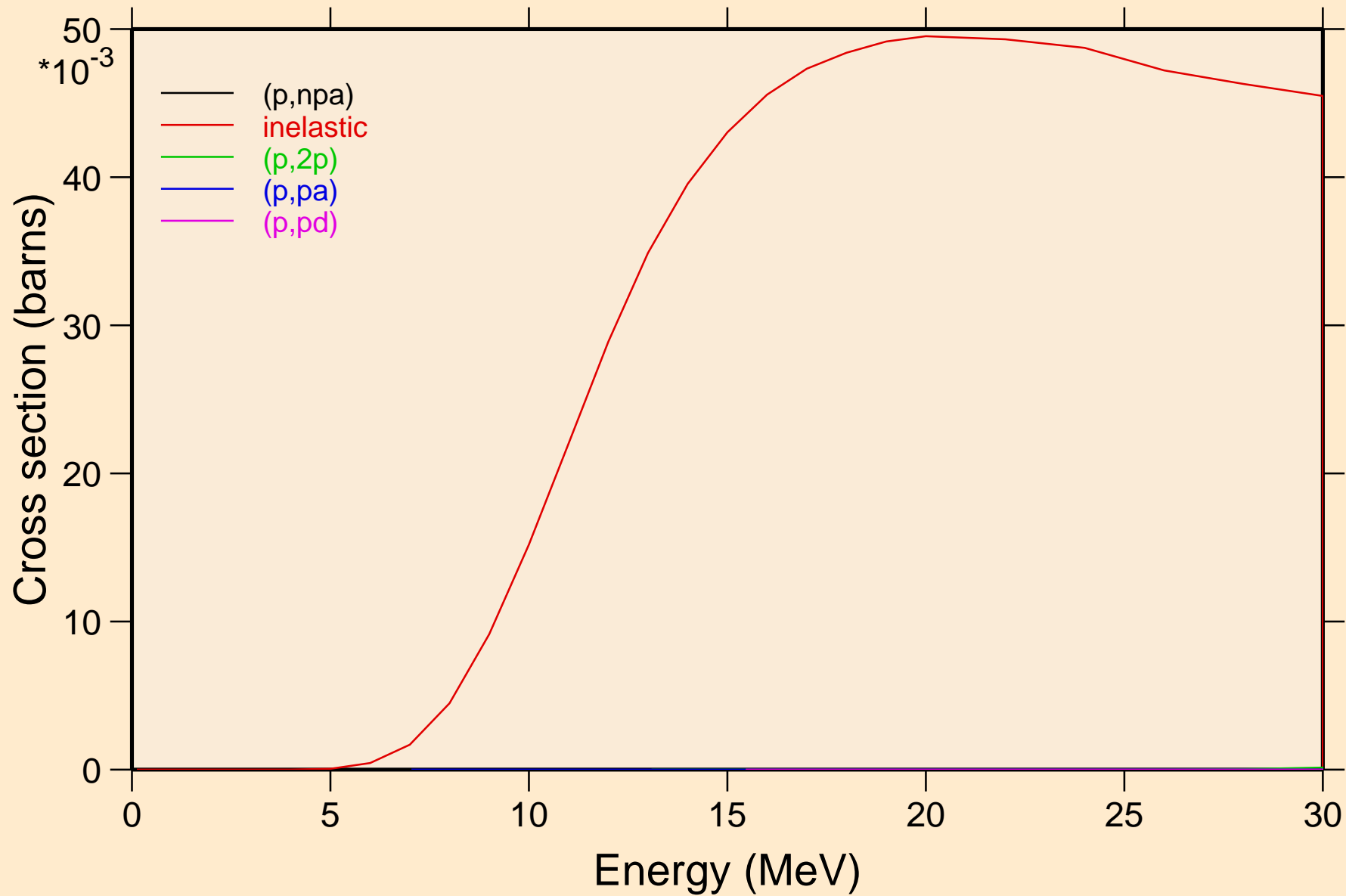
Heating



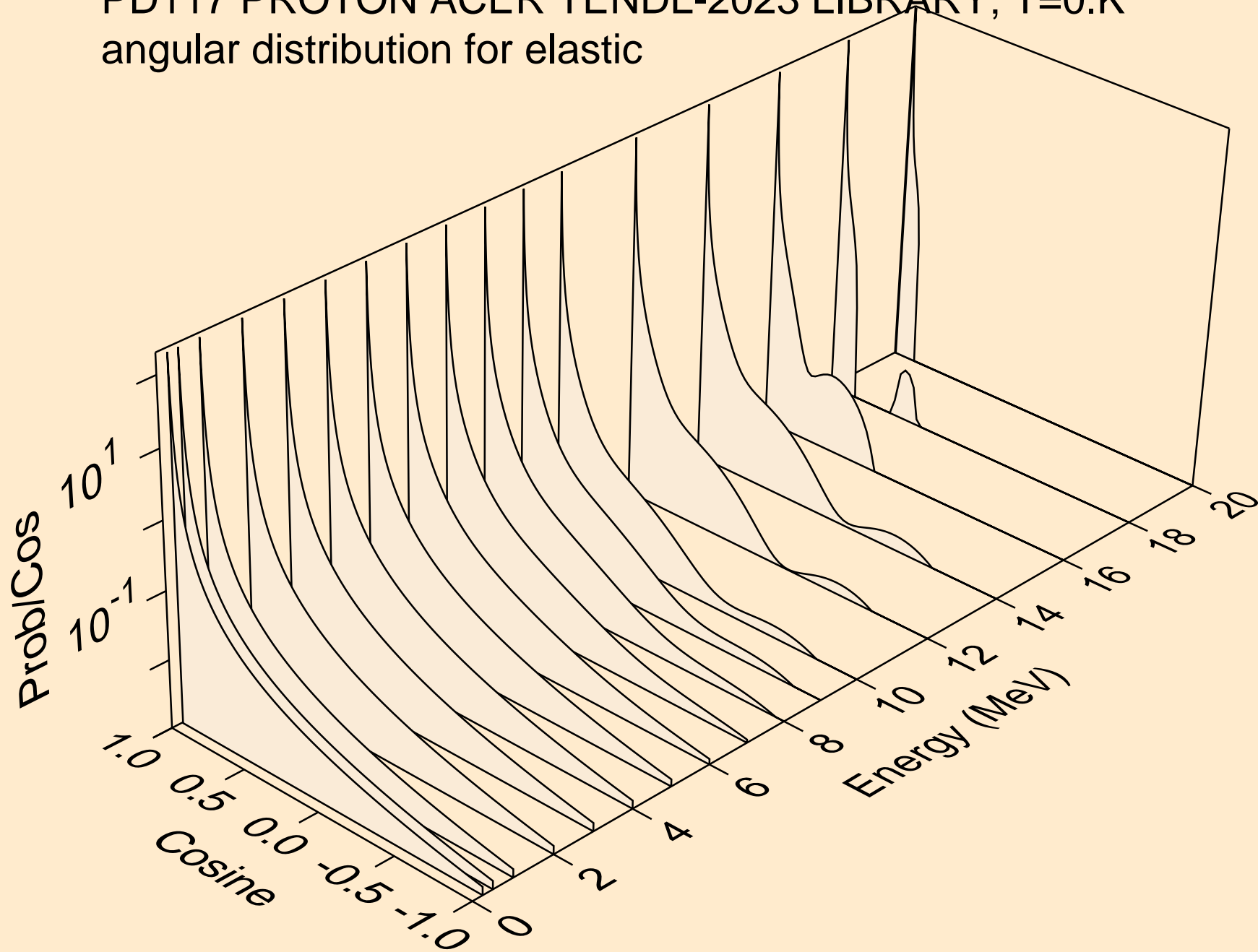
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



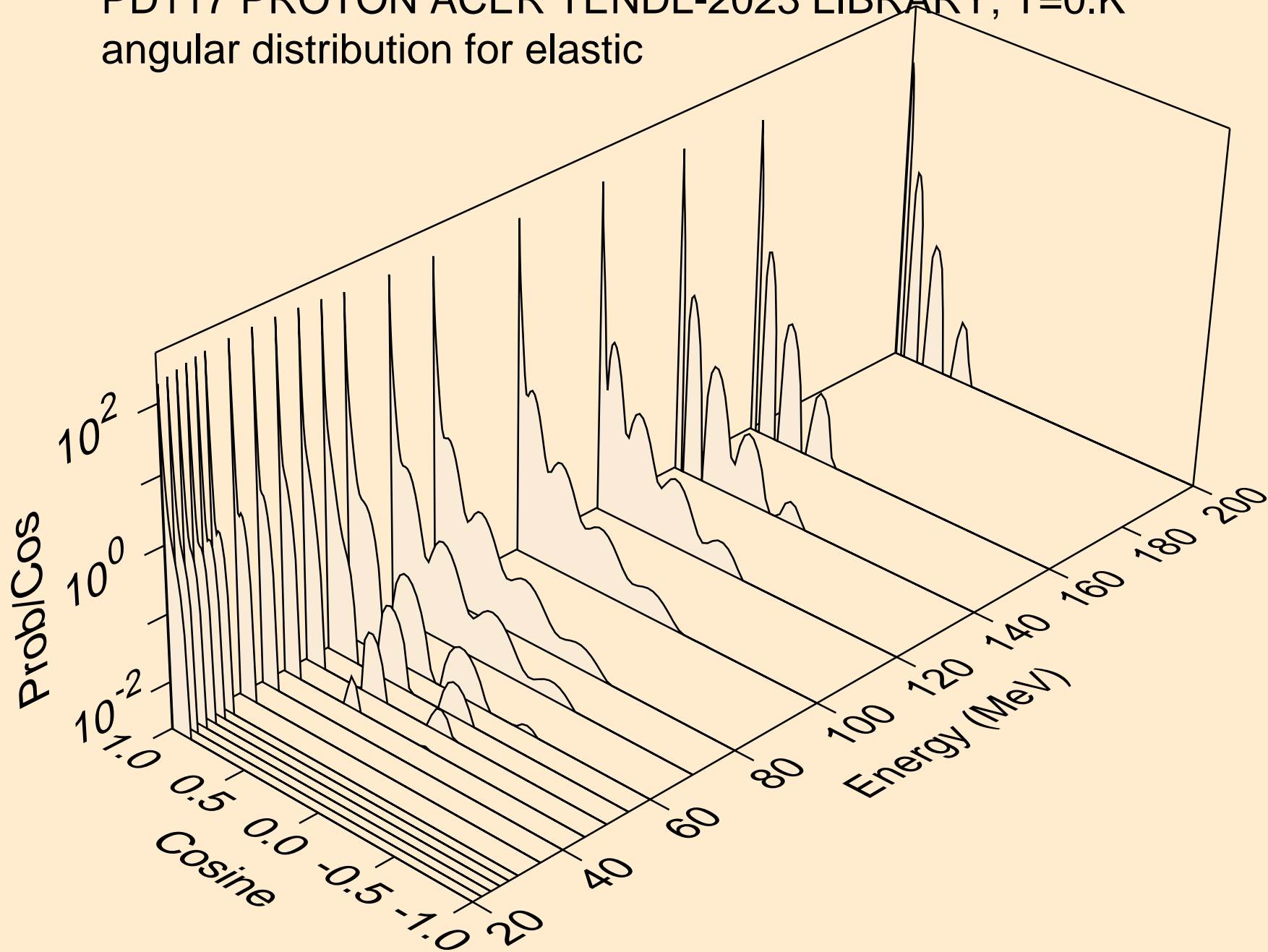
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

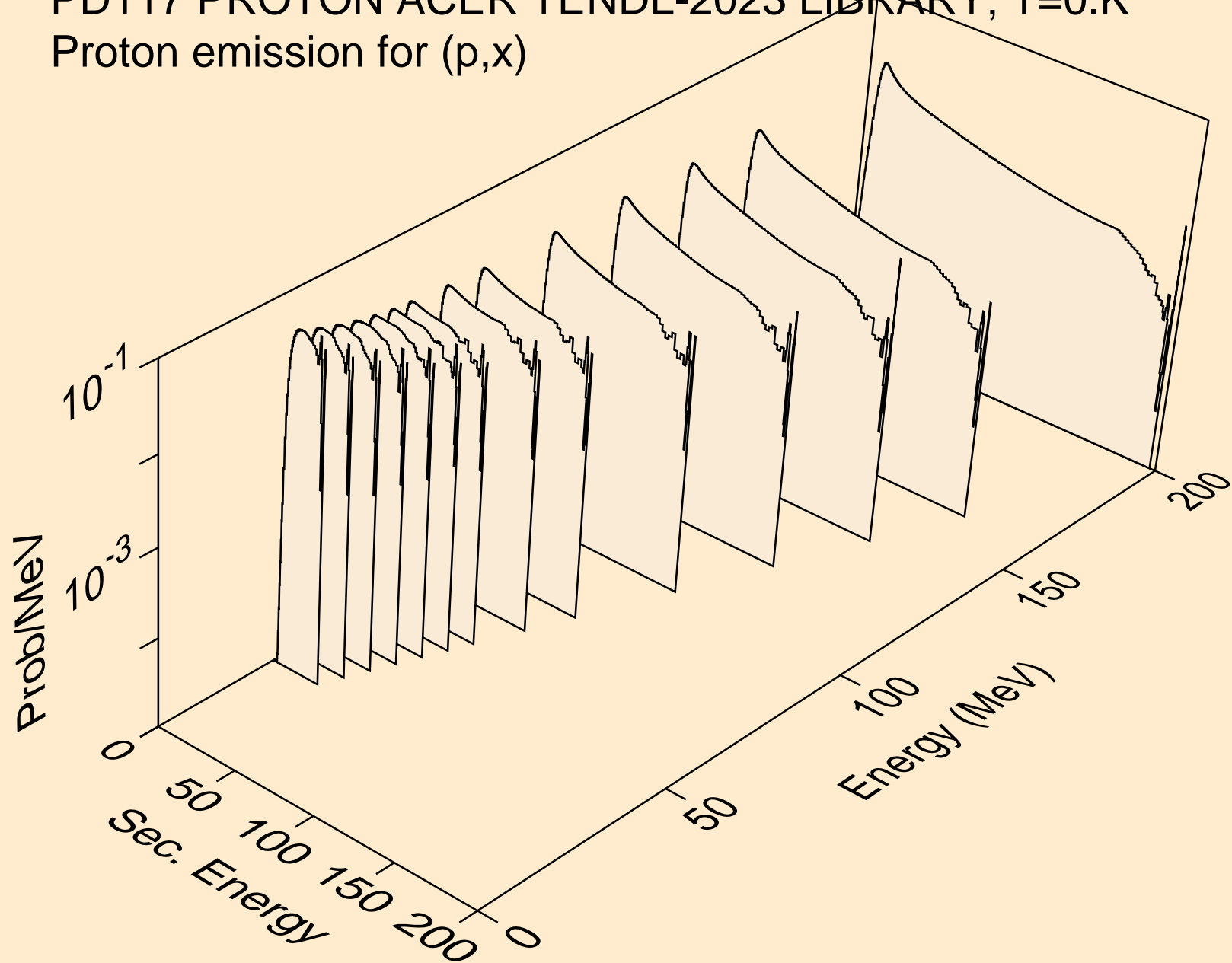


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

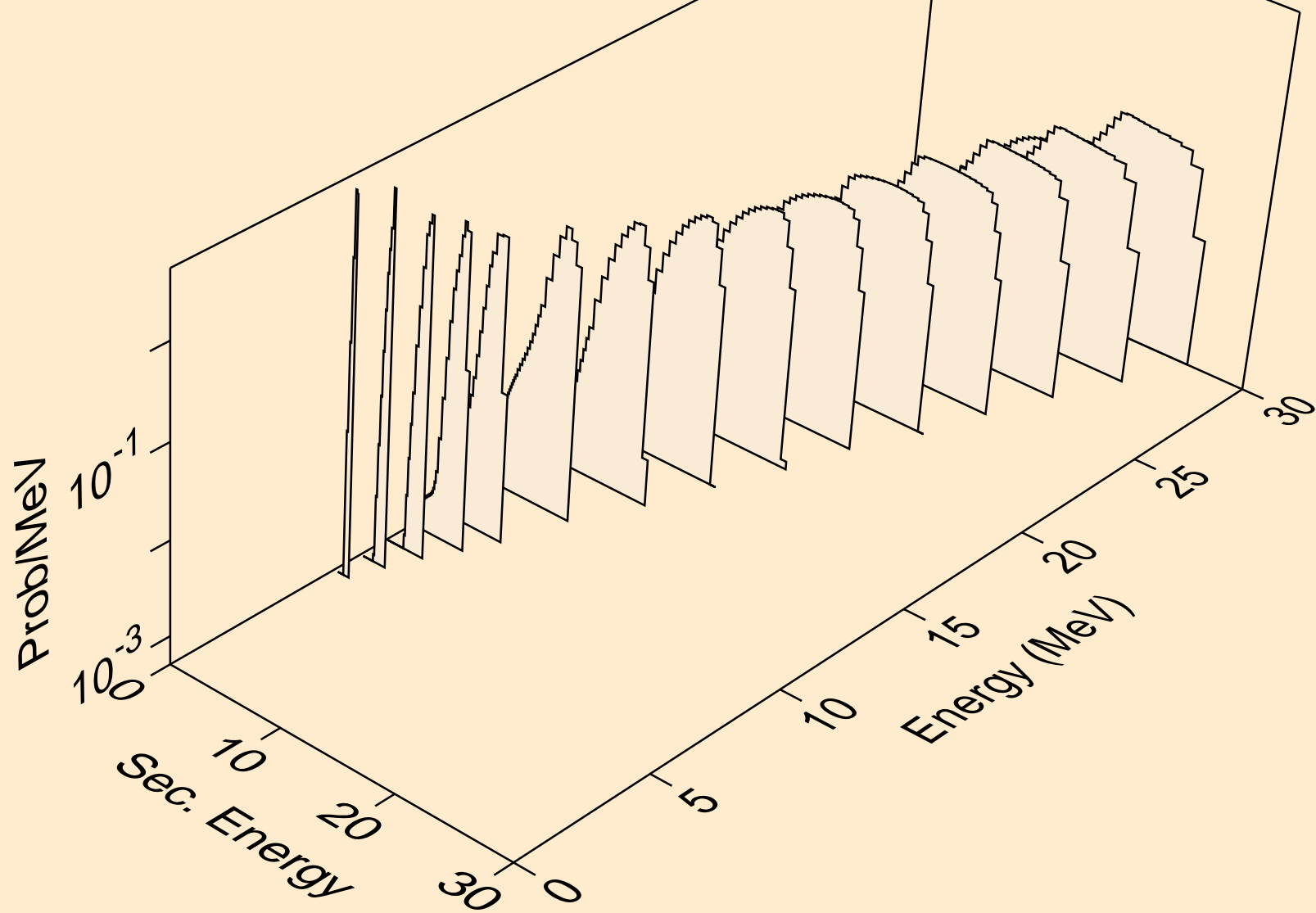




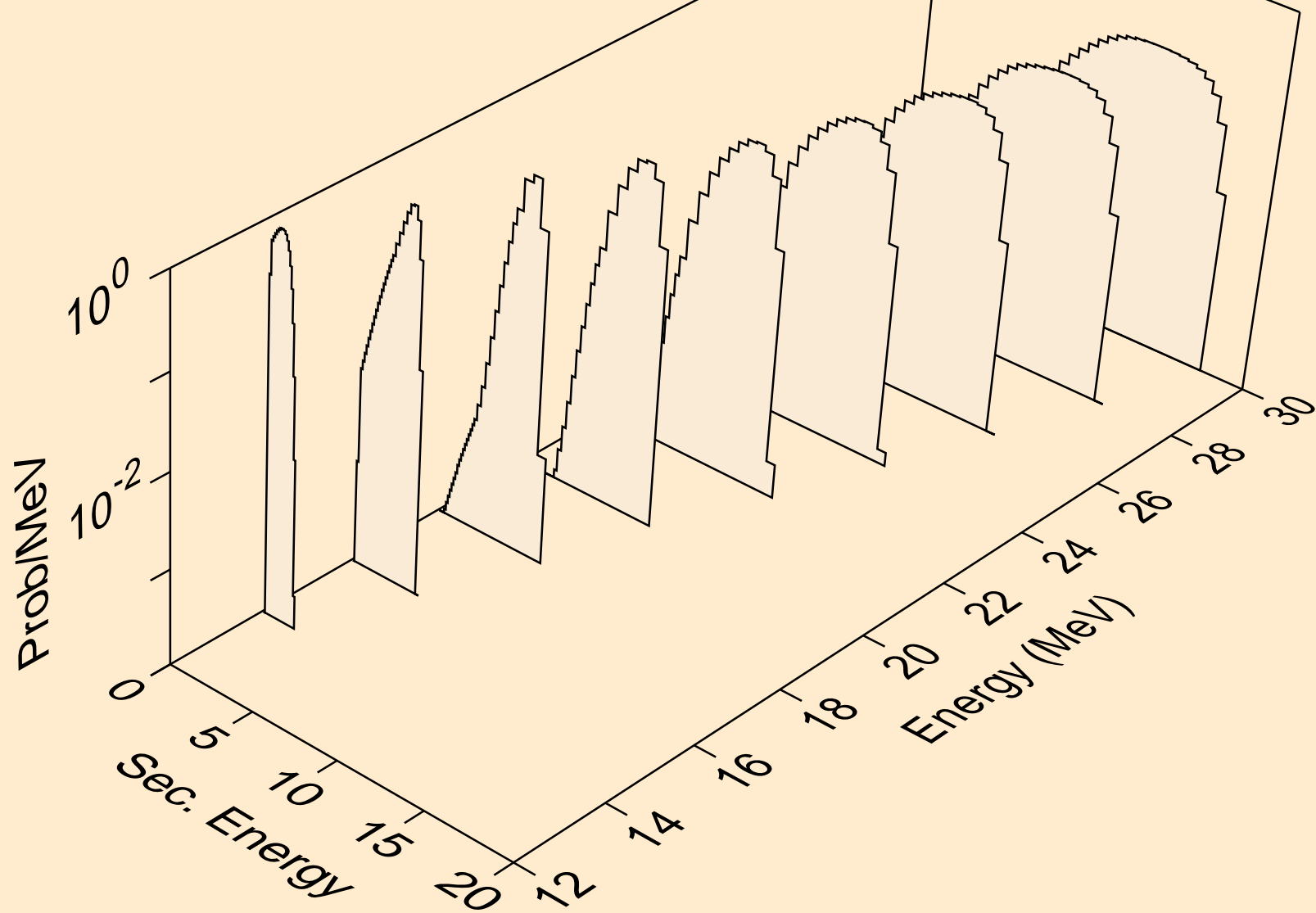
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



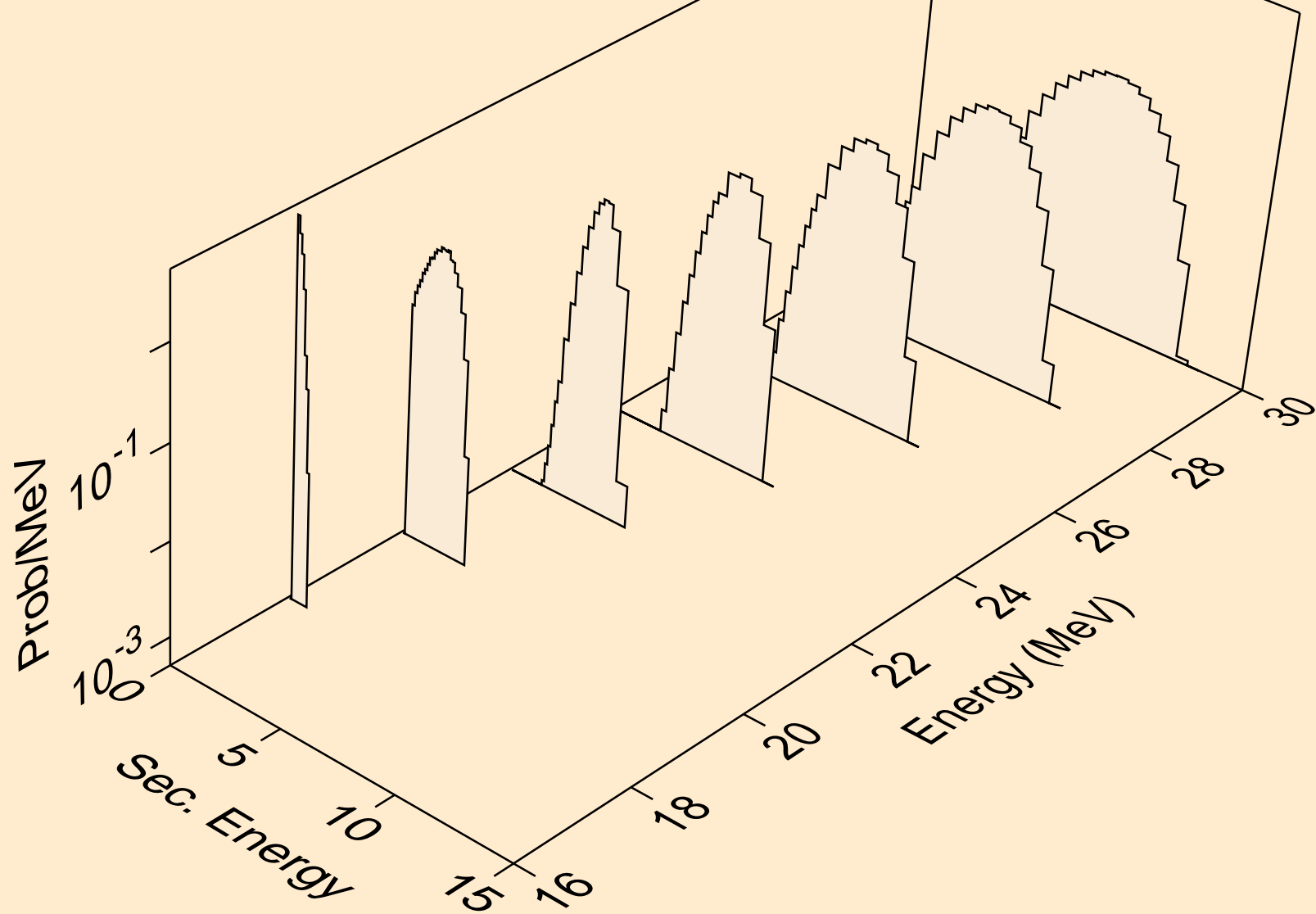
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



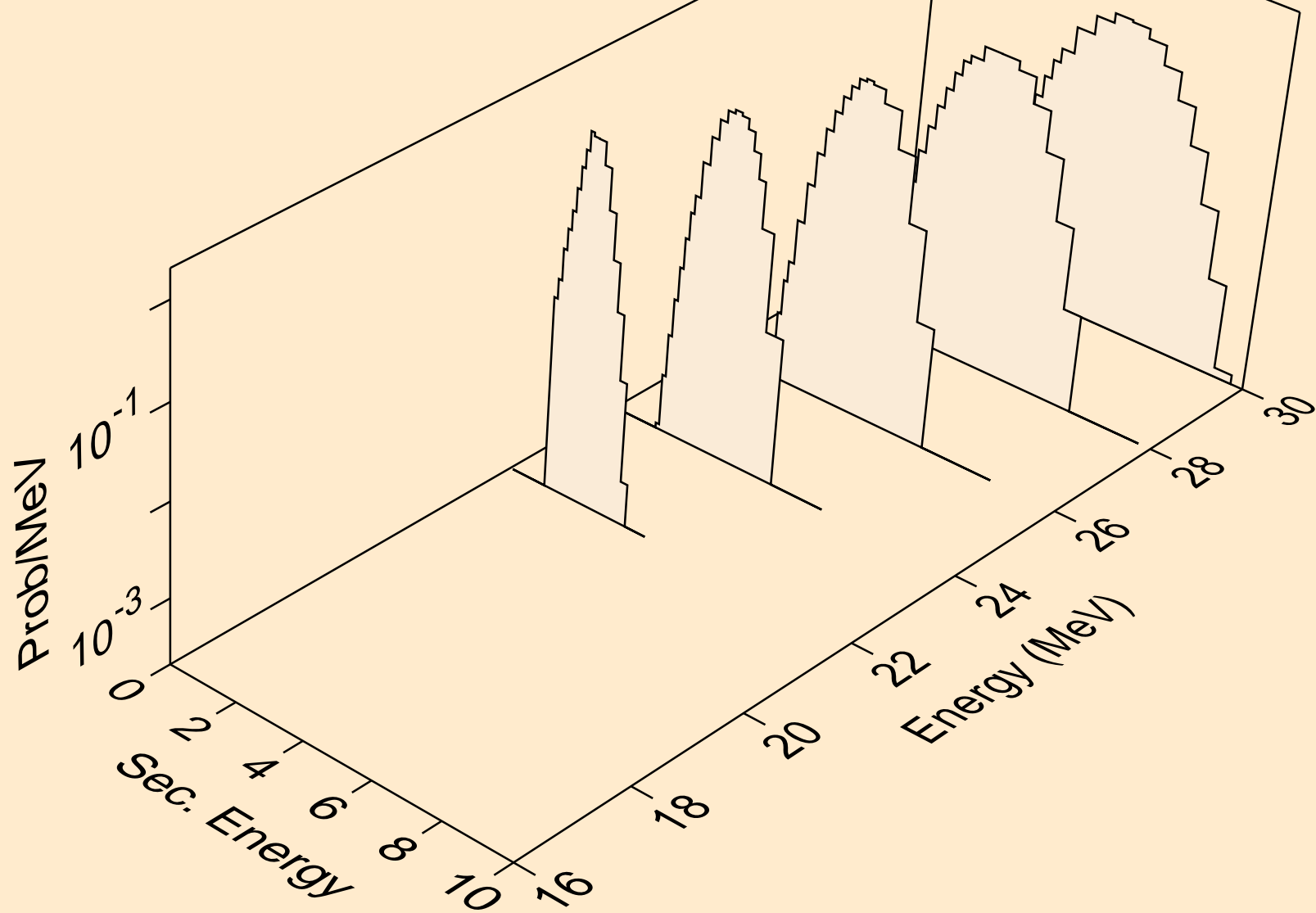
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



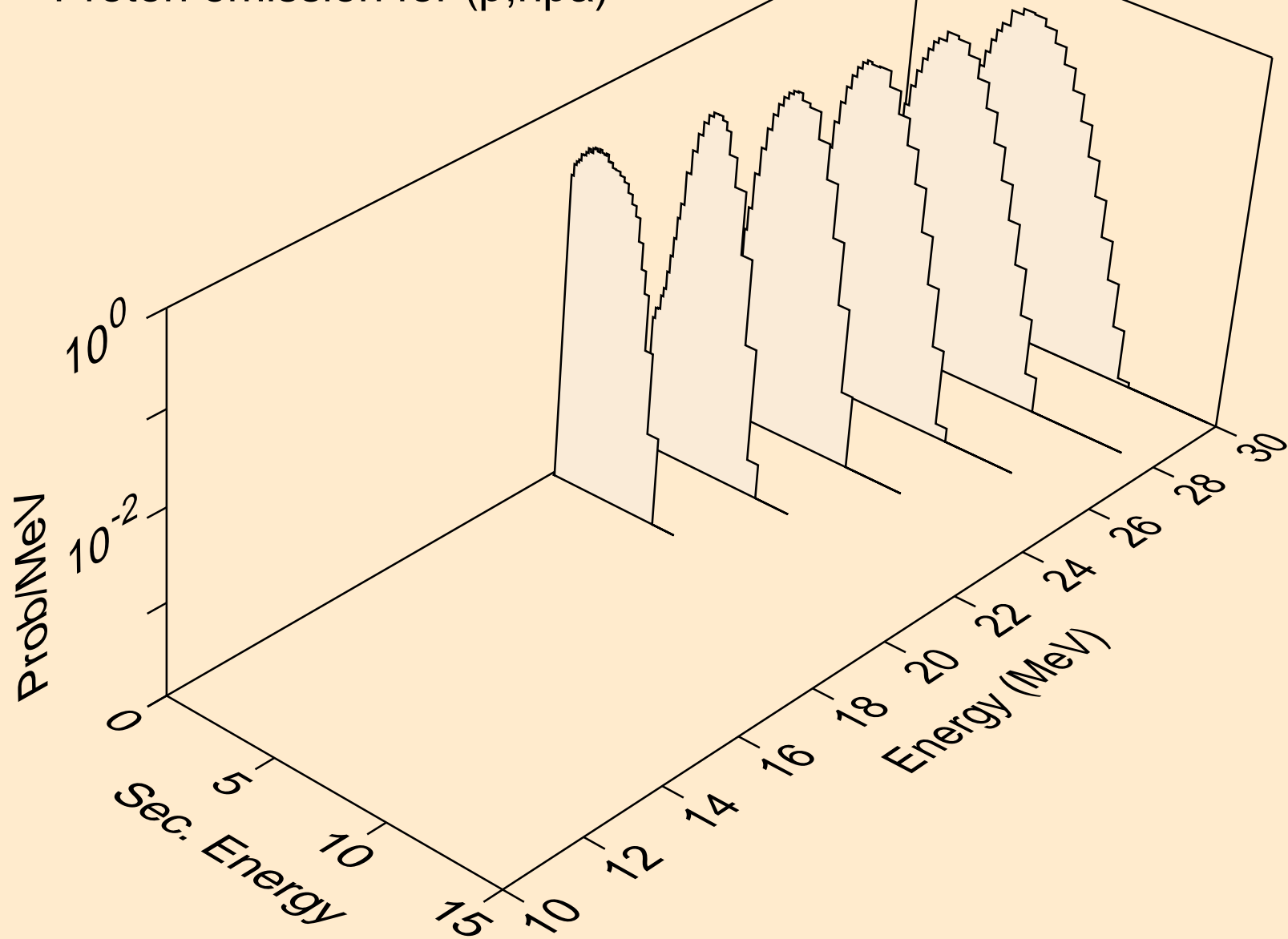
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



