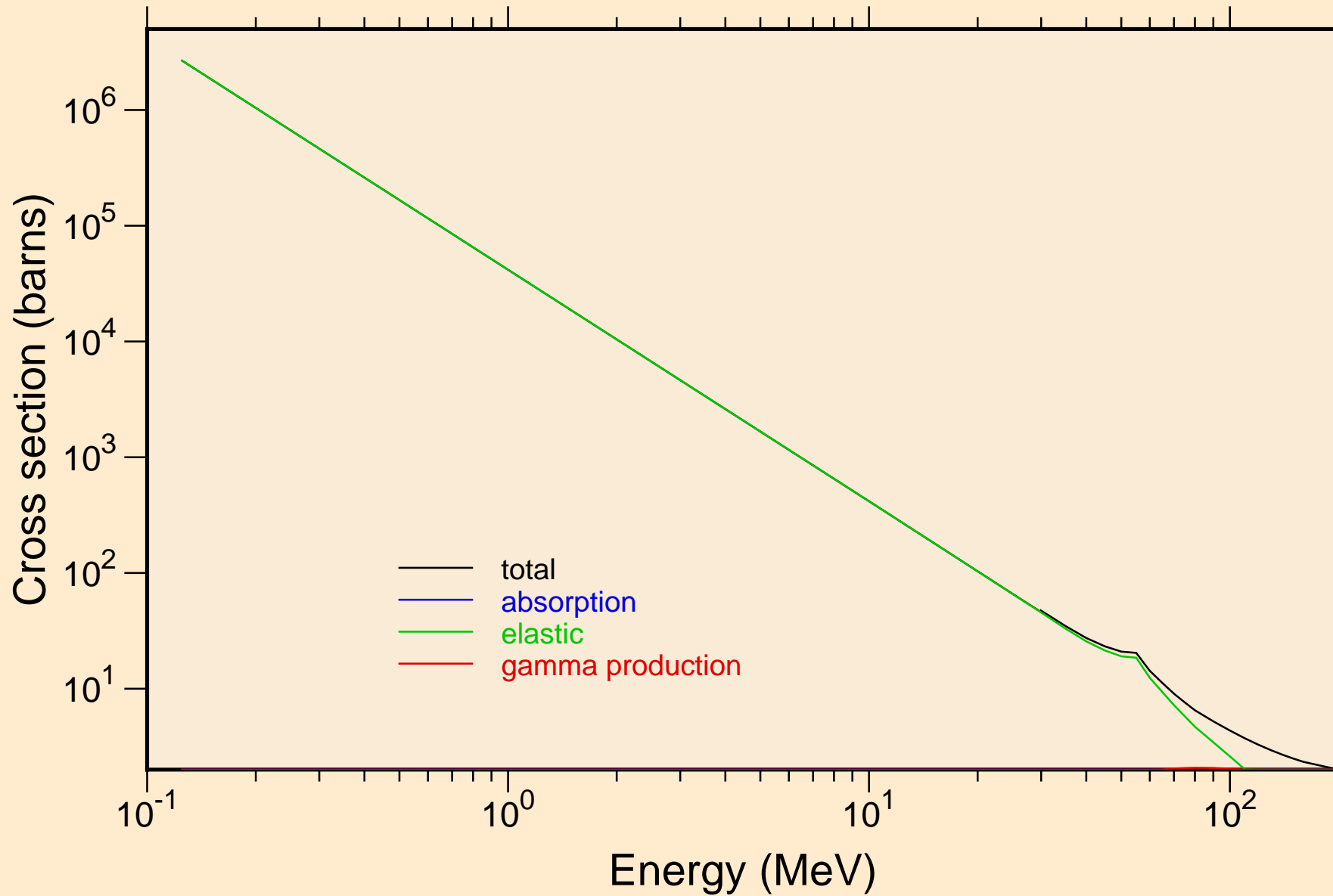
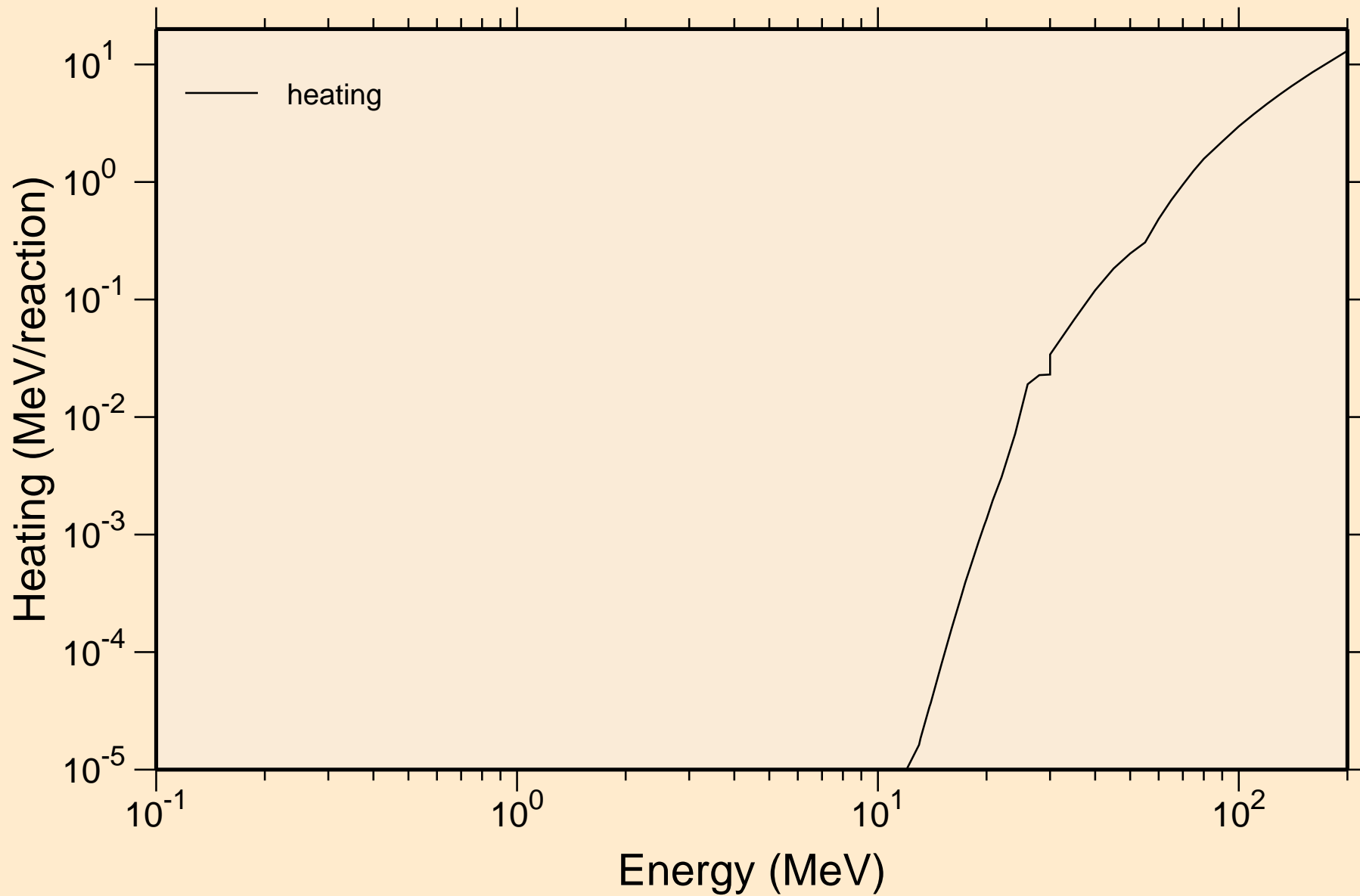


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

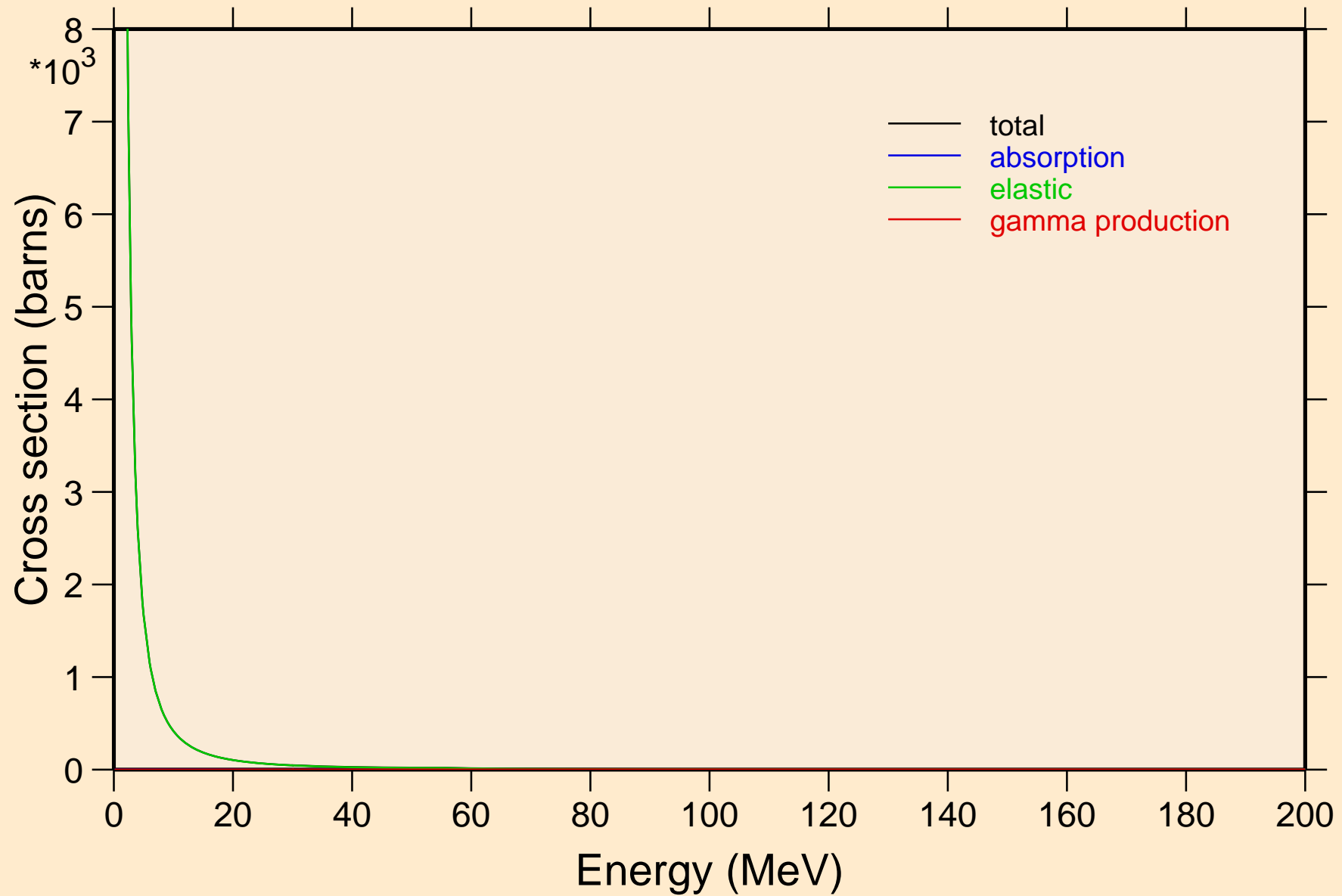


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



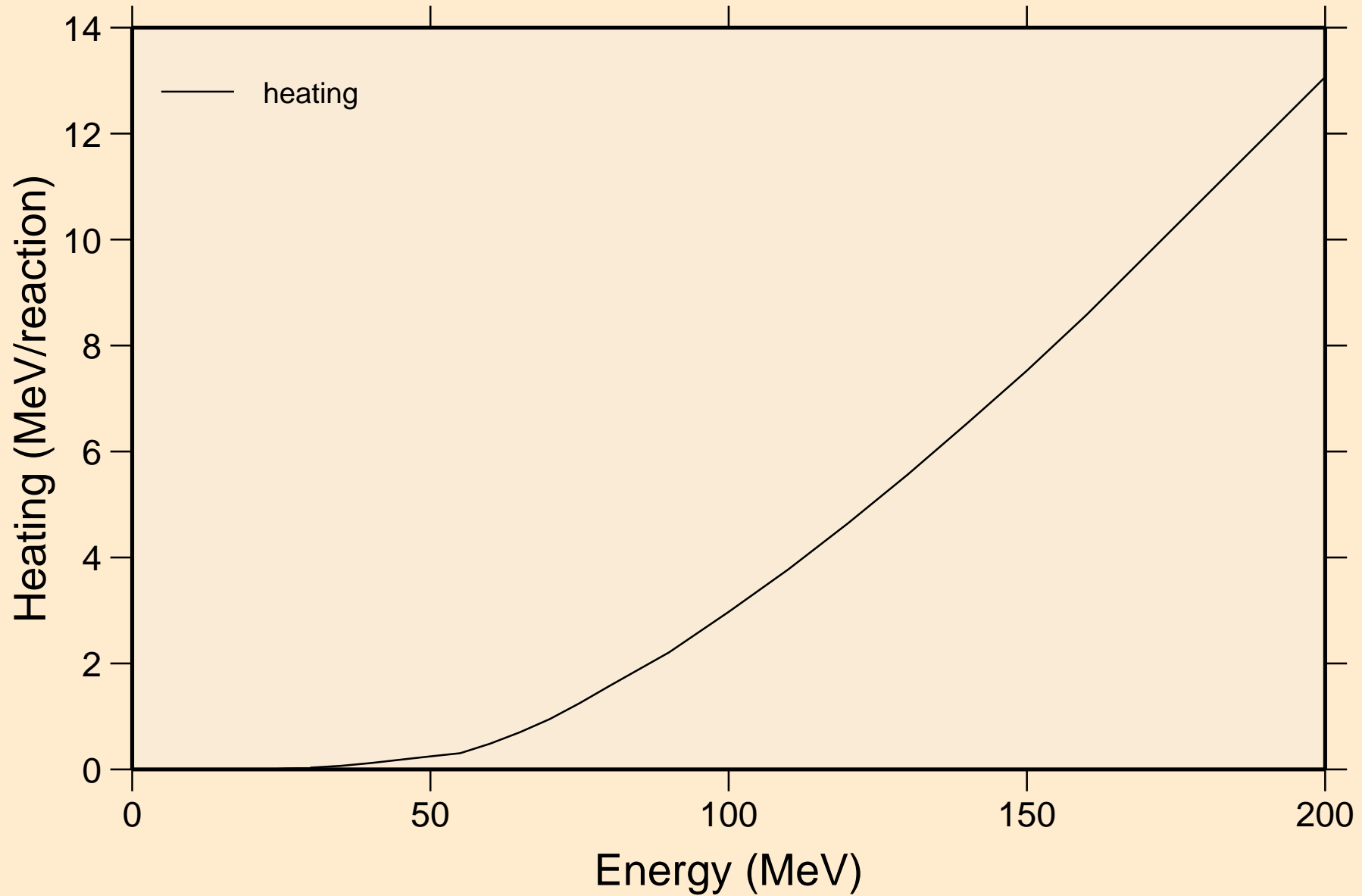
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## Principal cross sections



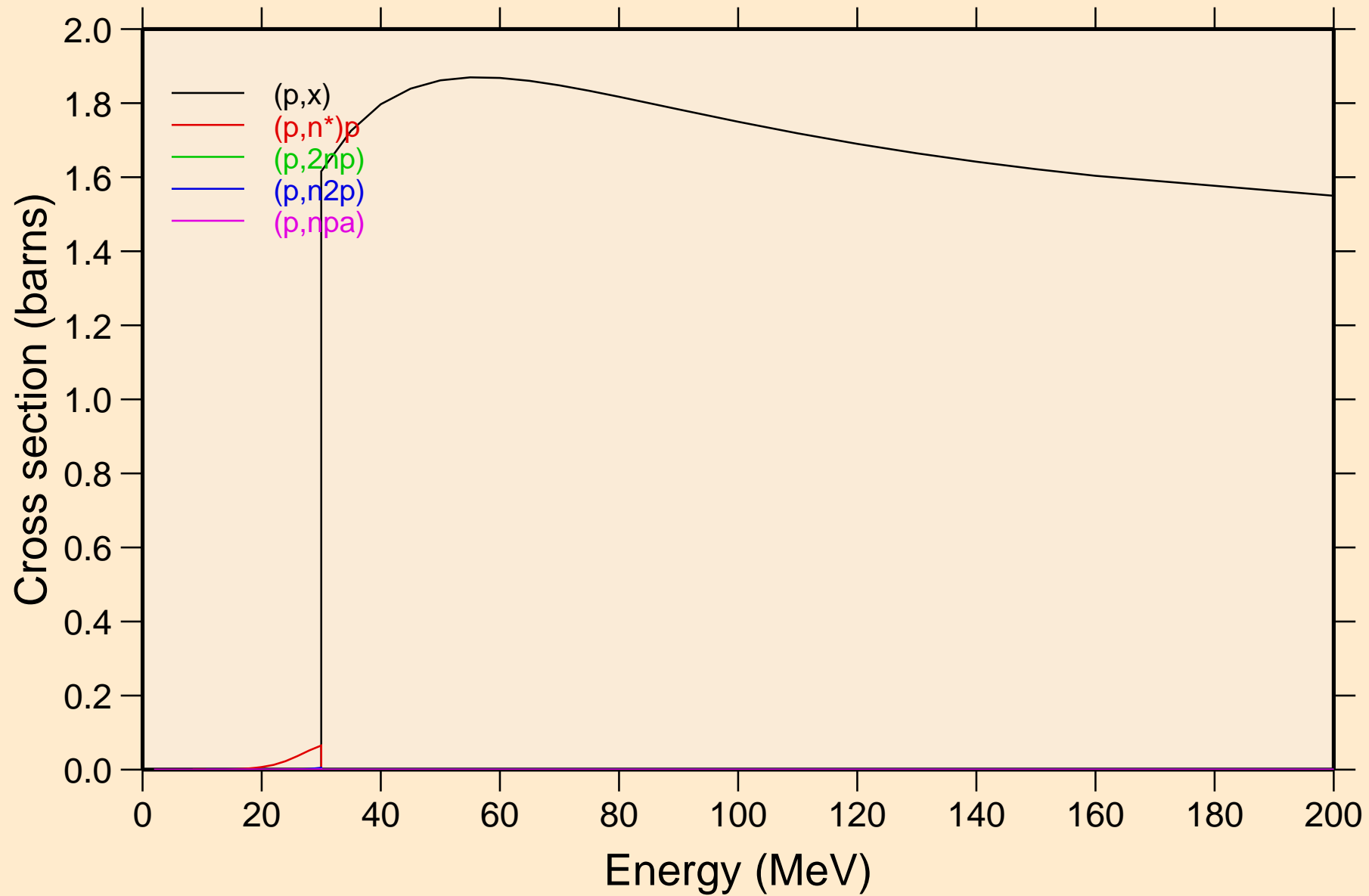
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Heating

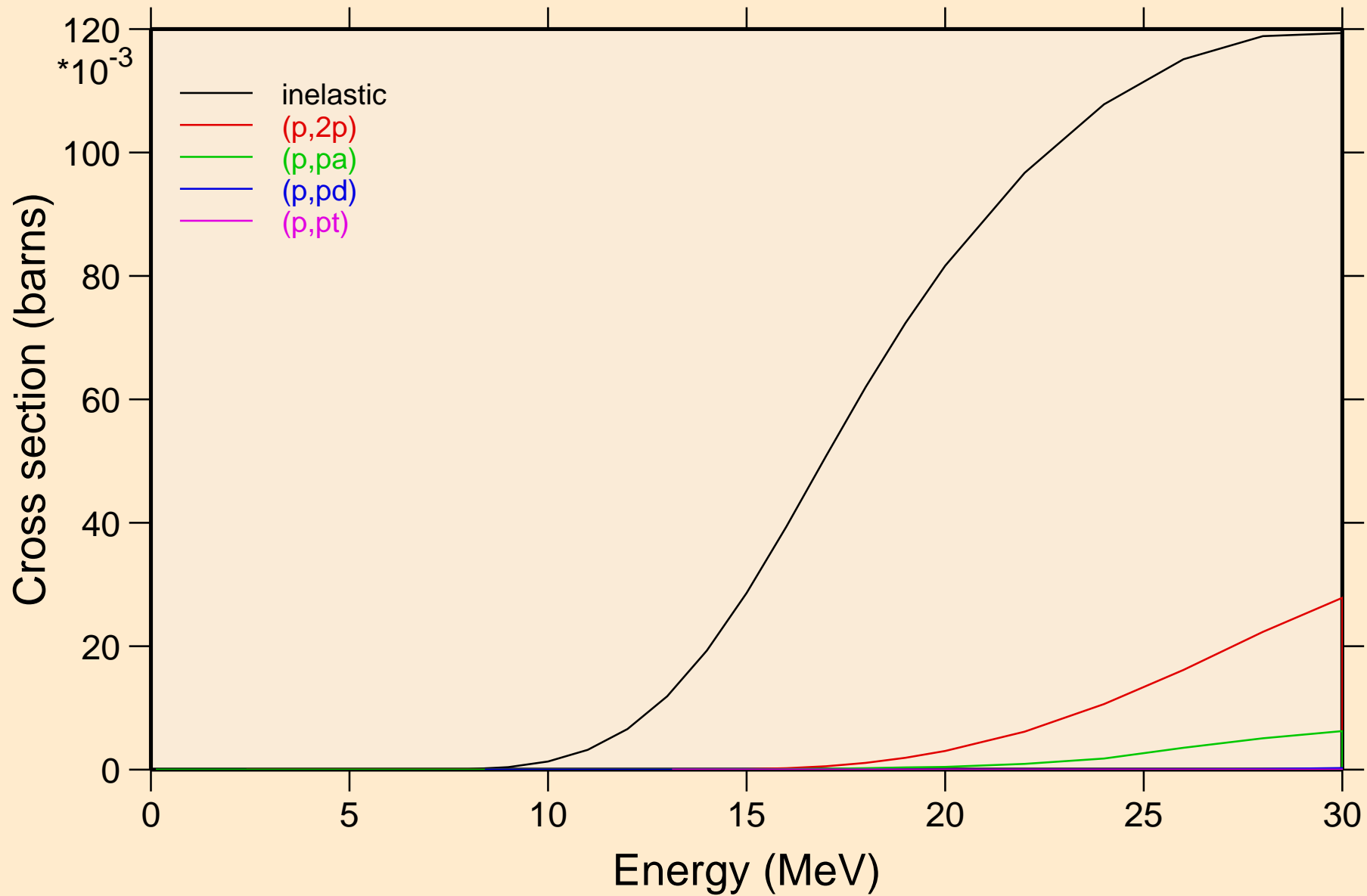


# PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K

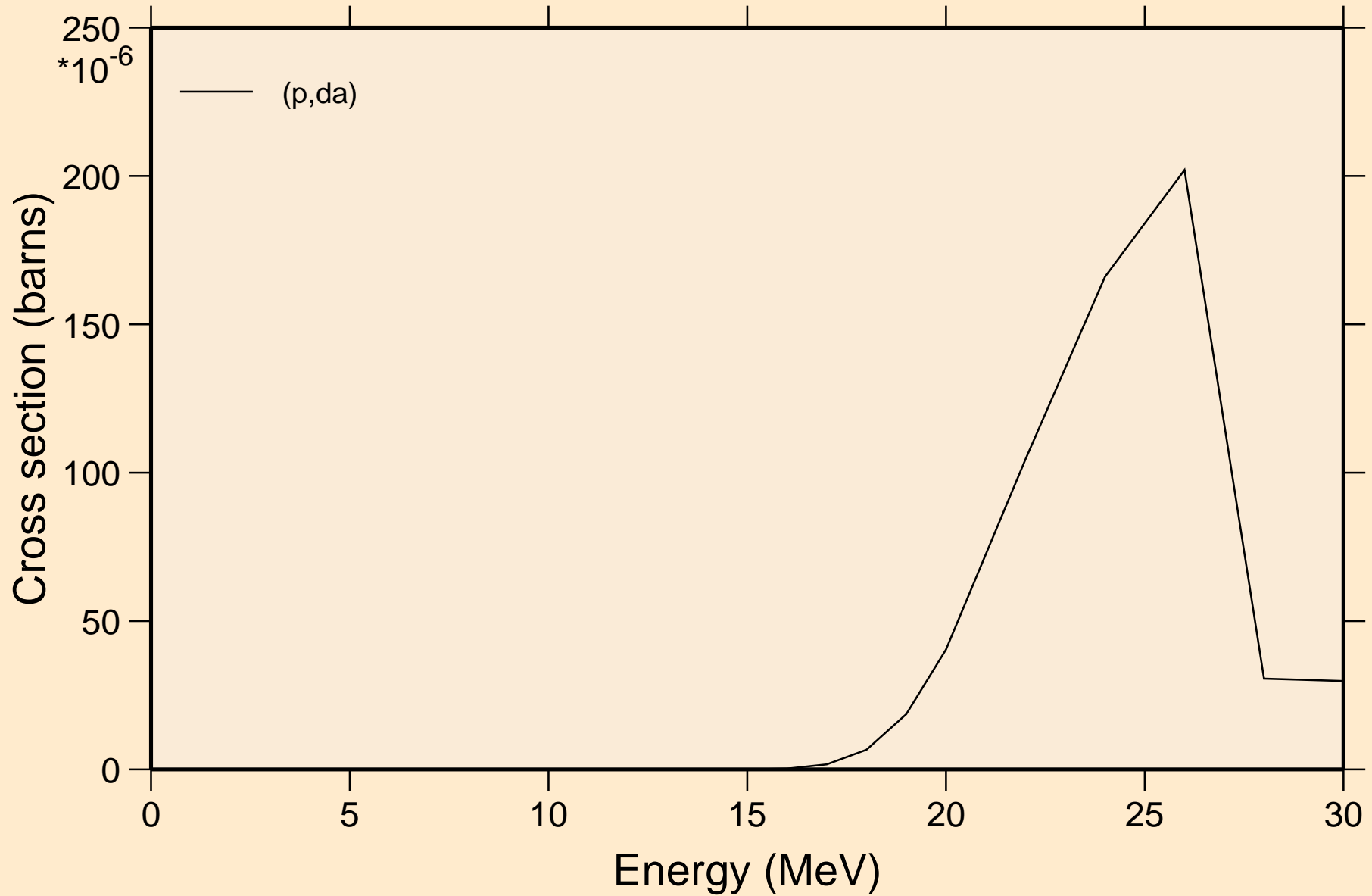
## Threshold reactions



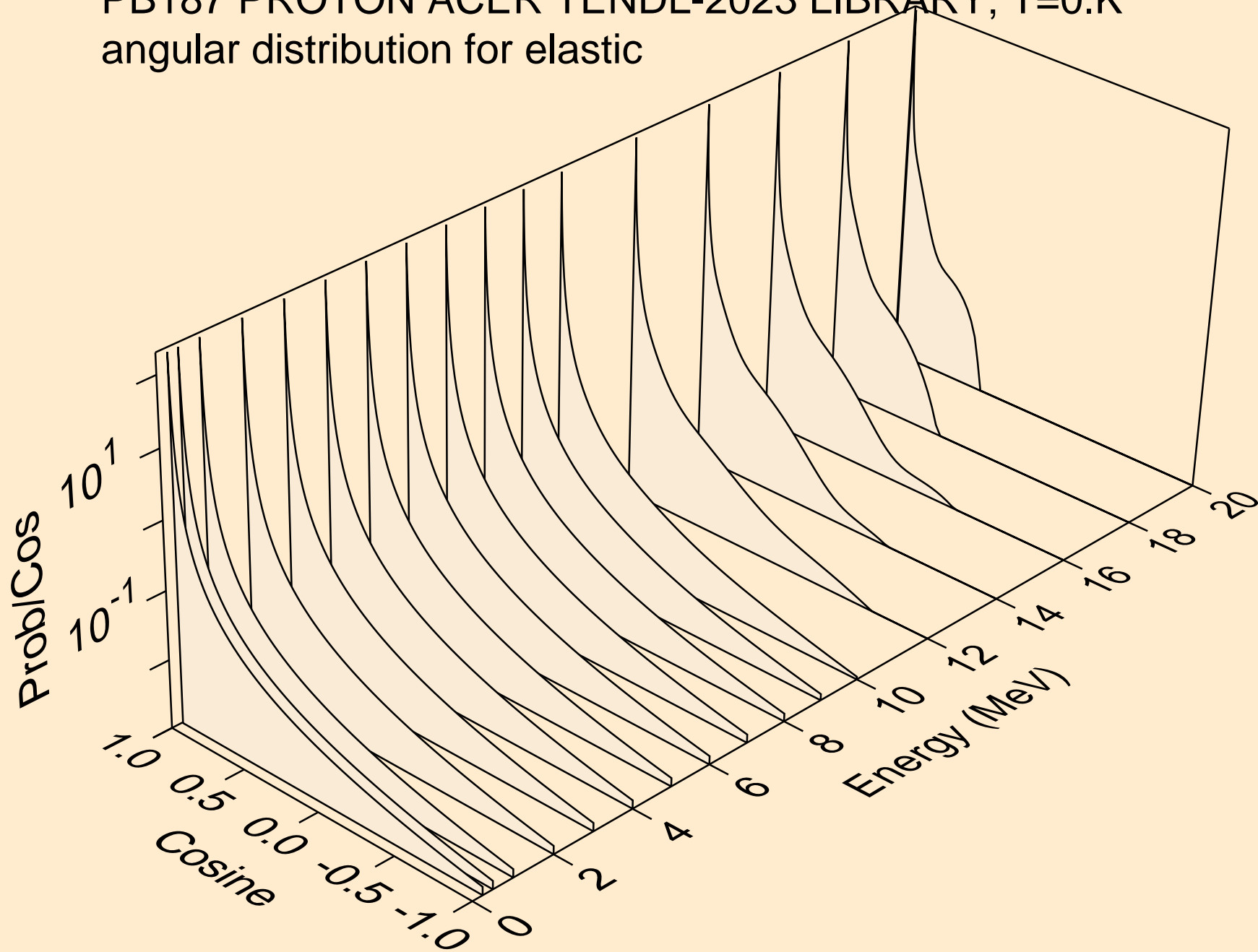
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

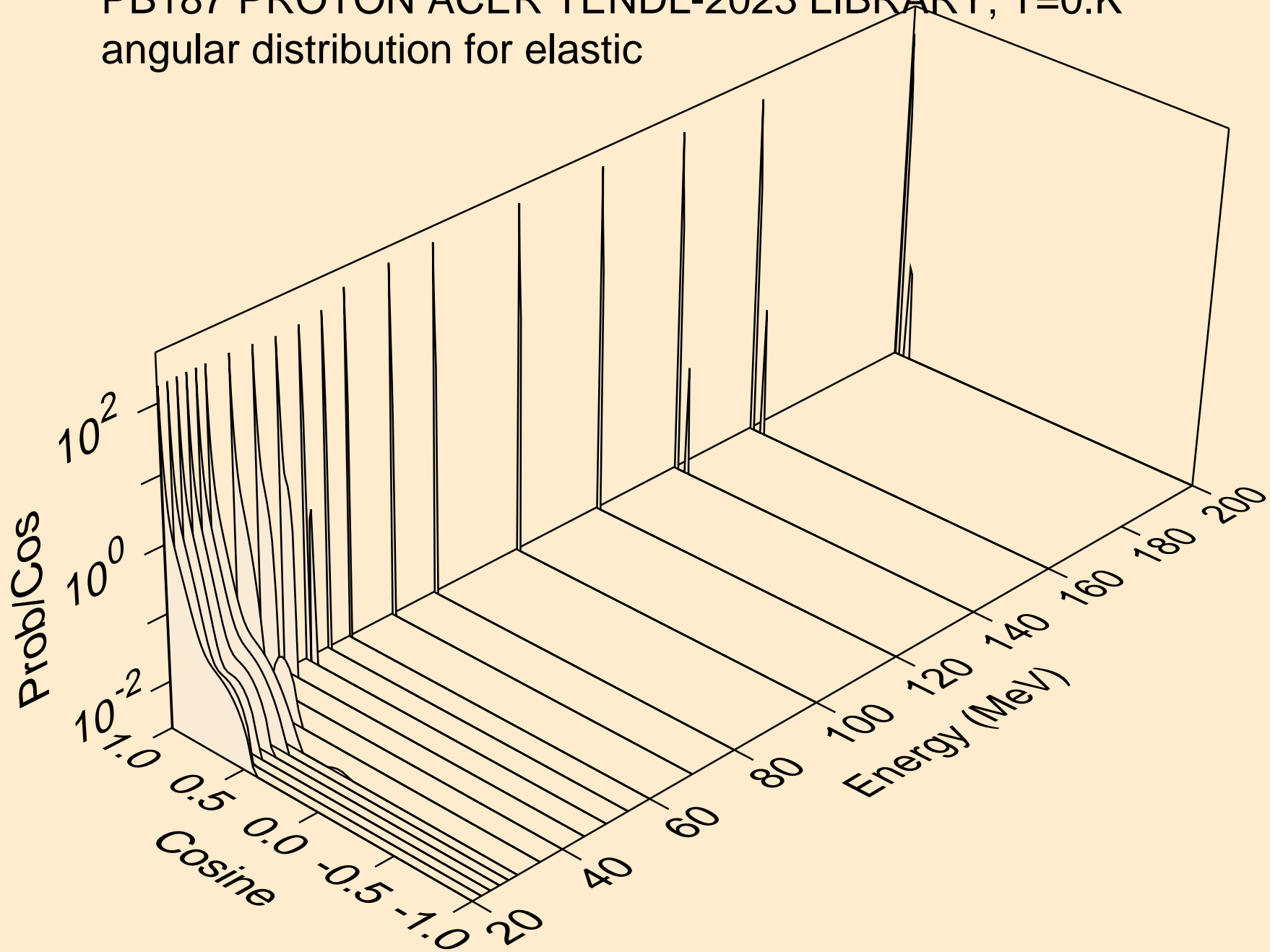


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

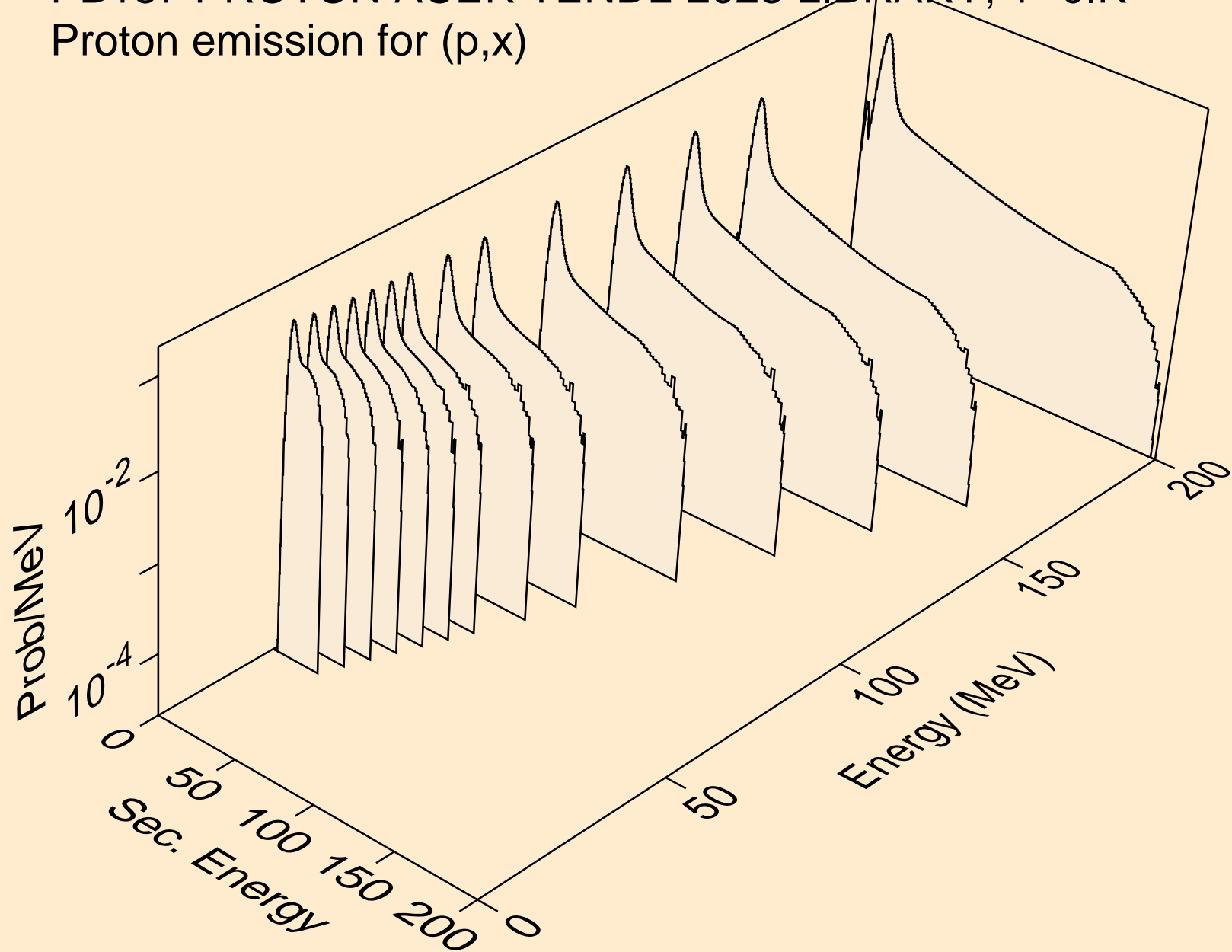




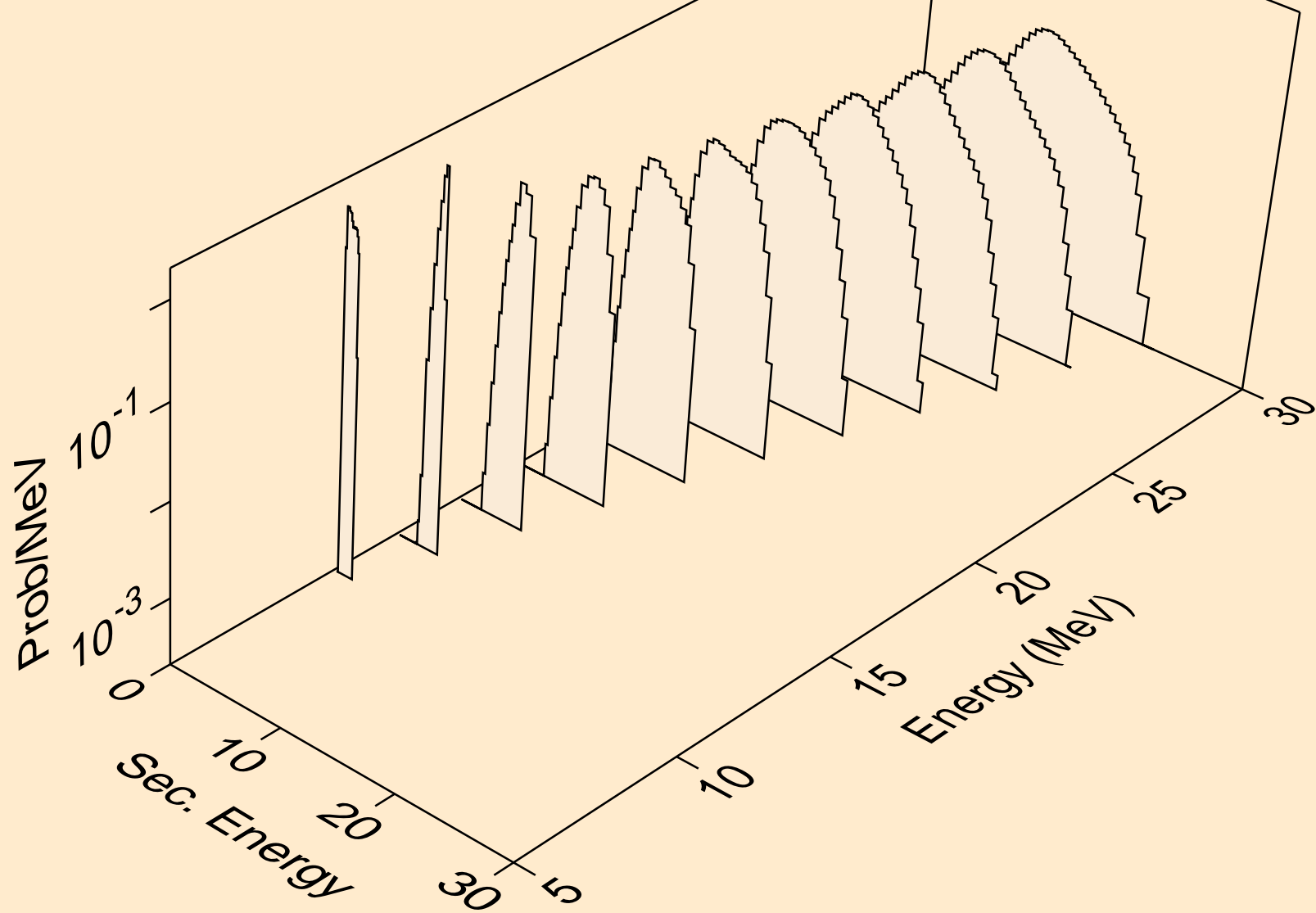
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



