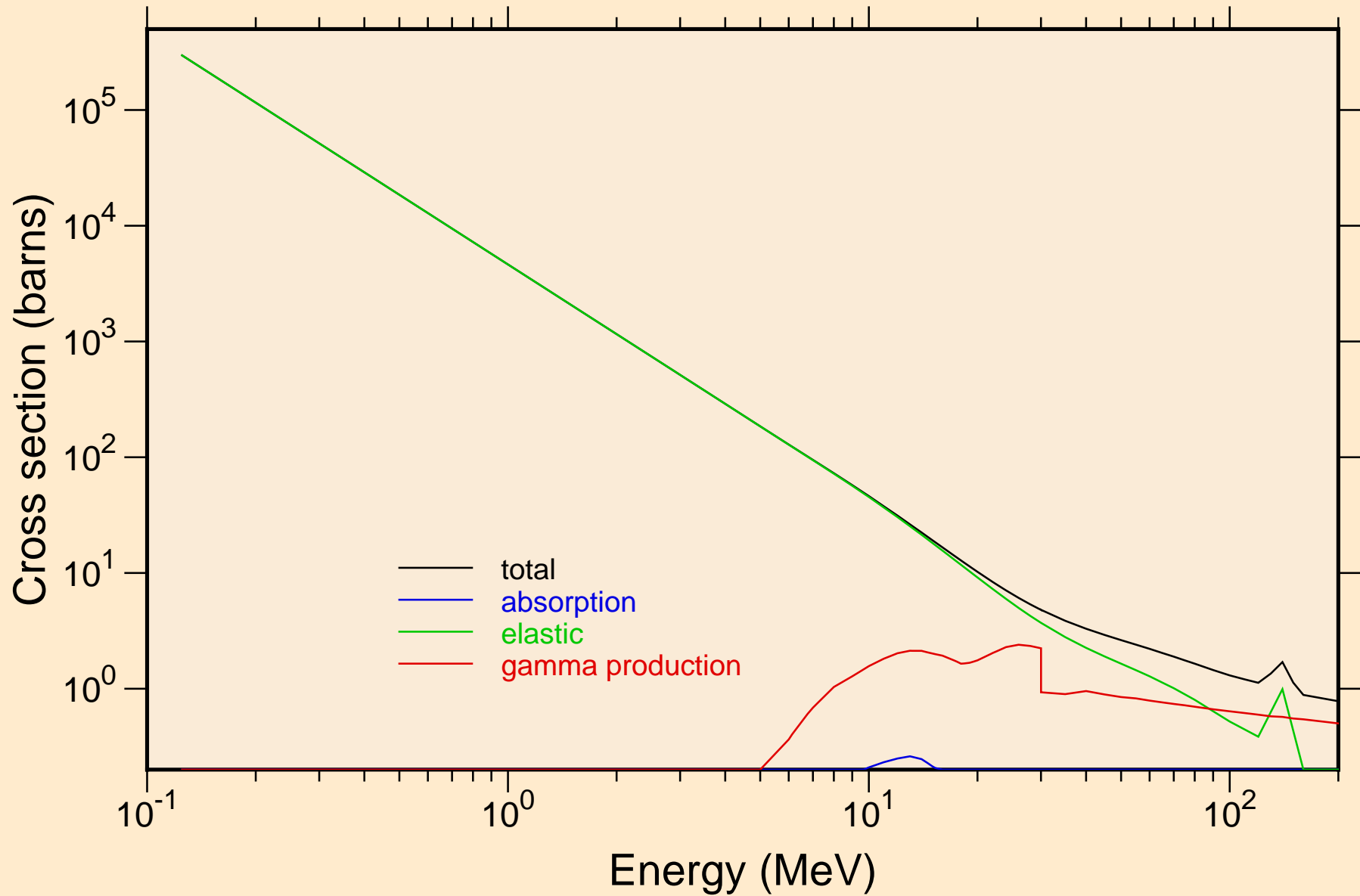


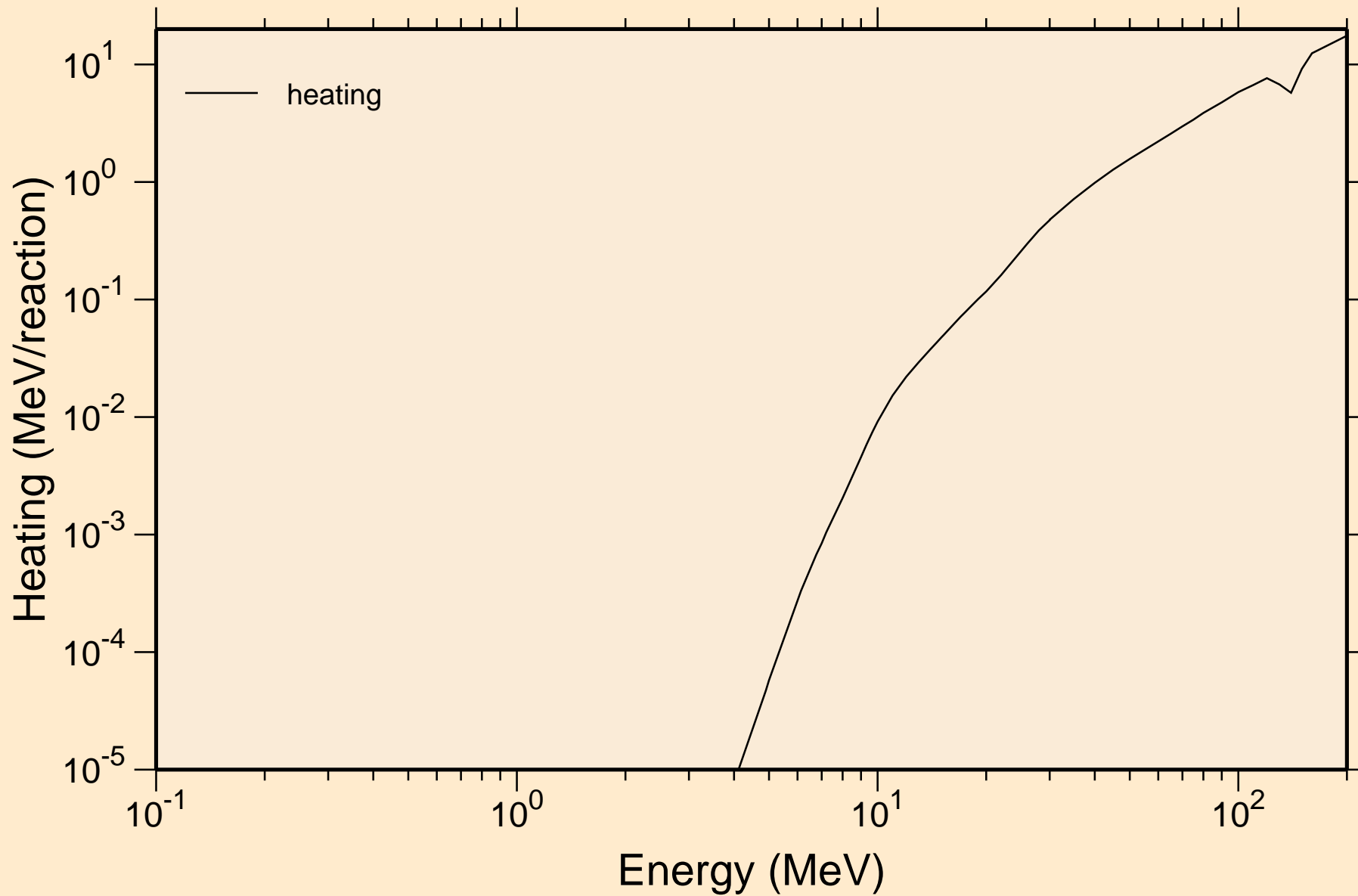
# CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