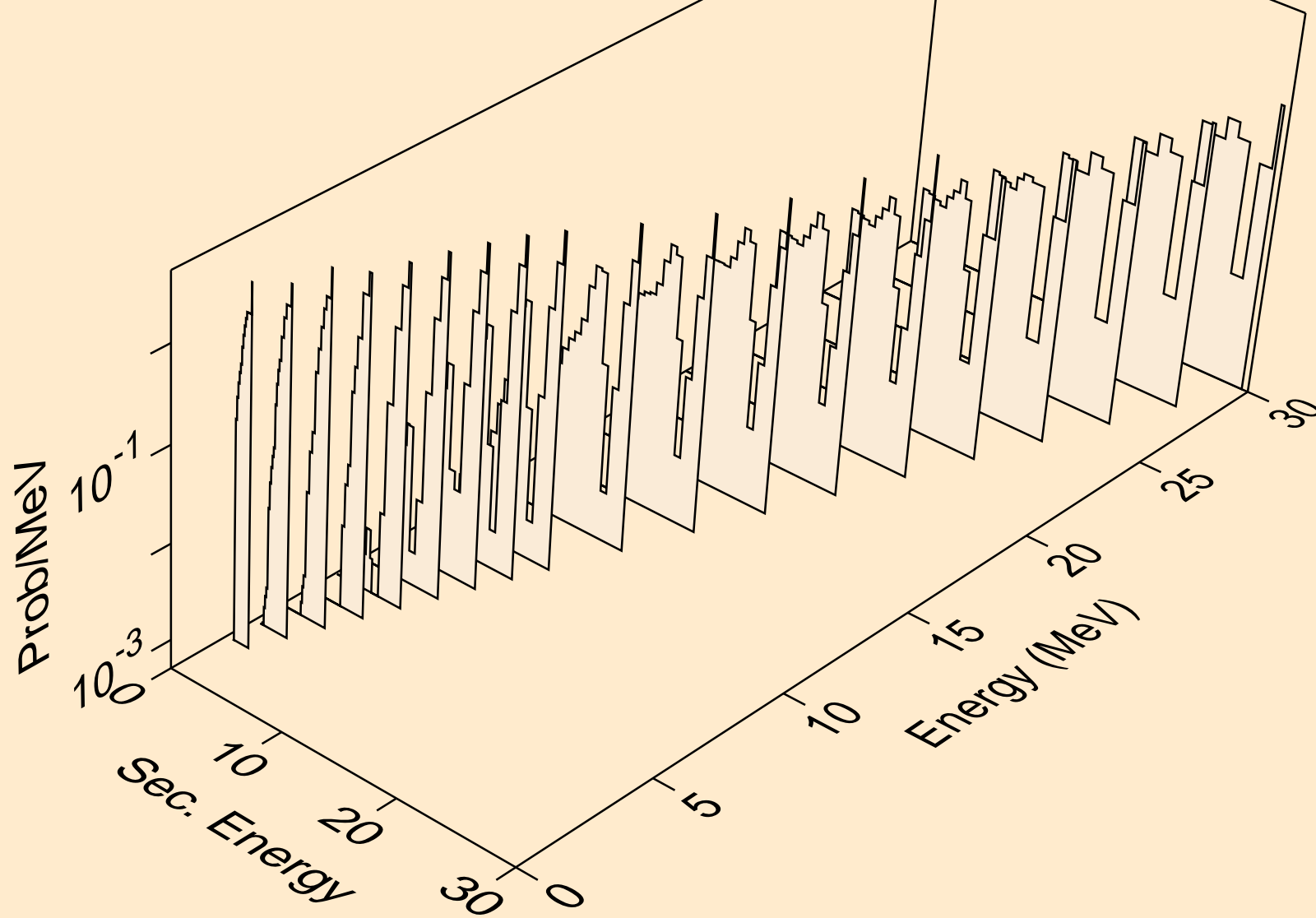
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



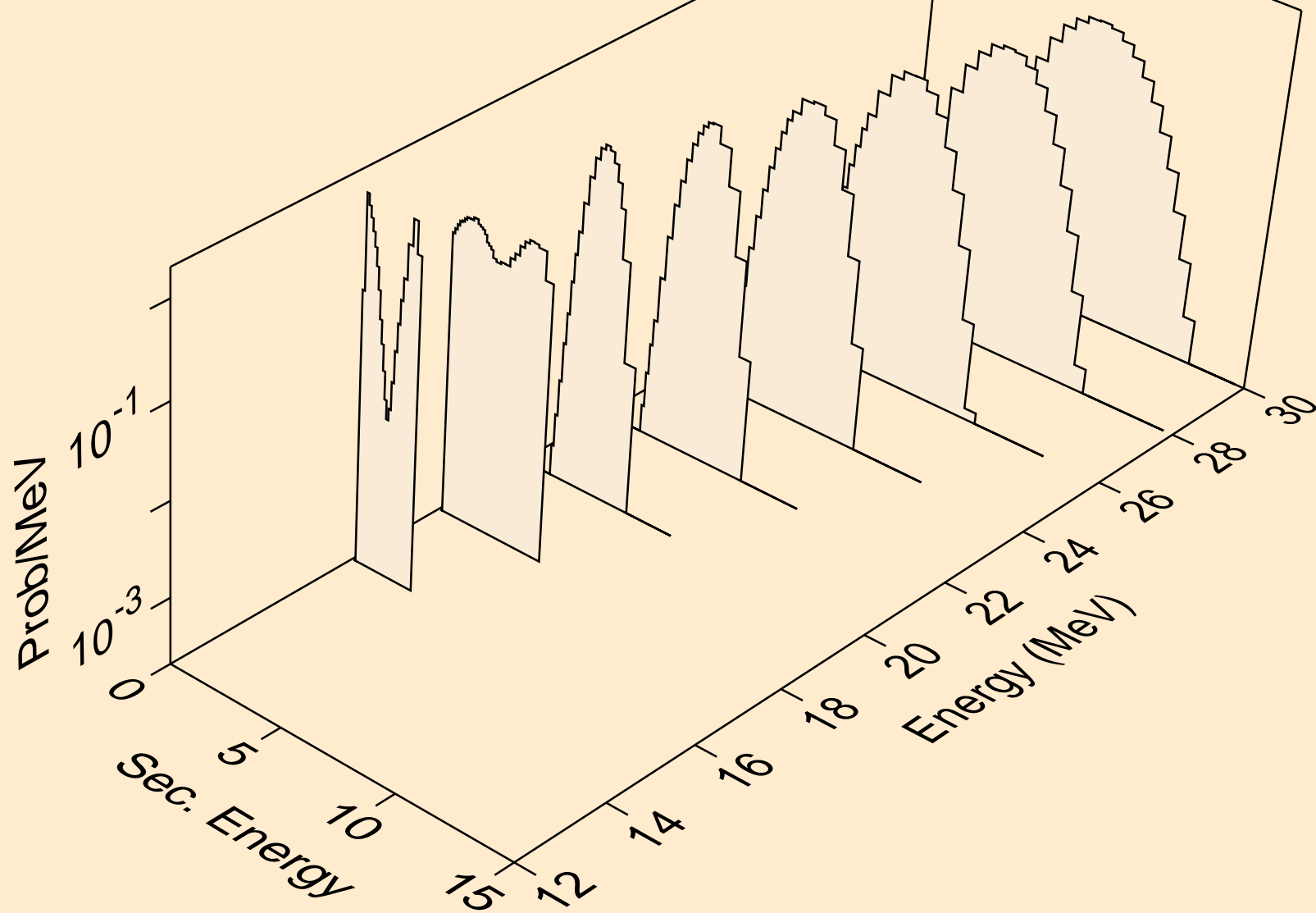
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

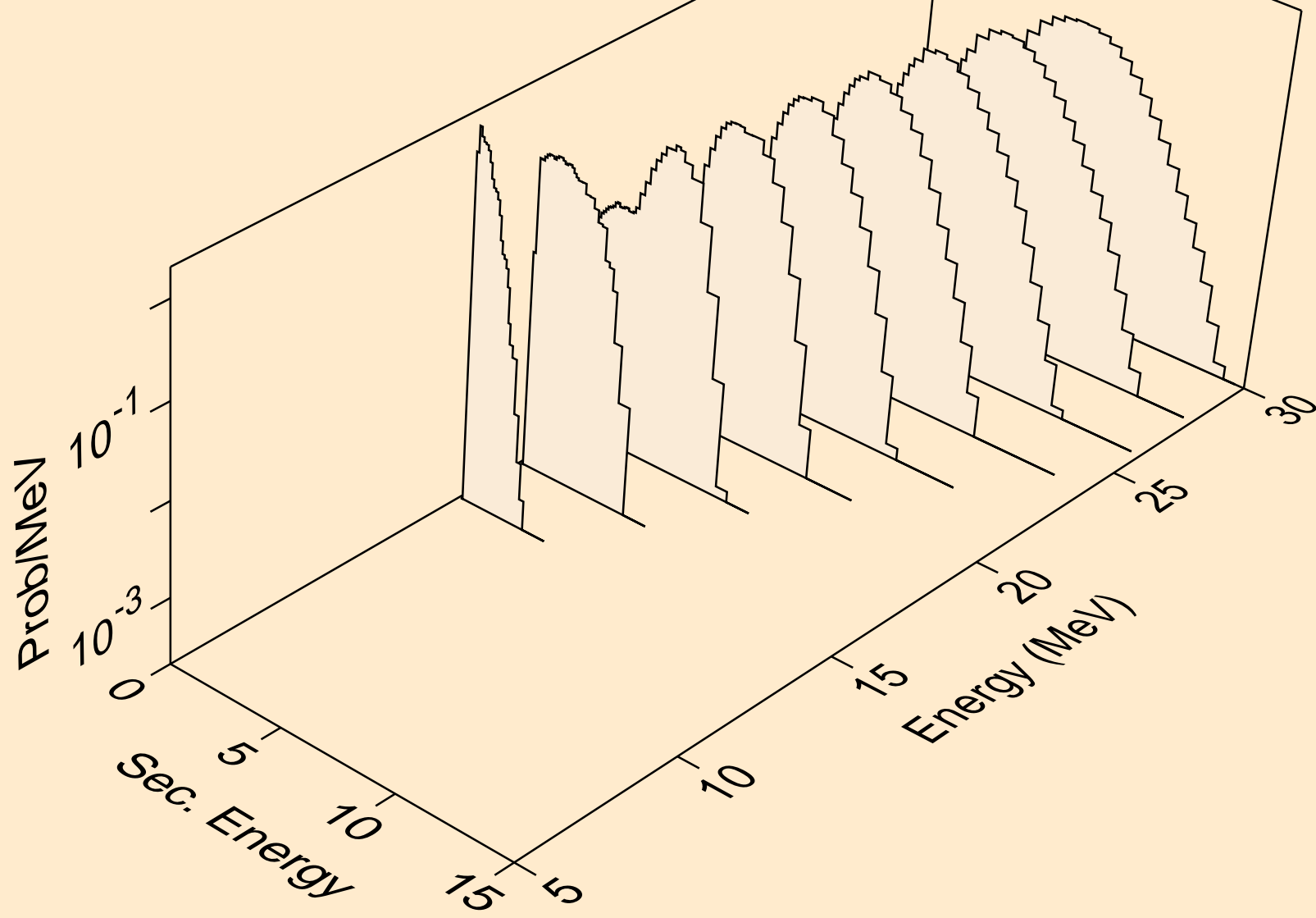


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Proton emission for (p,2p)

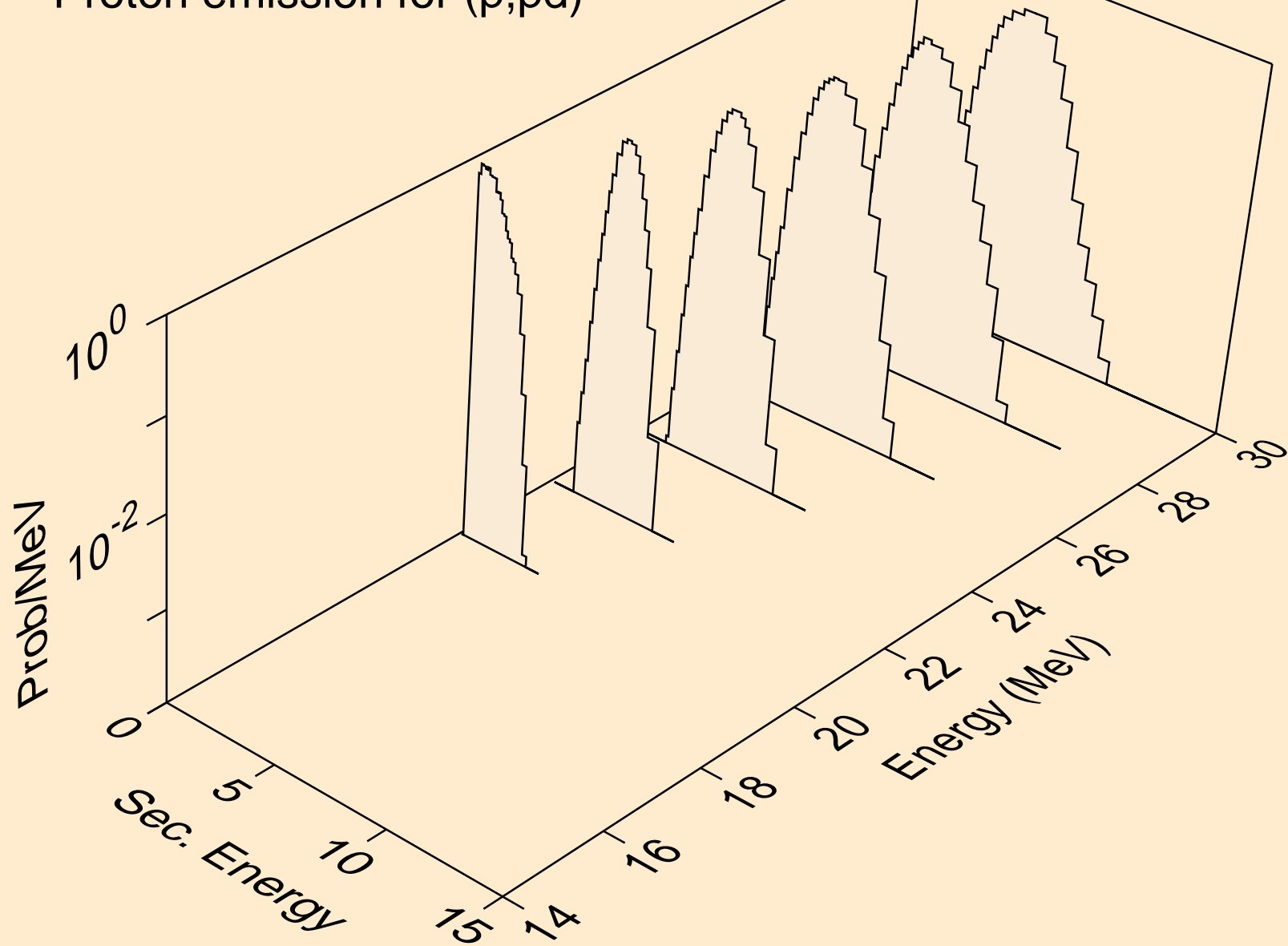




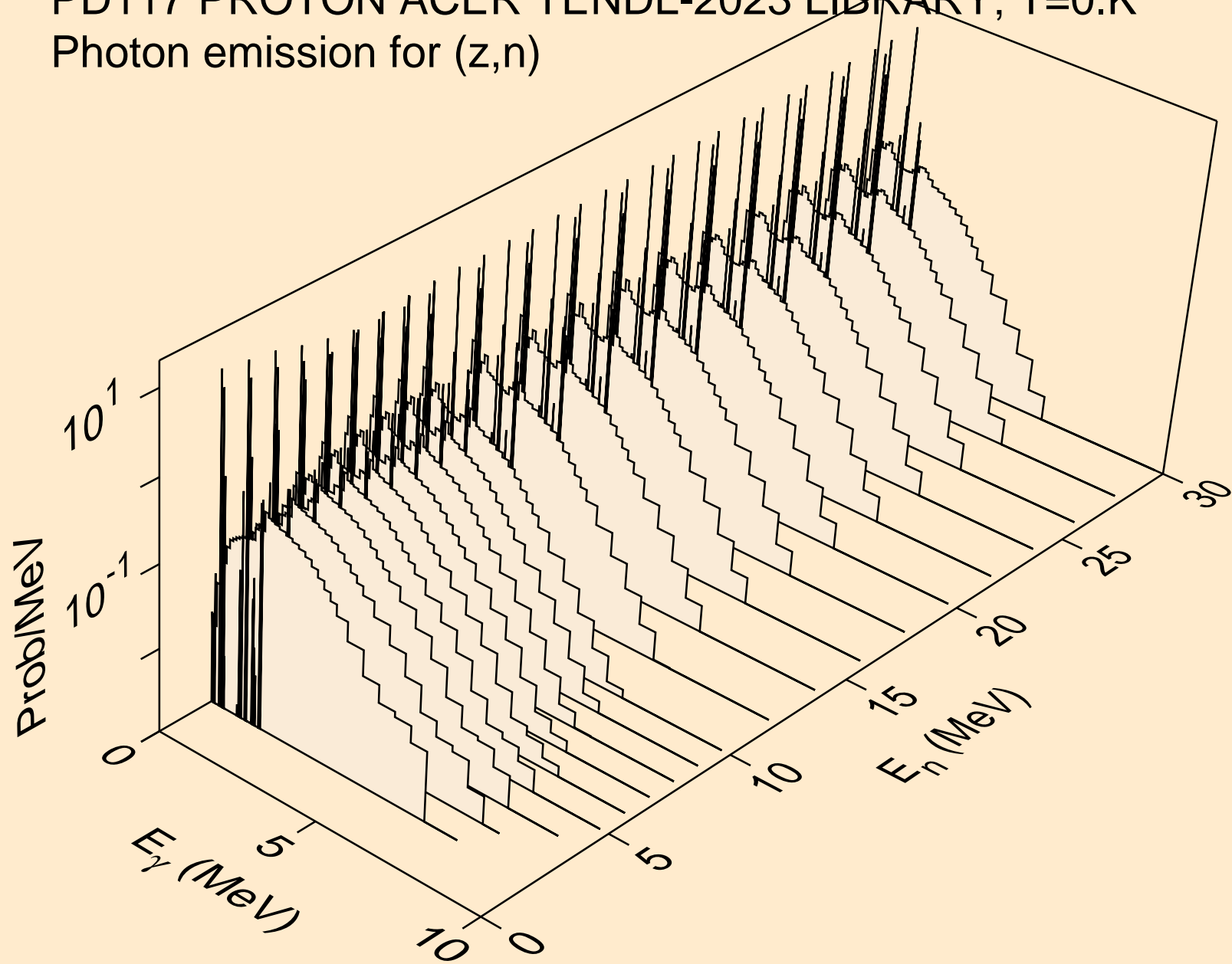
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Proton emission for (p,pa)



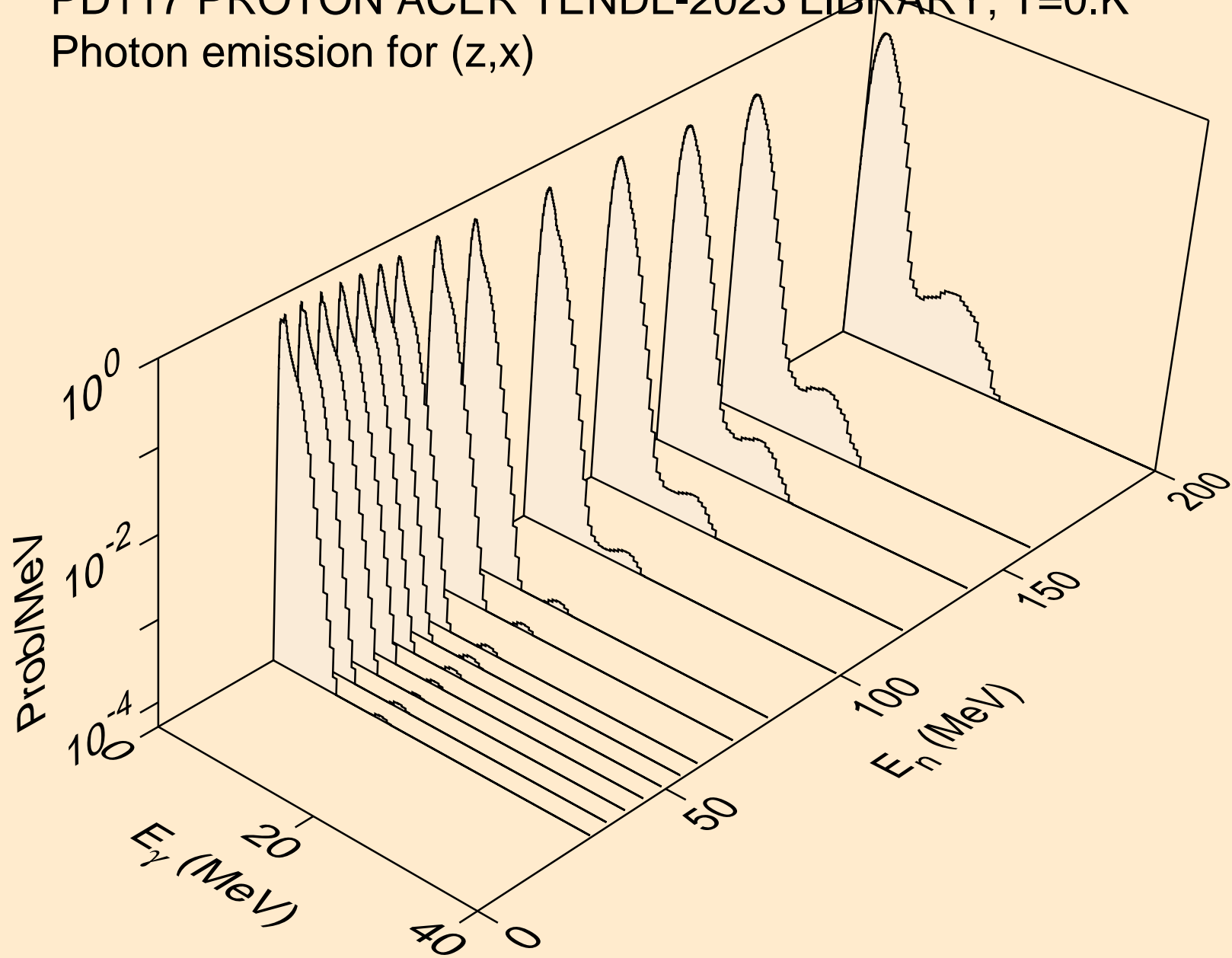
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



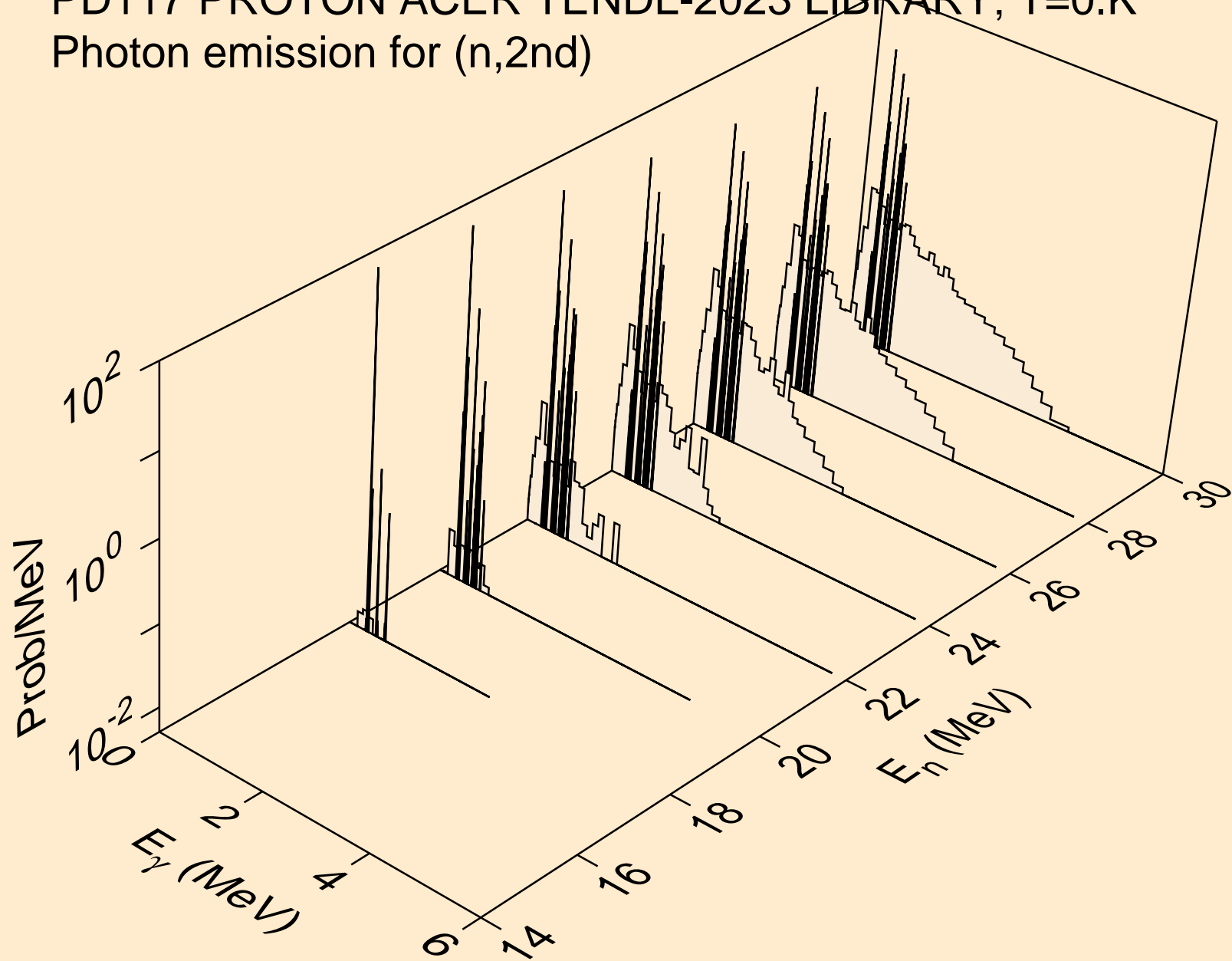
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



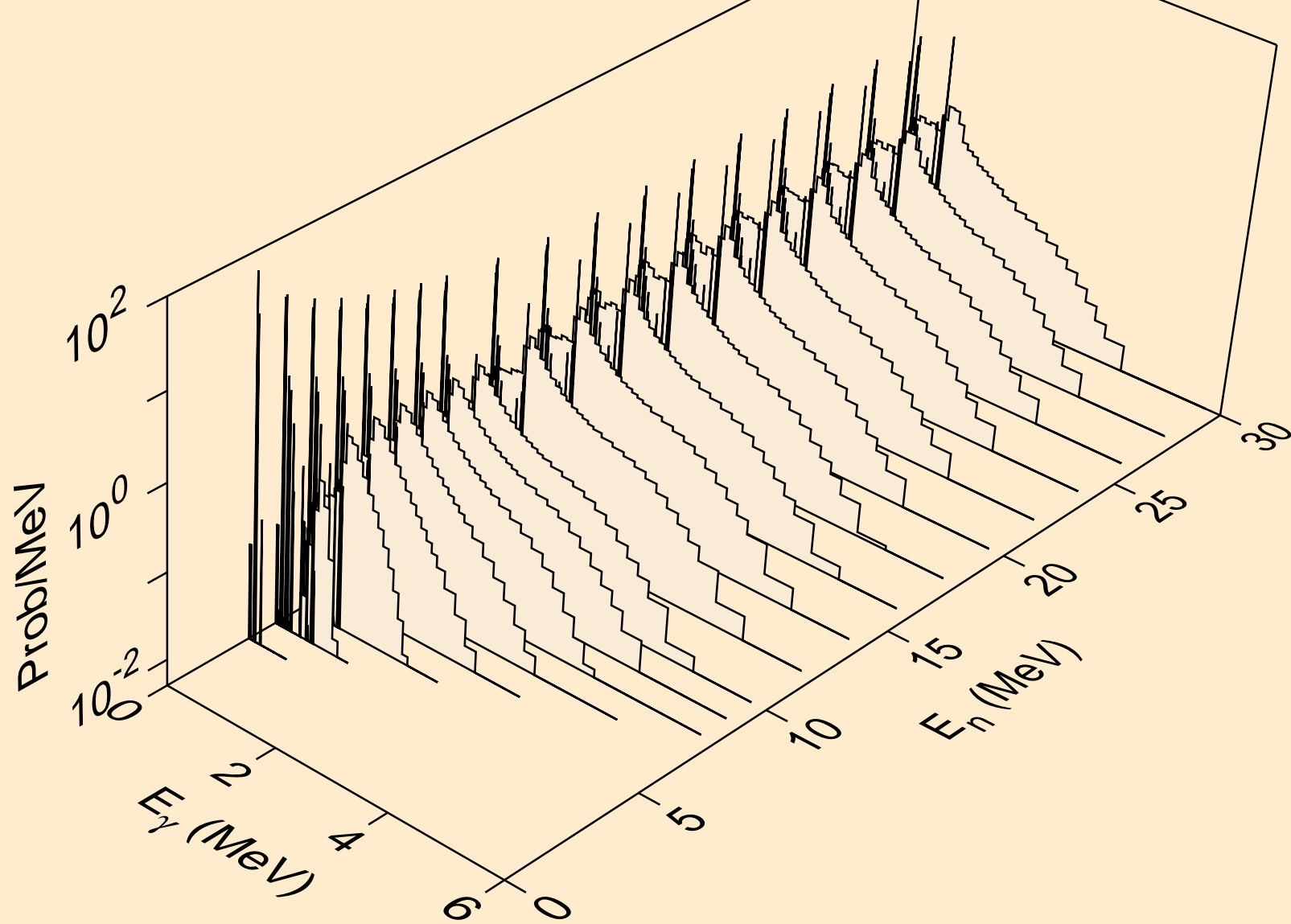
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



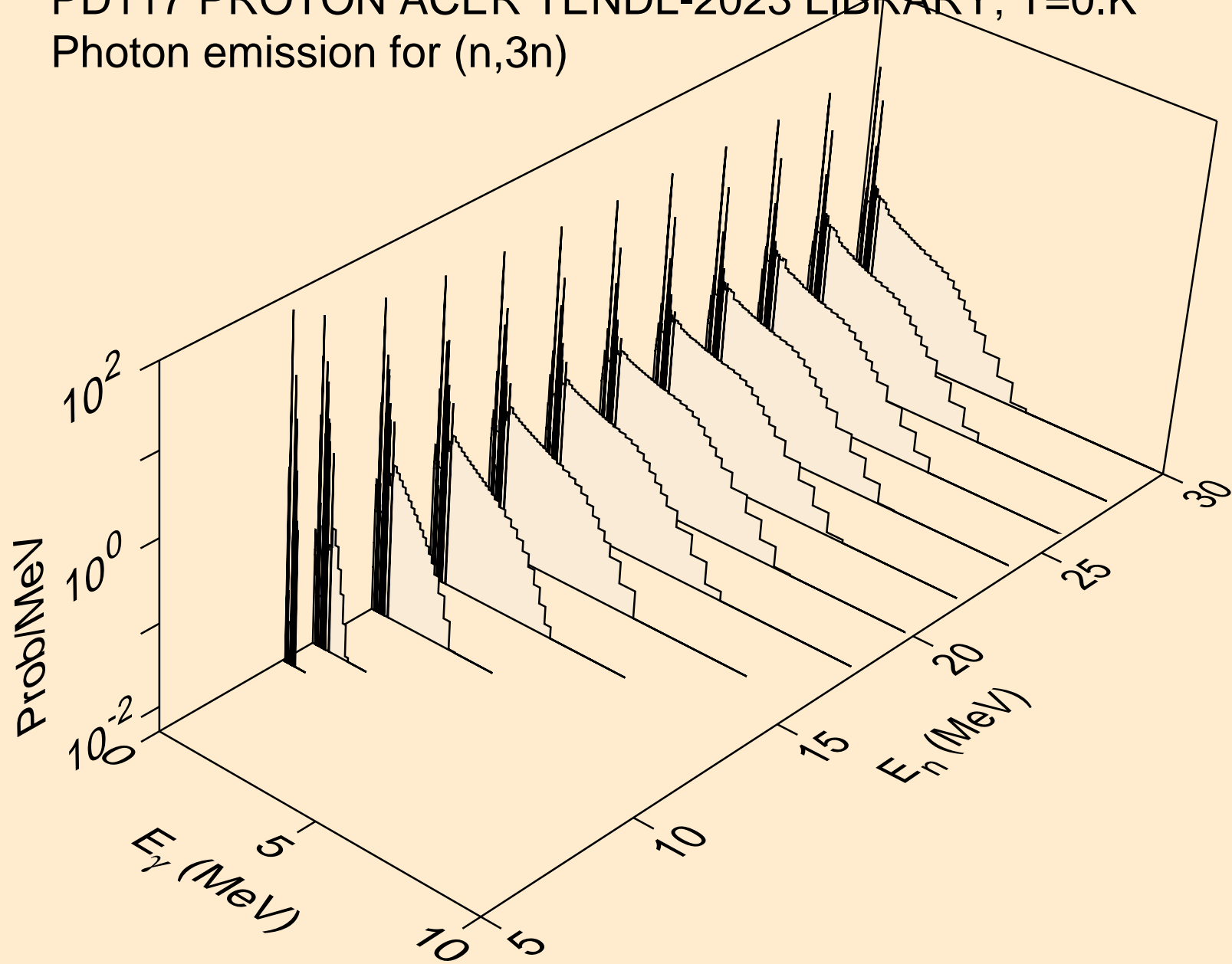
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



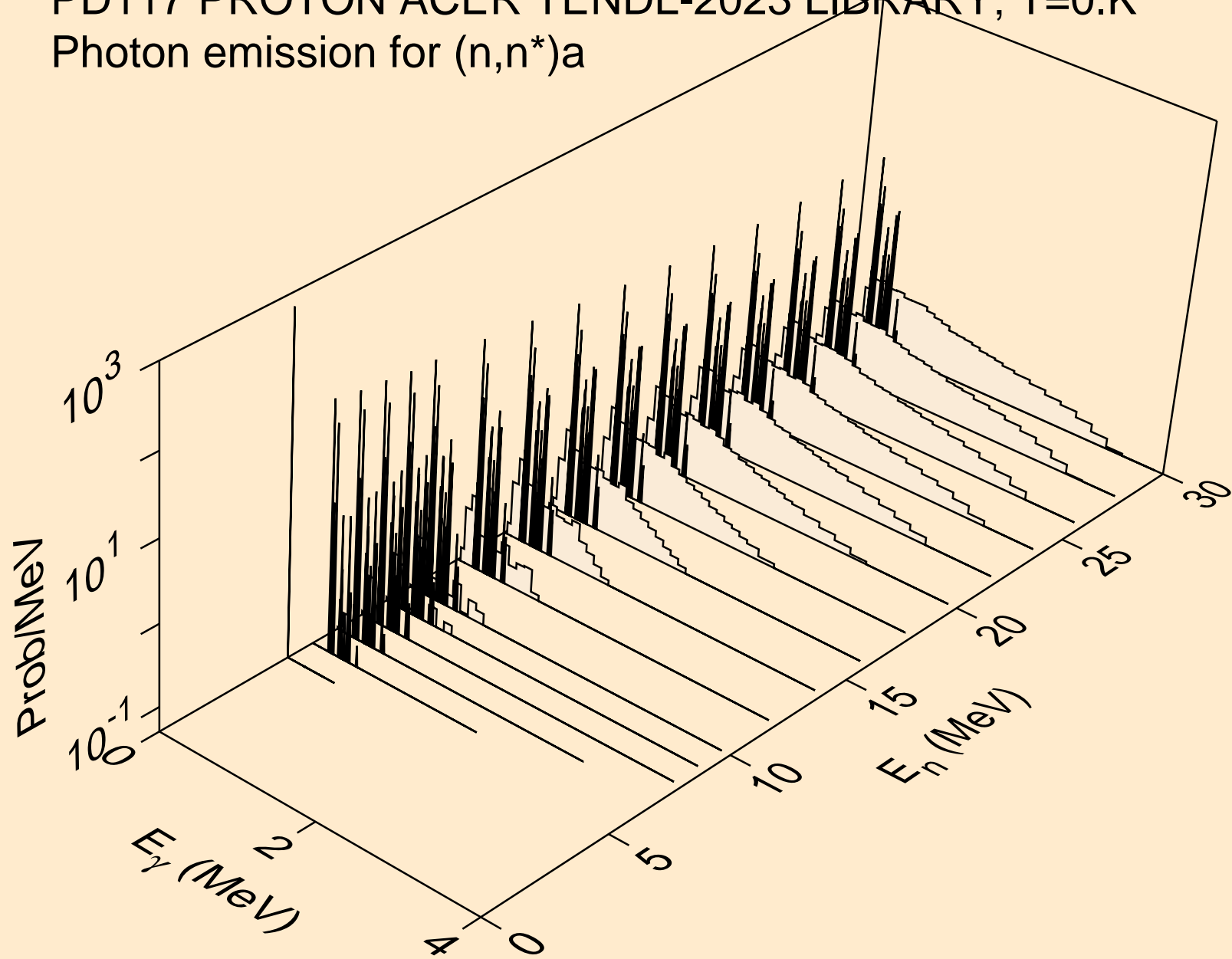
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

