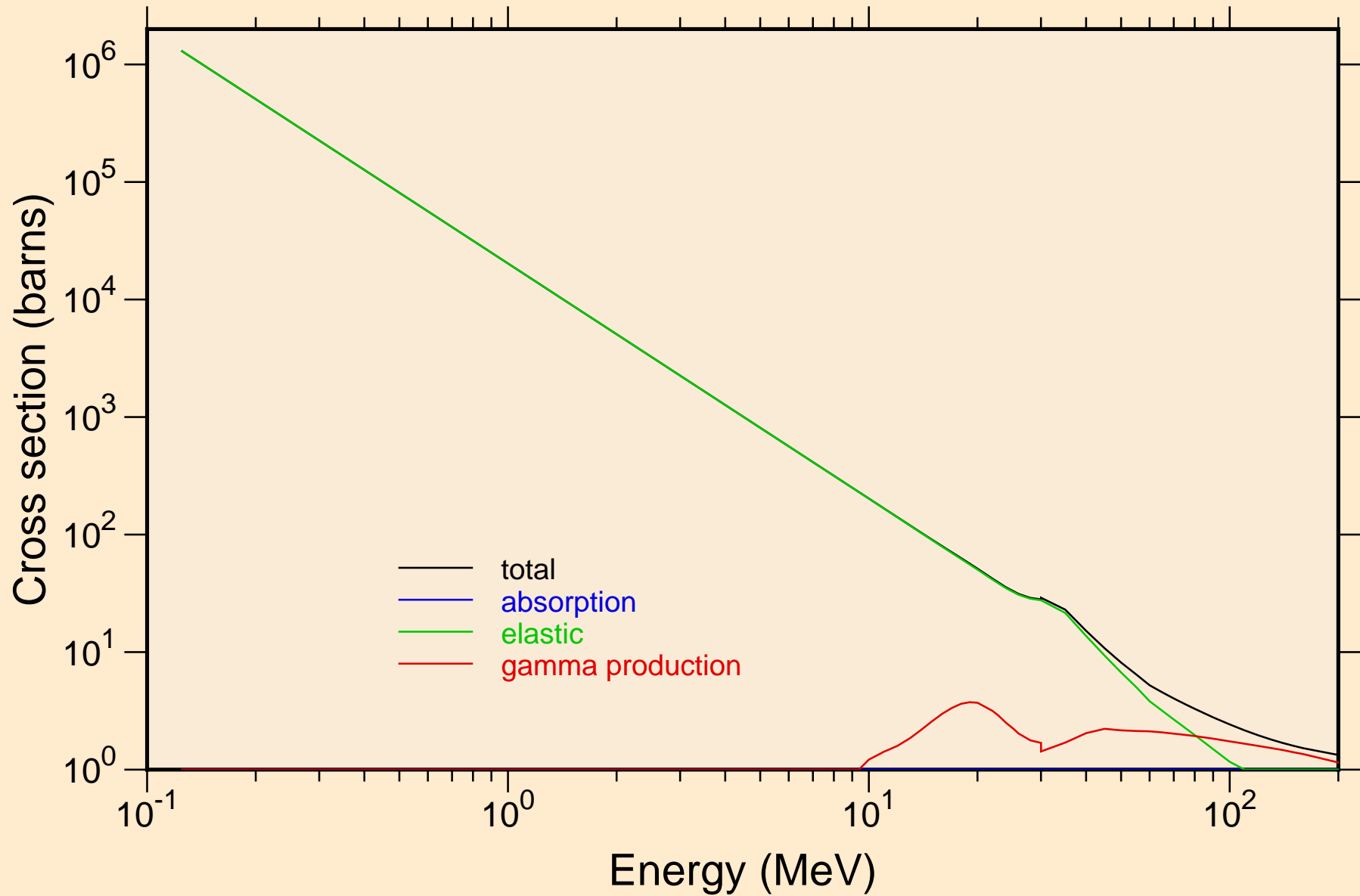
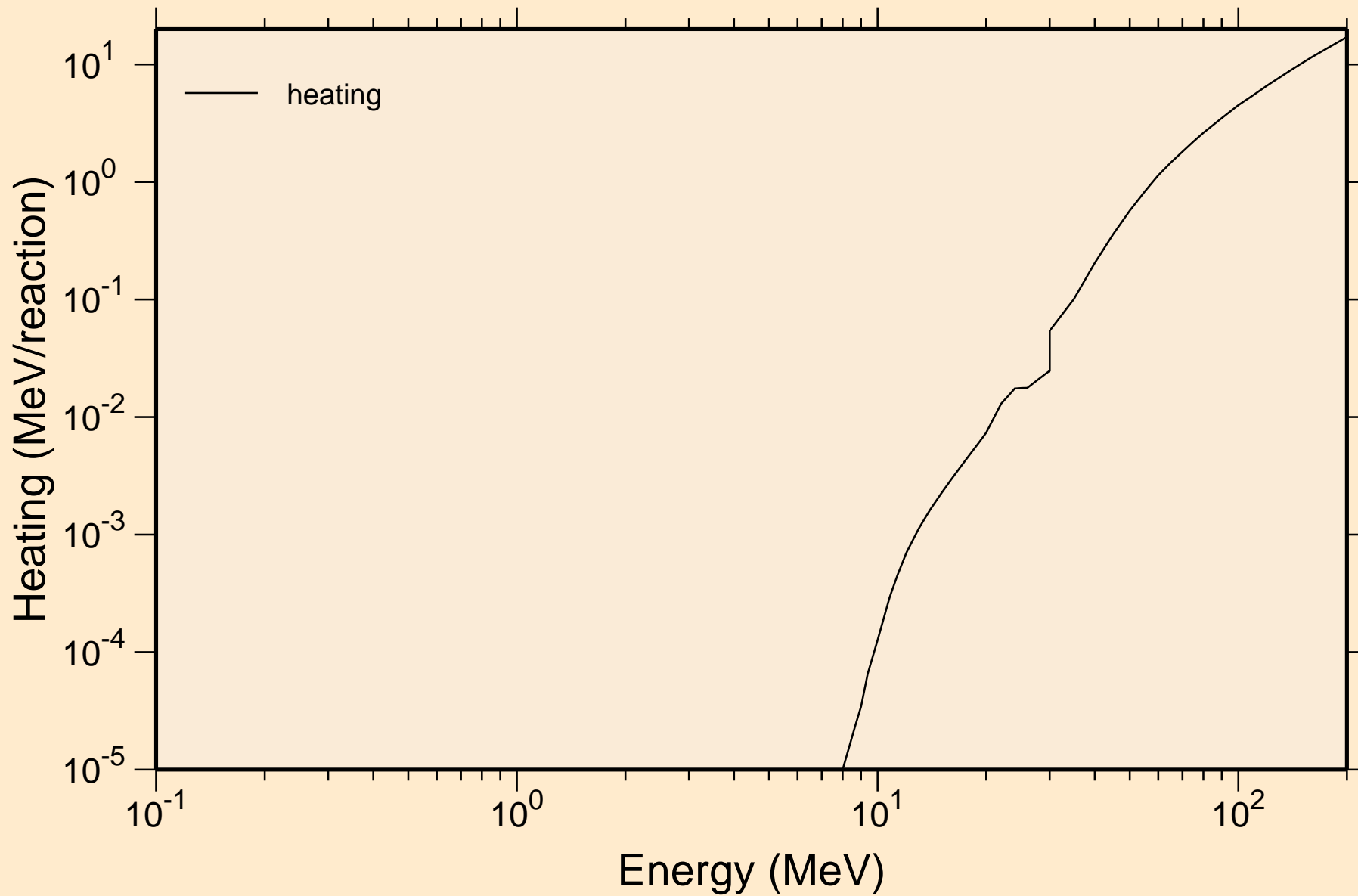


# LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

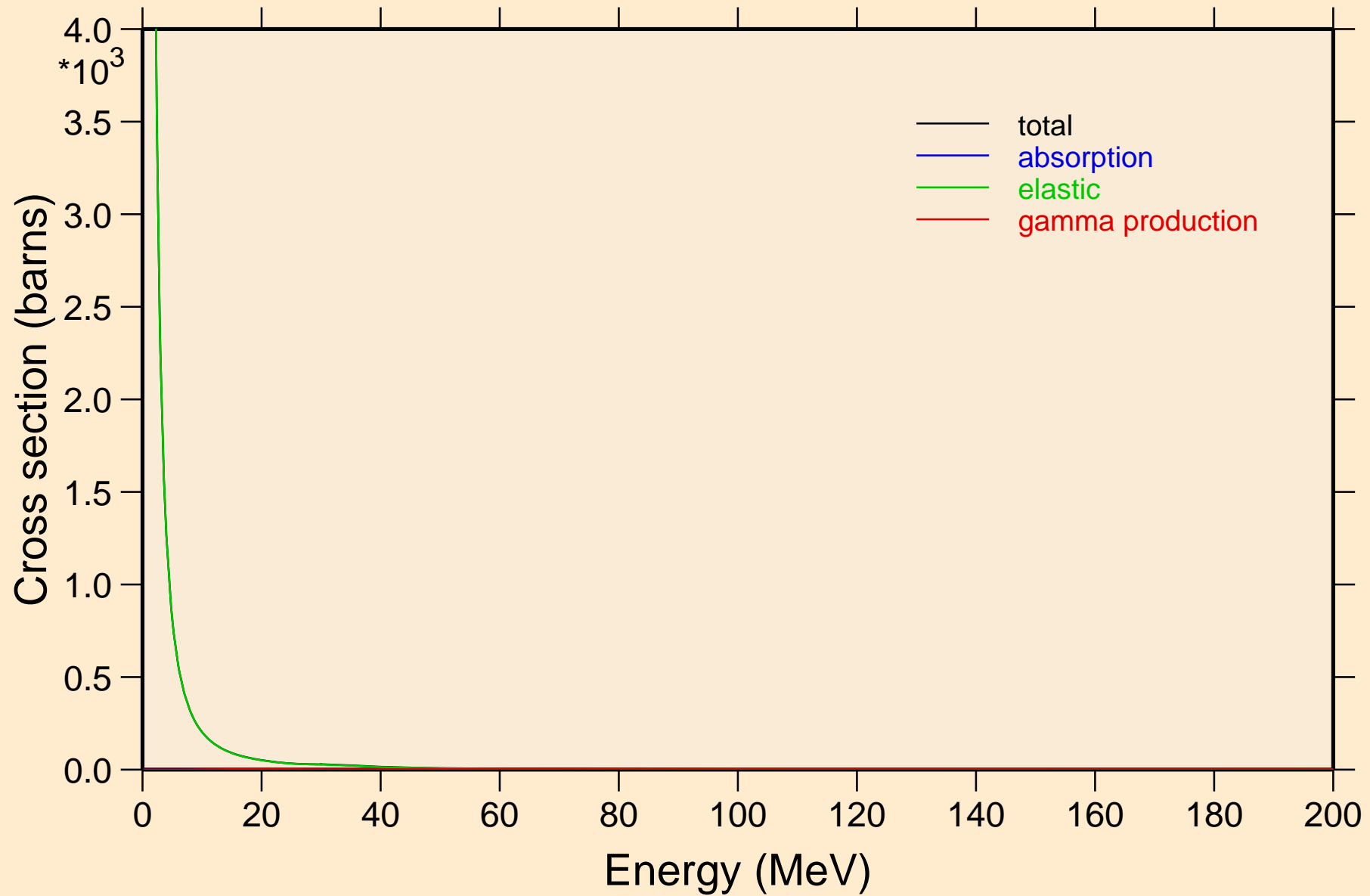


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



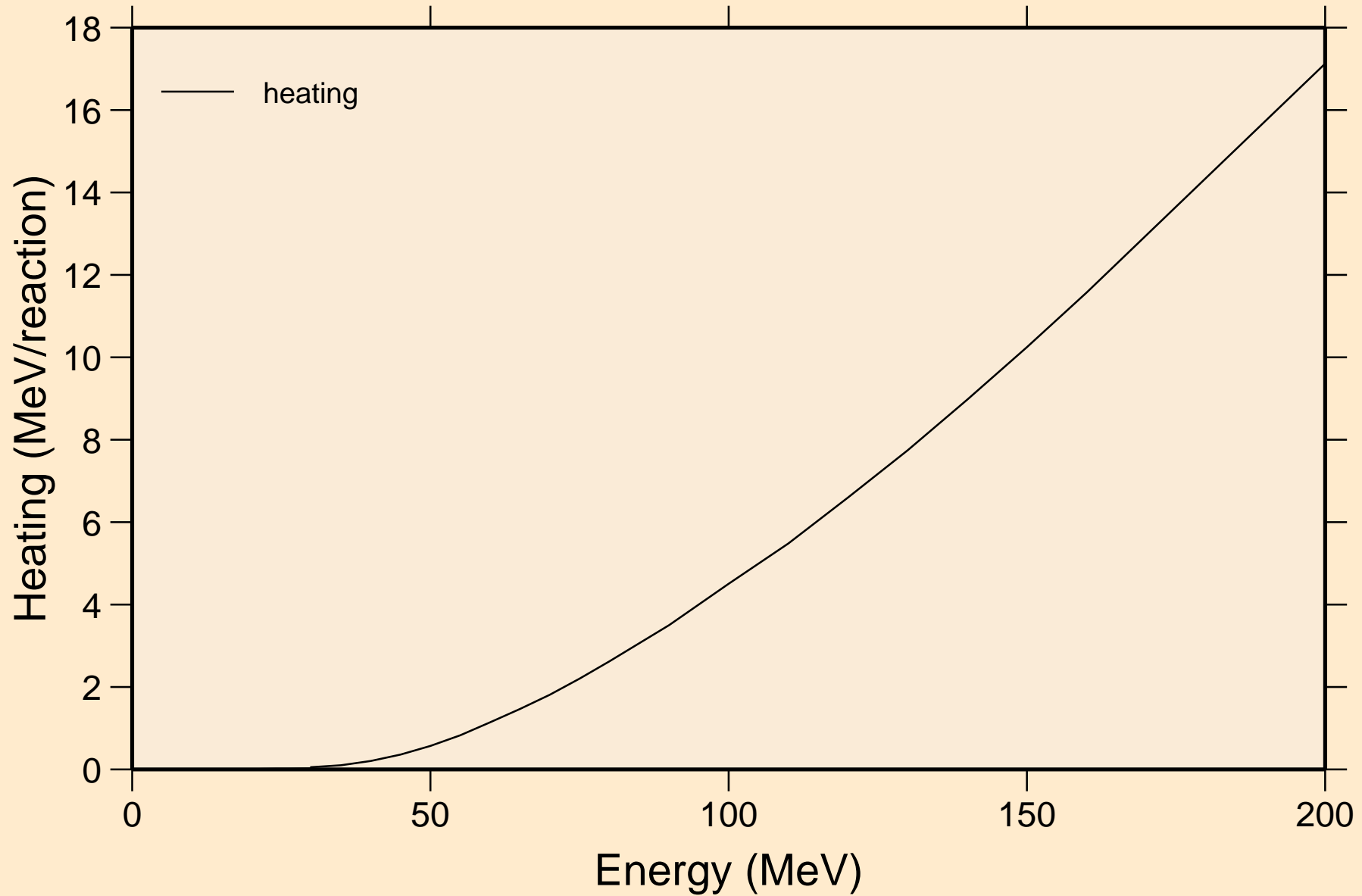
# LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

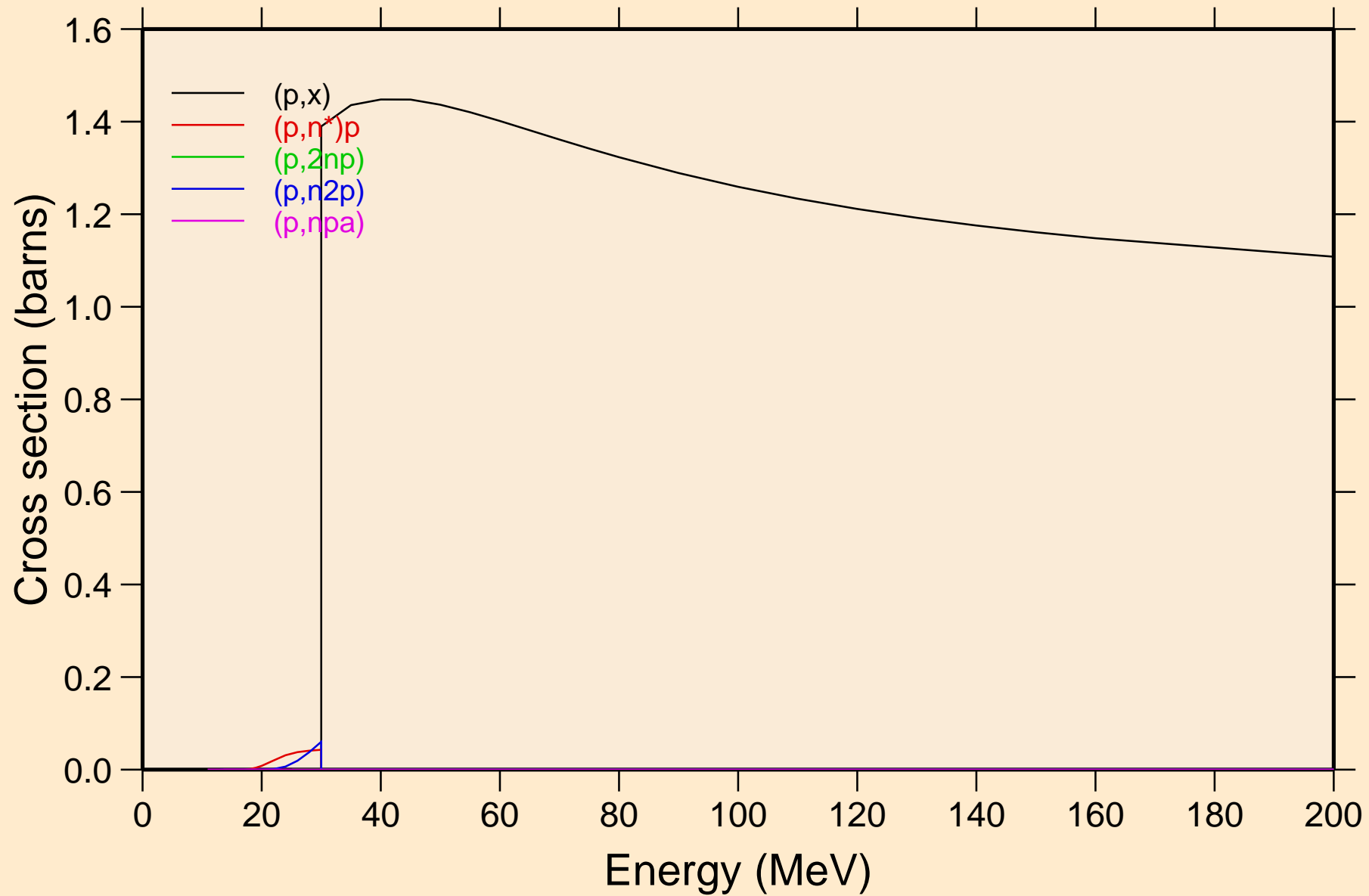


# LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

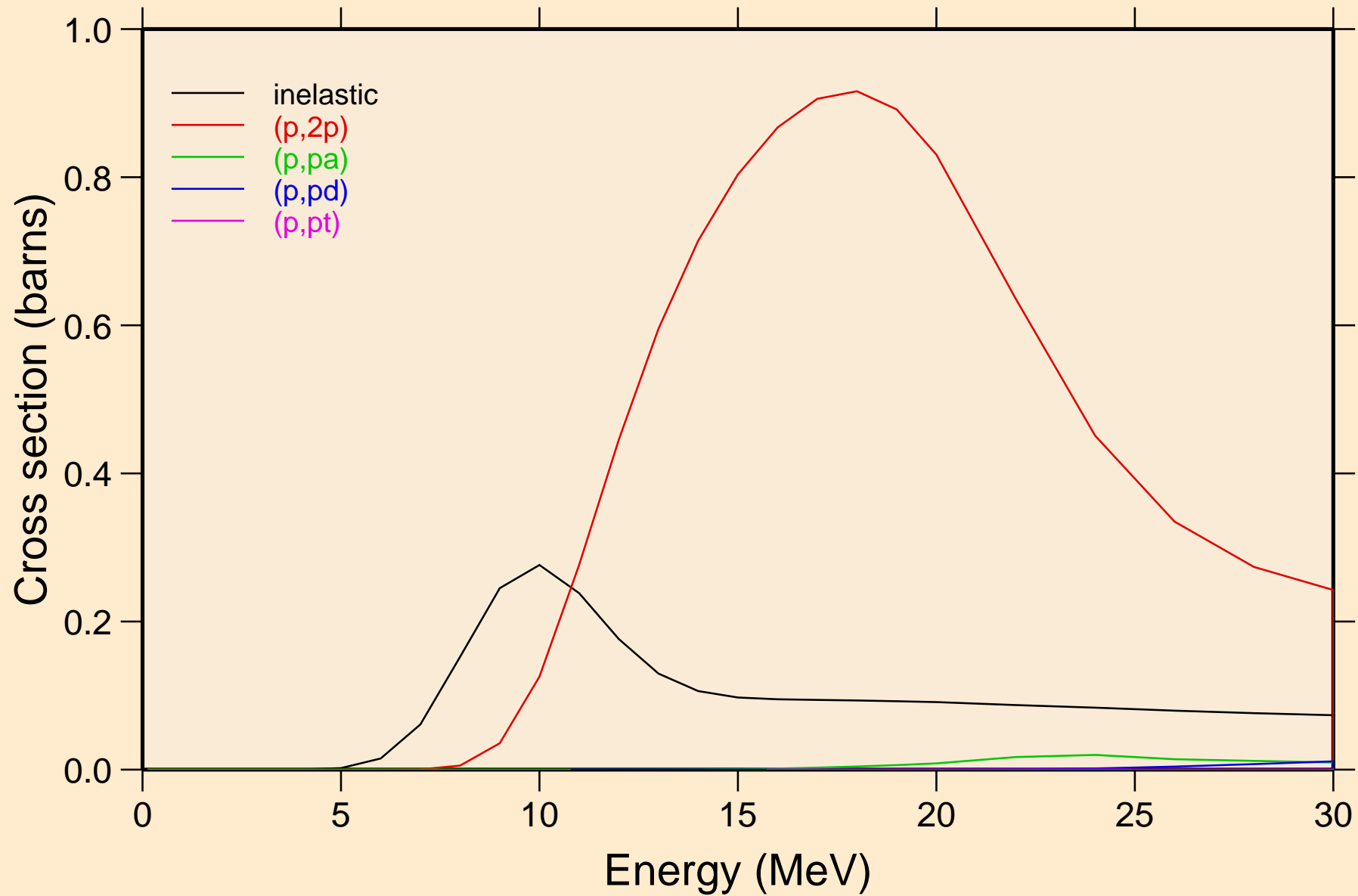
## Heating



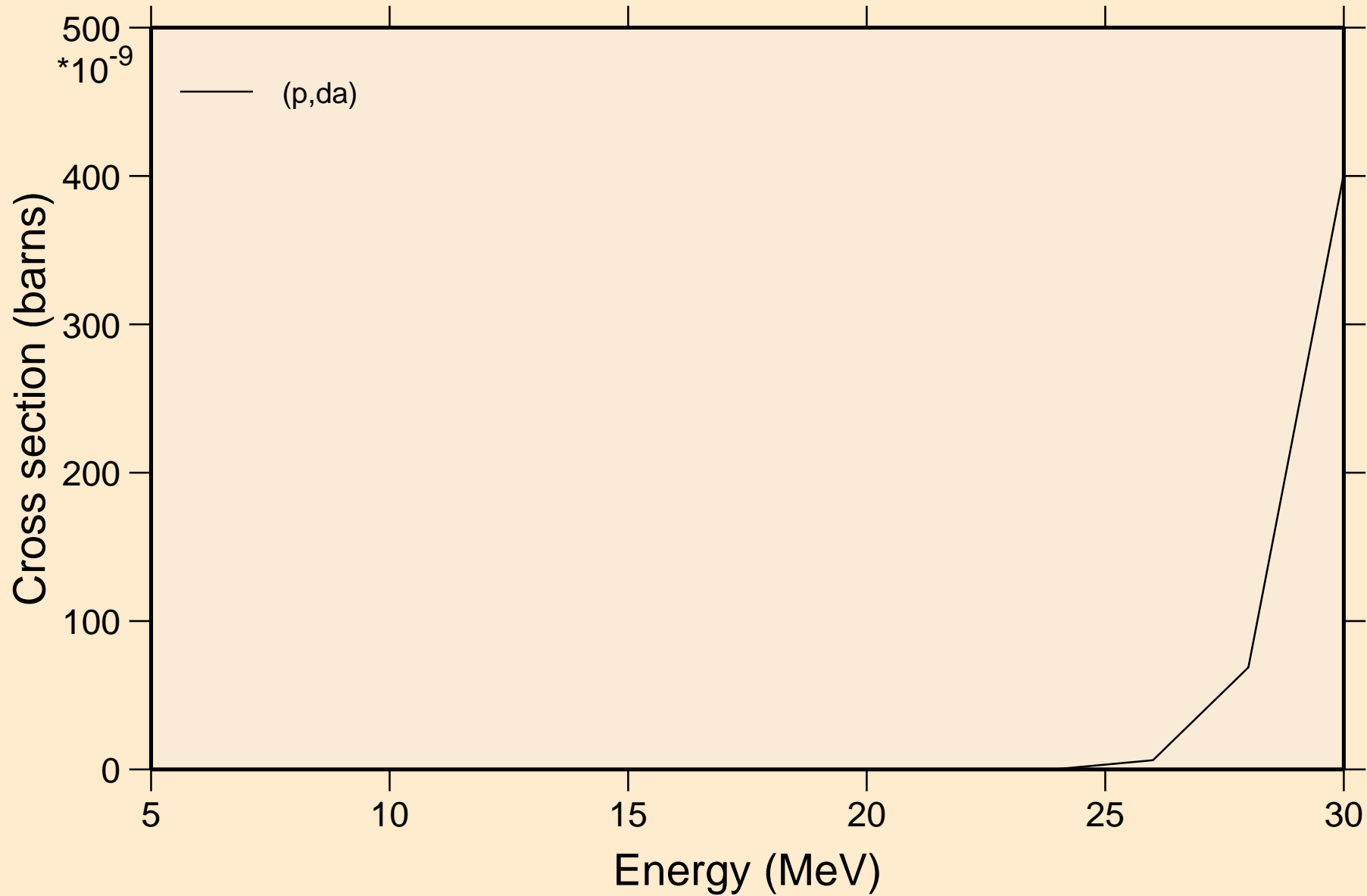
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



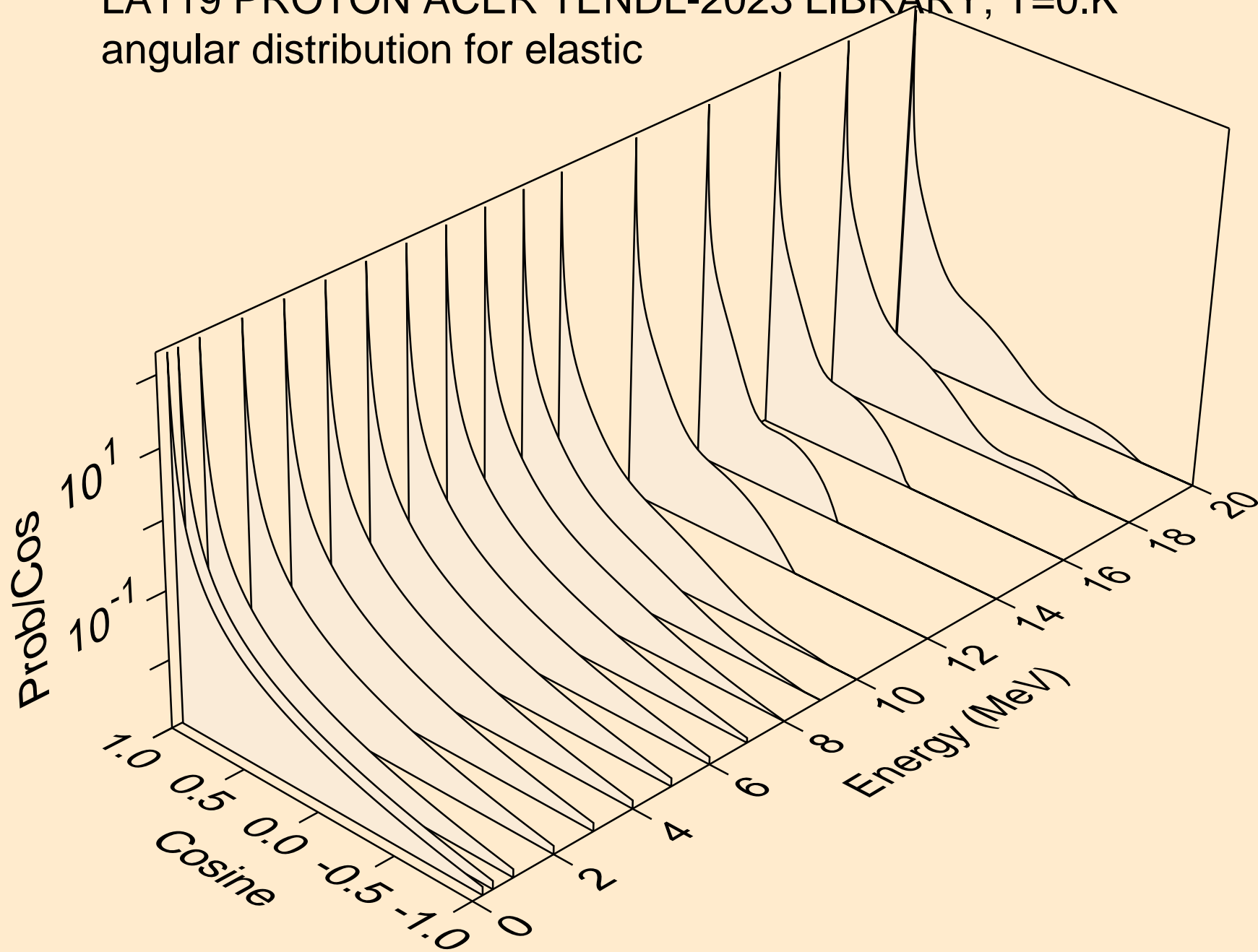
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