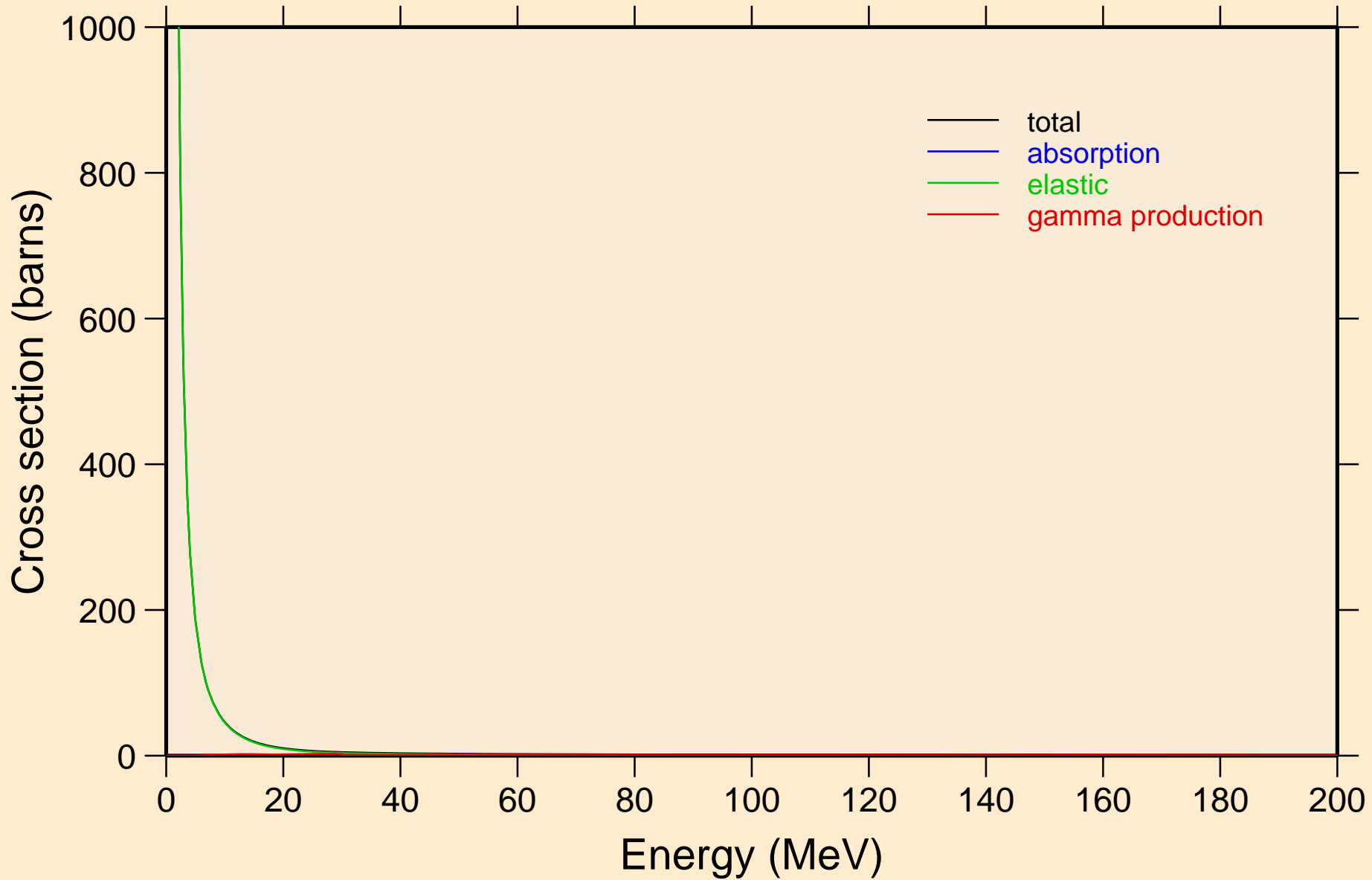


# CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

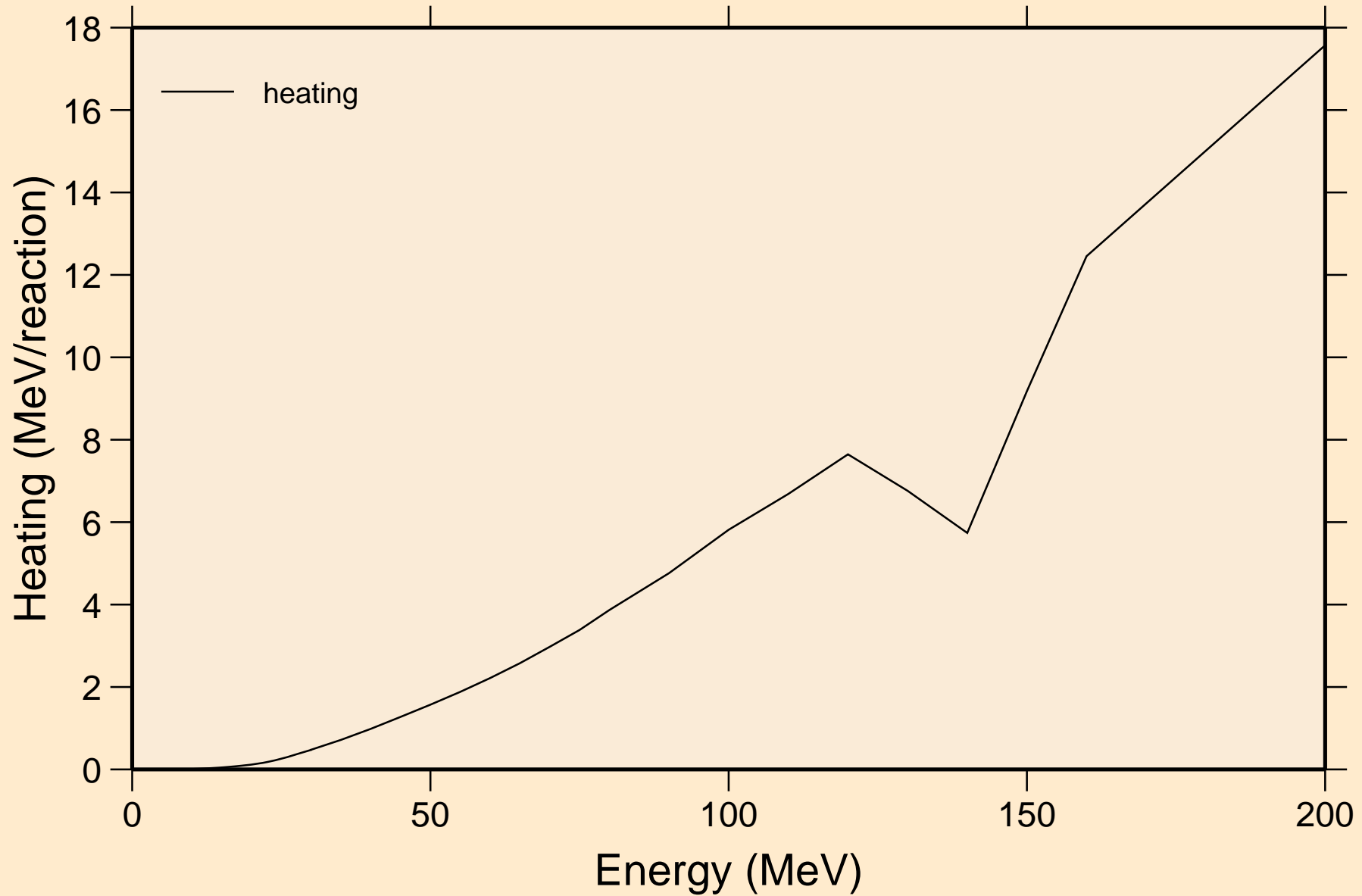


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

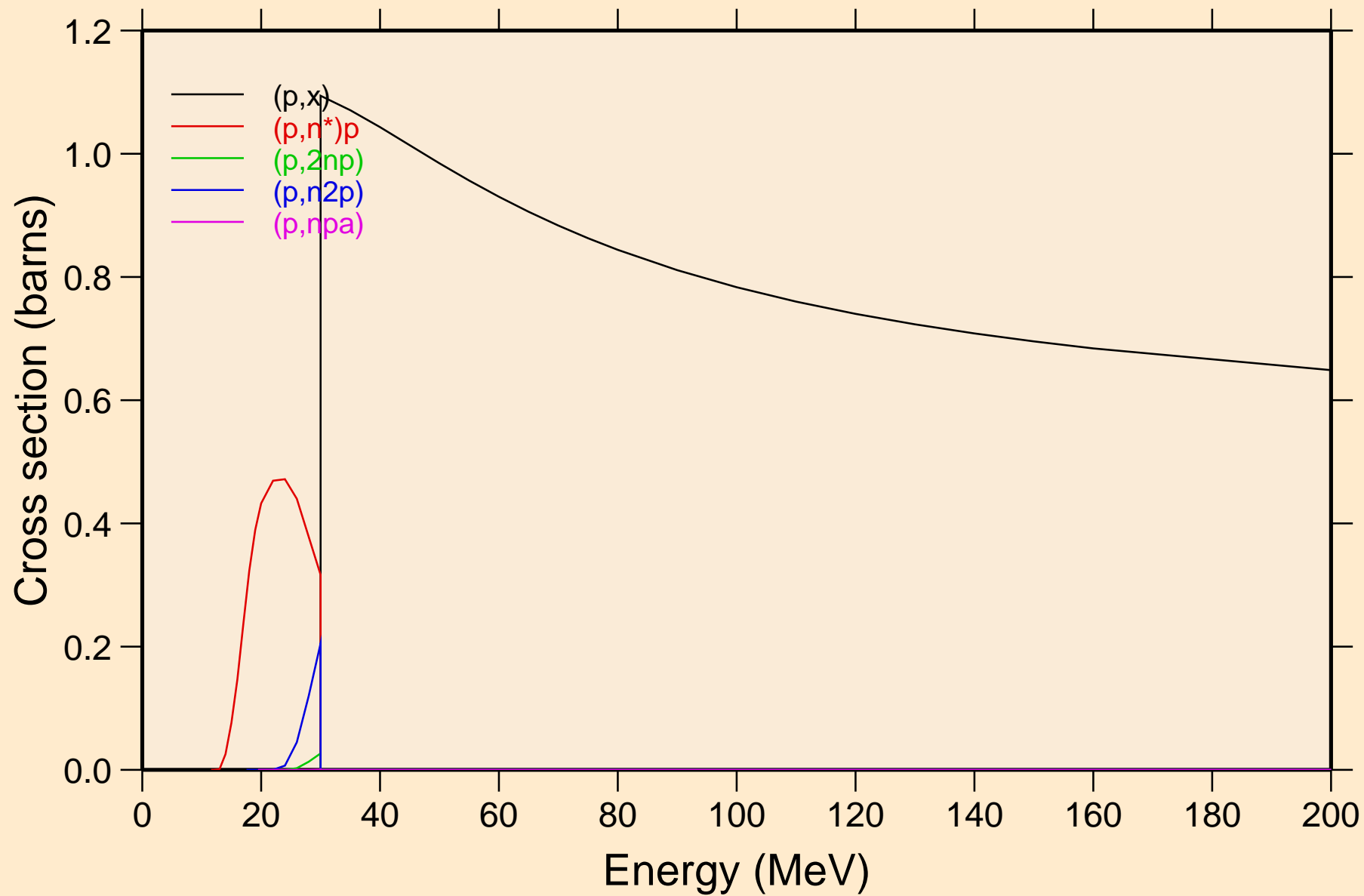


# CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

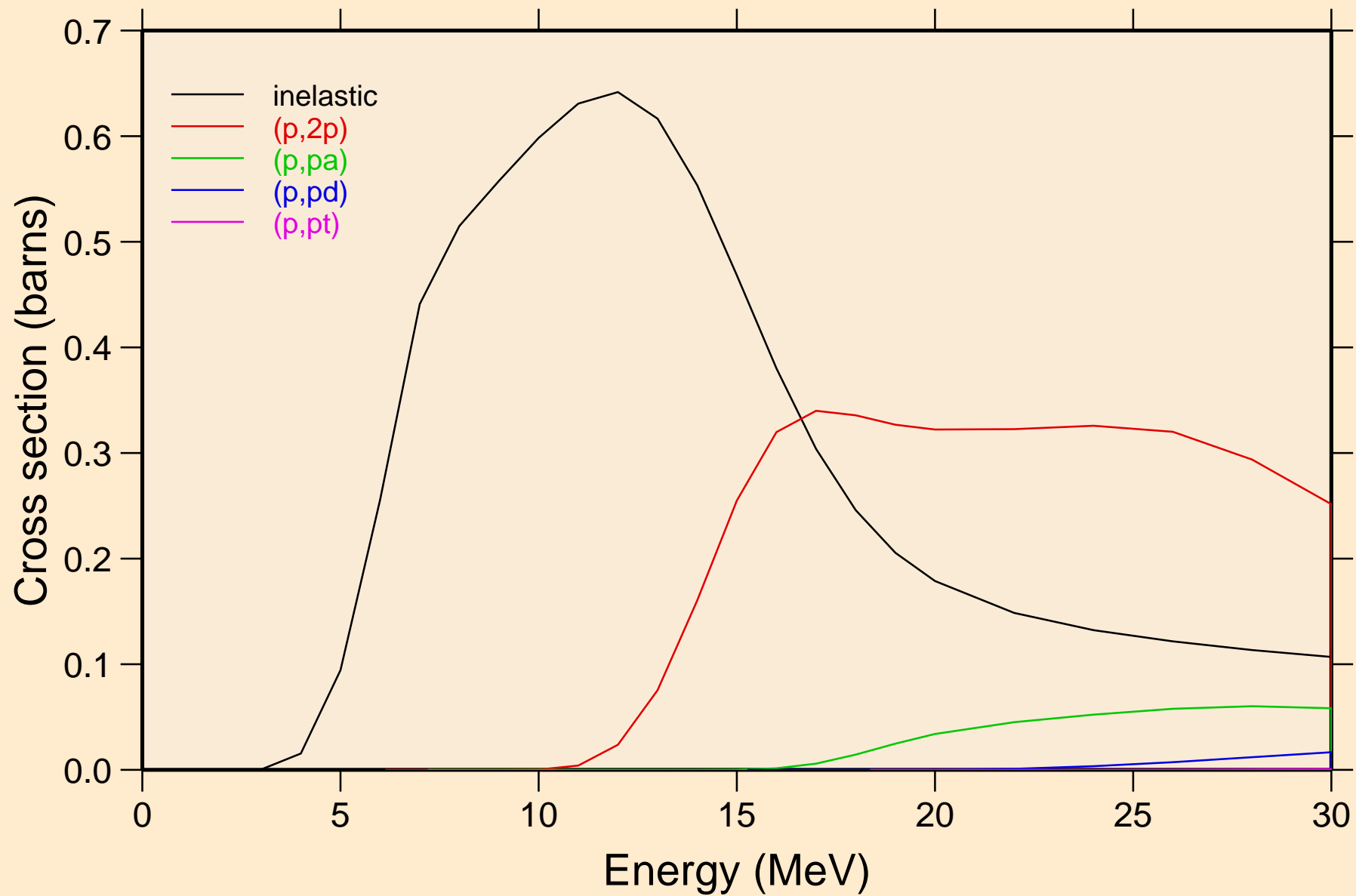


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

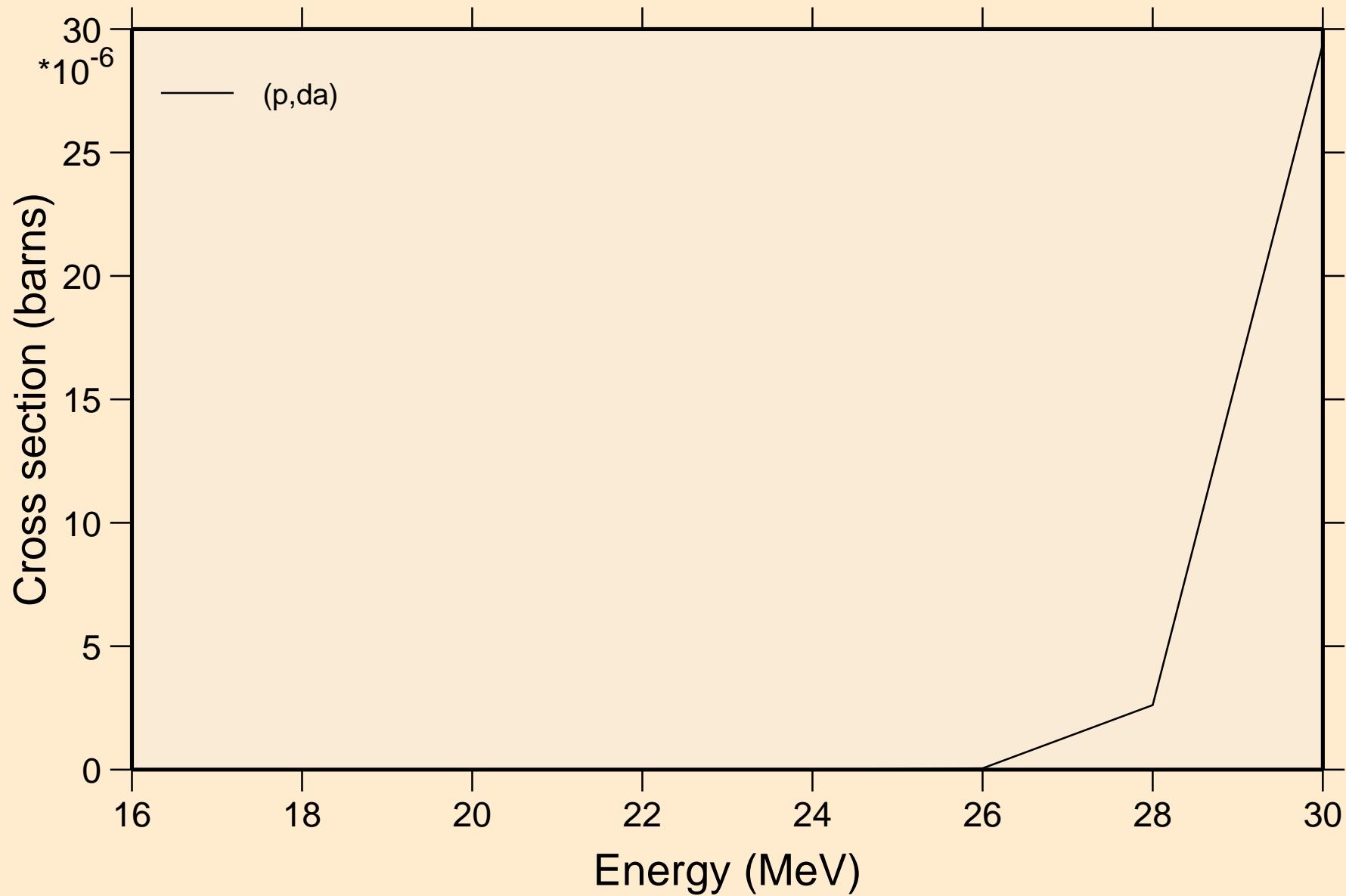


# CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K

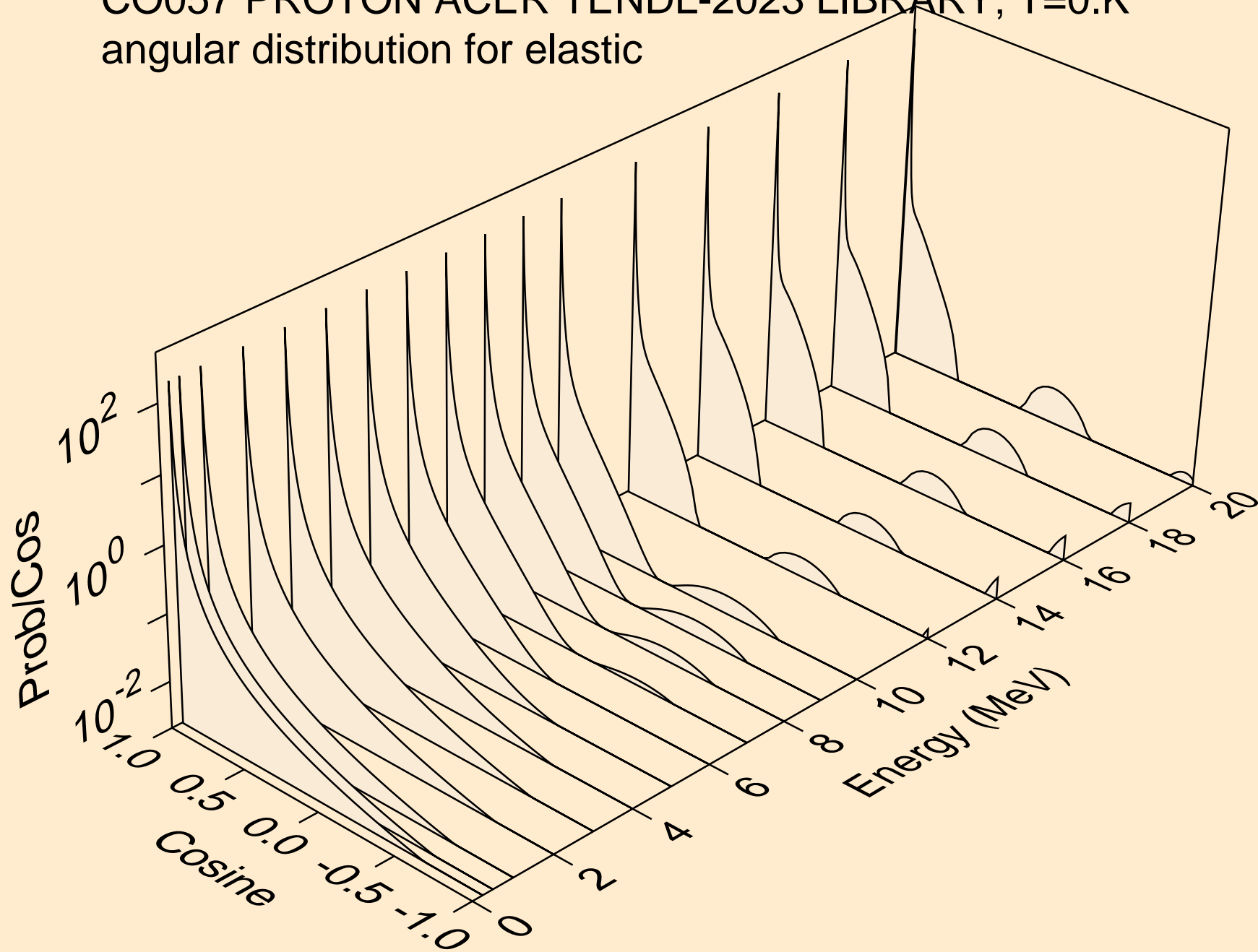
## Threshold reactions



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

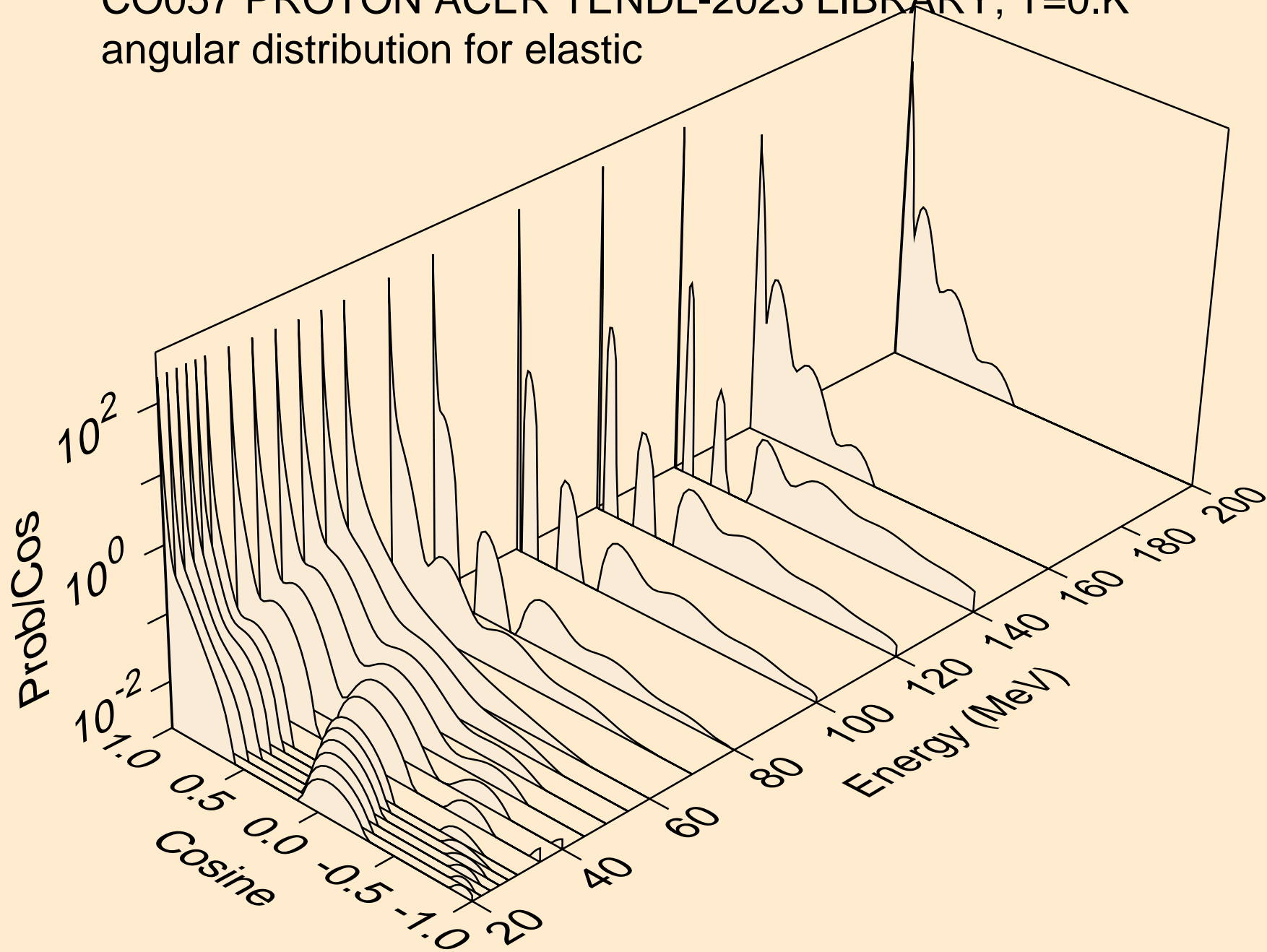


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

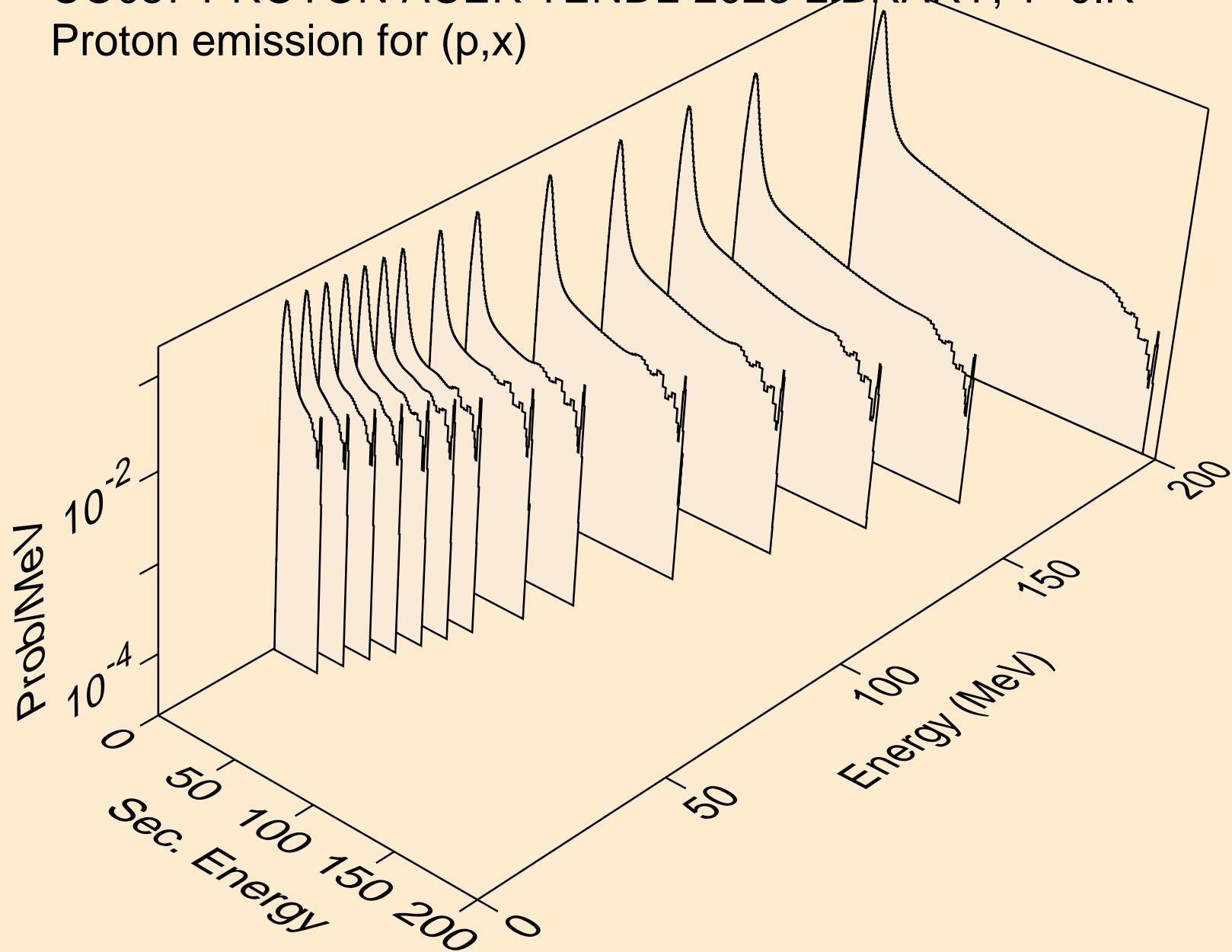




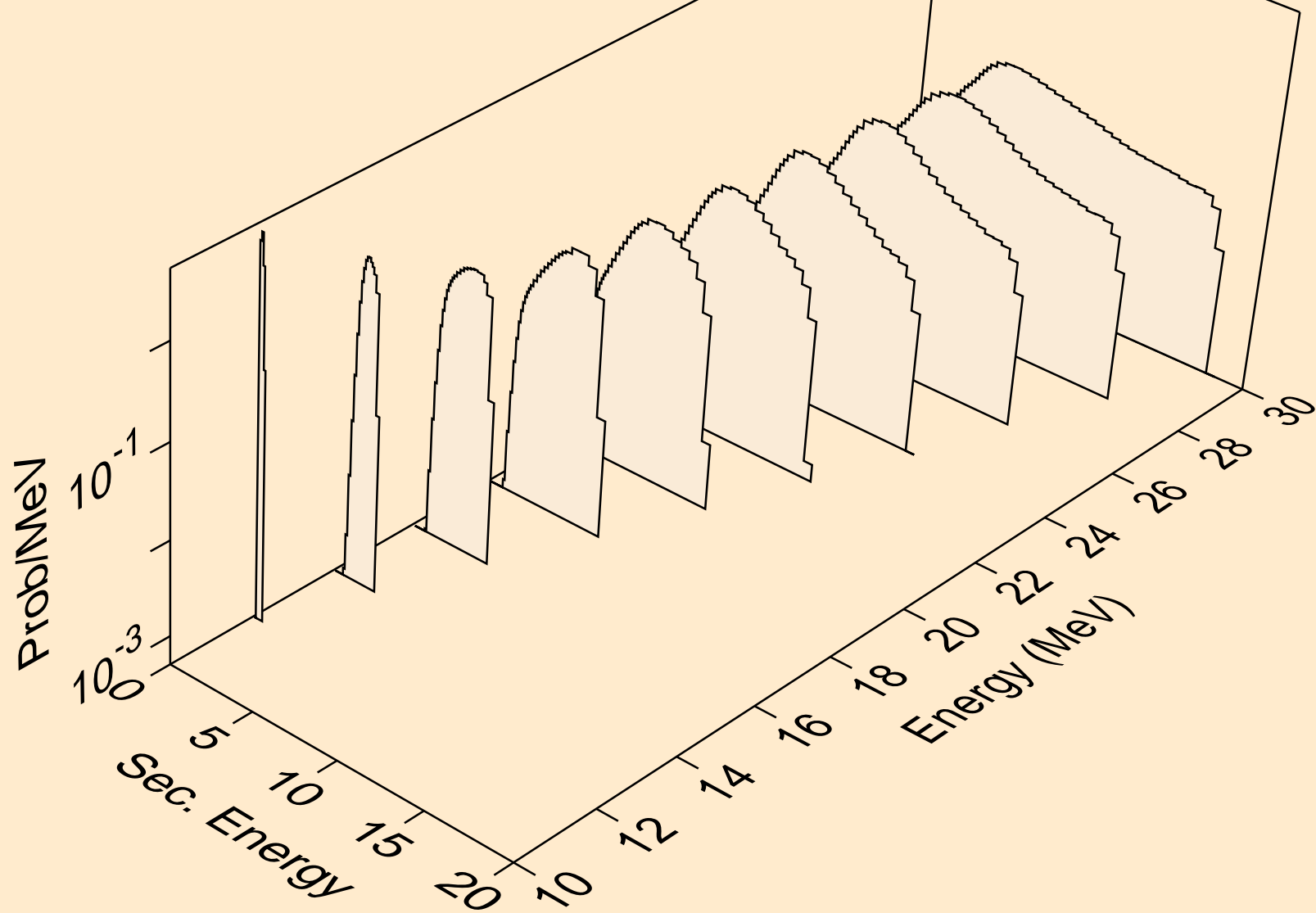
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



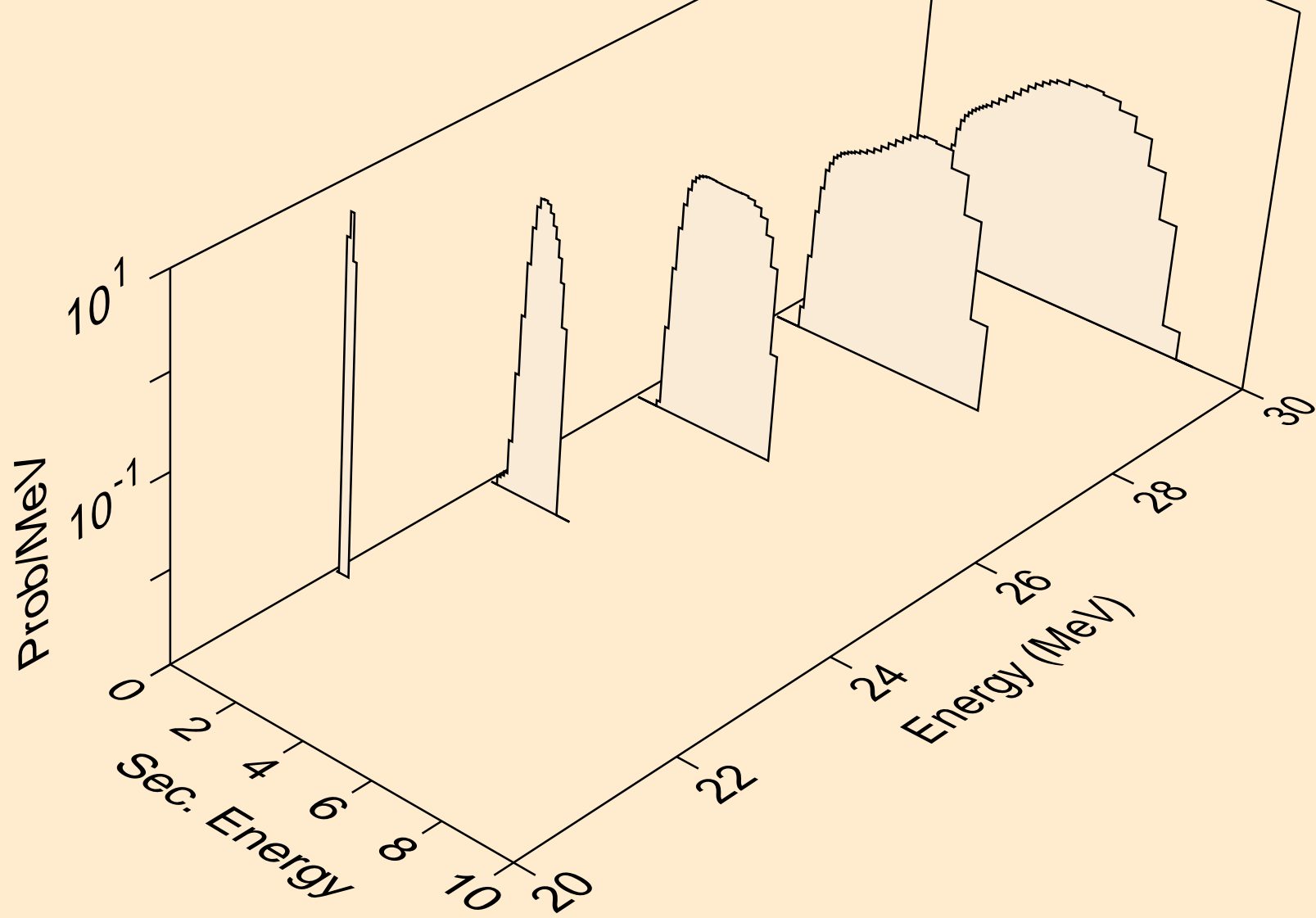
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



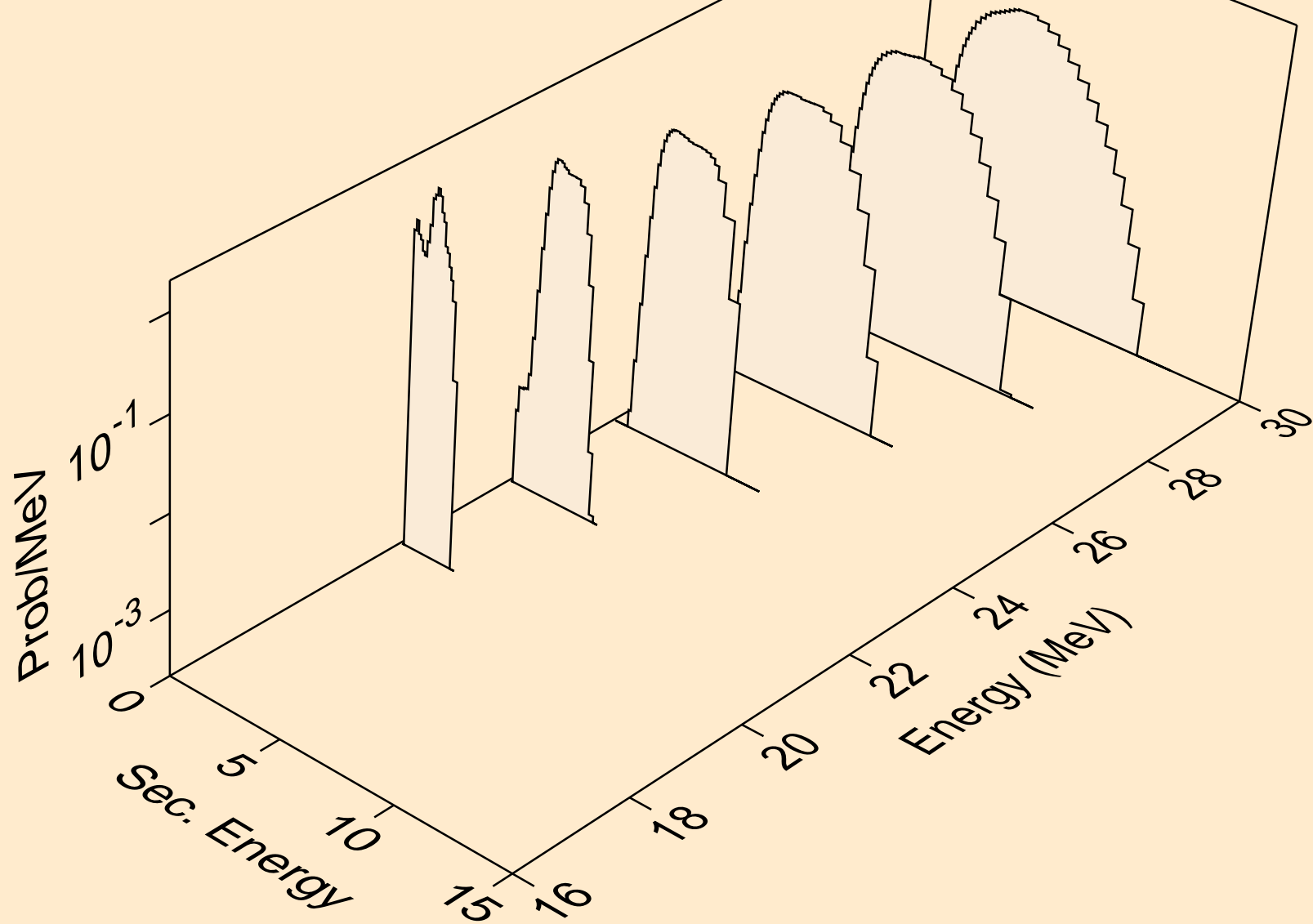
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



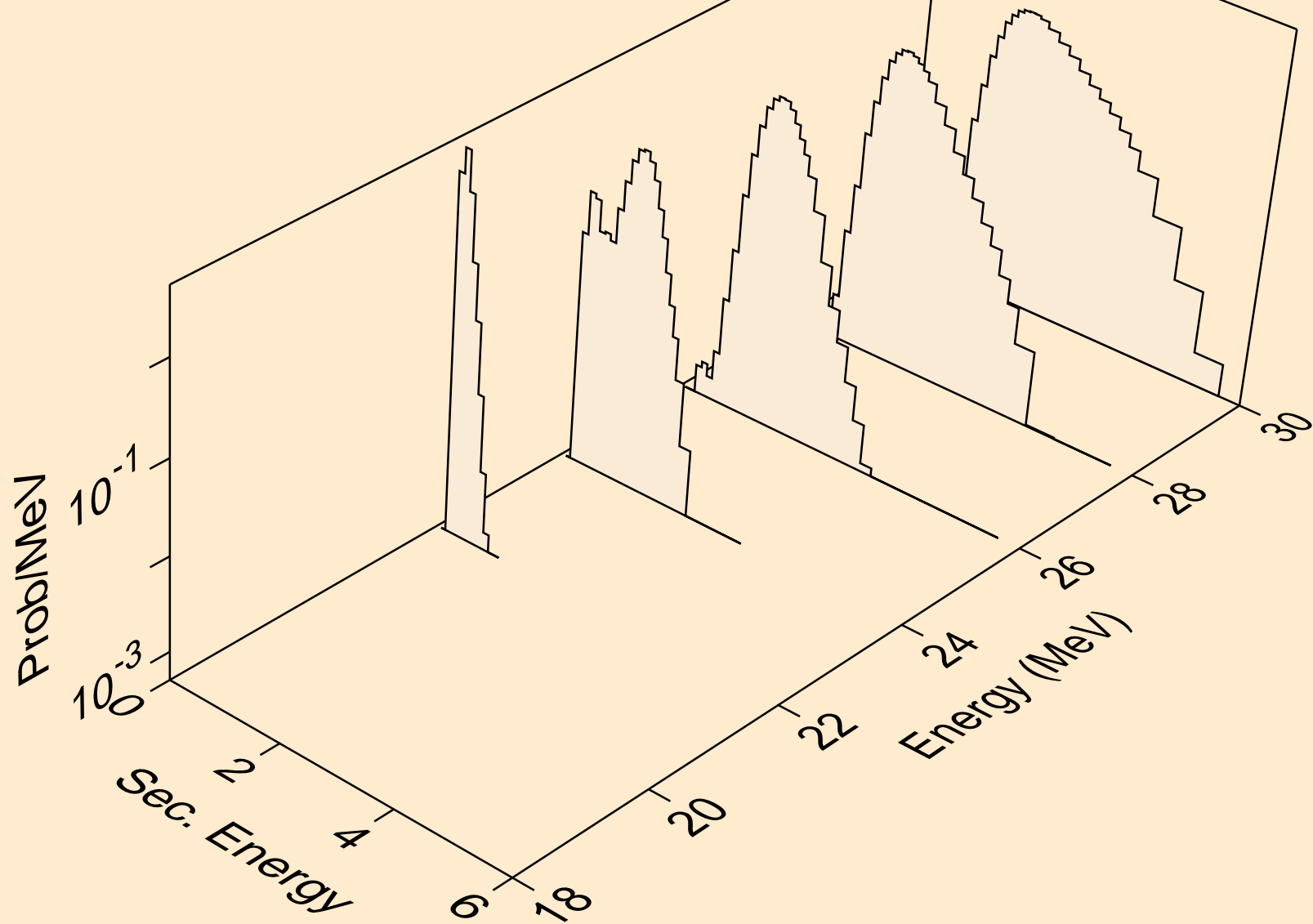
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



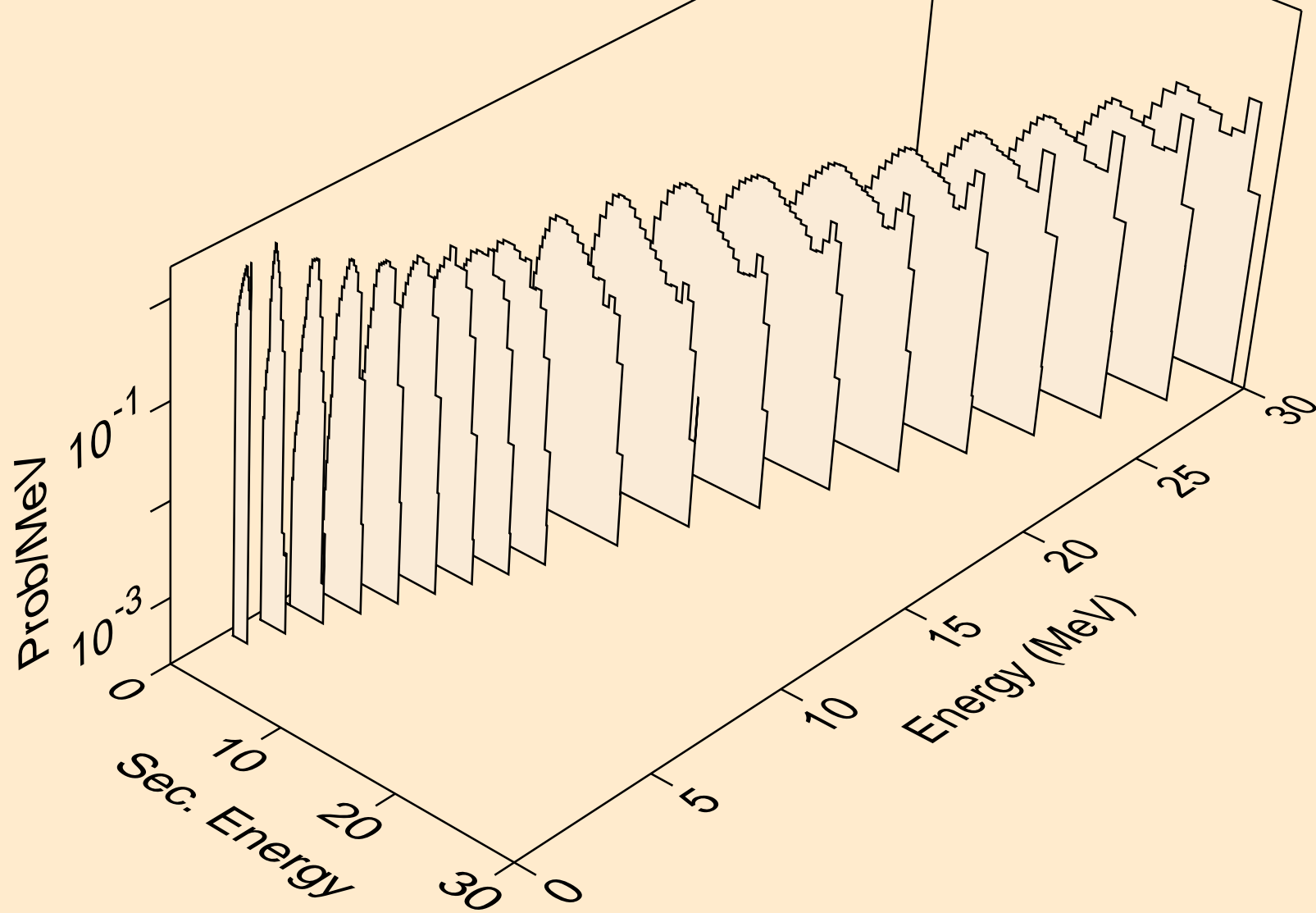
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



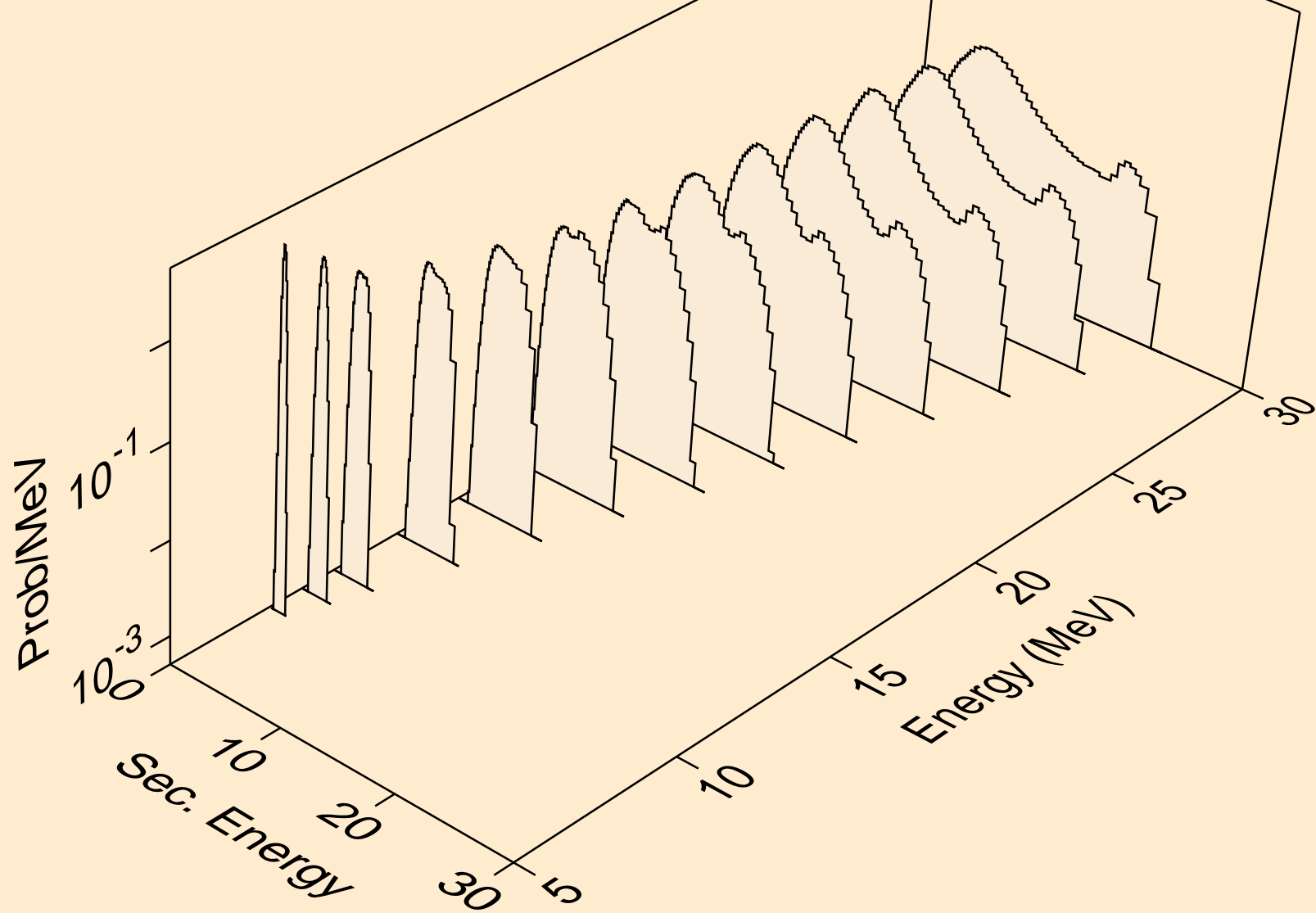
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

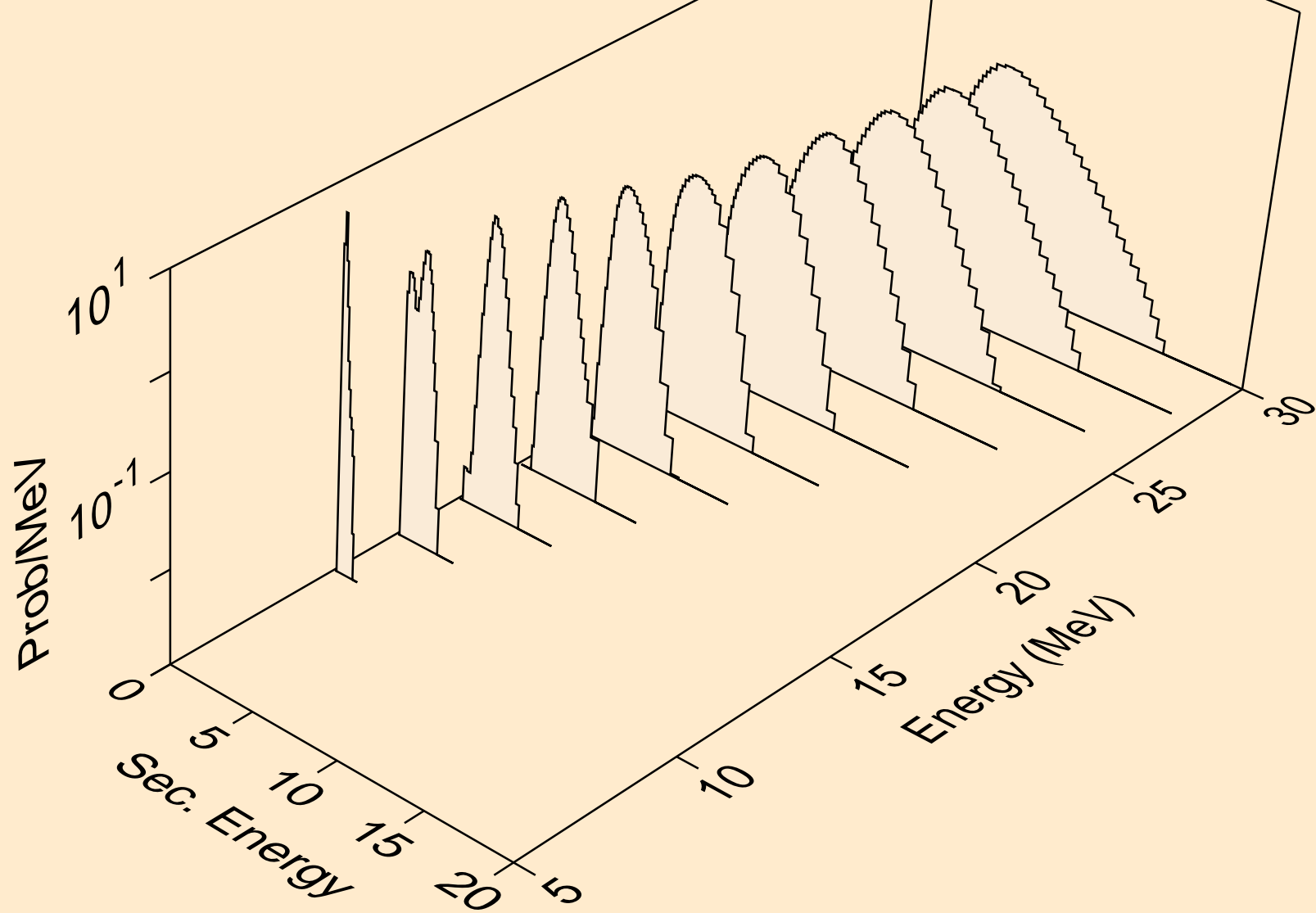


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

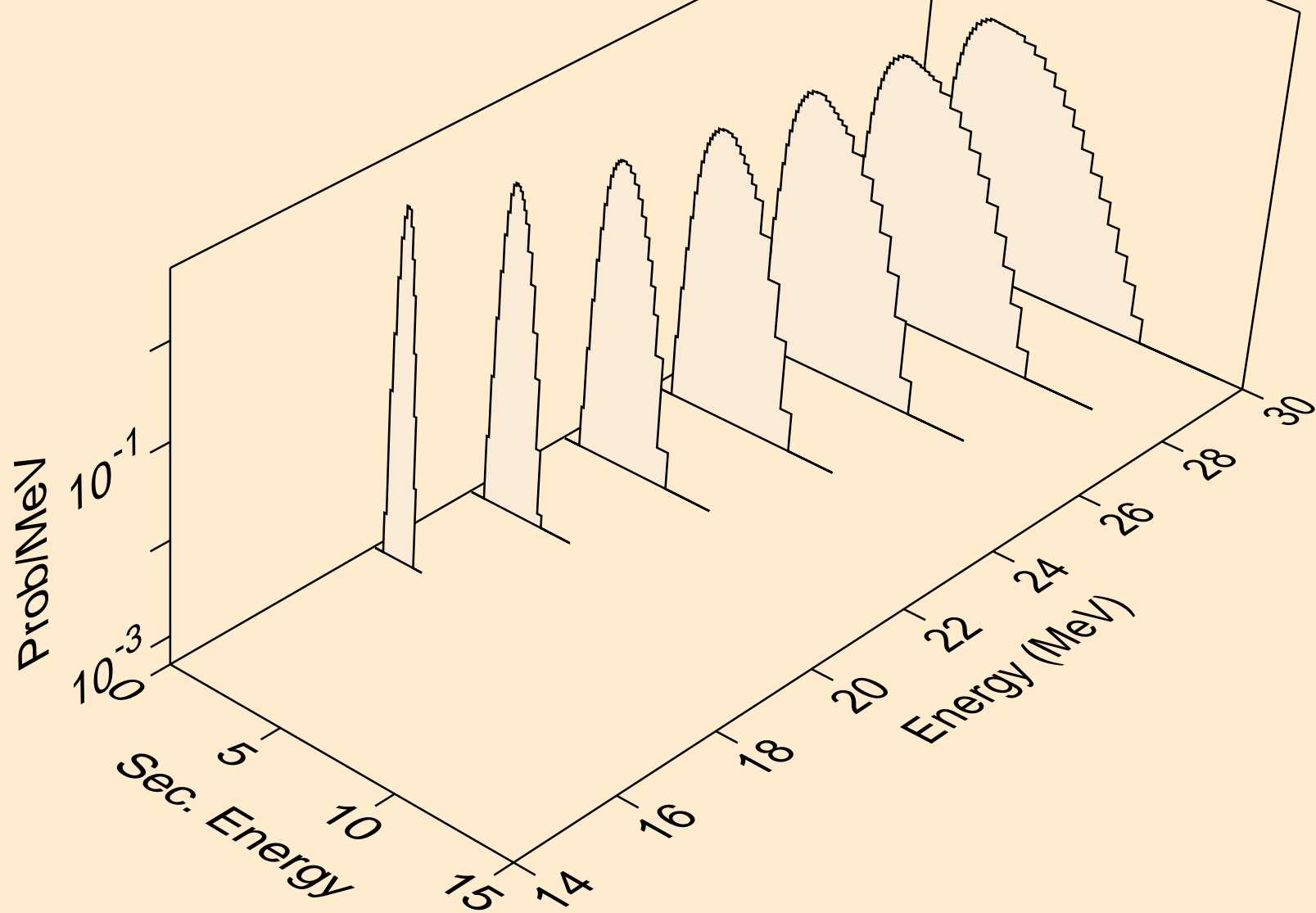




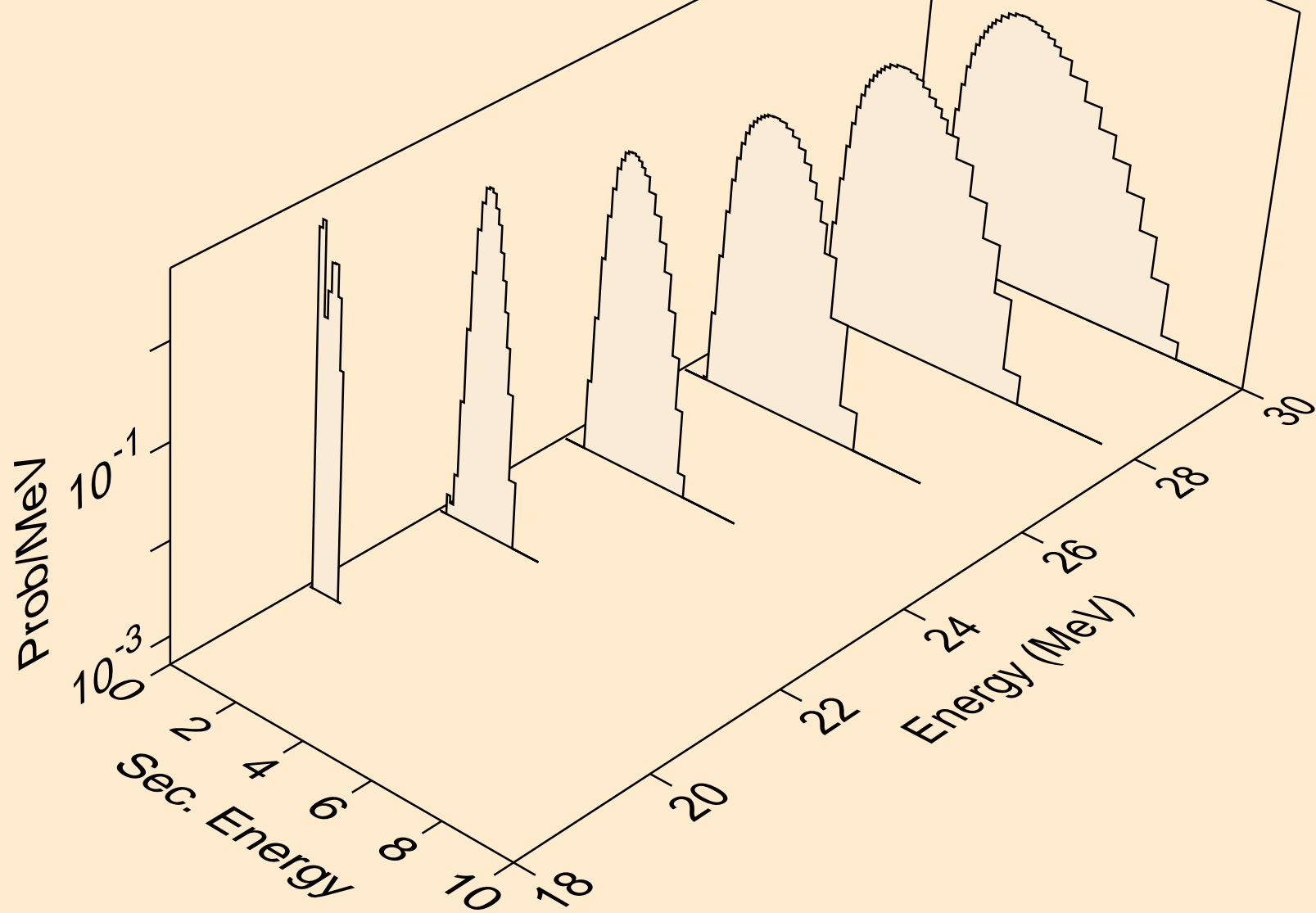
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