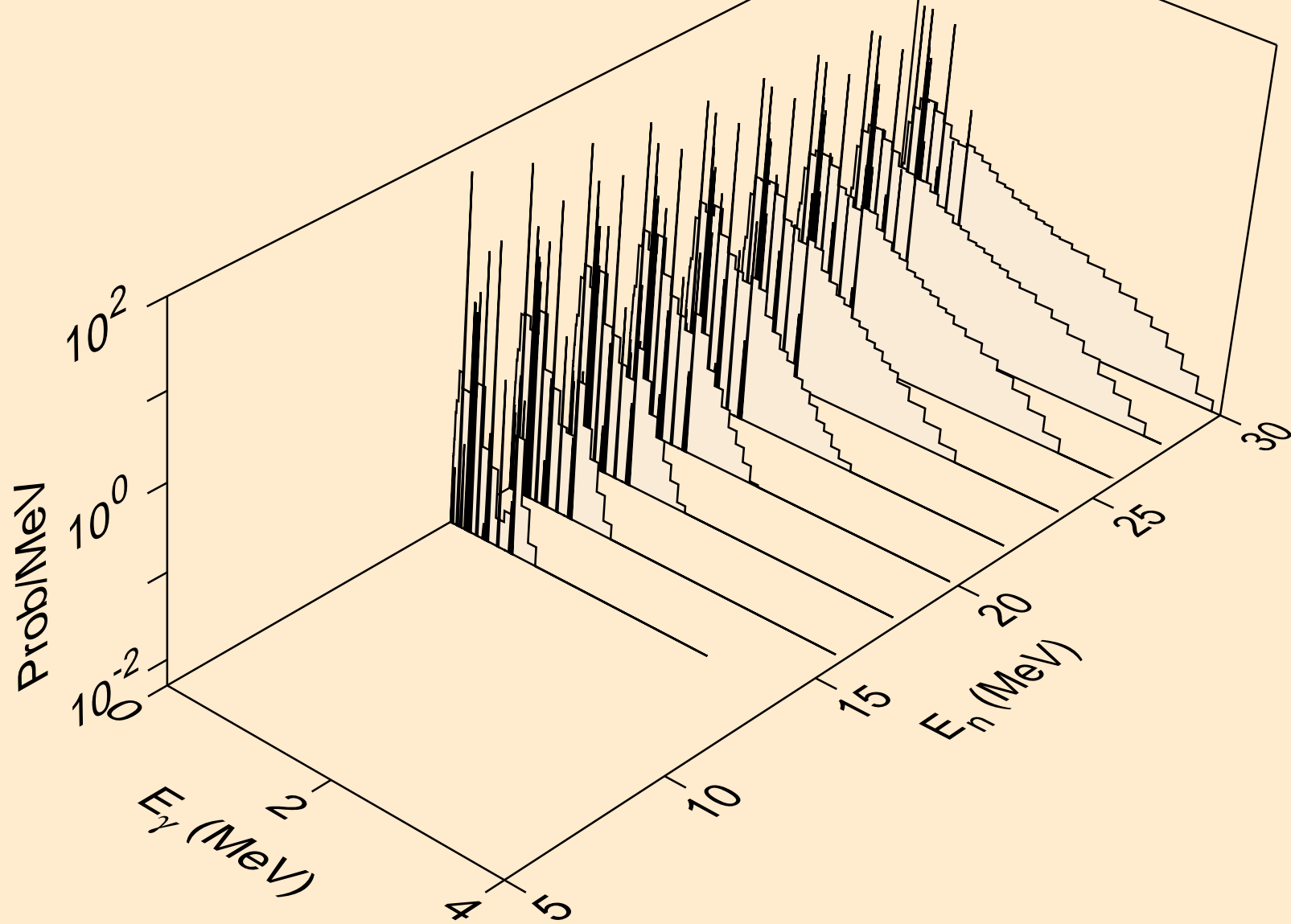


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

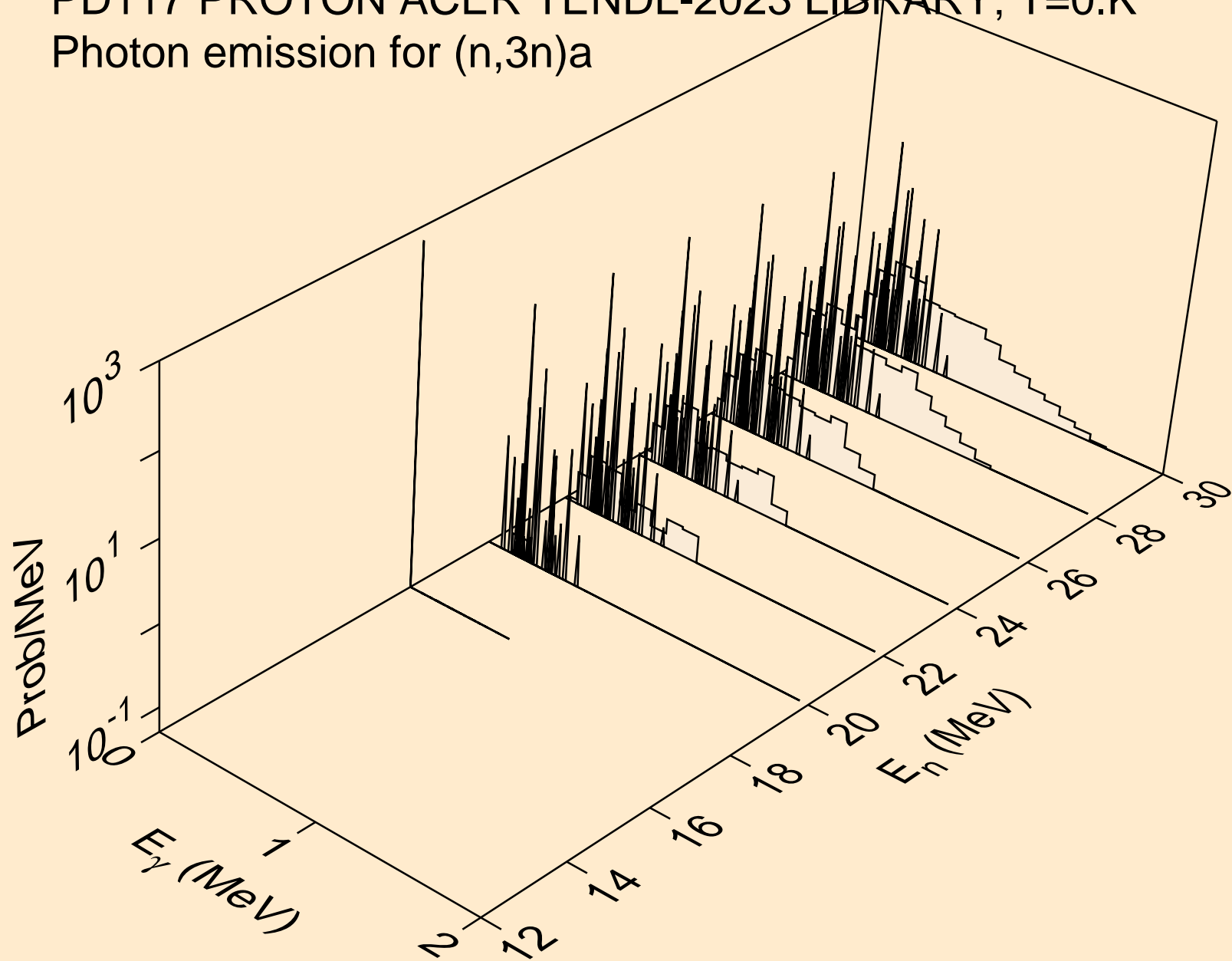




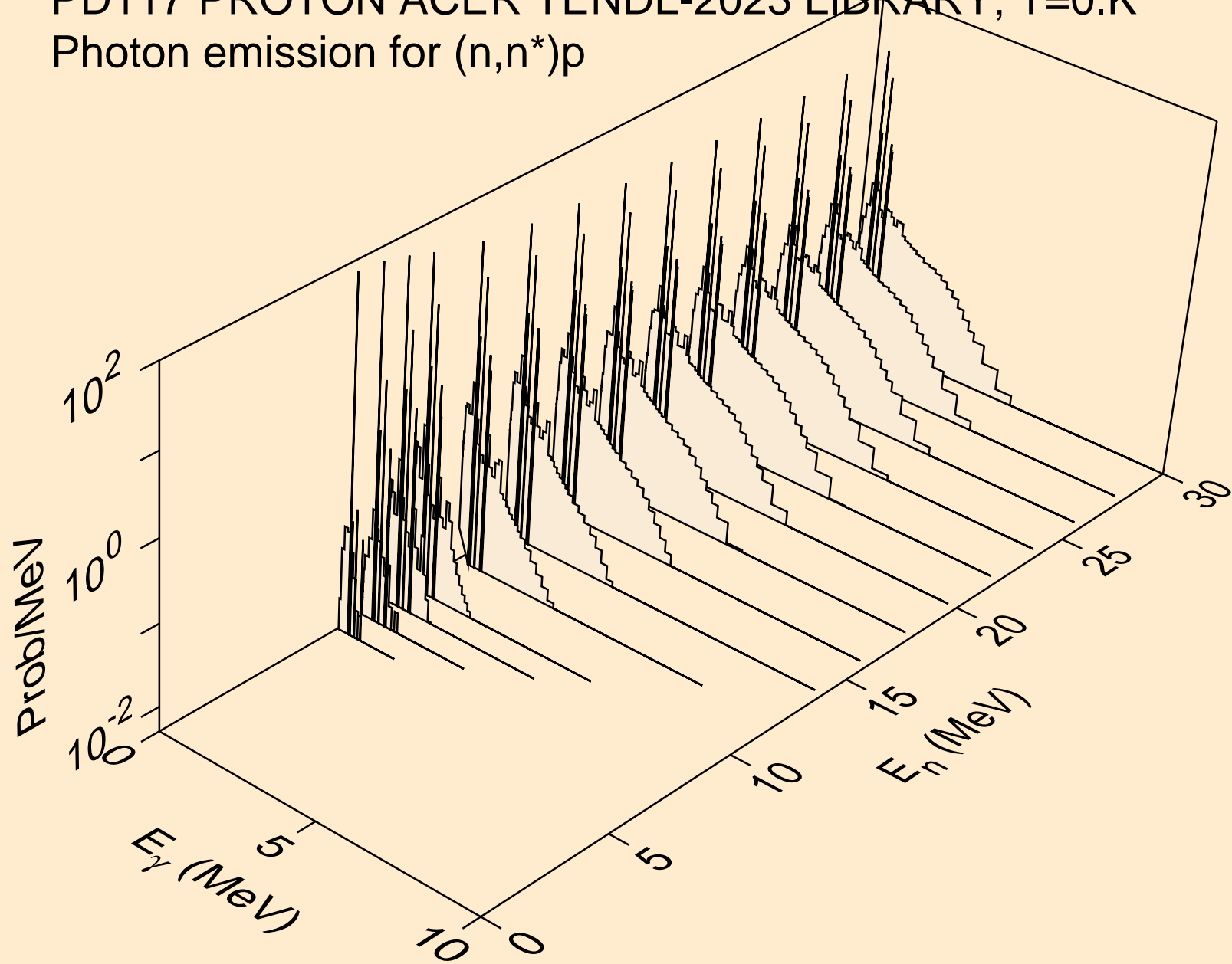
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Photon emission for (n,2n)a



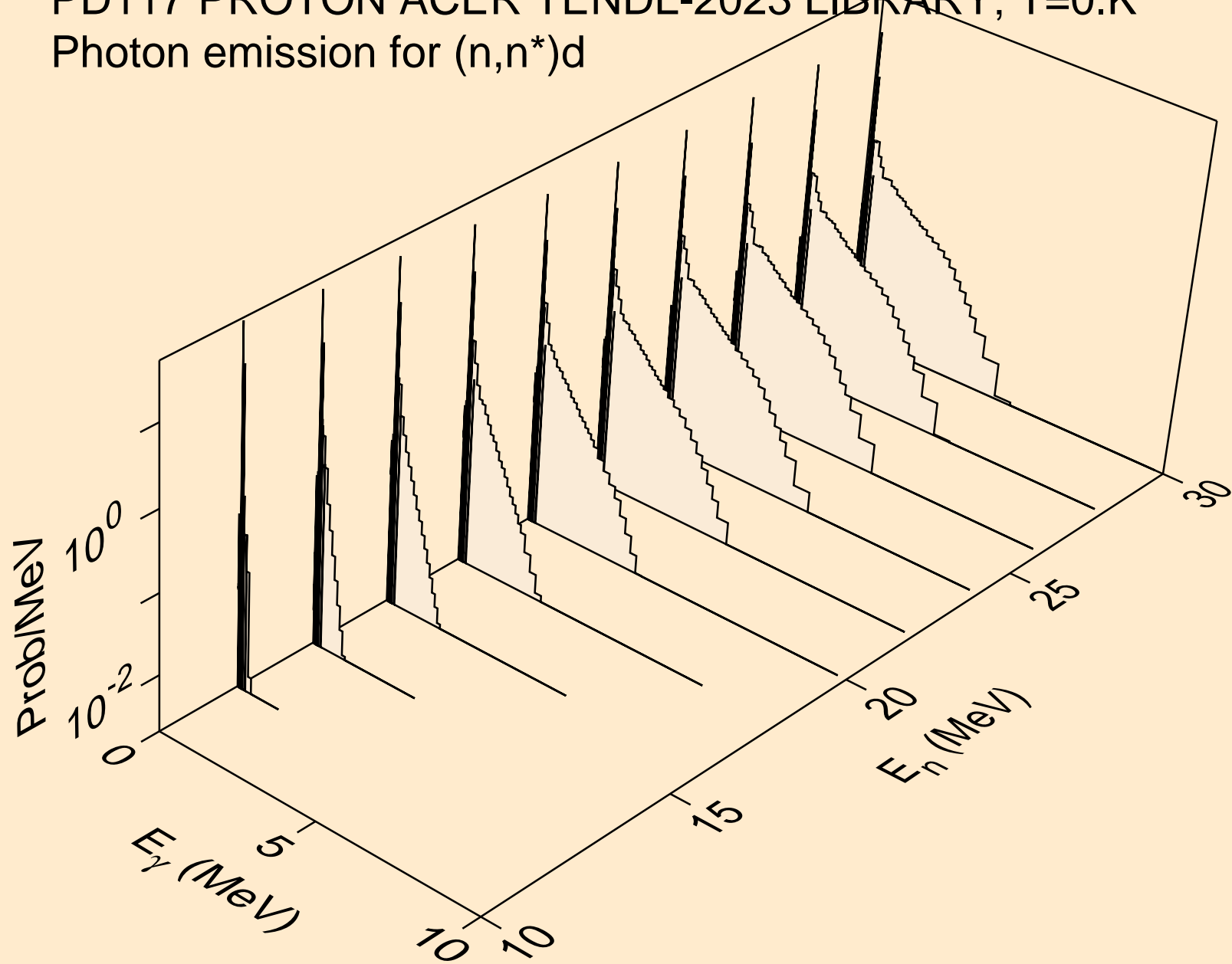
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Photon emission for (n,3n)a



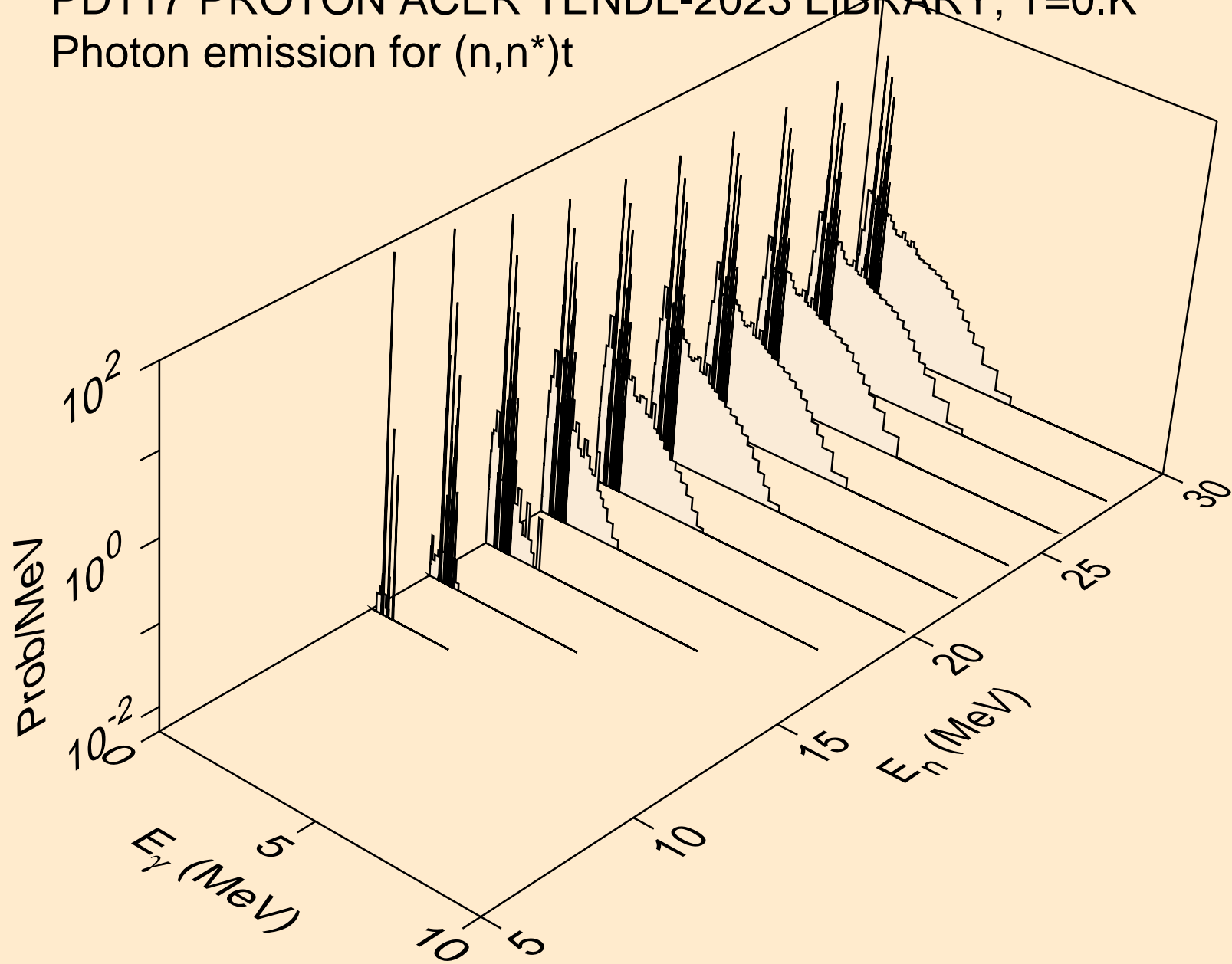
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



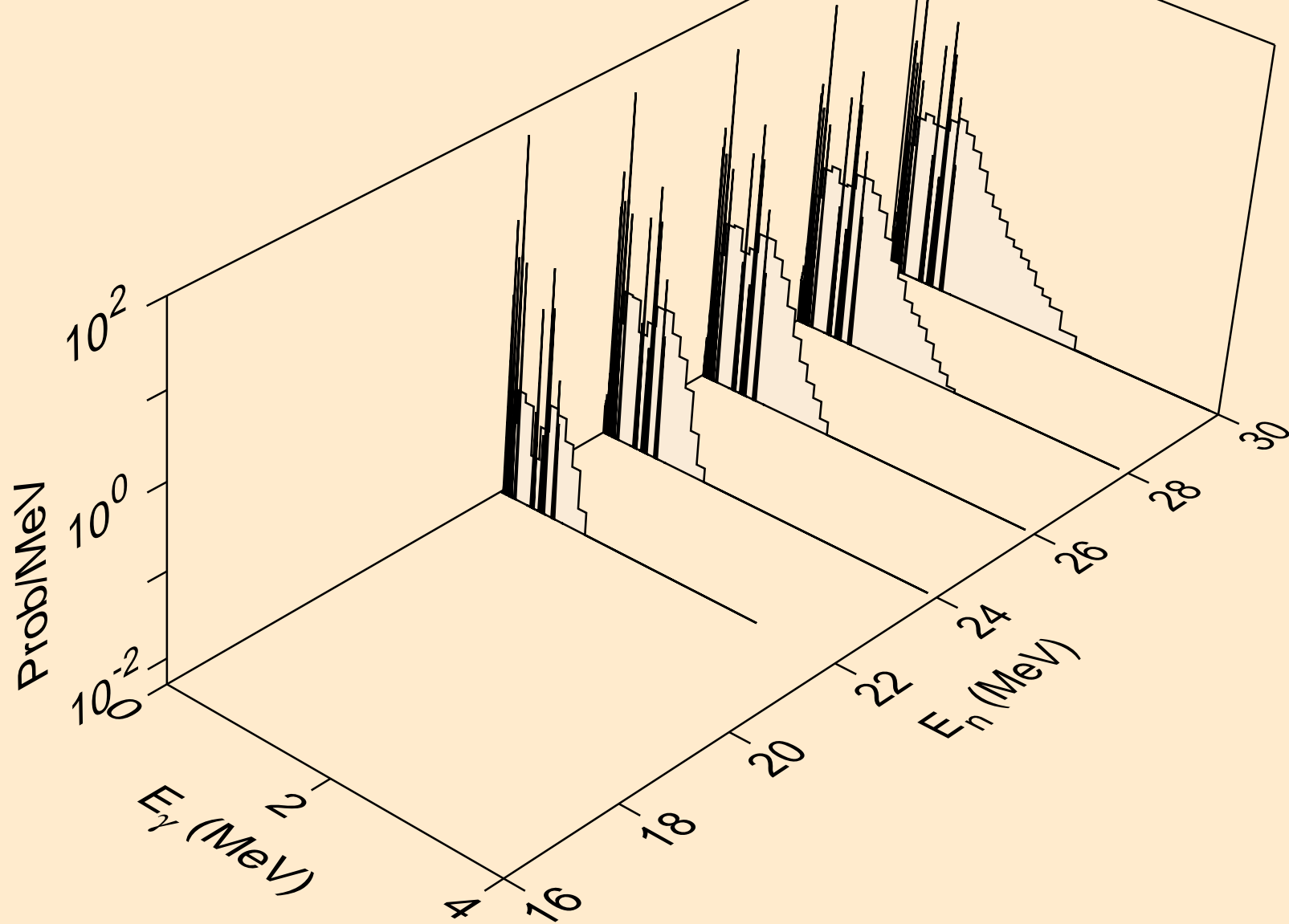
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



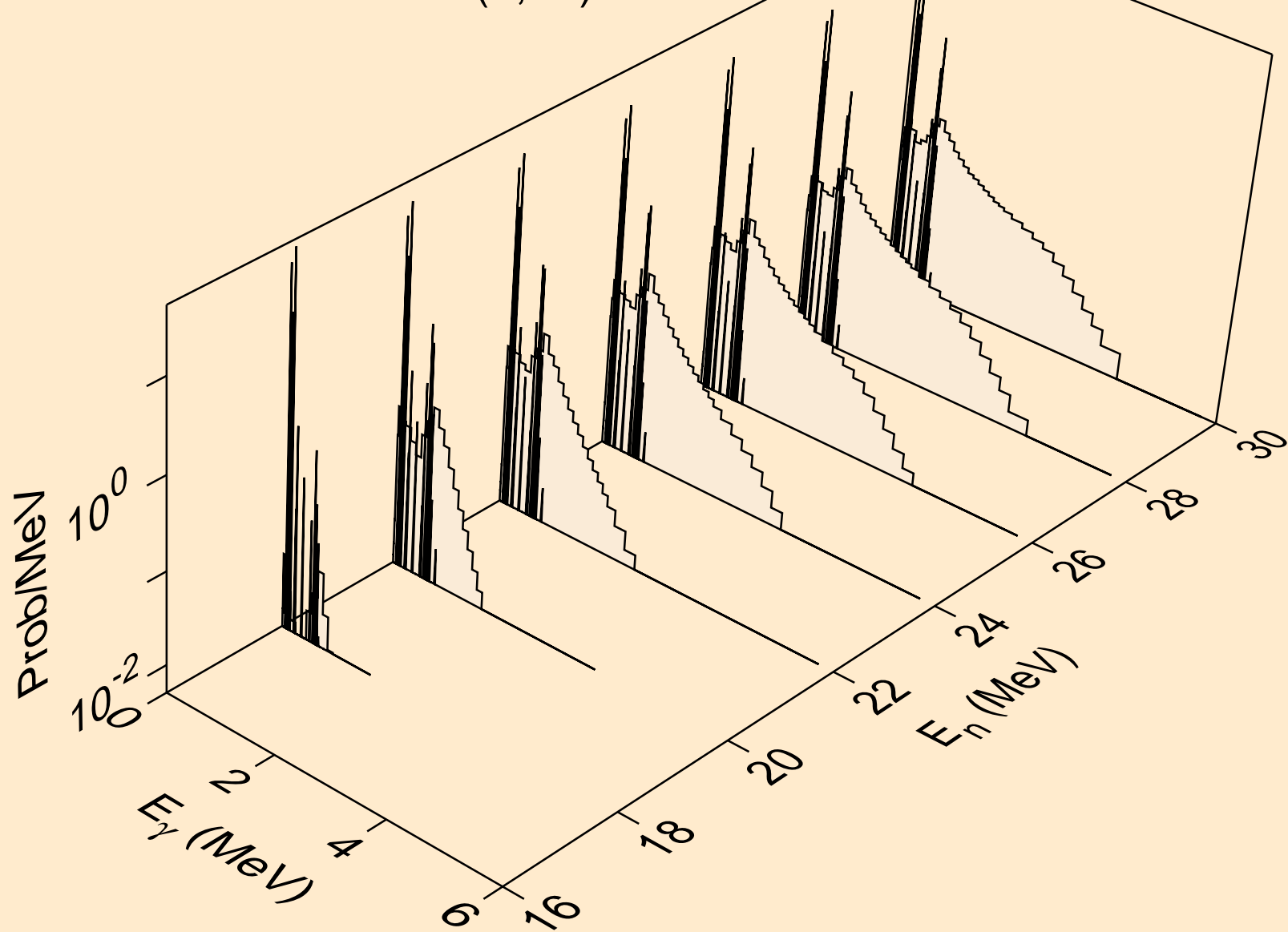
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



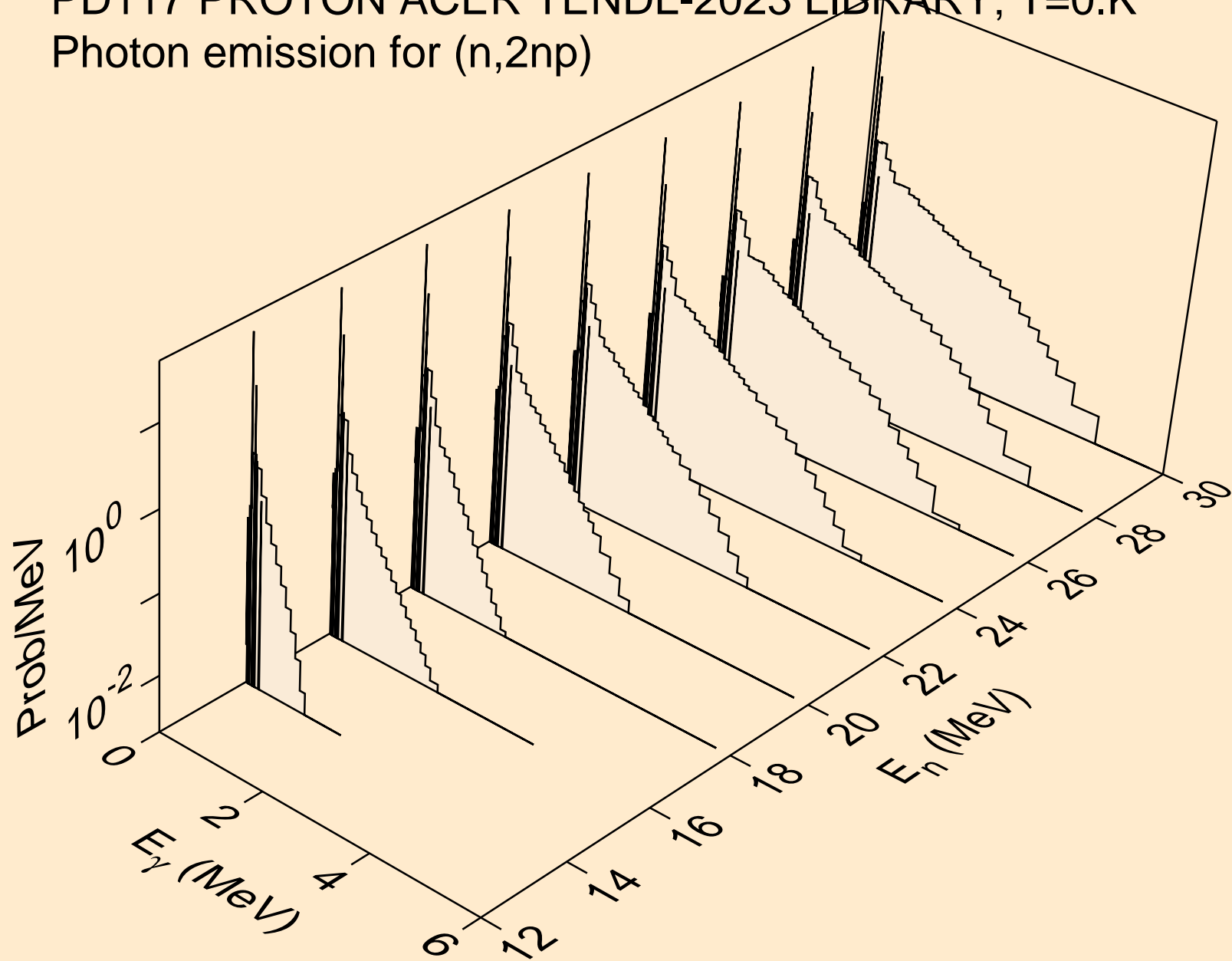
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

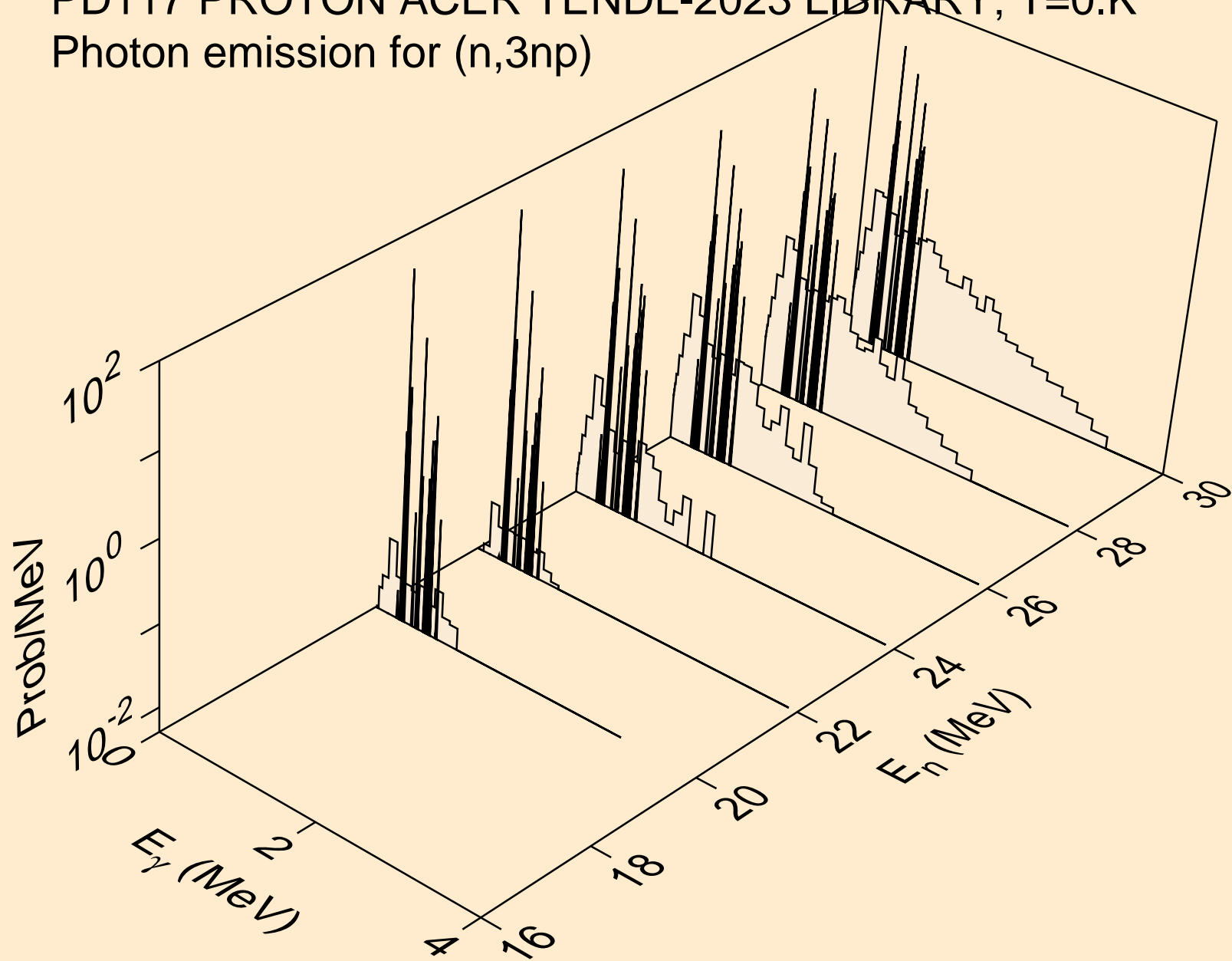


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Photon emission for (n,2np)

