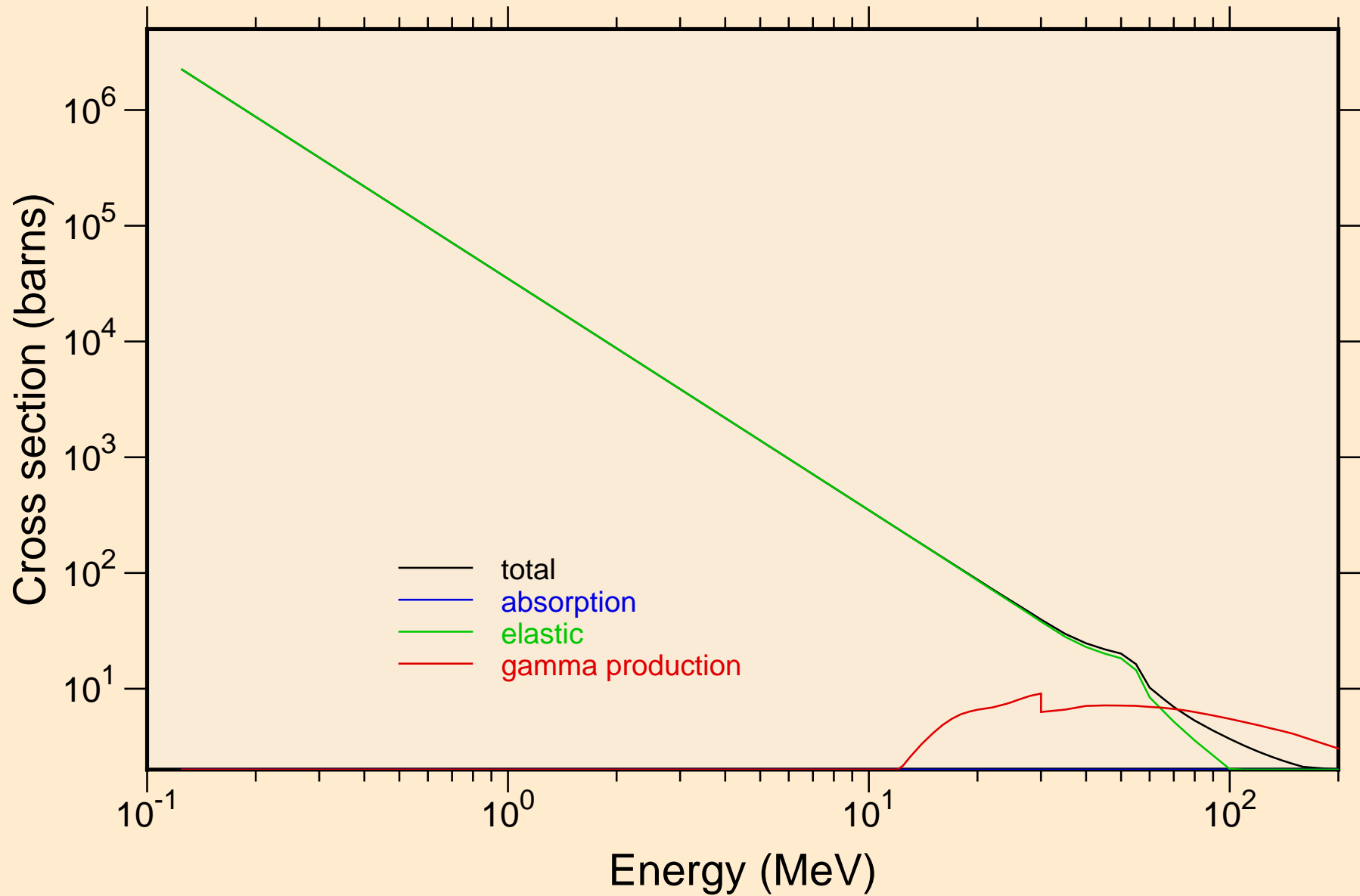


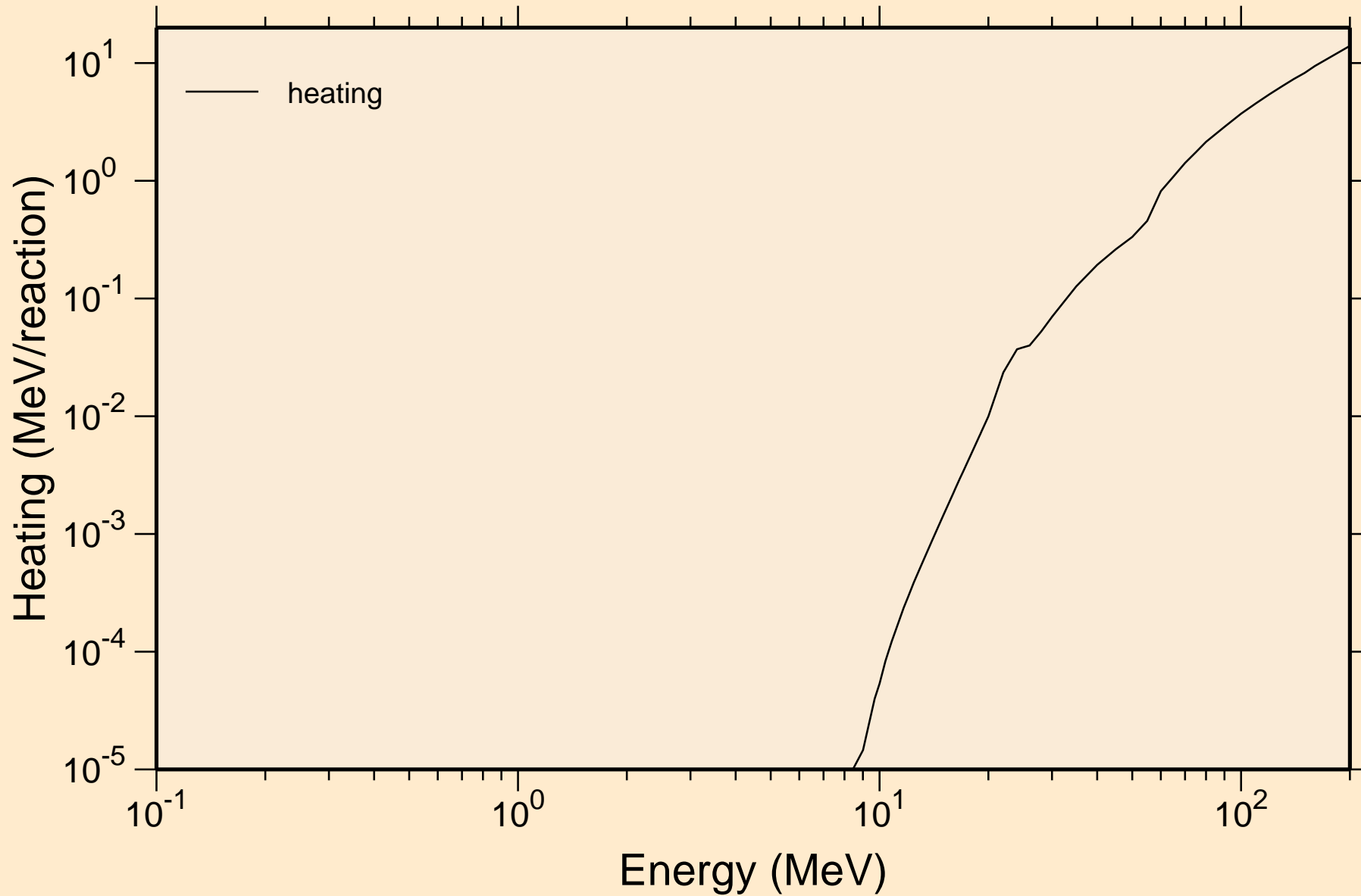
# RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



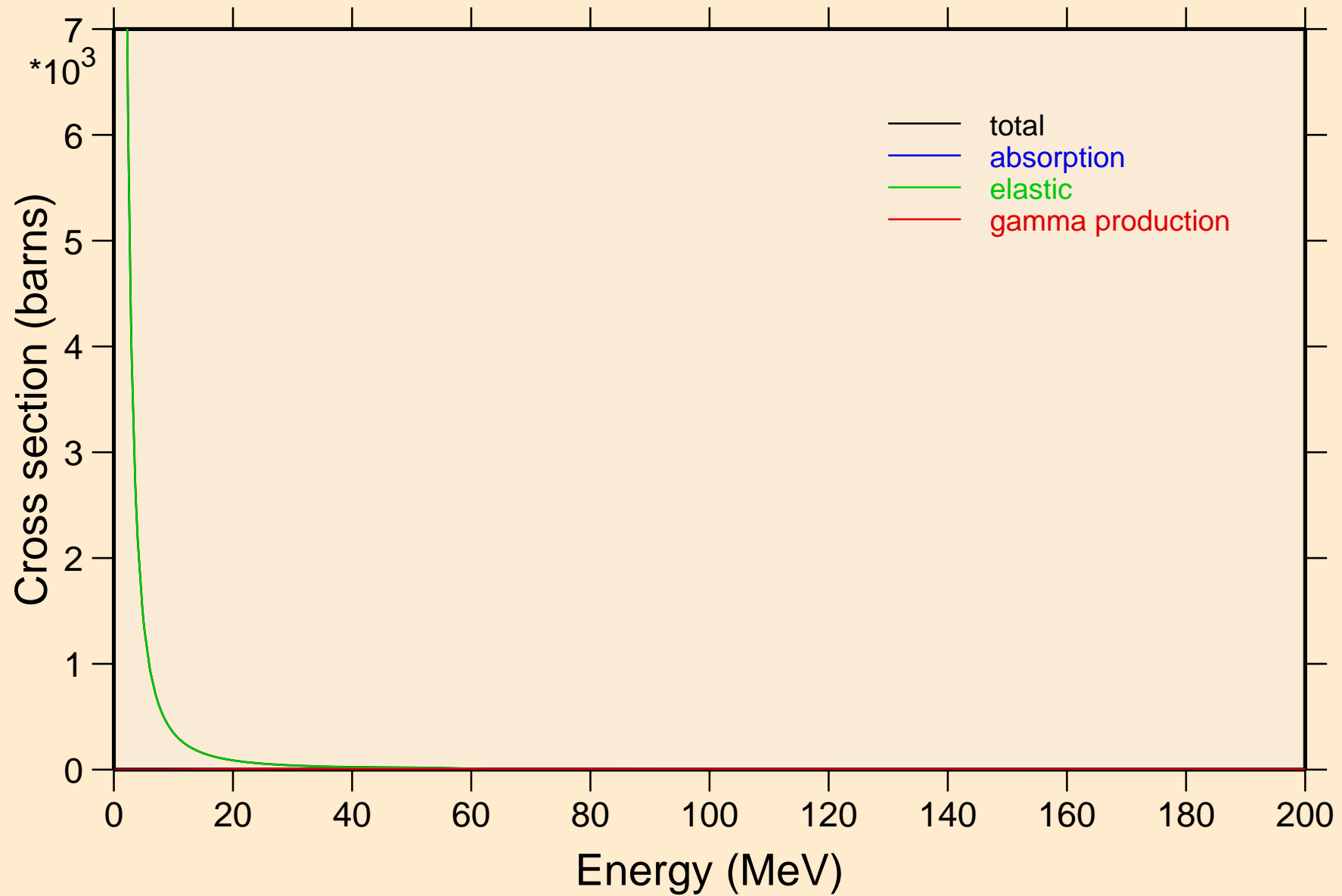
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



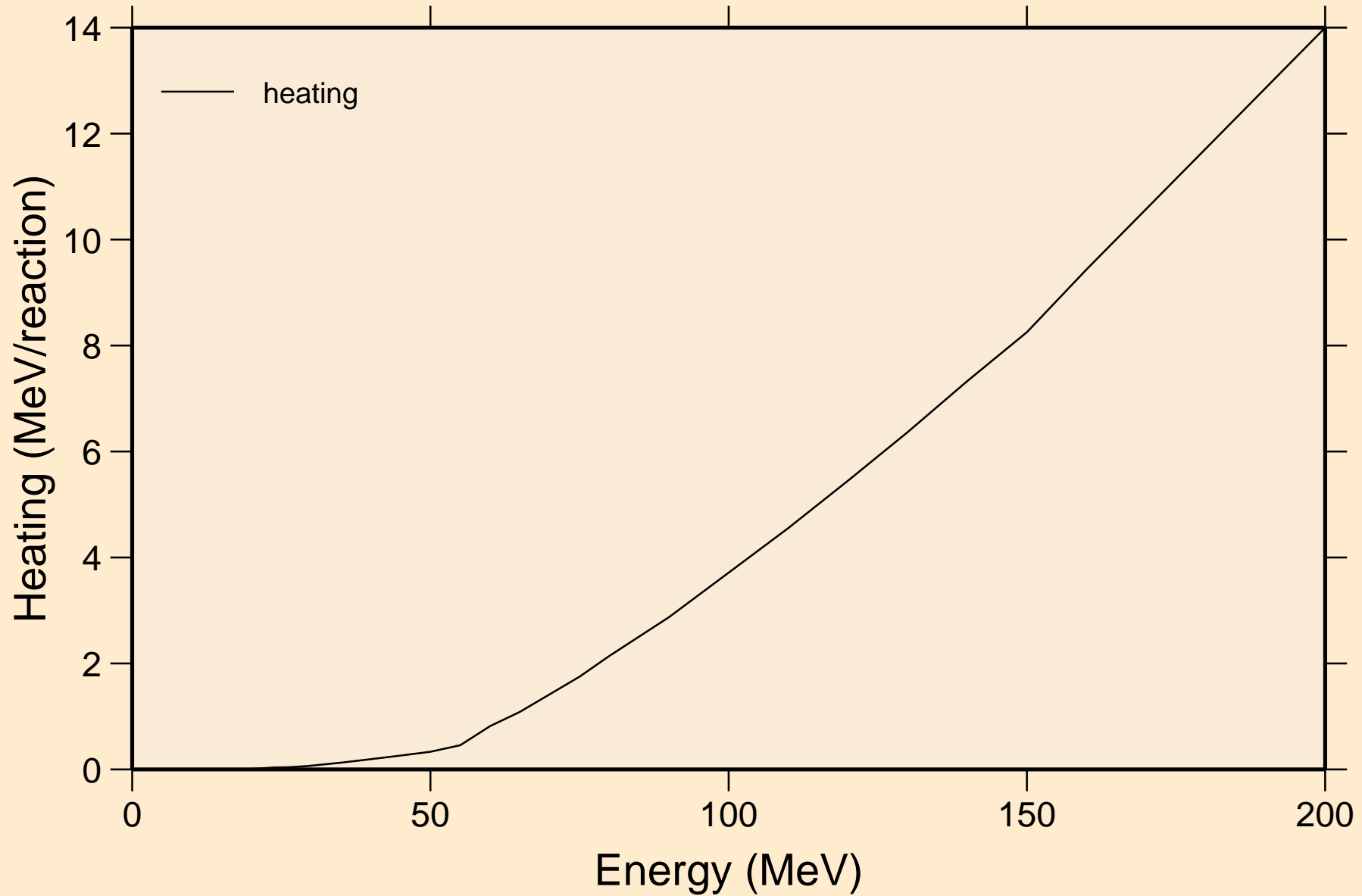
# RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



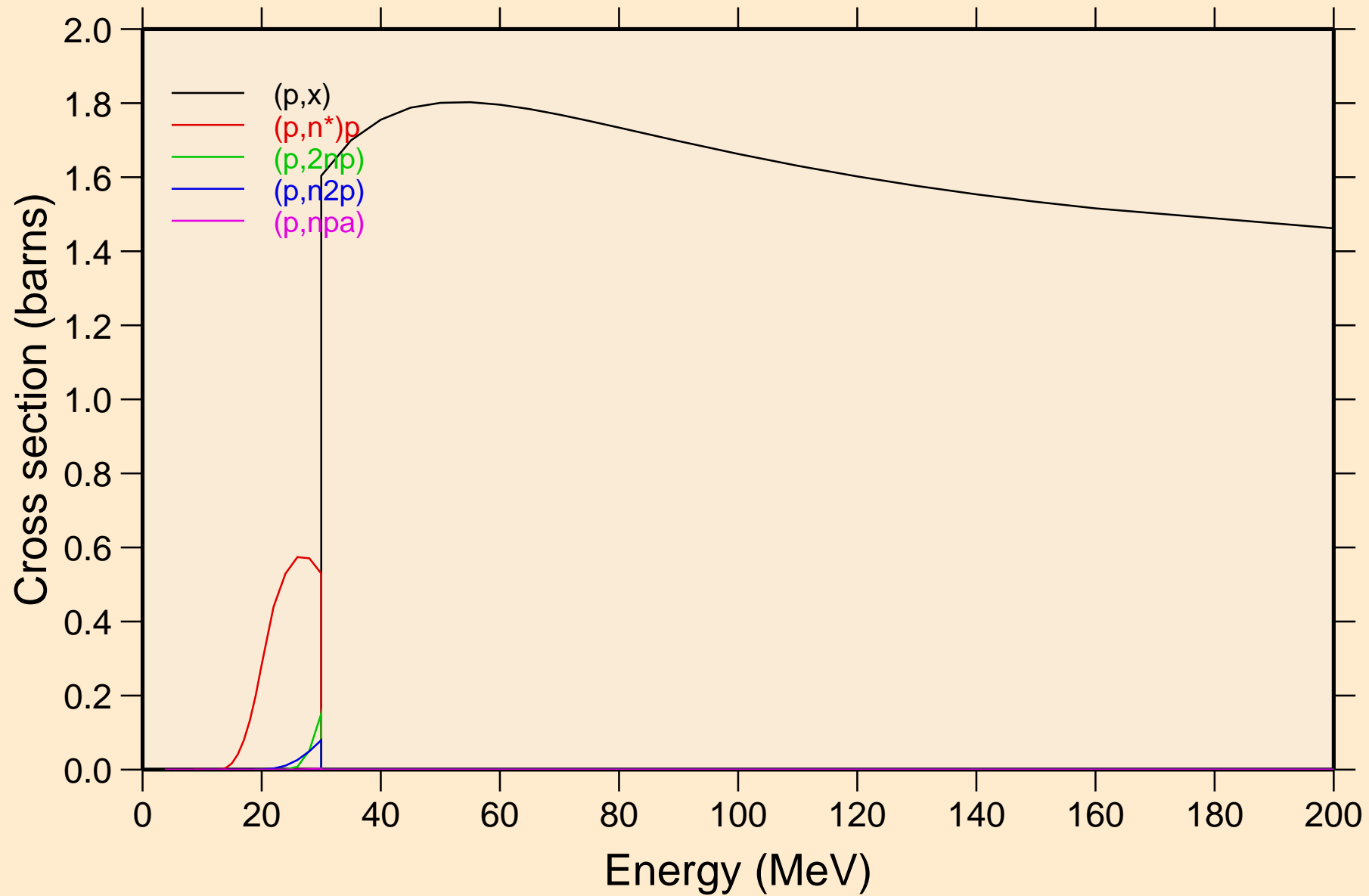
# RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

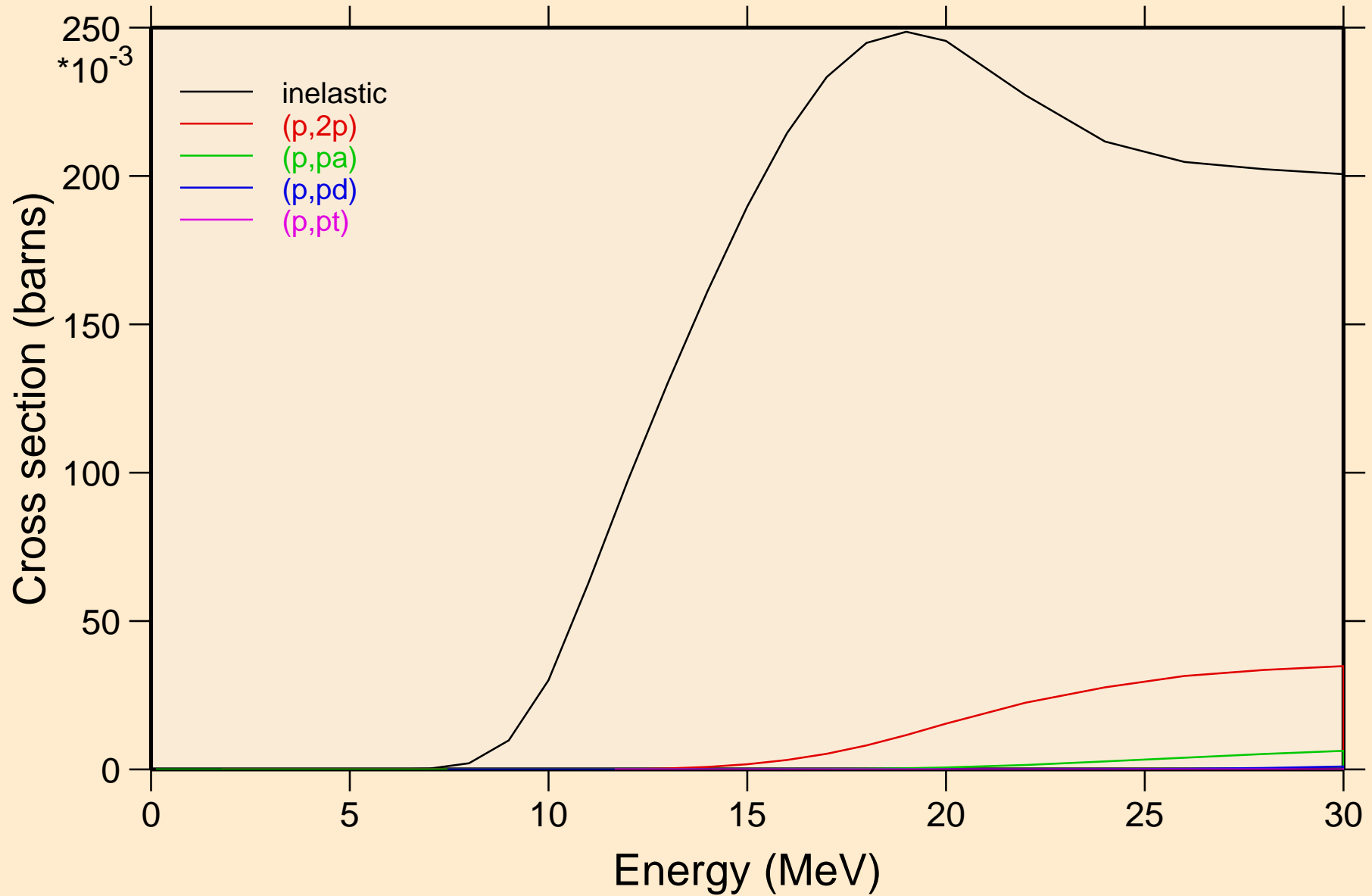


# RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

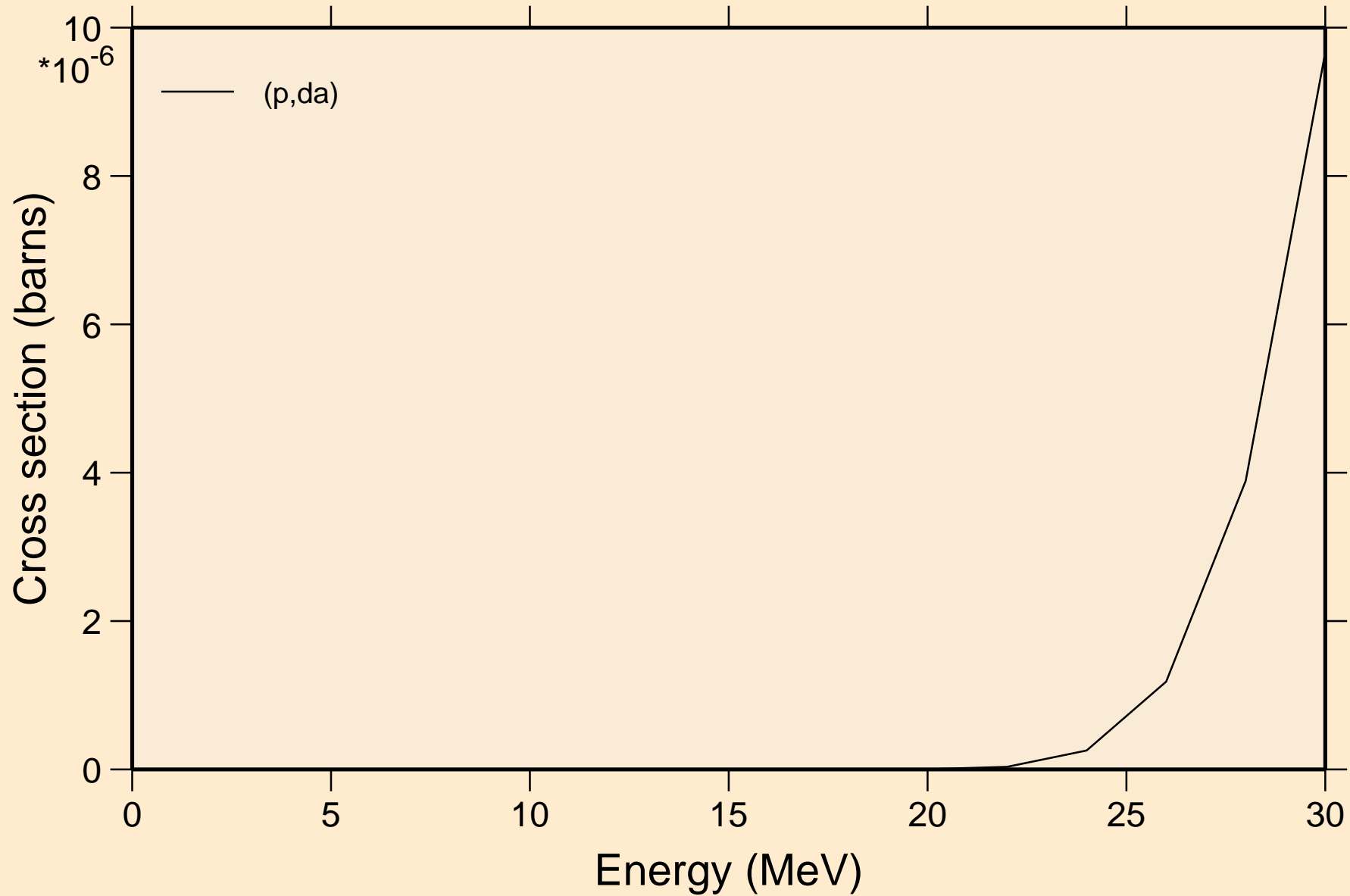
## Threshold reactions



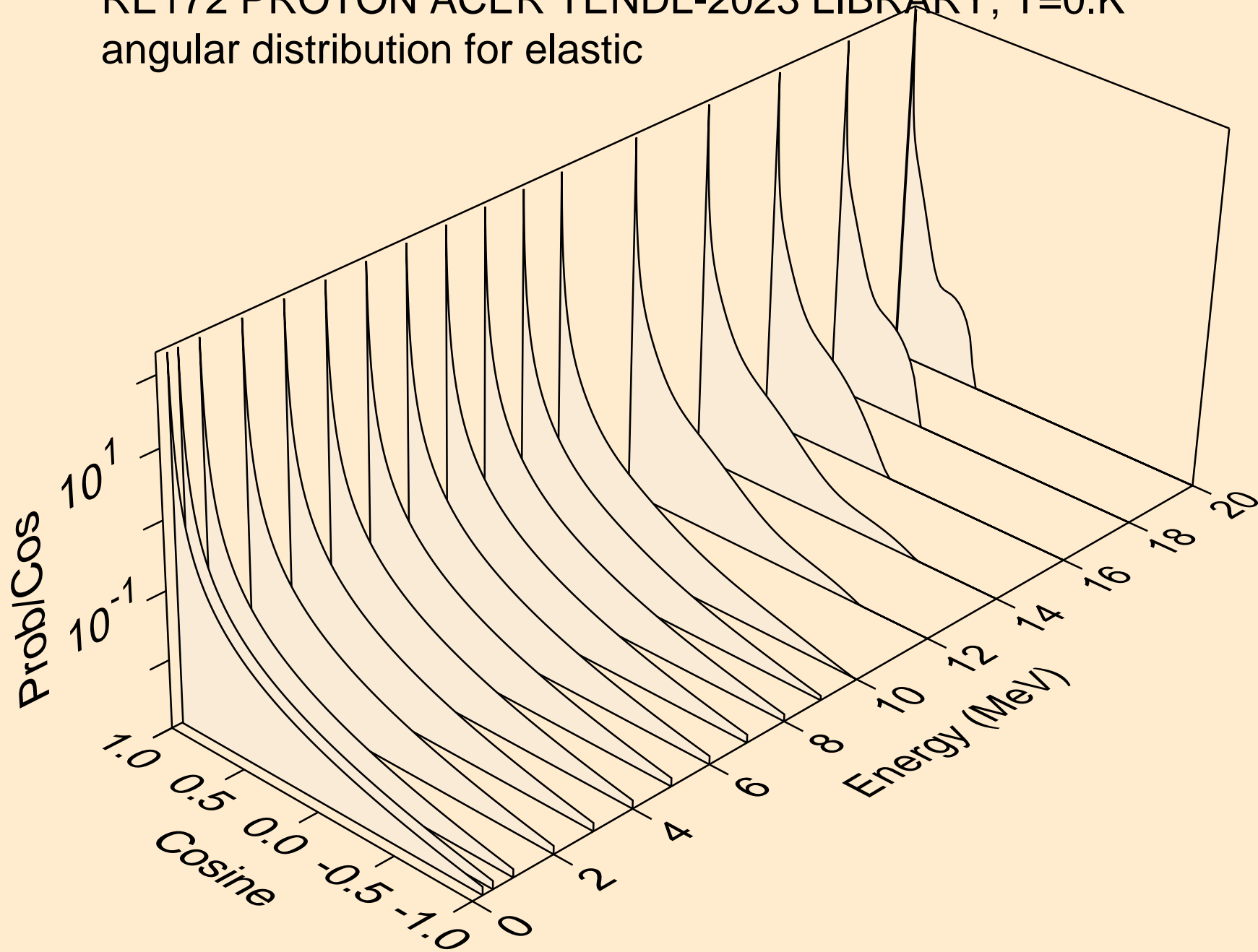
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

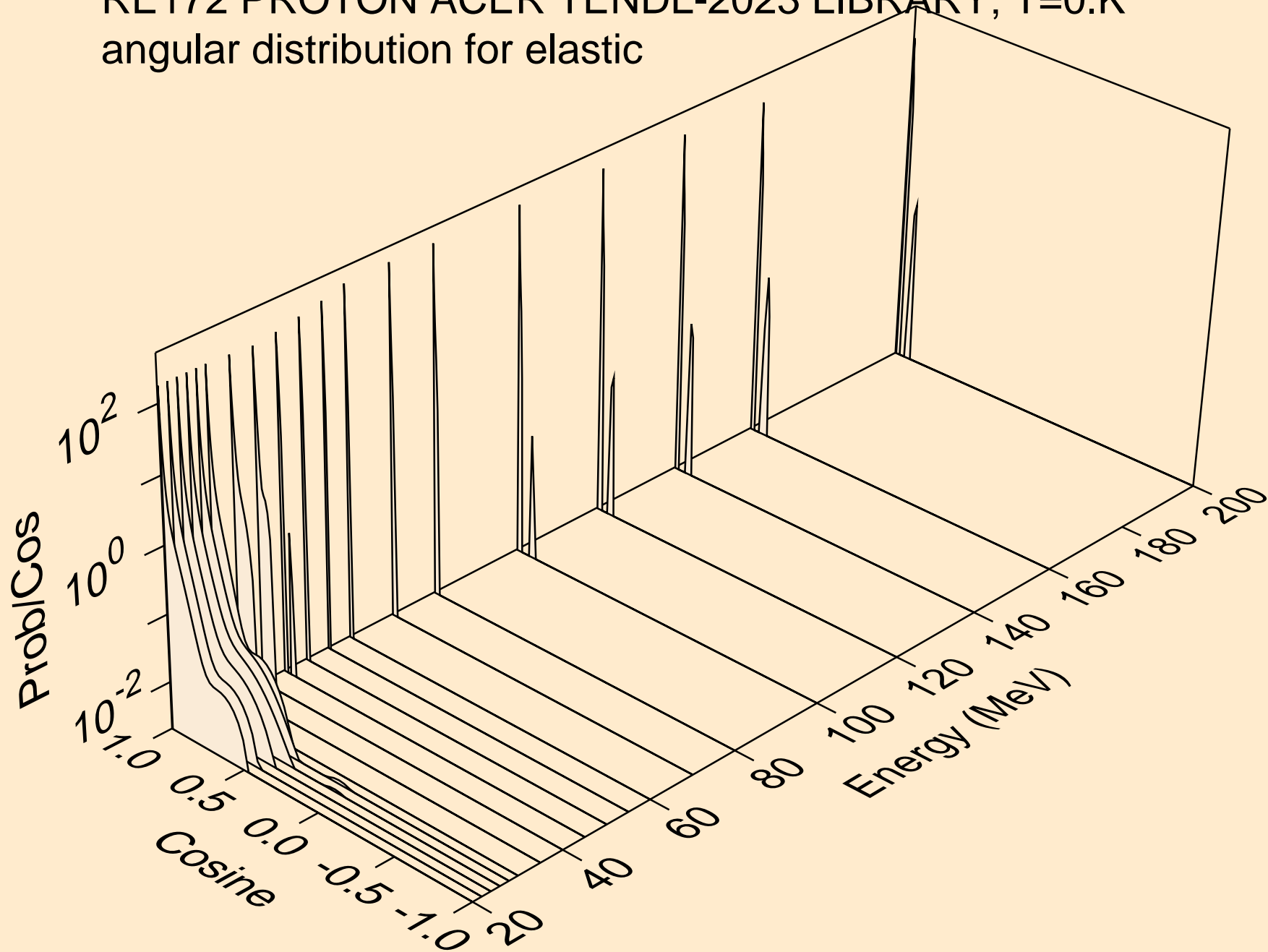


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

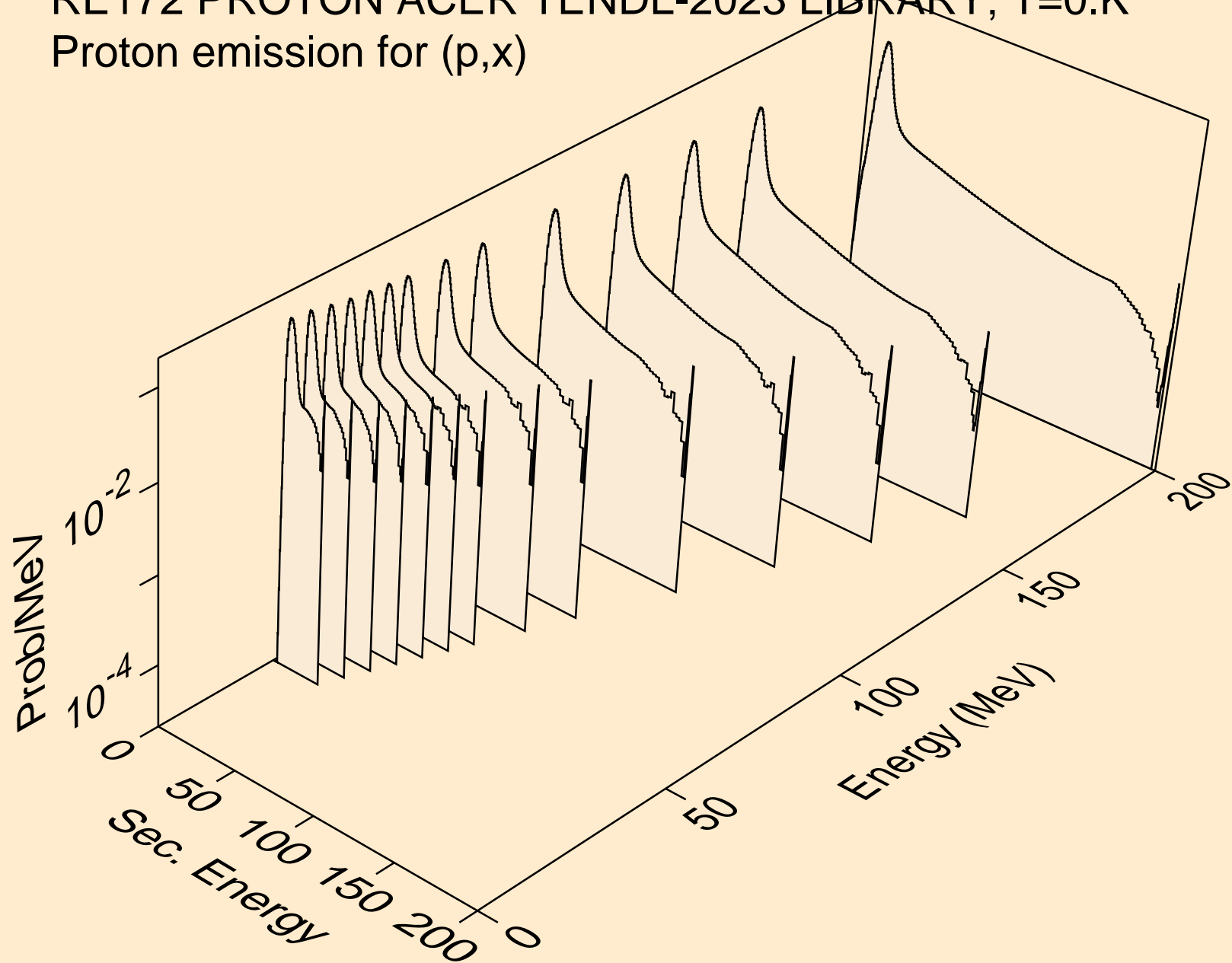




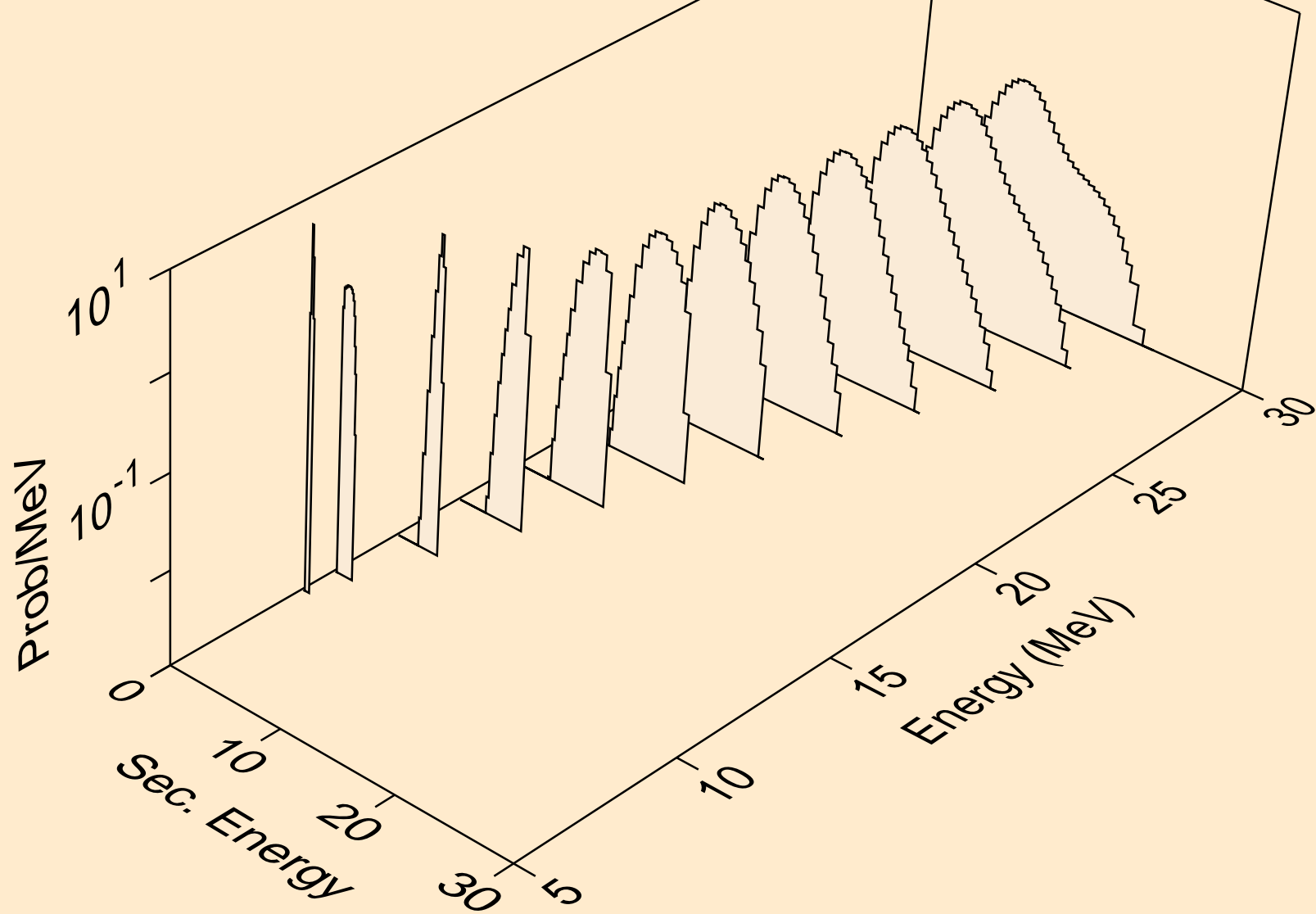
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