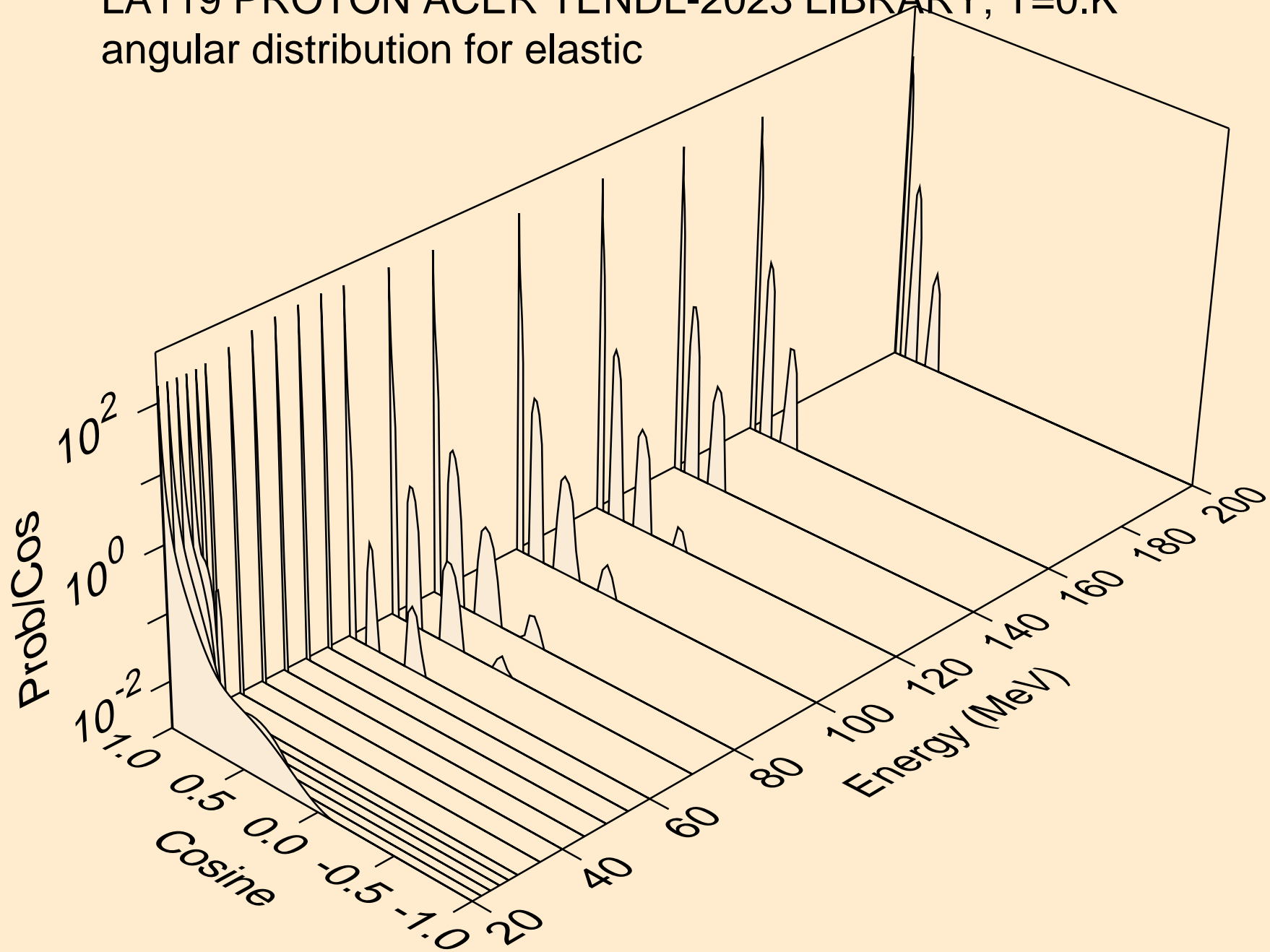


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

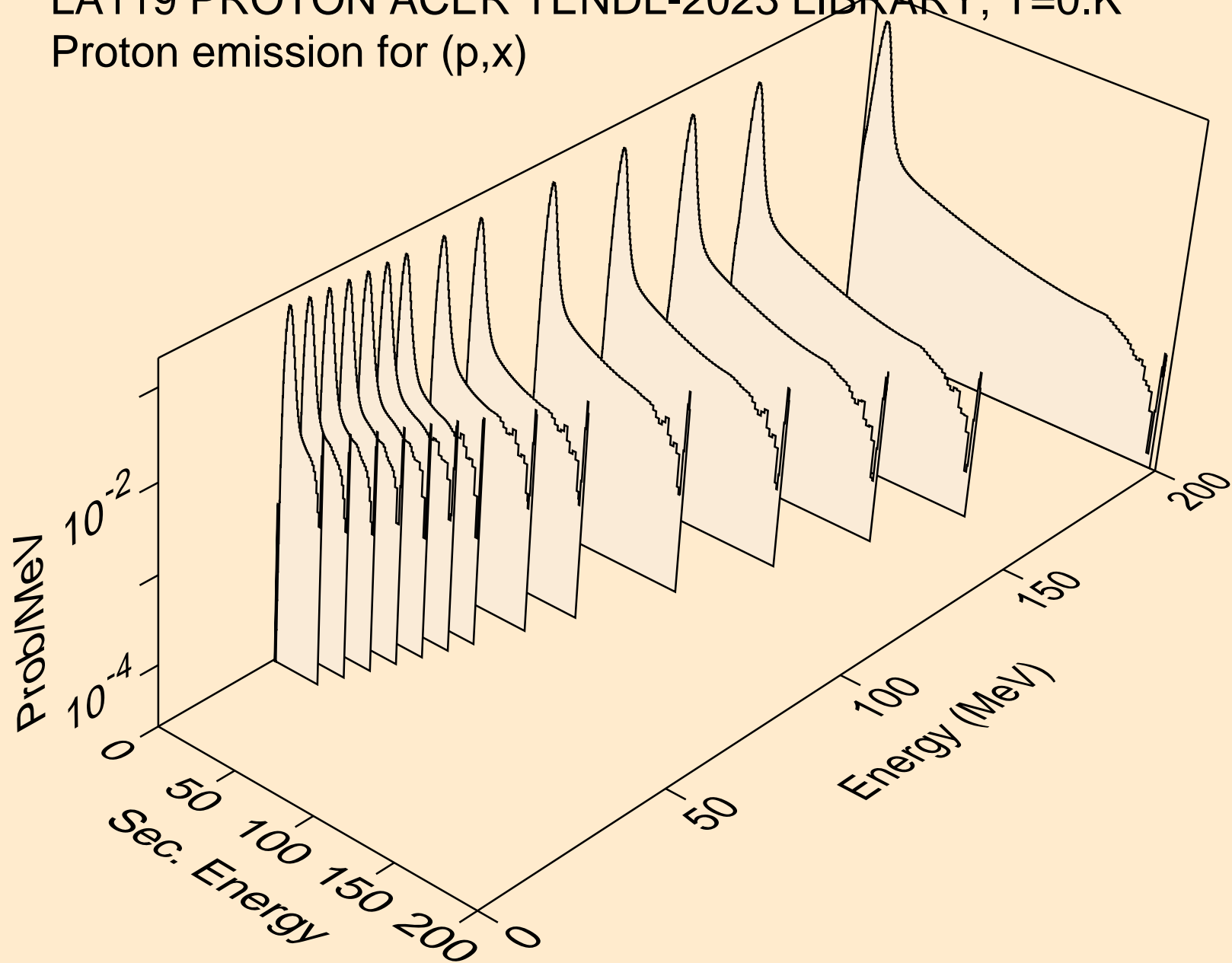




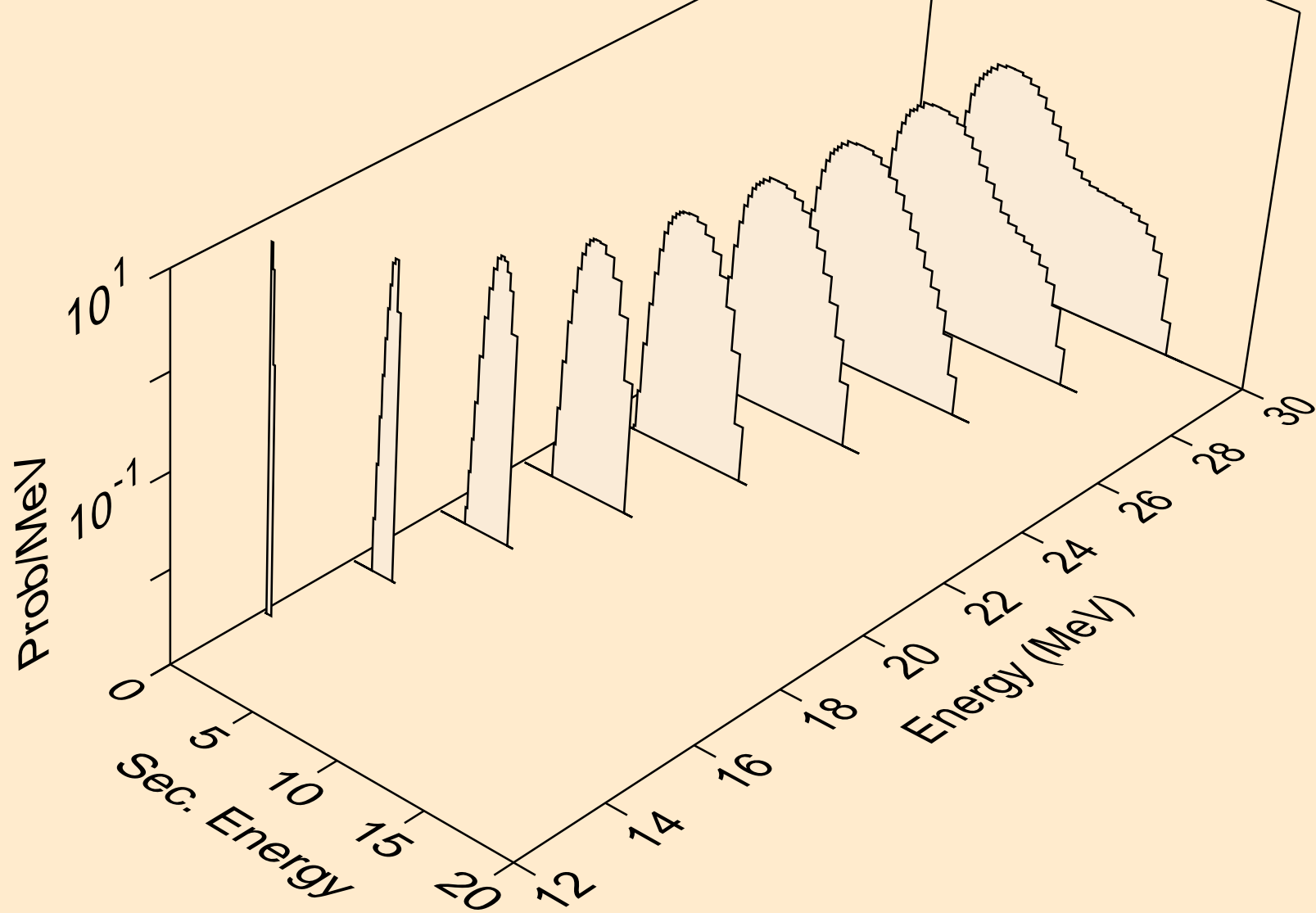
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



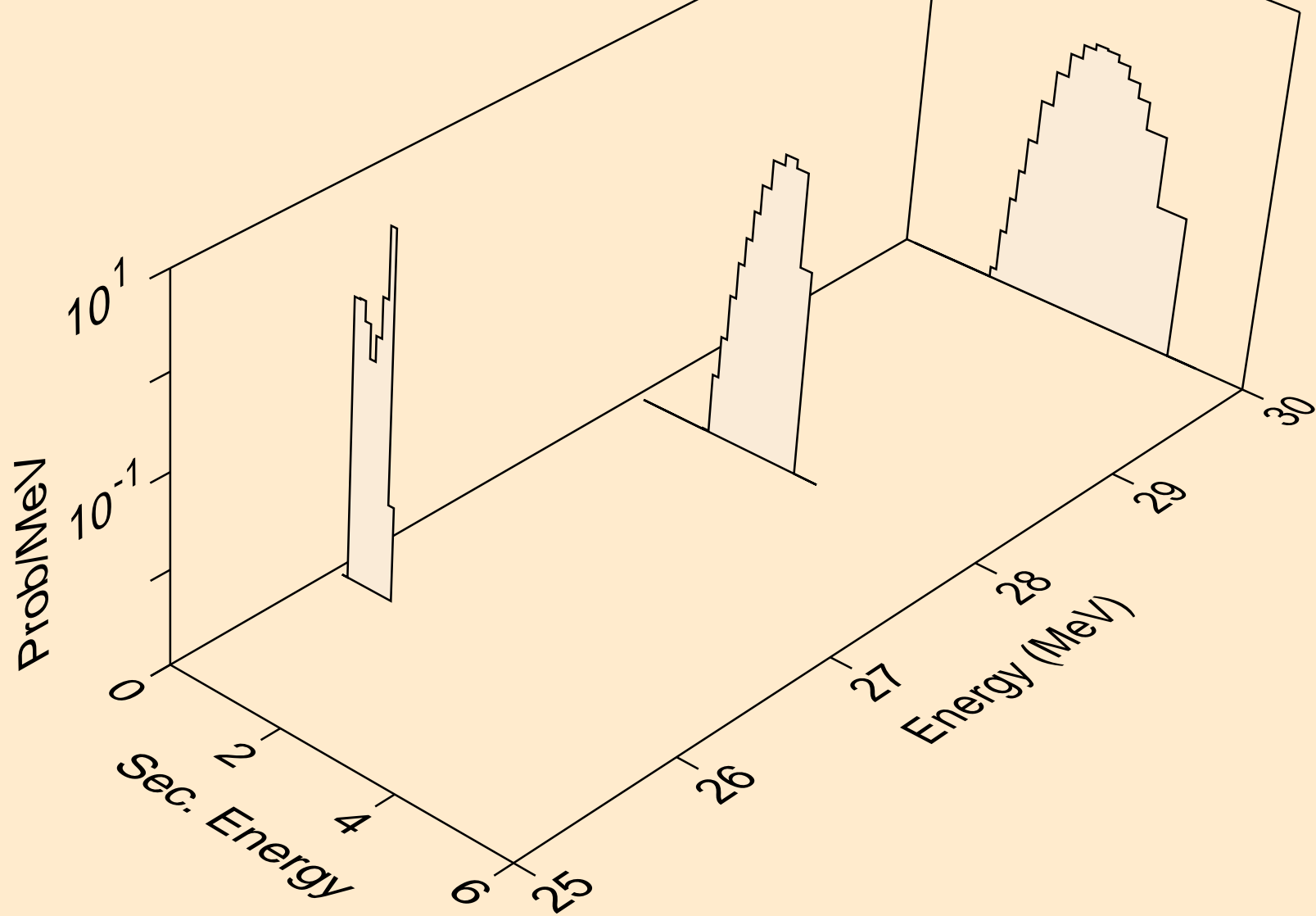
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



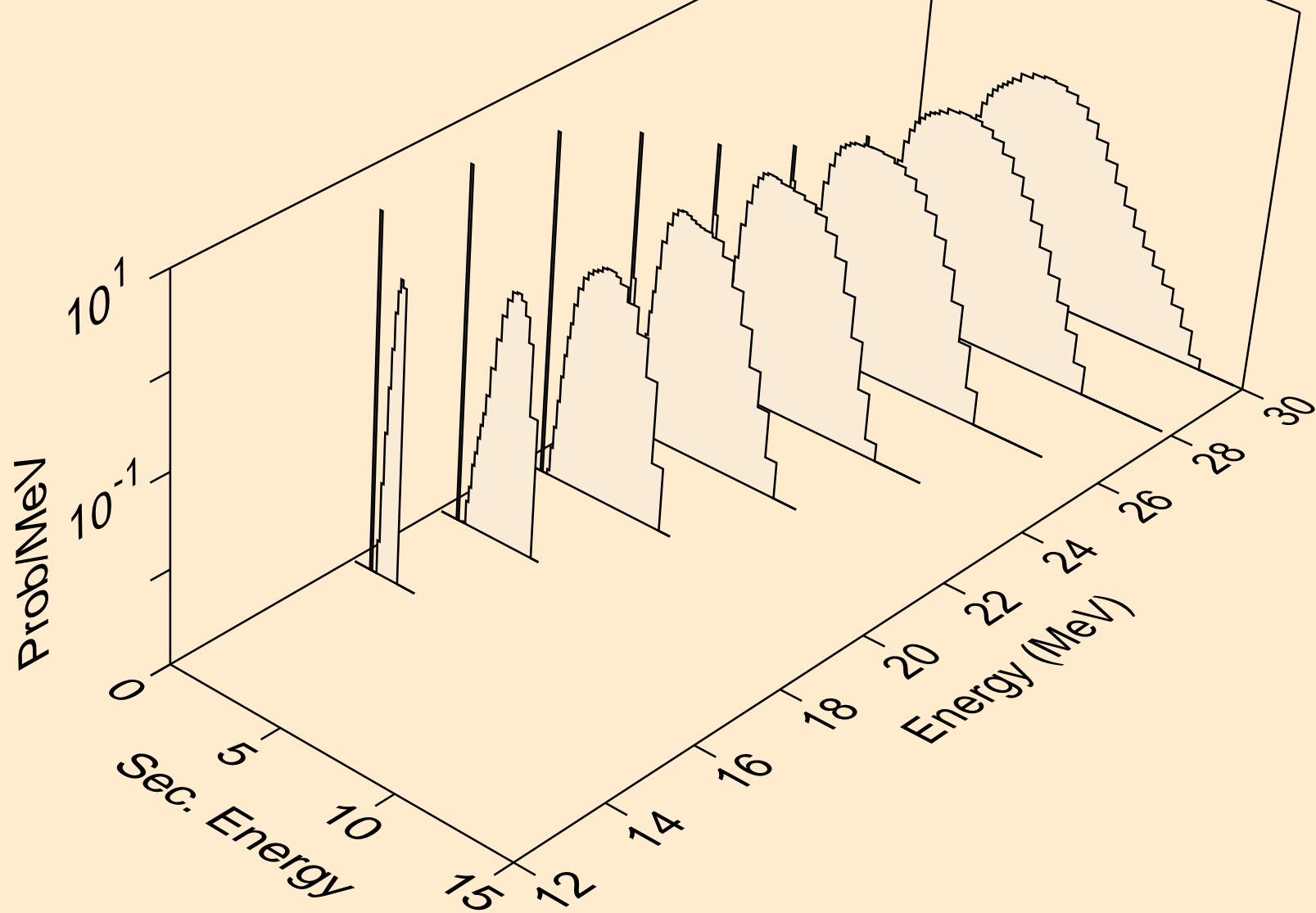
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



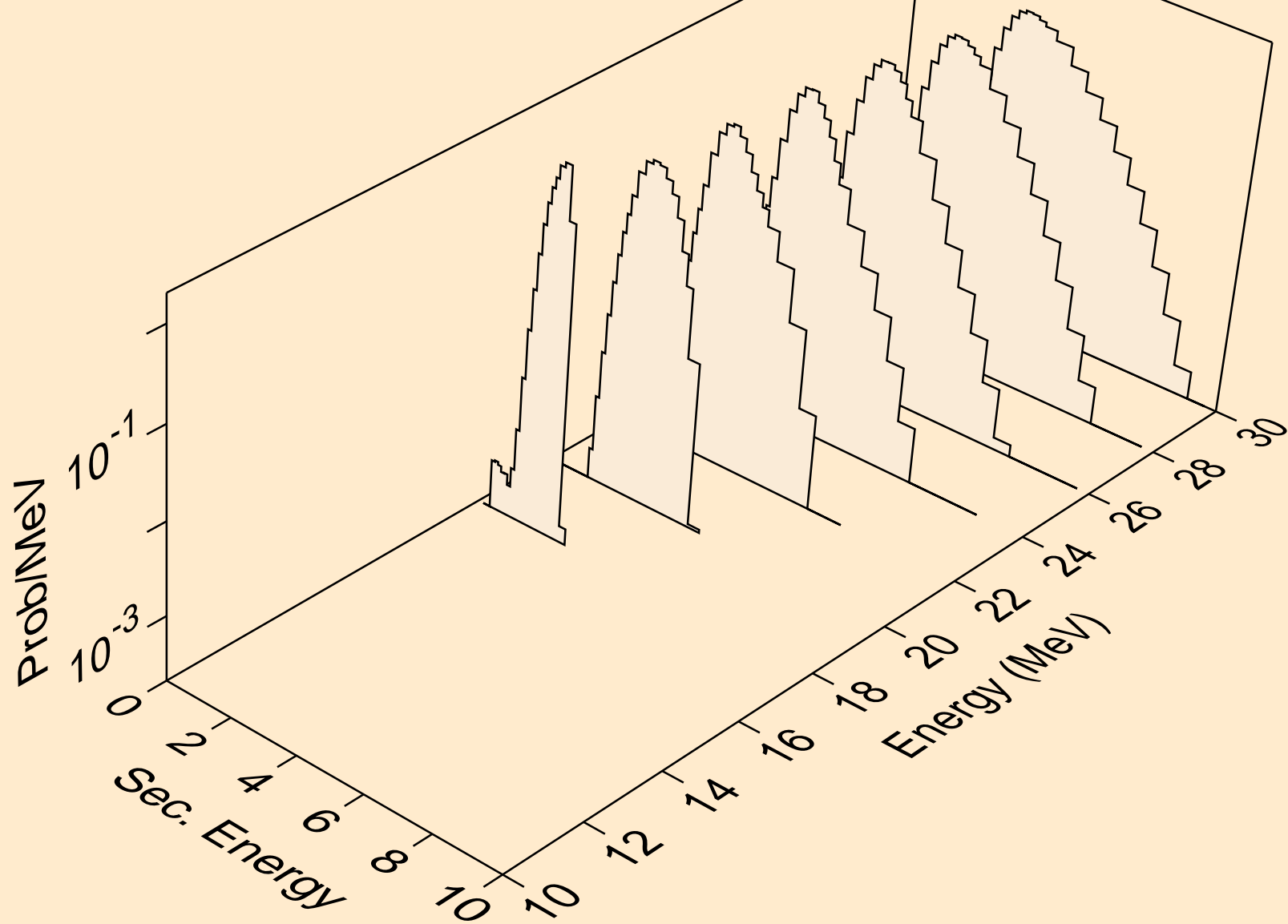
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



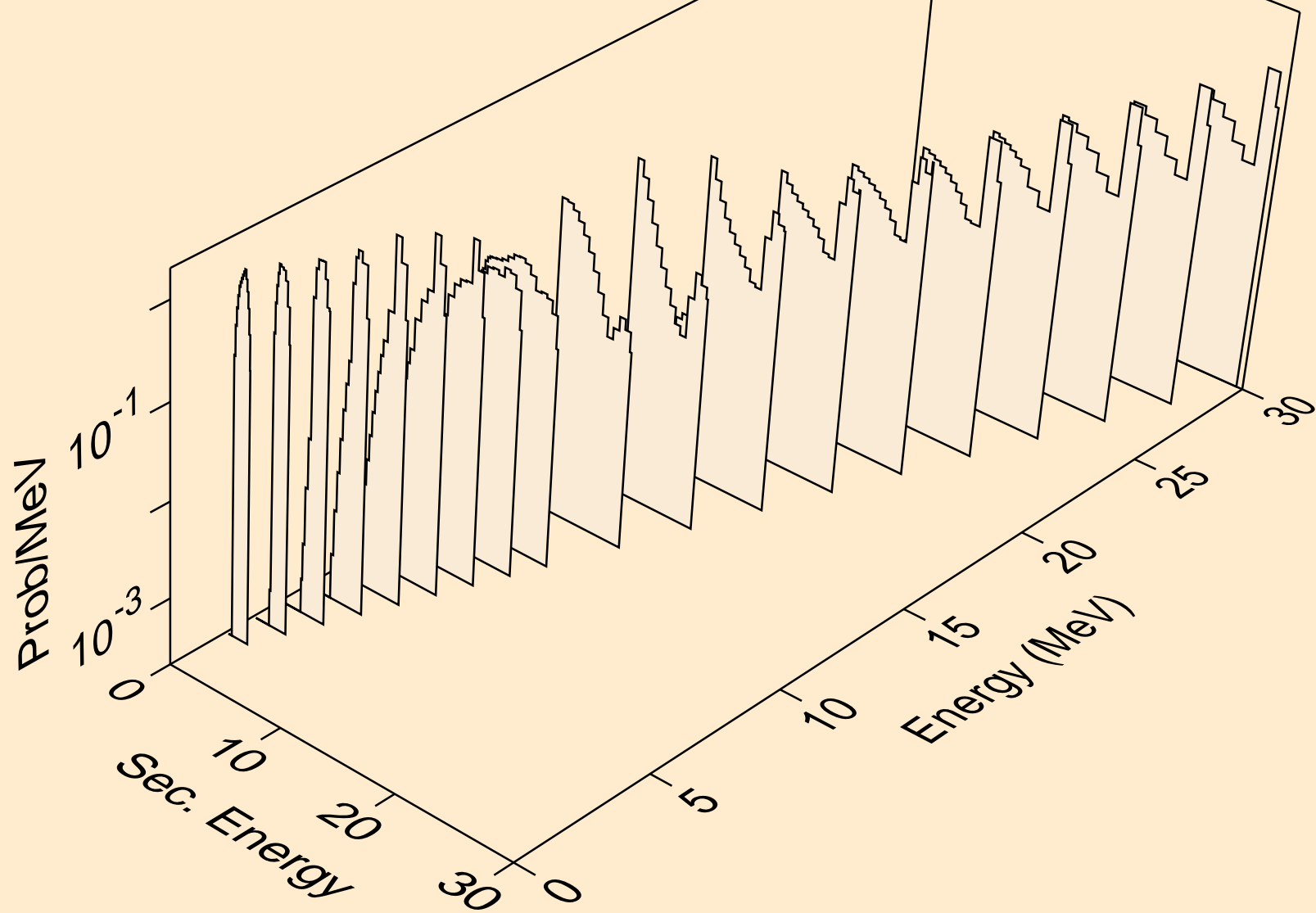
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



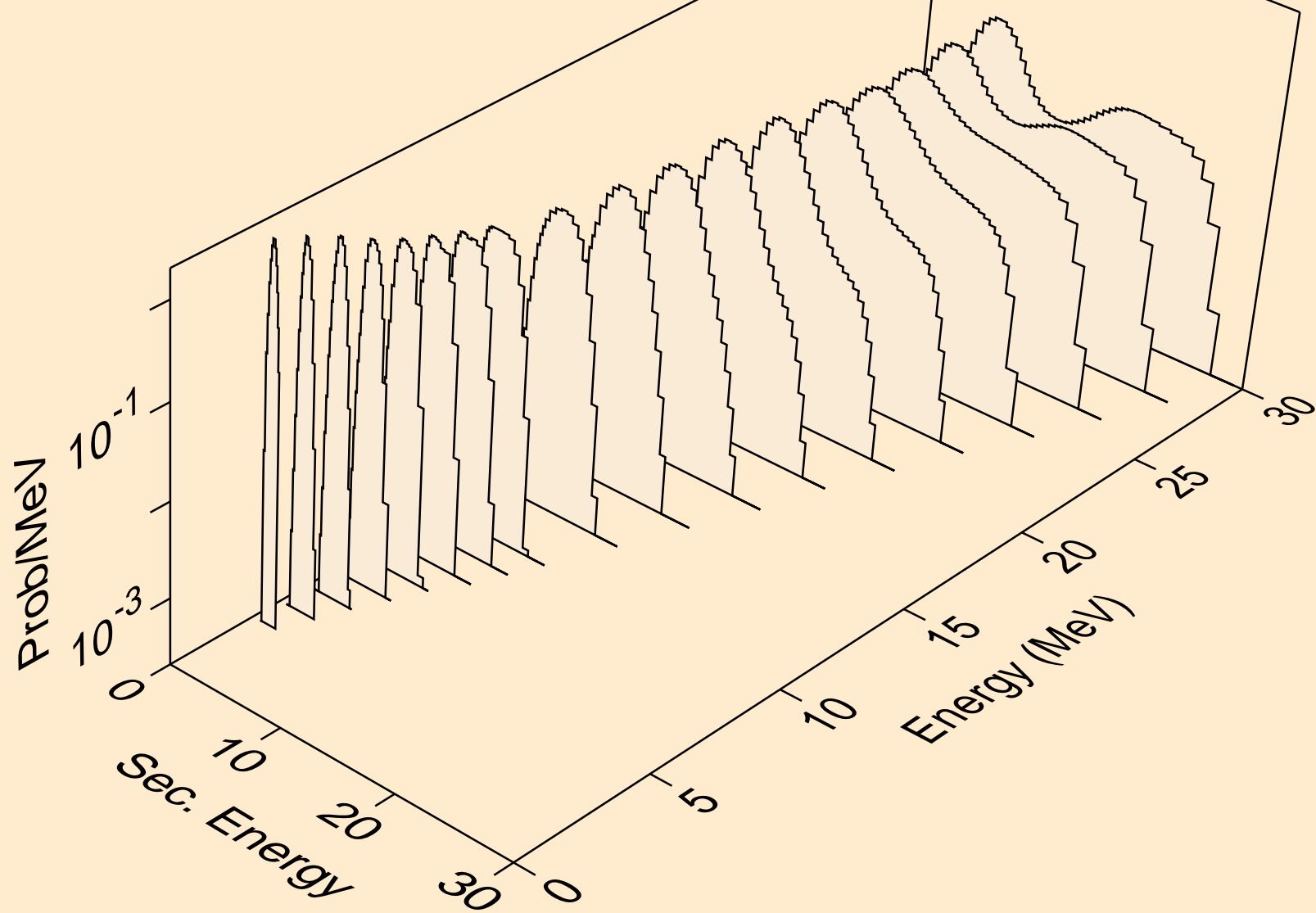
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

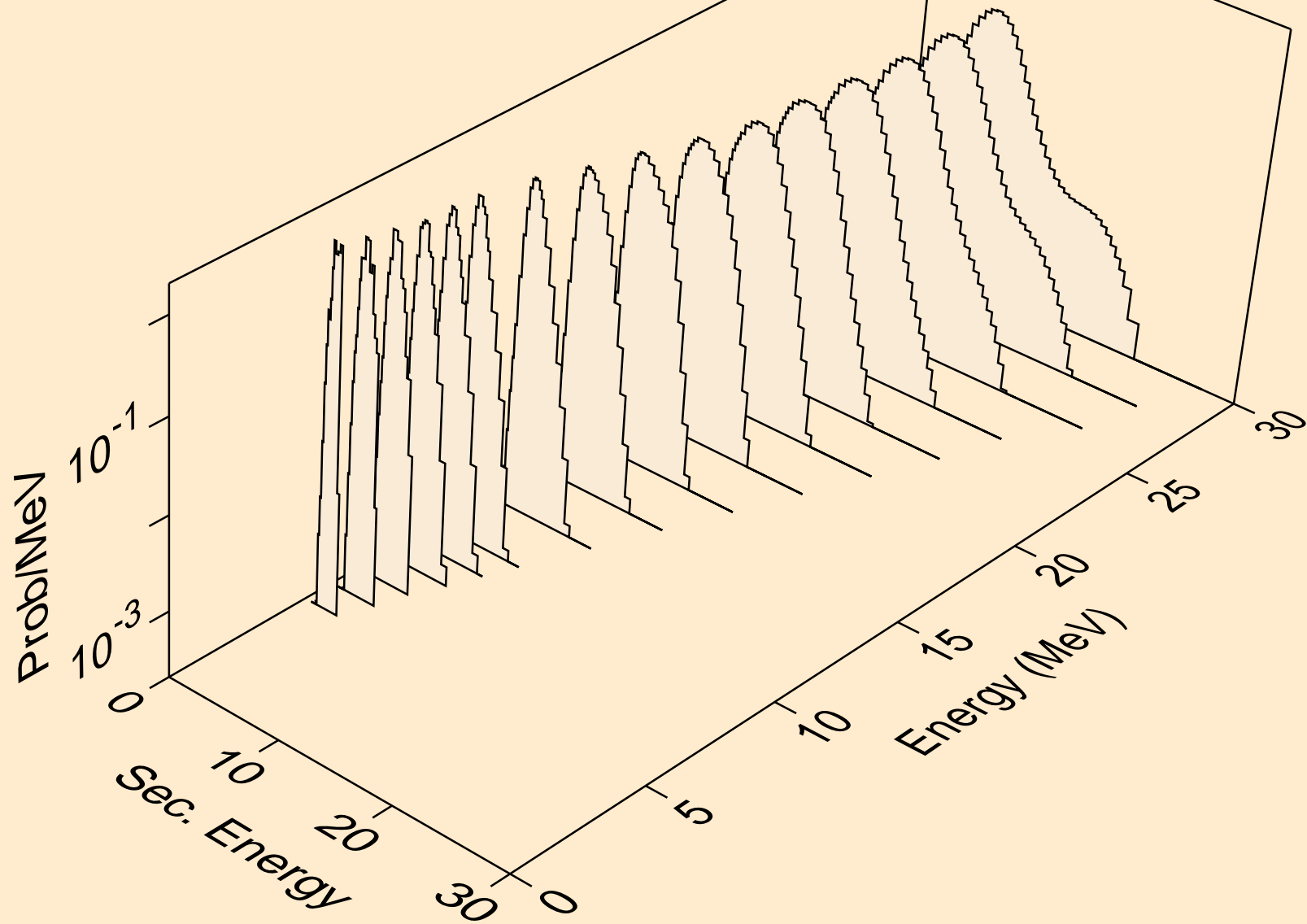


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

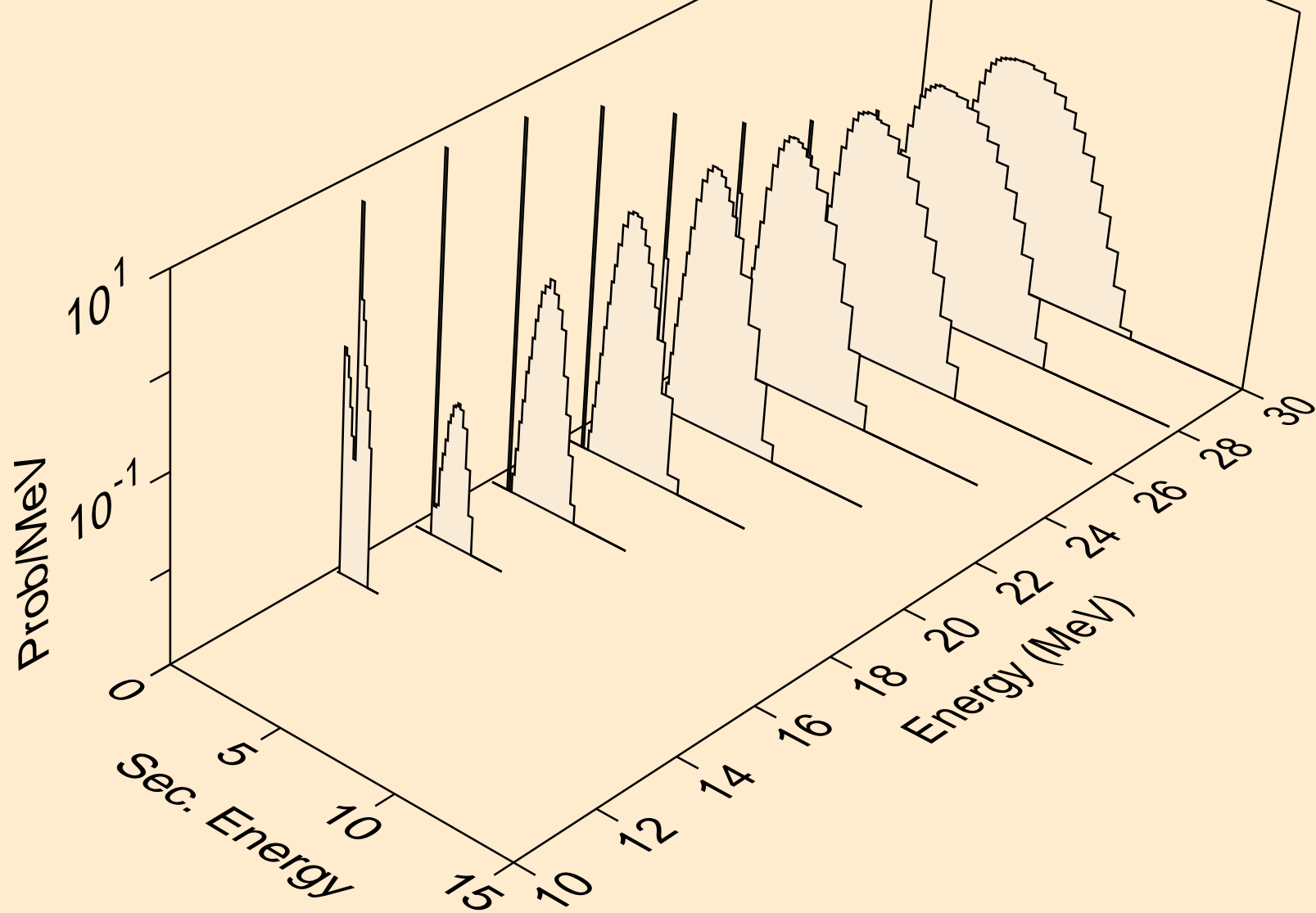




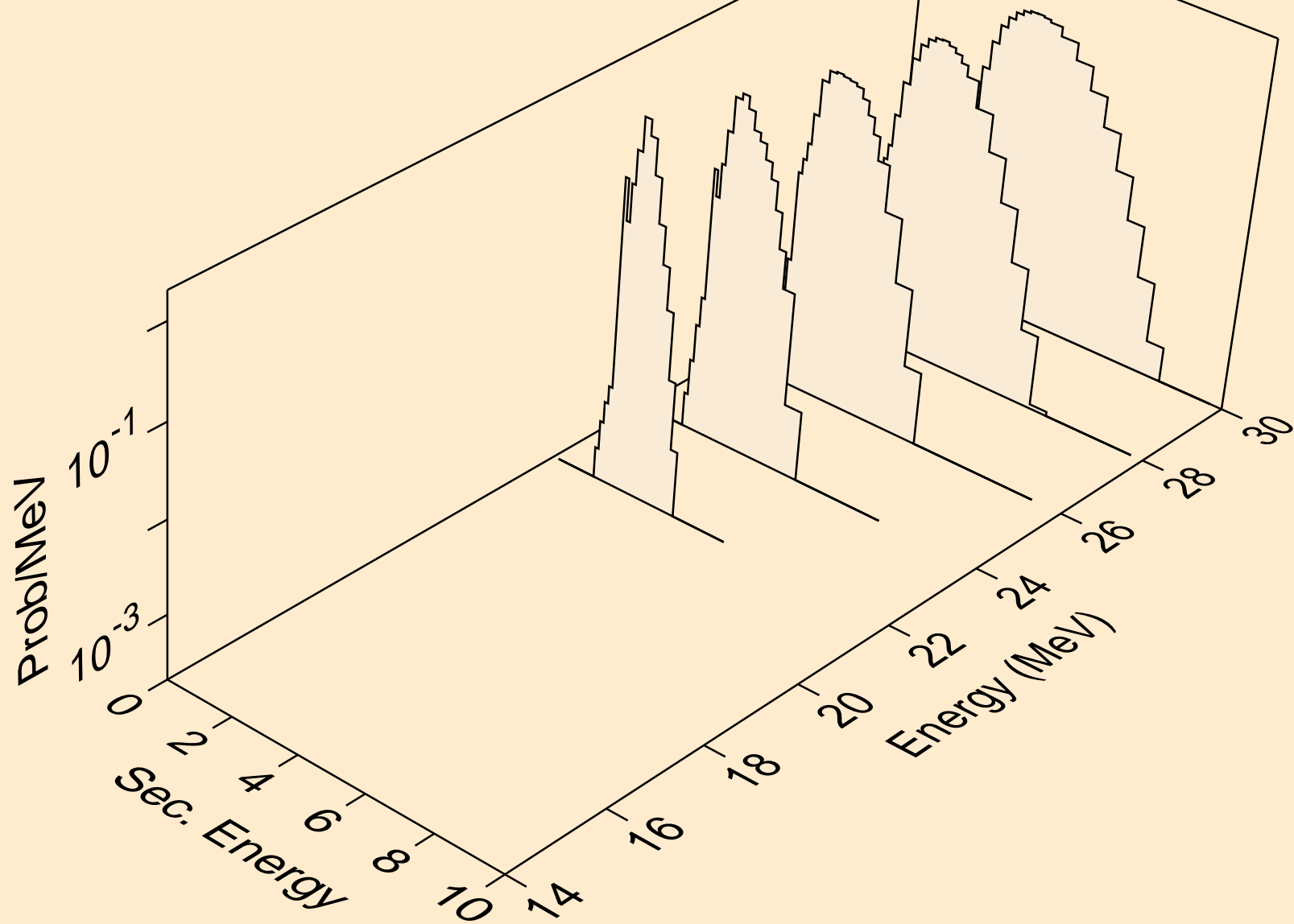
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Proton emission for (p,pa)