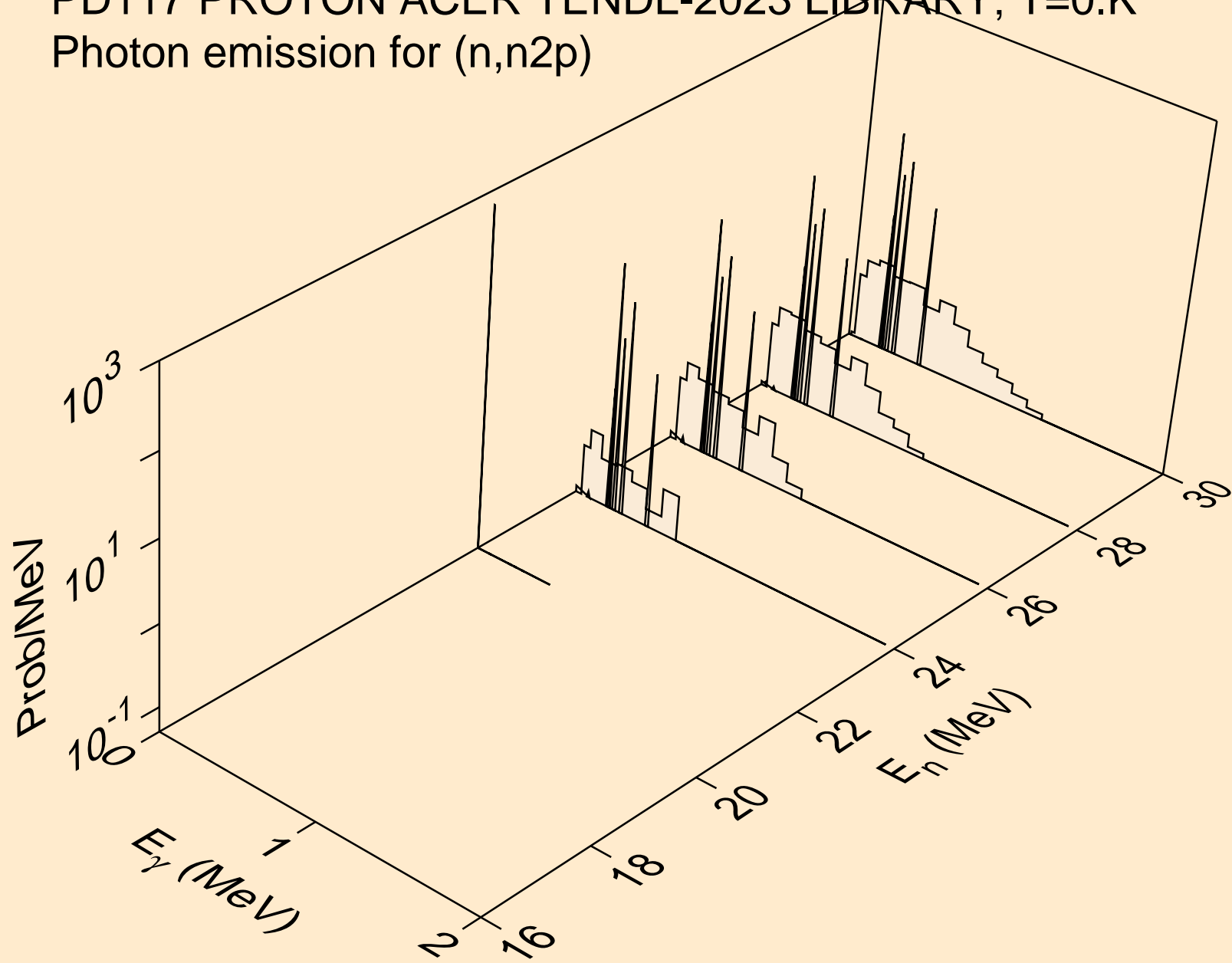




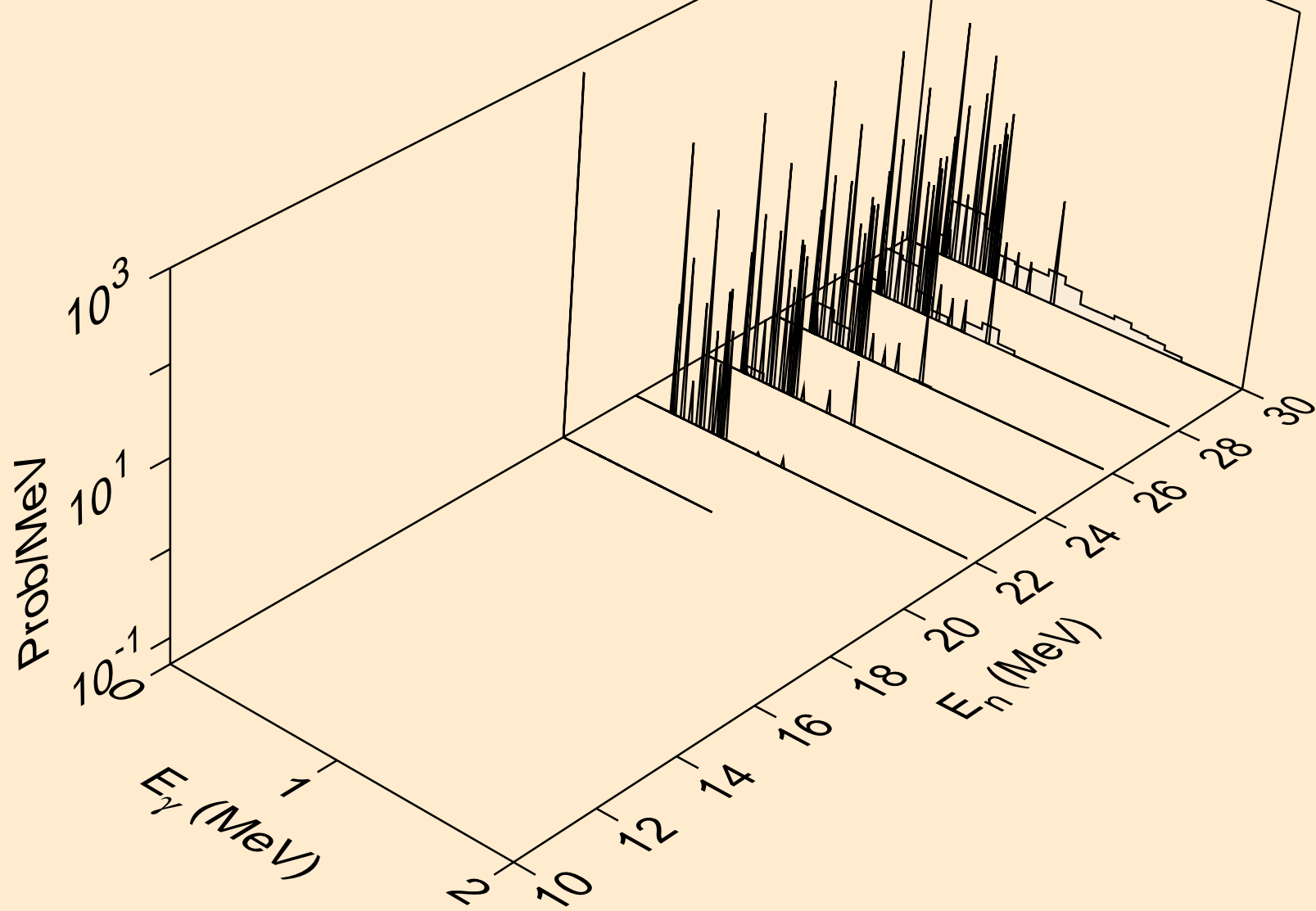
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Photon emission for (n,3np)



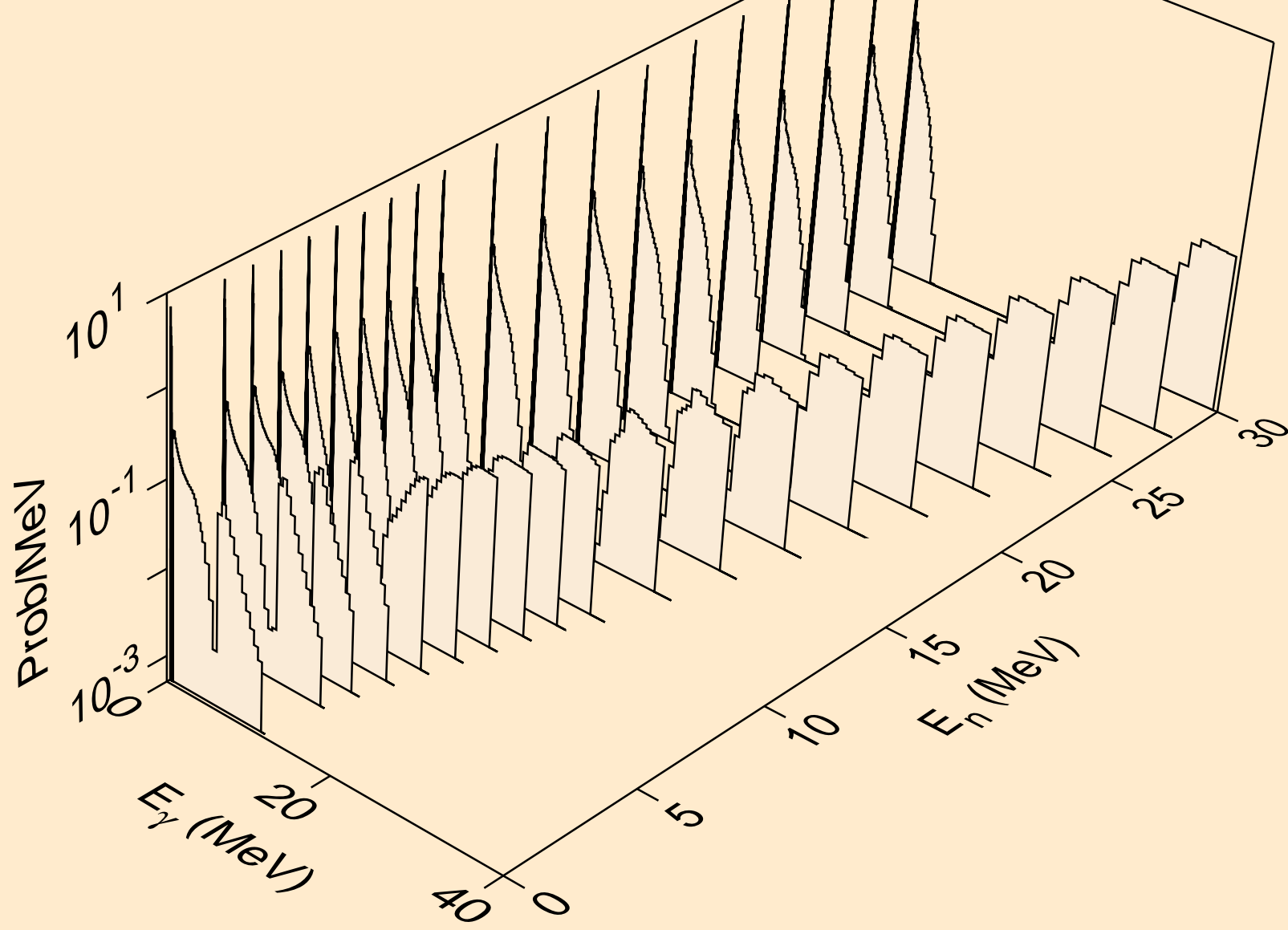
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Photon emission for (n,n2p)



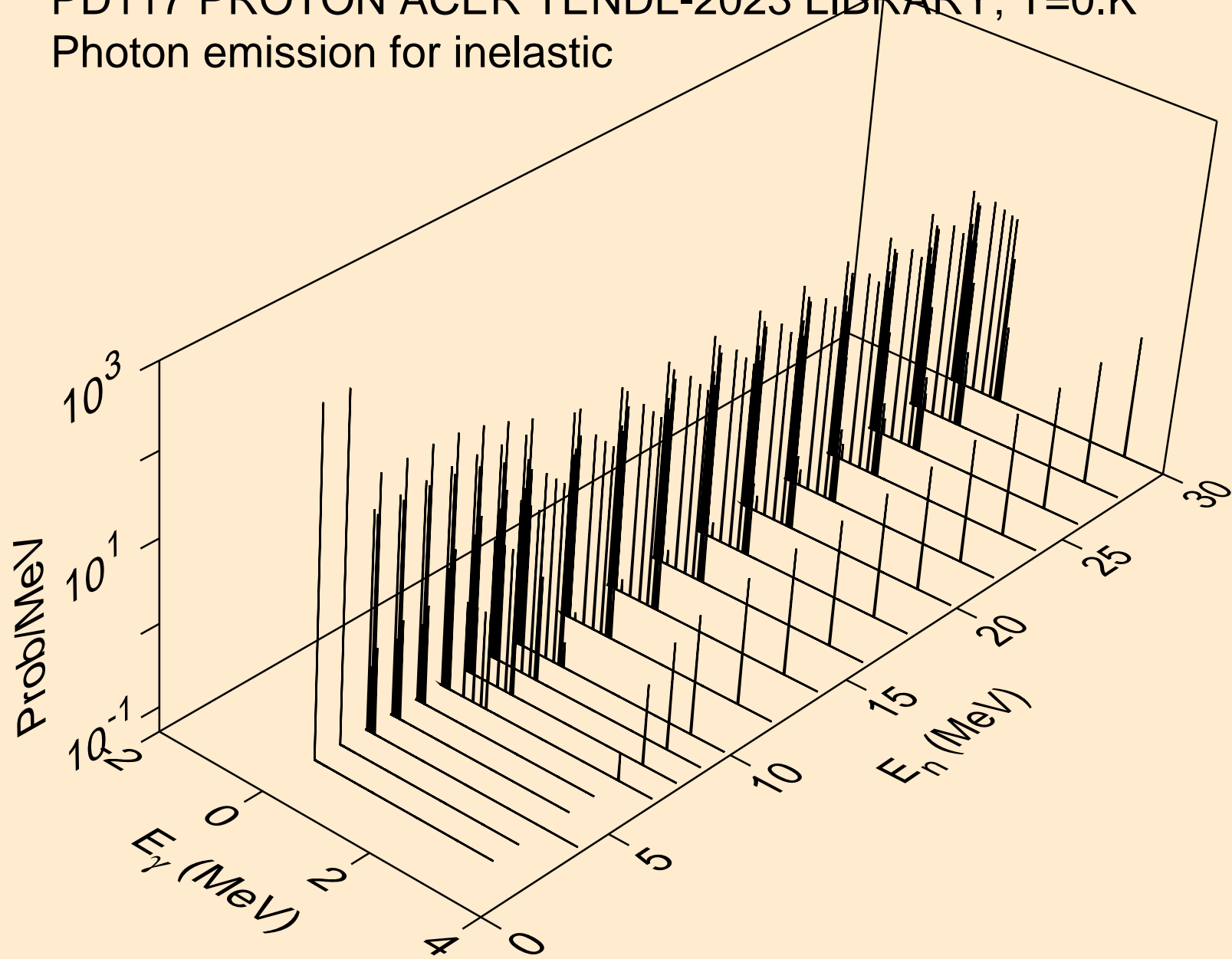
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Photon emission for (n,npa)



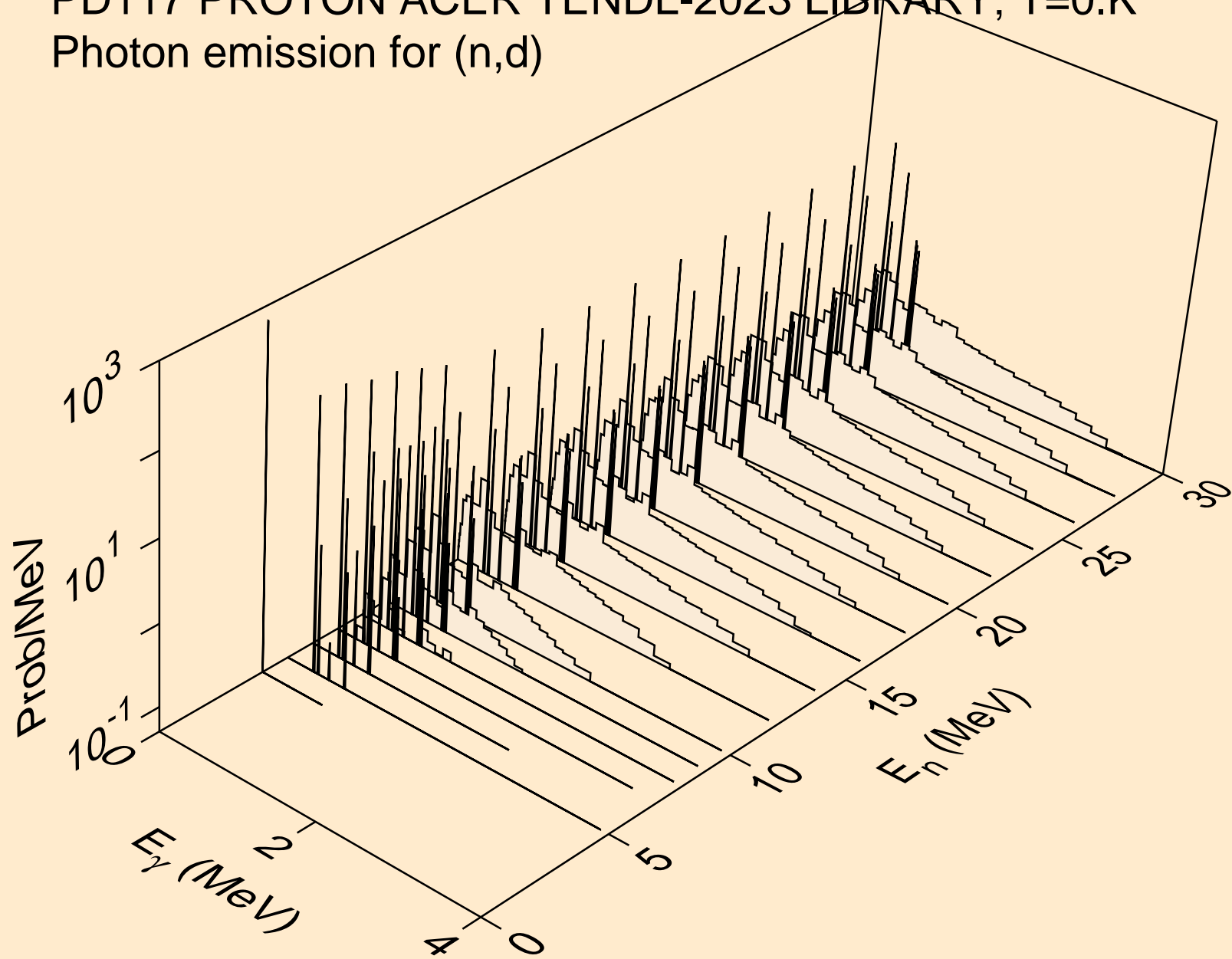
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Photon emission for (n,gma)



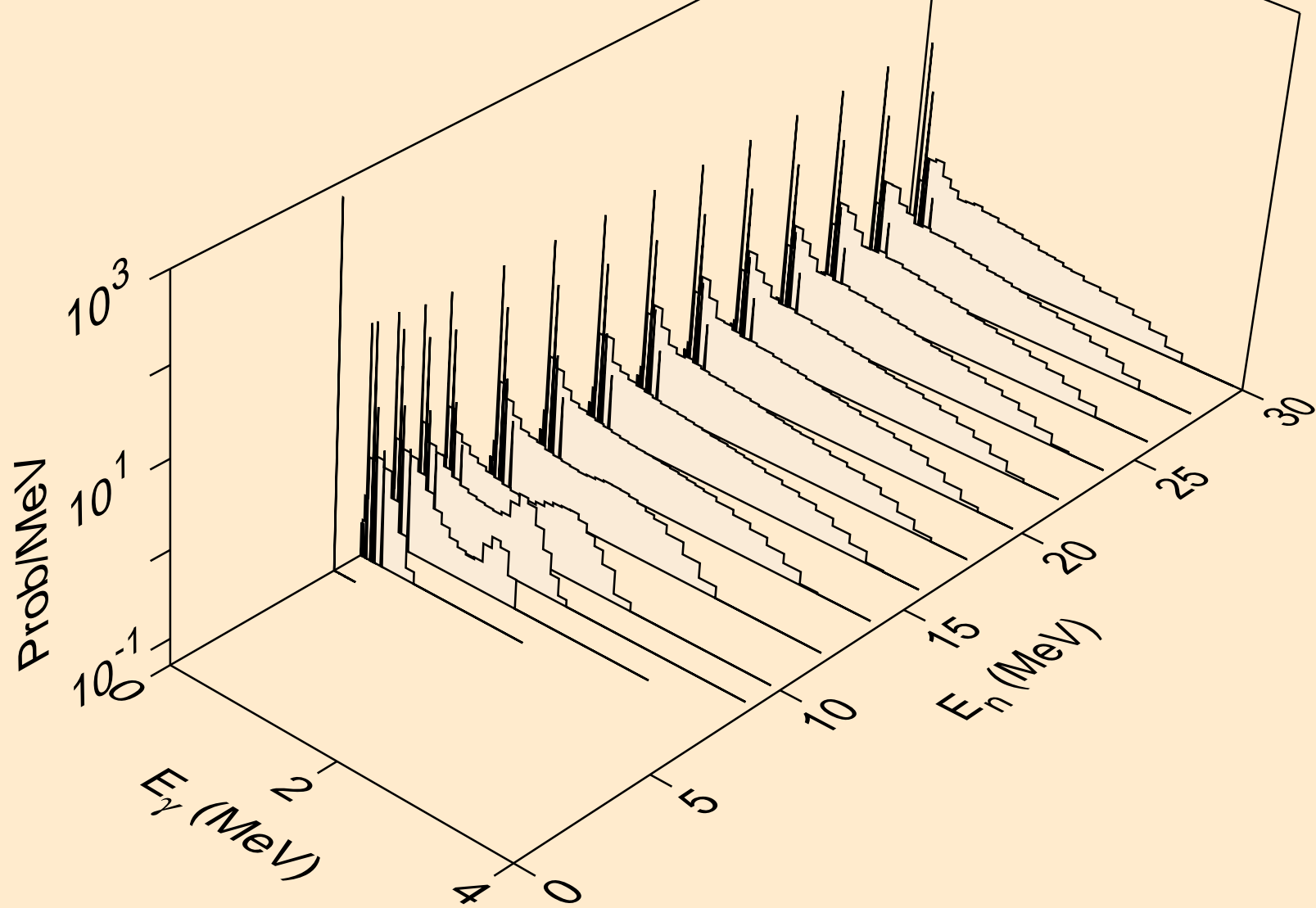
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



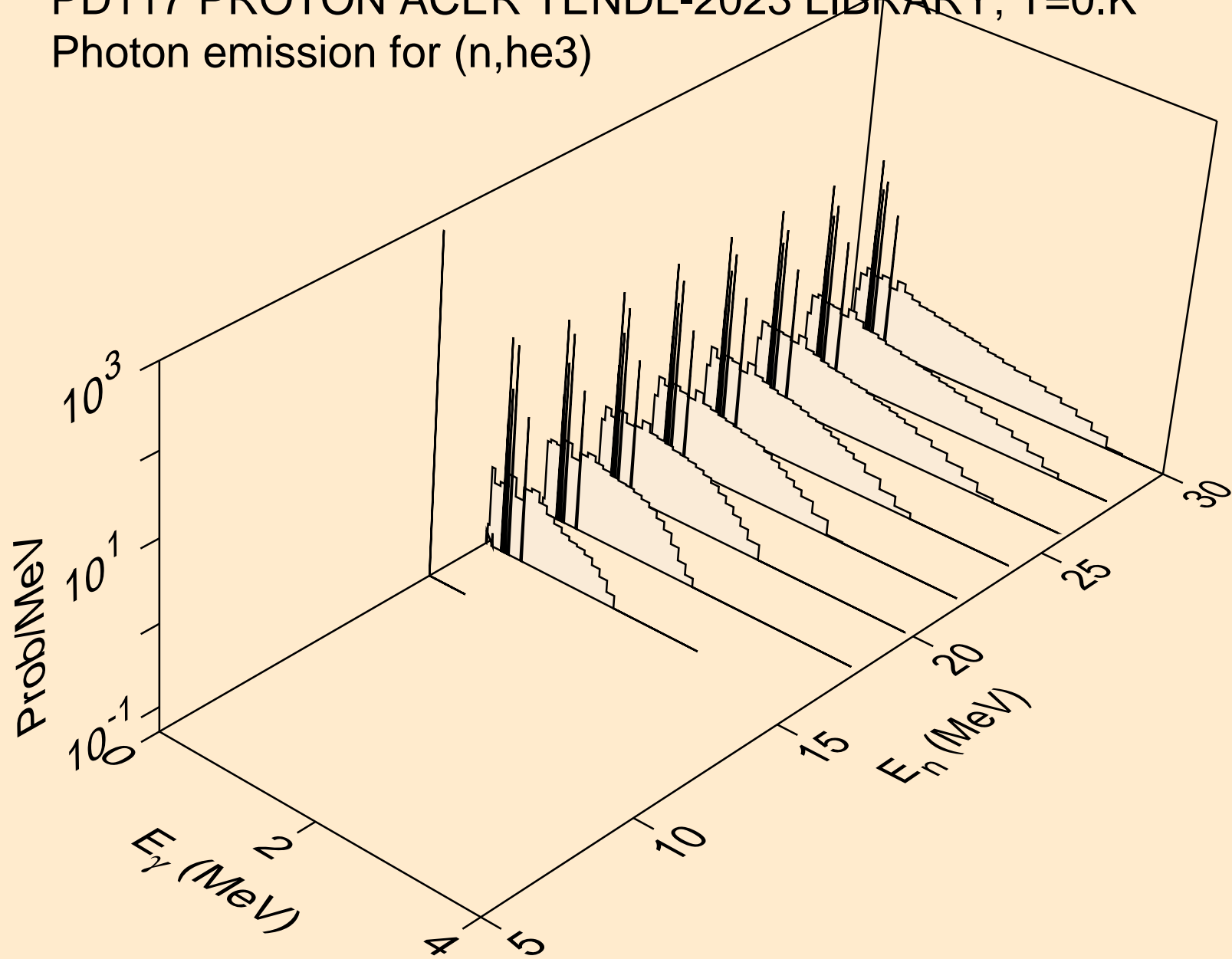
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

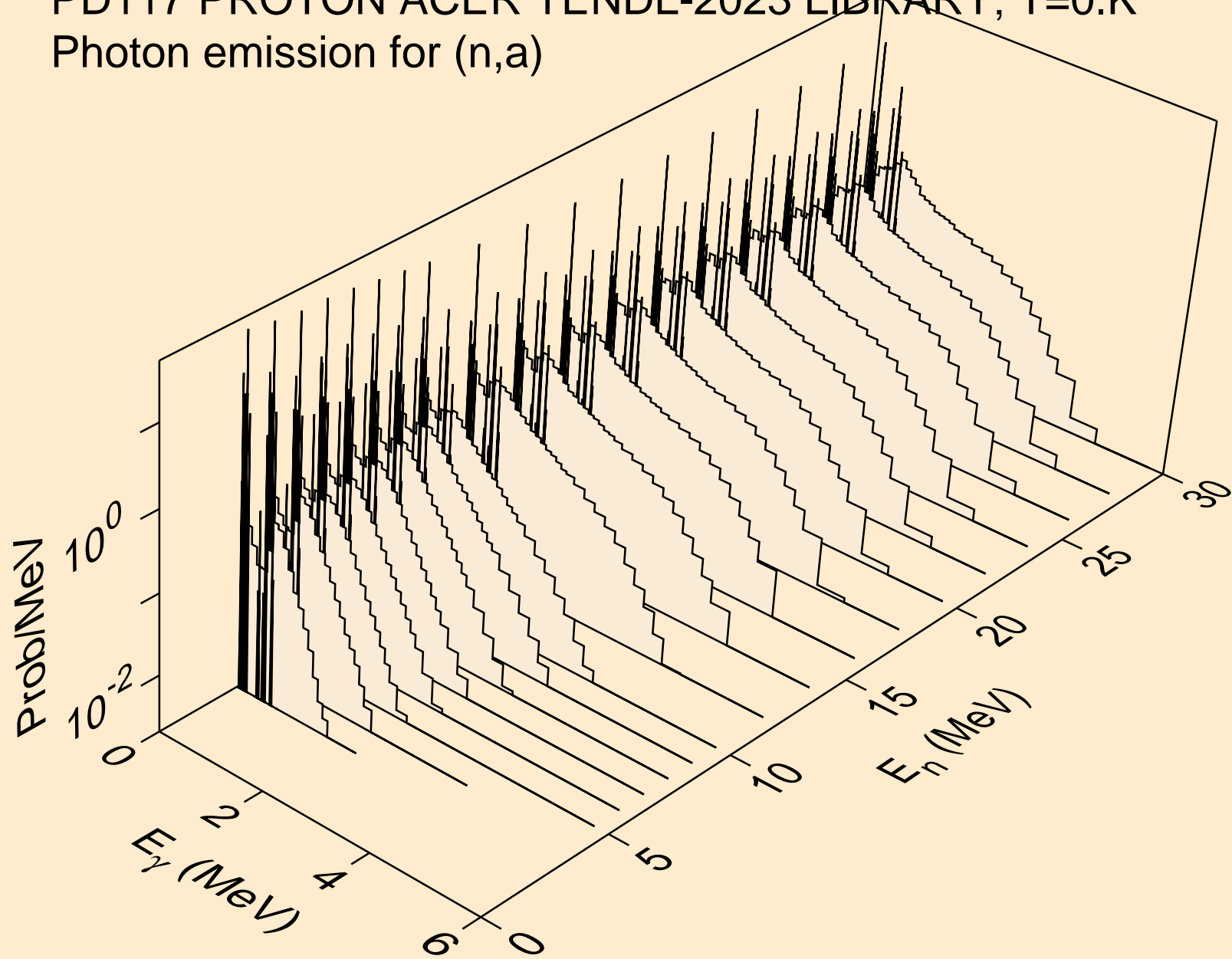


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Photon emission for (n,he3)

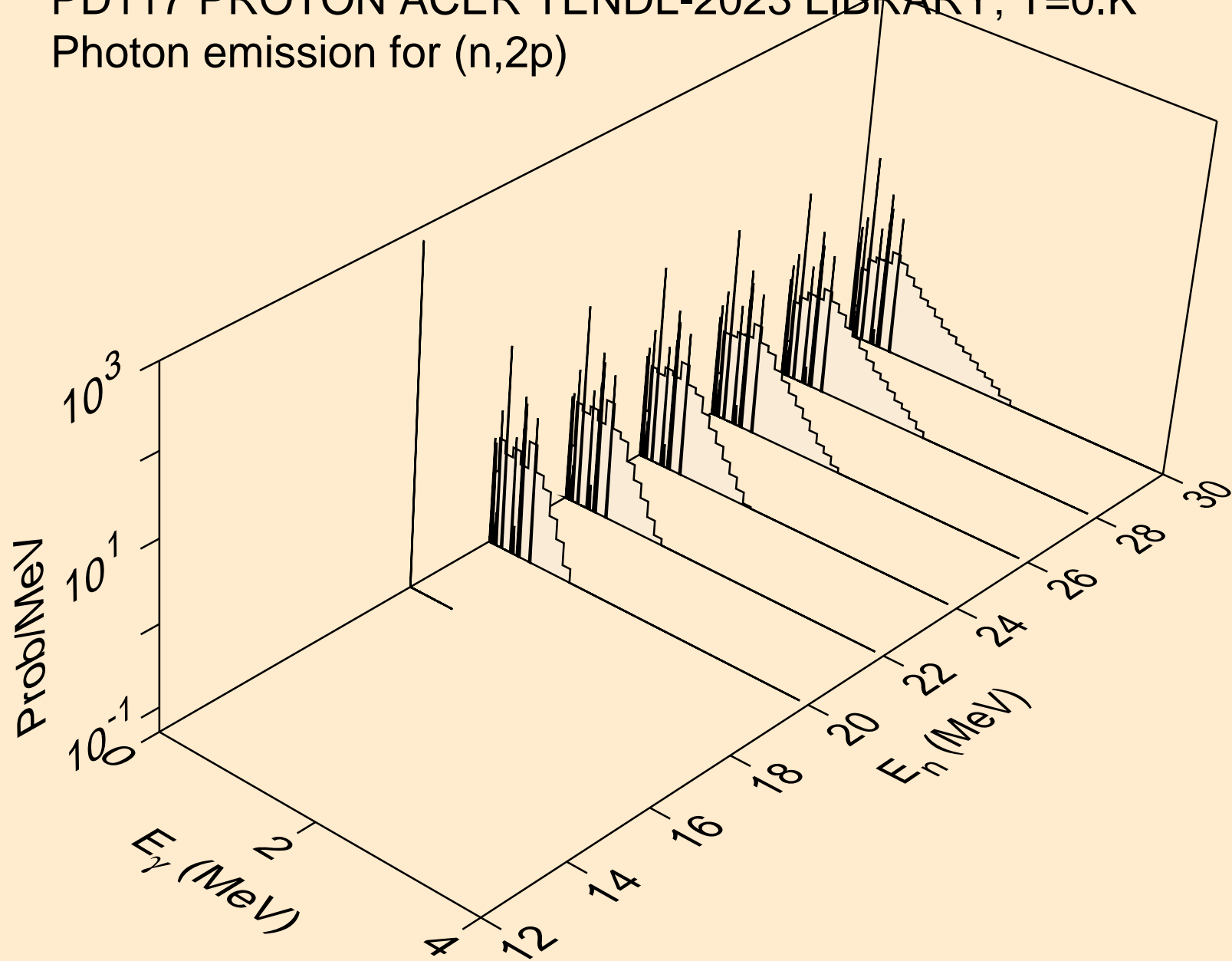




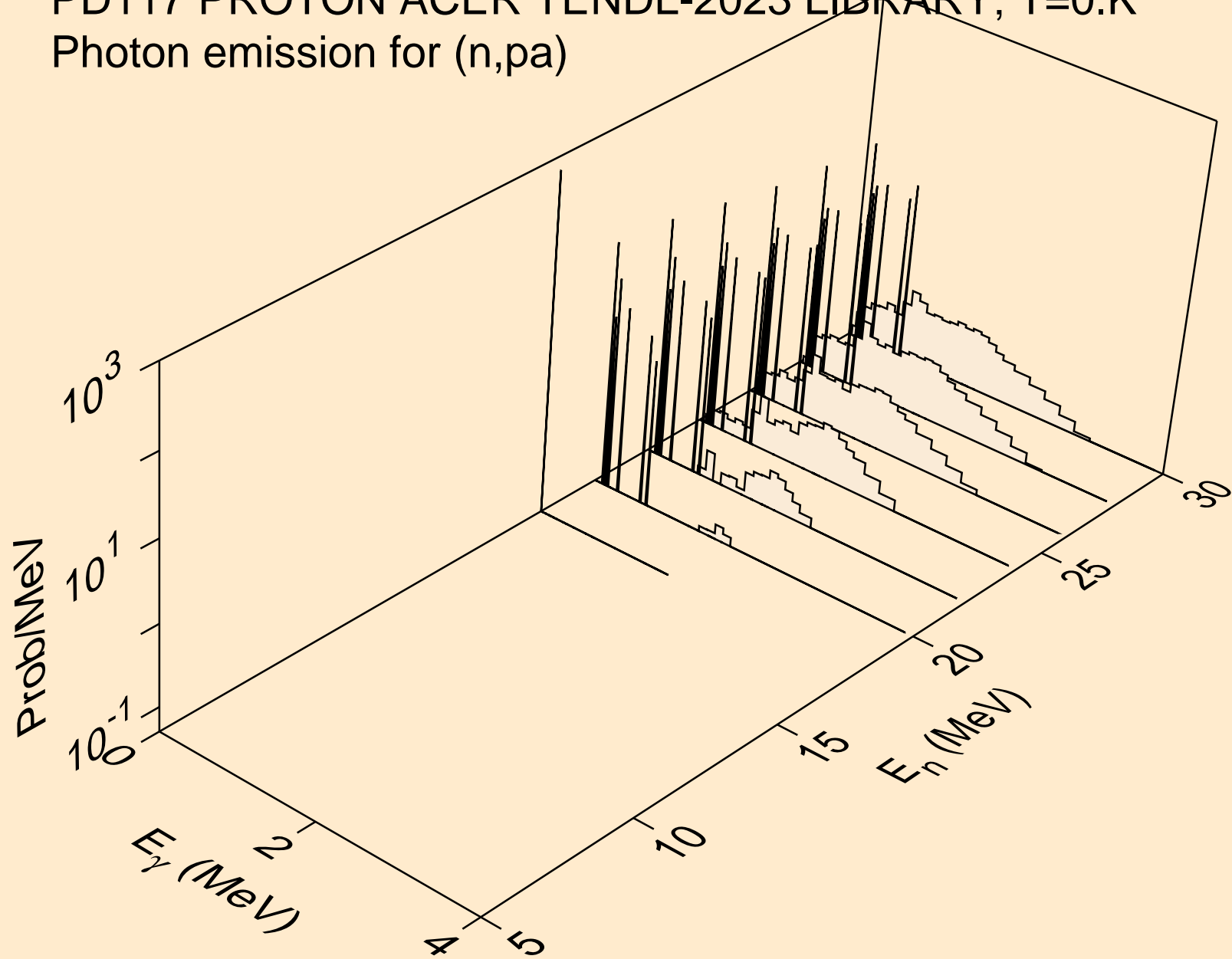
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Photon emission for (n,a)



