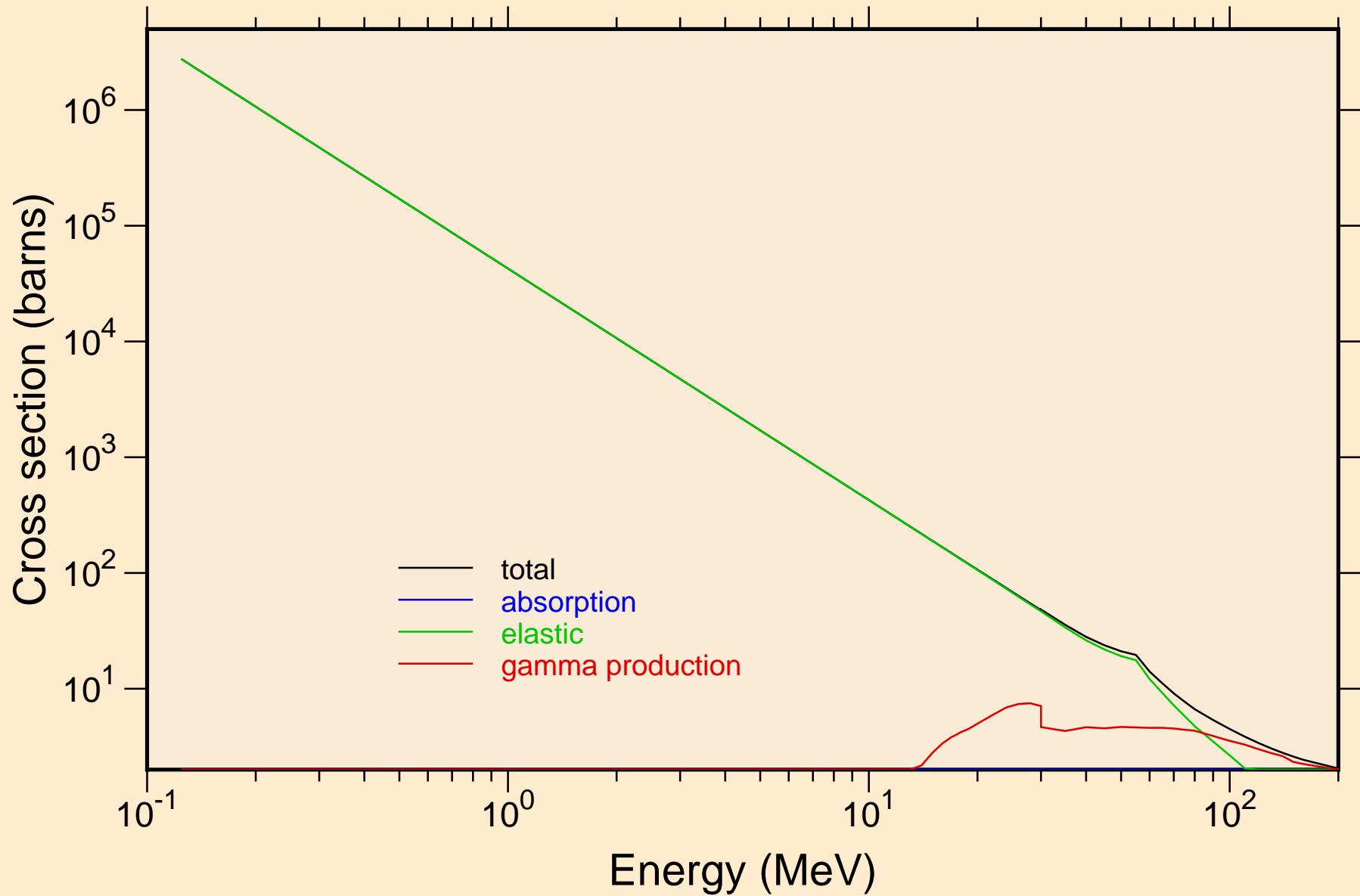
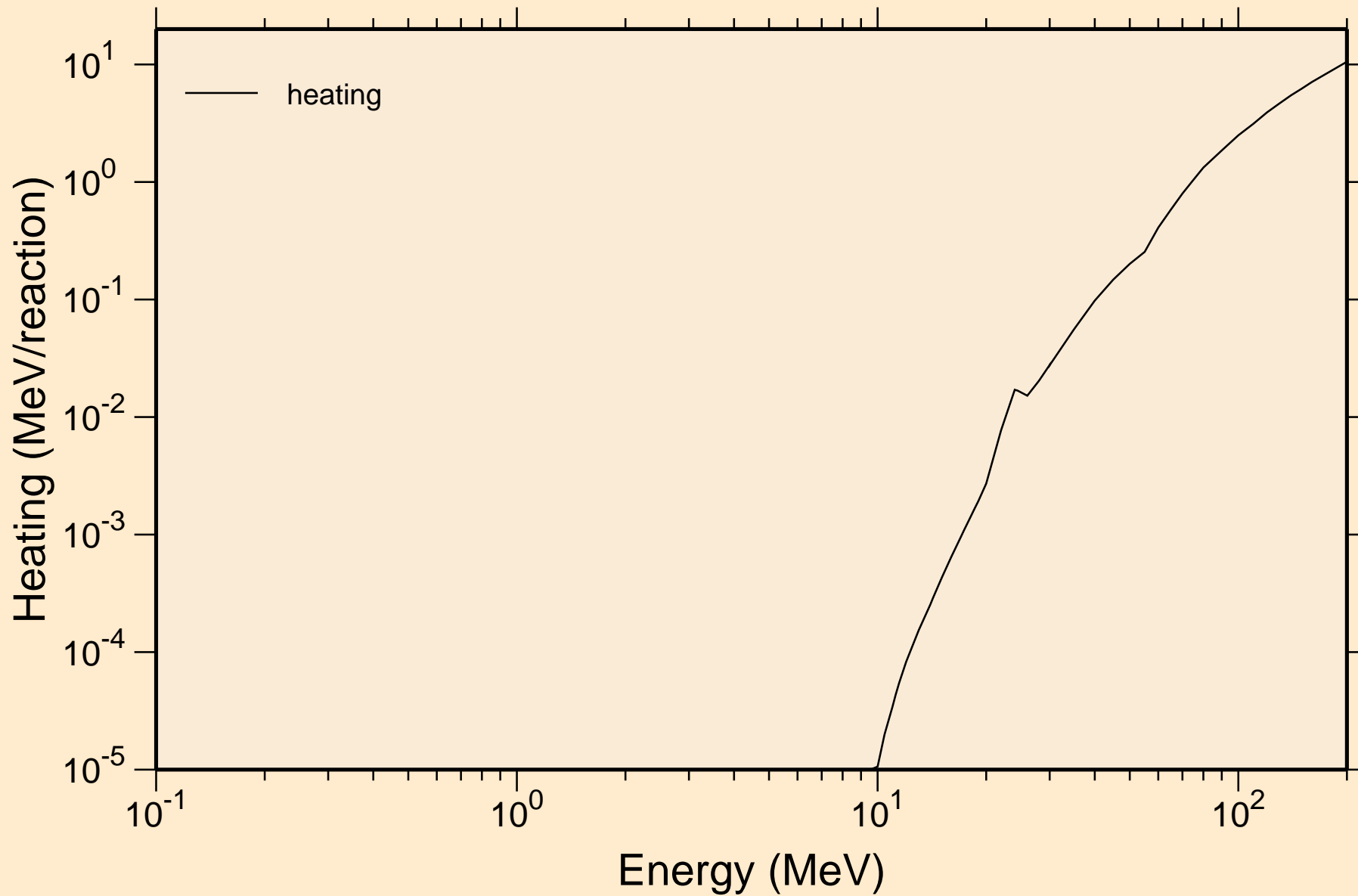


BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

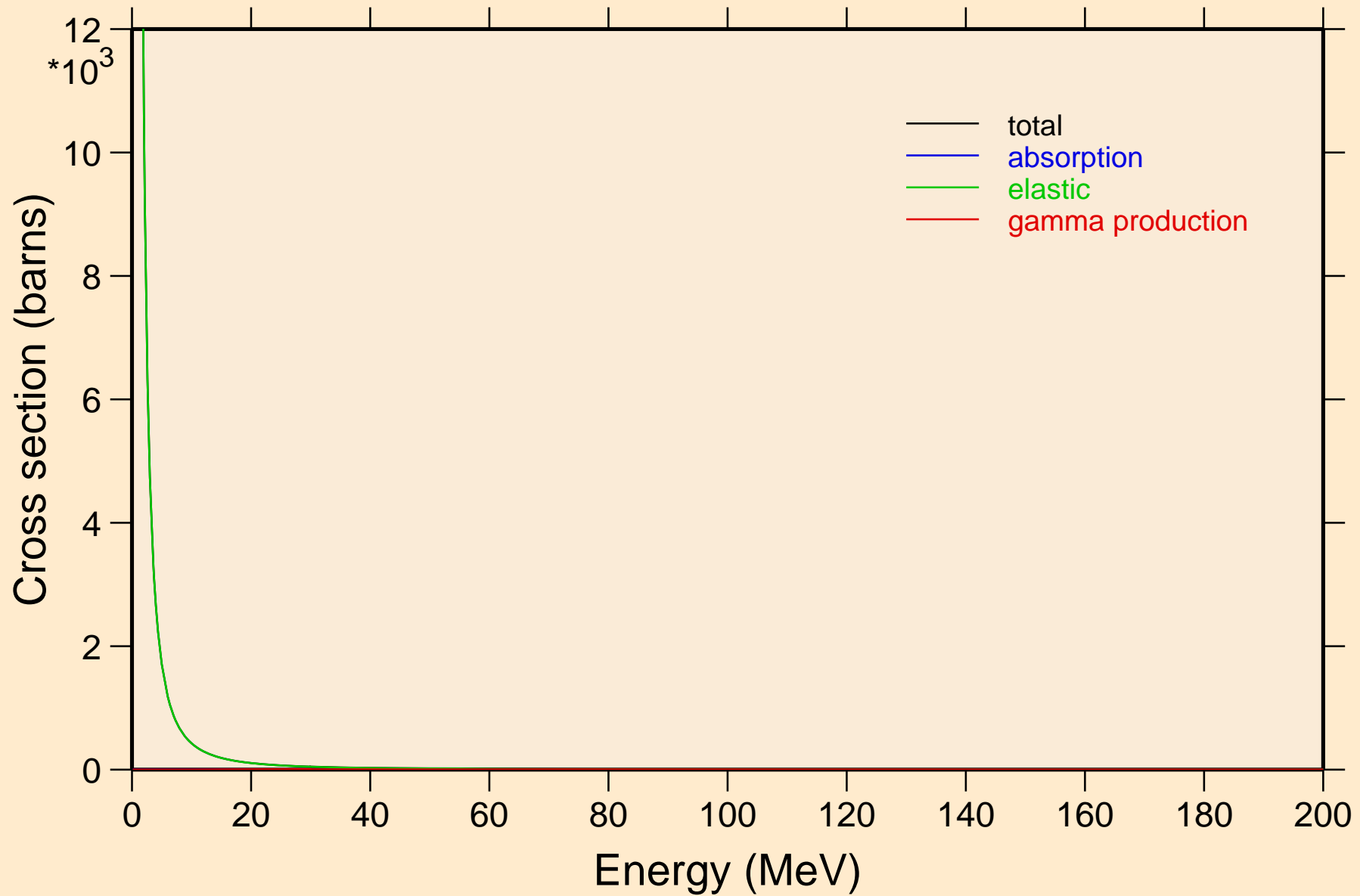


BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



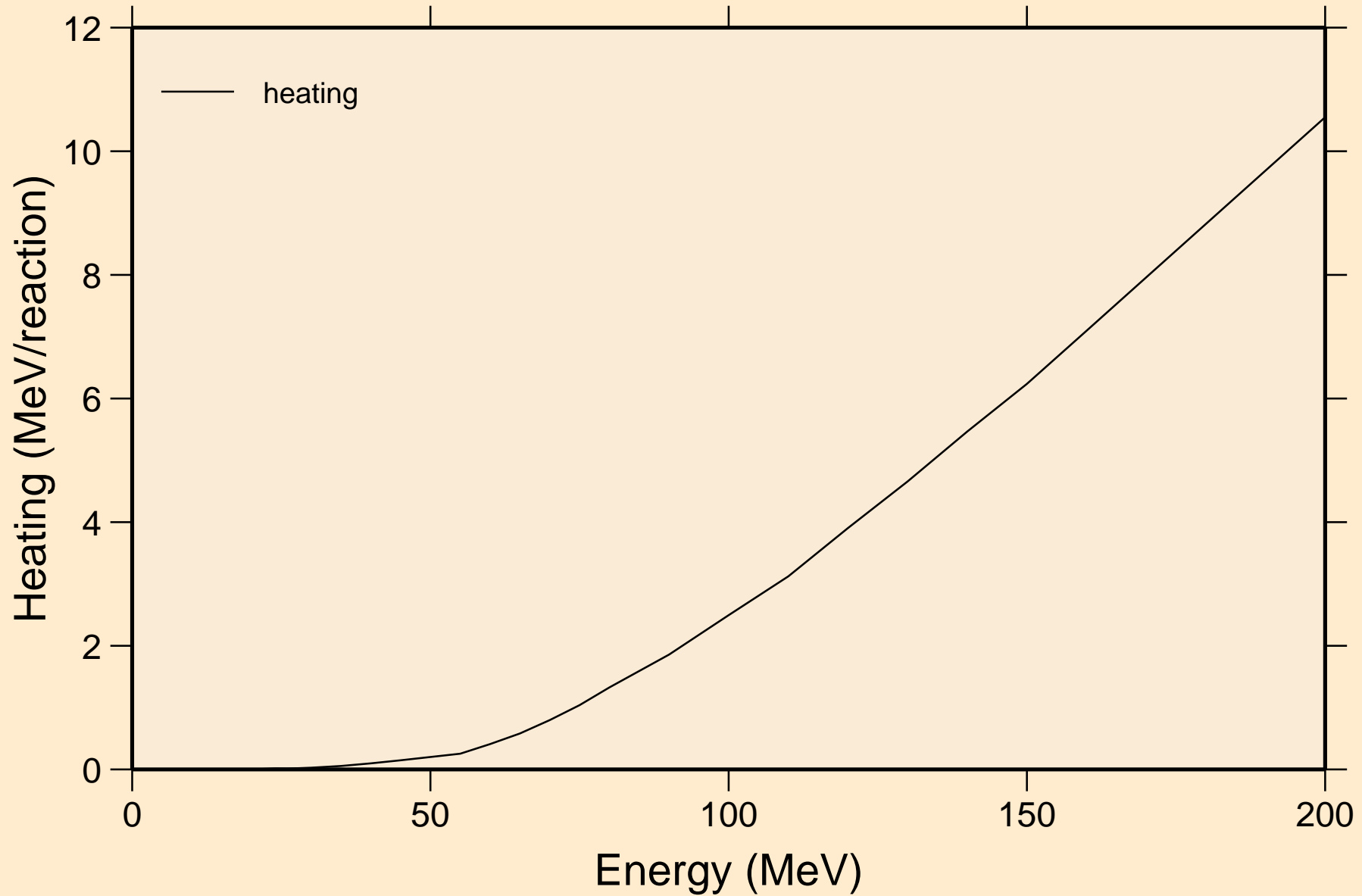
# BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



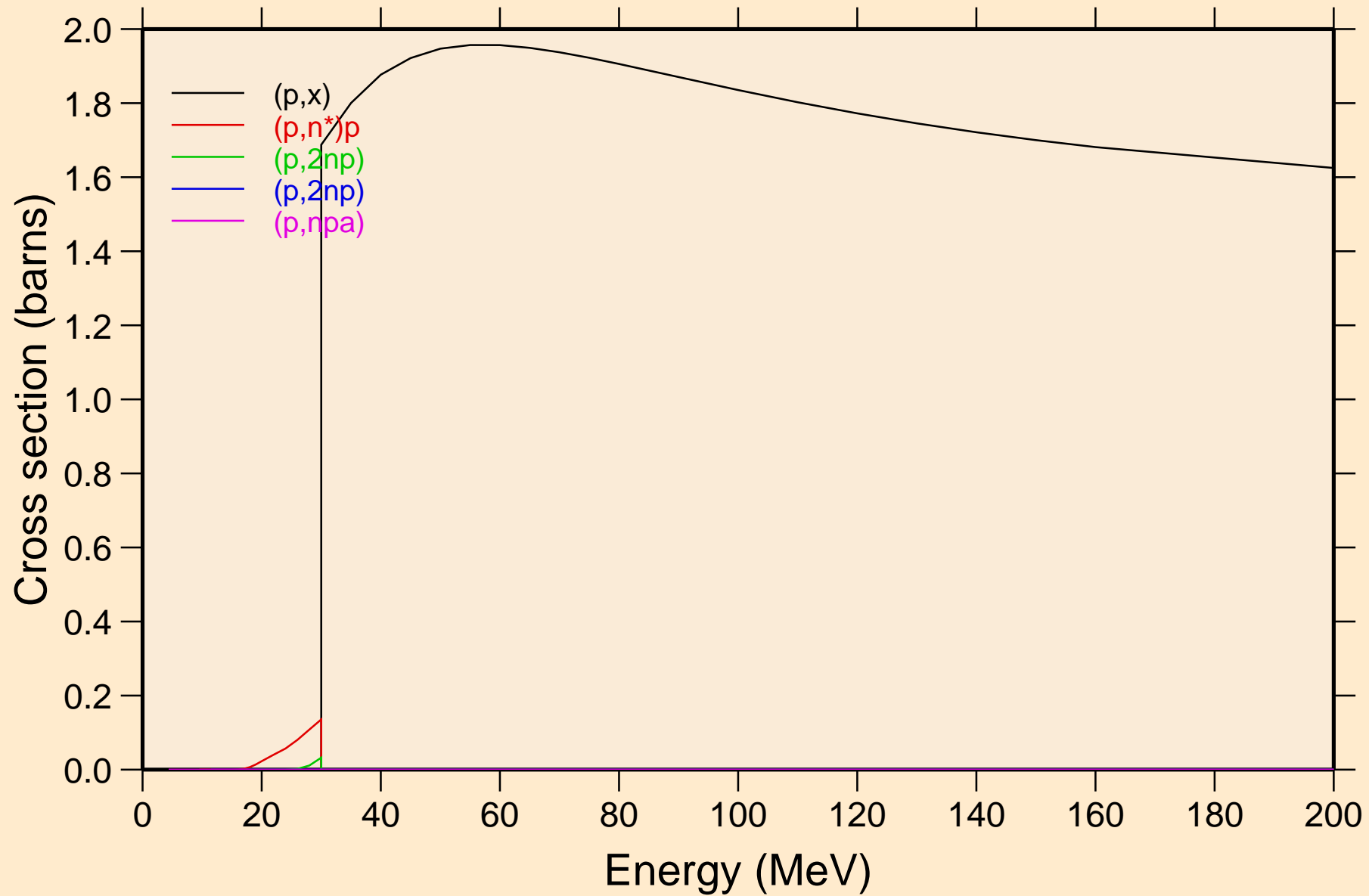
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Heating

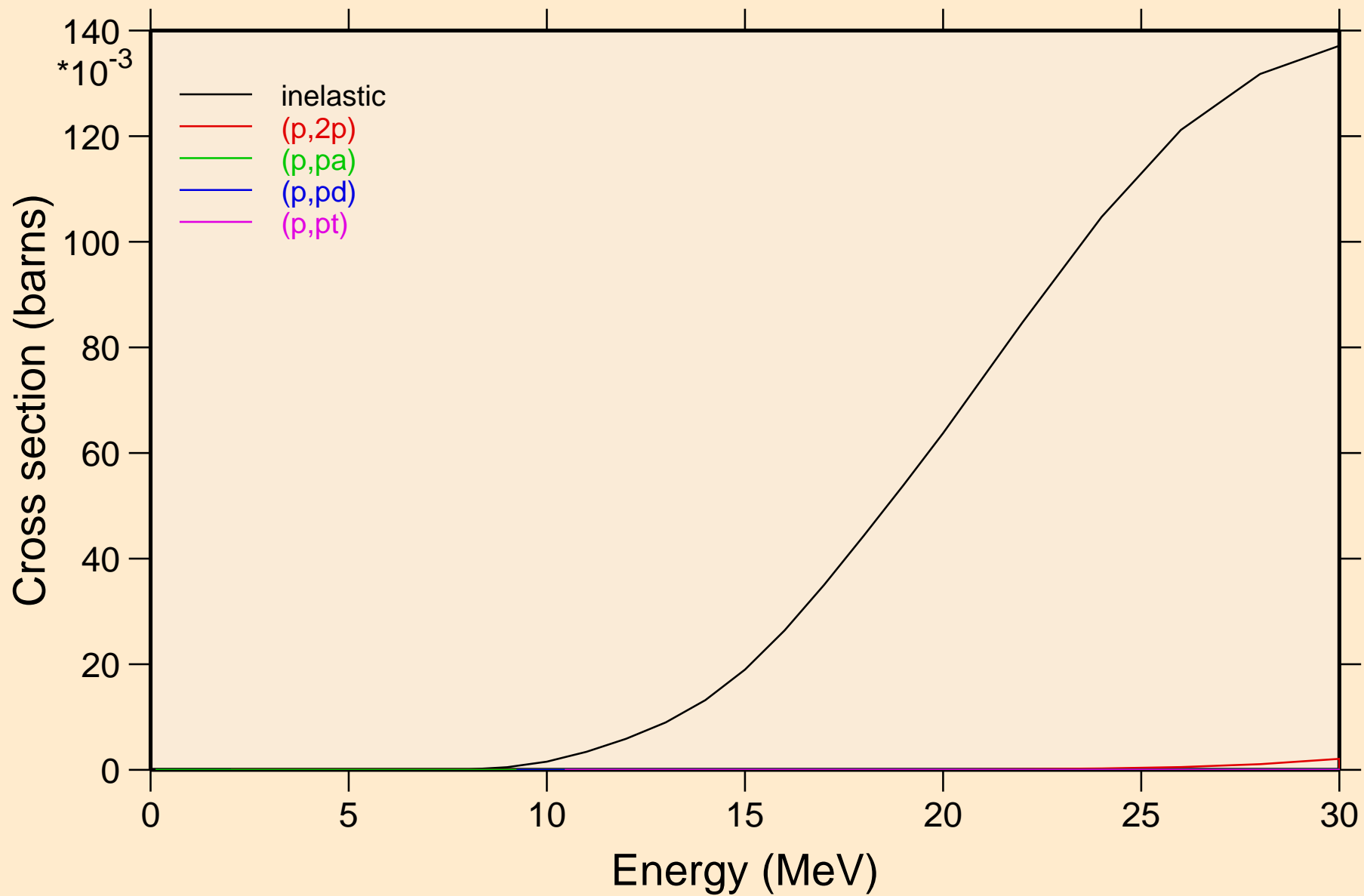


# BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

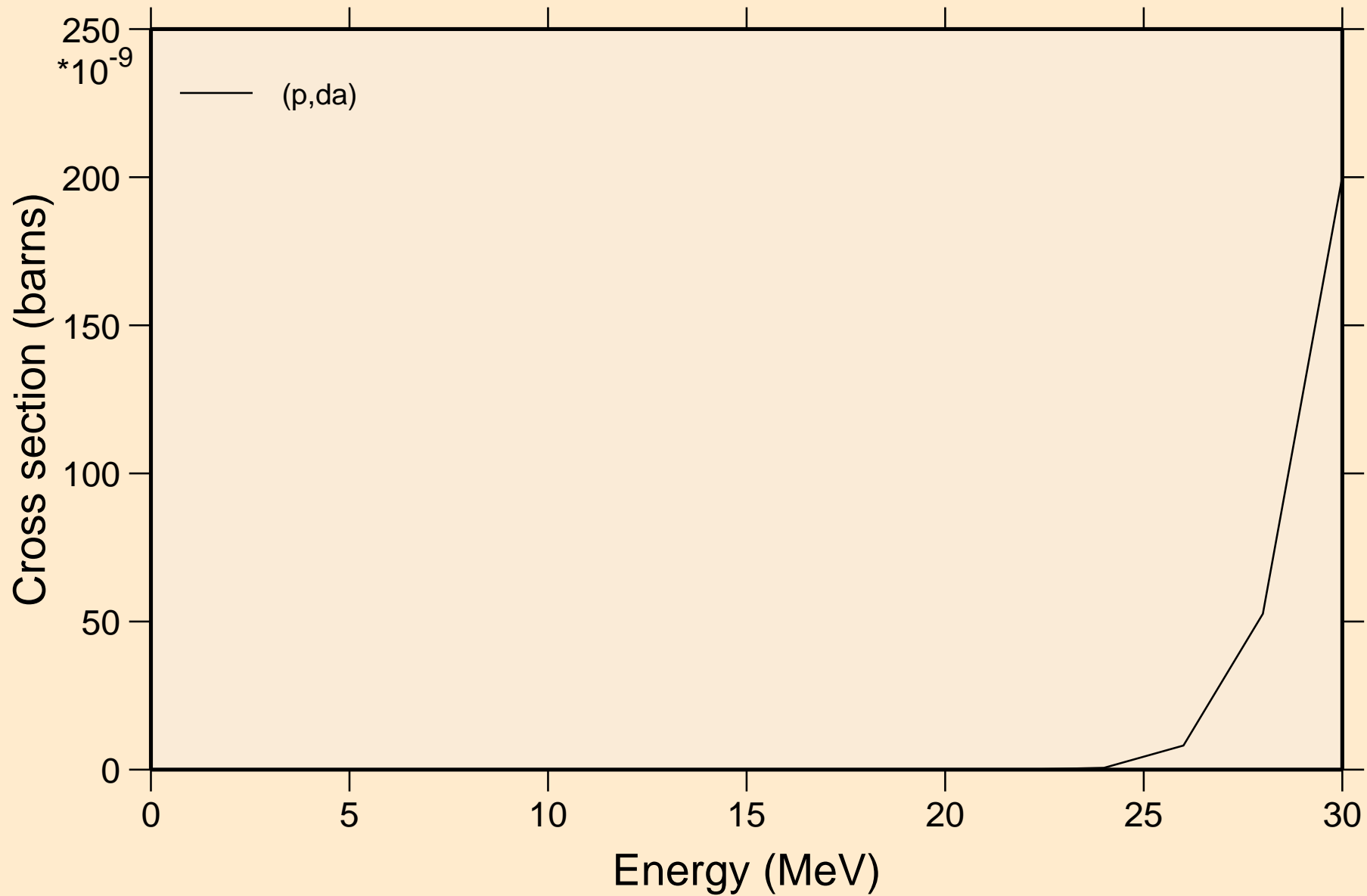
## Threshold reactions



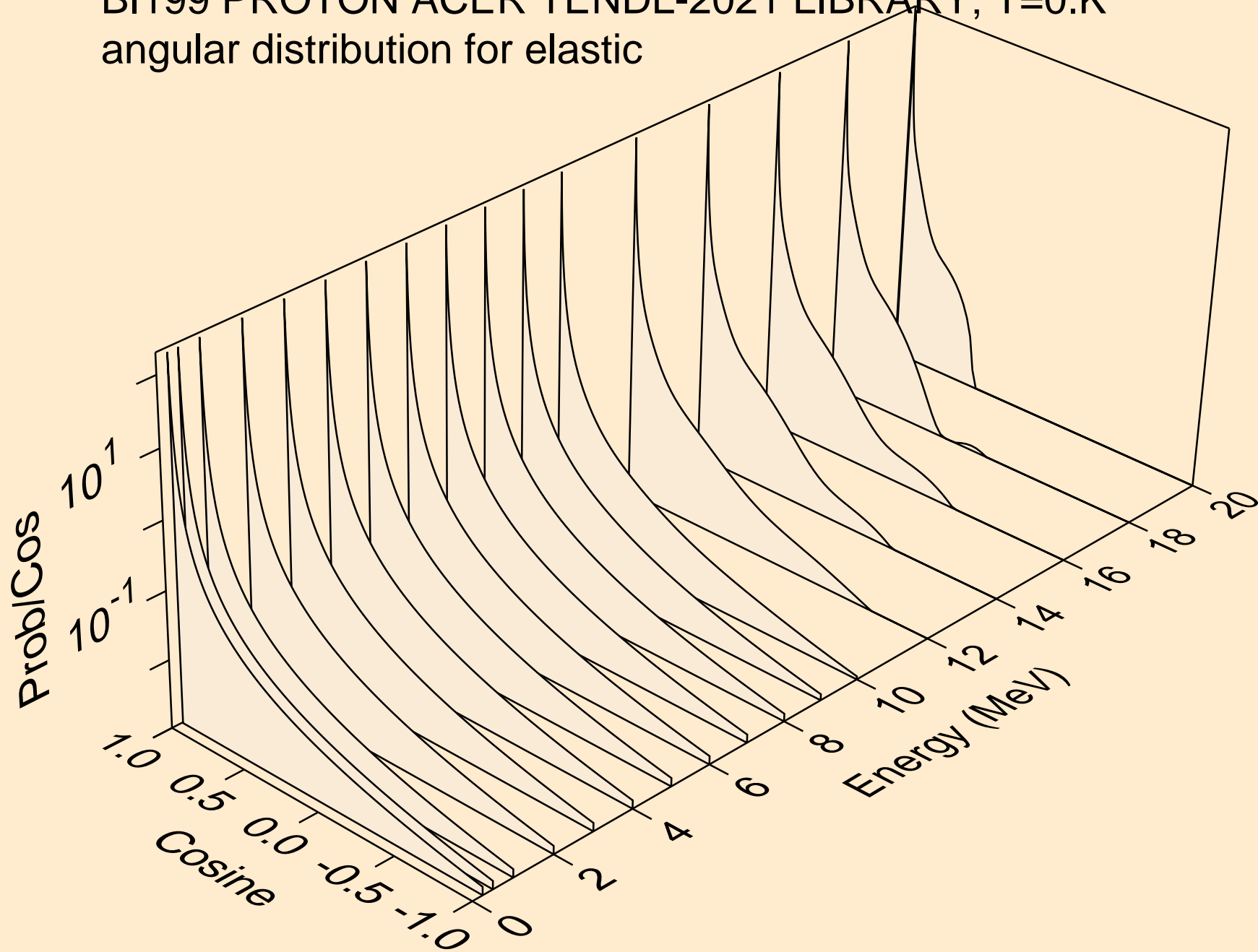
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

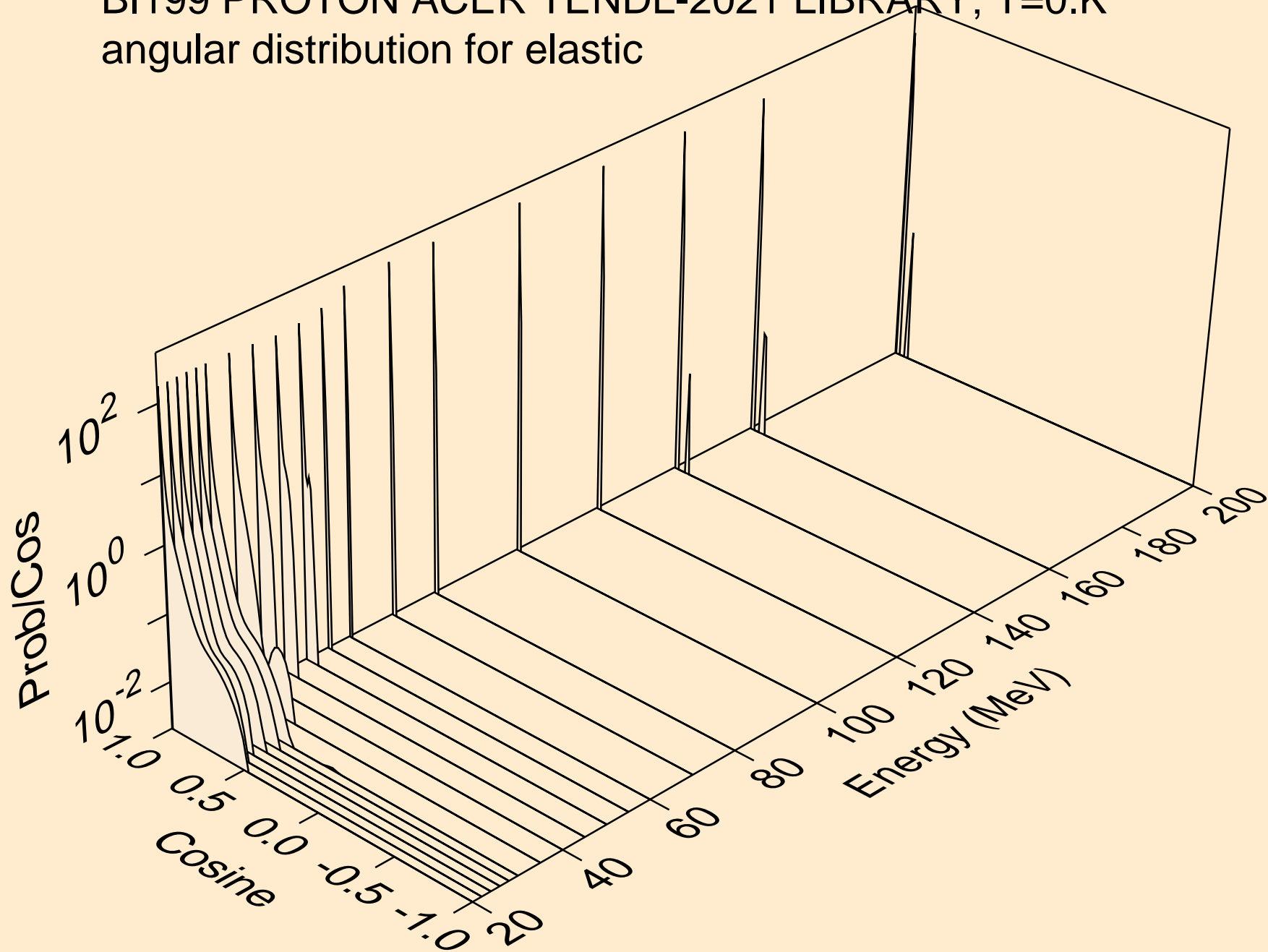


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angular distribution for elastic

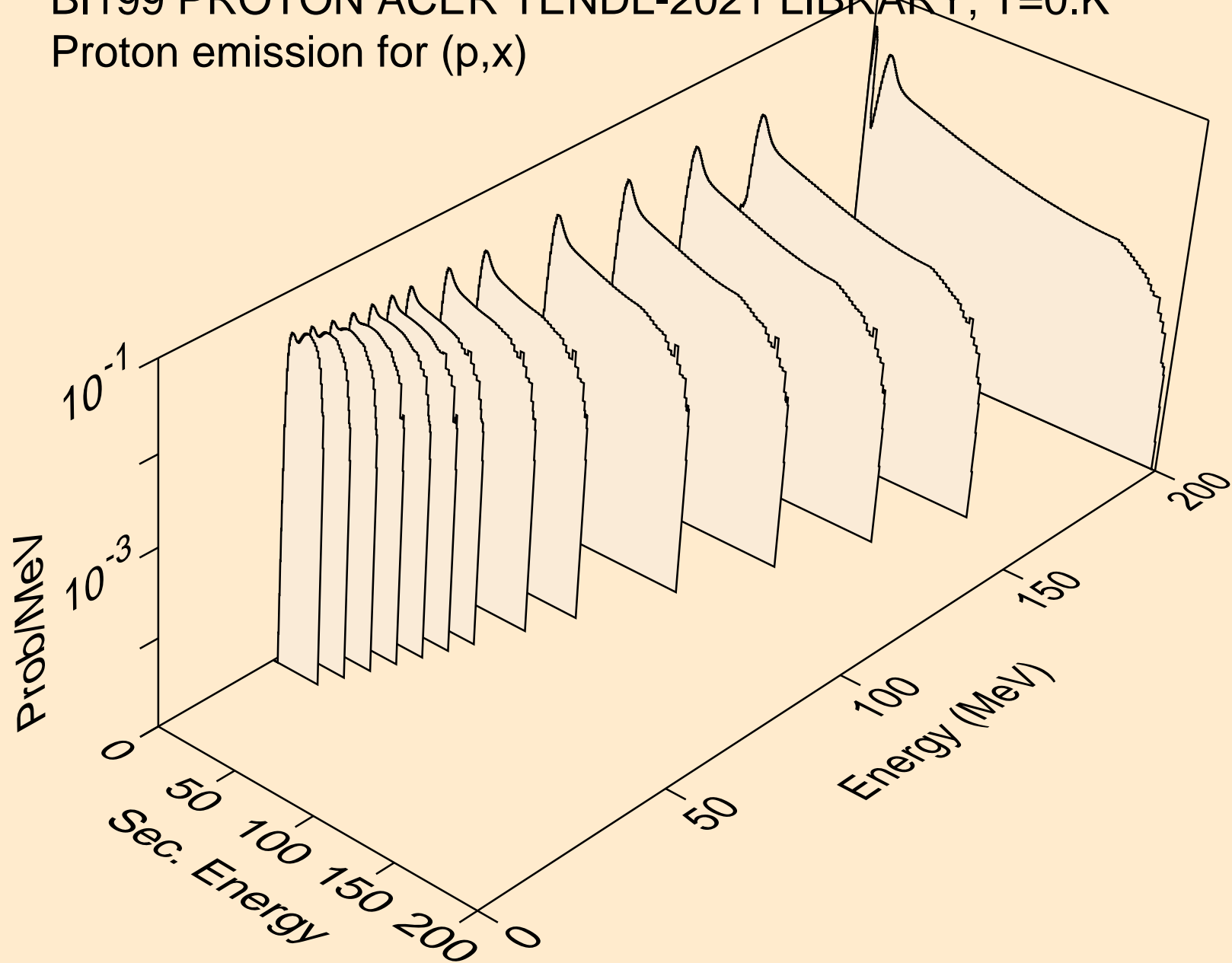




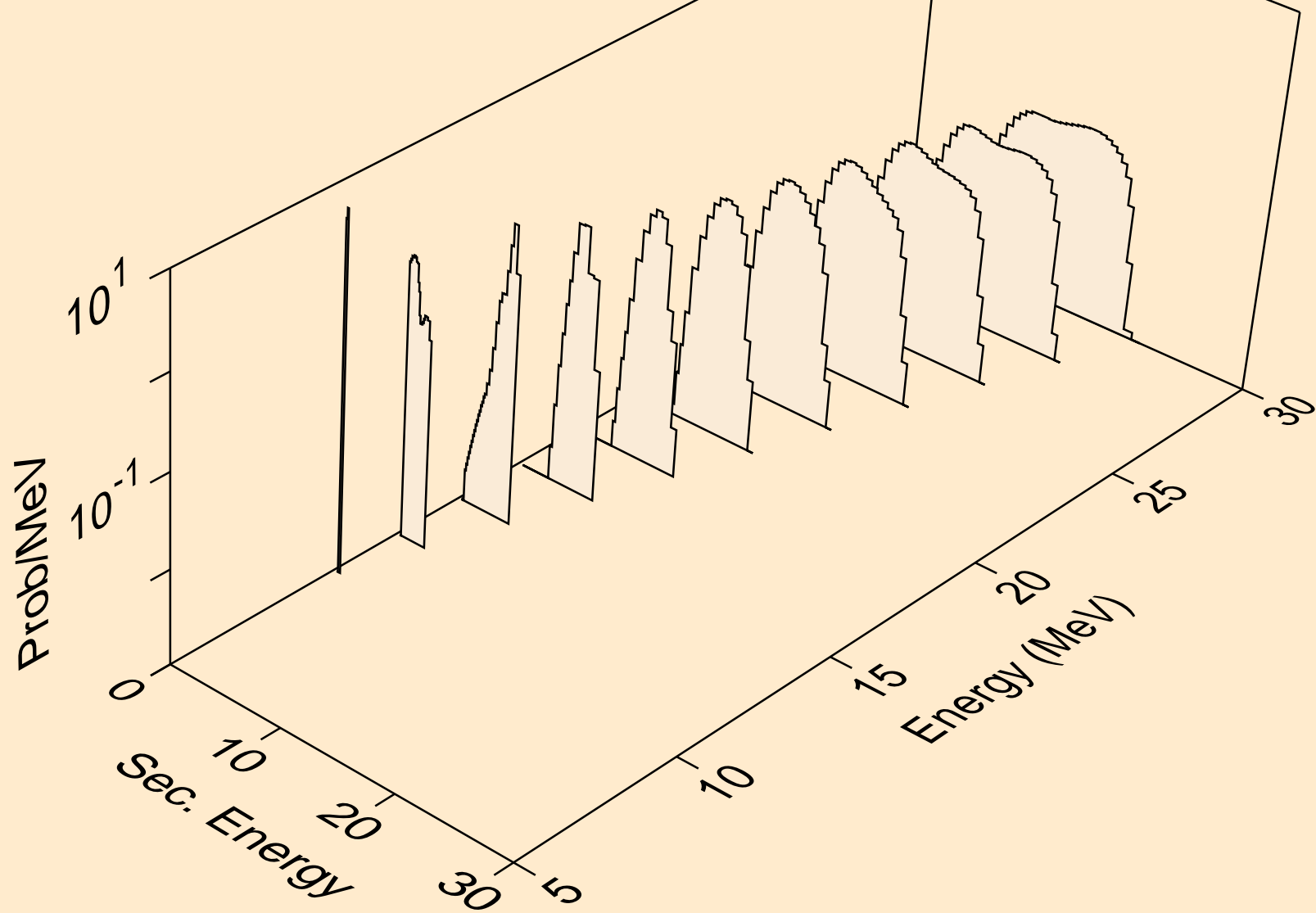
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