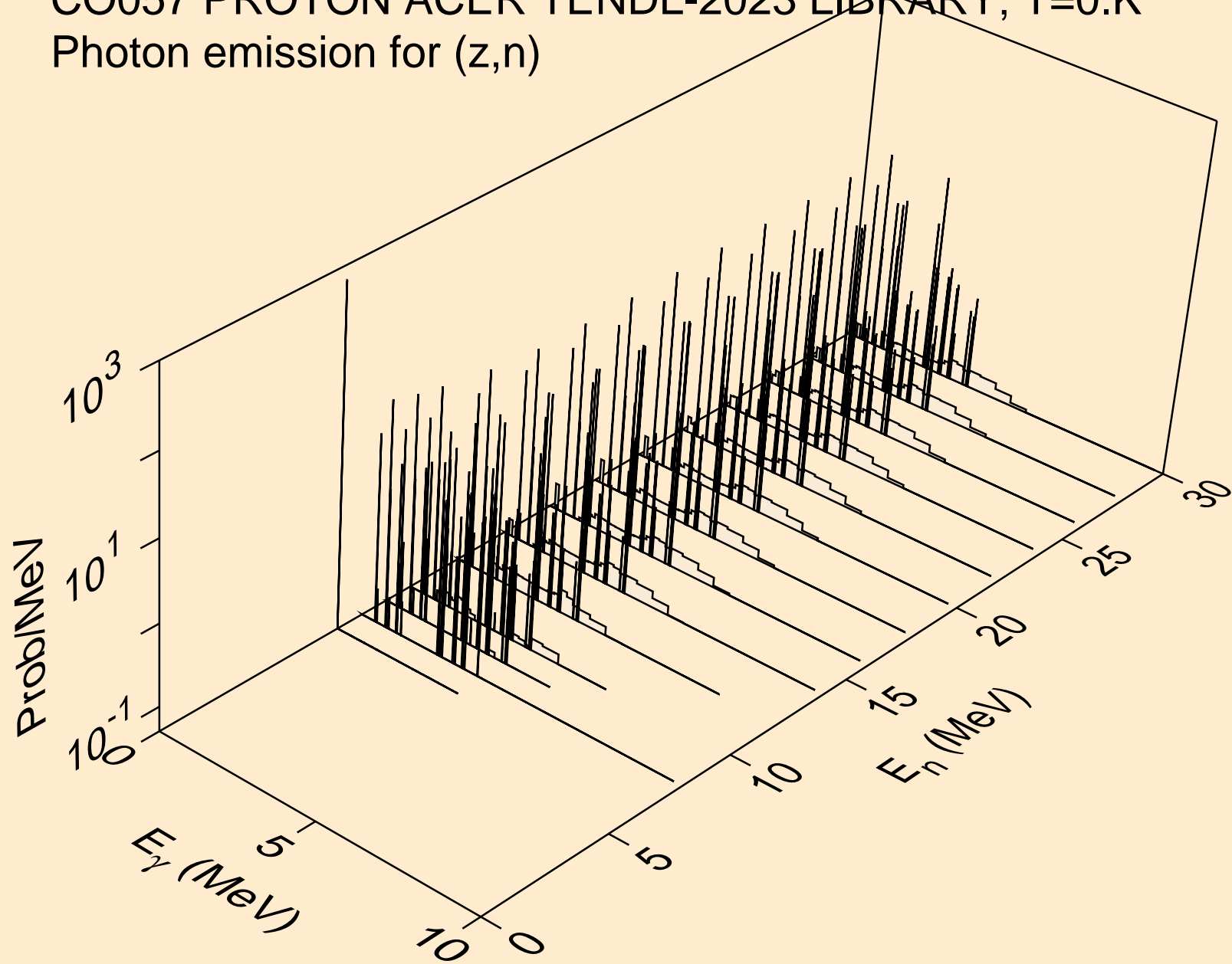
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



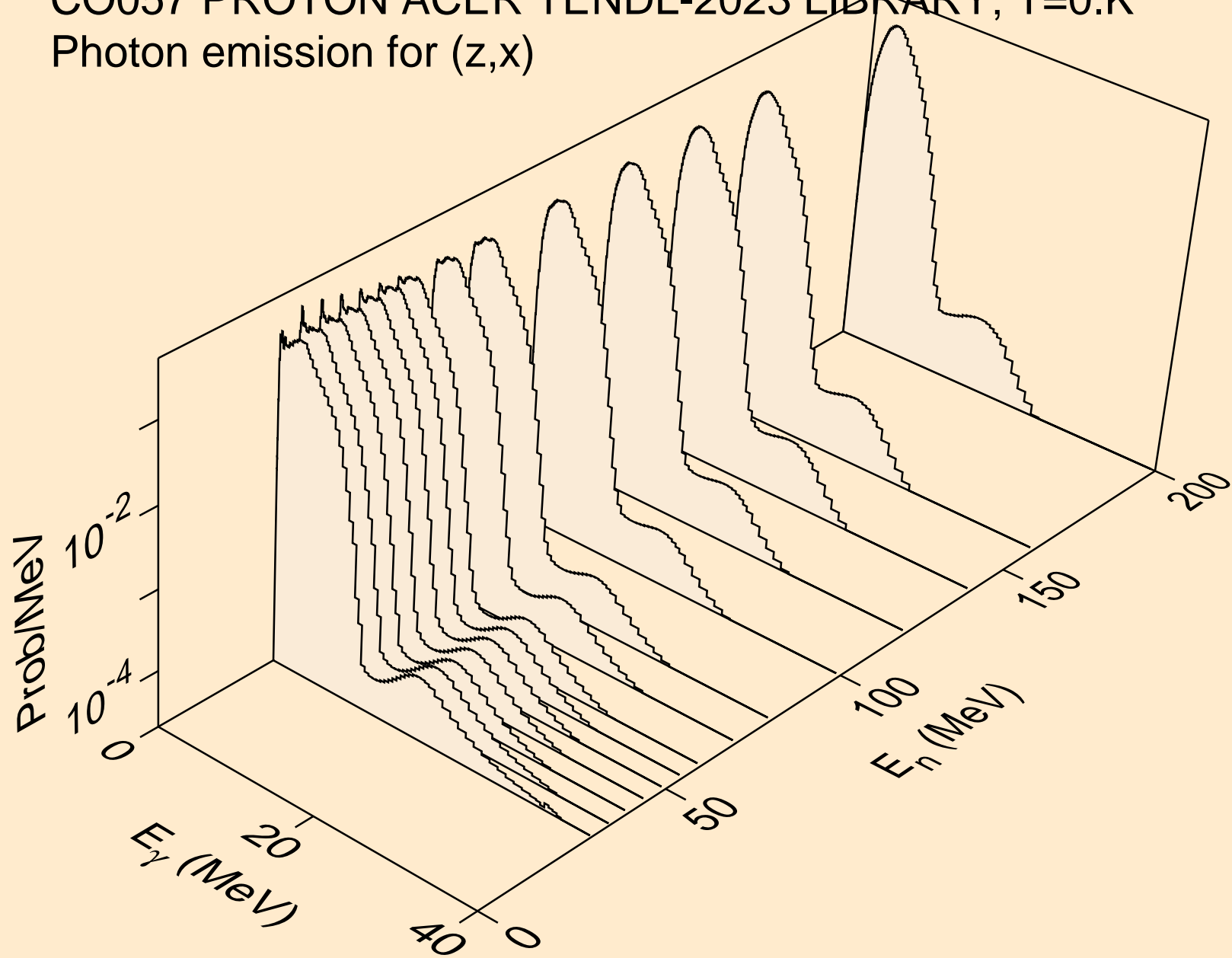
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



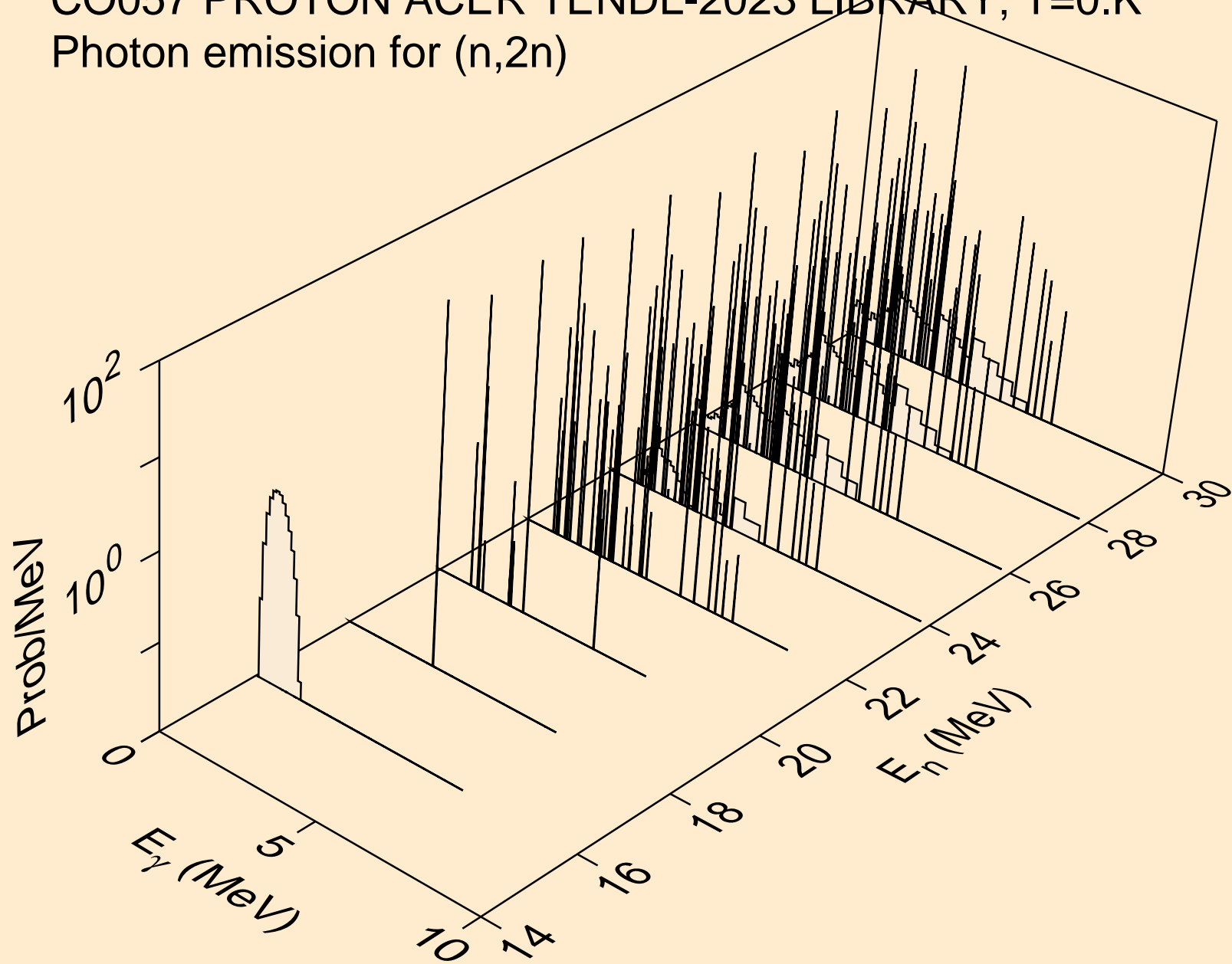
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



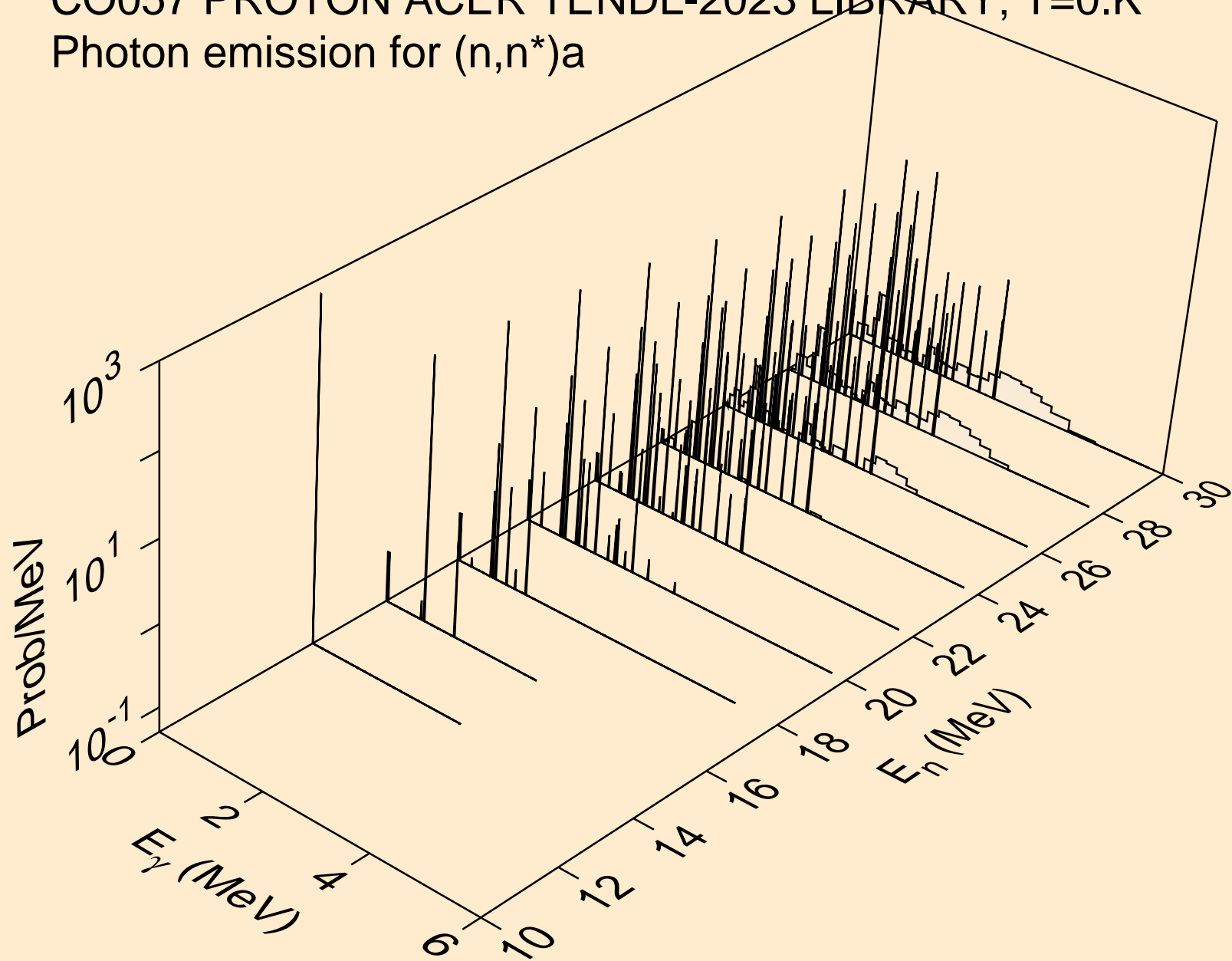
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



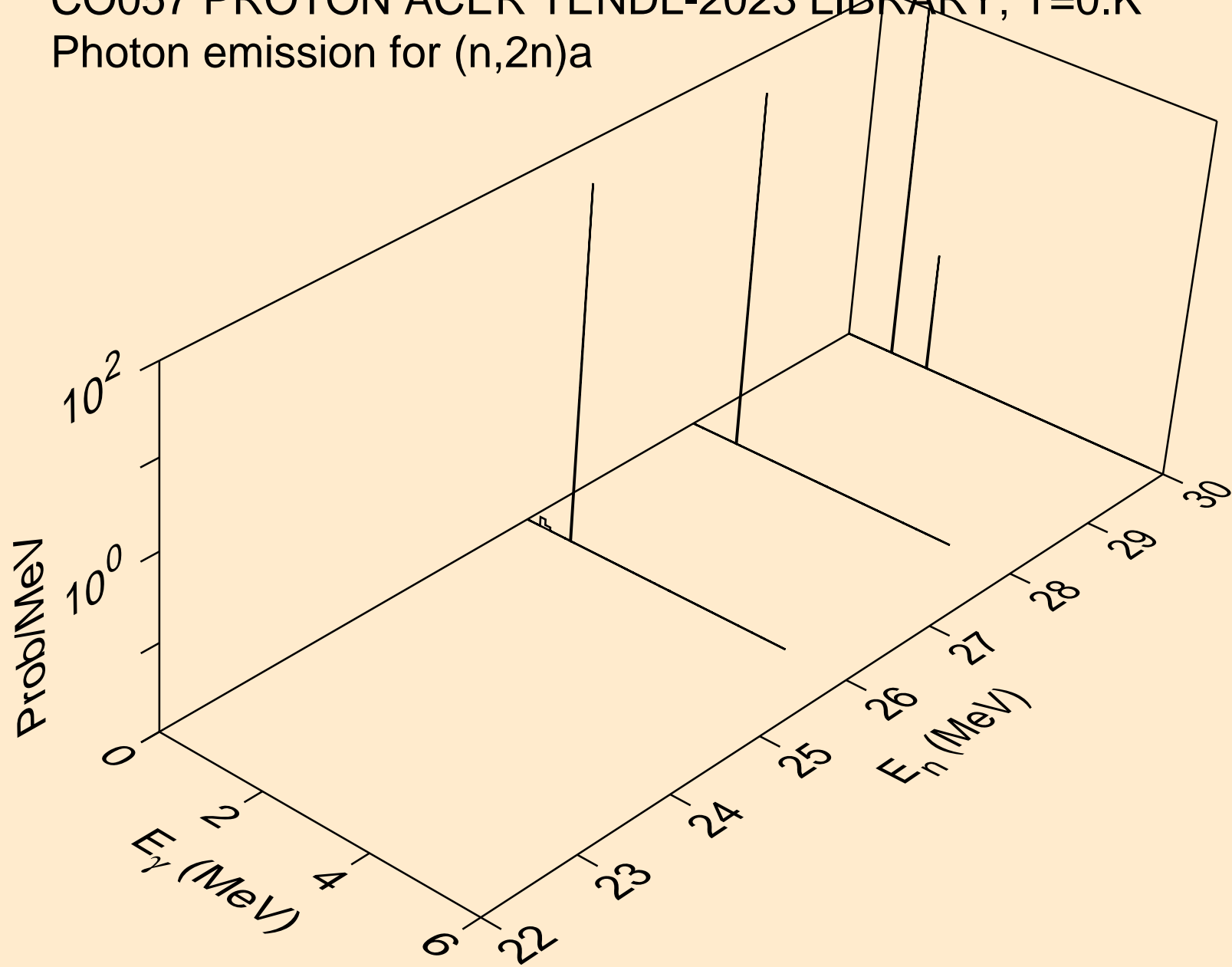
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

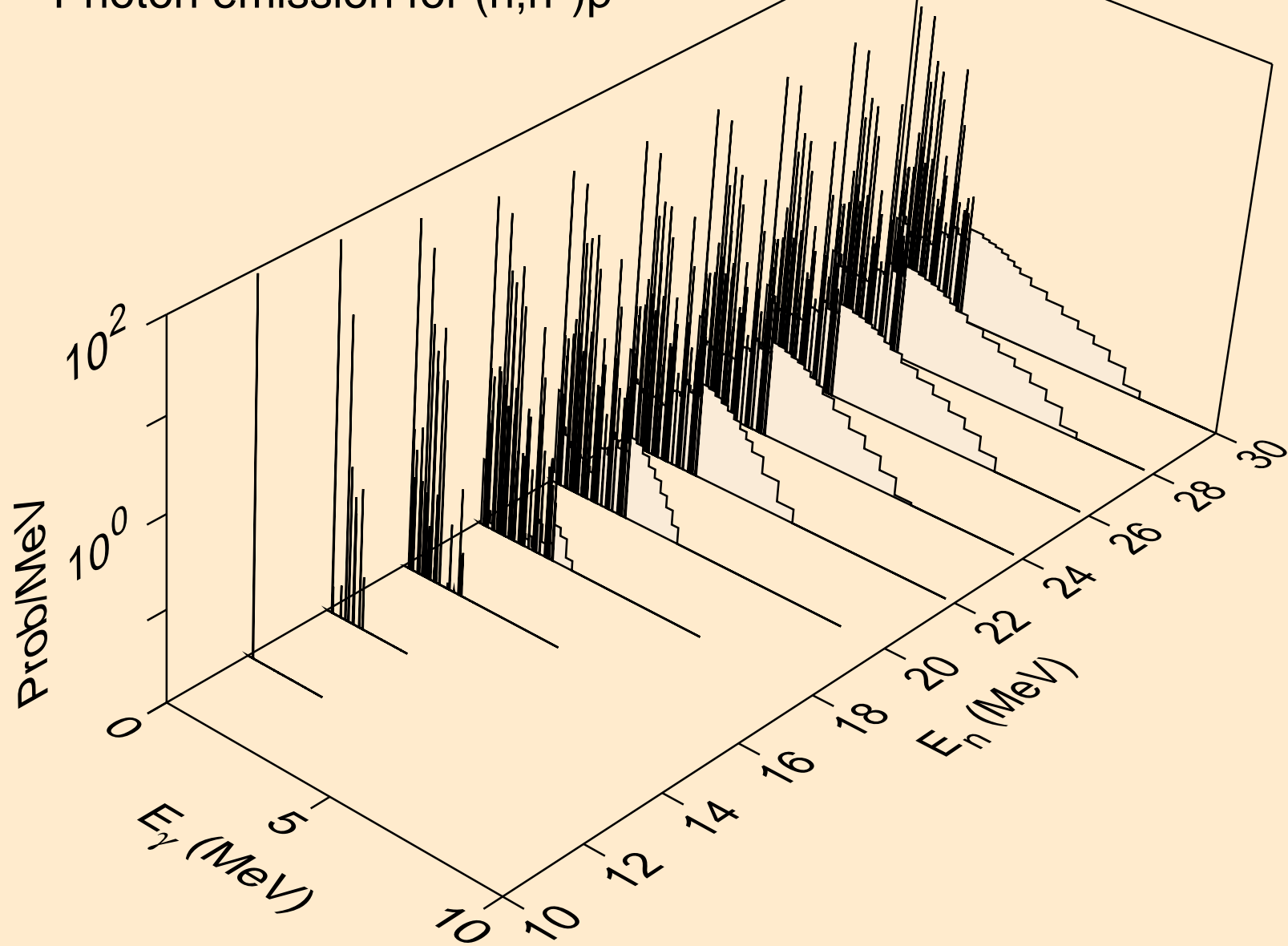


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

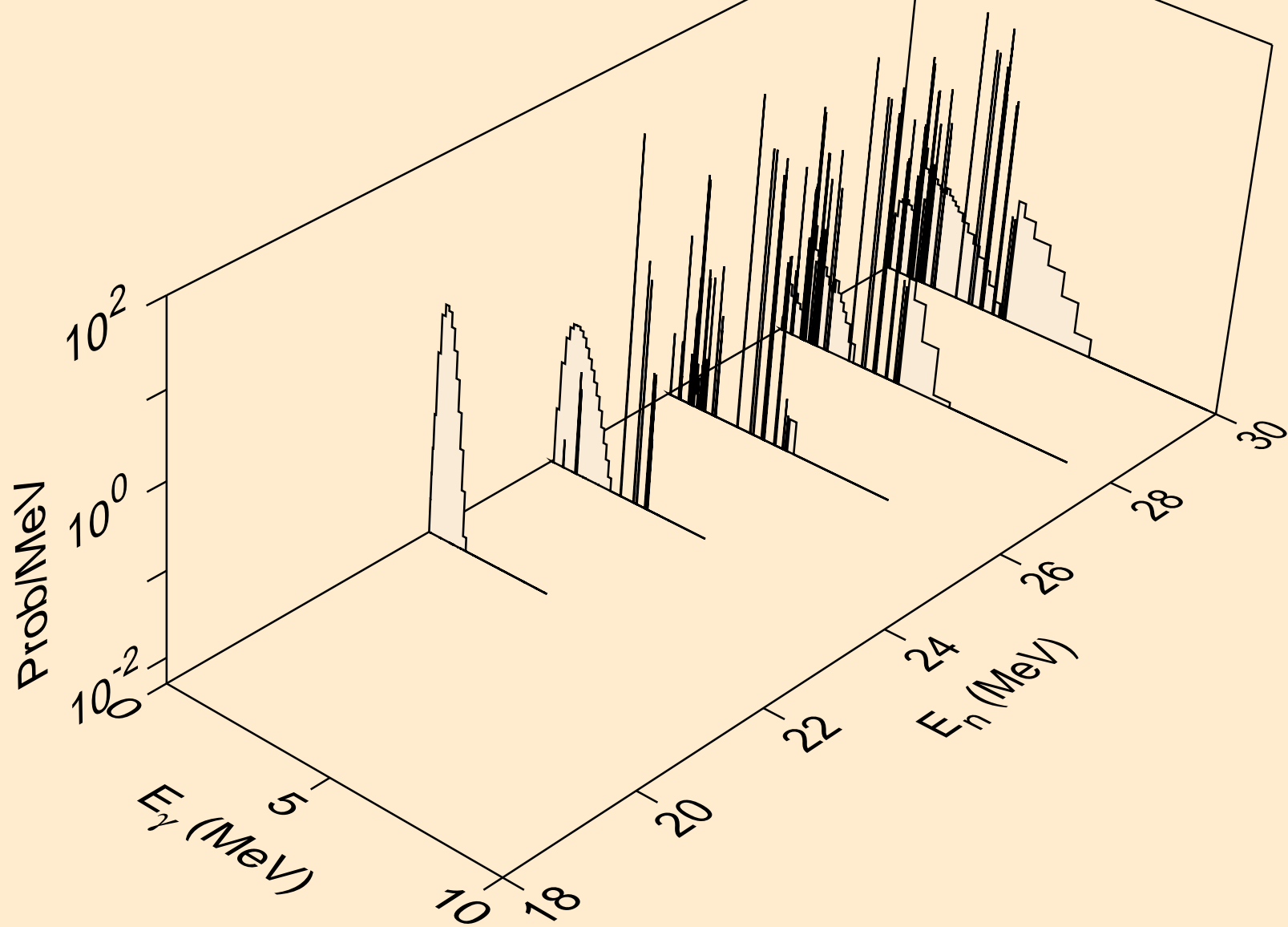




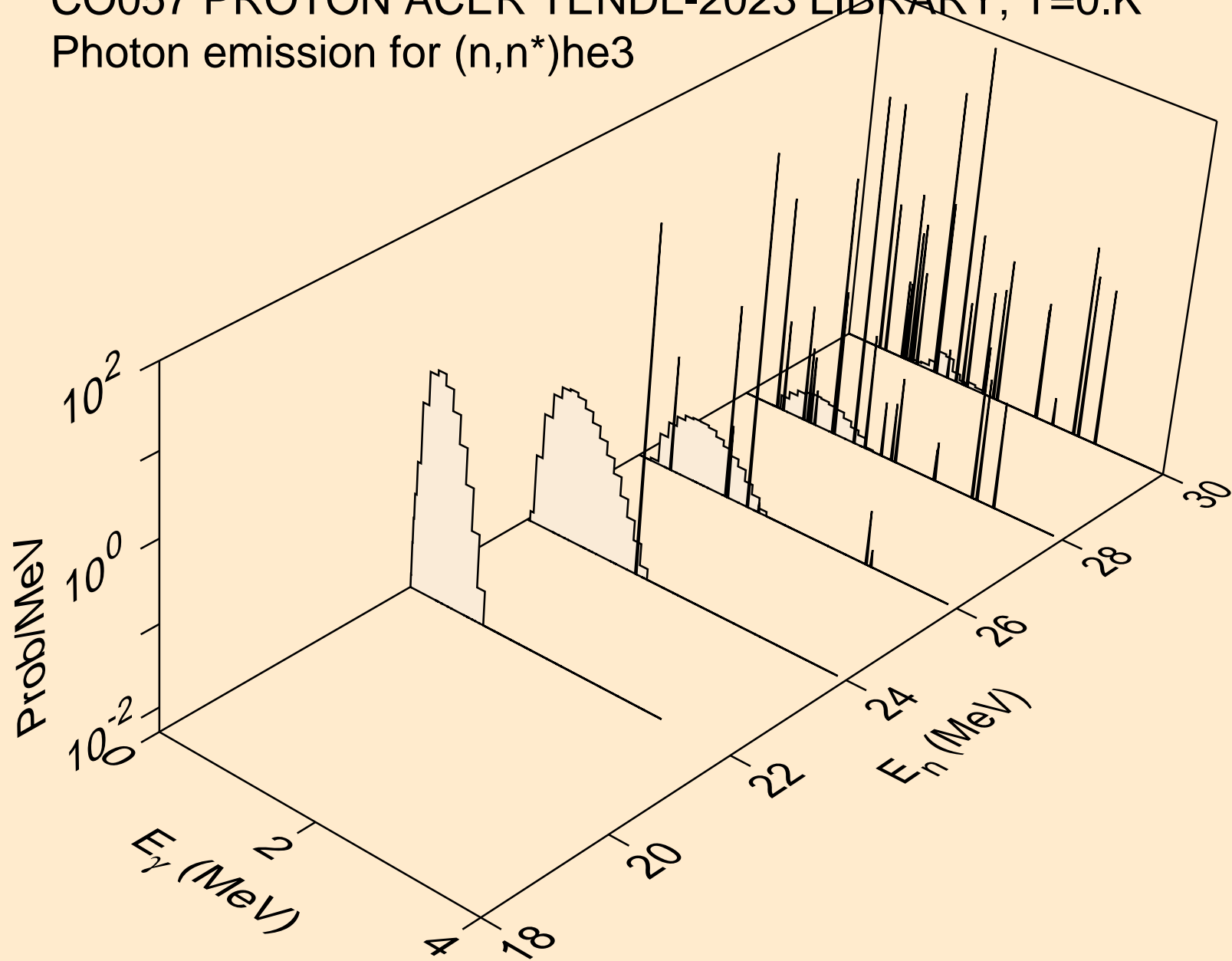
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



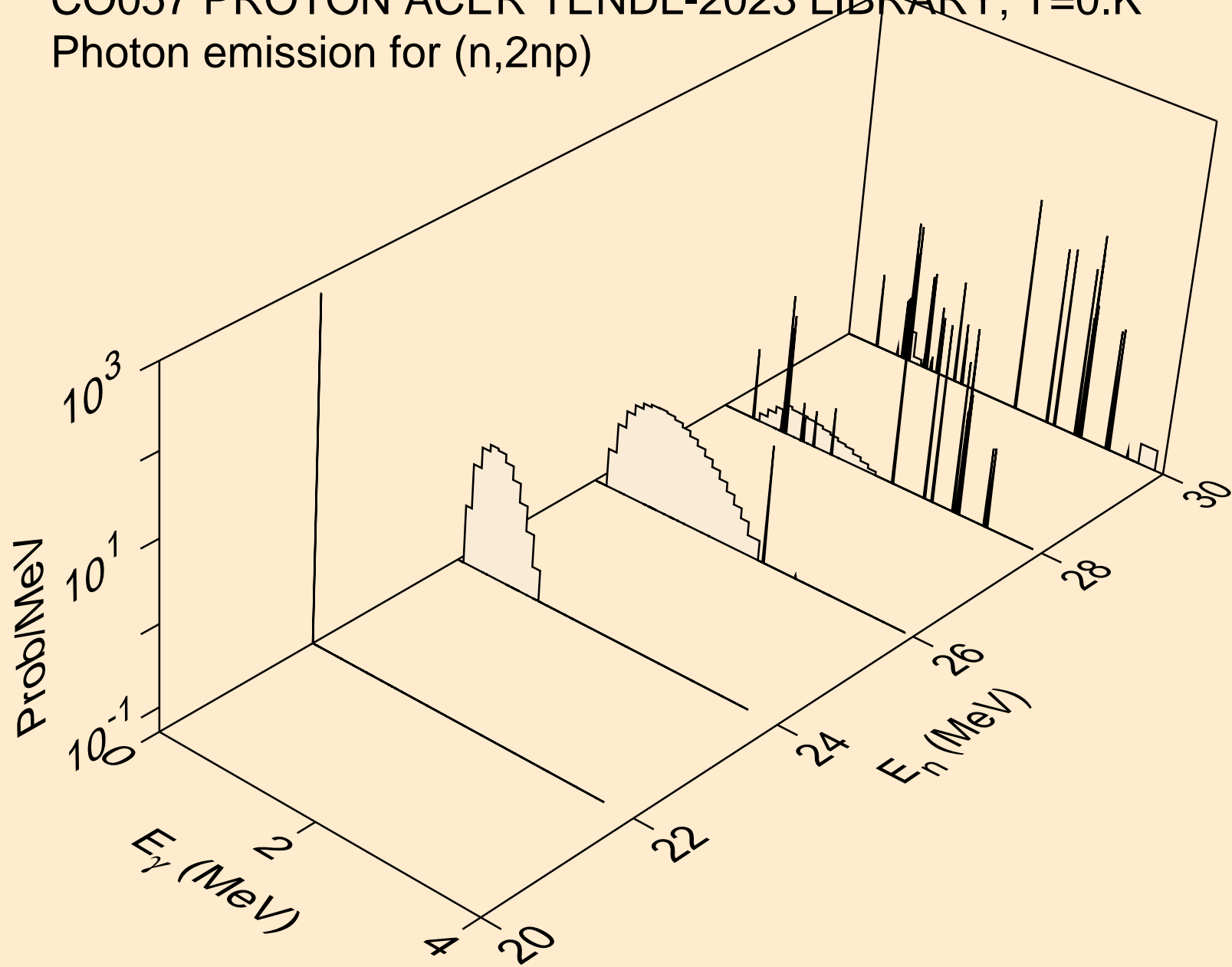
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