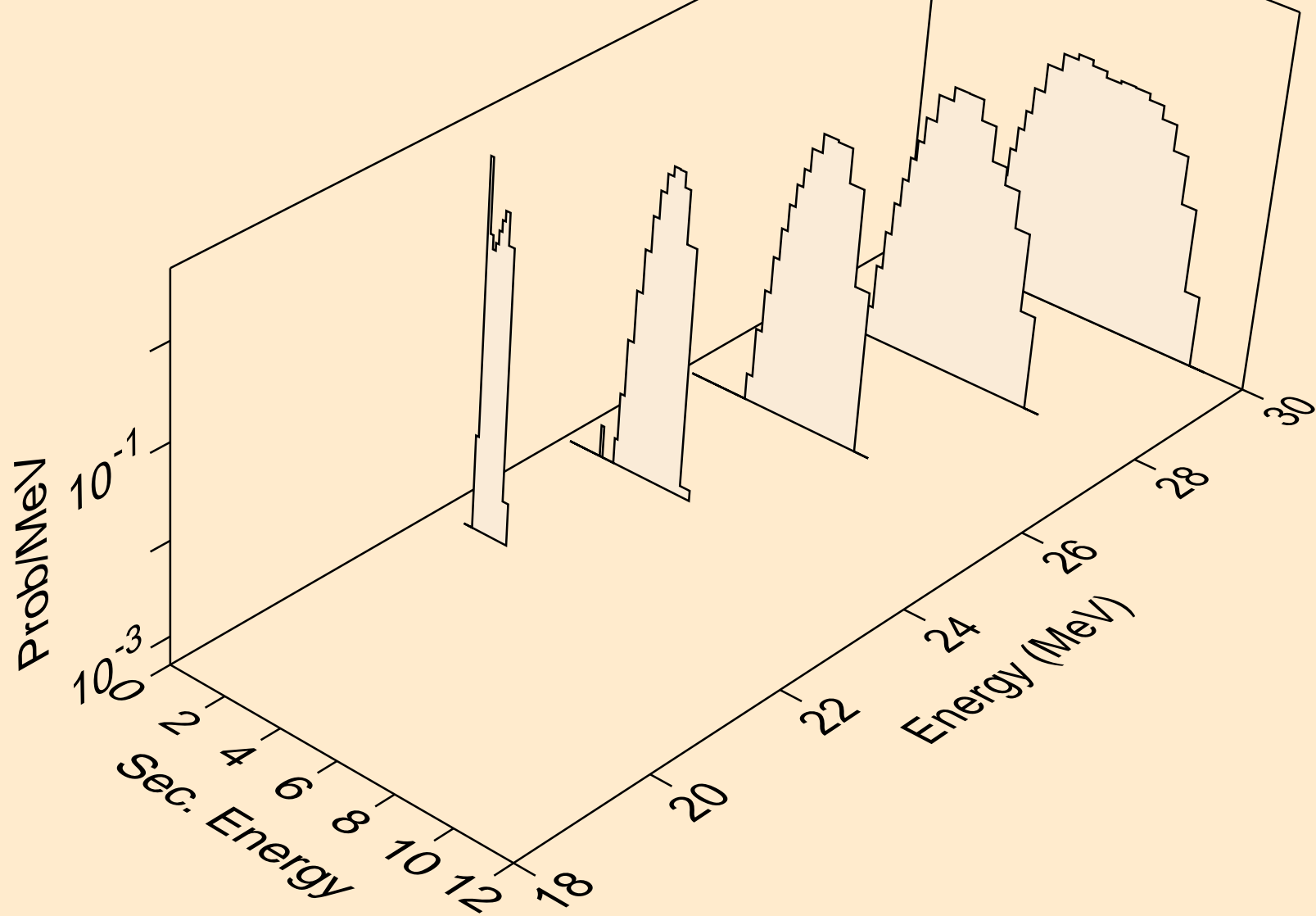
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



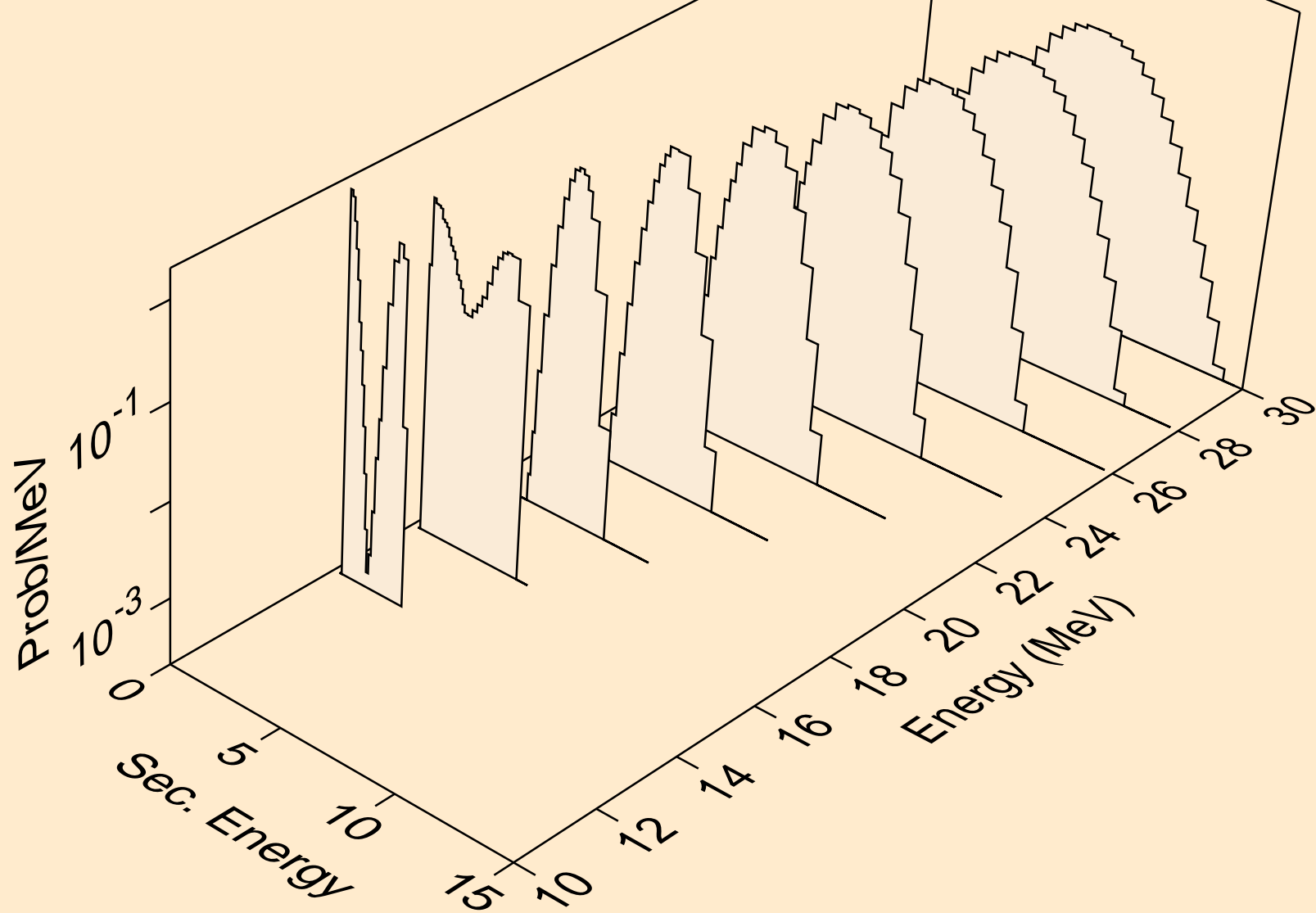
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



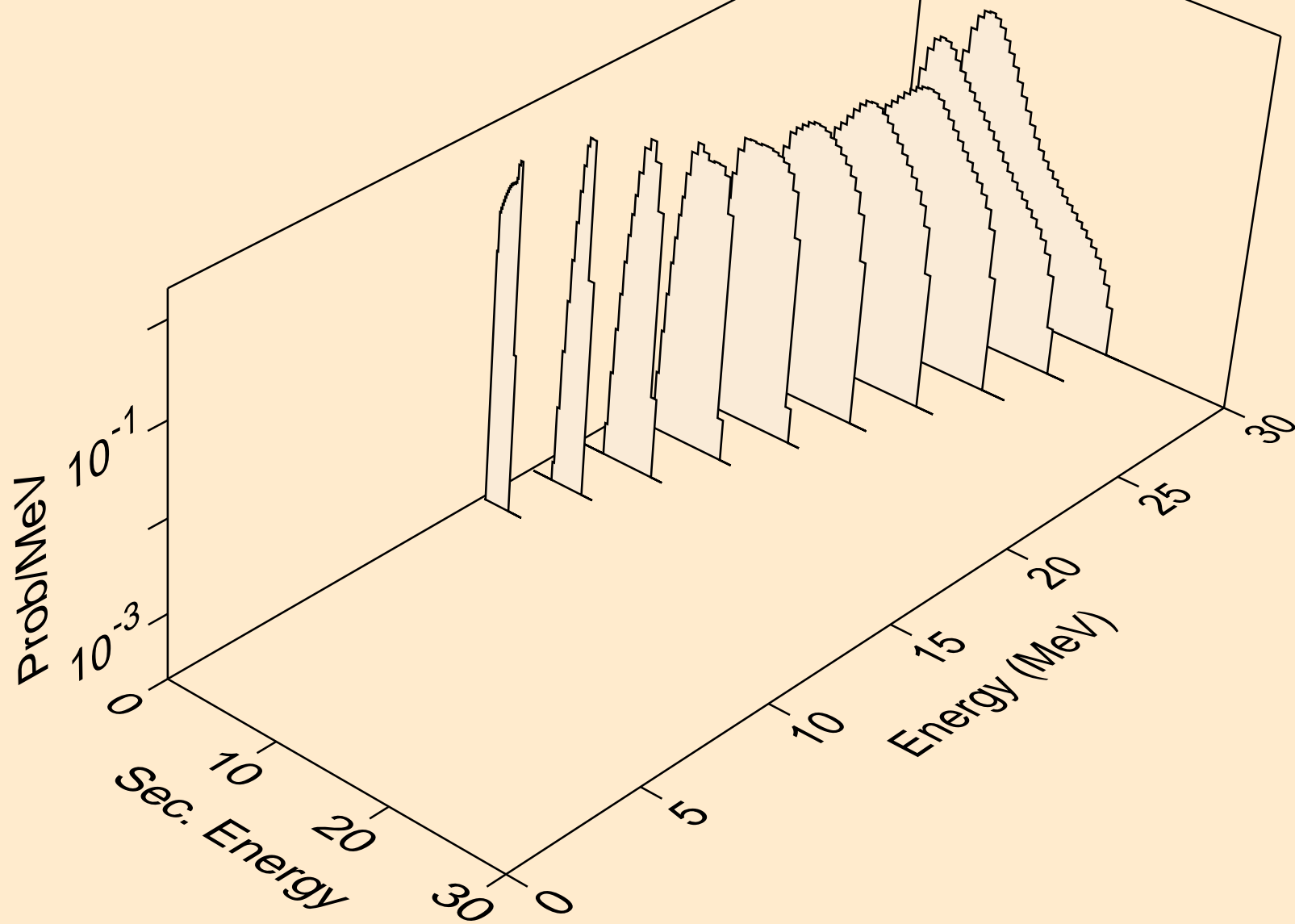
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



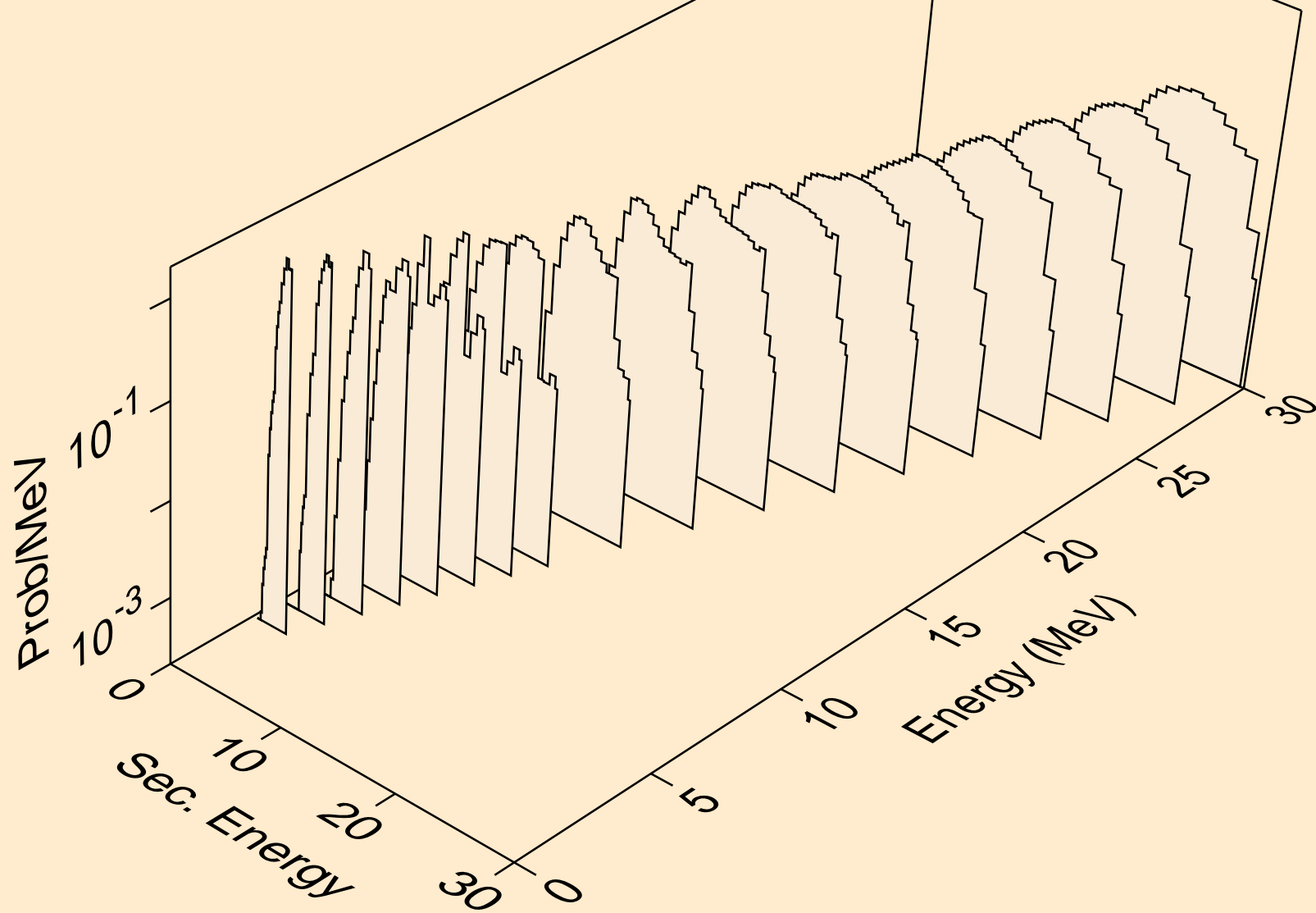
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



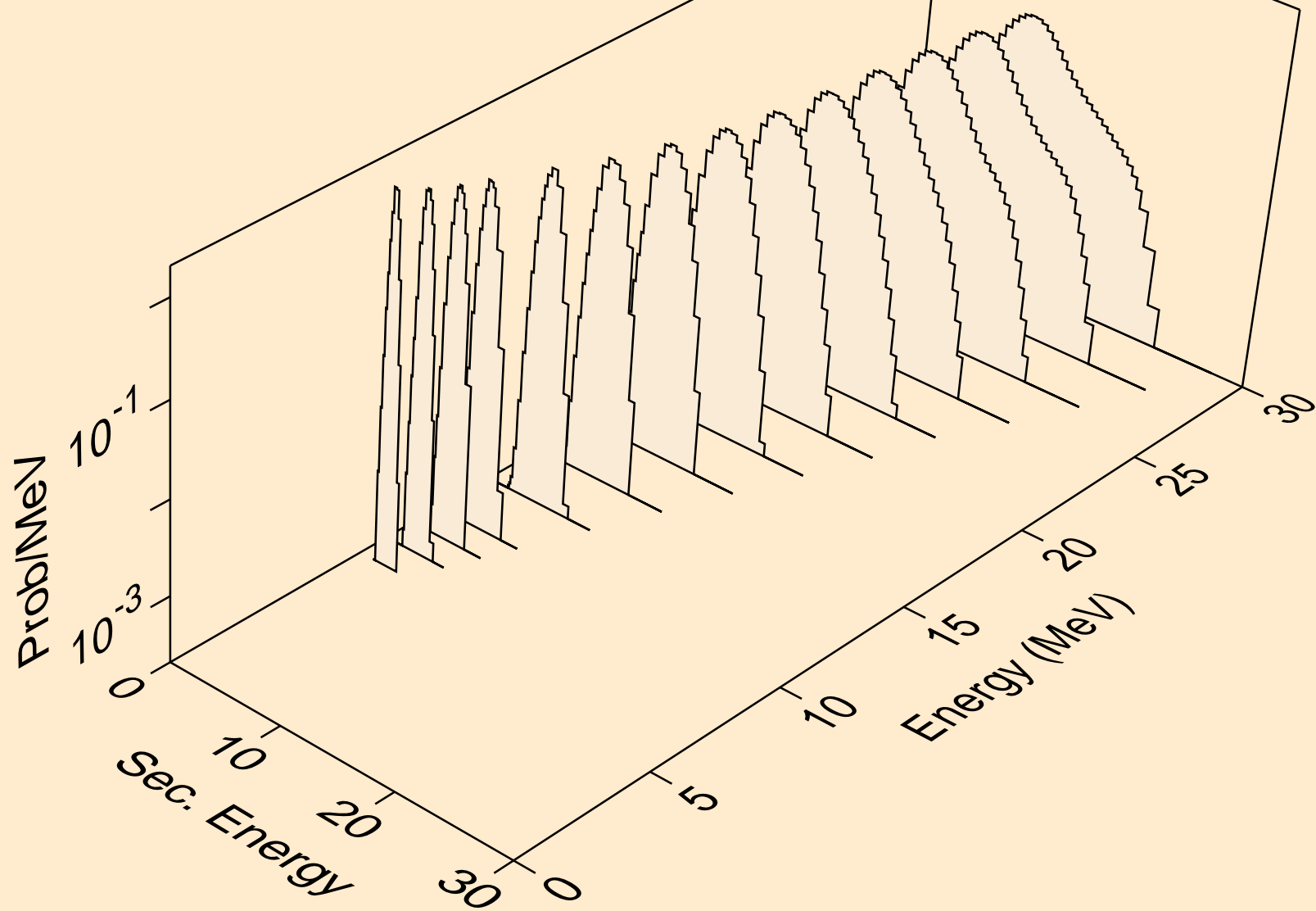
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

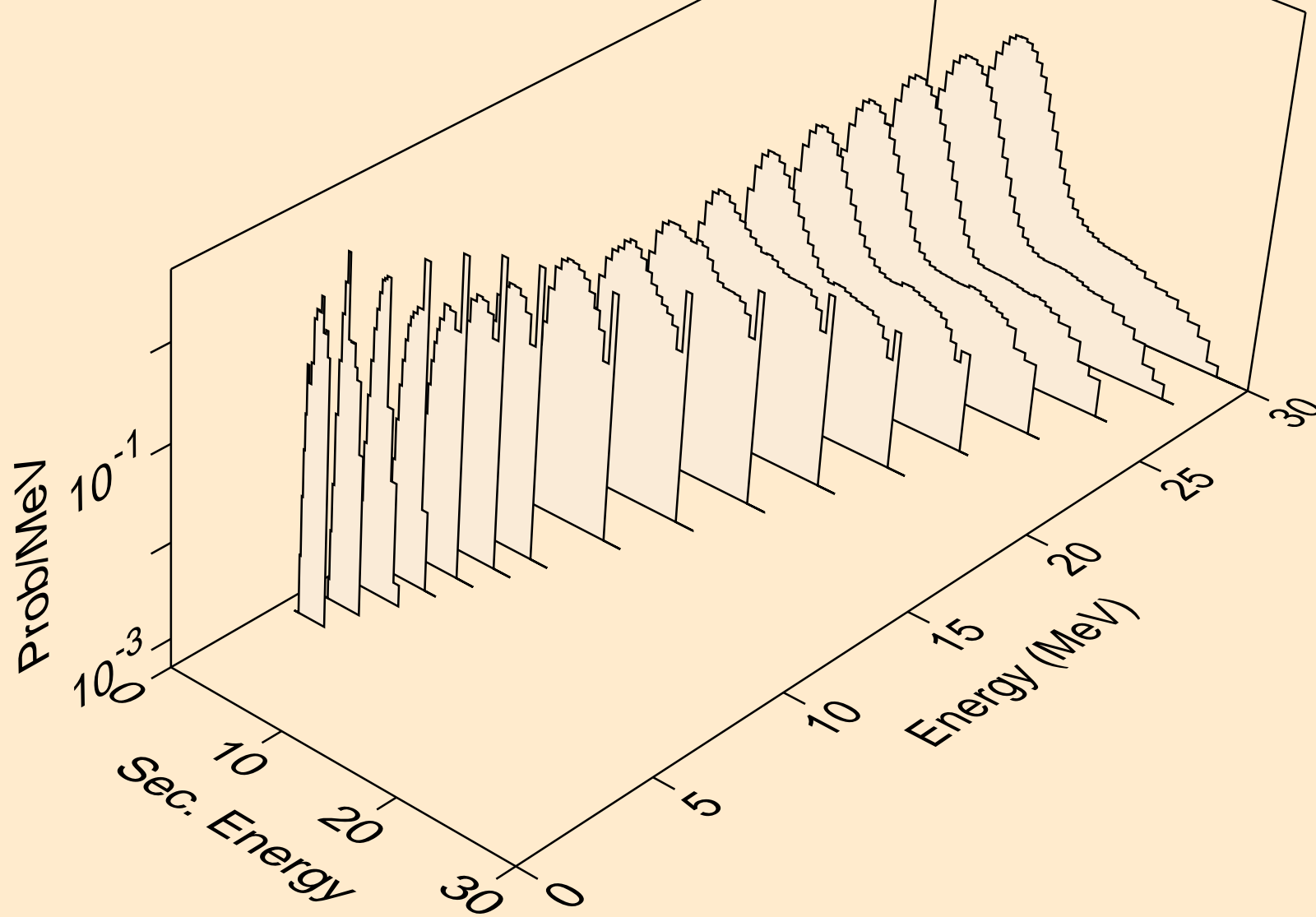


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Proton emission for (p,2p)

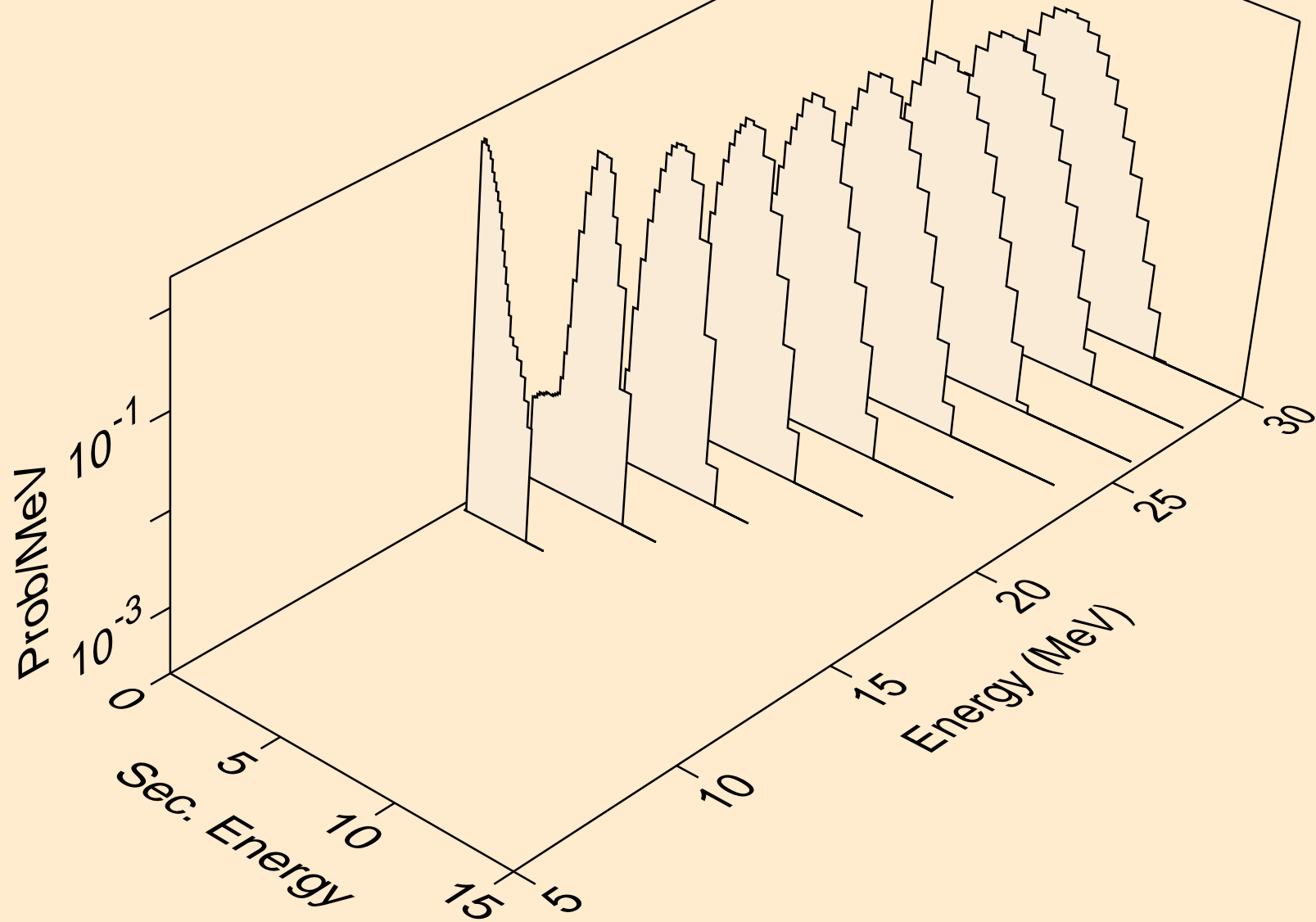




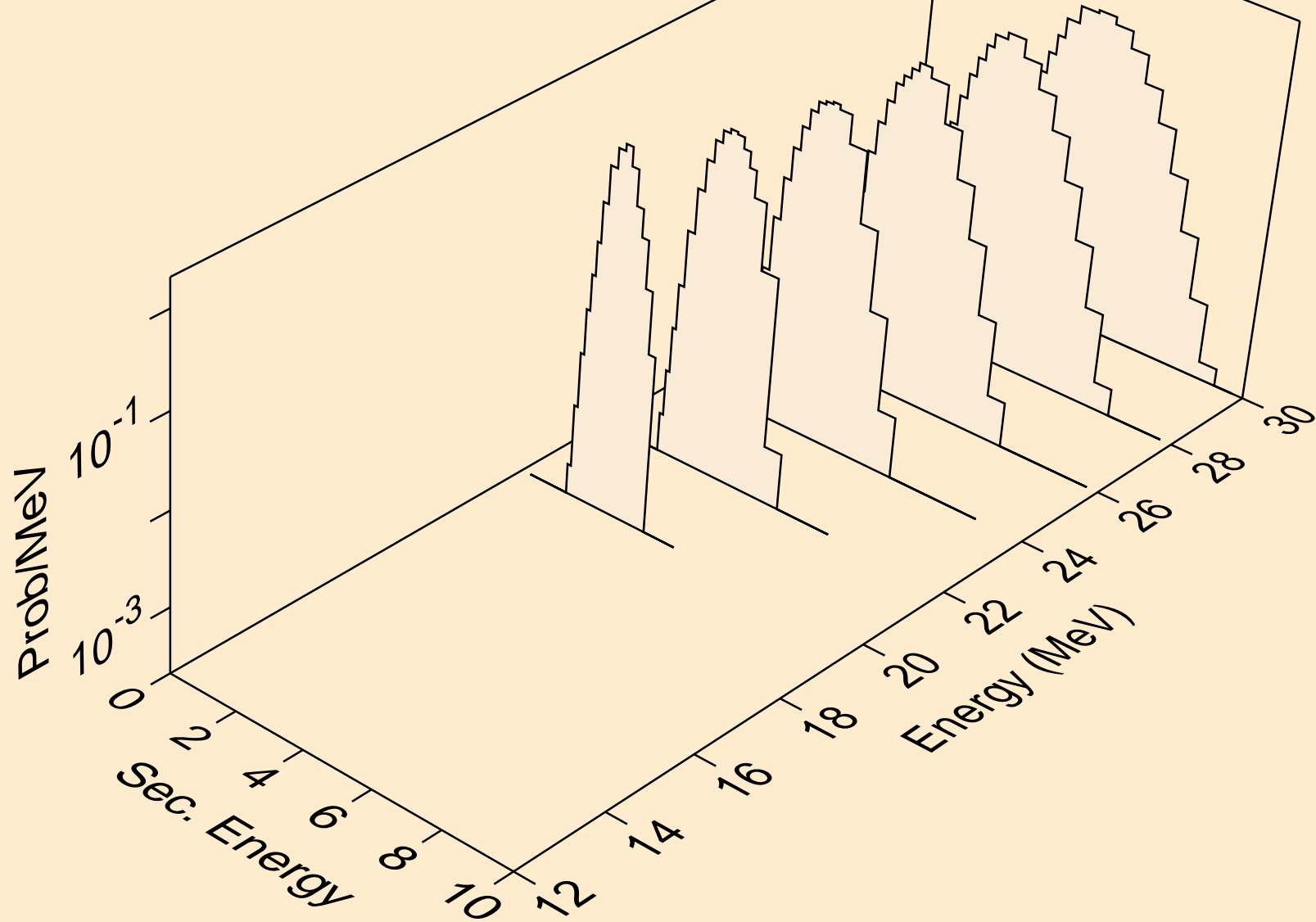
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Proton emission for (p,pa)



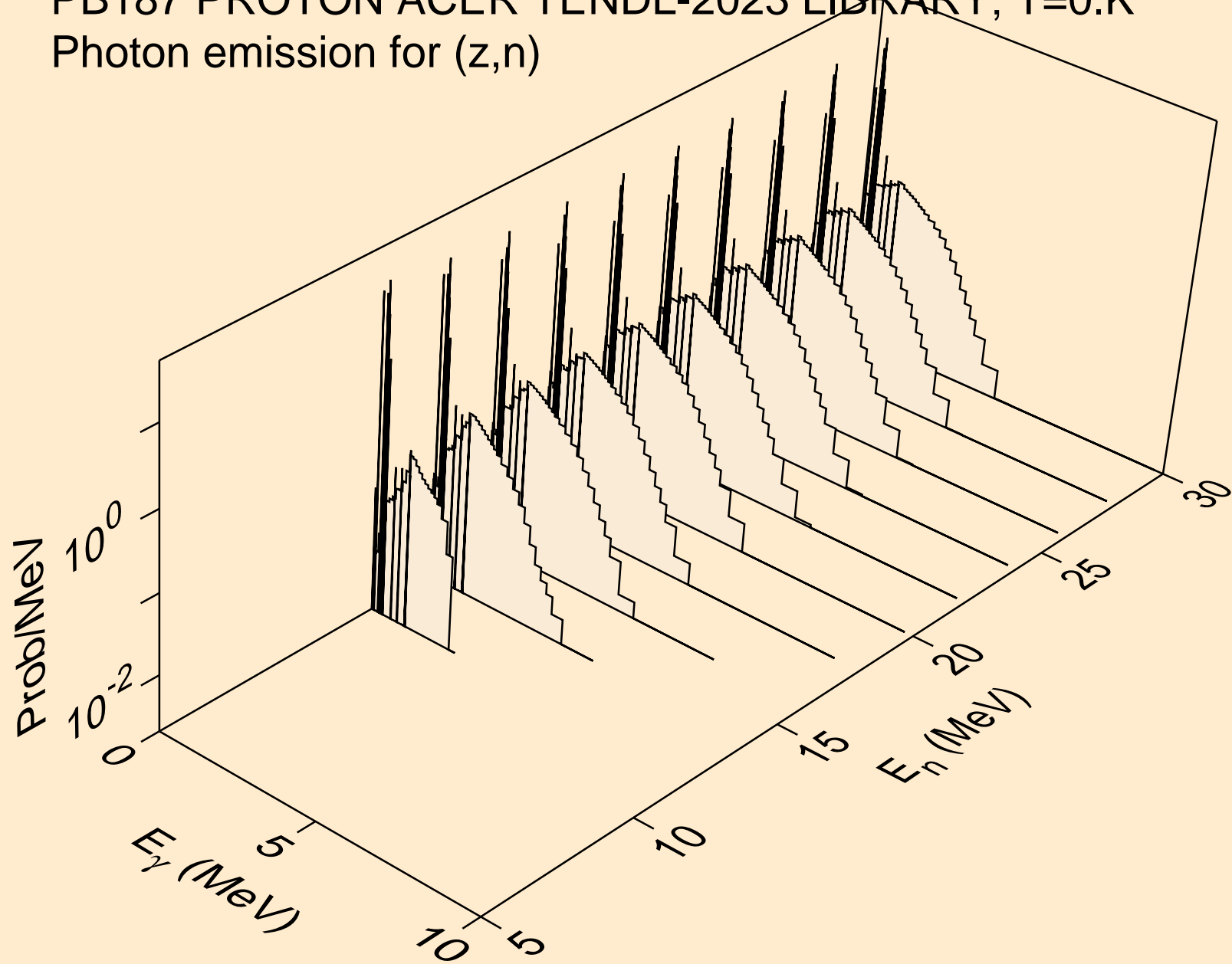
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



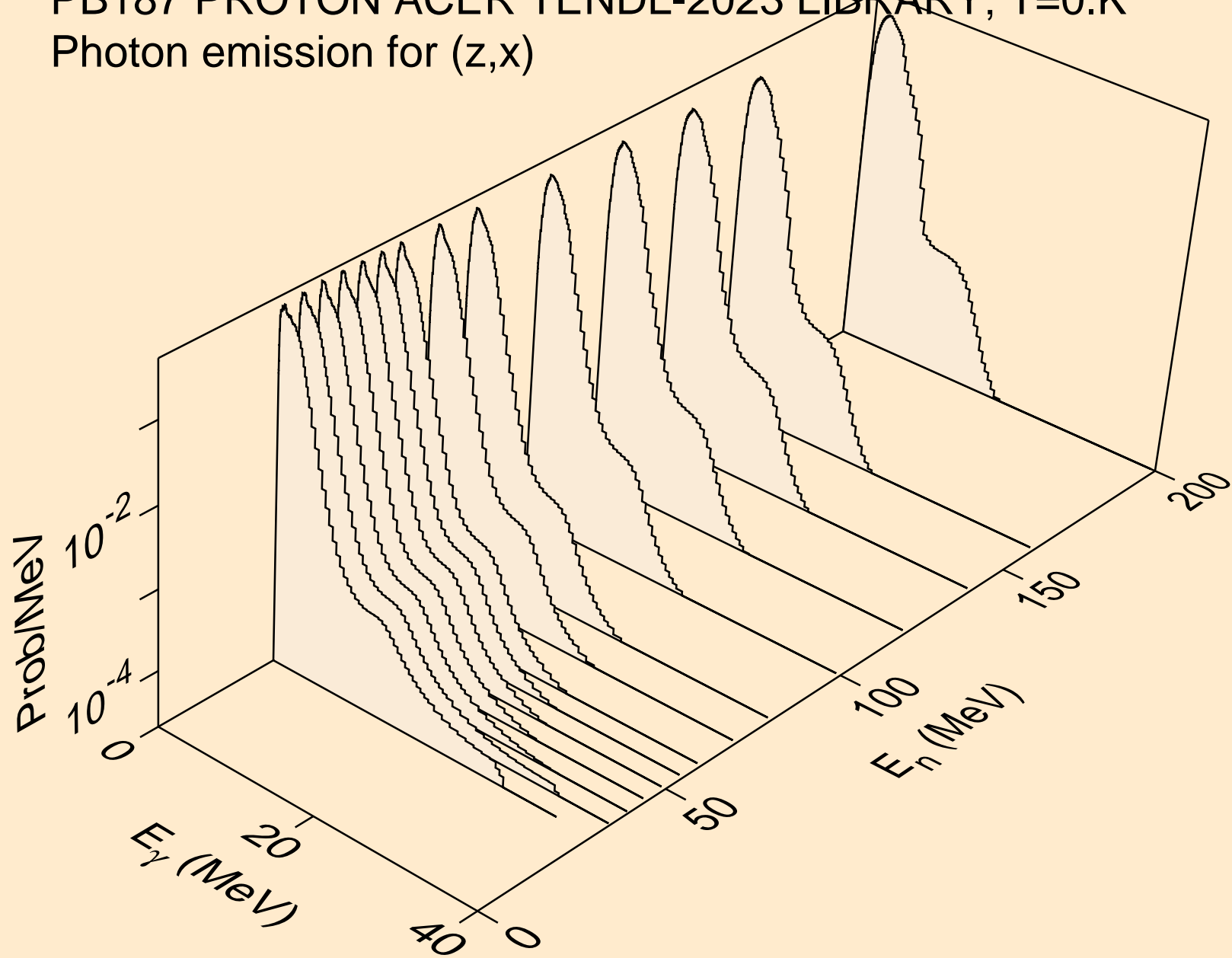
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