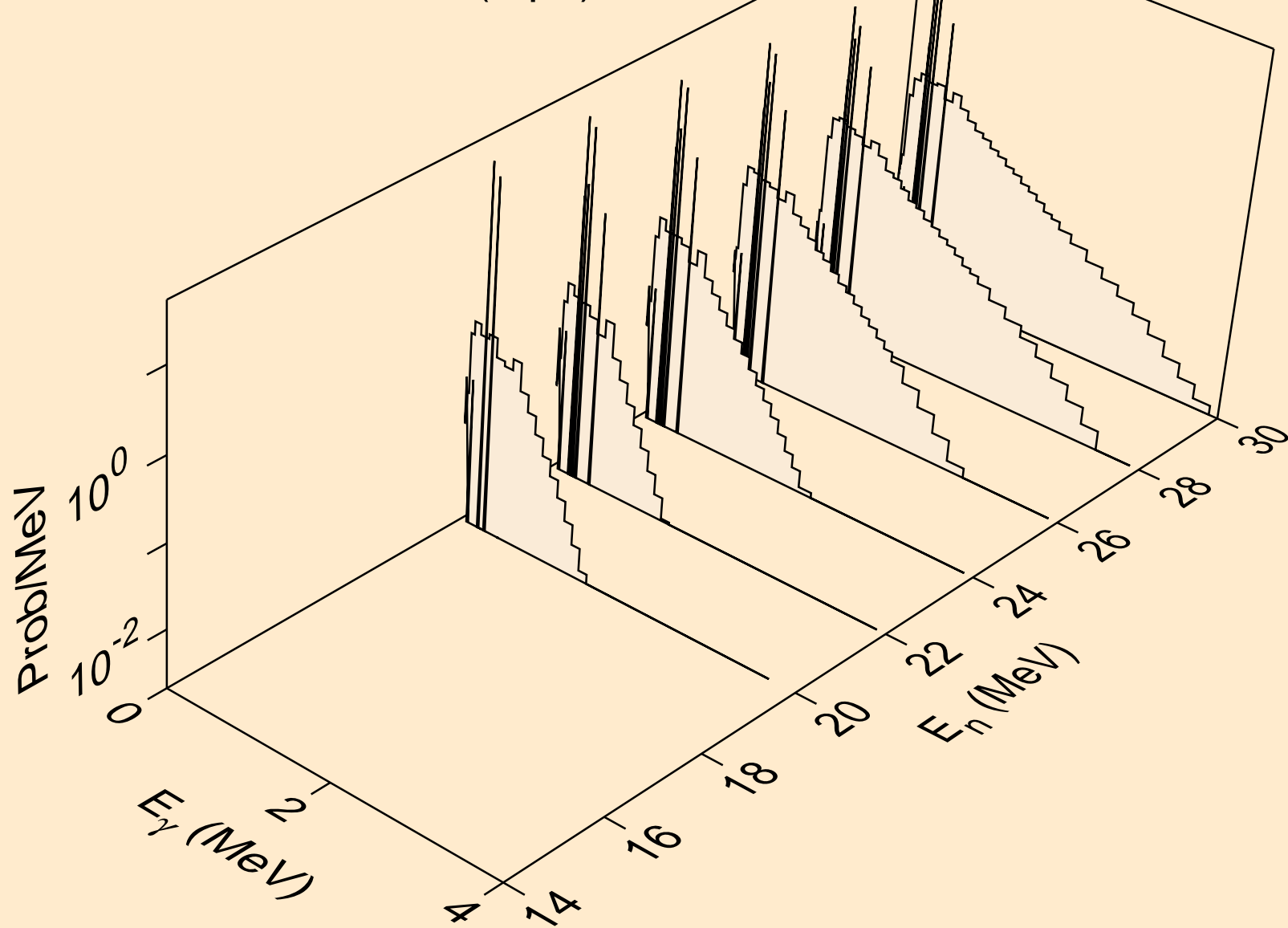
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Photon emission for (n,2p)



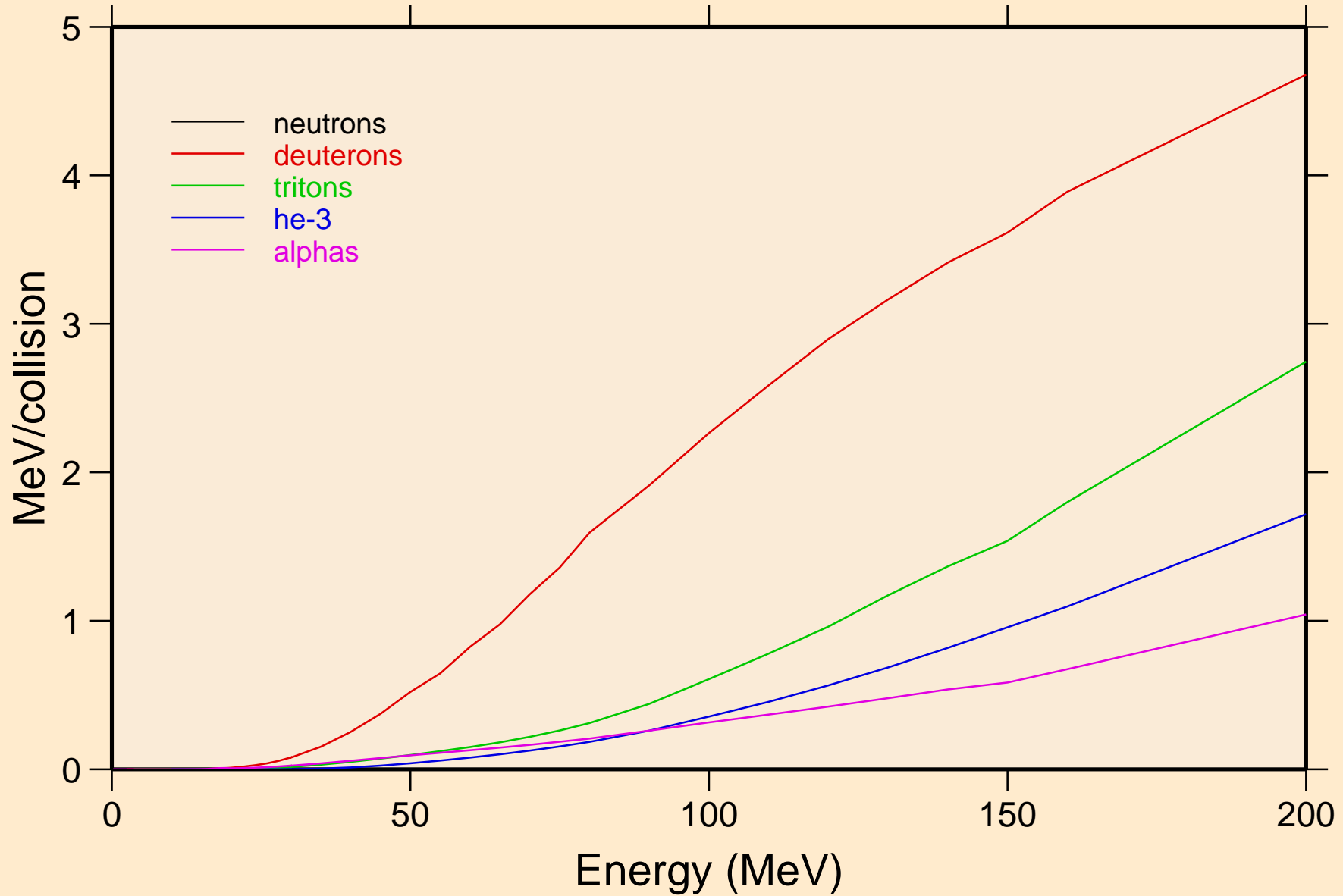
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Photon emission for (n,pa)



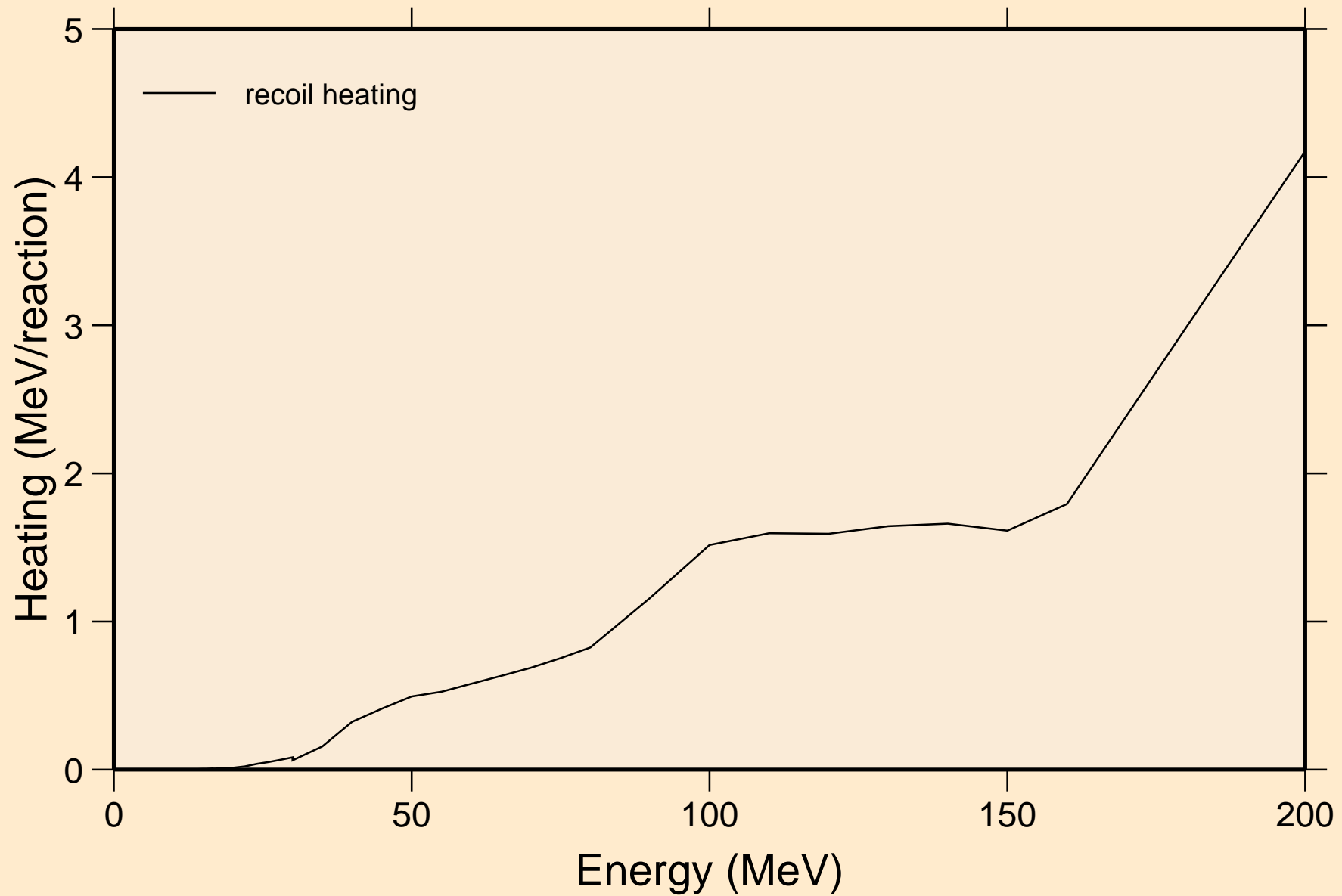
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

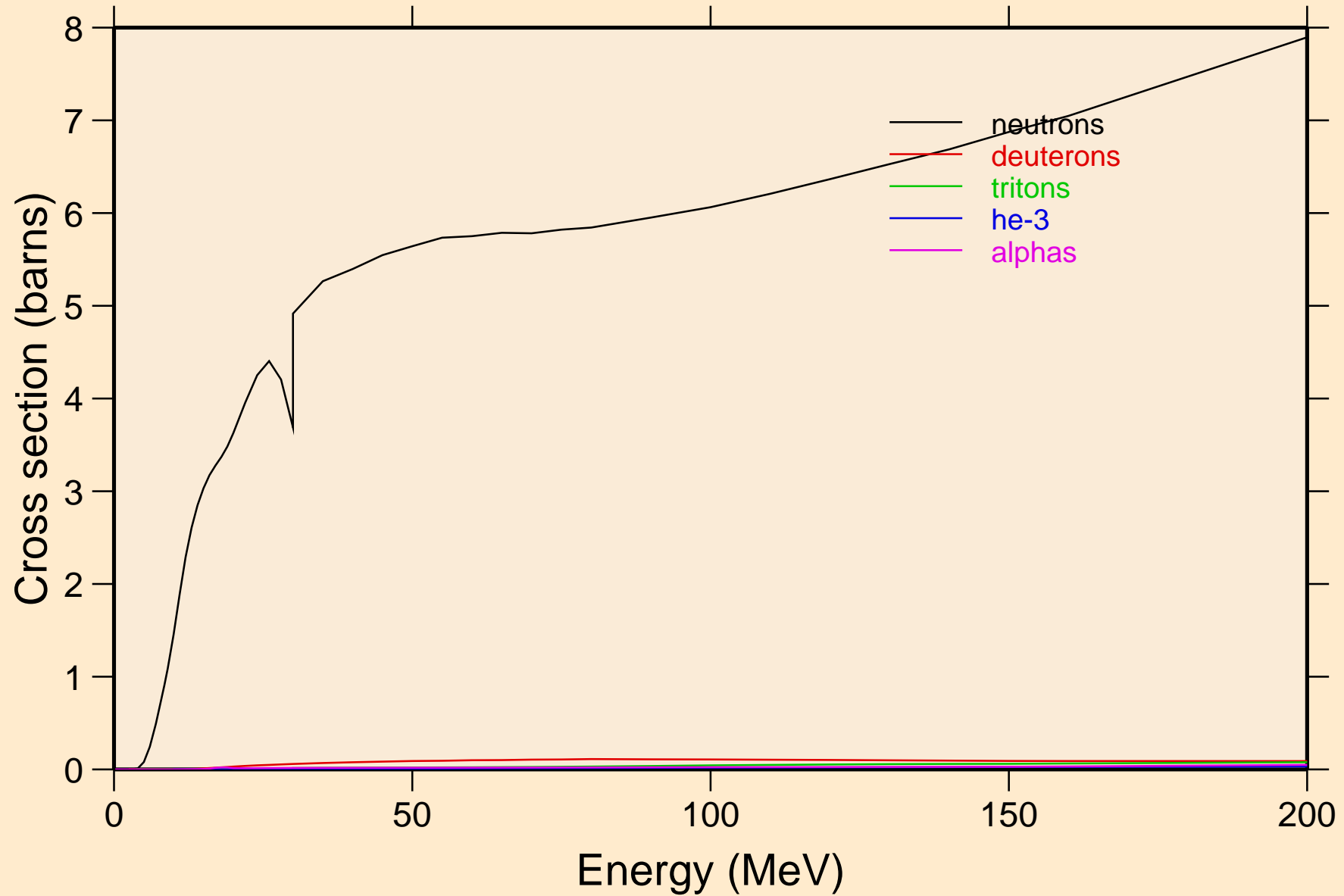


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

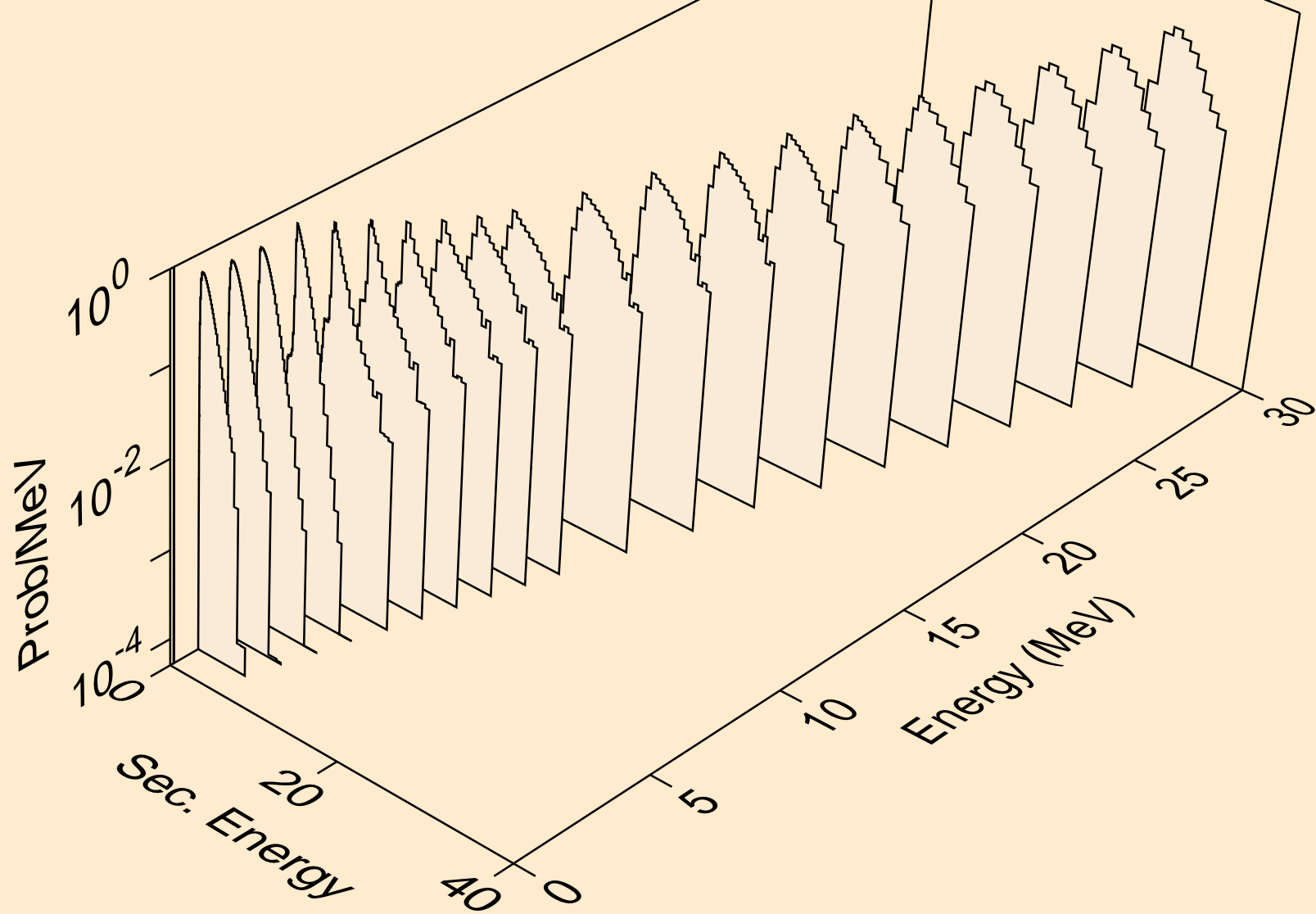


# PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

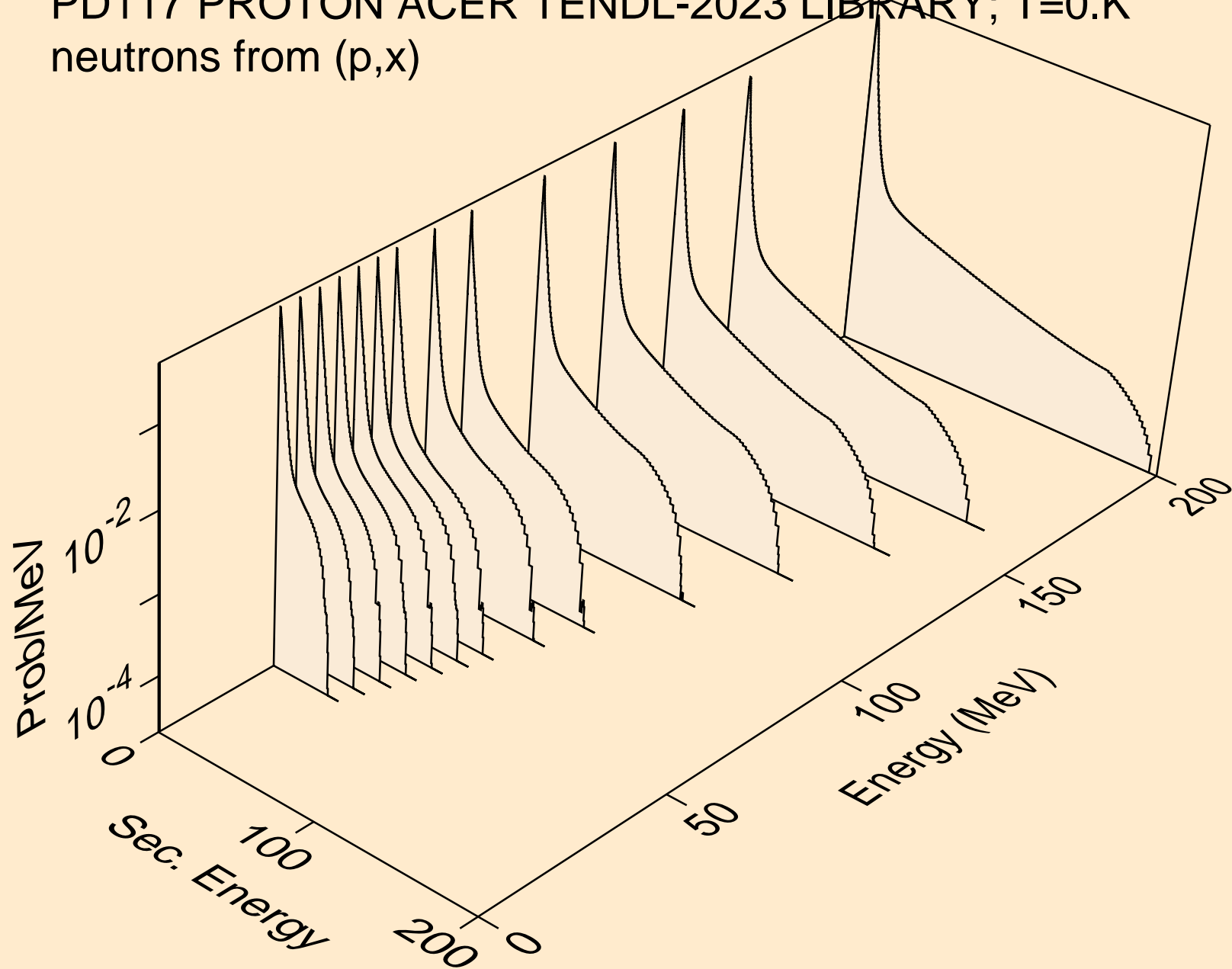


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

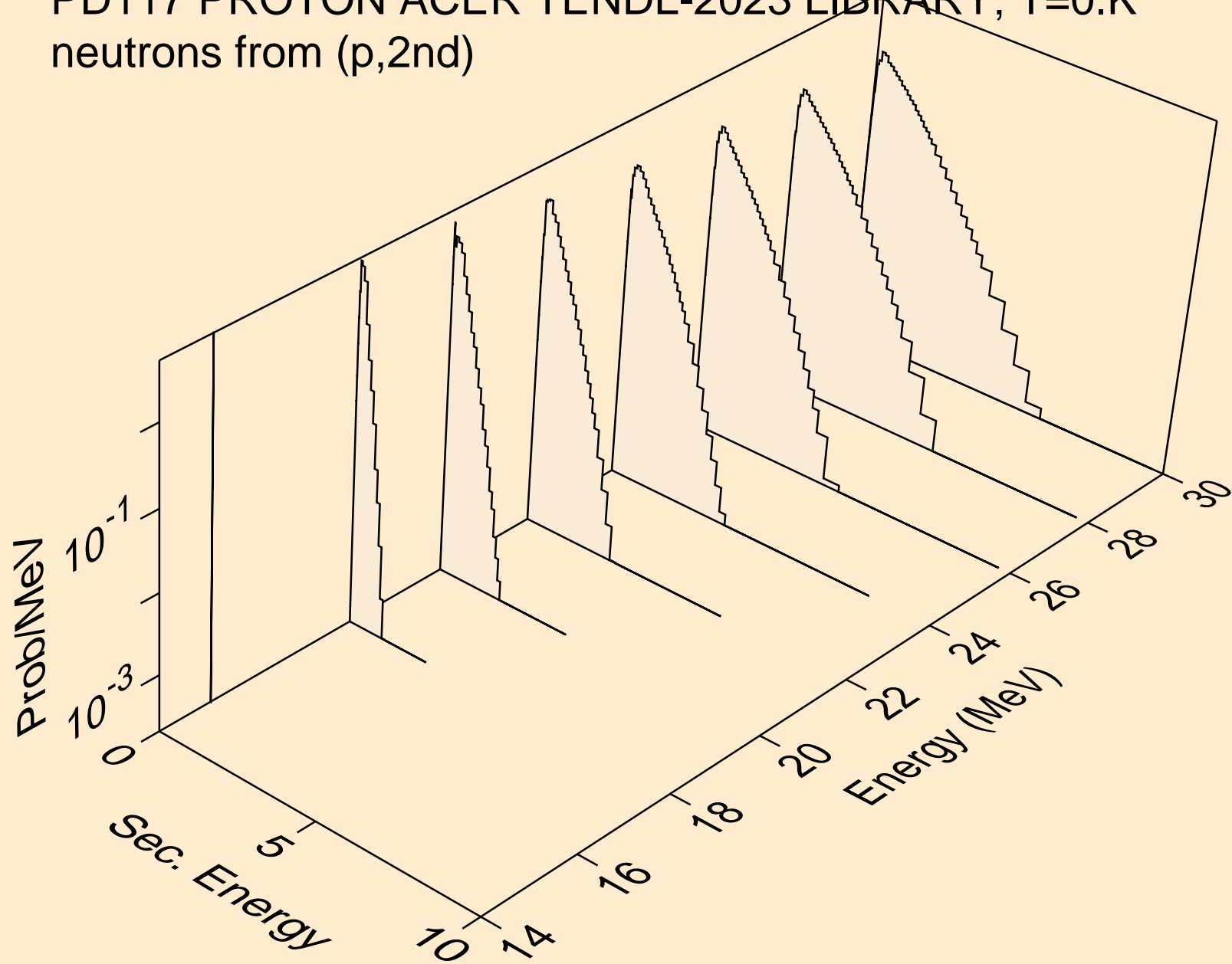




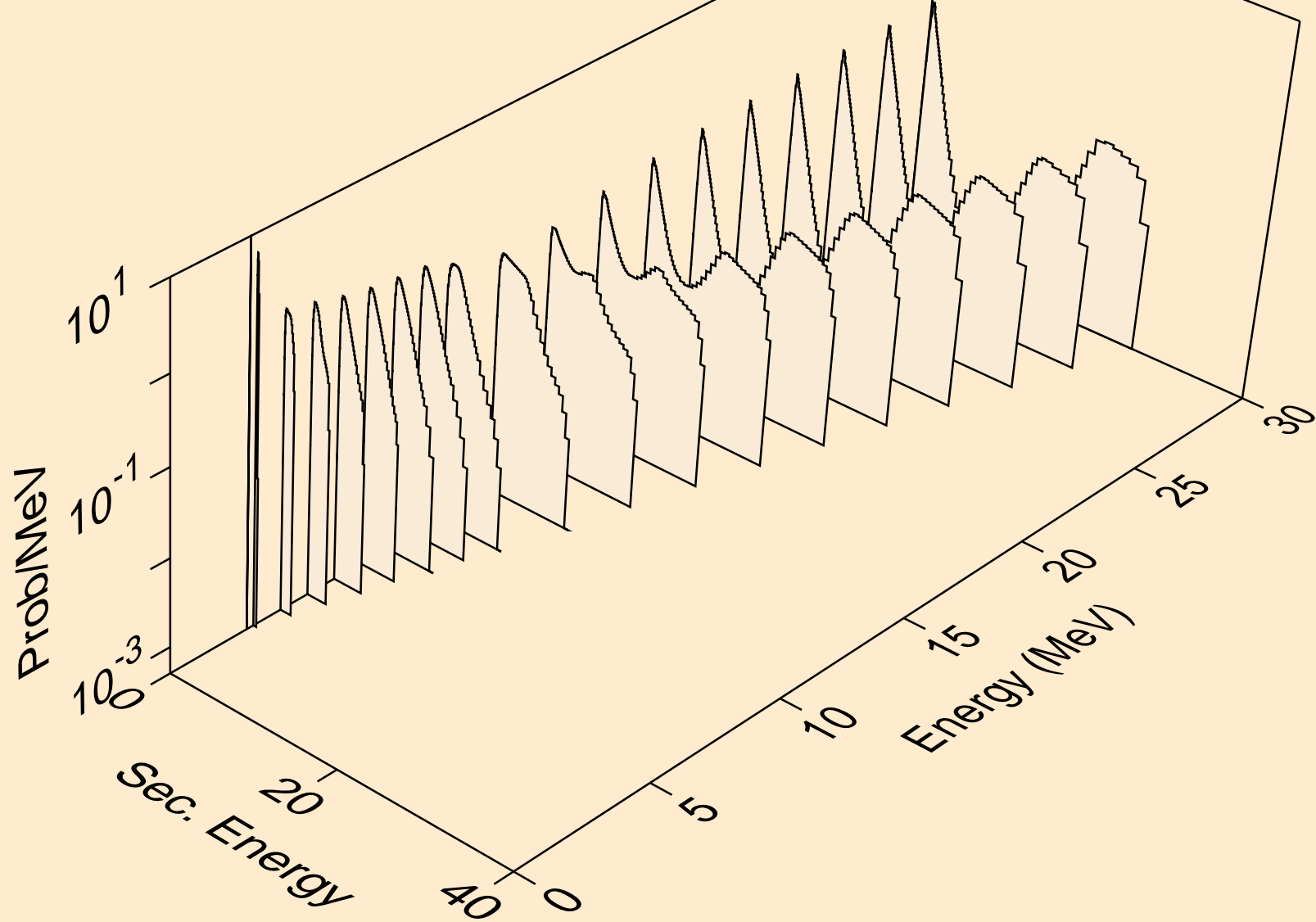
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neutrons from (p,x)



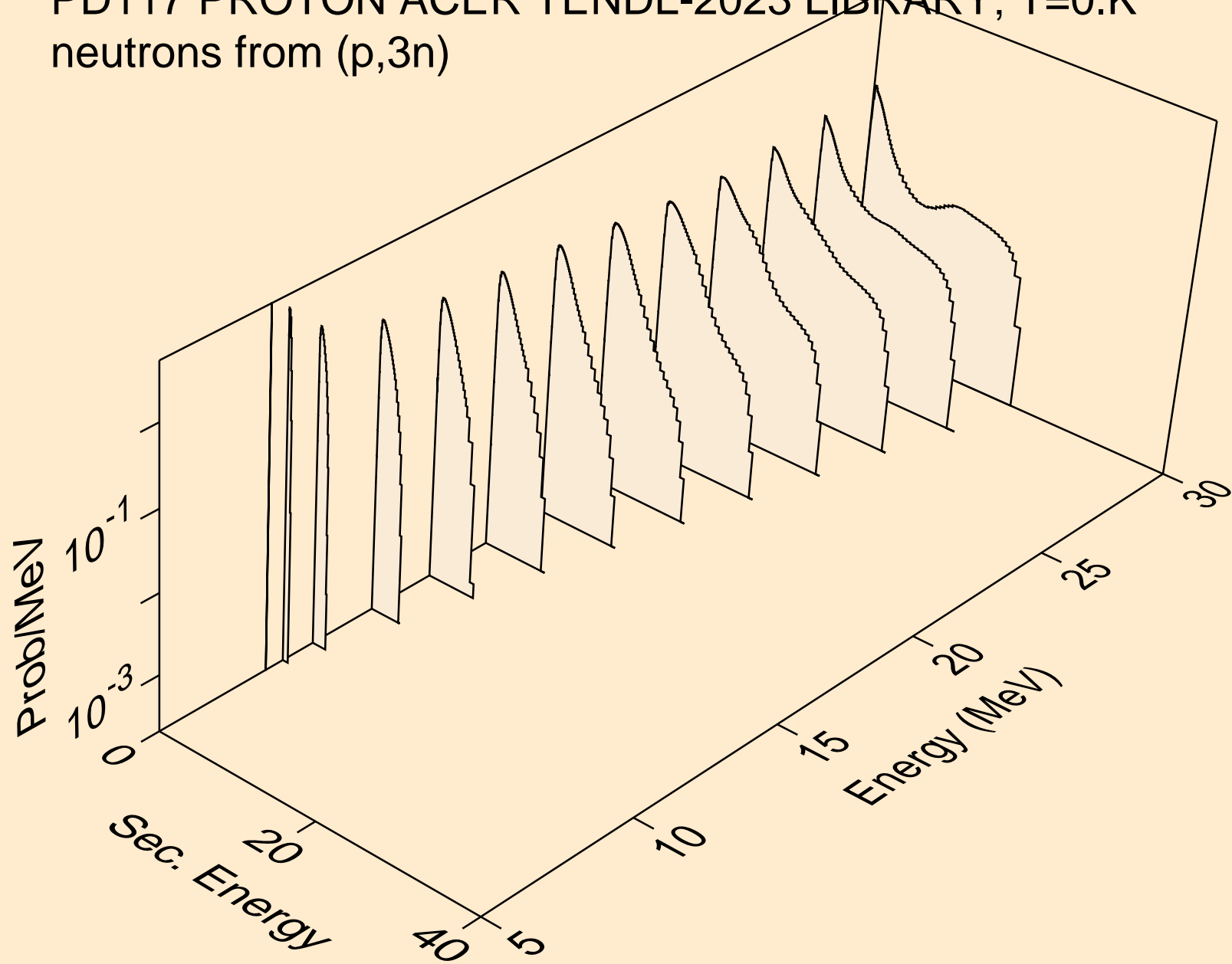
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



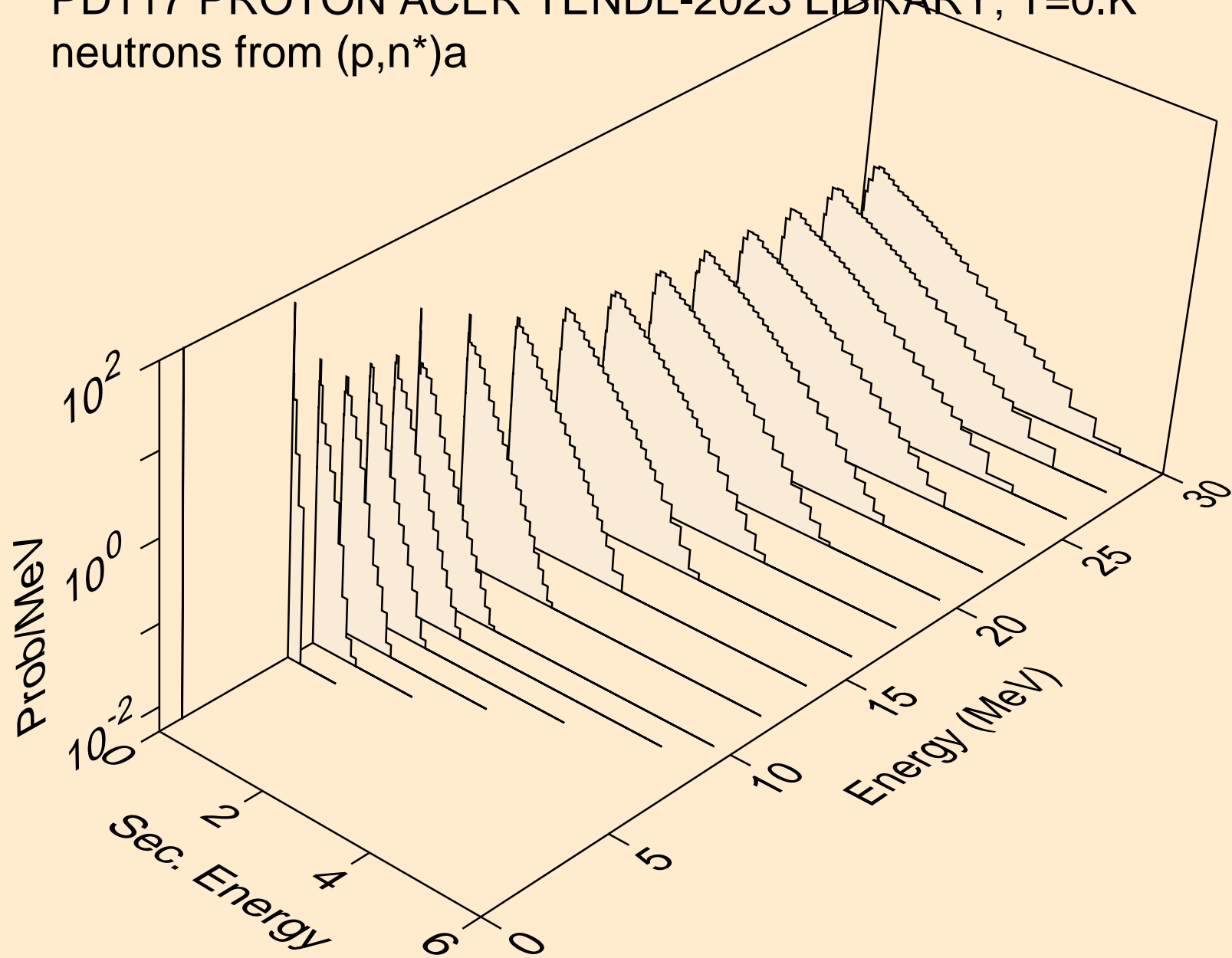
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



