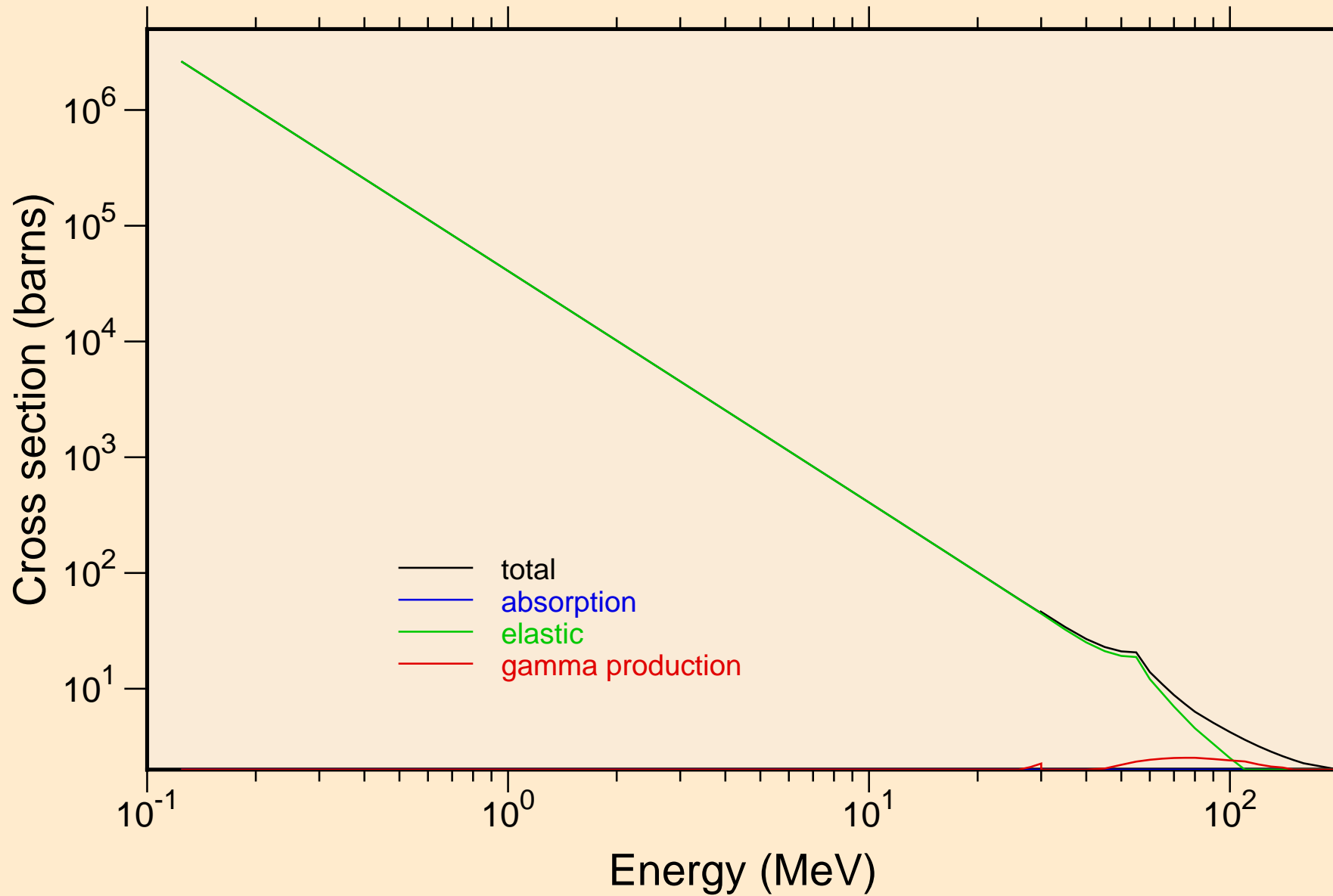
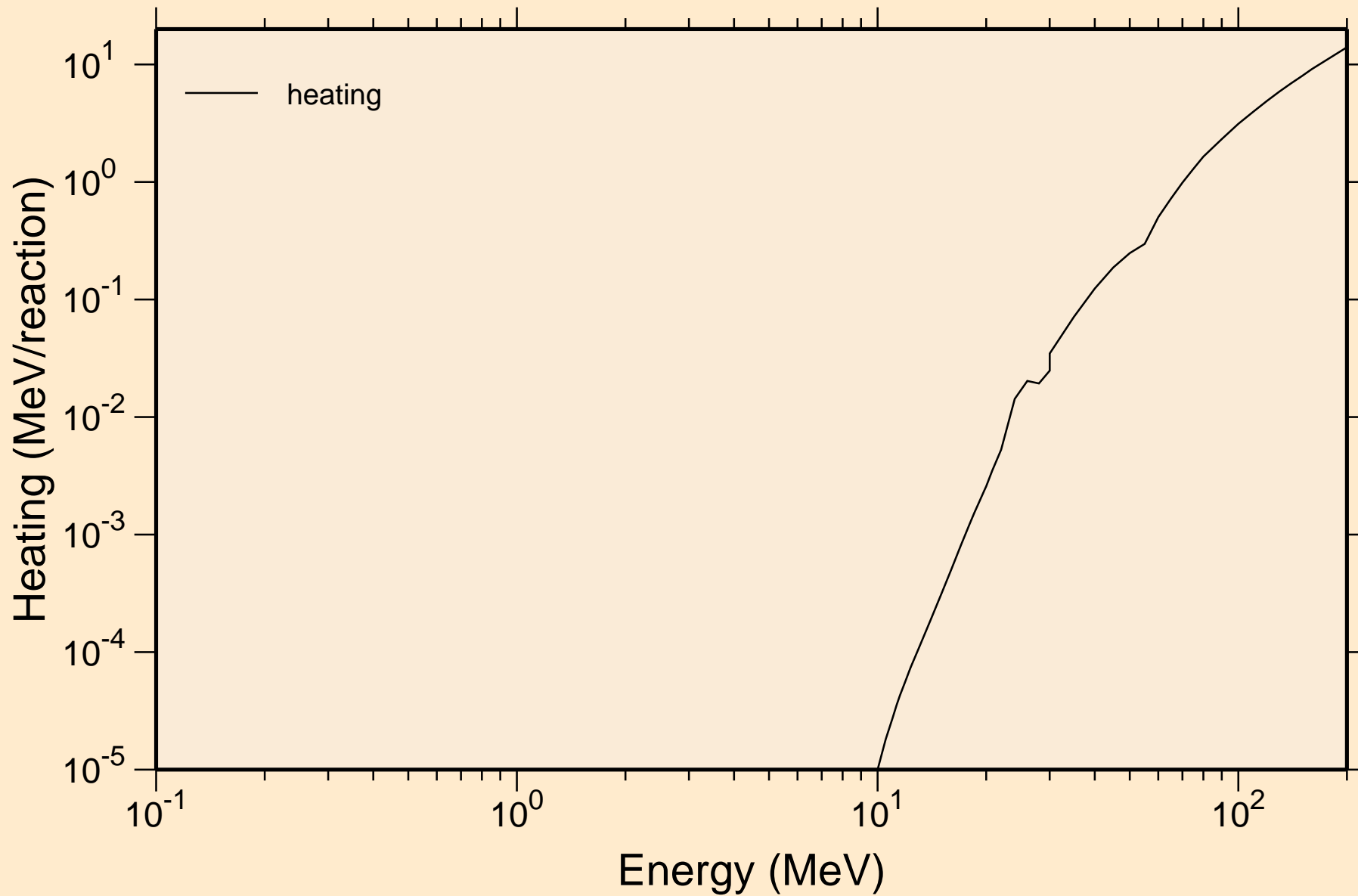


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

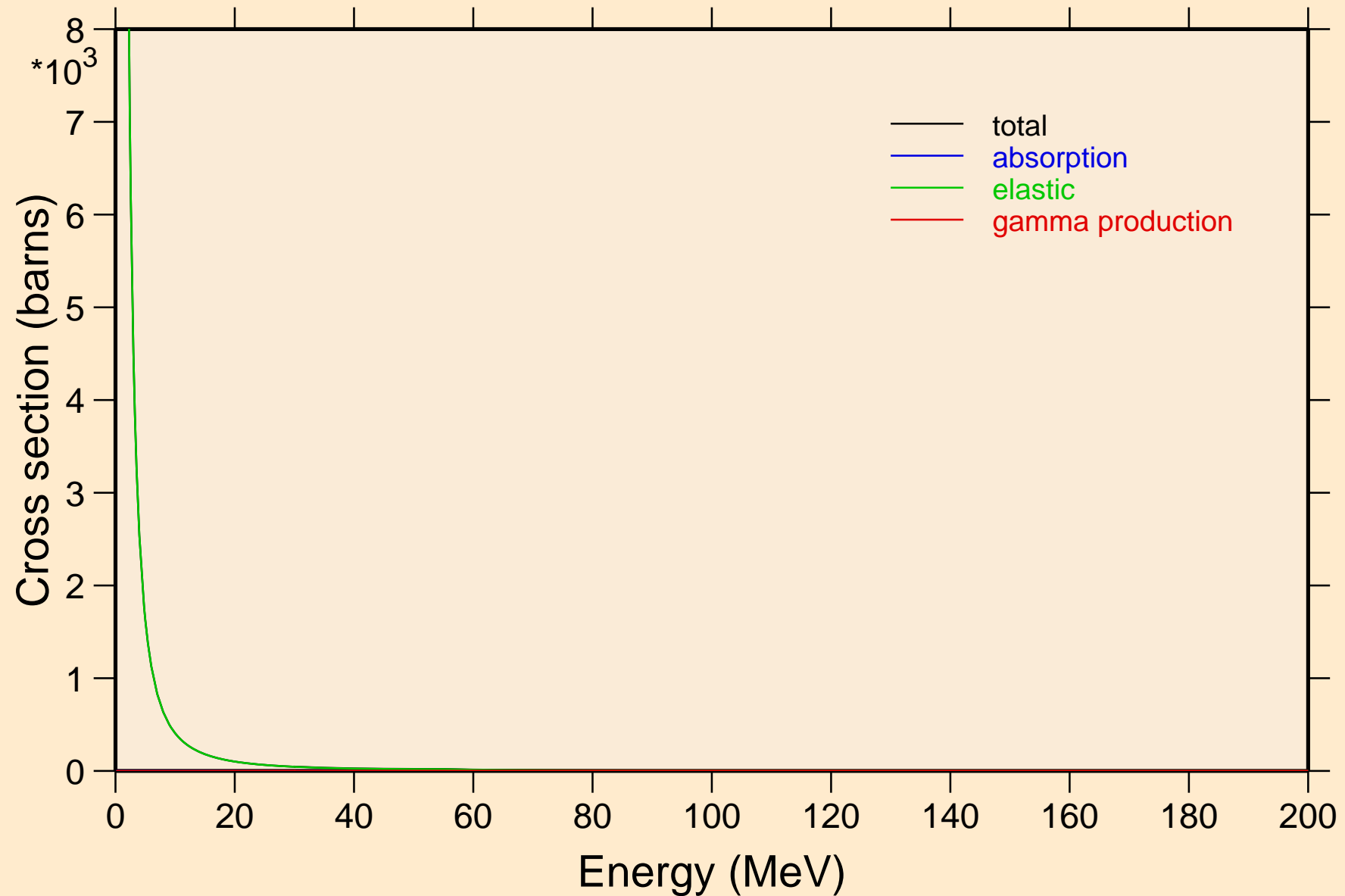


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



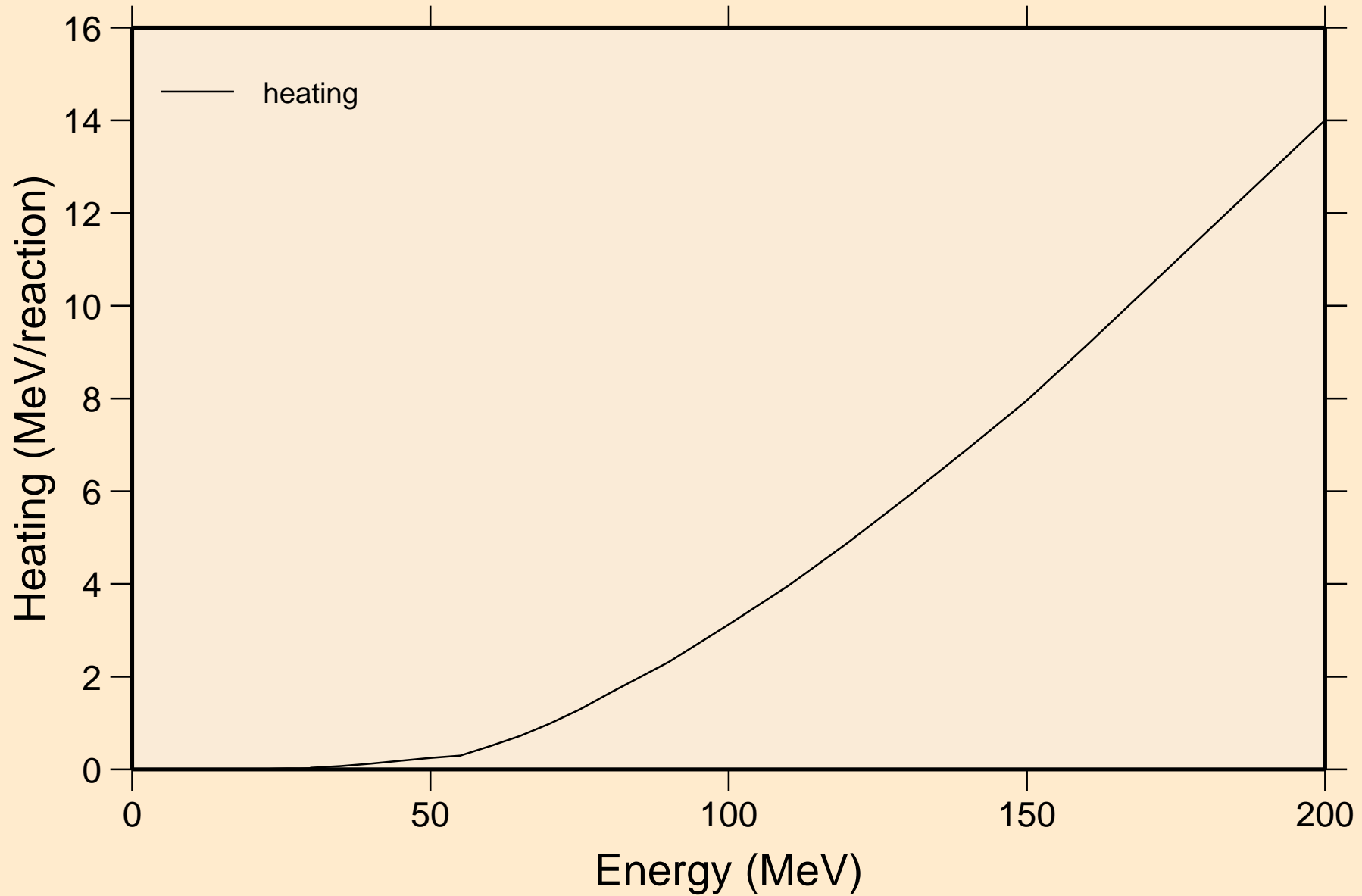
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## Principal cross sections

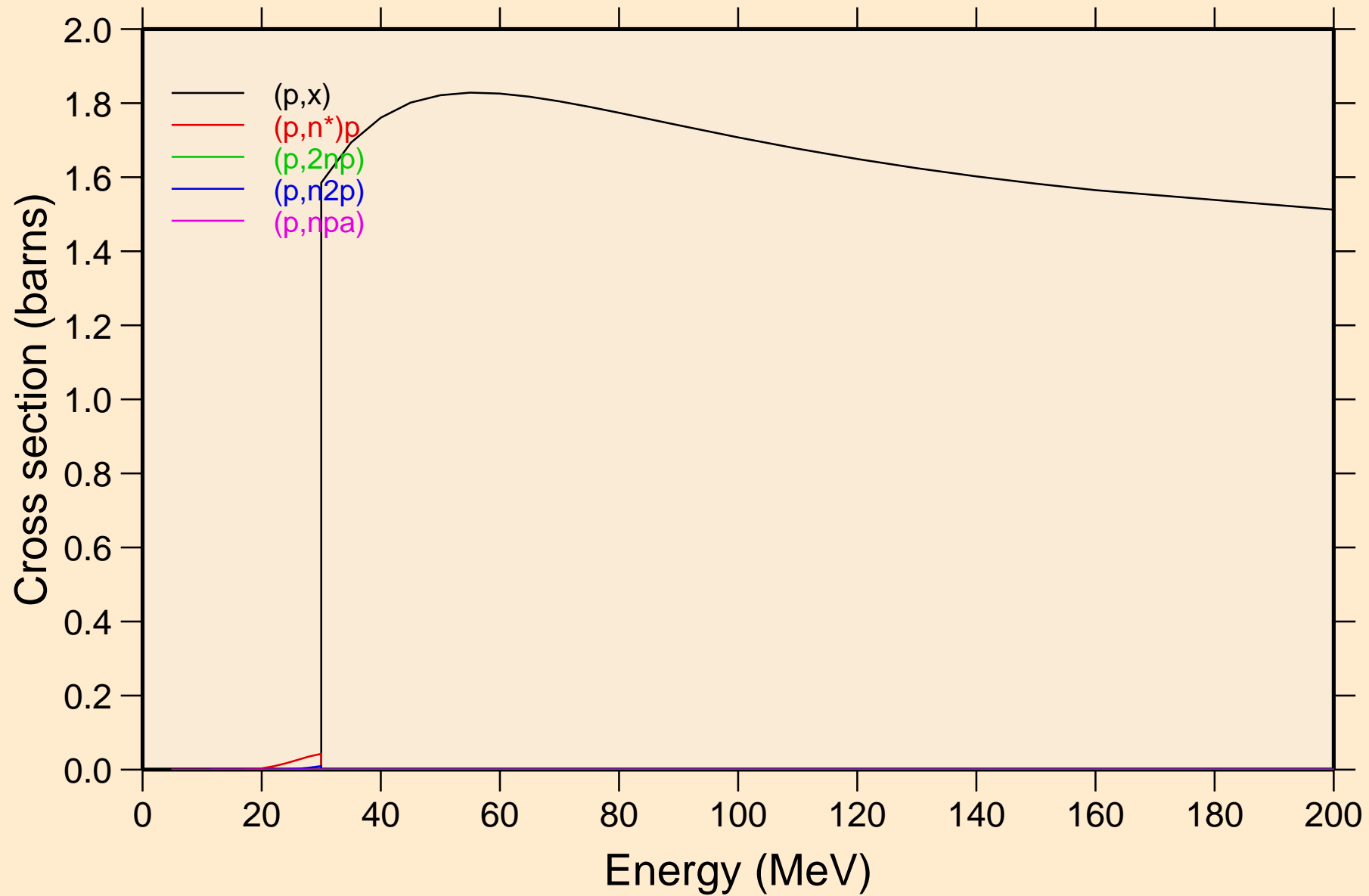


# TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K

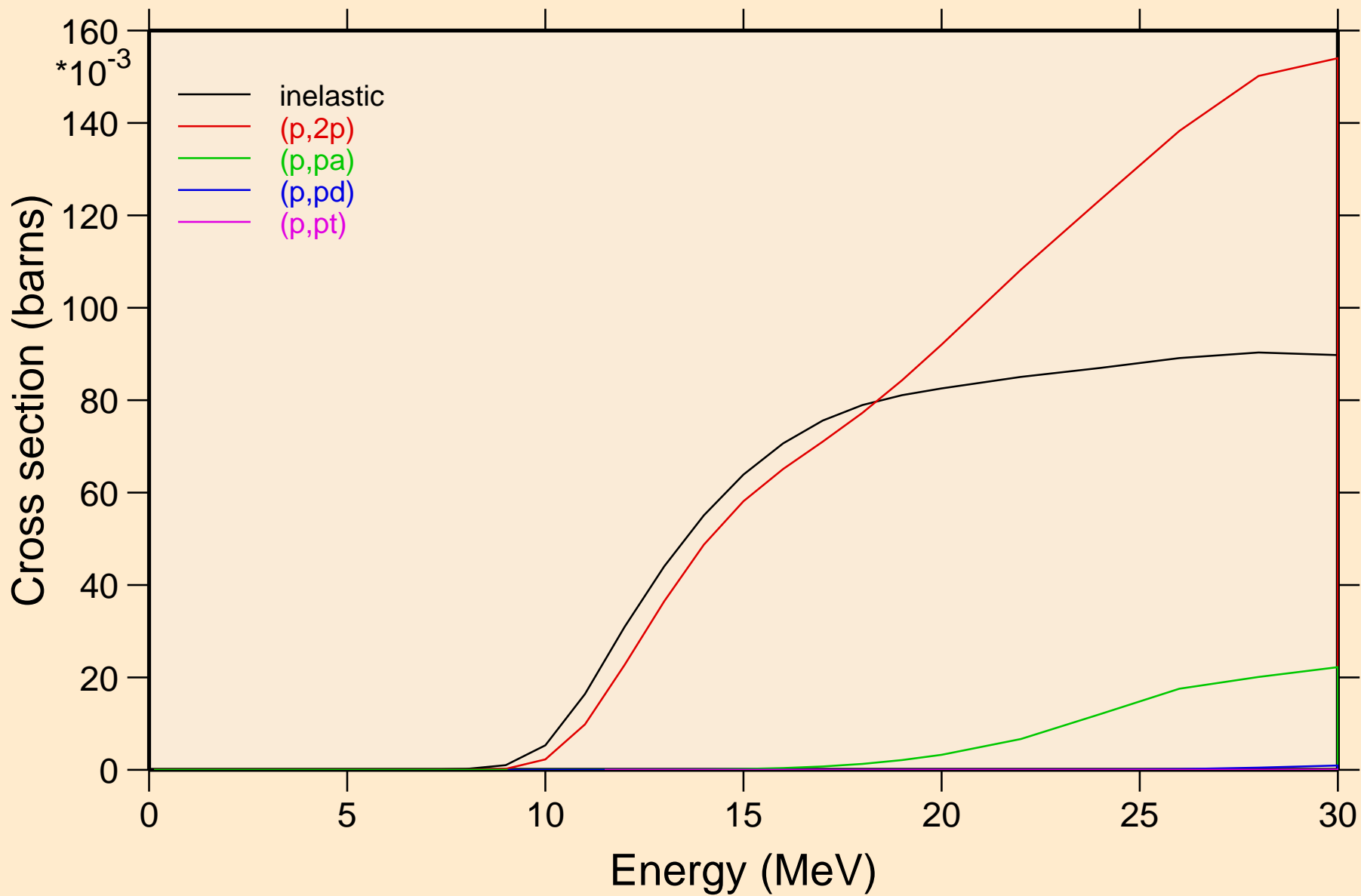
## Heating



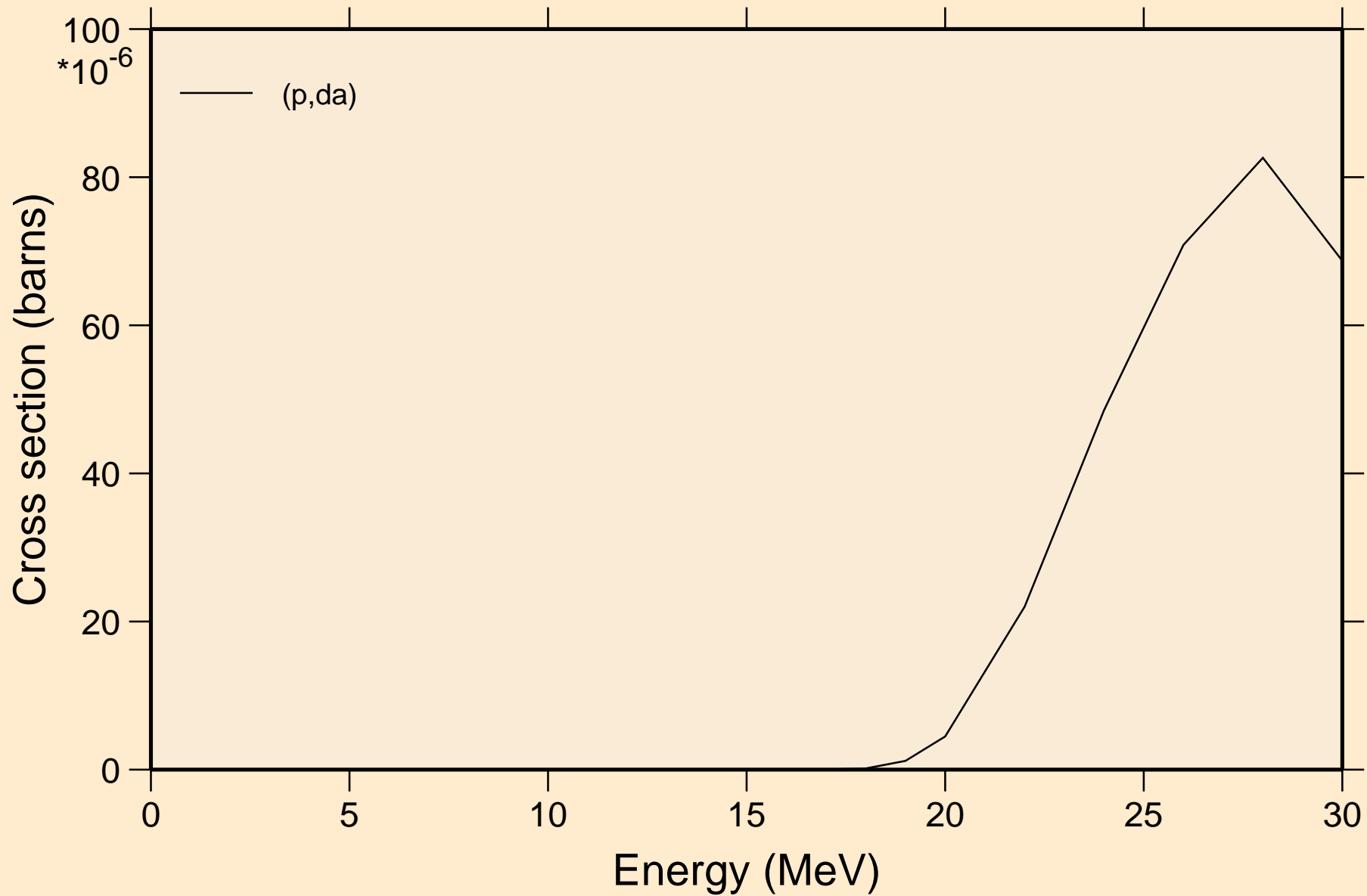
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



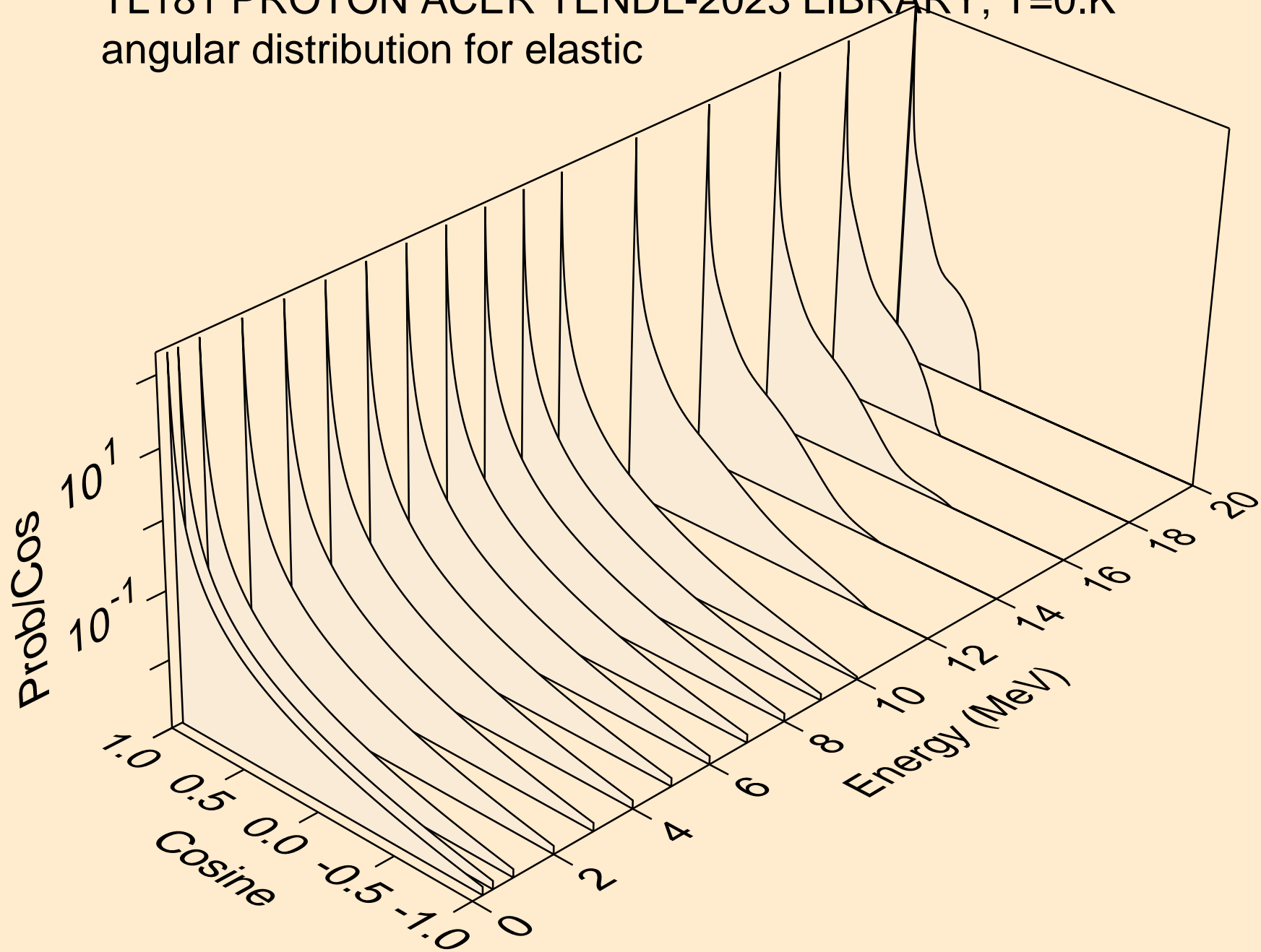
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

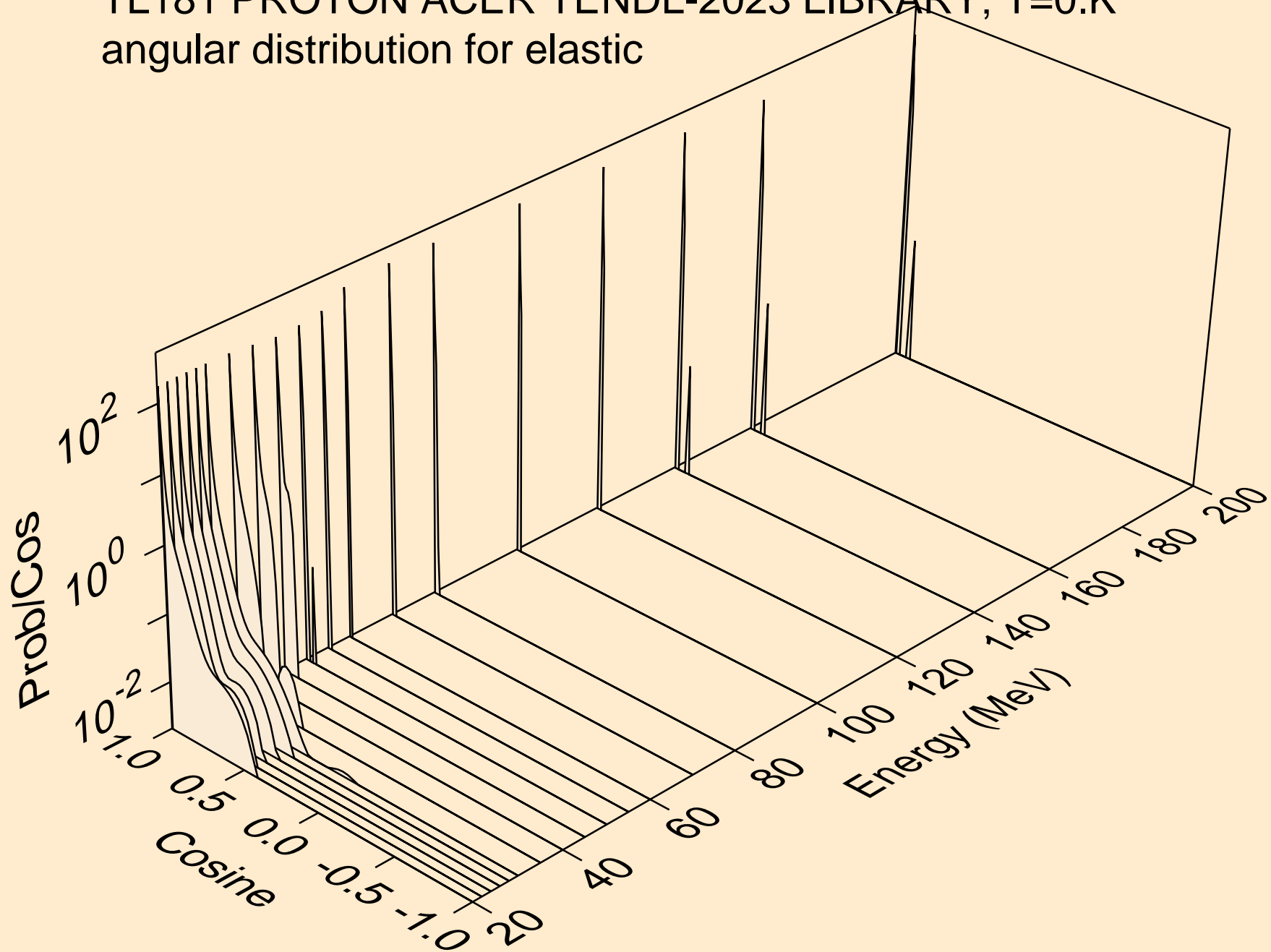


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

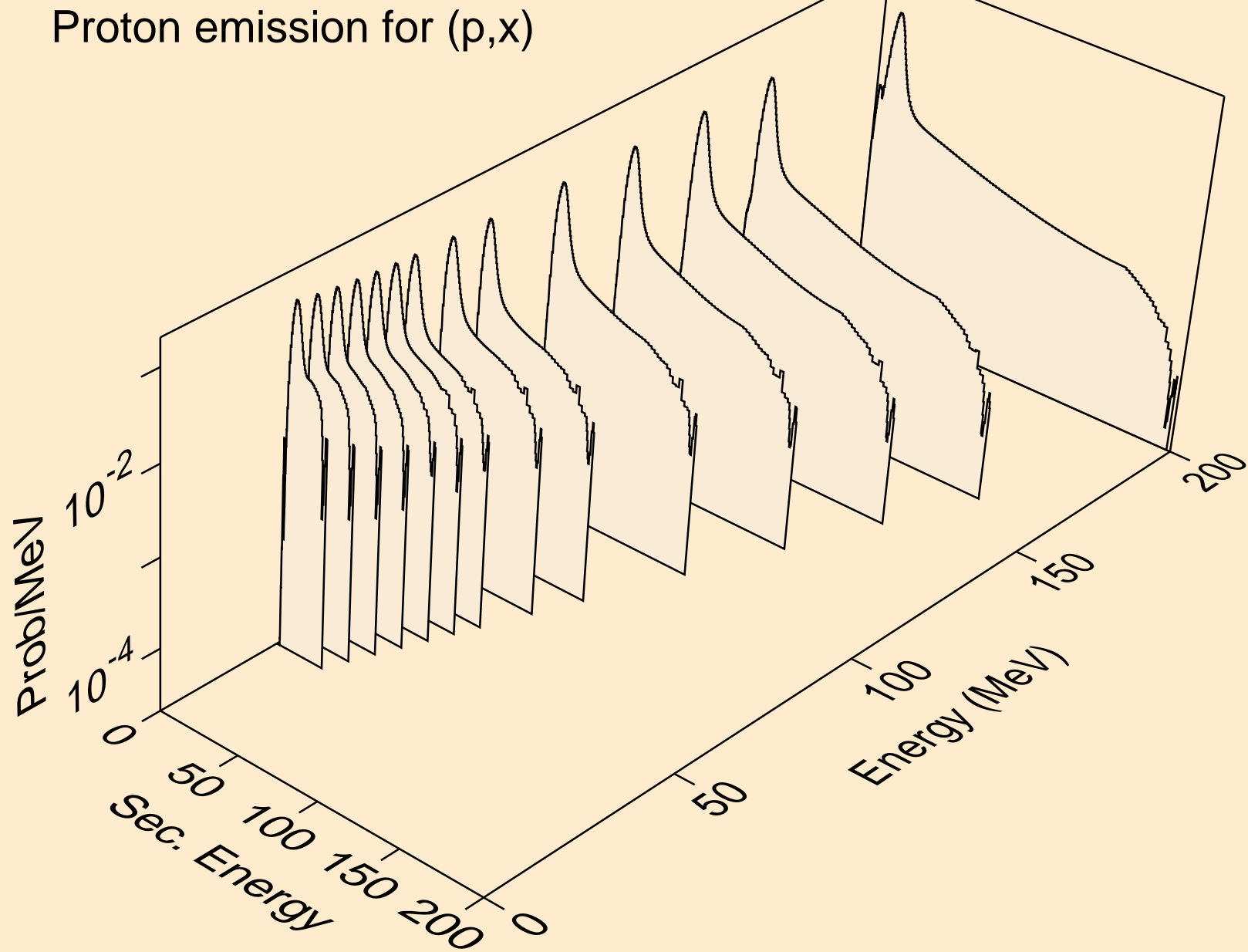




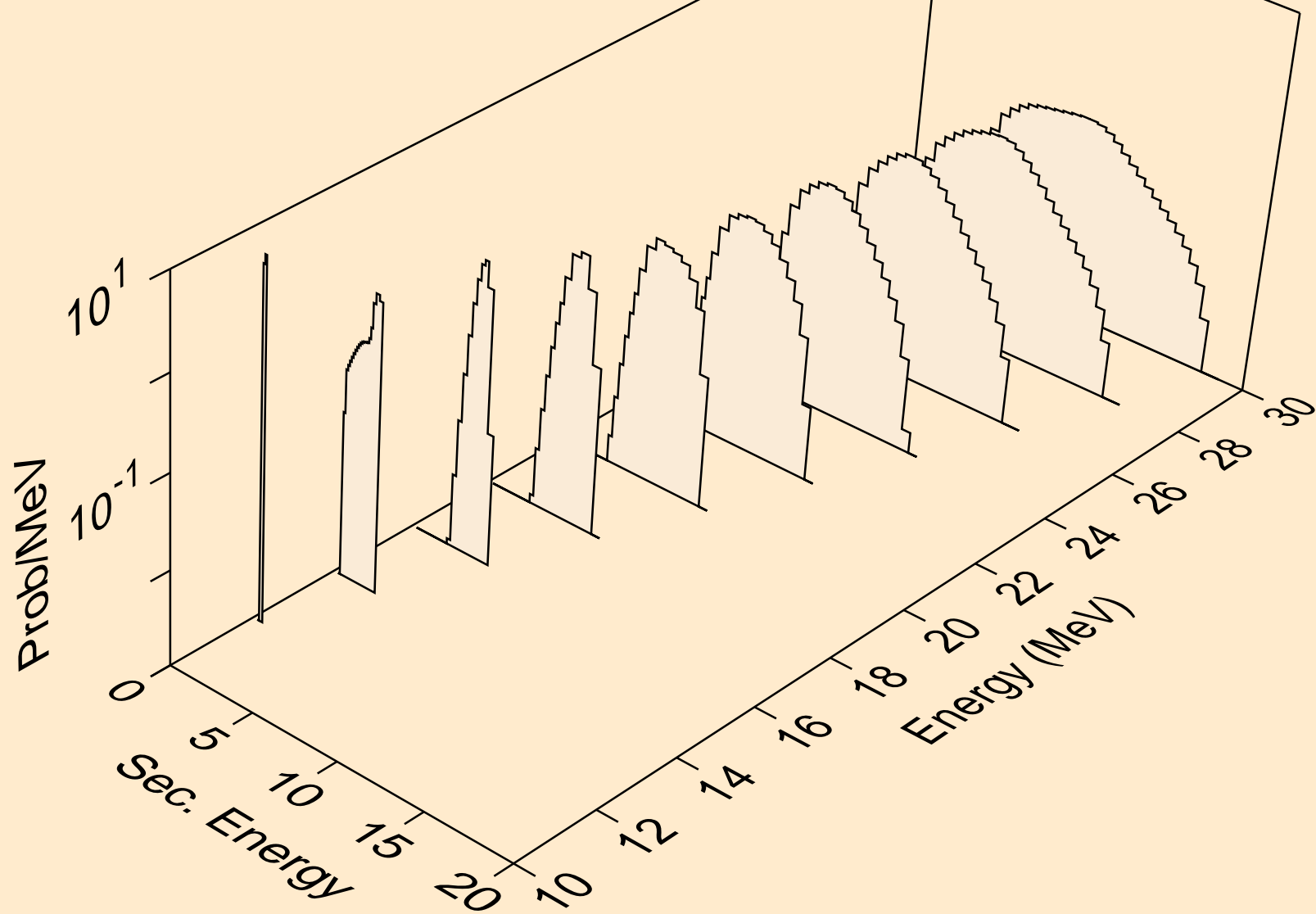
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