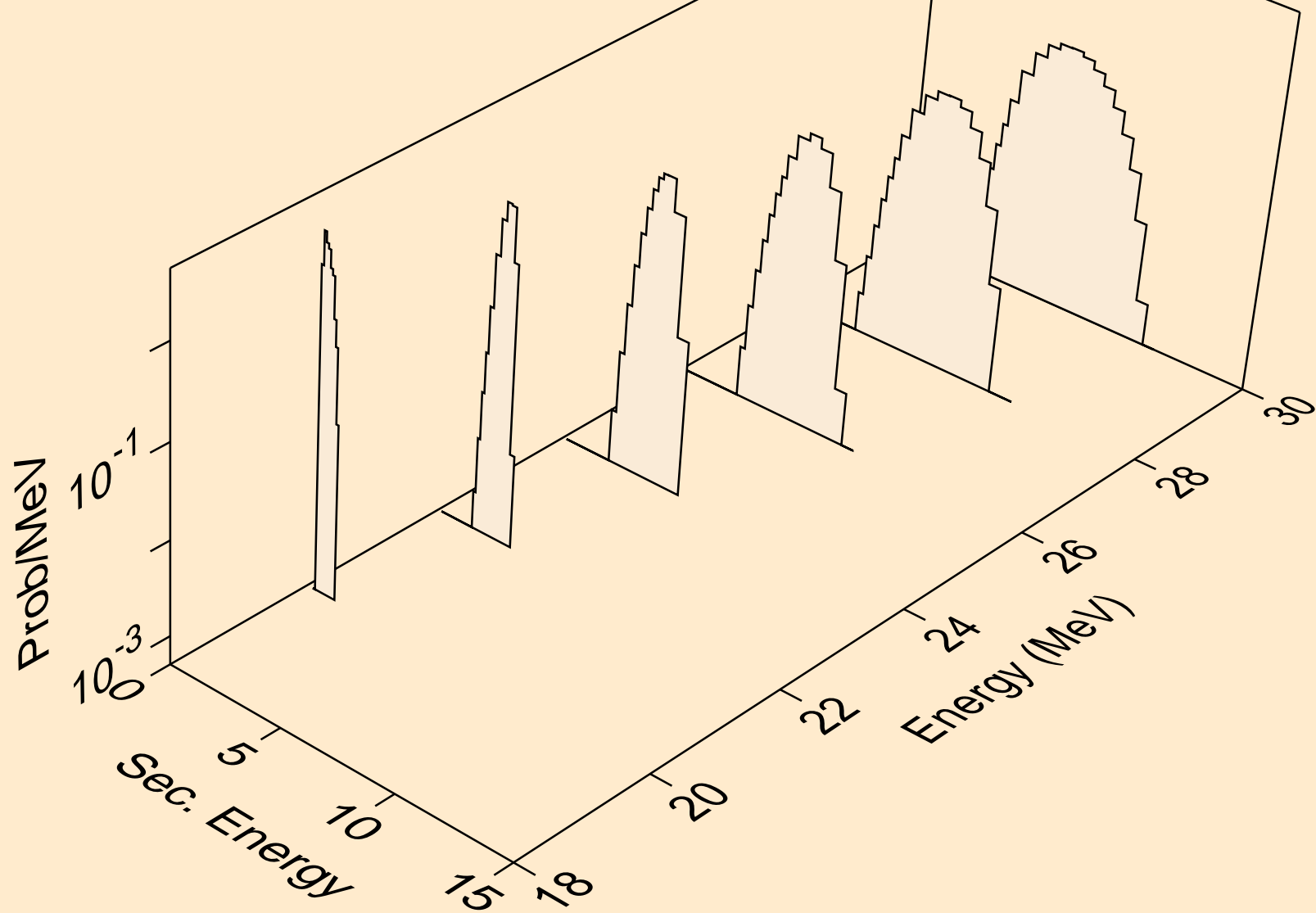
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



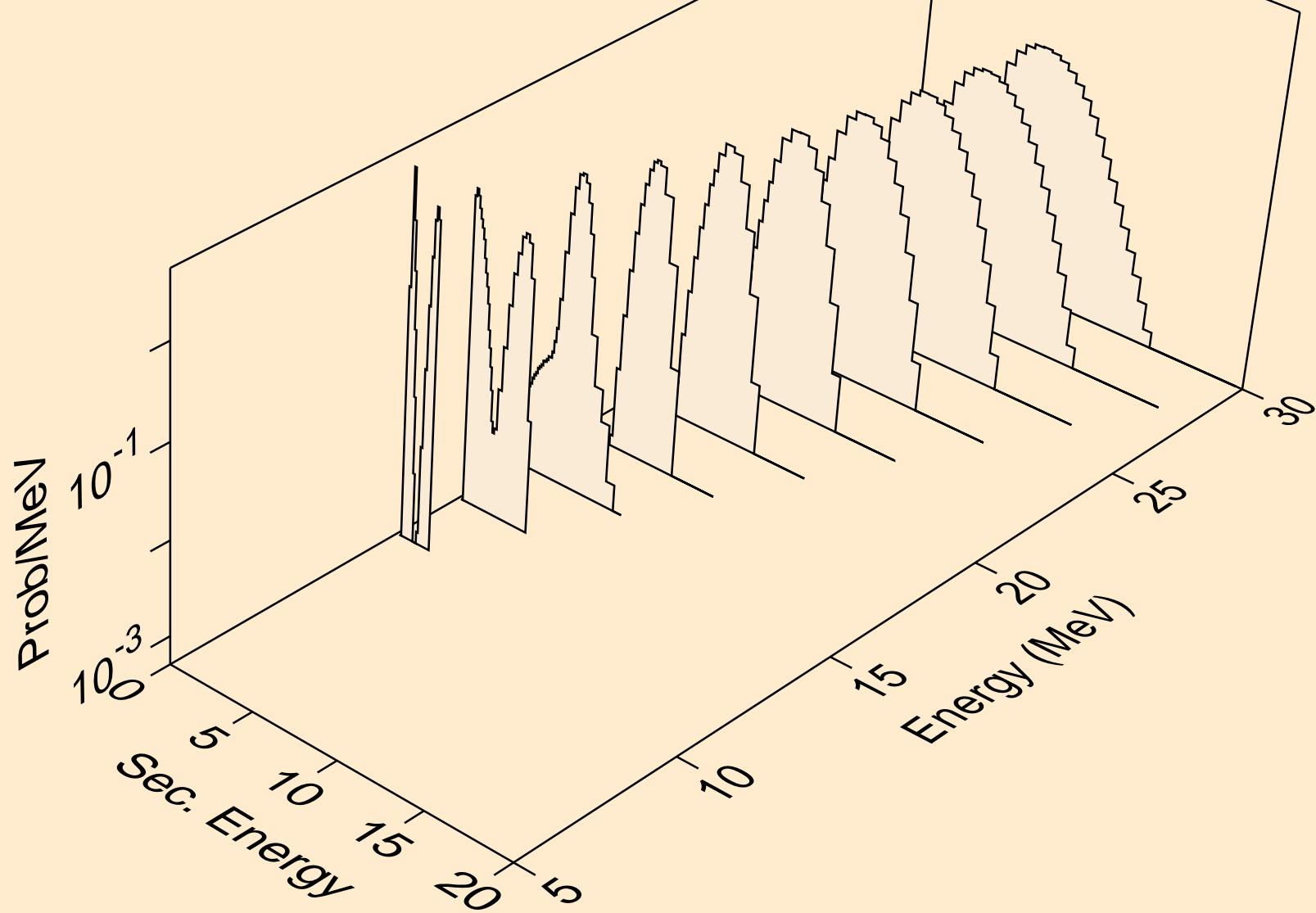
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



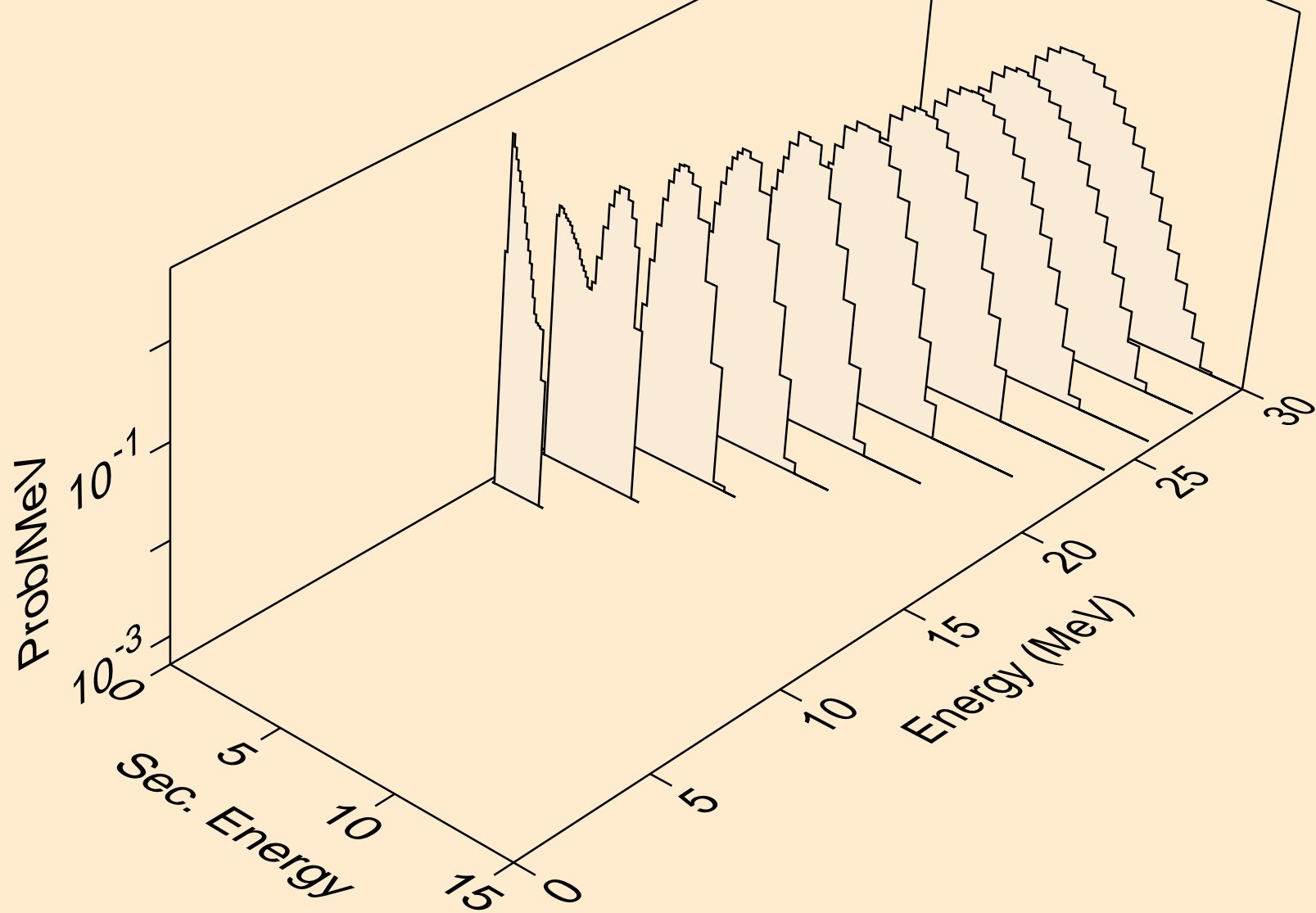
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



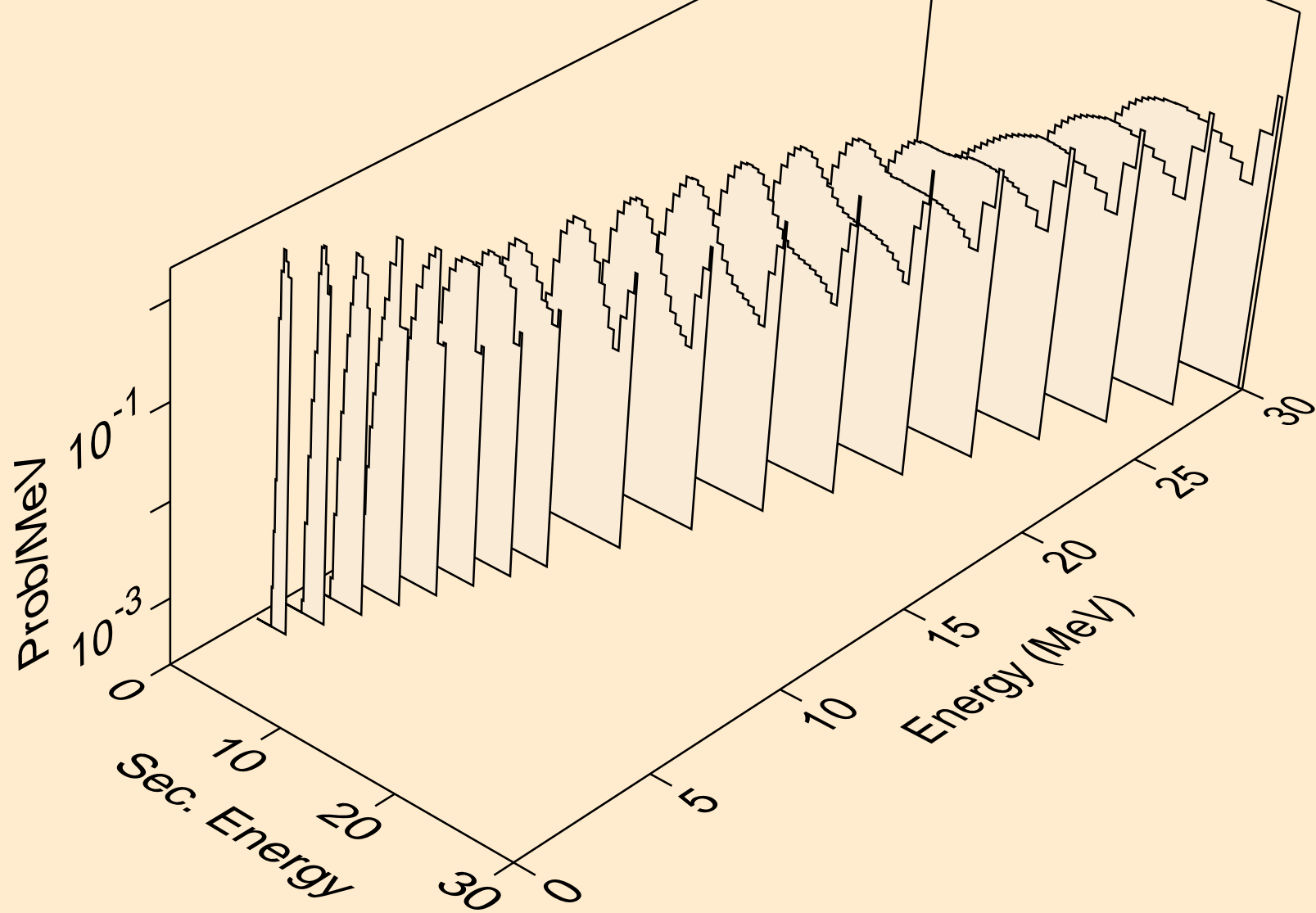
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Proton emission for (p,n2p)



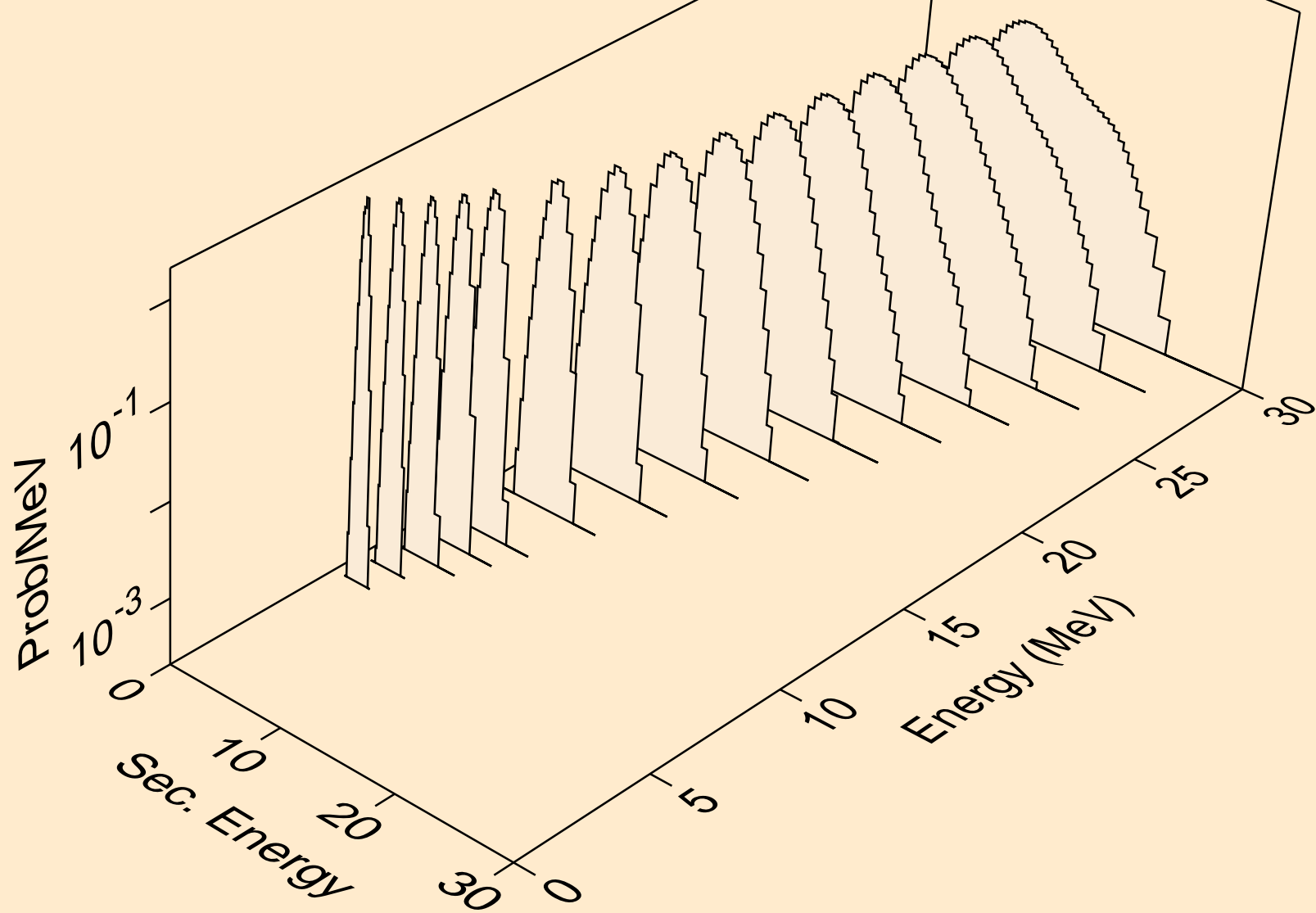
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

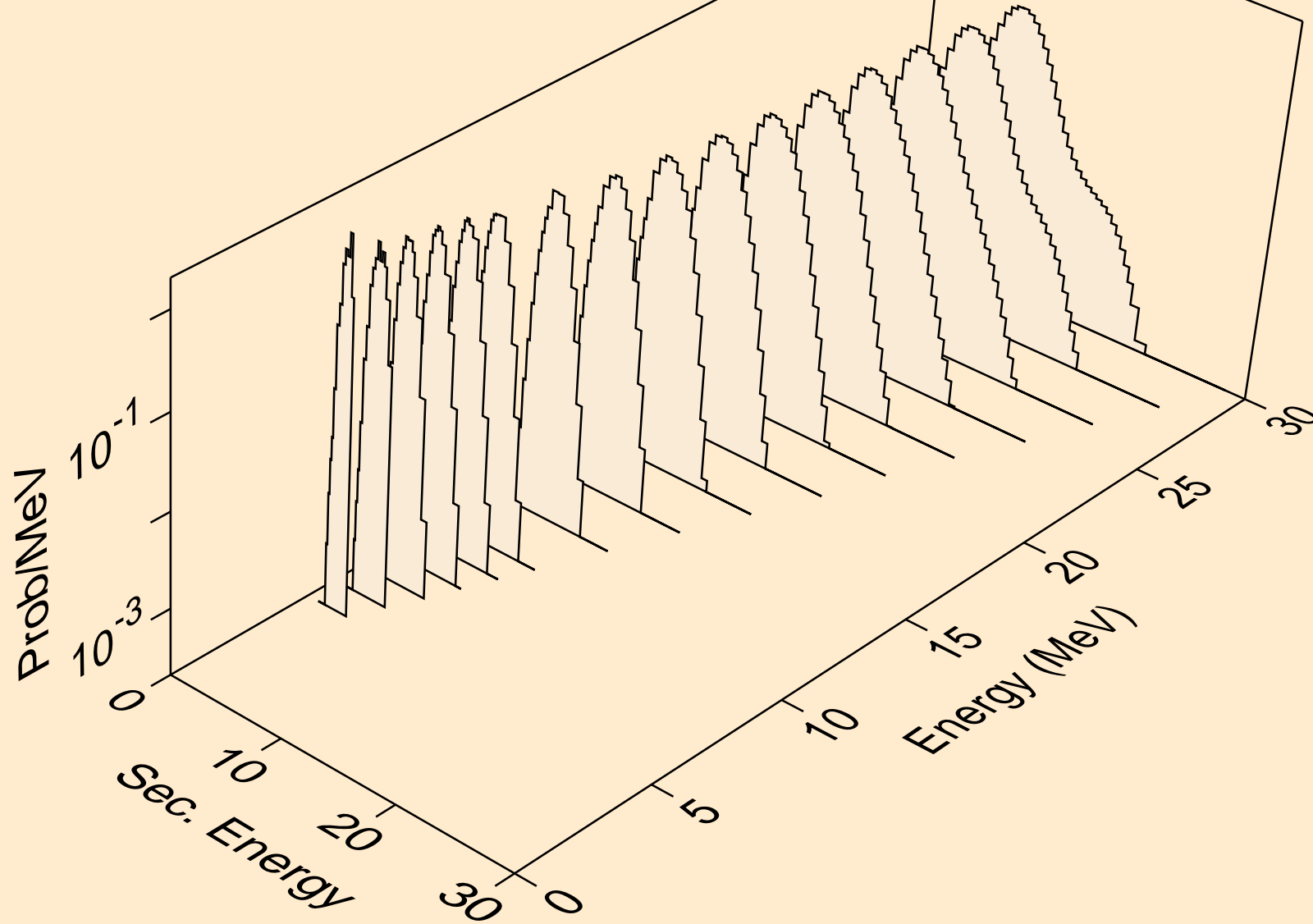


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

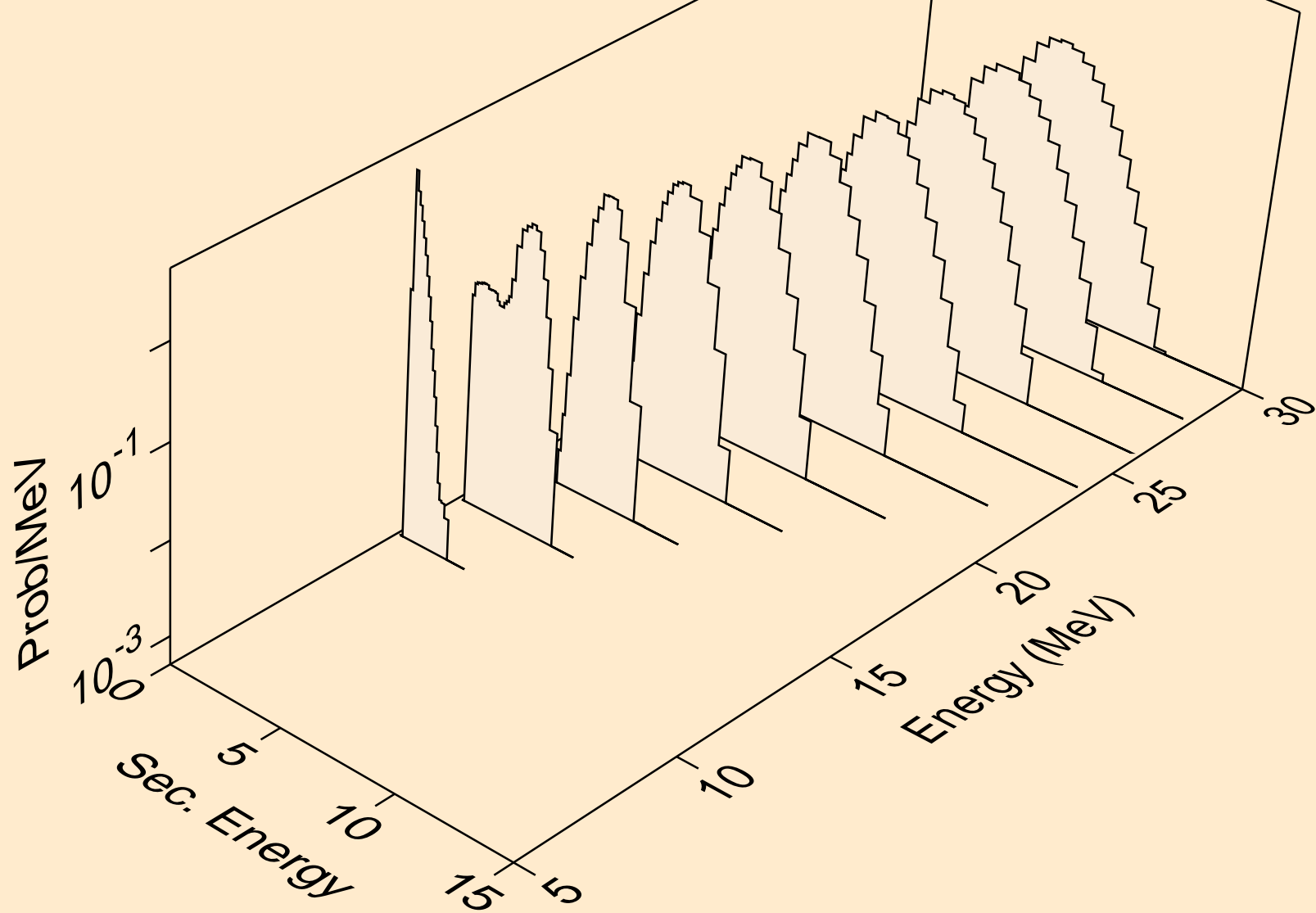




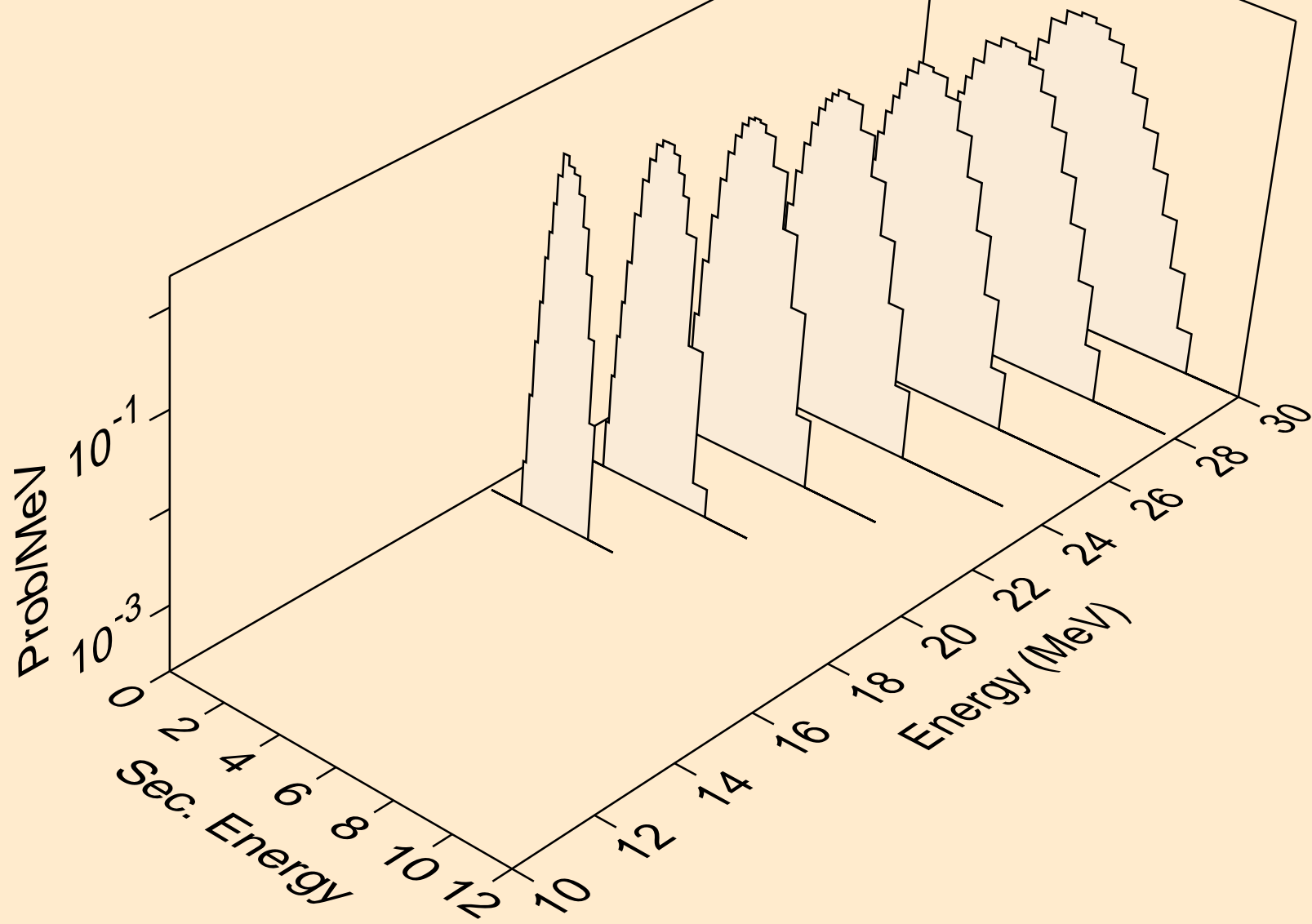
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Proton emission for (p,pa)



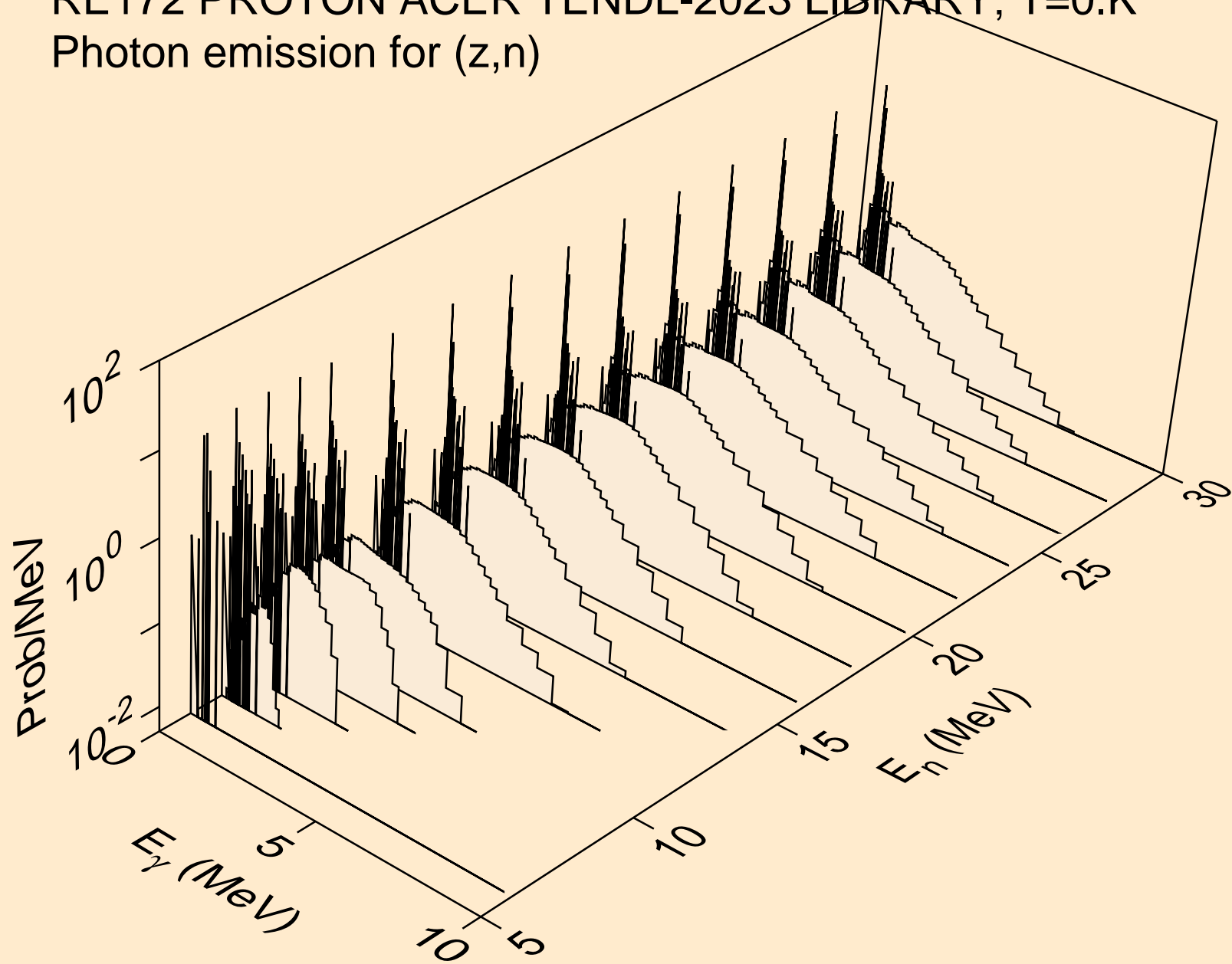
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



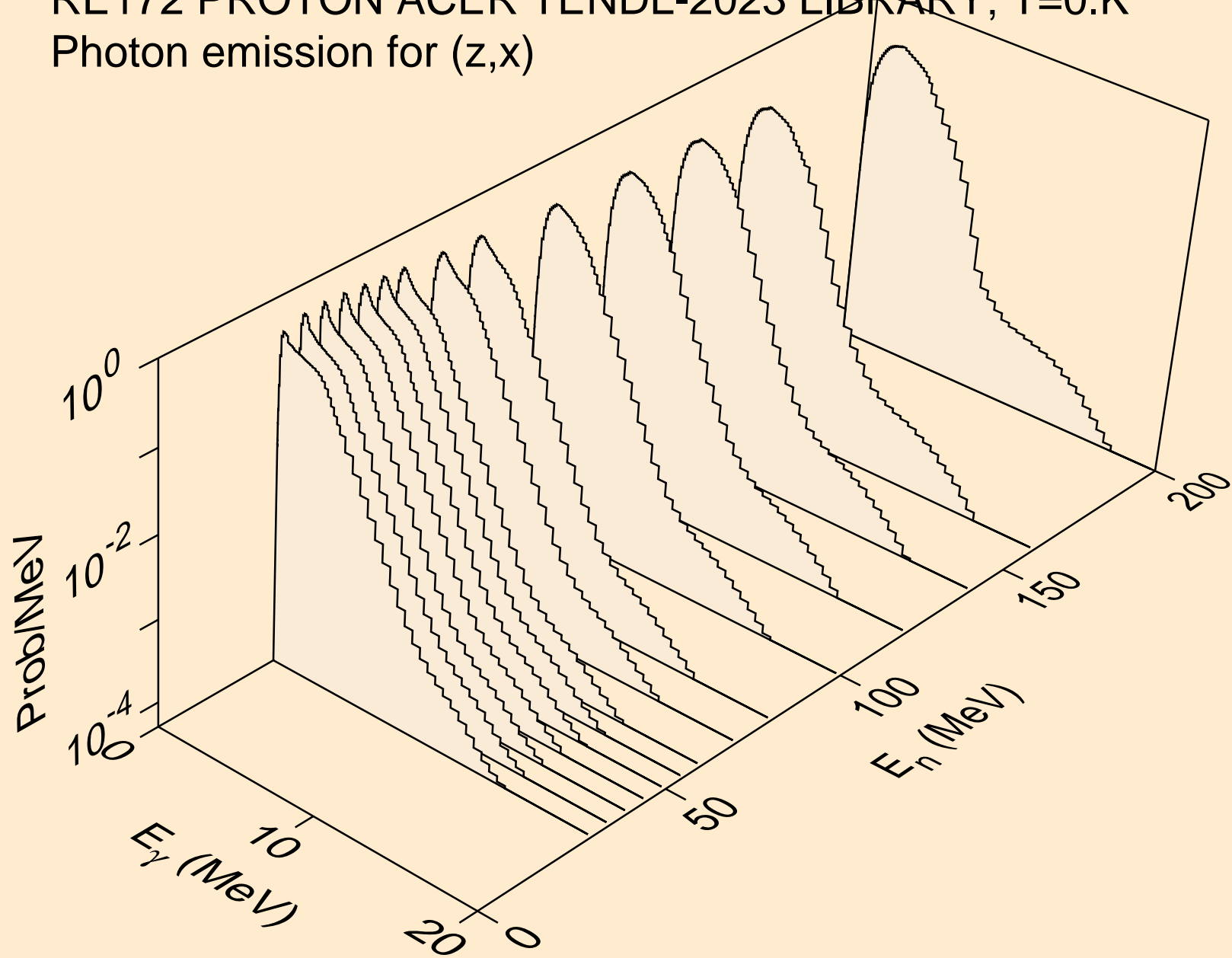
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Proton emission for (p,pt)



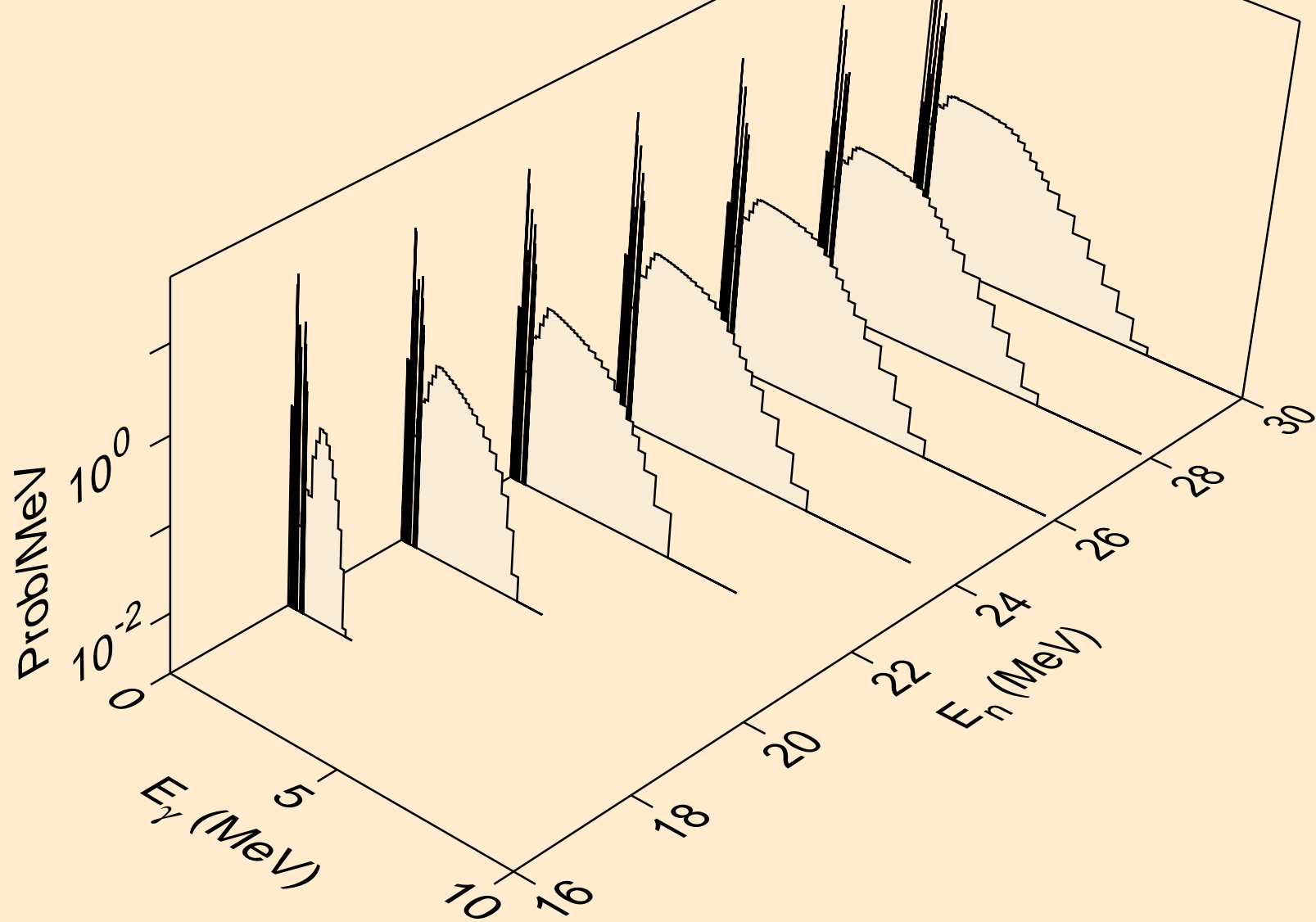
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Photon emission for (z,n)