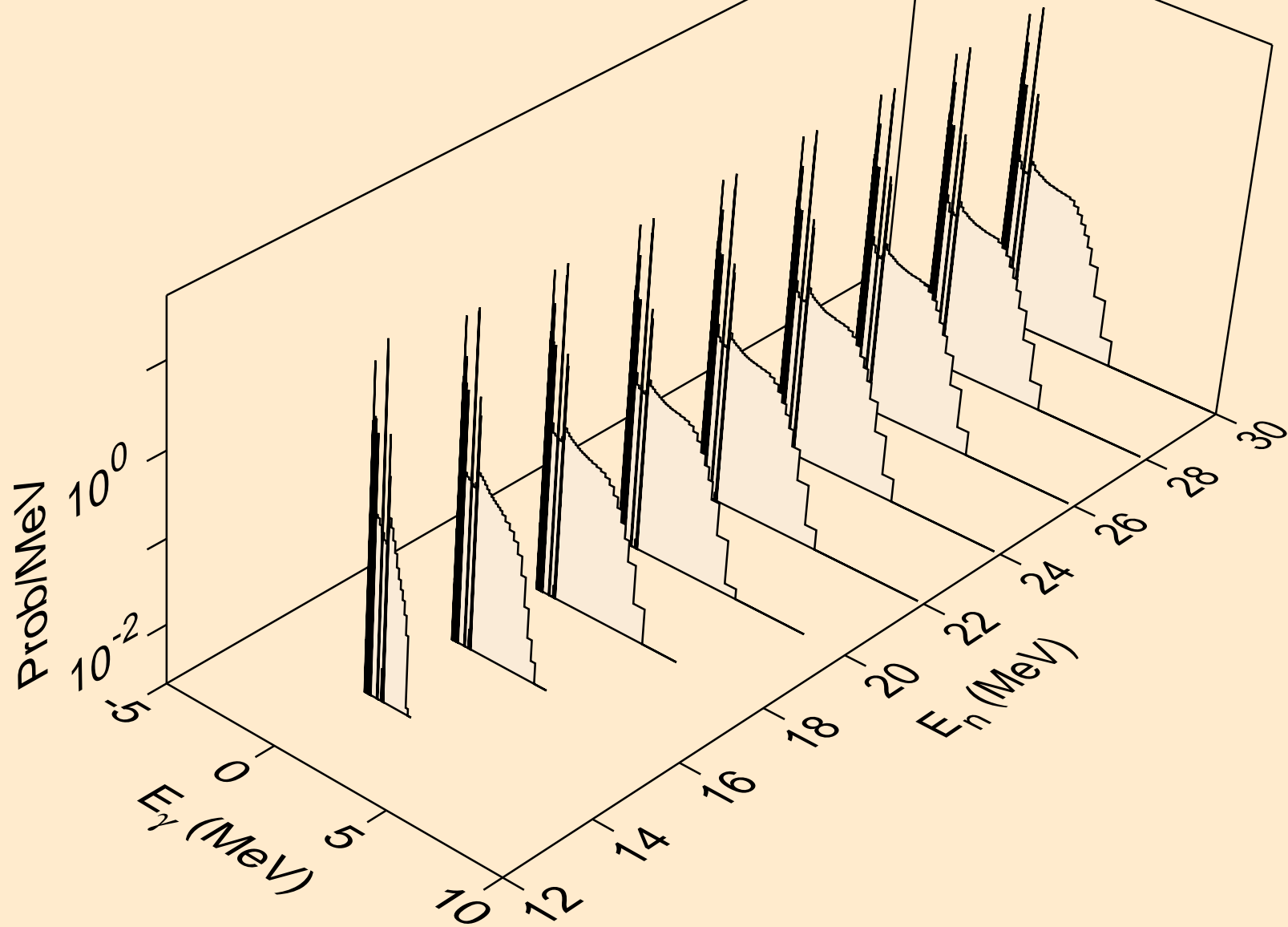
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Proton emission for (p,pd)



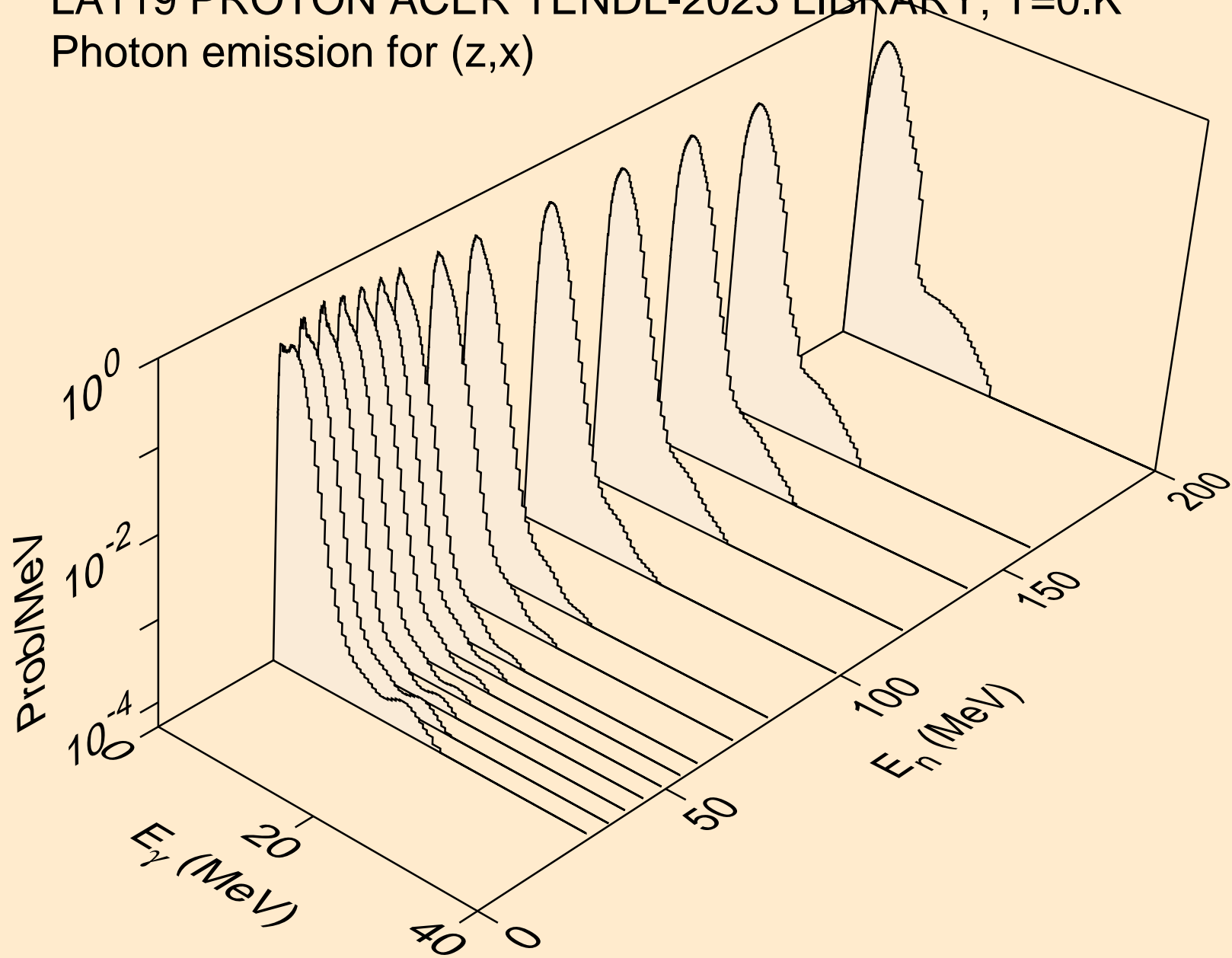
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



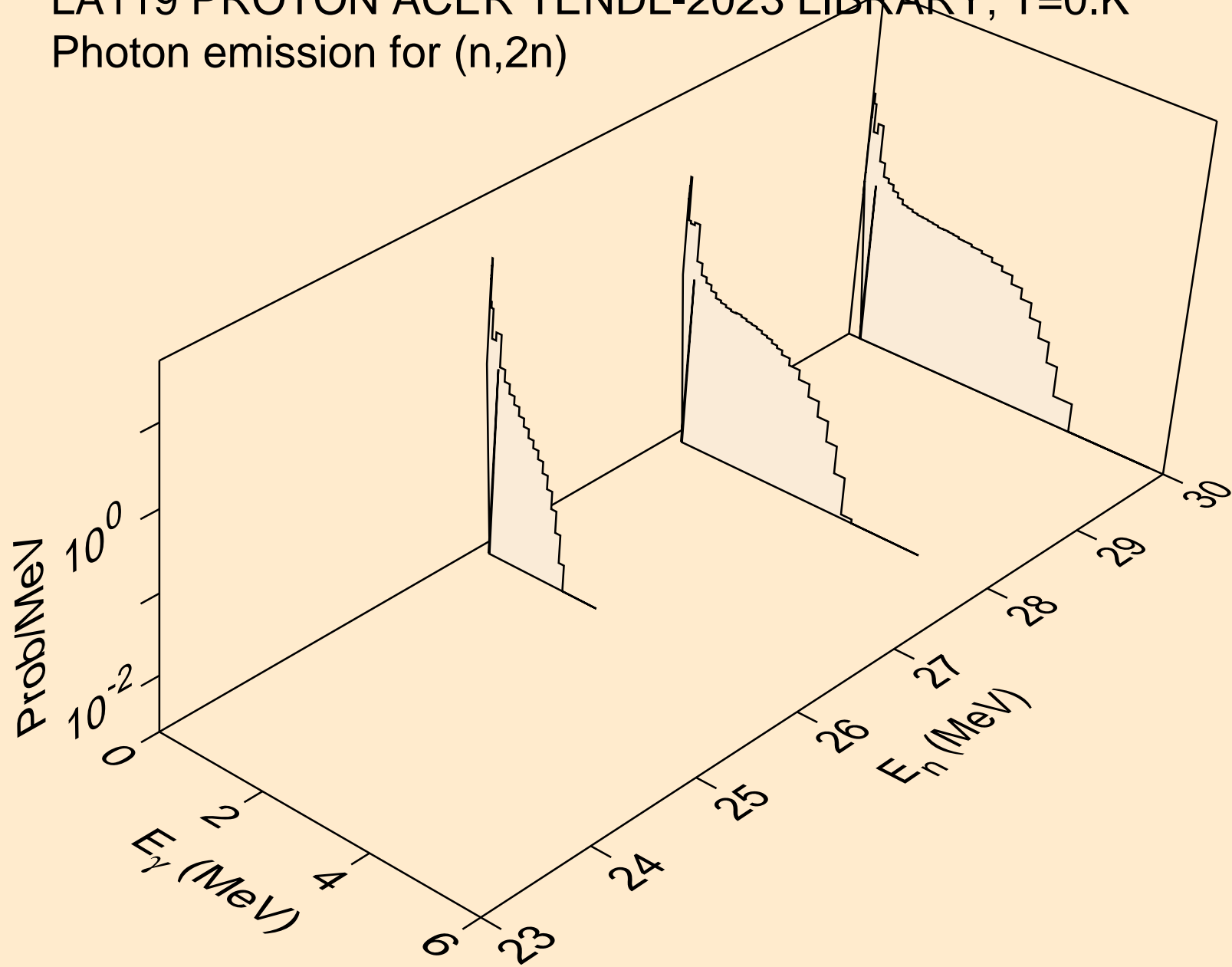
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



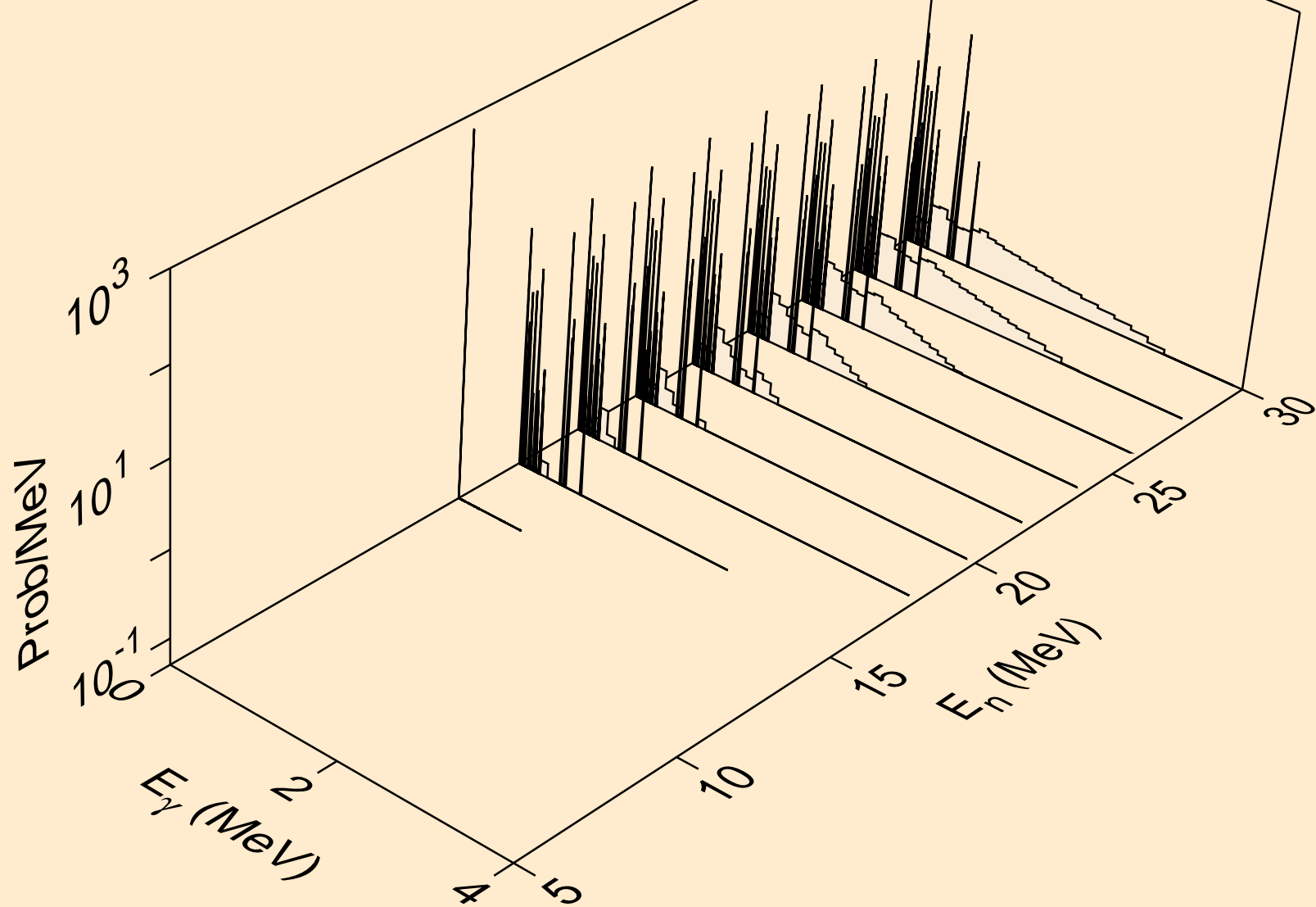
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



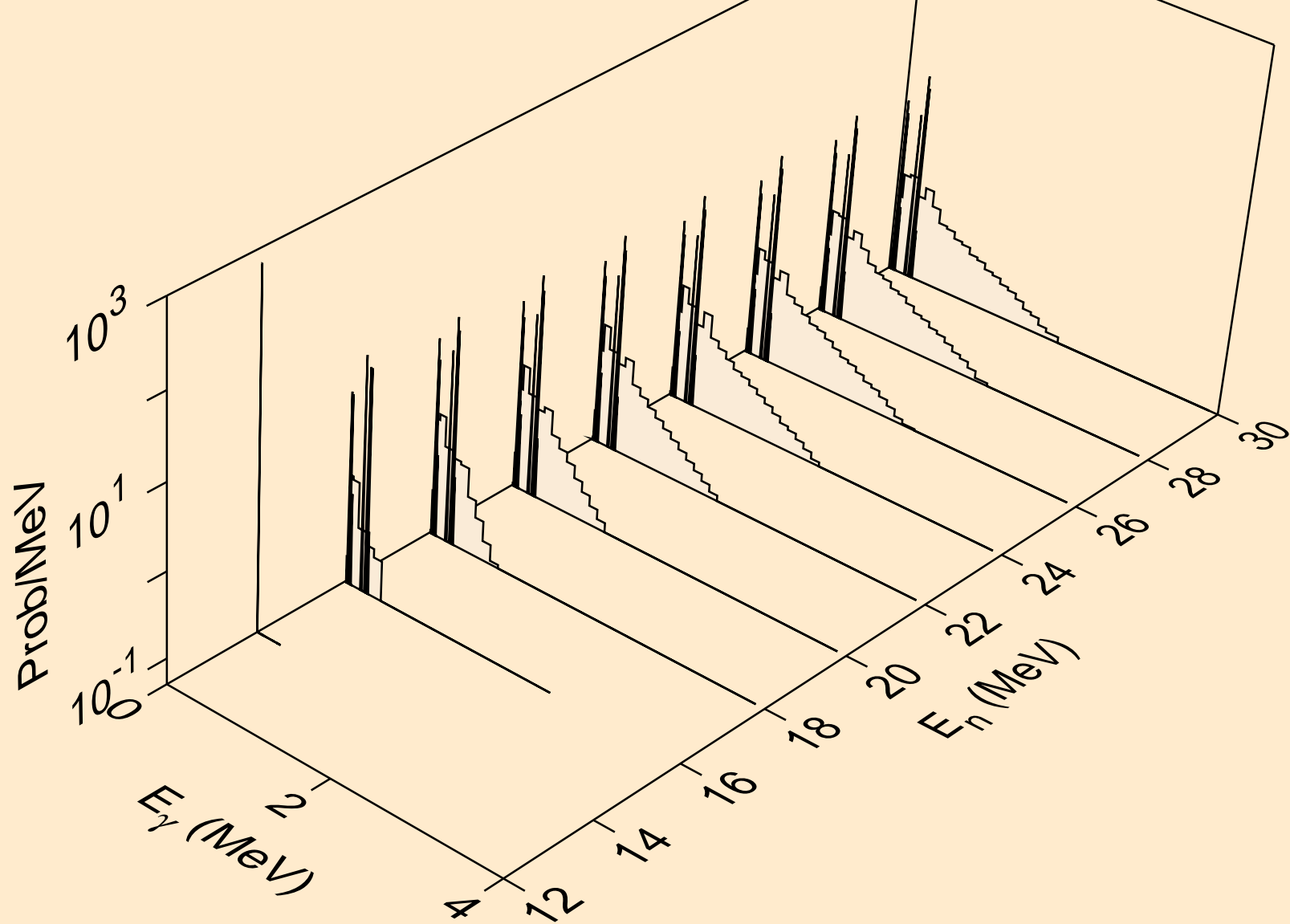
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

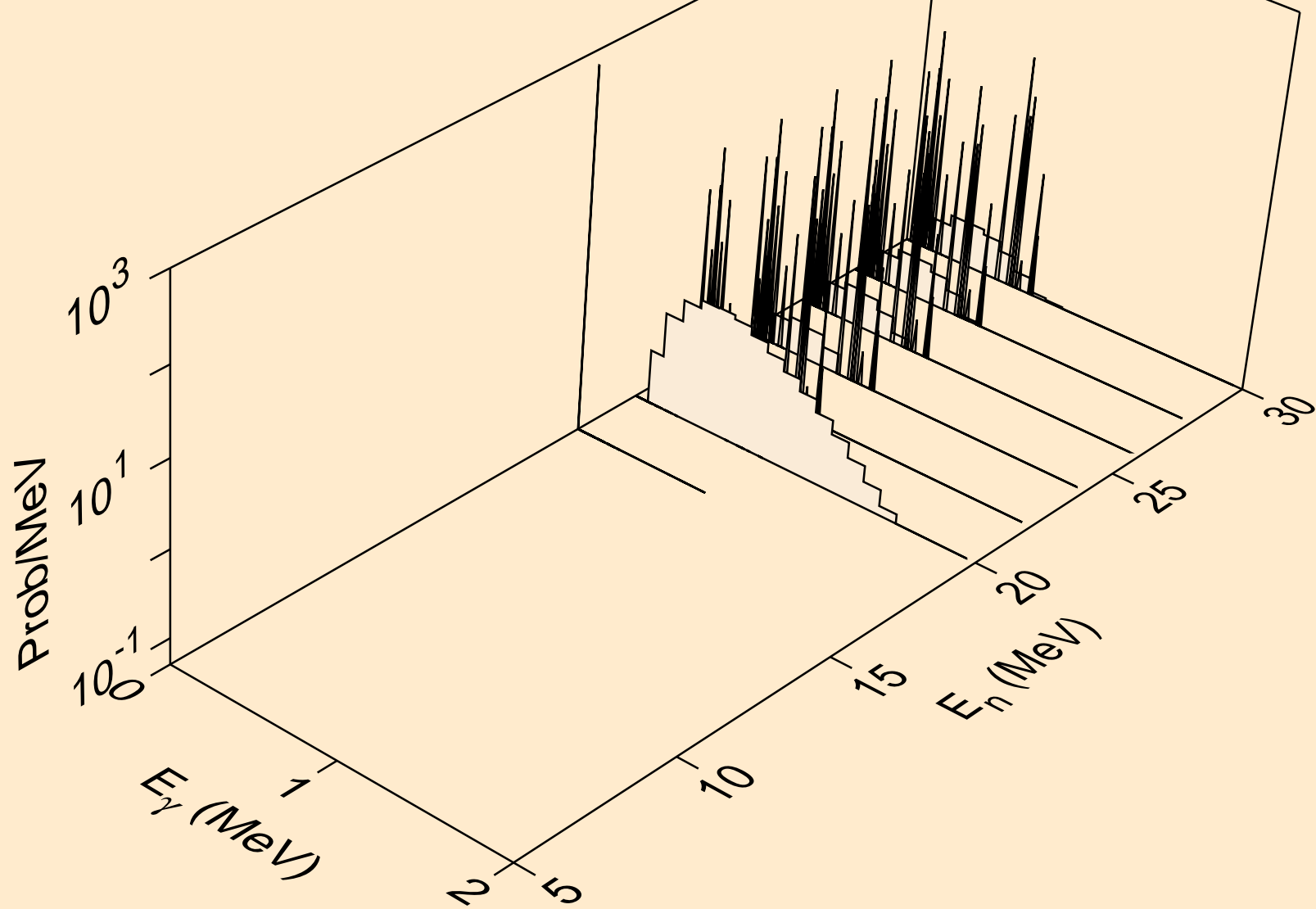


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

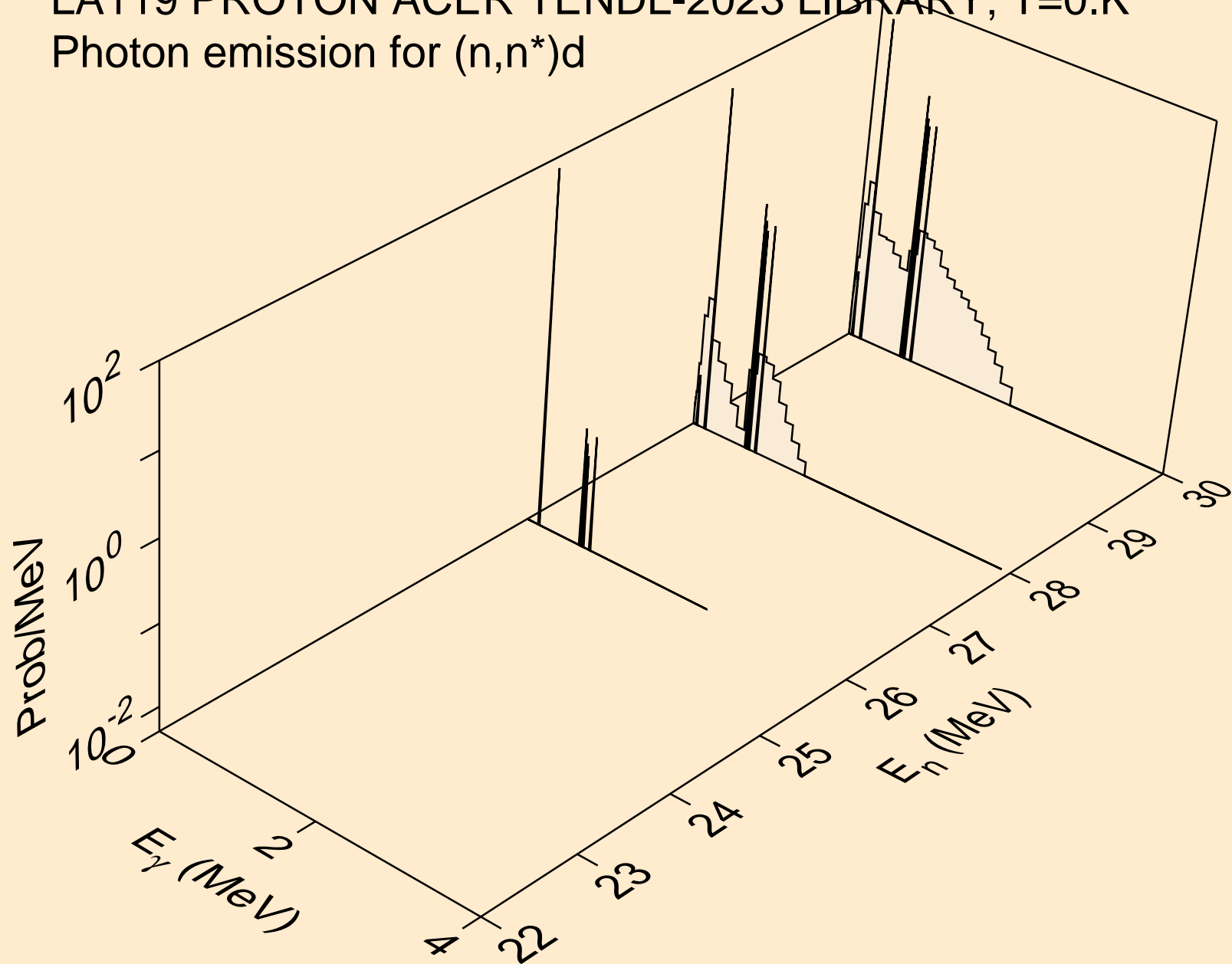




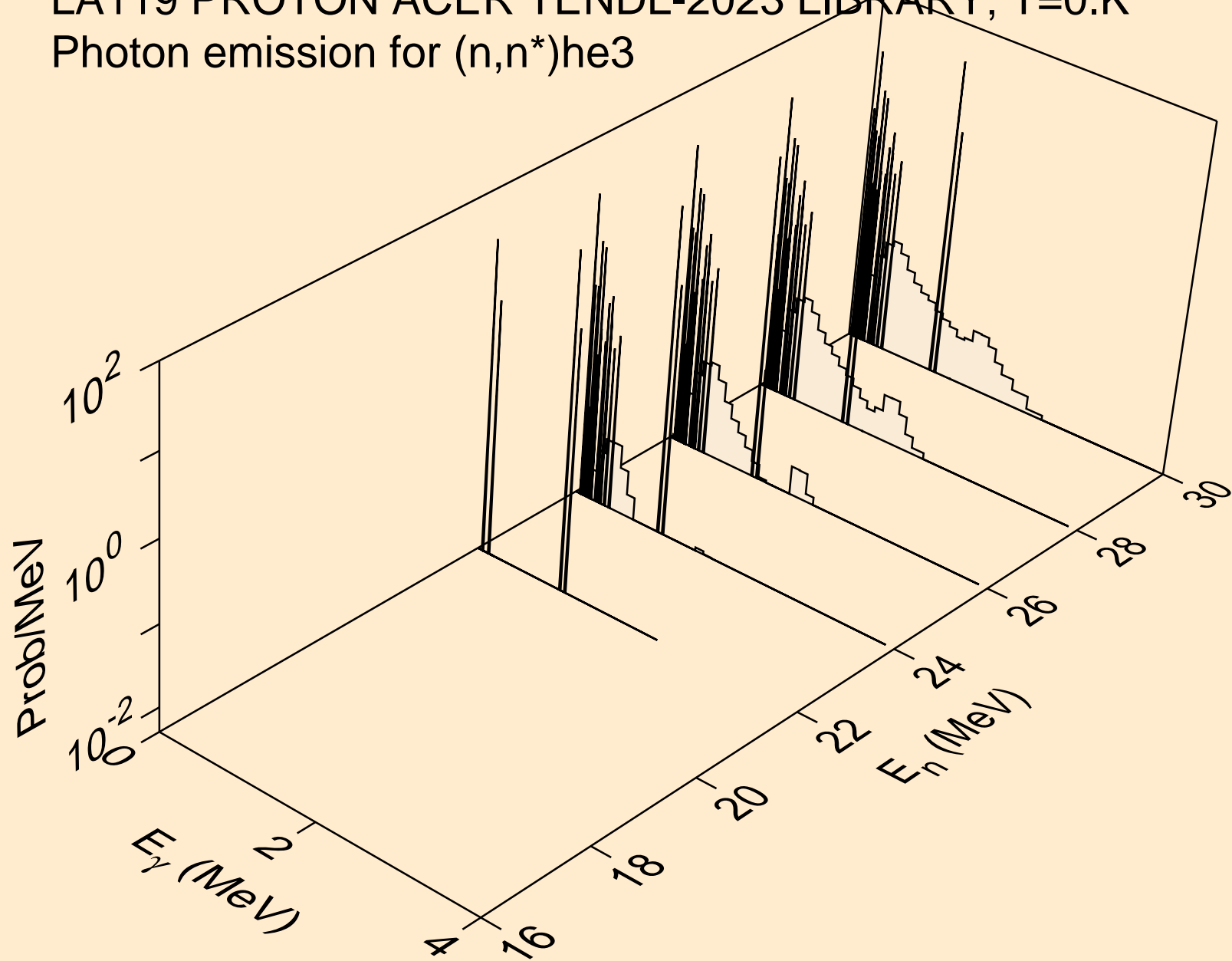
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Photon emission for (n,n\*)2a



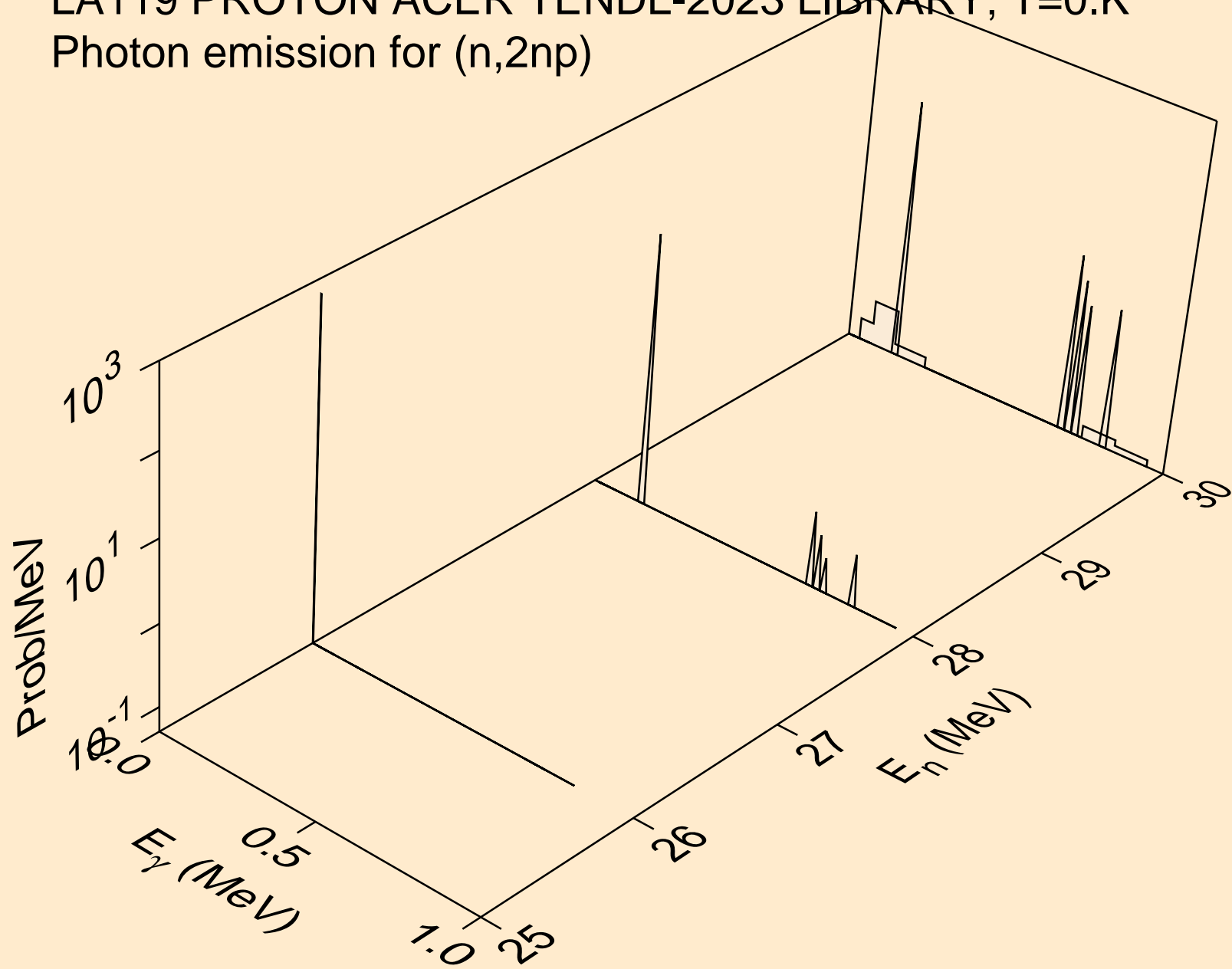
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



