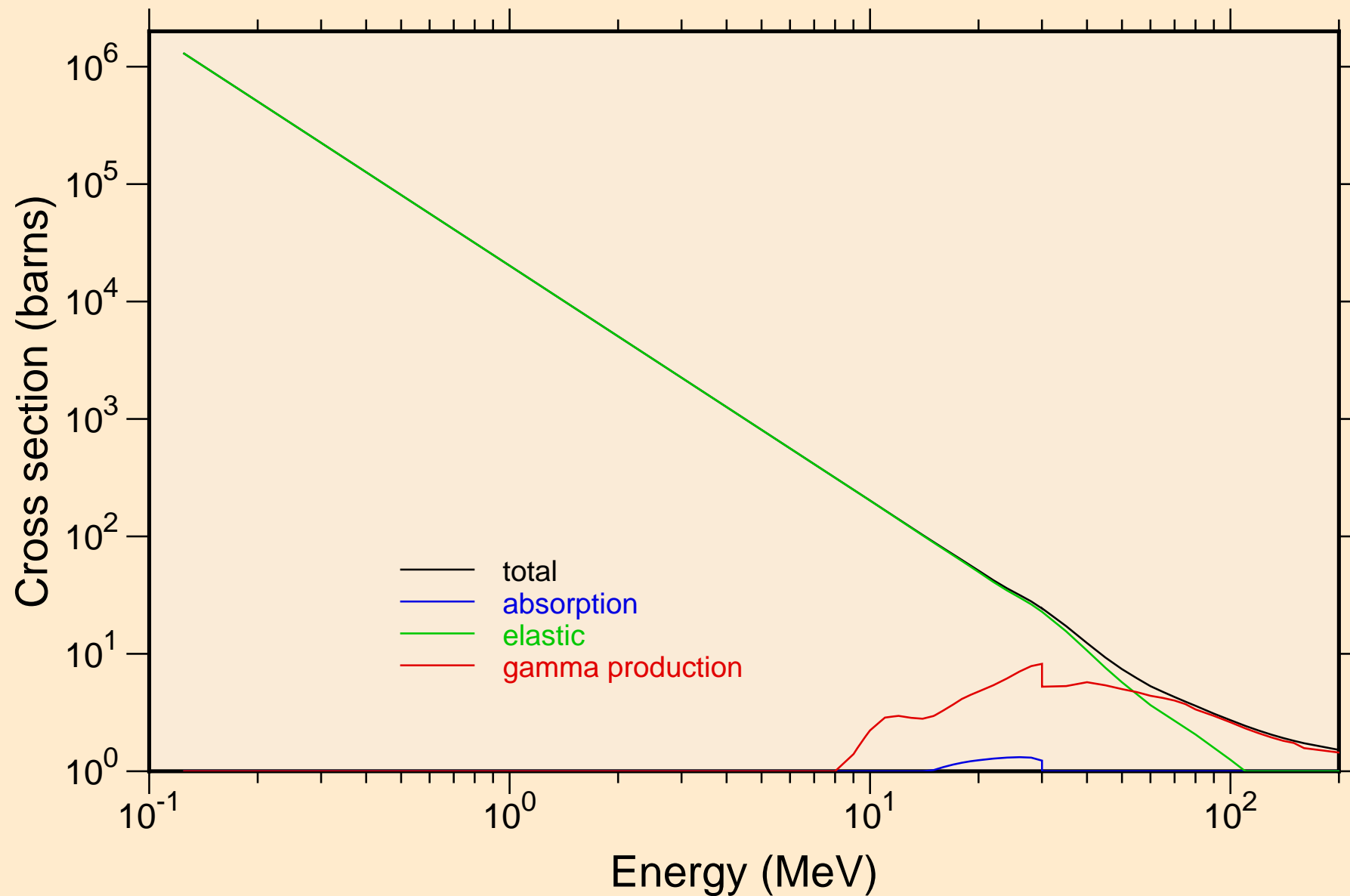


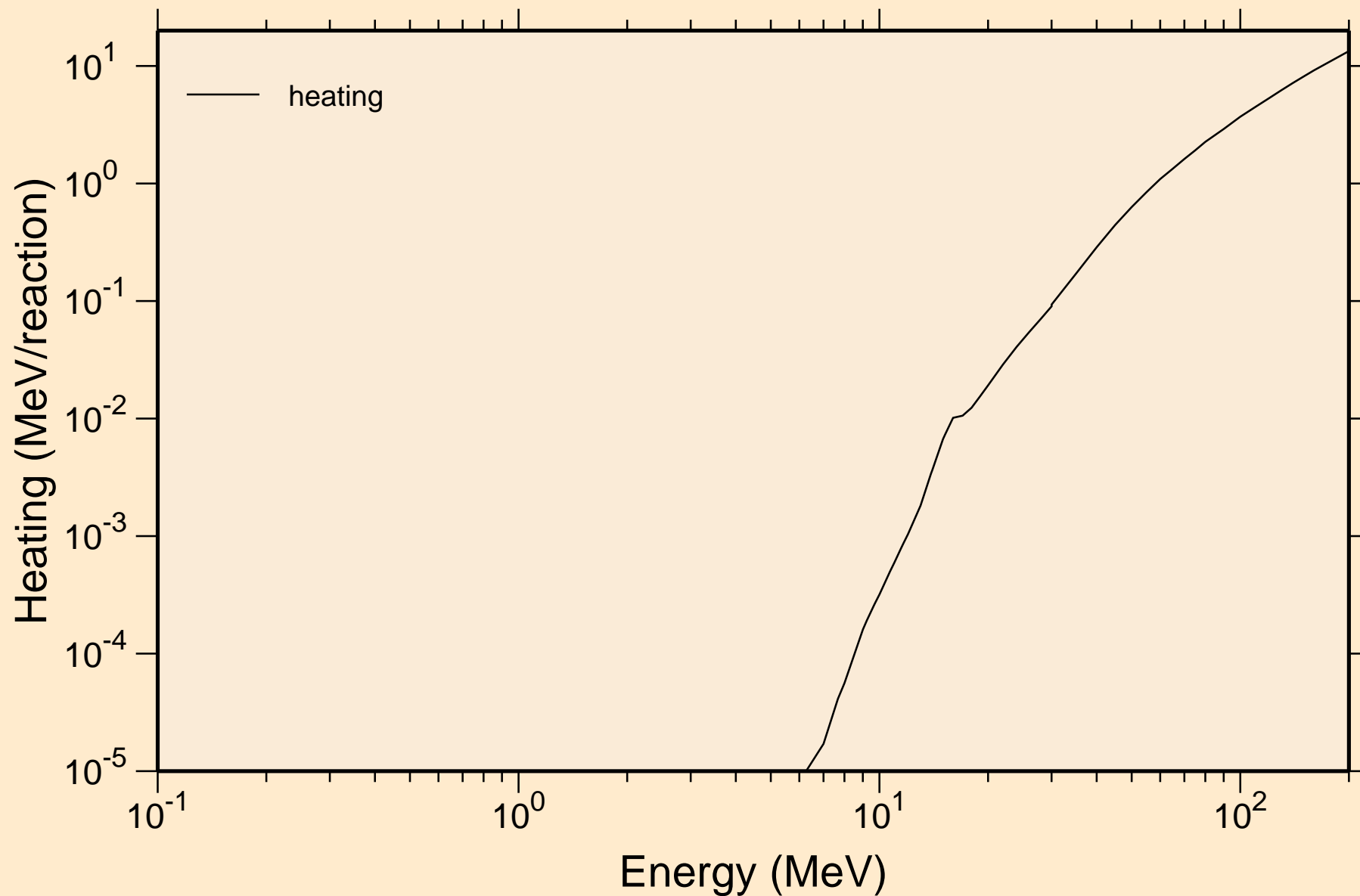
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



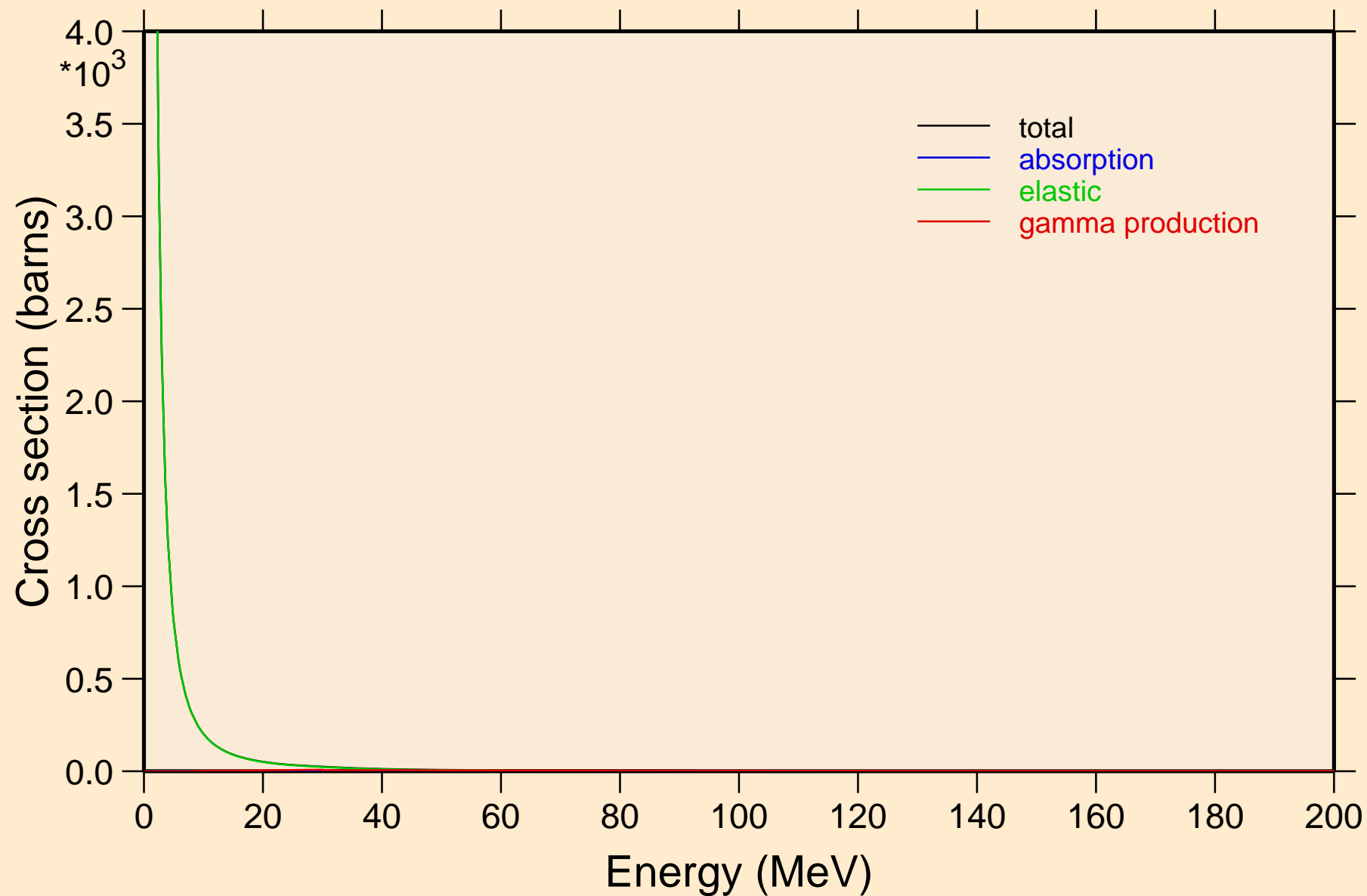
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



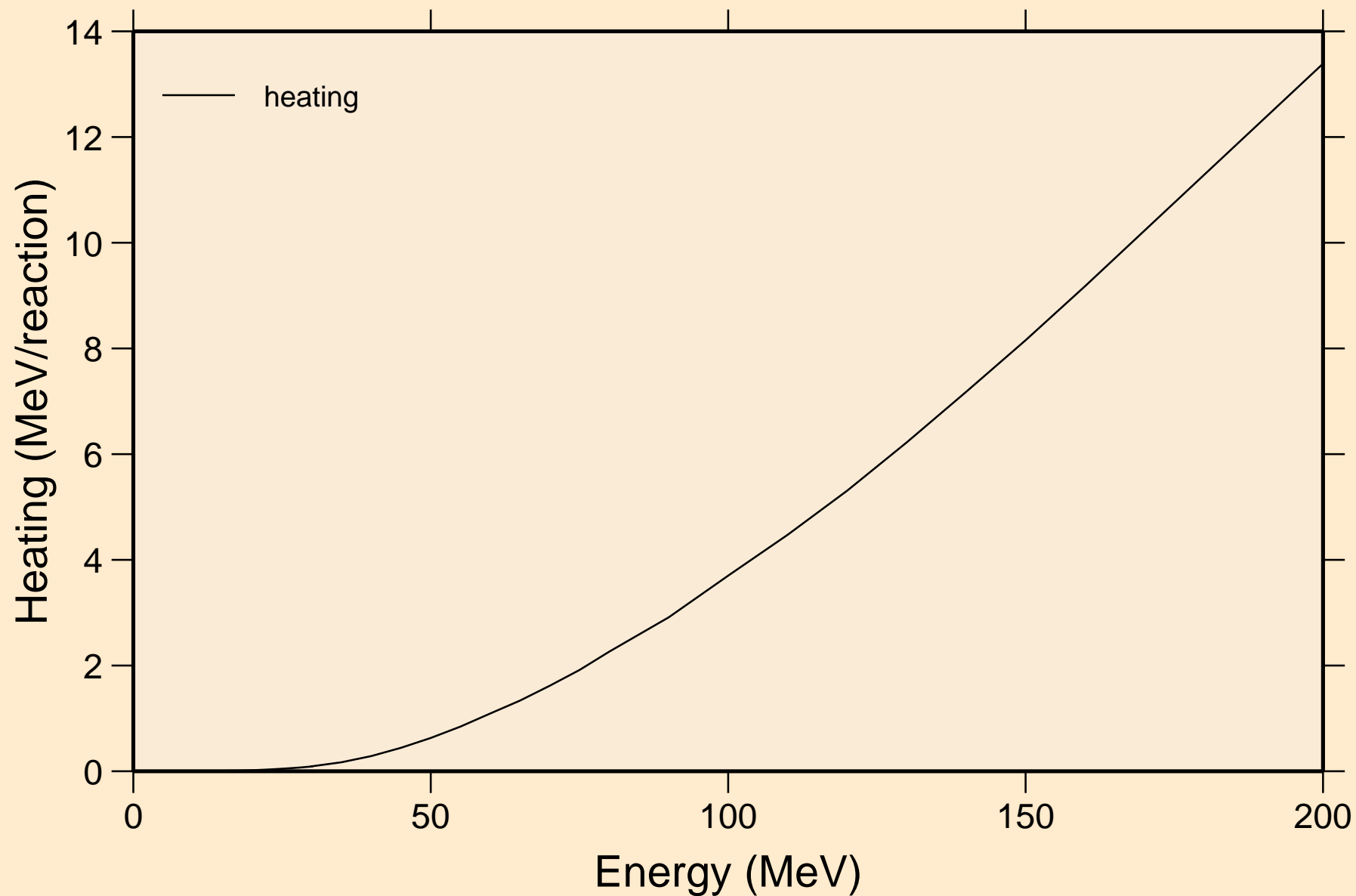
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



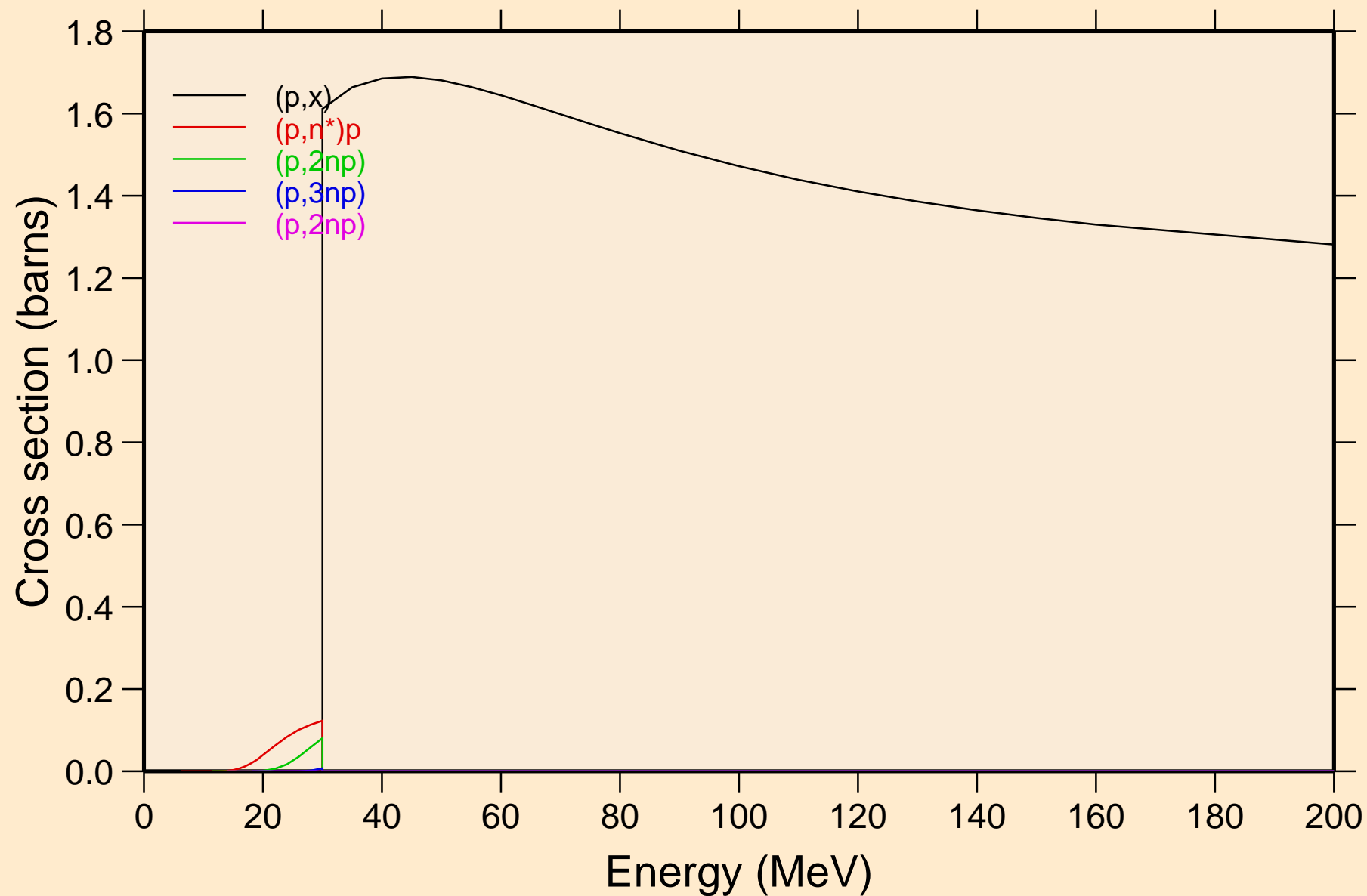
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



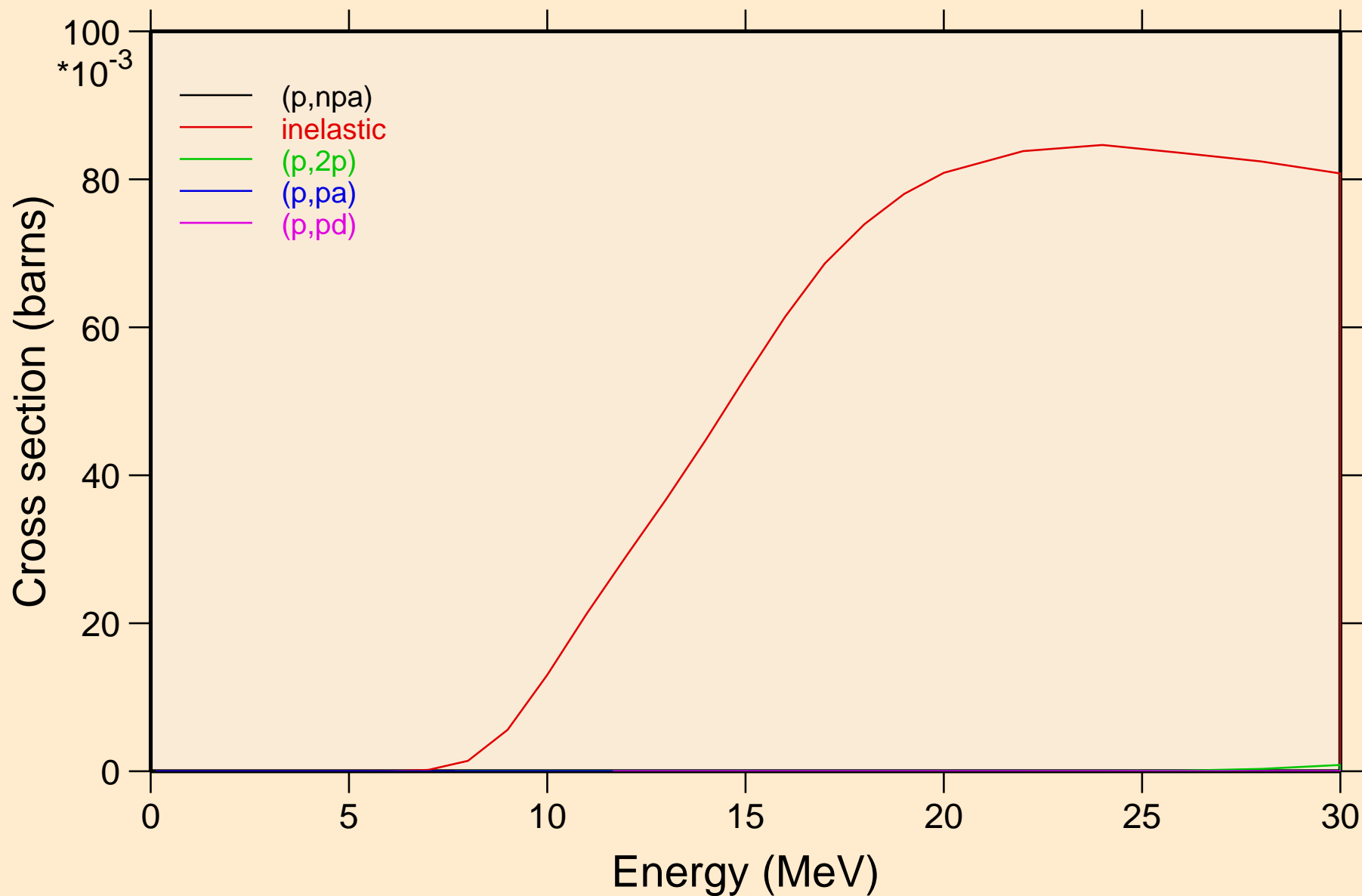
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



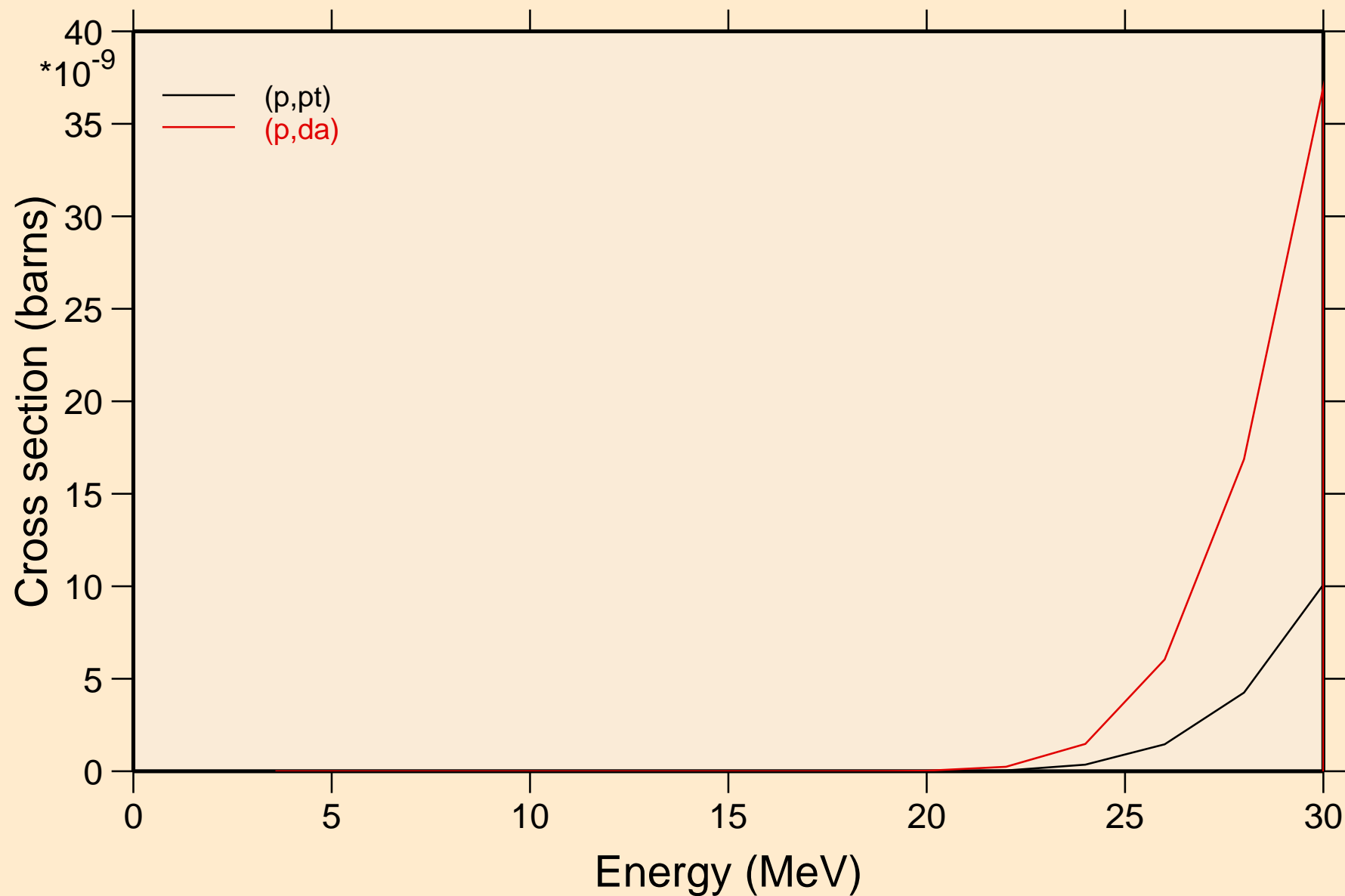
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

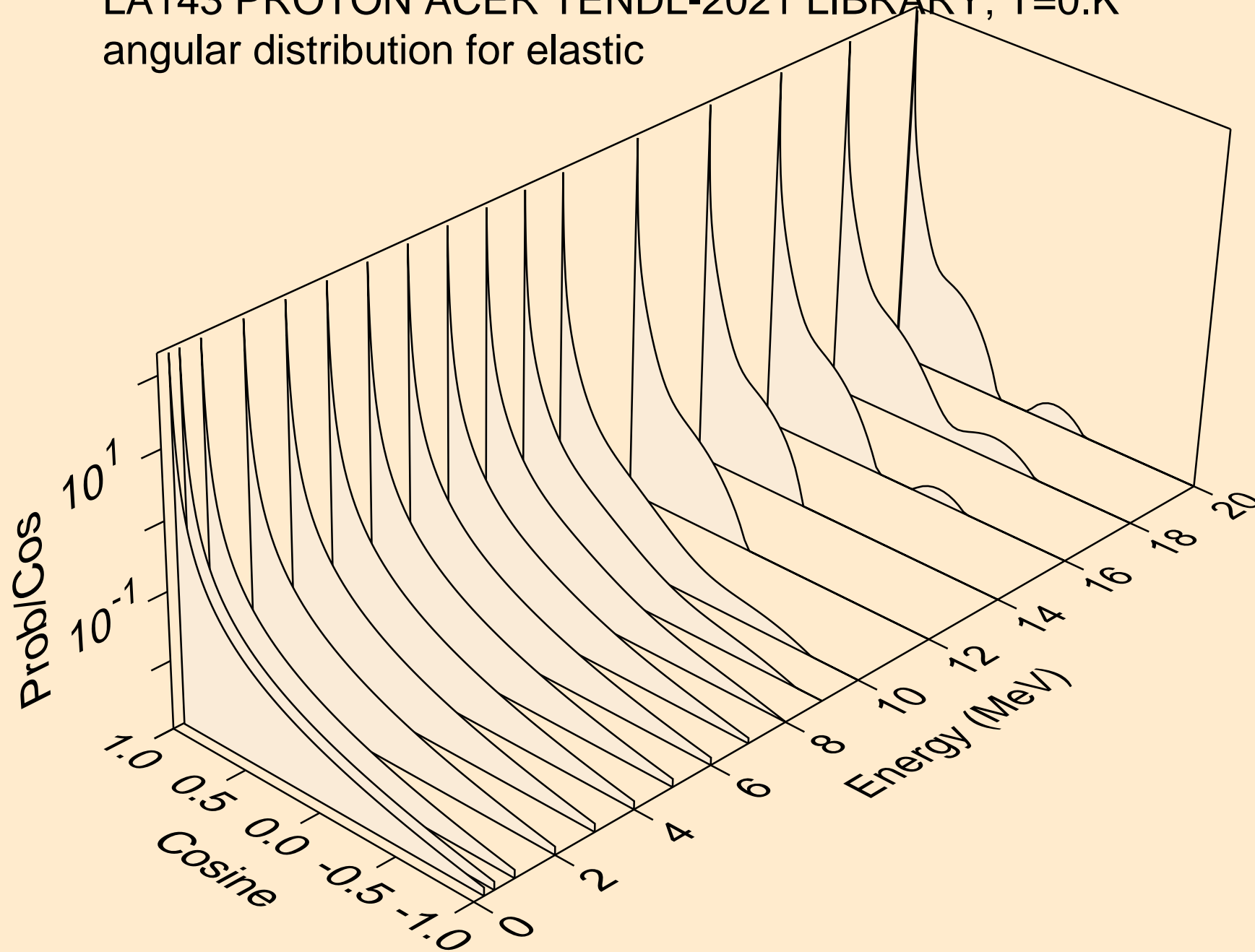


# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

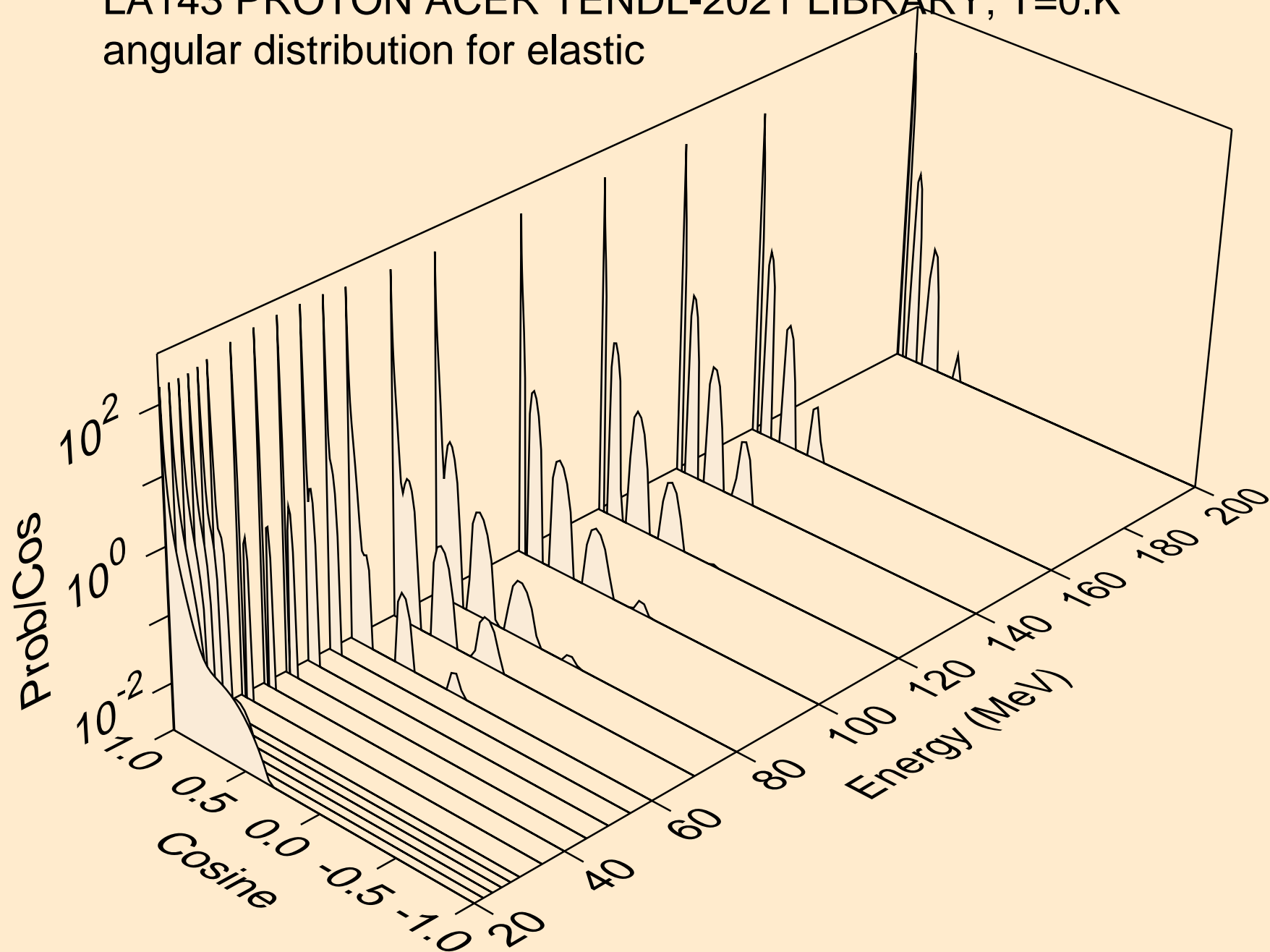


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

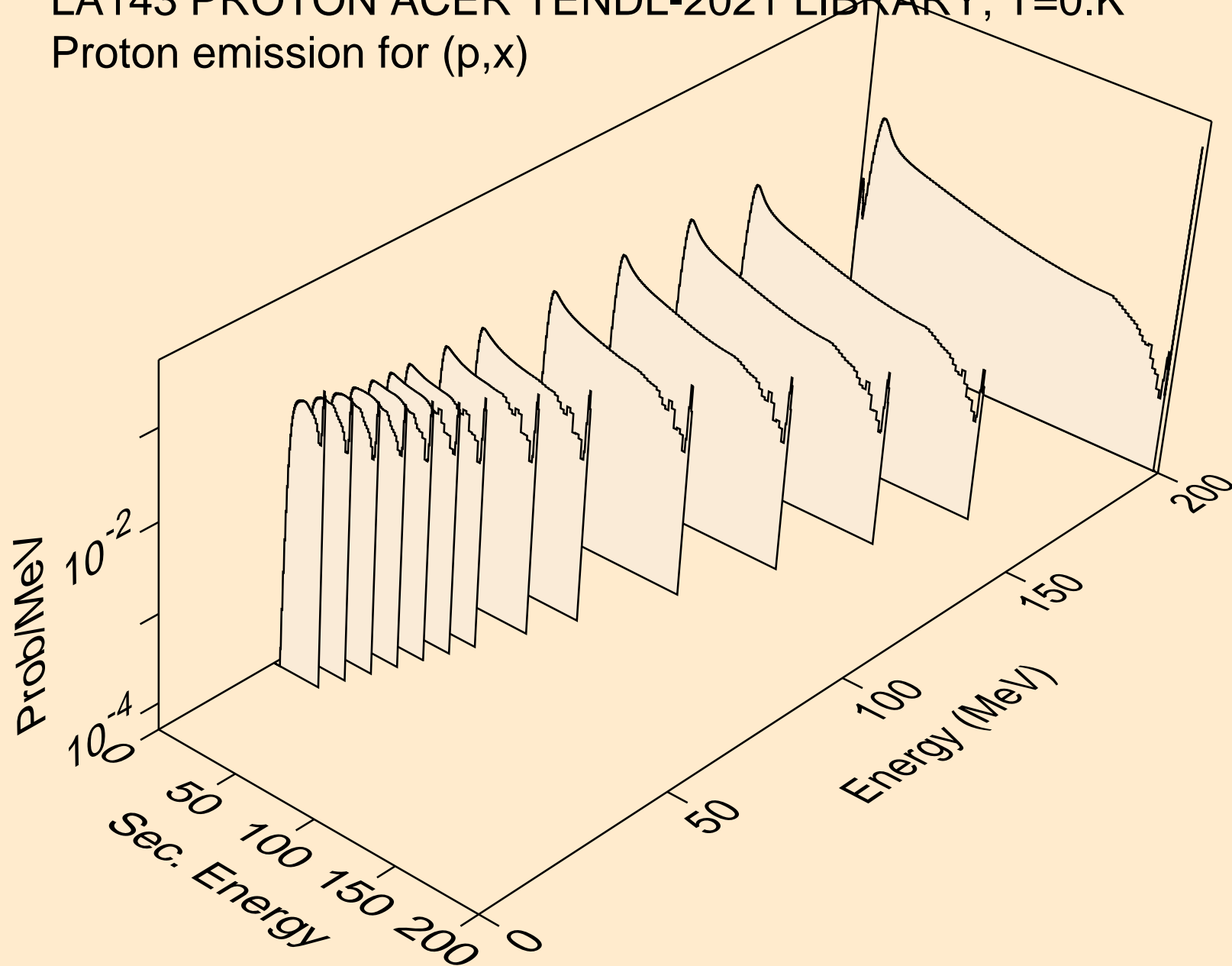




LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

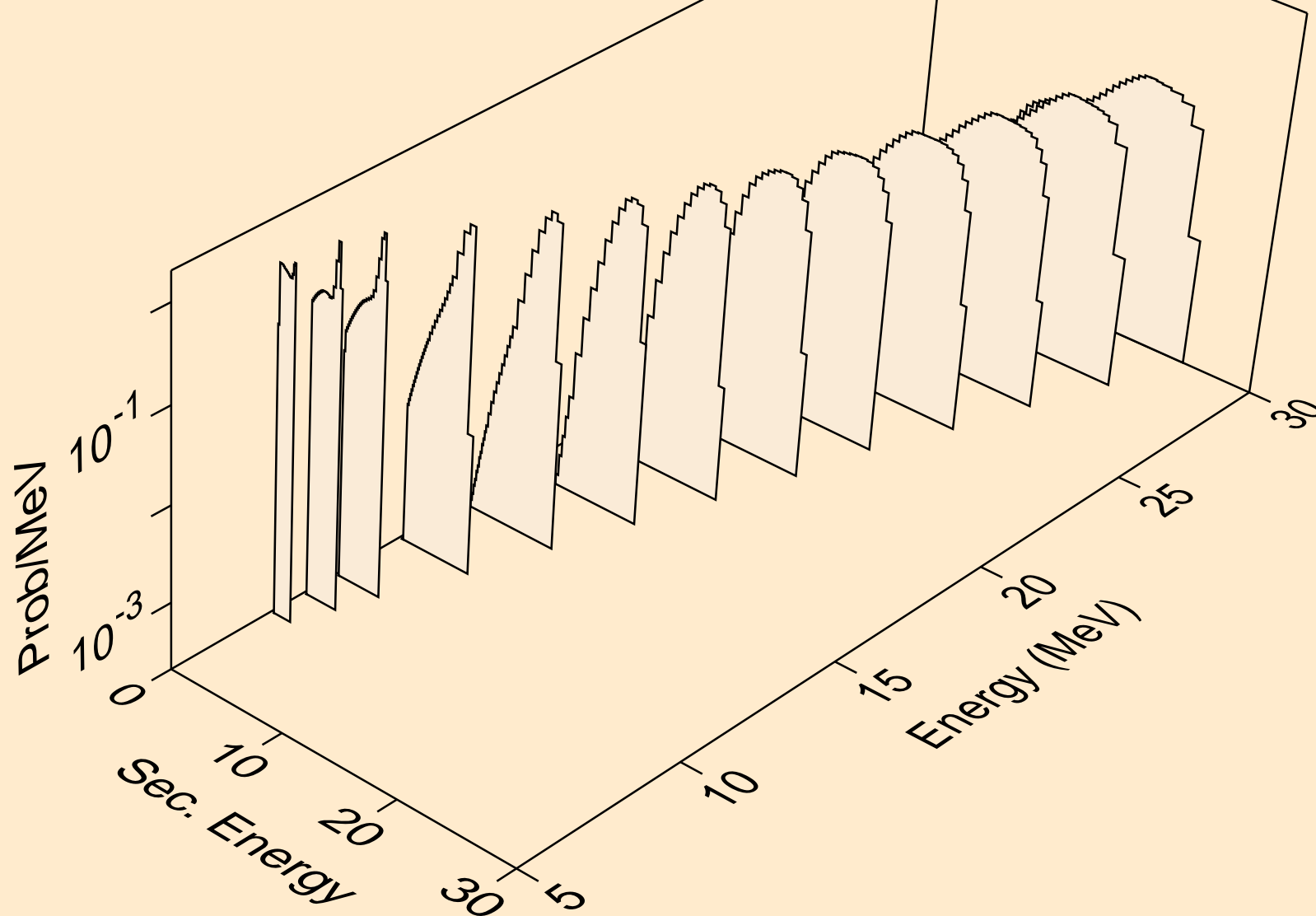


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)