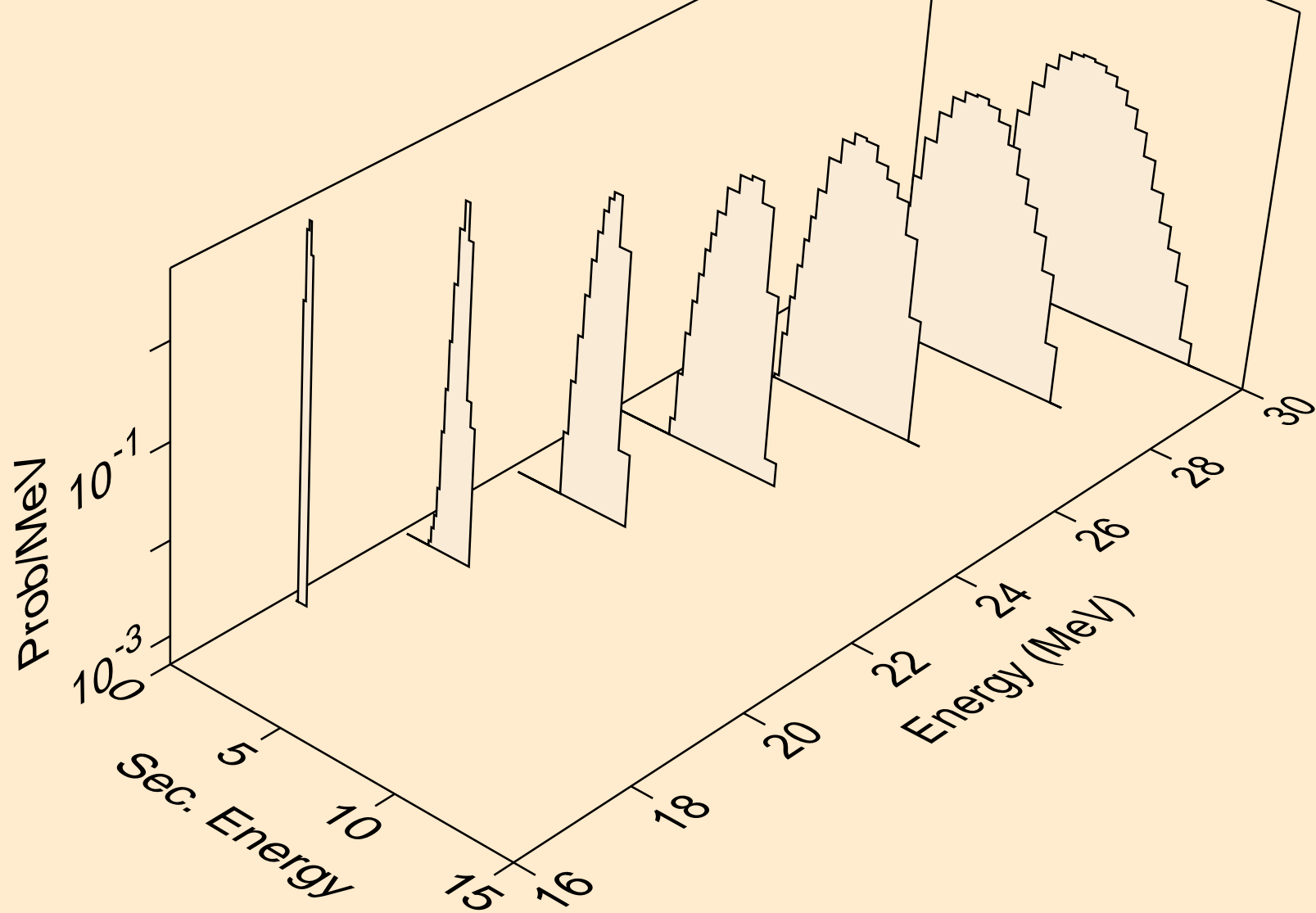
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



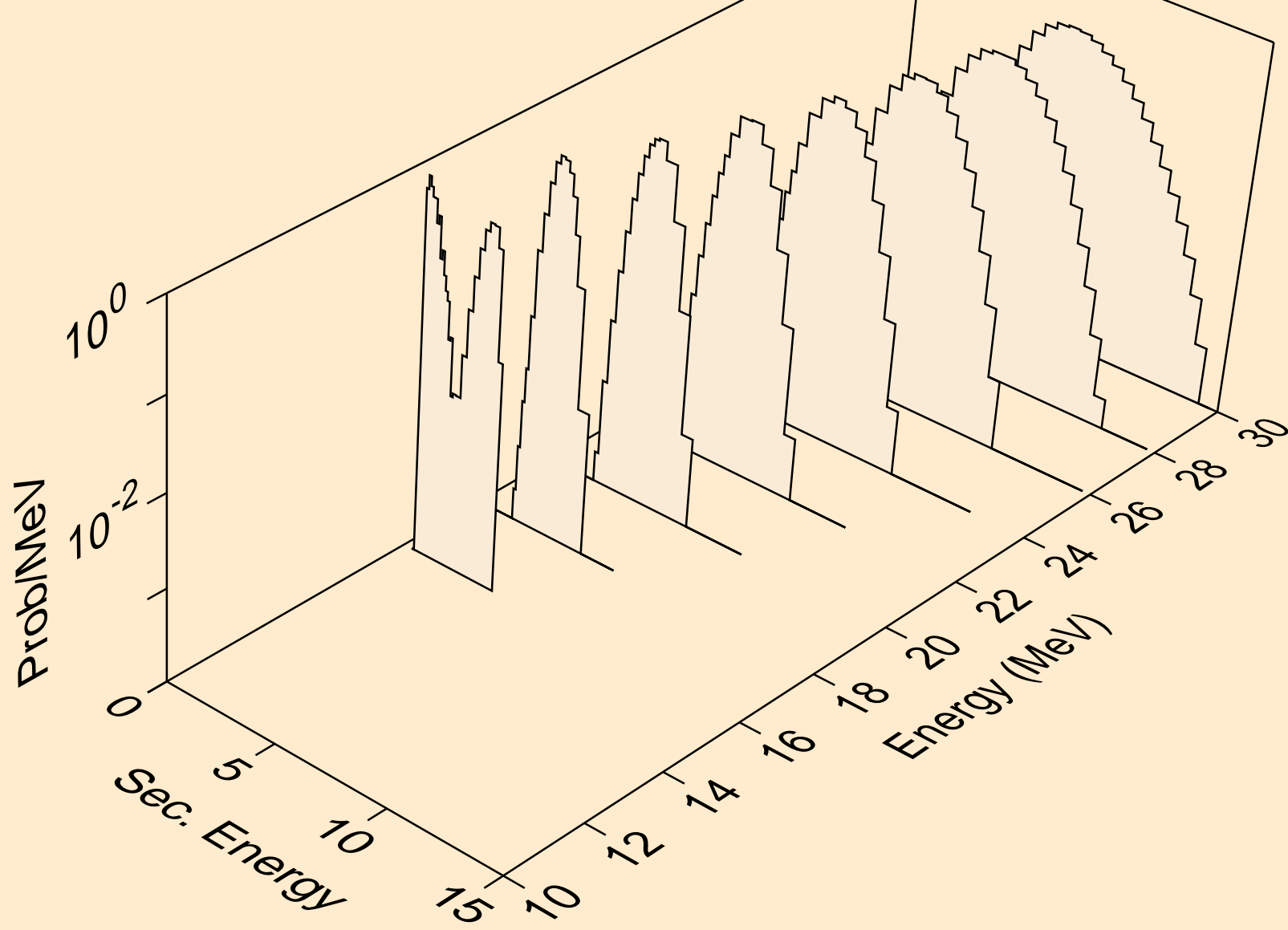
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



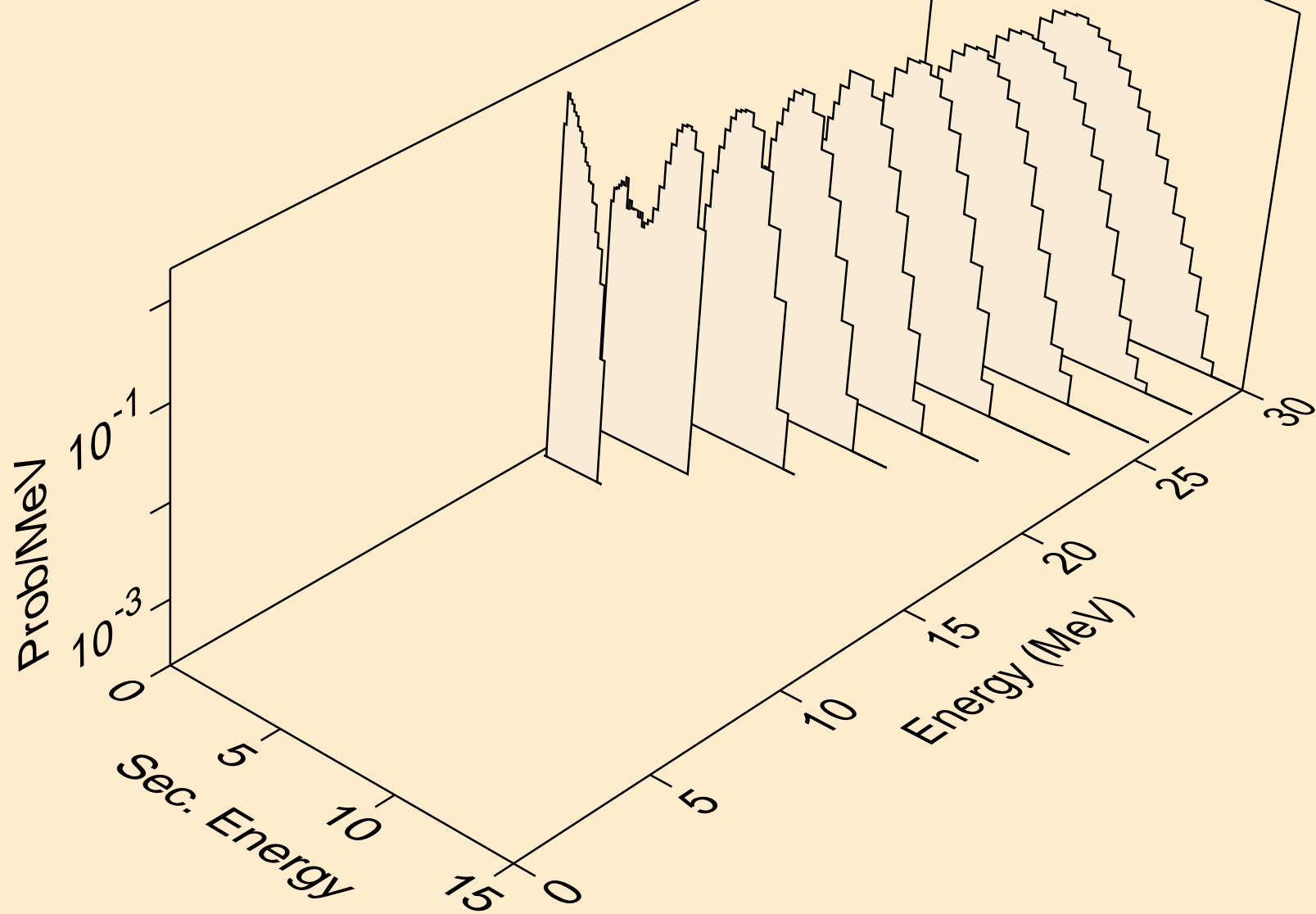
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



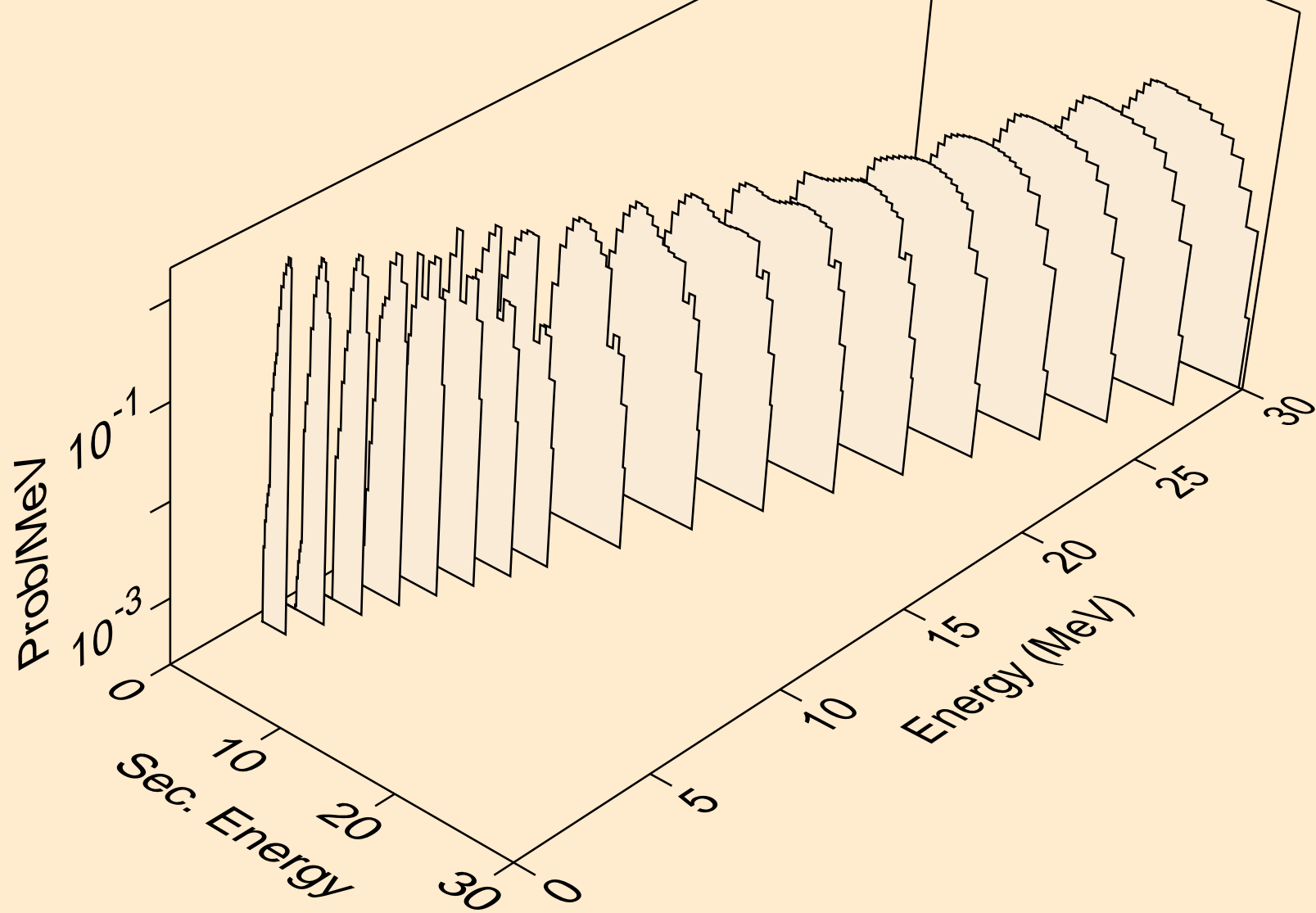
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



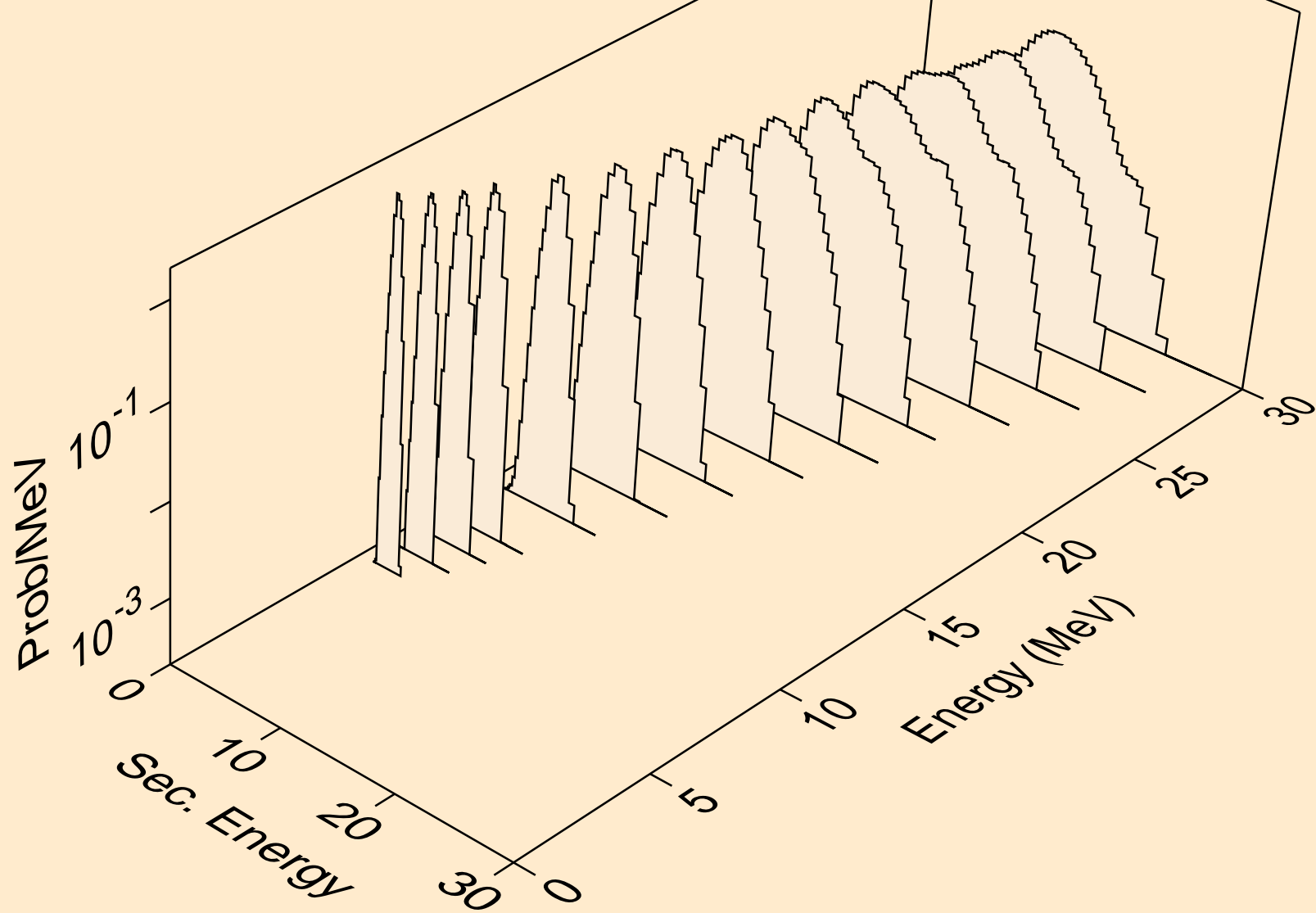
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

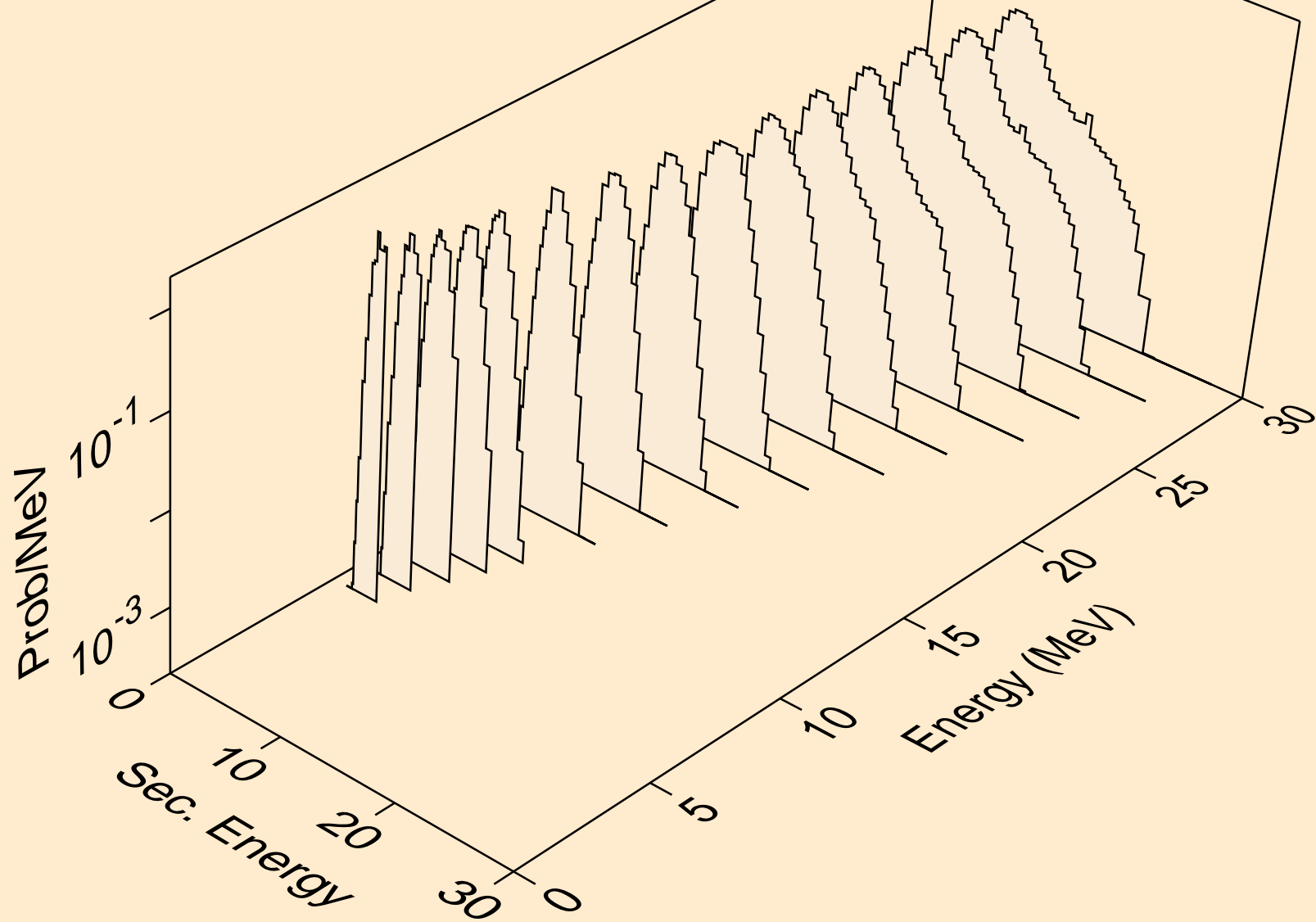


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Proton emission for (p,2p)

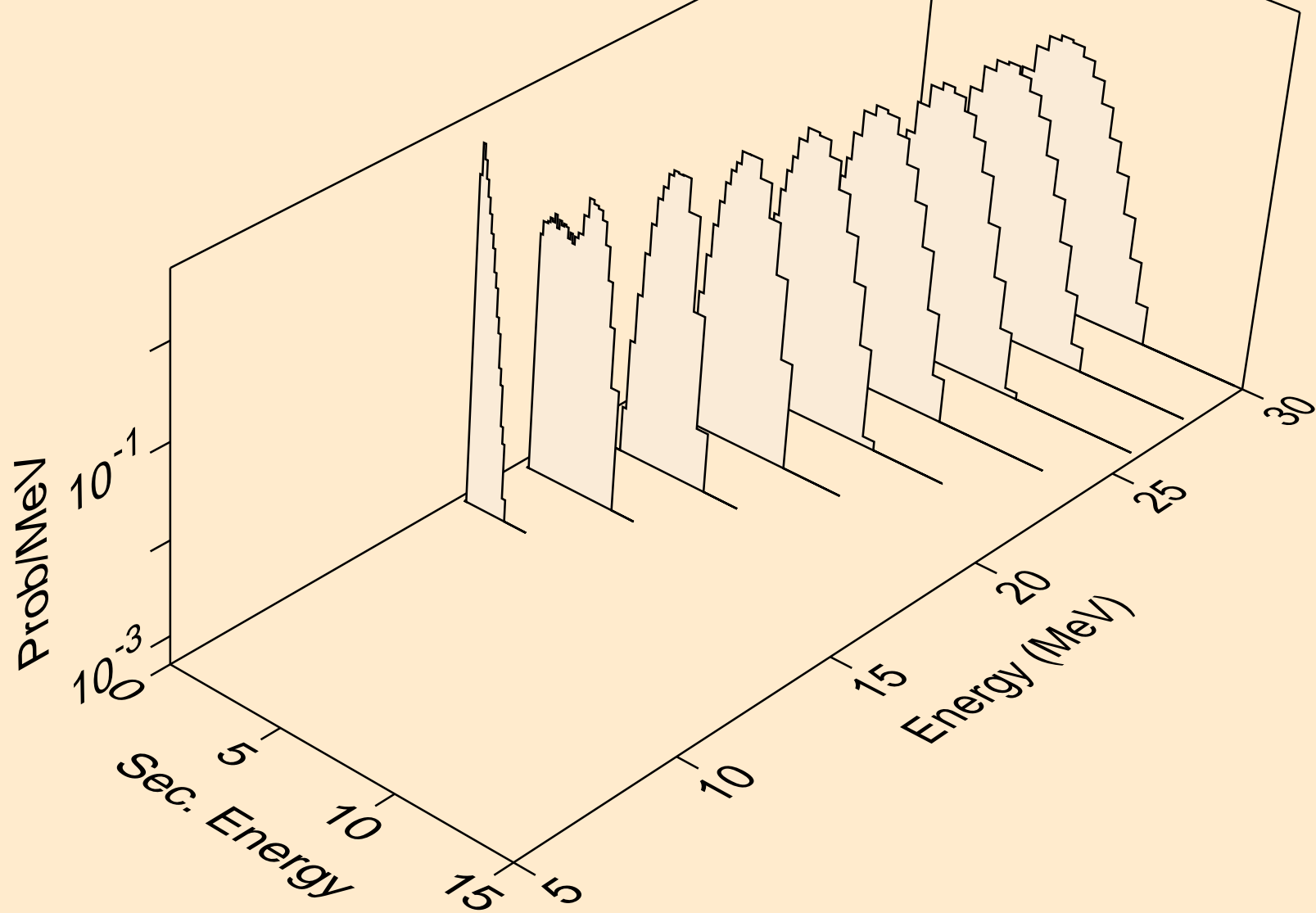




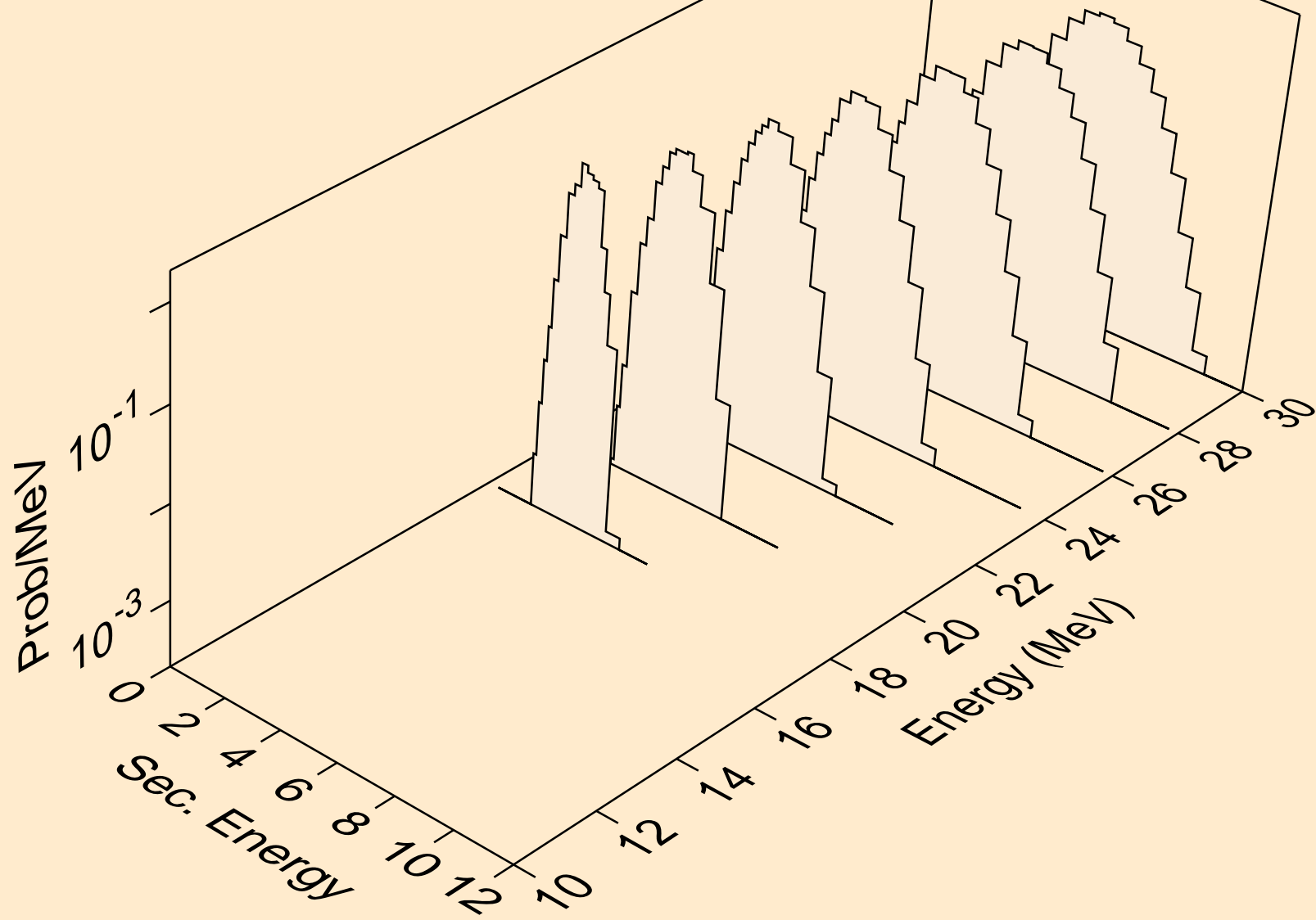
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Proton emission for (p,pa)



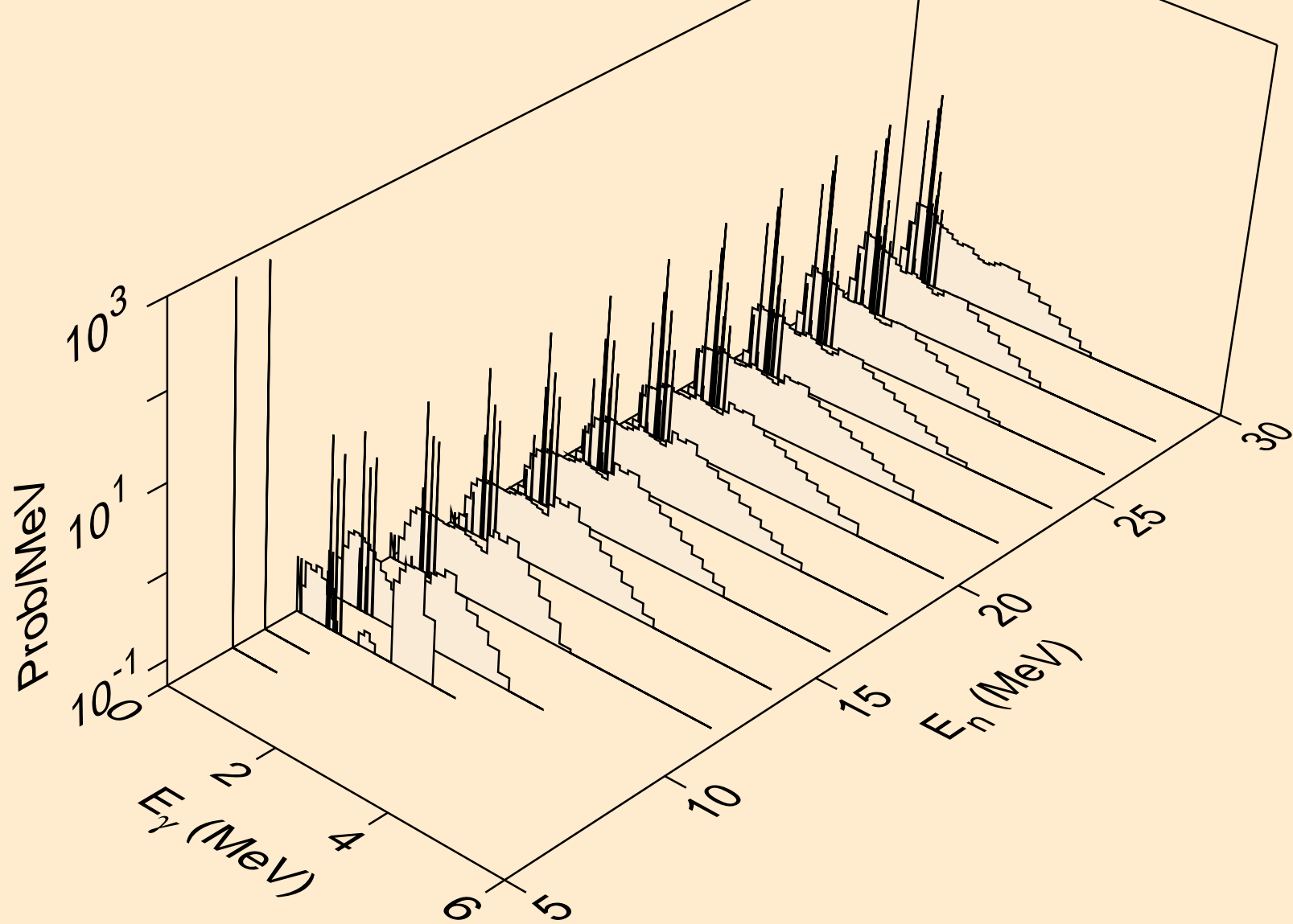
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



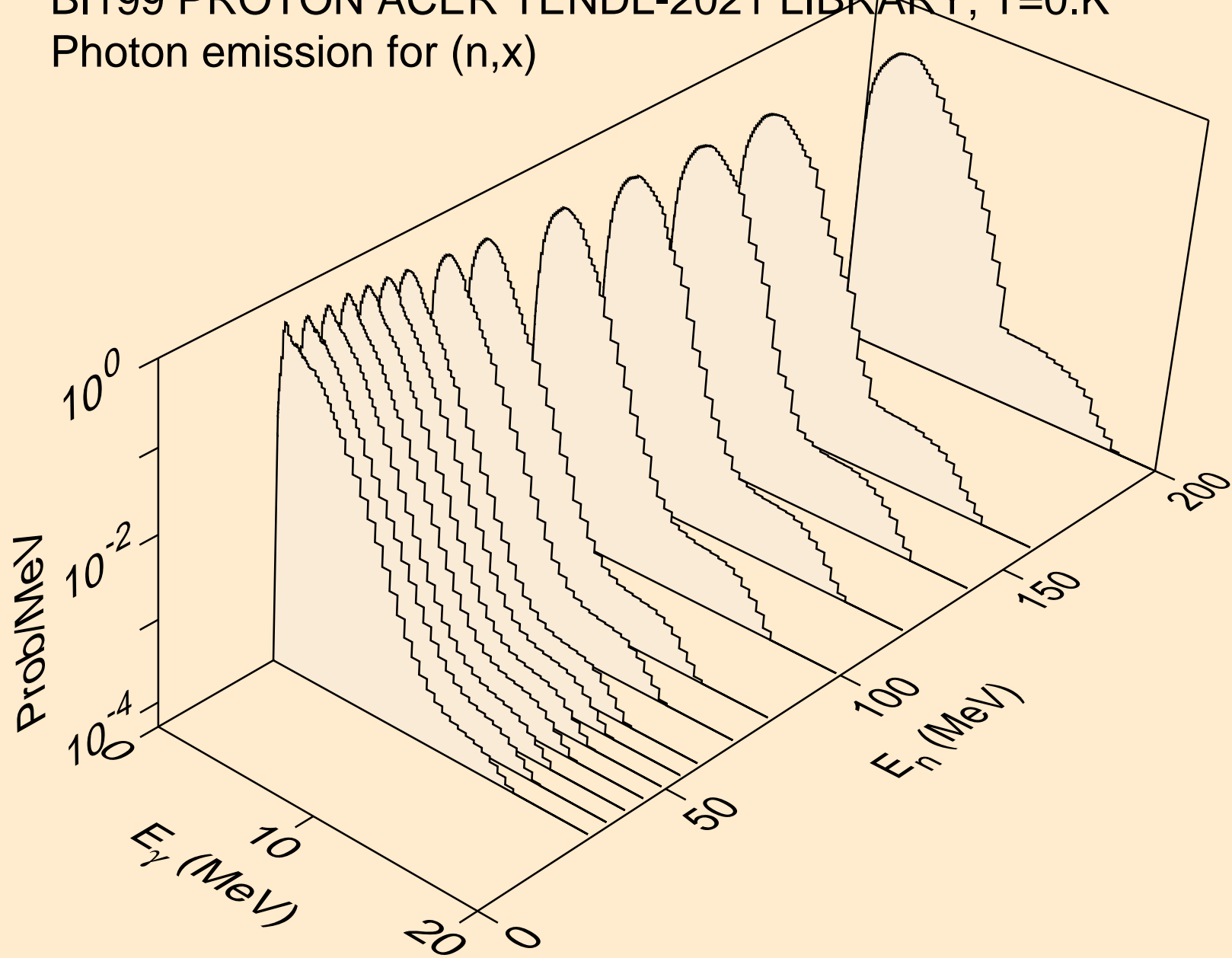
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Proton emission for (p,pt)



