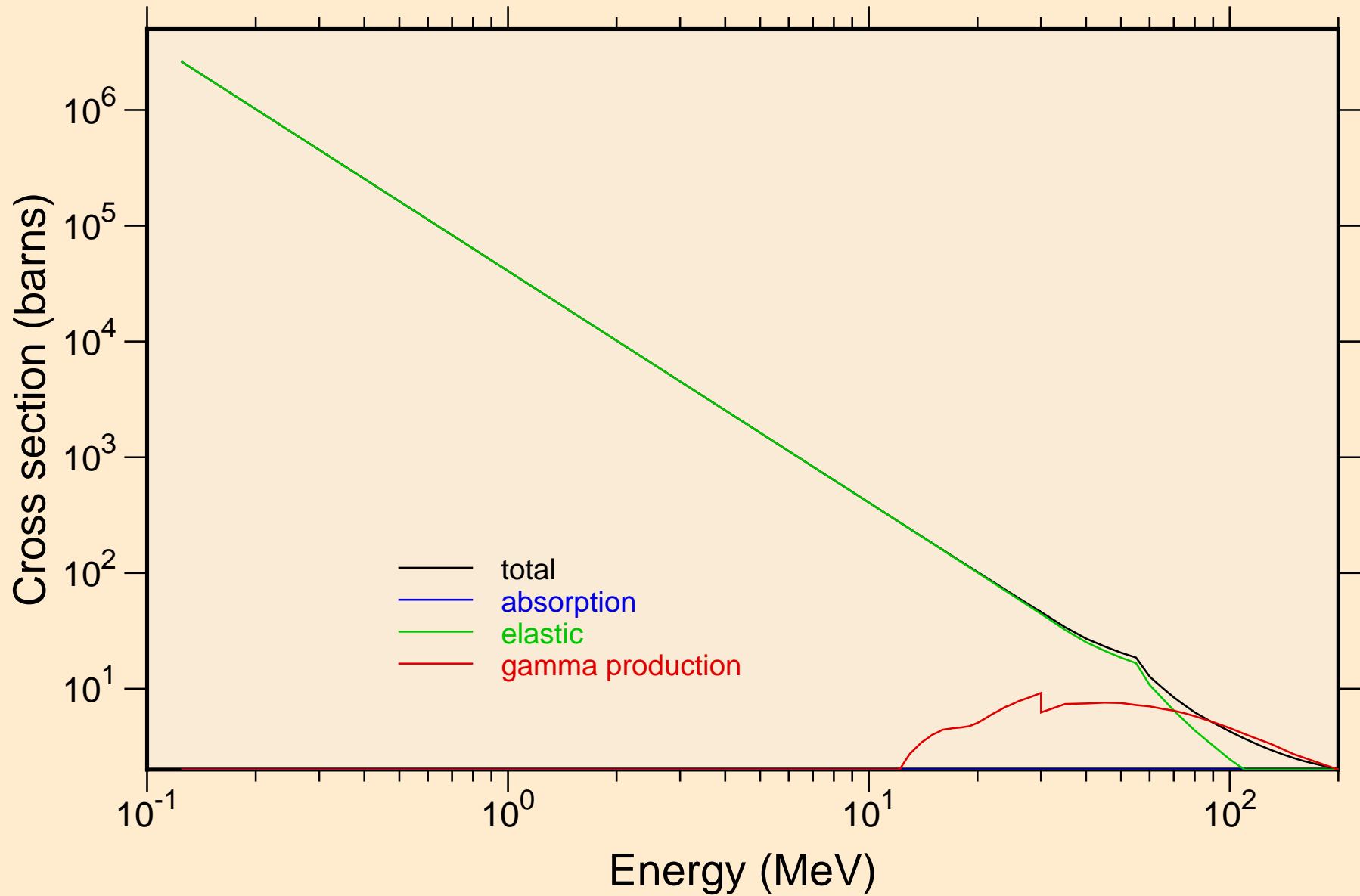
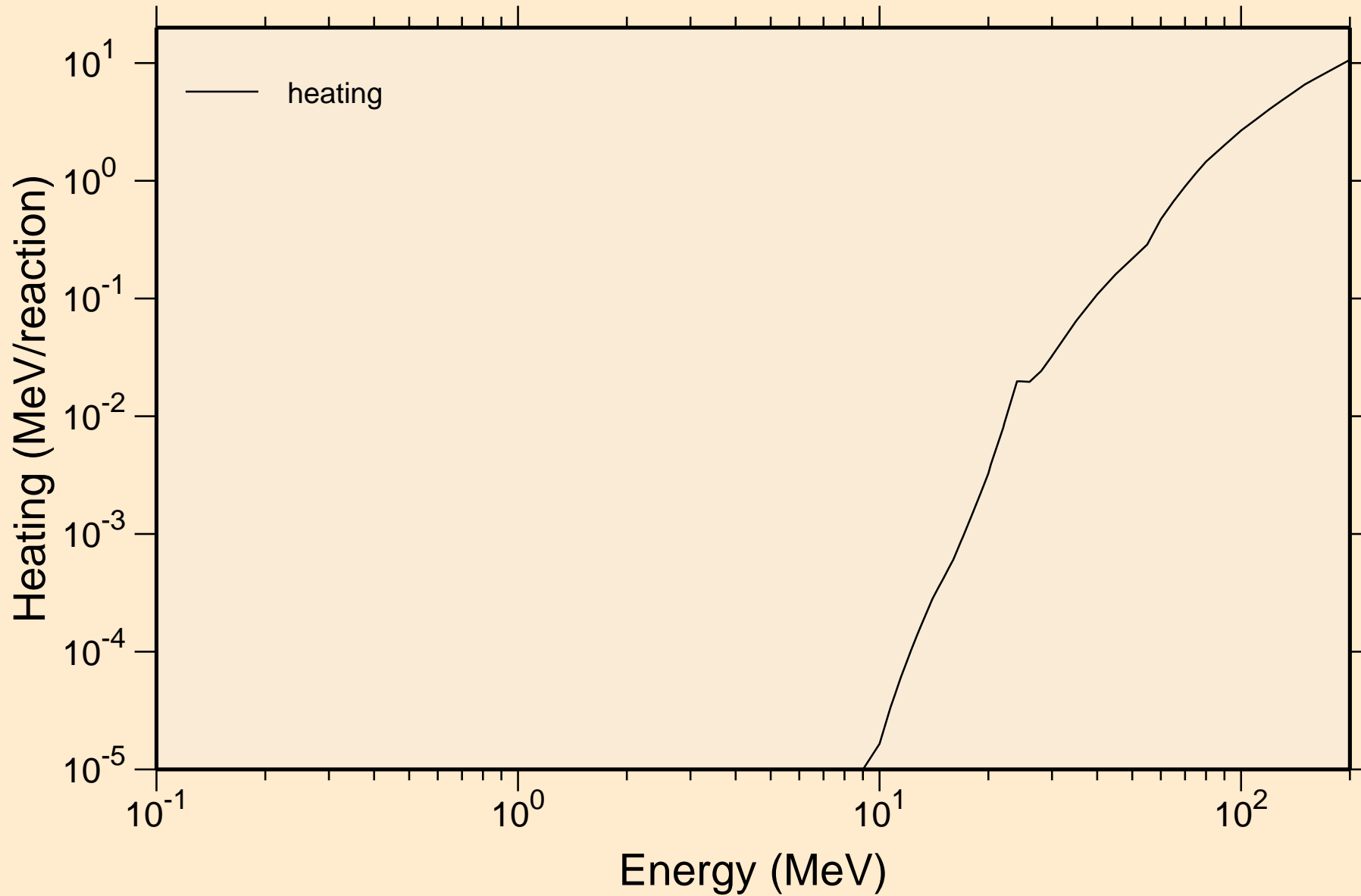


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

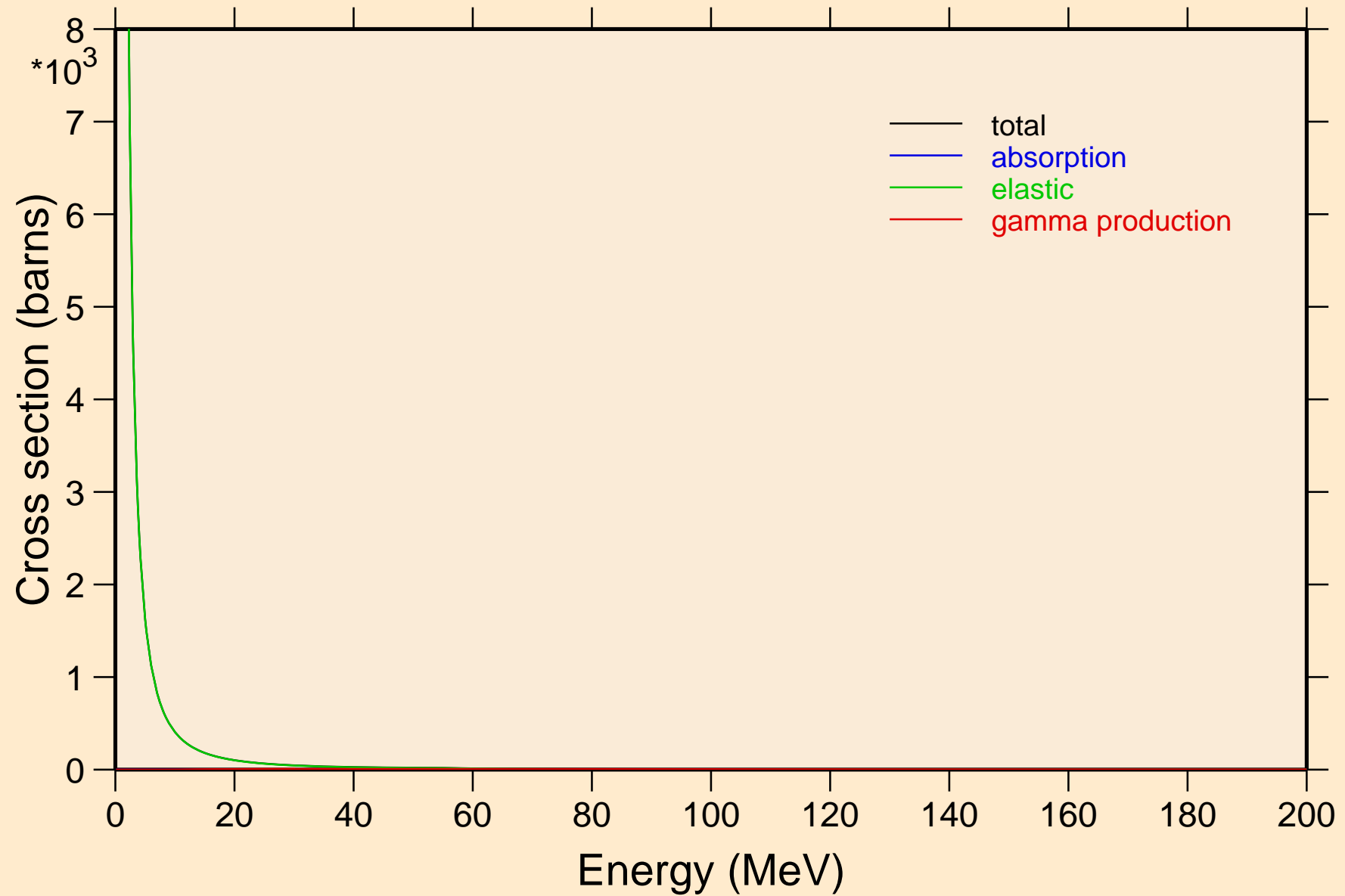


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



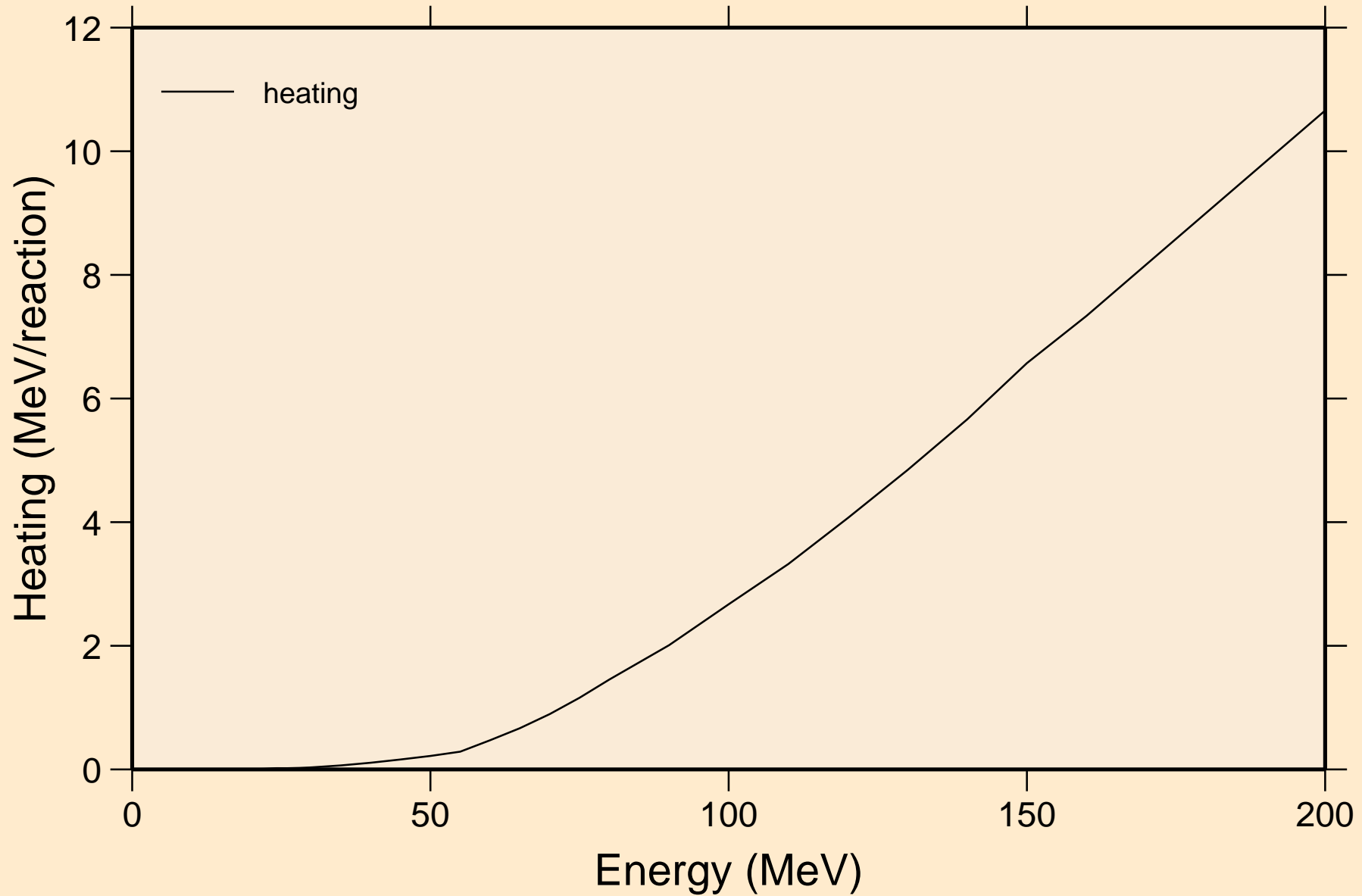
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## Principal cross sections

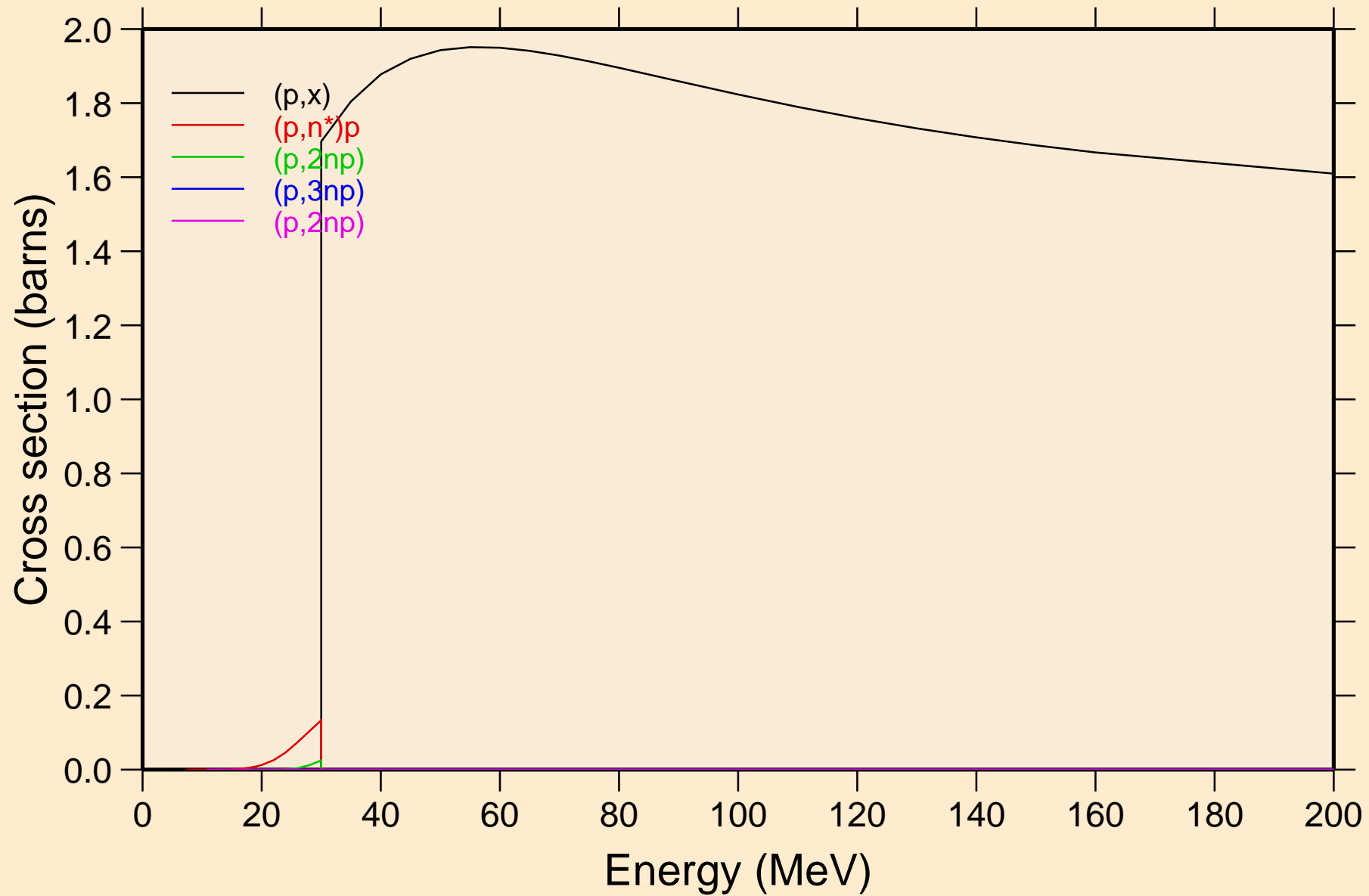


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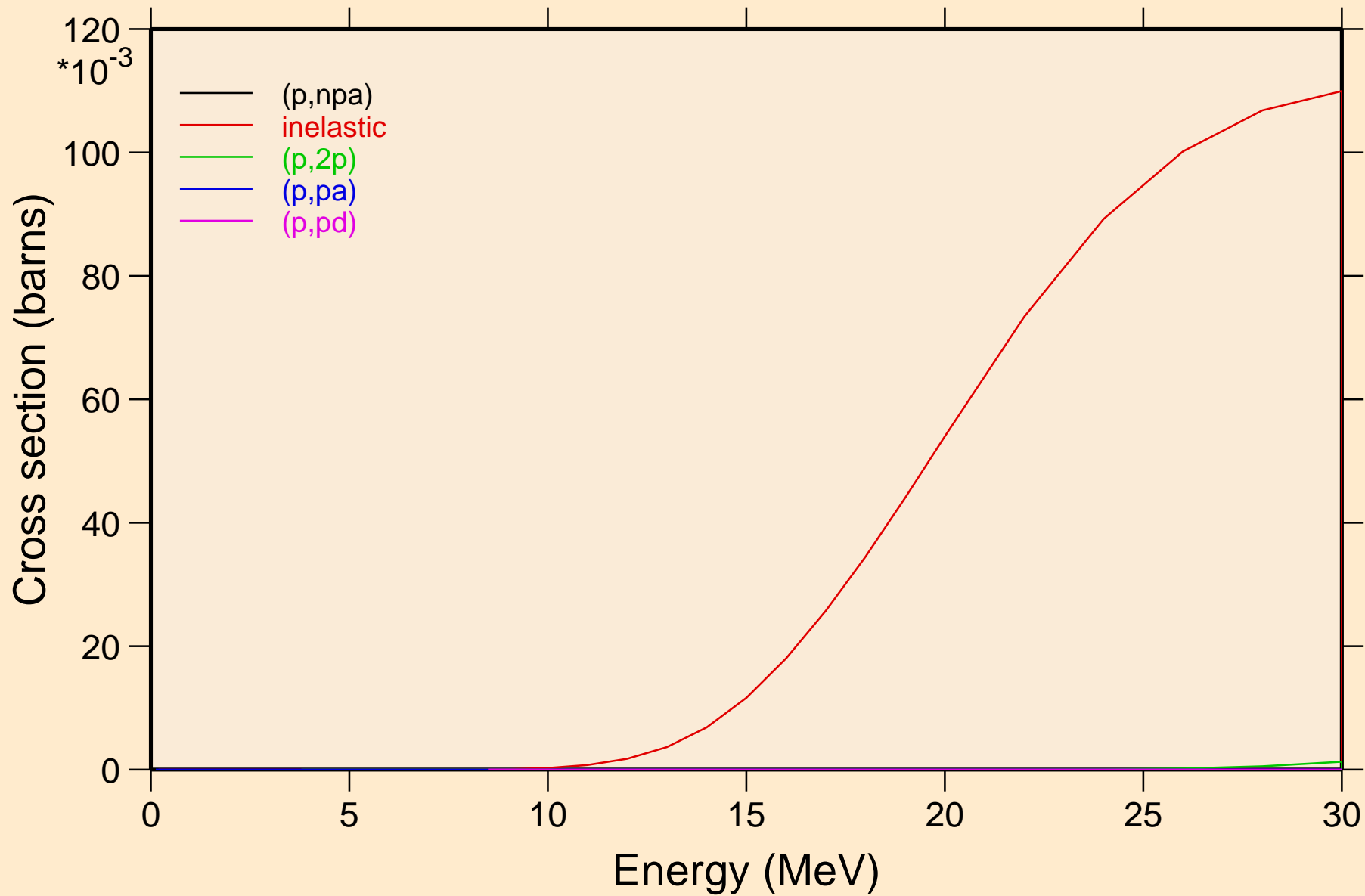
Heating



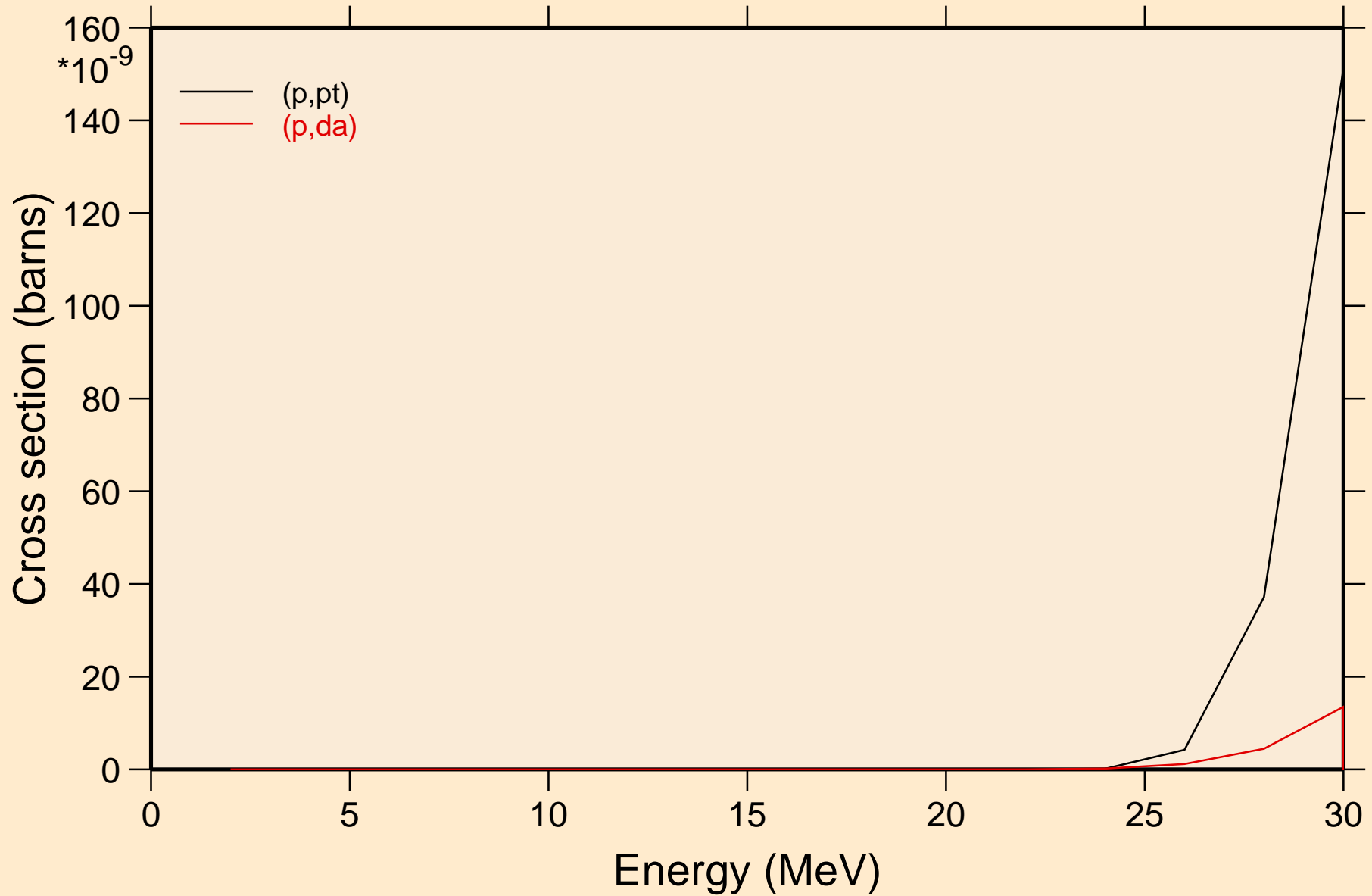
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Threshold reactions



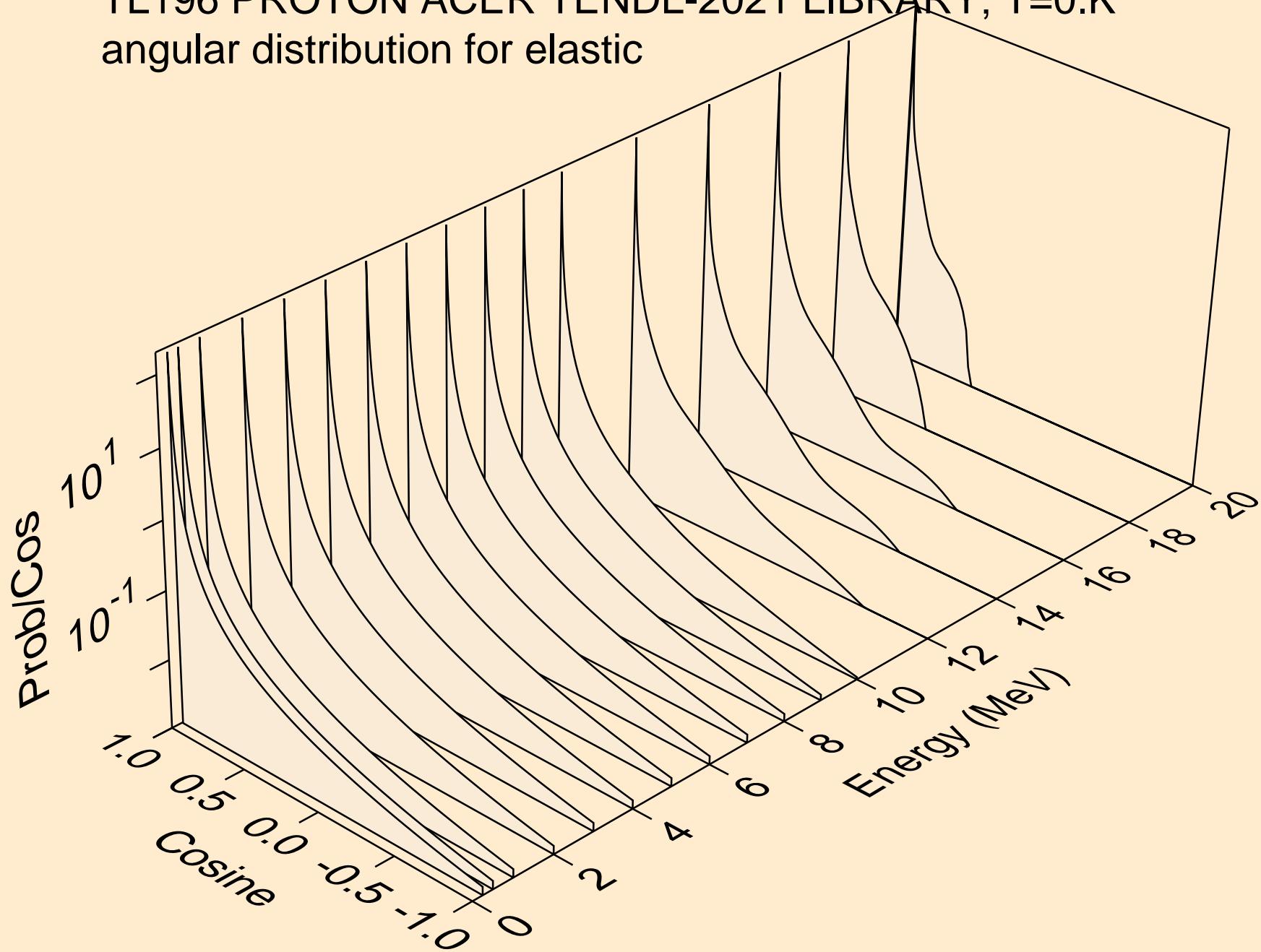
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

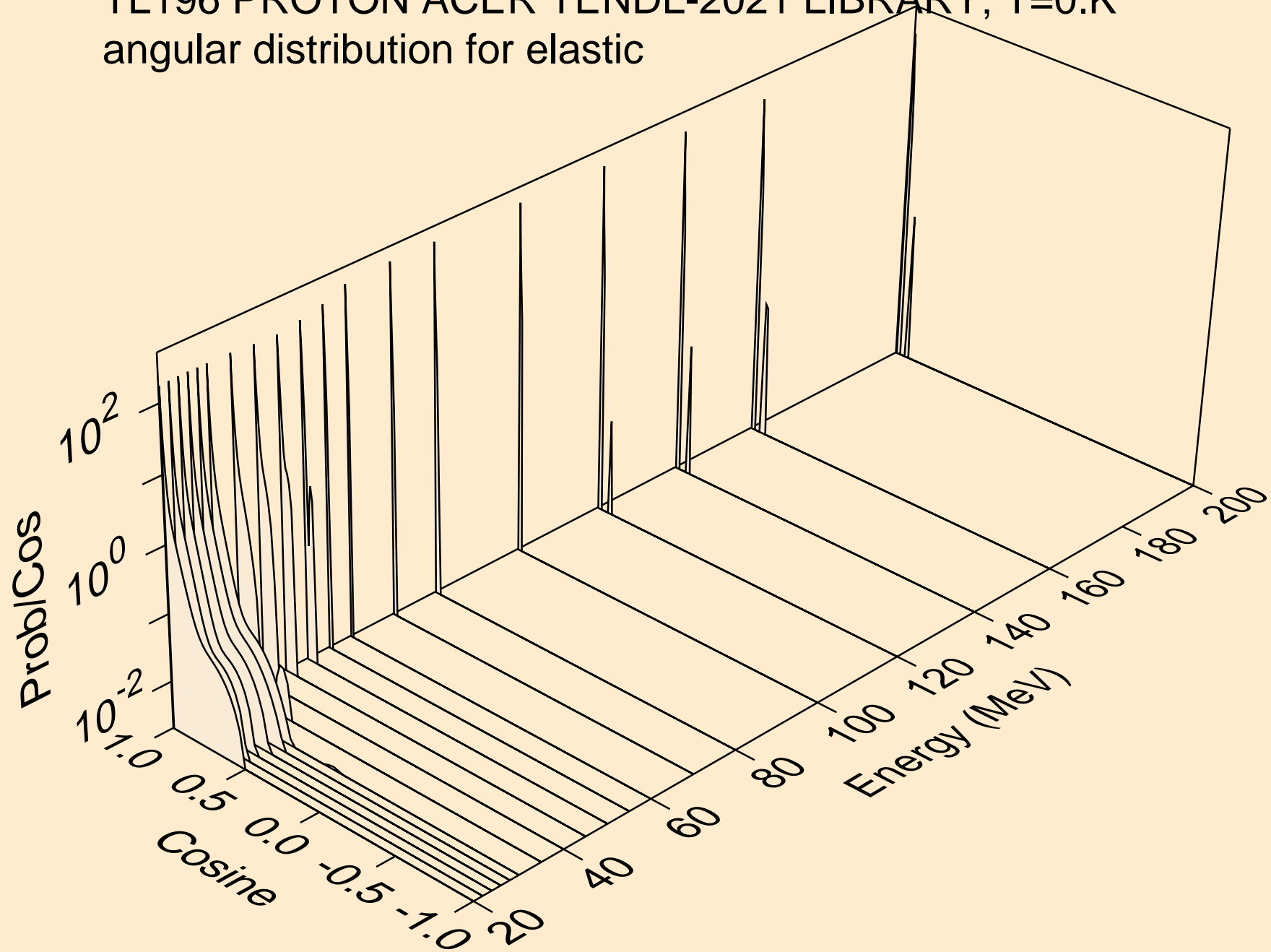


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

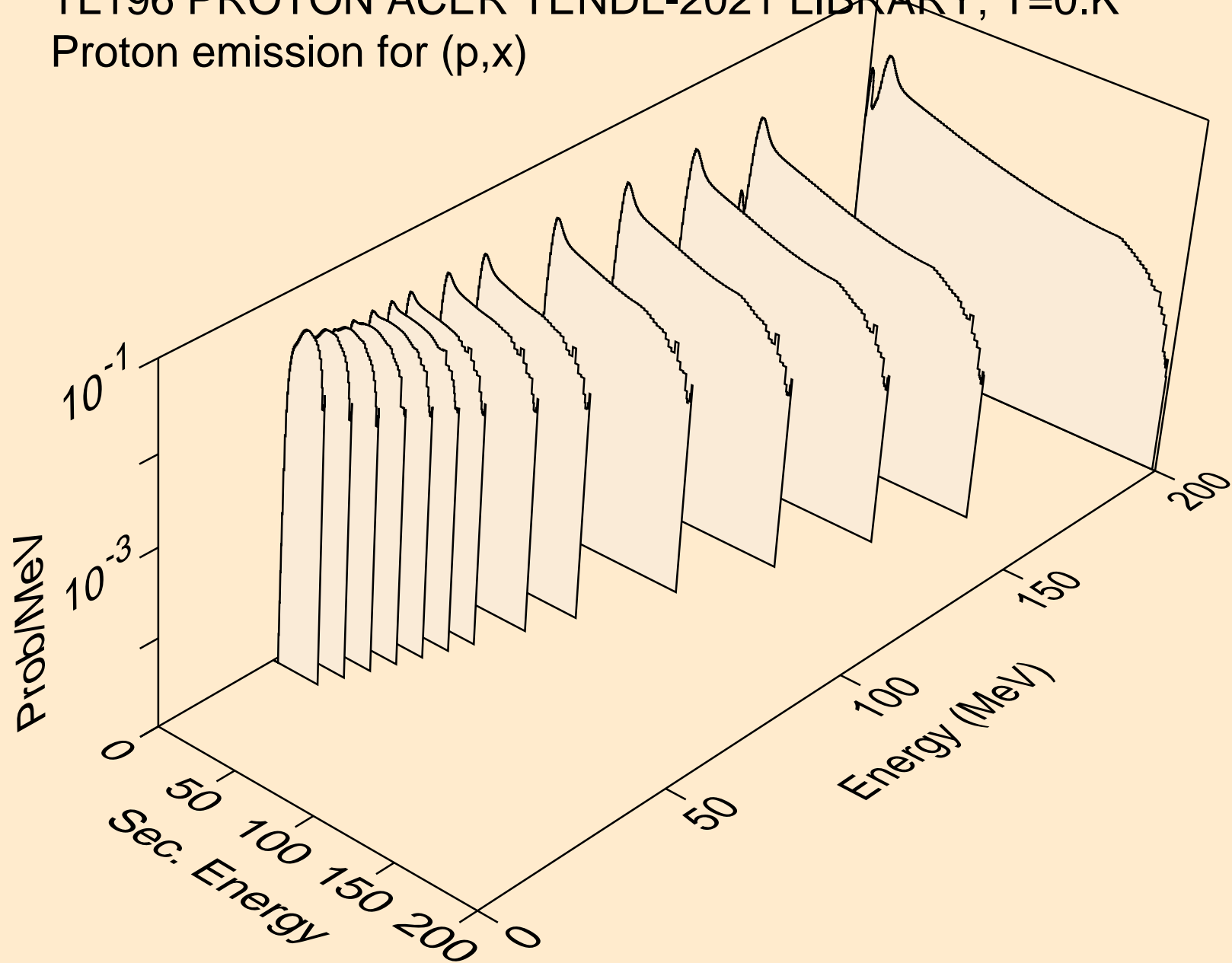




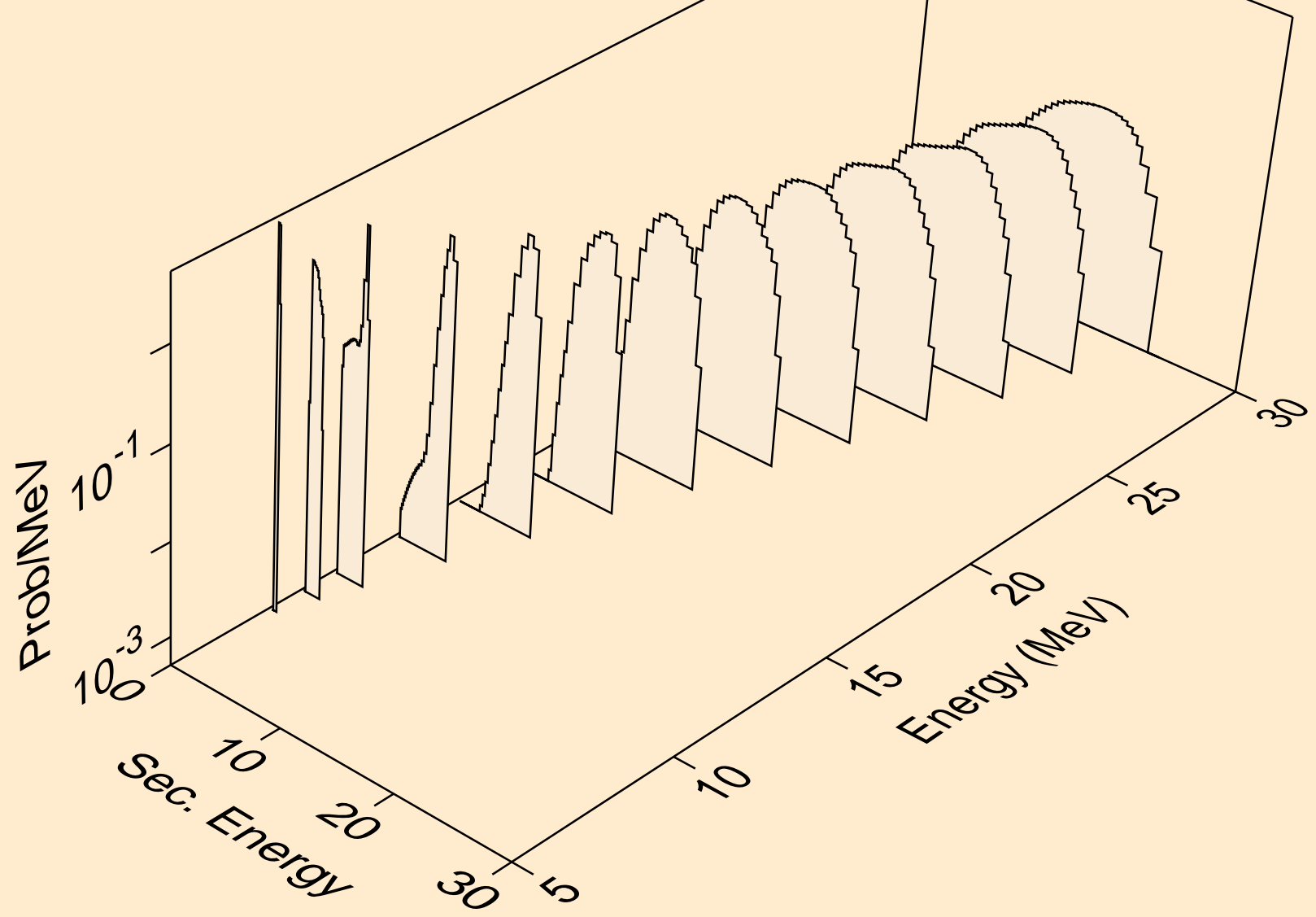
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angular distribution for elastic