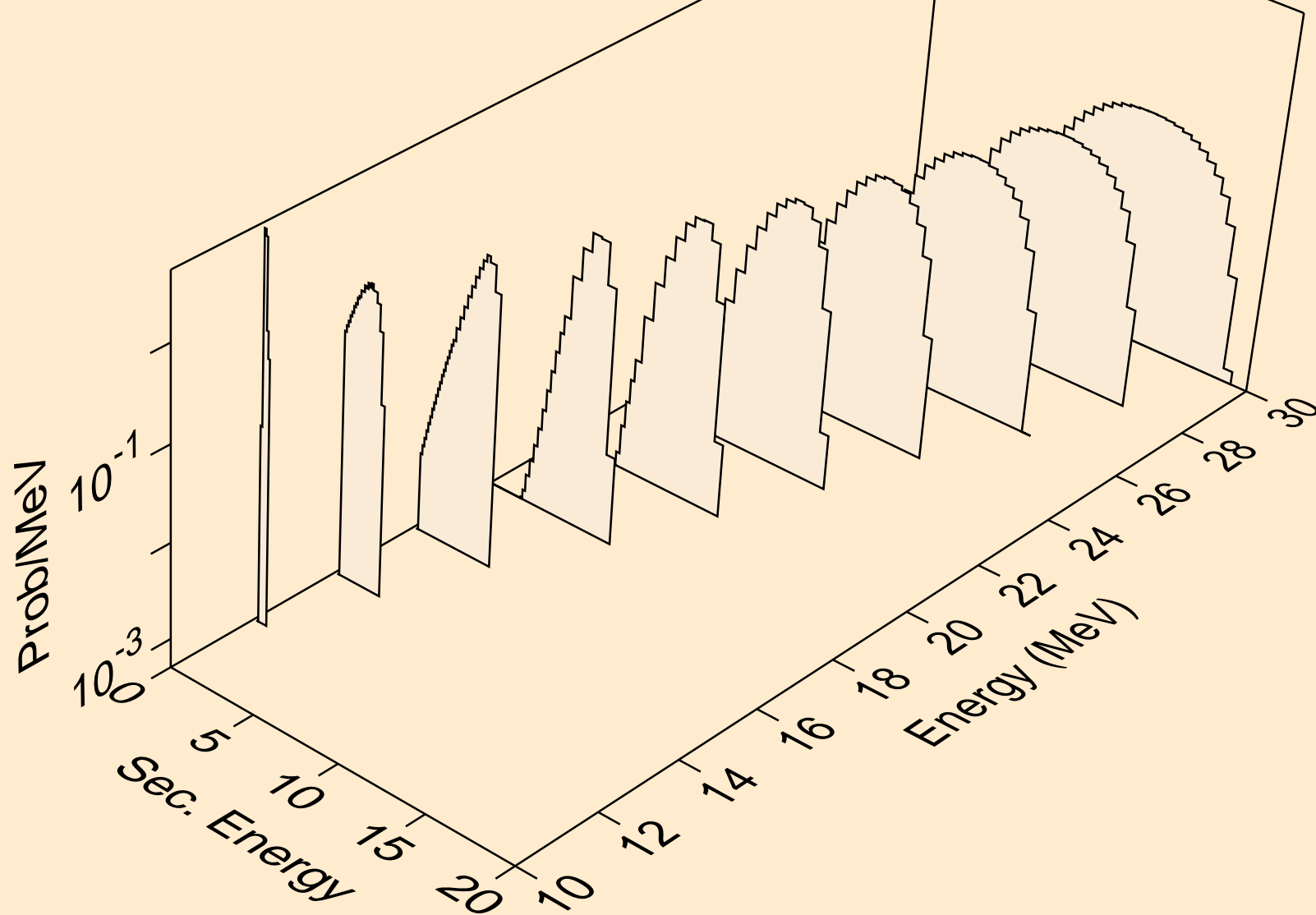


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

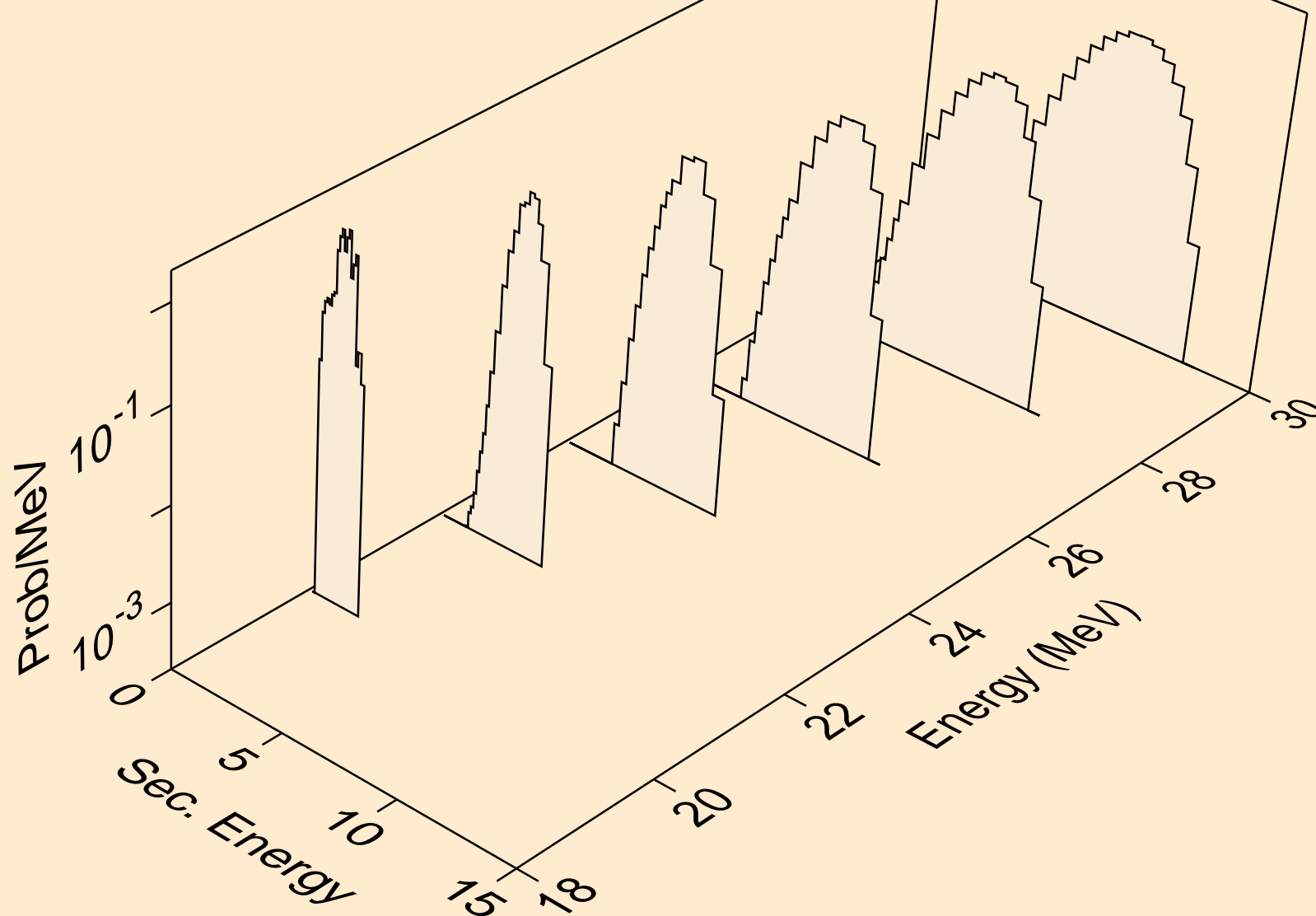
Proton emission for  $(p,n^*)p$



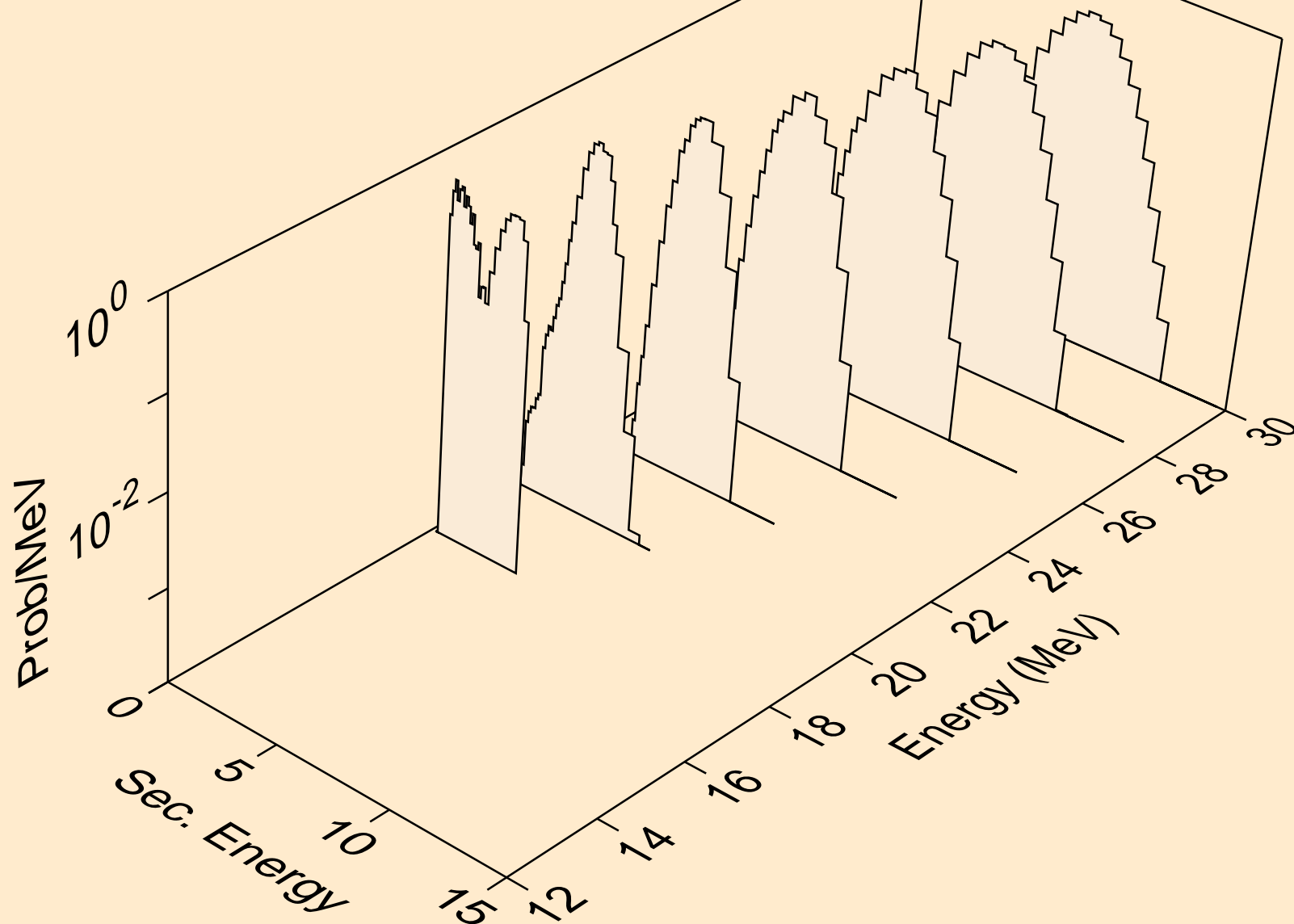
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



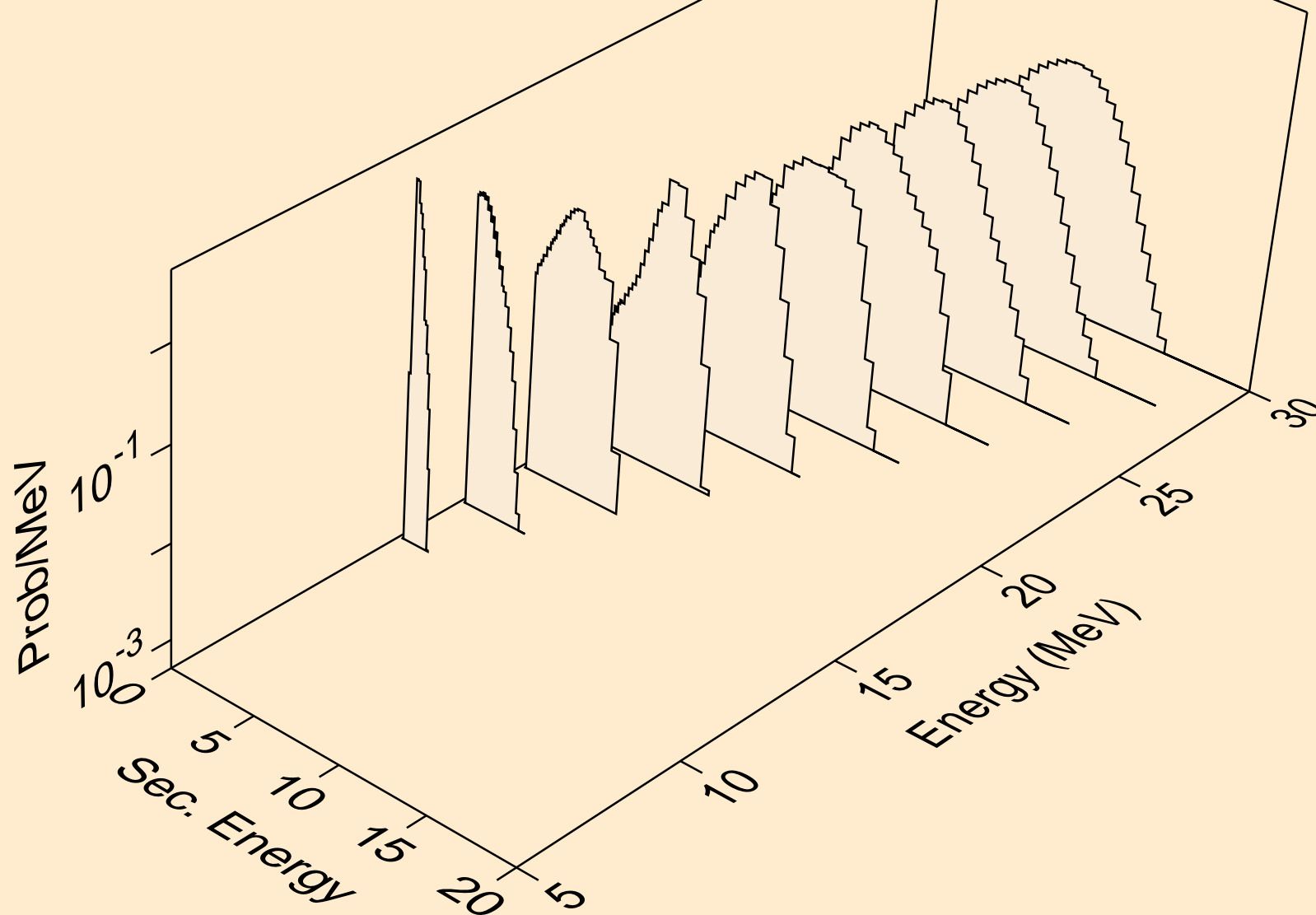
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



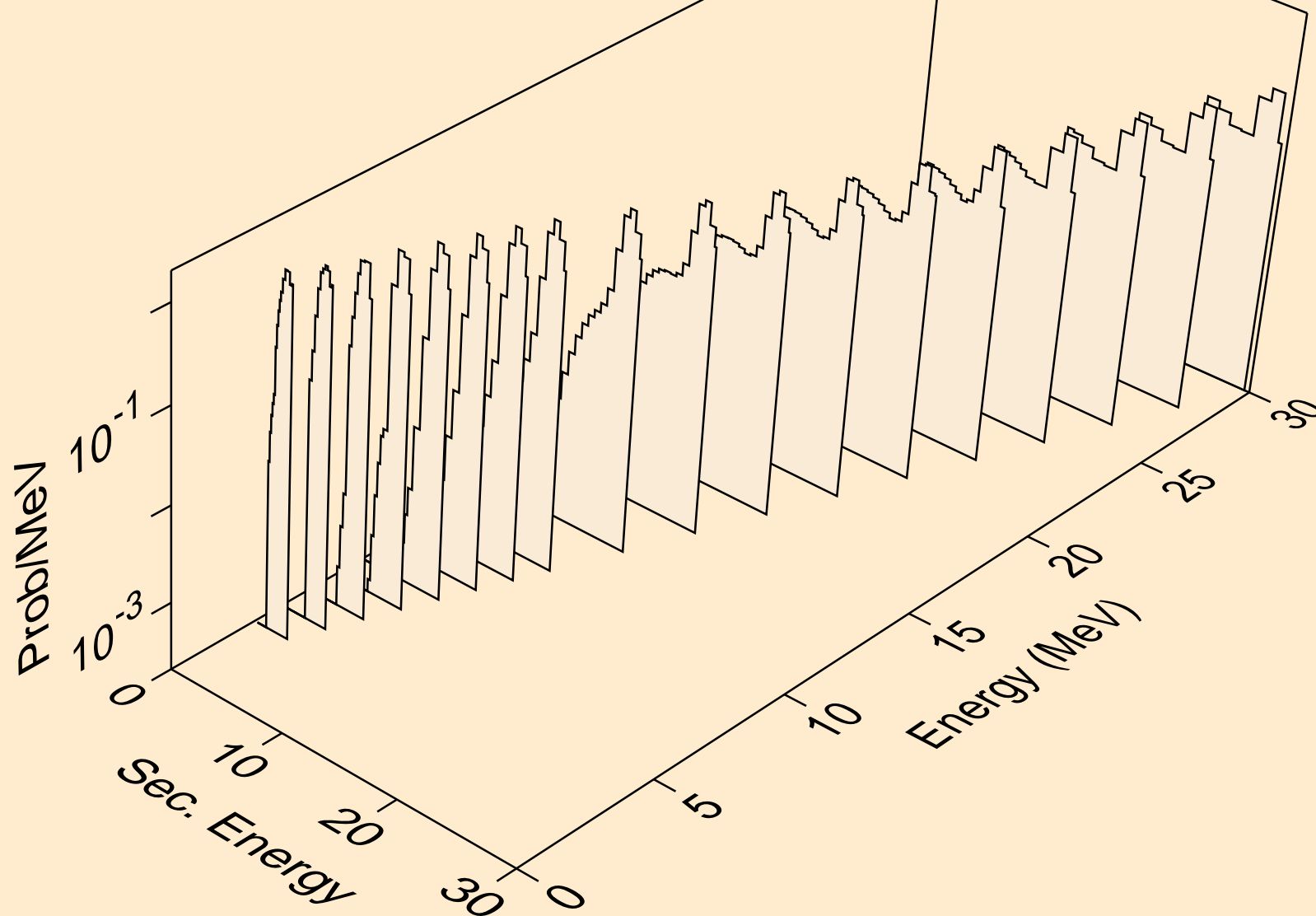
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

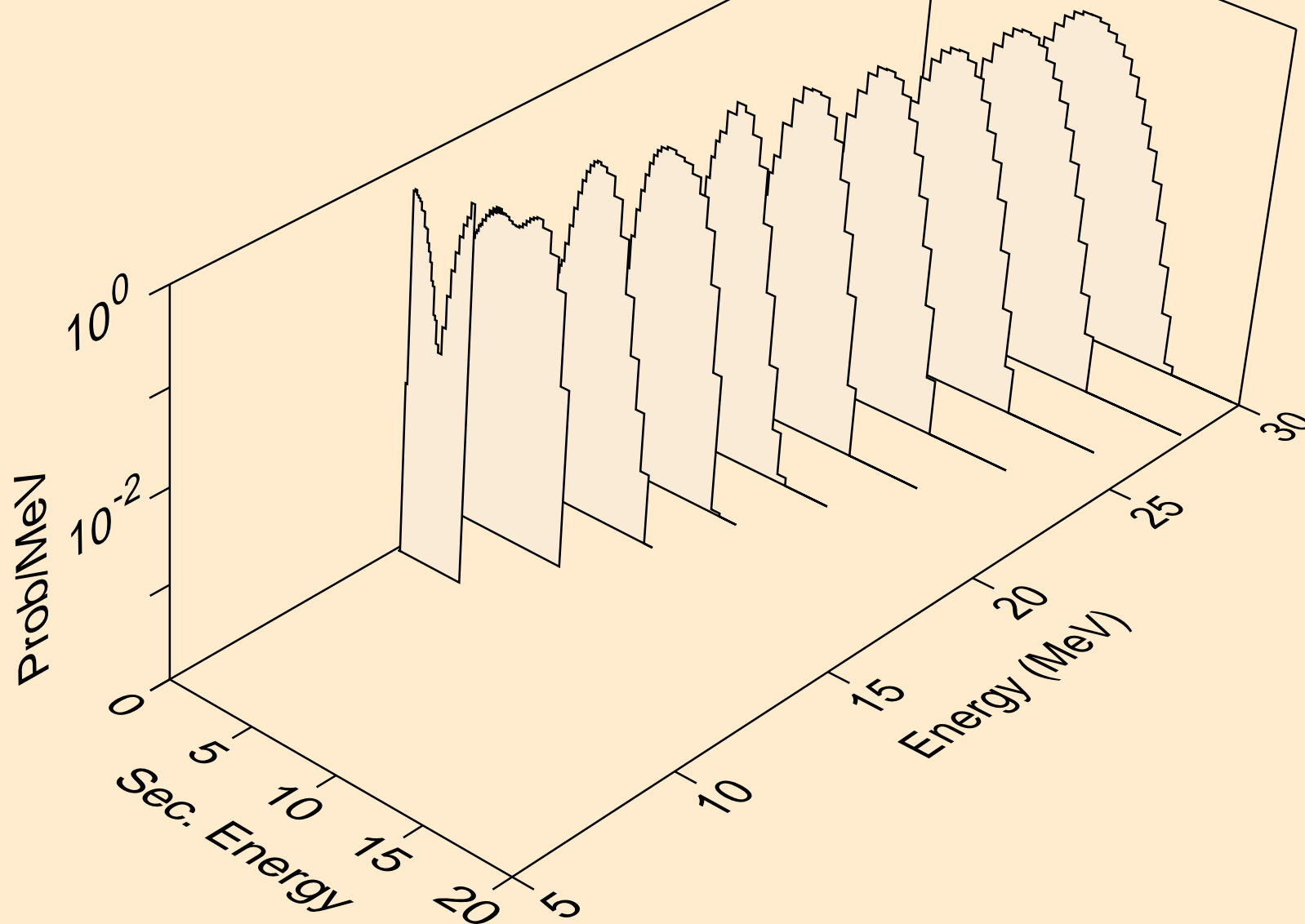


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

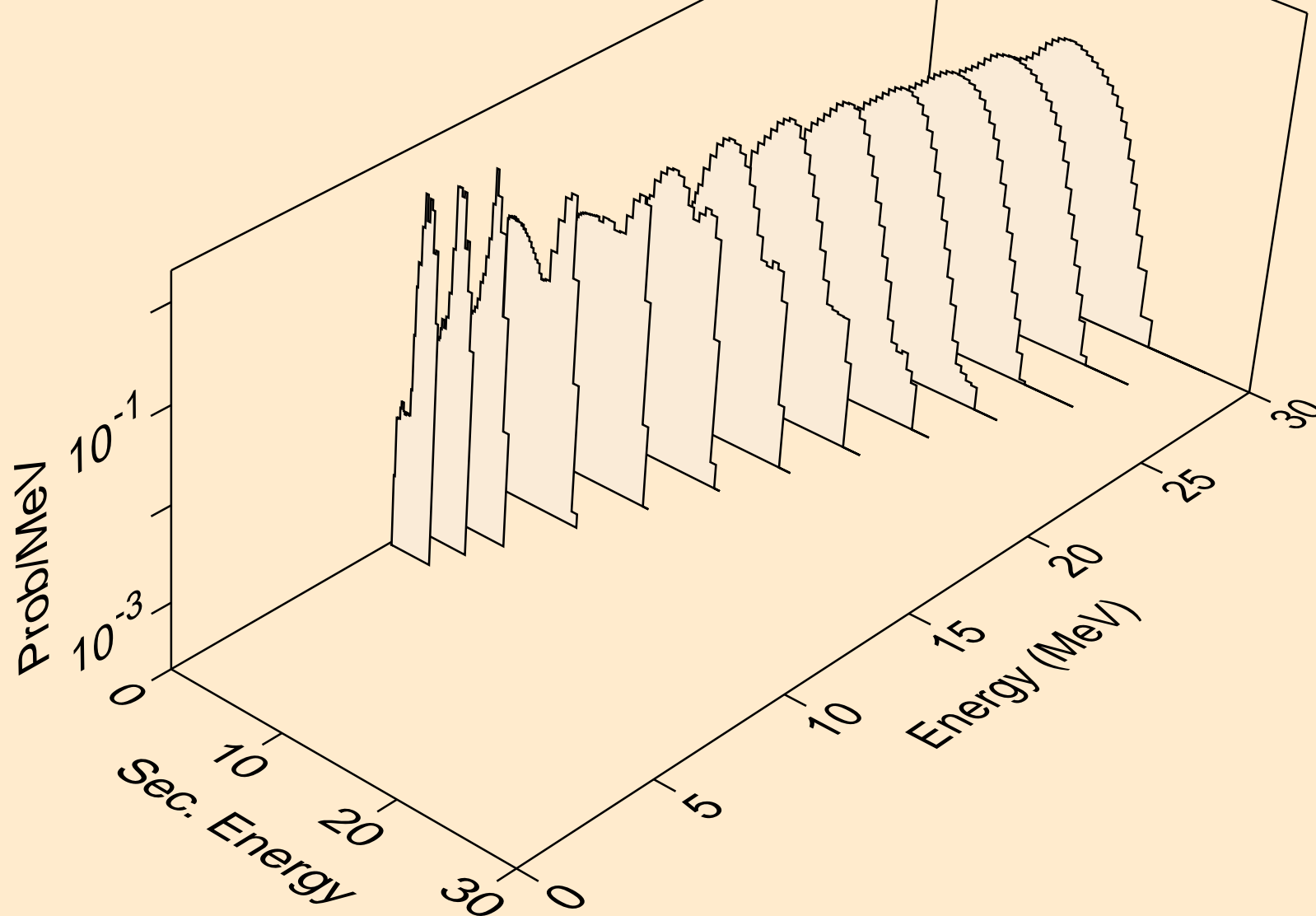




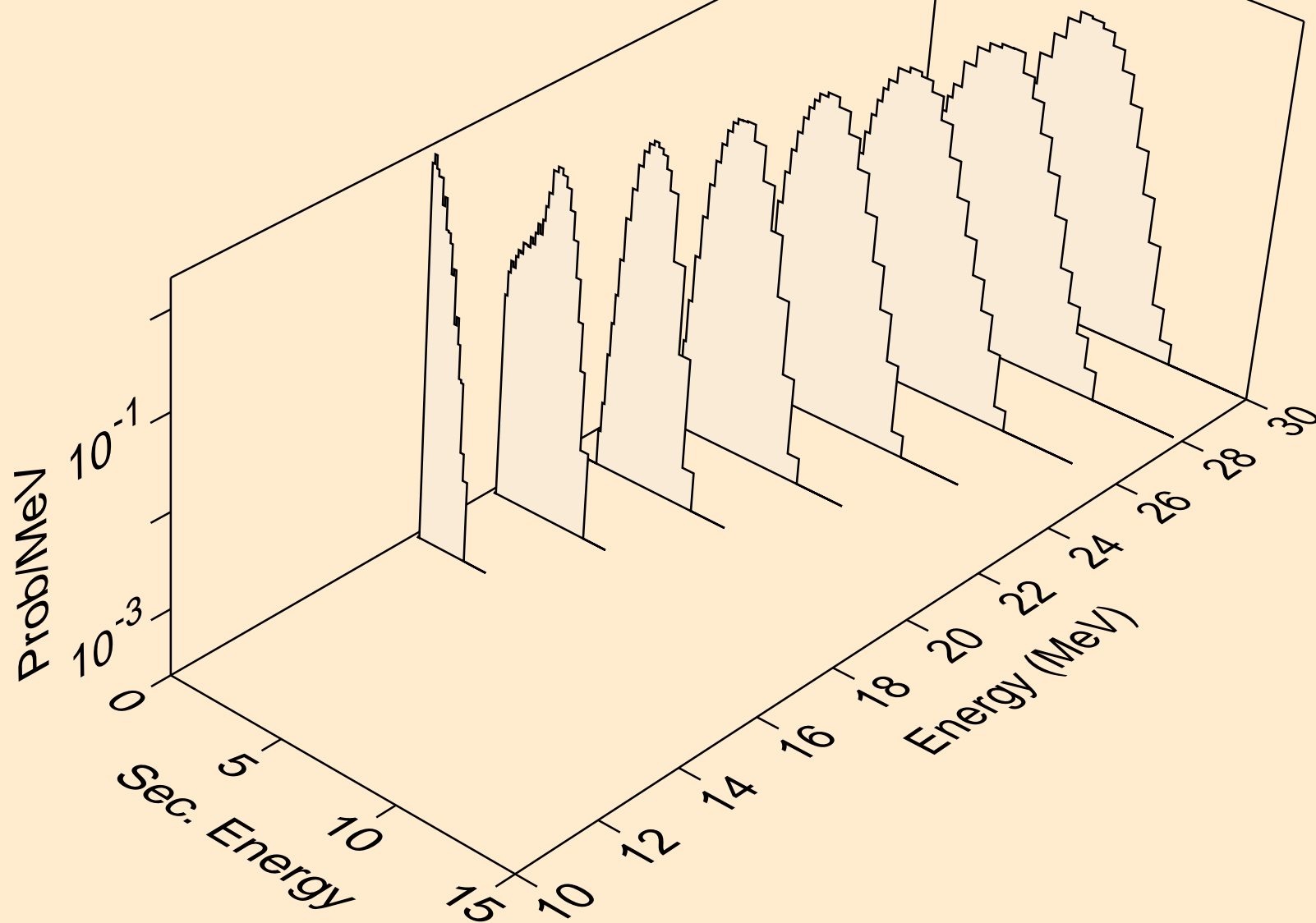
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



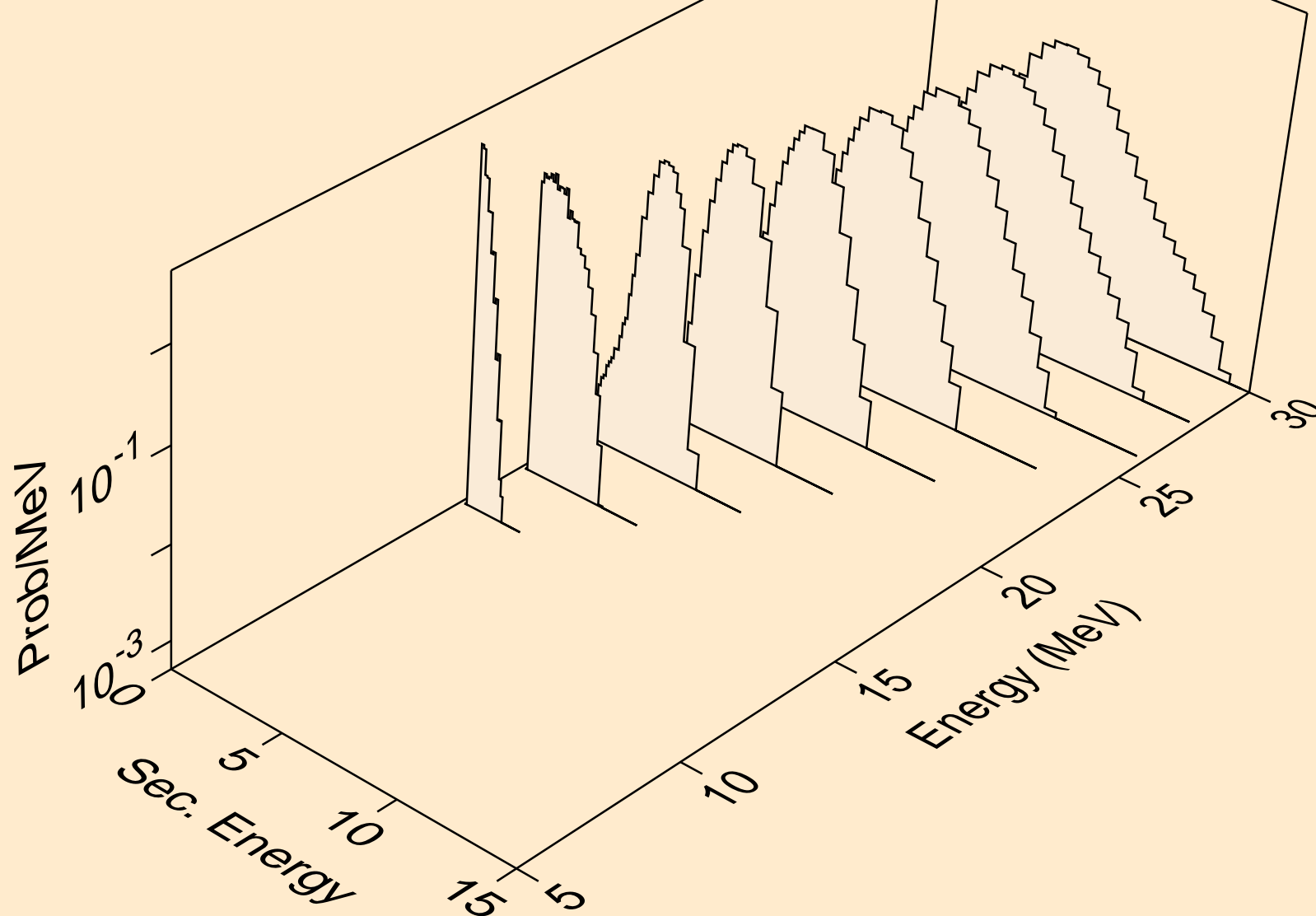
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



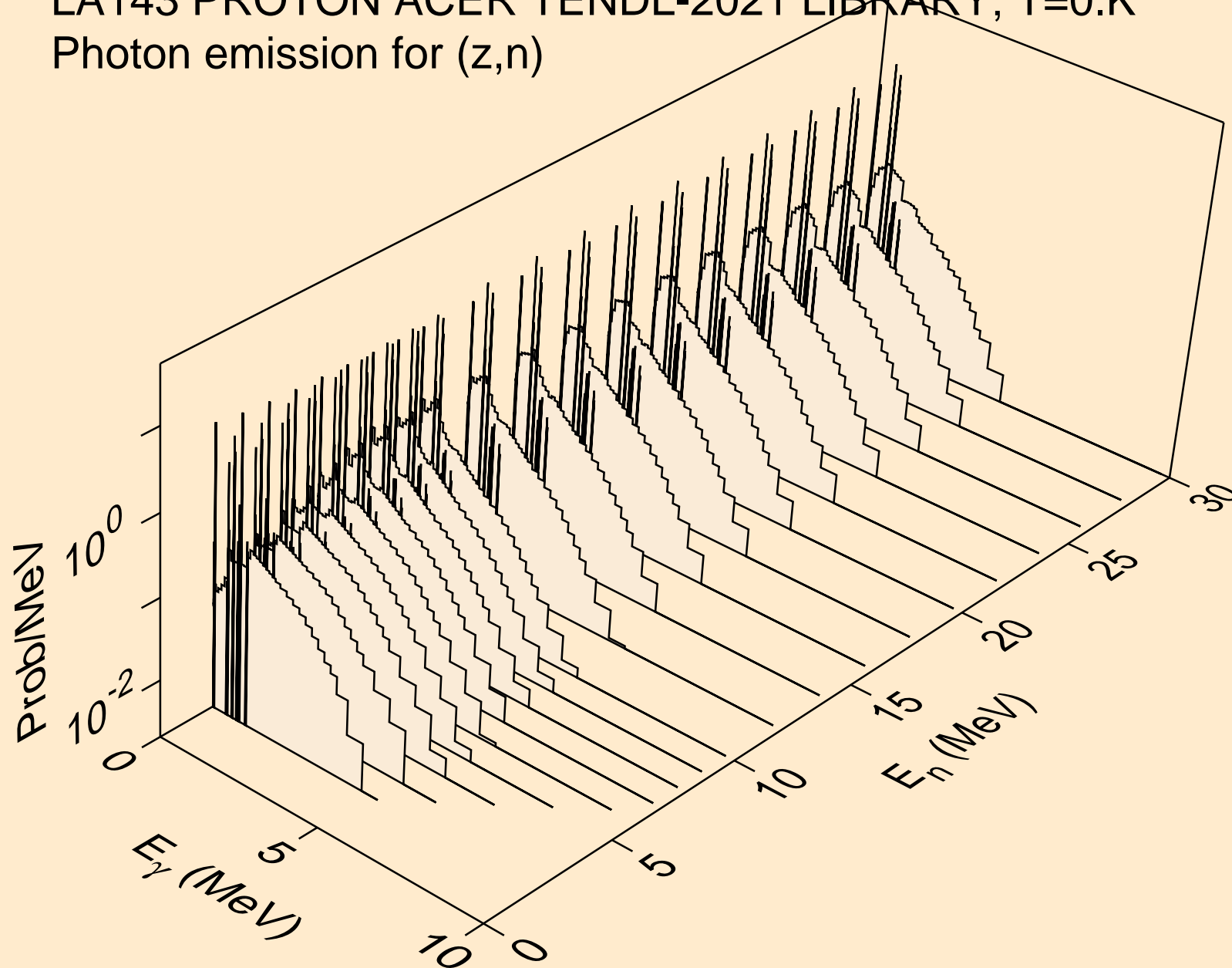
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



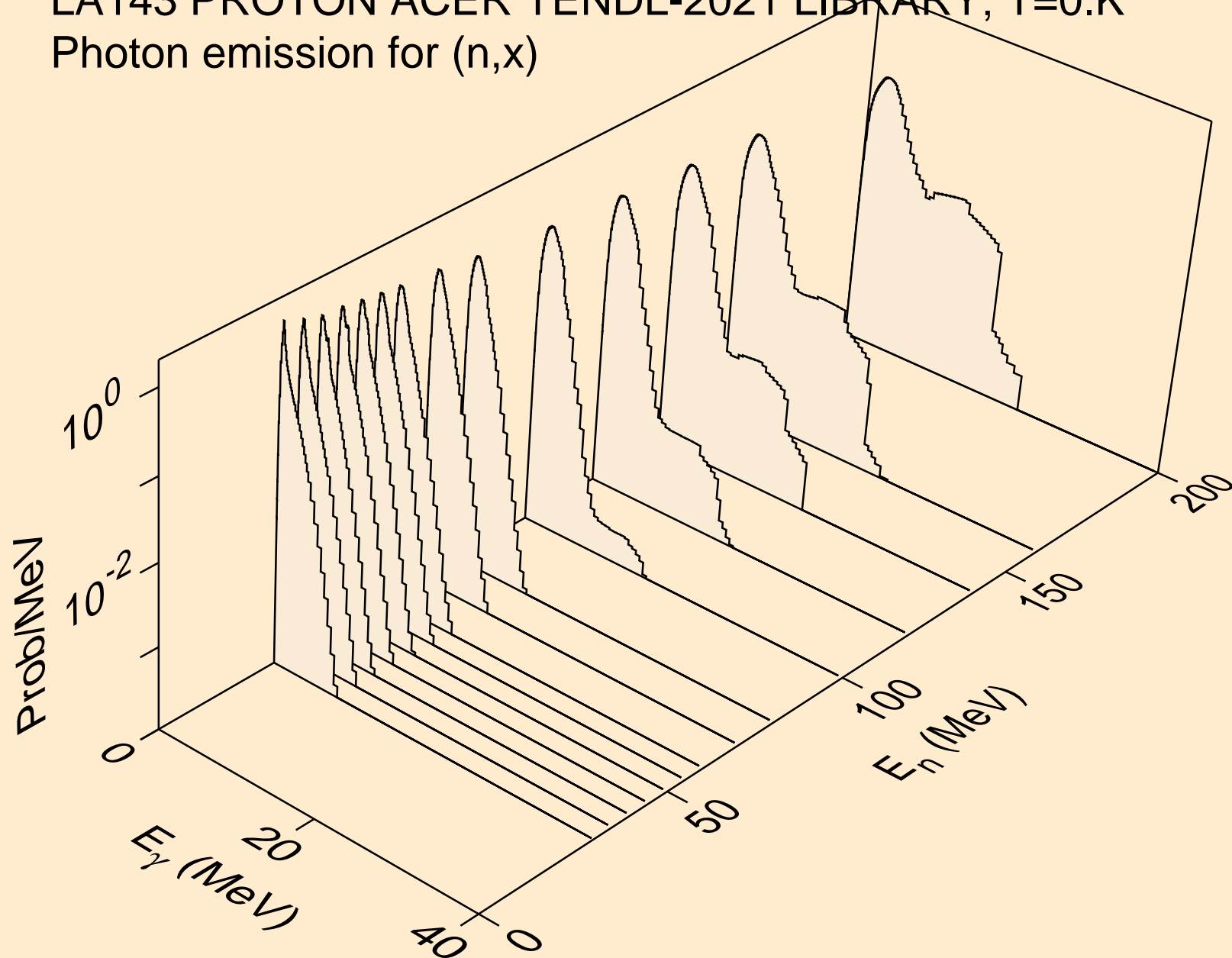
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



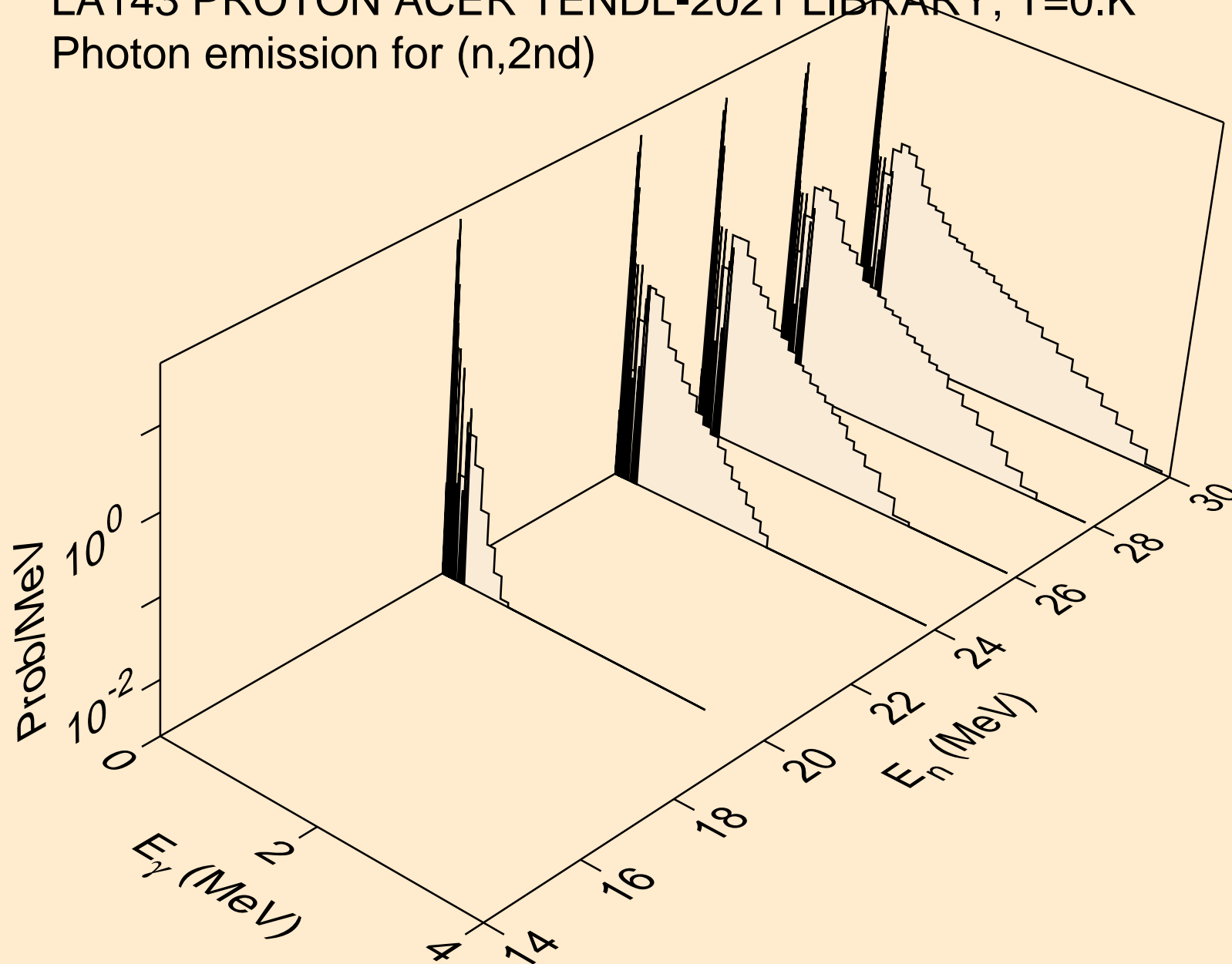
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