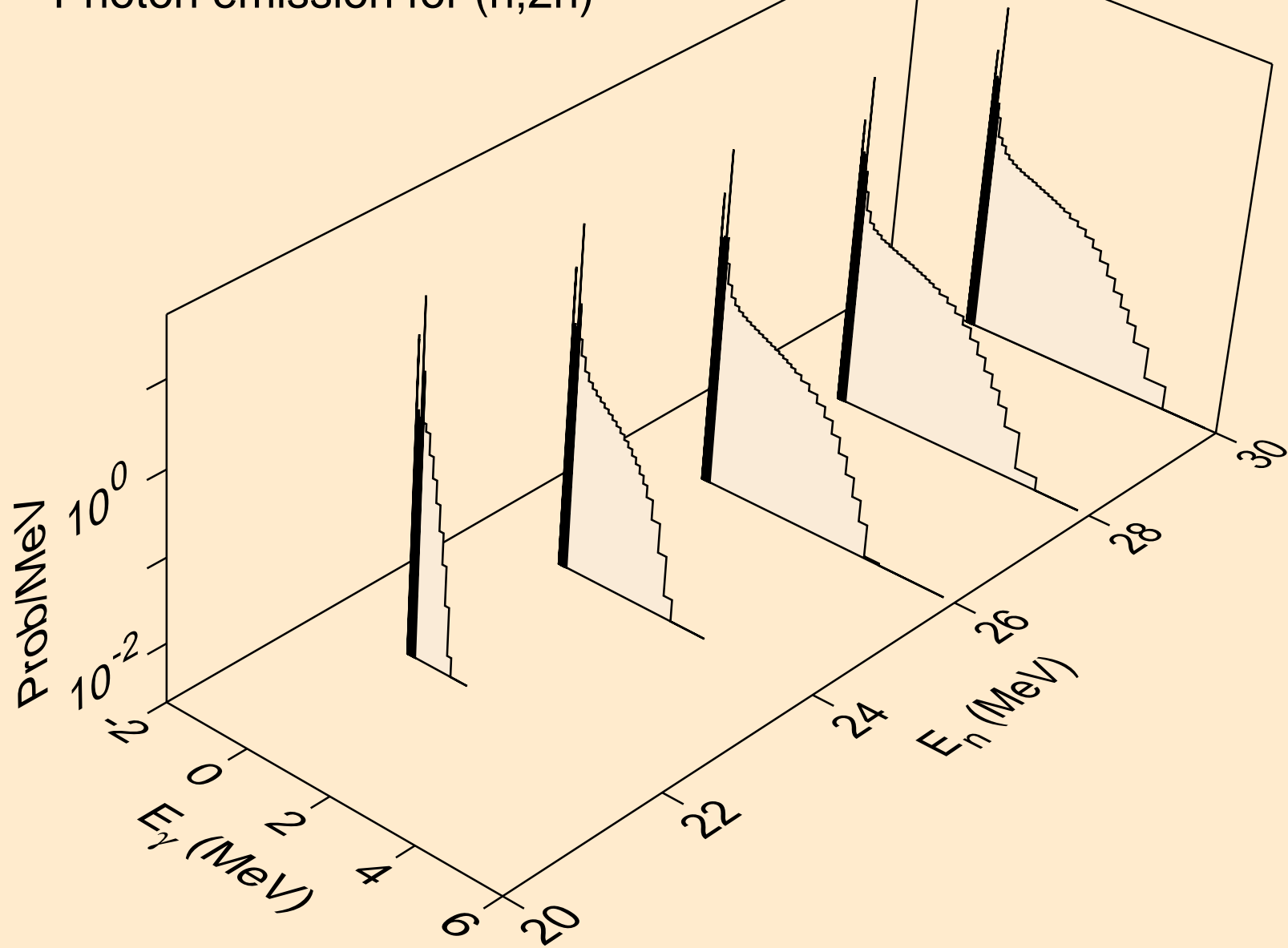
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



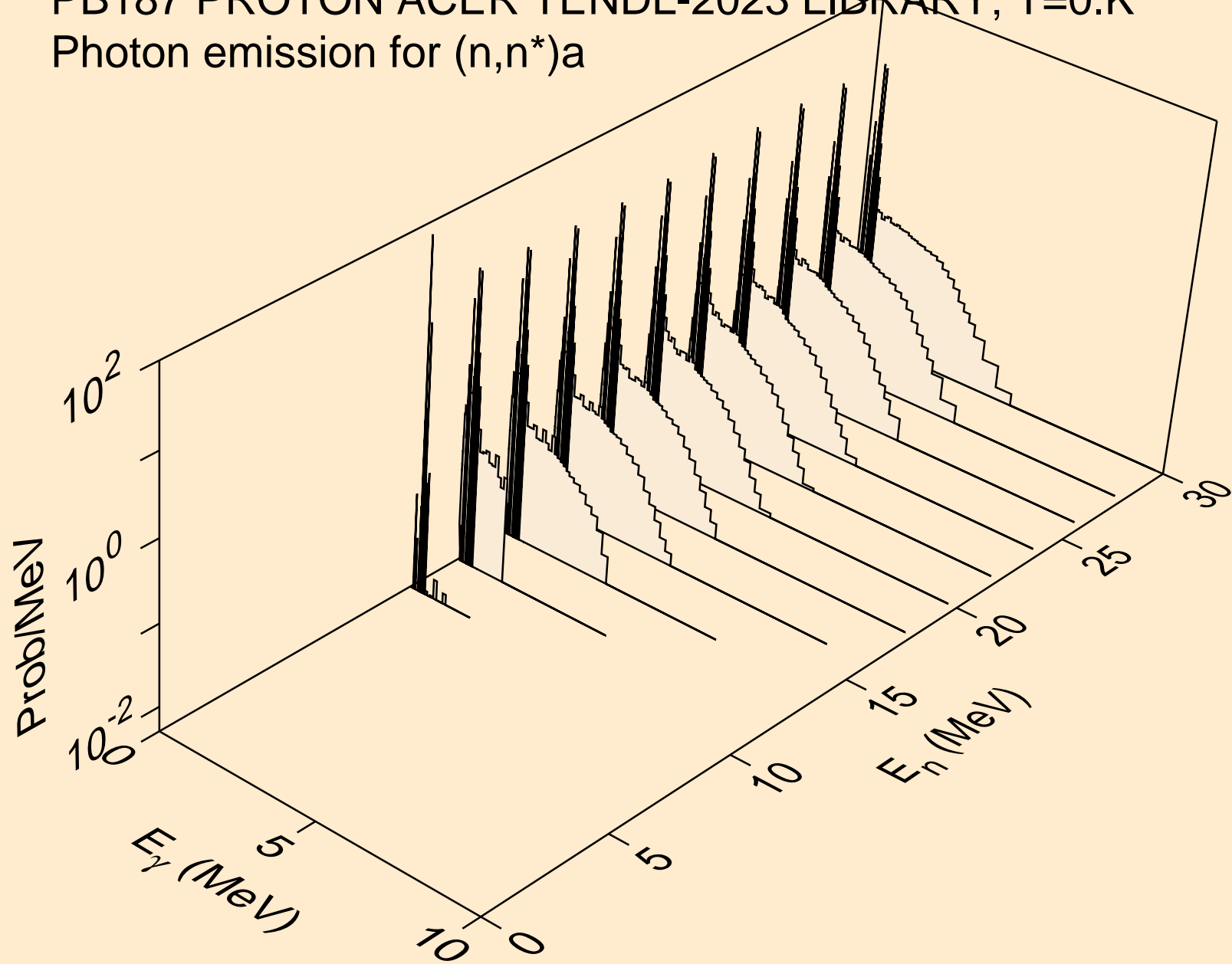
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



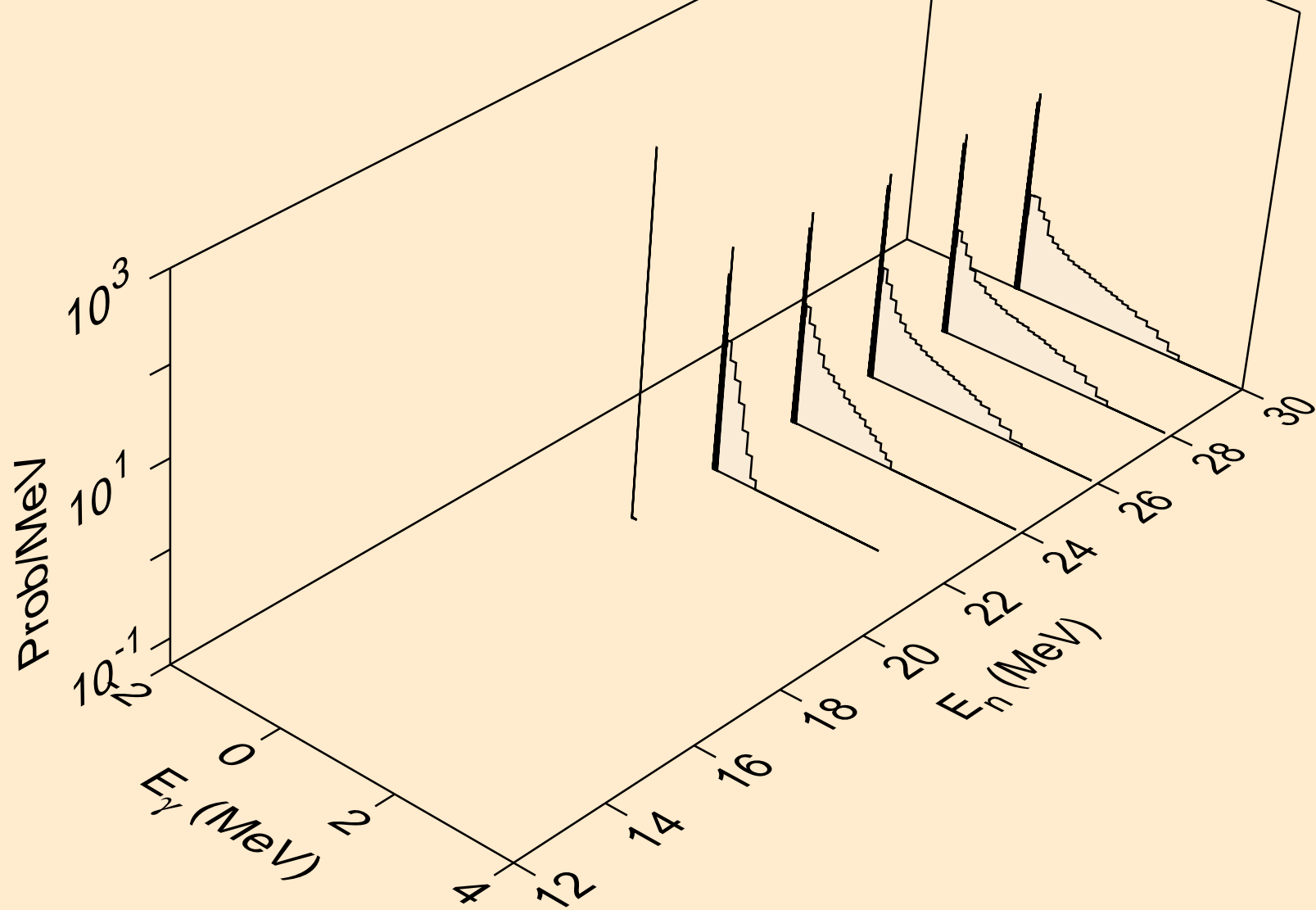
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

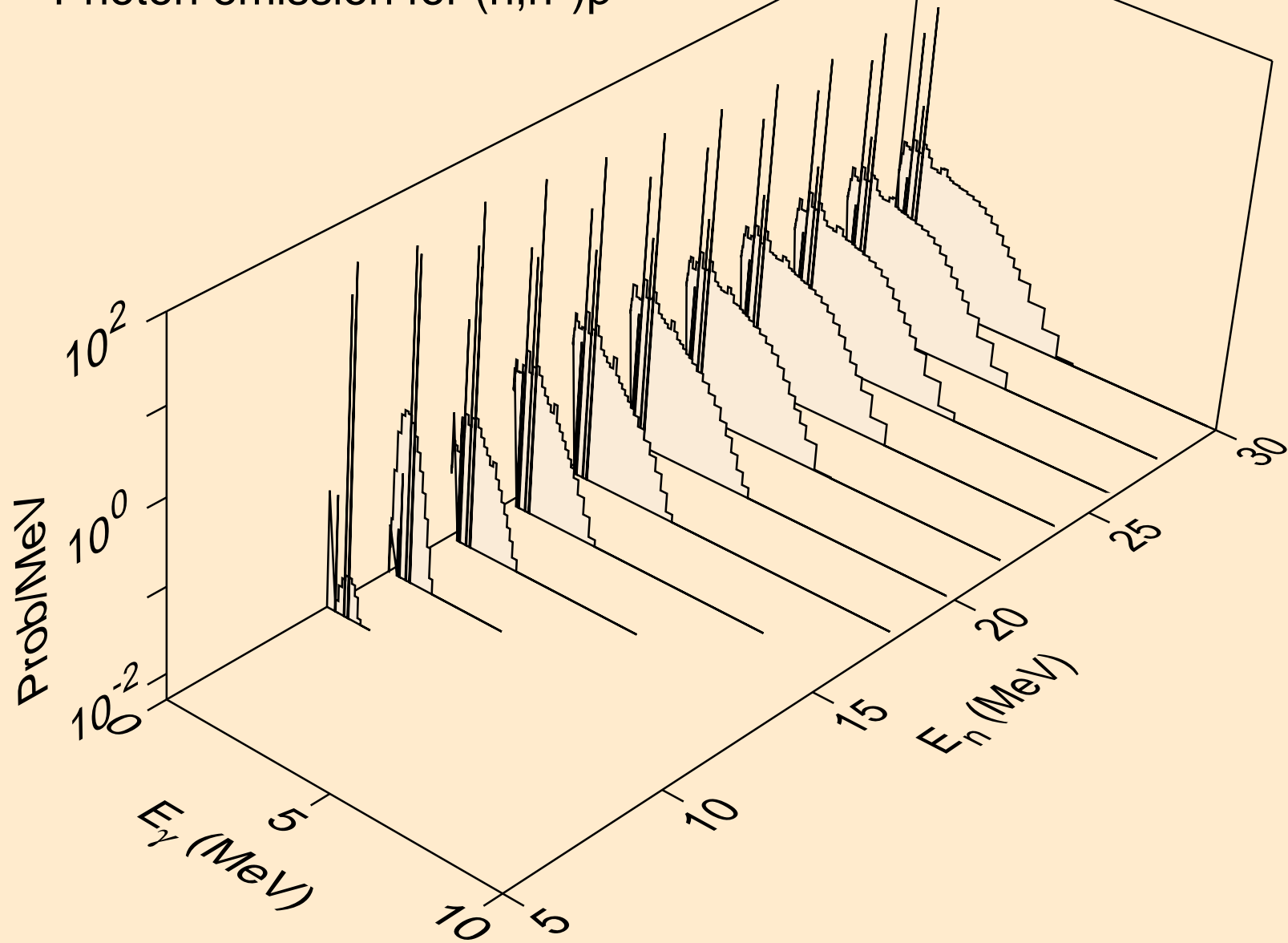


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

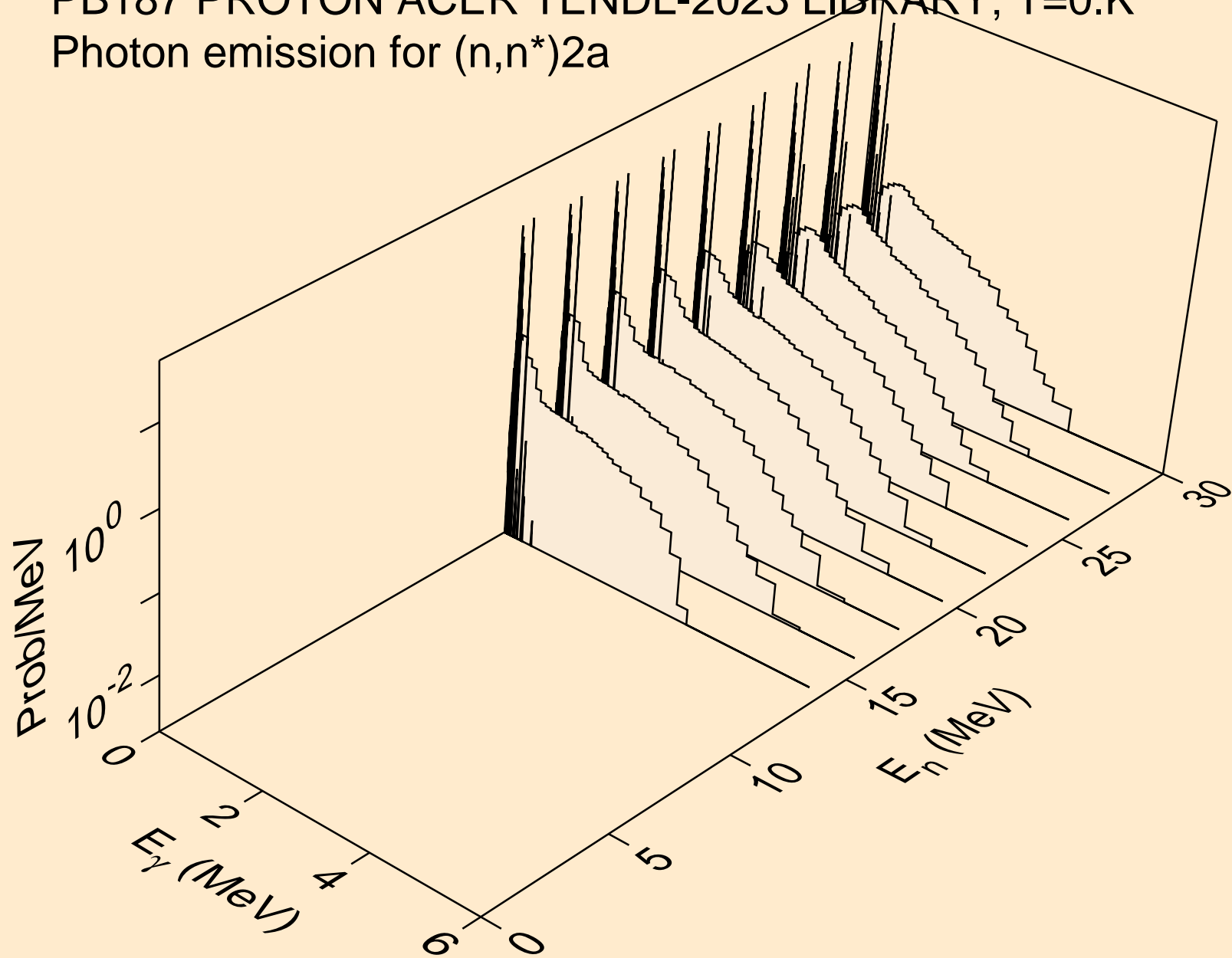




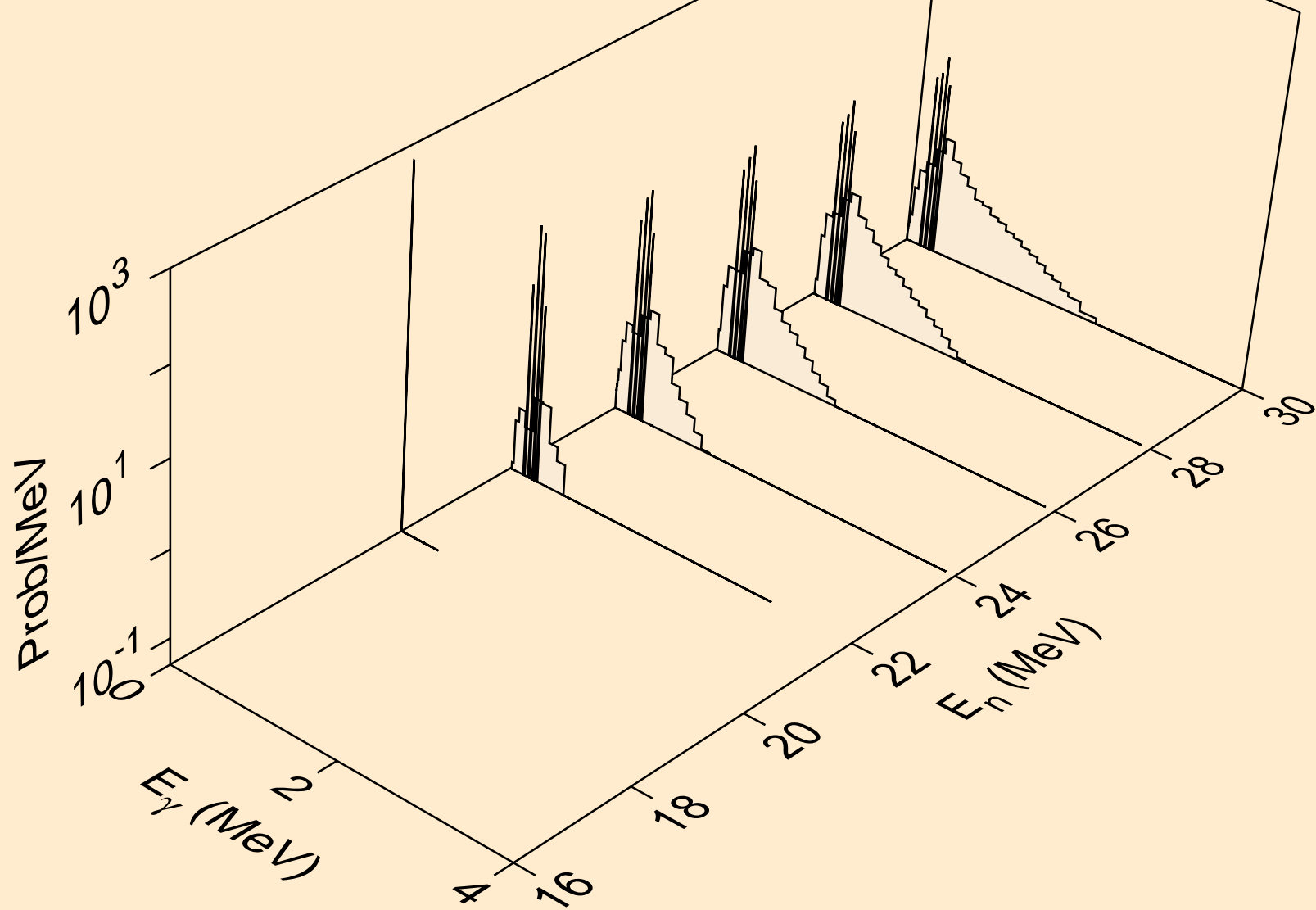
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



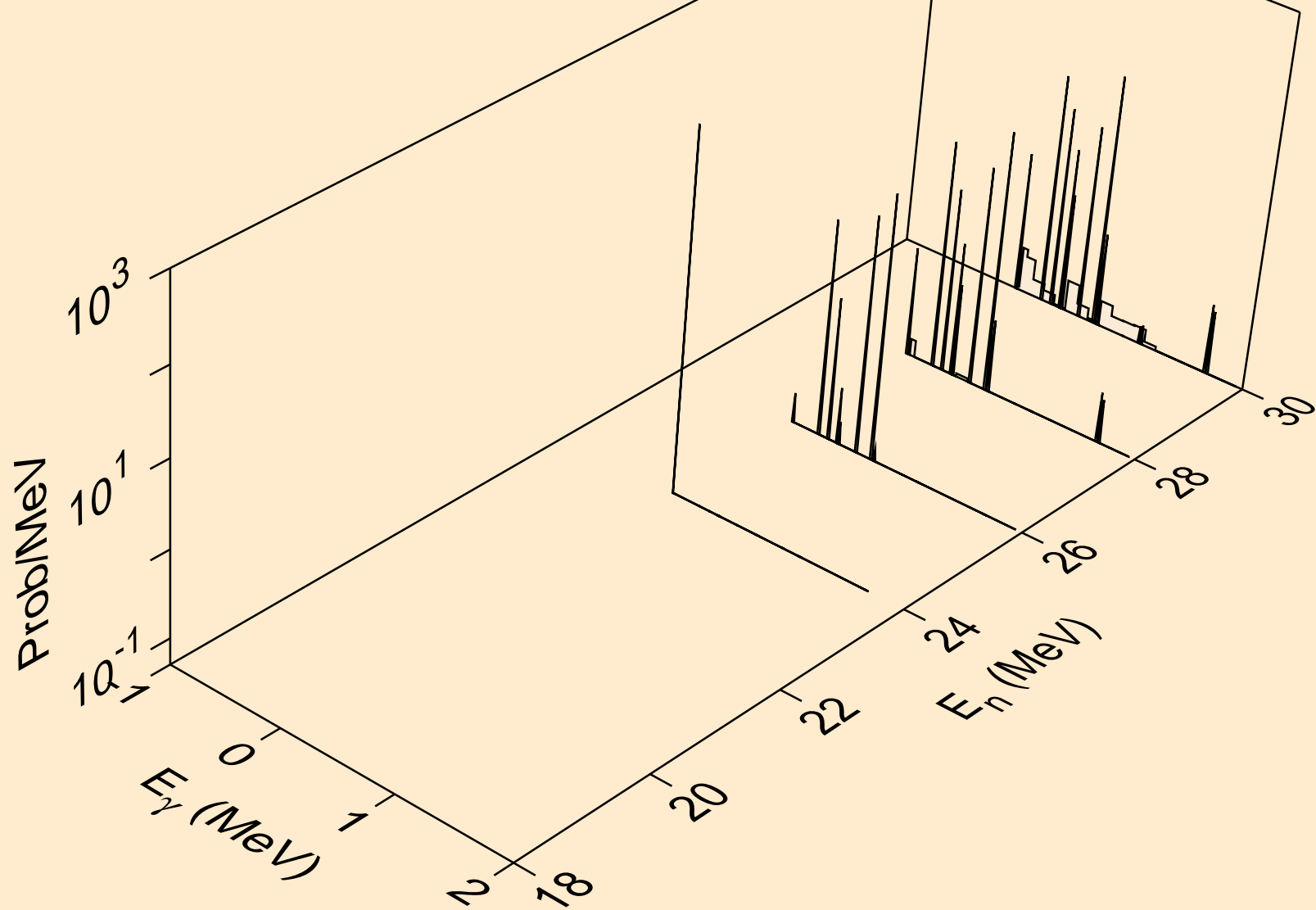
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Photon emission for (n,n\*)2a



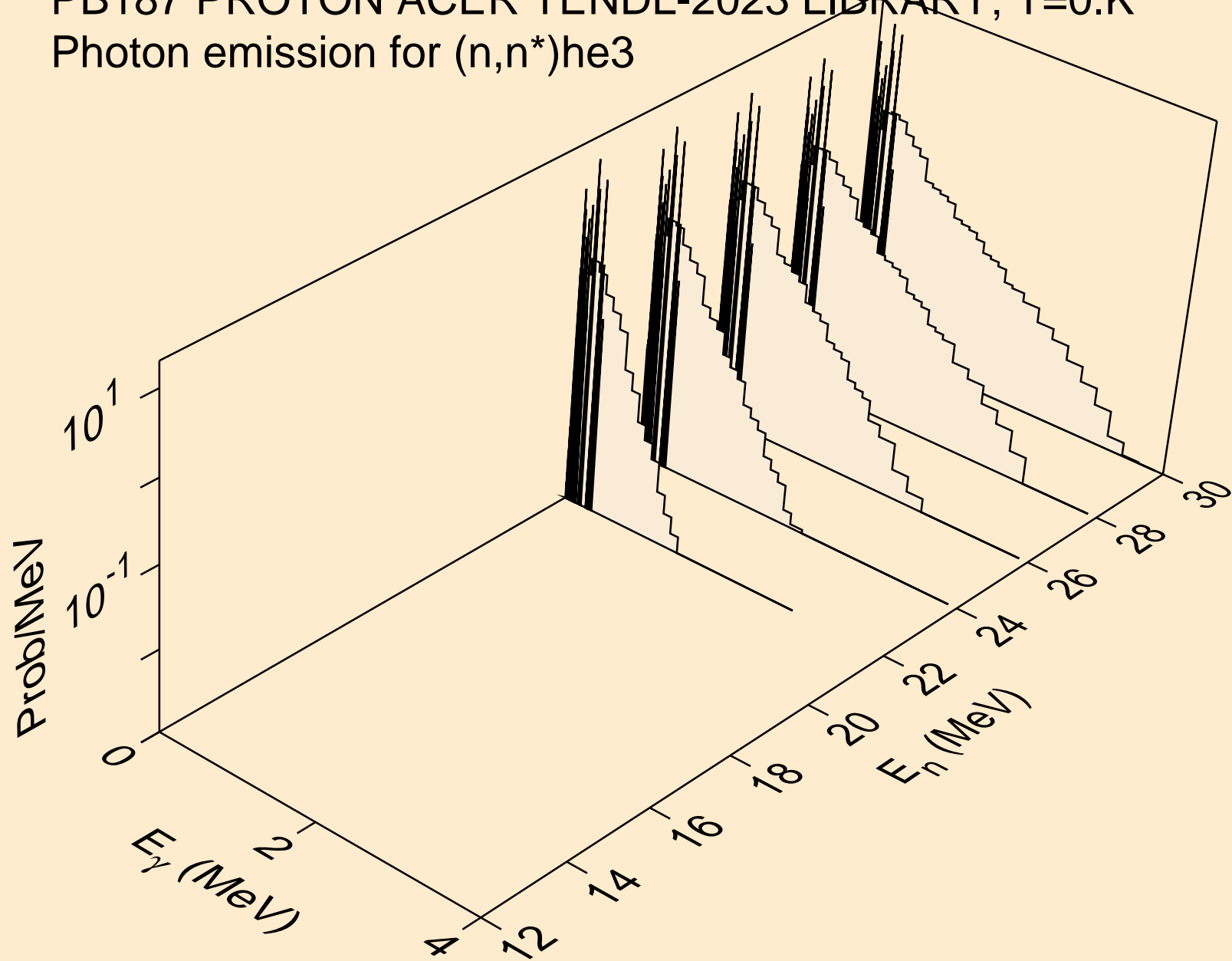
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



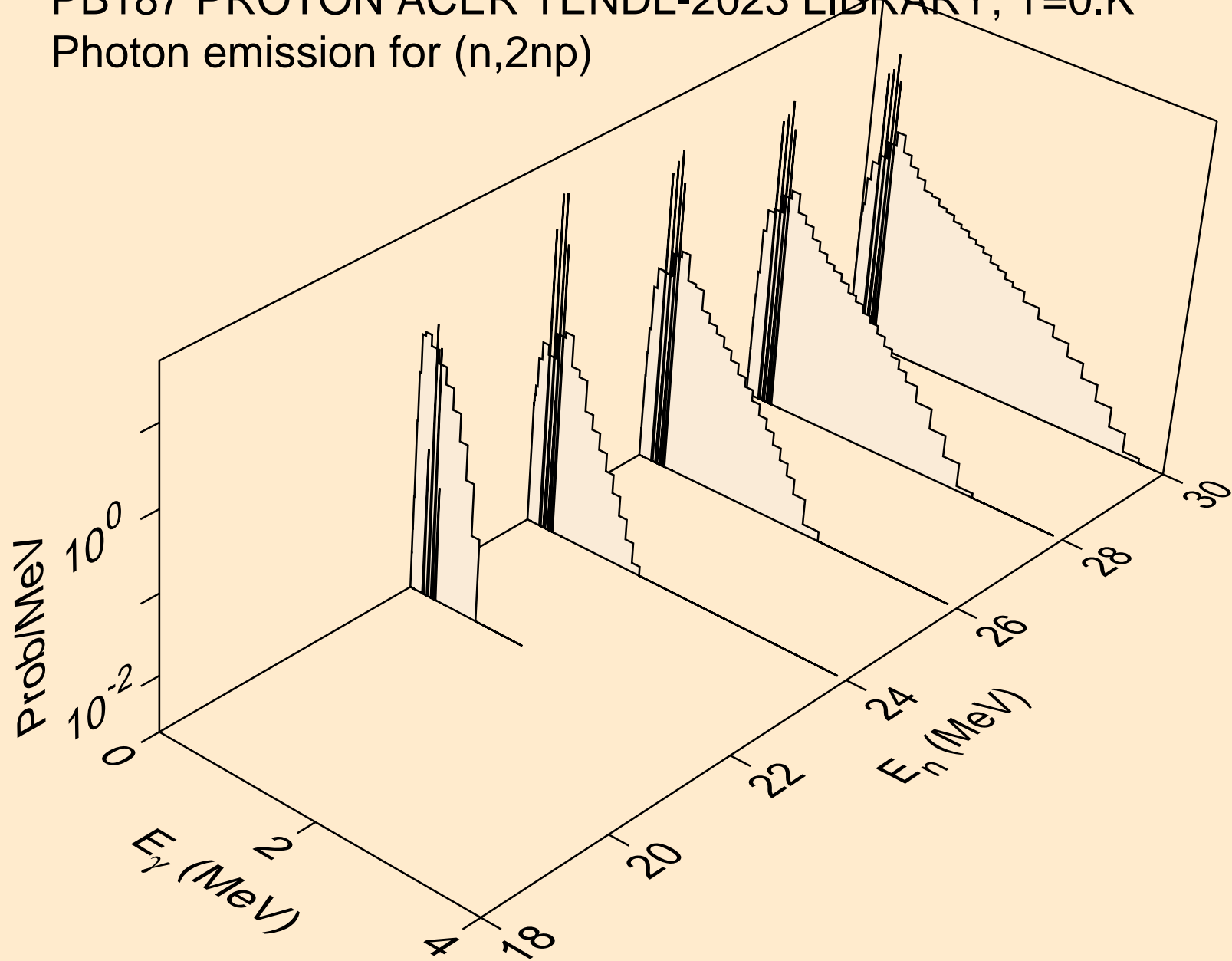
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



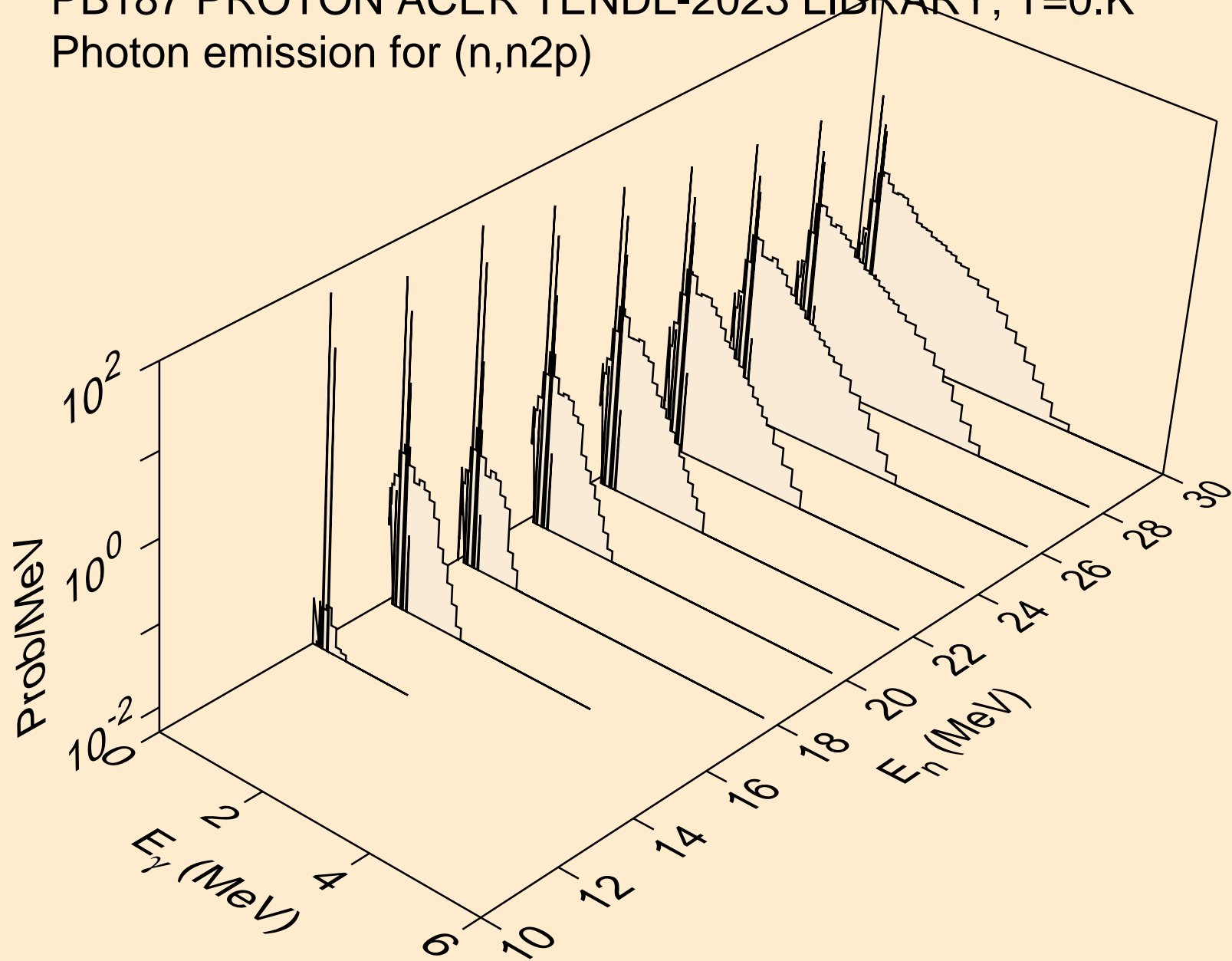
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