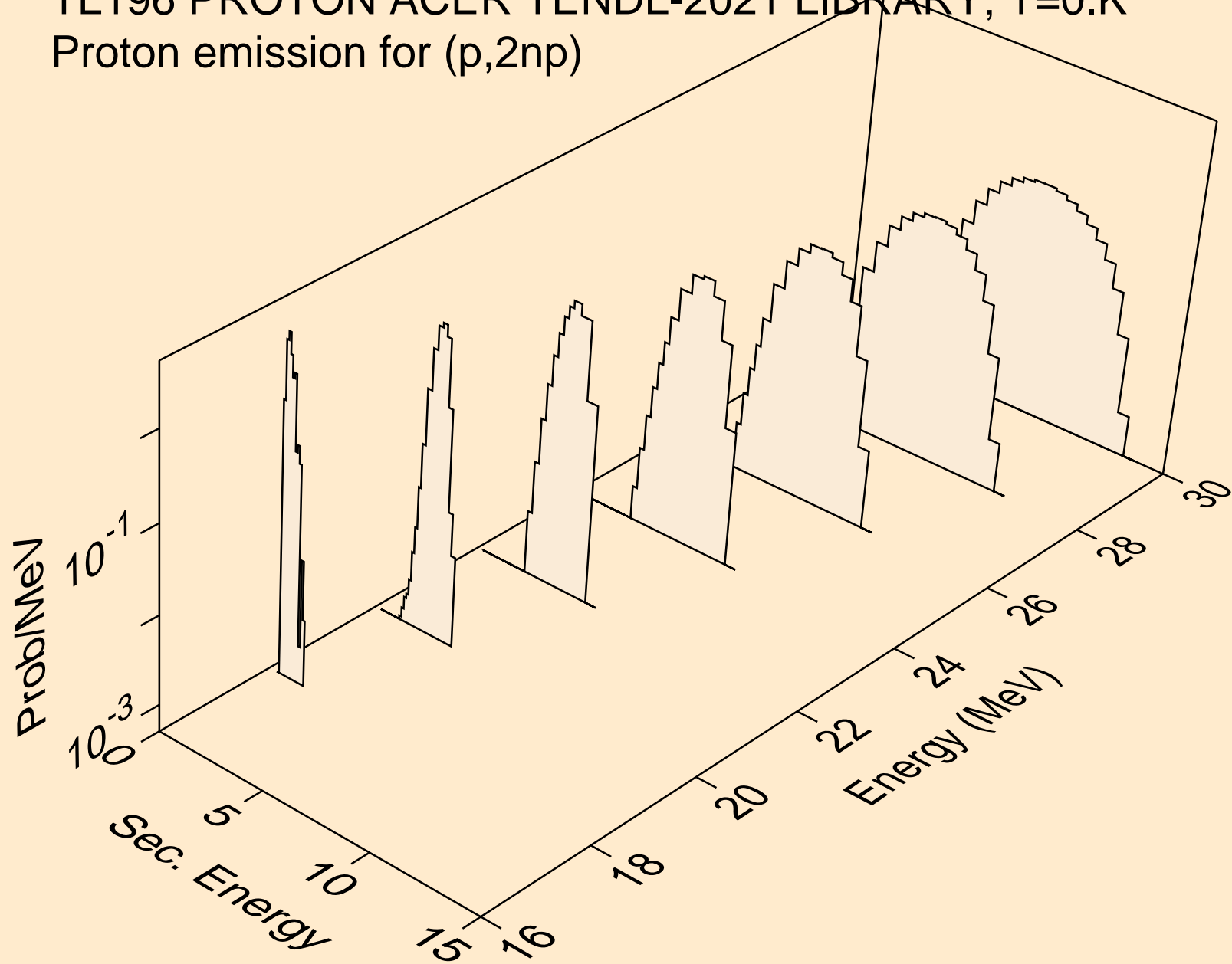
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



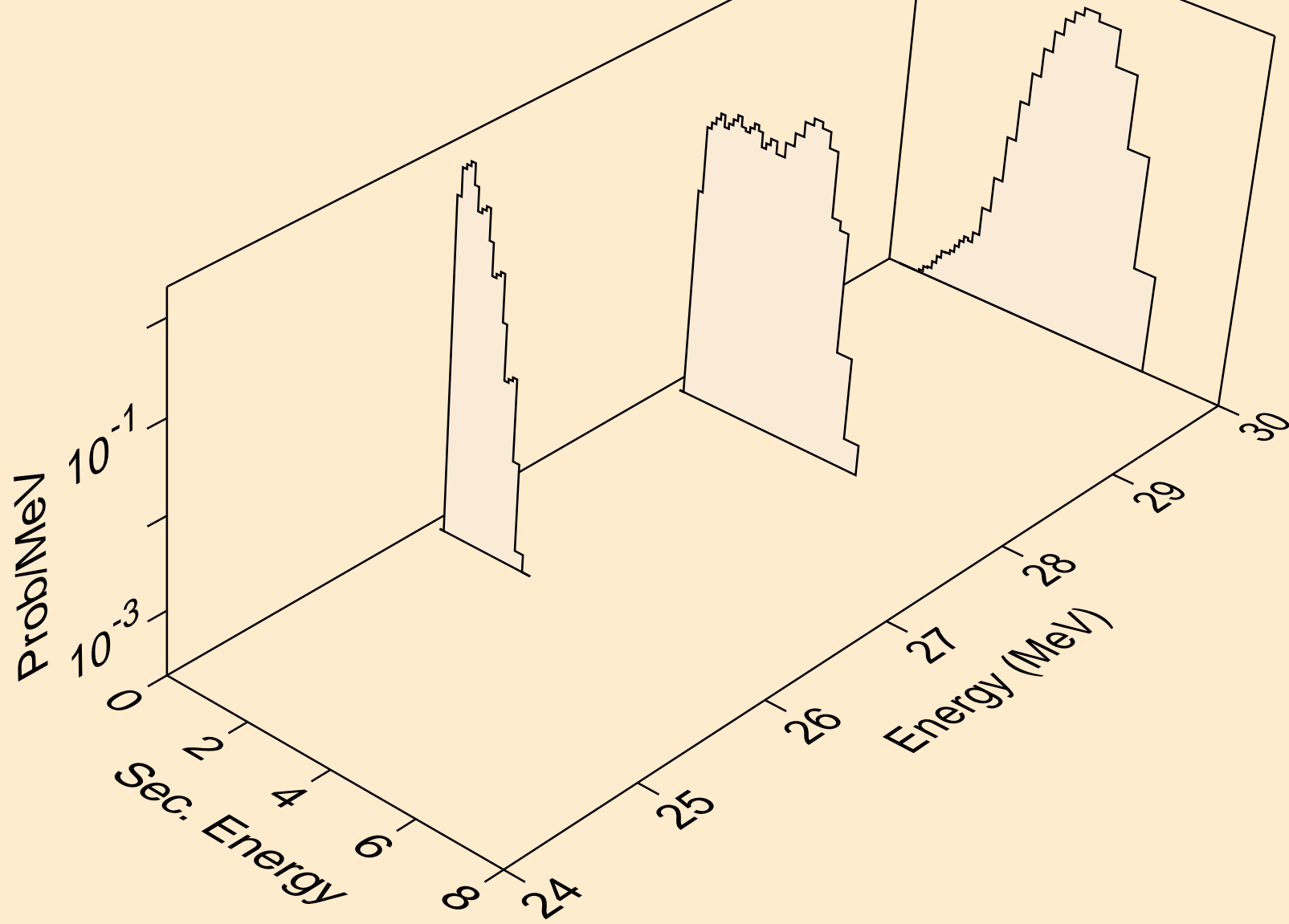
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



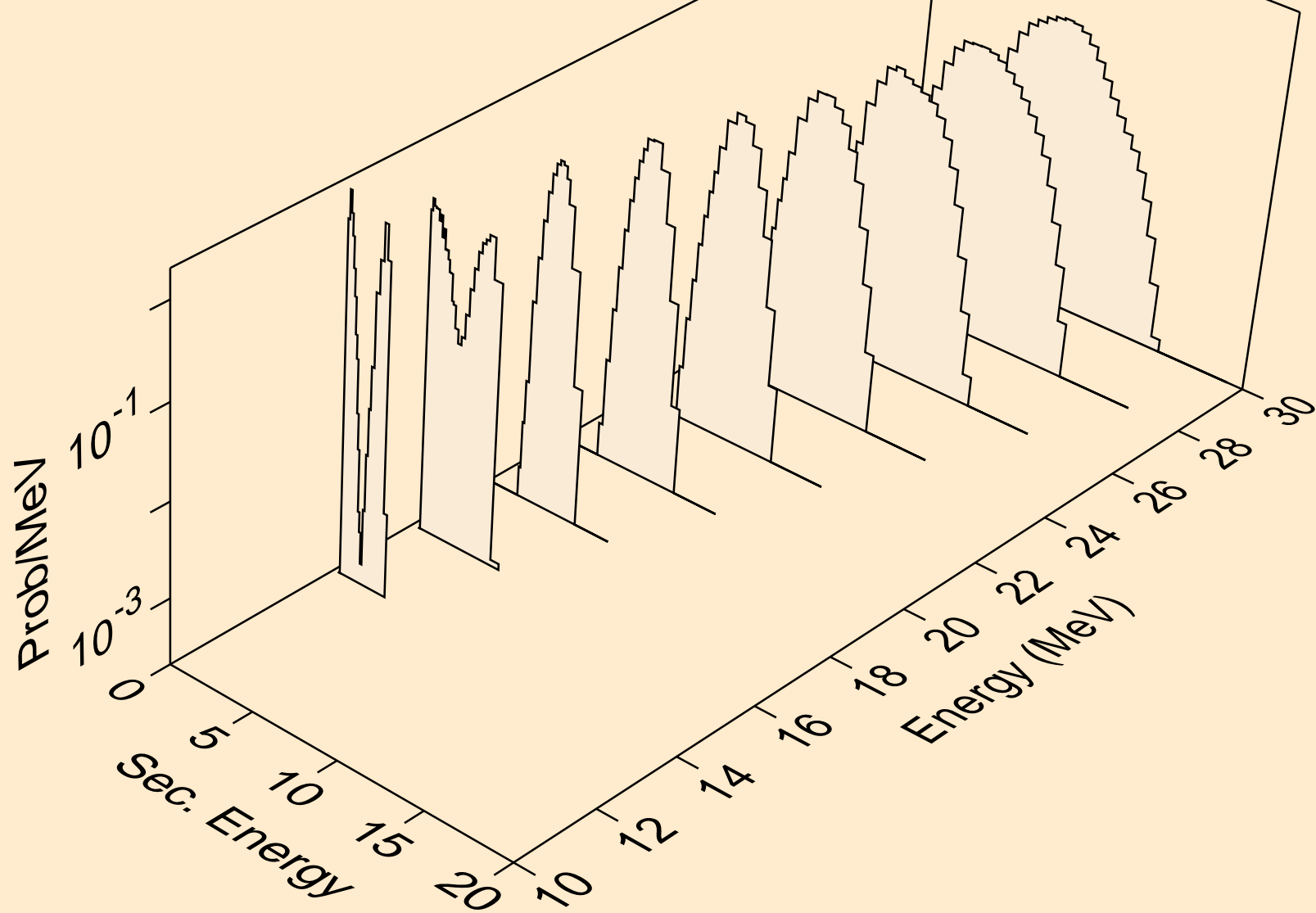
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



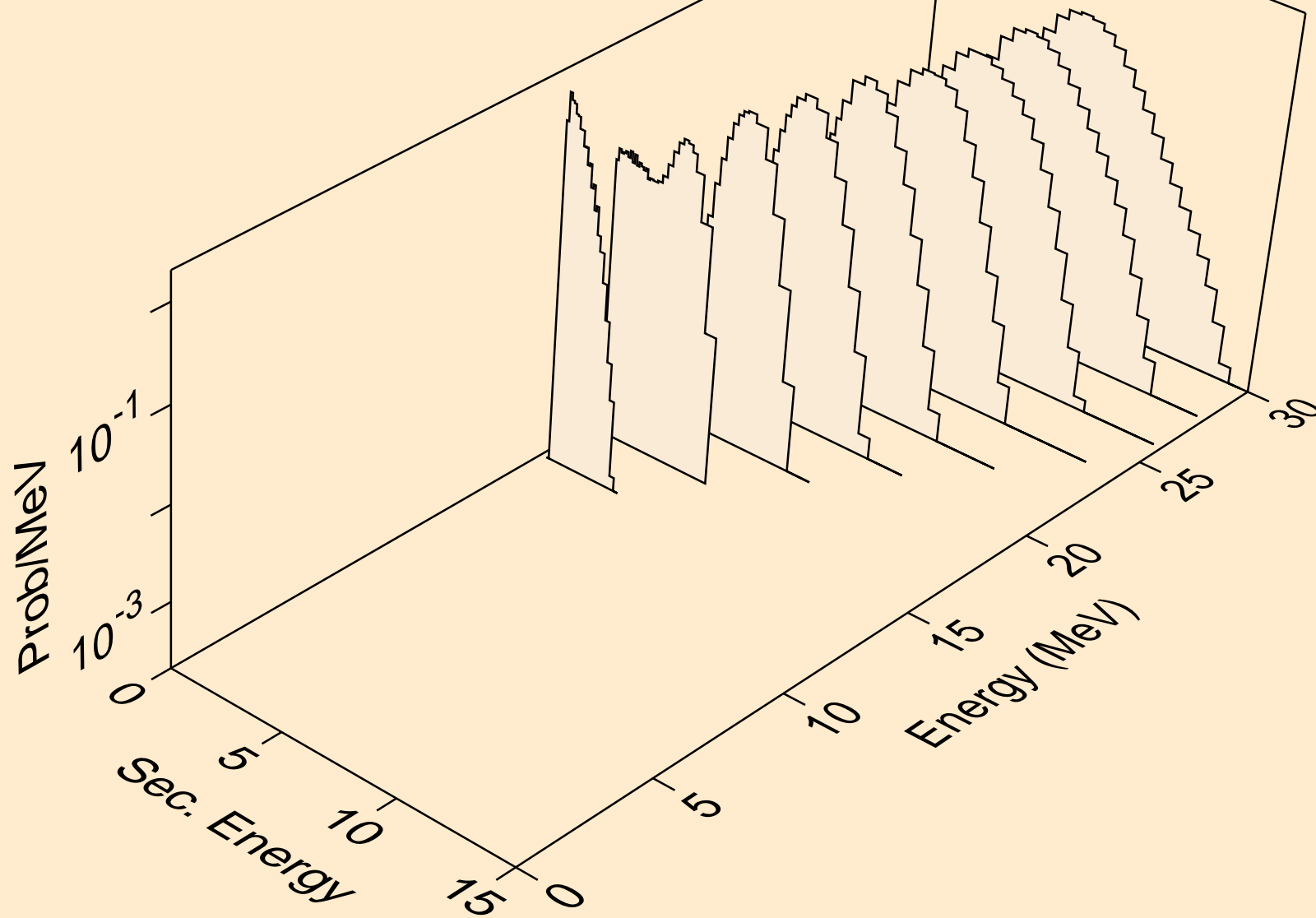
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



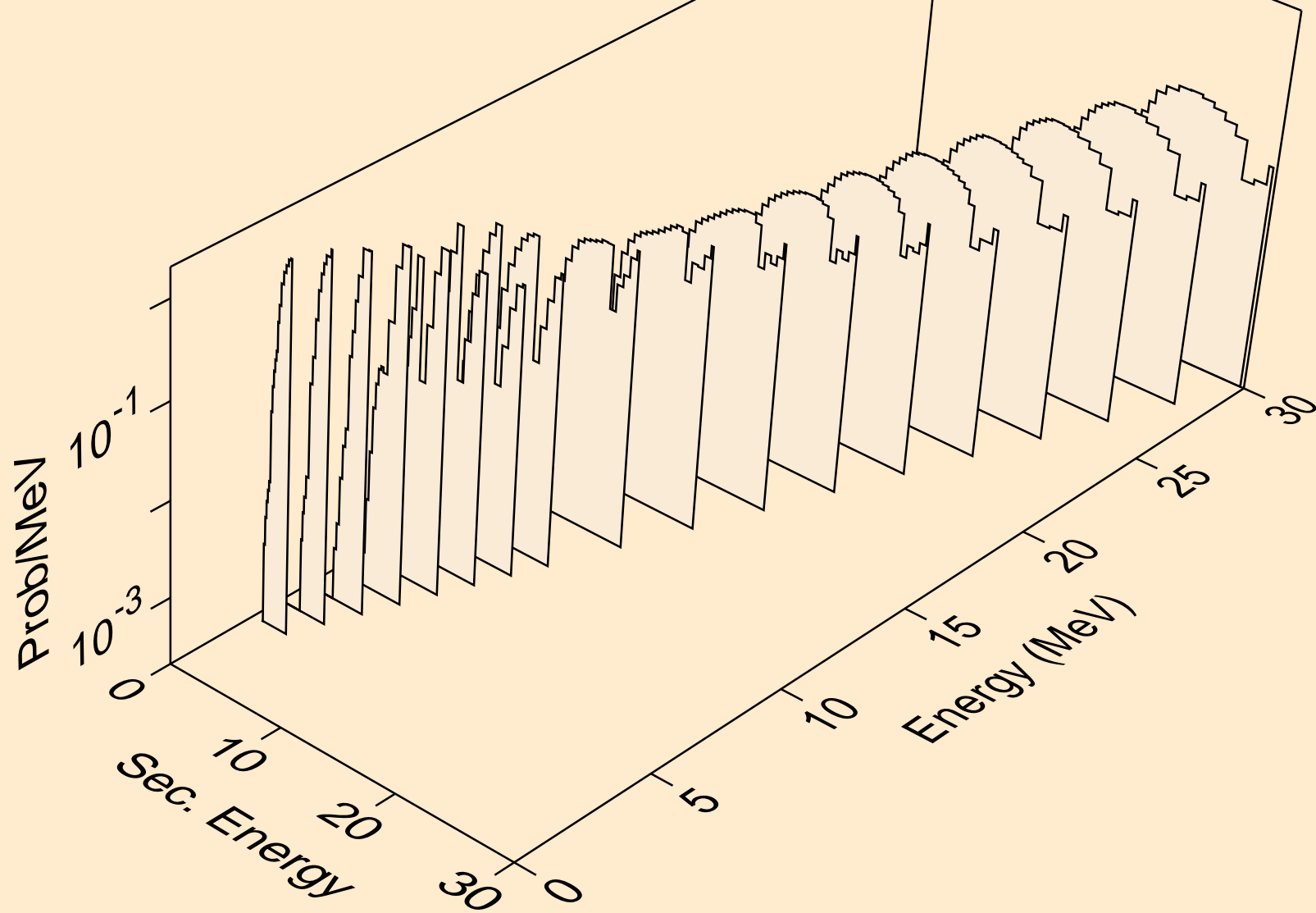
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

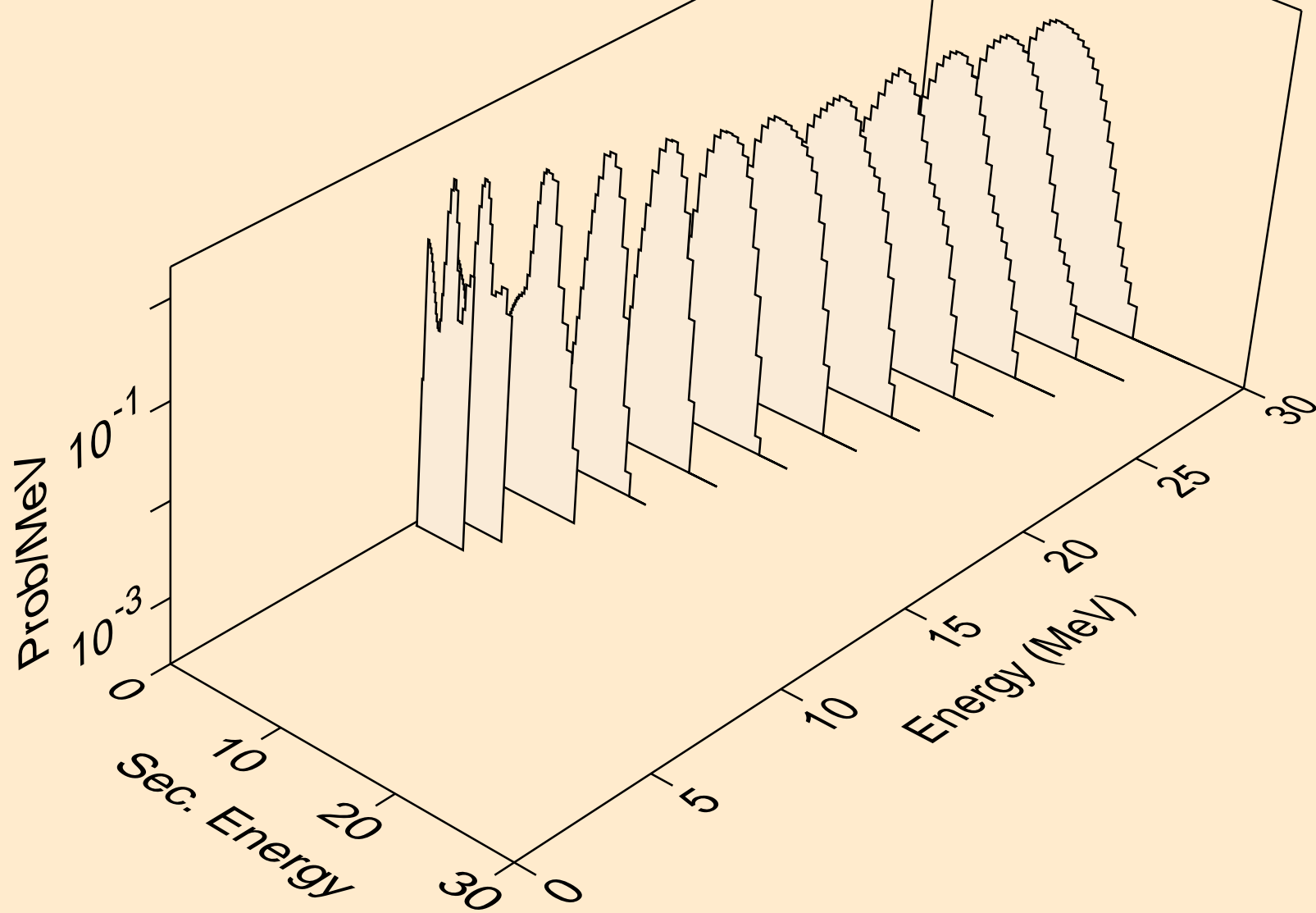


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

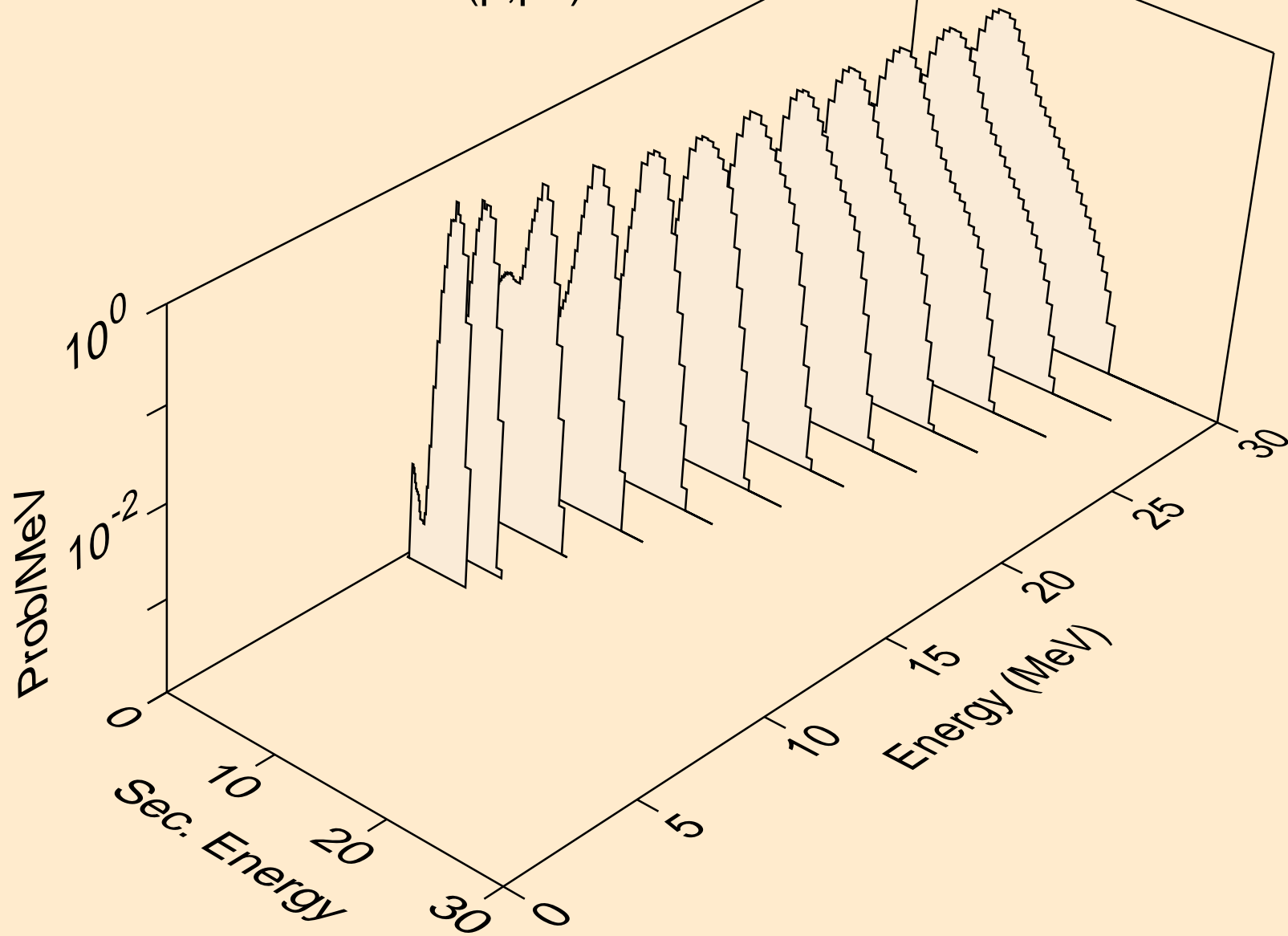




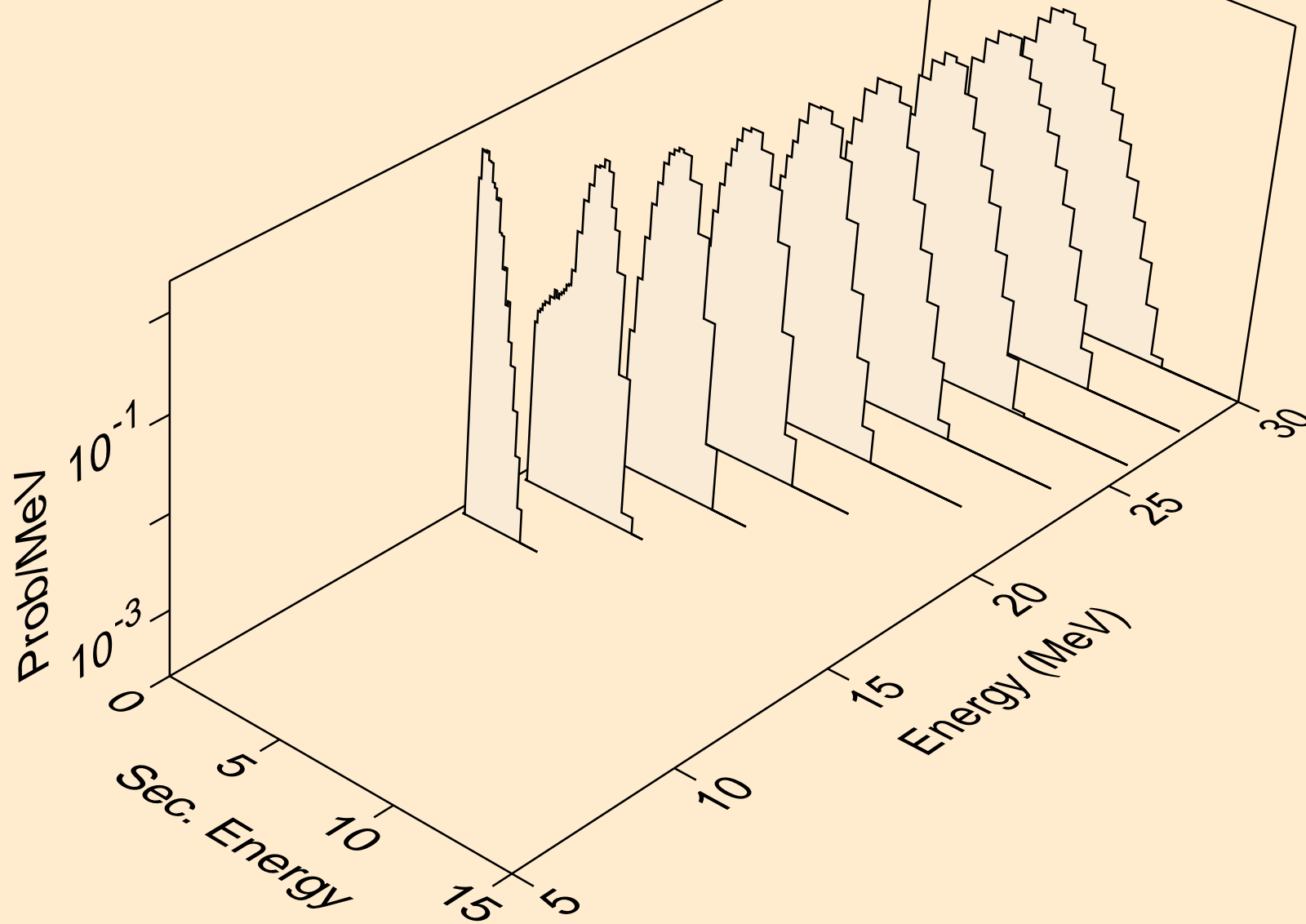
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Proton emission for (p,2p)



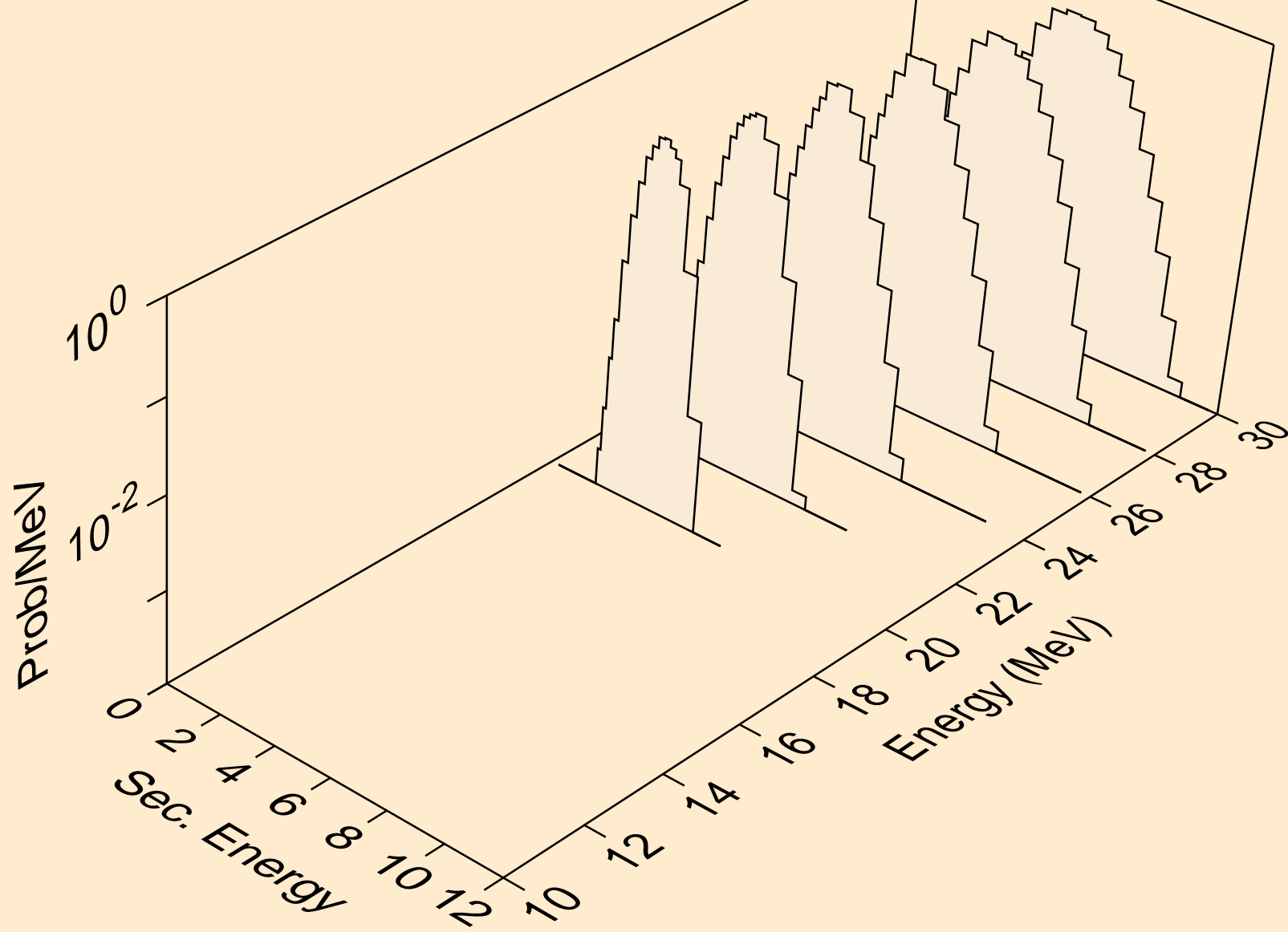
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



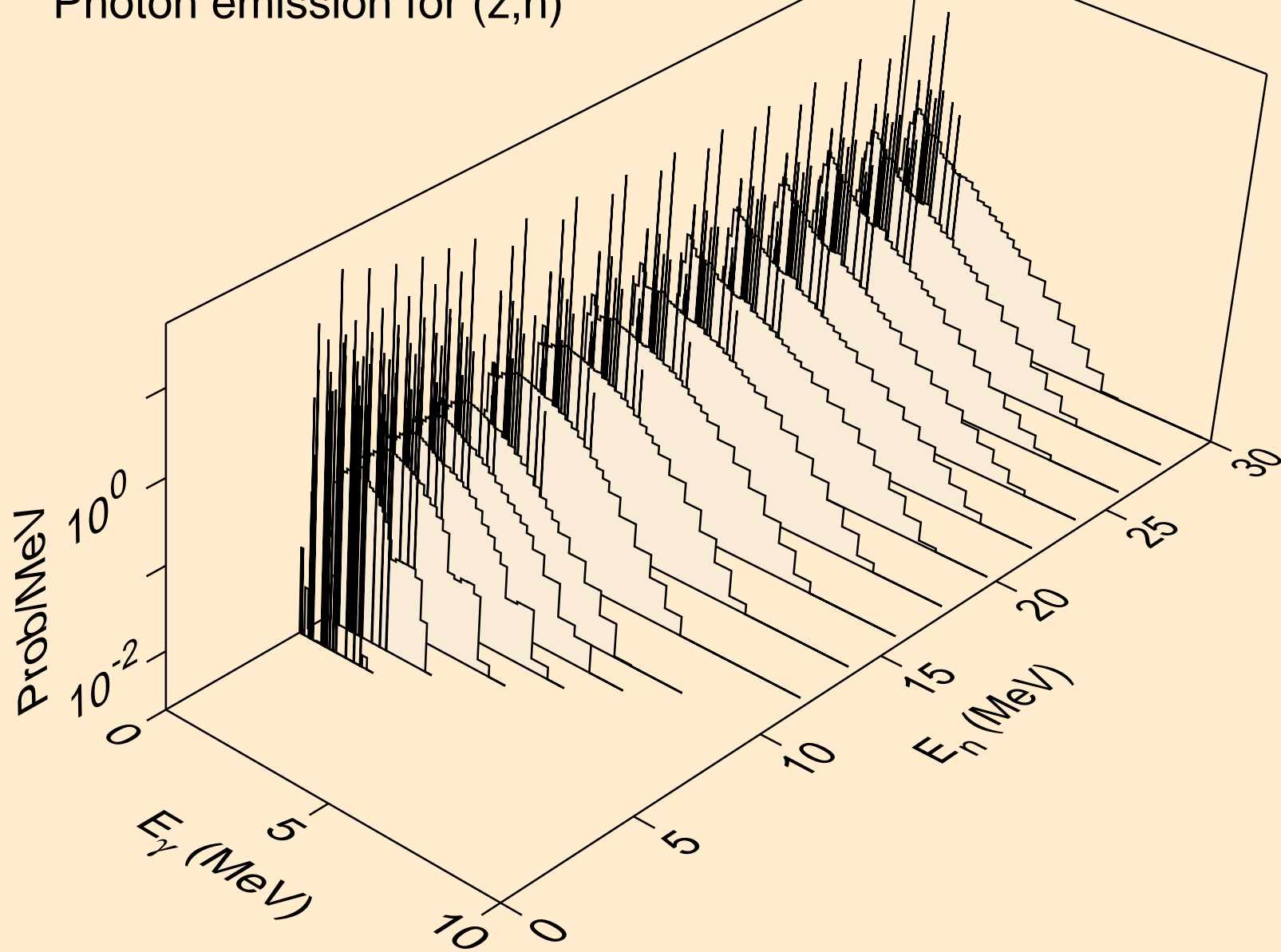
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



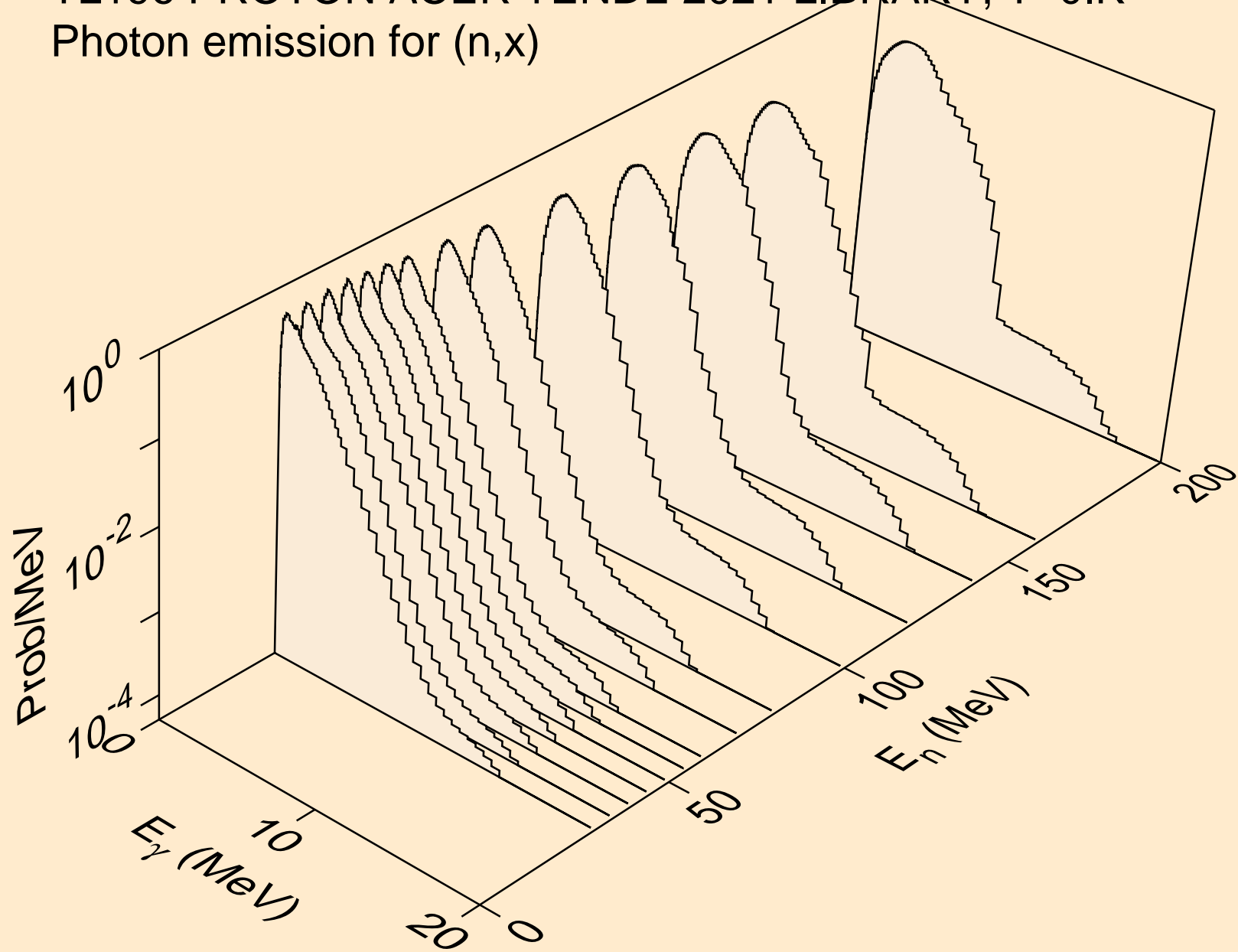
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Proton emission for (p,pt)



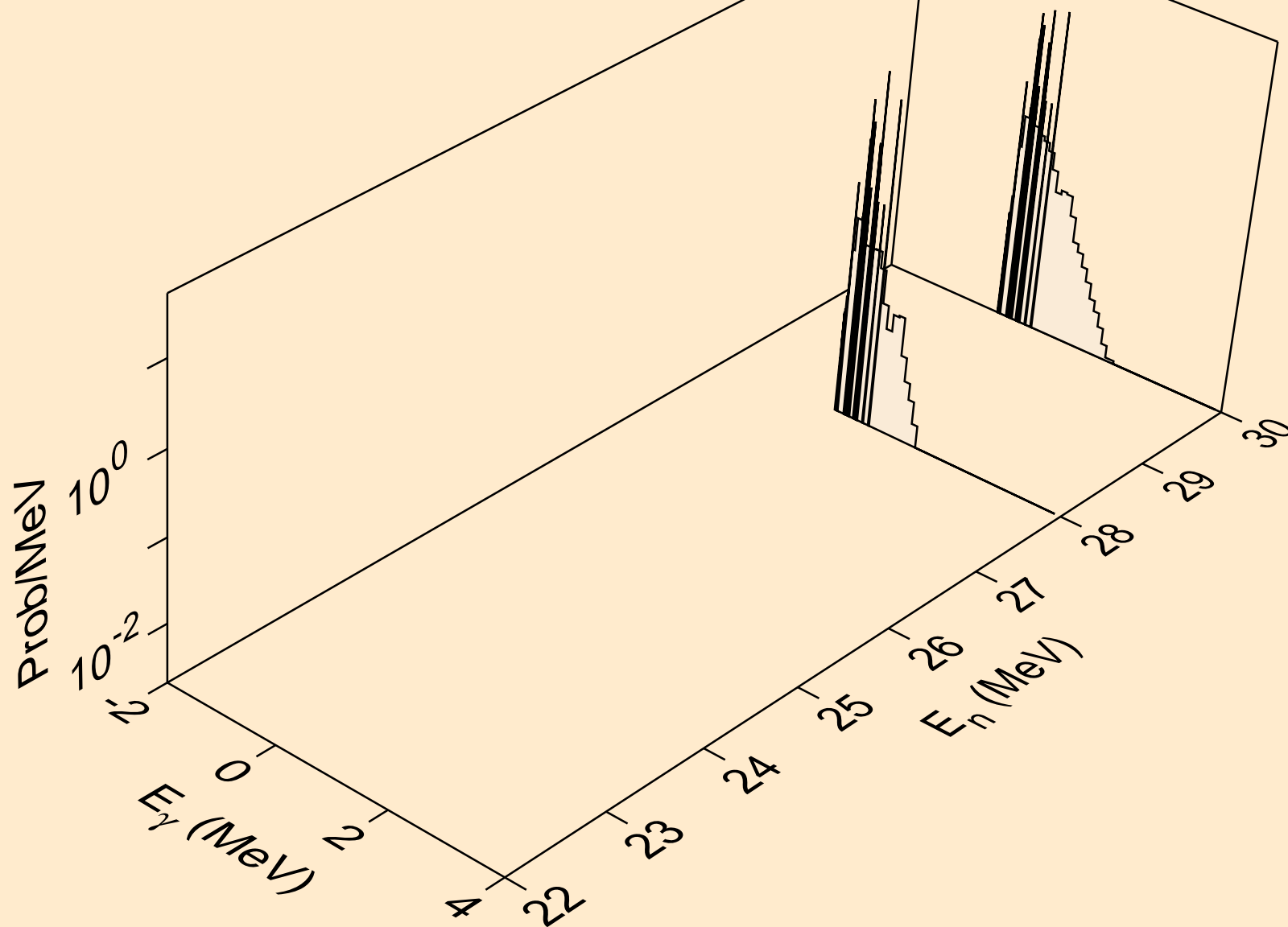
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Photon emission for (z,n)