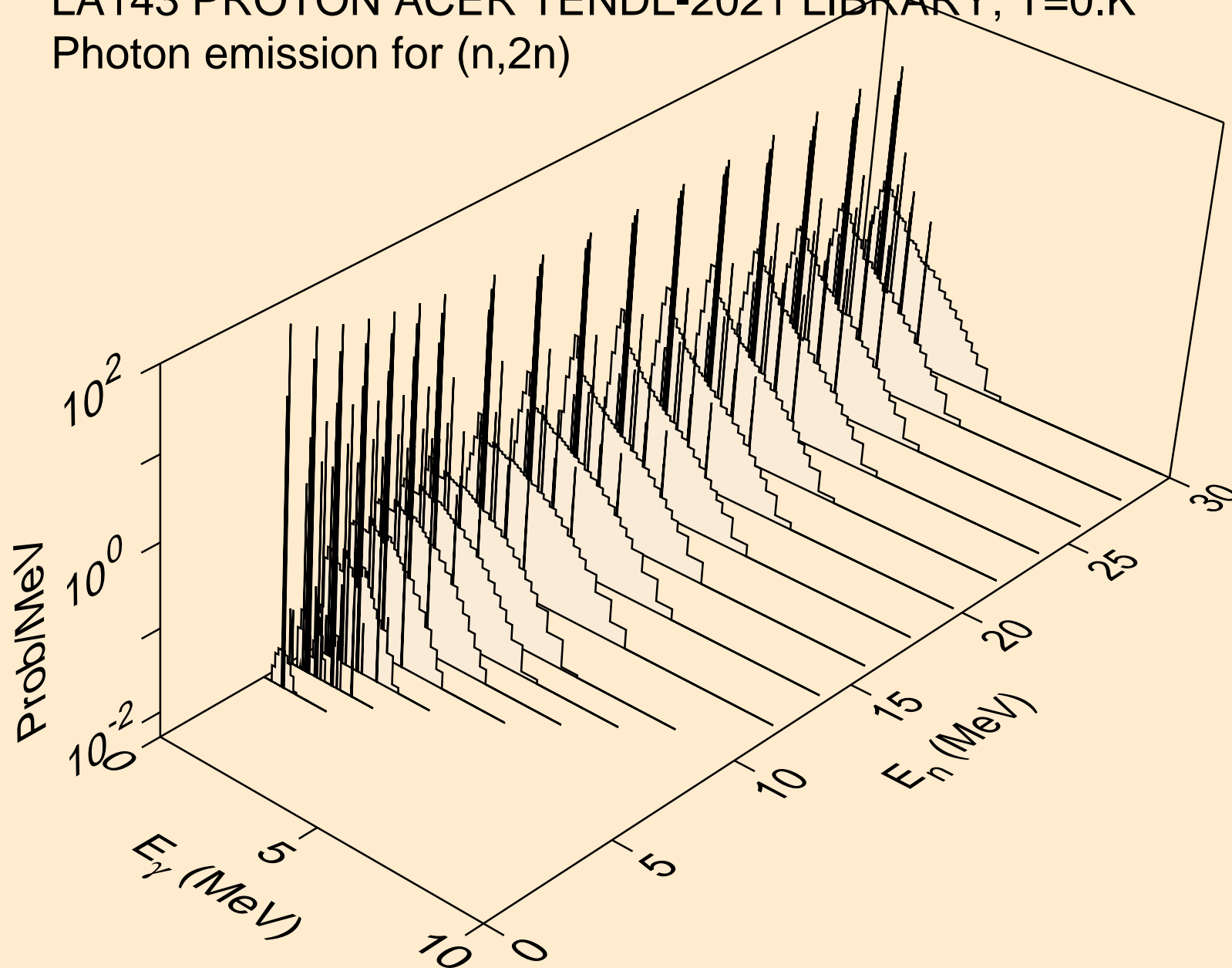
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

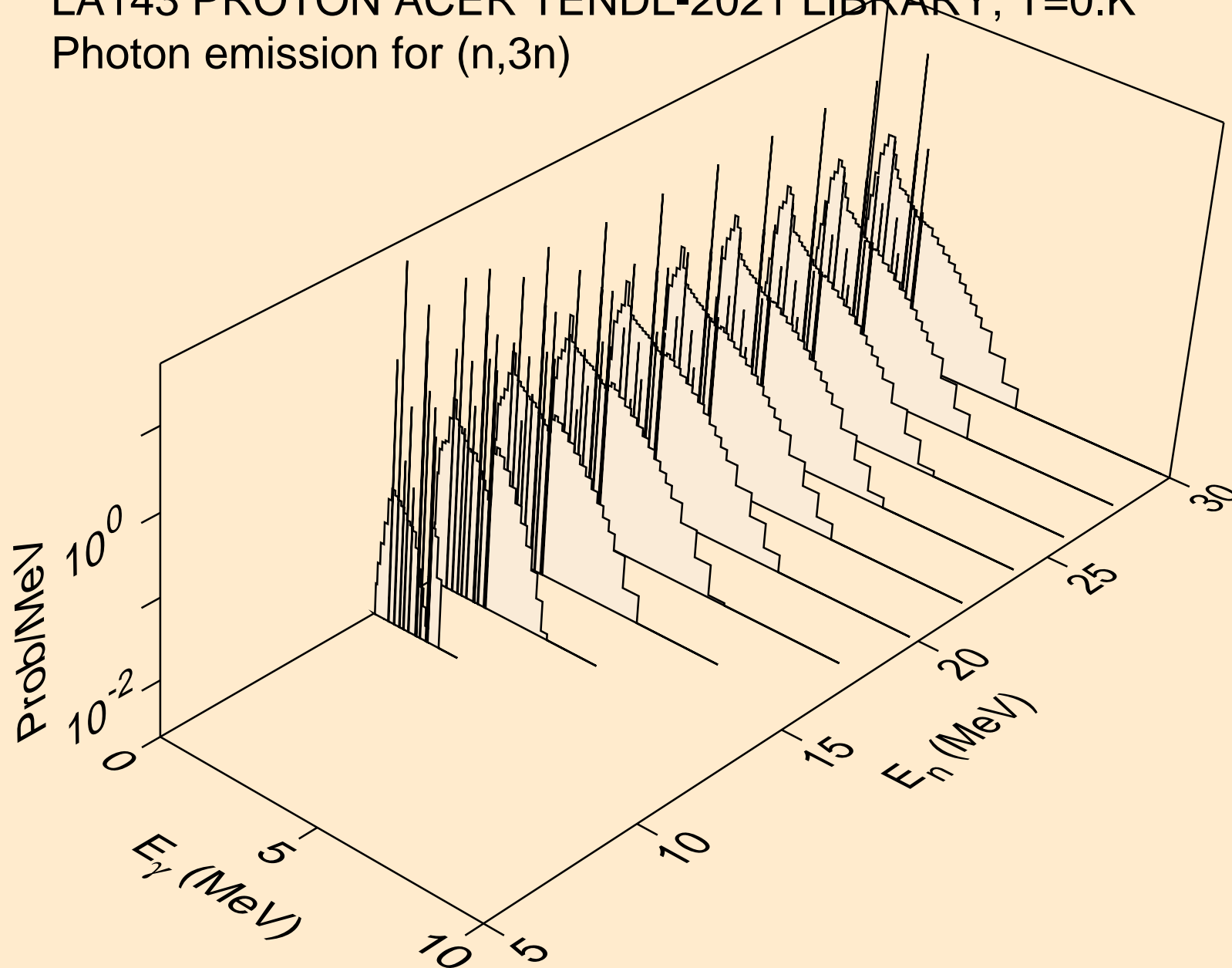


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

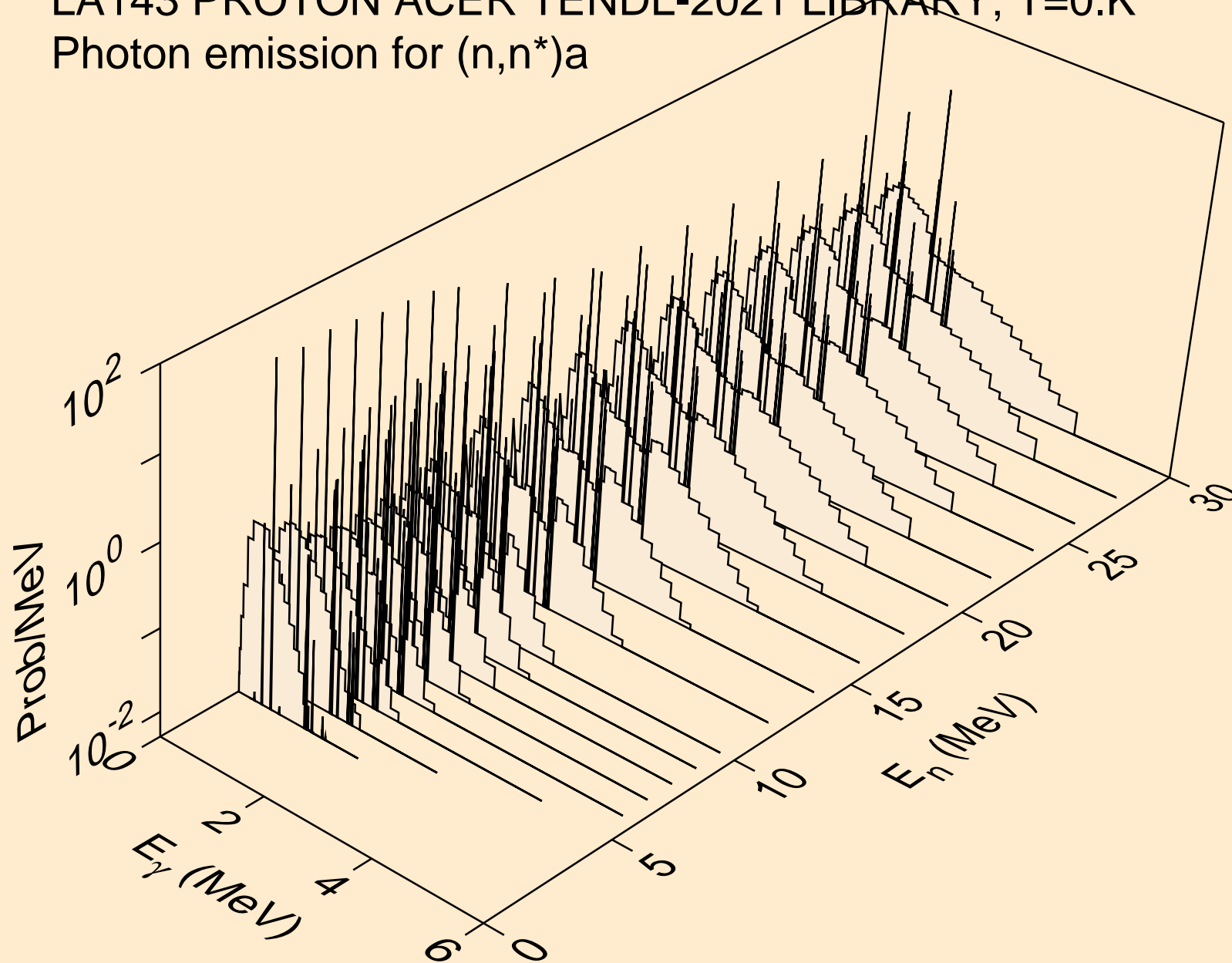




LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

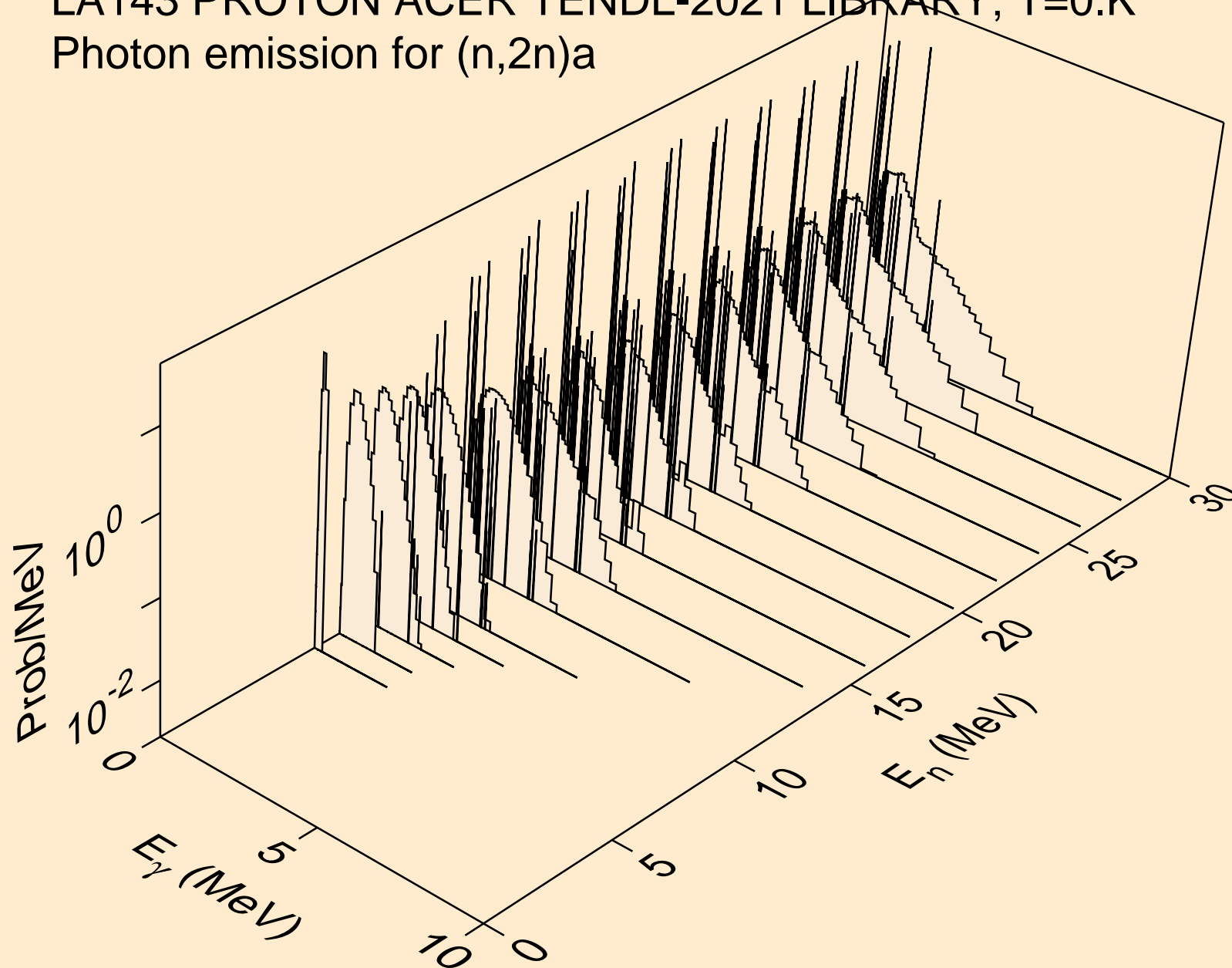


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



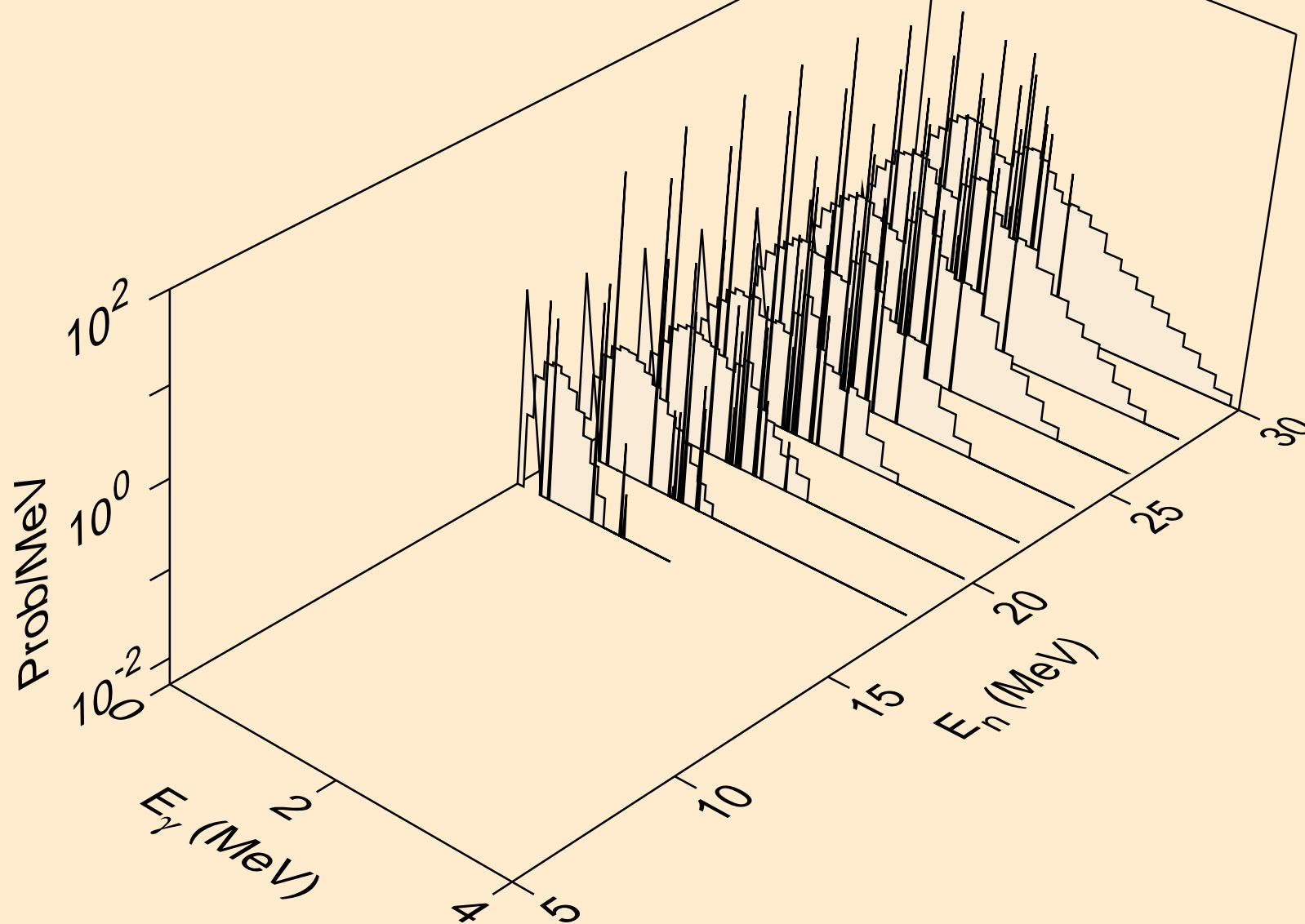
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



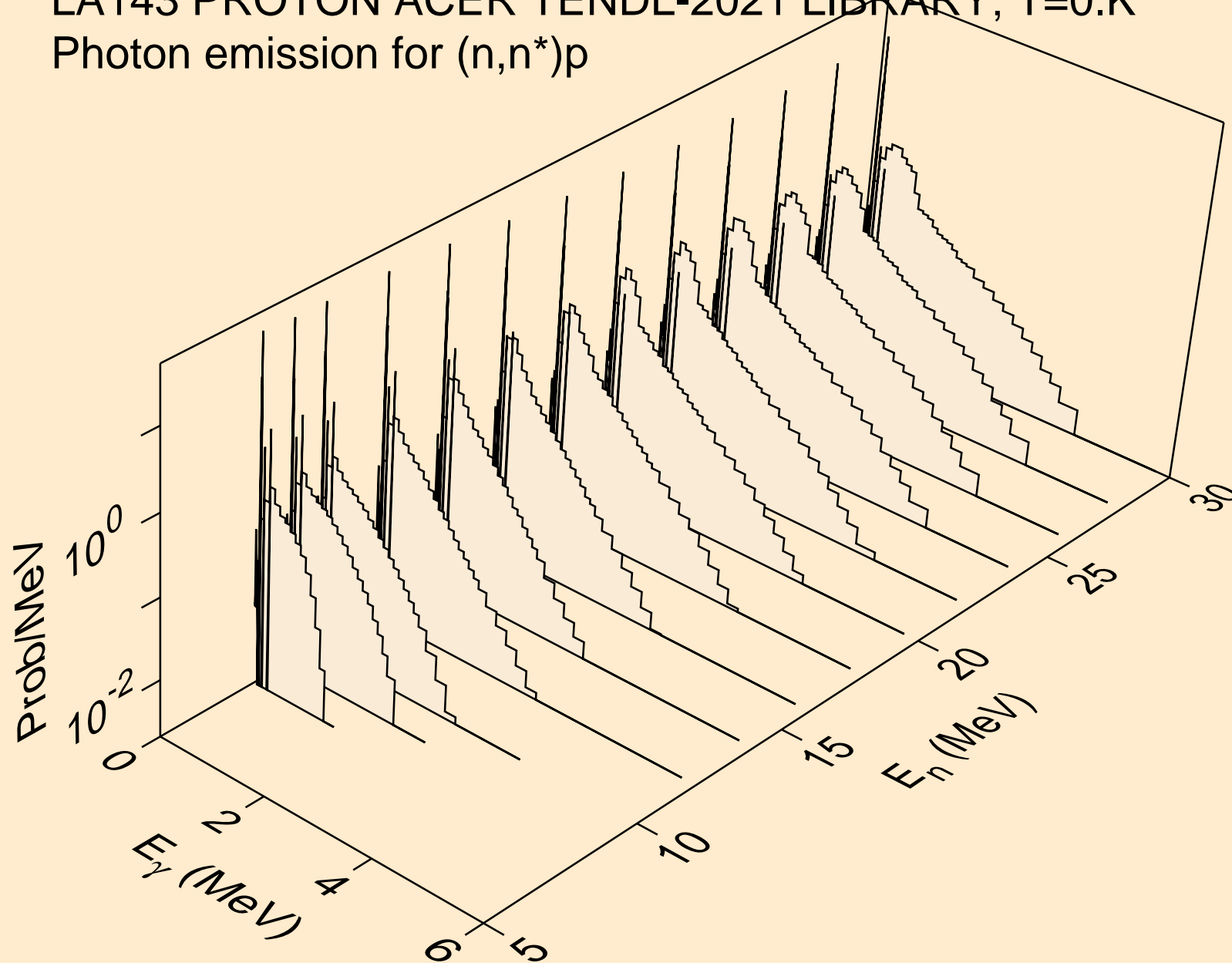
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$

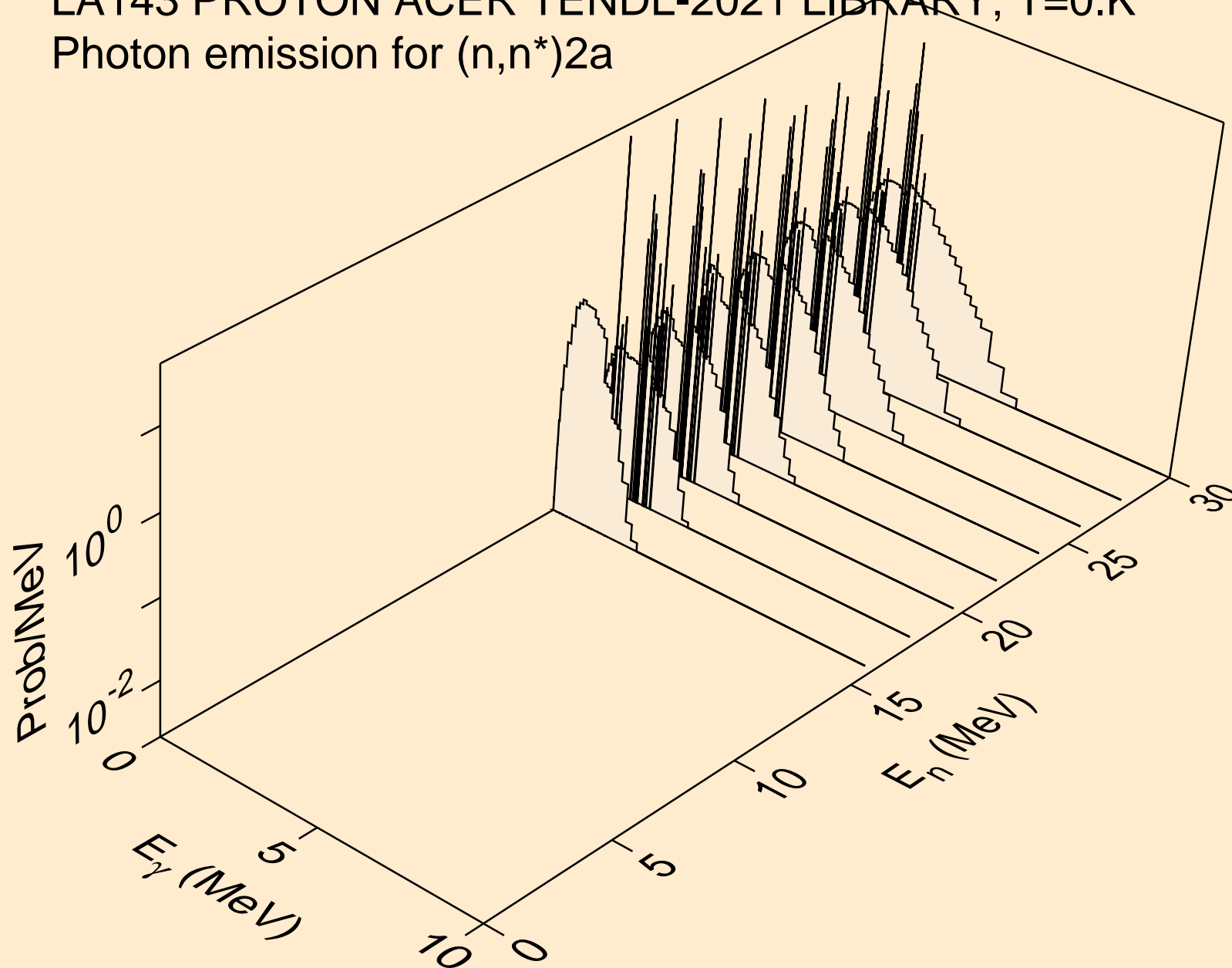


# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

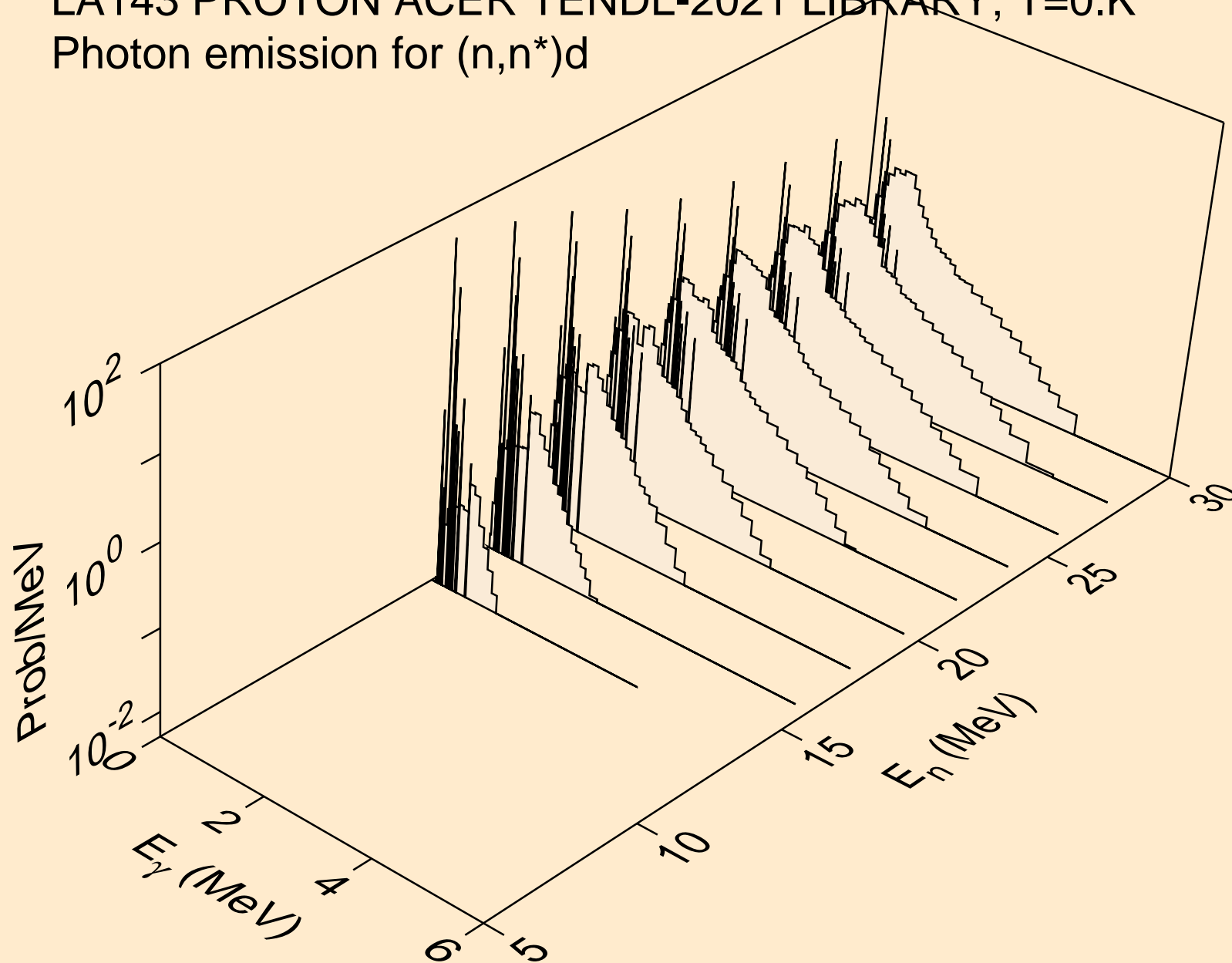
Photon emission for (n,n\*)p



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

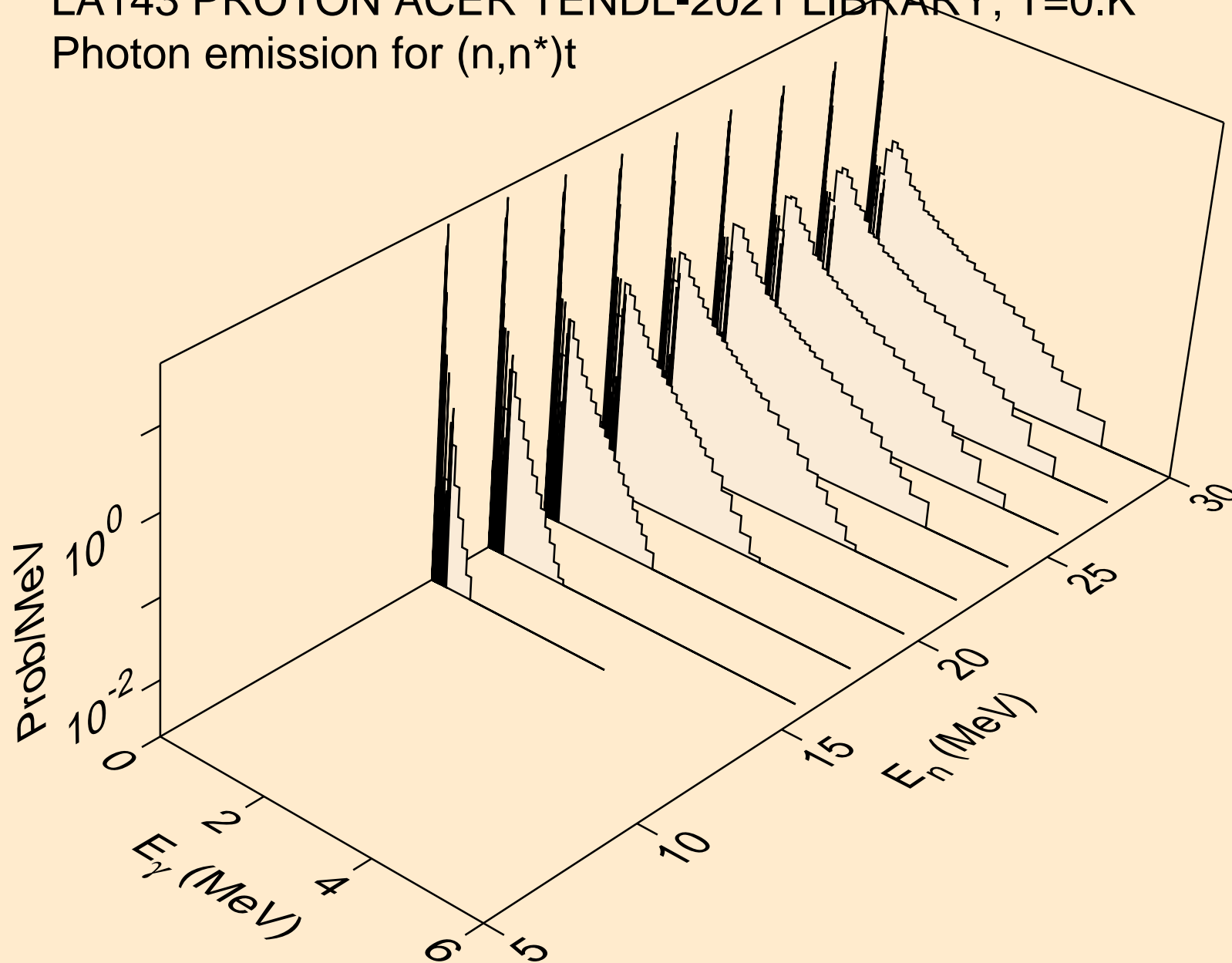


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



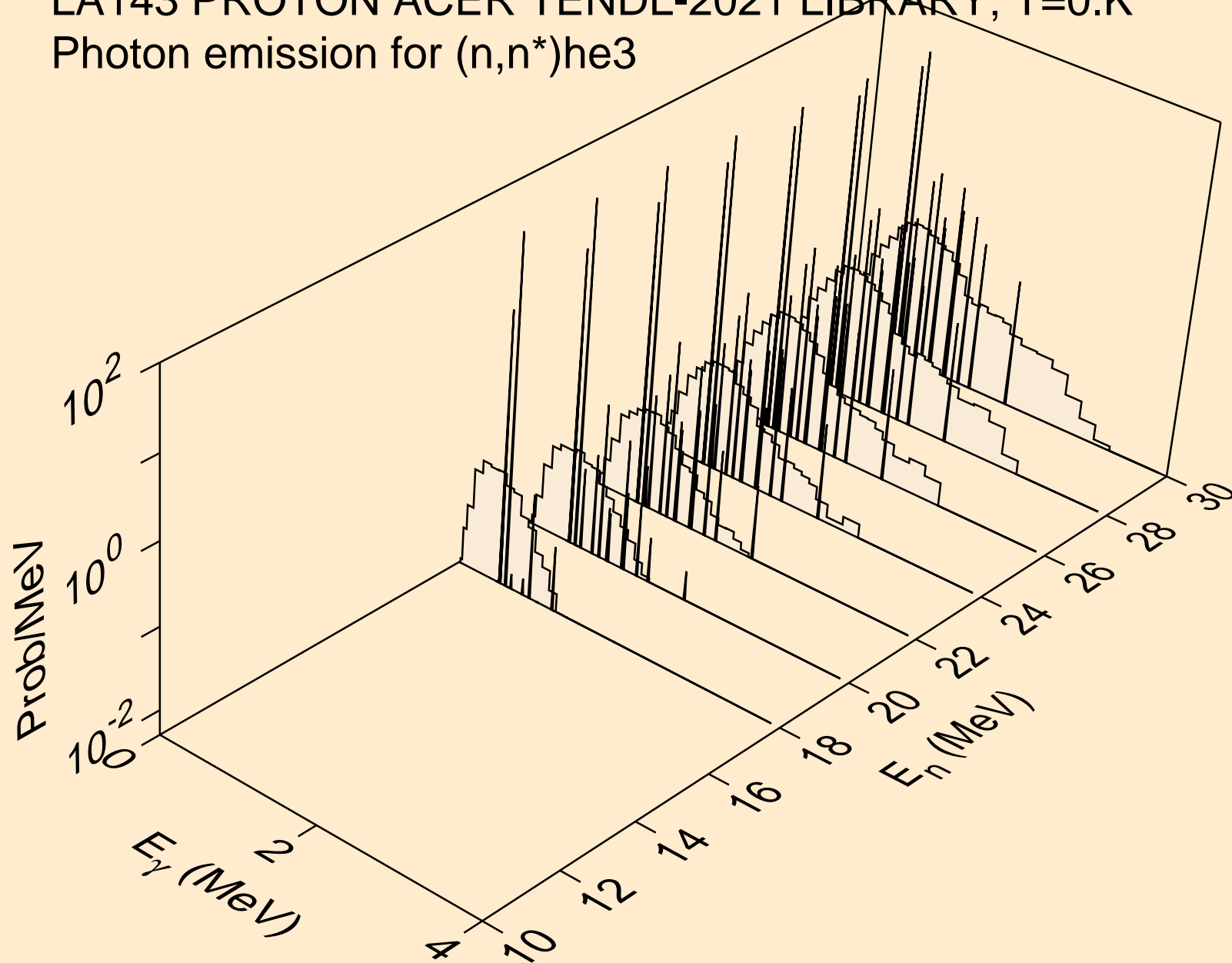
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)t

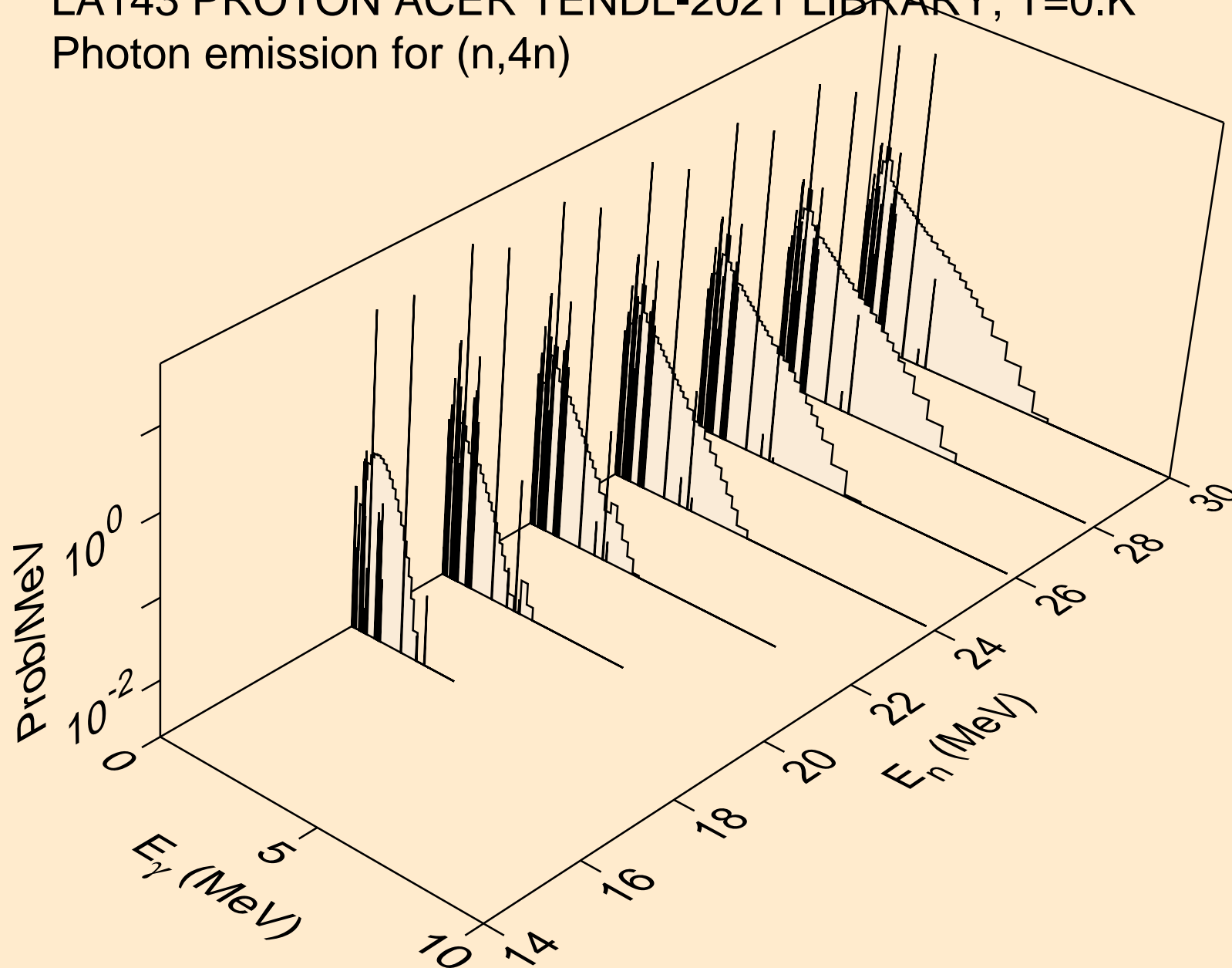




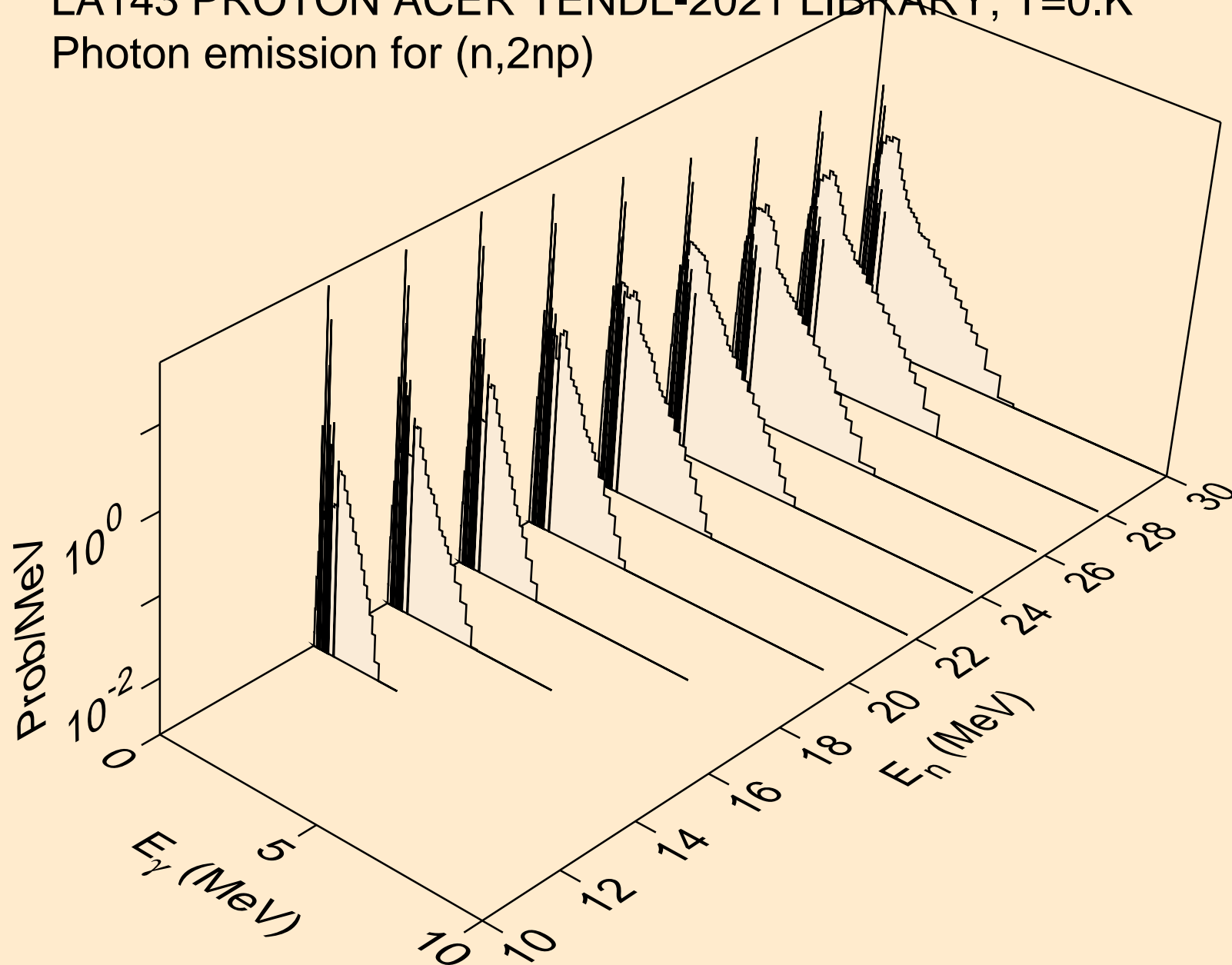
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