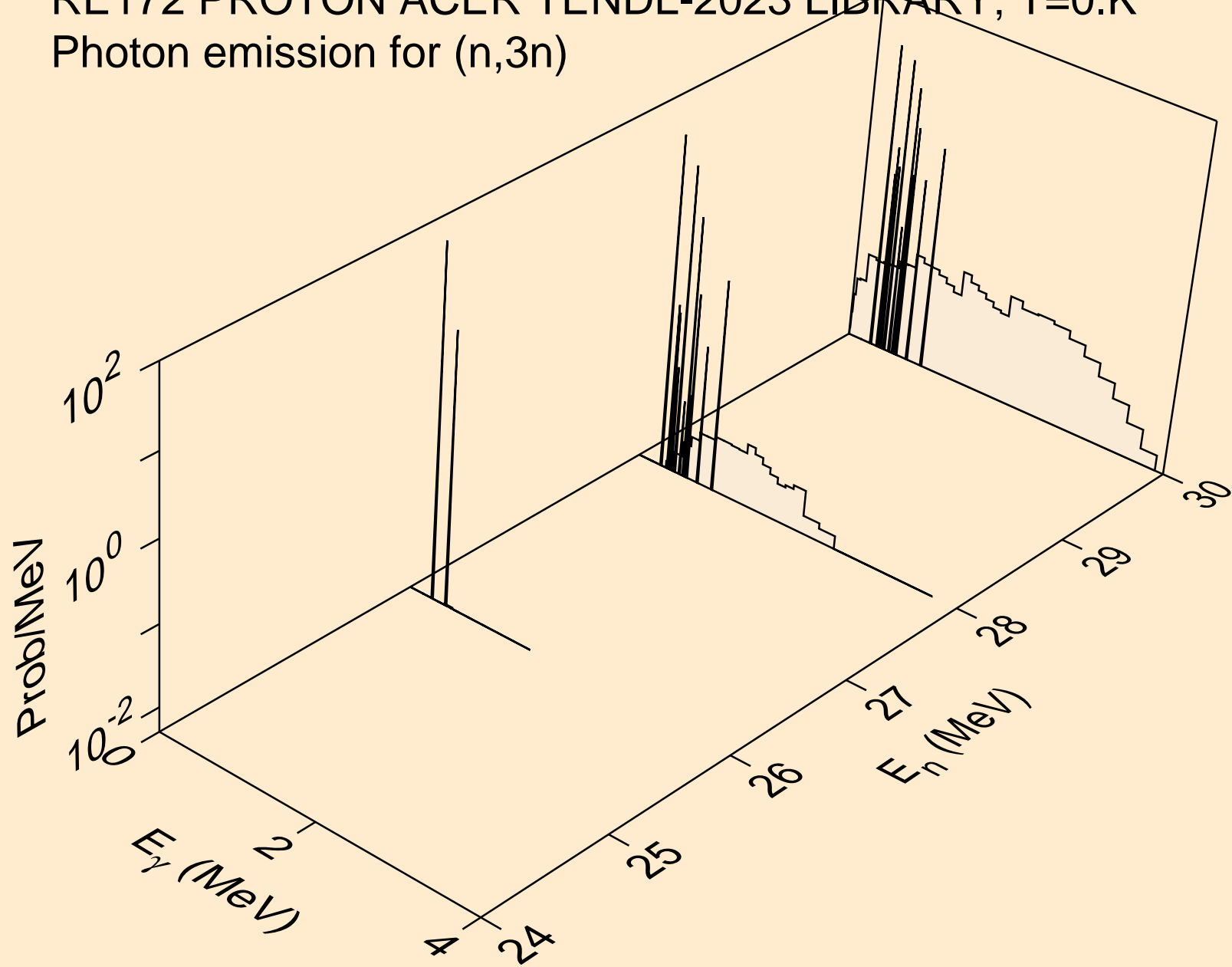
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Photon emission for (z,x)



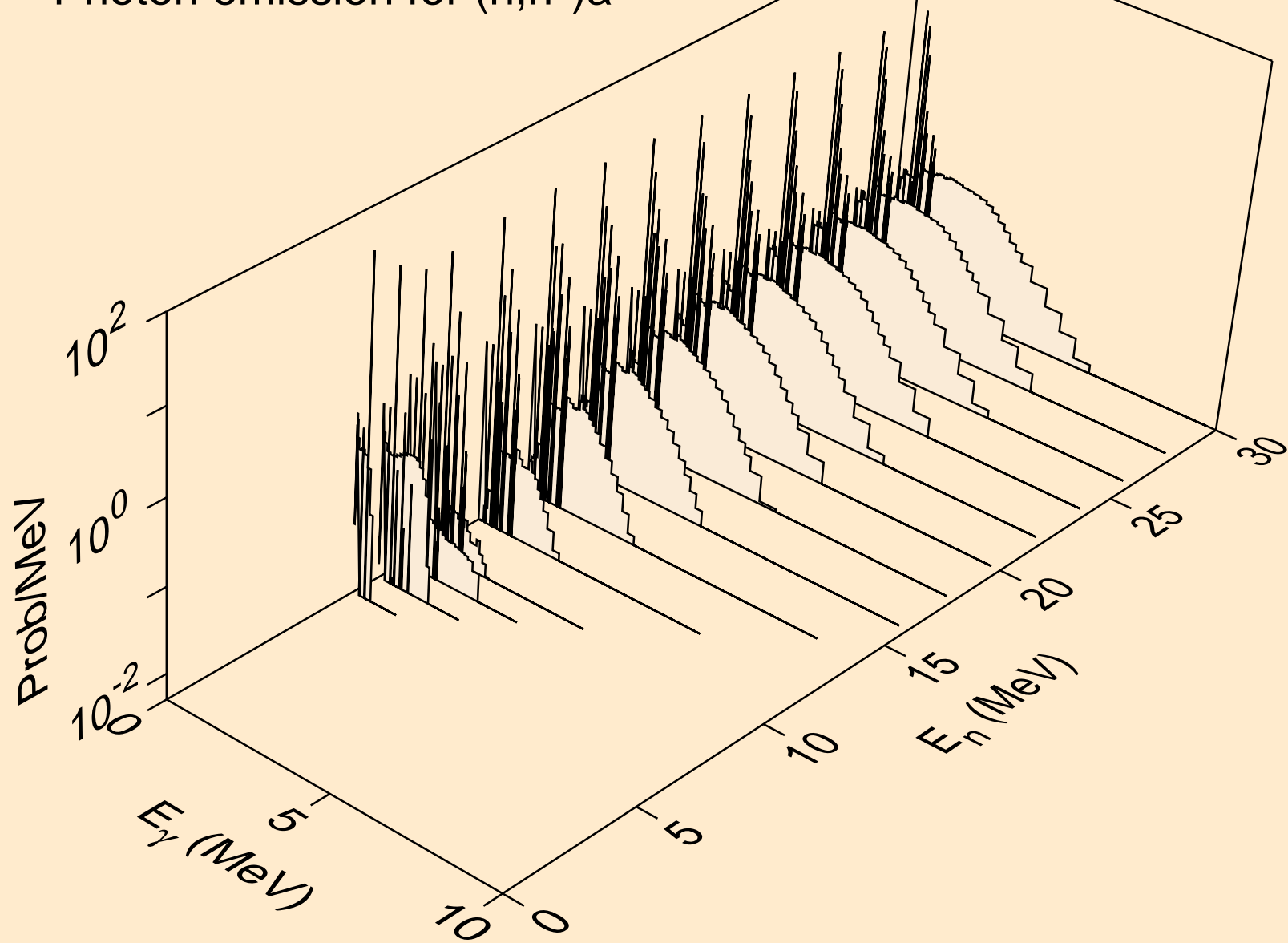
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

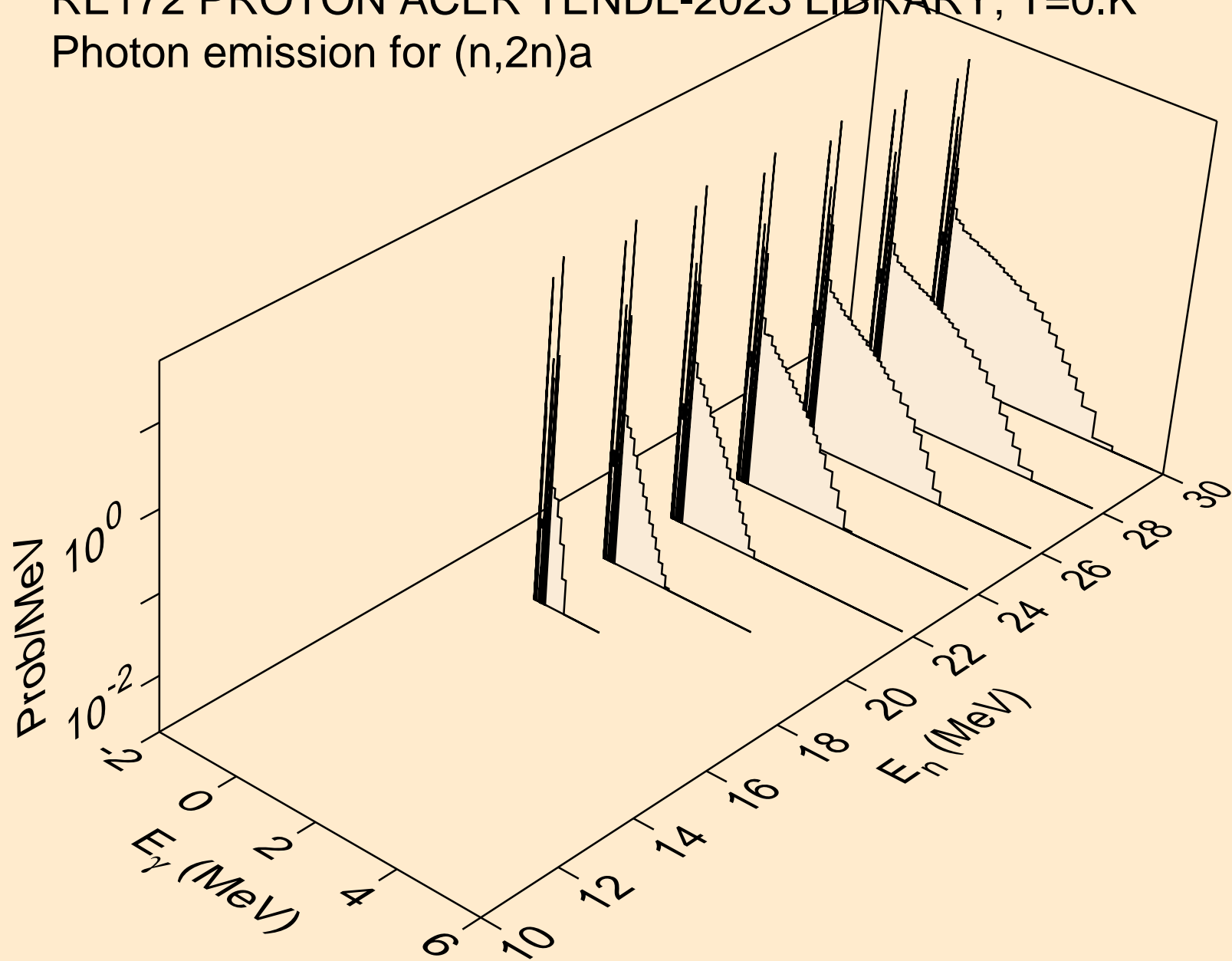


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

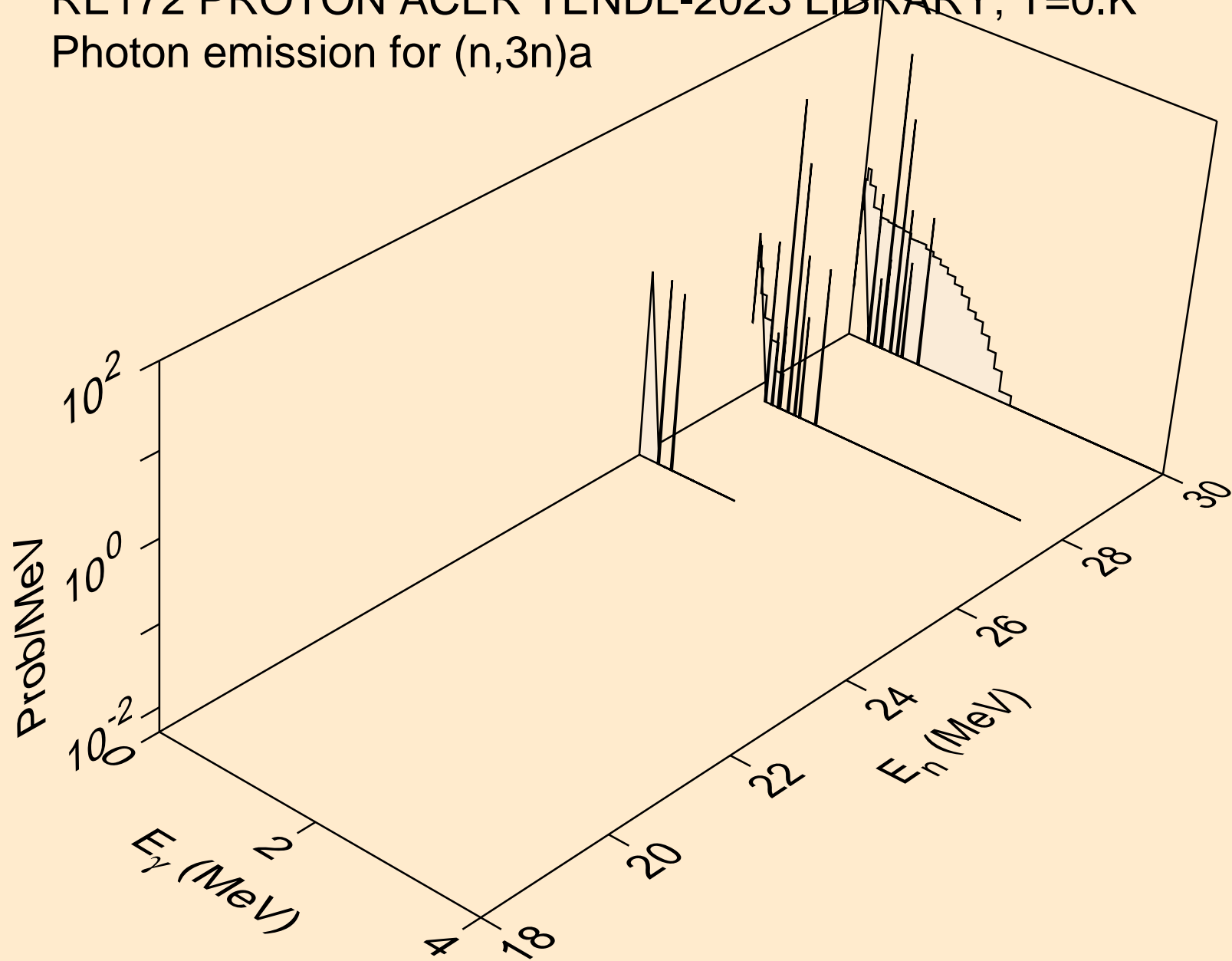




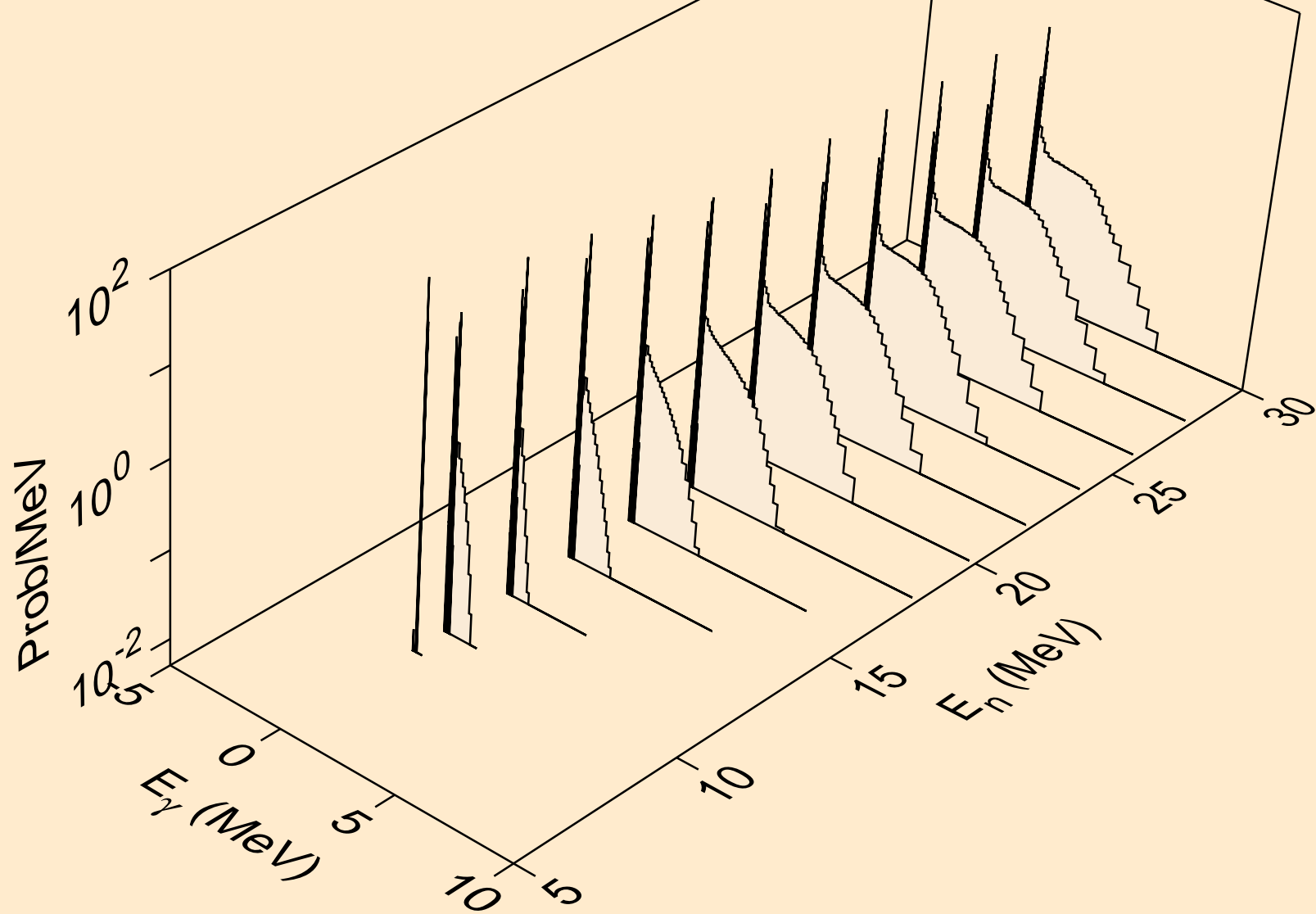
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Photon emission for (n,2n)a



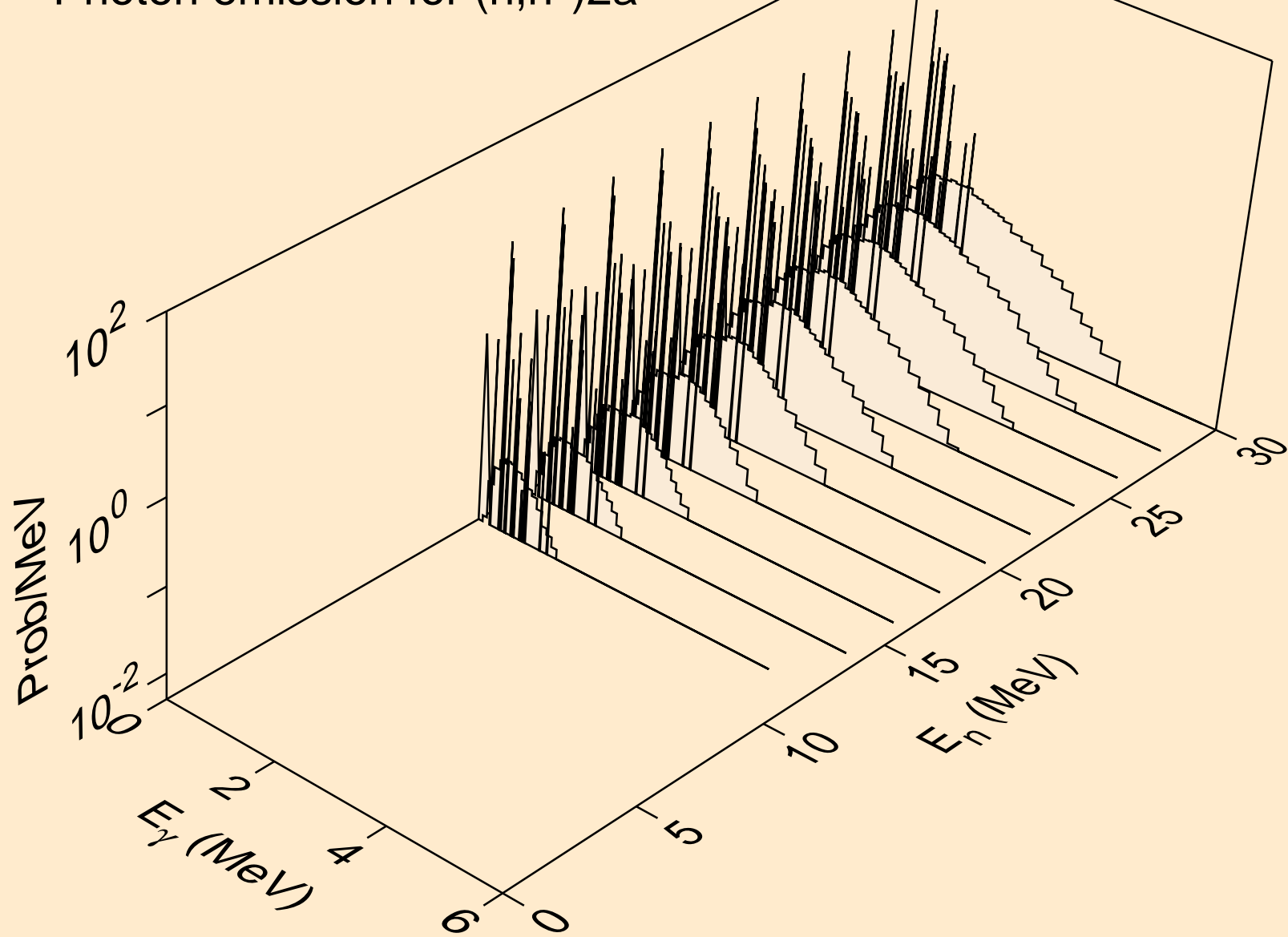
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Photon emission for (n,3n)a



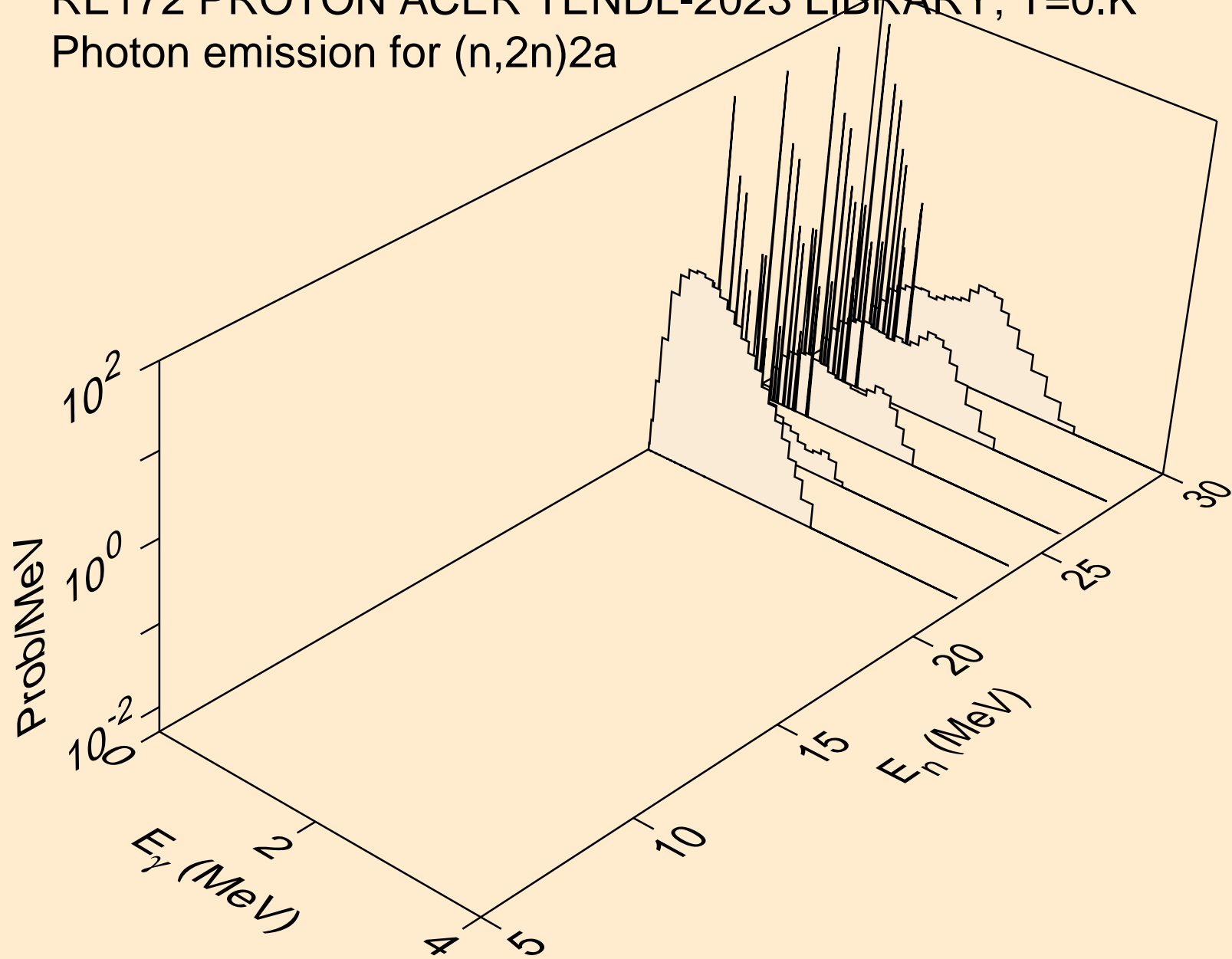
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



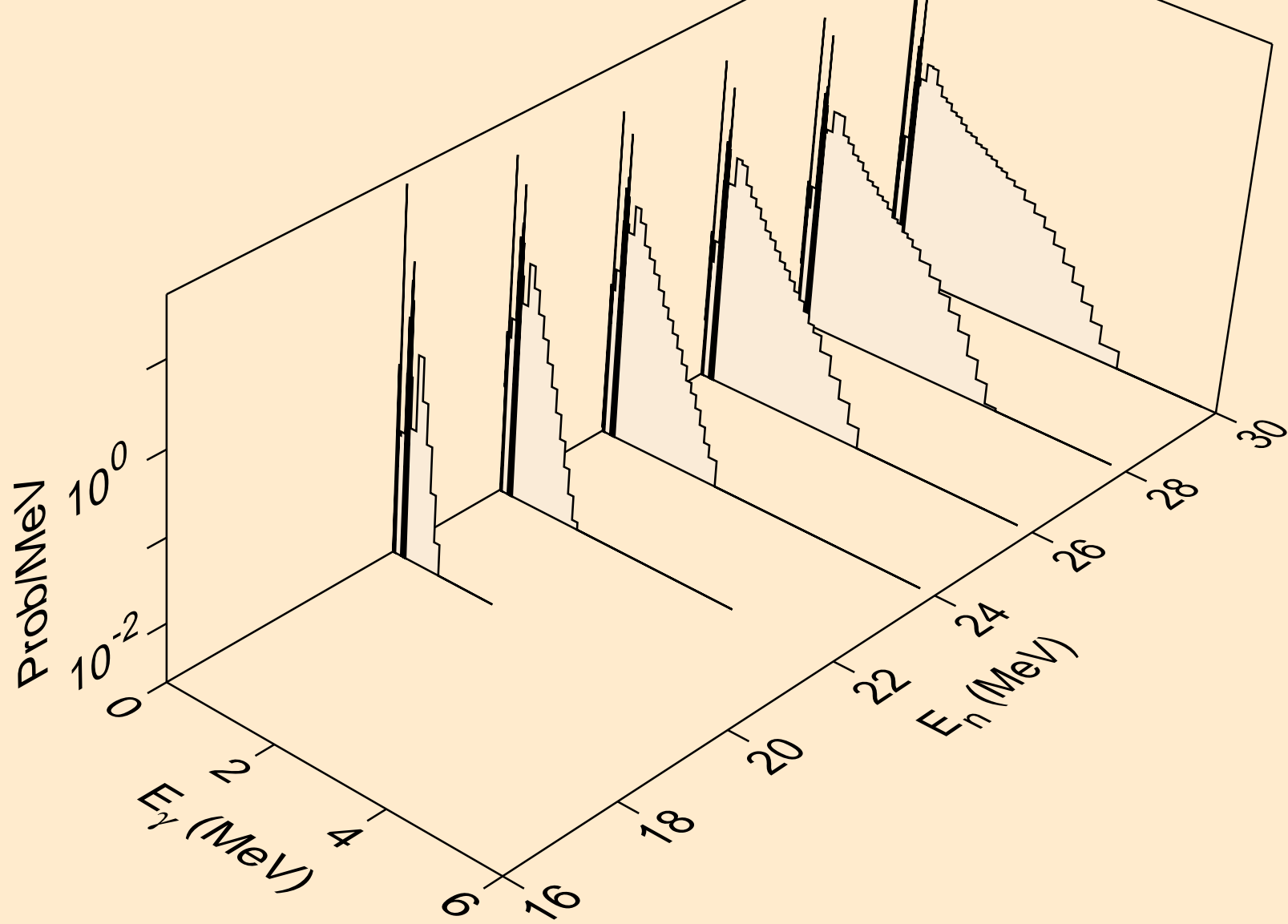
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Photon emission for (n,n\*)2a



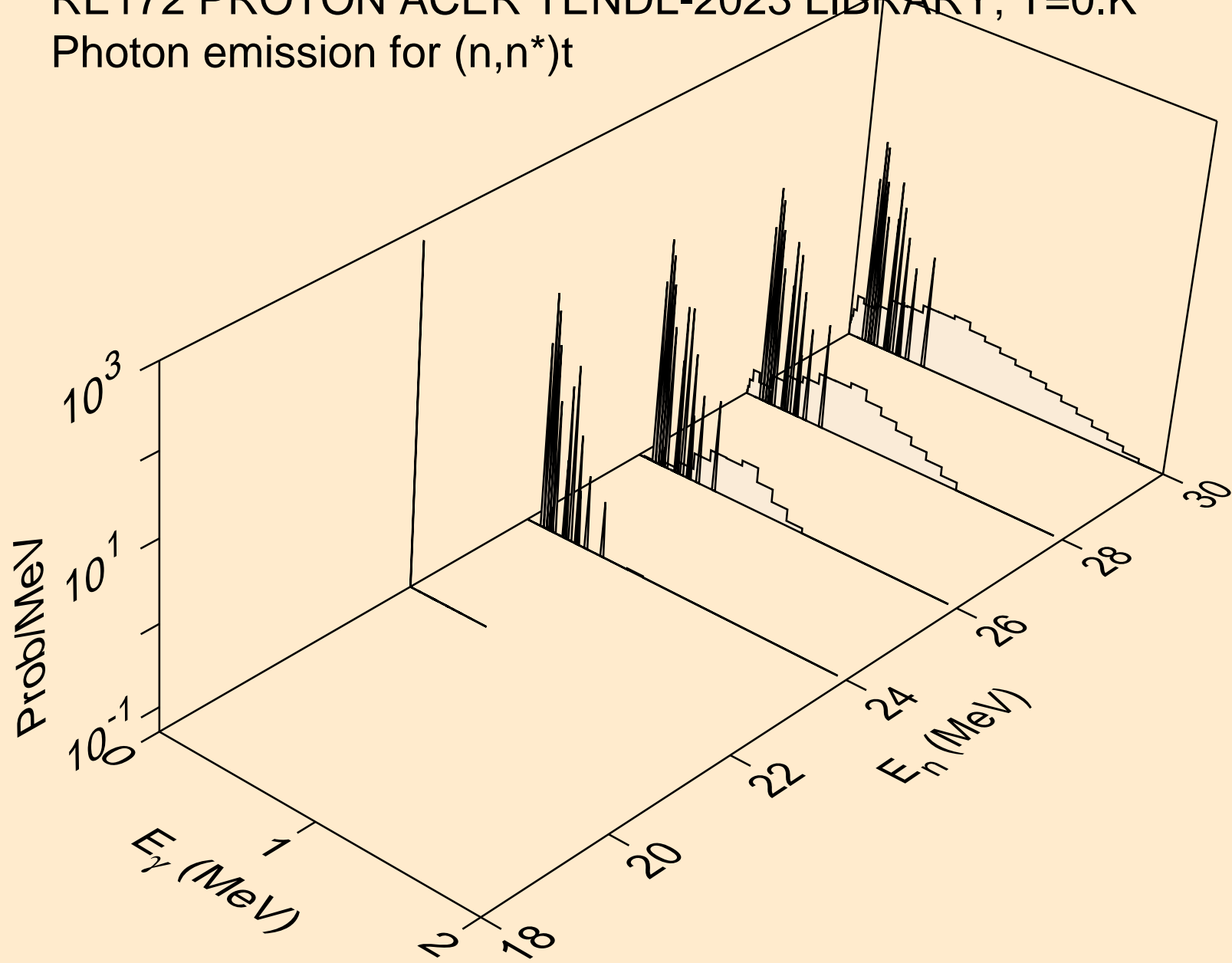
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Photon emission for (n,2n)2a



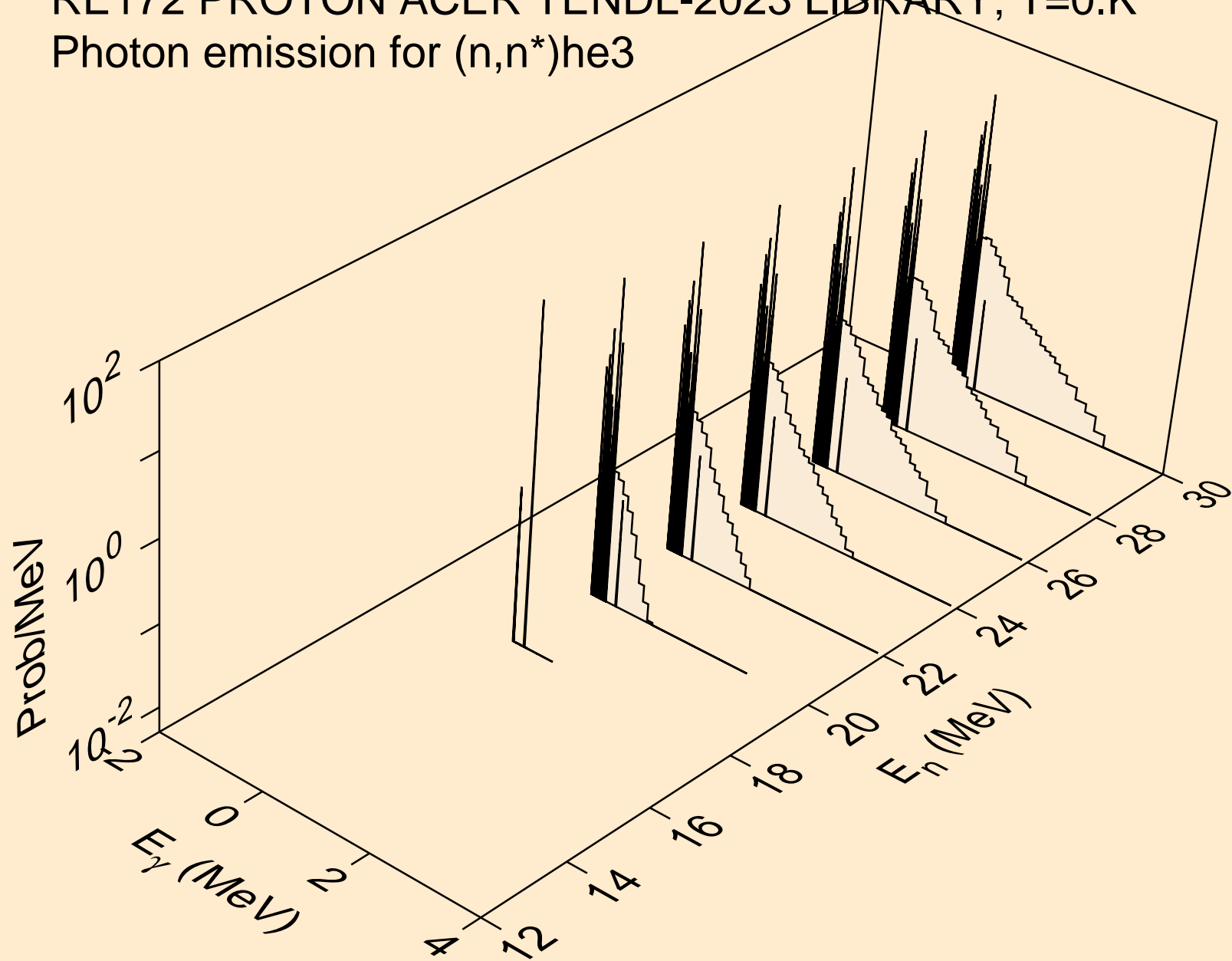
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

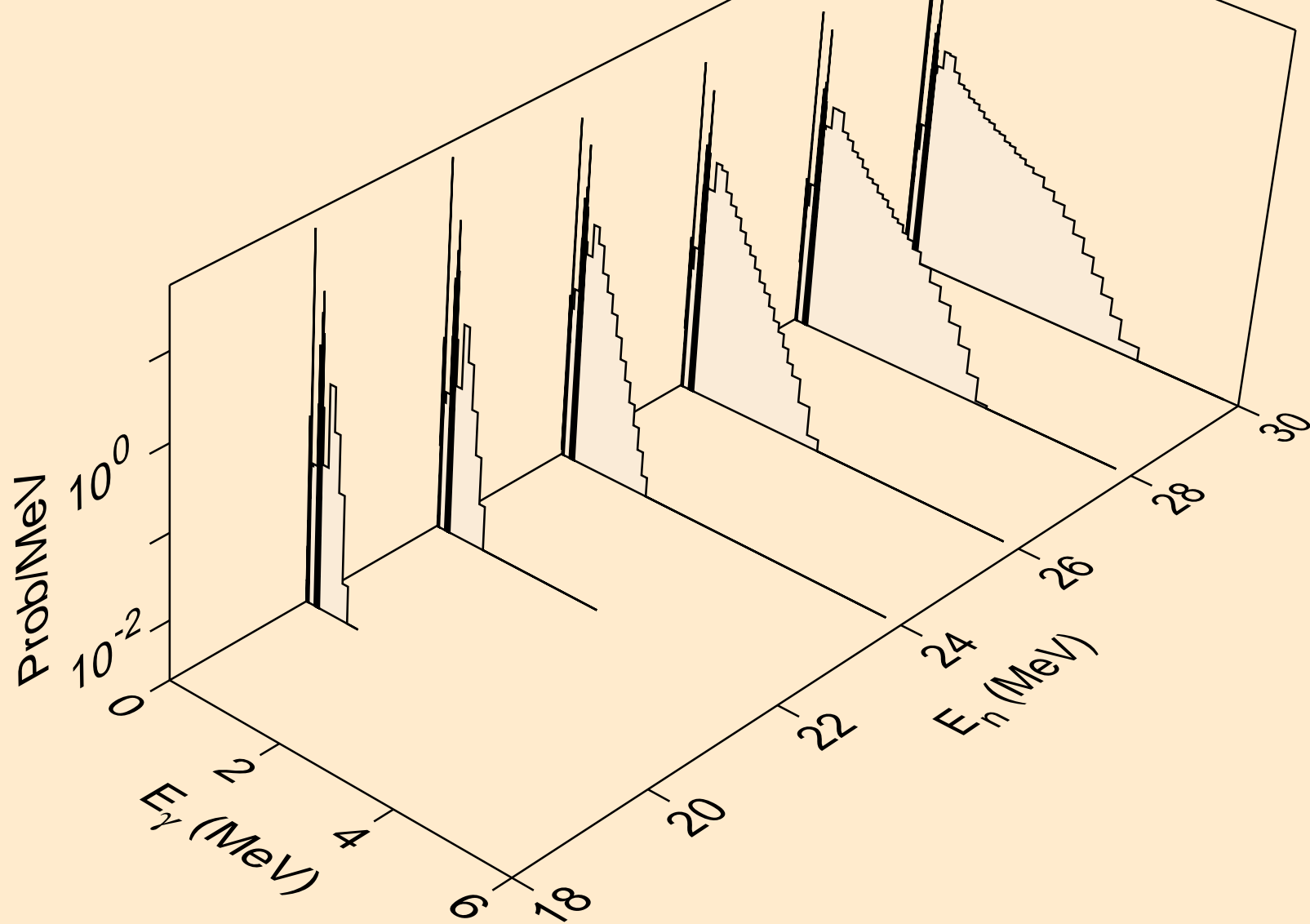


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

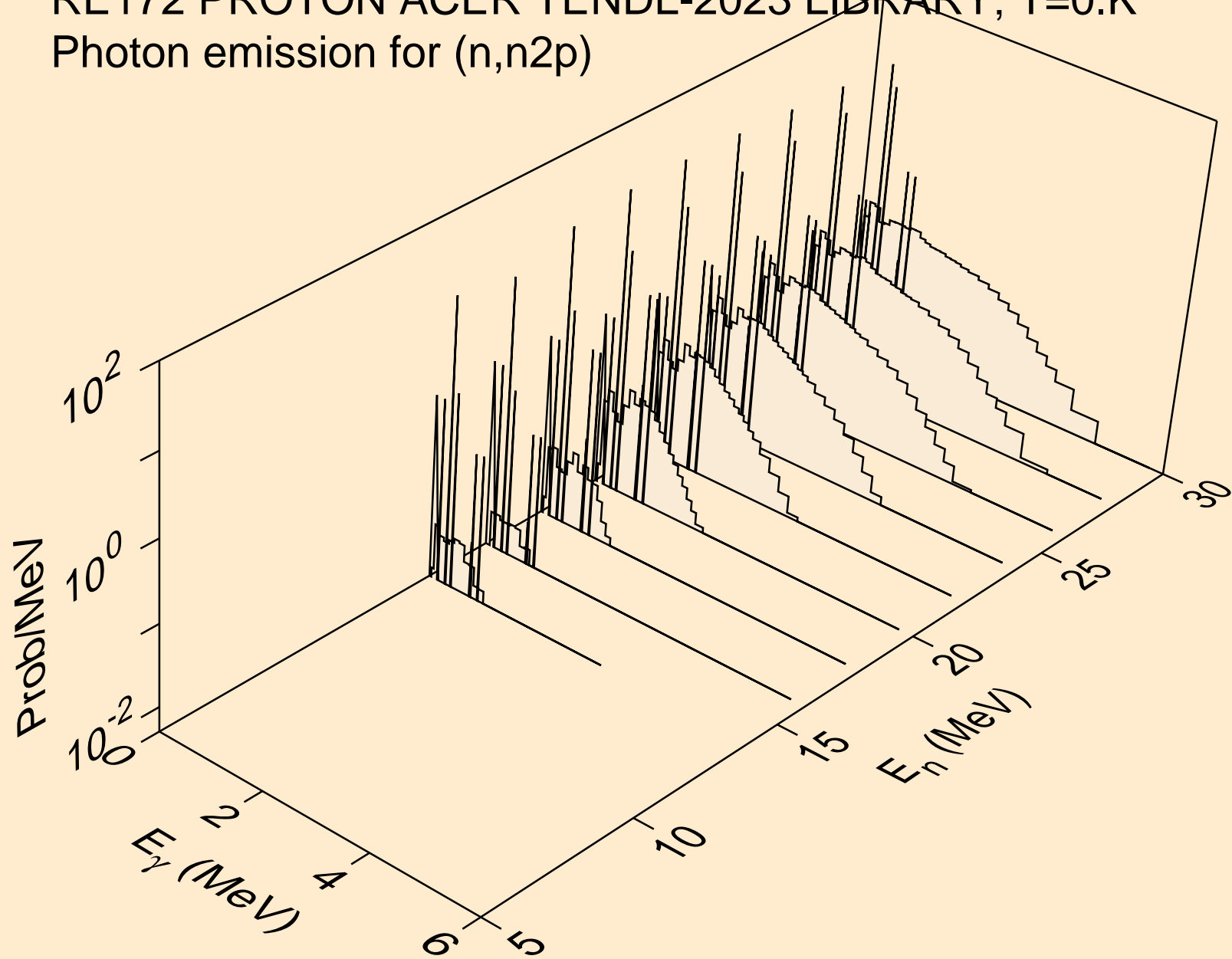




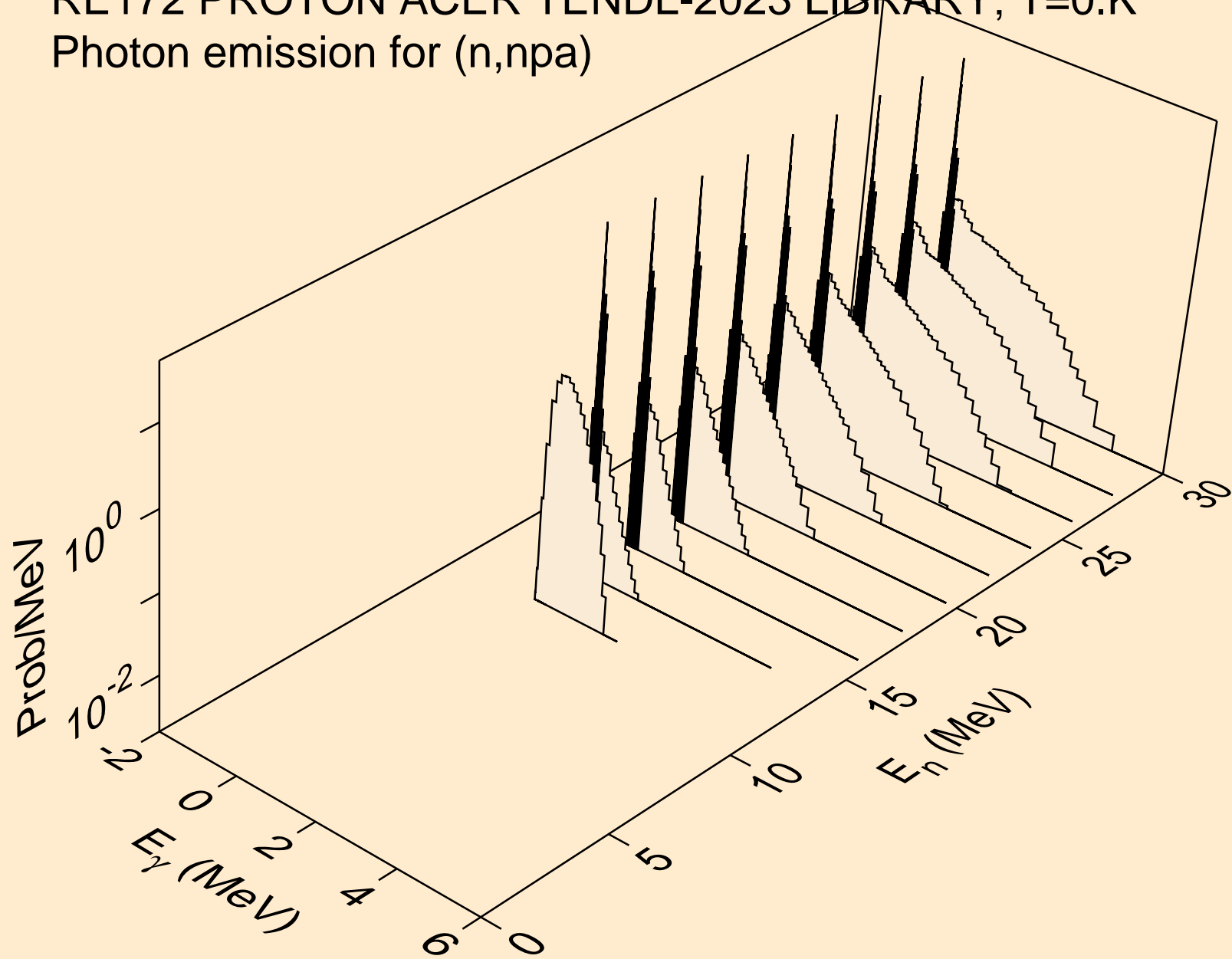
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Photon emission for (n,2np)