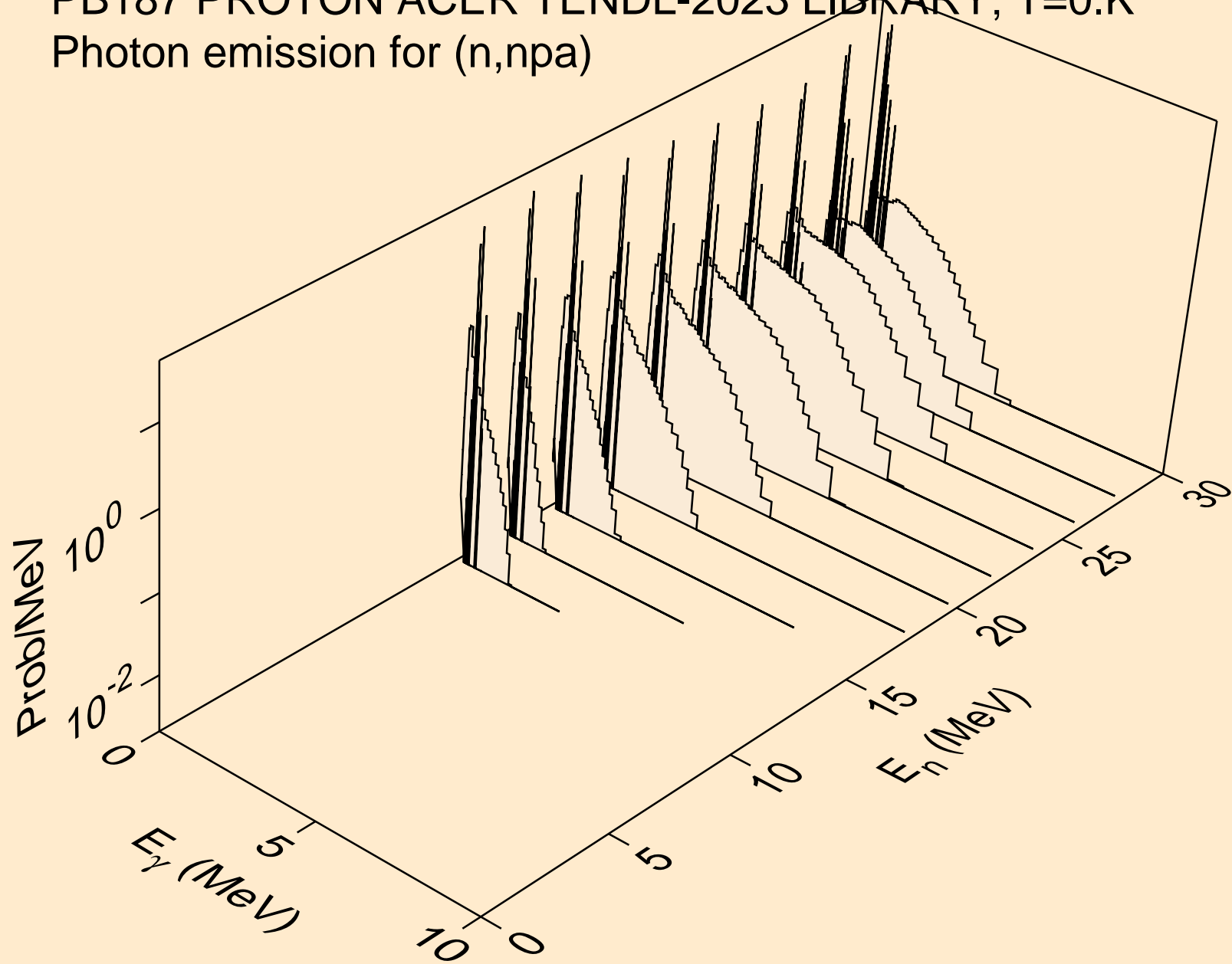
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

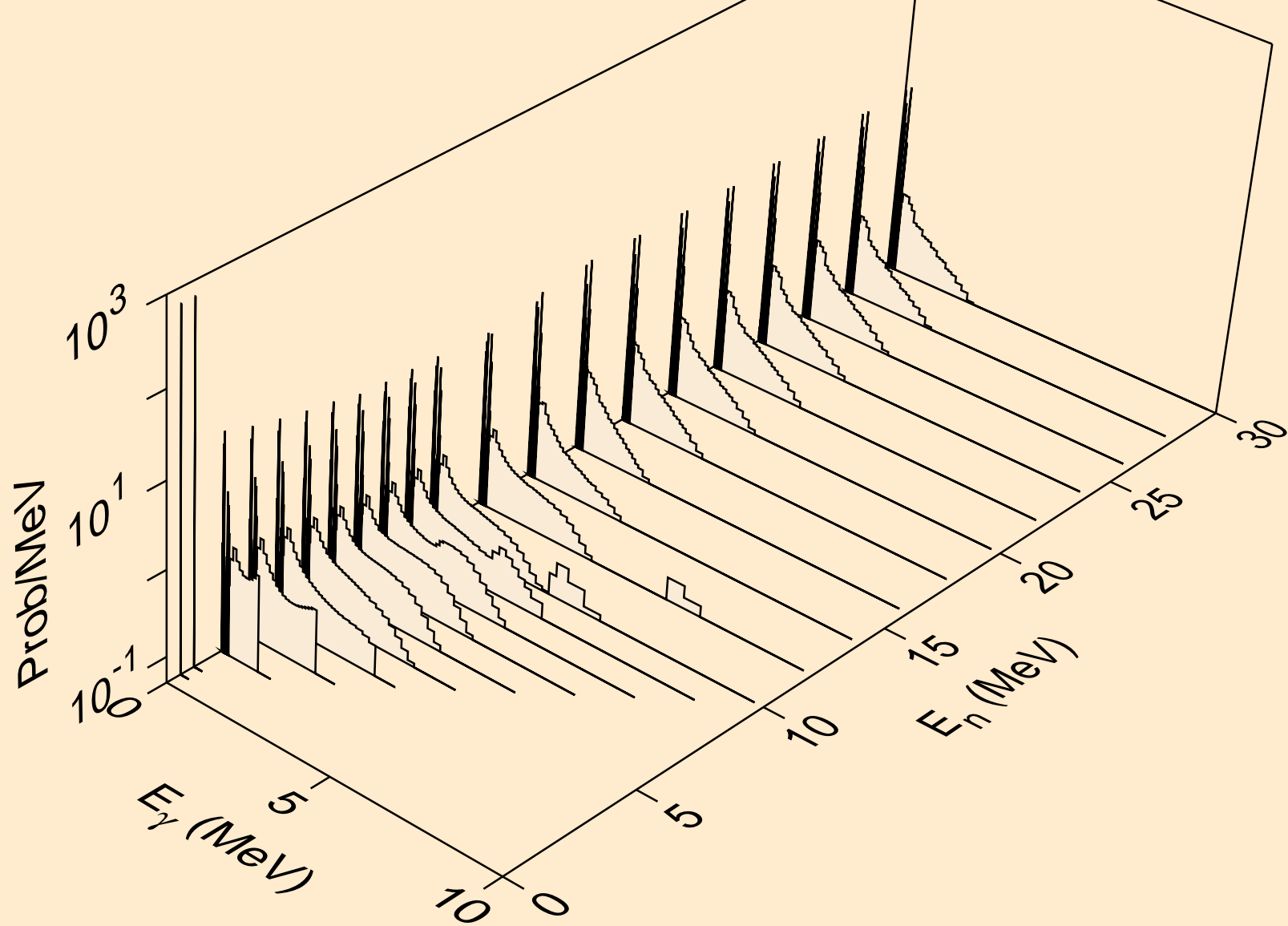


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Photon emission for (n,npa)

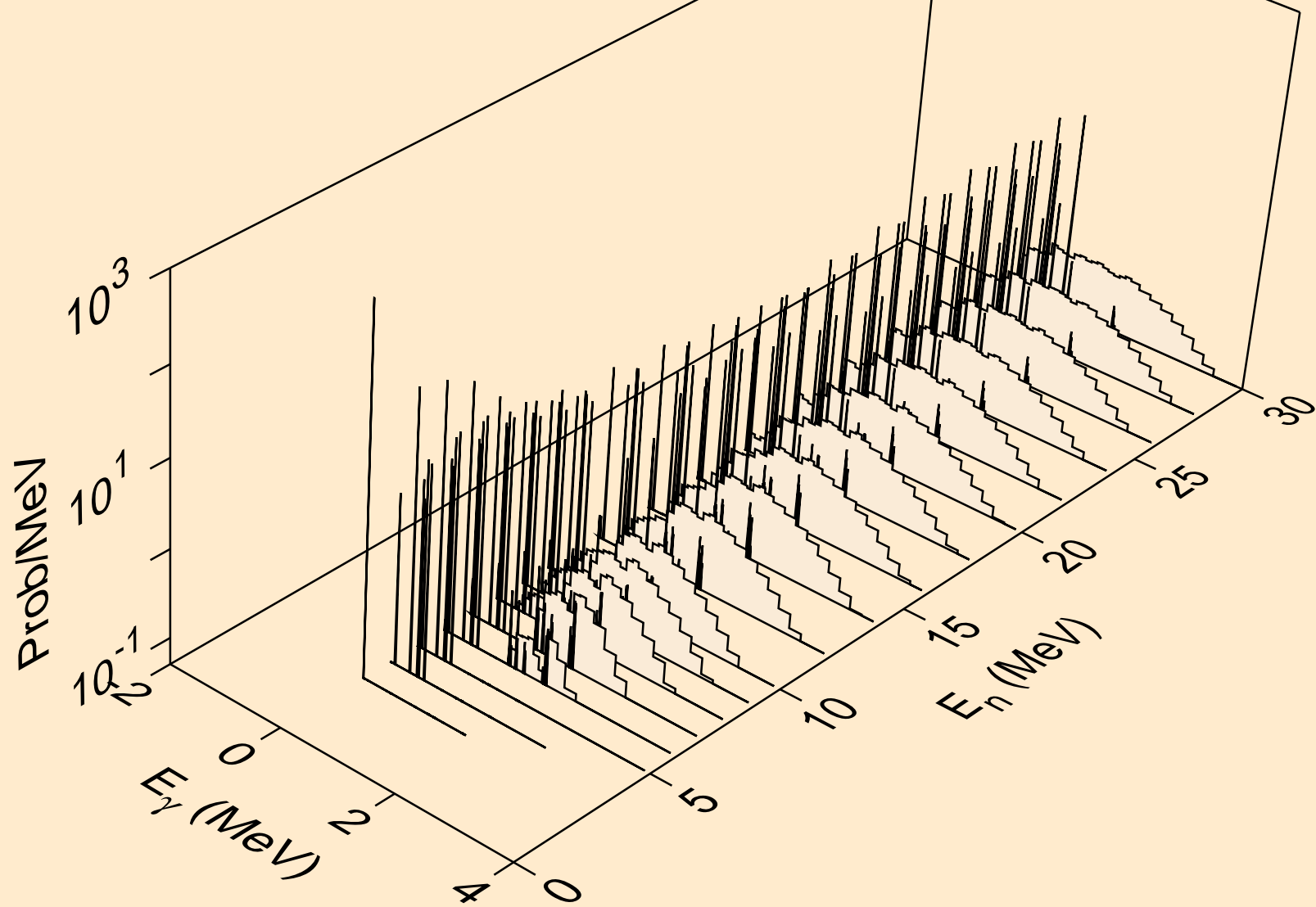




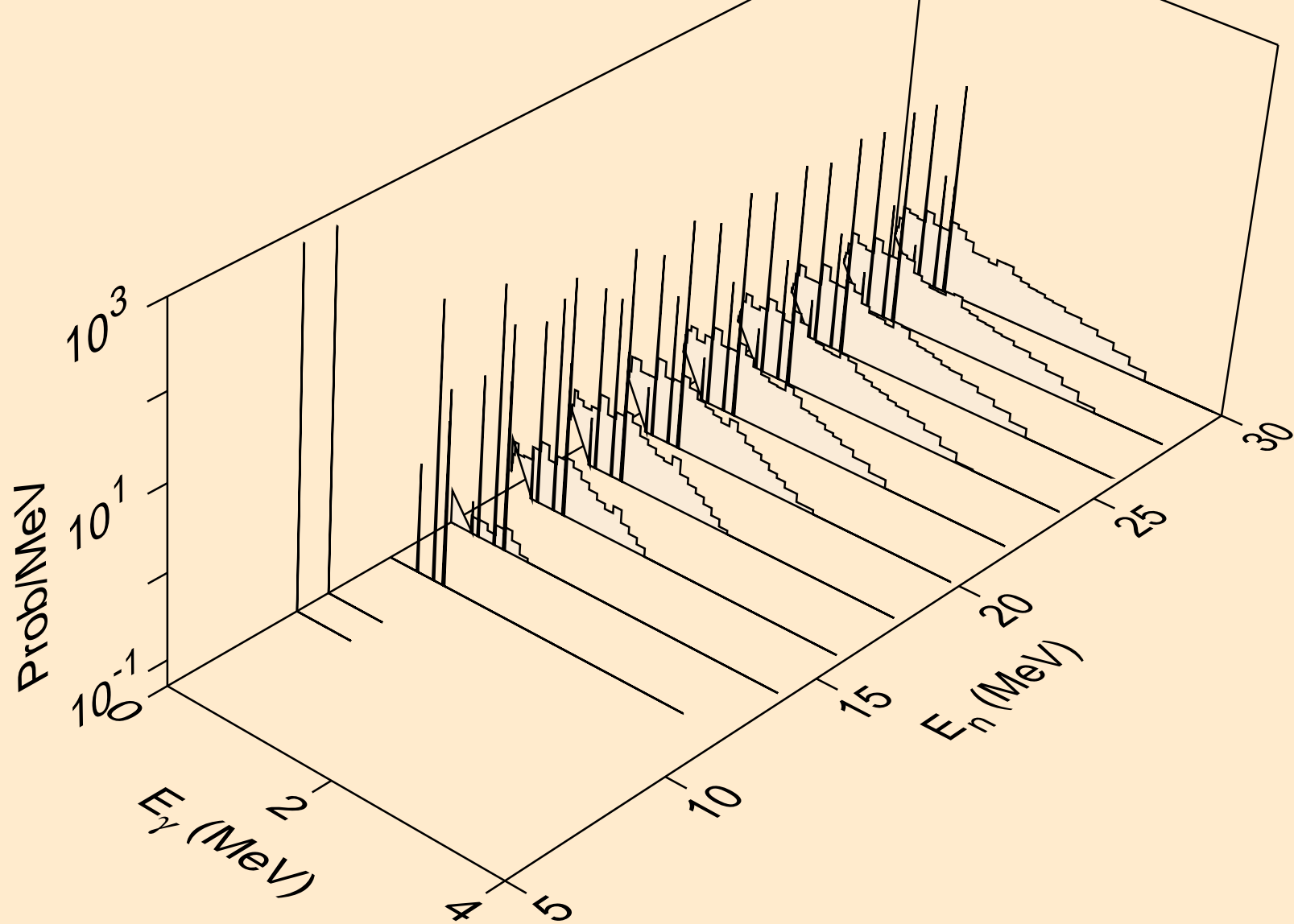
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Photon emission for (n,gma)



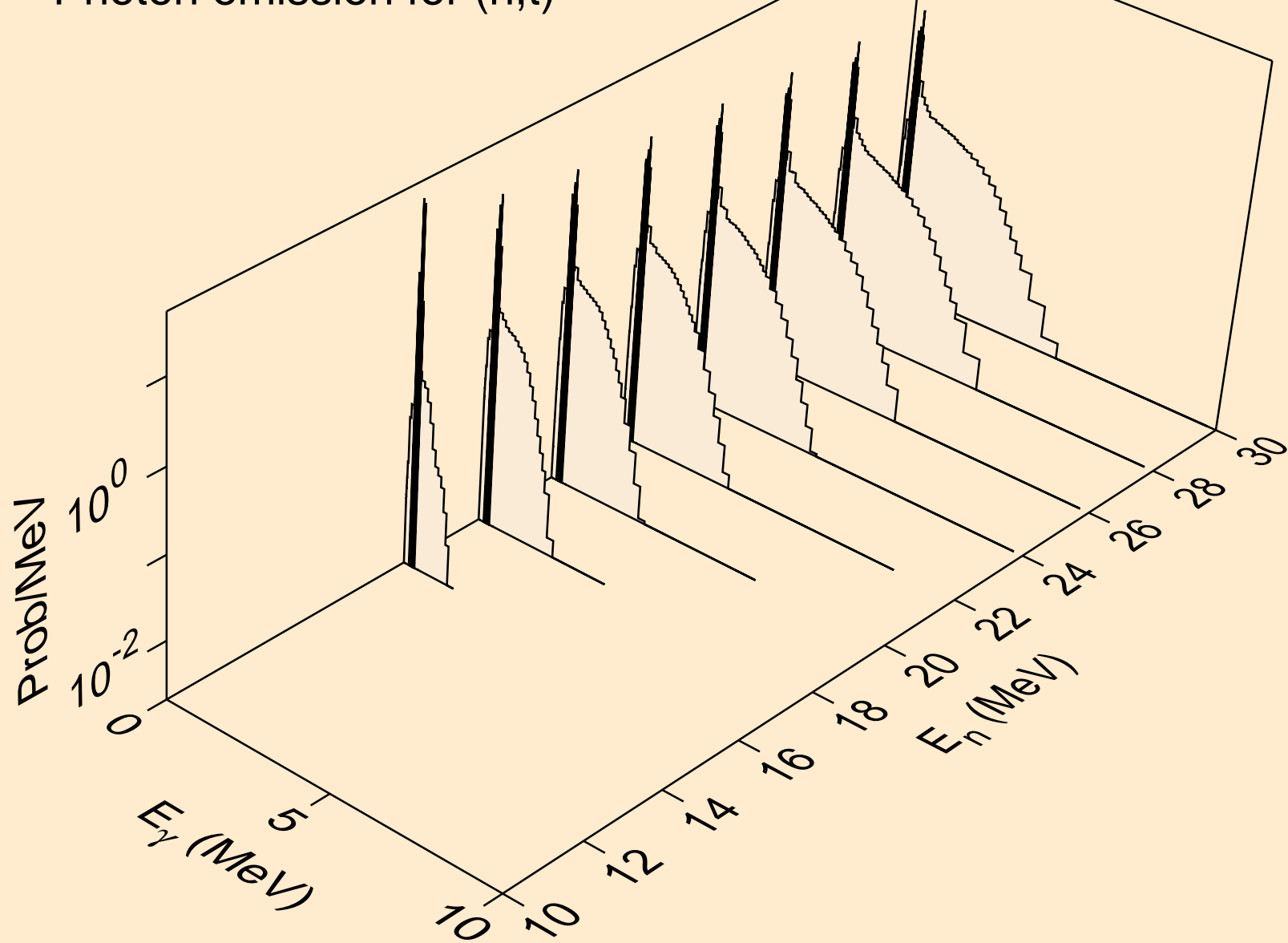
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



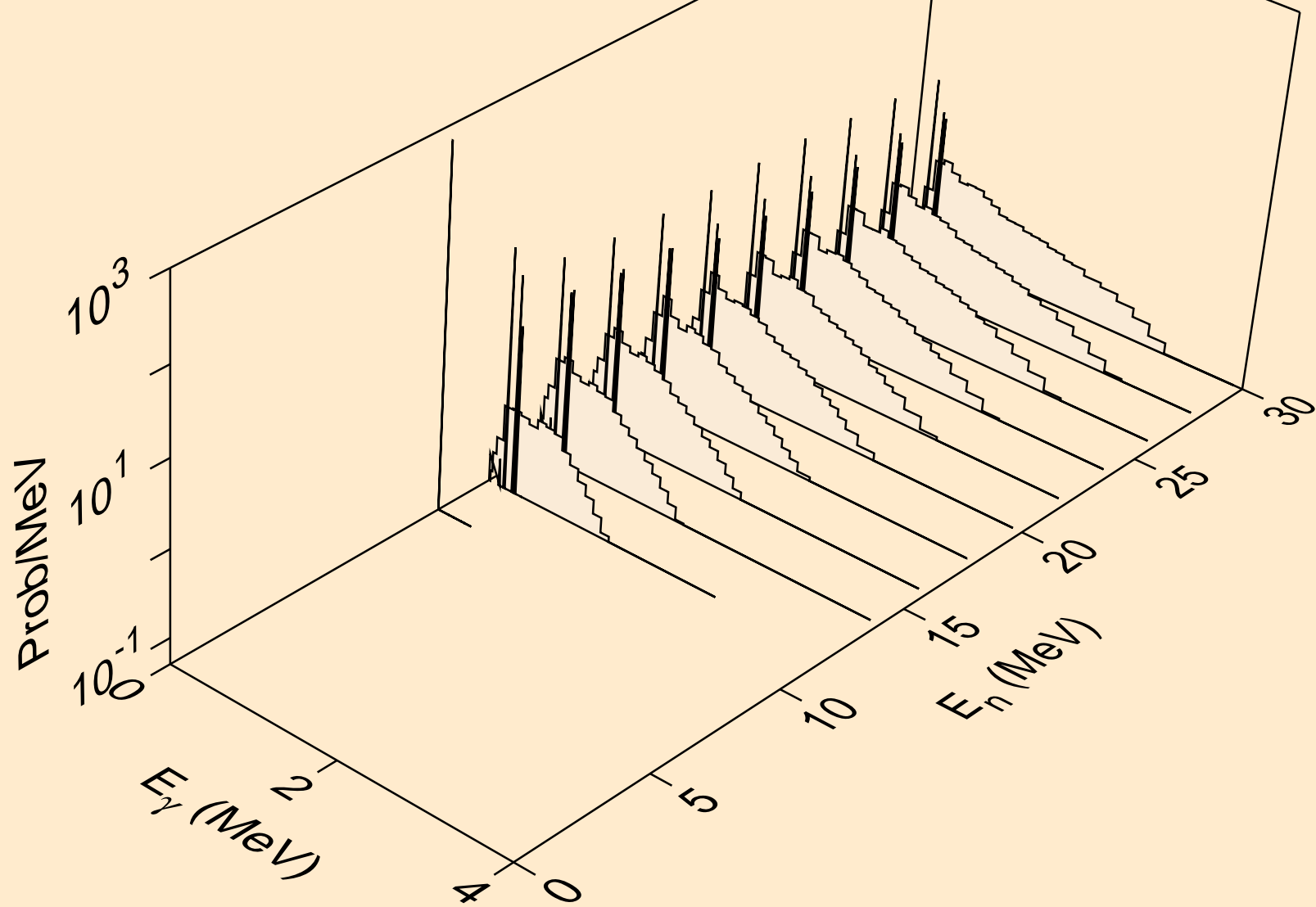
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Photon emission for (n,d)



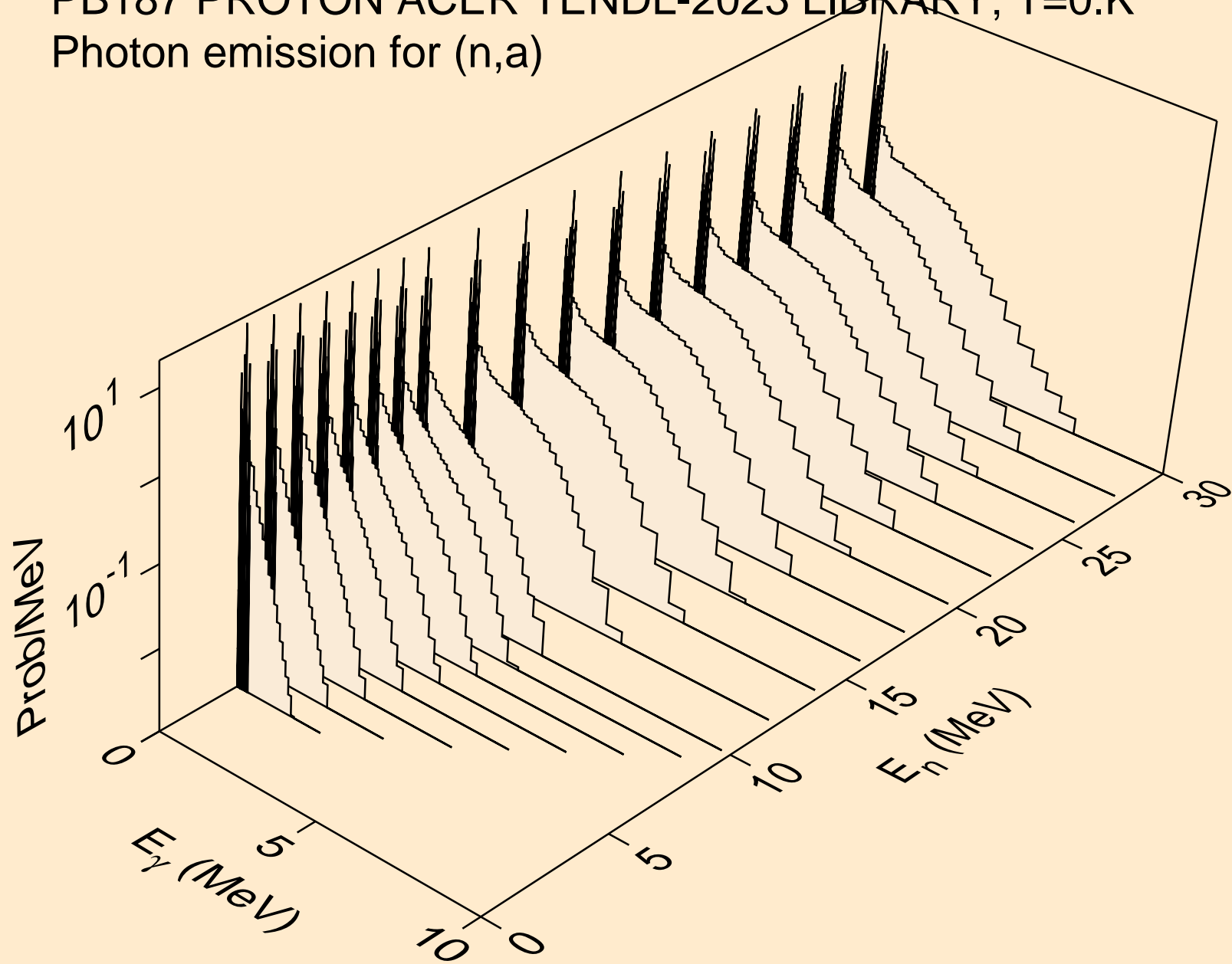
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Photon emission for (n,t)



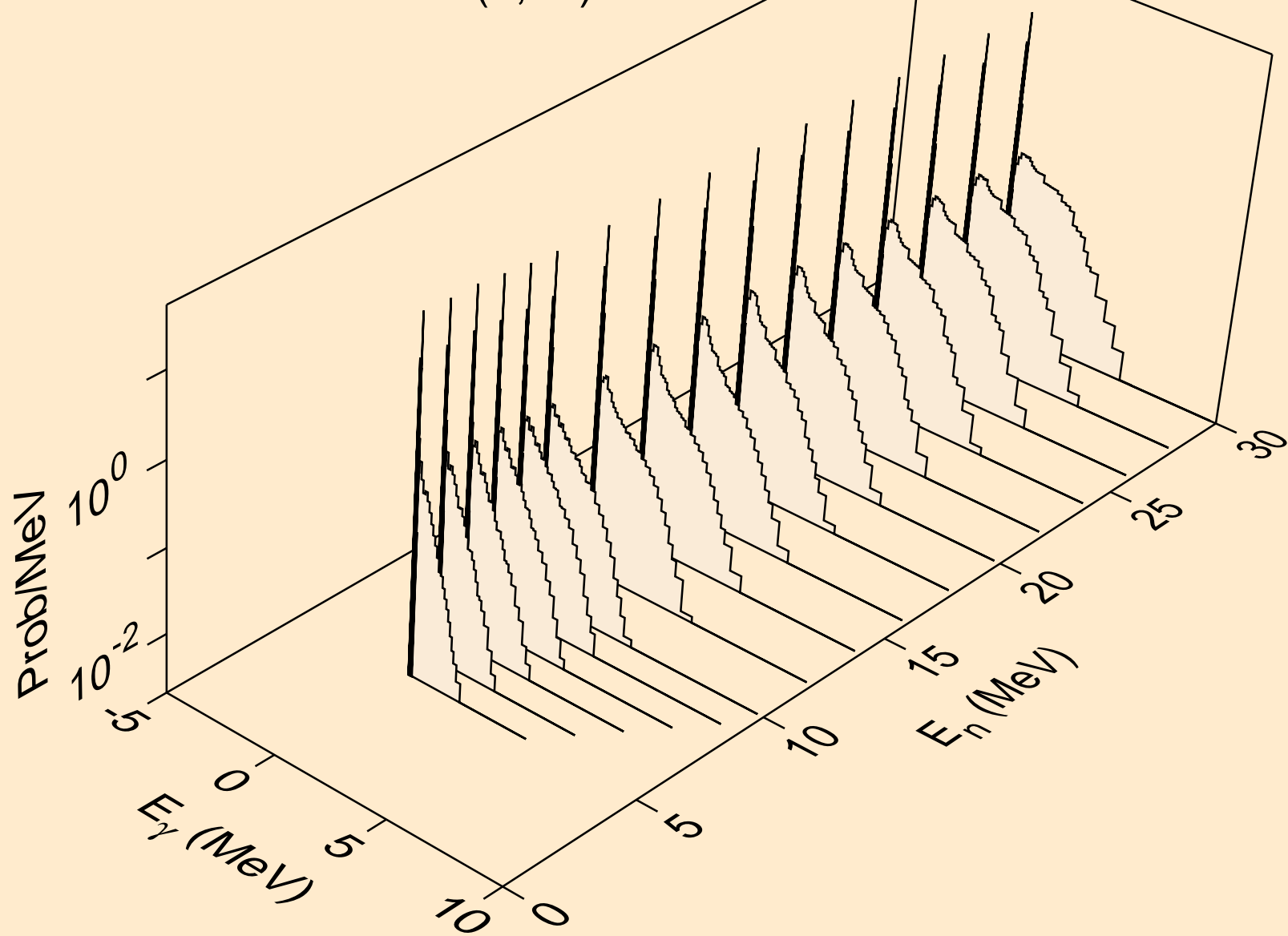
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Photon emission for (n,he3)



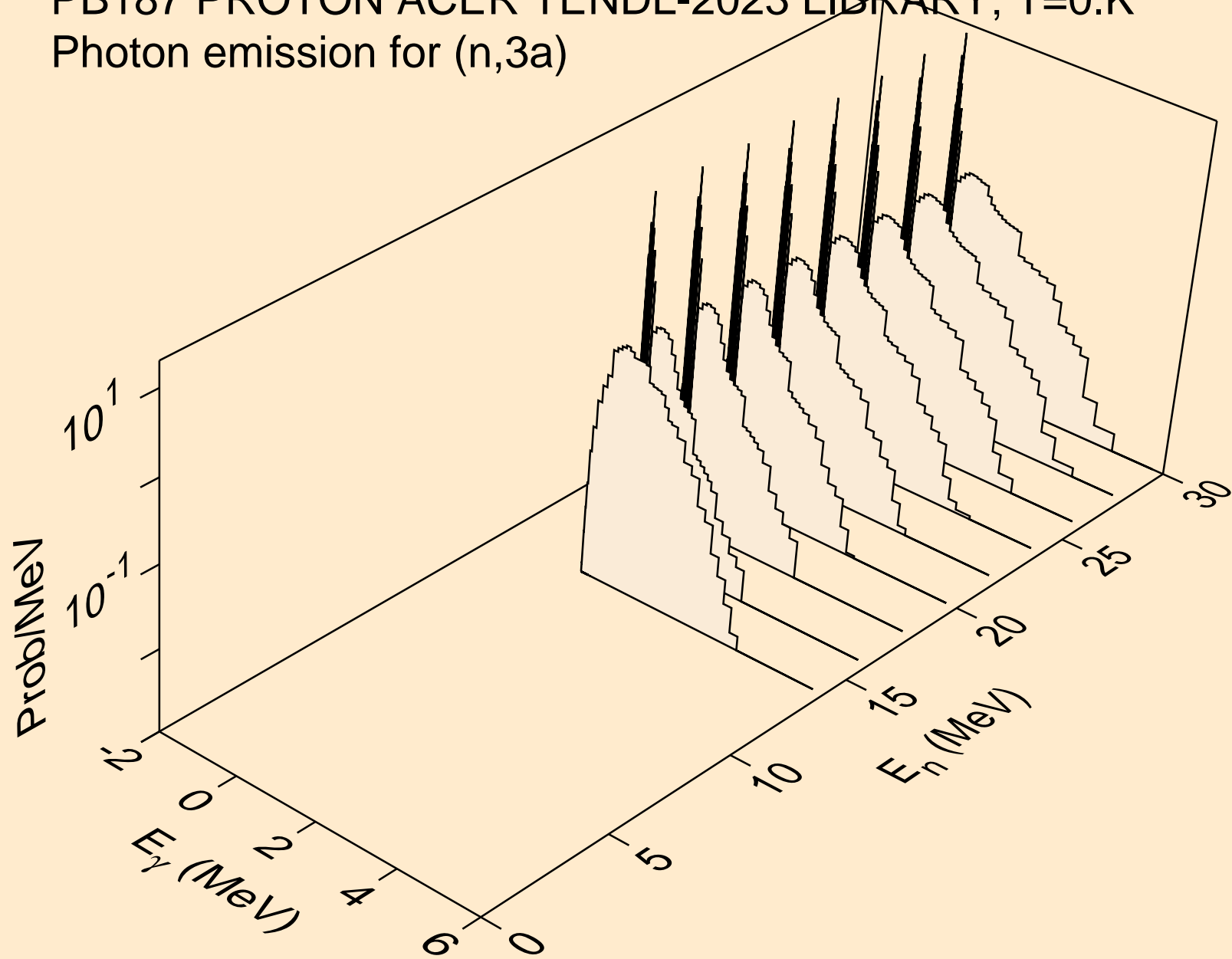
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

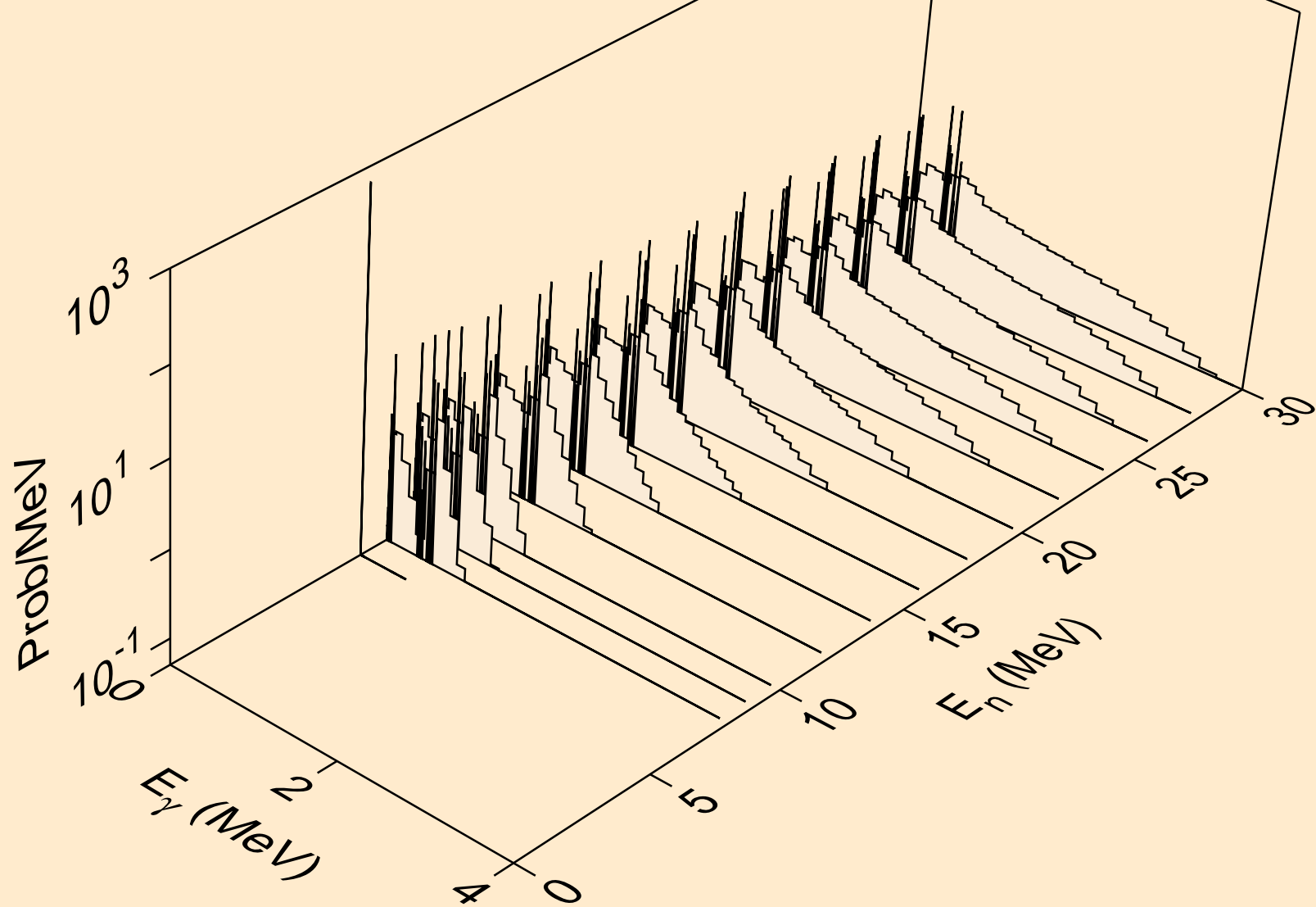


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Photon emission for (n,3a)