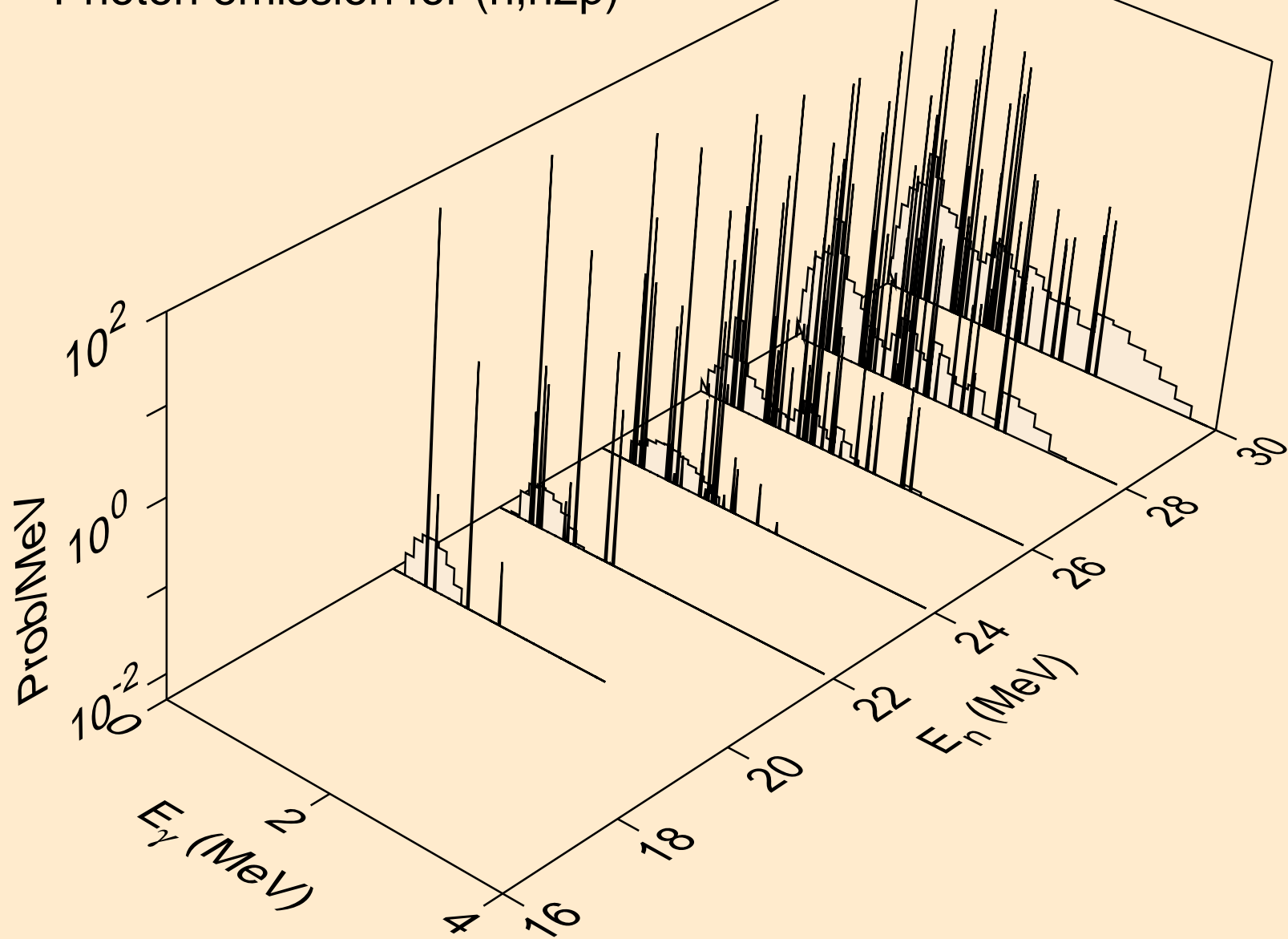
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



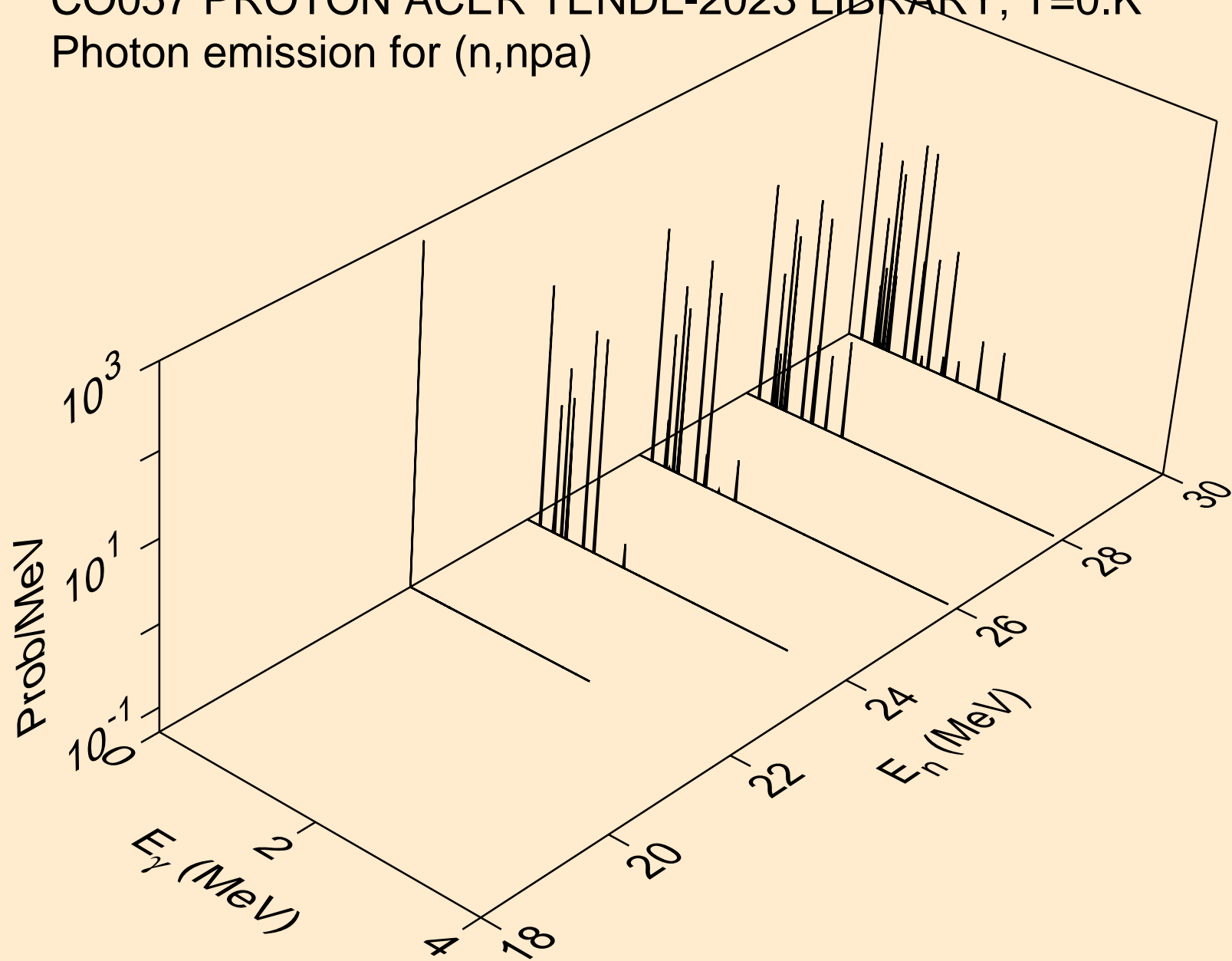
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



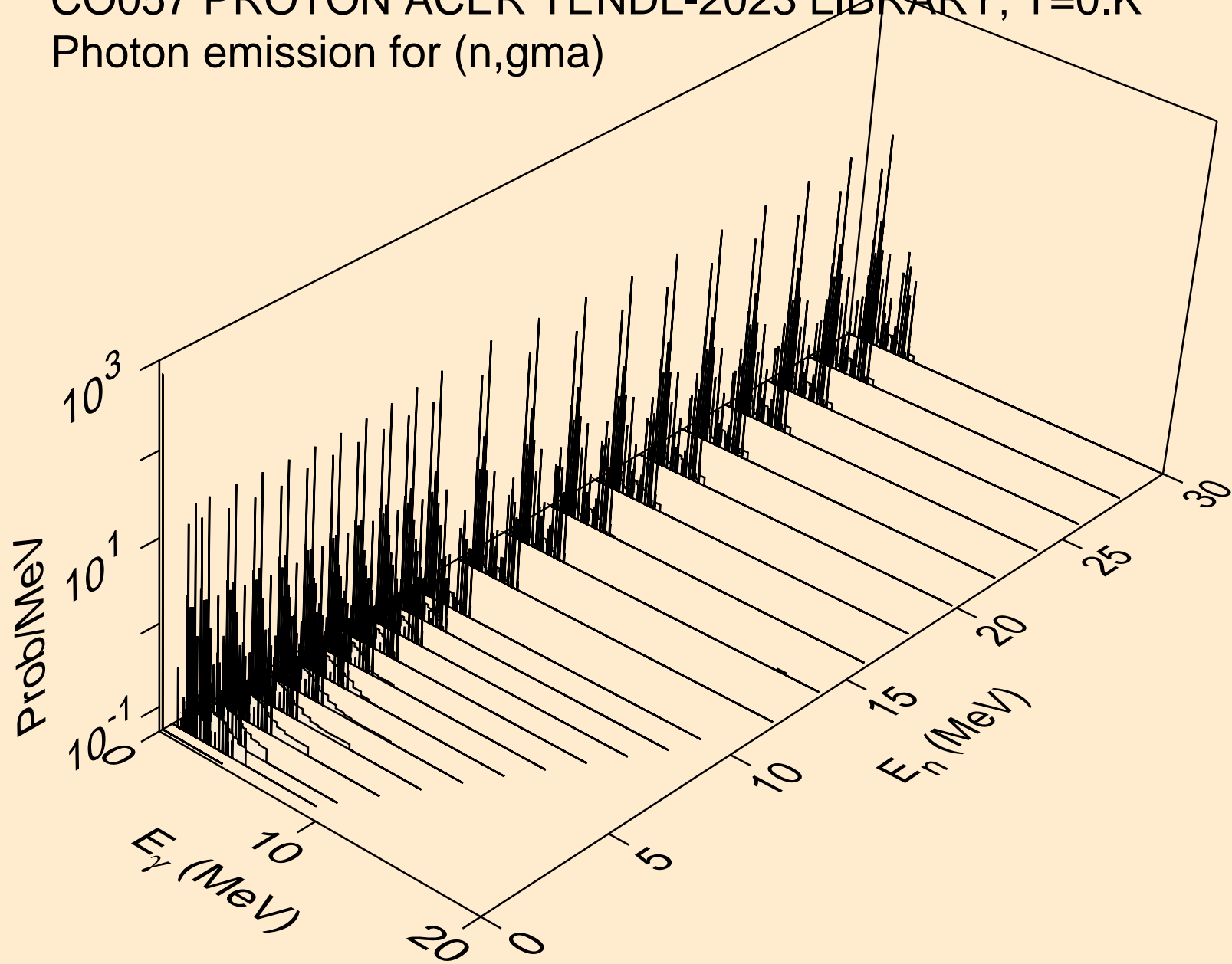
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Photon emission for (n,n2p)



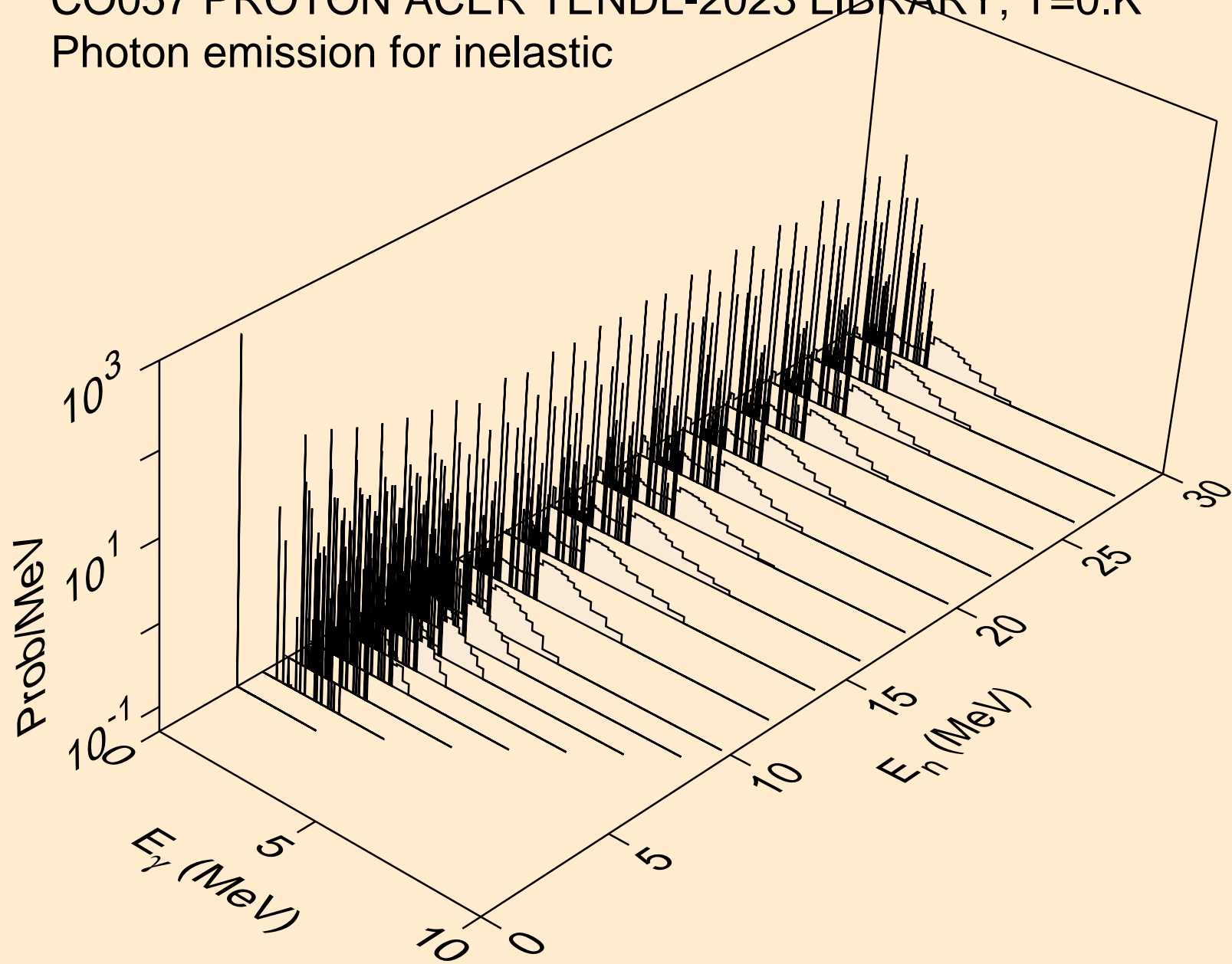
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

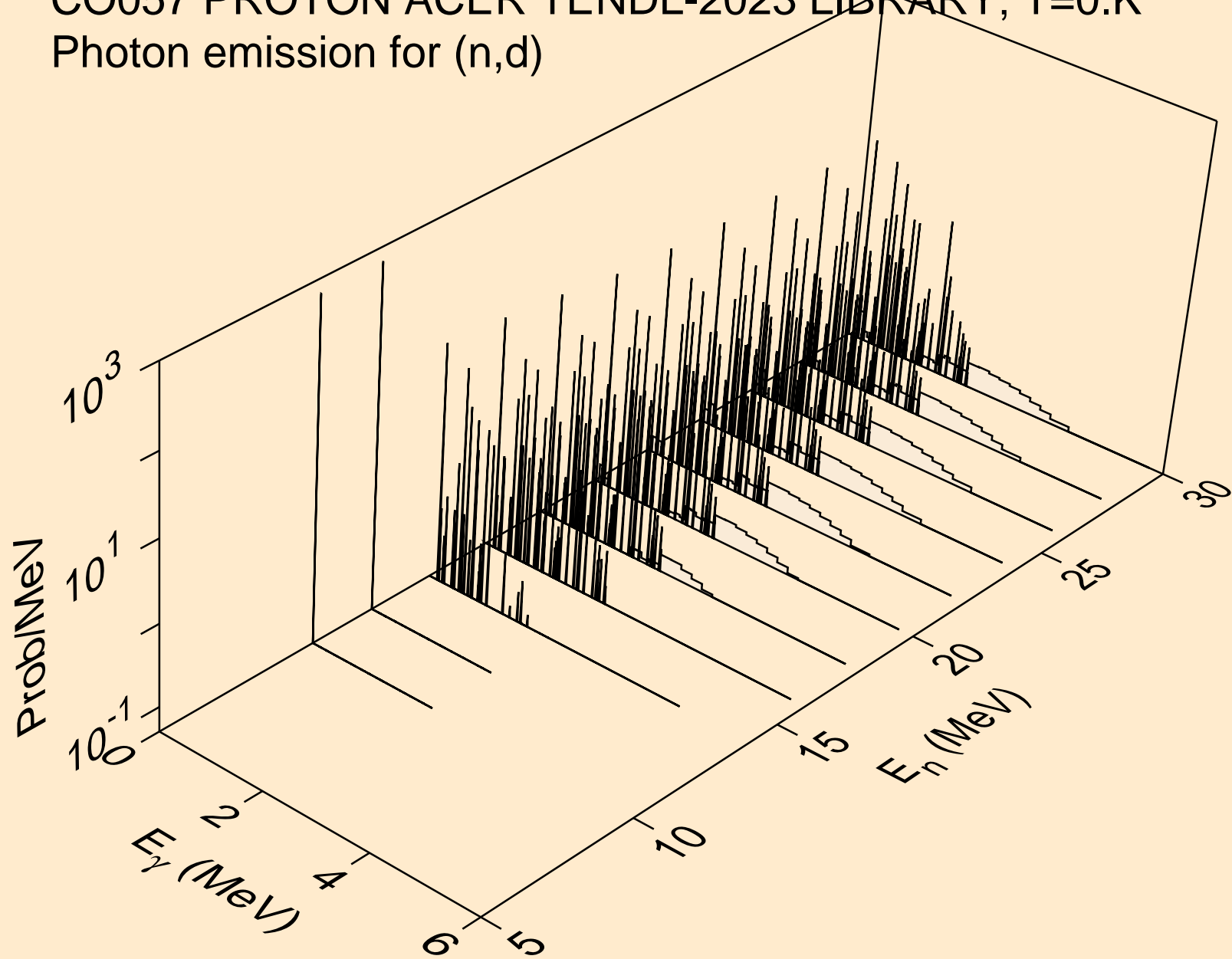


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

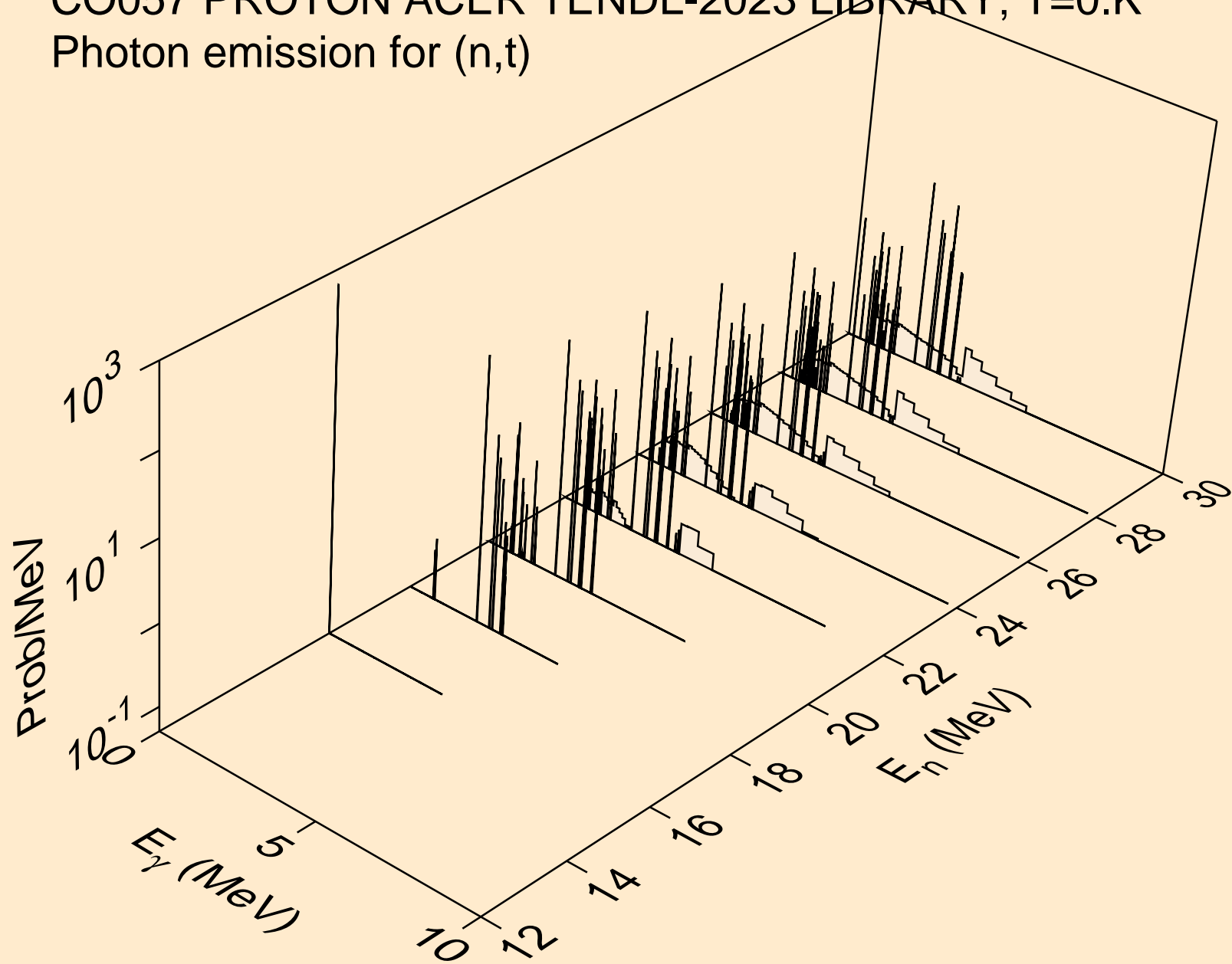




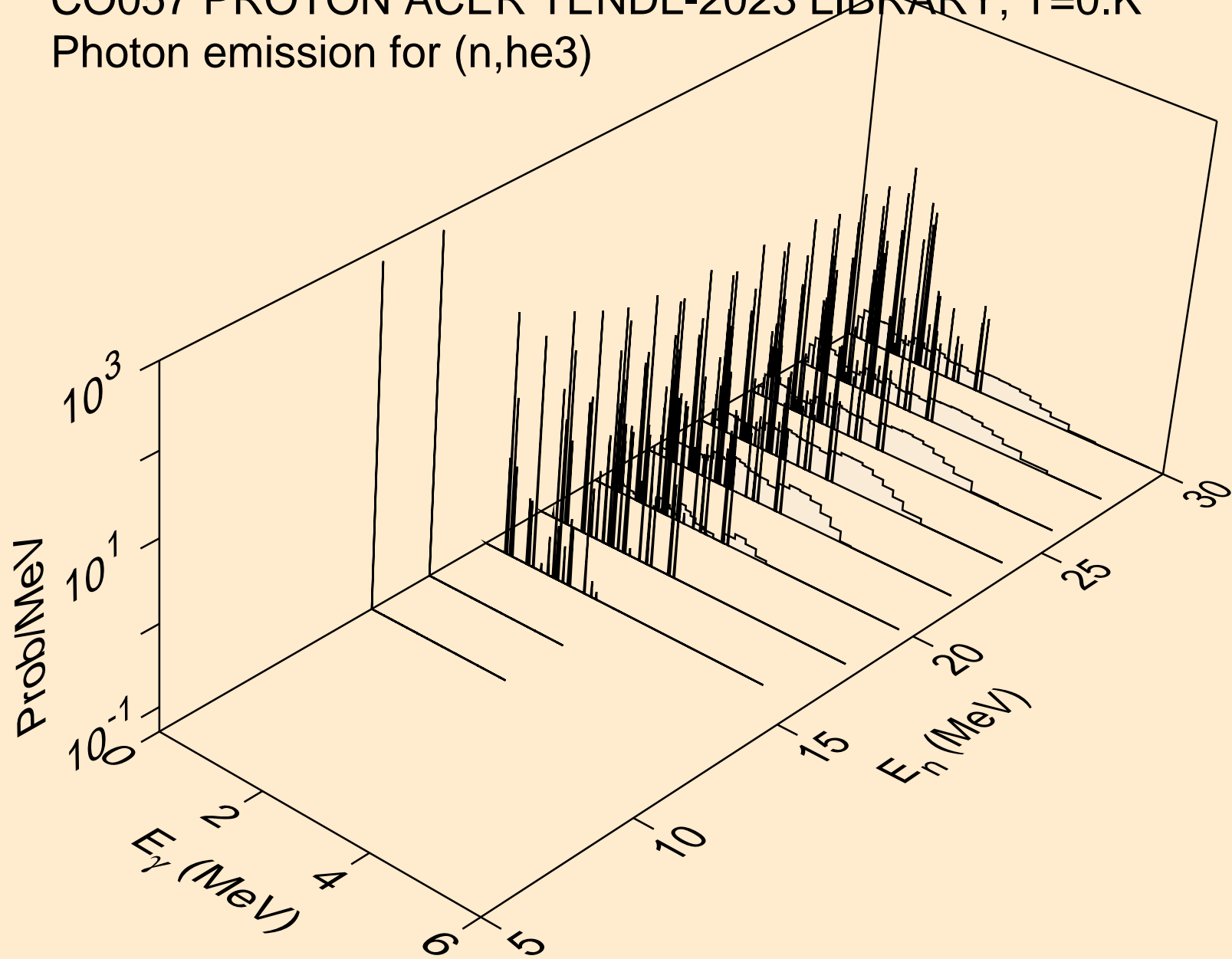
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Photon emission for (n,d)



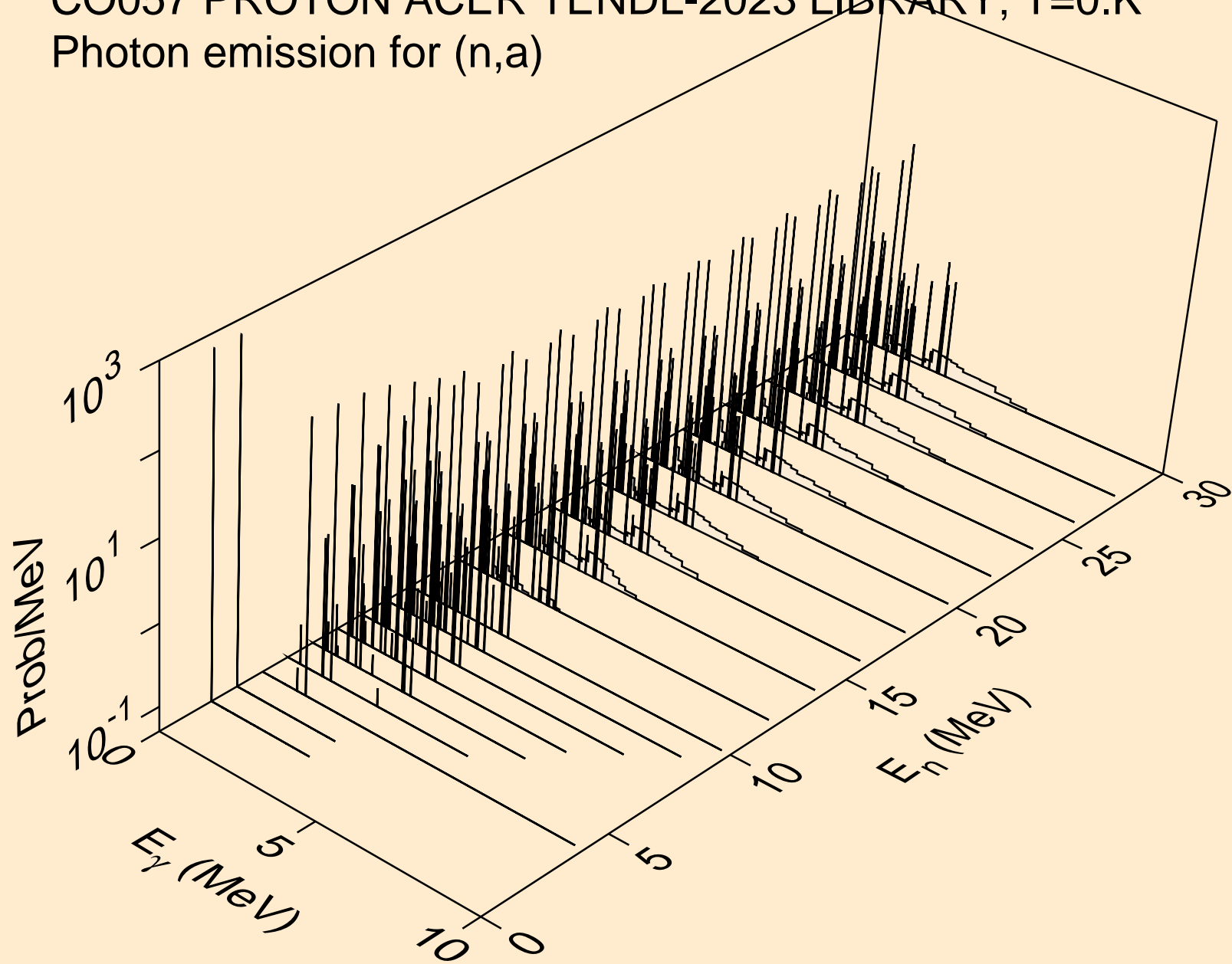
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Photon emission for (n,t)



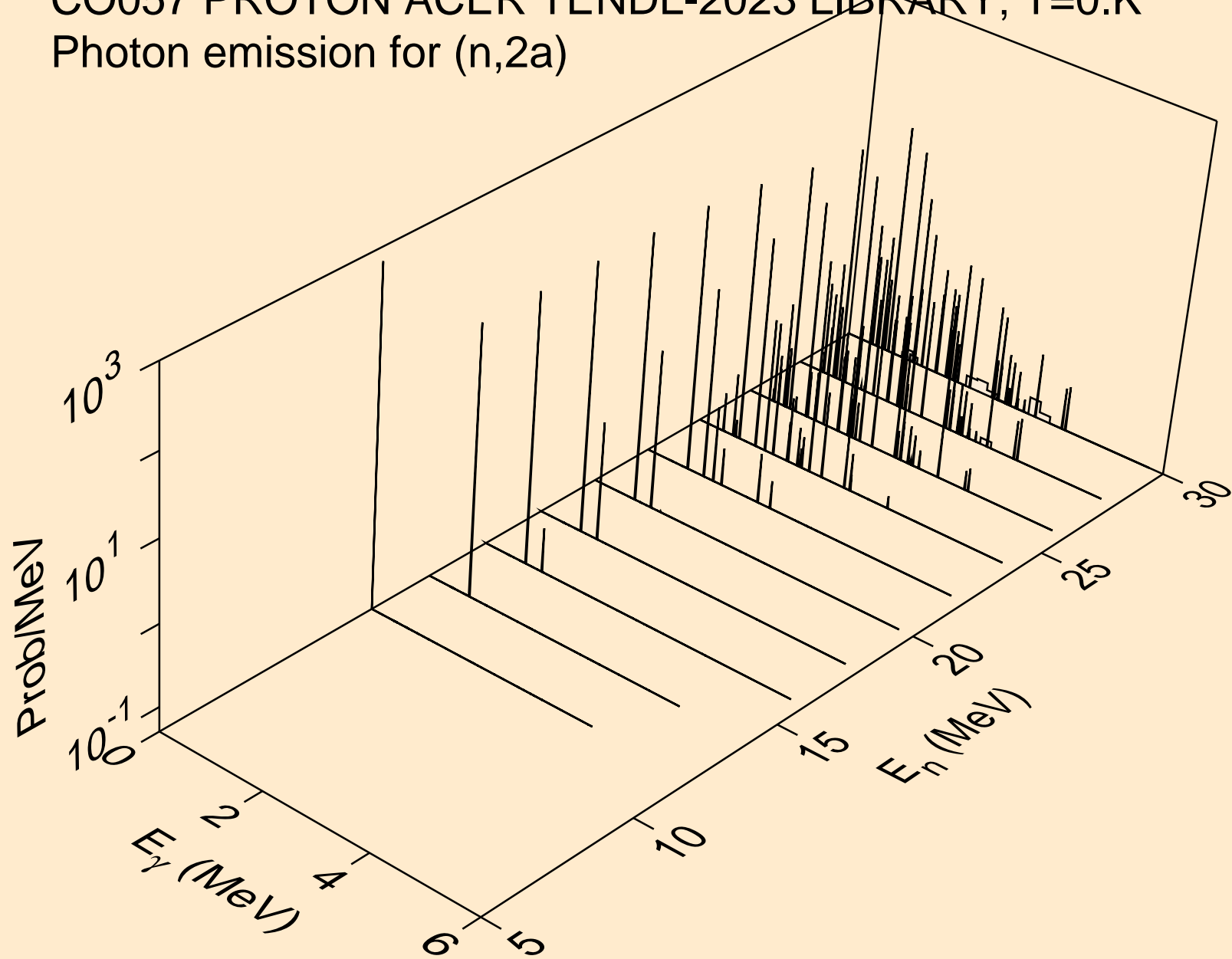
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Photon emission for (n,he3)