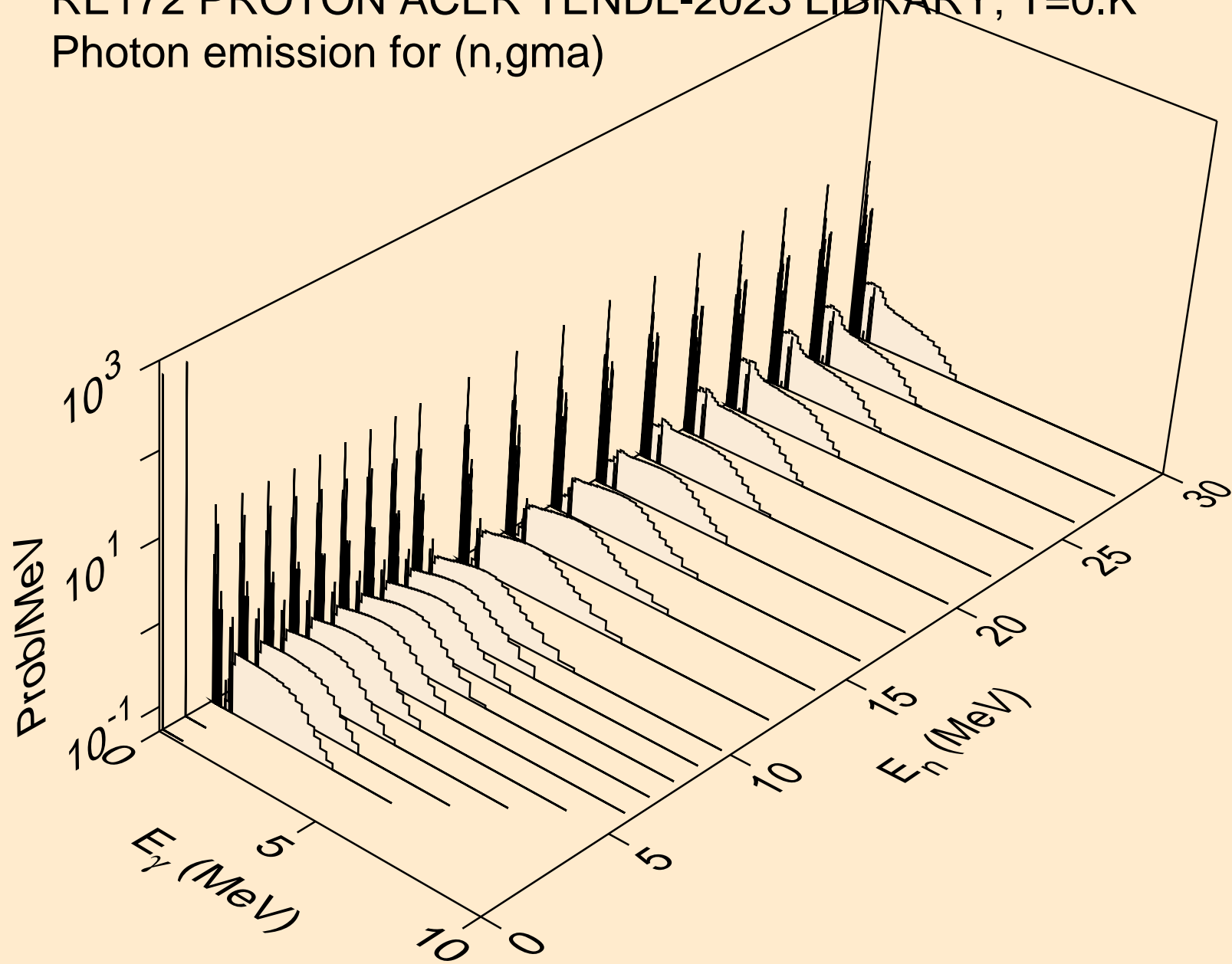
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Photon emission for (n,n2p)



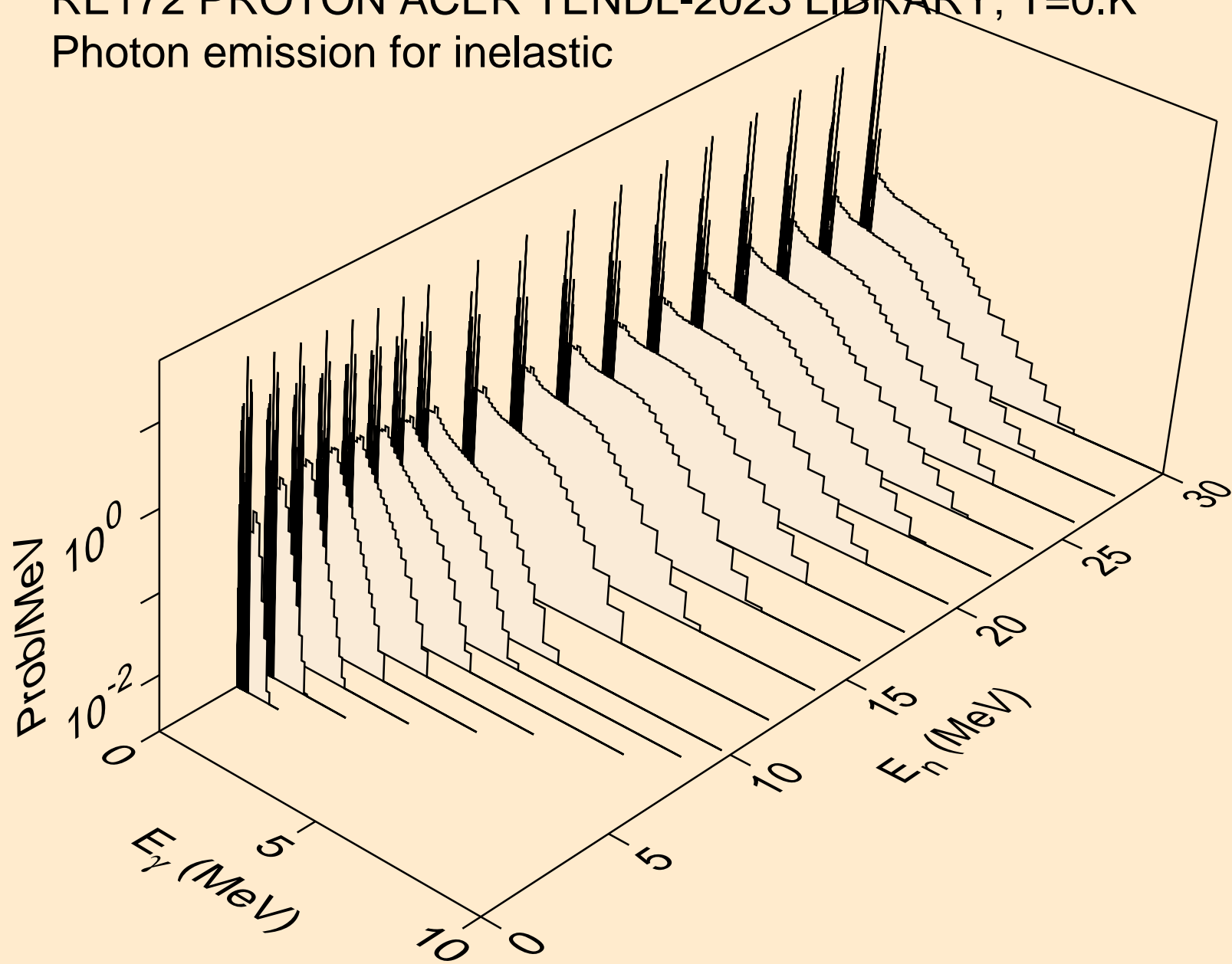
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Photon emission for (n,npa)



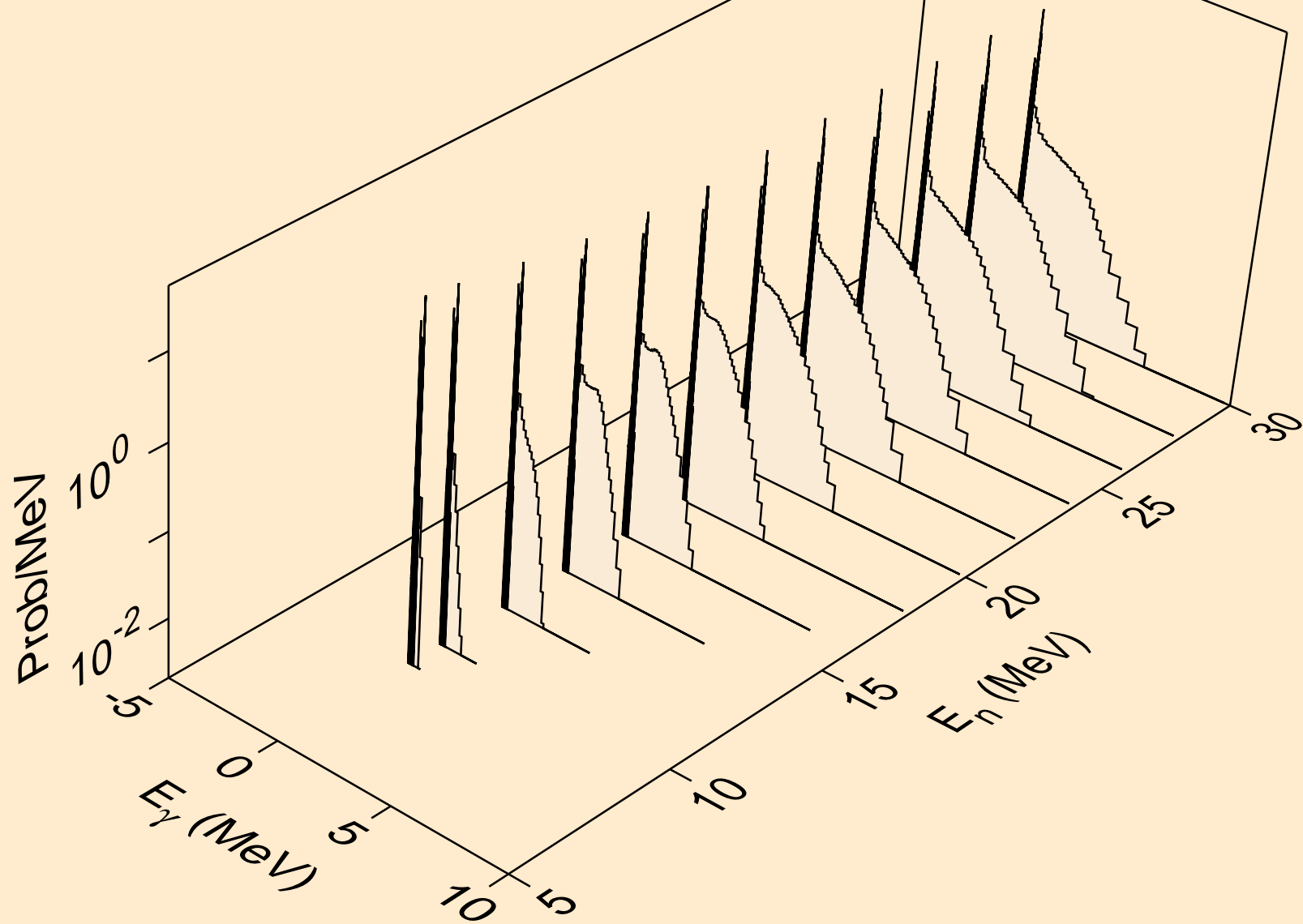
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Photon emission for (n,gma)



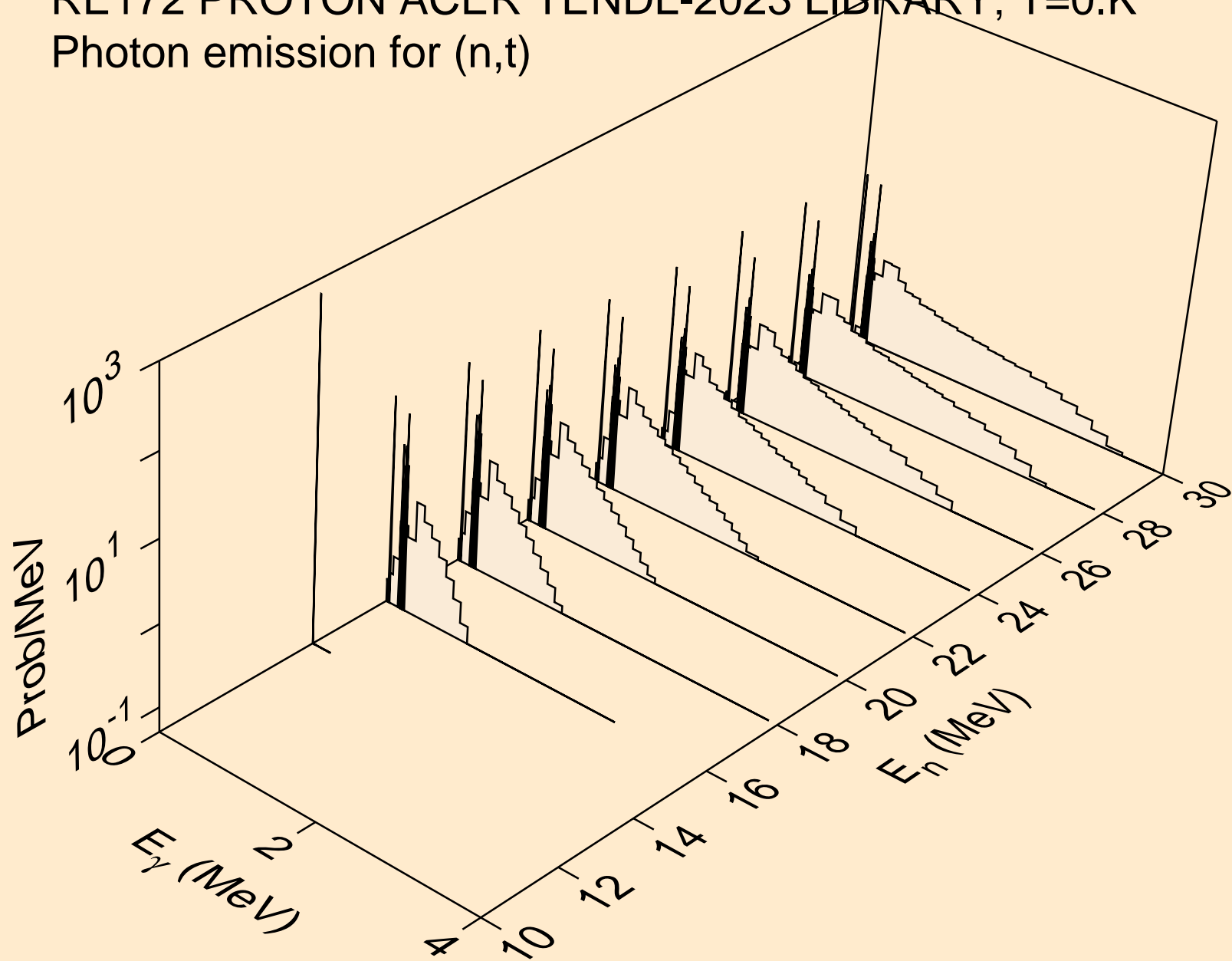
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



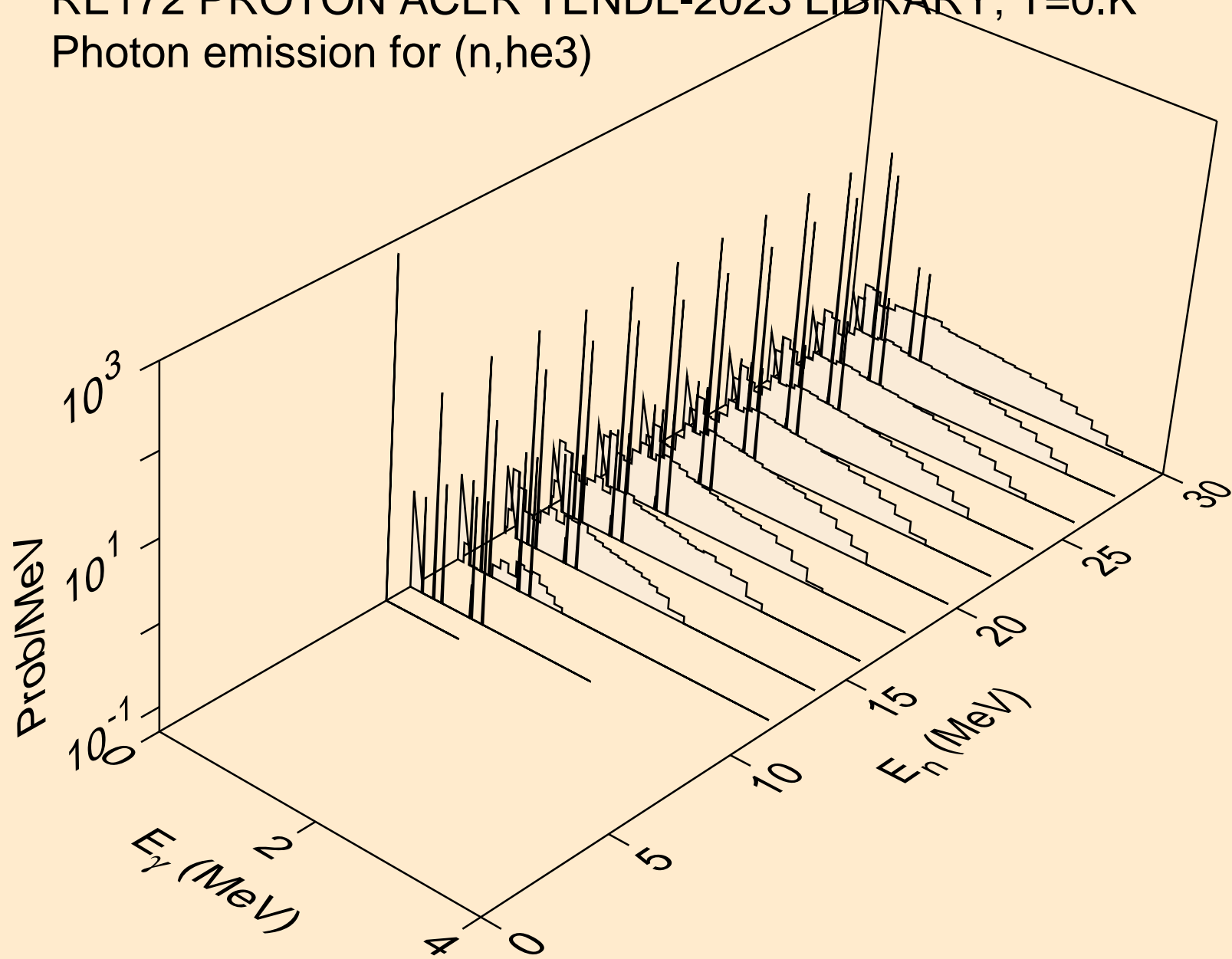
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

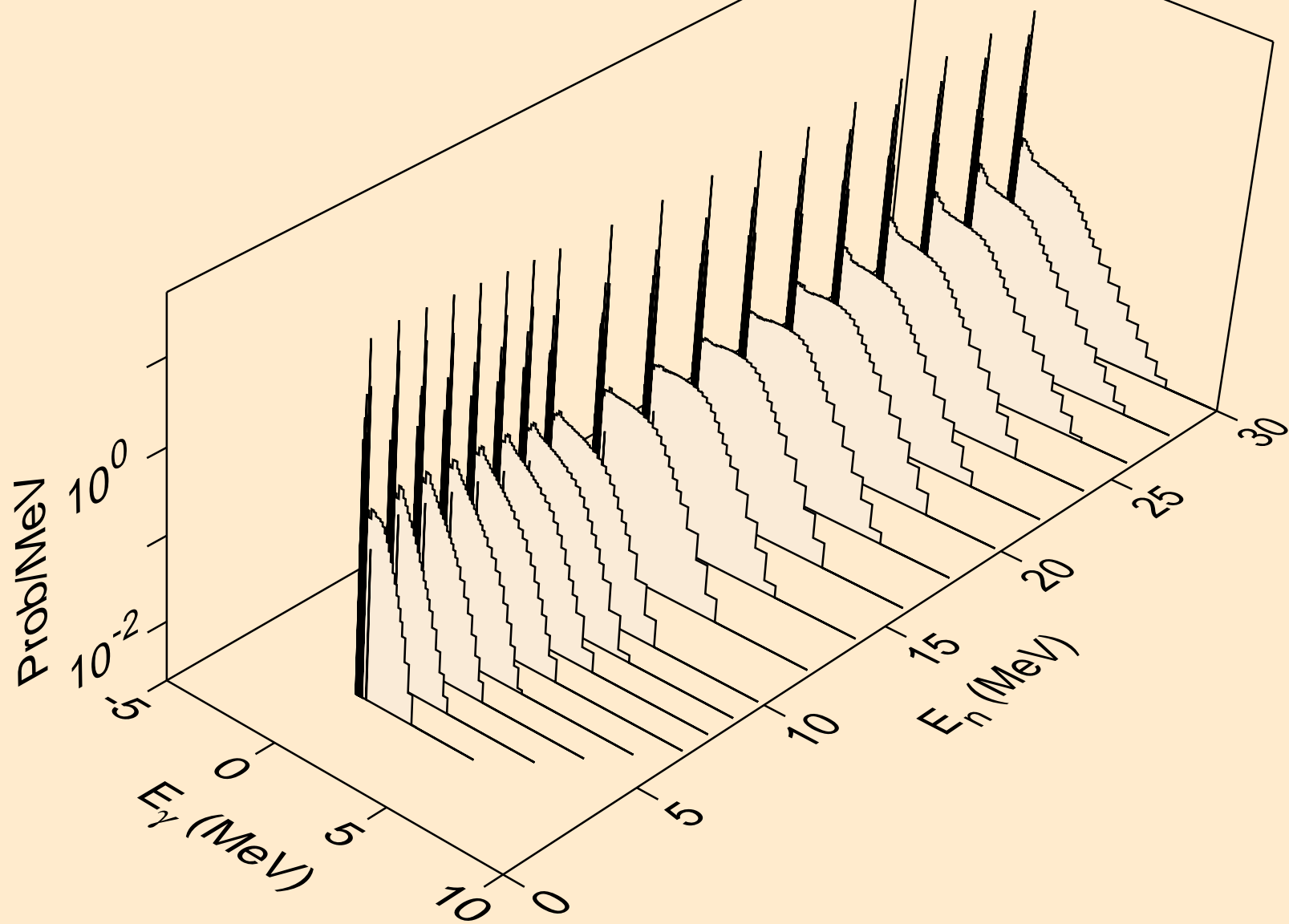


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Photon emission for (n,he3)

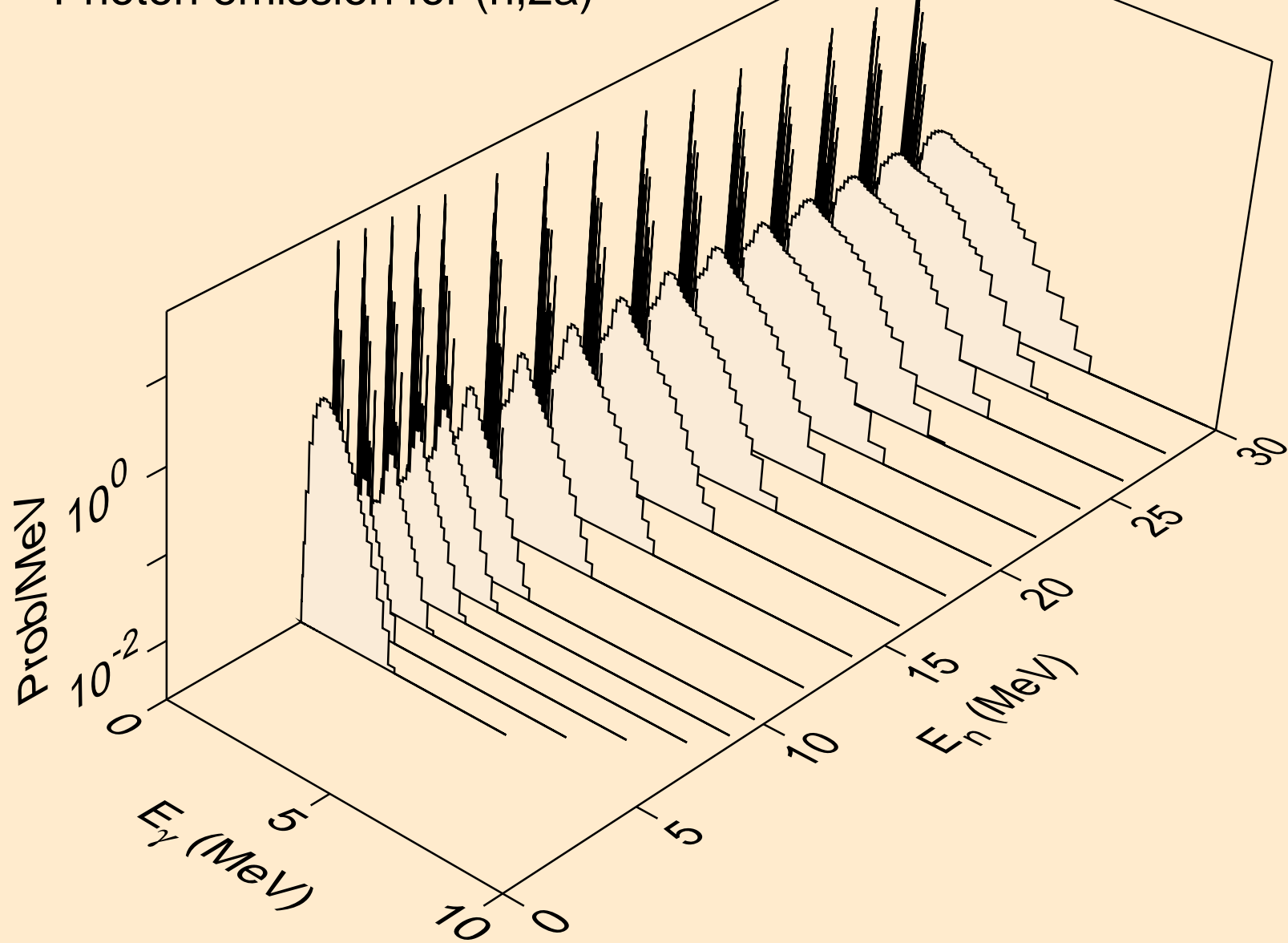




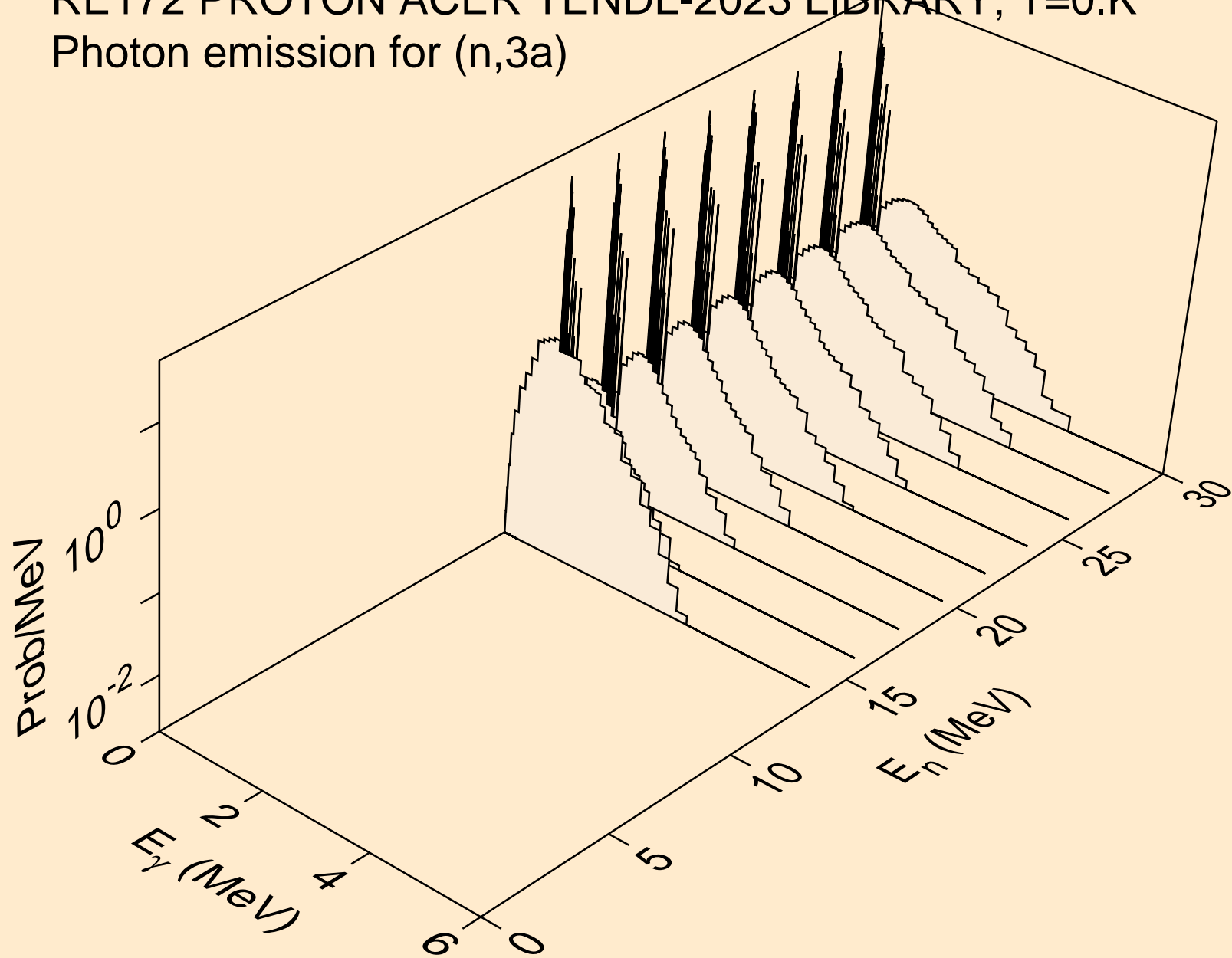
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Photon emission for (n,a)



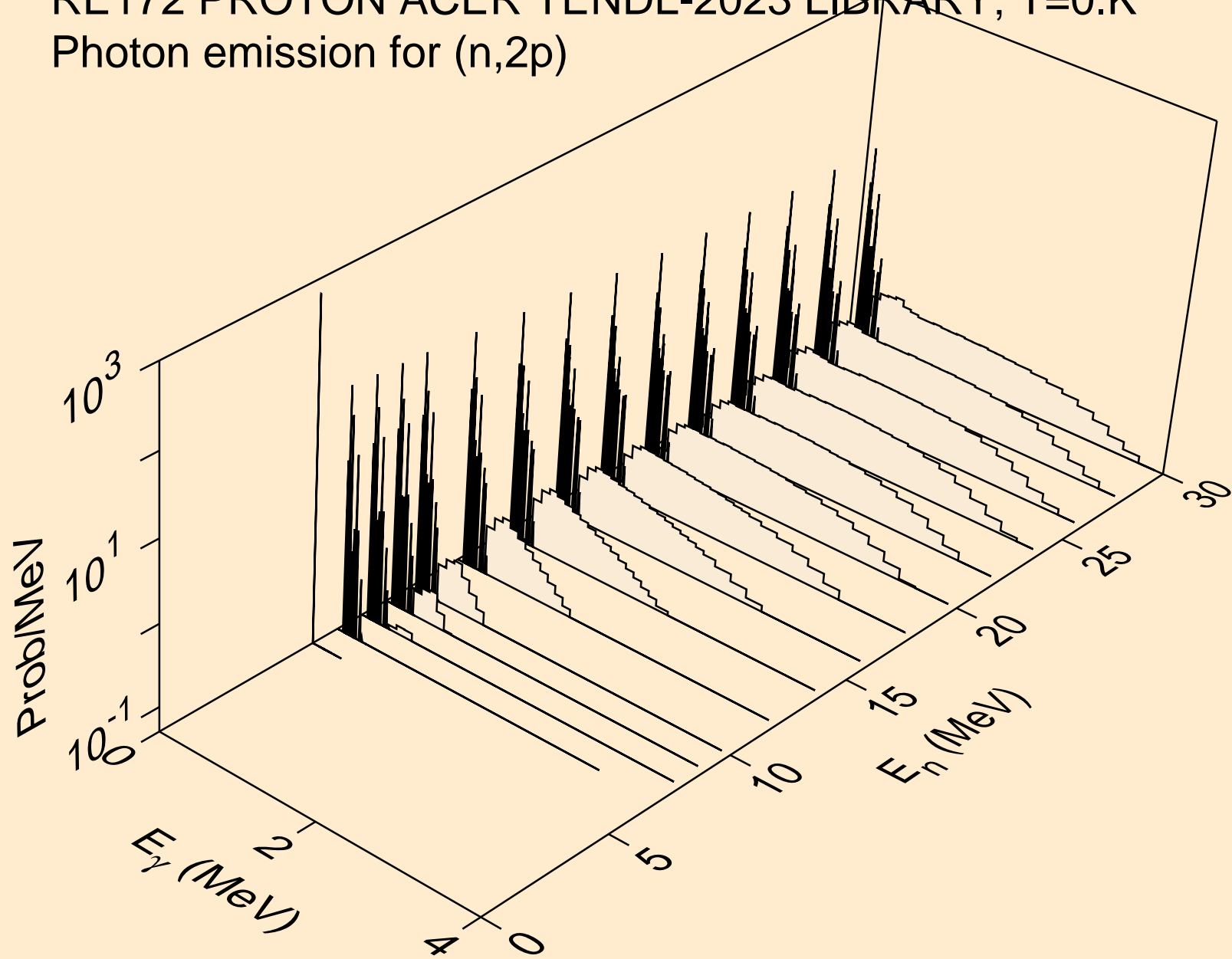
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



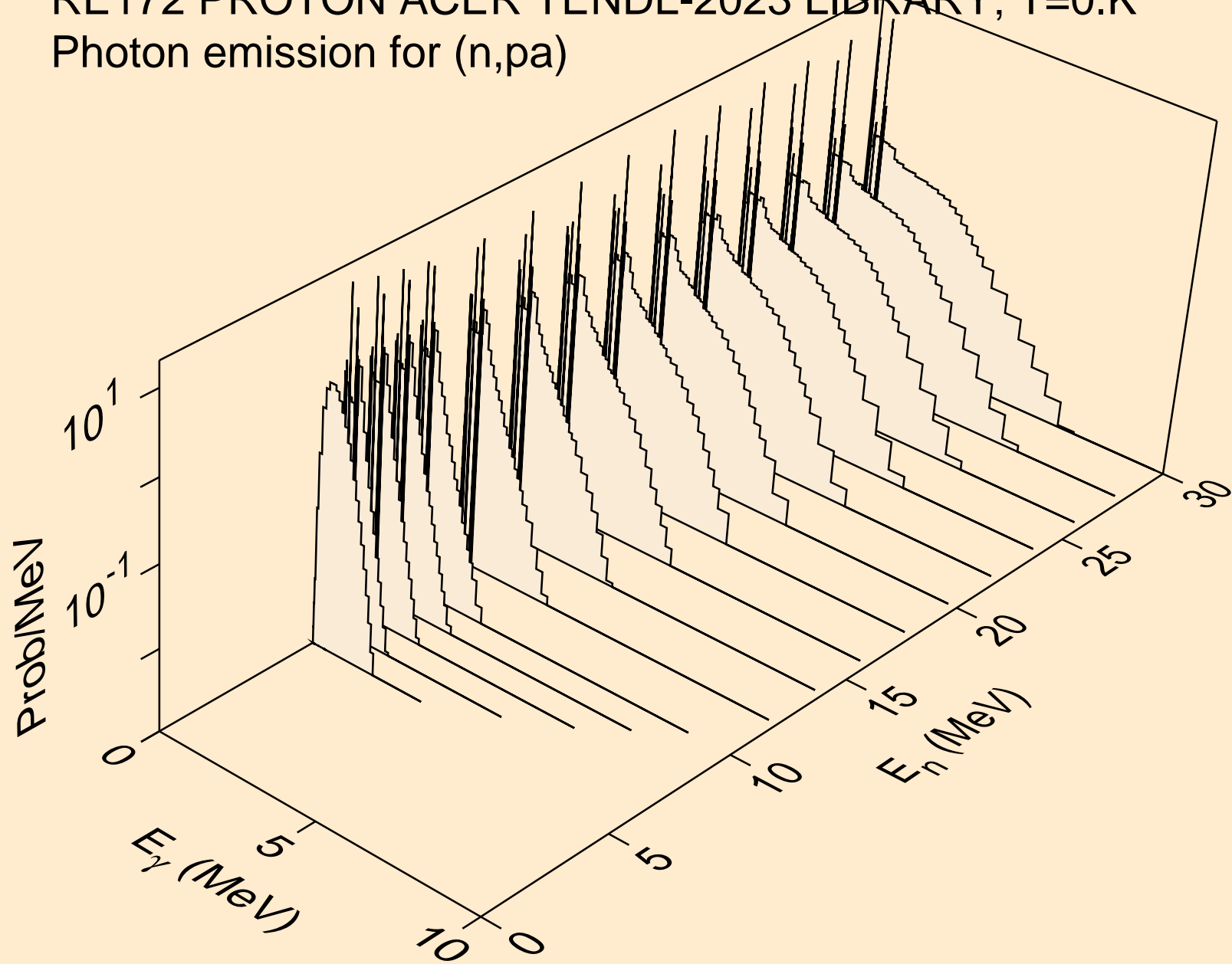
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Photon emission for (n,3a)