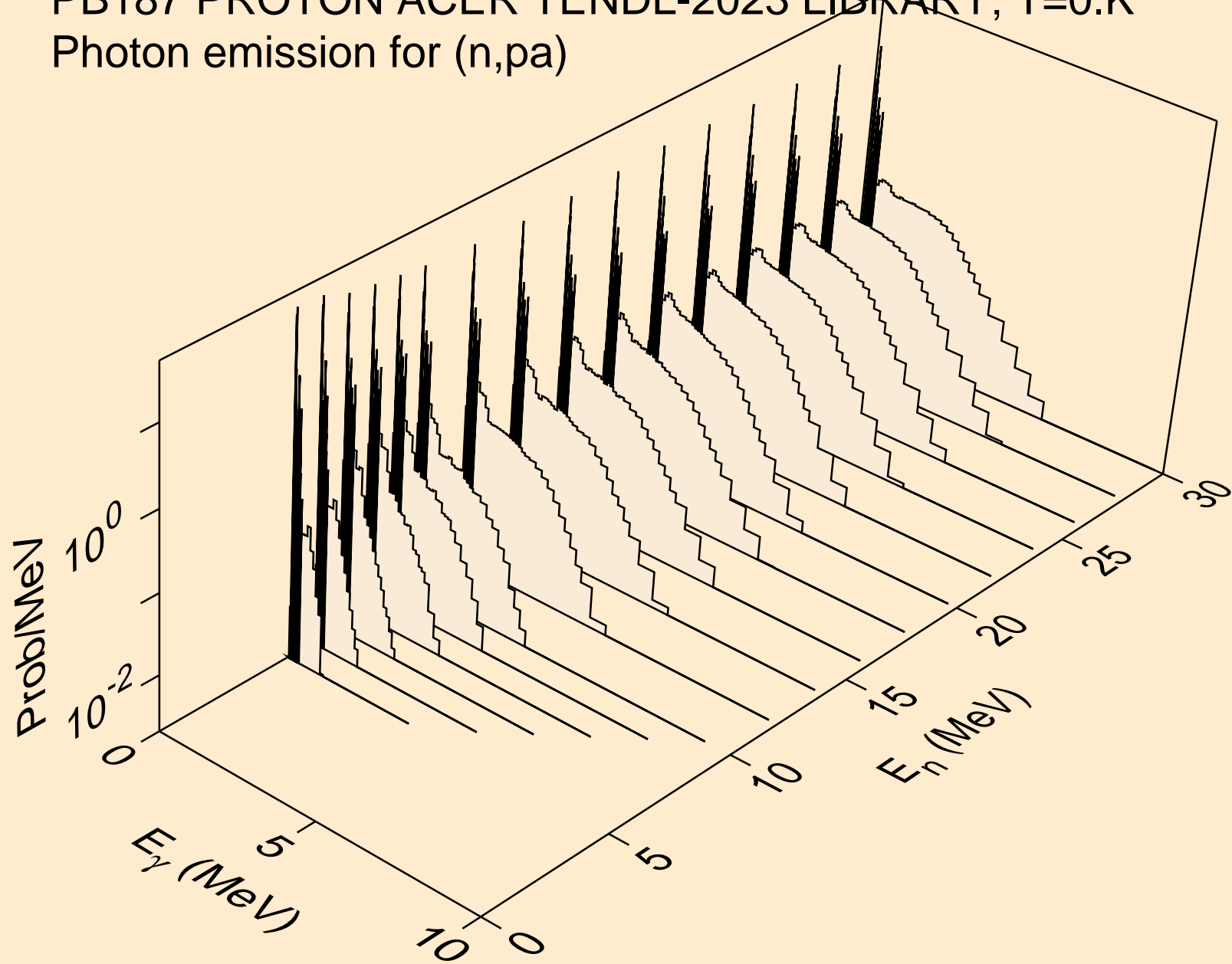




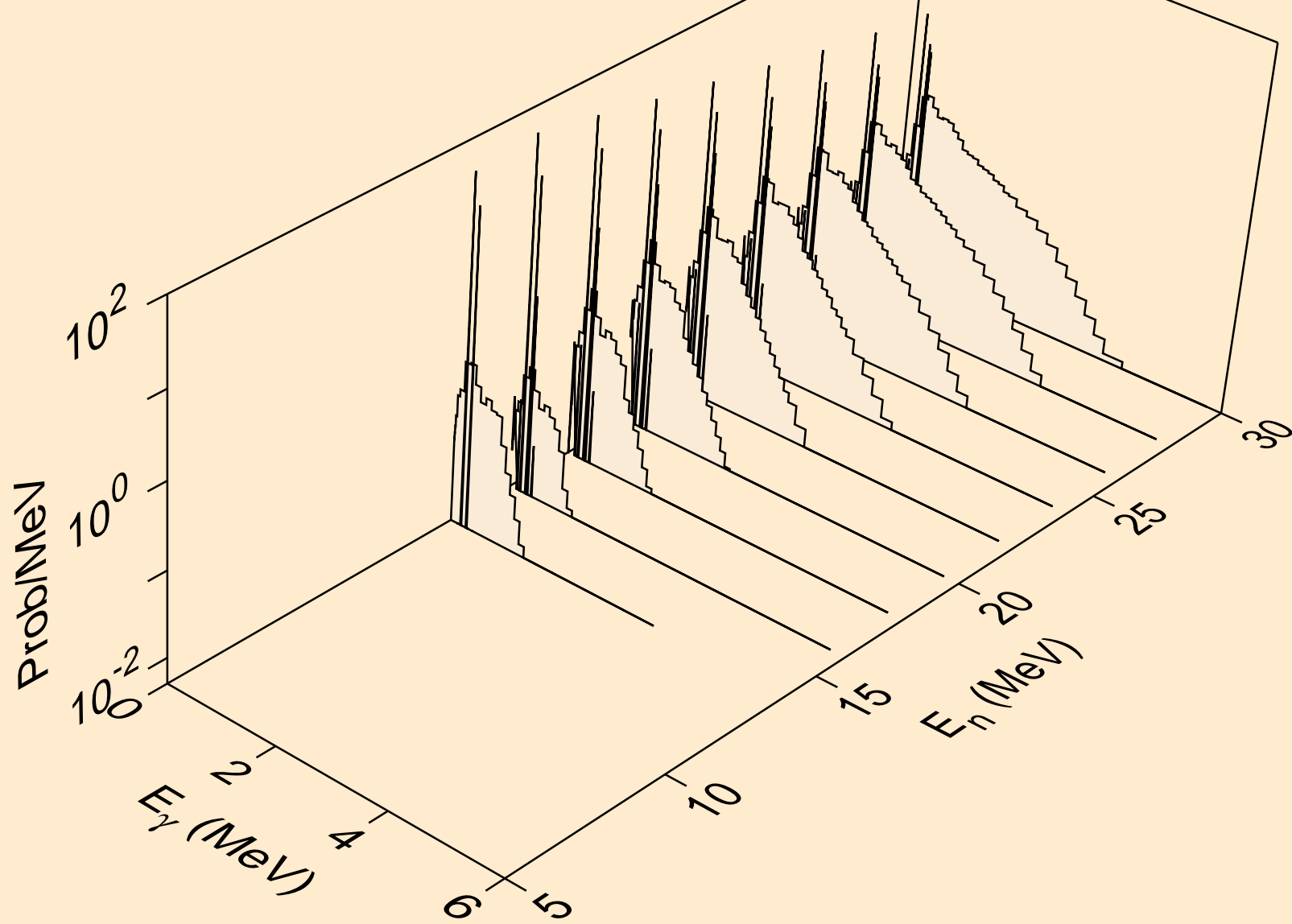
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Photon emission for (n,2p)



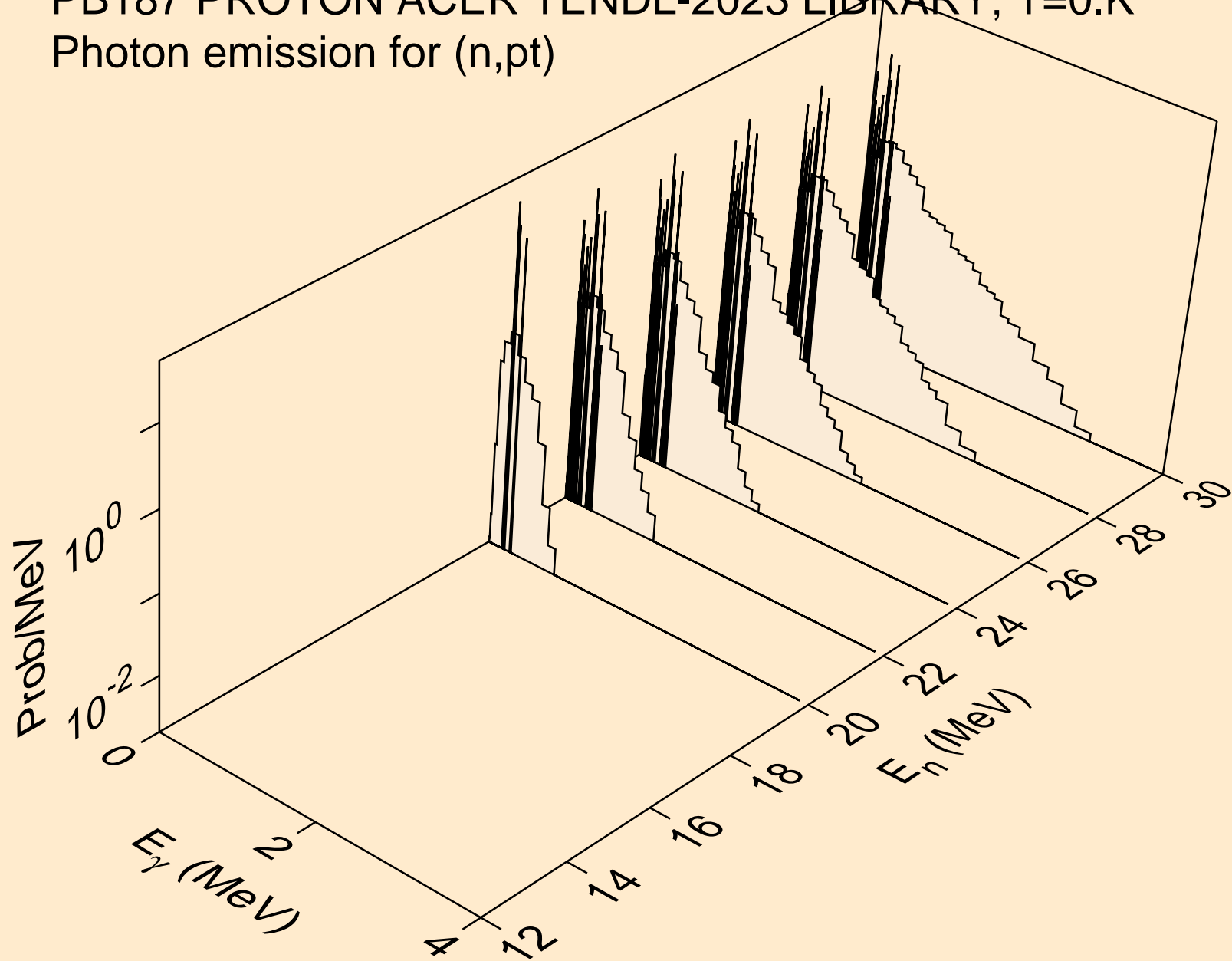
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Photon emission for (n,pa)



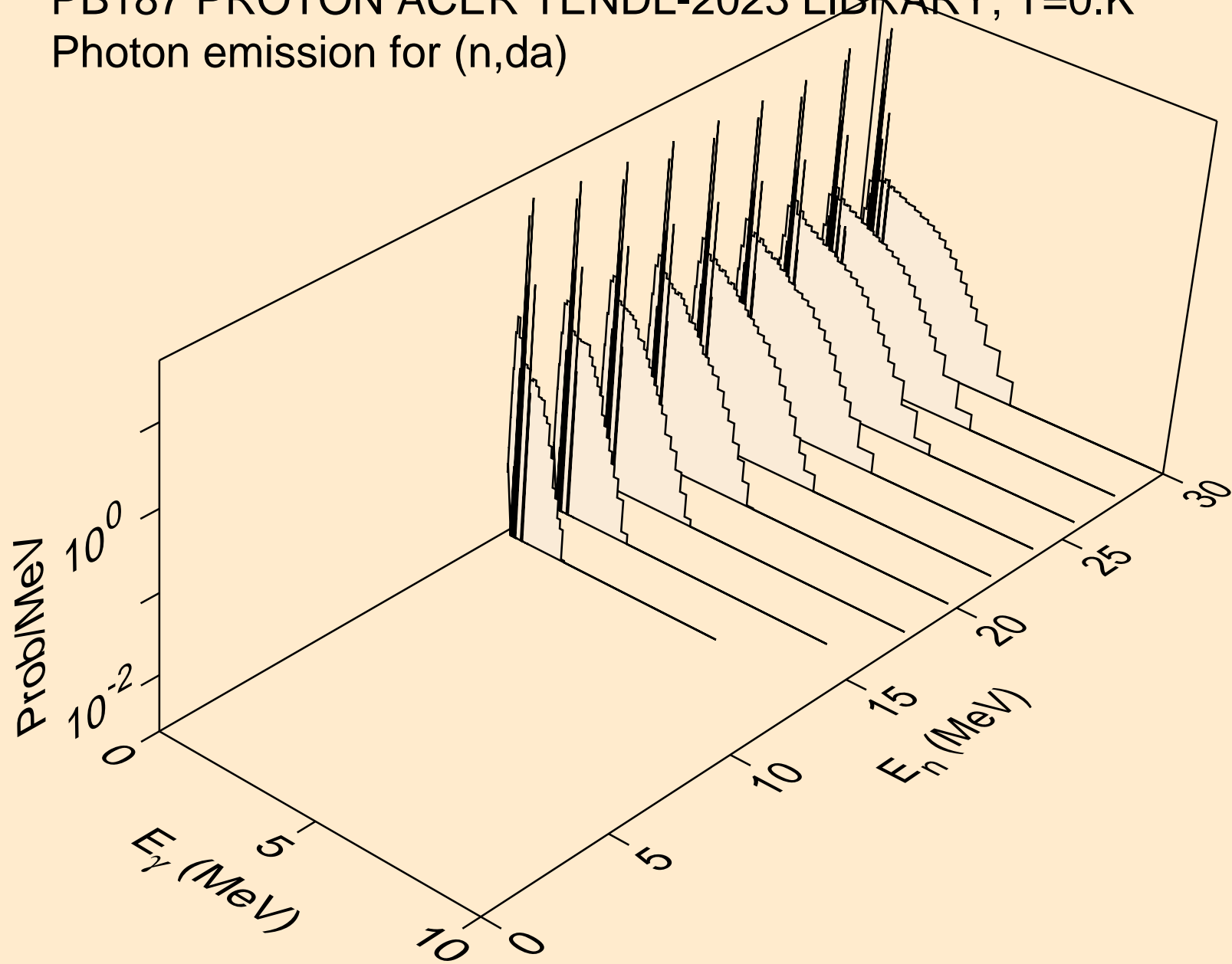
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Photon emission for (n,pd)



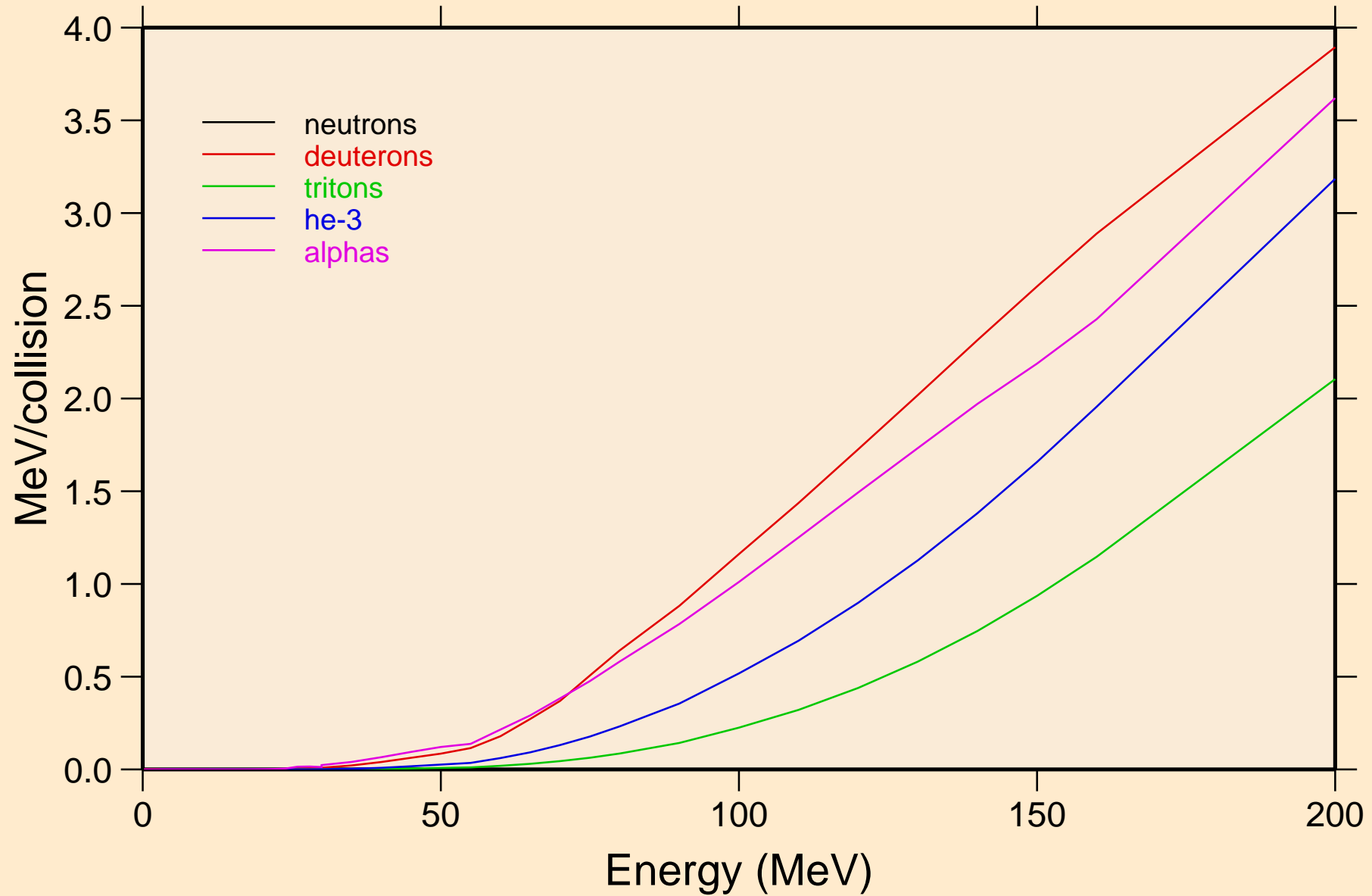
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Photon emission for (n,pt)



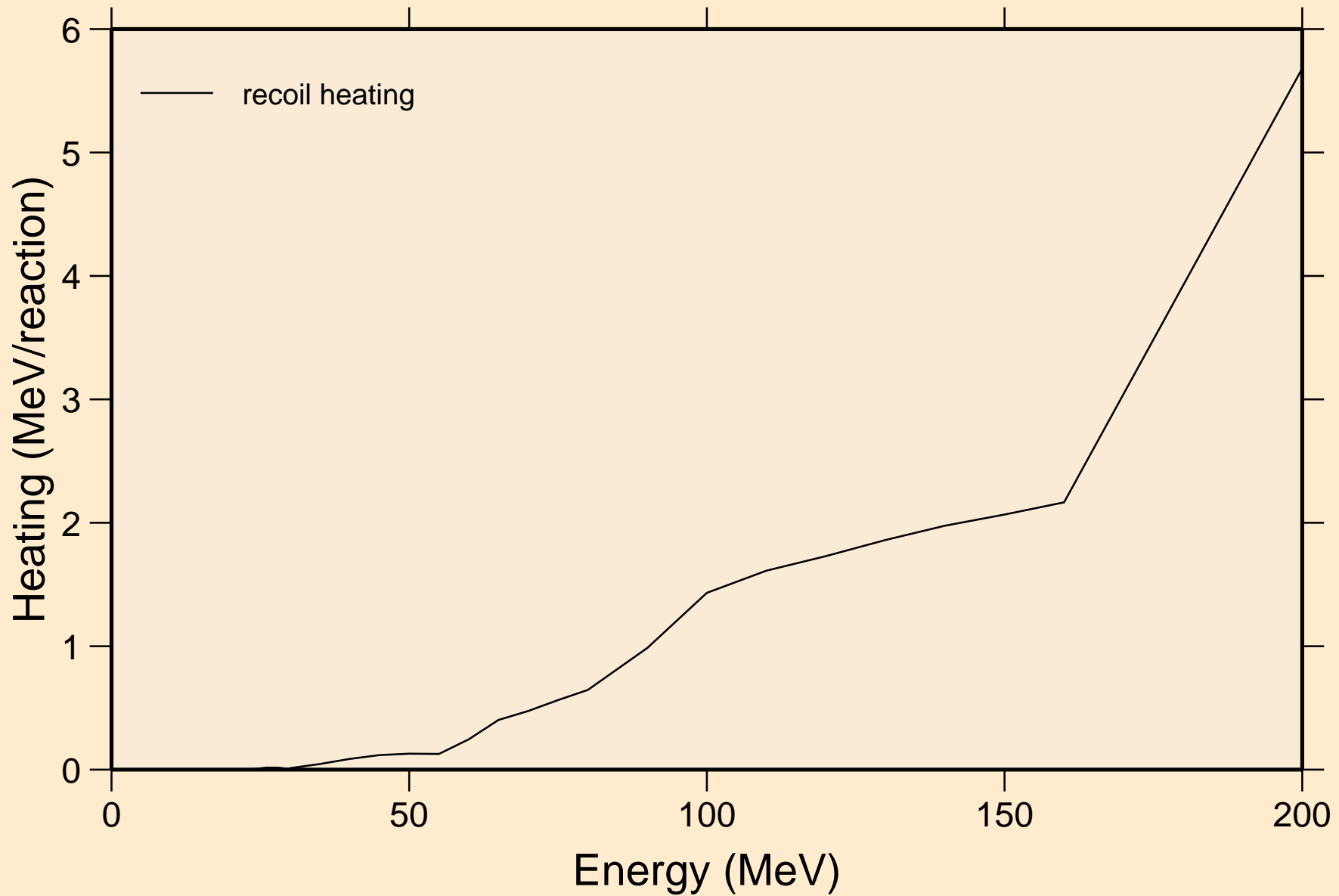
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Photon emission for (n,da)



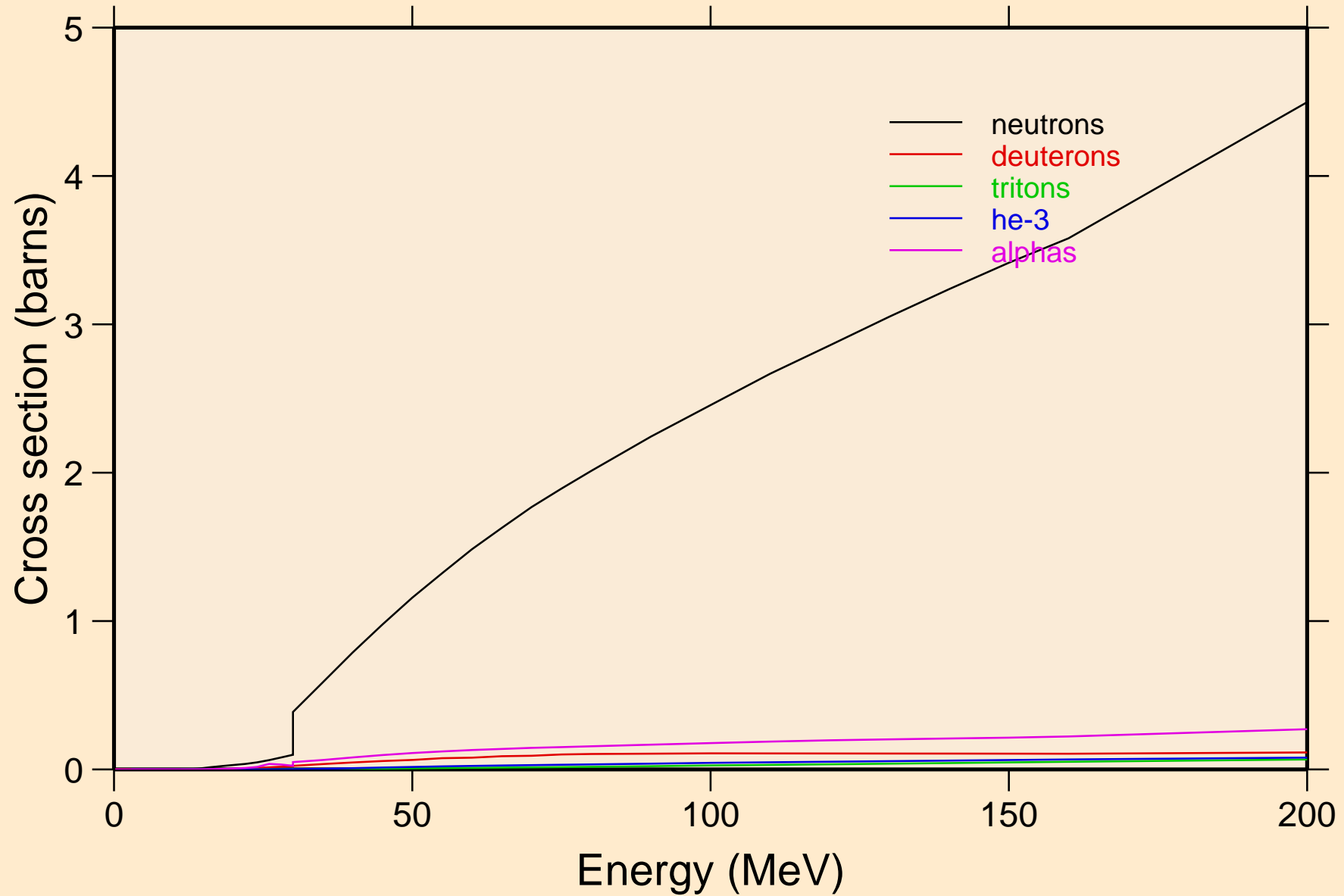
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

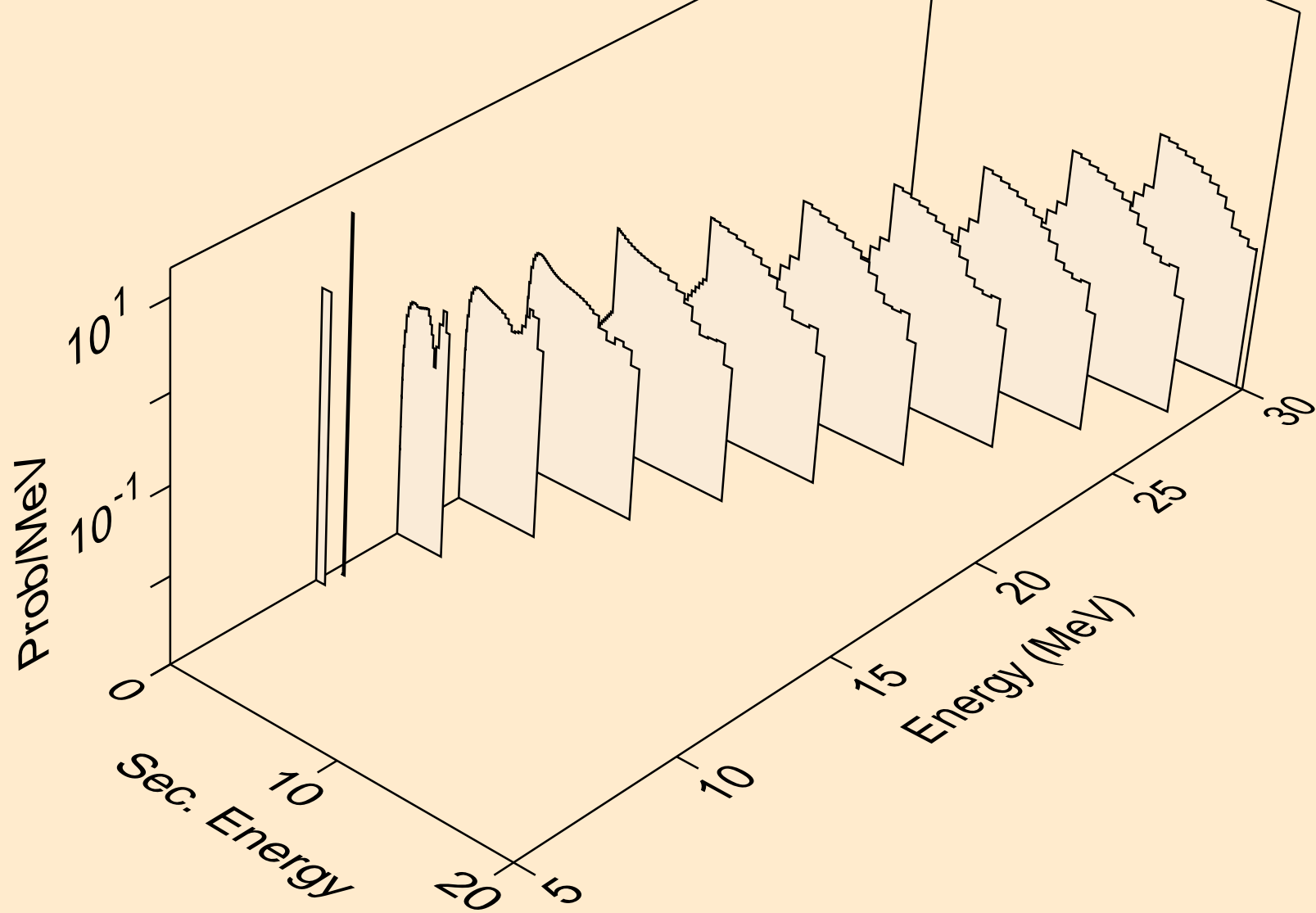


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

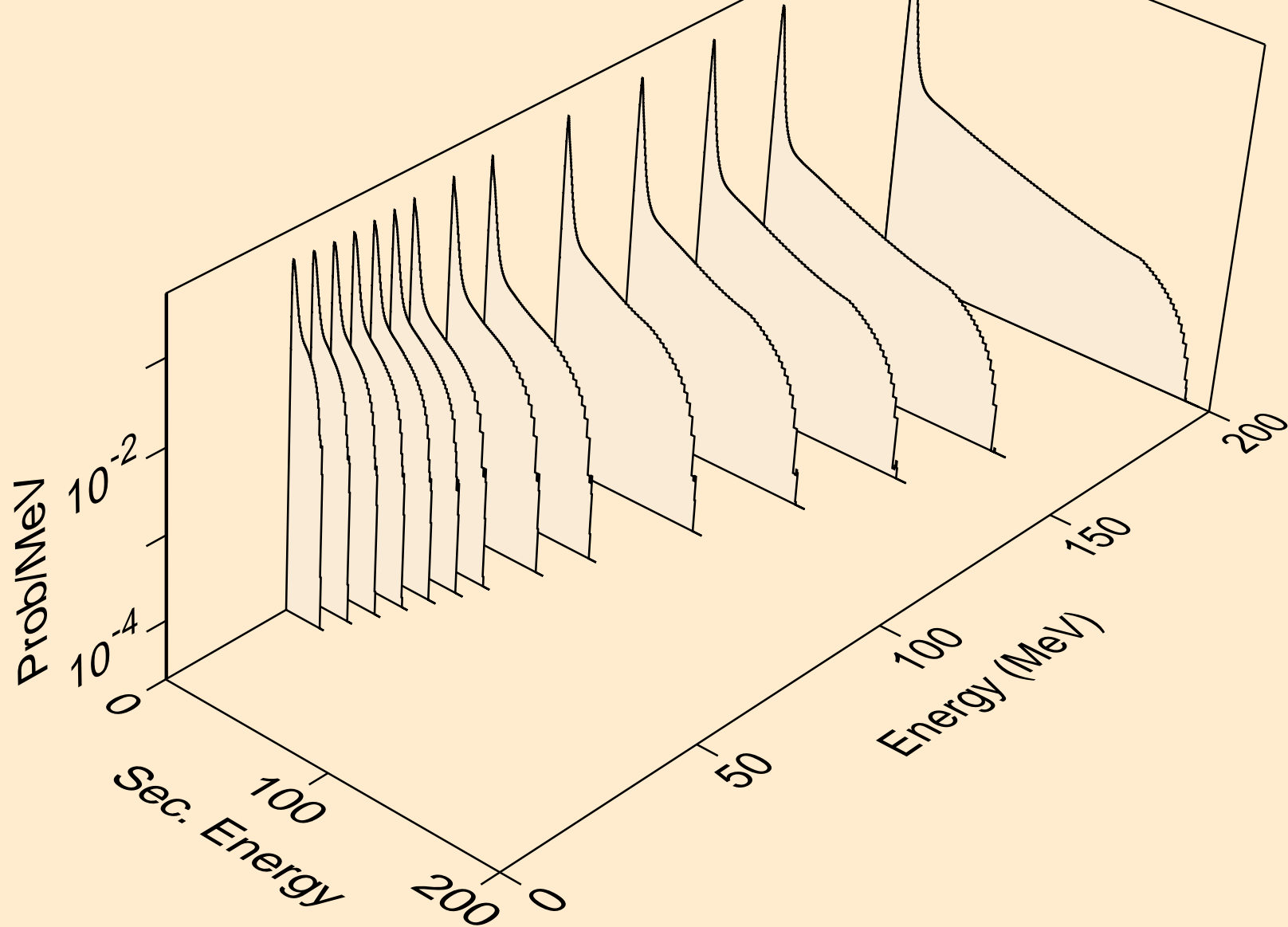




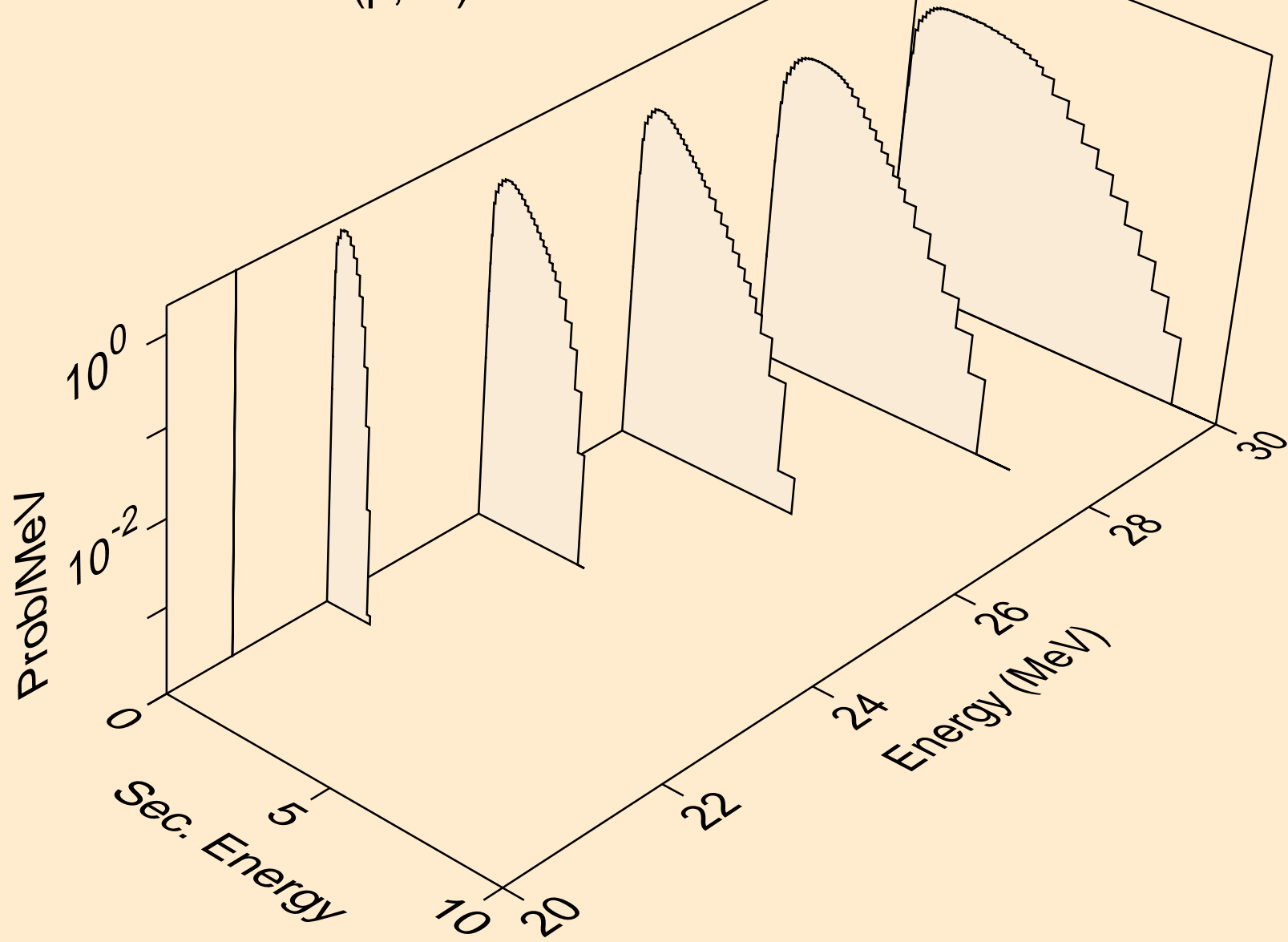
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