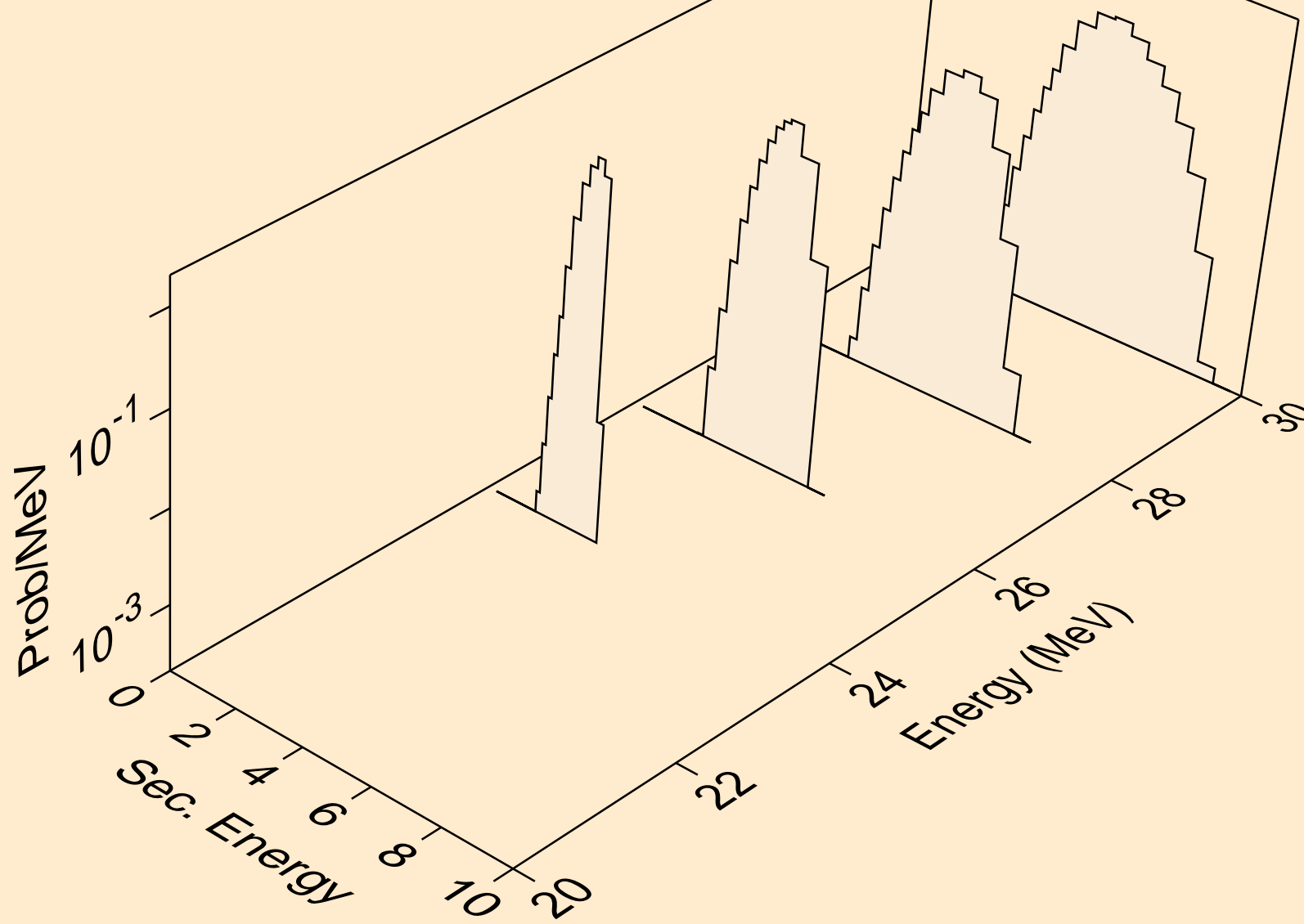
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



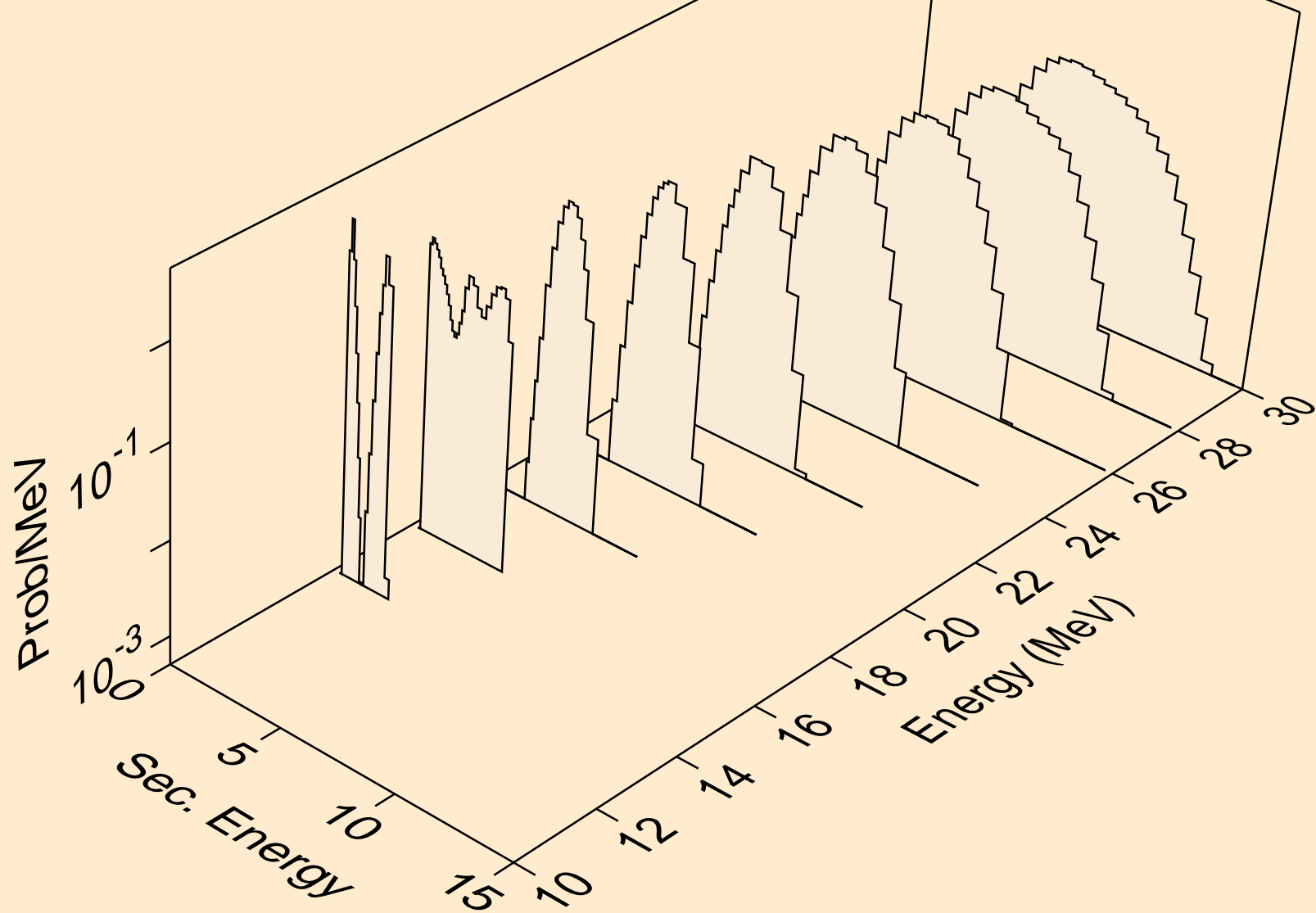
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



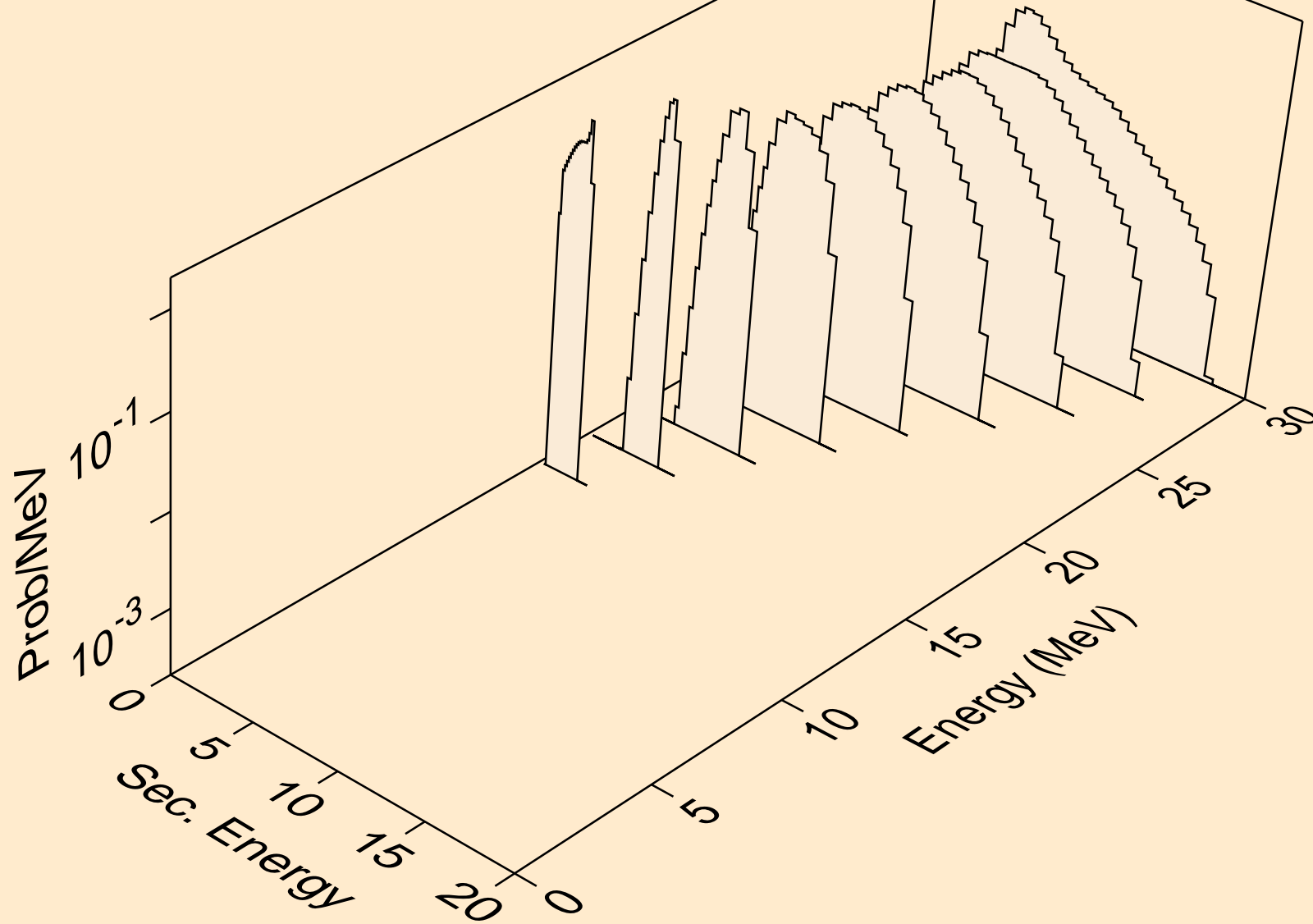
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



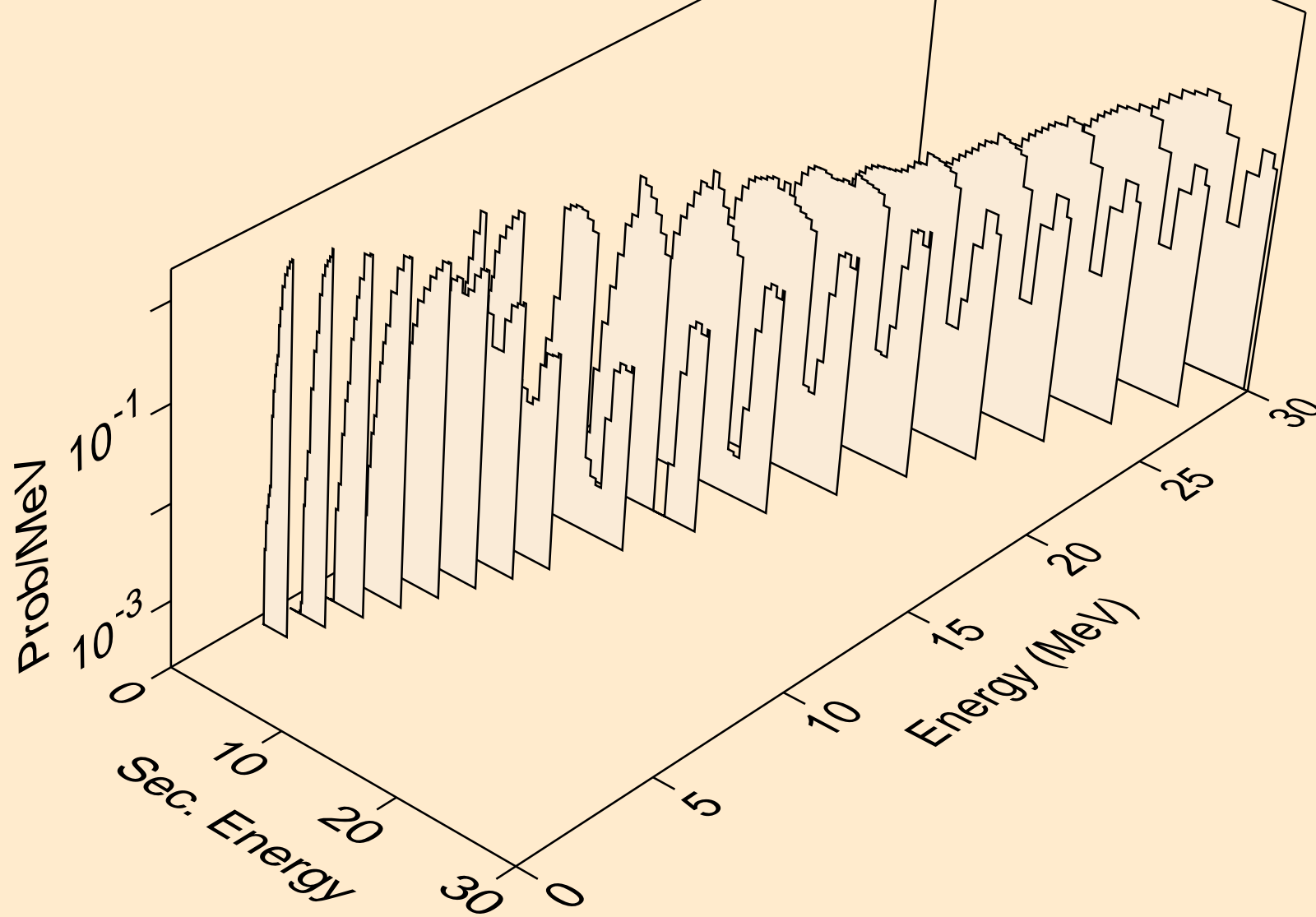
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



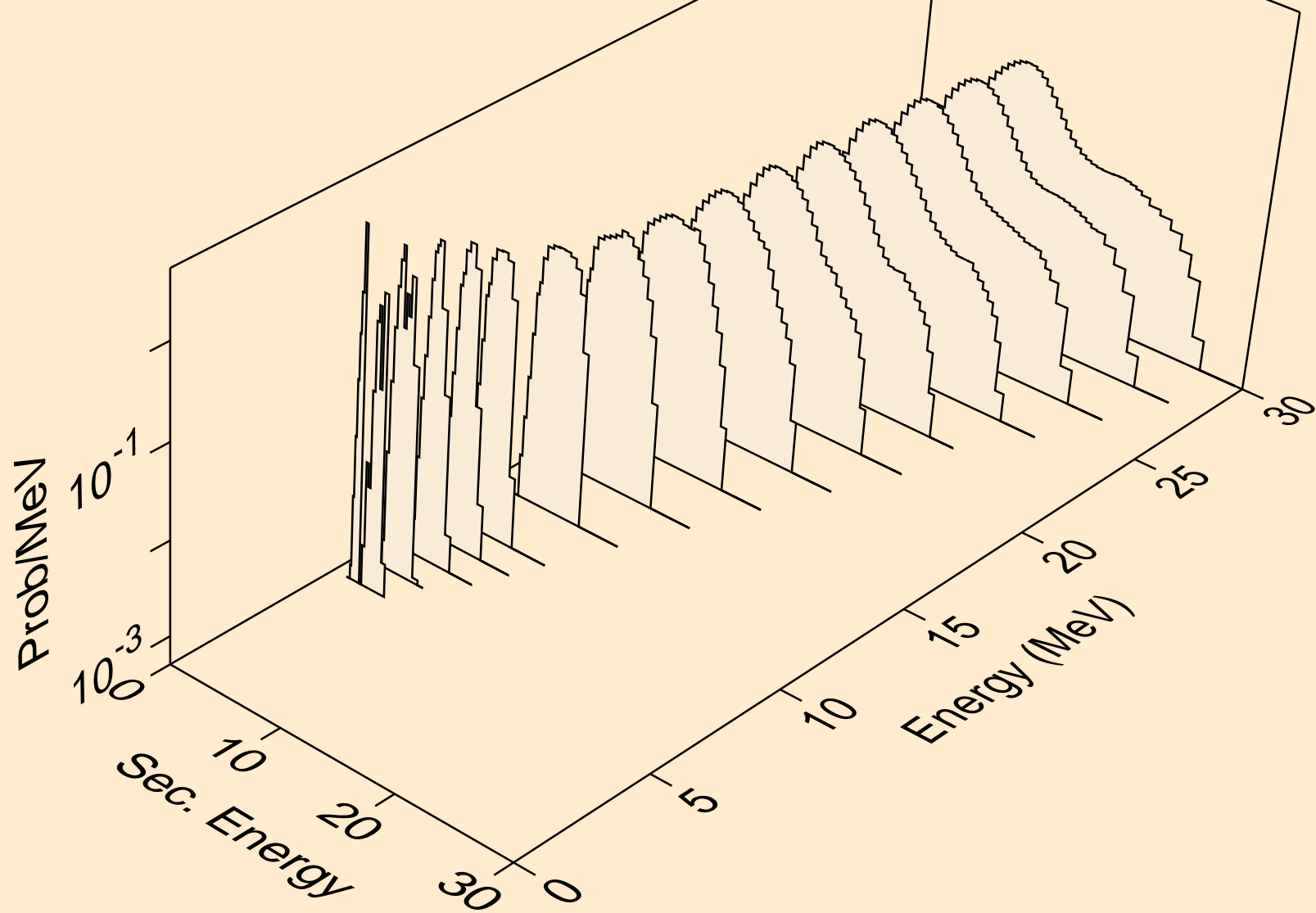
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

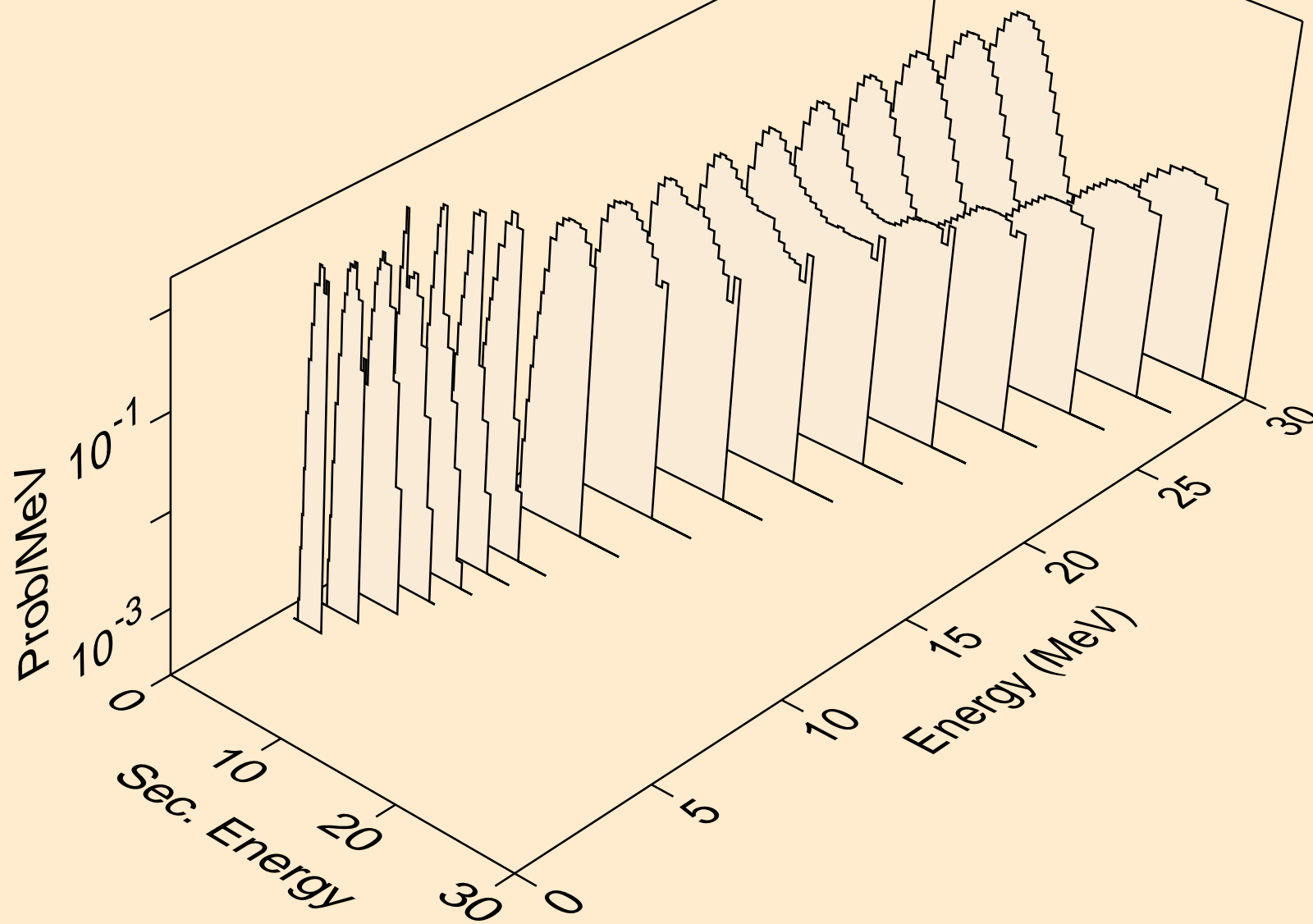


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

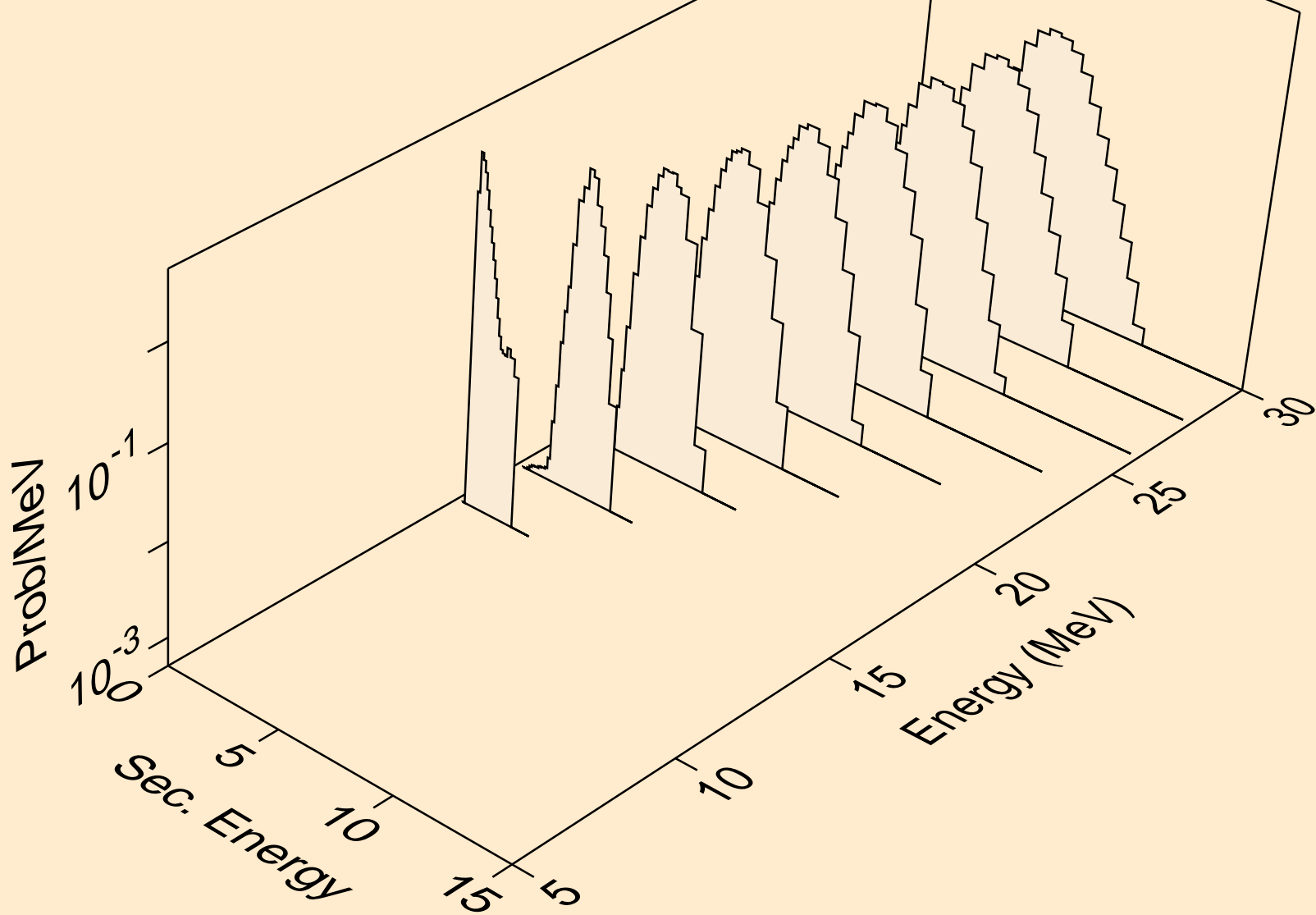




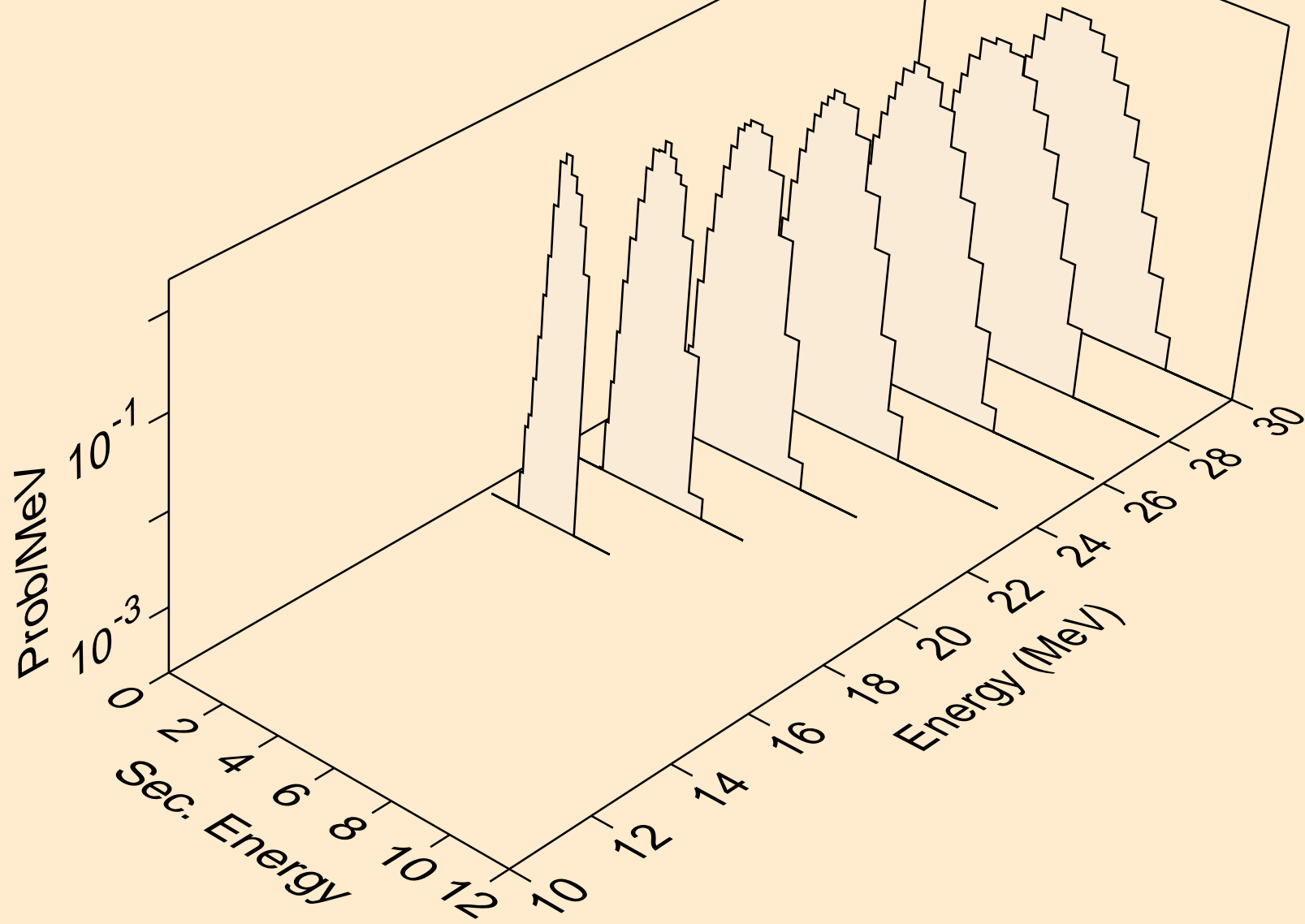
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



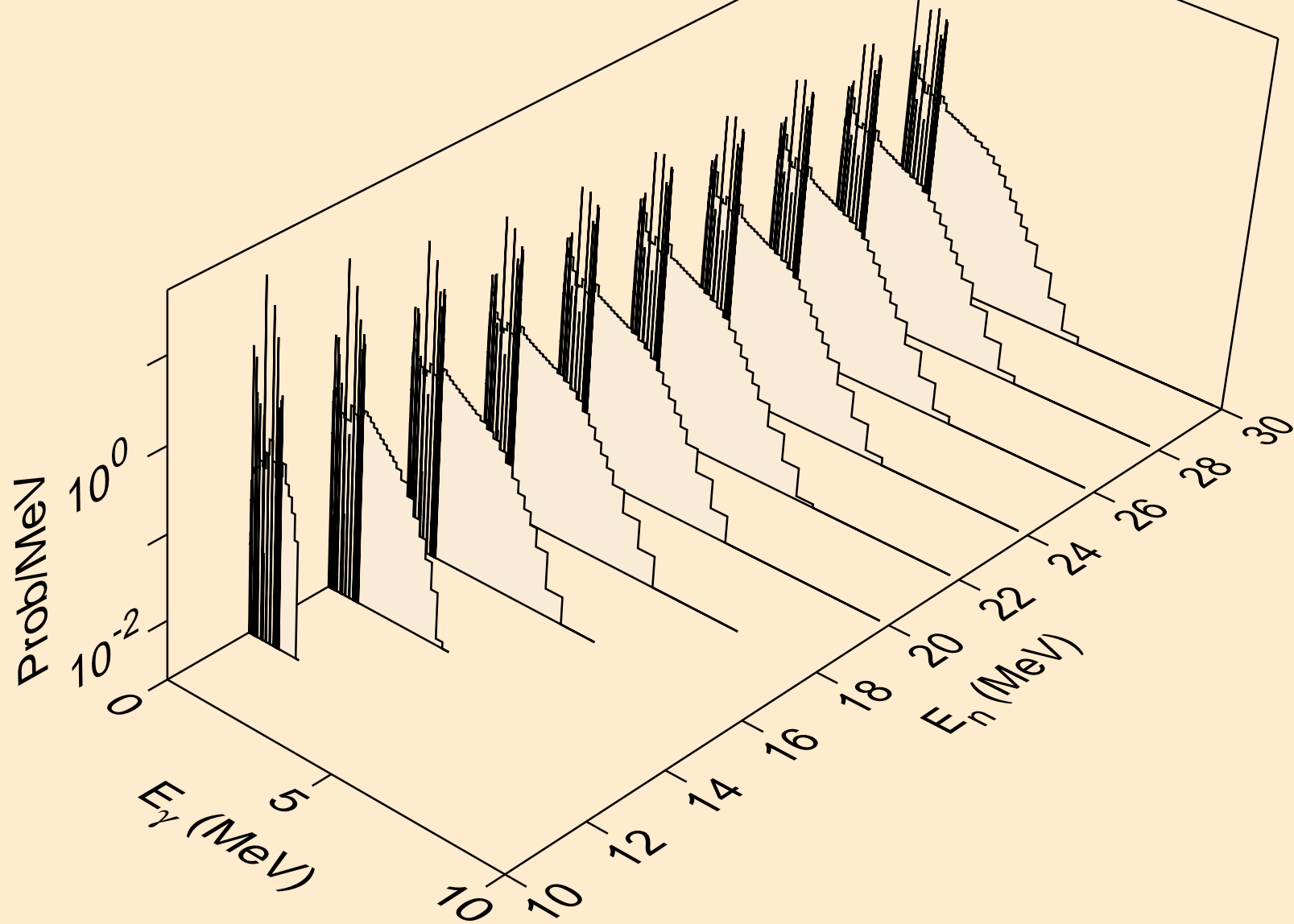
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