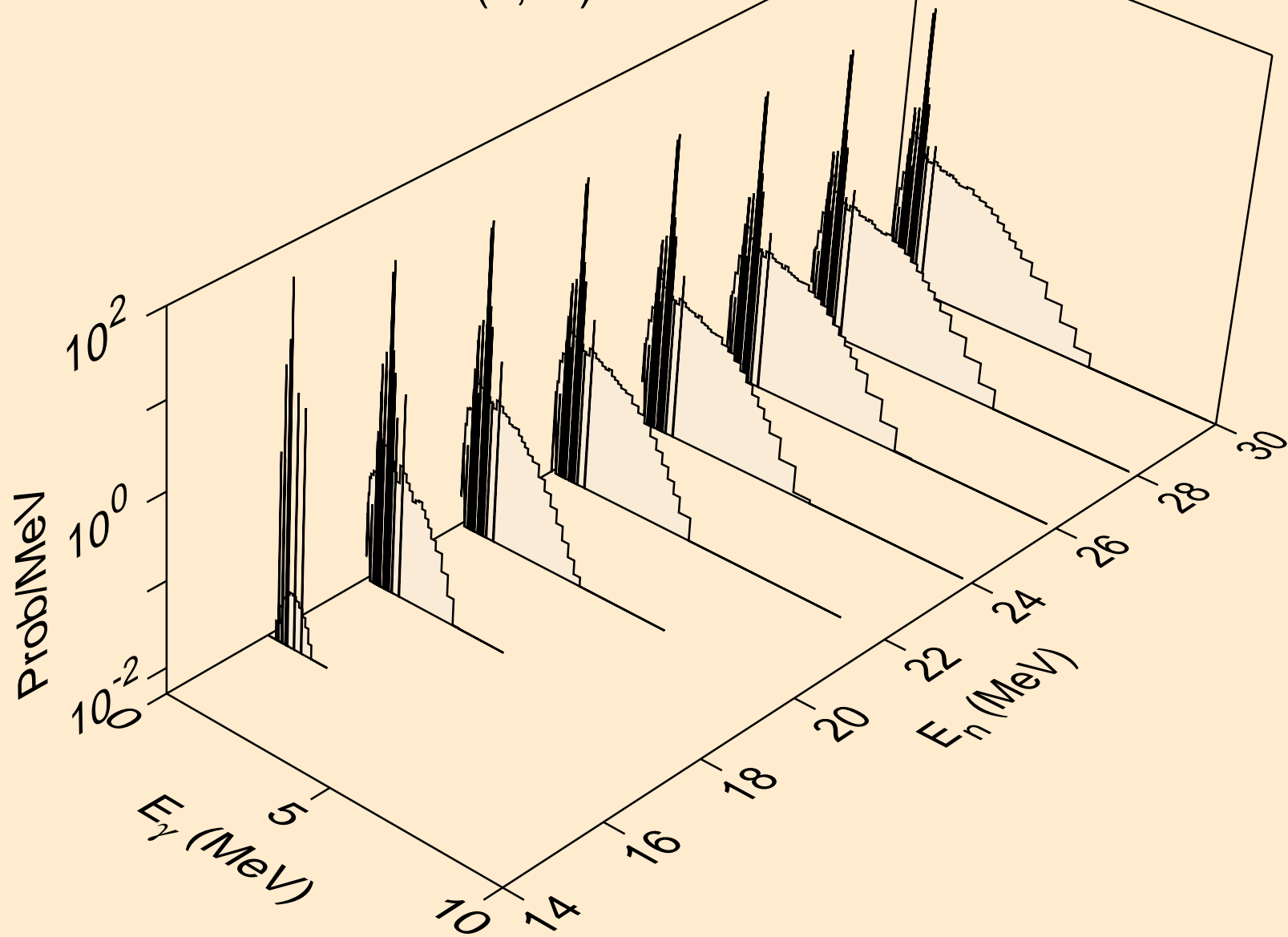
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Photon emission for (z,n)



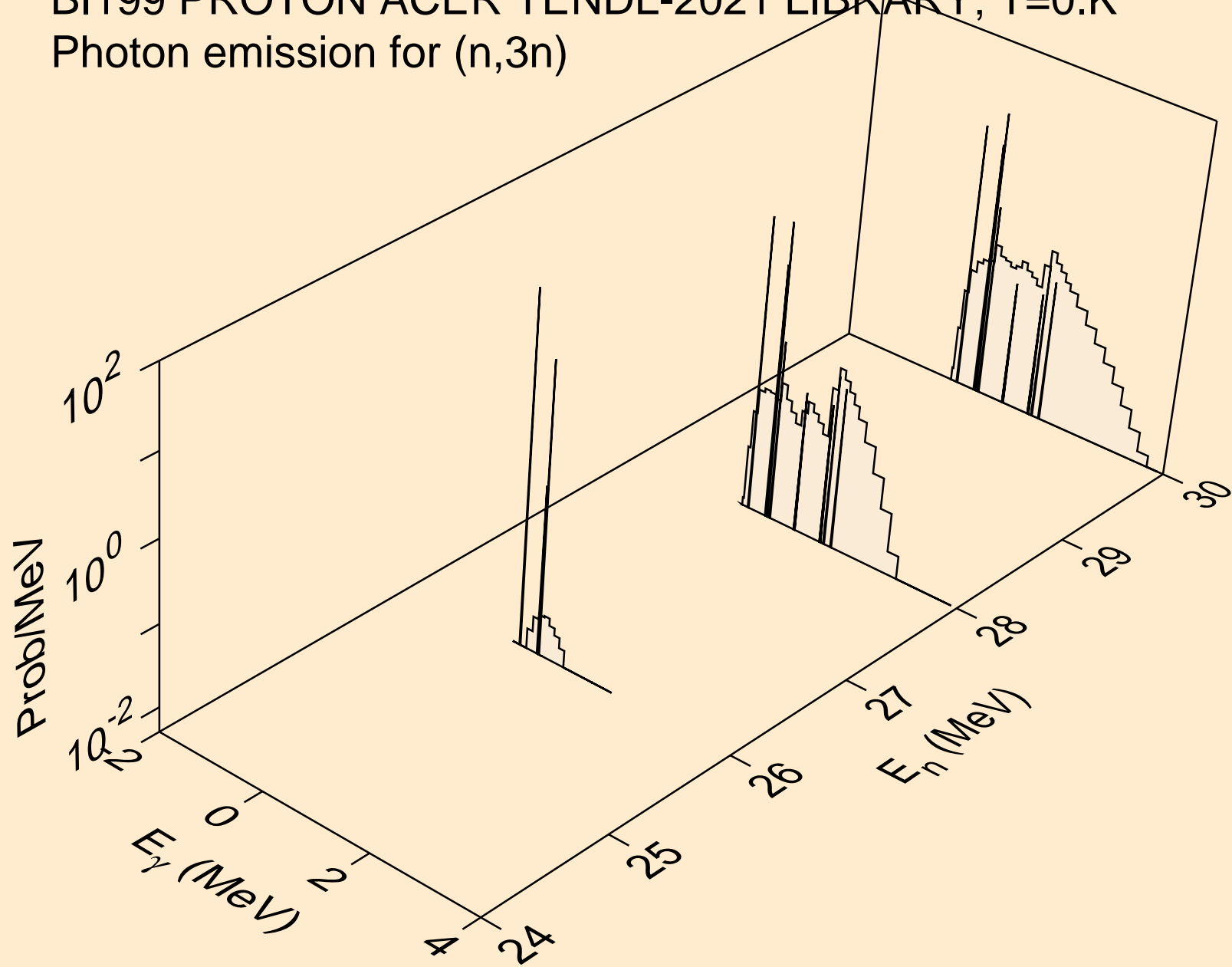
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Photon emission for (n,x)



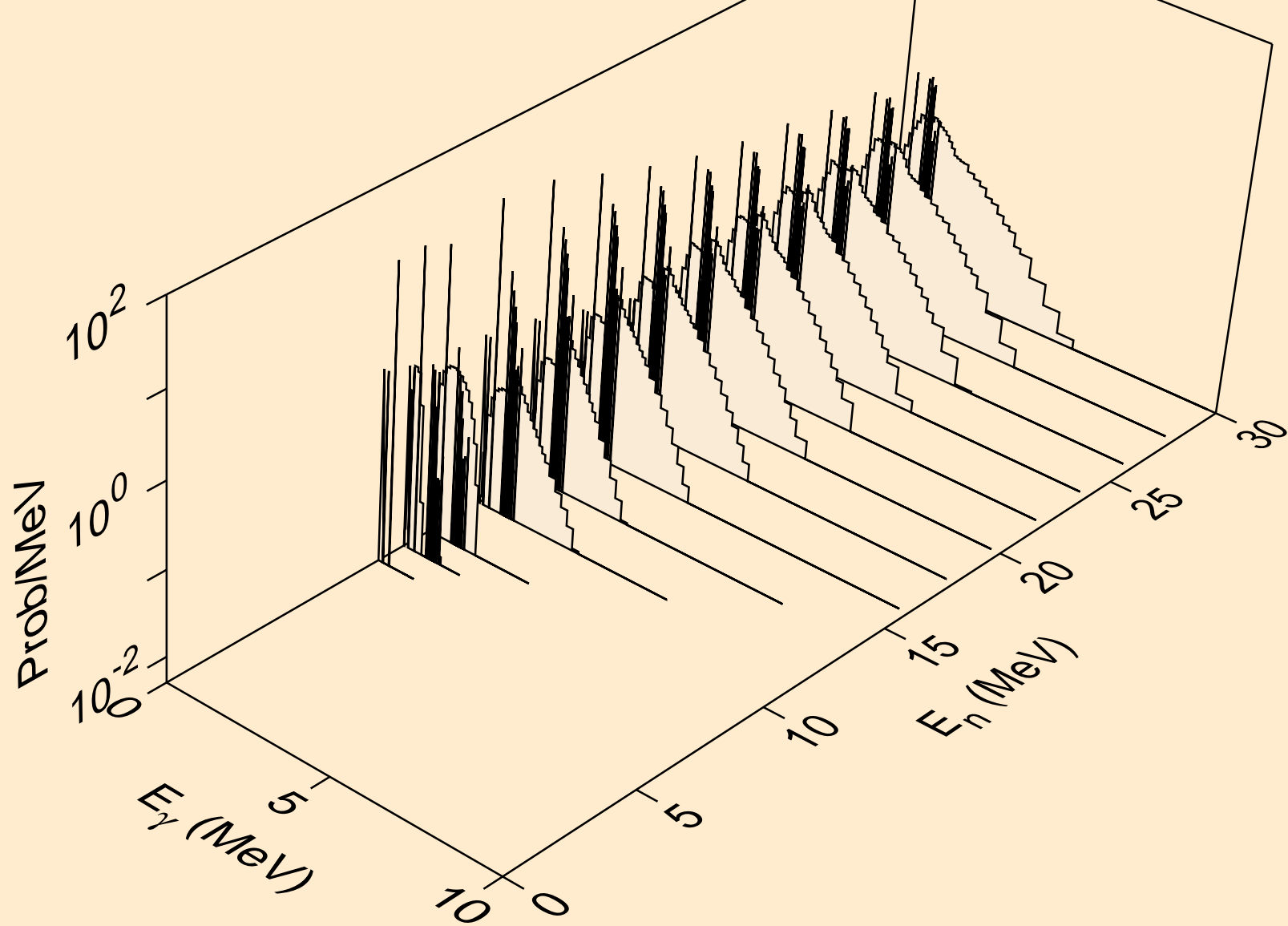
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

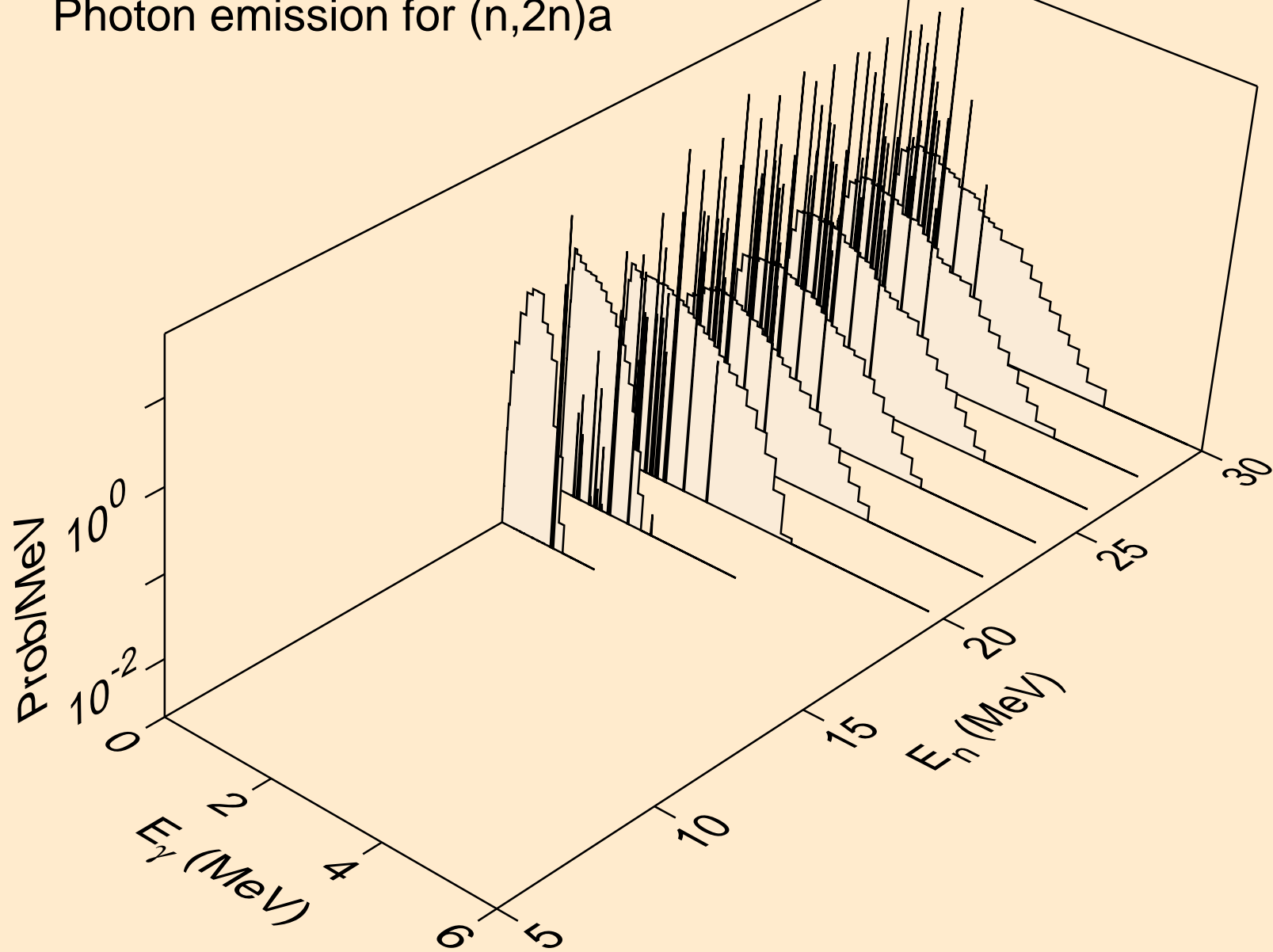


BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

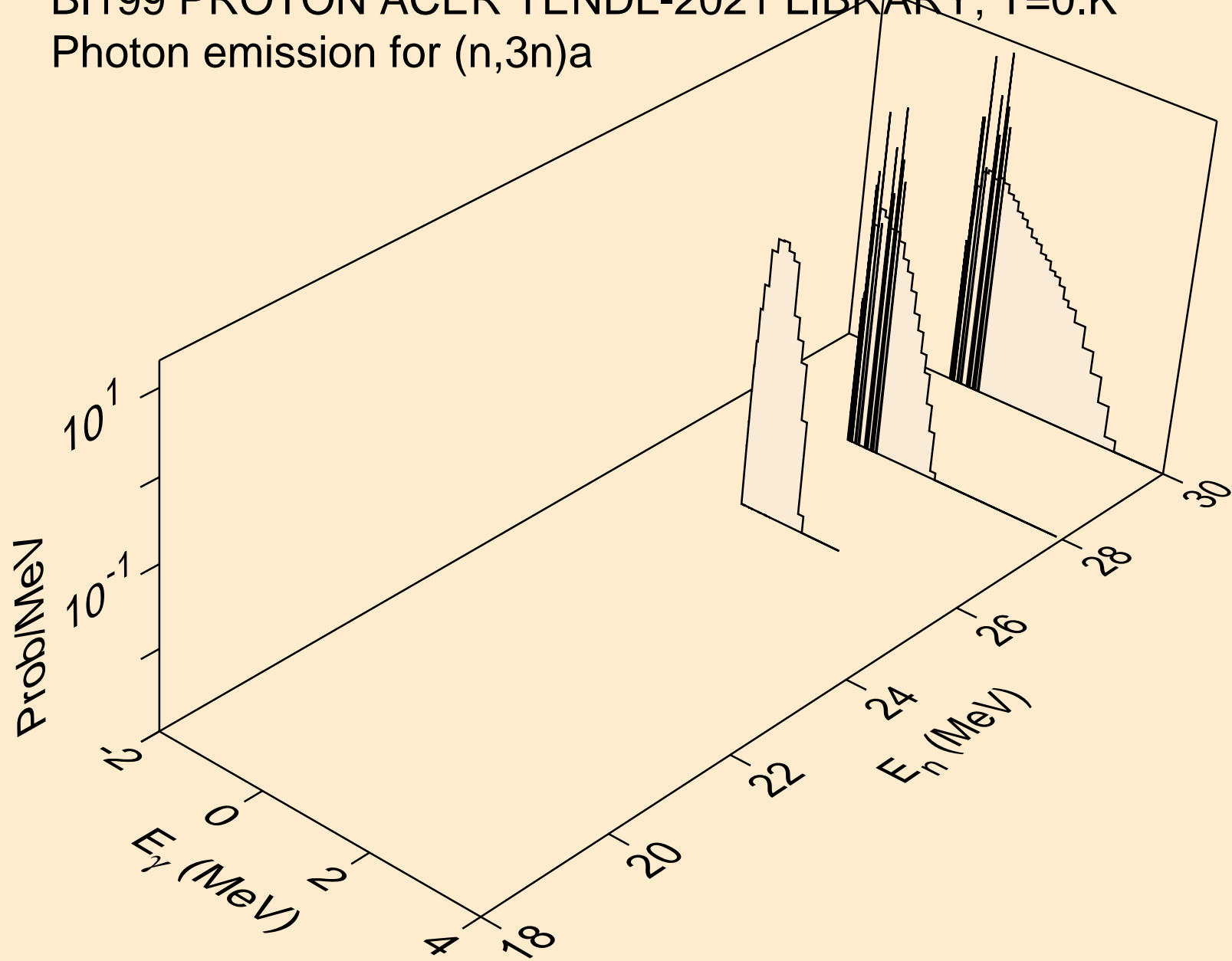




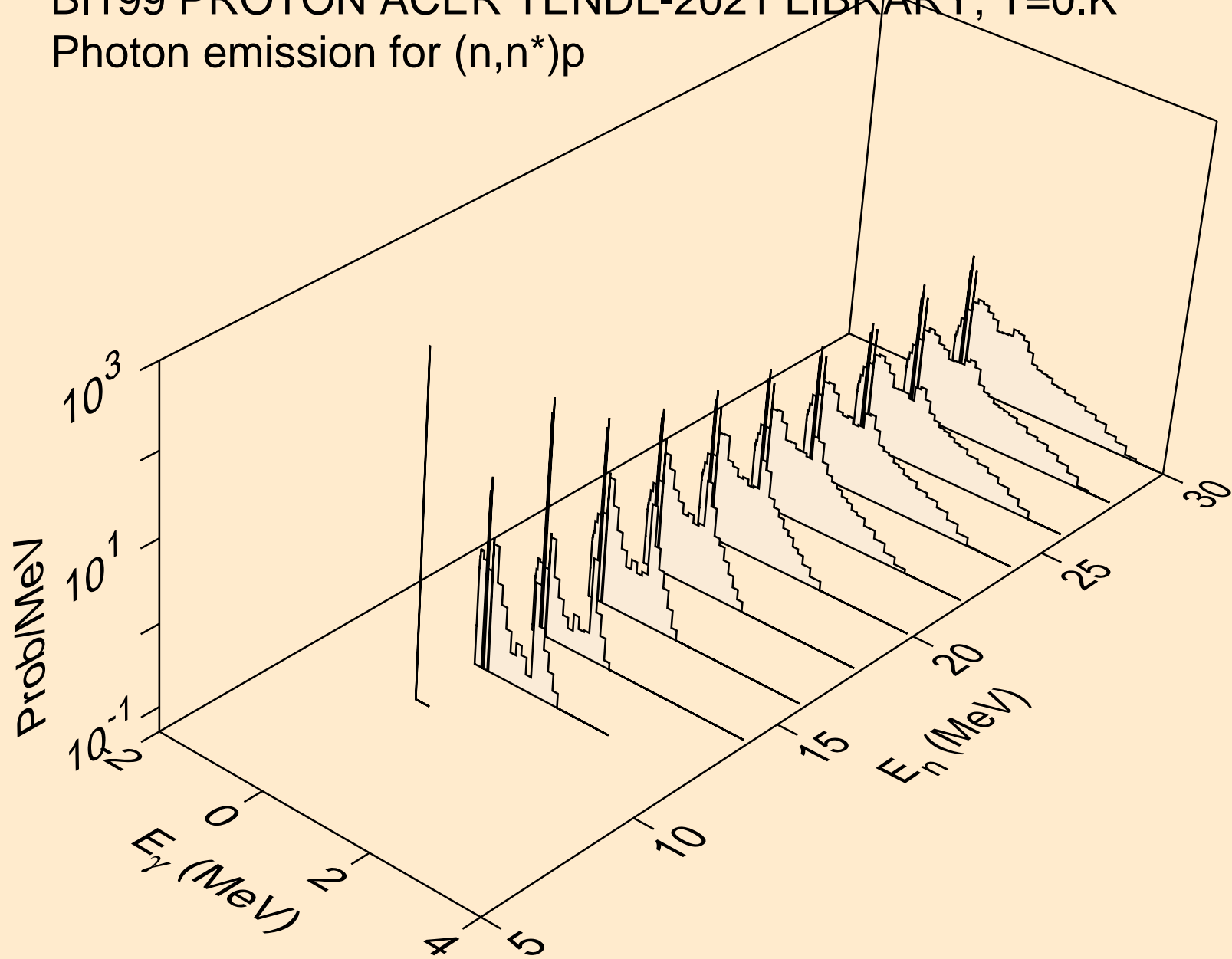
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Photon emission for (n,2n)a



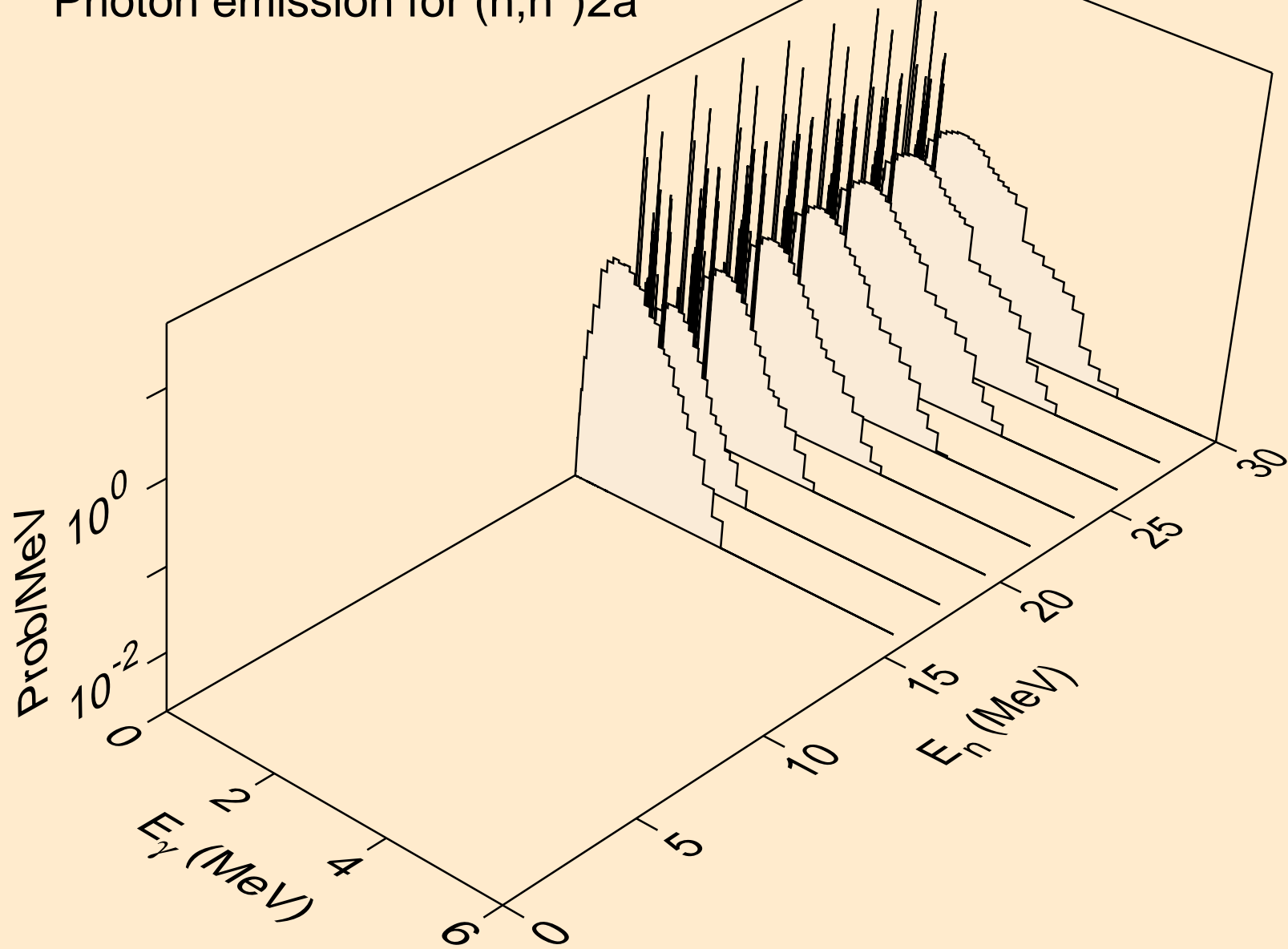
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Photon emission for (n,3n)a



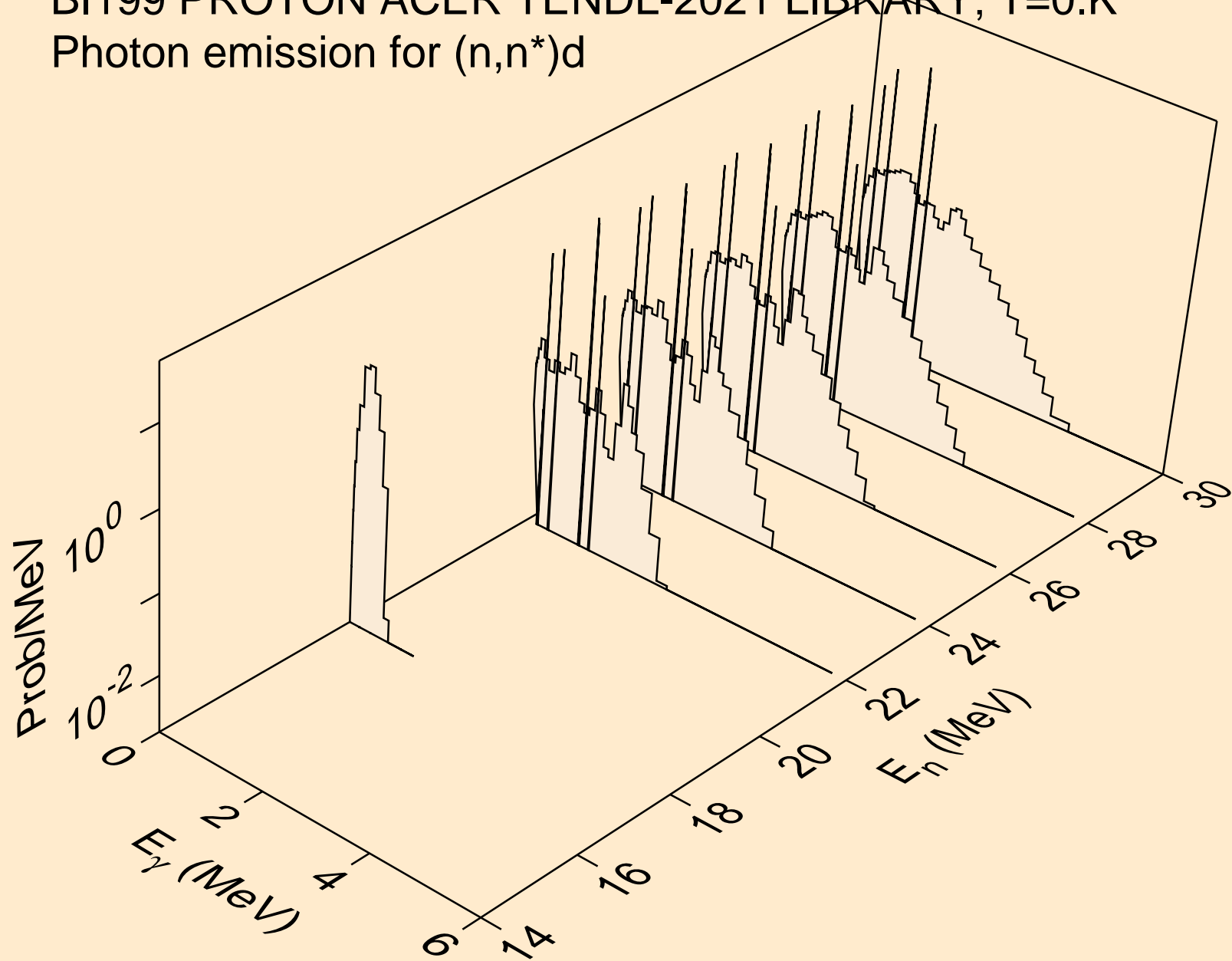
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Photon emission for (n,n\*)p



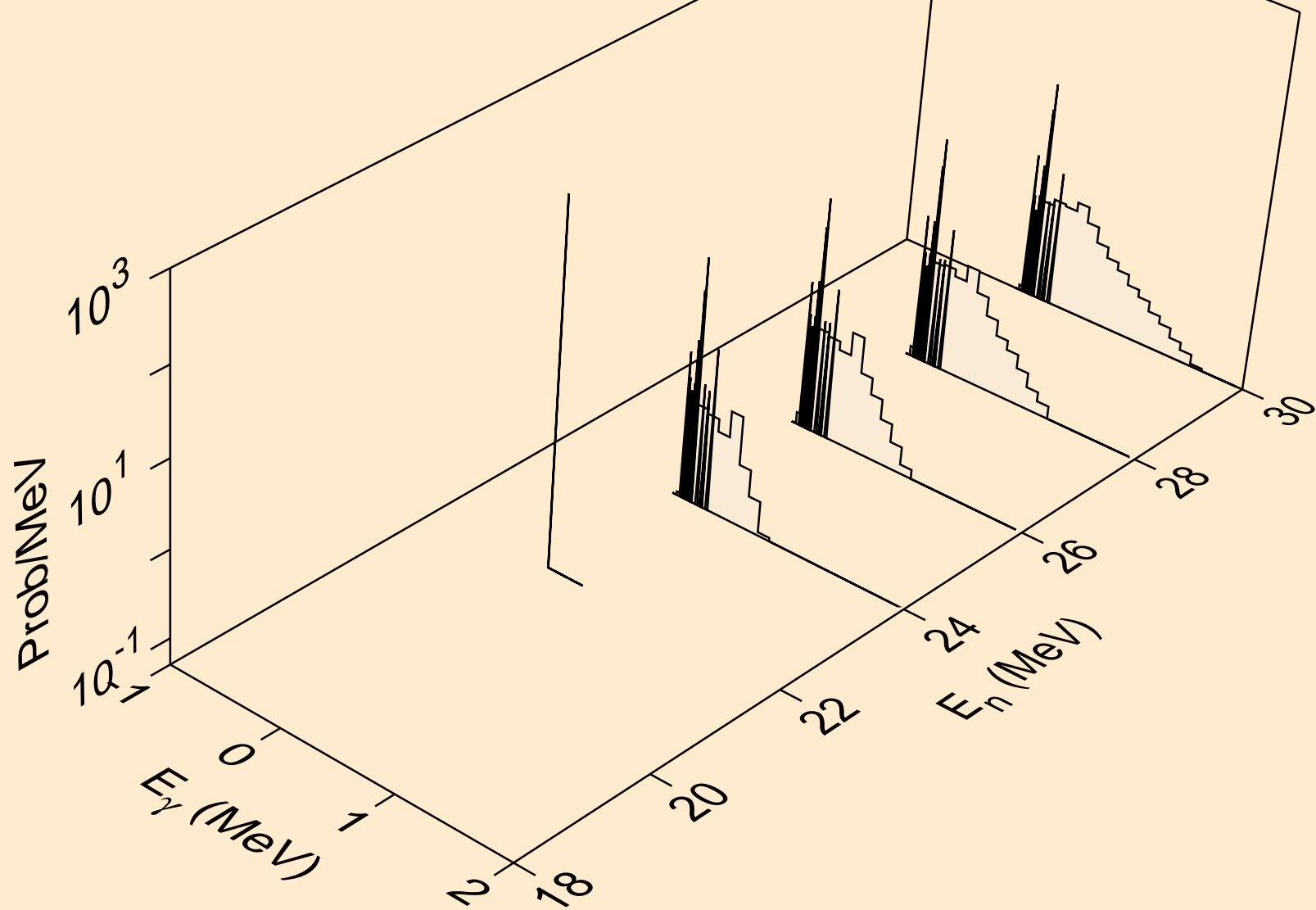
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Photon emission for (n,n\*)2a



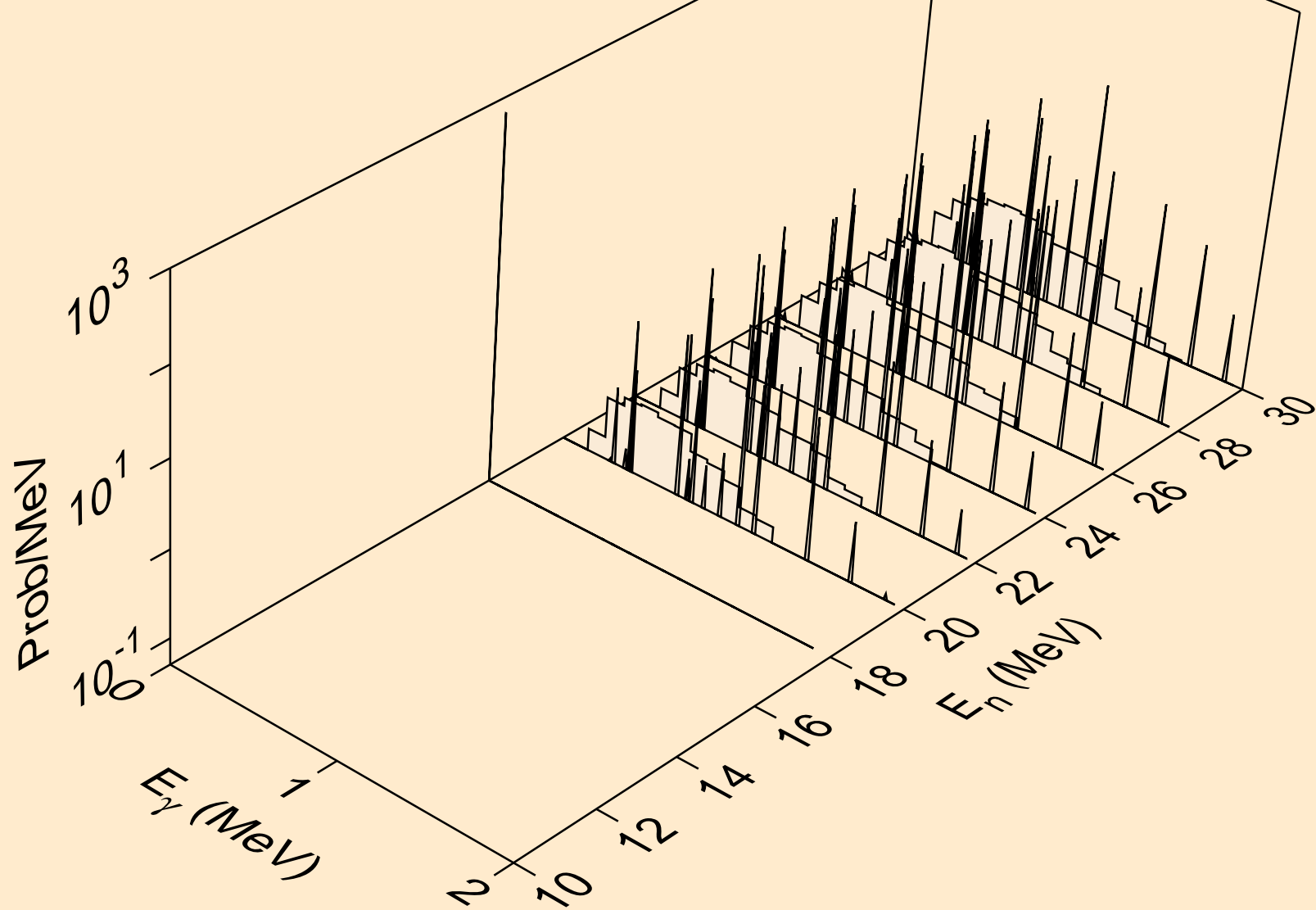
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Photon emission for (n,n\*)d



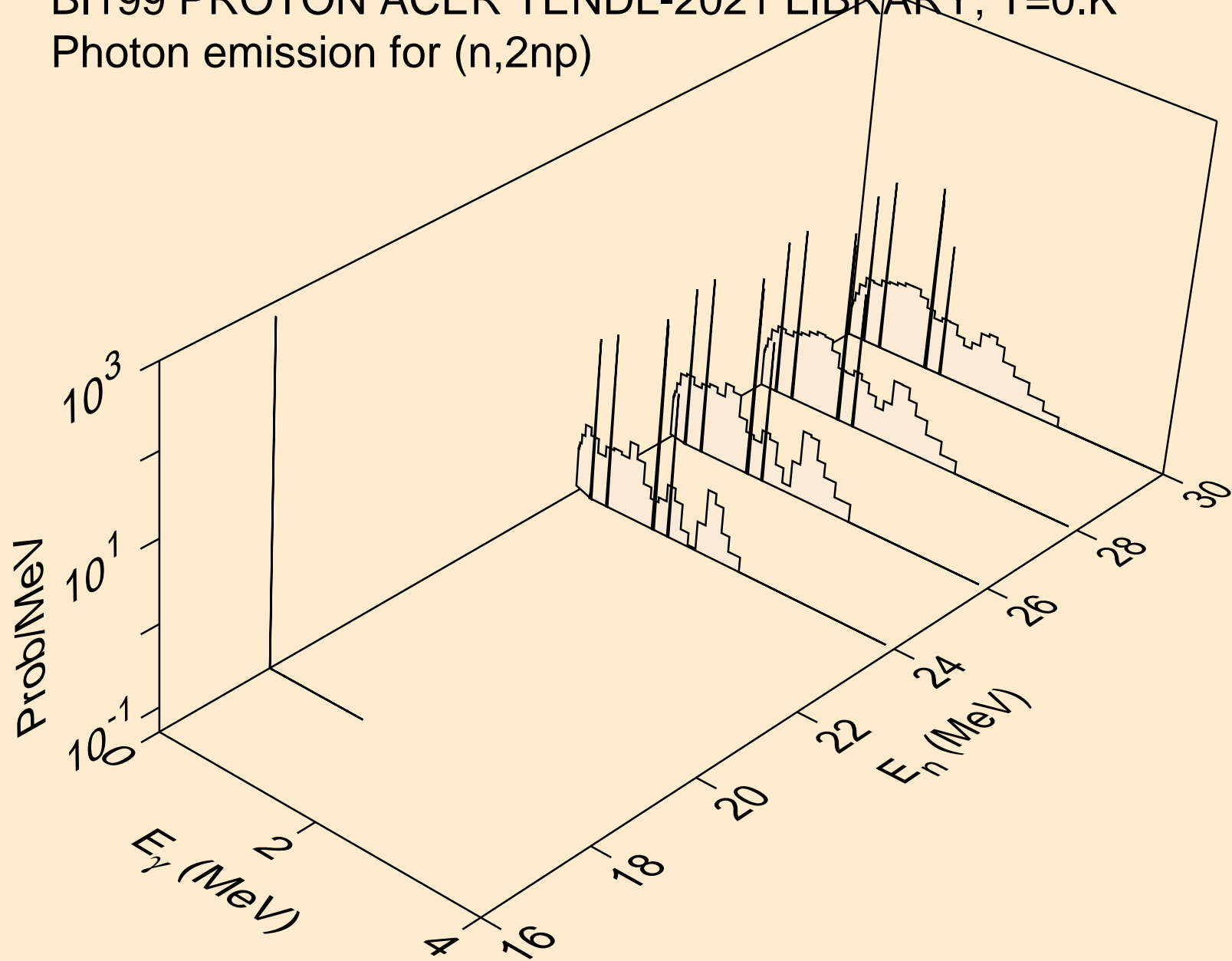
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