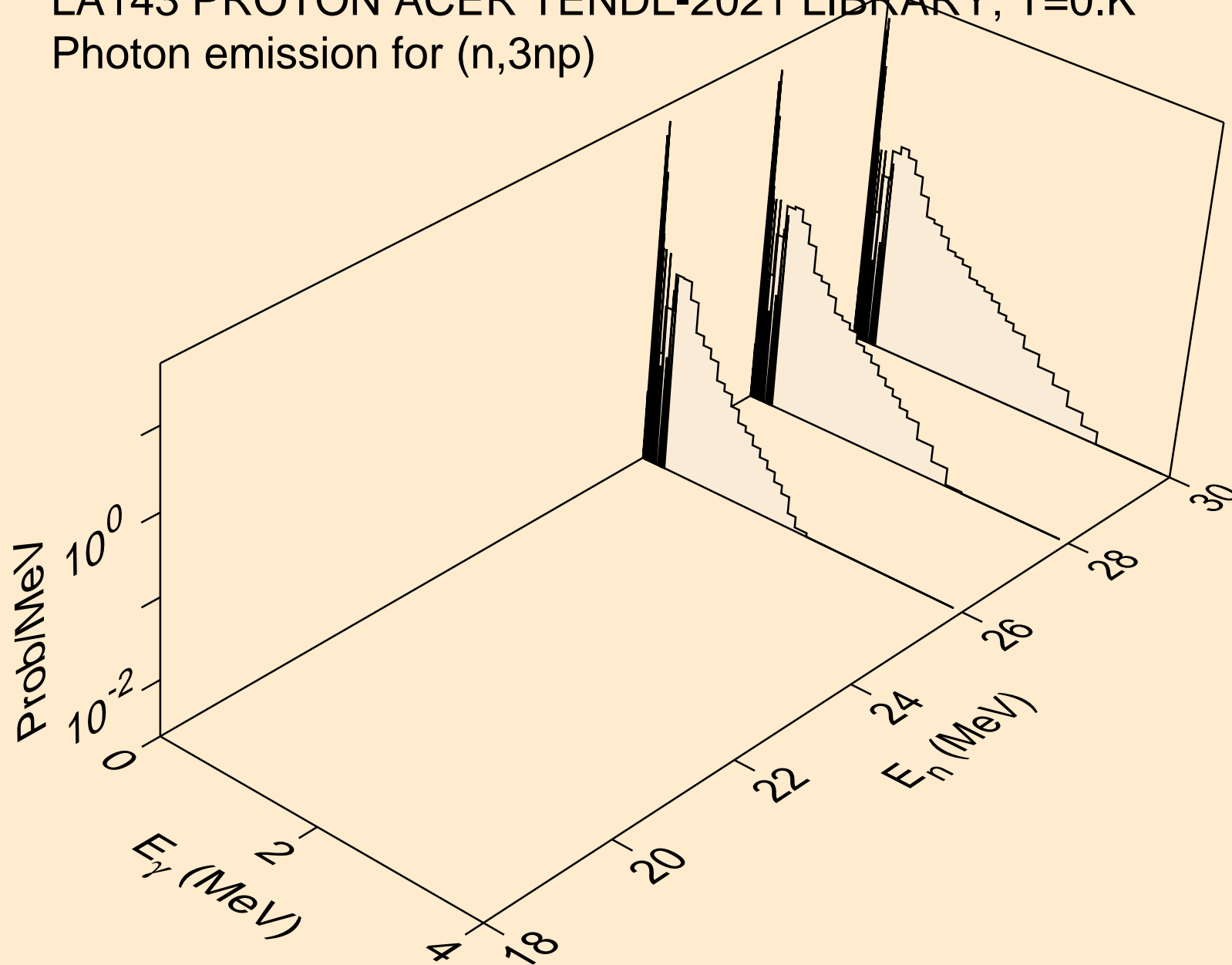
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



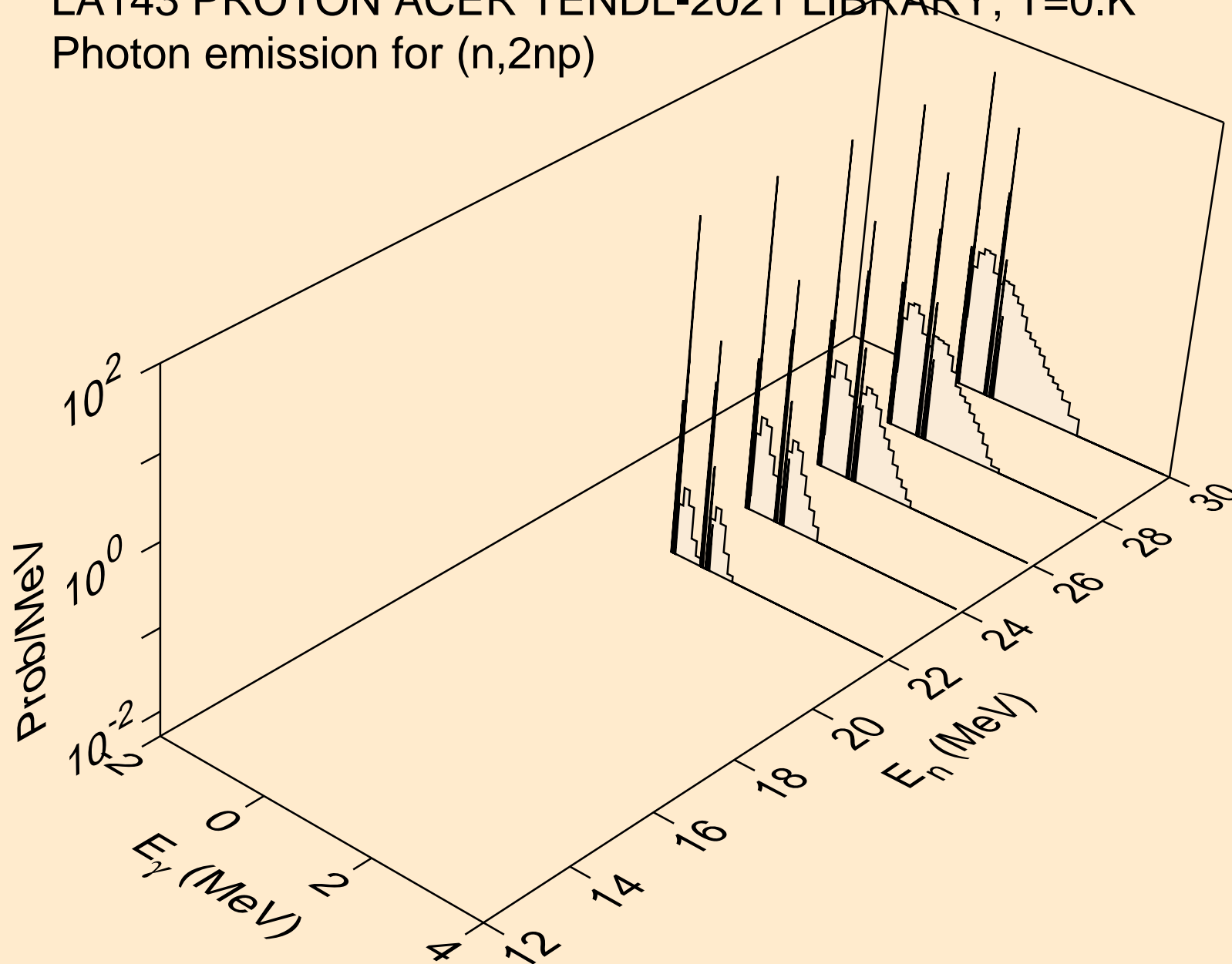
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



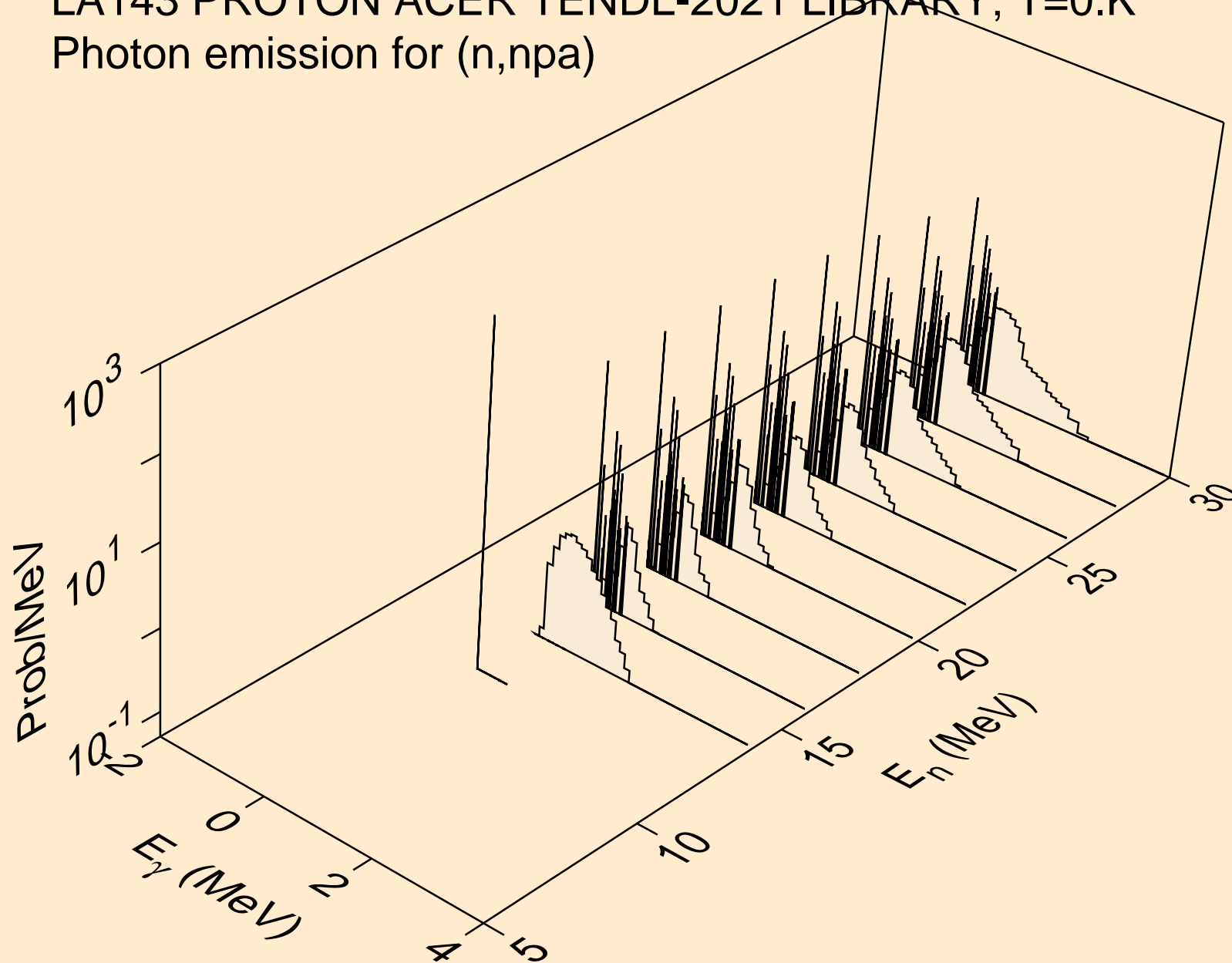
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



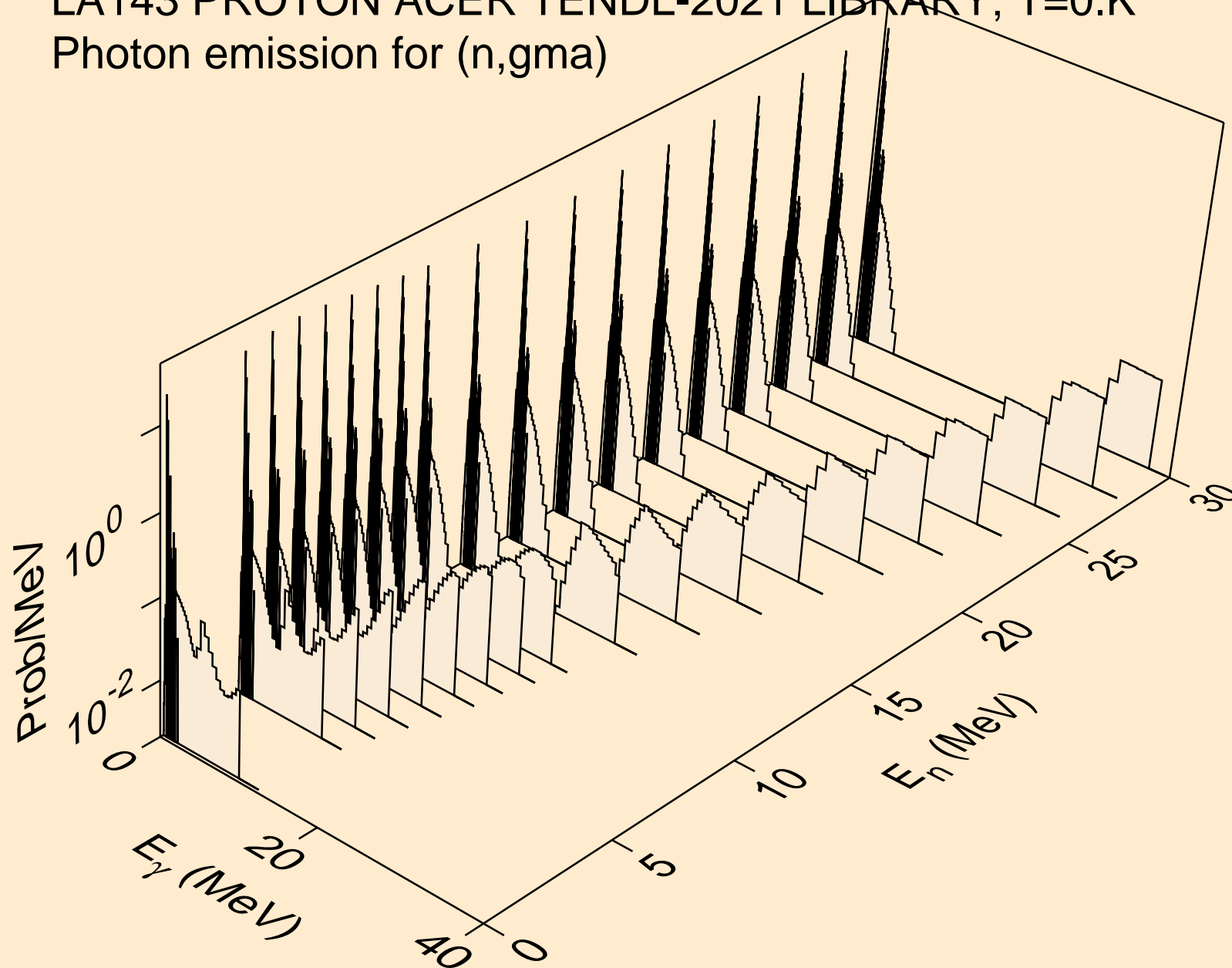
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Photon emission for (n,2np)



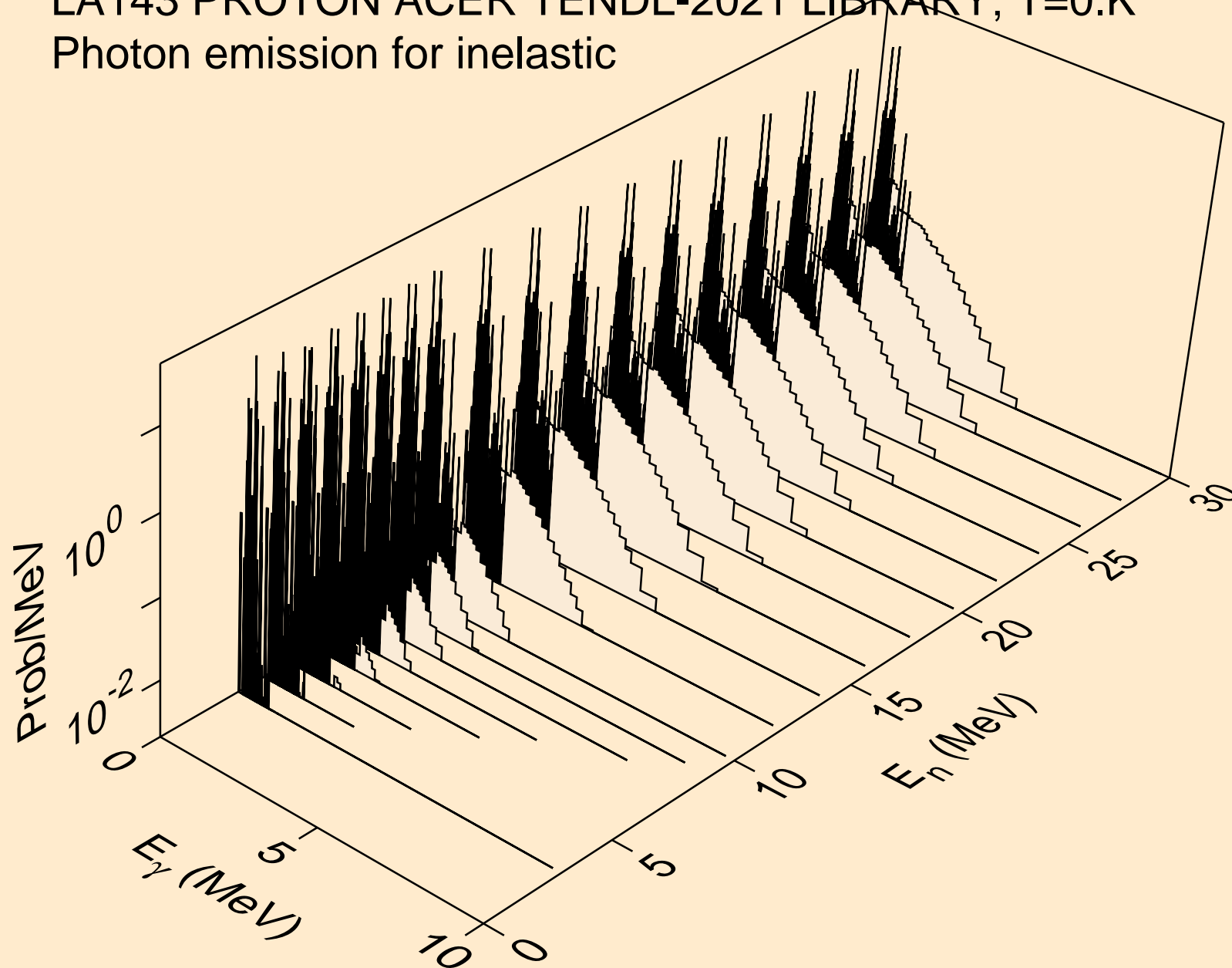
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

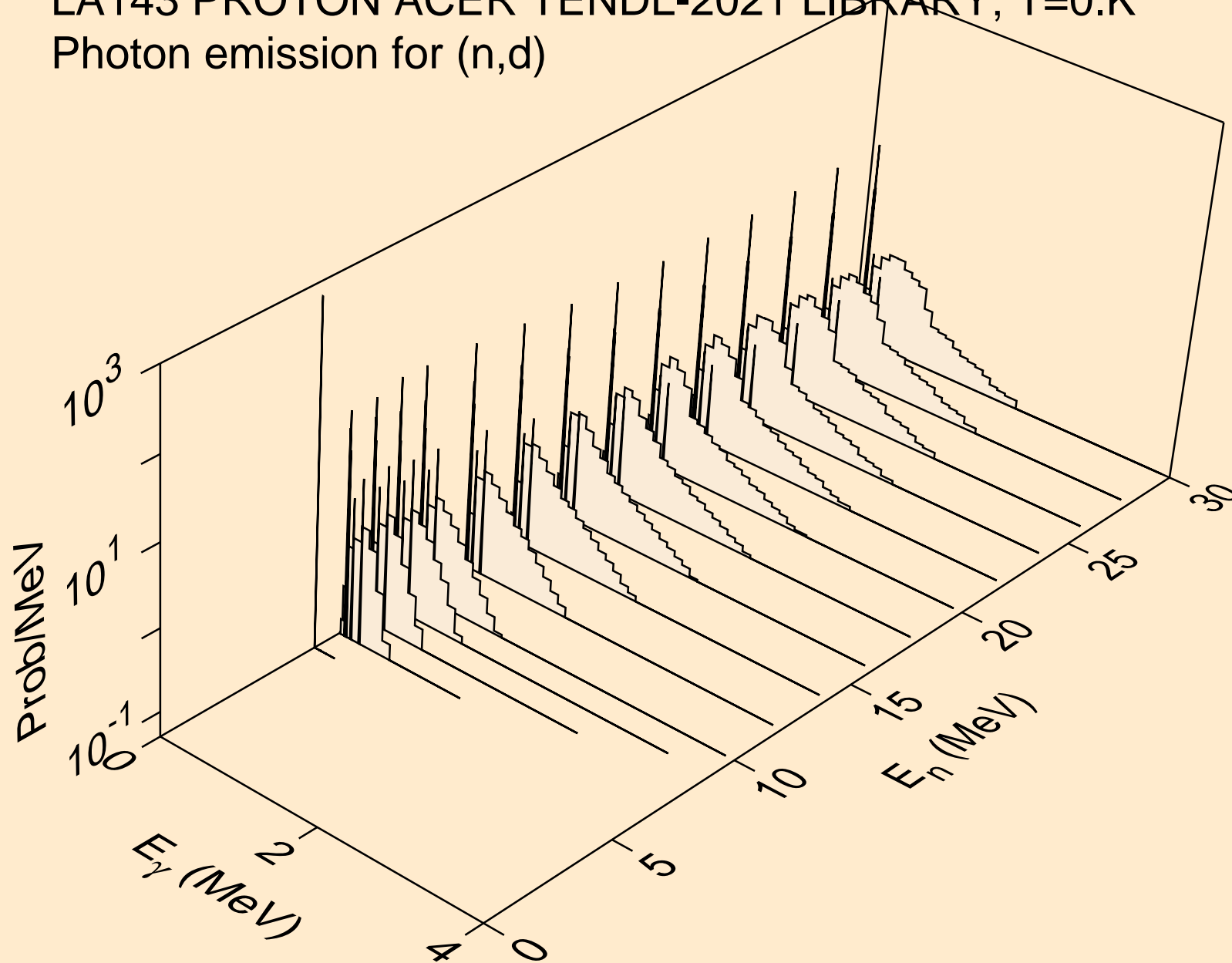


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

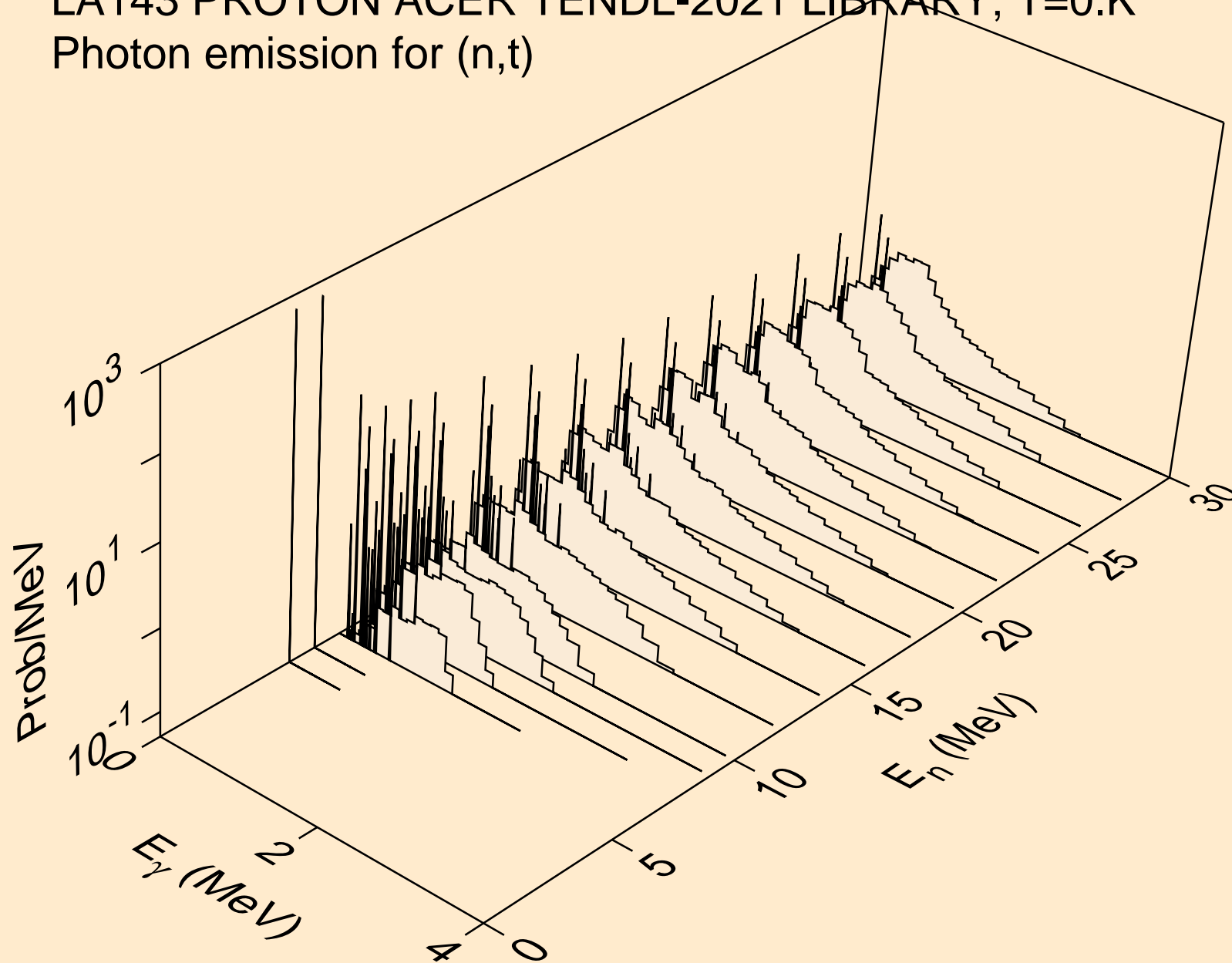




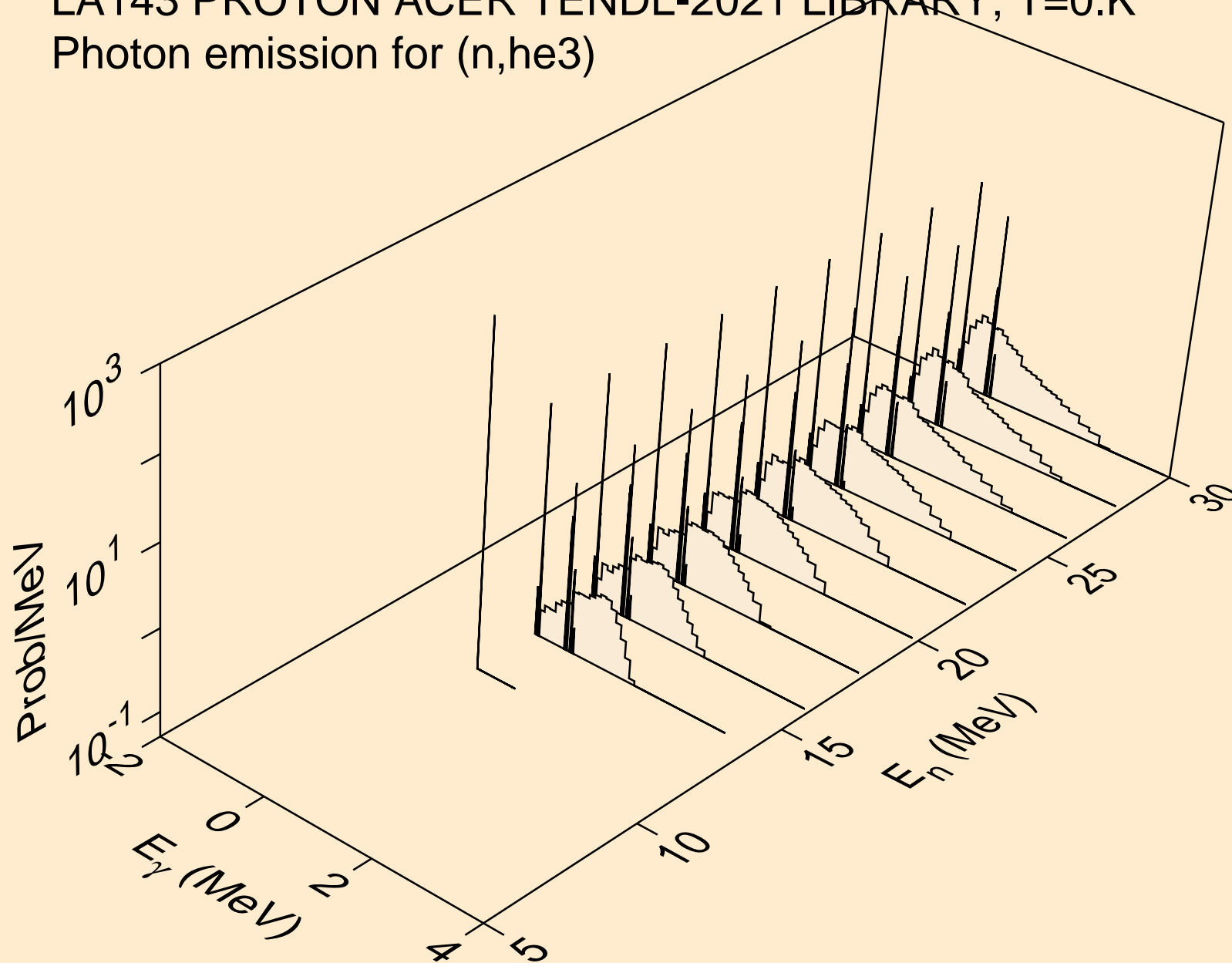
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



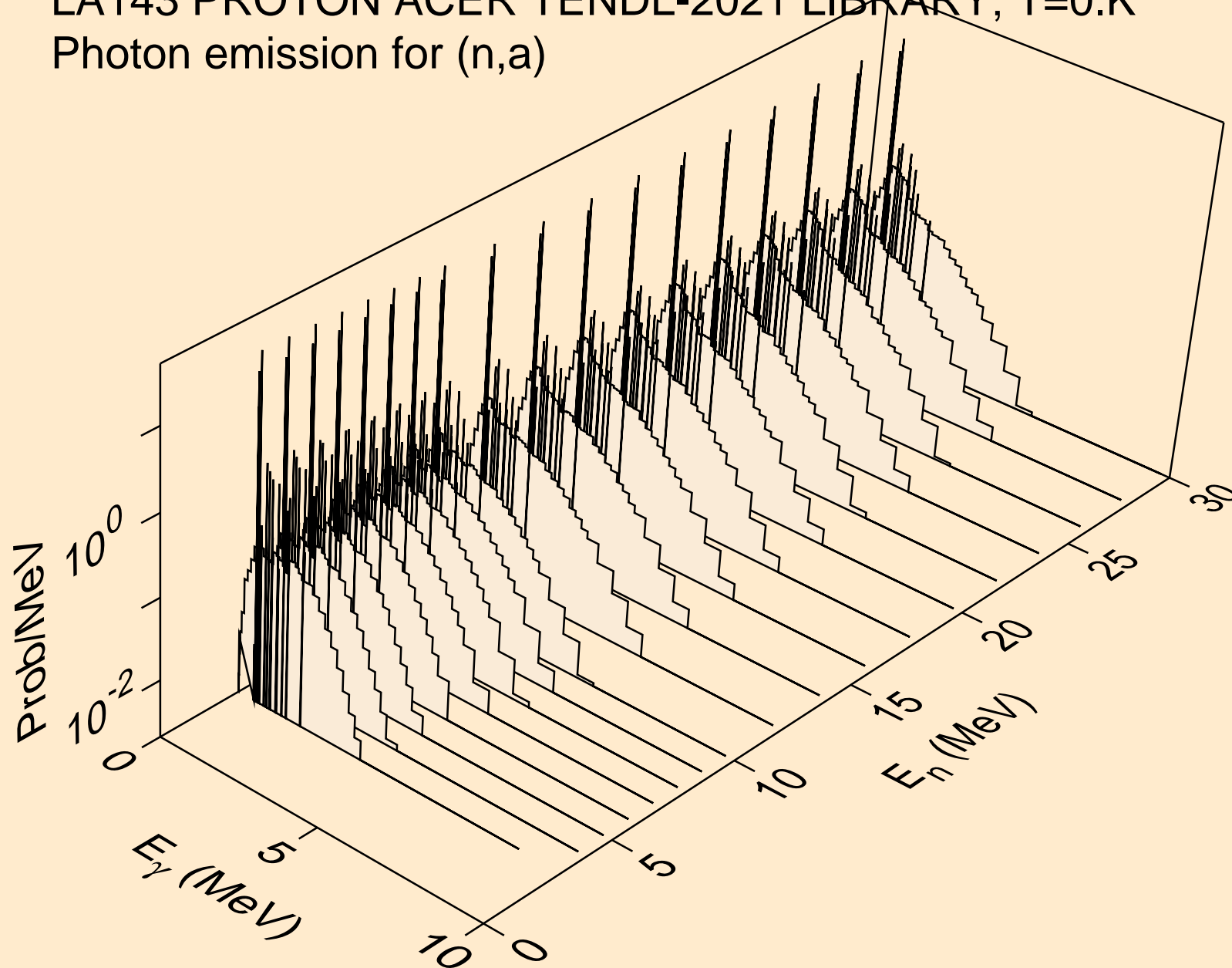
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



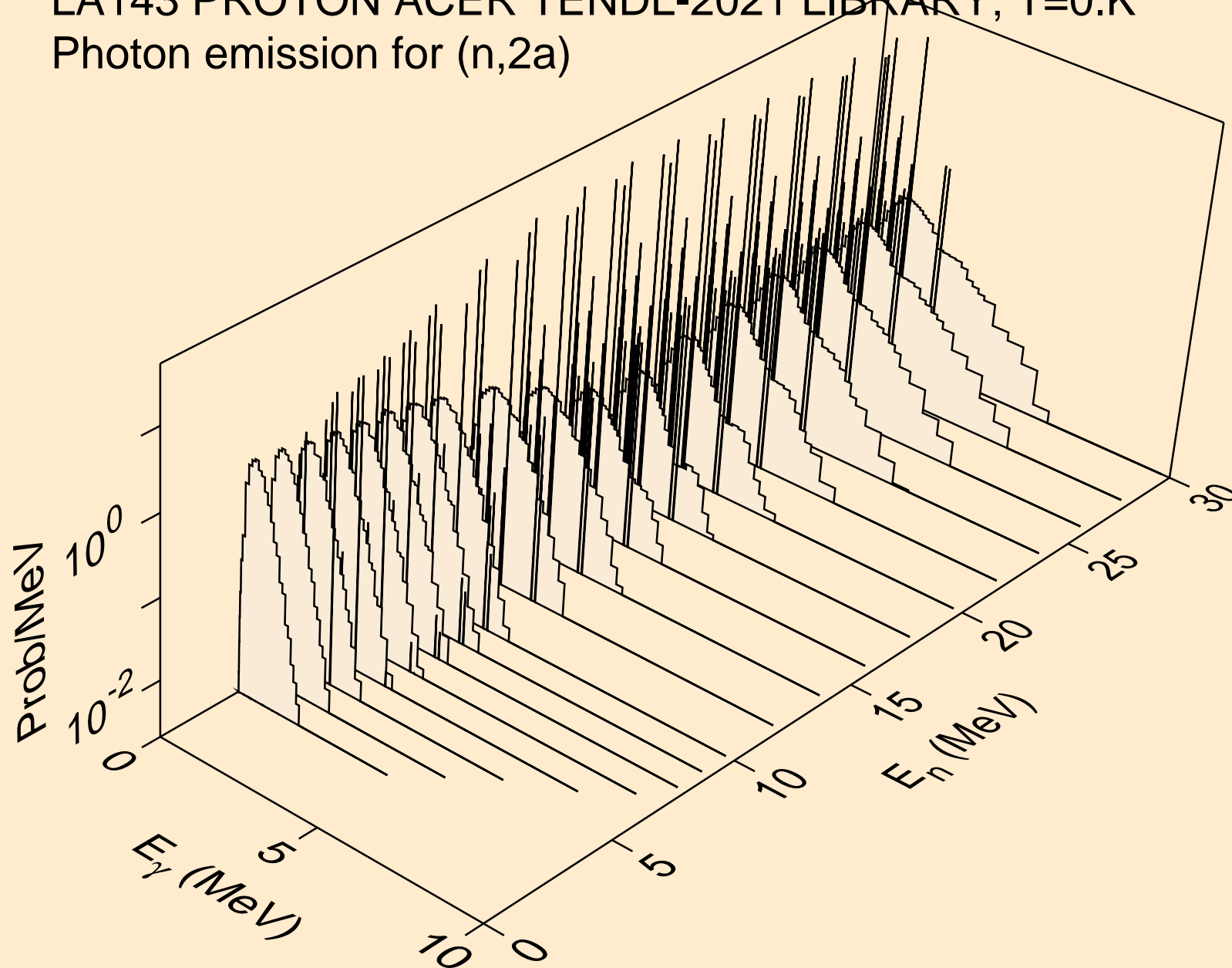
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



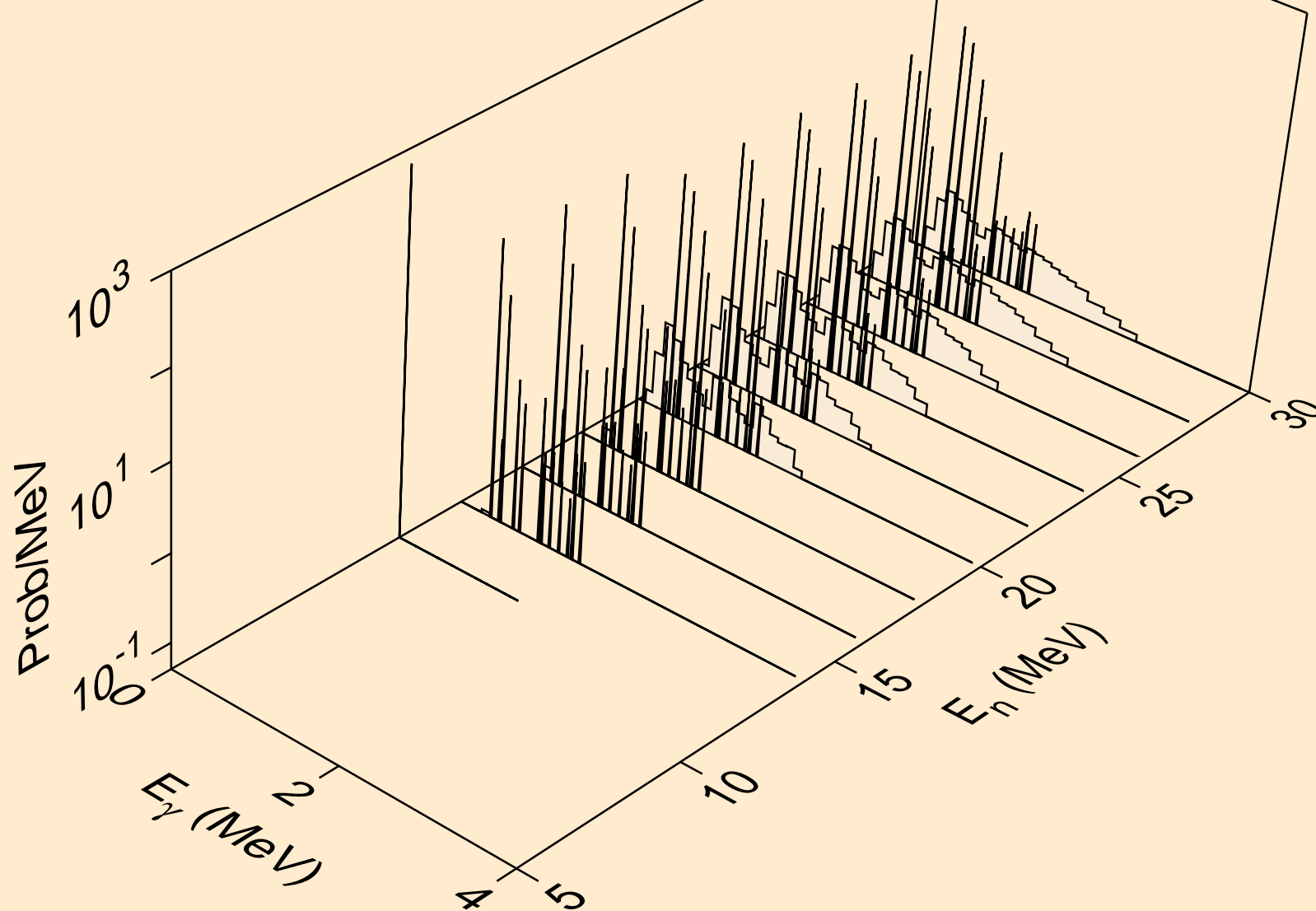
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



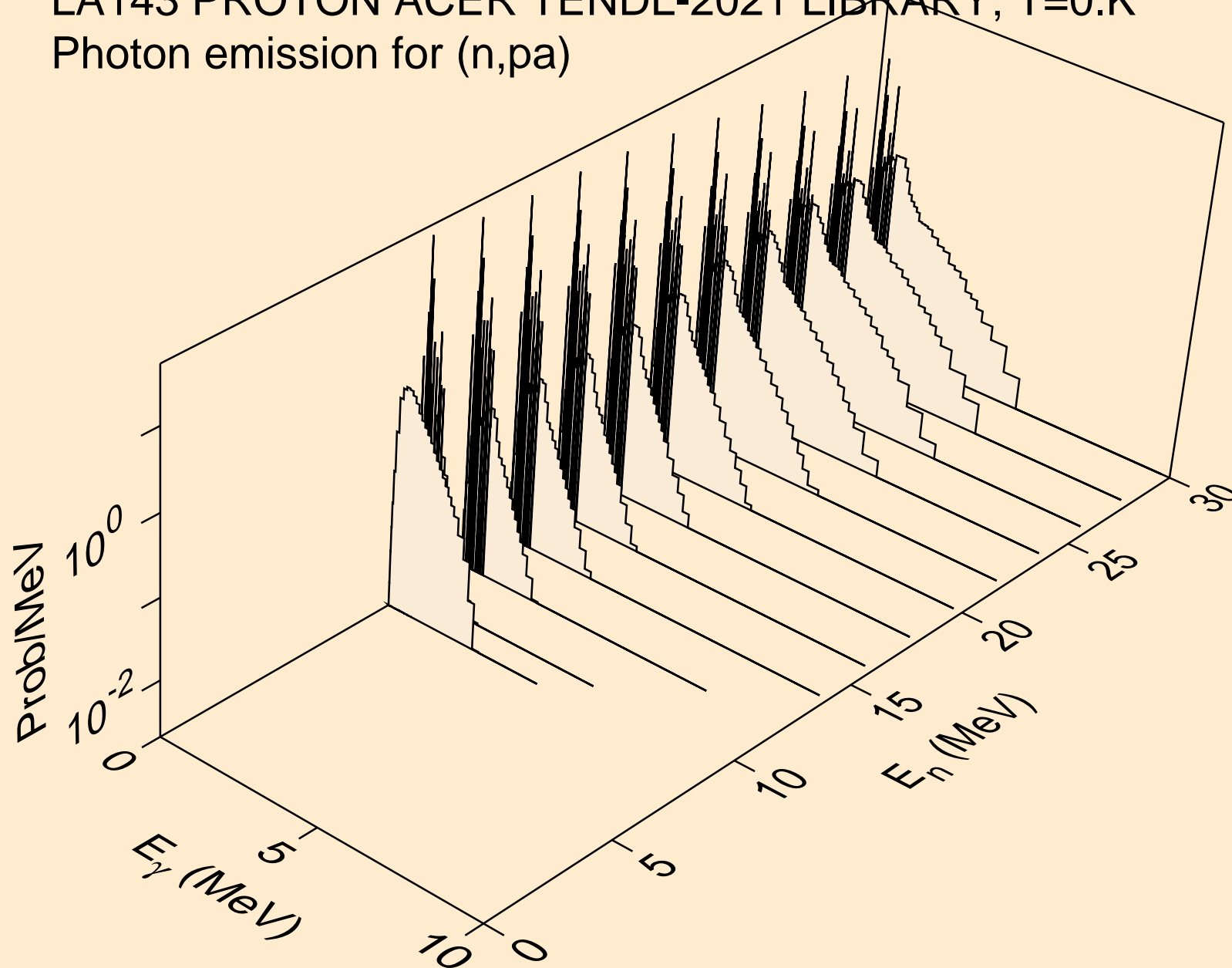
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Photon emission for (n,2a)