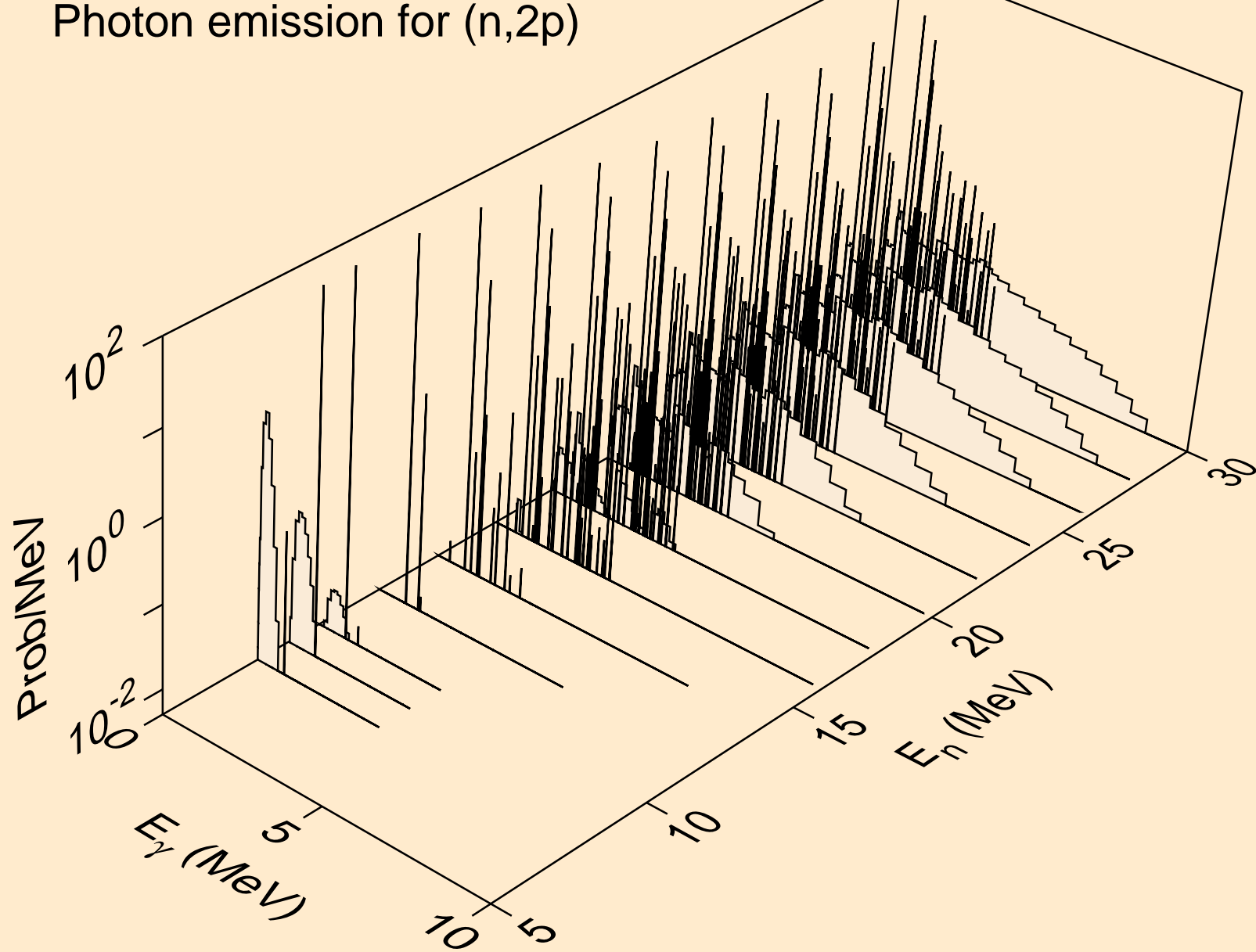
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Photon emission for (n,a)



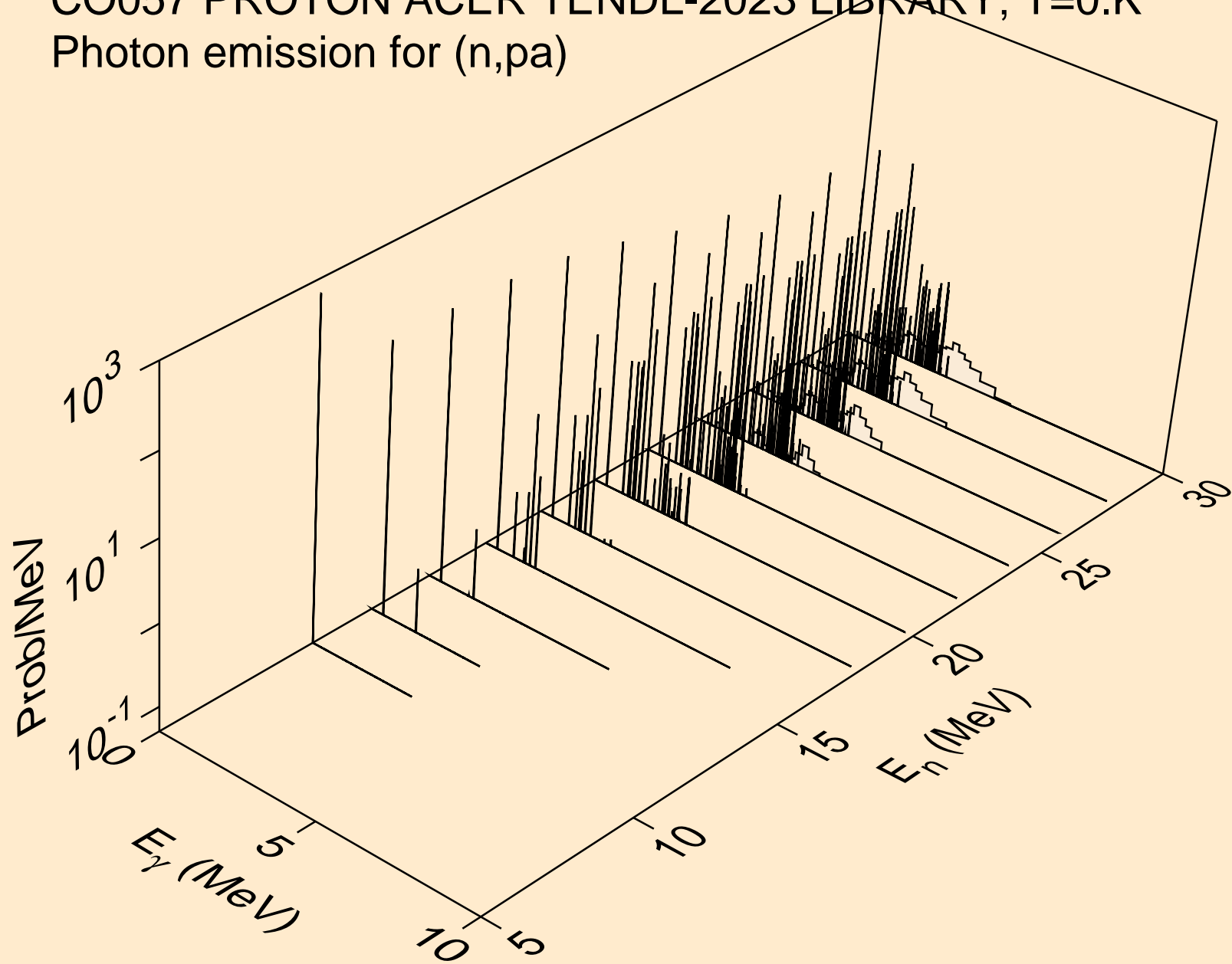
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Photon emission for (n,2a)



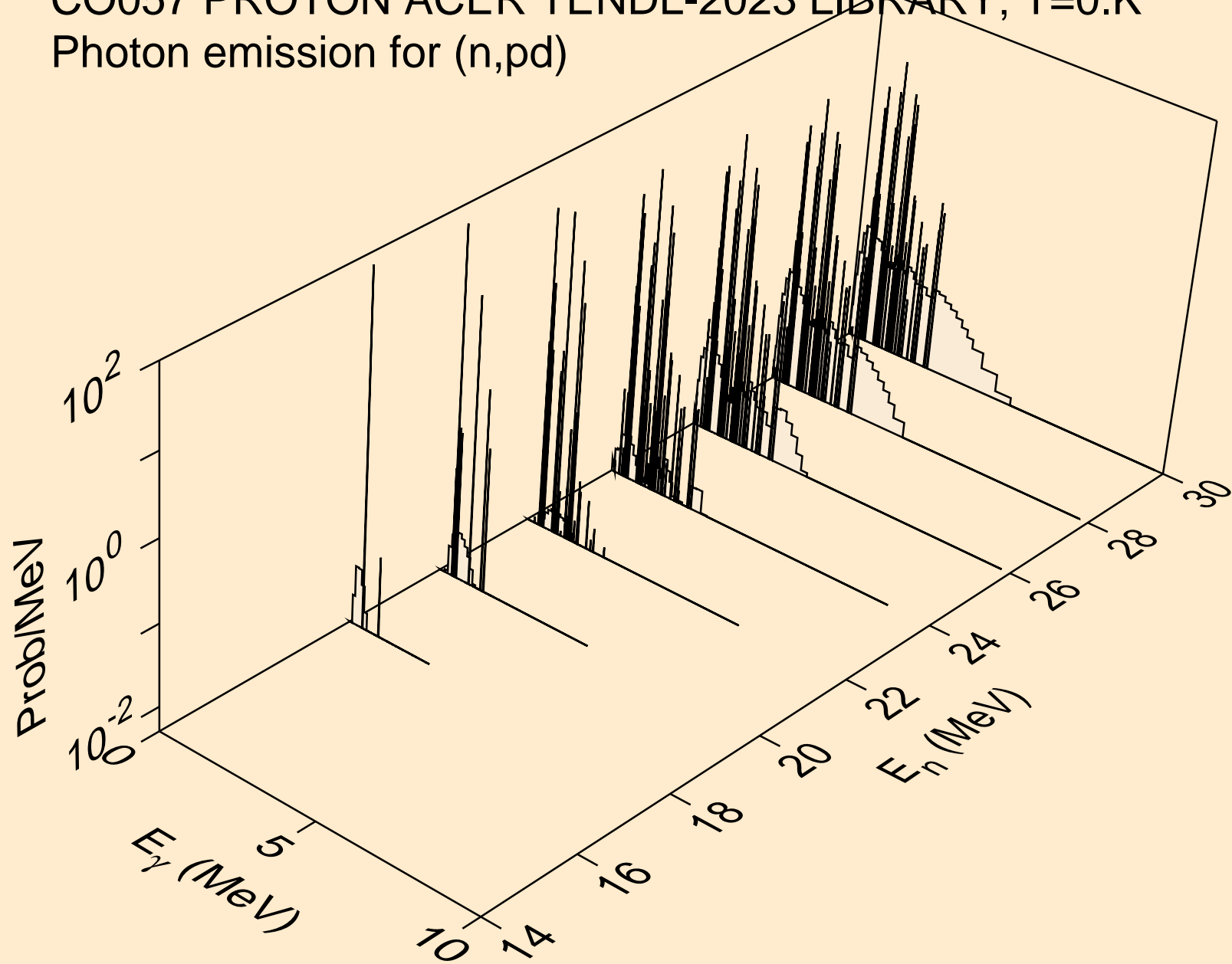
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

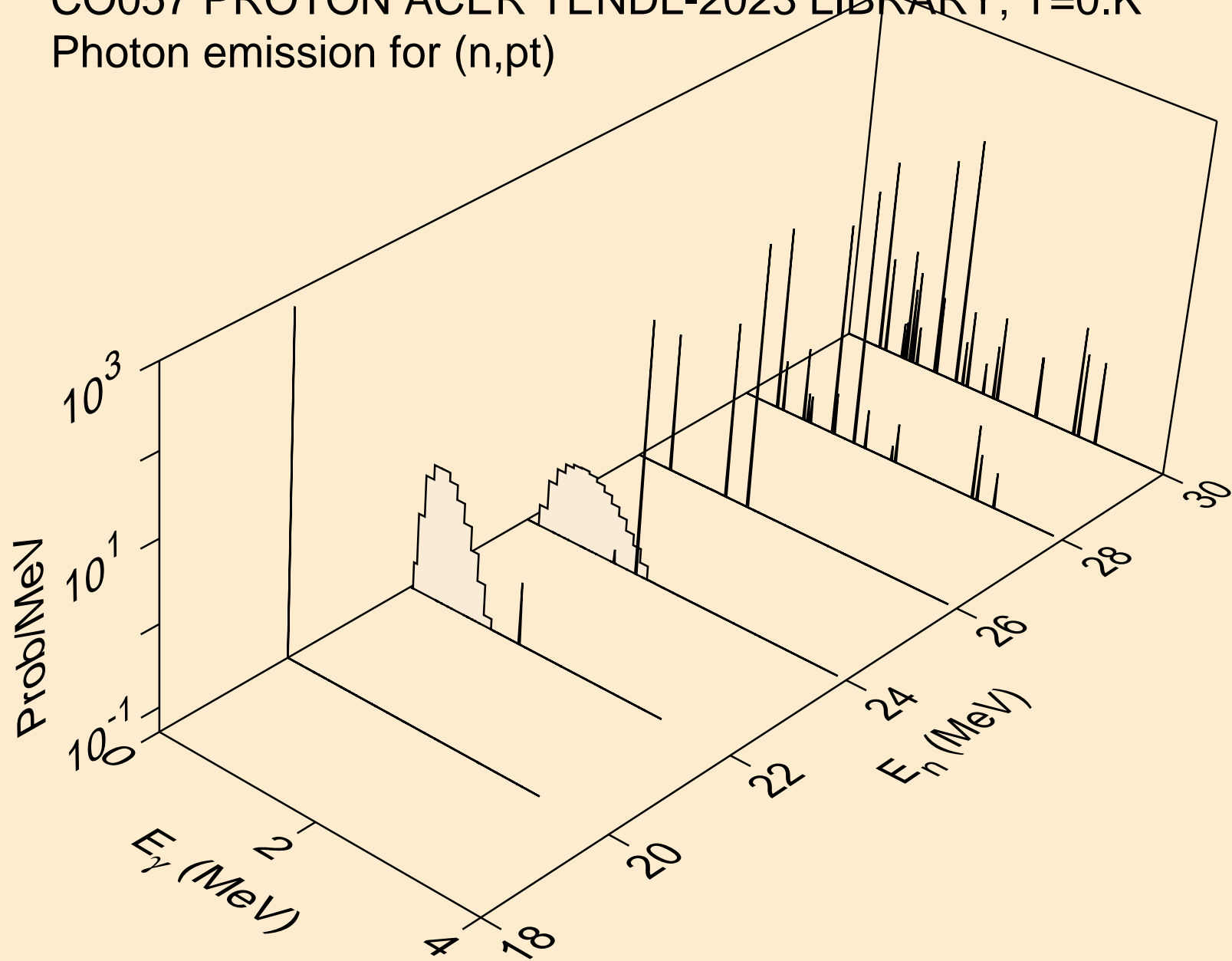


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

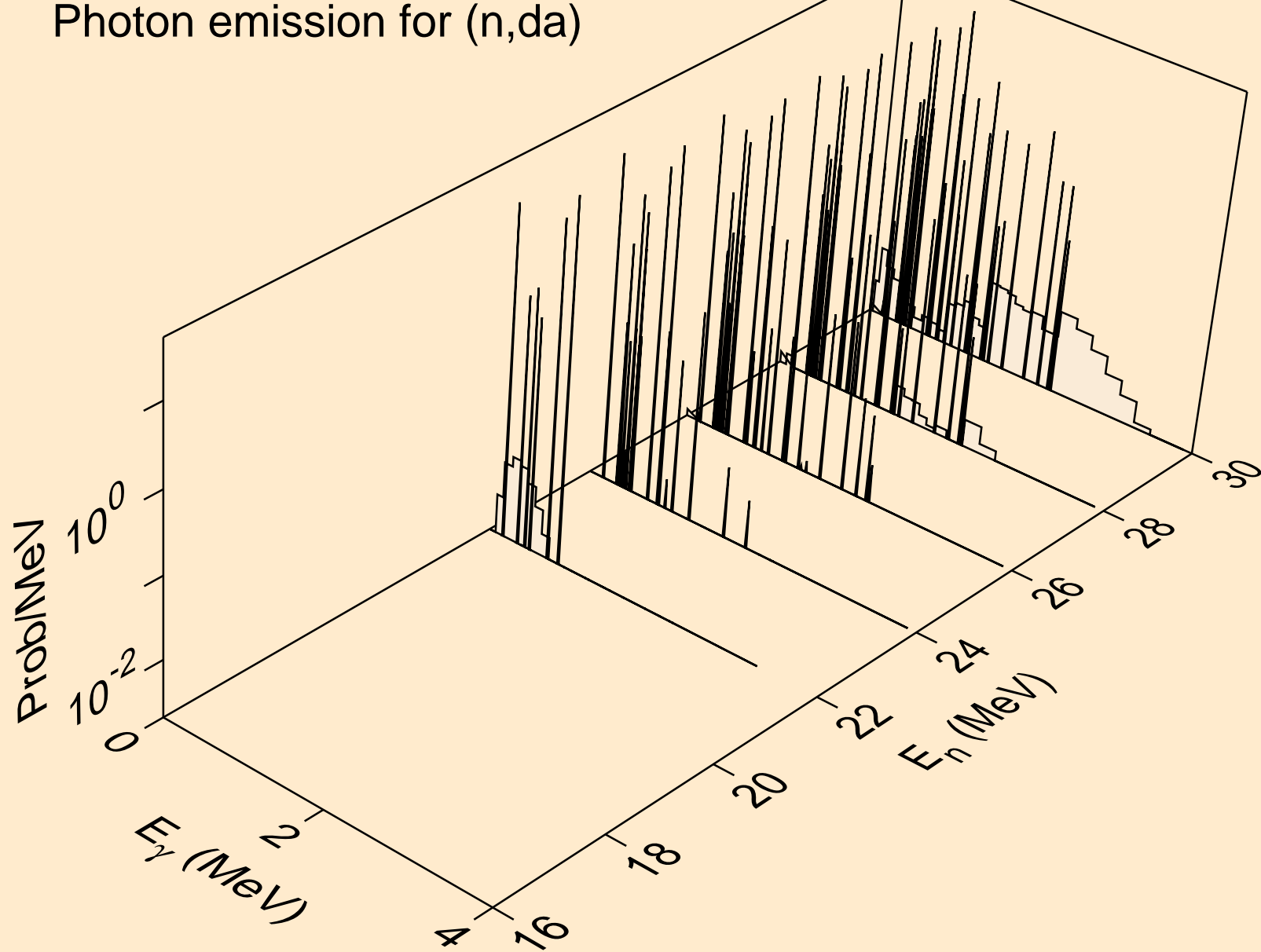




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Photon emission for (n,pt)

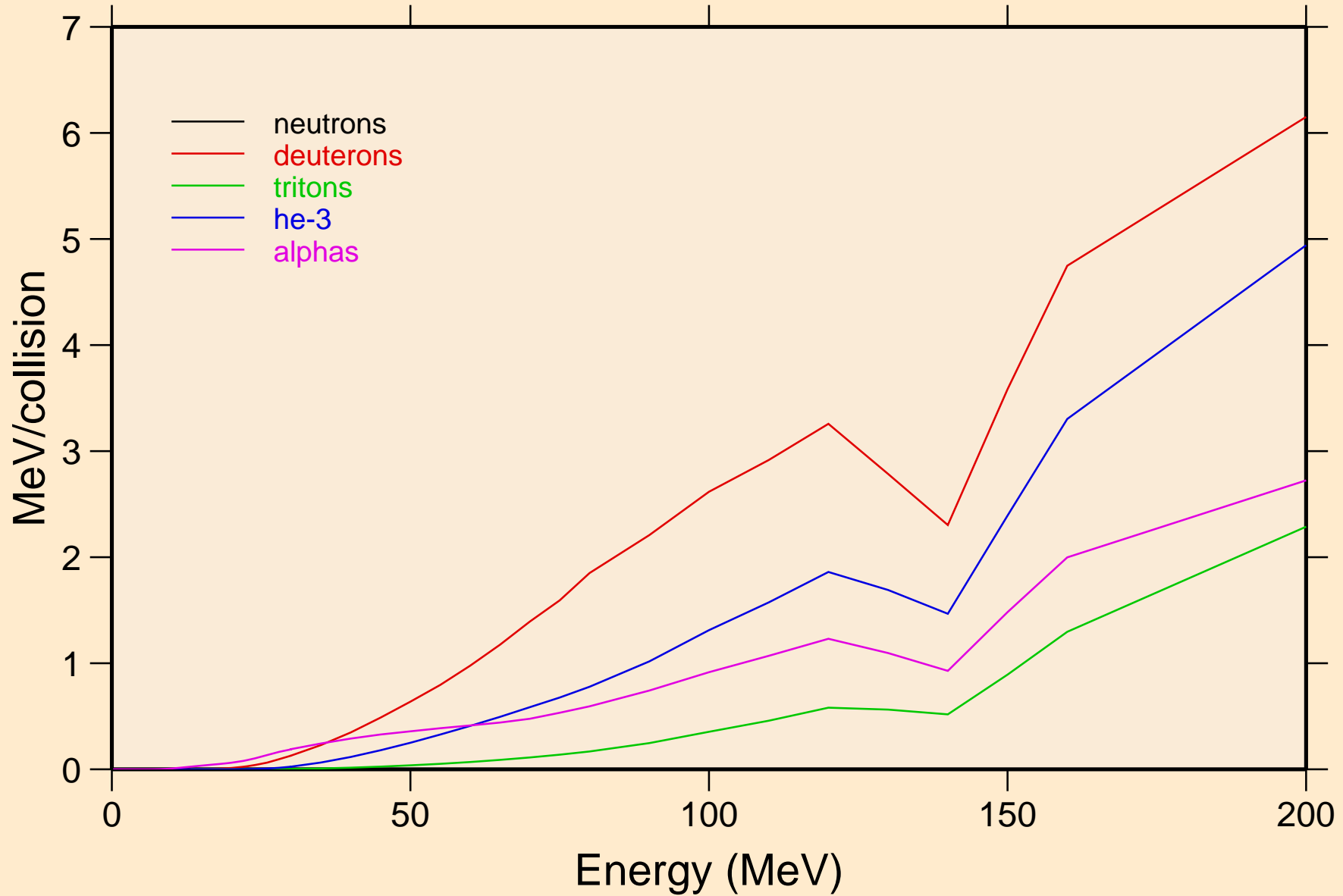


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

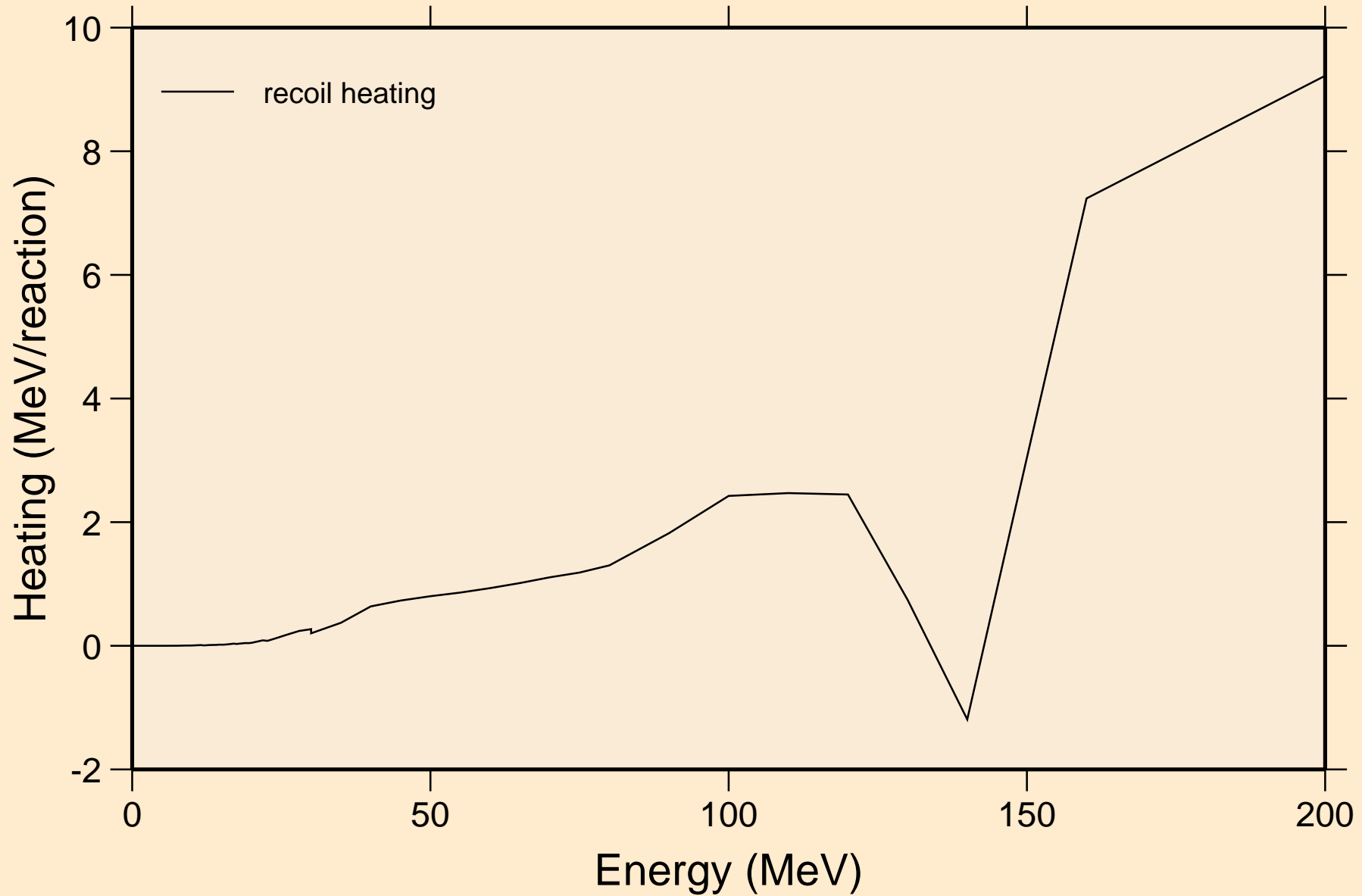


# CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K

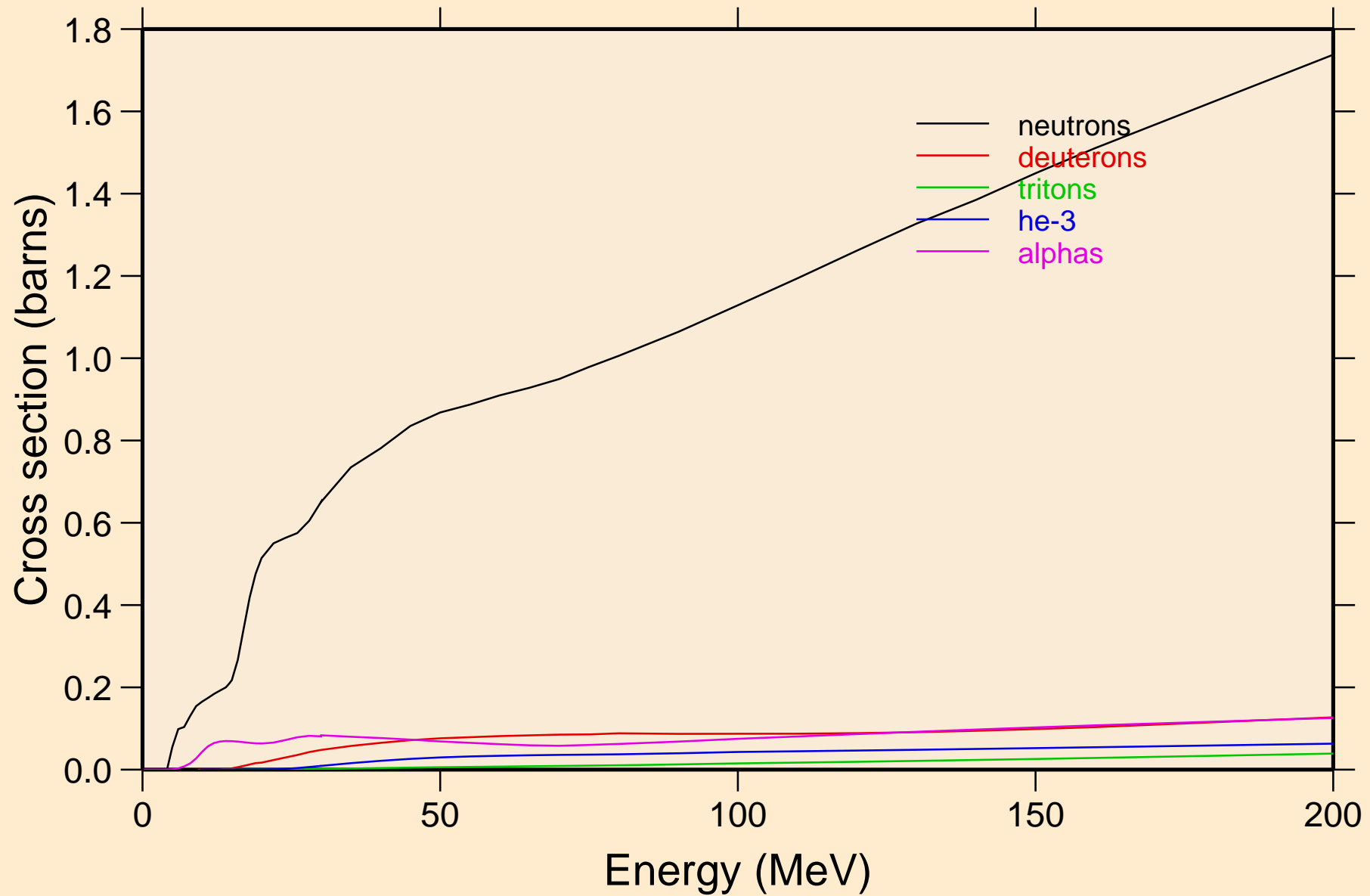
## Particle heating contributions



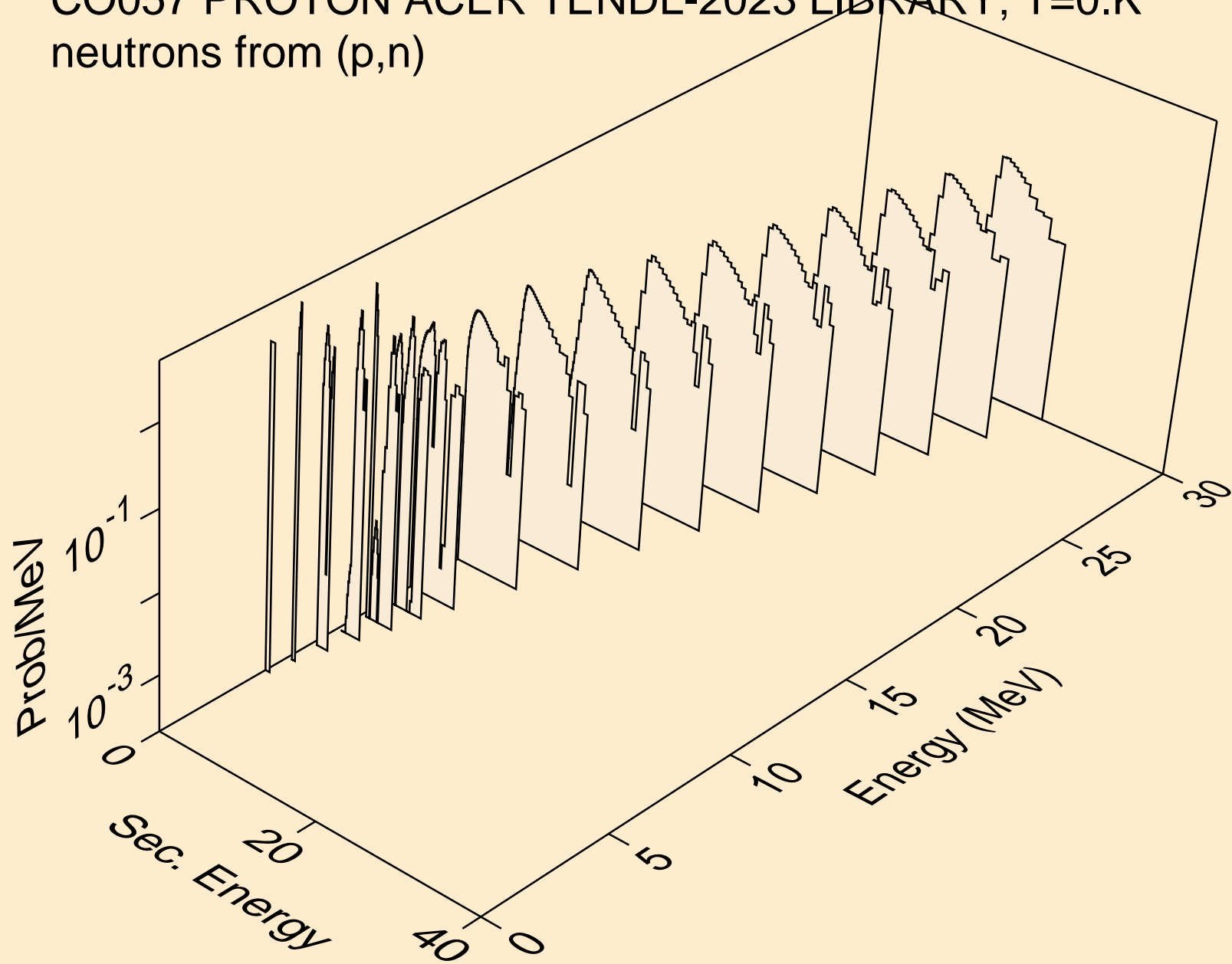
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Recoil Heating