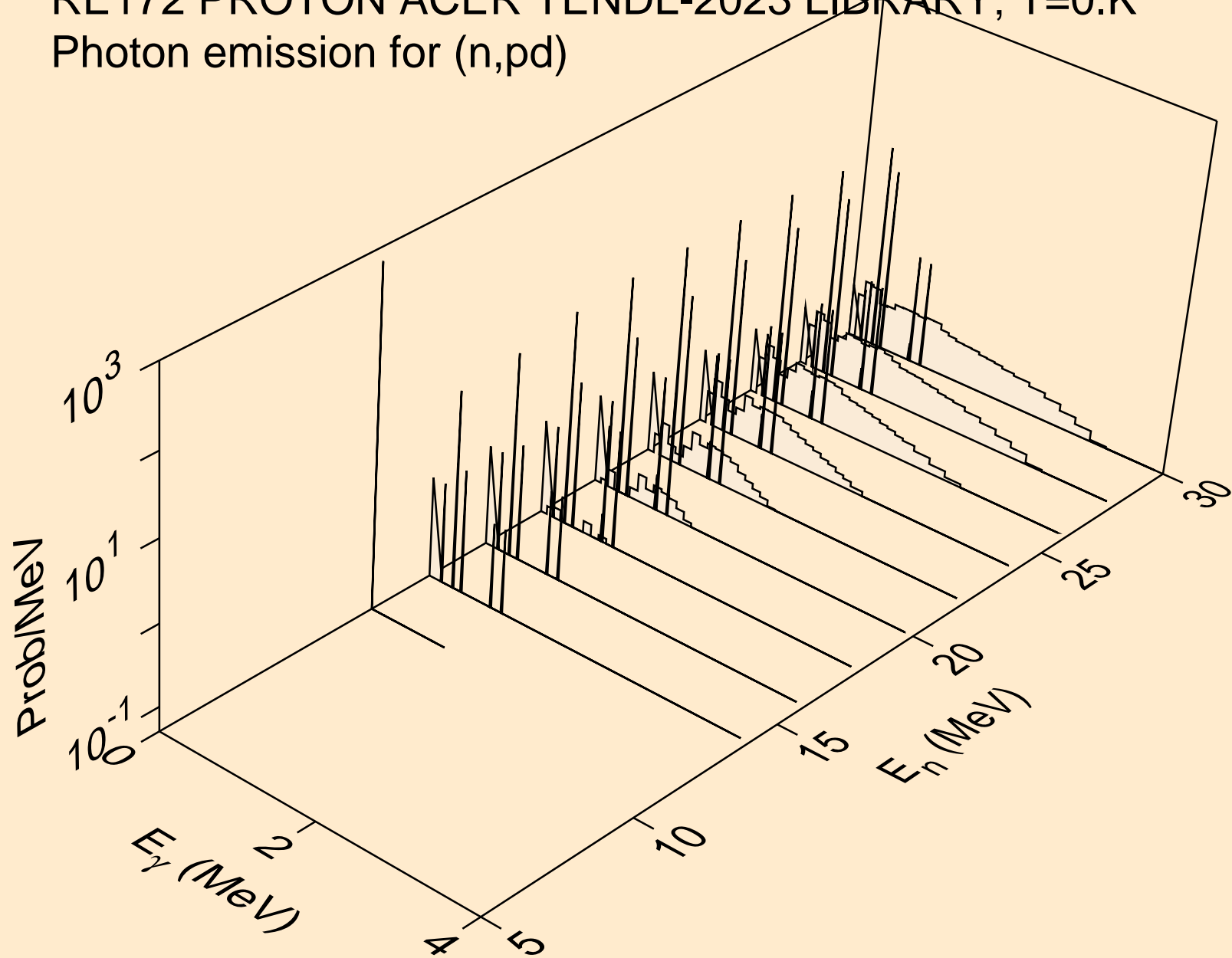
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Photon emission for (n,2p)



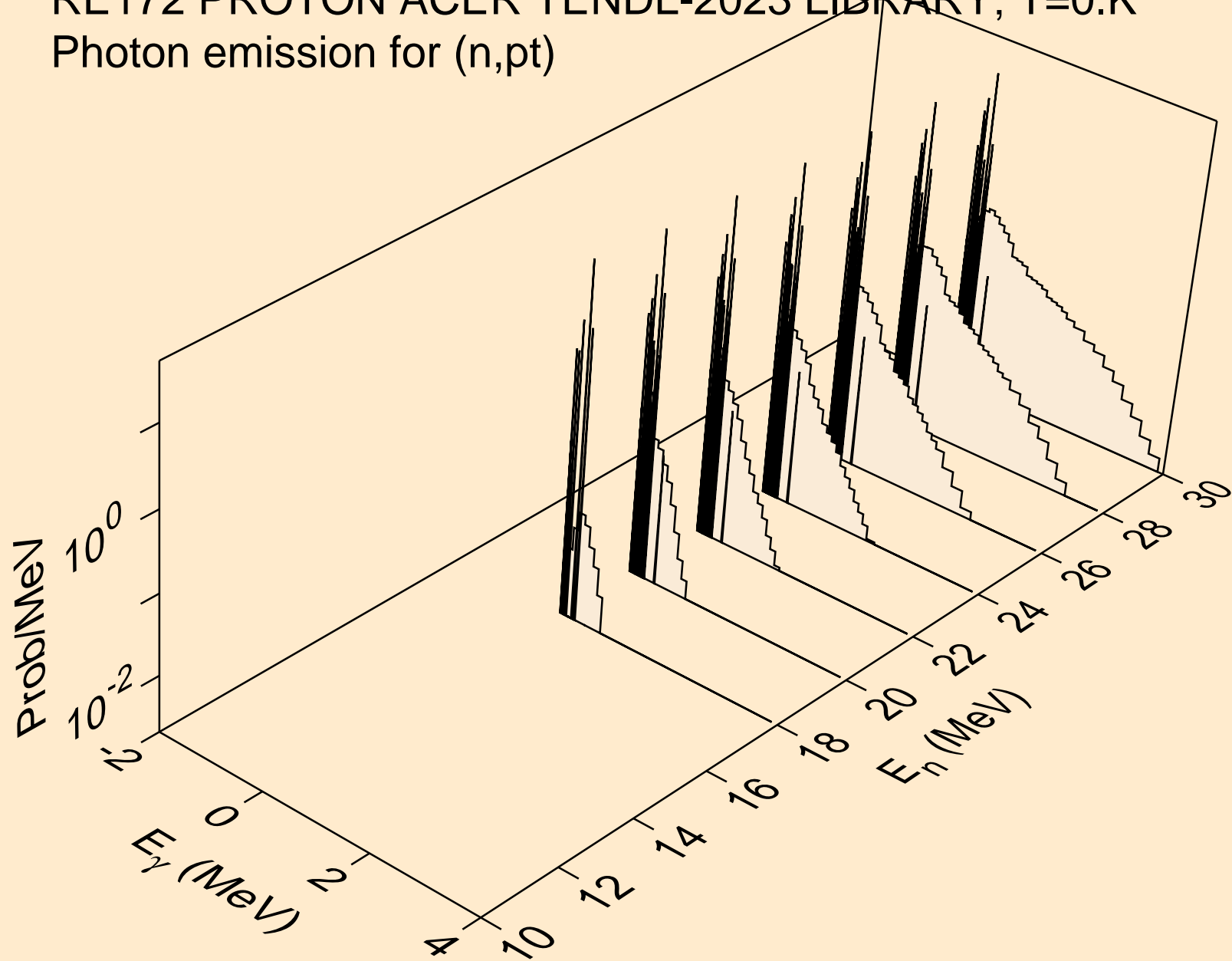
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Photon emission for (n,pa)



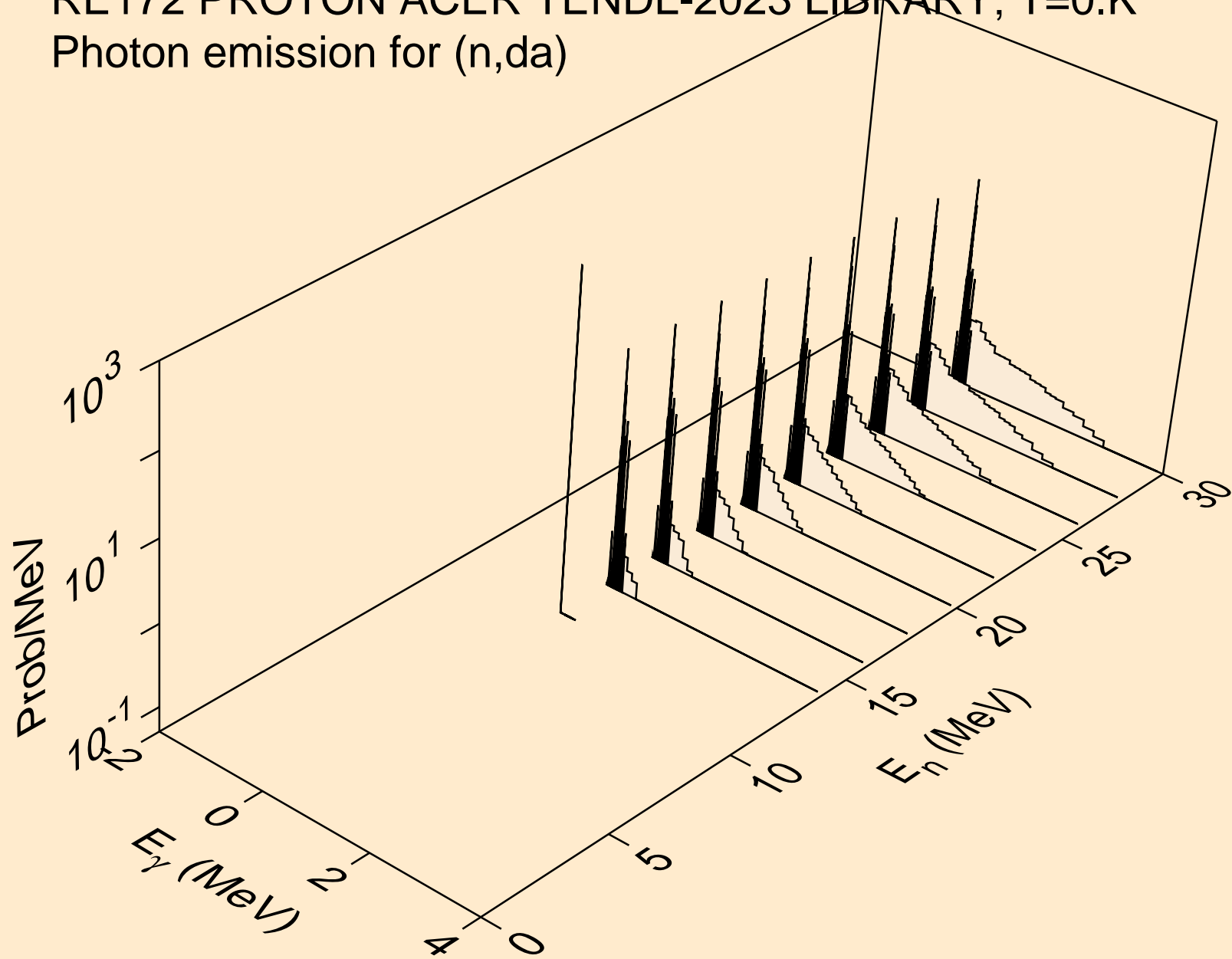
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

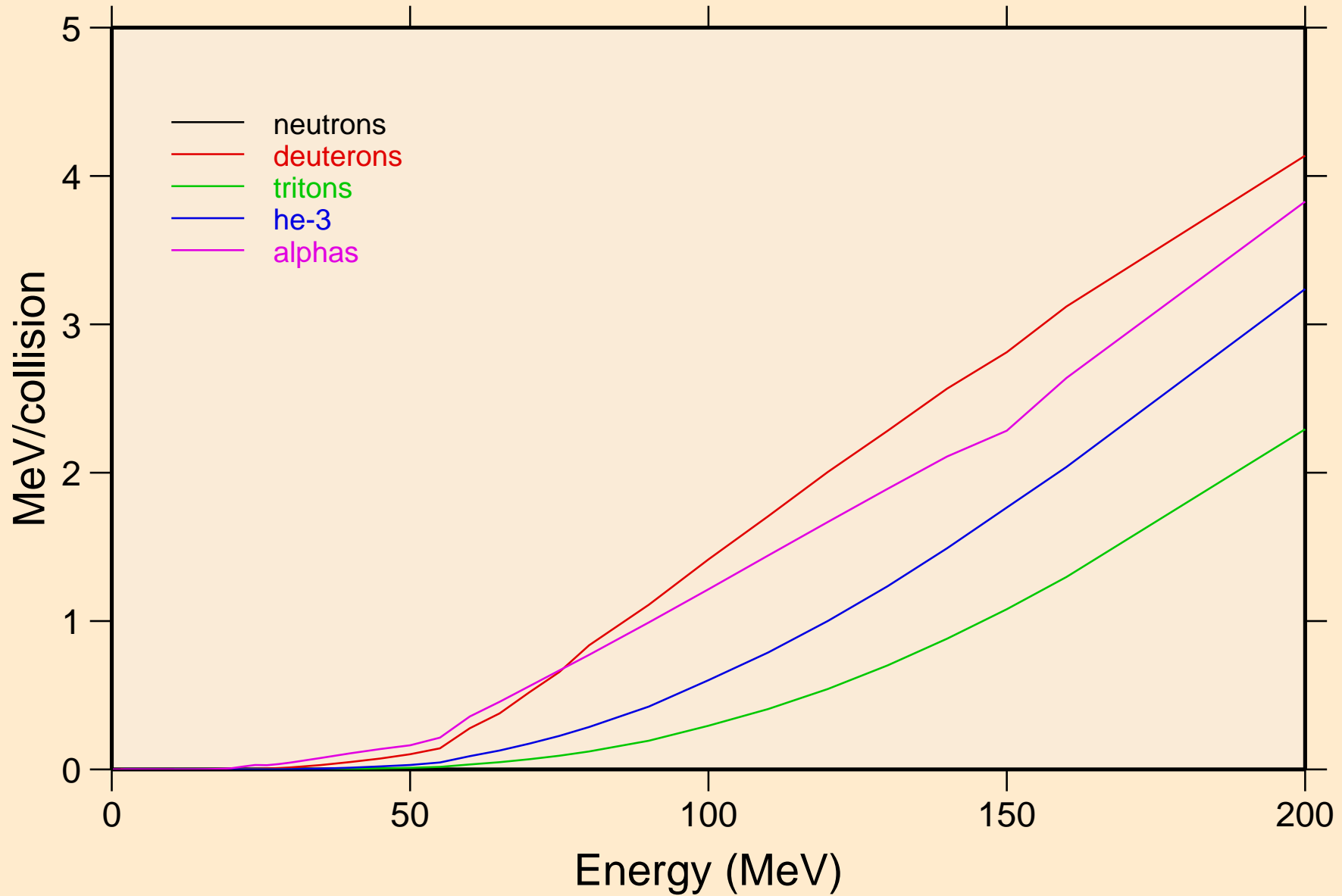


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Photon emission for (n,da)



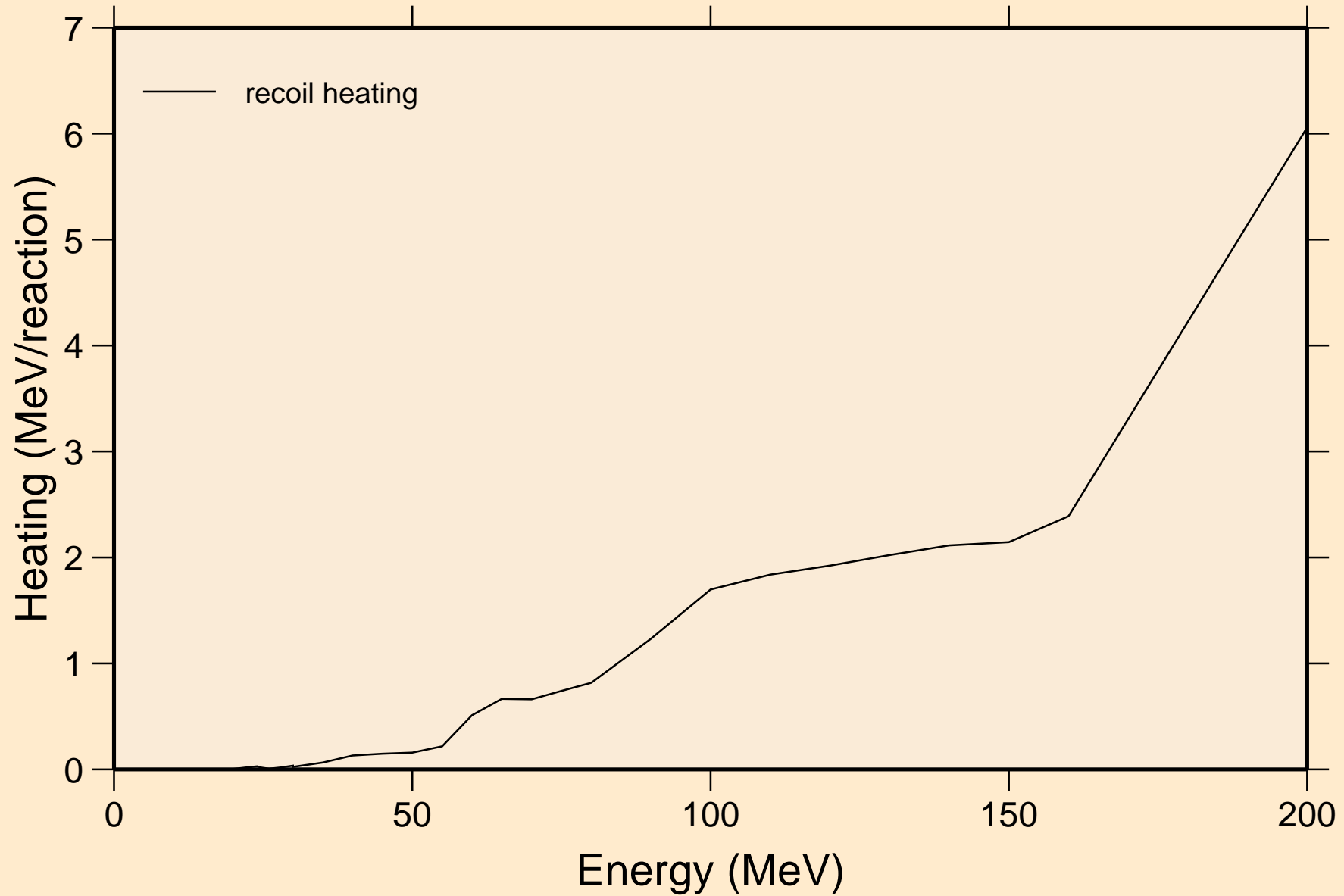


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

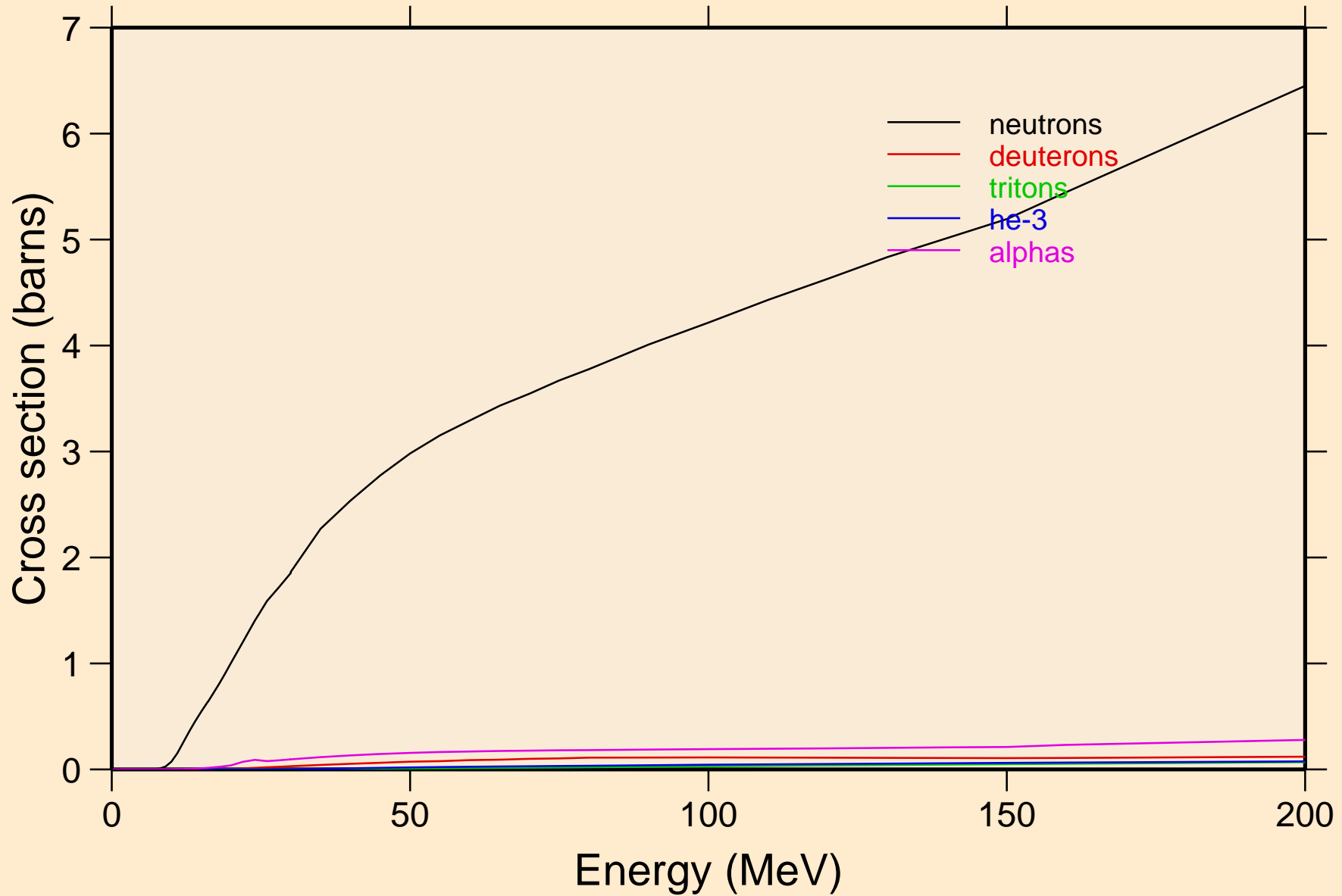


# RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

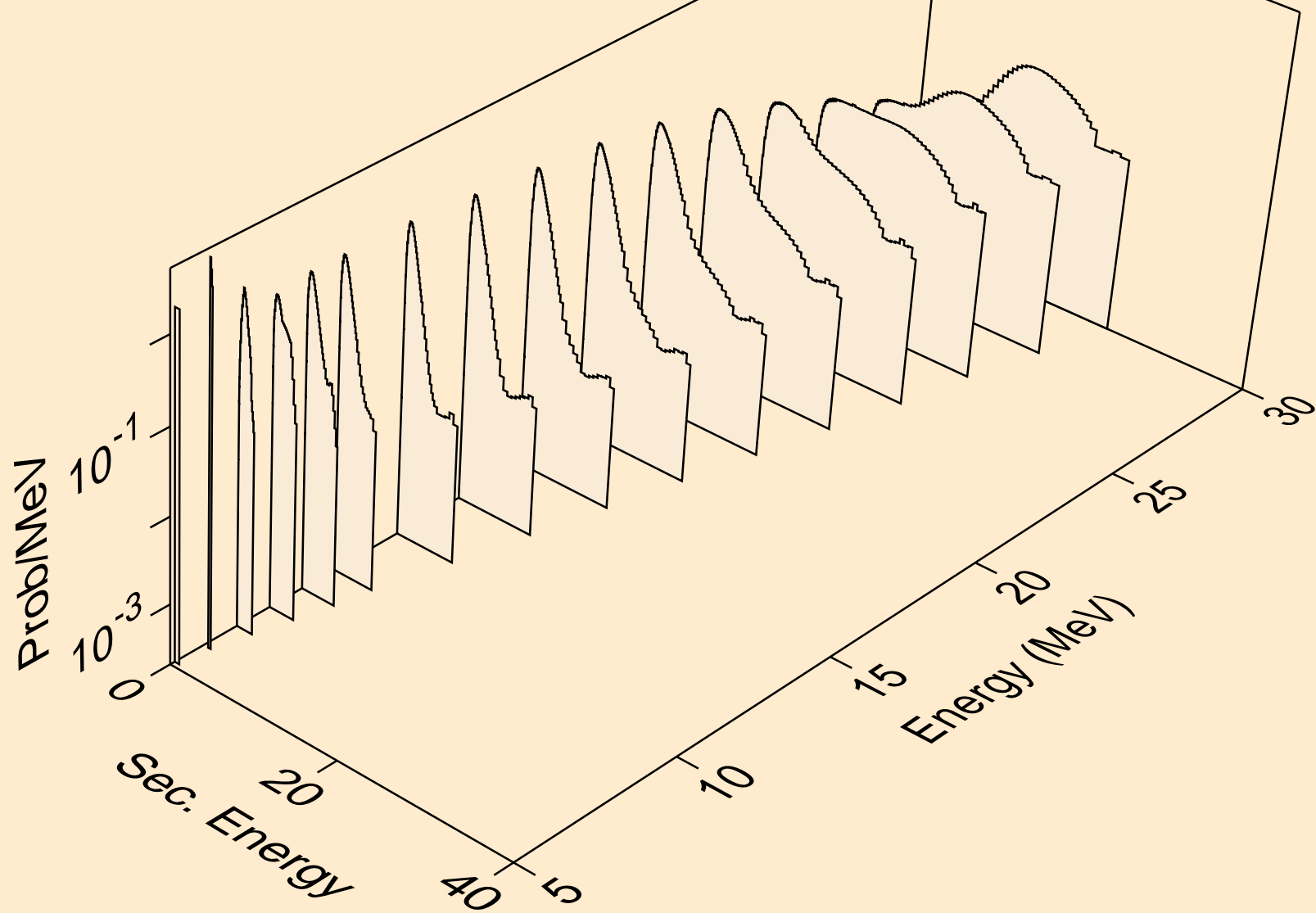
## Recoil Heating



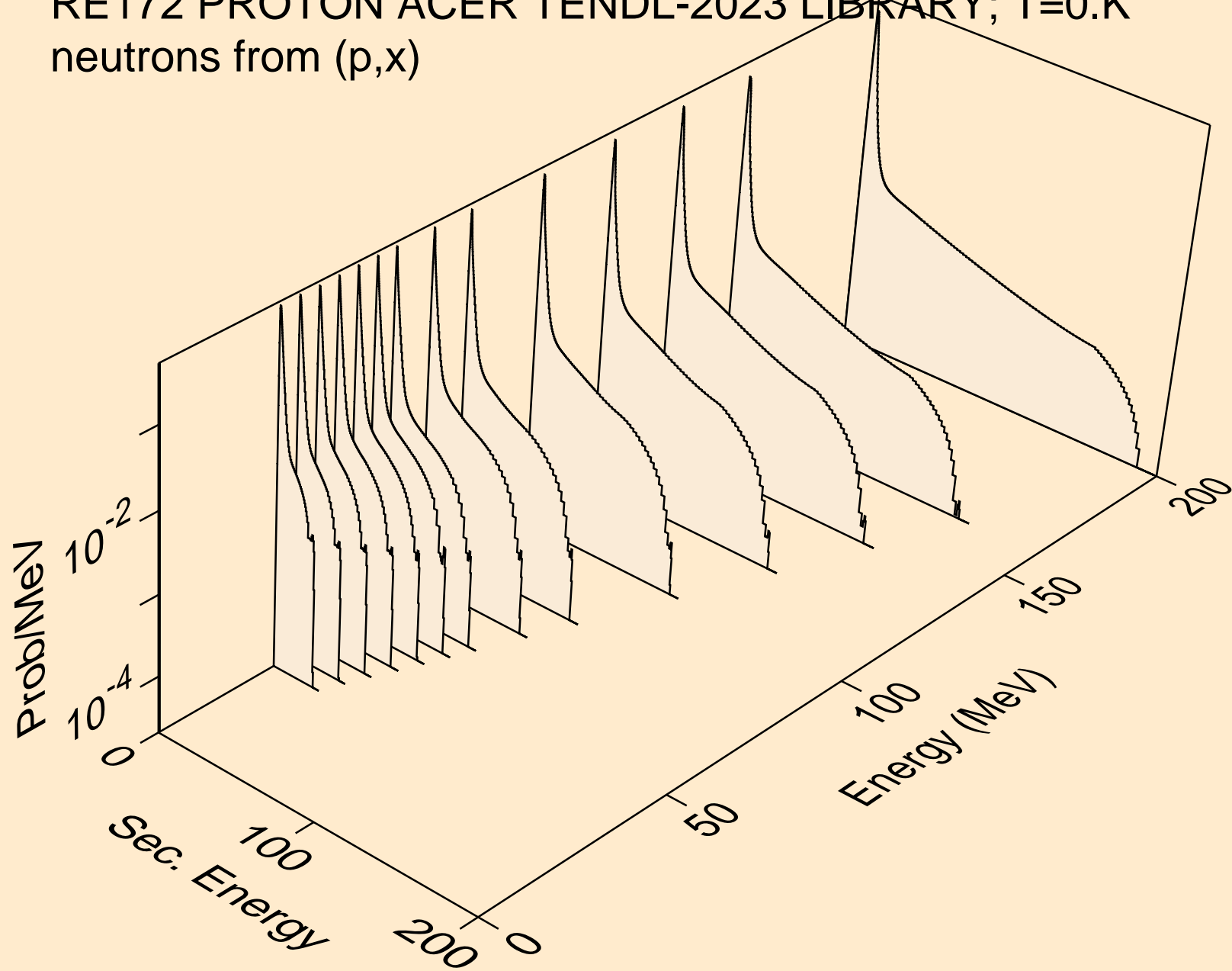
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



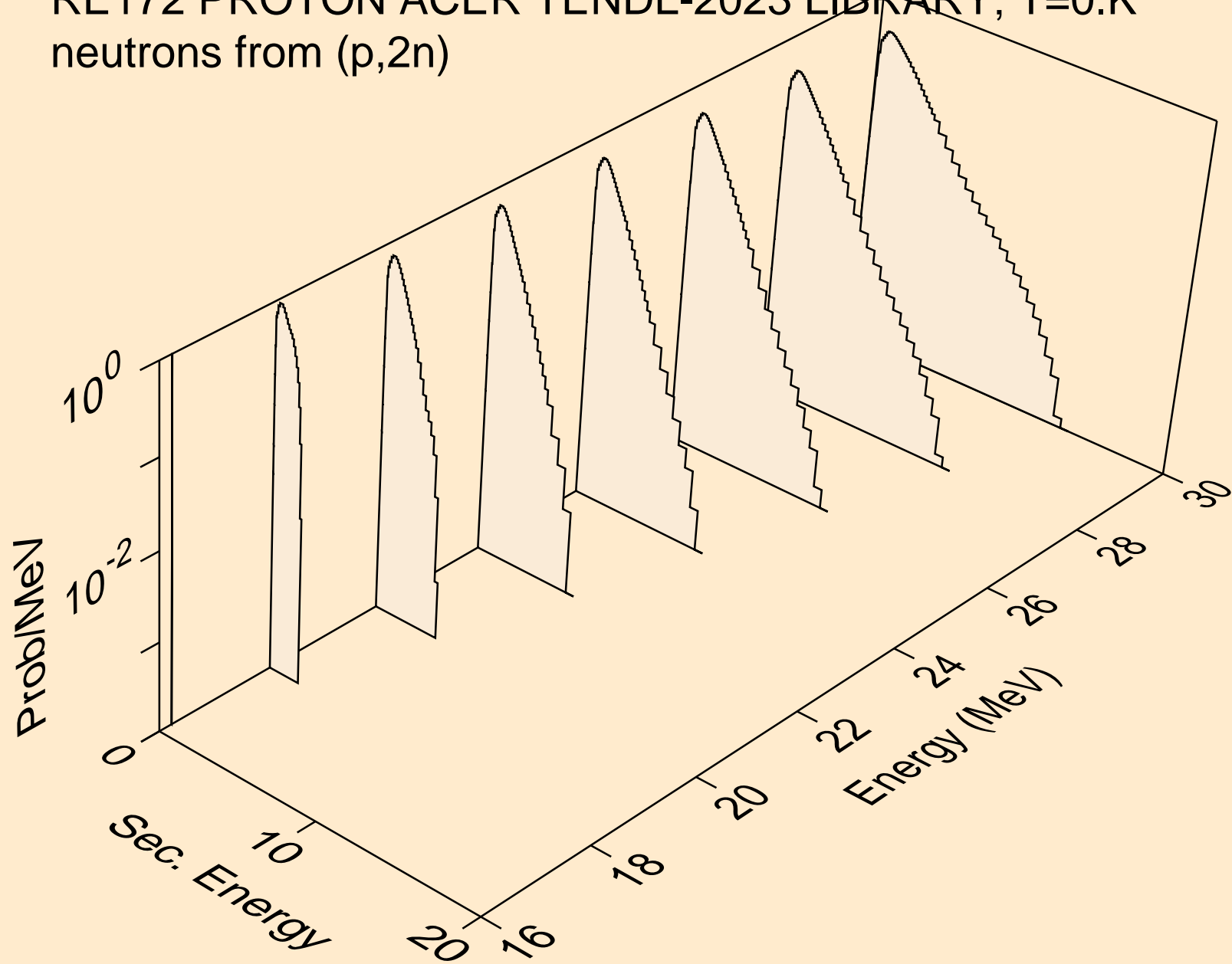
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



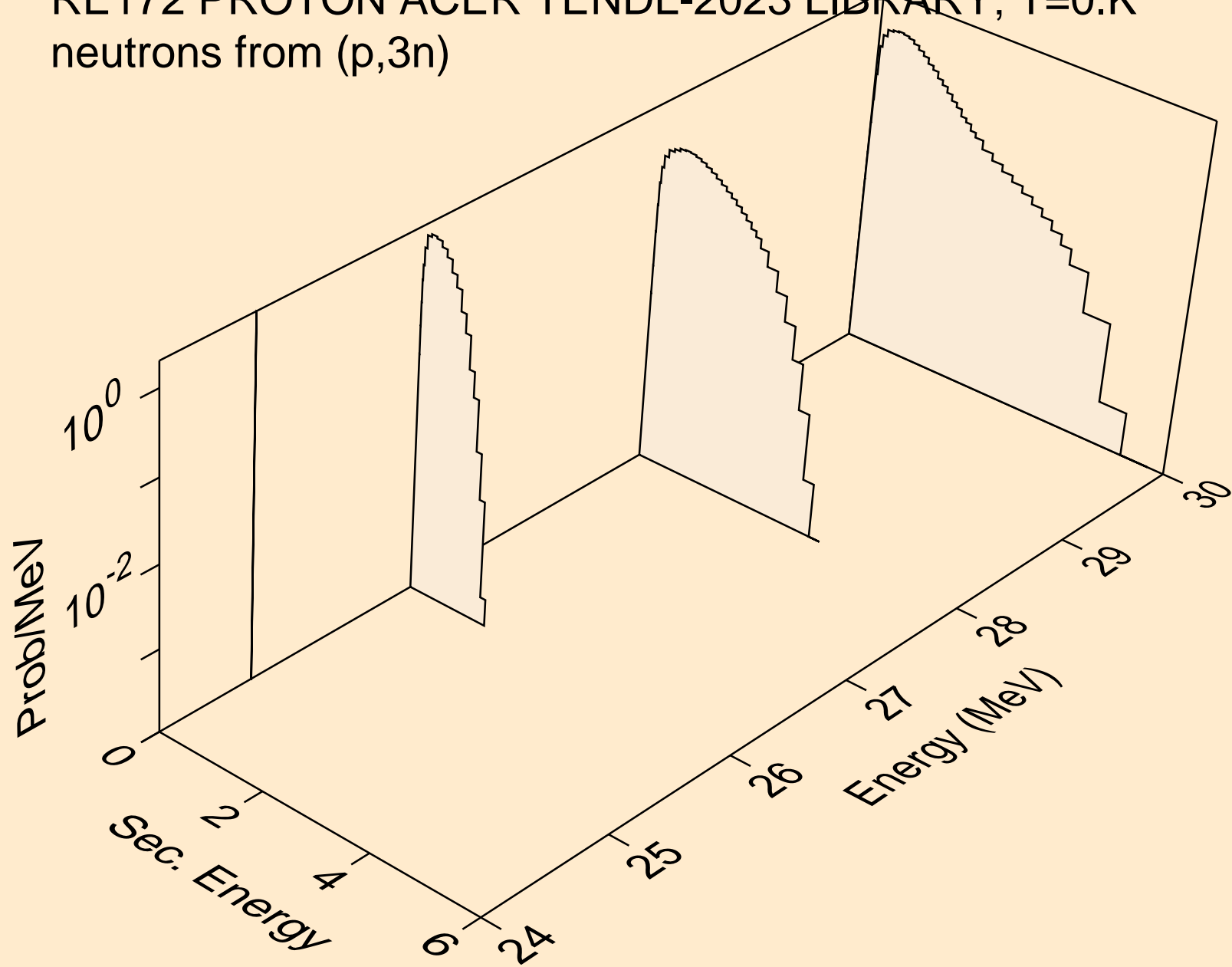
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



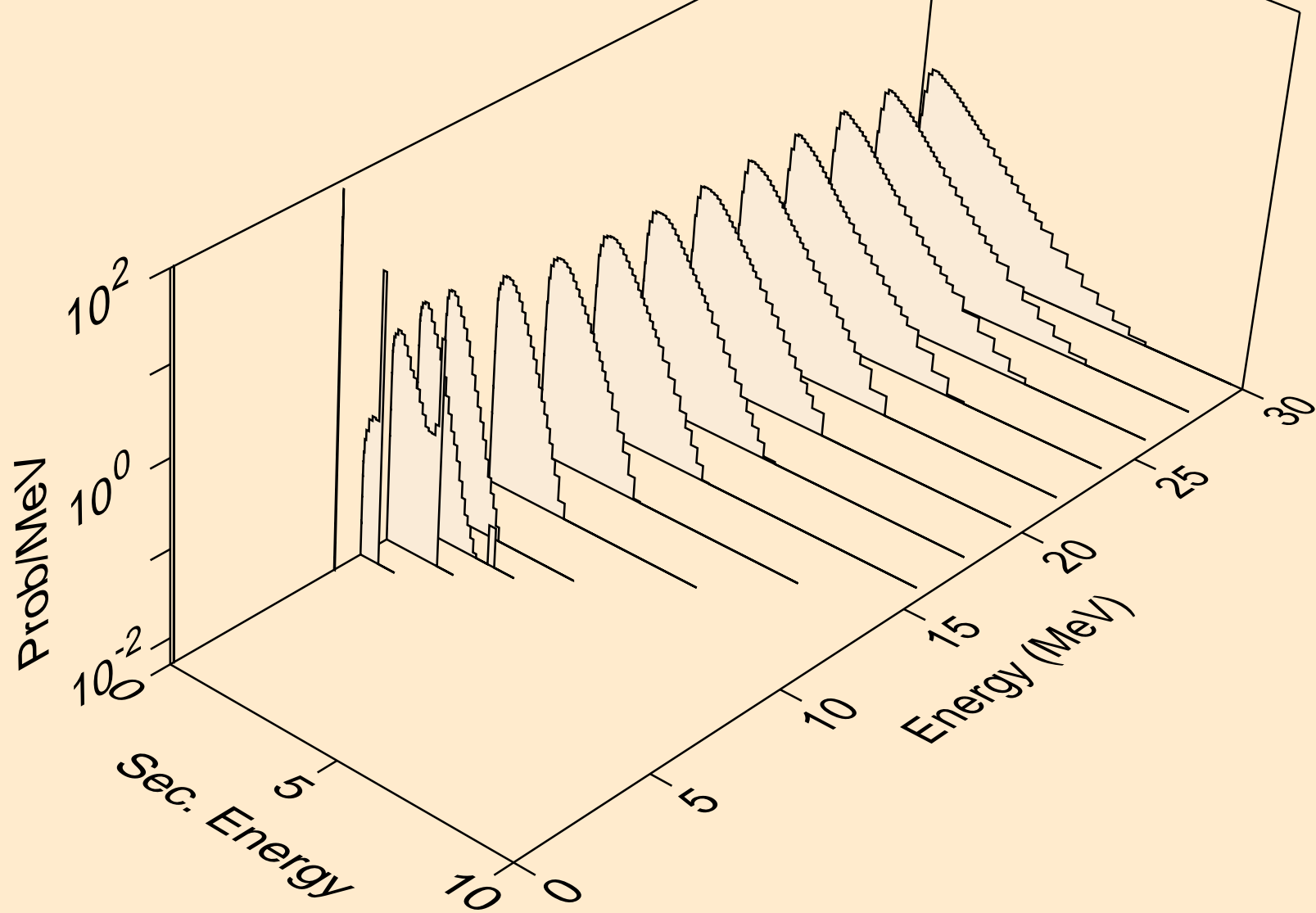
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