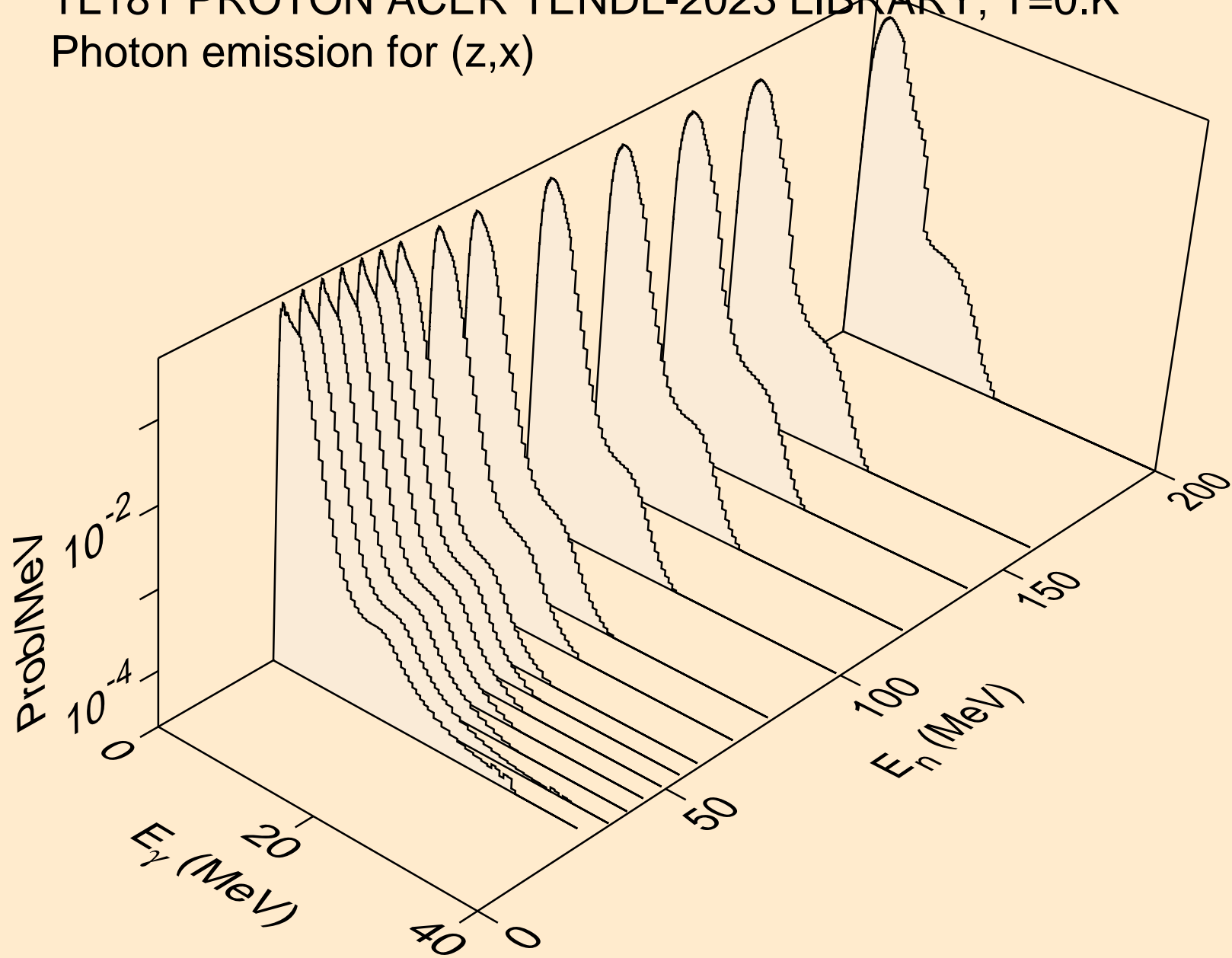
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



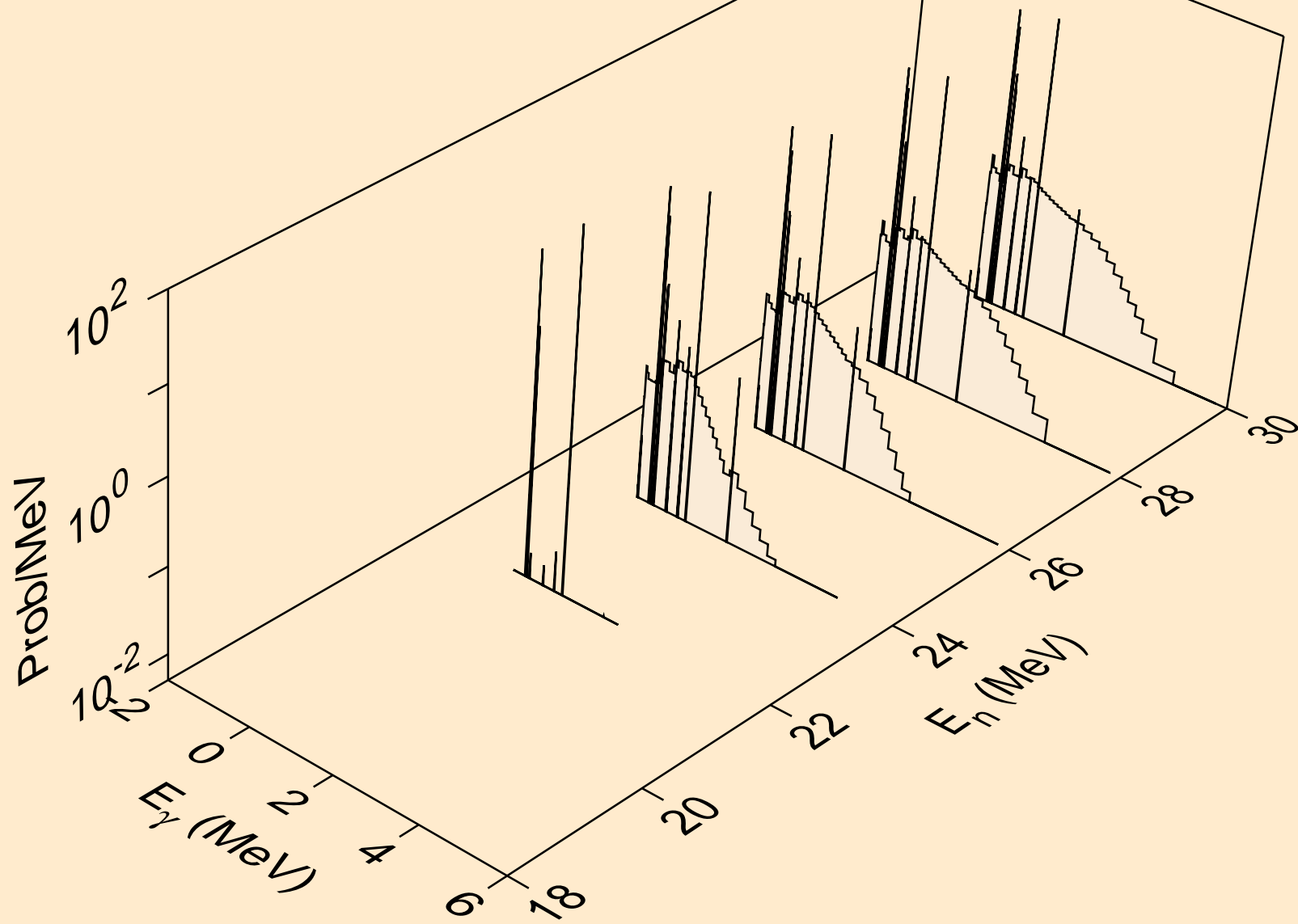
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



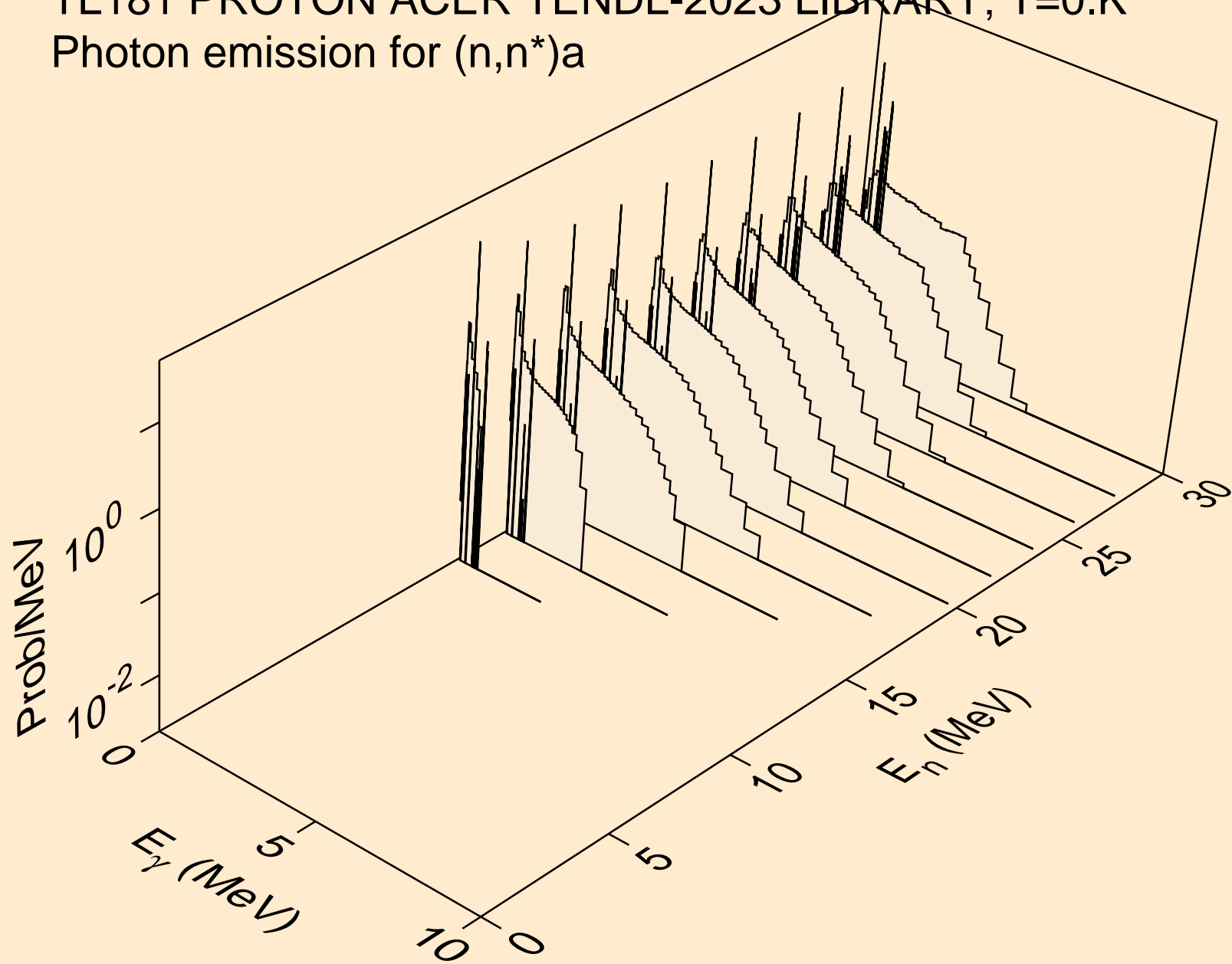
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



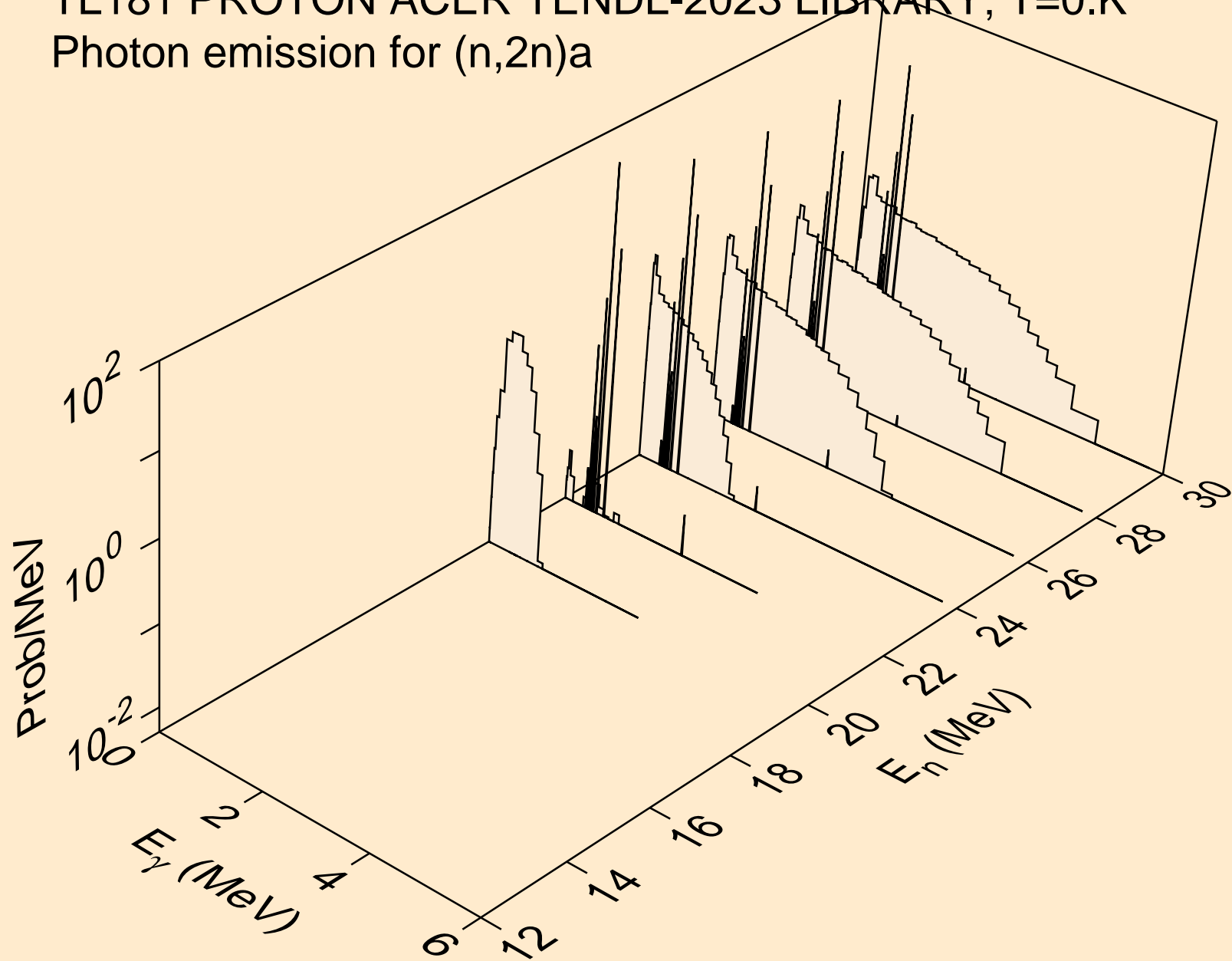
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

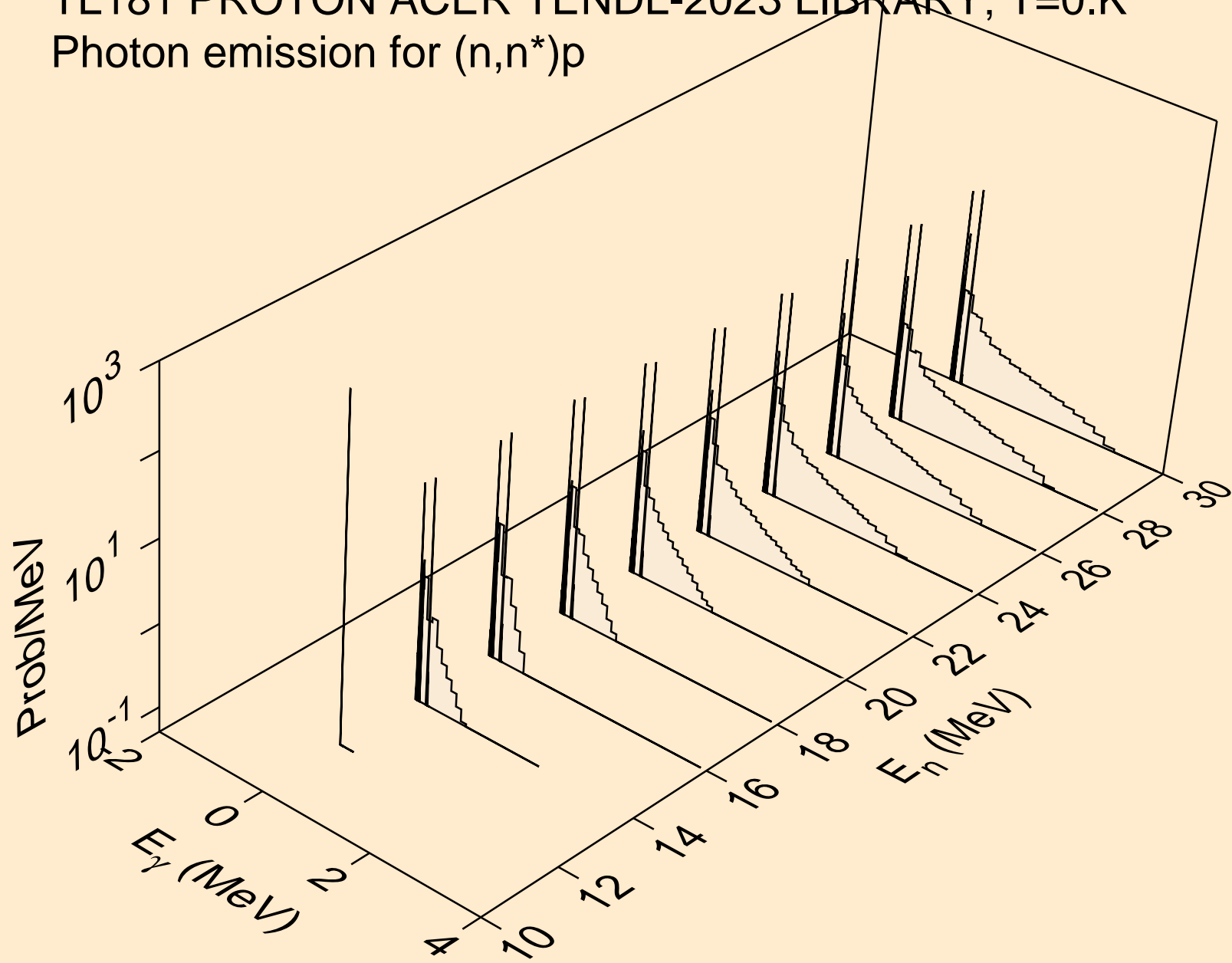


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Photon emission for (n,2n)a

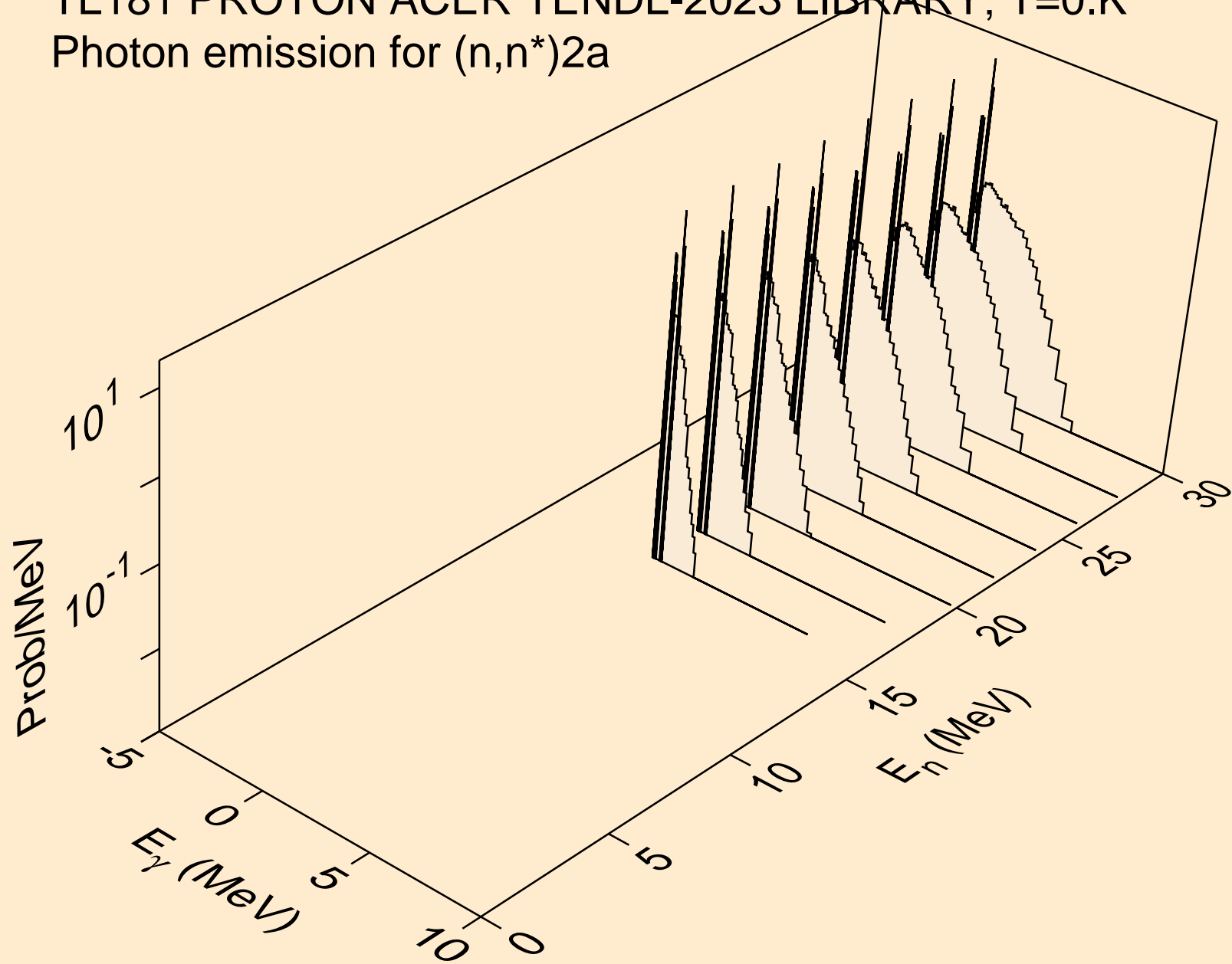




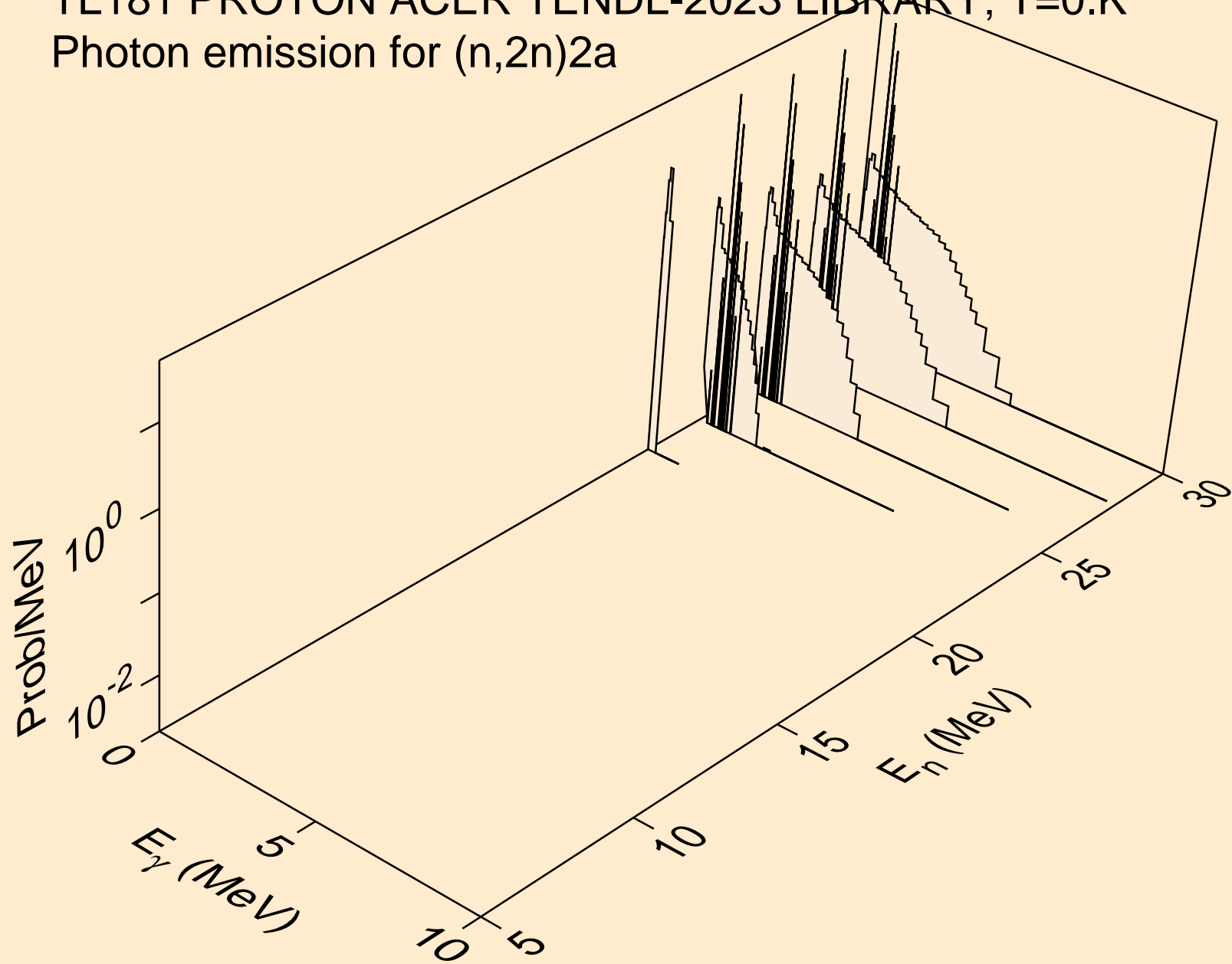
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



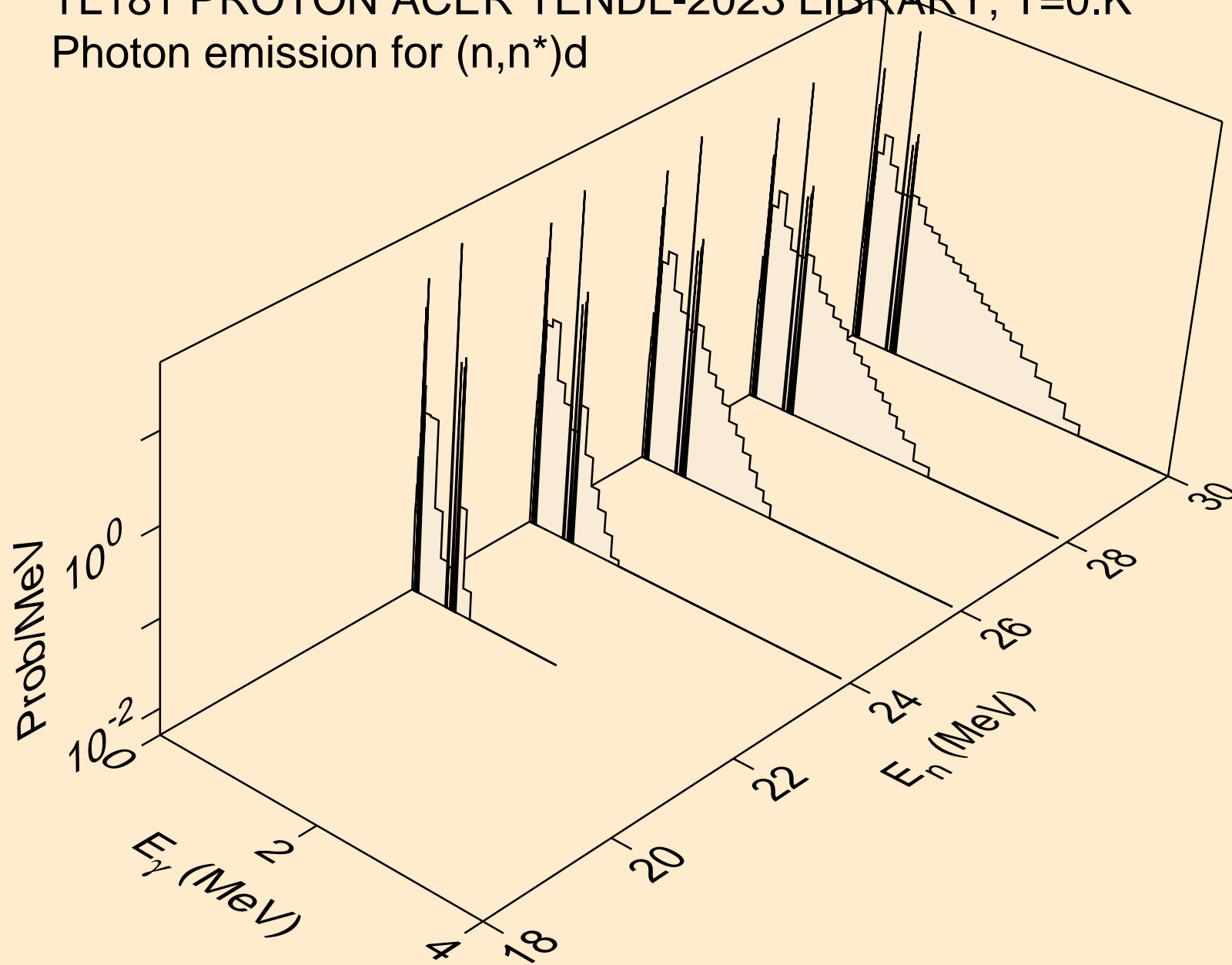
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



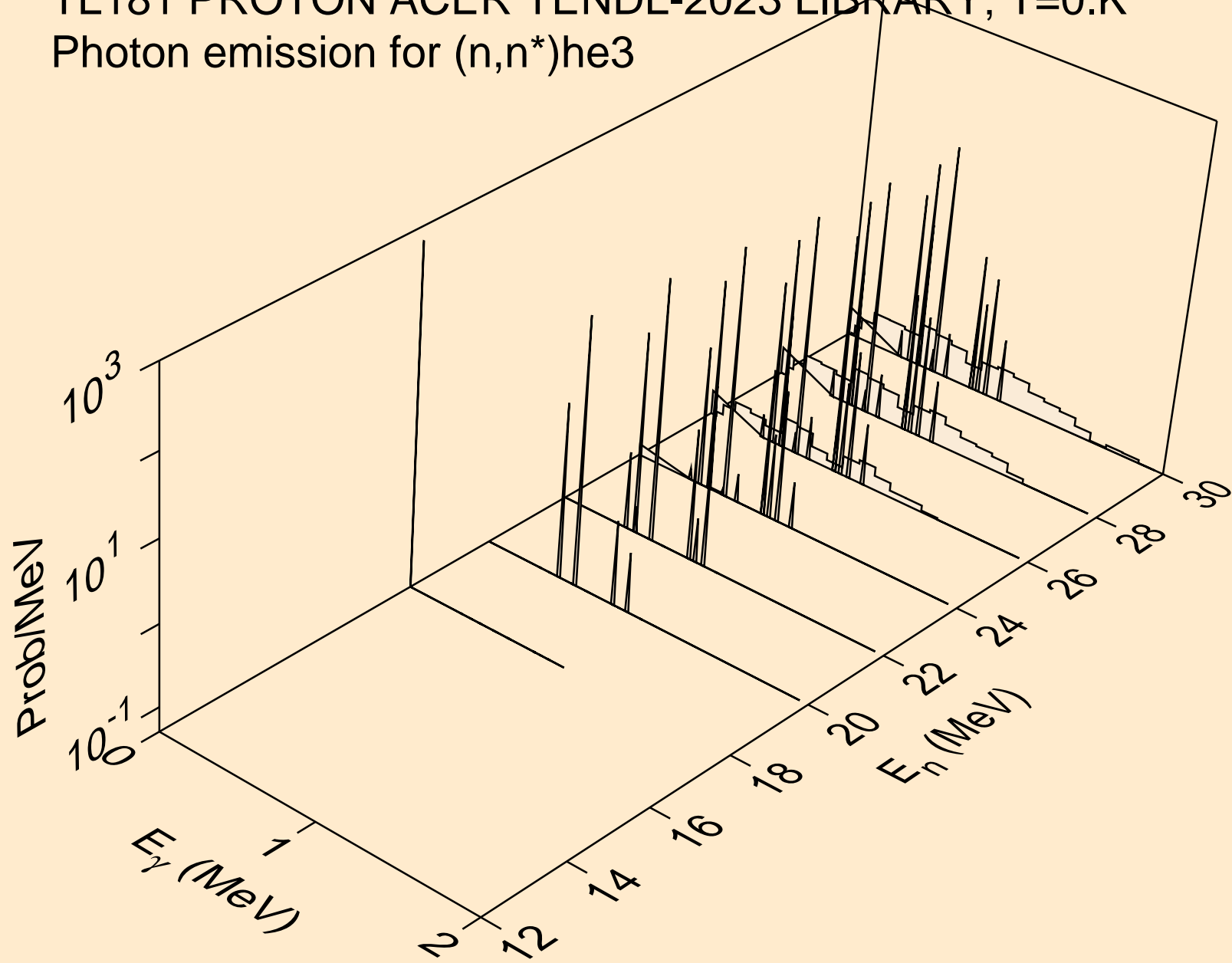
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Photon emission for (n,2n)2a



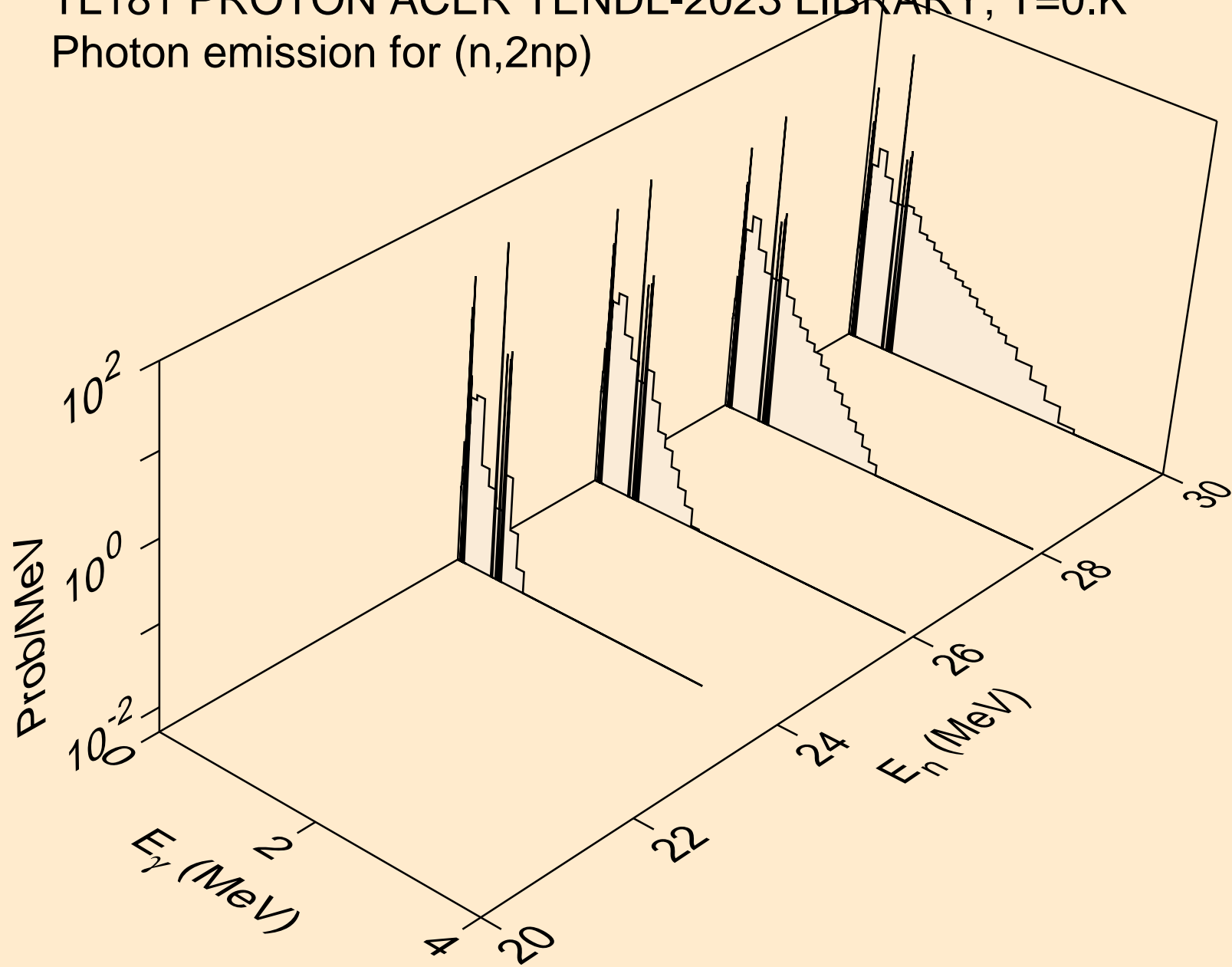
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



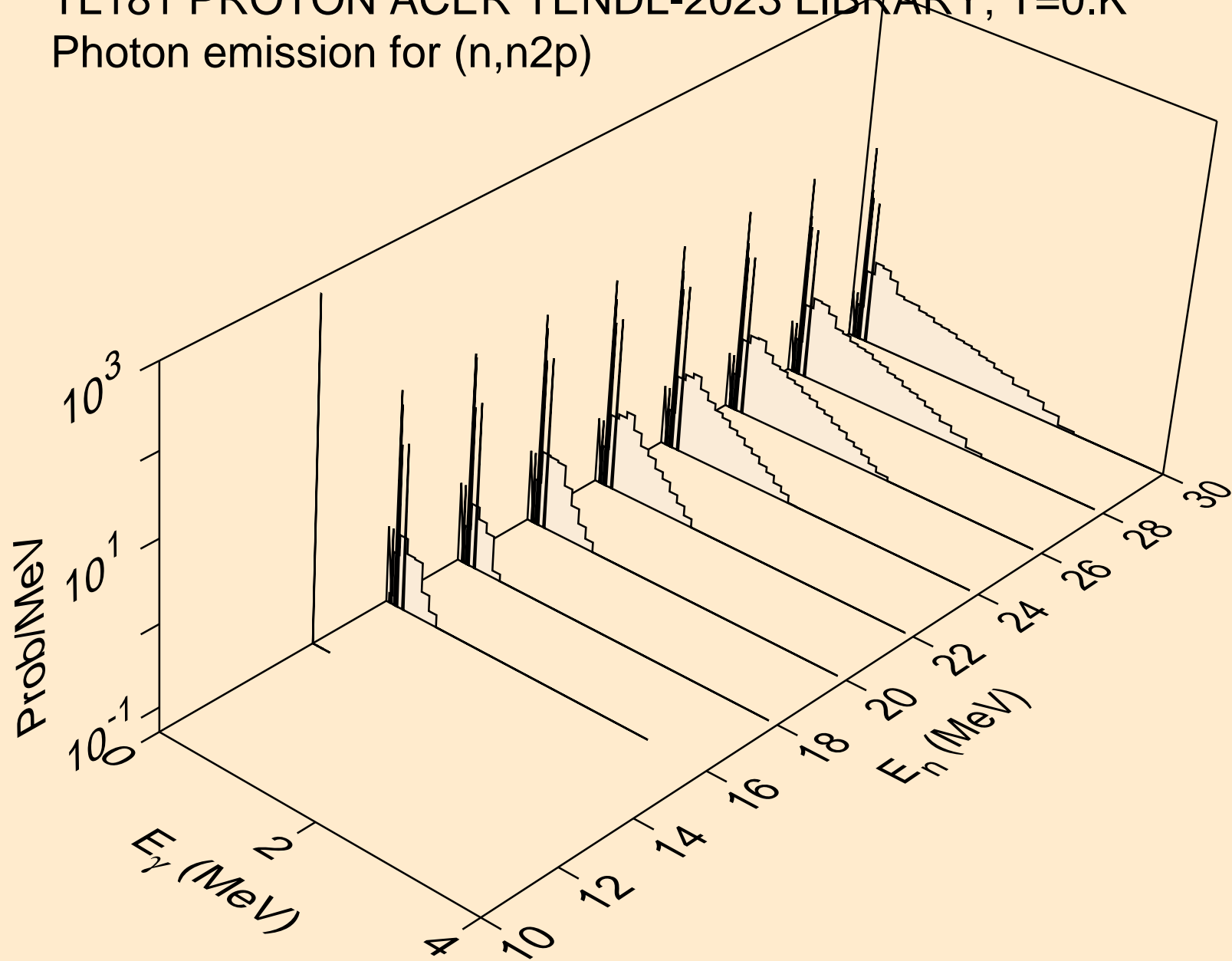
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