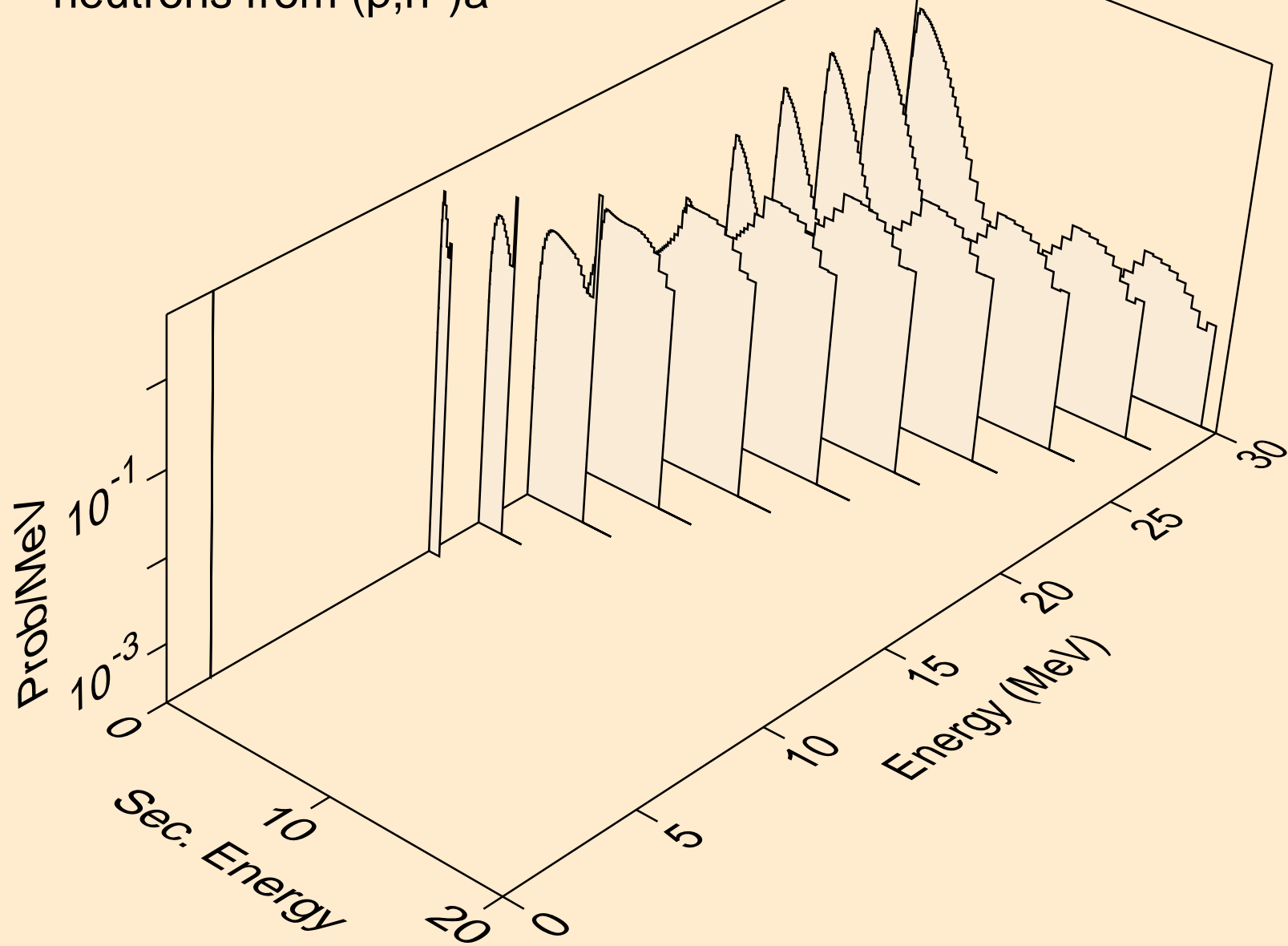
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neutrons from (p,x)



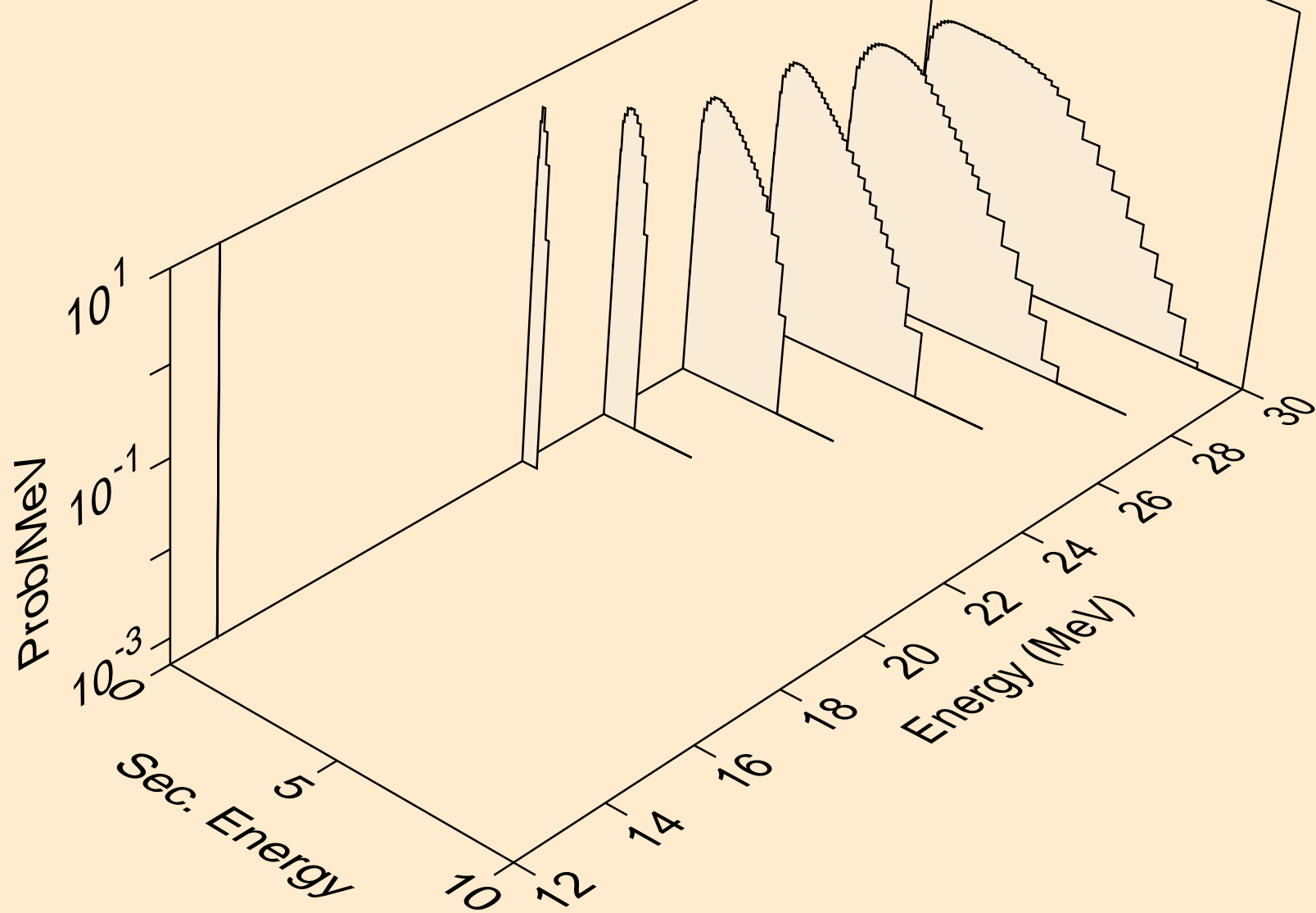
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neutrons from (p,2n)



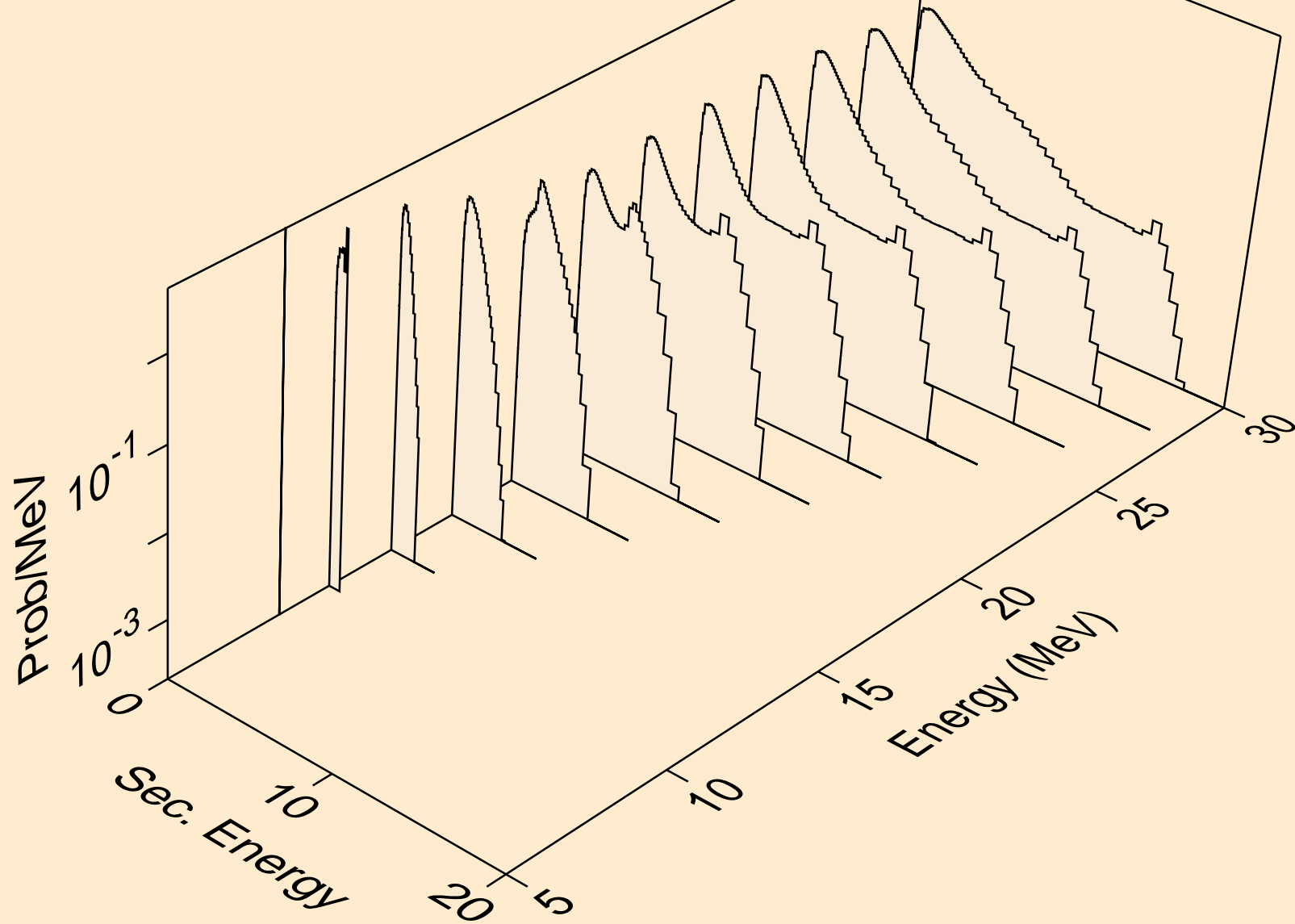
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



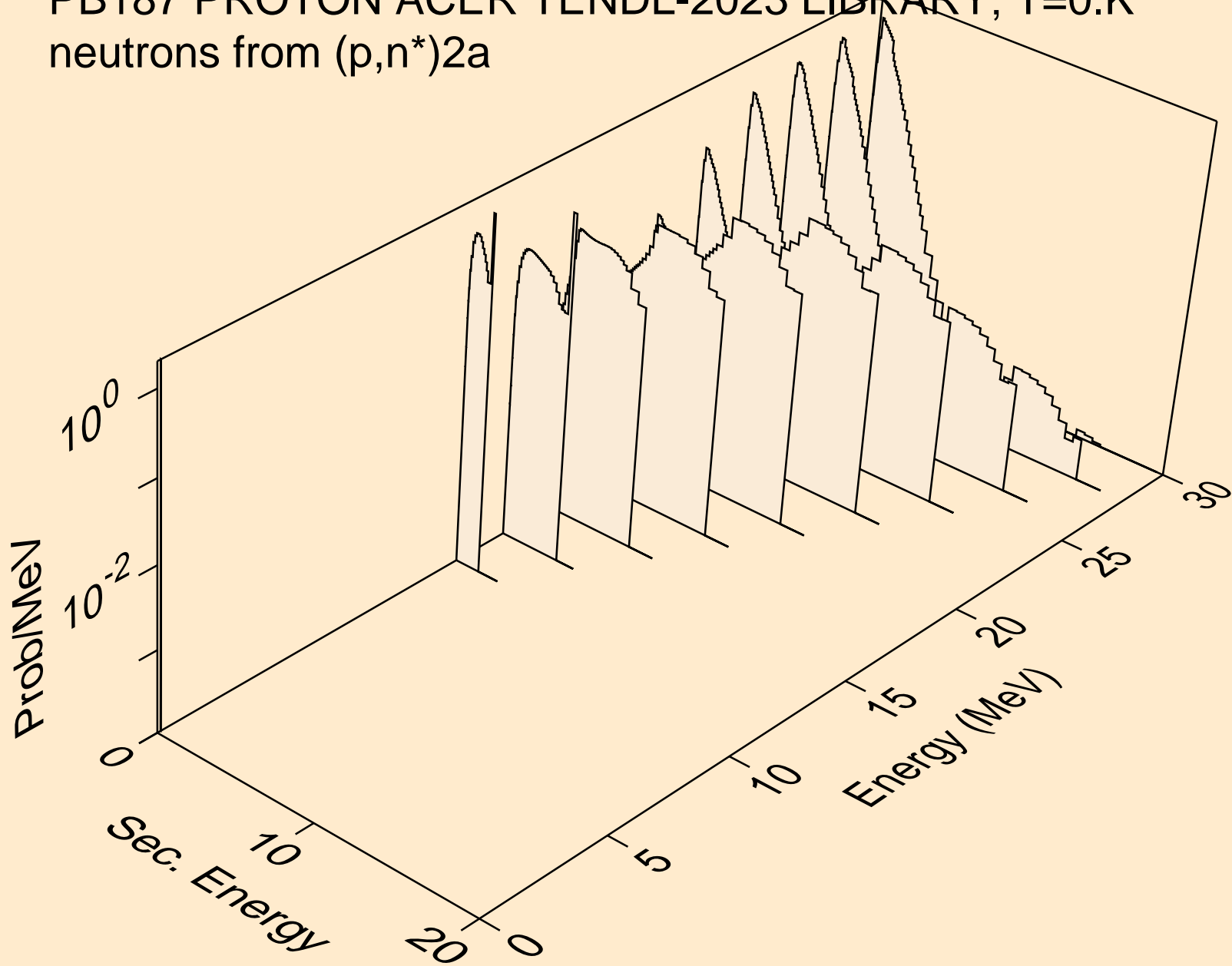
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



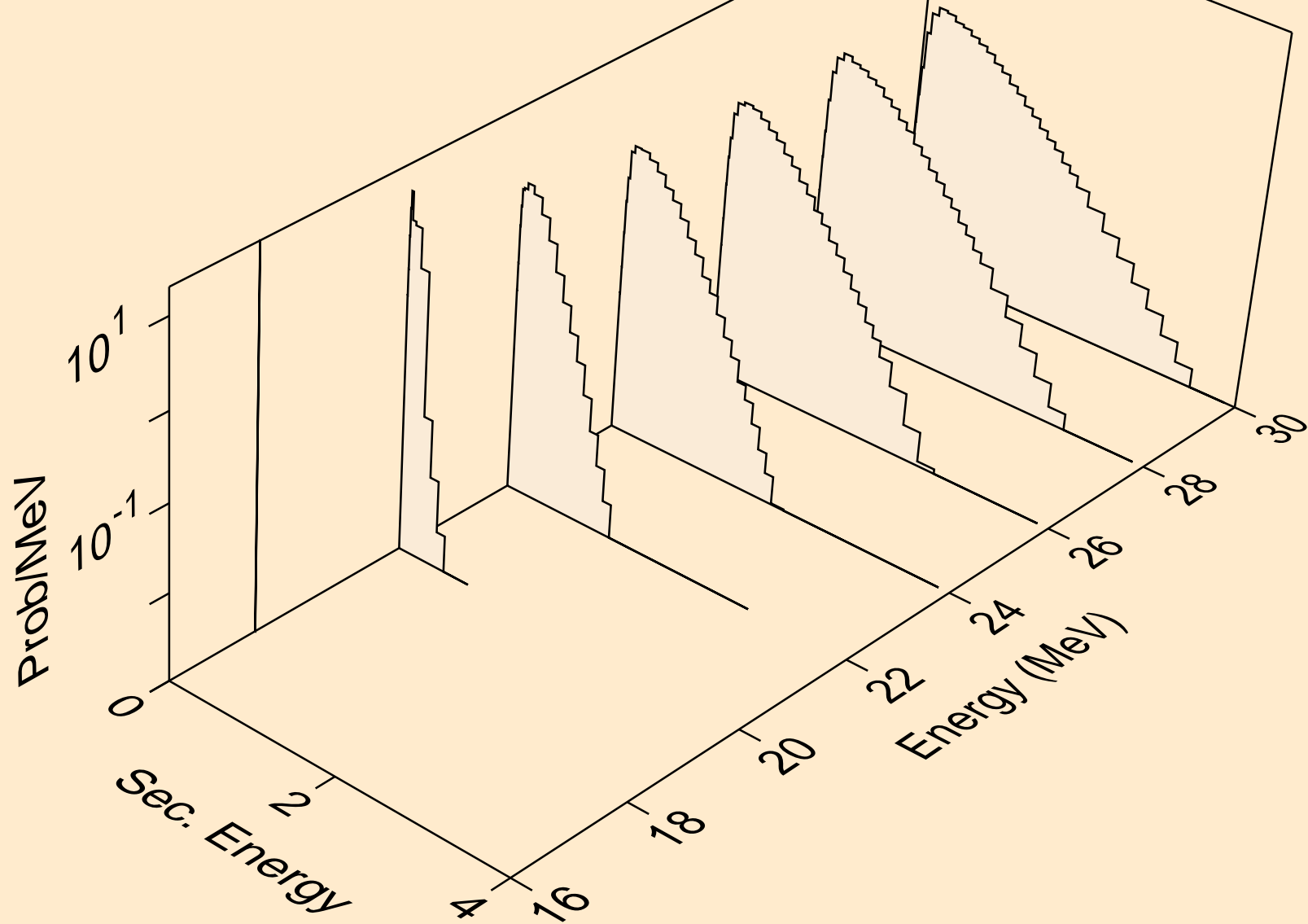
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

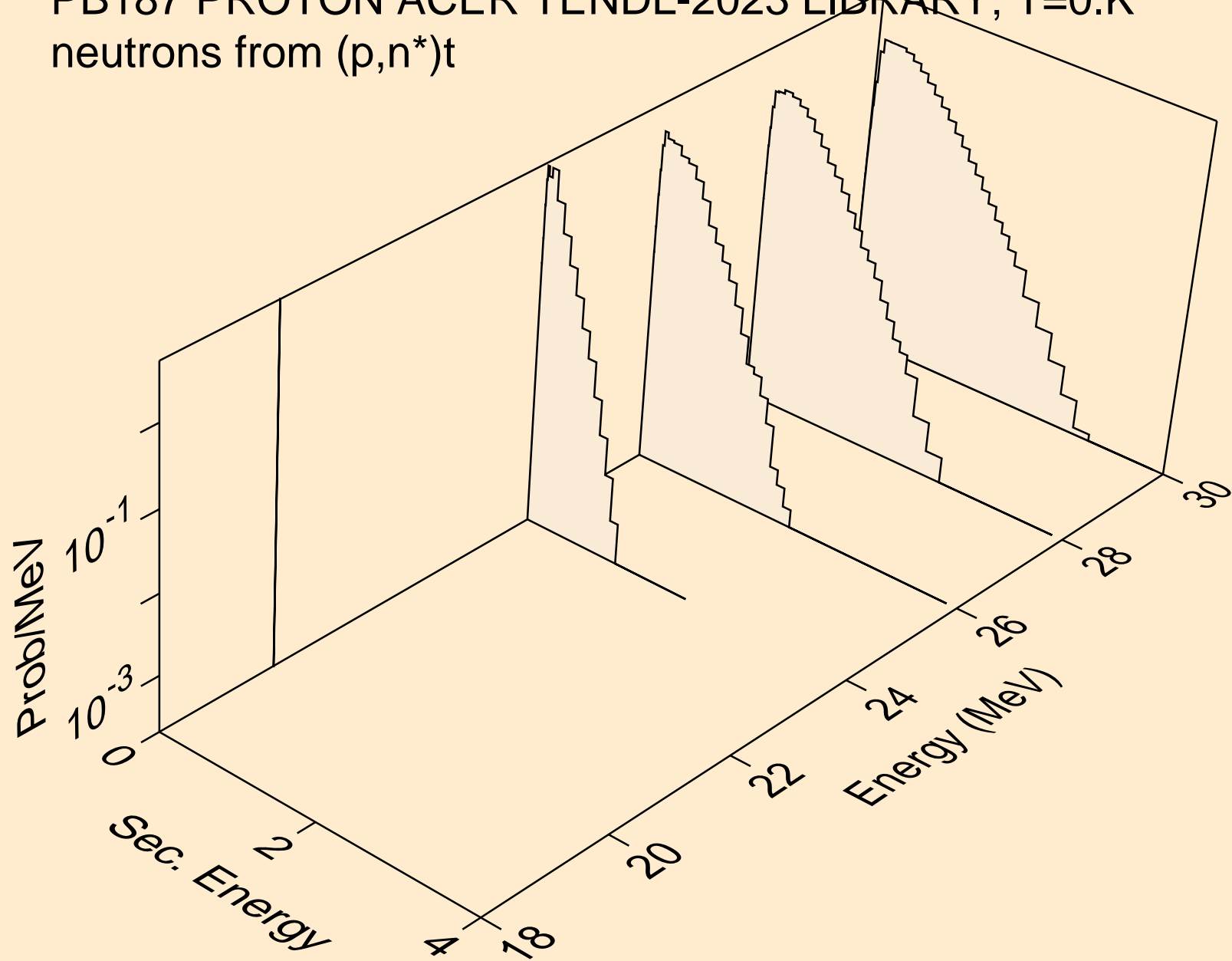


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

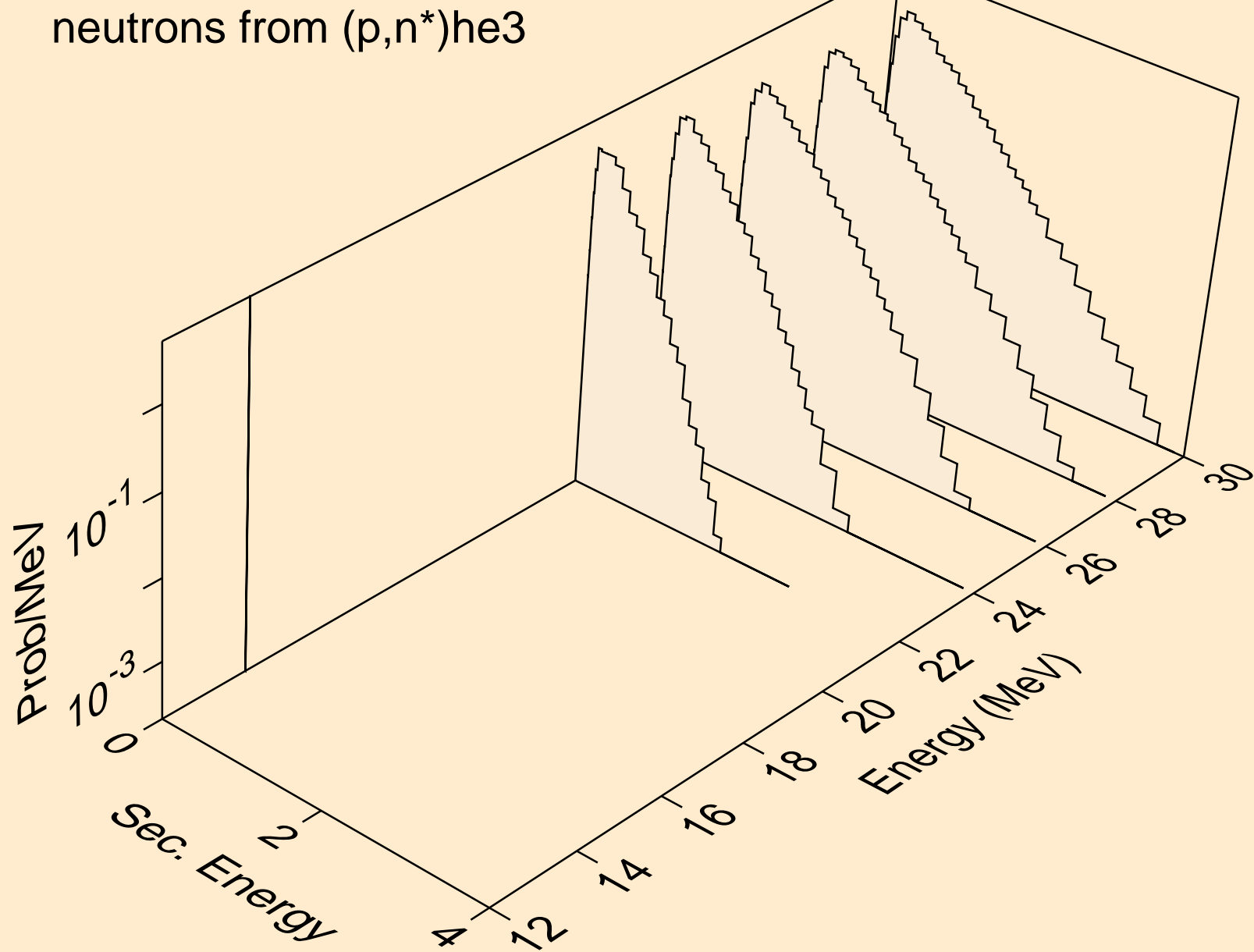




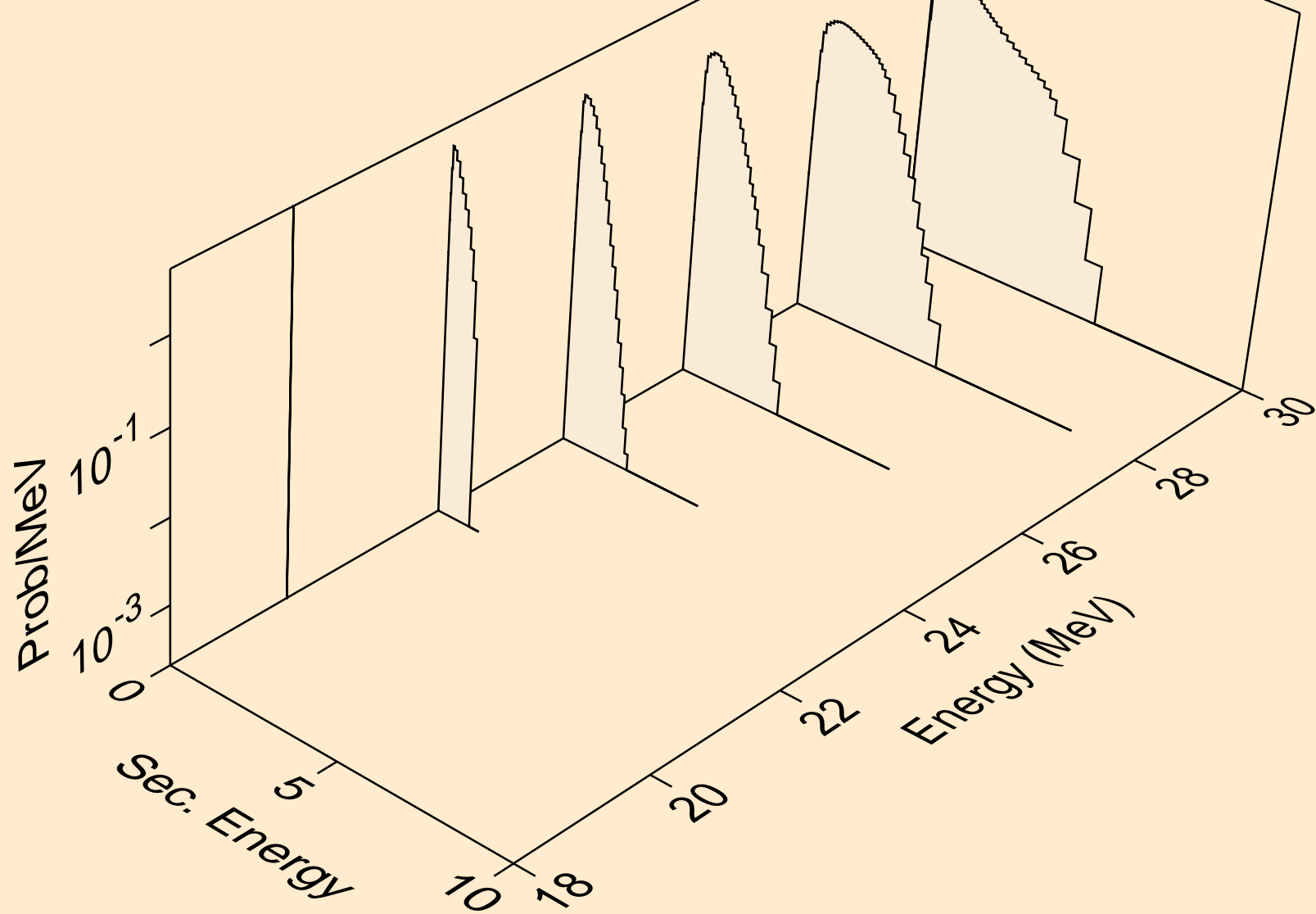
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neutrons from (p,n\*)t



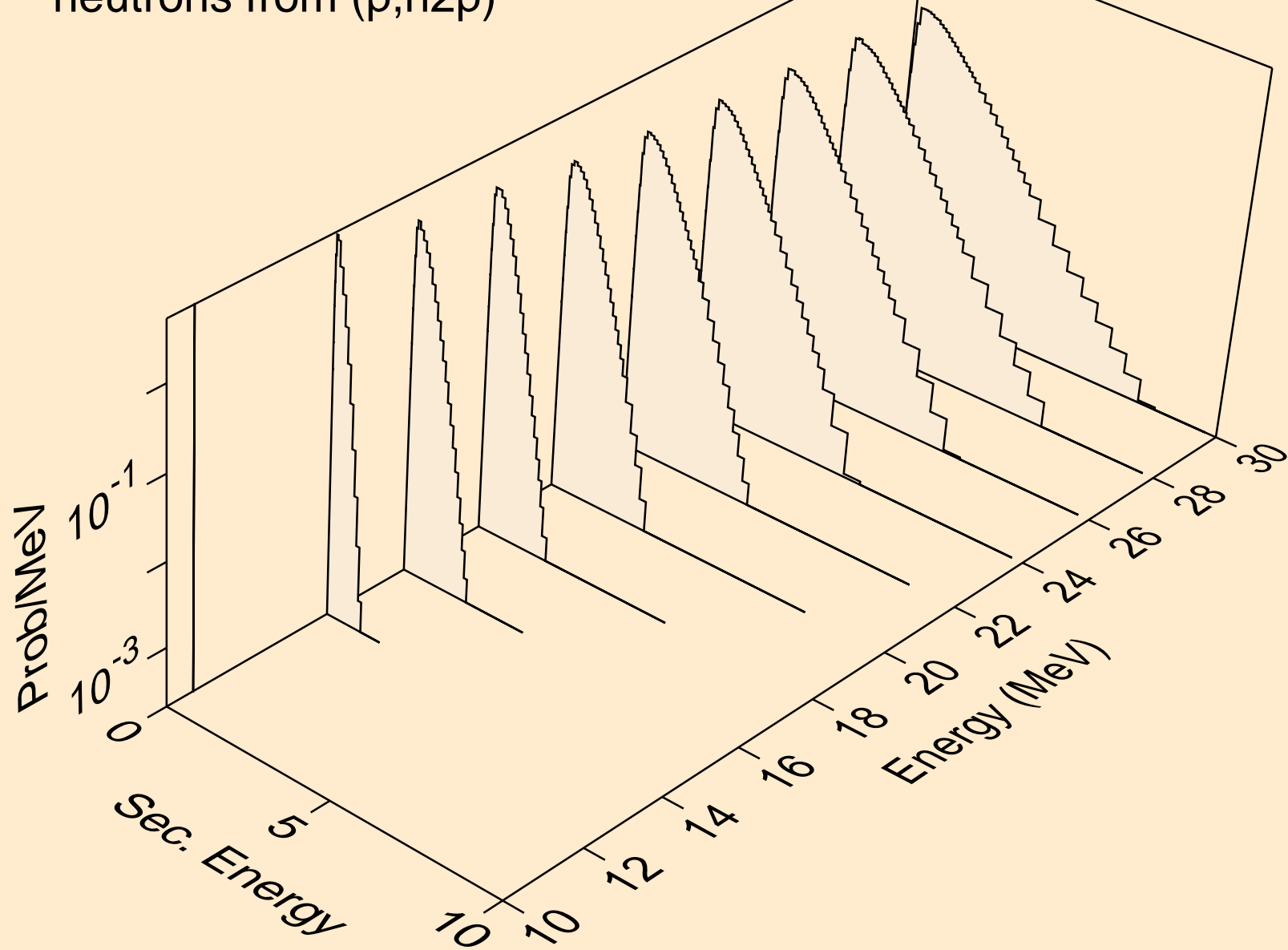
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



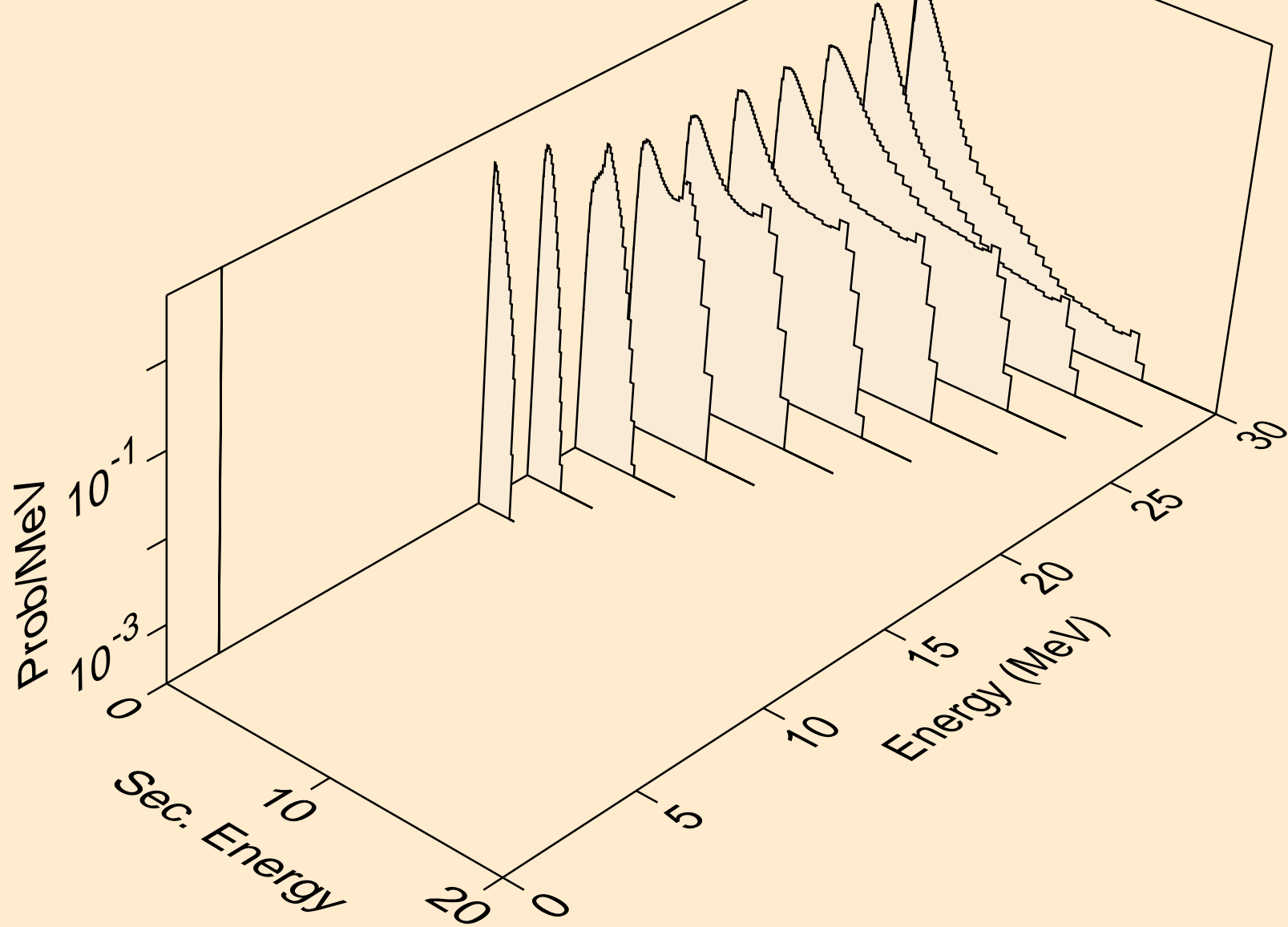
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neutrons from (p,2np)