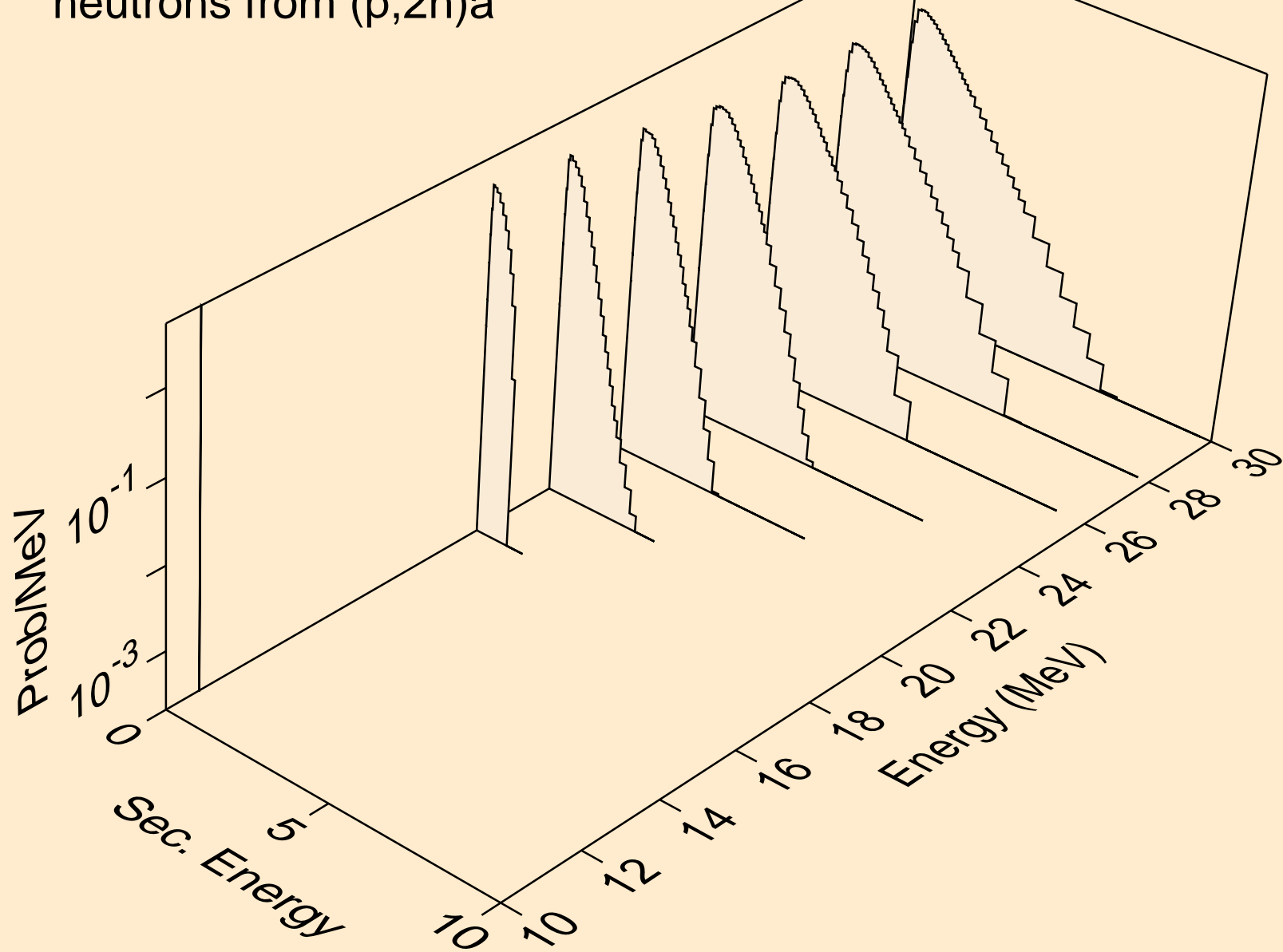


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

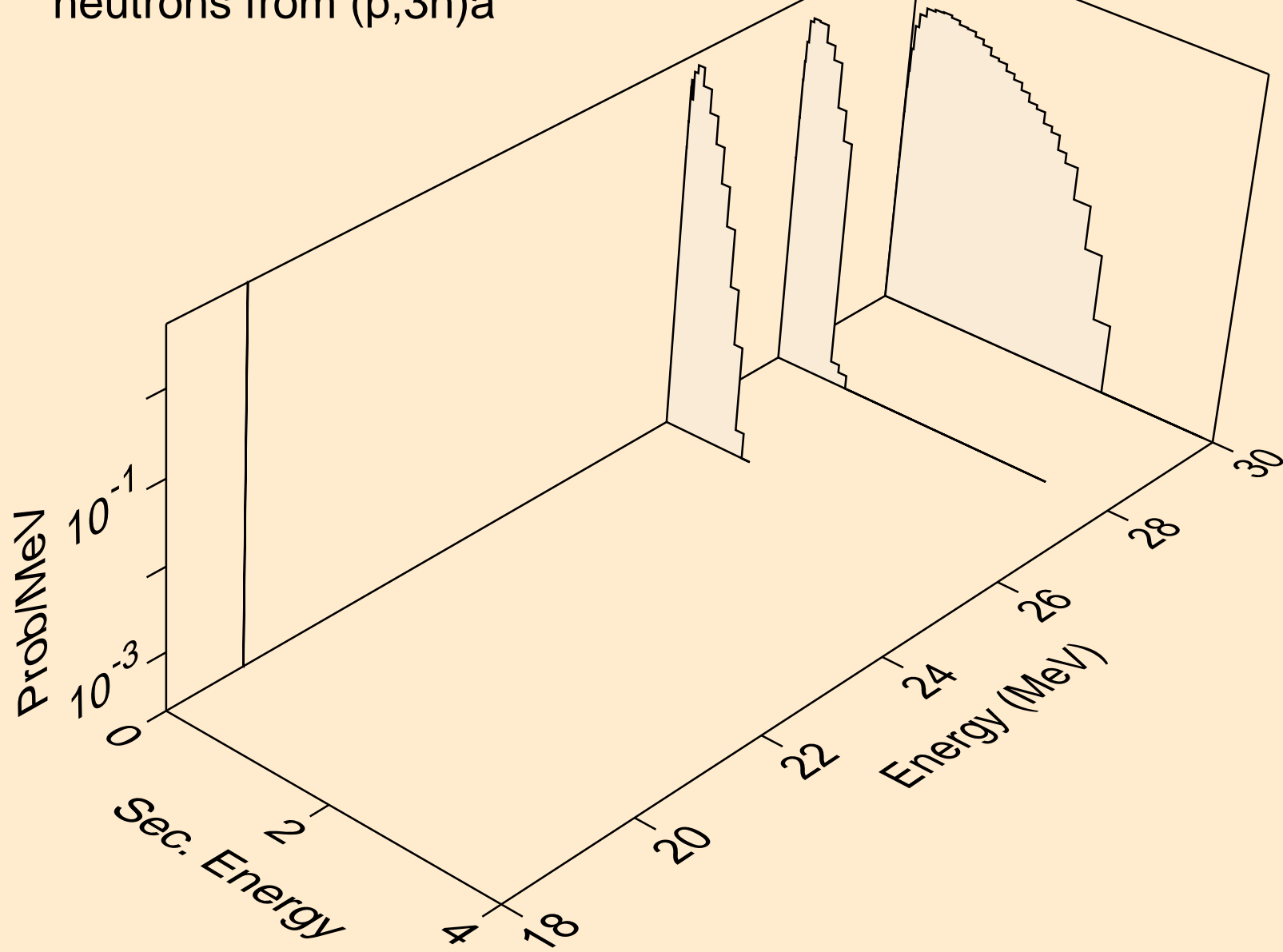




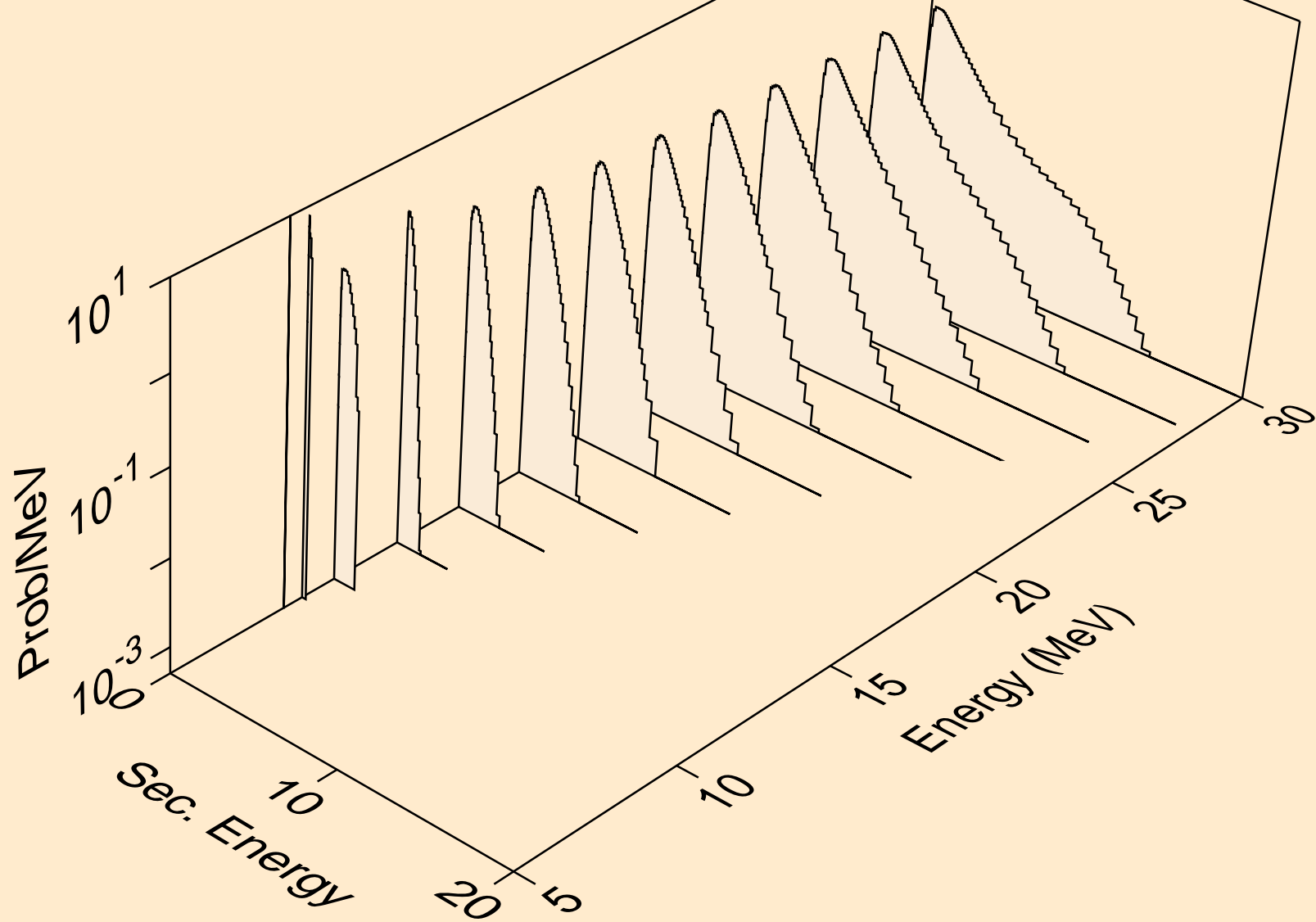
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neutrons from (p,2n)a



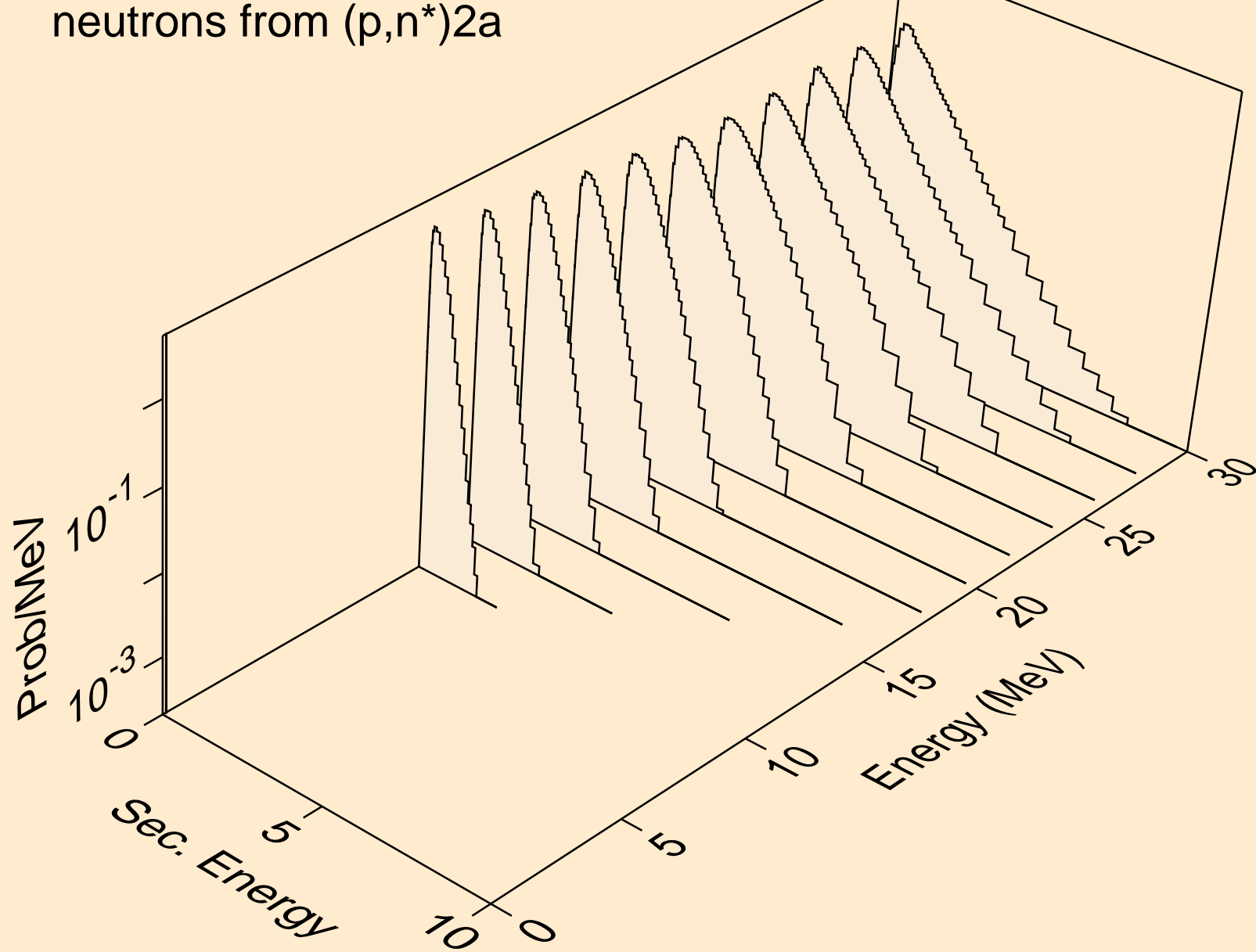
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neutrons from (p,3n)a



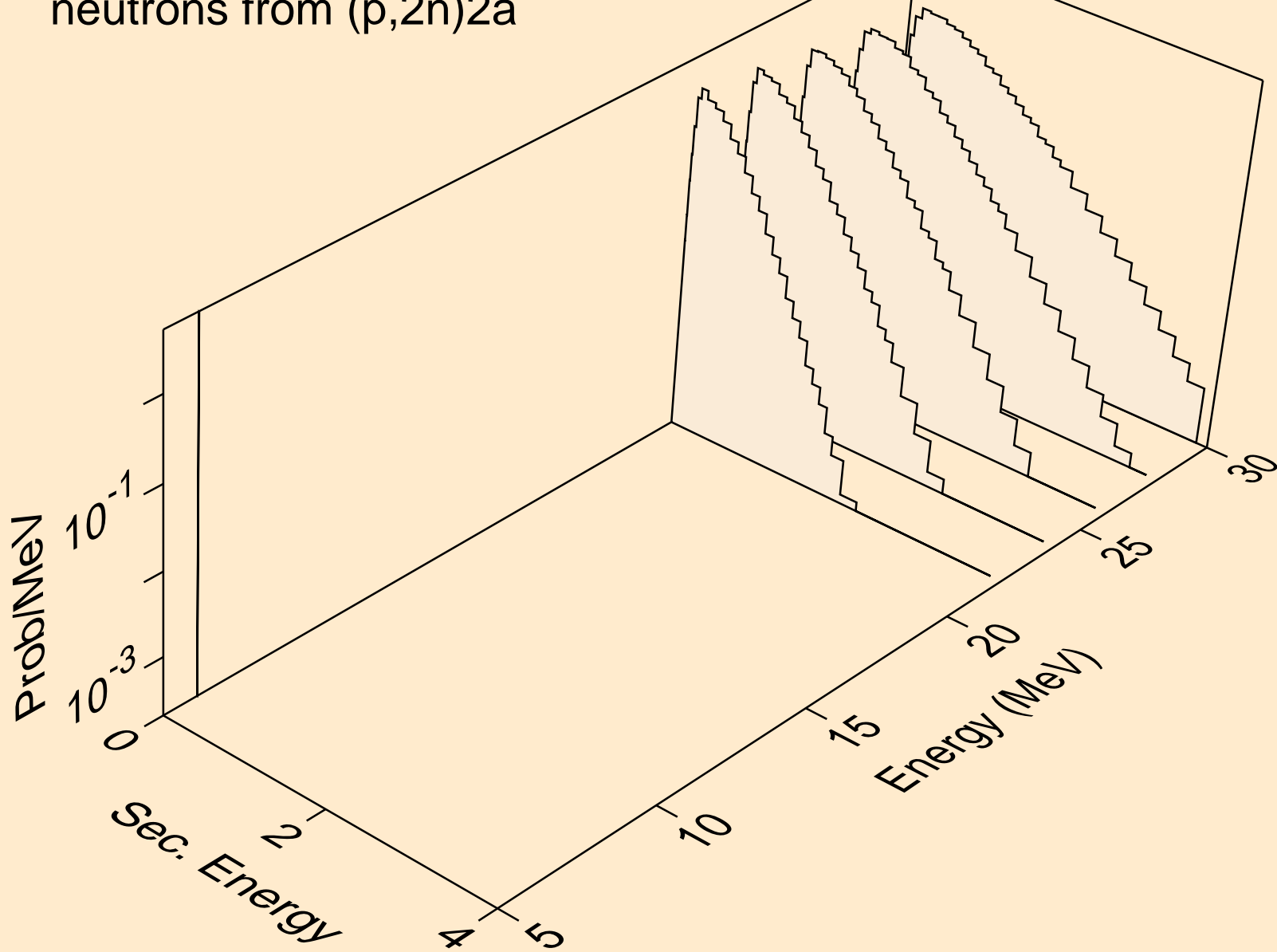
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neutrons from (p,n\*)p



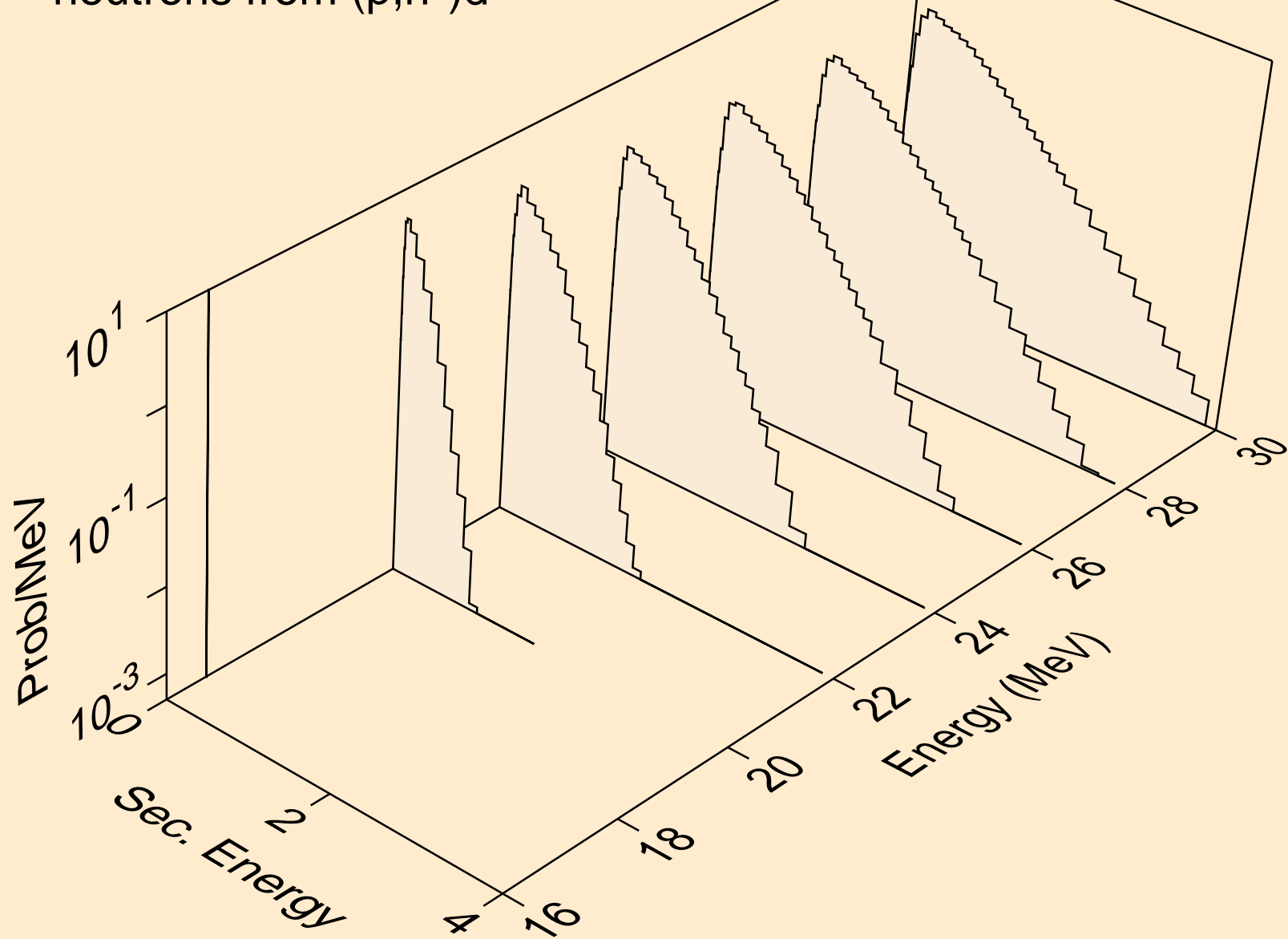
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neutrons from (p,n\*)2a



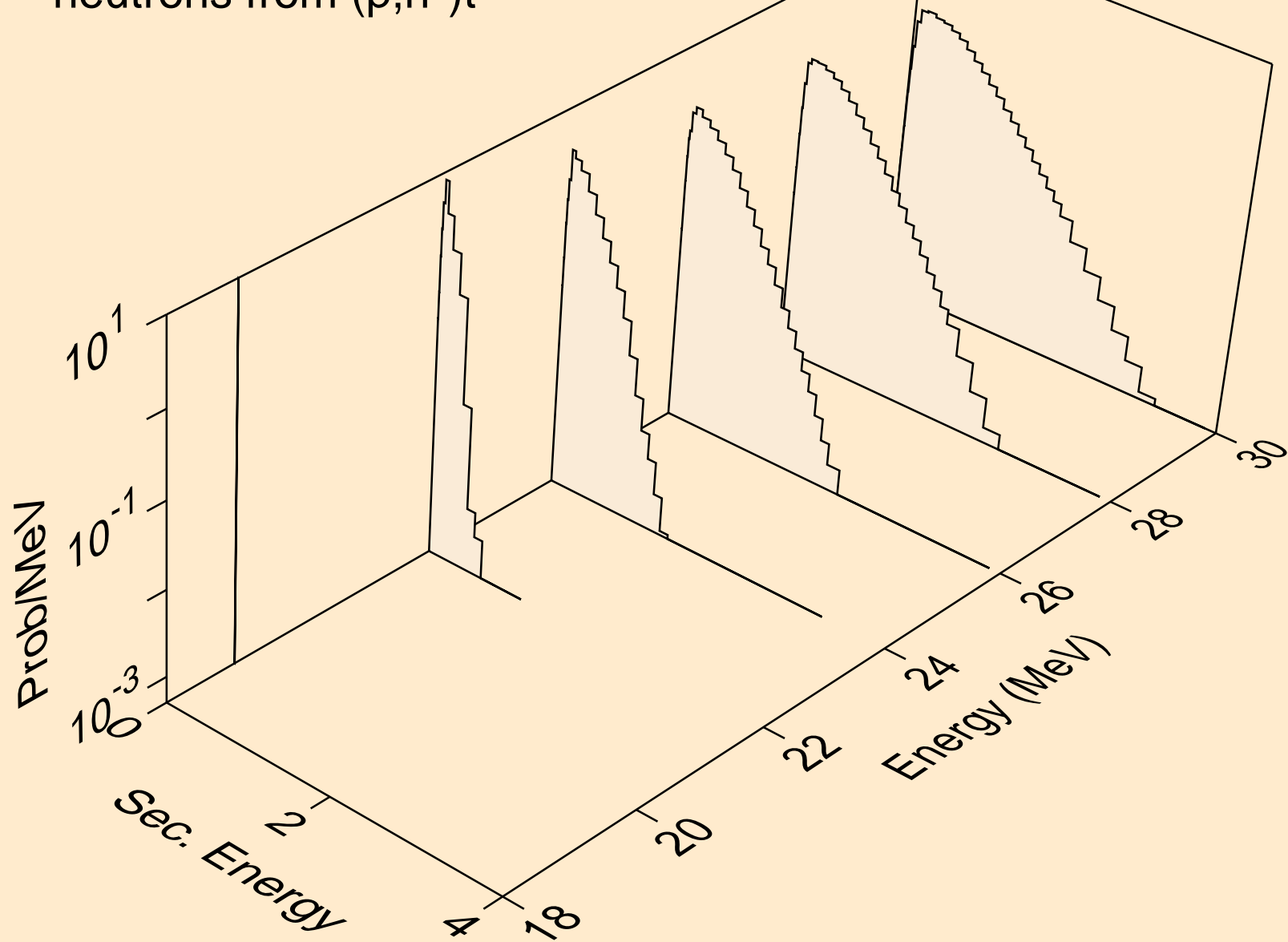
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neutrons from (p,2n)2a



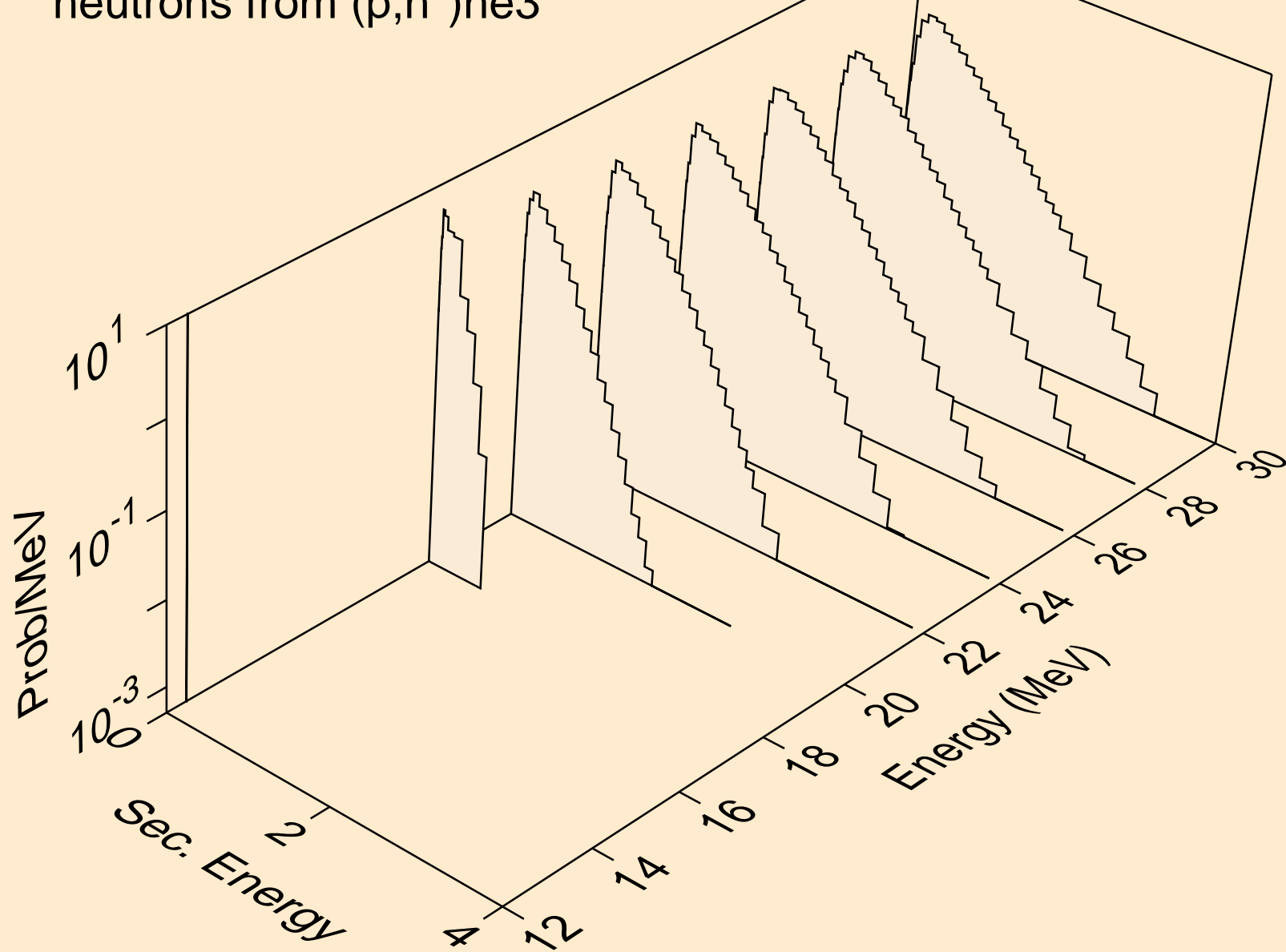
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neutrons from (p,n\*)d



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

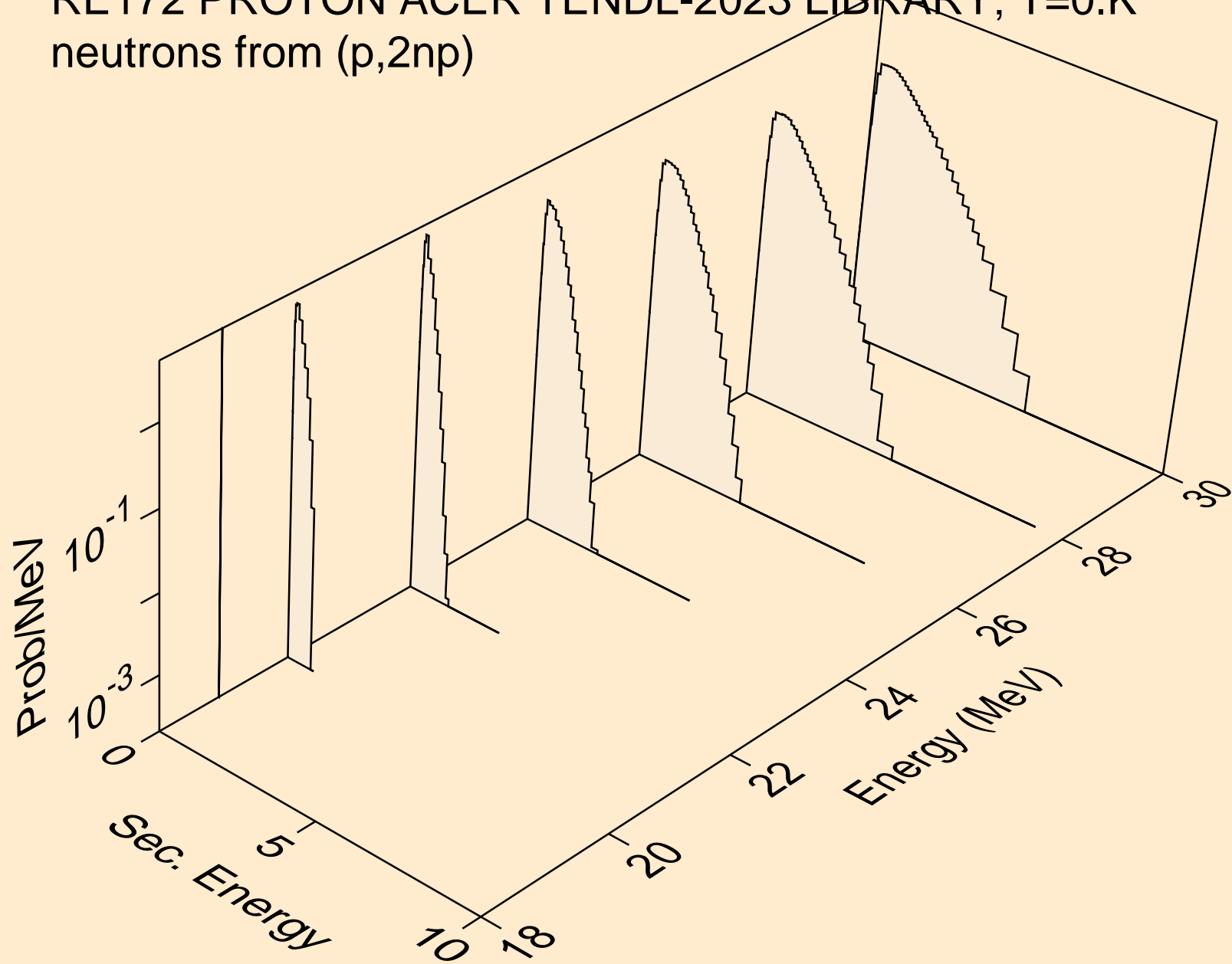


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

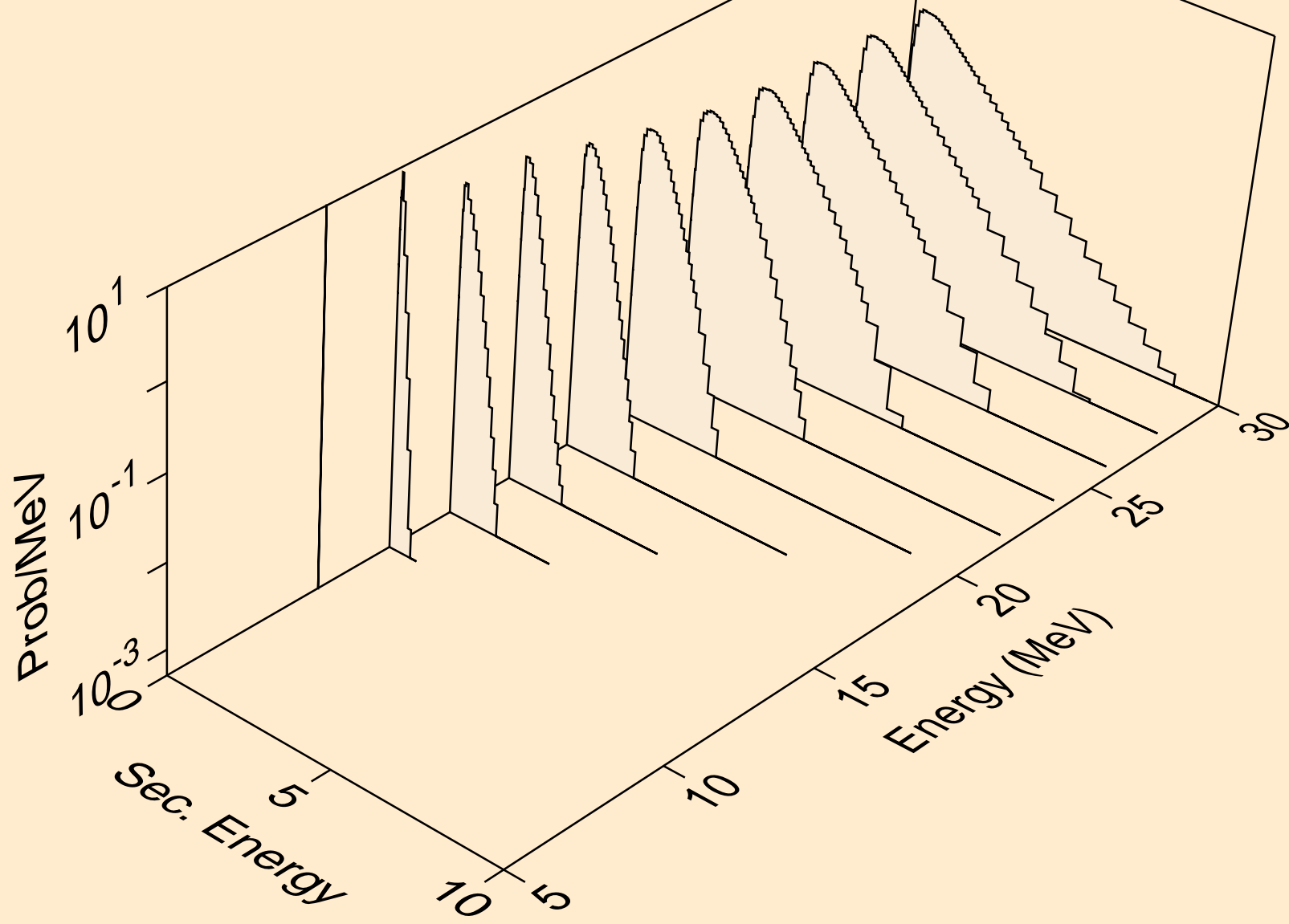




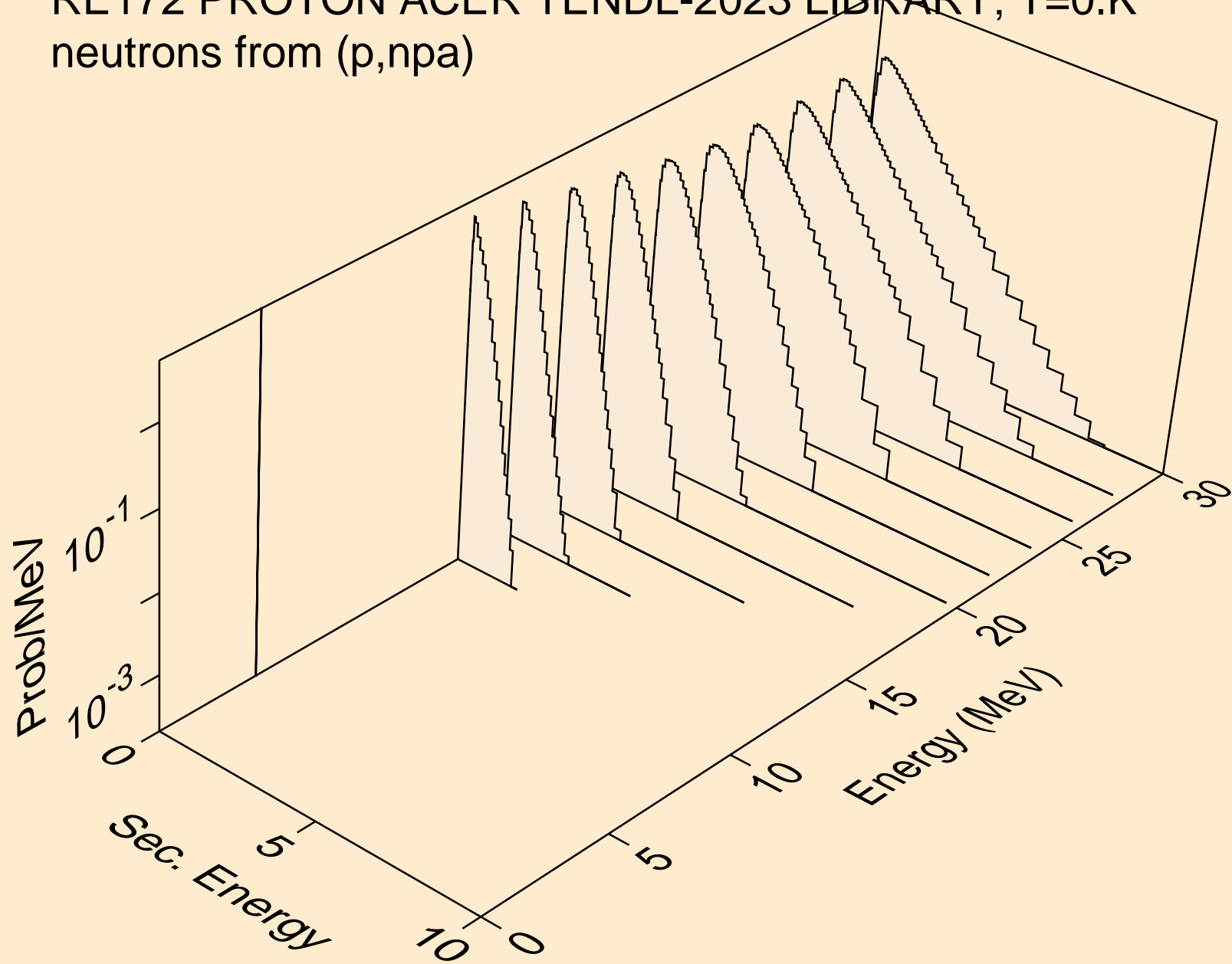
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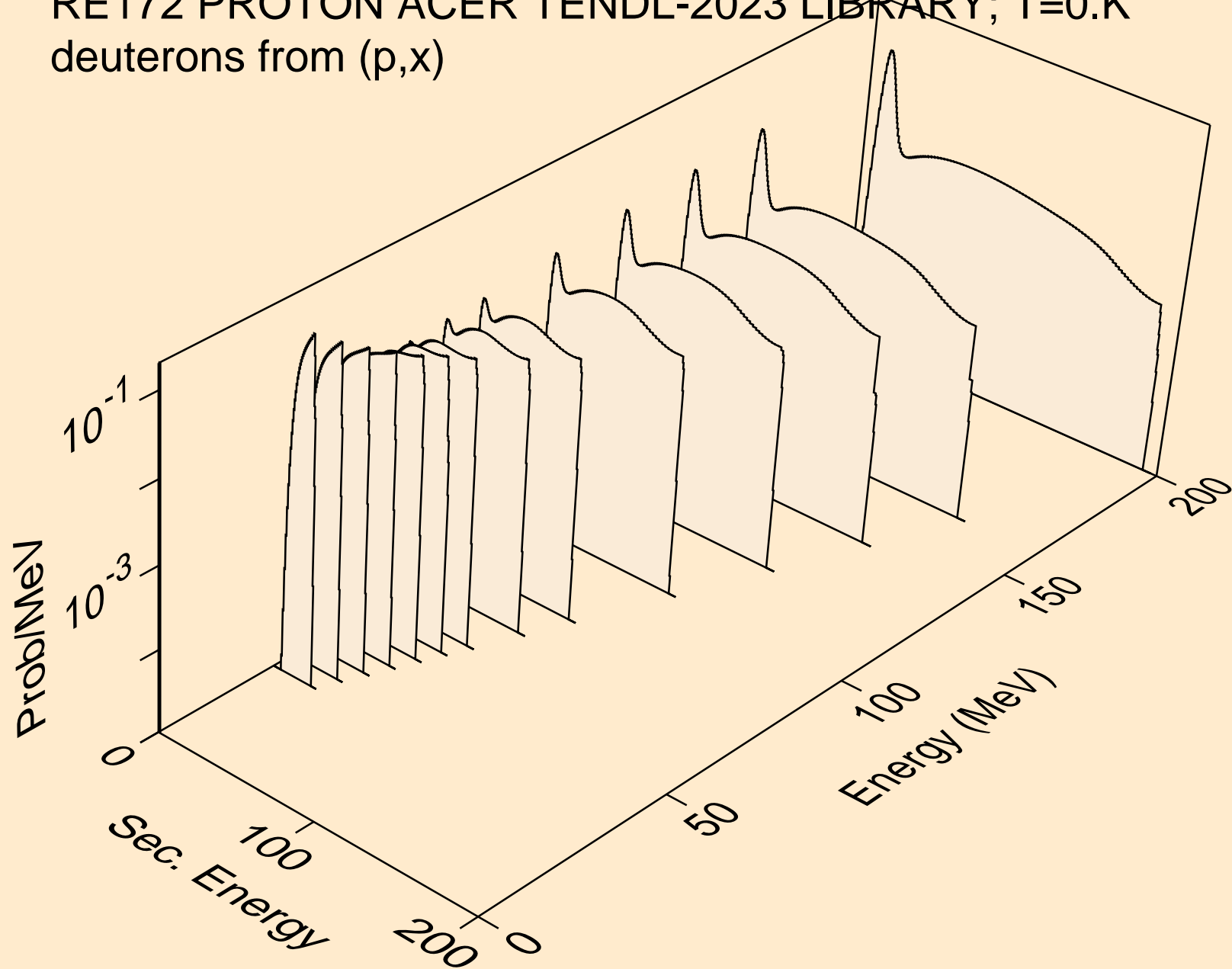
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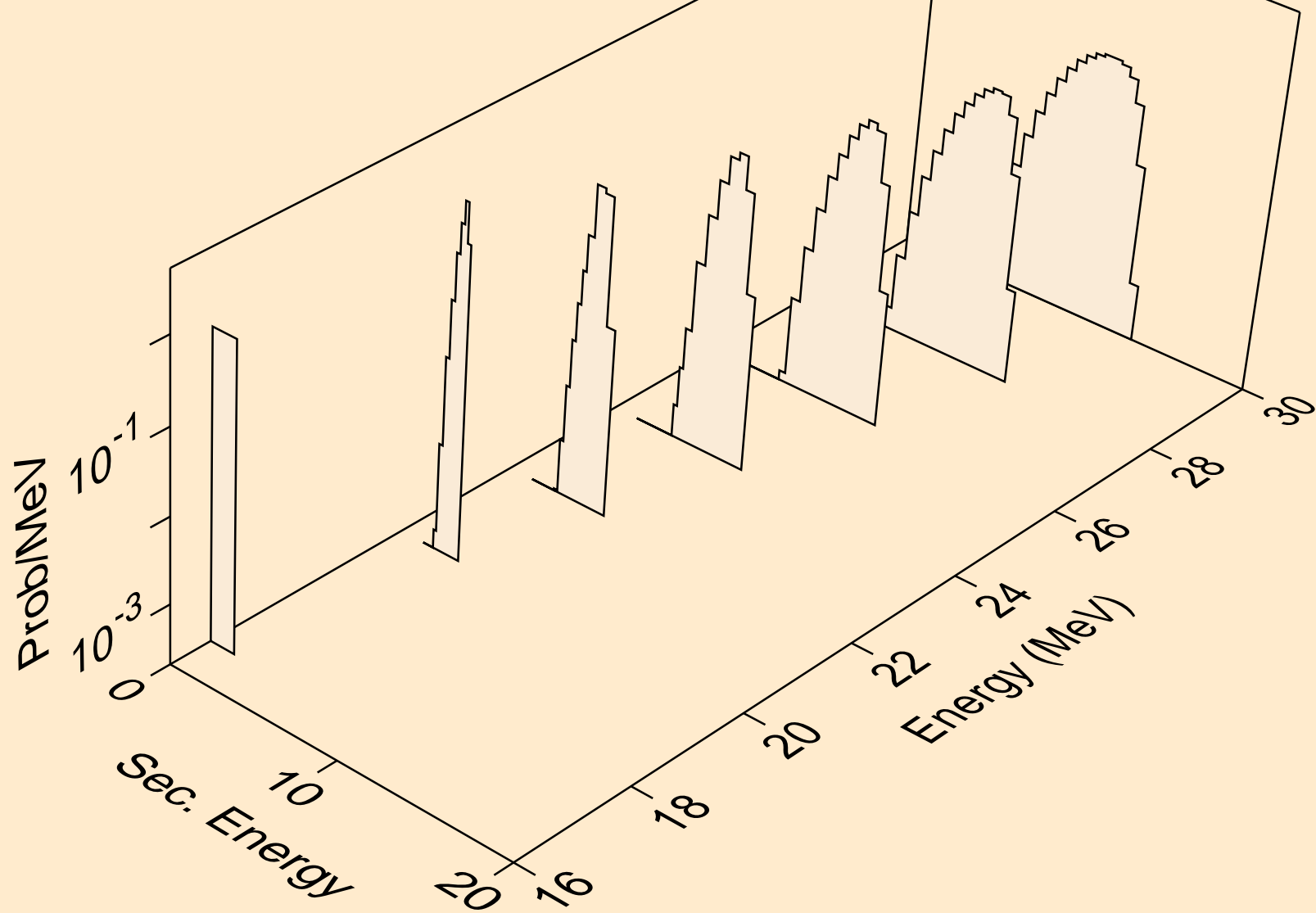
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