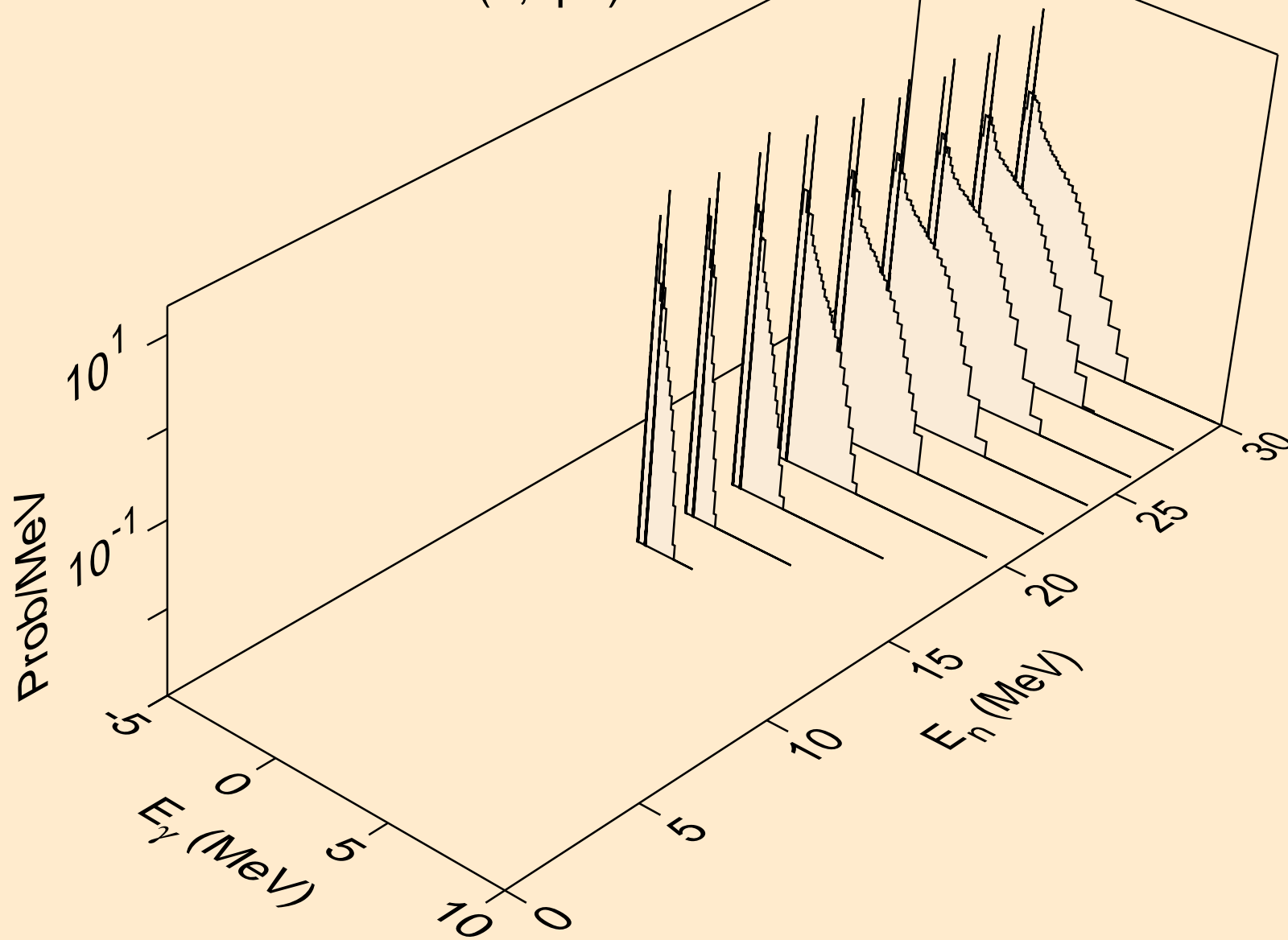
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

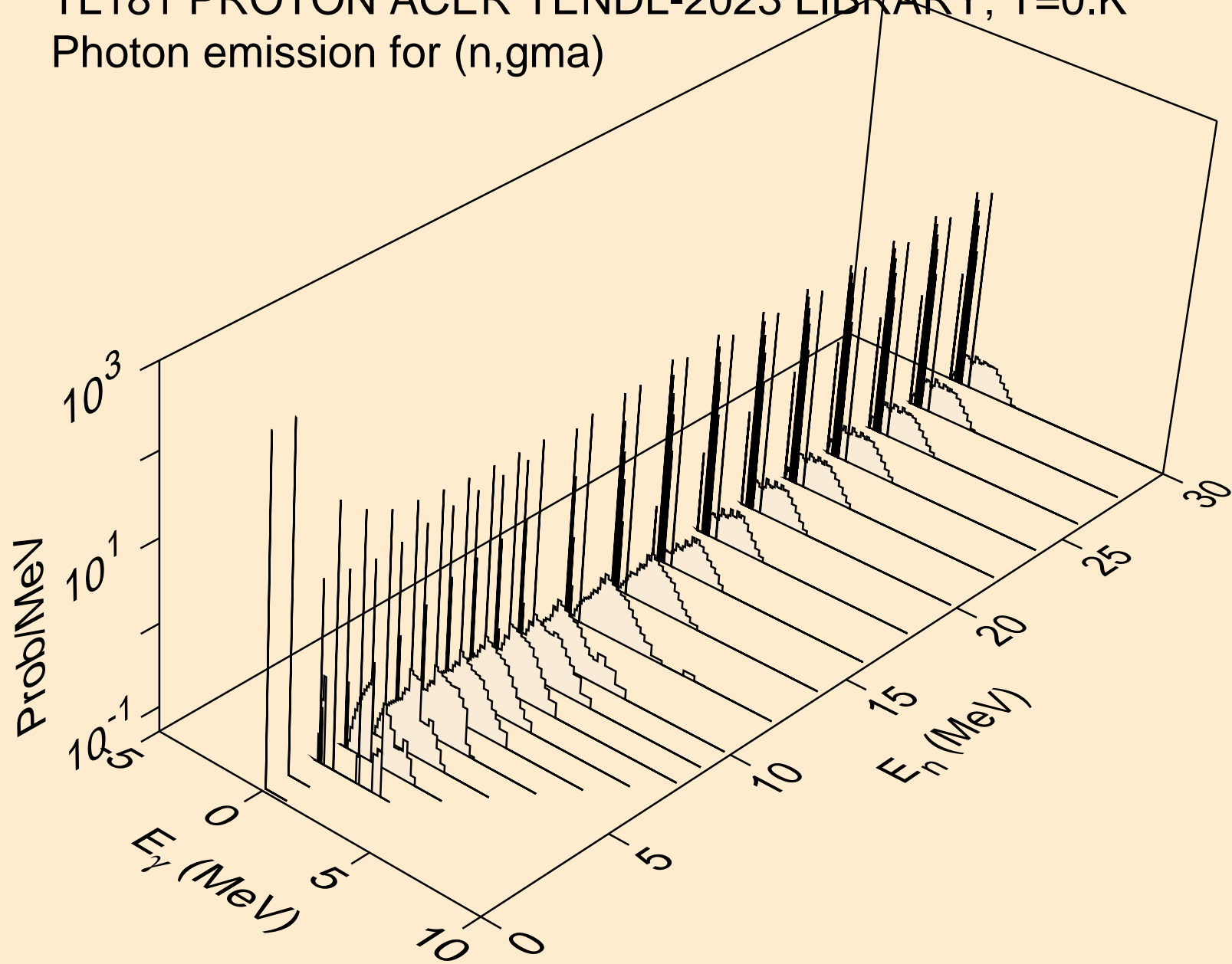


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Photon emission for (n,npa)

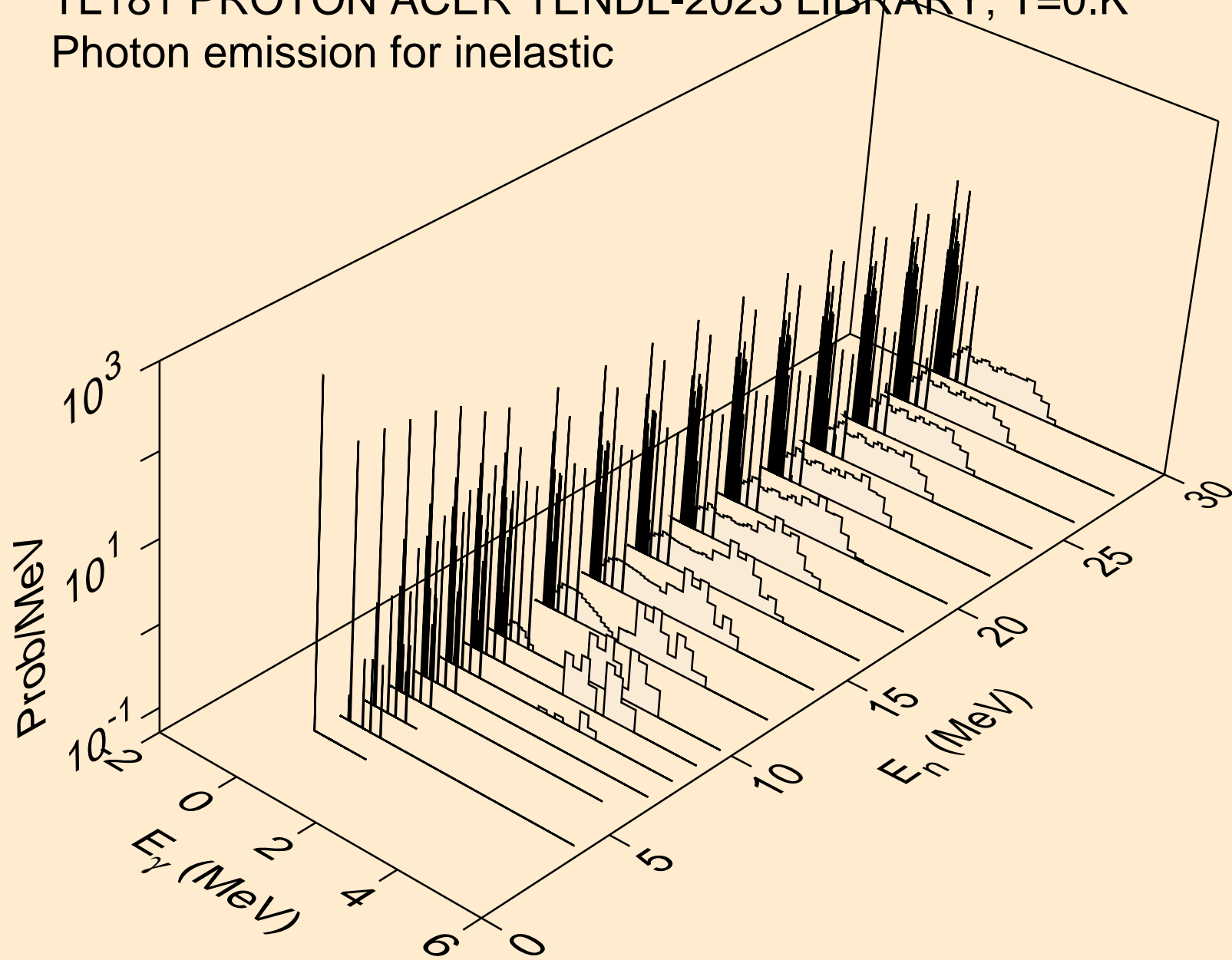




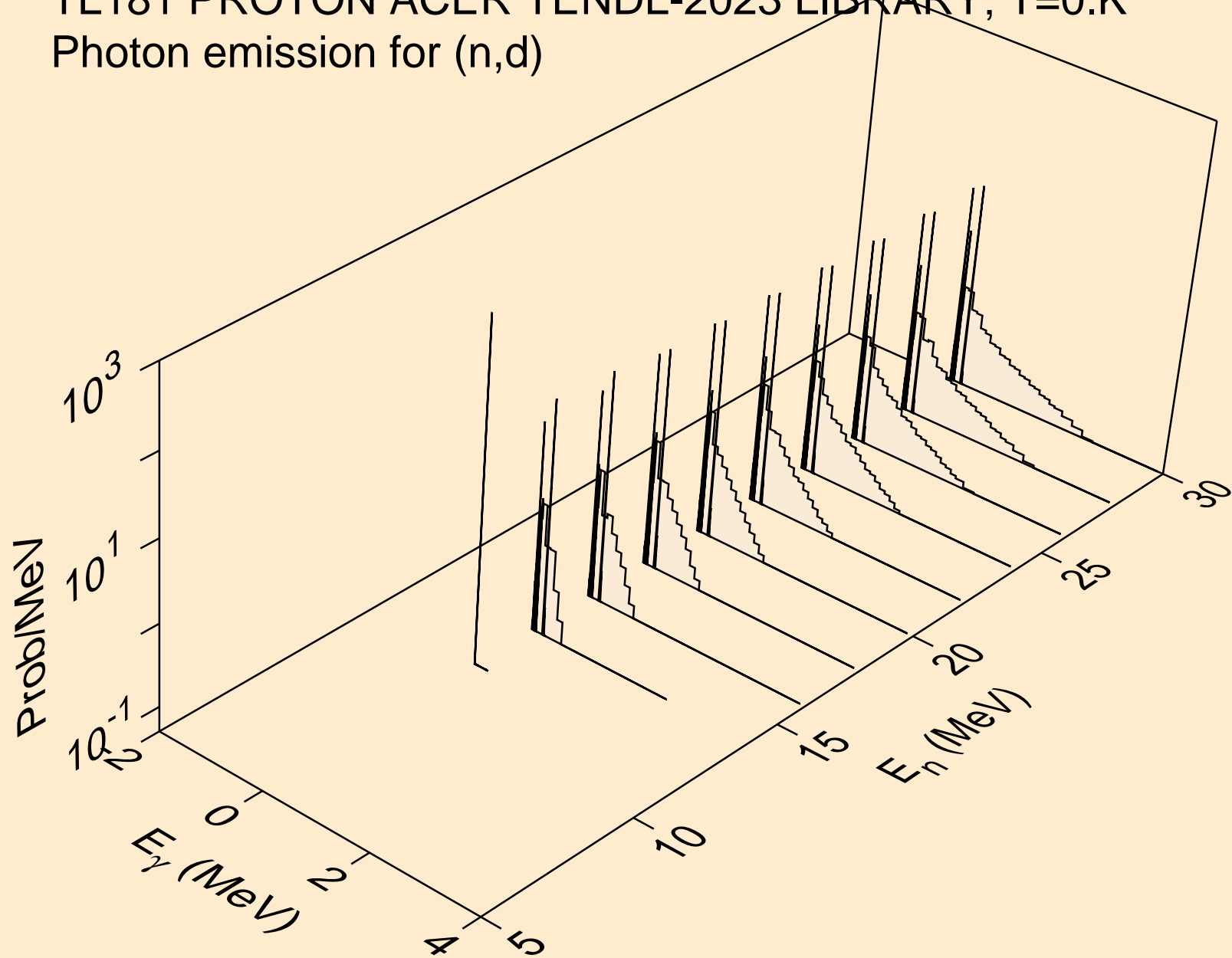
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Photon emission for (n,gma)



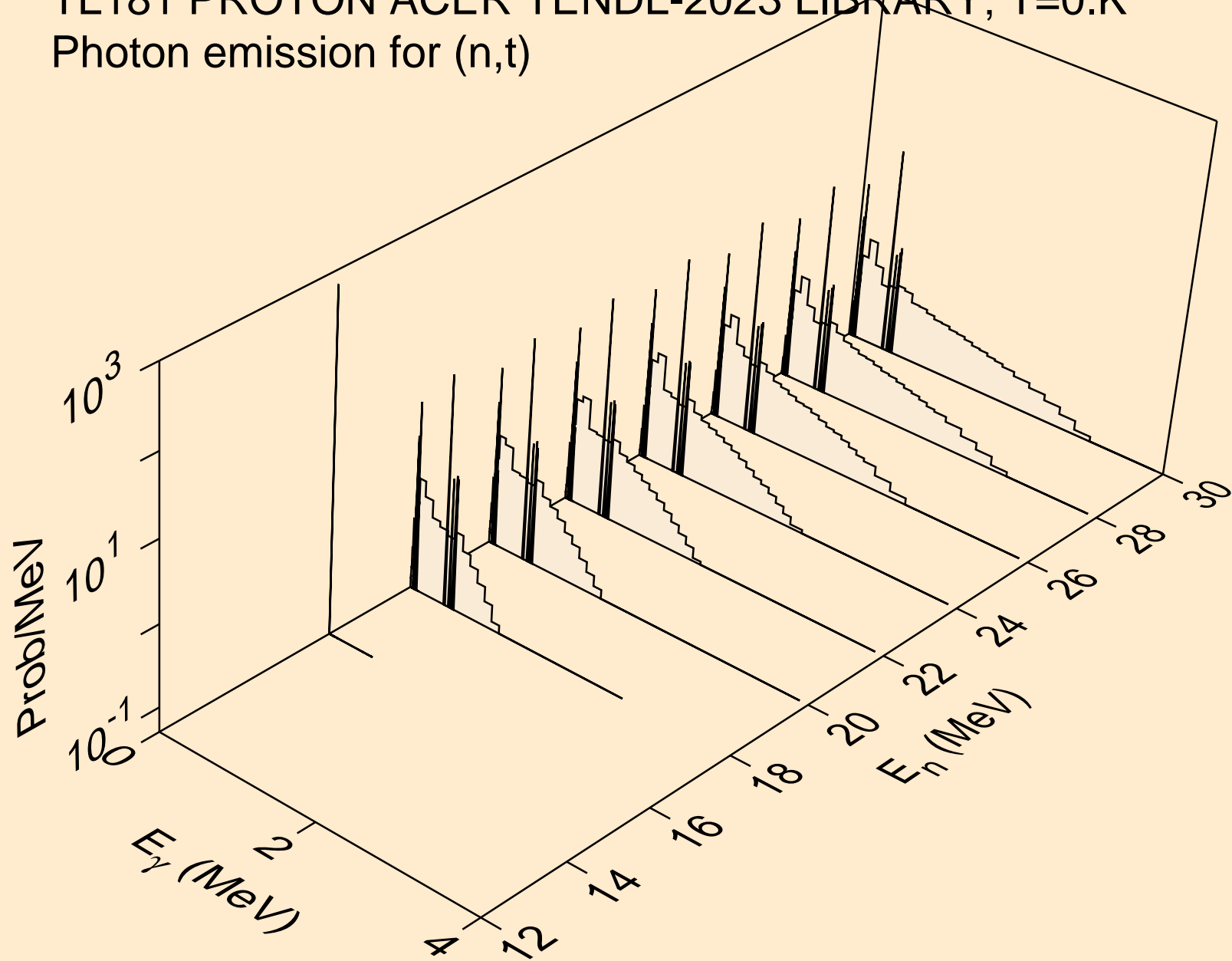
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



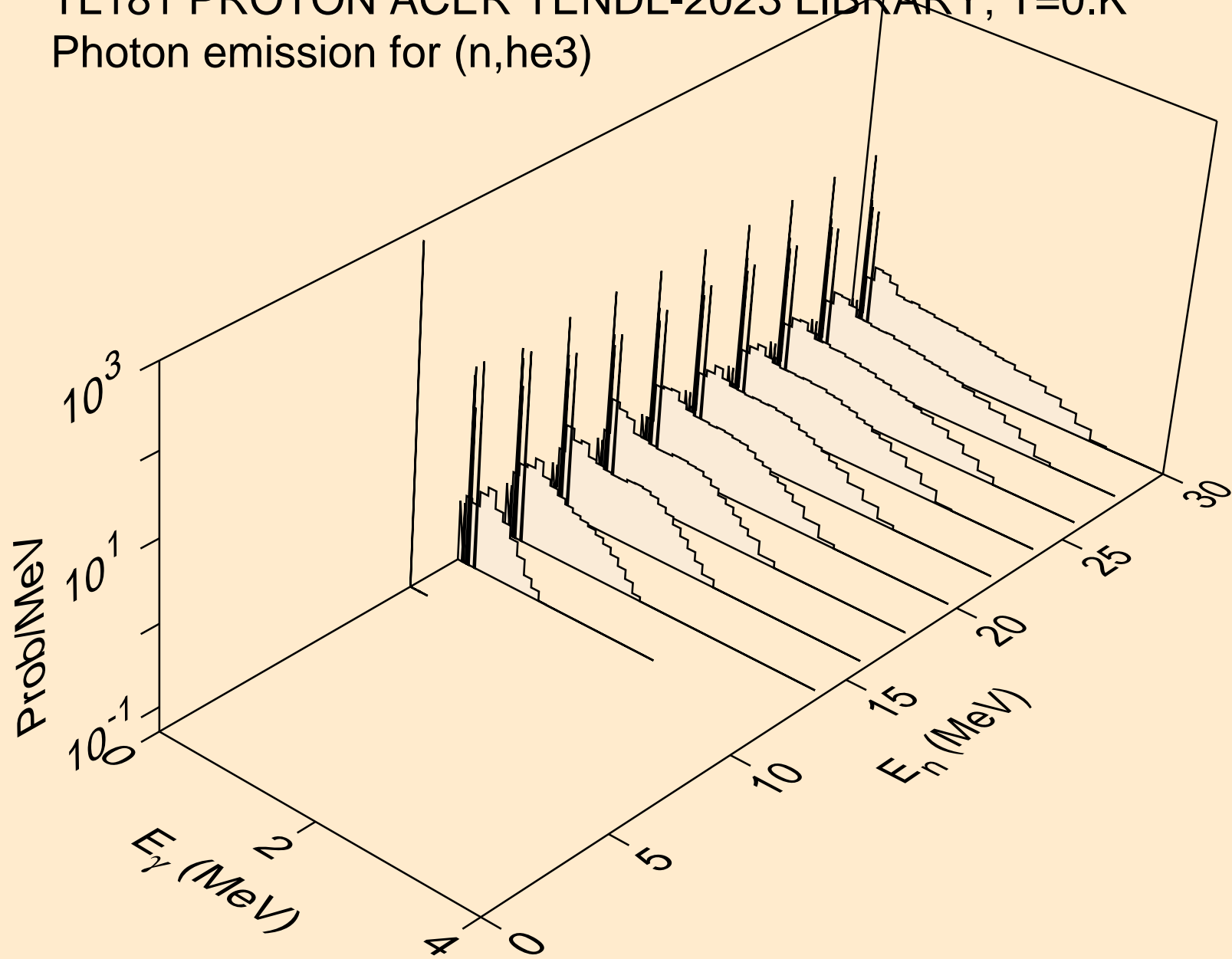
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Photon emission for (n,d)



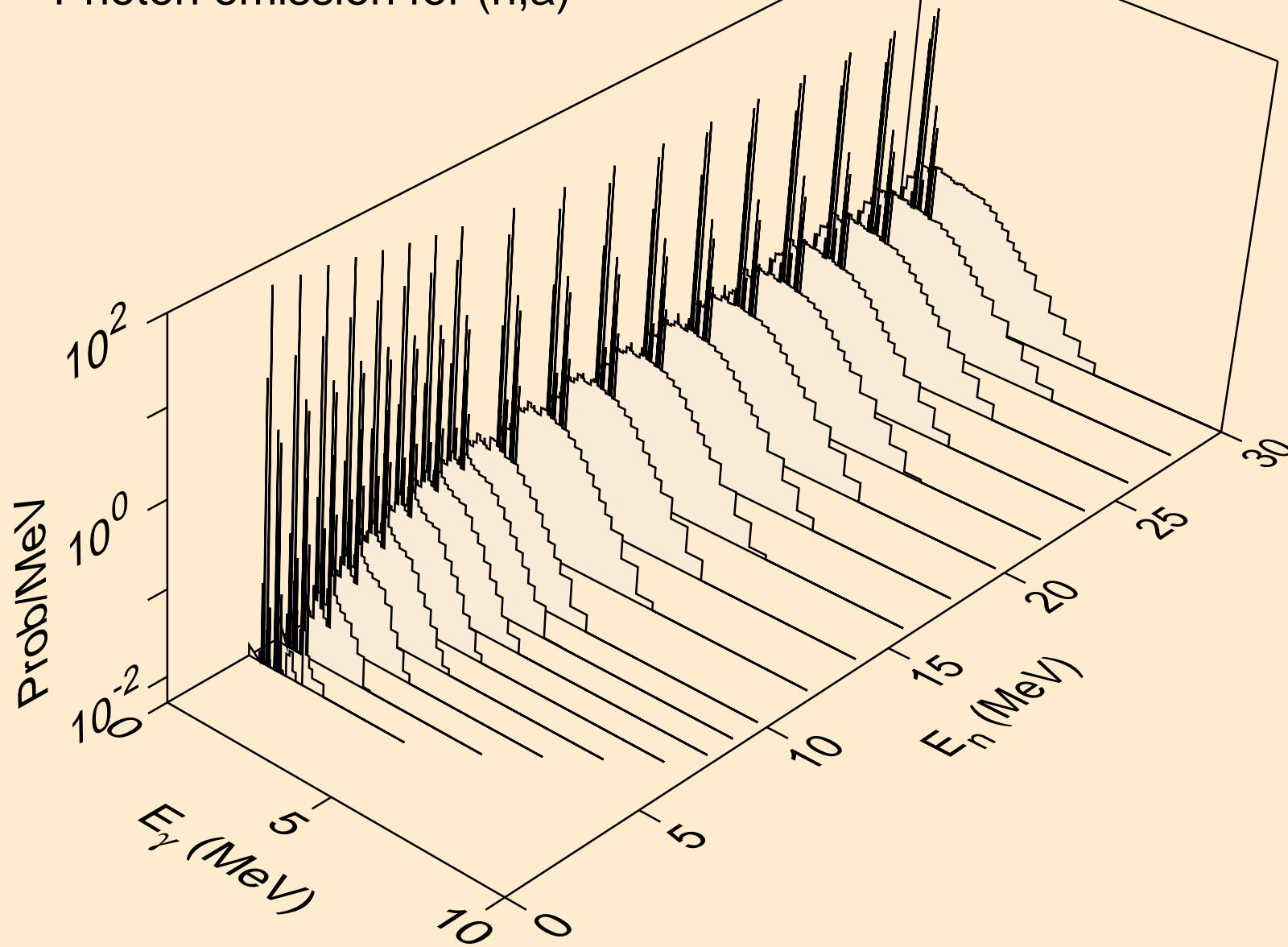
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Photon emission for (n,t)



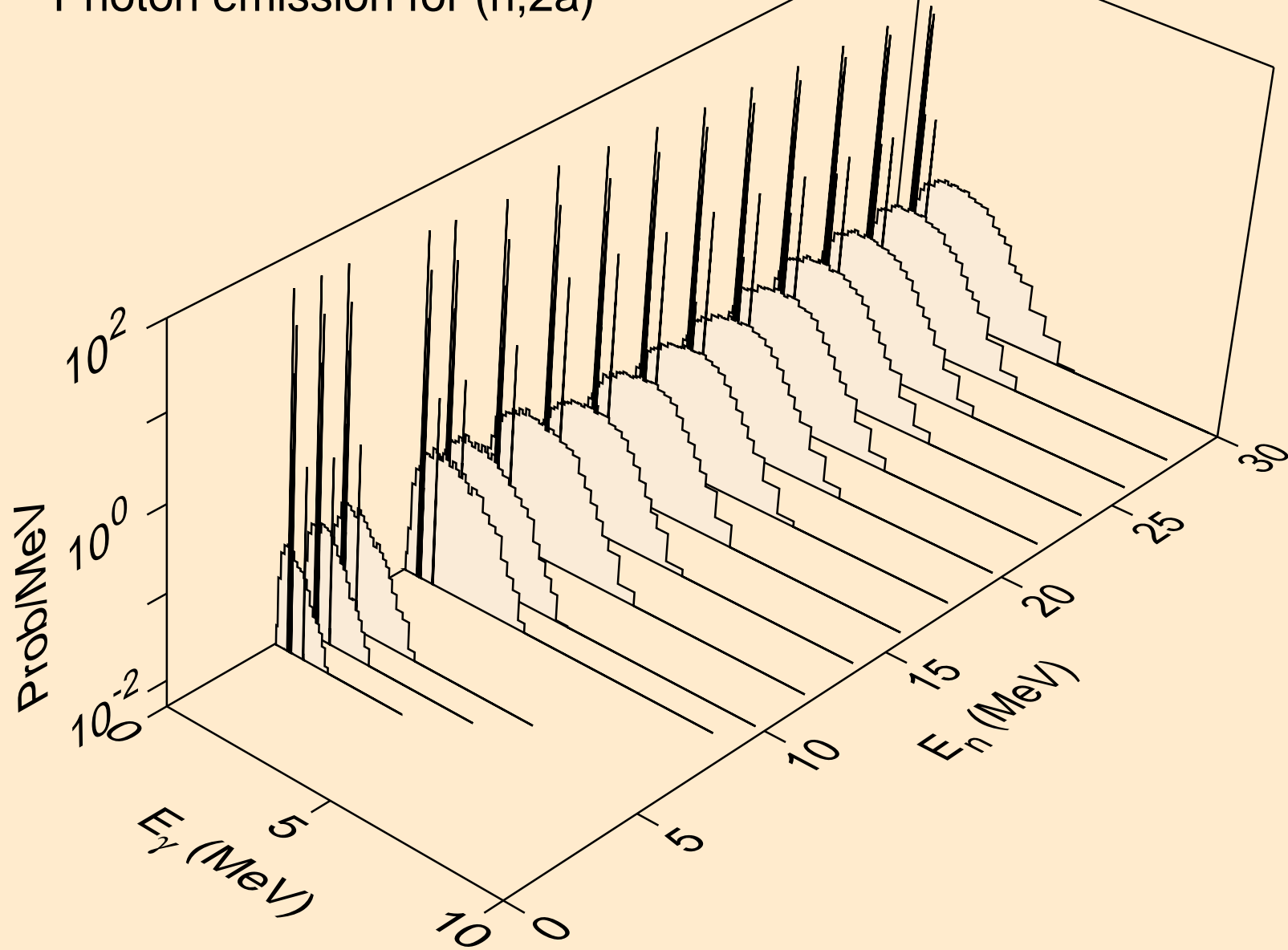
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



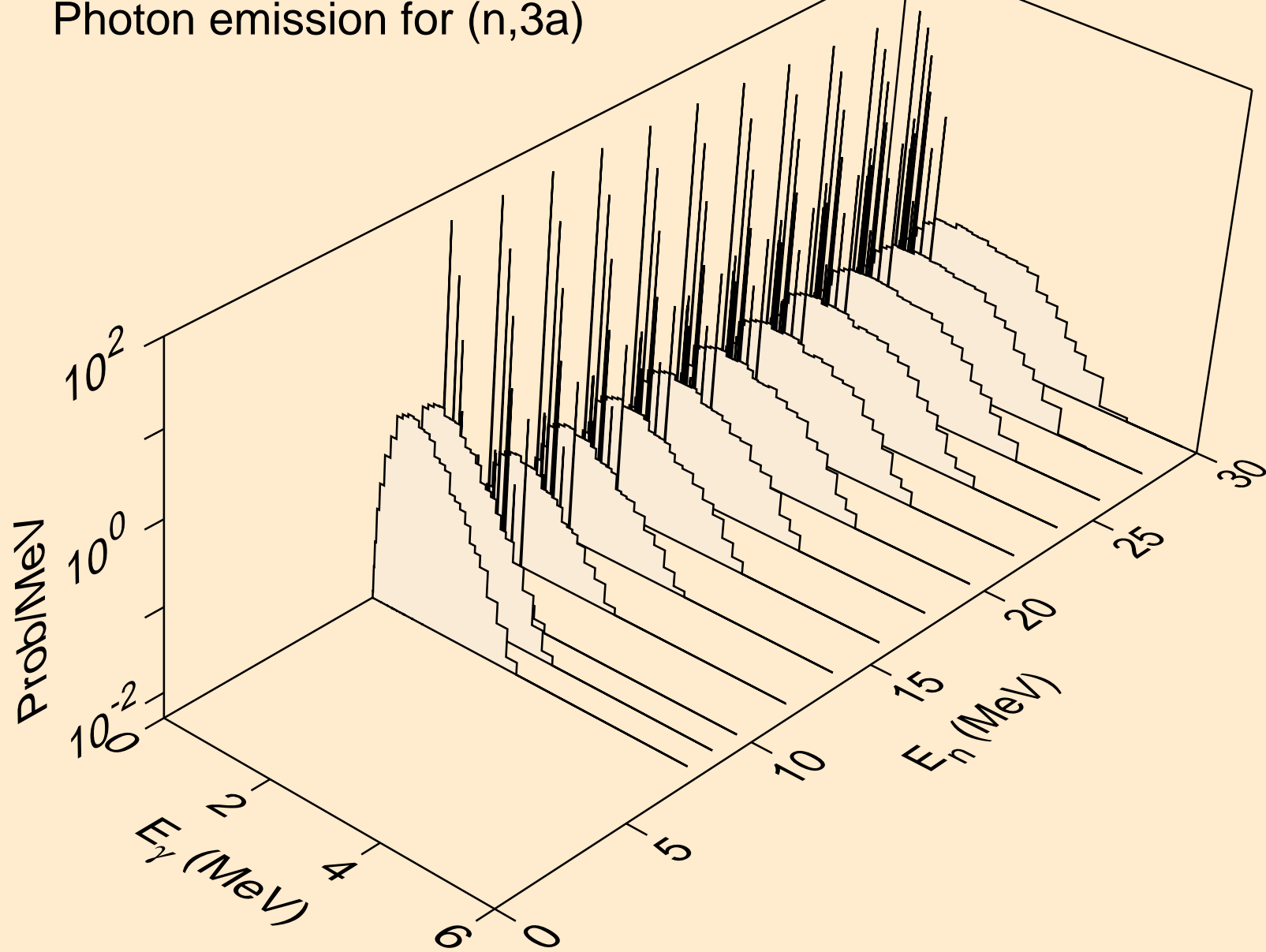
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