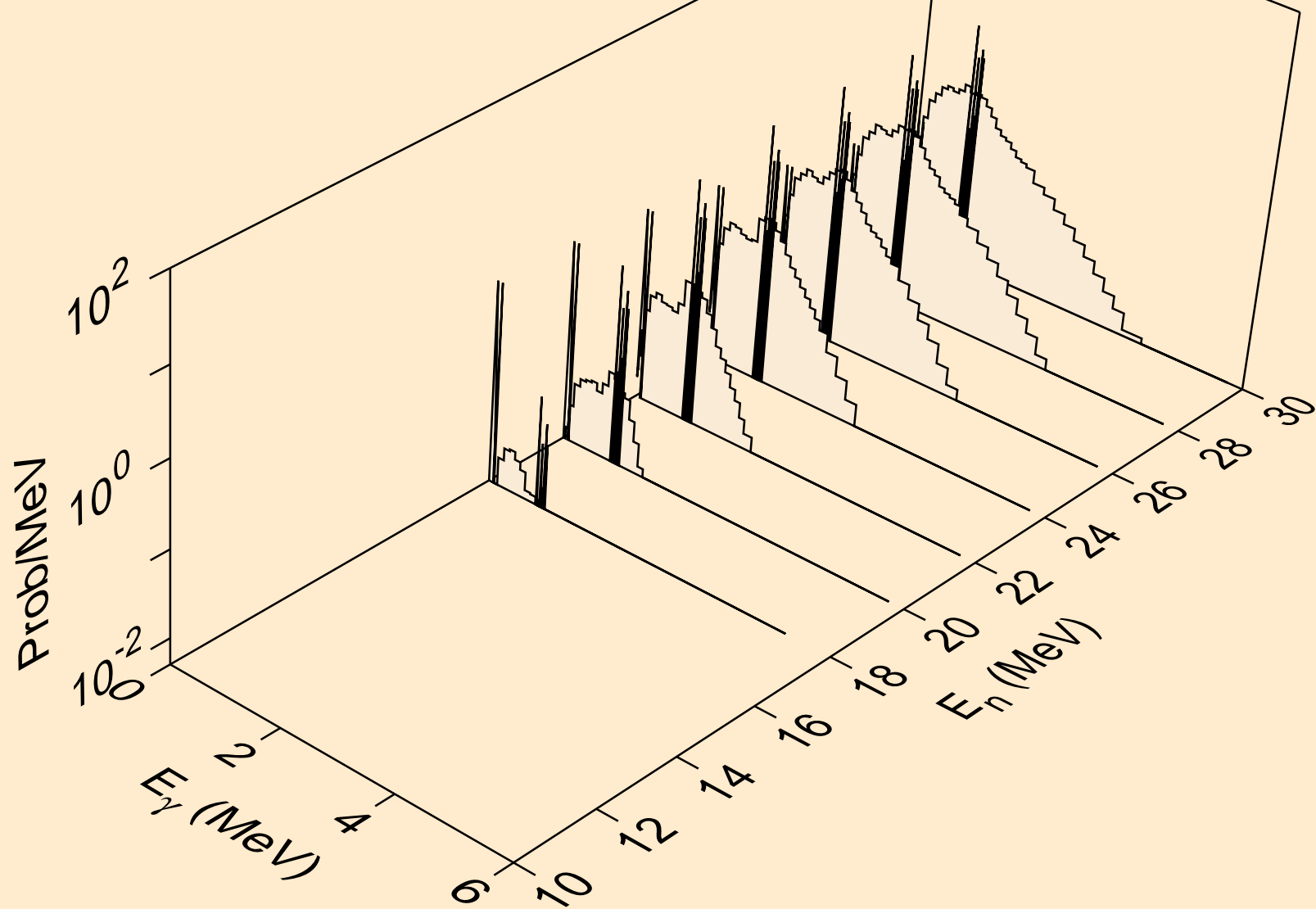


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Photon emission for (n,2np)

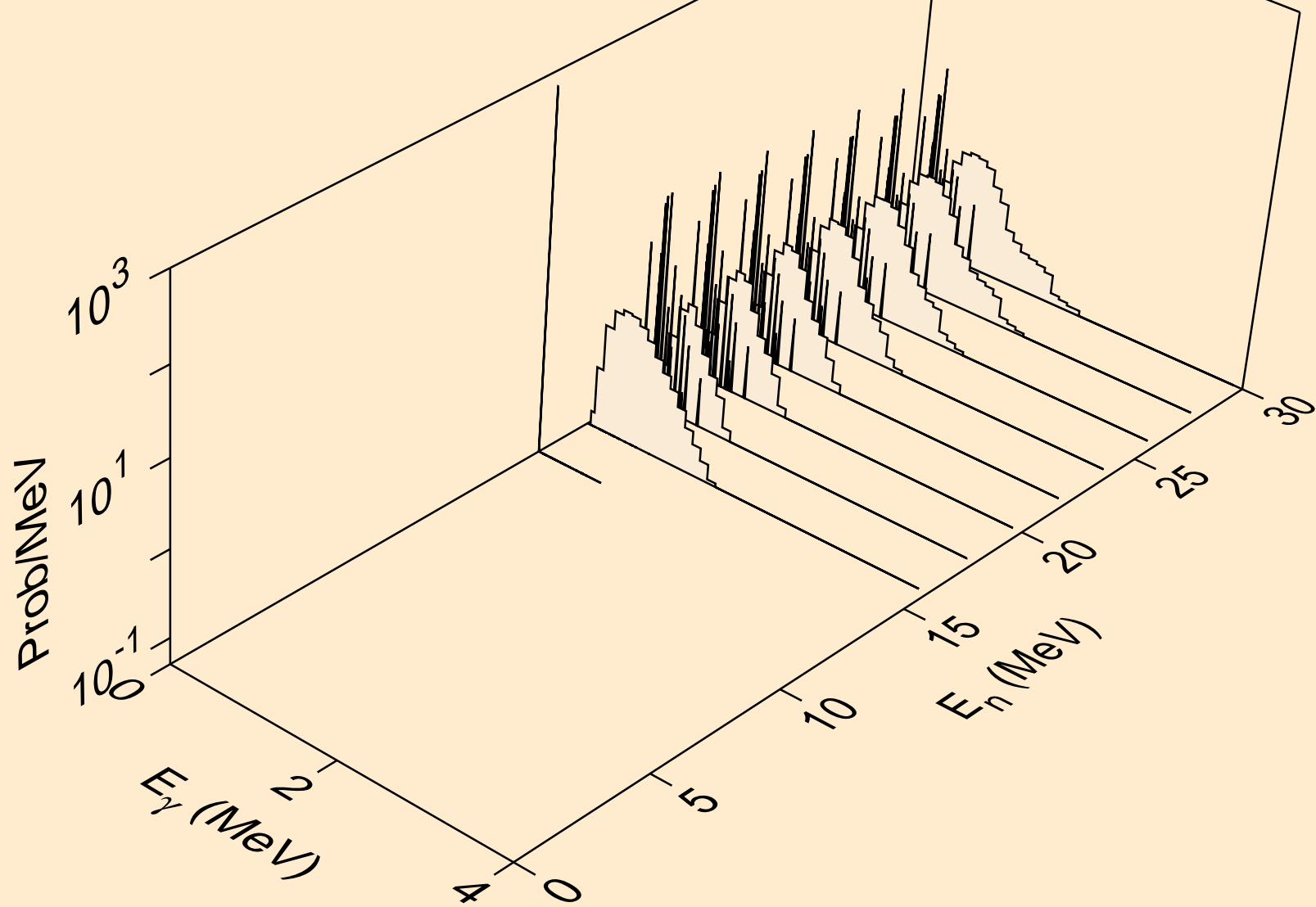




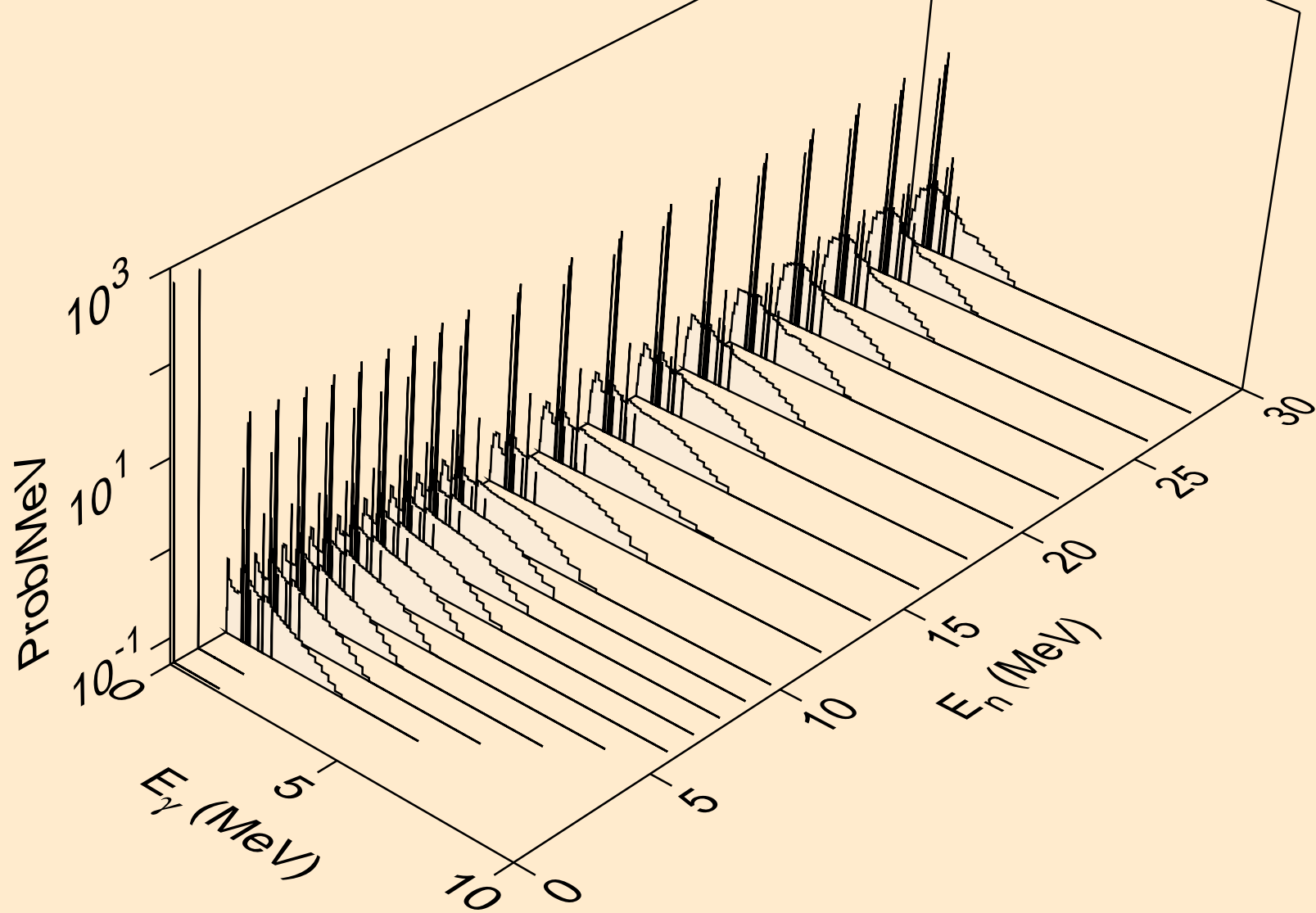
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Photon emission for (n,2np)



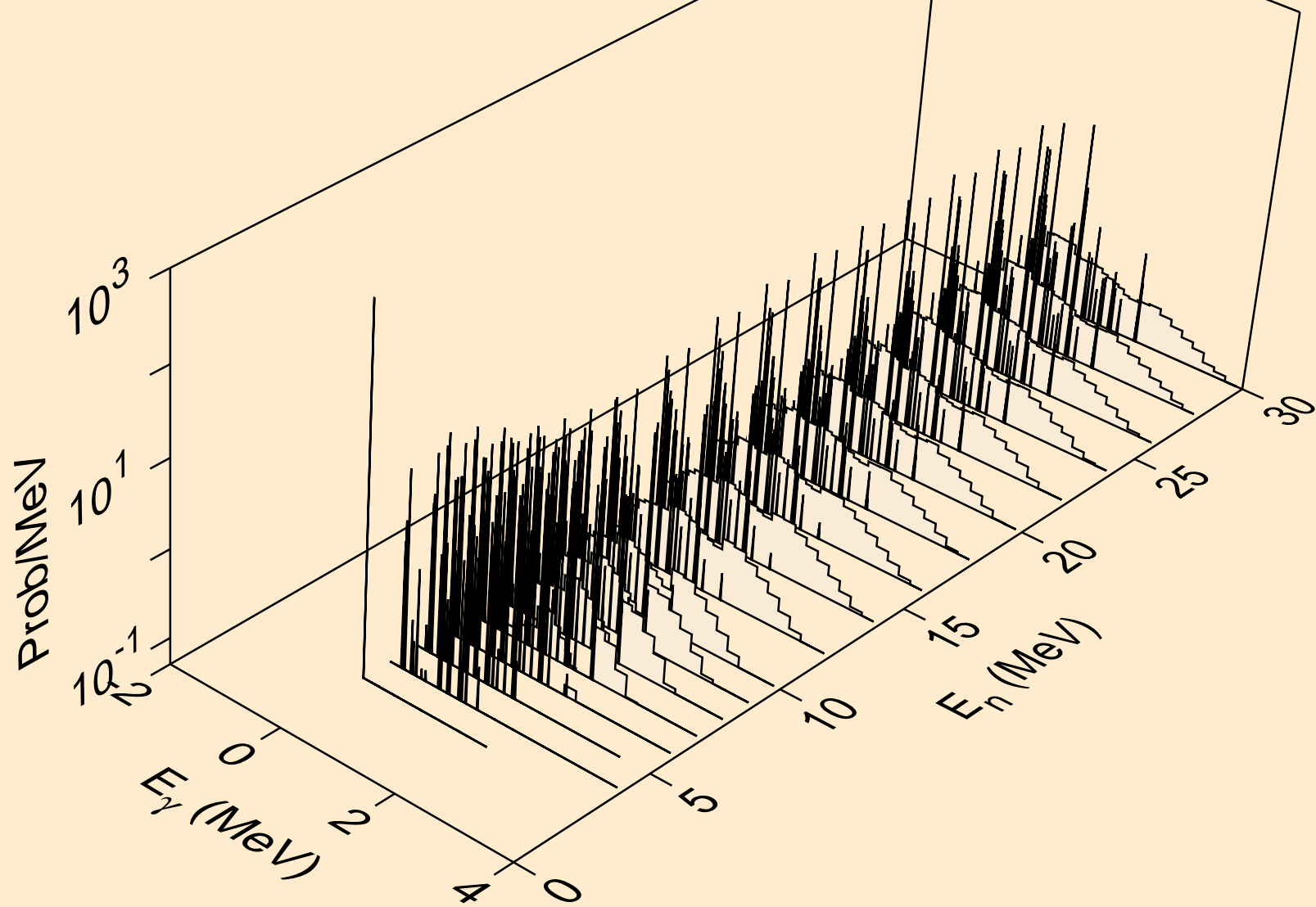
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Photon emission for (n,npa)



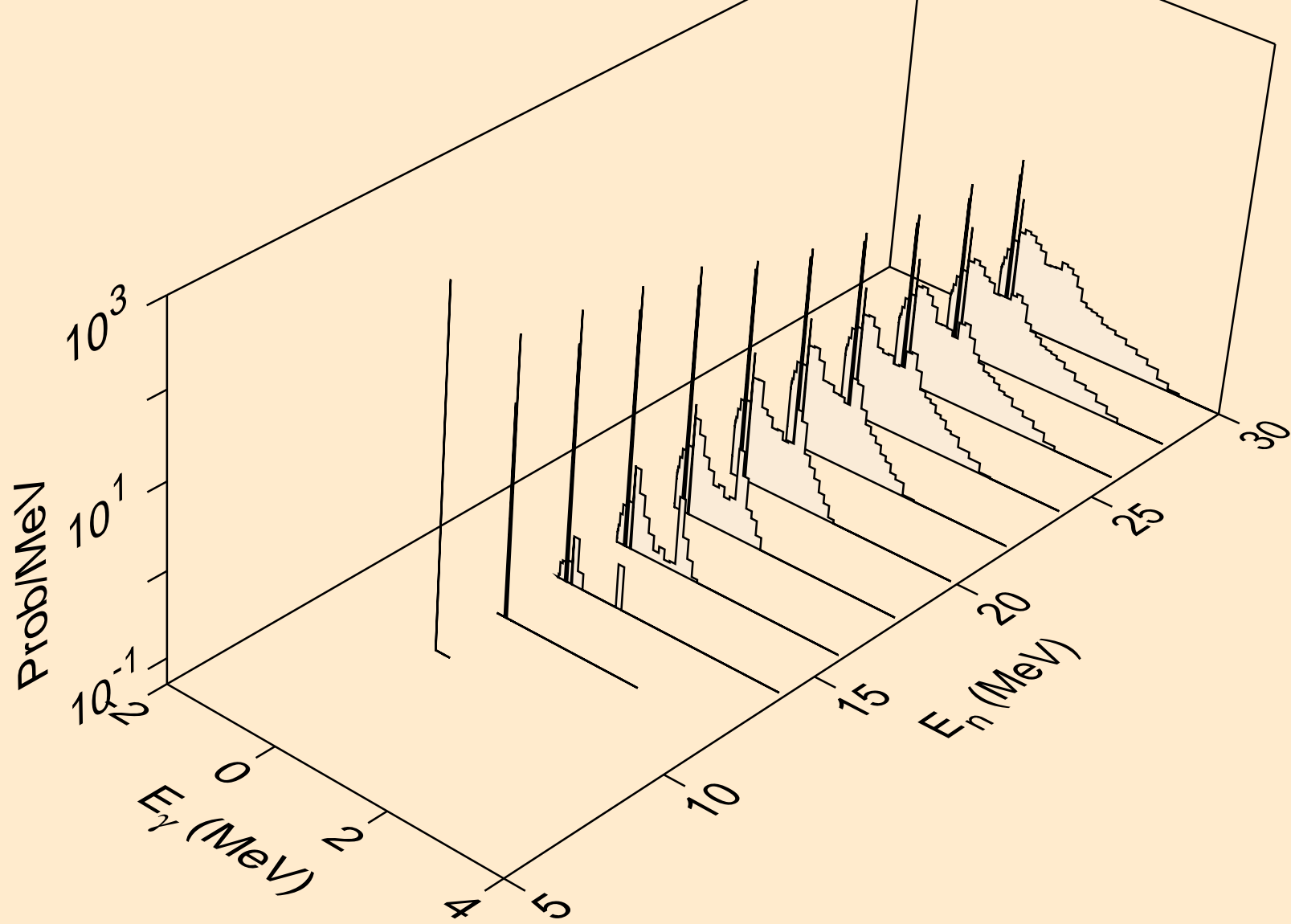
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Photon emission for (n,gma)



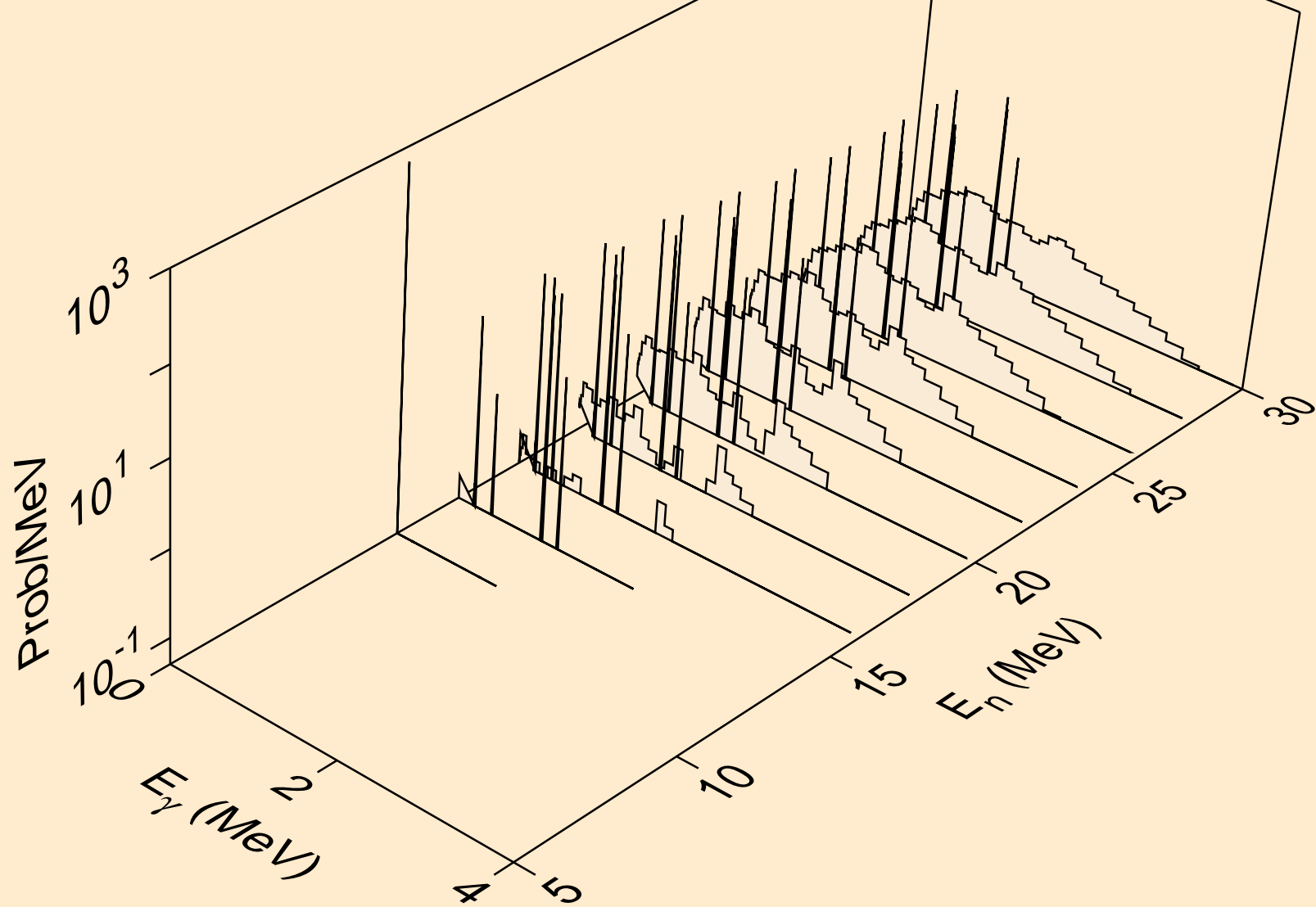
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Photon emission for inelastic



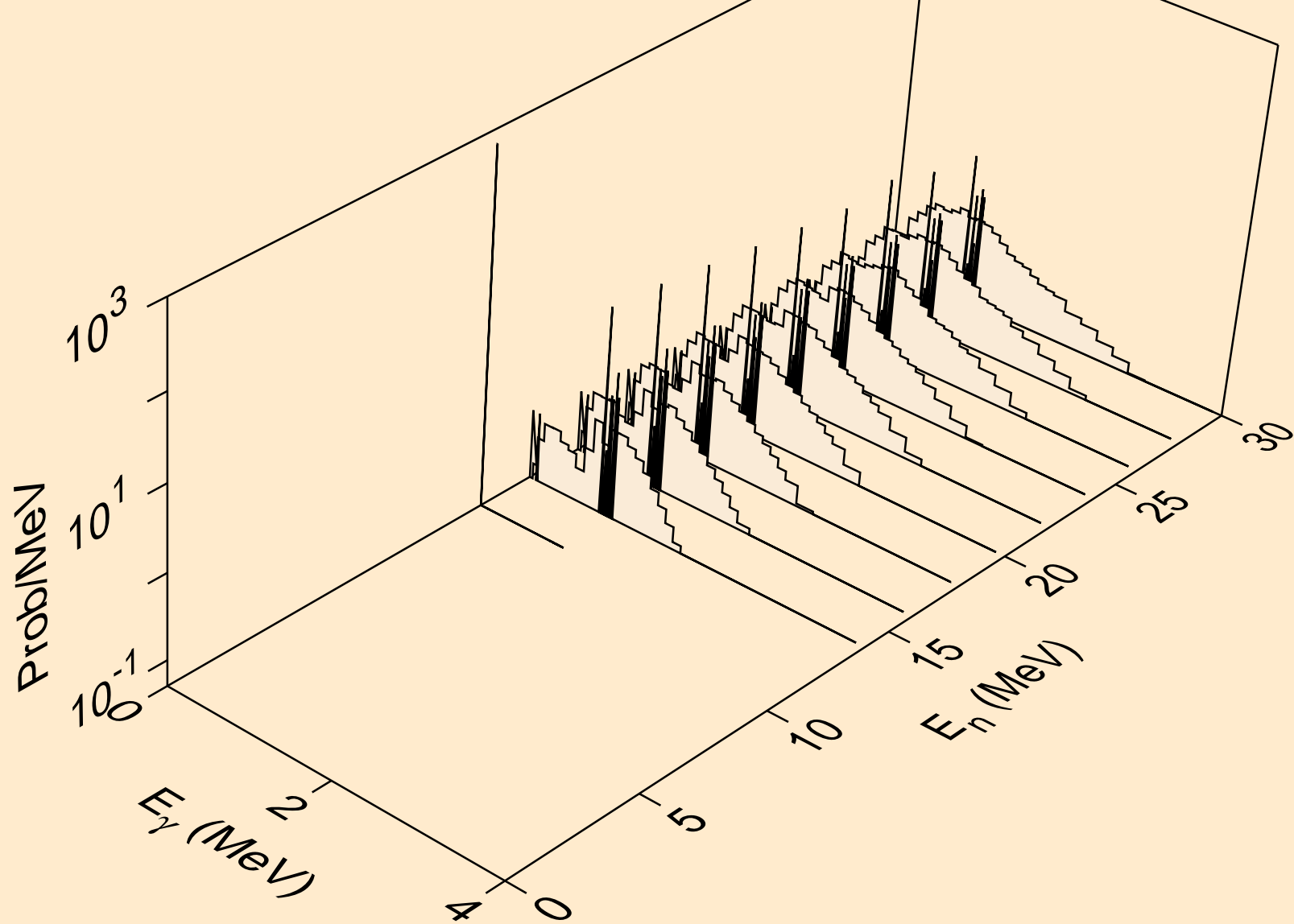
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Photon emission for (n,d)



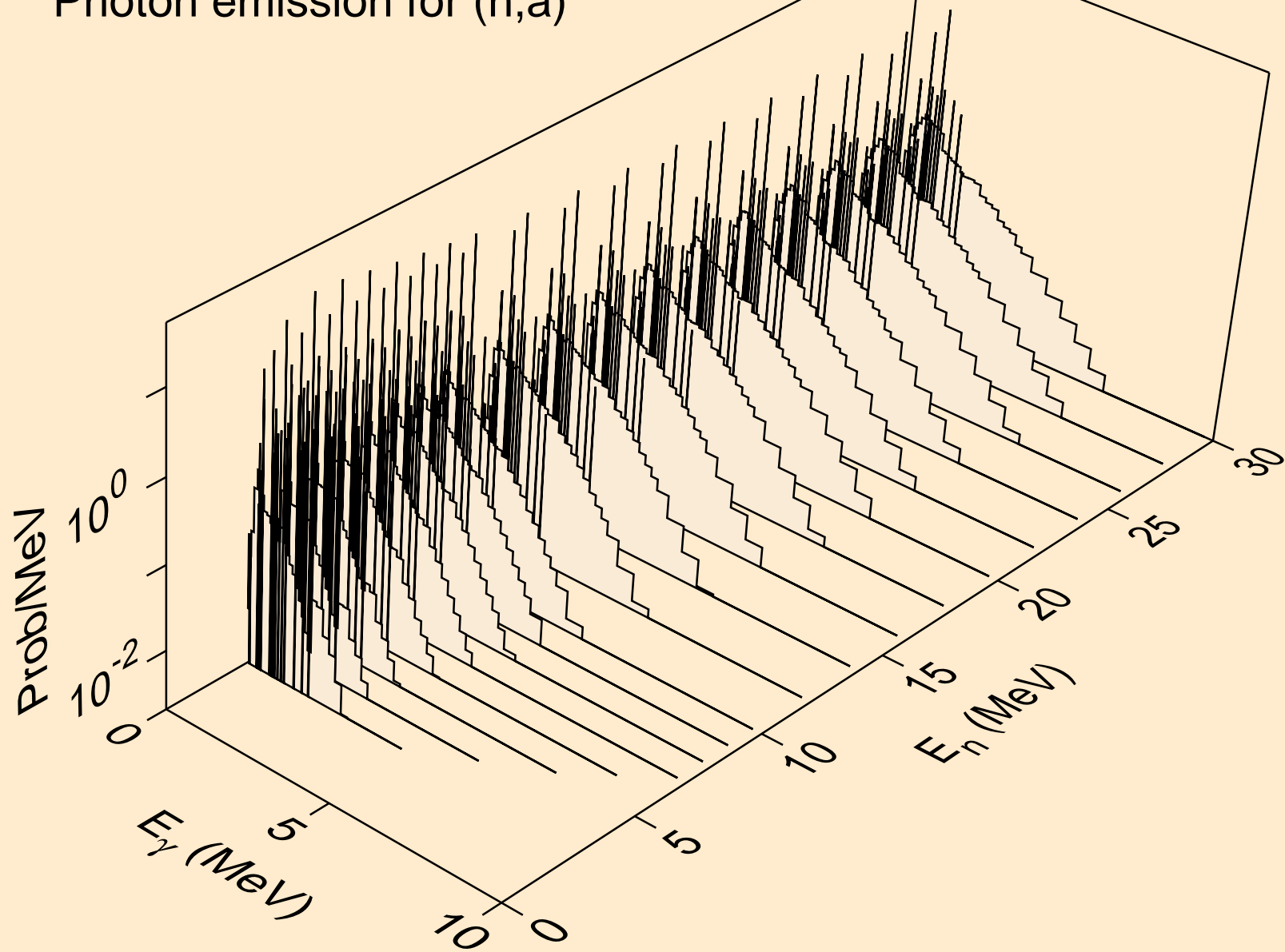
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

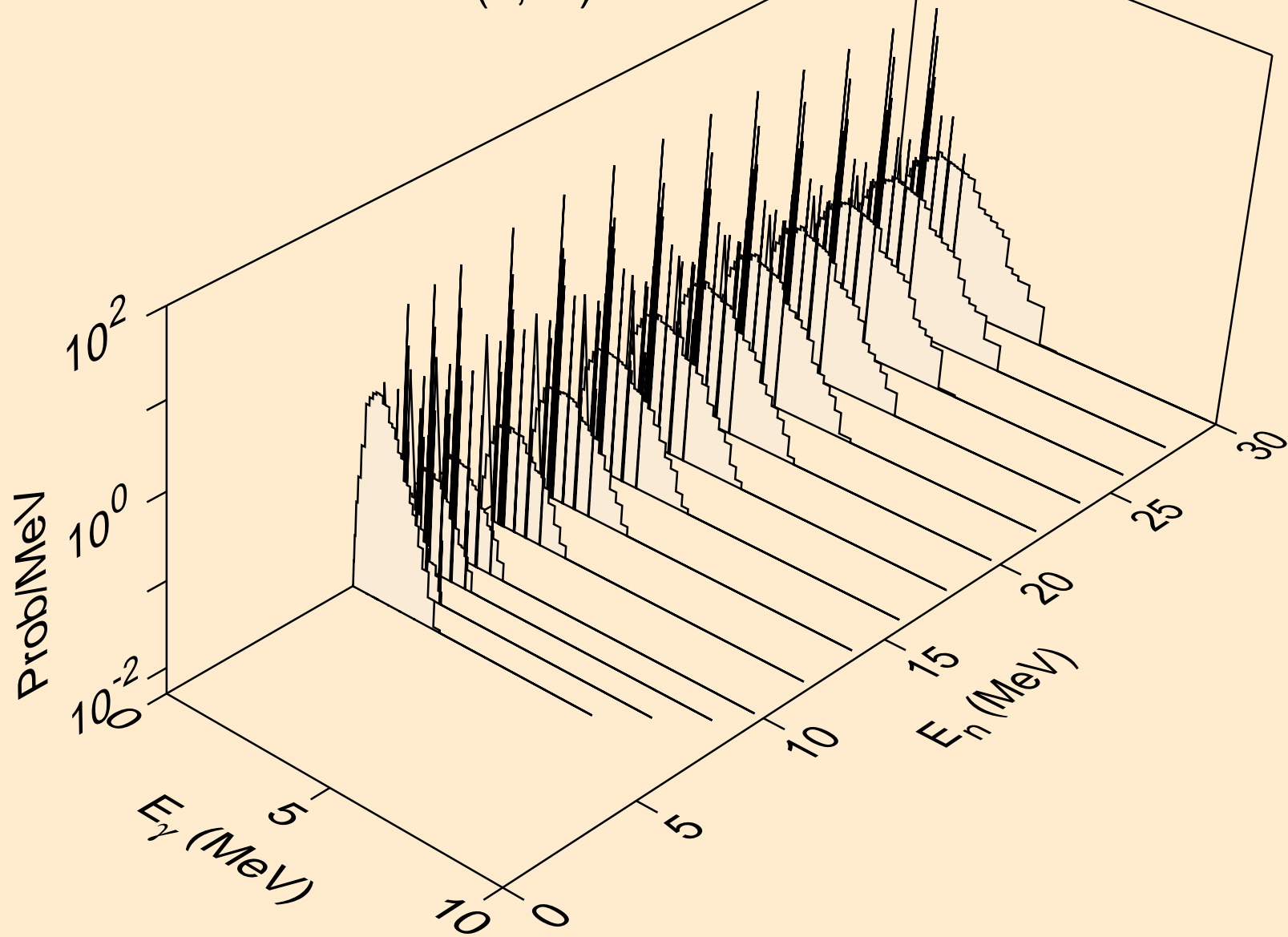


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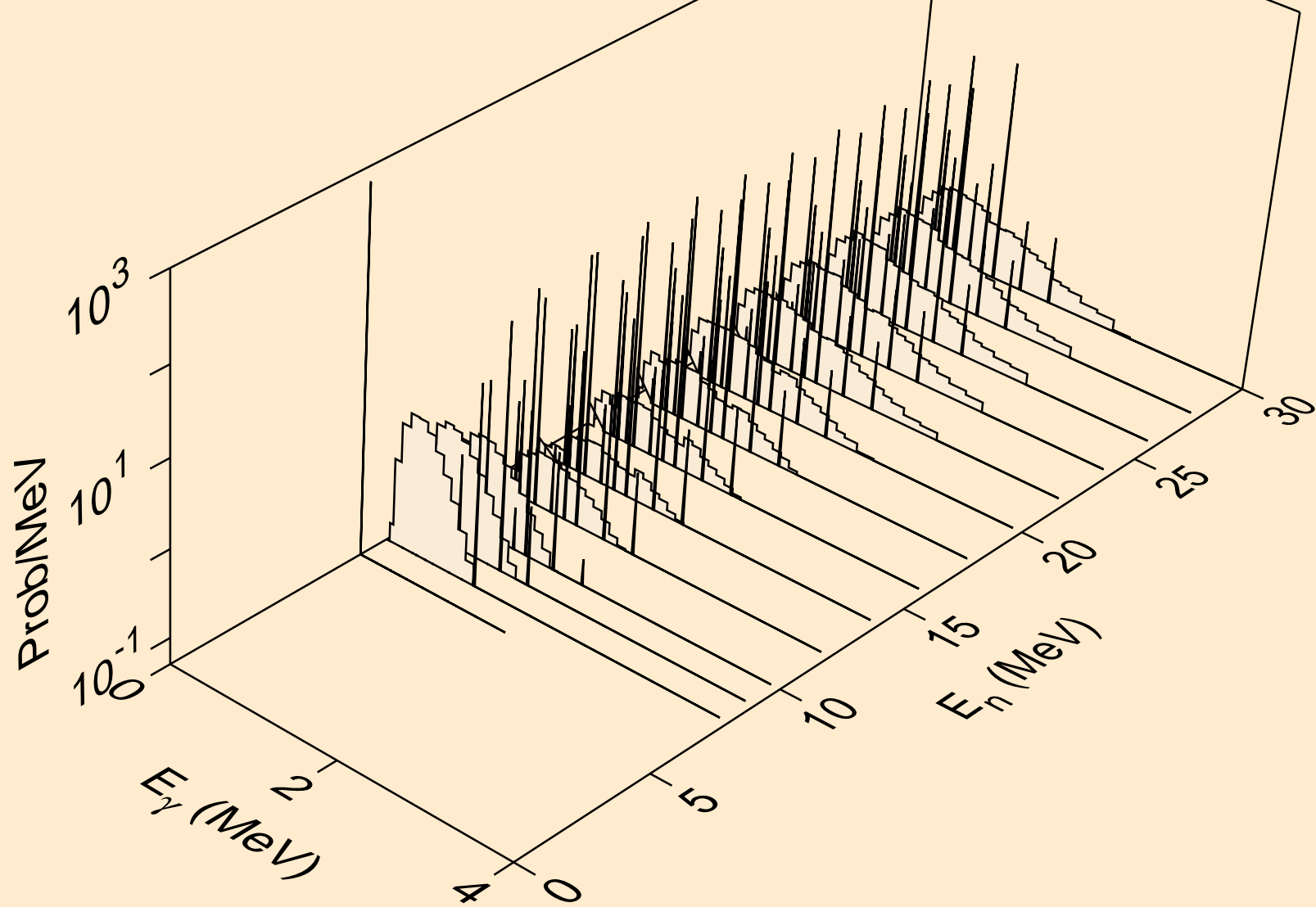