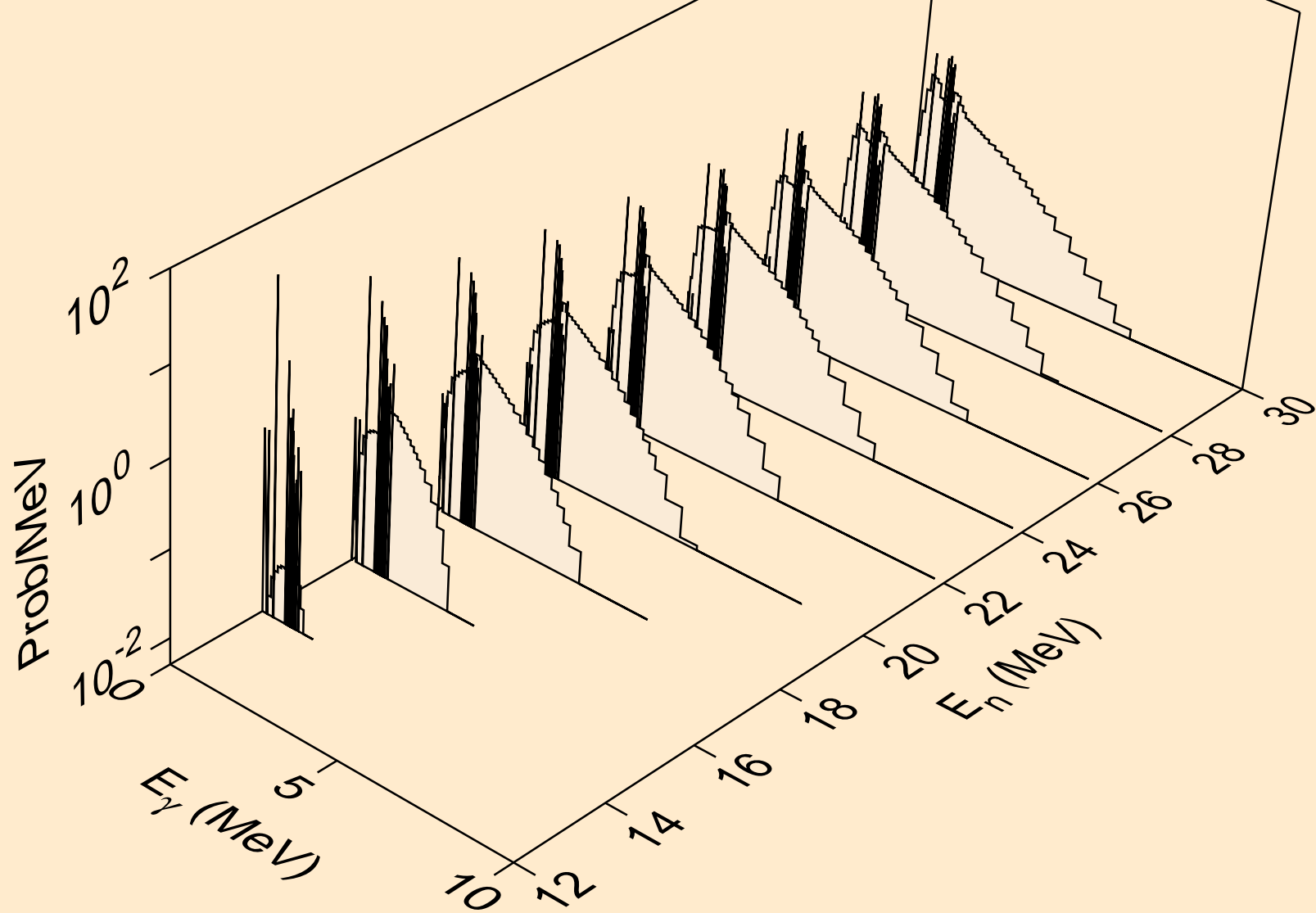
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

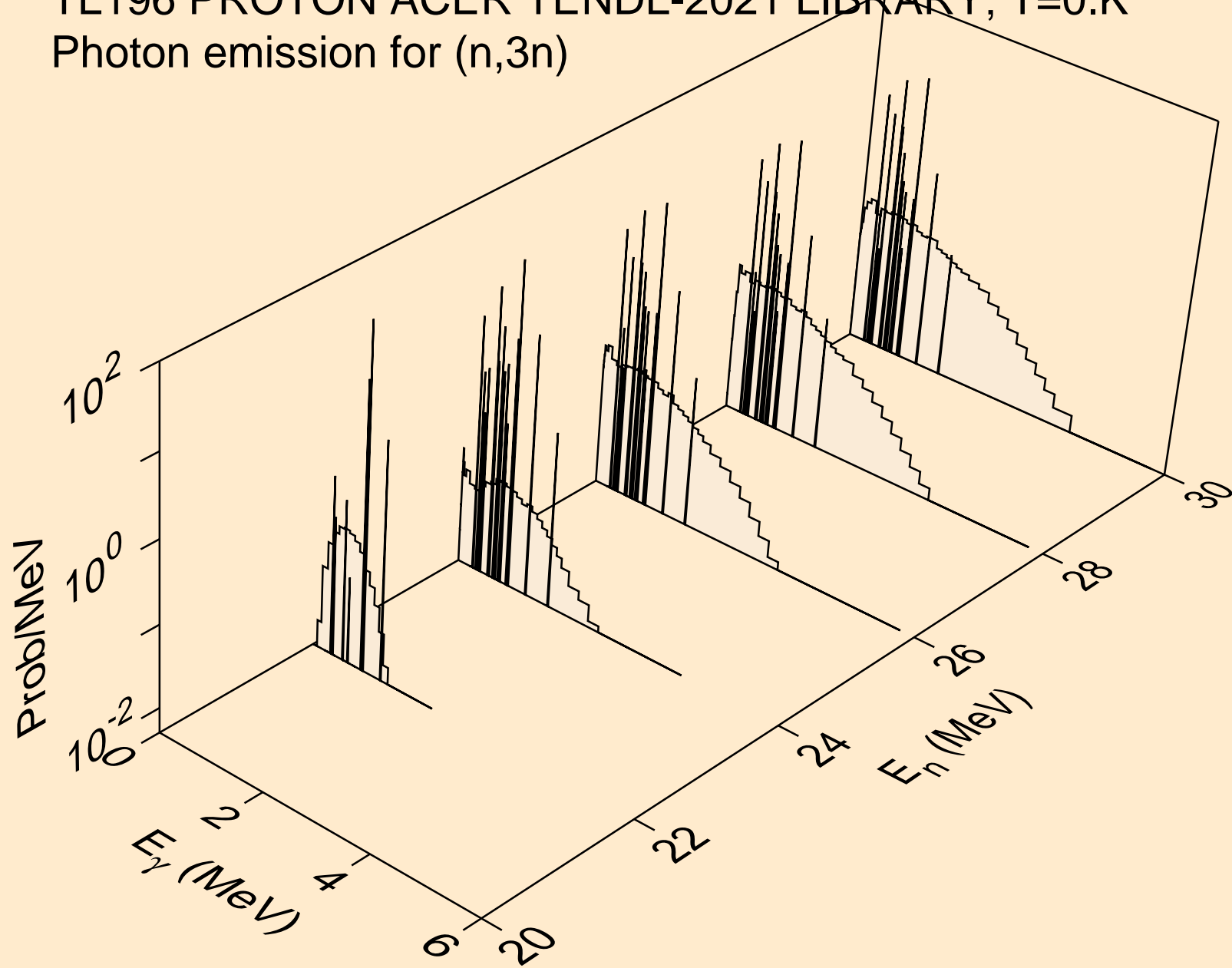


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Photon emission for (n,2n)

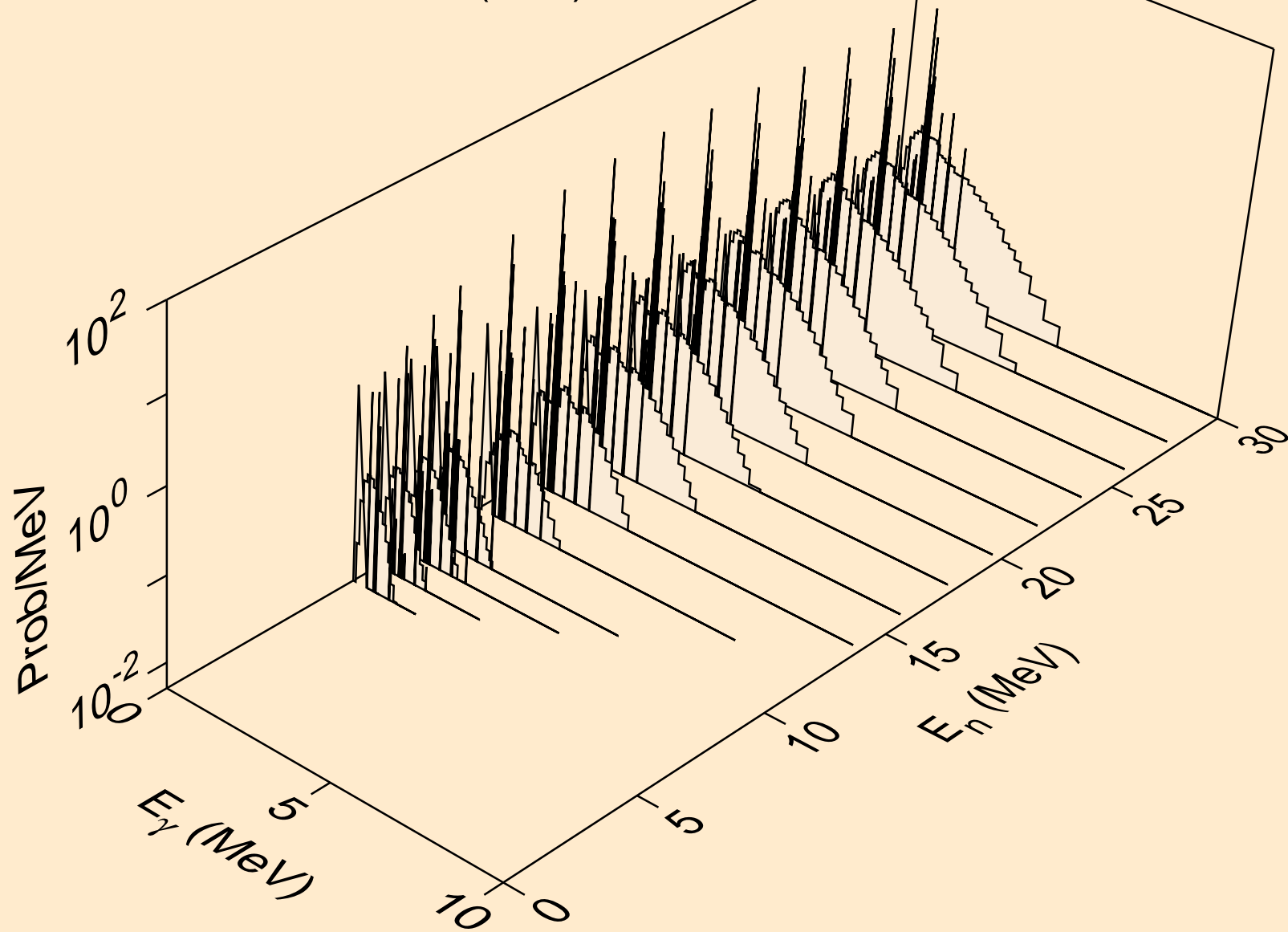




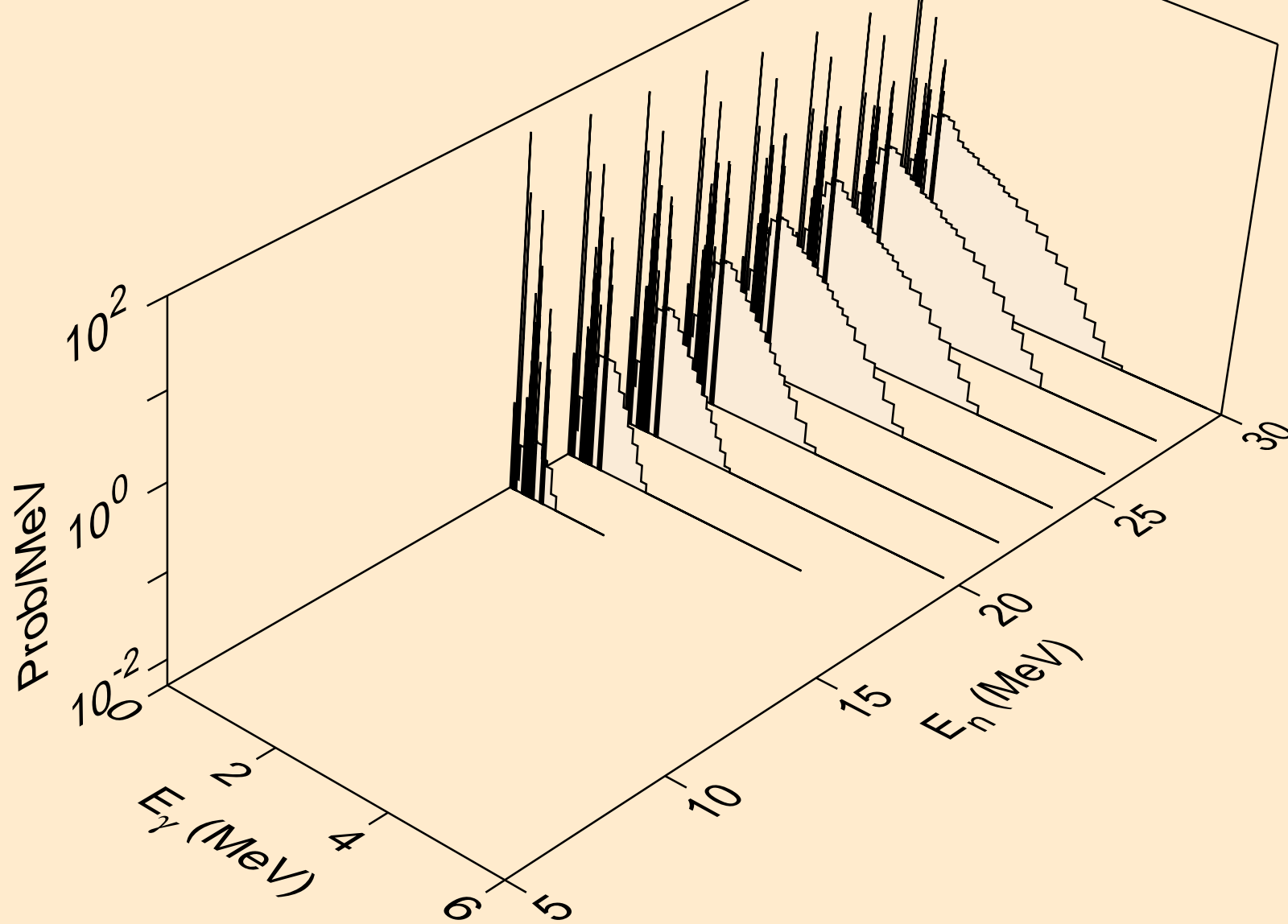
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Photon emission for (n,3n)



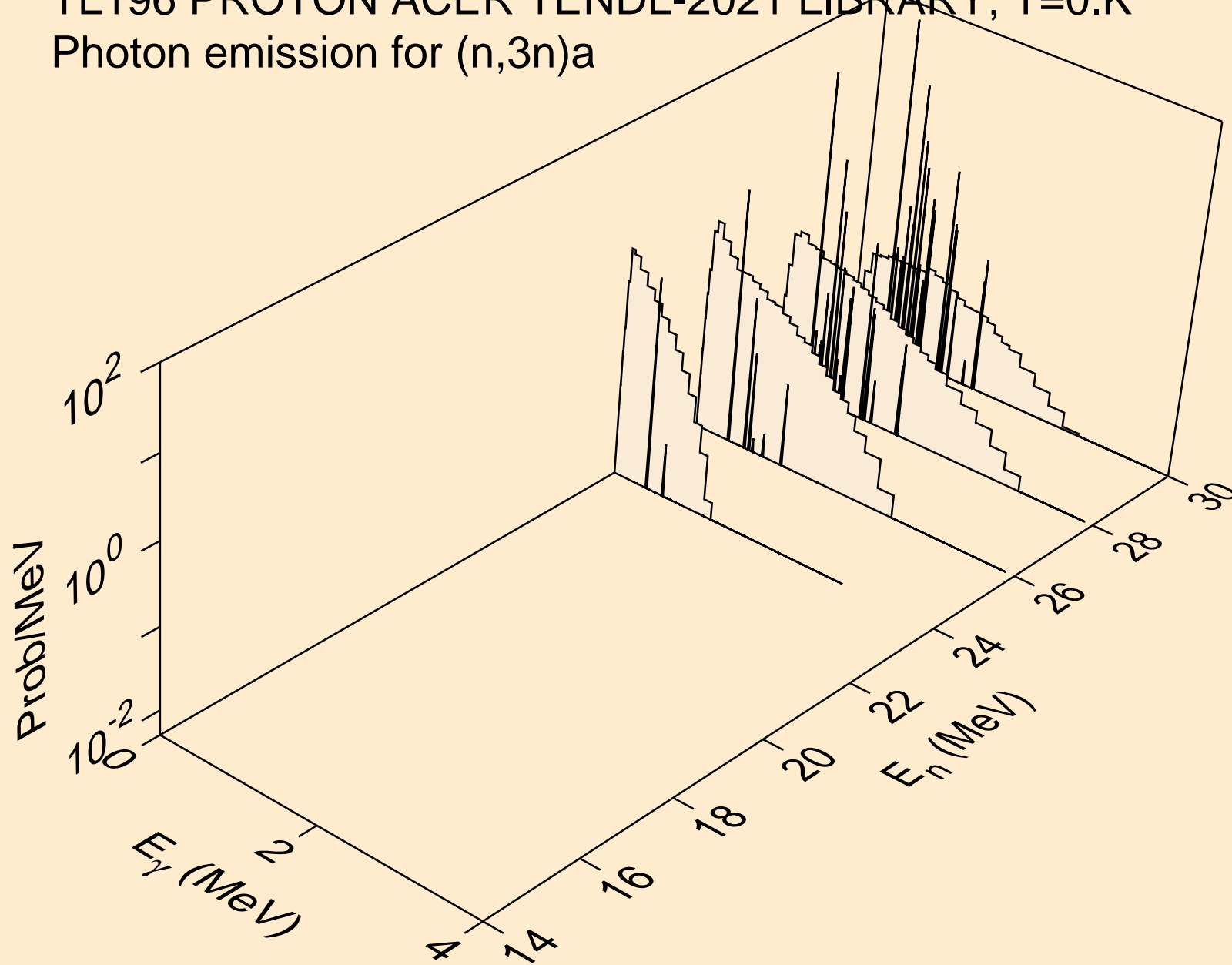
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



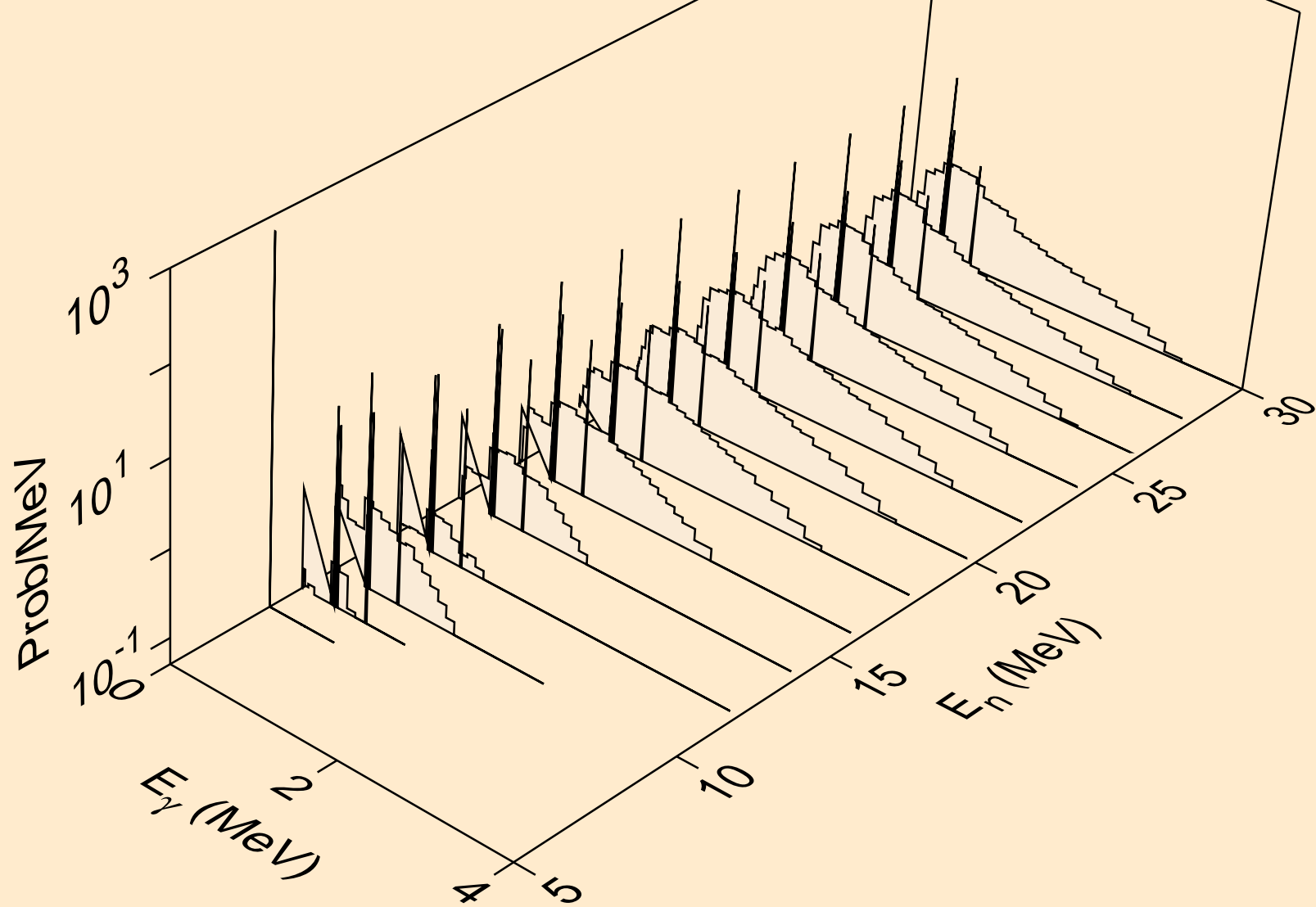
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



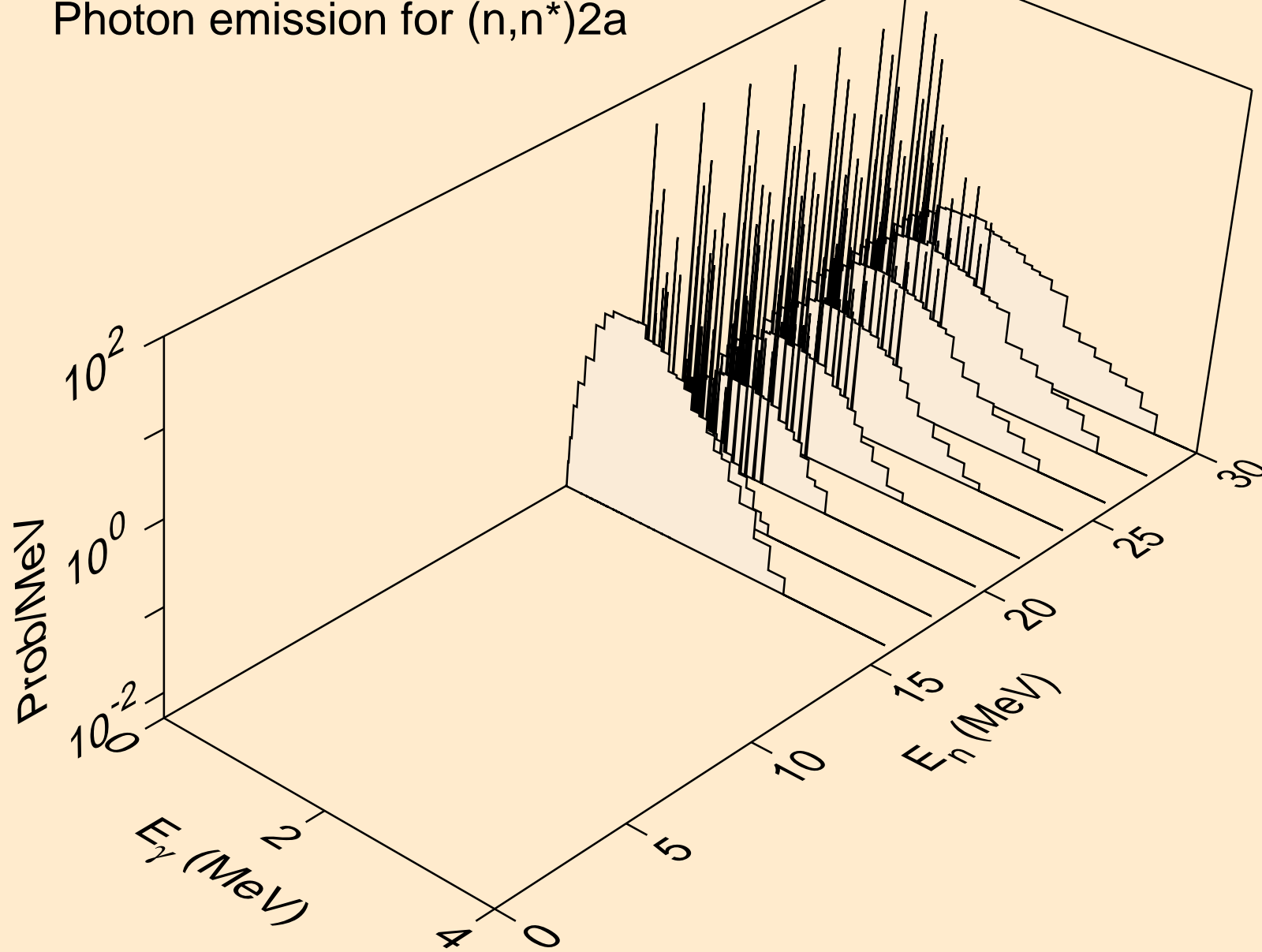
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Photon emission for (n,3n)a



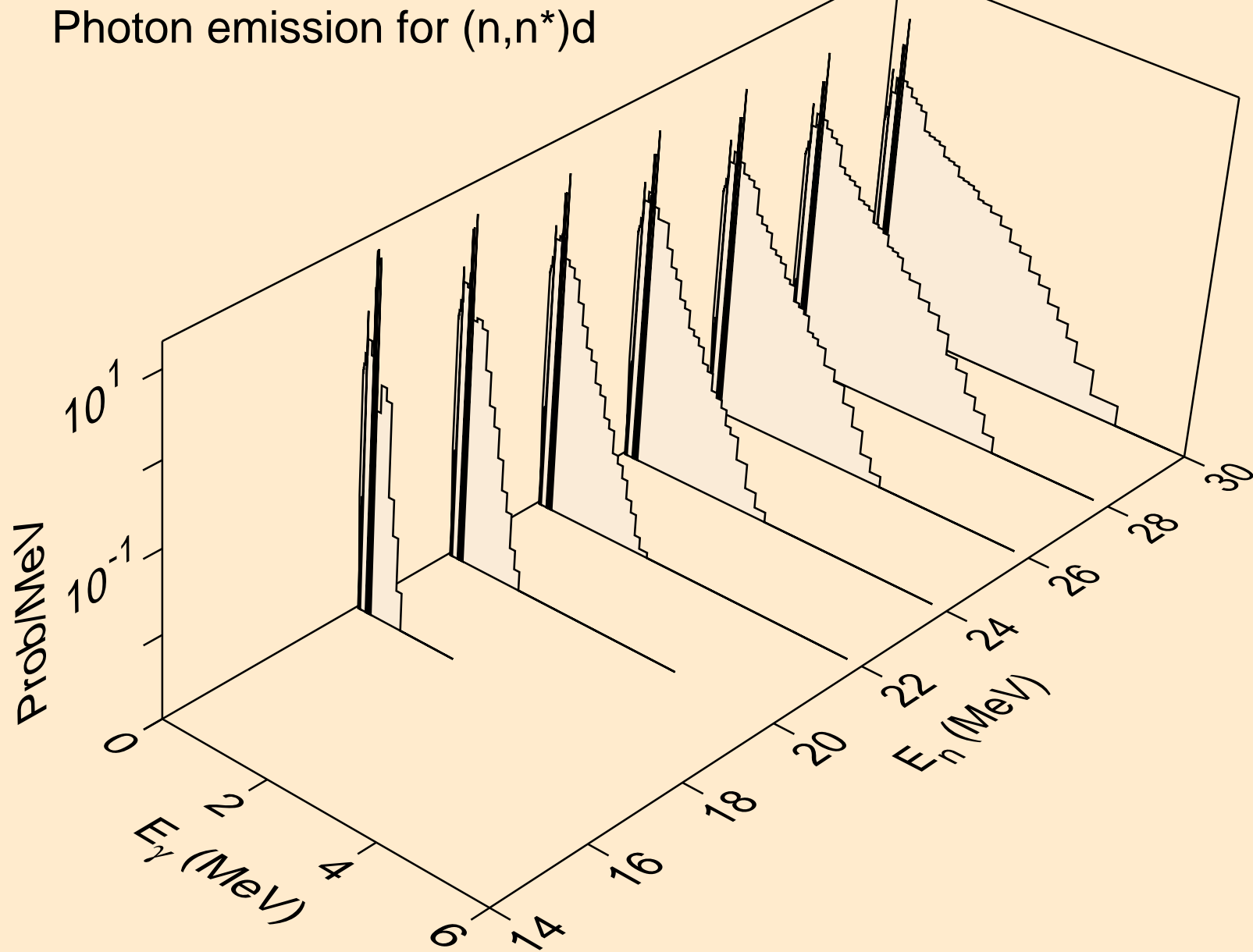
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Photon emission for (n,n\*)p



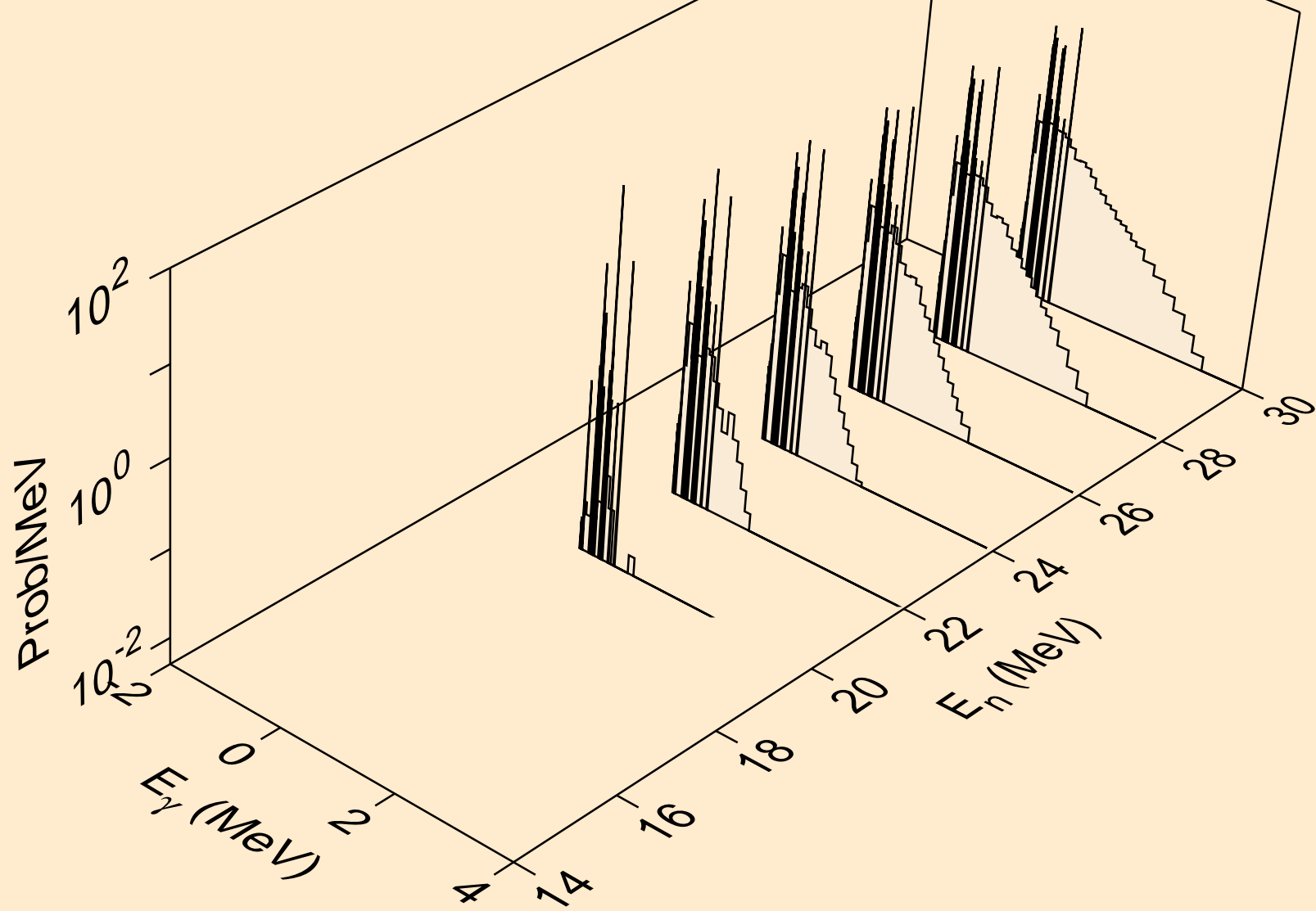
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

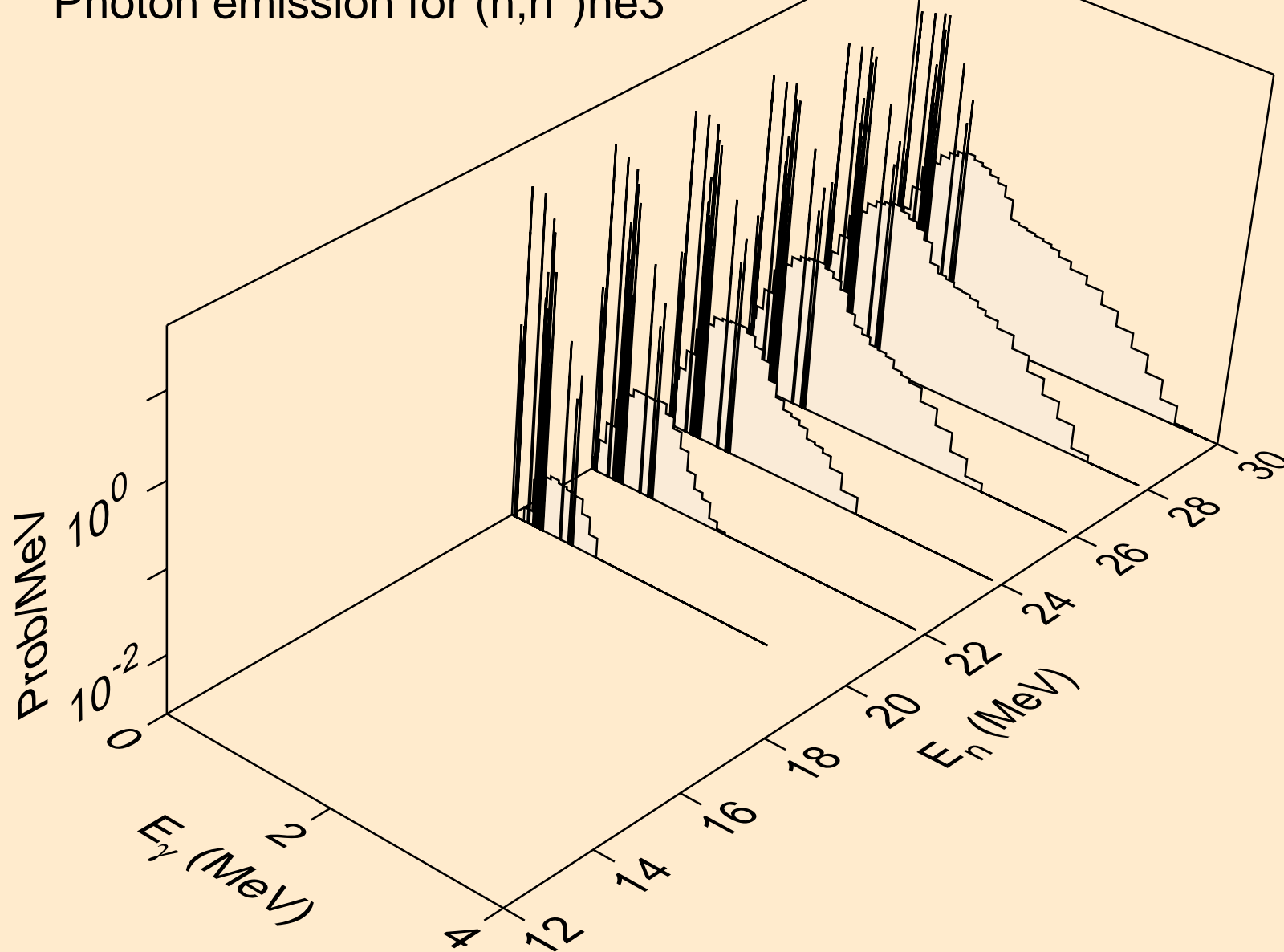


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

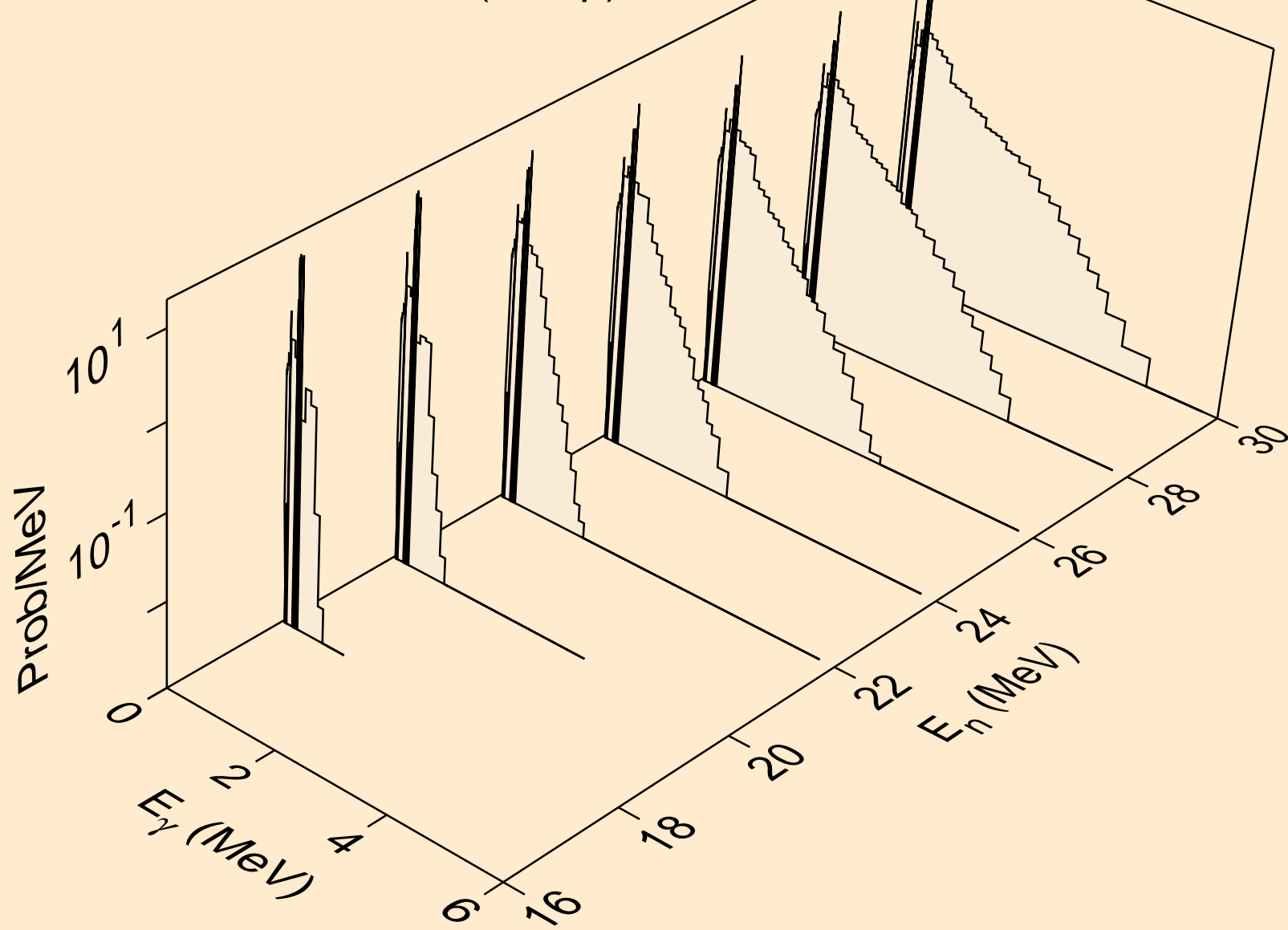




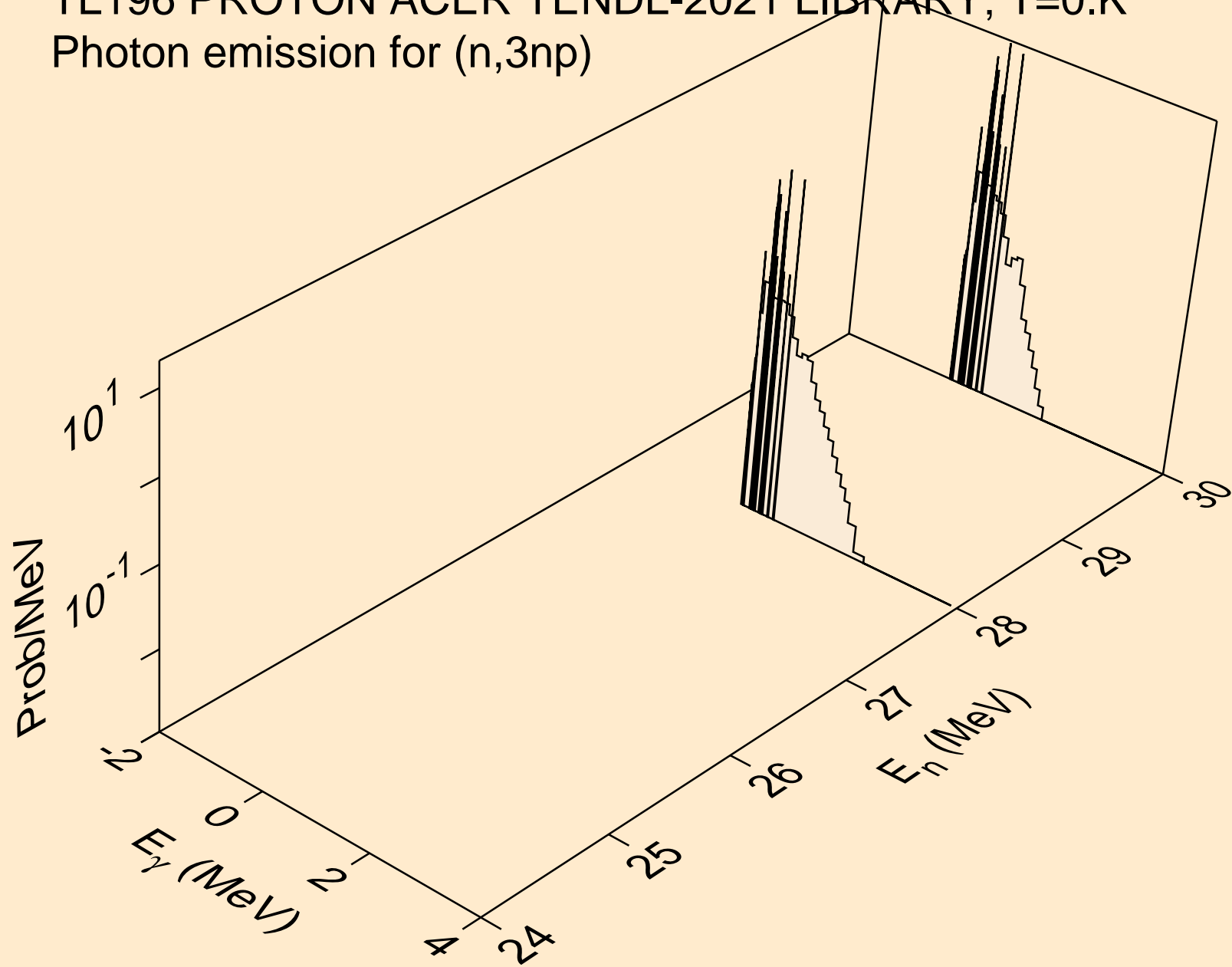
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