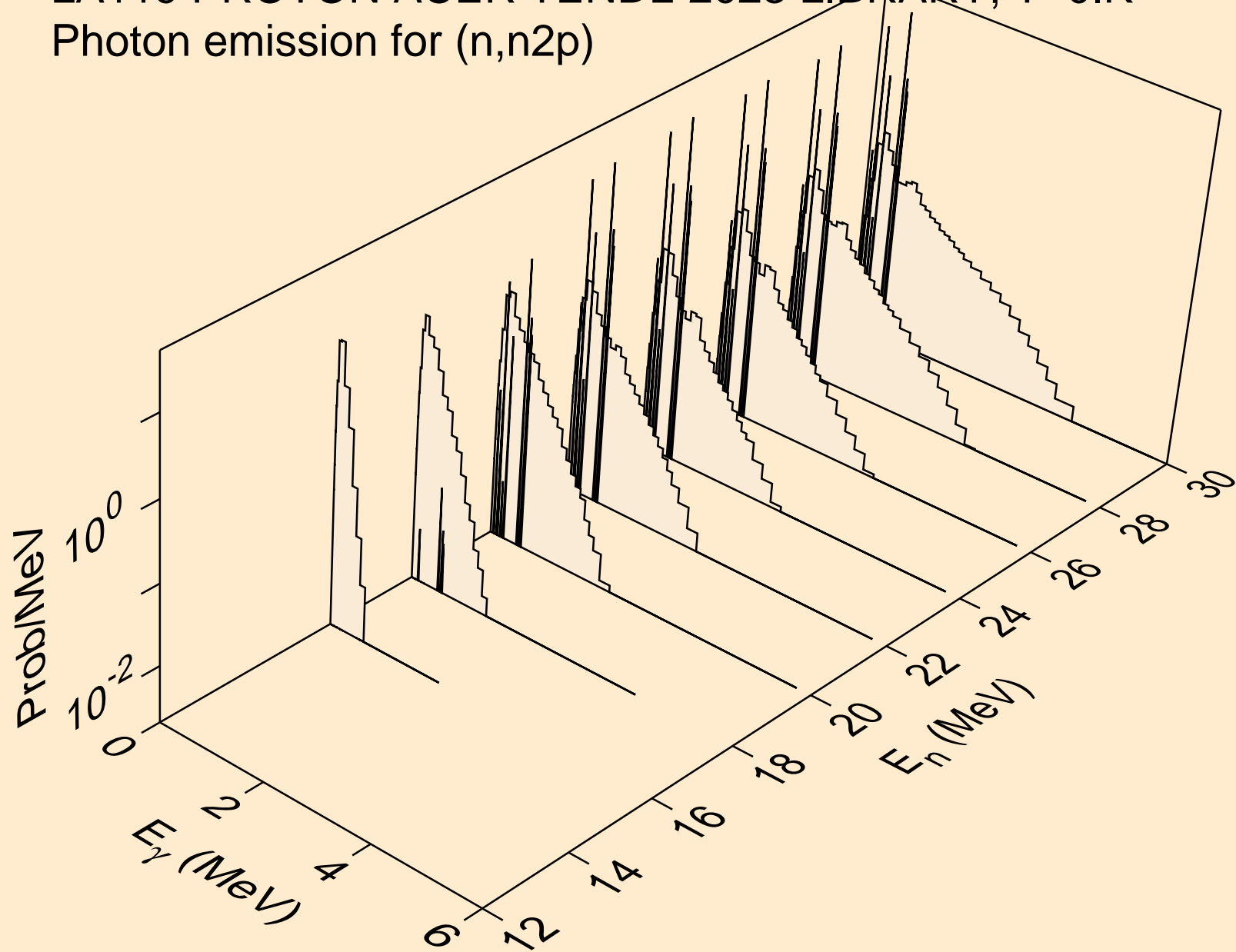
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



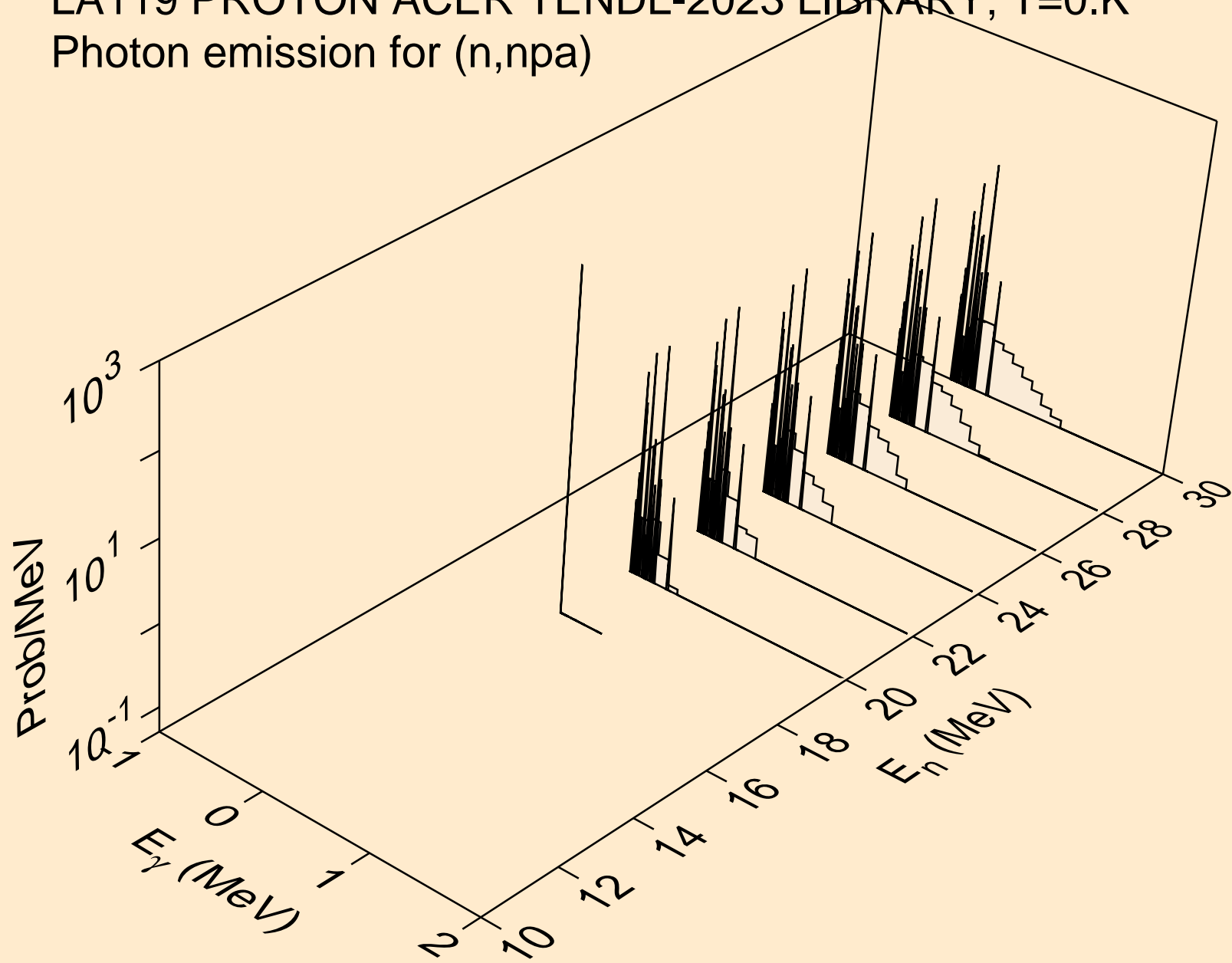
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Photon emission for (n,2np)



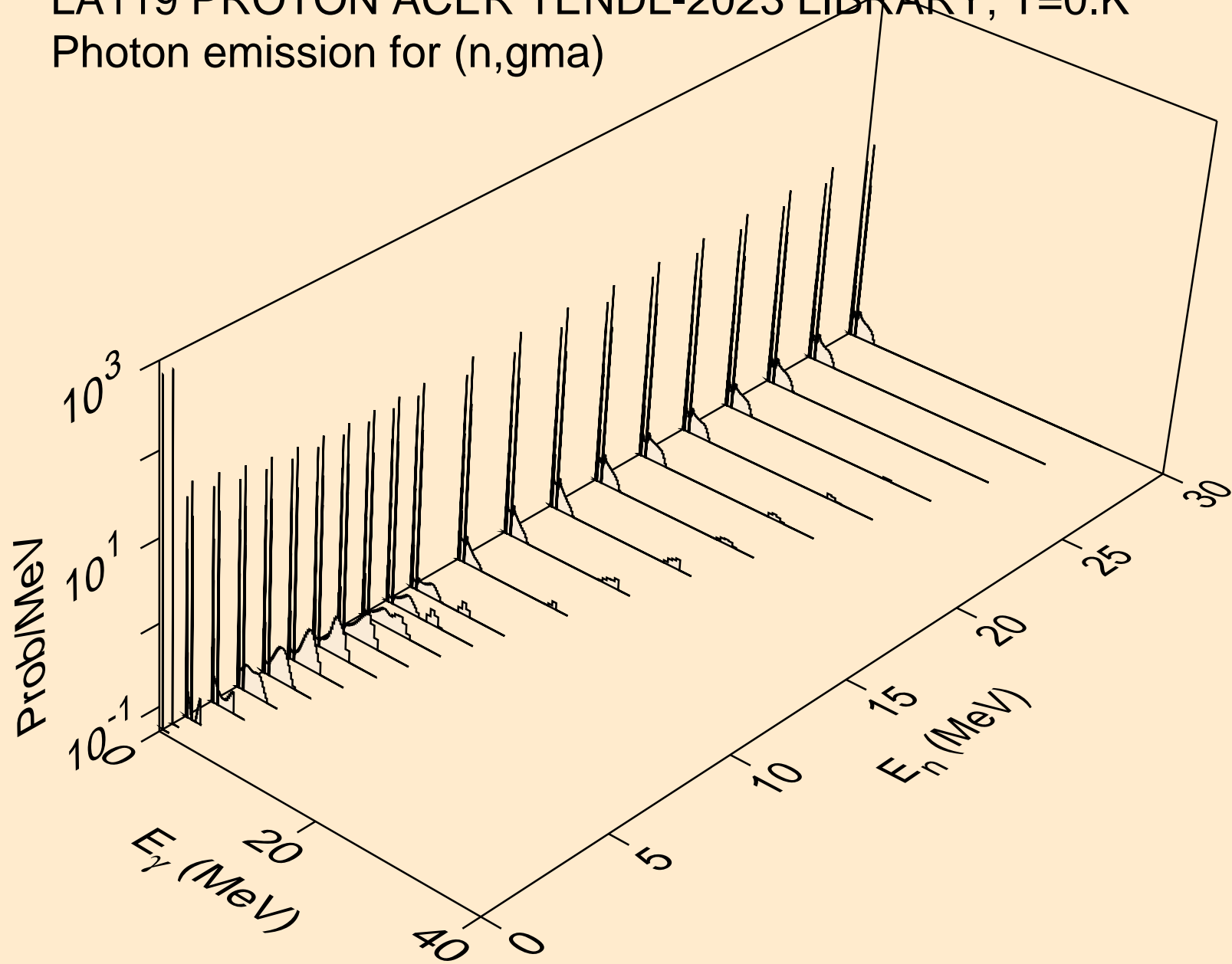
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Photon emission for (n,n2p)



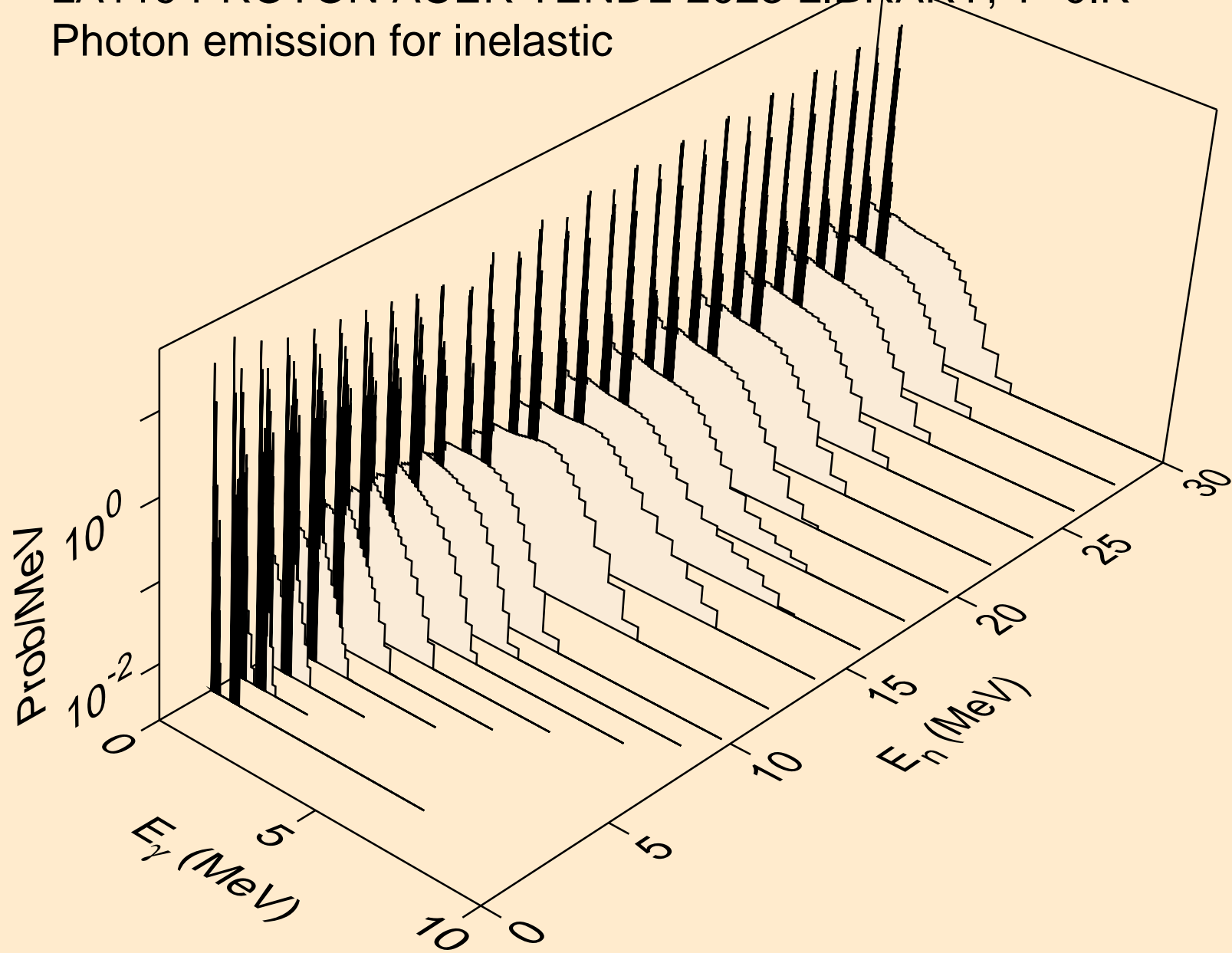
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

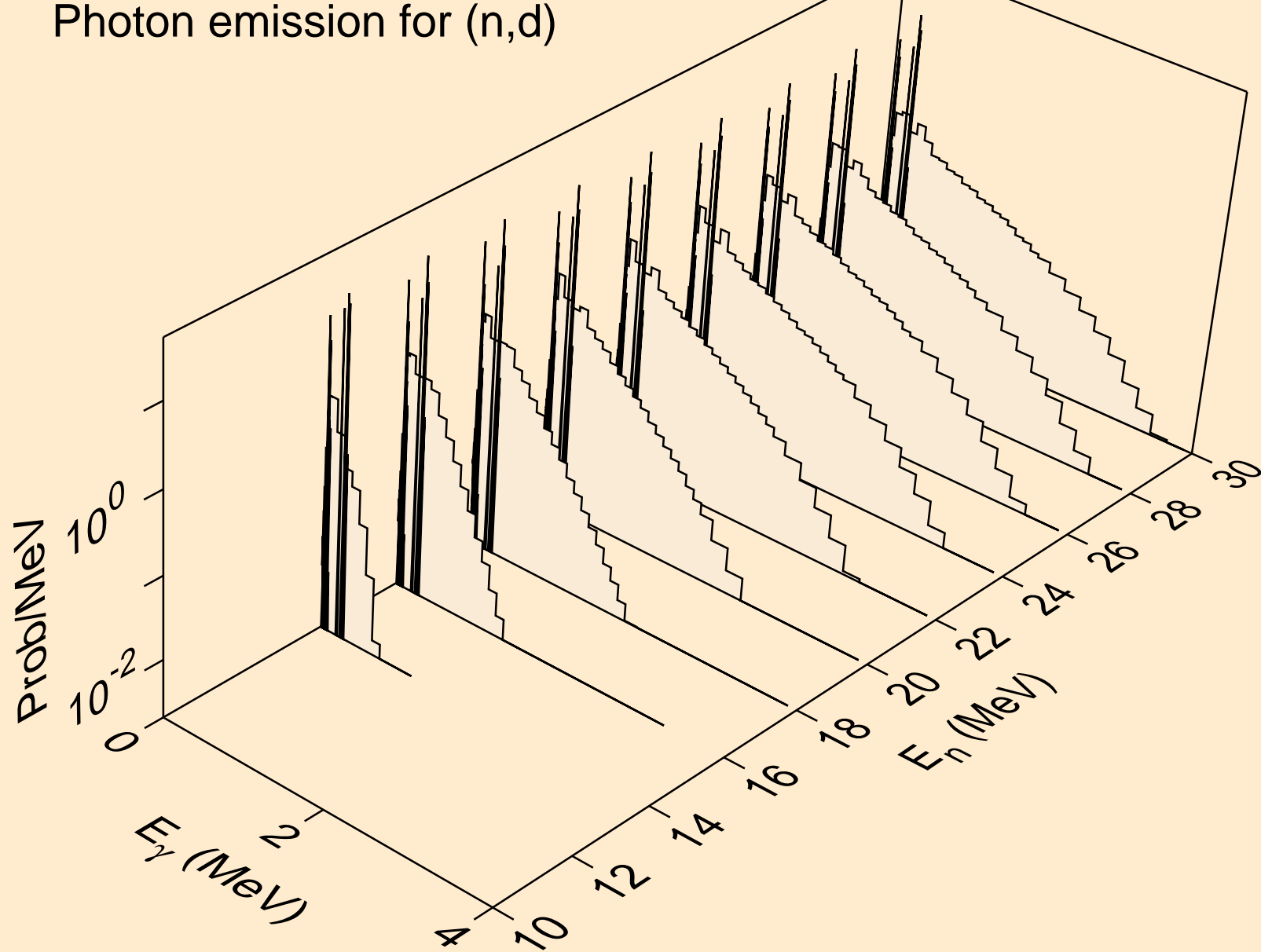


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

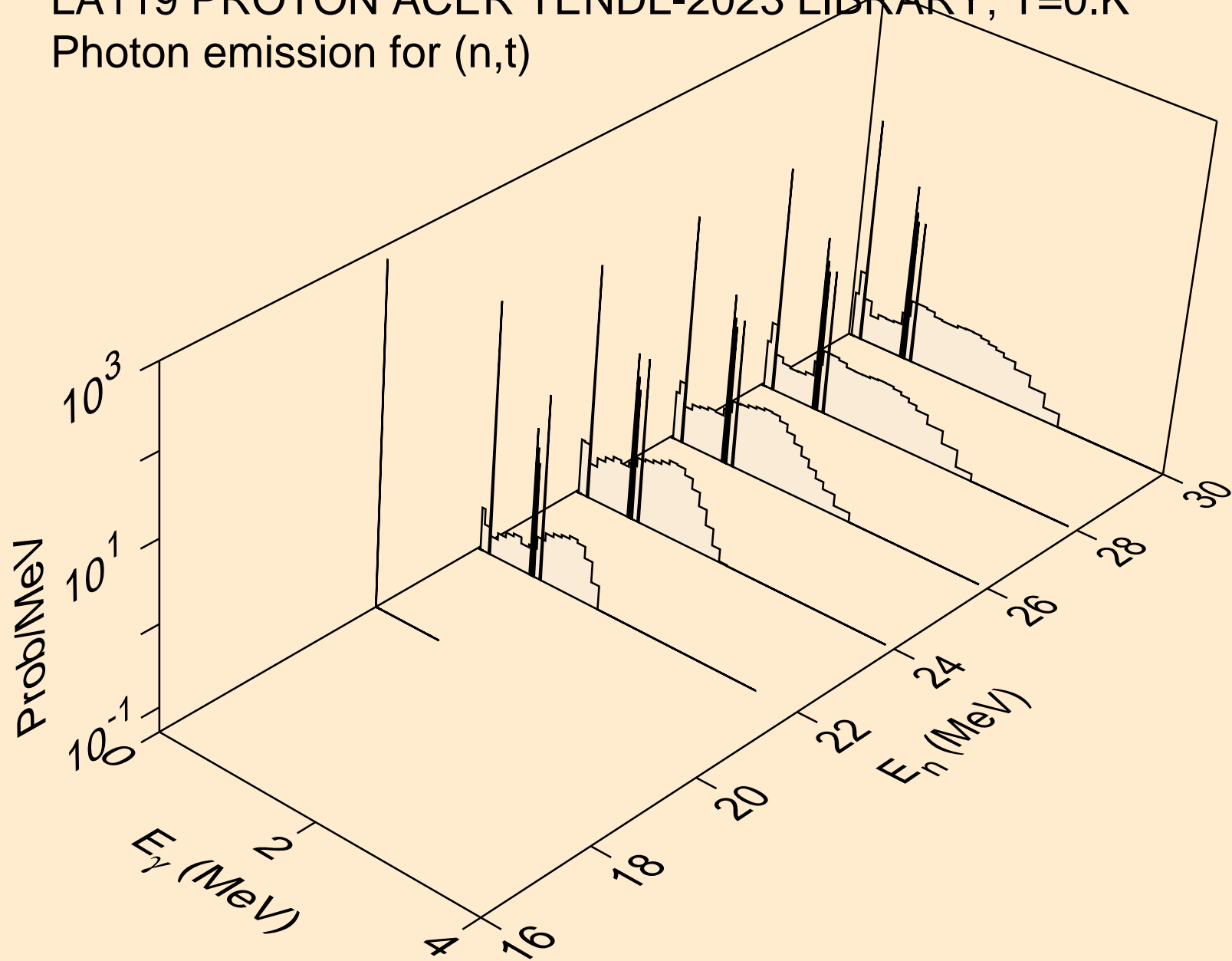




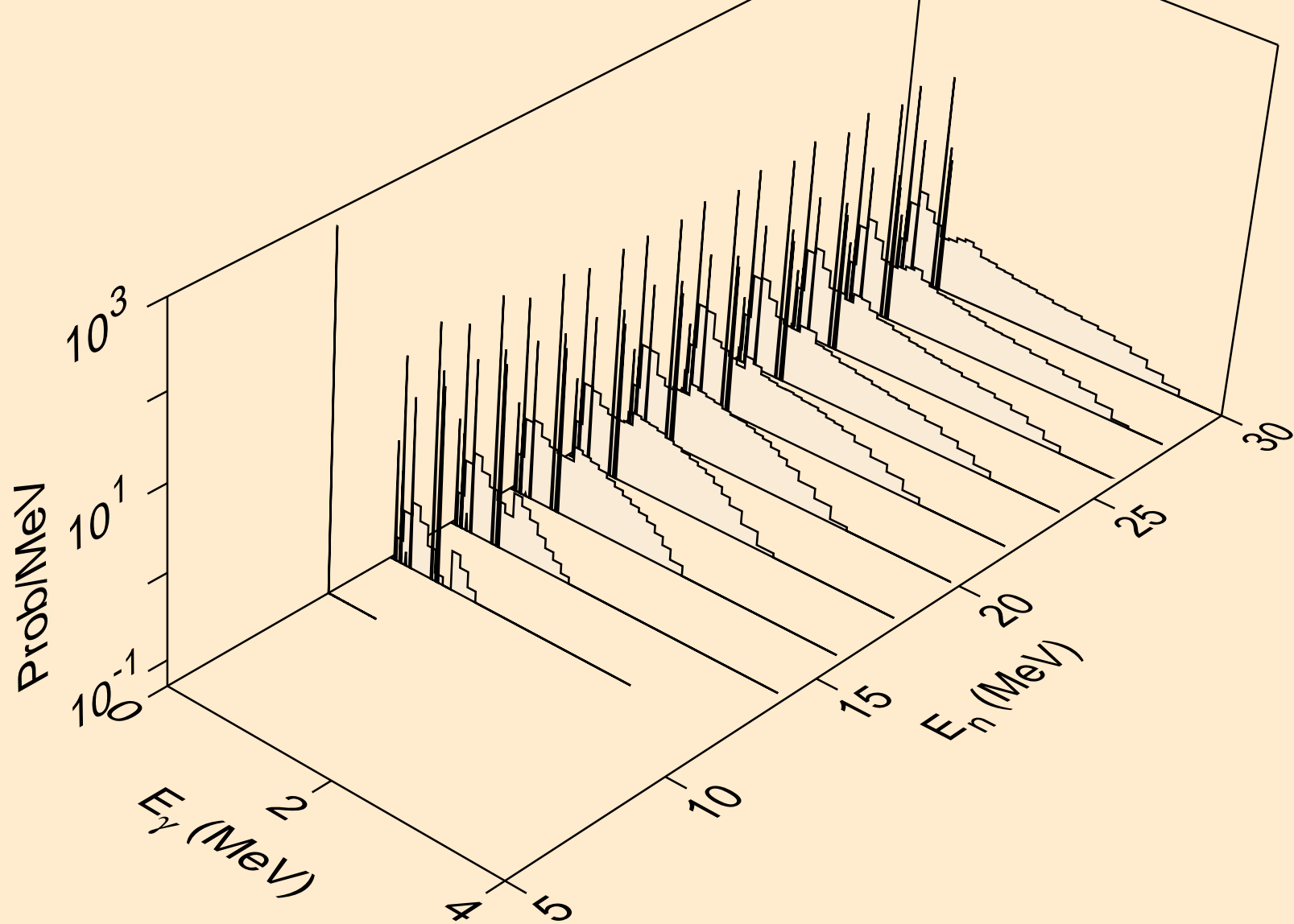
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Photon emission for (n,d)



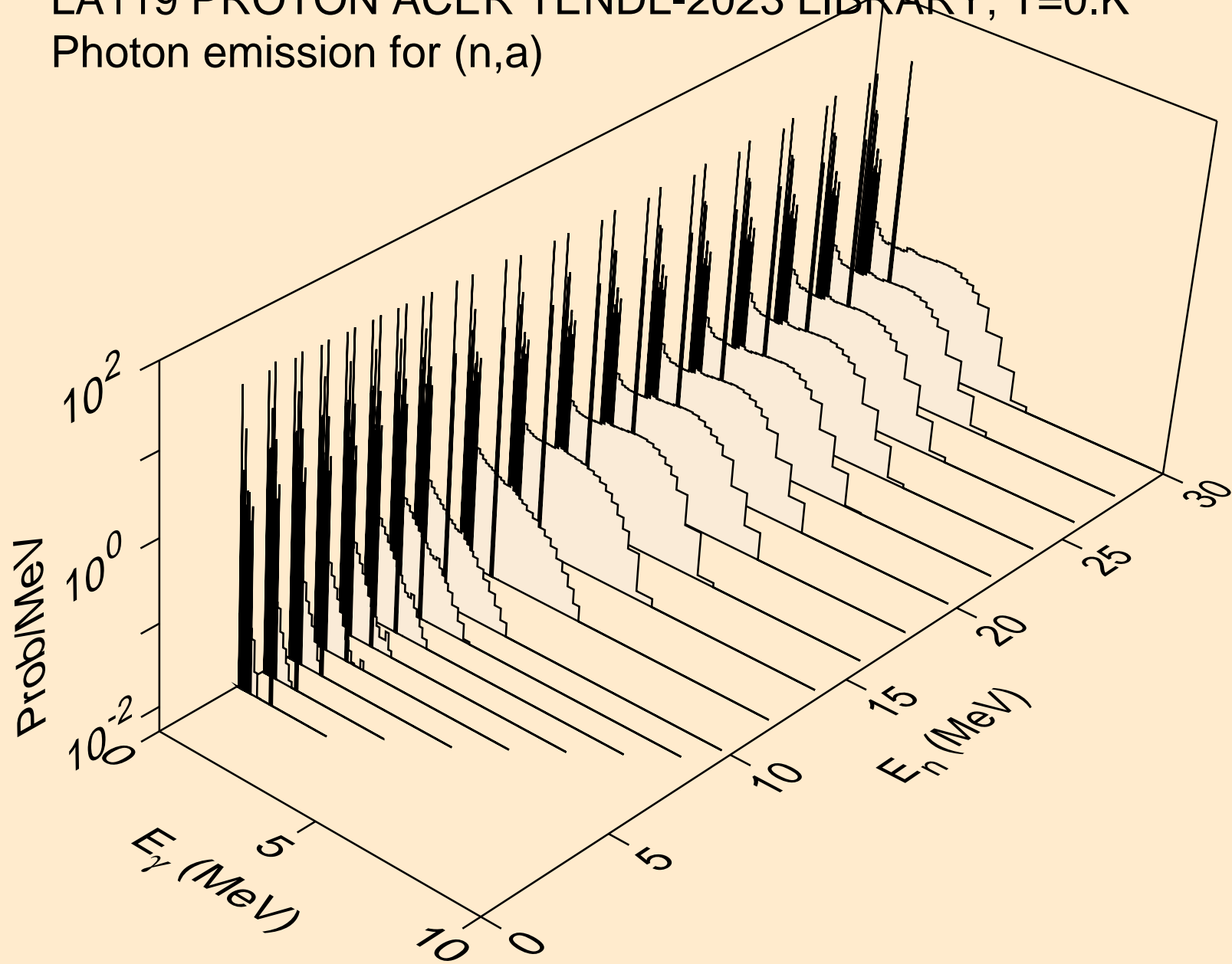
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Photon emission for (n,t)



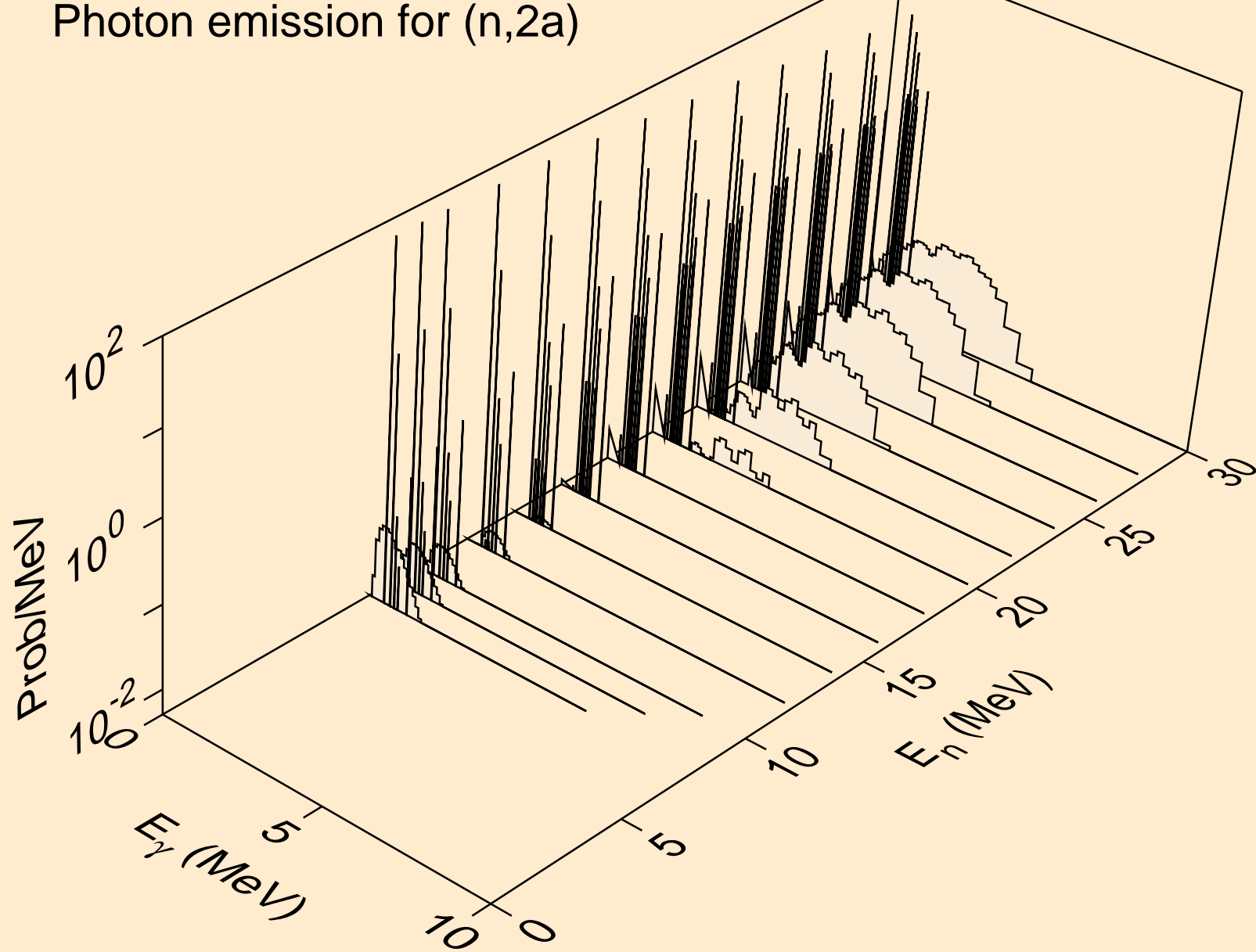
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Photon emission for (n,he3)



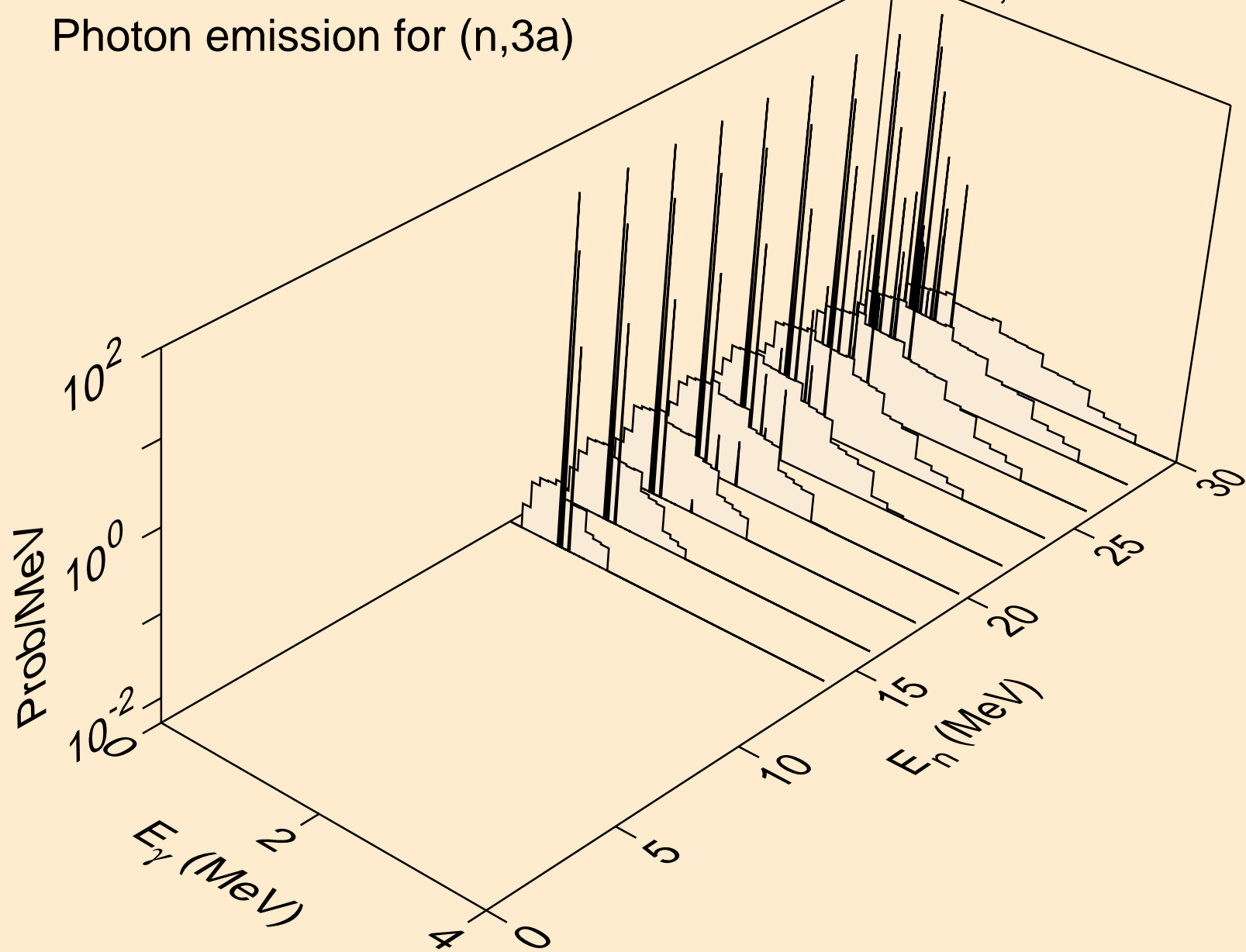
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Photon emission for (n,a)