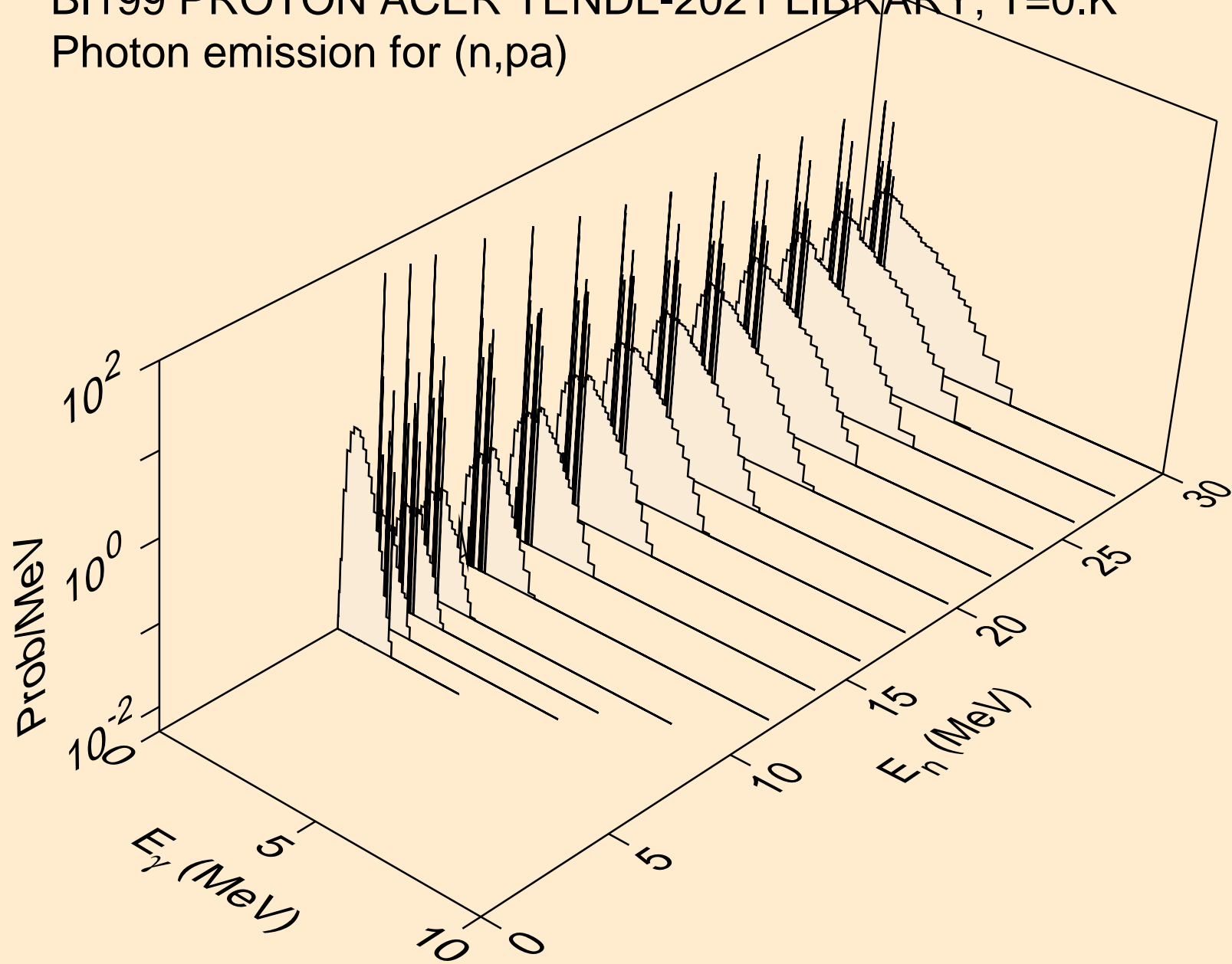
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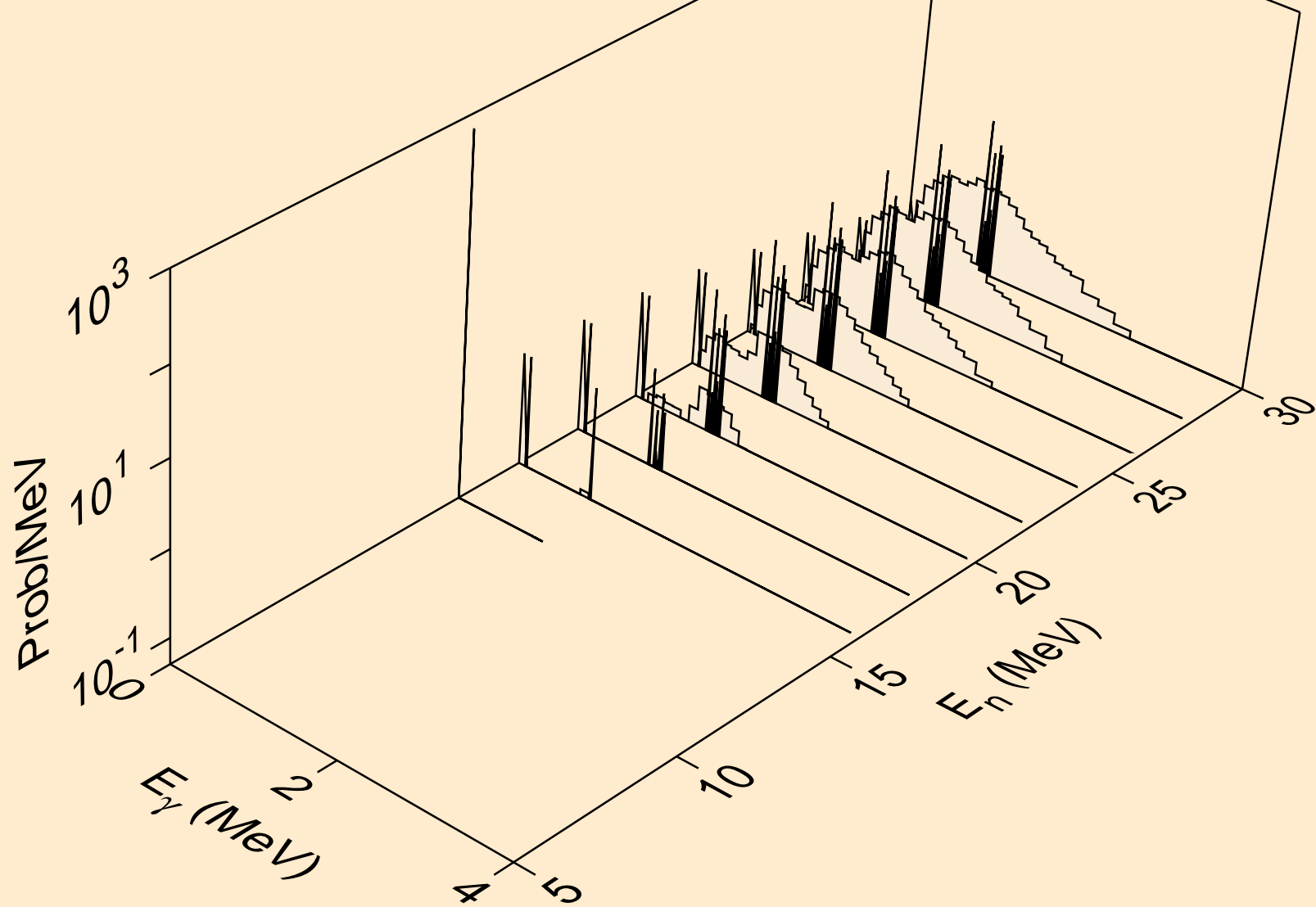
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Photon emission for (n,2p)



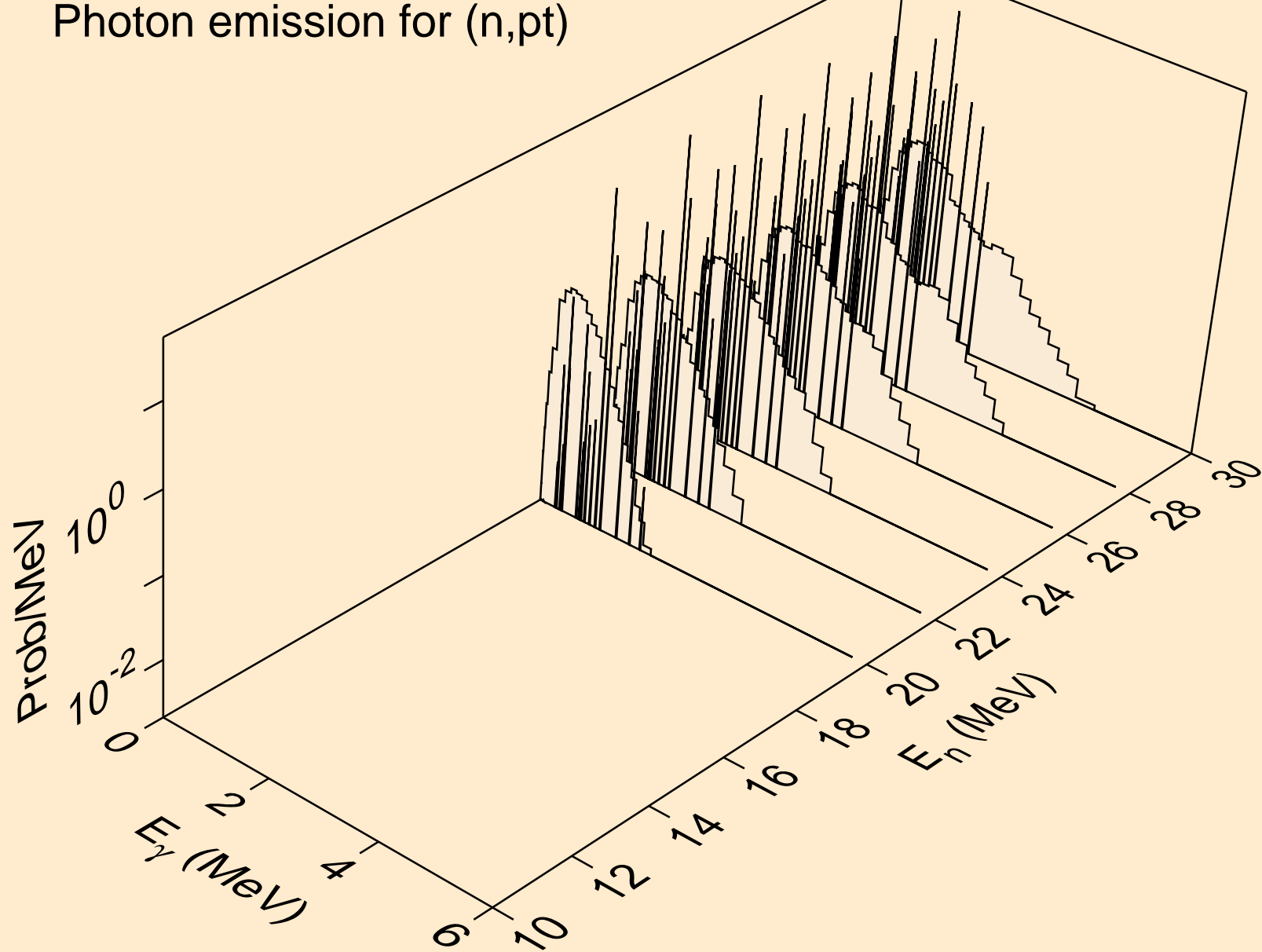
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Photon emission for (n,pa)



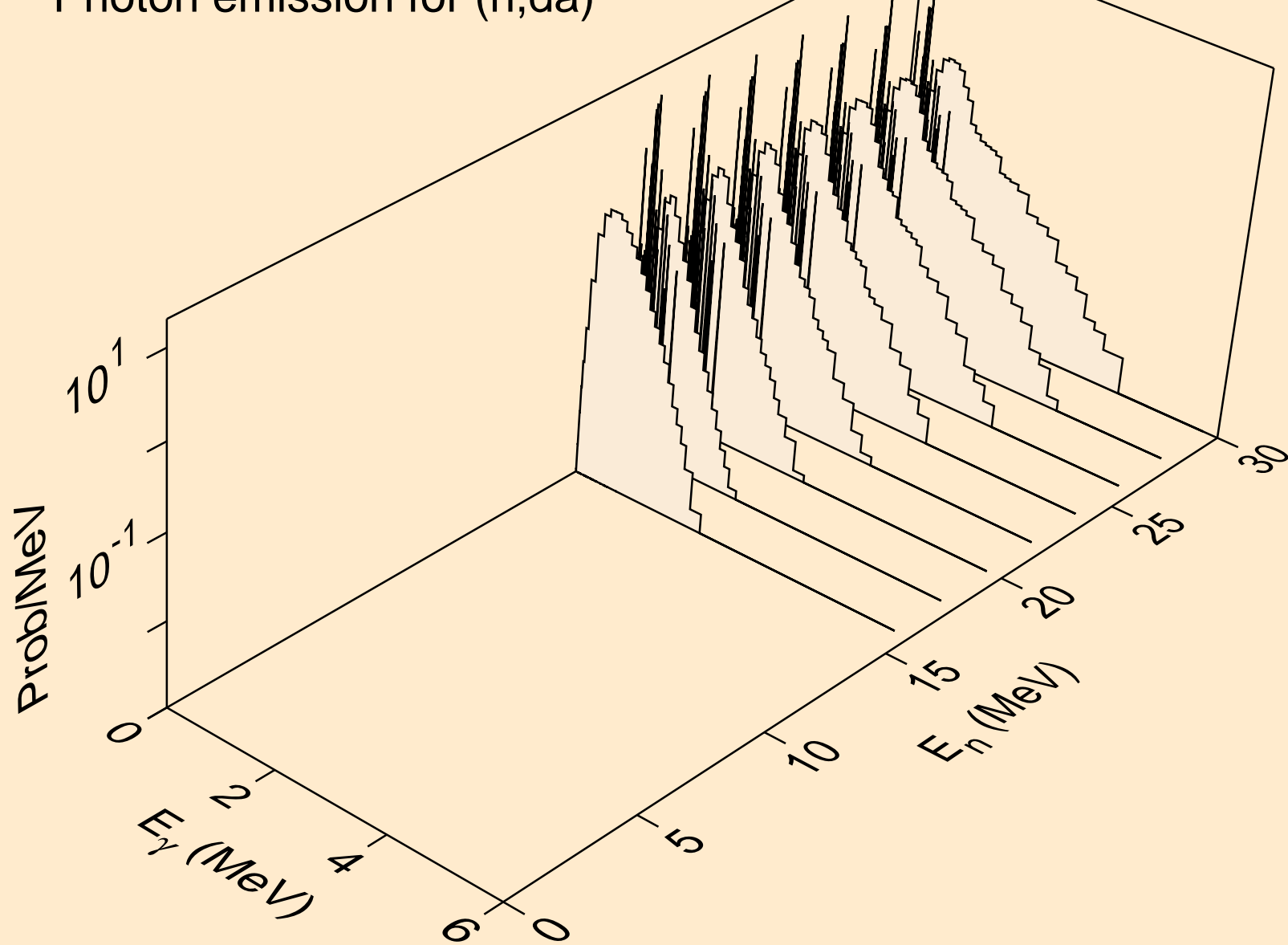
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Photon emission for (n,pd)



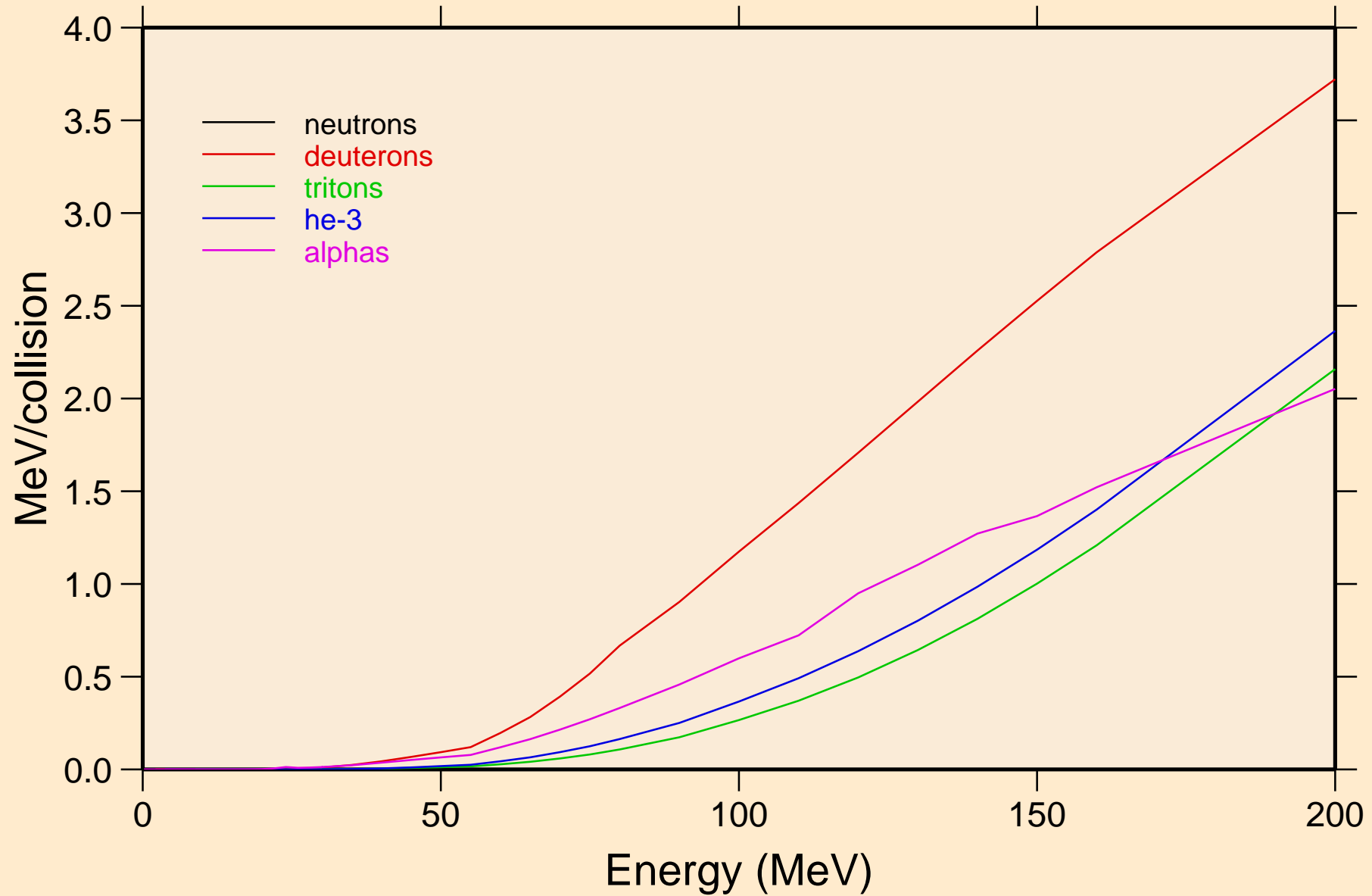
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Photon emission for (n,pt)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

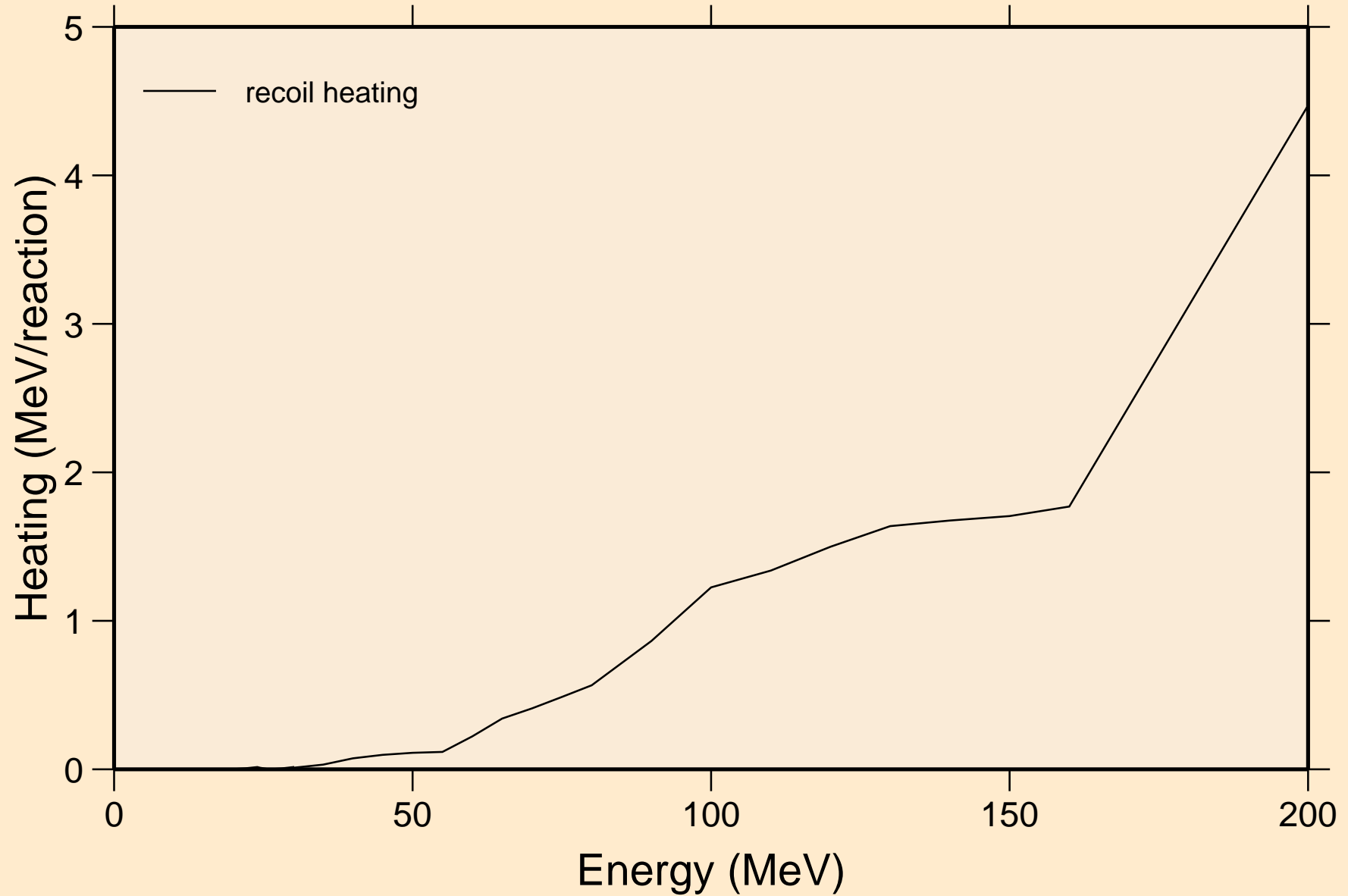


BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



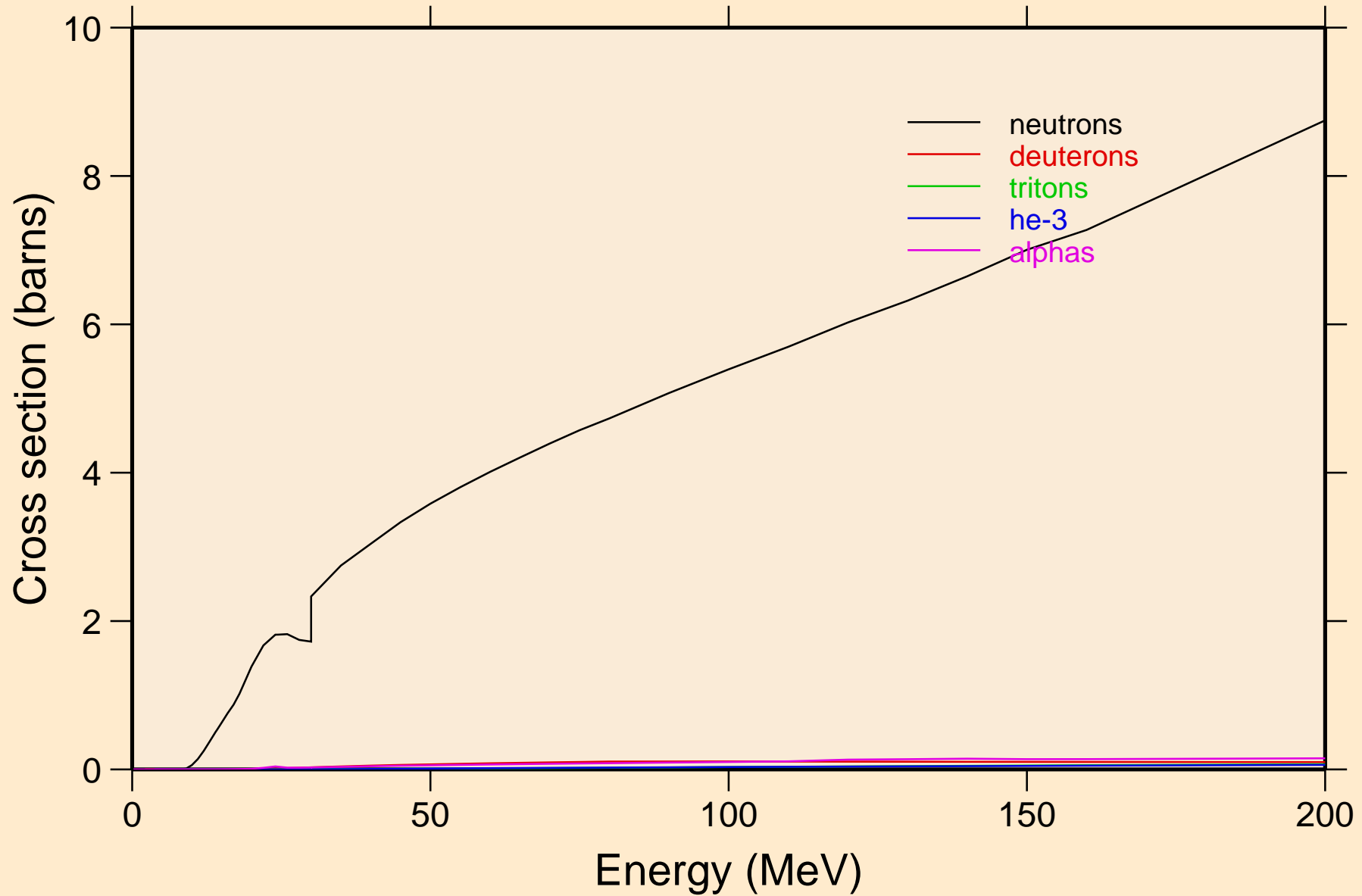
# BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

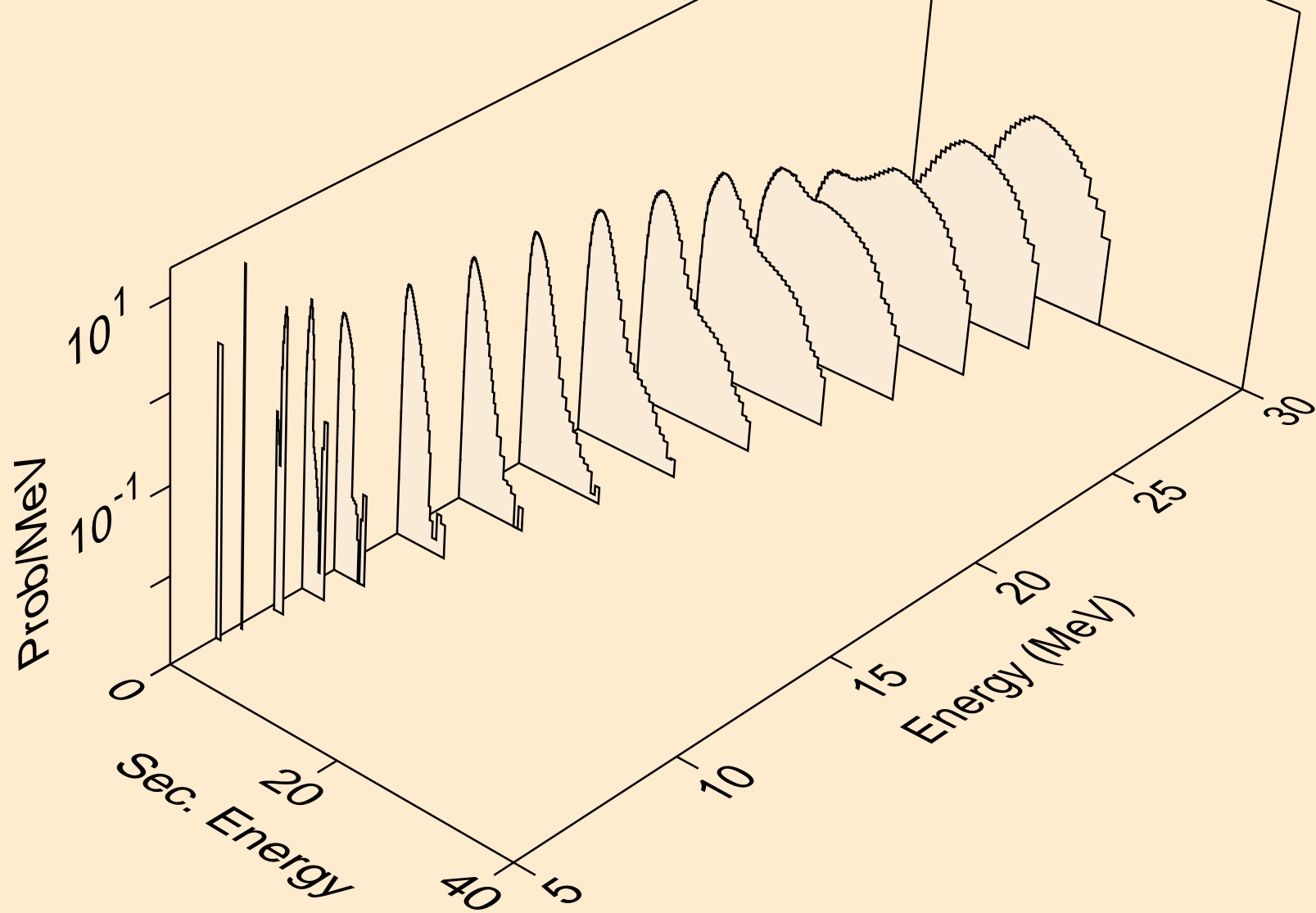




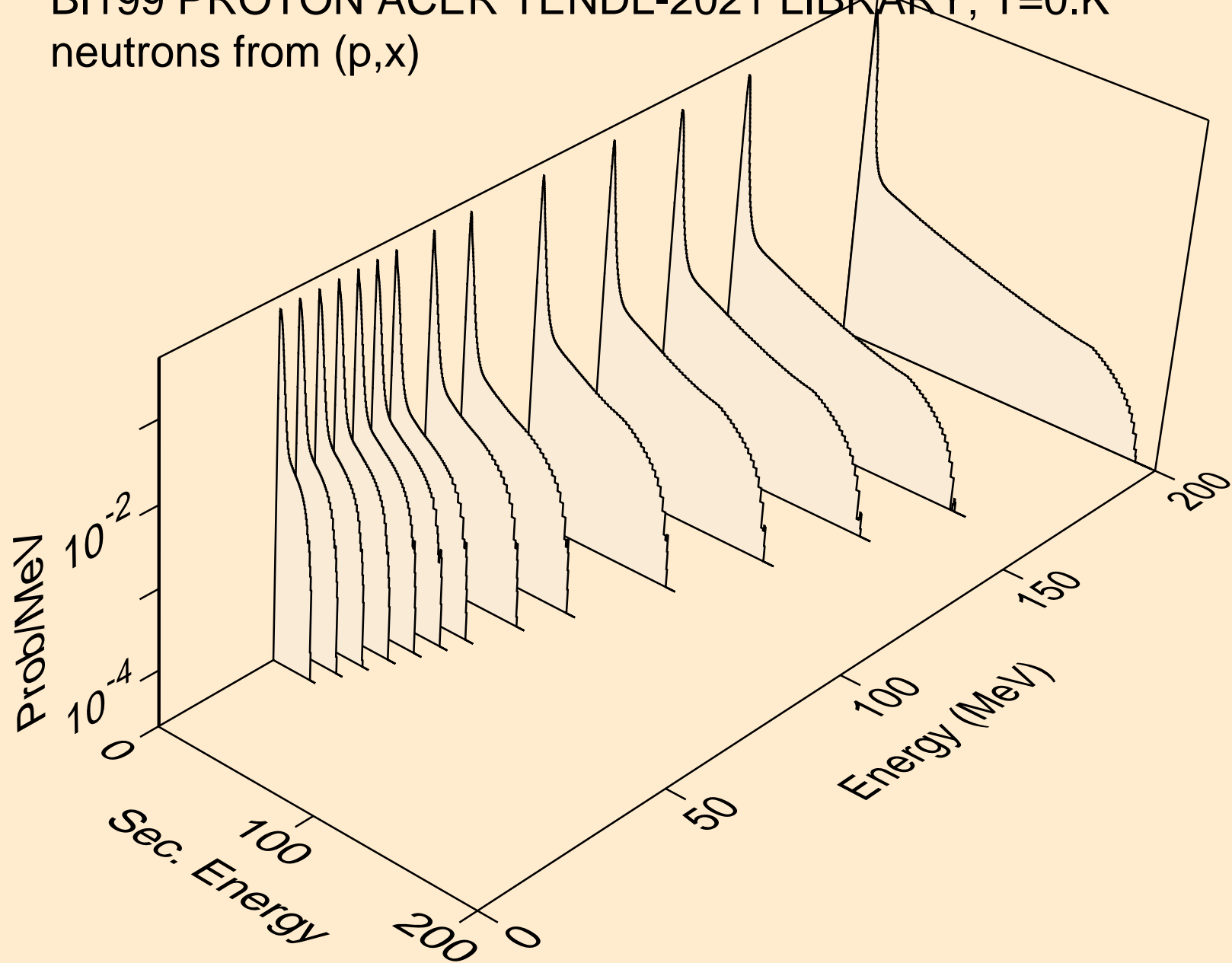
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Particle production cross sections



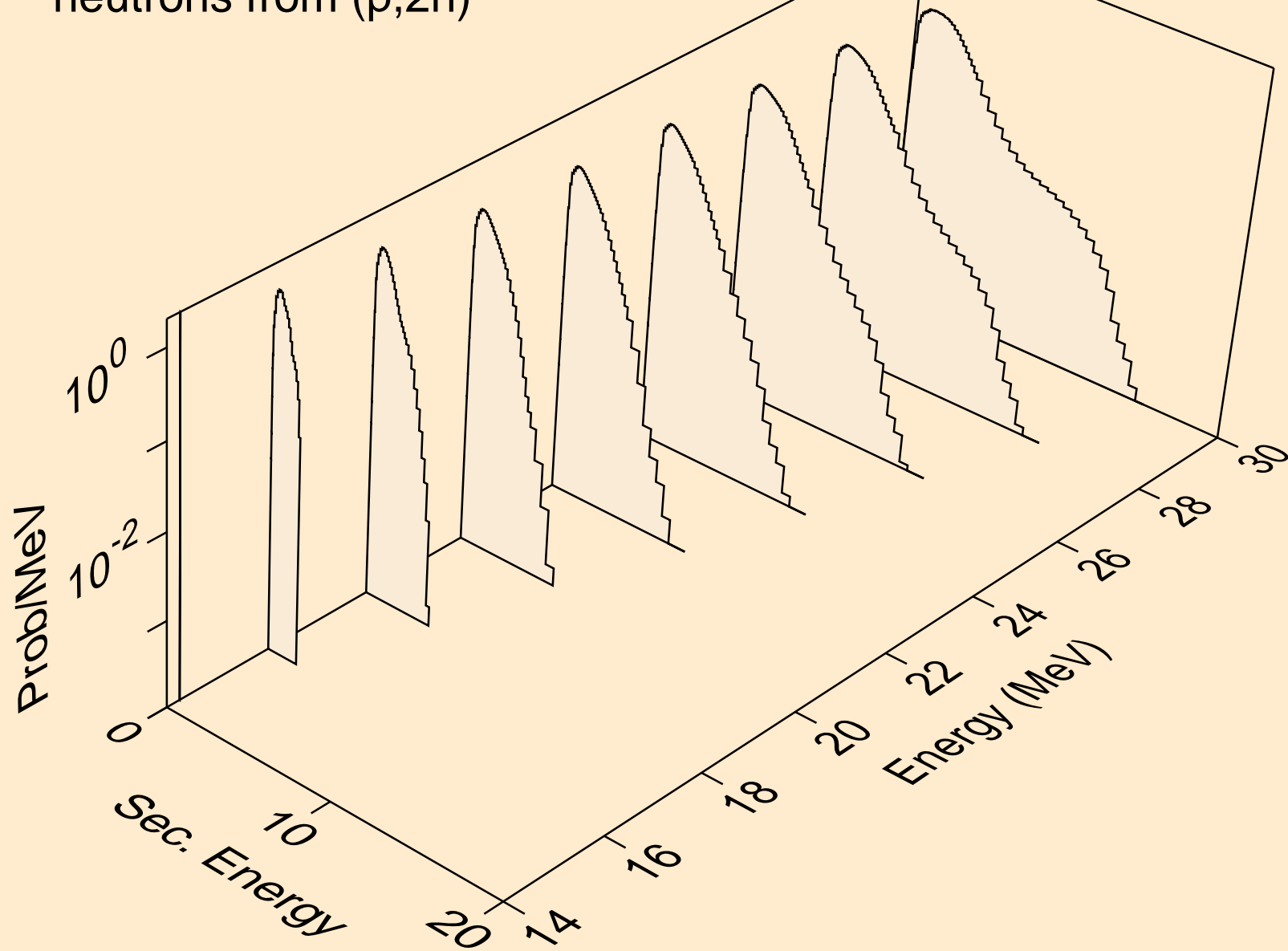
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neutrons from (p,n)



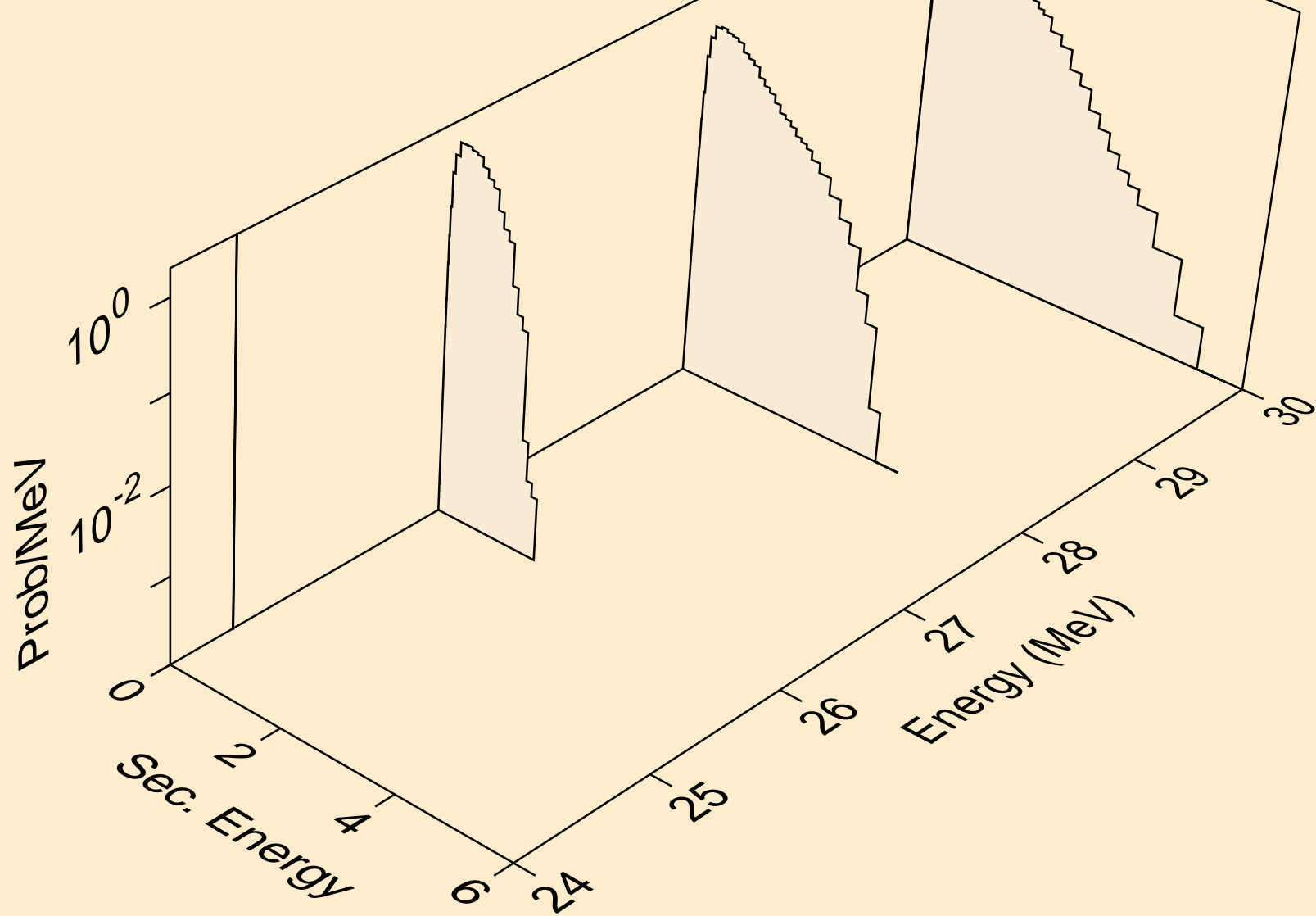
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neutrons from (p,x)