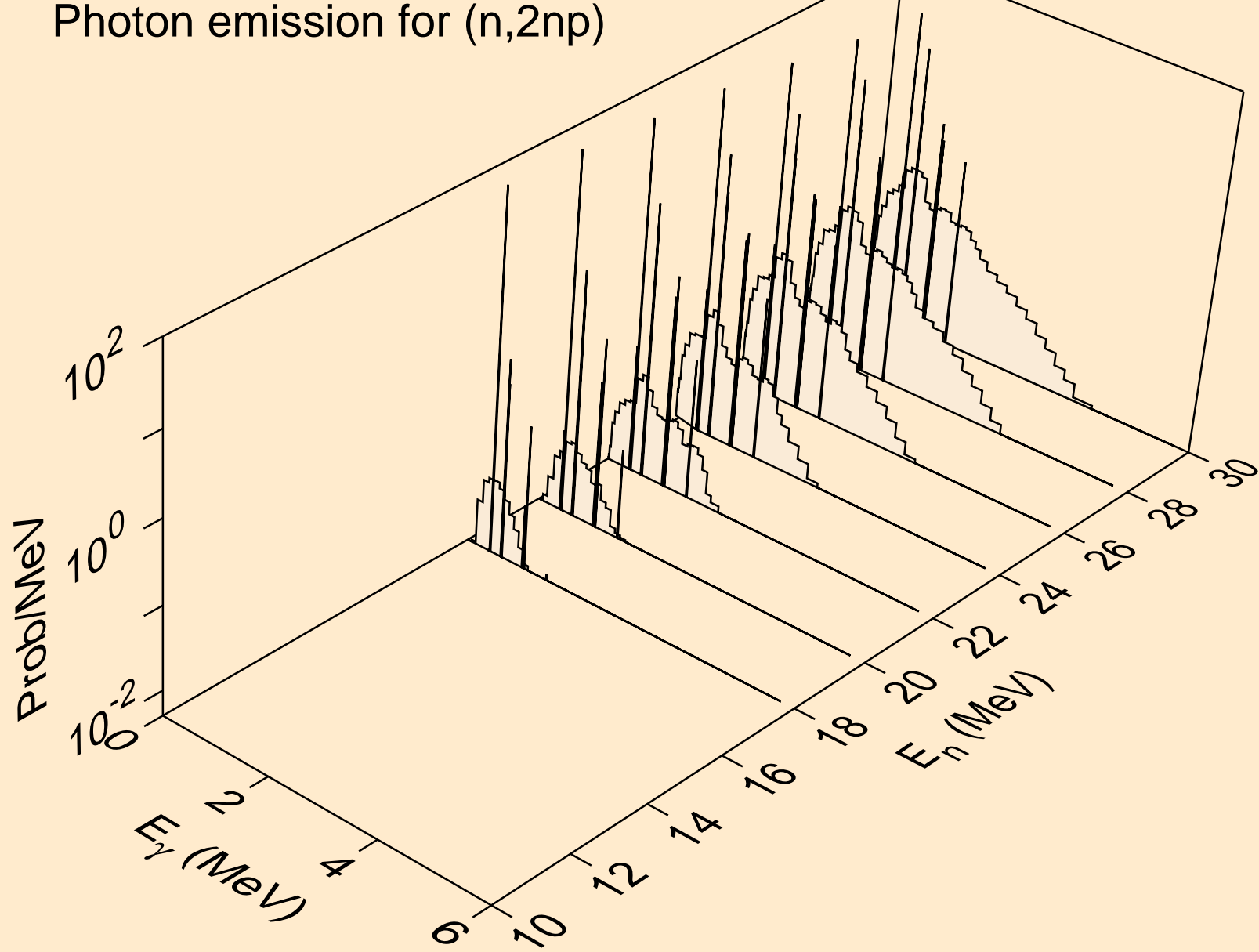
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Photon emission for (n,2np)



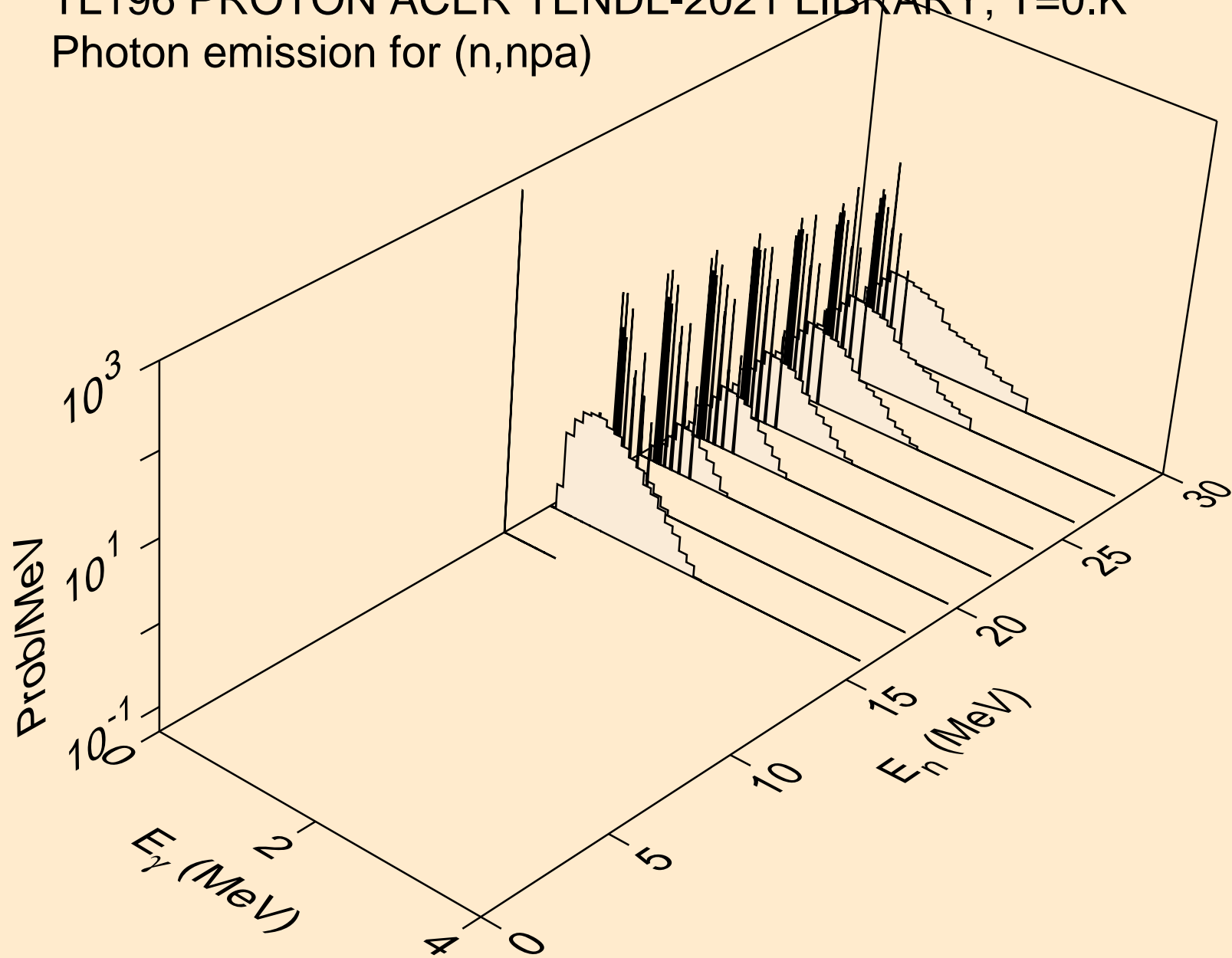
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Photon emission for (n,3np)



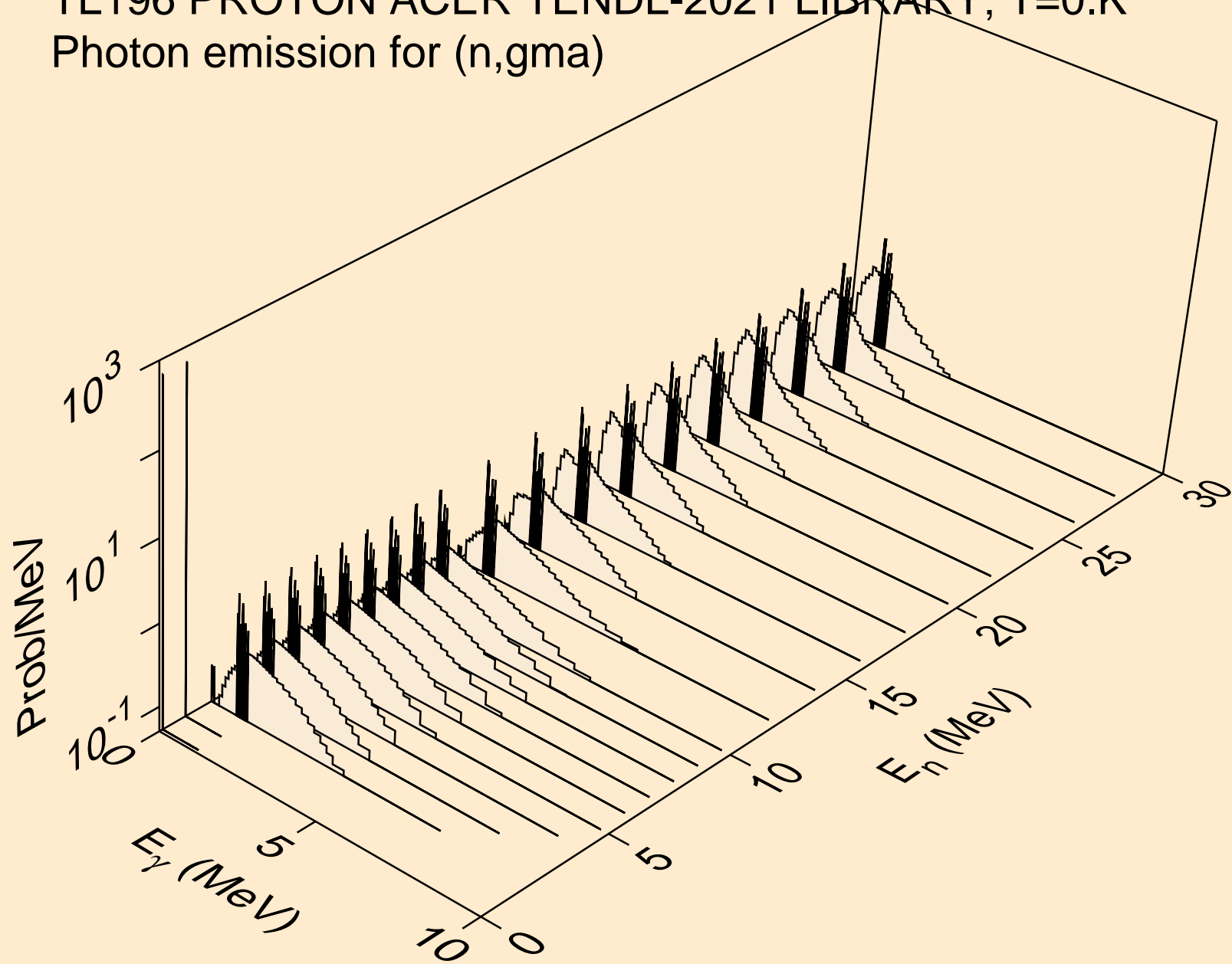
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Photon emission for (n,2np)



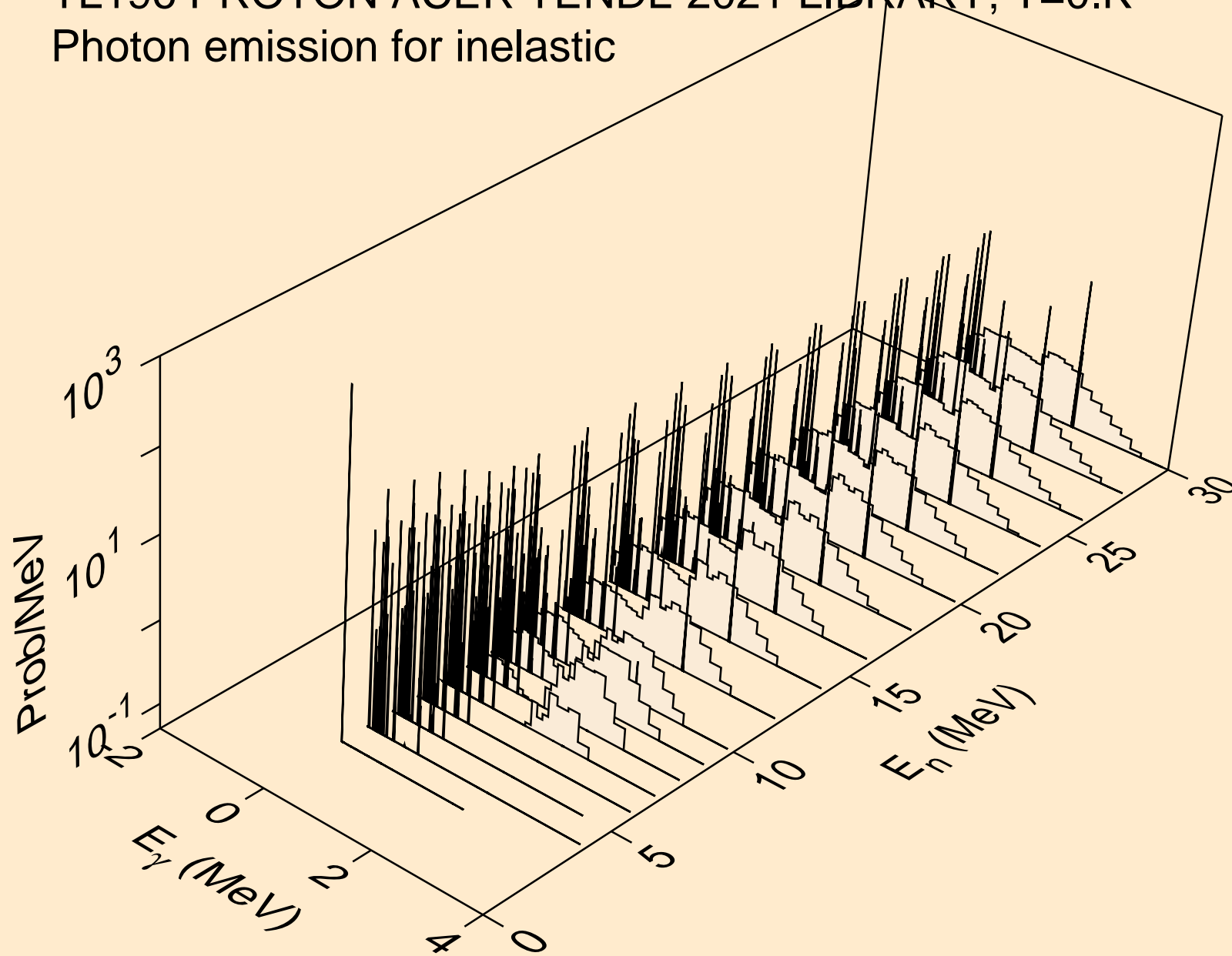
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Photon emission for (n,npa)



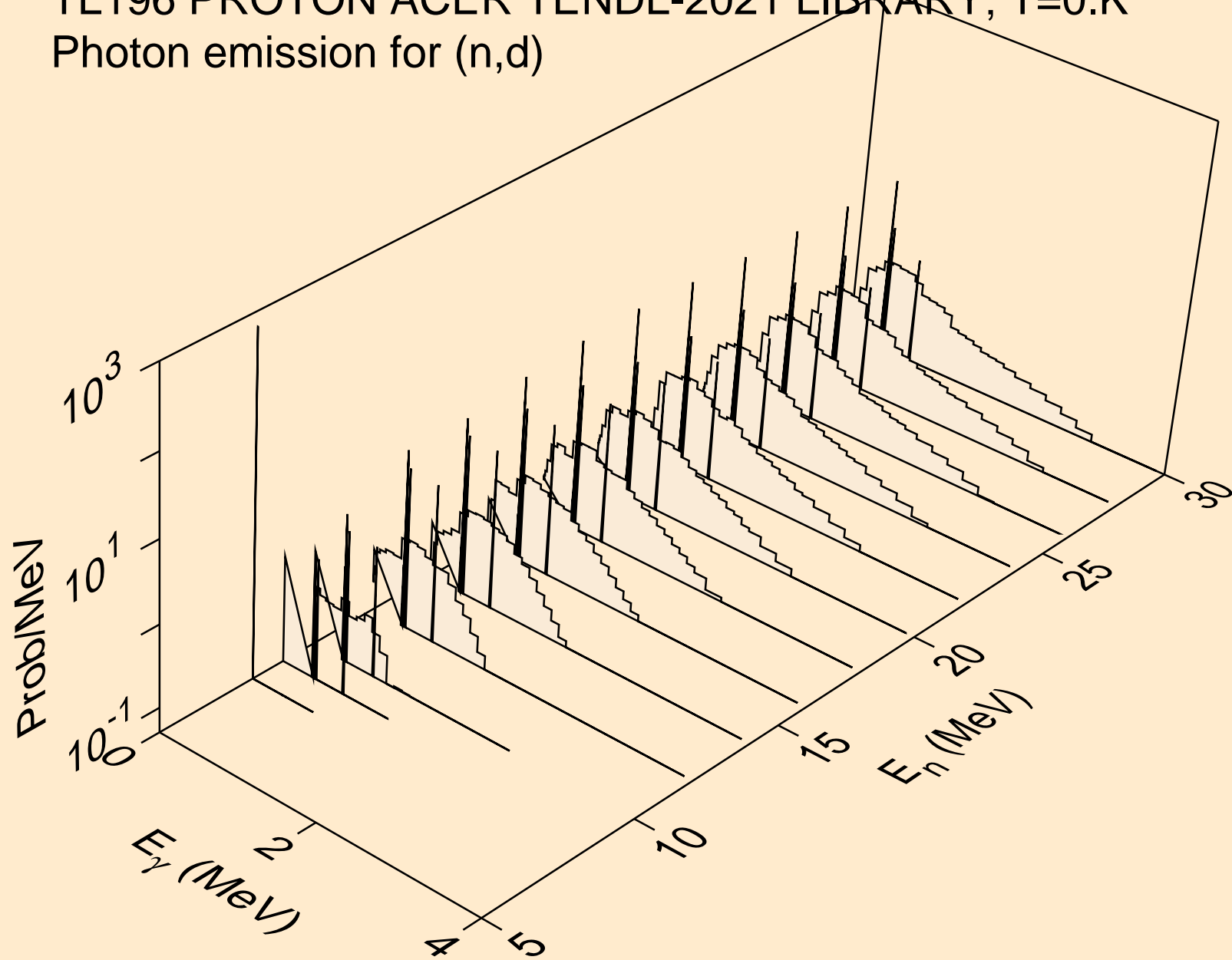
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

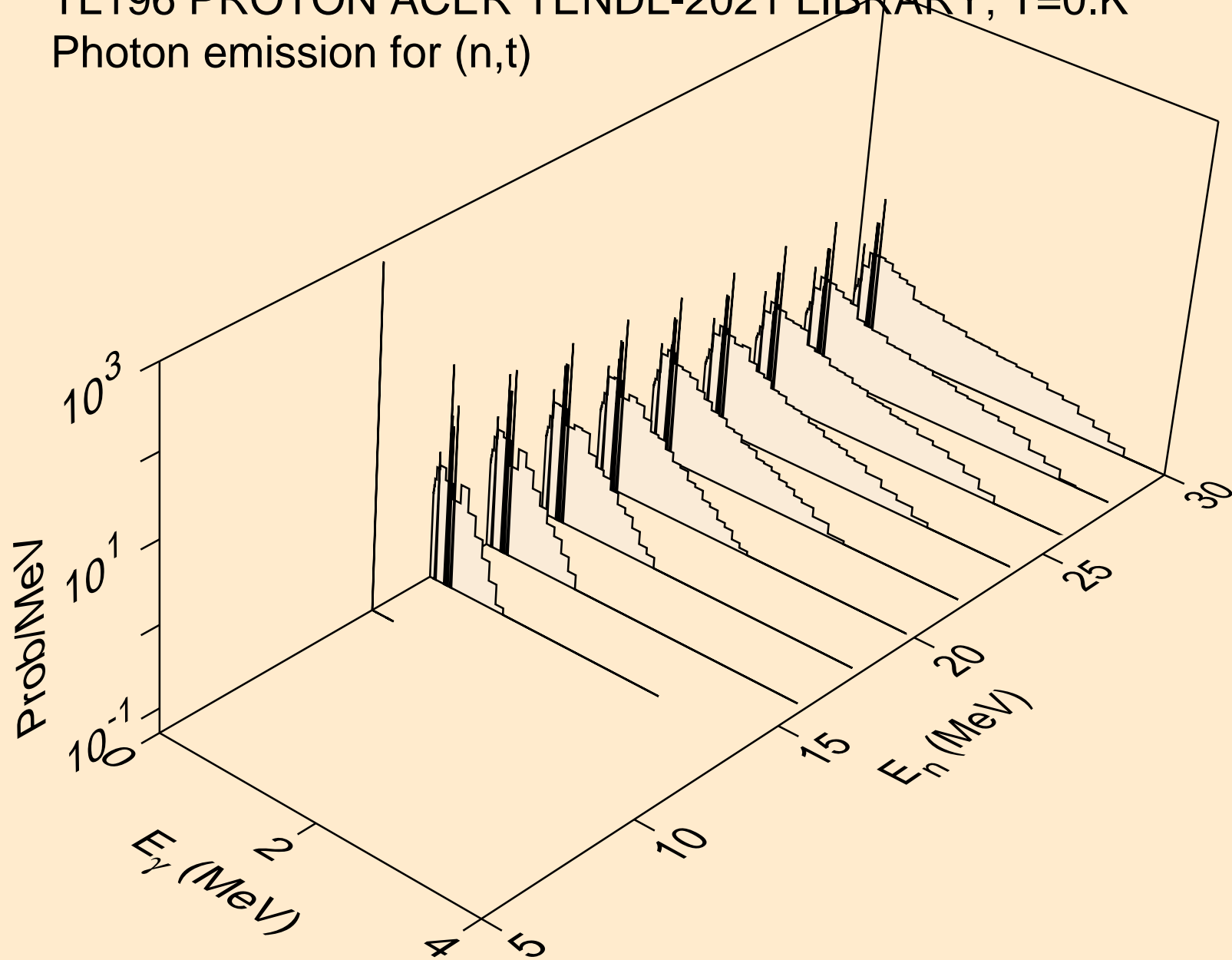


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Photon emission for (n,d)

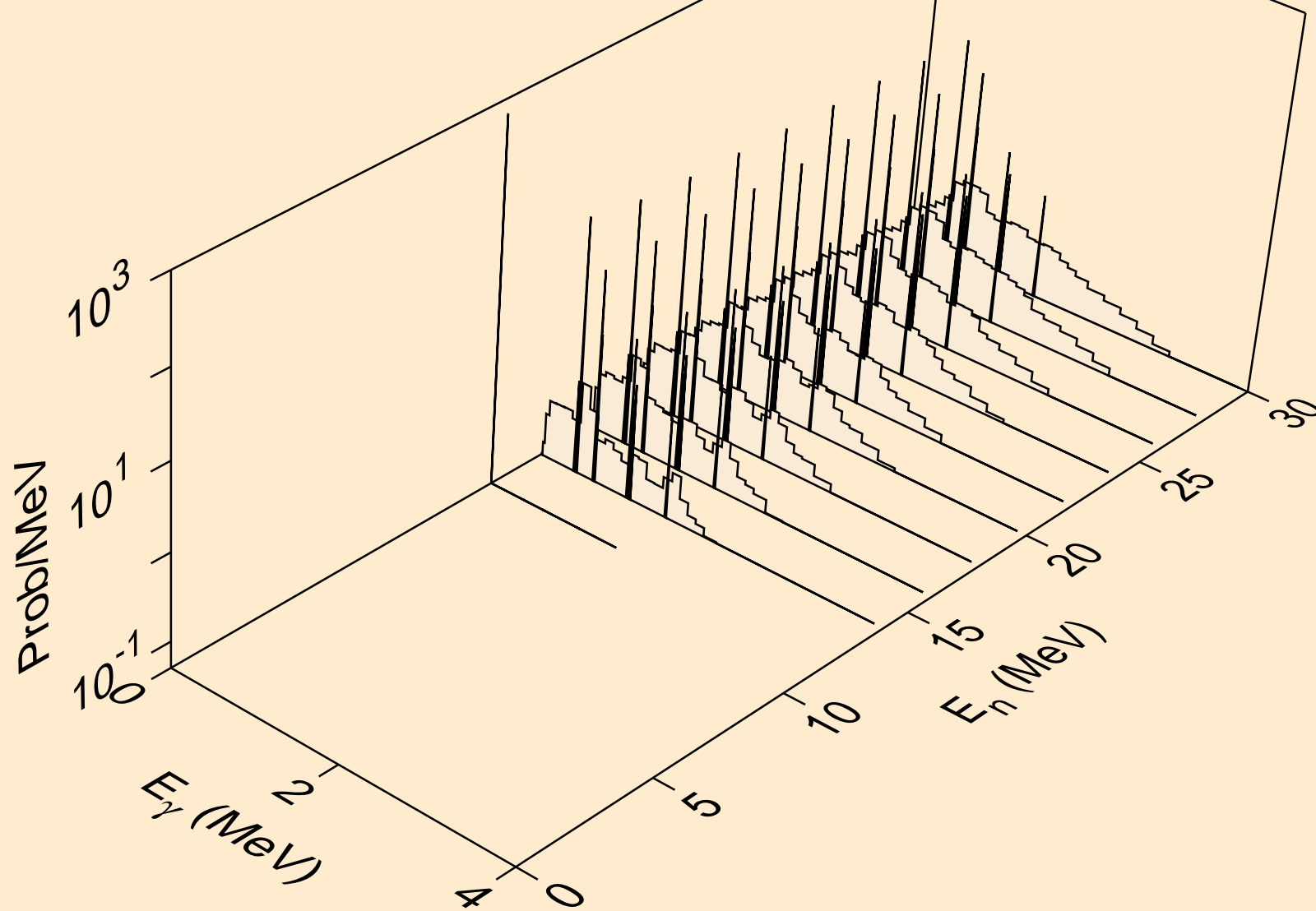




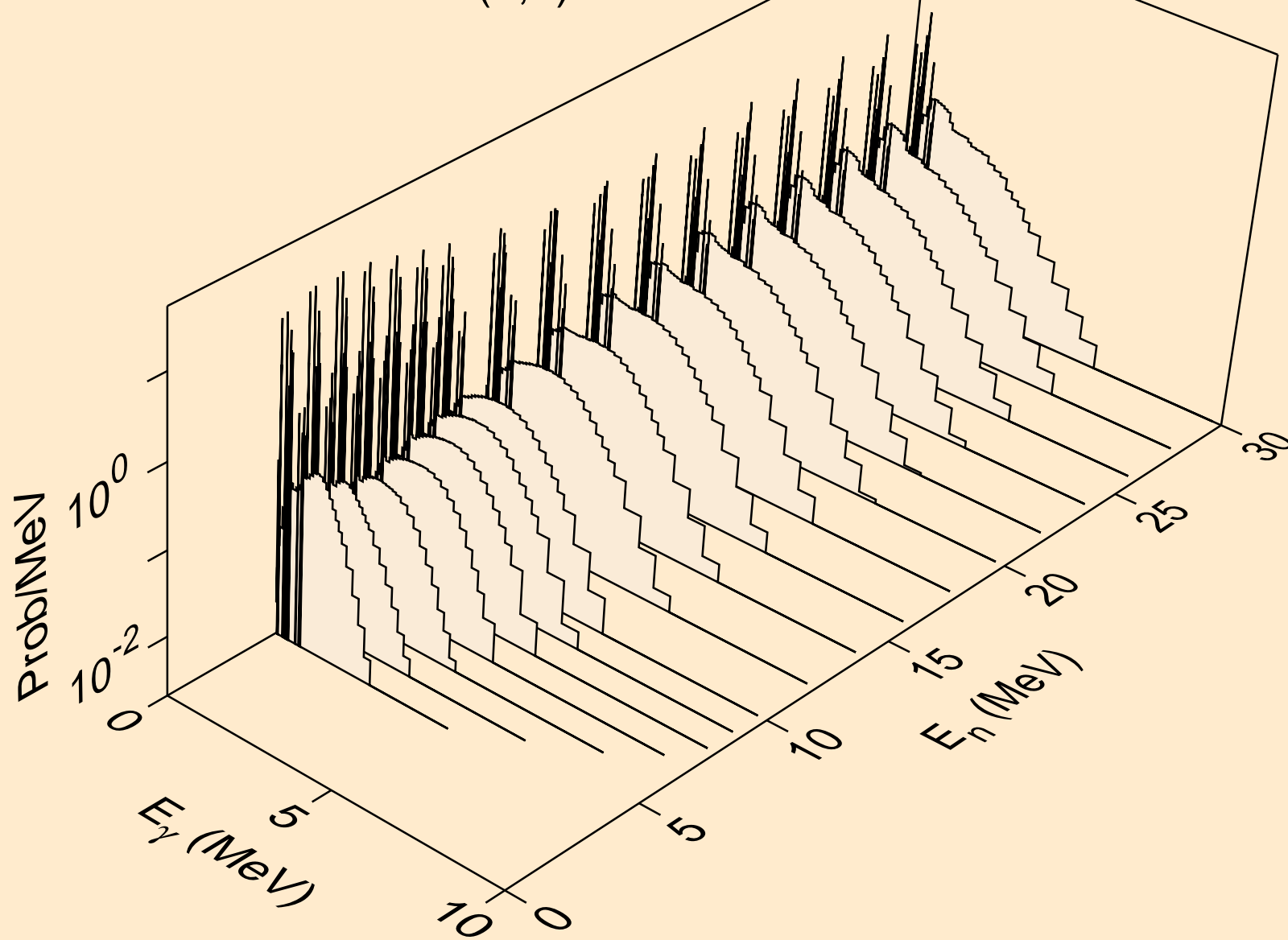
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Photon emission for (n,t)



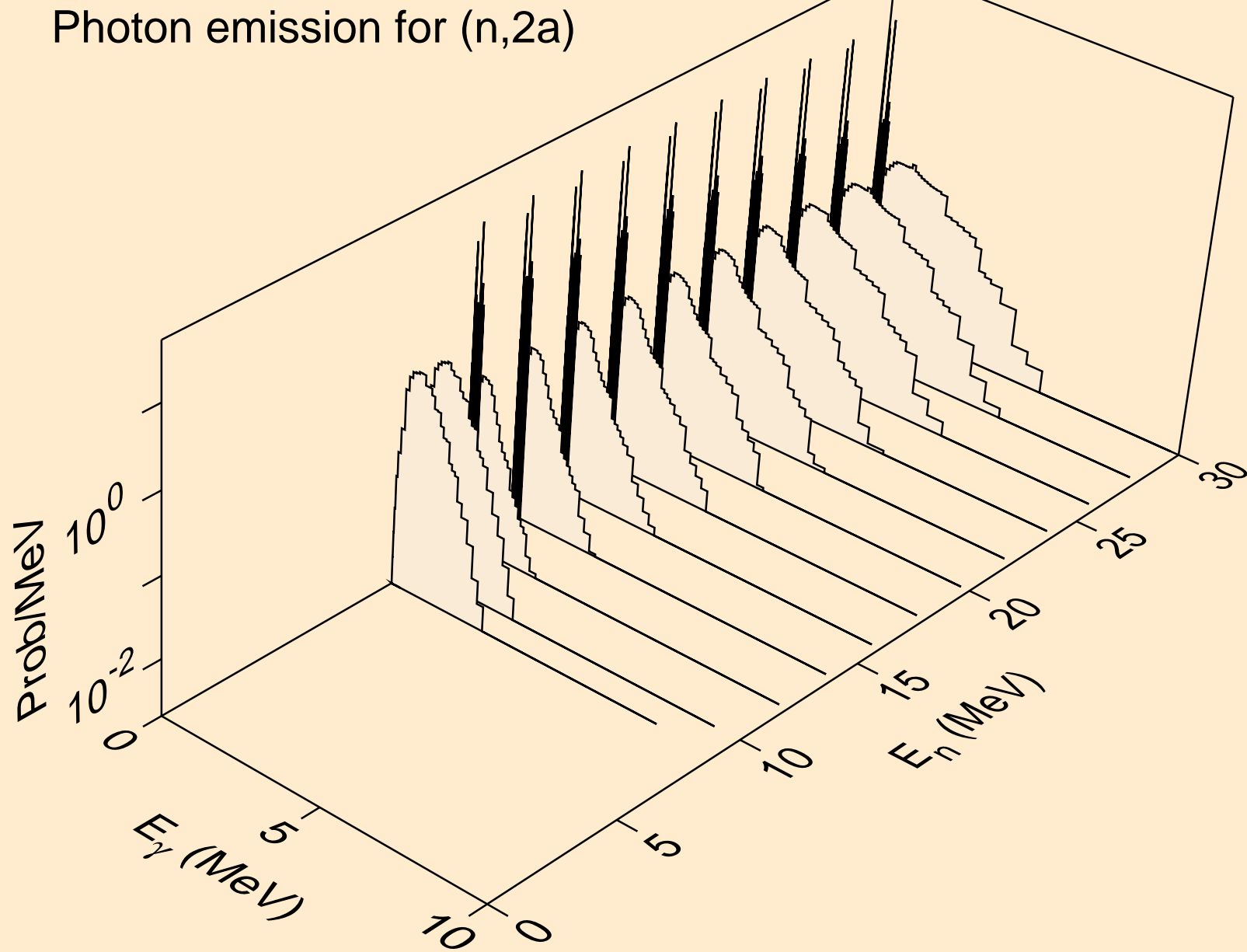
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Photon emission for (n,he3)



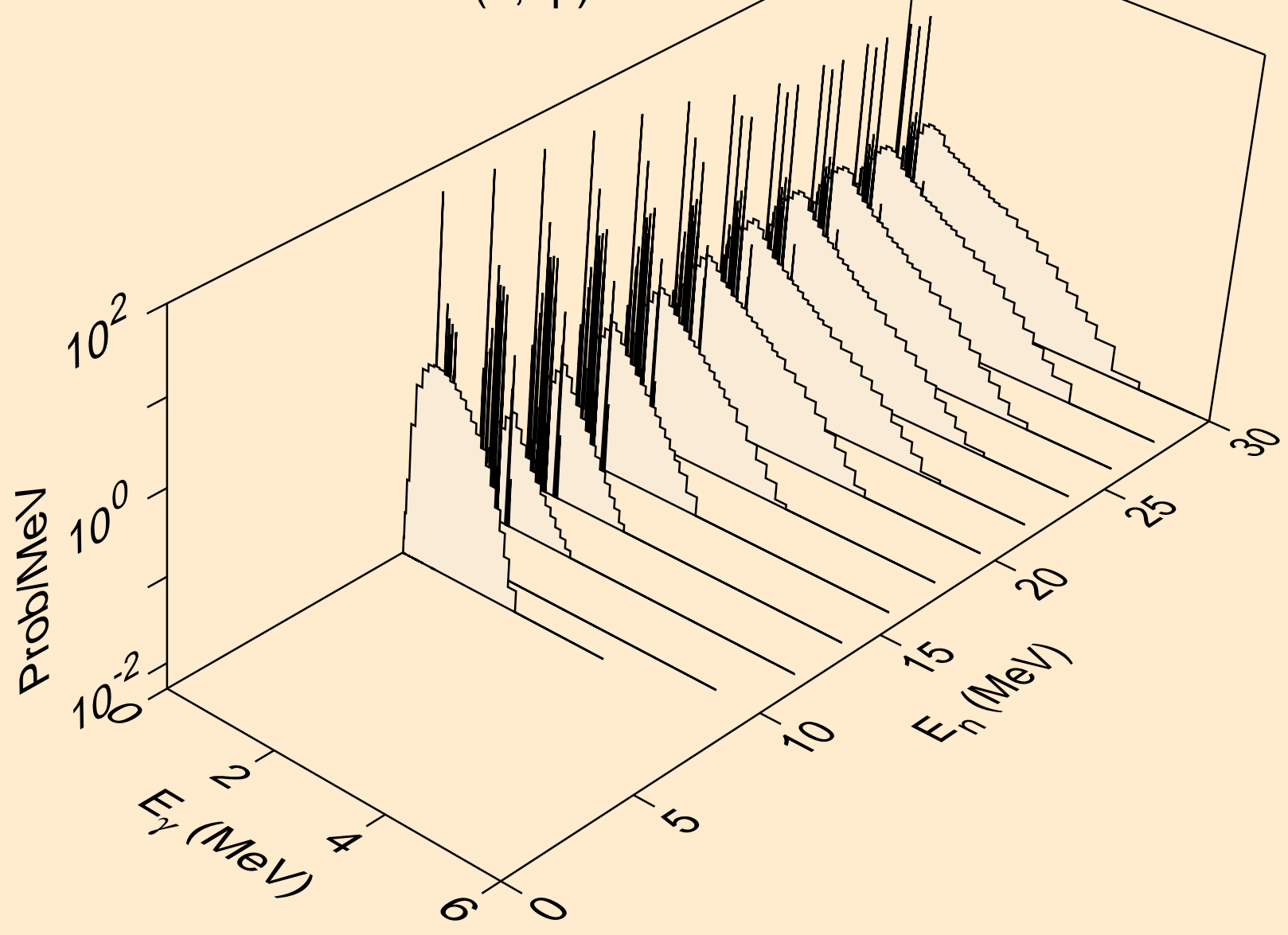
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Photon emission for (n,a)