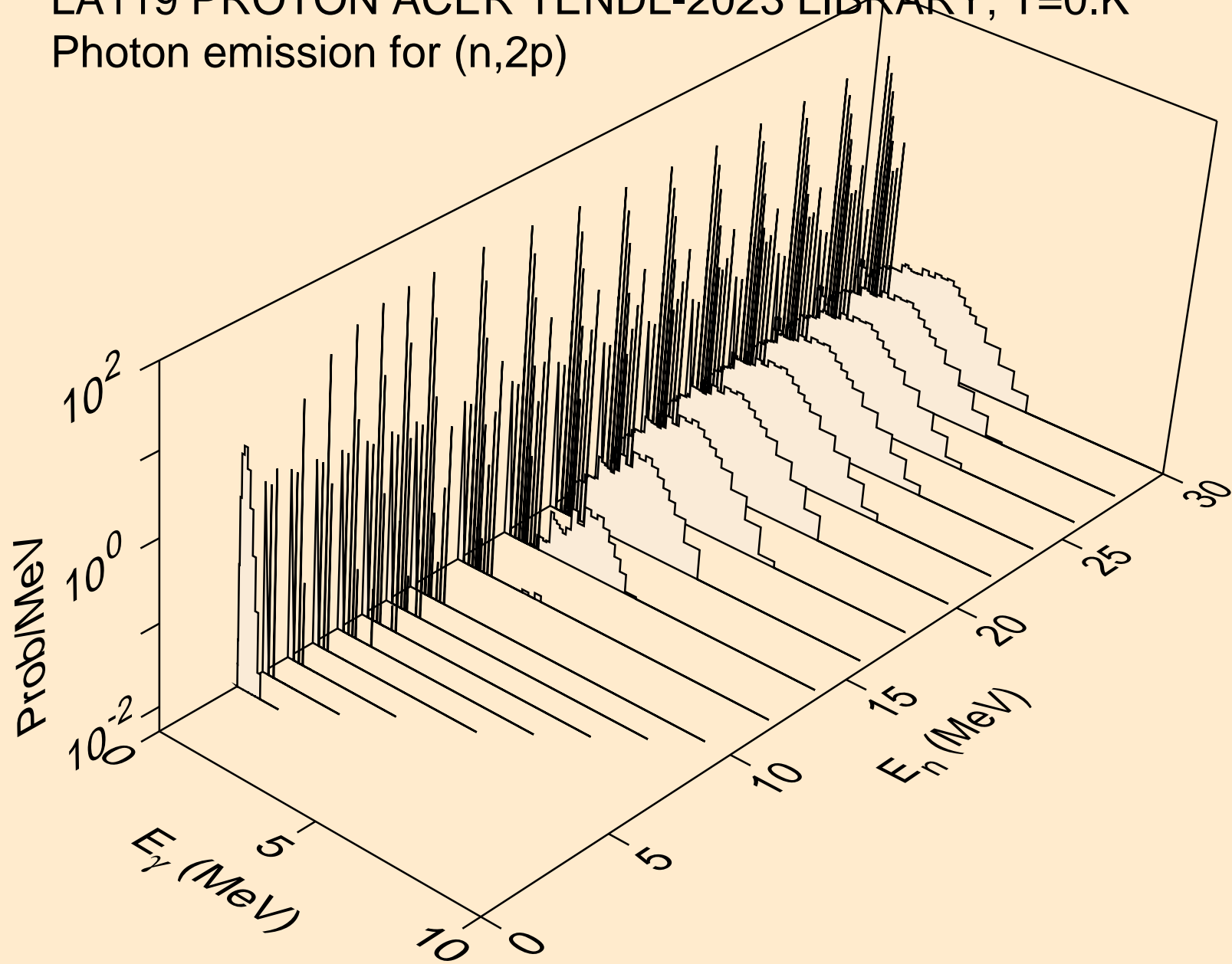
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Photon emission for (n,2a)



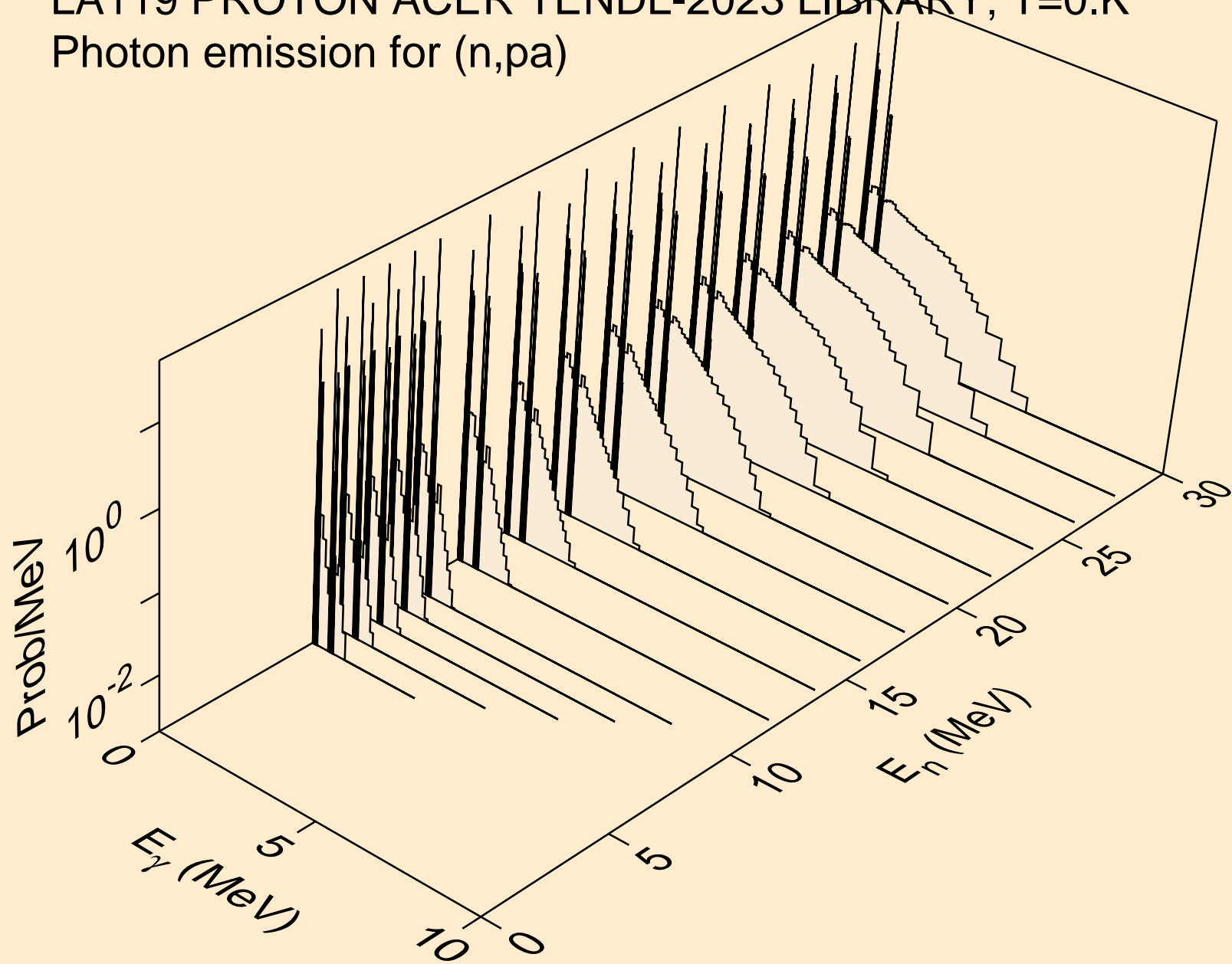
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

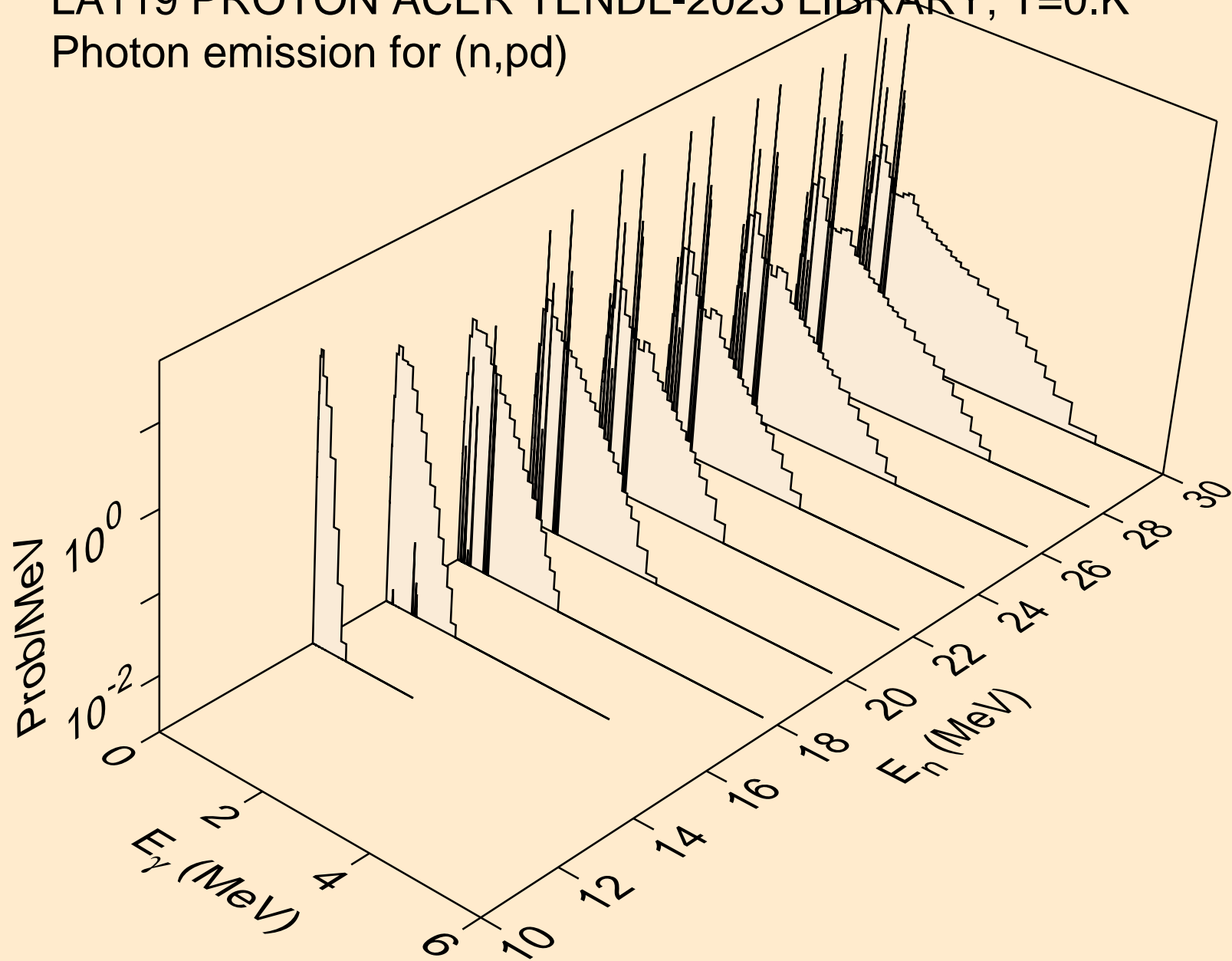


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Photon emission for (n,pa)

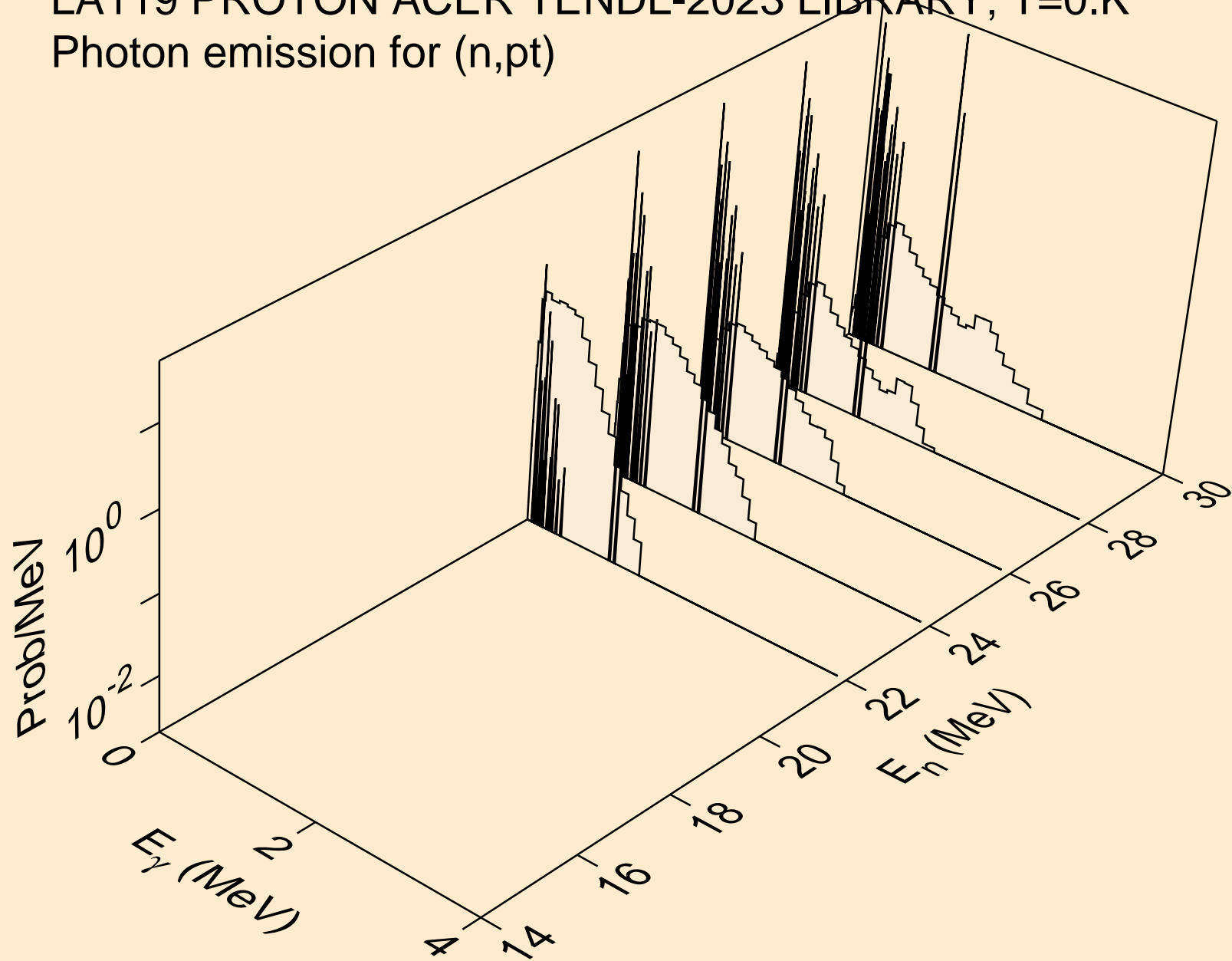




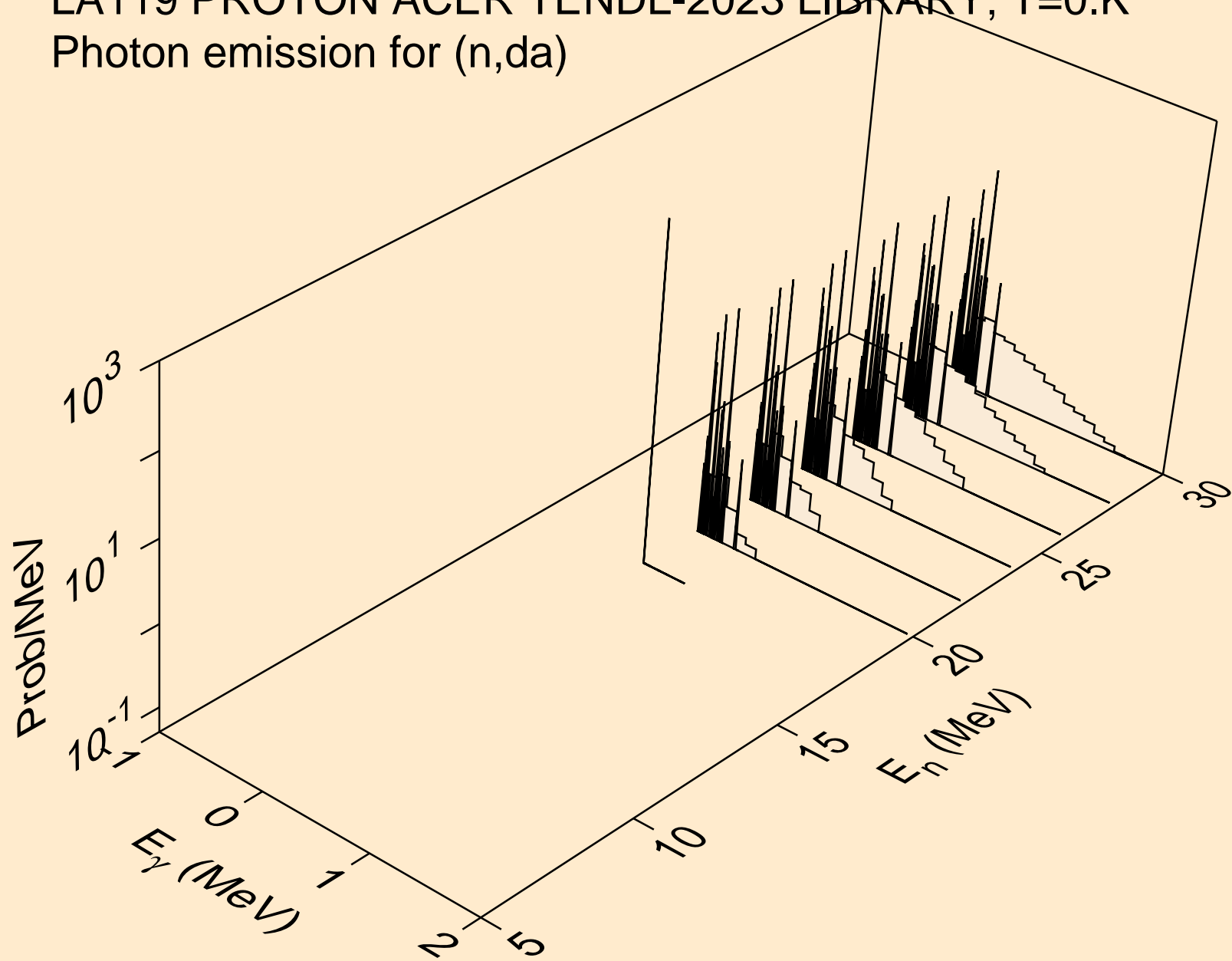
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Photon emission for (n,pd)



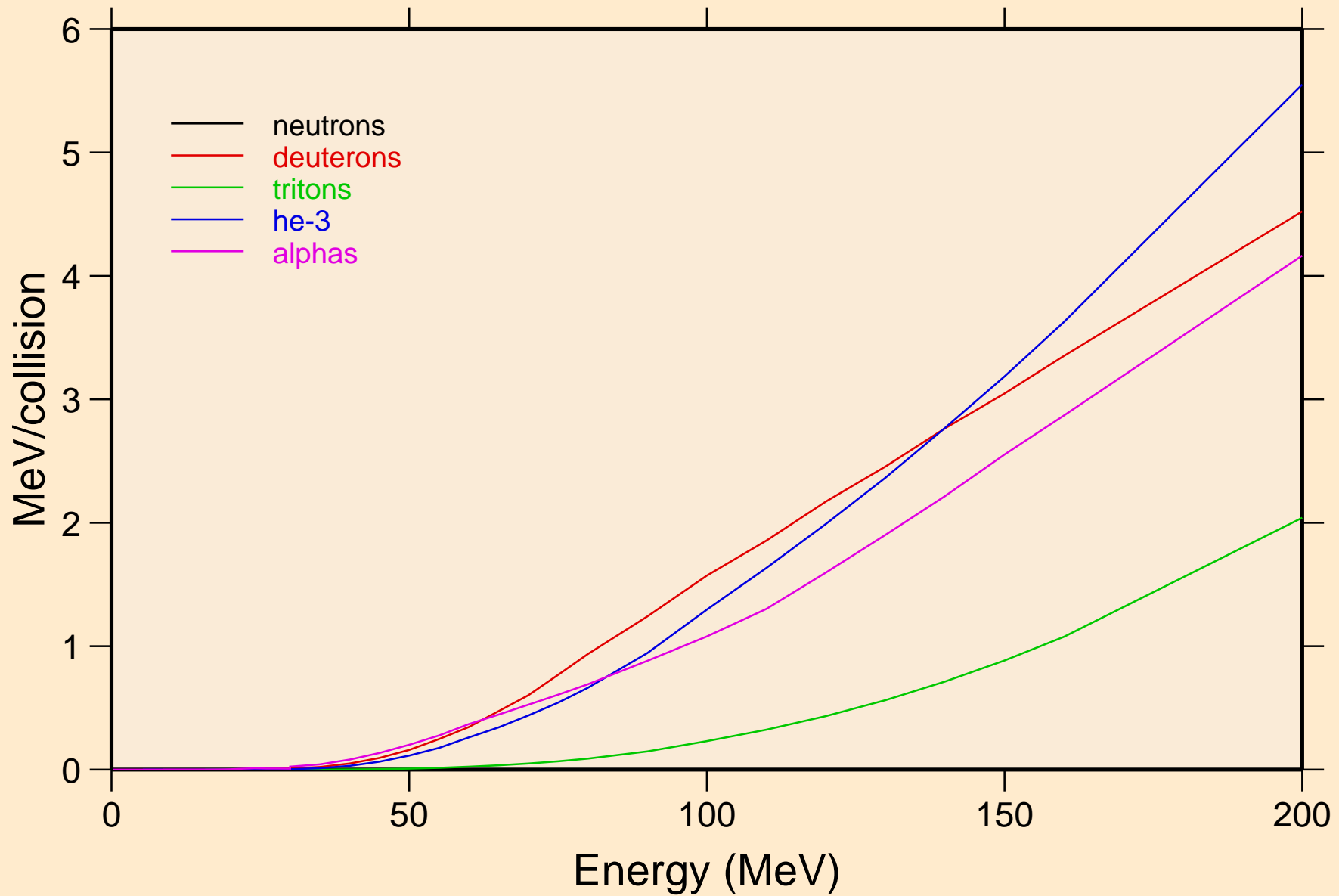
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

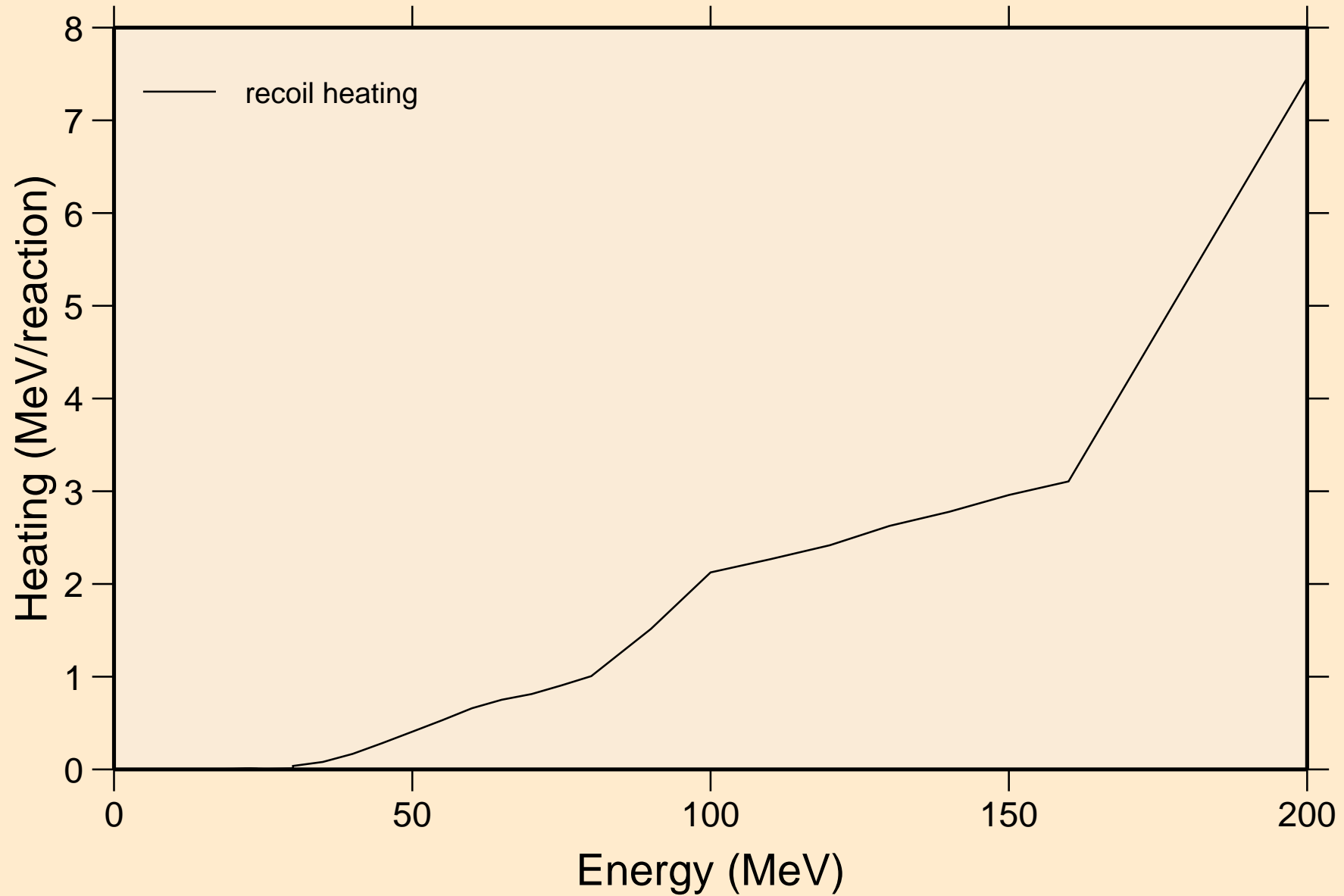


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

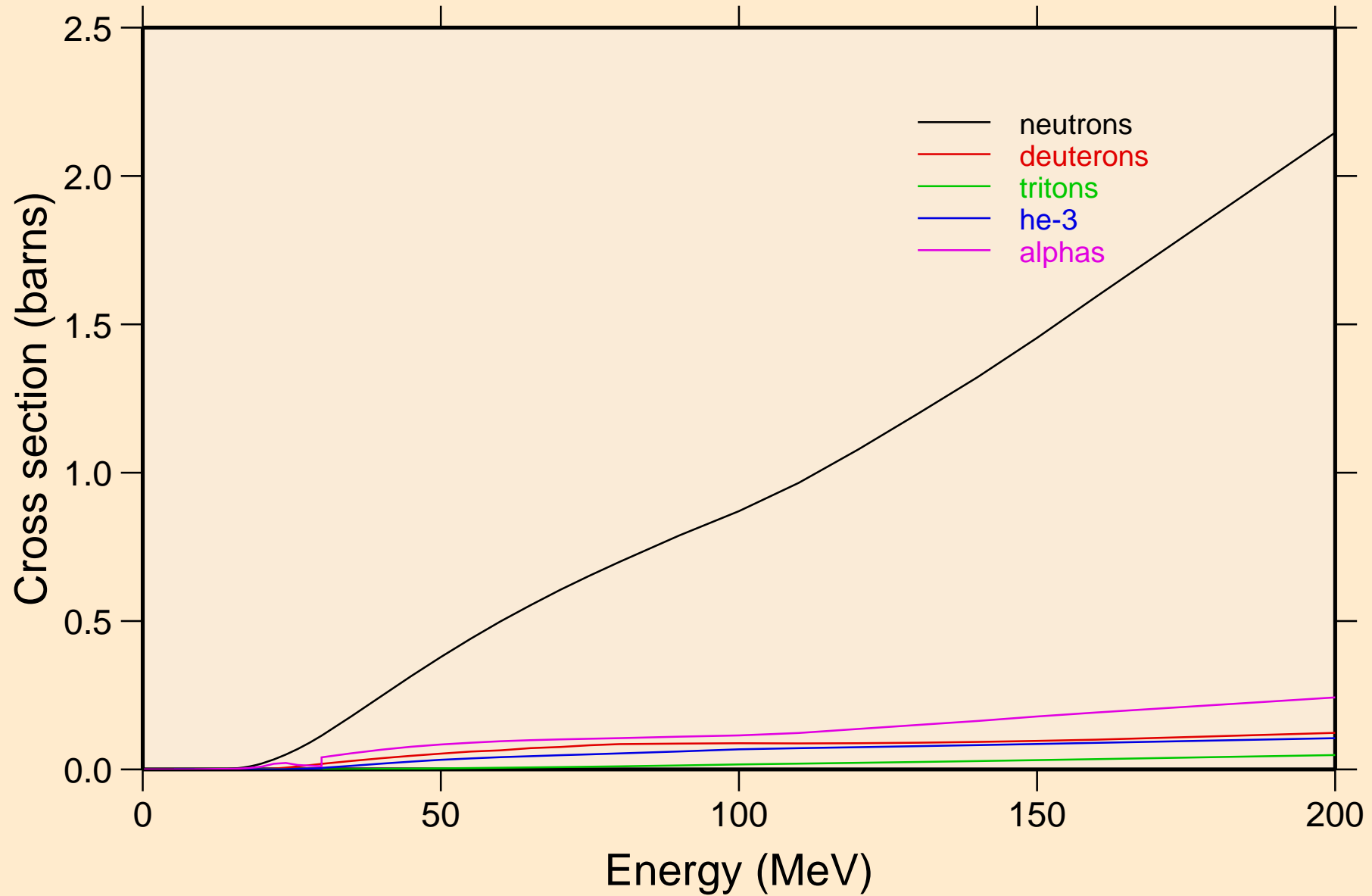


# LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

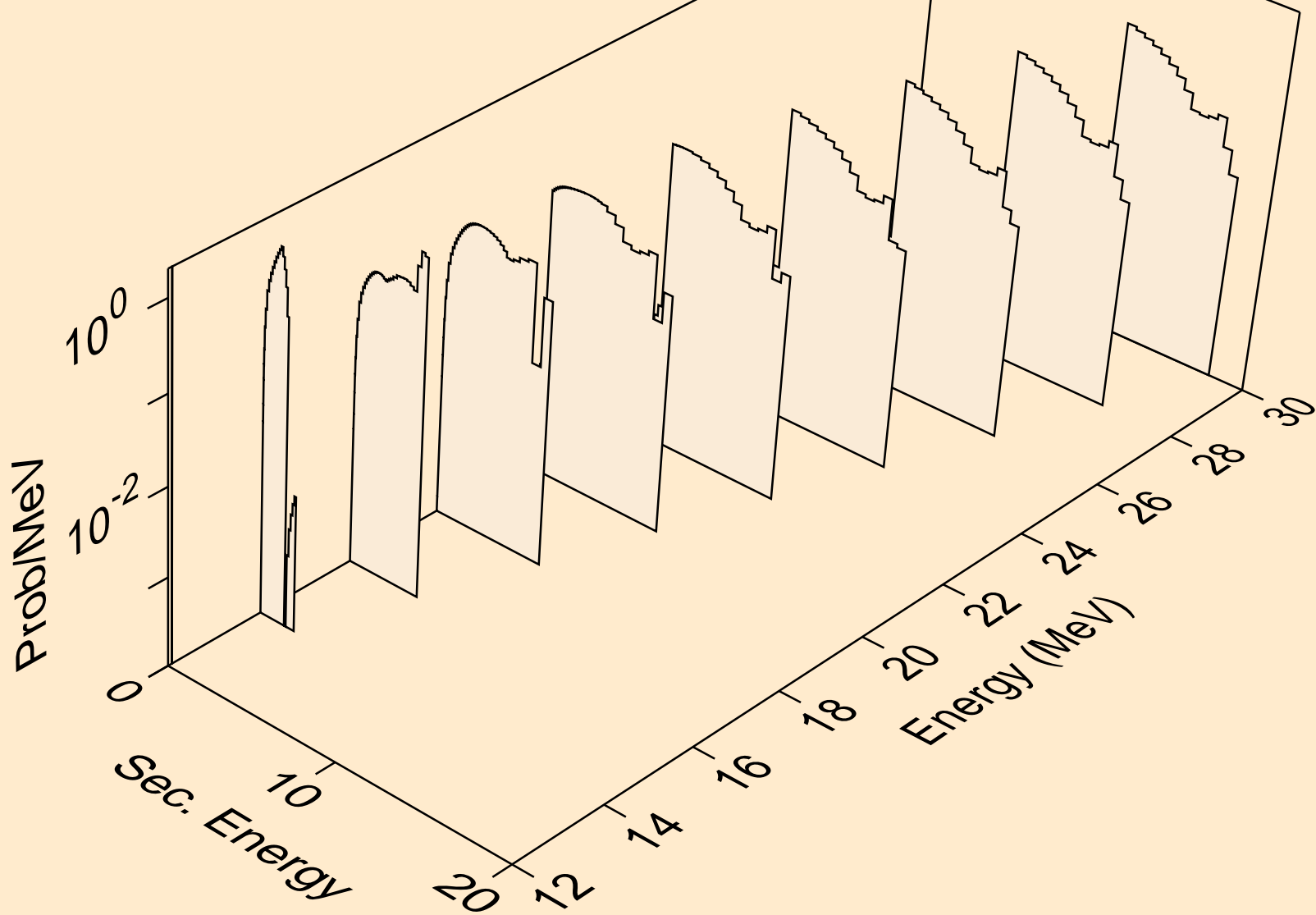
## Recoil Heating



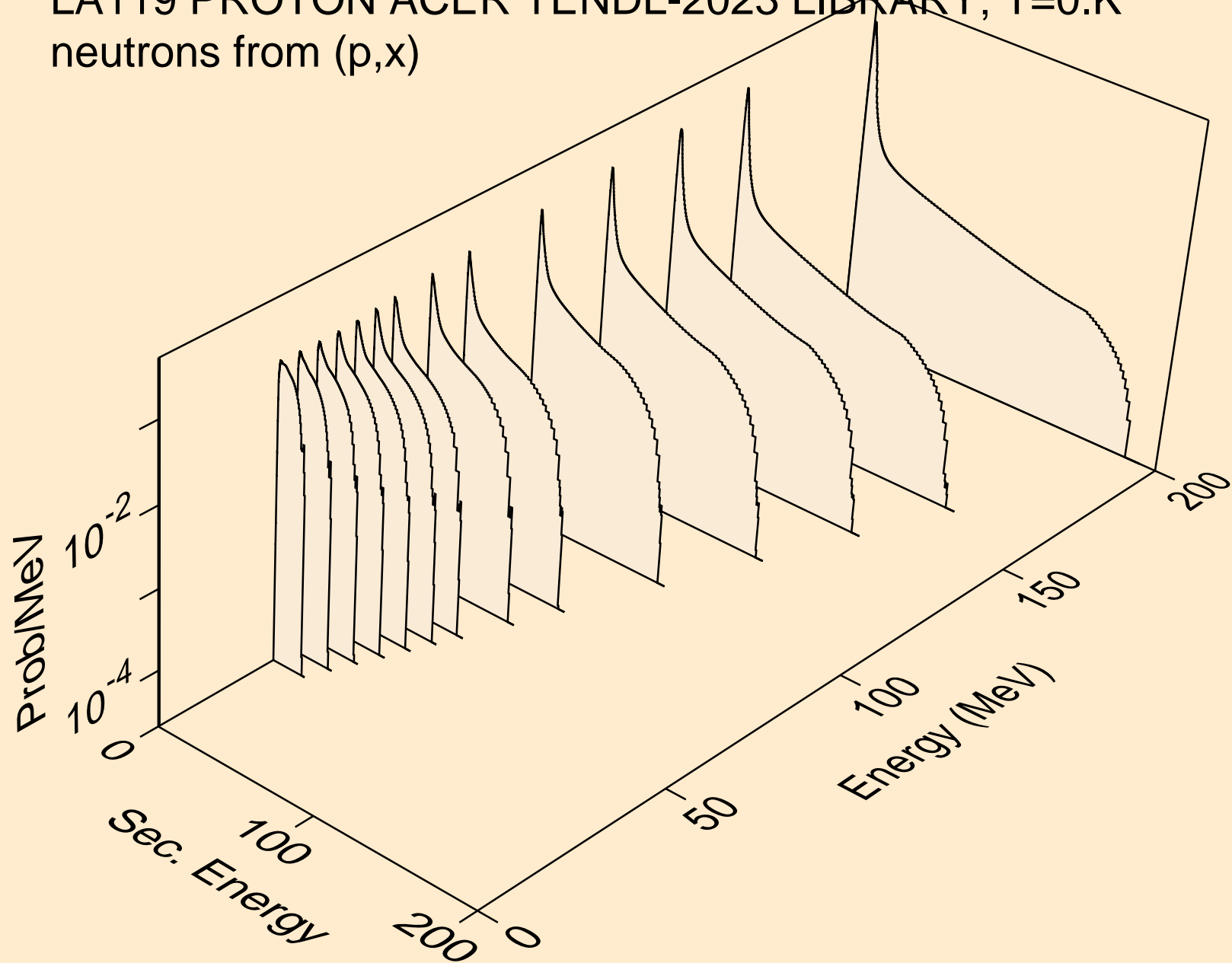
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