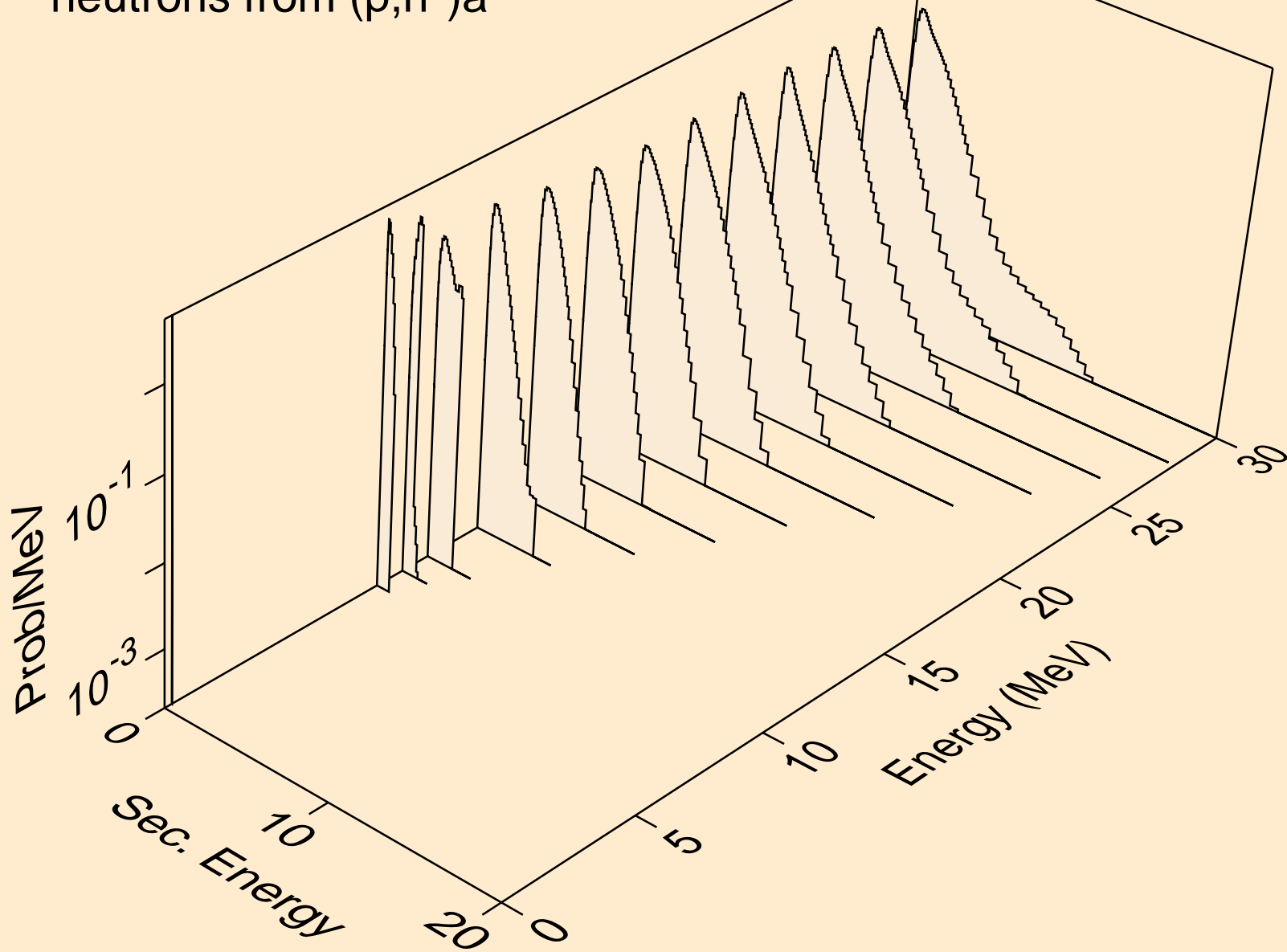
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neutrons from (p,2n)



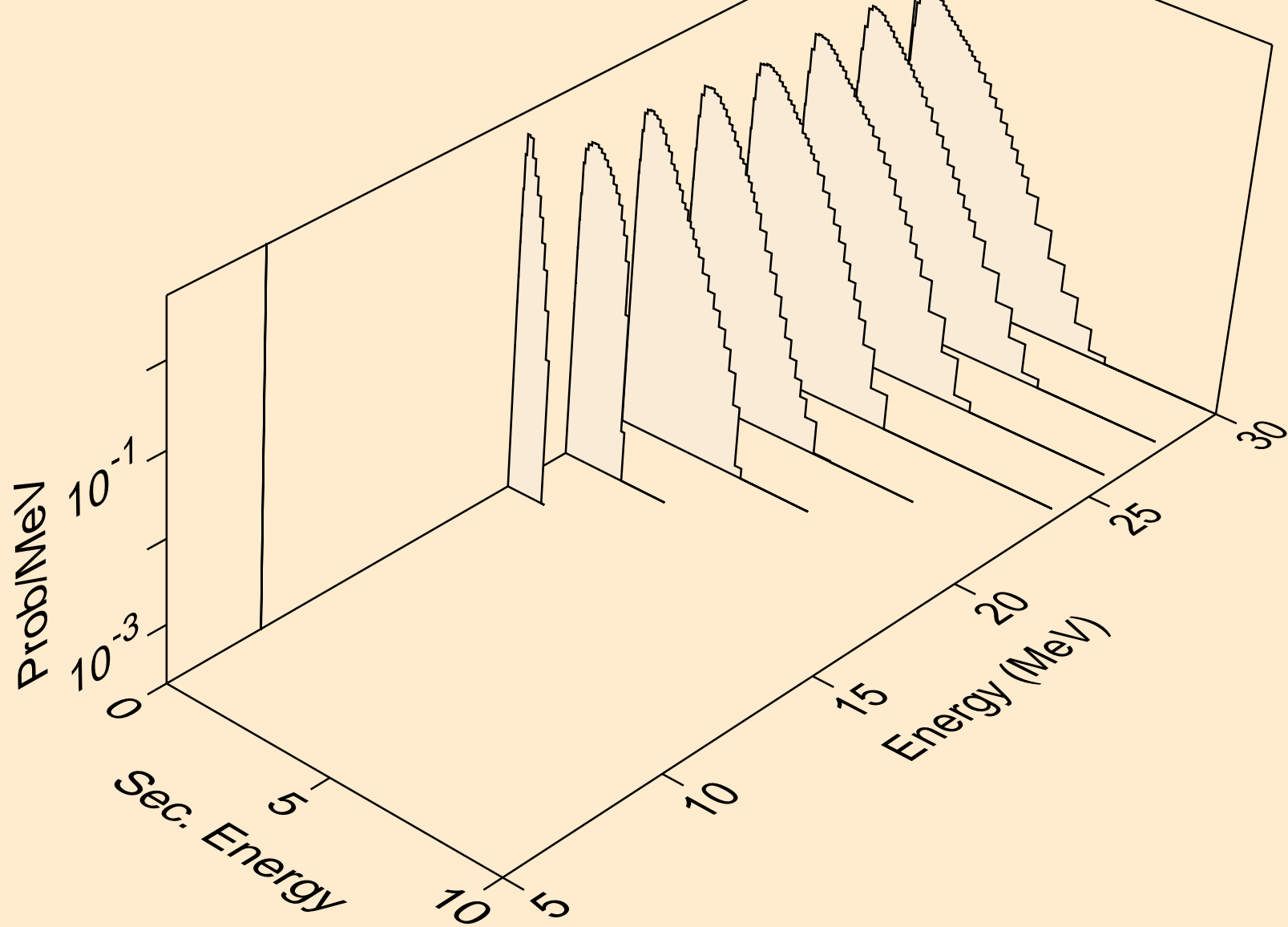
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neutrons from (p,3n)



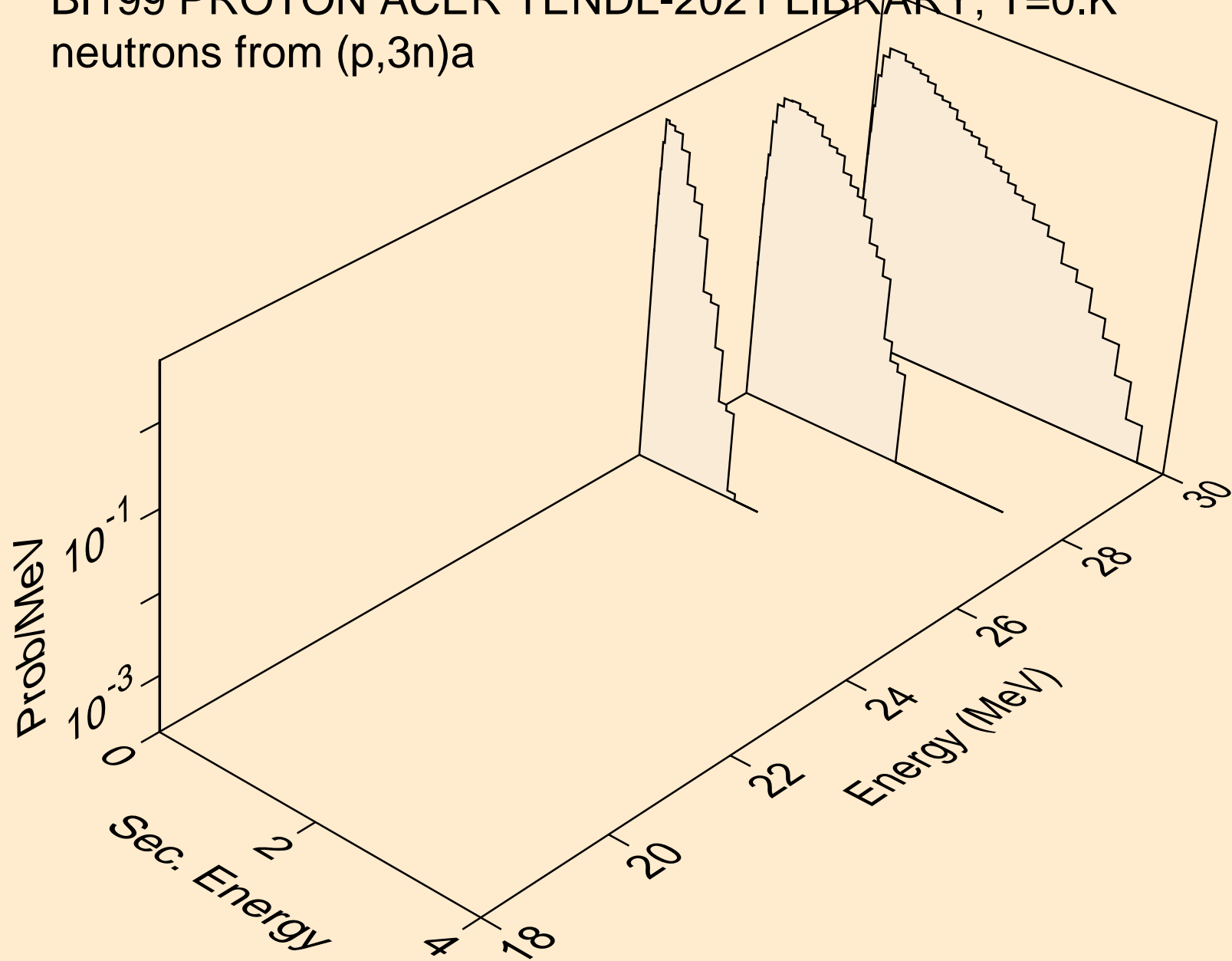
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a

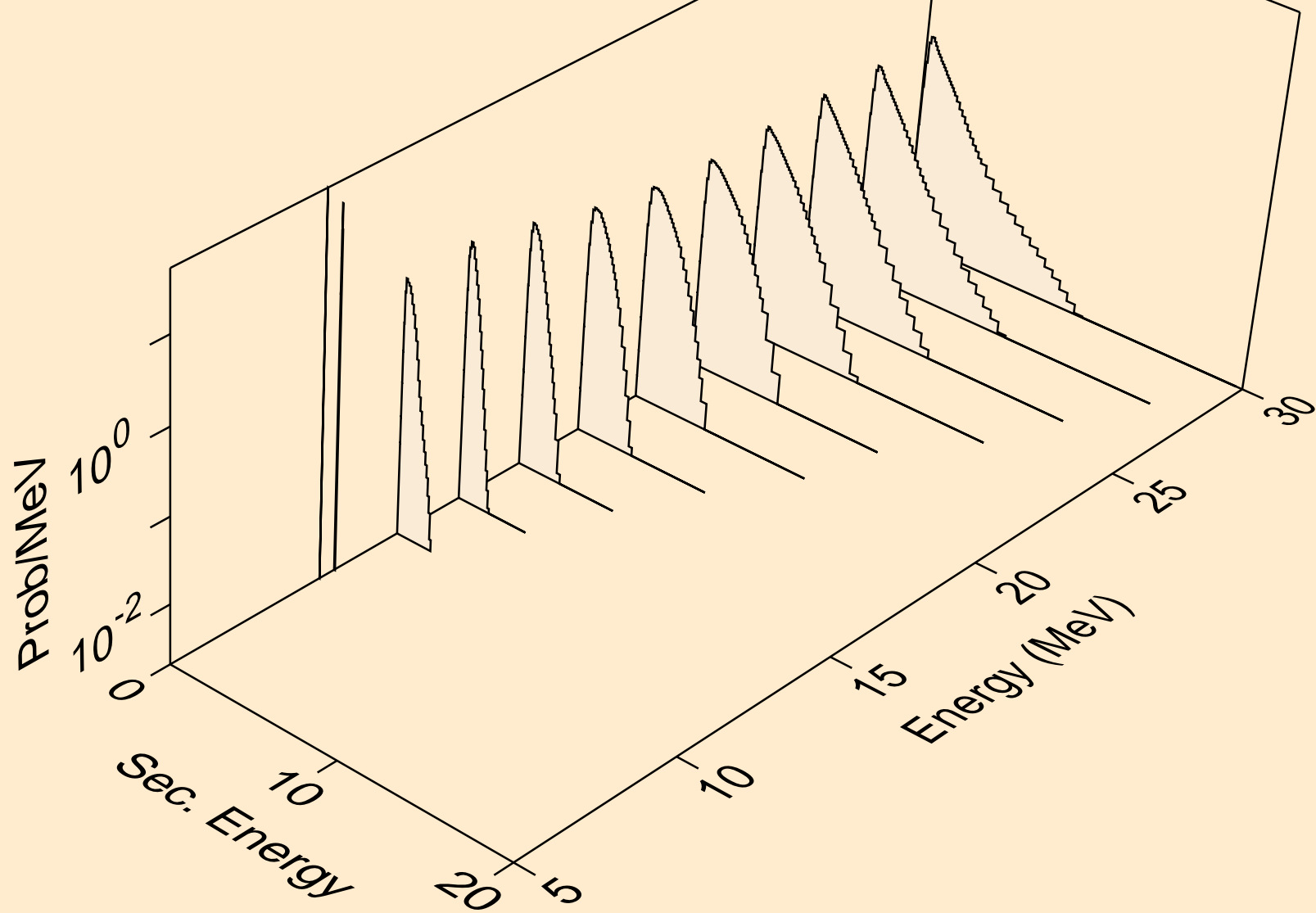


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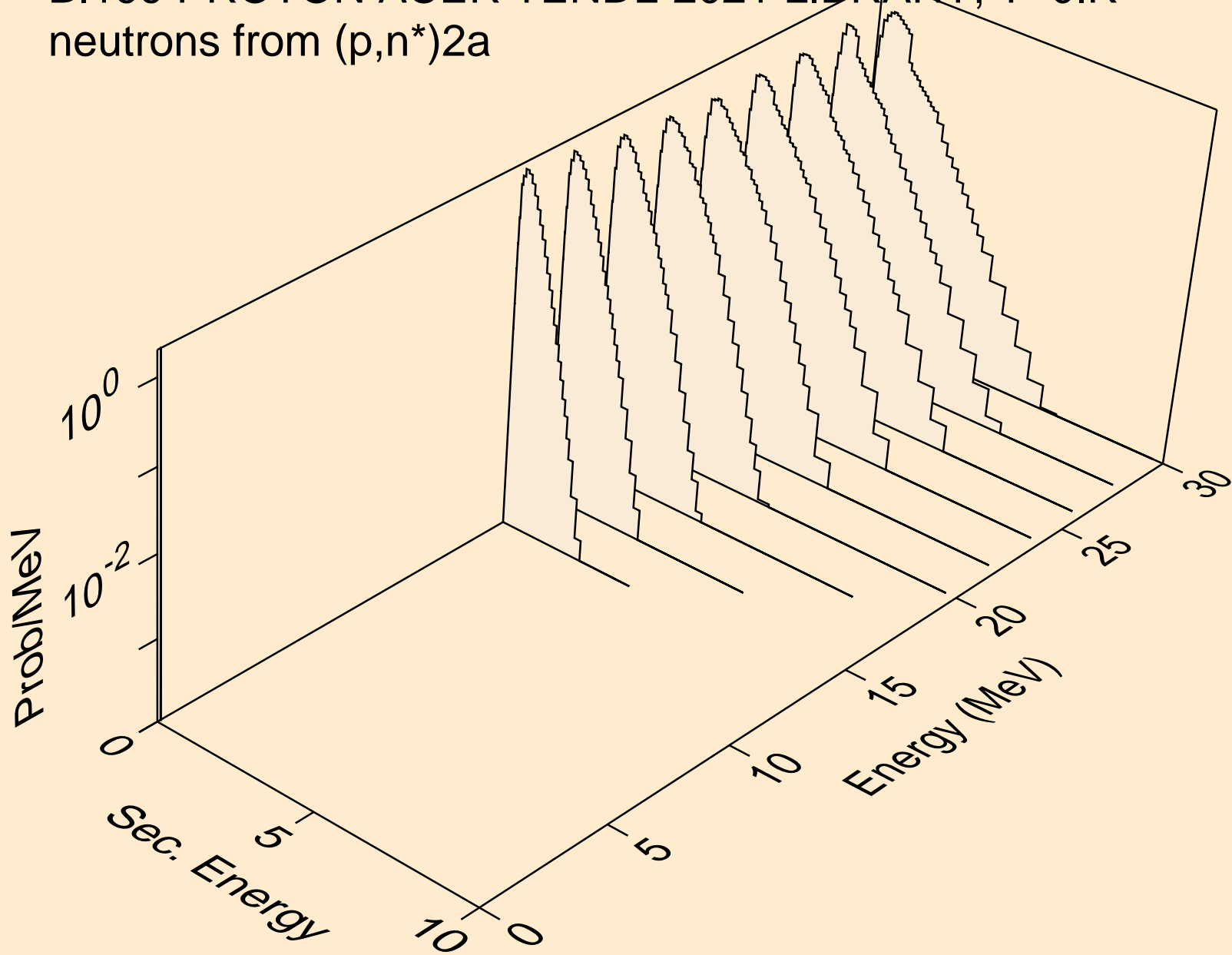




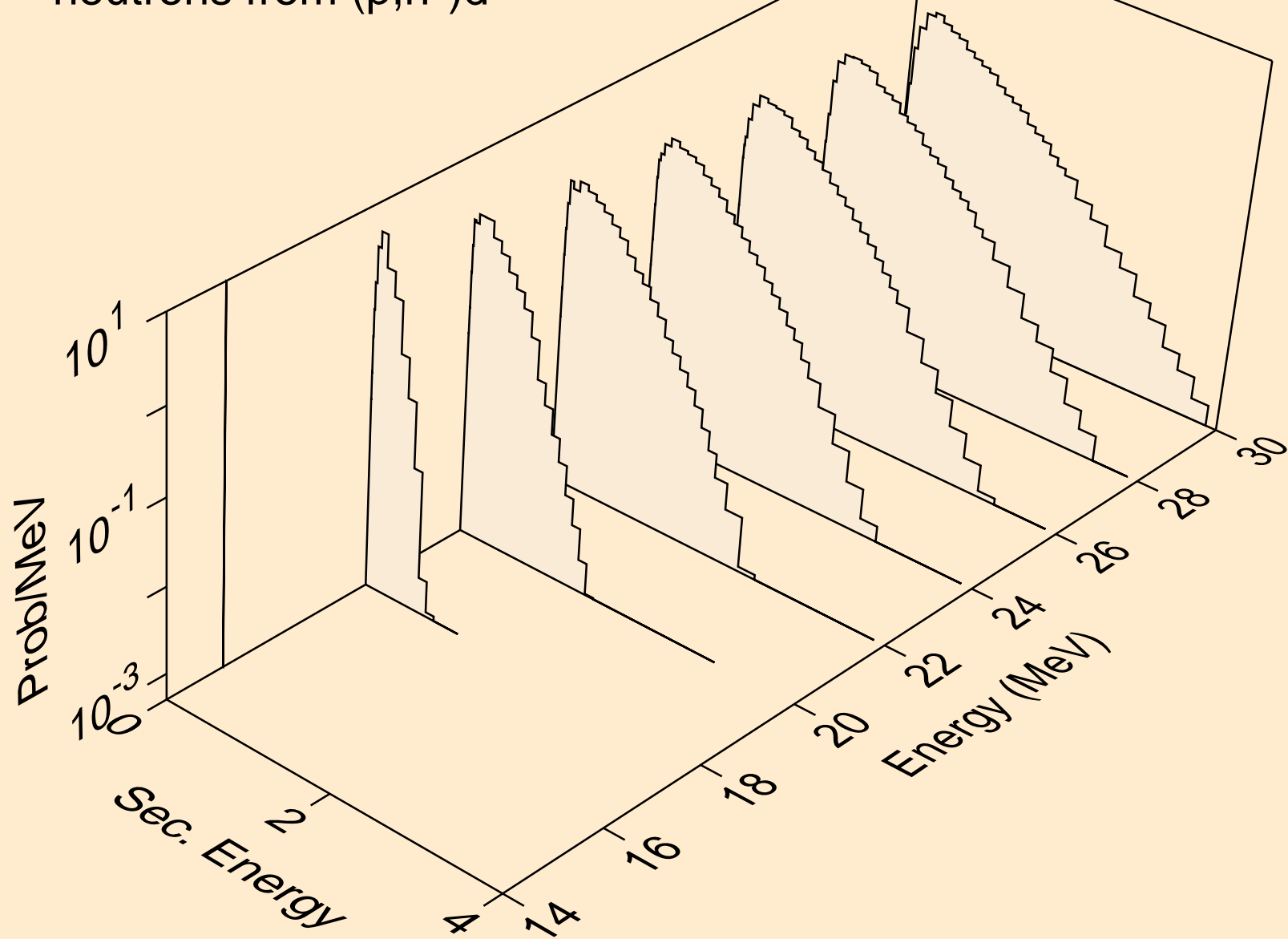
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neutrons from (p,n\*)p



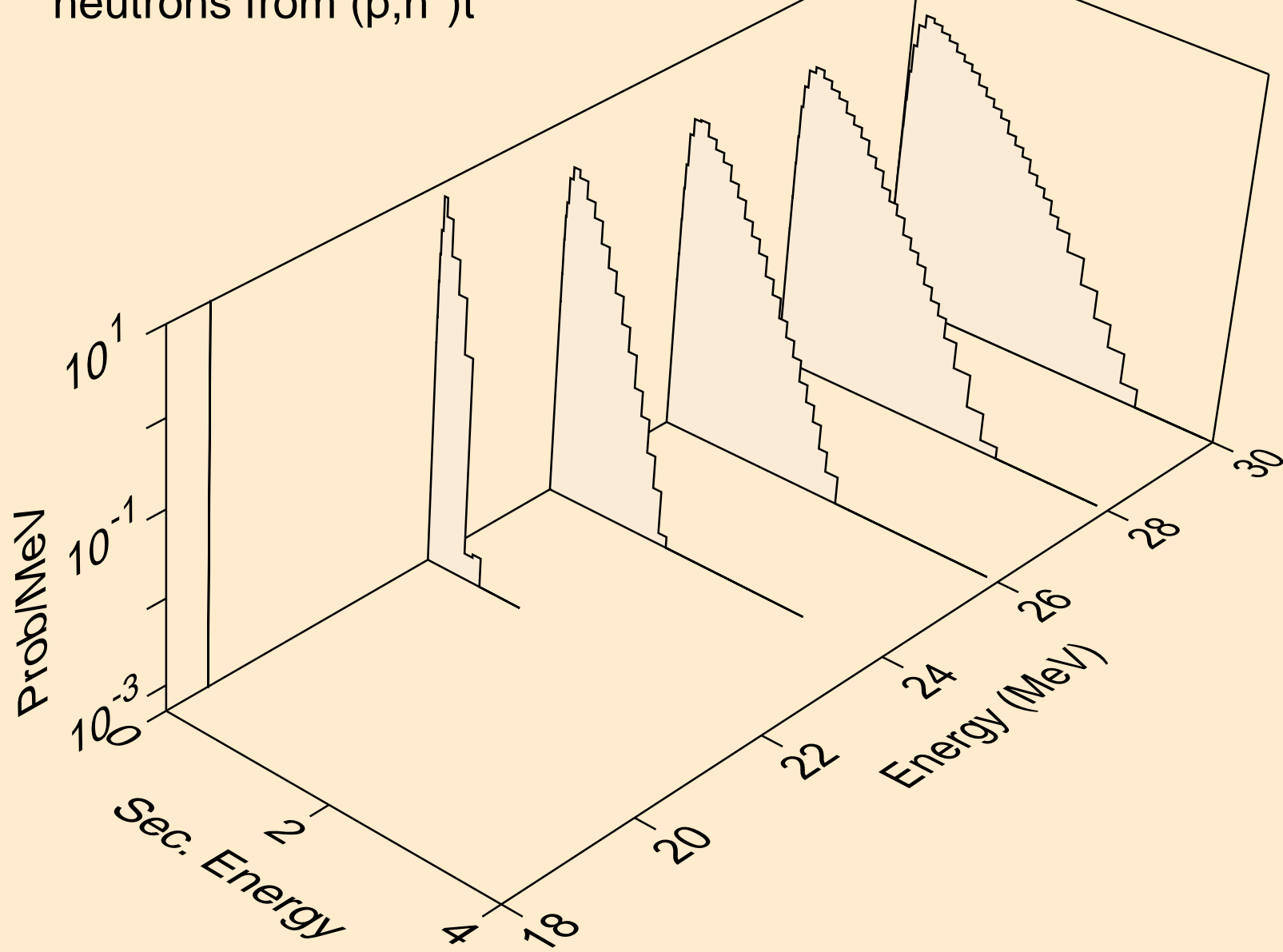
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neutrons from (p,n\*)2a



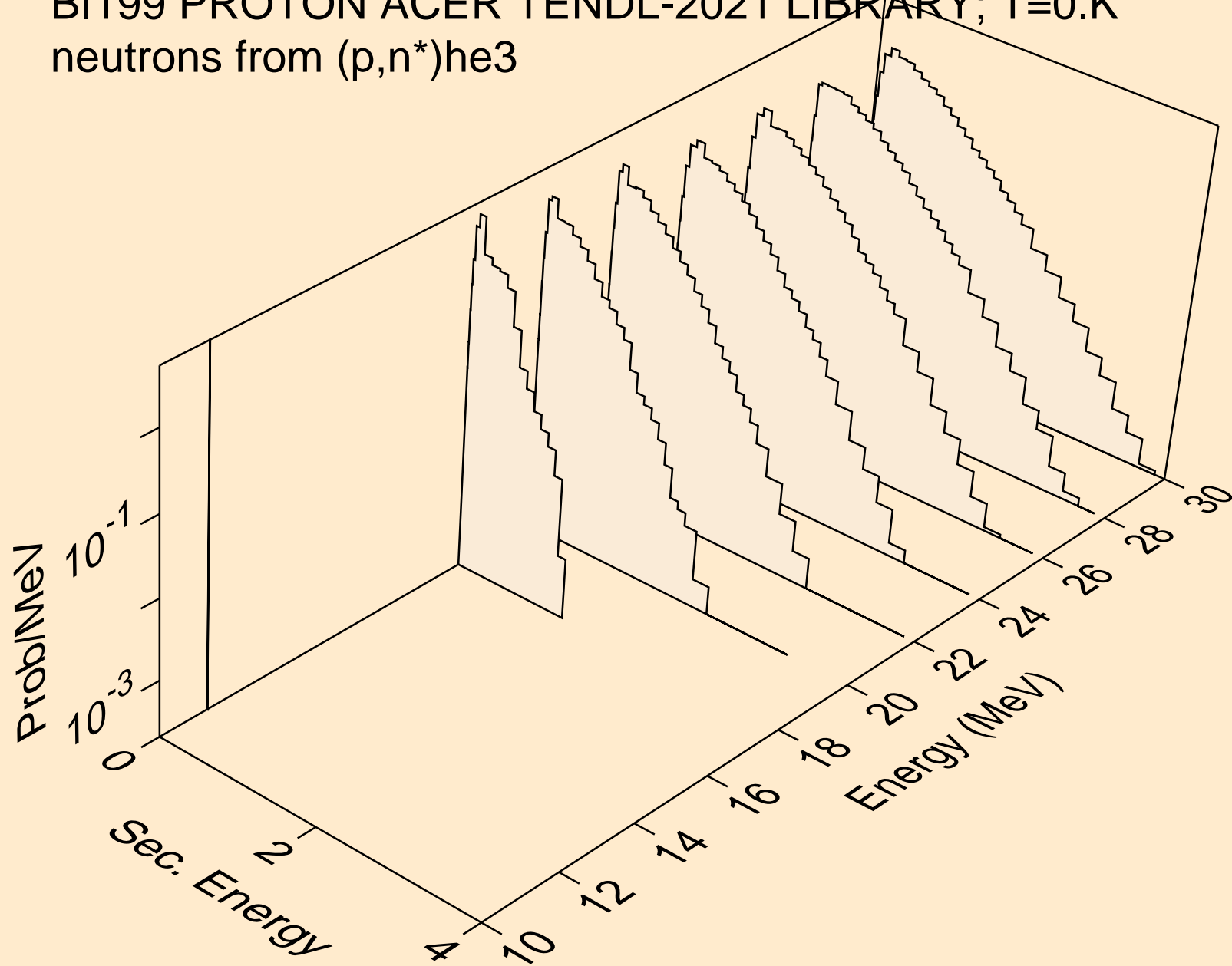
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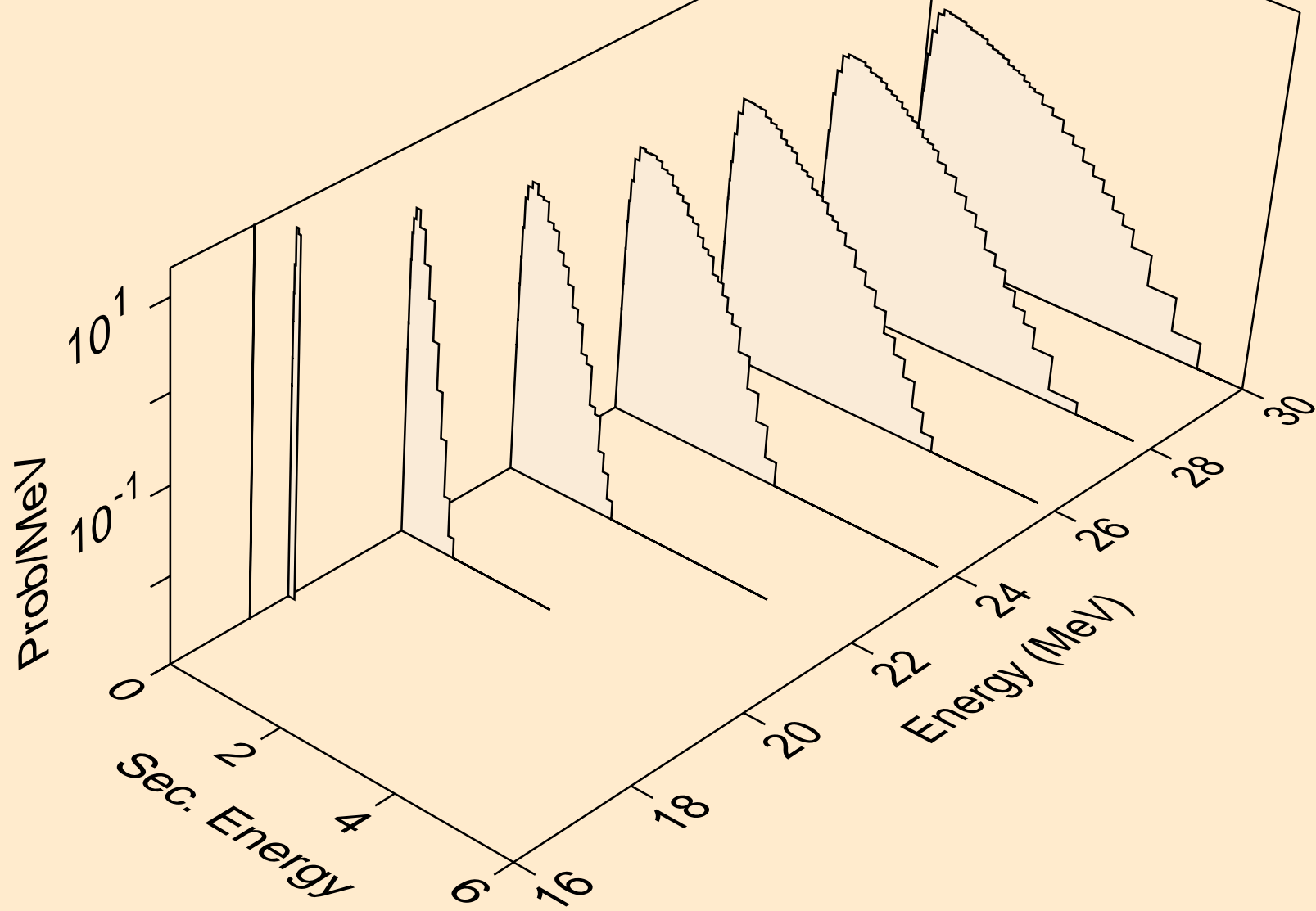
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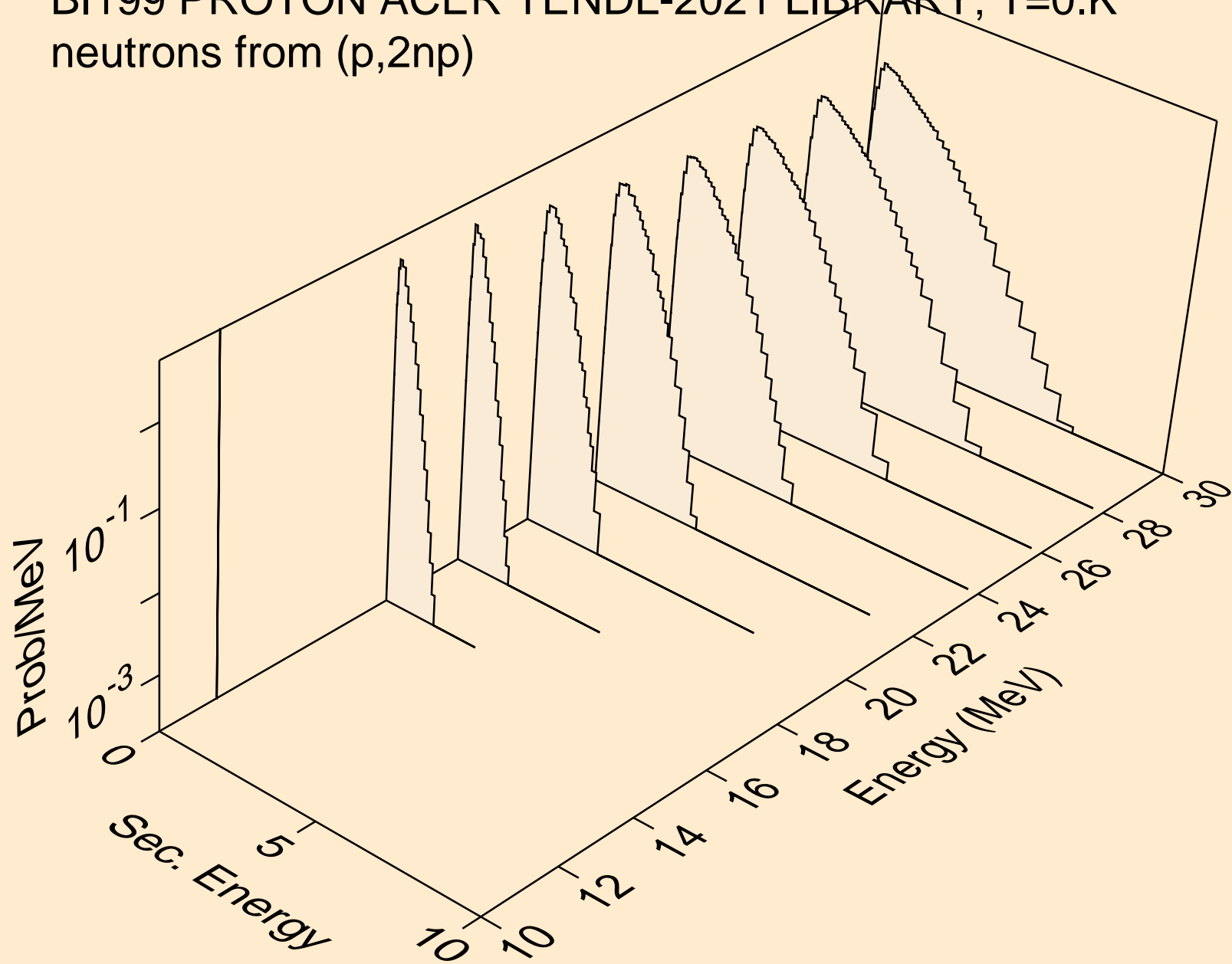
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neutrons from (p,n\*)he3



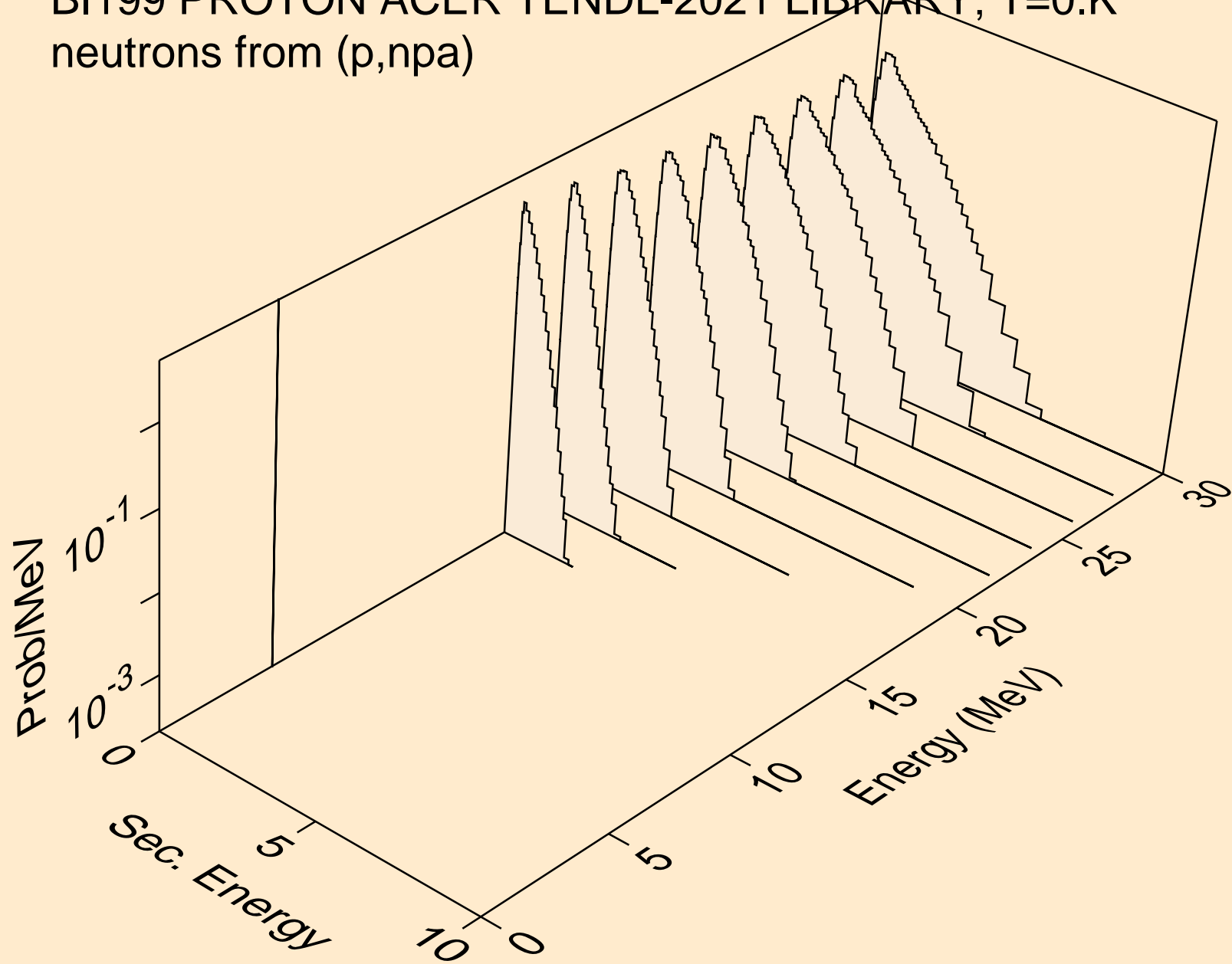
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