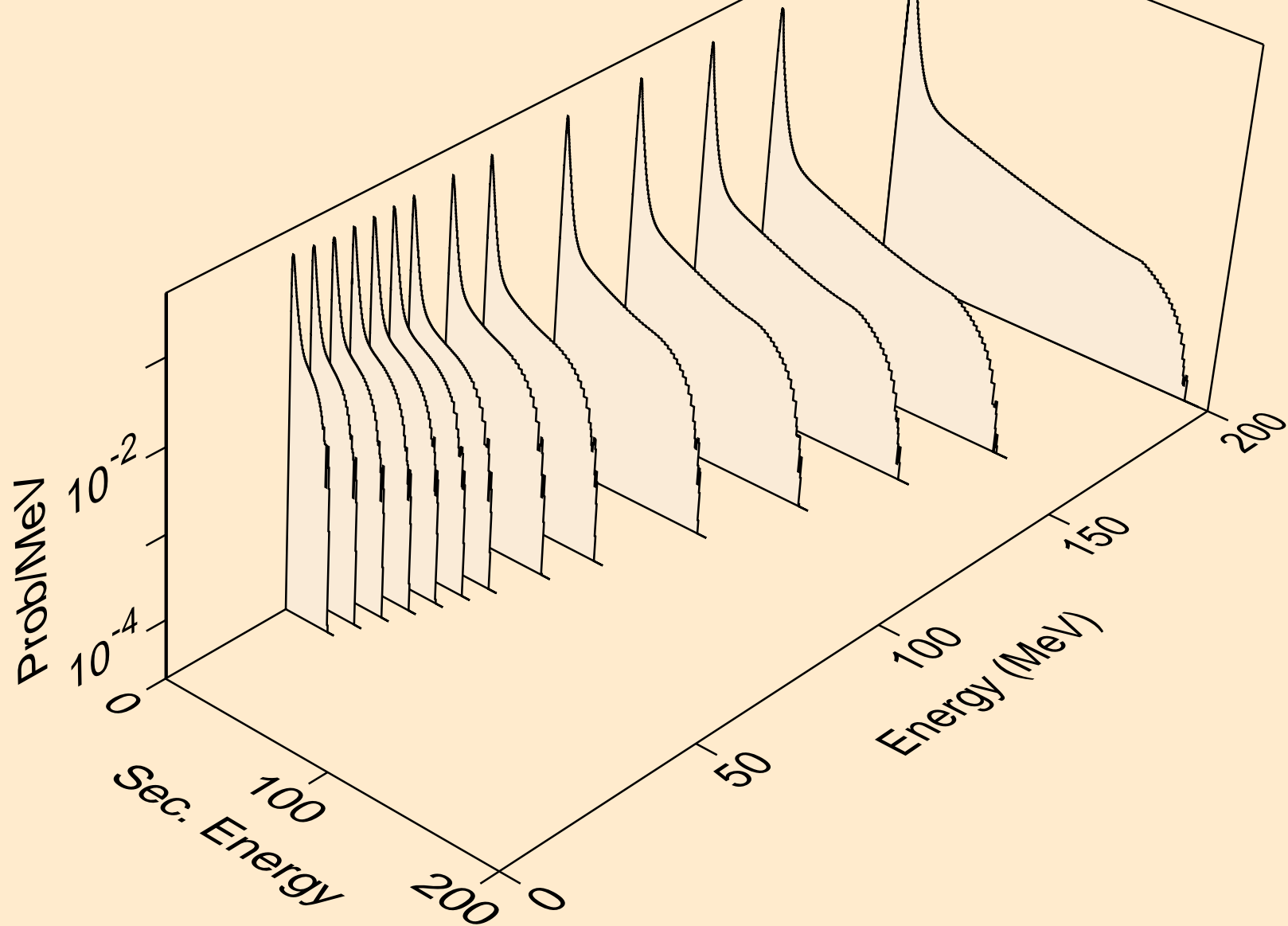
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Particle production cross sections



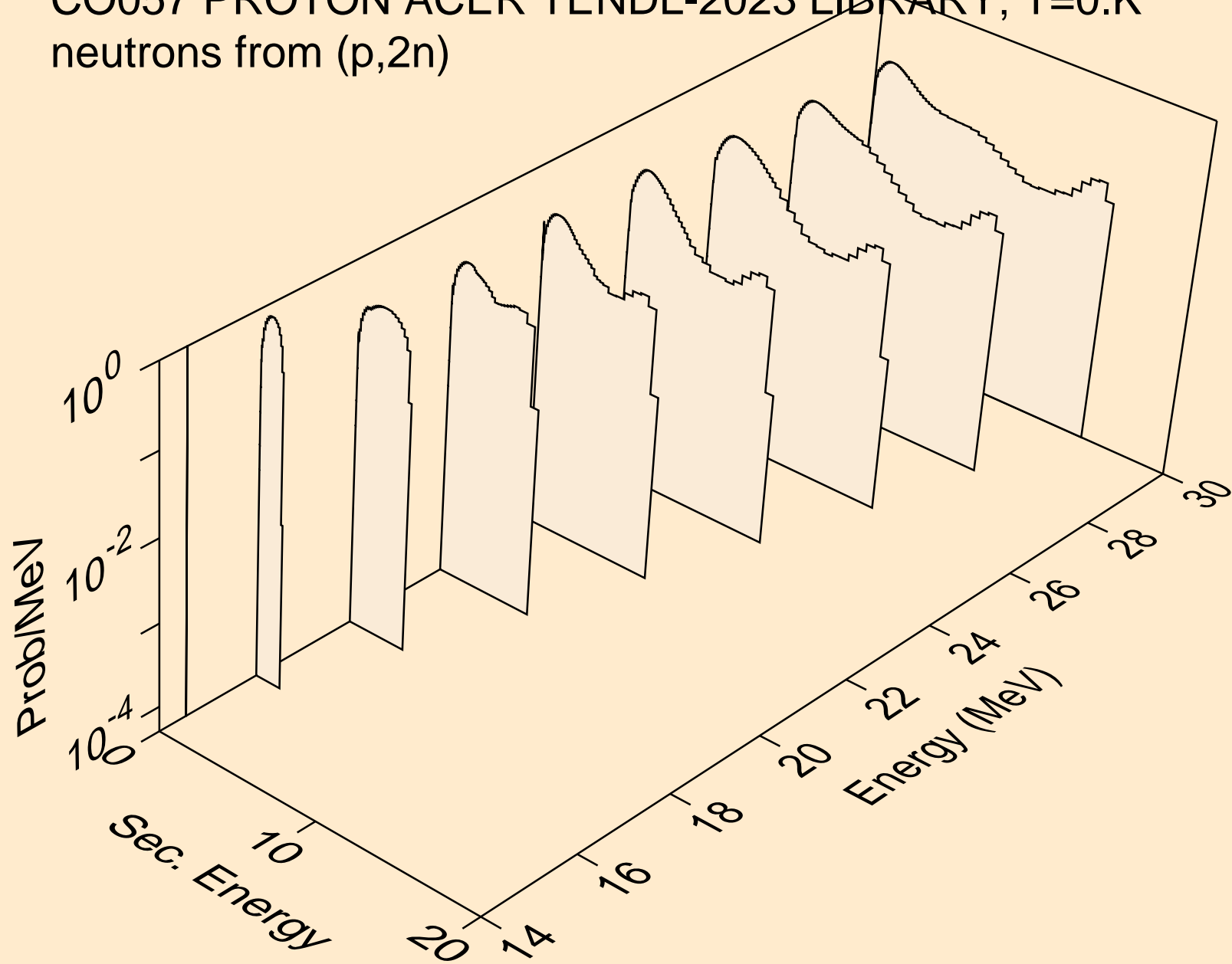
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

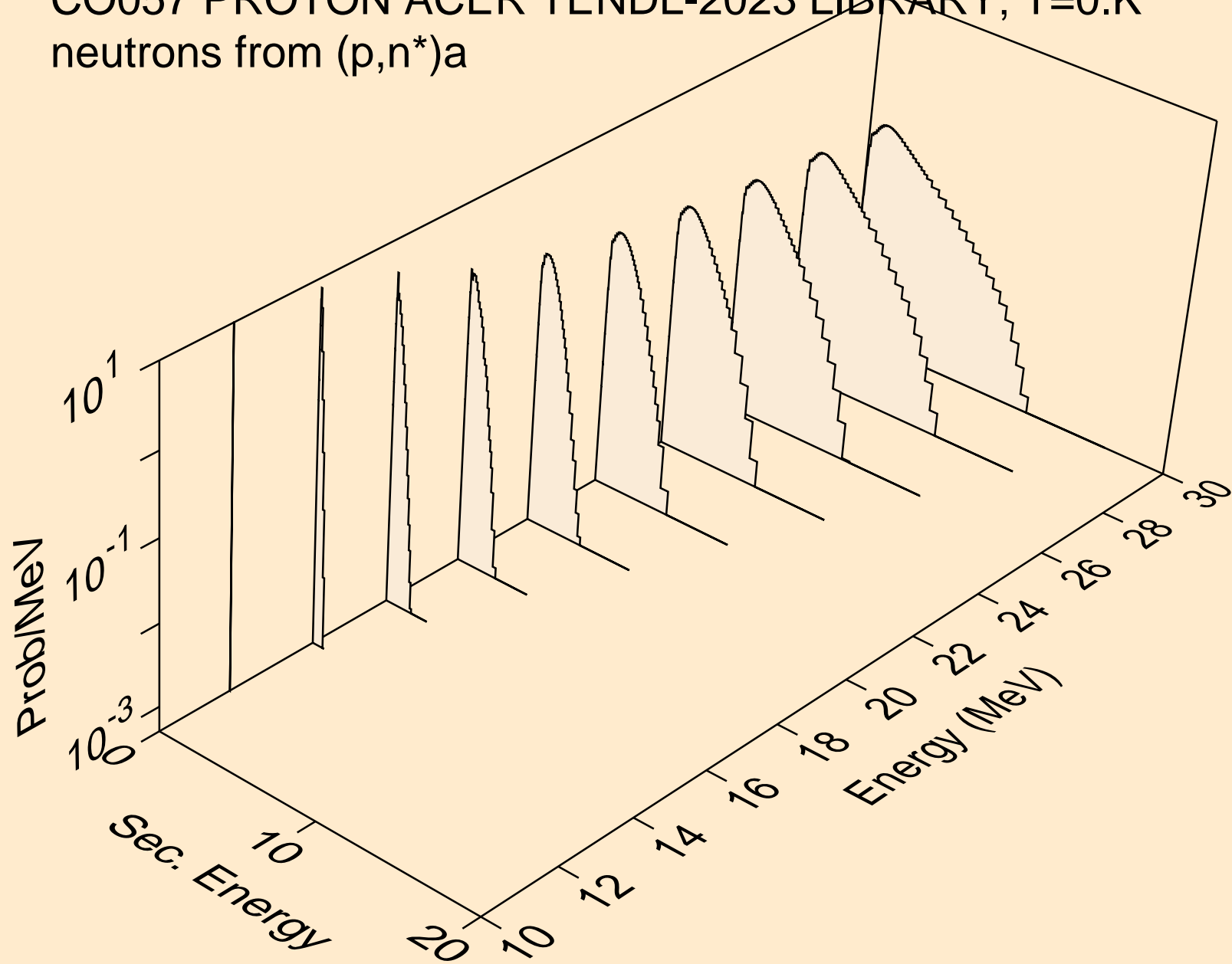


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

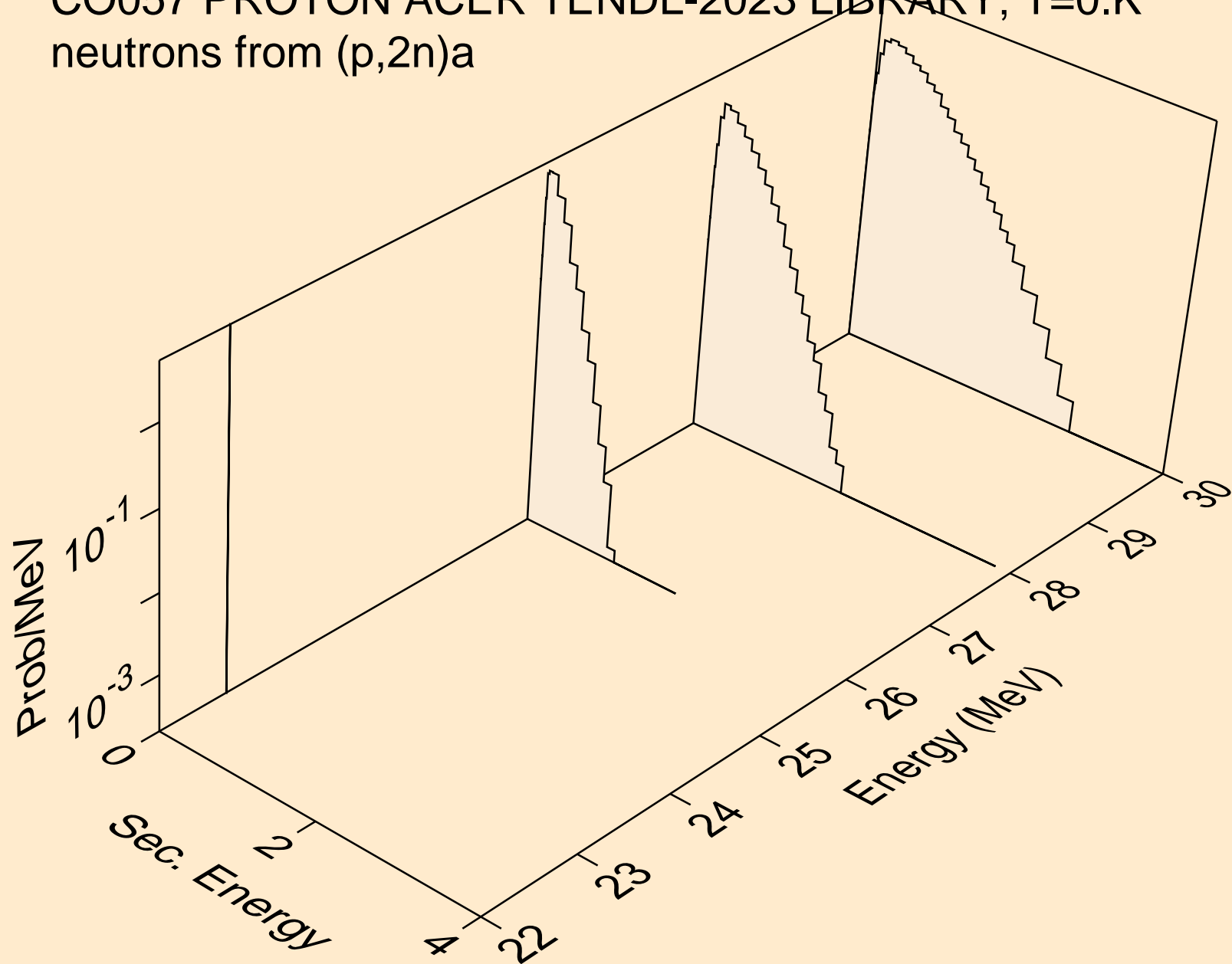




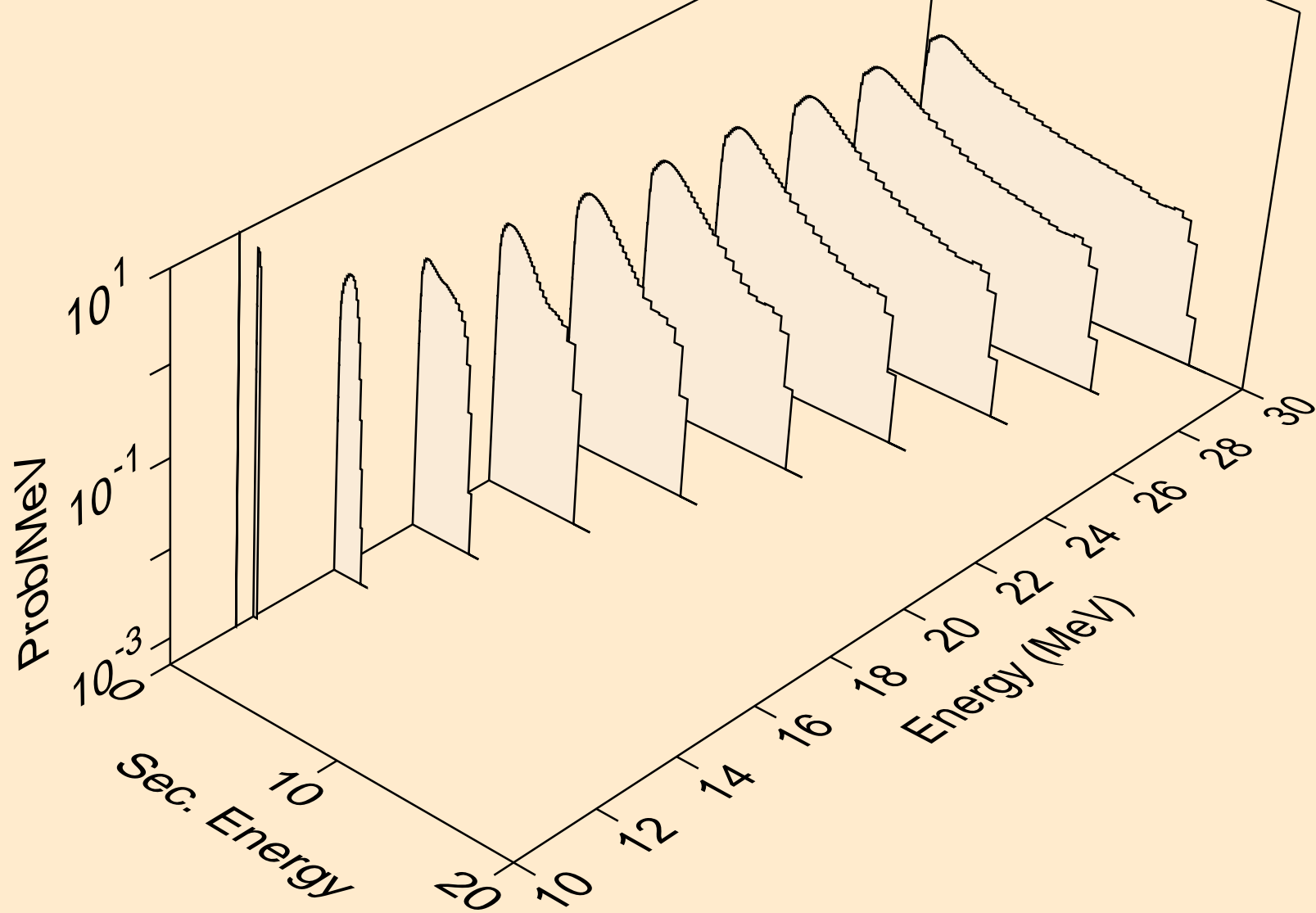
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neutrons from (p,n\*)a



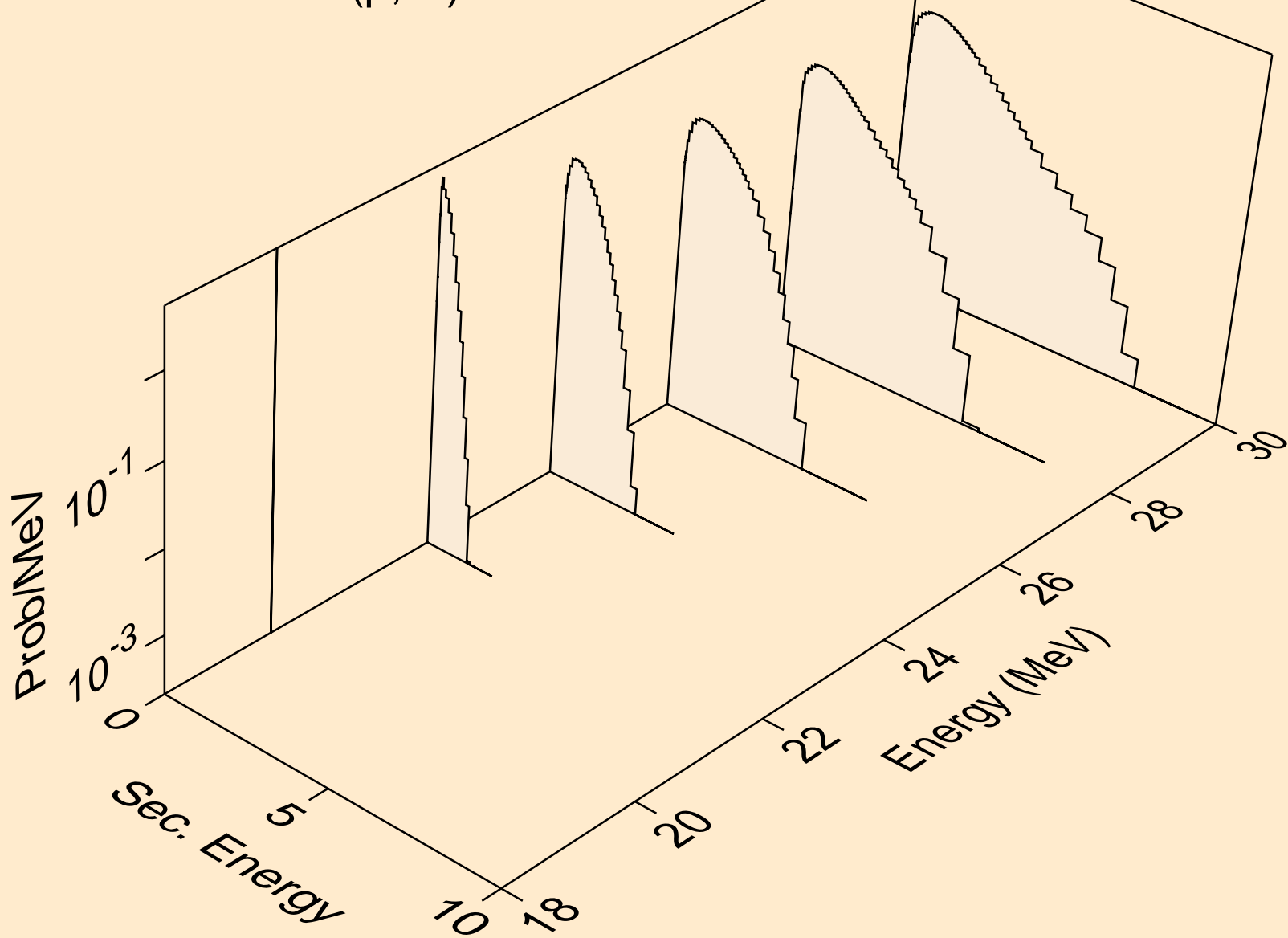
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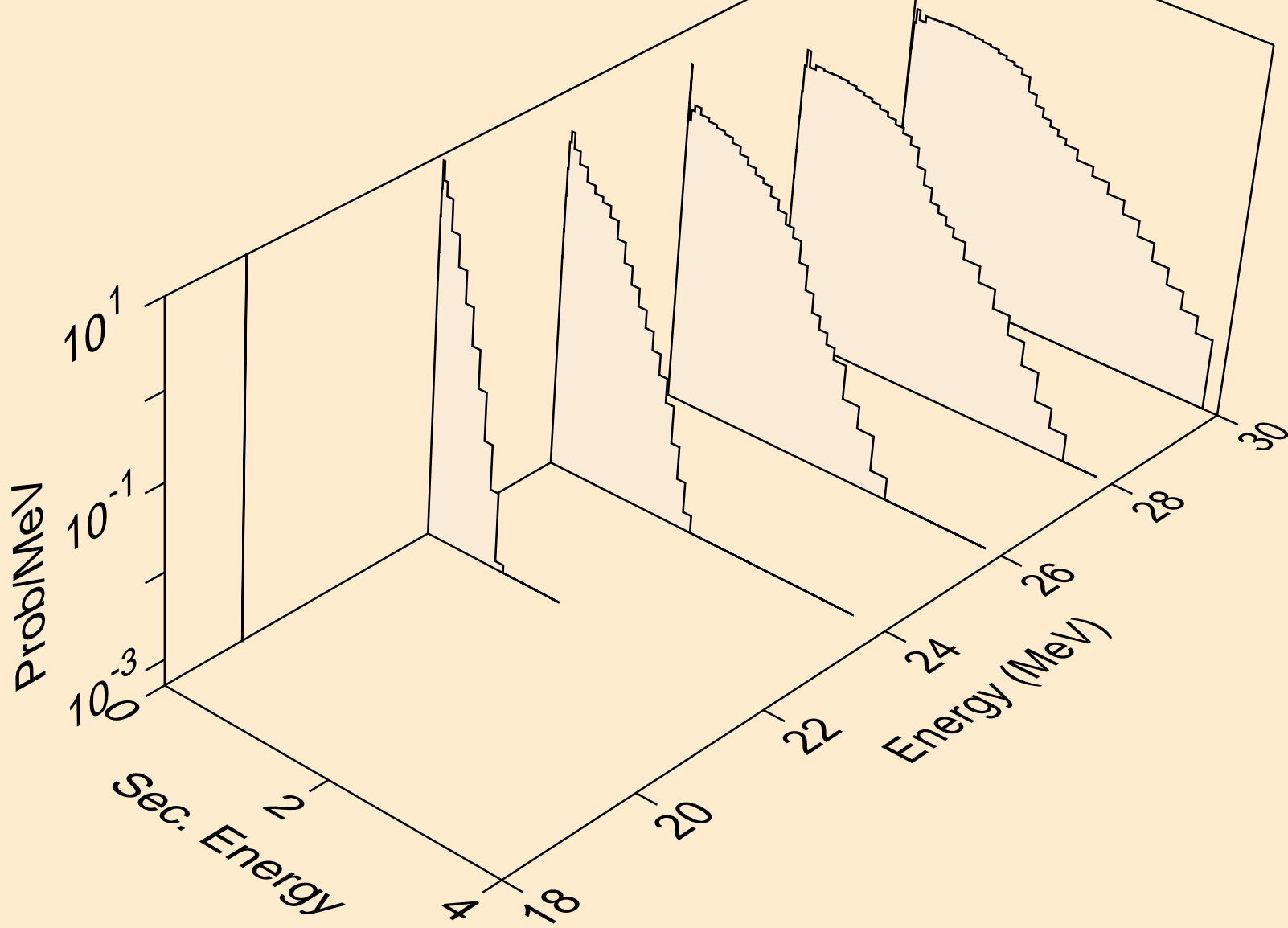
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neutrons from (p,n\*)p



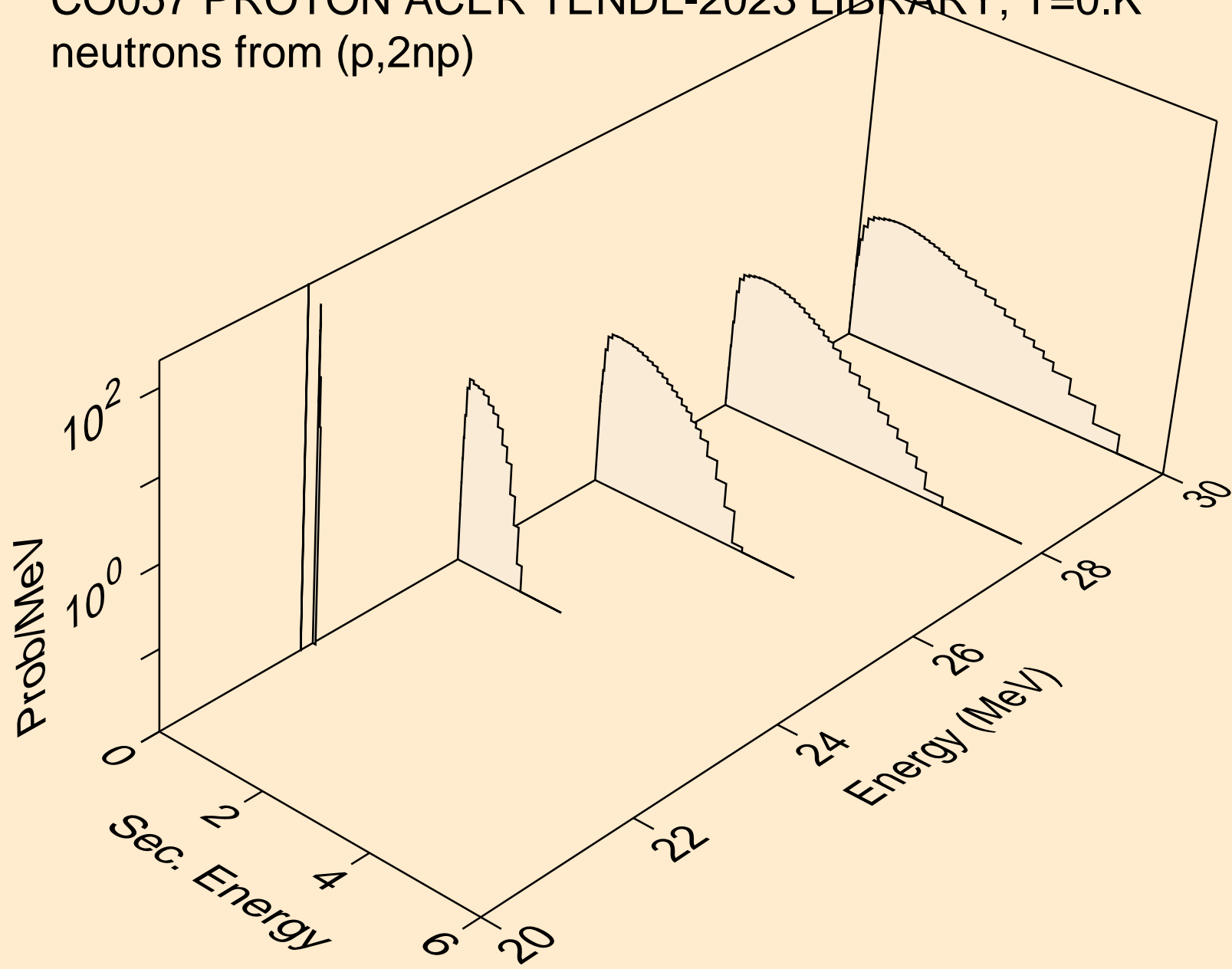
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neutrons from (p,n\*)d



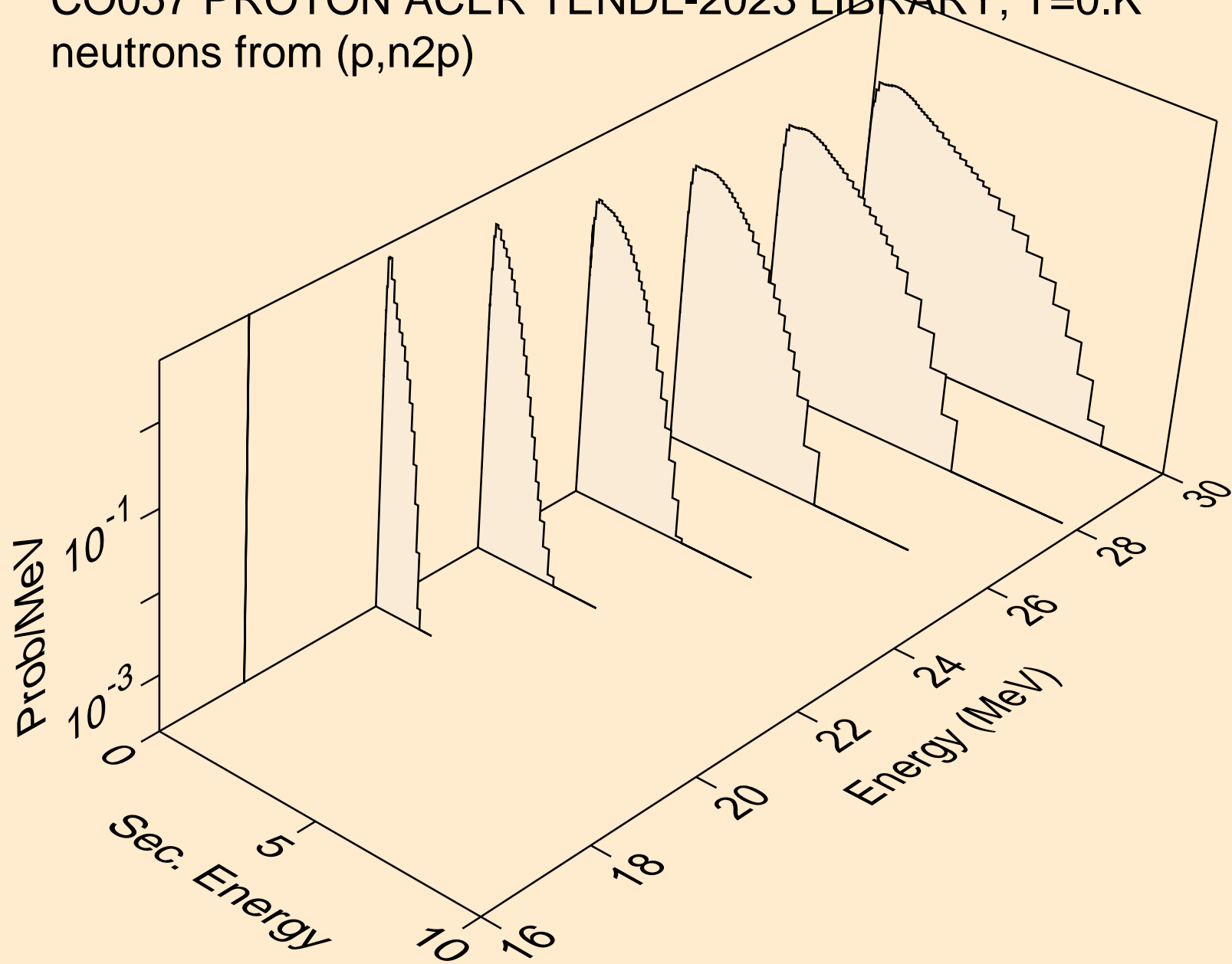
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