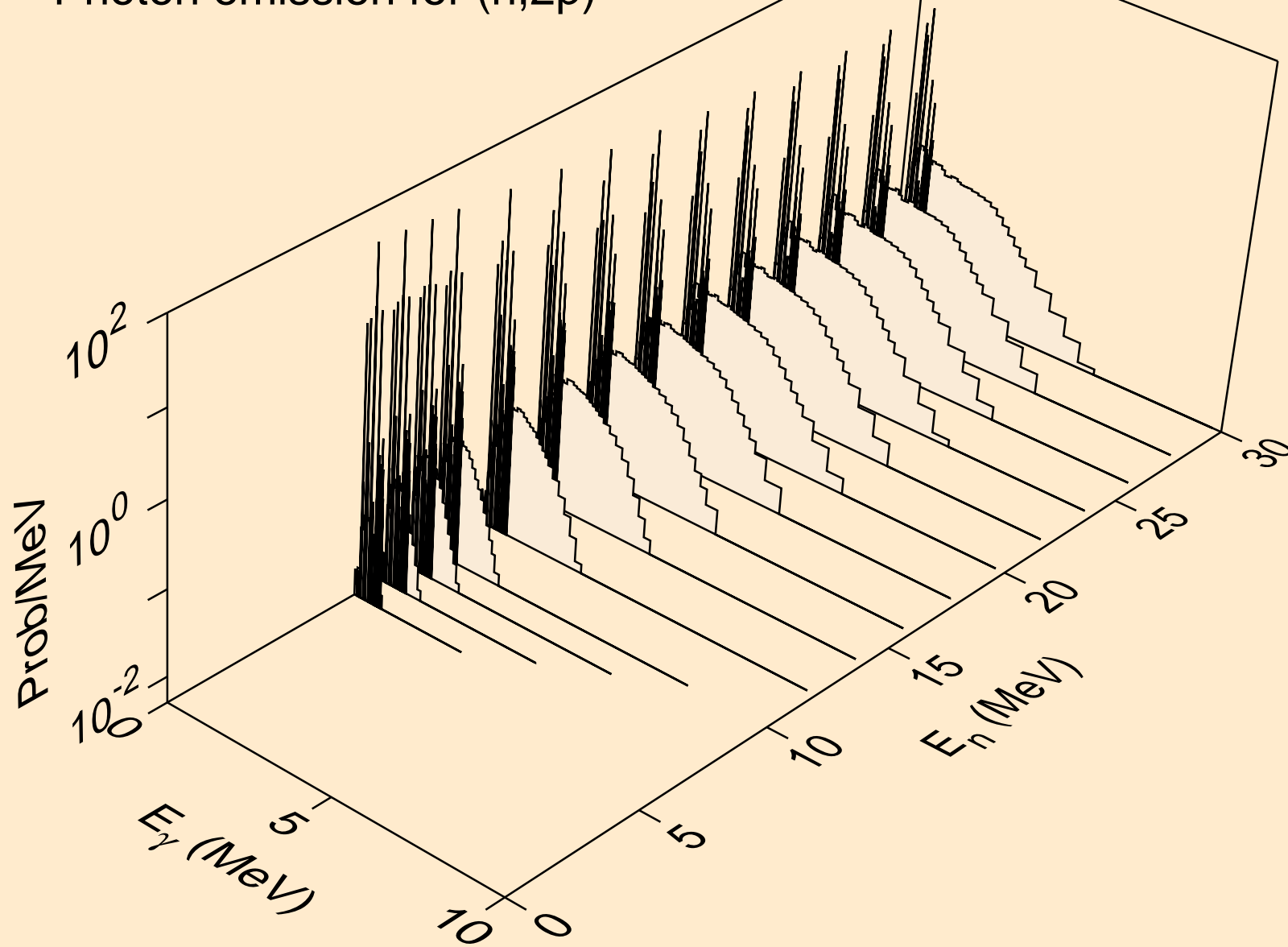


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

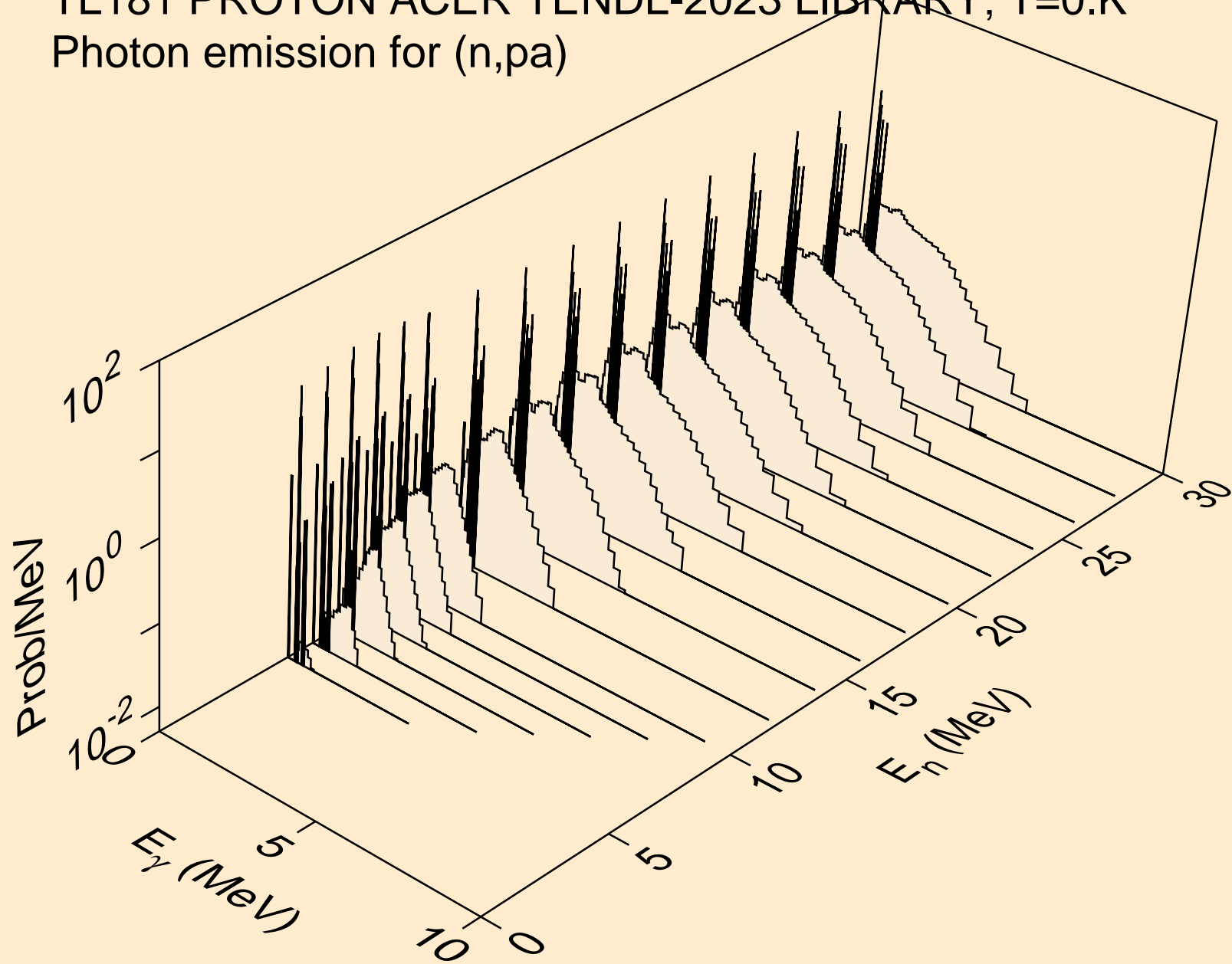




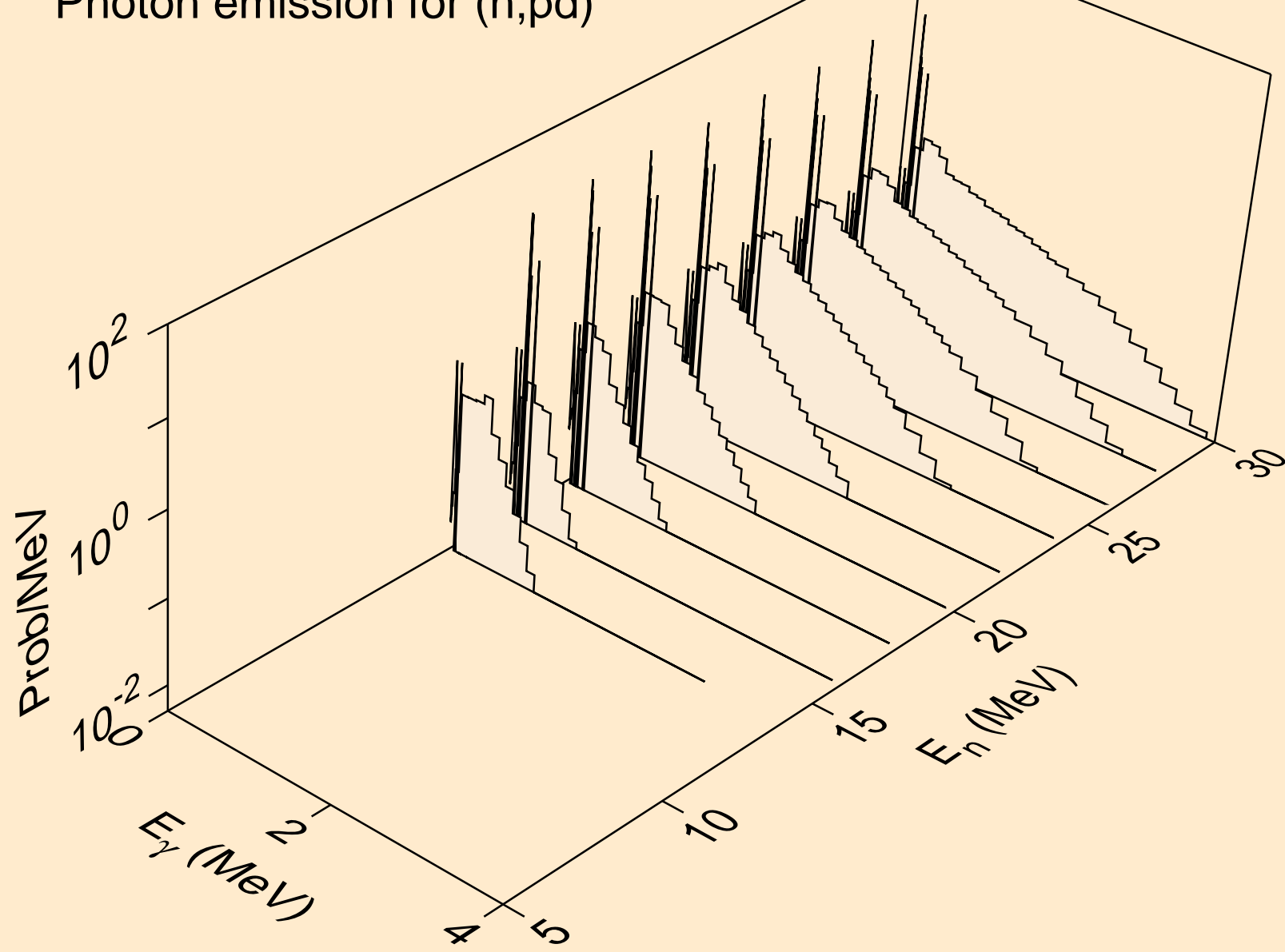
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Photon emission for (n,2p)



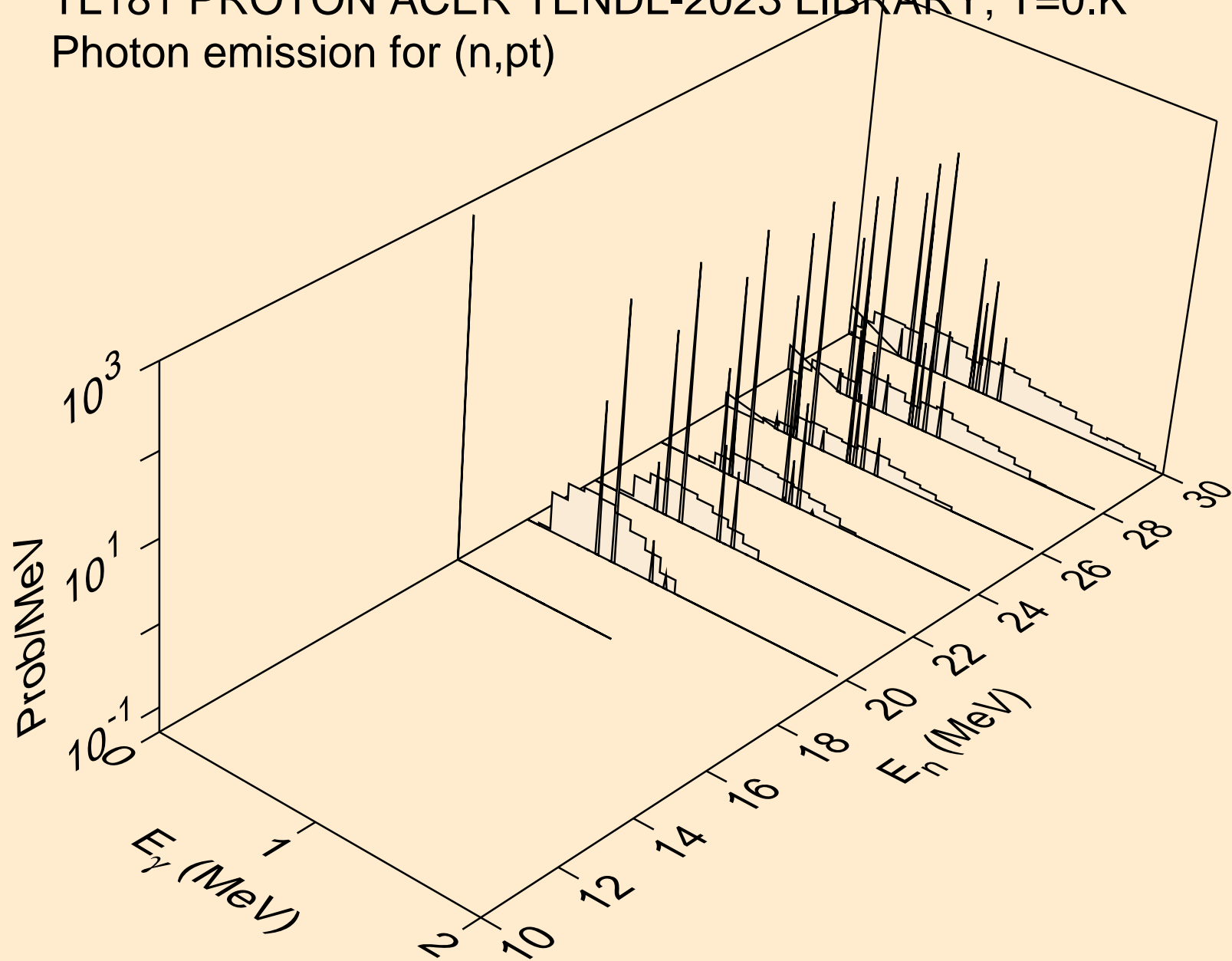
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Photon emission for (n,pa)



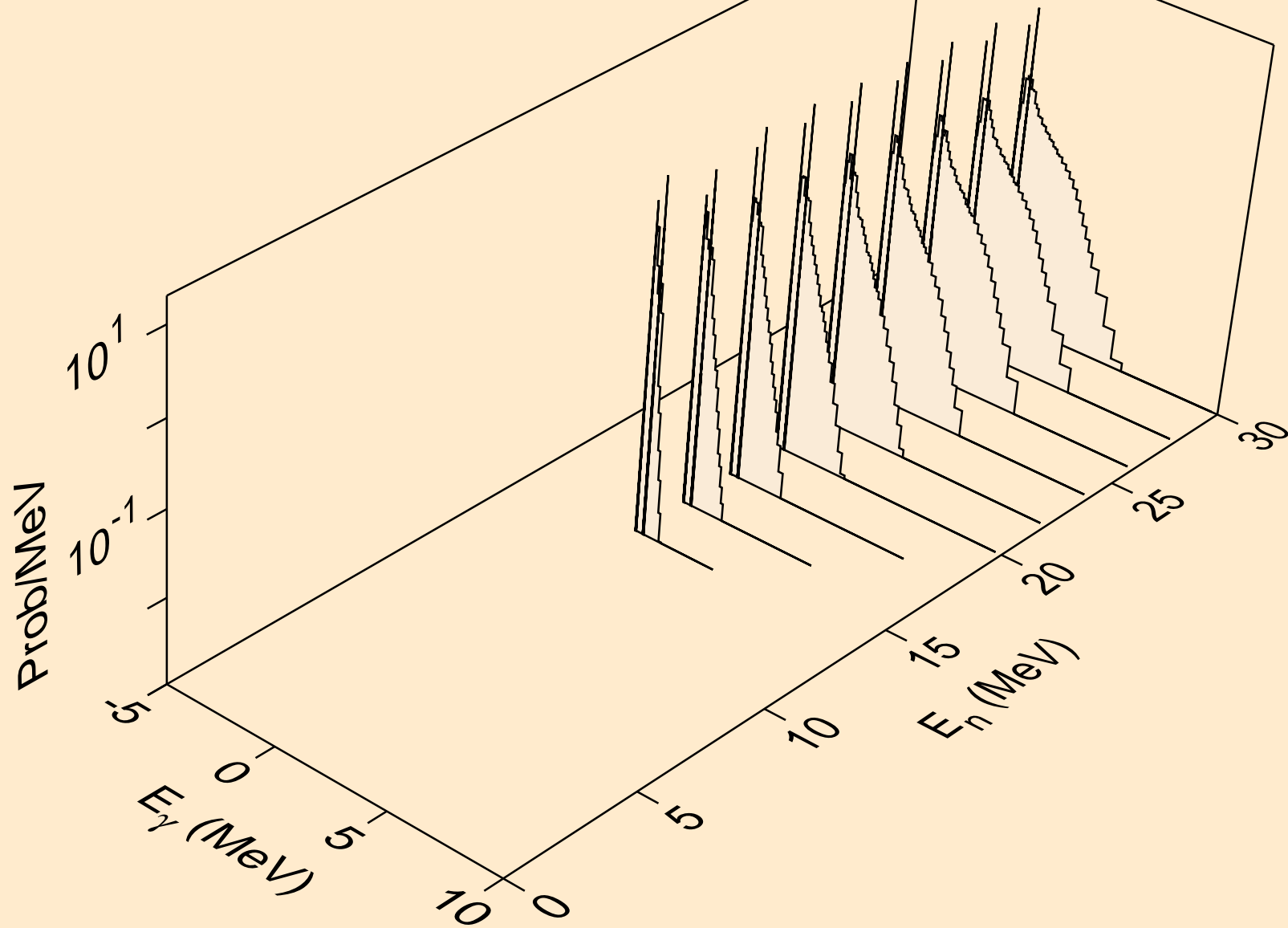
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Photon emission for (n,pd)



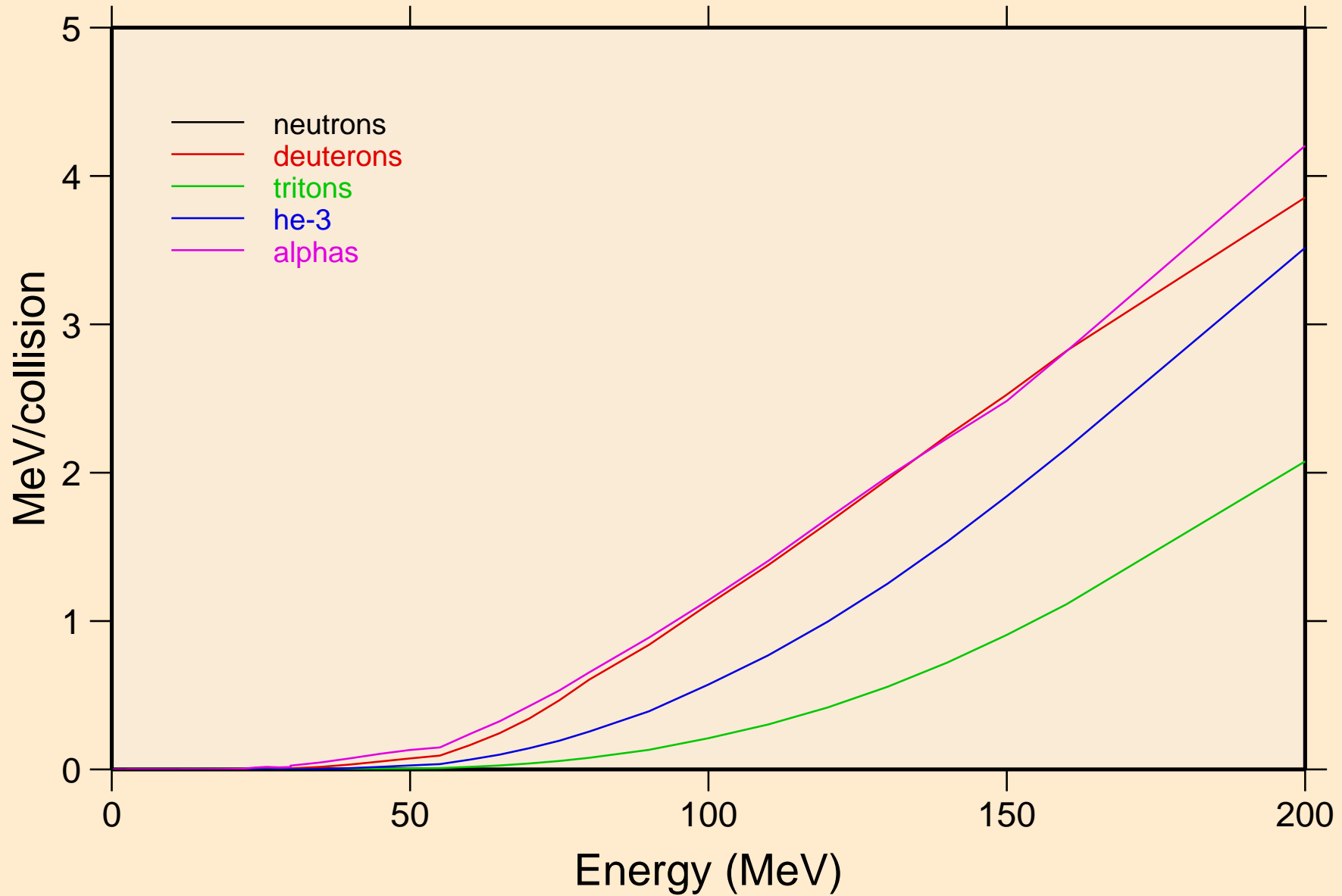
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Photon emission for (n,pt)



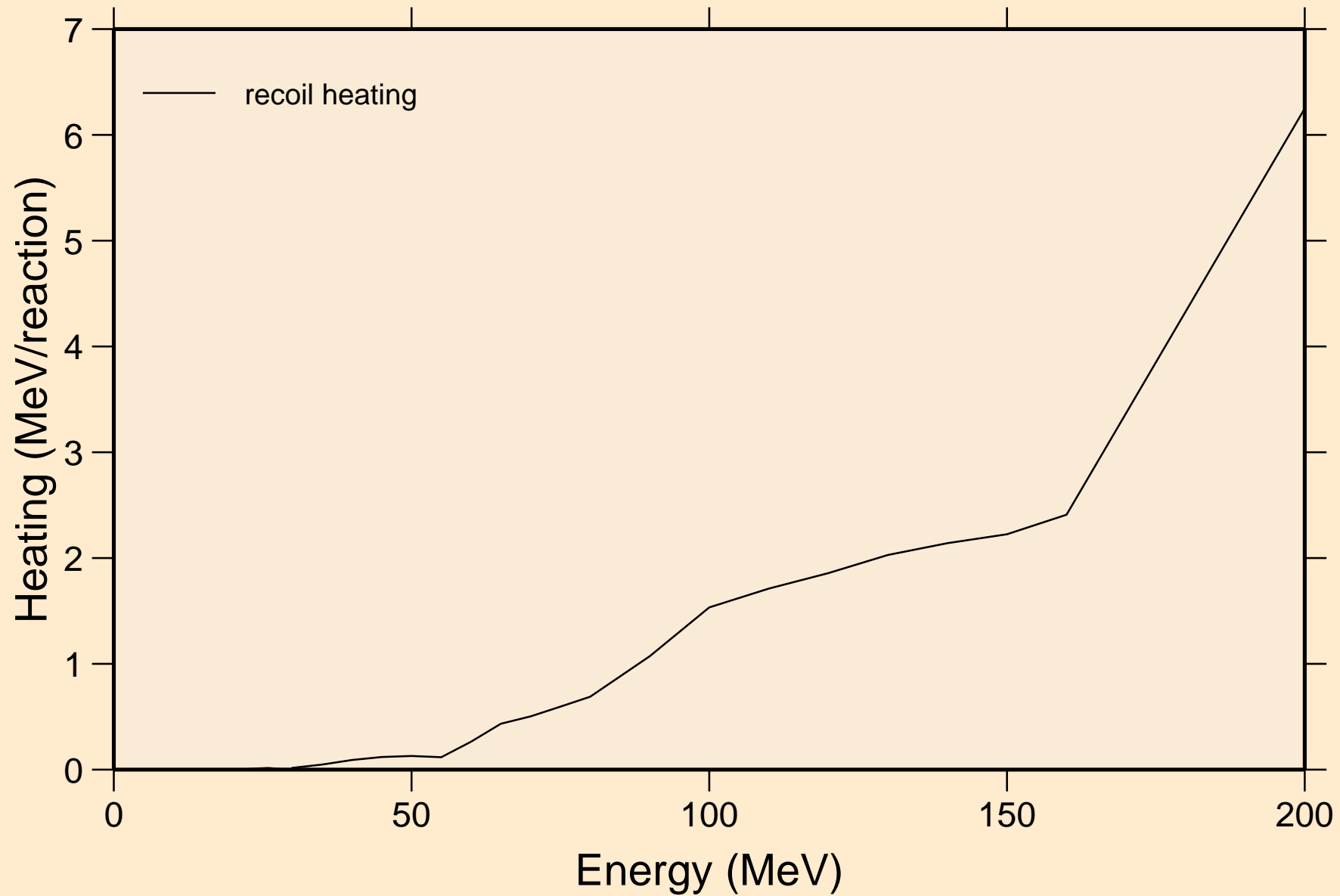
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Photon emission for (n,da)



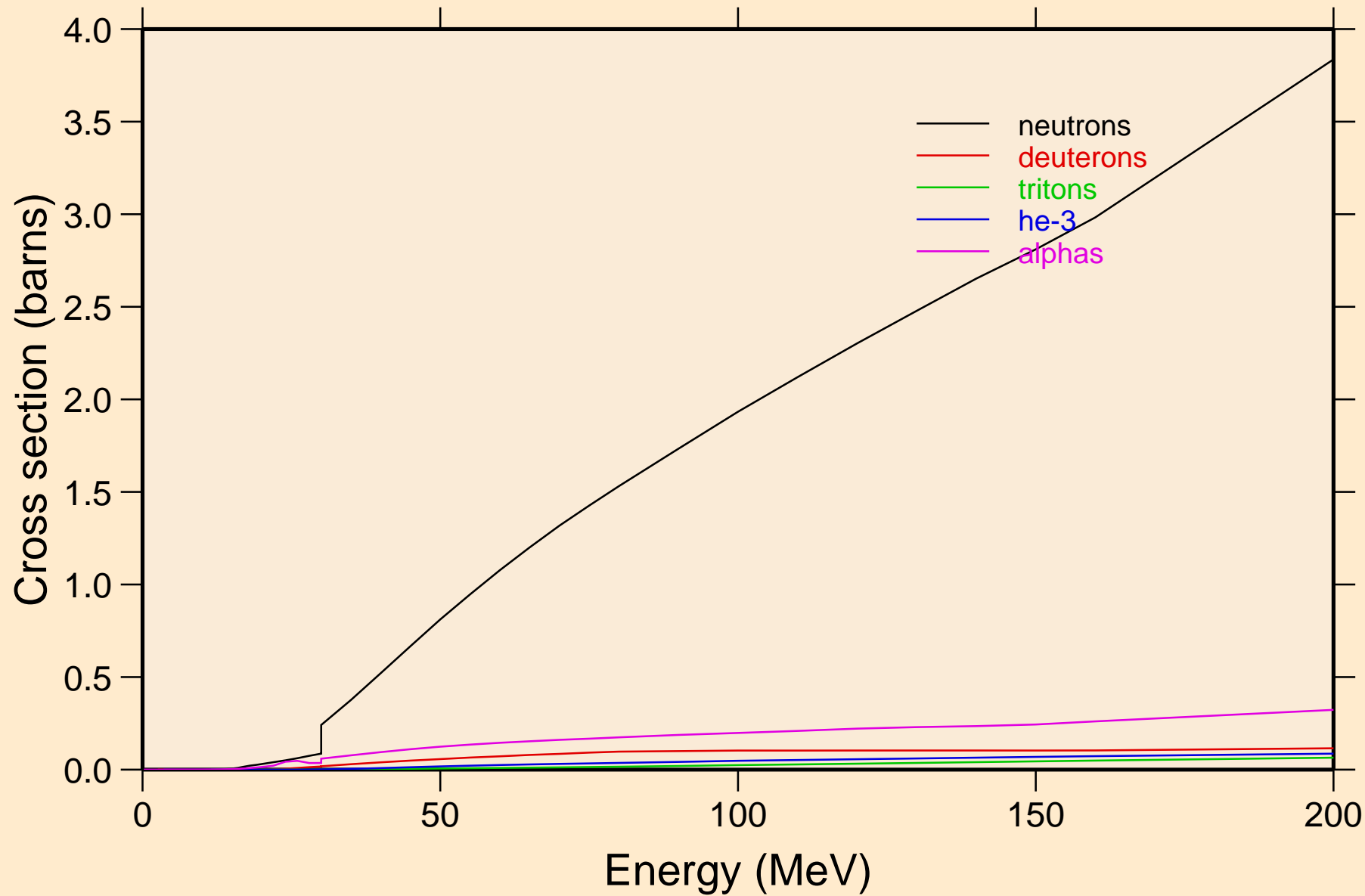
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

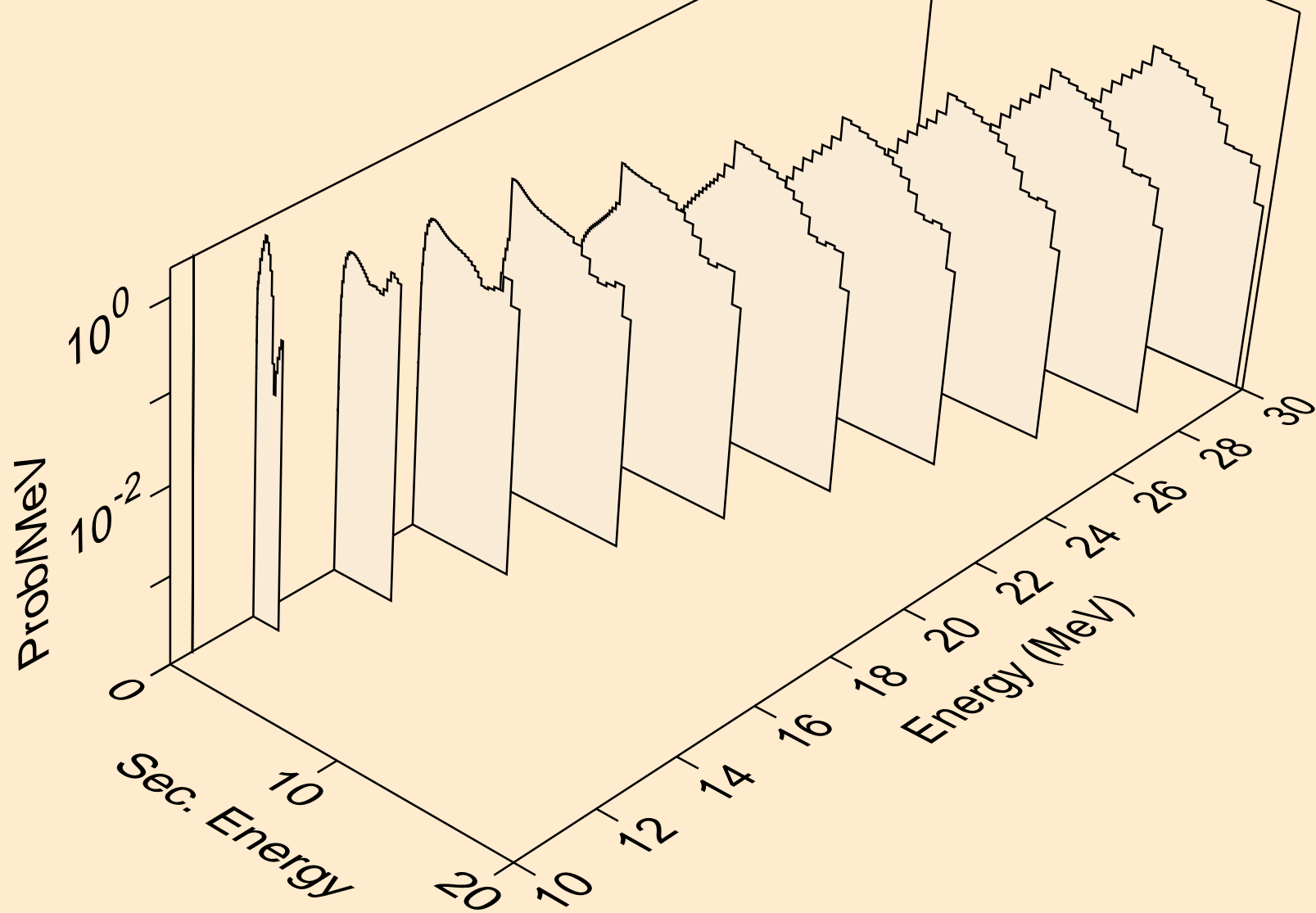


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

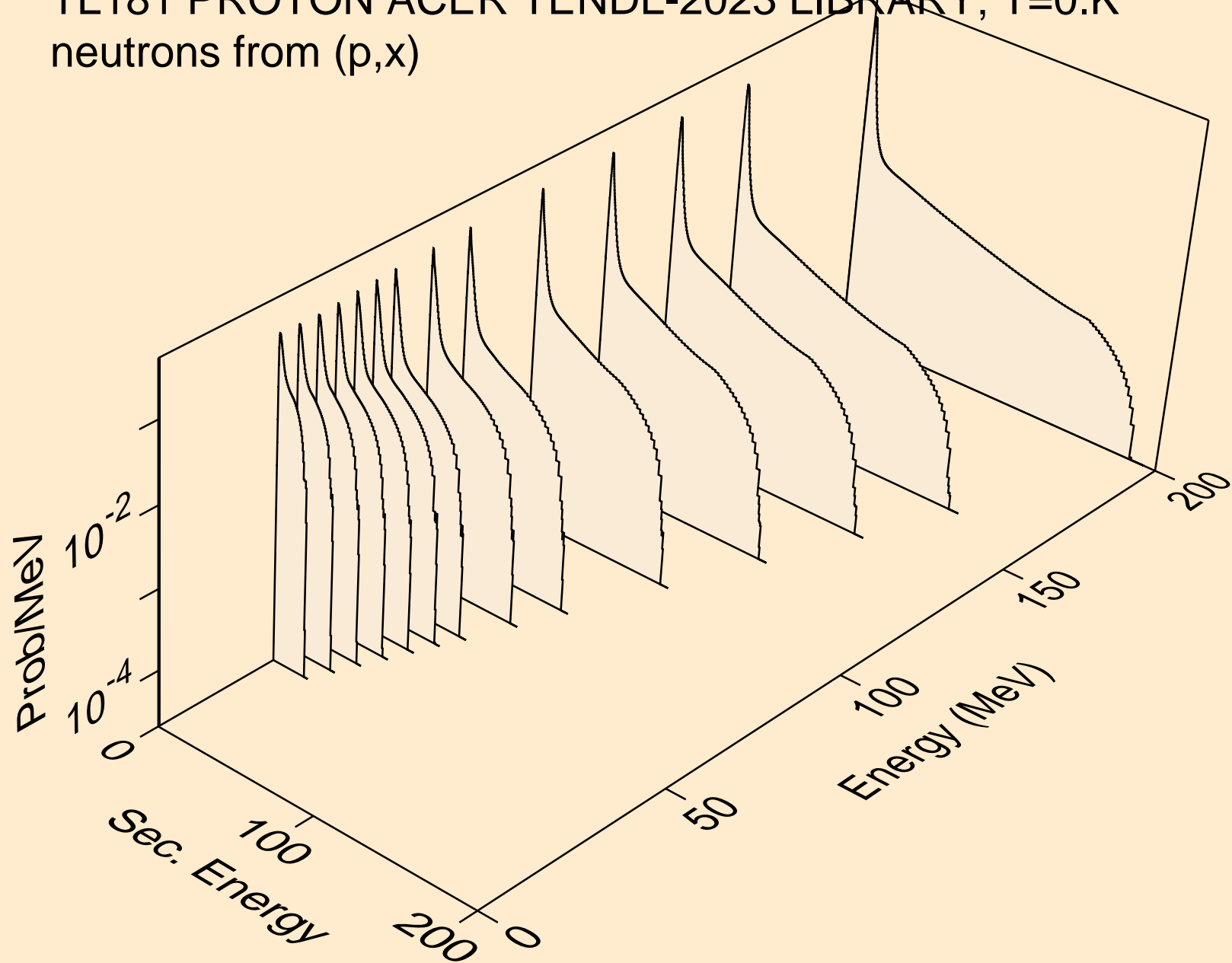




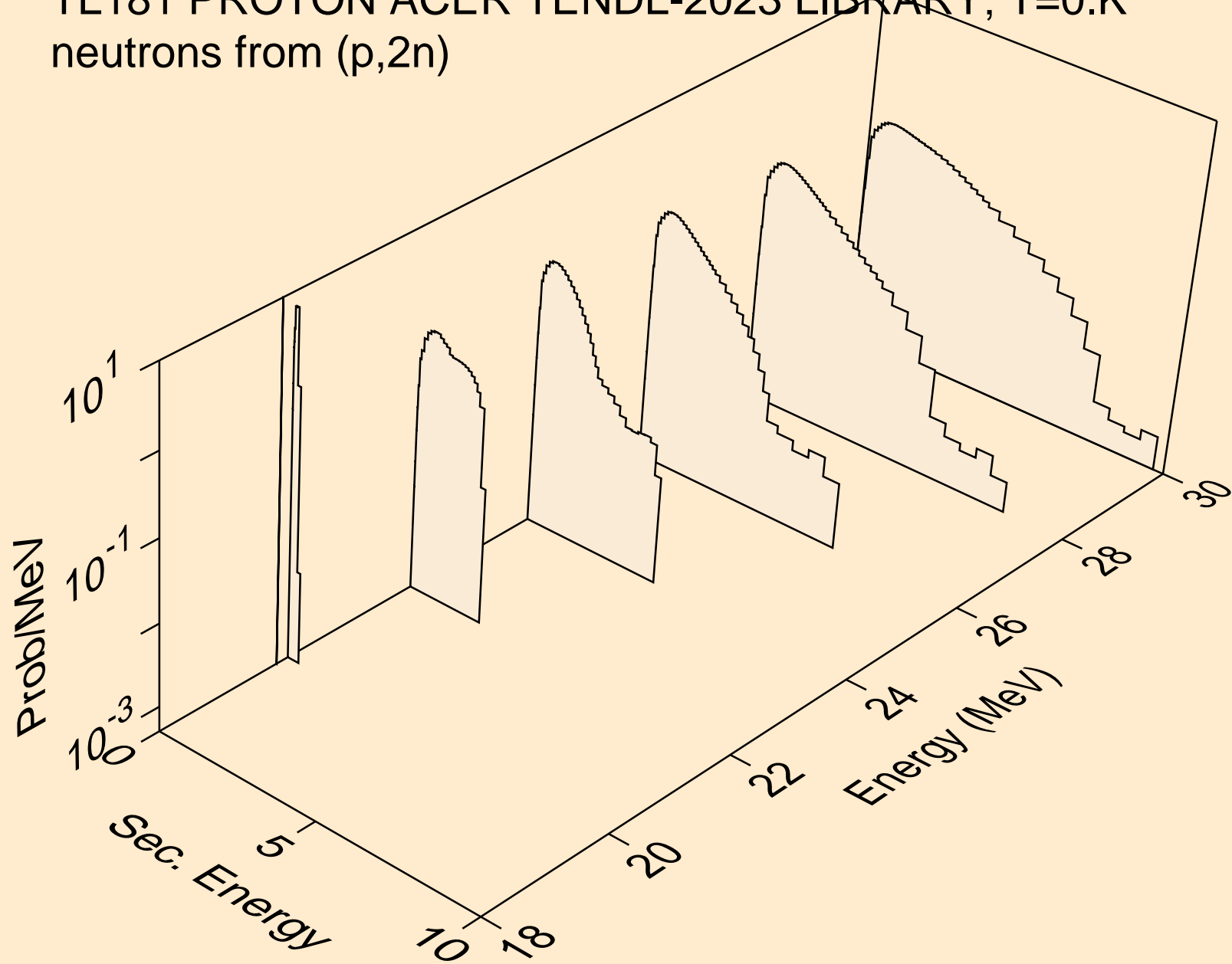
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