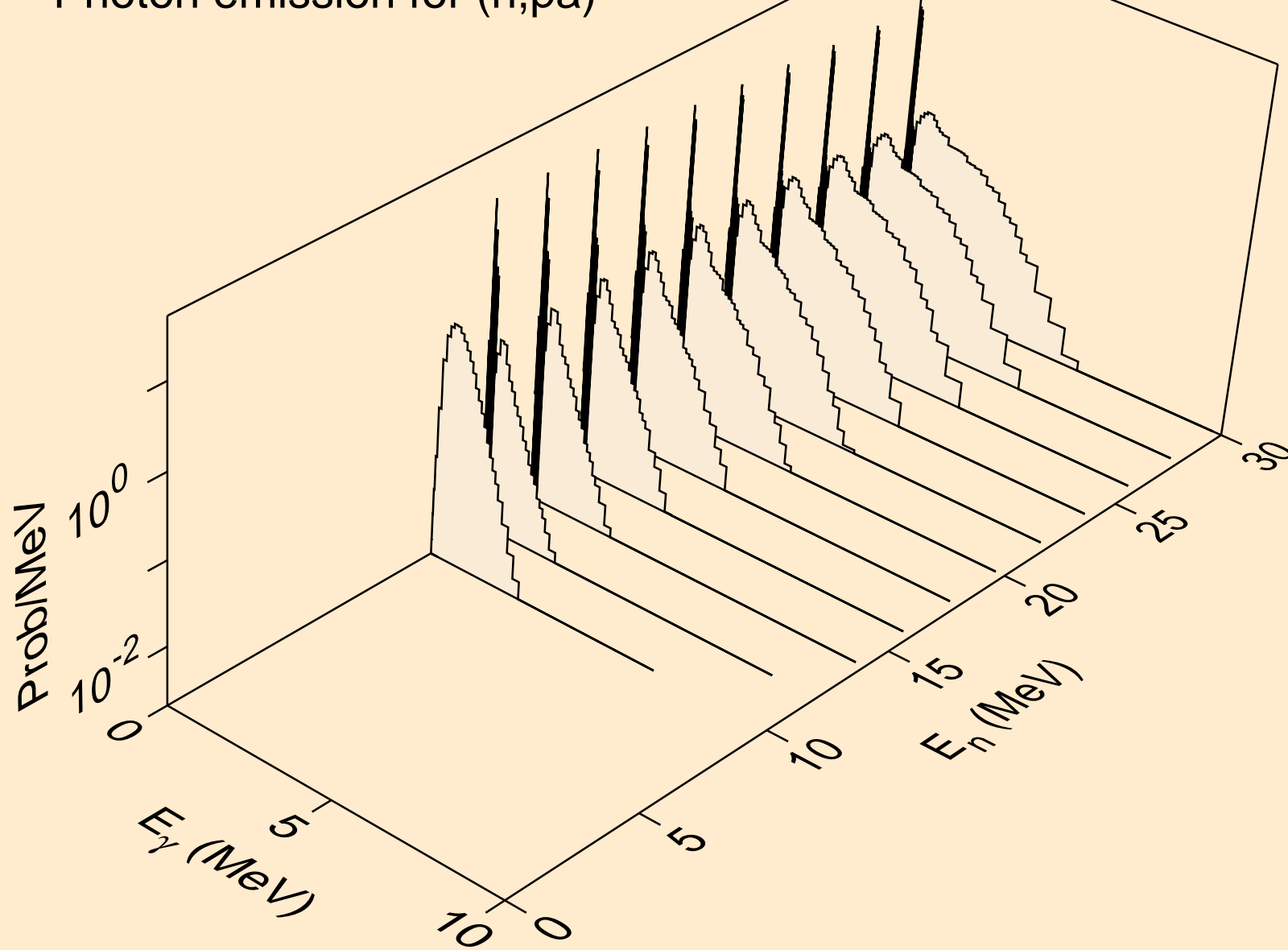
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Photon emission for (n,2a)



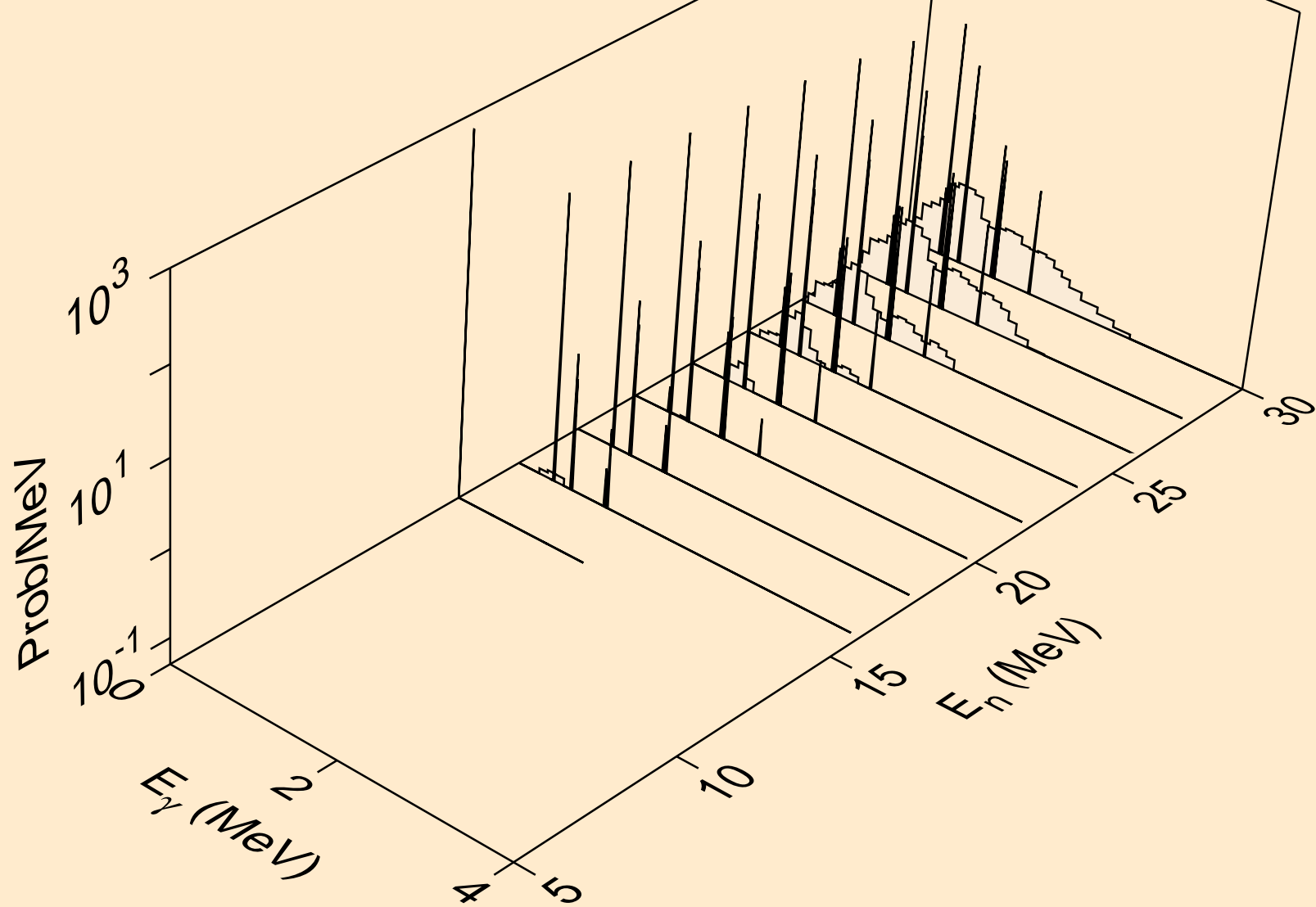
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Photon emission for (n,2p)



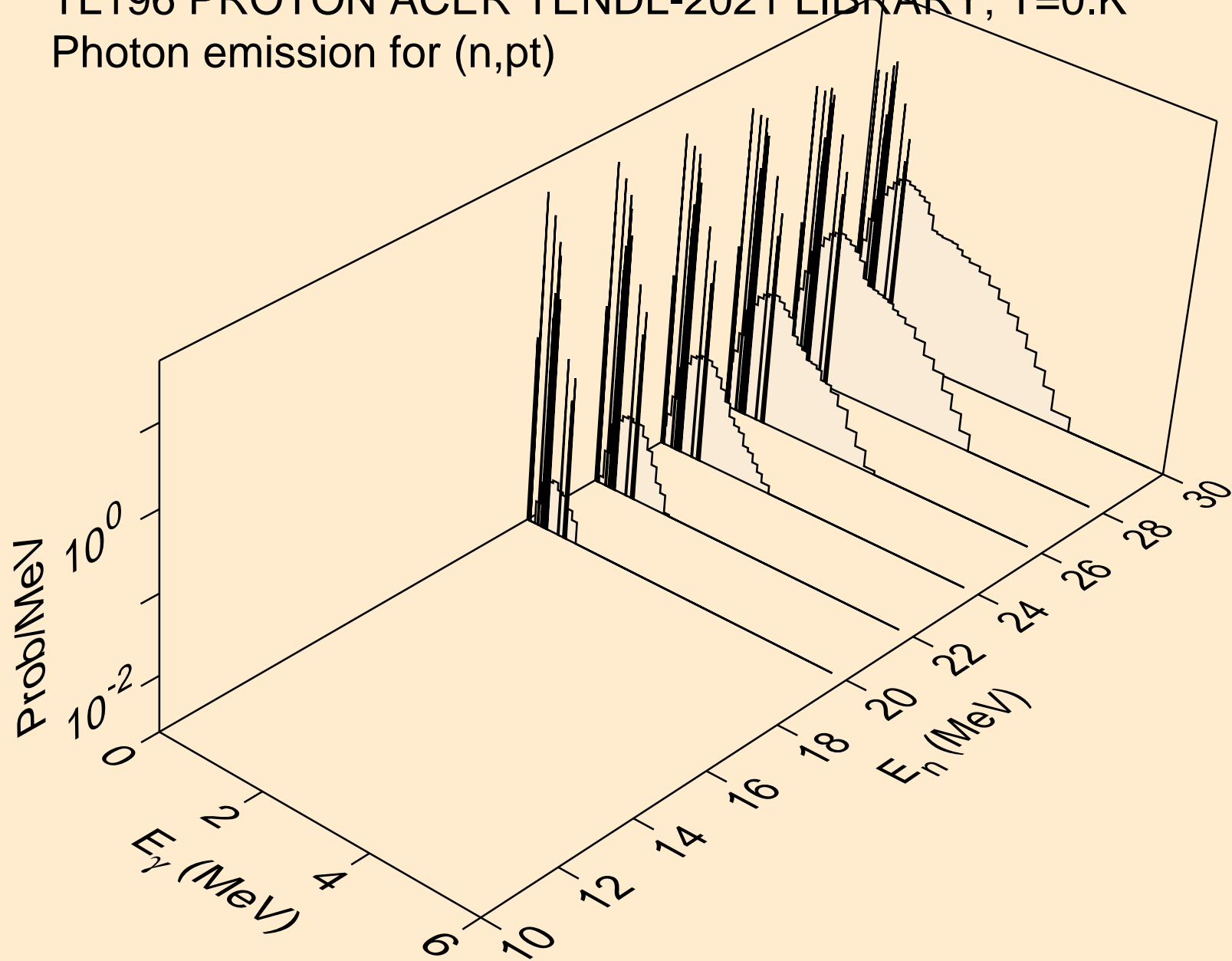
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

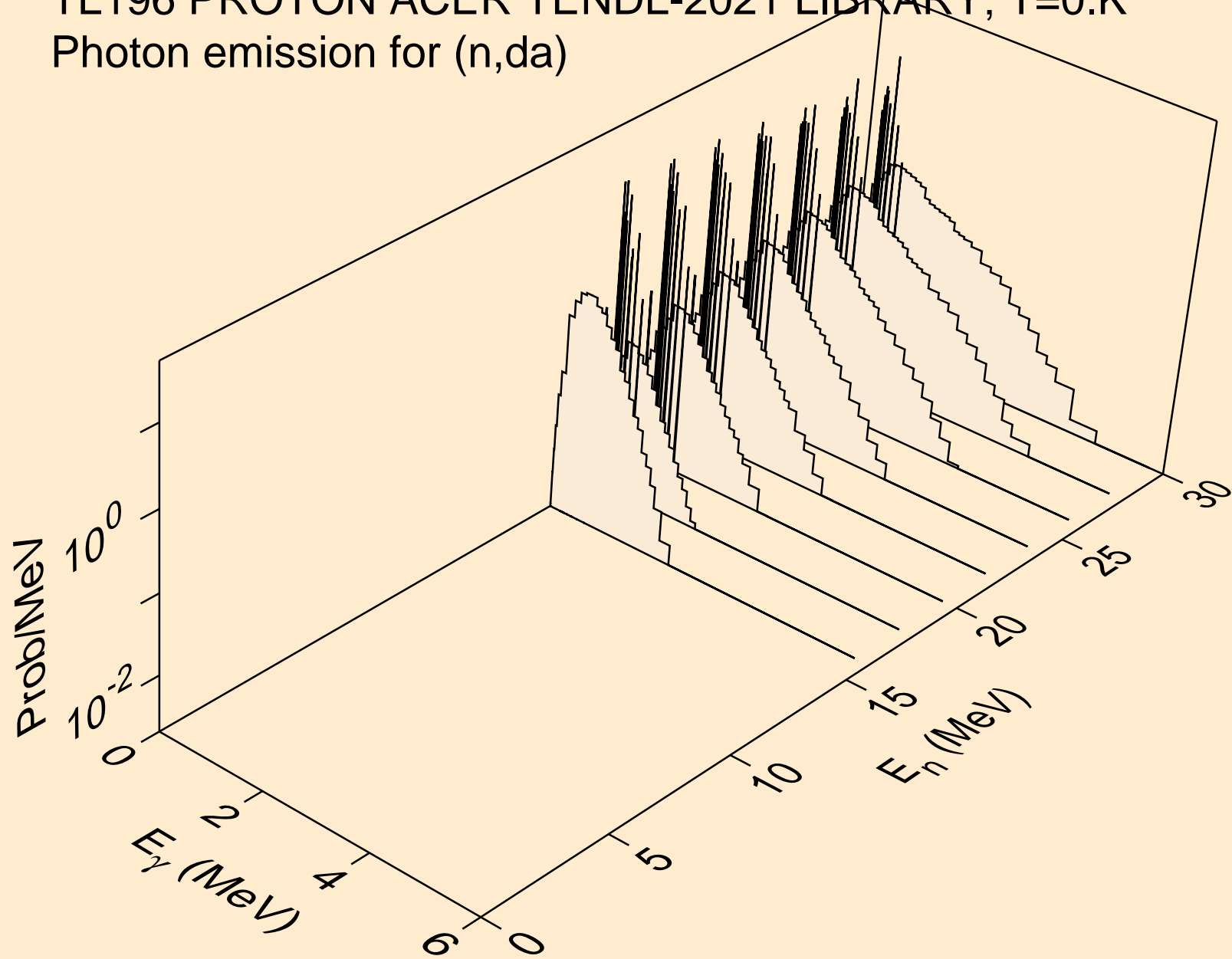


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Photon emission for (n,pt)



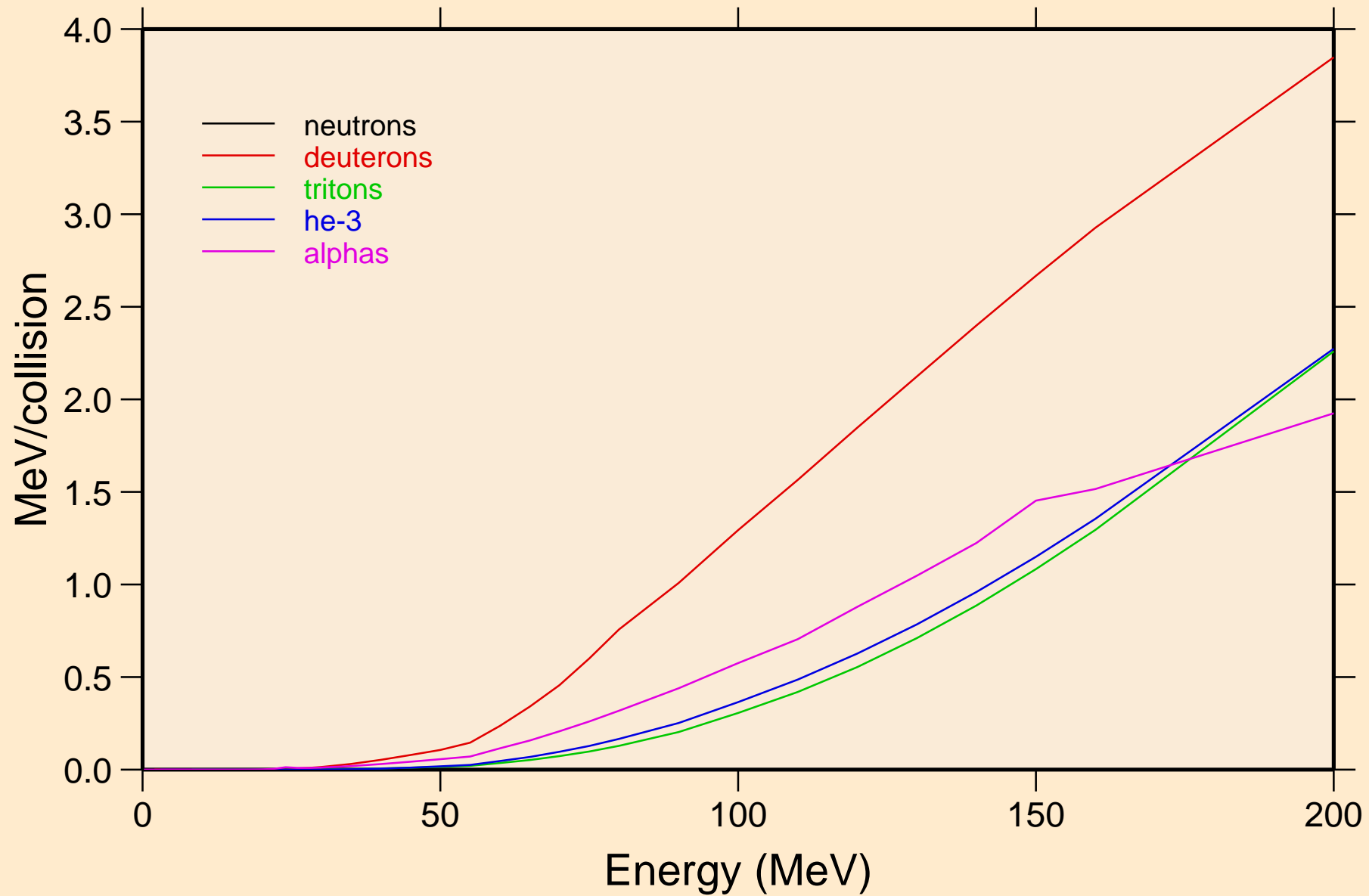


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Photon emission for (n,da)

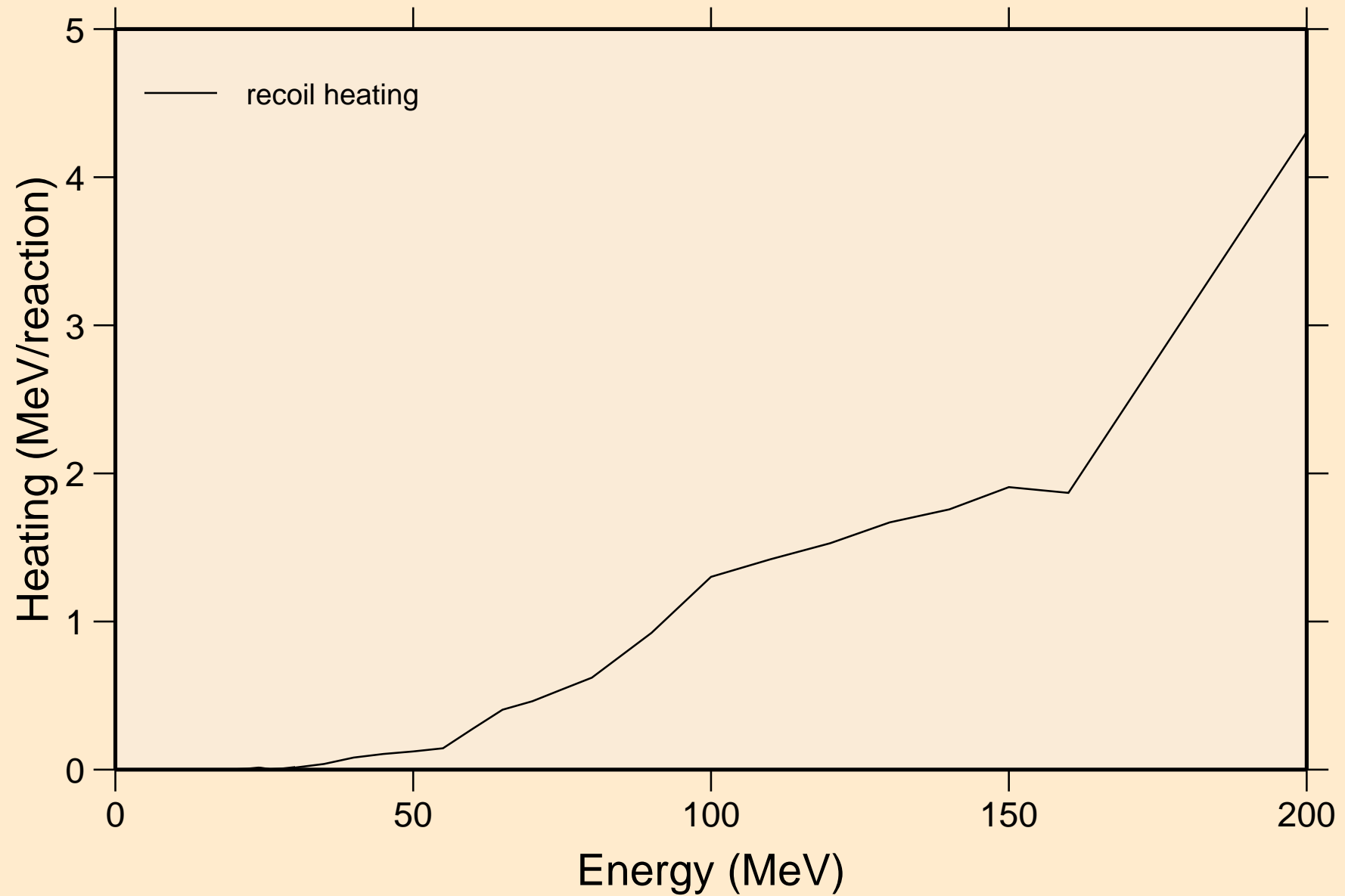


# TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K

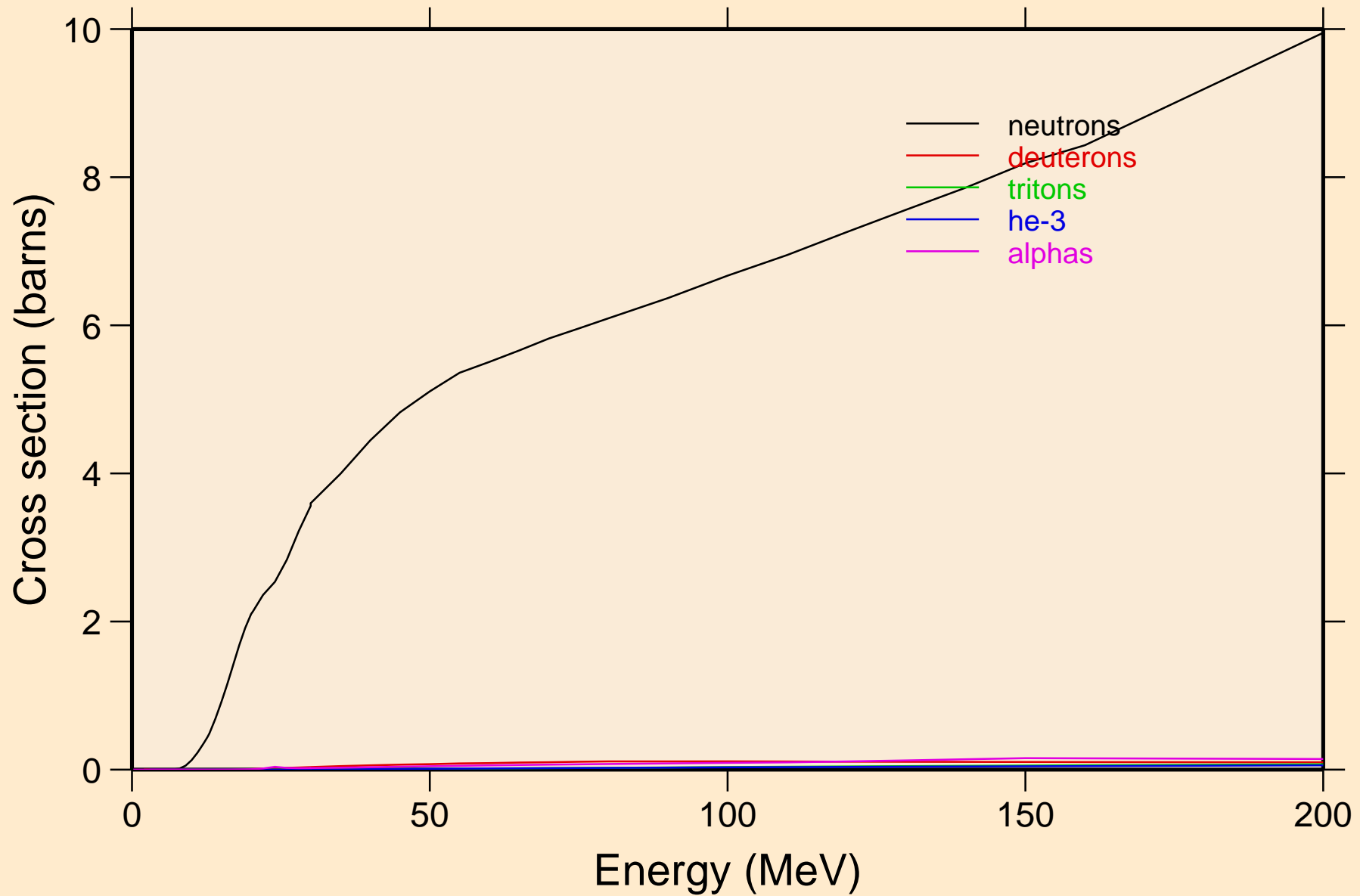
## Particle heating contributions



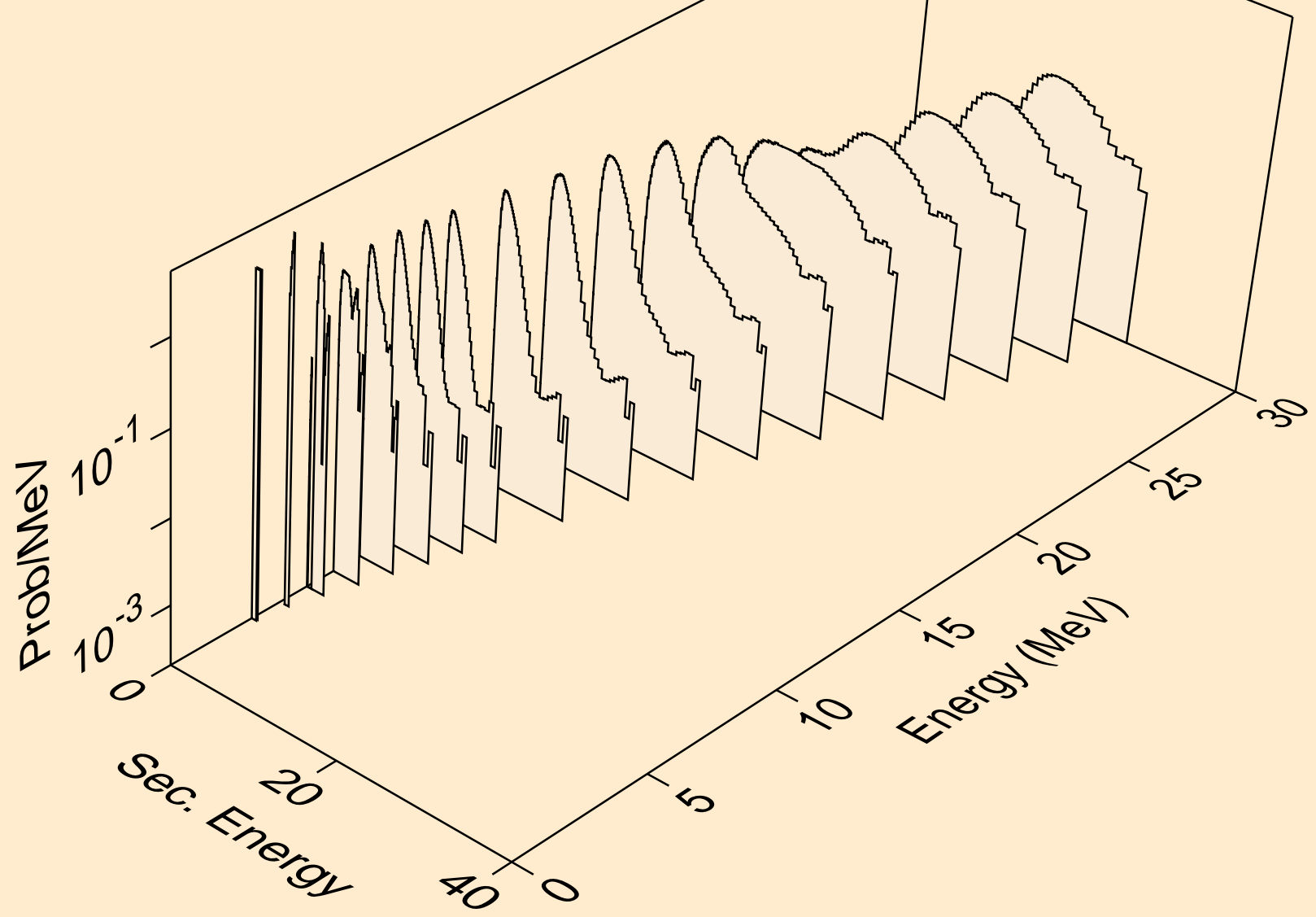
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



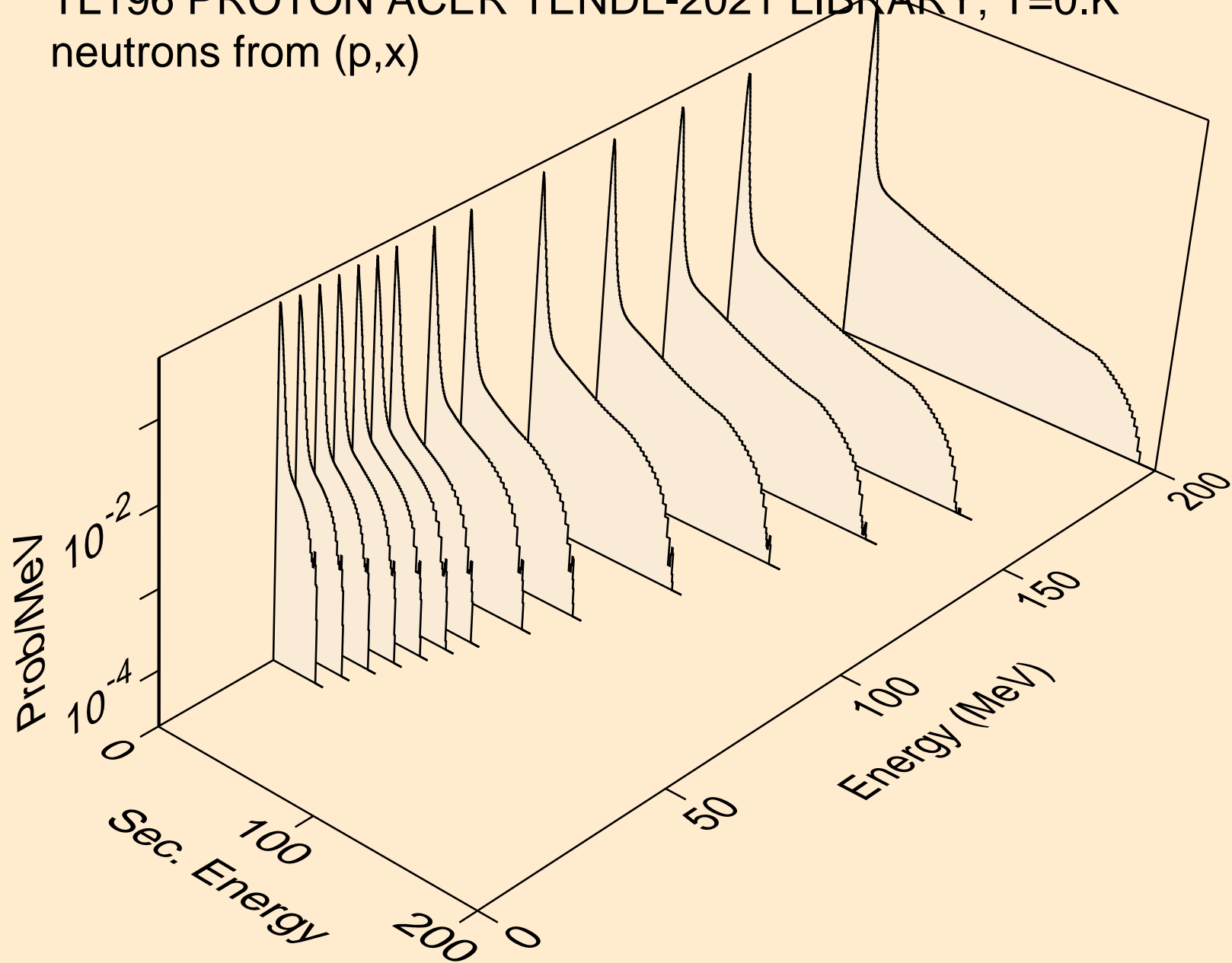
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



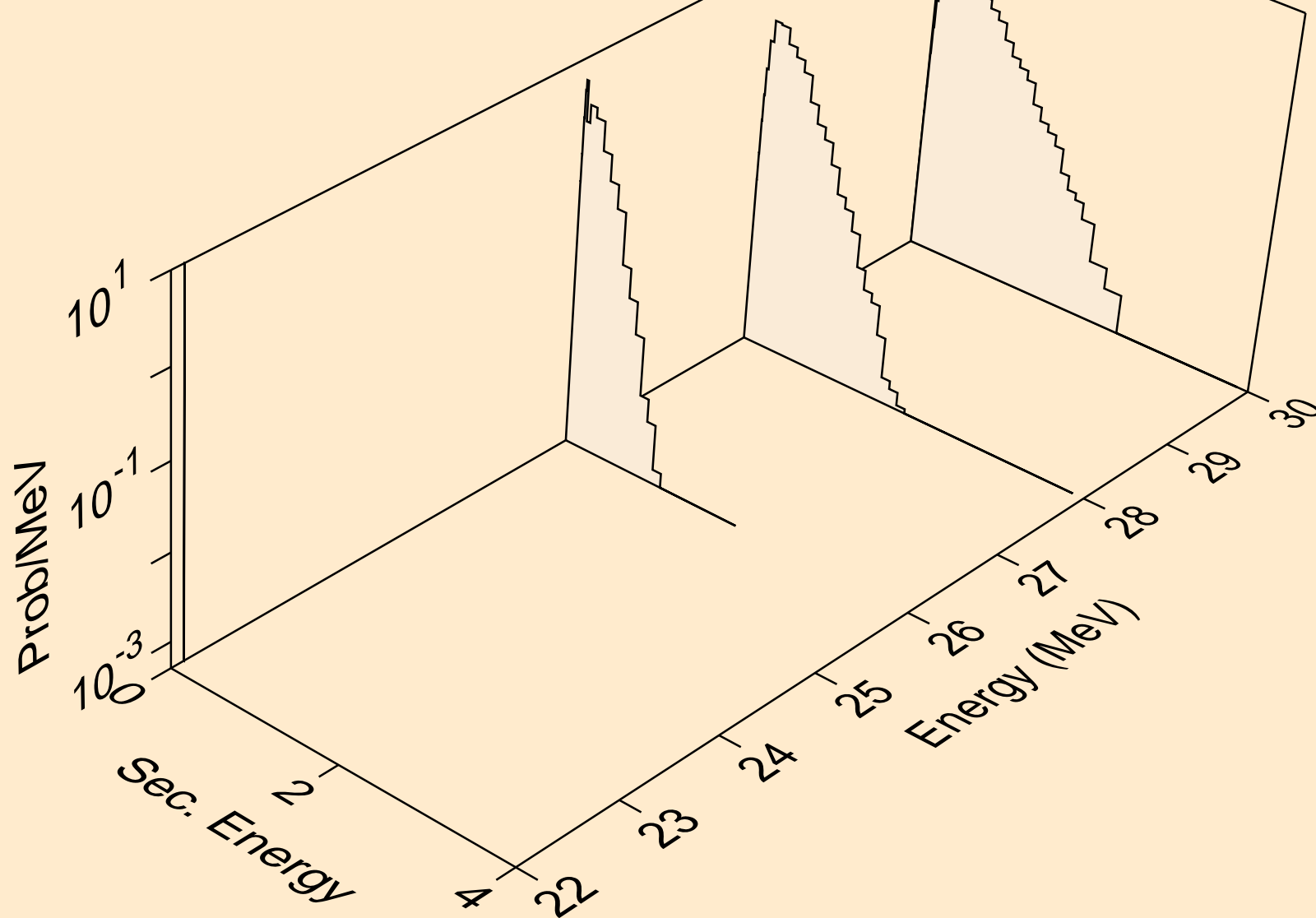
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



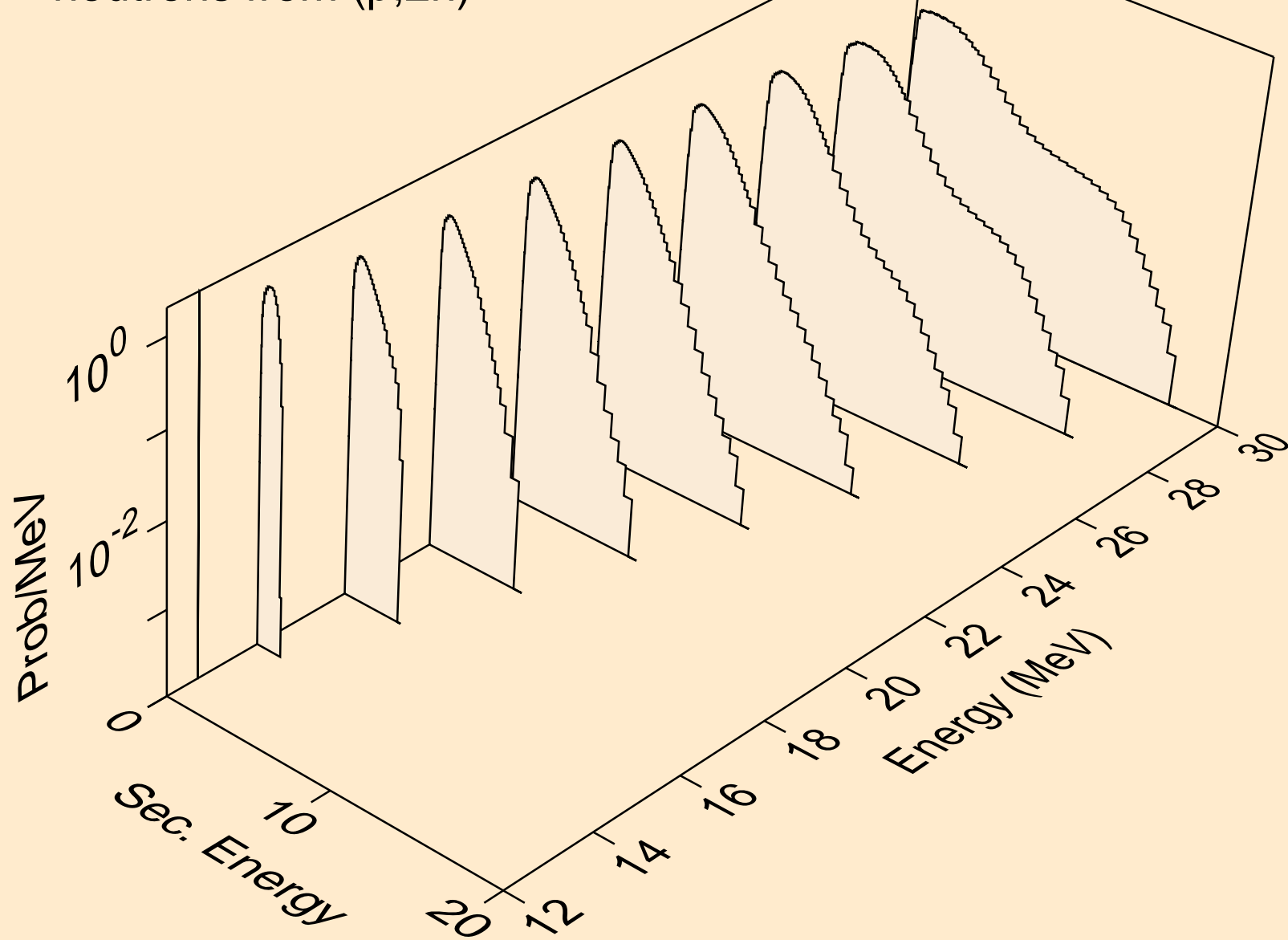
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

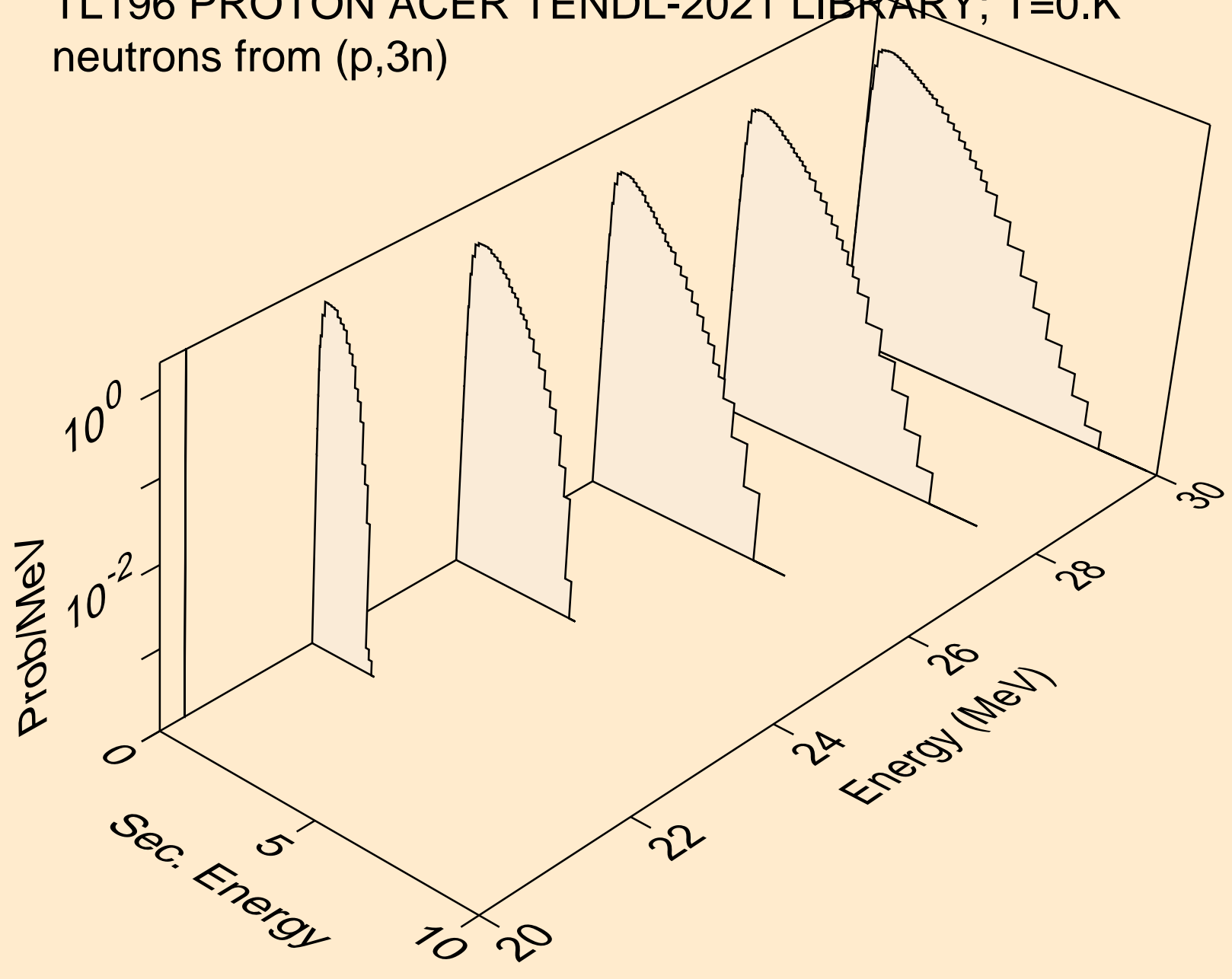


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neutrons from (p,2n)