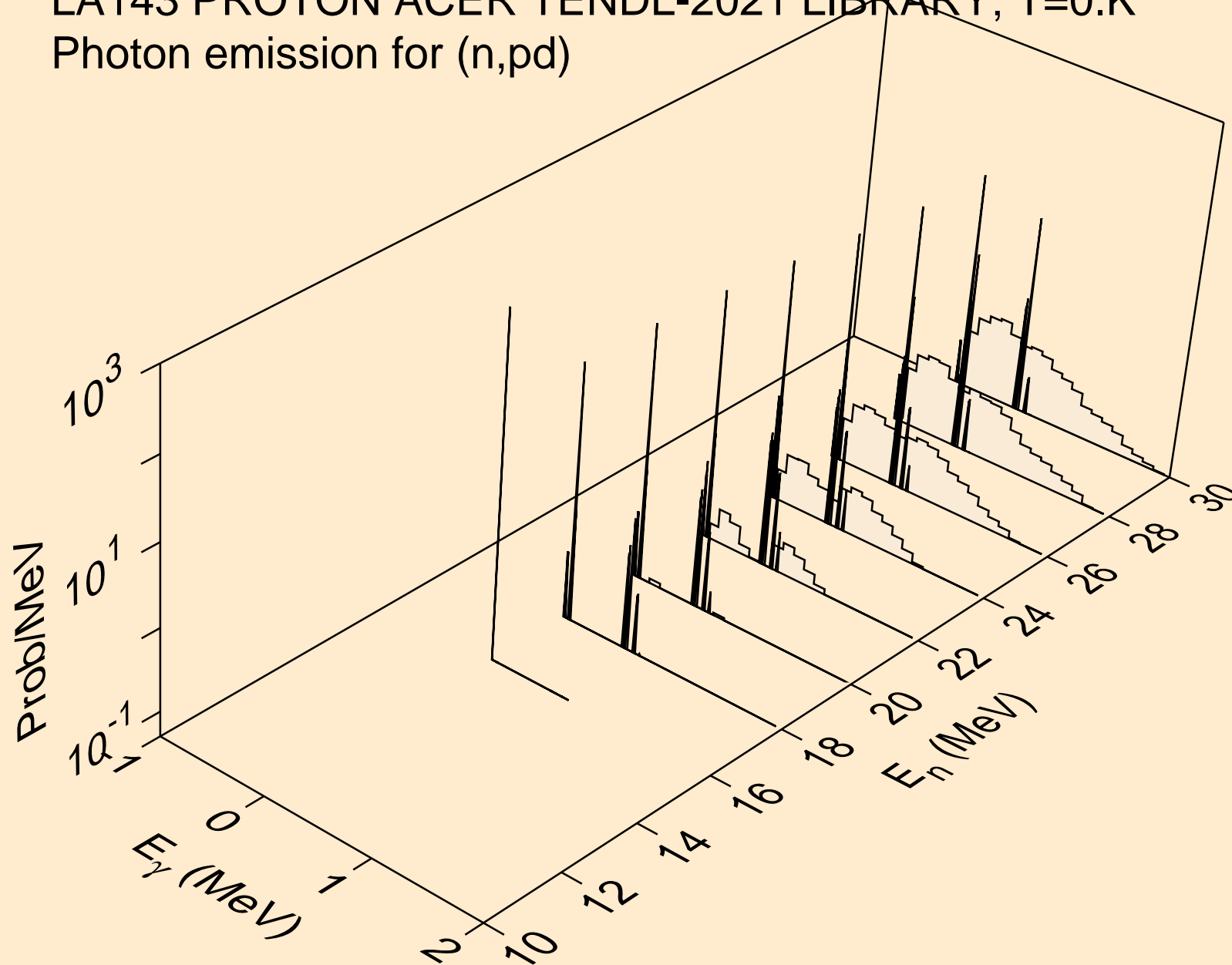
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p) $\alpha$

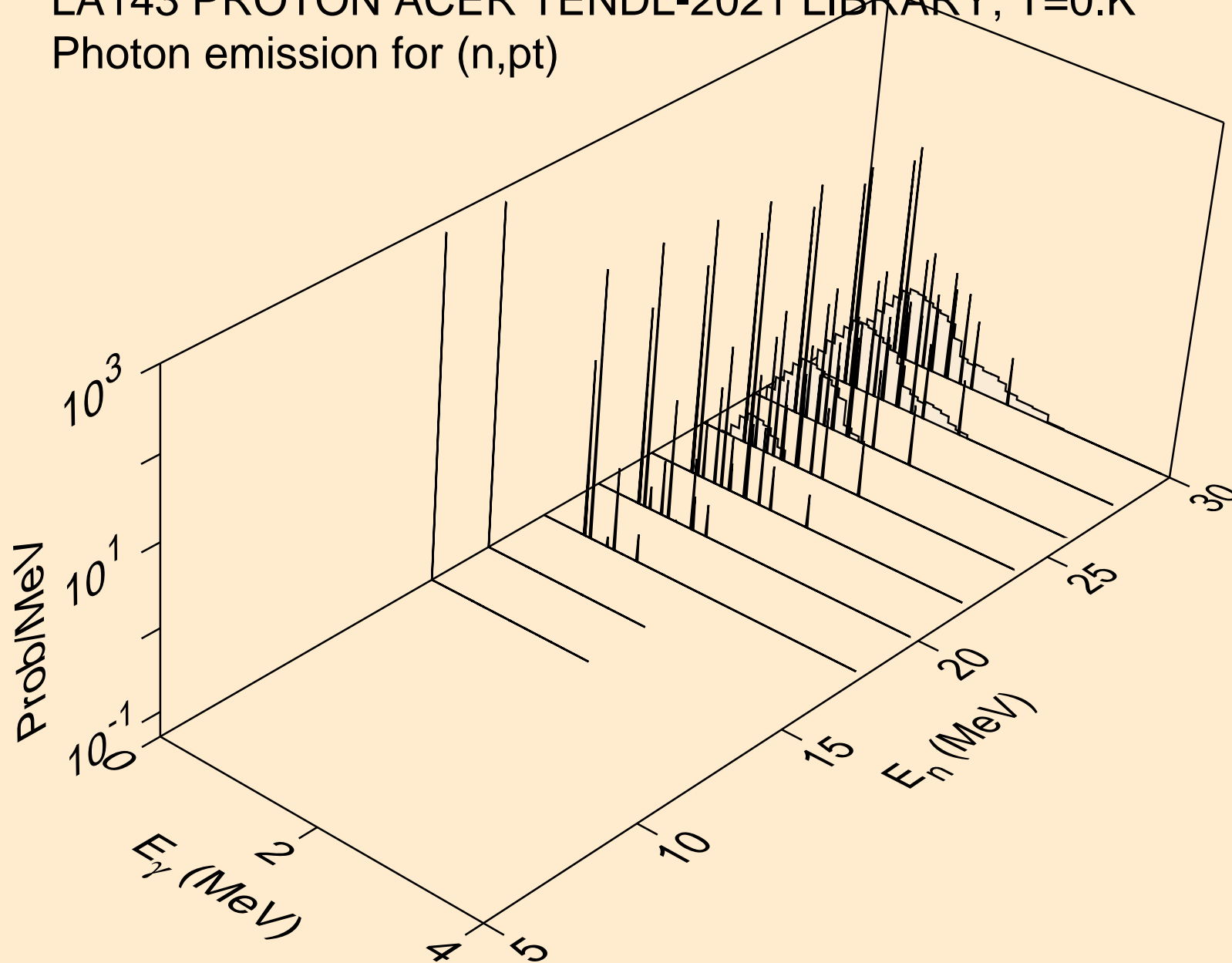


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

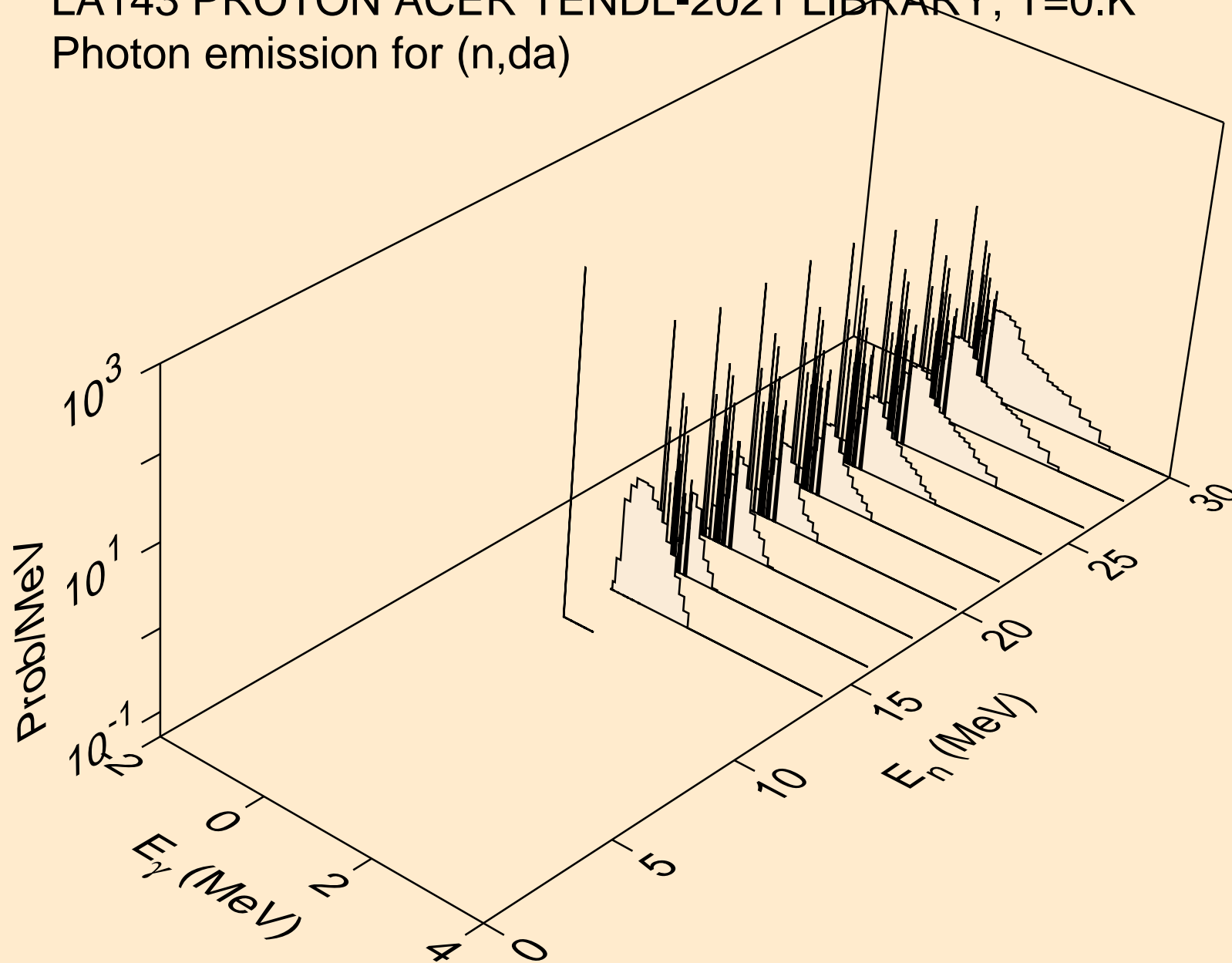




LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

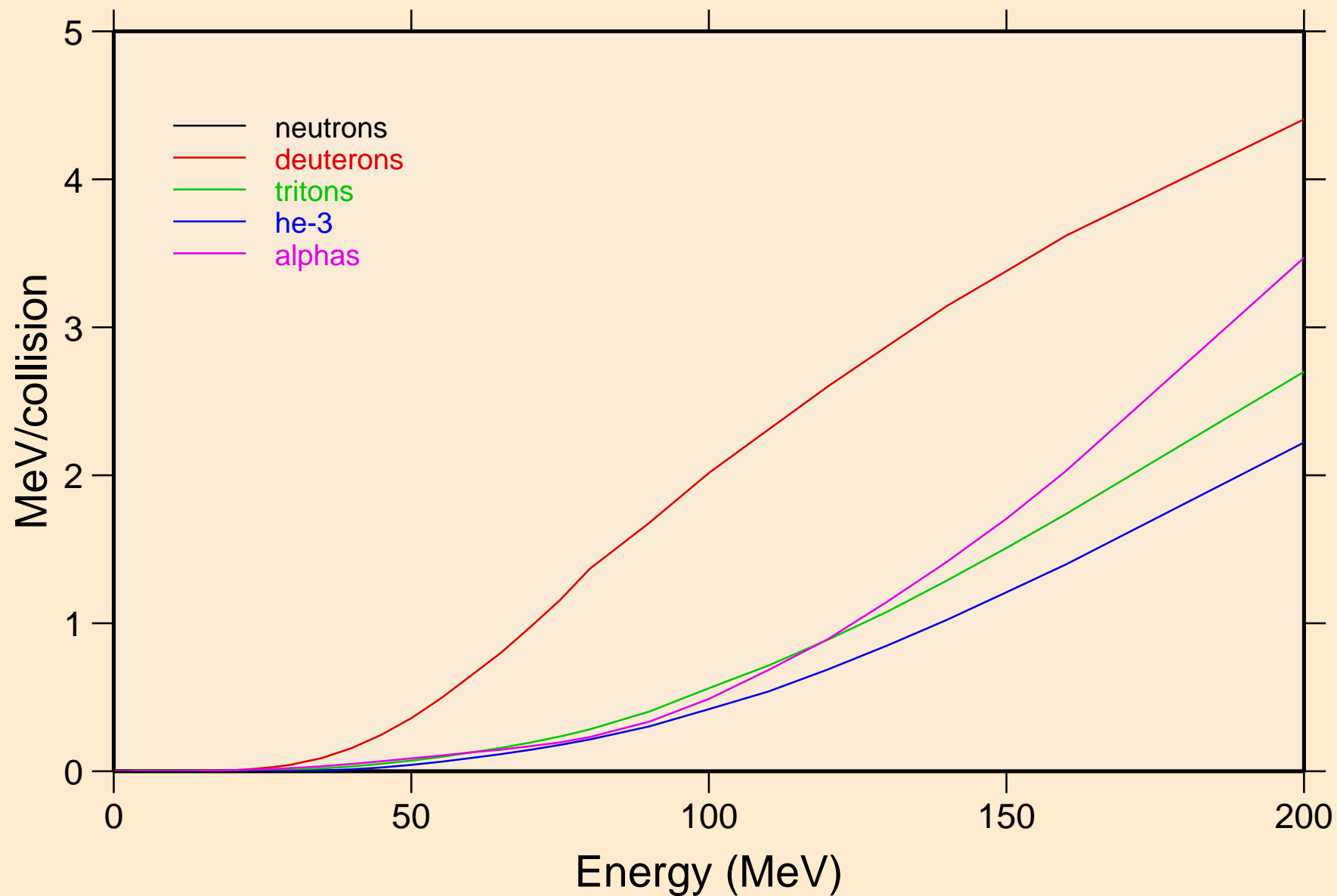


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



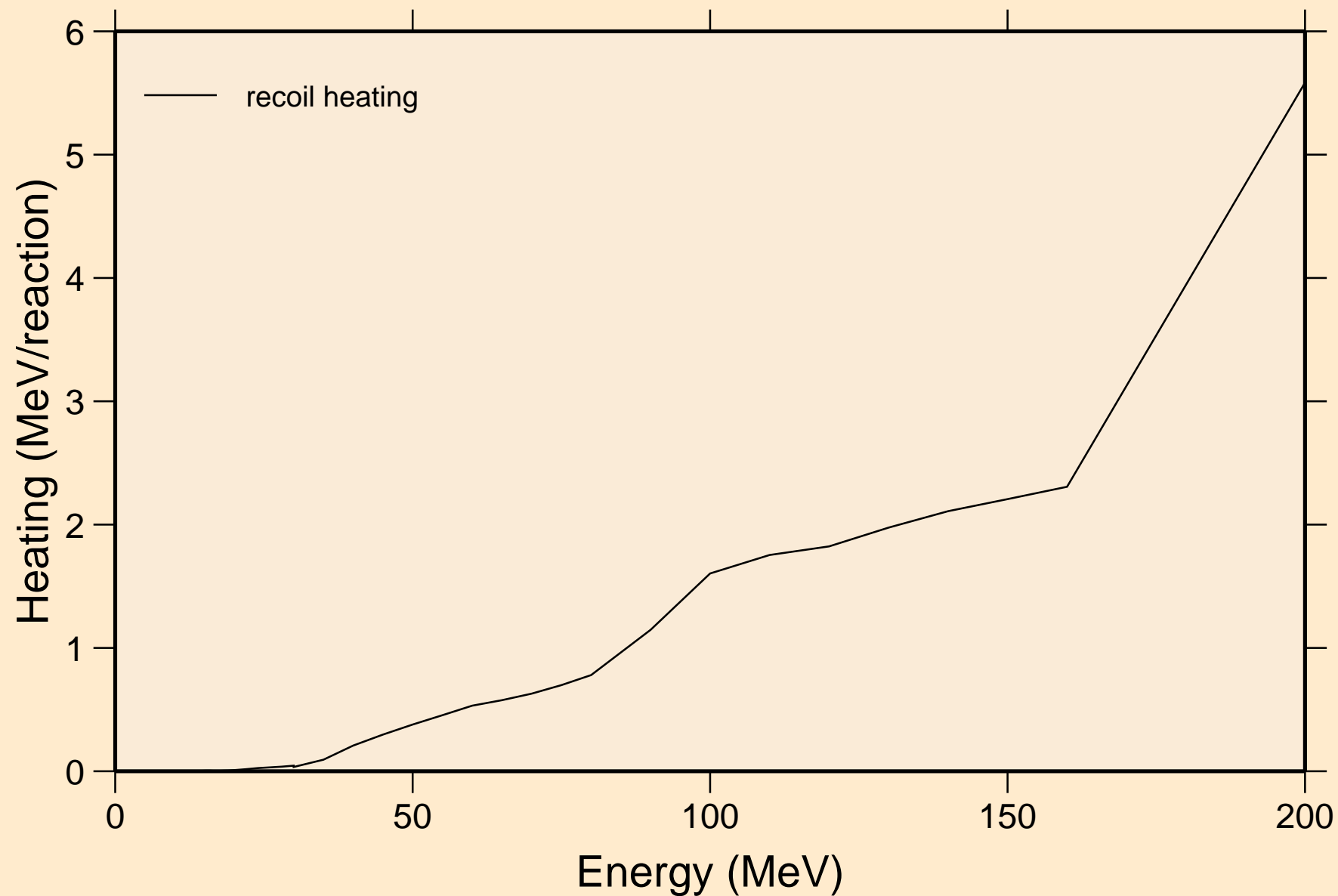
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



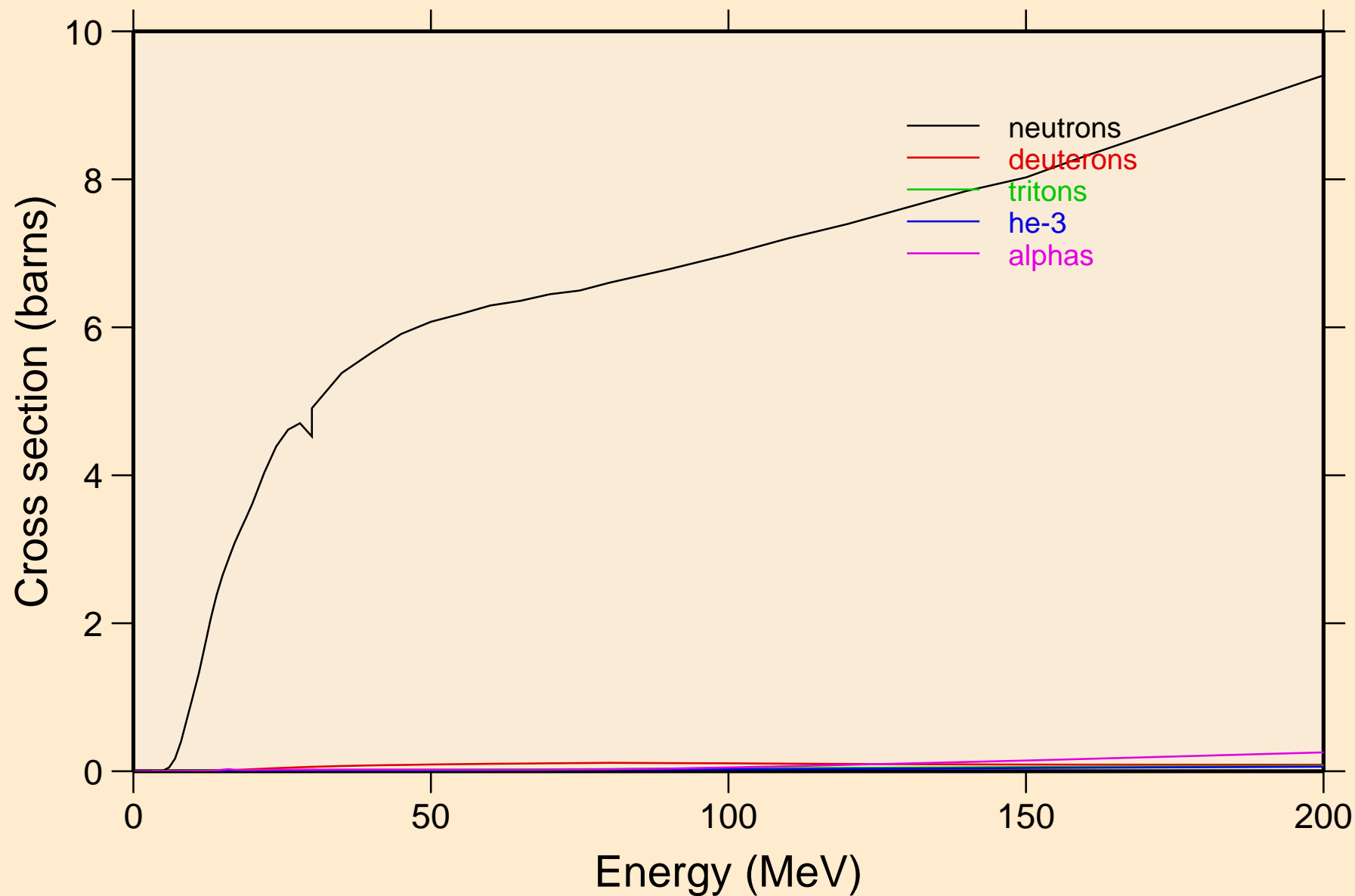
# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

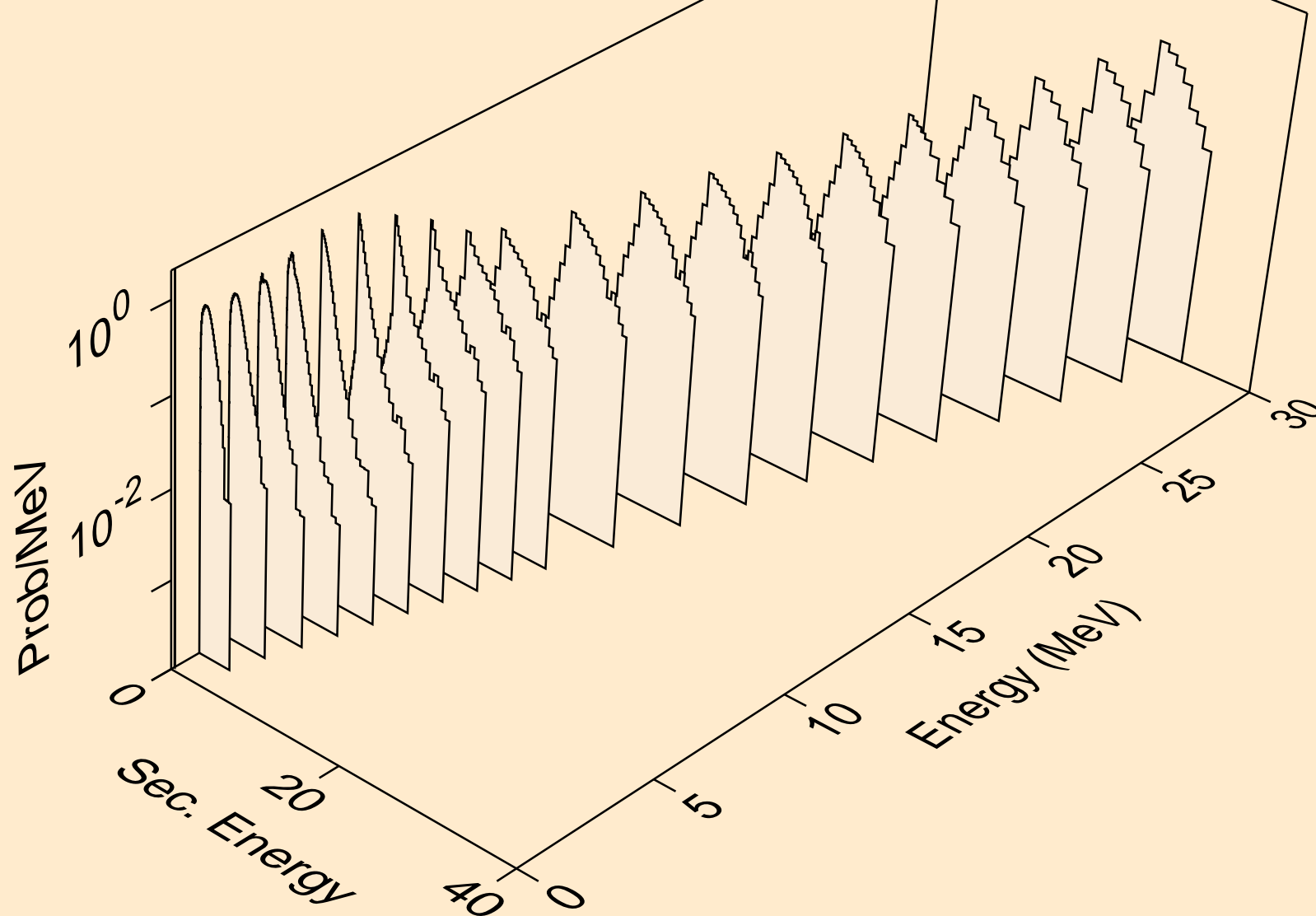


# LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K

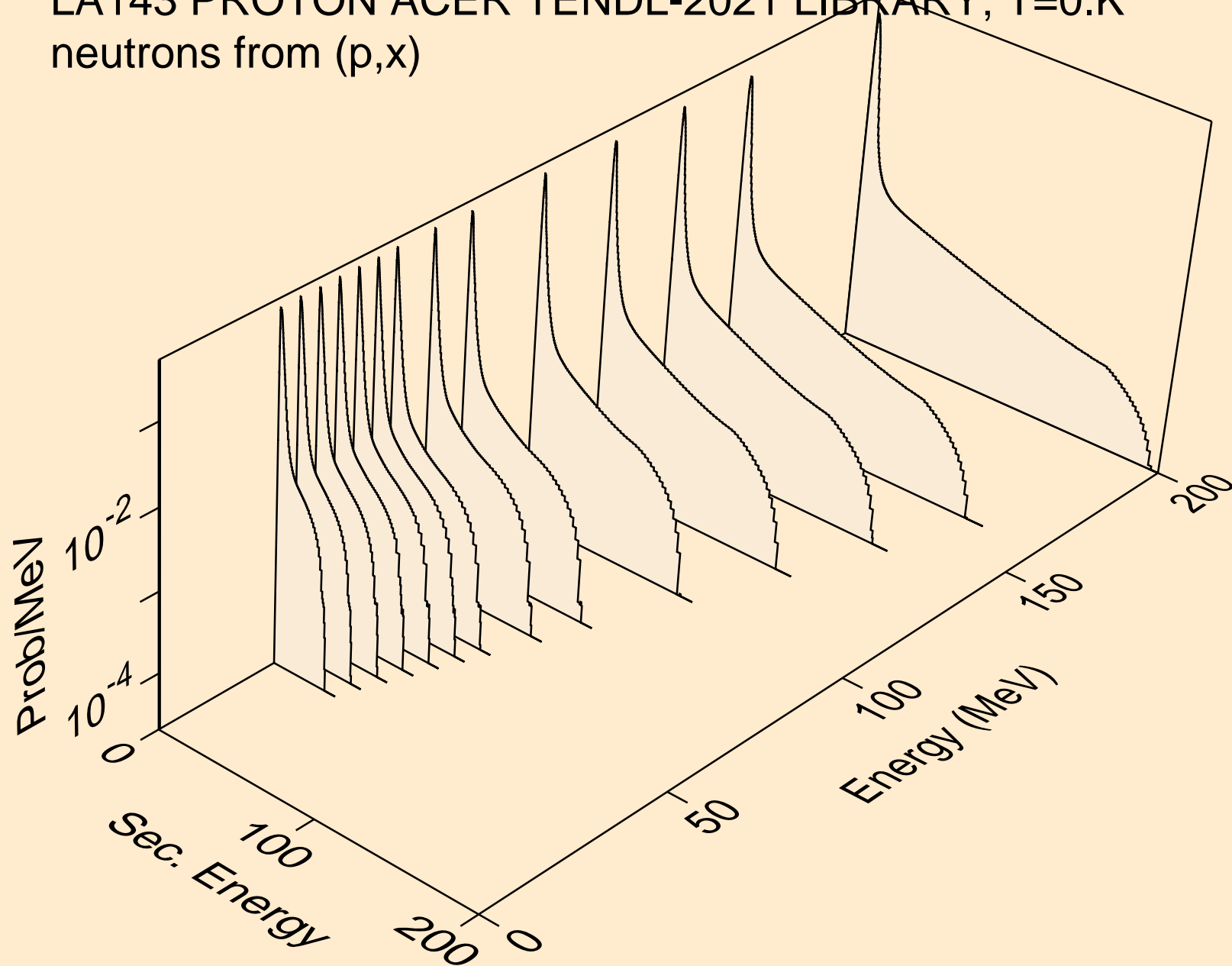
Particle production cross sections



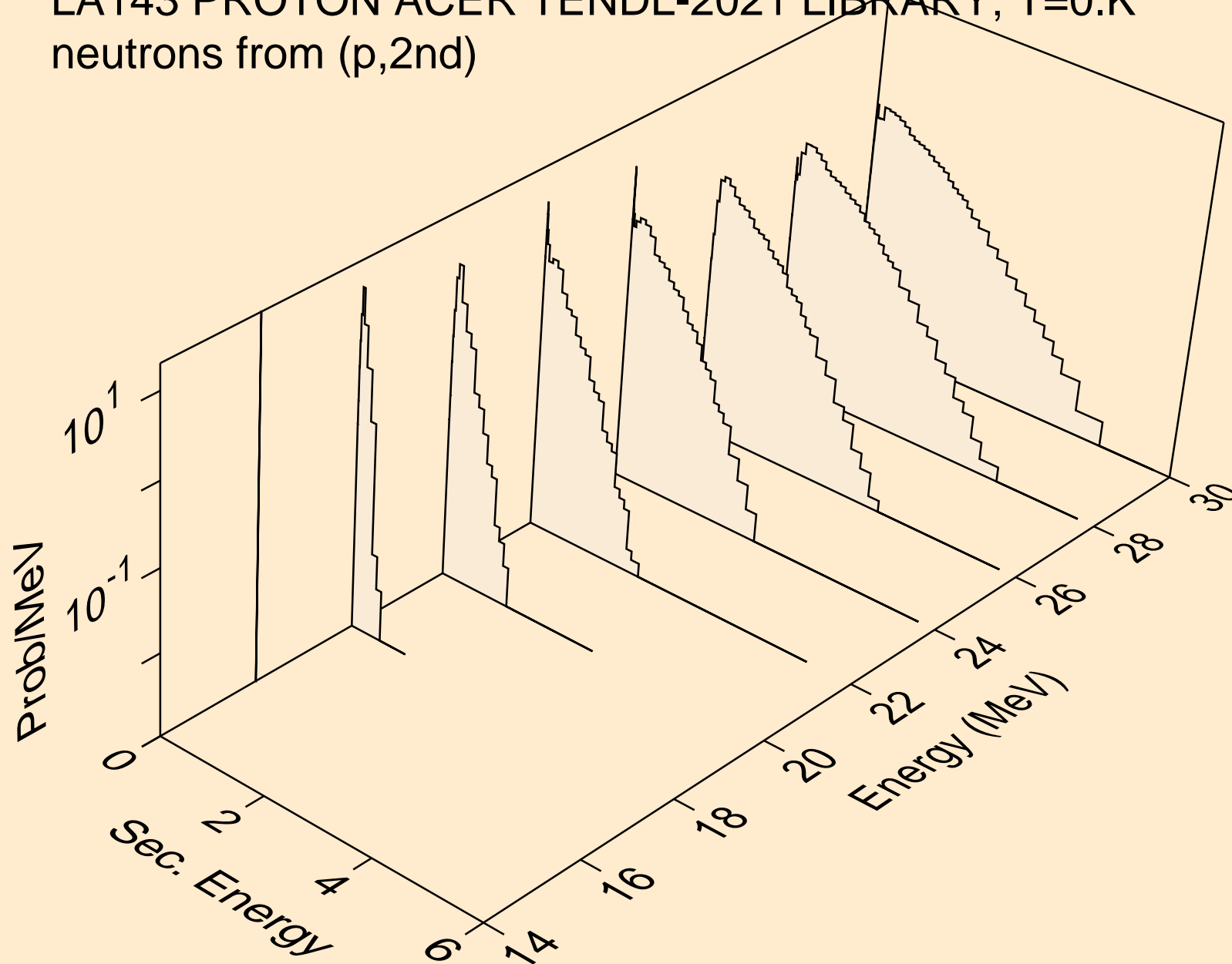
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

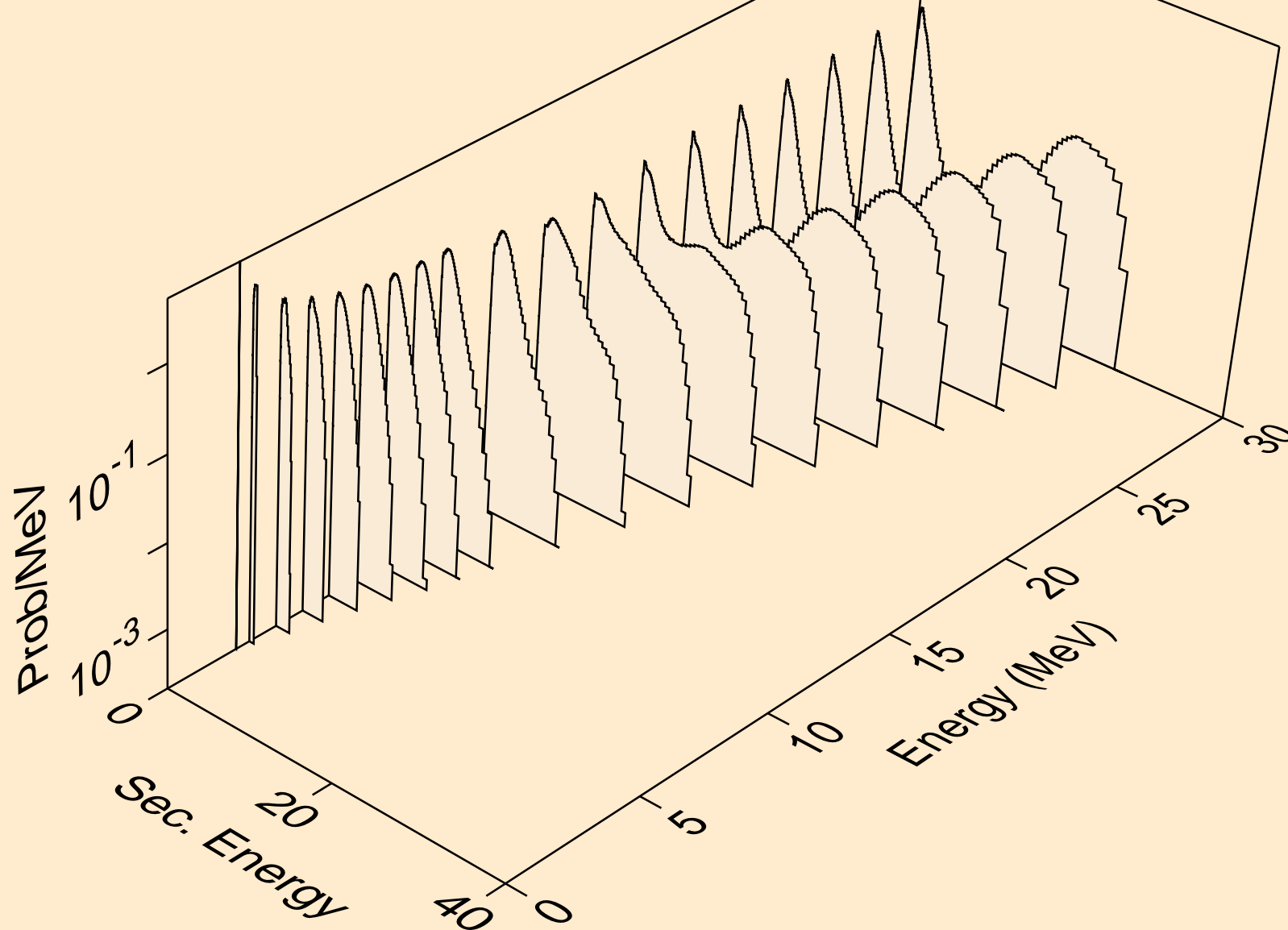


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

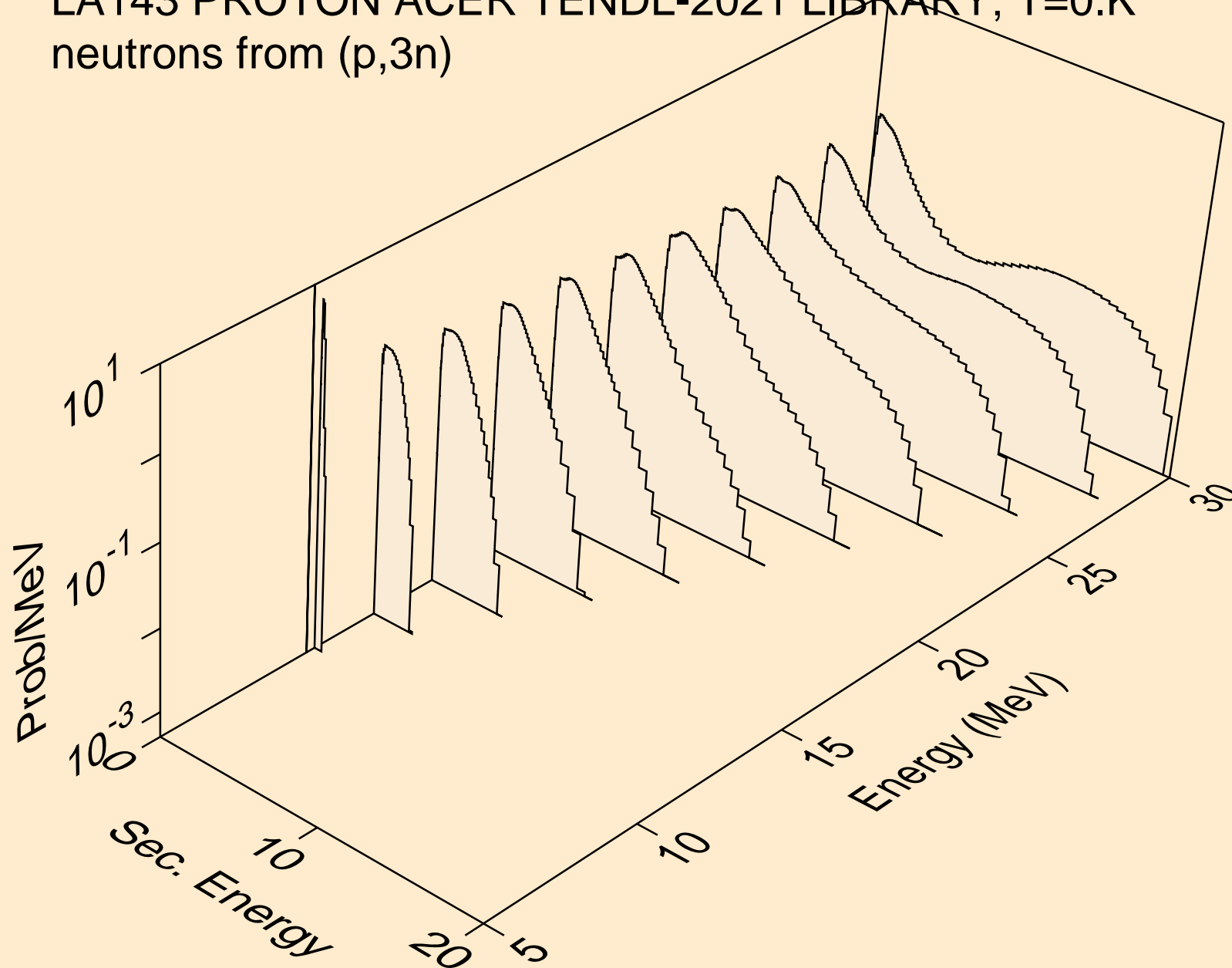




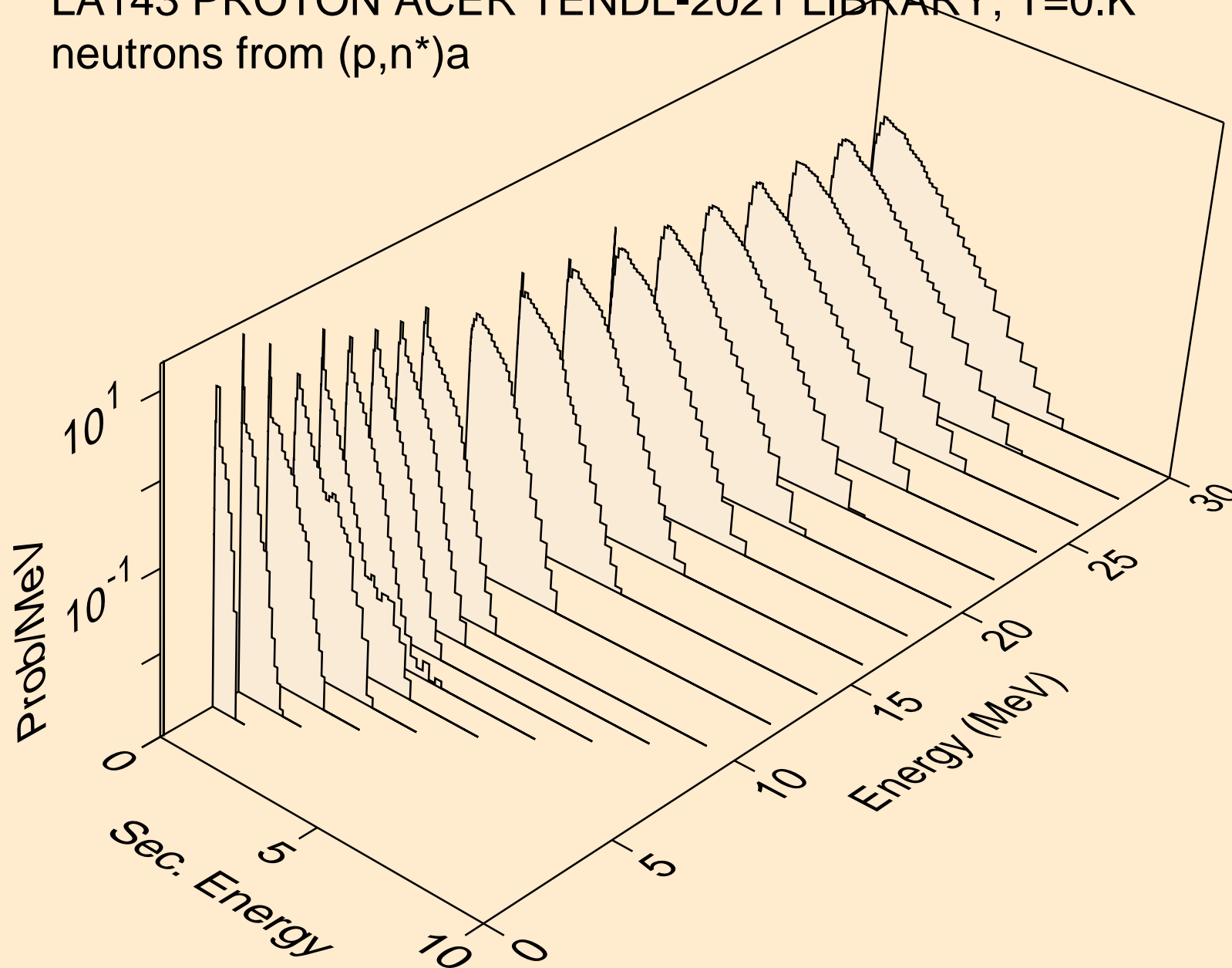
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