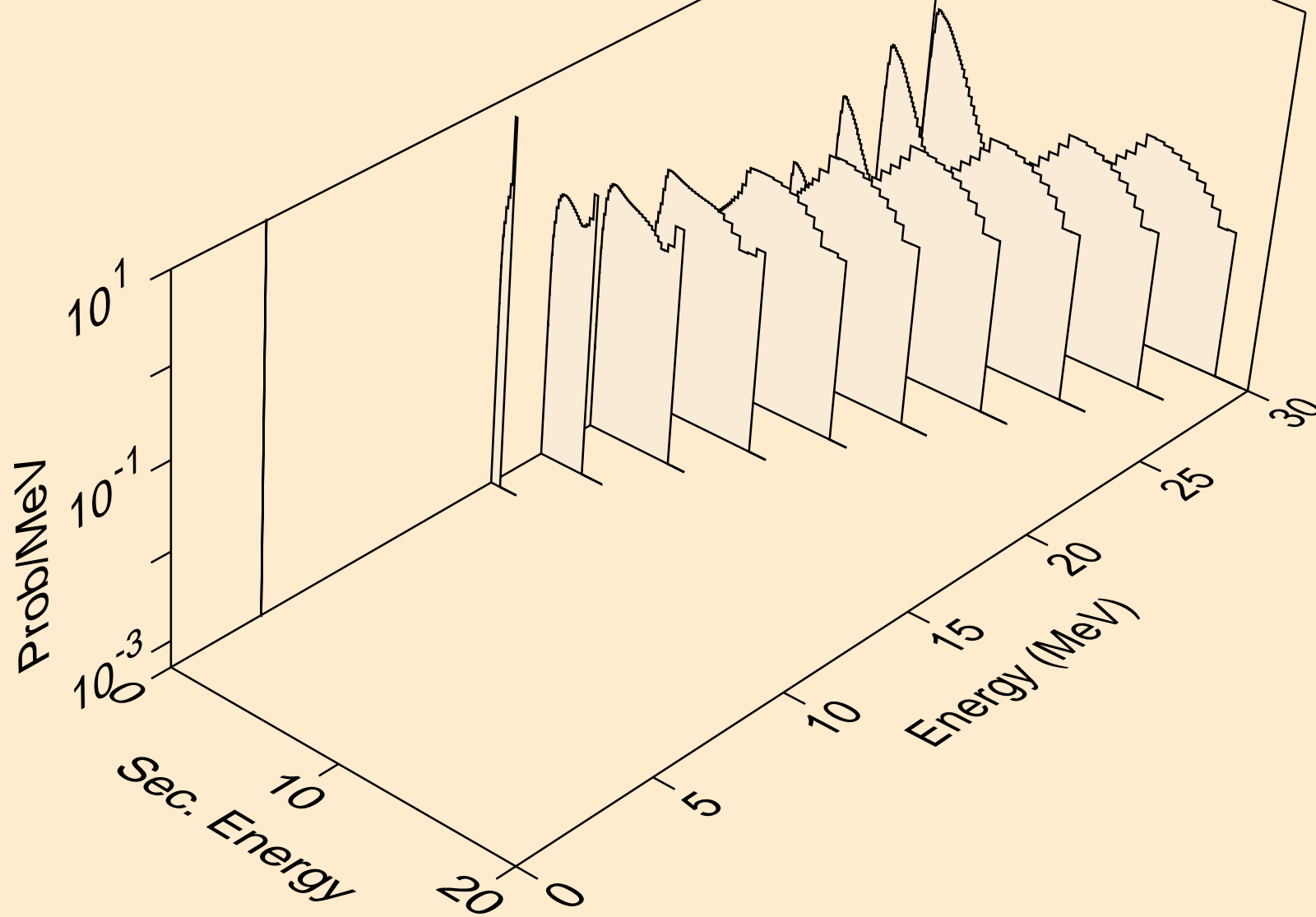
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



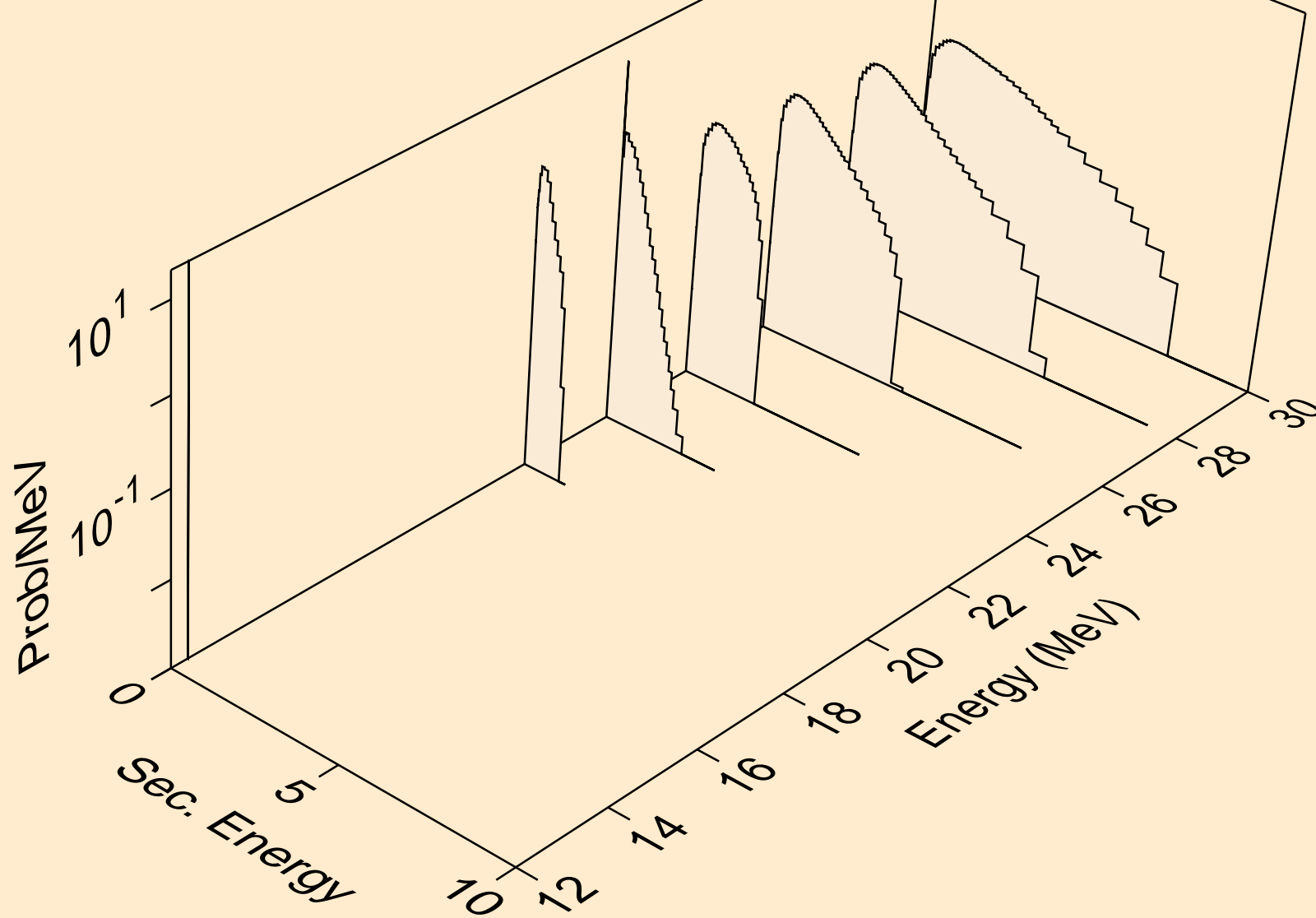
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neutrons from (p,2n)



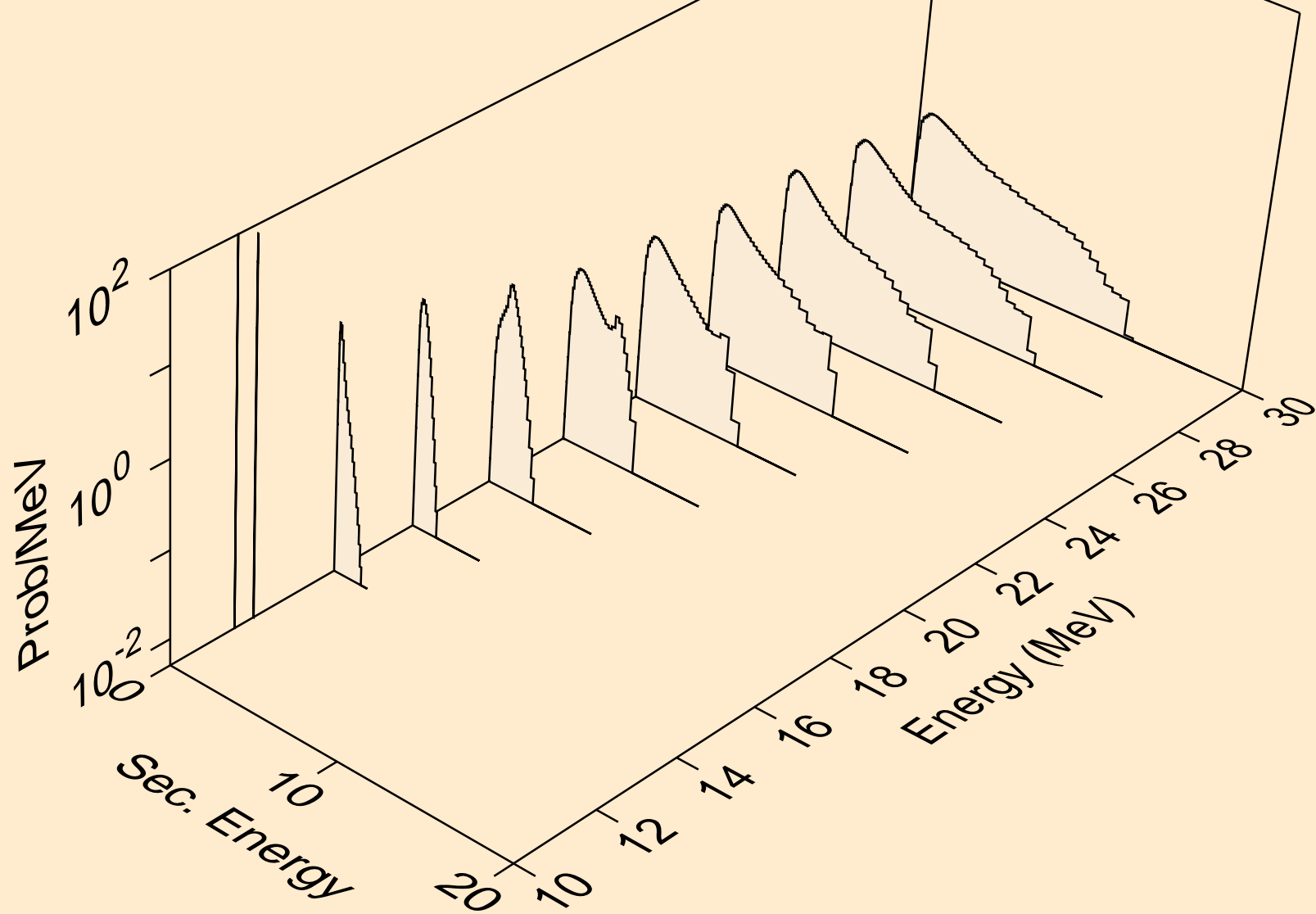
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



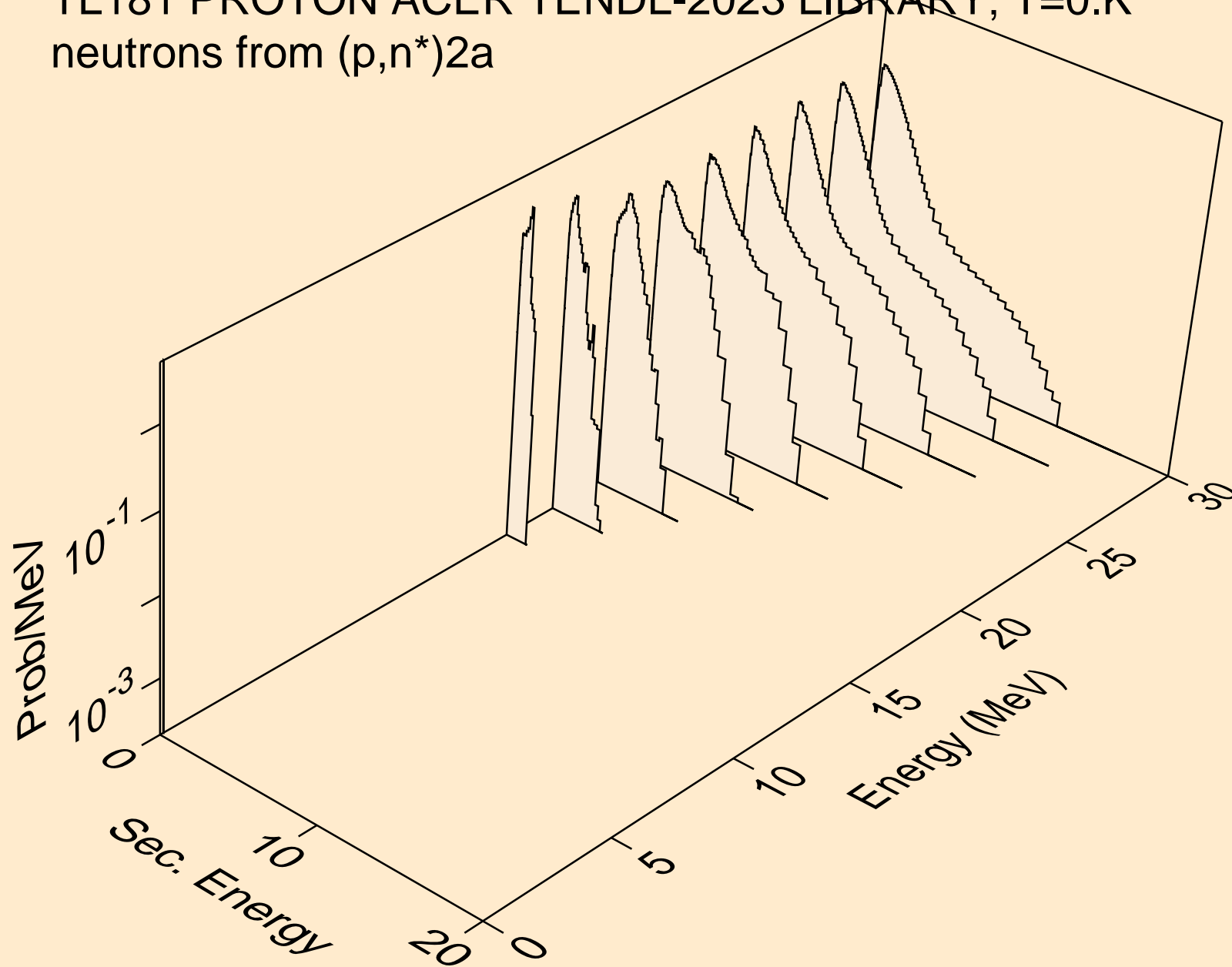
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



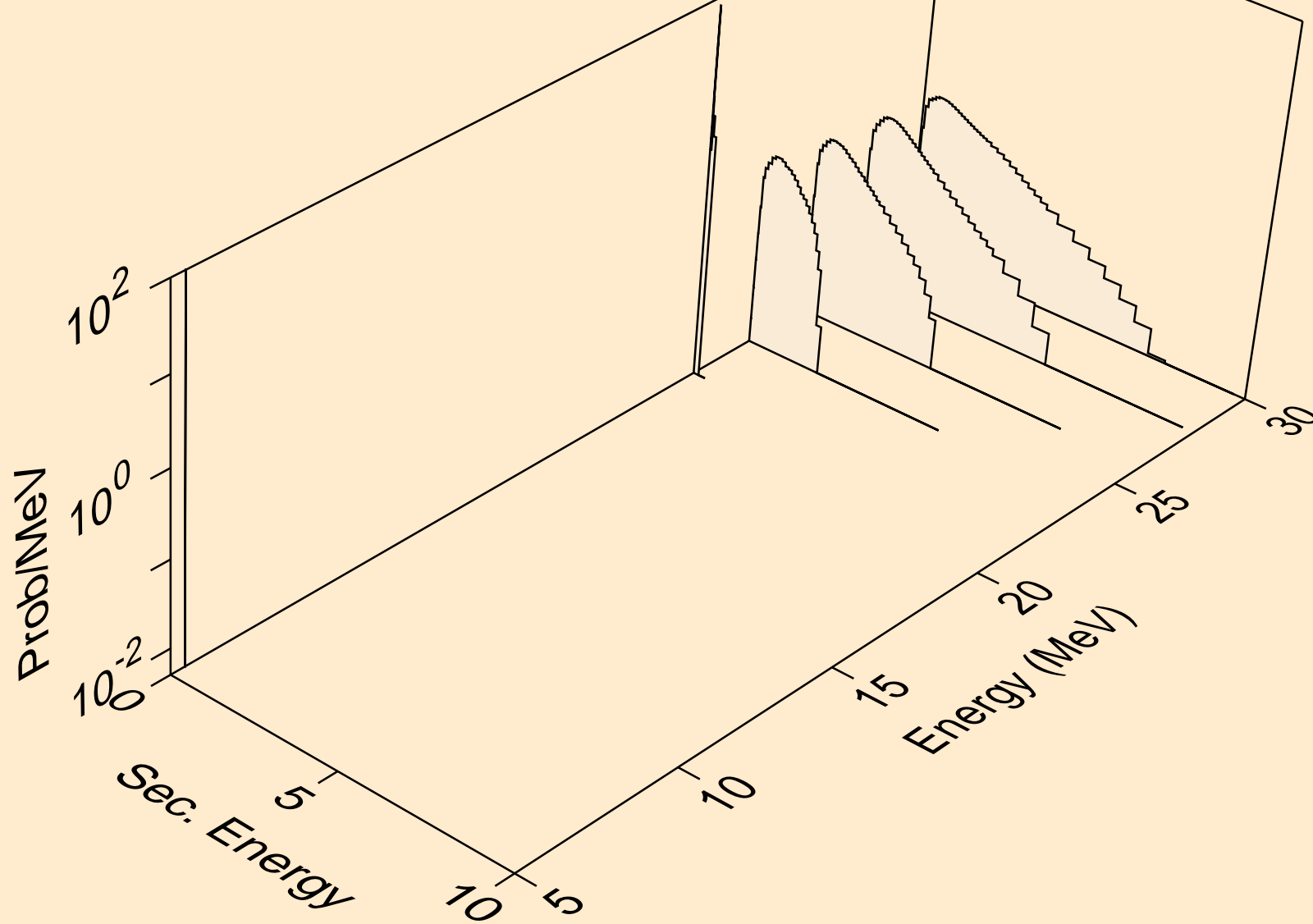
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

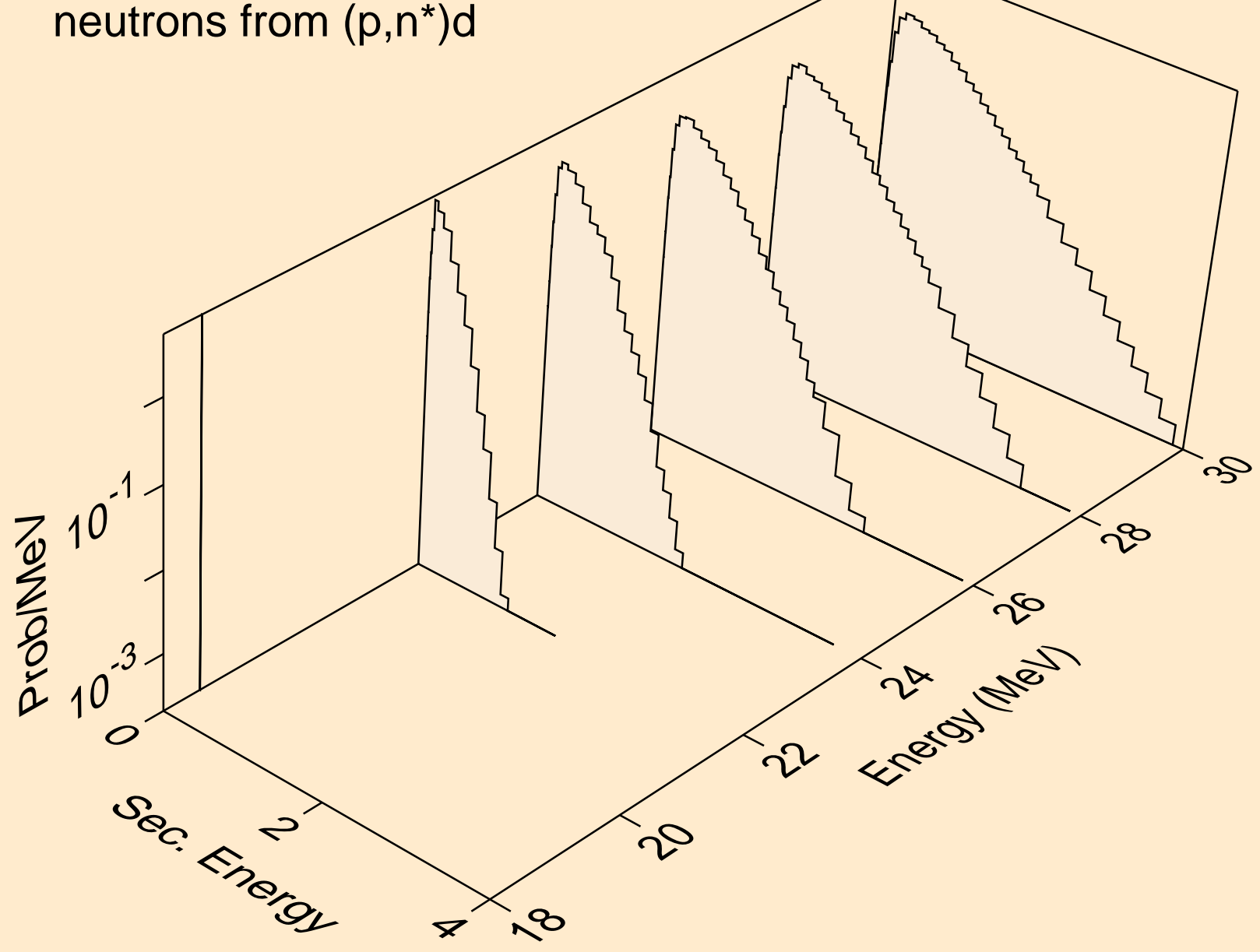


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neutrons from (p,2n)2a

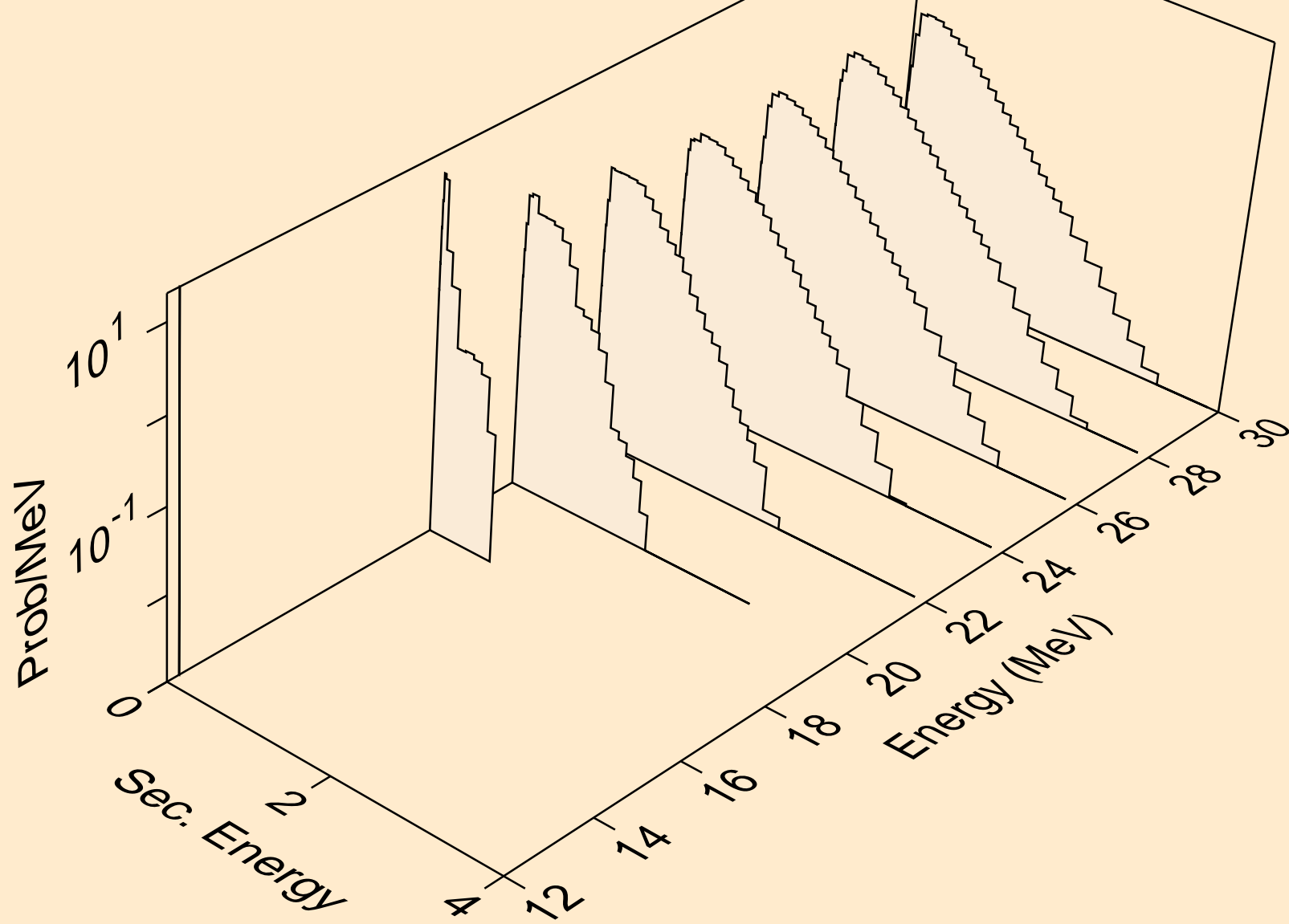




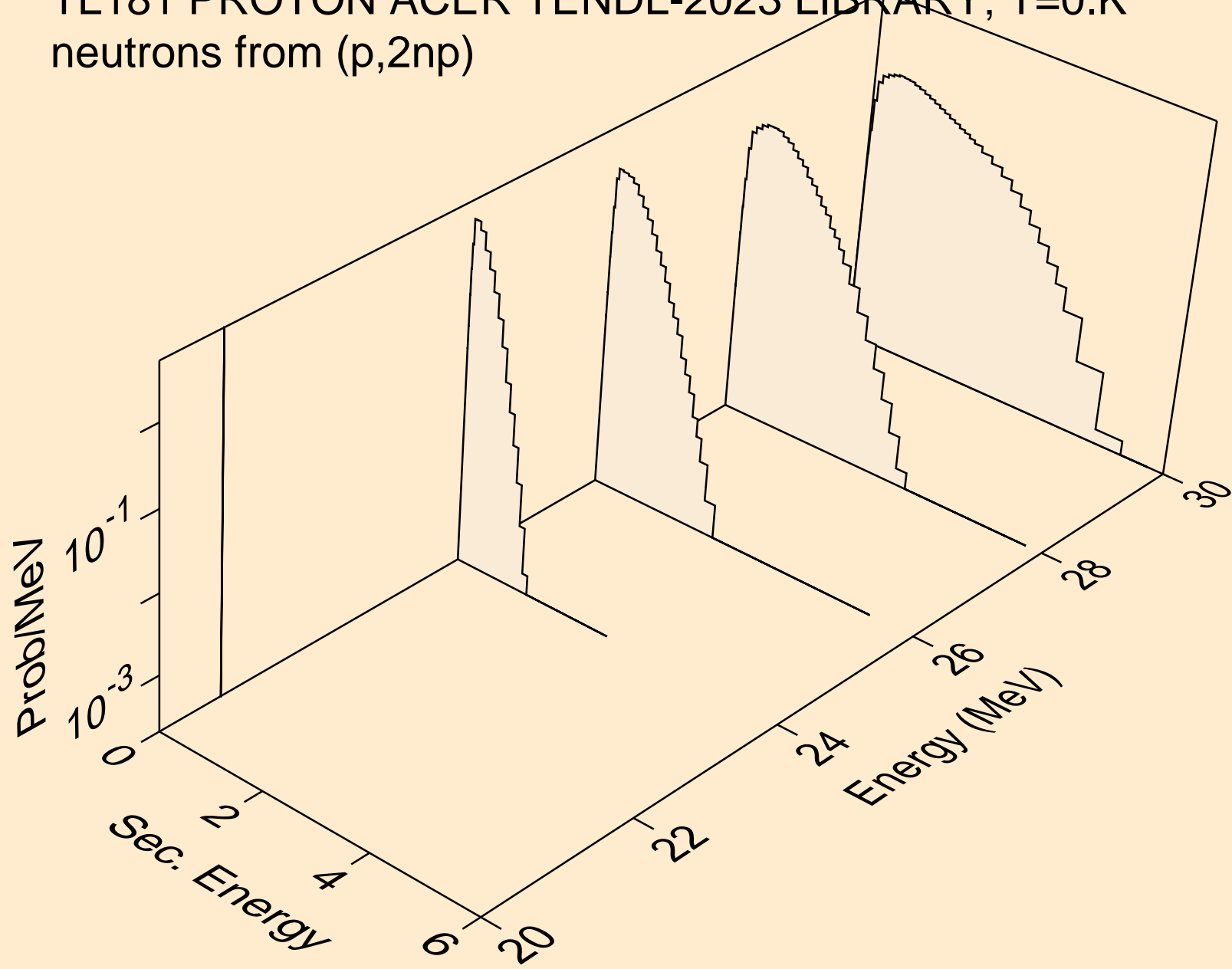
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



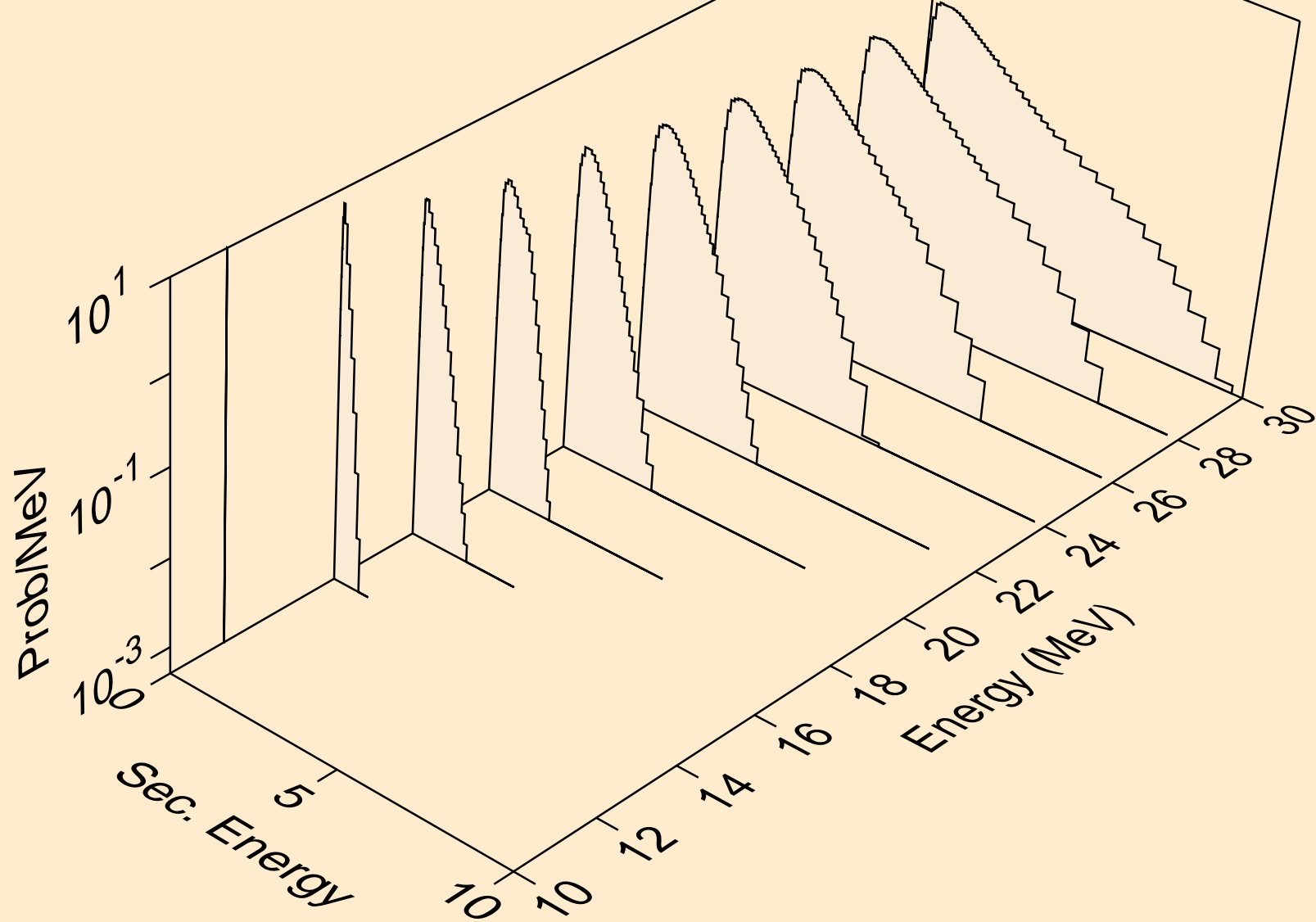
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



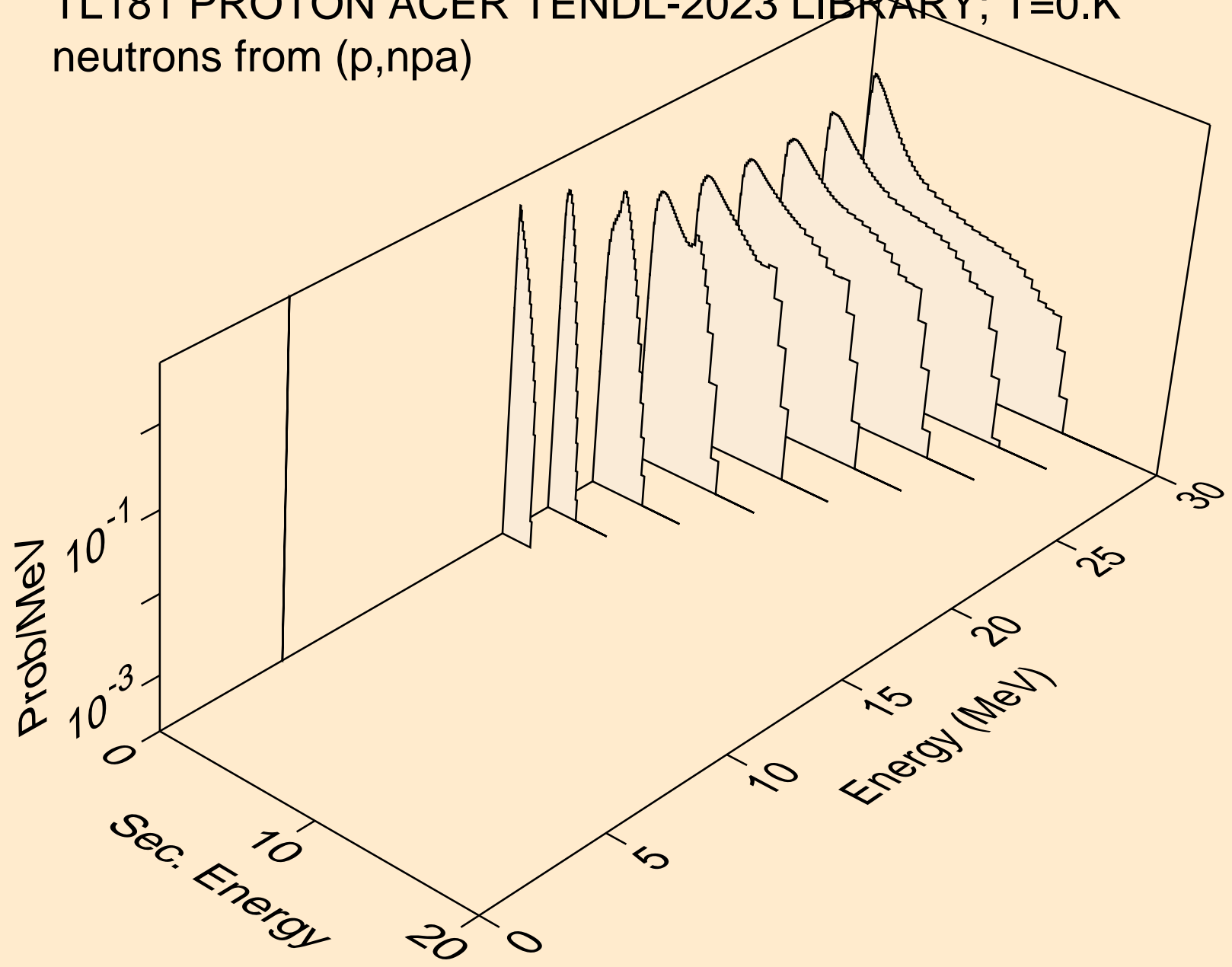
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neutrons from (p,2np)