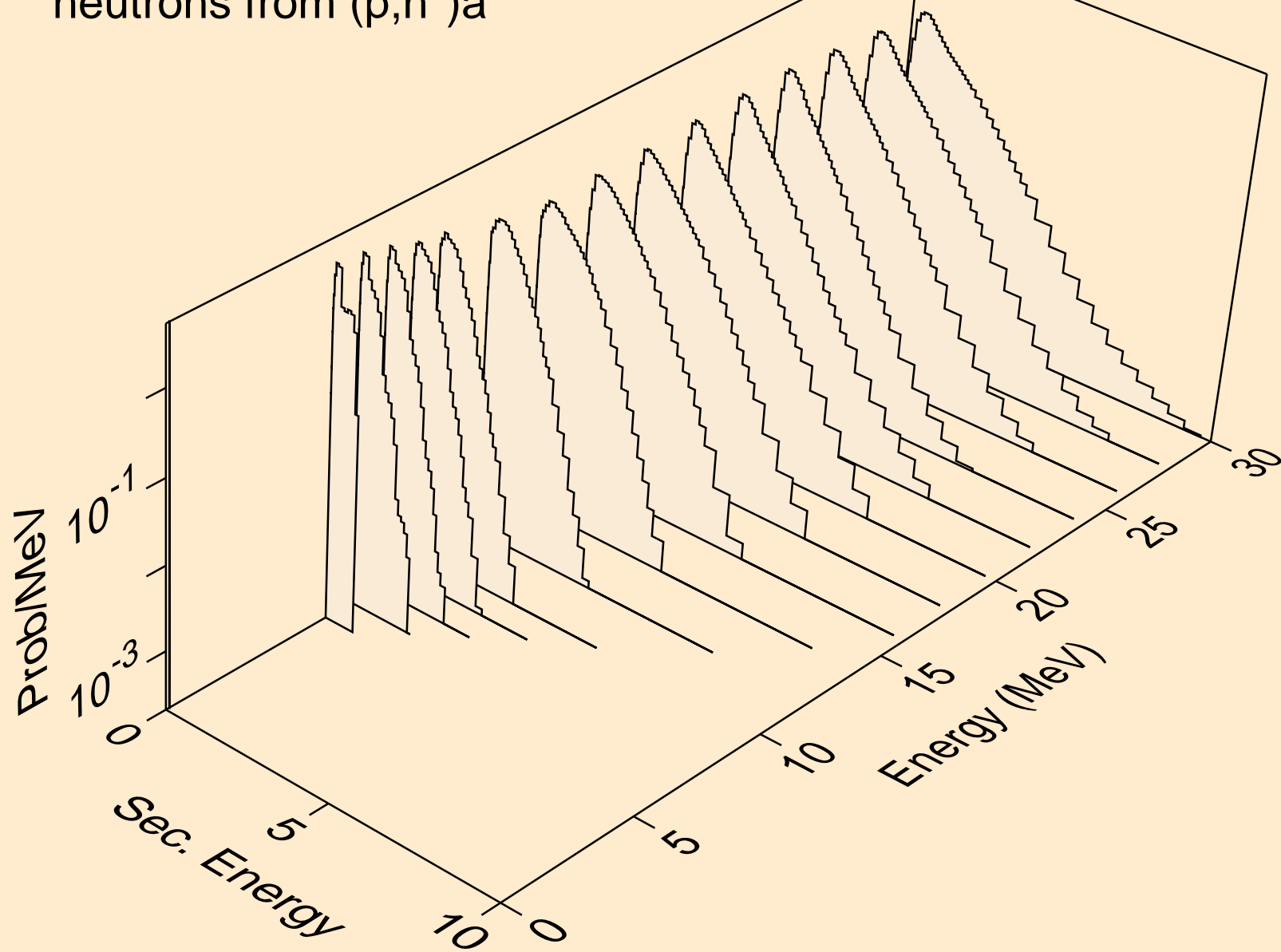




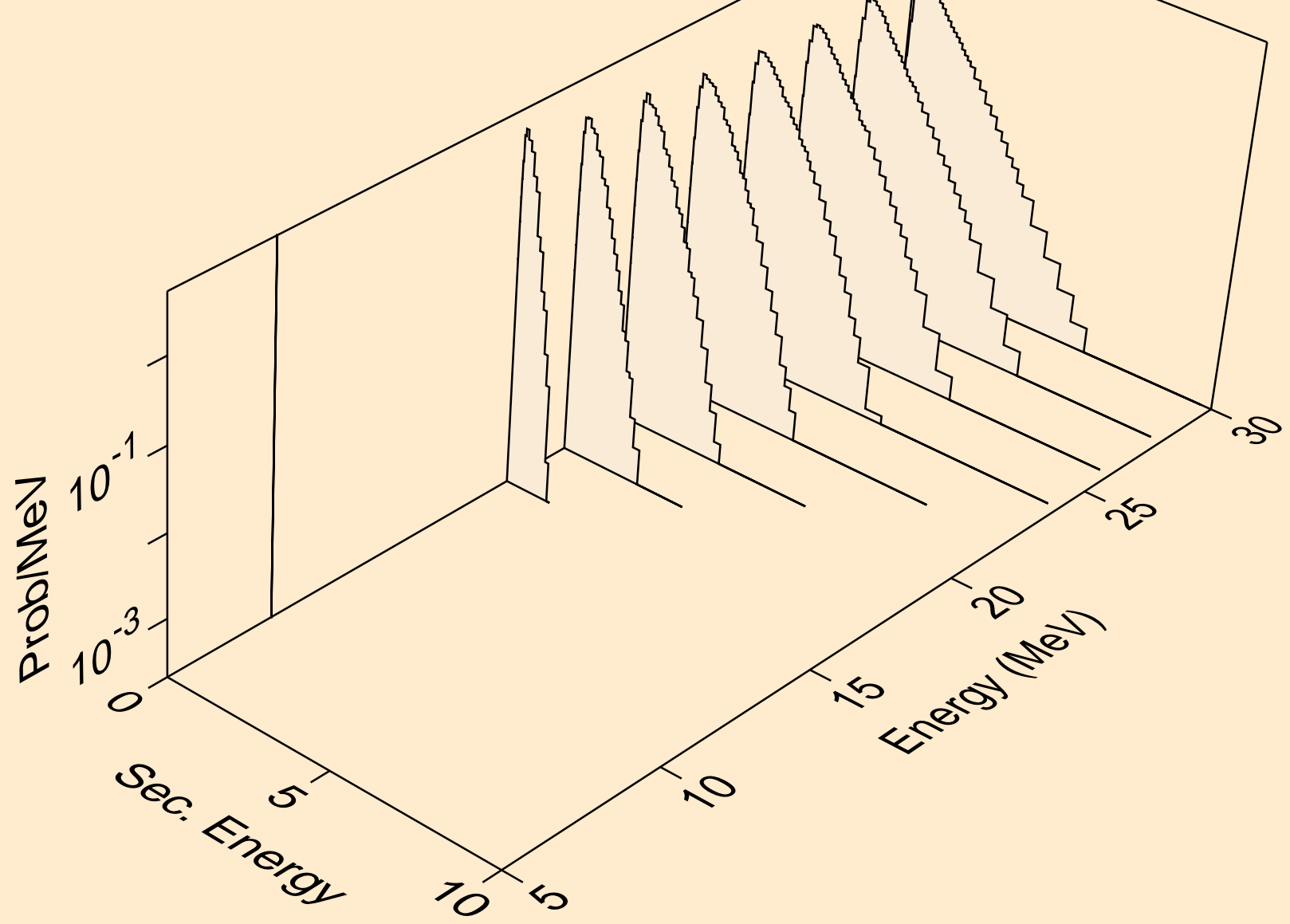
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



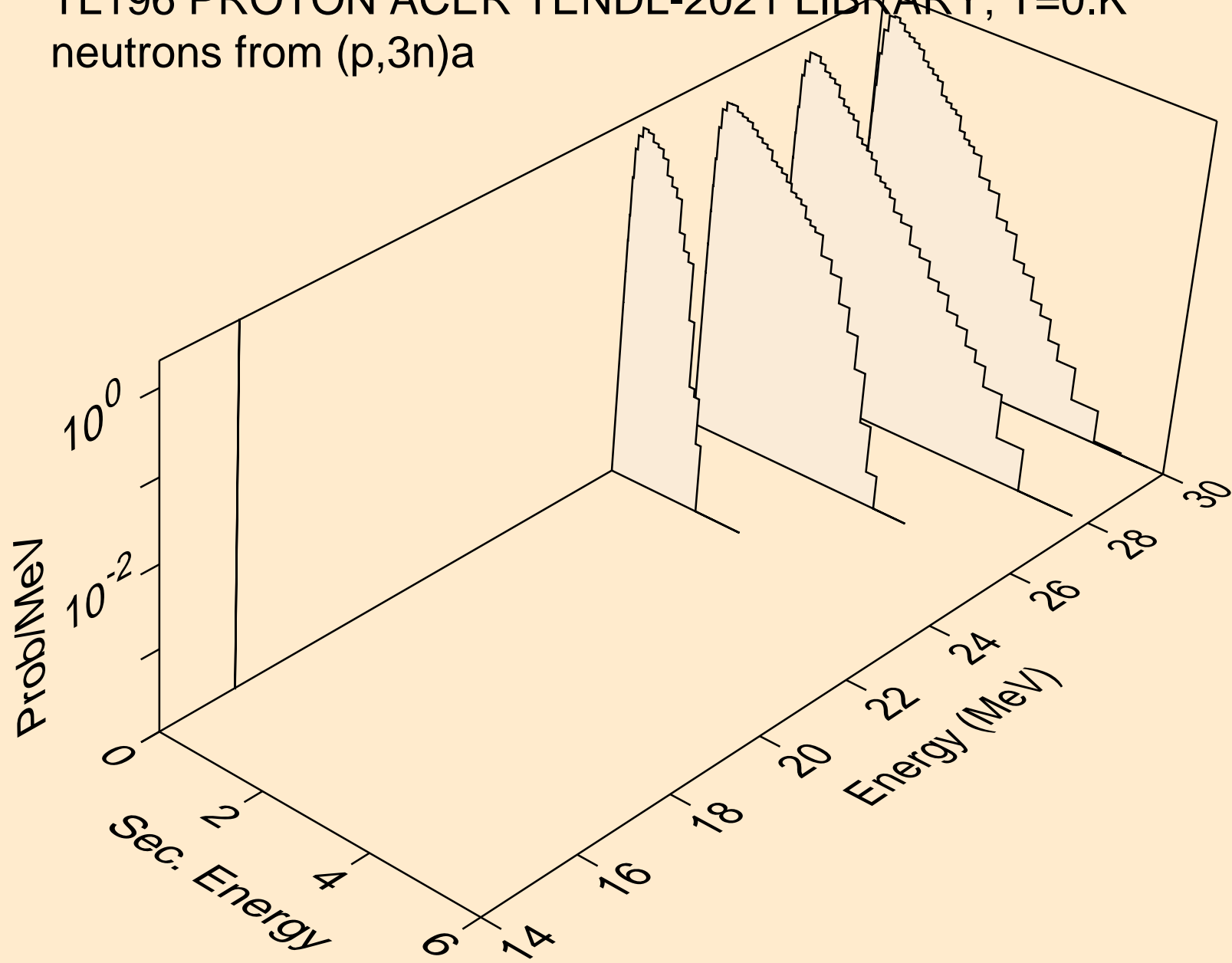
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



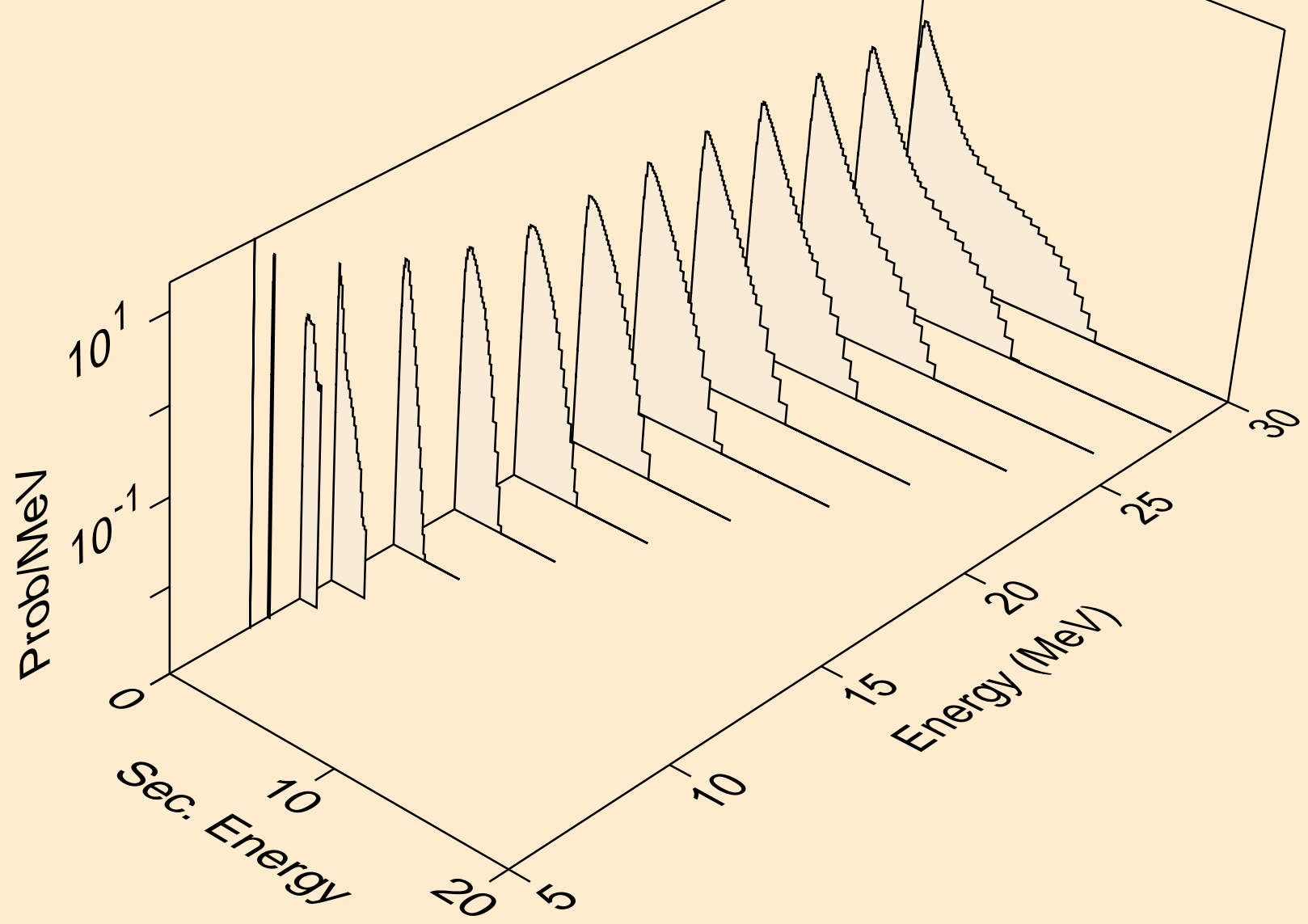
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neutrons from (p,2n)a



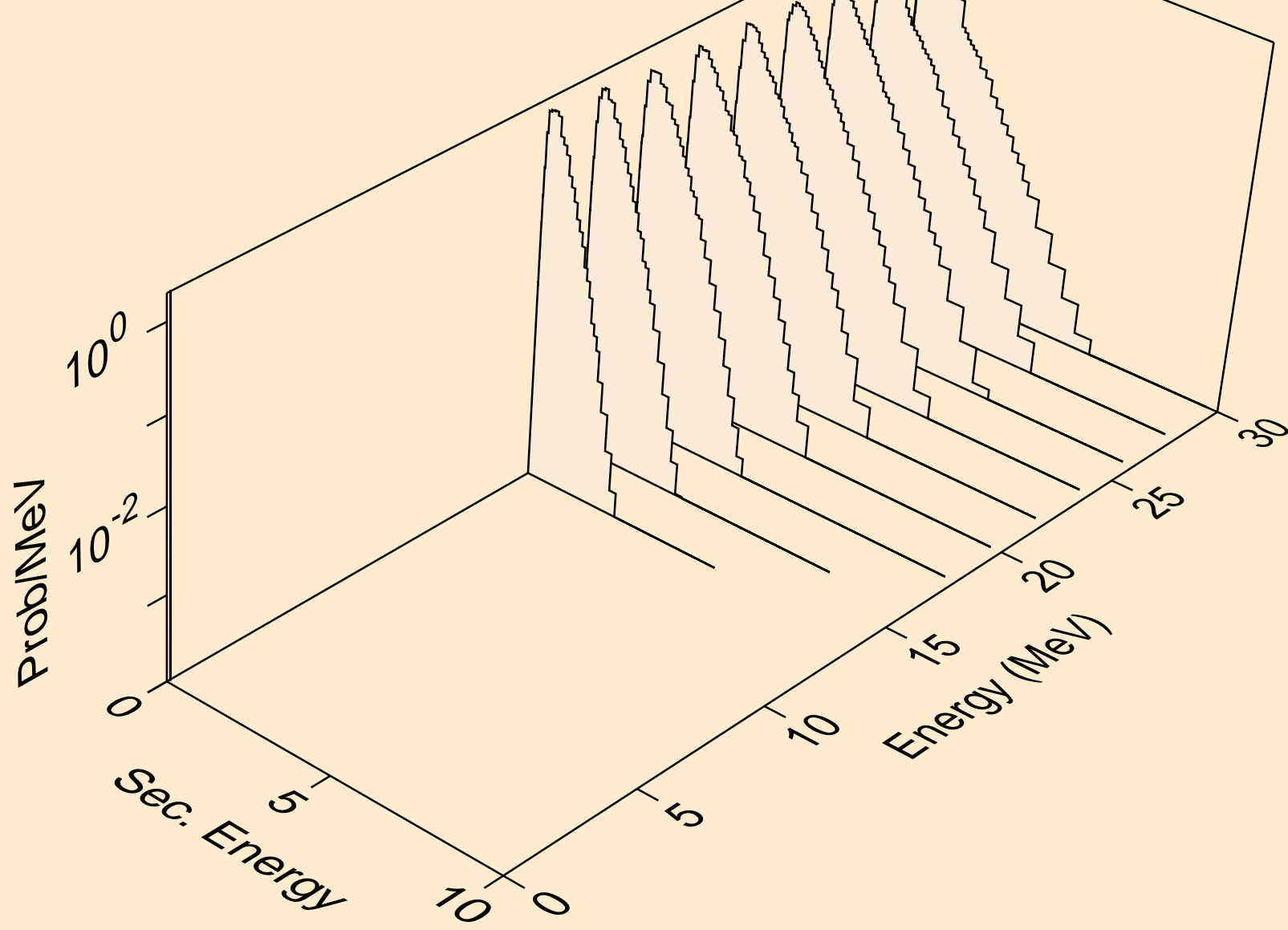
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neutrons from (p,3n)a



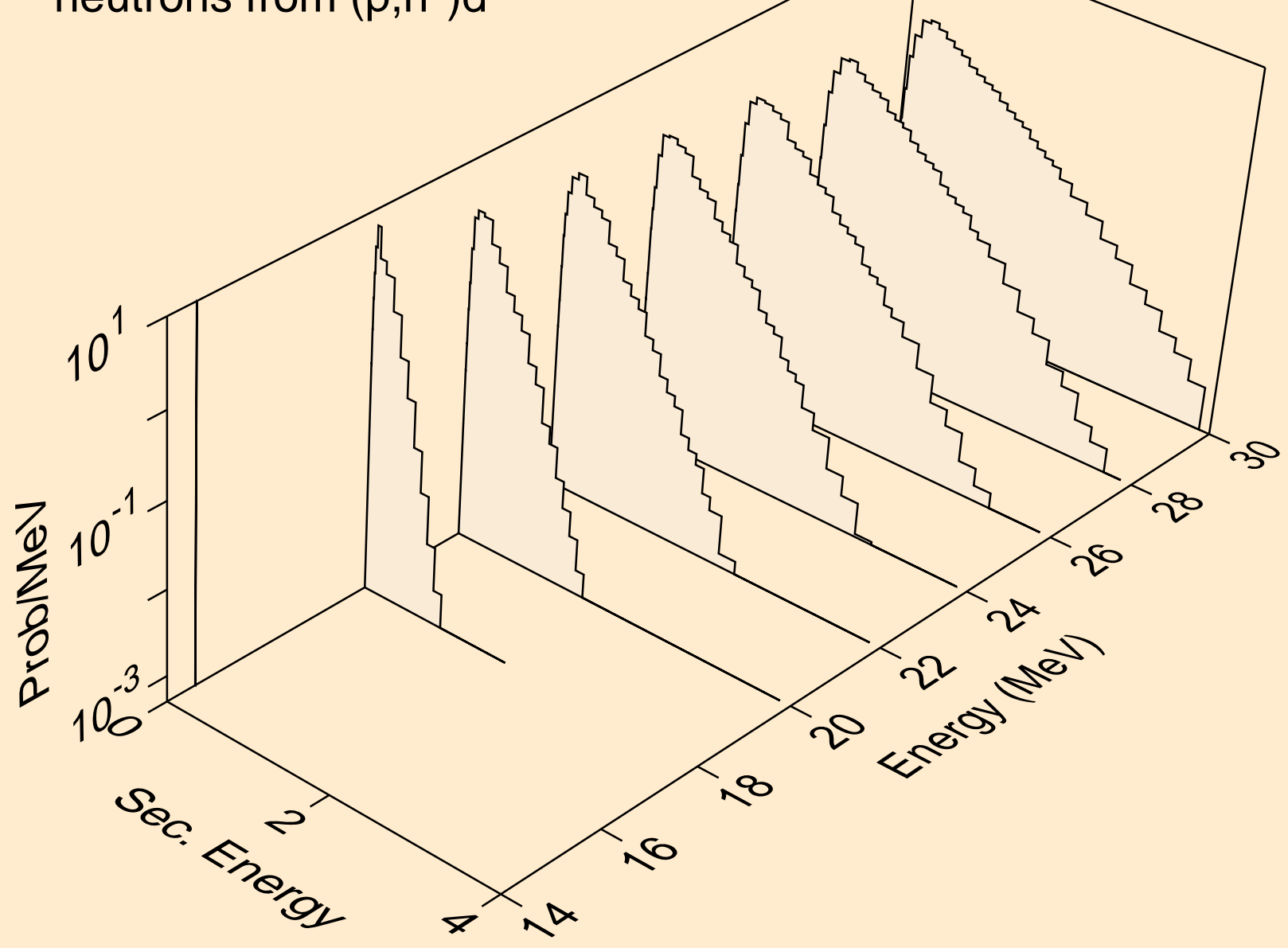
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neutrons from (p,n\*)p



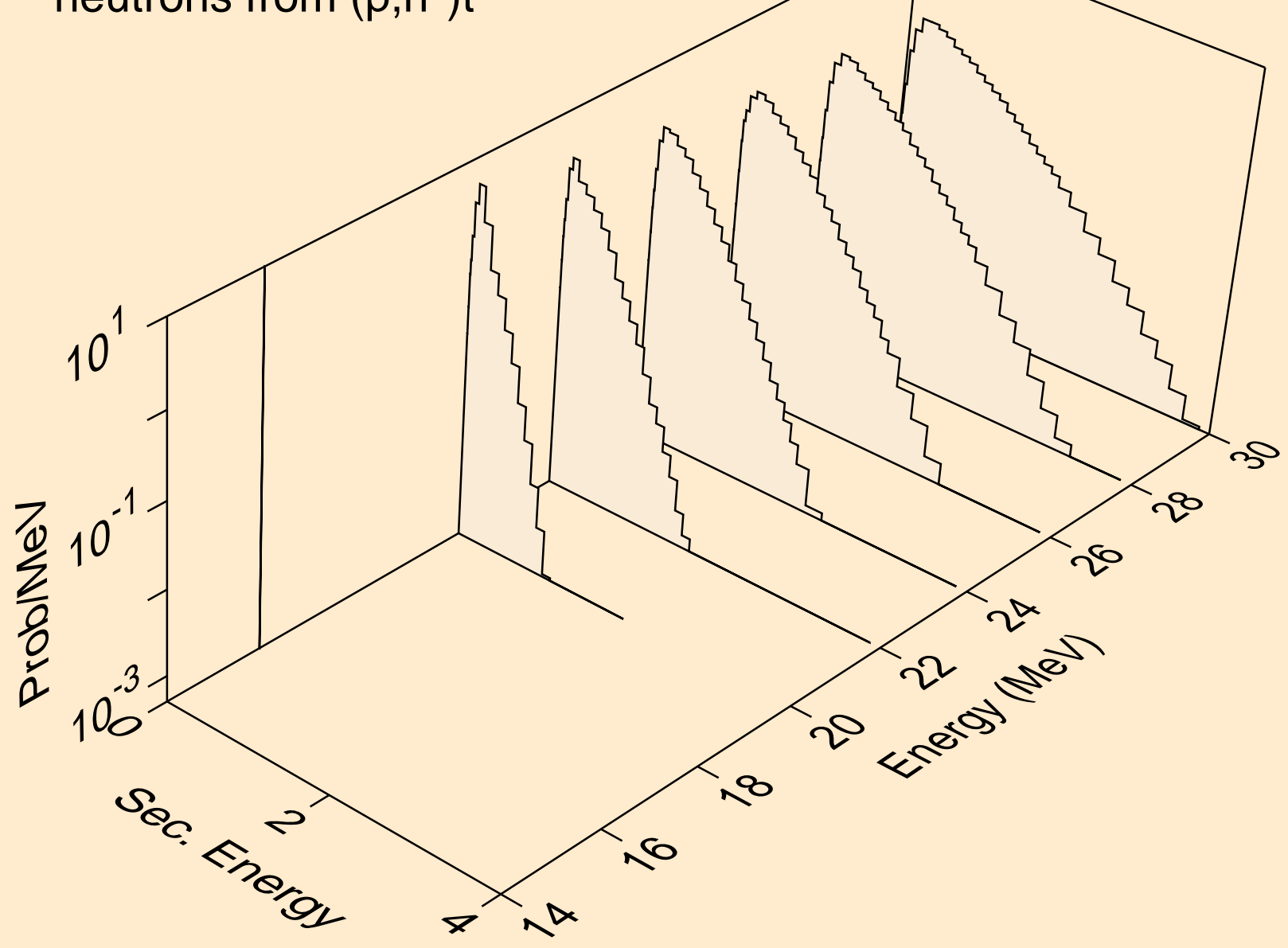
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neutrons from (p,n\*)2a



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

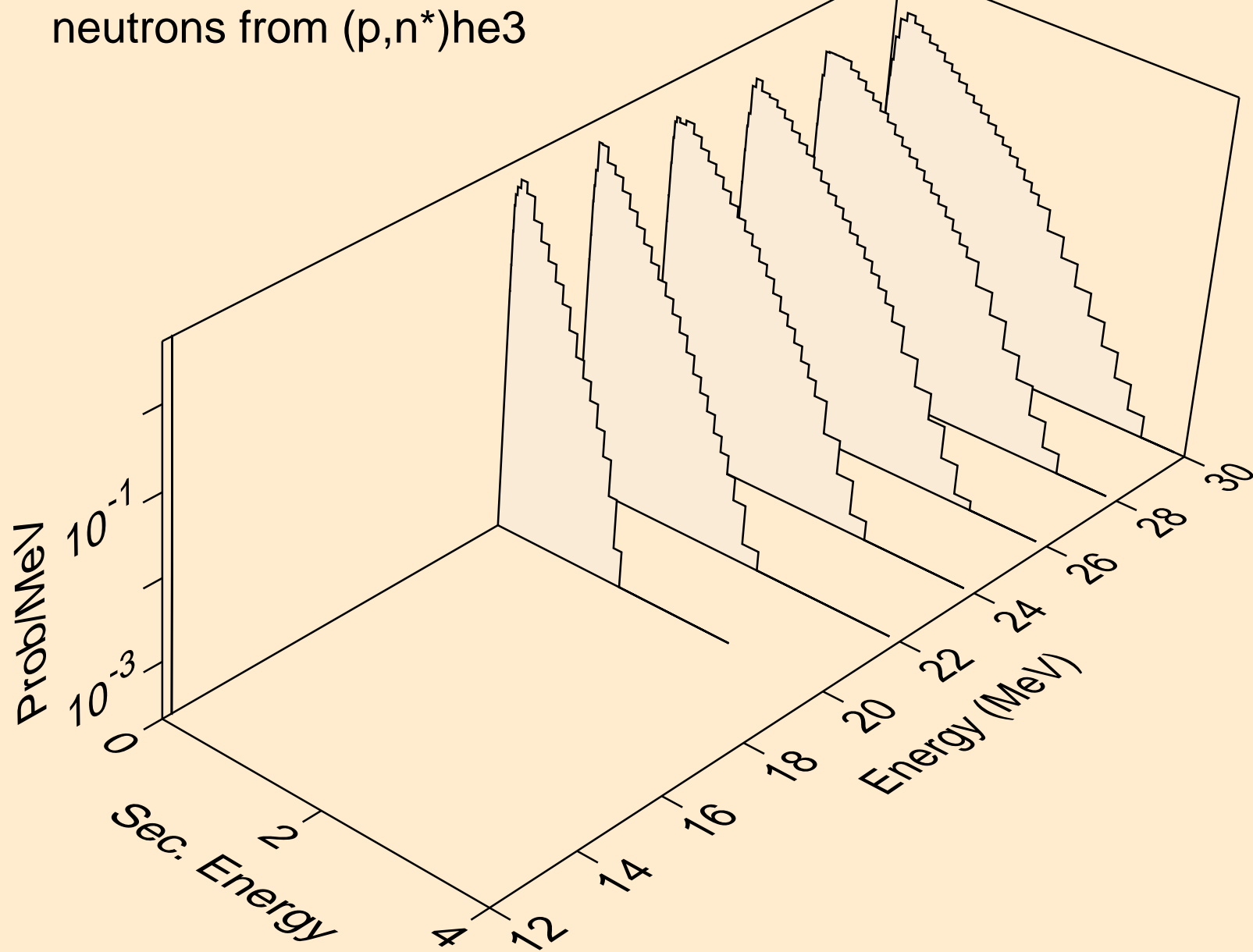


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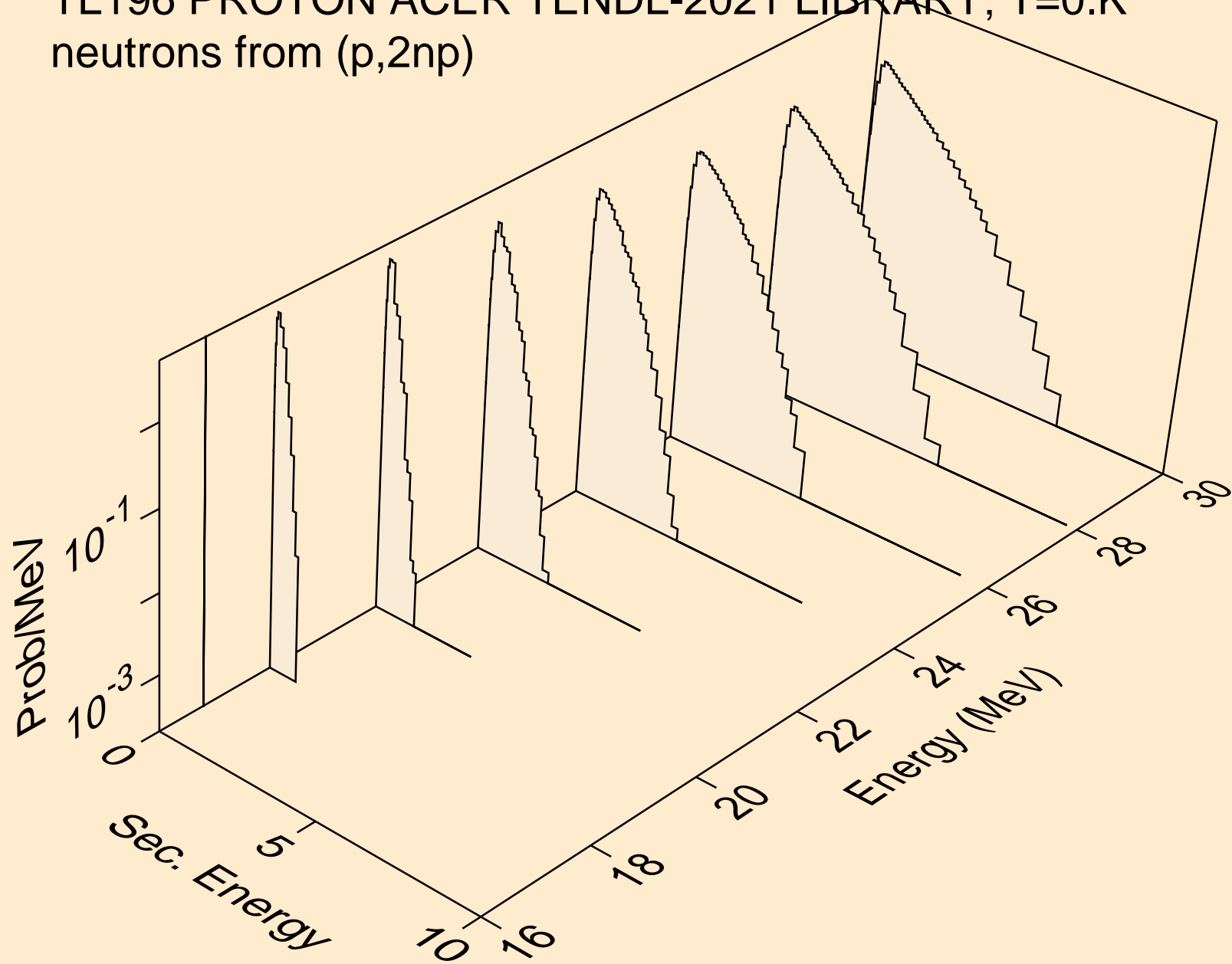




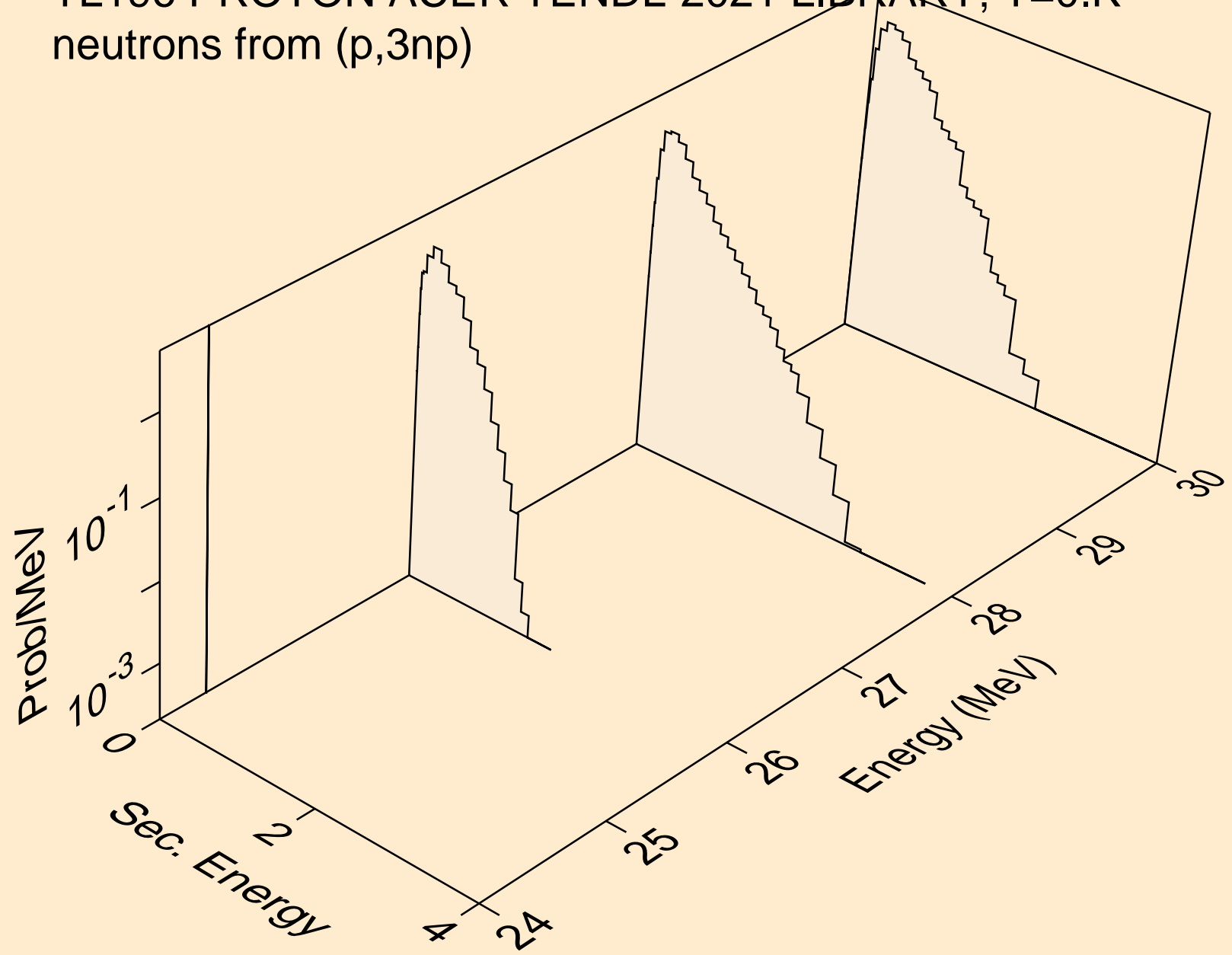
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neutrons from (p,n\*)he3



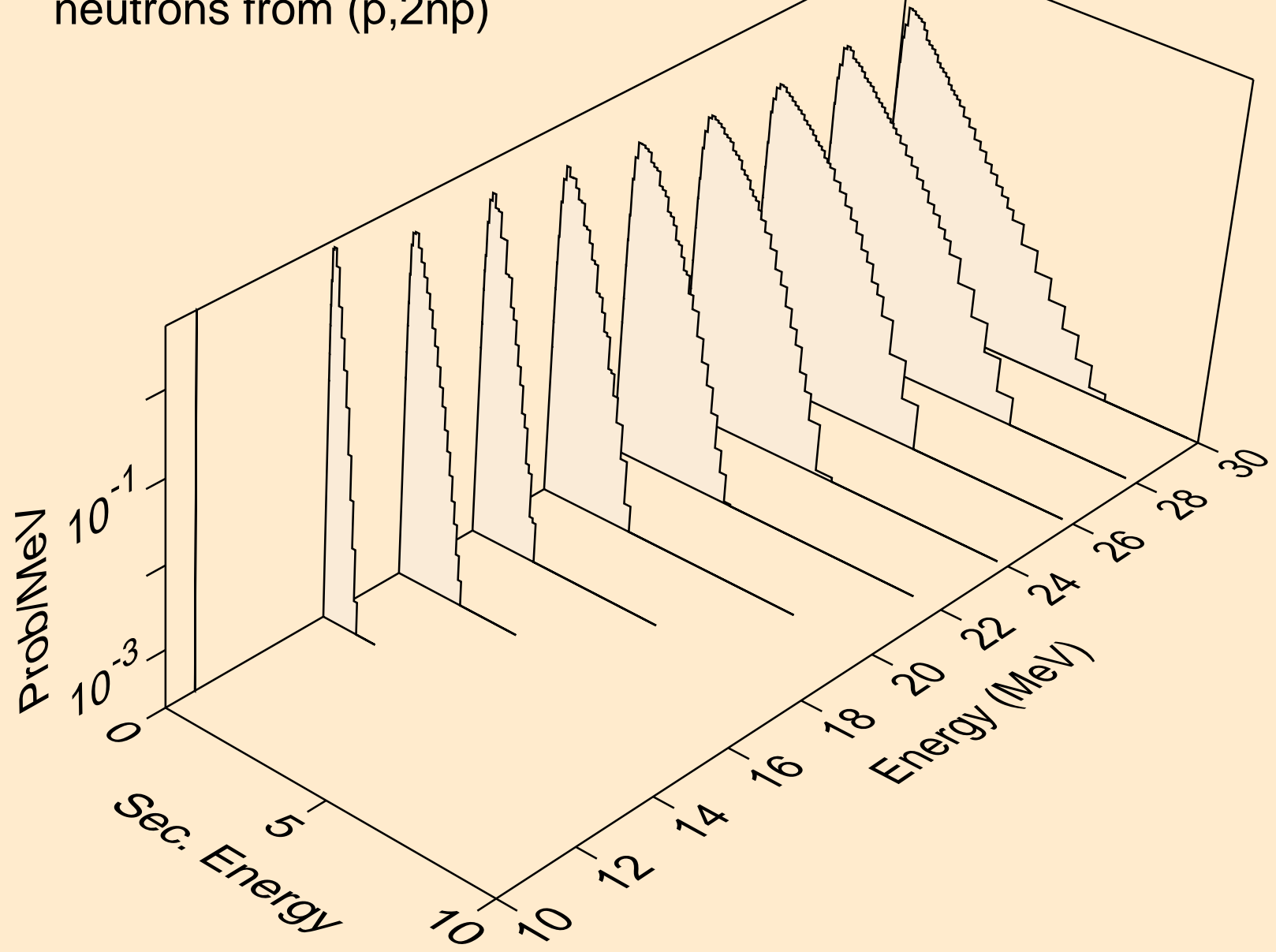
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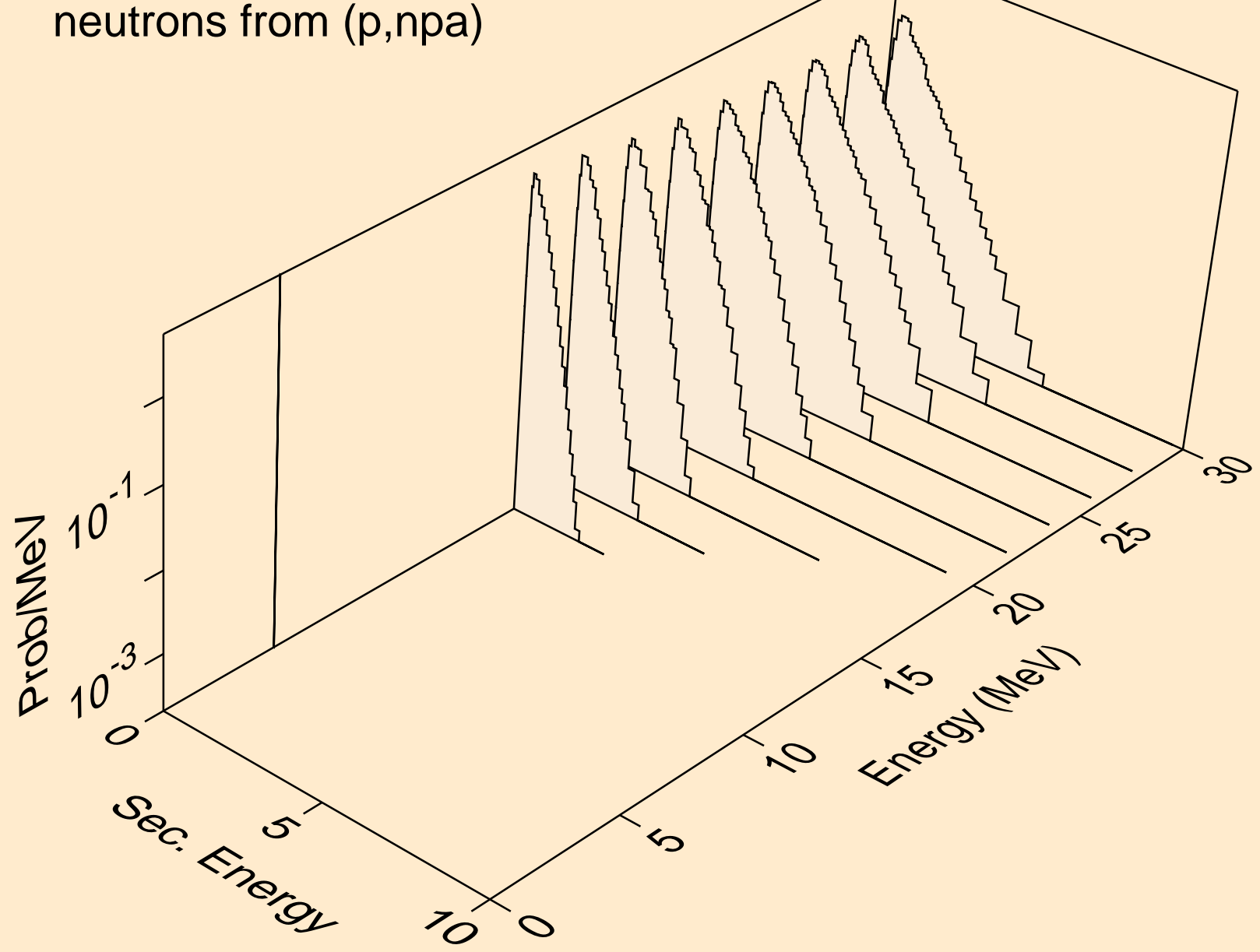
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