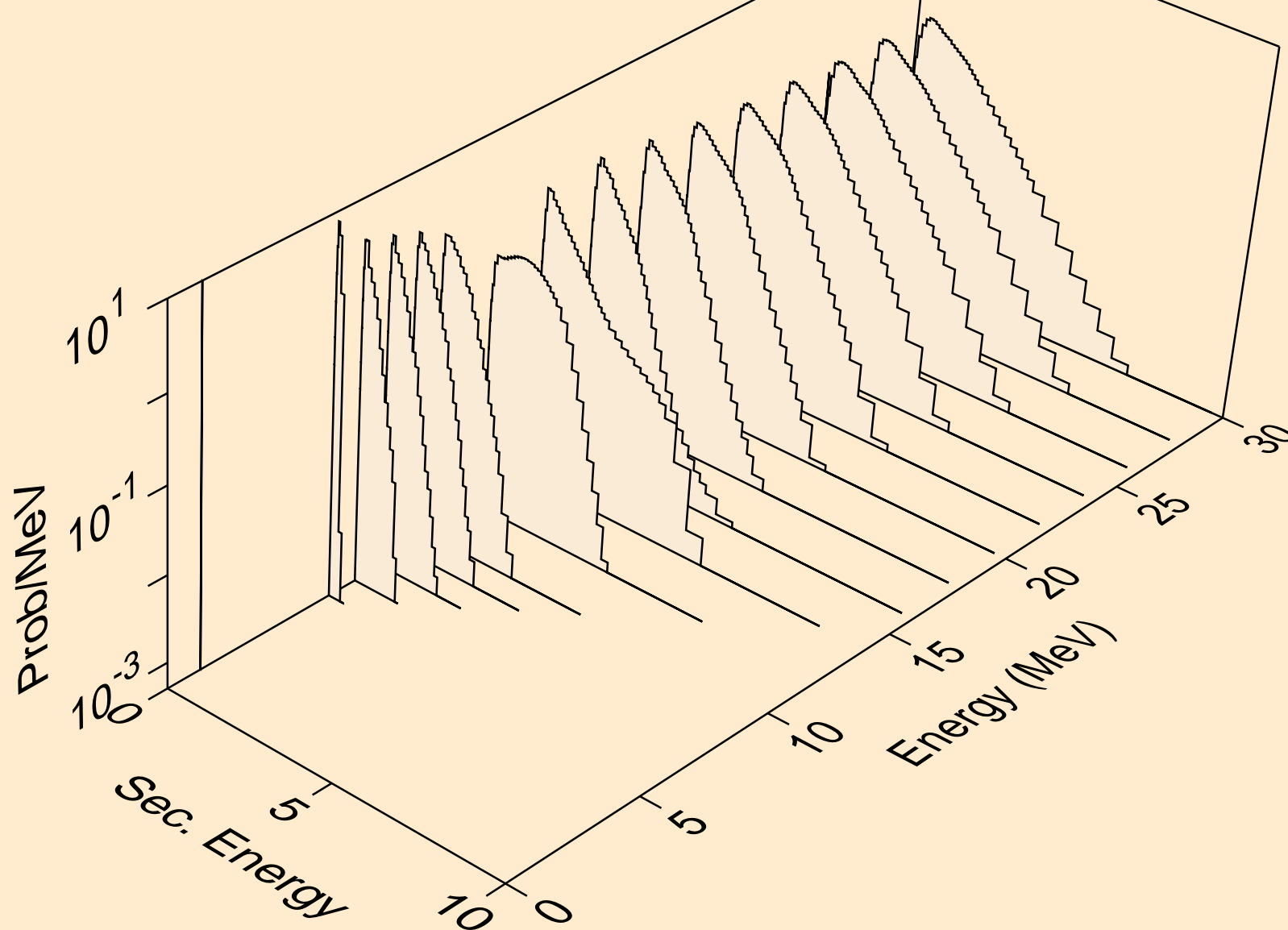
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



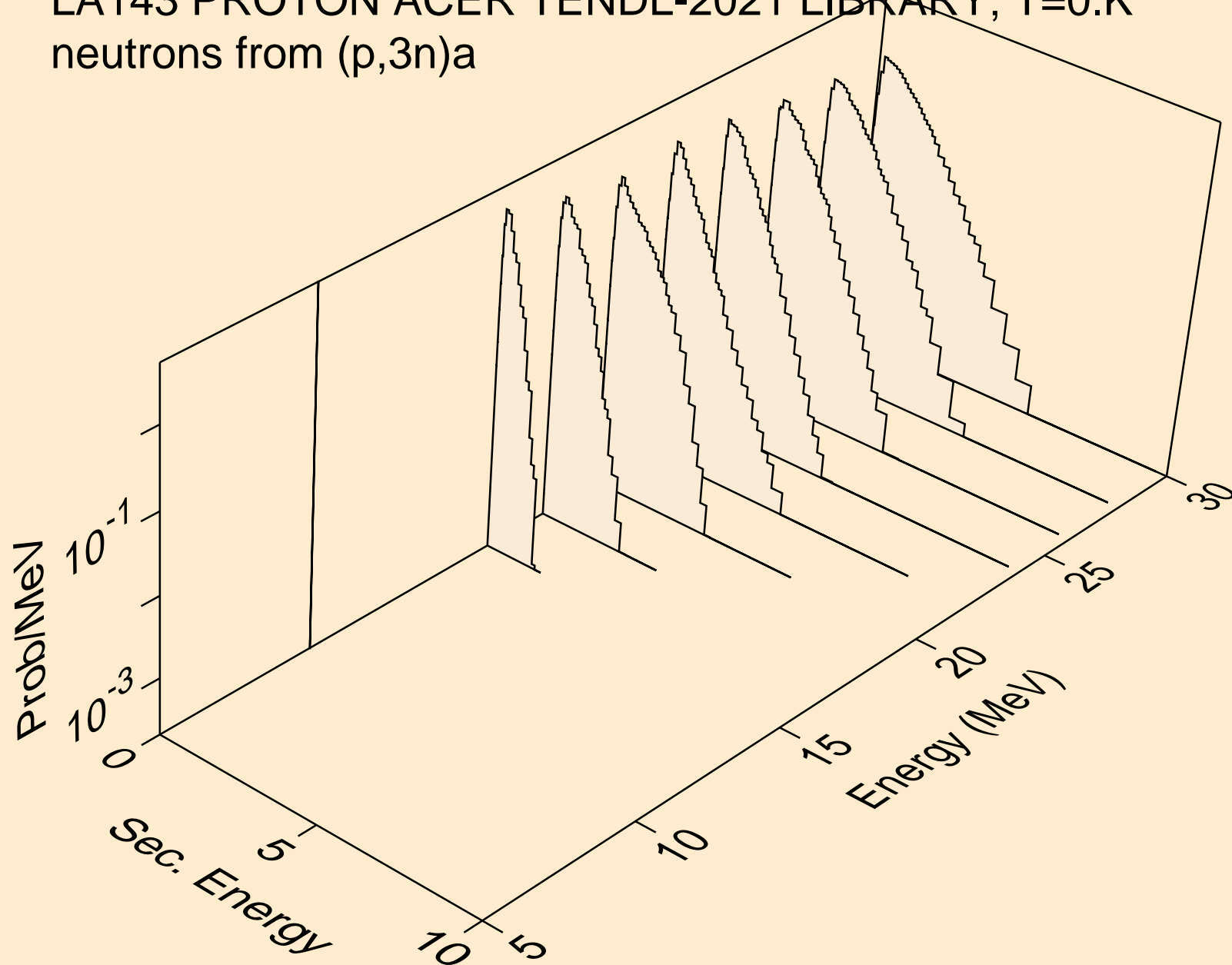
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



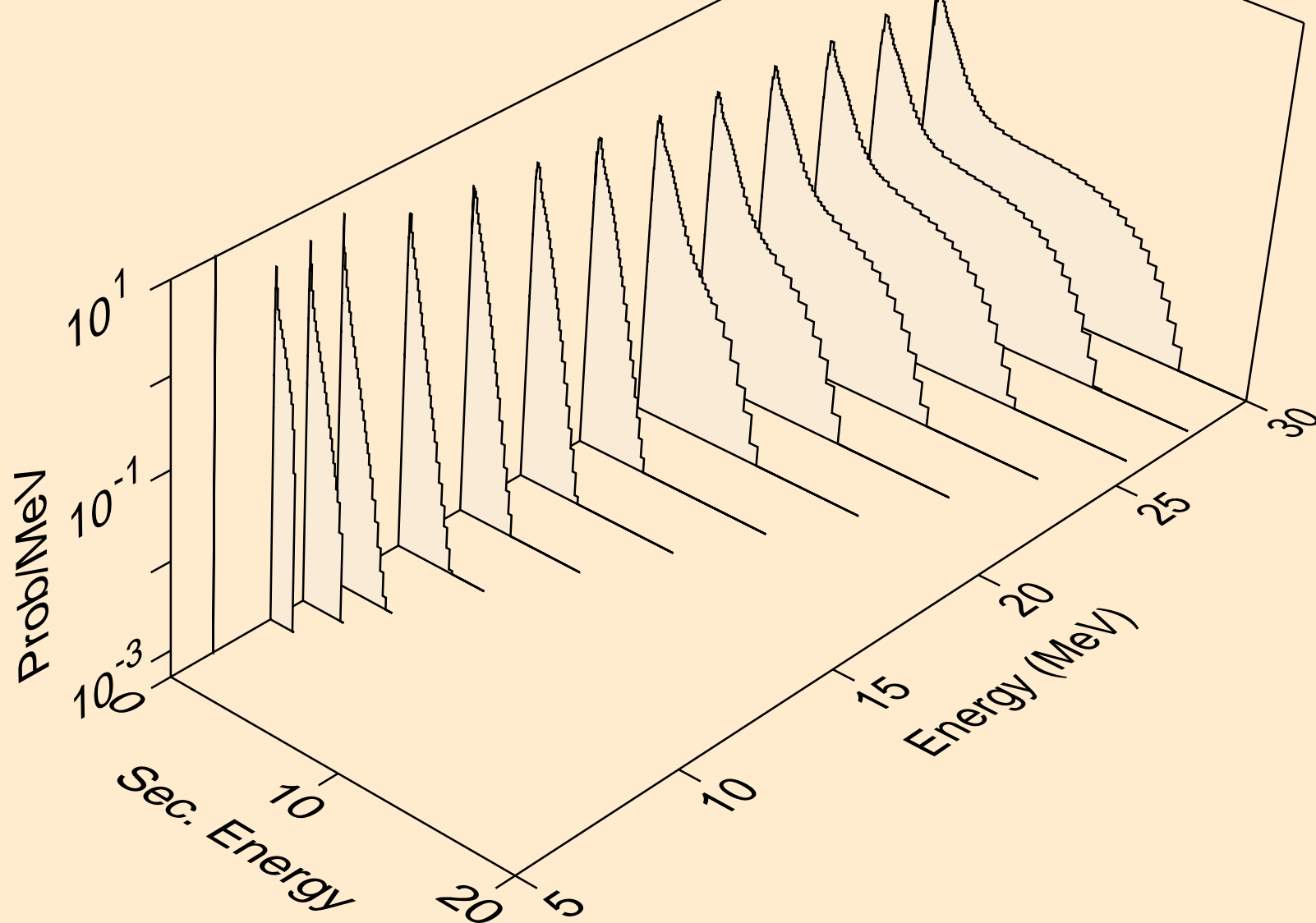
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



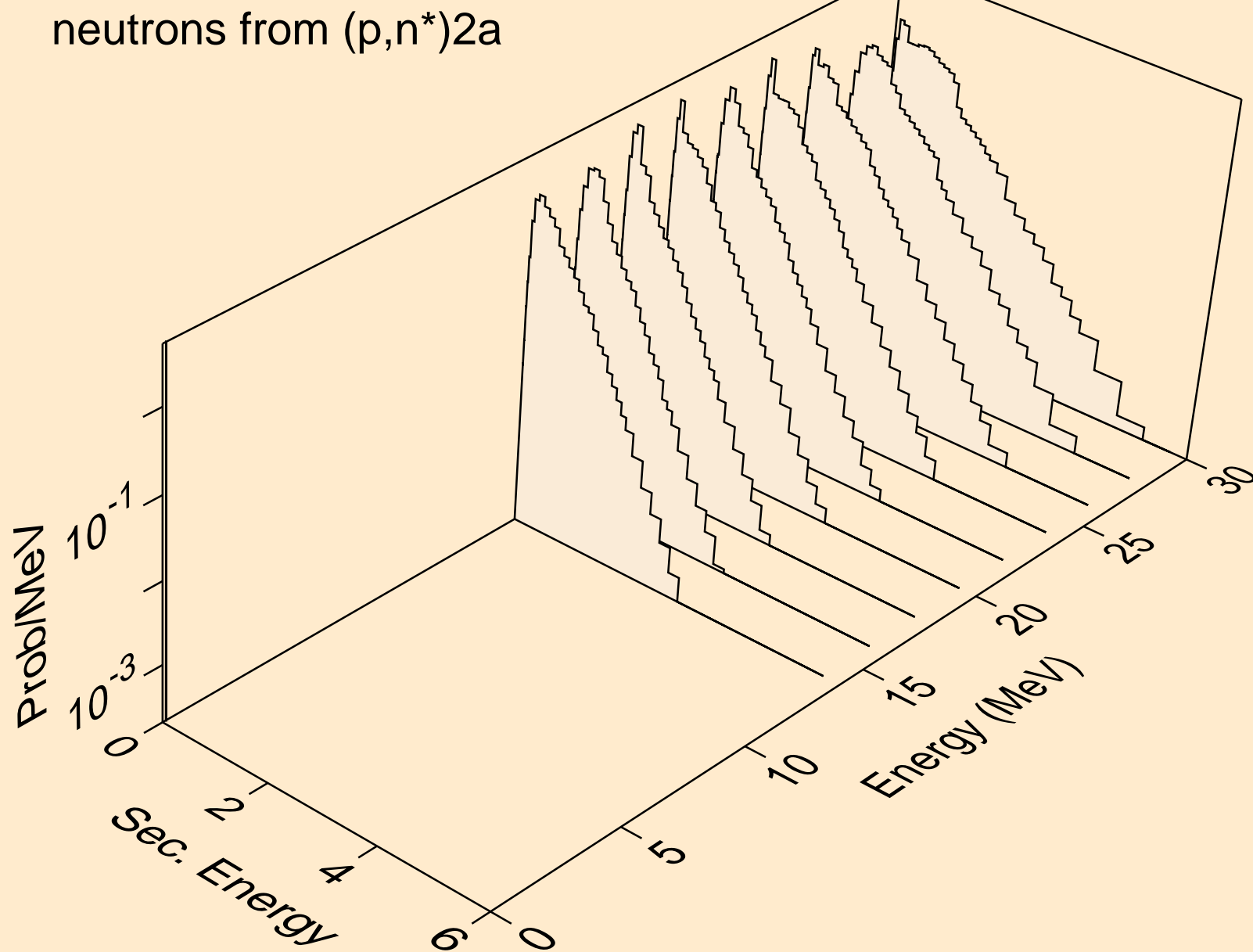
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



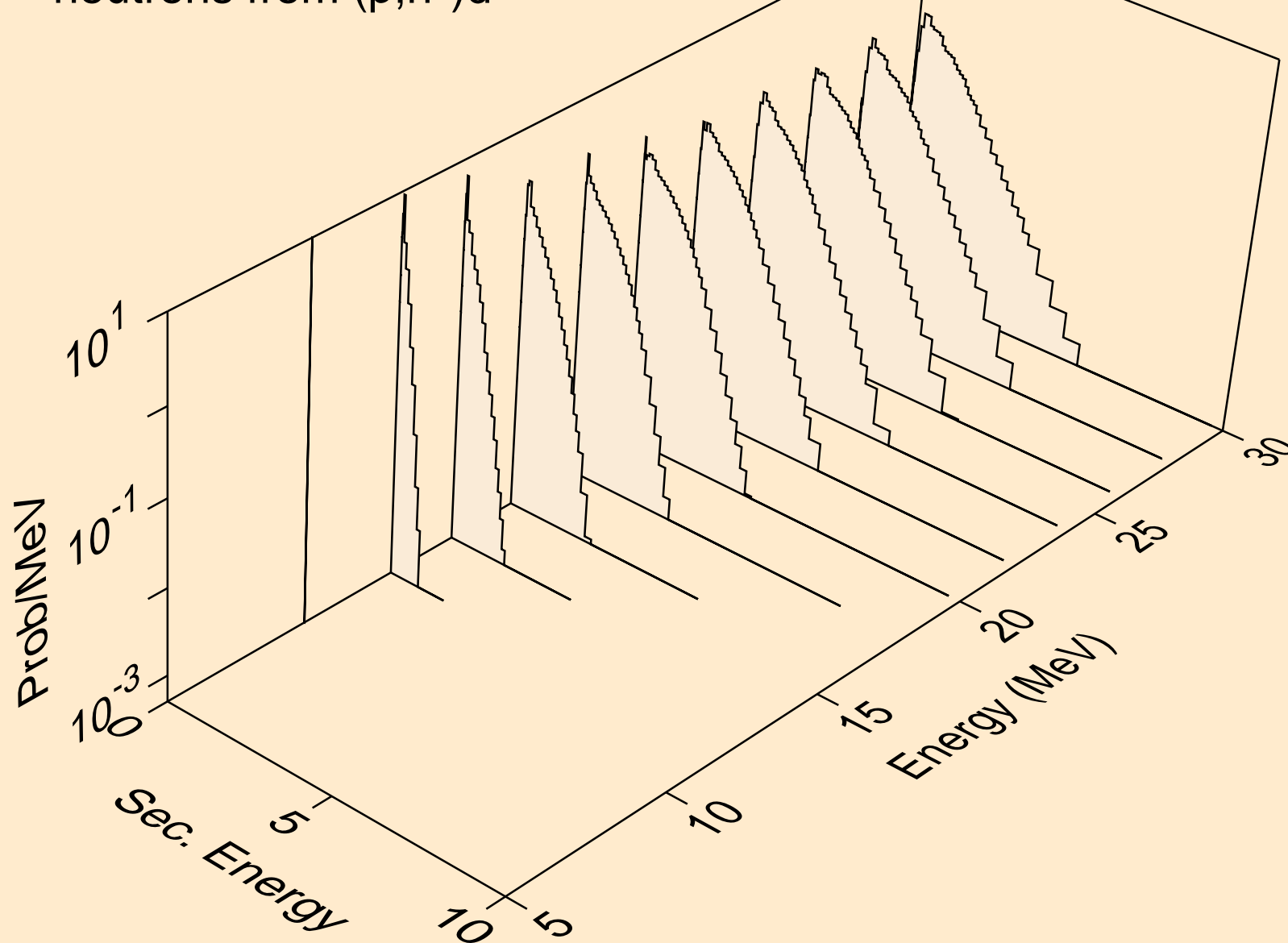
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

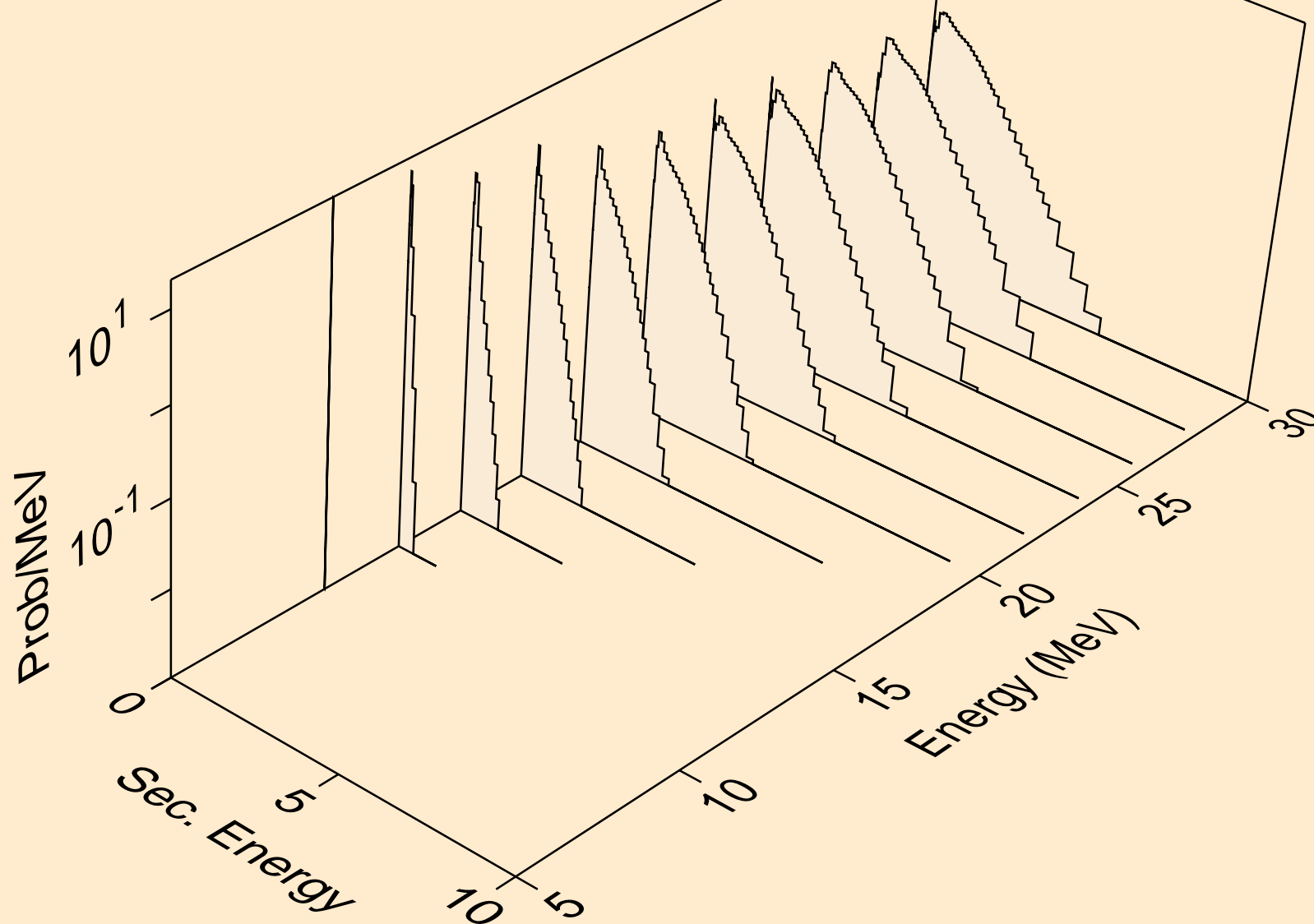


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

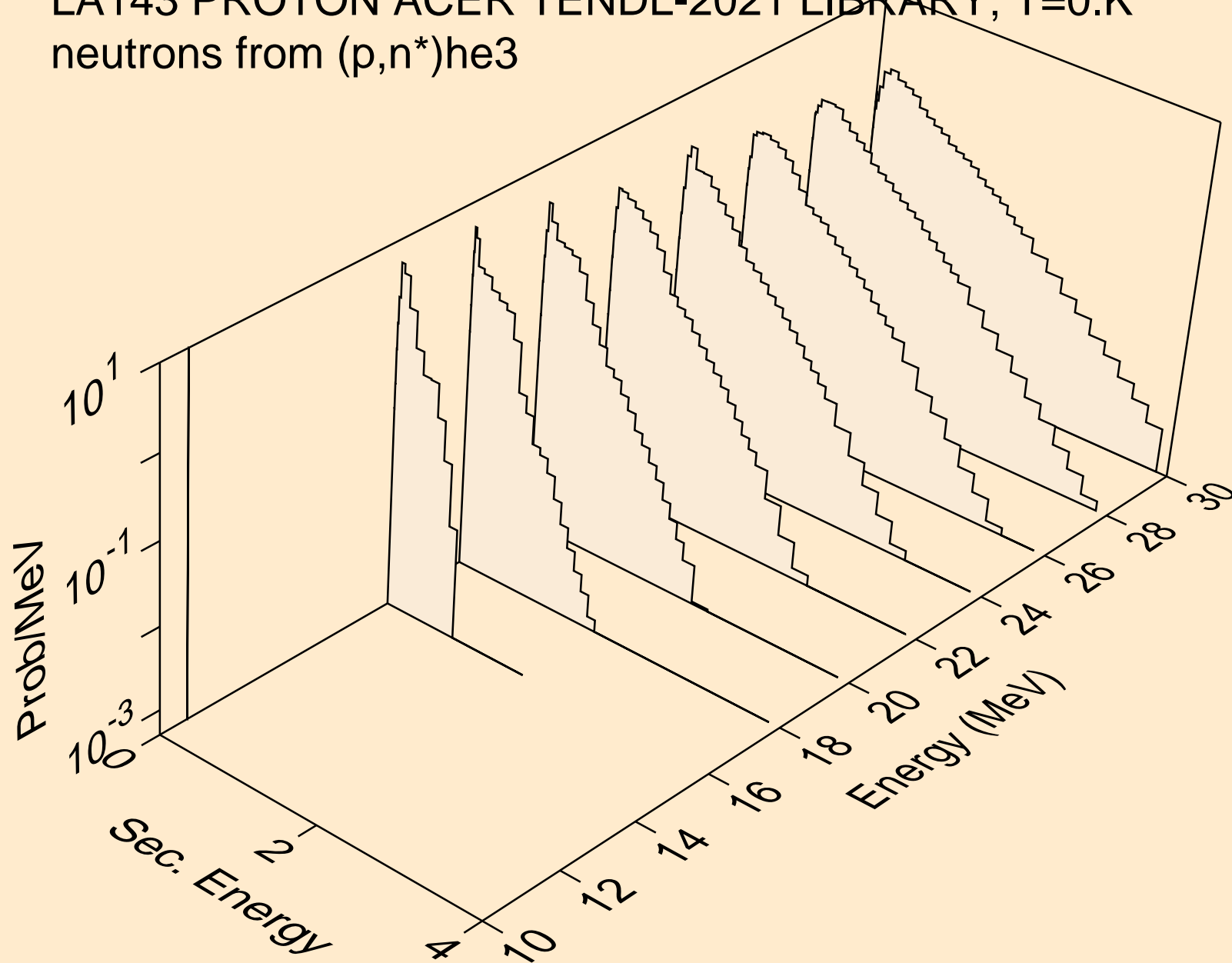




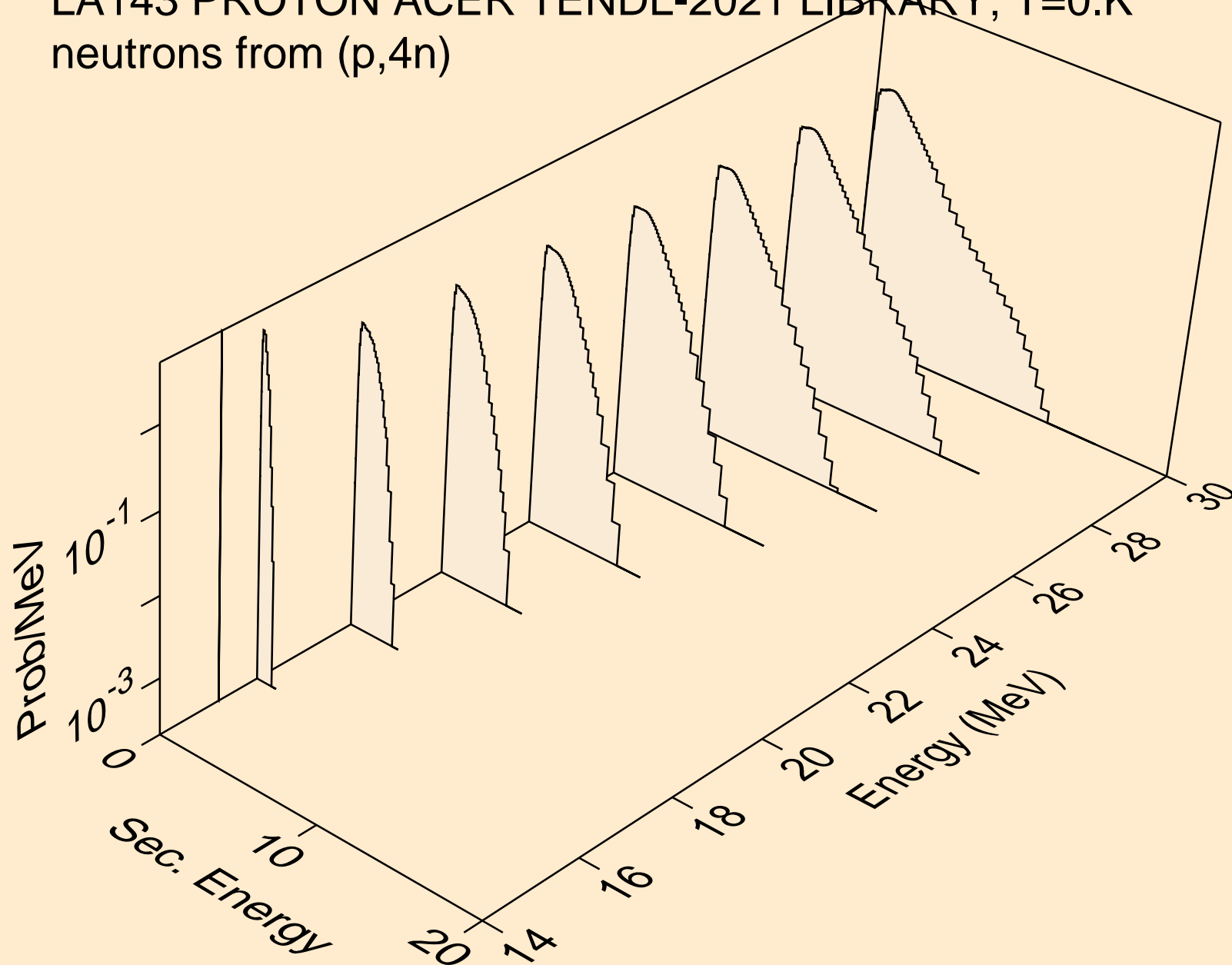
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



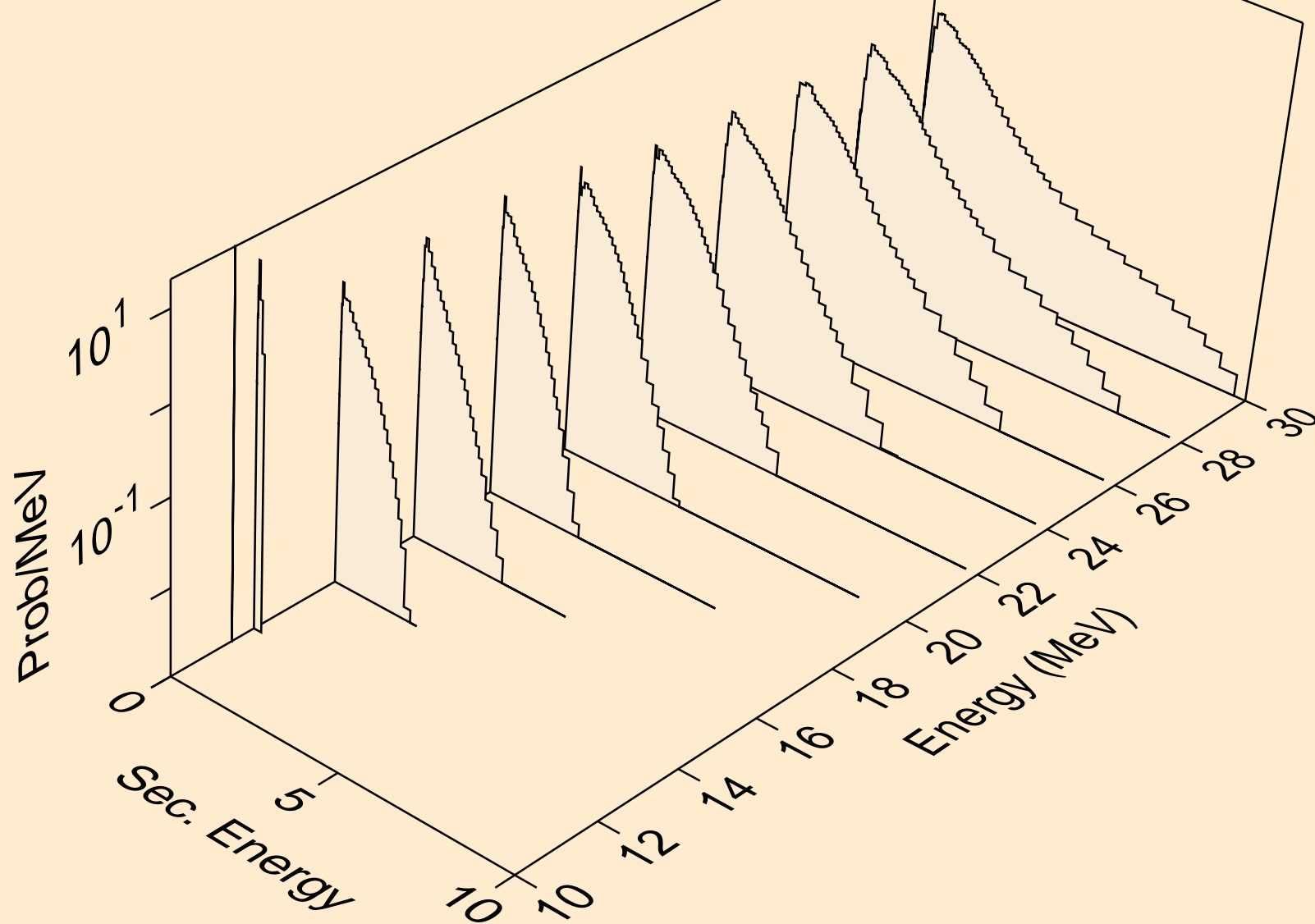
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



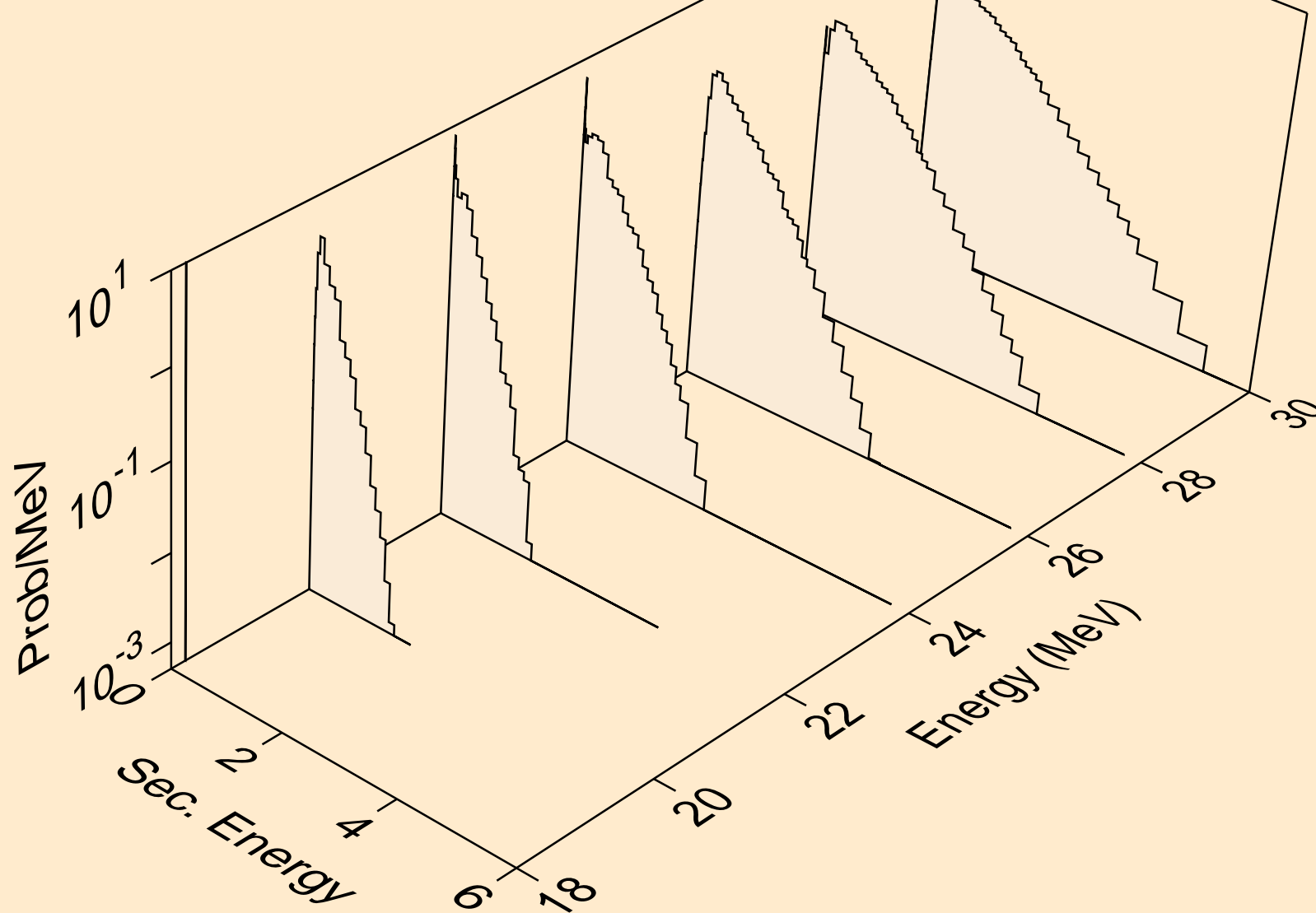
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



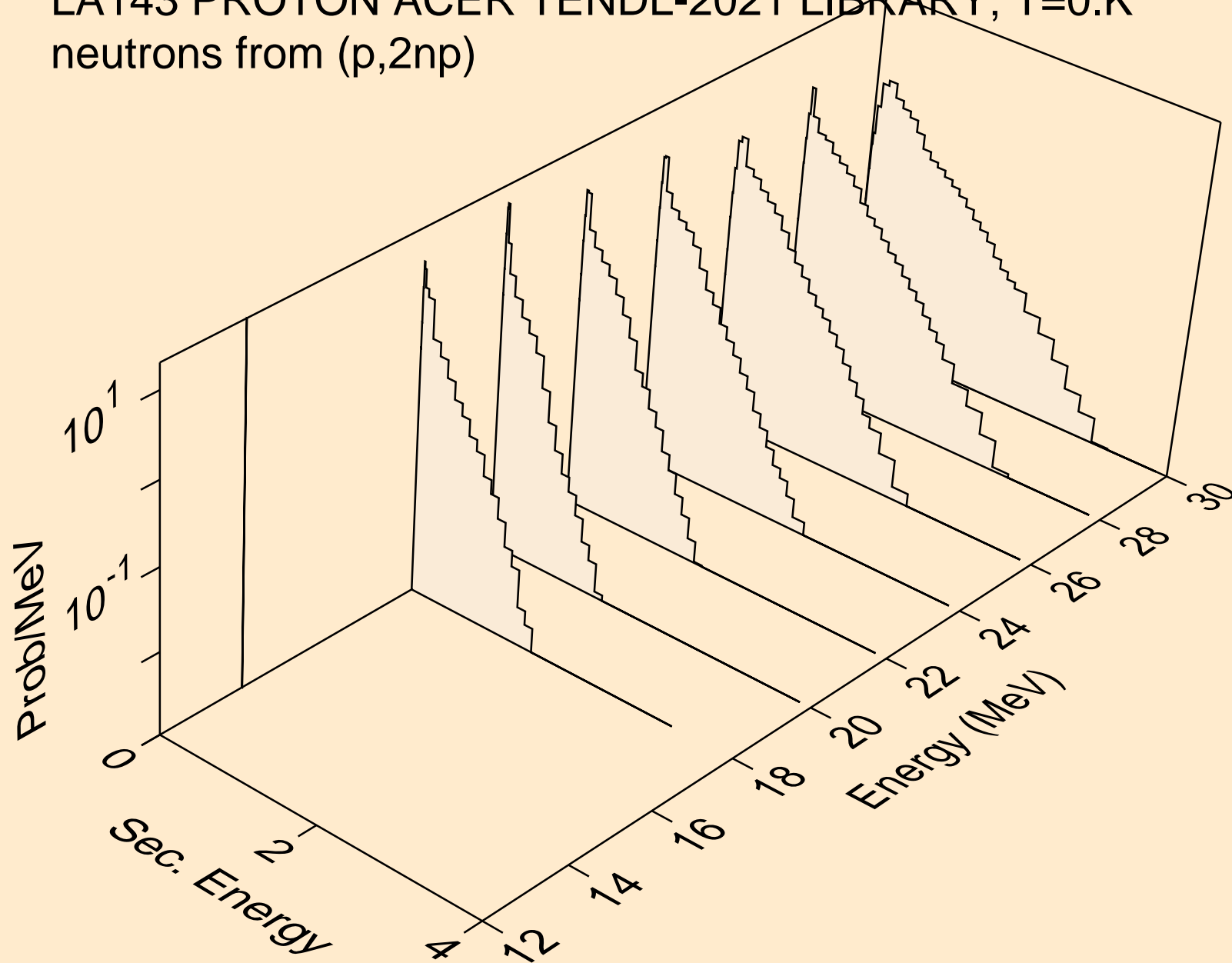
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