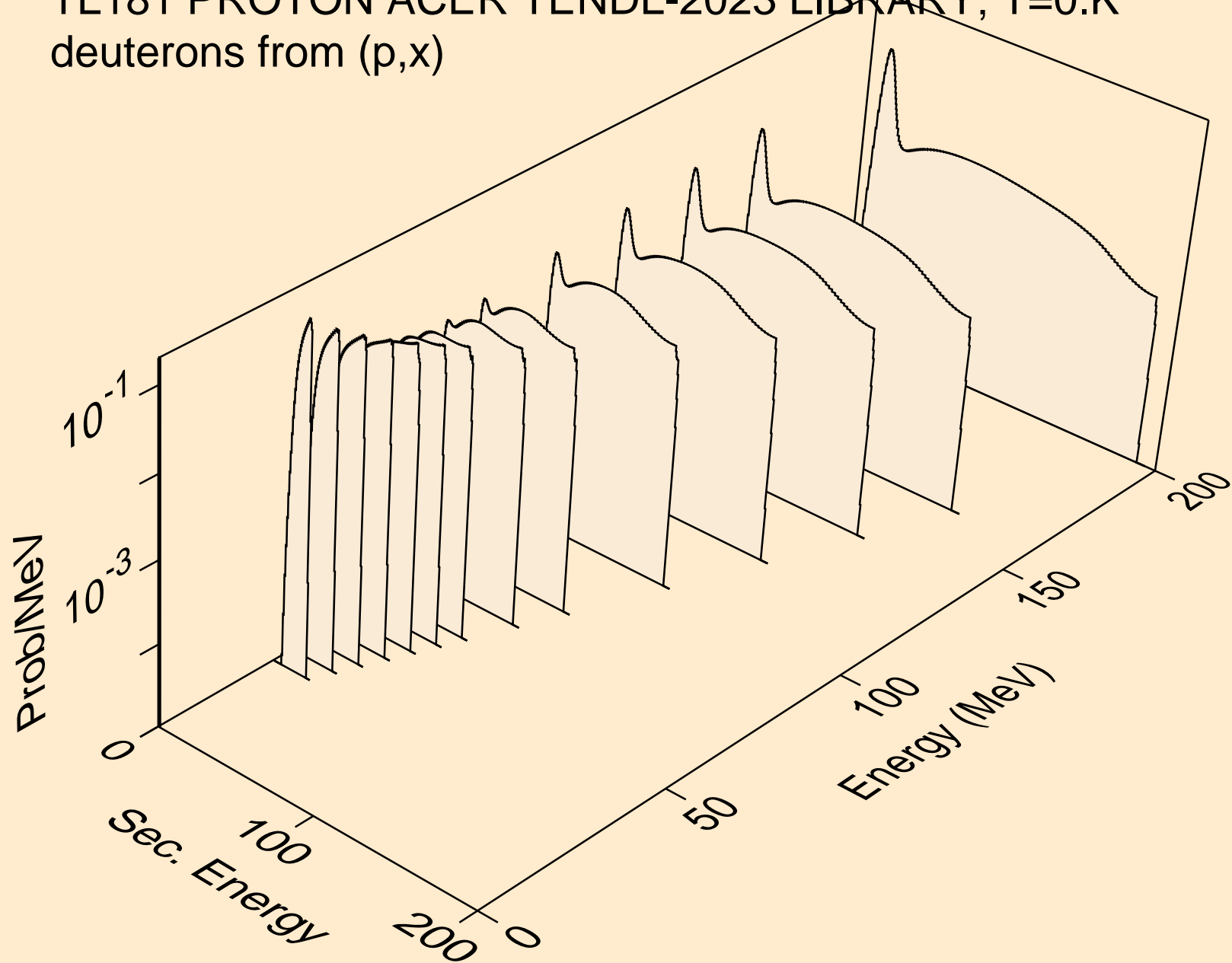
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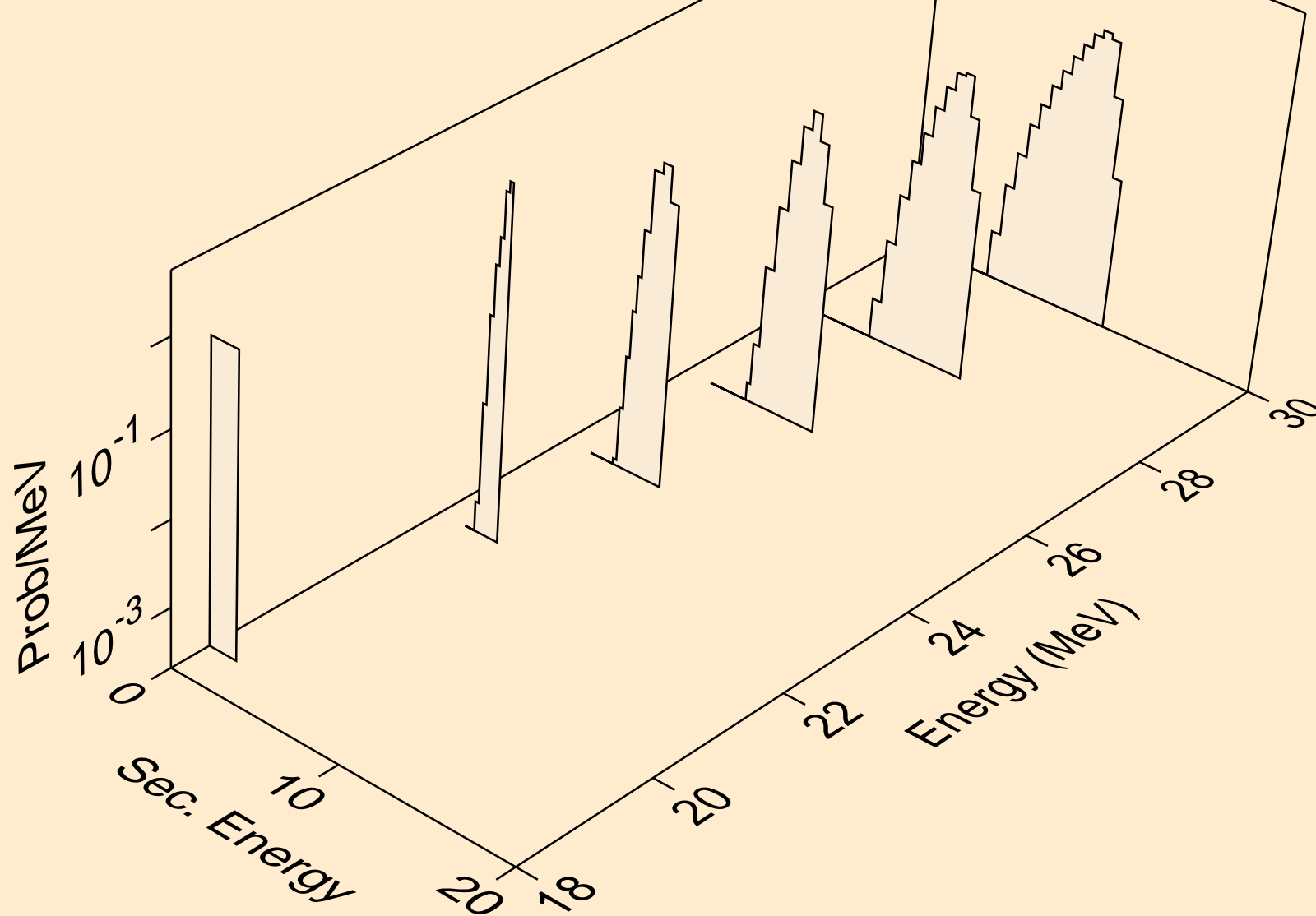
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neutrons from (p,npa)



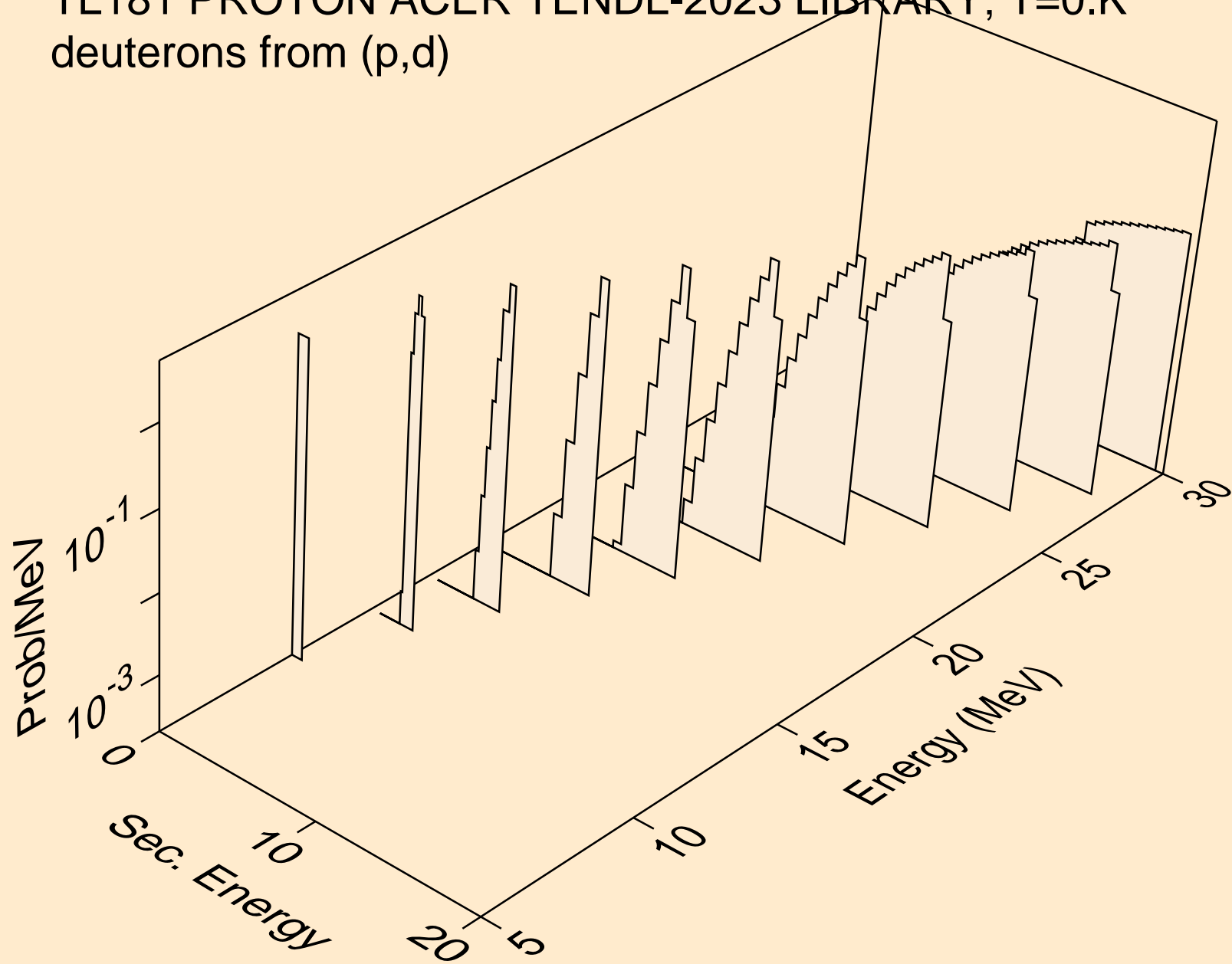
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

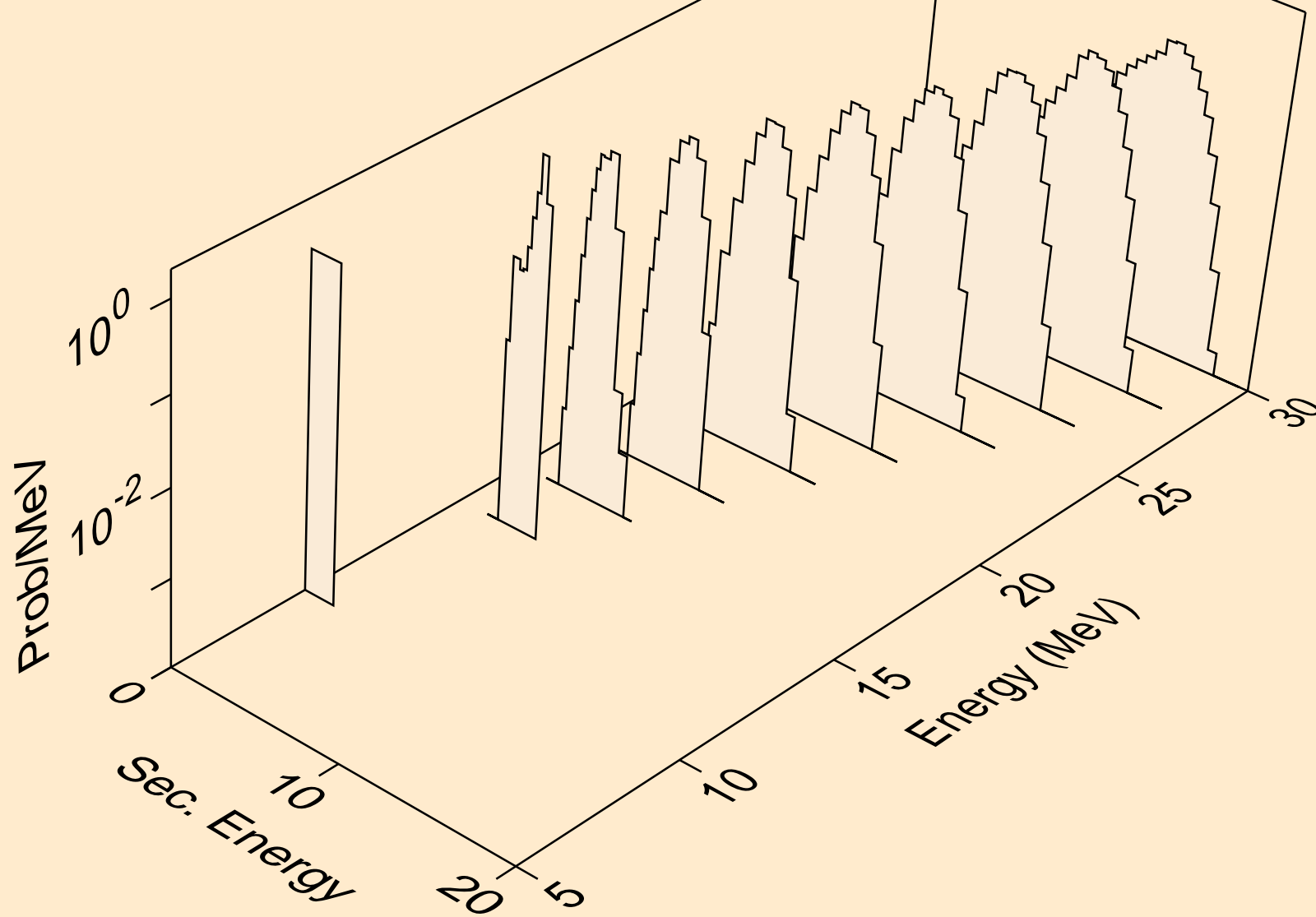


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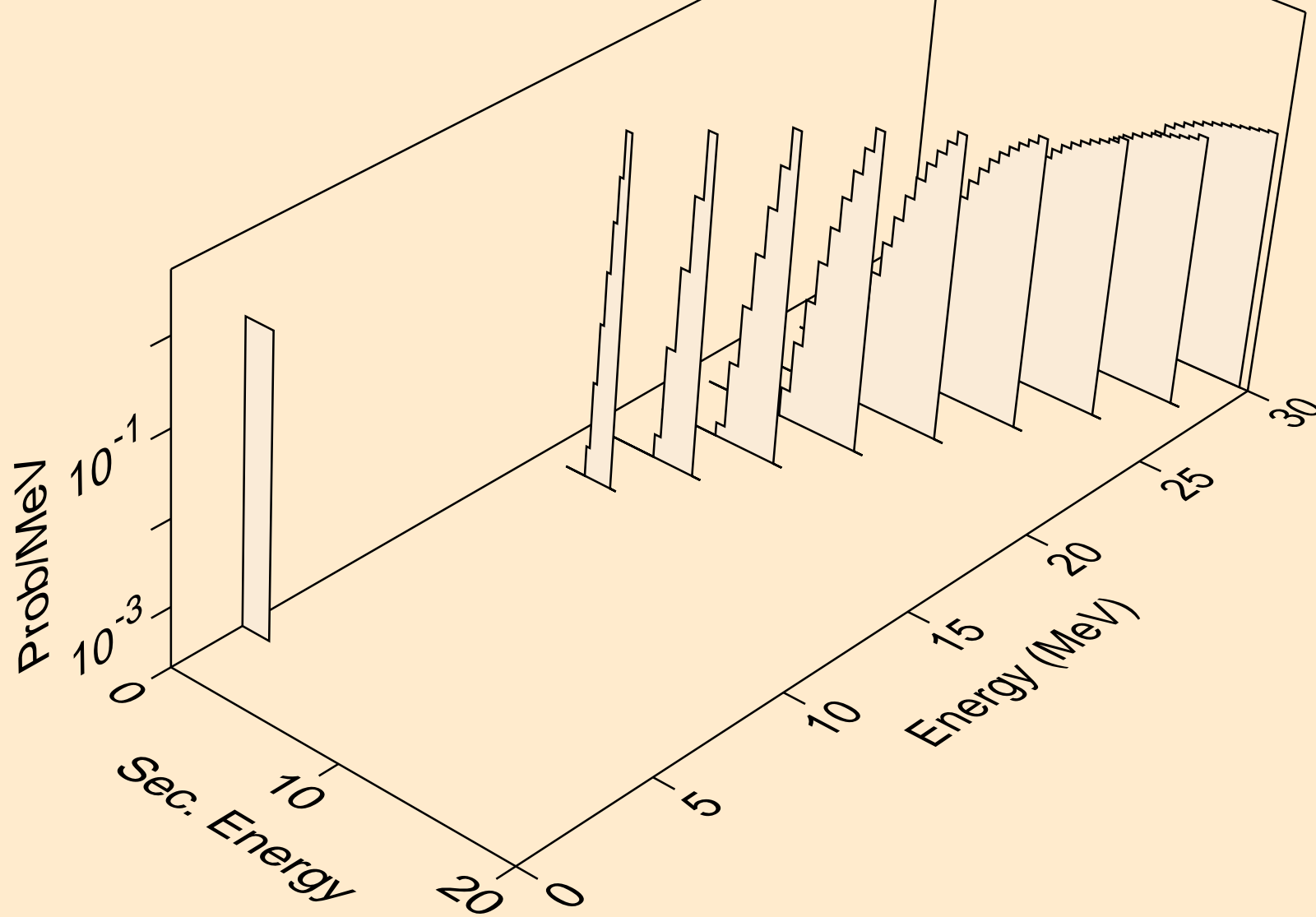




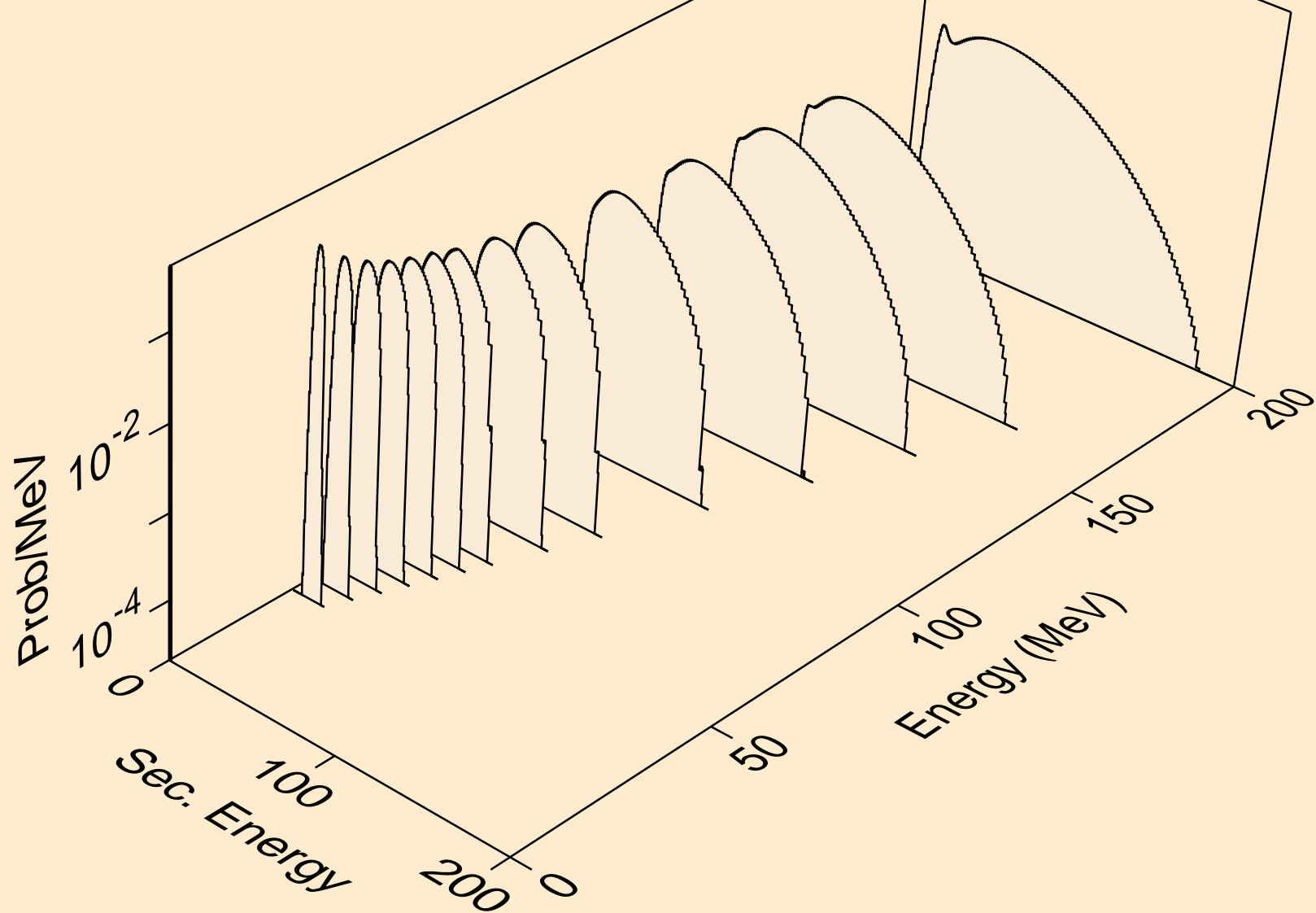
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deuterons from (p,pd)



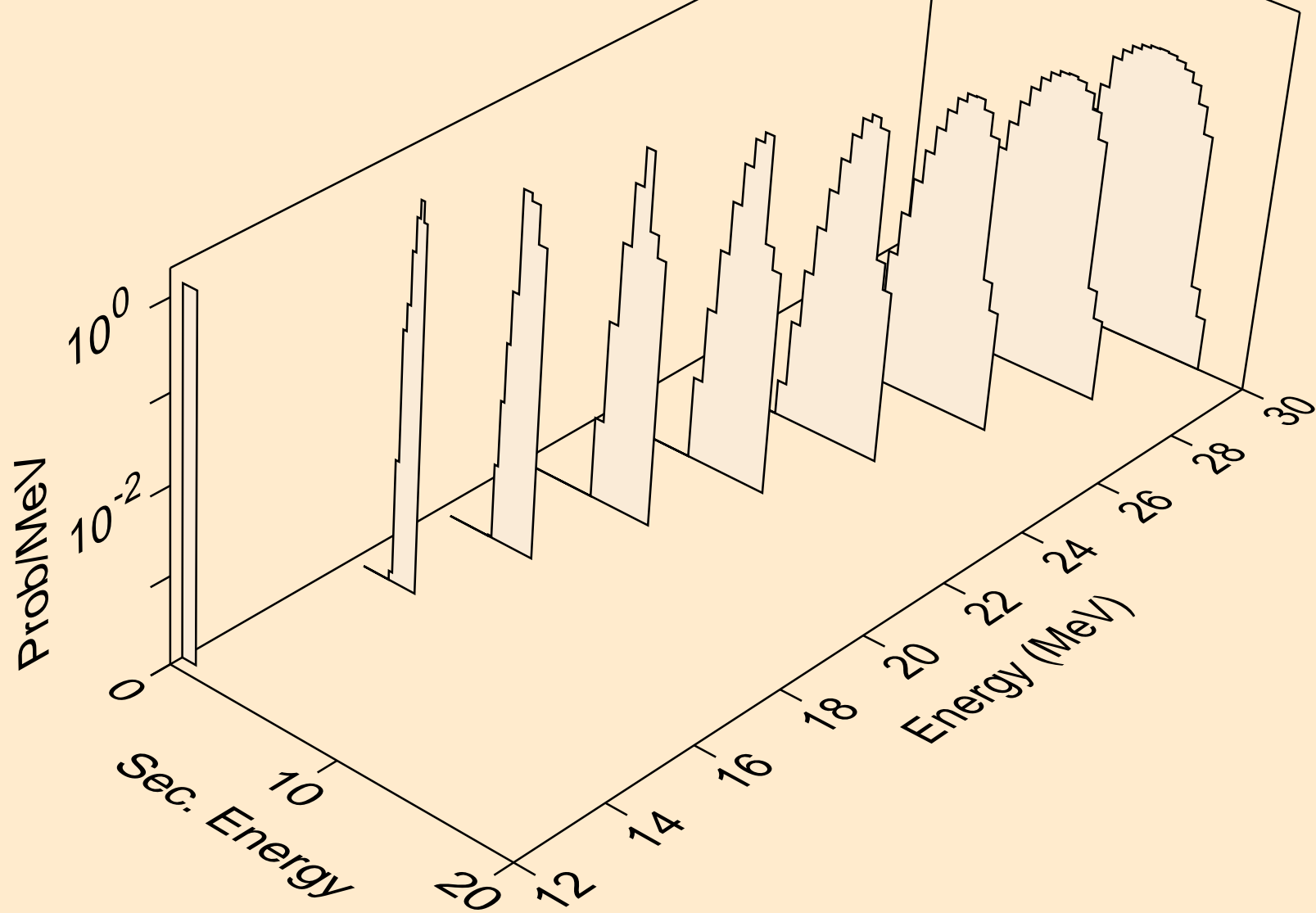
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



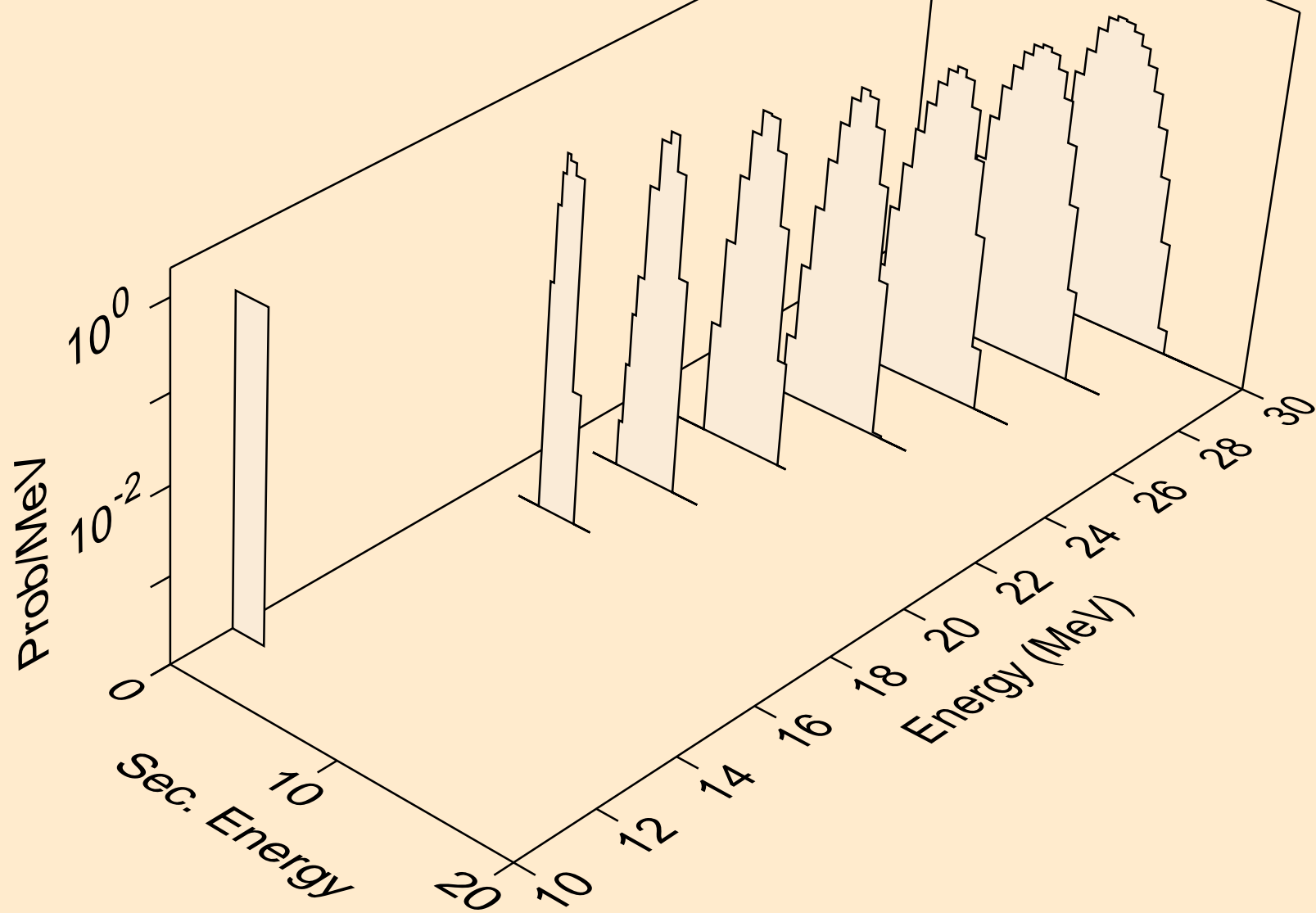
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



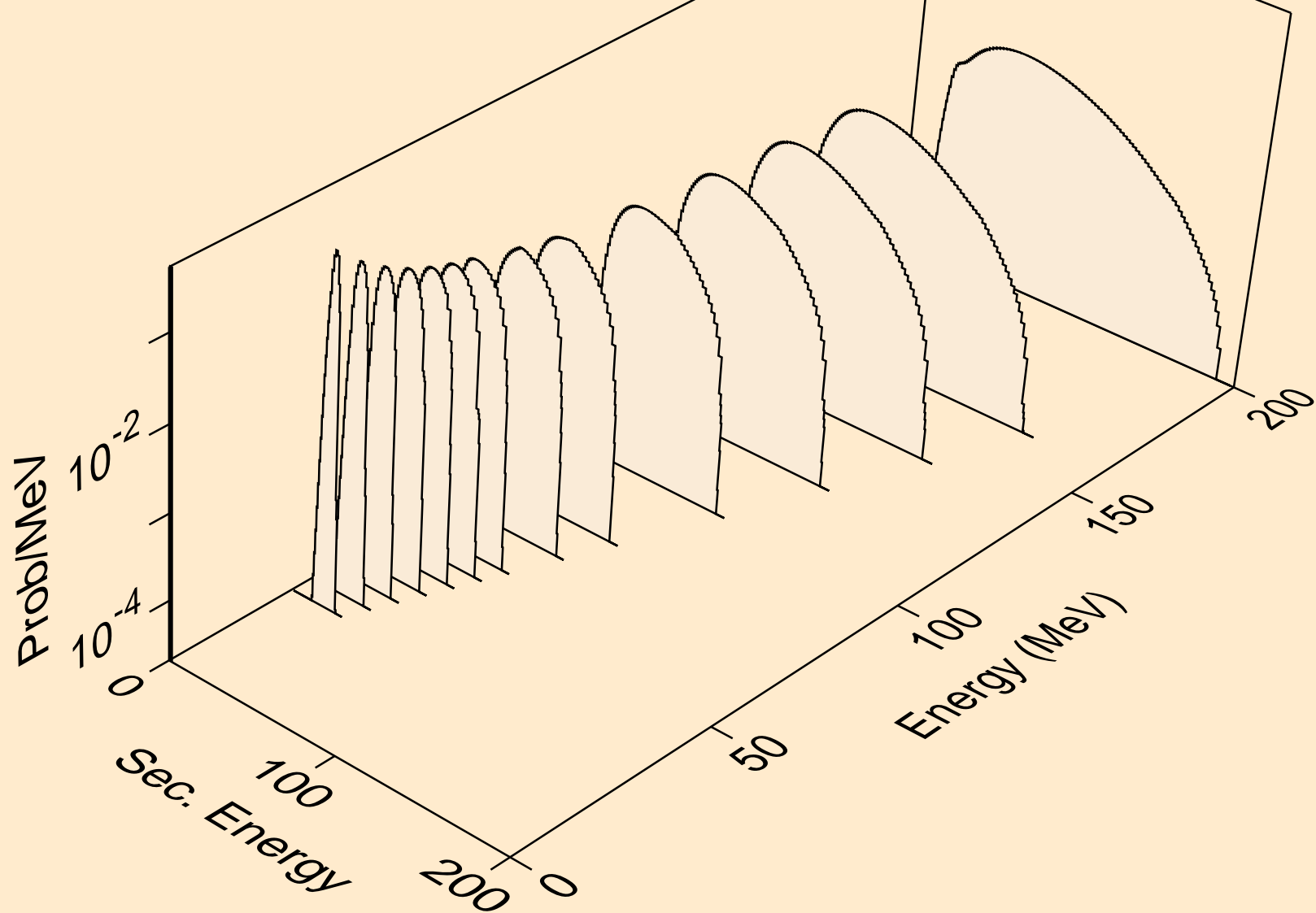
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



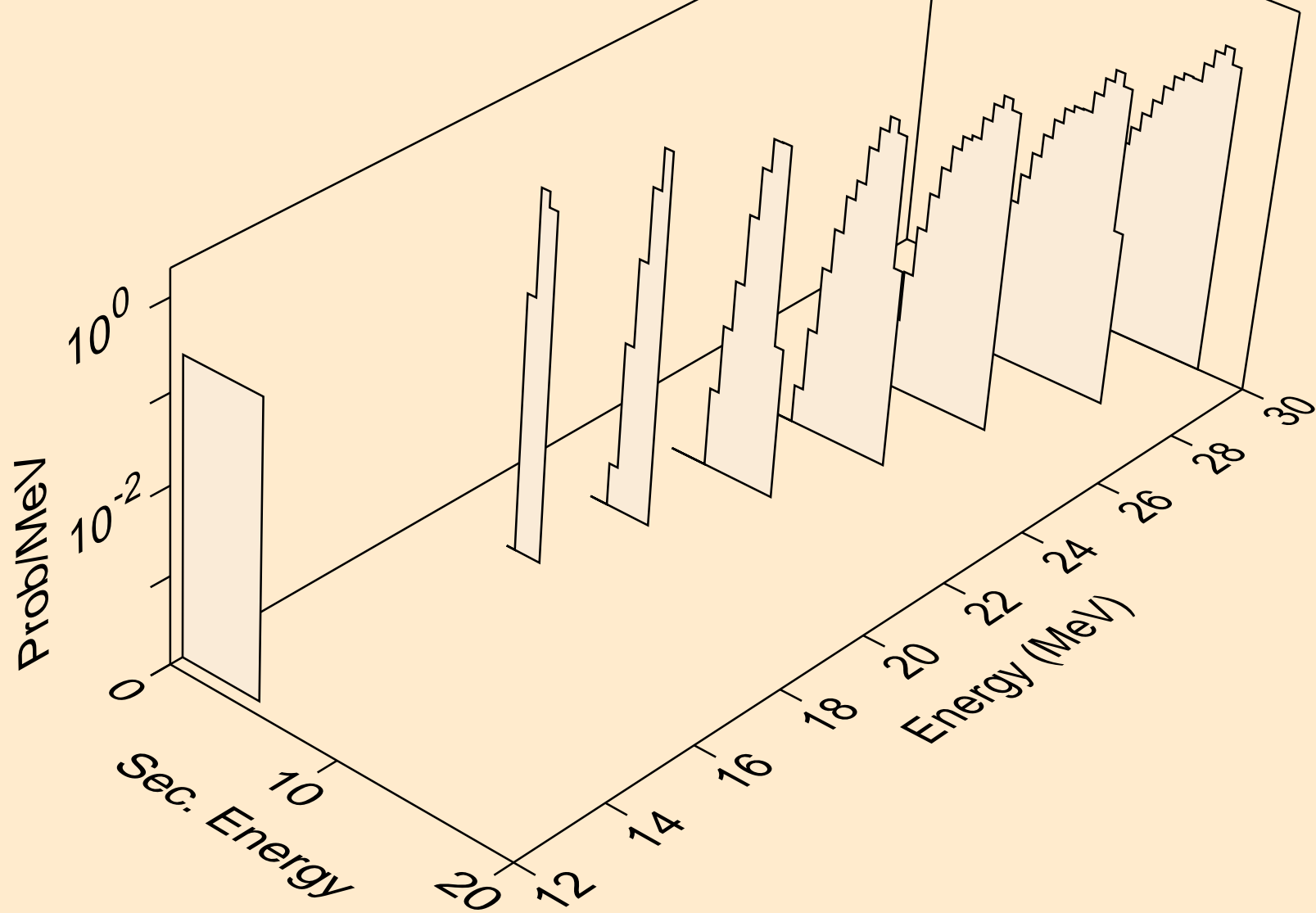
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



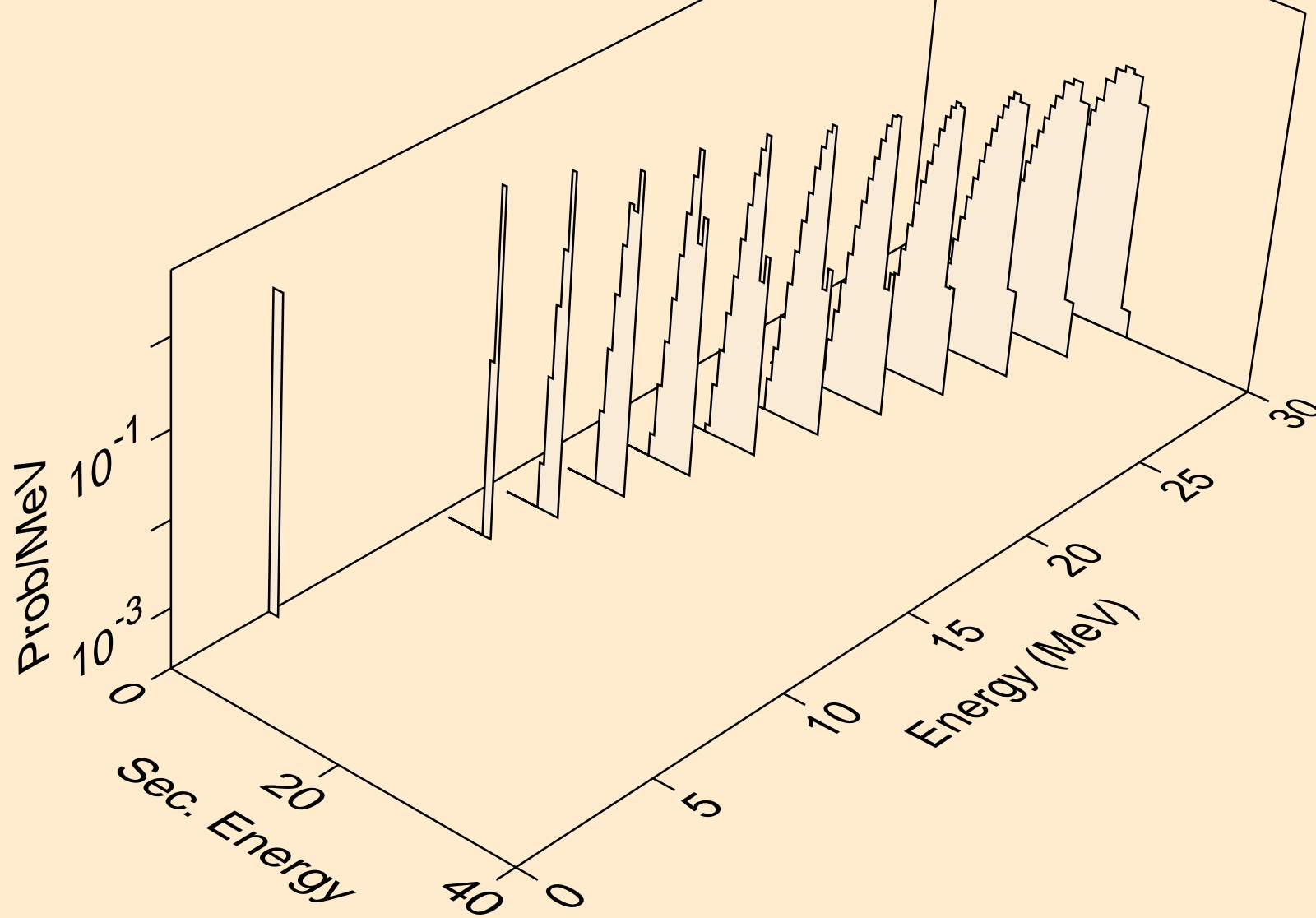
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