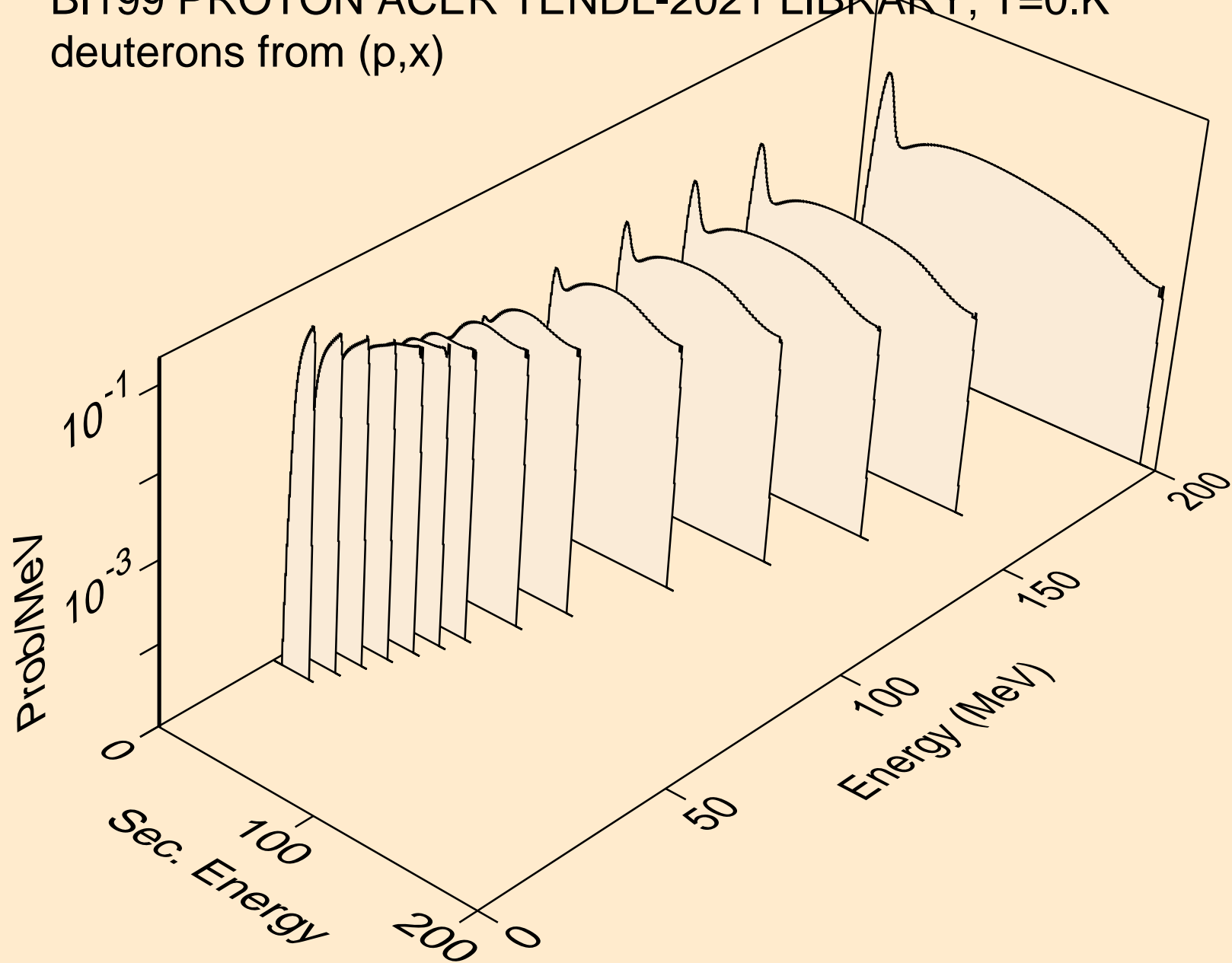


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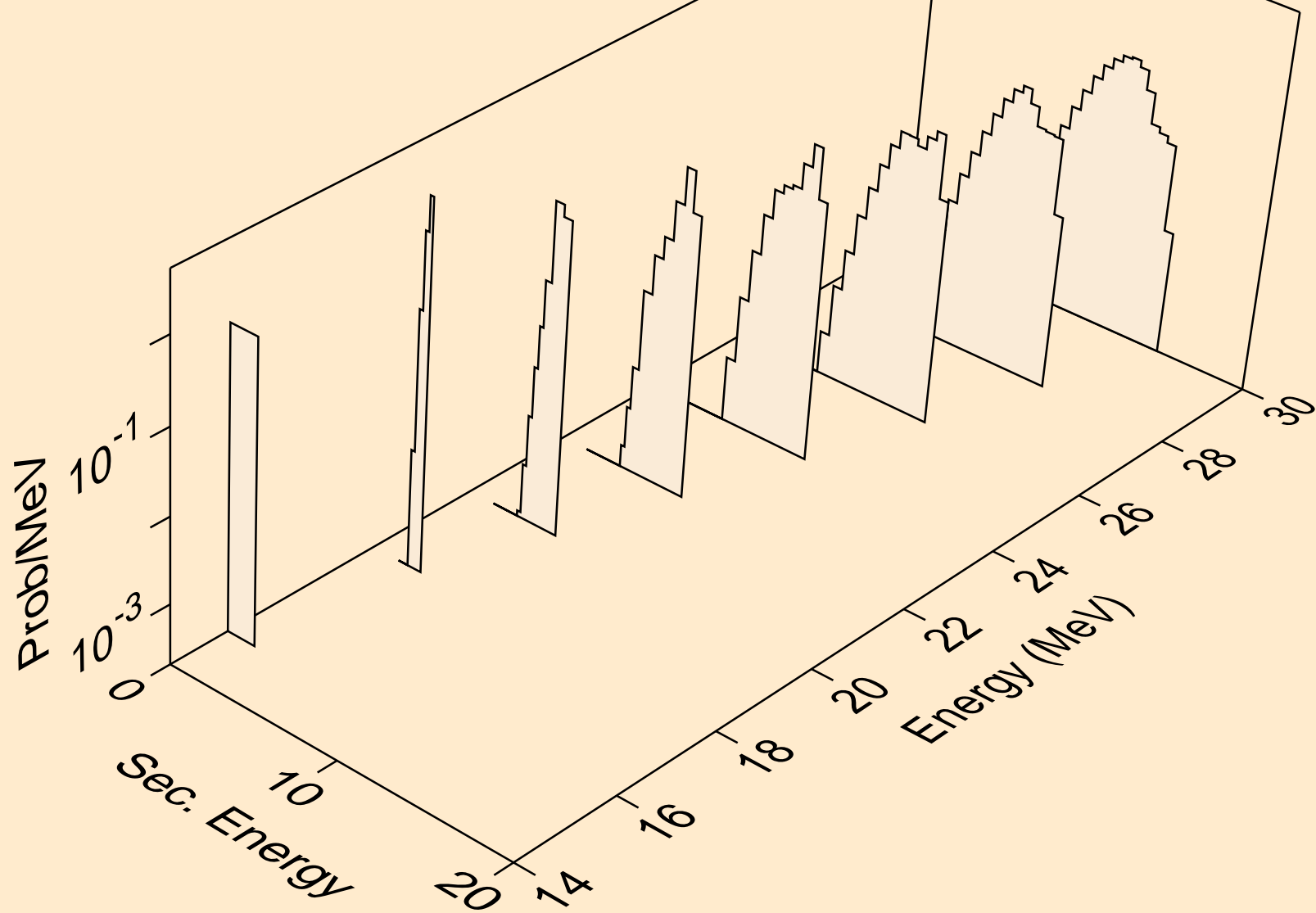




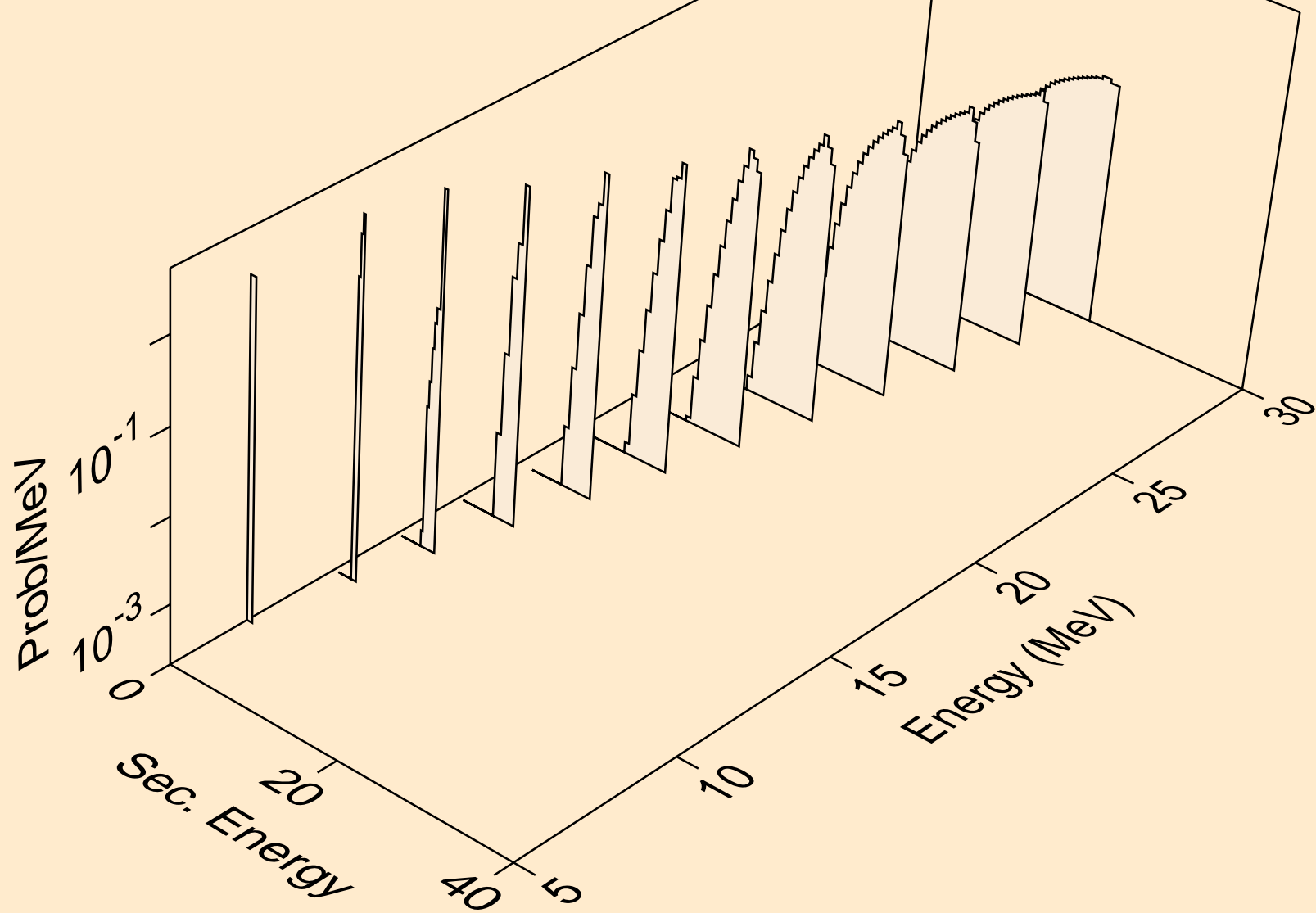
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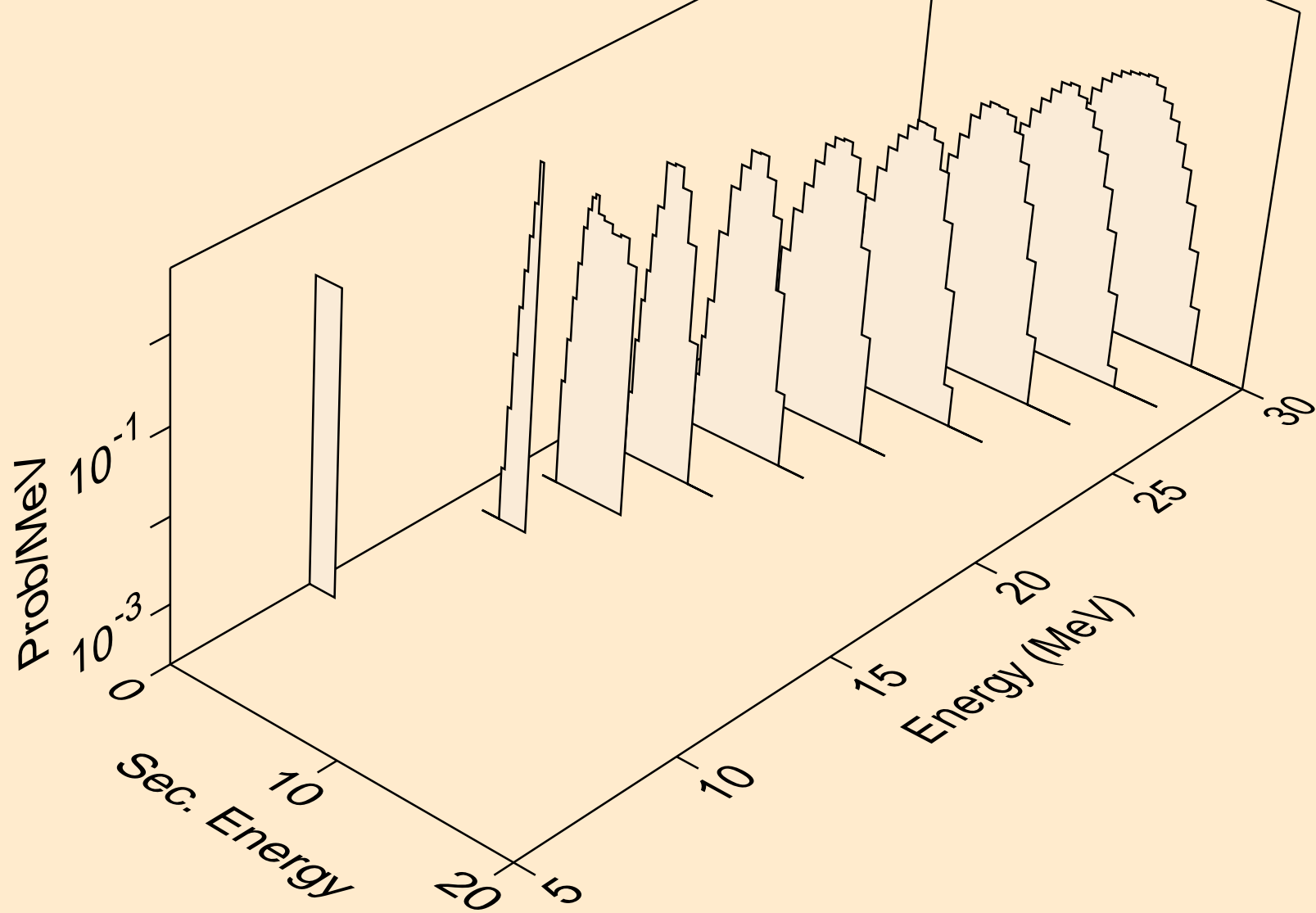
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



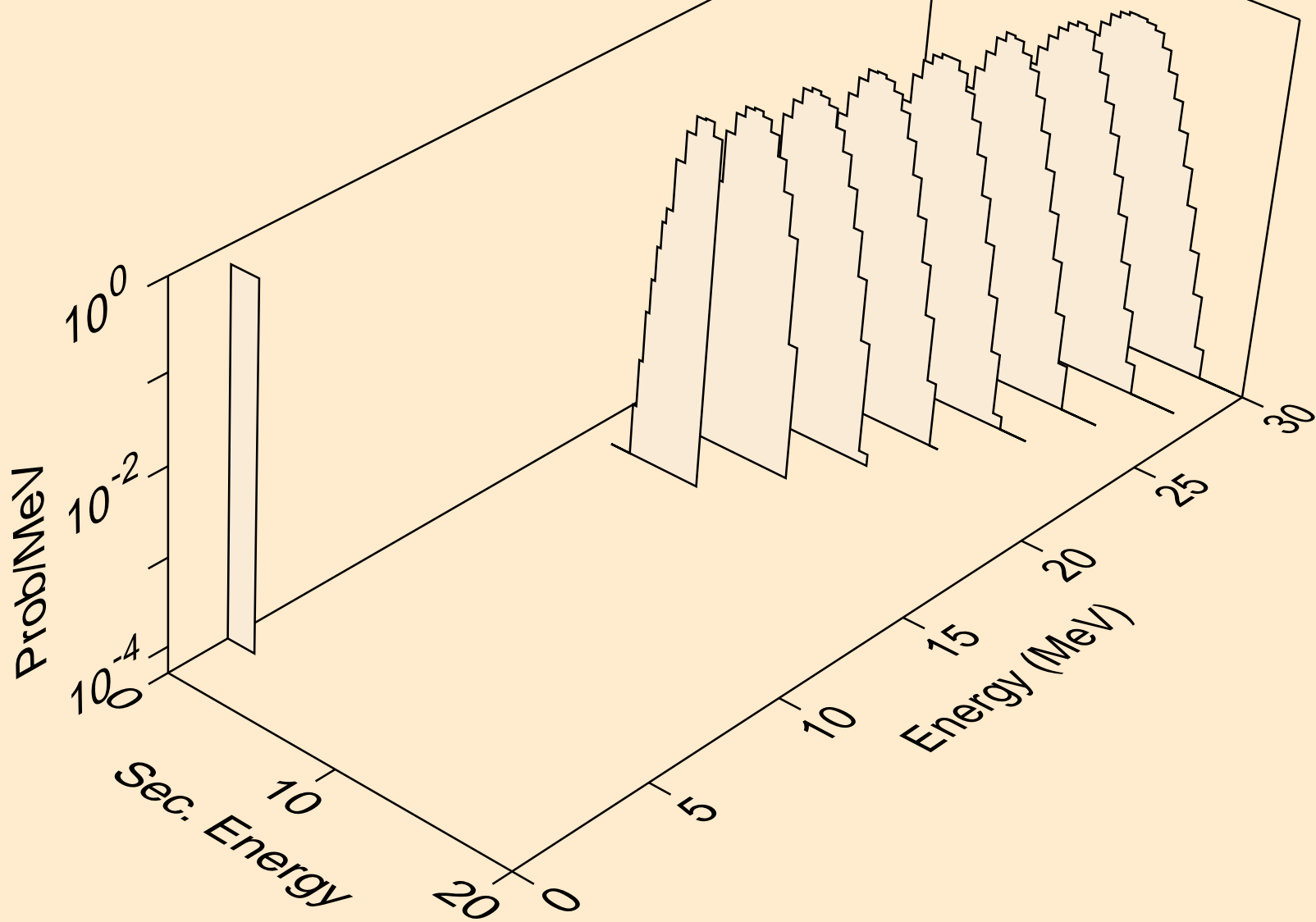
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



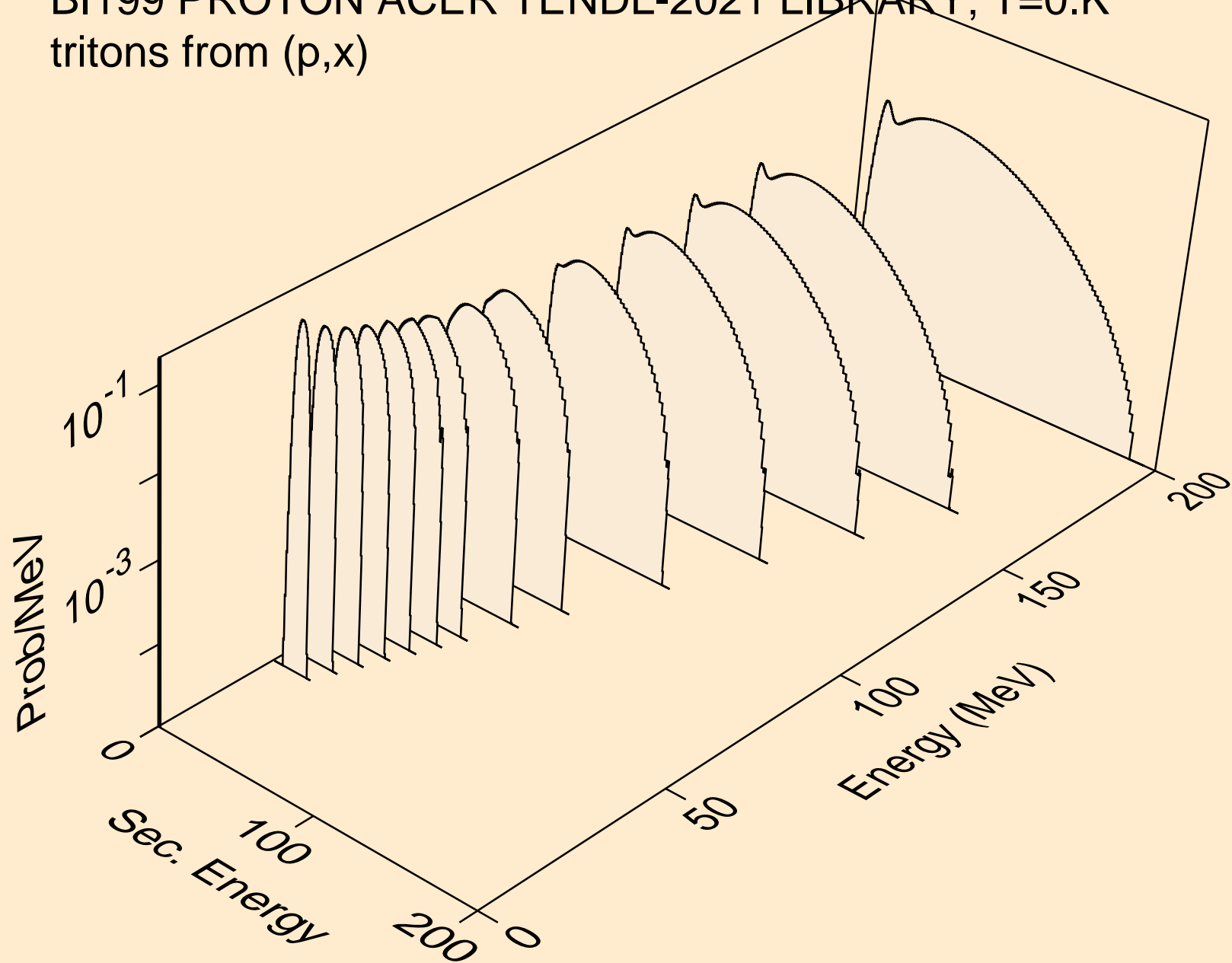
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deuterons from (p,pd)



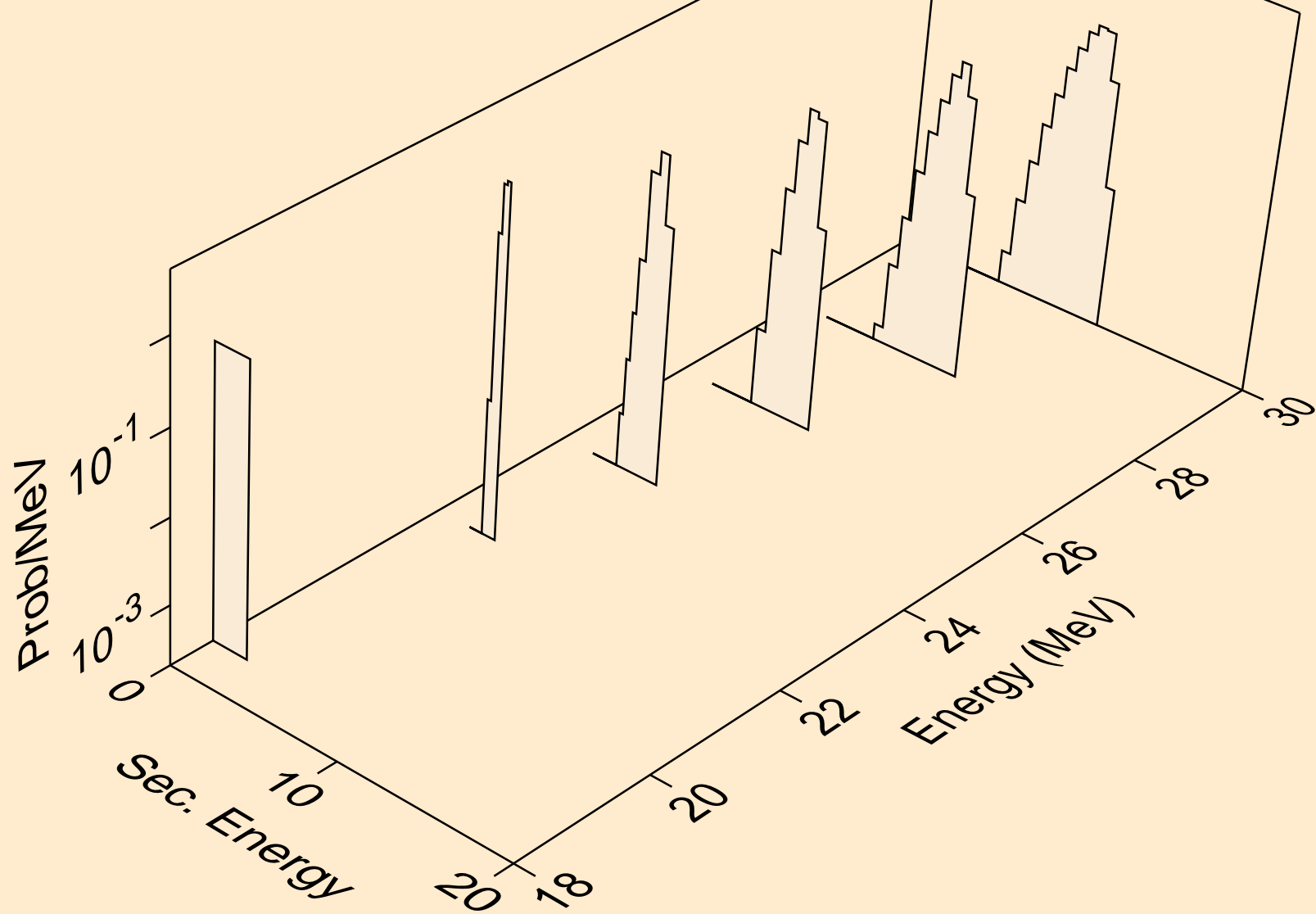
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deuterons from (p,da)



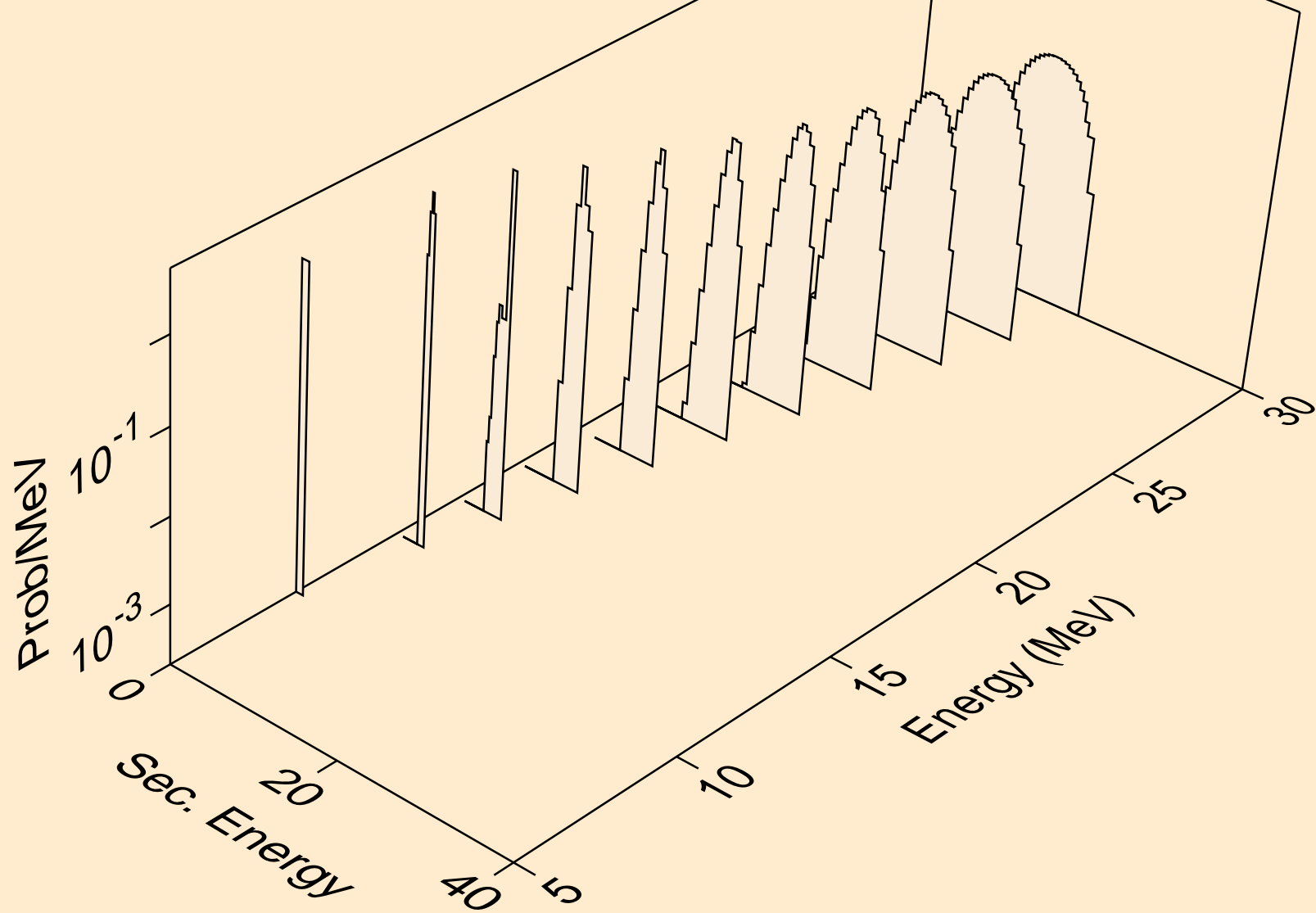
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

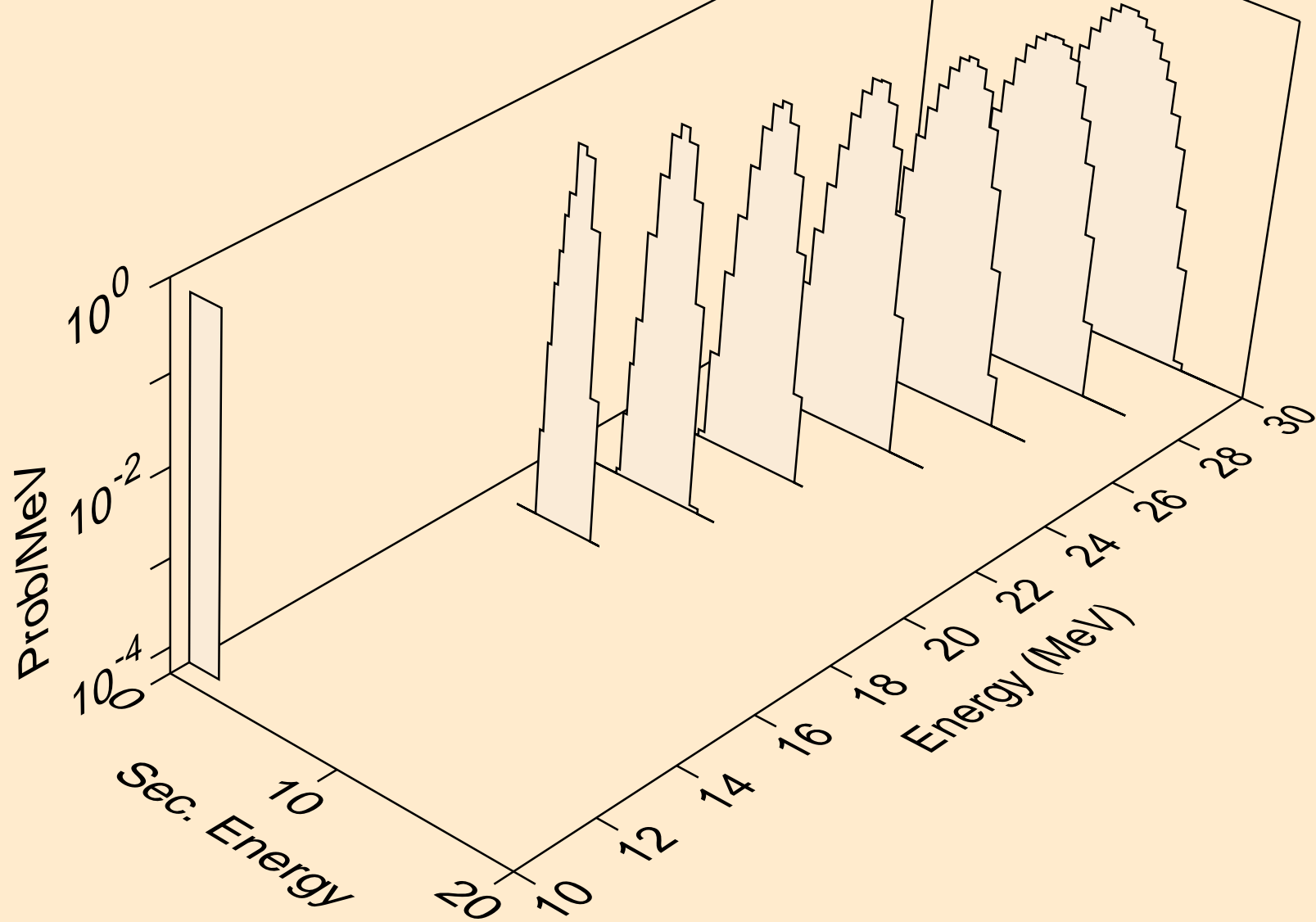


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tritons from (p,t)

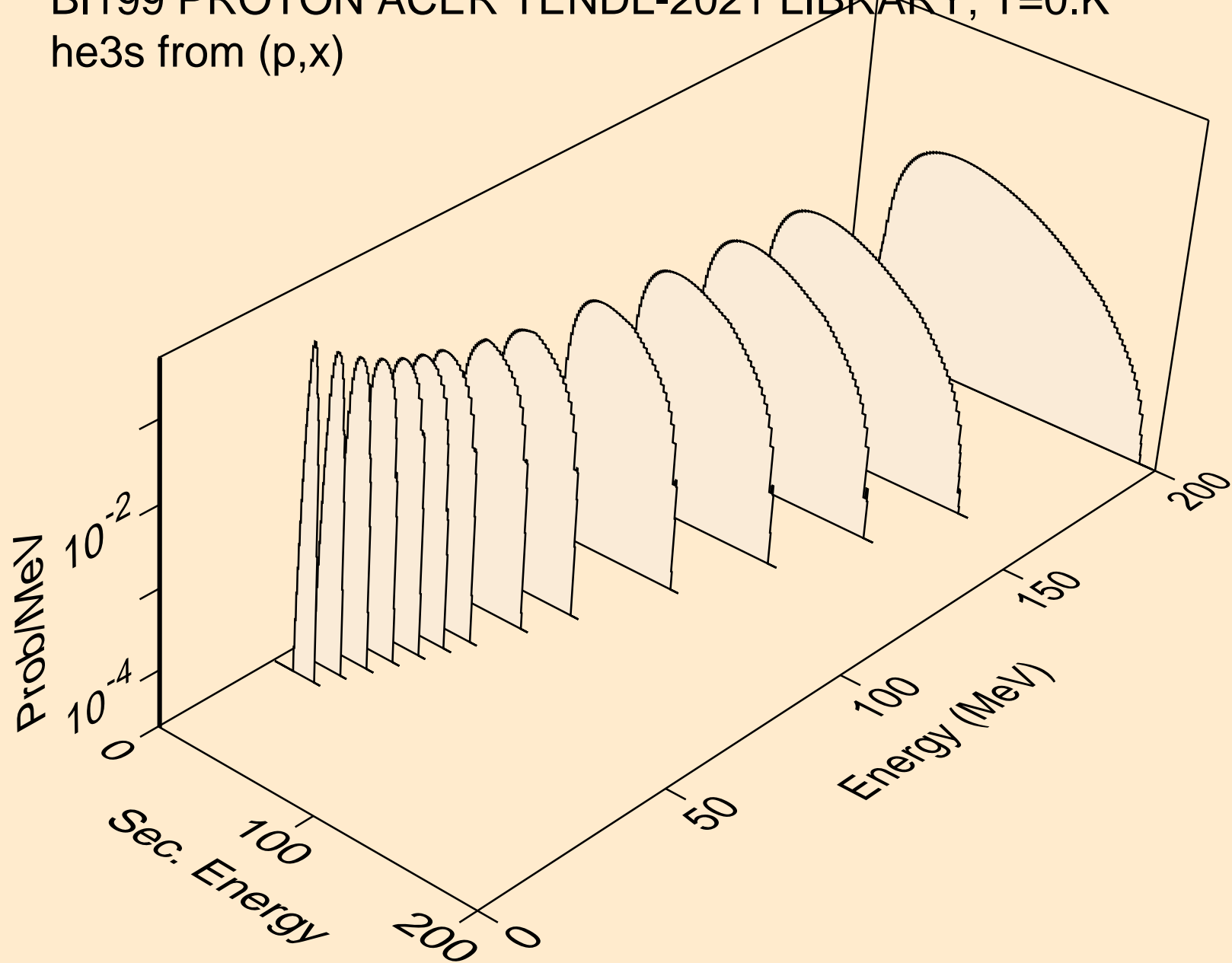




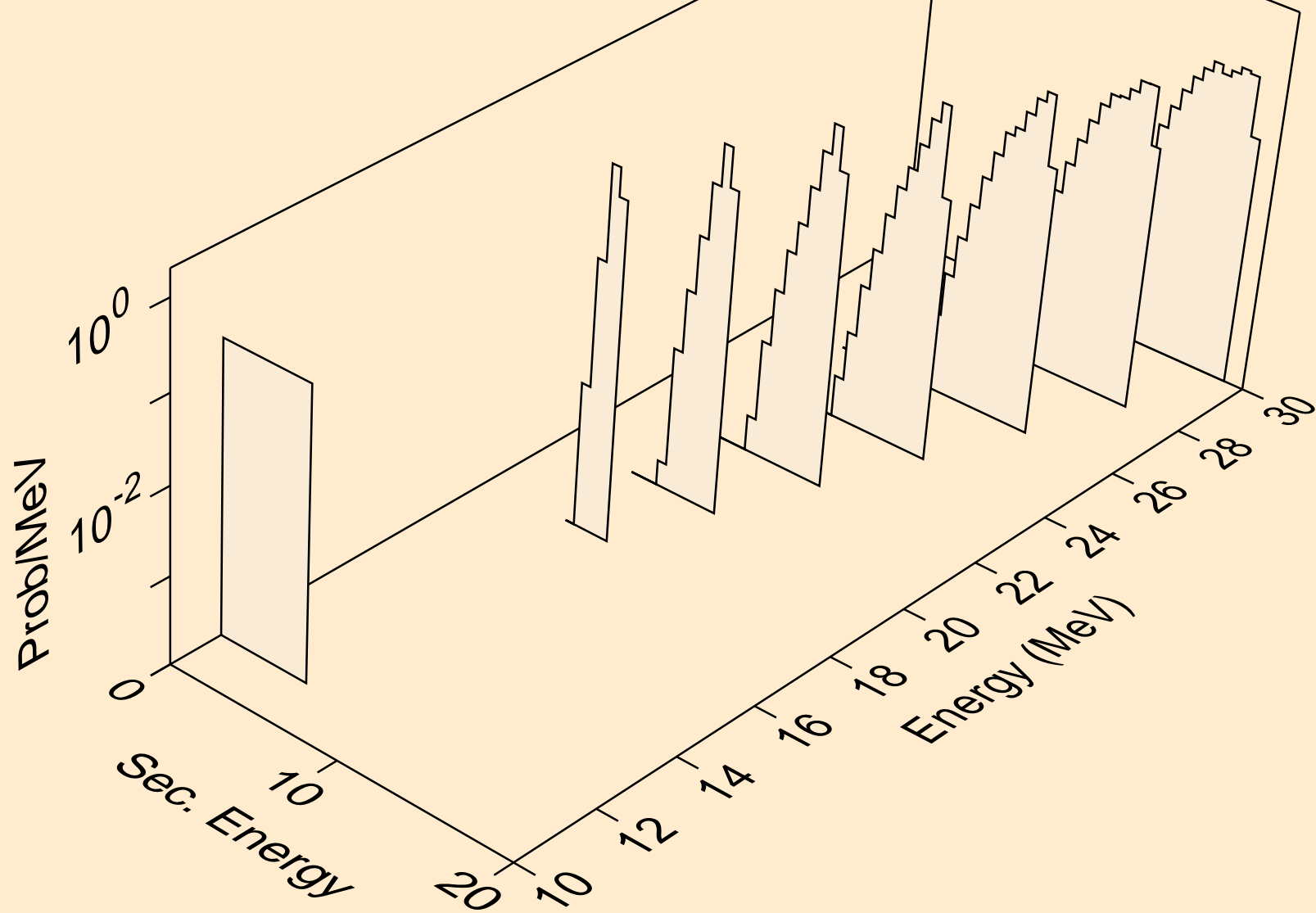
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tritons from (p,pt)