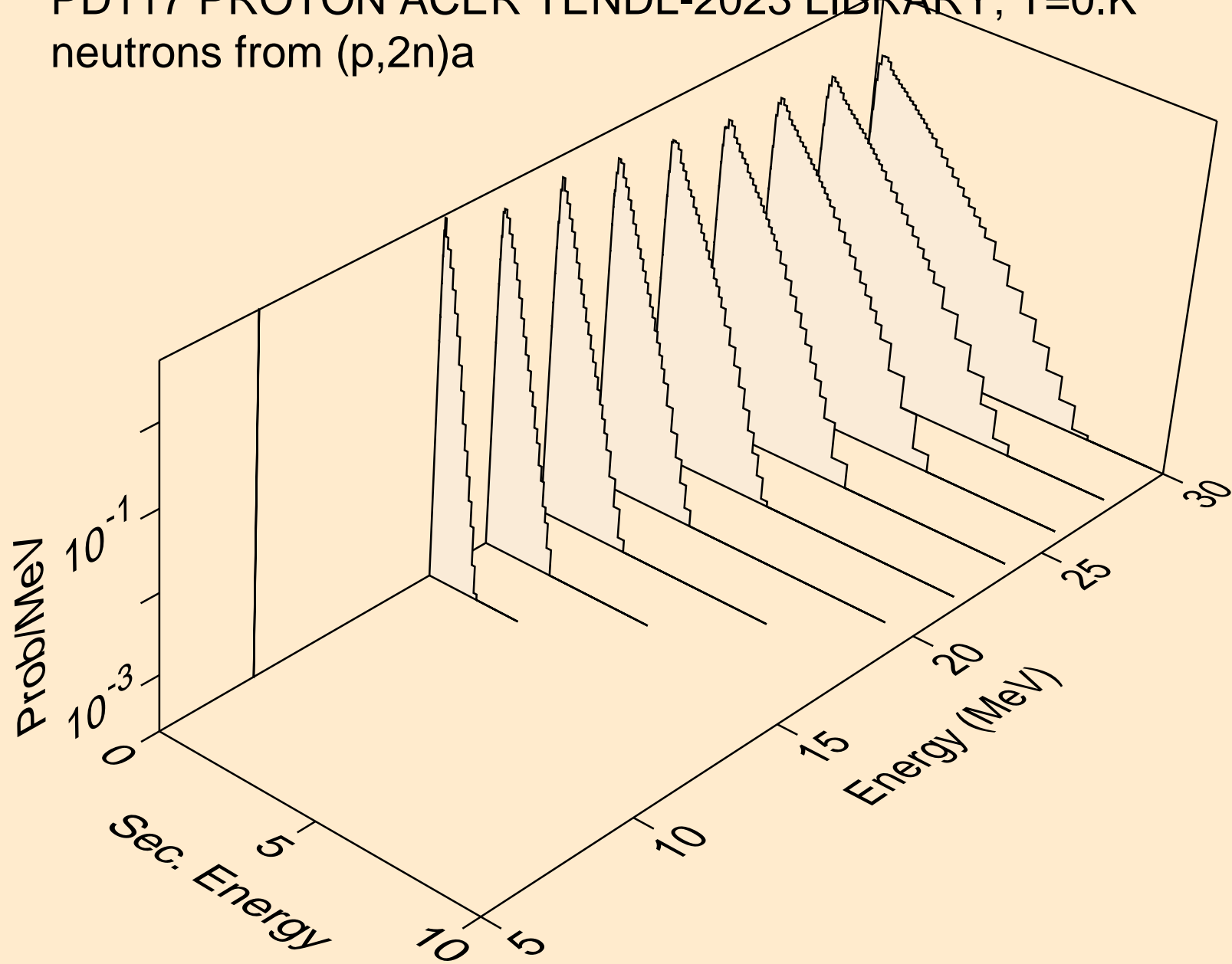
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neutrons from (p,3n)



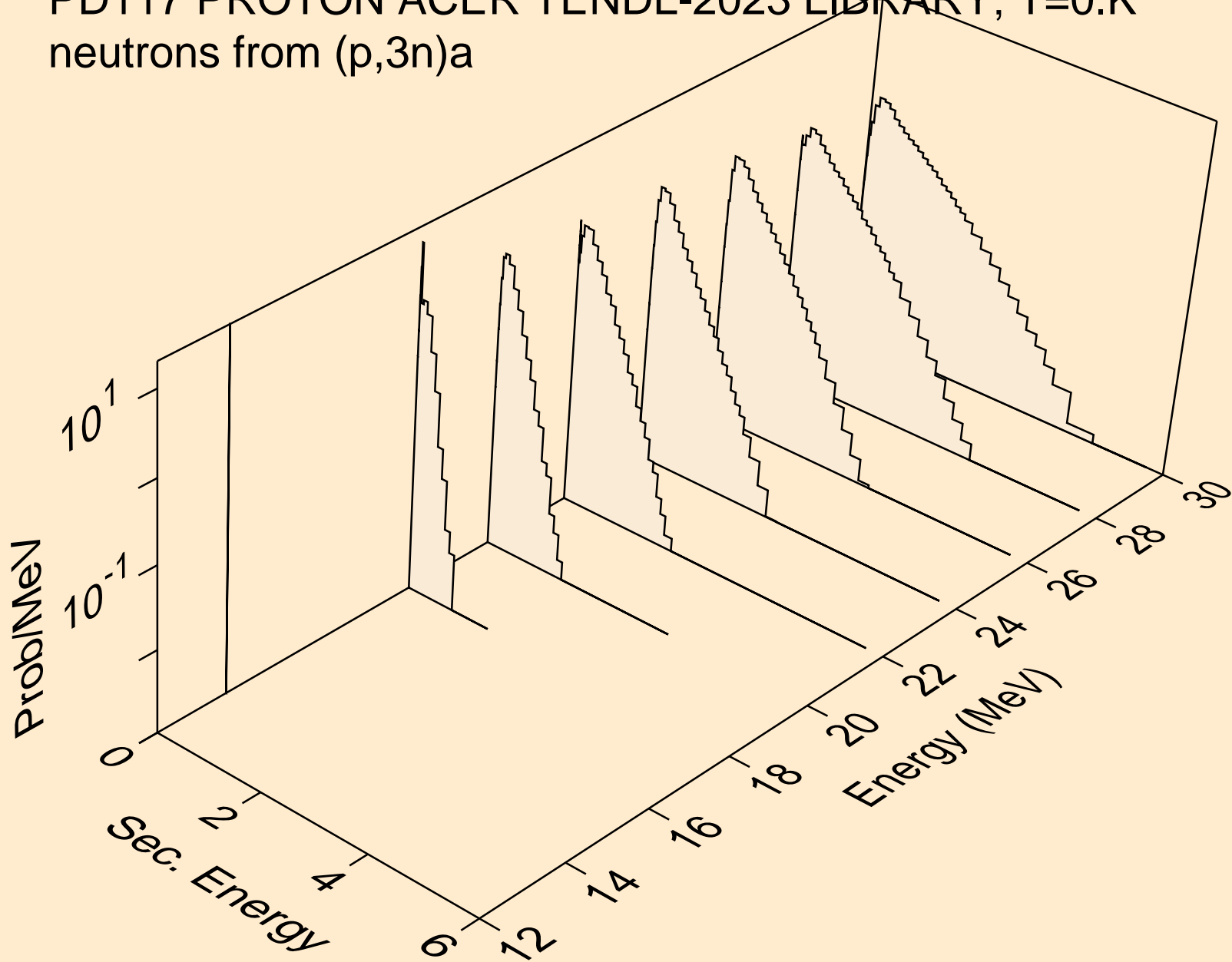
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



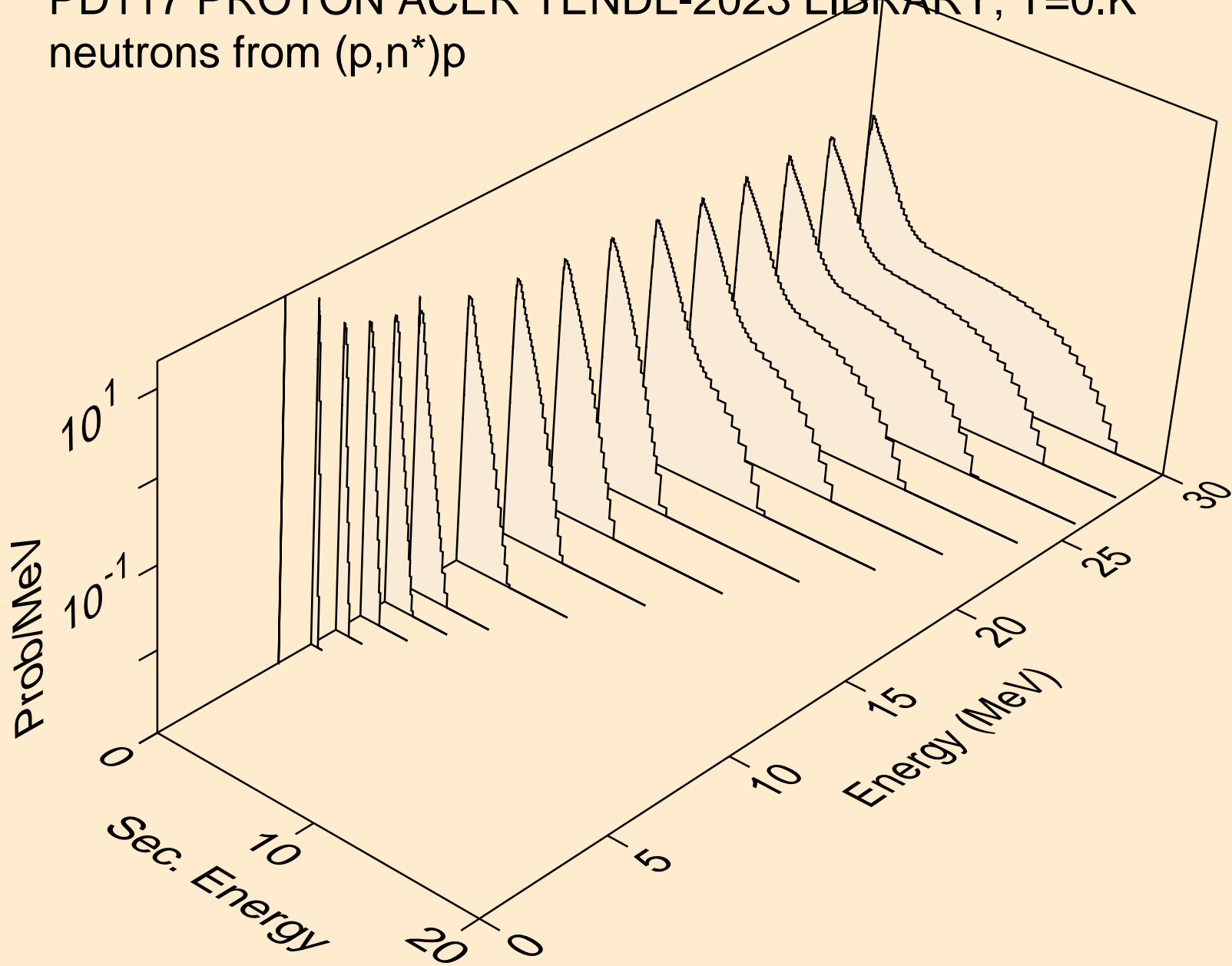
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

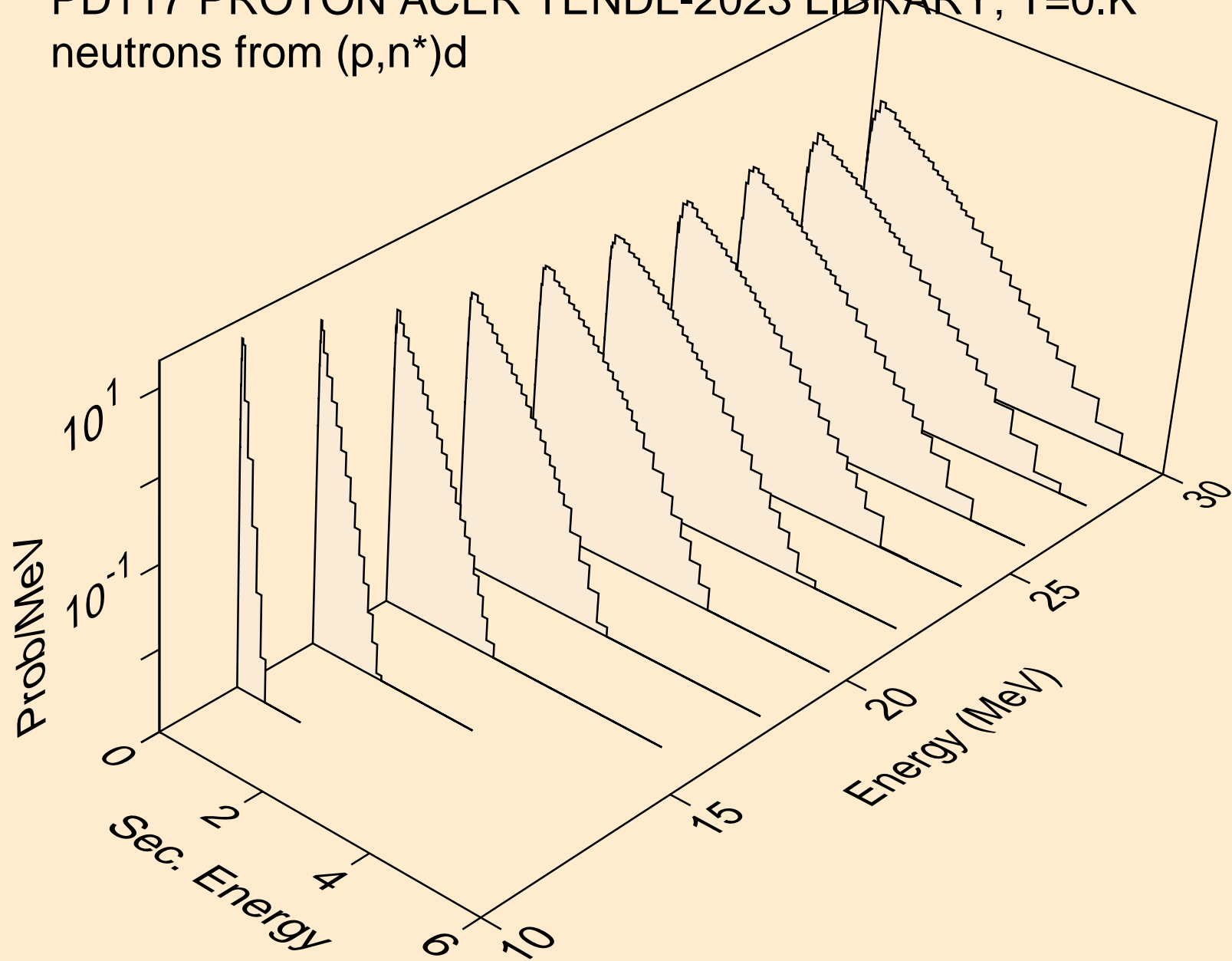


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

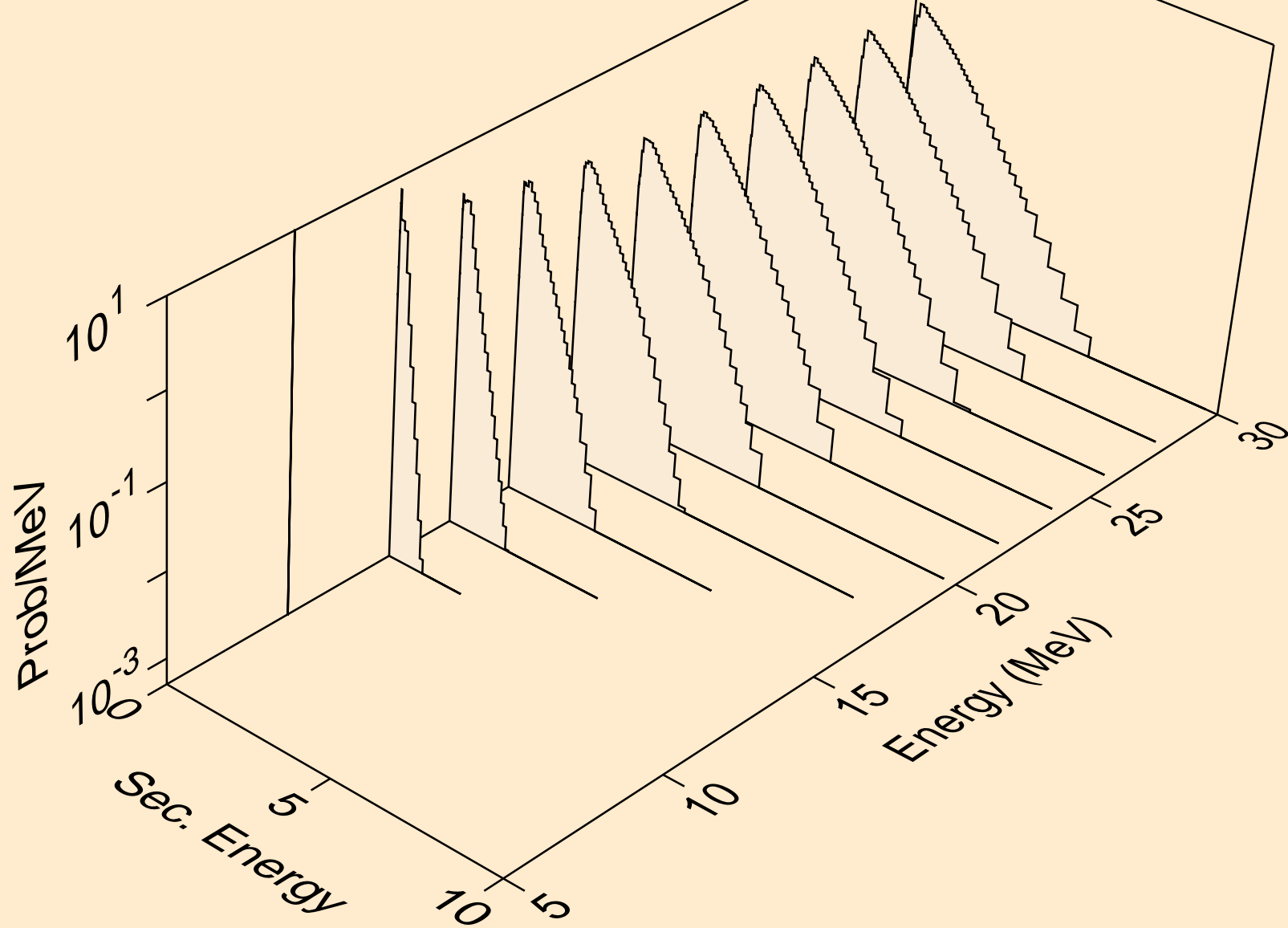




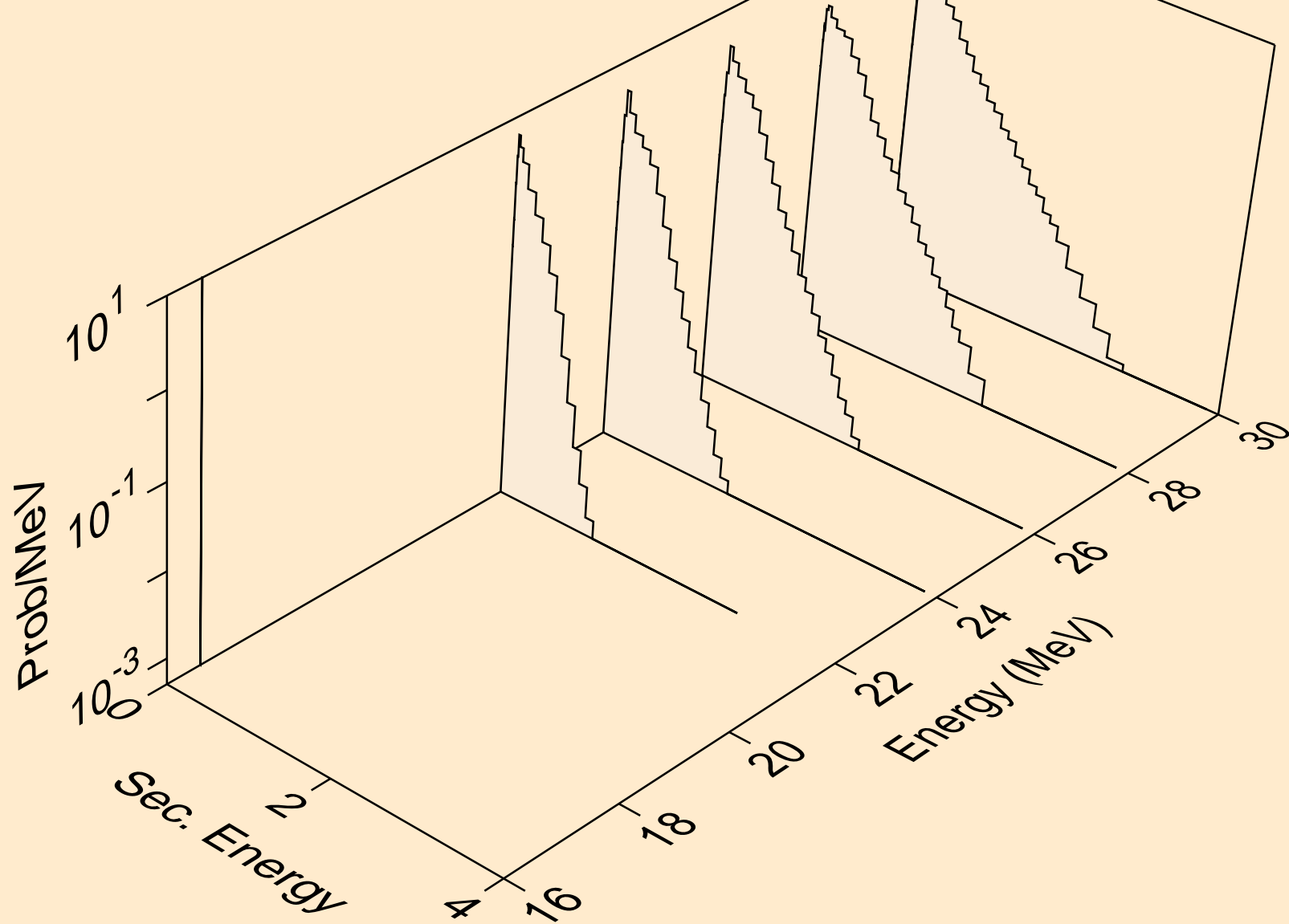
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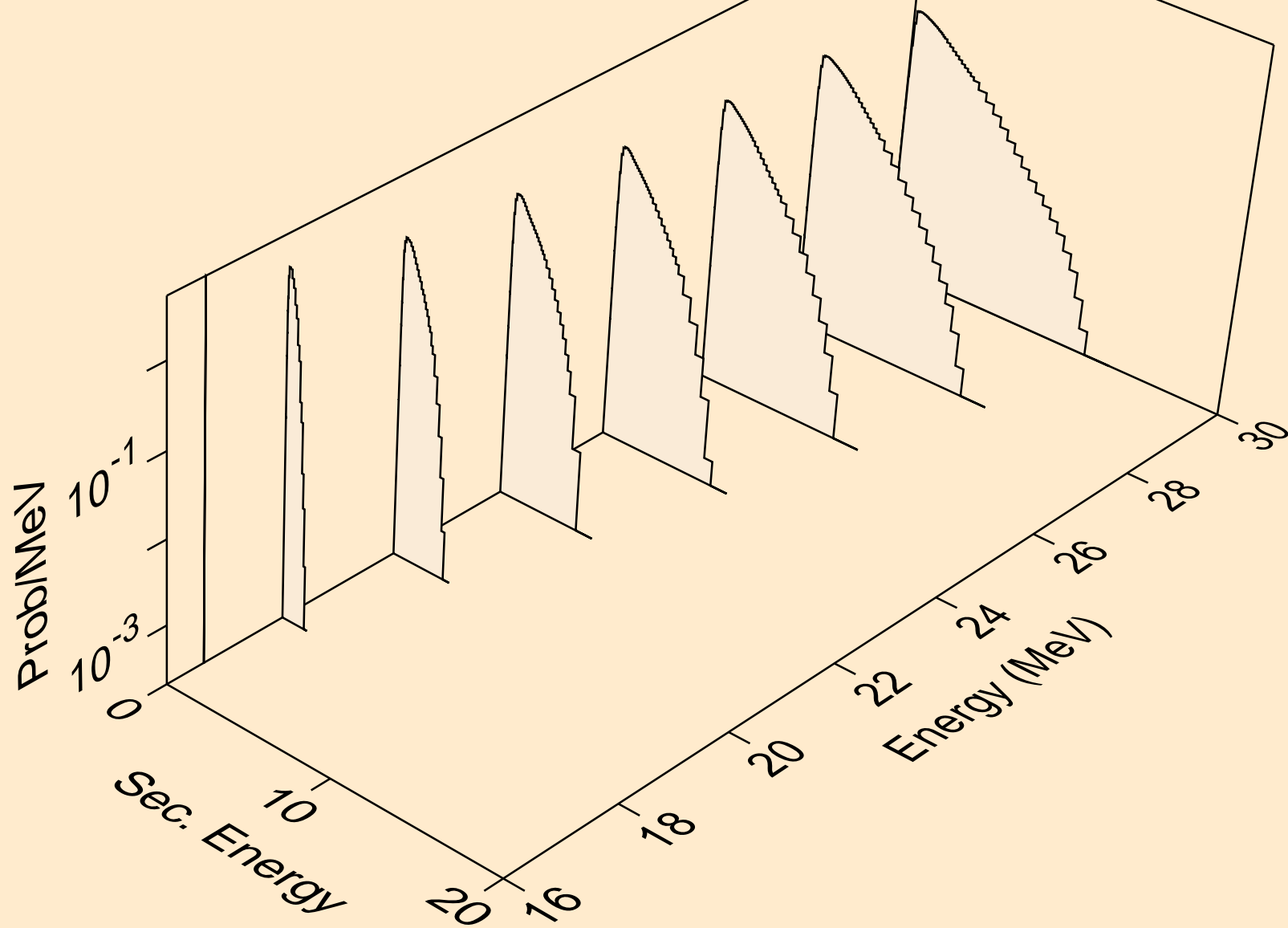
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neutrons from (p,n\*)t



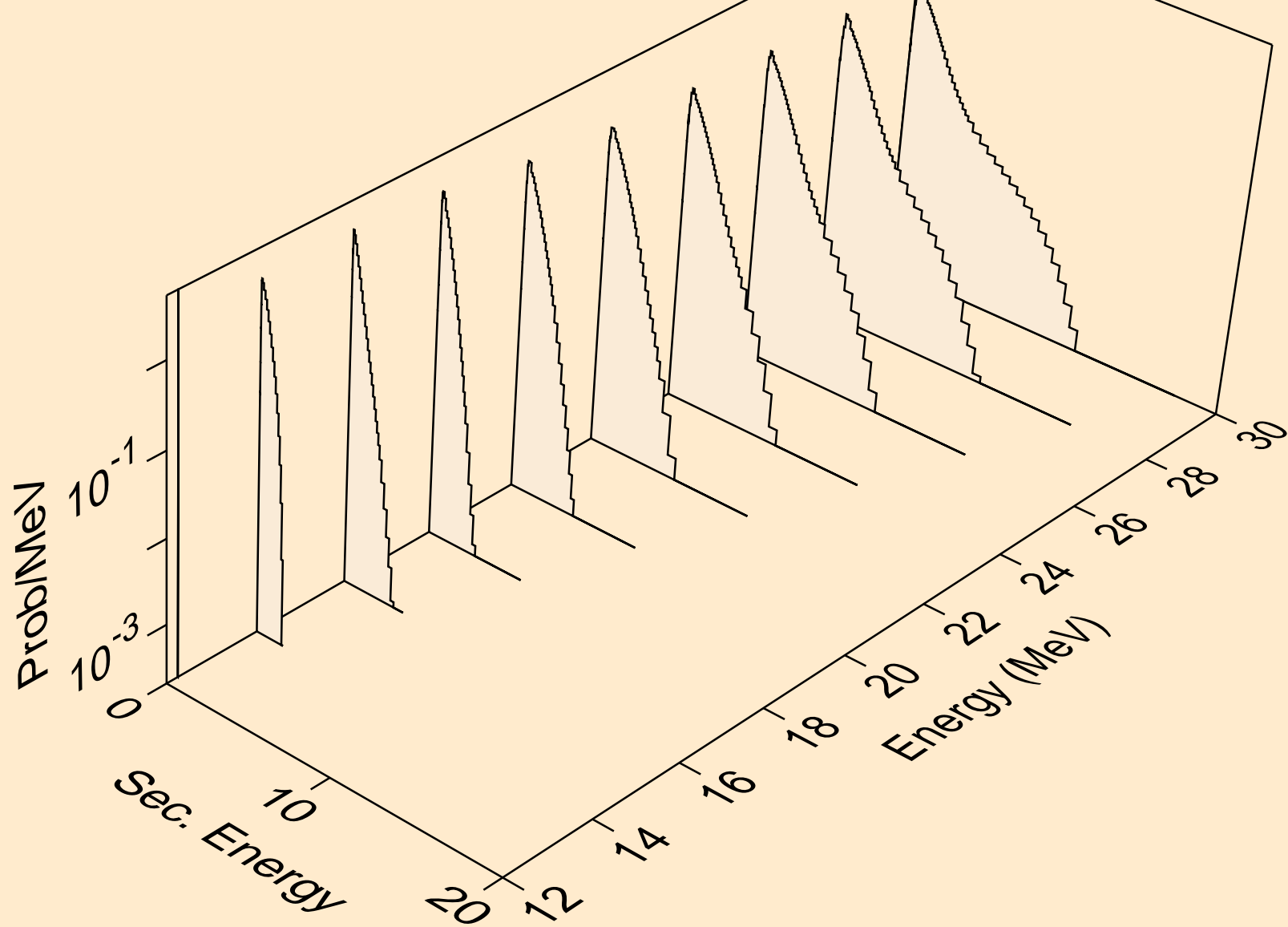
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



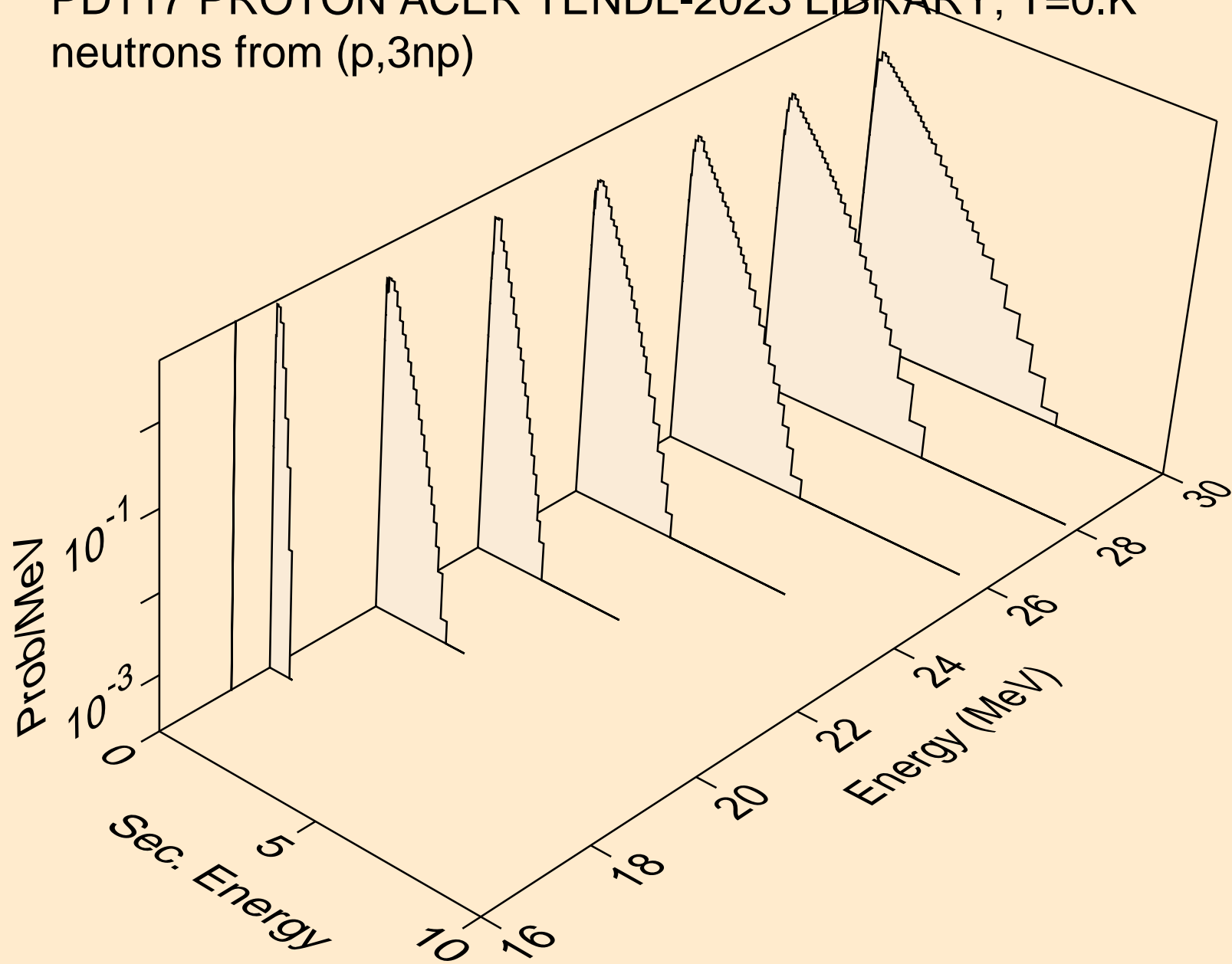
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neutrons from (p,4n)