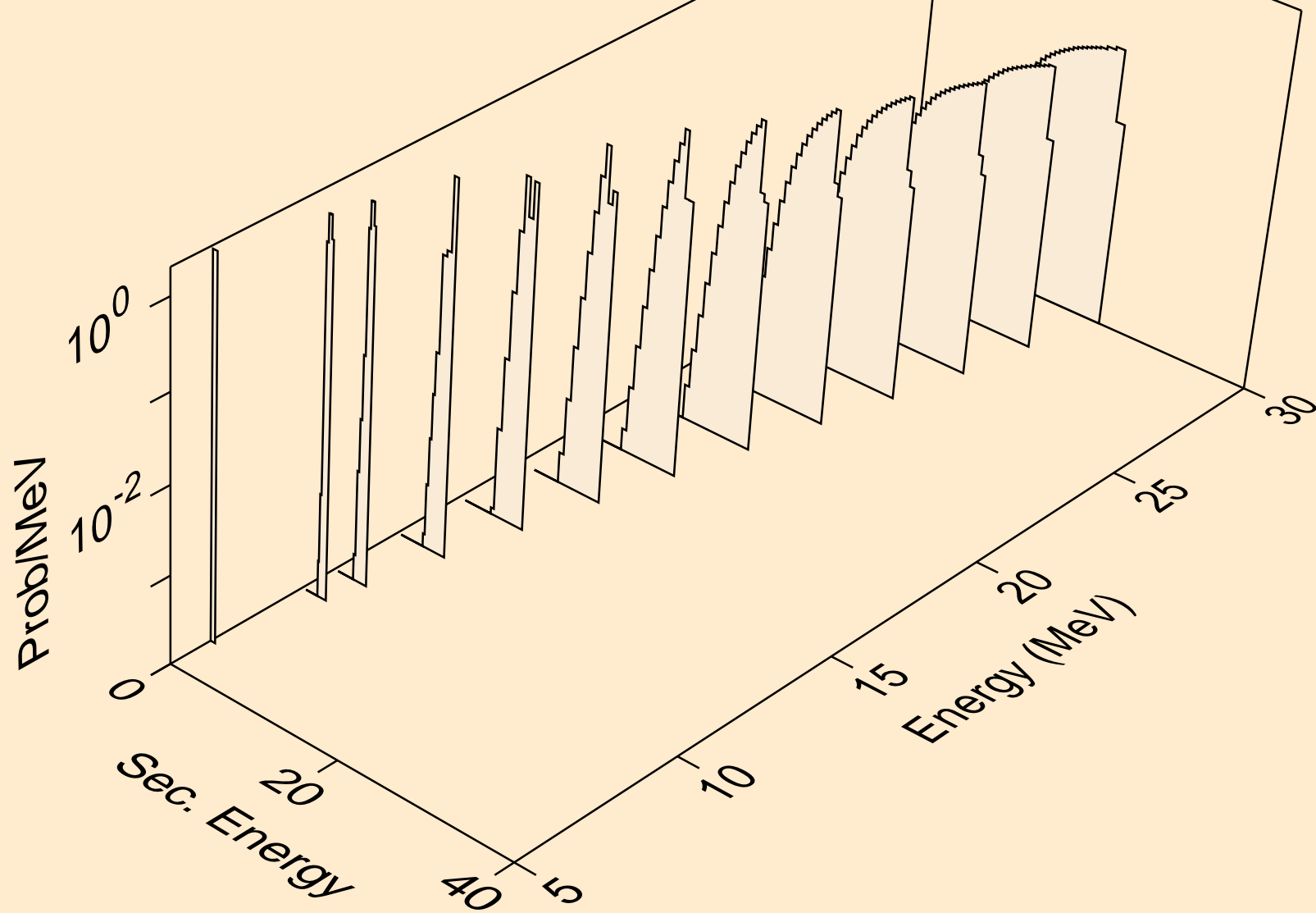
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



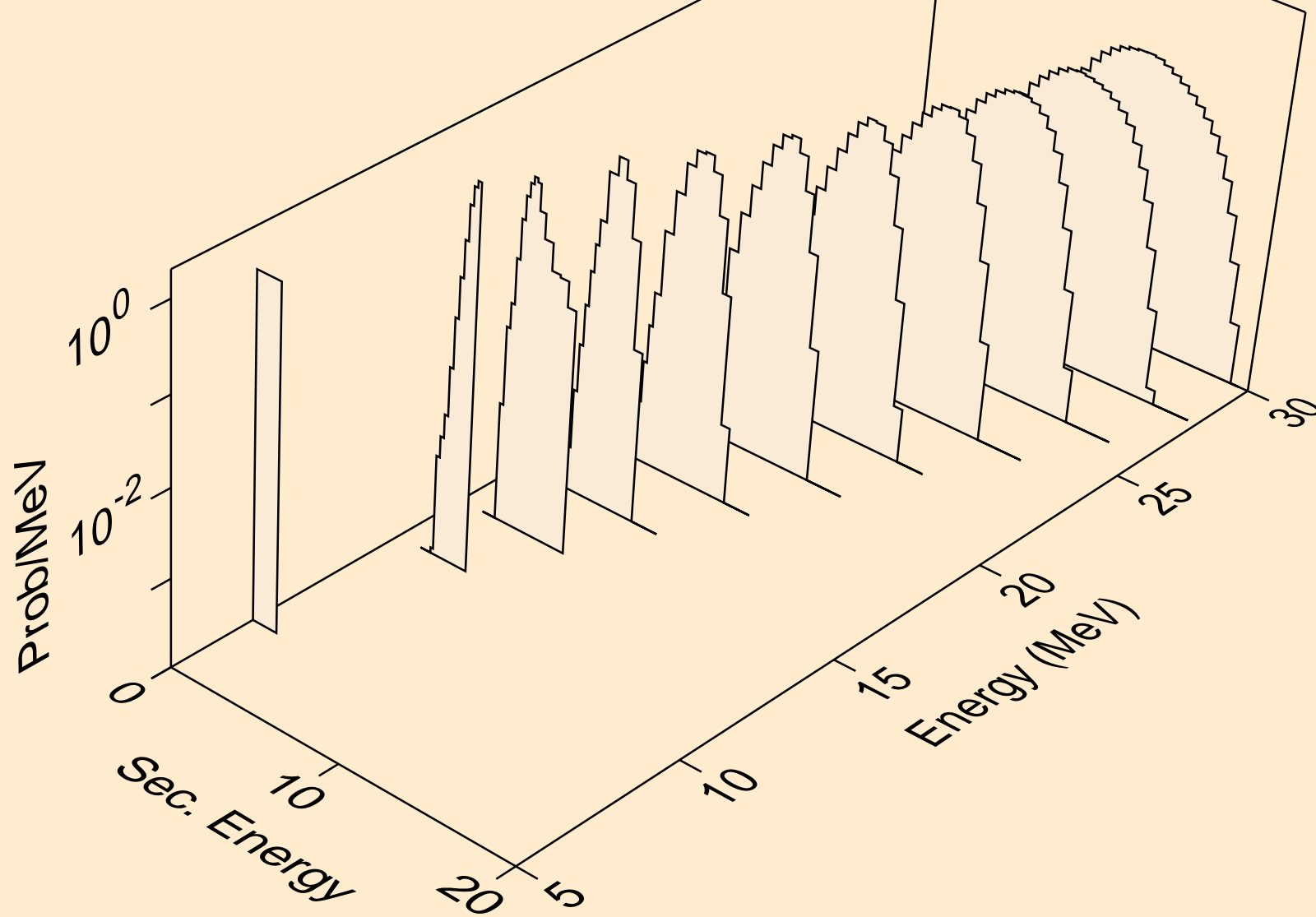
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



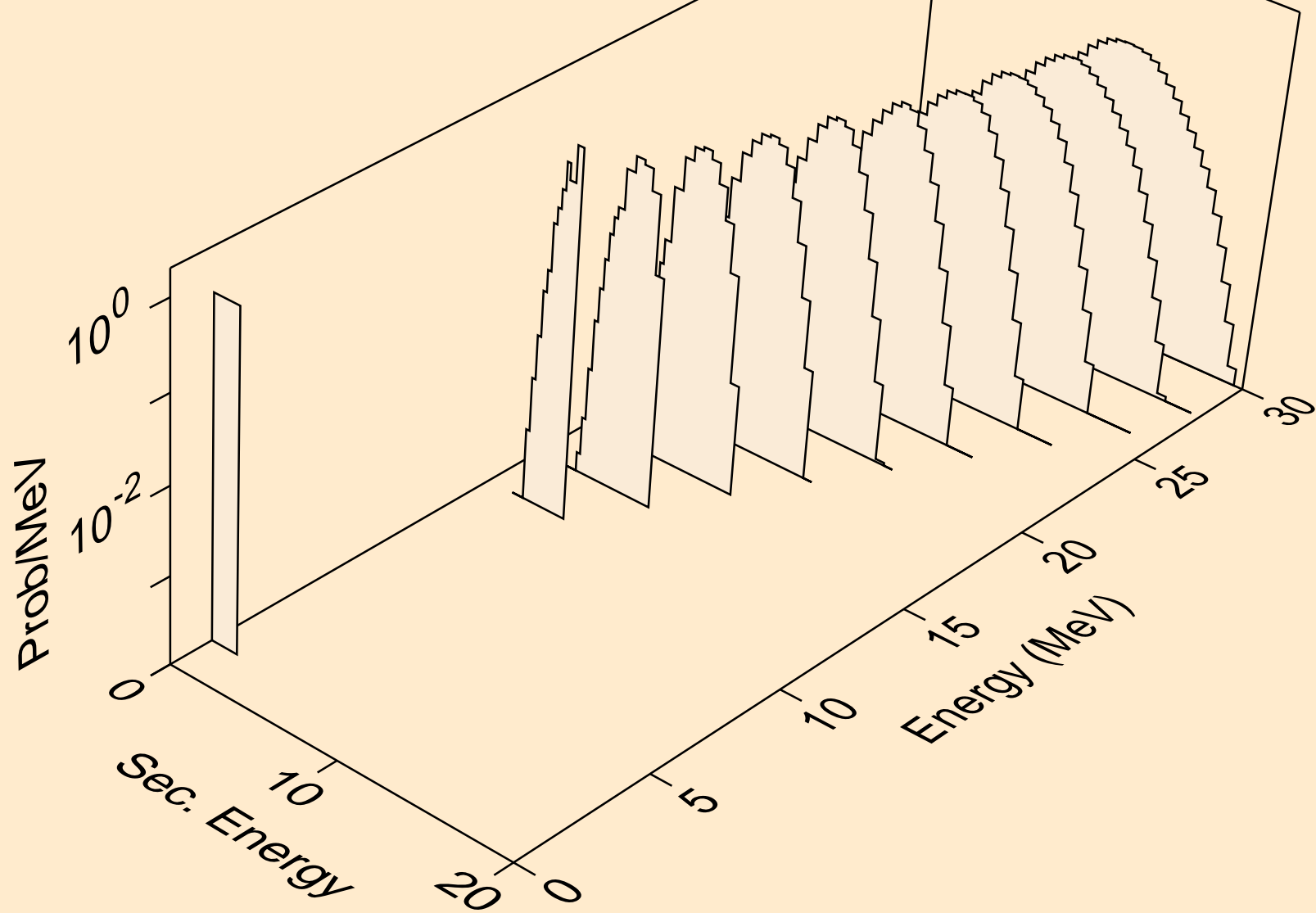
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

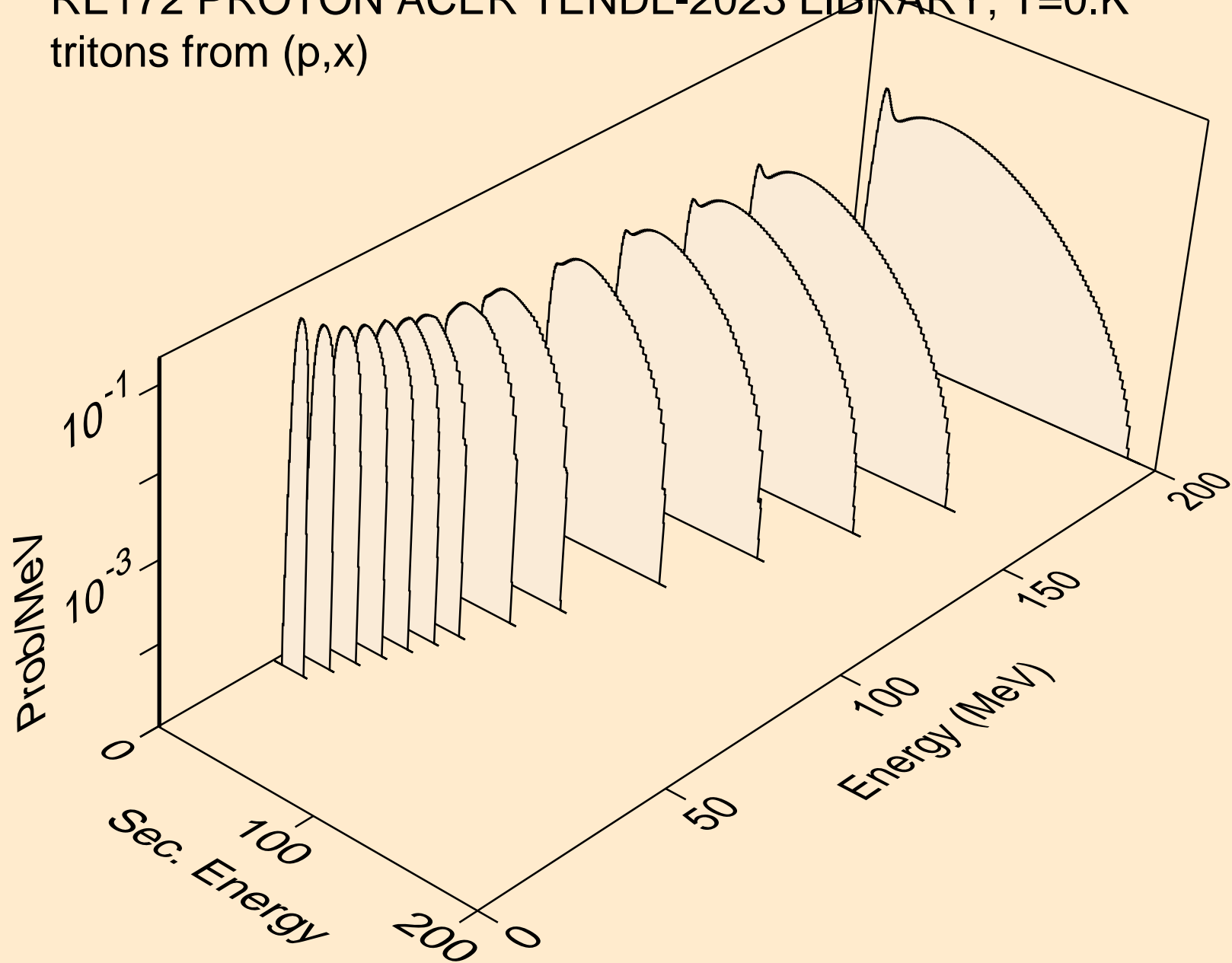


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

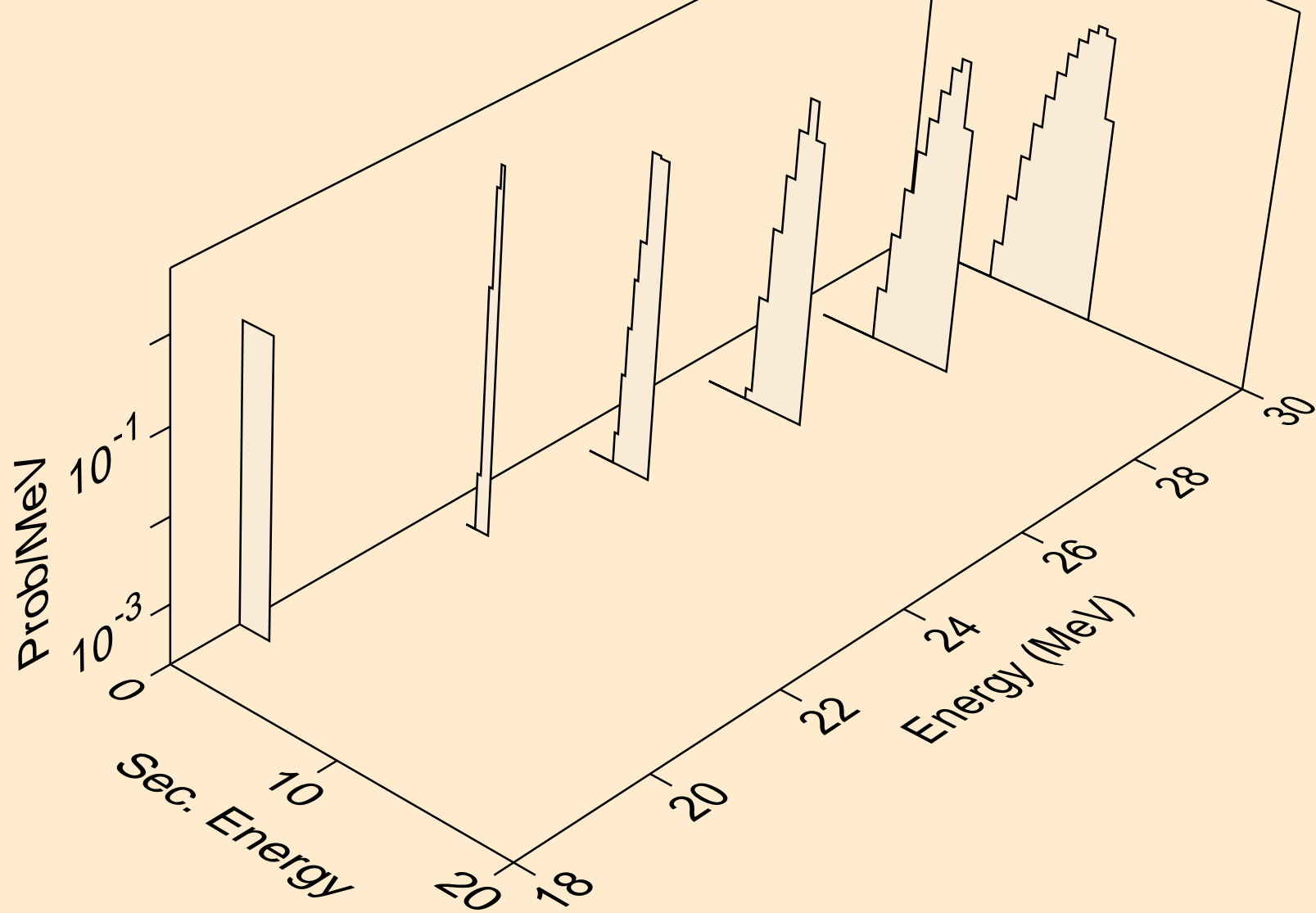




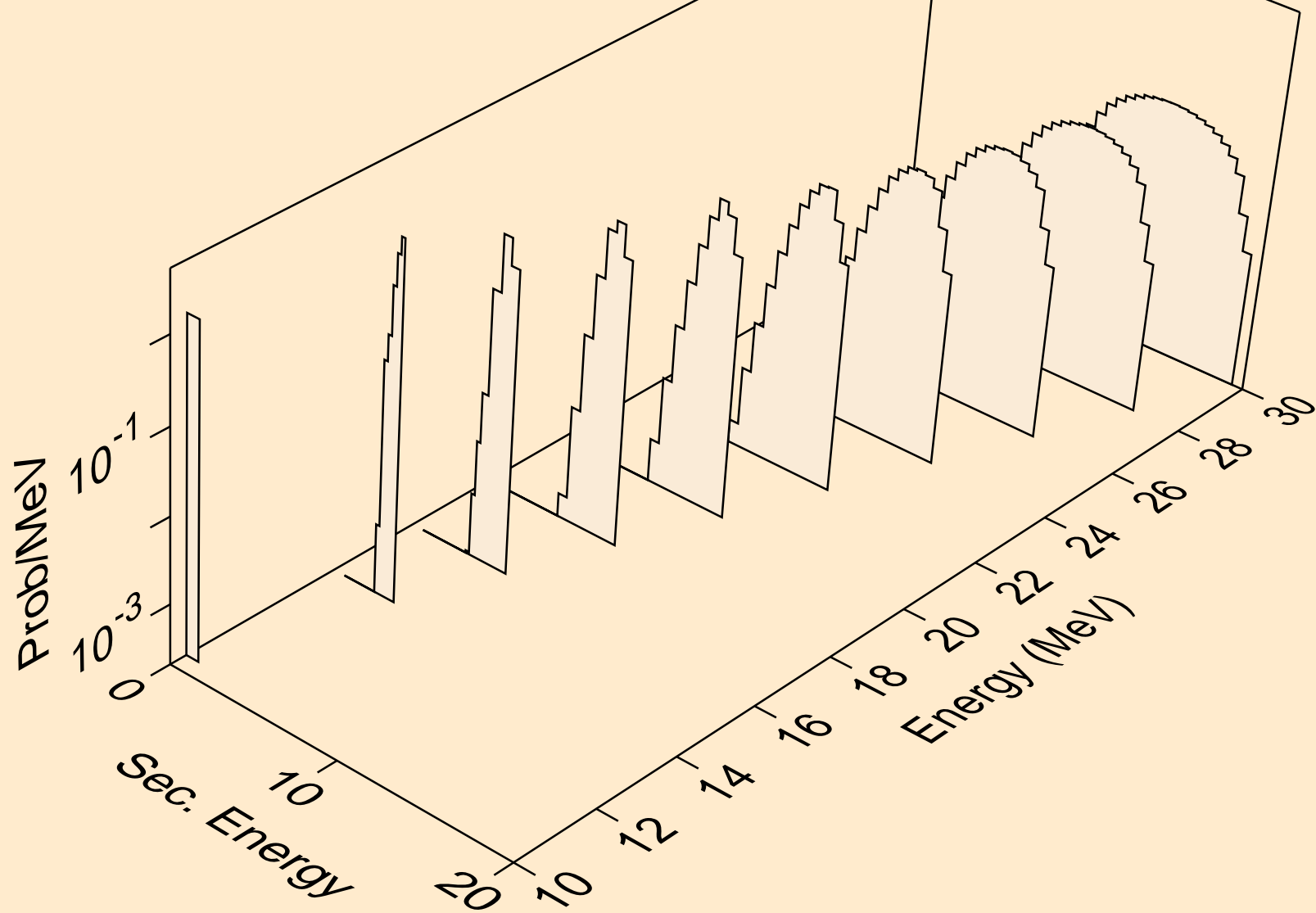
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



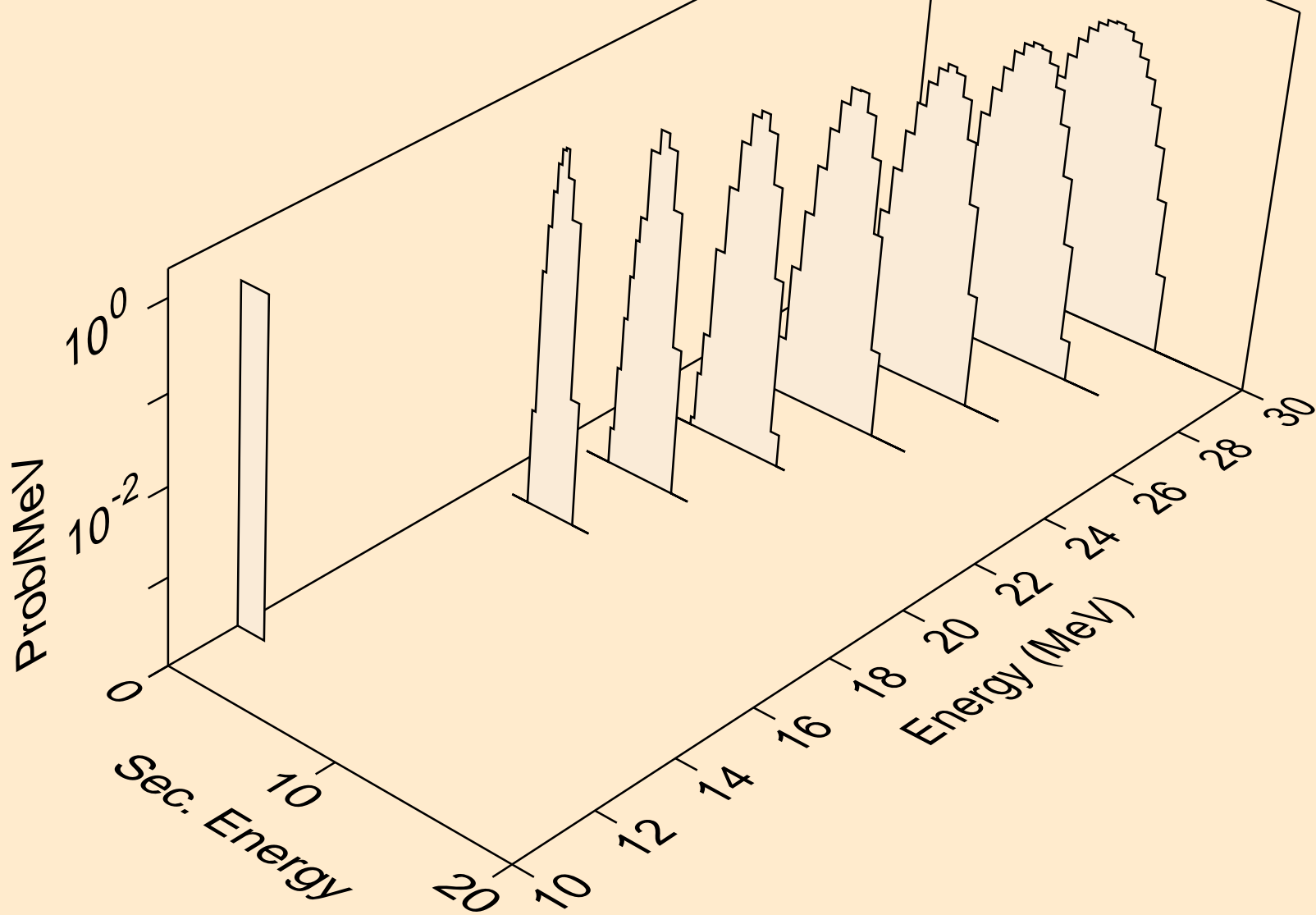
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



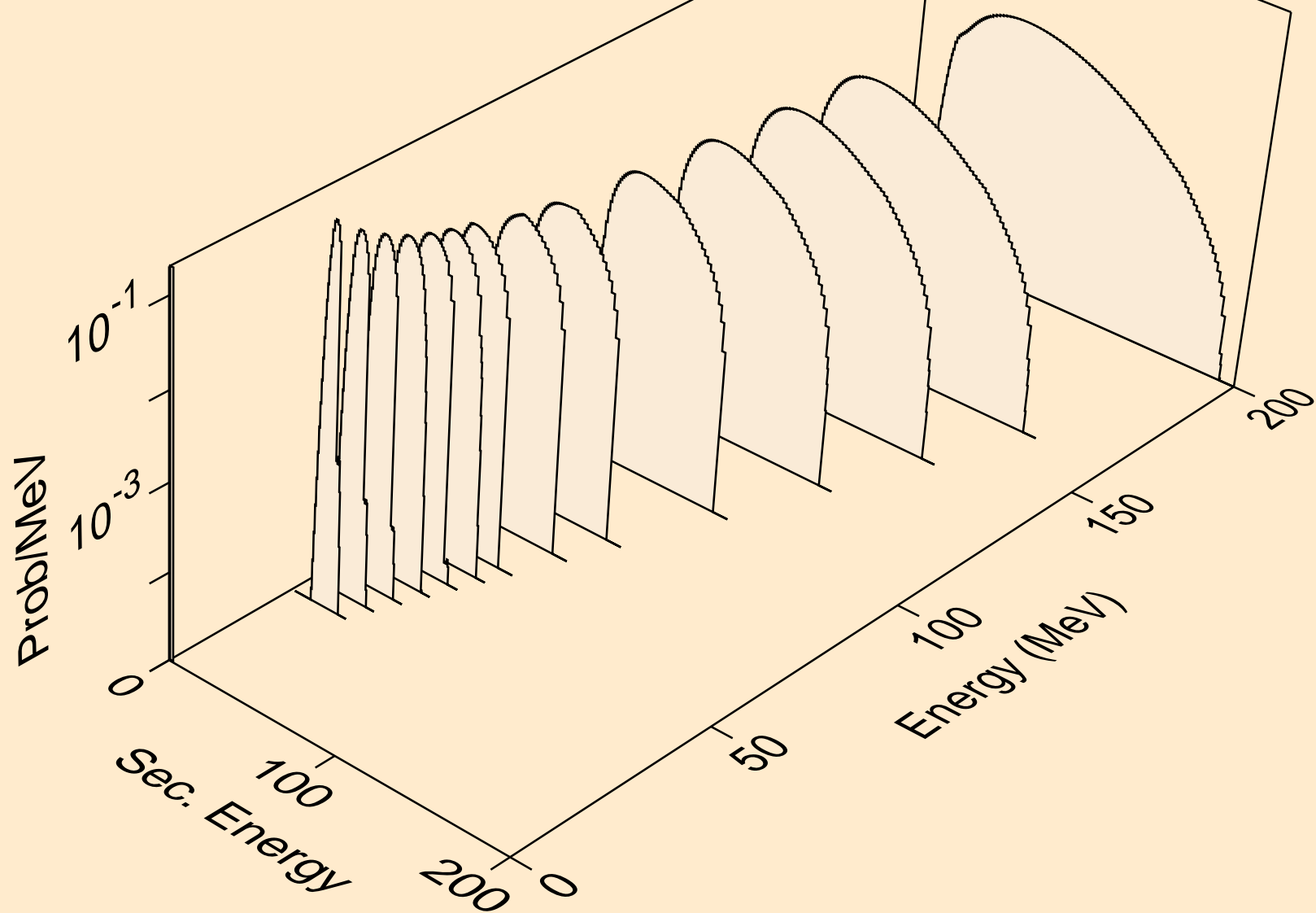
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tritons from (p,t)



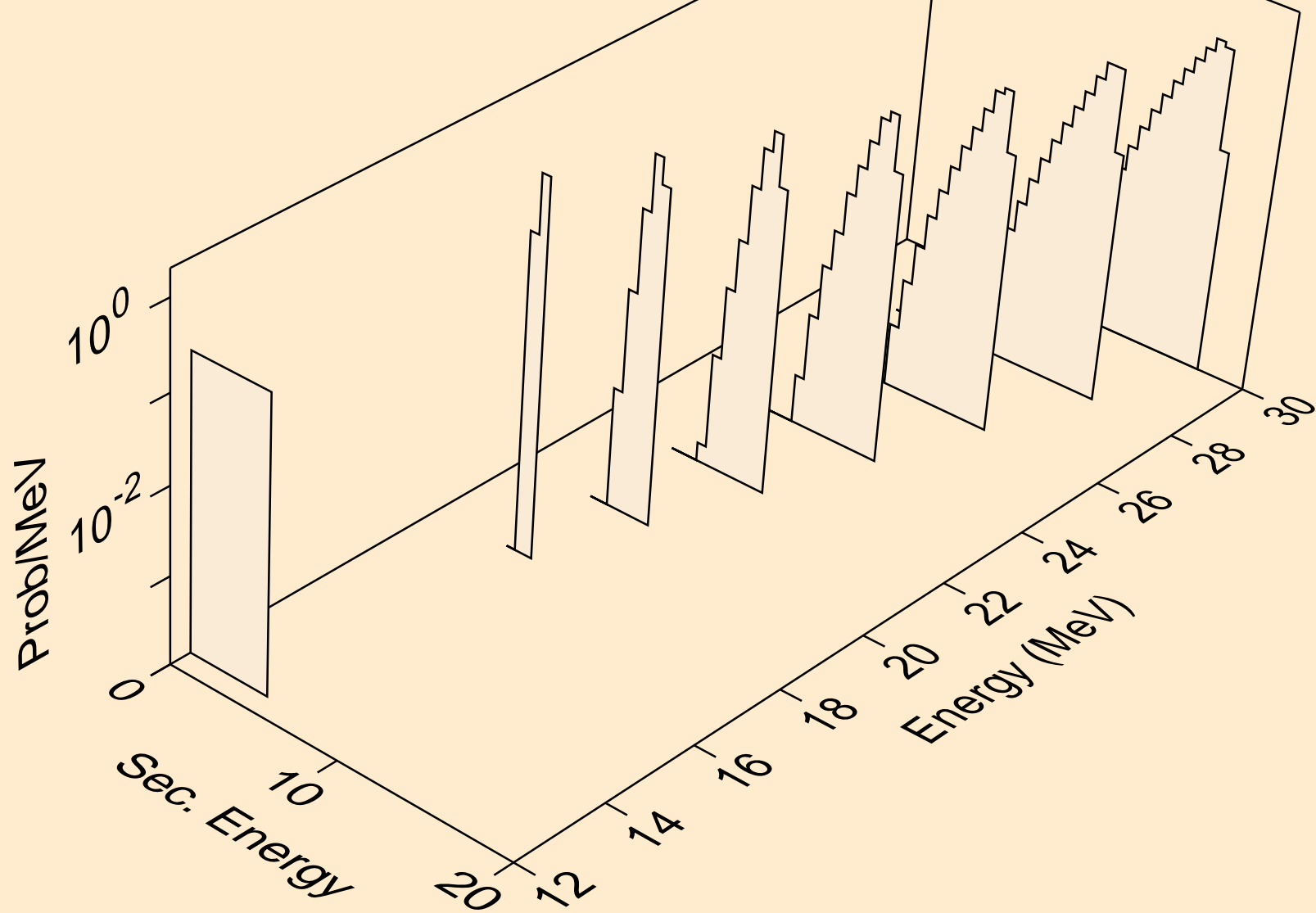
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tritons from (p,pt)



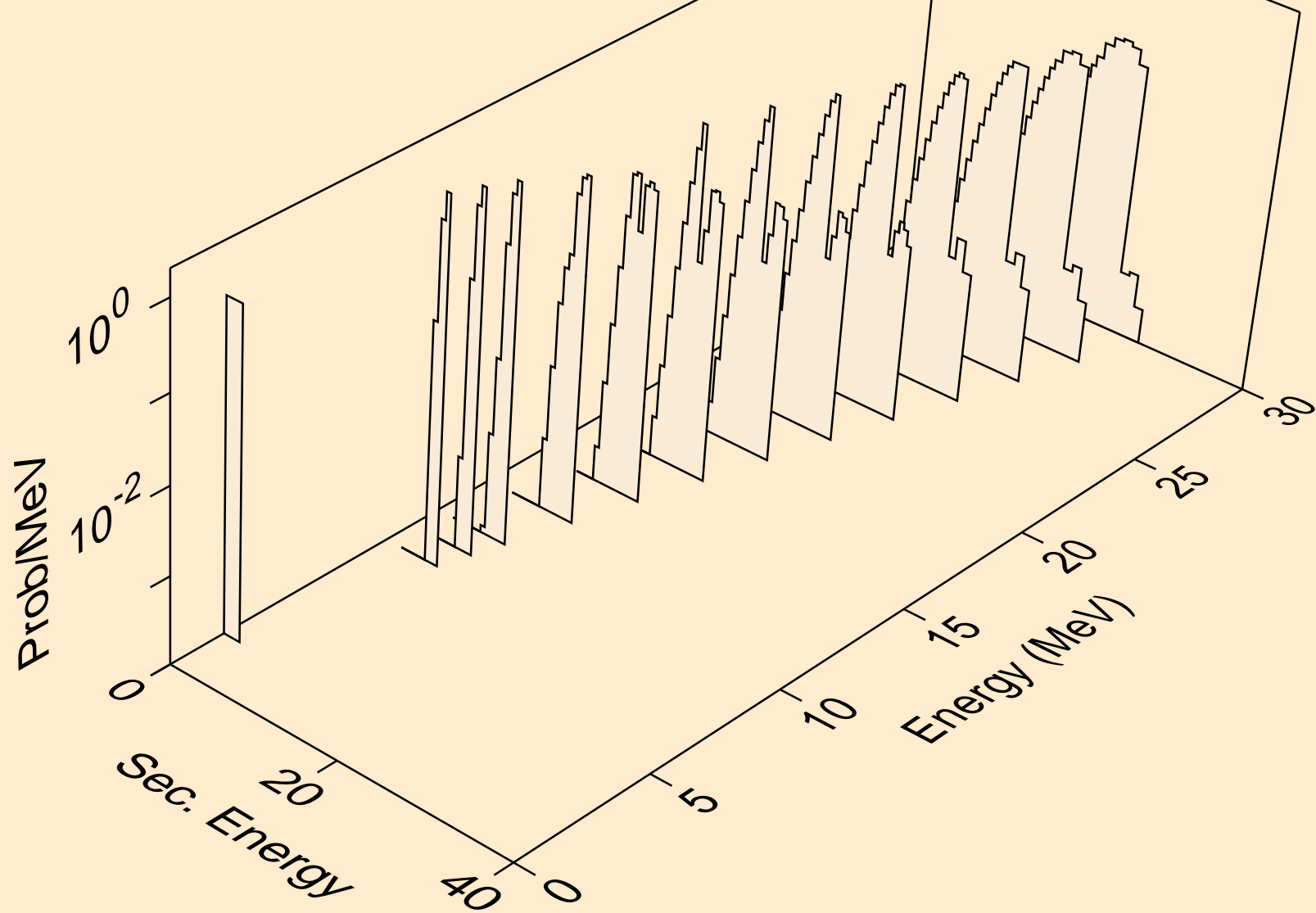
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