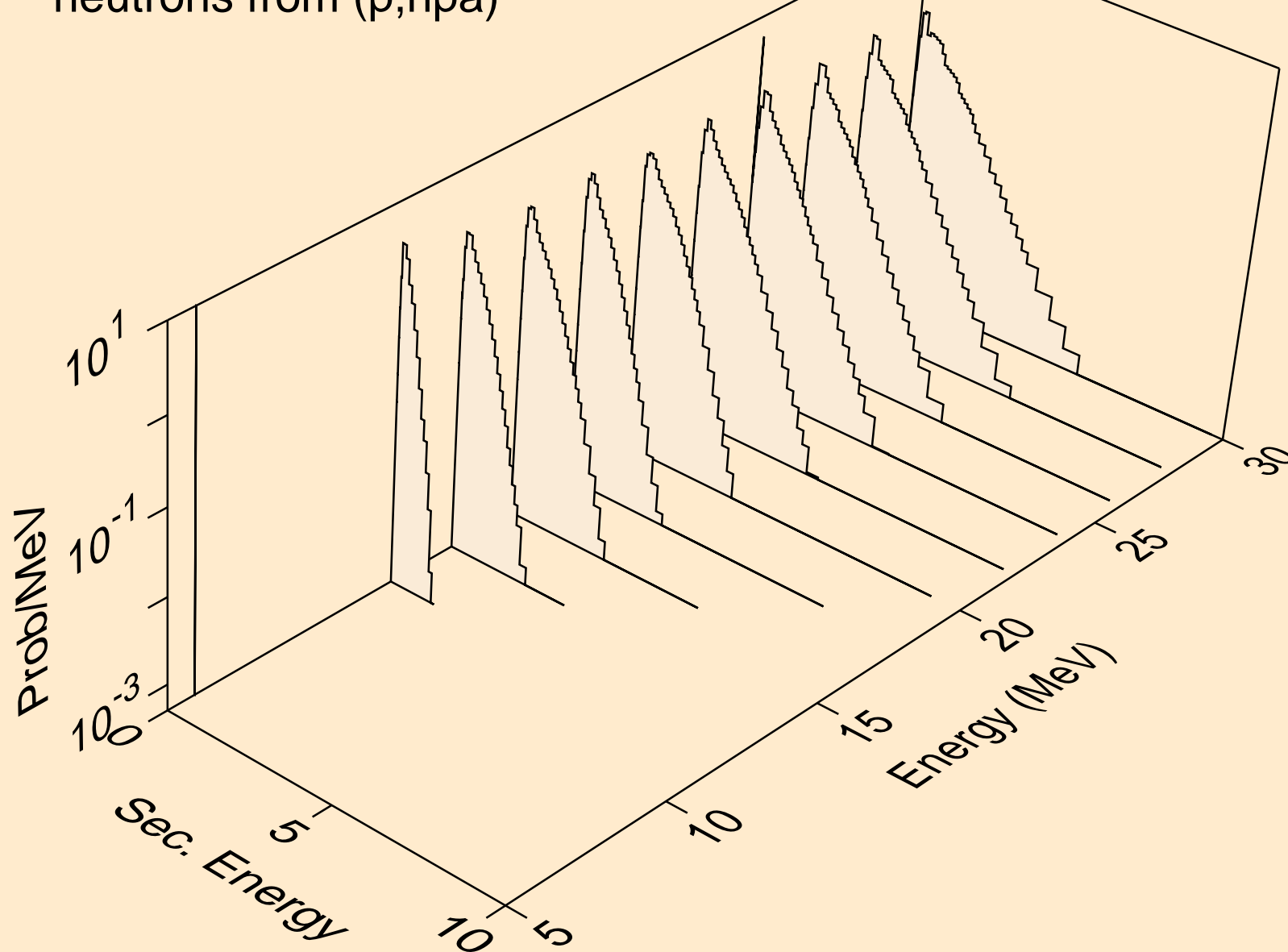
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



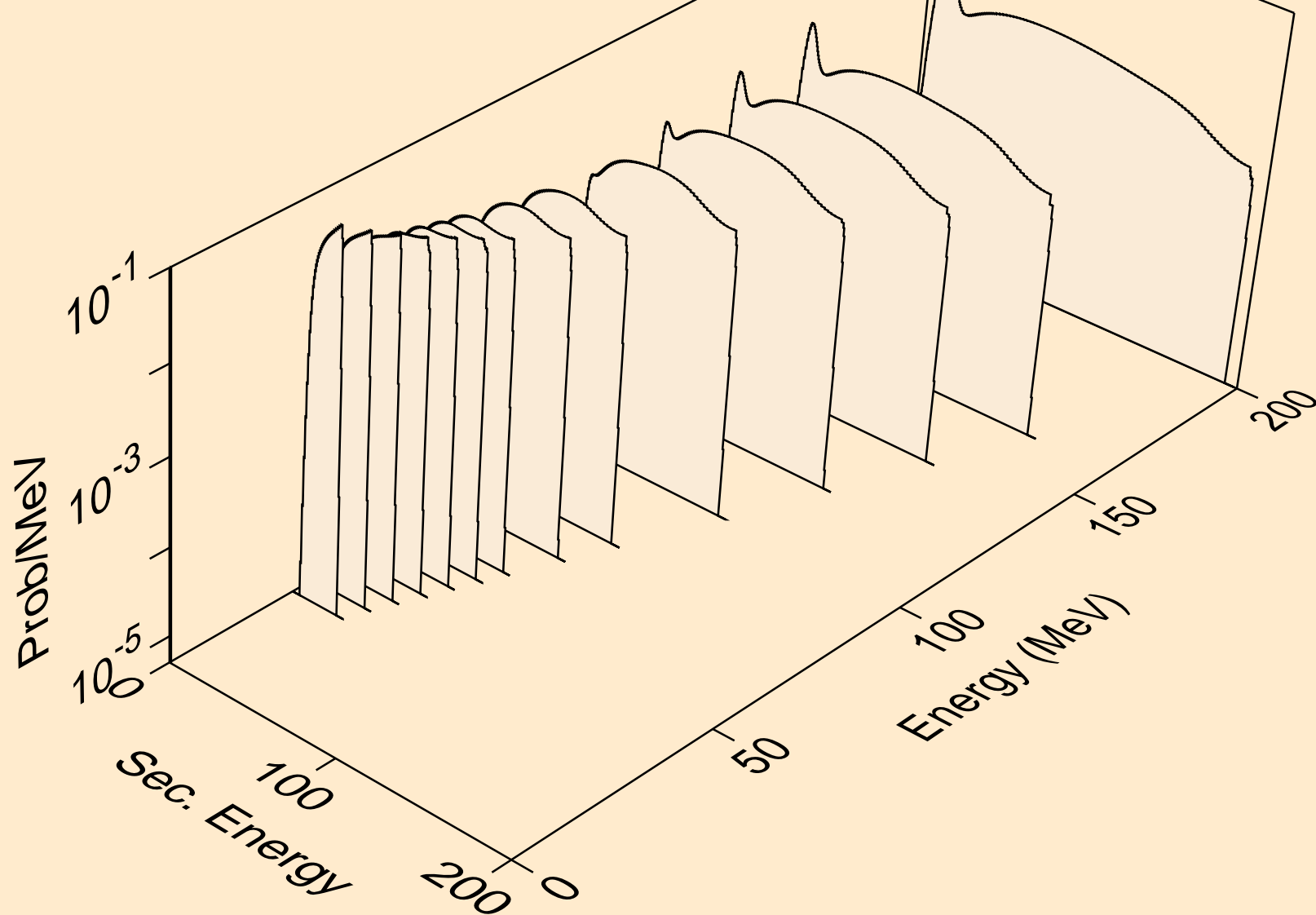
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)

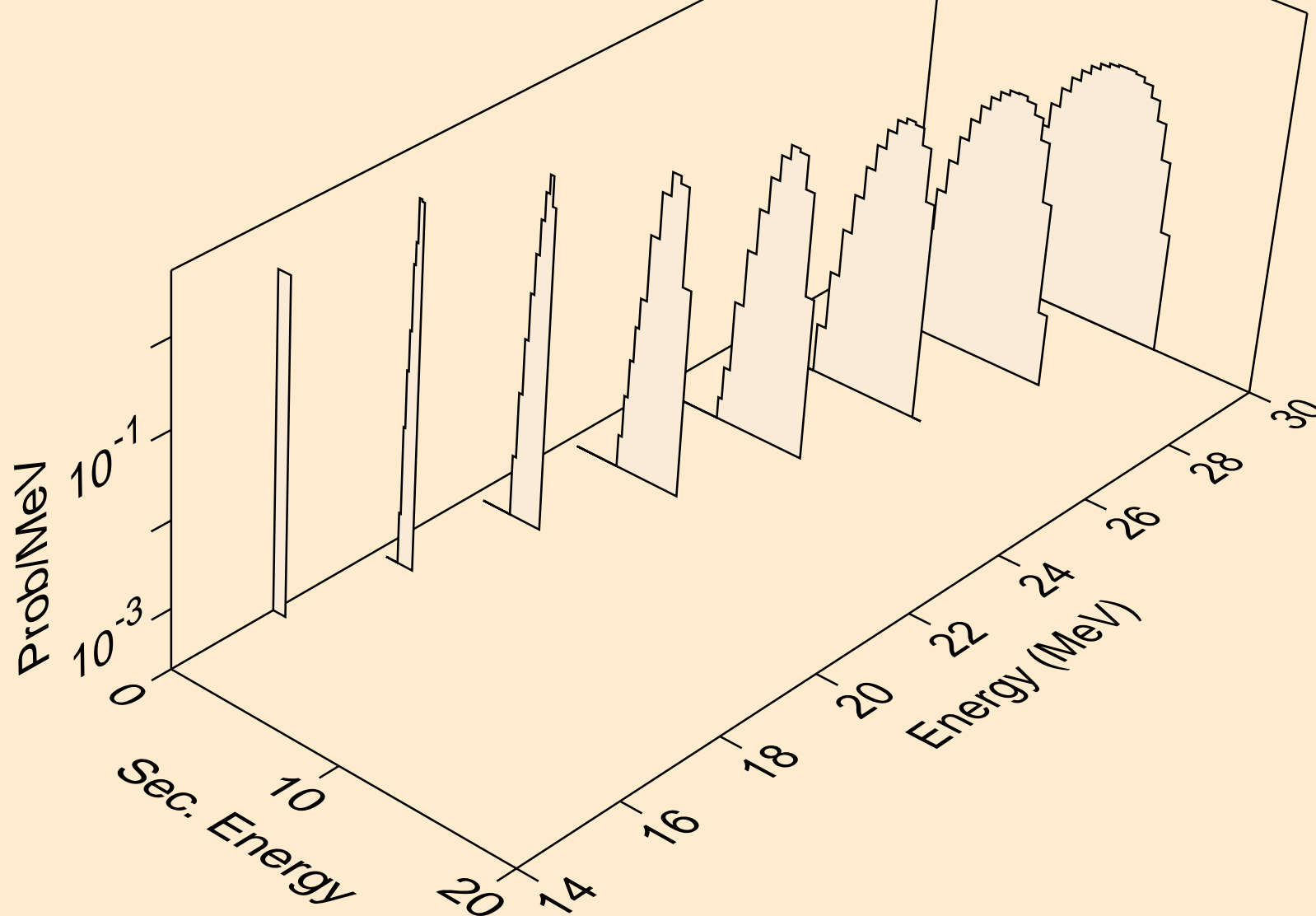


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

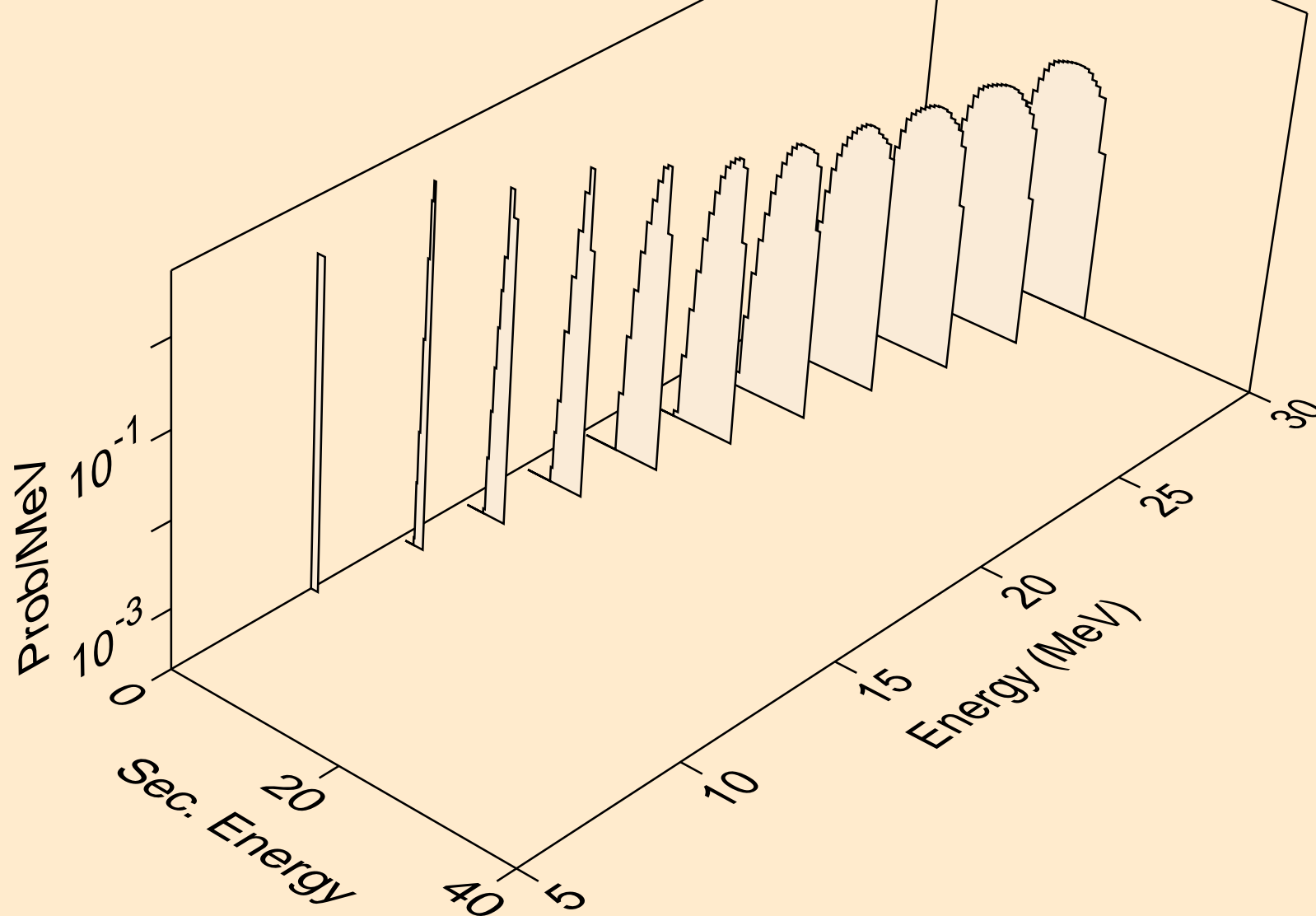




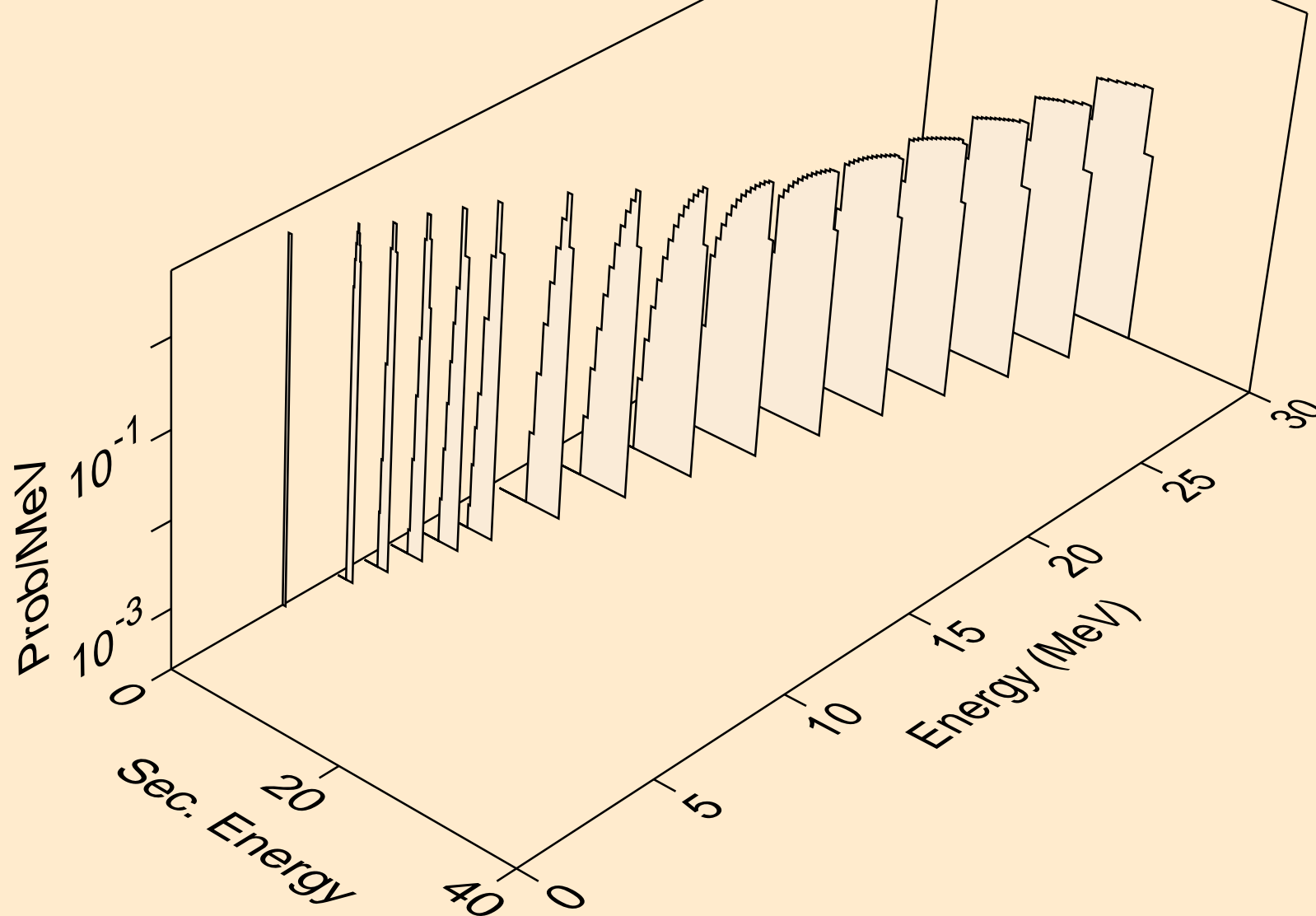
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deuterons from (p,2nd)



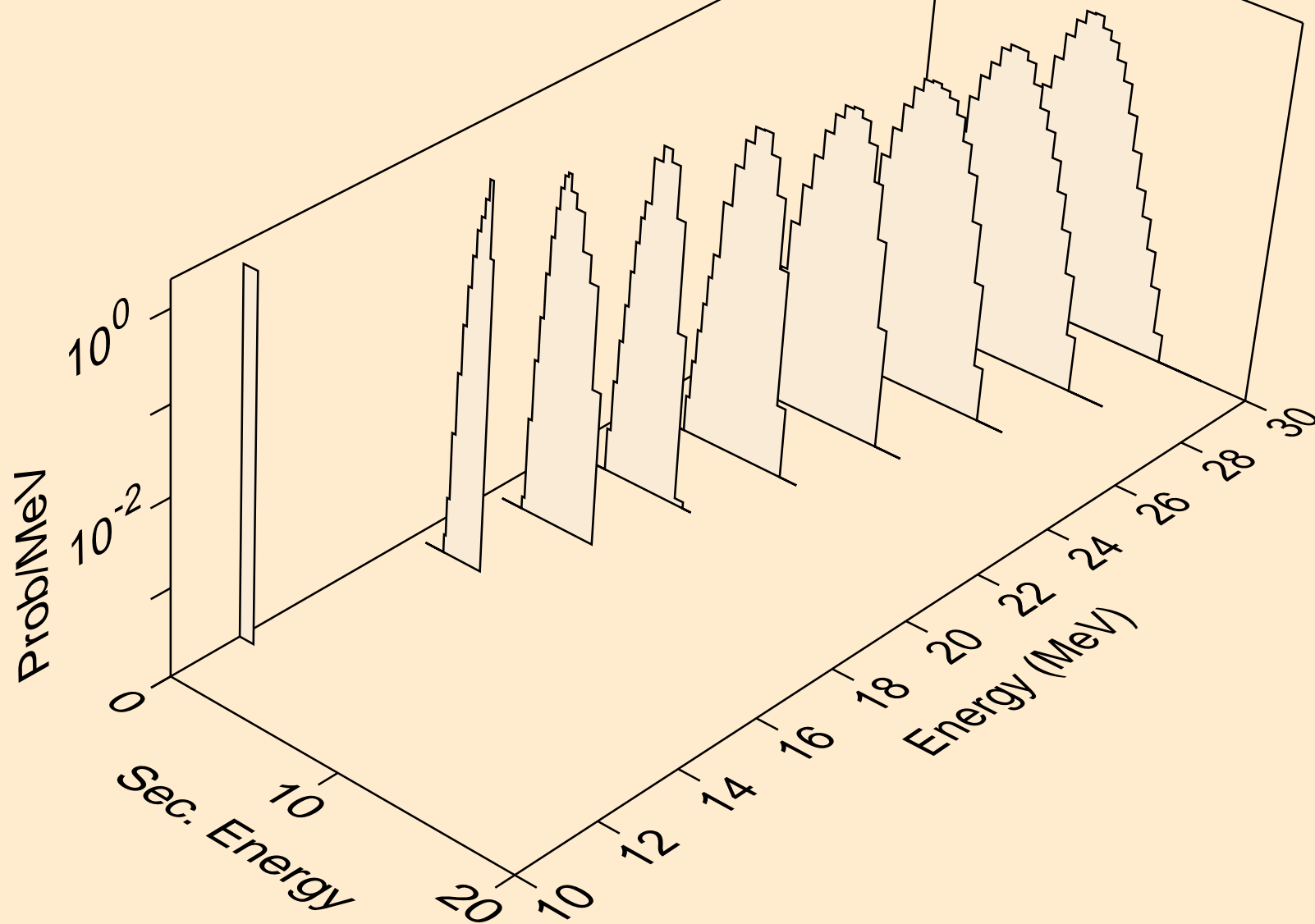
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



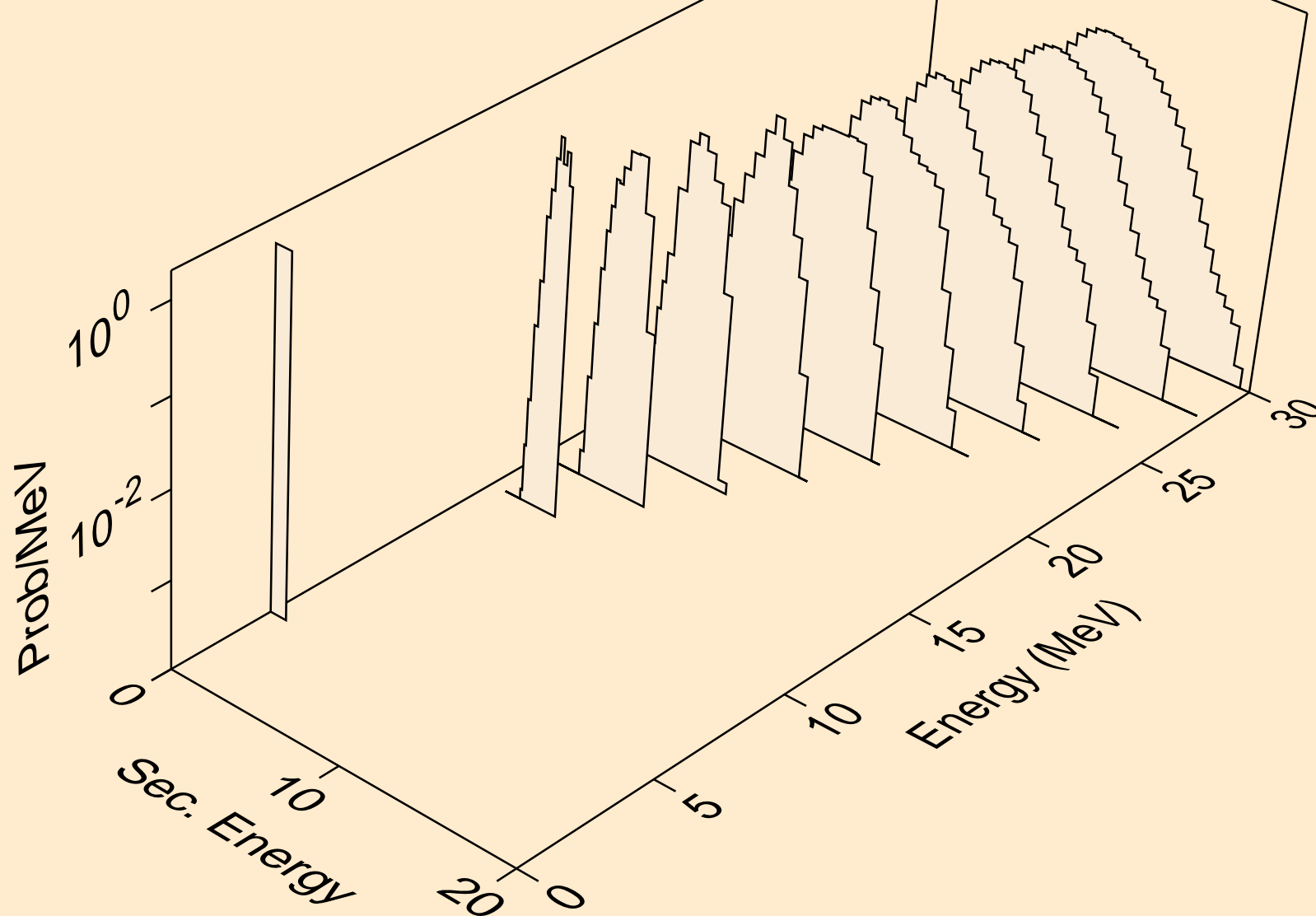
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deuterons from (p,d)



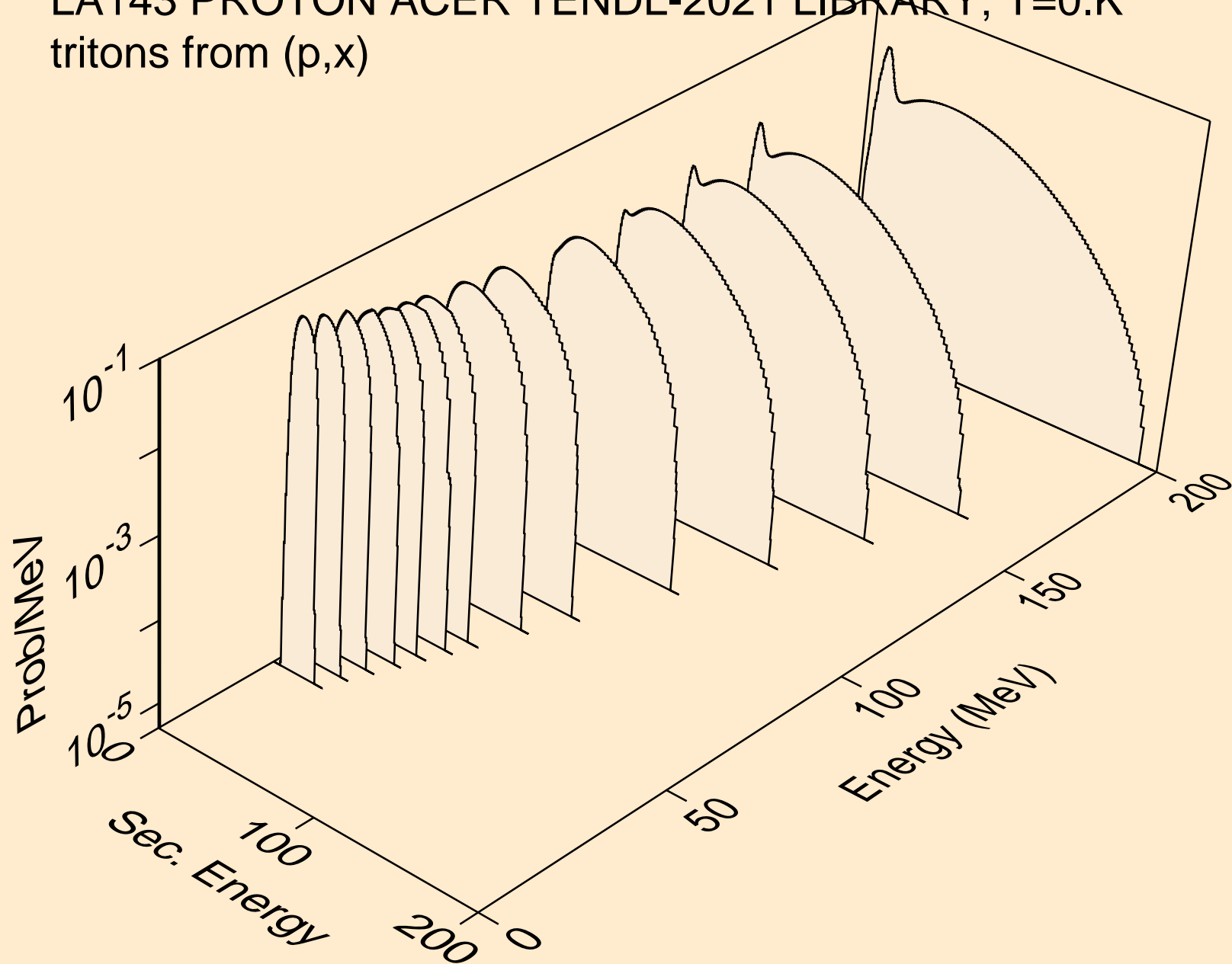
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deuterons from (p,pd)



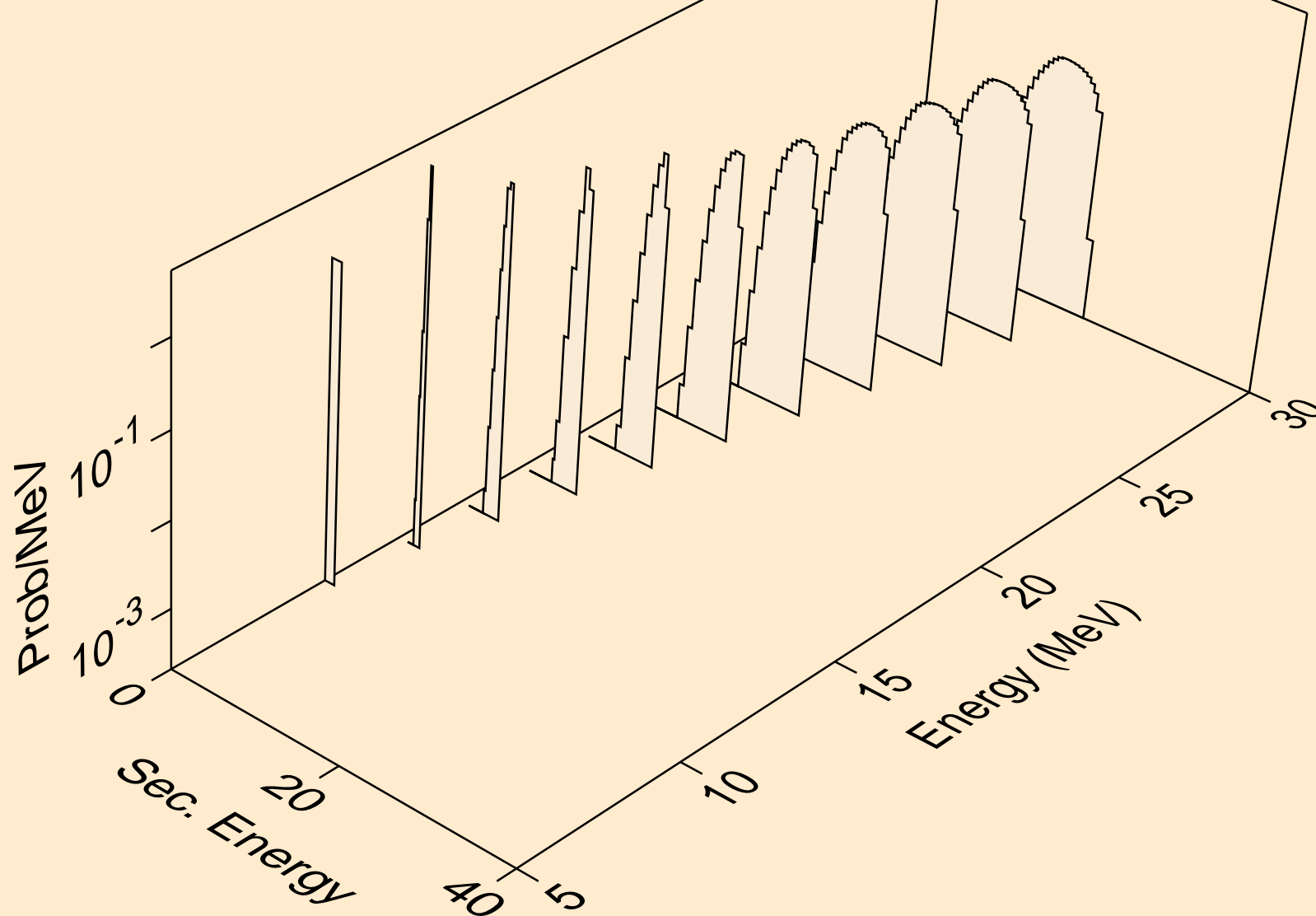
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deuterons from (p,da)



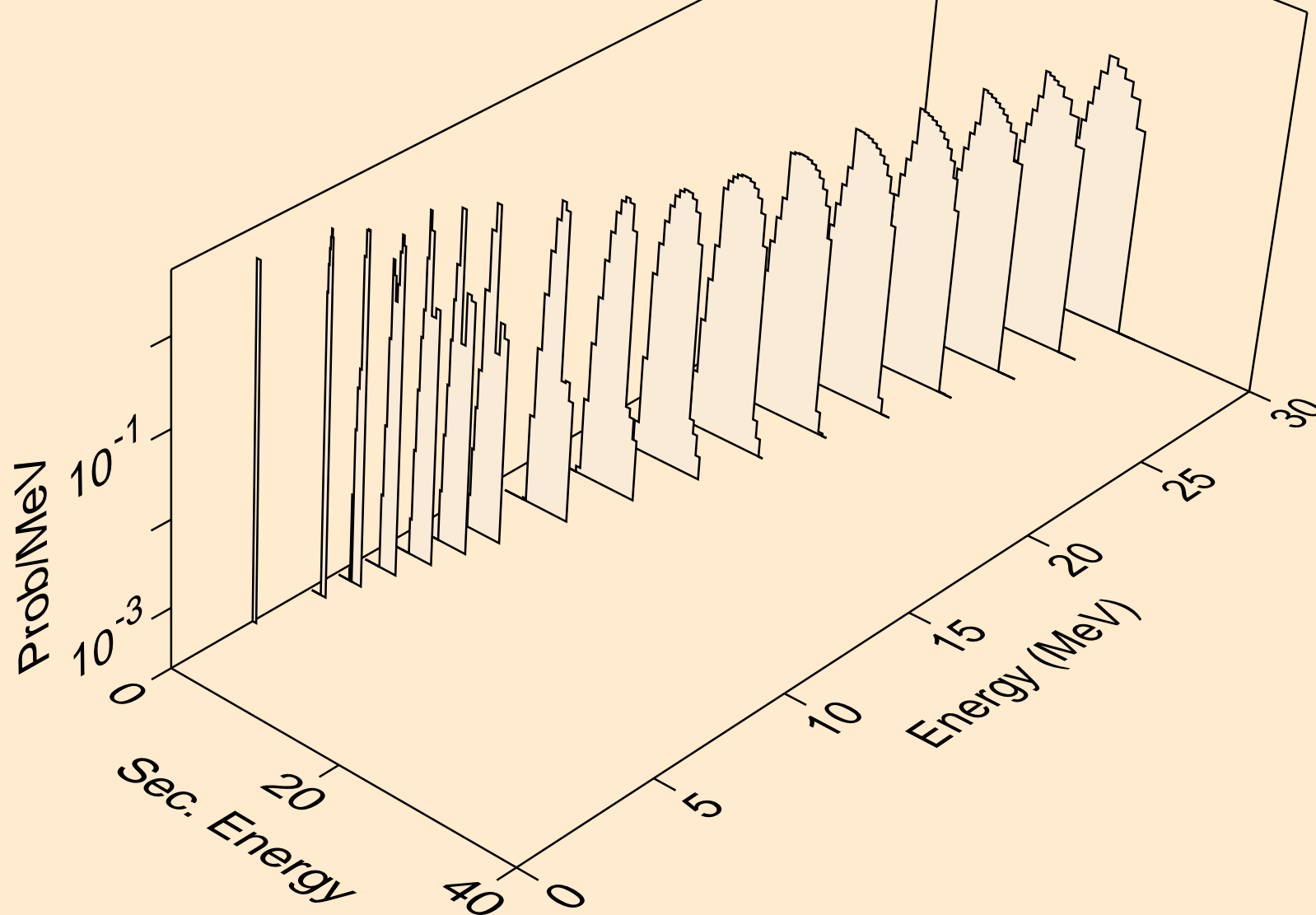
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

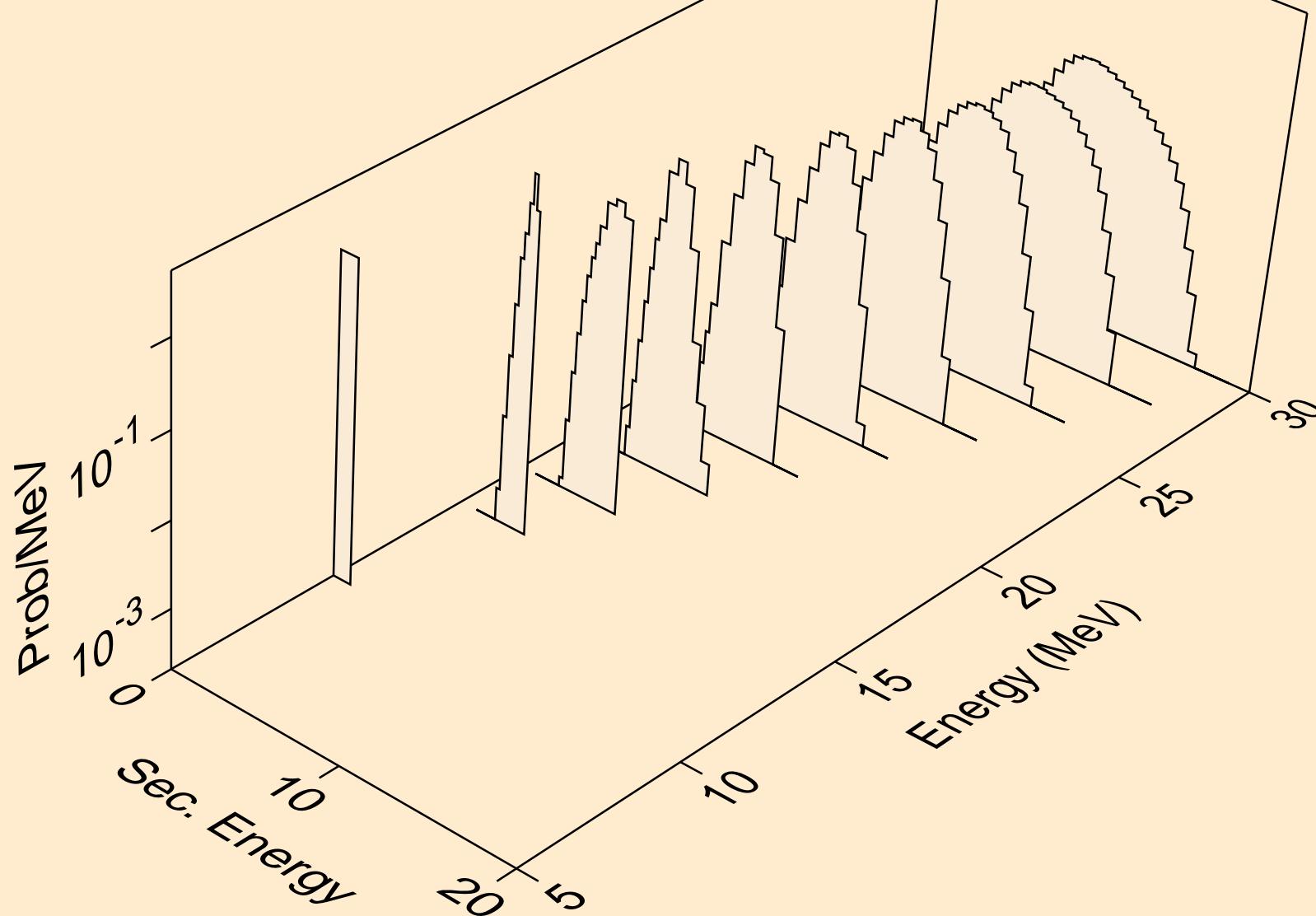


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tritons from (p,t)