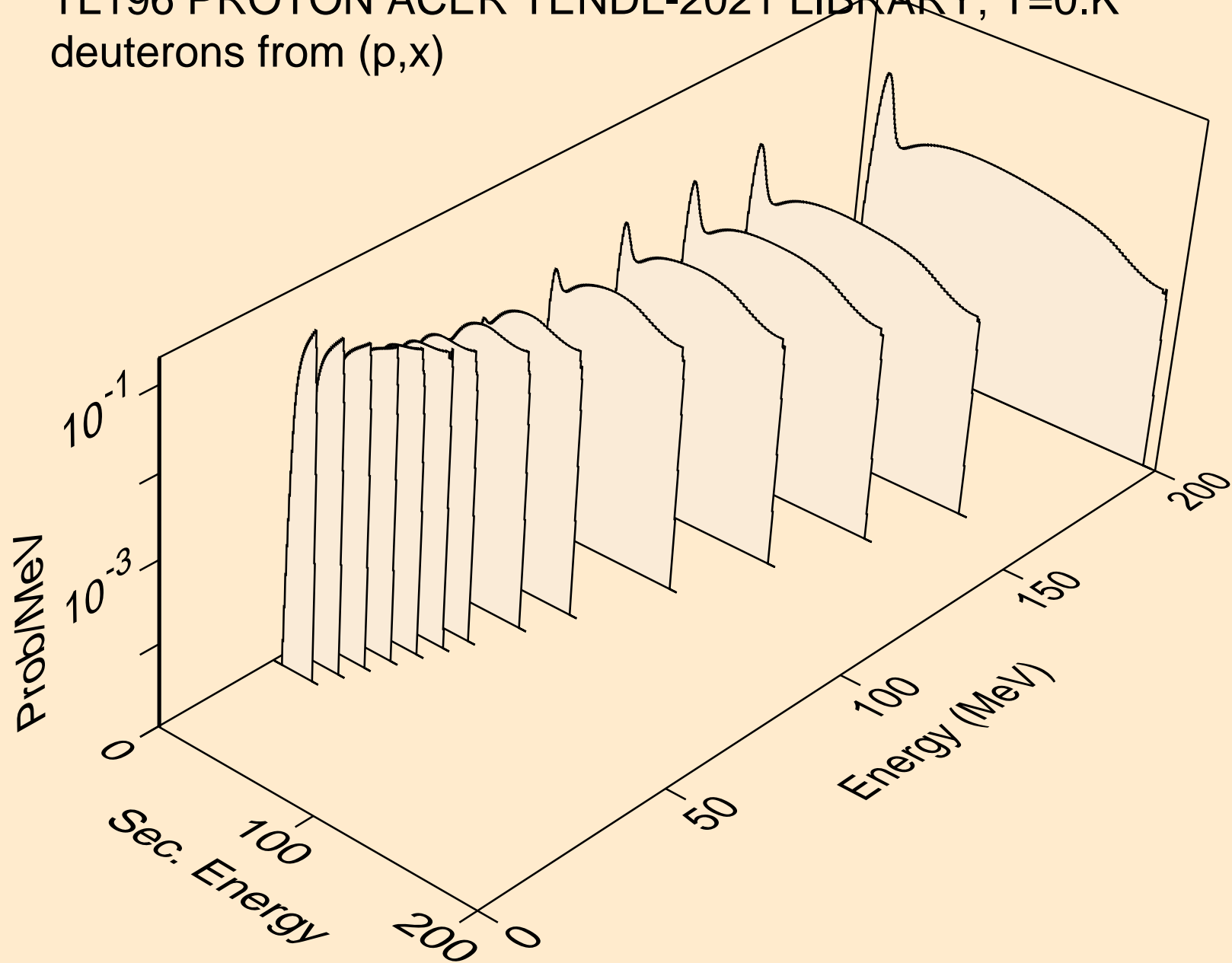
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



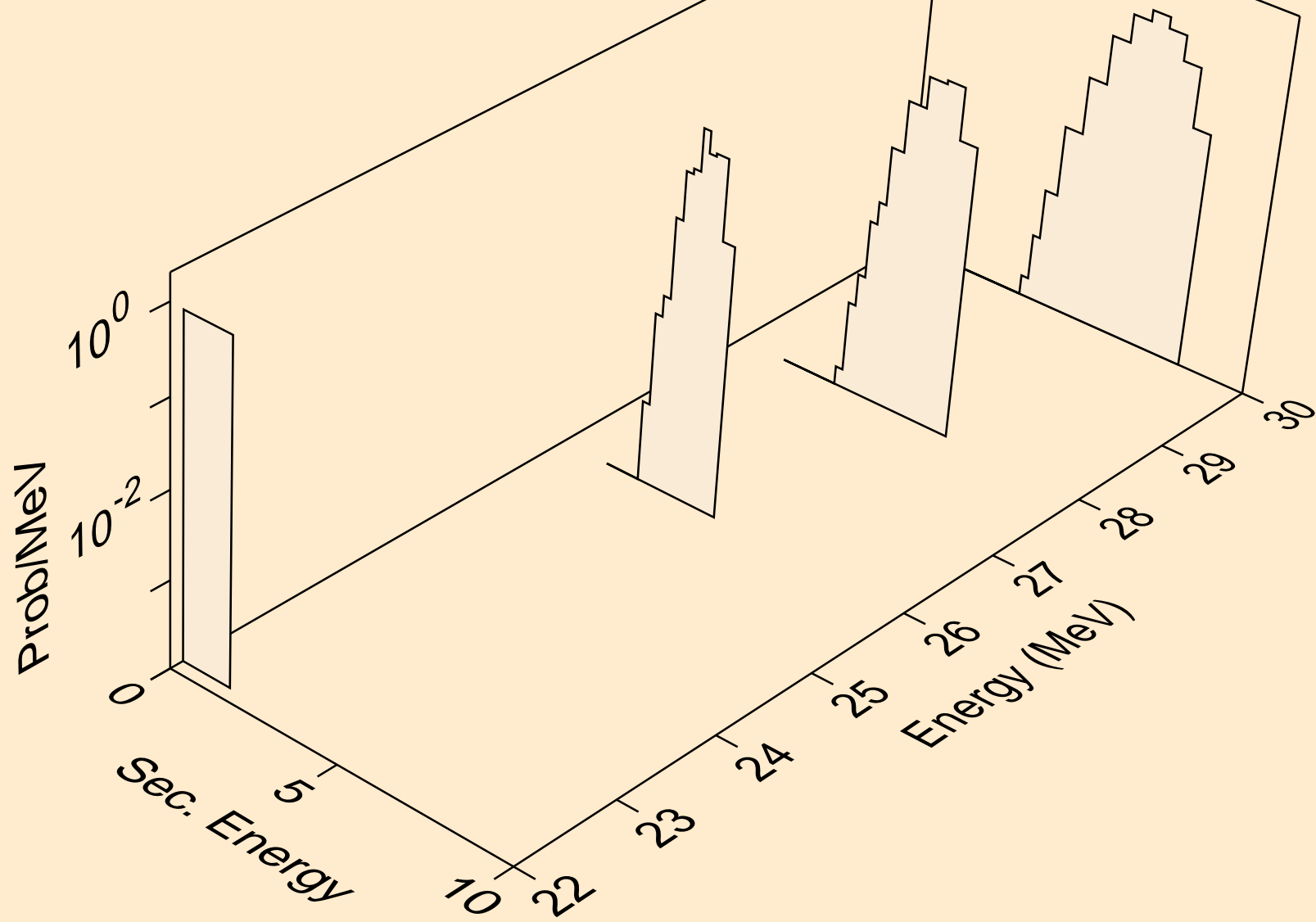
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



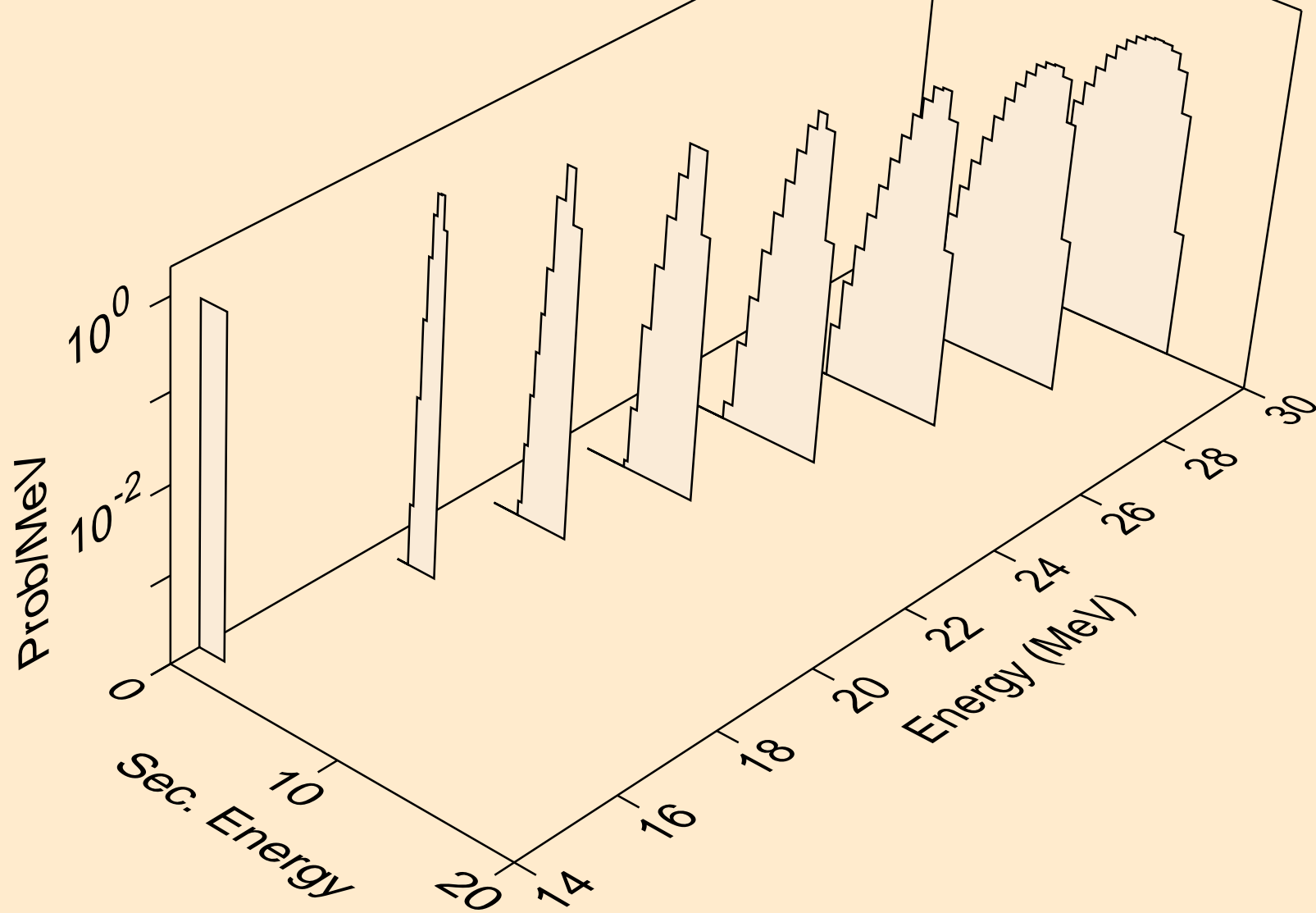
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

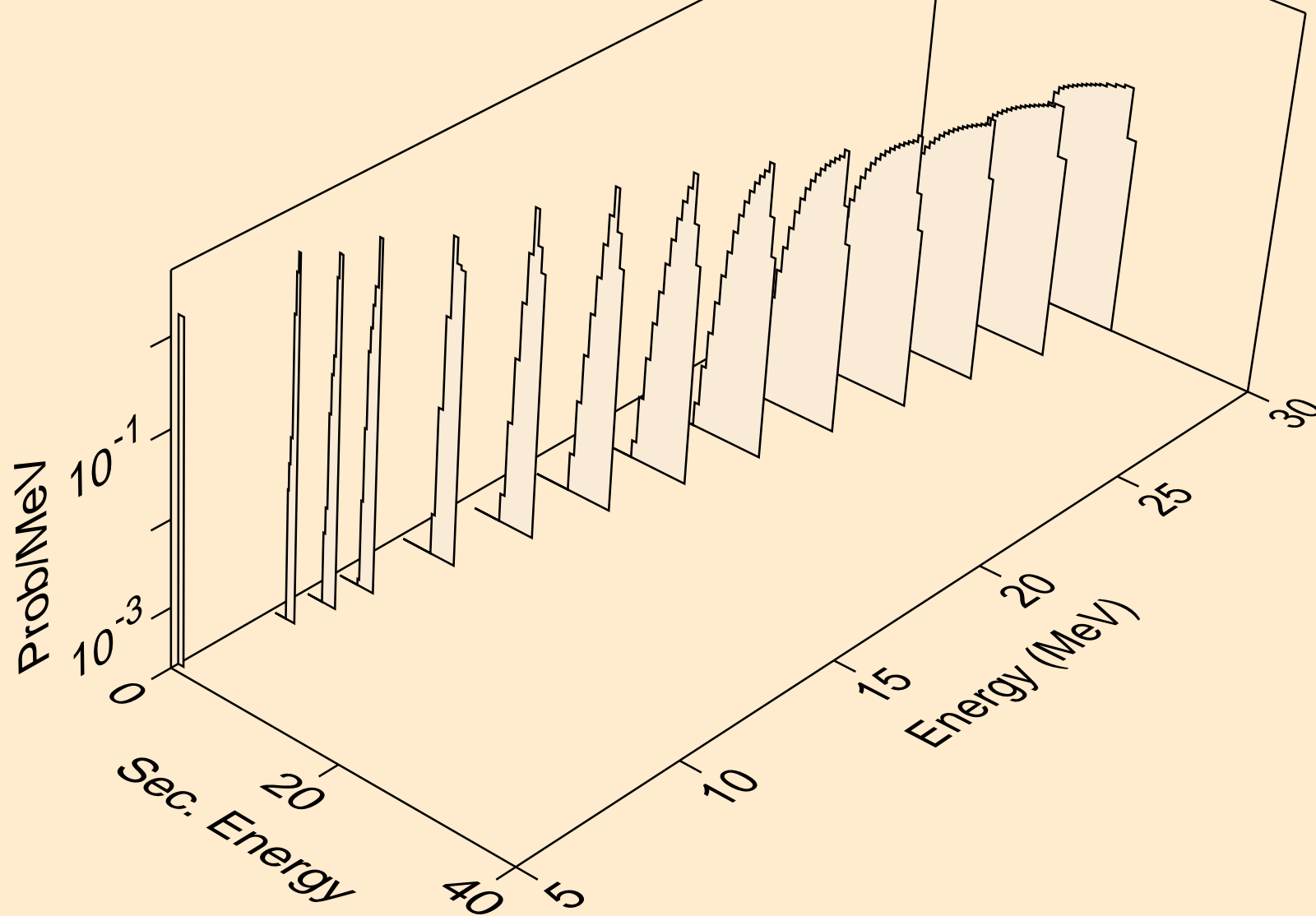


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

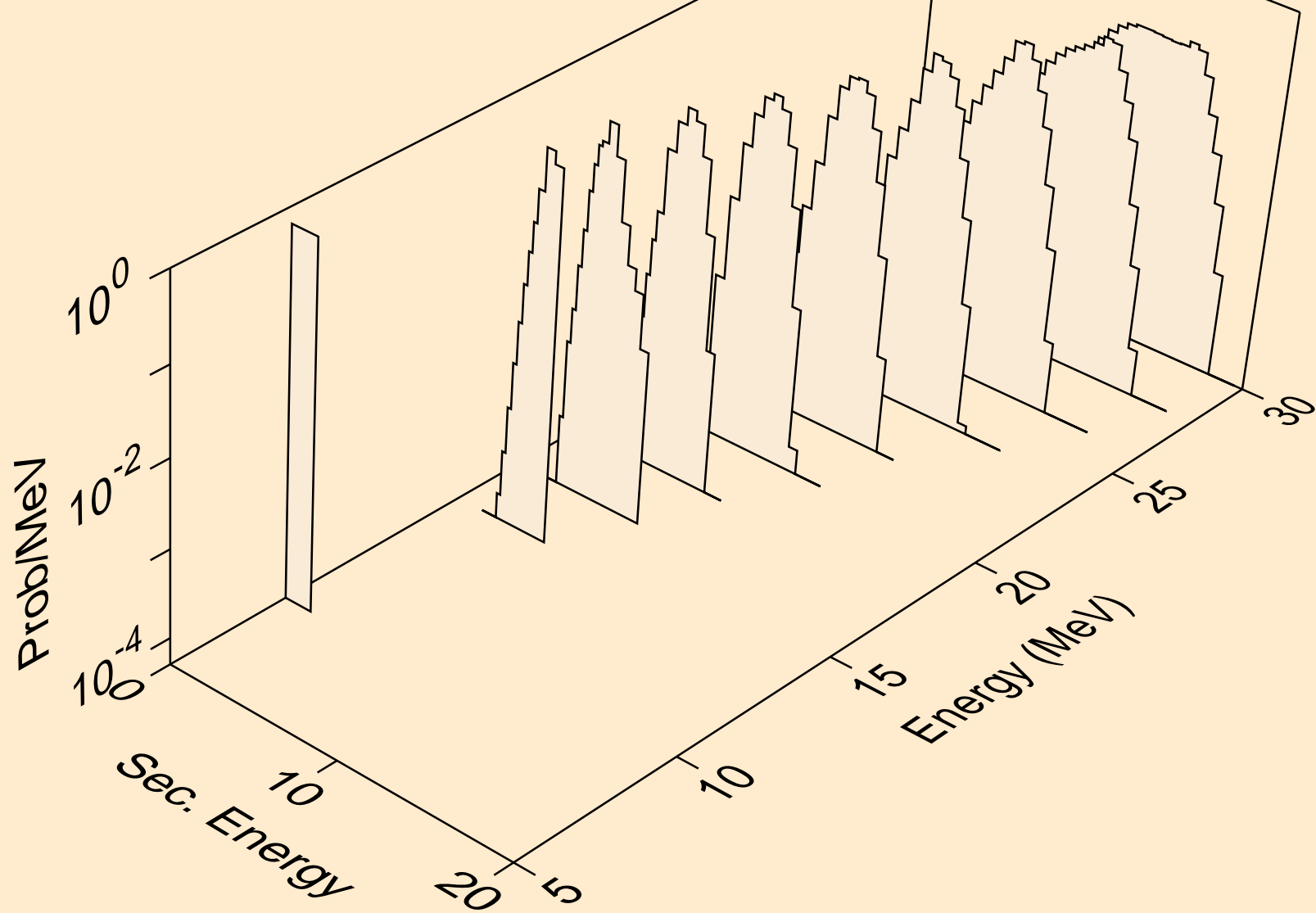




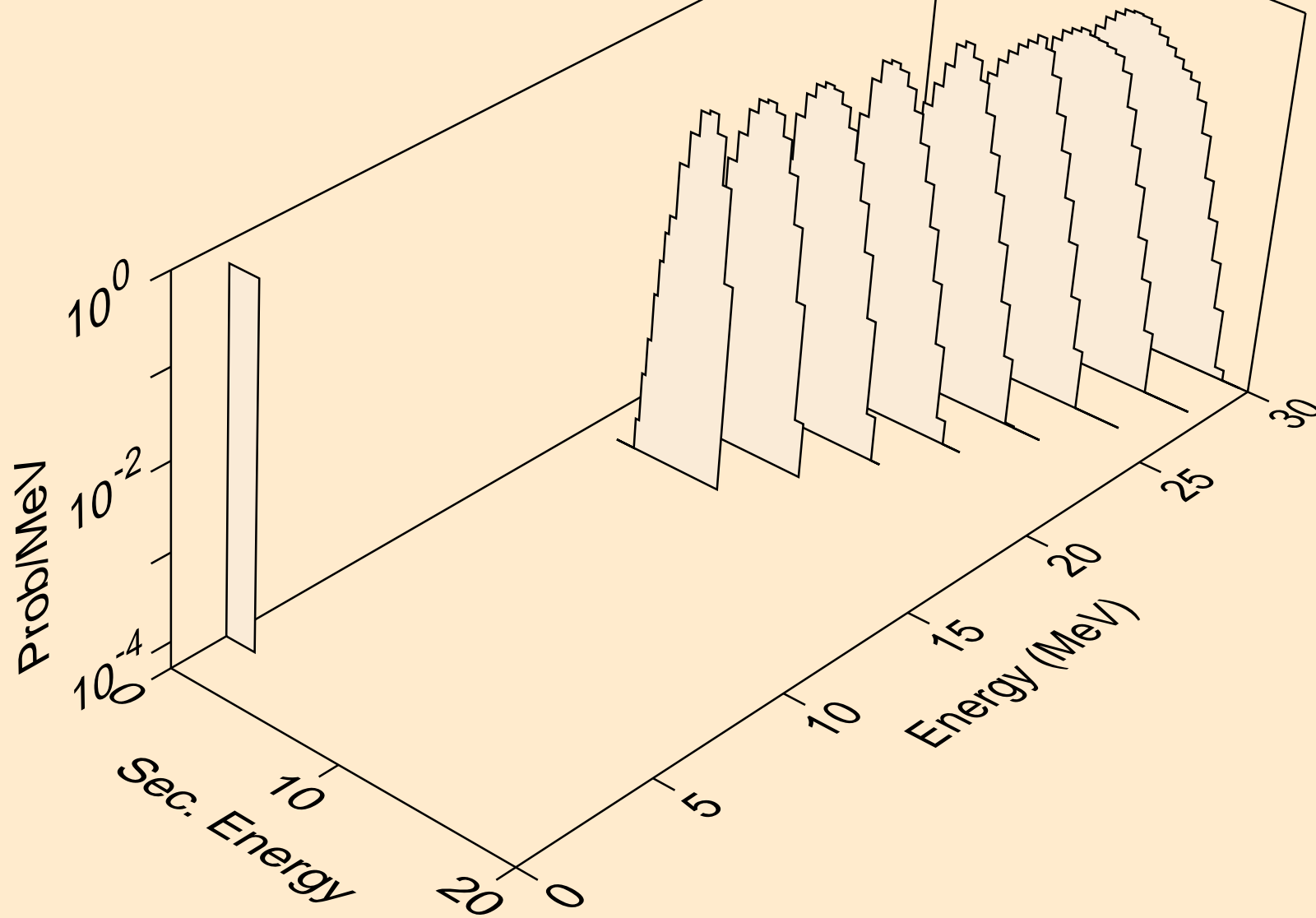
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



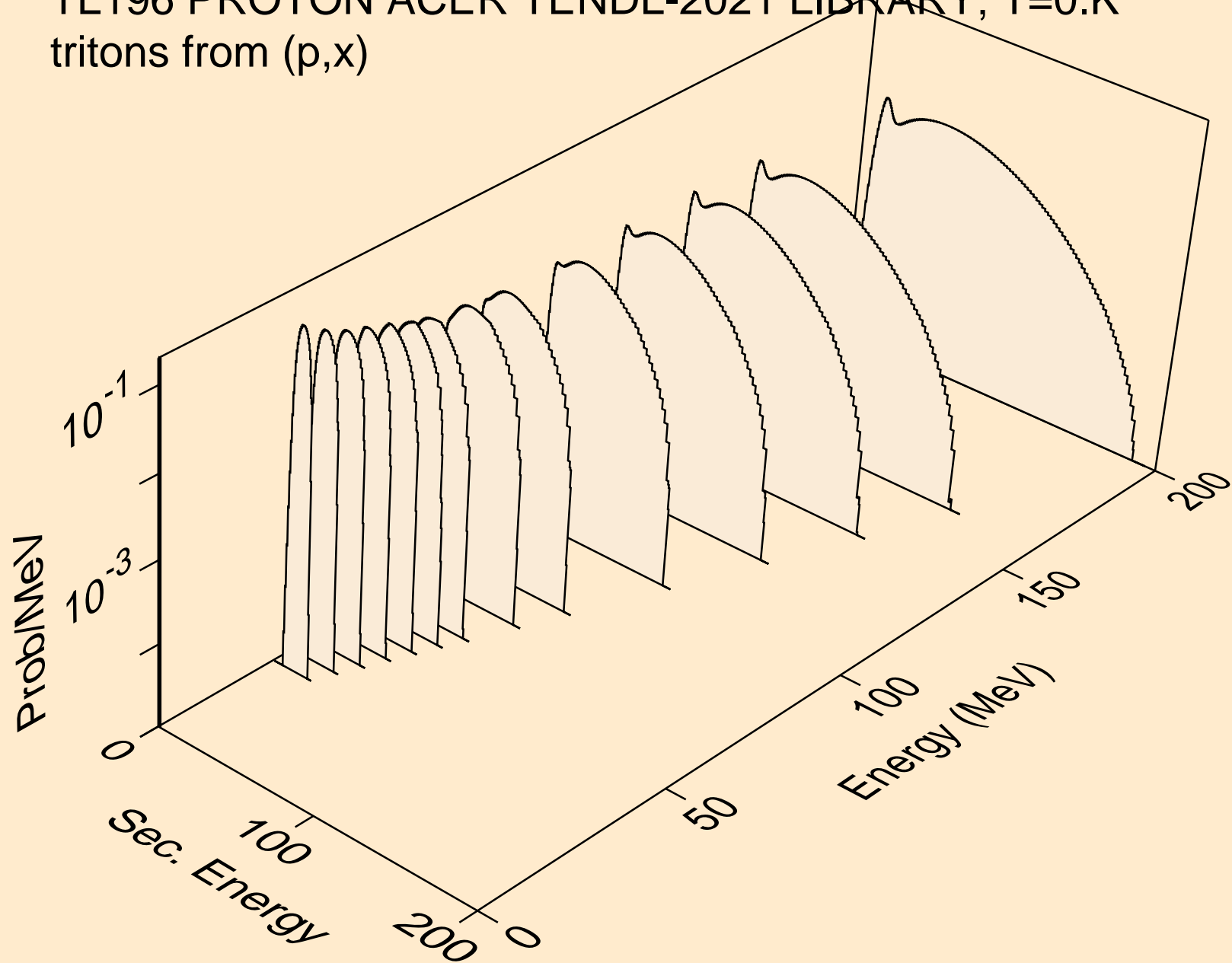
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deuterons from (p,pd)



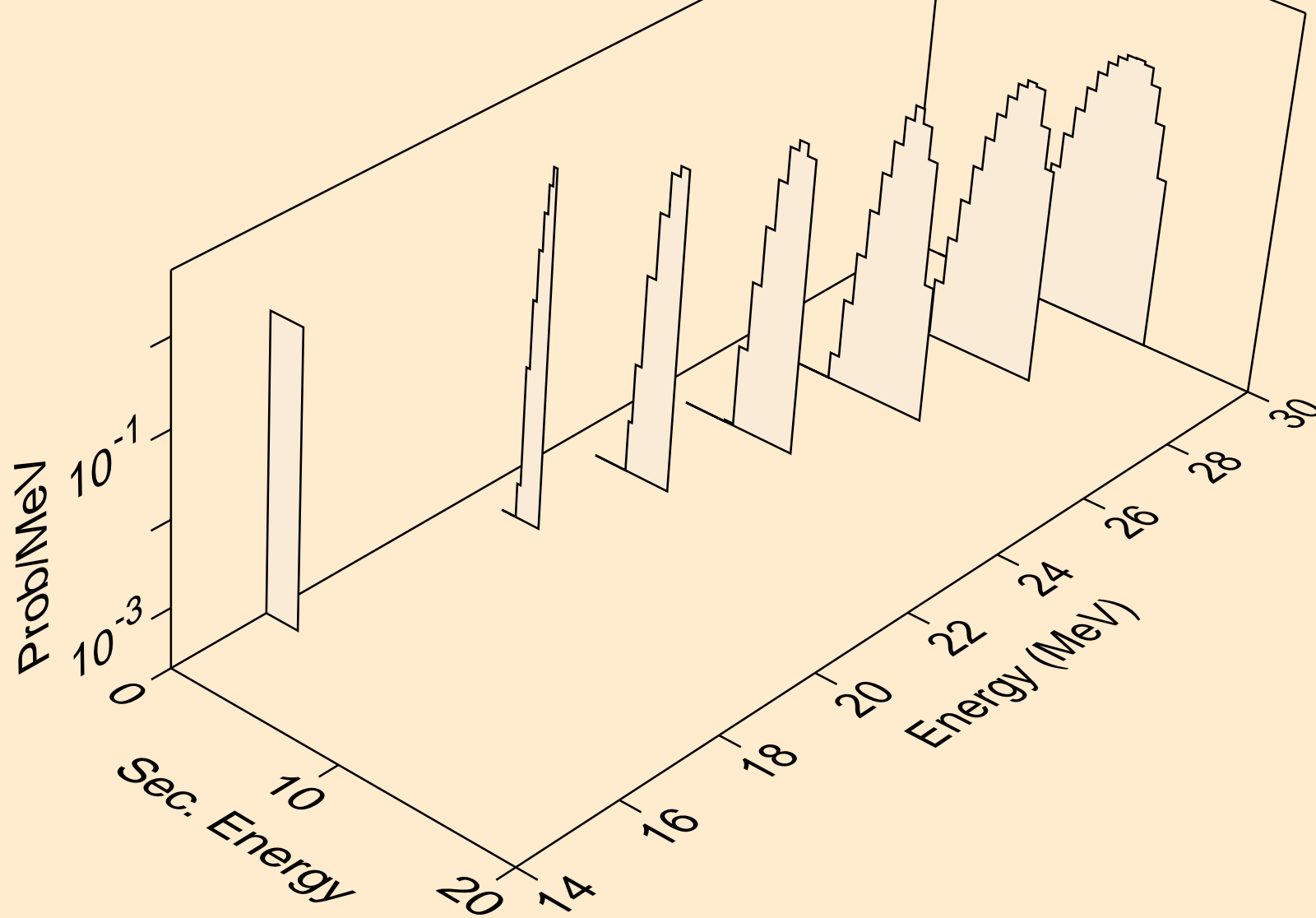
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deuterons from (p,da)



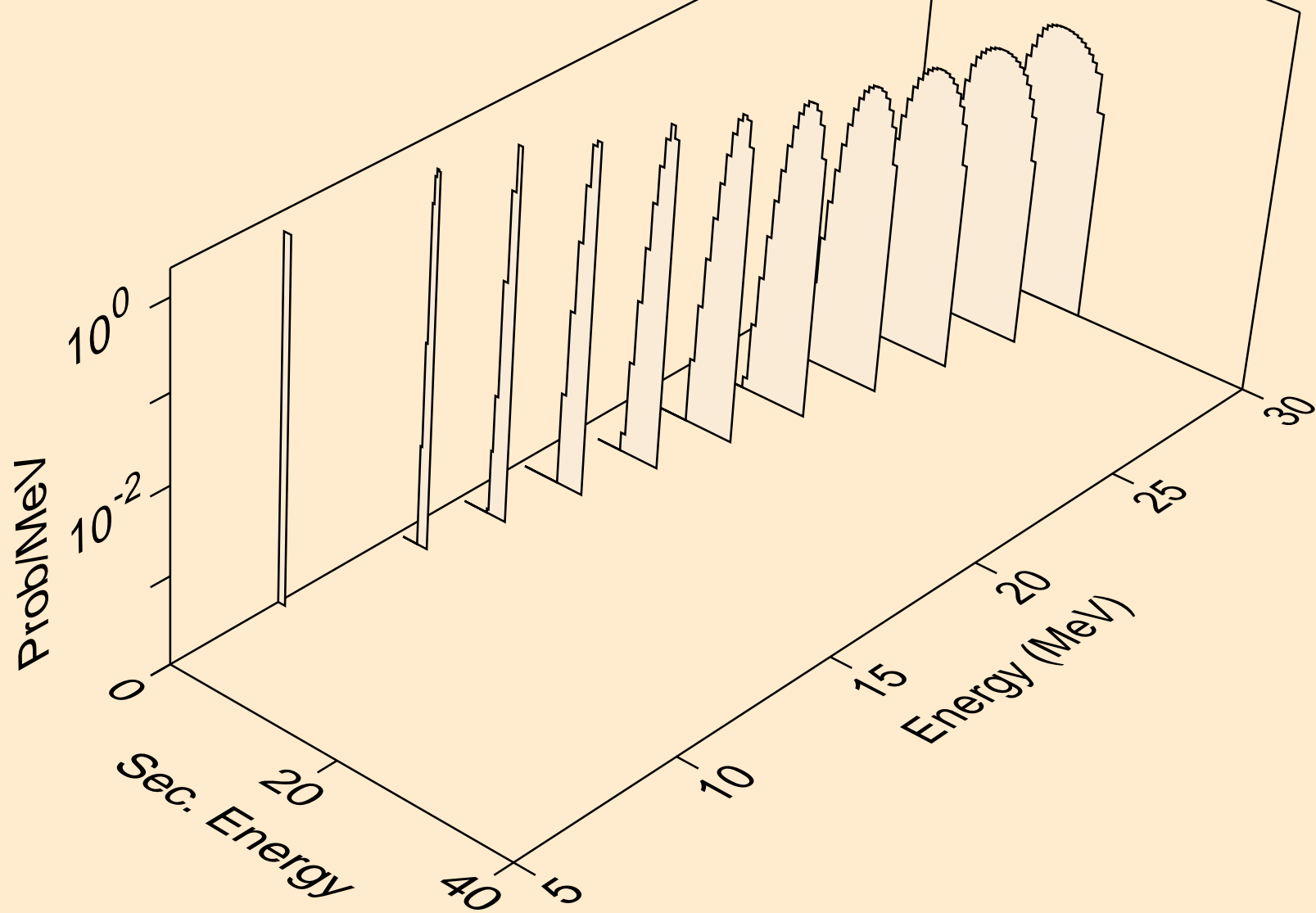
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



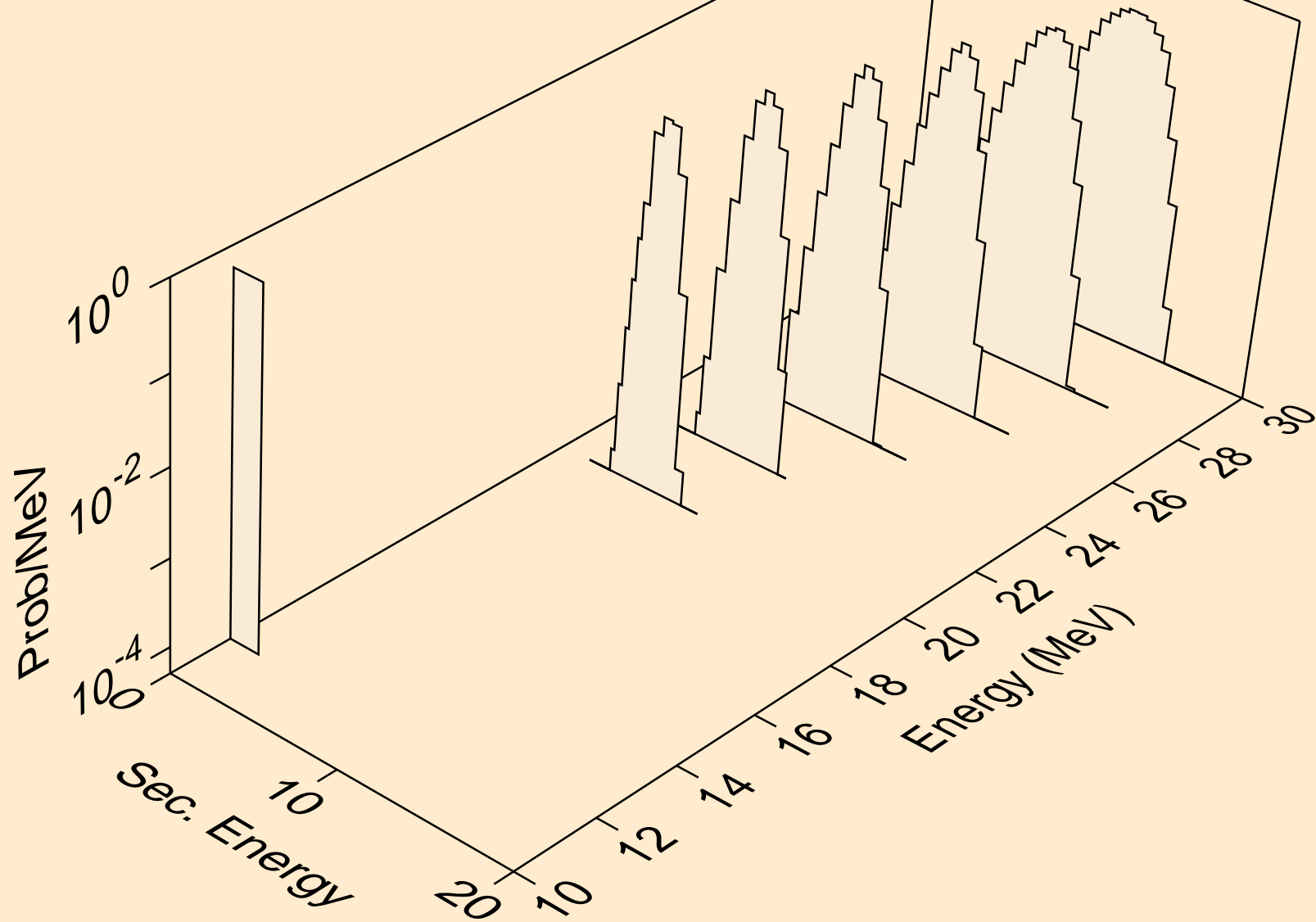
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



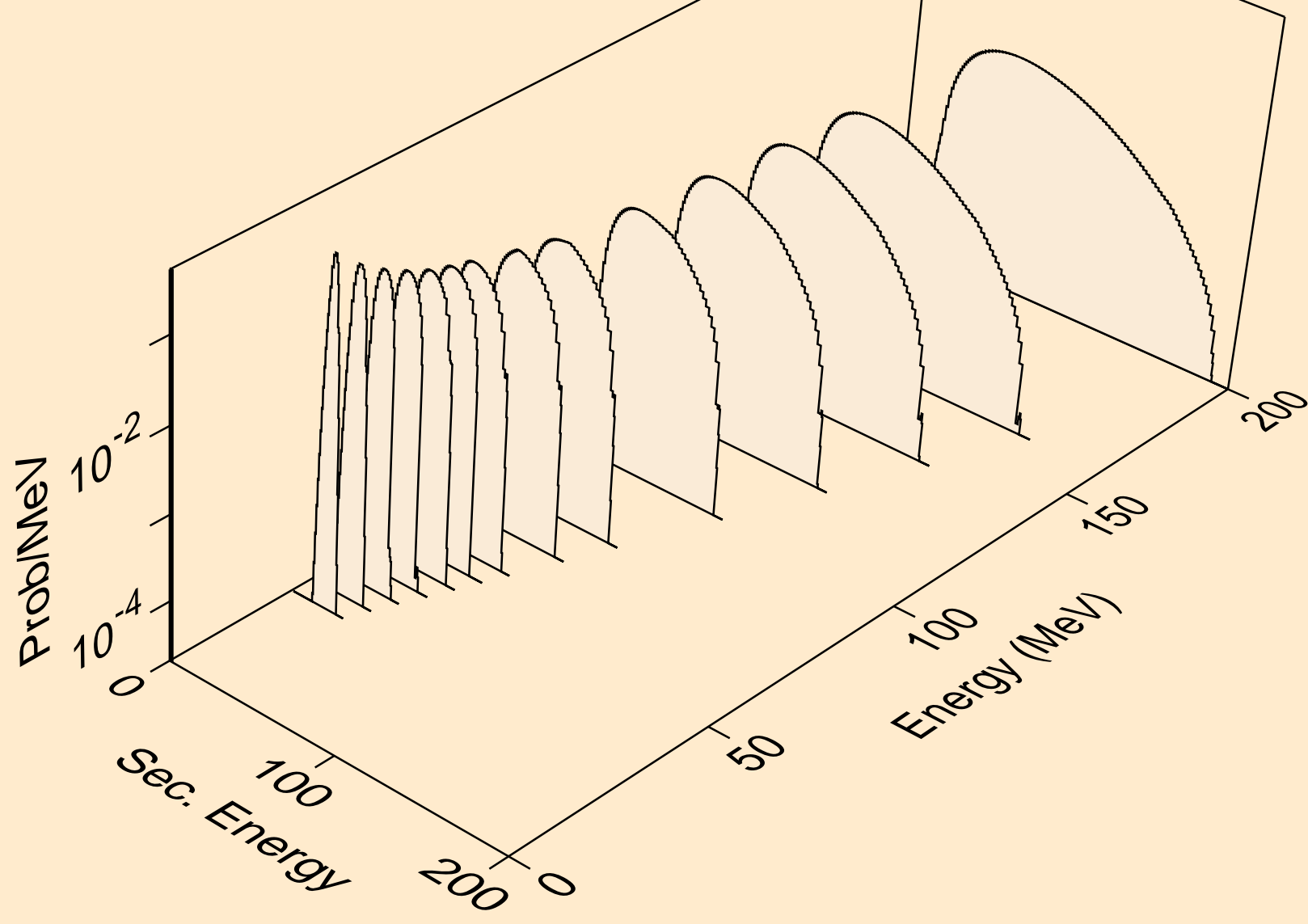
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)