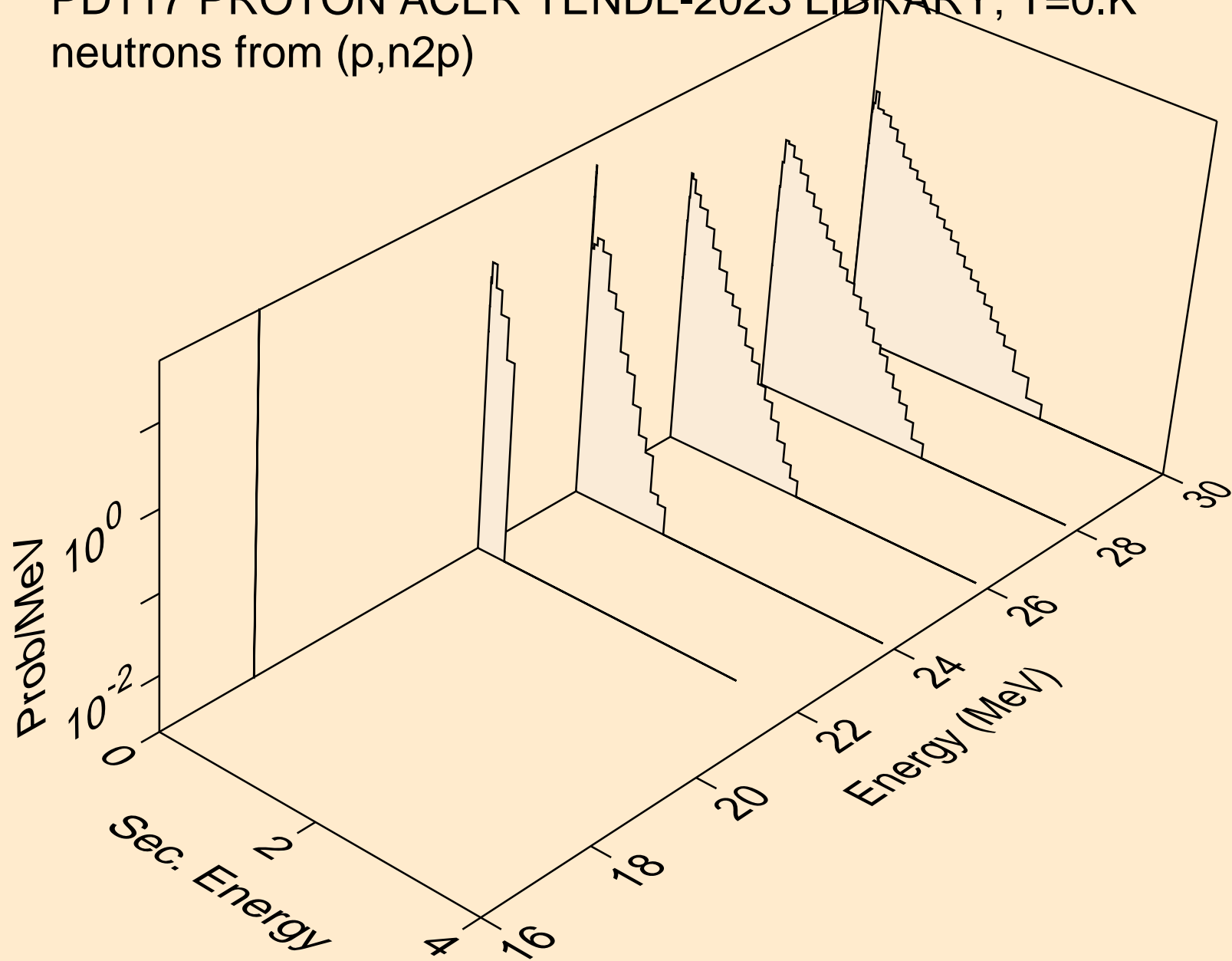
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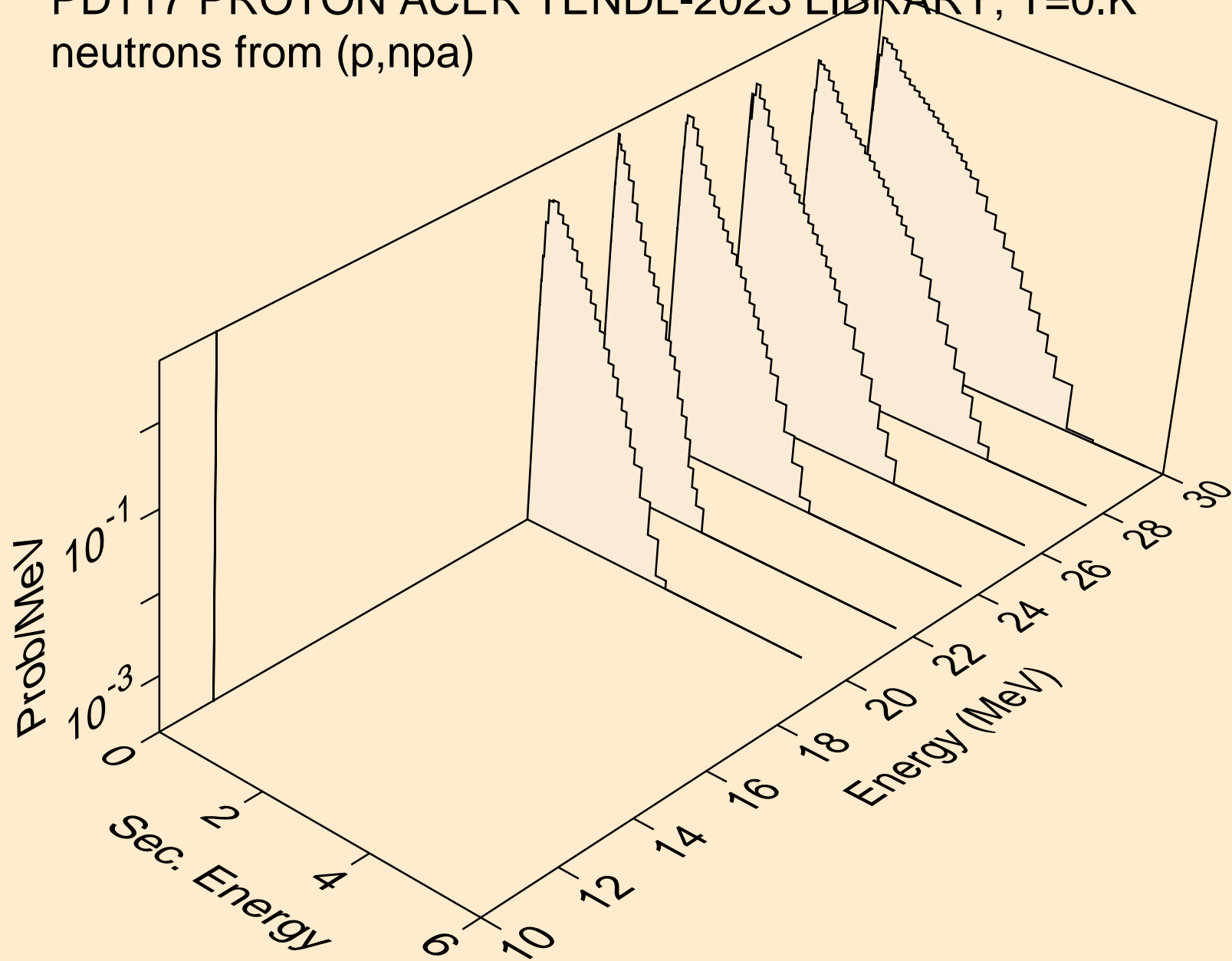
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

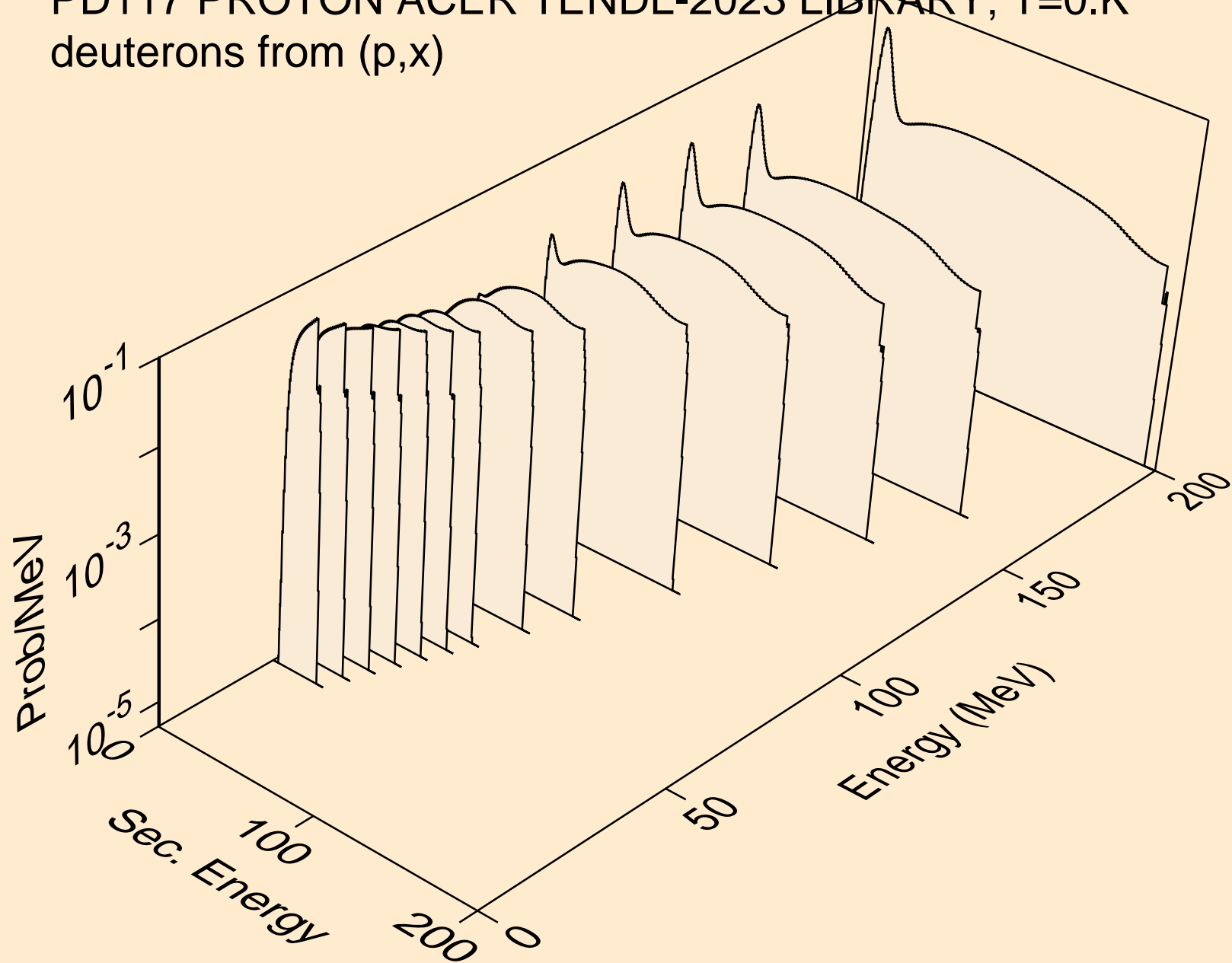


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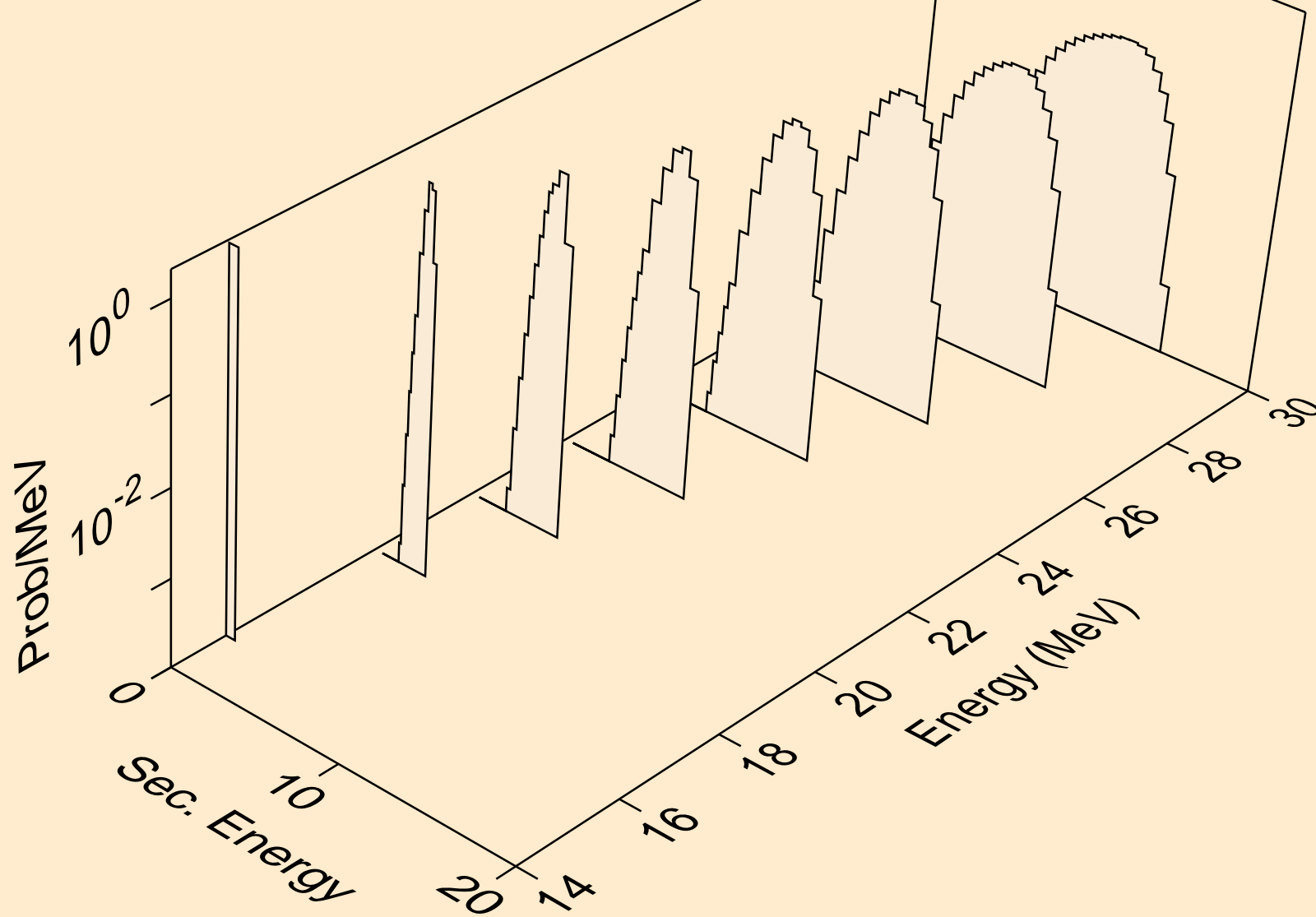




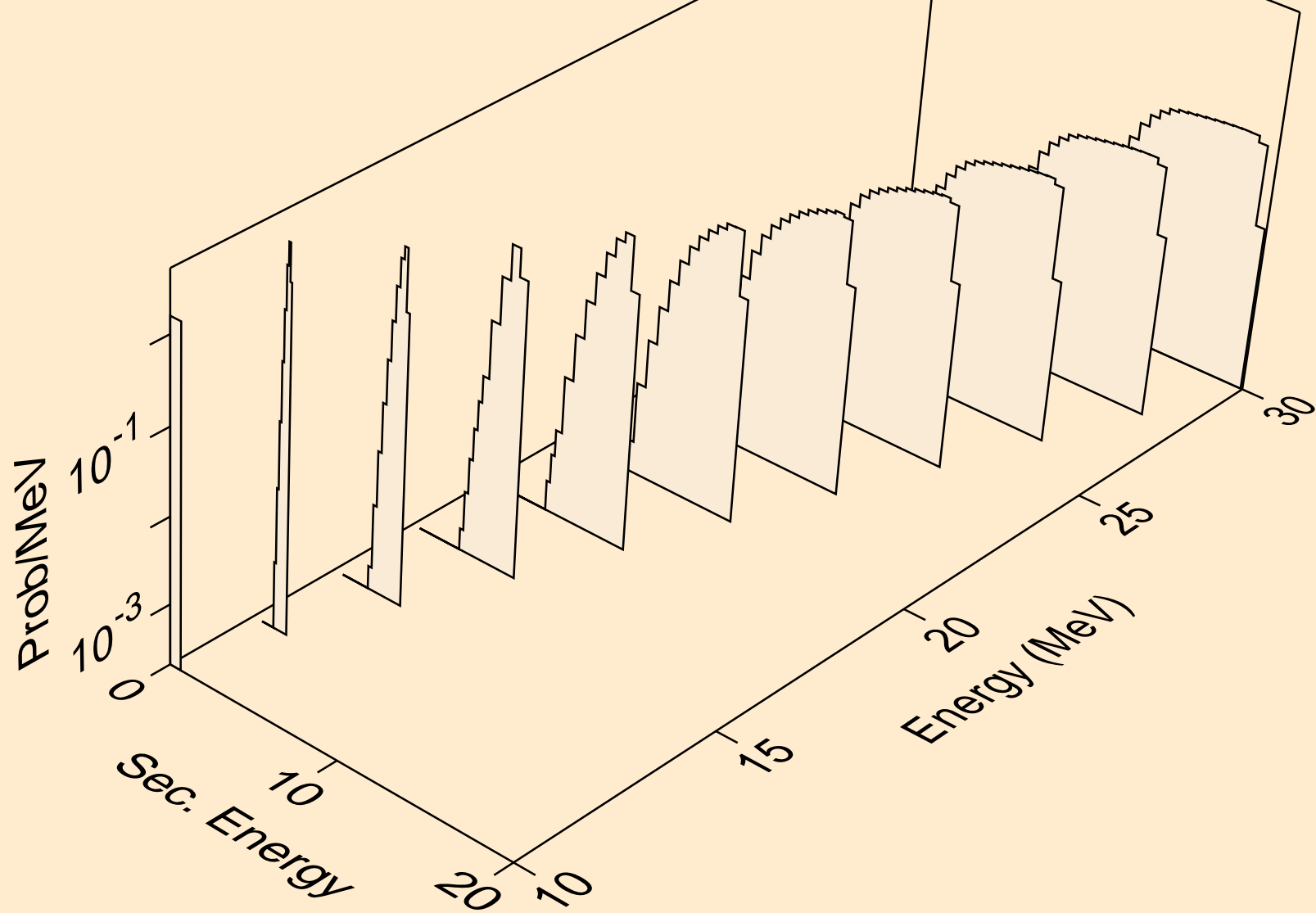
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deuterons from (p,x)



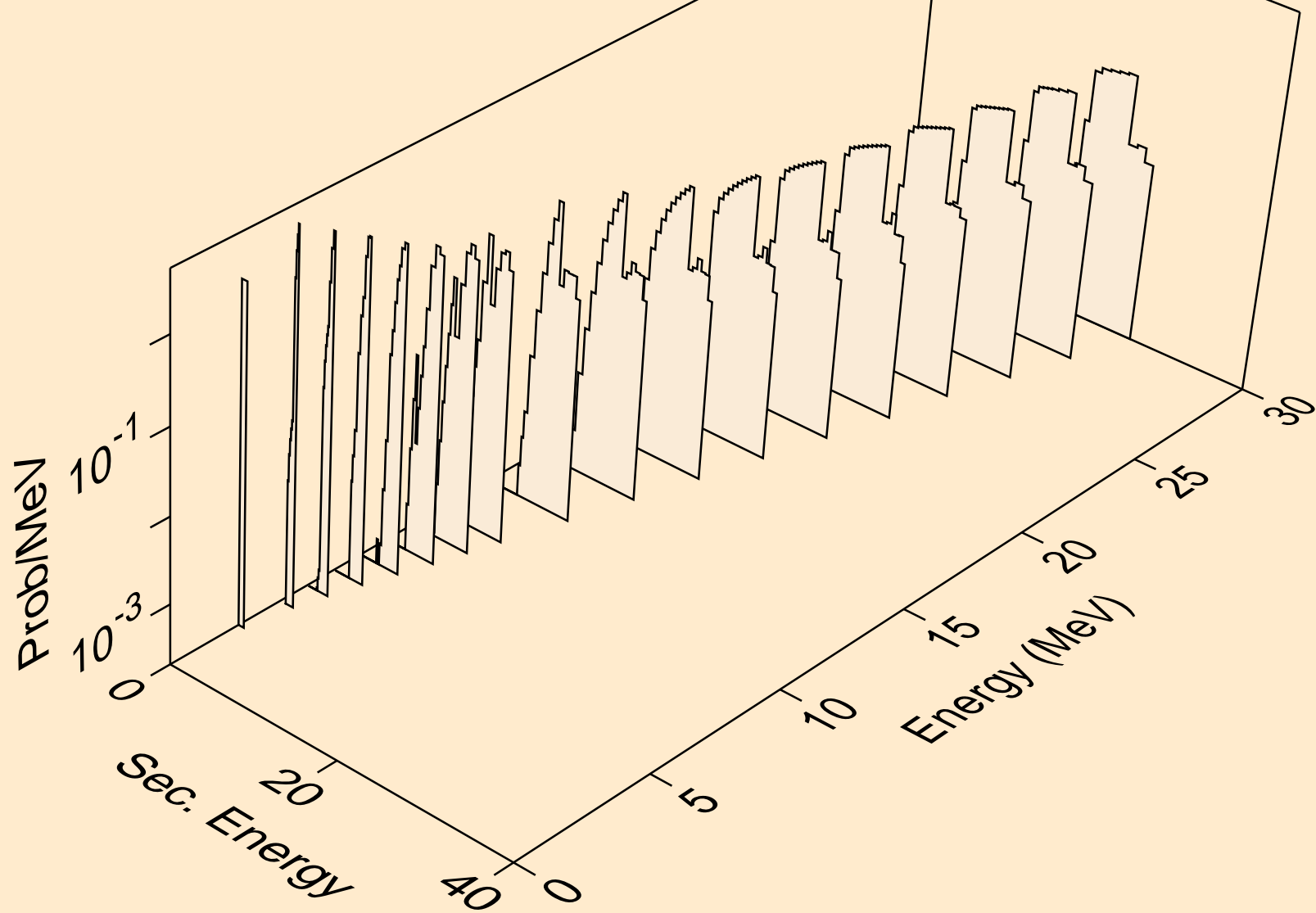
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deuterons from (p,2nd)



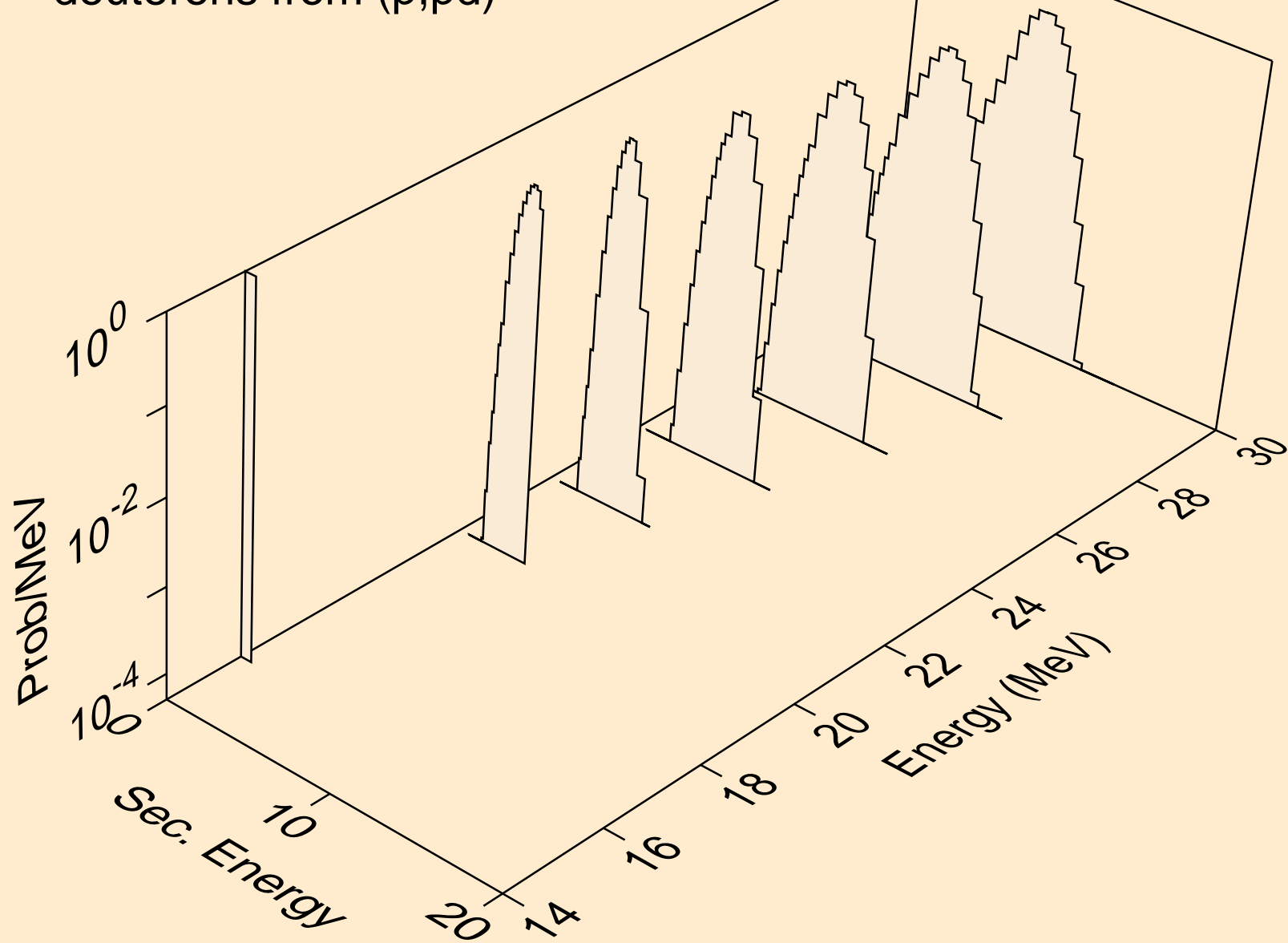
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



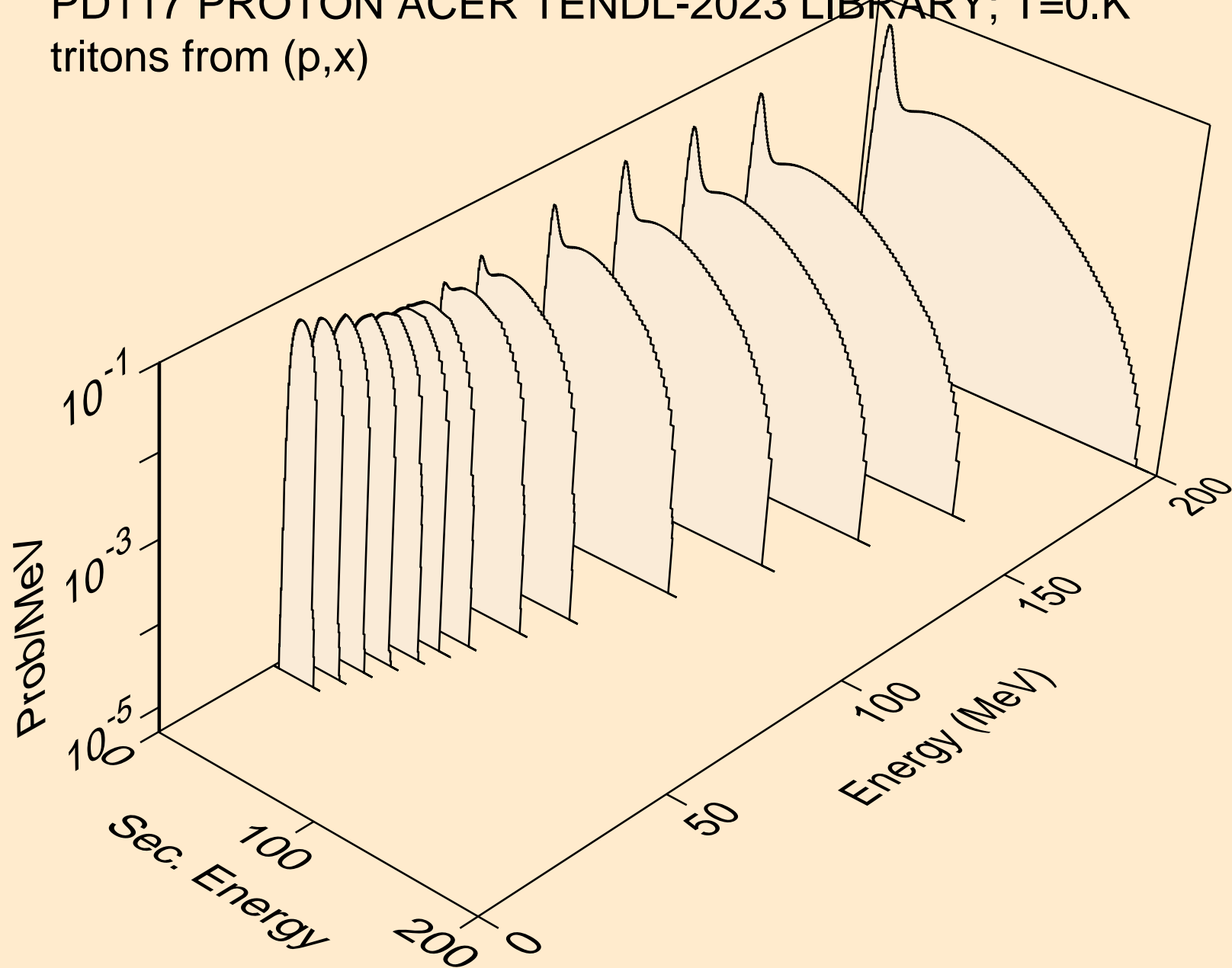
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deuterons from (p,d)



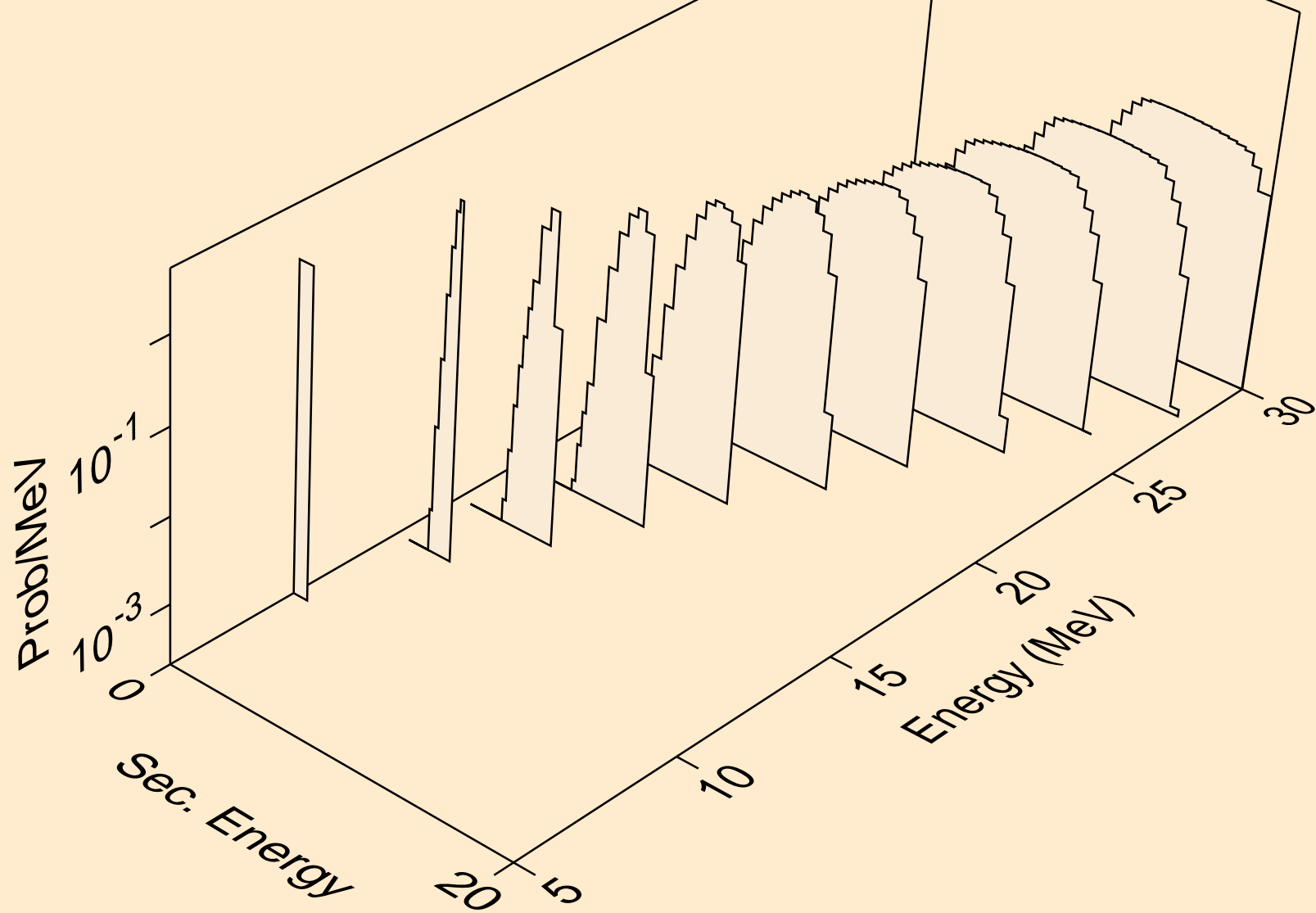
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



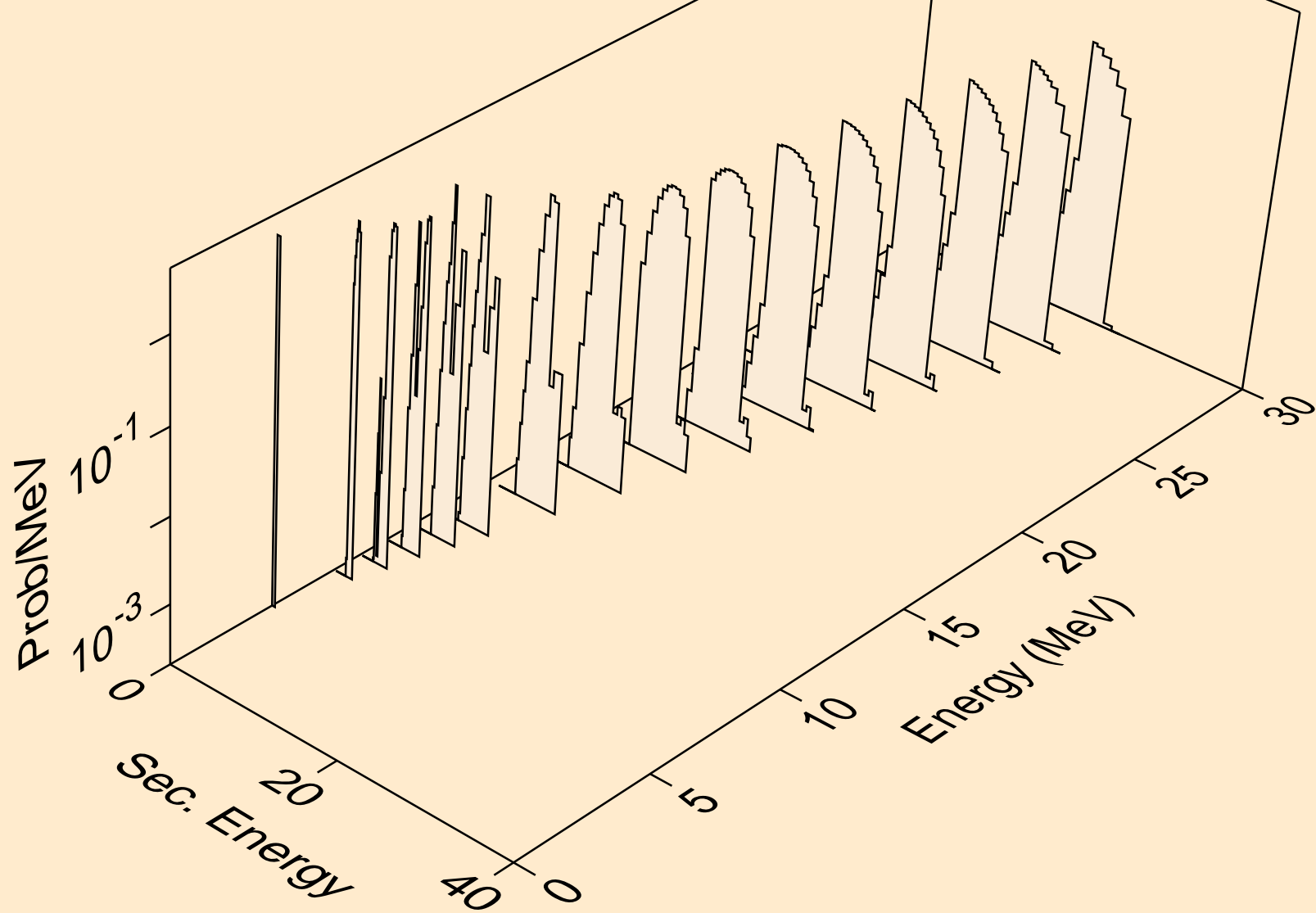
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