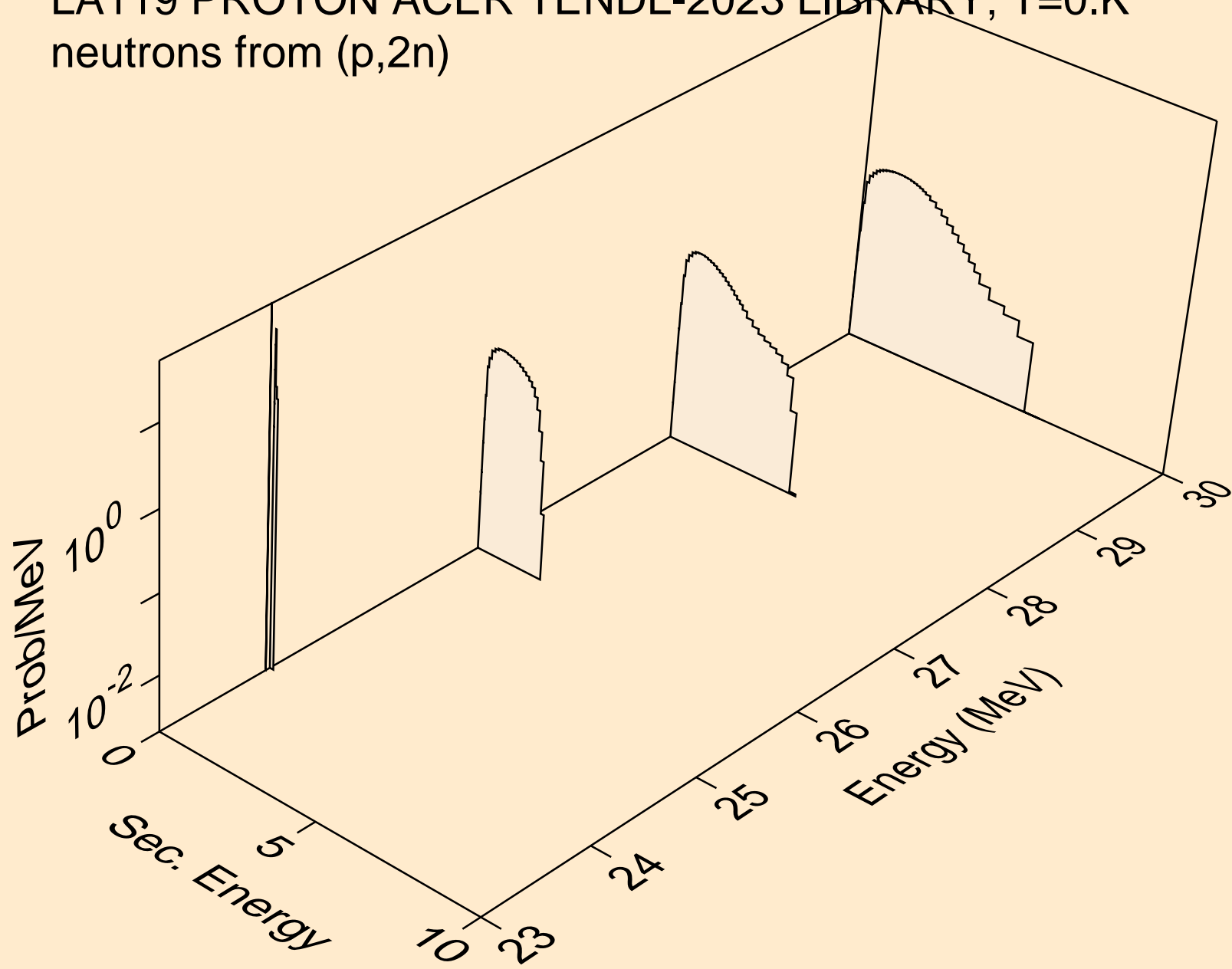


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

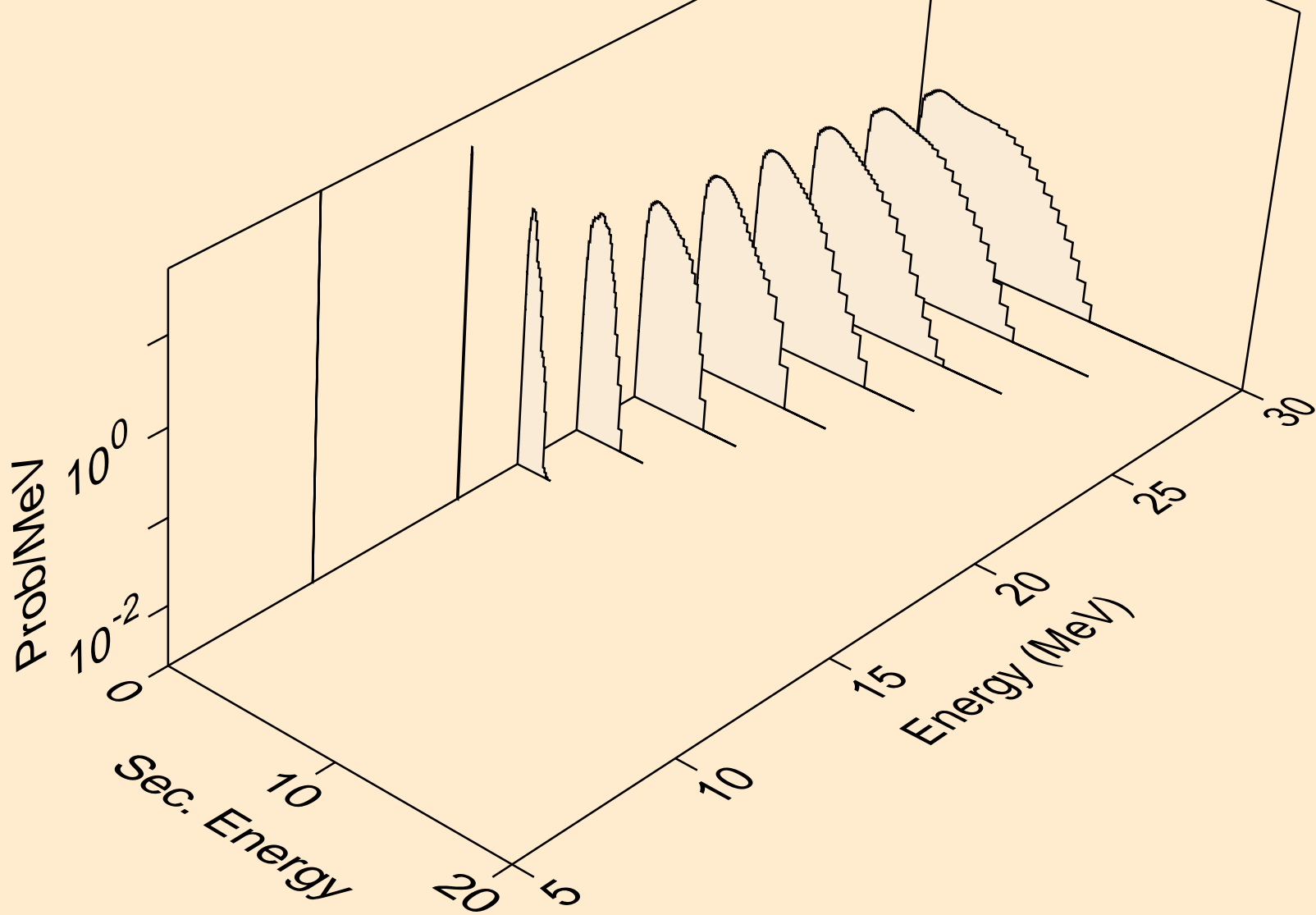




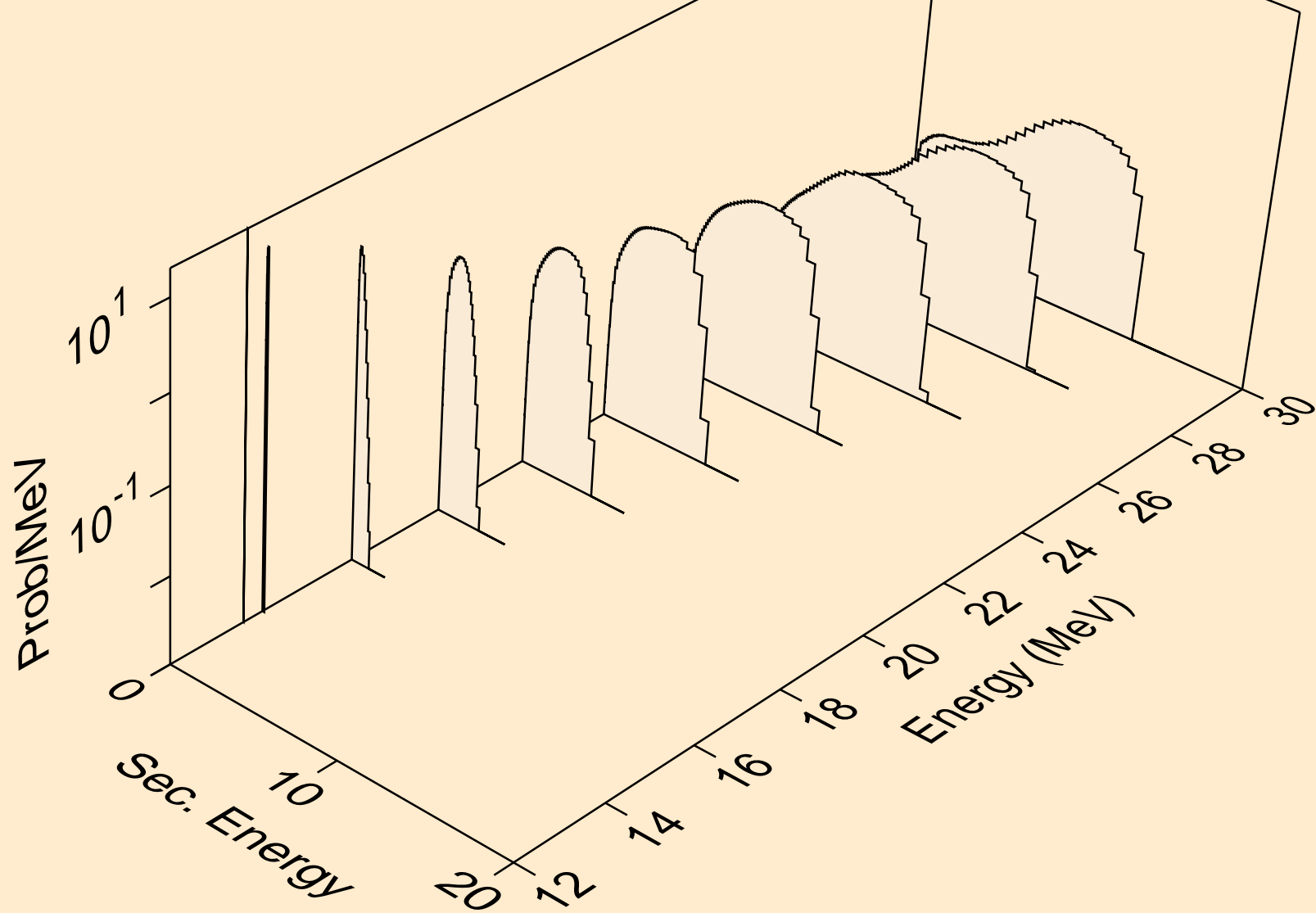
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



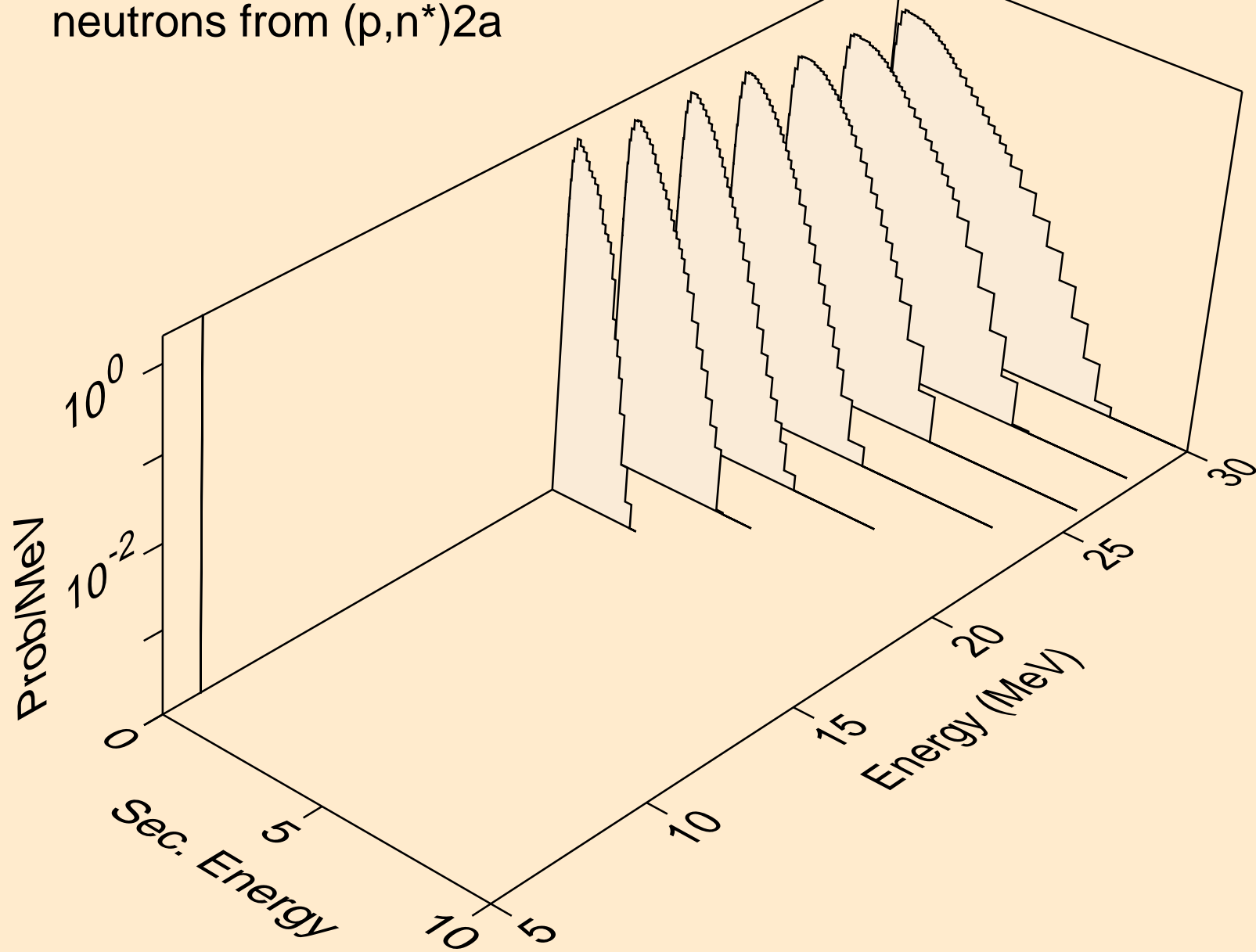
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



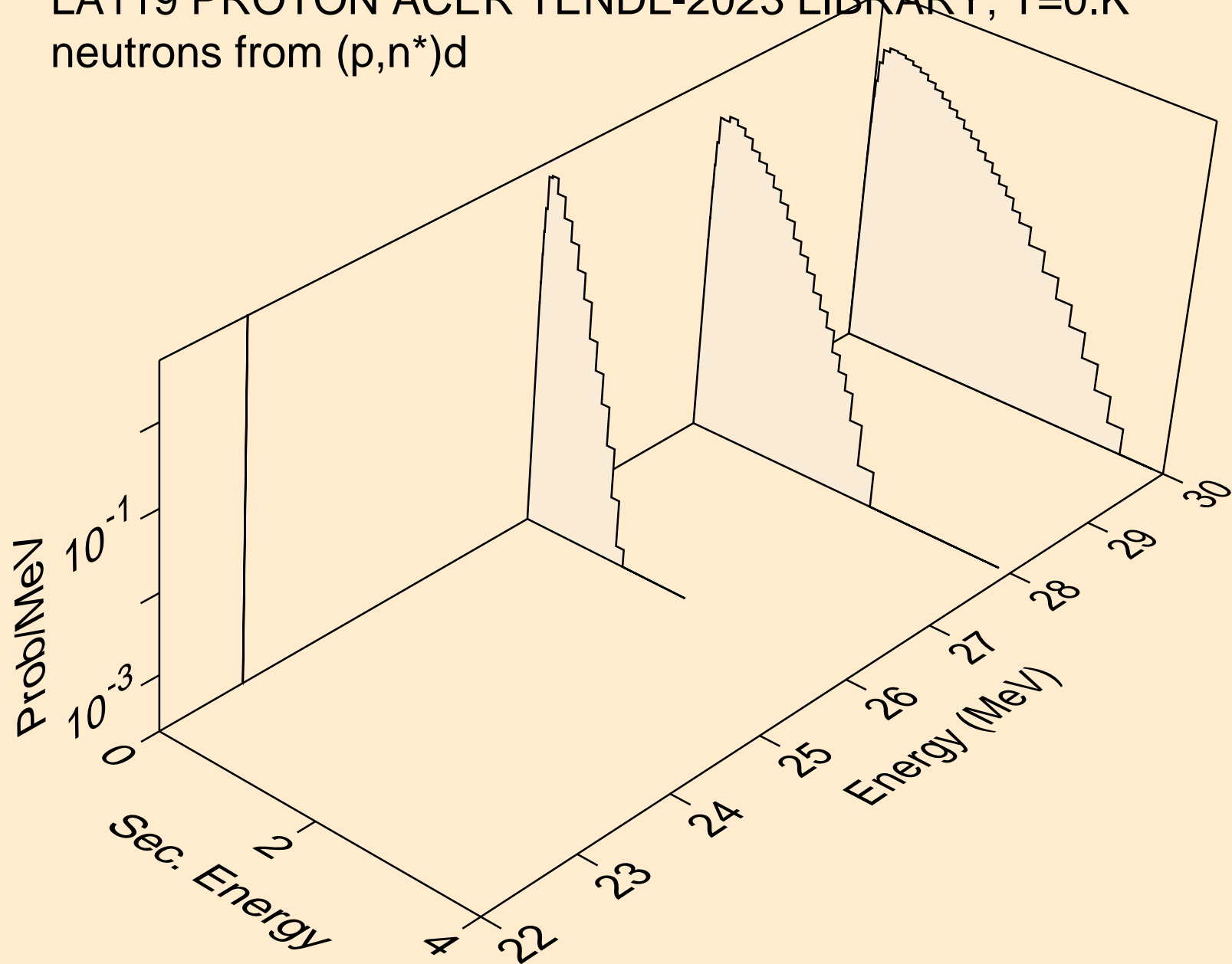
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neutrons from (p,n\*)p



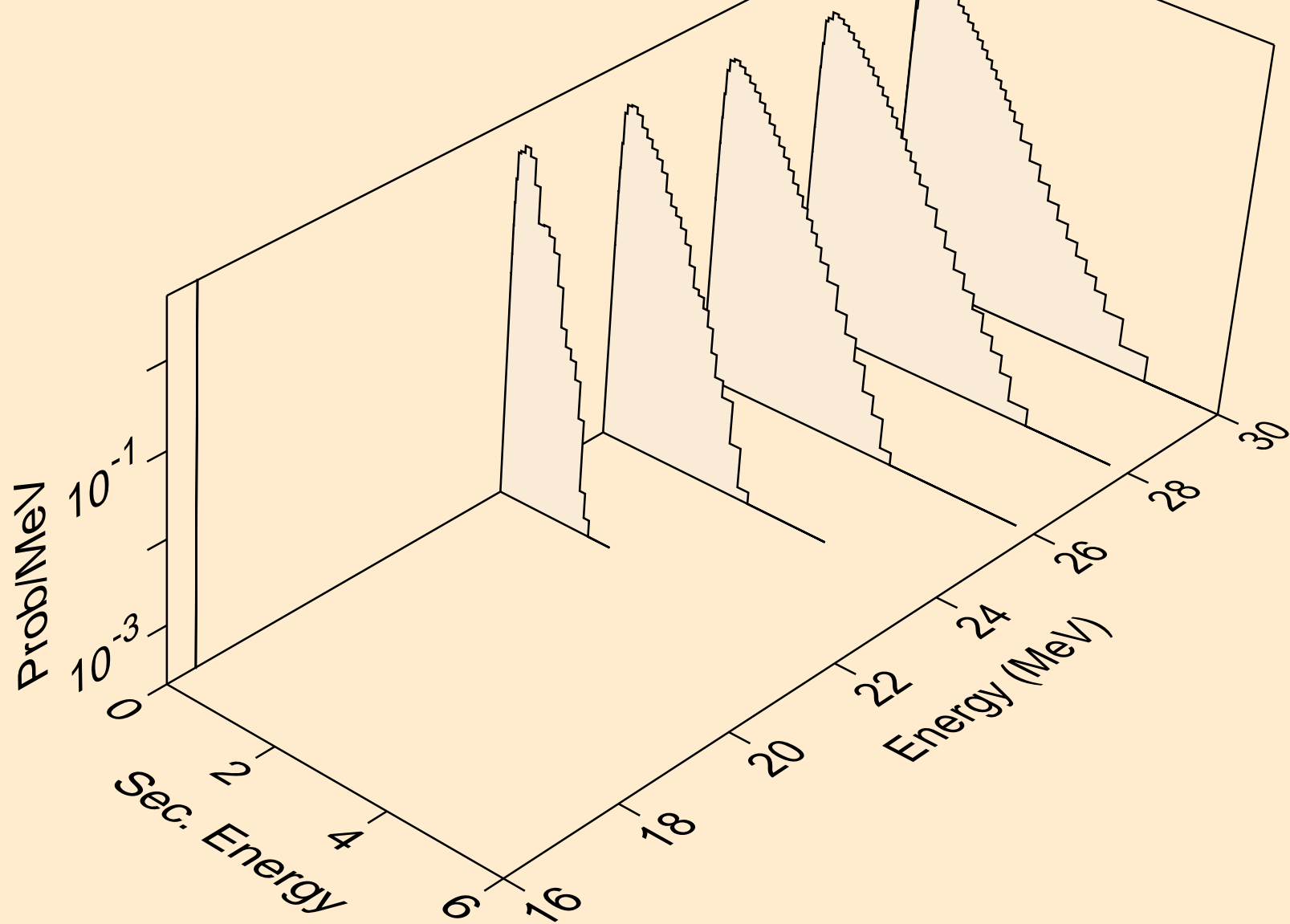
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neutrons from (p,n\*)2a



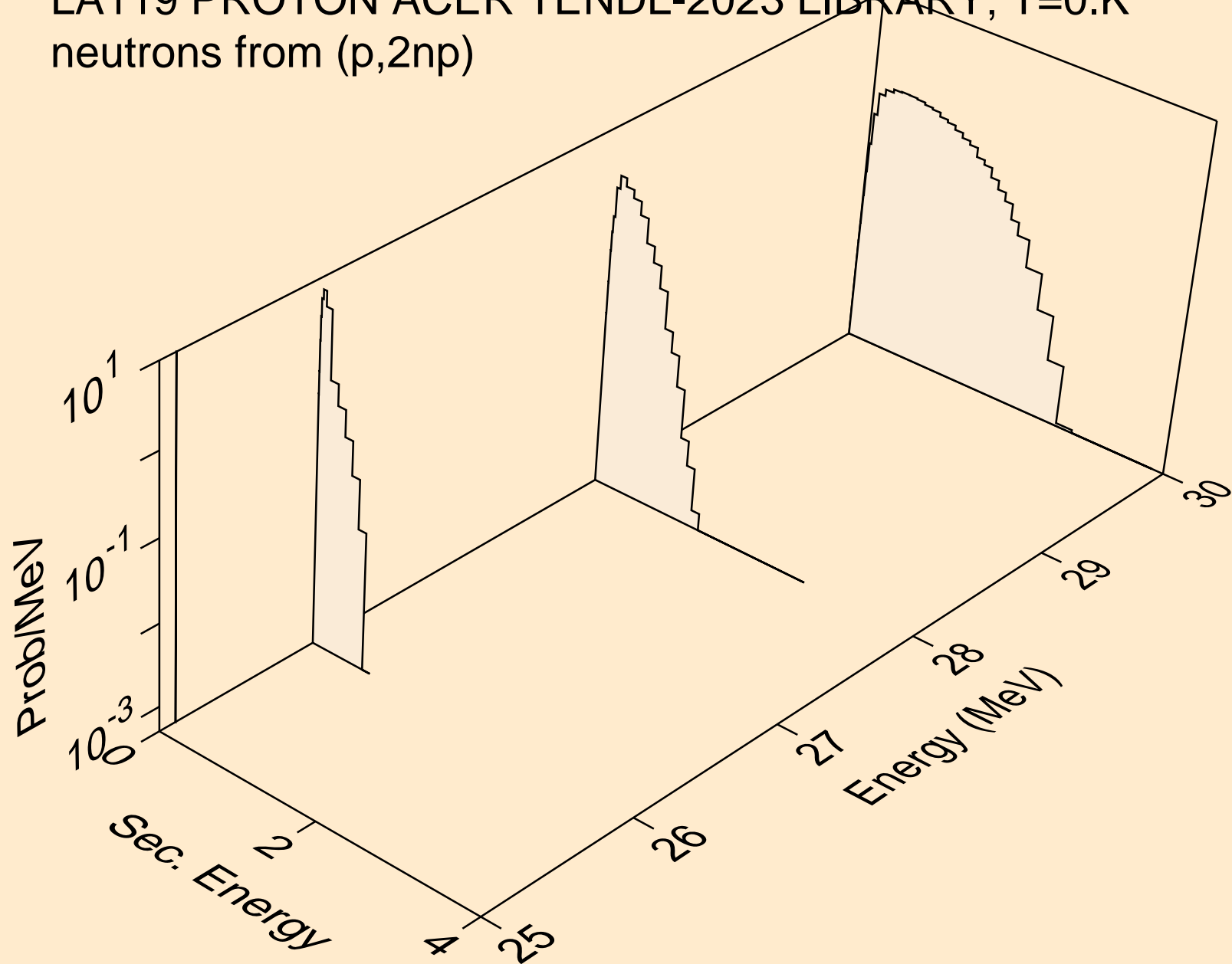
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



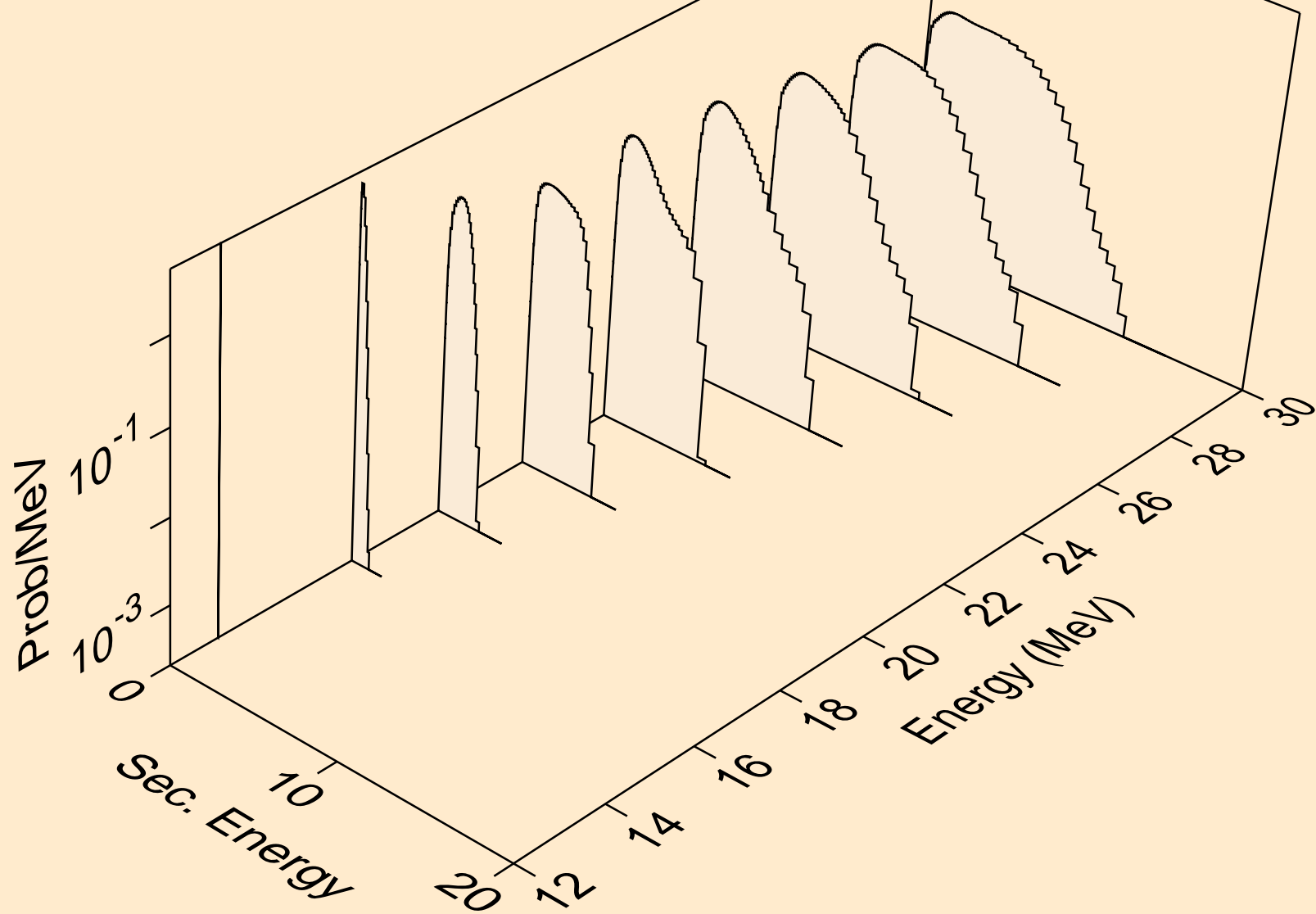
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