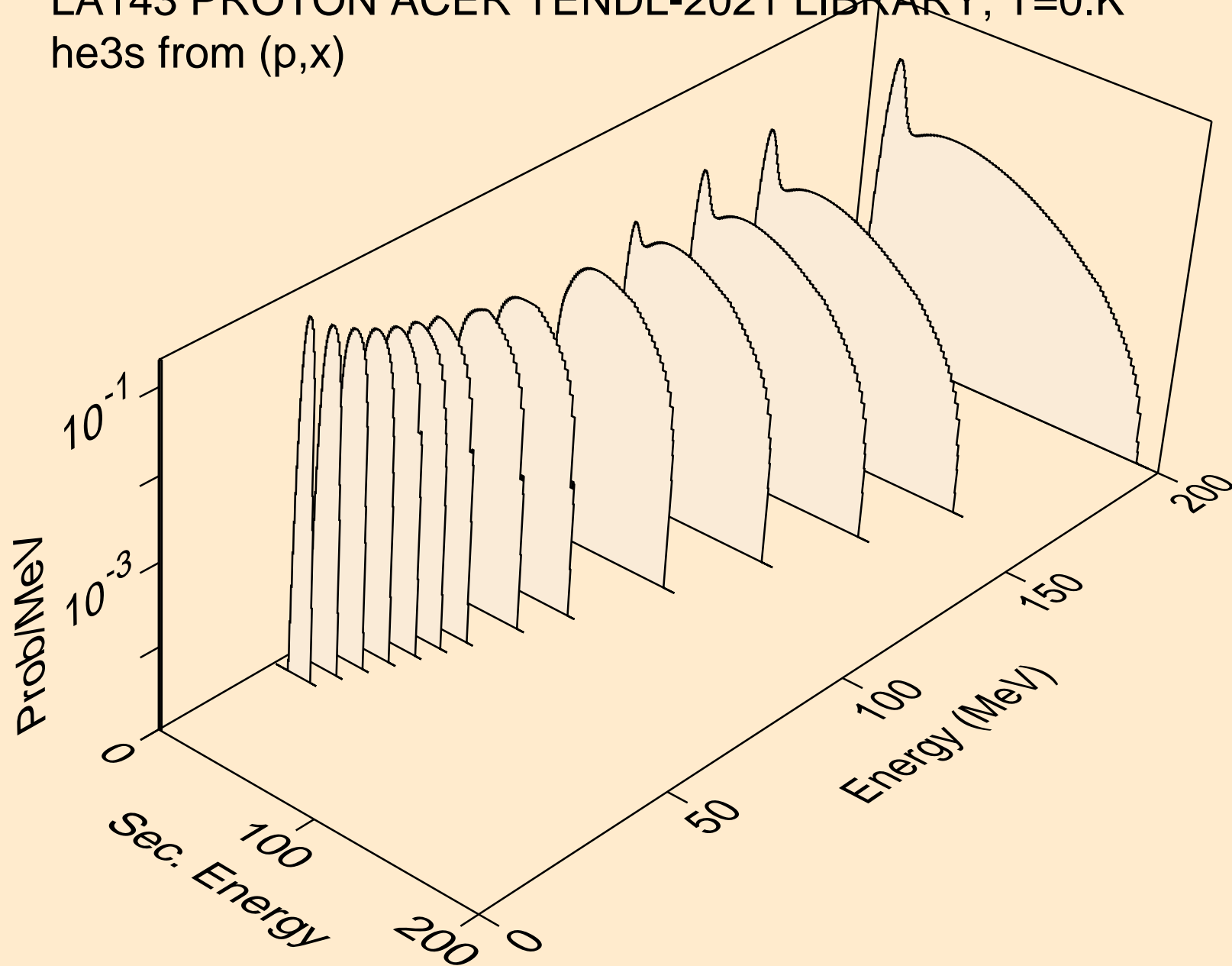




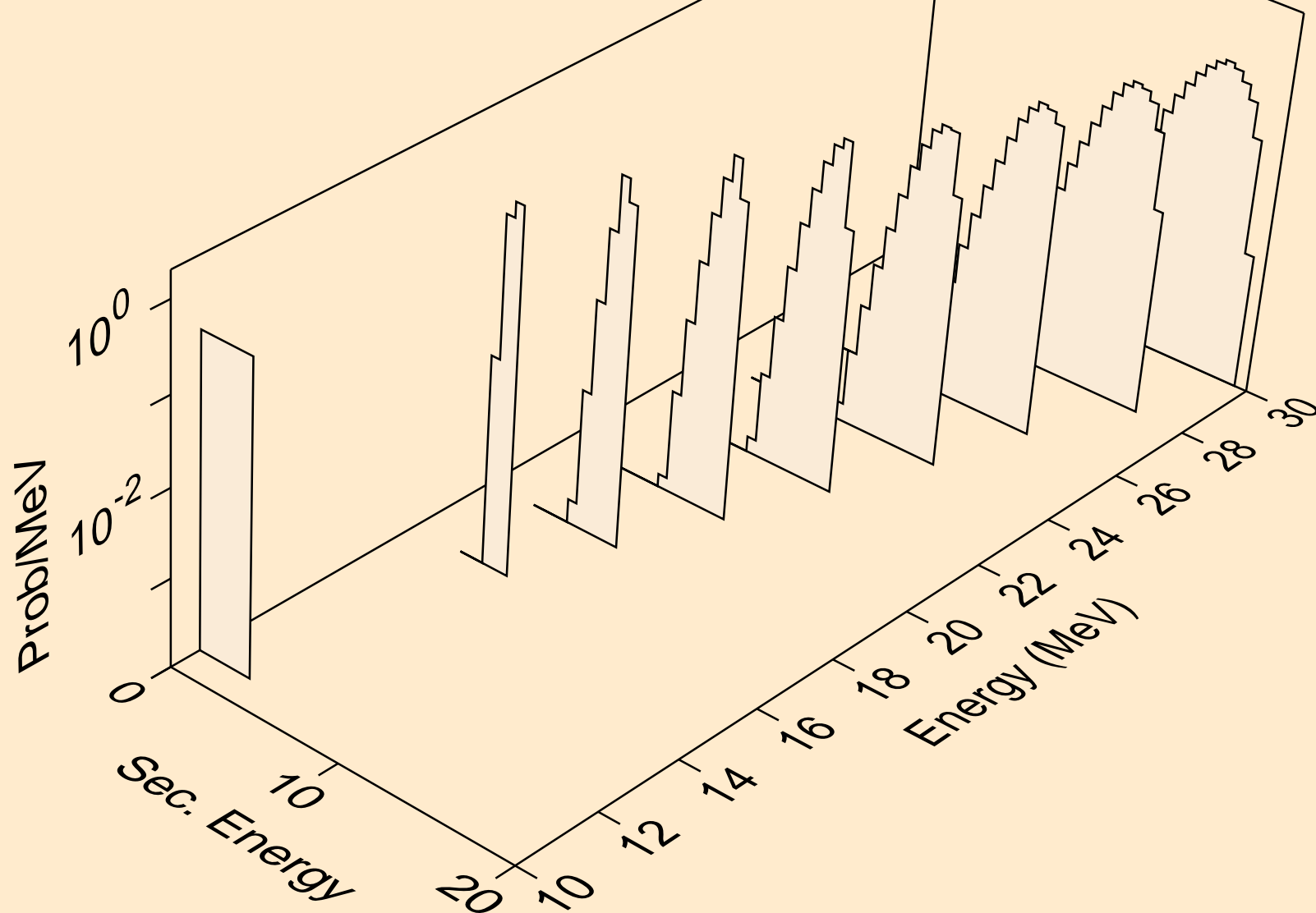
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tritons from (p,pt)



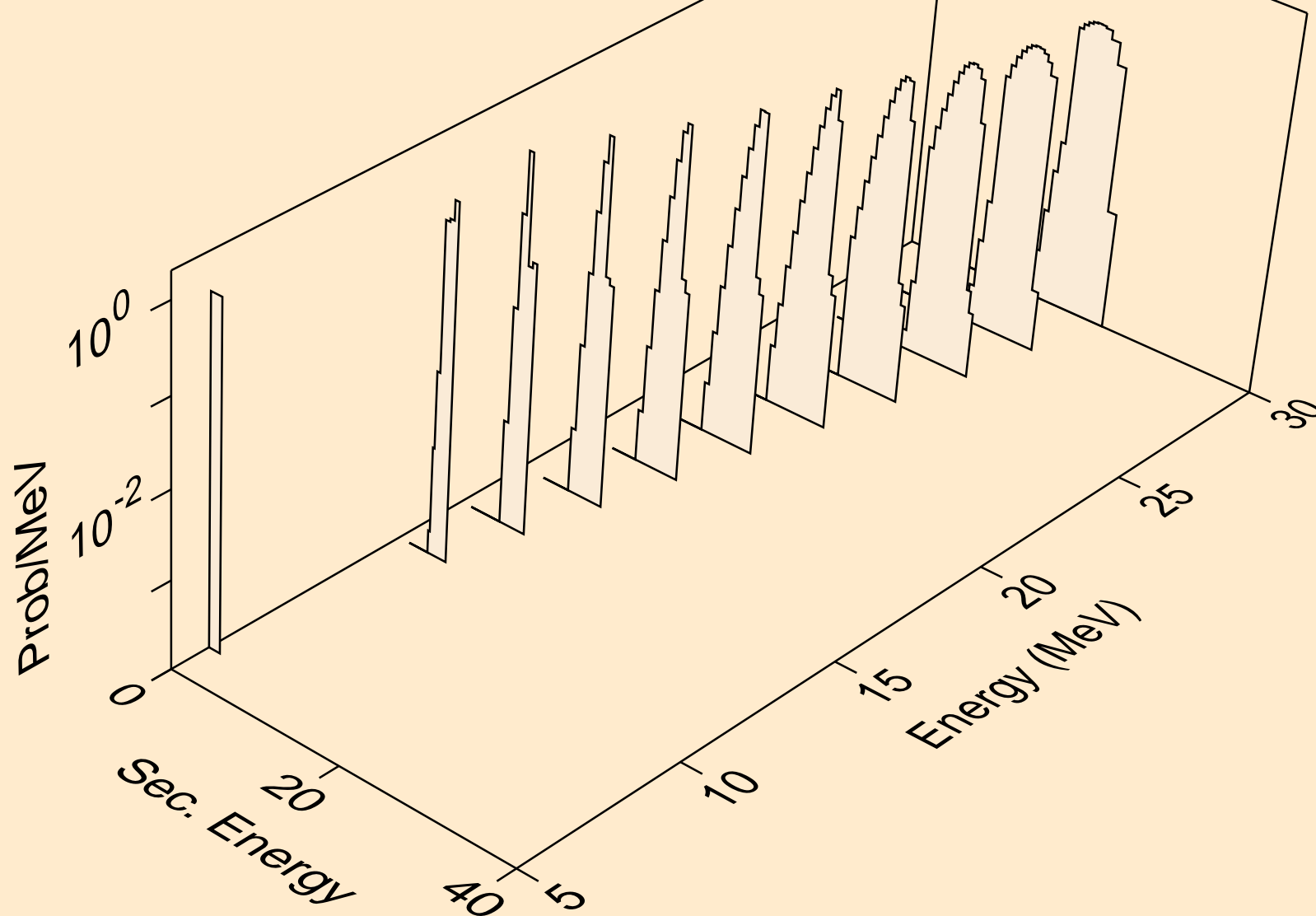
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



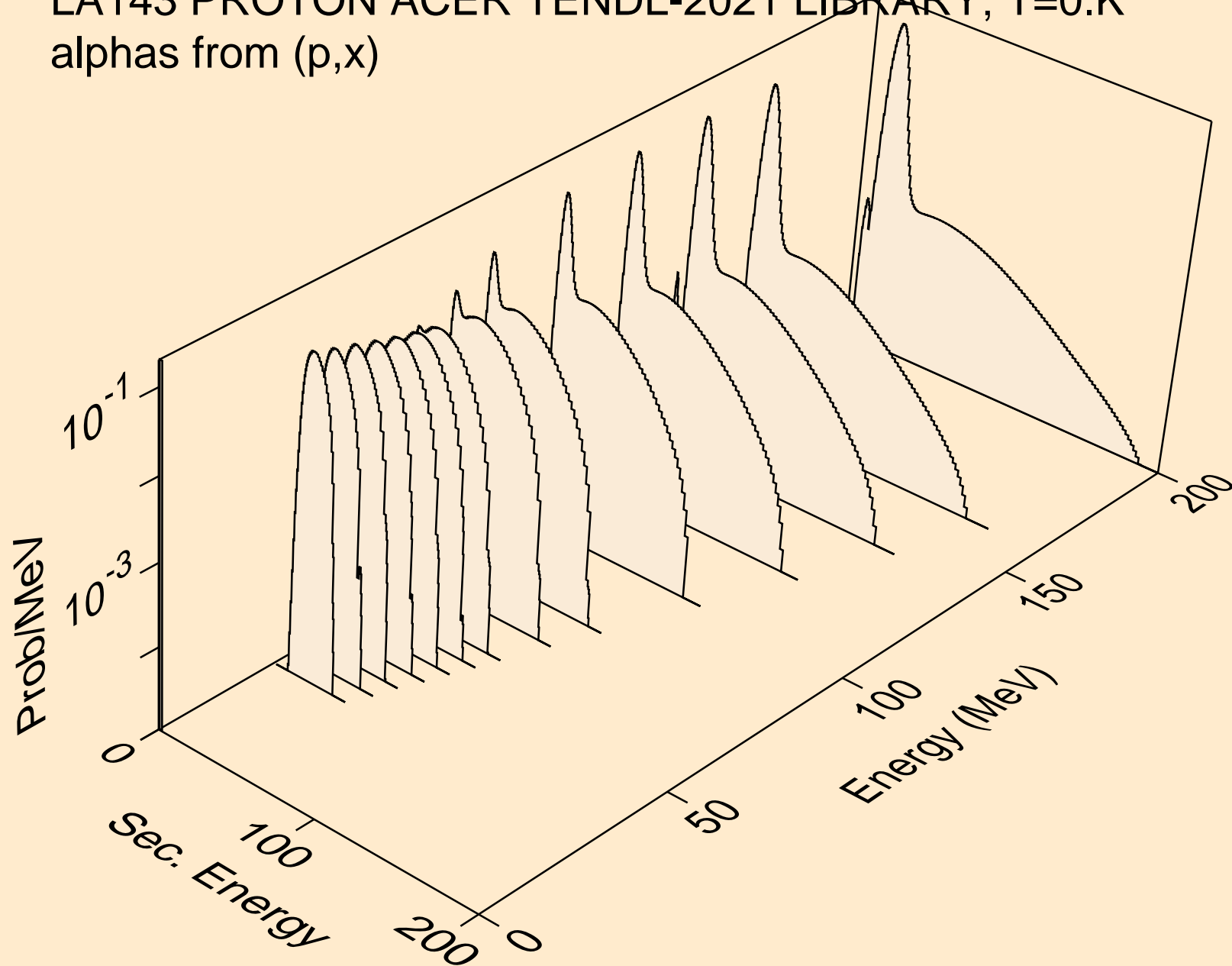
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



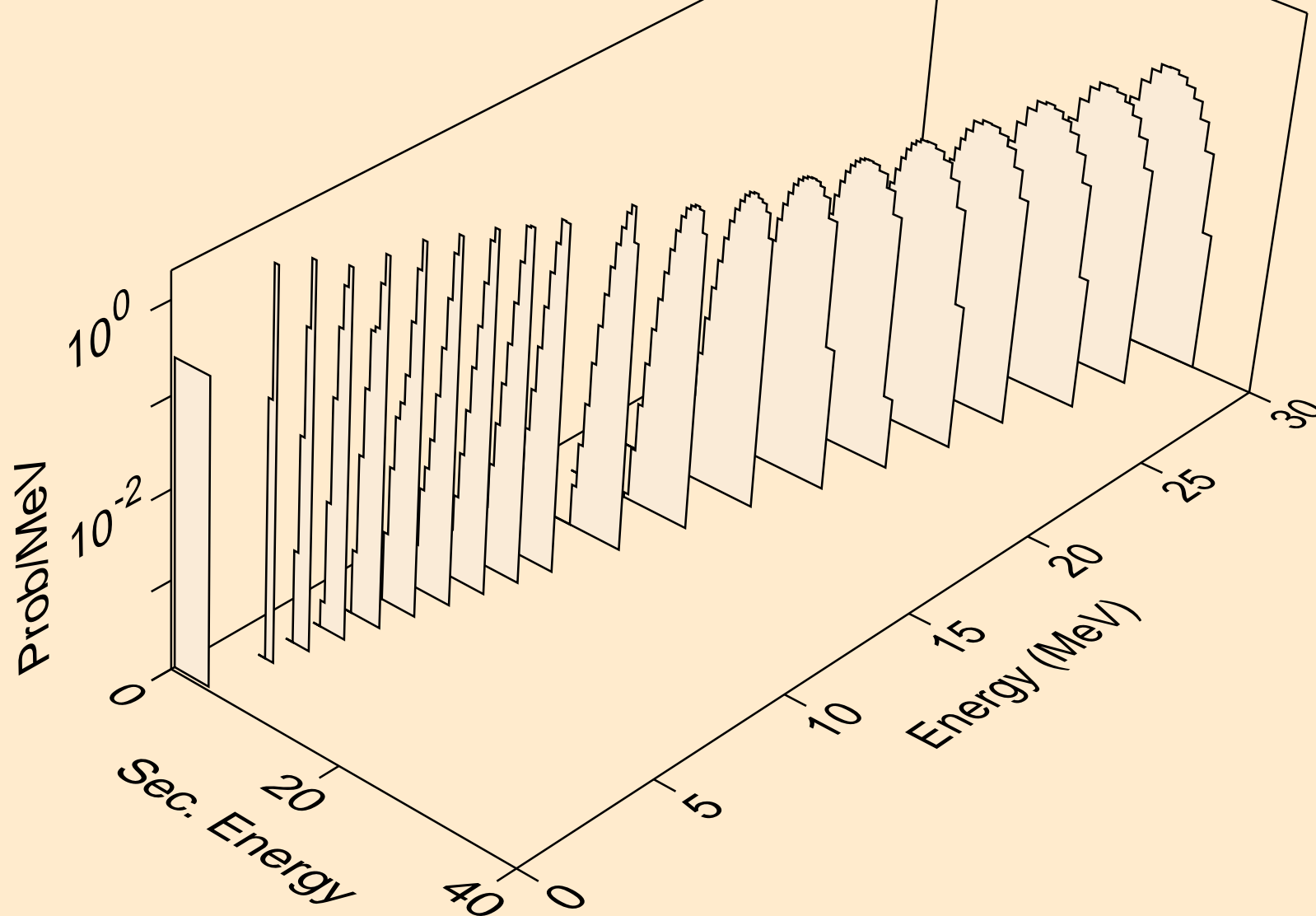
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he3s from (p,he3)



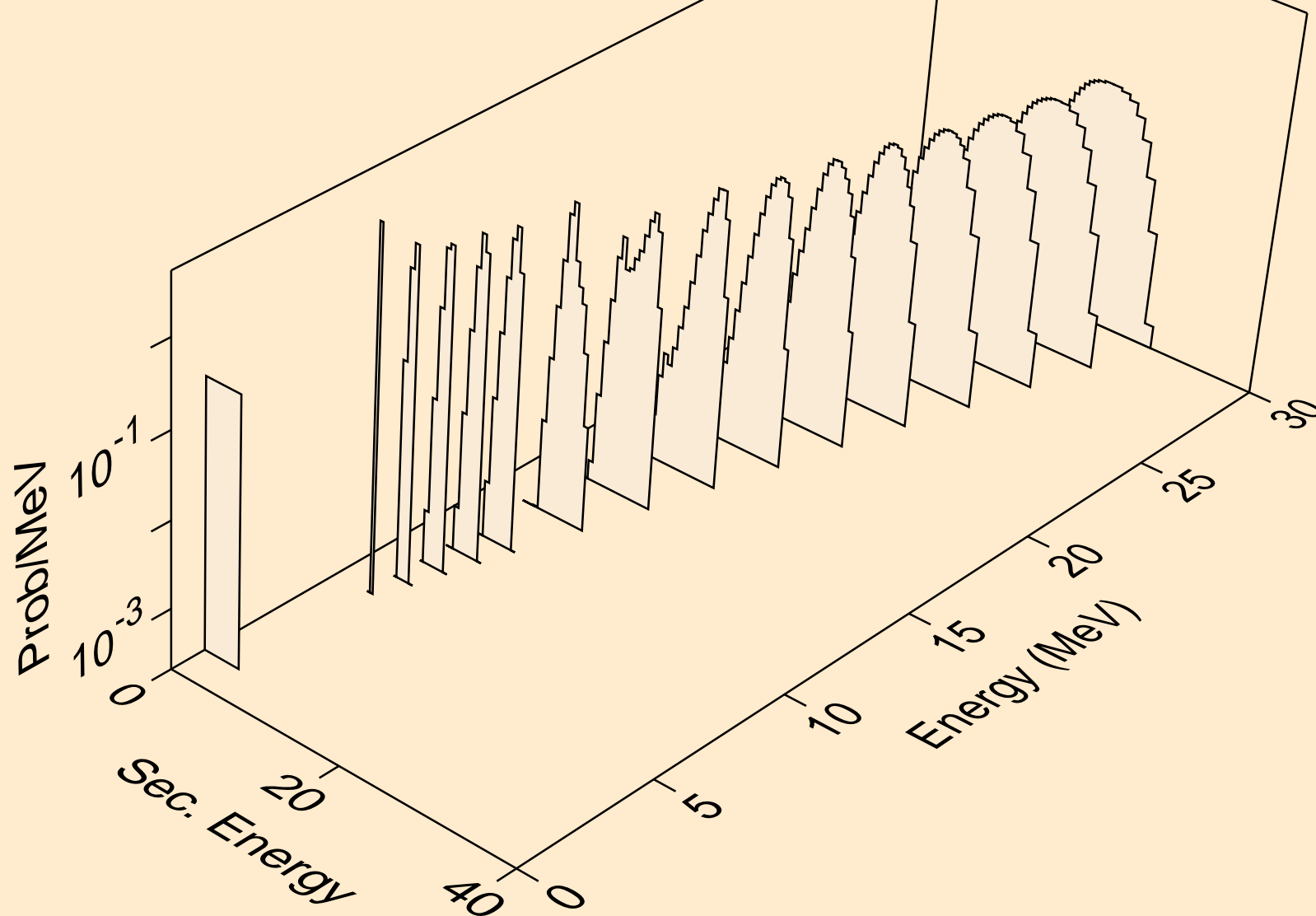
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



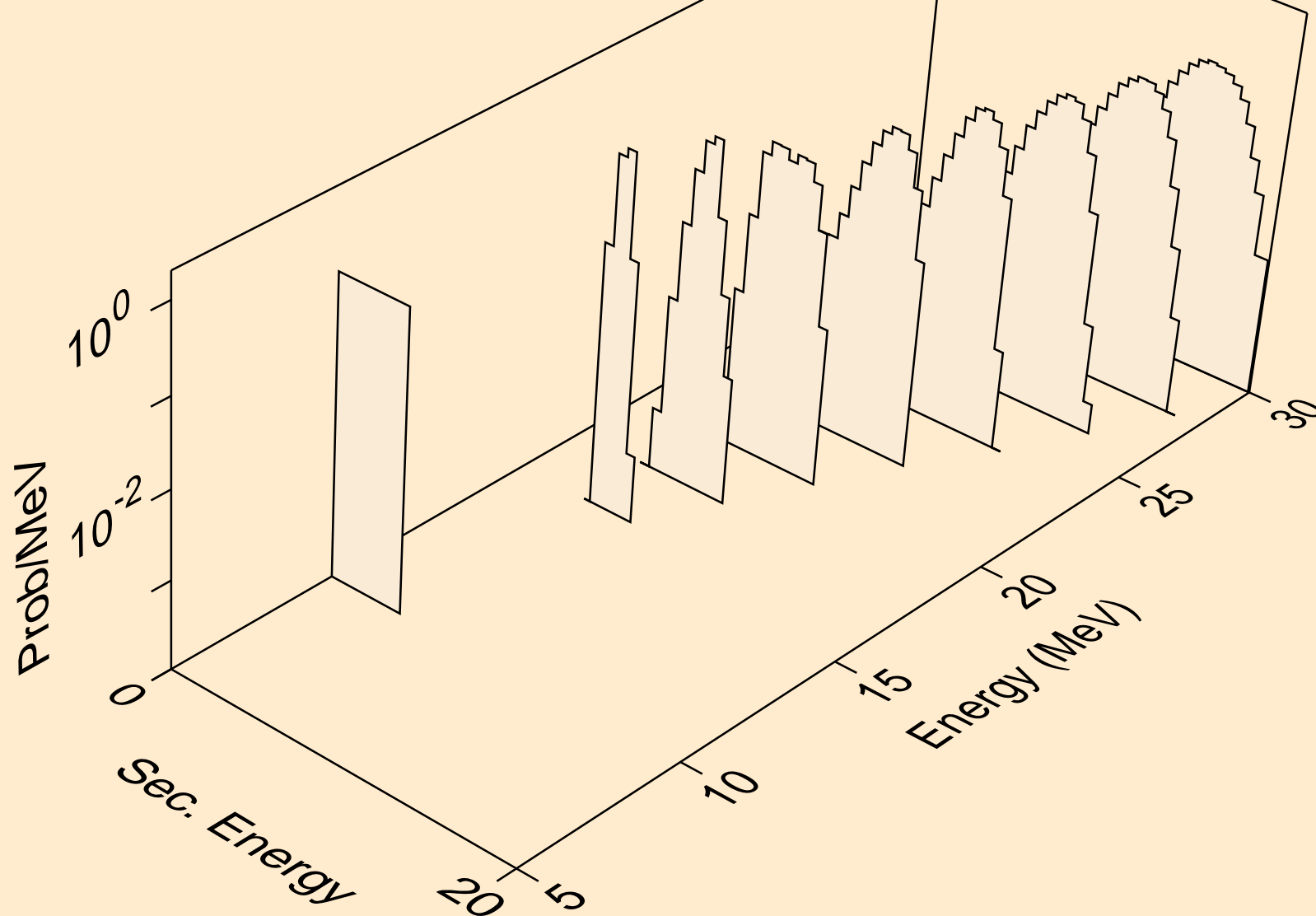
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

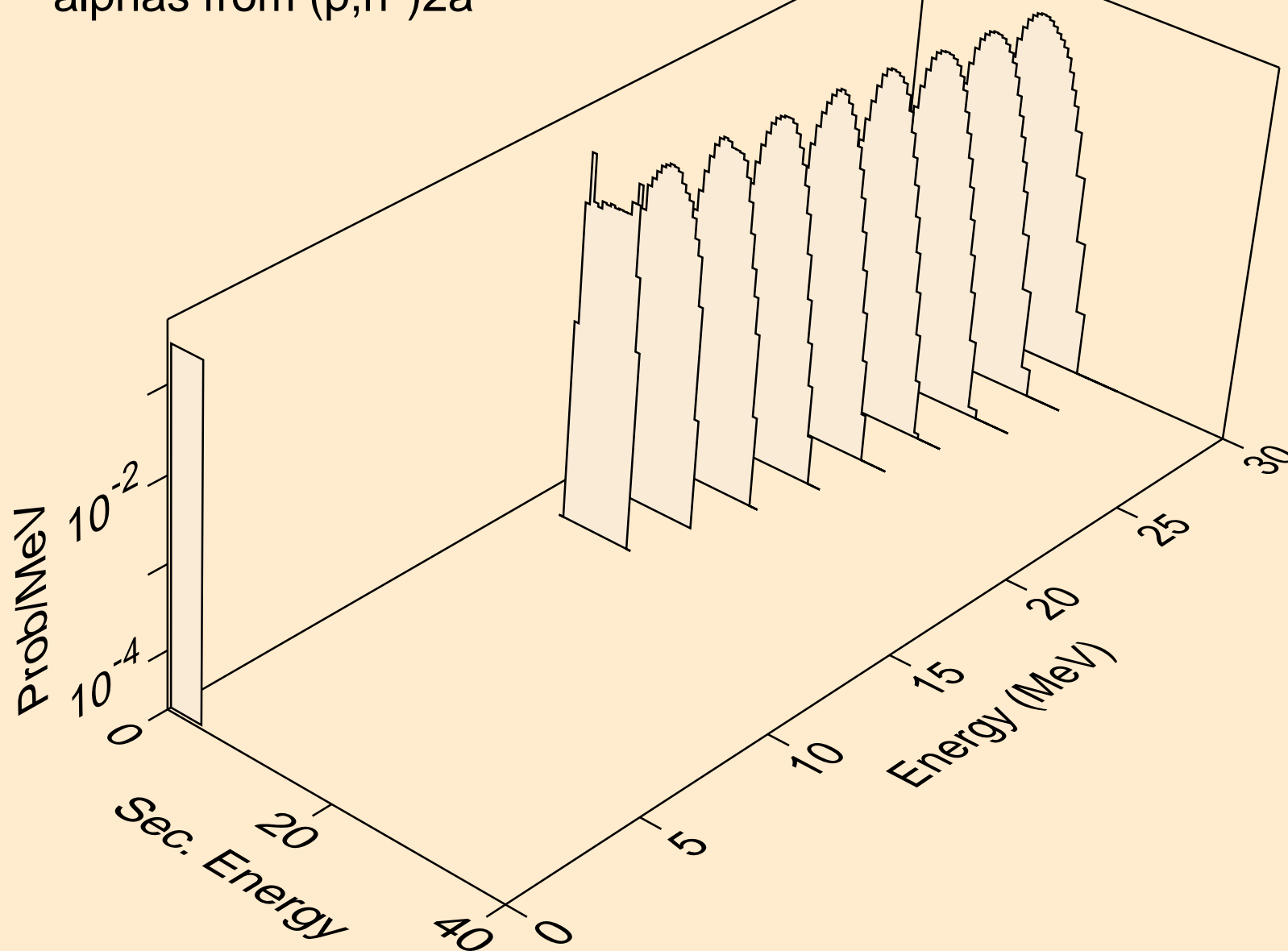


LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a

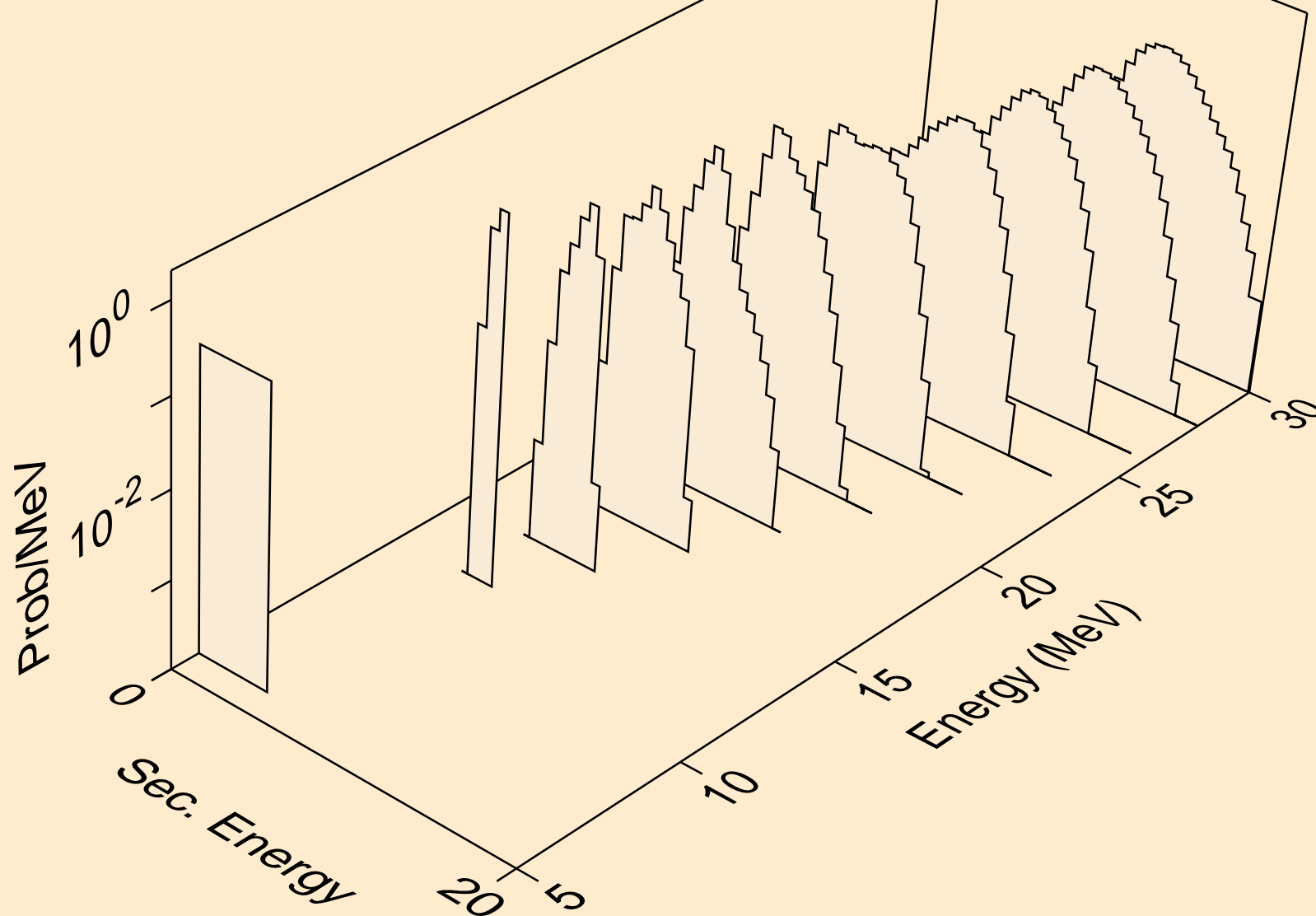




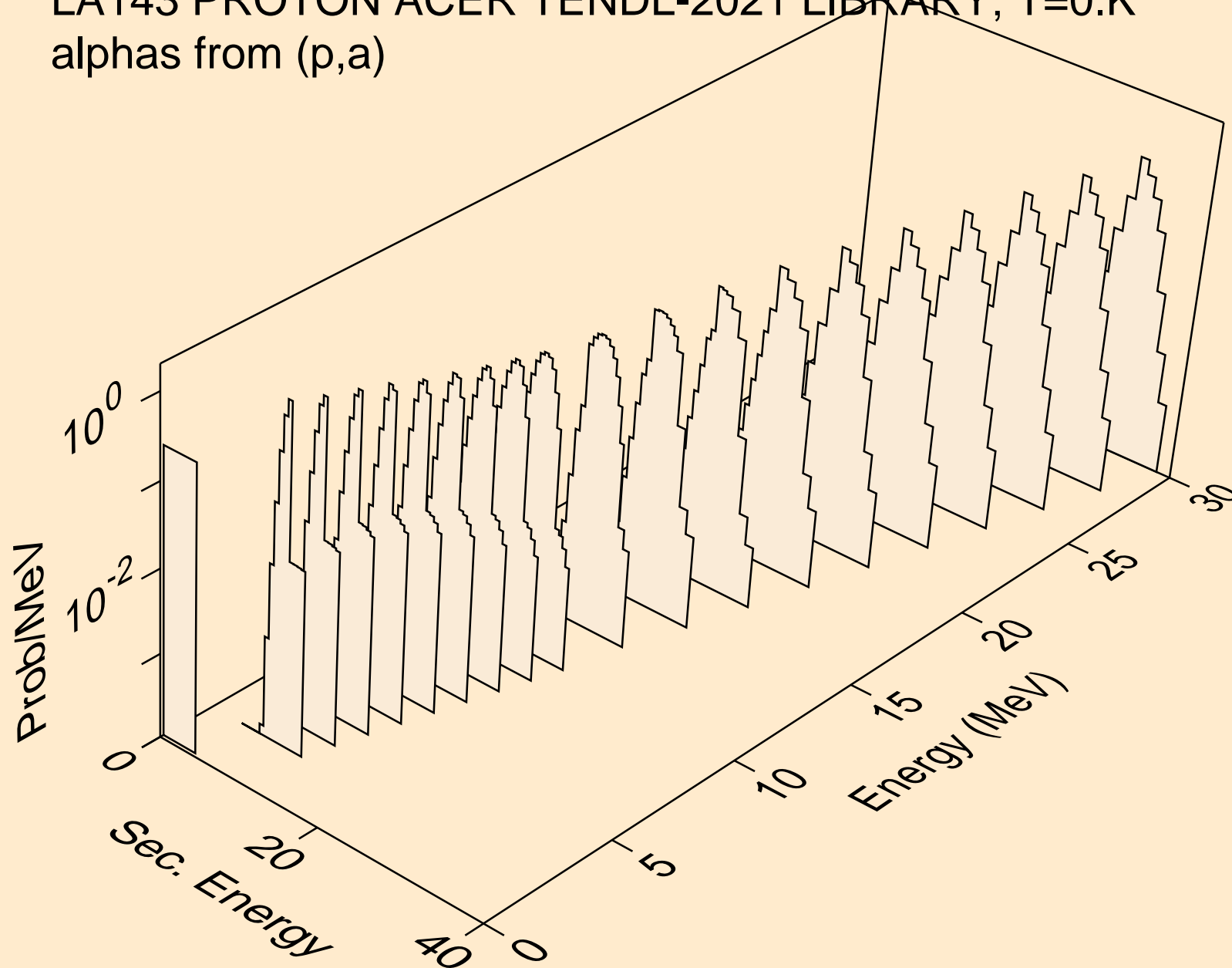
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



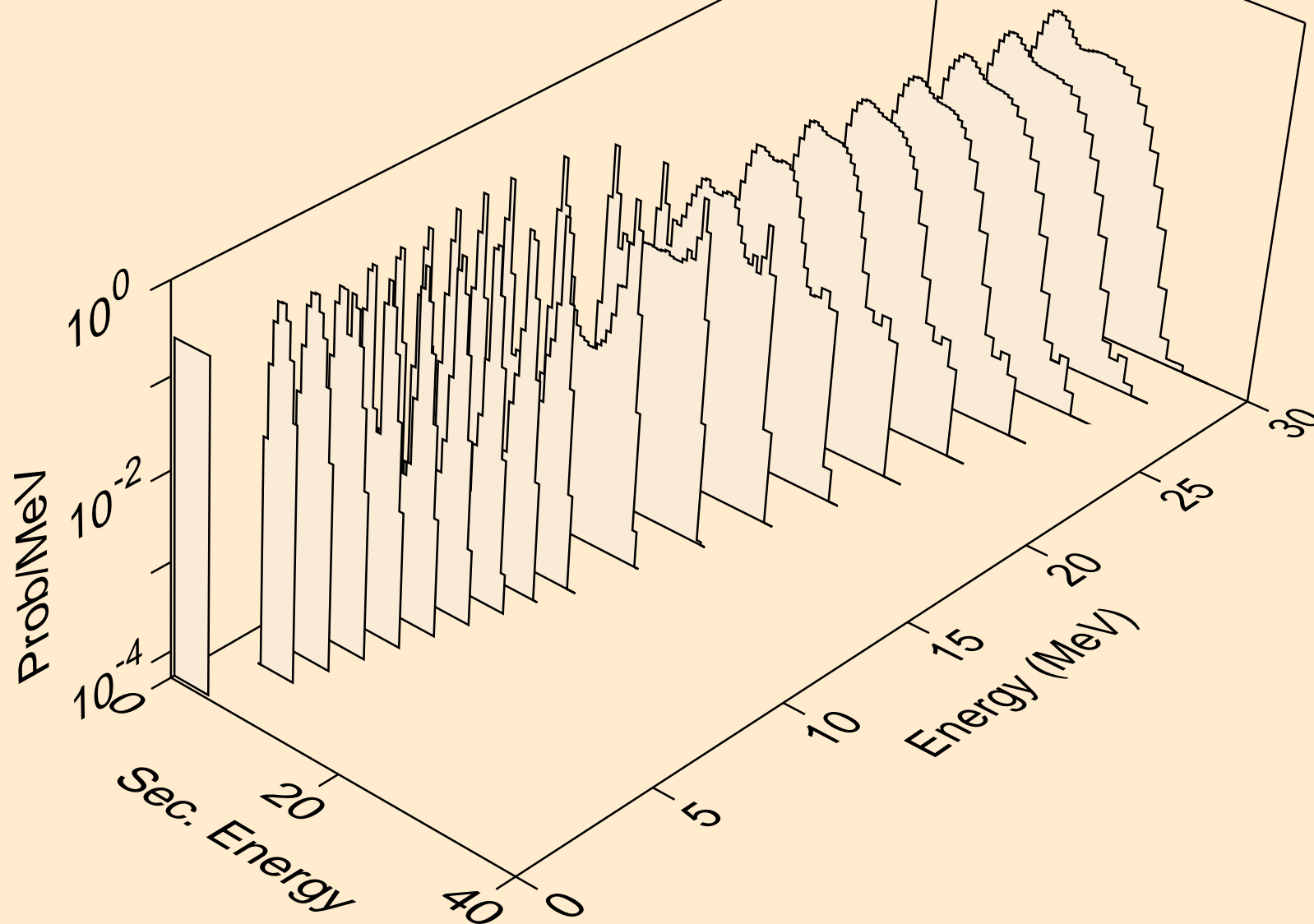
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alphas from (p,npa)



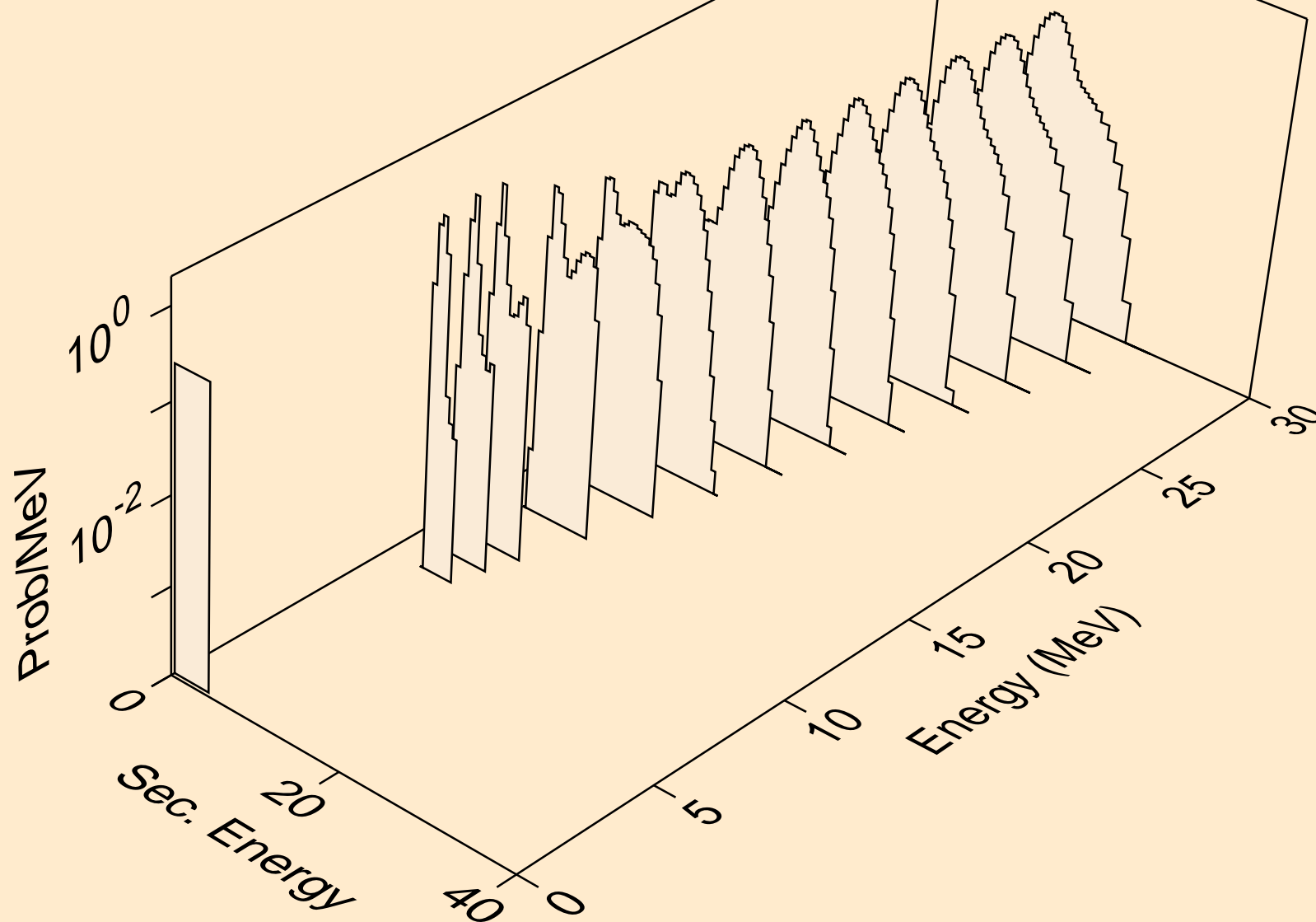
LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



LA143 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