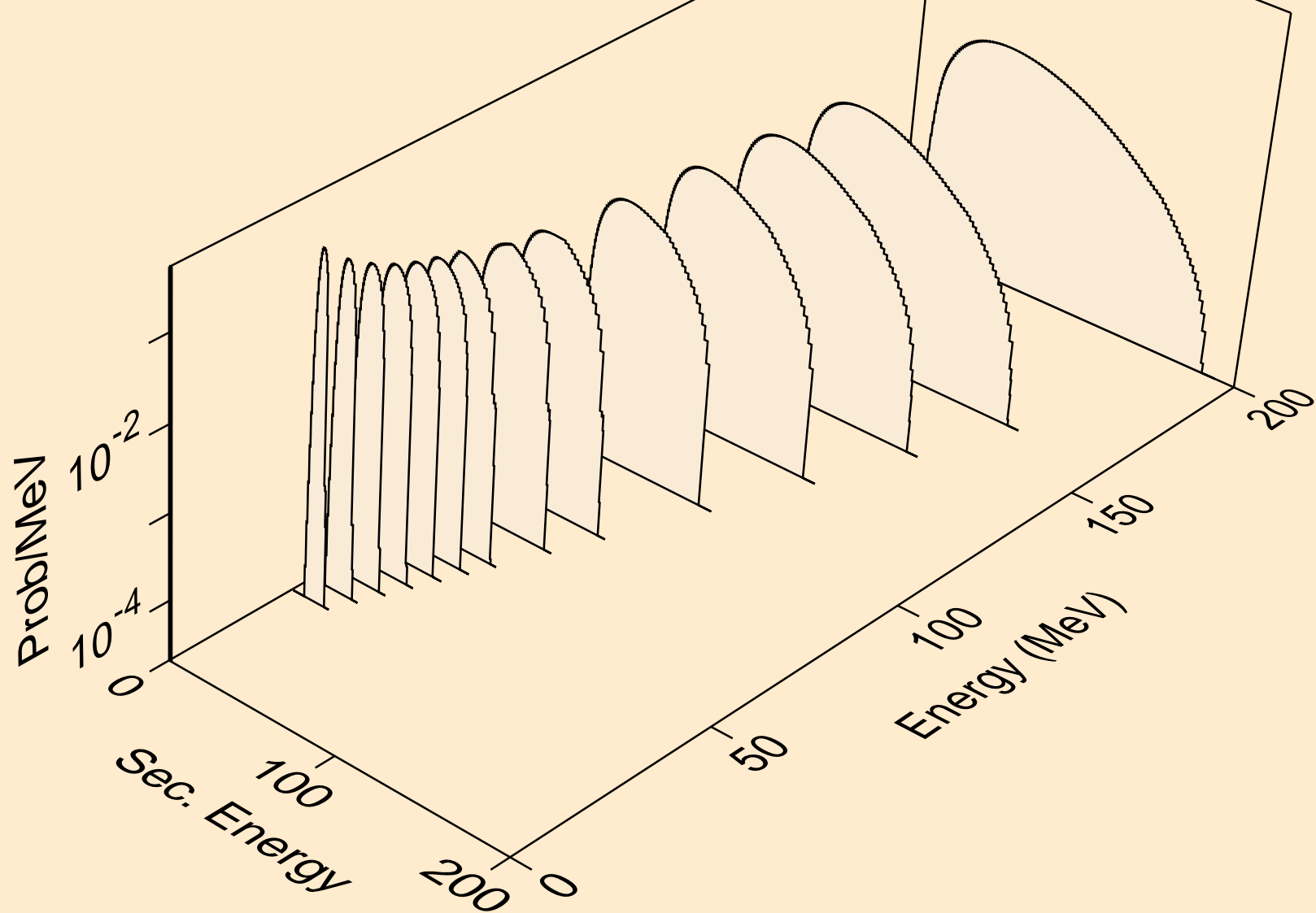


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

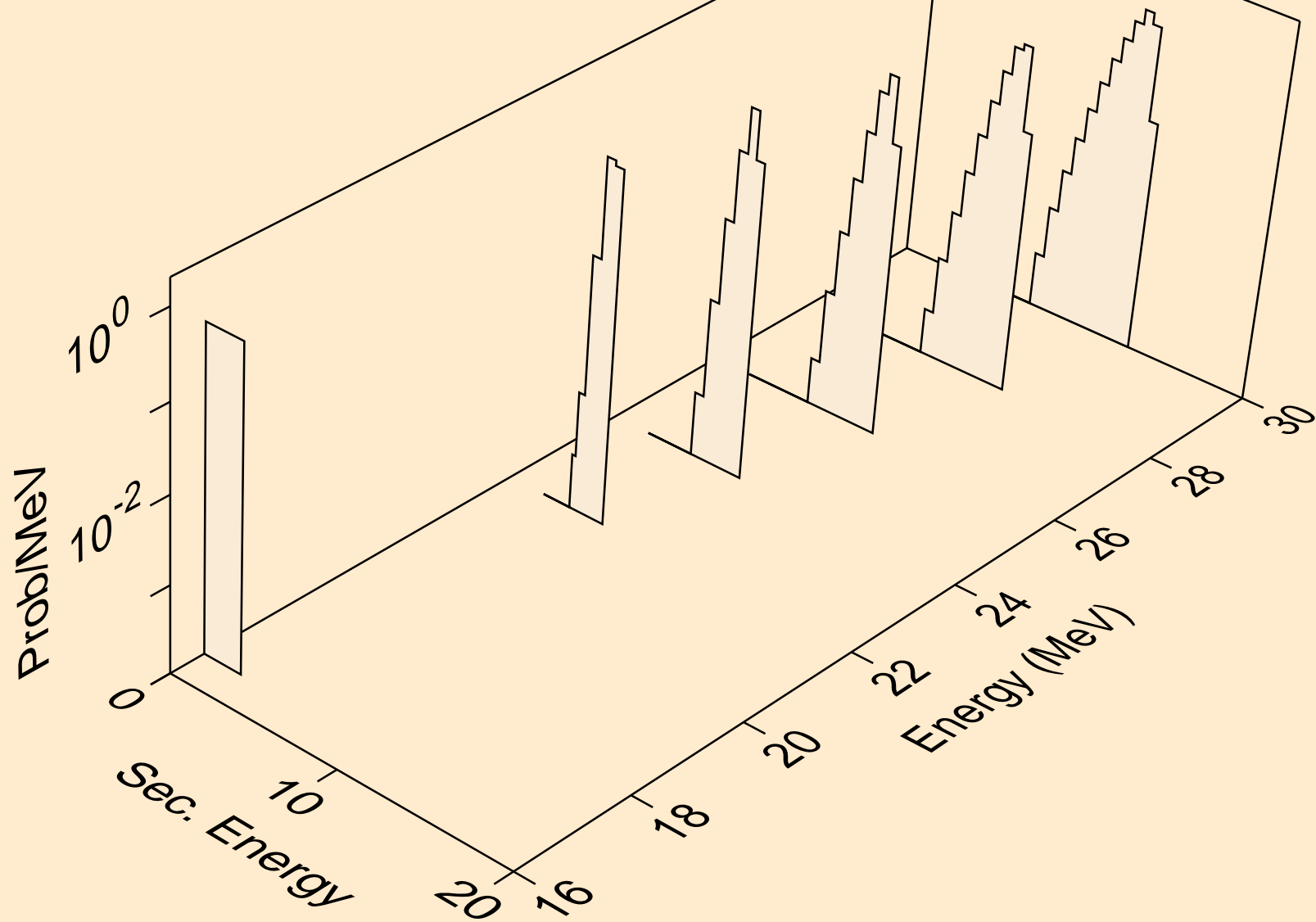




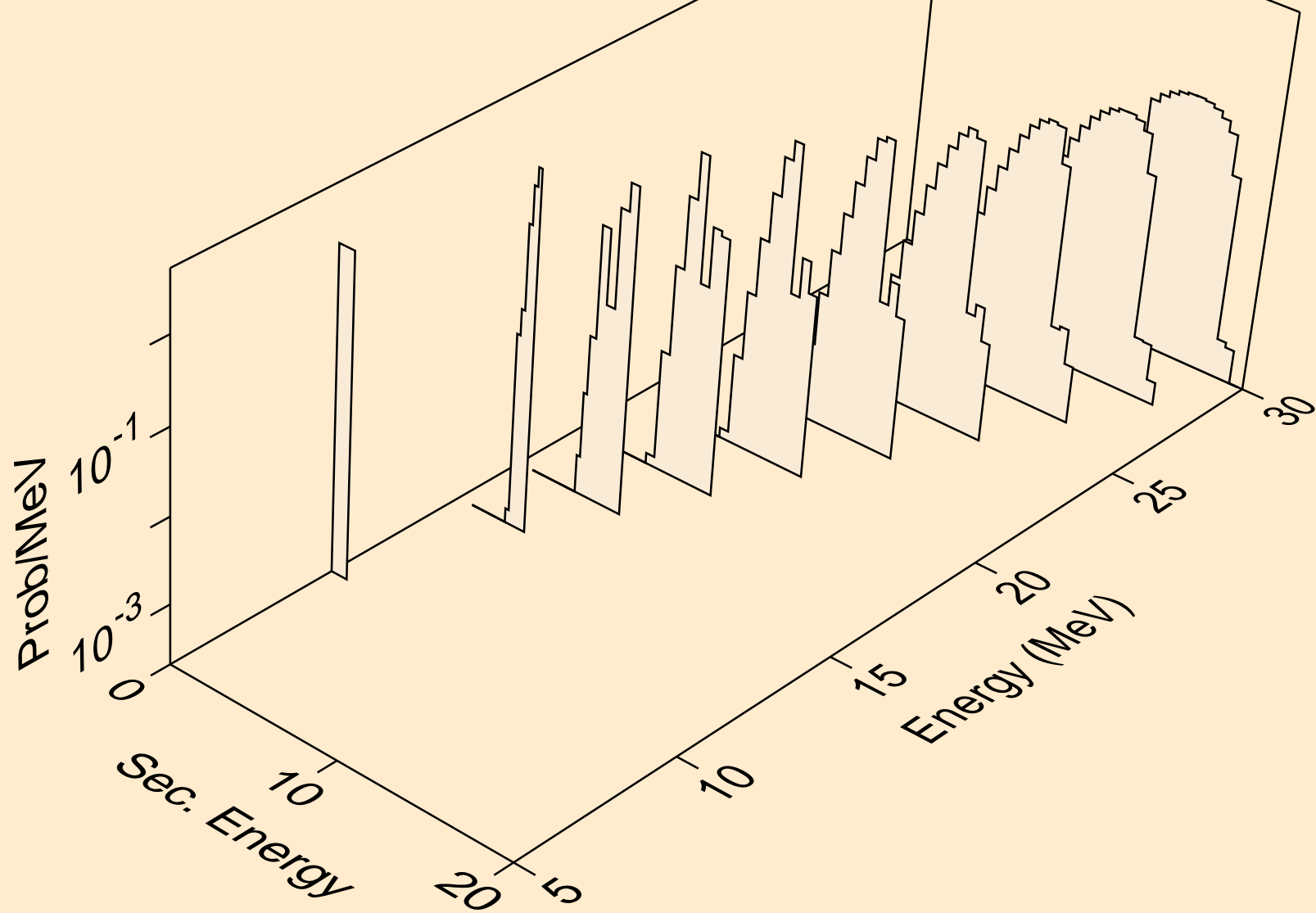
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



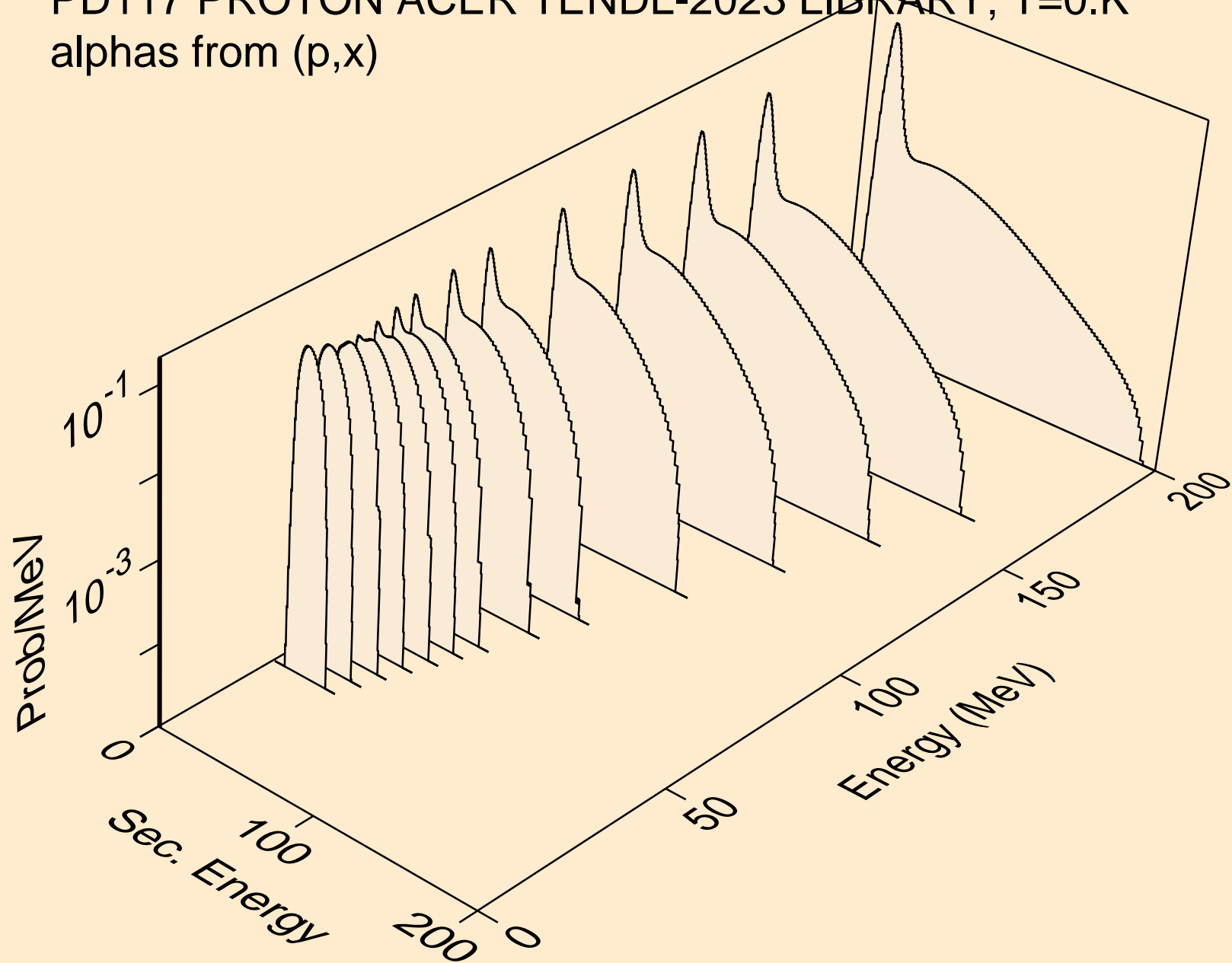
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



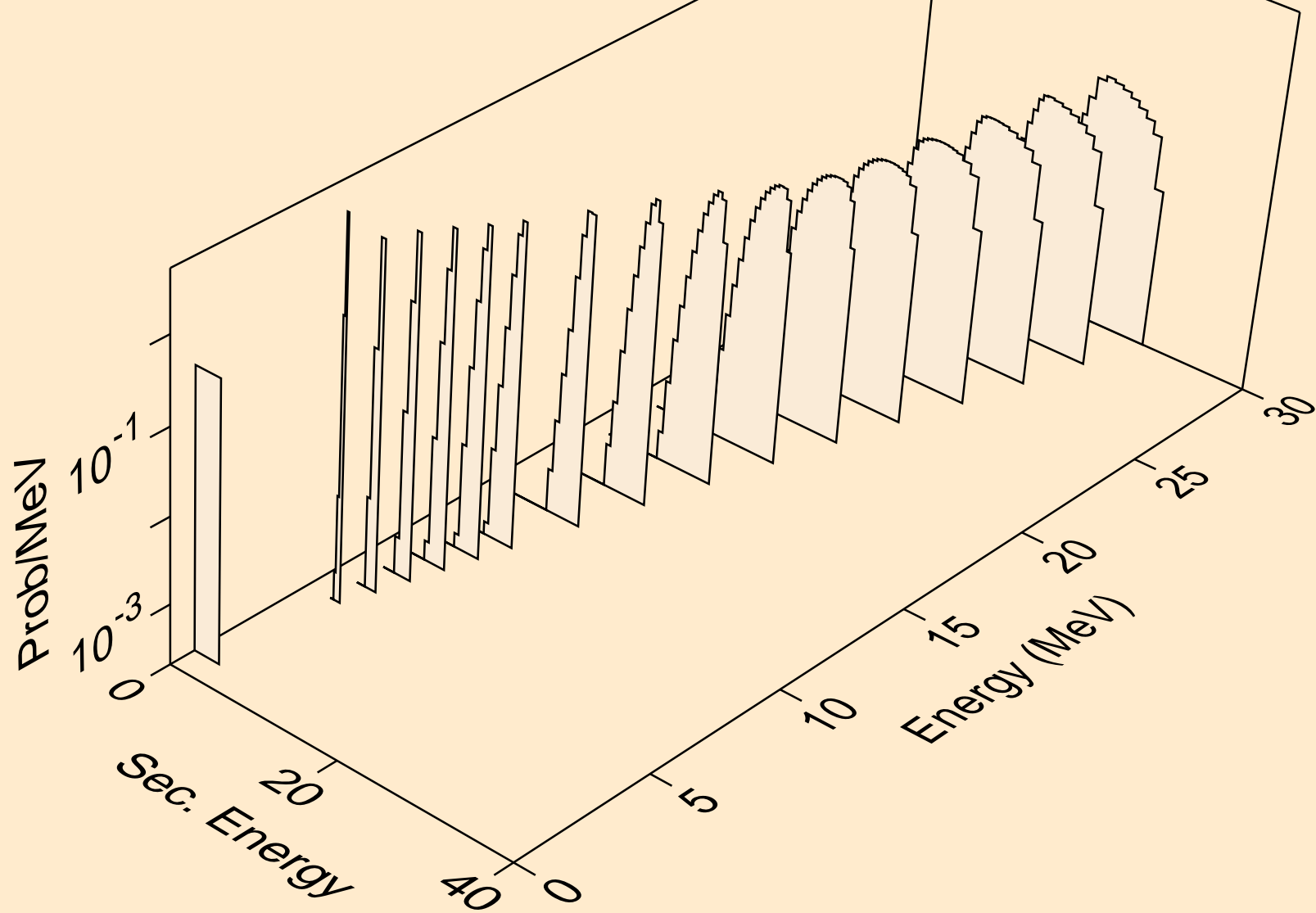
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he3s from (p,he3)



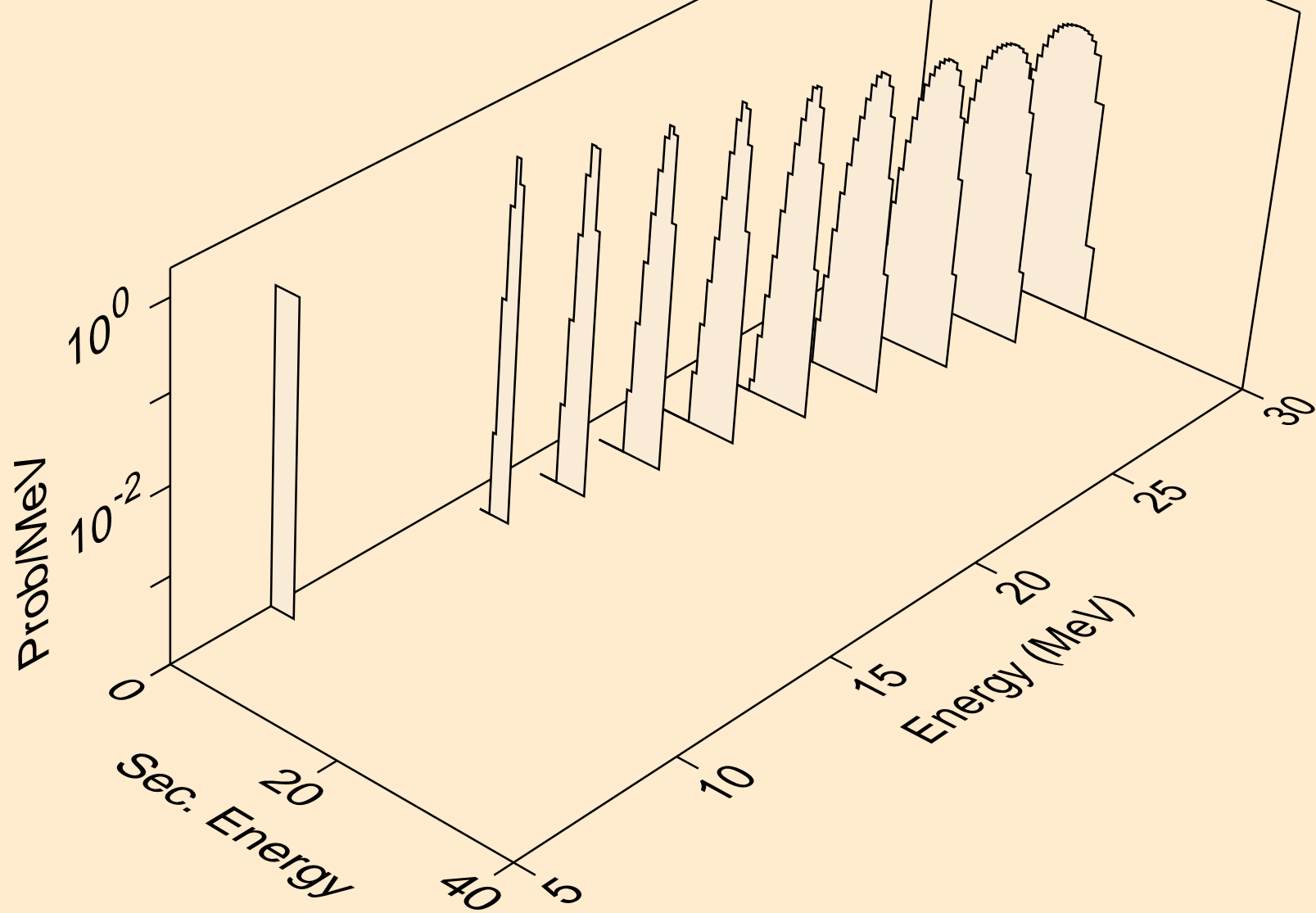
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



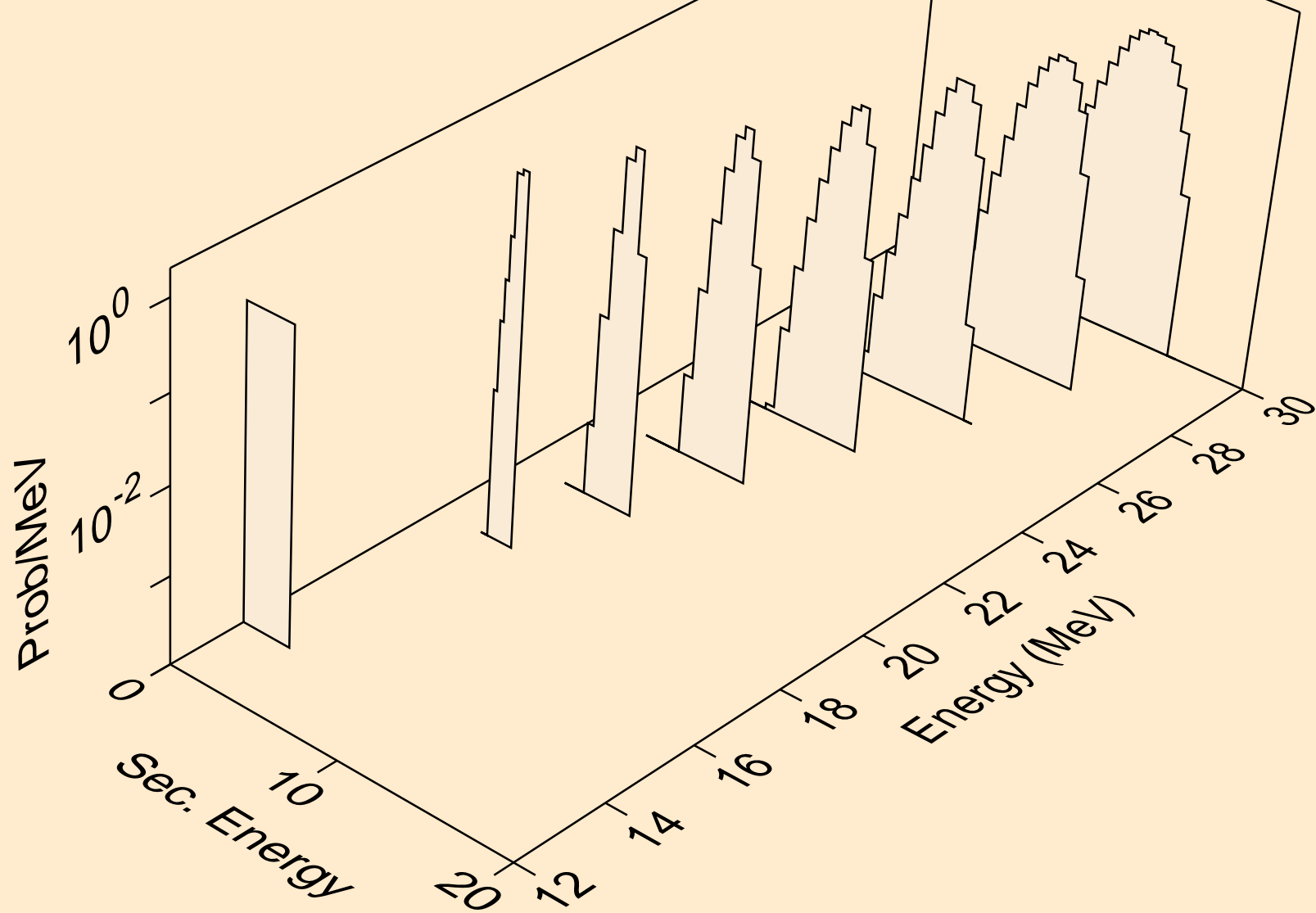
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



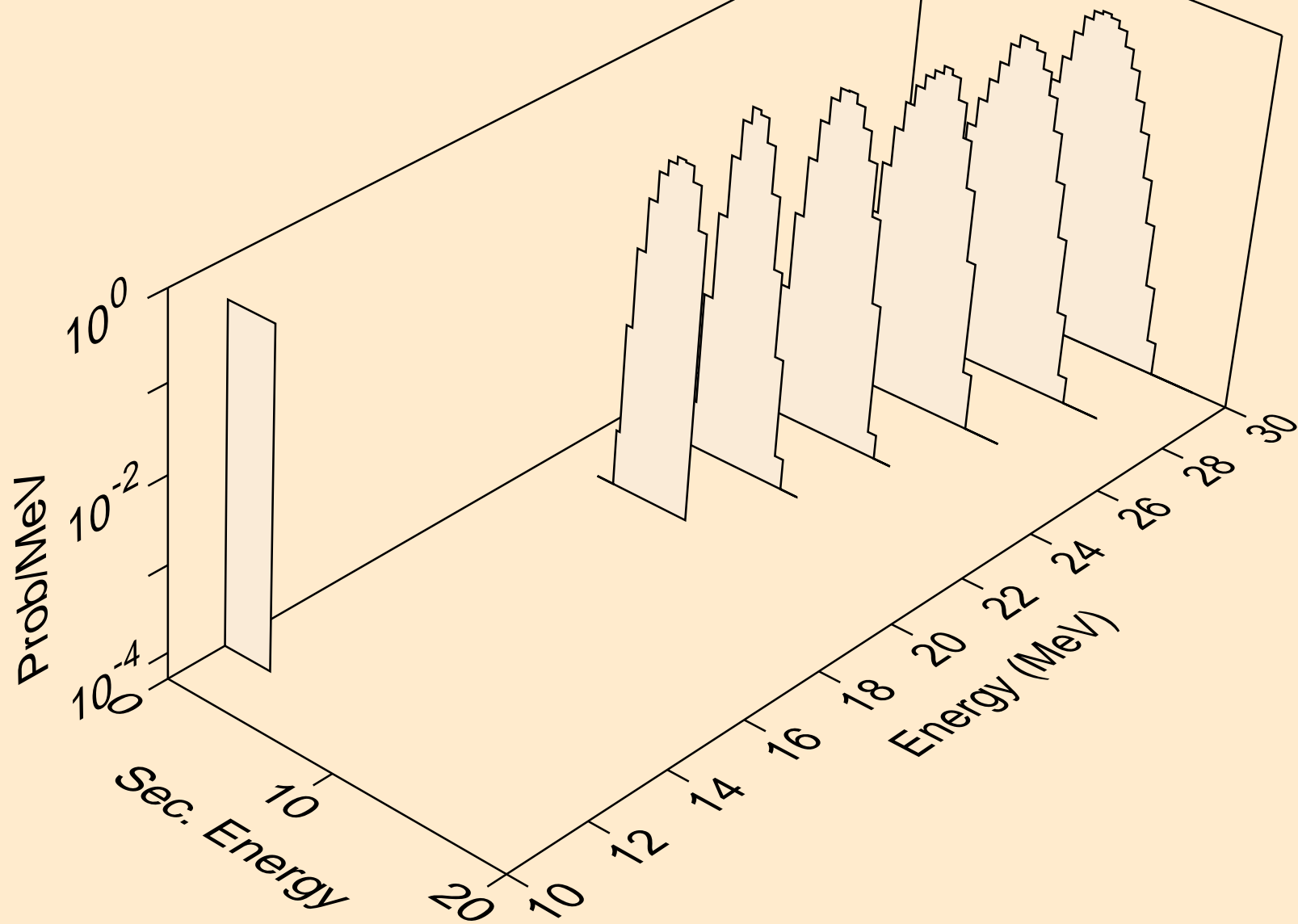
PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

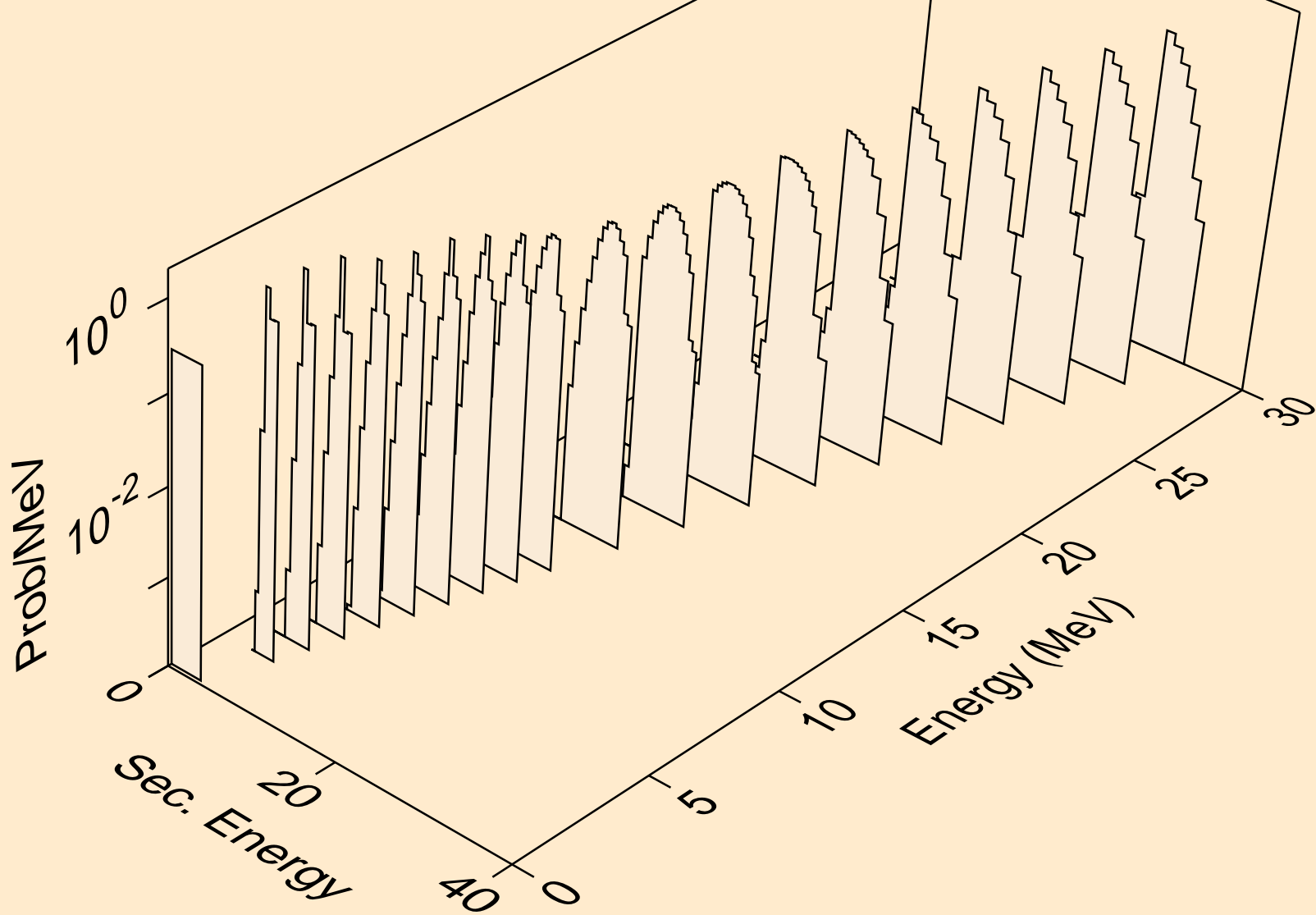


PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)





PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PD117 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