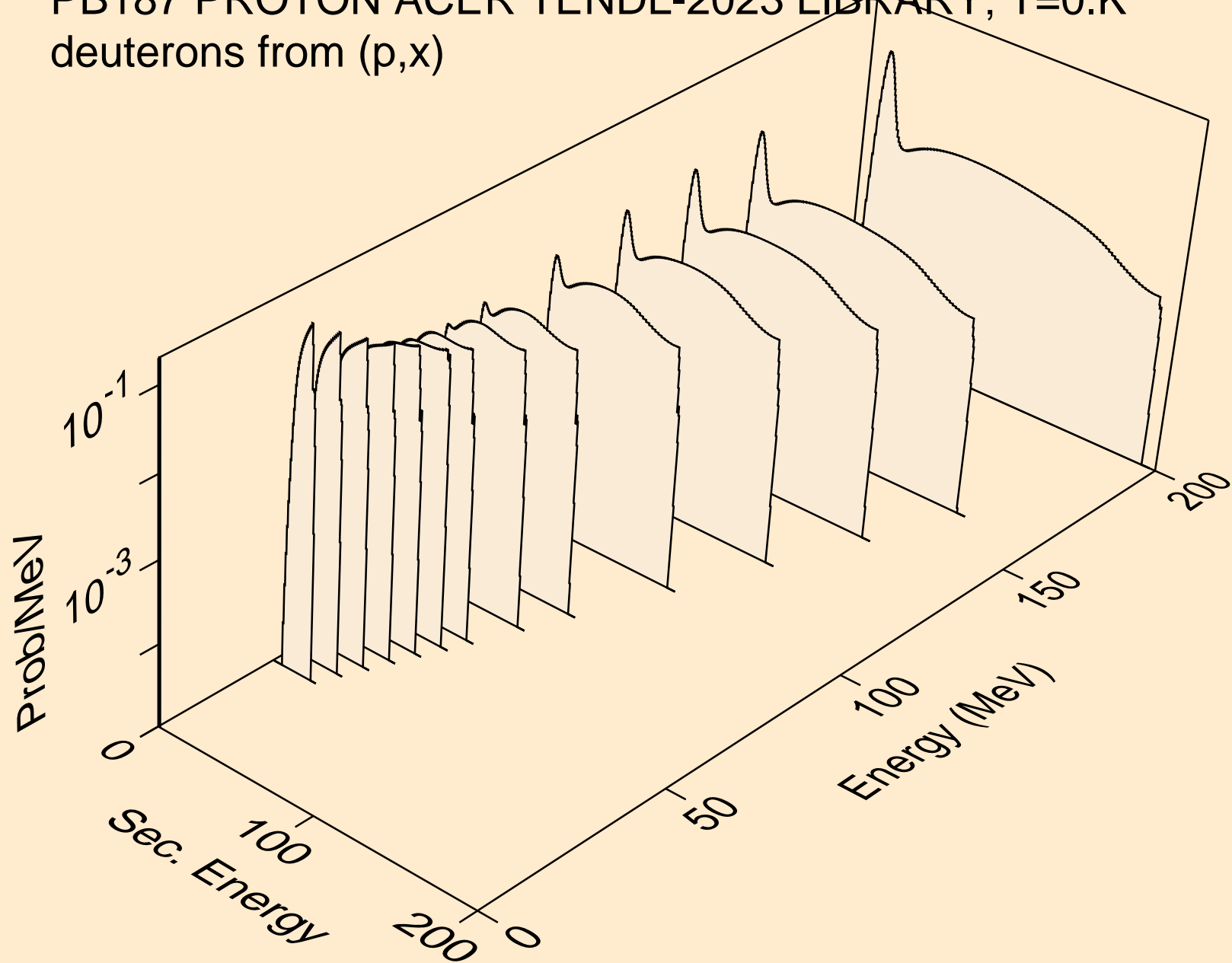
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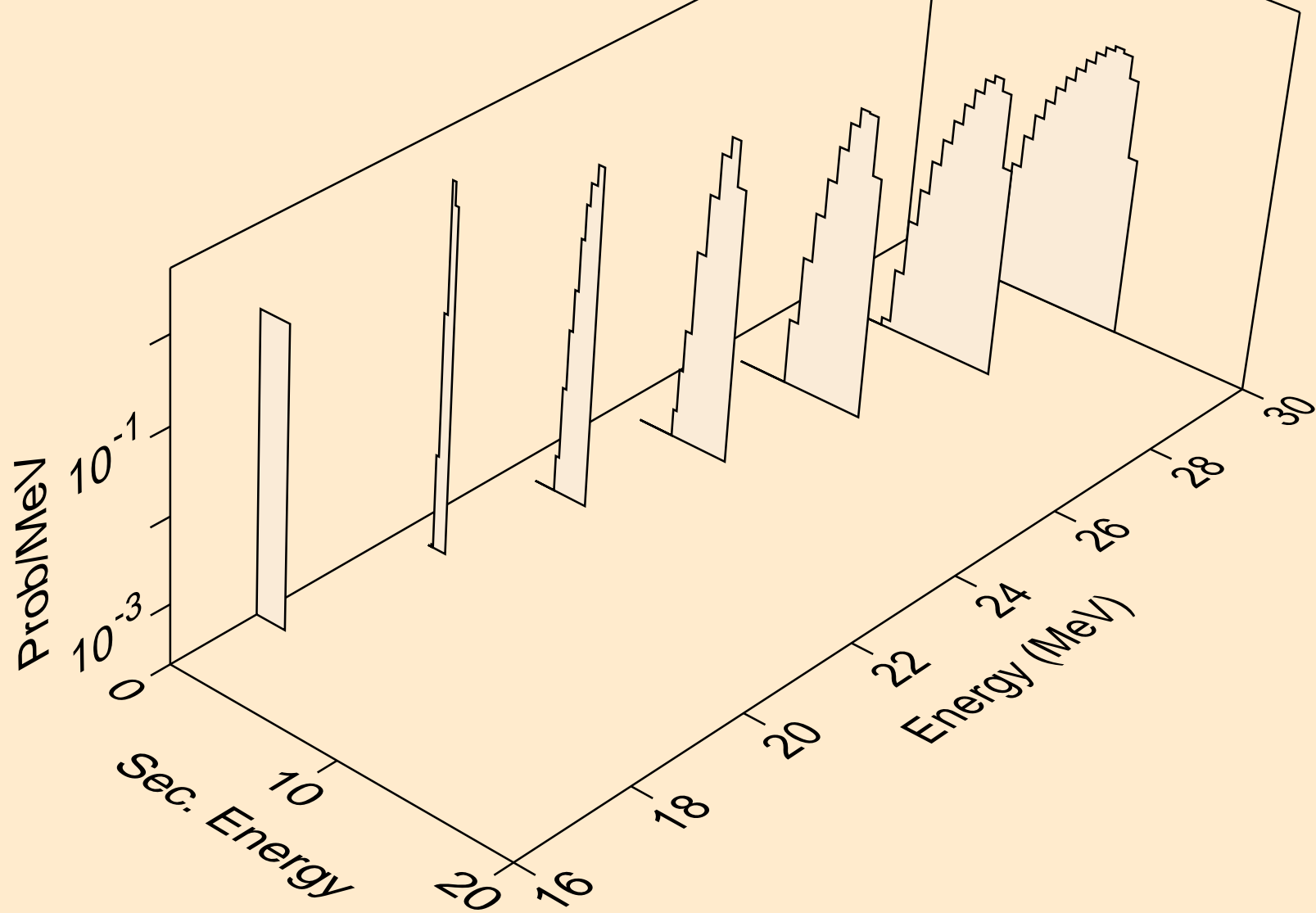
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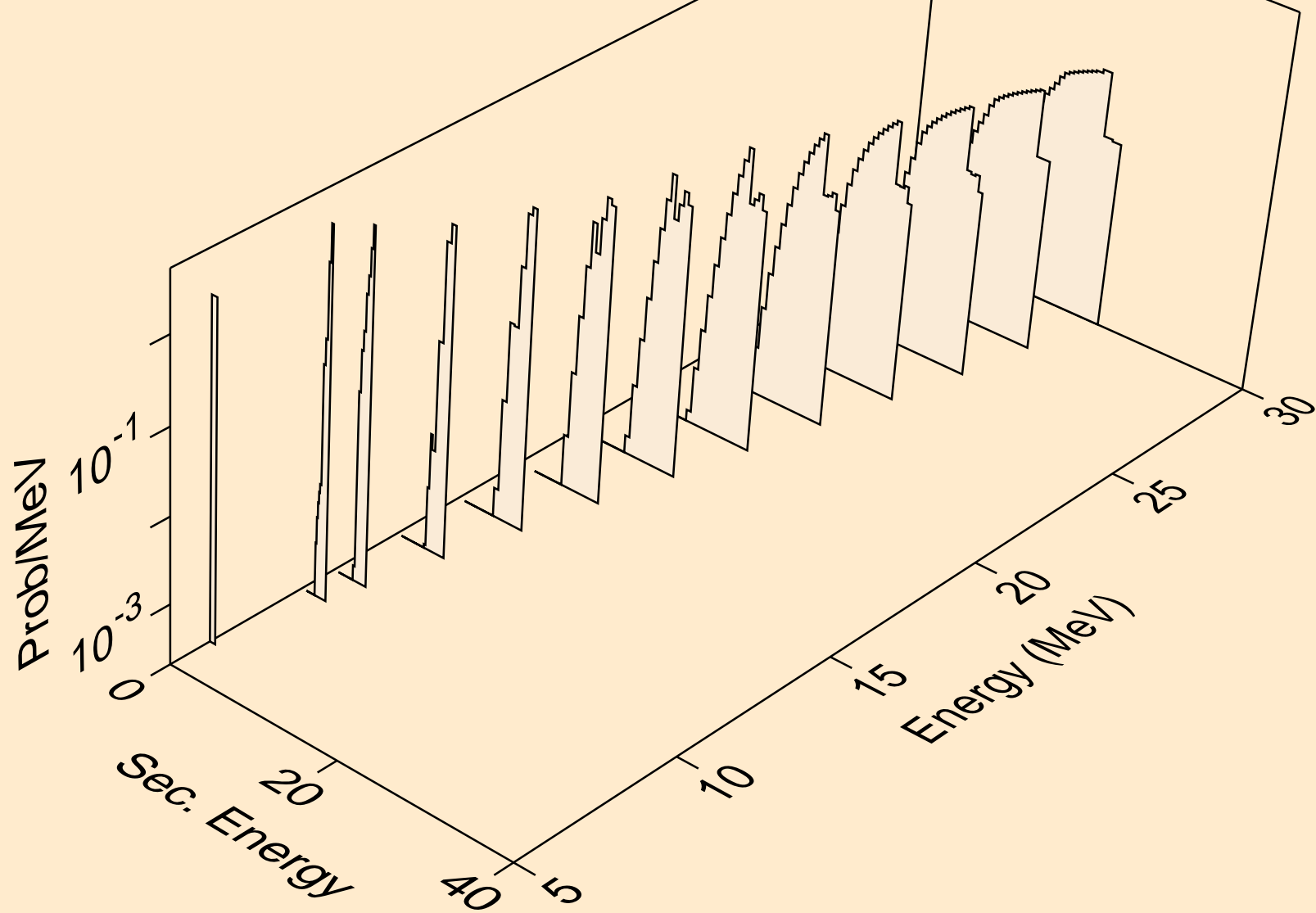
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

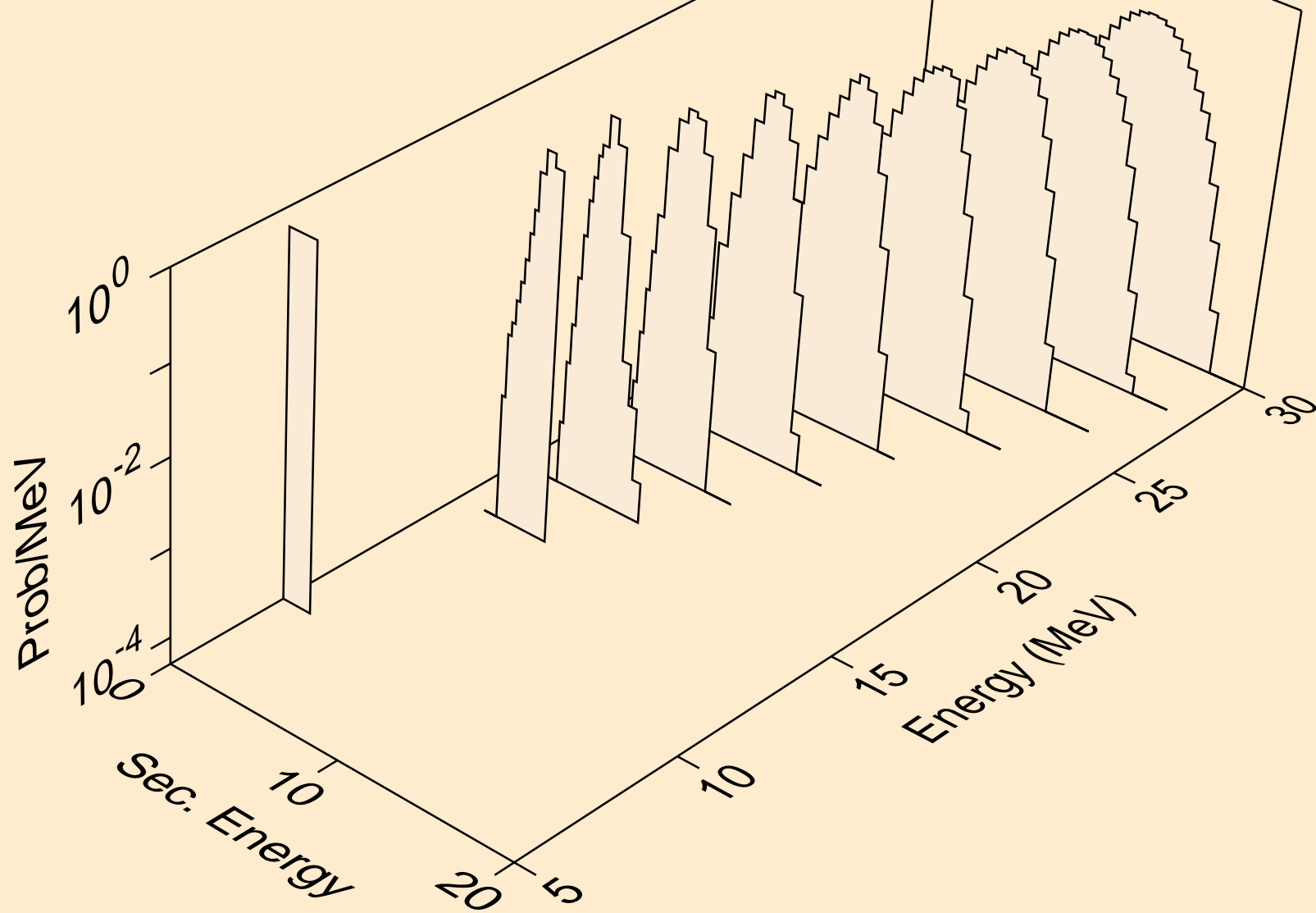


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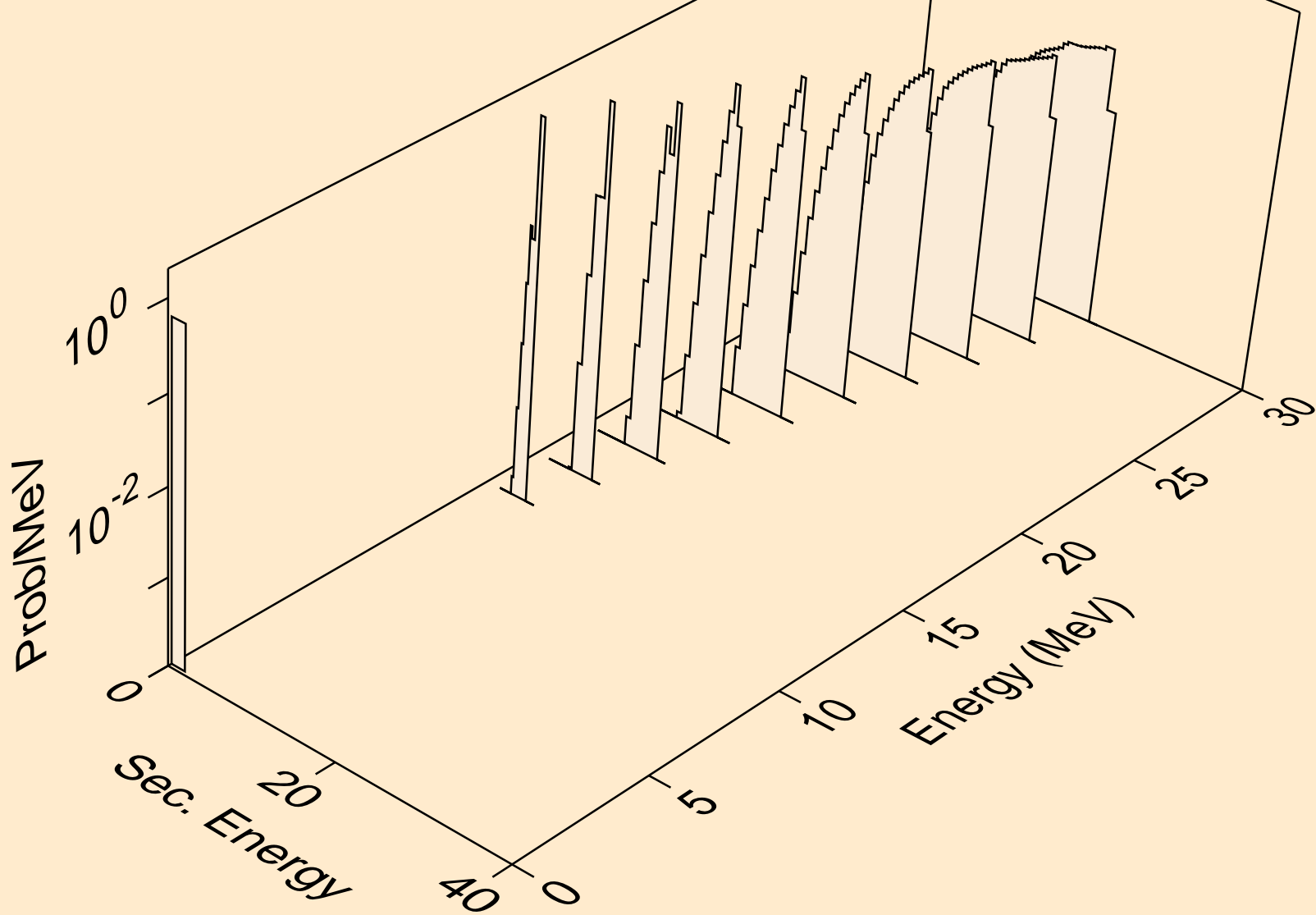




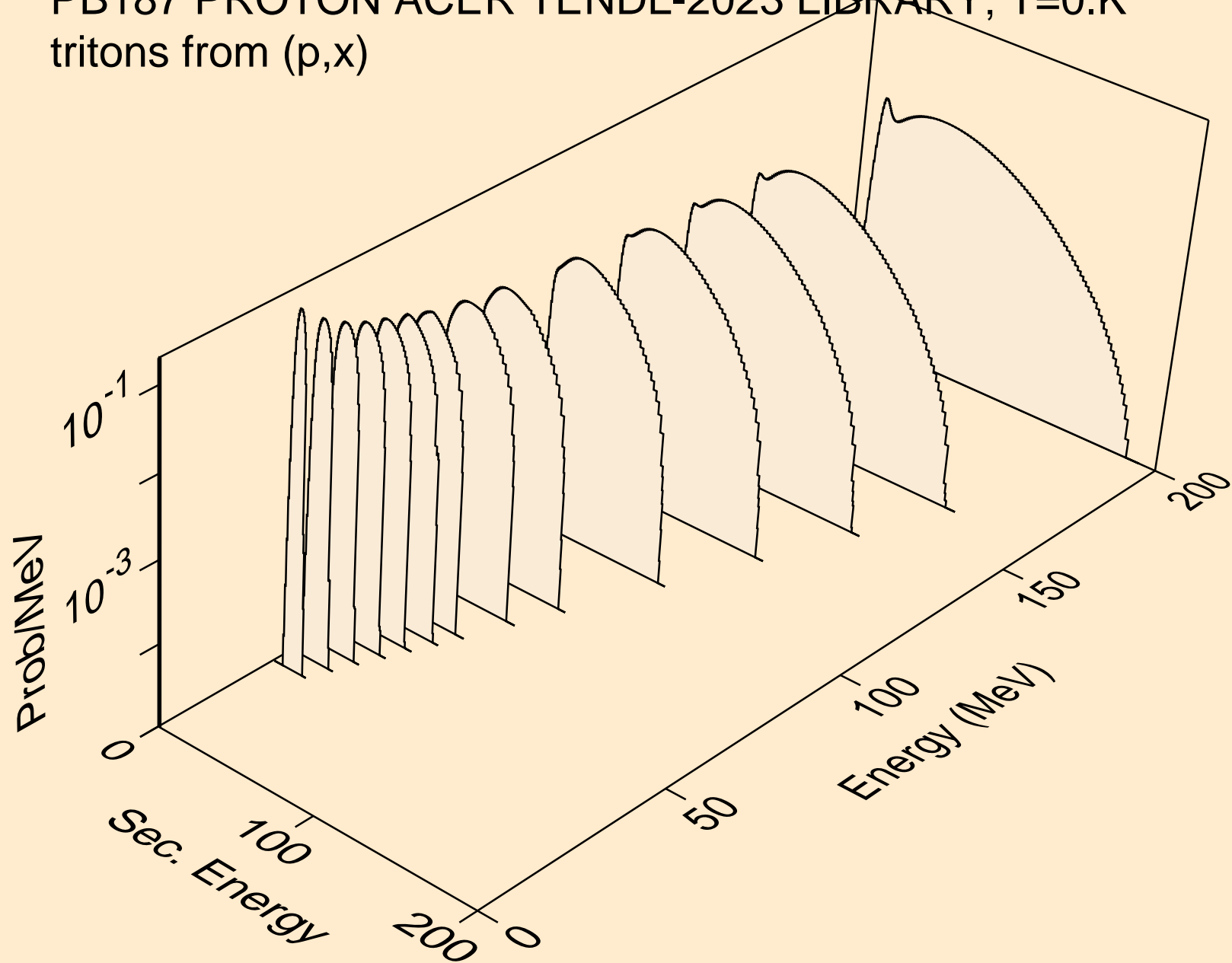
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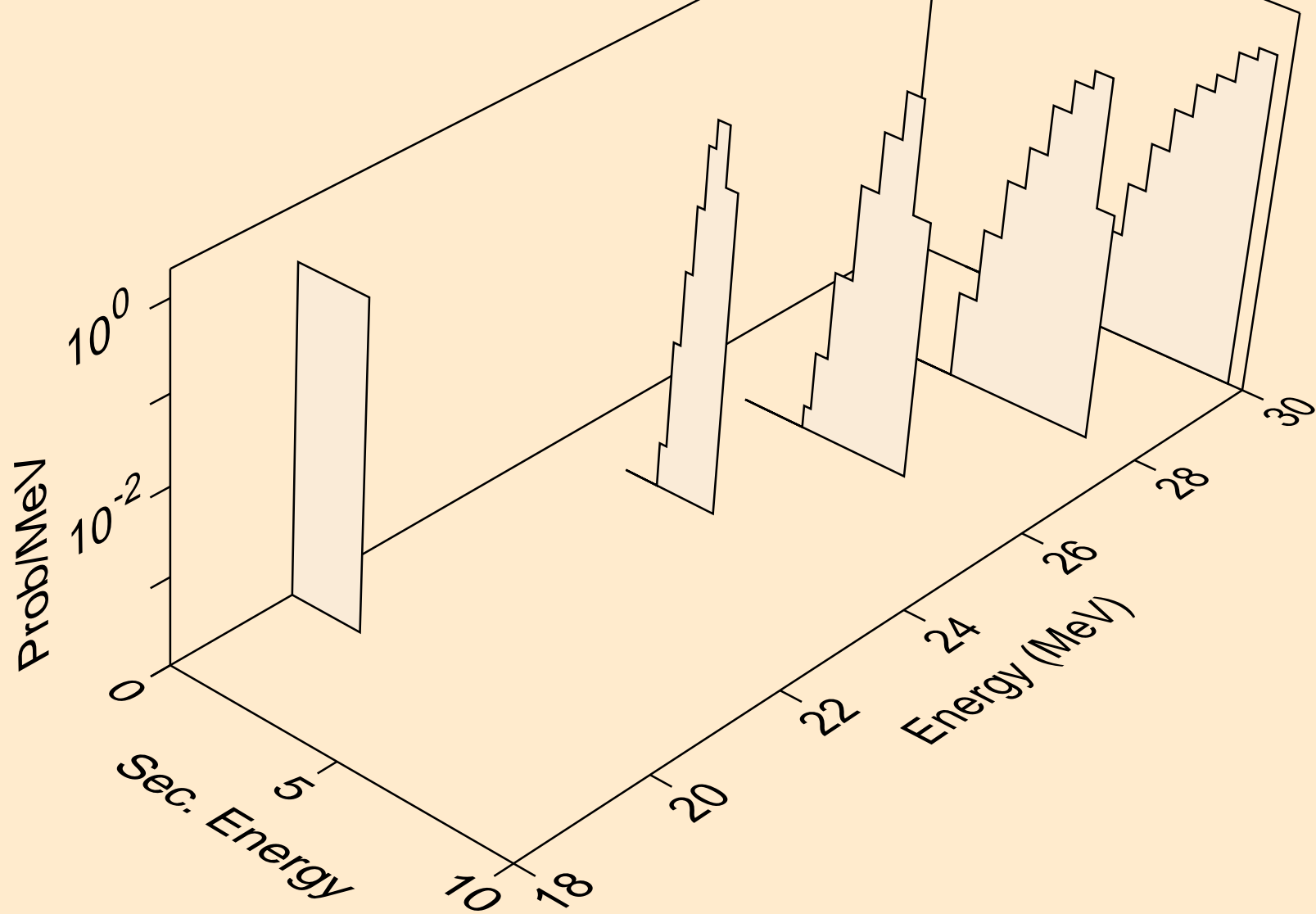
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deuterons from (p,da)



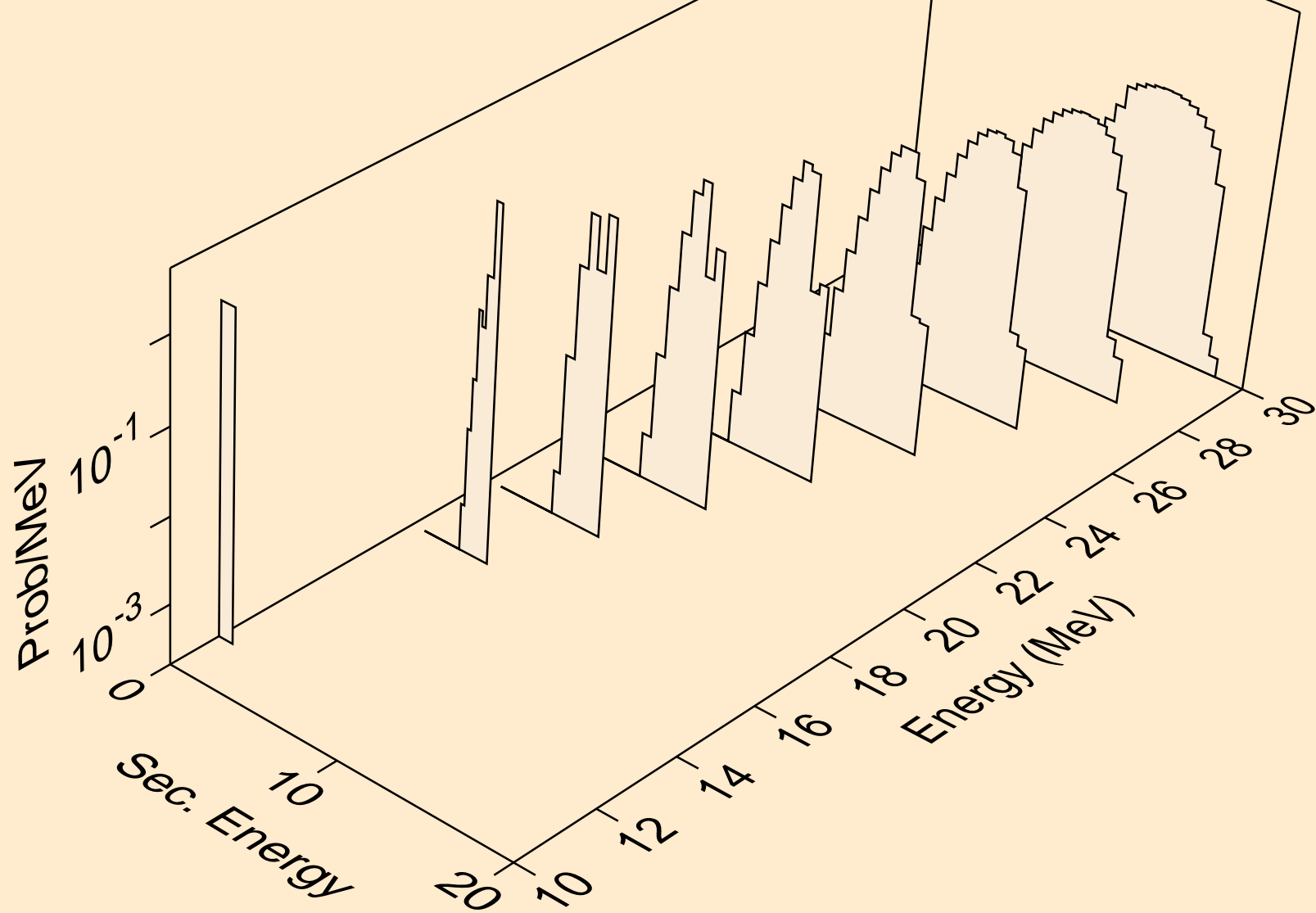
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



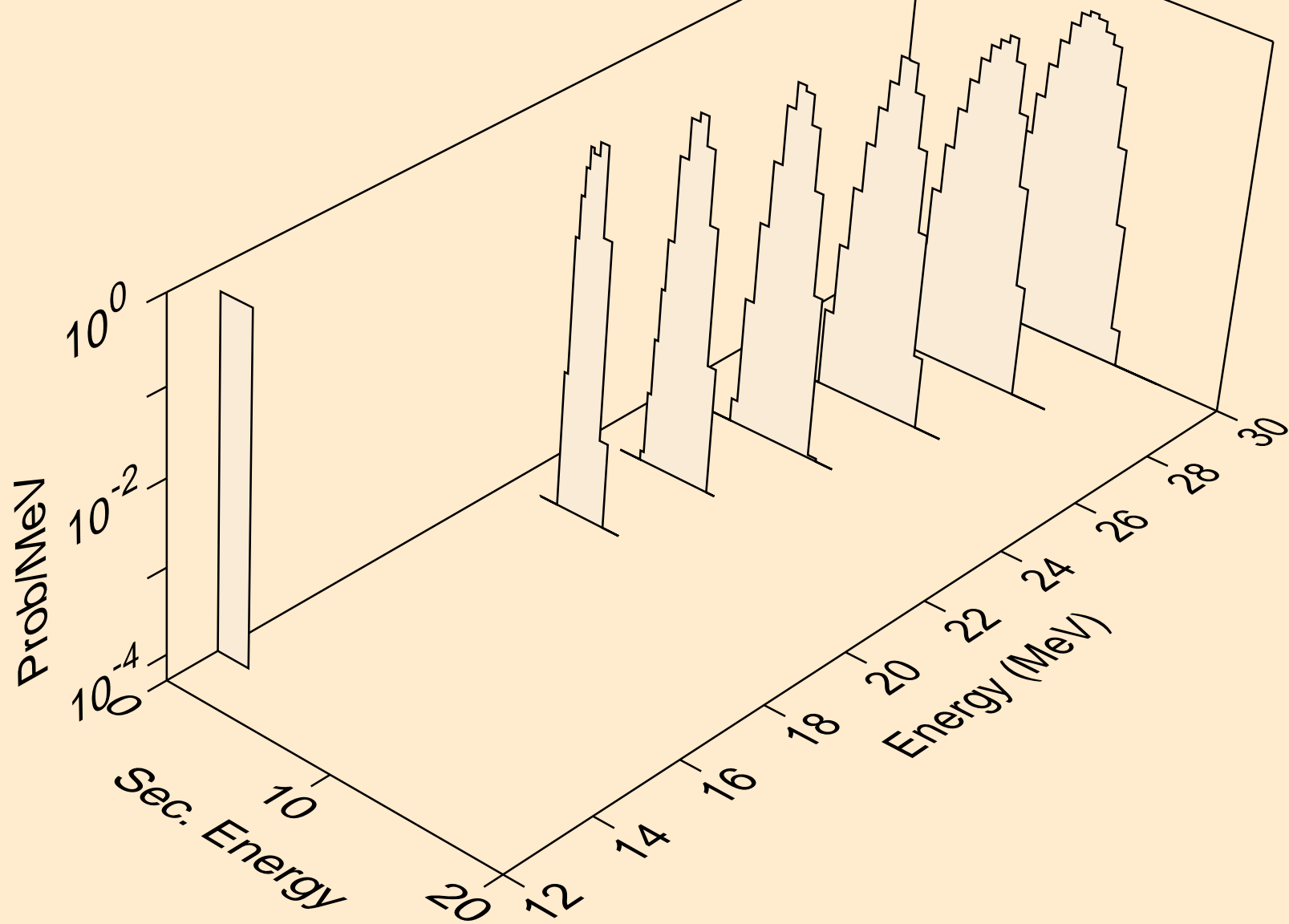
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



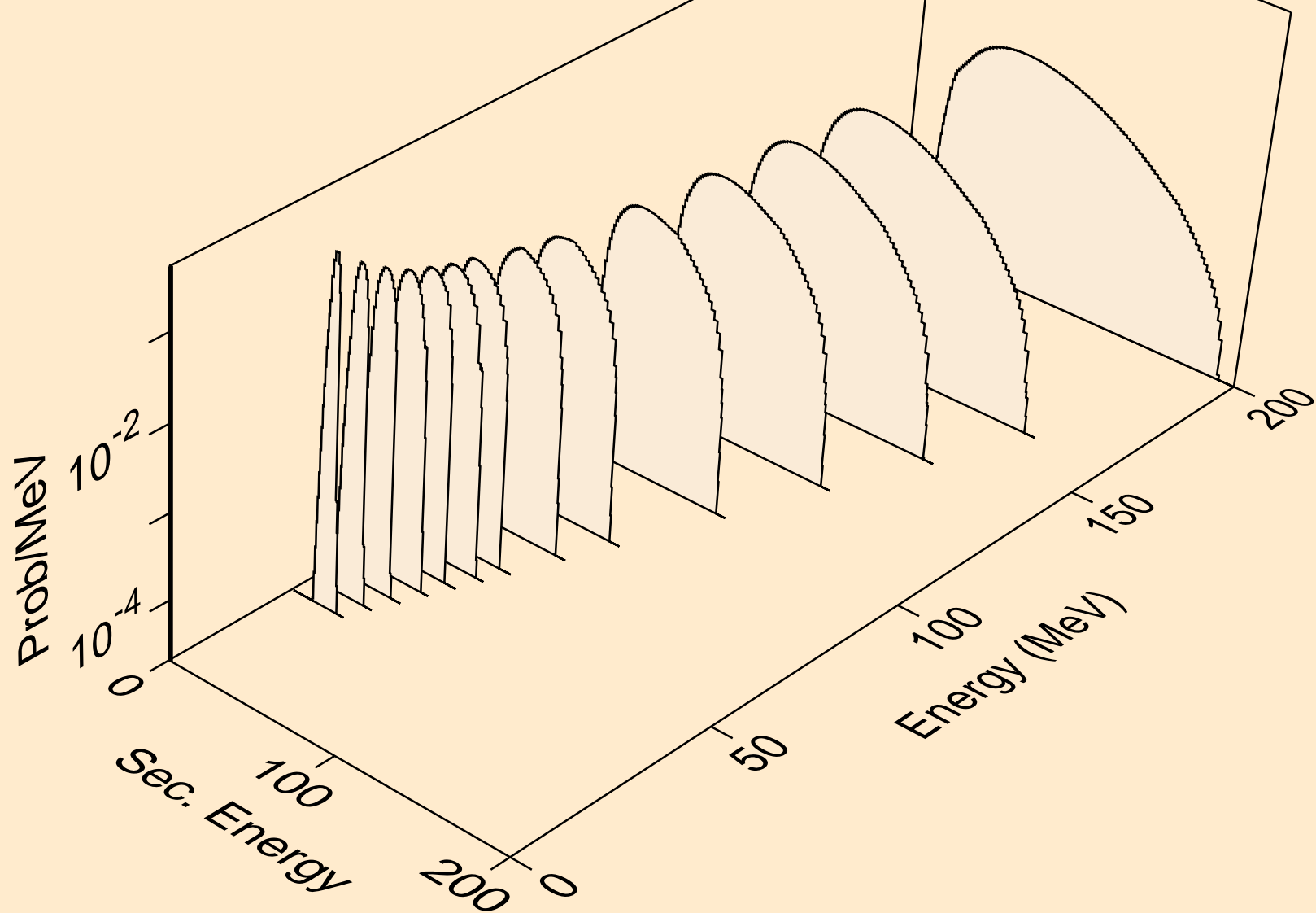
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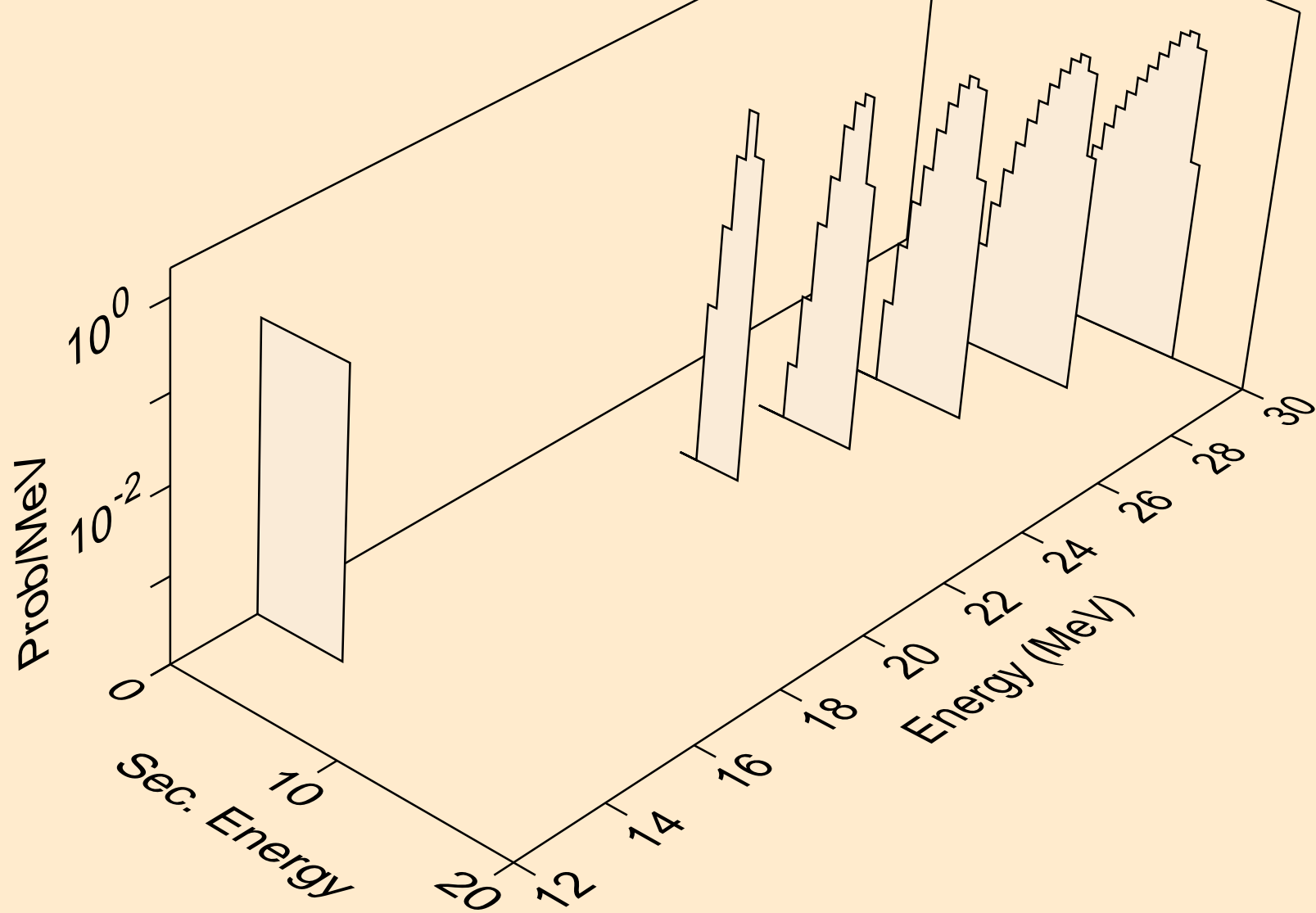
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