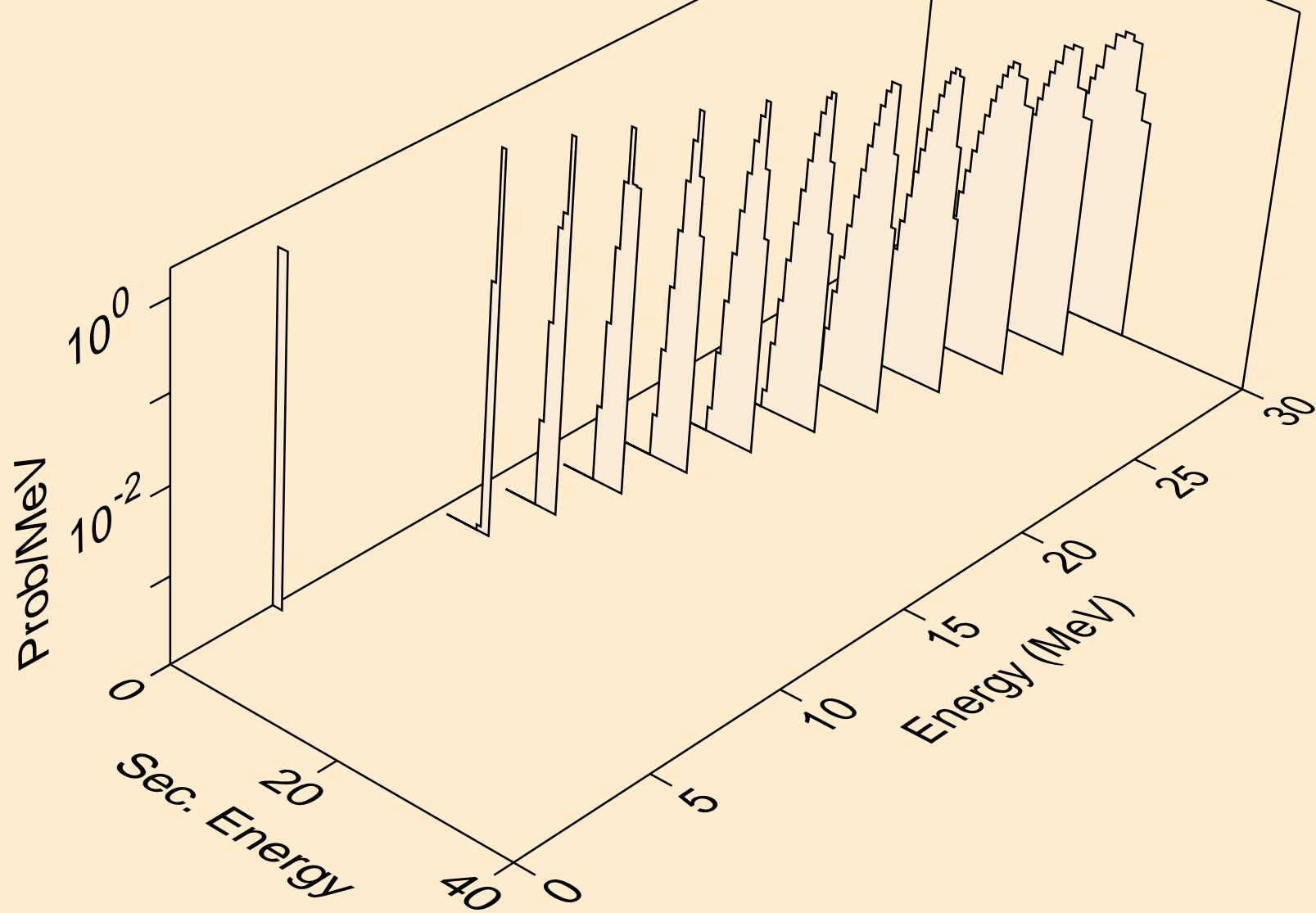
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he3s from (p,x)



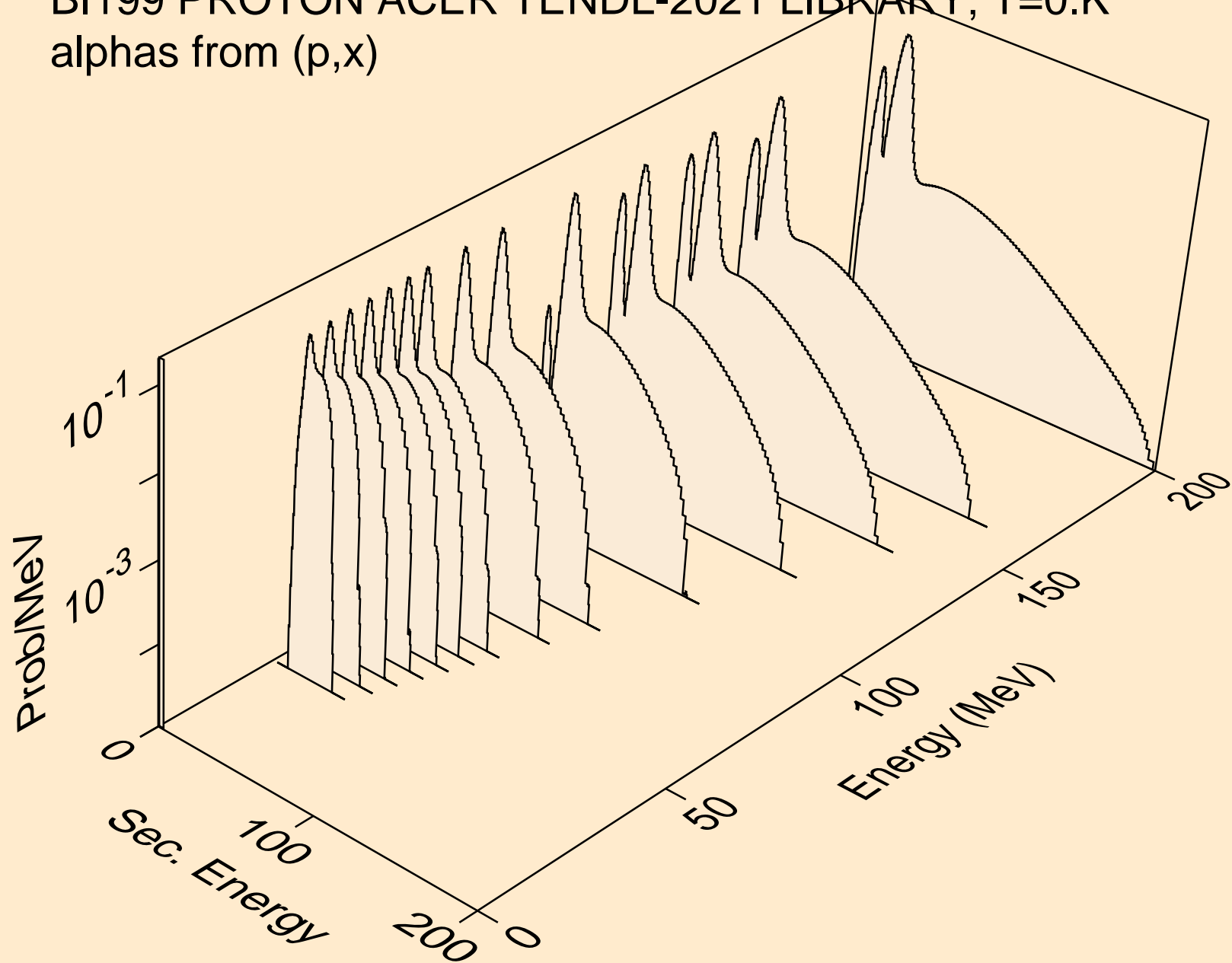
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he3s from (p,n\*)he3



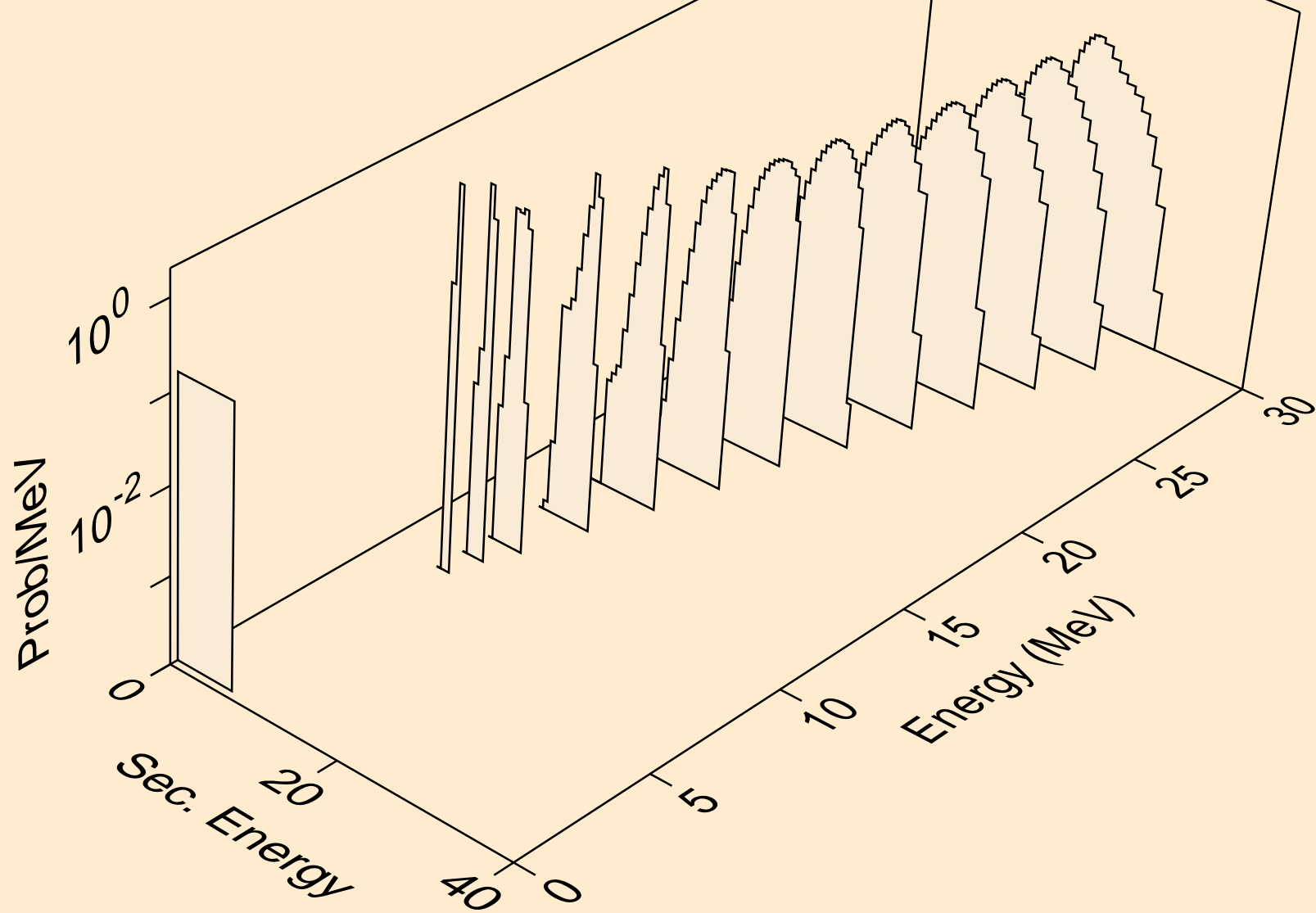
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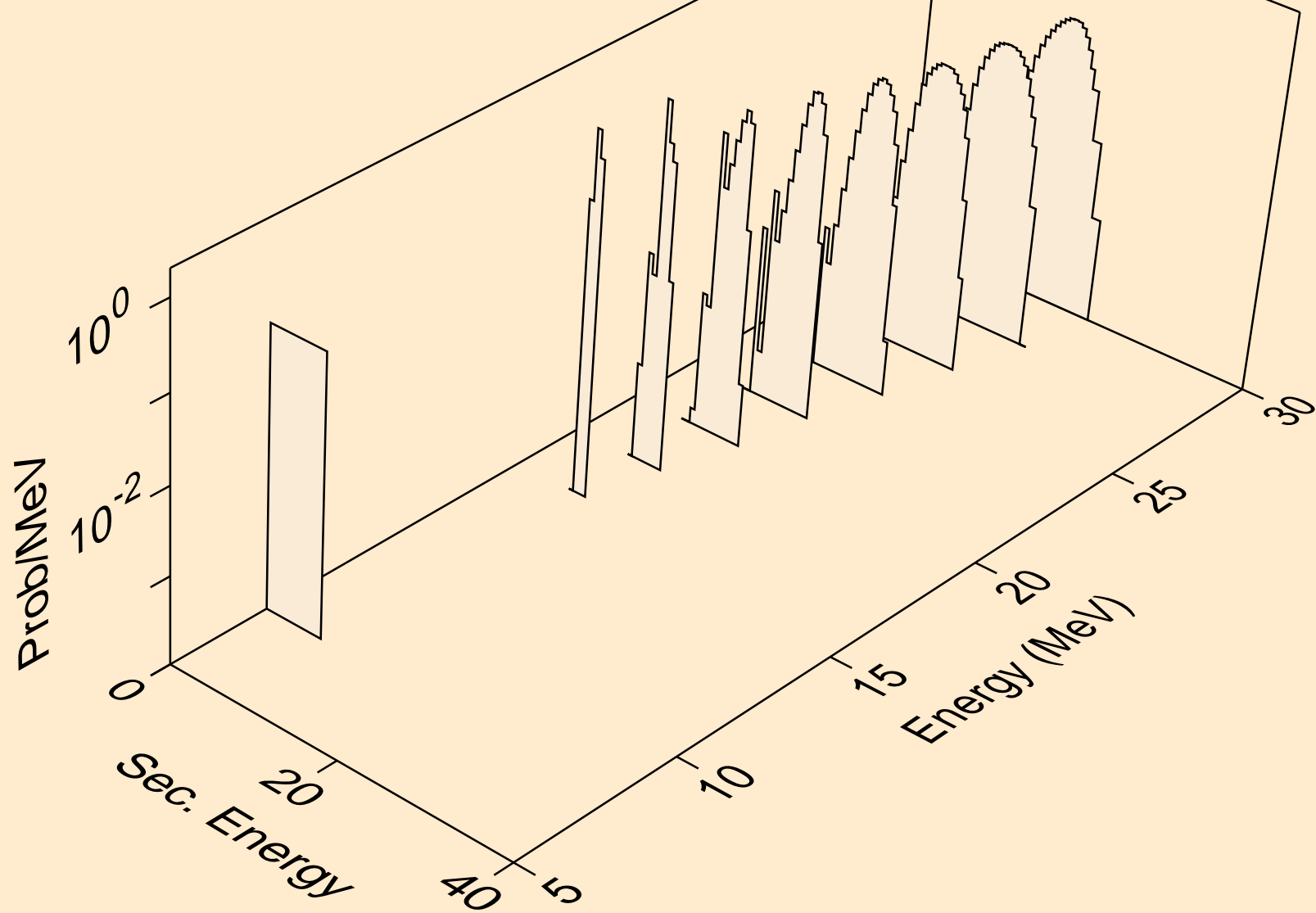
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



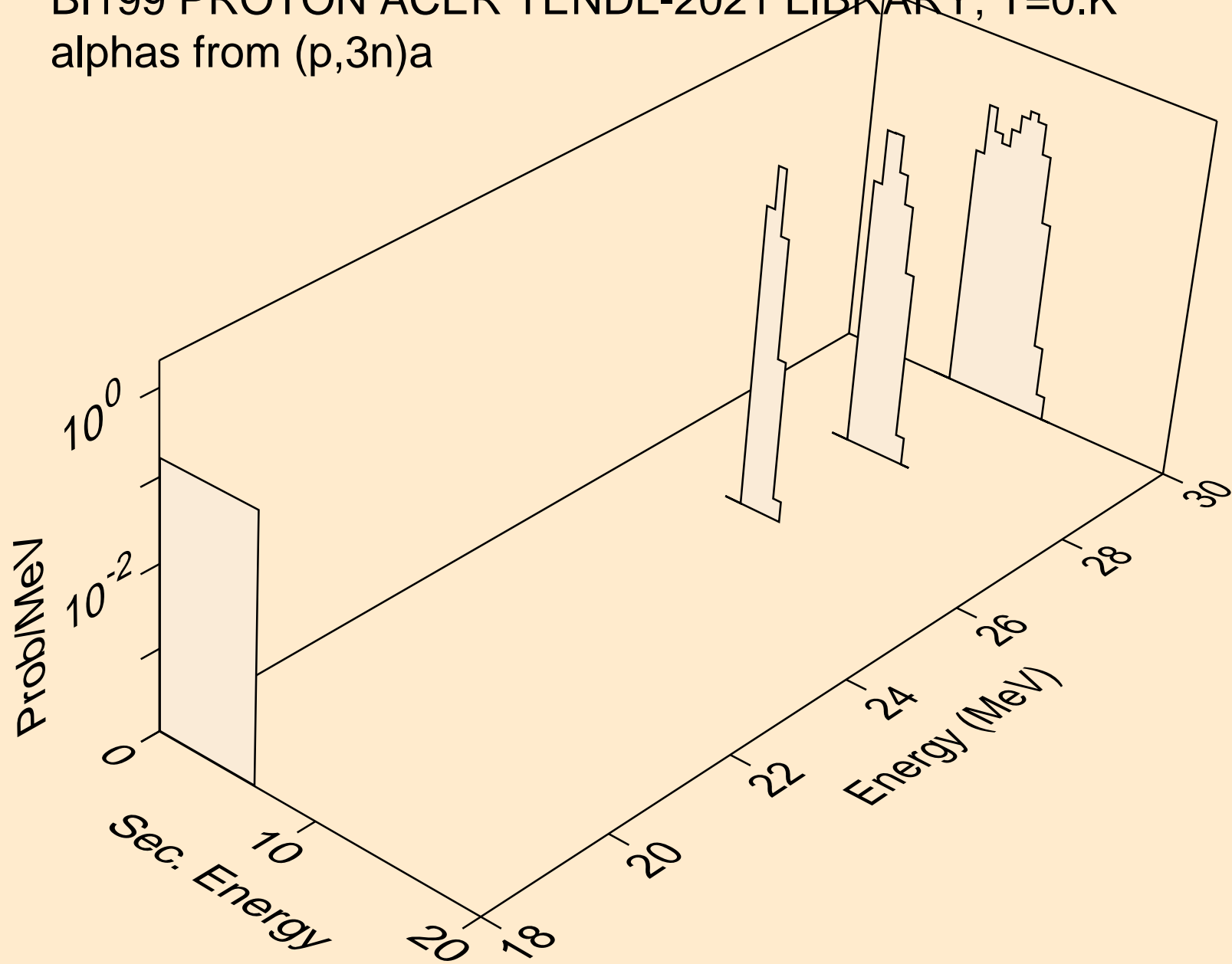
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

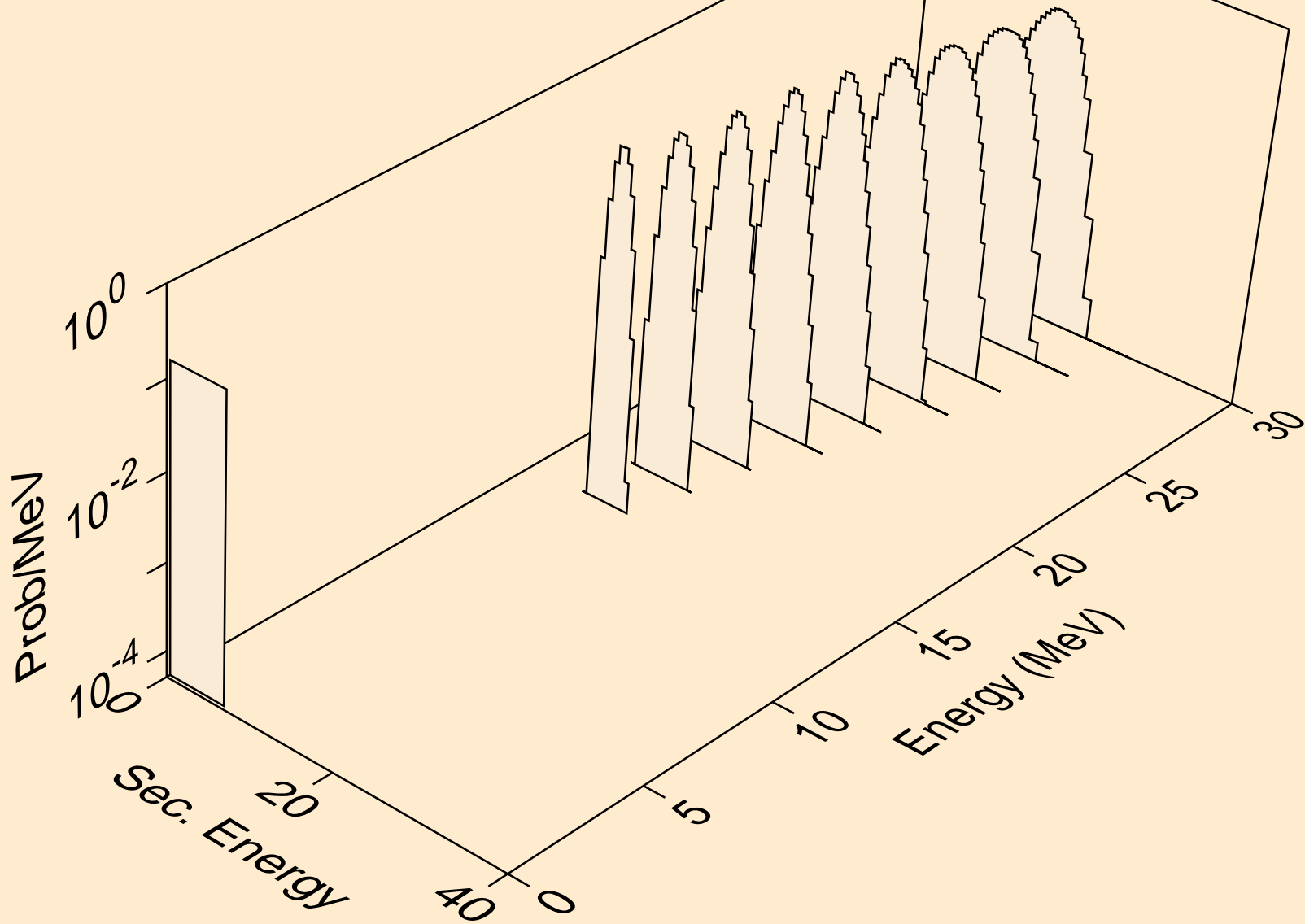


BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a

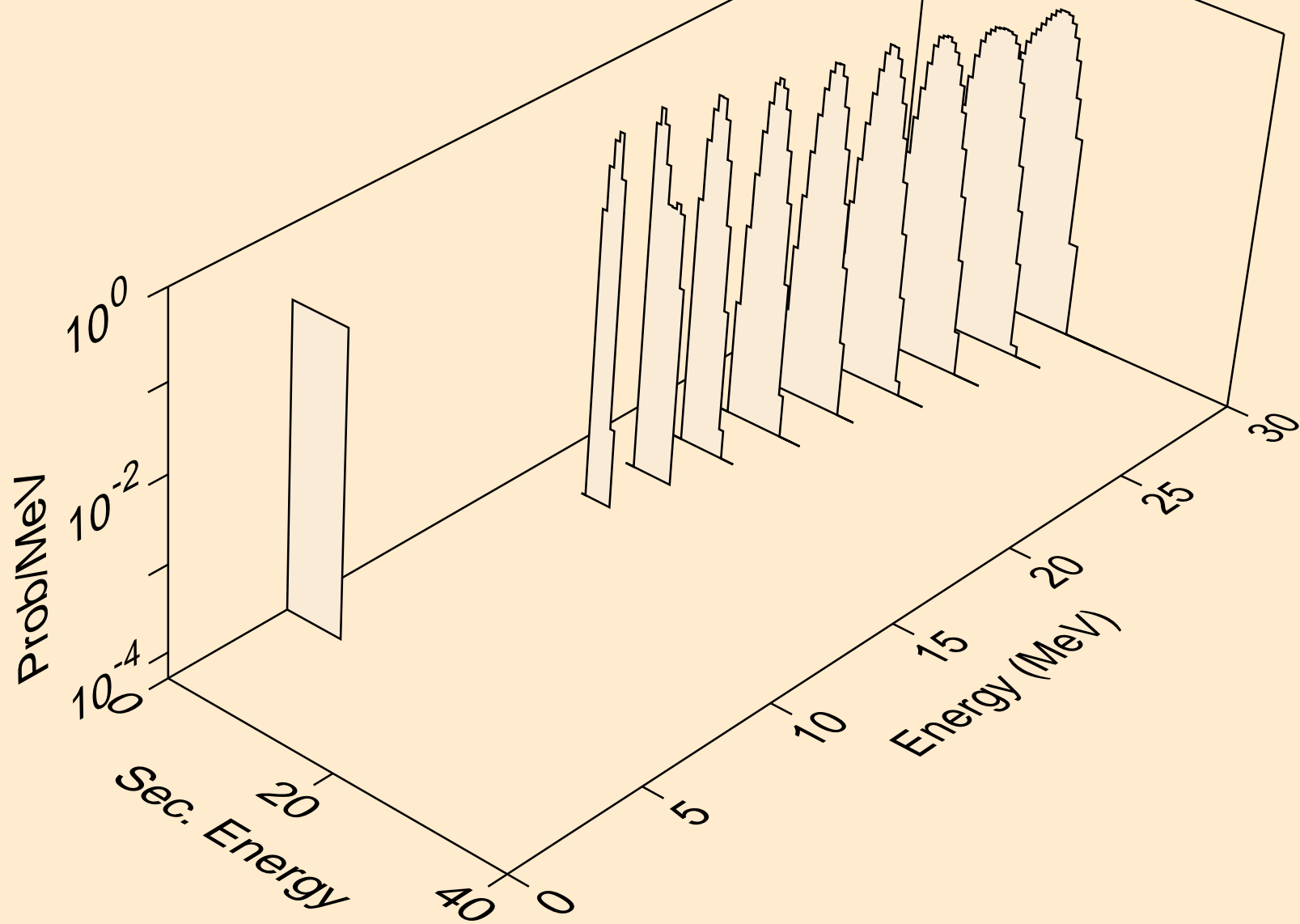




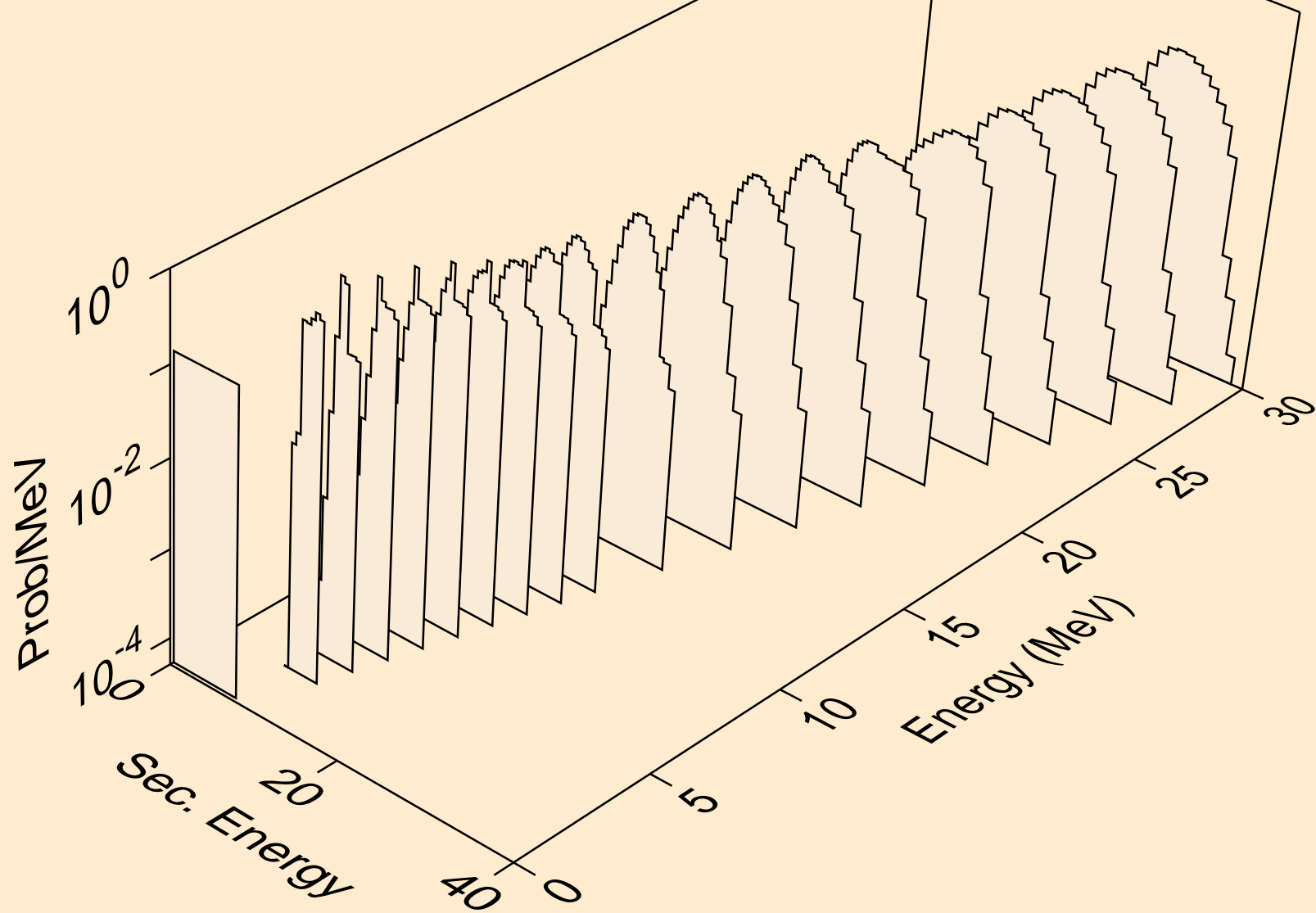
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



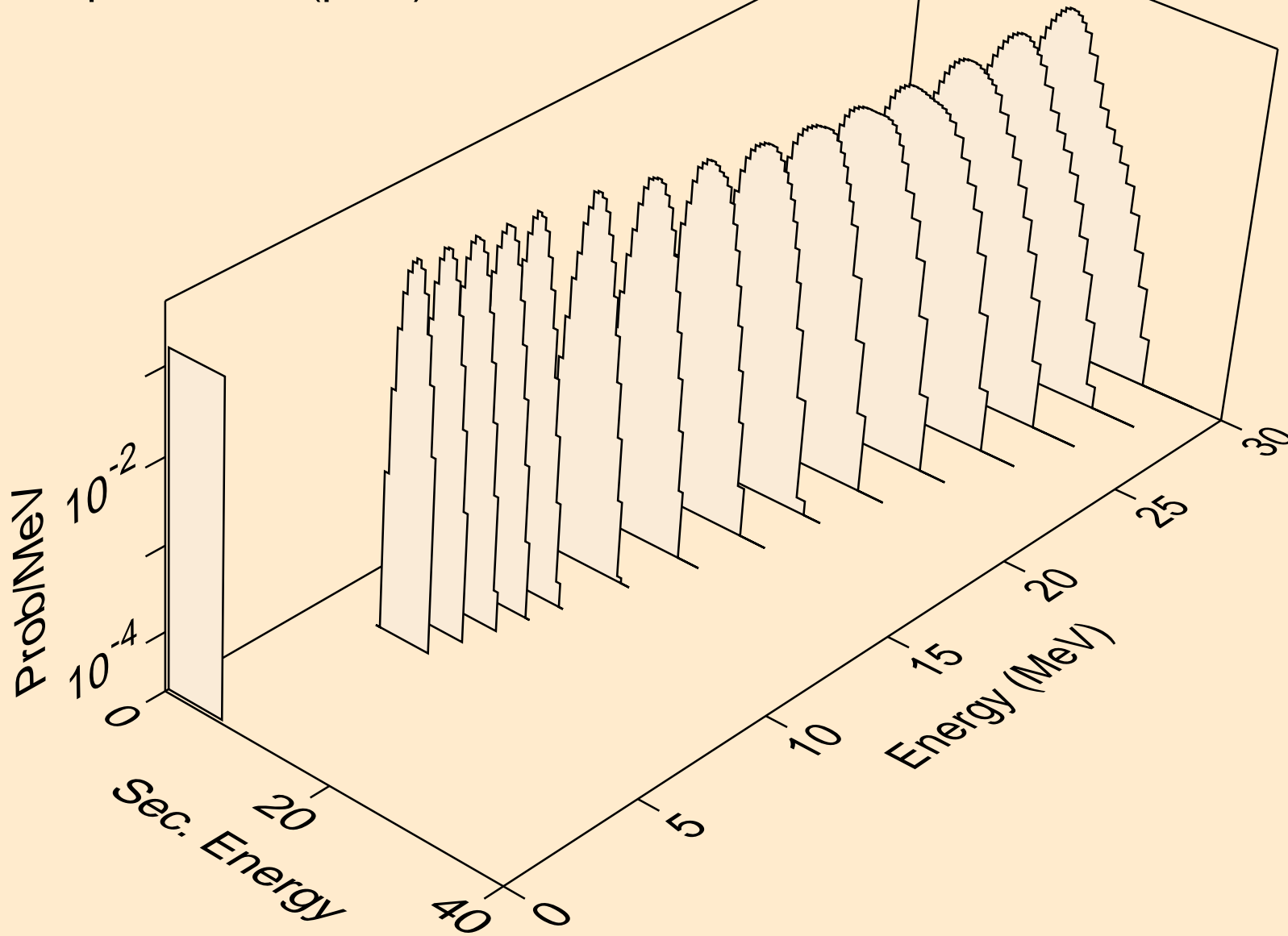
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



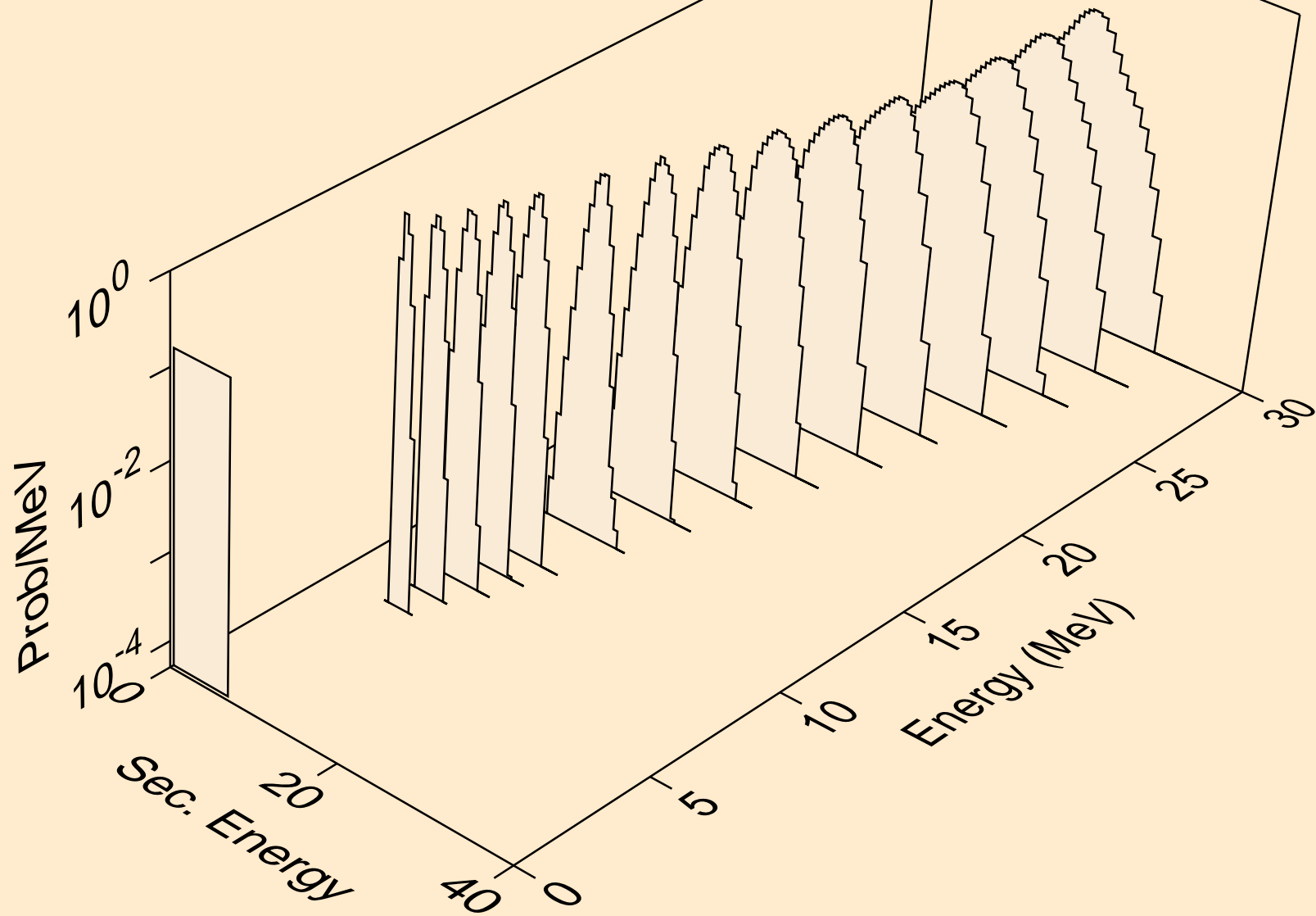
BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



BI199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