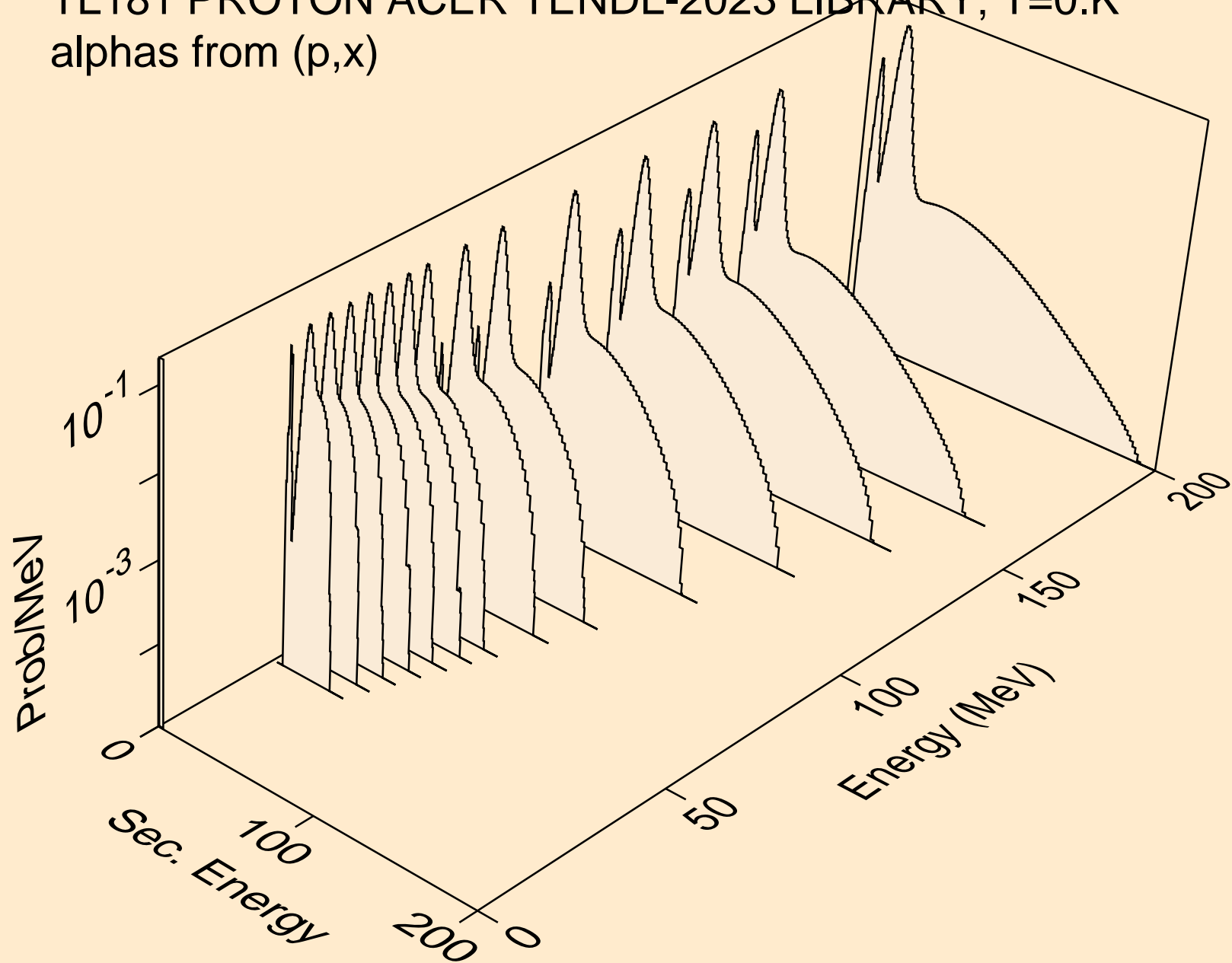


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

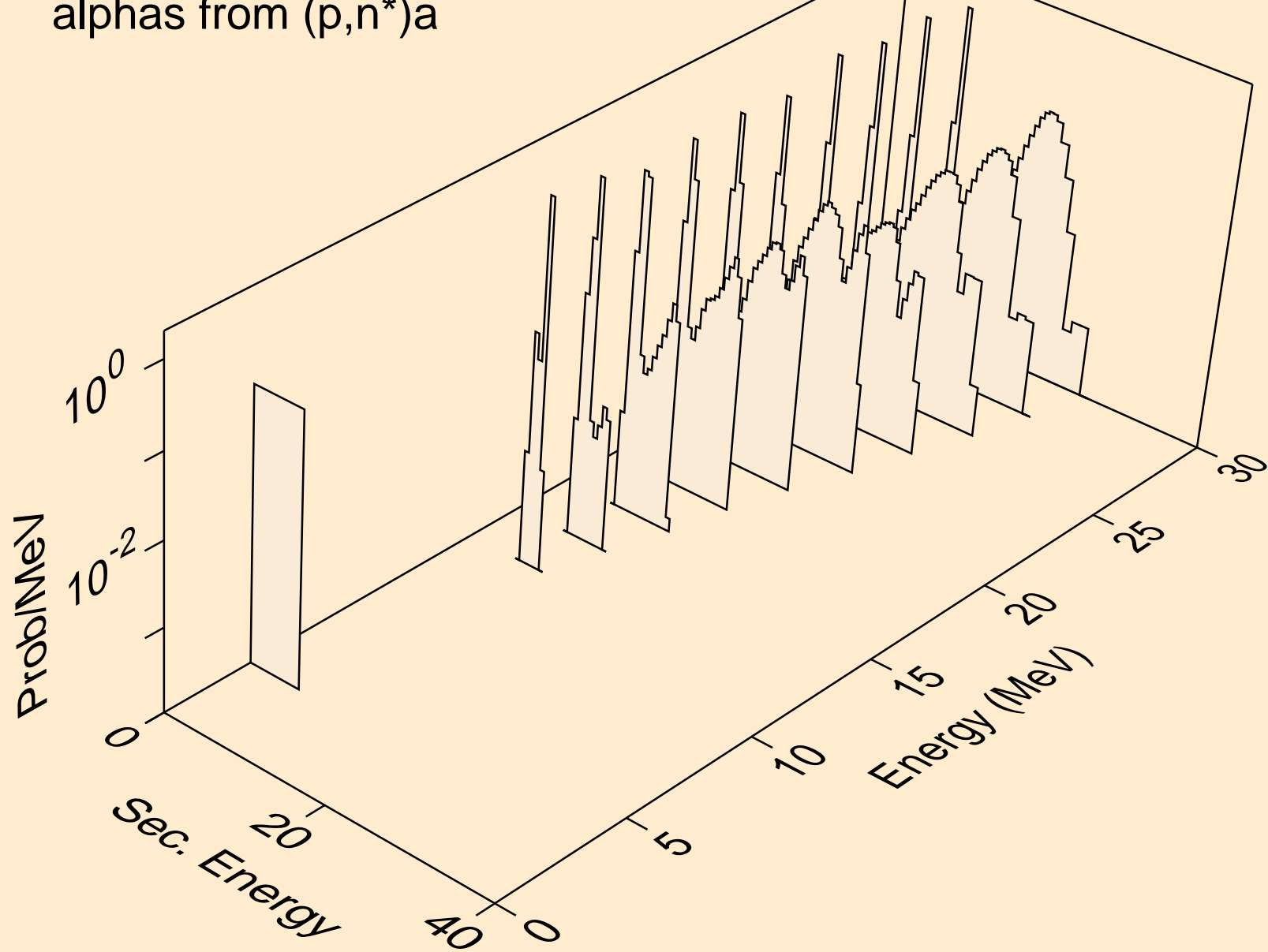




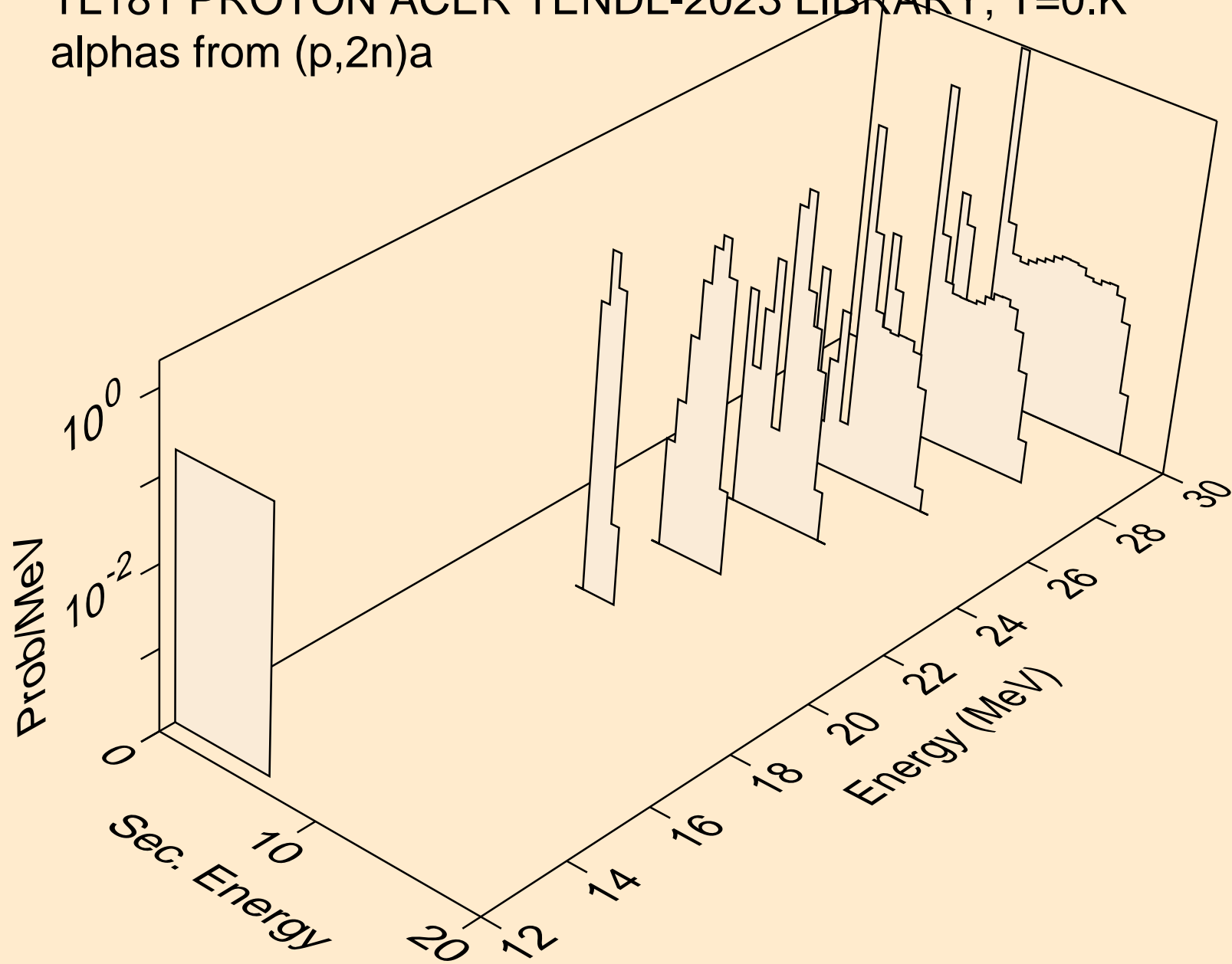
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



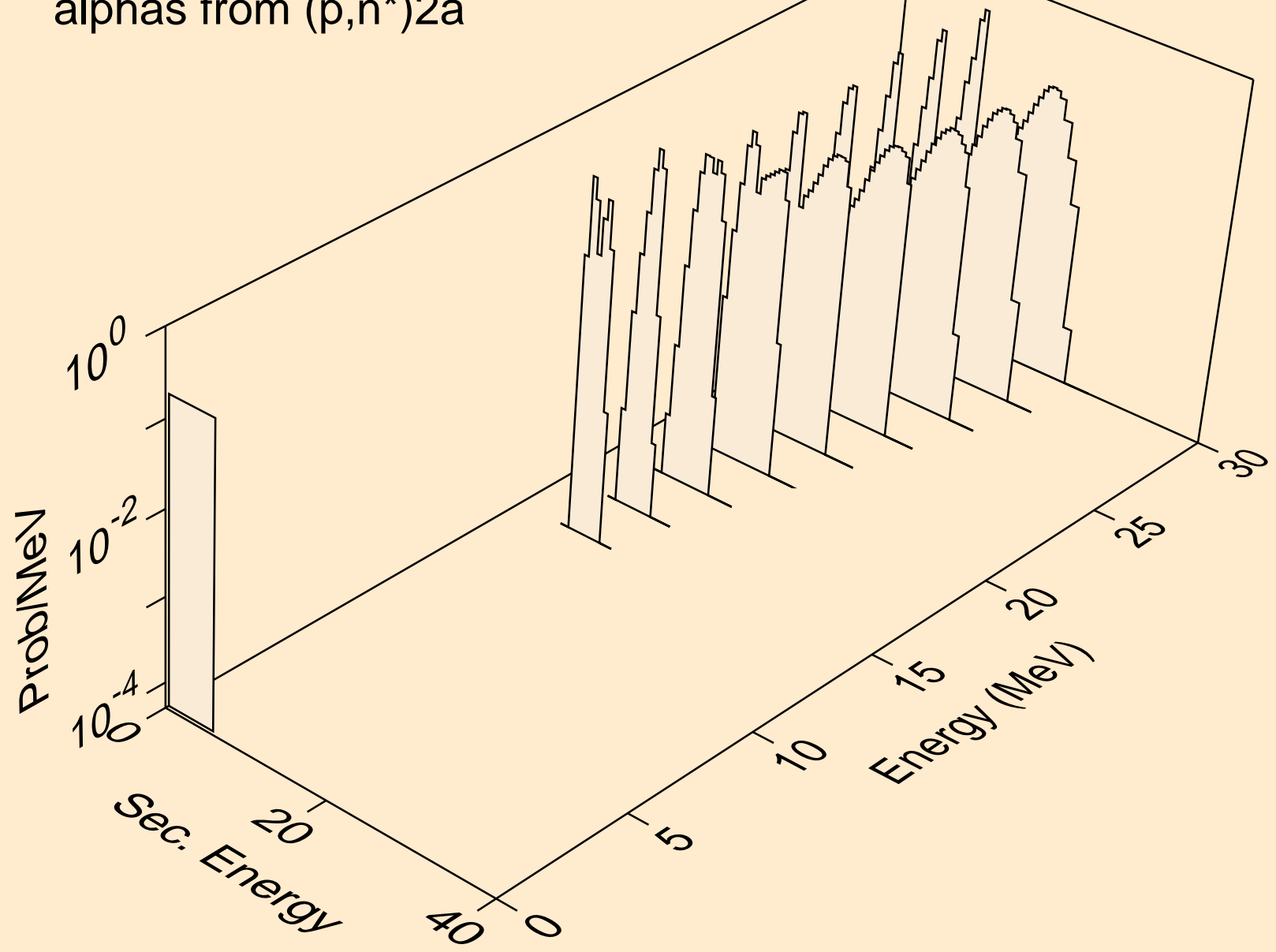
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



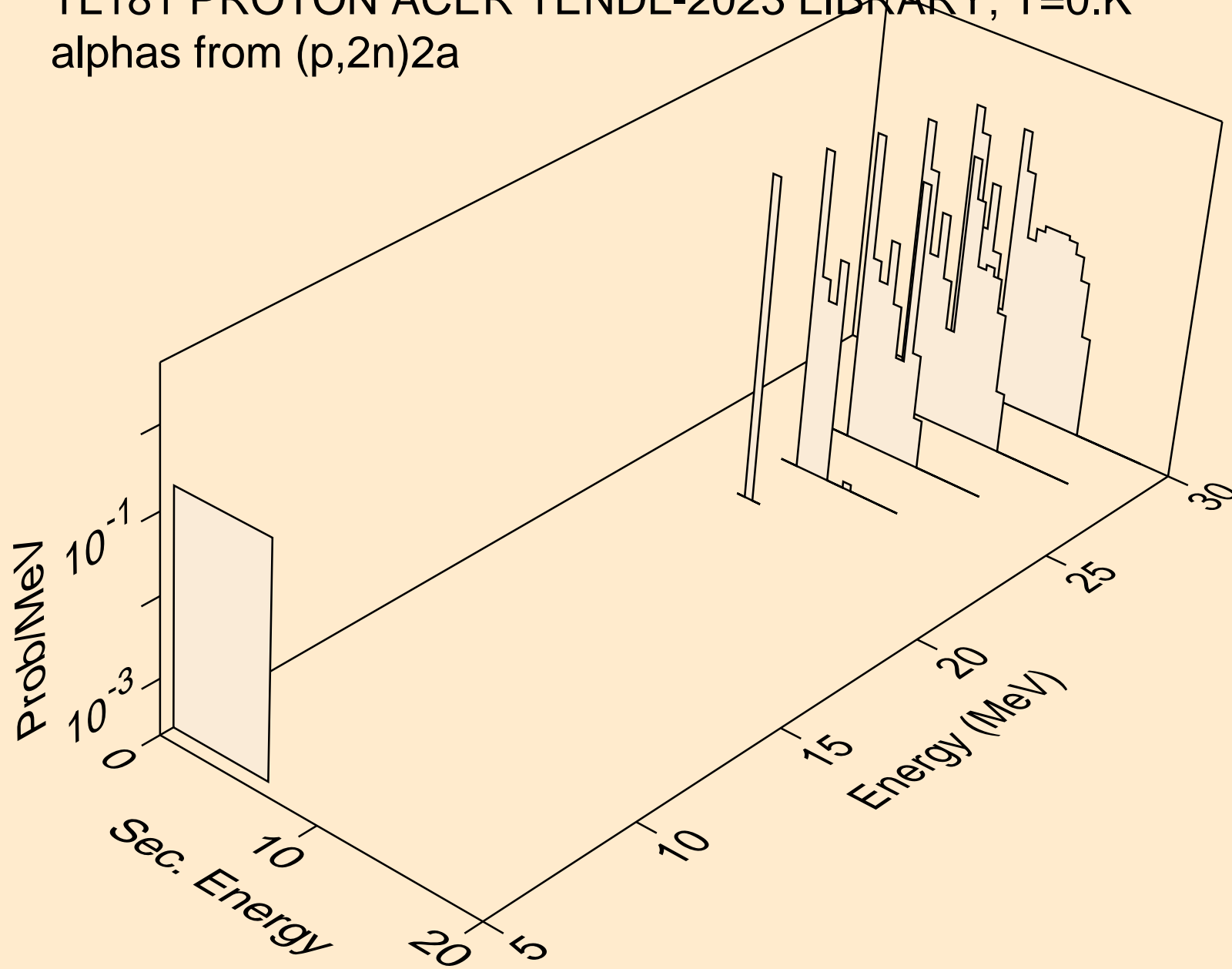
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



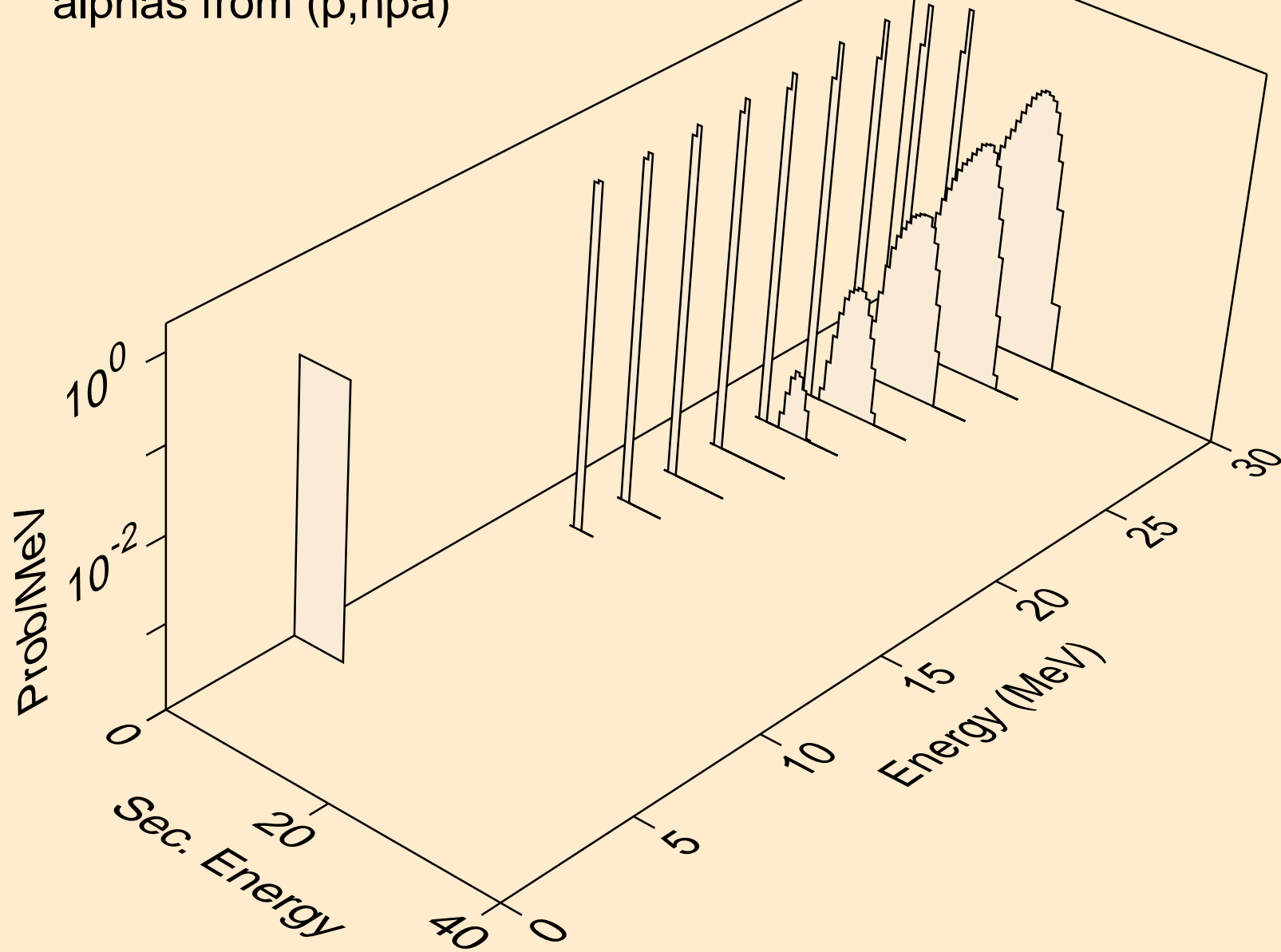
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



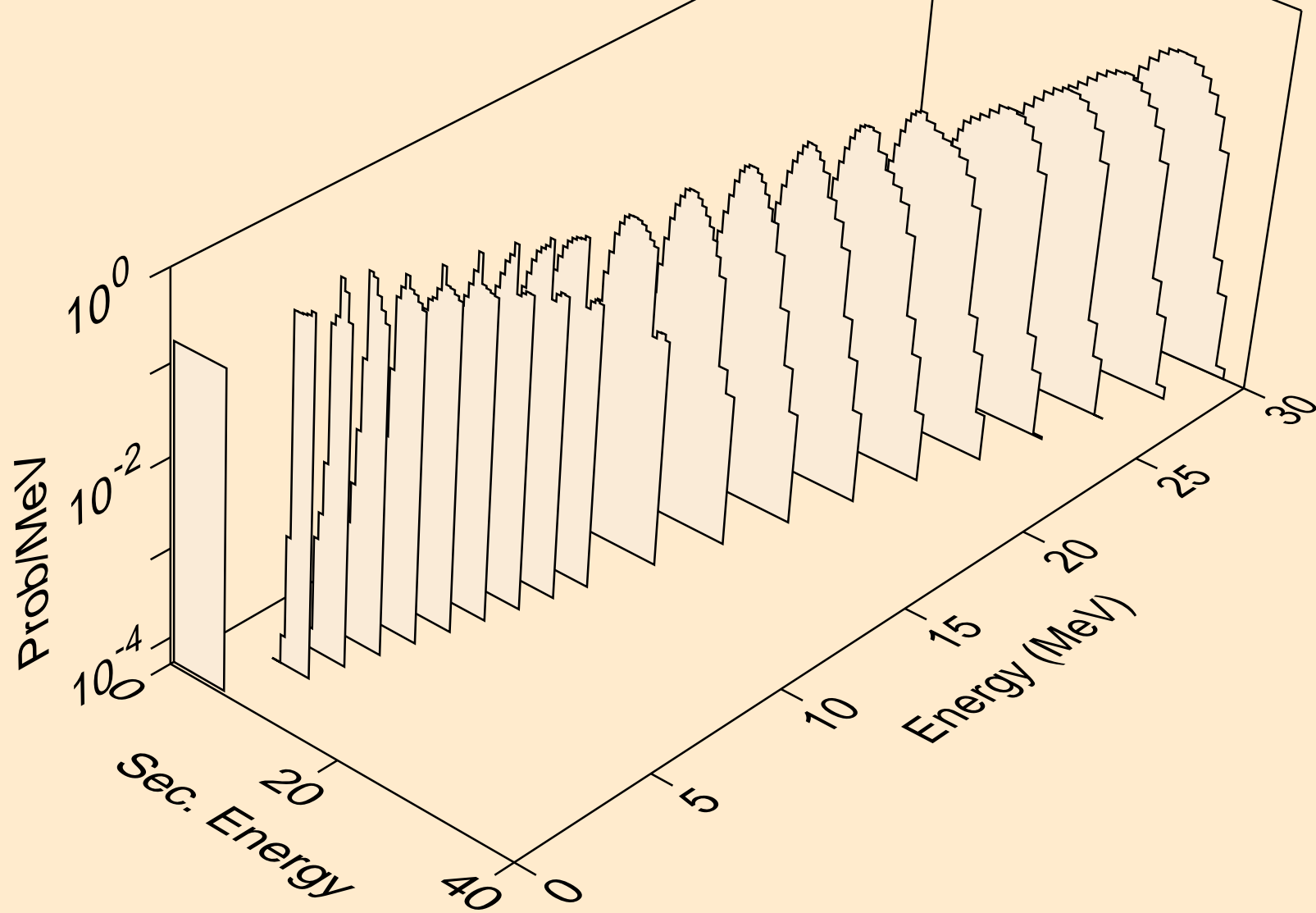
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a



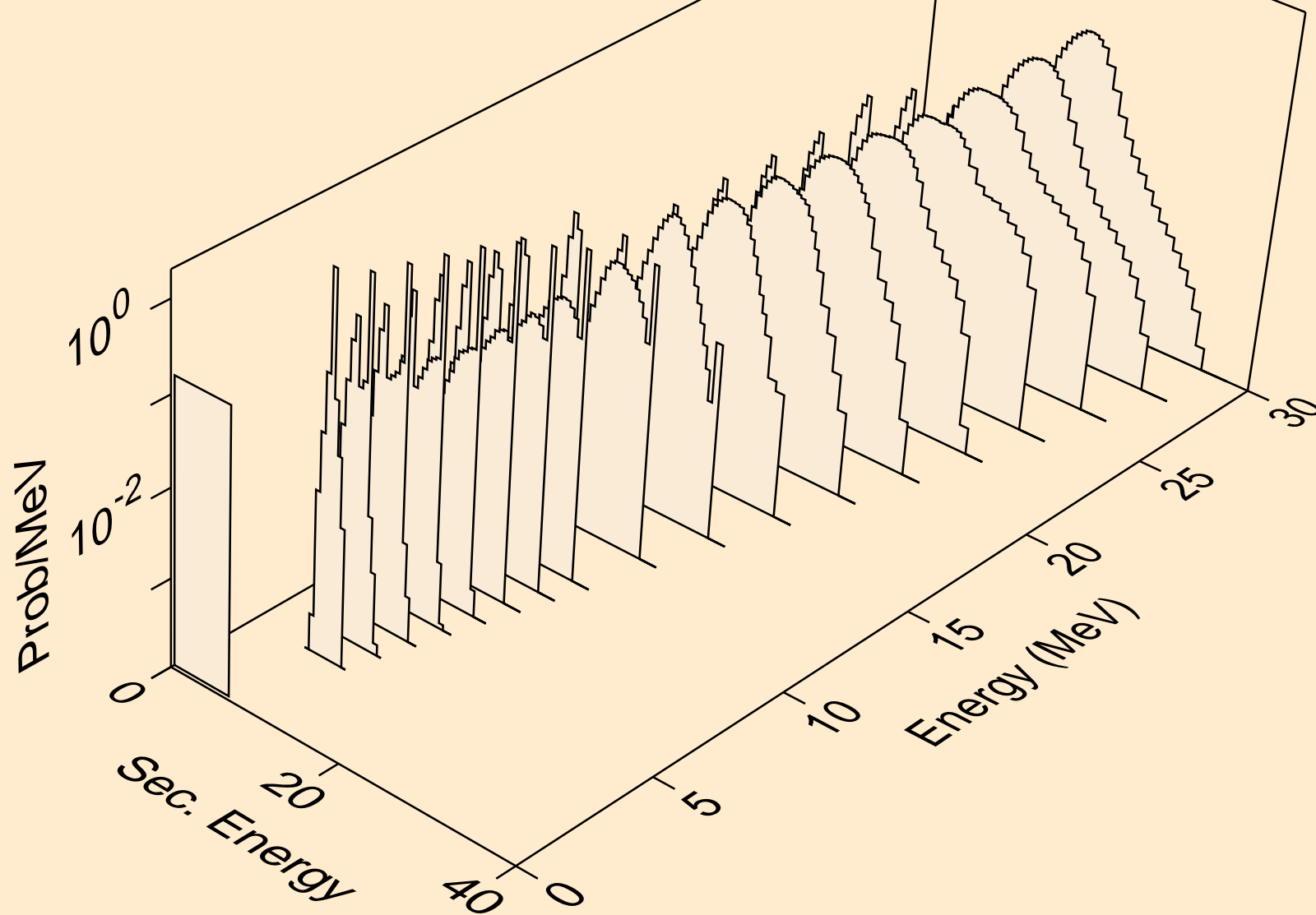
TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

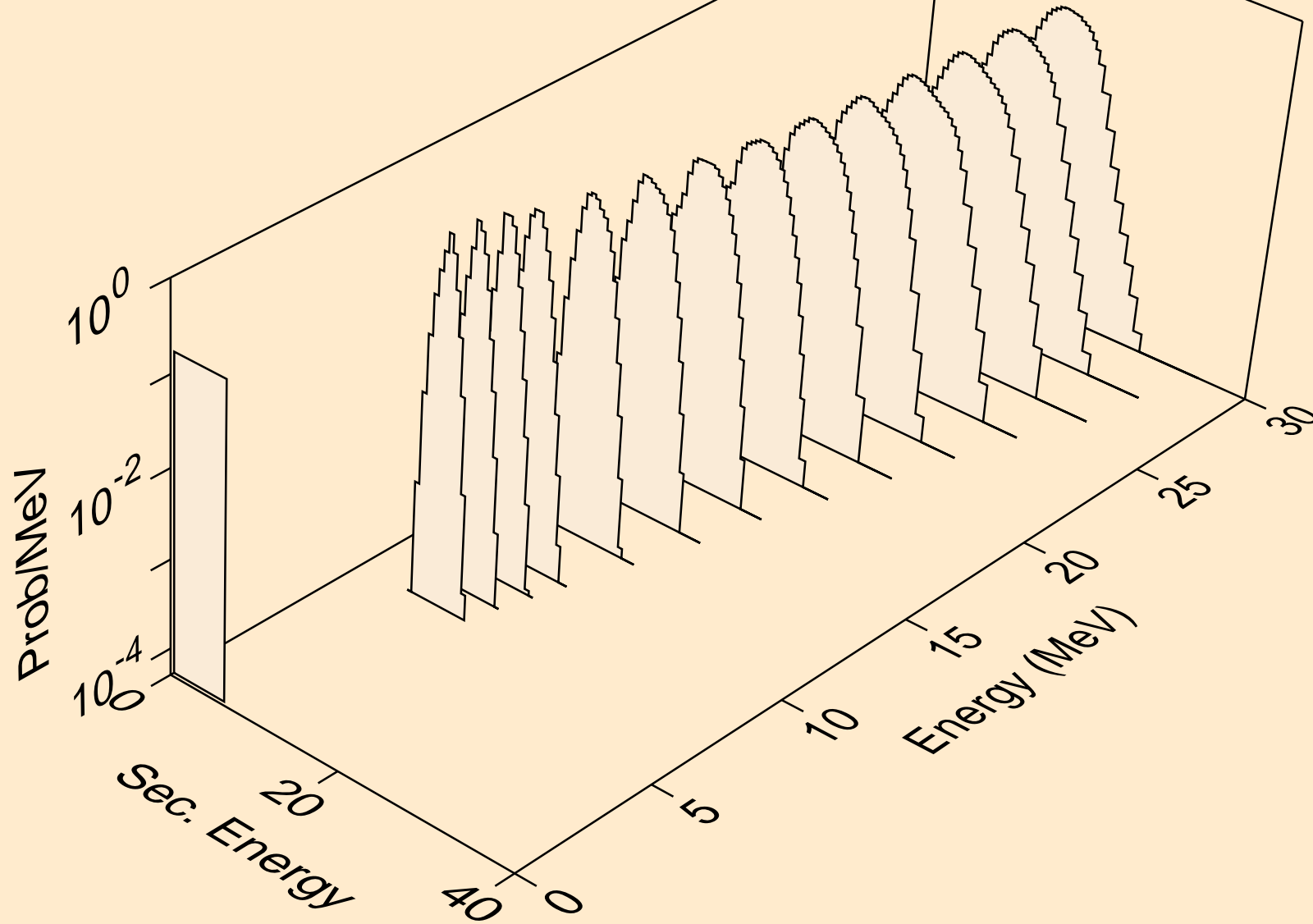


TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)

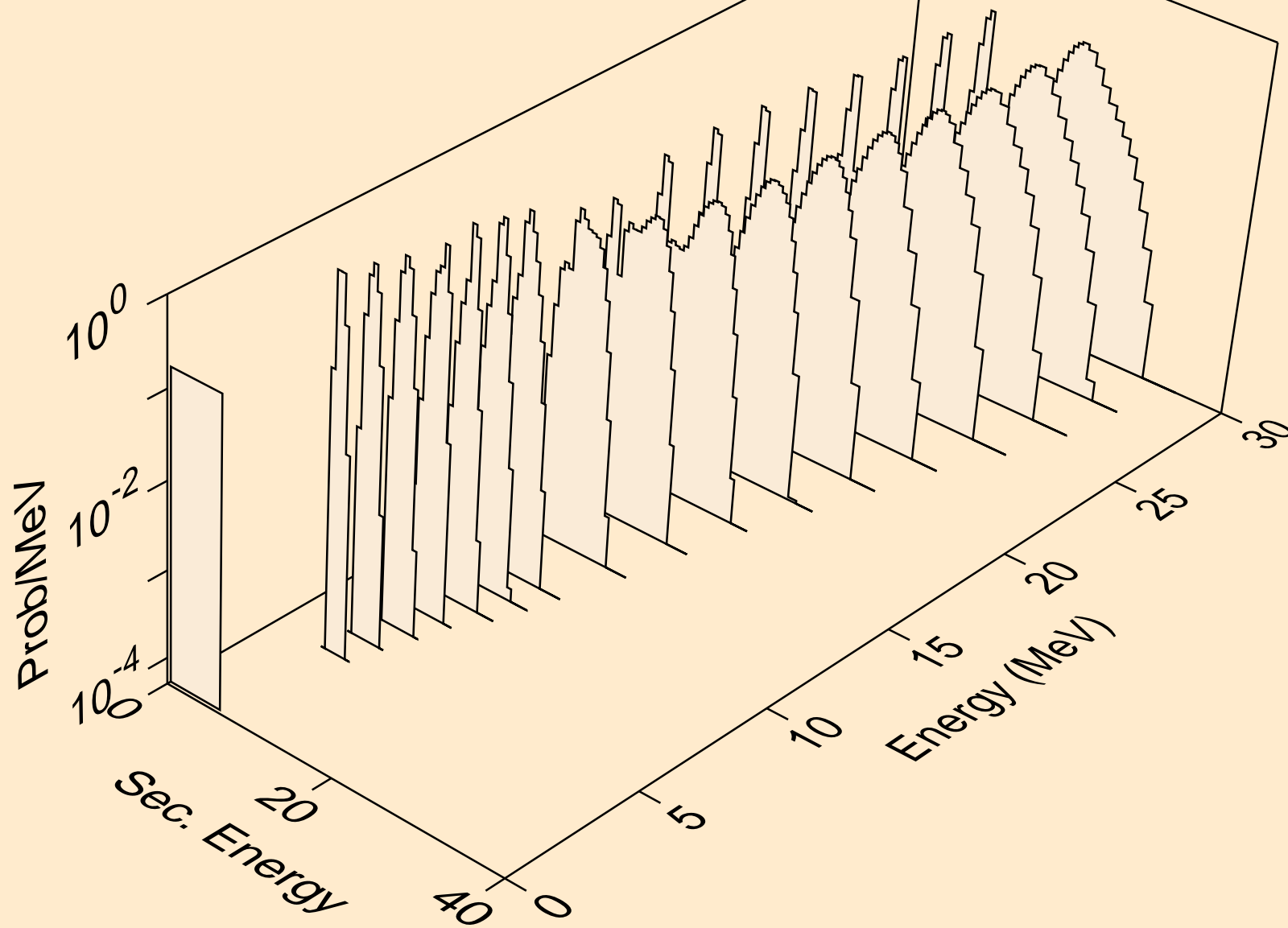




TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



TL181 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