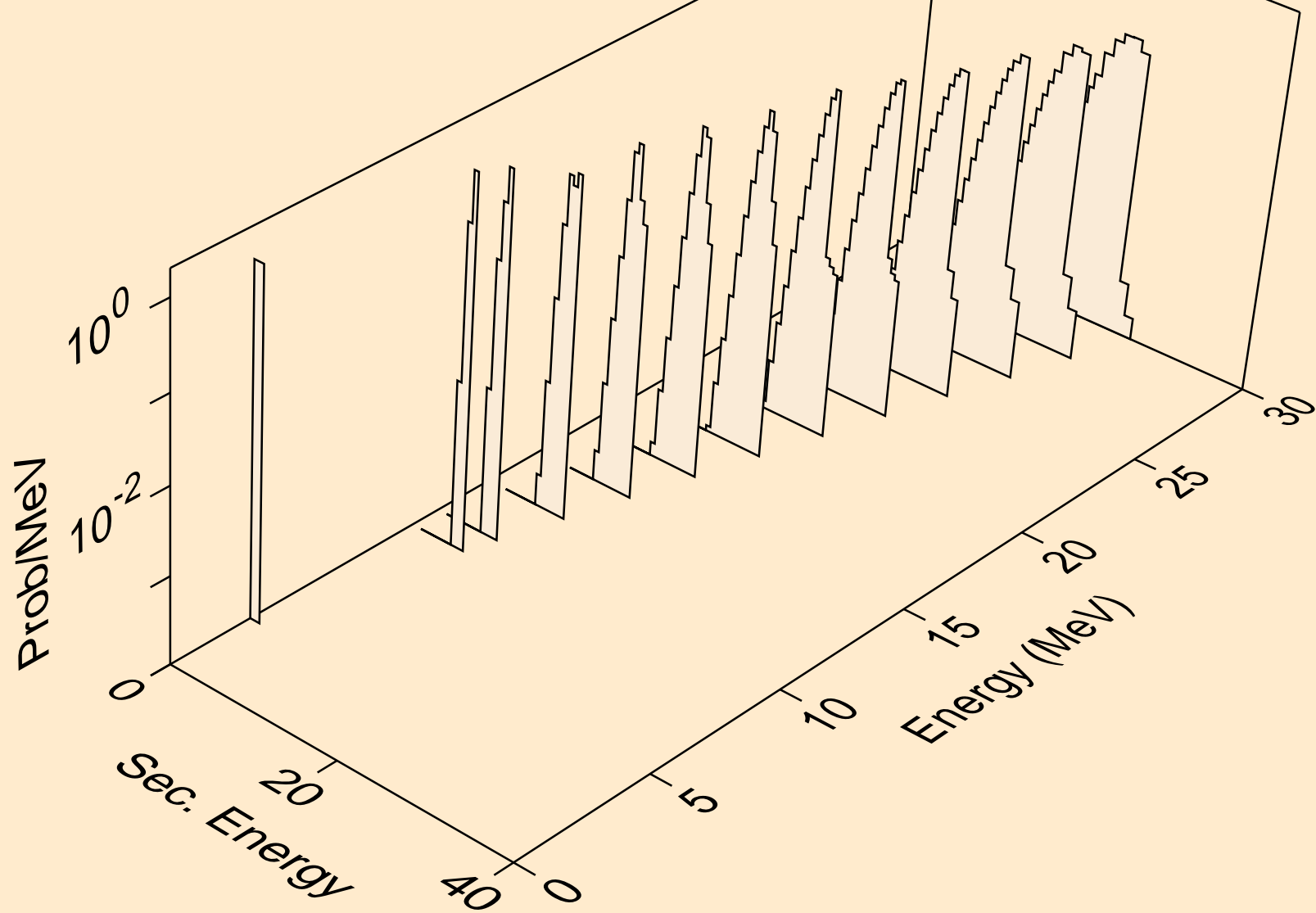


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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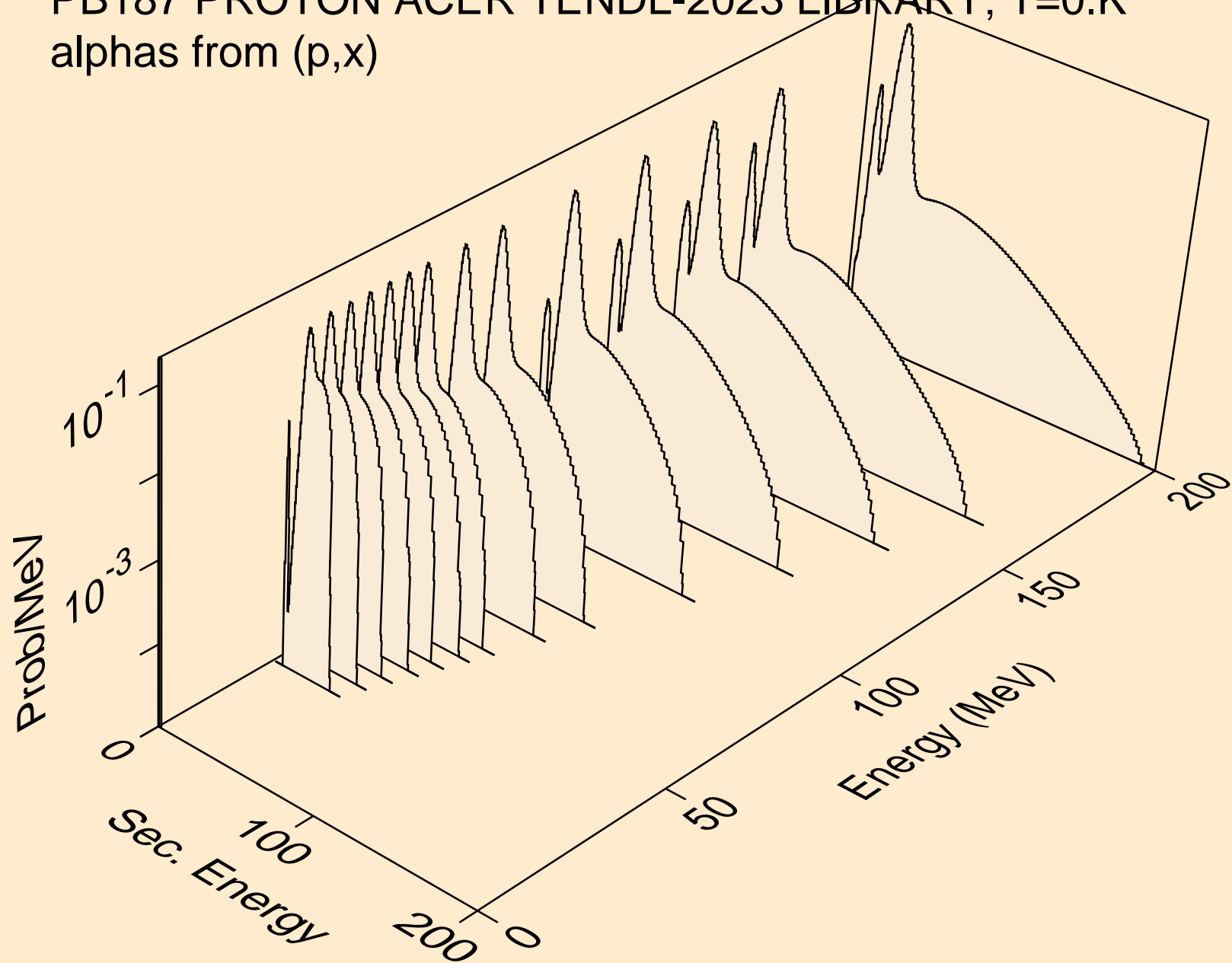




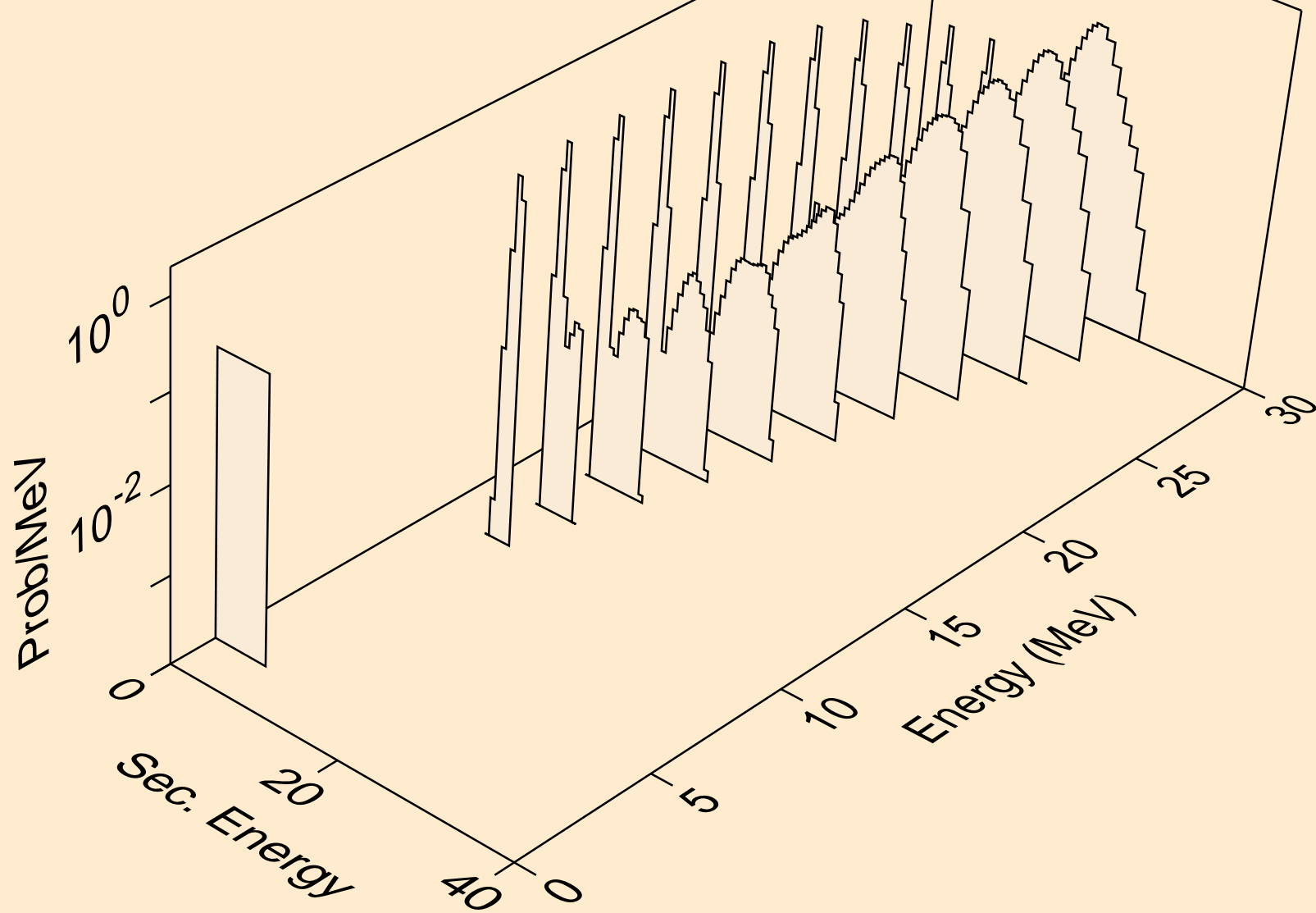
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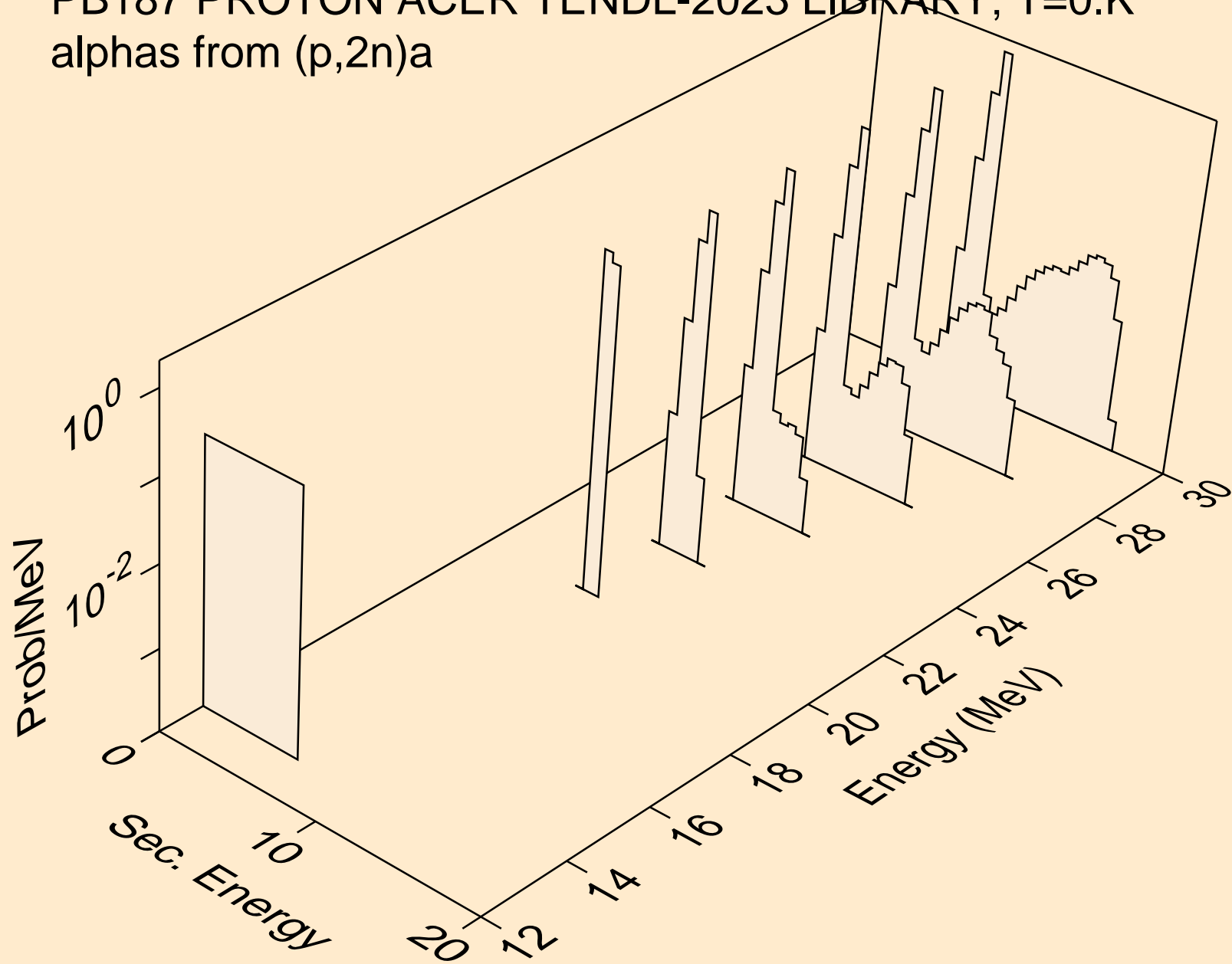
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



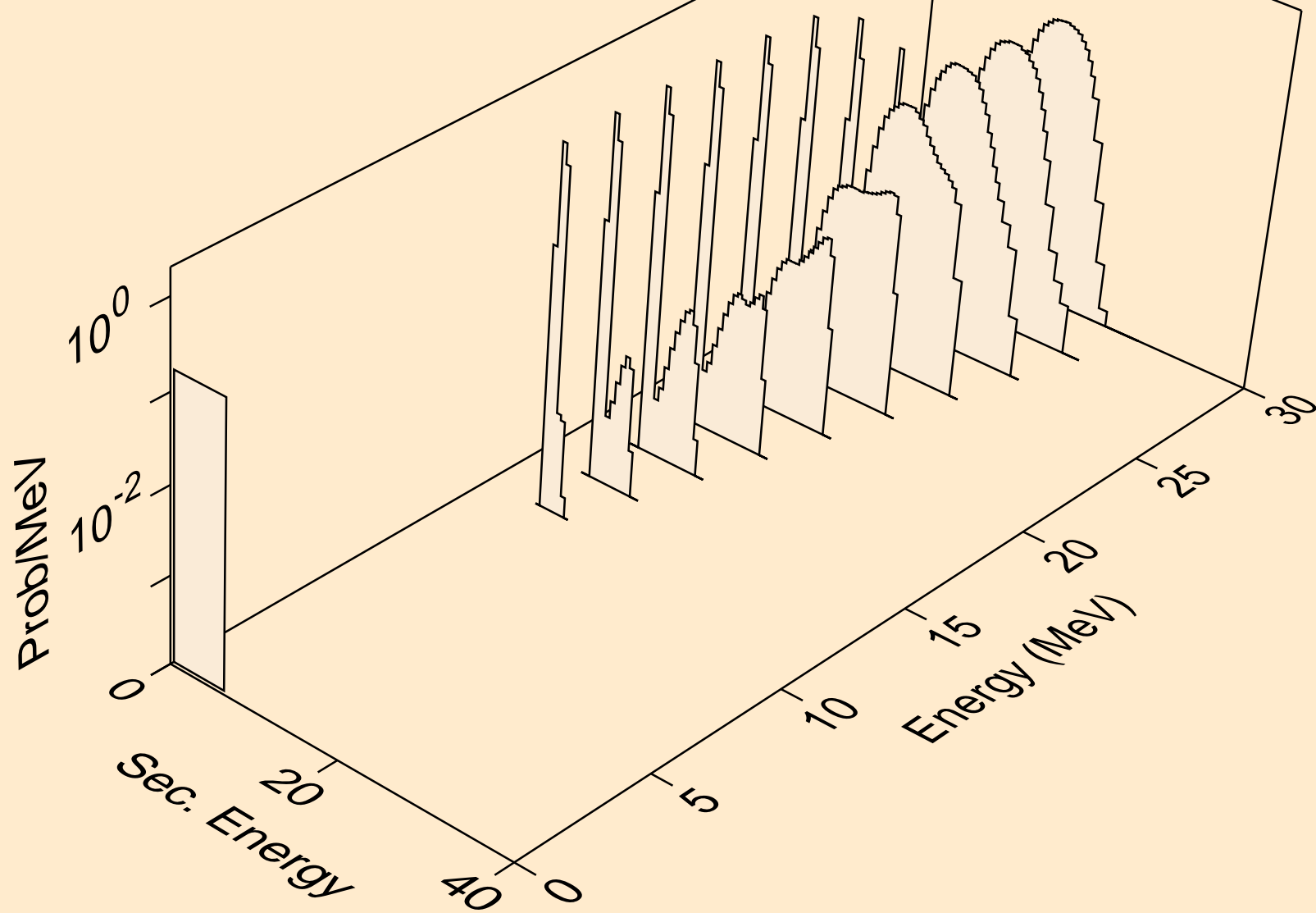
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



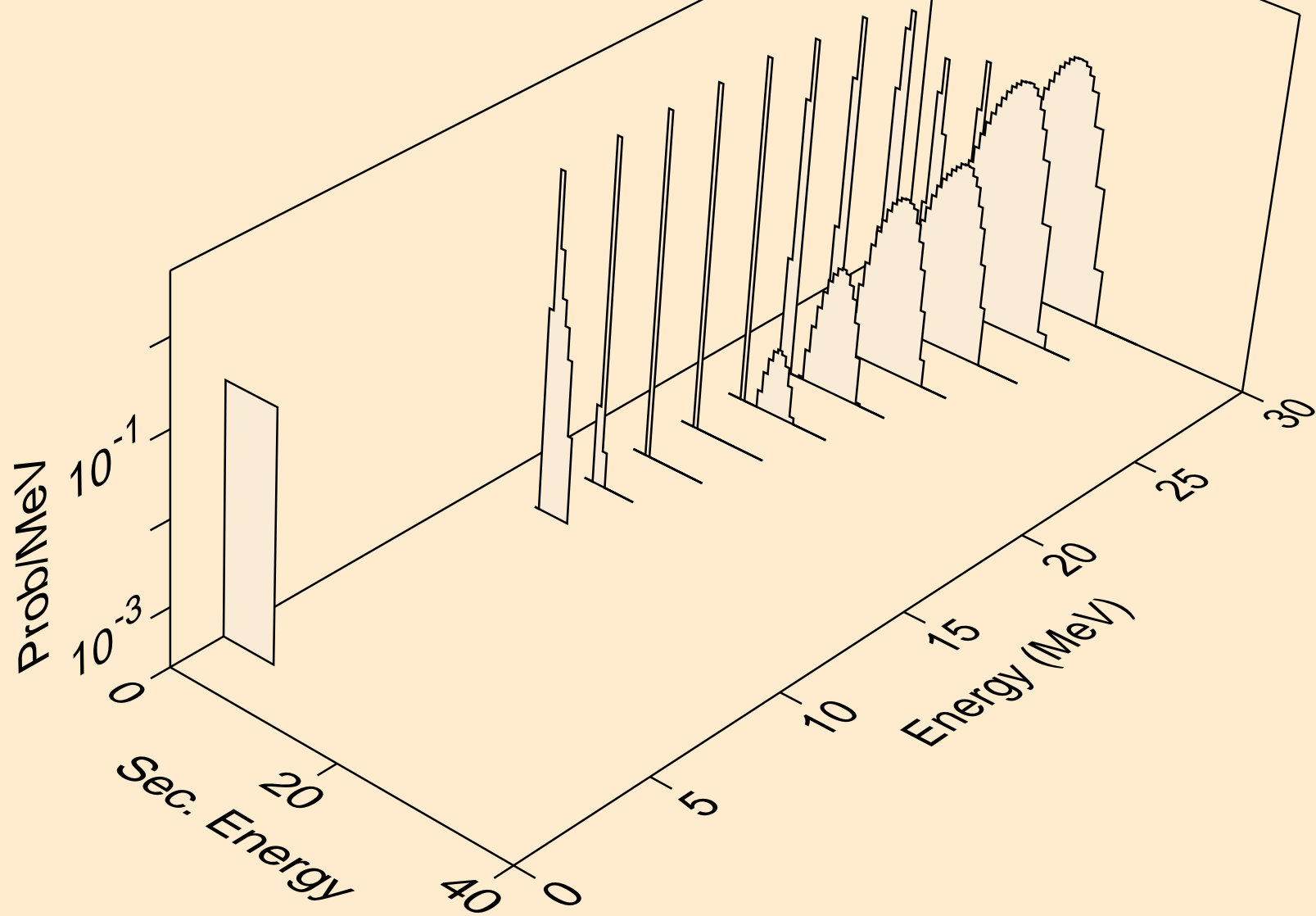
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



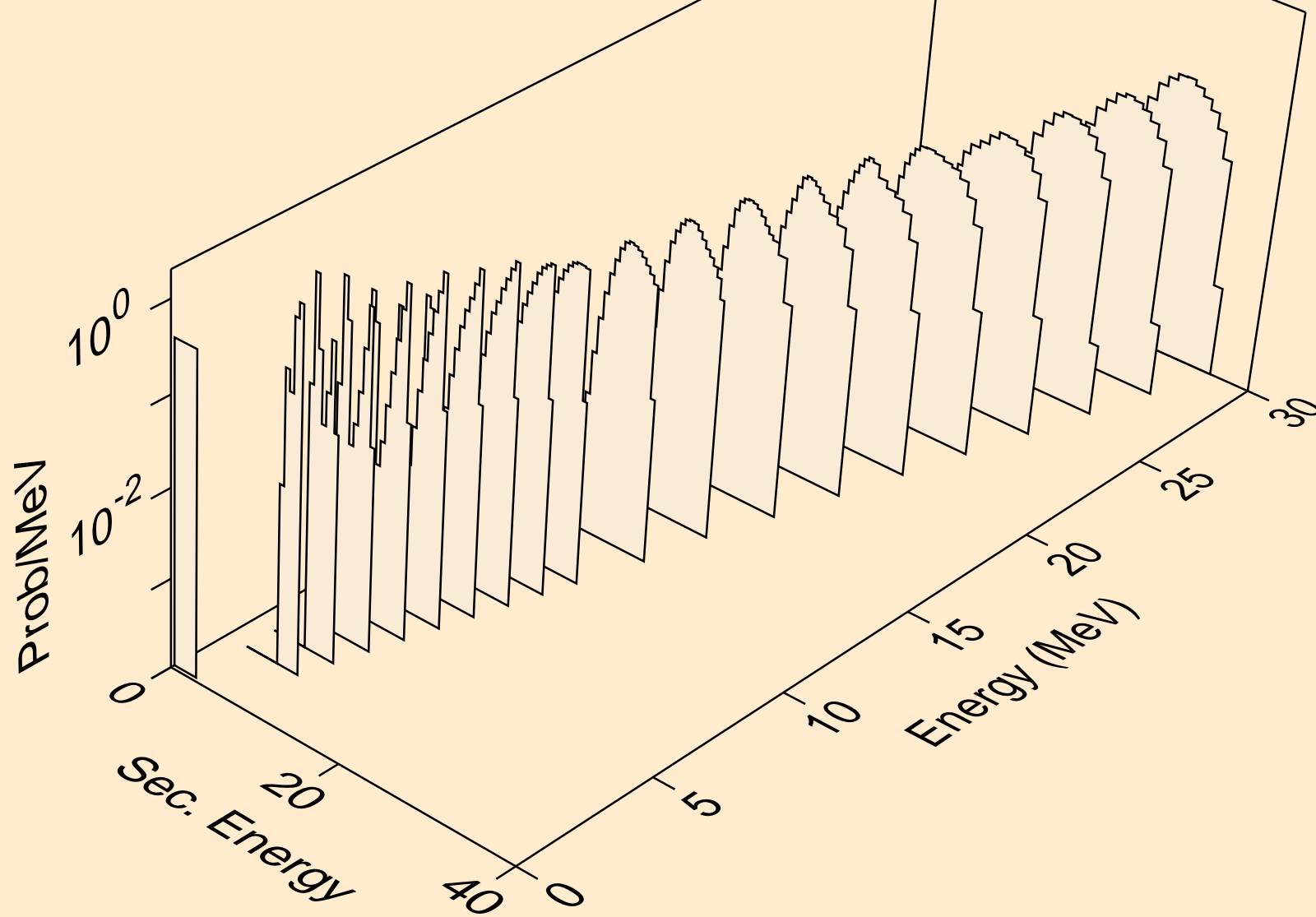
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



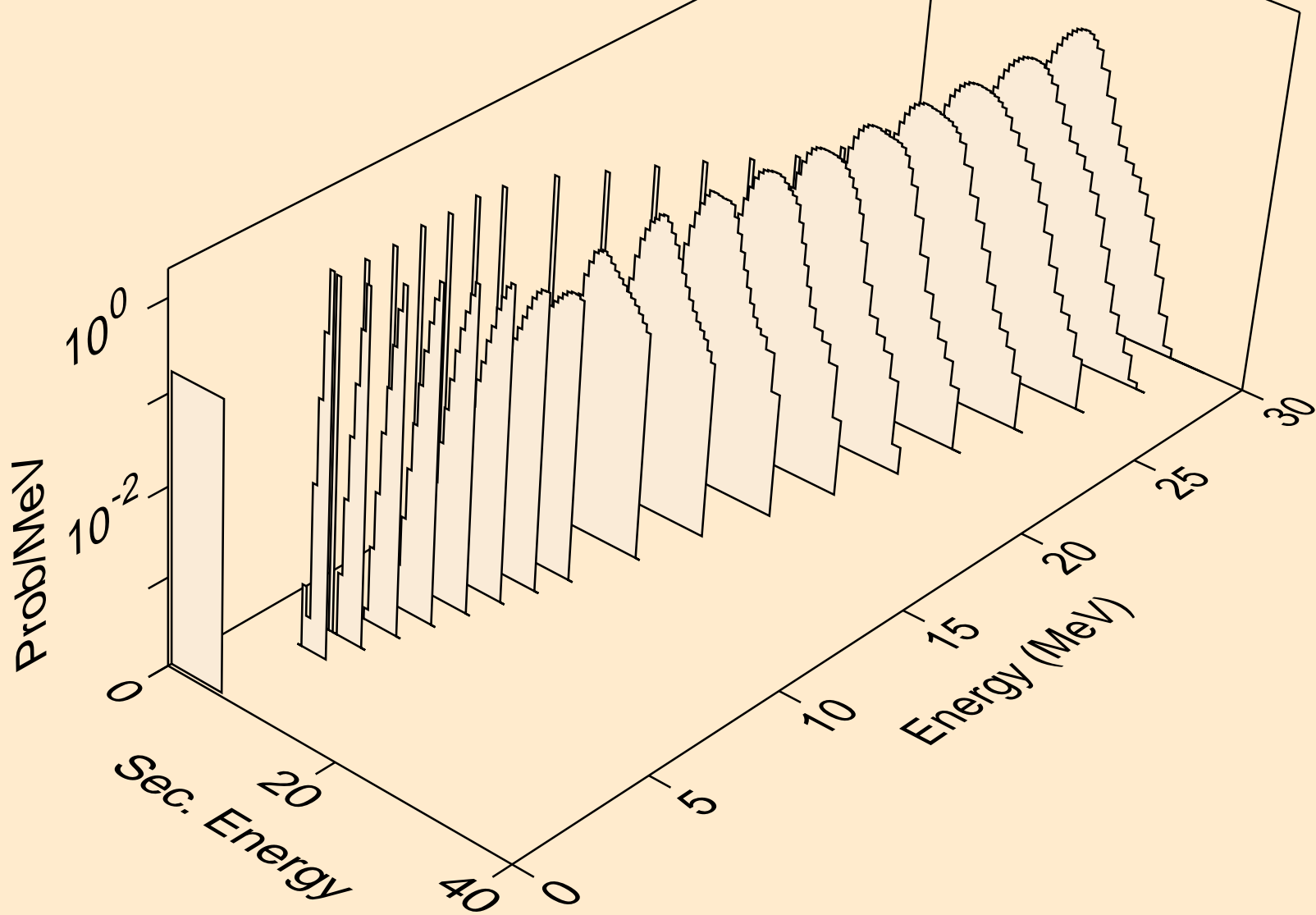
PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

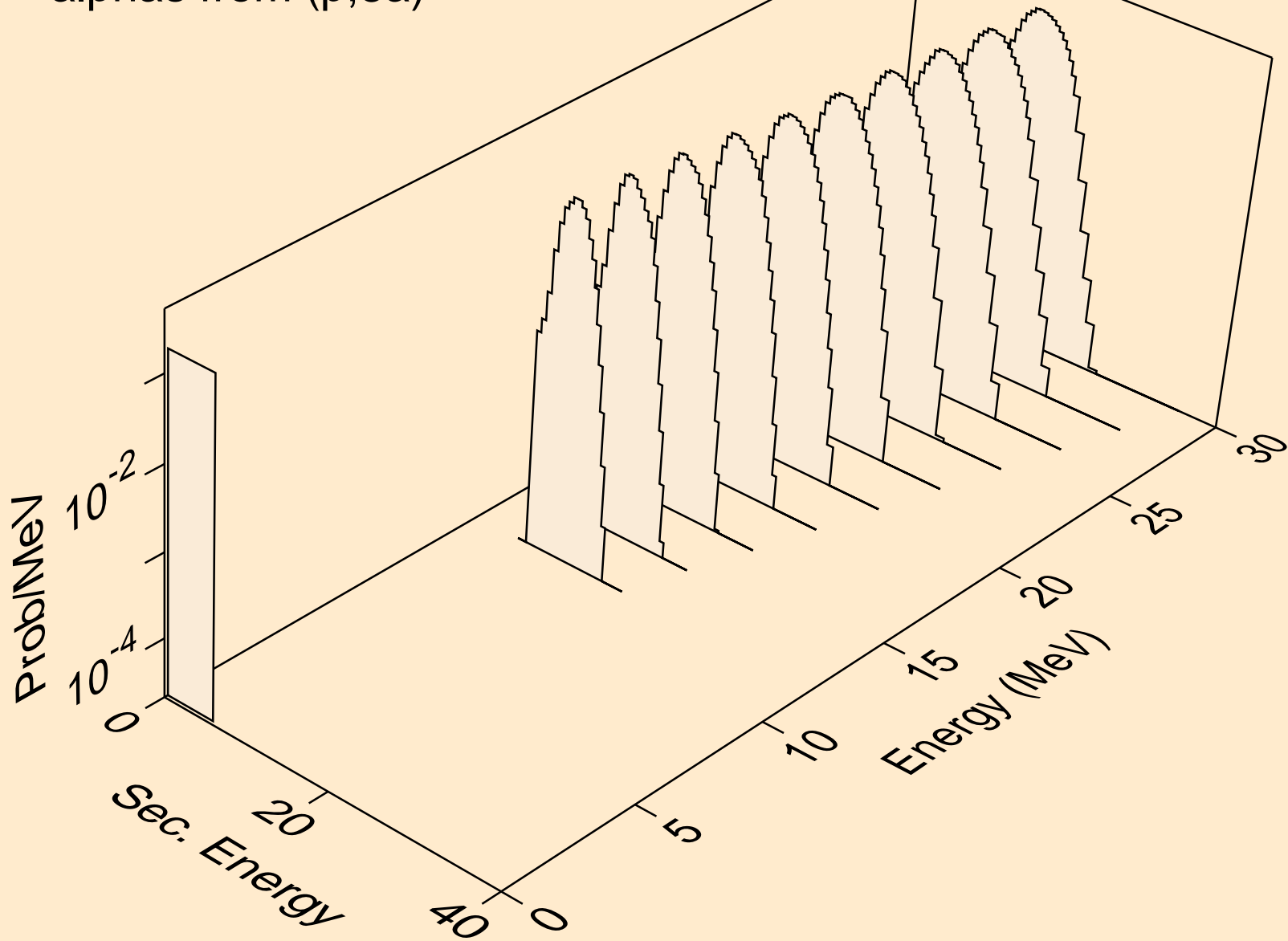


PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)

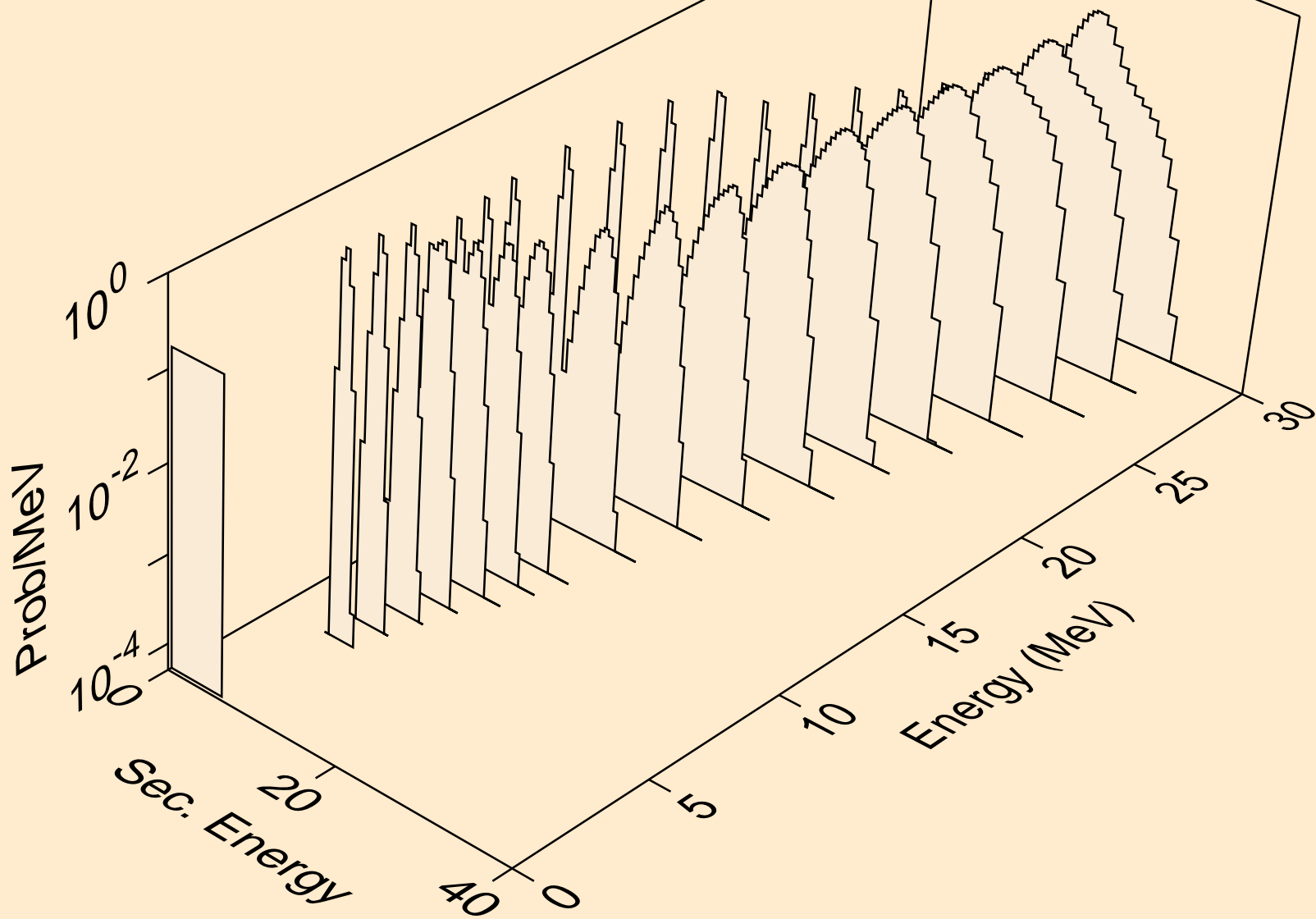




PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



PB187 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