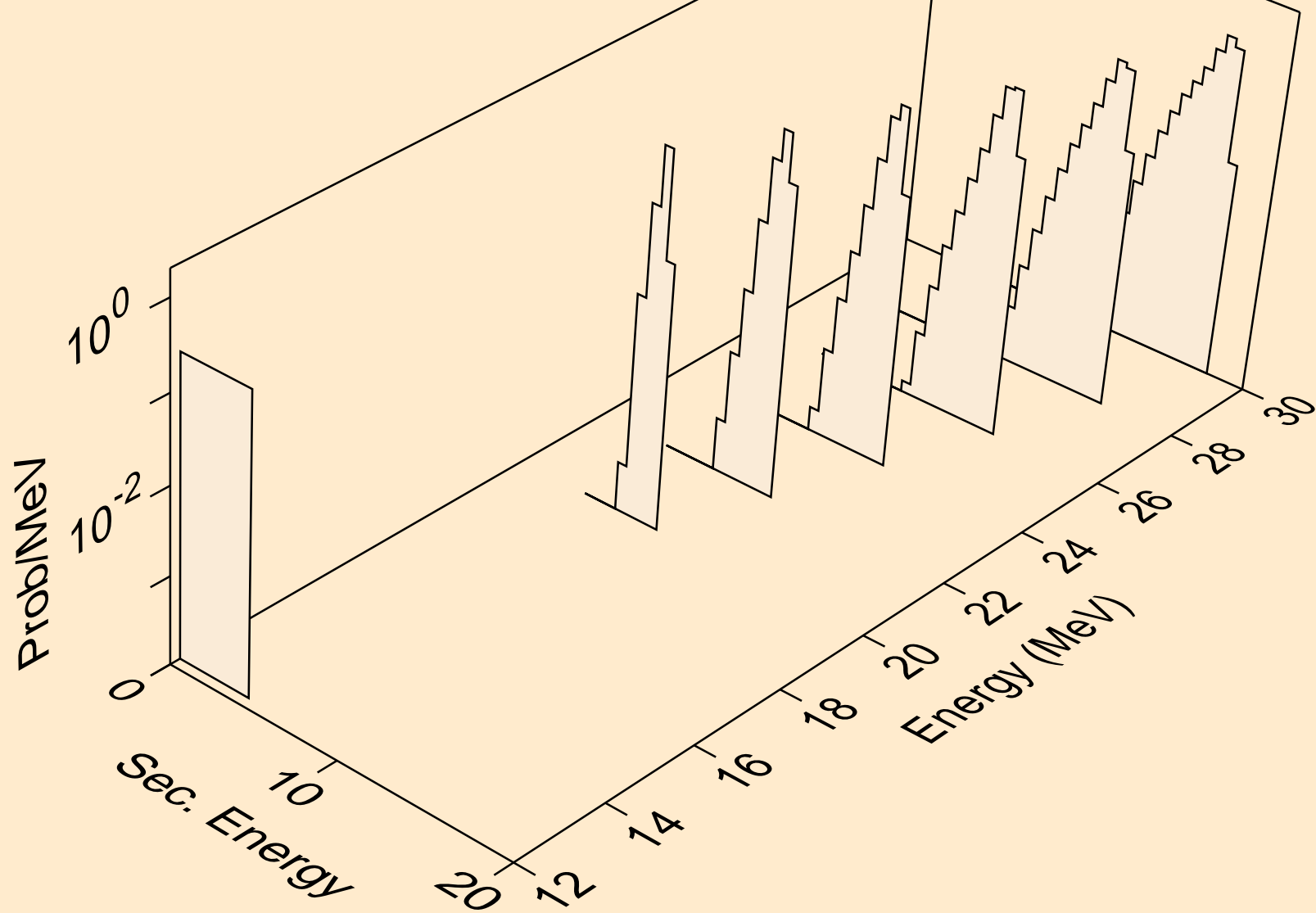


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

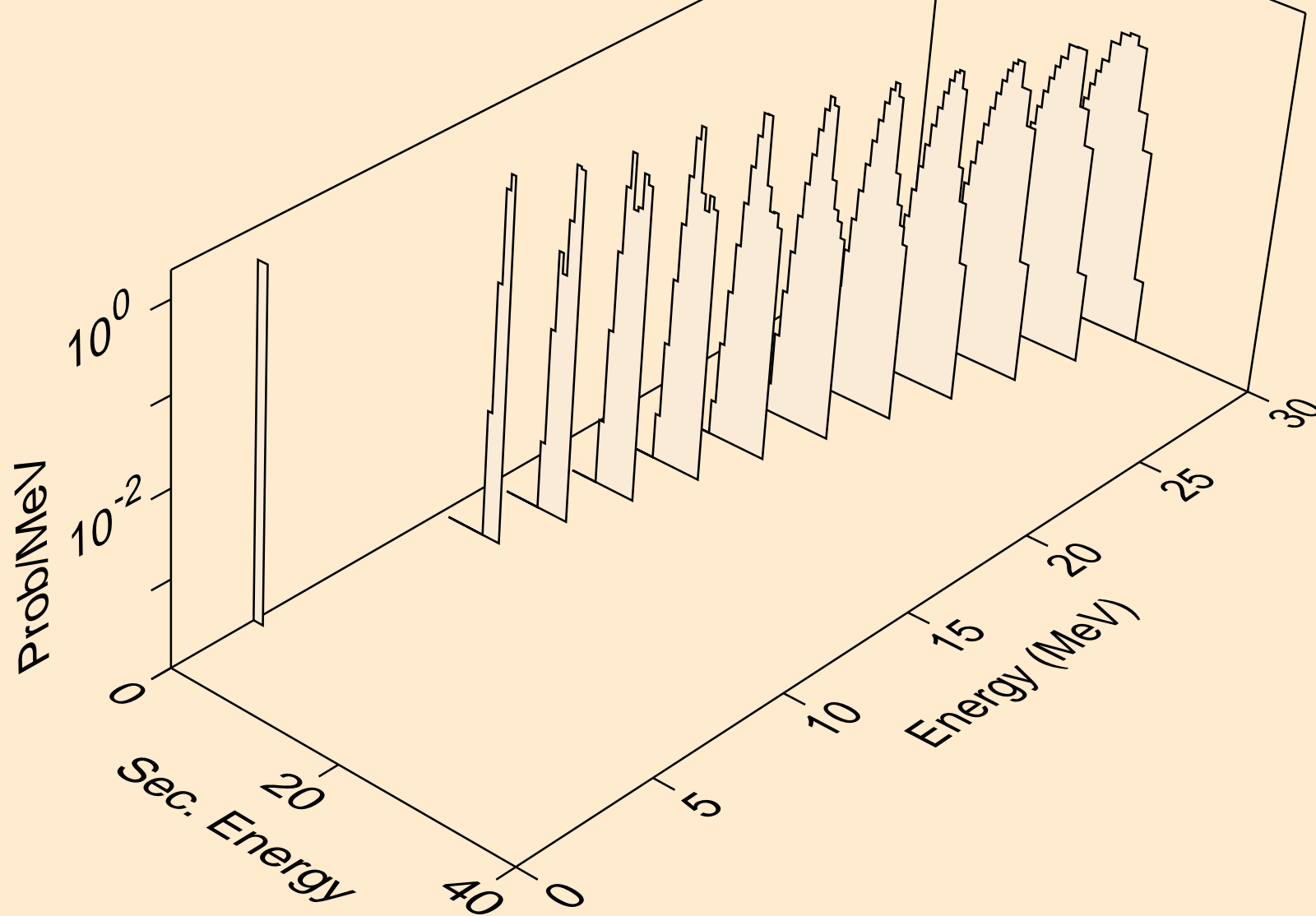




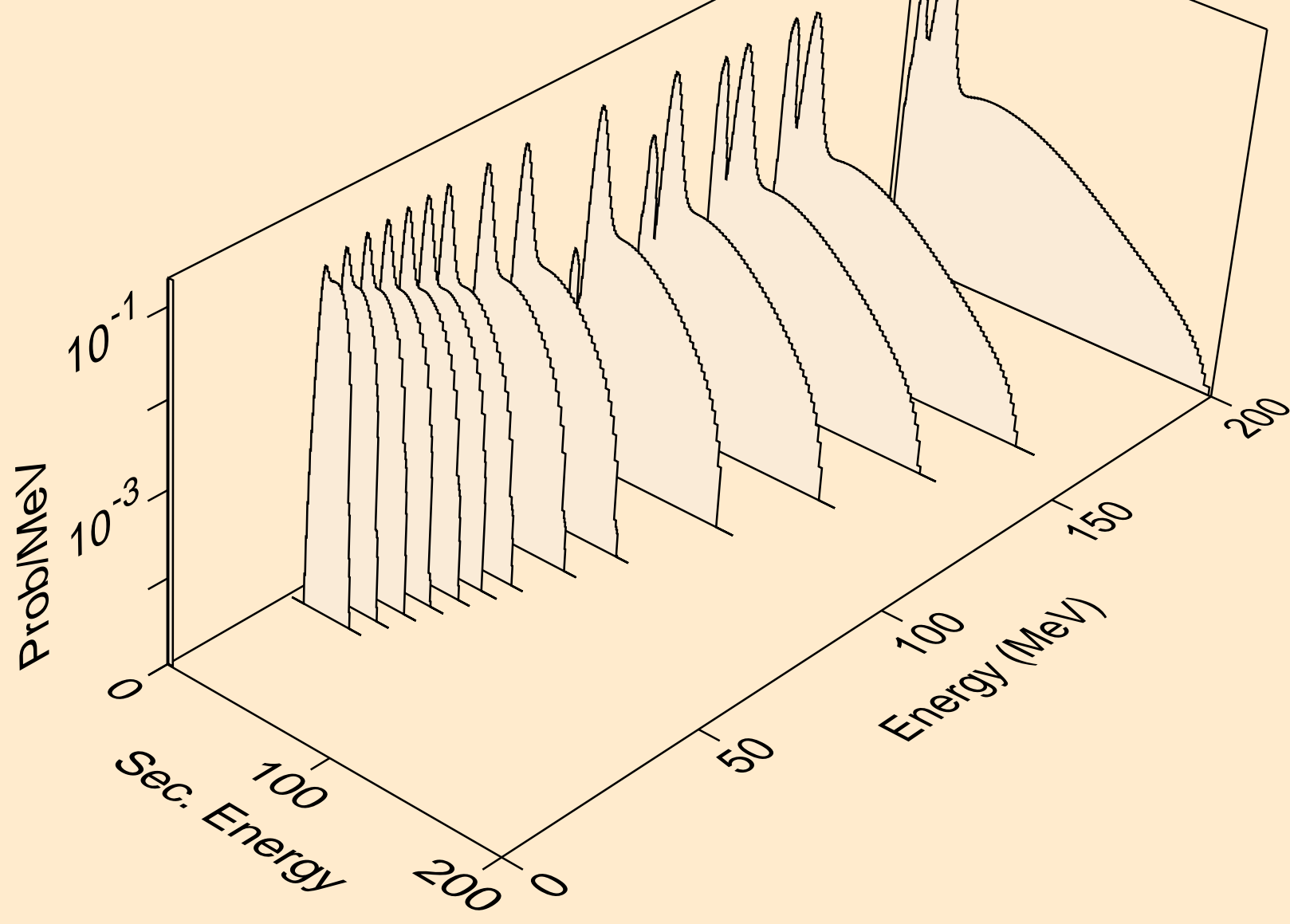
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



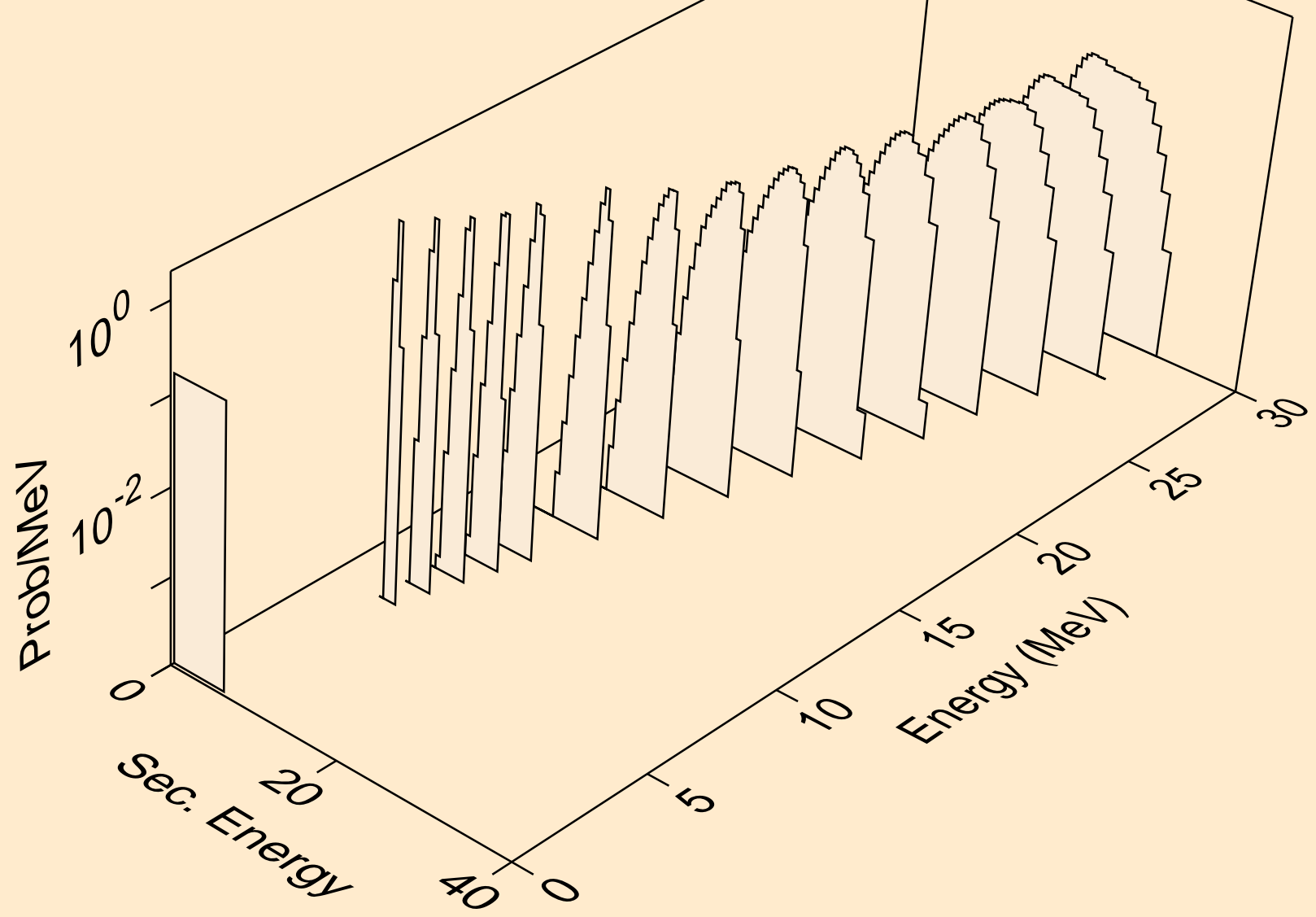
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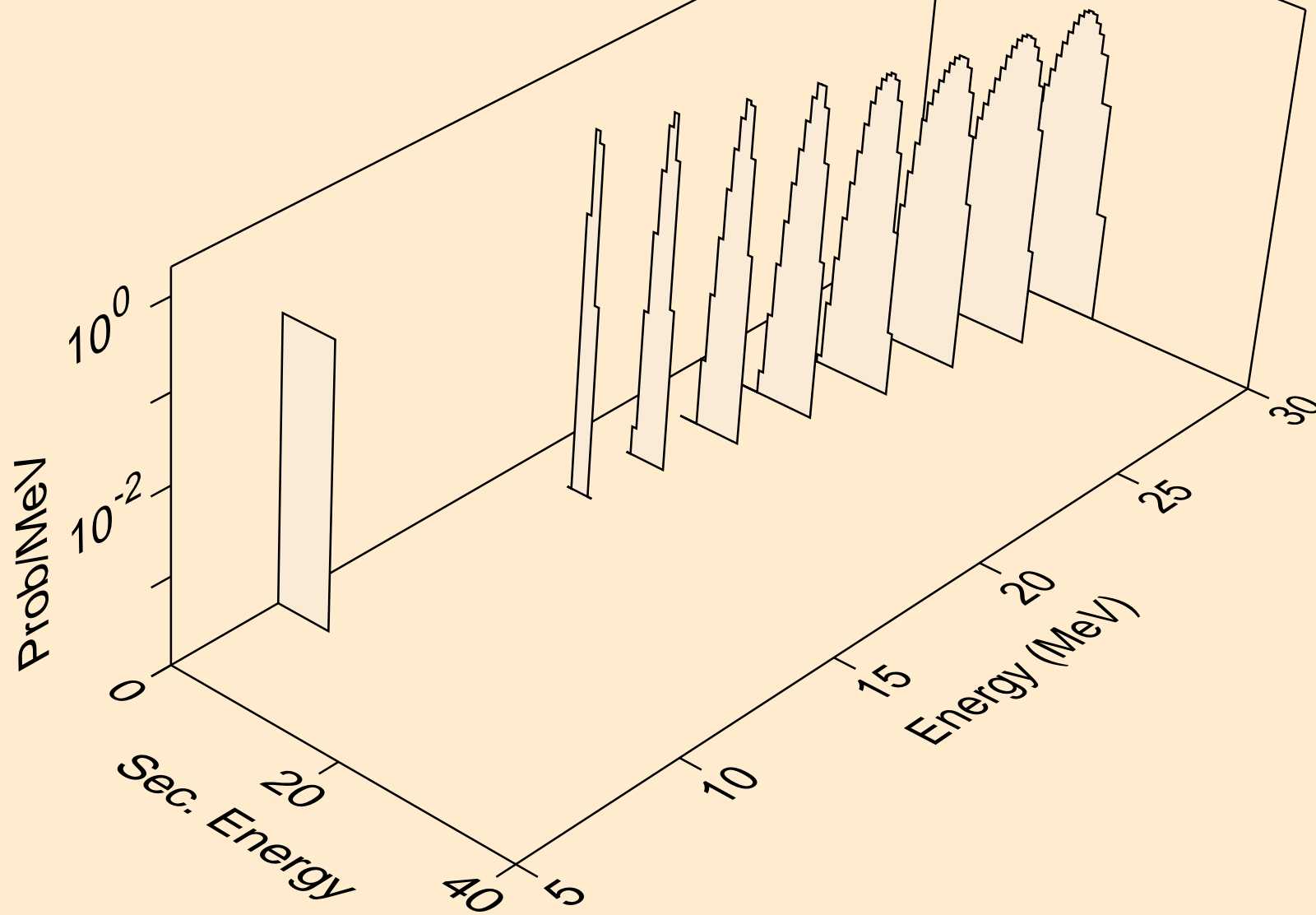
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



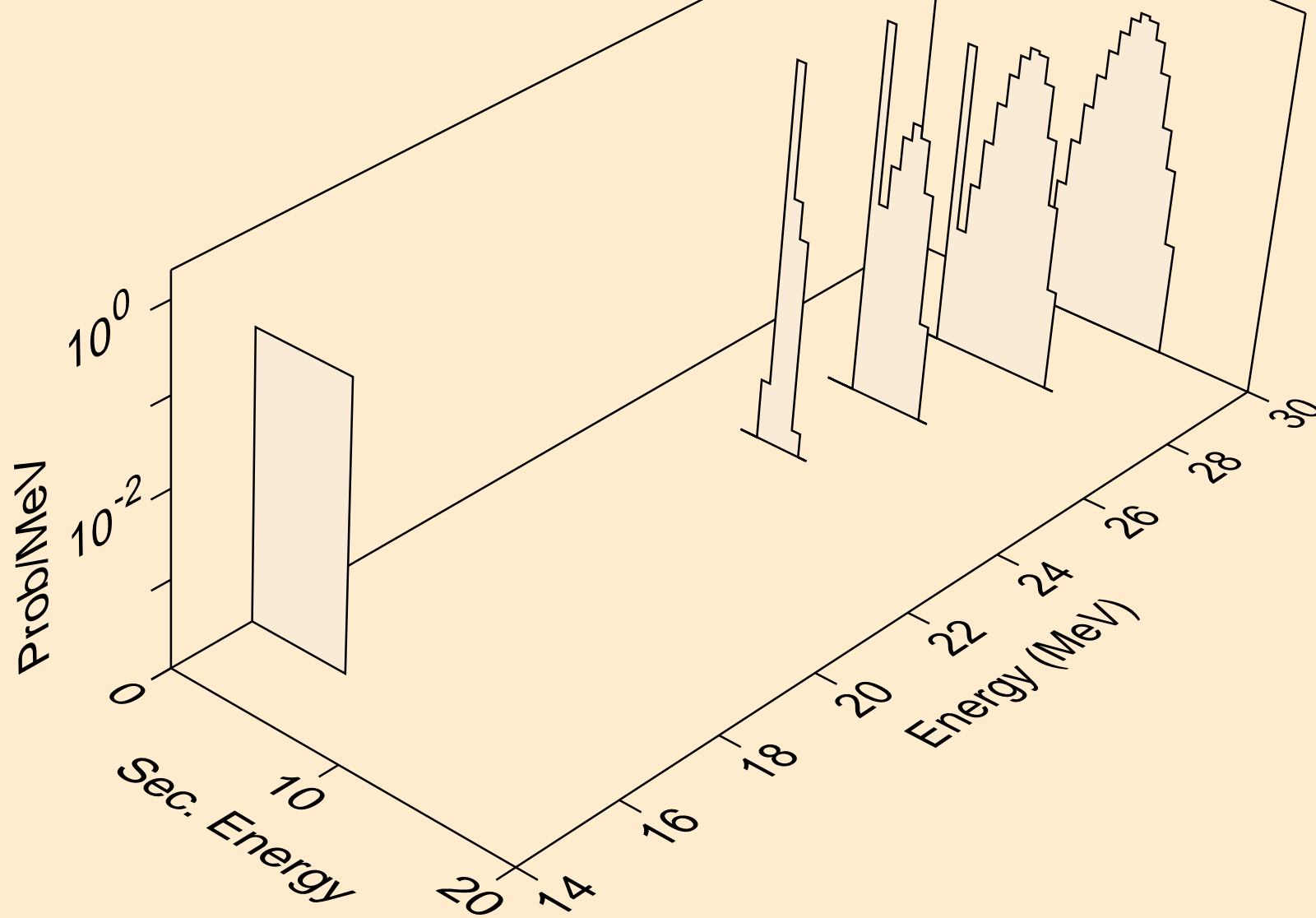
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



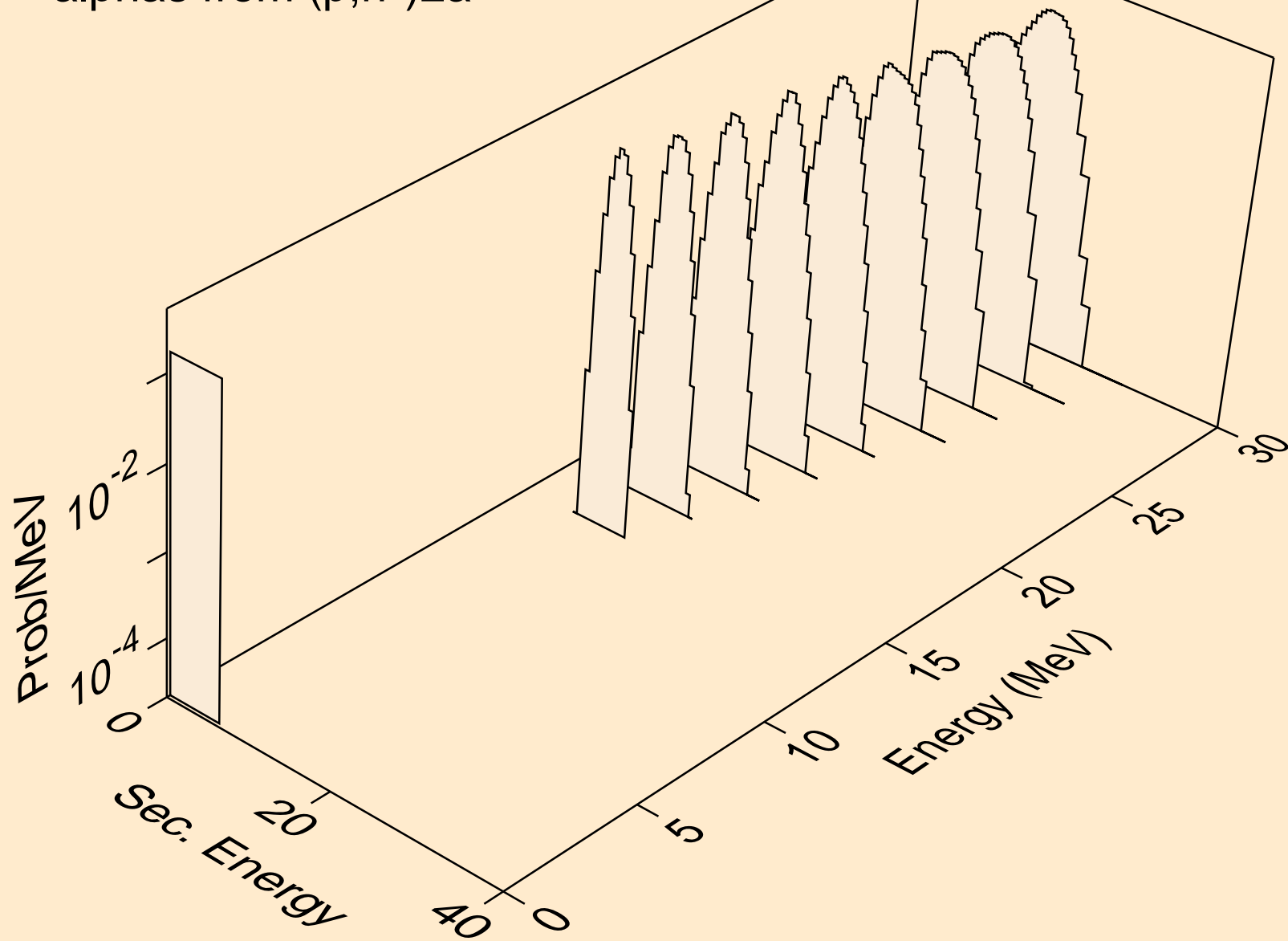
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



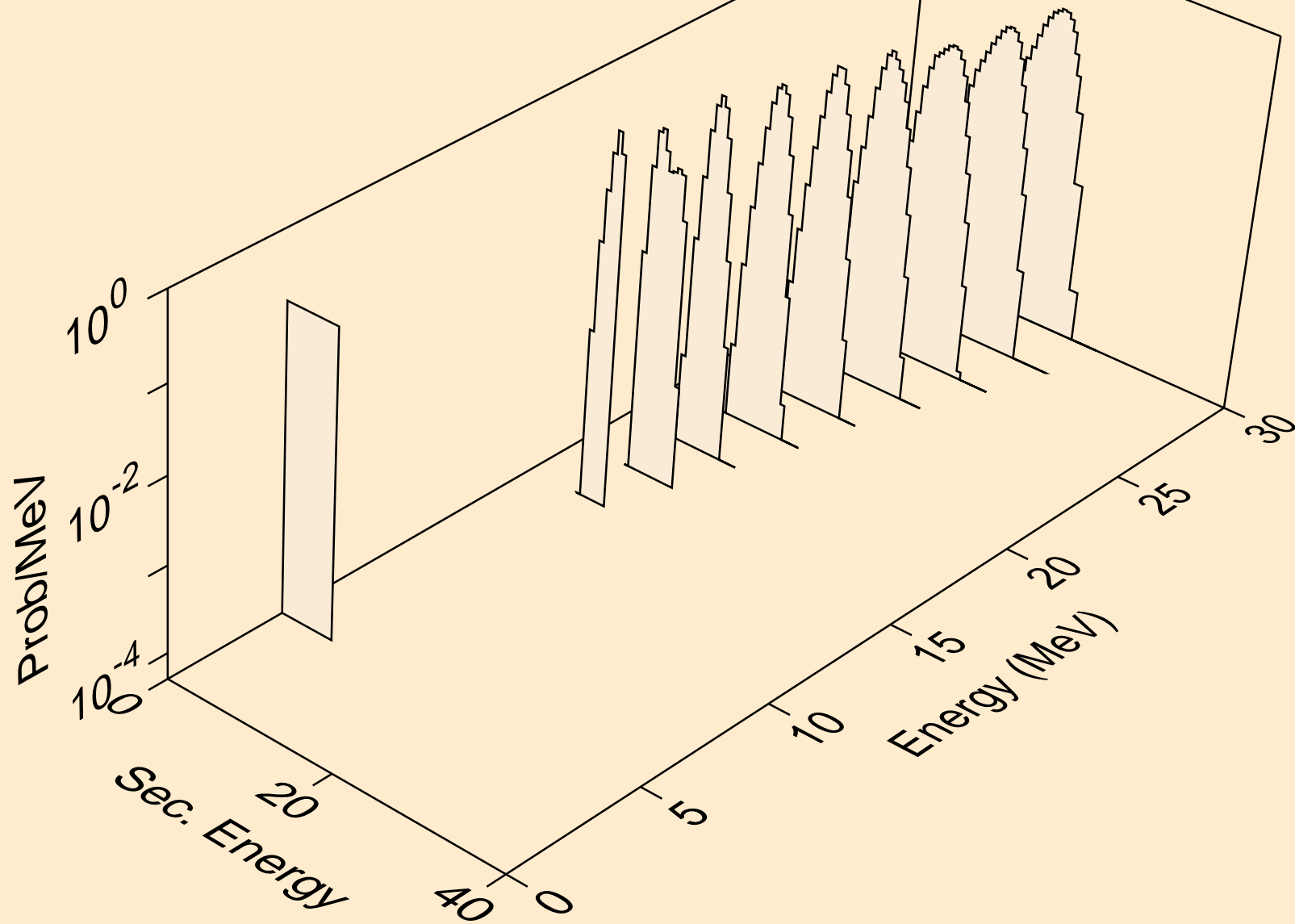
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a

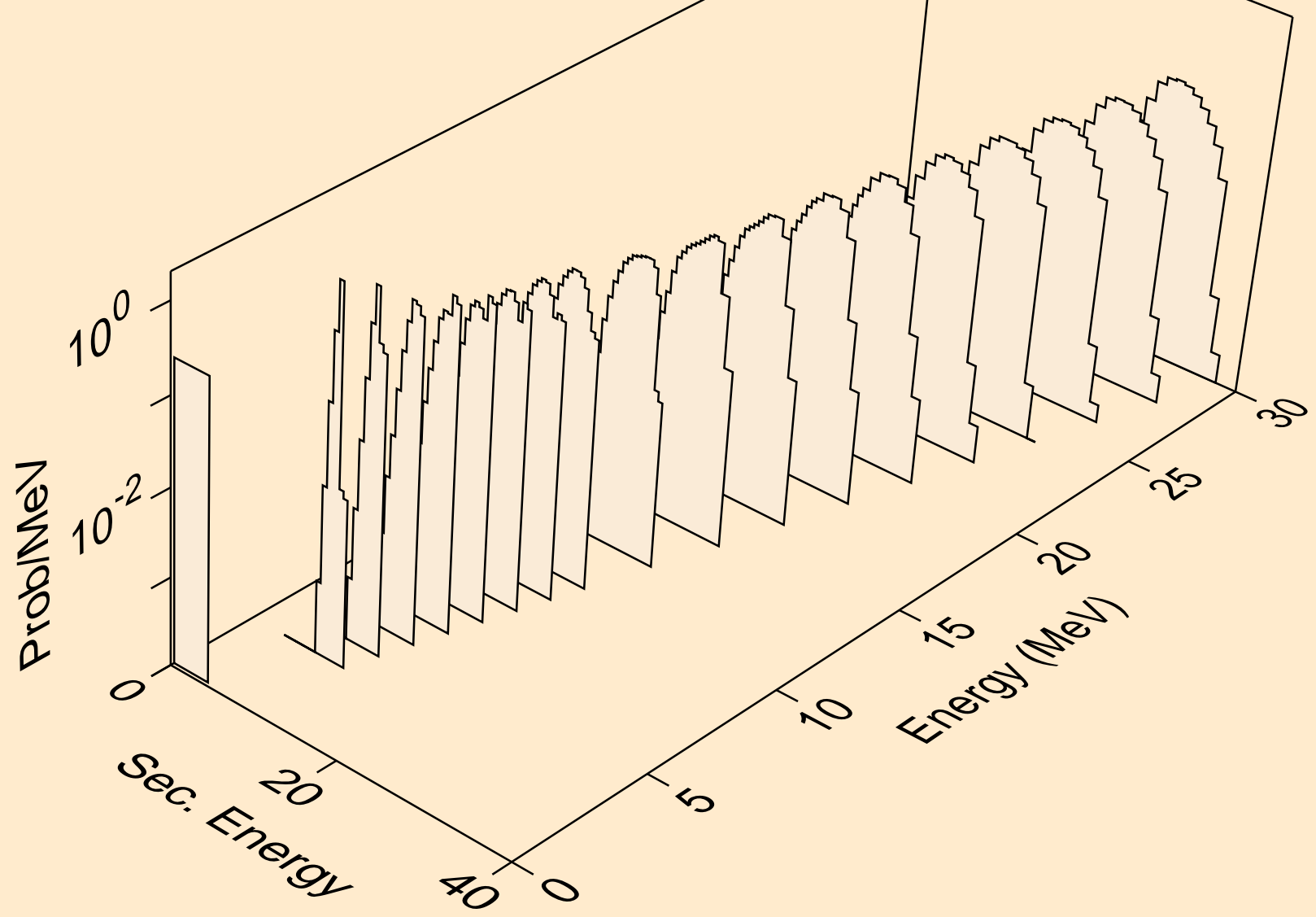


TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

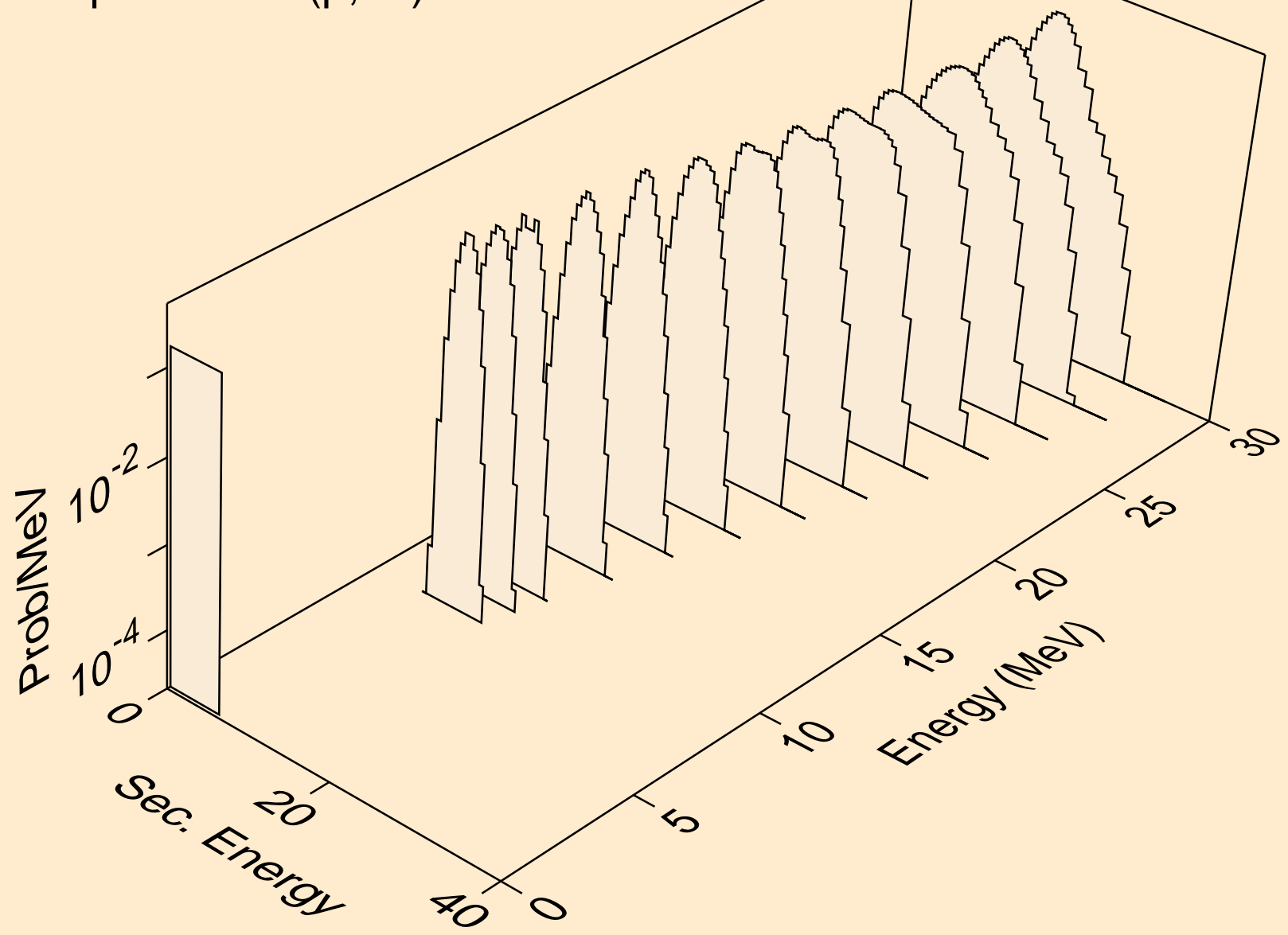




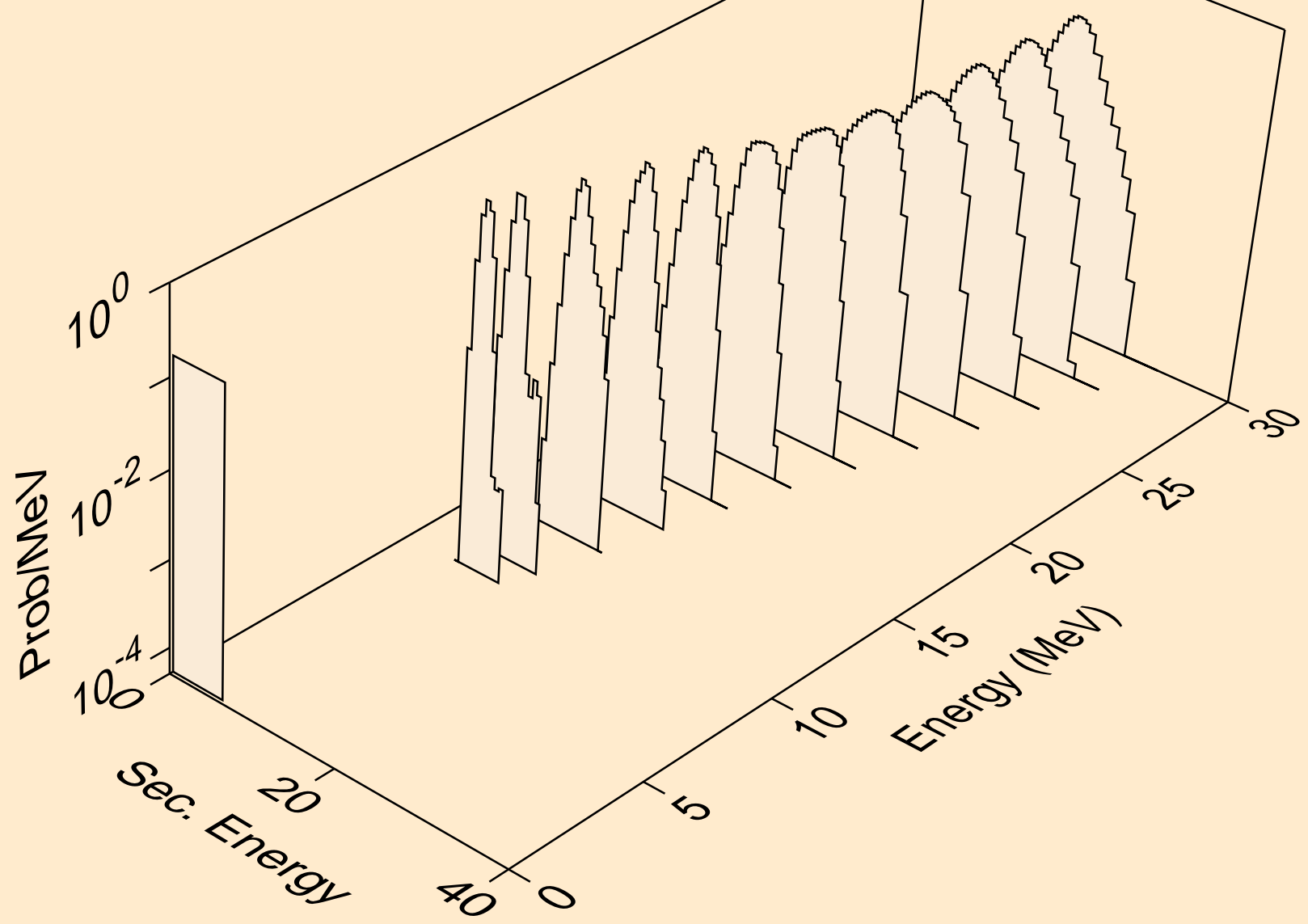
TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



TL196 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