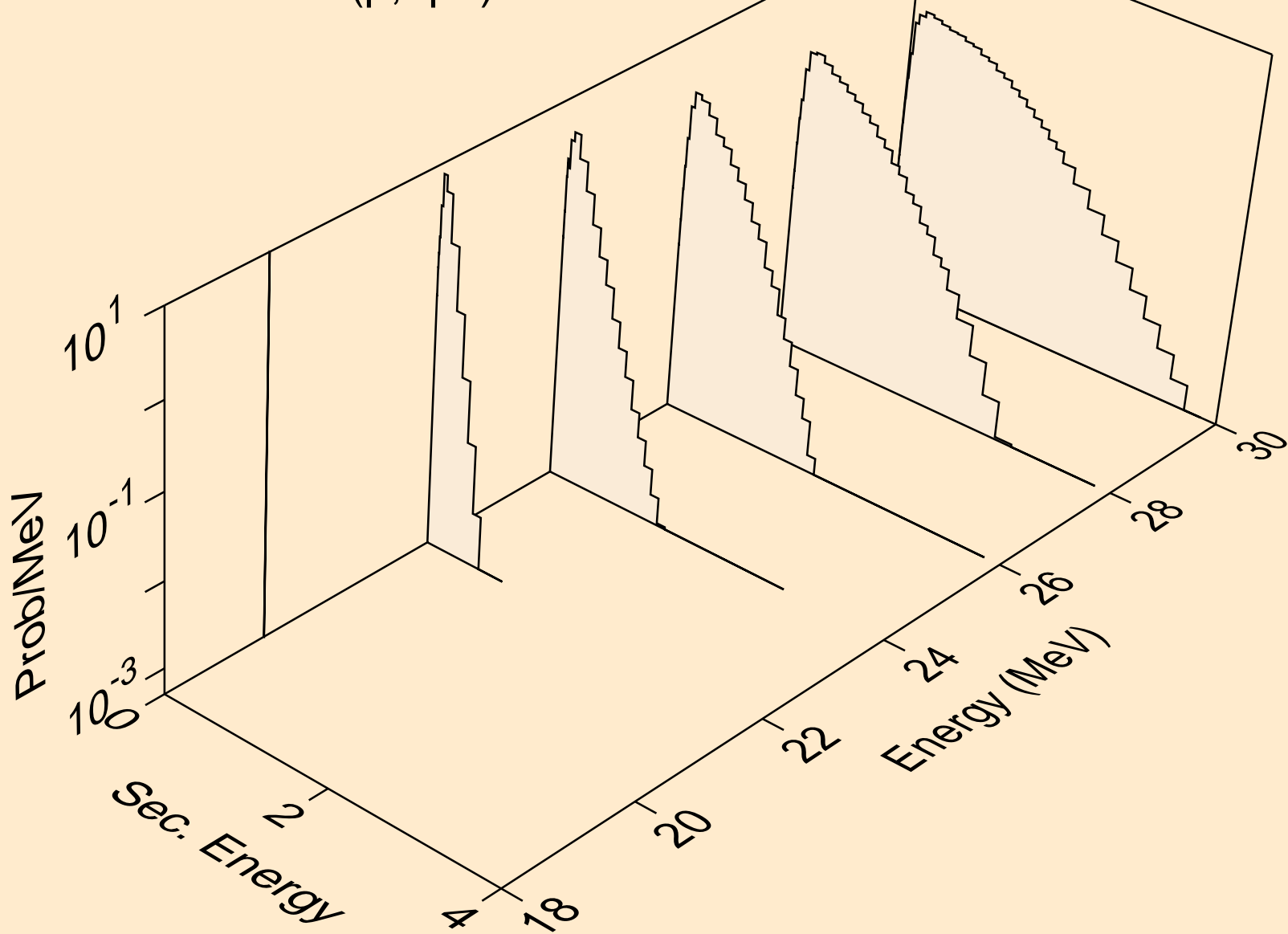
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

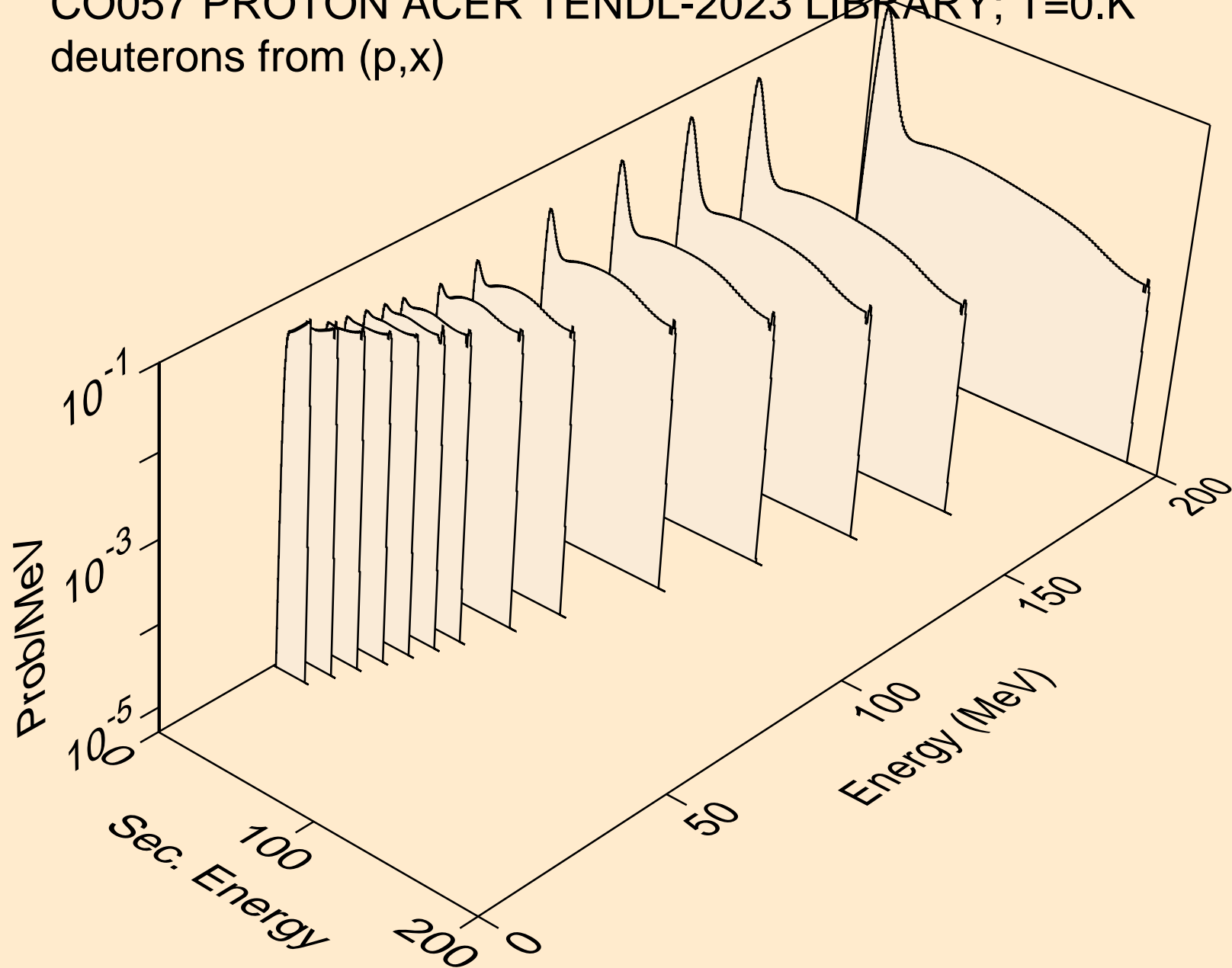


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neutrons from (p,npa)

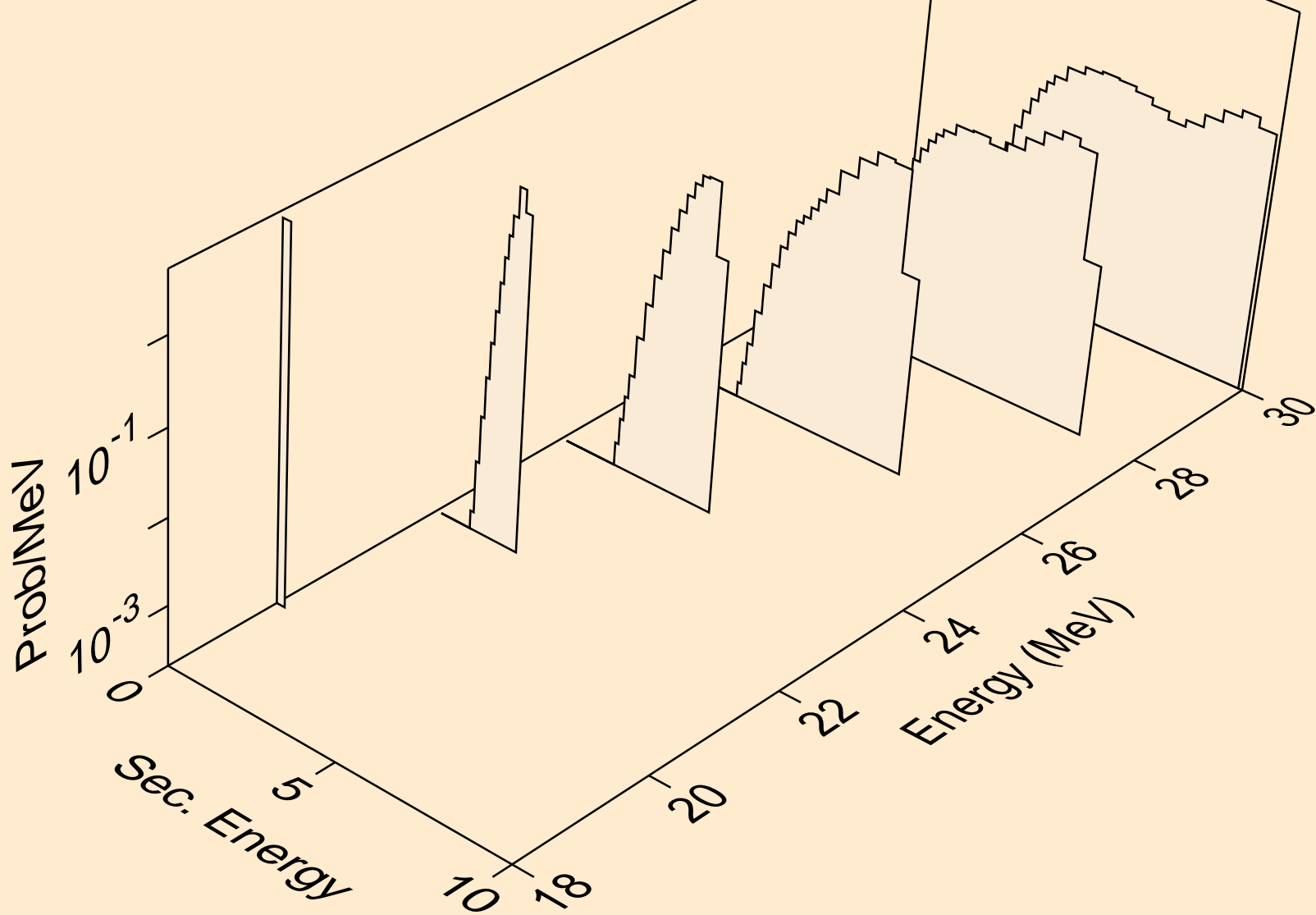




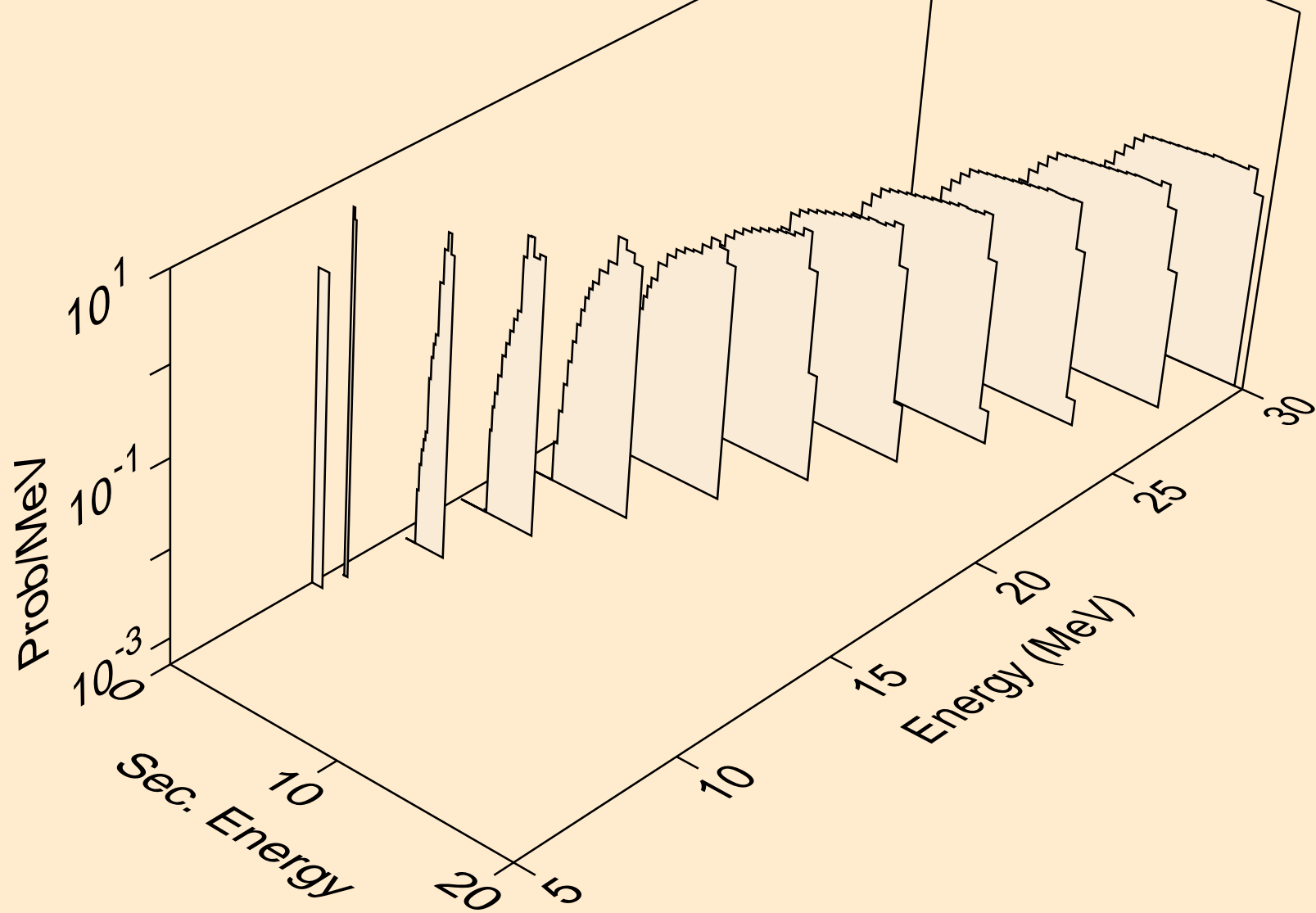
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



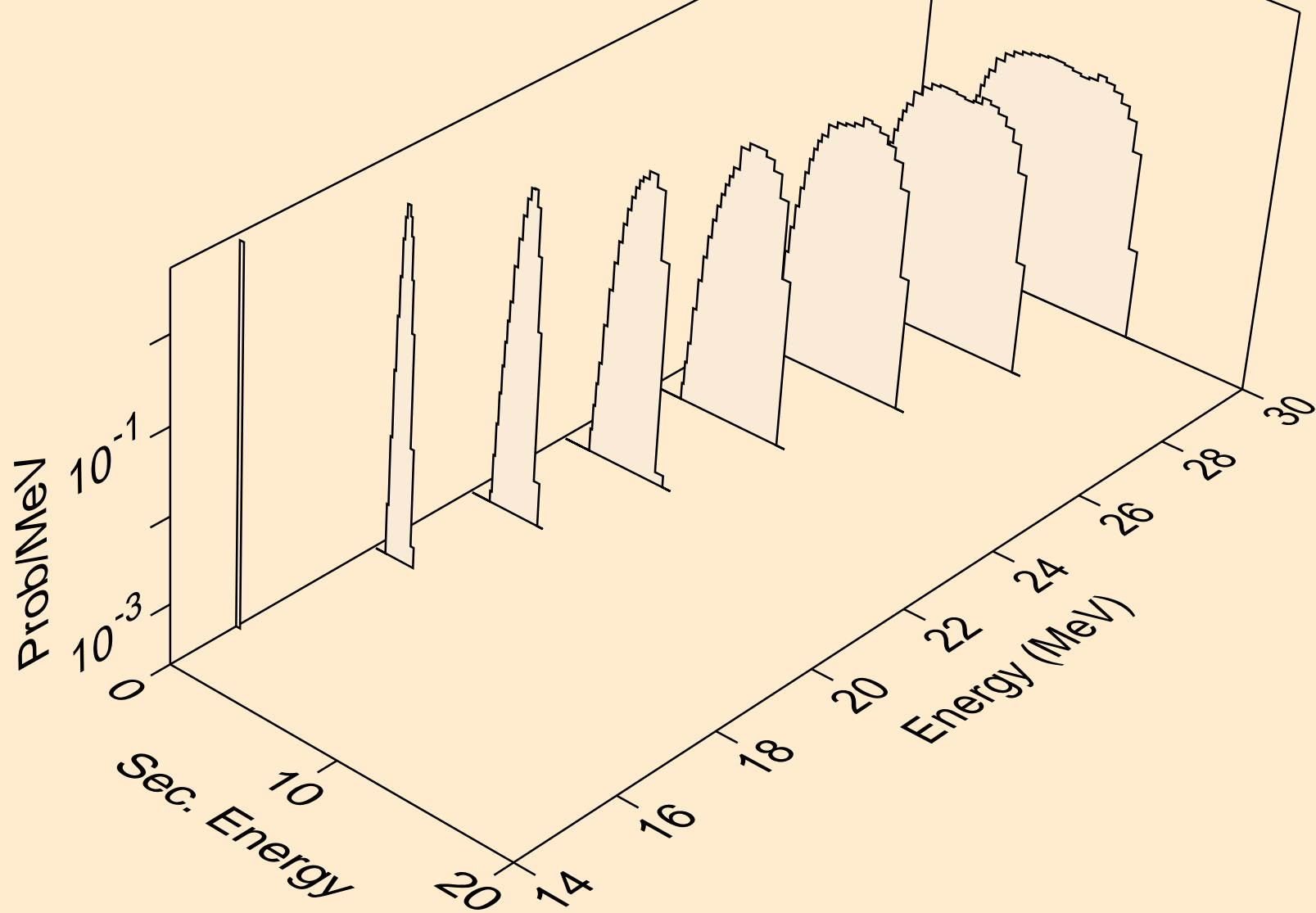
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



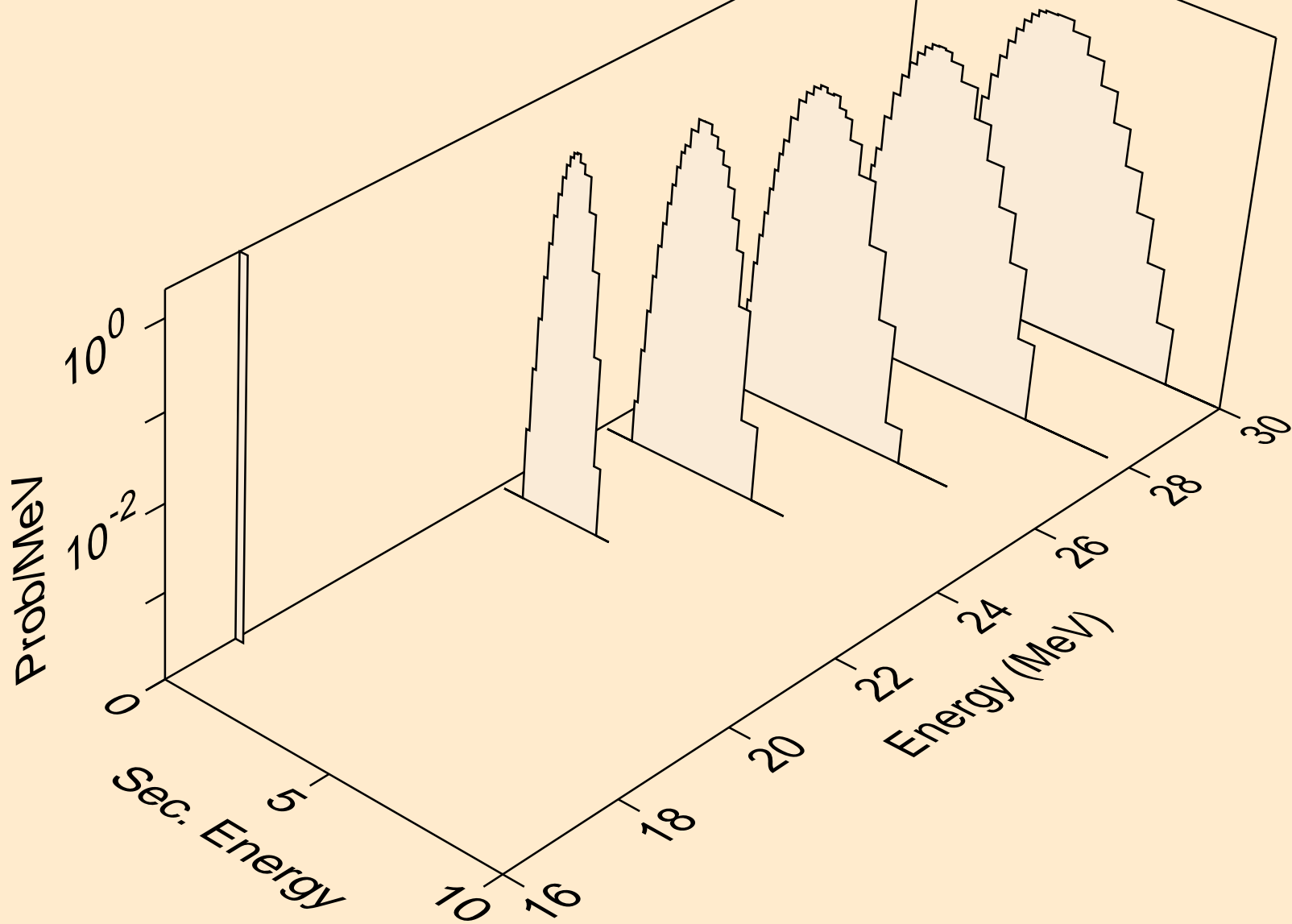
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deuterons from (p,d)



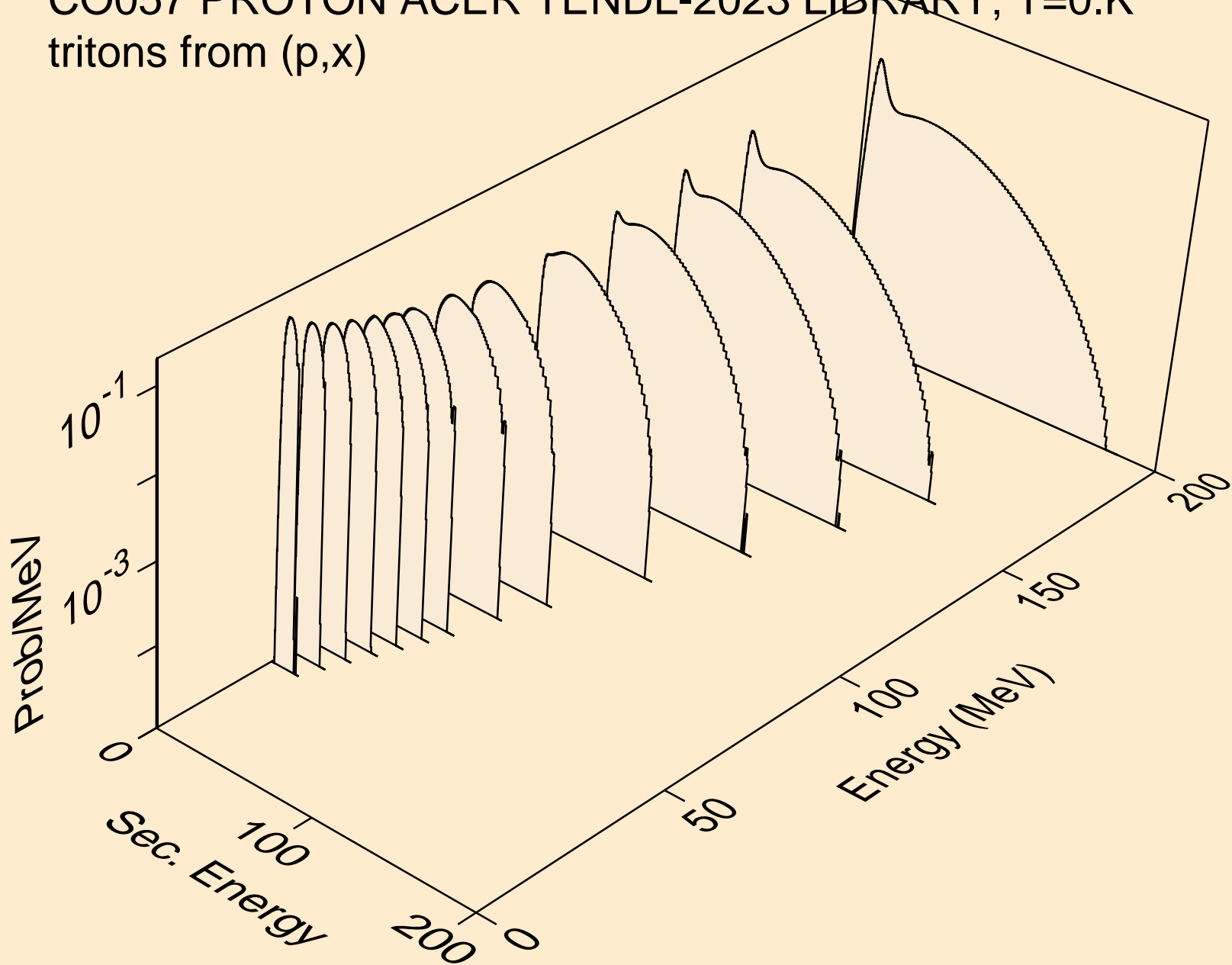
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



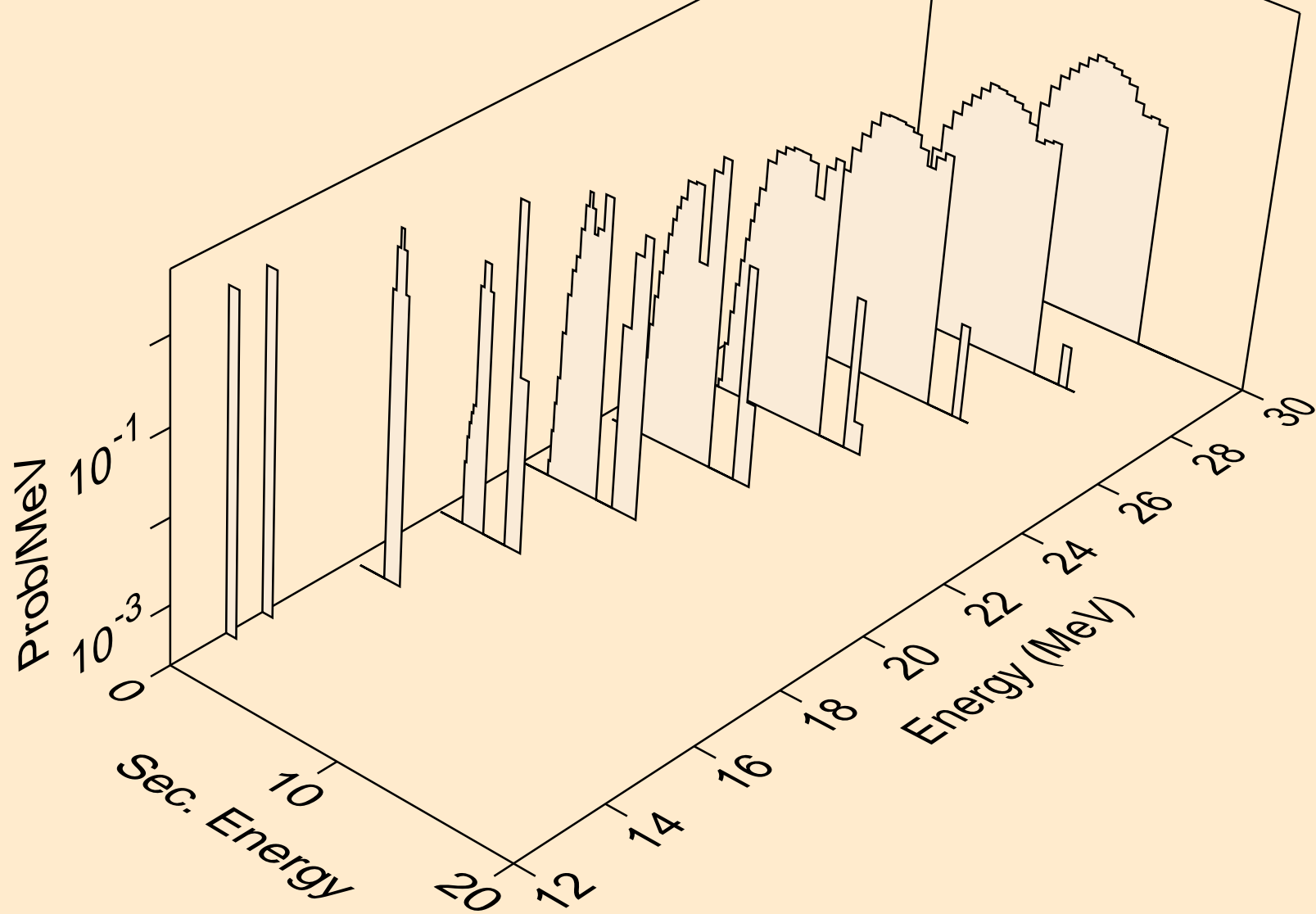
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deuterons from (p,da)



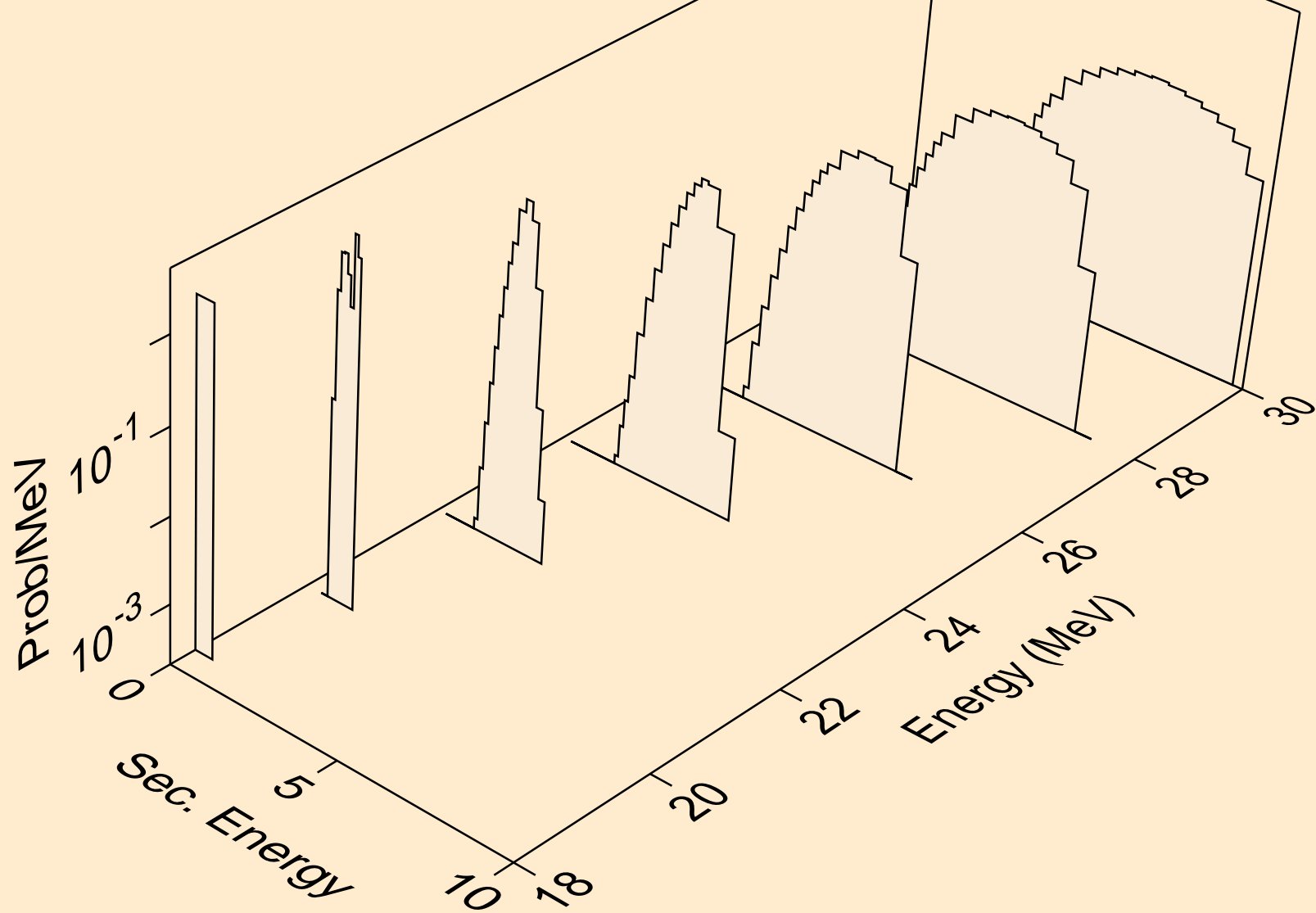
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