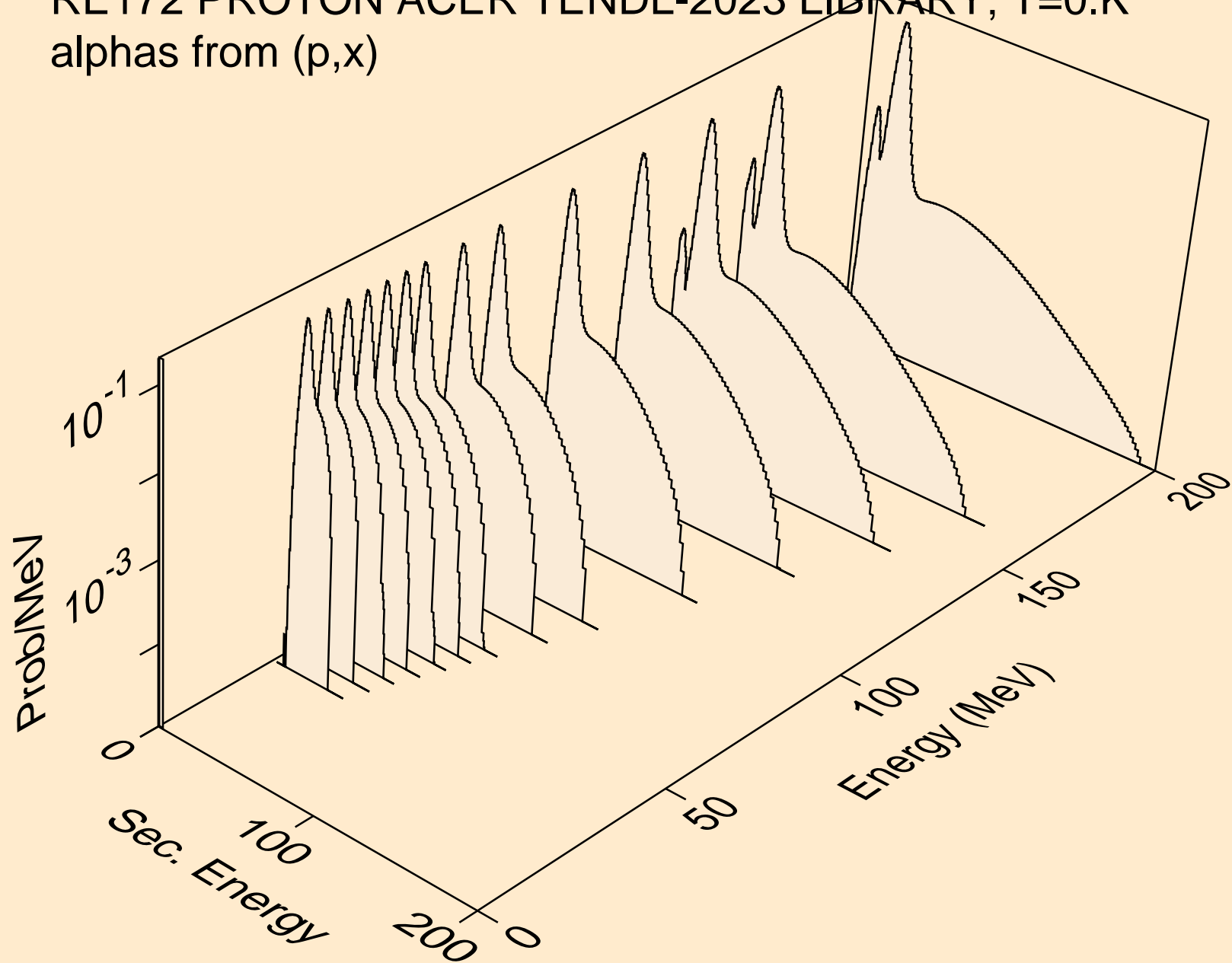
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

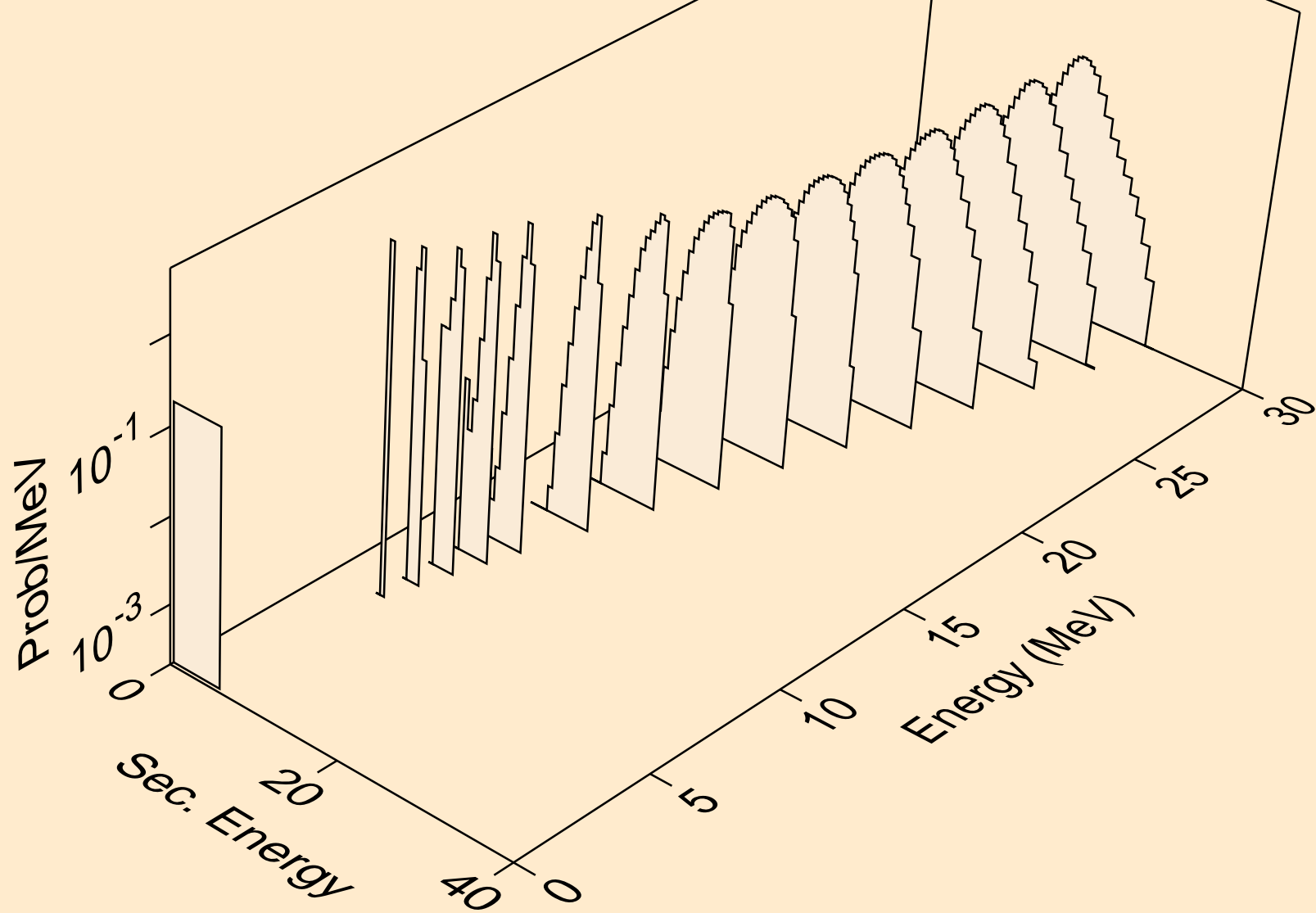


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

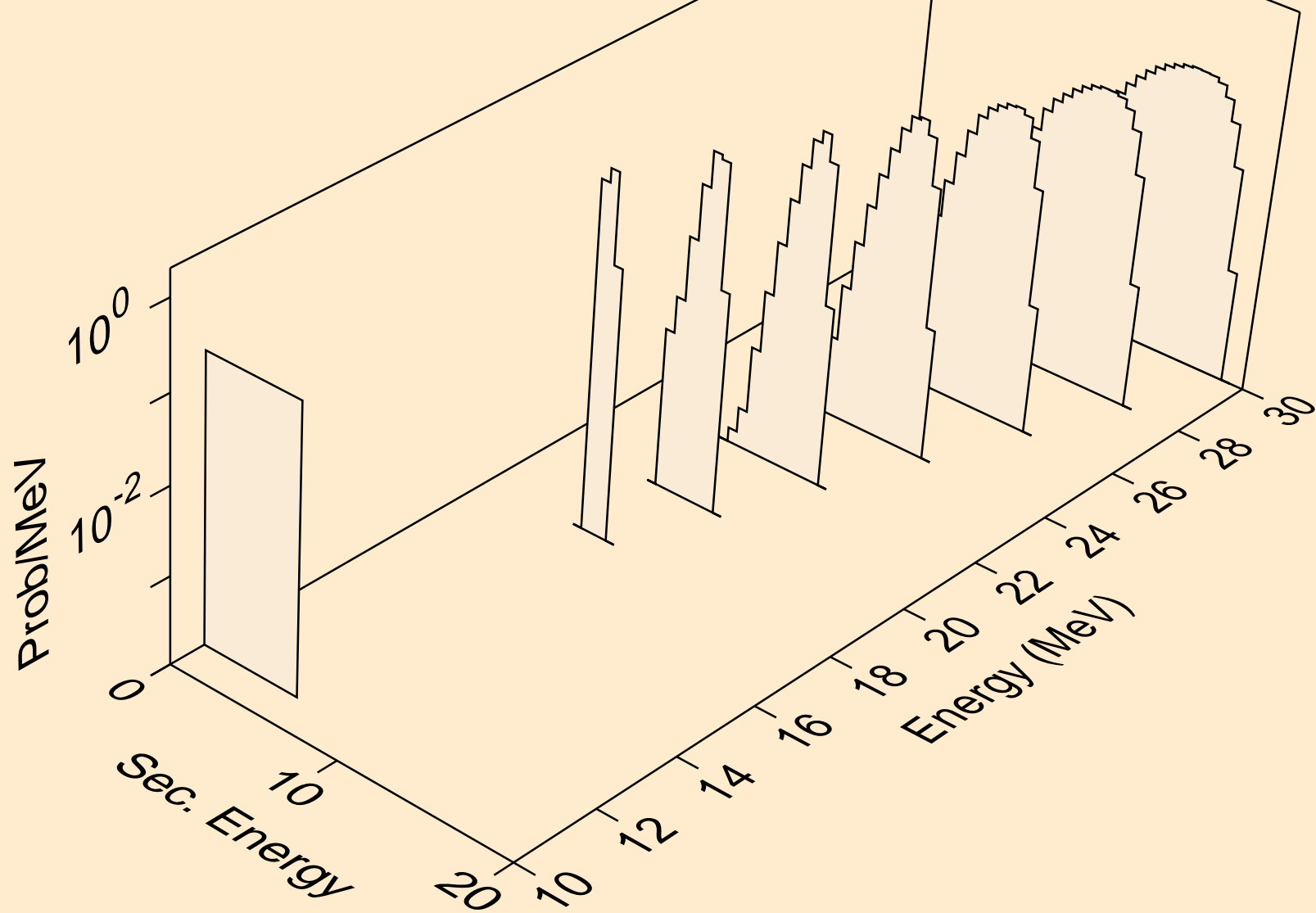




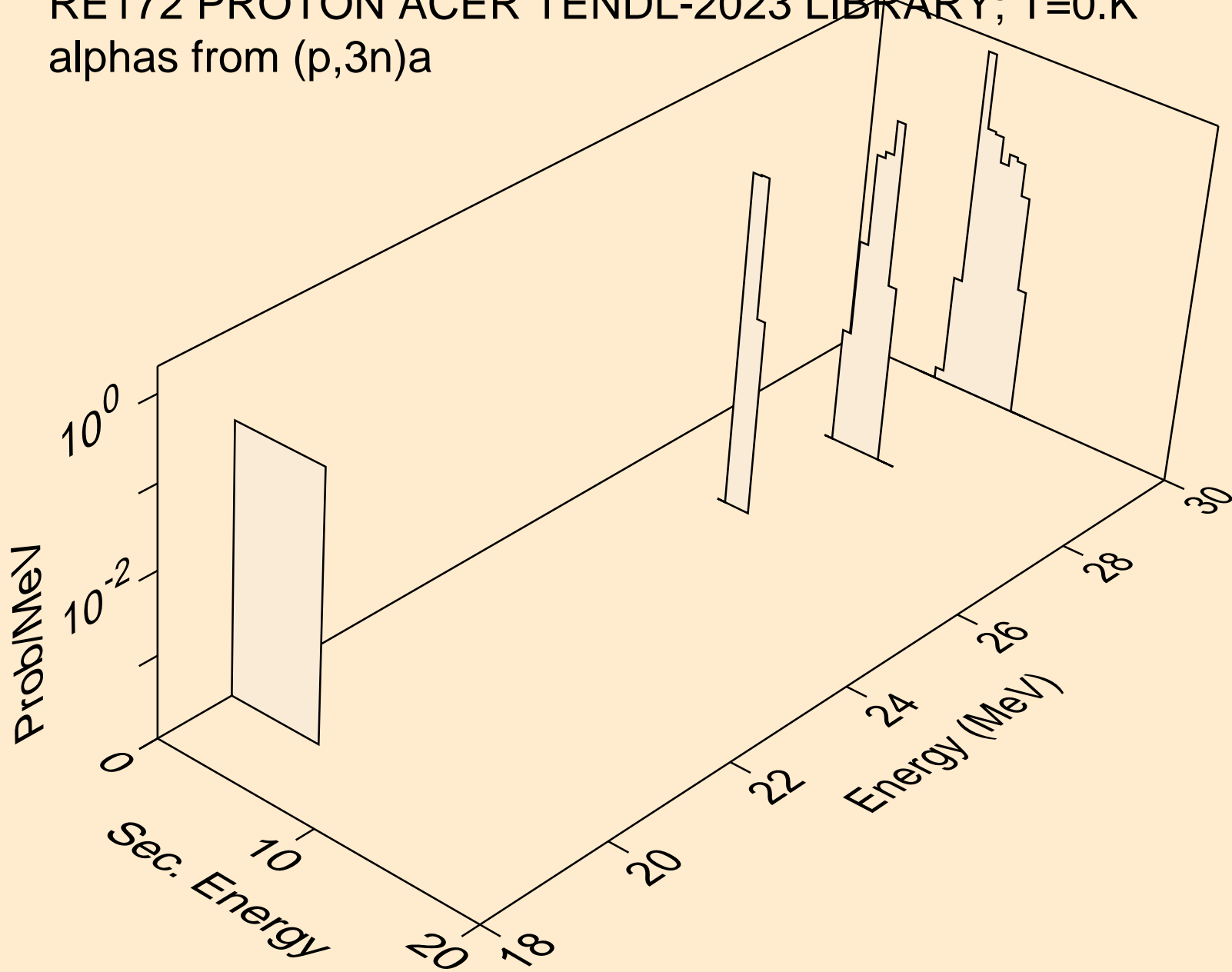
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



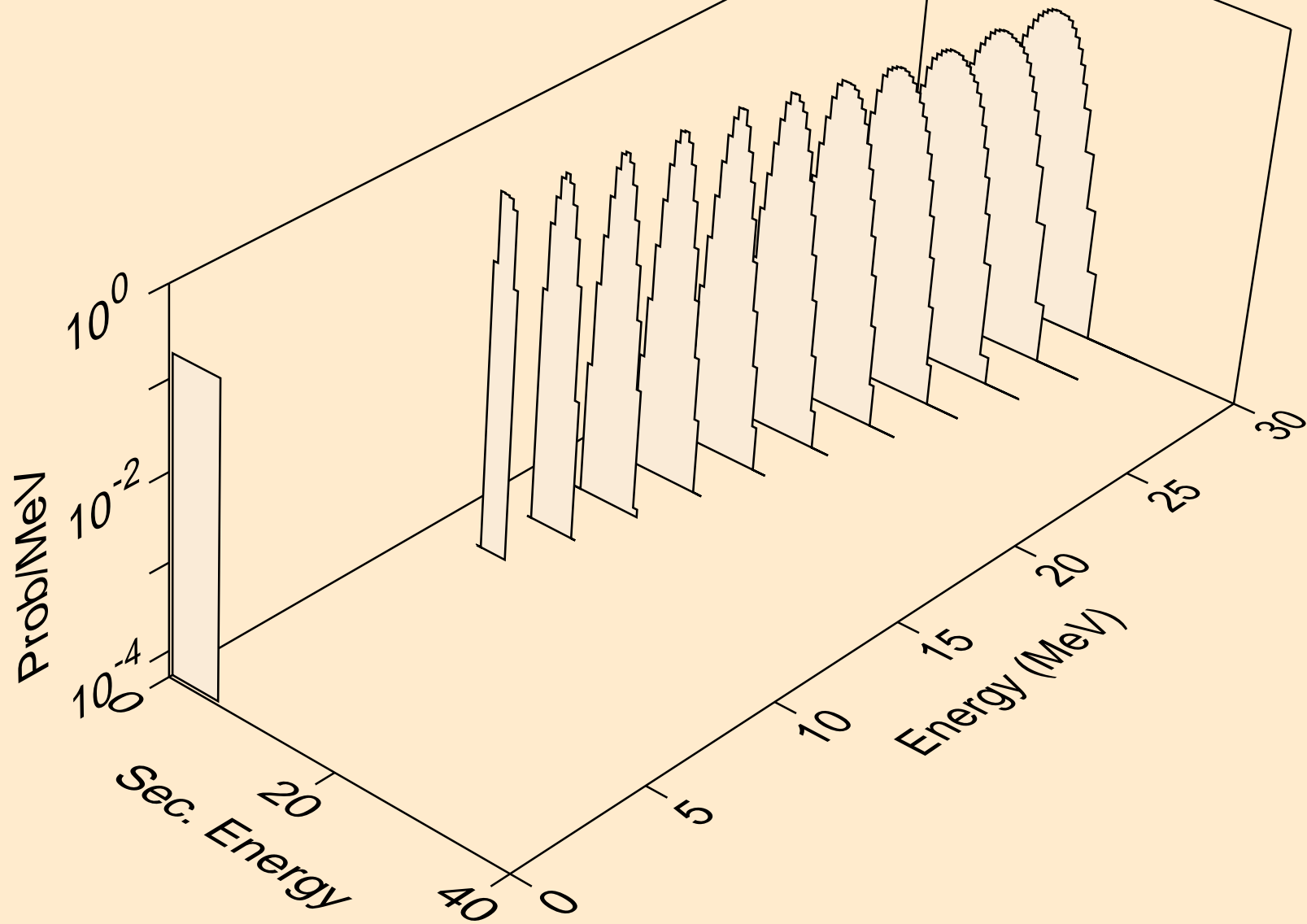
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



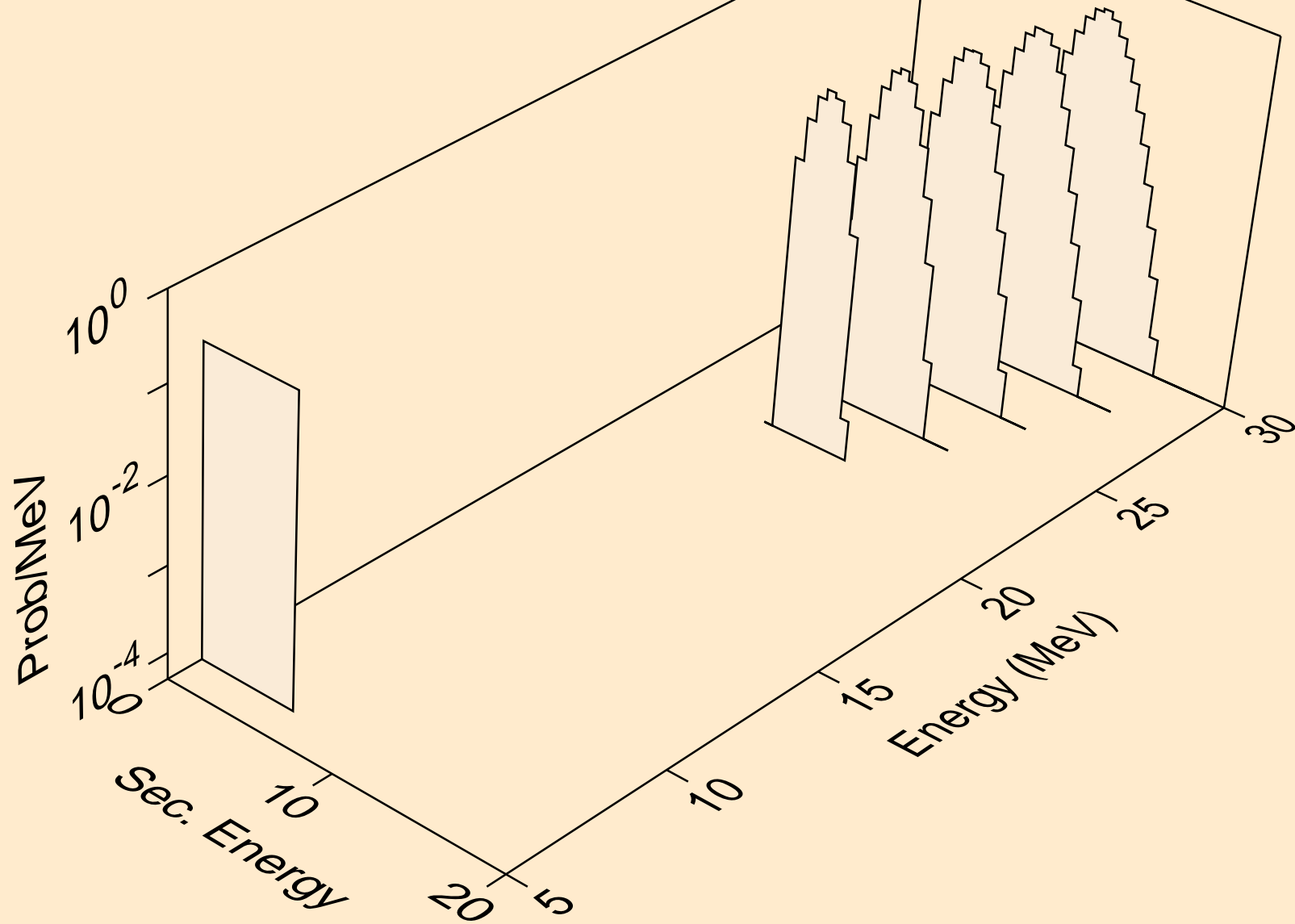
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



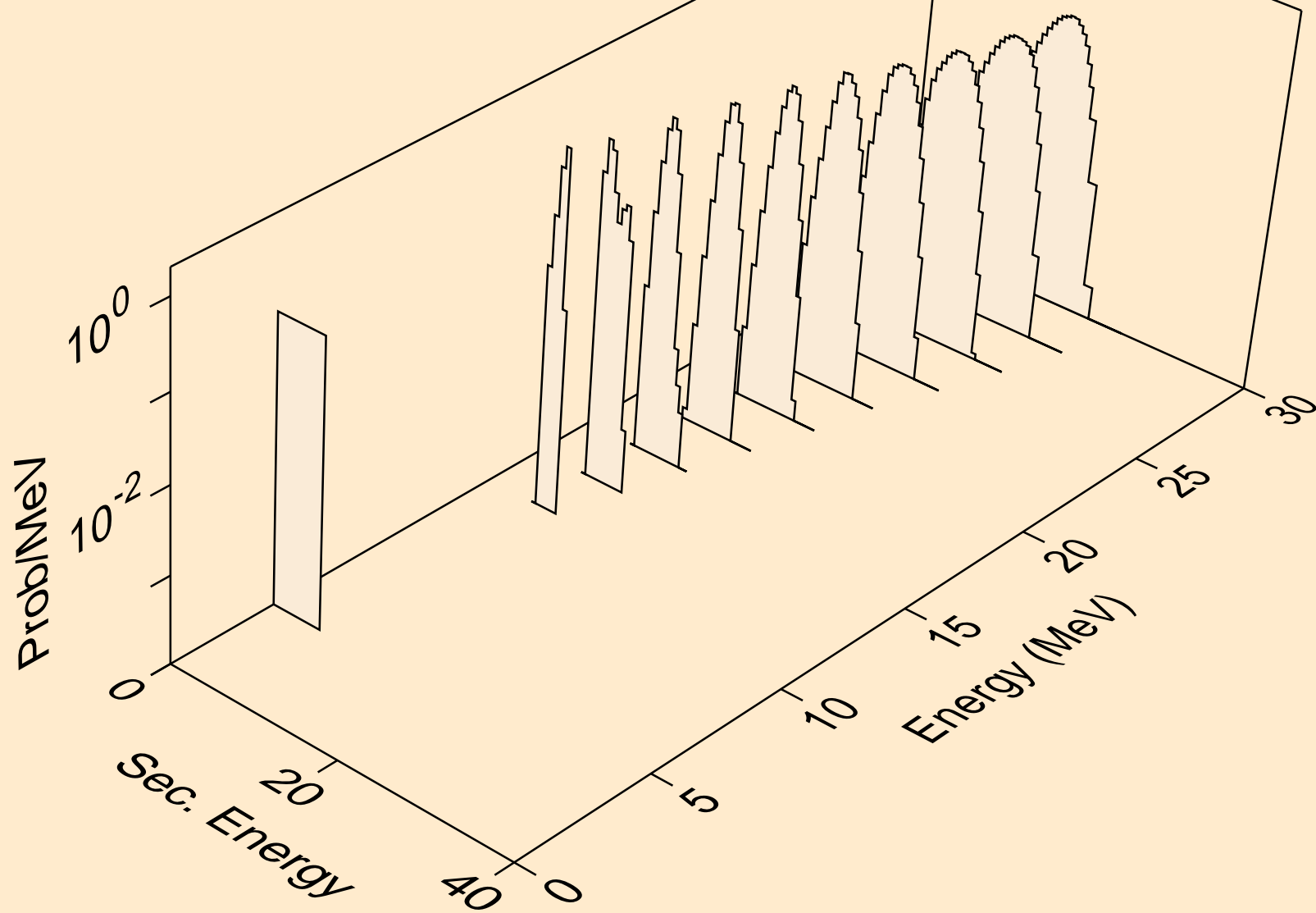
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



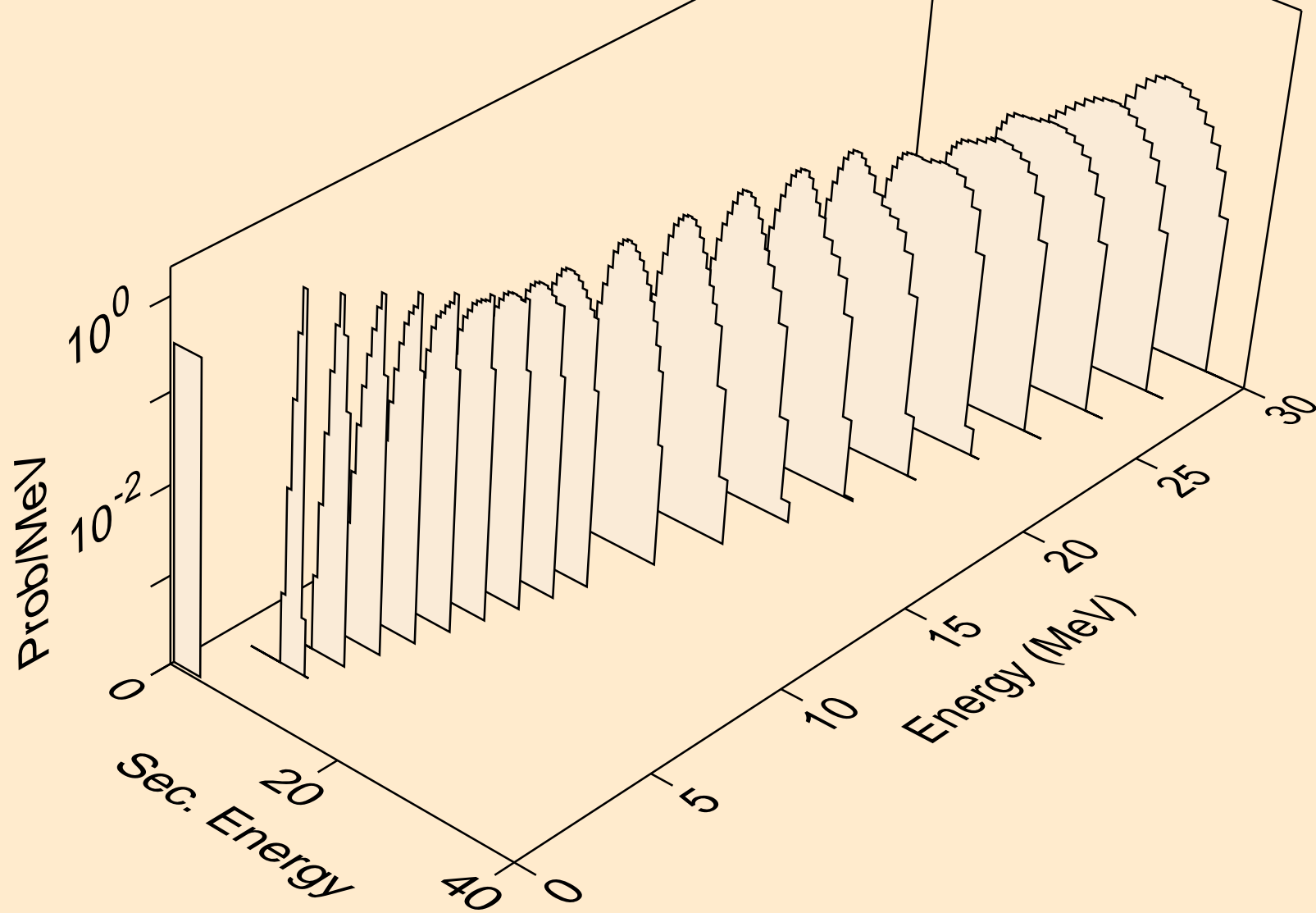
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a



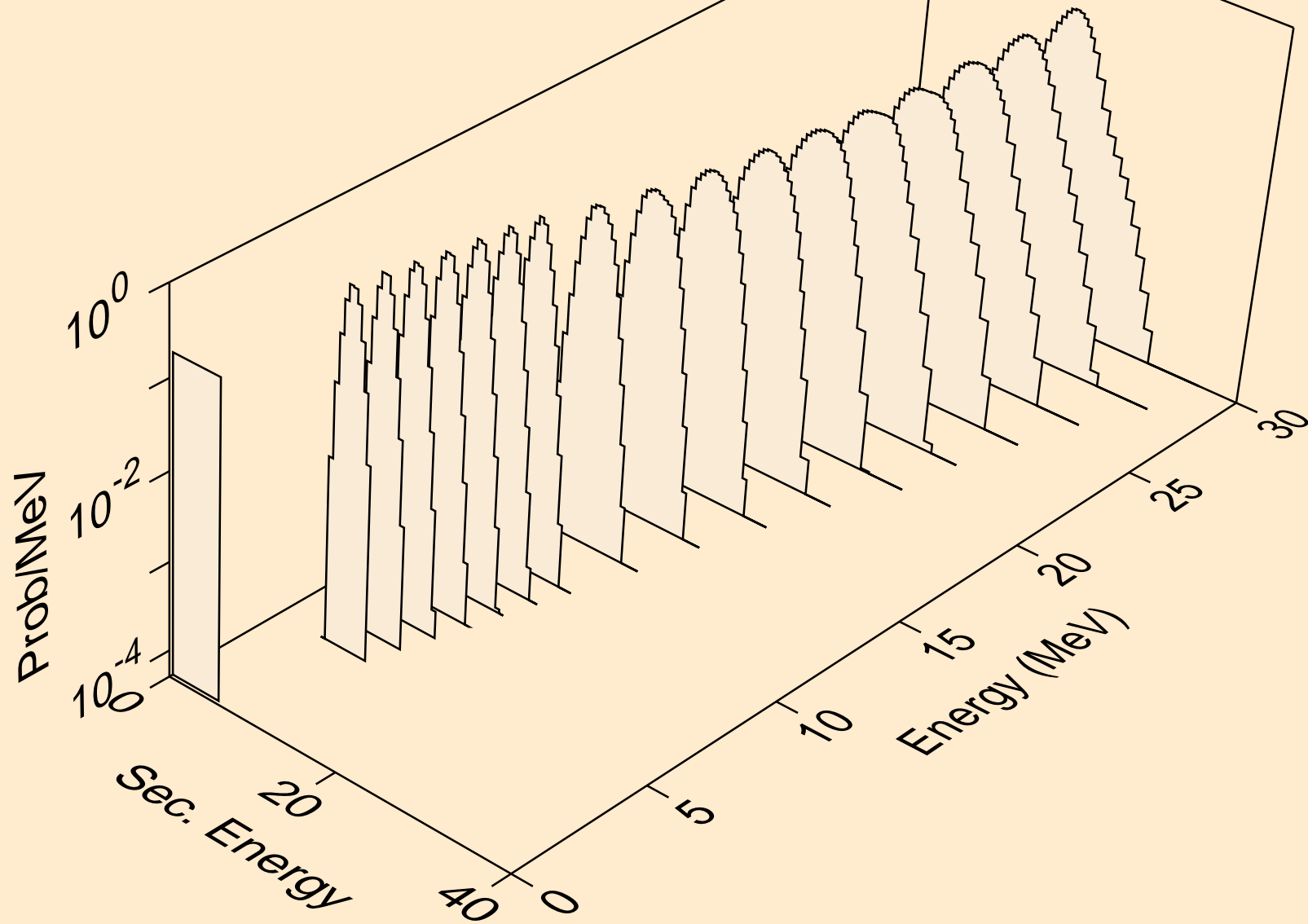
RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

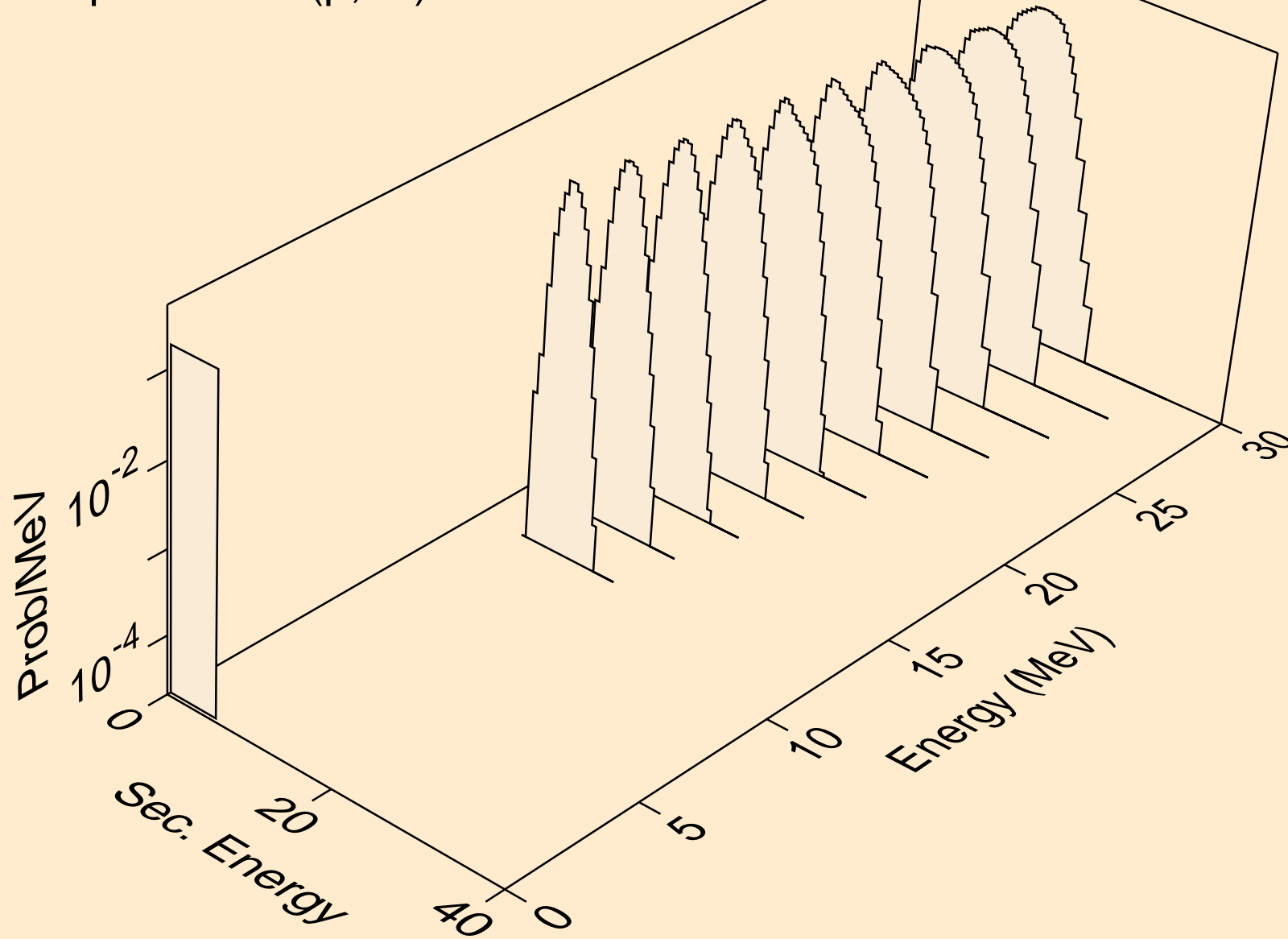


RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)

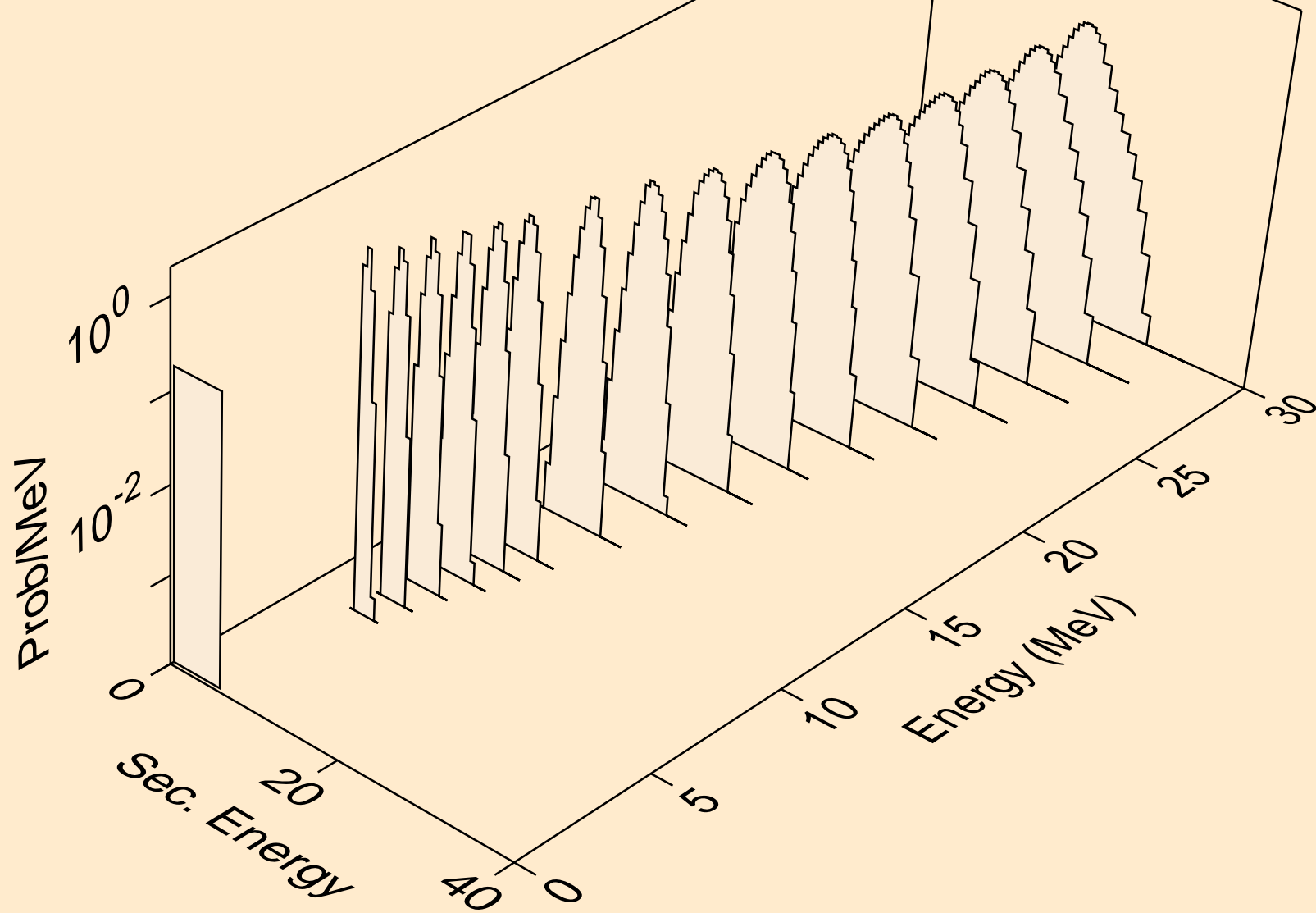




RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



RE172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