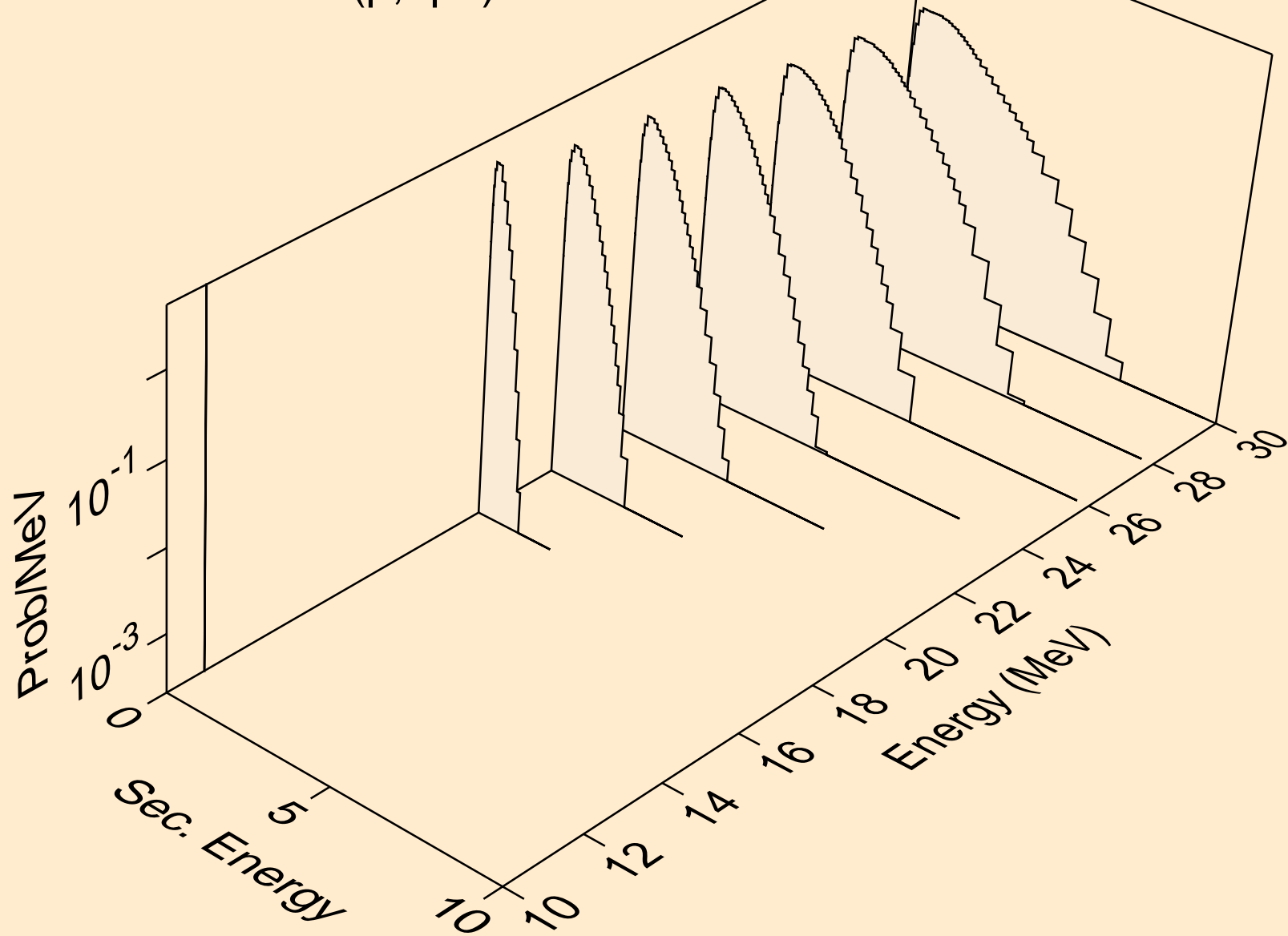


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

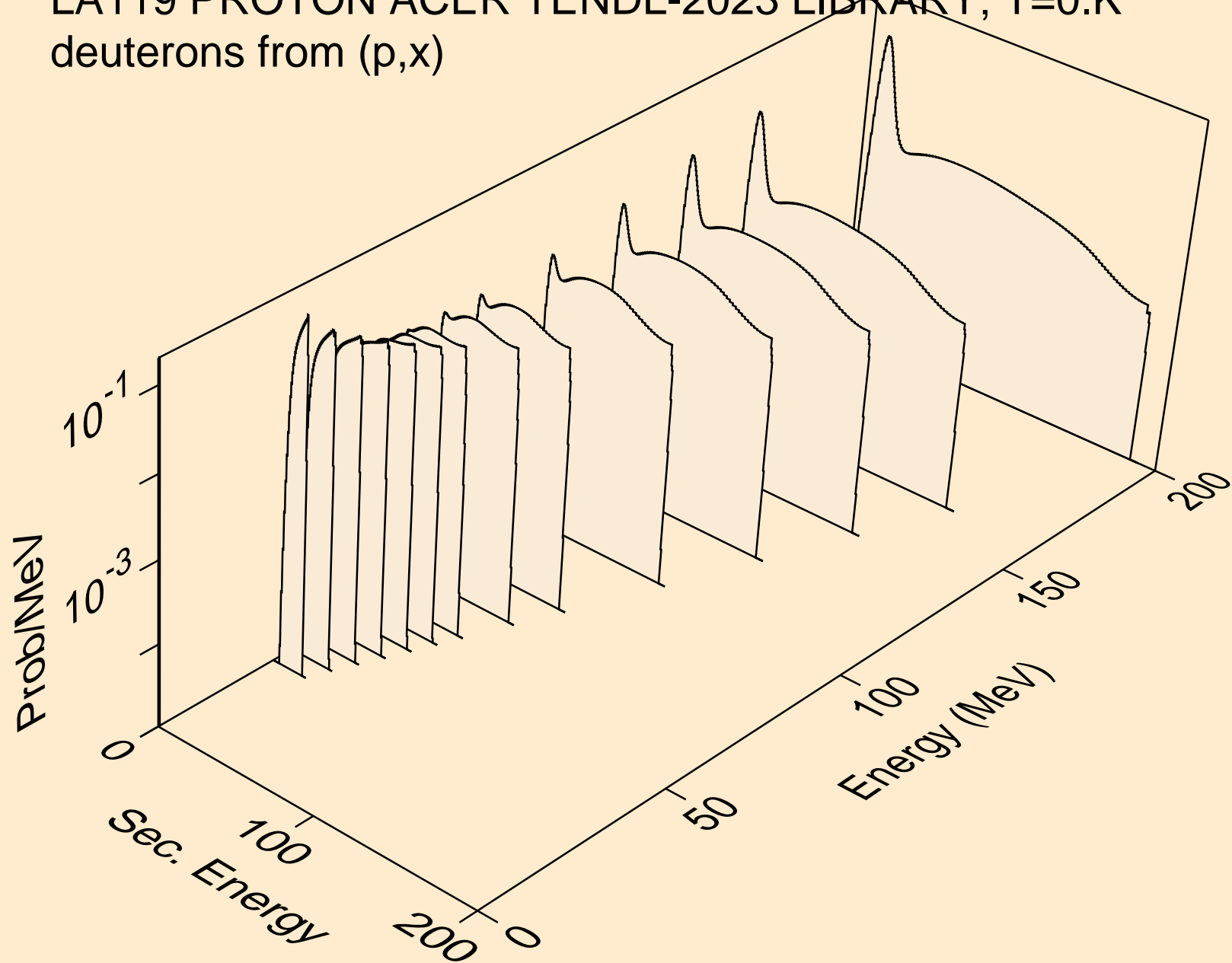




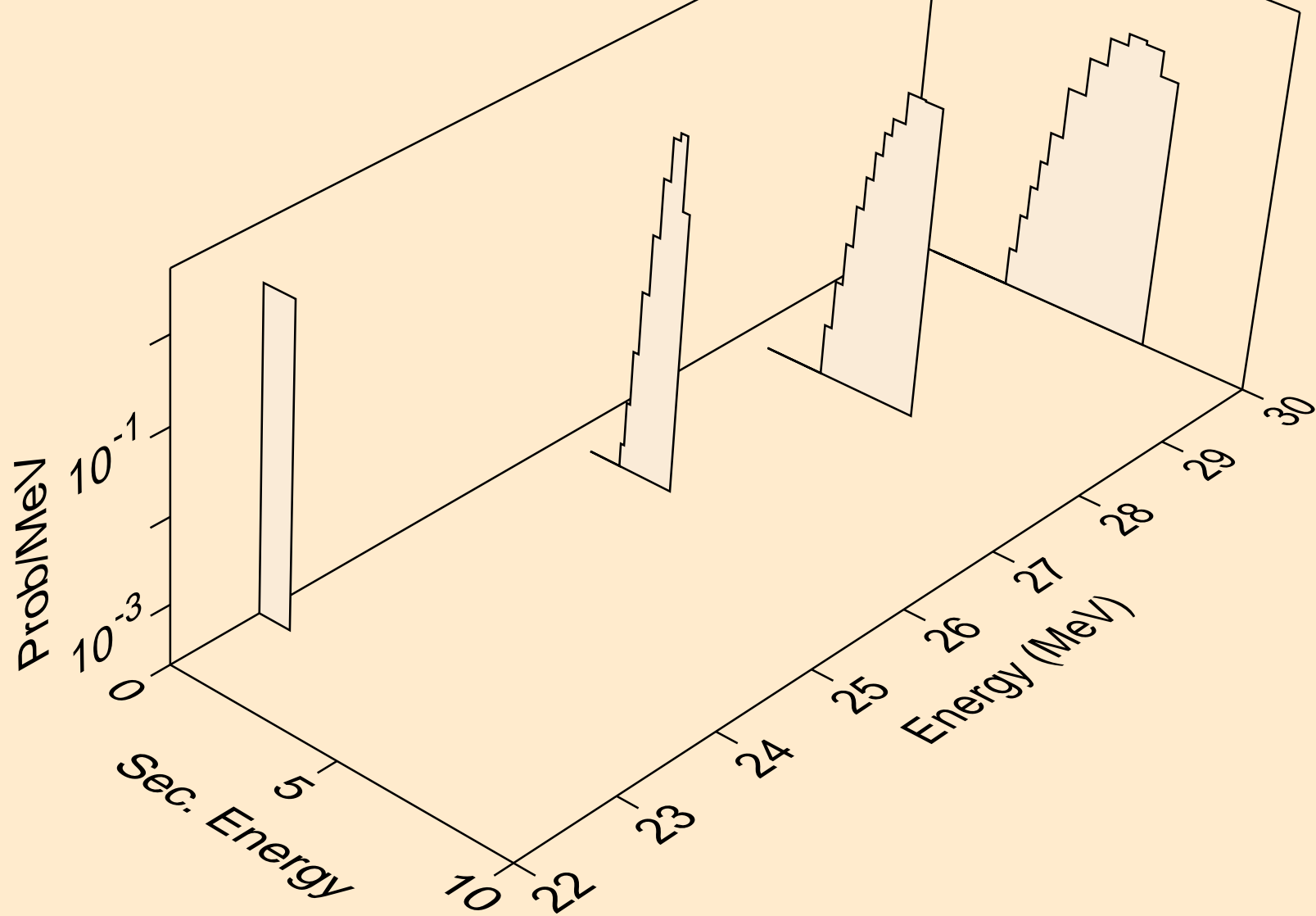
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neutrons from (p,npa)



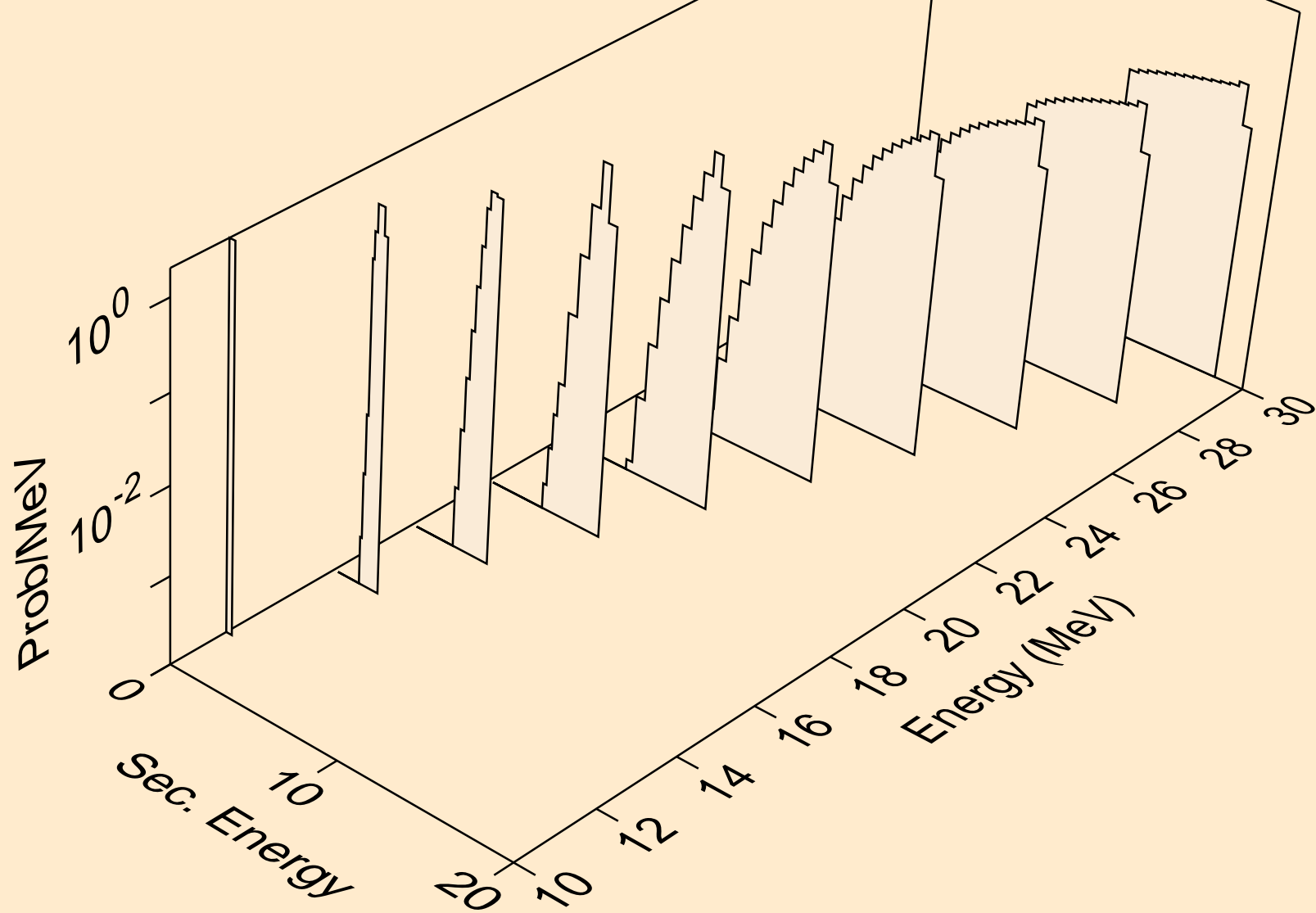
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deuterons from (p,x)



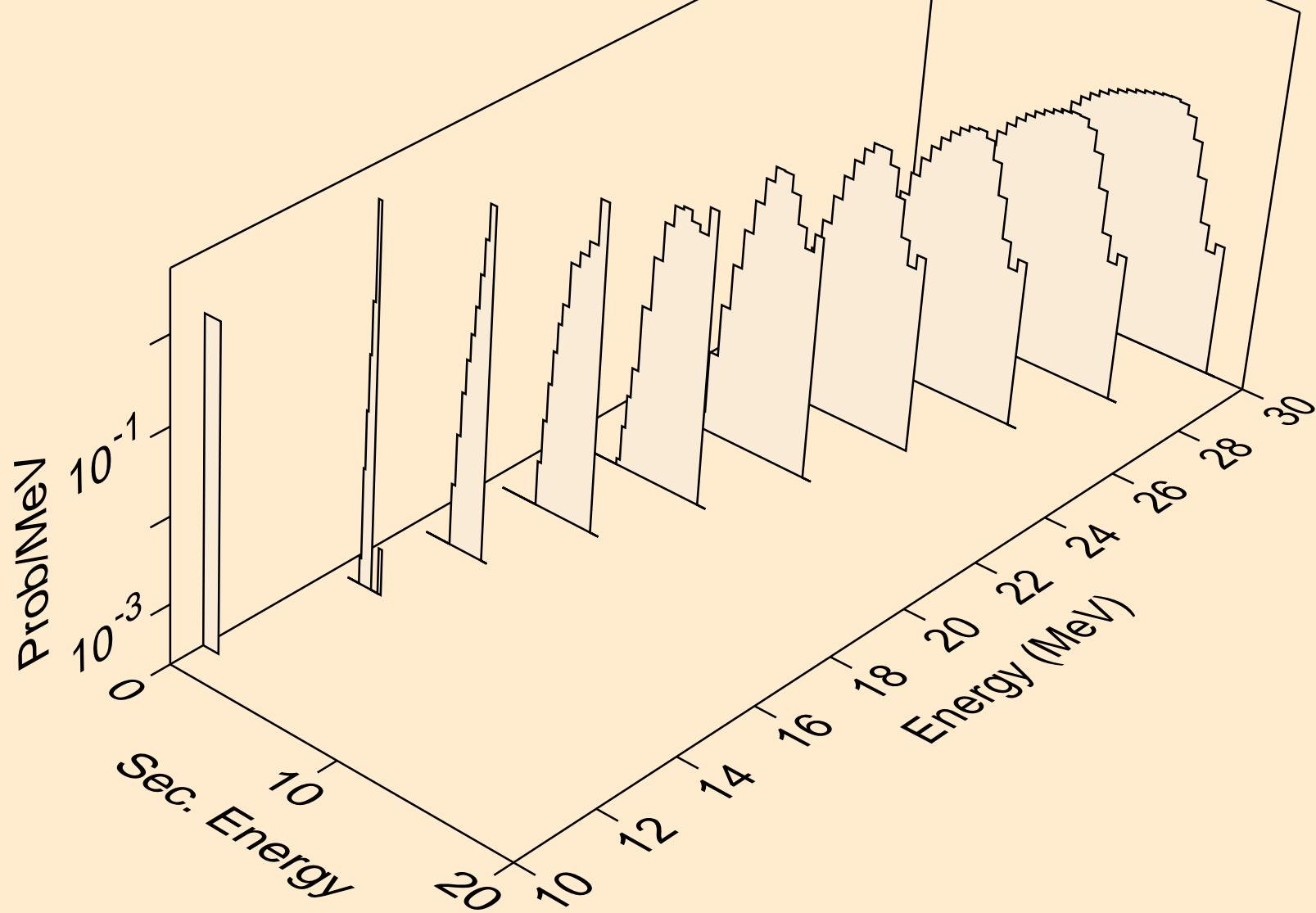
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deuterons from (p,n\*)d



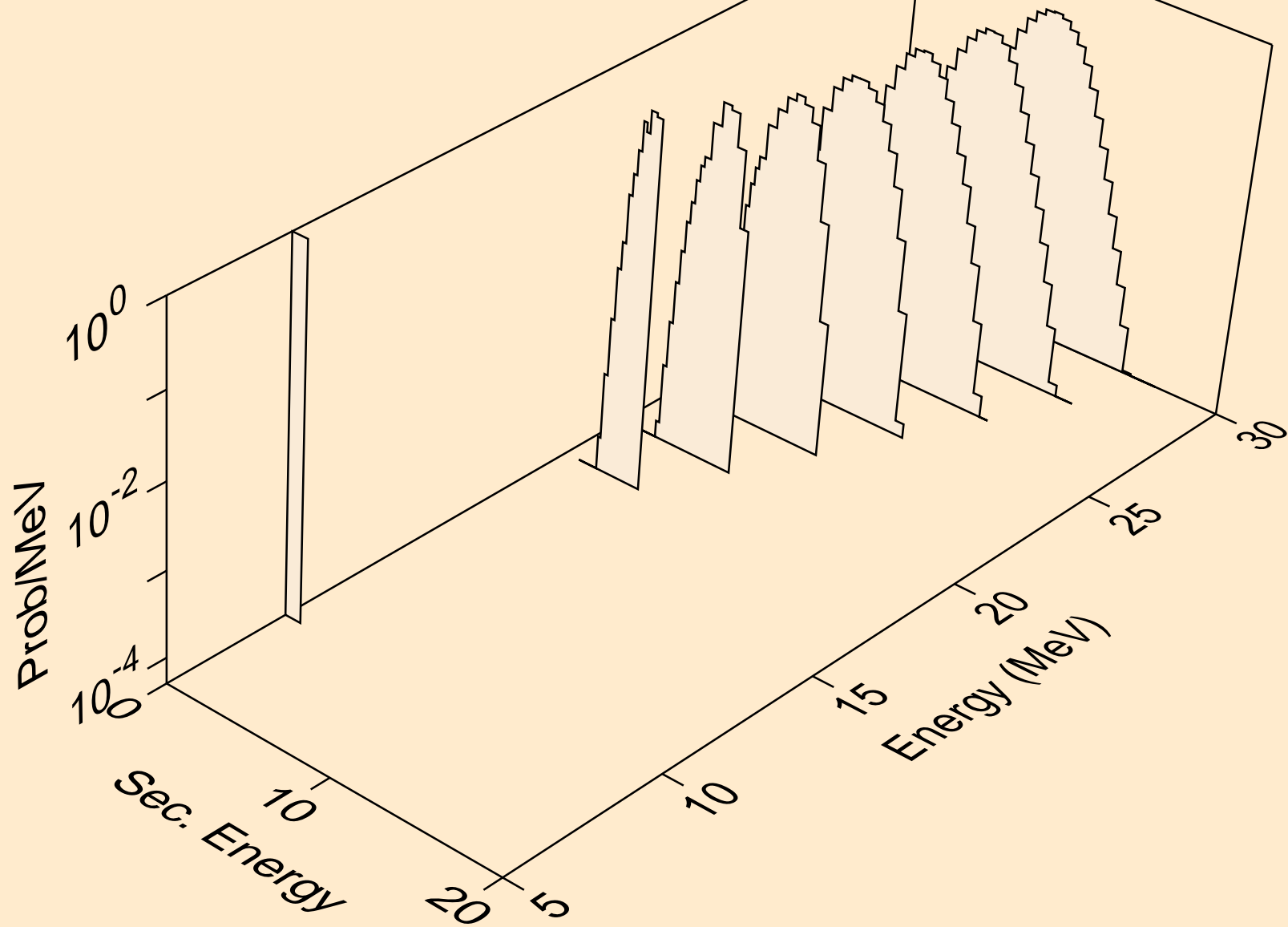
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deuterons from (p,d)



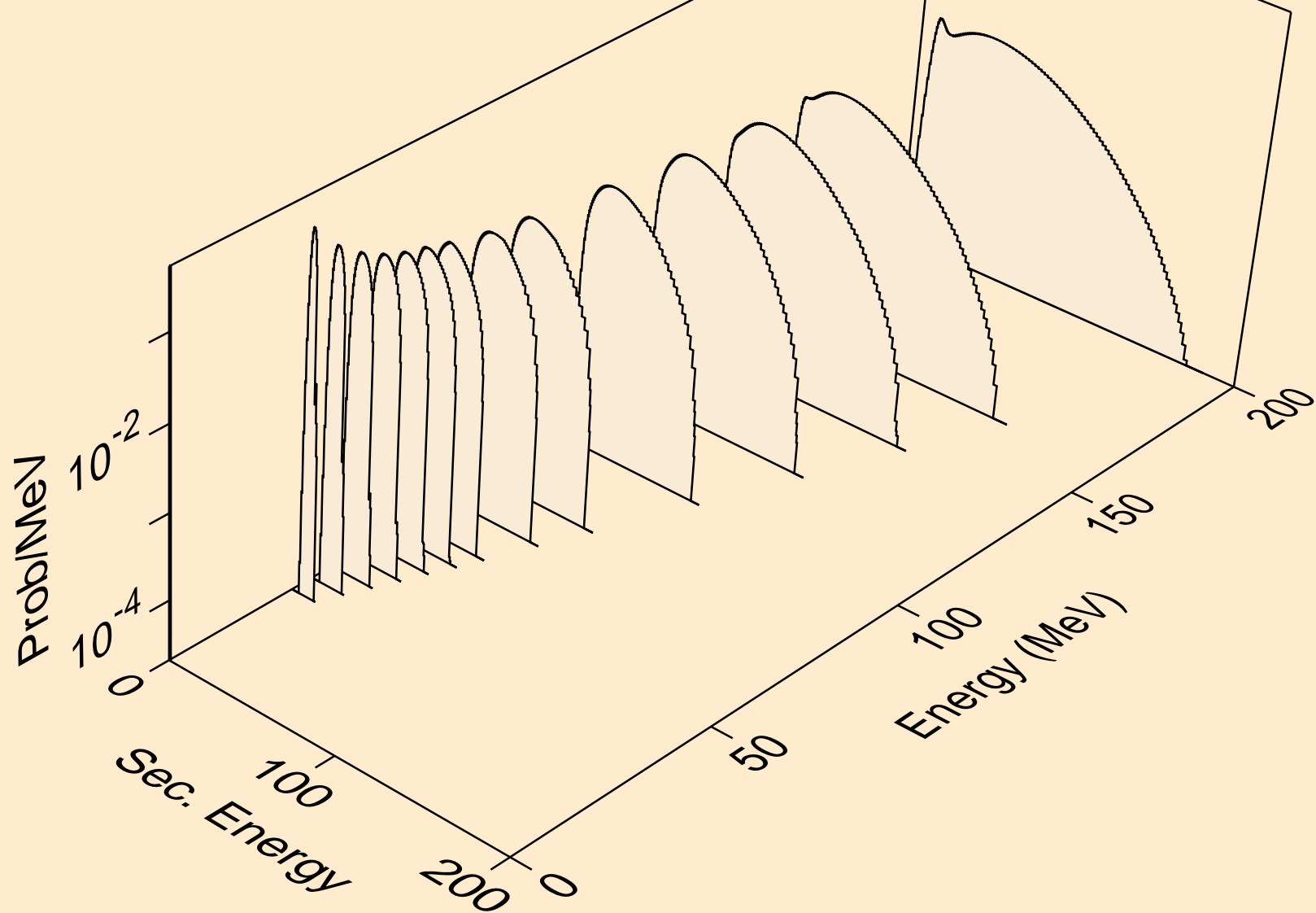
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deuterons from (p,pd)



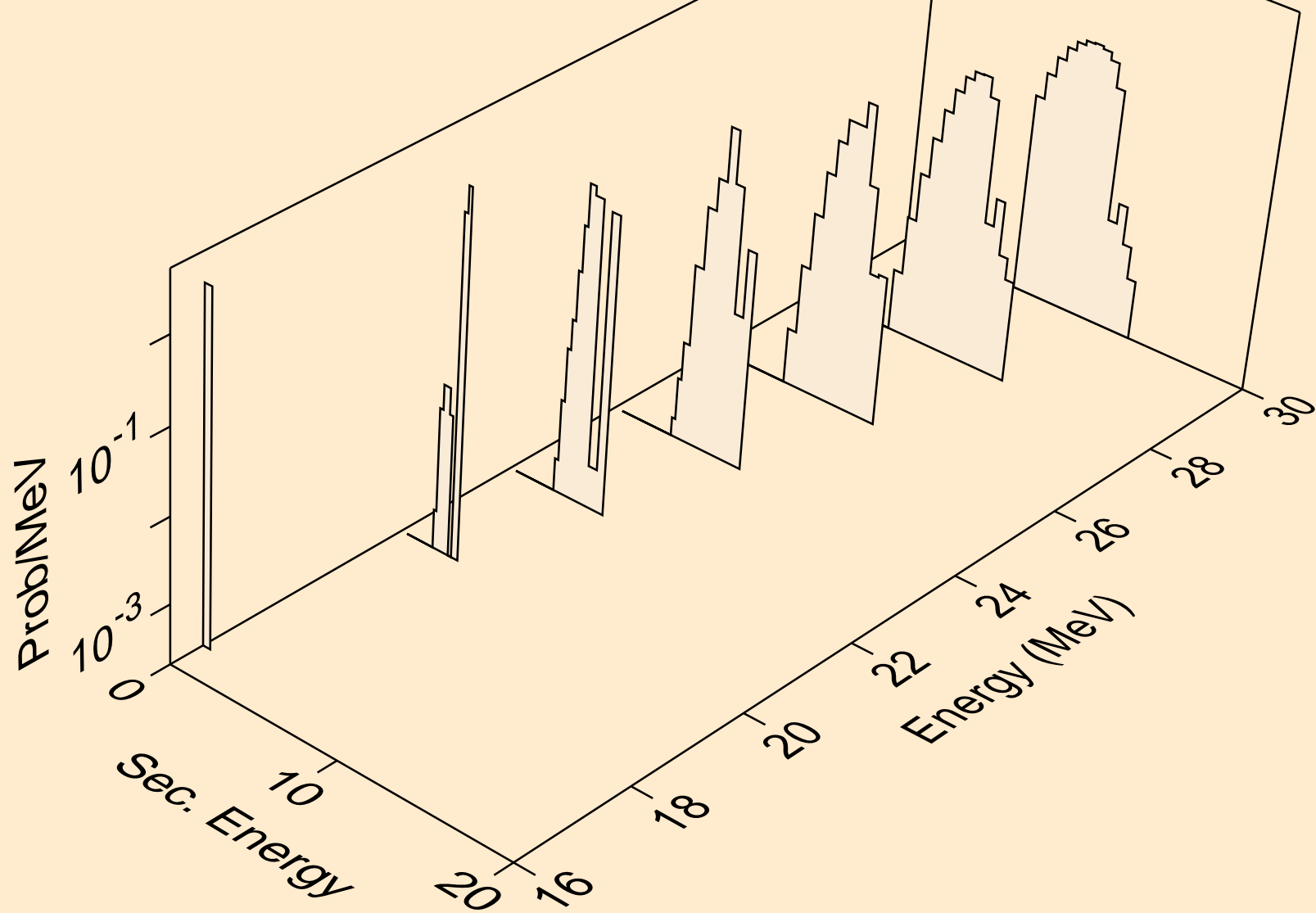
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

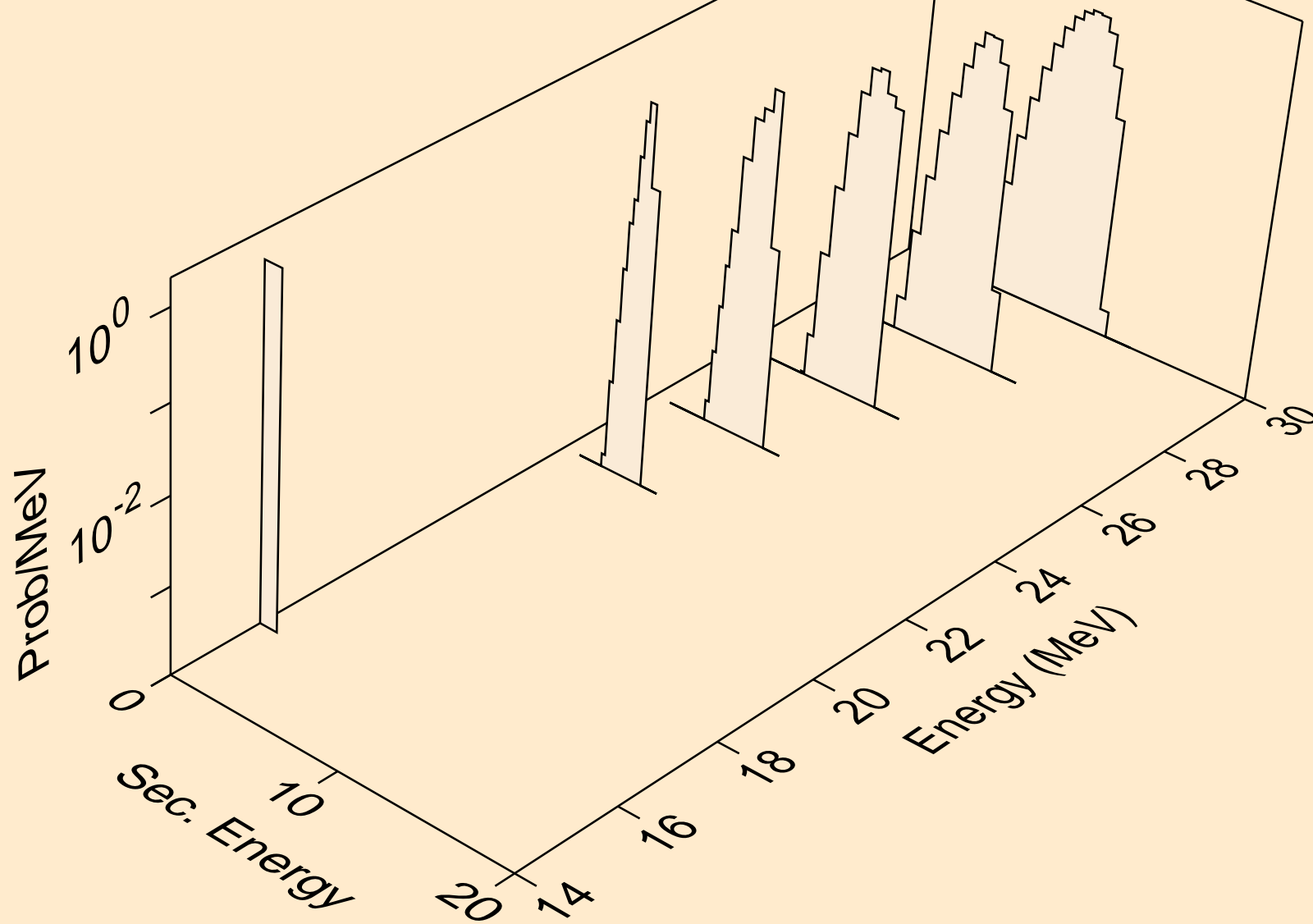


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

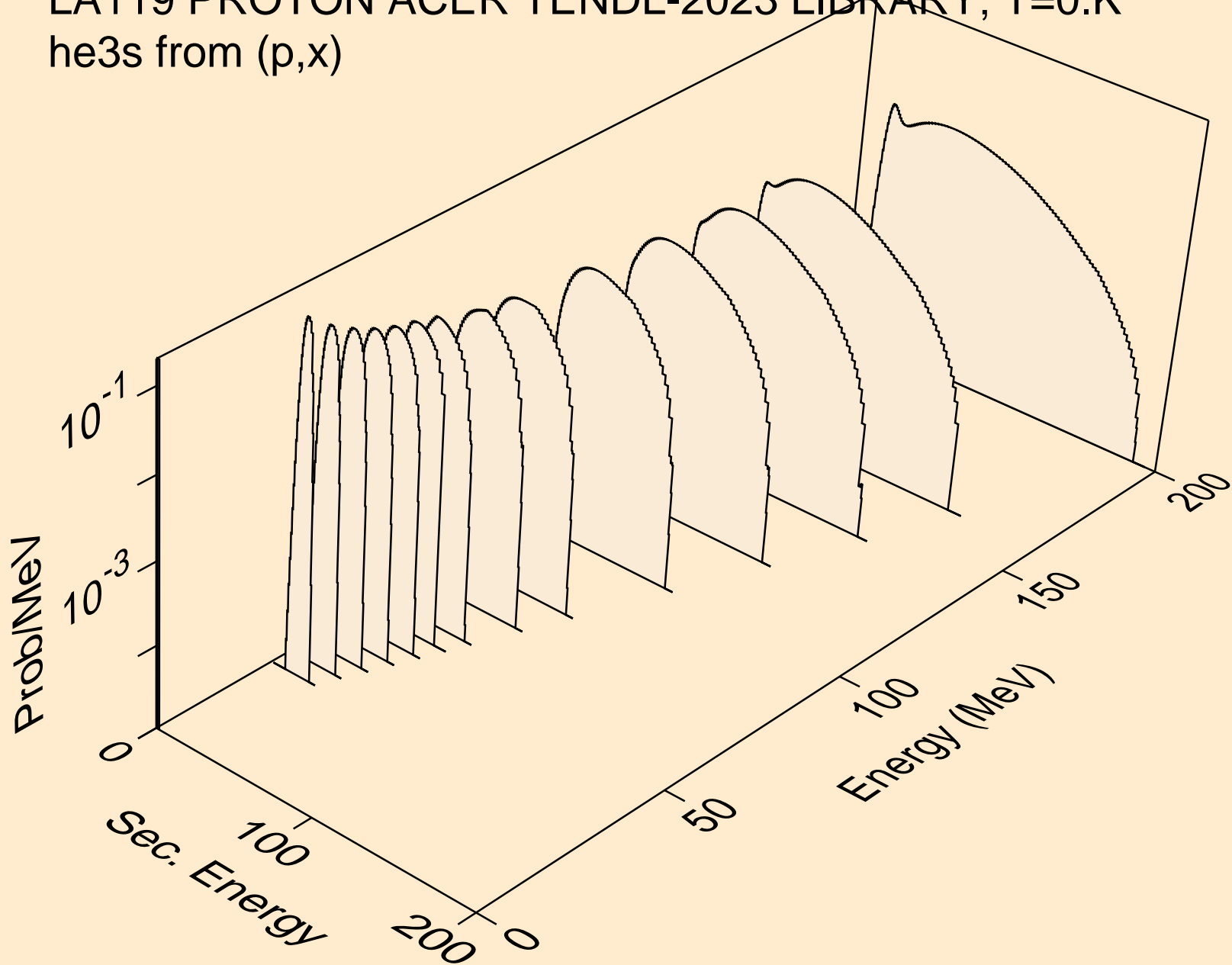




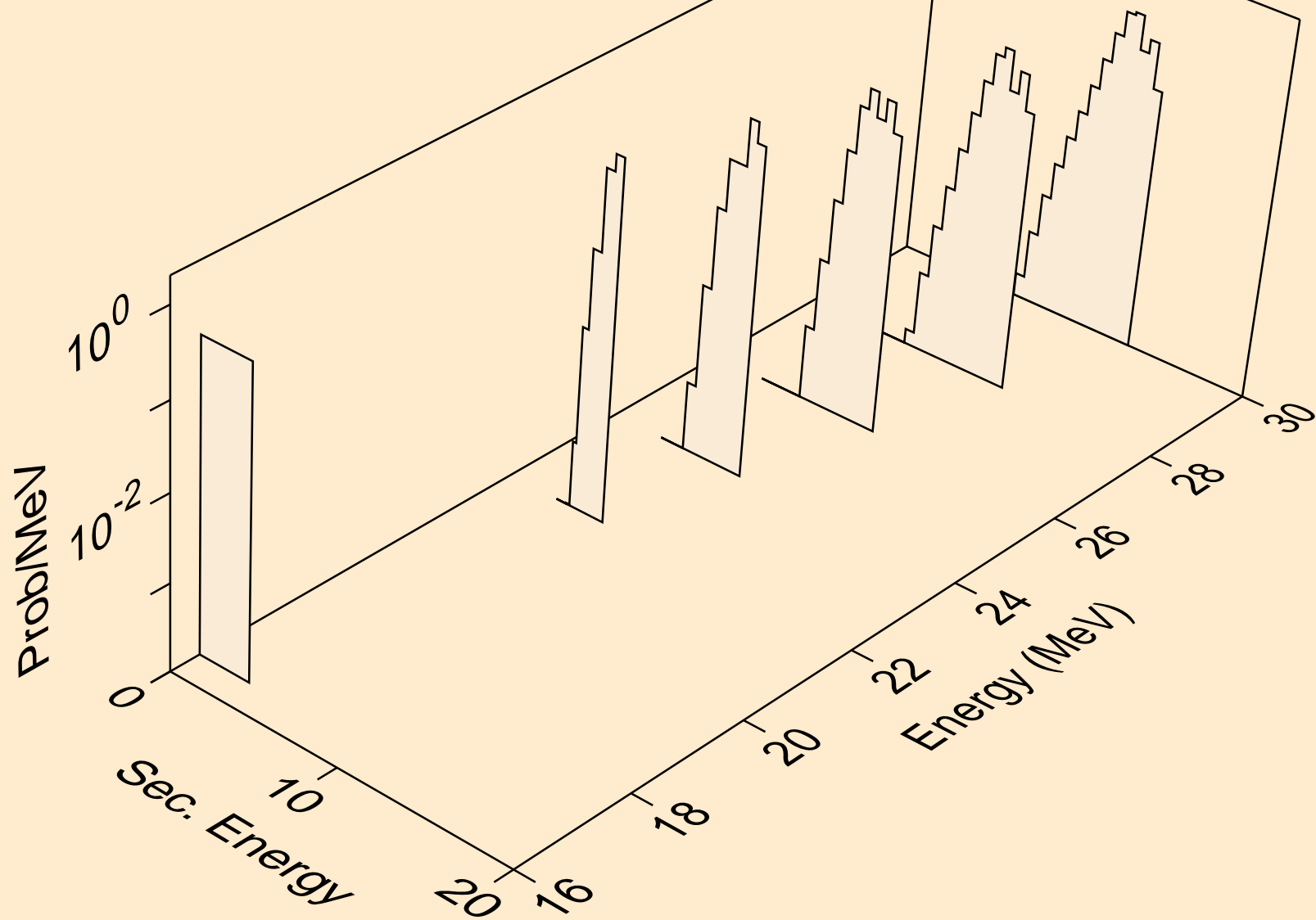
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