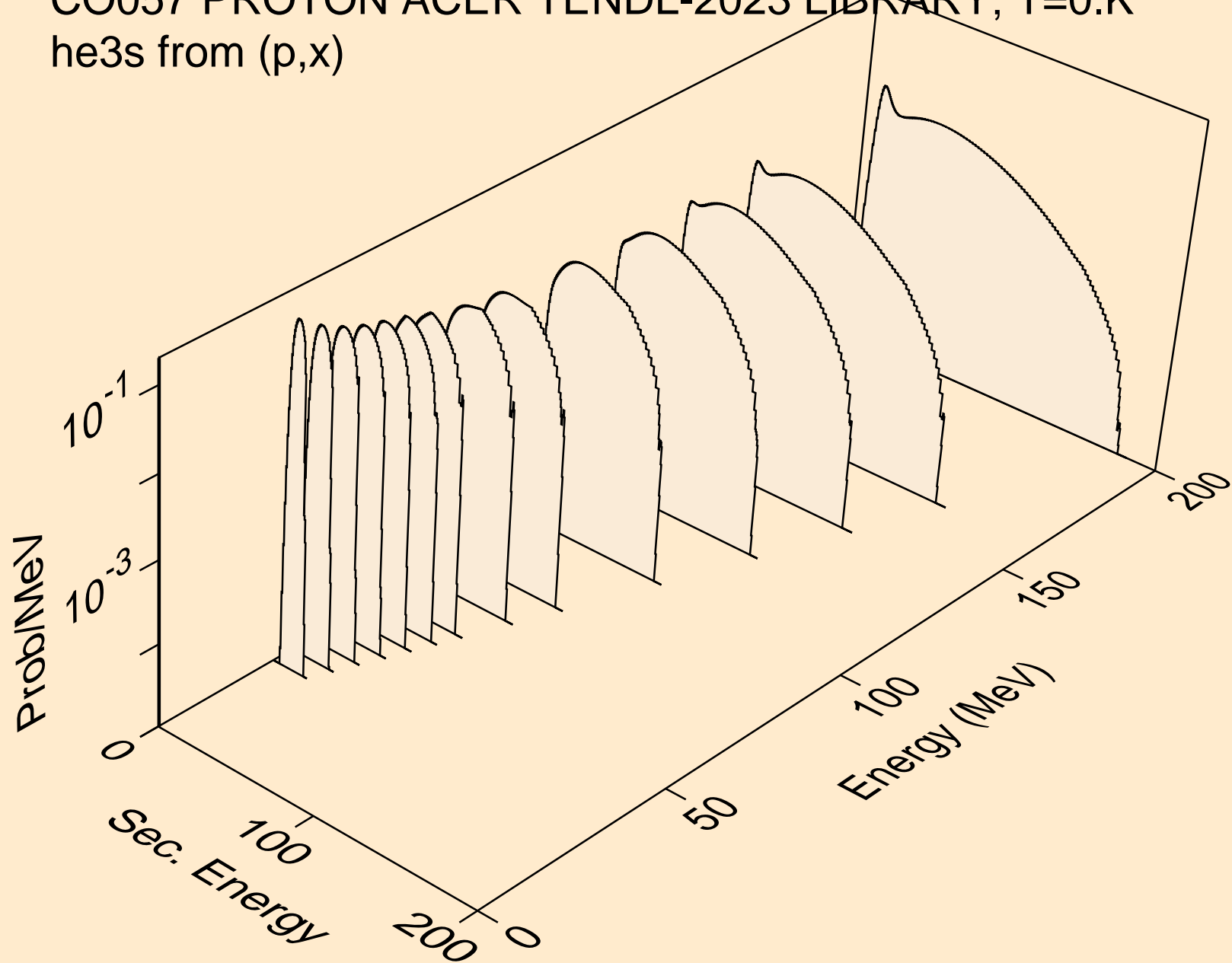


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

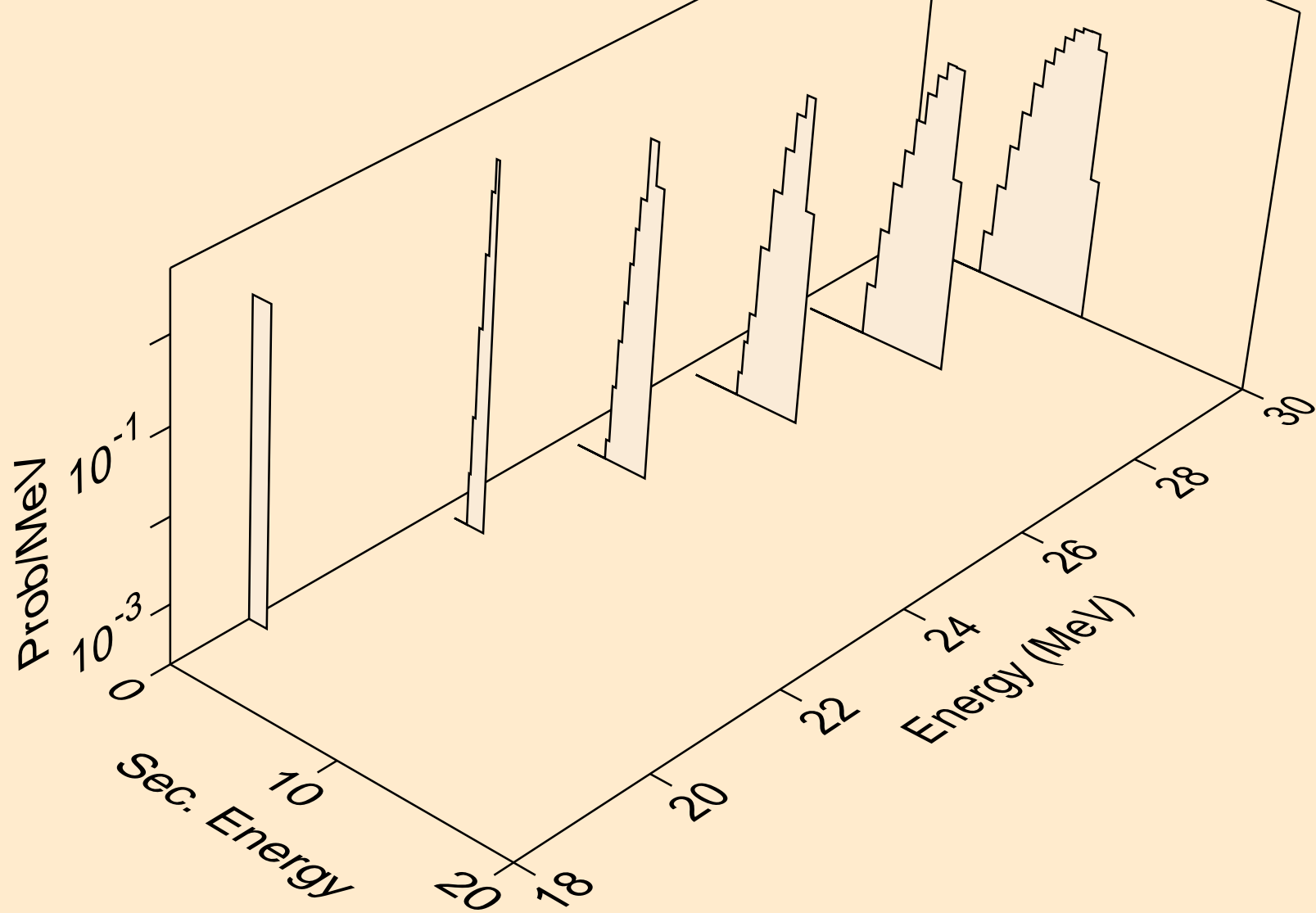




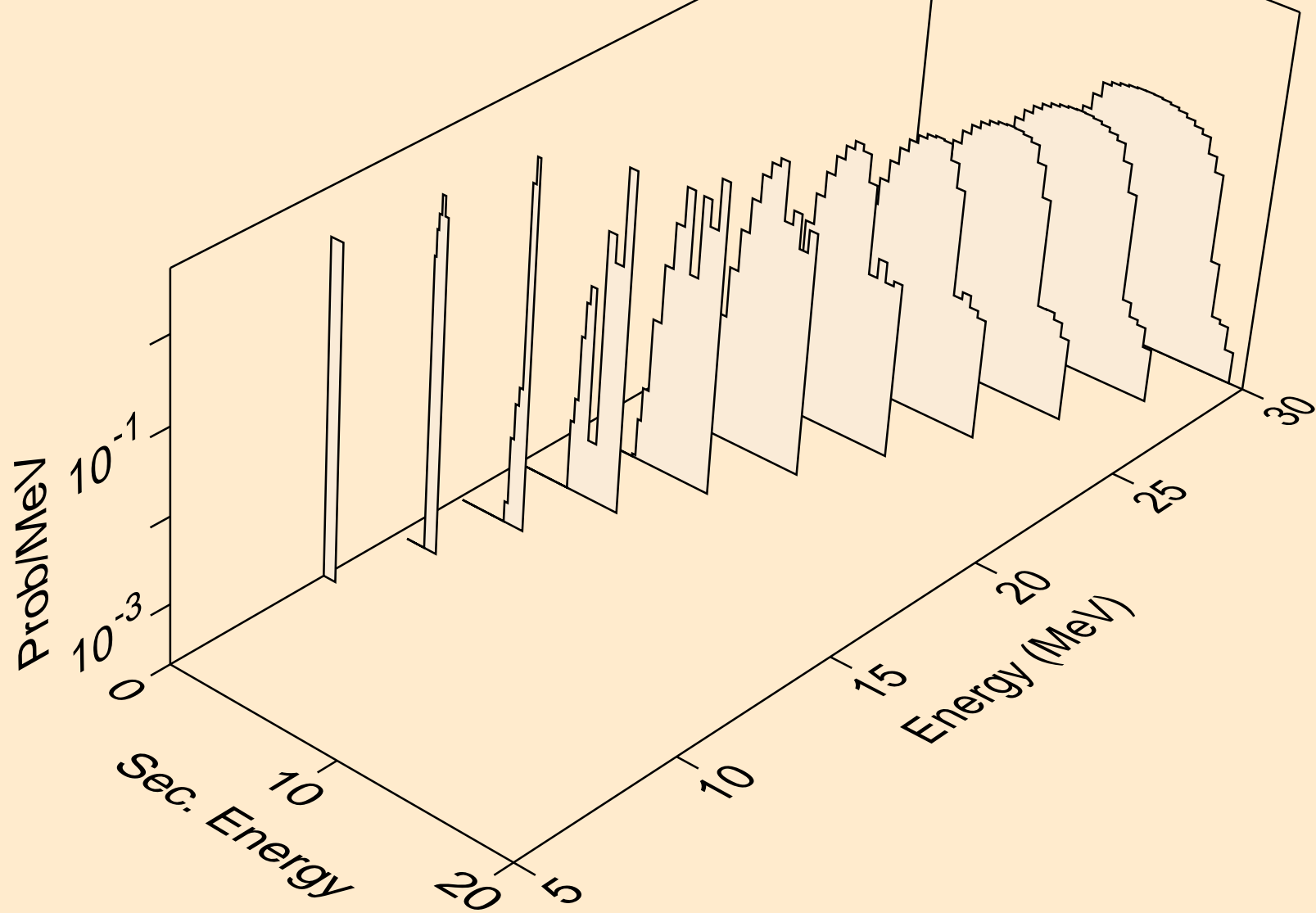
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he3s from (p,x)



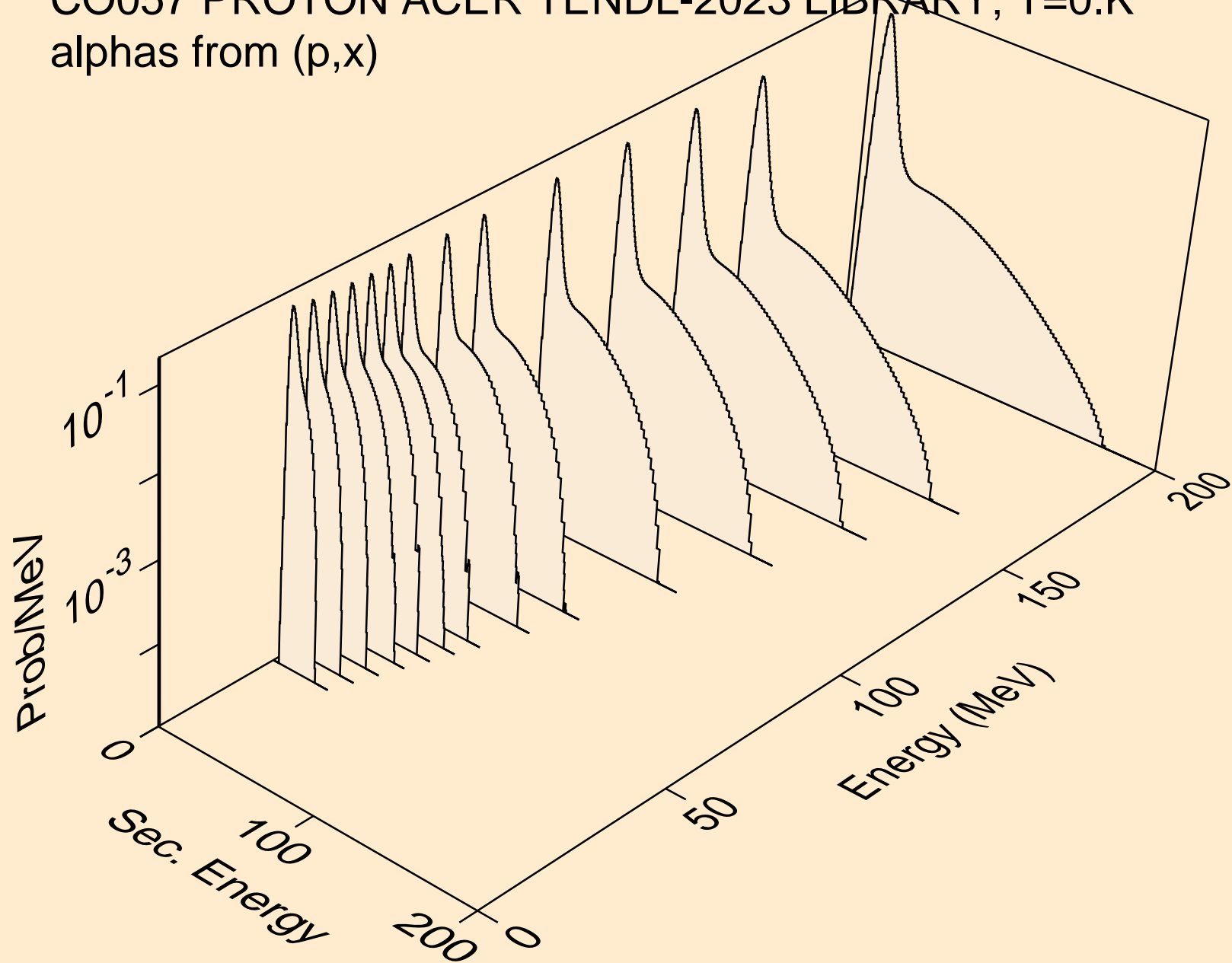
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



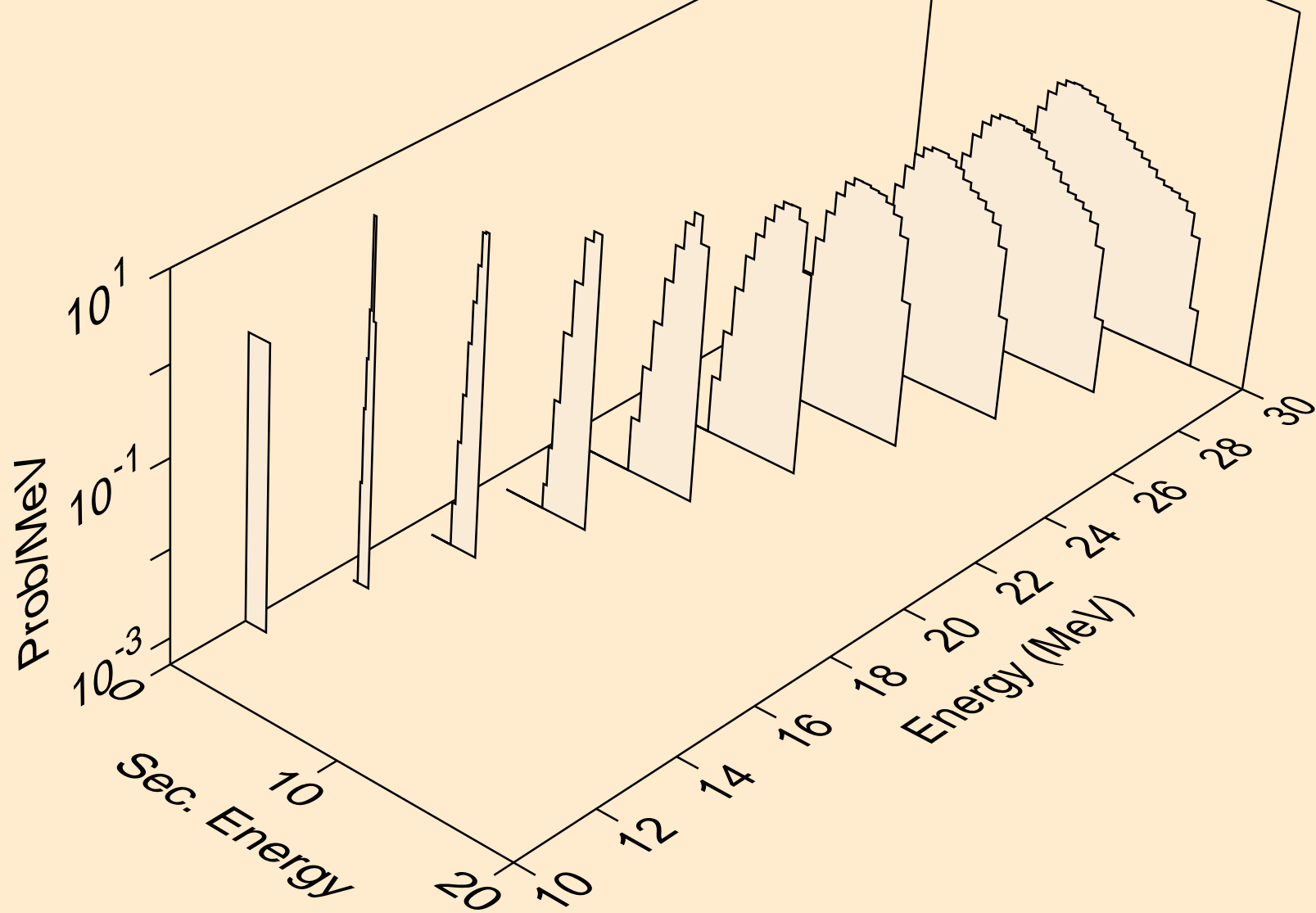
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he3s from (p,he3)



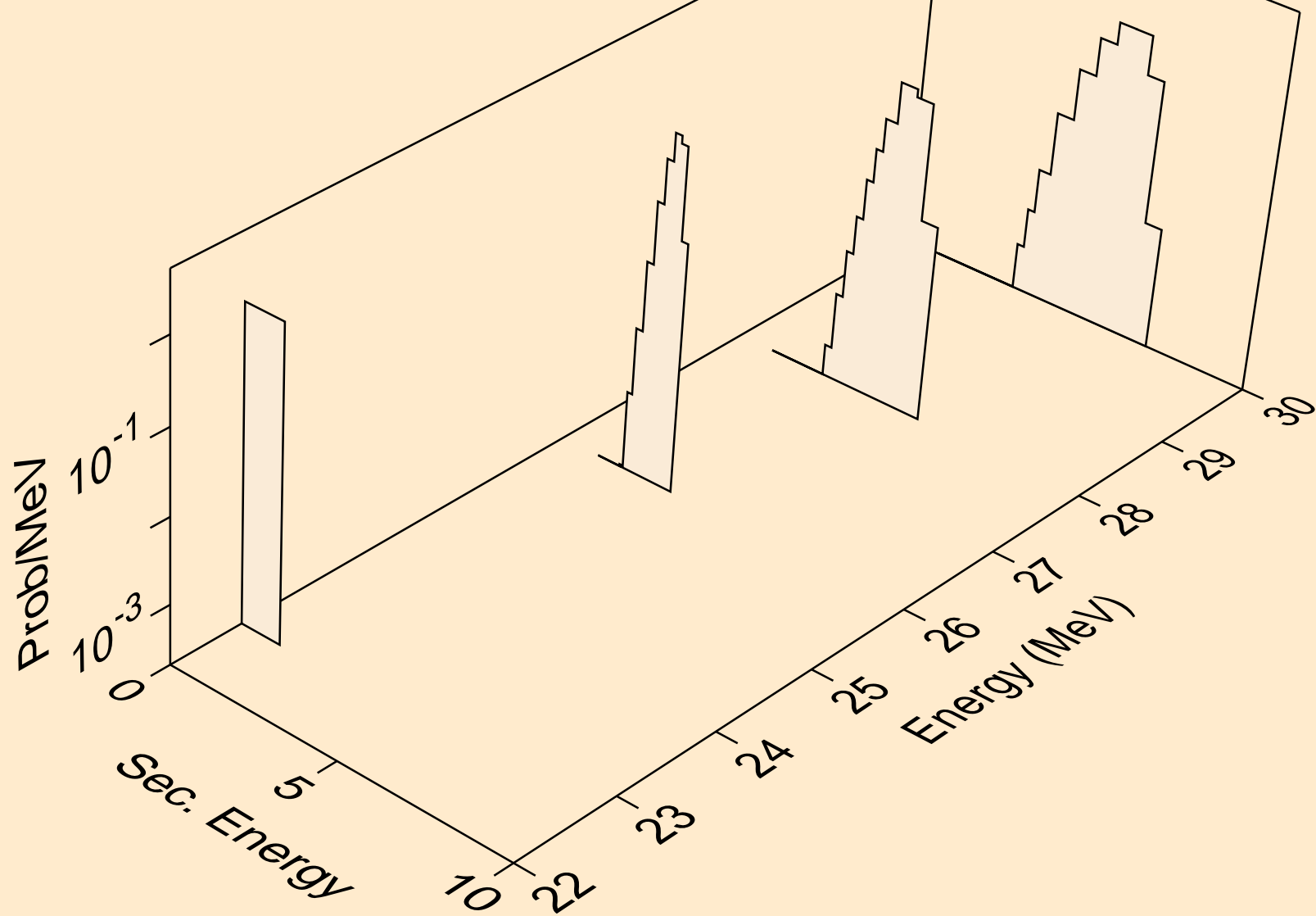
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



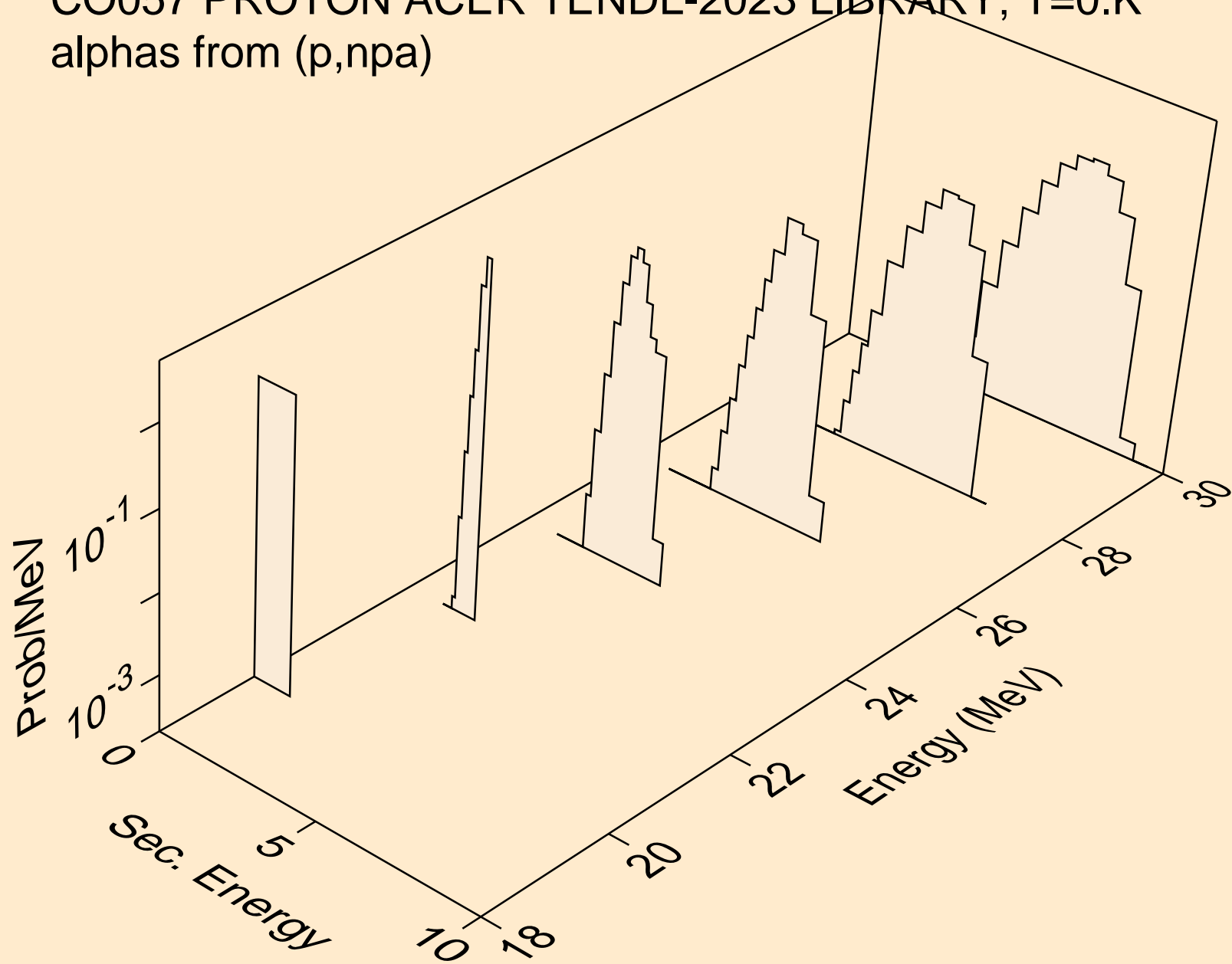
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



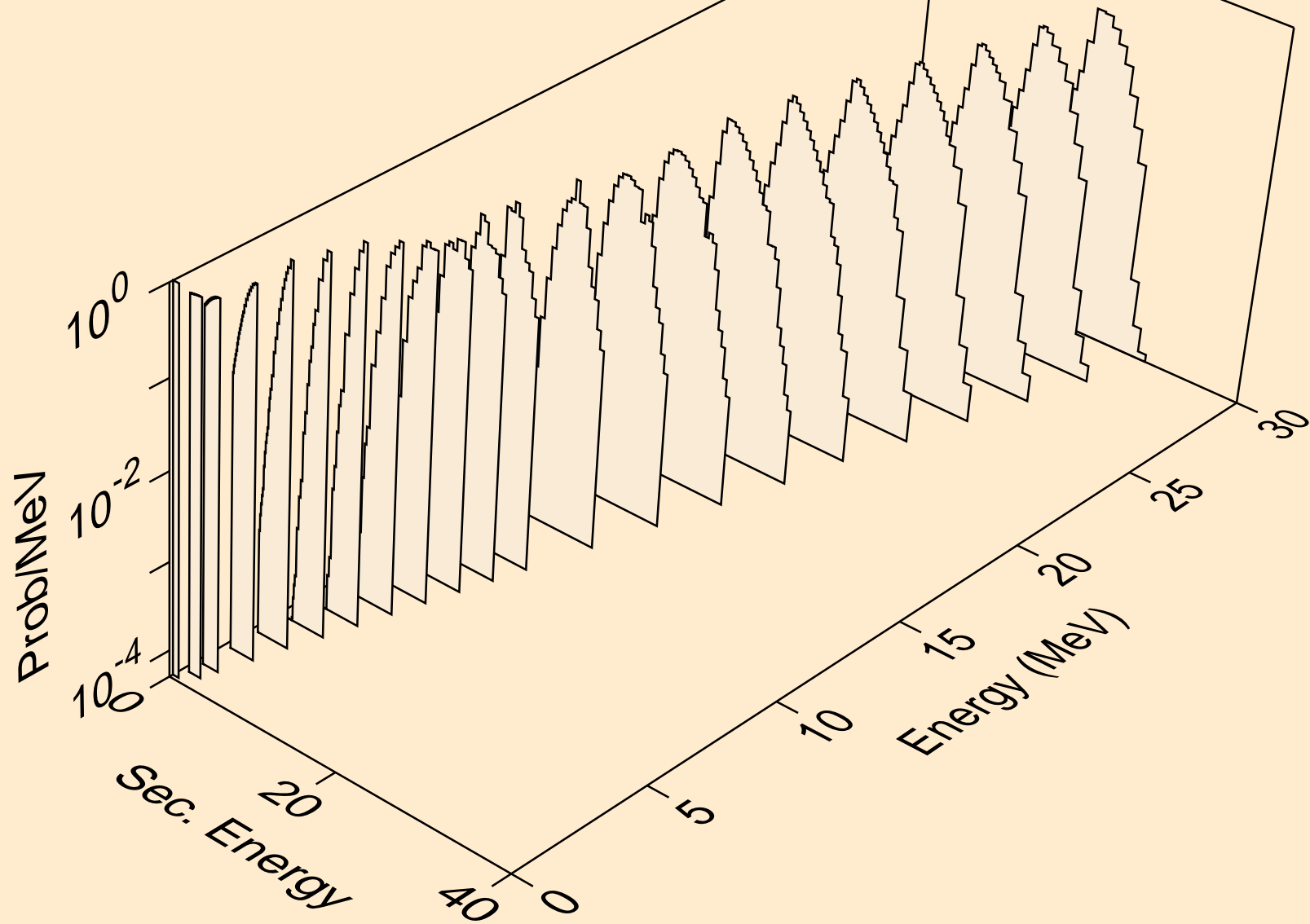
CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

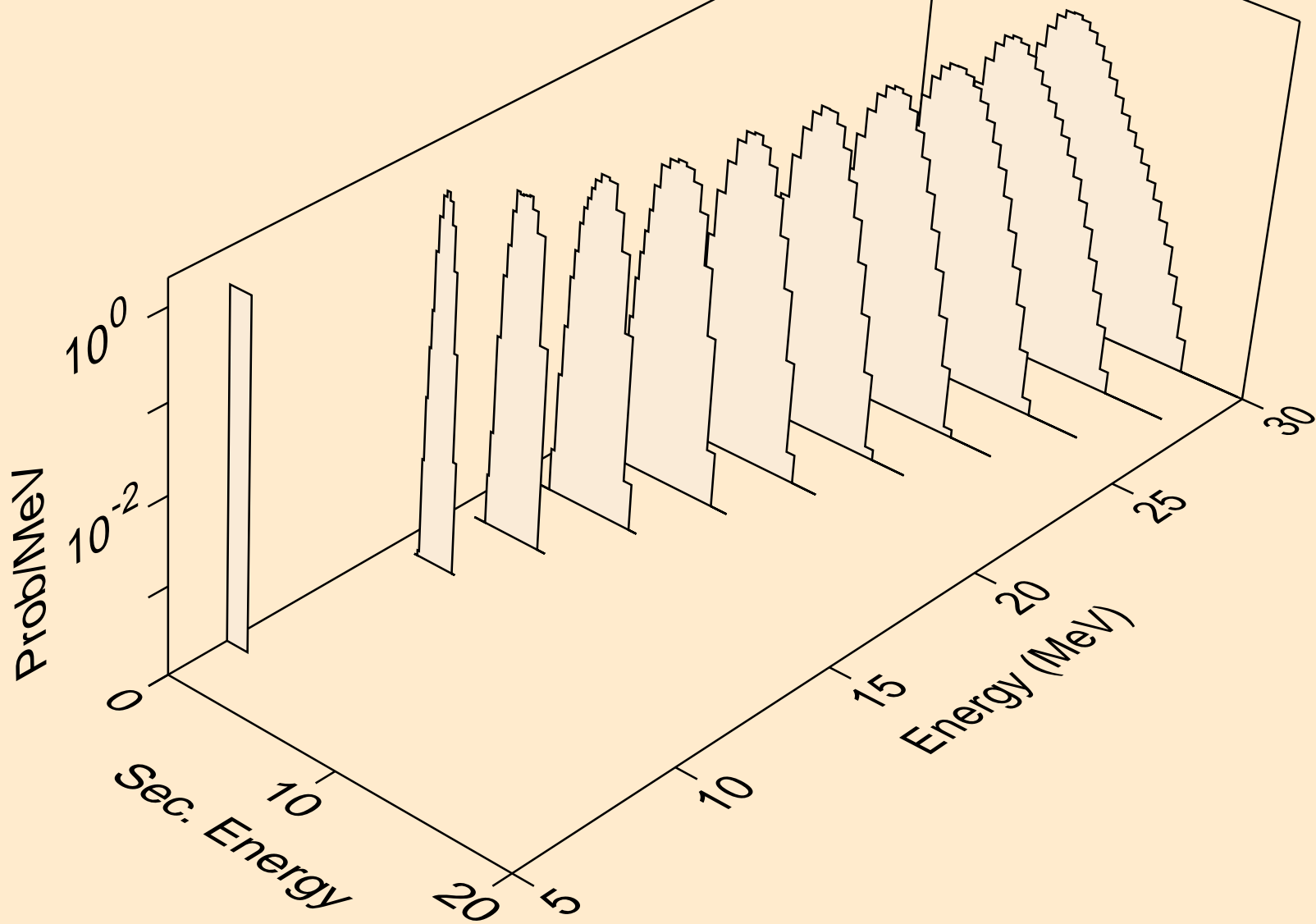


CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

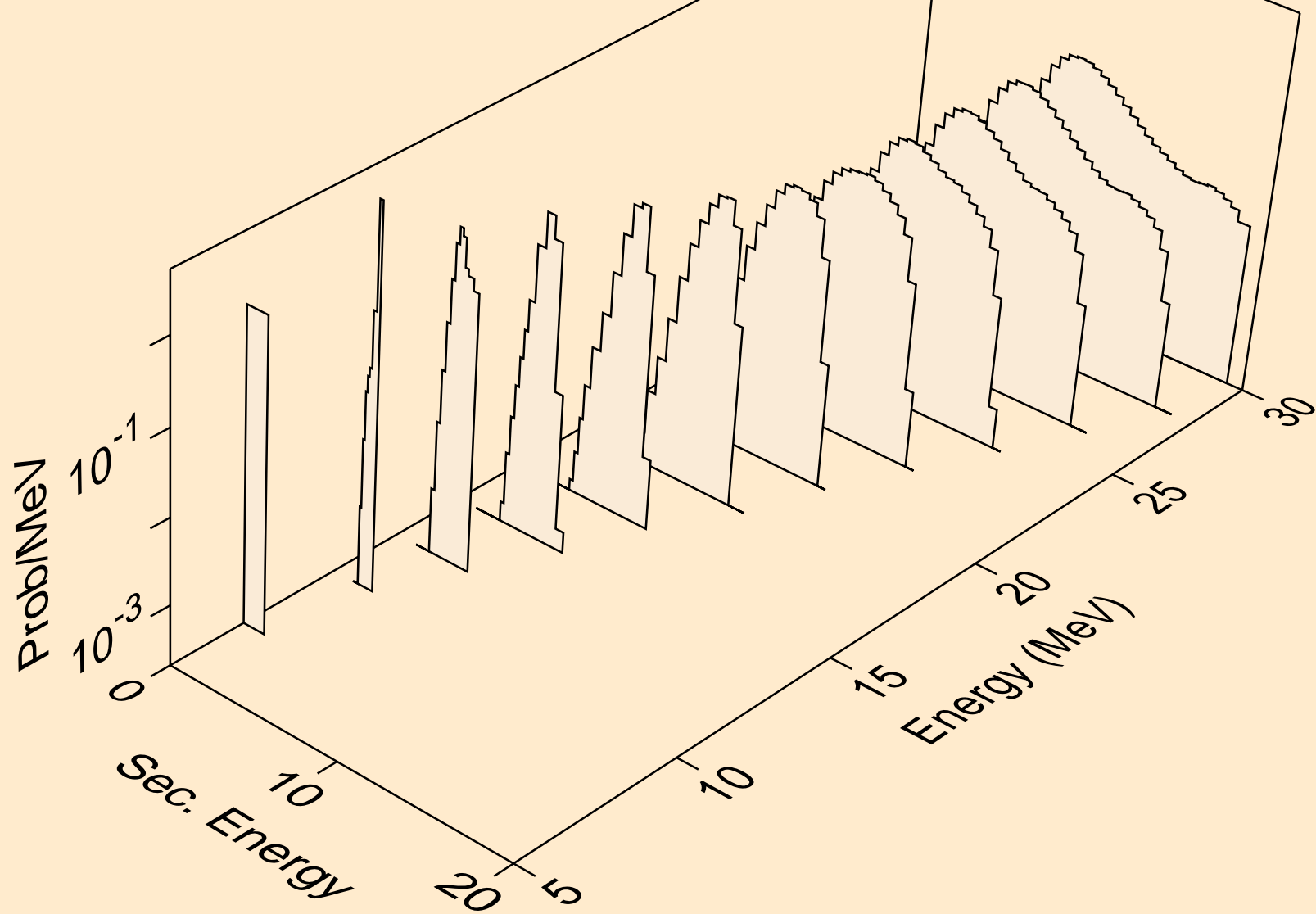




CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CO057 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