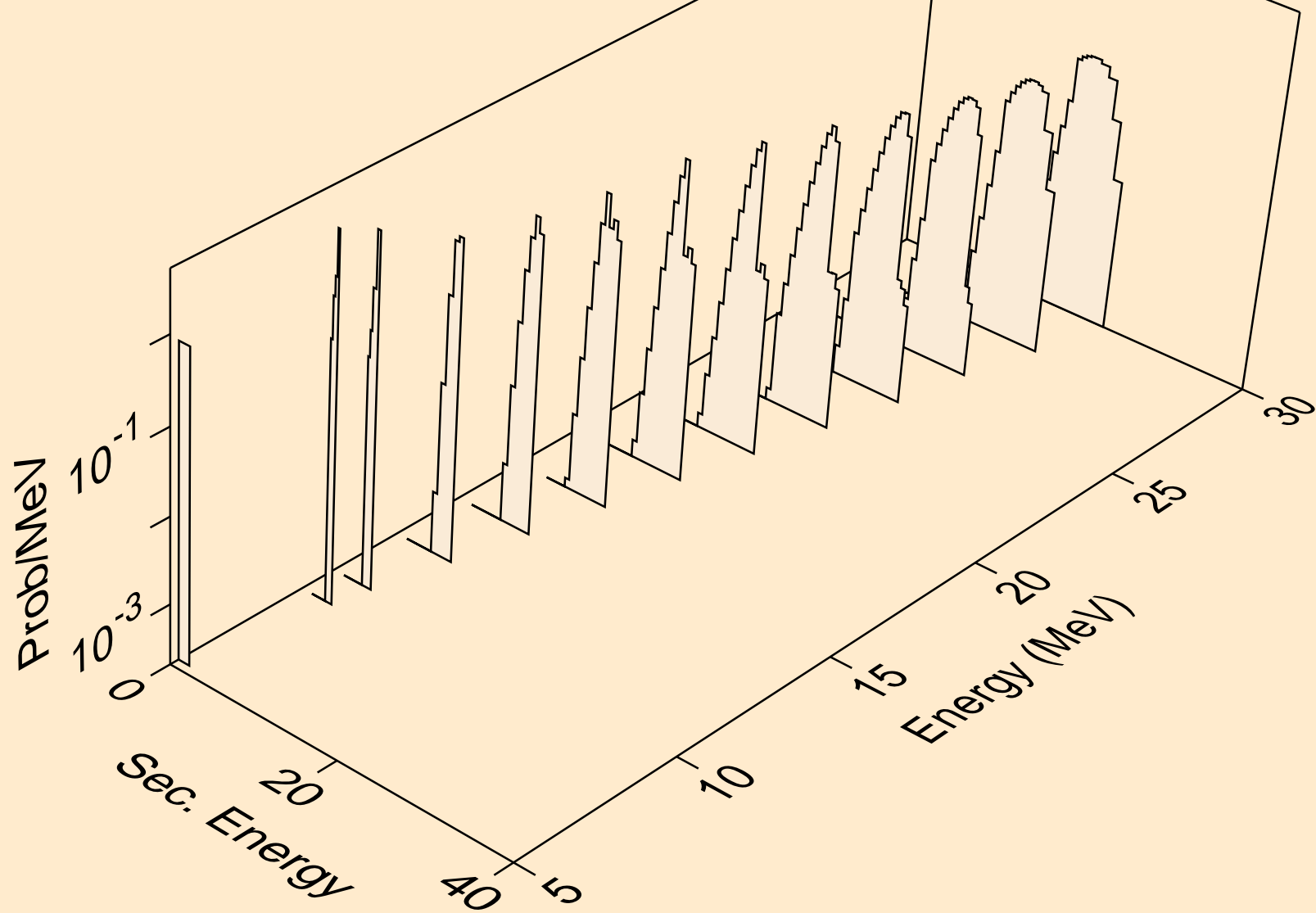
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



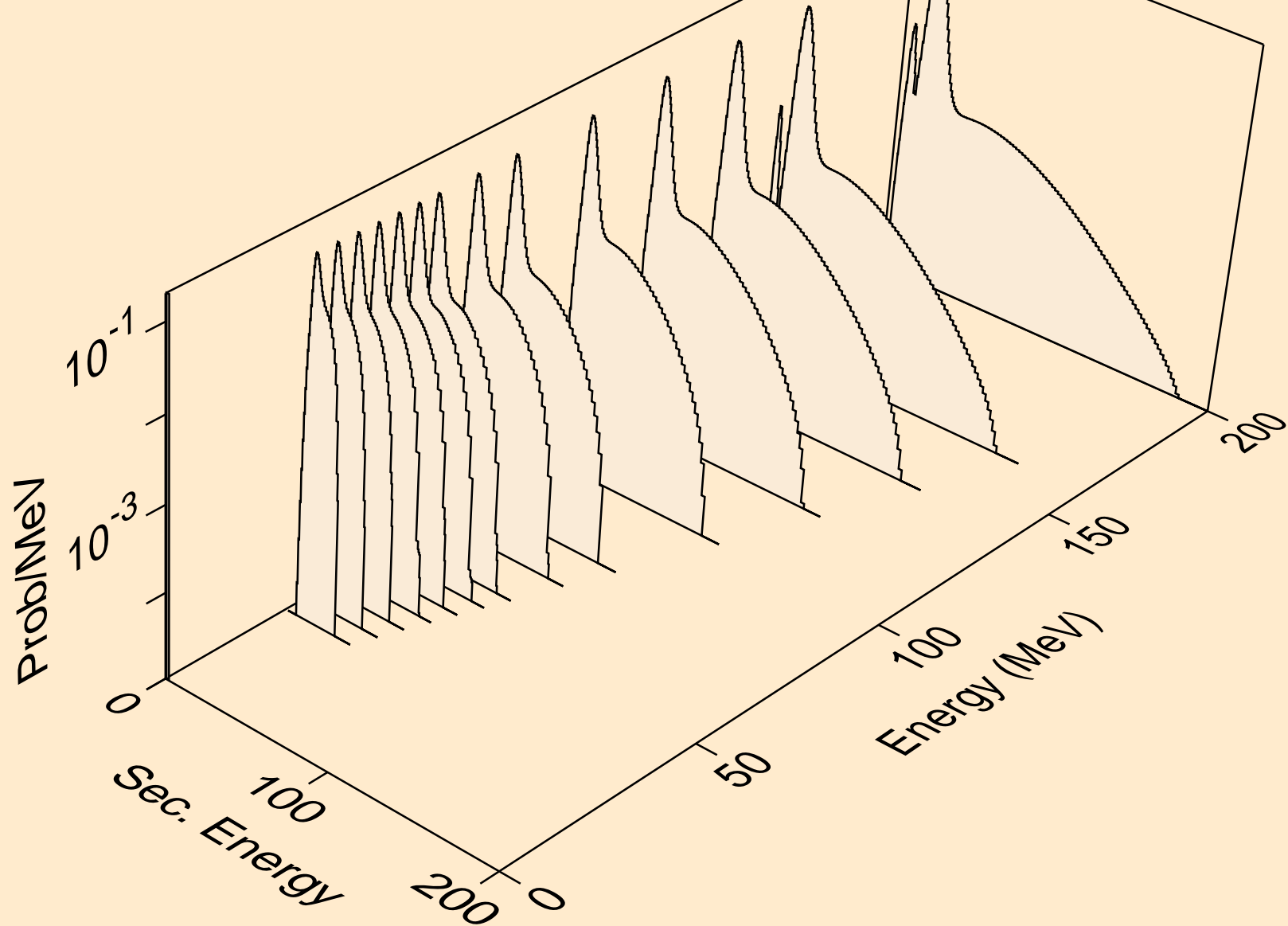
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



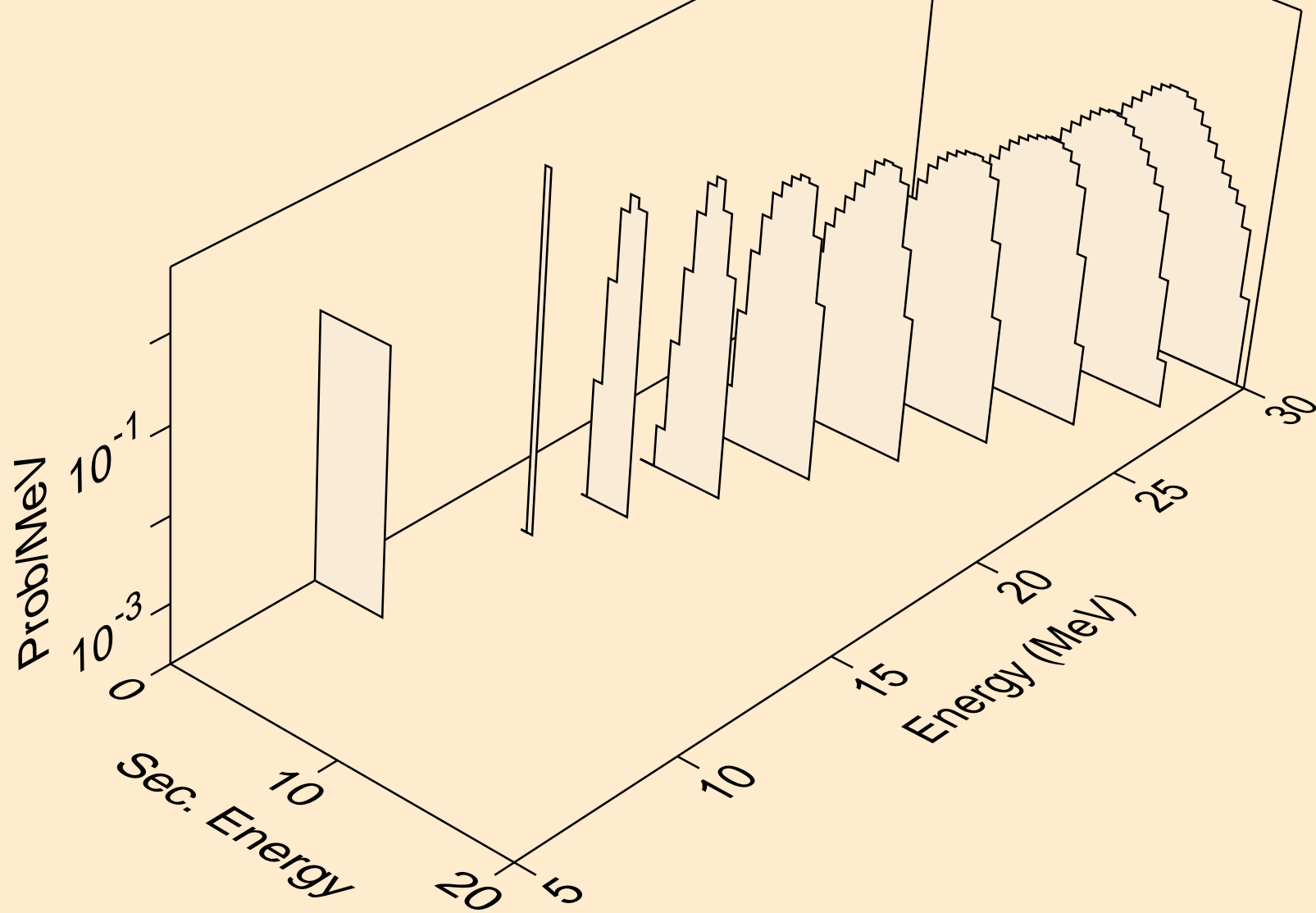
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



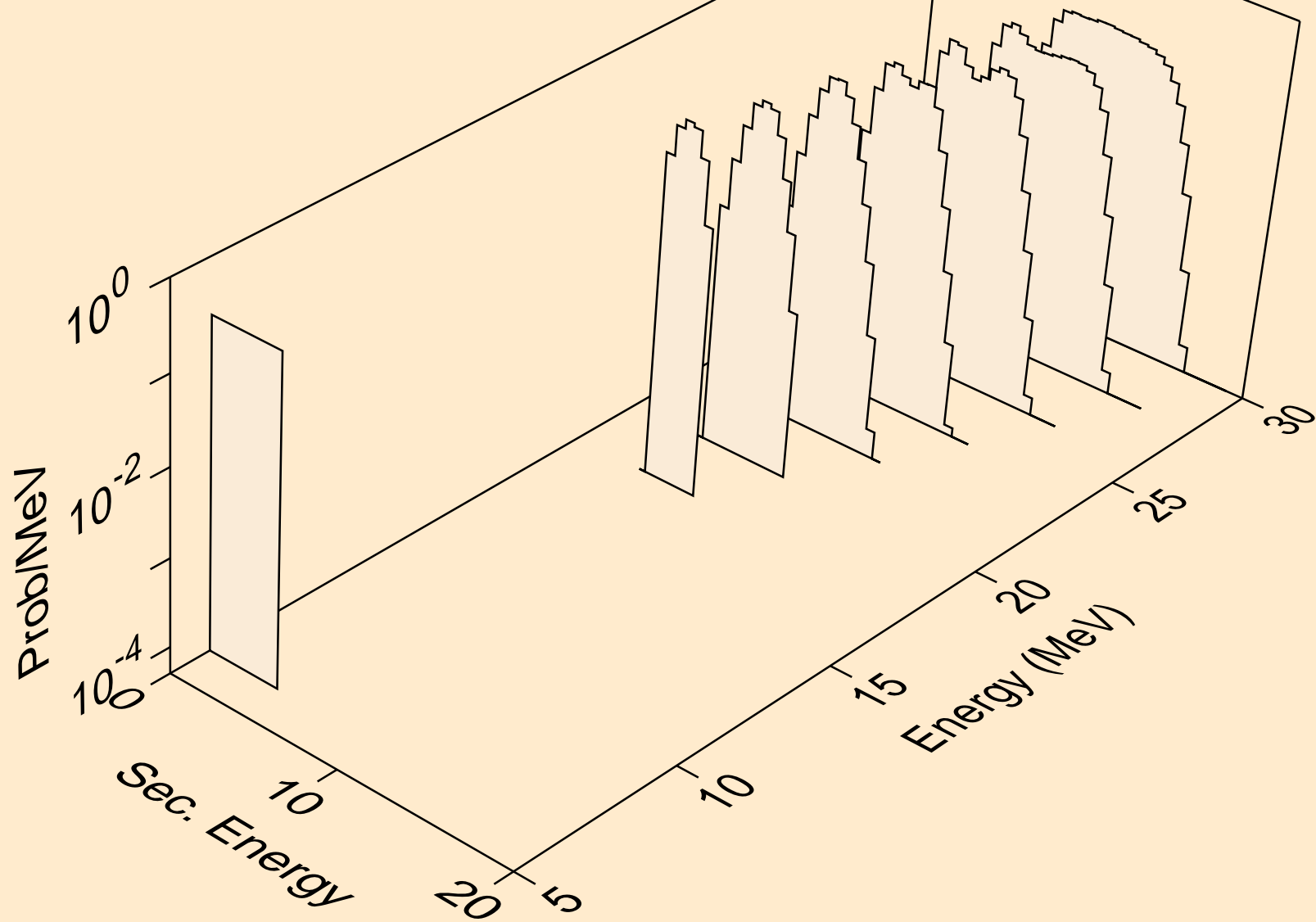
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



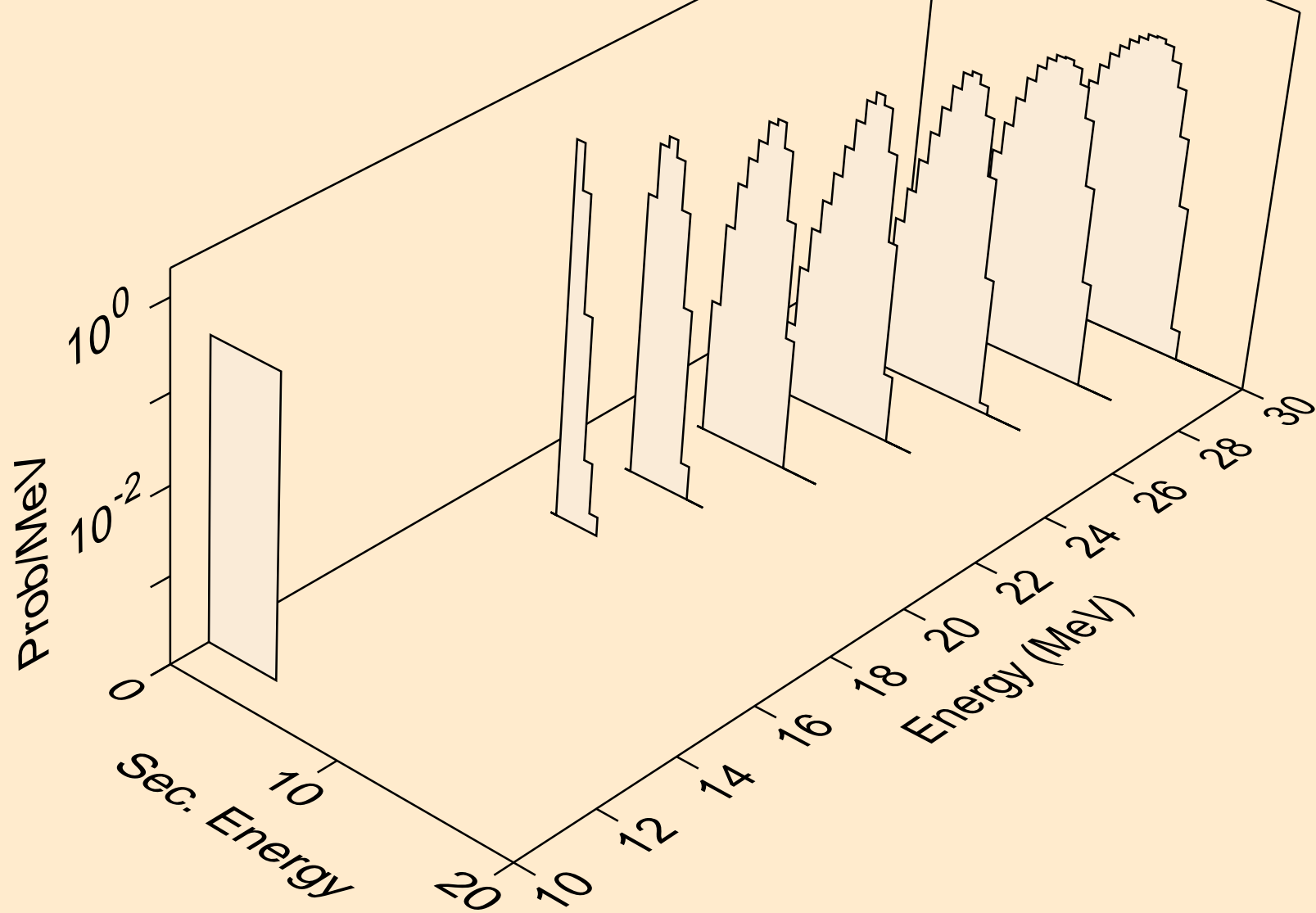
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

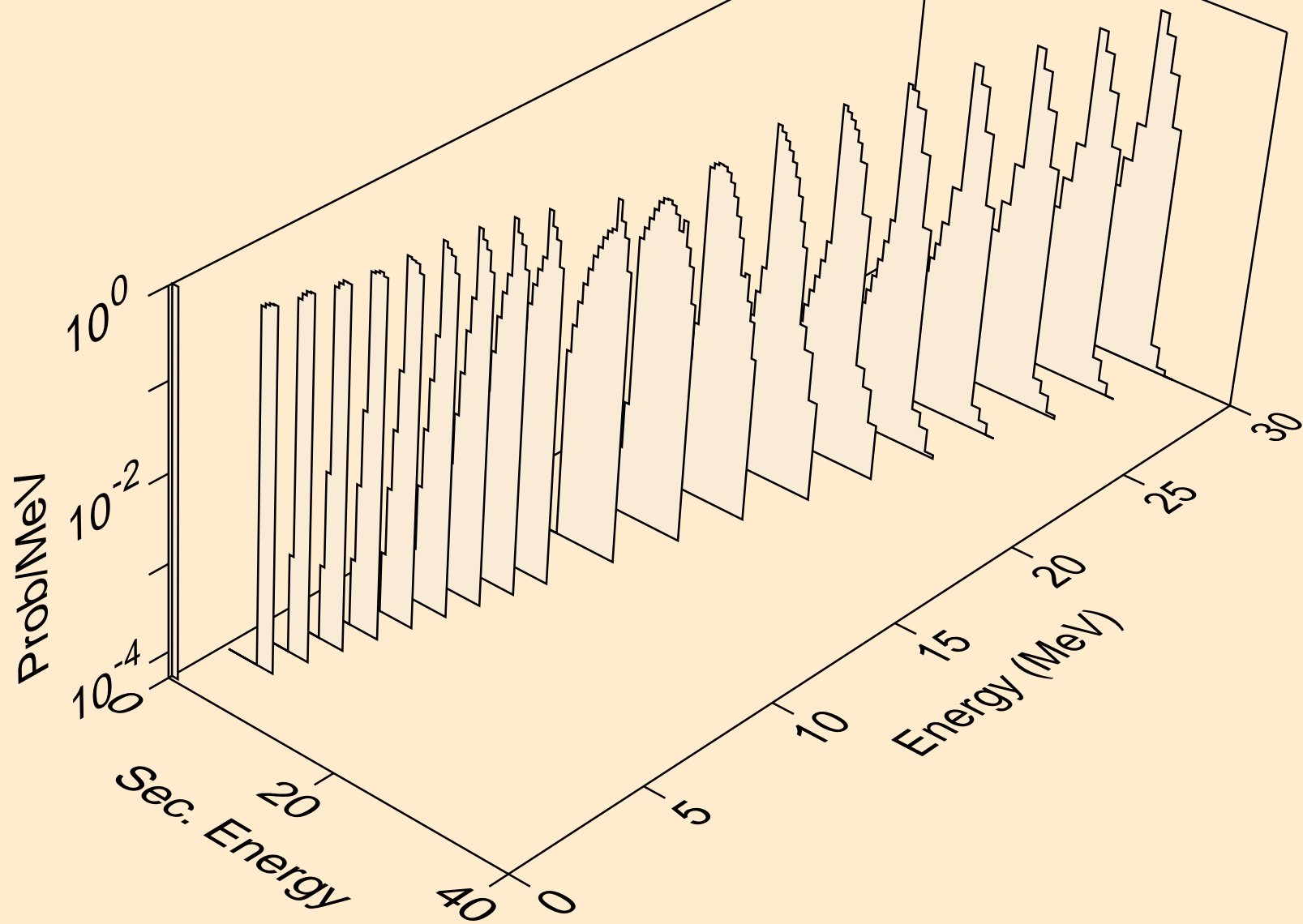


LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

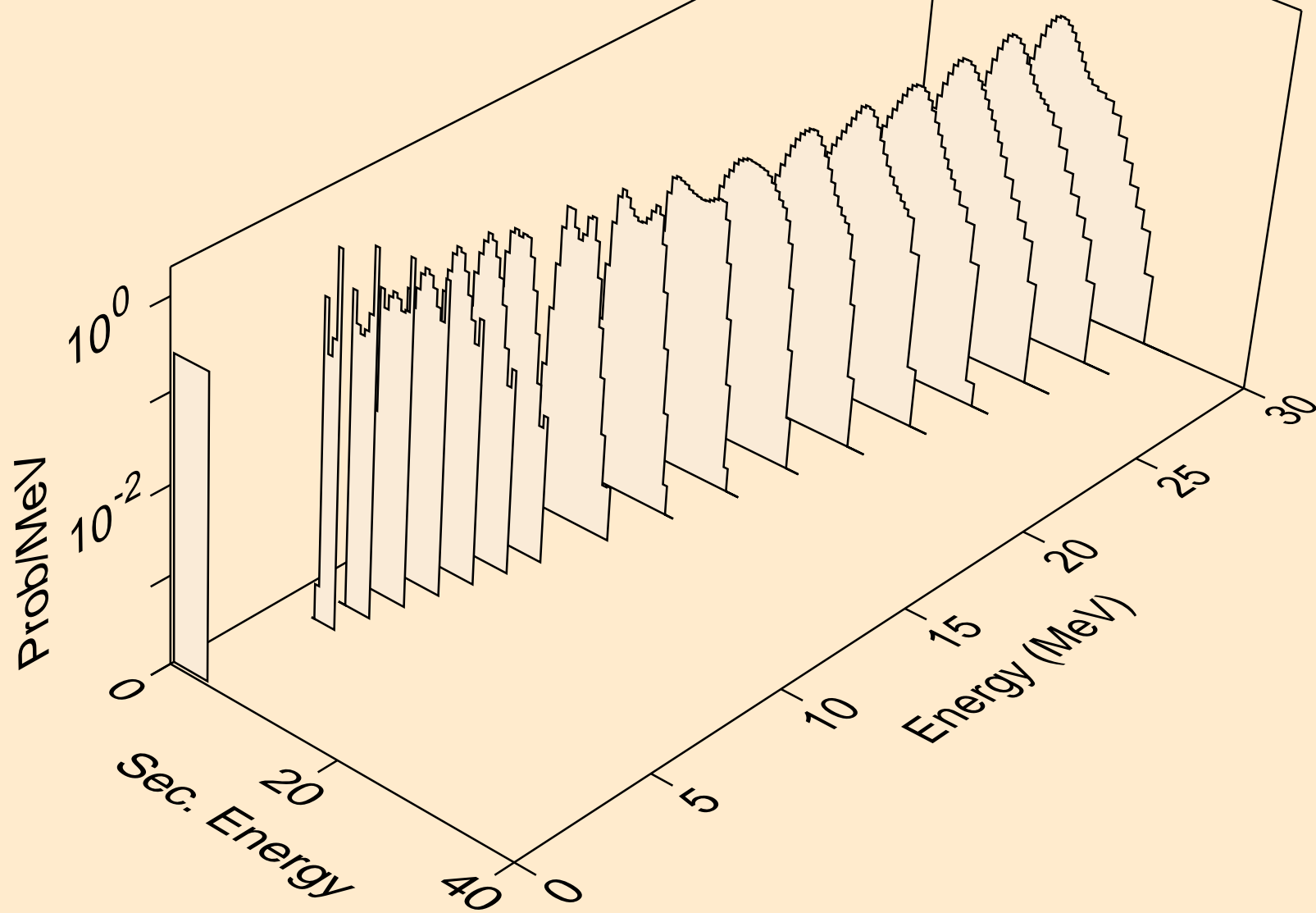




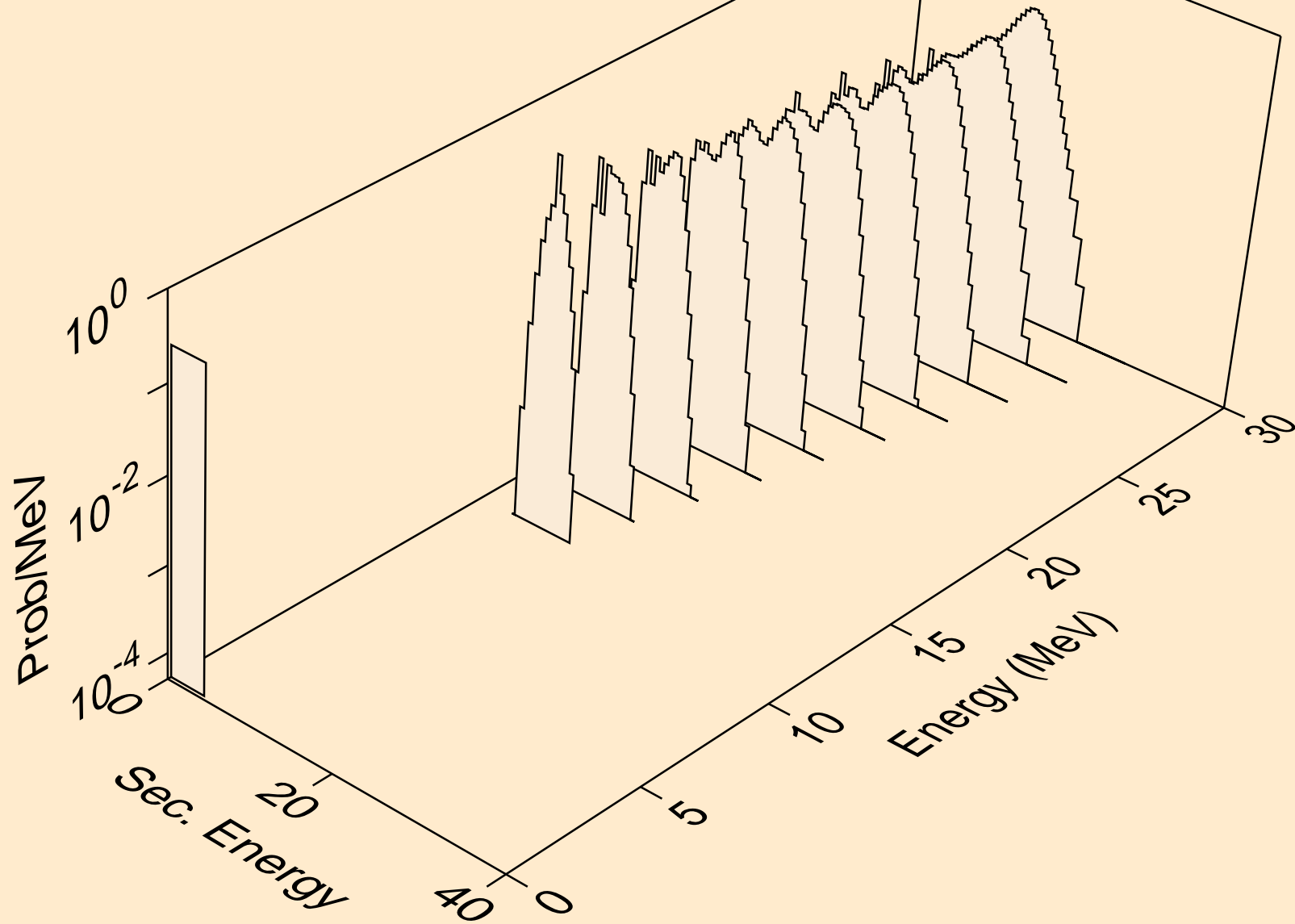
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



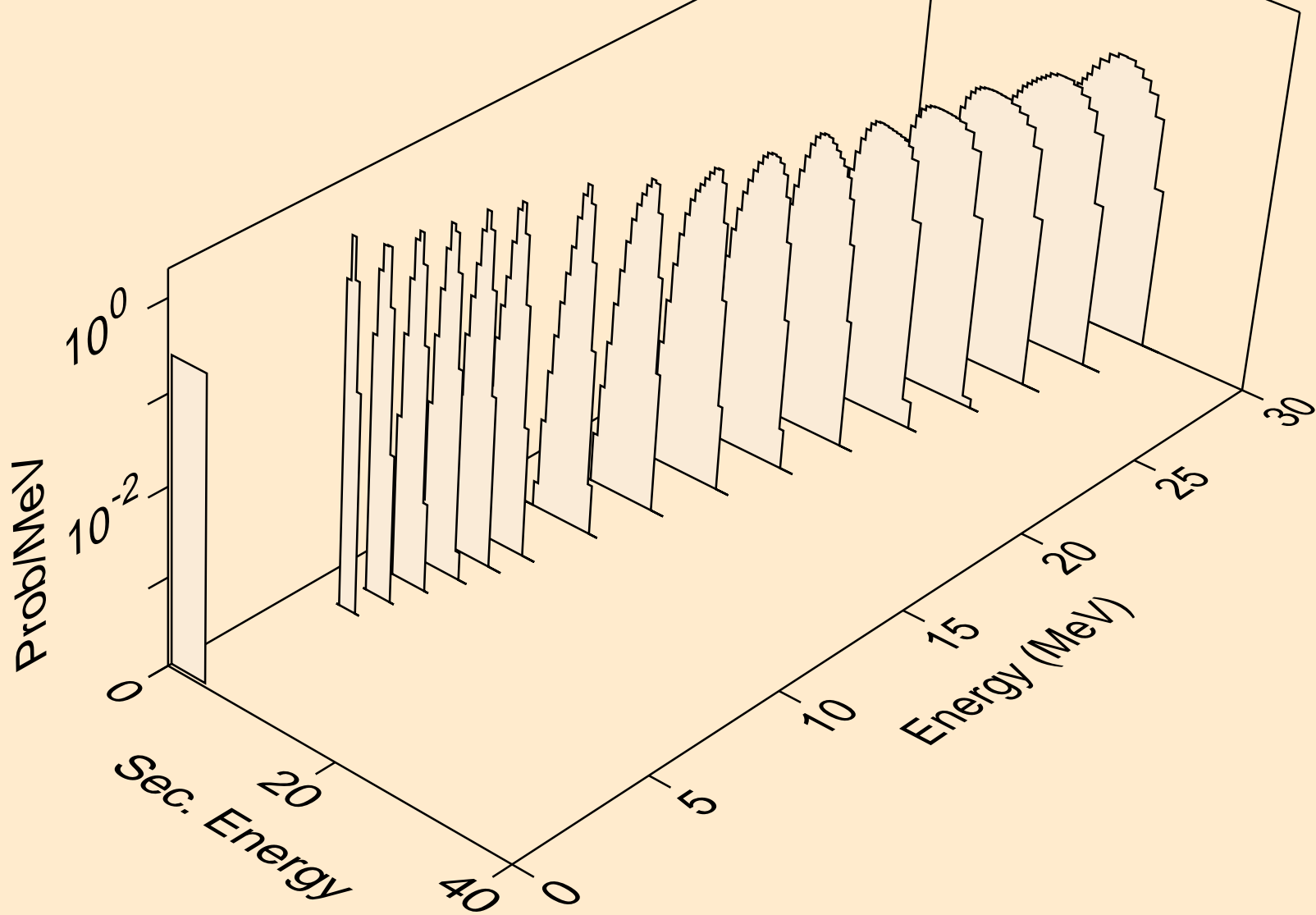
LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



LA119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

